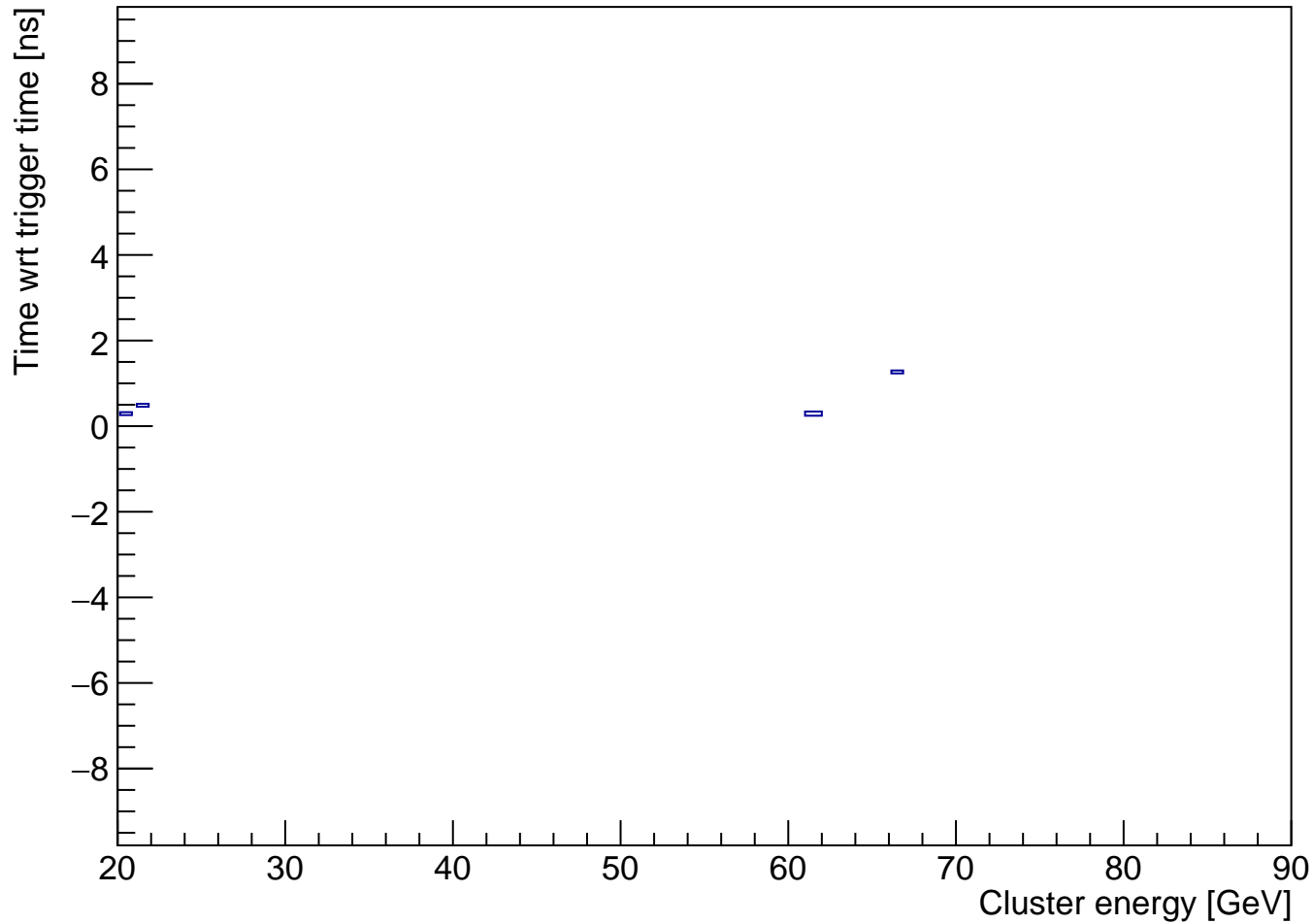
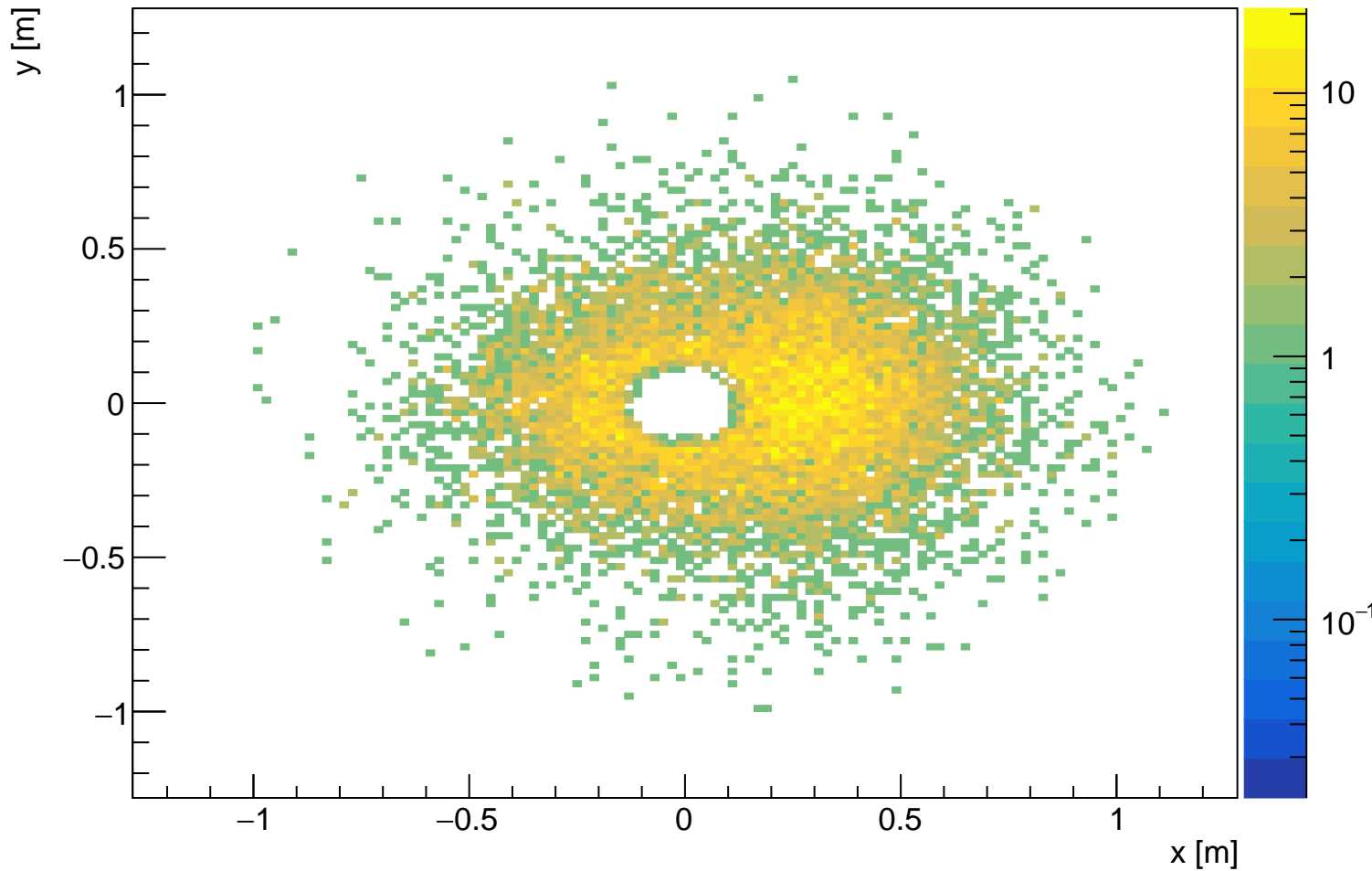


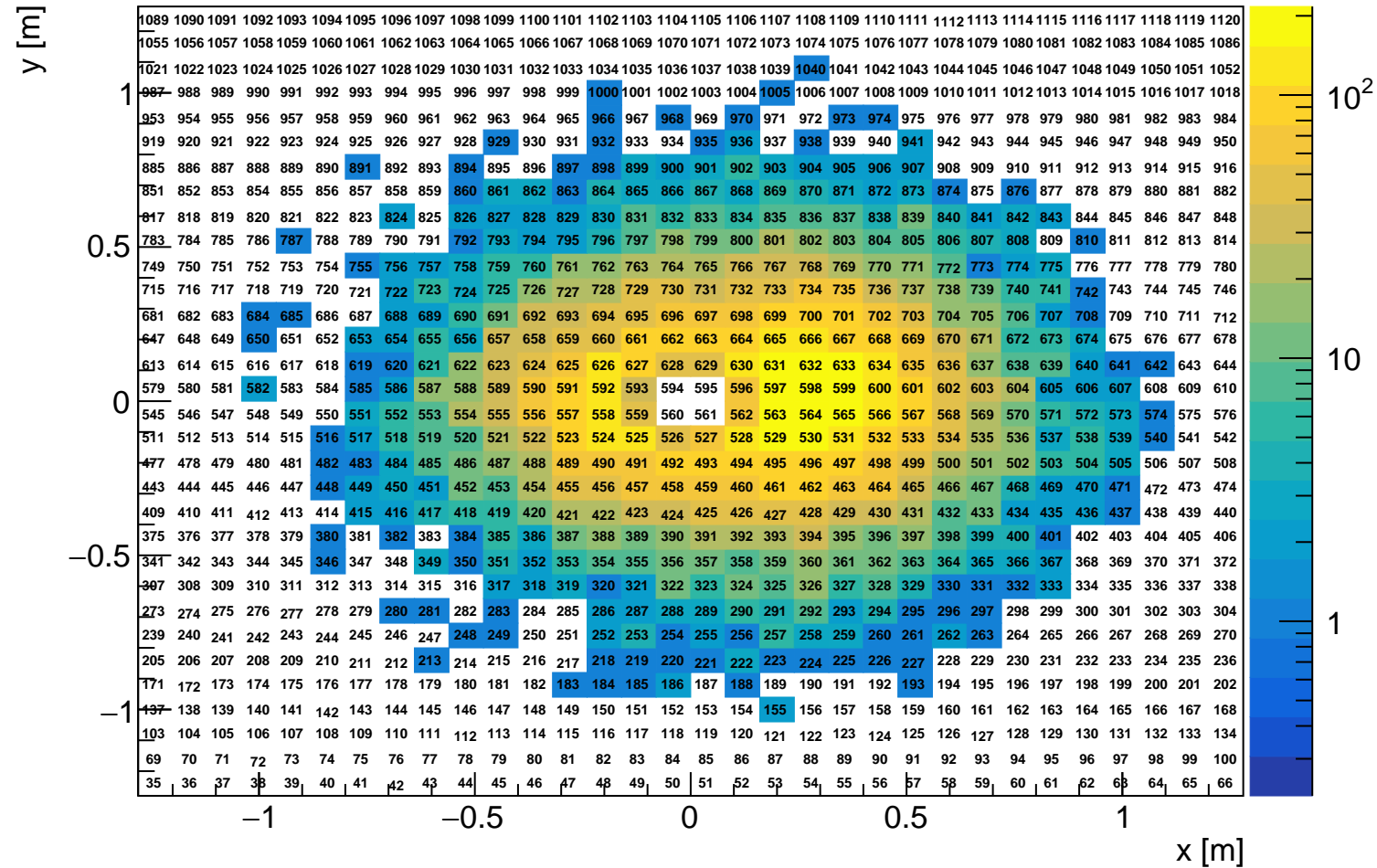
# Cluster time vs energy



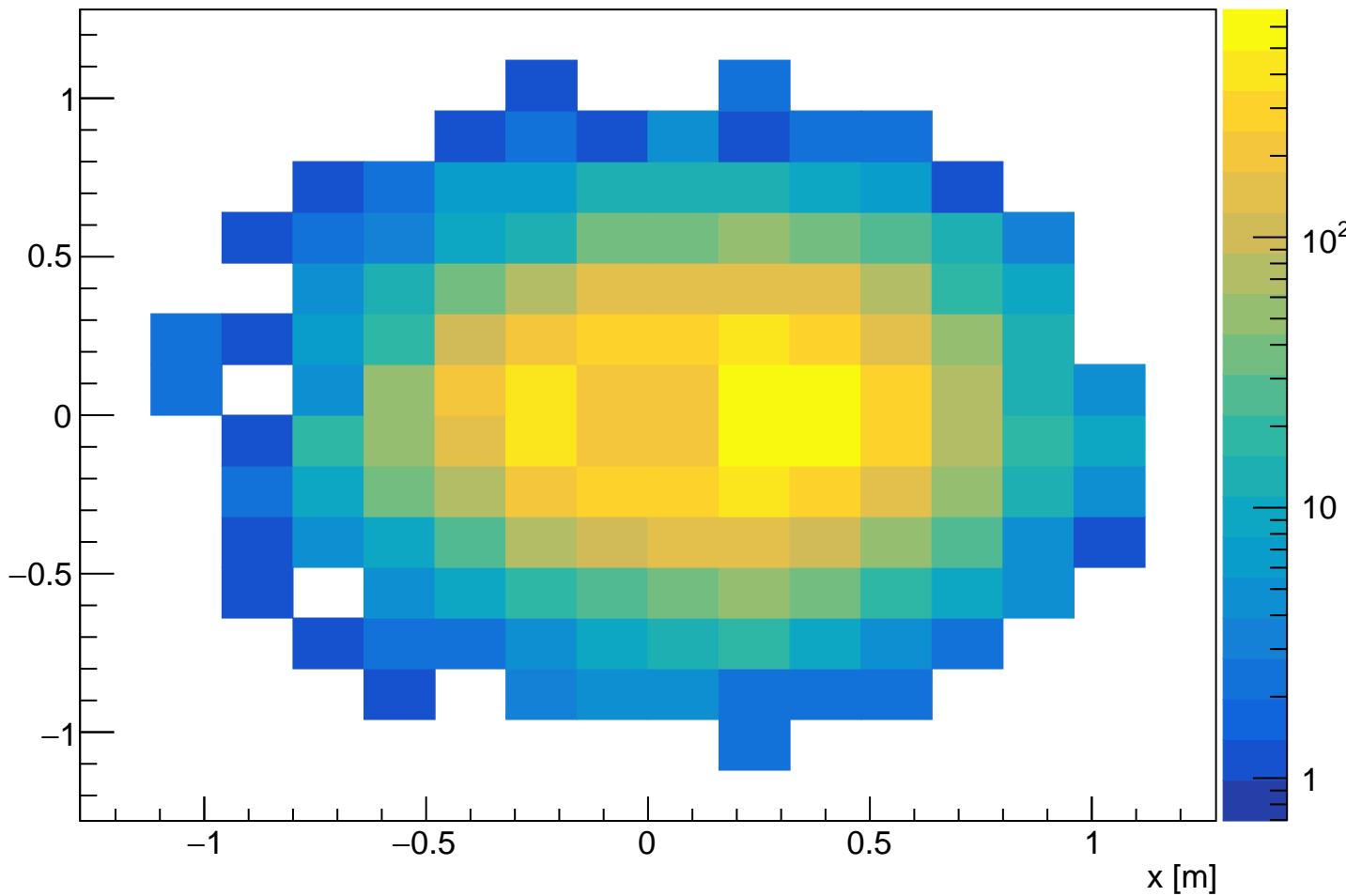
# Cluster coordinates (E>30 GeV)



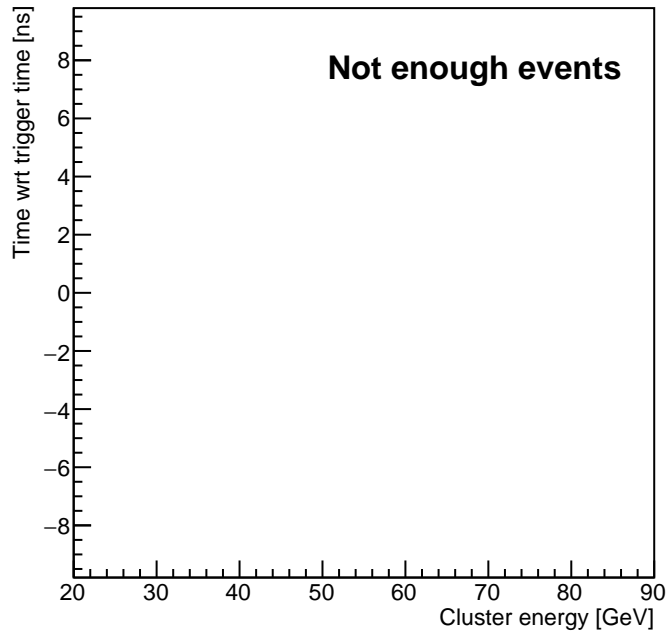
# Cluster coordinates (E>30 GeV)



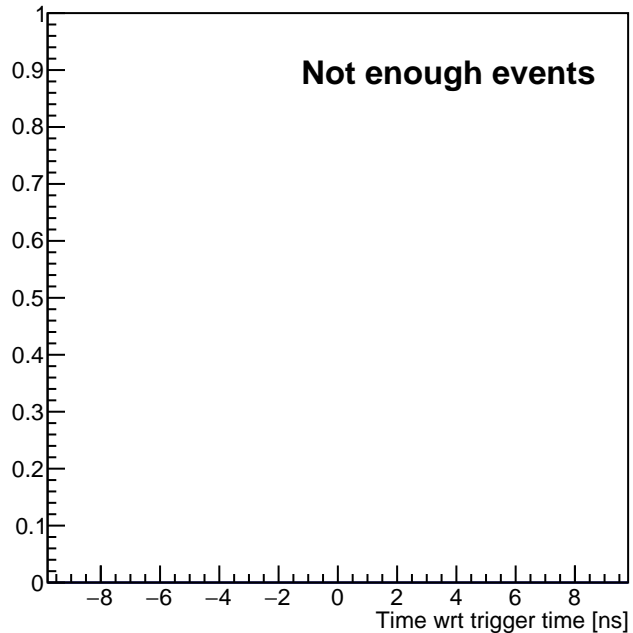
# Cluster coordinates (E>30 GeV)



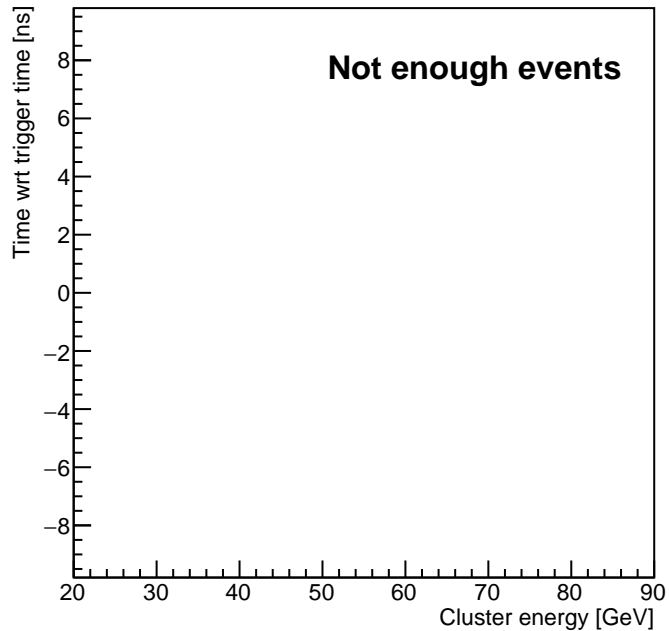
### Cluster time vs energy35



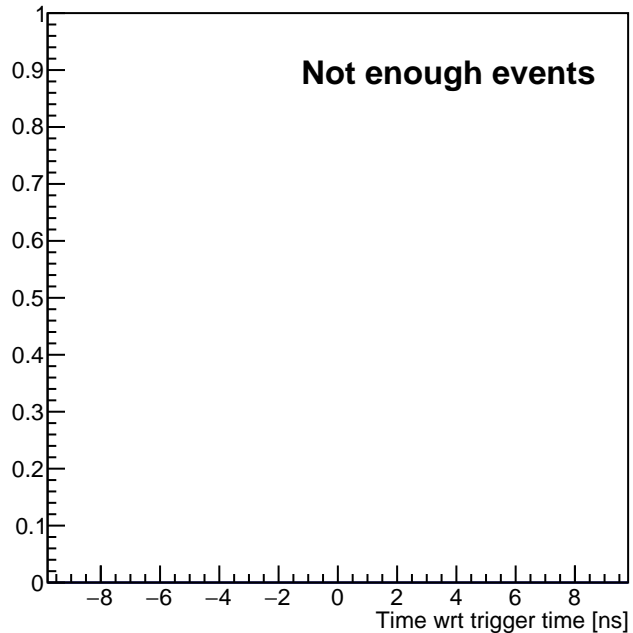
### Primitive time resolution 35



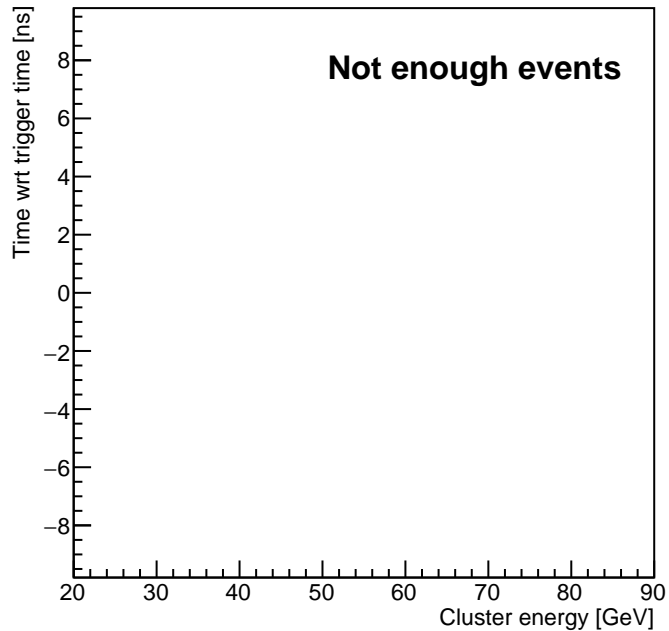
### Cluster time vs energy36



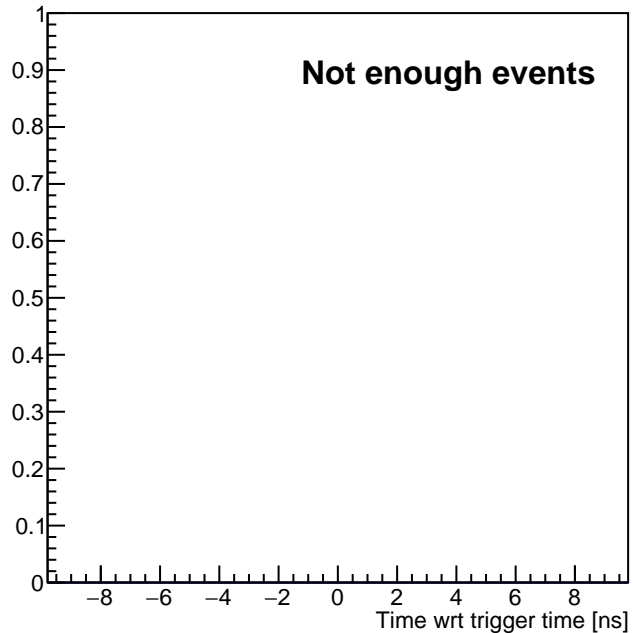
### Primitive time resolution 36



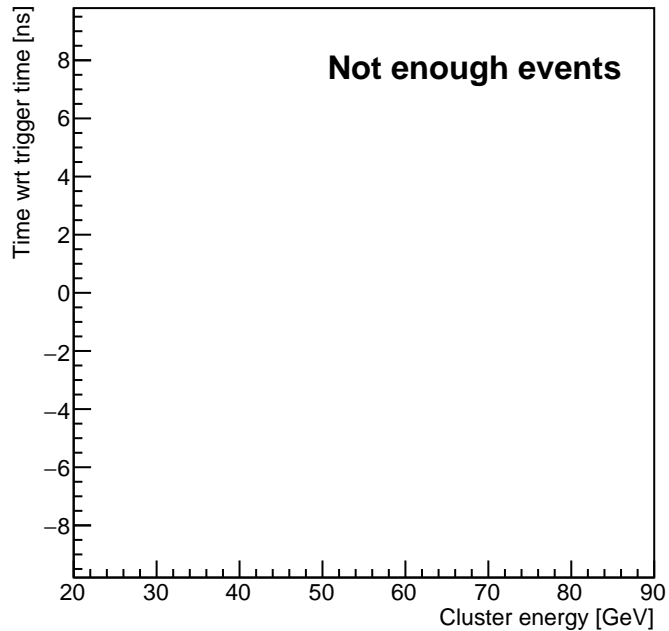
### Cluster time vs energy37



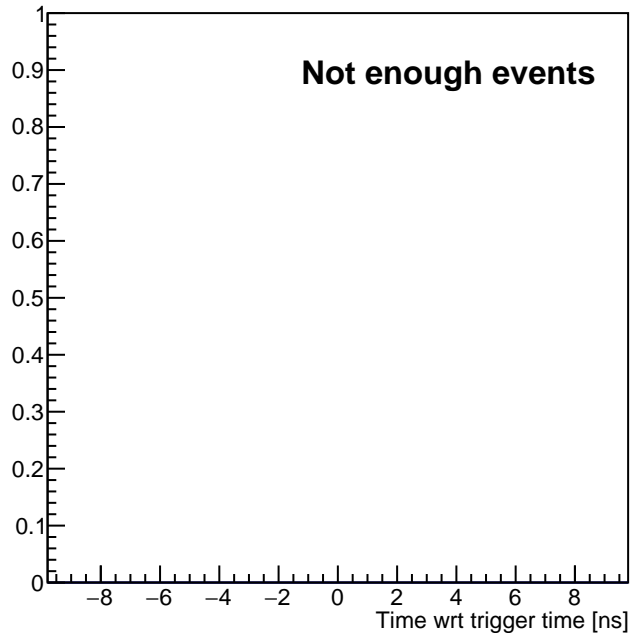
### Primitive time resolution 37



### Cluster time vs energy38

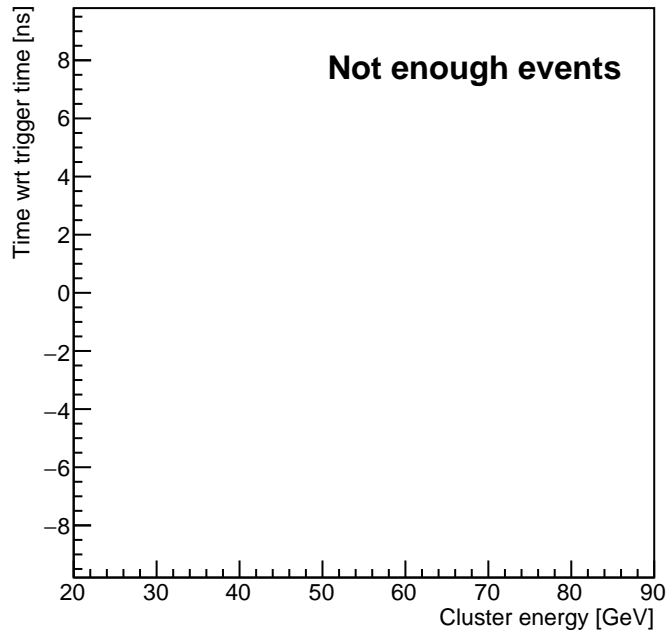


### Primitive time resolution 38

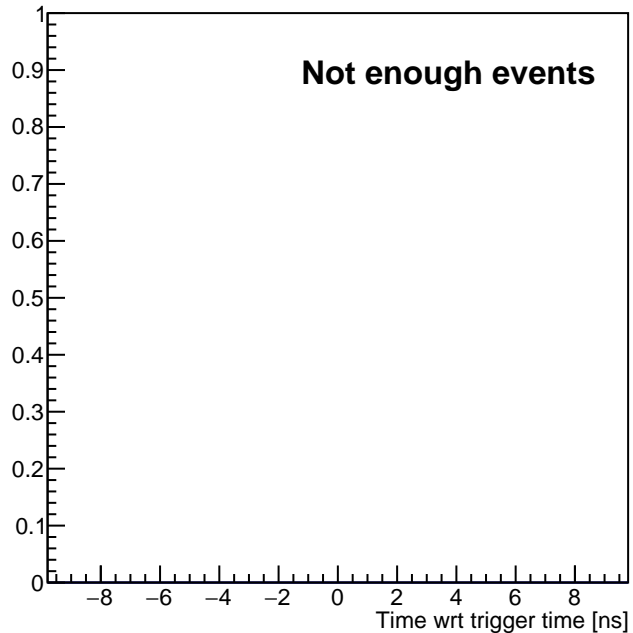




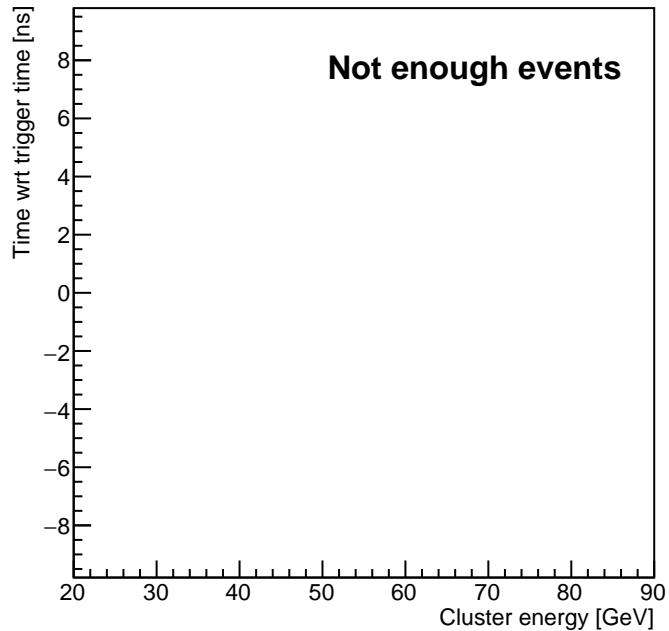
### Cluster time vs energy39



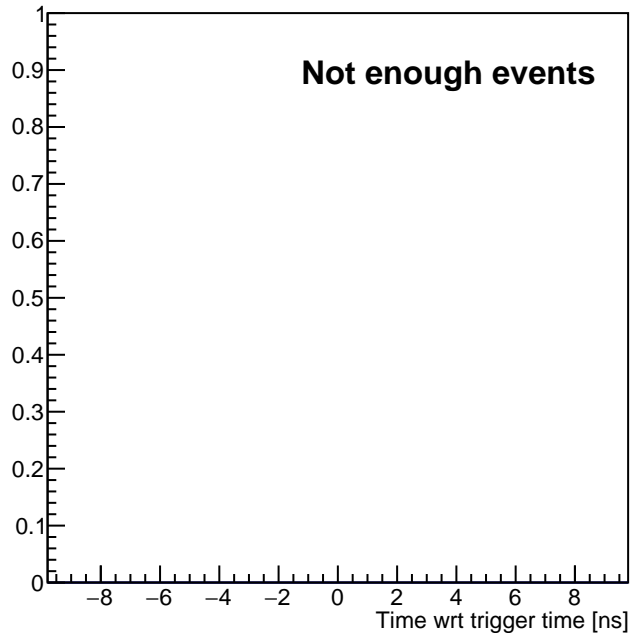
### Primitive time resolution 39



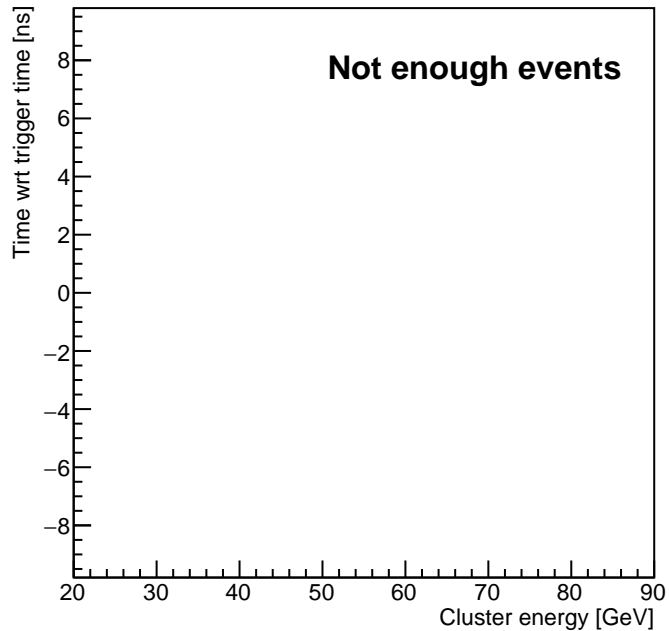
### Cluster time vs energy40



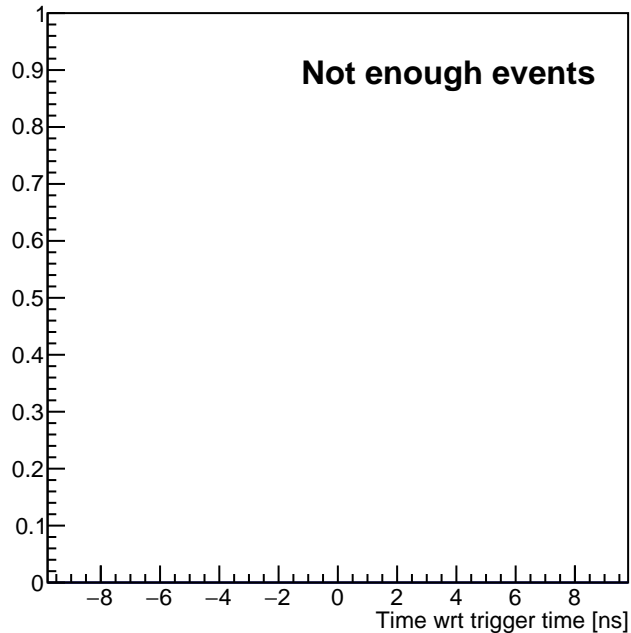
### Primitive time resolution 40



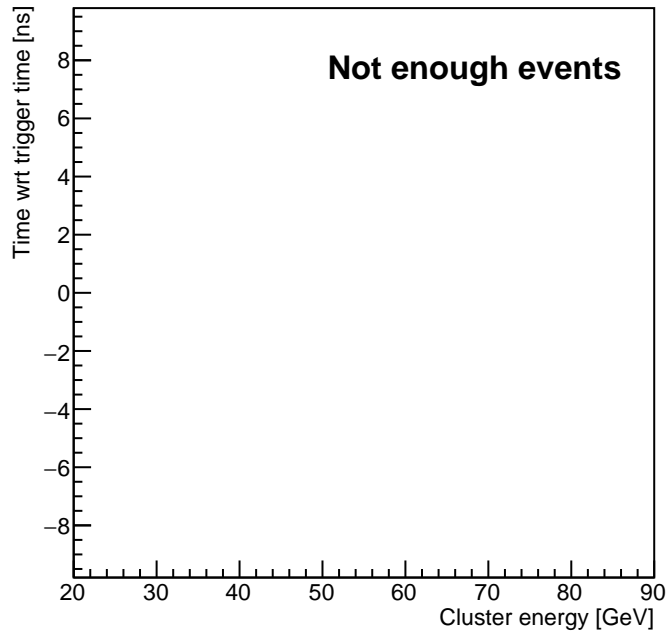
### Cluster time vs energy41



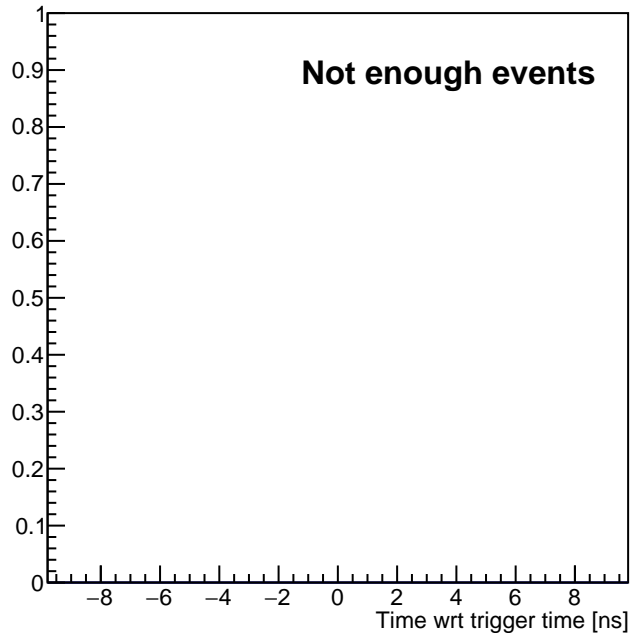
### Primitive time resolution 41



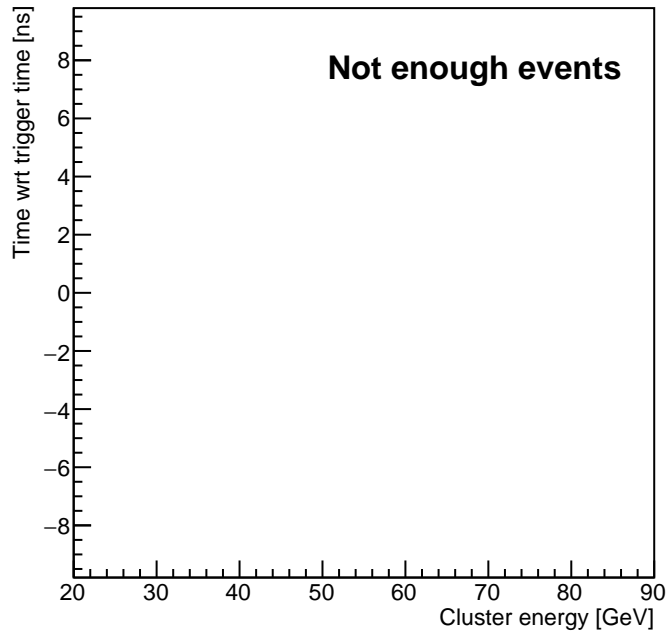
### Cluster time vs energy42



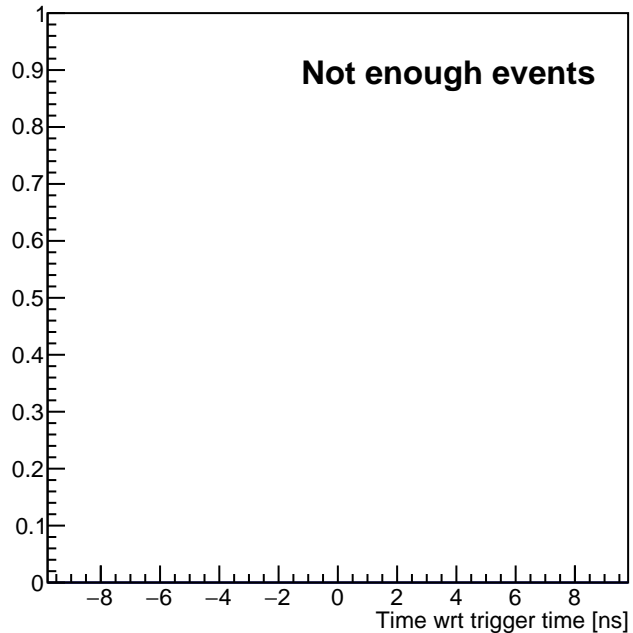
### Primitive time resolution 42



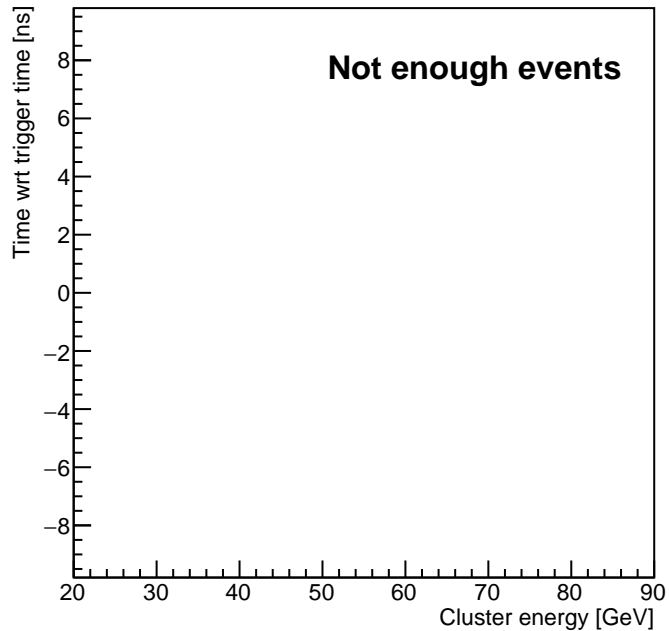
### Cluster time vs energy43



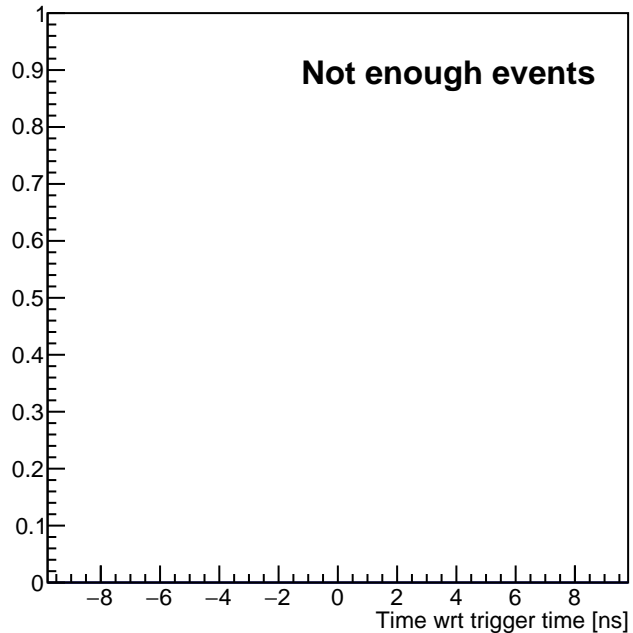
### Primitive time resolution 43



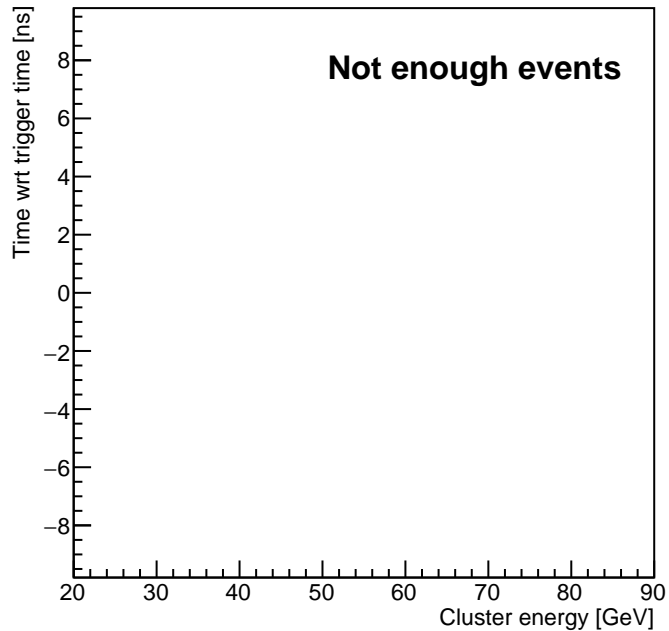
### Cluster time vs energy44



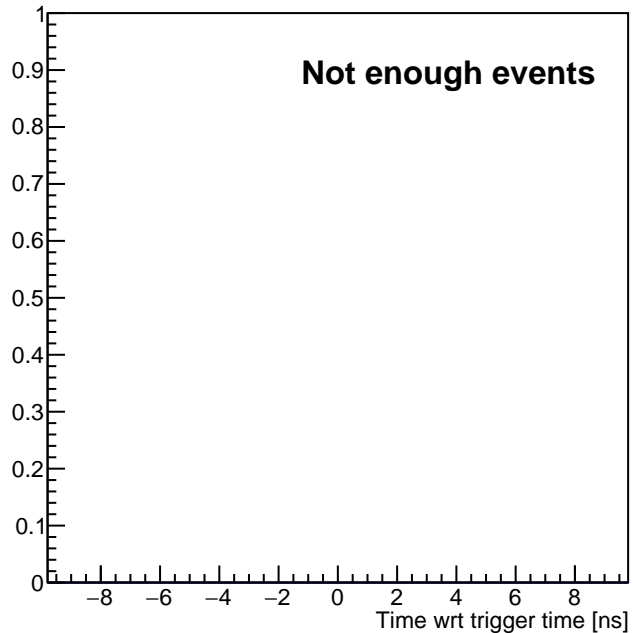
### Primitive time resolution 44



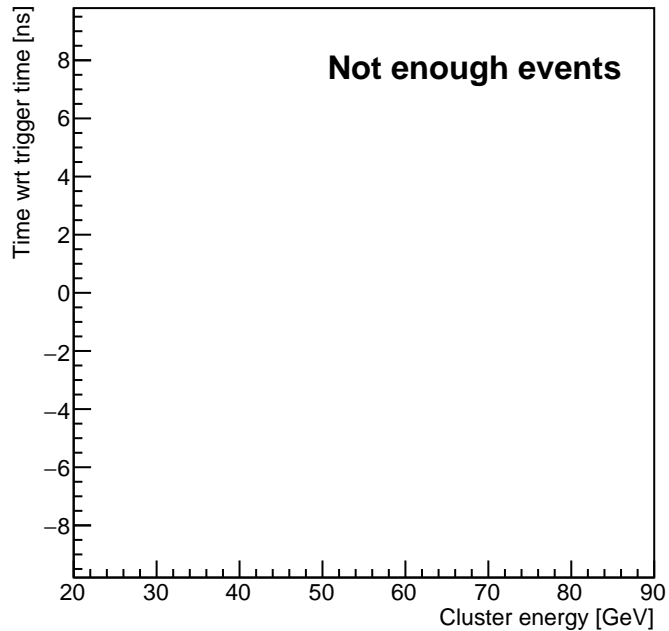
### Cluster time vs energy45



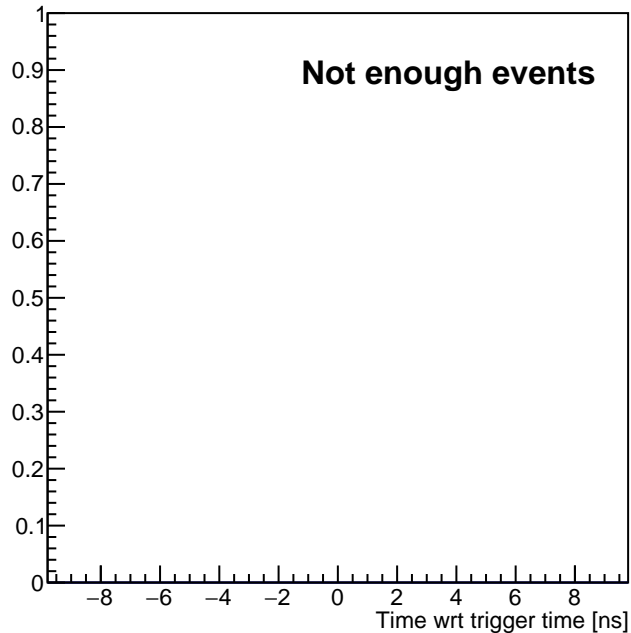
### Primitive time resolution 45



Cluster time vs energy46

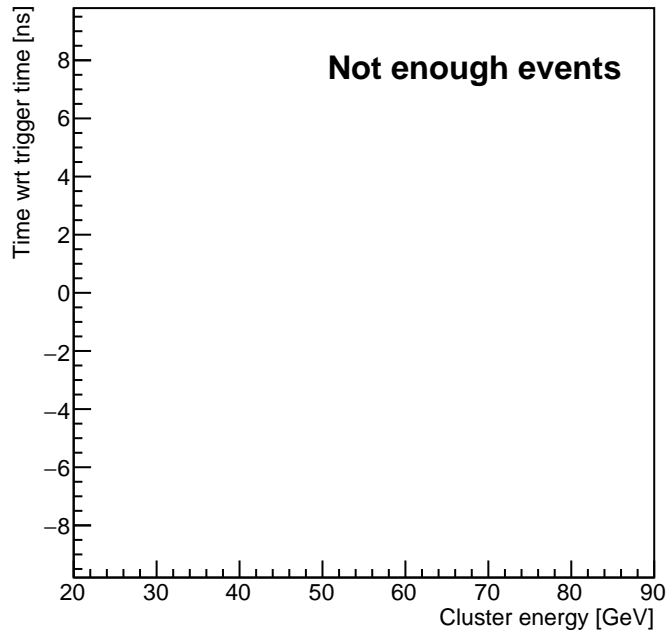


Primitive time resolution 46

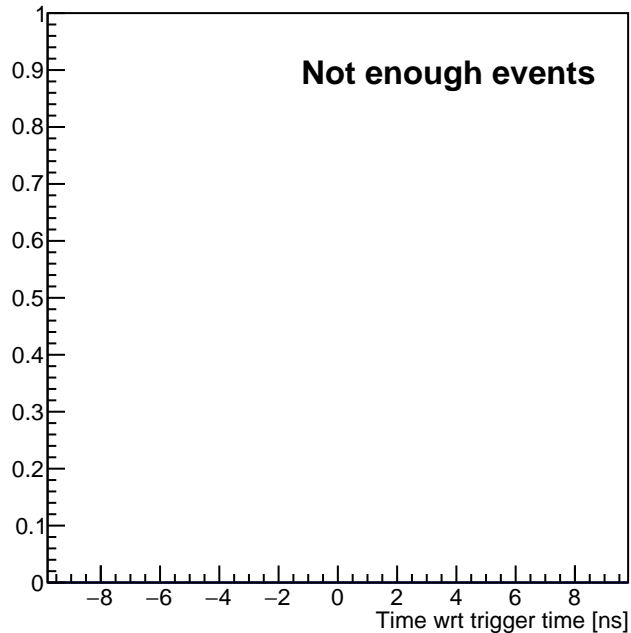




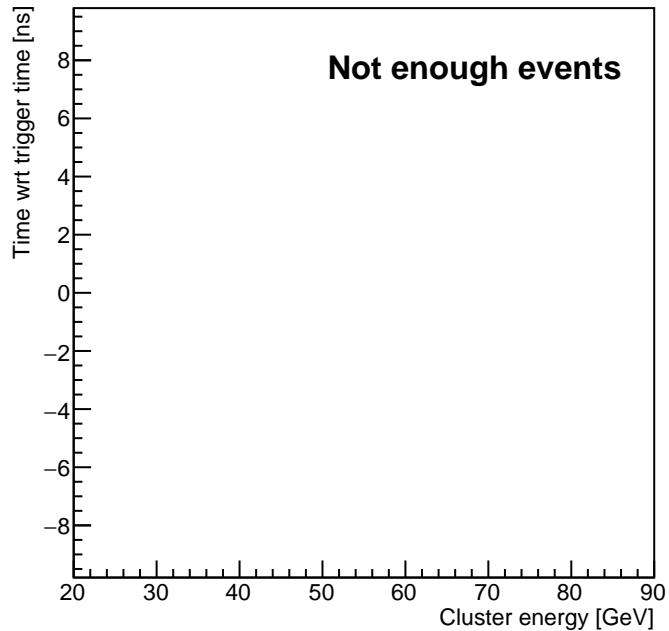
### Cluster time vs energy47



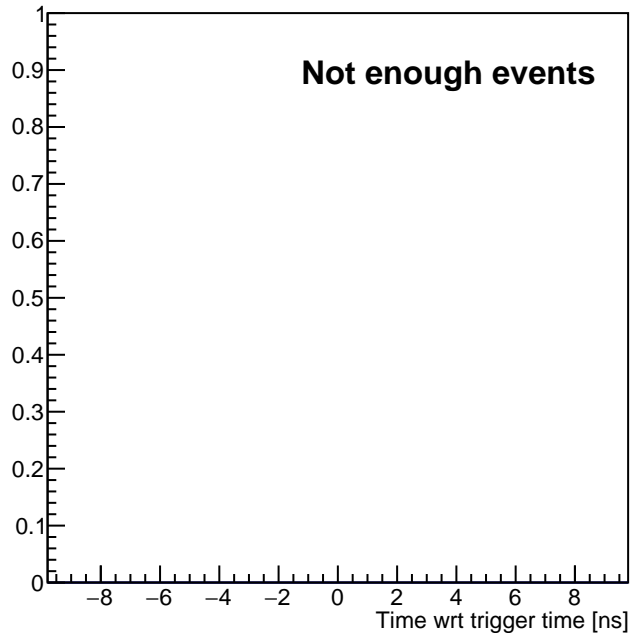
### Primitive time resolution 47



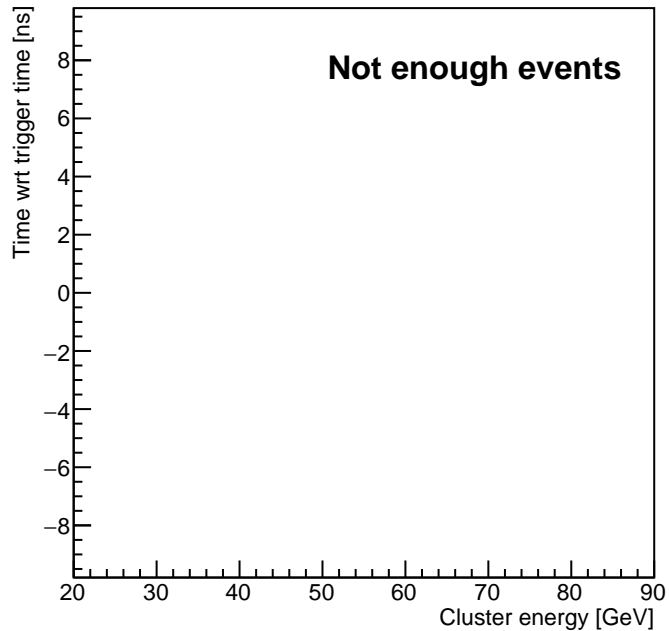
### Cluster time vs energy48



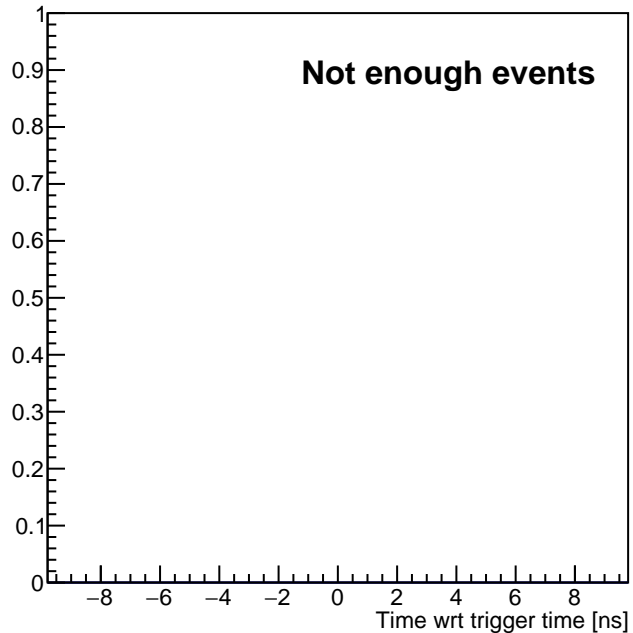
### Primitive time resolution 48



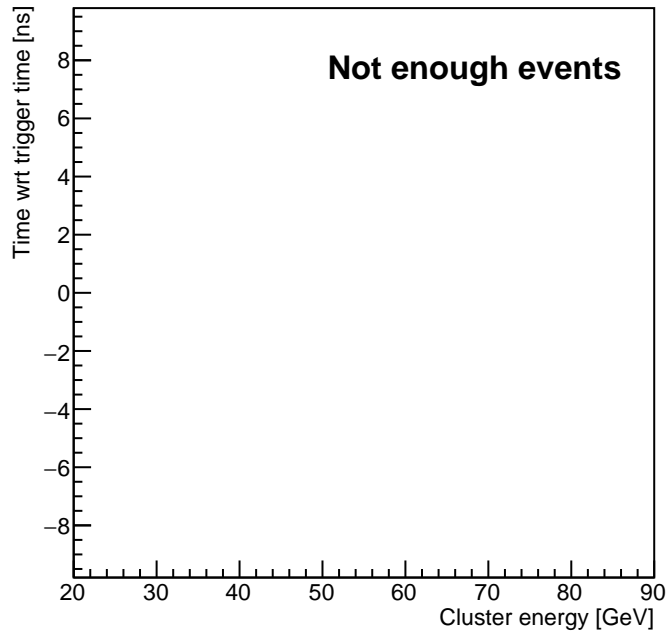
### Cluster time vs energy49



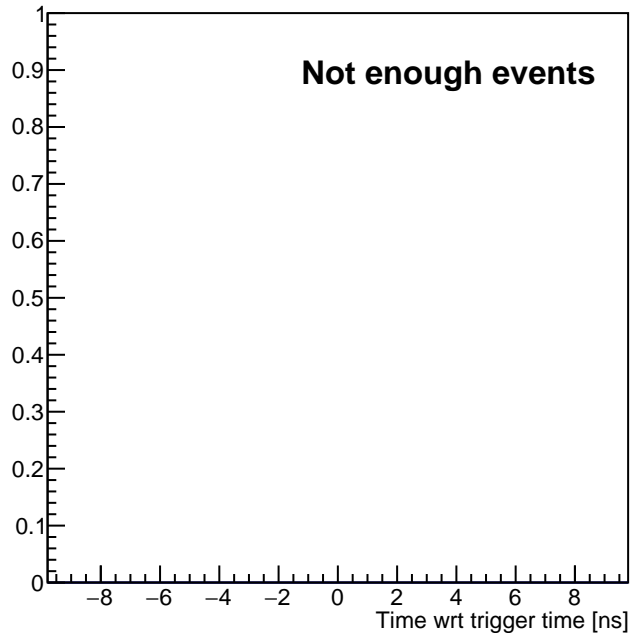
### Primitive time resolution 49



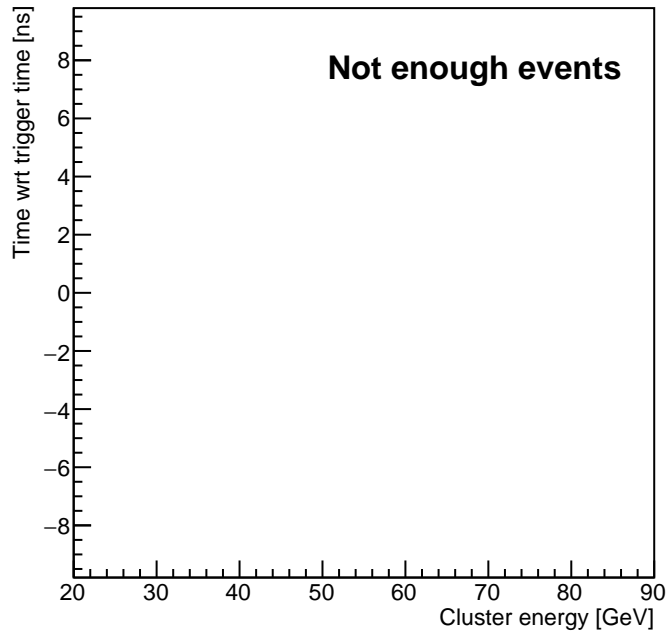
### Cluster time vs energy50



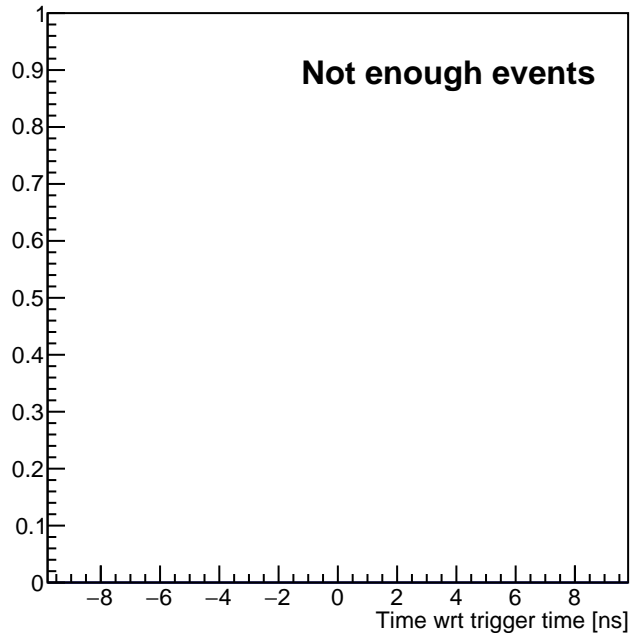
### Primitive time resolution 50



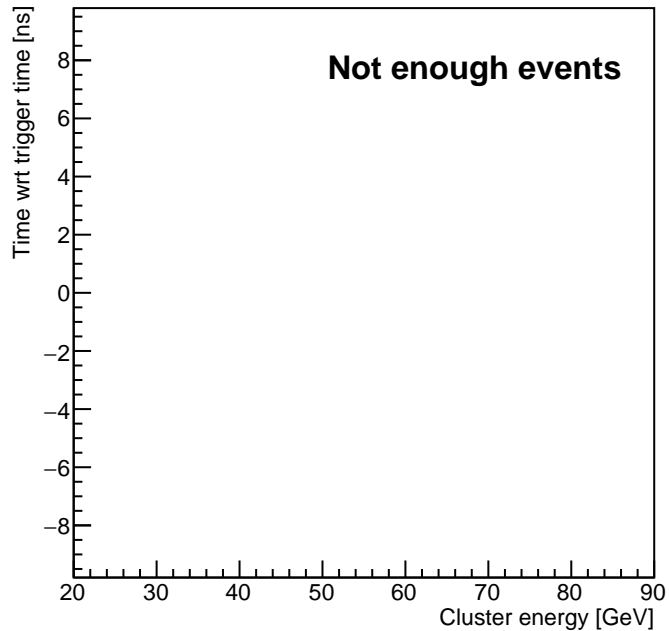
### Cluster time vs energy51



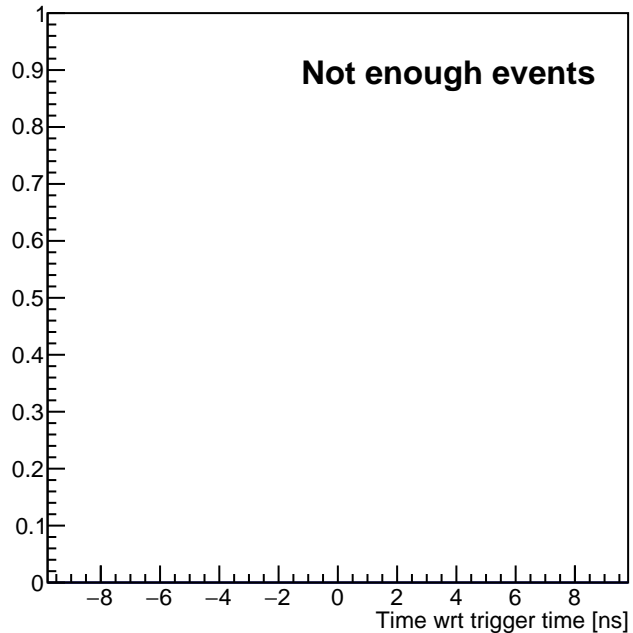
### Primitive time resolution 51



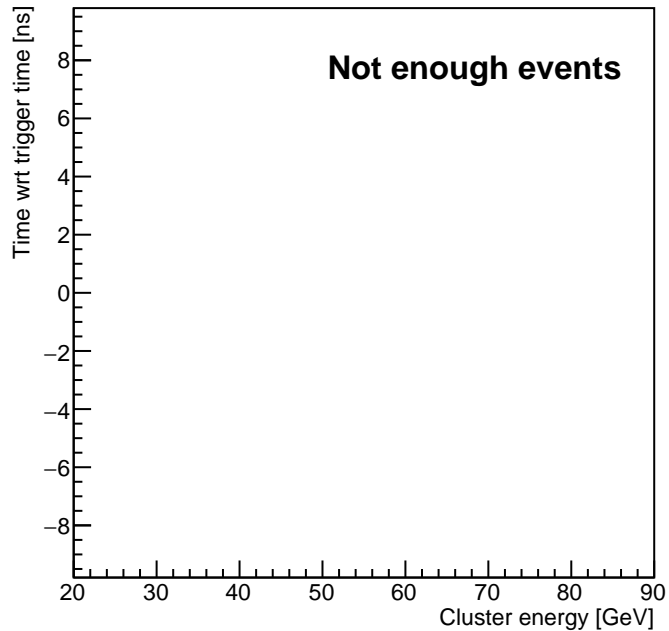
### Cluster time vs energy52



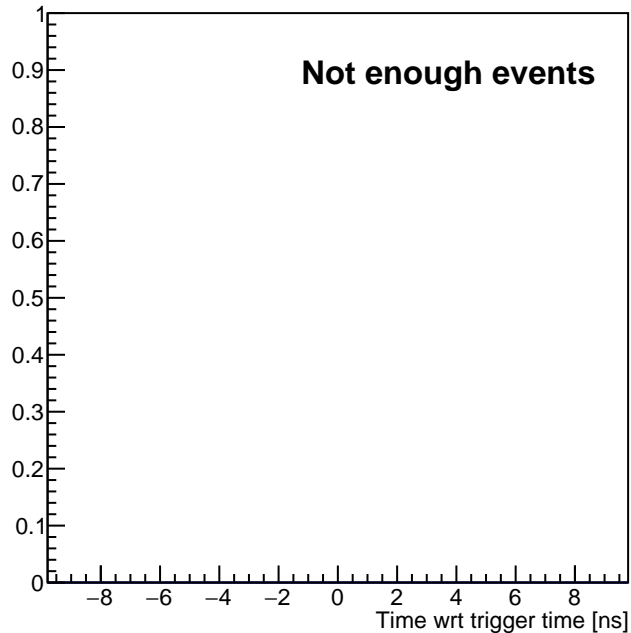
### Primitive time resolution 52



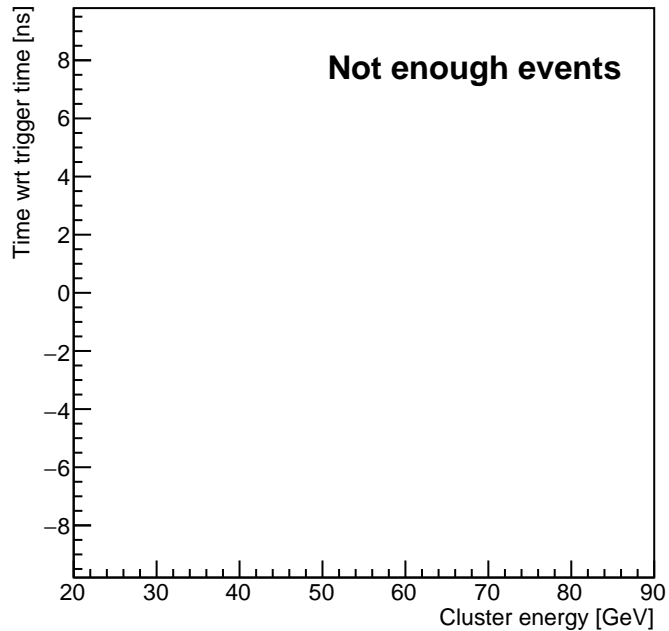
### Cluster time vs energy53



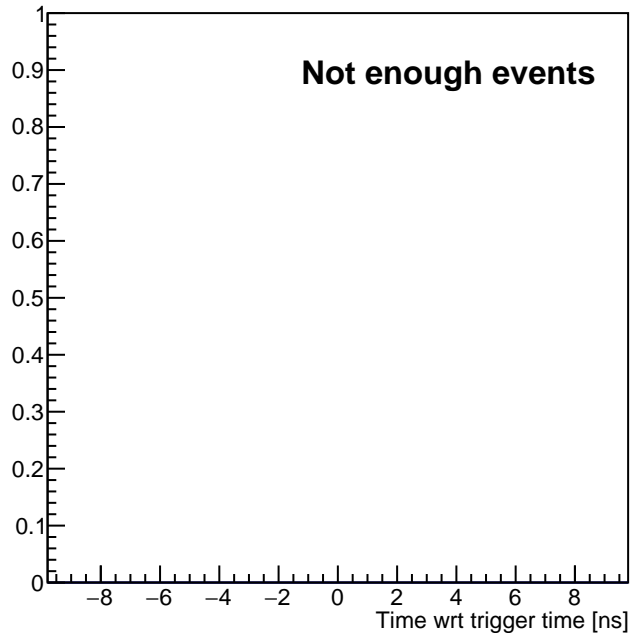
### Primitive time resolution 53



### Cluster time vs energy54

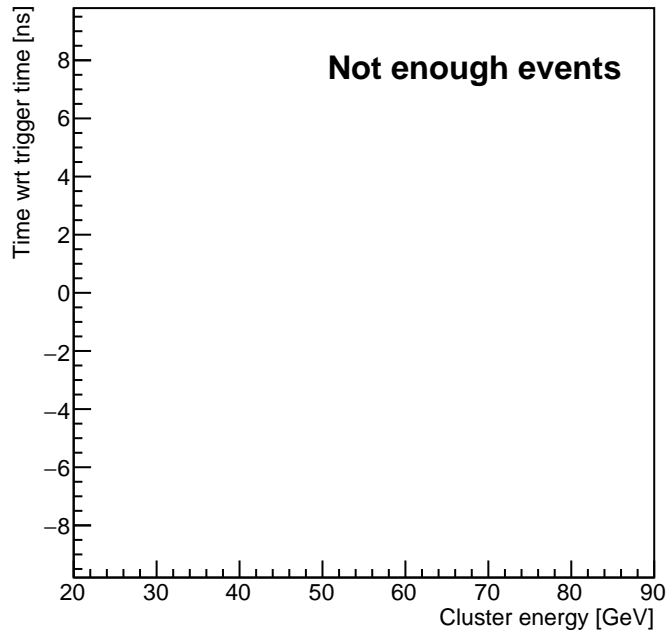


### Primitive time resolution 54

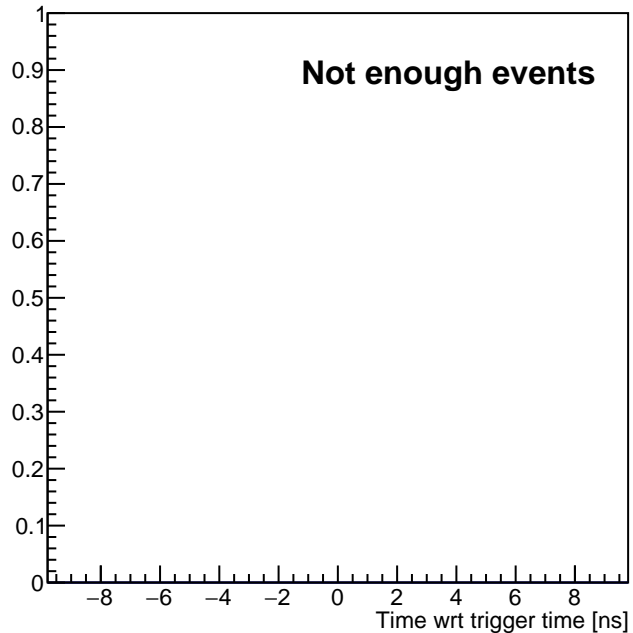




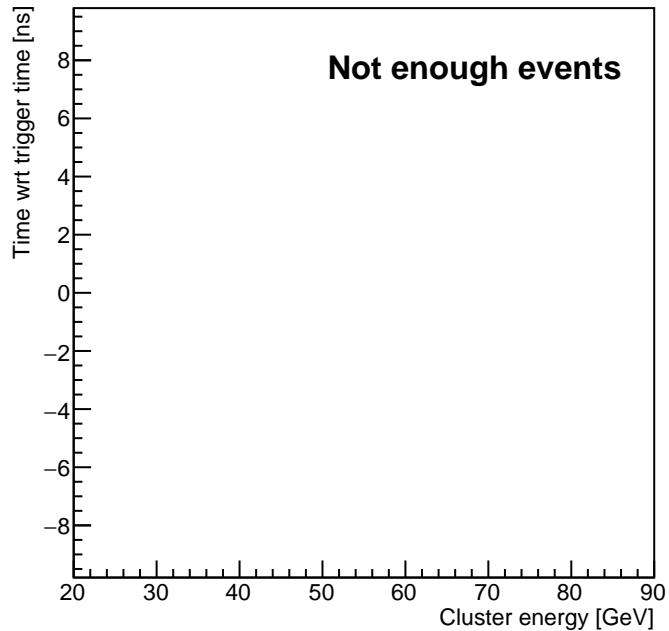
### Cluster time vs energy55



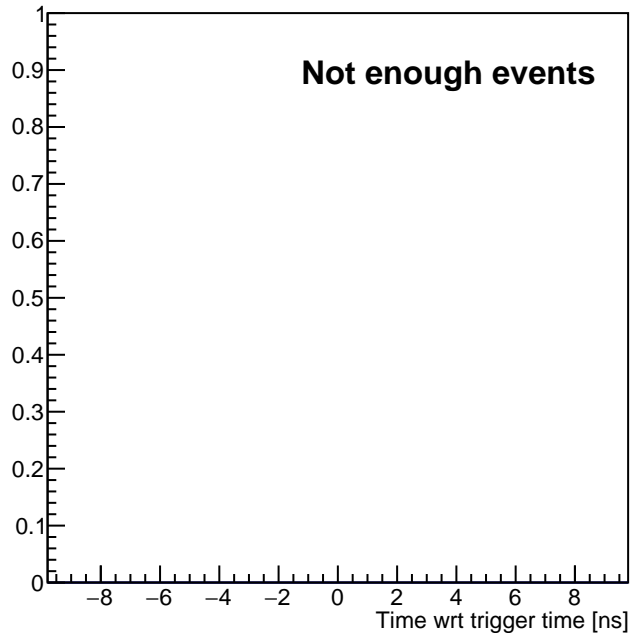
### Primitive time resolution 55



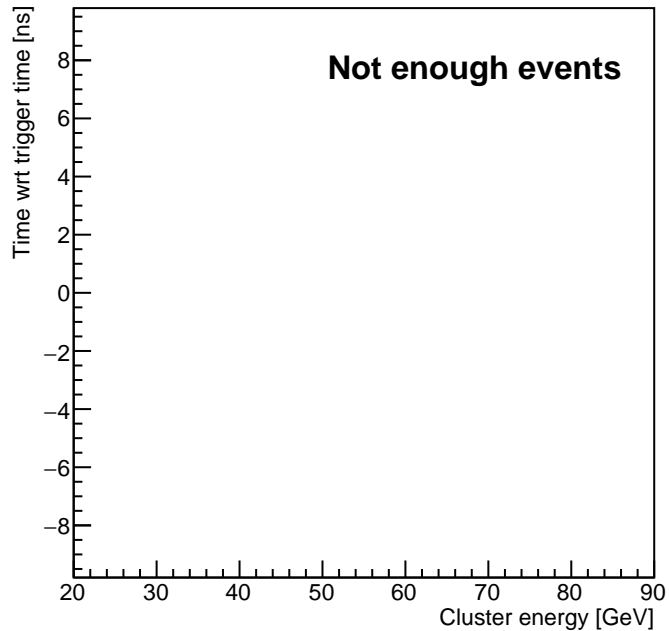
### Cluster time vs energy56



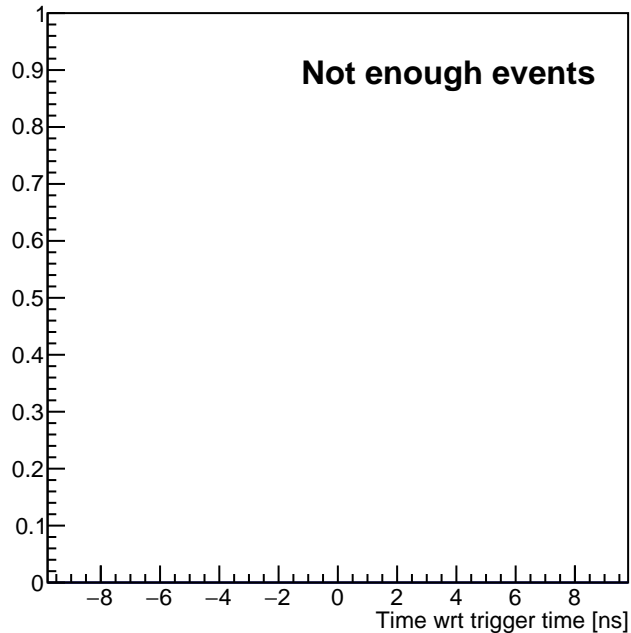
### Primitive time resolution 56



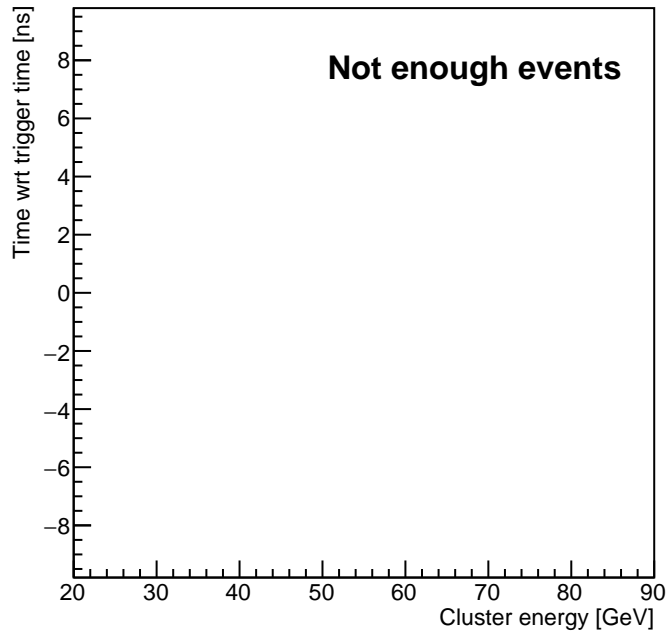
### Cluster time vs energy57



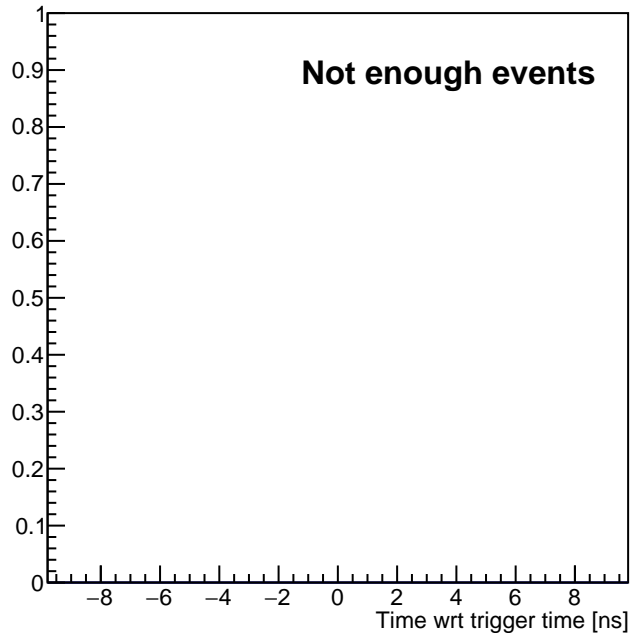
### Primitive time resolution 57



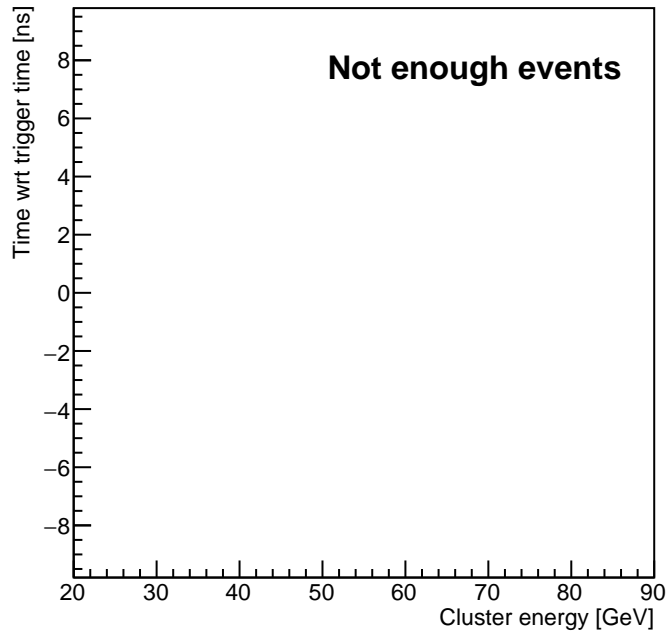
### Cluster time vs energy58



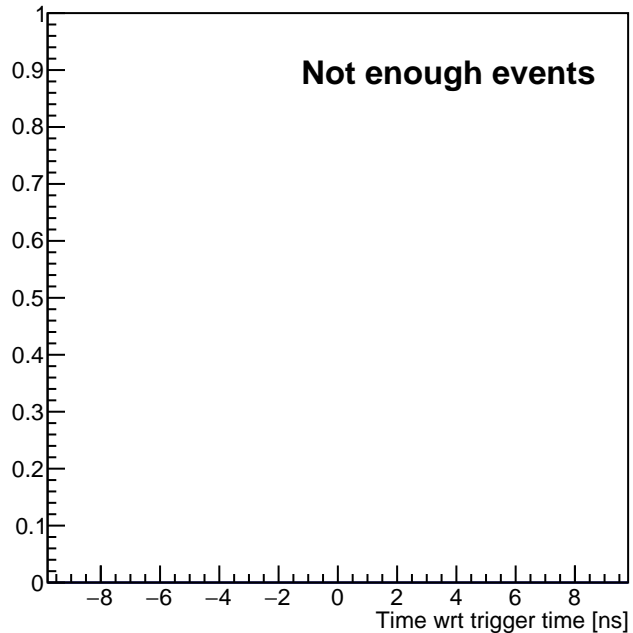
### Primitive time resolution 58



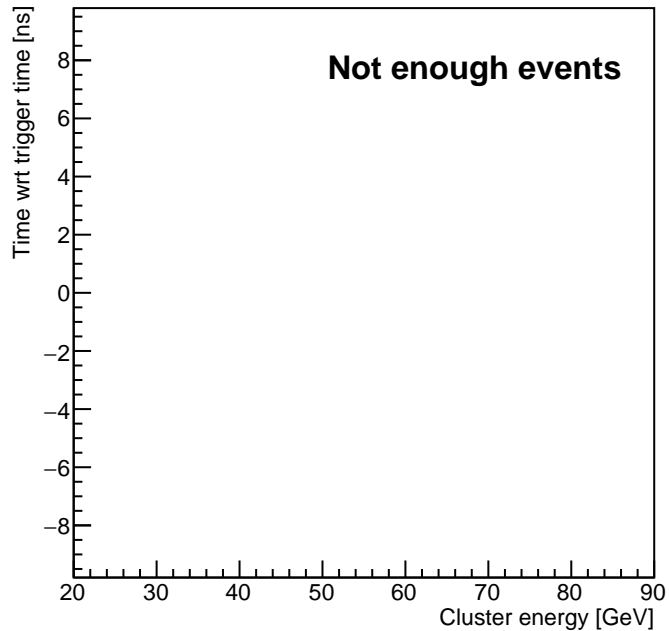
### Cluster time vs energy59



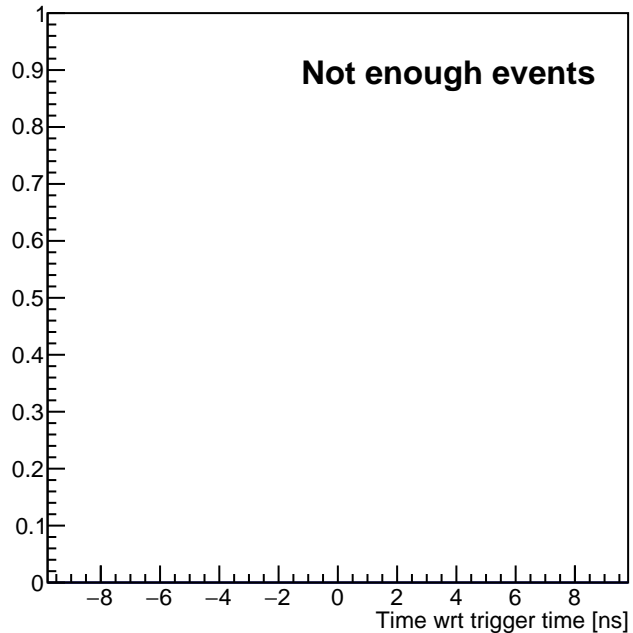
### Primitive time resolution 59



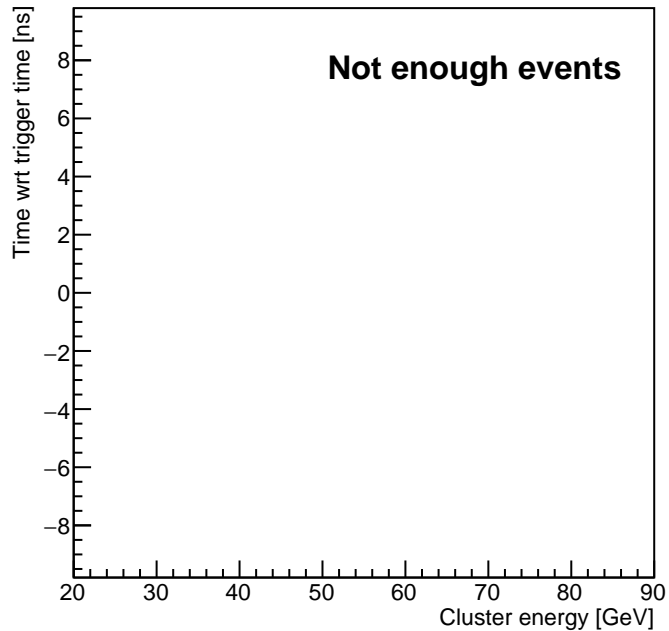
### Cluster time vs energy60



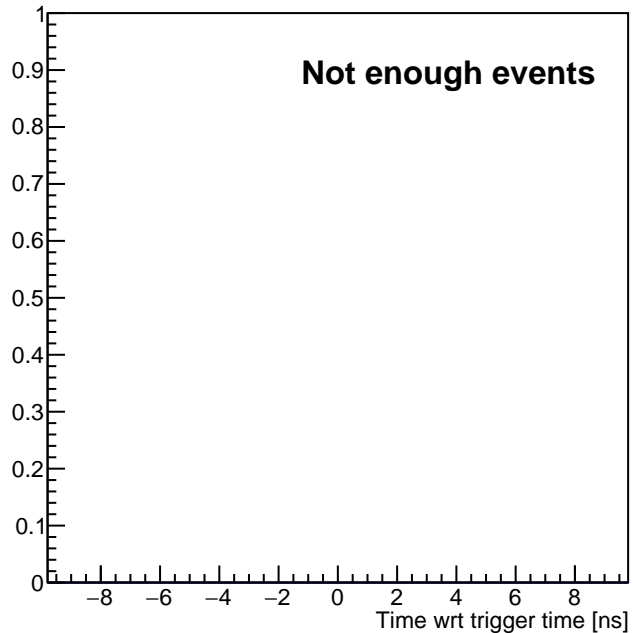
### Primitive time resolution 60



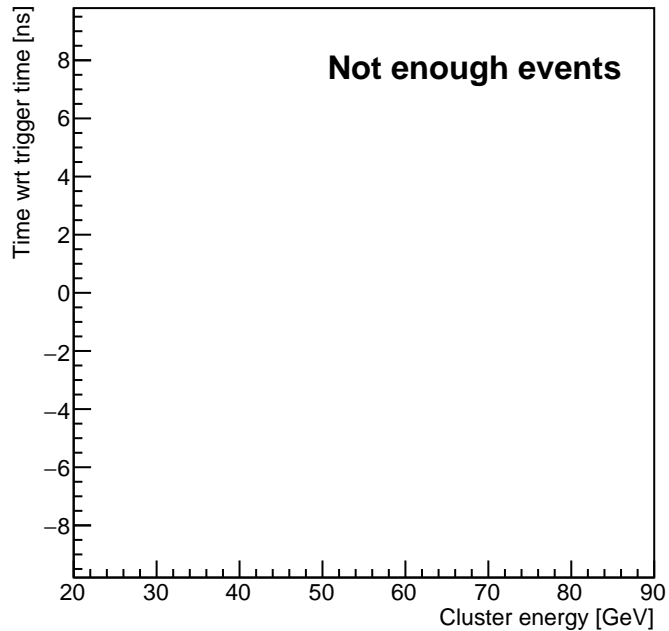
### Cluster time vs energy61



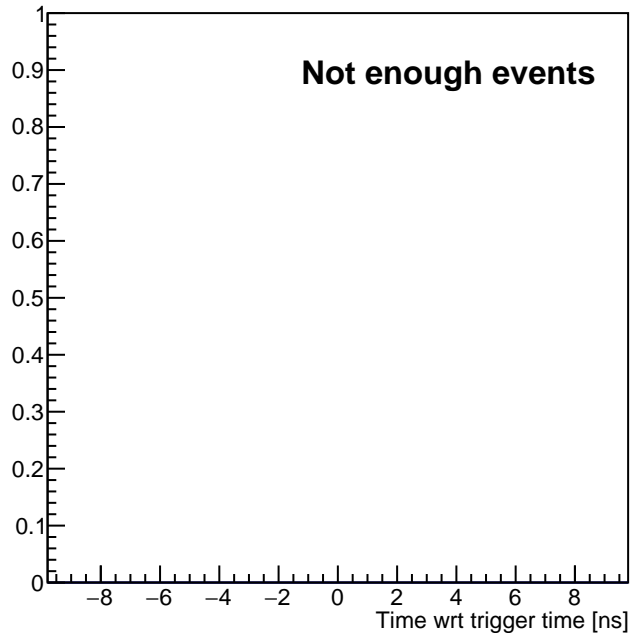
### Primitive time resolution 61



### Cluster time vs energy62

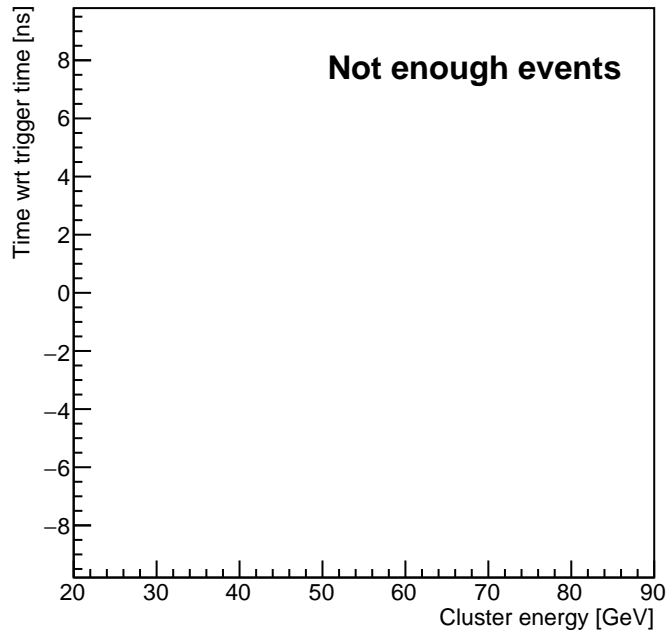


### Primitive time resolution 62

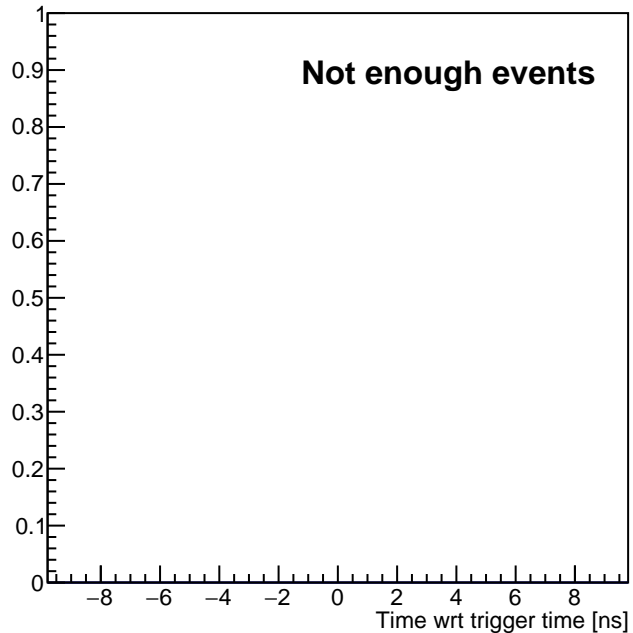




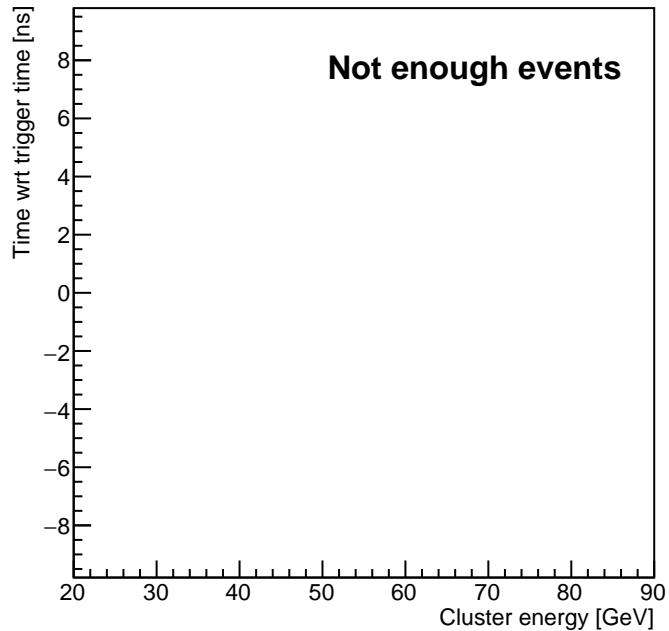
### Cluster time vs energy63



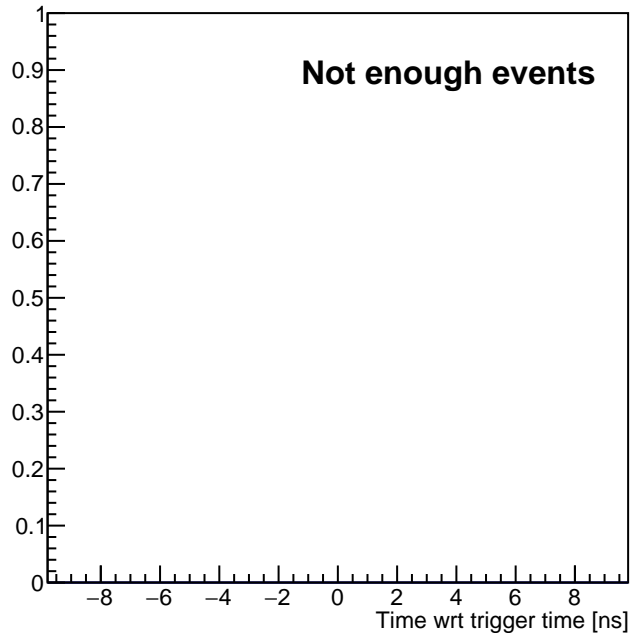
### Primitive time resolution 63



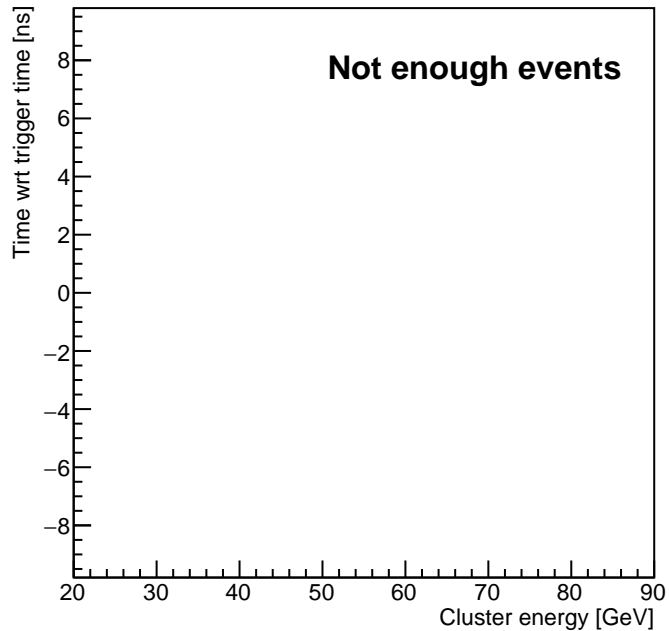
### Cluster time vs energy64



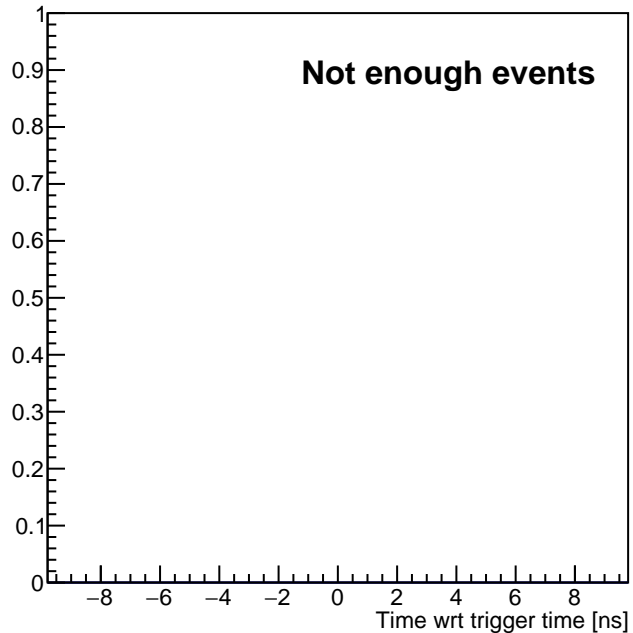
### Primitive time resolution 64



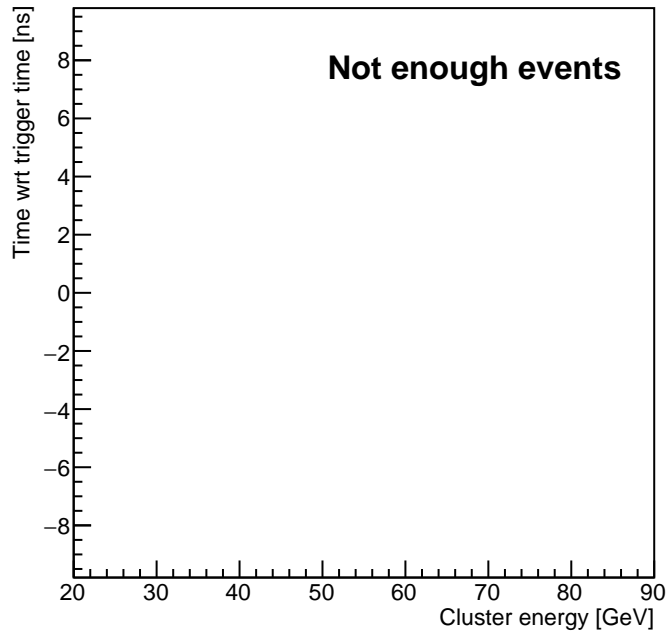
### Cluster time vs energy65



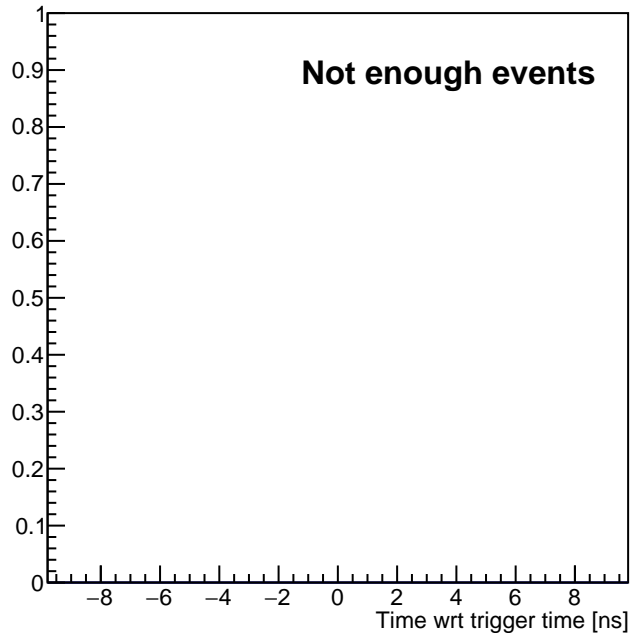
### Primitive time resolution 65



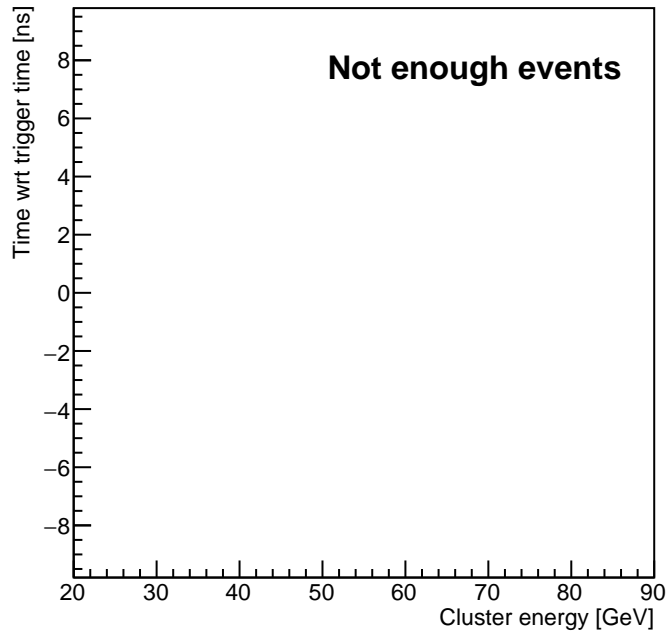
### Cluster time vs energy66



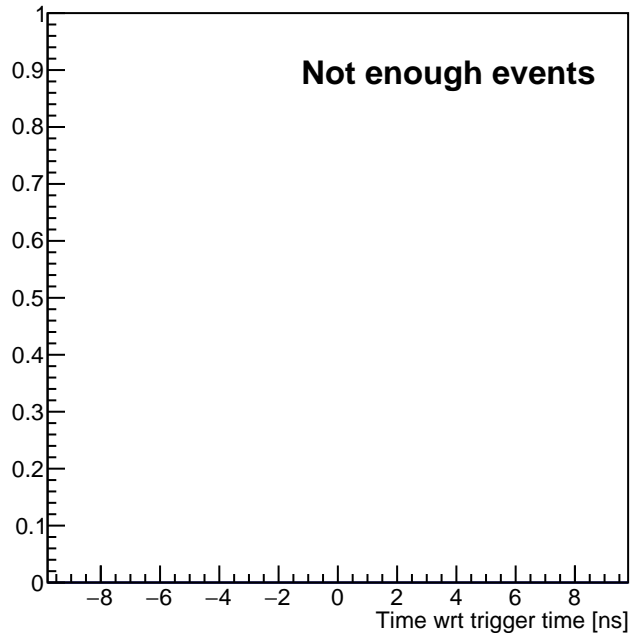
### Primitive time resolution 66



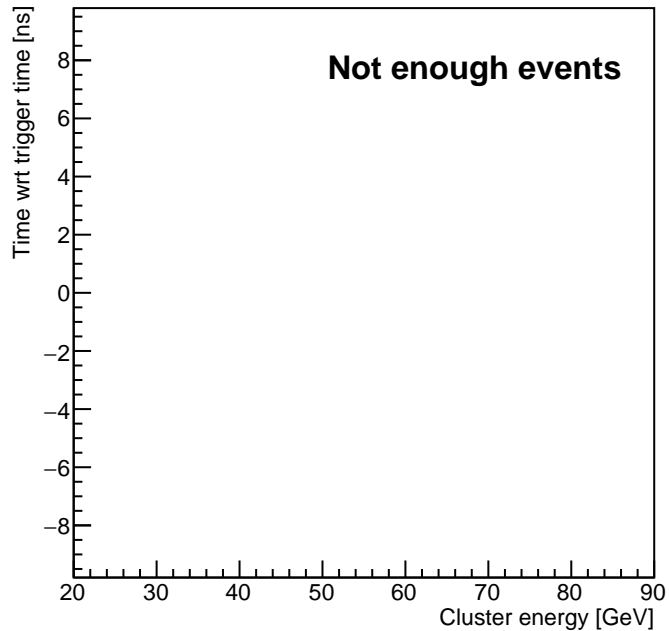
### Cluster time vs energy69



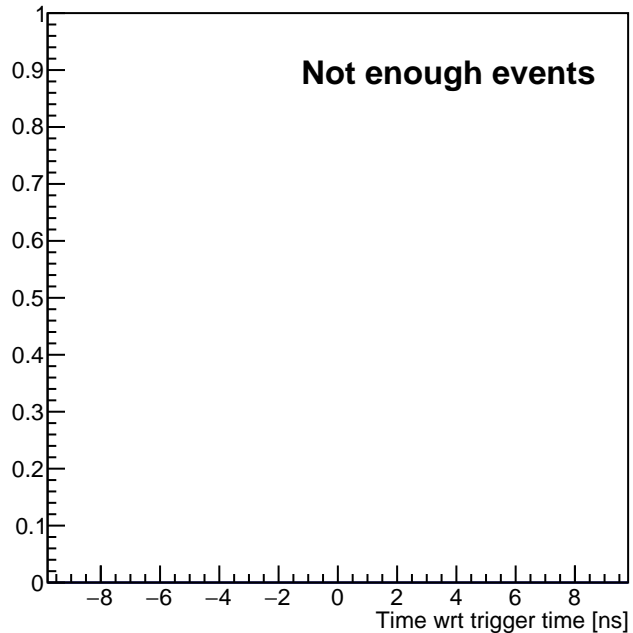
### Primitive time resolution 69



### Cluster time vs energy70



### Primitive time resolution 70



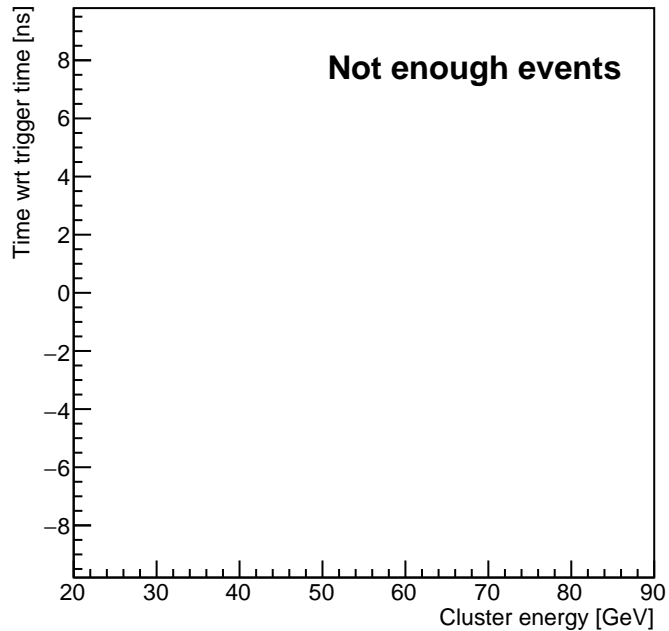
### Cluster time vs energy71



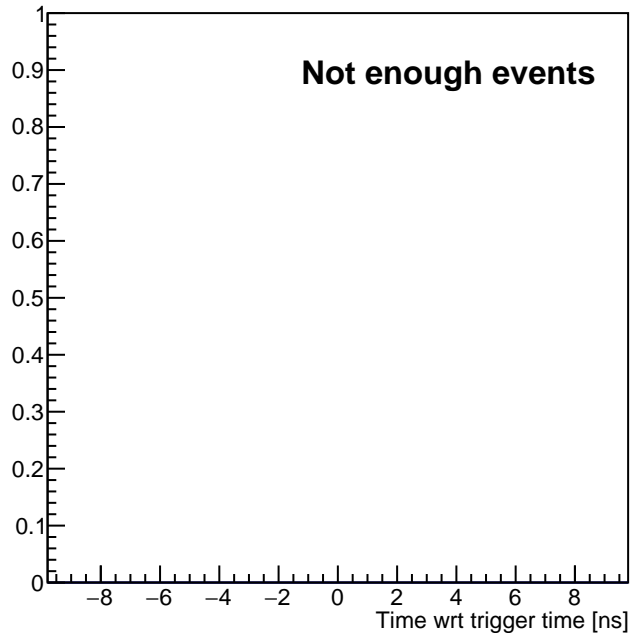
### Primitive time resolution 71



### Cluster time vs energy72

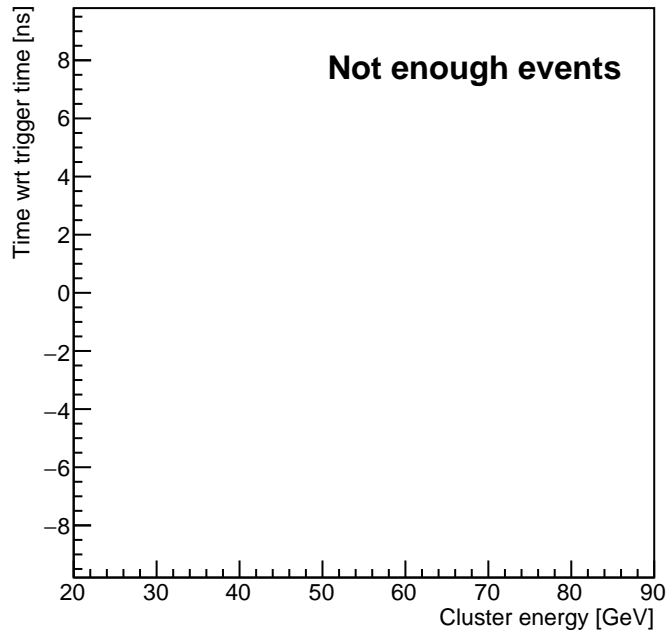


### Primitive time resolution 72

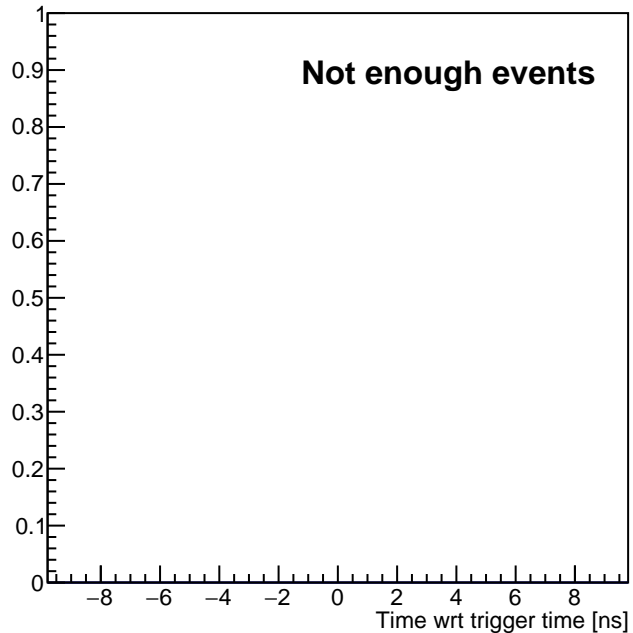




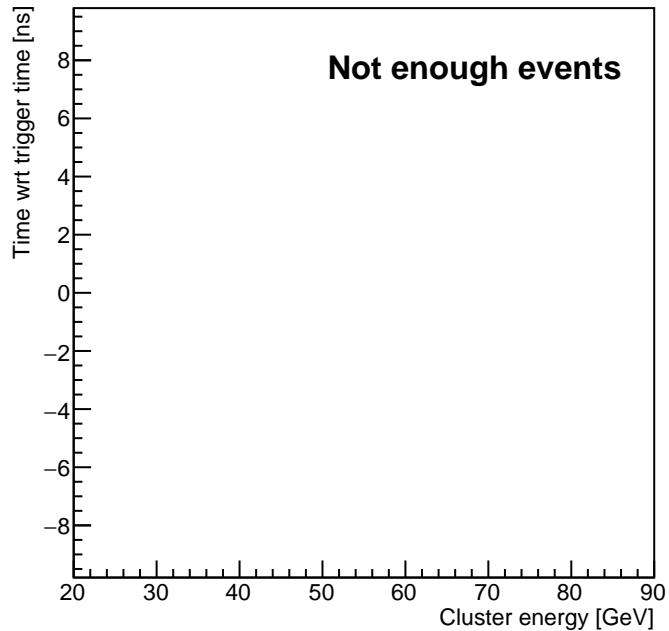
### Cluster time vs energy73



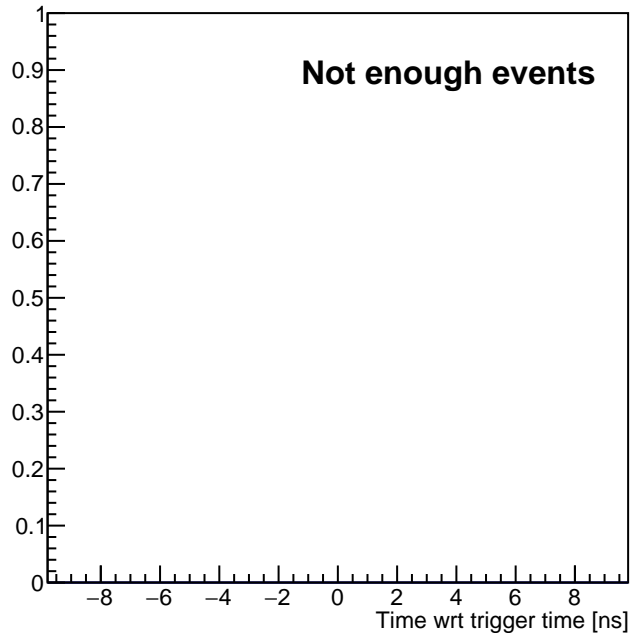
### Primitive time resolution 73



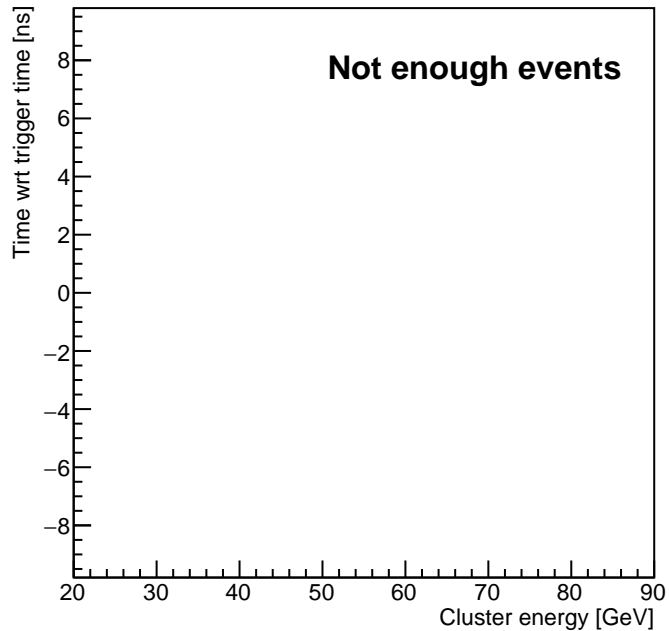
### Cluster time vs energy74



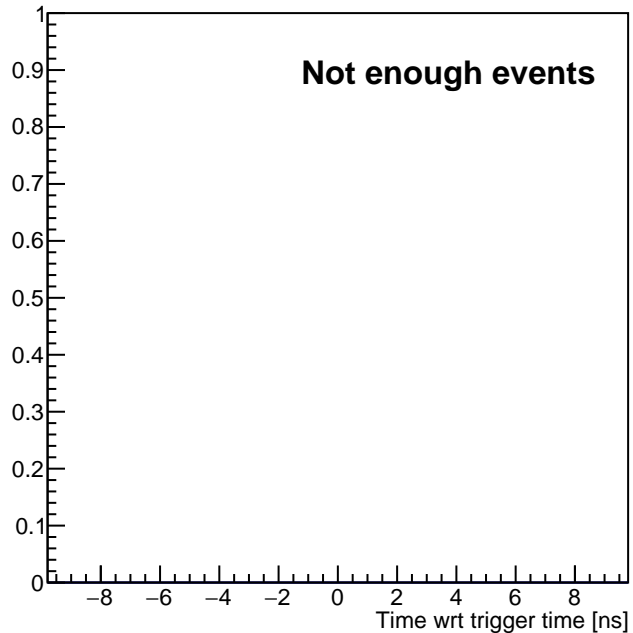
### Primitive time resolution 74



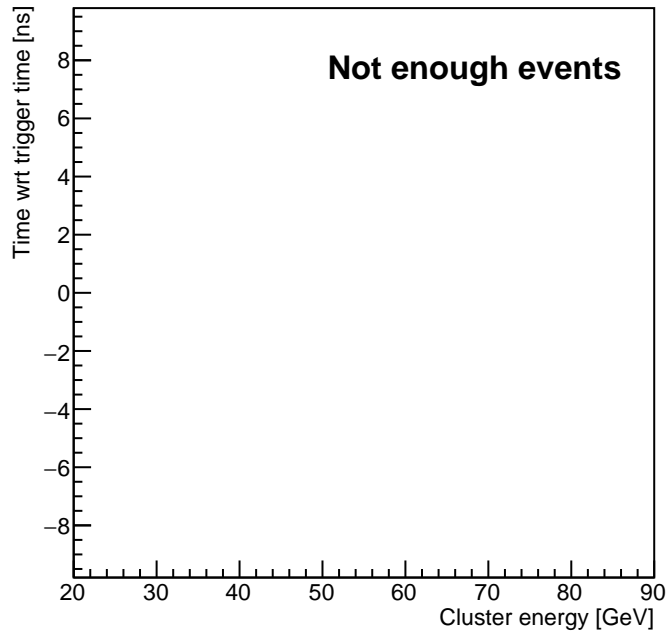
### Cluster time vs energy75



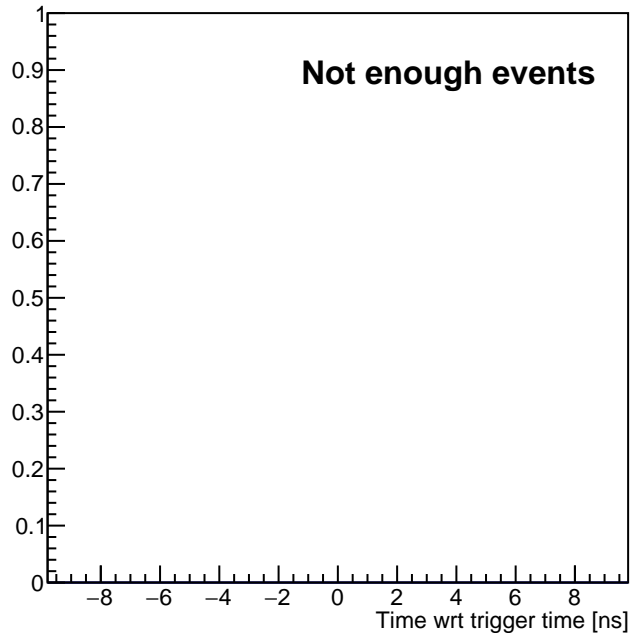
### Primitive time resolution 75



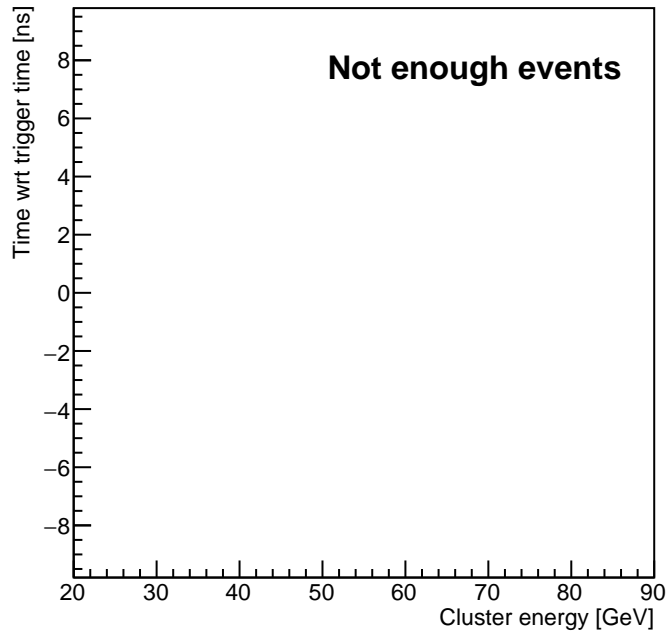
### Cluster time vs energy76



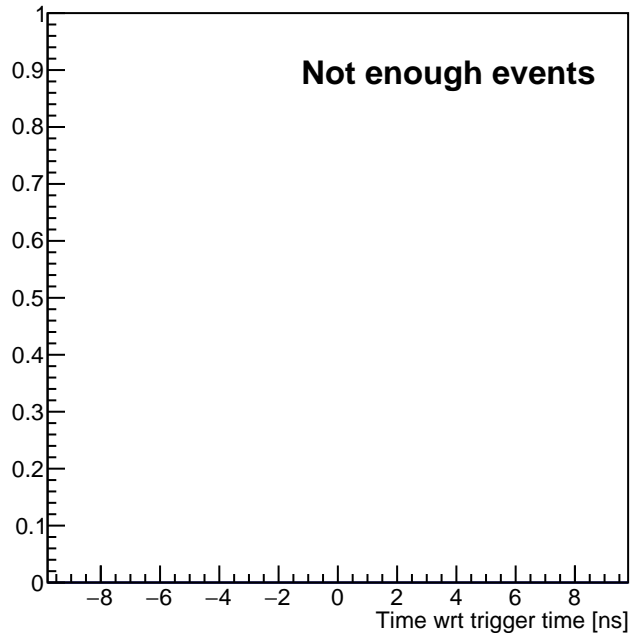
### Primitive time resolution 76



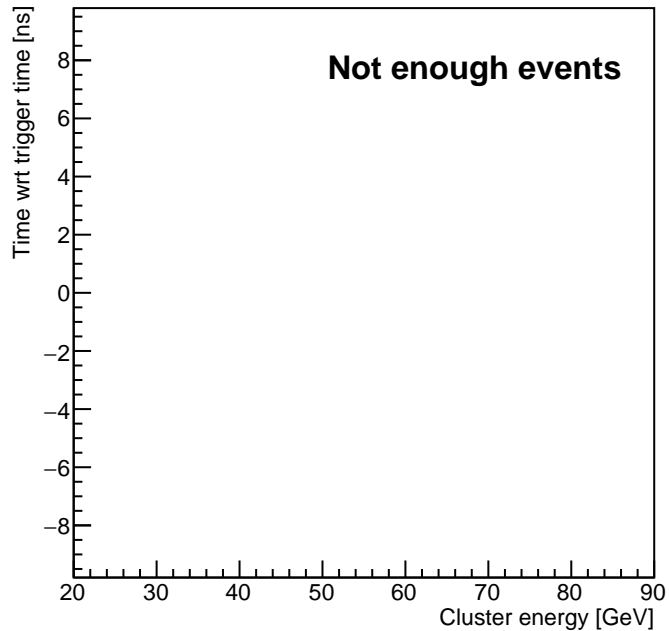
### Cluster time vs energy77



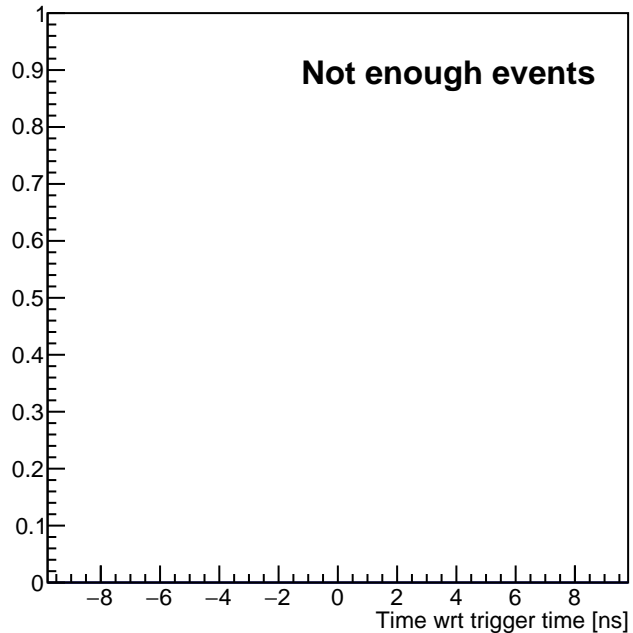
### Primitive time resolution 77



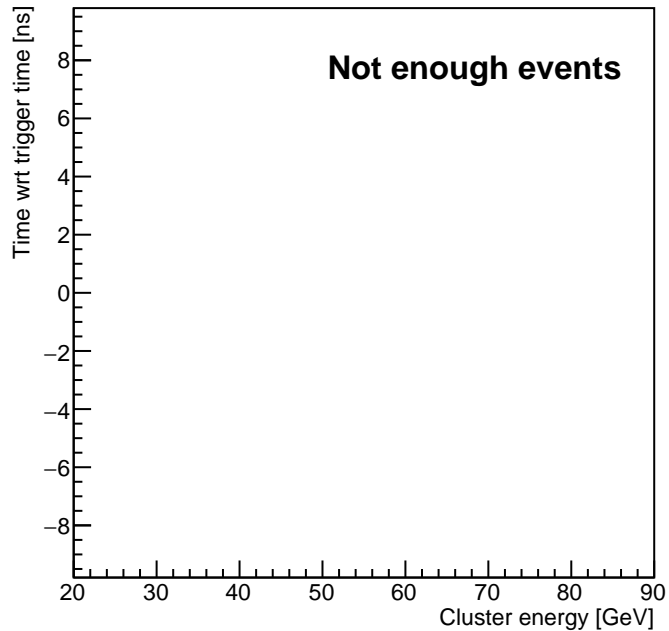
### Cluster time vs energy78



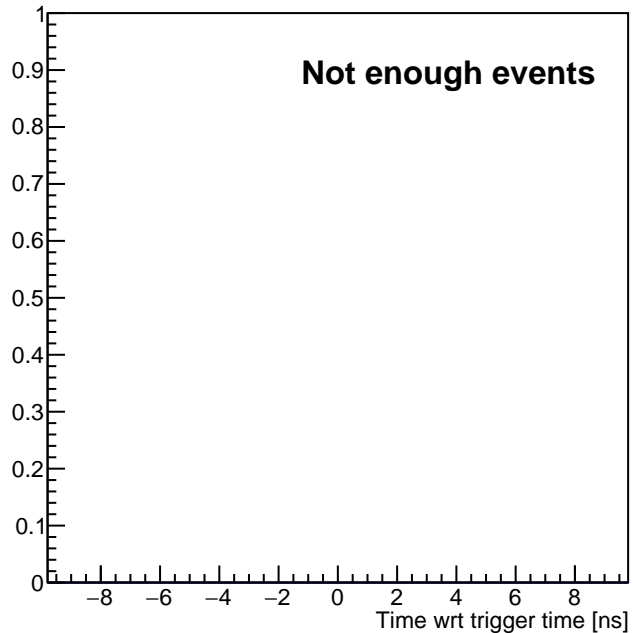
### Primitive time resolution 78



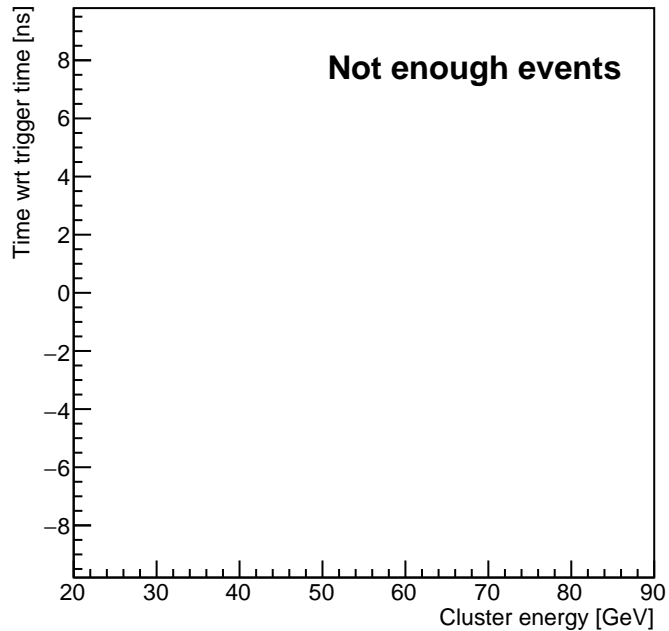
### Cluster time vs energy79



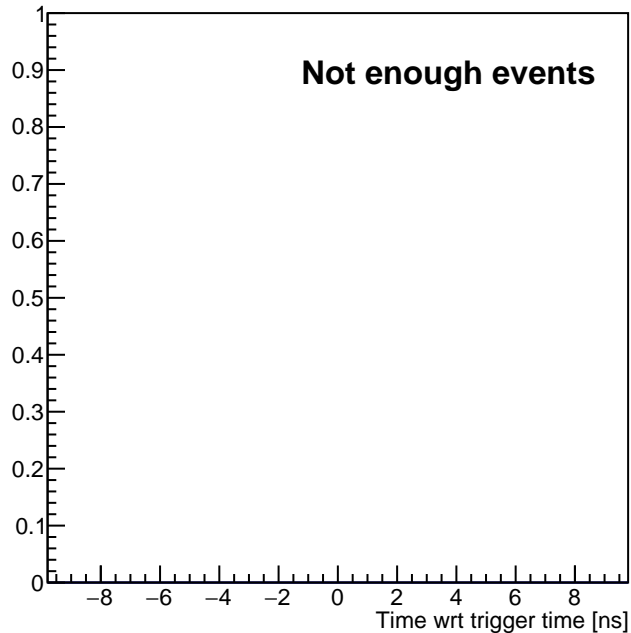
### Primitive time resolution 79



### Cluster time vs energy80

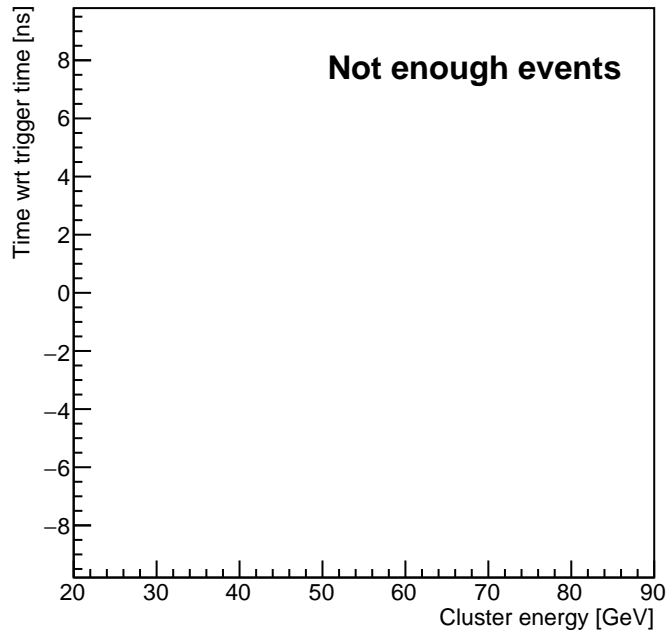


### Primitive time resolution 80

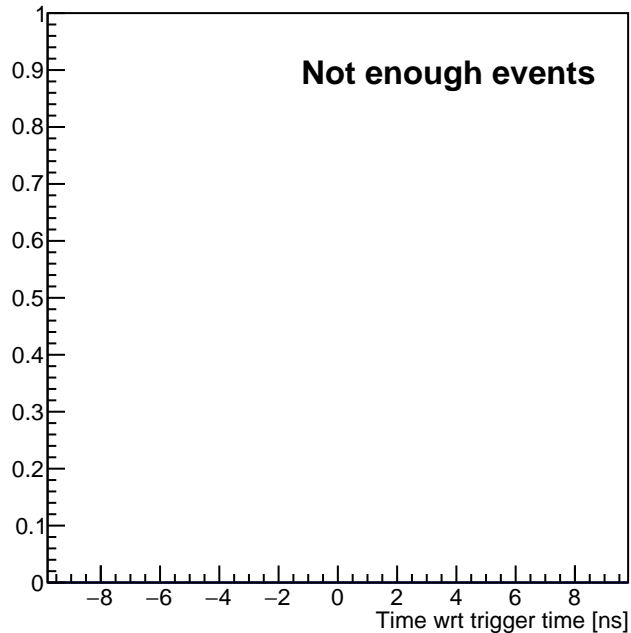




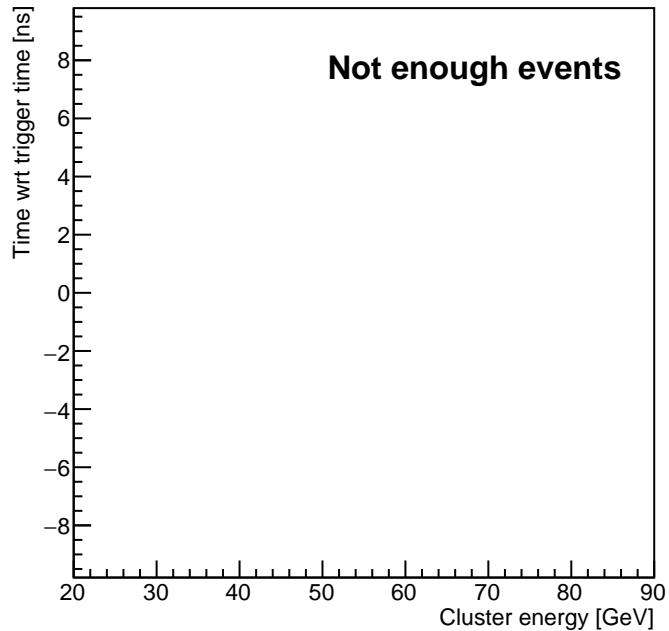
### Cluster time vs energy81



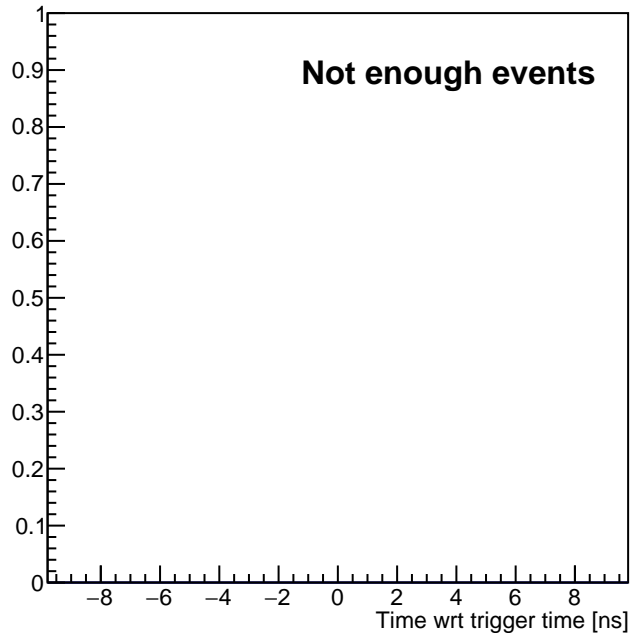
### Primitive time resolution 81



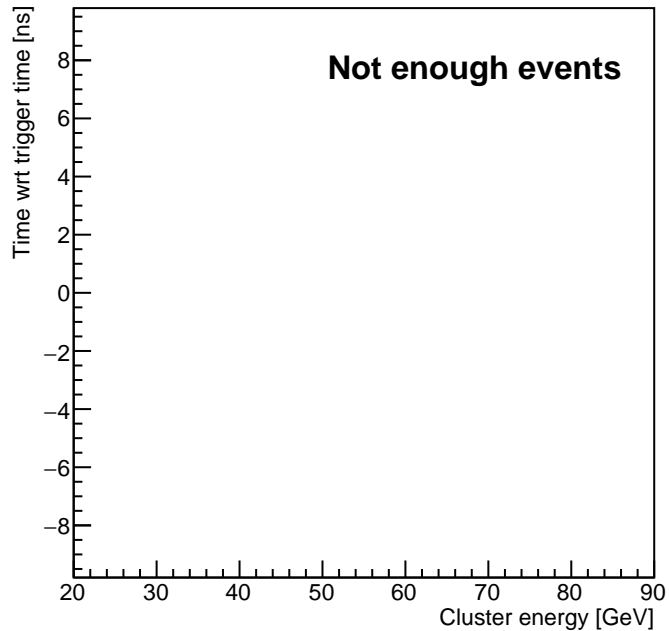
### Cluster time vs energy82



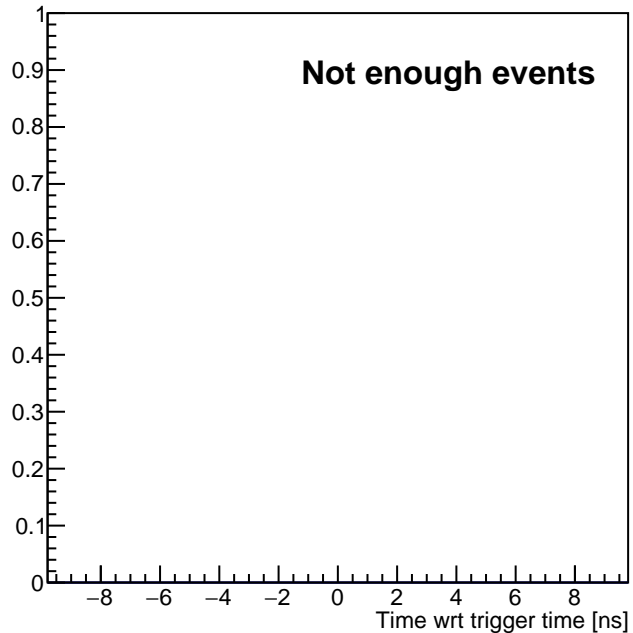
### Primitive time resolution 82



### Cluster time vs energy83



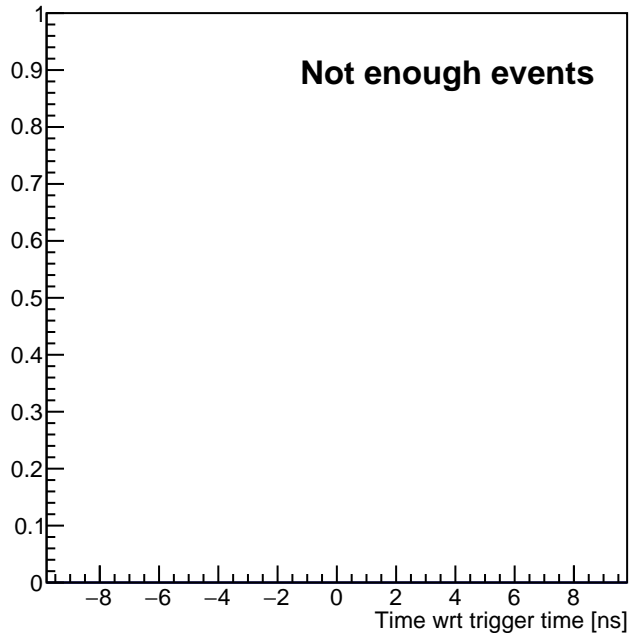
### Primitive time resolution 83



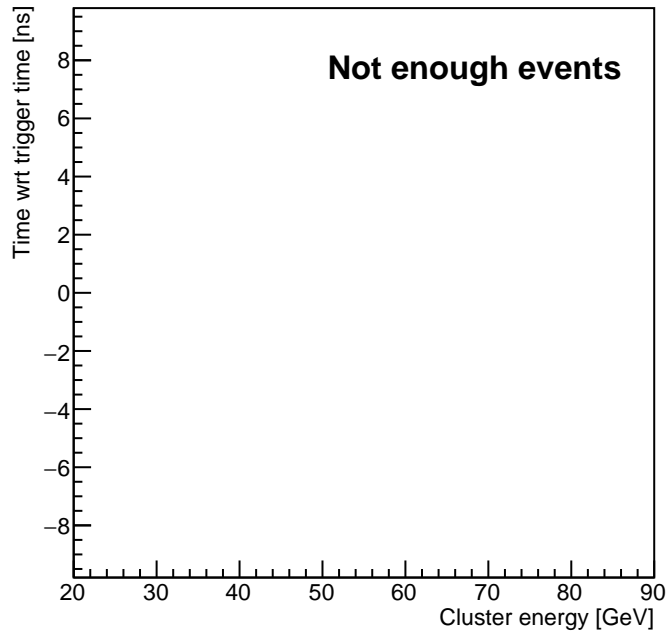
### Cluster time vs energy84



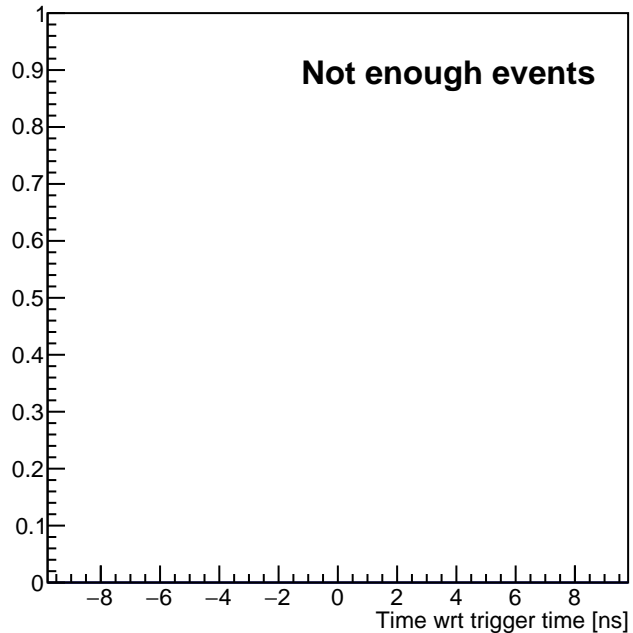
### Primitive time resolution 84



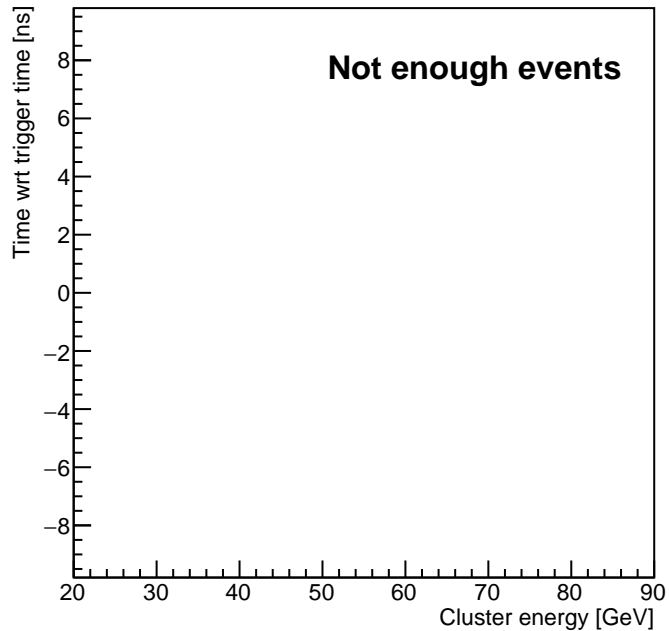
### Cluster time vs energy85



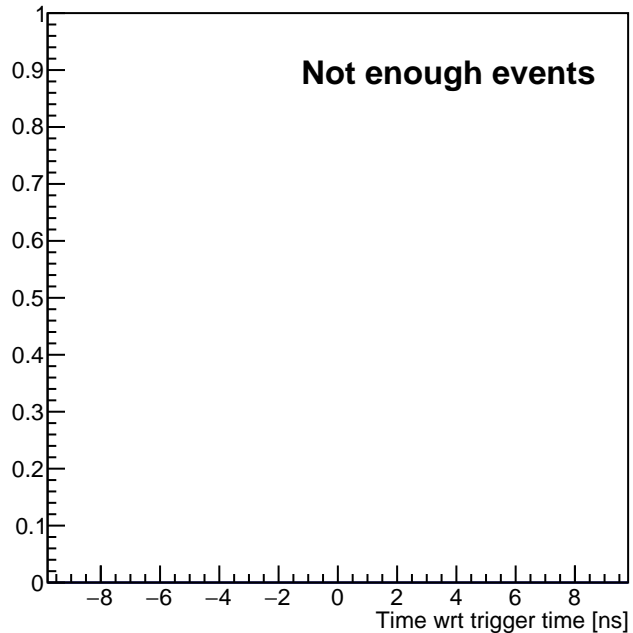
### Primitive time resolution 85



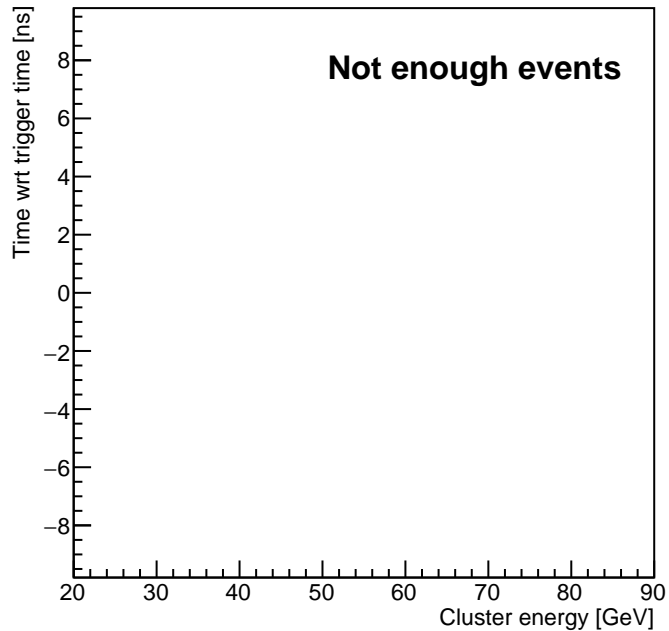
### Cluster time vs energy86



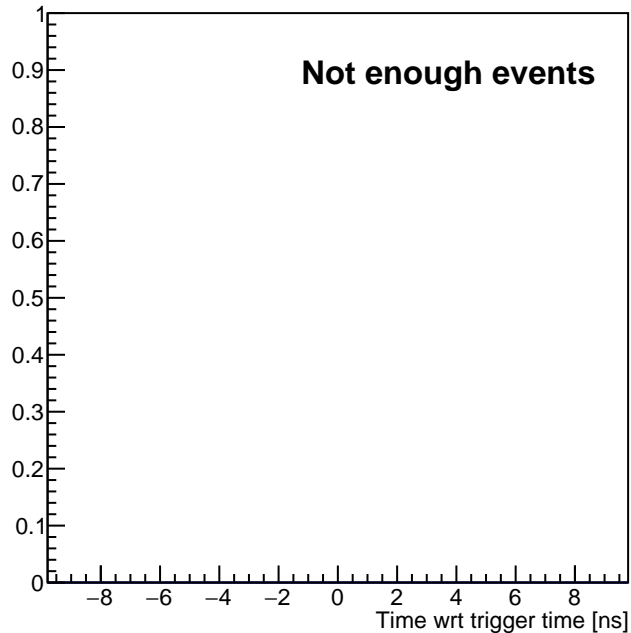
### Primitive time resolution 86



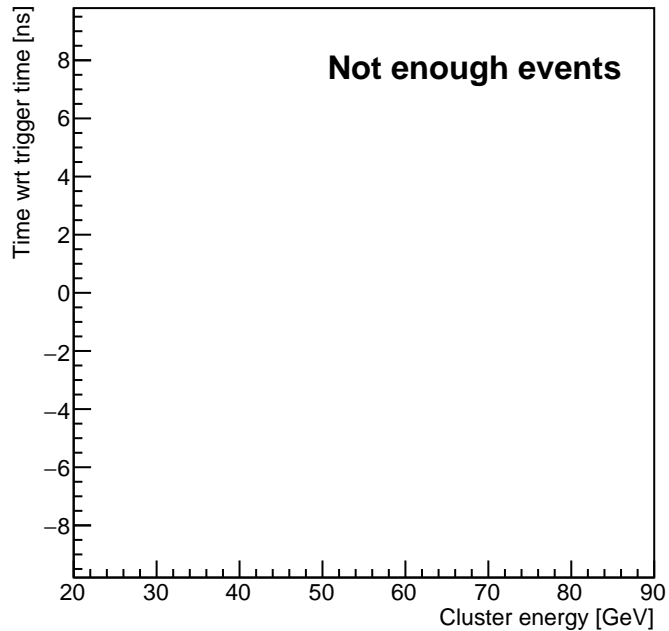
### Cluster time vs energy87



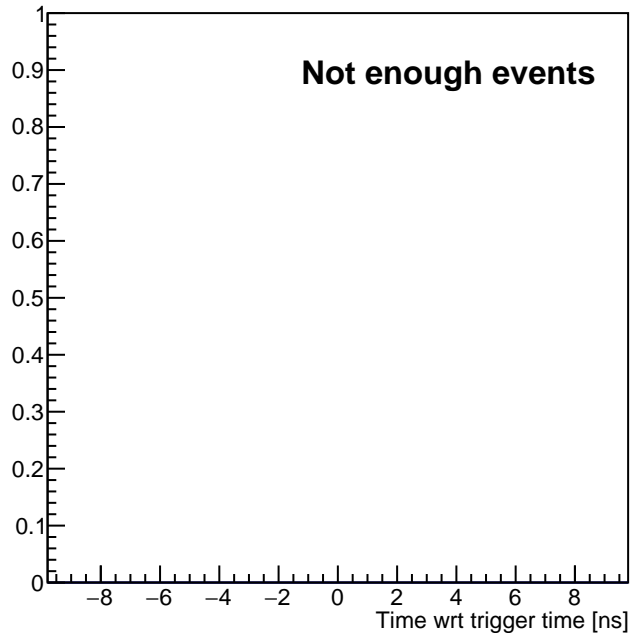
### Primitive time resolution 87



### Cluster time vs energy88

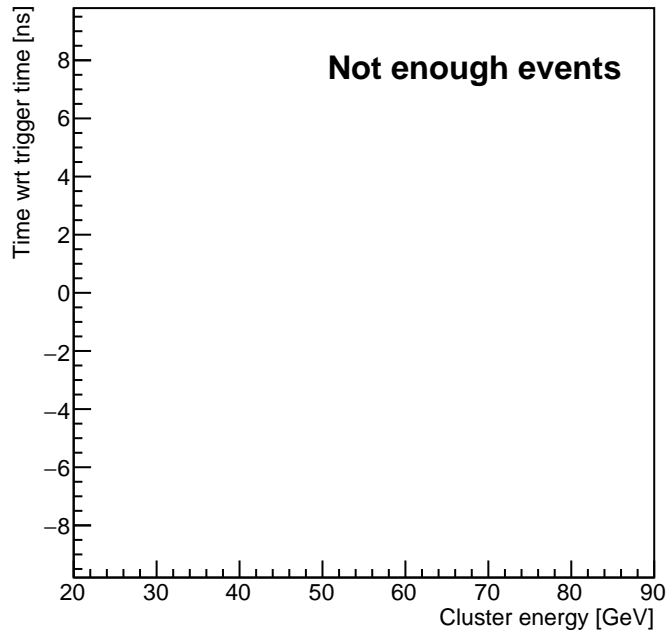


### Primitive time resolution 88

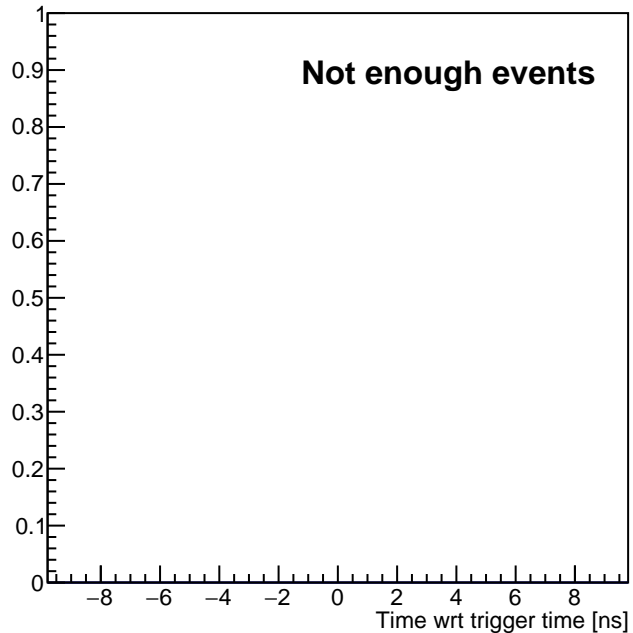




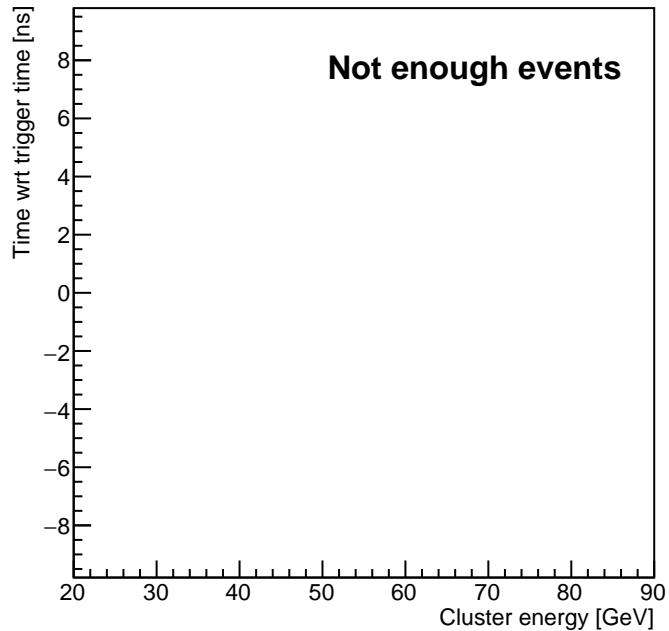
### Cluster time vs energy89



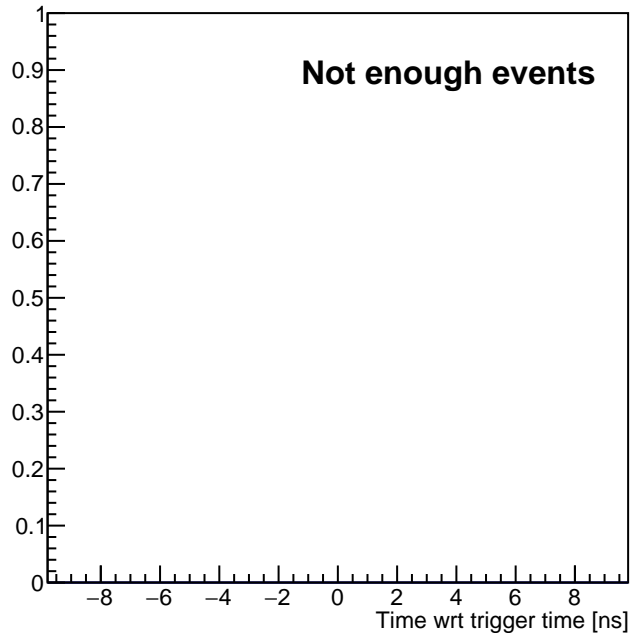
### Primitive time resolution 89



### Cluster time vs energy90



### Primitive time resolution 90



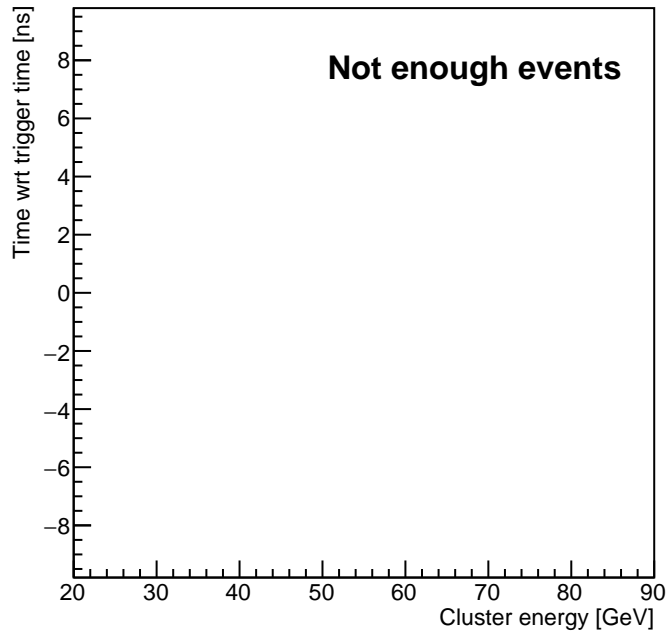
### Cluster time vs energy91



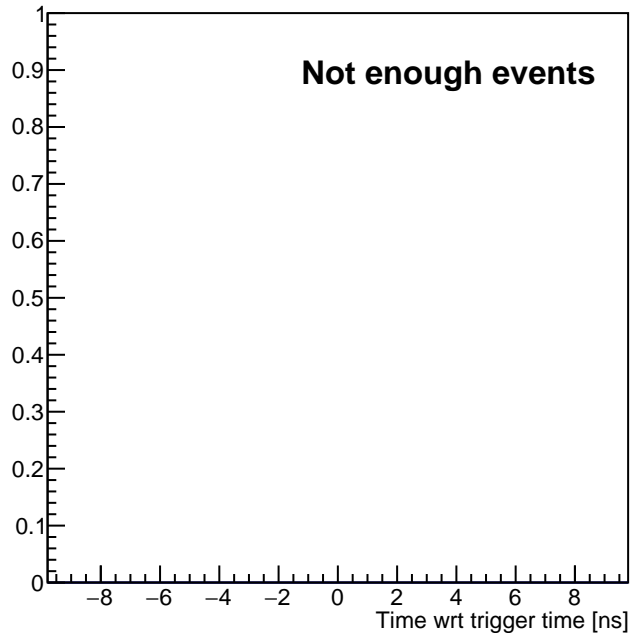
### Primitive time resolution 91



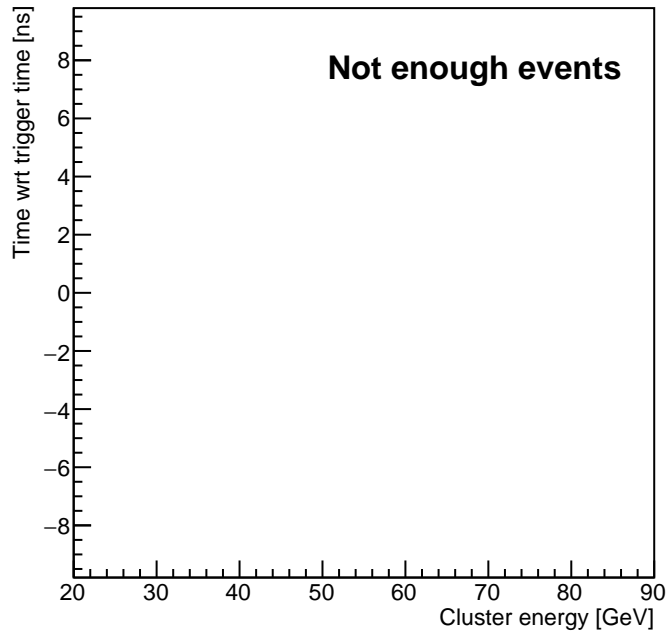
### Cluster time vs energy92



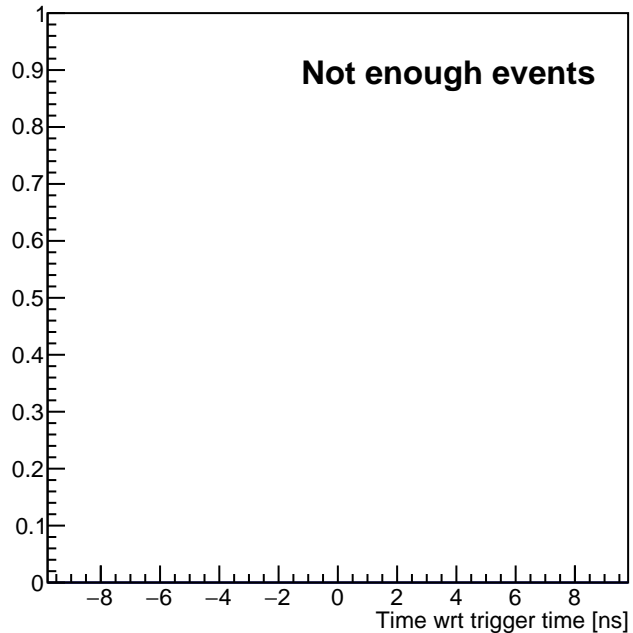
### Primitive time resolution 92



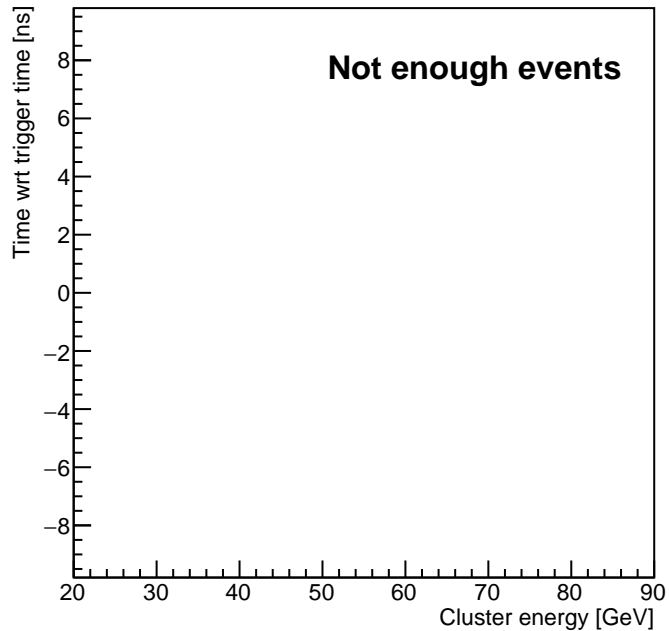
### Cluster time vs energy93



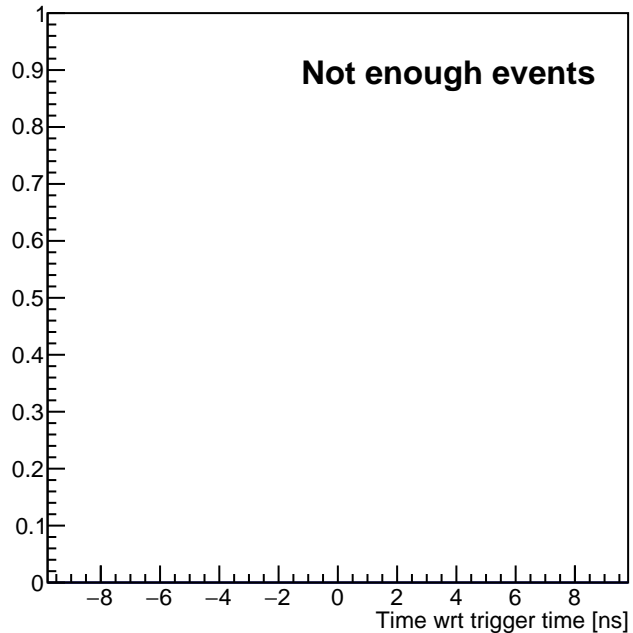
### Primitive time resolution 93



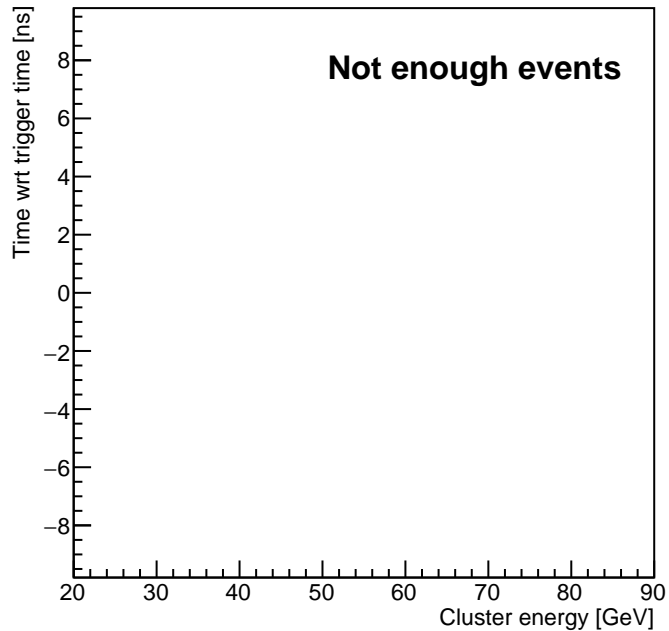
### Cluster time vs energy94



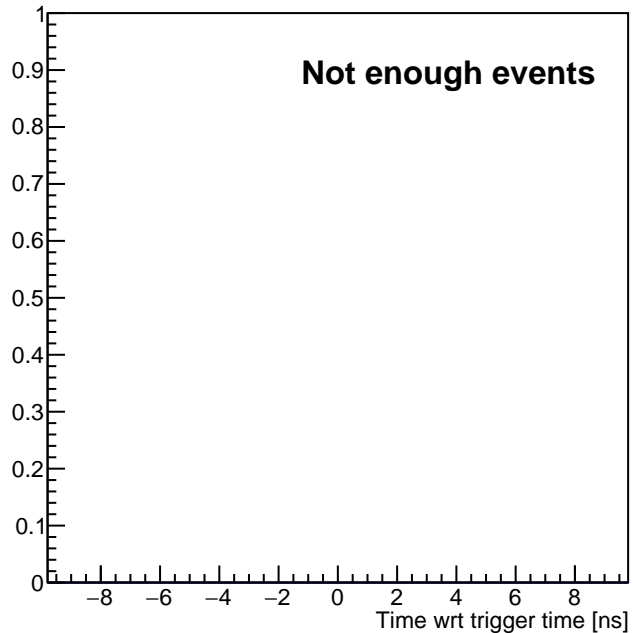
### Primitive time resolution 94



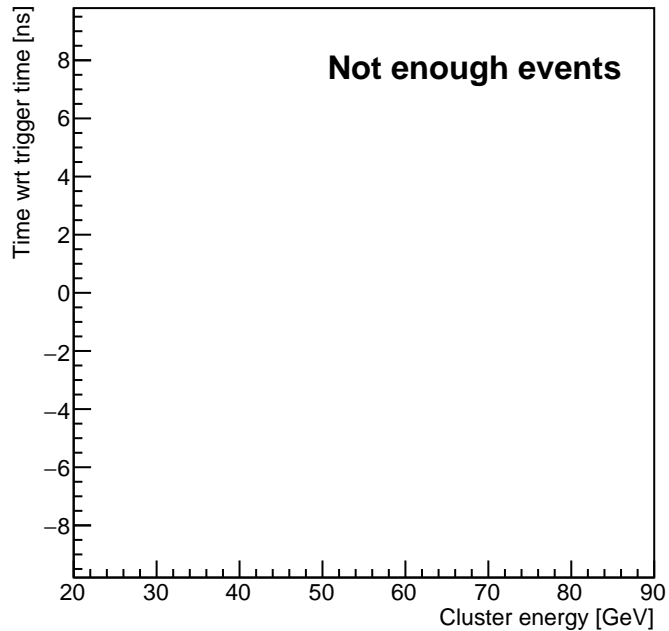
### Cluster time vs energy95



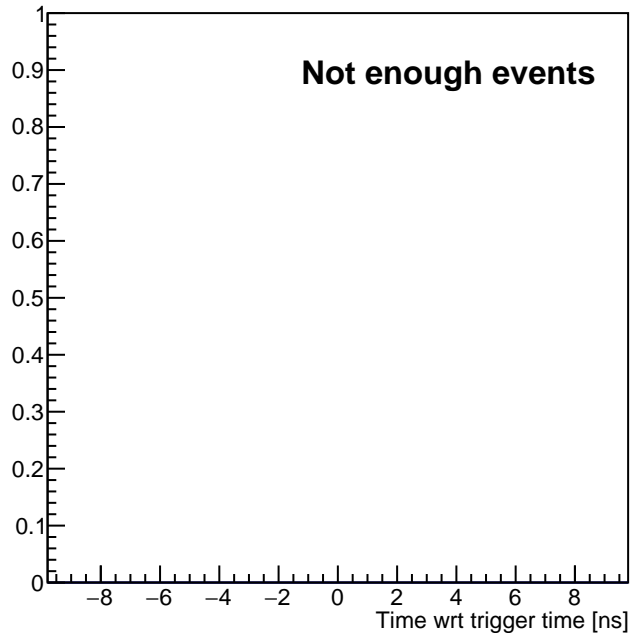
### Primitive time resolution 95



### Cluster time vs energy96

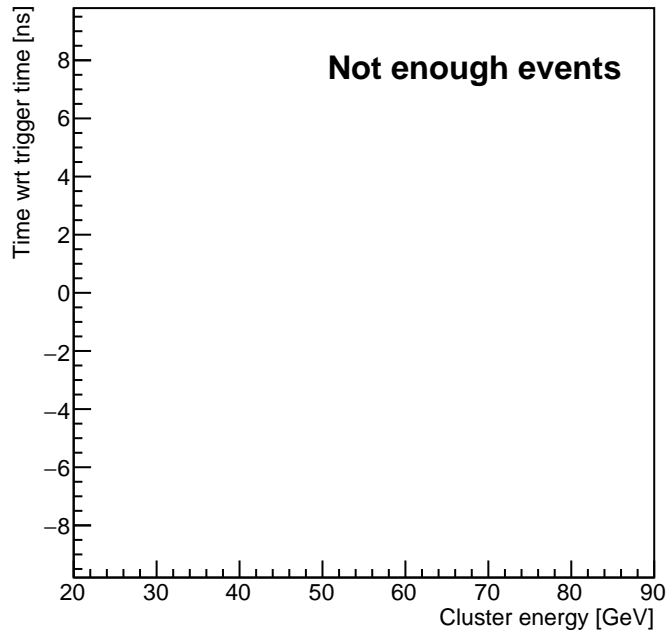


### Primitive time resolution 96

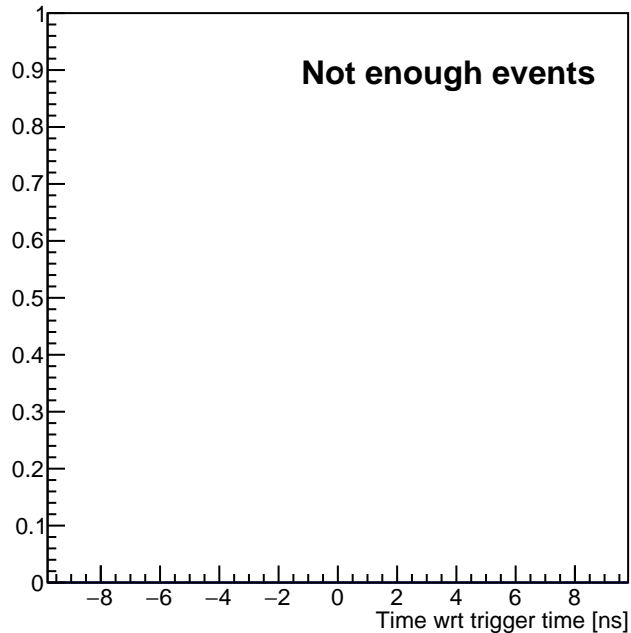




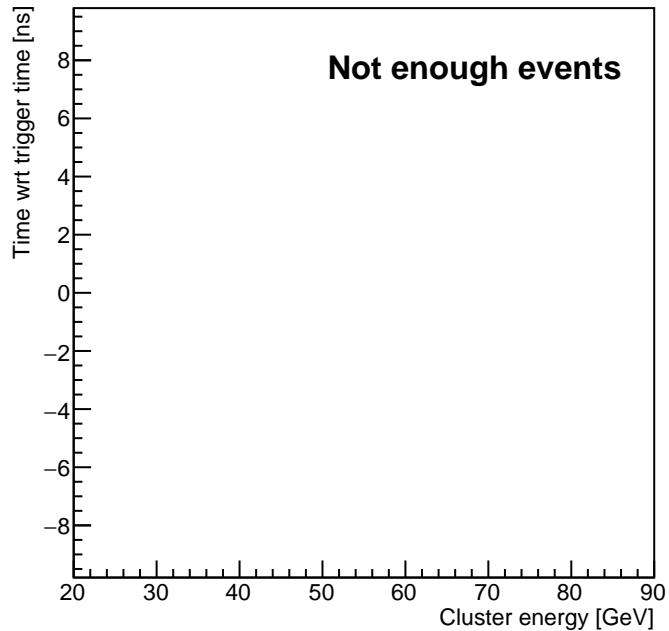
### Cluster time vs energy97



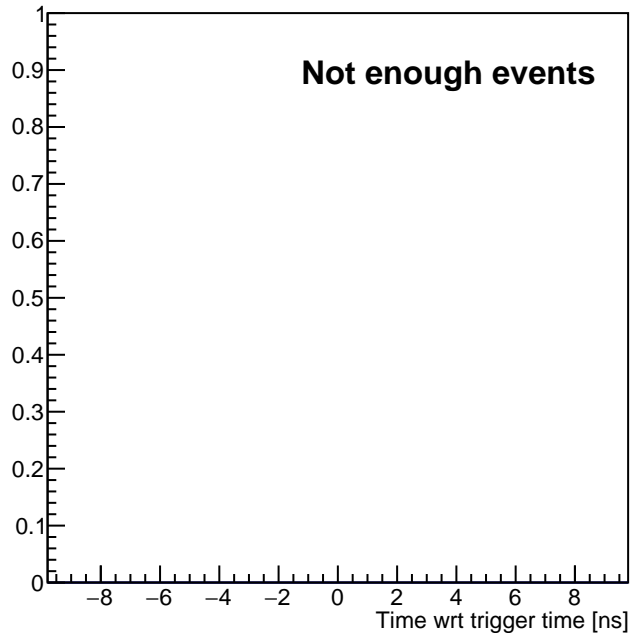
### Primitive time resolution 97



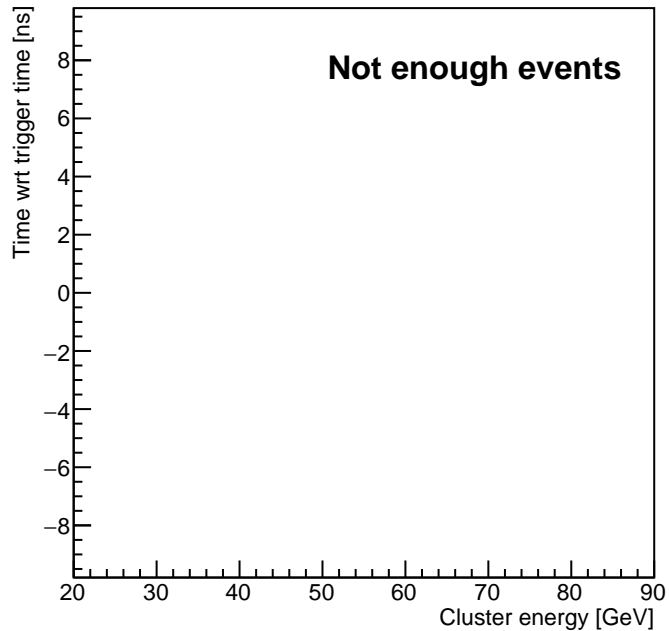
### Cluster time vs energy98



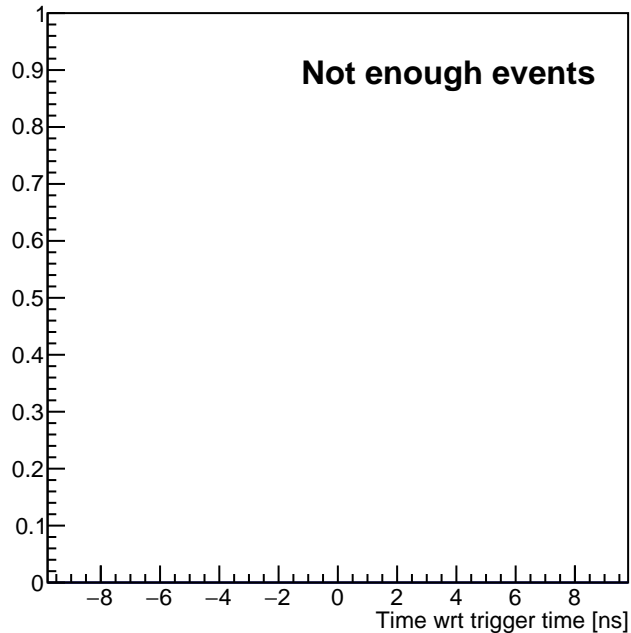
### Primitive time resolution 98



### Cluster time vs energy99



### Primitive time resolution 99



### Cluster time vs energy100



### Primitive time resolution 100



### Cluster time vs energy103



### Primitive time resolution 103



### Cluster time vs energy104



### Primitive time resolution 104



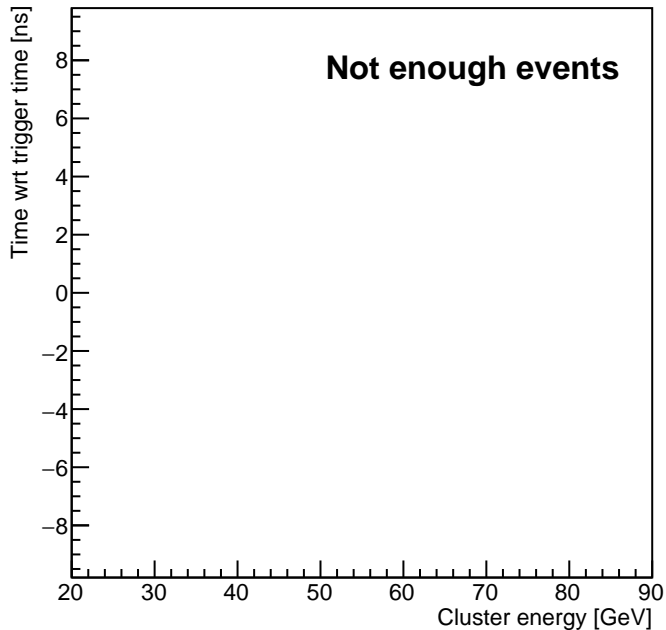
Cluster time vs energy105



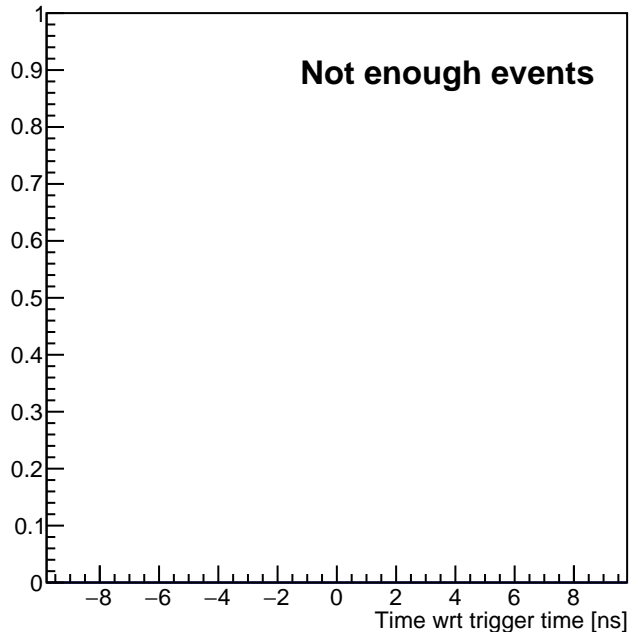
Primitive time resolution 105



### Cluster time vs energy106



### Primitive time resolution 106





### Cluster time vs energy107



### Primitive time resolution 107



### Cluster time vs energy108



### Primitive time resolution 108



### Cluster time vs energy109



### Primitive time resolution 109



### Cluster time vs energy110



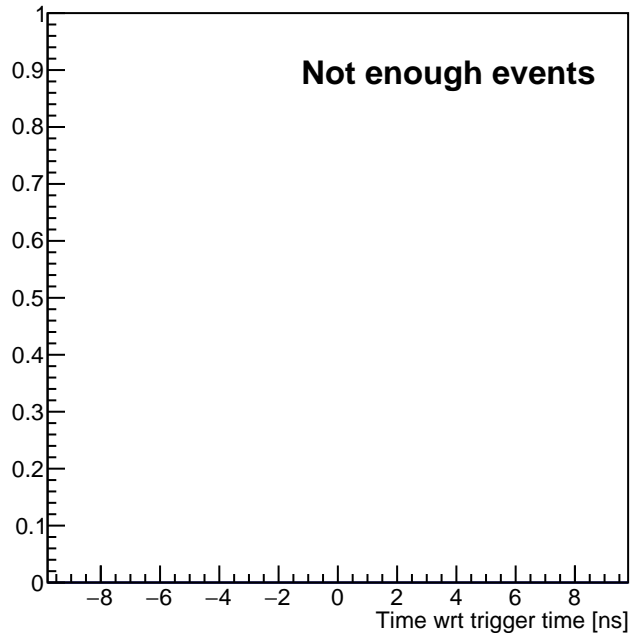
### Primitive time resolution 110



### Cluster time vs energy111



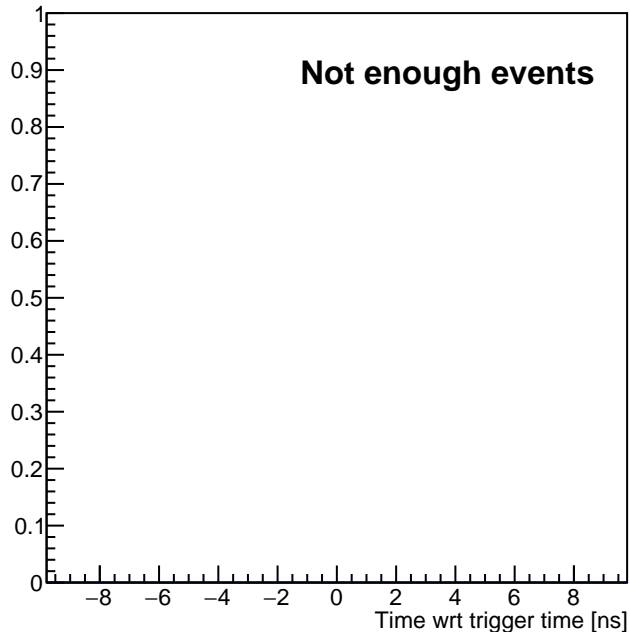
### Primitive time resolution 111



### Cluster time vs energy112



### Primitive time resolution 112



### Cluster time vs energy113



### Primitive time resolution 113



### Cluster time vs energy114



### Primitive time resolution 114





### Cluster time vs energy115



### Primitive time resolution 115



### Cluster time vs energy116



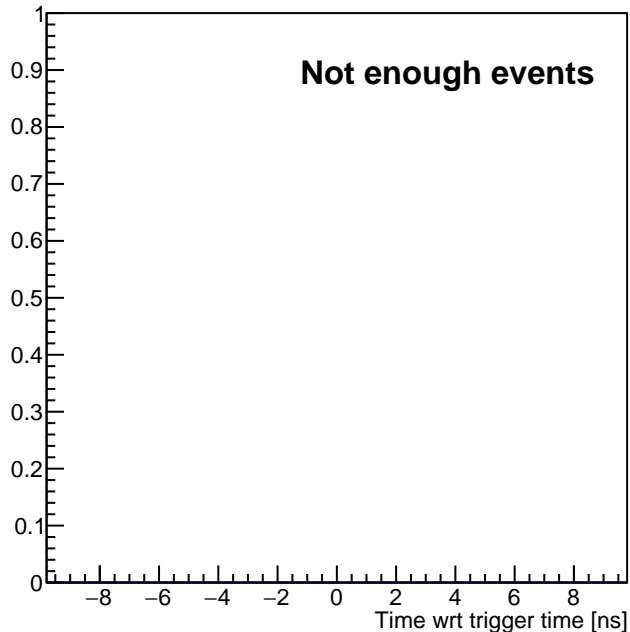
### Primitive time resolution 116



### Cluster time vs energy117



### Primitive time resolution 117



### Cluster time vs energy118



### Primitive time resolution 118



### Cluster time vs energy119



### Primitive time resolution 119



### Cluster time vs energy120



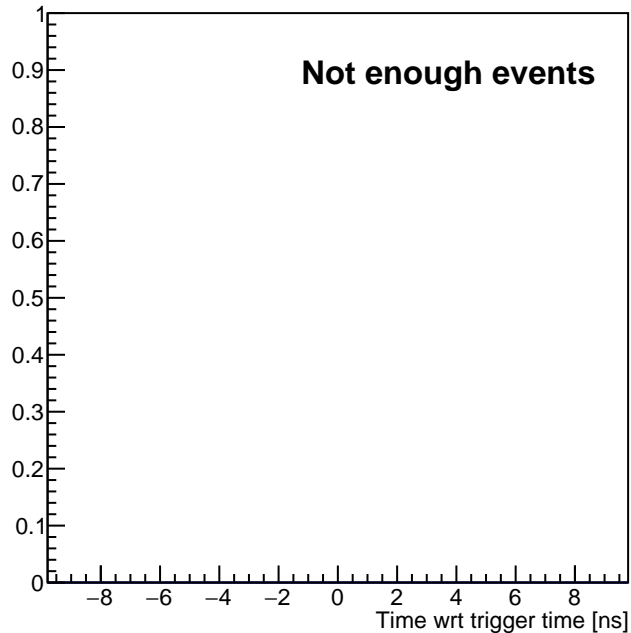
### Primitive time resolution 120



Cluster time vs energy121



Primitive time resolution 121



### Cluster time vs energy122



### Primitive time resolution 122





### Cluster time vs energy123



### Primitive time resolution 123



### Cluster time vs energy124



### Primitive time resolution 124



### Cluster time vs energy125



### Primitive time resolution 125



### Cluster time vs energy126



### Primitive time resolution 126



### Cluster time vs energy127



### Primitive time resolution 127



### Cluster time vs energy128



### Primitive time resolution 128



### Cluster time vs energy129



### Primitive time resolution 129



### Cluster time vs energy130



### Primitive time resolution 130

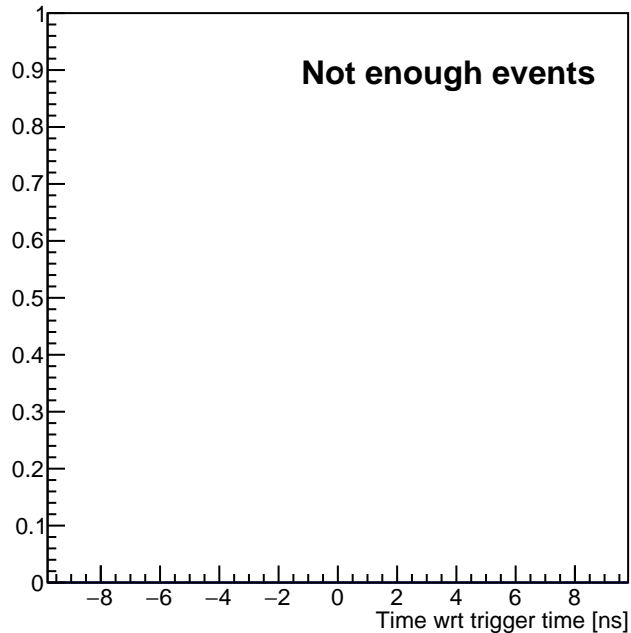




### Cluster time vs energy131



### Primitive time resolution 131



### Cluster time vs energy132



### Primitive time resolution 132



### Cluster time vs energy133



### Primitive time resolution 133



### Cluster time vs energy134



### Primitive time resolution 134



### Cluster time vs energy137



### Primitive time resolution 137



### Cluster time vs energy138



### Primitive time resolution 138



### Cluster time vs energy139



### Primitive time resolution 139



### Cluster time vs energy140



### Primitive time resolution 140





Cluster time vs energy141



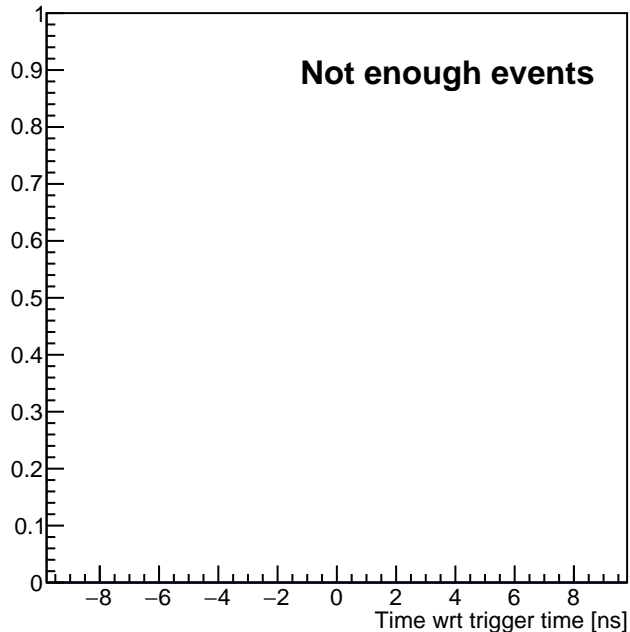
Primitive time resolution 141



### Cluster time vs energy142



### Primitive time resolution 142



### Cluster time vs energy143



### Primitive time resolution 143



### Cluster time vs energy144



### Primitive time resolution 144



### Cluster time vs energy145



### Primitive time resolution 145



### Cluster time vs energy146



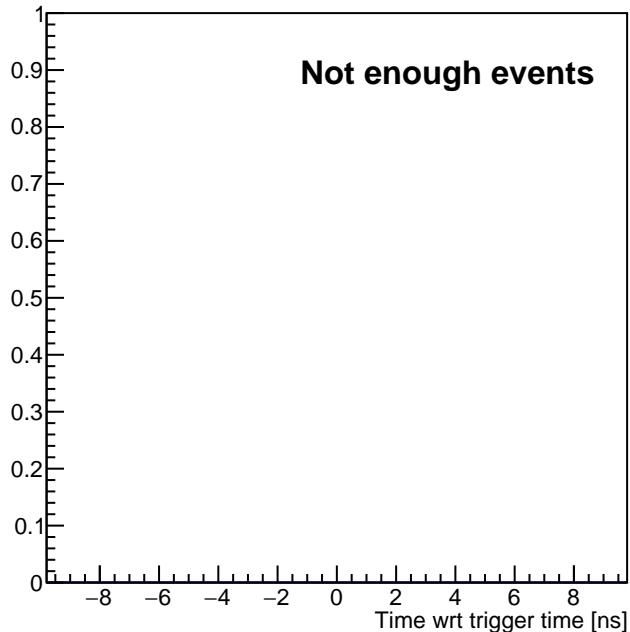
### Primitive time resolution 146



### Cluster time vs energy147



### Primitive time resolution 147



### Cluster time vs energy148



### Primitive time resolution 148





### Cluster time vs energy149



### Primitive time resolution 149



### Cluster time vs energy150



### Primitive time resolution 150



Cluster time vs energy151



Primitive time resolution 151



### Cluster time vs energy152



### Primitive time resolution 152



### Cluster time vs energy153



### Primitive time resolution 153



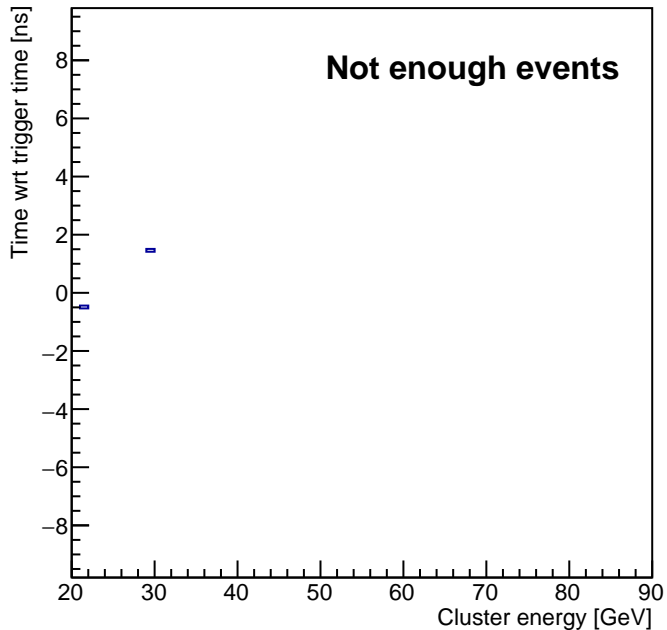
### Cluster time vs energy154



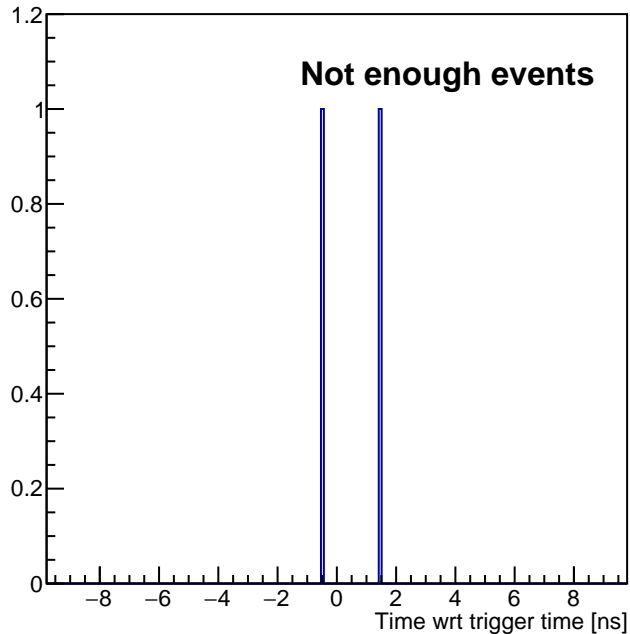
### Primitive time resolution 154



### Cluster time vs energy155



### Primitive time resolution 155



### Cluster time vs energy156



### Primitive time resolution 156





### Cluster time vs energy157



### Primitive time resolution 157



### Cluster time vs energy158



### Primitive time resolution 158



### Cluster time vs energy159



### Primitive time resolution 159



### Cluster time vs energy160



### Primitive time resolution 160



Cluster time vs energy161



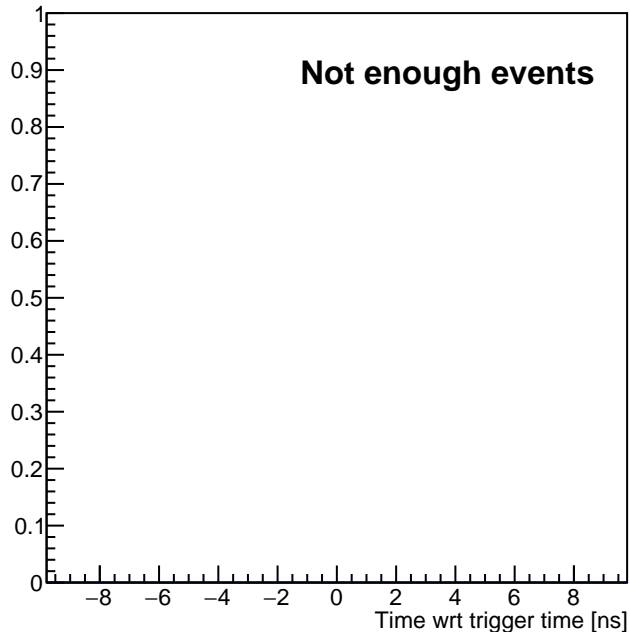
Primitive time resolution 161



### Cluster time vs energy162



### Primitive time resolution 162



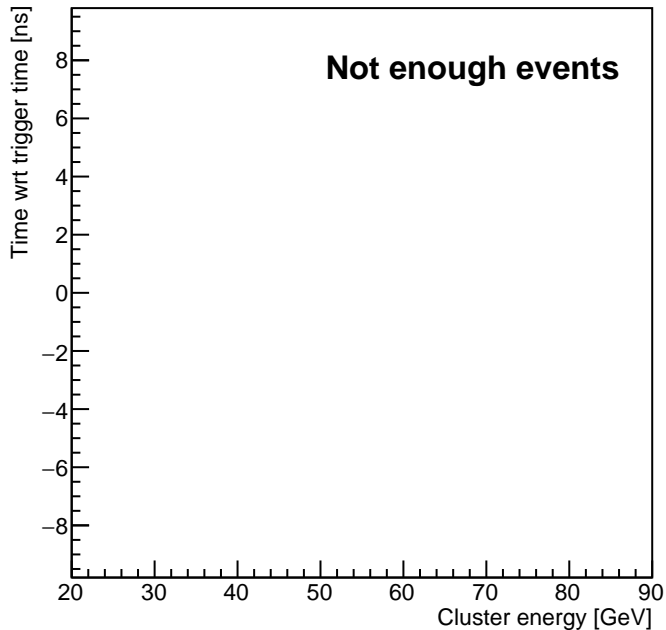
### Cluster time vs energy163



### Primitive time resolution 163



### Cluster time vs energy164



### Primitive time resolution 164





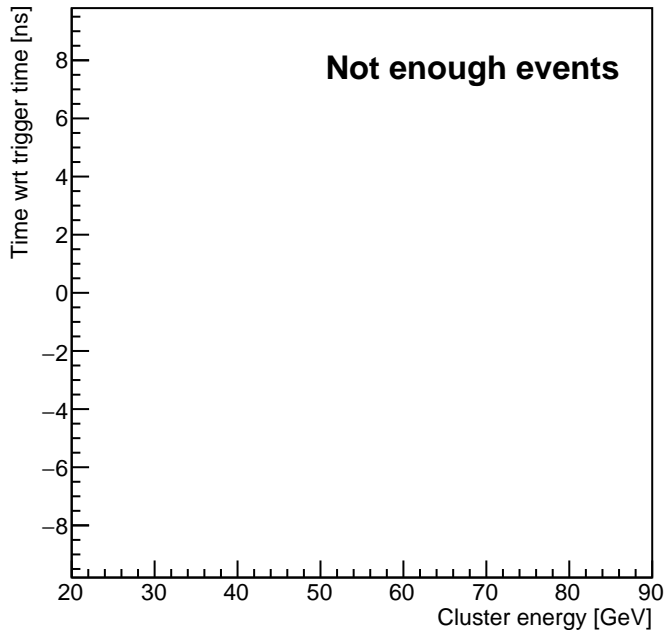
### Cluster time vs energy165



### Primitive time resolution 165



### Cluster time vs energy166



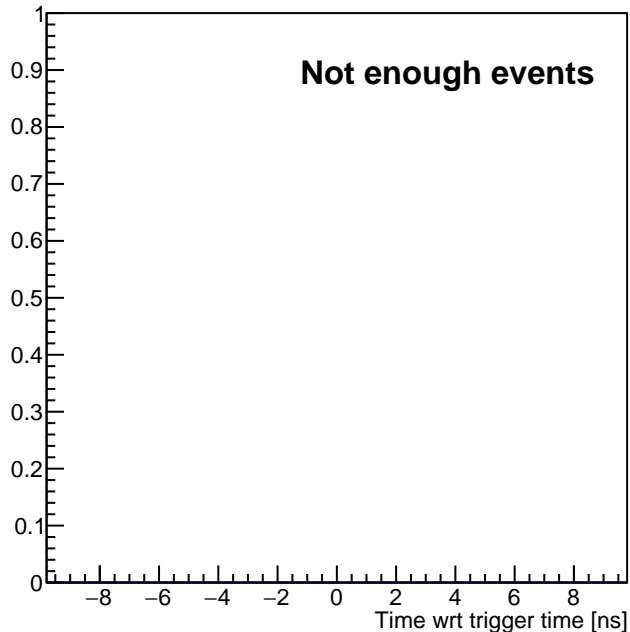
### Primitive time resolution 166



### Cluster time vs energy167



### Primitive time resolution 167



### Cluster time vs energy168



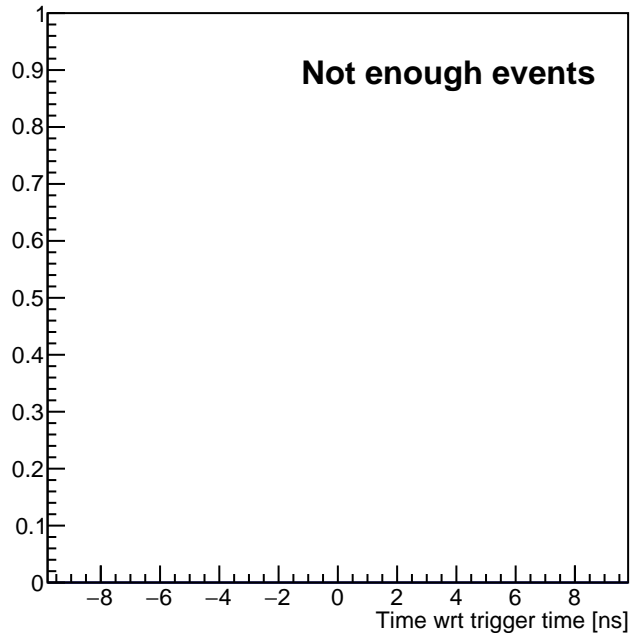
### Primitive time resolution 168



Cluster time vs energy171



Primitive time resolution 171



### Cluster time vs energy172



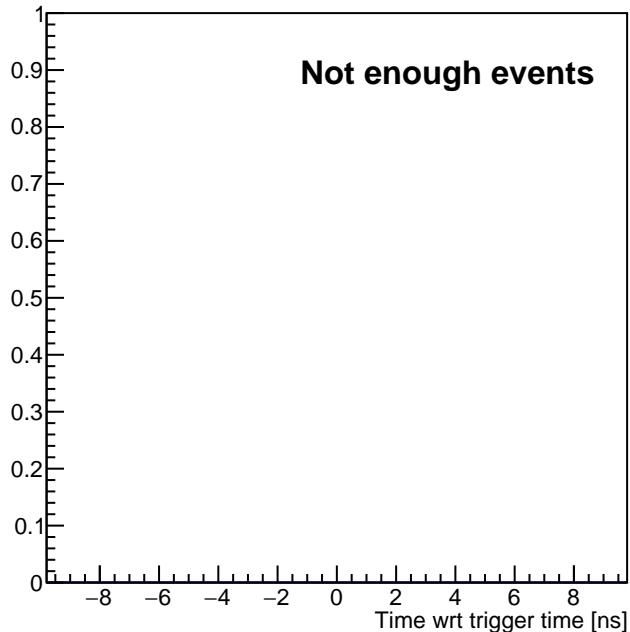
### Primitive time resolution 172



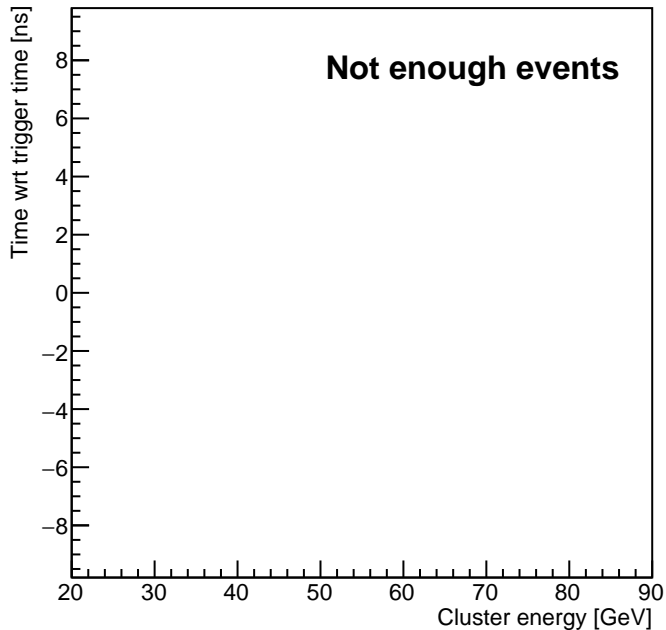
### Cluster time vs energy173



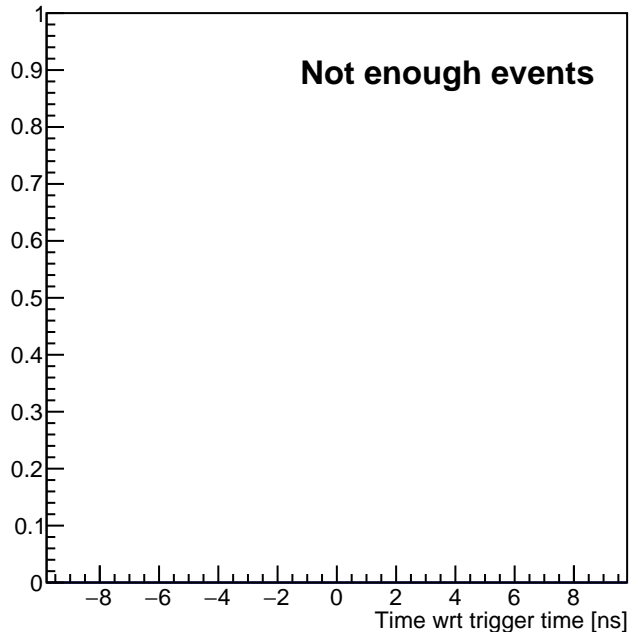
### Primitive time resolution 173



### Cluster time vs energy174



### Primitive time resolution 174

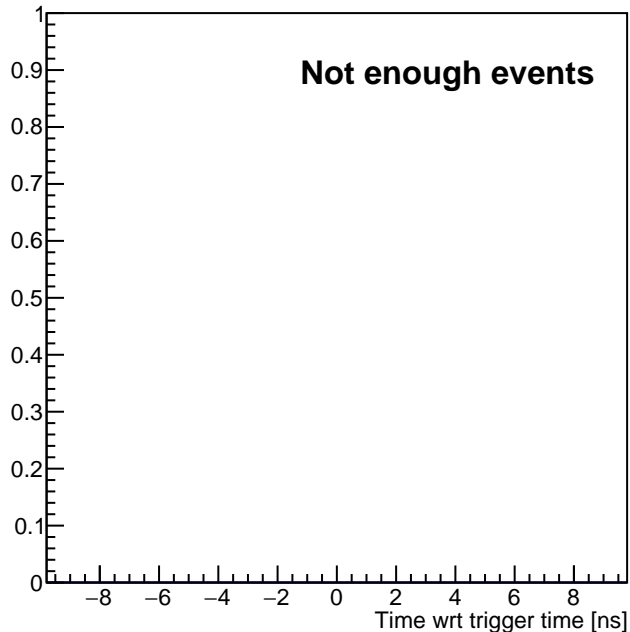




### Cluster time vs energy175



### Primitive time resolution 175



### Cluster time vs energy176



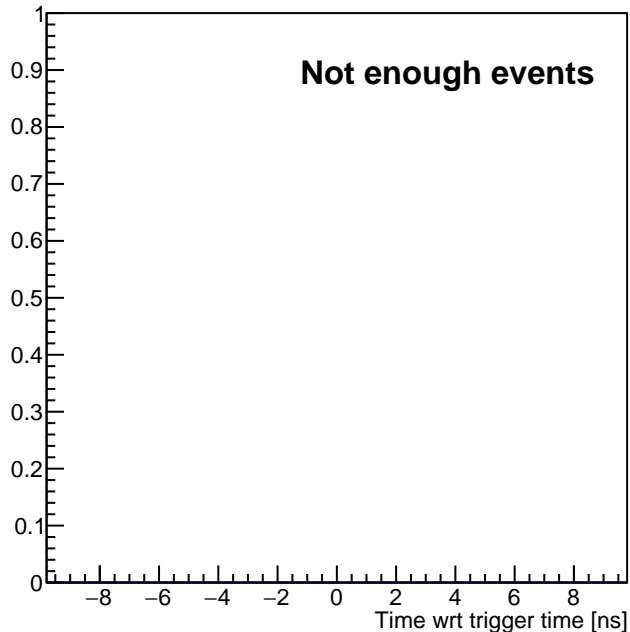
### Primitive time resolution 176



### Cluster time vs energy177



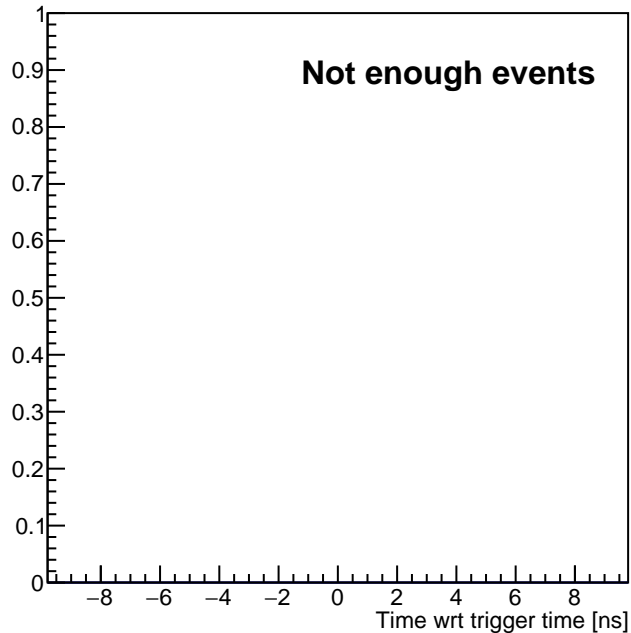
### Primitive time resolution 177



### Cluster time vs energy178



### Primitive time resolution 178



### Cluster time vs energy179



### Primitive time resolution 179



### Cluster time vs energy180



### Primitive time resolution 180



### Cluster time vs energy181



### Primitive time resolution 181



### Cluster time vs energy182

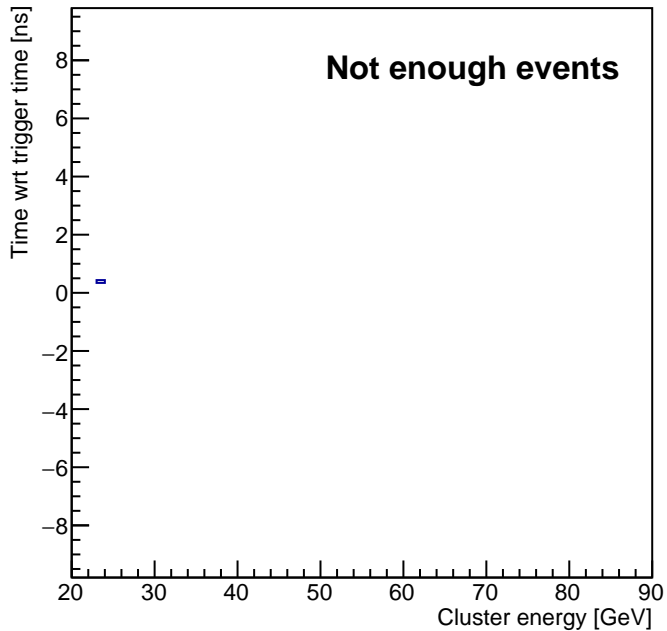


### Primitive time resolution 182

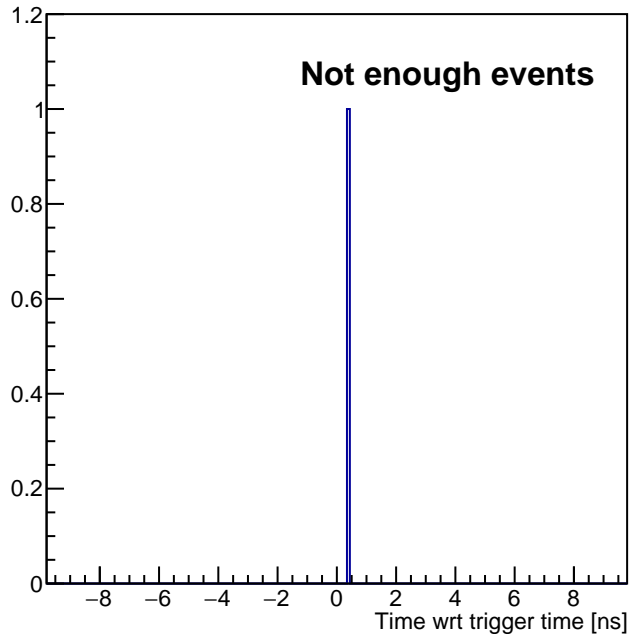




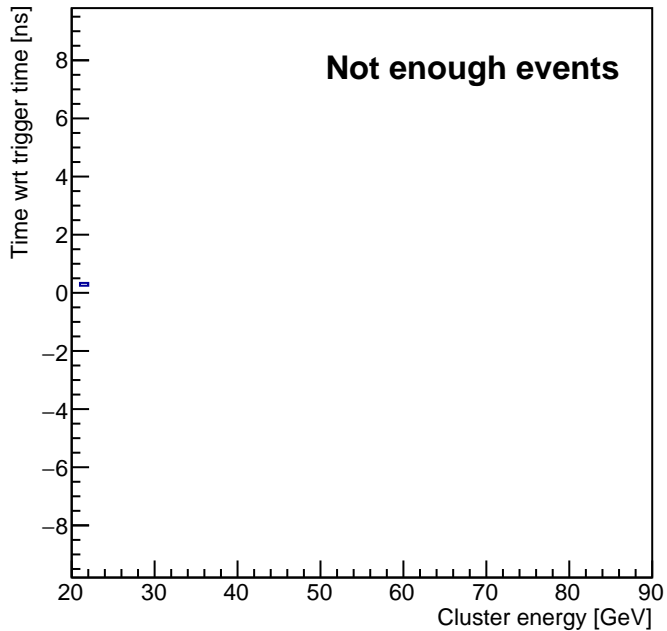
### Cluster time vs energy183



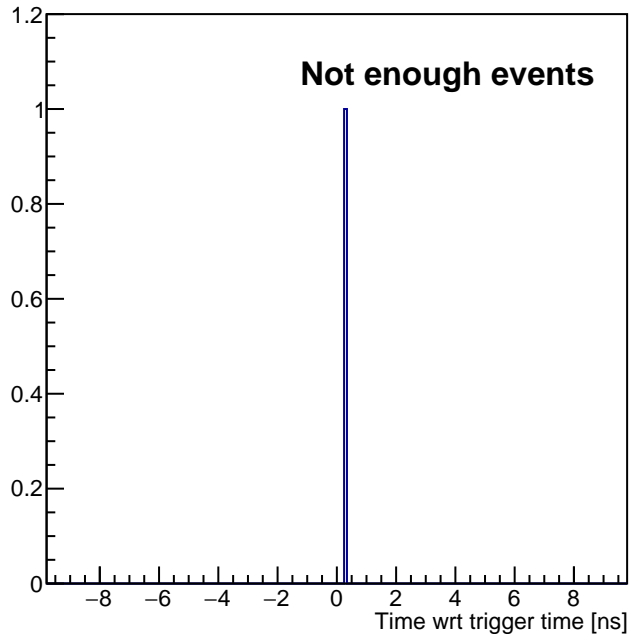
### Primitive time resolution 183



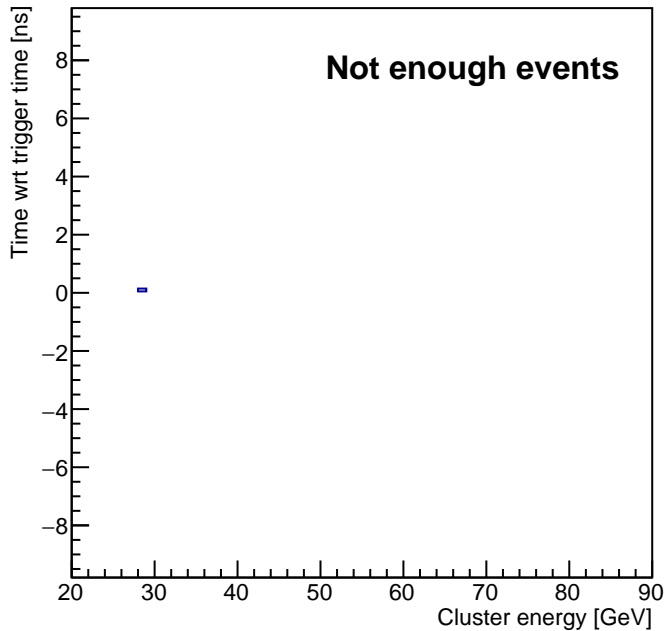
### Cluster time vs energy184



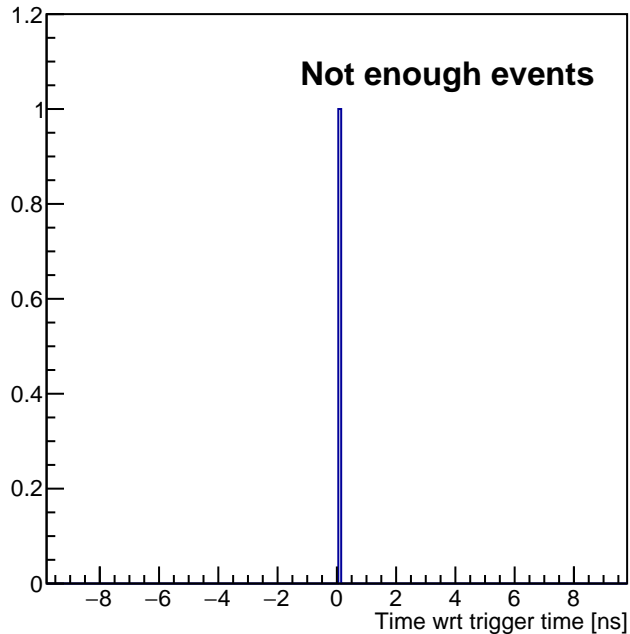
### Primitive time resolution 184



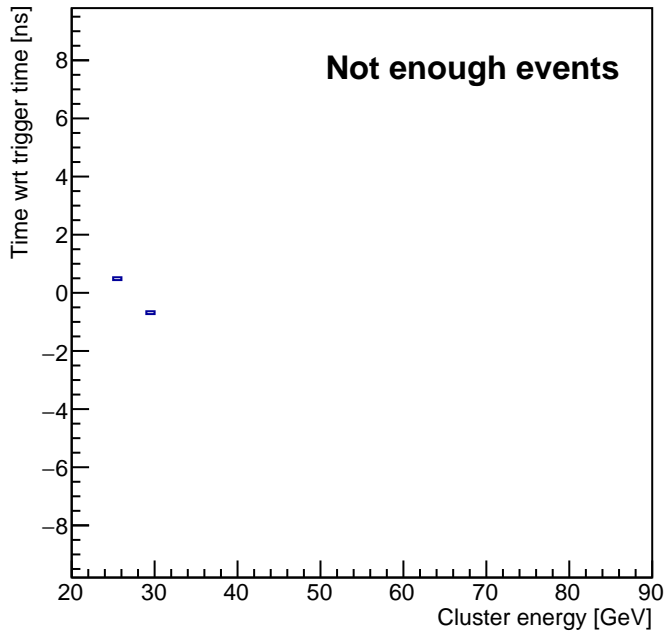
### Cluster time vs energy185



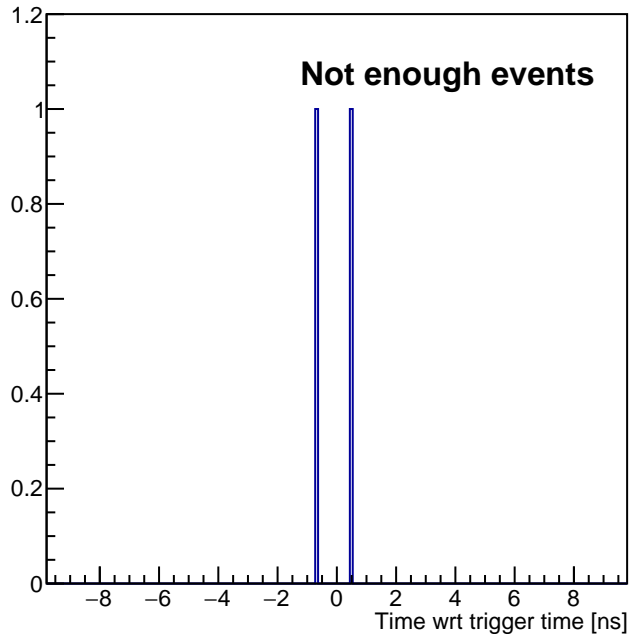
### Primitive time resolution 185



### Cluster time vs energy186



### Primitive time resolution 186



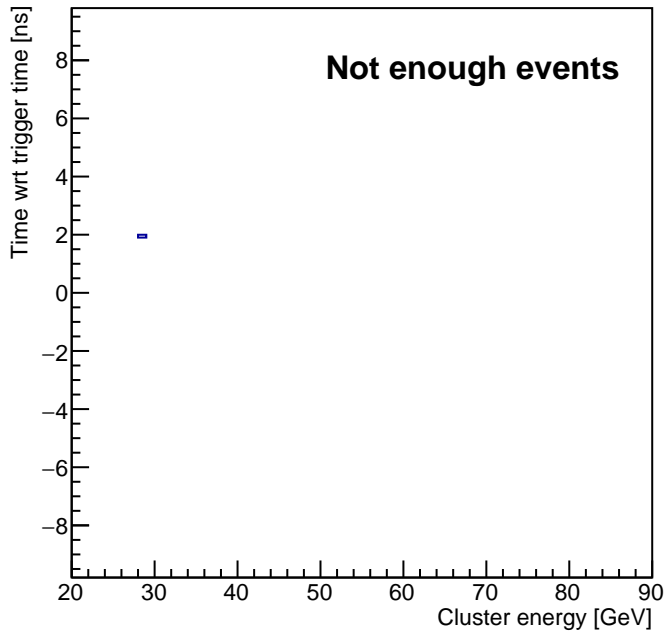
### Cluster time vs energy187



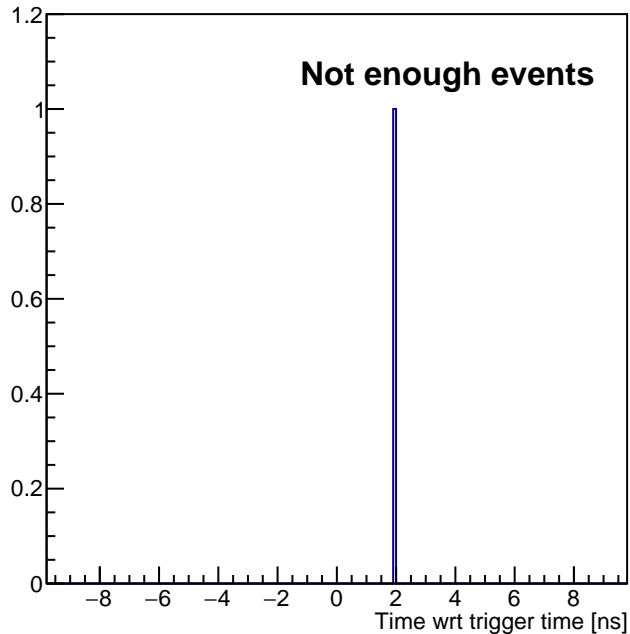
### Primitive time resolution 187



### Cluster time vs energy188



### Primitive time resolution 188



### Cluster time vs energy189



### Primitive time resolution 189



### Cluster time vs energy190



### Primitive time resolution 190





### Cluster time vs energy191



### Primitive time resolution 191



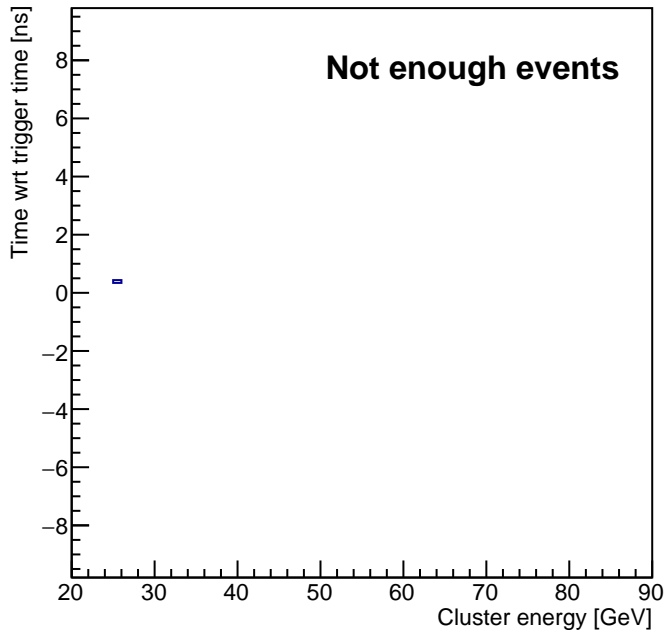
### Cluster time vs energy192



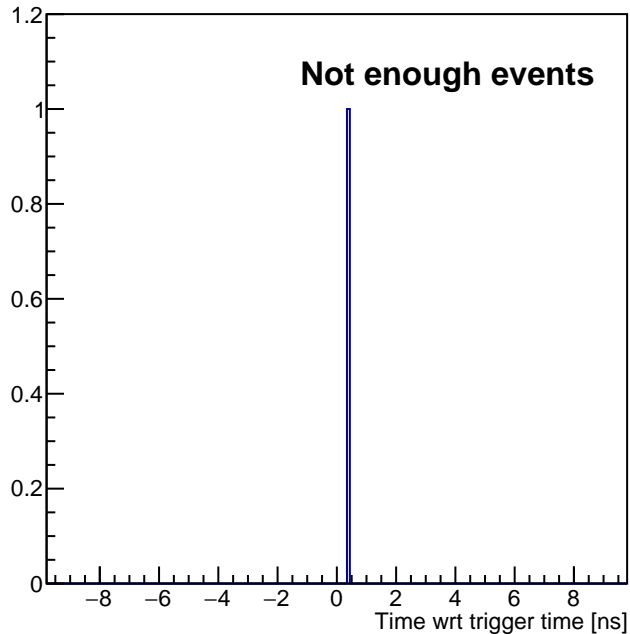
### Primitive time resolution 192



### Cluster time vs energy193



### Primitive time resolution 193



### Cluster time vs energy194



### Primitive time resolution 194



### Cluster time vs energy195



### Primitive time resolution 195



### Cluster time vs energy196



### Primitive time resolution 196



### Cluster time vs energy197



### Primitive time resolution 197



### Cluster time vs energy198



### Primitive time resolution 198





### Cluster time vs energy199



### Primitive time resolution 199



Cluster time vs energy200



Primitive time resolution 200



### Cluster time vs energy201



### Primitive time resolution 201



### Cluster time vs energy202



### Primitive time resolution 202



### Cluster time vs energy205



### Primitive time resolution 205



### Cluster time vs energy206



### Primitive time resolution 206



### Cluster time vs energy207



### Primitive time resolution 207



### Cluster time vs energy208



### Primitive time resolution 208





### Cluster time vs energy209



### Primitive time resolution 209



### Cluster time vs energy210



### Primitive time resolution 210



### Cluster time vs energy211



### Primitive time resolution 211



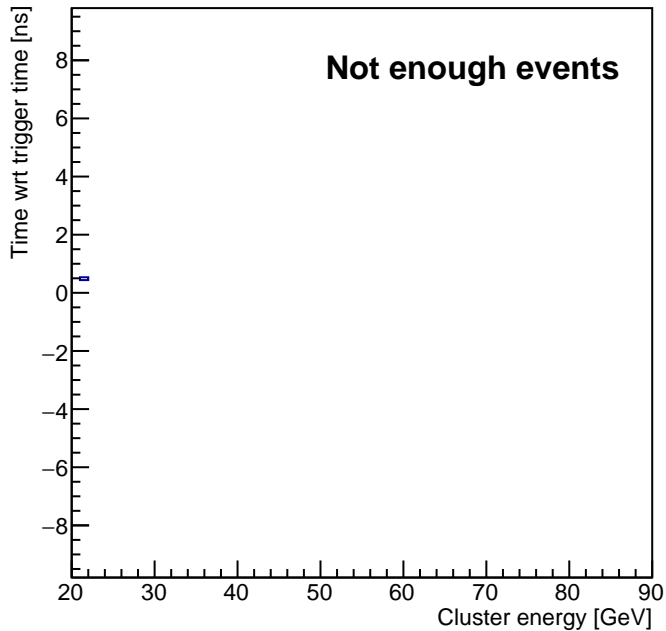
### Cluster time vs energy212



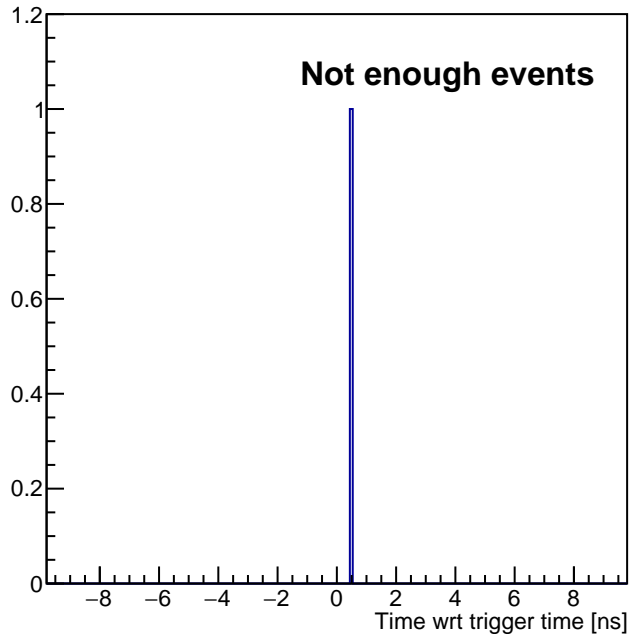
### Primitive time resolution 212



### Cluster time vs energy213



### Primitive time resolution 213



### Cluster time vs energy214



### Primitive time resolution 214



### Cluster time vs energy215



### Primitive time resolution 215



### Cluster time vs energy216



### Primitive time resolution 216





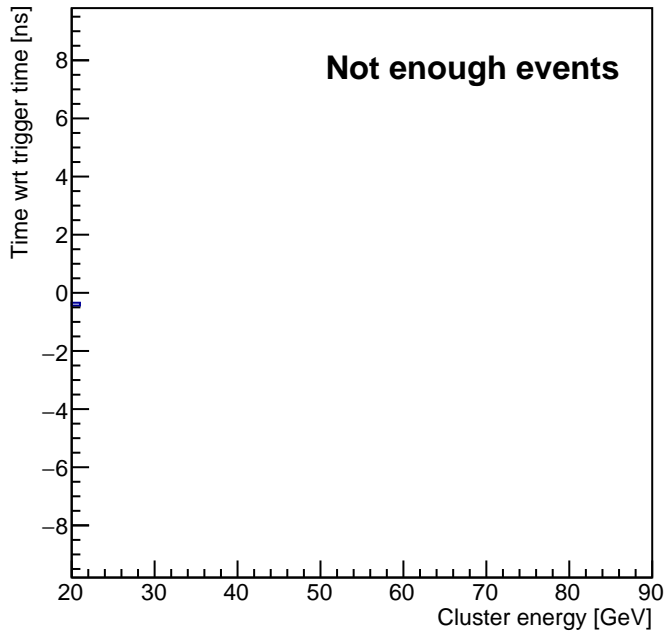
### Cluster time vs energy217



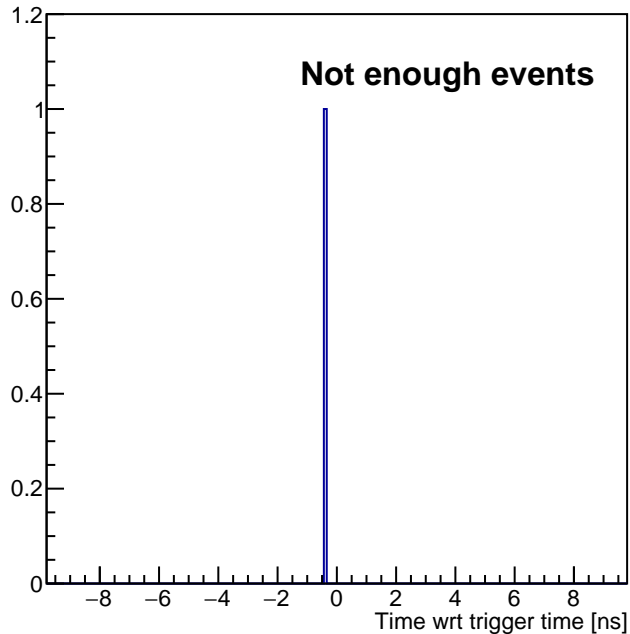
### Primitive time resolution 217



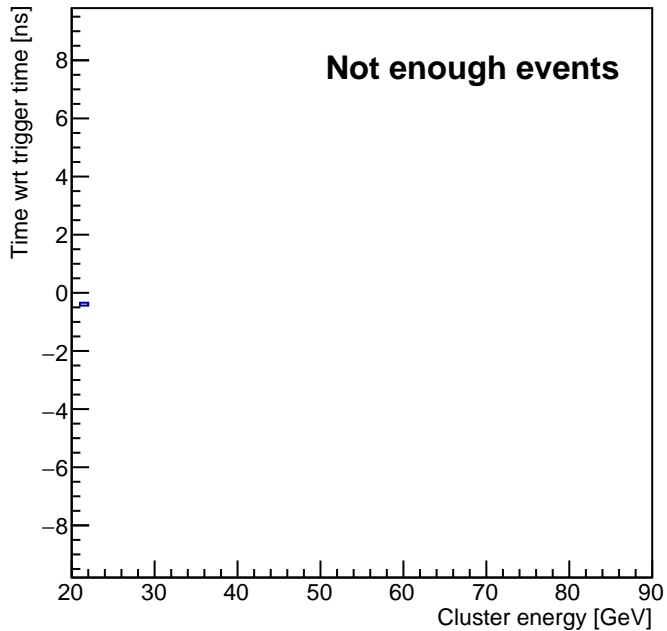
### Cluster time vs energy218



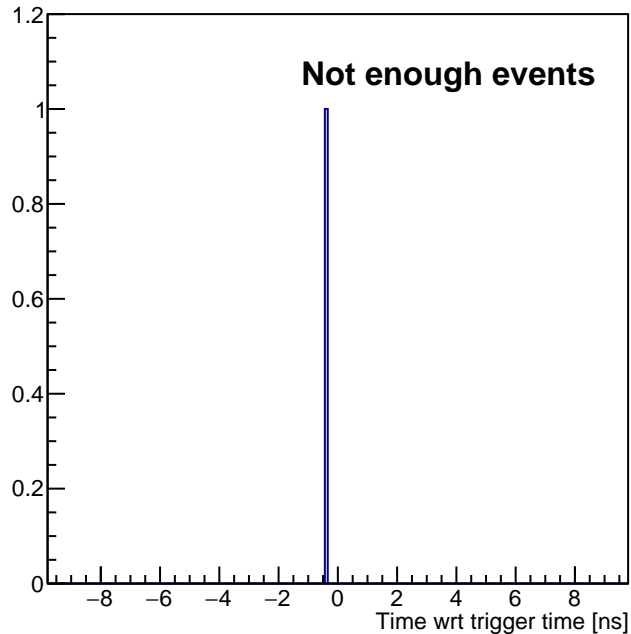
### Primitive time resolution 218



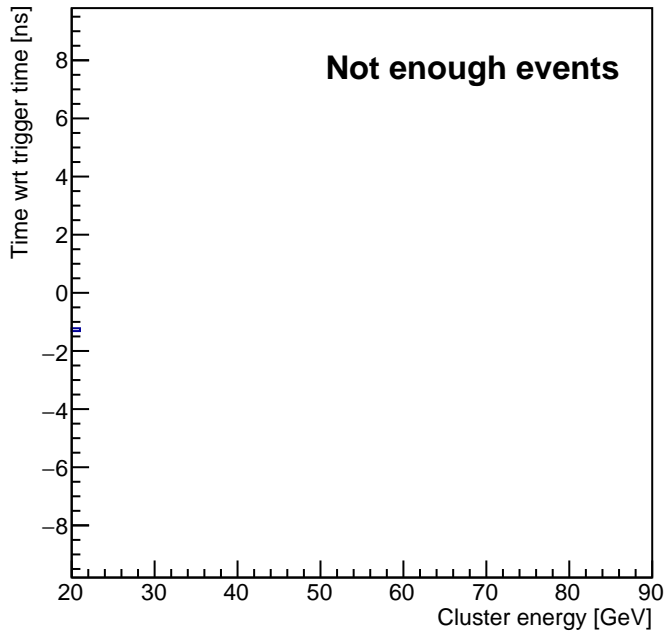
### Cluster time vs energy219



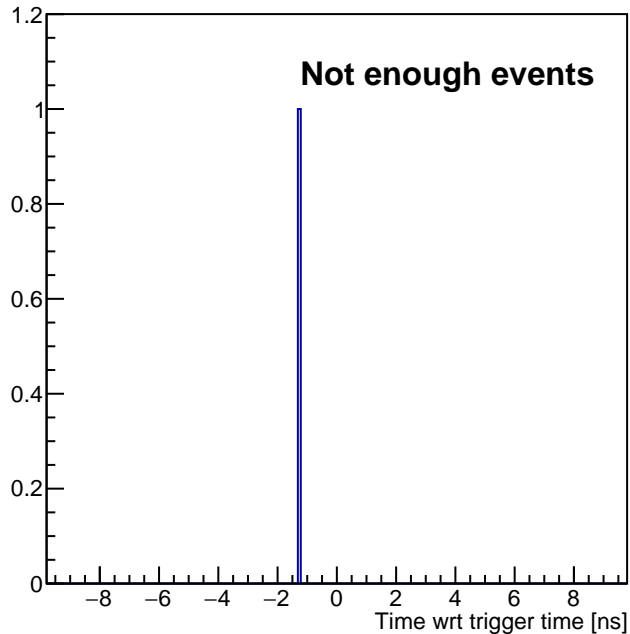
### Primitive time resolution 219



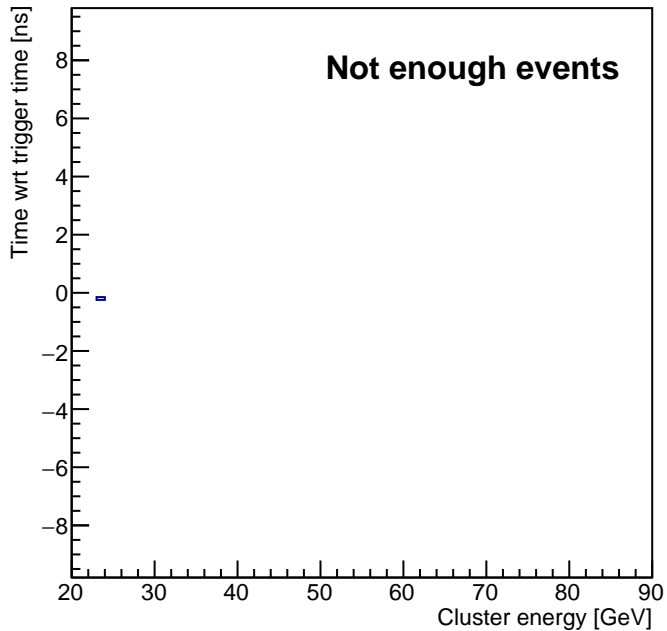
### Cluster time vs energy220



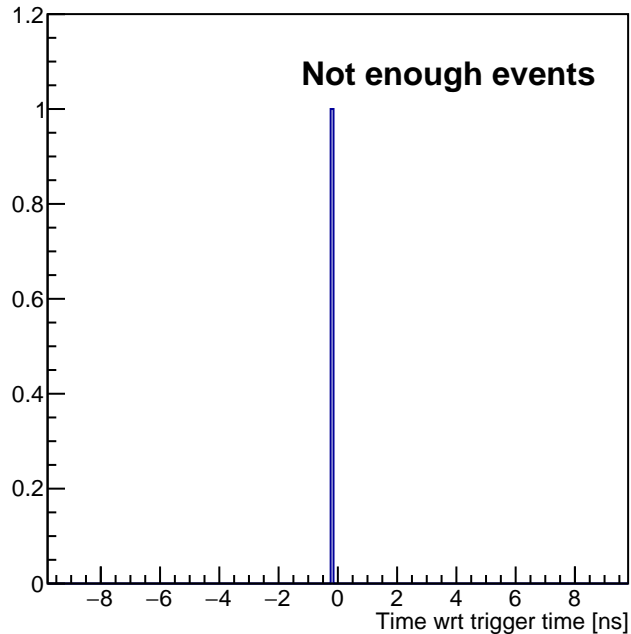
### Primitive time resolution 220



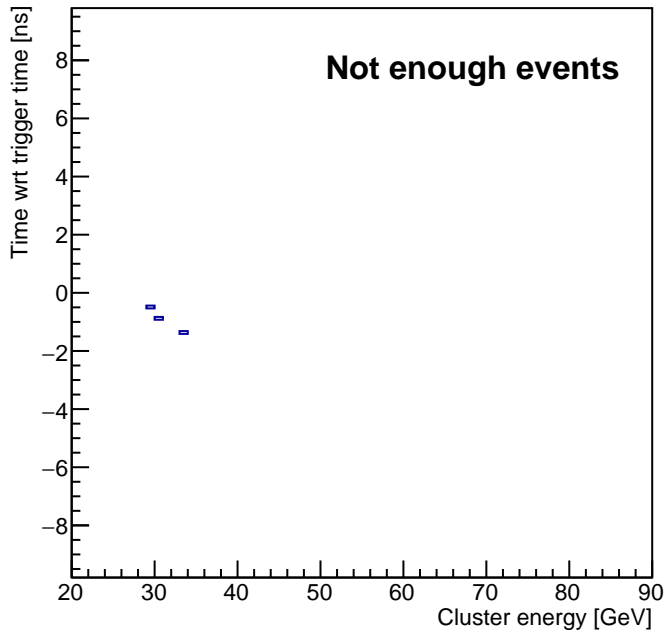
### Cluster time vs energy221



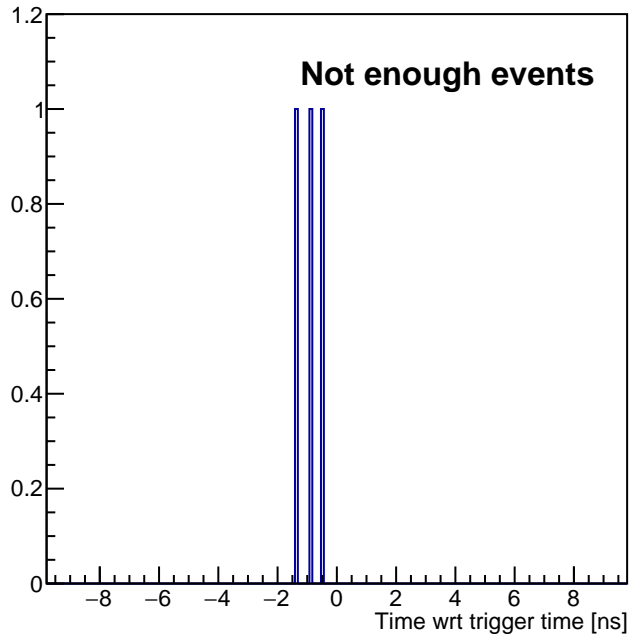
### Primitive time resolution 221



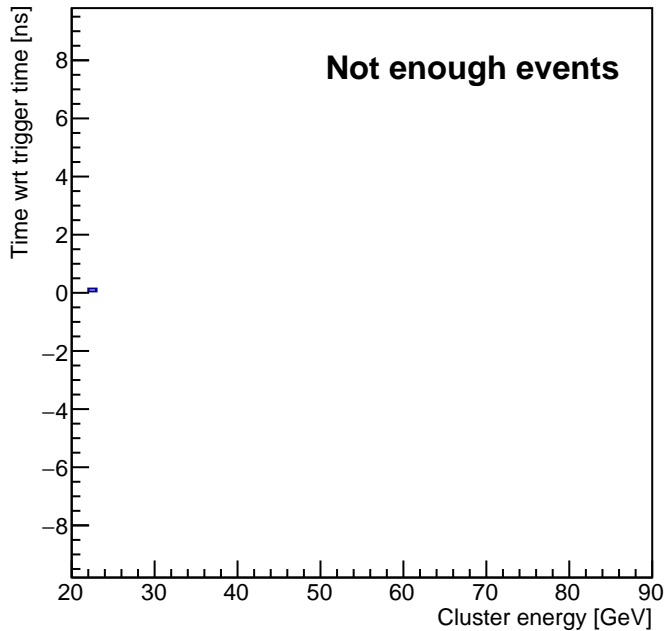
### Cluster time vs energy222



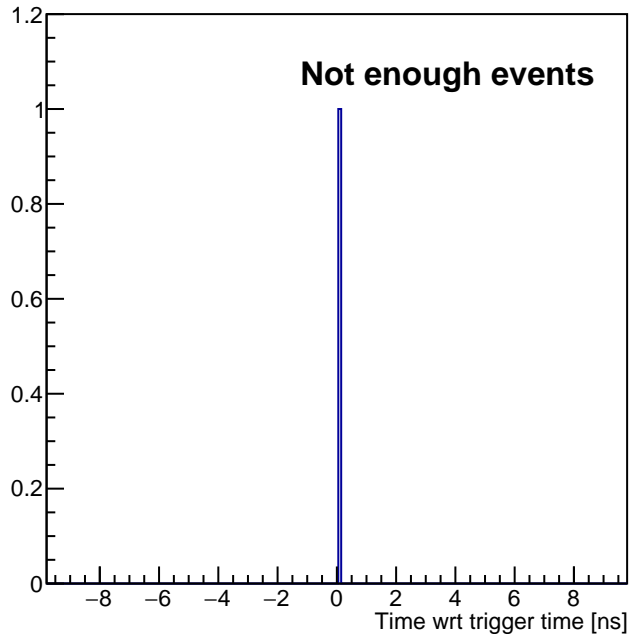
### Primitive time resolution 222



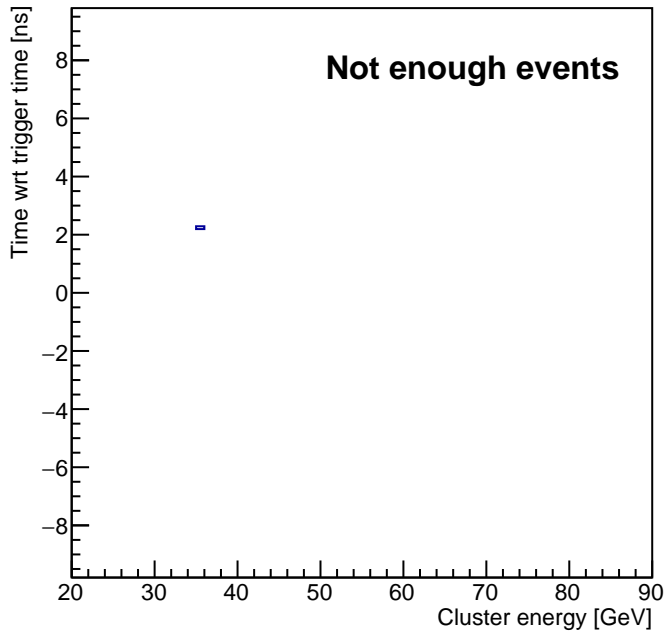
### Cluster time vs energy223



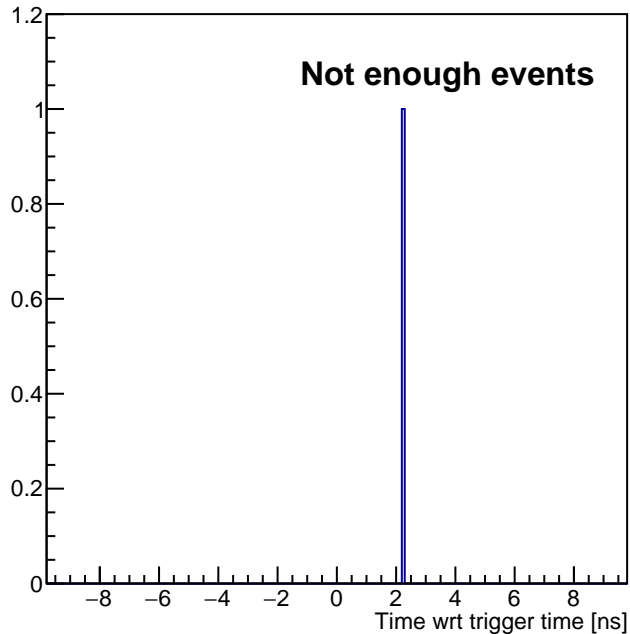
### Primitive time resolution 223



### Cluster time vs energy224

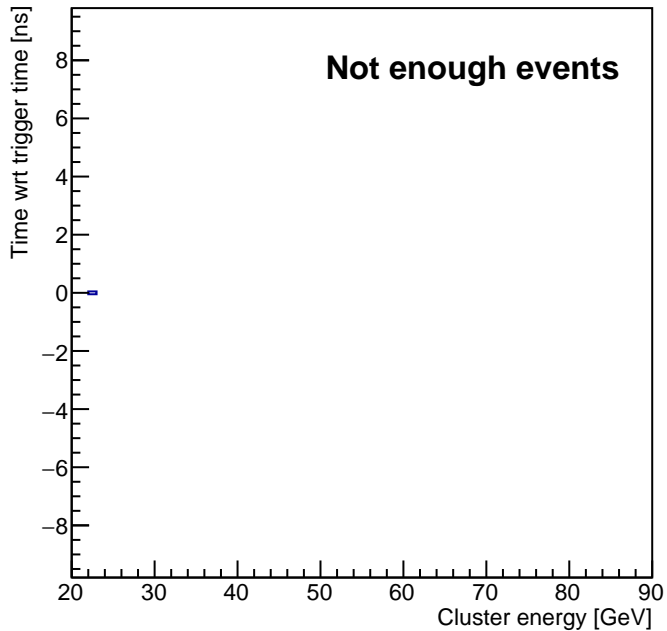


### Primitive time resolution 224

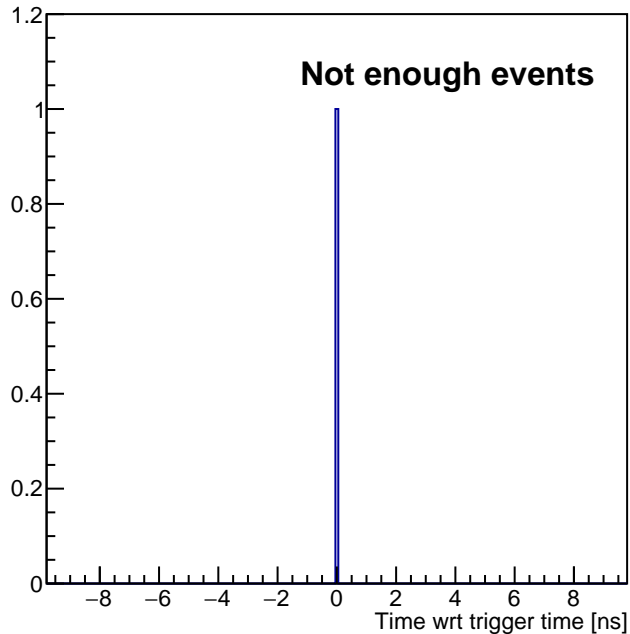




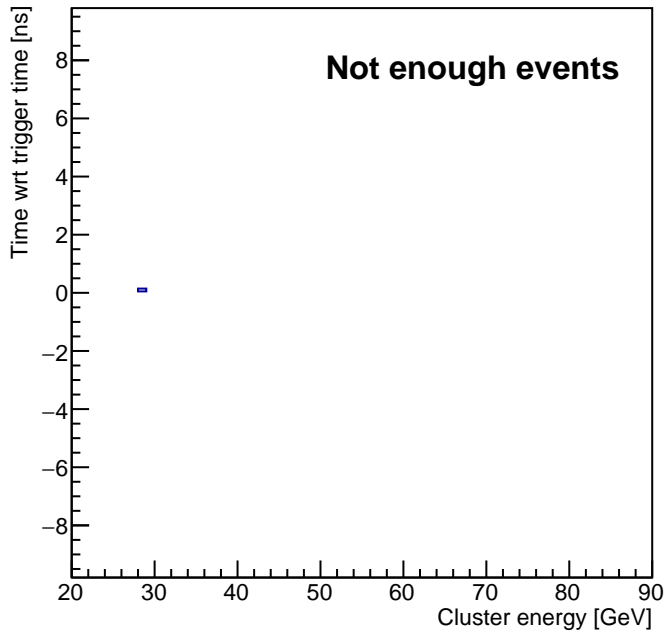
### Cluster time vs energy225



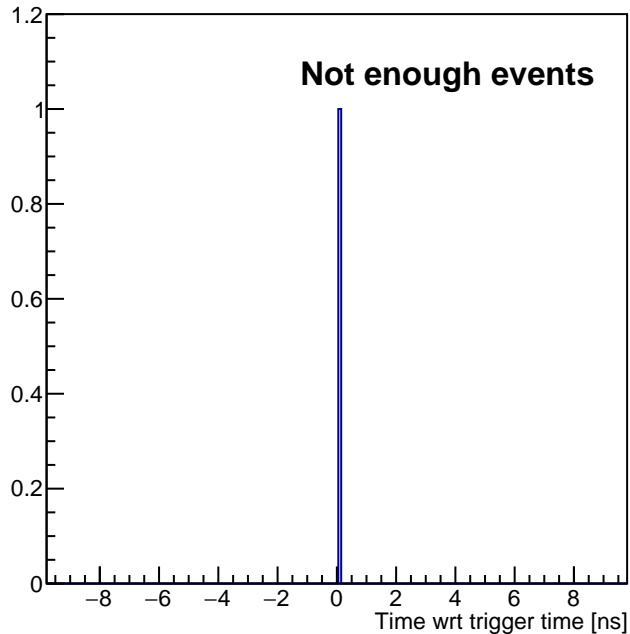
### Primitive time resolution 225



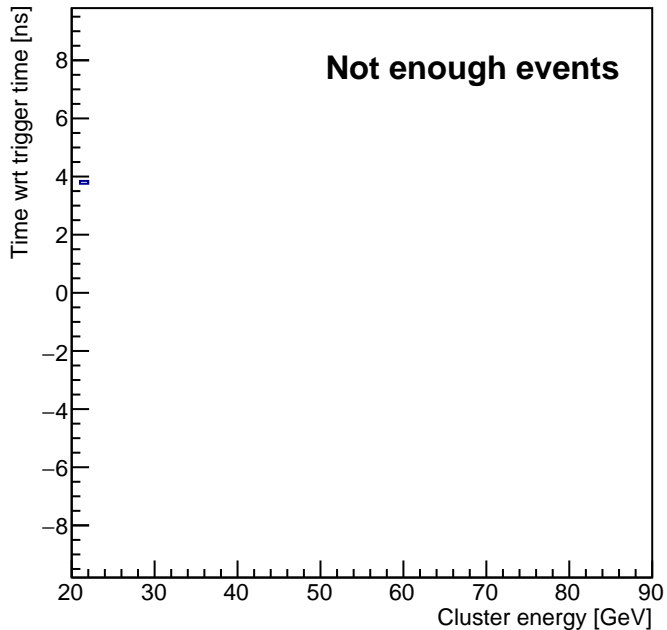
### Cluster time vs energy226



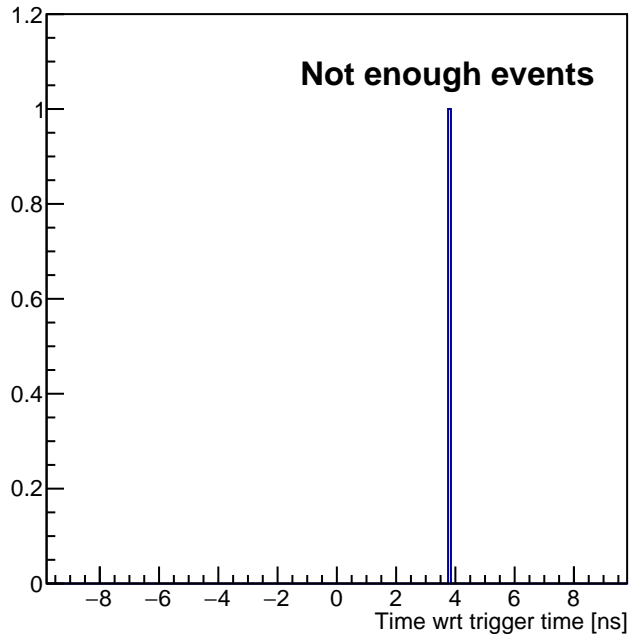
### Primitive time resolution 226



### Cluster time vs energy227



### Primitive time resolution 227



### Cluster time vs energy228



### Primitive time resolution 228



### Cluster time vs energy229



### Primitive time resolution 229



### Cluster time vs energy230



### Primitive time resolution 230



### Cluster time vs energy231



### Primitive time resolution 231



### Cluster time vs energy232



### Primitive time resolution 232





### Cluster time vs energy233



### Primitive time resolution 233



### Cluster time vs energy234



### Primitive time resolution 234



### Cluster time vs energy235



### Primitive time resolution 235



### Cluster time vs energy236



### Primitive time resolution 236



### Cluster time vs energy239



### Primitive time resolution 239



### Cluster time vs energy240



### Primitive time resolution 240



### Cluster time vs energy241



### Primitive time resolution 241



### Cluster time vs energy242



### Primitive time resolution 242





### Cluster time vs energy243



### Primitive time resolution 243



### Cluster time vs energy244



### Primitive time resolution 244



### Cluster time vs energy245



### Primitive time resolution 245



### Cluster time vs energy246



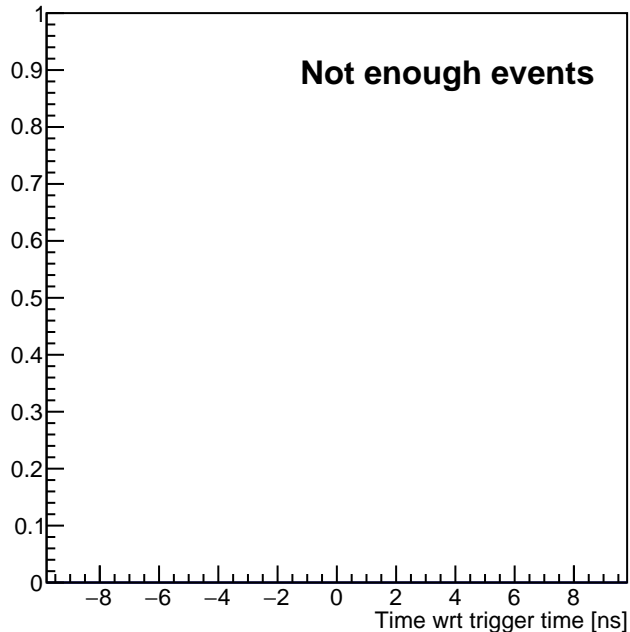
### Primitive time resolution 246



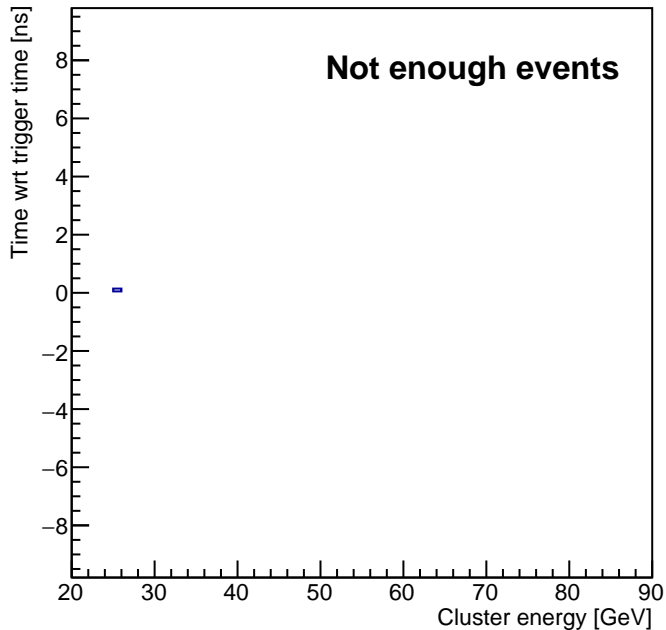
### Cluster time vs energy247



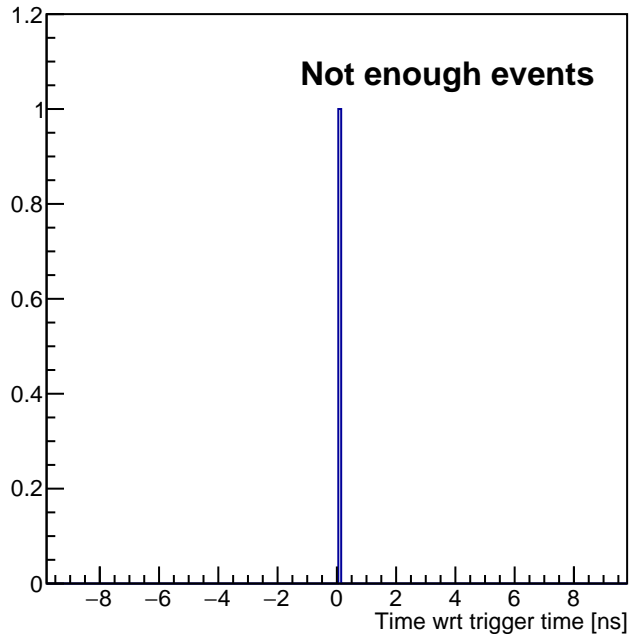
### Primitive time resolution 247



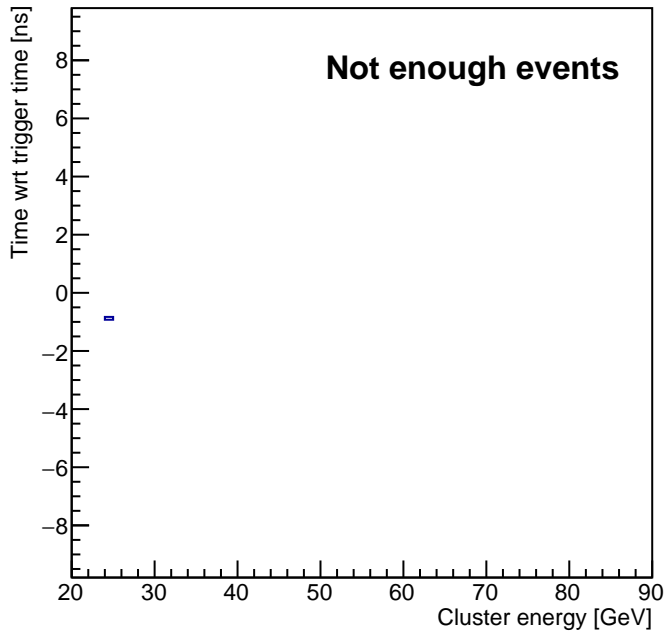
### Cluster time vs energy248



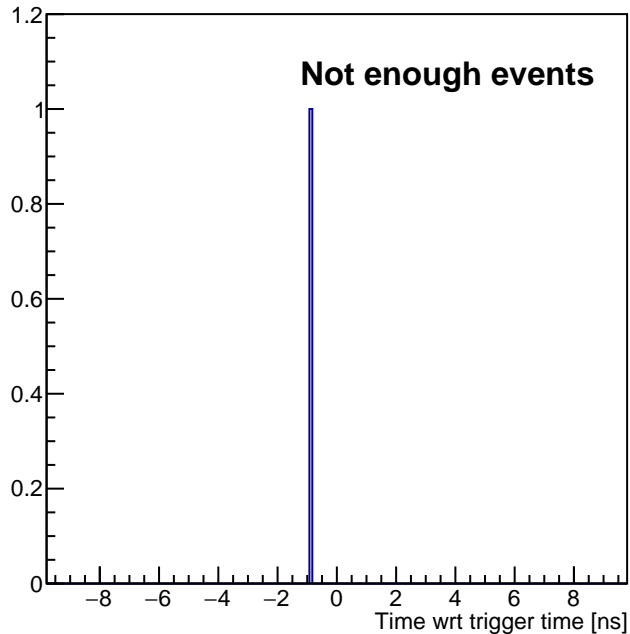
### Primitive time resolution 248



### Cluster time vs energy249



### Primitive time resolution 249



Cluster time vs energy250



Primitive time resolution 250





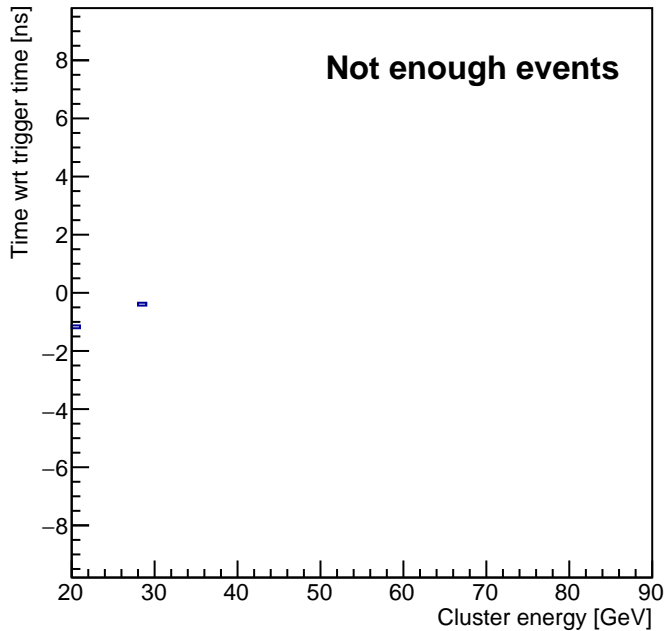
### Cluster time vs energy251



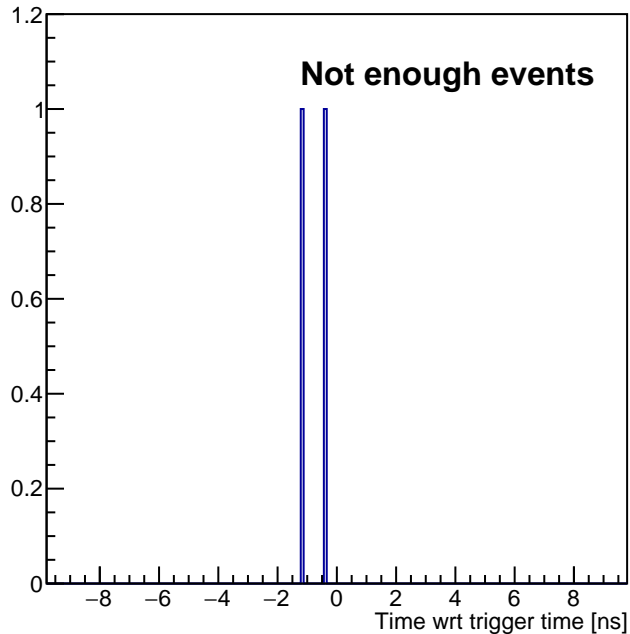
### Primitive time resolution 251



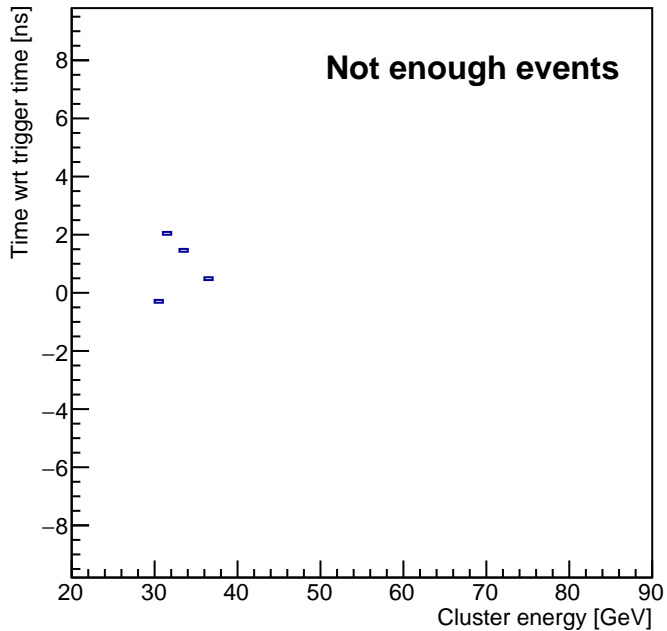
### Cluster time vs energy252



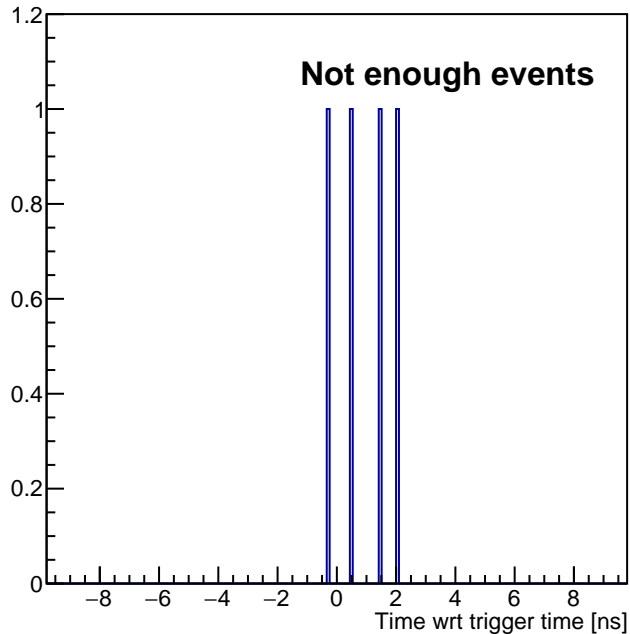
### Primitive time resolution 252



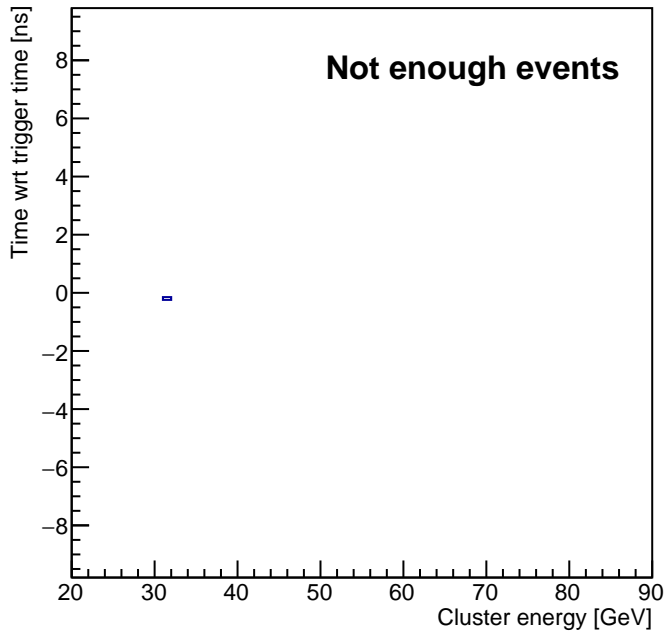
### Cluster time vs energy253



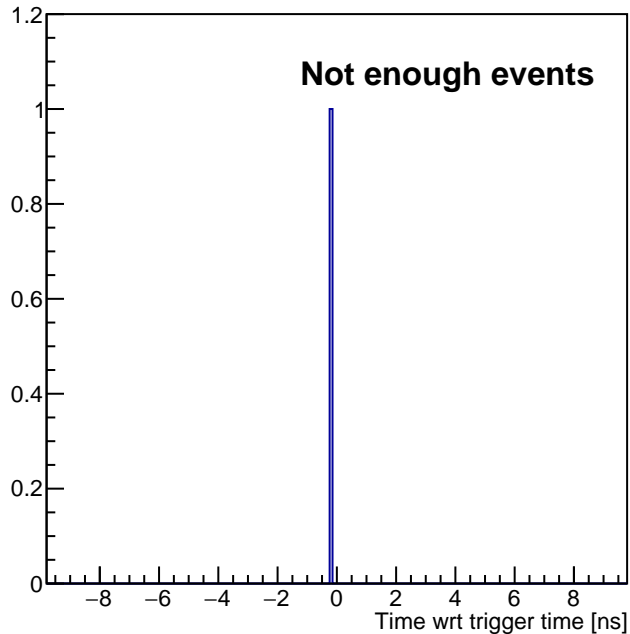
### Primitive time resolution 253



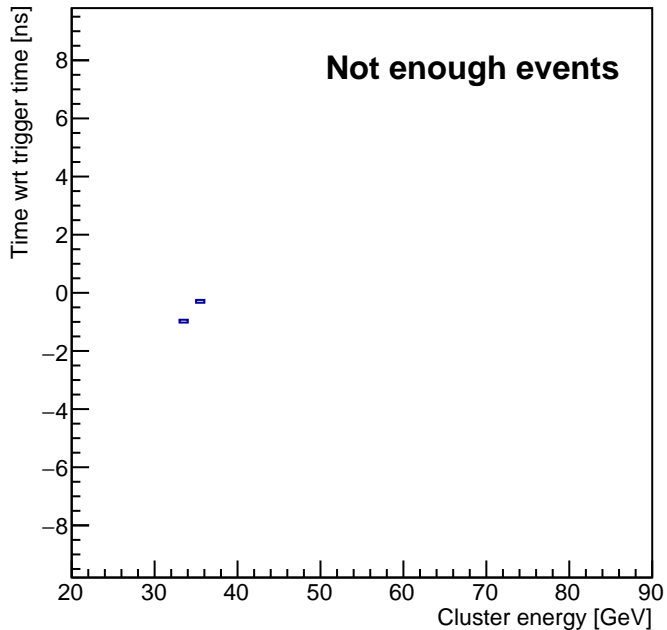
### Cluster time vs energy254



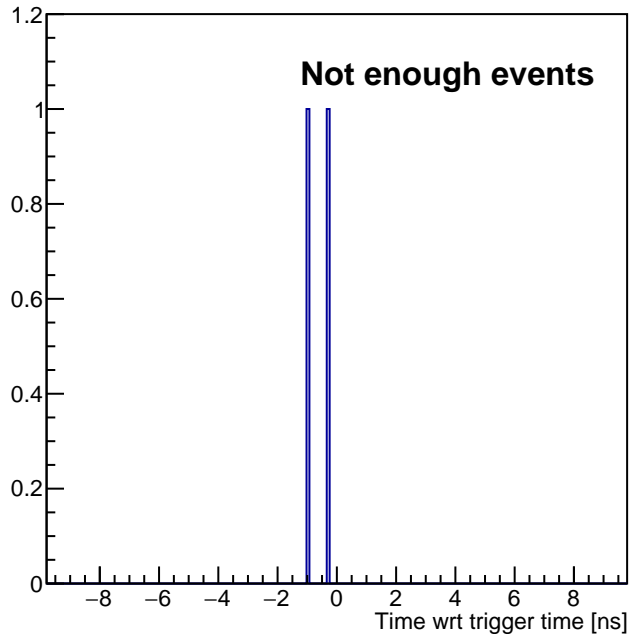
### Primitive time resolution 254



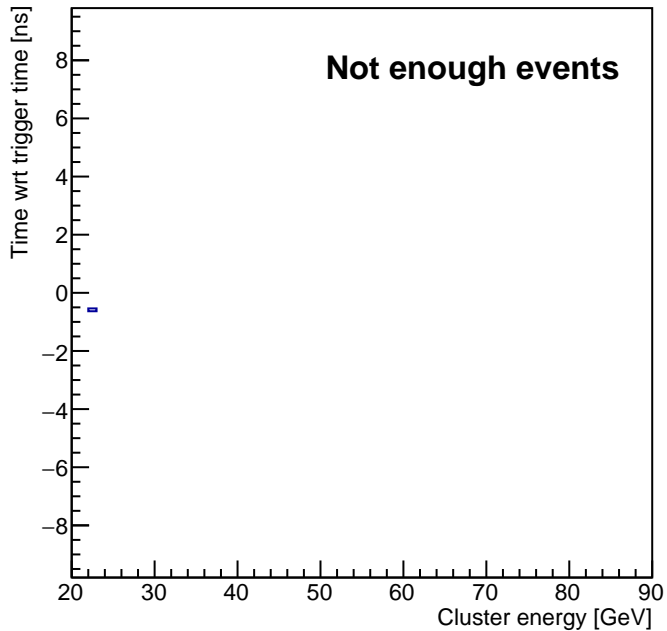
### Cluster time vs energy255



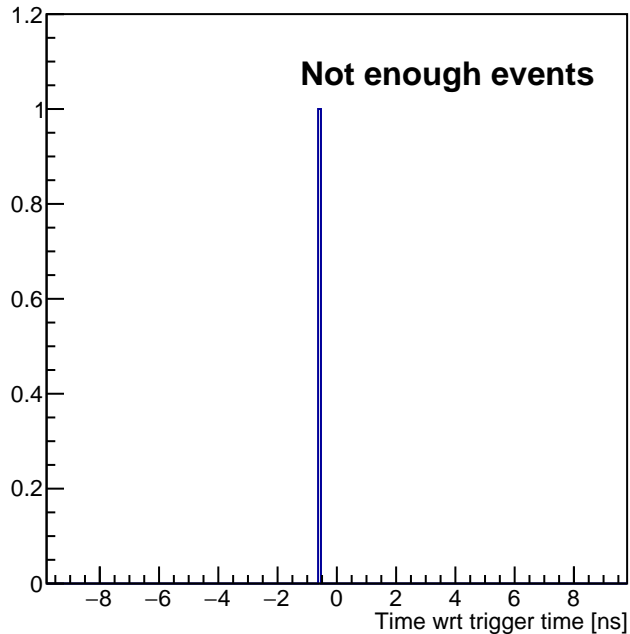
### Primitive time resolution 255



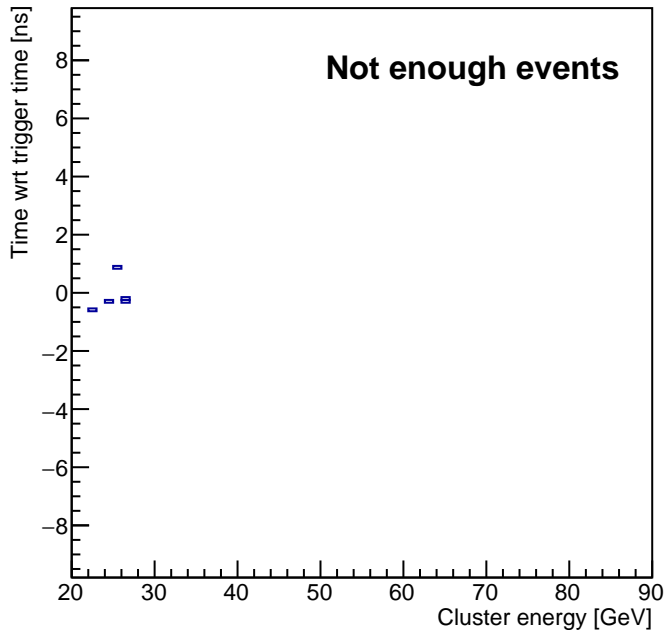
### Cluster time vs energy256



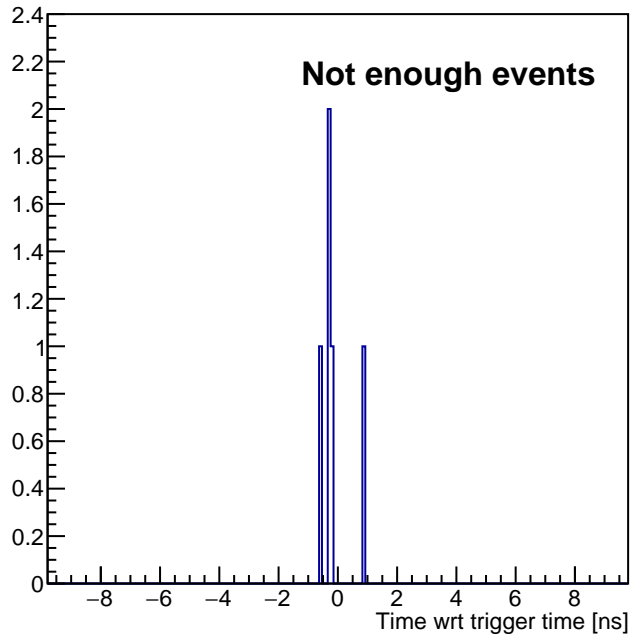
### Primitive time resolution 256



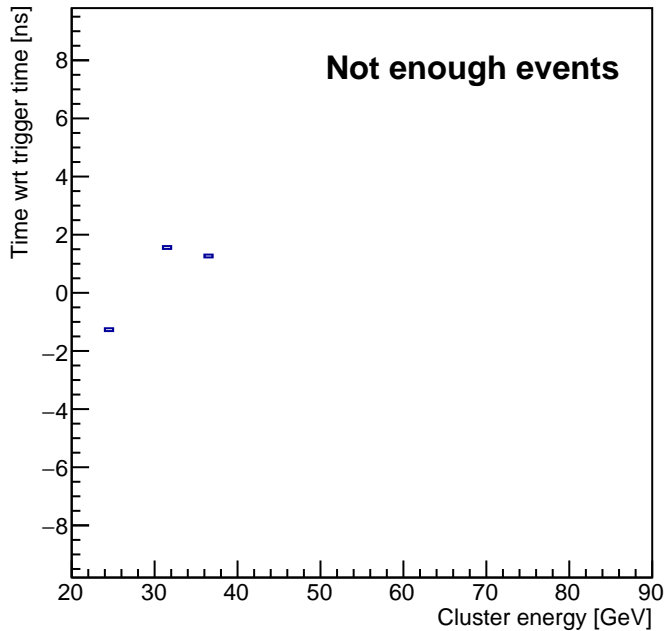
### Cluster time vs energy257



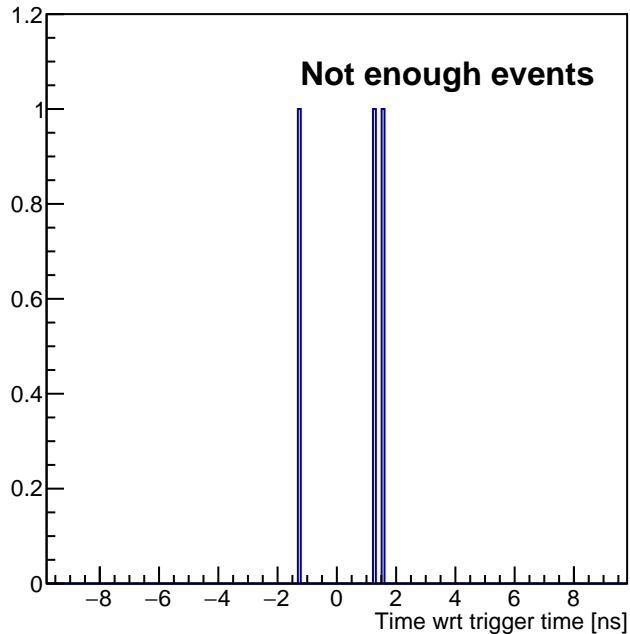
### Primitive time resolution 257



### Cluster time vs energy258

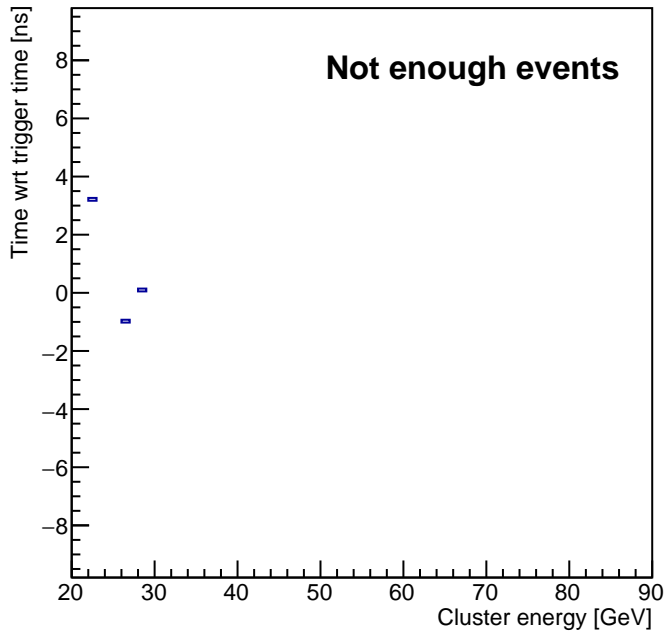


### Primitive time resolution 258

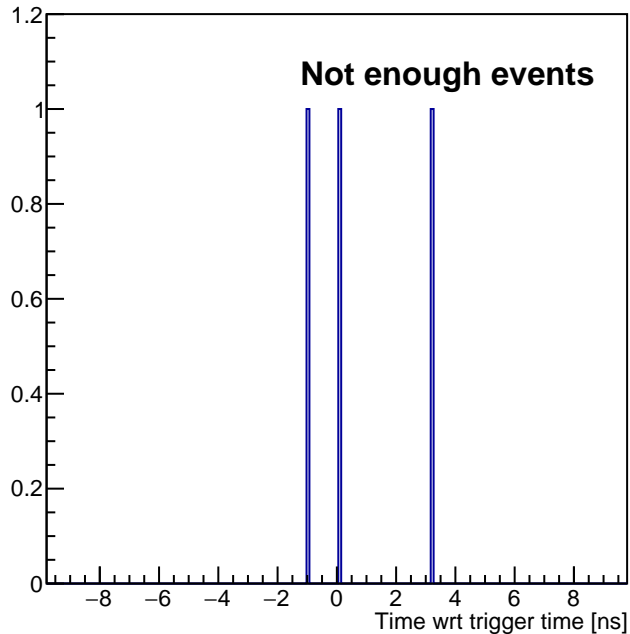




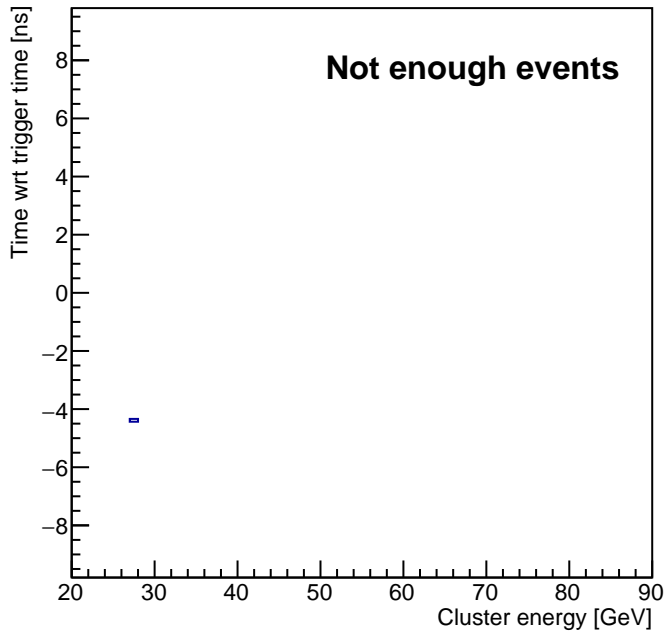
### Cluster time vs energy259



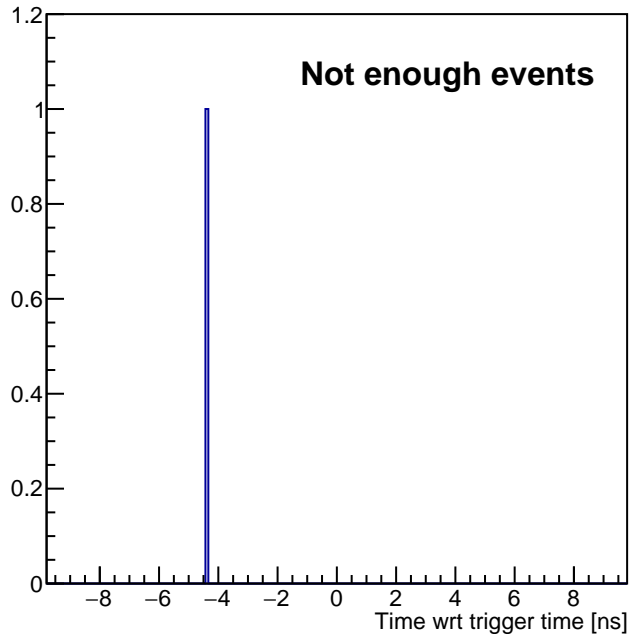
### Primitive time resolution 259



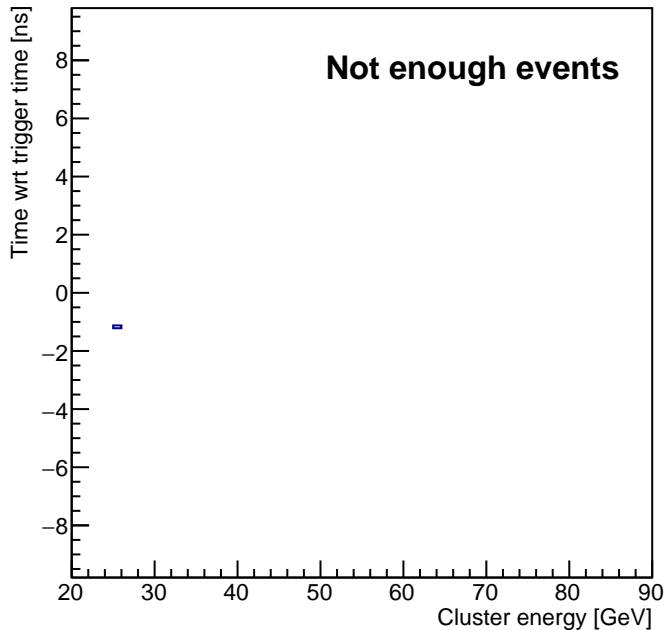
### Cluster time vs energy260



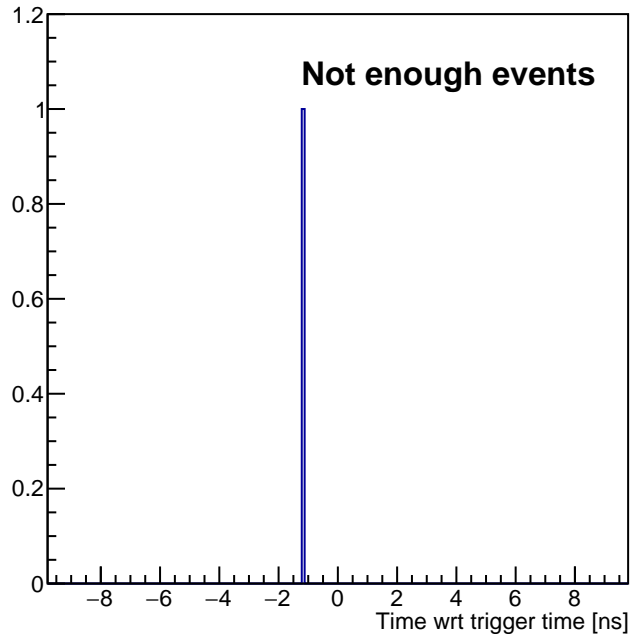
### Primitive time resolution 260



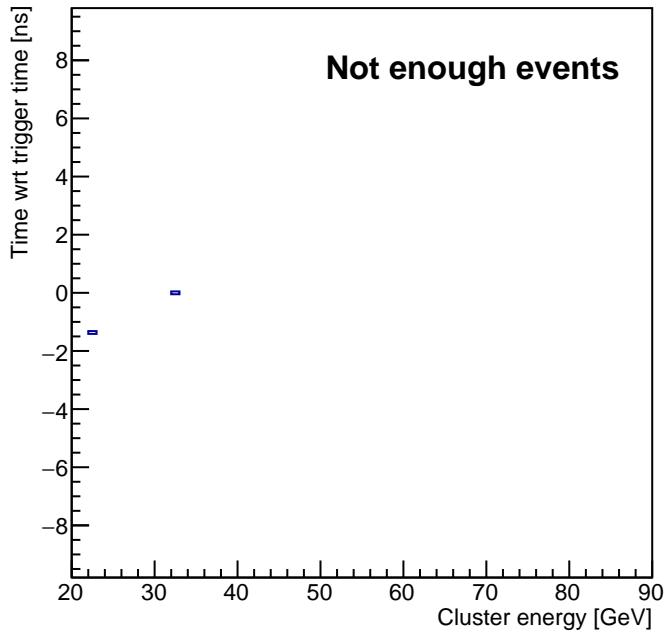
### Cluster time vs energy261



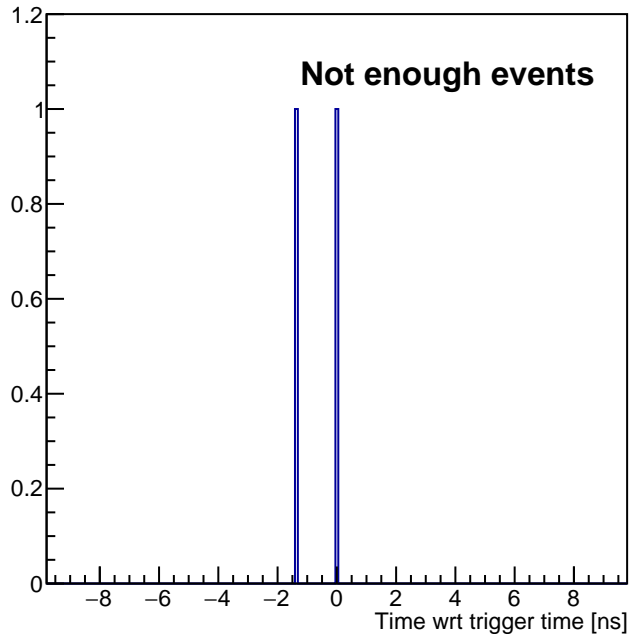
### Primitive time resolution 261



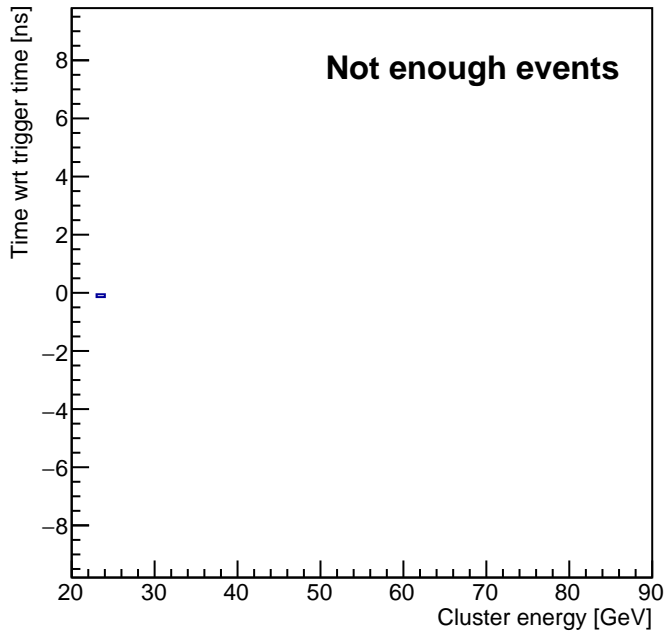
### Cluster time vs energy262



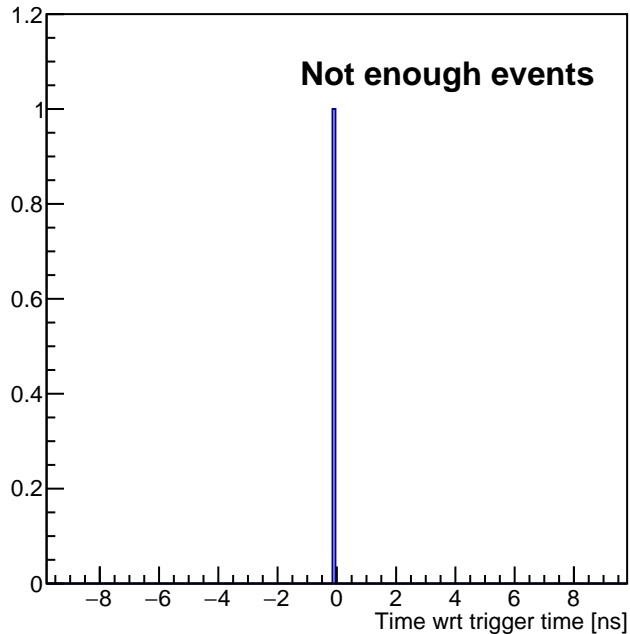
### Primitive time resolution 262



### Cluster time vs energy263



### Primitive time resolution 263



### Cluster time vs energy264



### Primitive time resolution 264



### Cluster time vs energy265



### Primitive time resolution 265



### Cluster time vs energy266



### Primitive time resolution 266

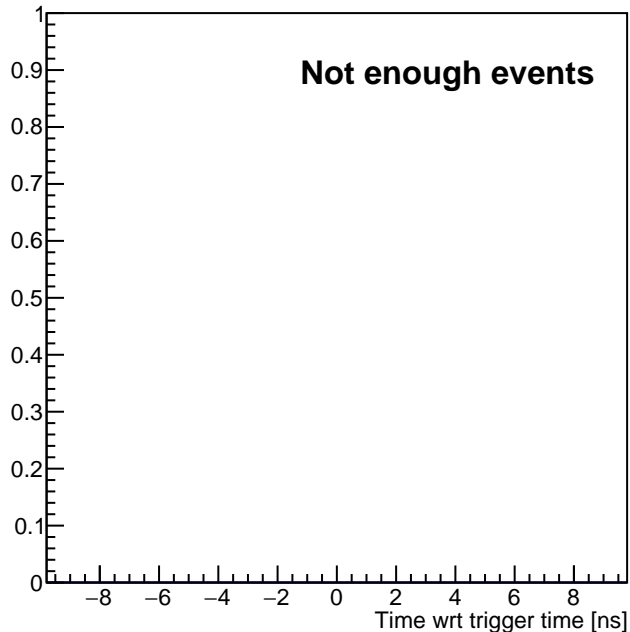




### Cluster time vs energy267



### Primitive time resolution 267



### Cluster time vs energy268



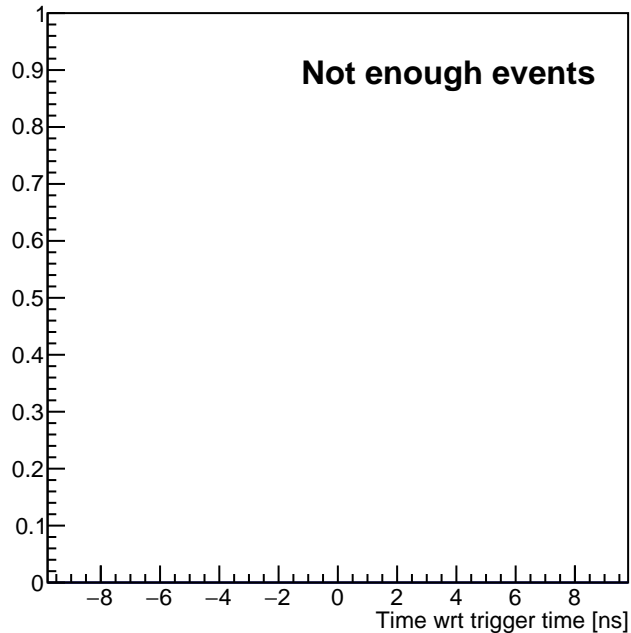
### Primitive time resolution 268



### Cluster time vs energy269



### Primitive time resolution 269



### Cluster time vs energy270



### Primitive time resolution 270



### Cluster time vs energy273



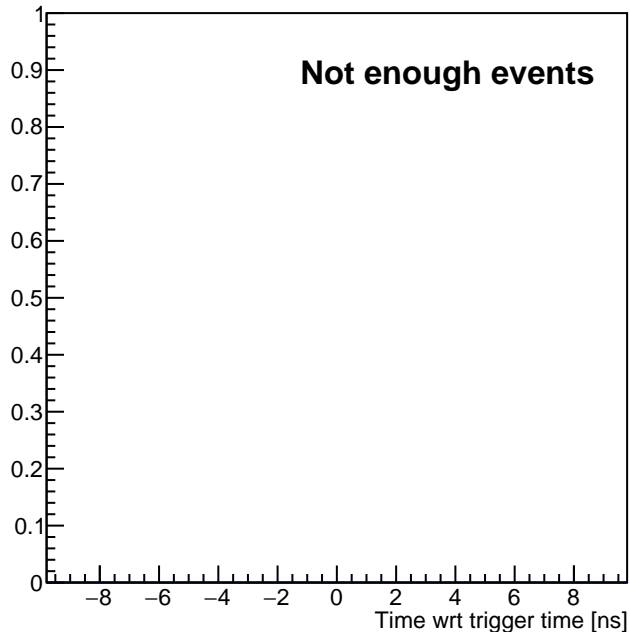
### Primitive time resolution 273



### Cluster time vs energy274



### Primitive time resolution 274



### Cluster time vs energy275



### Primitive time resolution 275



### Cluster time vs energy276



### Primitive time resolution 276





### Cluster time vs energy277



### Primitive time resolution 277



### Cluster time vs energy278



### Primitive time resolution 278



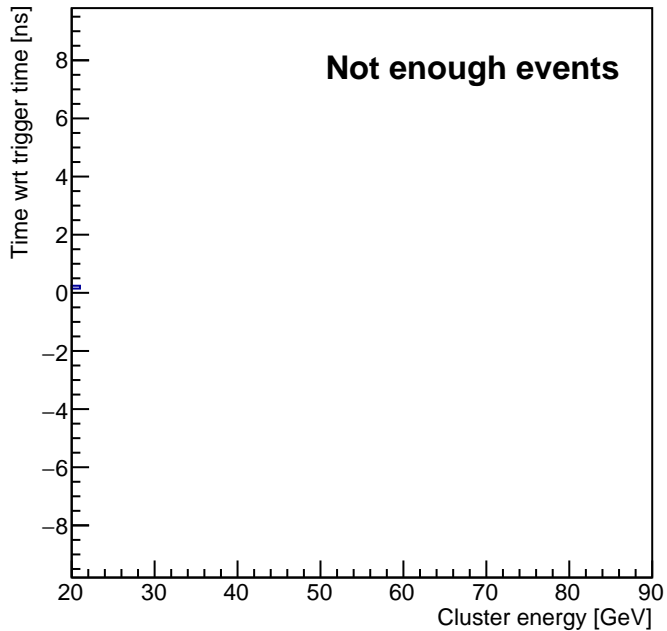
### Cluster time vs energy279



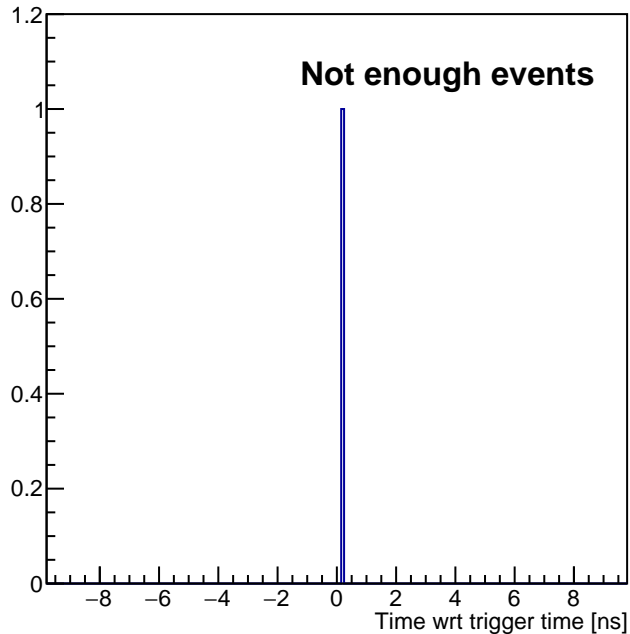
### Primitive time resolution 279



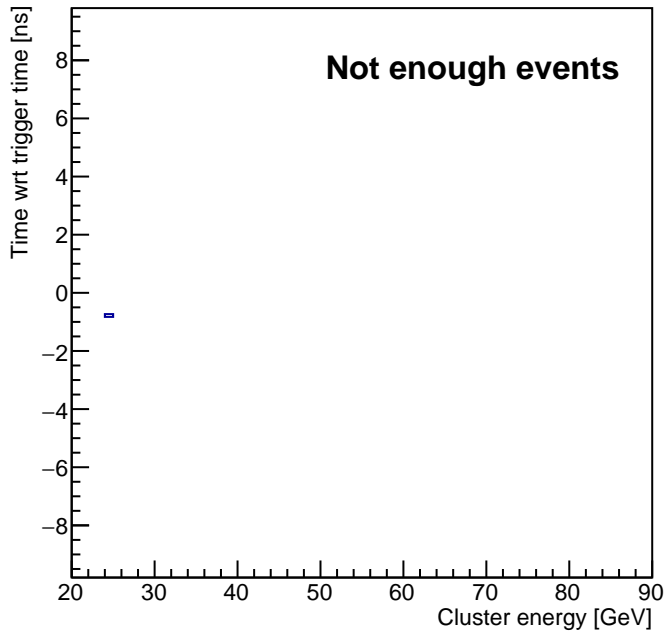
### Cluster time vs energy280



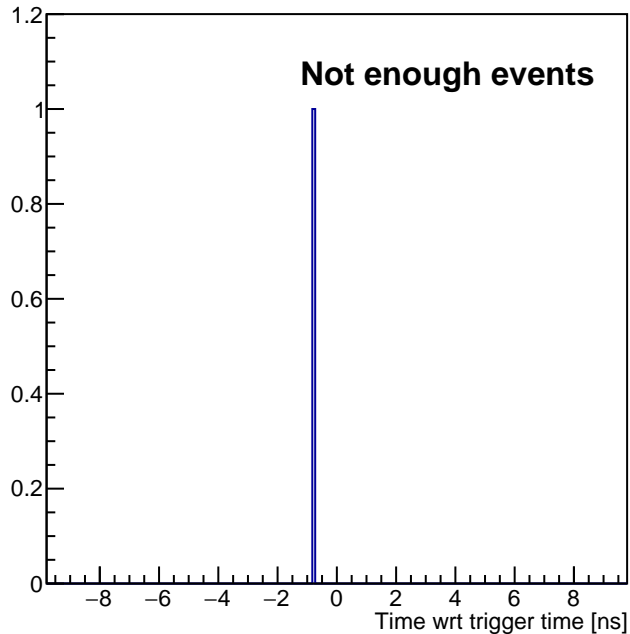
### Primitive time resolution 280



### Cluster time vs energy281



### Primitive time resolution 281



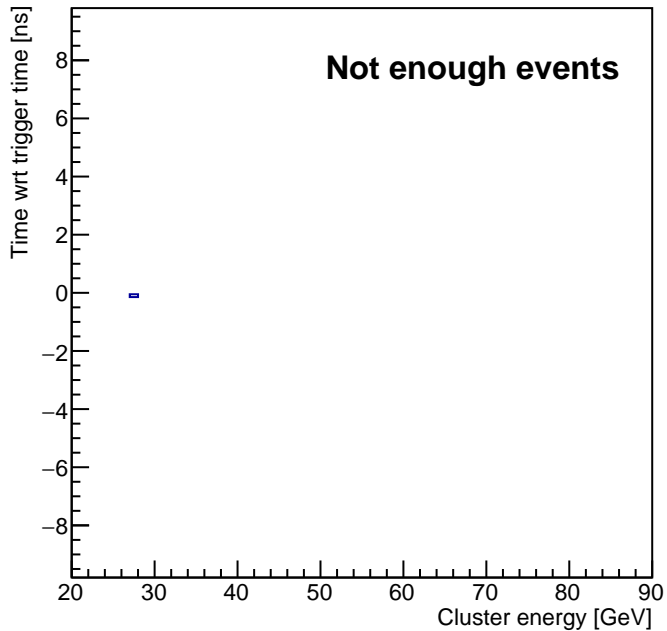
### Cluster time vs energy282



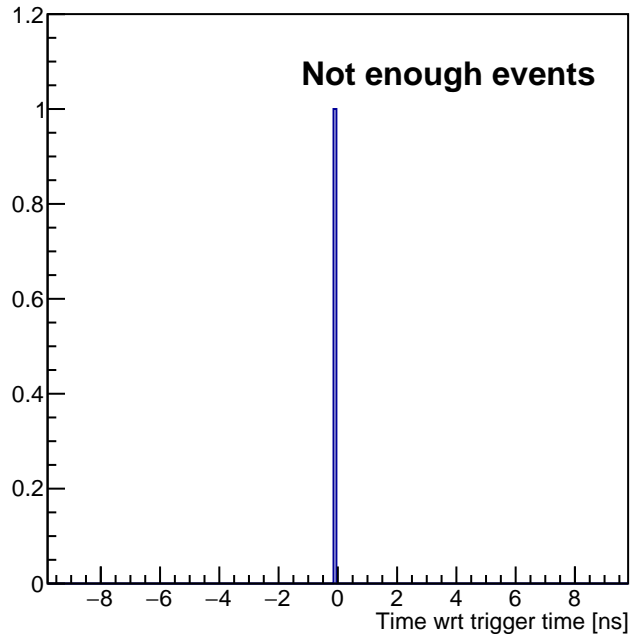
### Primitive time resolution 282



### Cluster time vs energy283



### Primitive time resolution 283



### Cluster time vs energy284



### Primitive time resolution 284





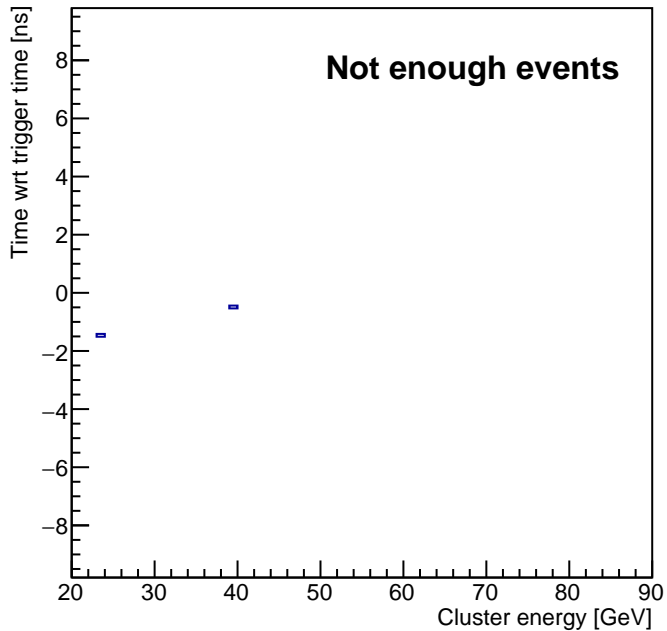
### Cluster time vs energy285



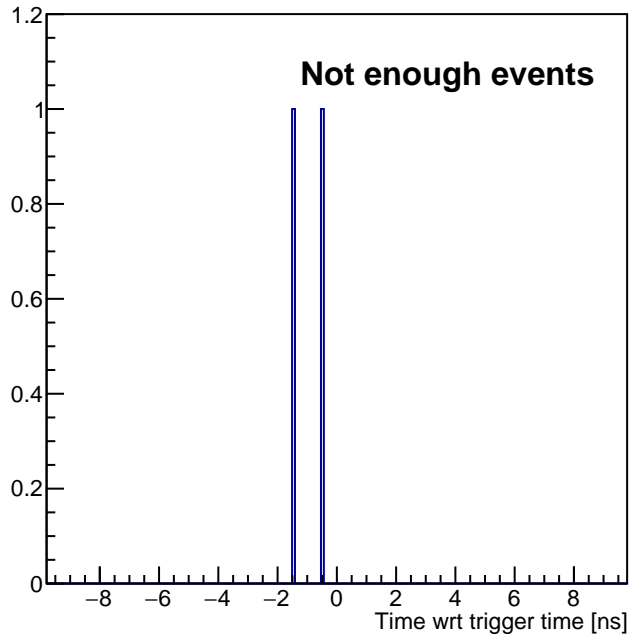
### Primitive time resolution 285



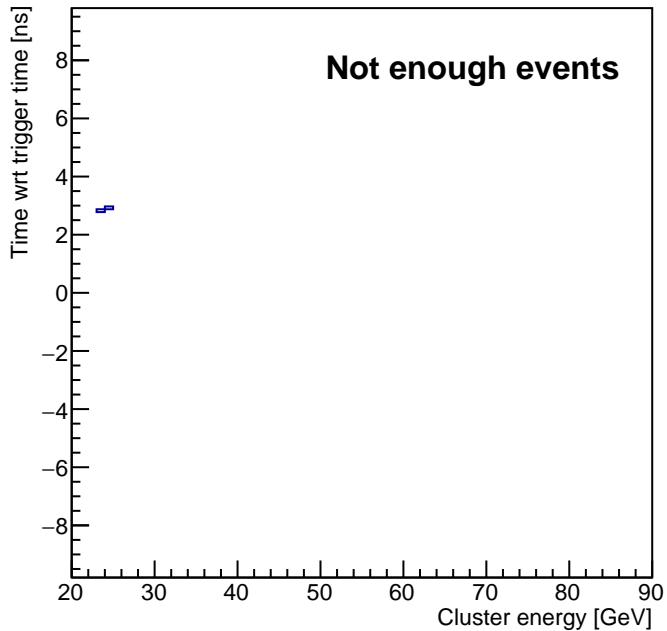
### Cluster time vs energy286



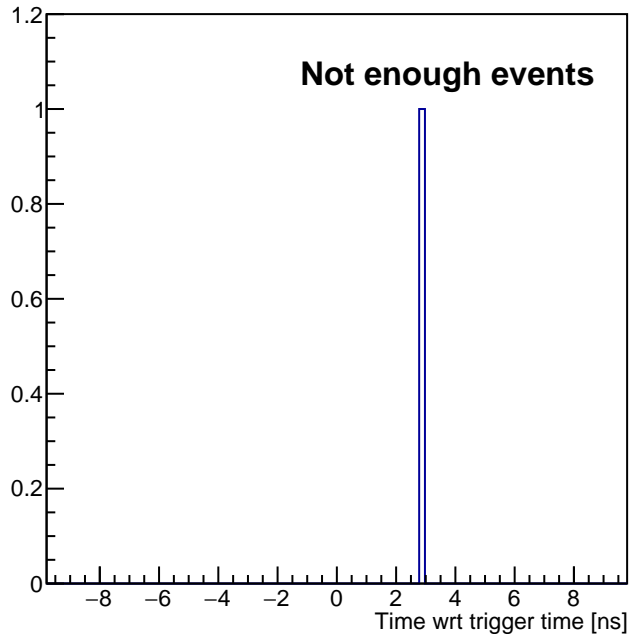
### Primitive time resolution 286



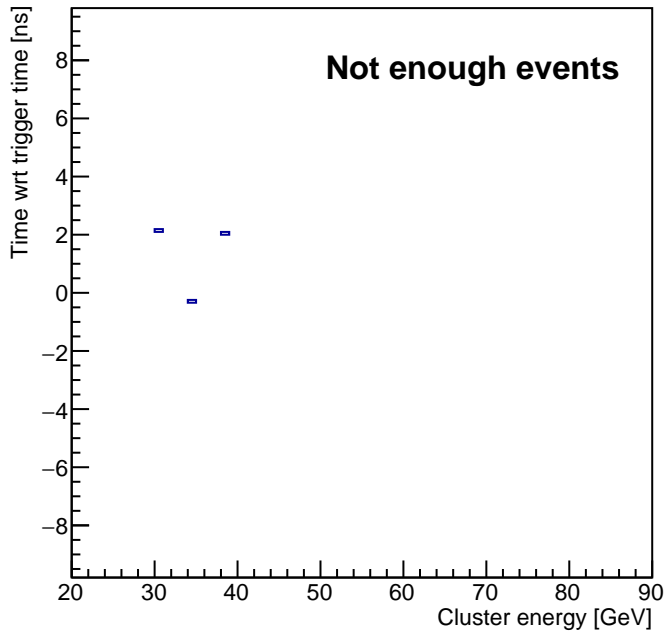
### Cluster time vs energy287



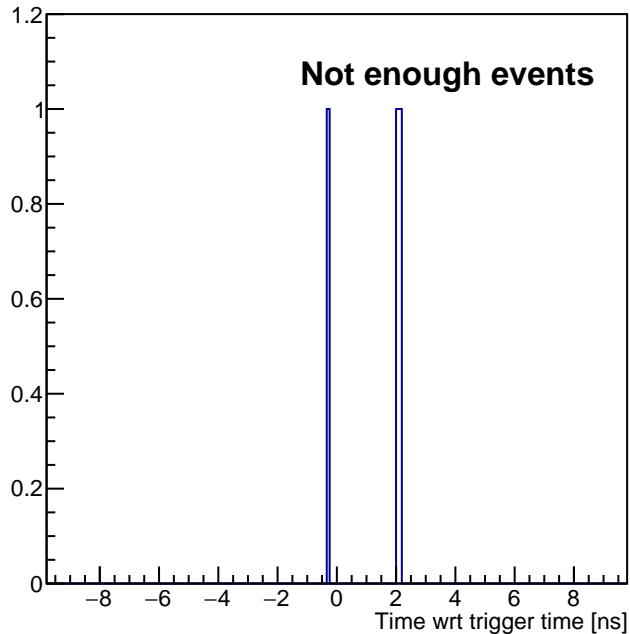
### Primitive time resolution 287



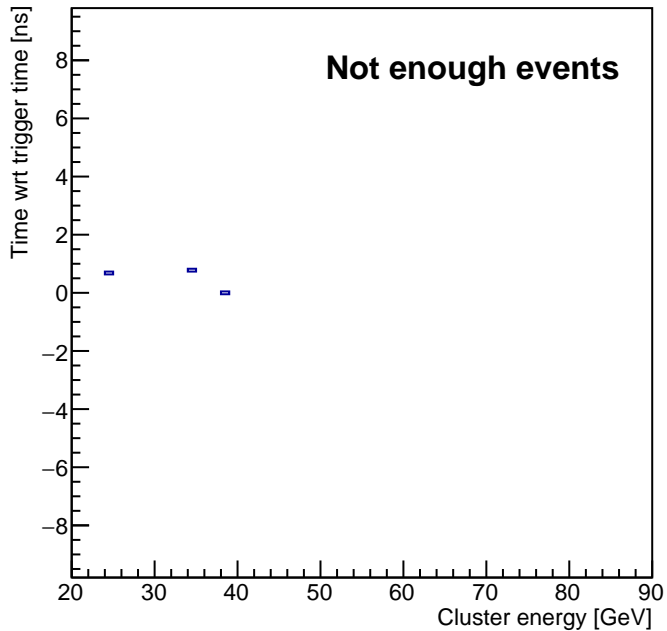
### Cluster time vs energy288



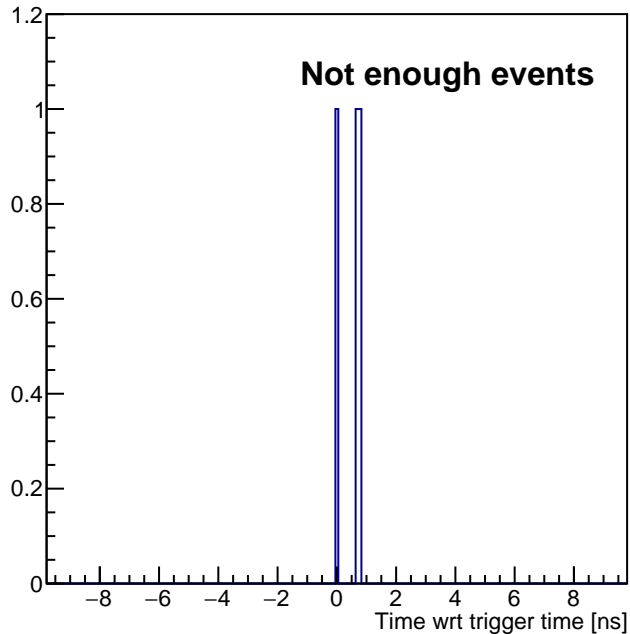
### Primitive time resolution 288



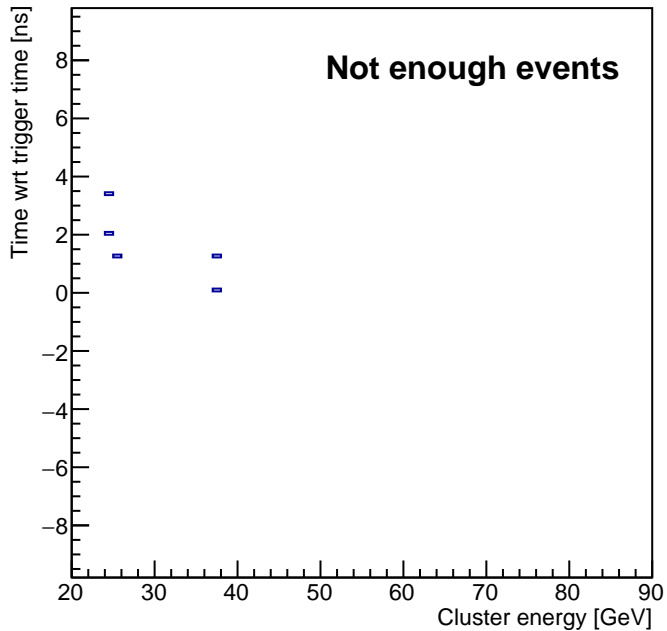
### Cluster time vs energy289



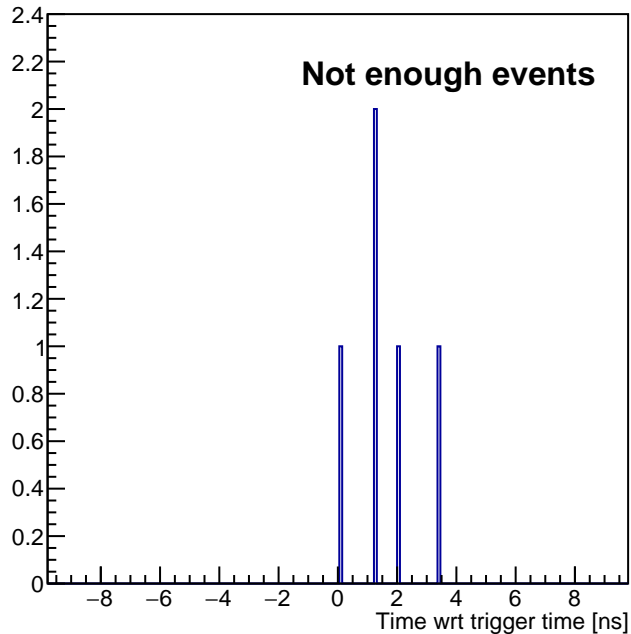
### Primitive time resolution 289



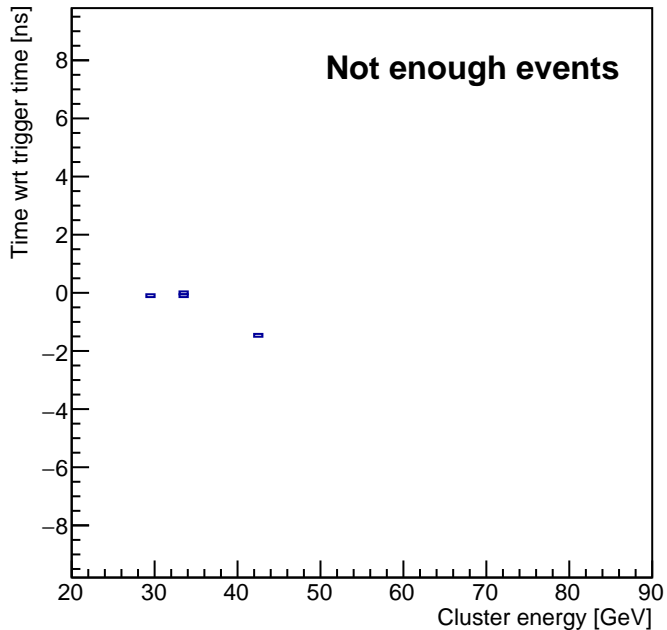
### Cluster time vs energy290



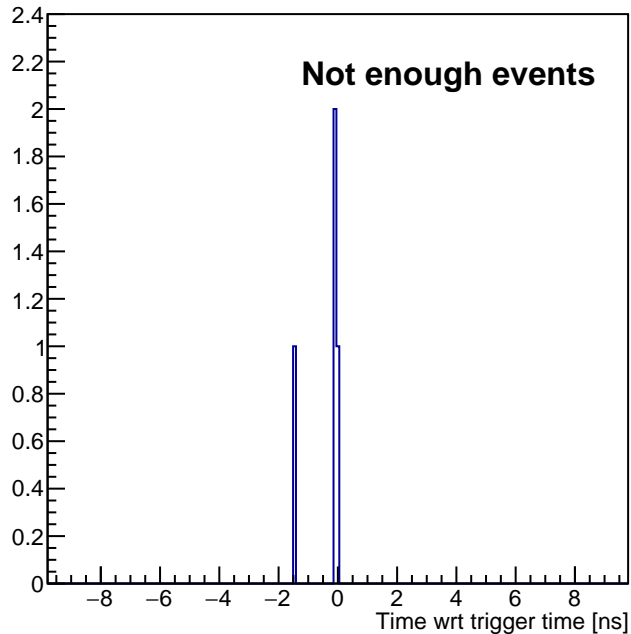
### Primitive time resolution 290



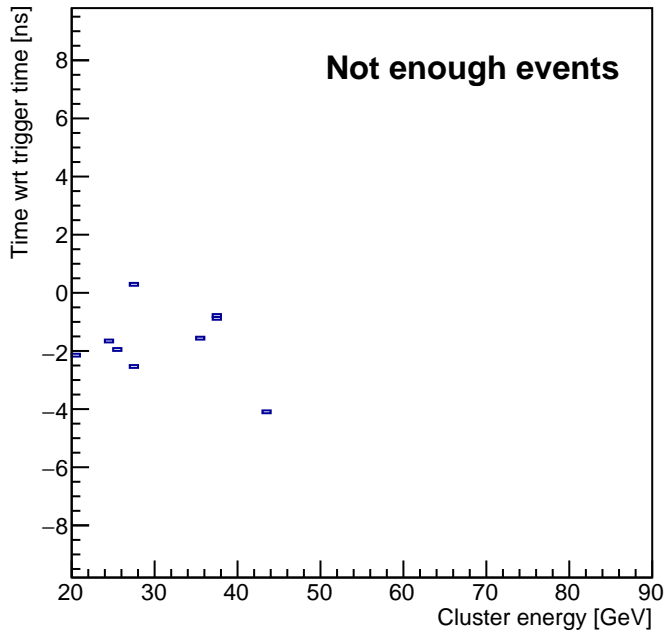
### Cluster time vs energy291



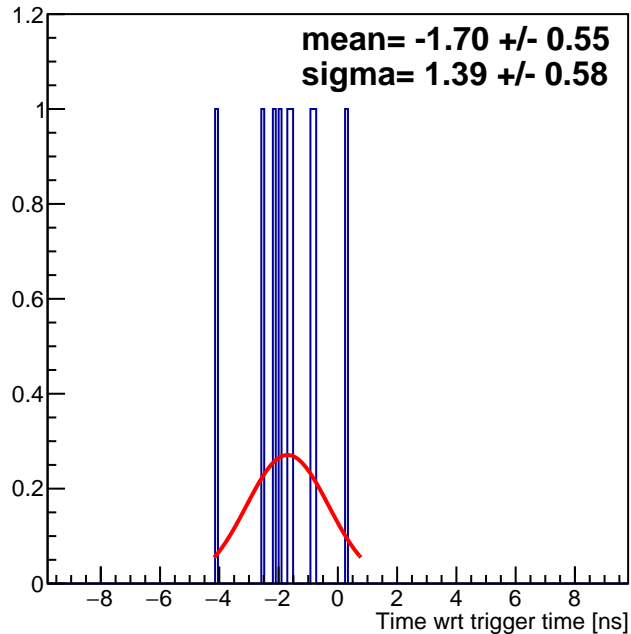
### Primitive time resolution 291



### Cluster time vs energy292

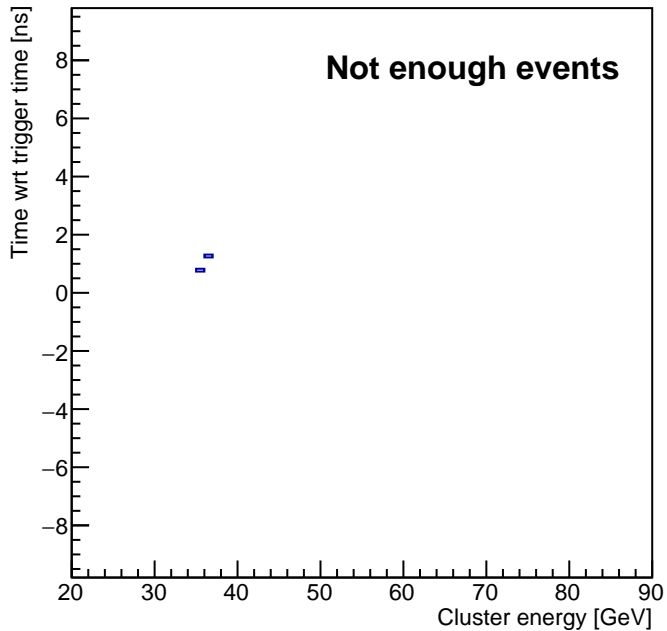


### Primitive time resolution 292

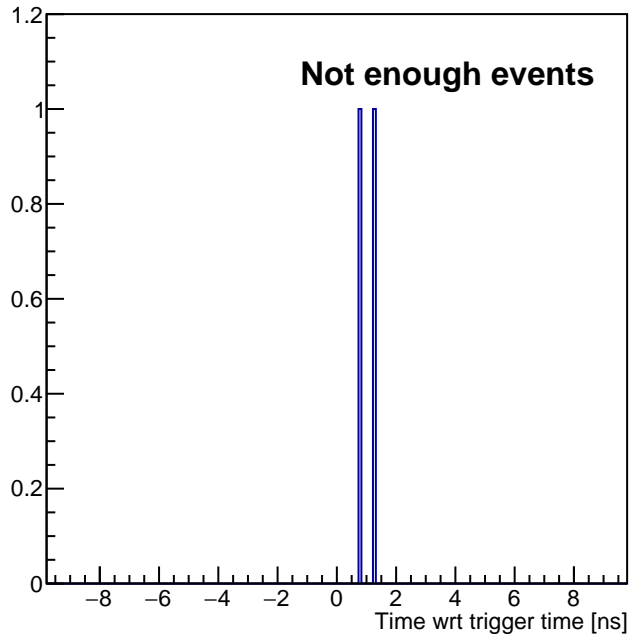




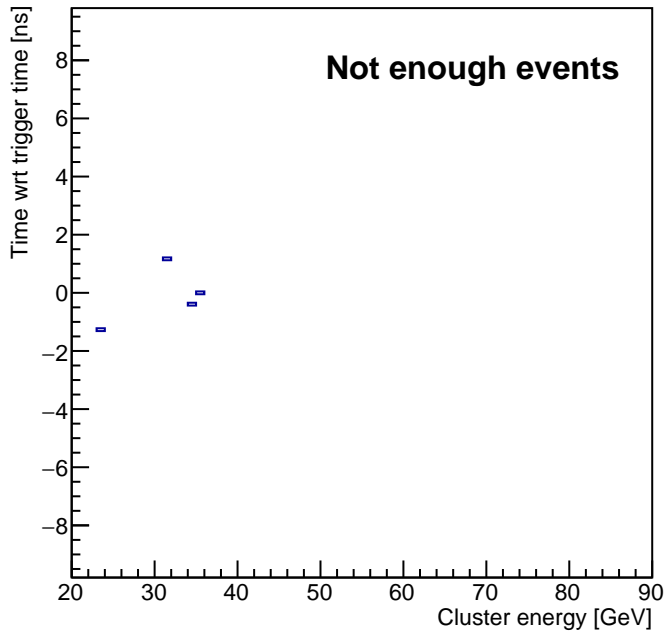
### Cluster time vs energy293



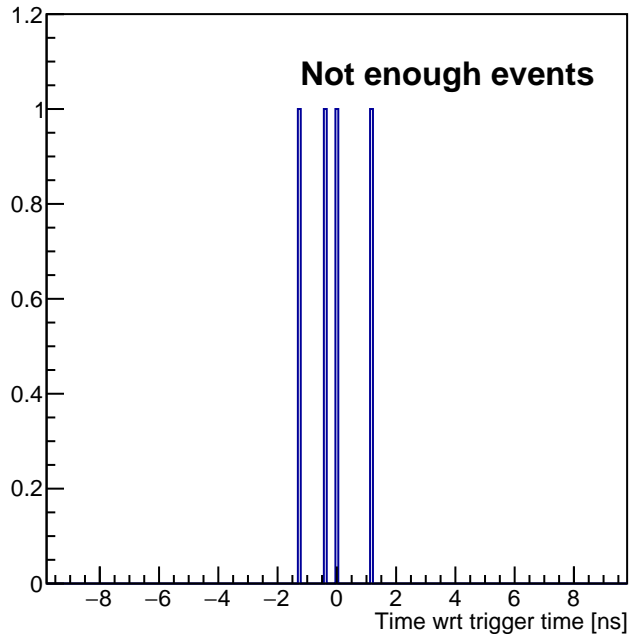
### Primitive time resolution 293



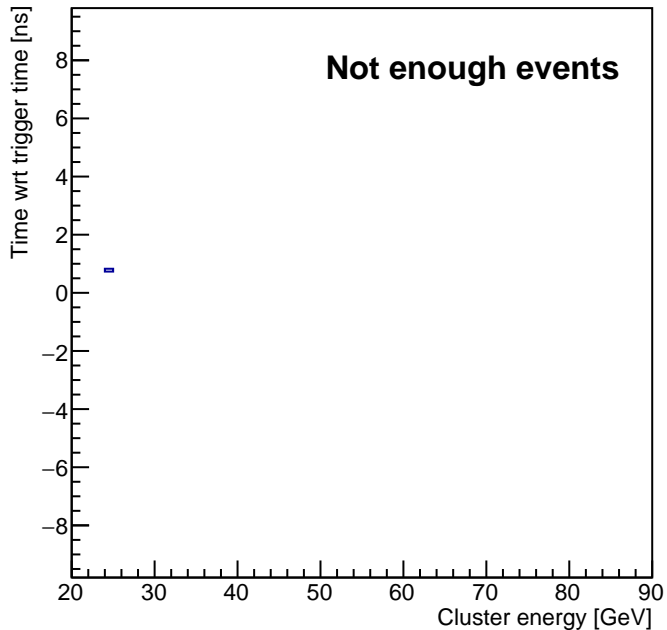
### Cluster time vs energy294



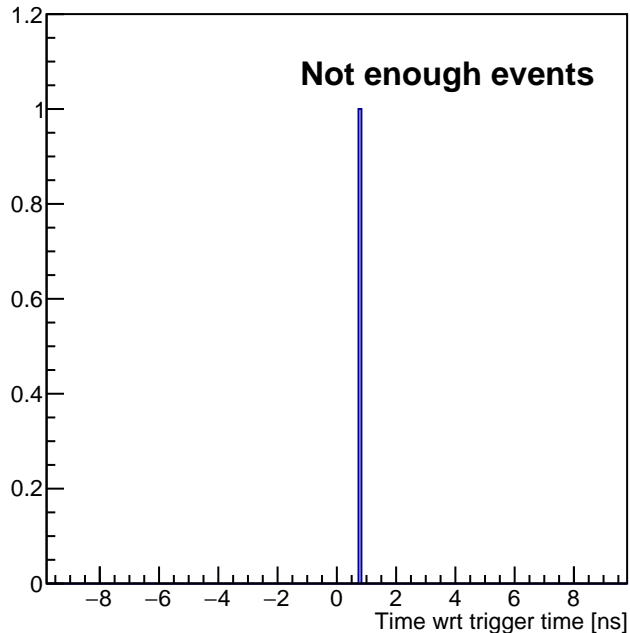
### Primitive time resolution 294



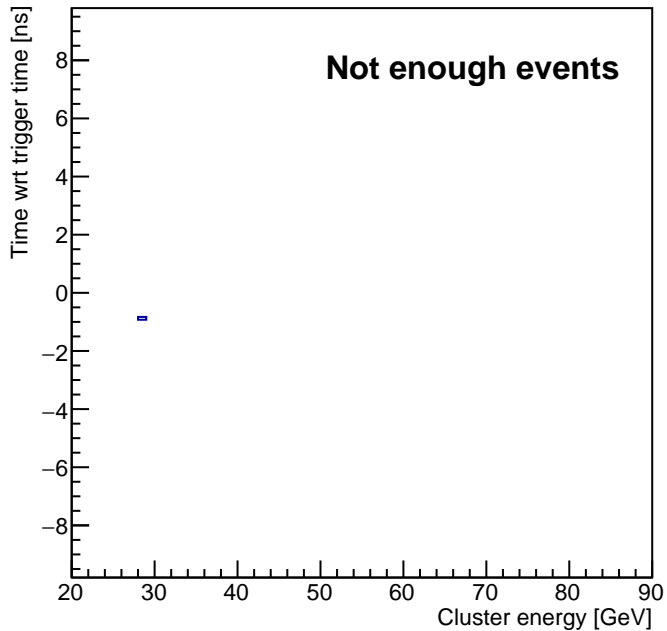
### Cluster time vs energy295



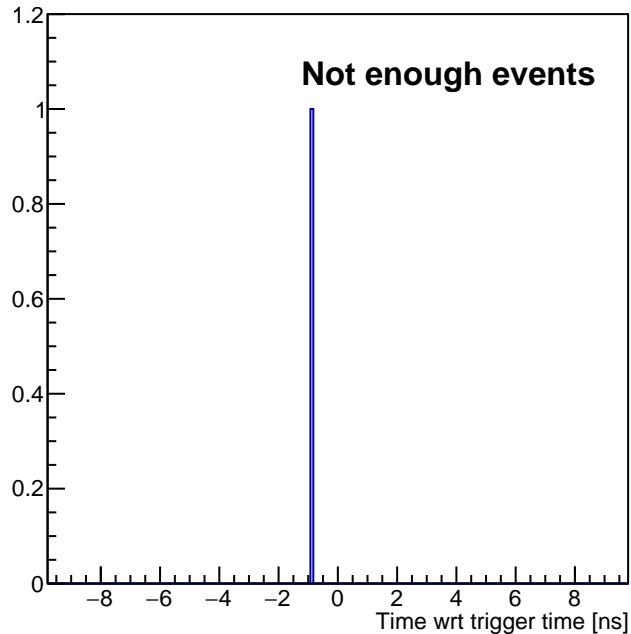
### Primitive time resolution 295



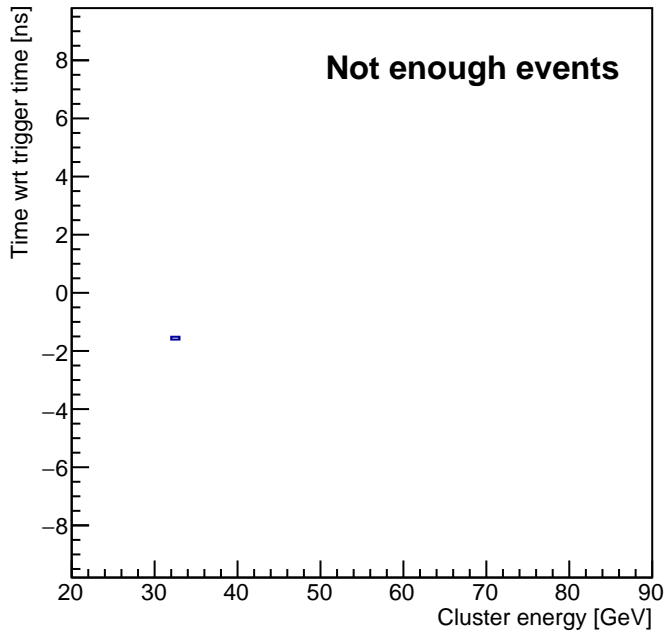
### Cluster time vs energy296



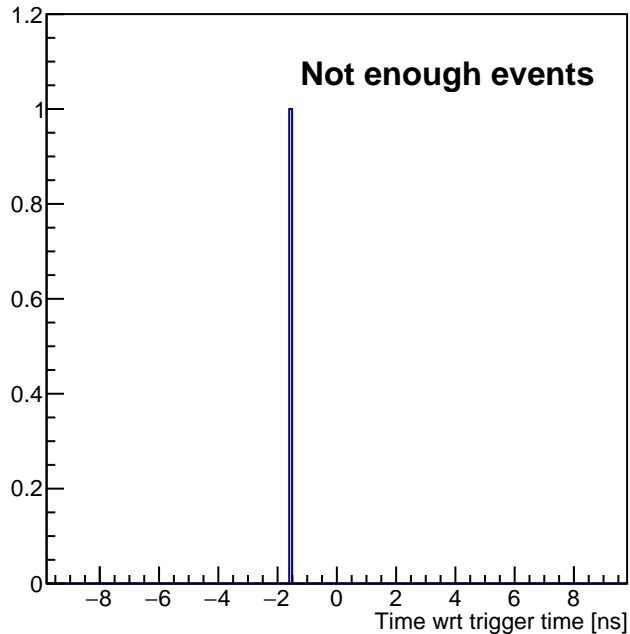
### Primitive time resolution 296



### Cluster time vs energy297



### Primitive time resolution 297



### Cluster time vs energy298



### Primitive time resolution 298



### Cluster time vs energy299



### Primitive time resolution 299



Cluster time vs energy300



Primitive time resolution 300





### Cluster time vs energy301



### Primitive time resolution 301



### Cluster time vs energy302



### Primitive time resolution 302



Cluster time vs energy303



Primitive time resolution 303



### Cluster time vs energy304



### Primitive time resolution 304



### Cluster time vs energy307



### Primitive time resolution 307



### Cluster time vs energy308



### Primitive time resolution 308



### Cluster time vs energy309



### Primitive time resolution 309



### Cluster time vs energy310



### Primitive time resolution 310





### Cluster time vs energy311



### Primitive time resolution 311



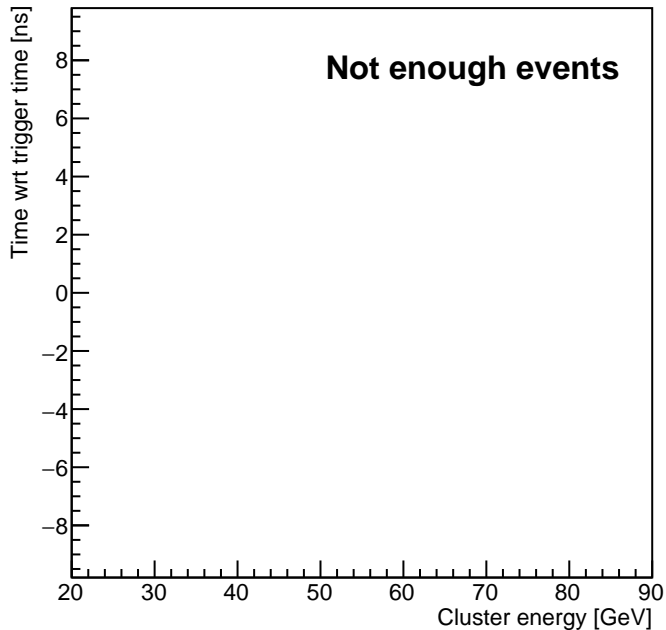
### Cluster time vs energy312



### Primitive time resolution 312



### Cluster time vs energy313



### Primitive time resolution 313



### Cluster time vs energy314



### Primitive time resolution 314



### Cluster time vs energy315



### Primitive time resolution 315



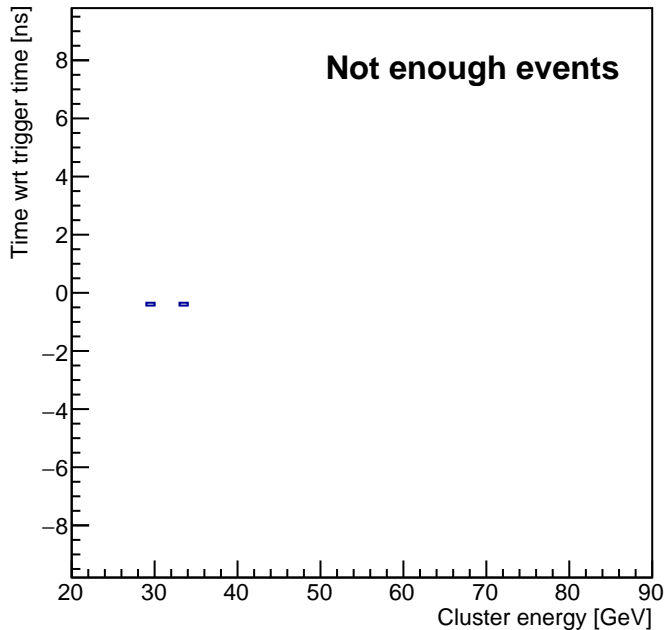
### Cluster time vs energy316



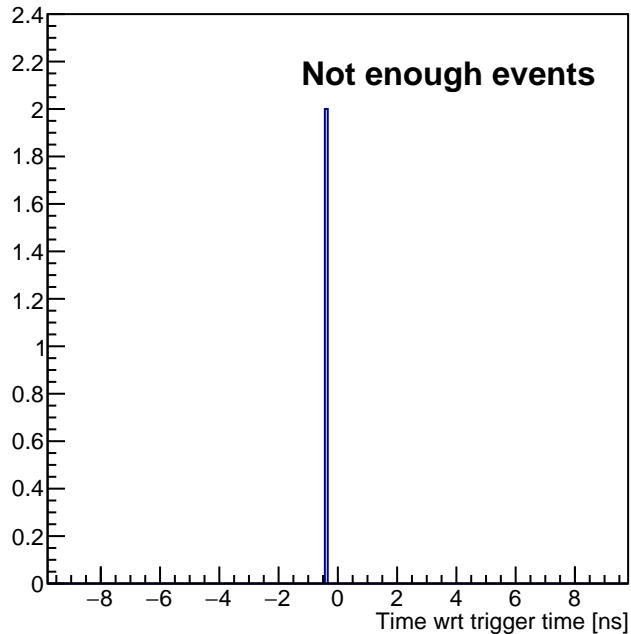
### Primitive time resolution 316



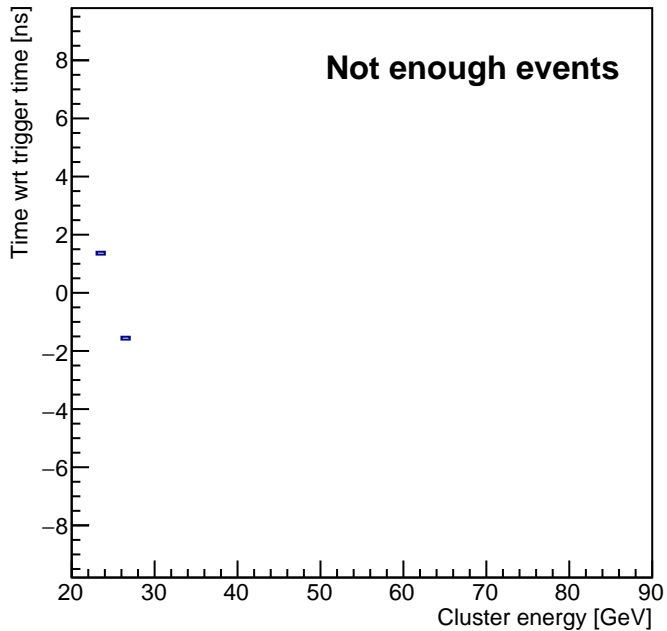
### Cluster time vs energy317



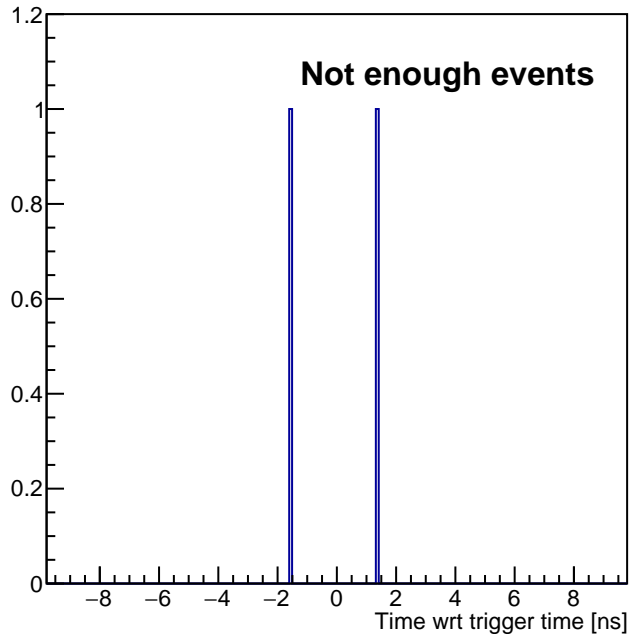
### Primitive time resolution 317



### Cluster time vs energy318

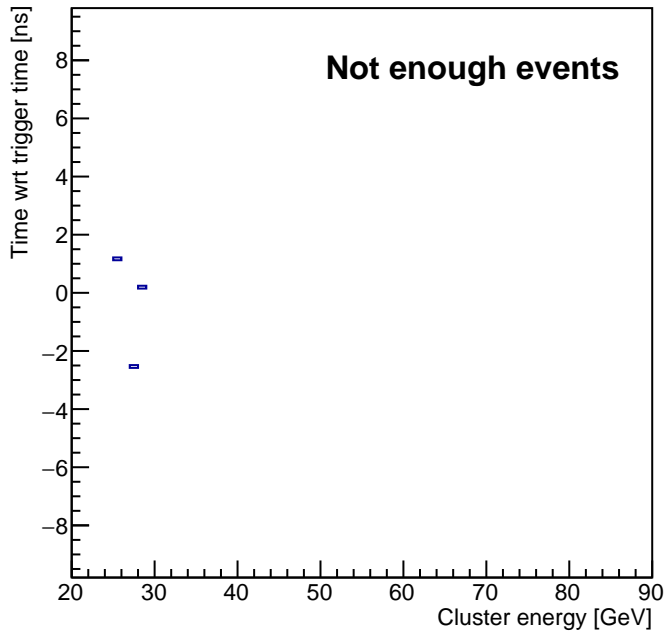


### Primitive time resolution 318

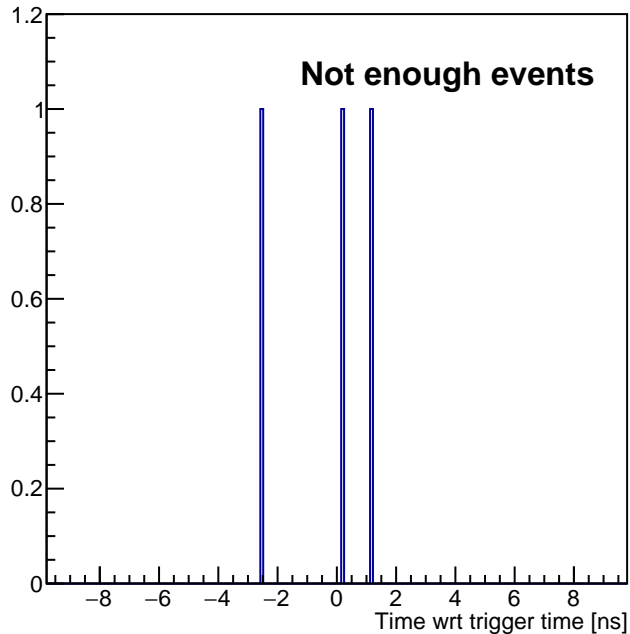




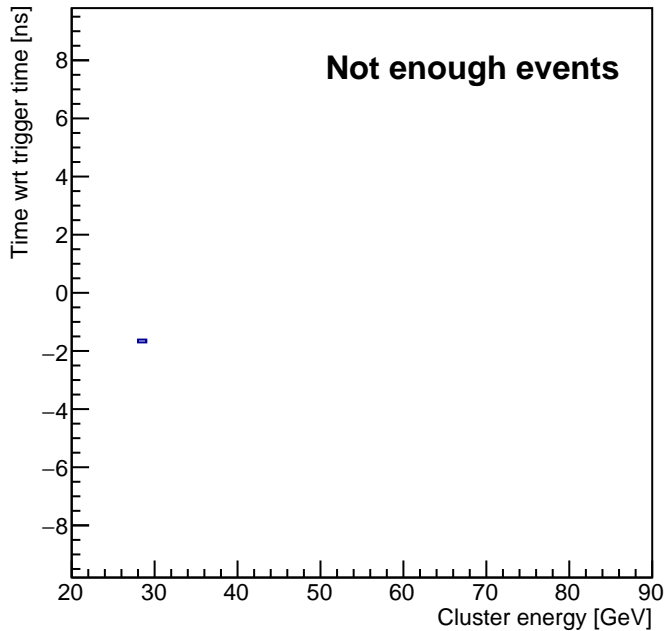
### Cluster time vs energy319



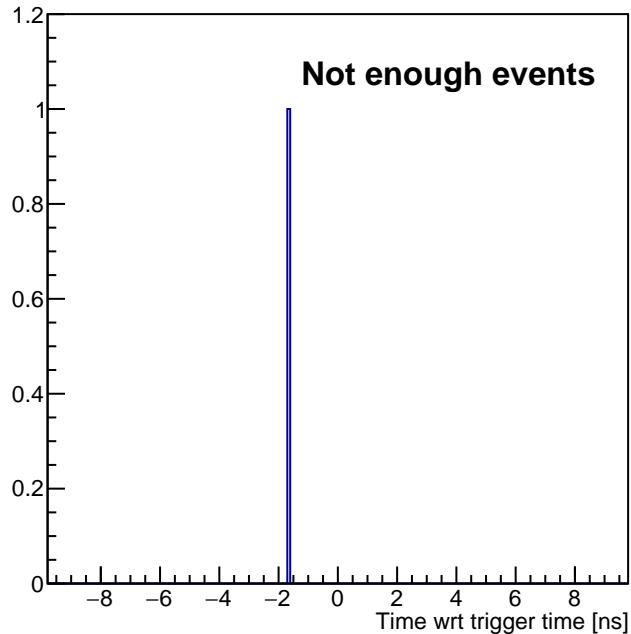
### Primitive time resolution 319



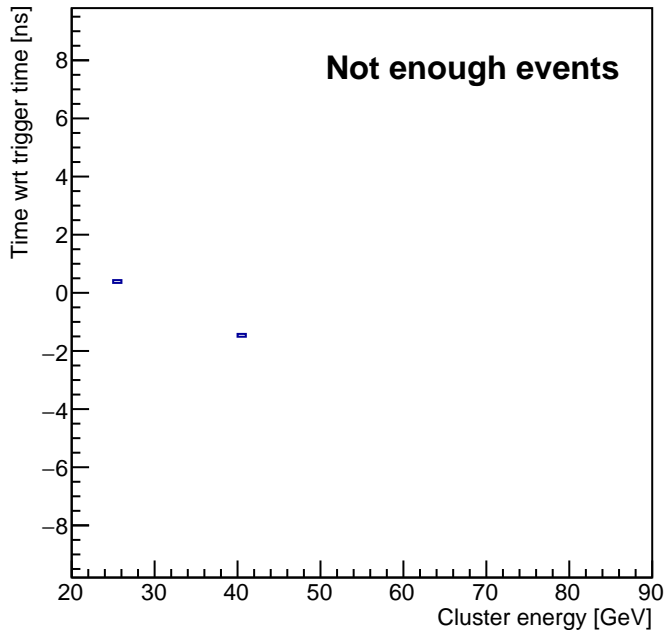
### Cluster time vs energy320



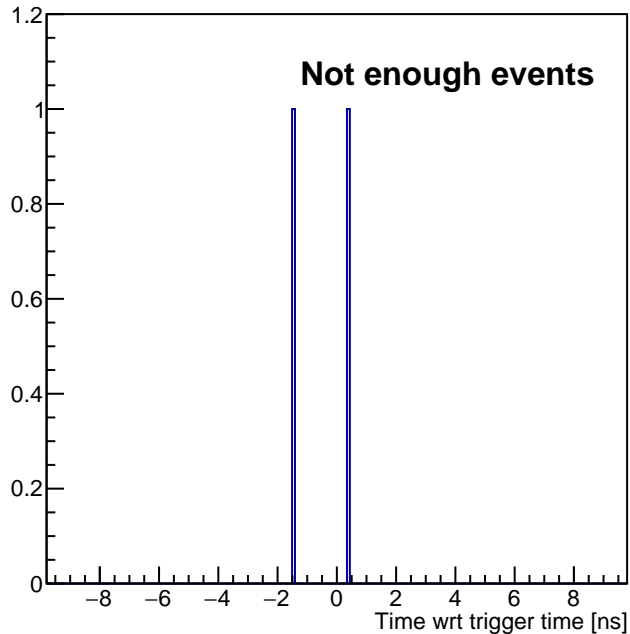
### Primitive time resolution 320



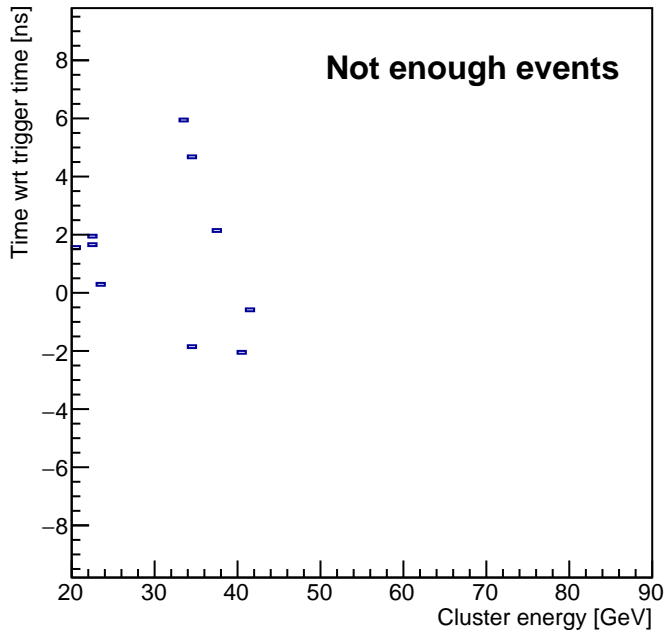
### Cluster time vs energy321



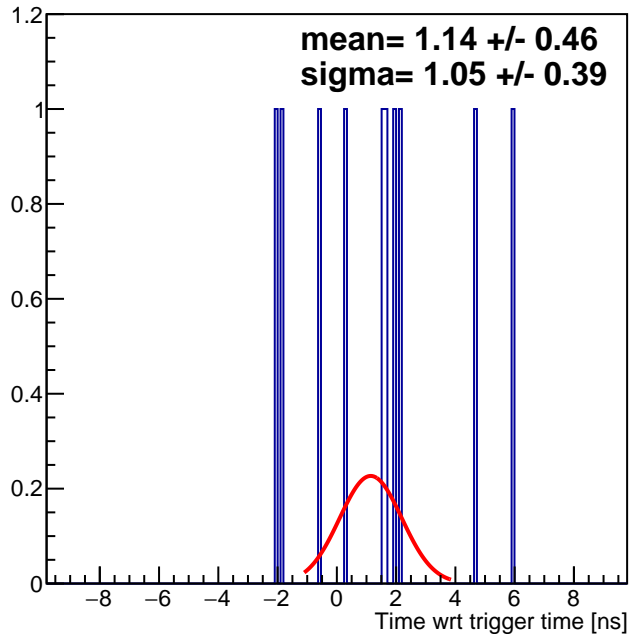
### Primitive time resolution 321



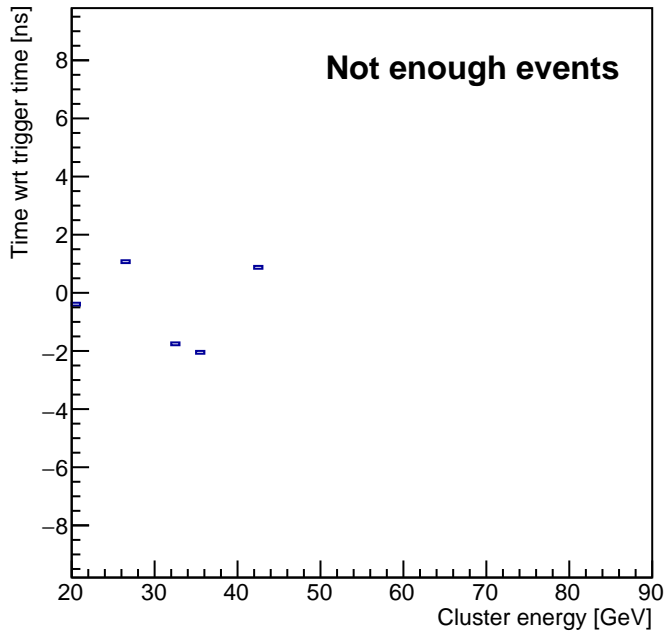
### Cluster time vs energy322



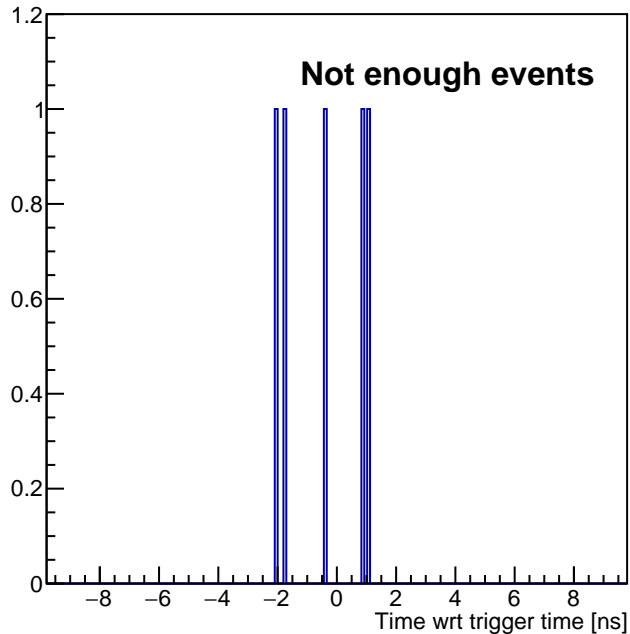
### Primitive time resolution 322



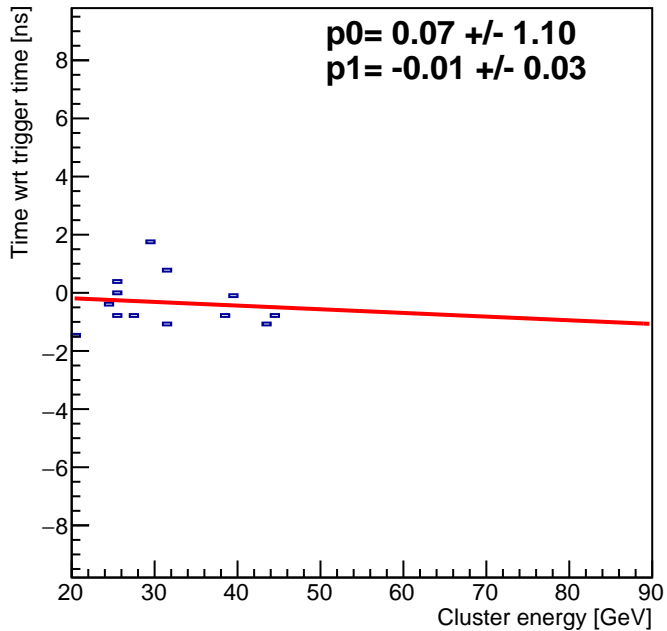
### Cluster time vs energy323



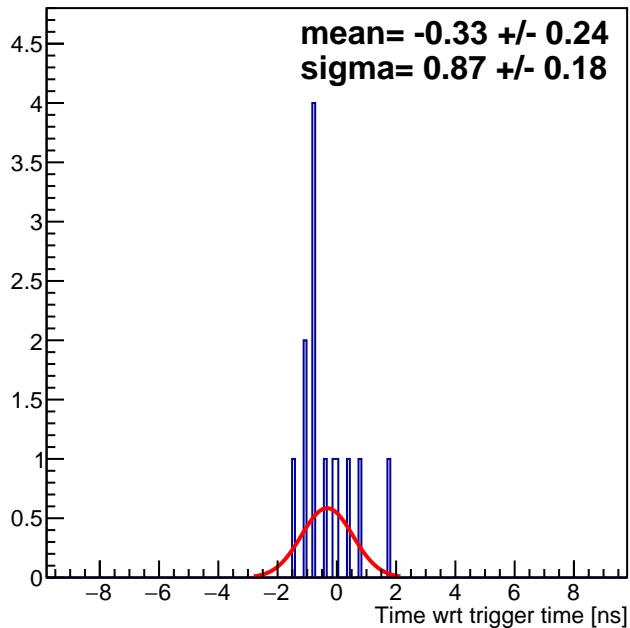
### Primitive time resolution 323



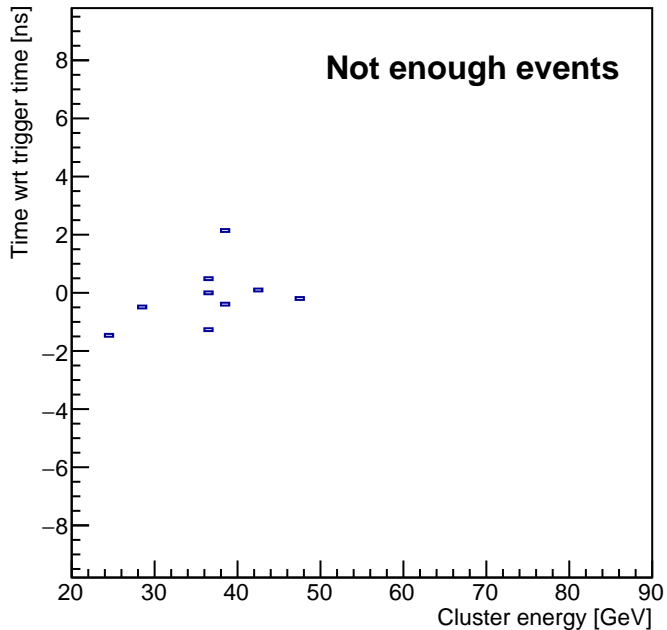
### Cluster time vs energy324



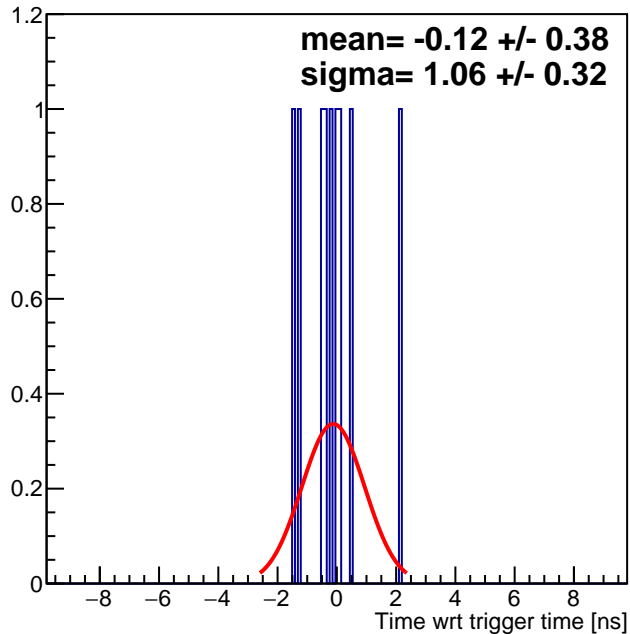
### Primitive time resolution 324



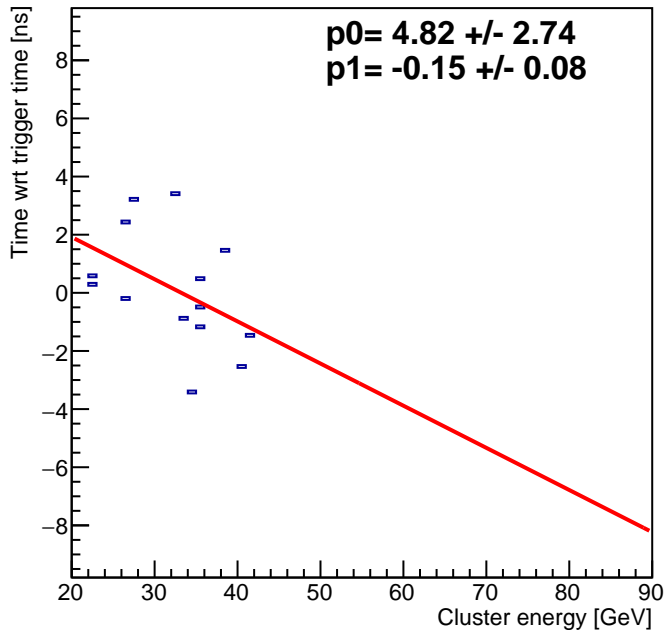
### Cluster time vs energy325



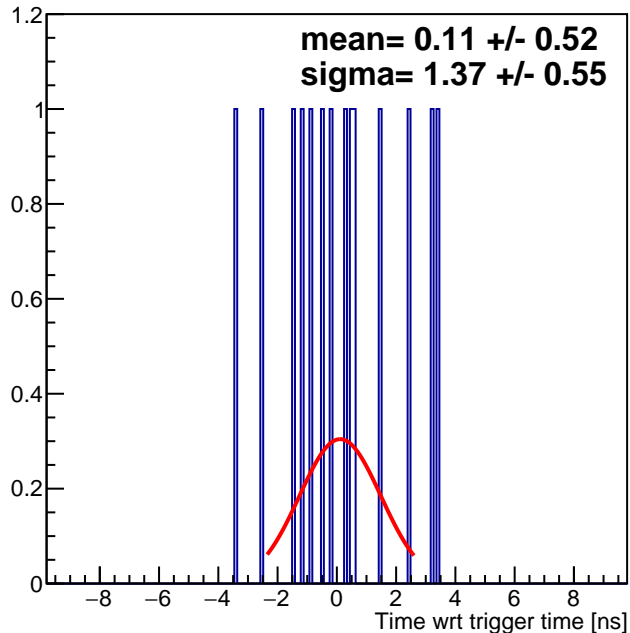
### Primitive time resolution 325



### Cluster time vs energy326

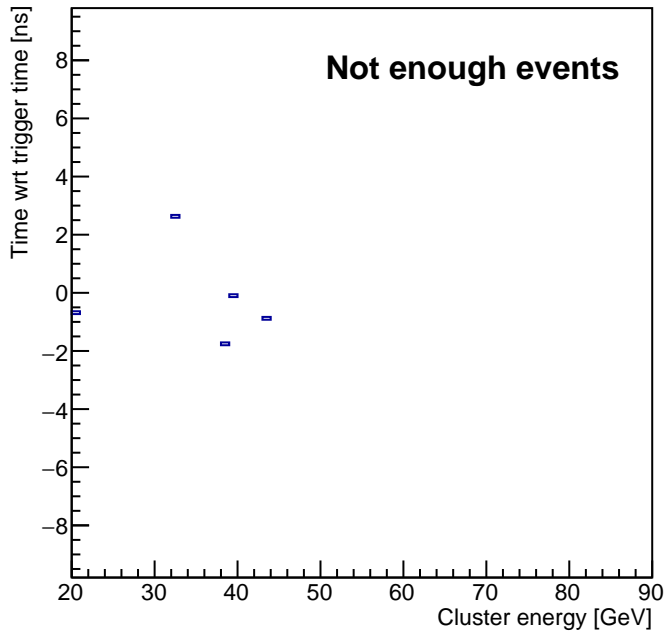


### Primitive time resolution 326

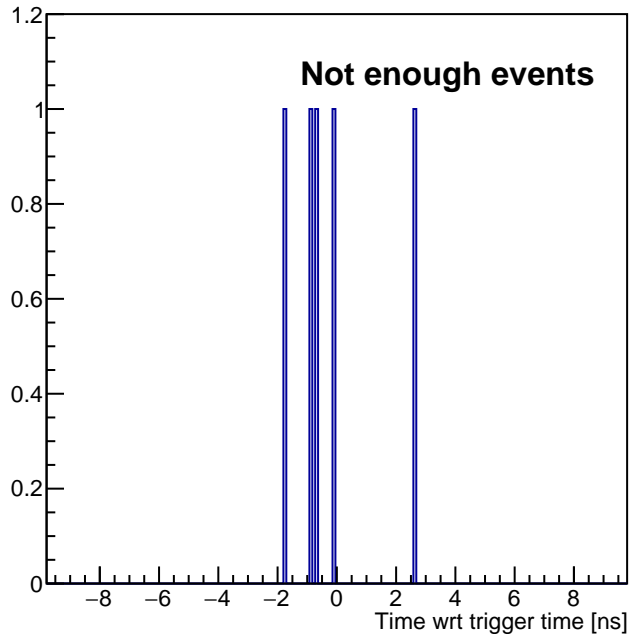




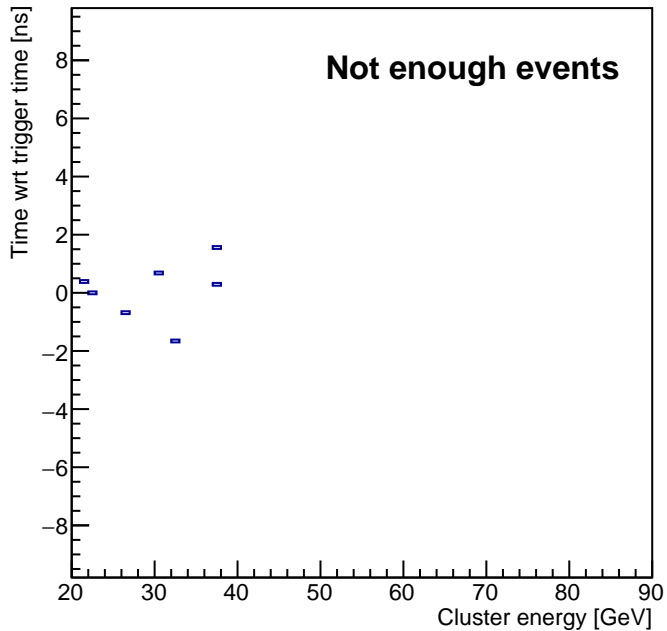
### Cluster time vs energy327



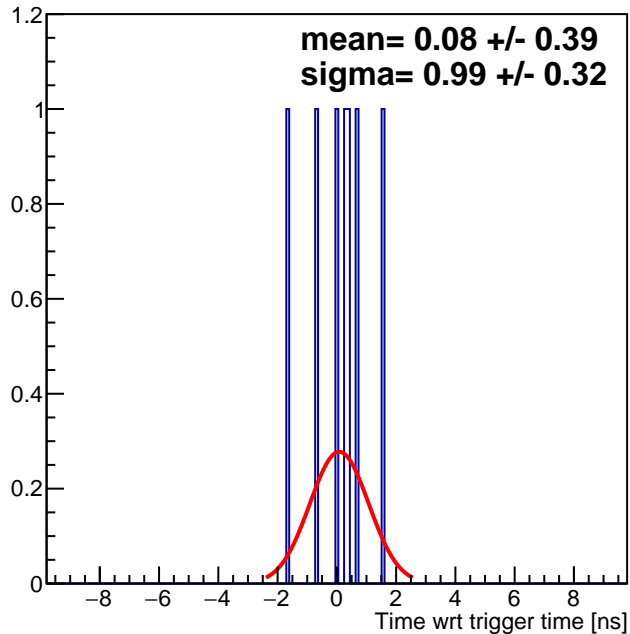
### Primitive time resolution 327



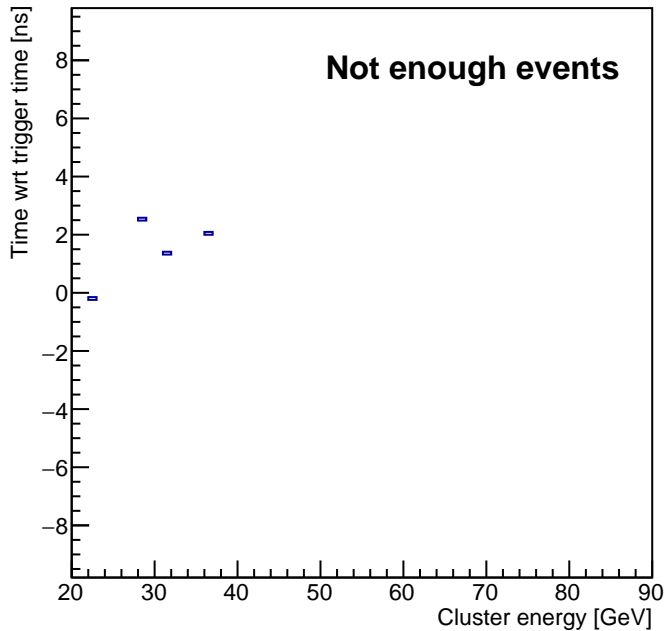
### Cluster time vs energy328



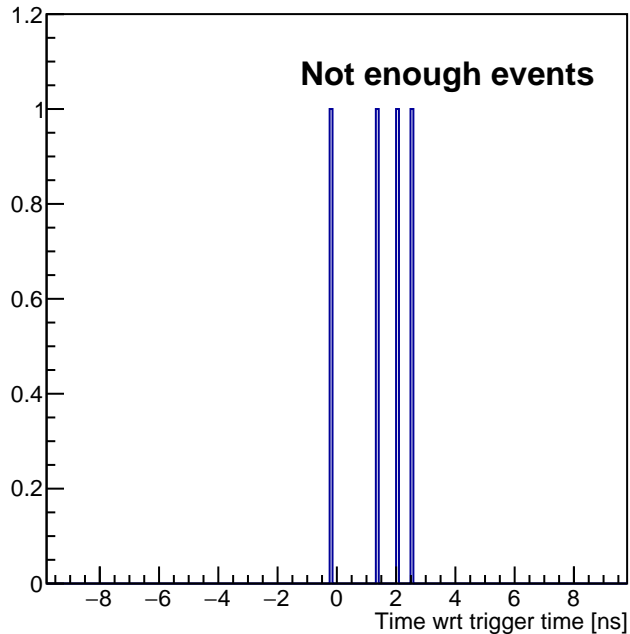
### Primitive time resolution 328



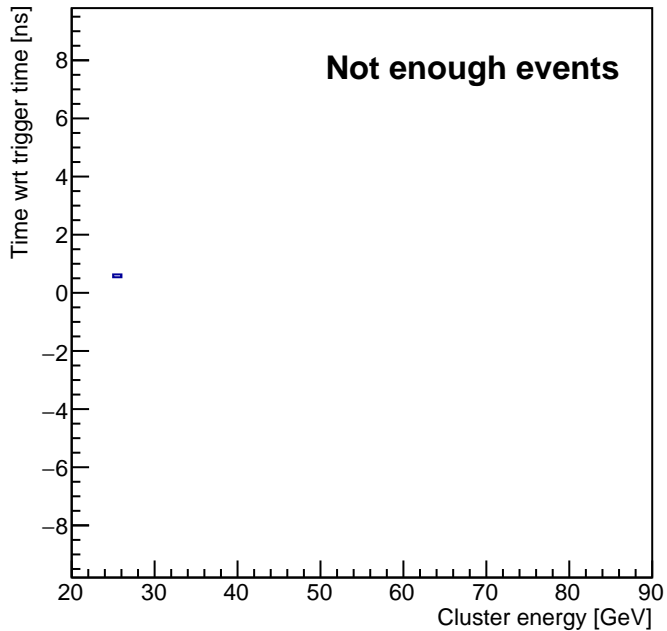
### Cluster time vs energy329



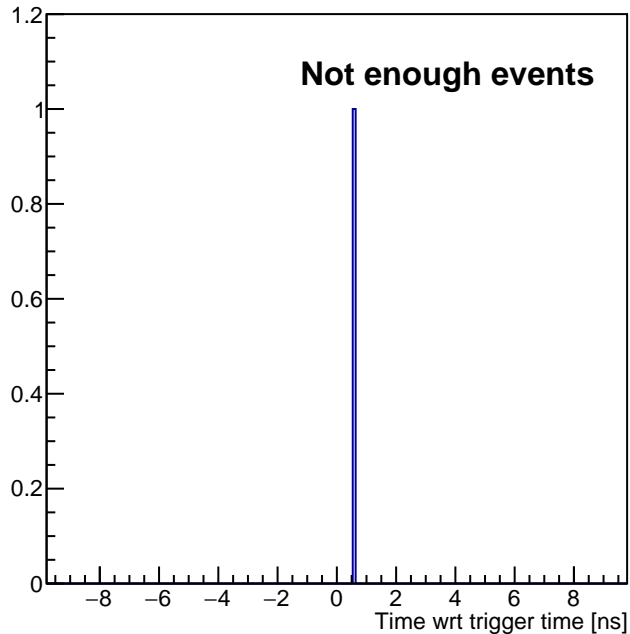
### Primitive time resolution 329



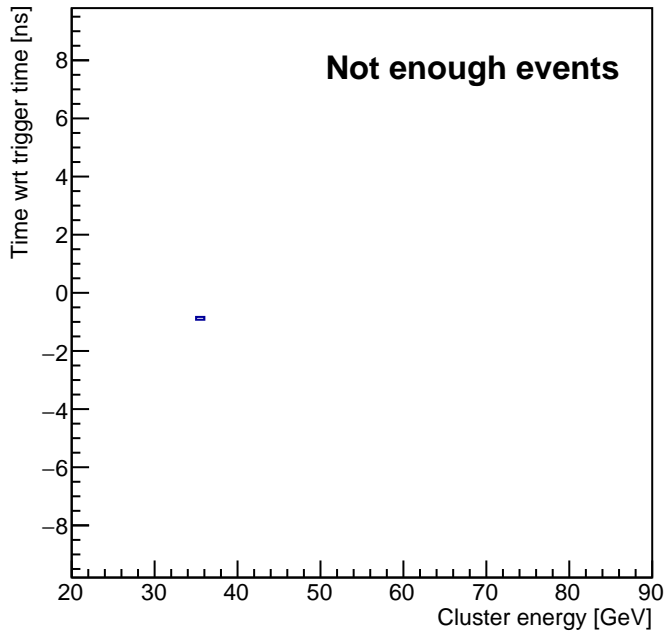
### Cluster time vs energy330



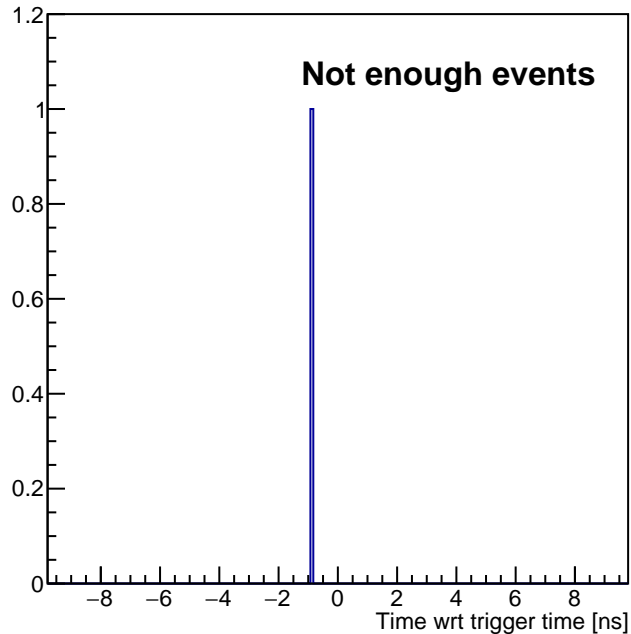
### Primitive time resolution 330



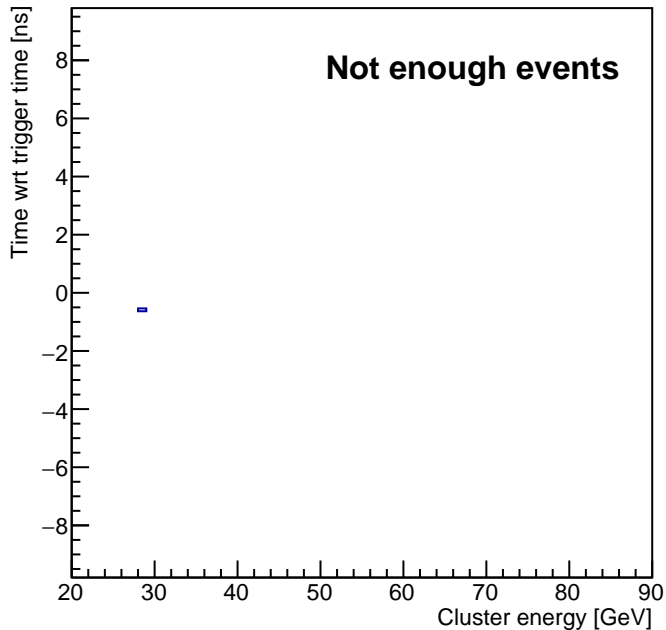
### Cluster time vs energy331



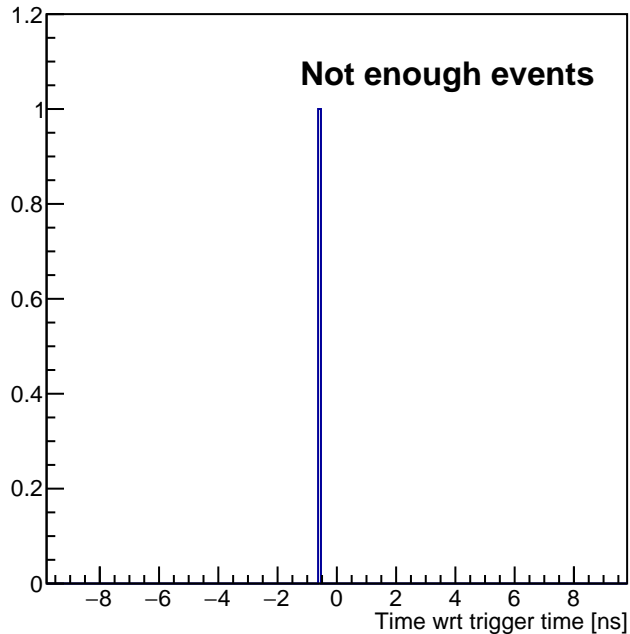
### Primitive time resolution 331



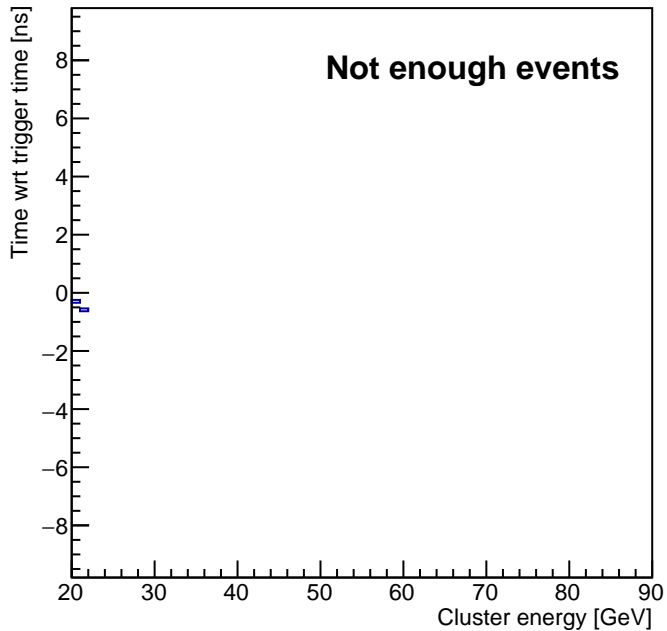
### Cluster time vs energy332



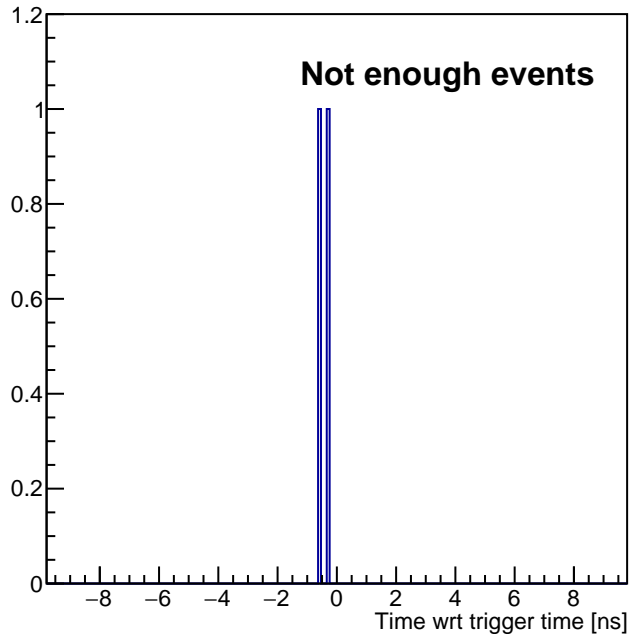
### Primitive time resolution 332



### Cluster time vs energy333



### Primitive time resolution 333



### Cluster time vs energy334



### Primitive time resolution 334





### Cluster time vs energy335



### Primitive time resolution 335



### Cluster time vs energy336



### Primitive time resolution 336



### Cluster time vs energy337



### Primitive time resolution 337



### Cluster time vs energy338



### Primitive time resolution 338



Cluster time vs energy341



Primitive time resolution 341



Cluster time vs energy342



Primitive time resolution 342



### Cluster time vs energy343



### Primitive time resolution 343



### Cluster time vs energy344



### Primitive time resolution 344





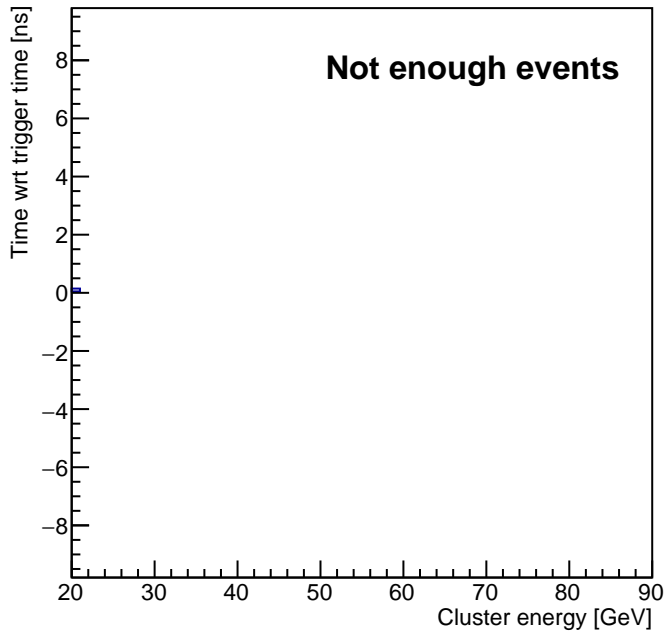
### Cluster time vs energy345



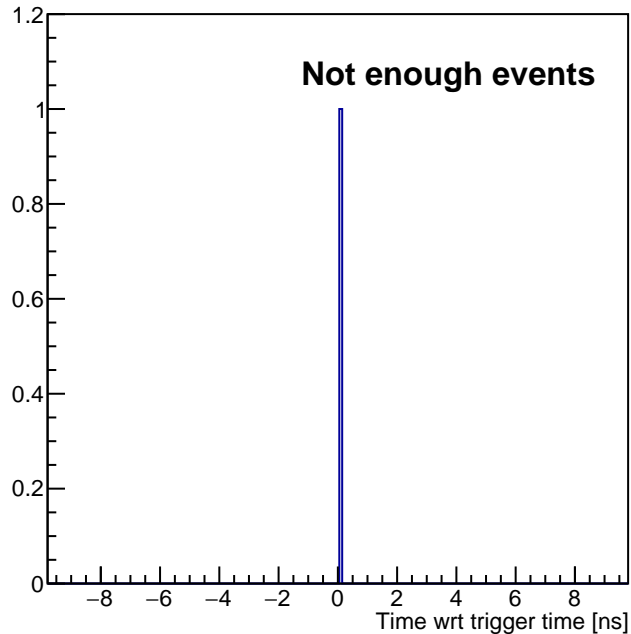
### Primitive time resolution 345



### Cluster time vs energy346



### Primitive time resolution 346



Cluster time vs energy347



Primitive time resolution 347



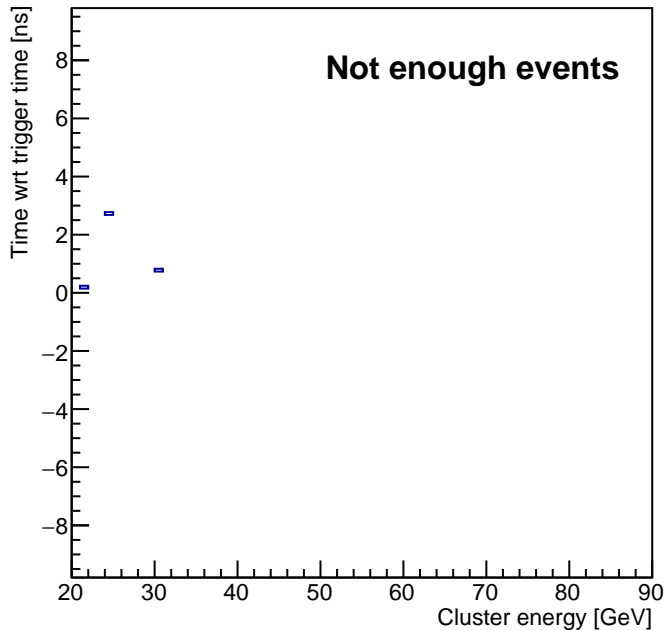
### Cluster time vs energy348



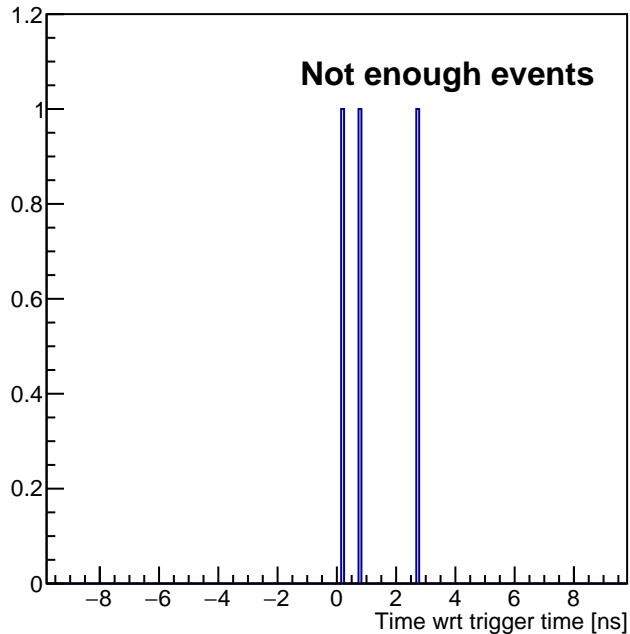
### Primitive time resolution 348



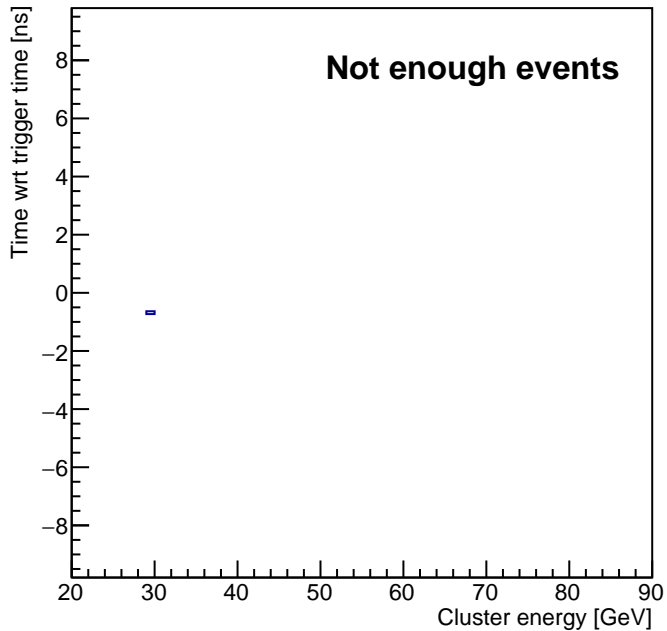
### Cluster time vs energy349



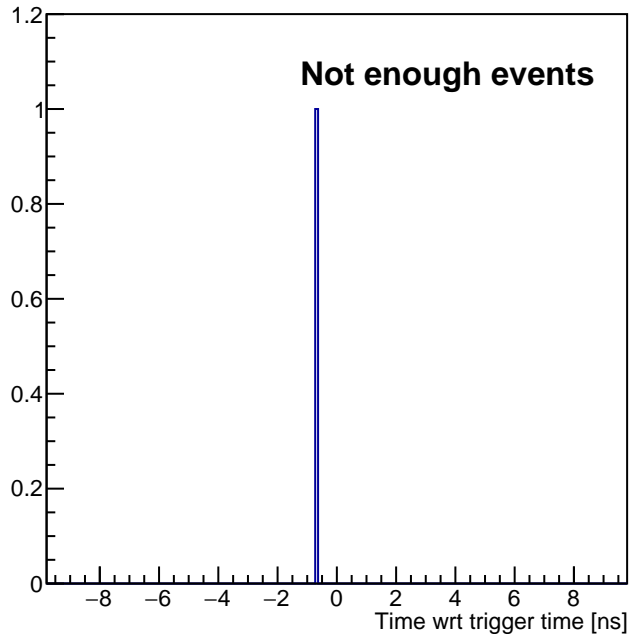
### Primitive time resolution 349



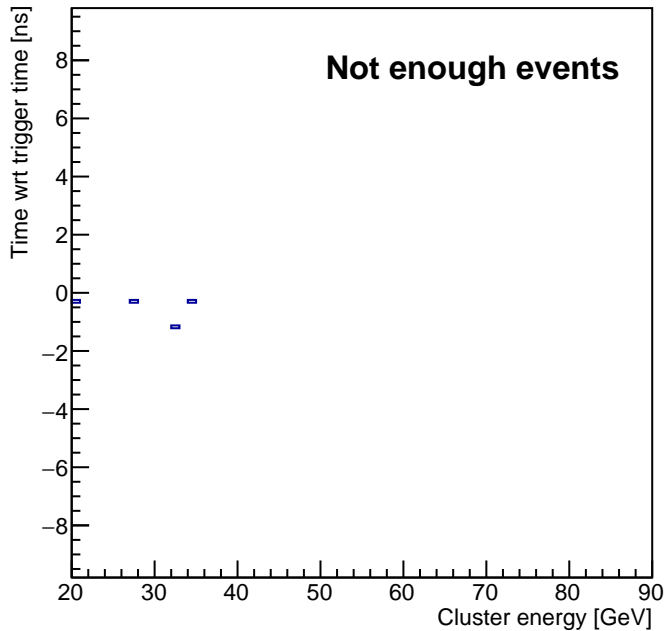
### Cluster time vs energy350



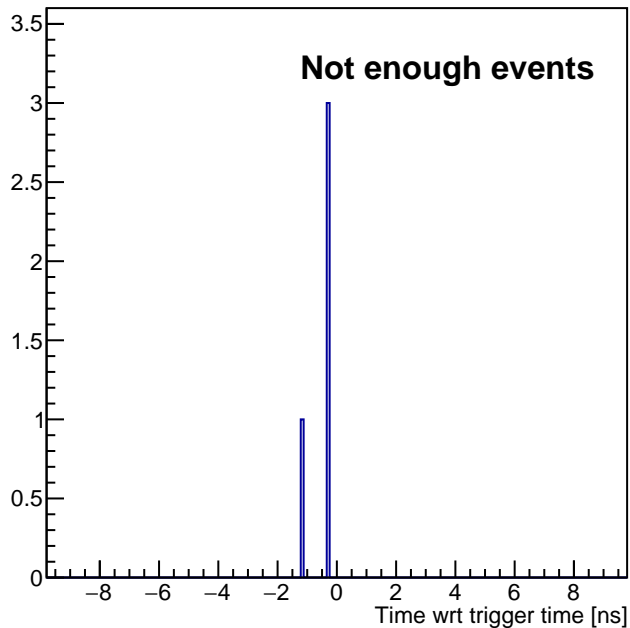
### Primitive time resolution 350



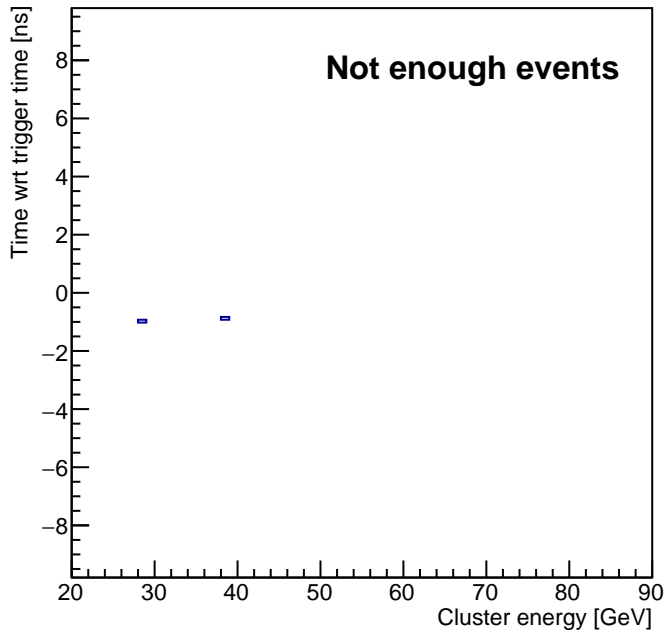
### Cluster time vs energy351



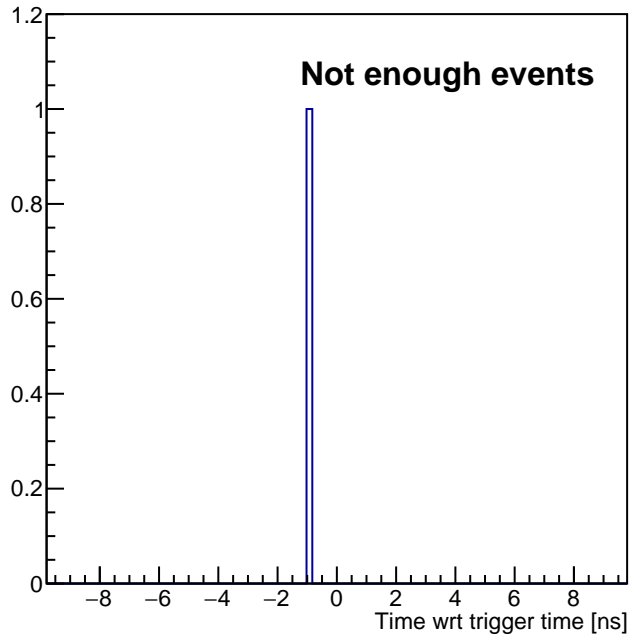
### Primitive time resolution 351



### Cluster time vs energy352

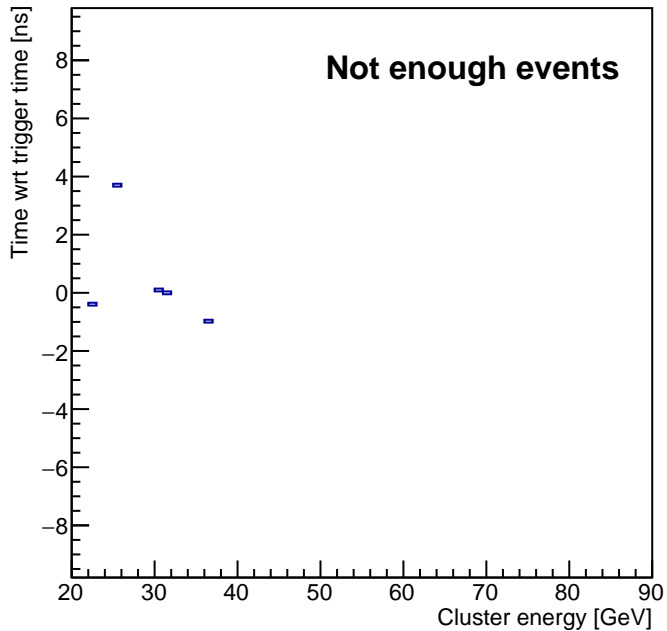


### Primitive time resolution 352

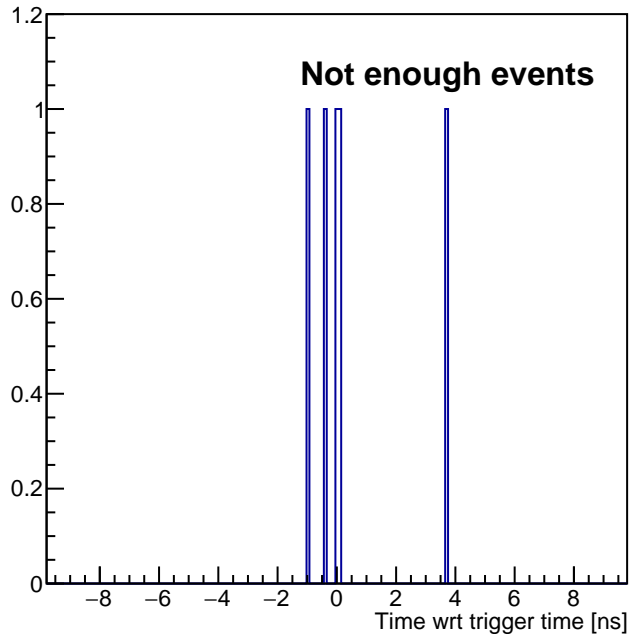




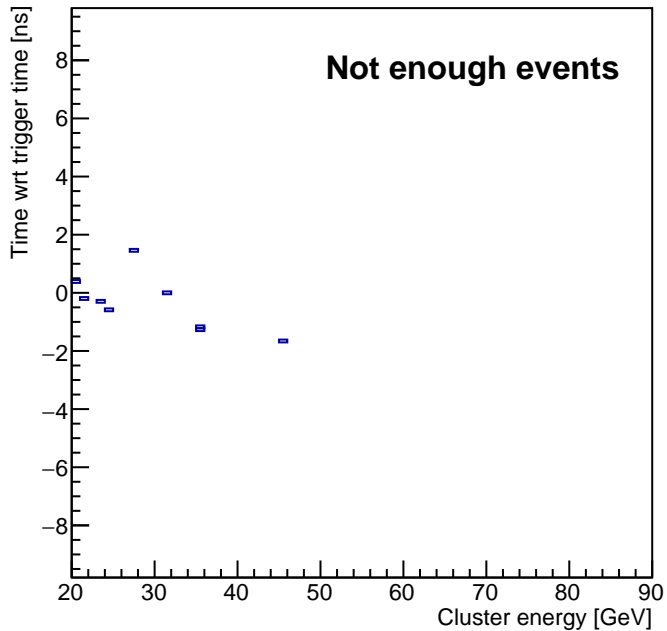
### Cluster time vs energy353



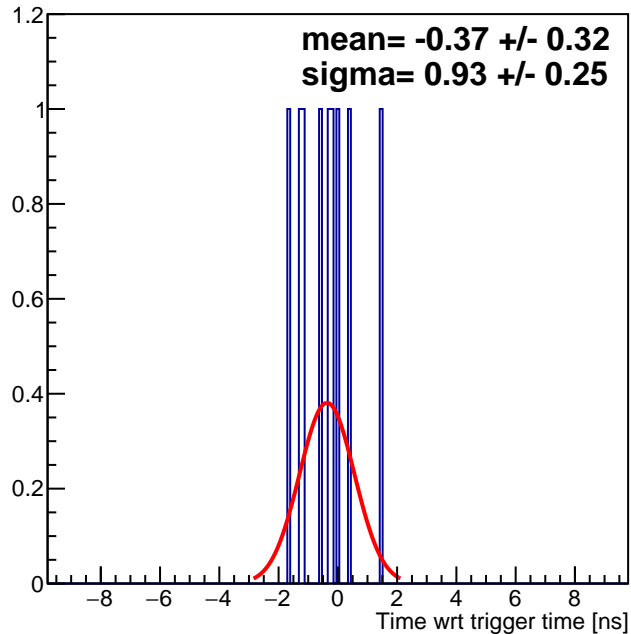
### Primitive time resolution 353



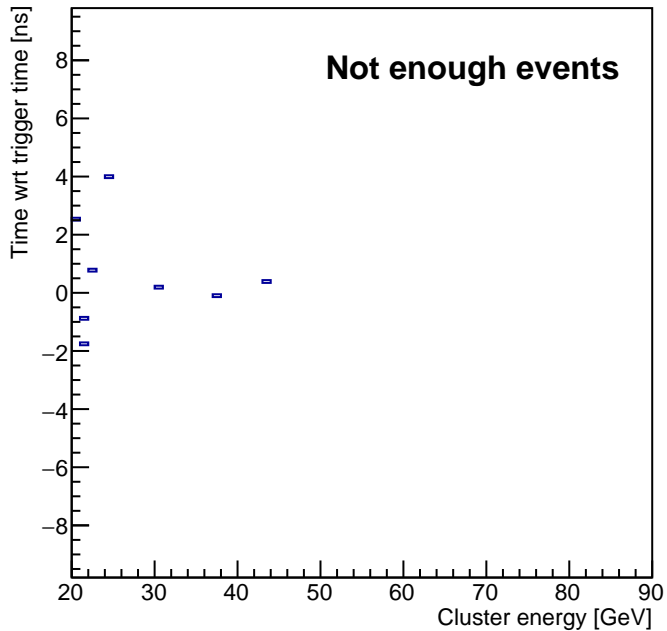
### Cluster time vs energy354



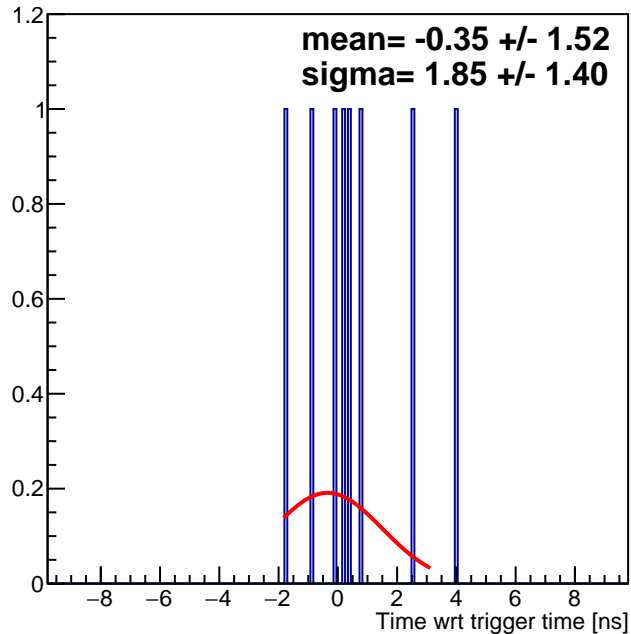
### Primitive time resolution 354



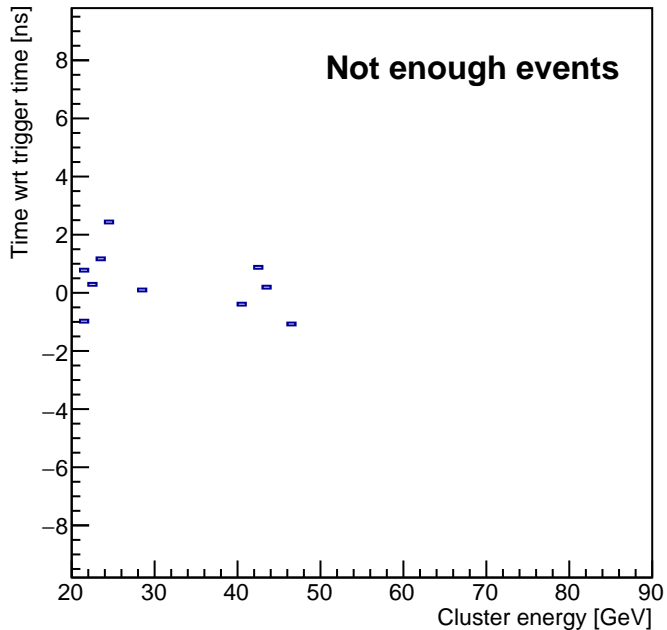
### Cluster time vs energy355



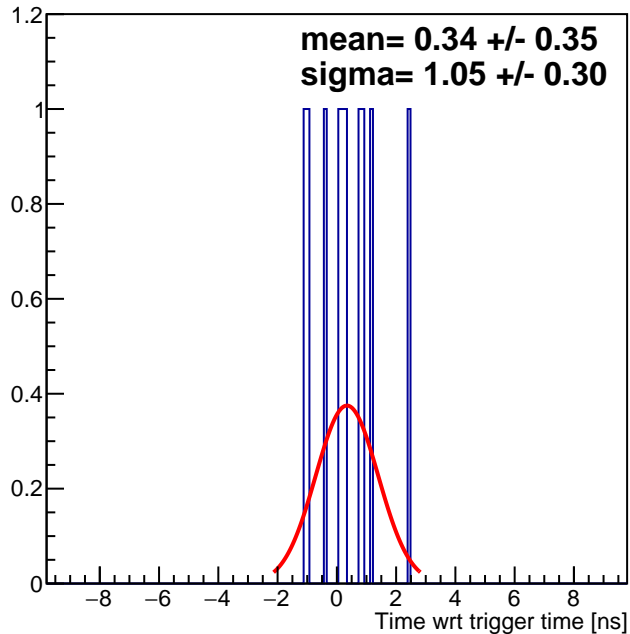
### Primitive time resolution 355



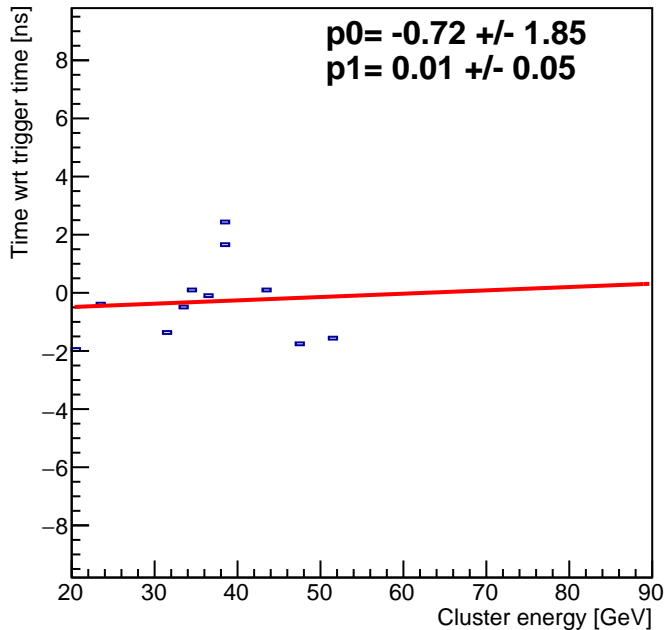
### Cluster time vs energy356



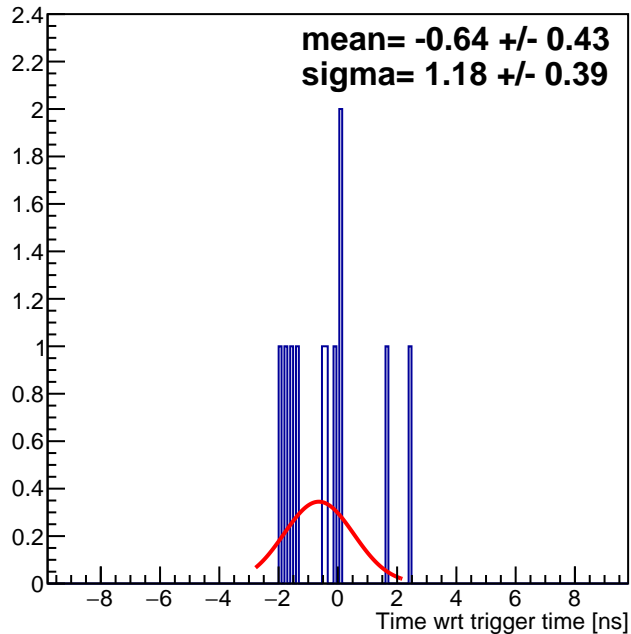
### Primitive time resolution 356



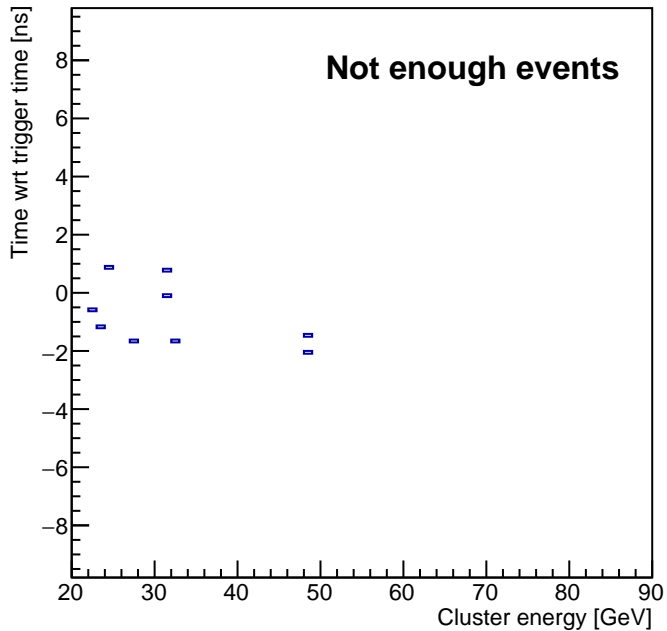
### Cluster time vs energy357



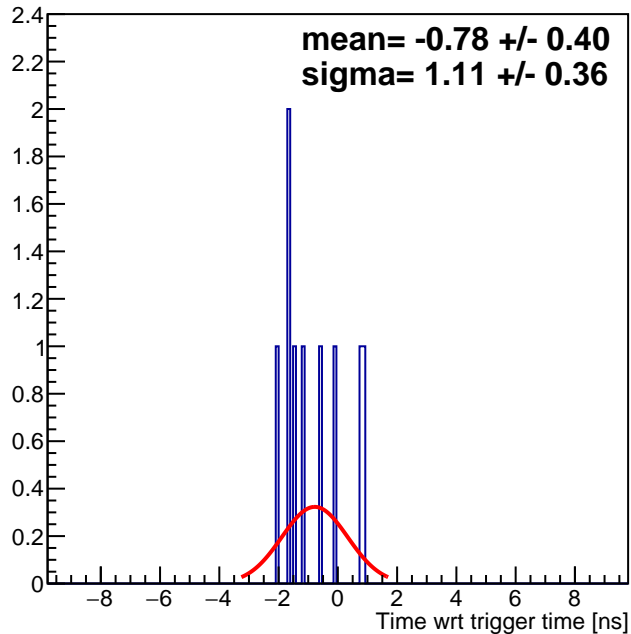
### Primitive time resolution 357



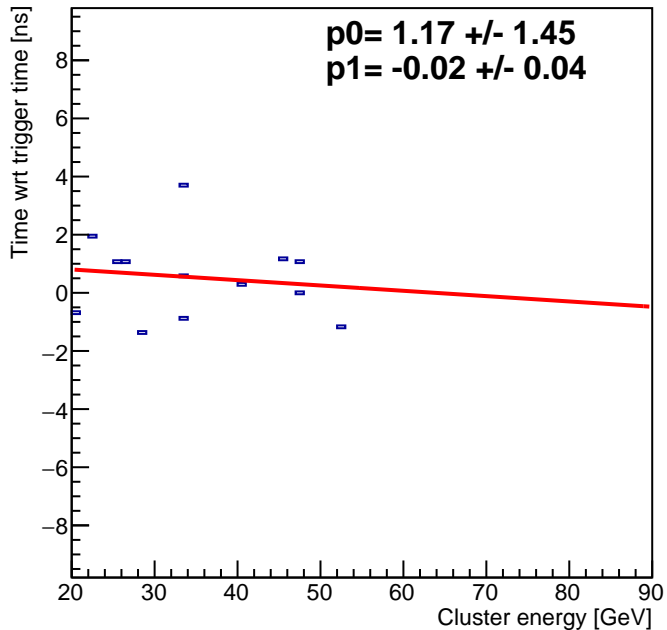
### Cluster time vs energy358



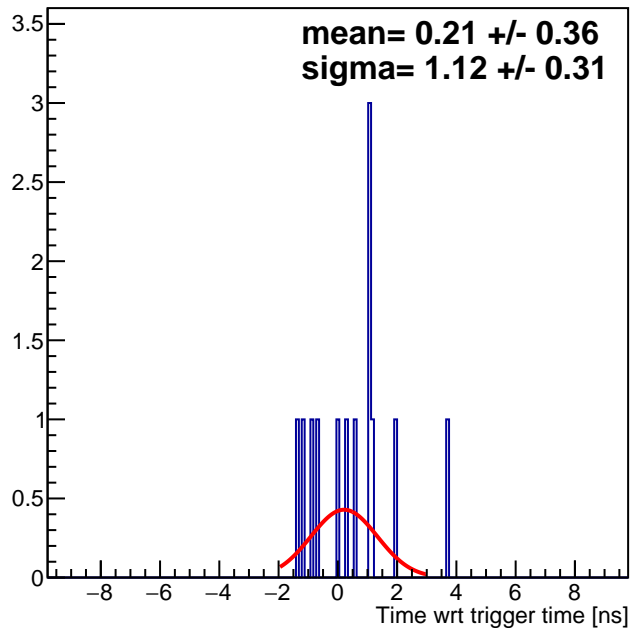
### Primitive time resolution 358



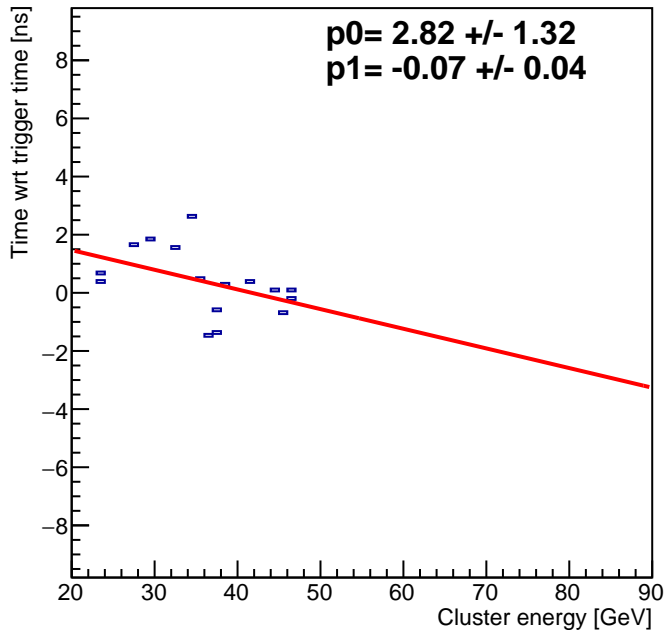
### Cluster time vs energy359



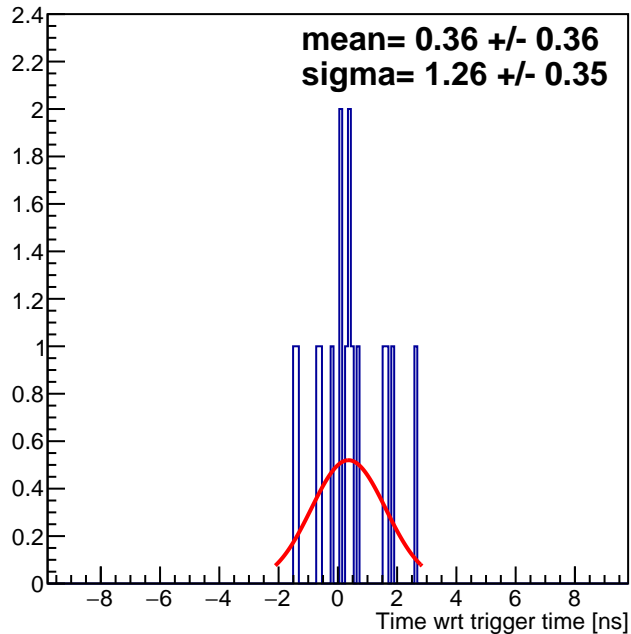
### Primitive time resolution 359



### Cluster time vs energy360

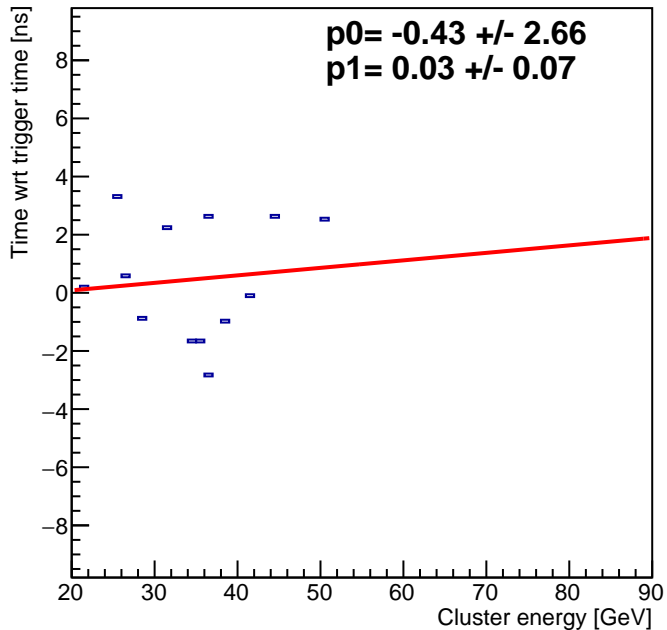


### Primitive time resolution 360

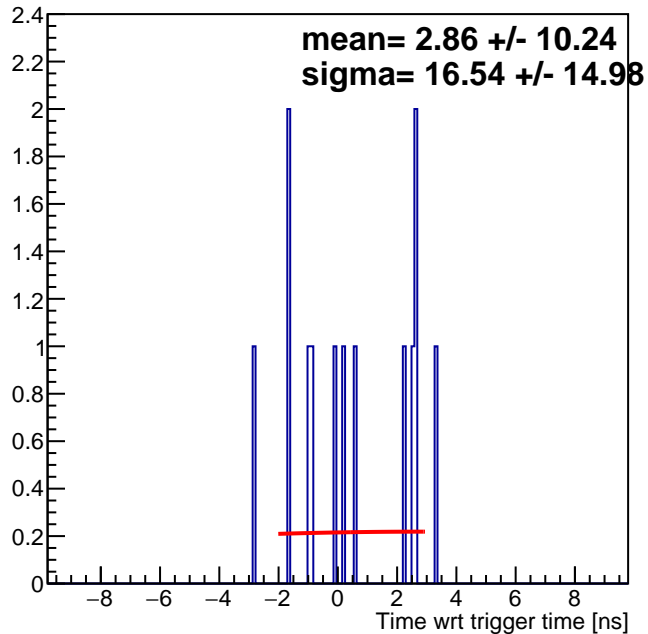




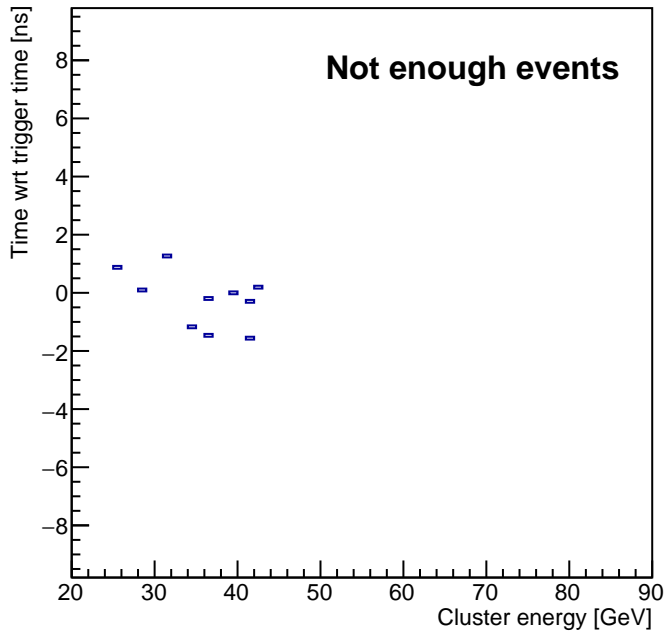
Cluster time vs energy361



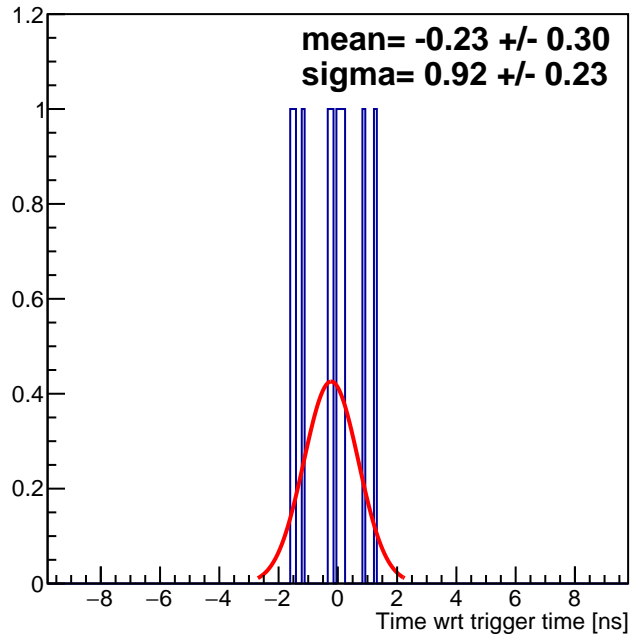
Primitive time resolution 361



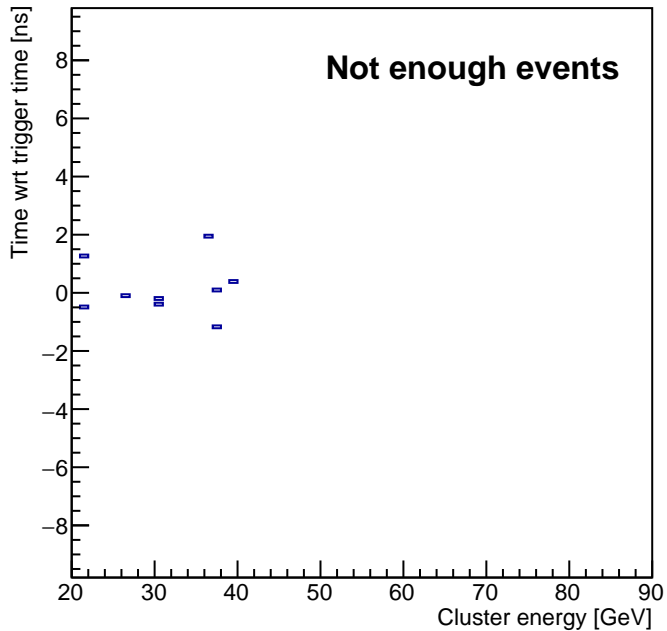
### Cluster time vs energy362



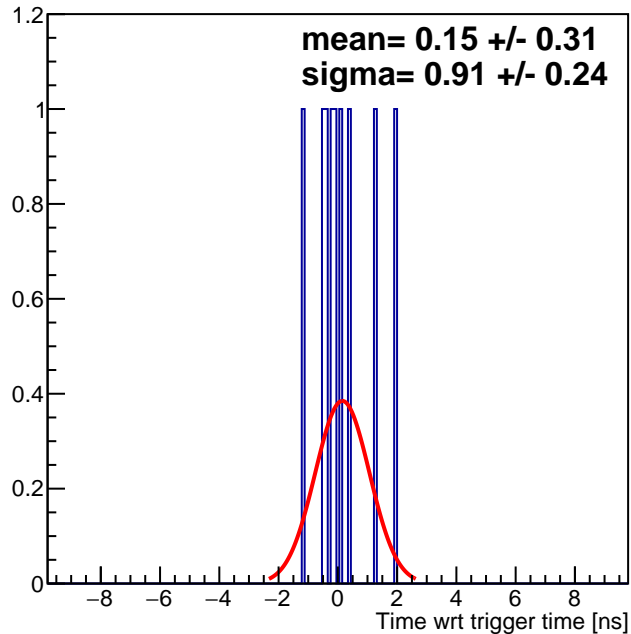
### Primitive time resolution 362



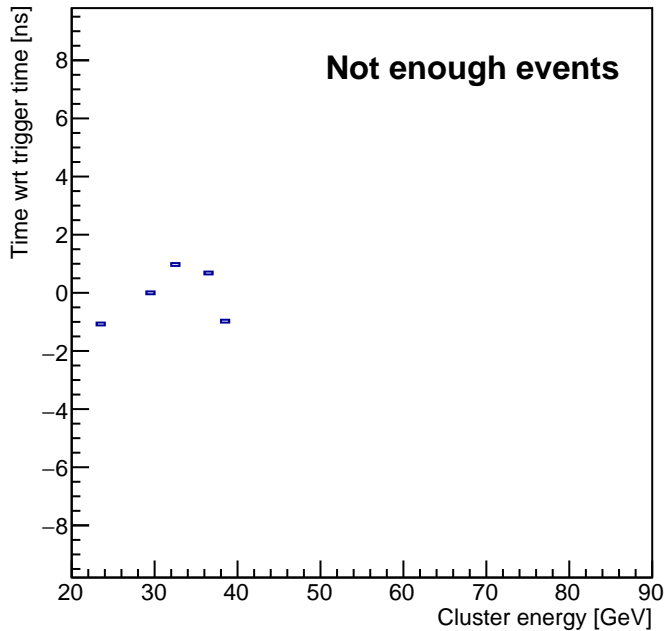
### Cluster time vs energy363



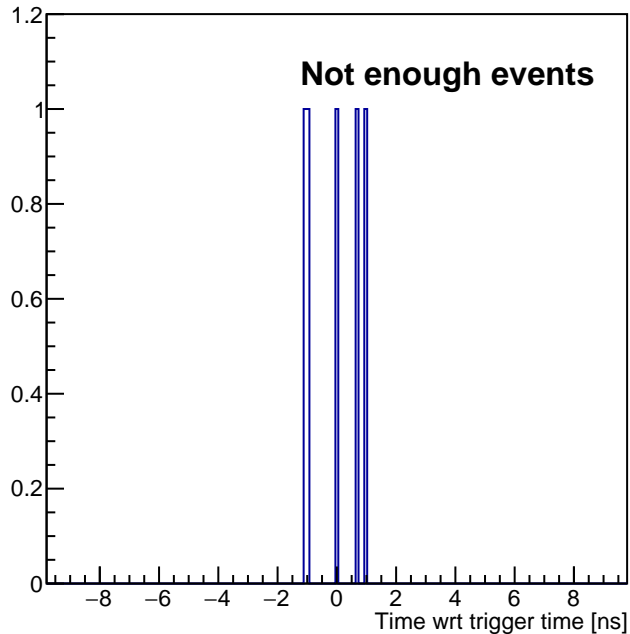
### Primitive time resolution 363



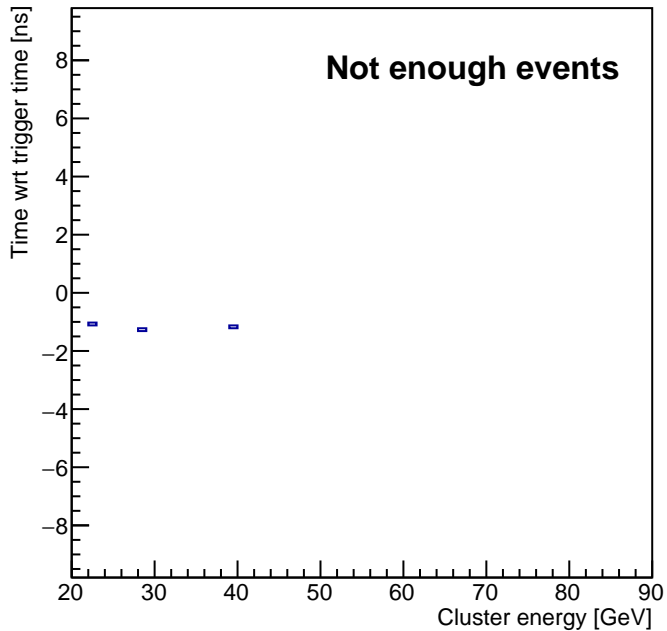
### Cluster time vs energy364



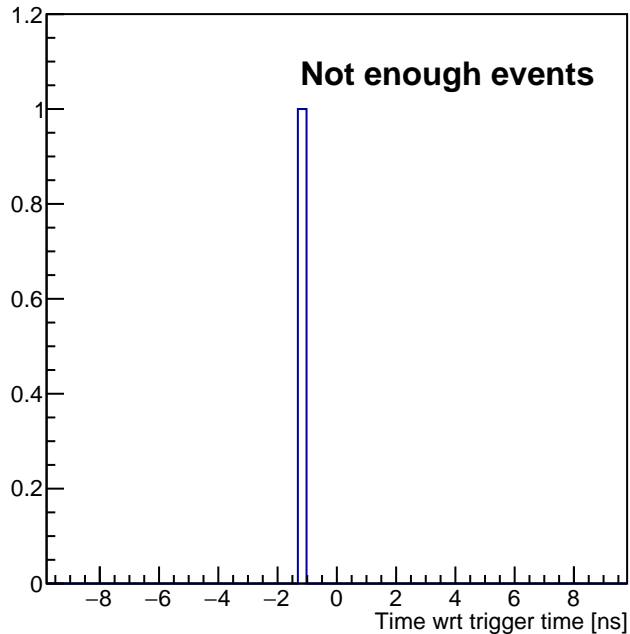
### Primitive time resolution 364



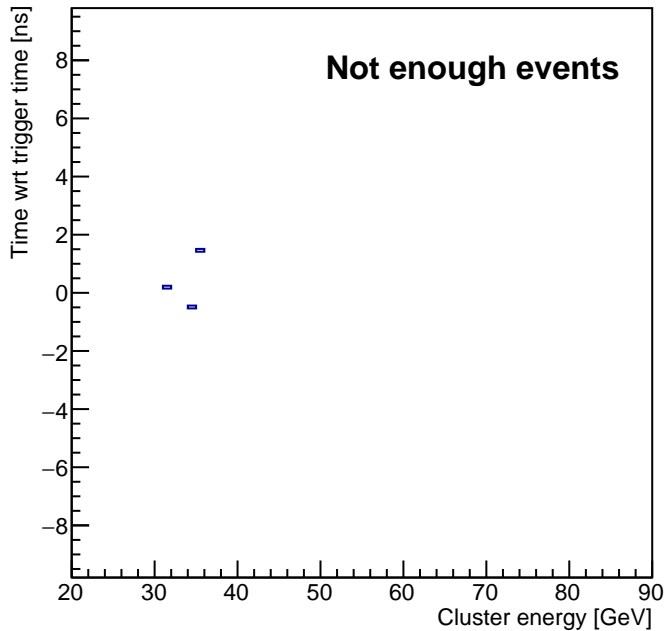
### Cluster time vs energy365



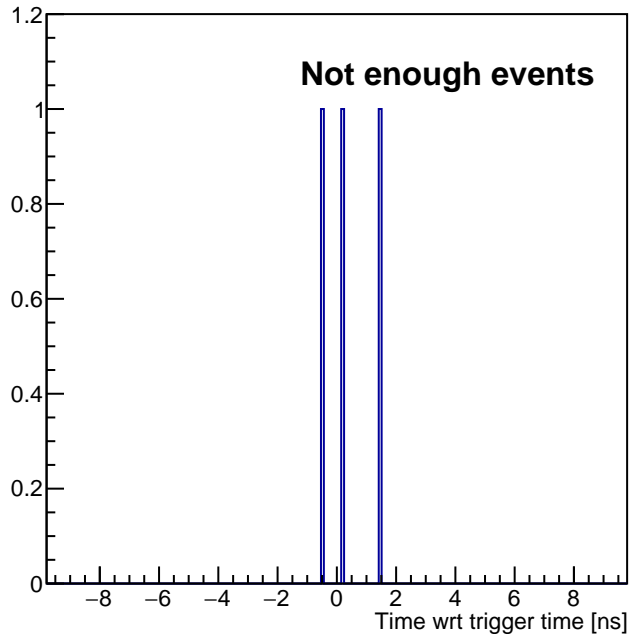
### Primitive time resolution 365



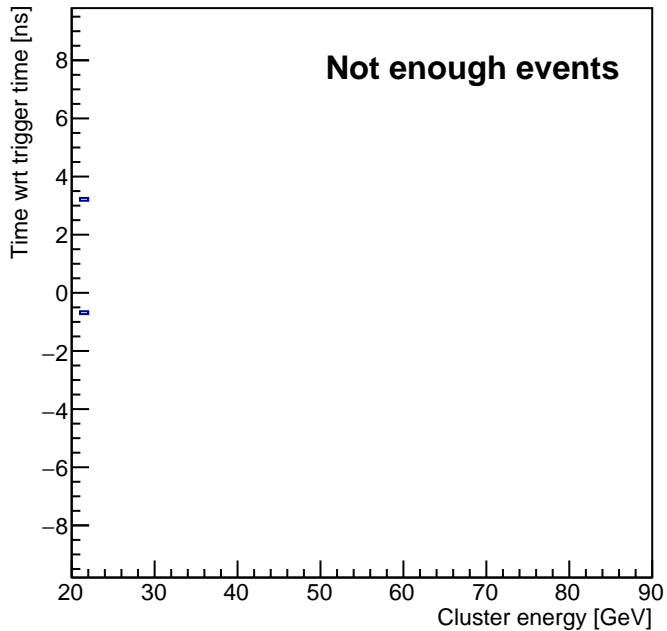
### Cluster time vs energy366



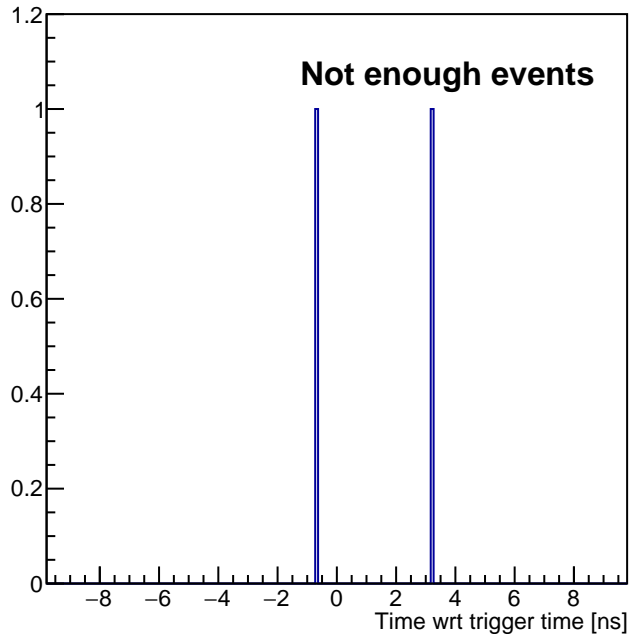
### Primitive time resolution 366



### Cluster time vs energy367



### Primitive time resolution 367



### Cluster time vs energy368



### Primitive time resolution 368





Cluster time vs energy369



Primitive time resolution 369



### Cluster time vs energy370



### Primitive time resolution 370



Cluster time vs energy371



Primitive time resolution 371



### Cluster time vs energy372



### Primitive time resolution 372



### Cluster time vs energy375



### Primitive time resolution 375



### Cluster time vs energy376



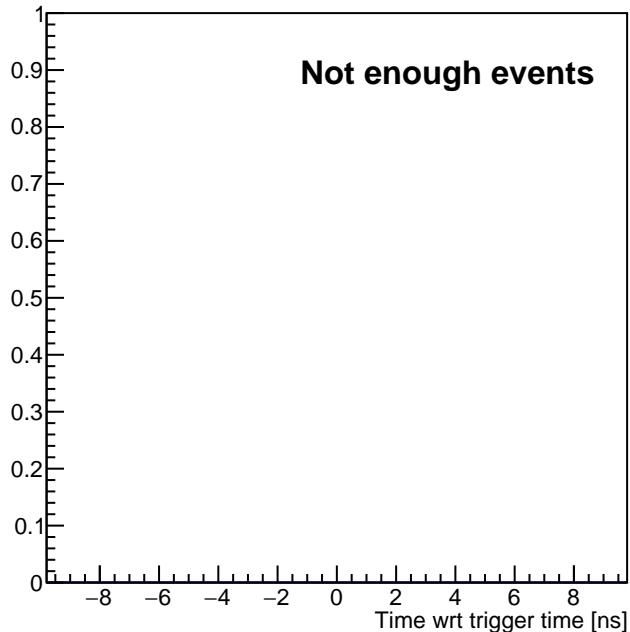
### Primitive time resolution 376



### Cluster time vs energy377



### Primitive time resolution 377



### Cluster time vs energy378



### Primitive time resolution 378





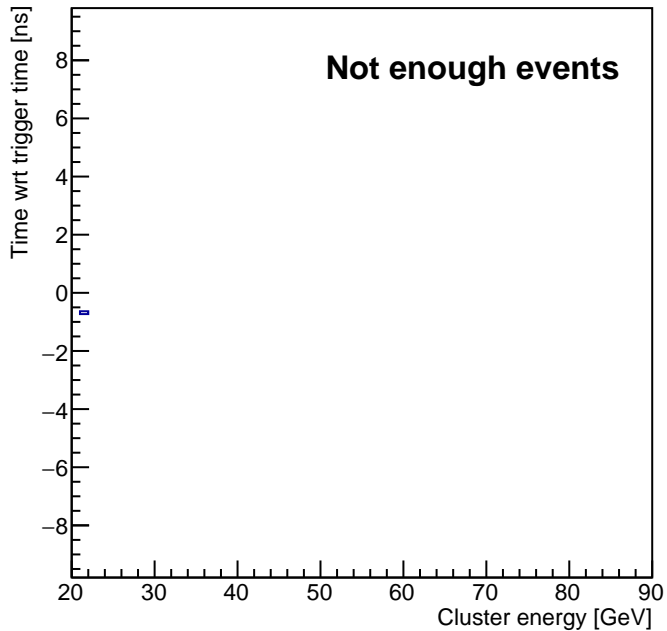
### Cluster time vs energy379



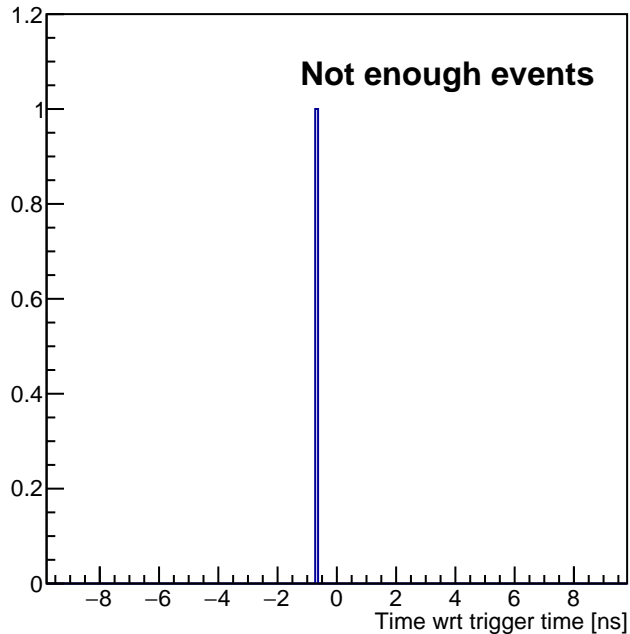
### Primitive time resolution 379



### Cluster time vs energy380



### Primitive time resolution 380



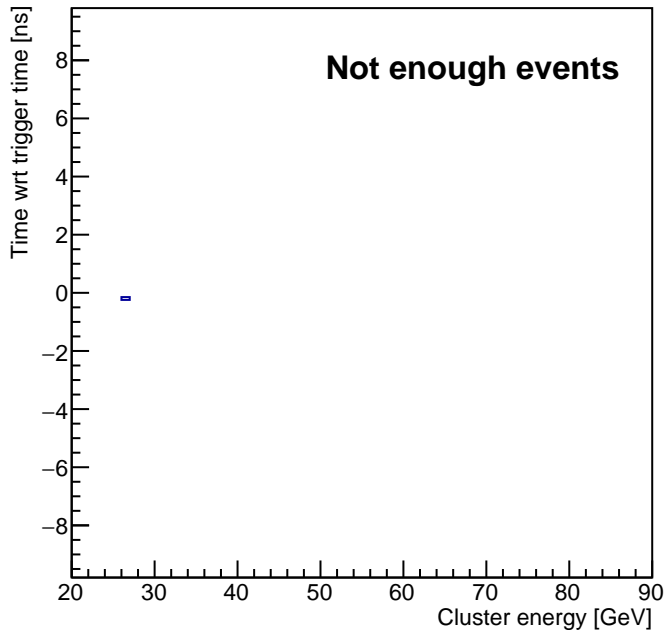
### Cluster time vs energy381



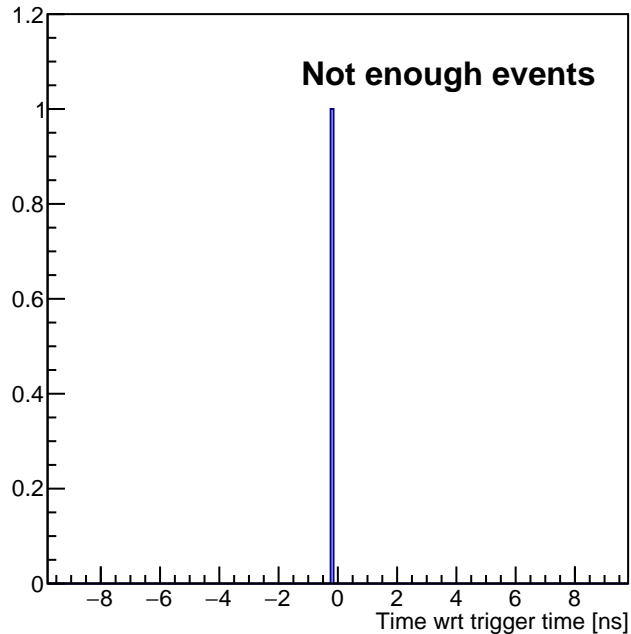
### Primitive time resolution 381



### Cluster time vs energy382



### Primitive time resolution 382



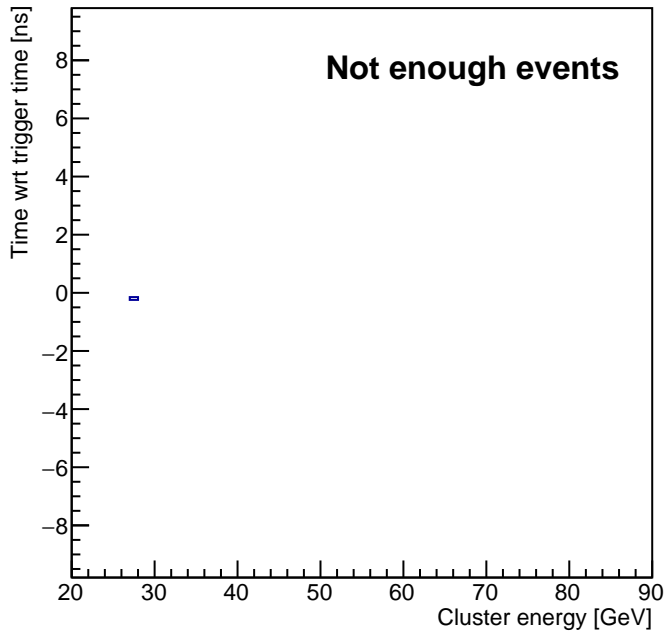
### Cluster time vs energy383



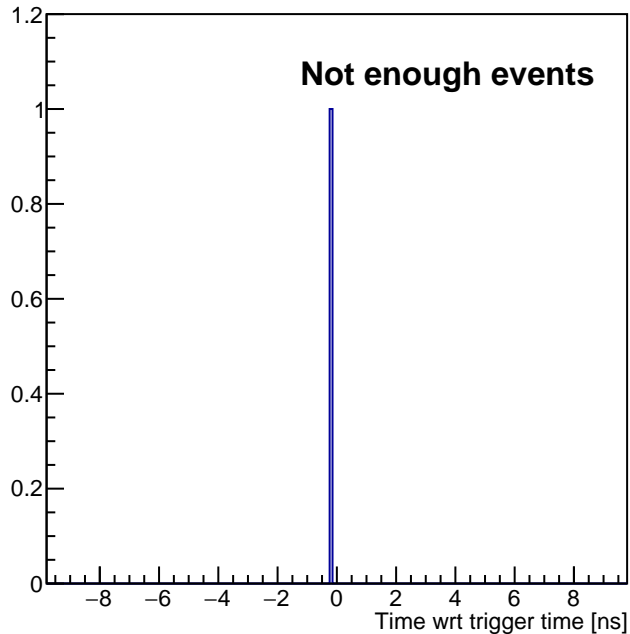
### Primitive time resolution 383



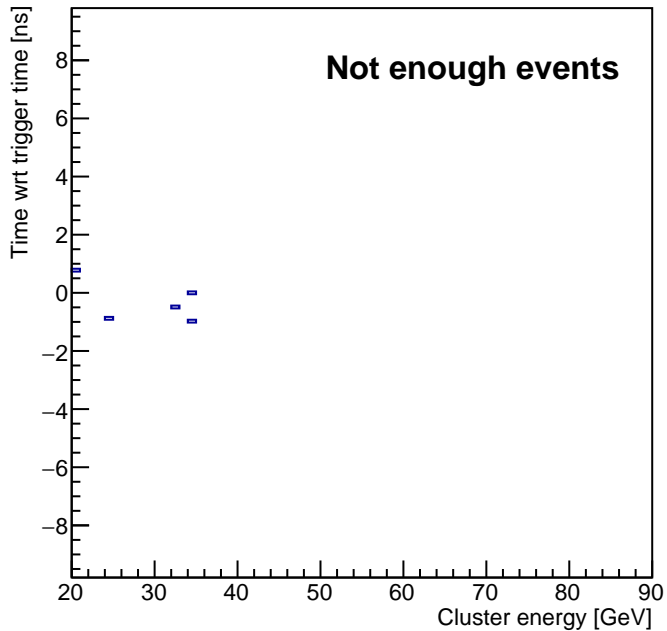
### Cluster time vs energy384



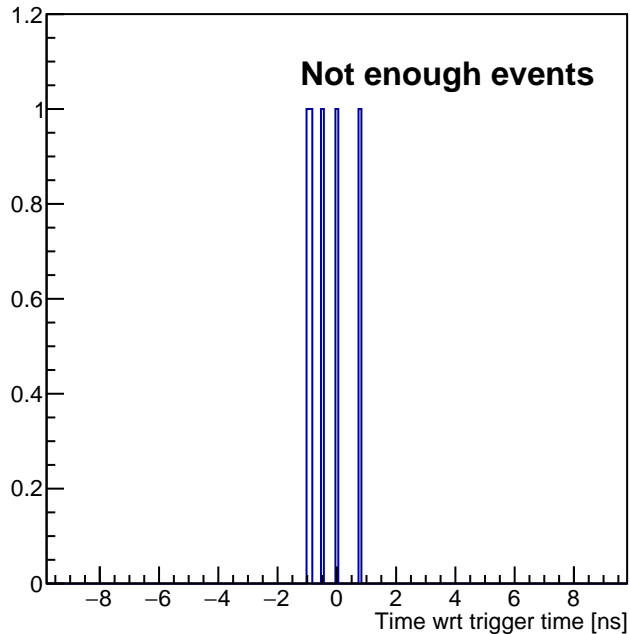
### Primitive time resolution 384



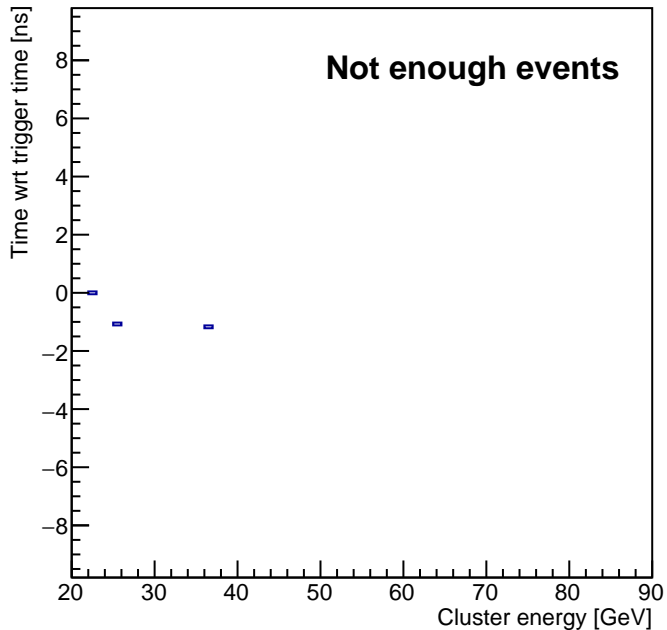
### Cluster time vs energy385



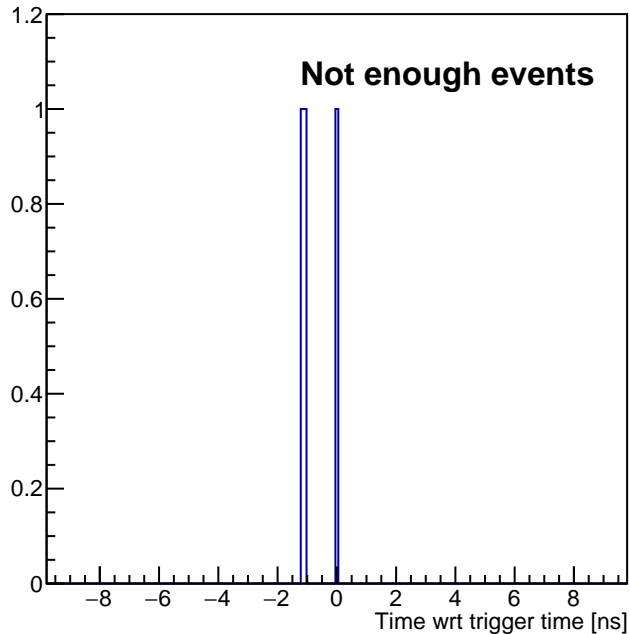
### Primitive time resolution 385



### Cluster time vs energy386

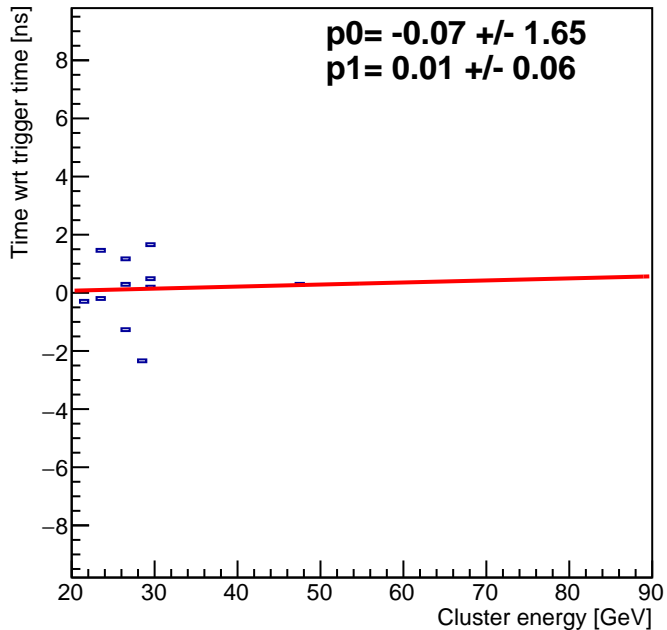


### Primitive time resolution 386

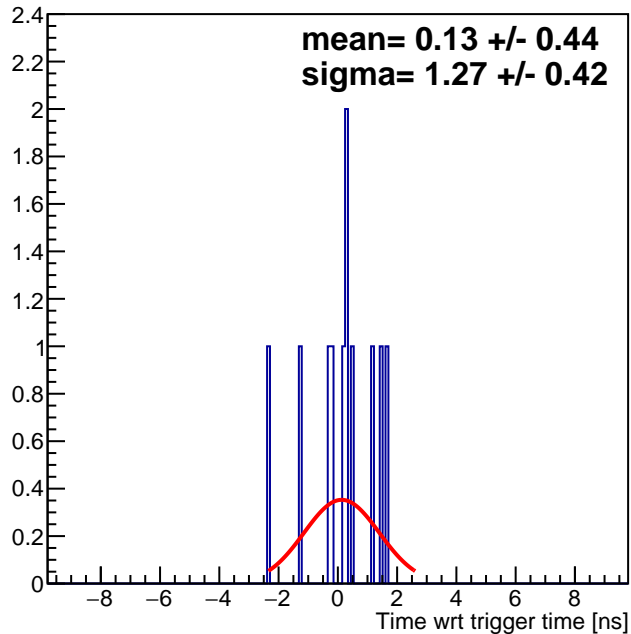




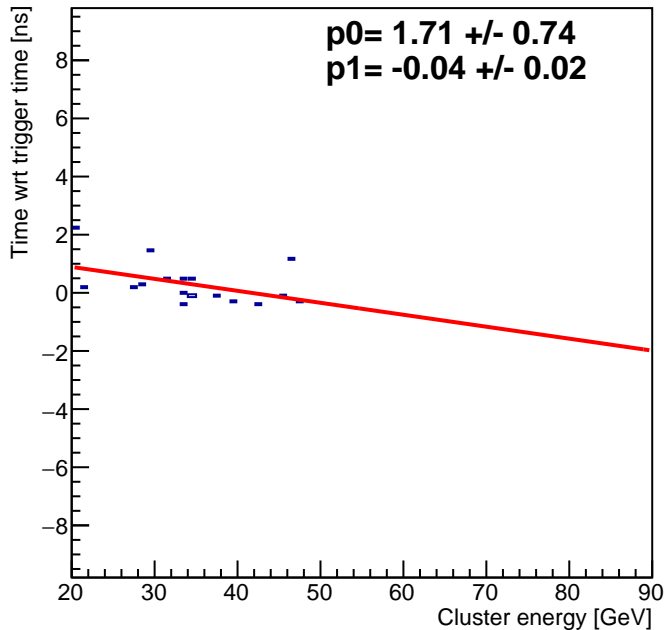
### Cluster time vs energy387



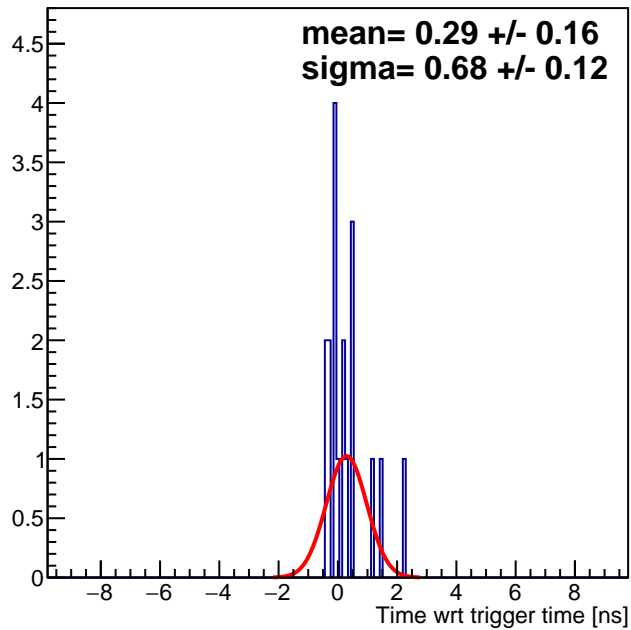
### Primitive time resolution 387



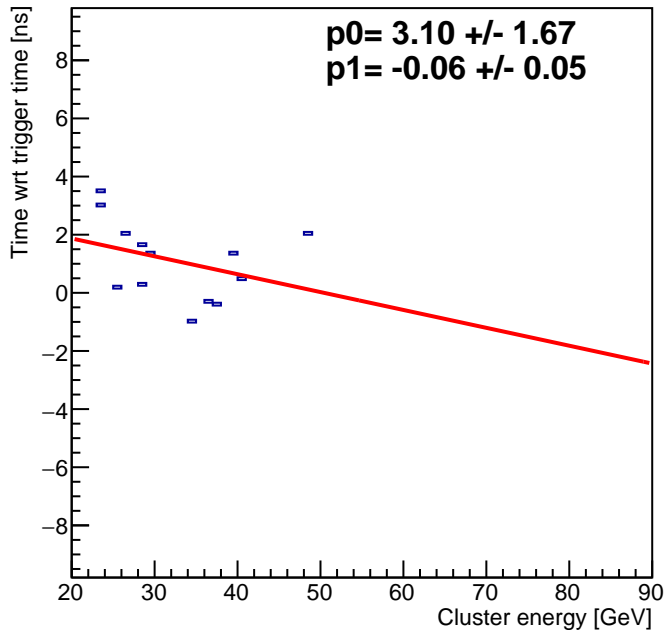
### Cluster time vs energy388



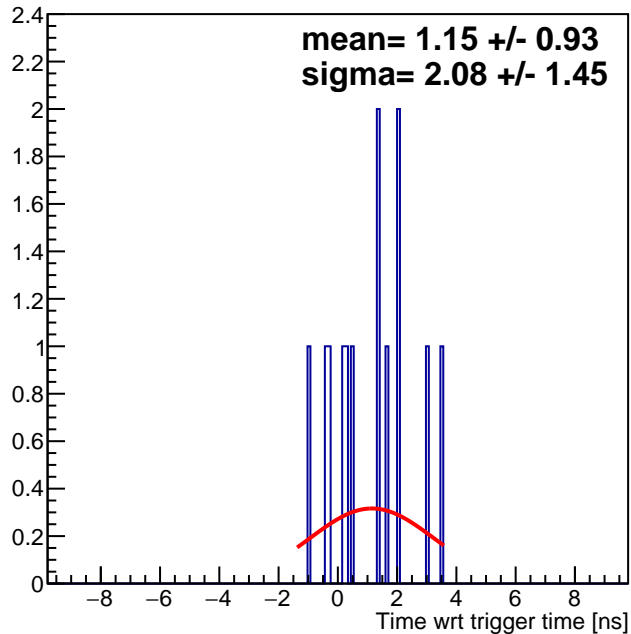
### Primitive time resolution 388



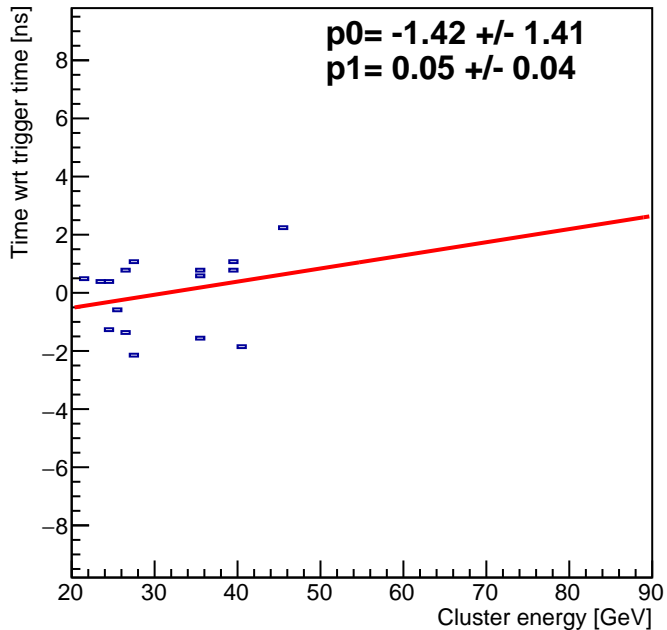
### Cluster time vs energy389



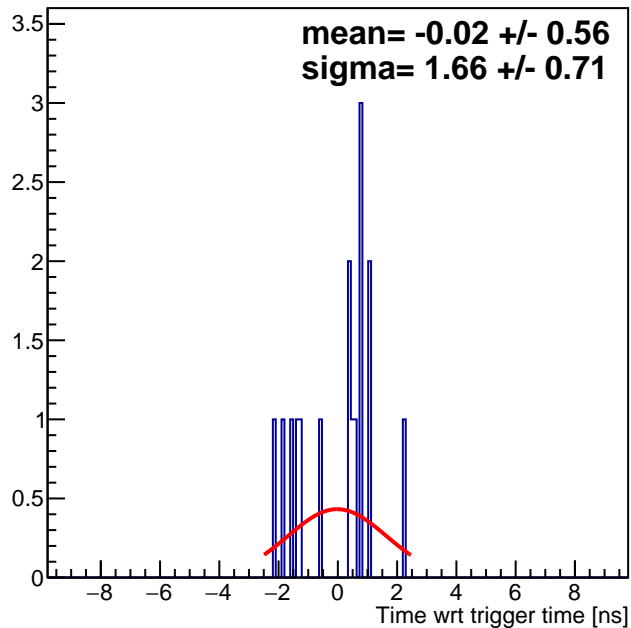
### Primitive time resolution 389



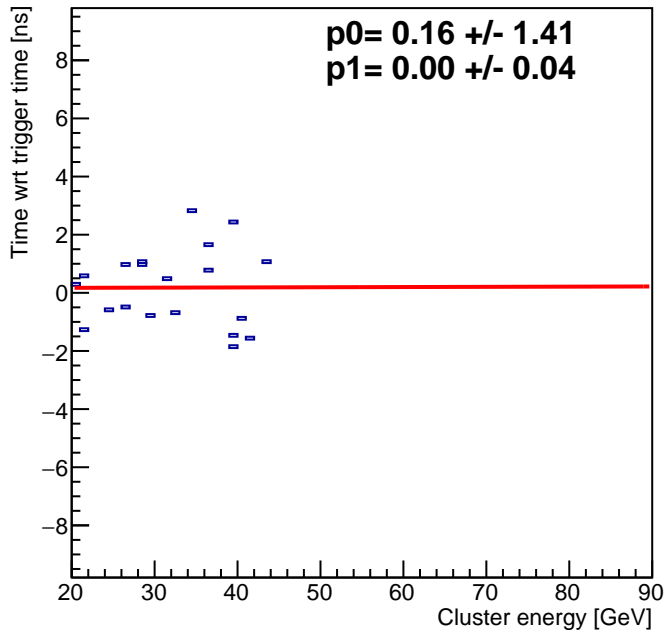
### Cluster time vs energy390



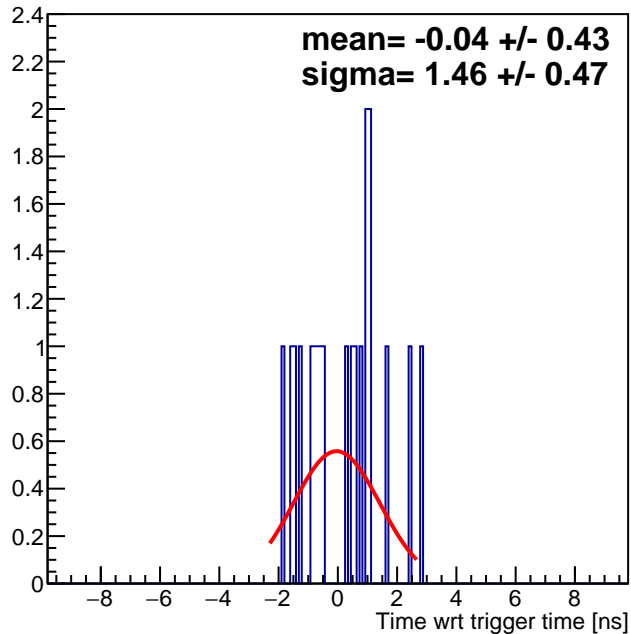
### Primitive time resolution 390



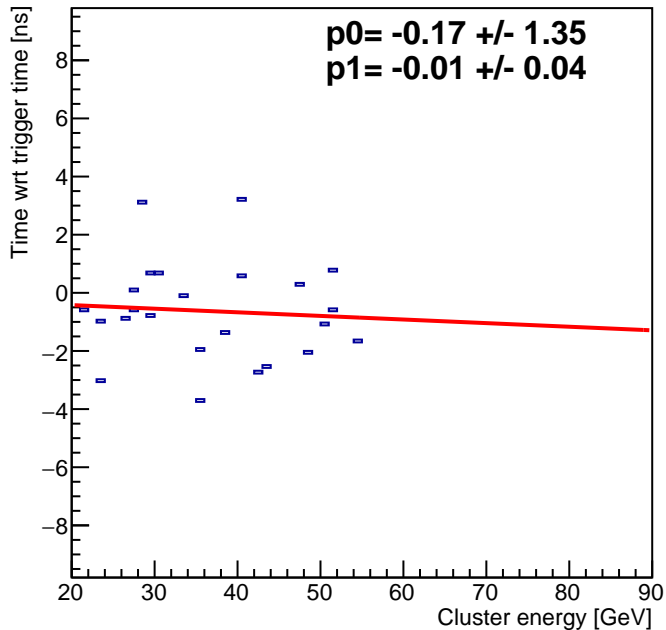
Cluster time vs energy391



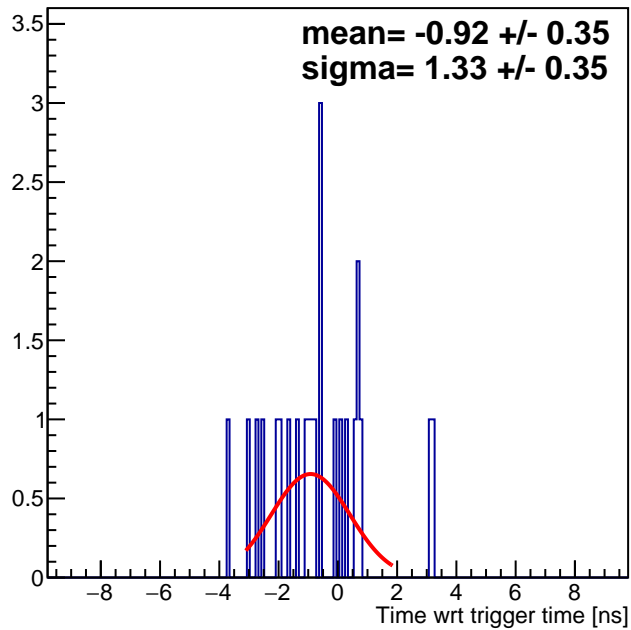
Primitive time resolution 391



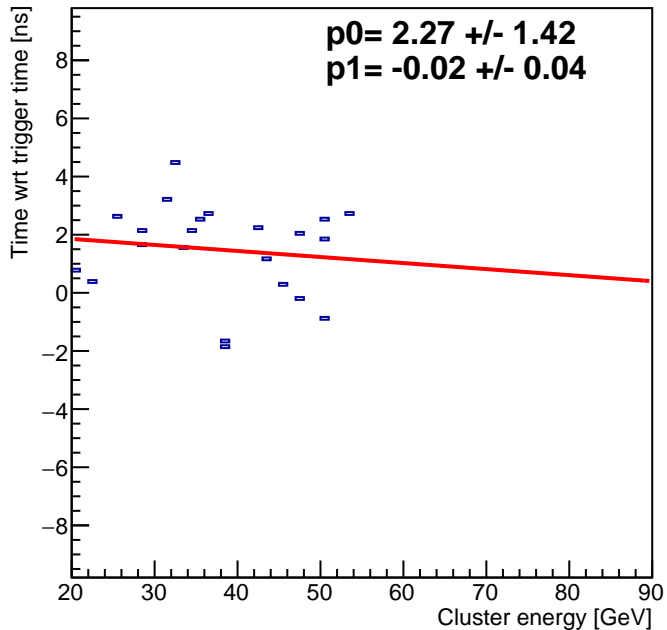
### Cluster time vs energy392



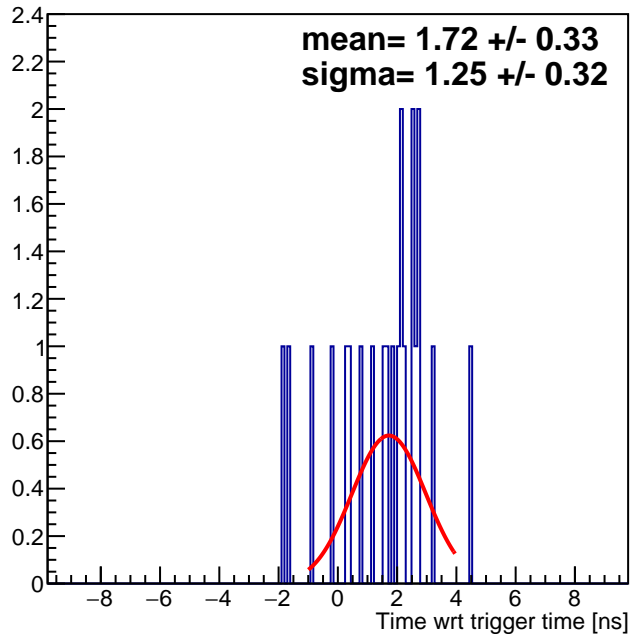
### Primitive time resolution 392



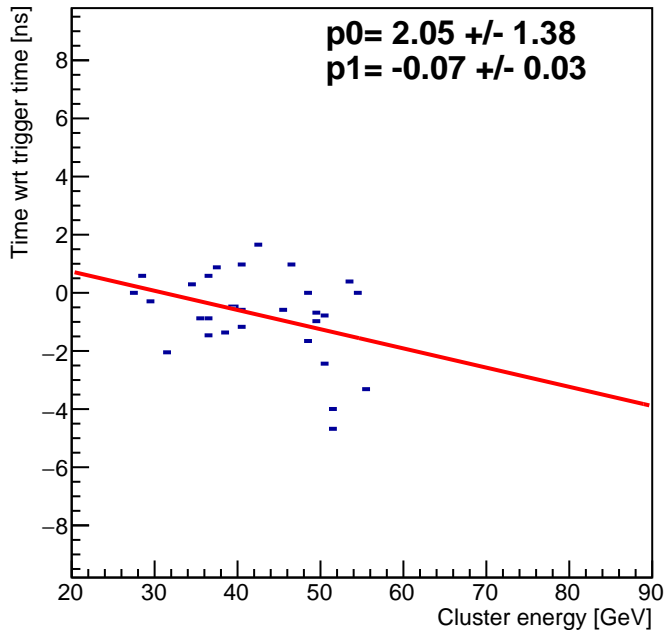
### Cluster time vs energy393



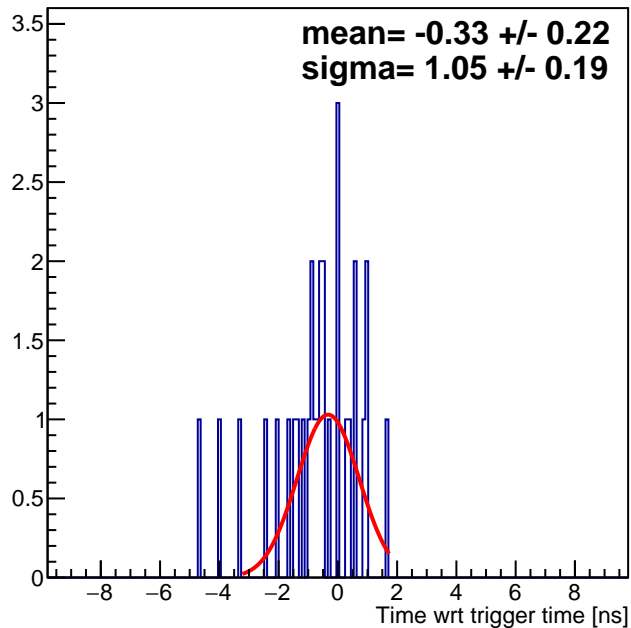
### Primitive time resolution 393



### Cluster time vs energy394

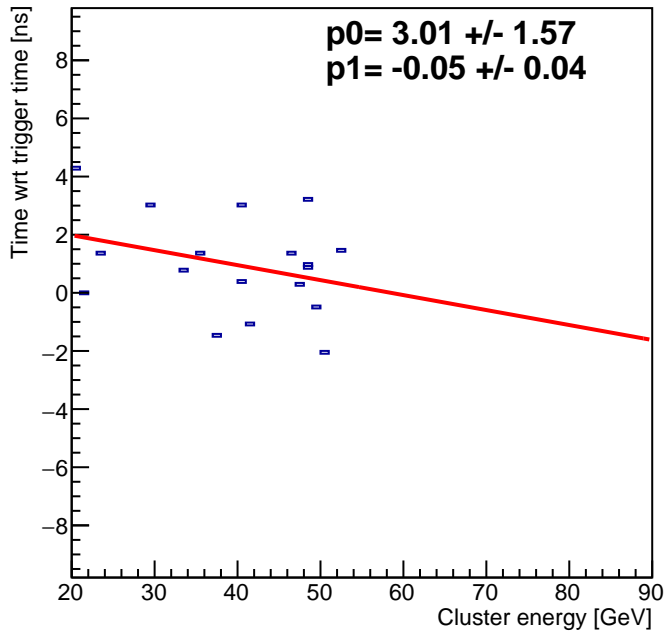


### Primitive time resolution 394

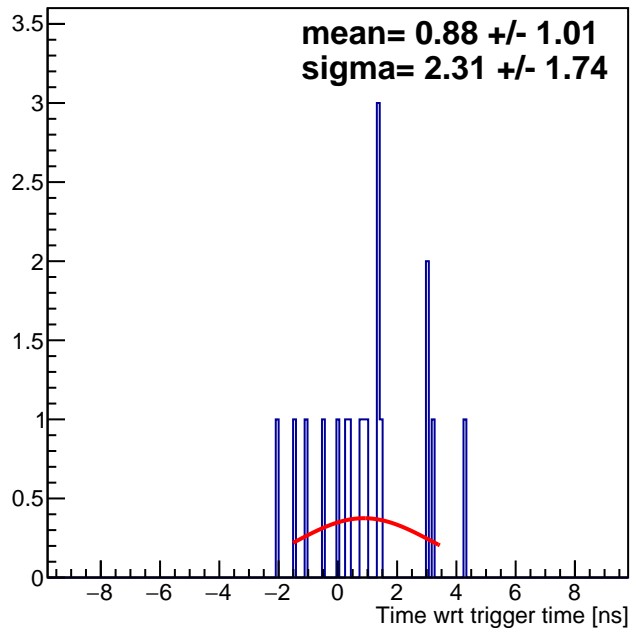




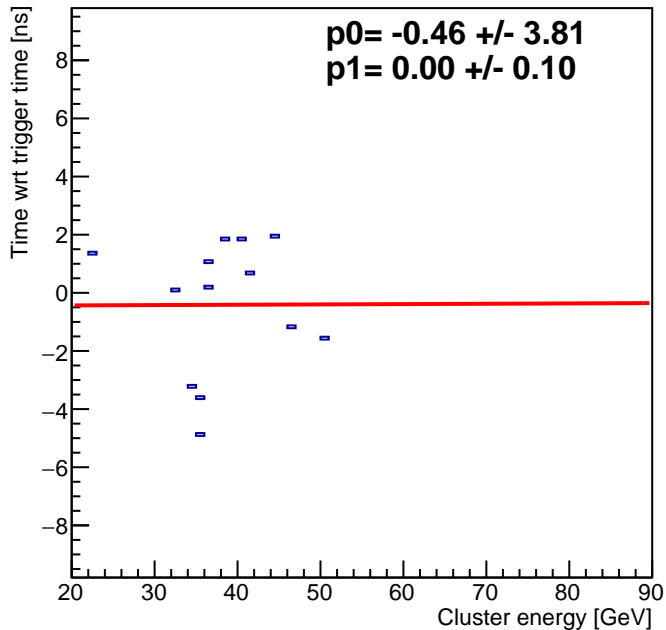
### Cluster time vs energy395



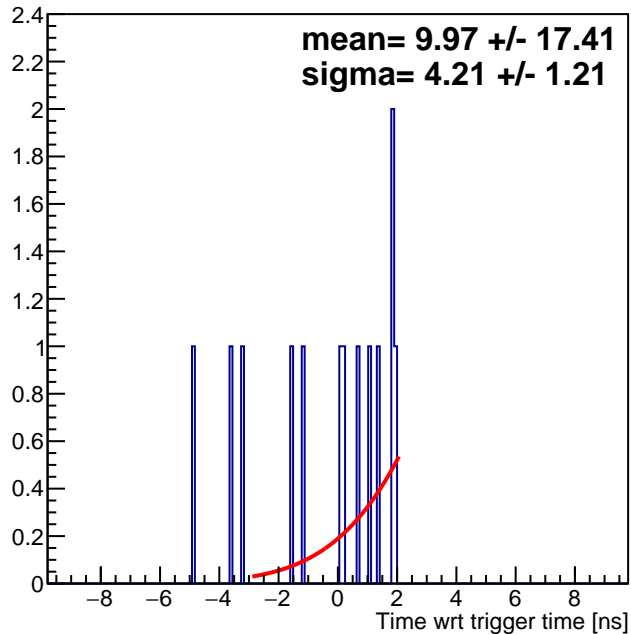
### Primitive time resolution 395



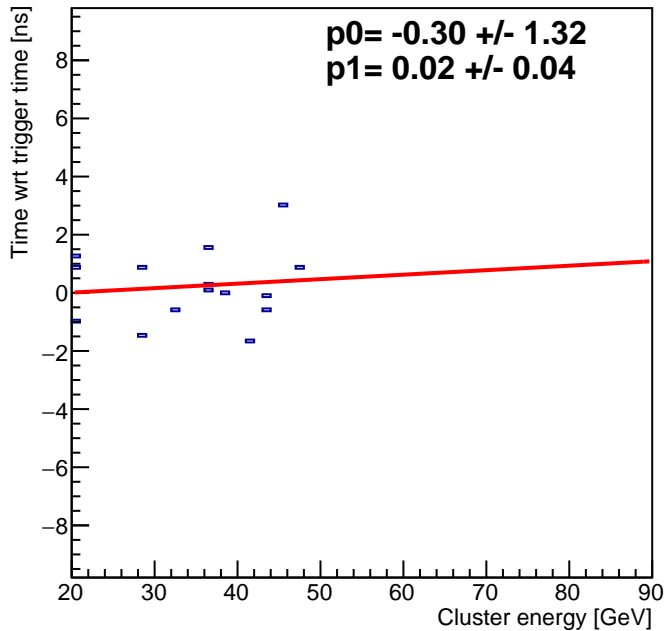
### Cluster time vs energy396



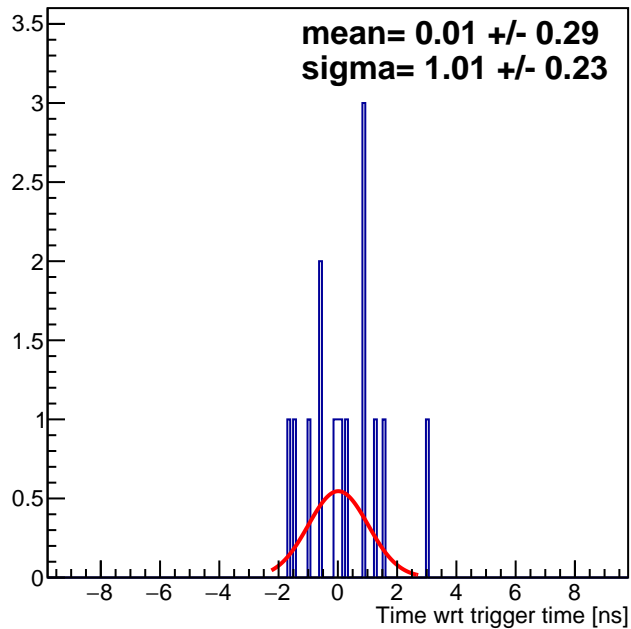
### Primitive time resolution 396



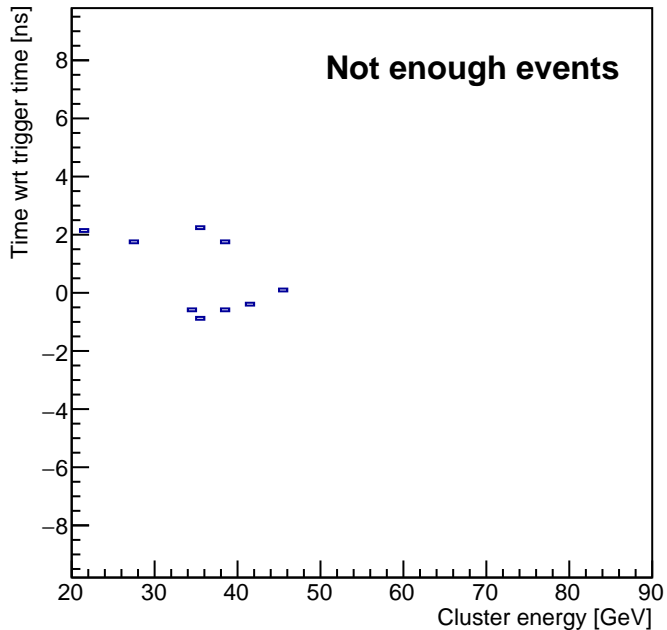
### Cluster time vs energy397



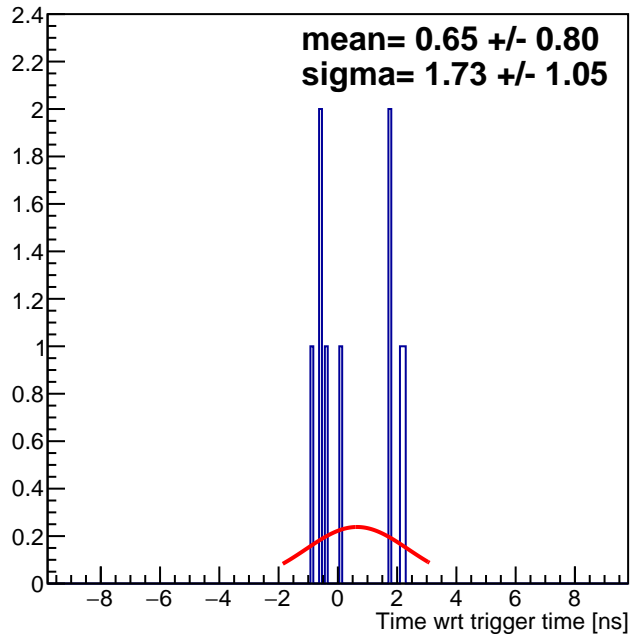
### Primitive time resolution 397



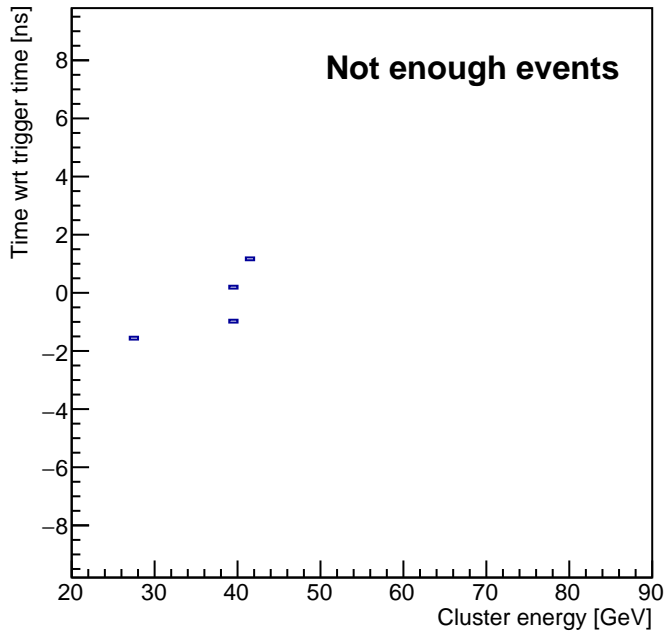
### Cluster time vs energy398



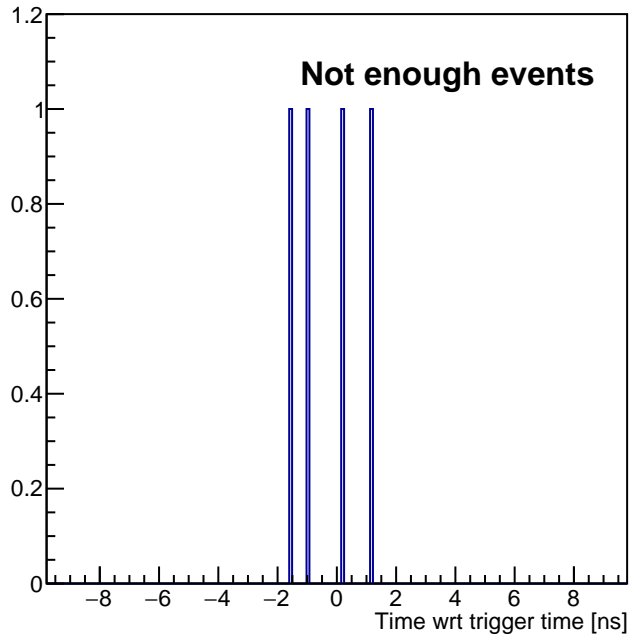
### Primitive time resolution 398



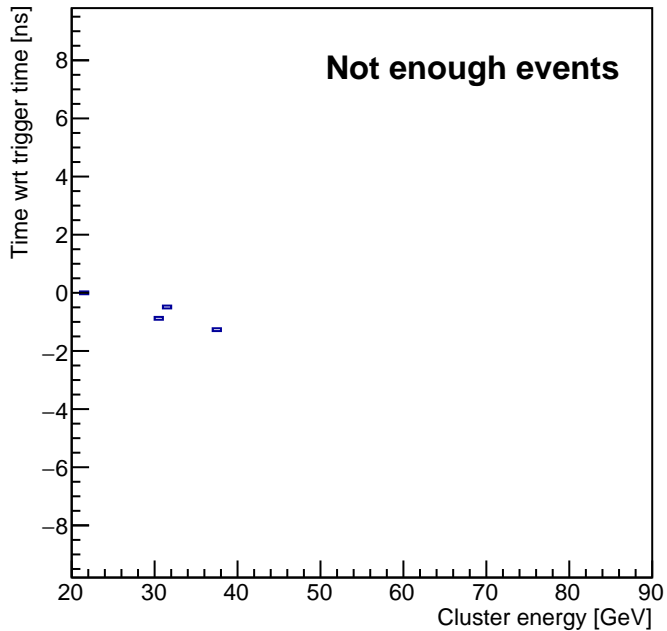
### Cluster time vs energy399



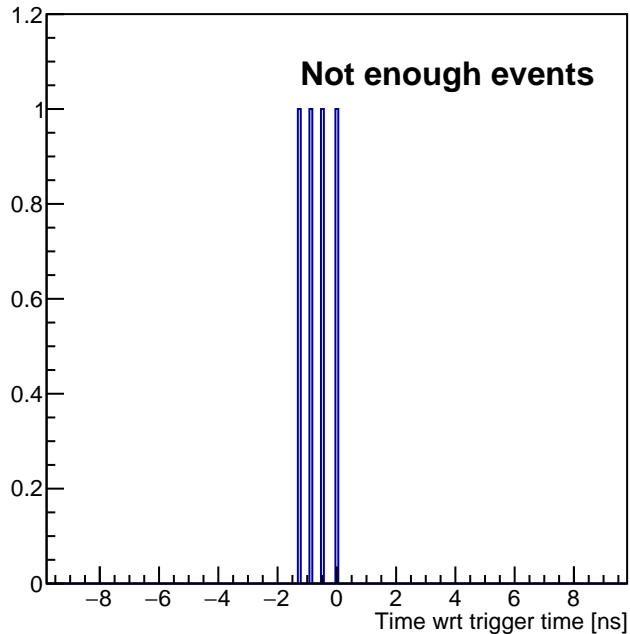
### Primitive time resolution 399



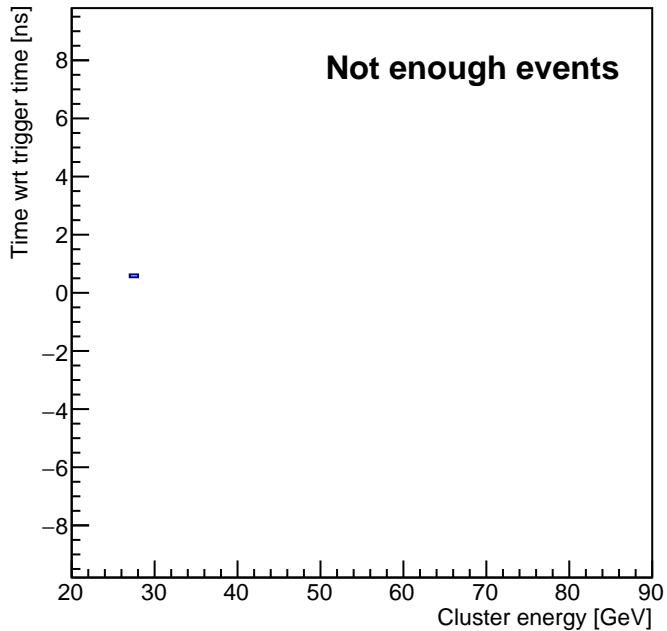
### Cluster time vs energy400



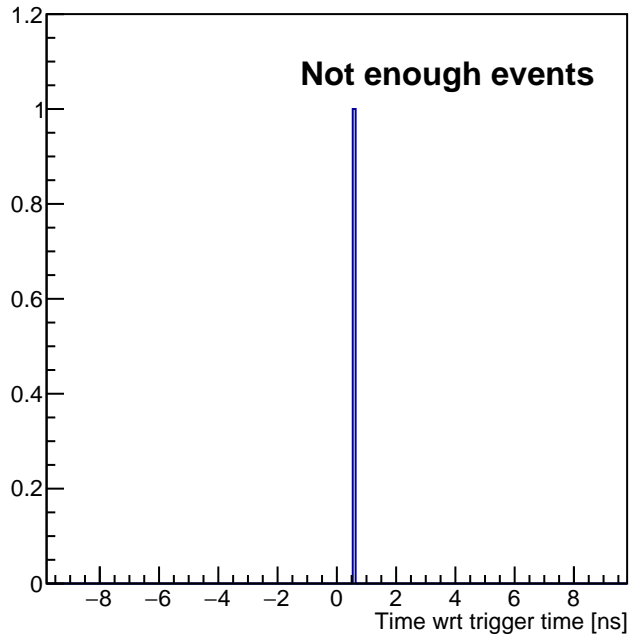
### Primitive time resolution 400



### Cluster time vs energy401



### Primitive time resolution 401



Cluster time vs energy402



Primitive time resolution 402





### Cluster time vs energy403



### Primitive time resolution 403



### Cluster time vs energy404



### Primitive time resolution 404



### Cluster time vs energy405



### Primitive time resolution 405



### Cluster time vs energy406



### Primitive time resolution 406



### Cluster time vs energy409



### Primitive time resolution 409



### Cluster time vs energy410



### Primitive time resolution 410



### Cluster time vs energy411



### Primitive time resolution 411



### Cluster time vs energy412



### Primitive time resolution 412





### Cluster time vs energy413



### Primitive time resolution 413



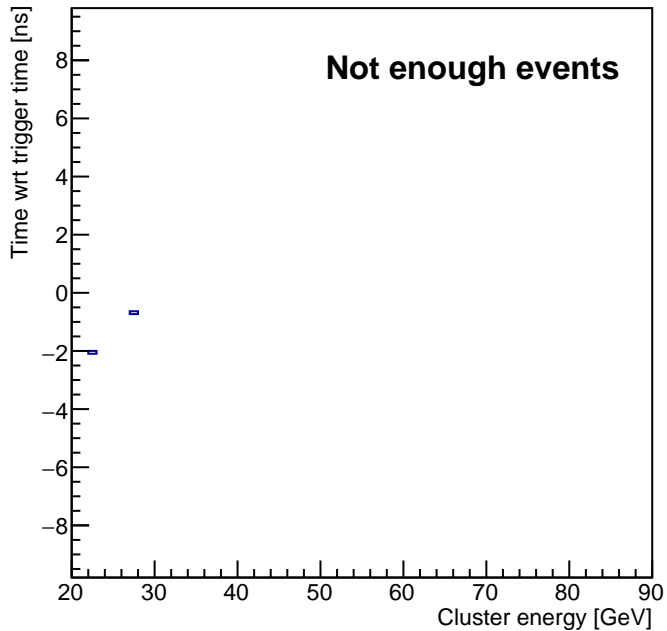
### Cluster time vs energy414



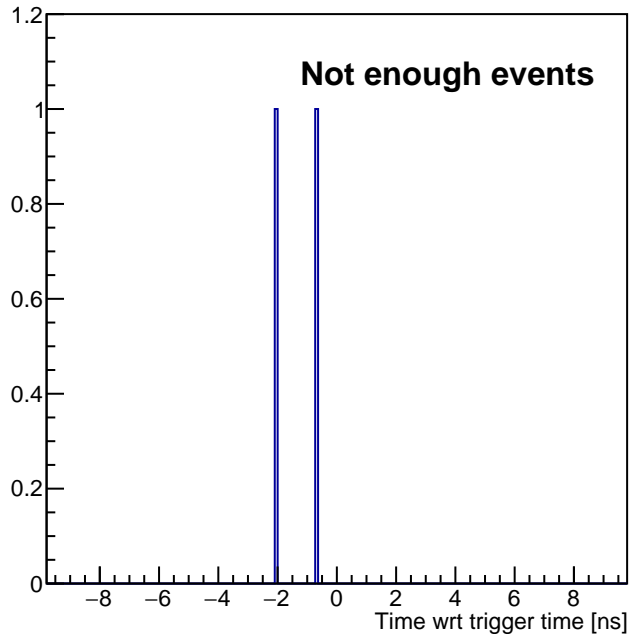
### Primitive time resolution 414



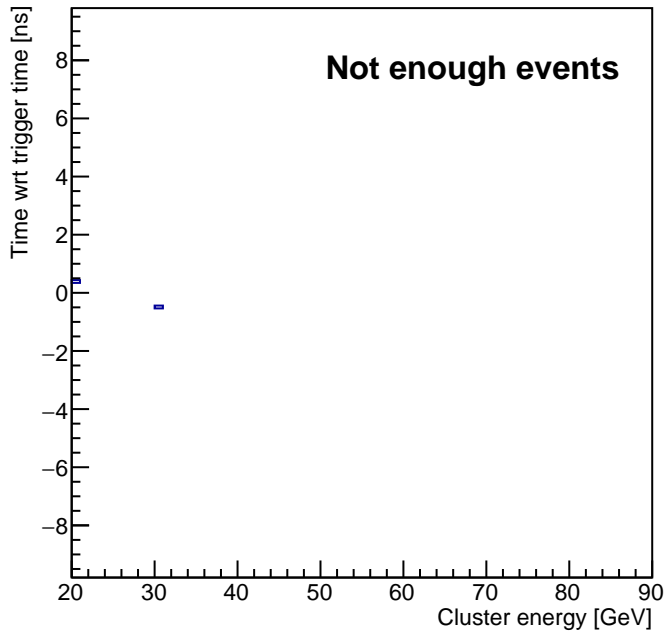
### Cluster time vs energy415



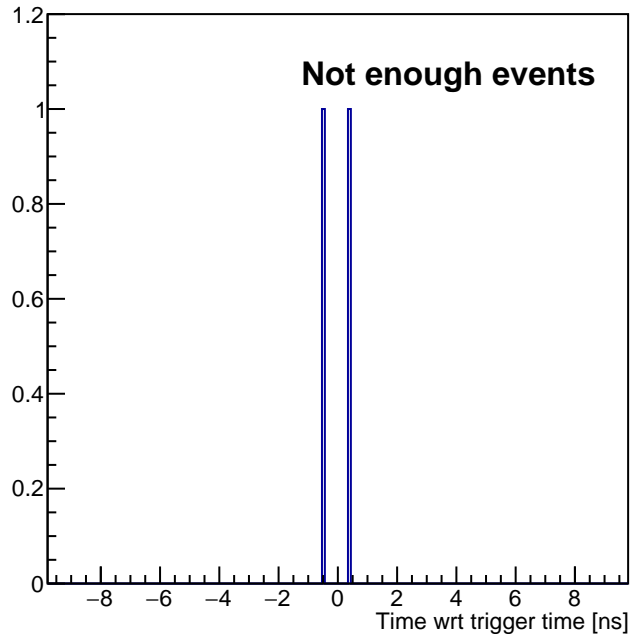
### Primitive time resolution 415



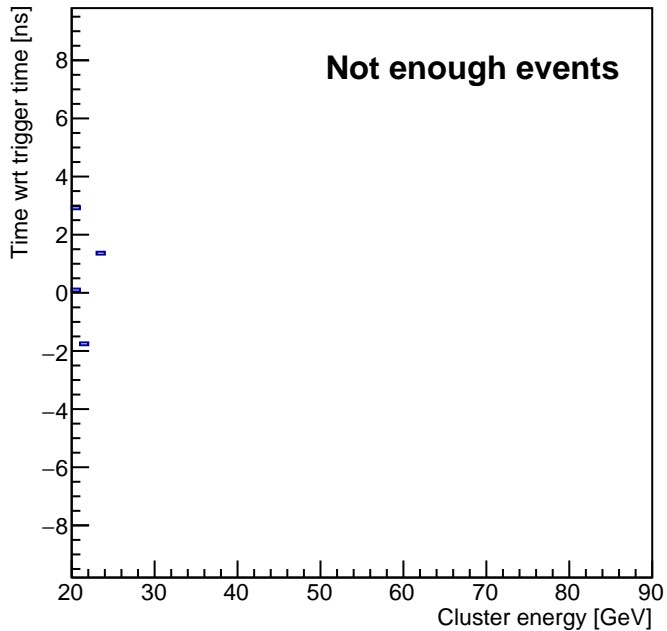
### Cluster time vs energy416



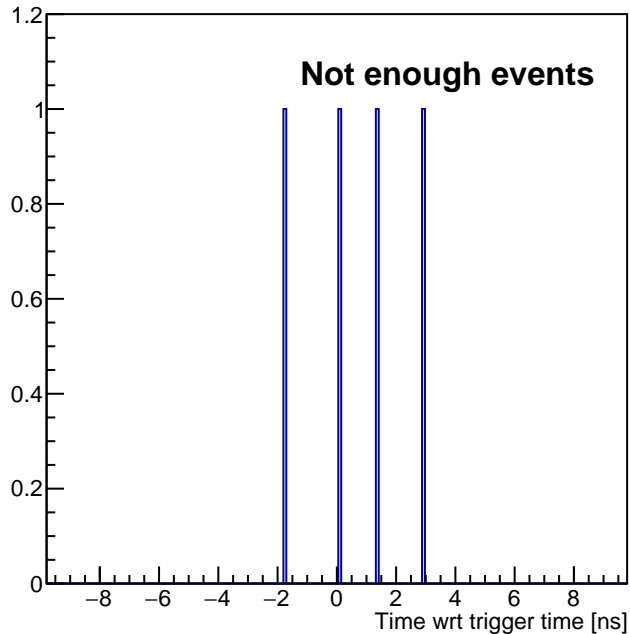
### Primitive time resolution 416



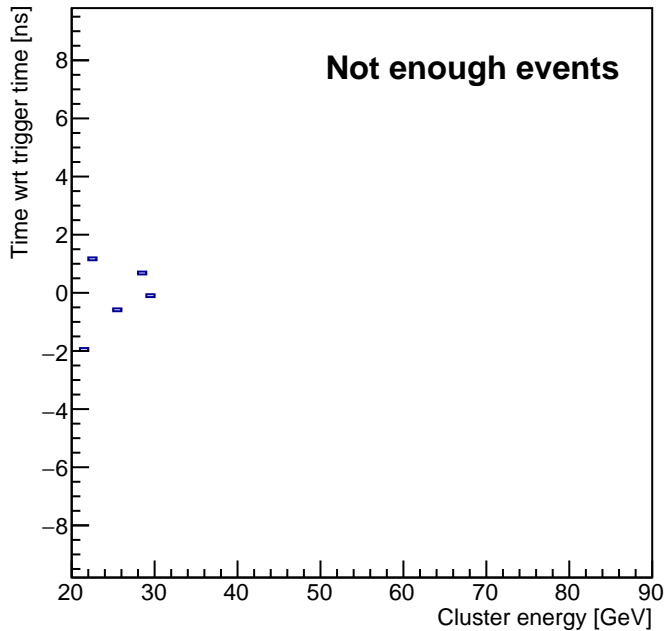
### Cluster time vs energy417



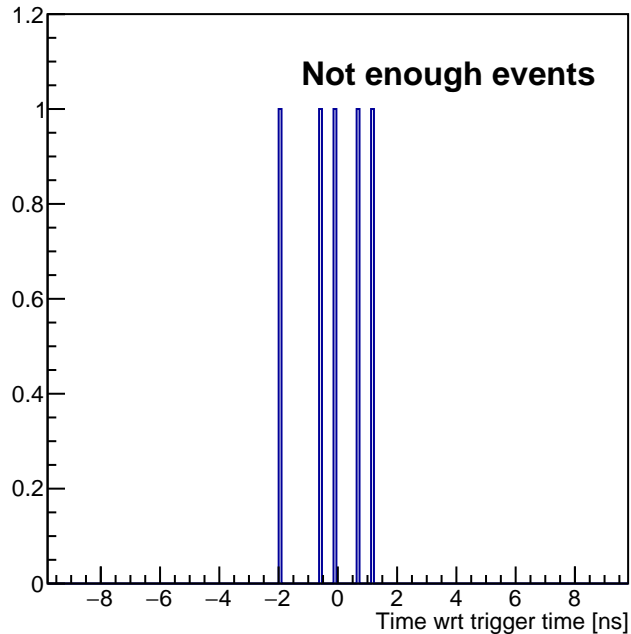
### Primitive time resolution 417



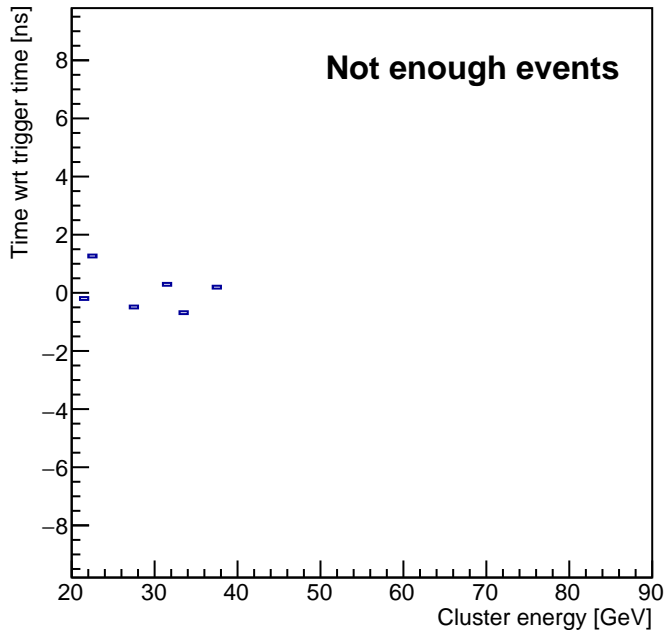
### Cluster time vs energy418



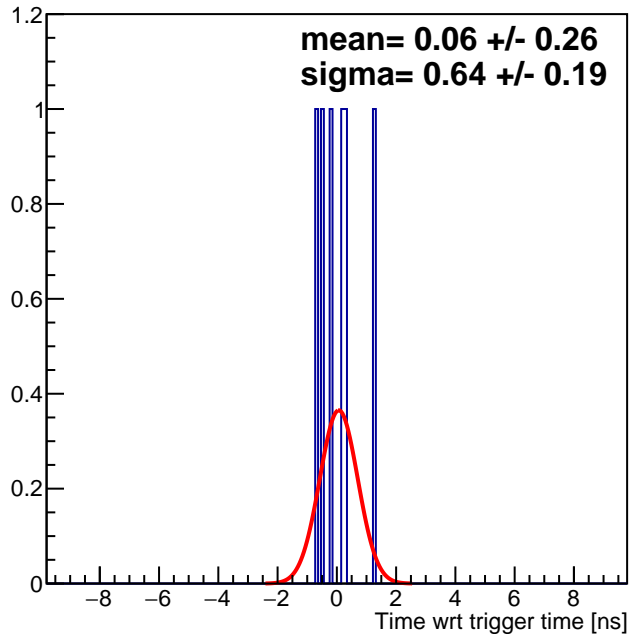
### Primitive time resolution 418



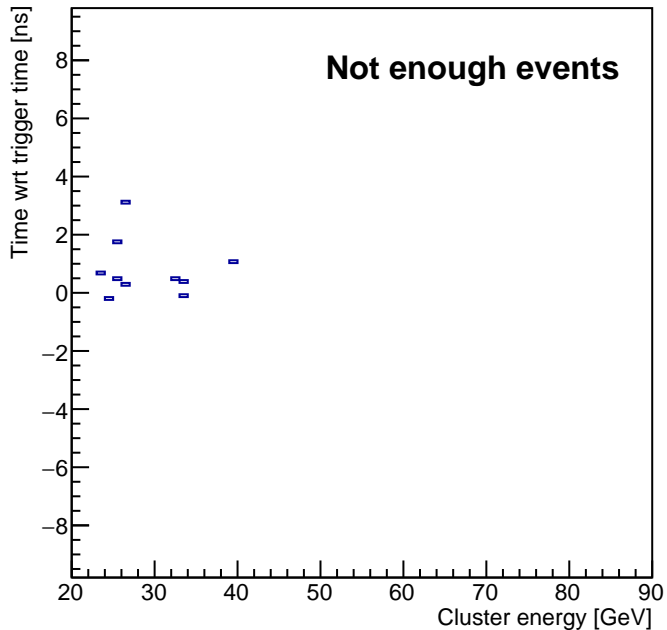
### Cluster time vs energy419



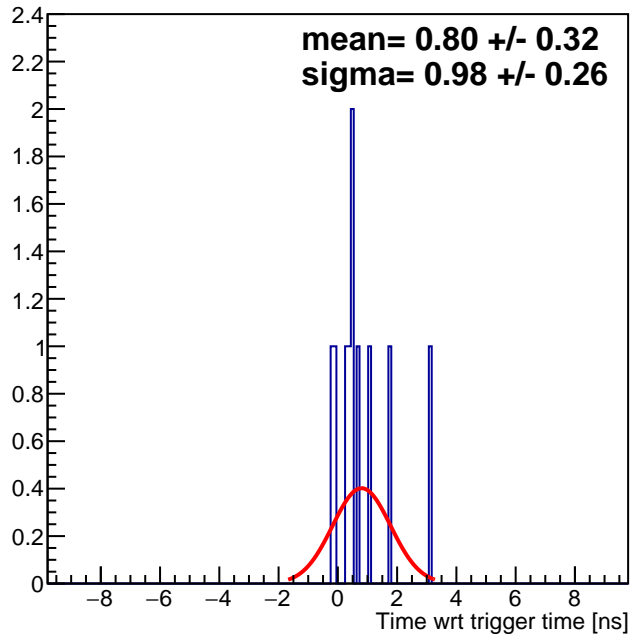
### Primitive time resolution 419



### Cluster time vs energy420

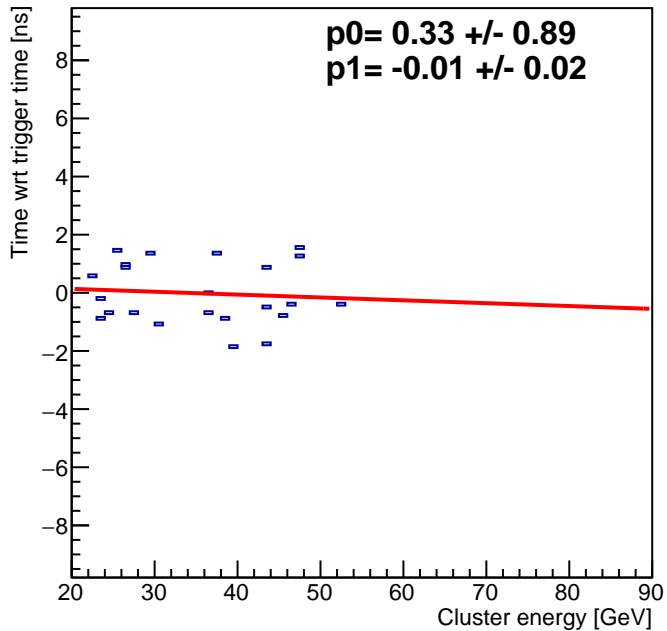


### Primitive time resolution 420

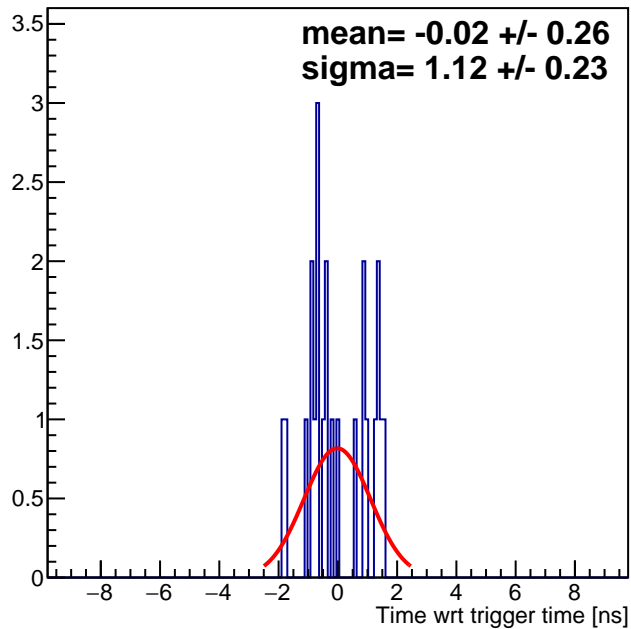




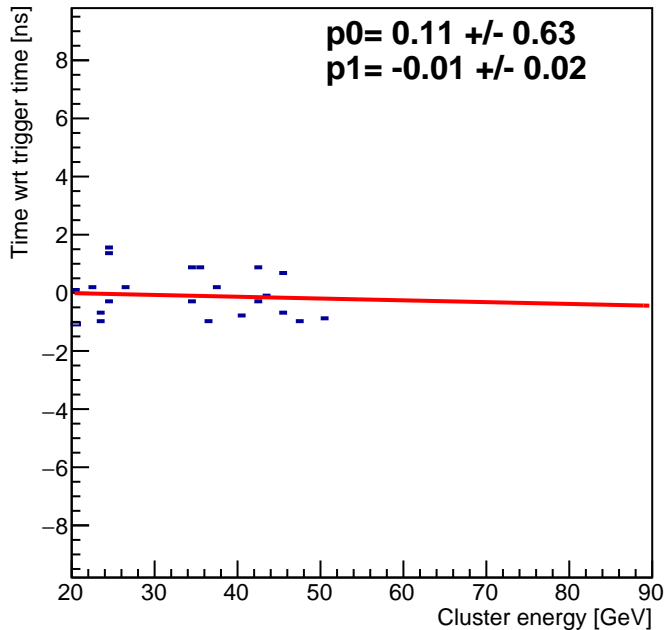
### Cluster time vs energy421



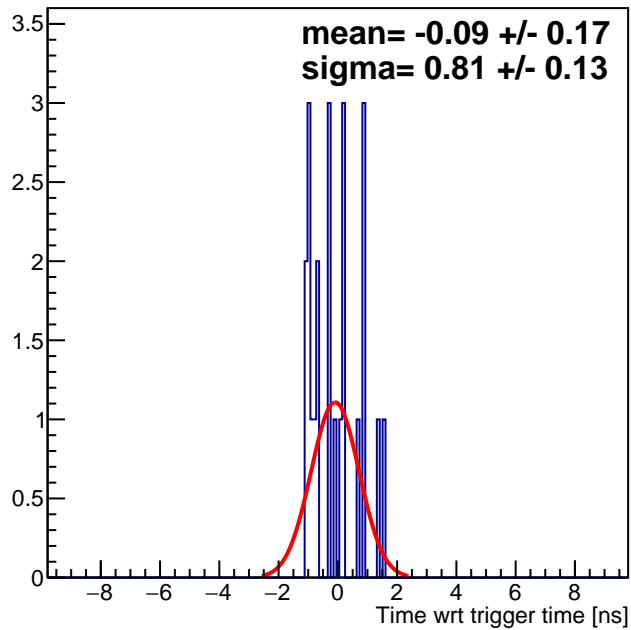
### Primitive time resolution 421



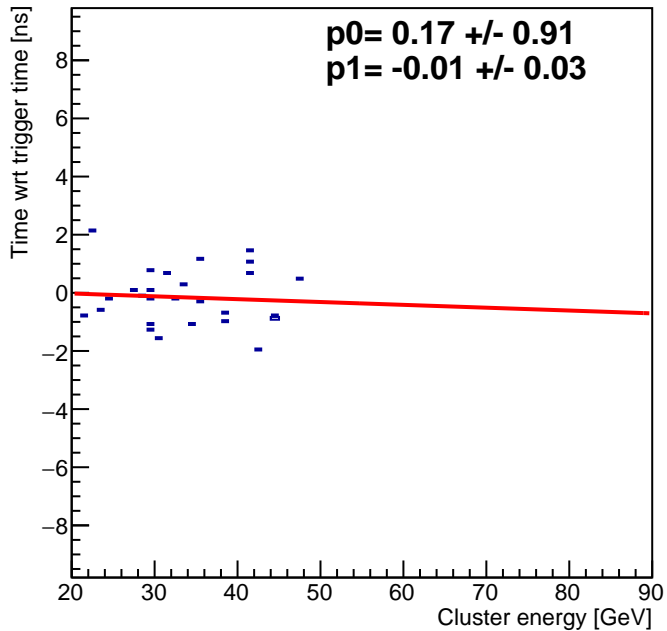
### Cluster time vs energy422



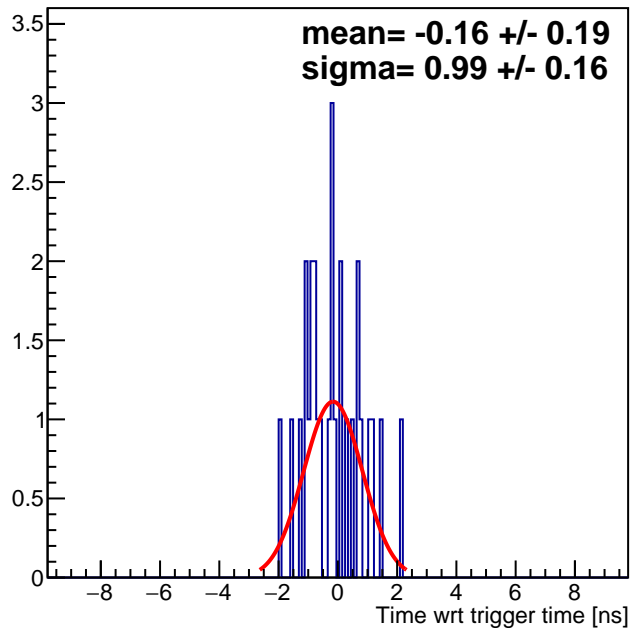
### Primitive time resolution 422



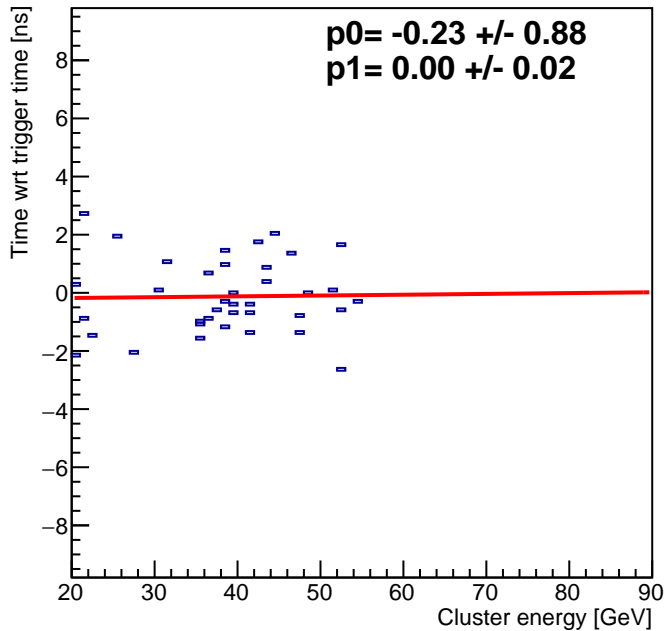
### Cluster time vs energy423



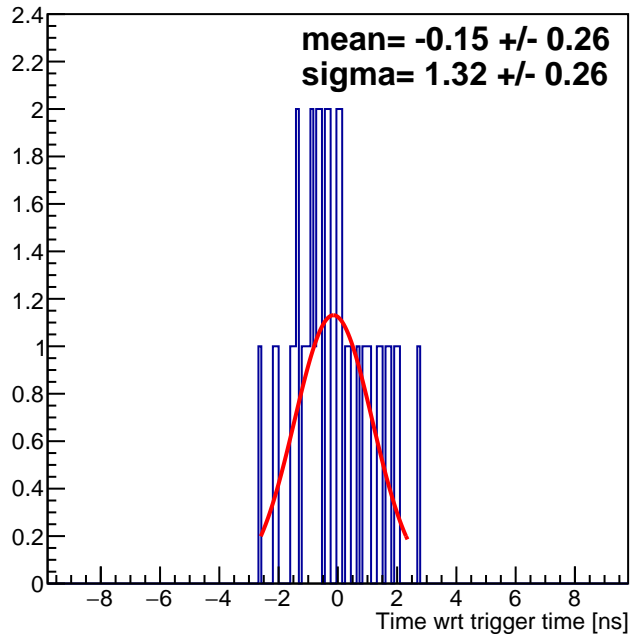
### Primitive time resolution 423



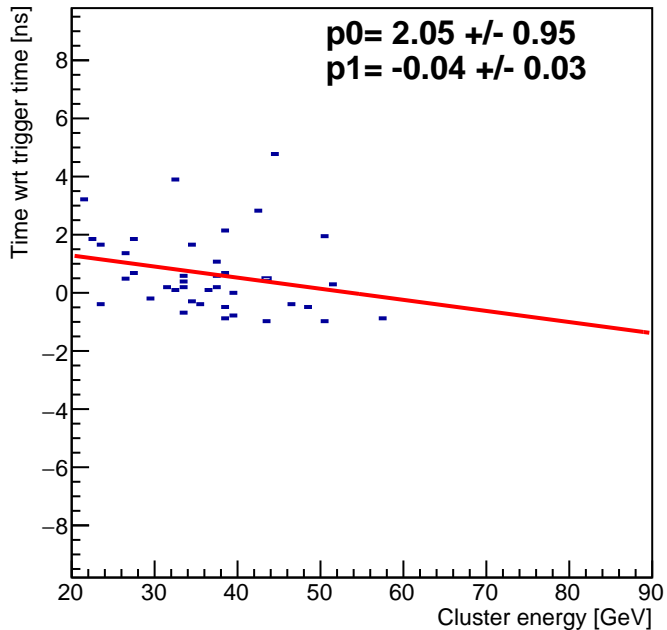
### Cluster time vs energy424



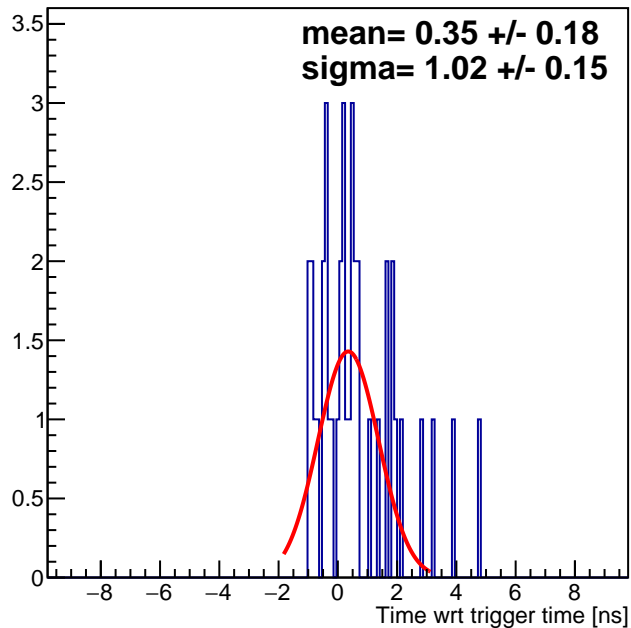
### Primitive time resolution 424



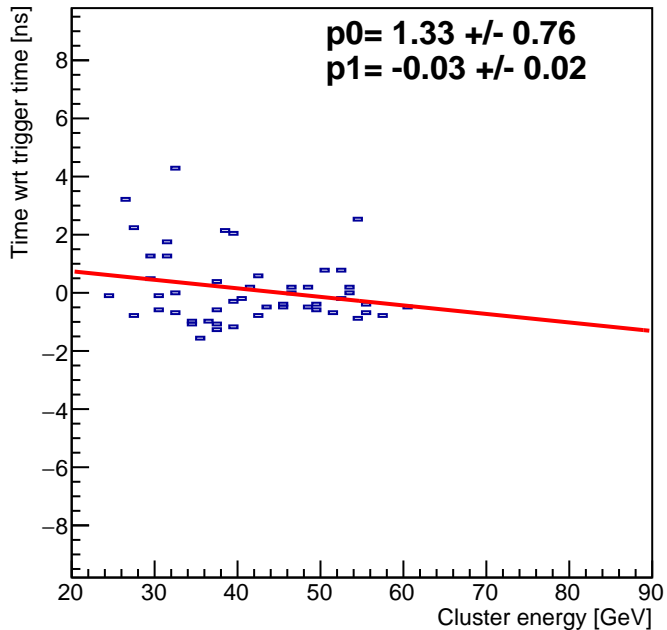
### Cluster time vs energy425



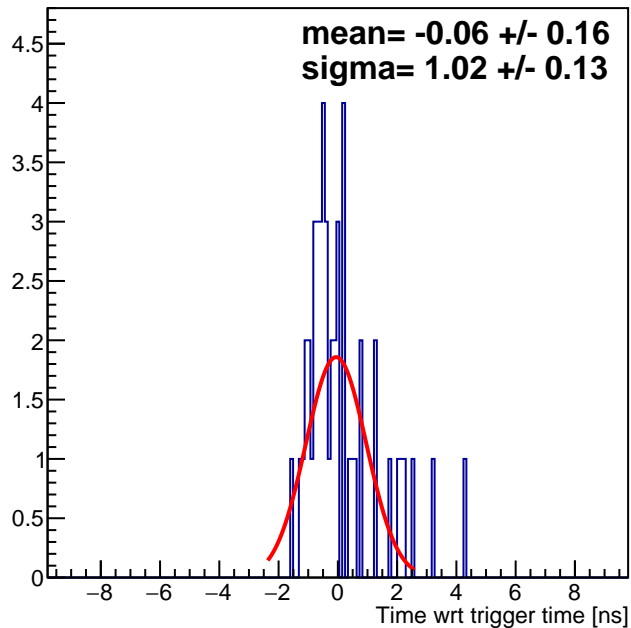
### Primitive time resolution 425



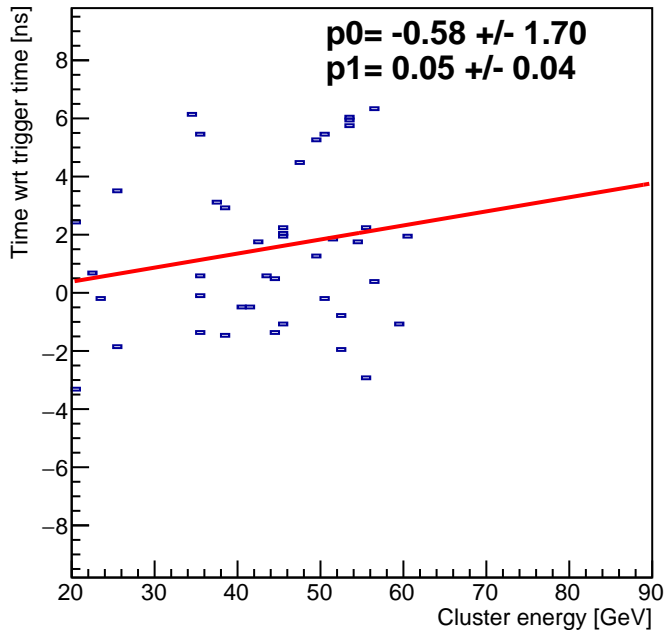
### Cluster time vs energy426



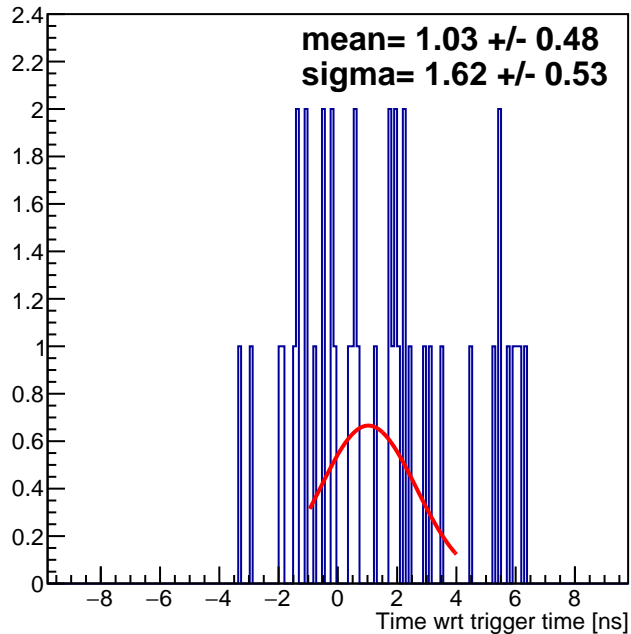
### Primitive time resolution 426



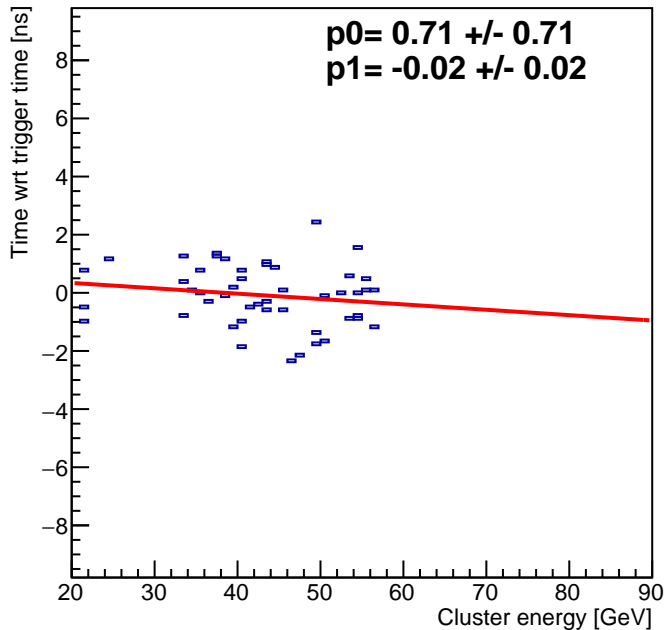
### Cluster time vs energy427



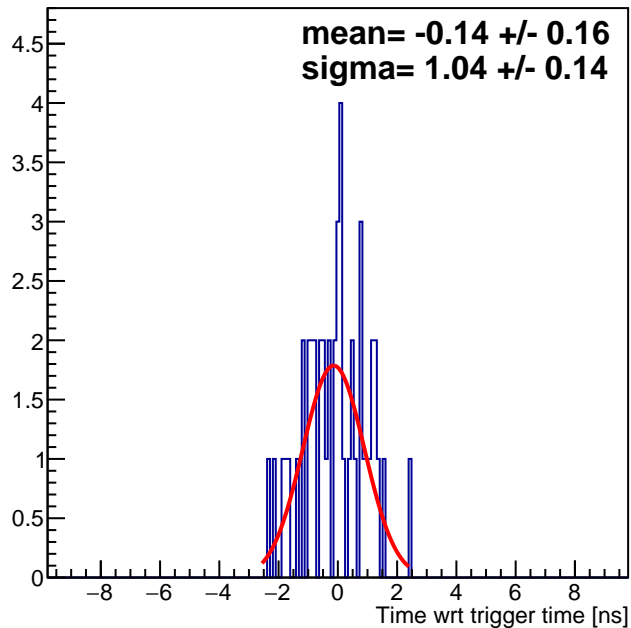
### Primitive time resolution 427



### Cluster time vs energy428

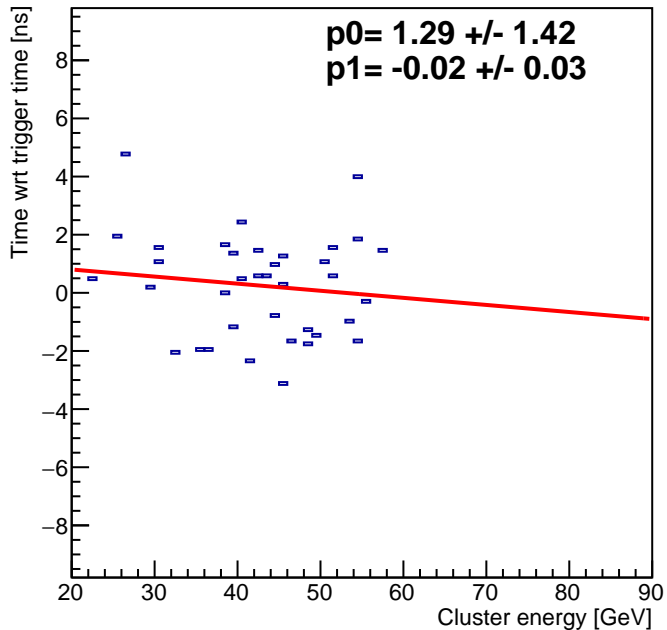


### Primitive time resolution 428

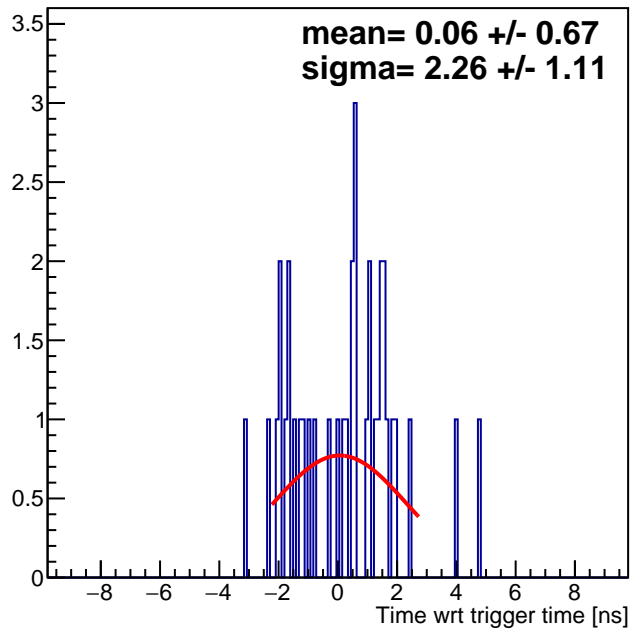




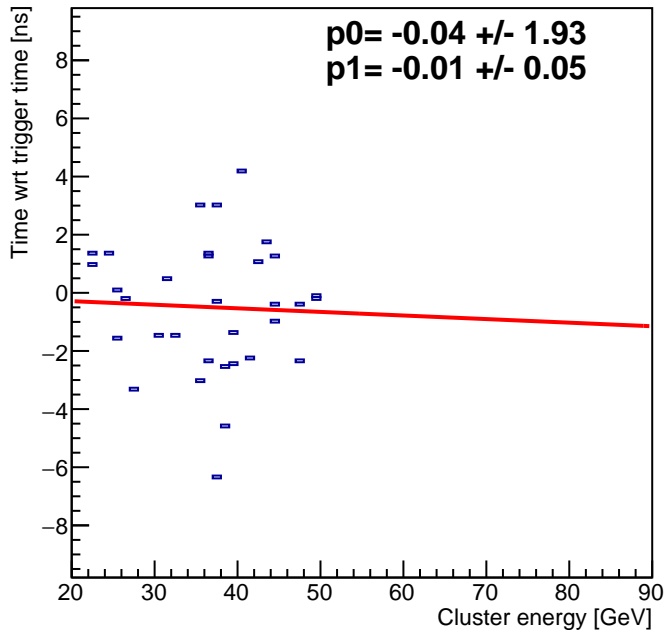
### Cluster time vs energy429



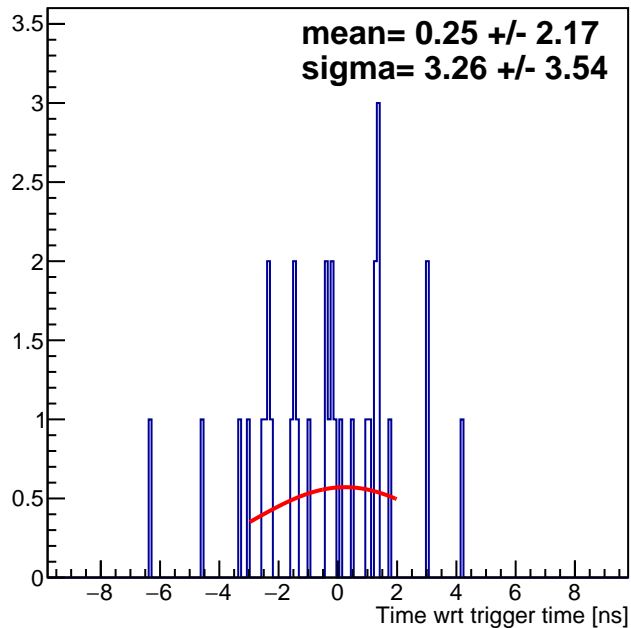
### Primitive time resolution 429



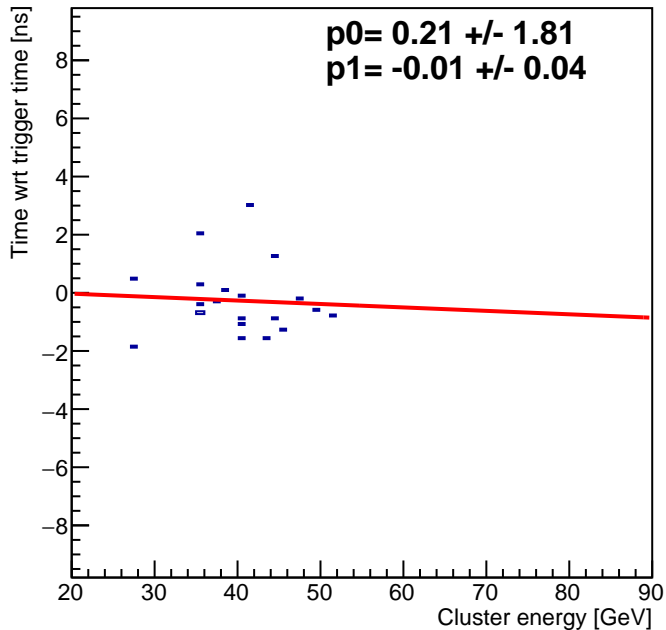
### Cluster time vs energy430



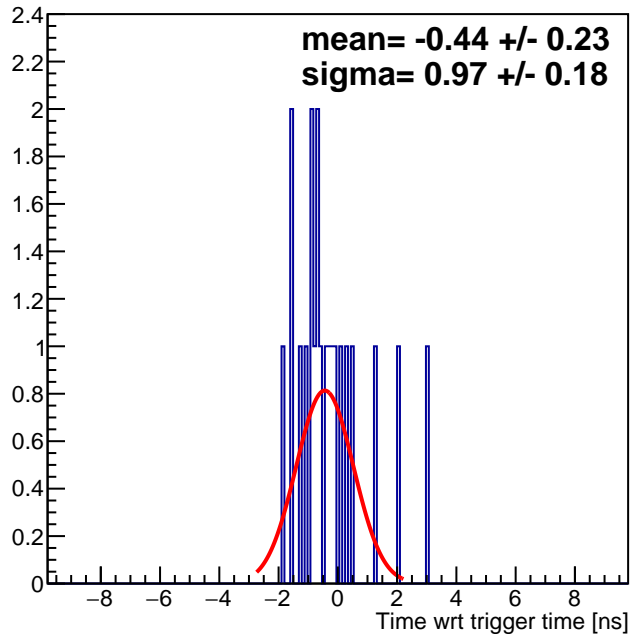
### Primitive time resolution 430



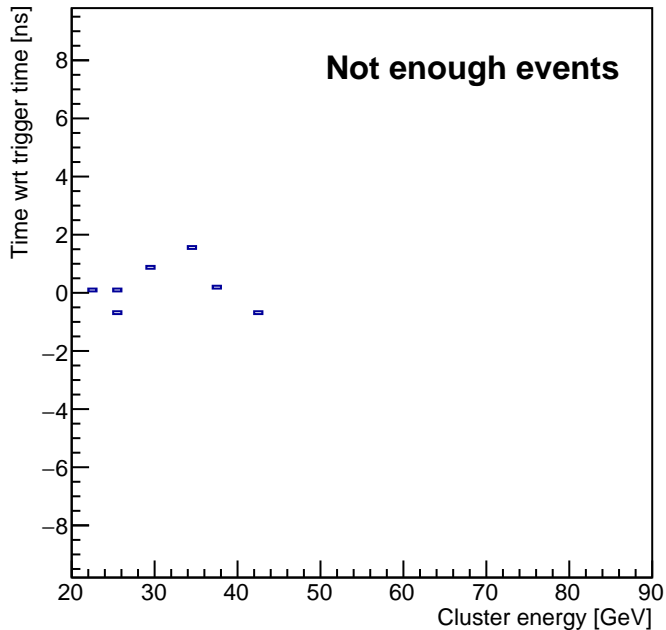
### Cluster time vs energy431



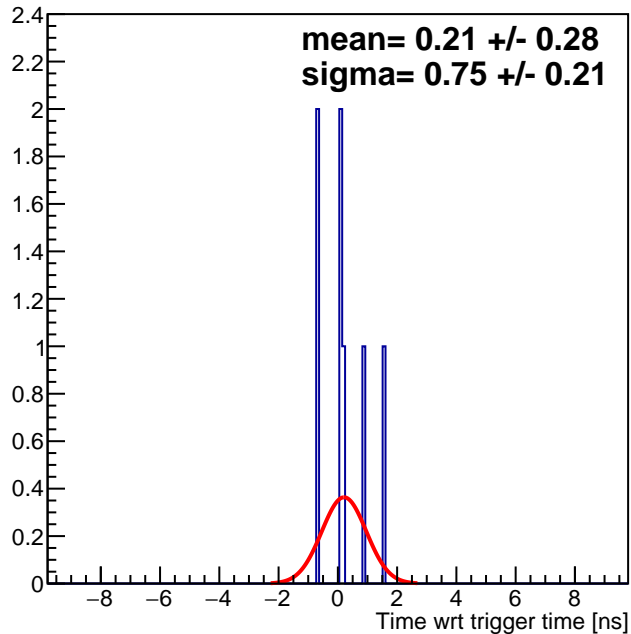
### Primitive time resolution 431



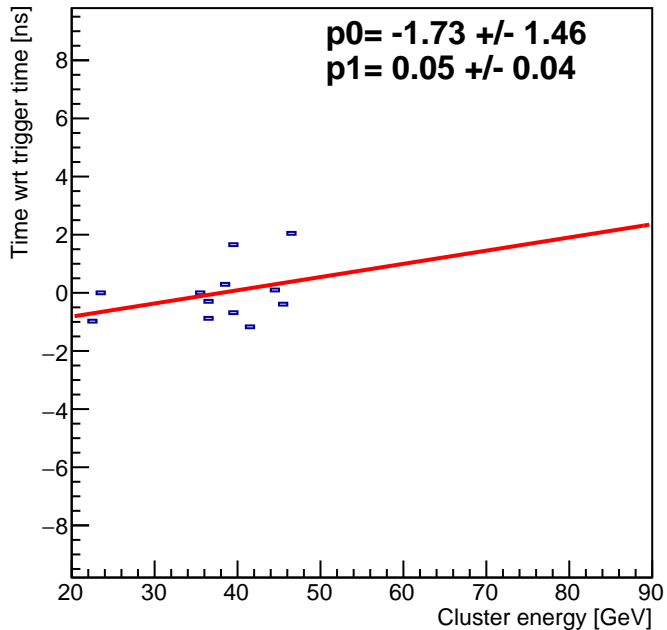
### Cluster time vs energy432



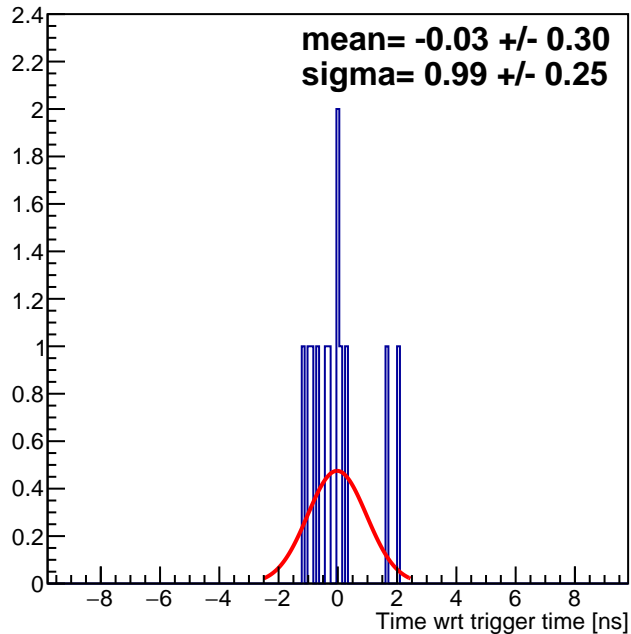
### Primitive time resolution 432



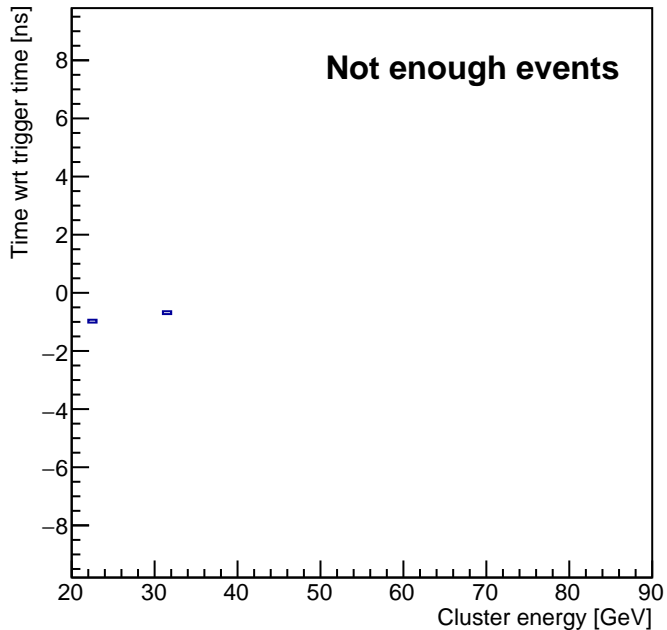
### Cluster time vs energy433



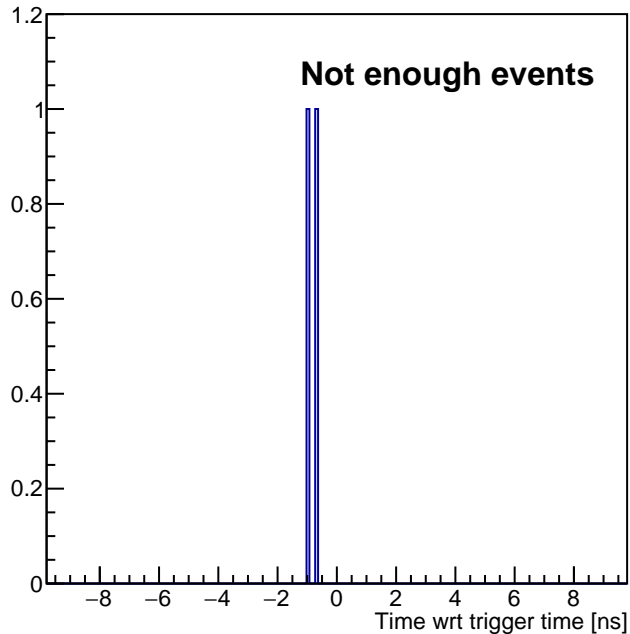
### Primitive time resolution 433



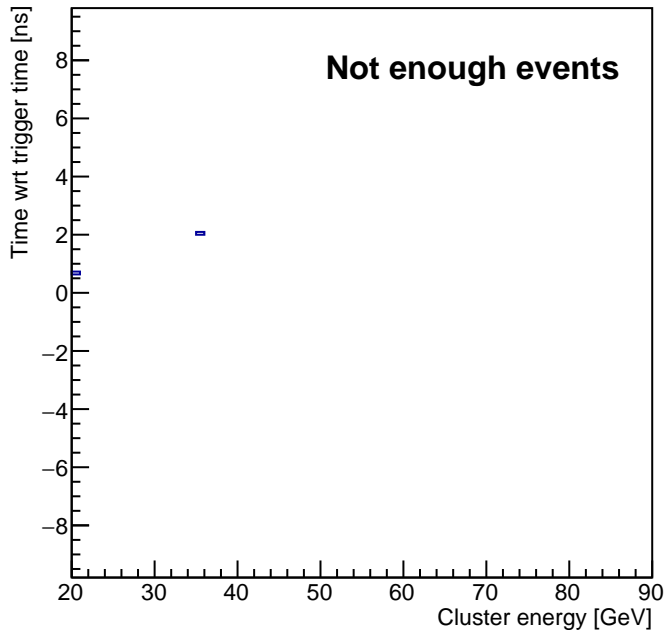
### Cluster time vs energy434



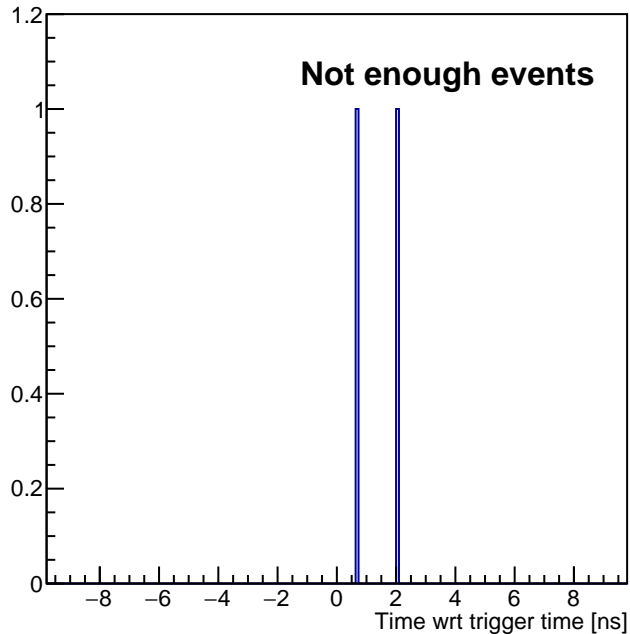
### Primitive time resolution 434



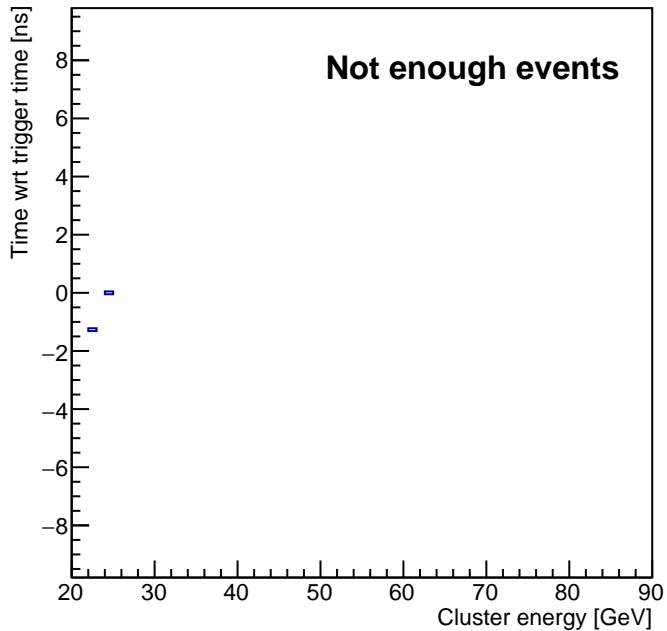
### Cluster time vs energy435



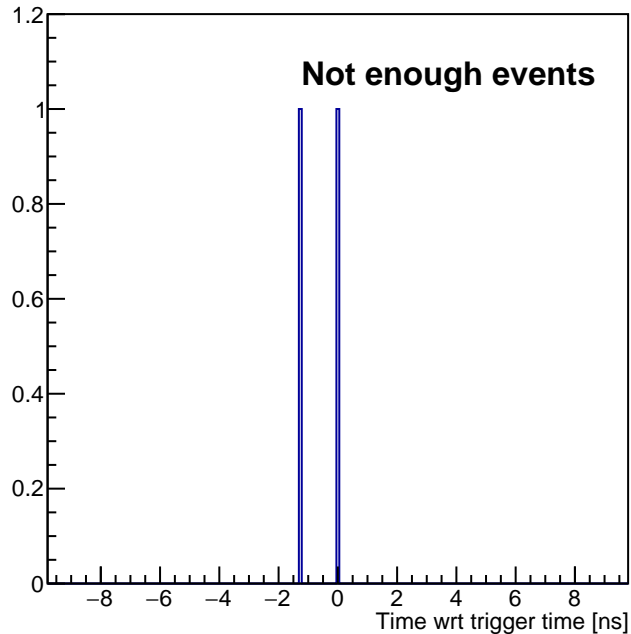
### Primitive time resolution 435



### Cluster time vs energy436

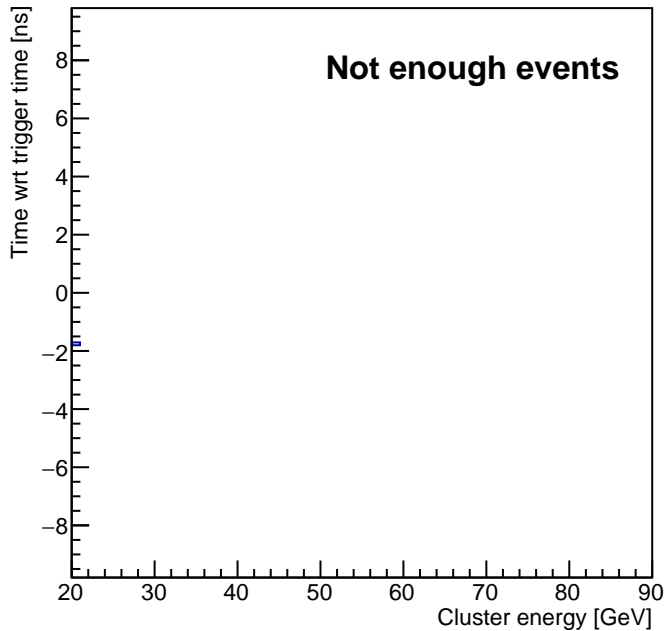


### Primitive time resolution 436

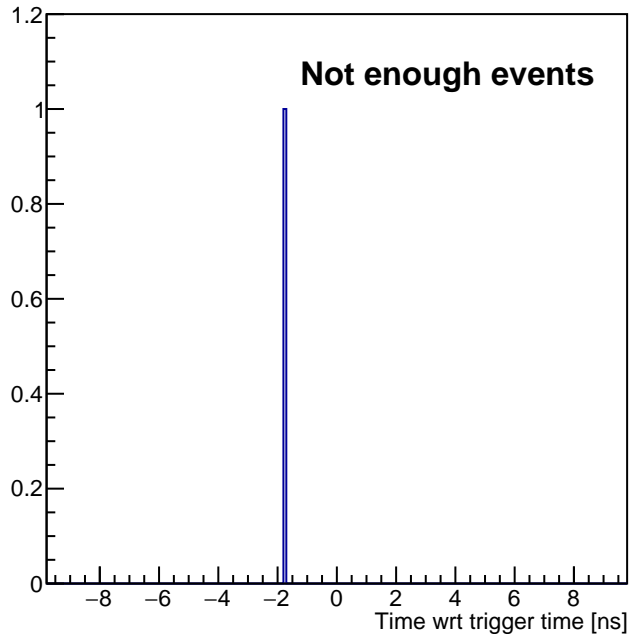




### Cluster time vs energy437



### Primitive time resolution 437



### Cluster time vs energy438



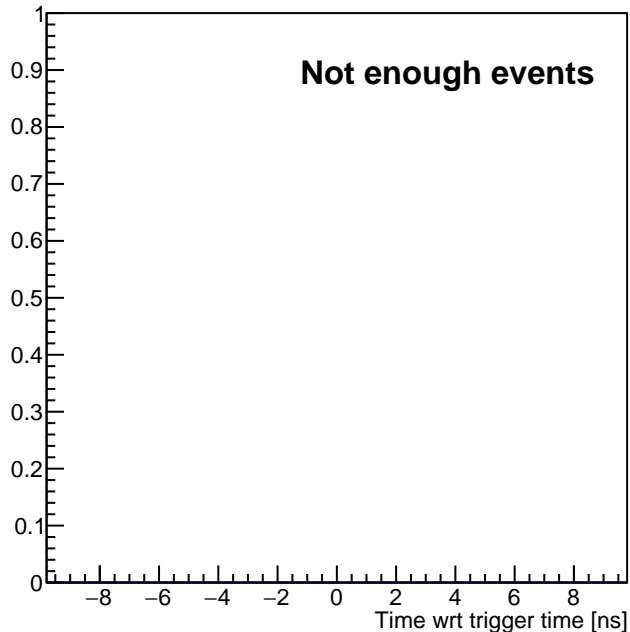
### Primitive time resolution 438



### Cluster time vs energy439



### Primitive time resolution 439



### Cluster time vs energy440



### Primitive time resolution 440



### Cluster time vs energy443



### Primitive time resolution 443



### Cluster time vs energy444



### Primitive time resolution 444



### Cluster time vs energy445



### Primitive time resolution 445



### Cluster time vs energy446



### Primitive time resolution 446





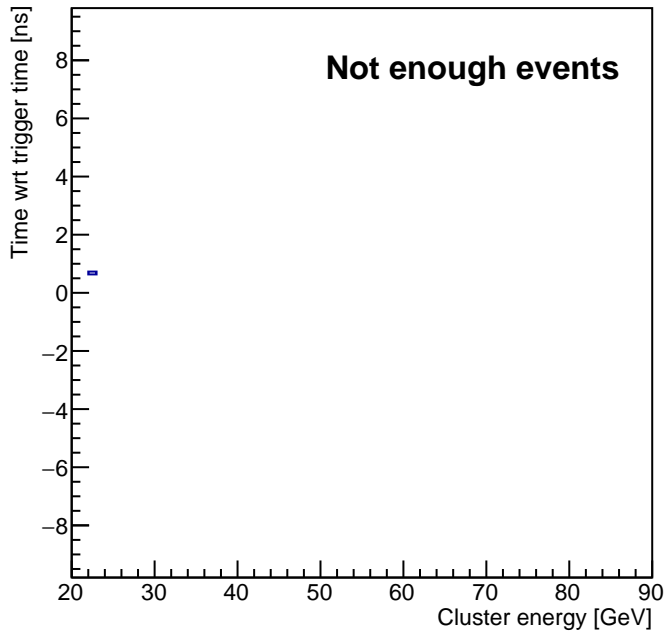
### Cluster time vs energy447



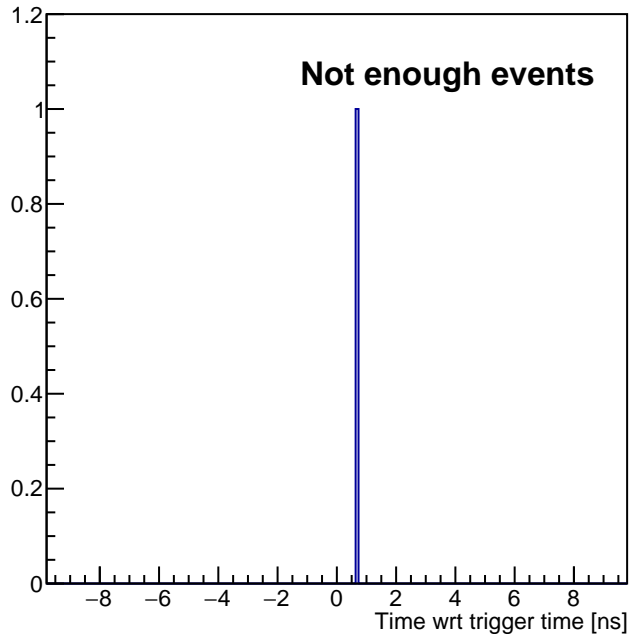
### Primitive time resolution 447



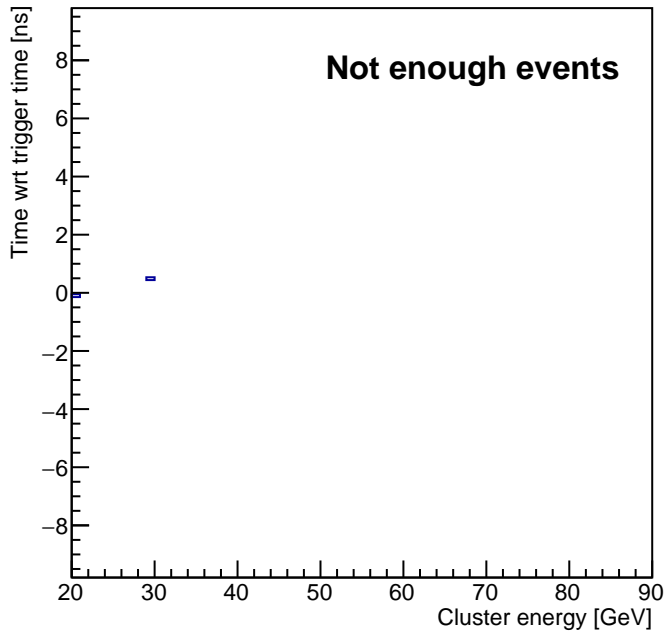
### Cluster time vs energy448



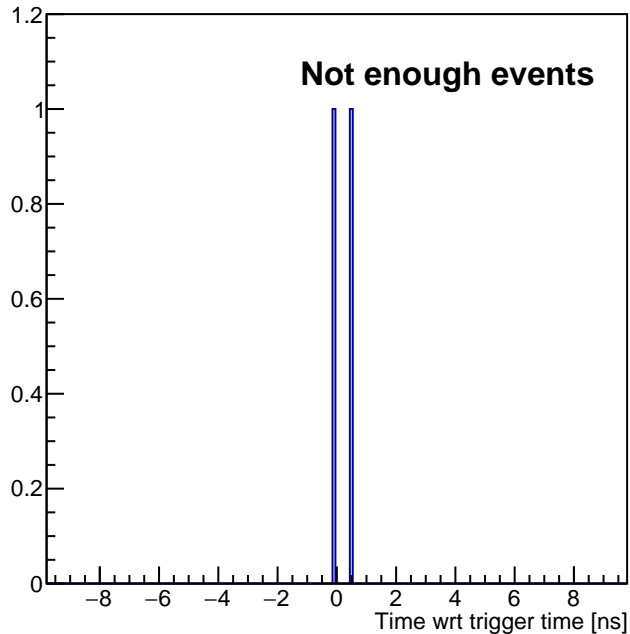
### Primitive time resolution 448



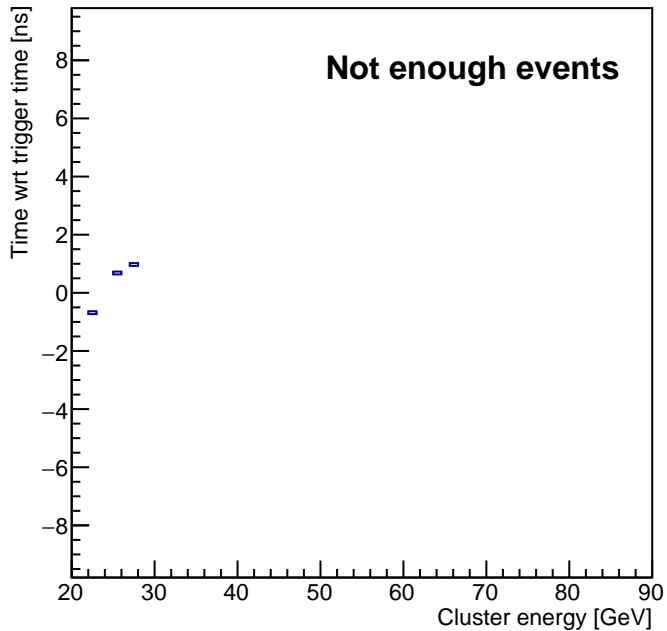
### Cluster time vs energy449



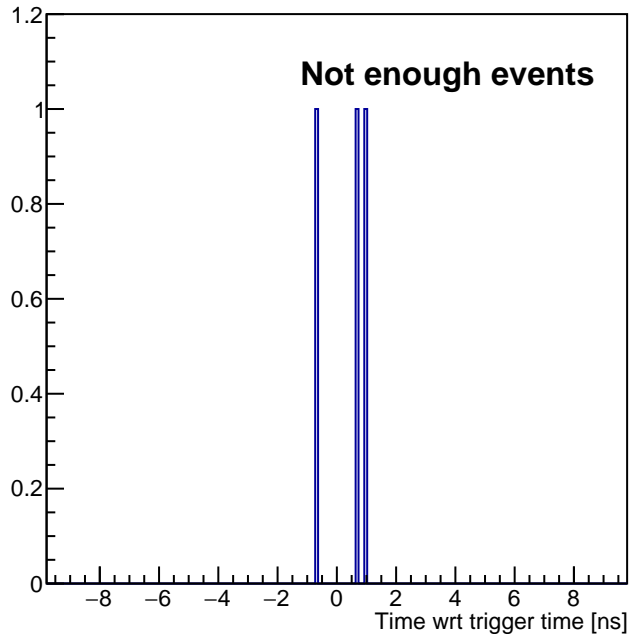
### Primitive time resolution 449



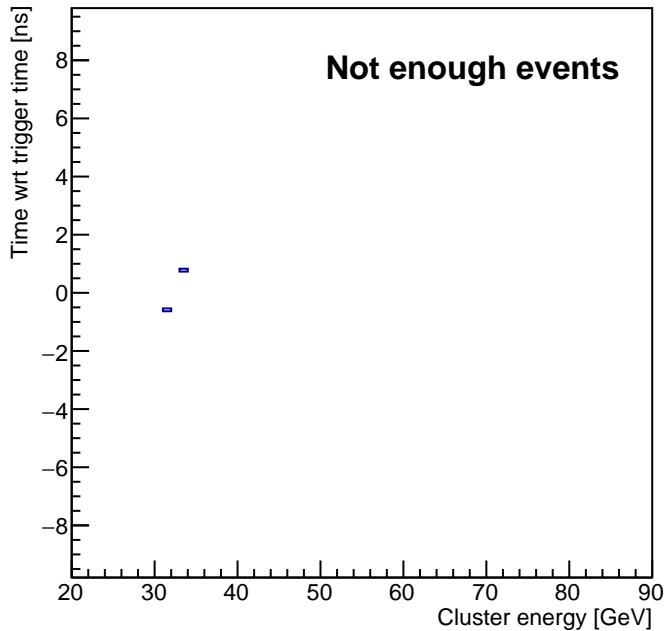
### Cluster time vs energy450



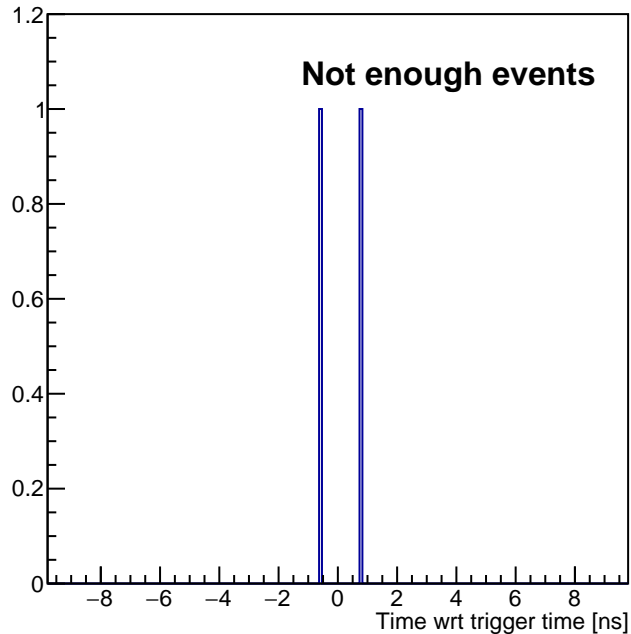
### Primitive time resolution 450



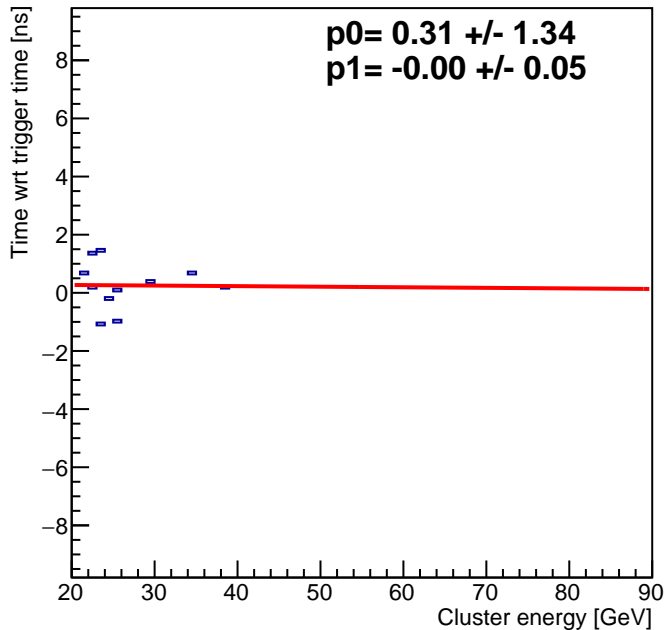
### Cluster time vs energy451



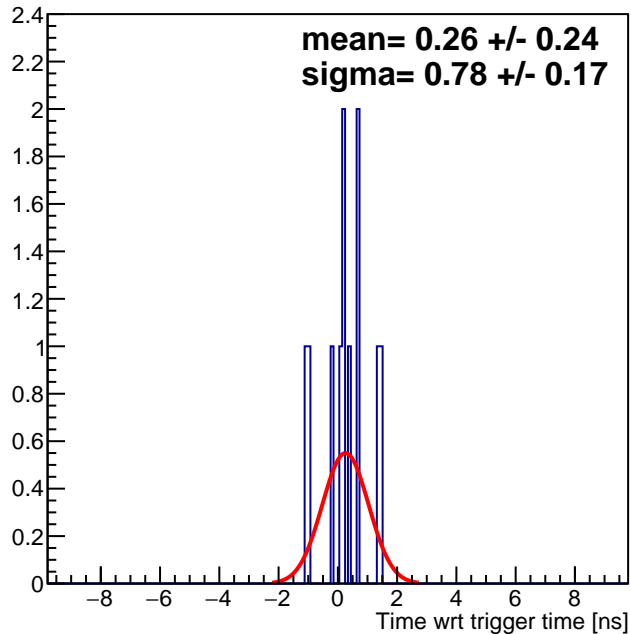
### Primitive time resolution 451



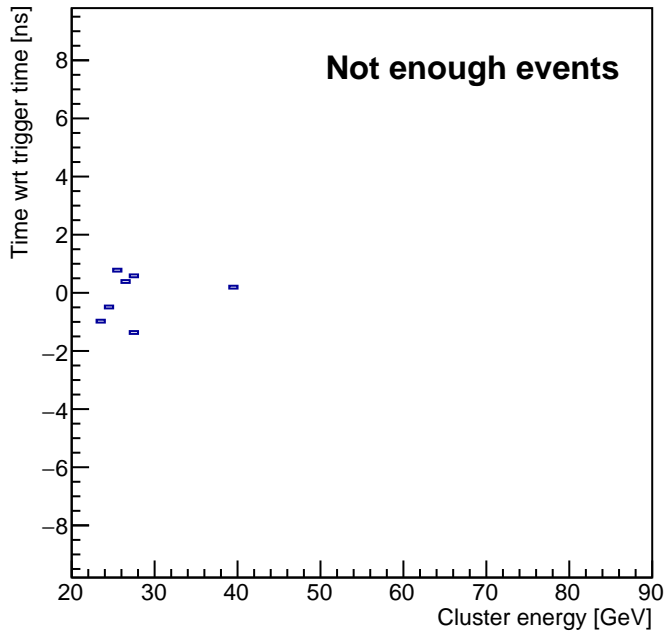
### Cluster time vs energy452



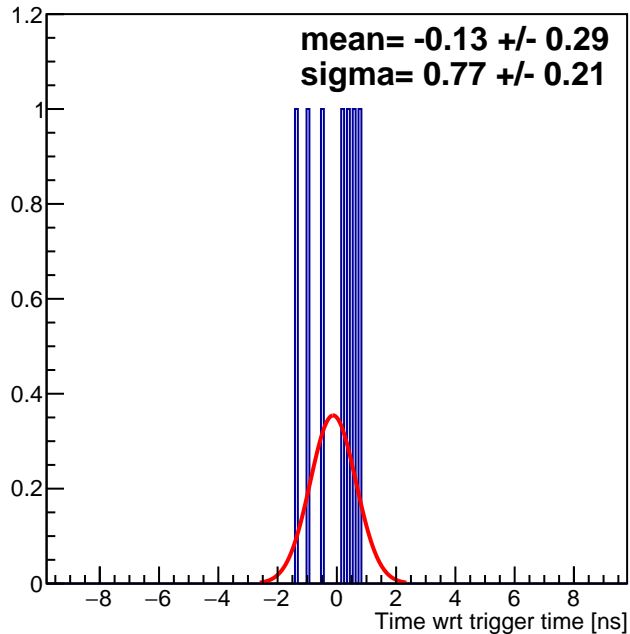
### Primitive time resolution 452



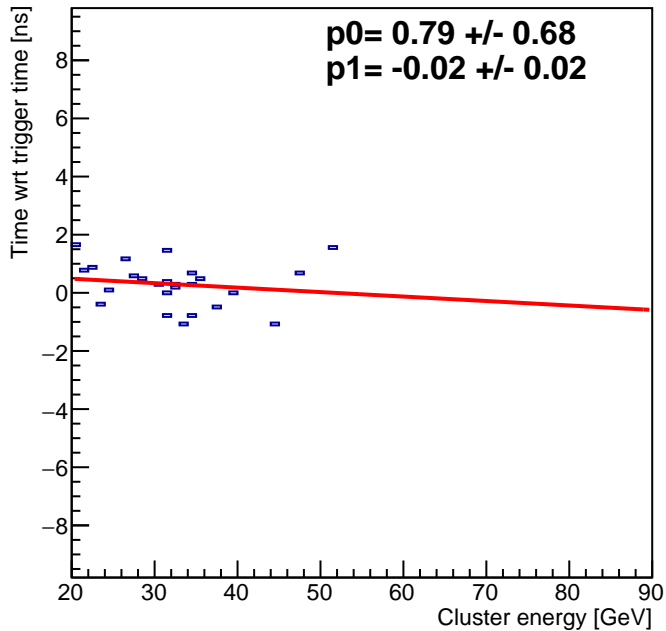
### Cluster time vs energy453



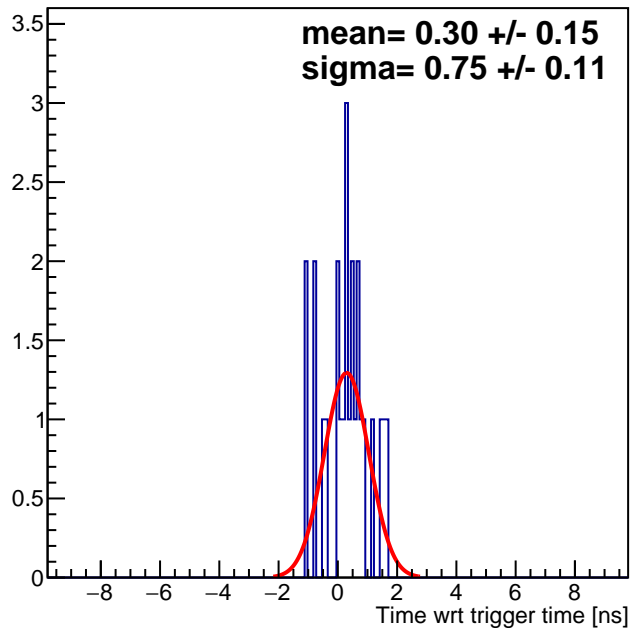
### Primitive time resolution 453



### Cluster time vs energy454

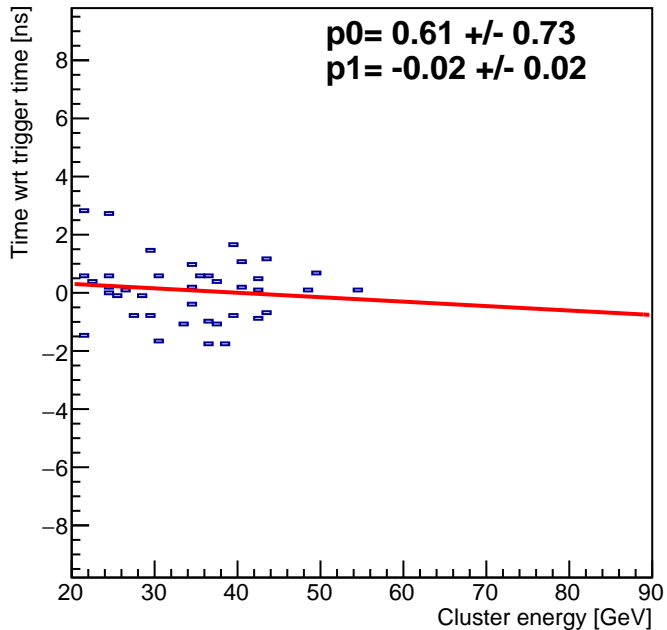


### Primitive time resolution 454

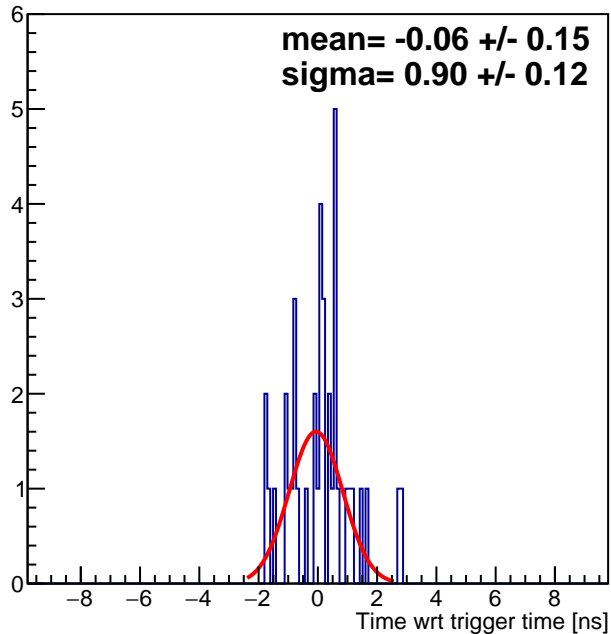




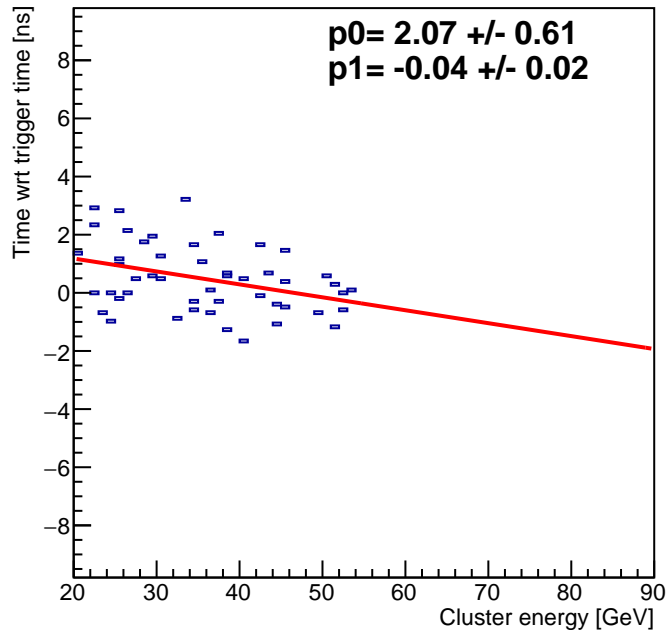
### Cluster time vs energy455



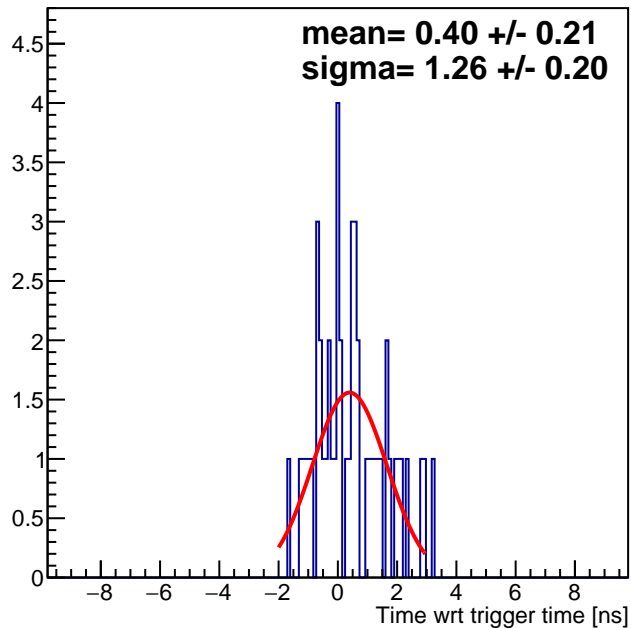
### Primitive time resolution 455



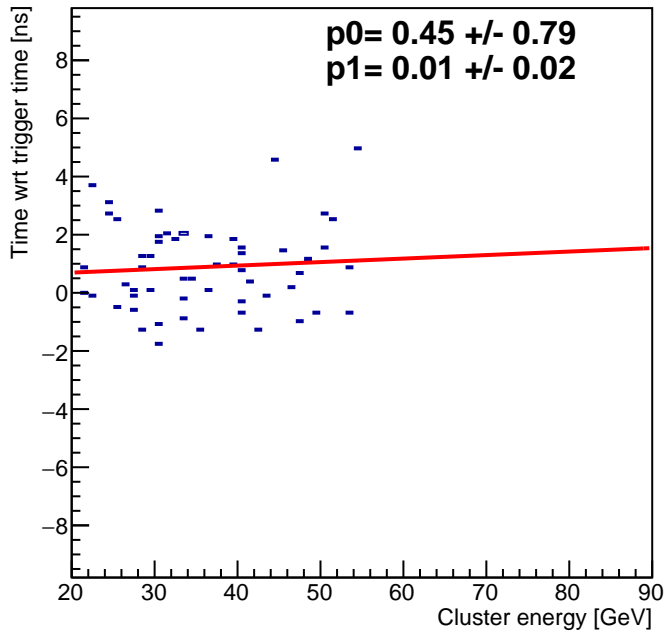
### Cluster time vs energy456



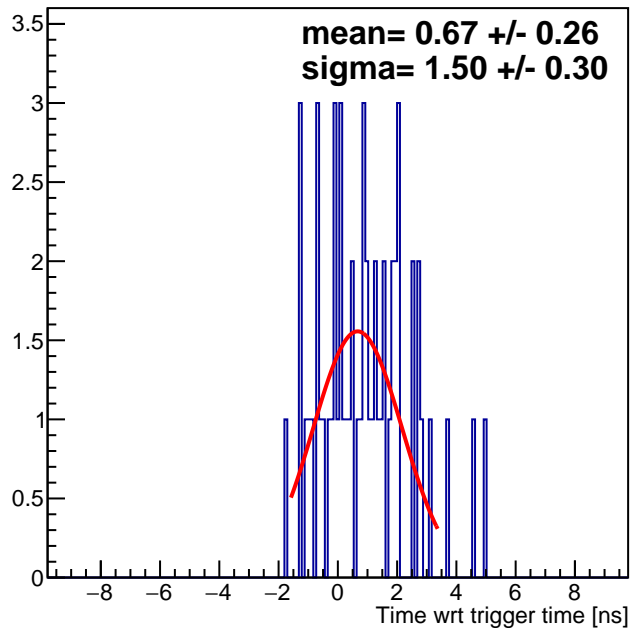
### Primitive time resolution 456



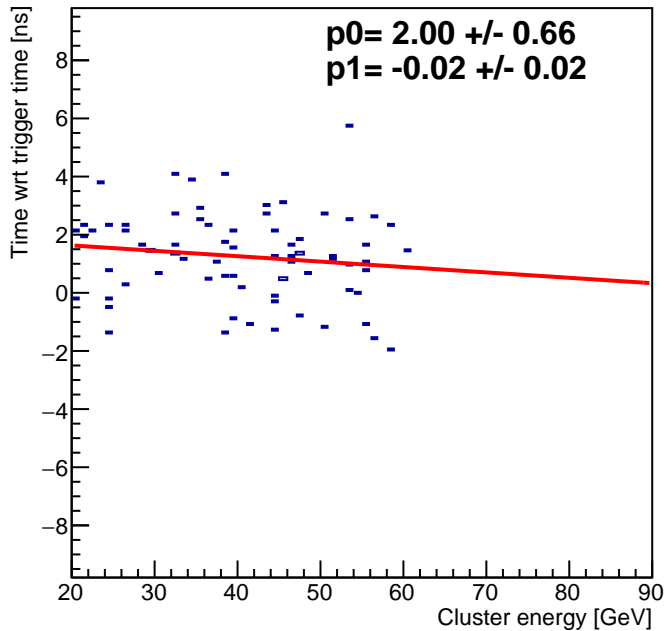
### Cluster time vs energy457



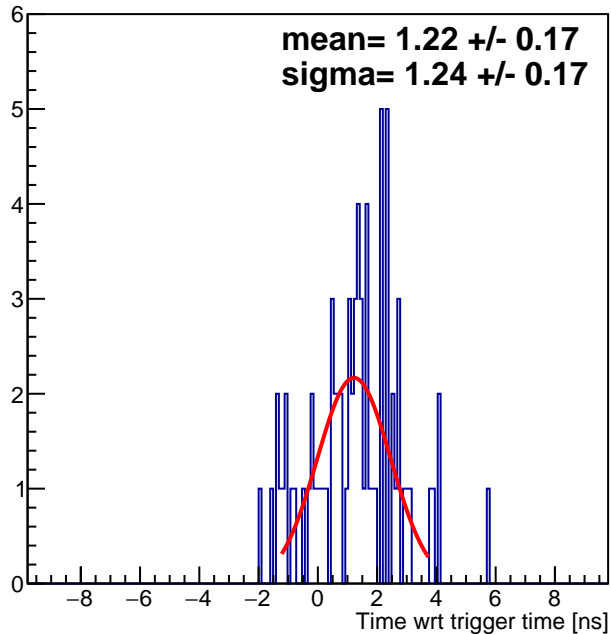
### Primitive time resolution 457



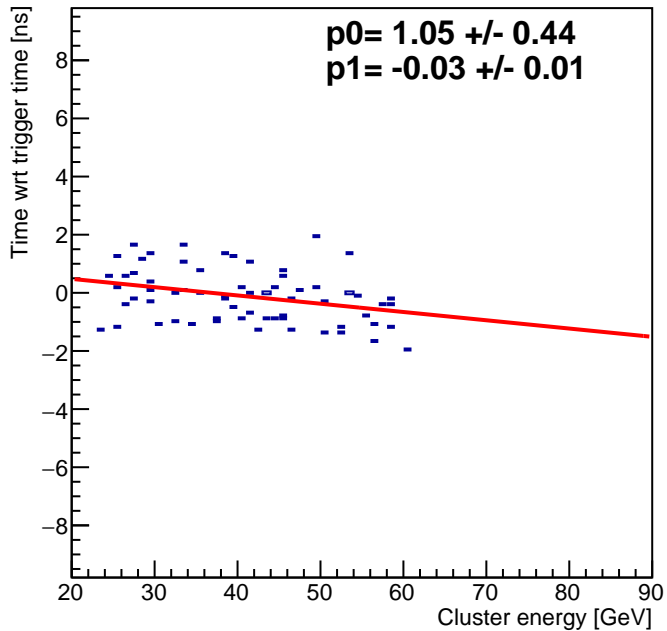
### Cluster time vs energy458



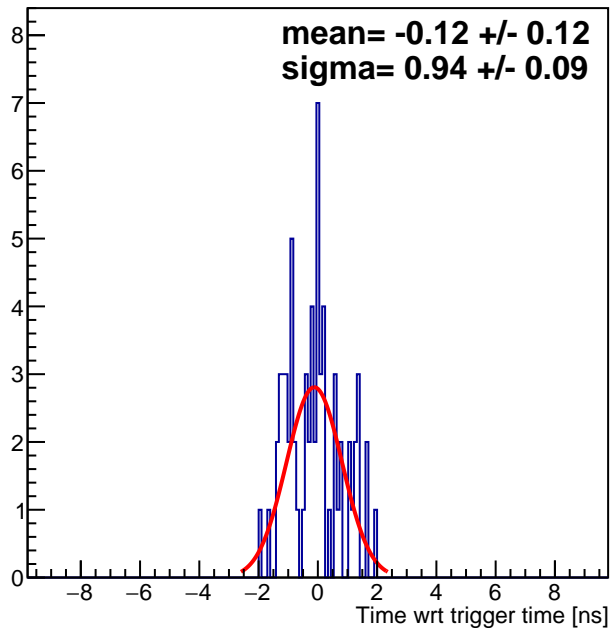
### Primitive time resolution 458



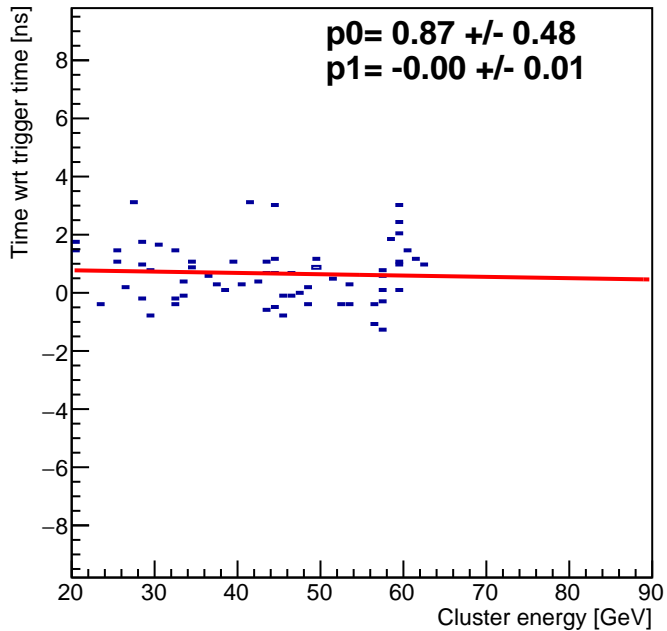
### Cluster time vs energy459



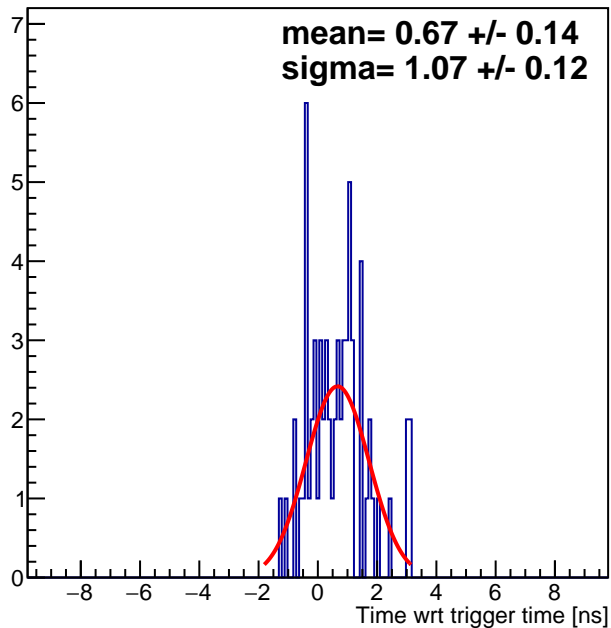
### Primitive time resolution 459



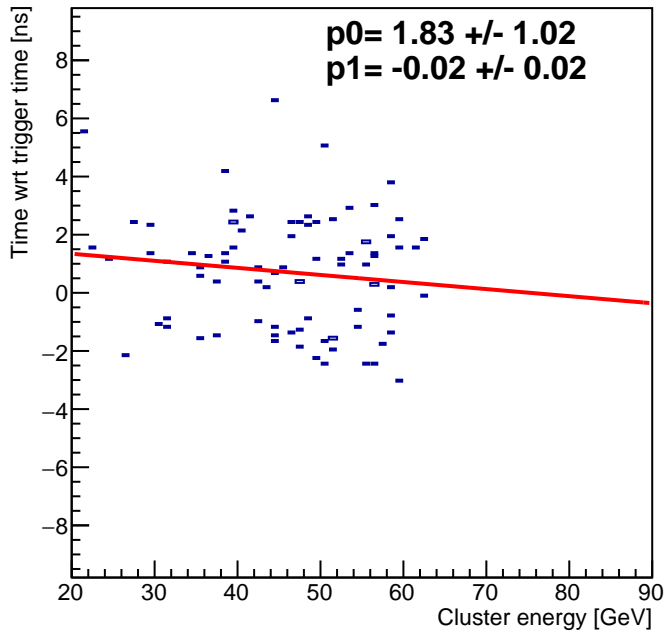
### Cluster time vs energy460



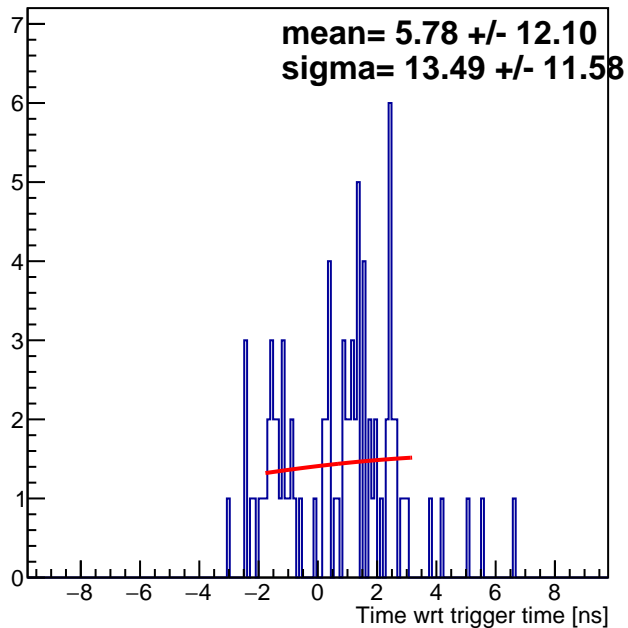
### Primitive time resolution 460



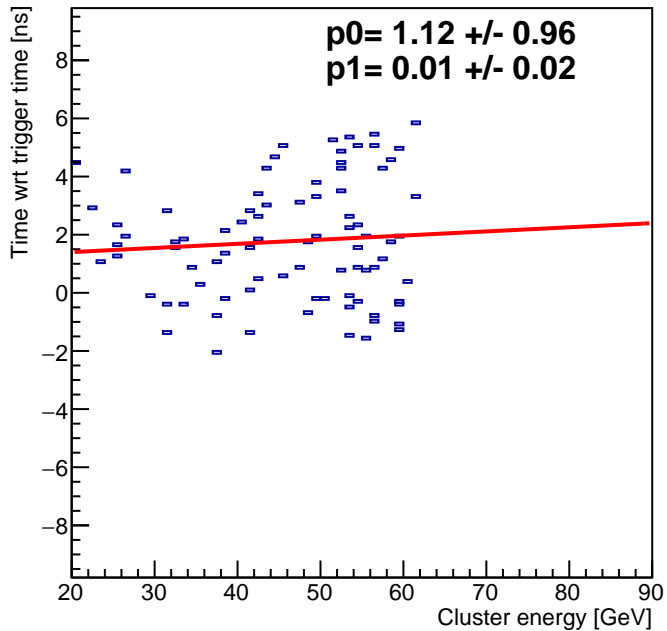
### Cluster time vs energy461



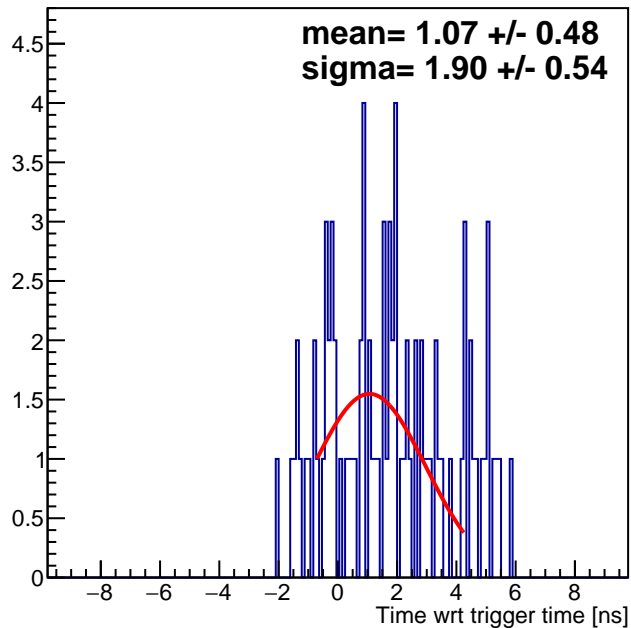
### Primitive time resolution 461



### Cluster time vs energy462

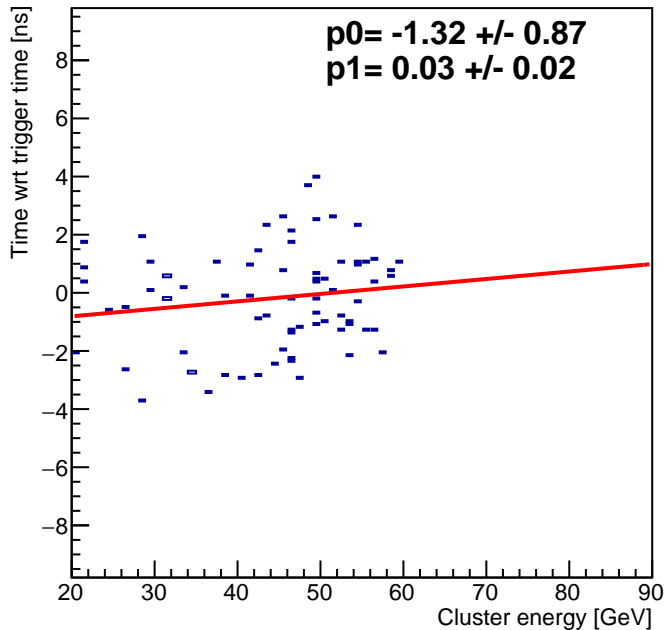


### Primitive time resolution 462

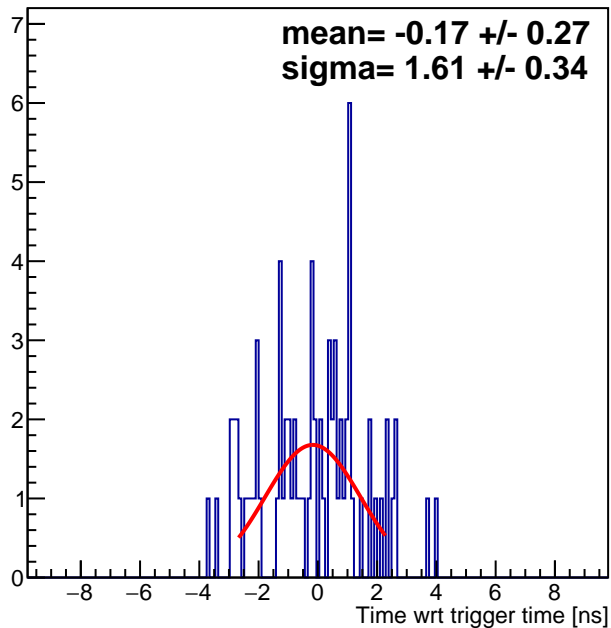




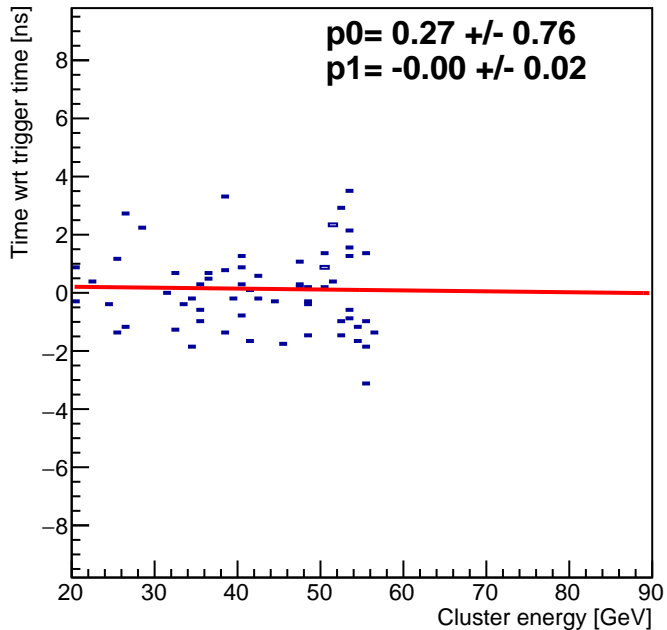
### Cluster time vs energy463



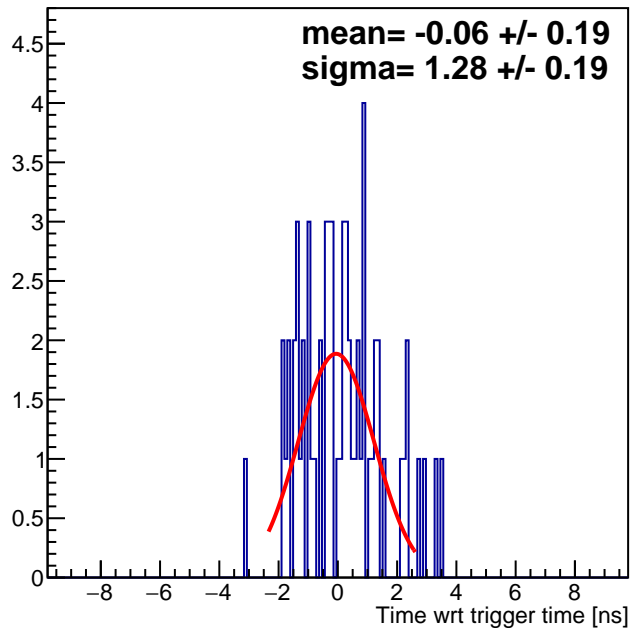
### Primitive time resolution 463



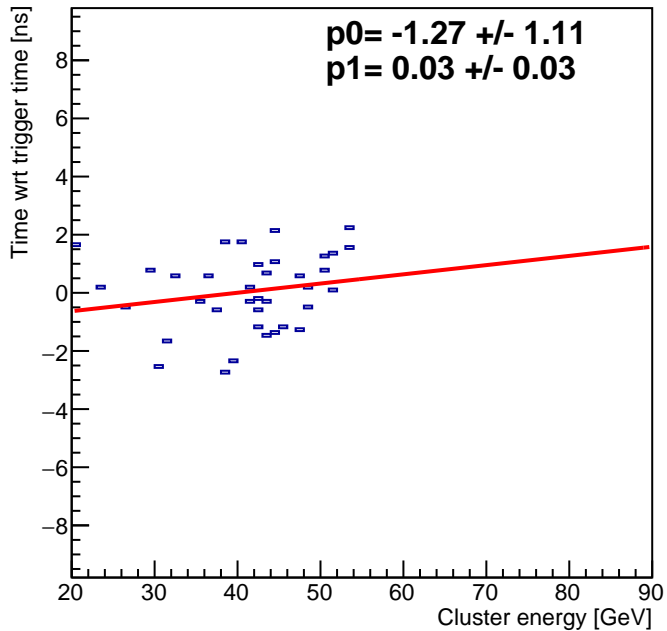
### Cluster time vs energy464



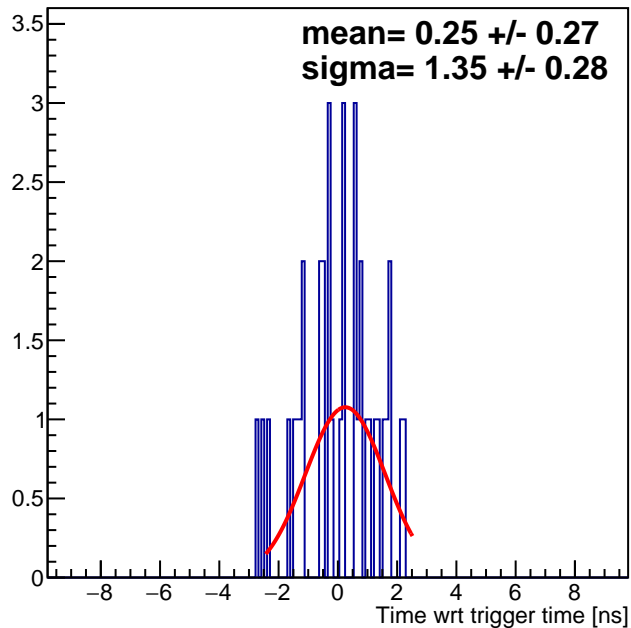
### Primitive time resolution 464



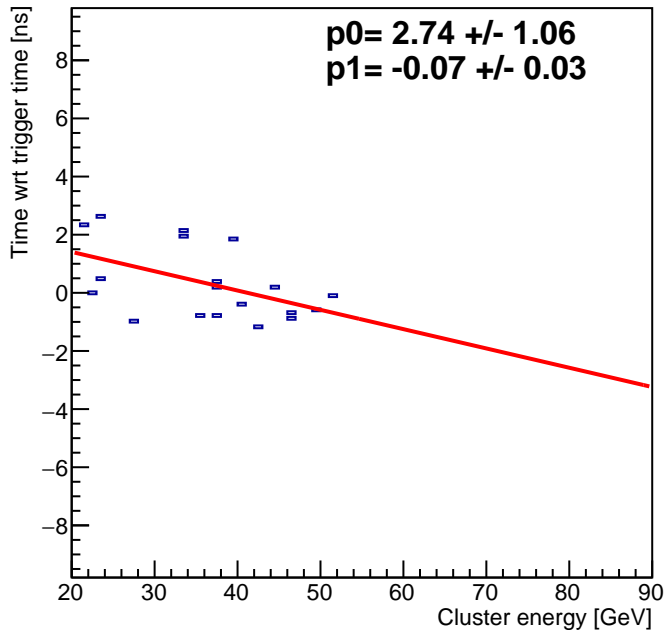
### Cluster time vs energy465



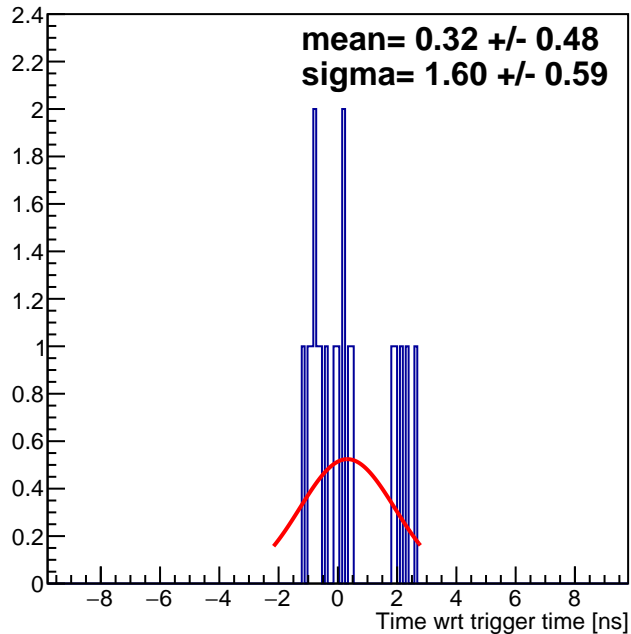
### Primitive time resolution 465



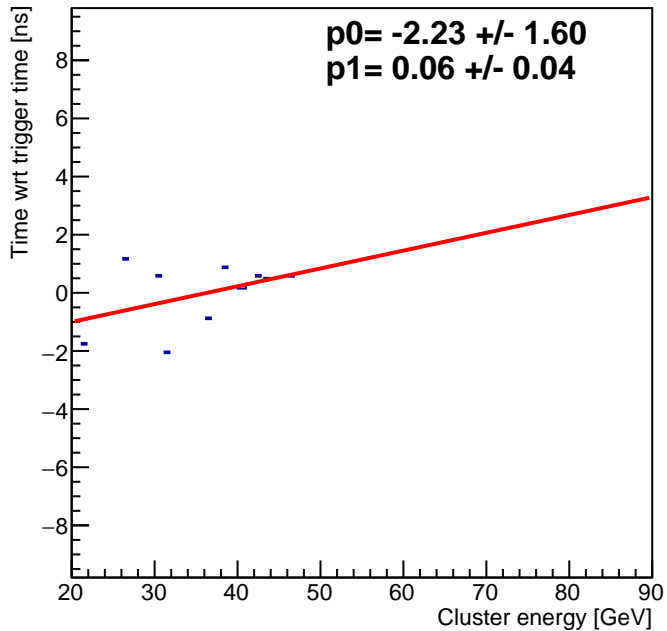
### Cluster time vs energy466



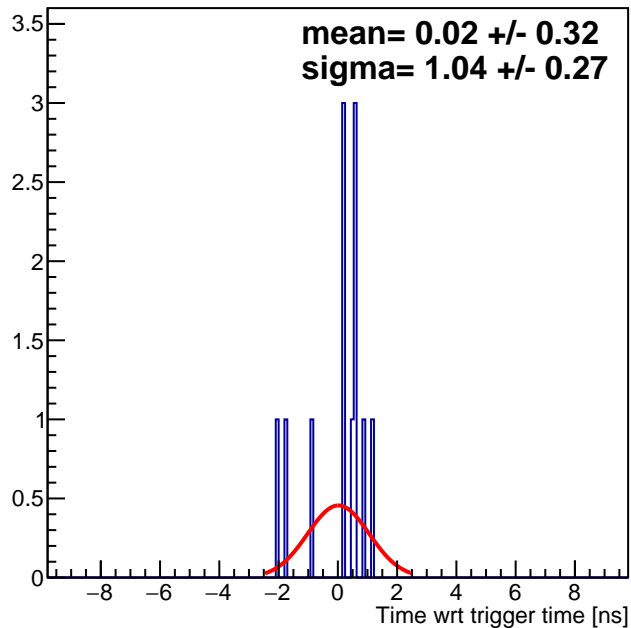
### Primitive time resolution 466



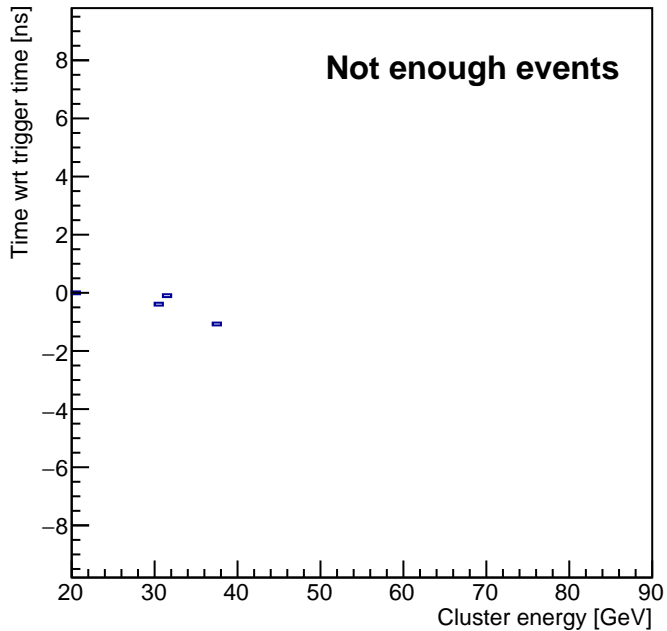
### Cluster time vs energy467



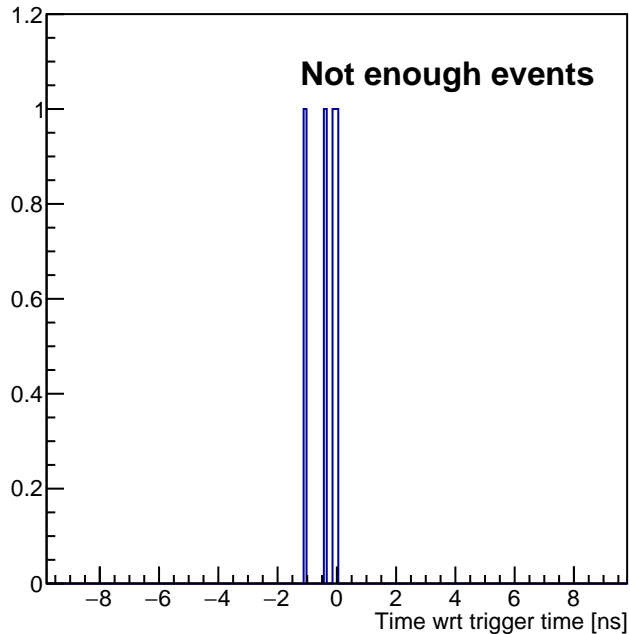
### Primitive time resolution 467



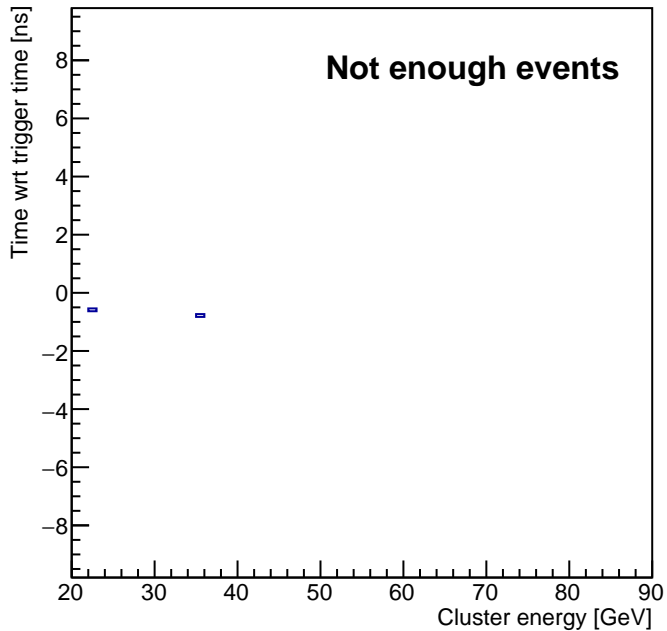
### Cluster time vs energy468



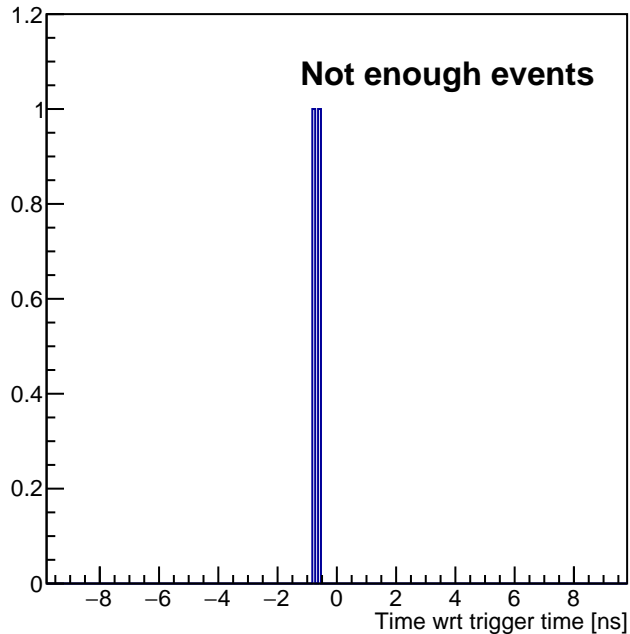
### Primitive time resolution 468



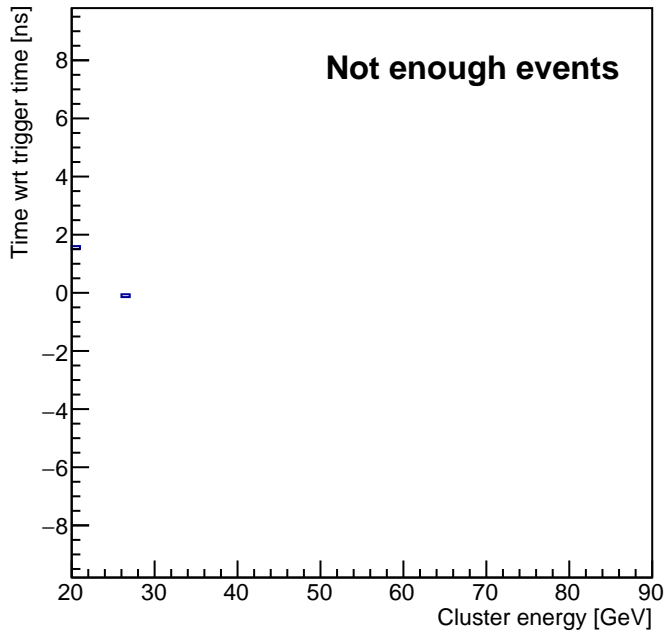
### Cluster time vs energy469



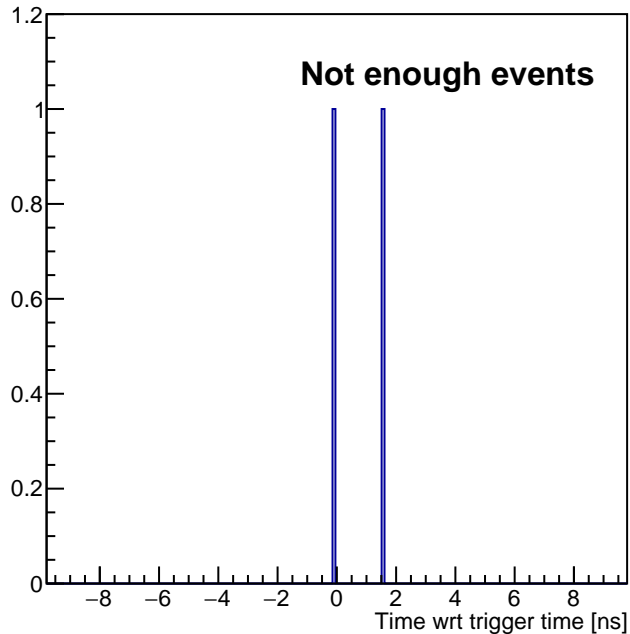
### Primitive time resolution 469



### Cluster time vs energy470

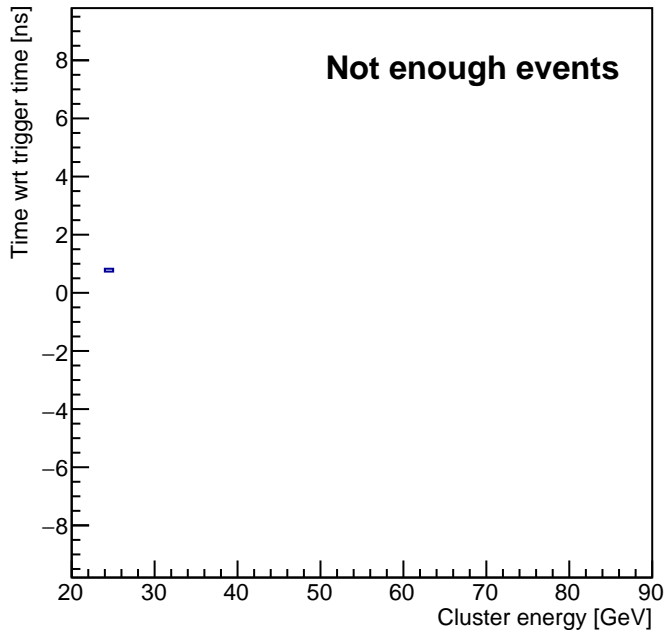


### Primitive time resolution 470

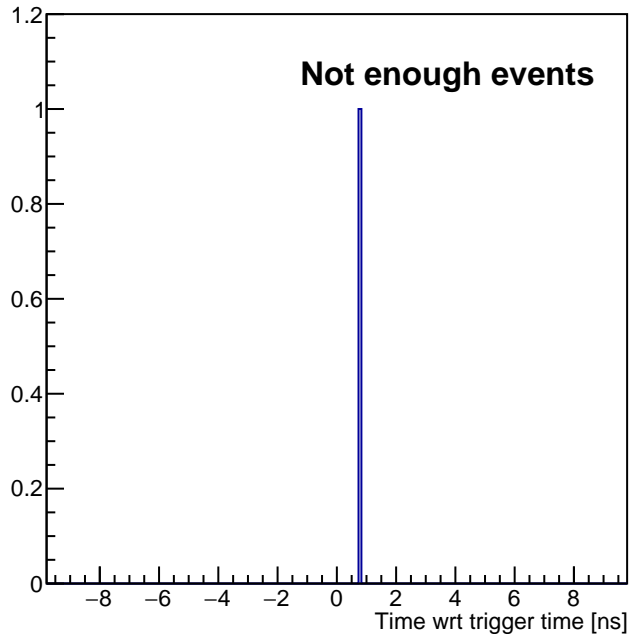




### Cluster time vs energy471



### Primitive time resolution 471



### Cluster time vs energy472



### Primitive time resolution 472



### Cluster time vs energy473



### Primitive time resolution 473



Cluster time vs energy474



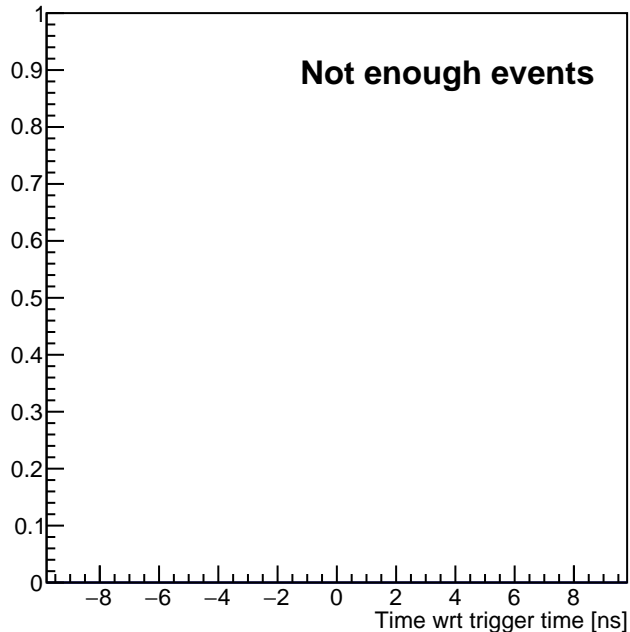
Primitive time resolution 474



### Cluster time vs energy477



### Primitive time resolution 477



### Cluster time vs energy478



### Primitive time resolution 478



### Cluster time vs energy479



### Primitive time resolution 479



### Cluster time vs energy480



### Primitive time resolution 480





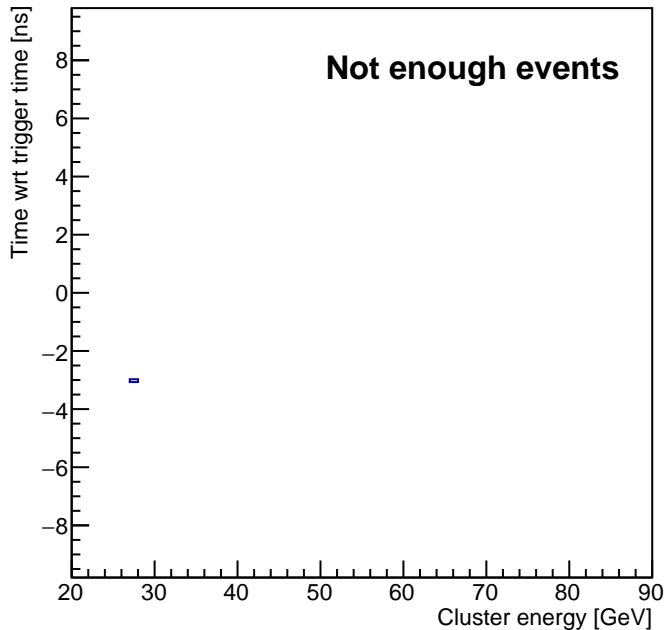
Cluster time vs energy481



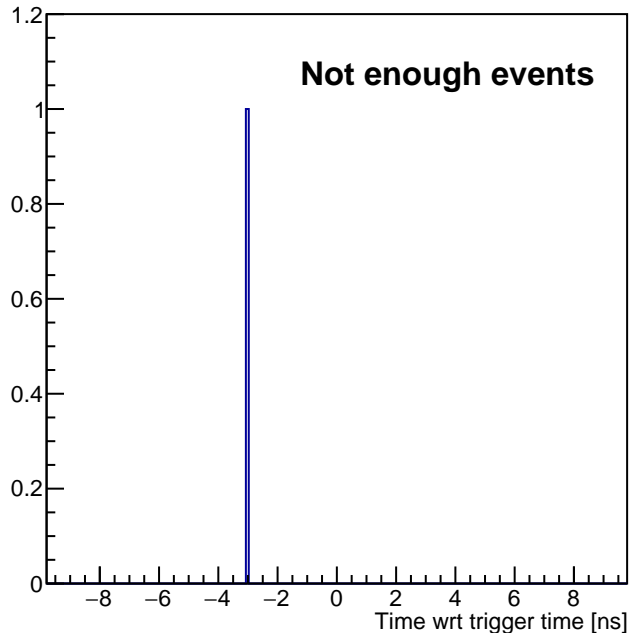
Primitive time resolution 481



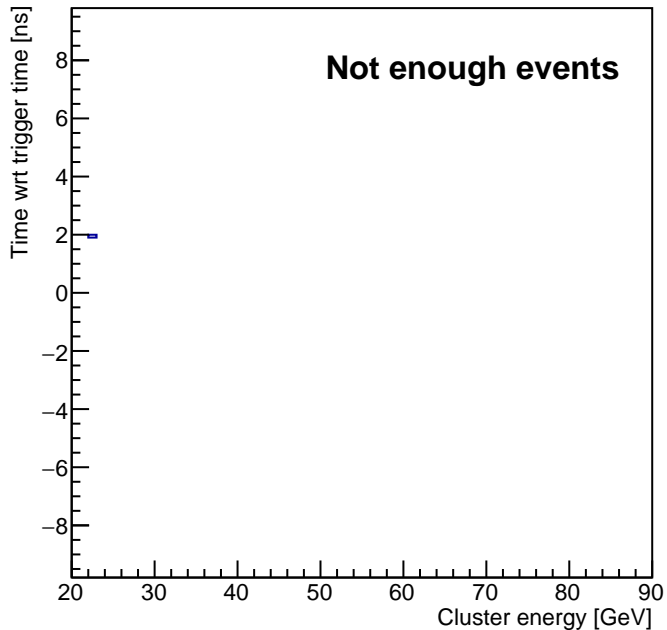
### Cluster time vs energy482



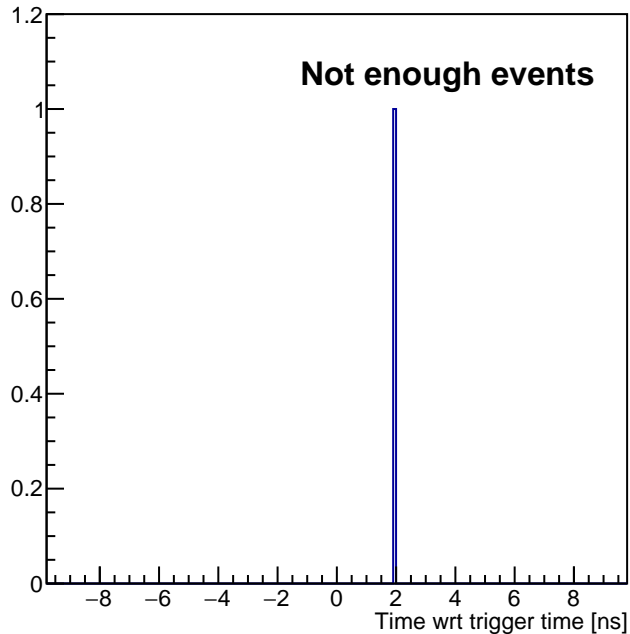
### Primitive time resolution 482



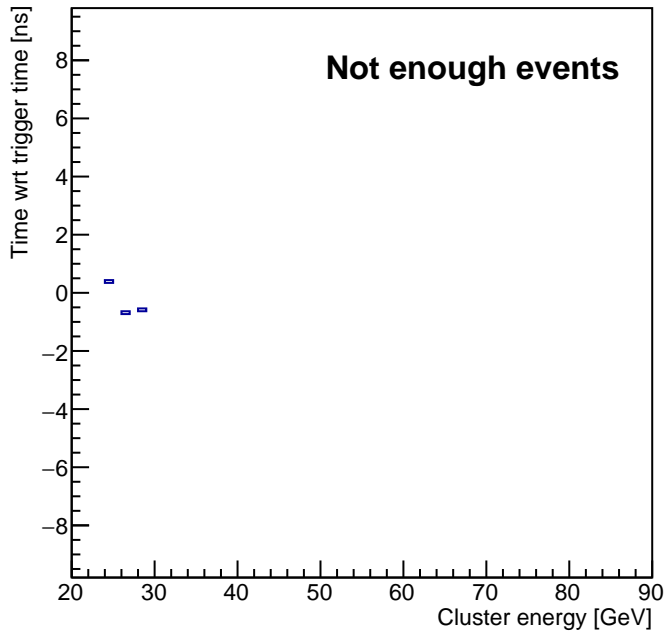
### Cluster time vs energy483



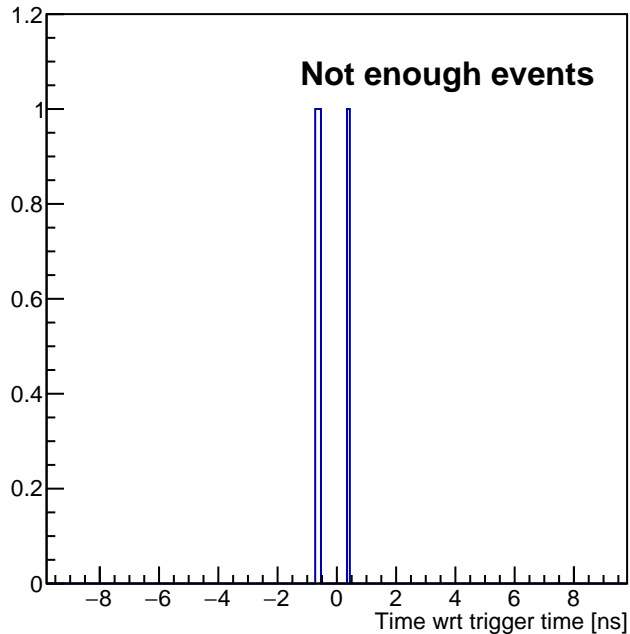
### Primitive time resolution 483



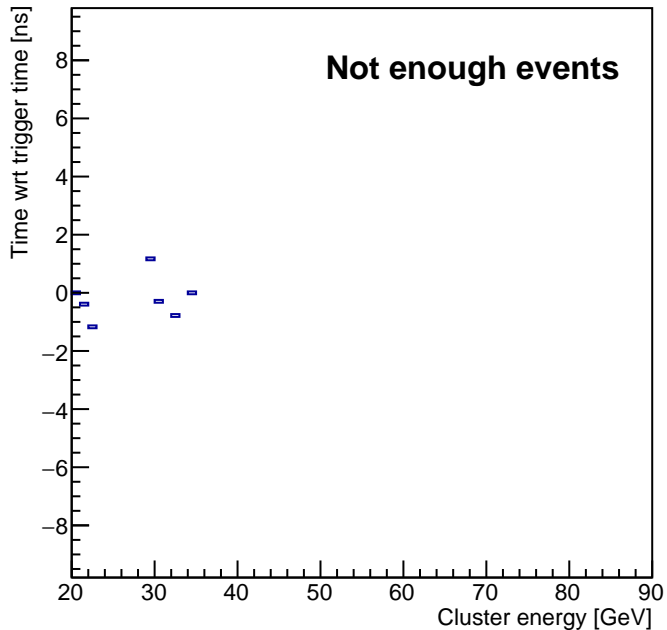
### Cluster time vs energy484



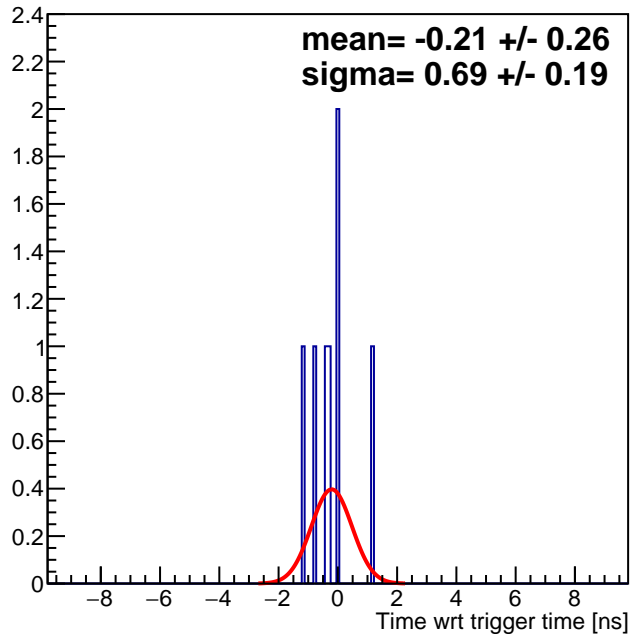
### Primitive time resolution 484



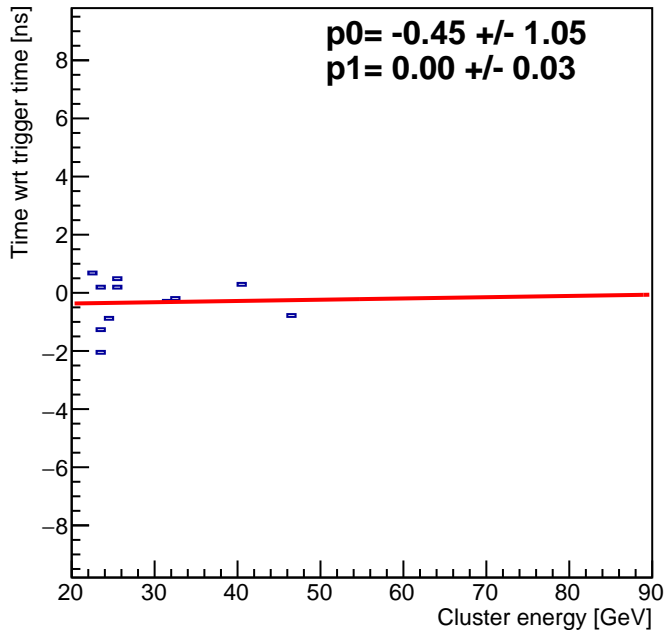
### Cluster time vs energy485



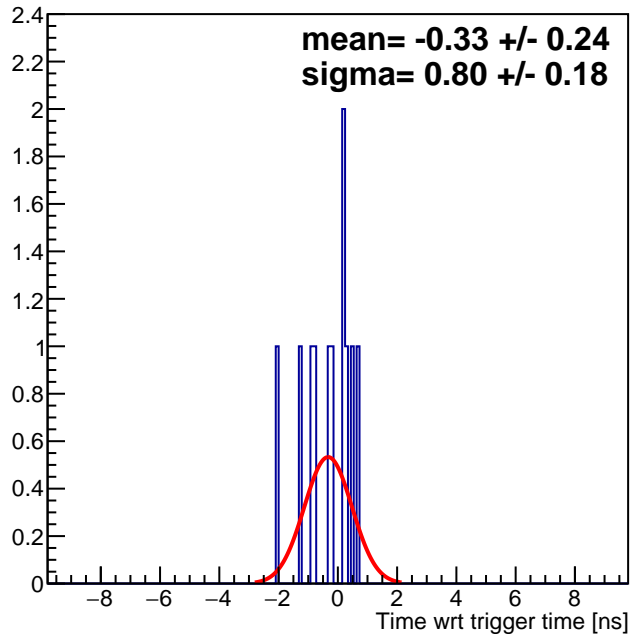
### Primitive time resolution 485



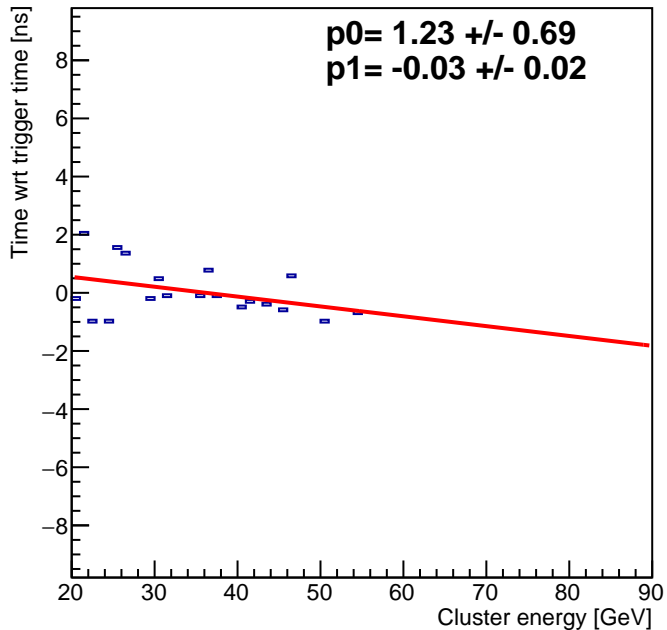
### Cluster time vs energy486



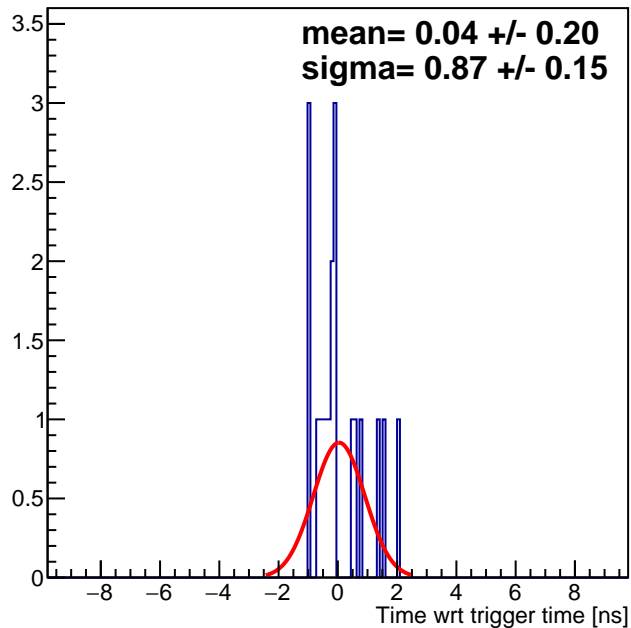
### Primitive time resolution 486



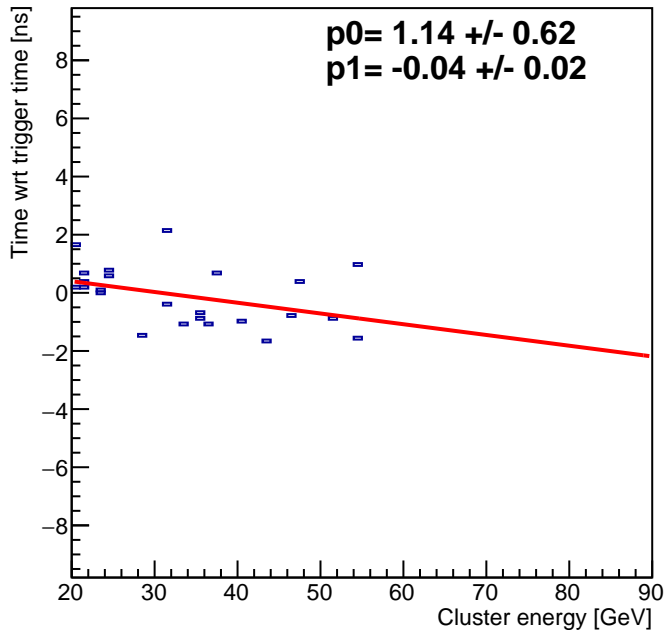
### Cluster time vs energy487



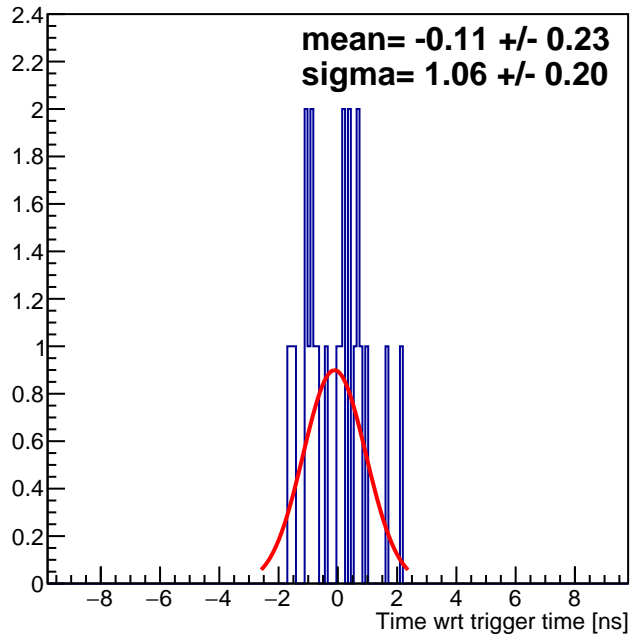
### Primitive time resolution 487



### Cluster time vs energy488

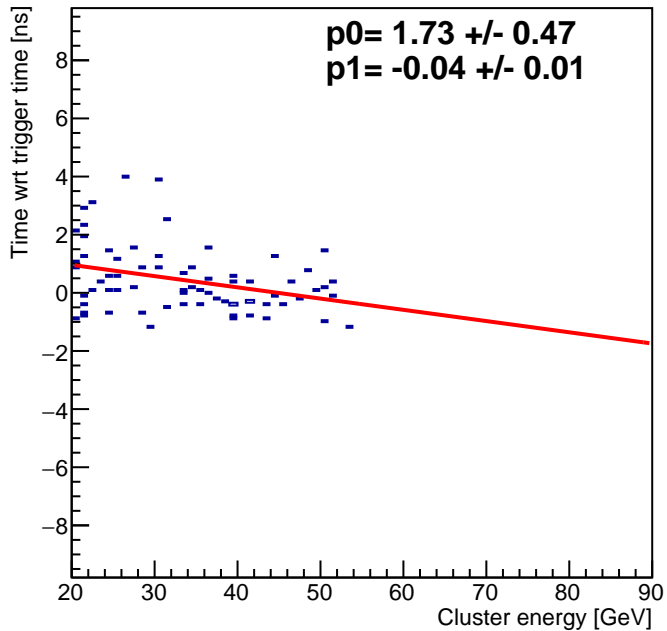


### Primitive time resolution 488

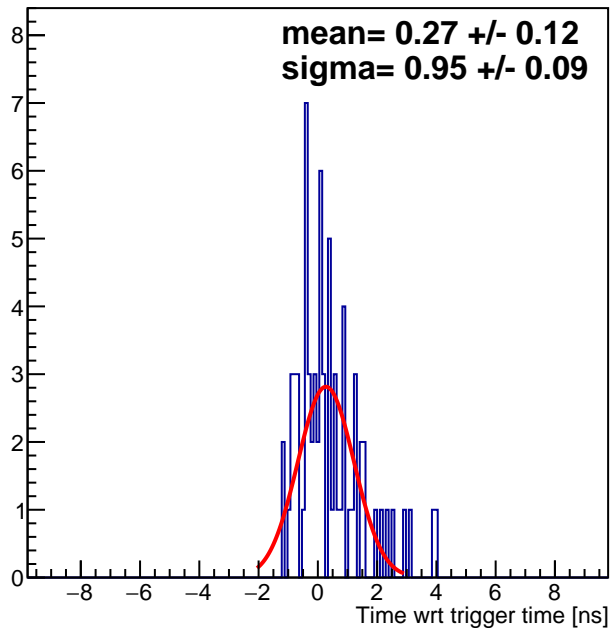




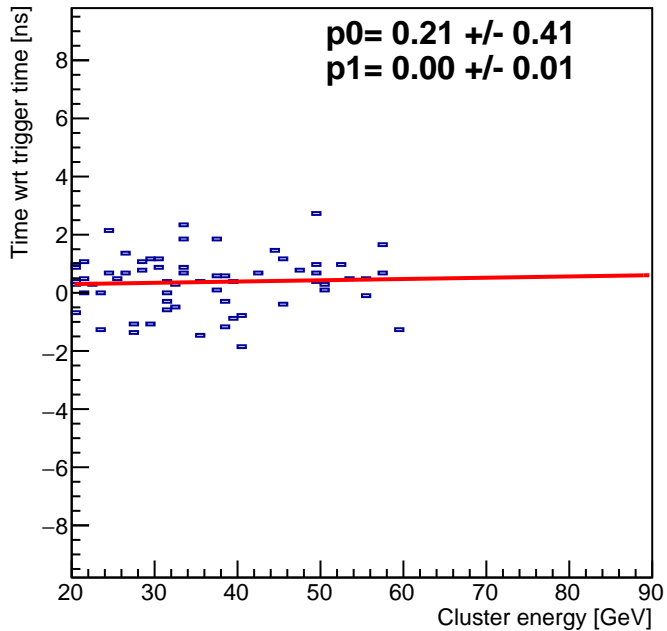
### Cluster time vs energy489



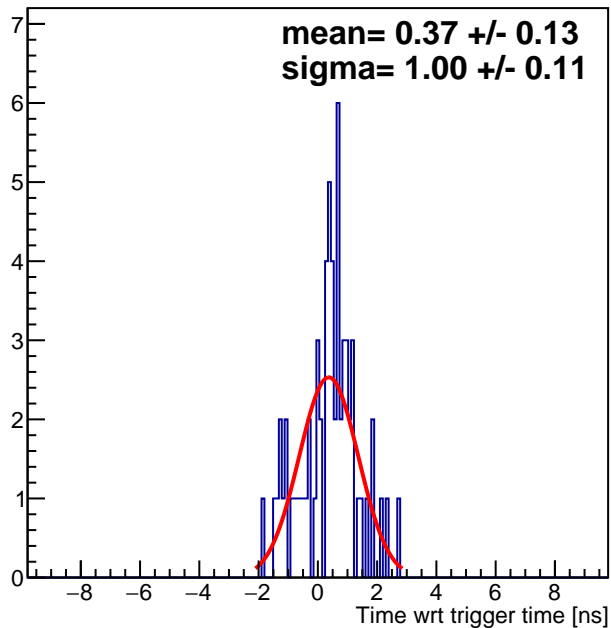
### Primitive time resolution 489



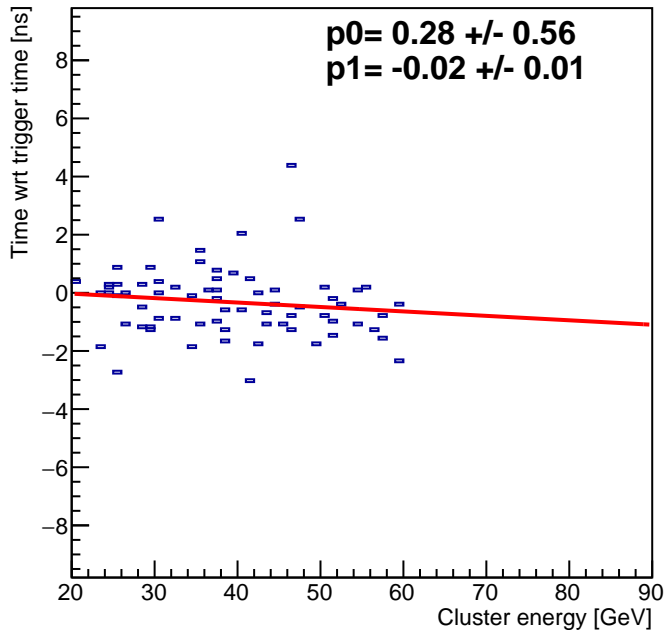
### Cluster time vs energy490



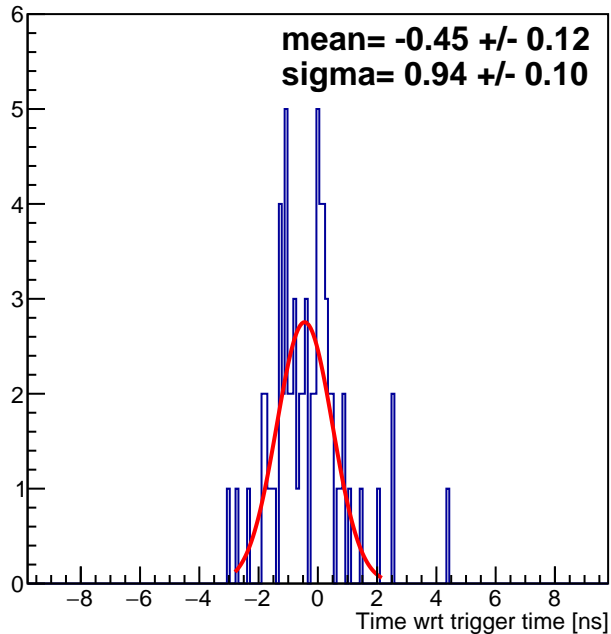
### Primitive time resolution 490



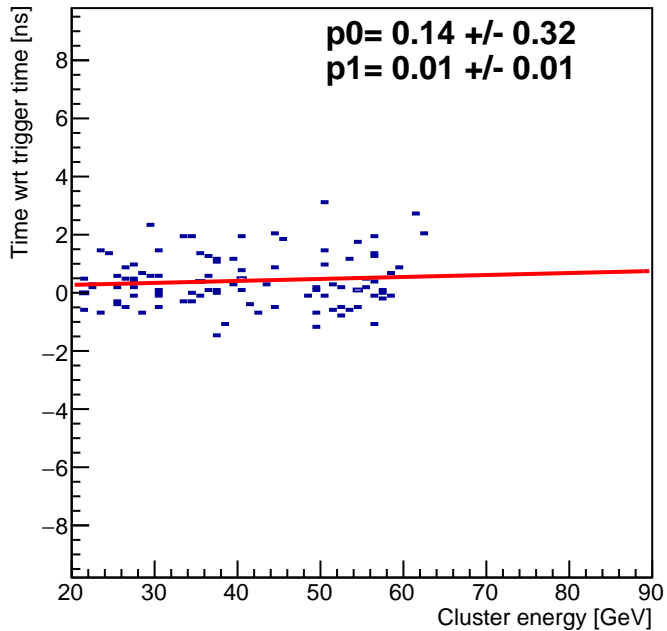
### Cluster time vs energy491



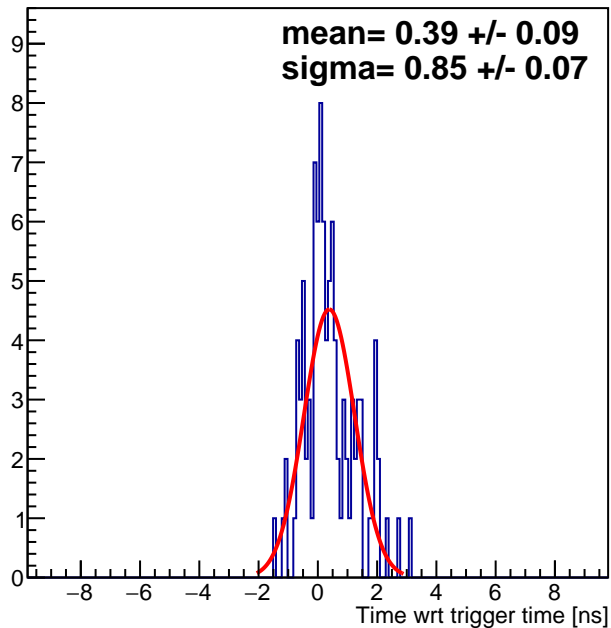
### Primitive time resolution 491



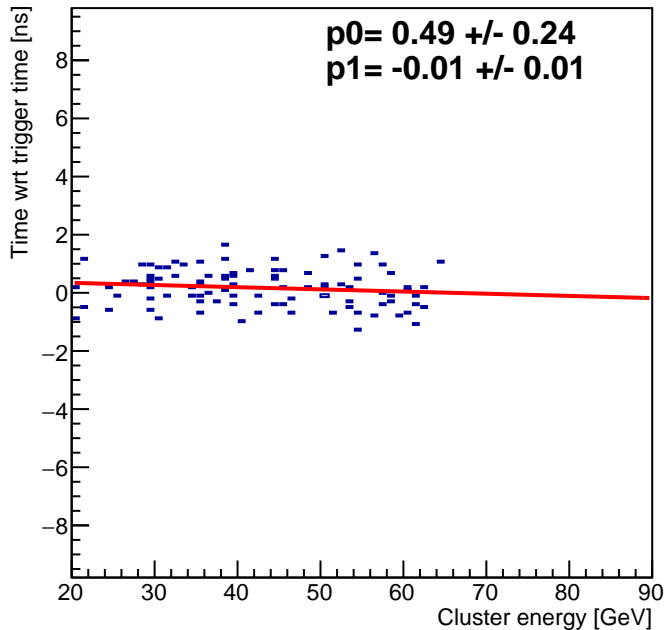
### Cluster time vs energy492



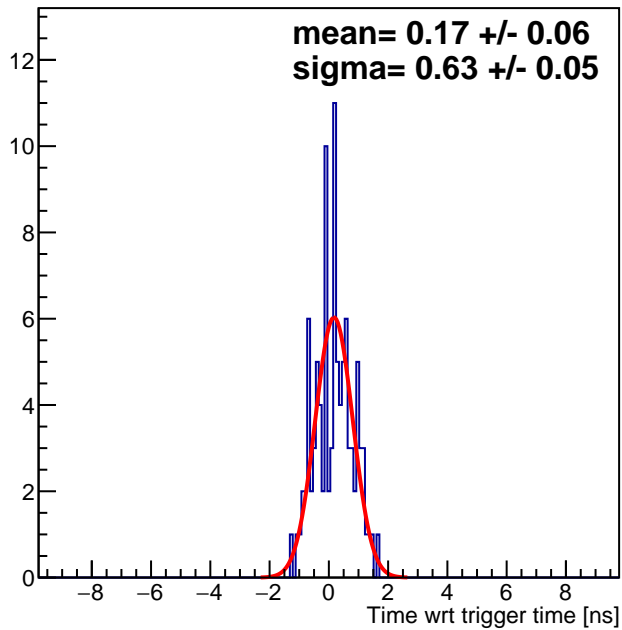
### Primitive time resolution 492



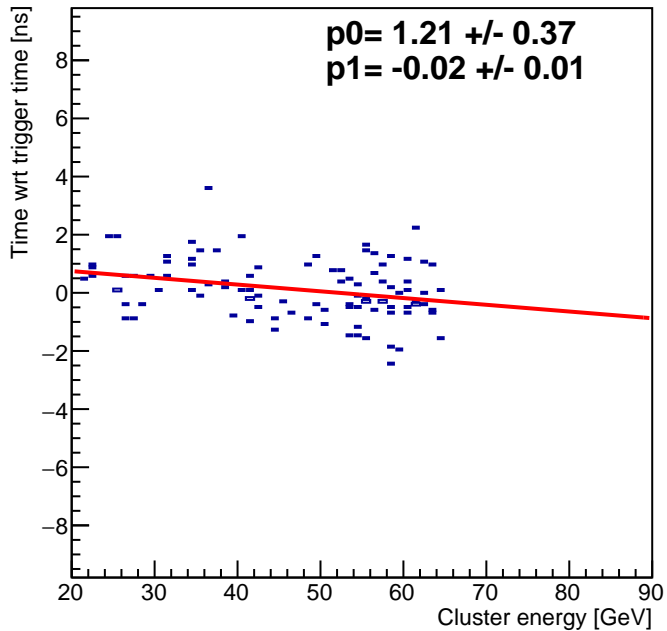
### Cluster time vs energy493



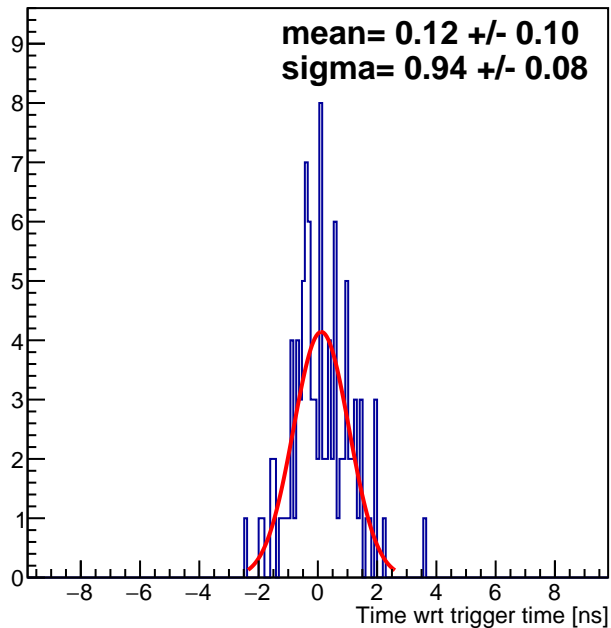
### Primitive time resolution 493



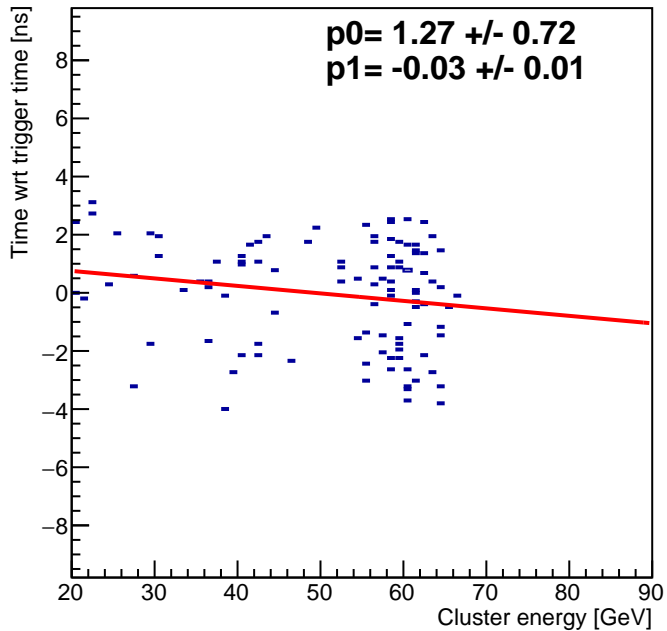
### Cluster time vs energy494



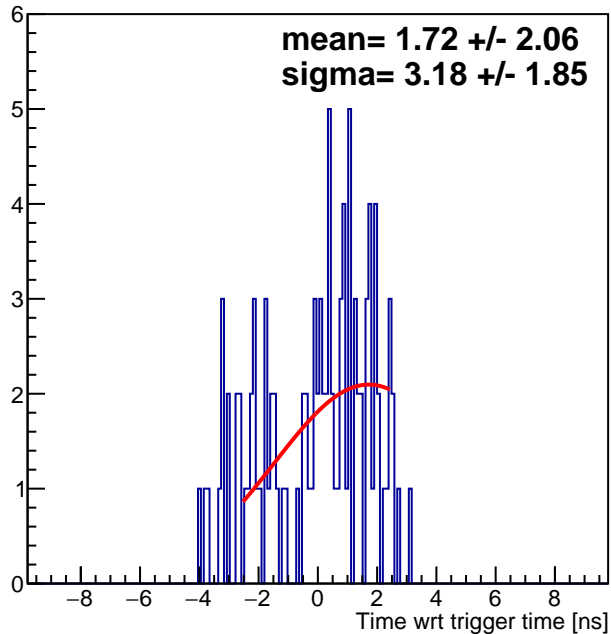
### Primitive time resolution 494



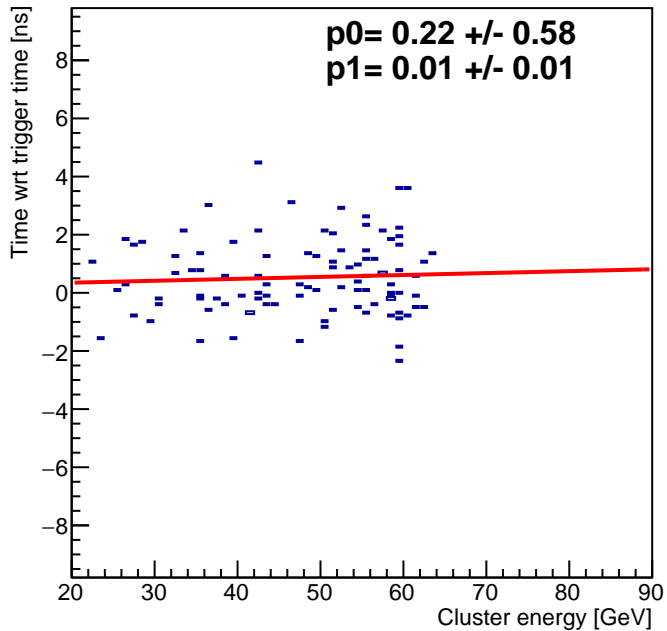
### Cluster time vs energy495



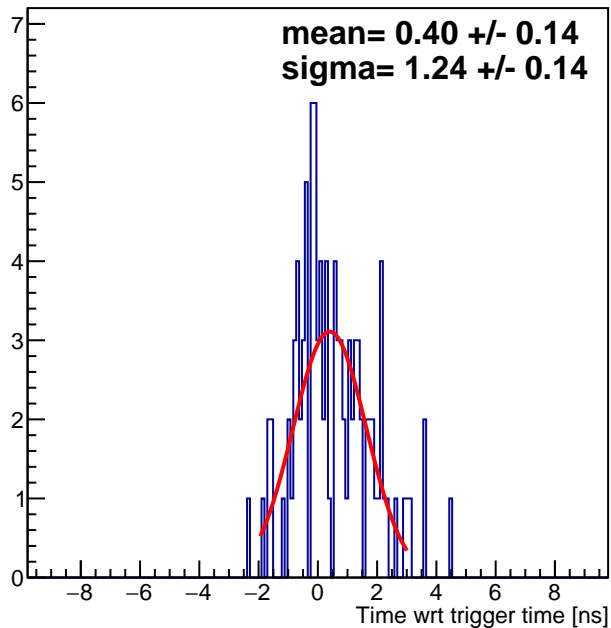
### Primitive time resolution 495



### Cluster time vs energy496

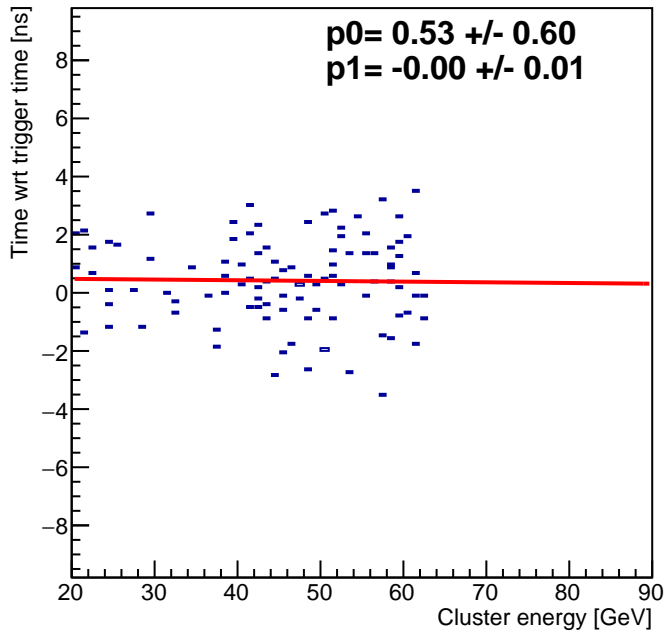


### Primitive time resolution 496

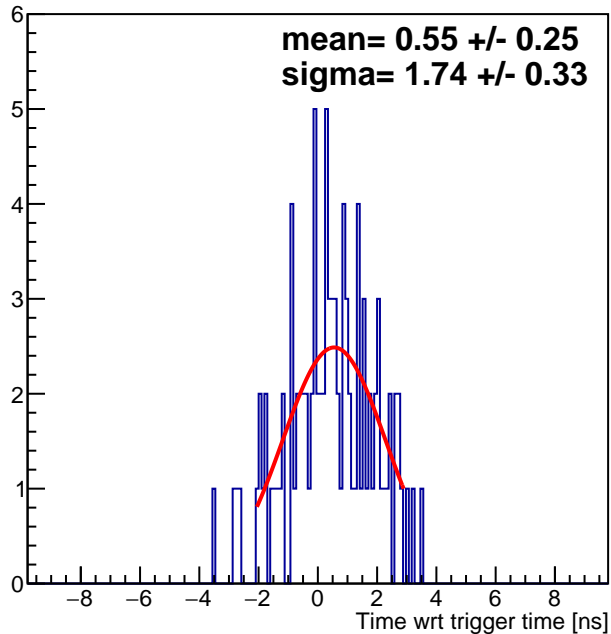




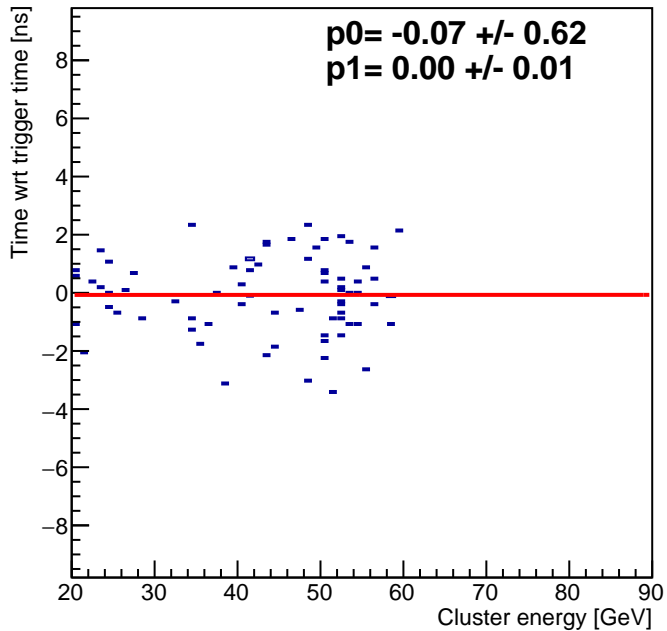
### Cluster time vs energy497



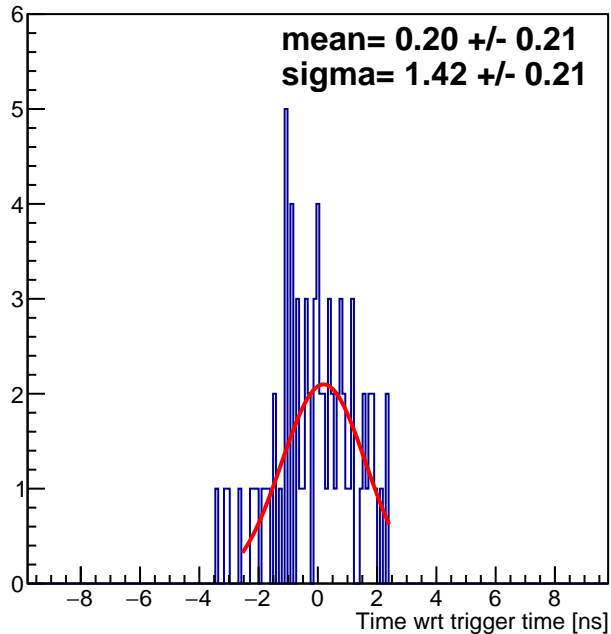
### Primitive time resolution 497



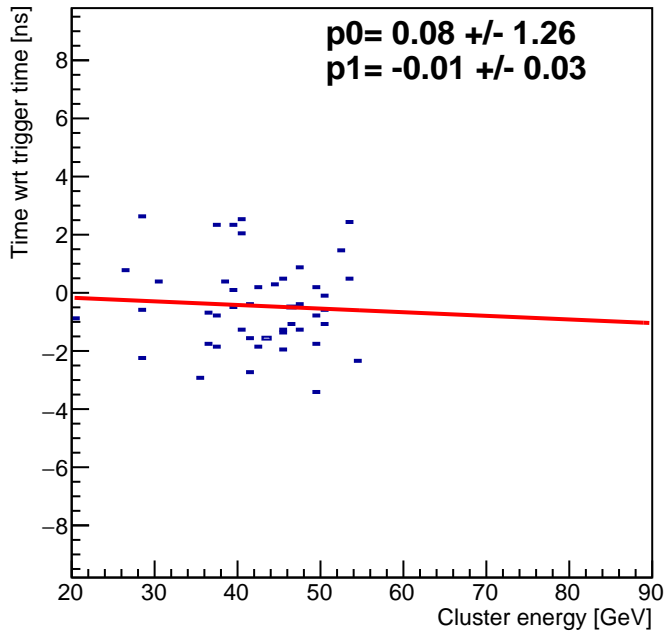
### Cluster time vs energy498



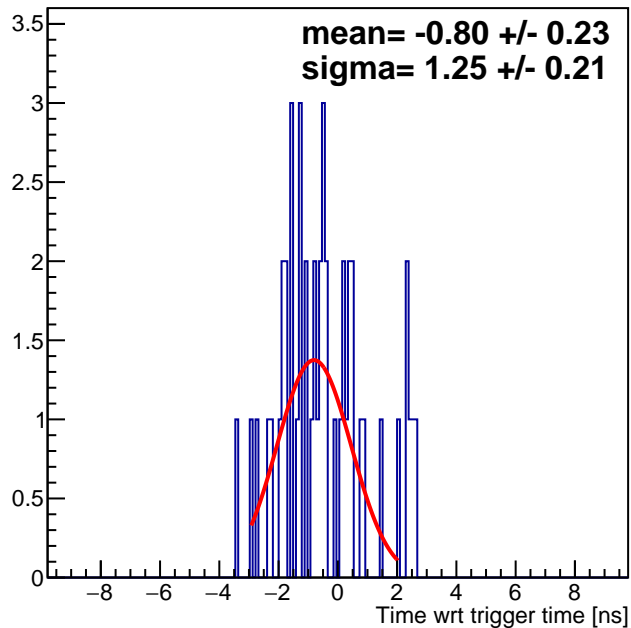
### Primitive time resolution 498



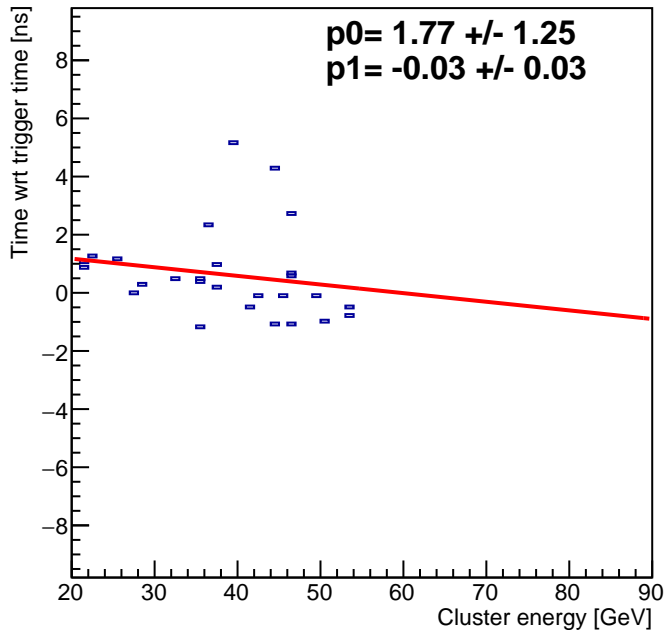
### Cluster time vs energy499



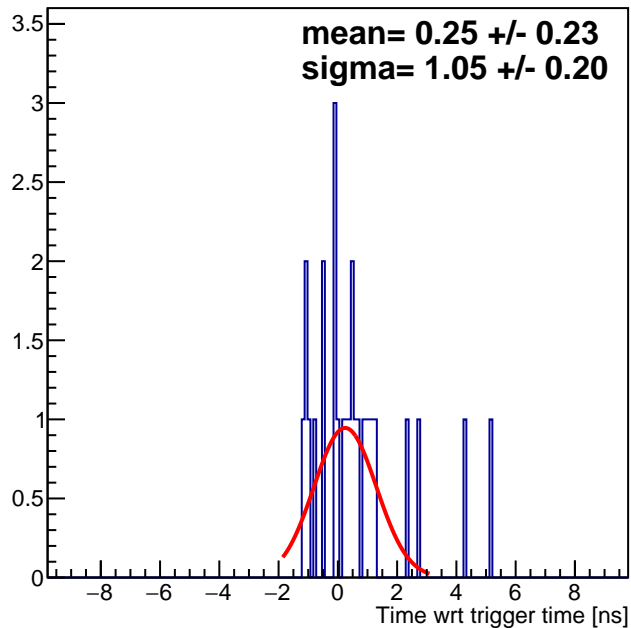
### Primitive time resolution 499



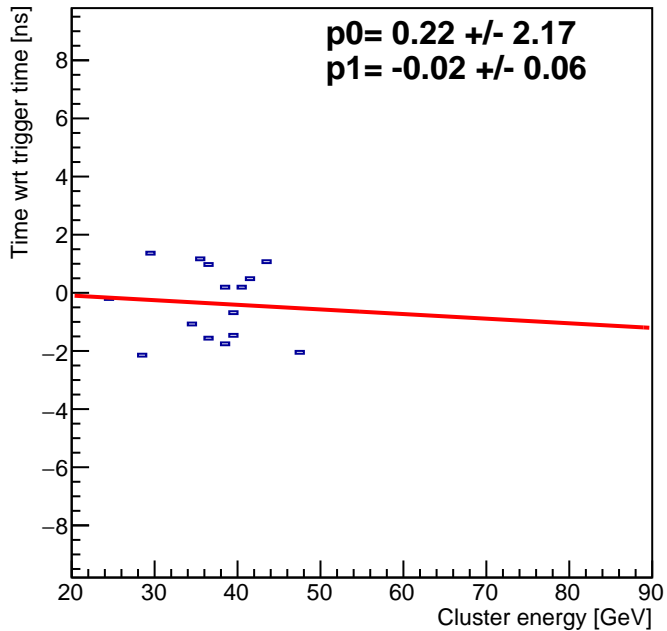
### Cluster time vs energy500



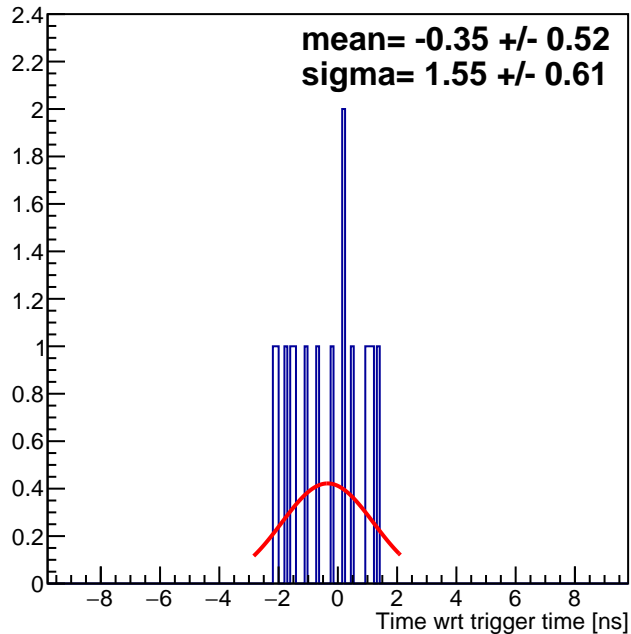
### Primitive time resolution 500



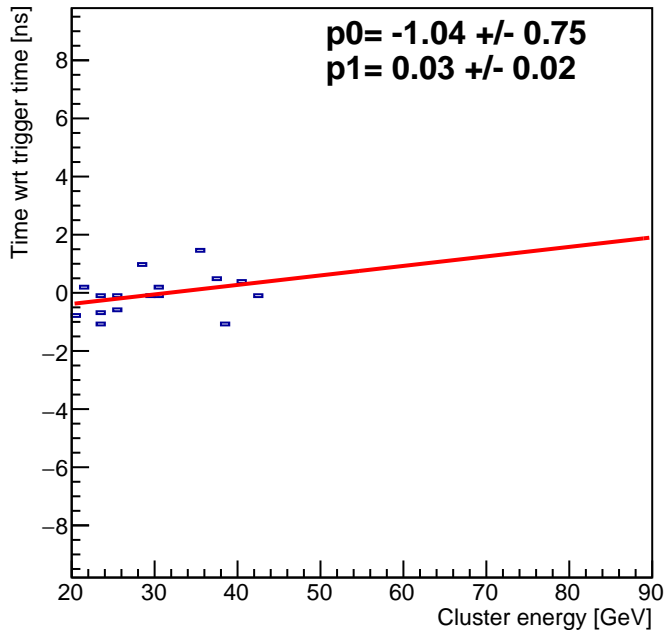
### Cluster time vs energy501



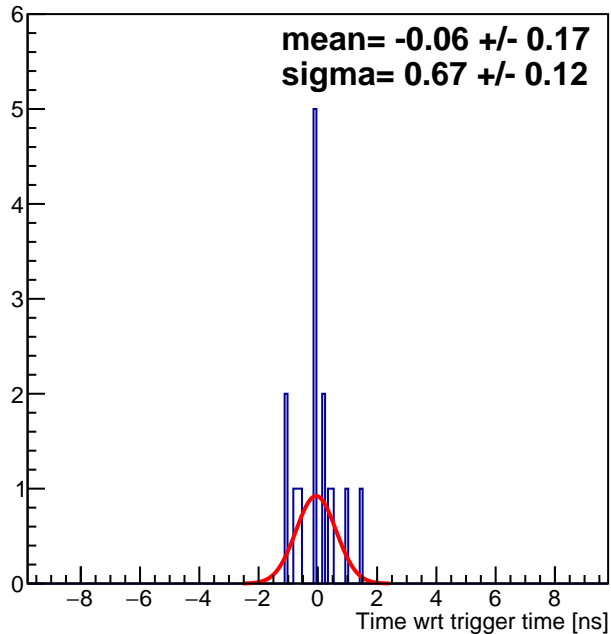
### Primitive time resolution 501



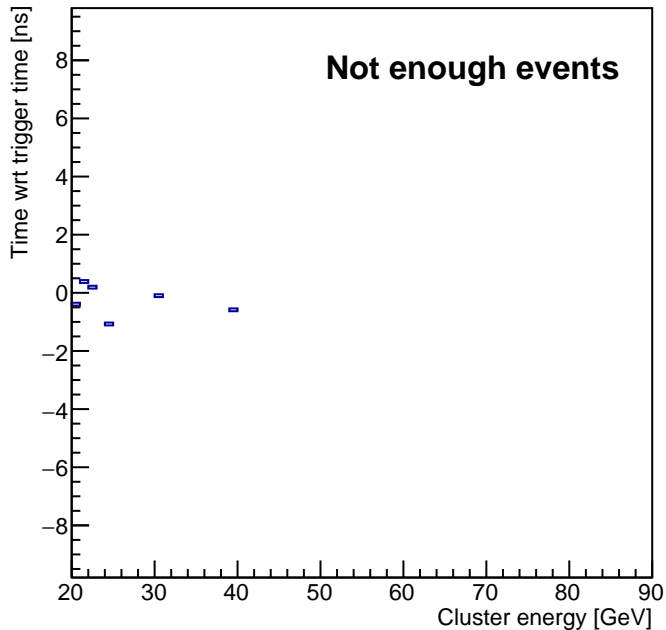
### Cluster time vs energy502



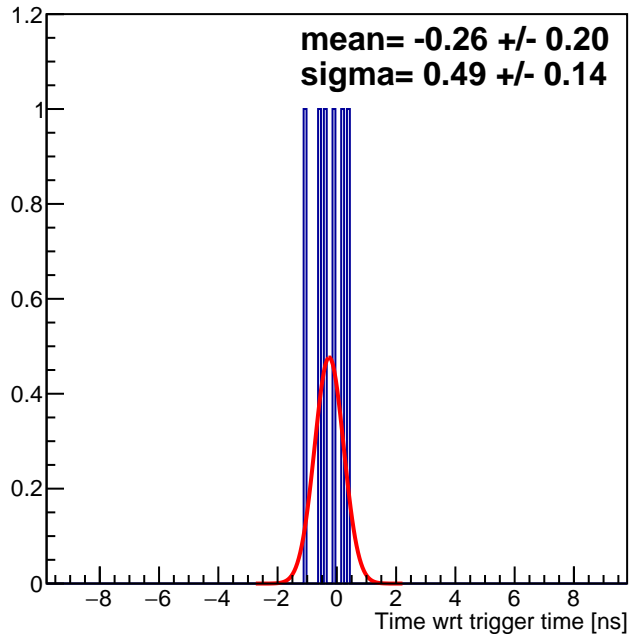
### Primitive time resolution 502



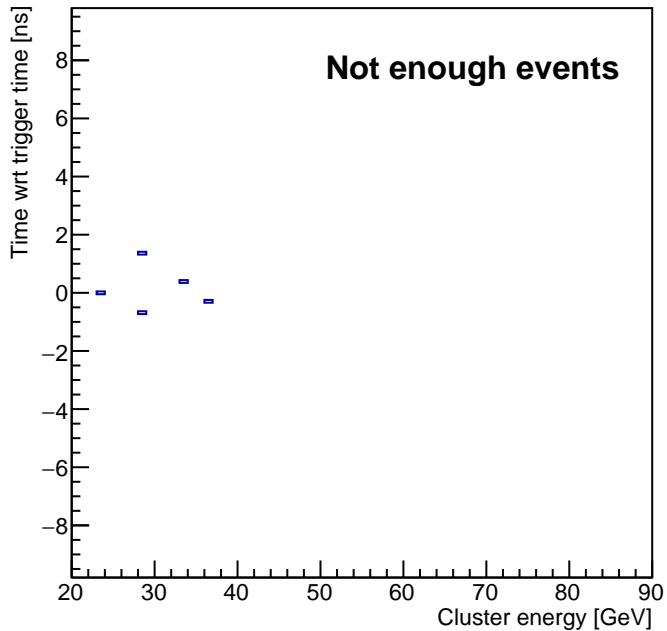
### Cluster time vs energy503



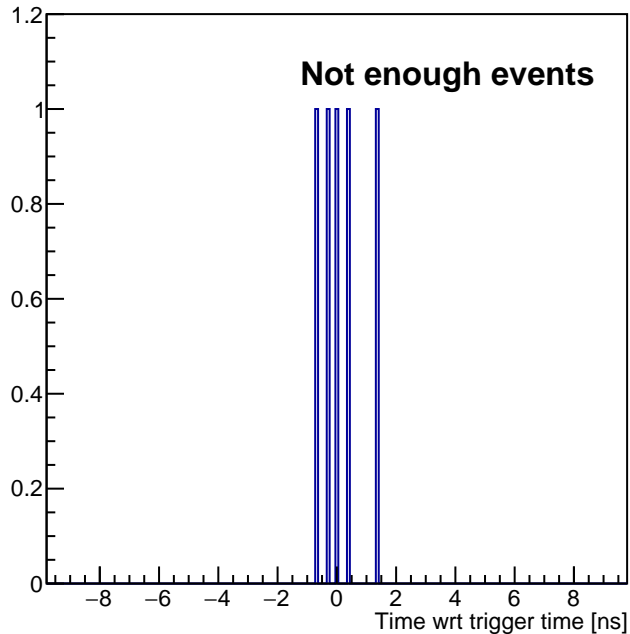
### Primitive time resolution 503



### Cluster time vs energy504

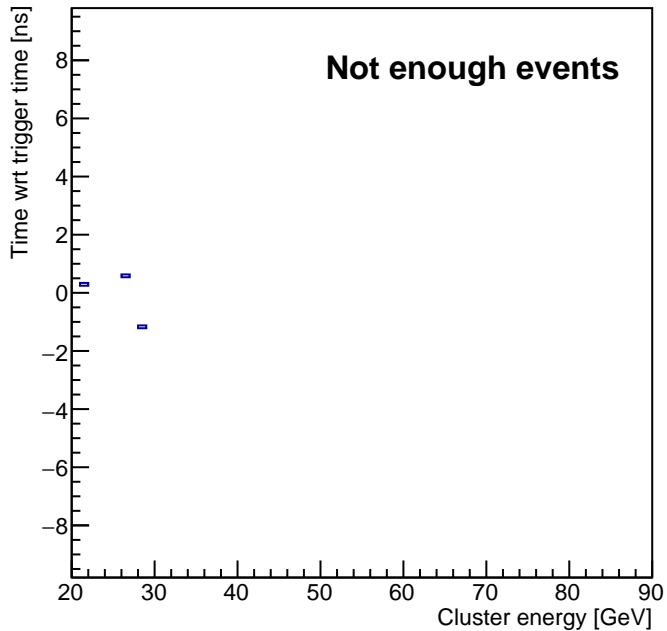


### Primitive time resolution 504

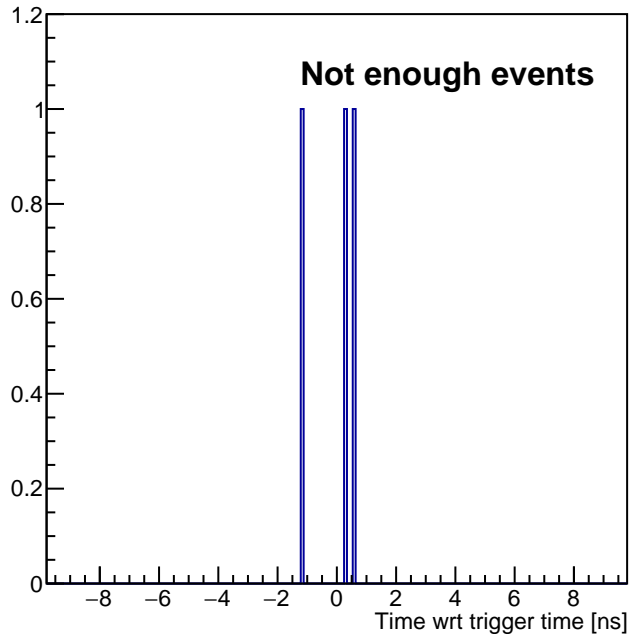




### Cluster time vs energy505



### Primitive time resolution 505



### Cluster time vs energy506



### Primitive time resolution 506



### Cluster time vs energy507



### Primitive time resolution 507



### Cluster time vs energy508



### Primitive time resolution 508



### Cluster time vs energy511



### Primitive time resolution 511



### Cluster time vs energy512



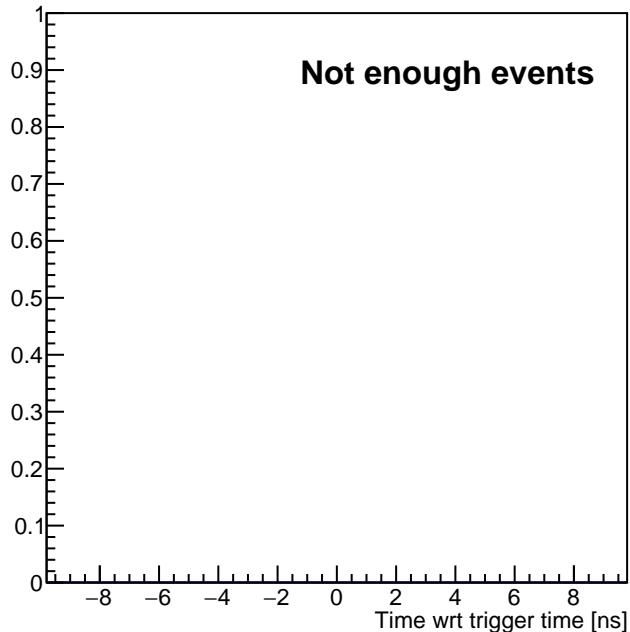
### Primitive time resolution 512



### Cluster time vs energy513



### Primitive time resolution 513



### Cluster time vs energy514



### Primitive time resolution 514





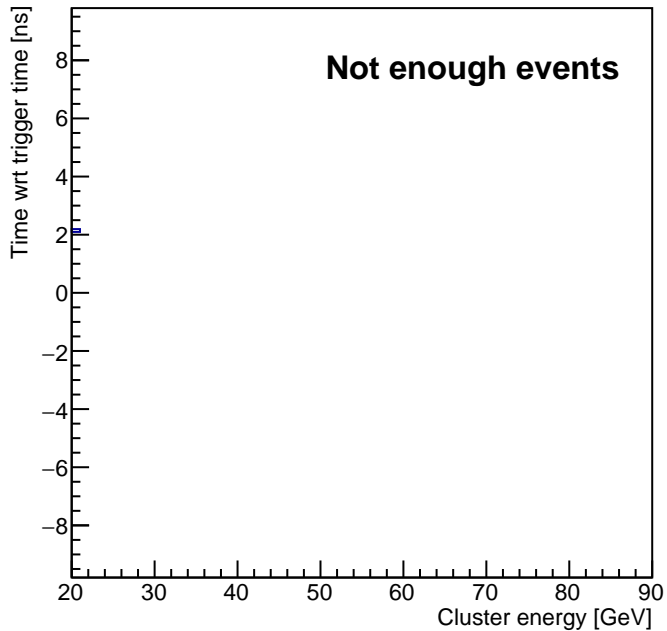
### Cluster time vs energy515



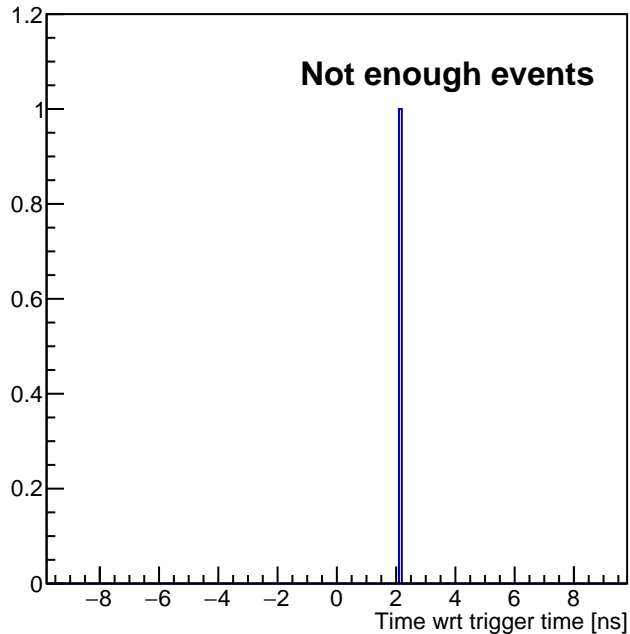
### Primitive time resolution 515



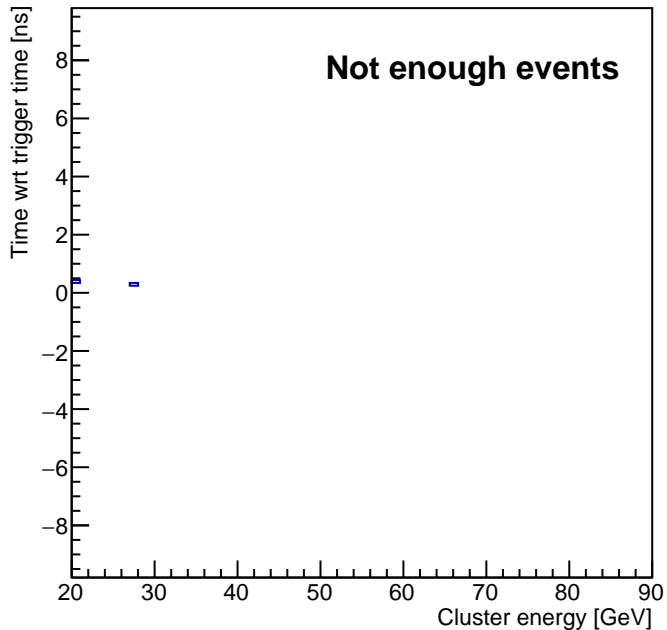
### Cluster time vs energy516



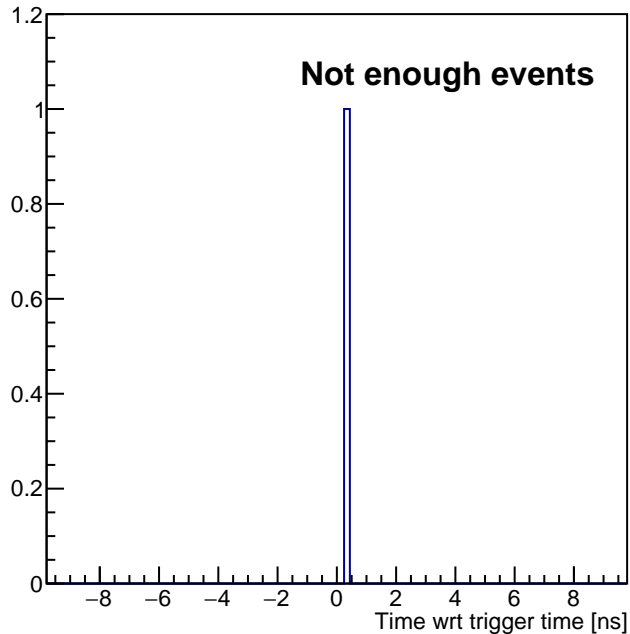
### Primitive time resolution 516



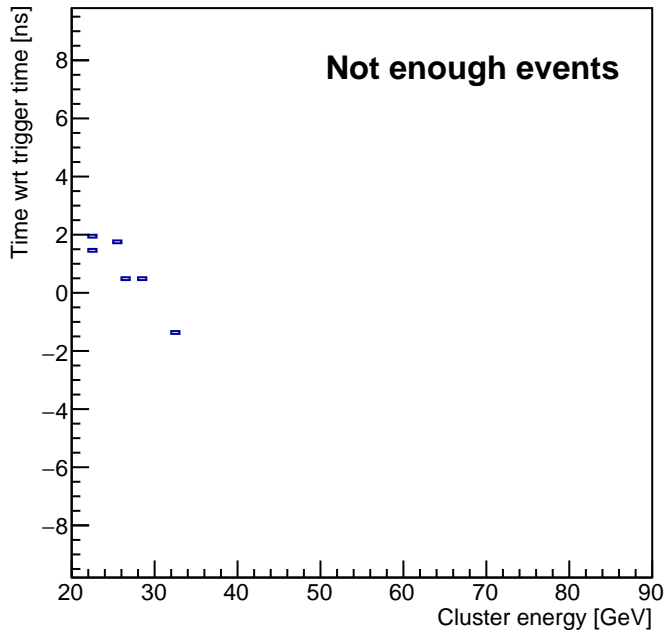
### Cluster time vs energy517



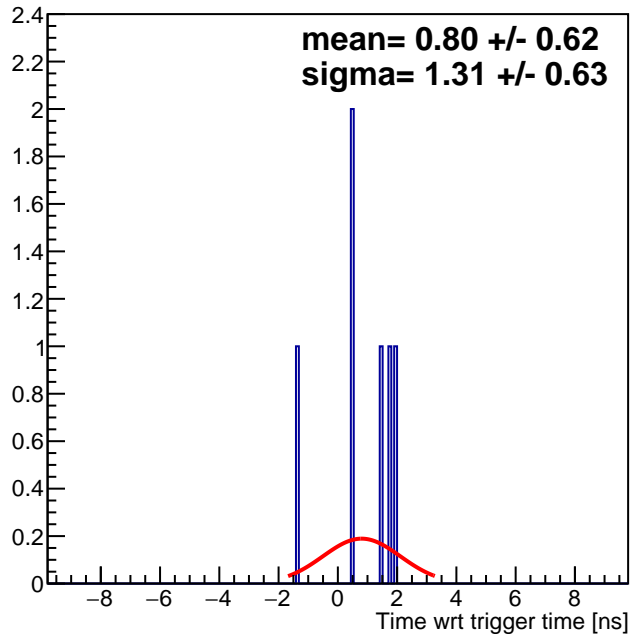
### Primitive time resolution 517



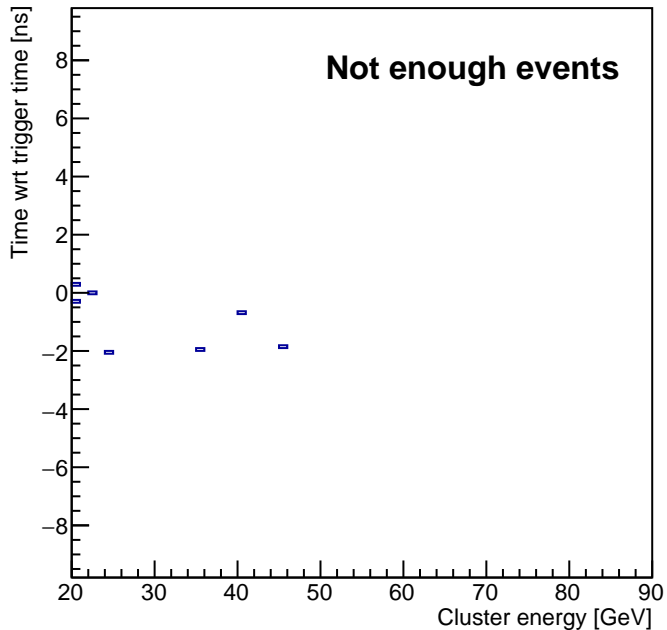
### Cluster time vs energy518



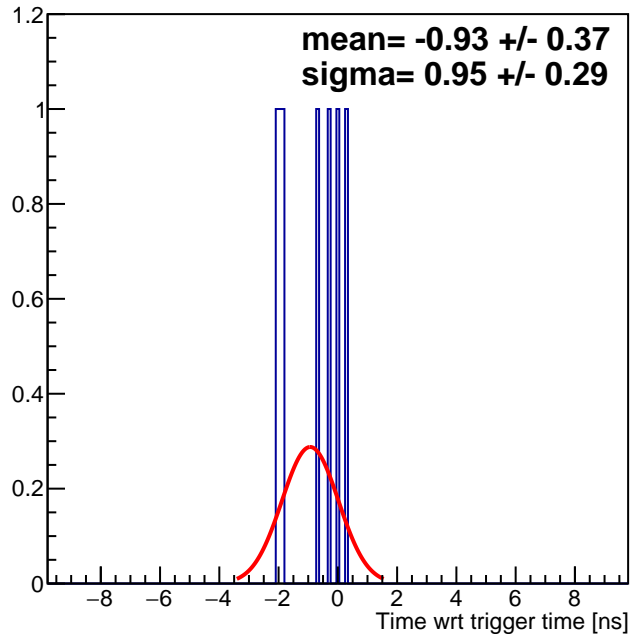
### Primitive time resolution 518



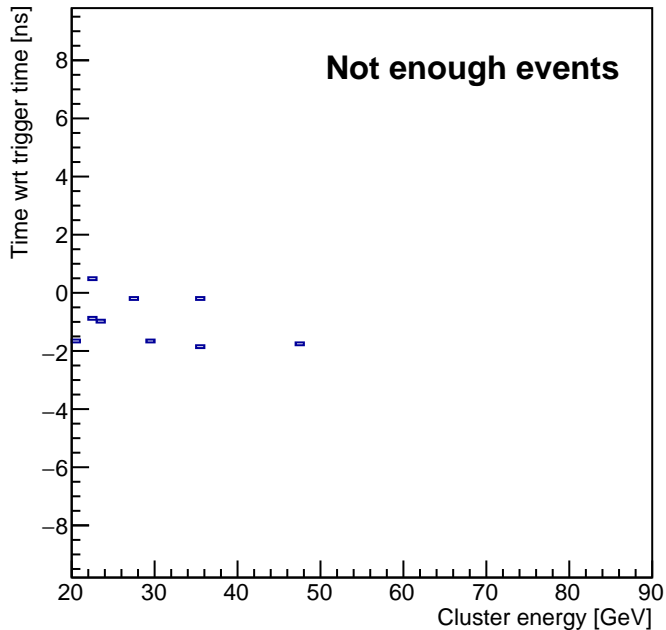
### Cluster time vs energy519



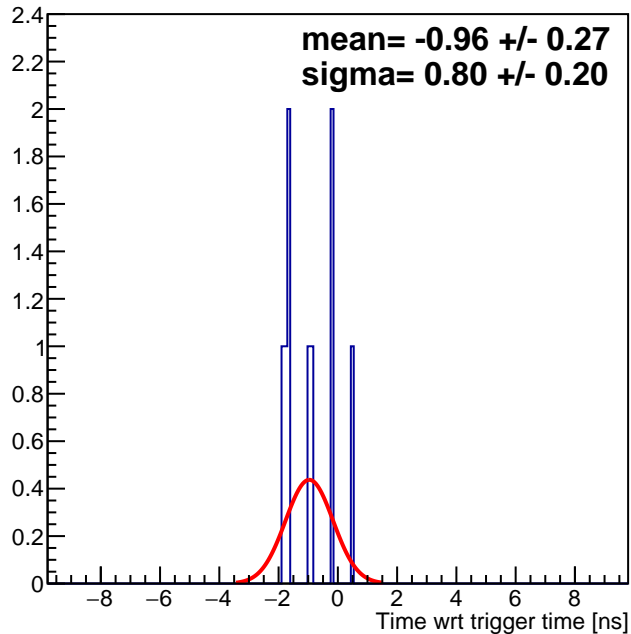
### Primitive time resolution 519



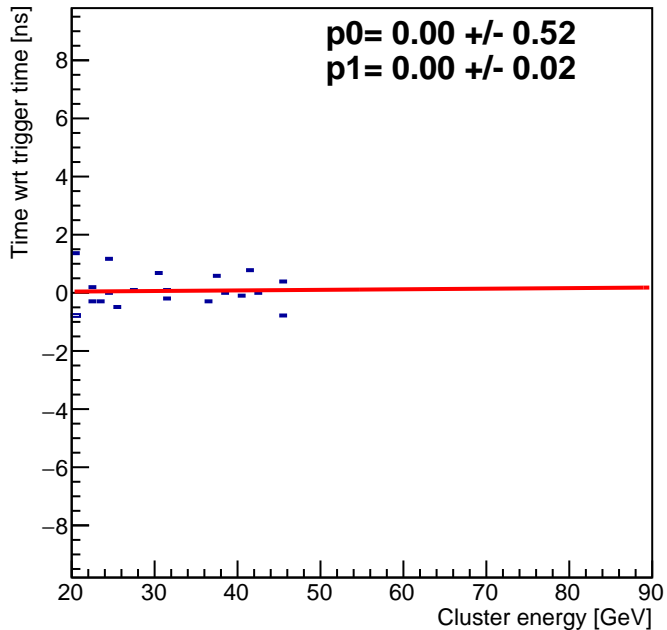
### Cluster time vs energy520



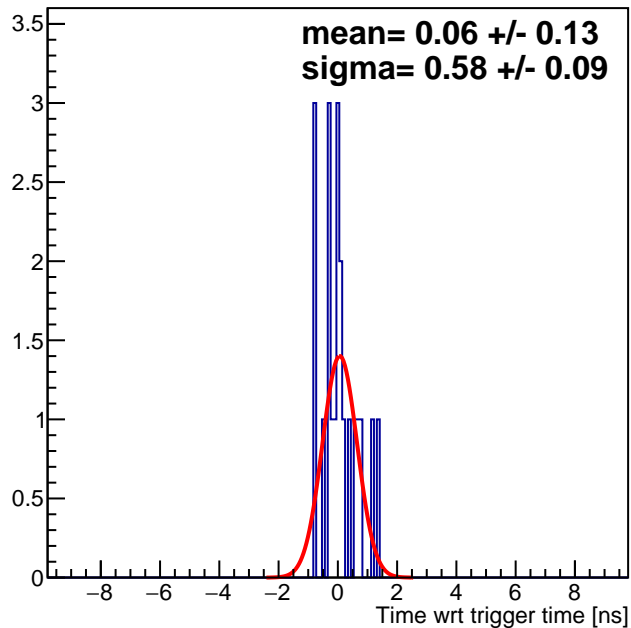
### Primitive time resolution 520



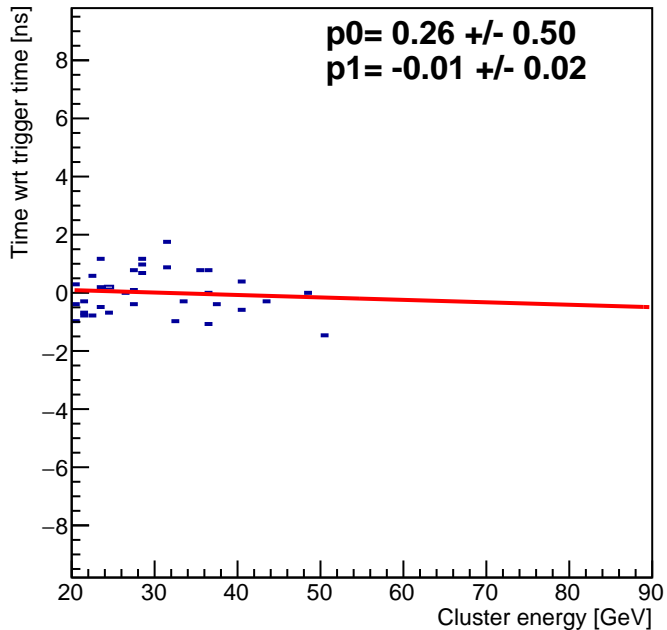
### Cluster time vs energy521



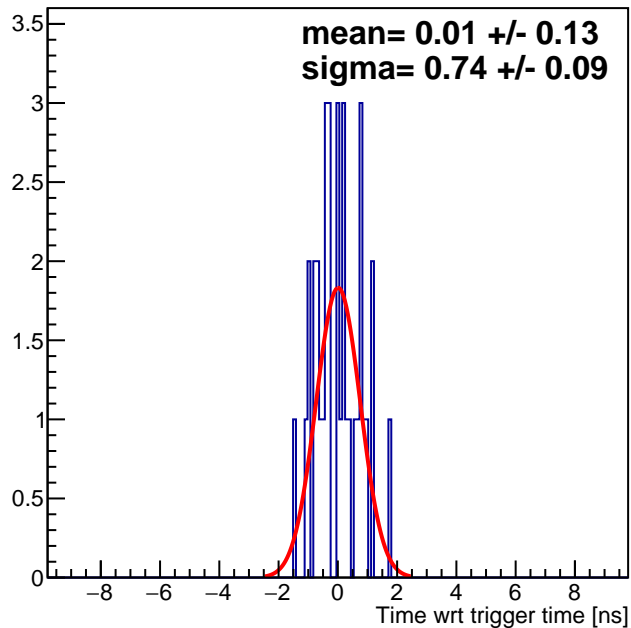
### Primitive time resolution 521



### Cluster time vs energy522

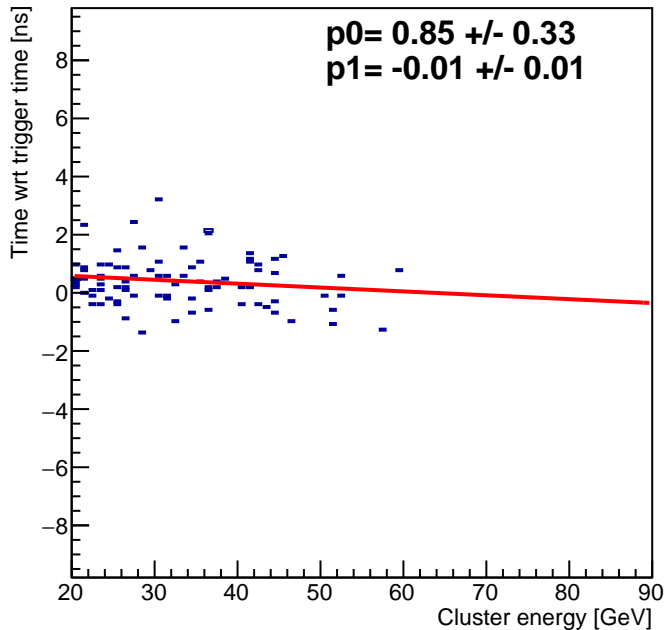


### Primitive time resolution 522

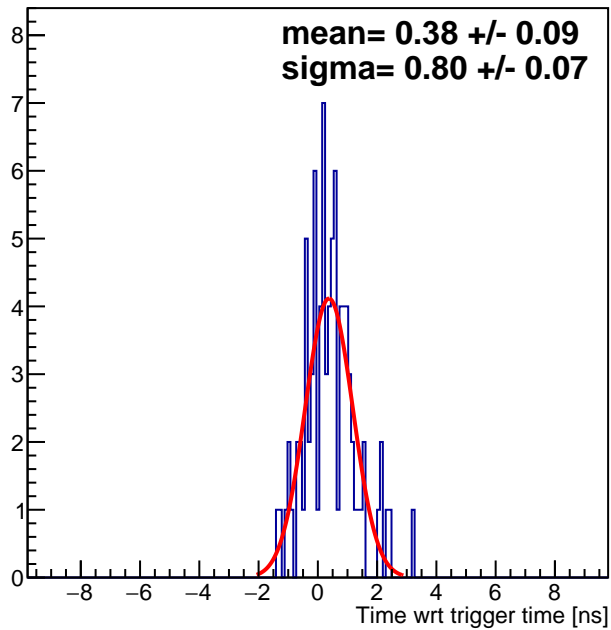




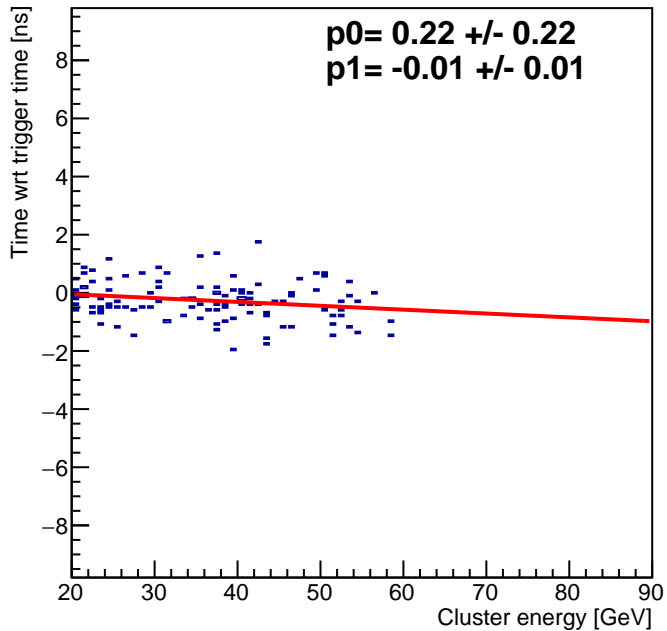
### Cluster time vs energy523



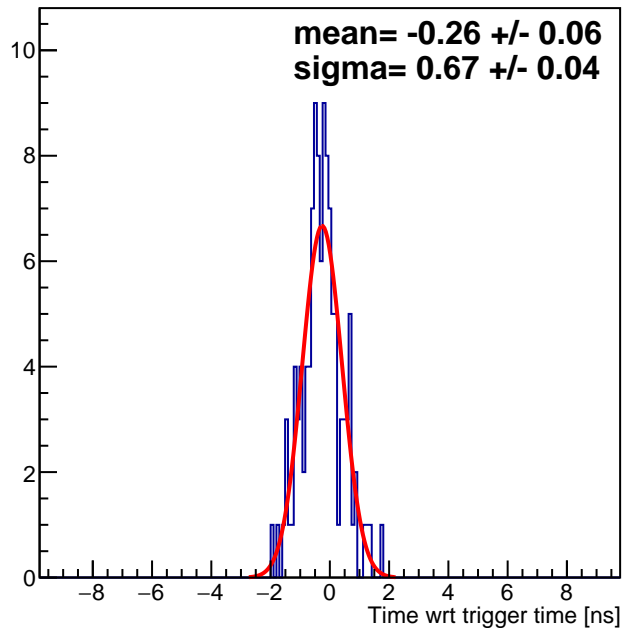
### Primitive time resolution 523



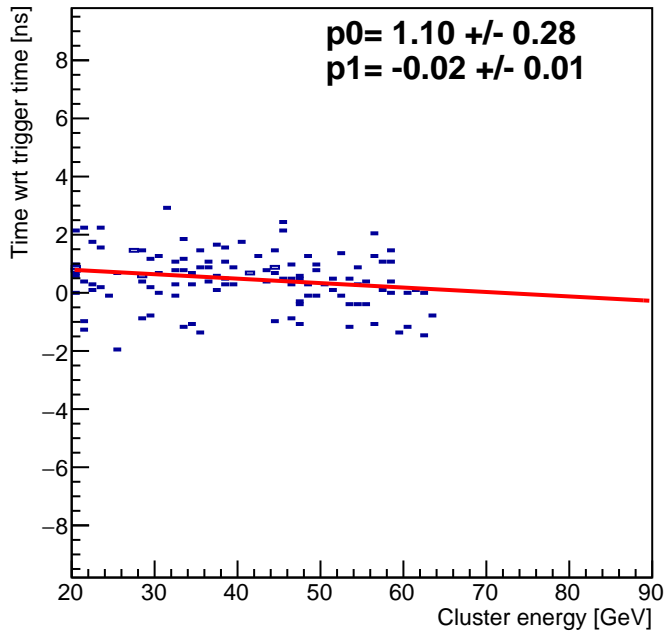
### Cluster time vs energy524



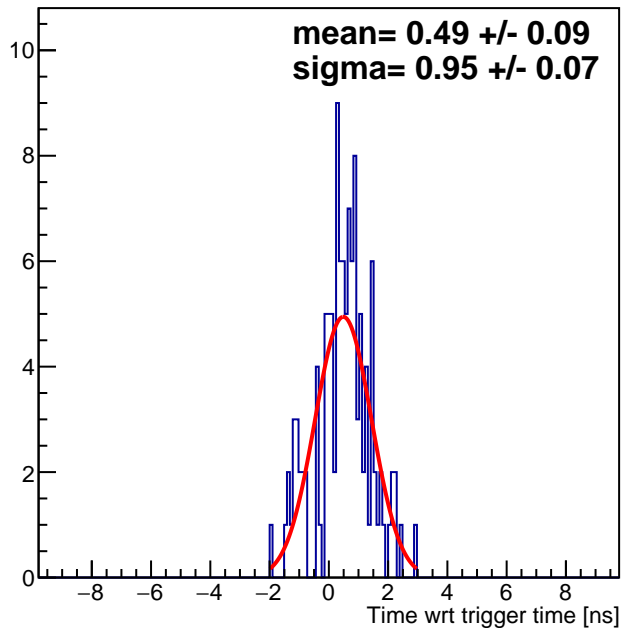
### Primitive time resolution 524



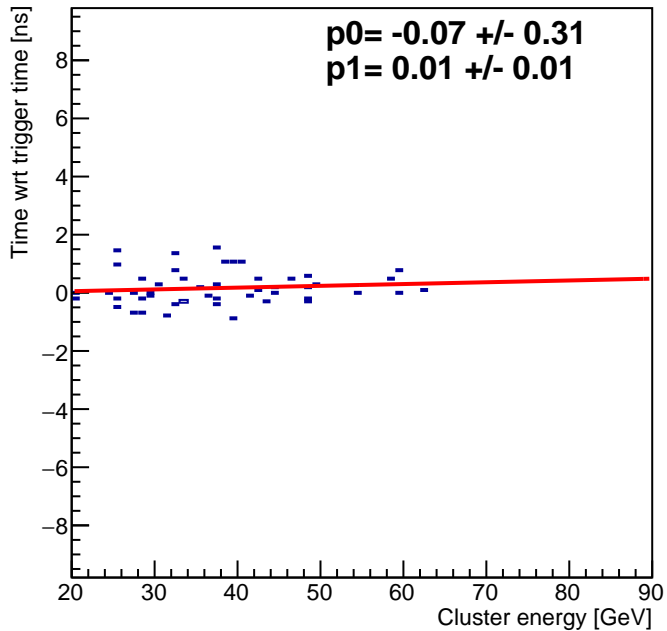
### Cluster time vs energy525



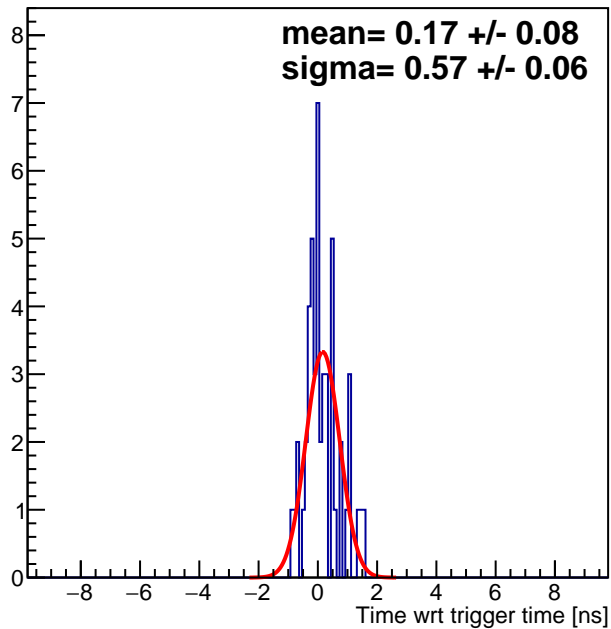
### Primitive time resolution 525



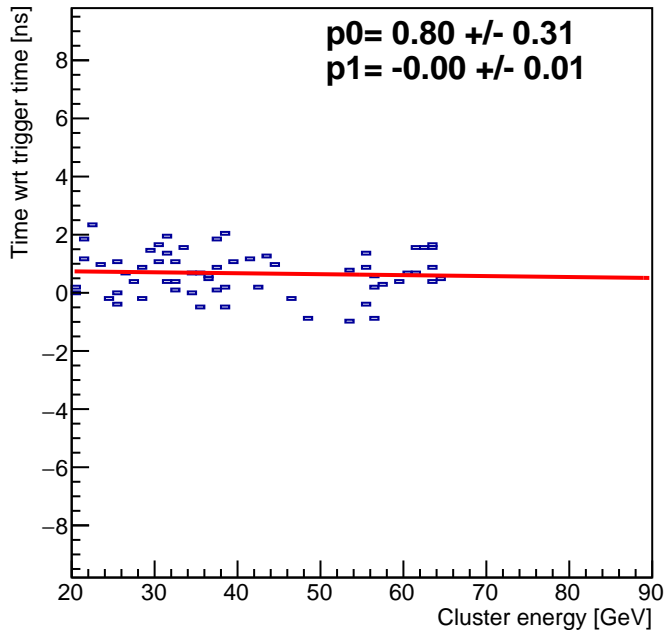
### Cluster time vs energy526



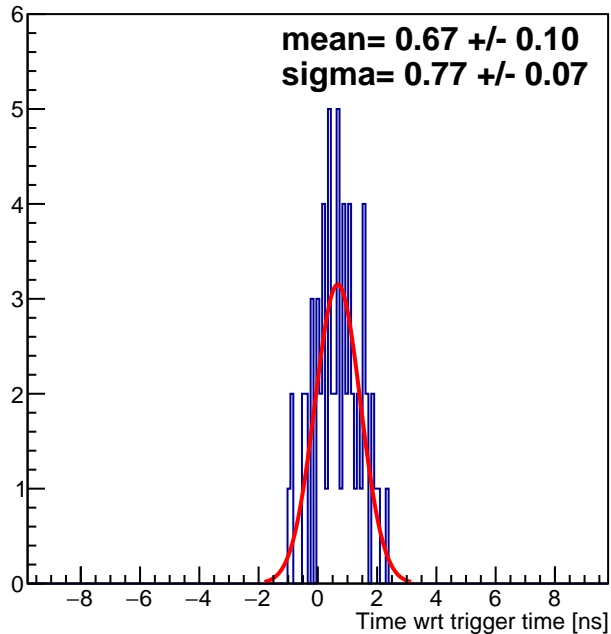
### Primitive time resolution 526



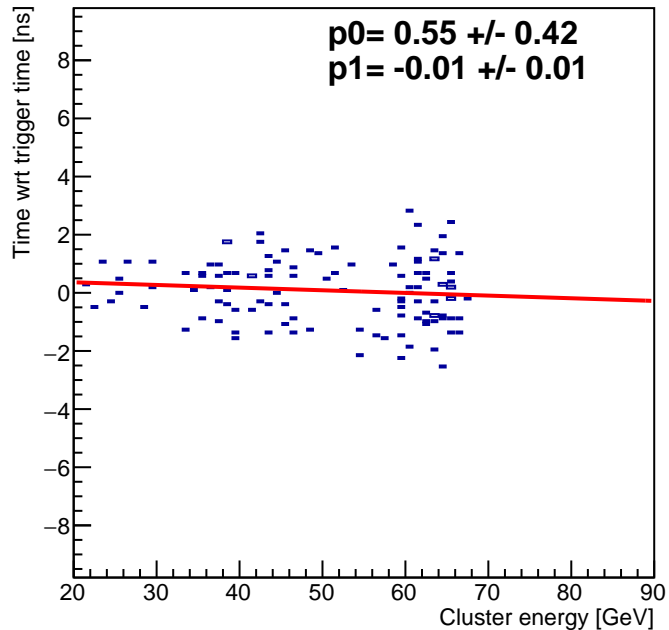
### Cluster time vs energy527



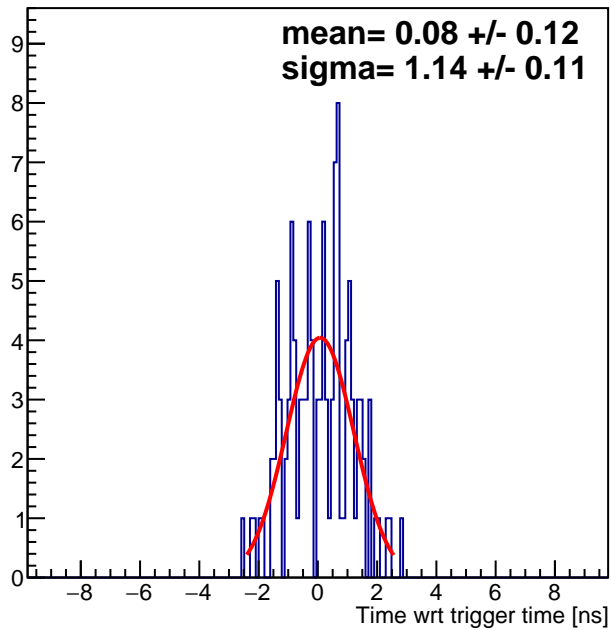
### Primitive time resolution 527



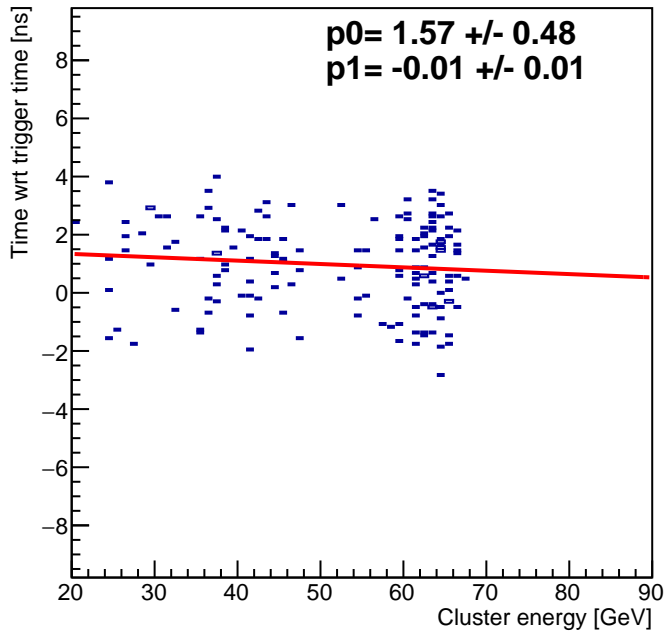
### Cluster time vs energy528



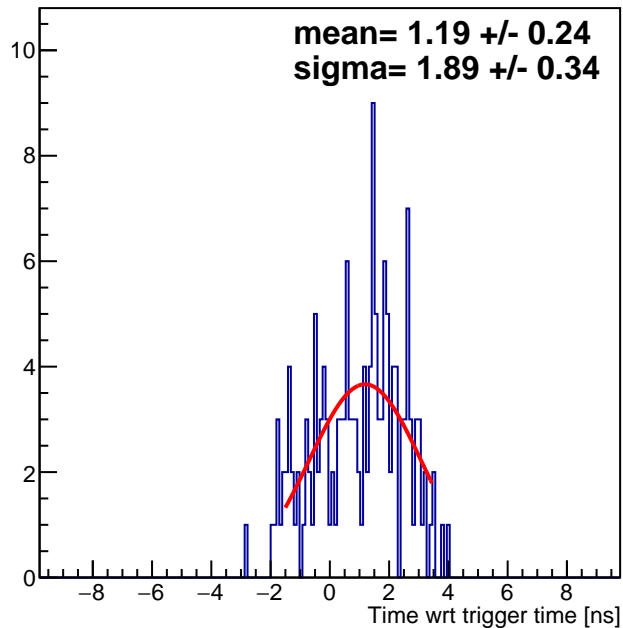
### Primitive time resolution 528



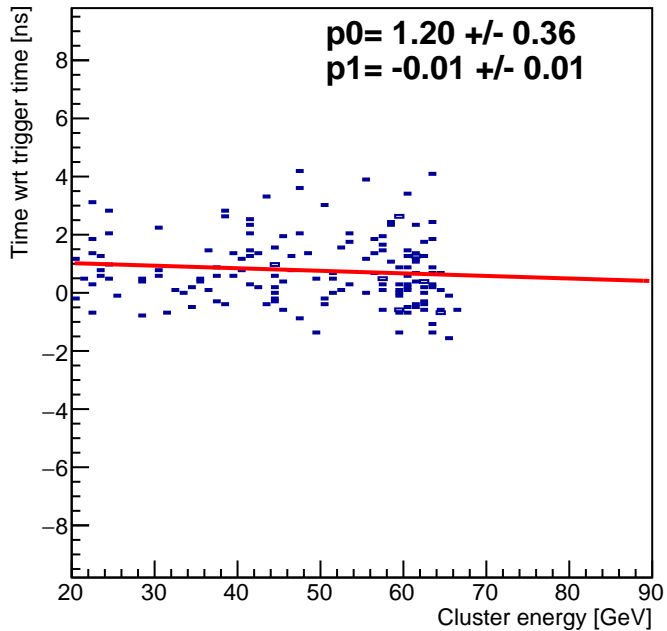
### Cluster time vs energy529



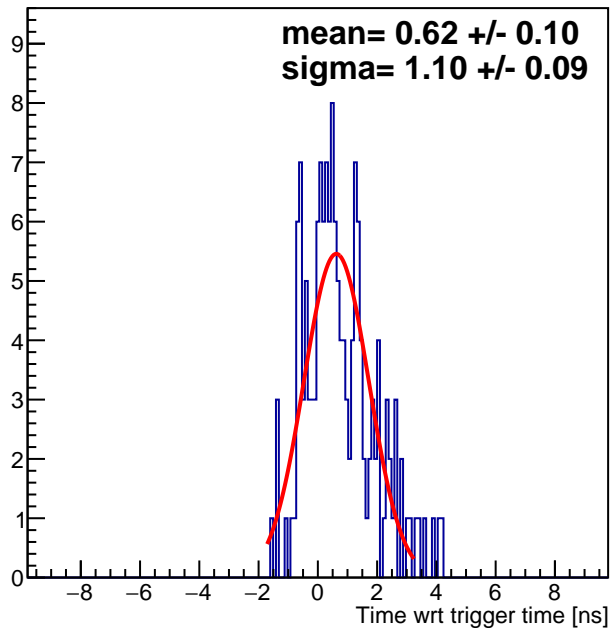
### Primitive time resolution 529



### Cluster time vs energy530

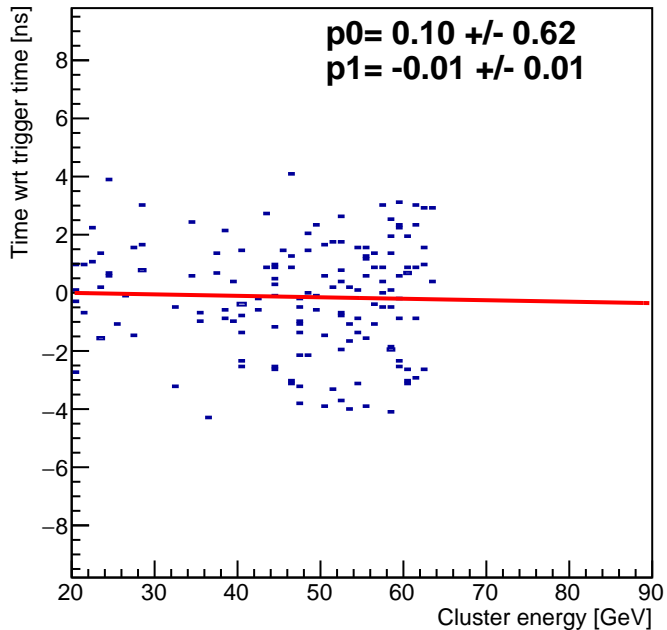


### Primitive time resolution 530

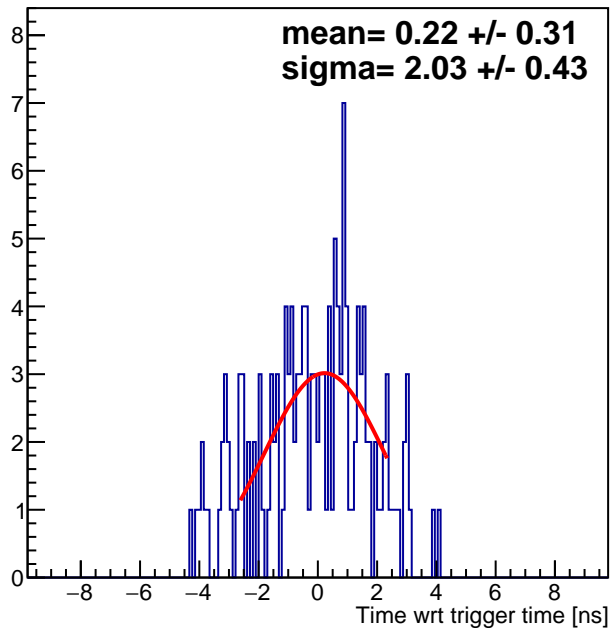




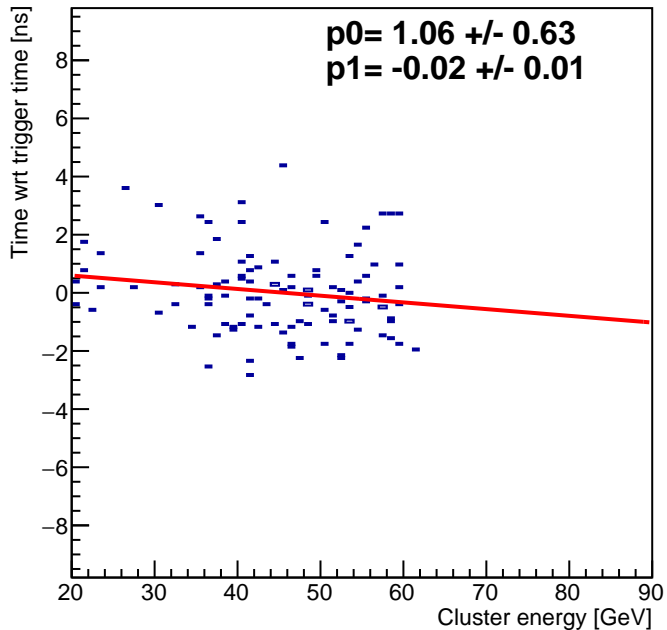
### Cluster time vs energy531



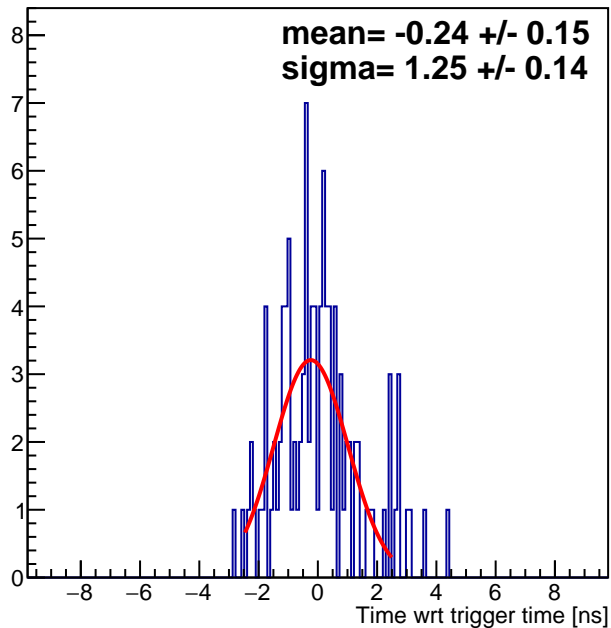
### Primitive time resolution 531



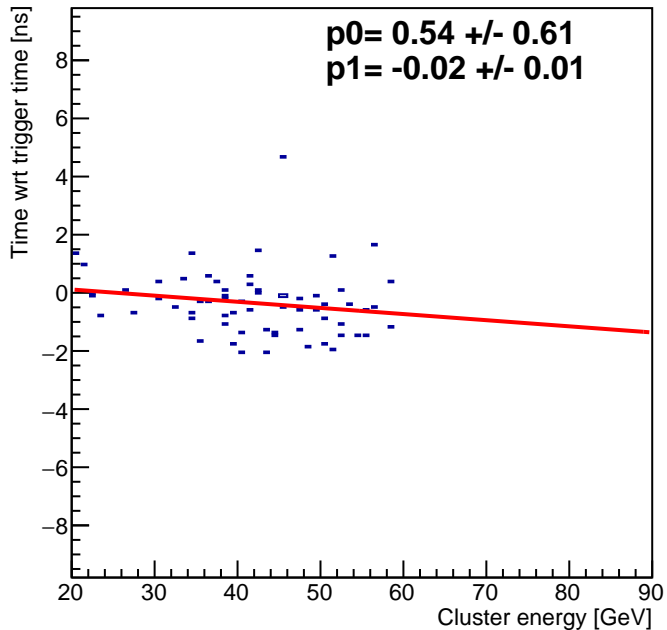
### Cluster time vs energy532



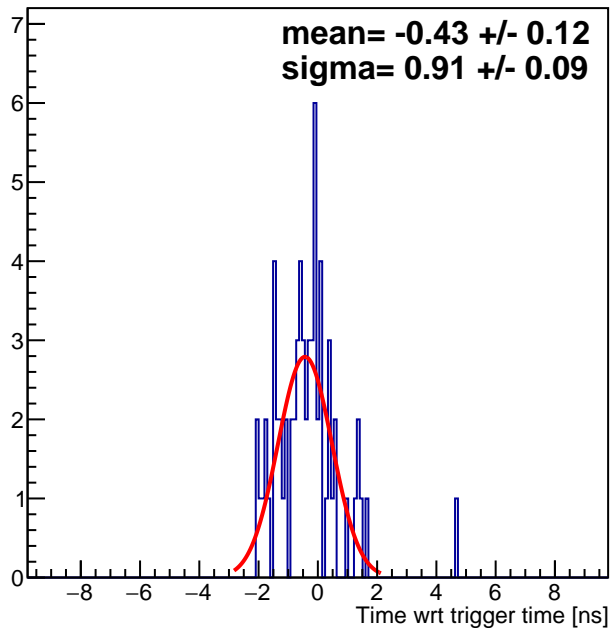
### Primitive time resolution 532



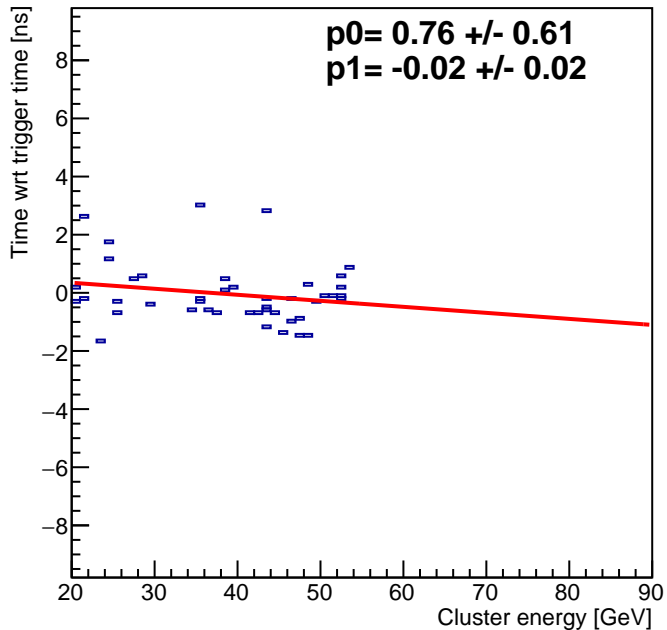
### Cluster time vs energy533



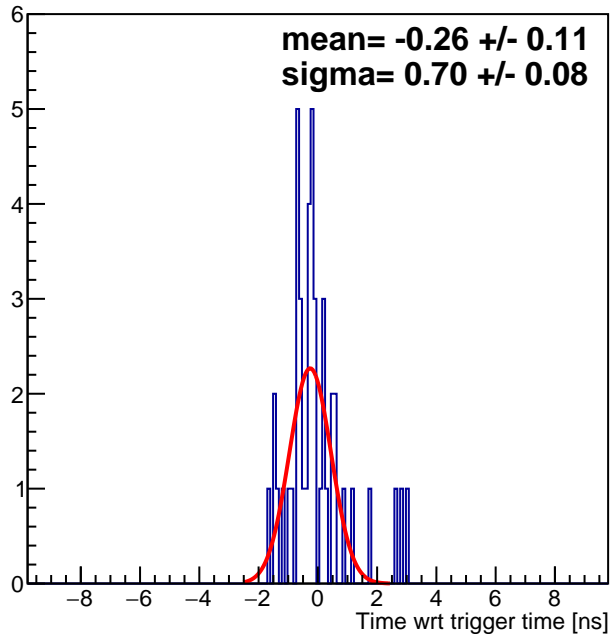
### Primitive time resolution 533



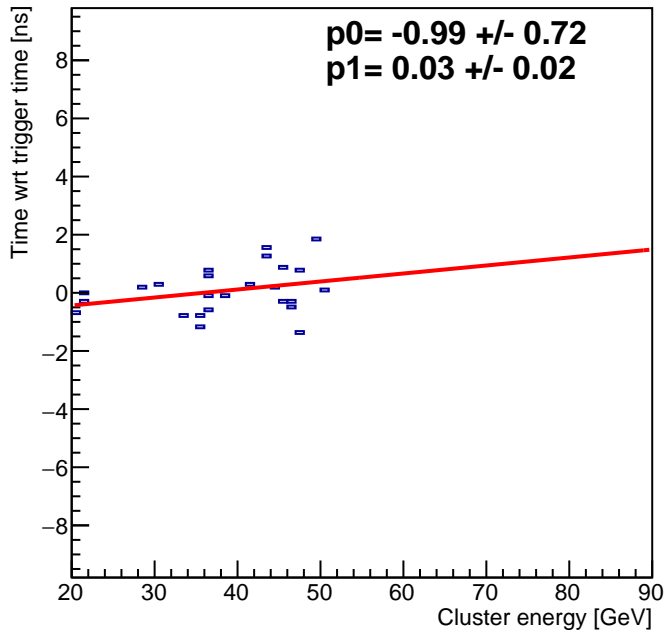
### Cluster time vs energy534



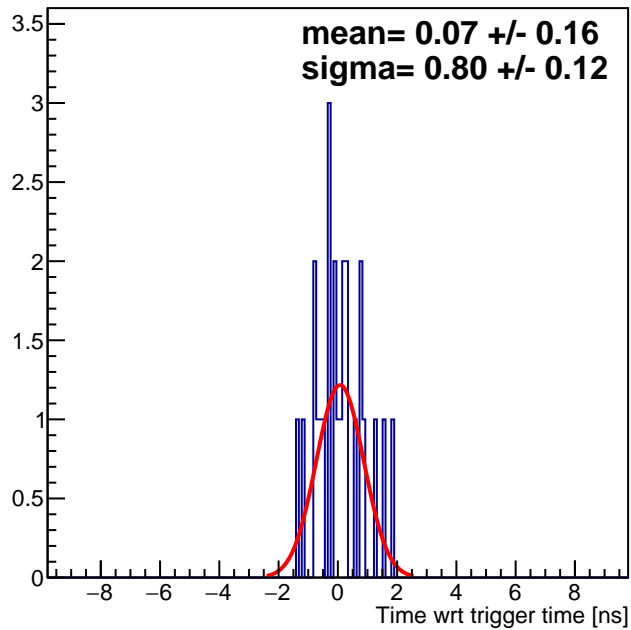
### Primitive time resolution 534



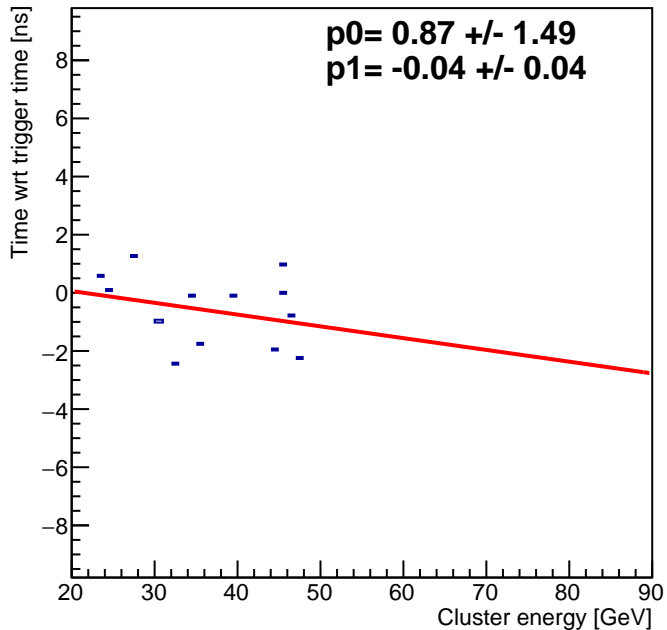
### Cluster time vs energy535



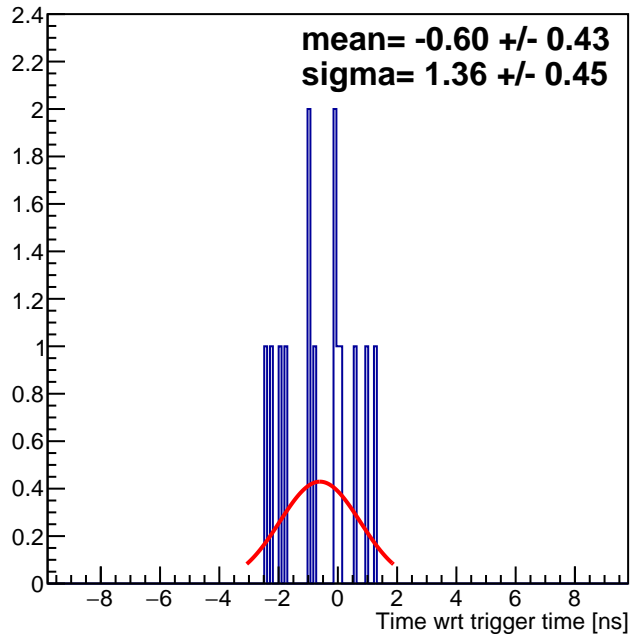
### Primitive time resolution 535



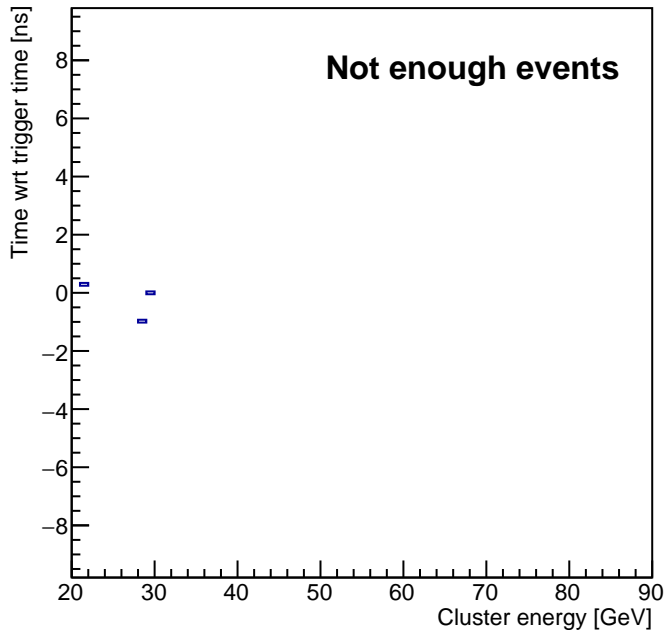
### Cluster time vs energy536



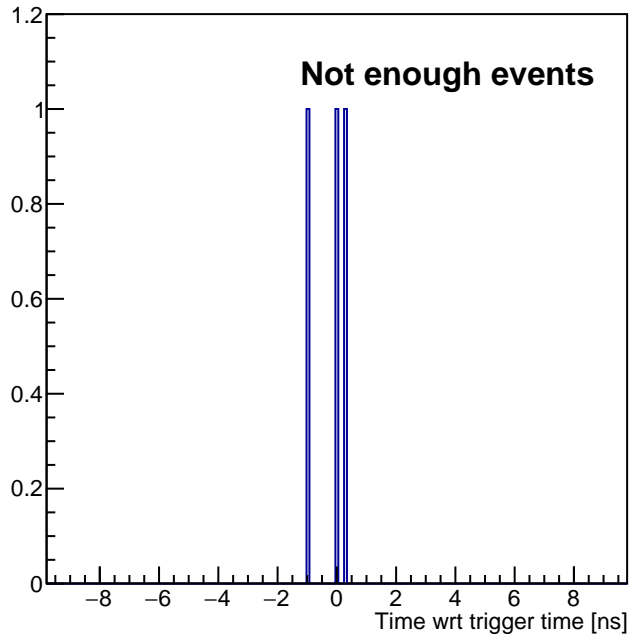
### Primitive time resolution 536



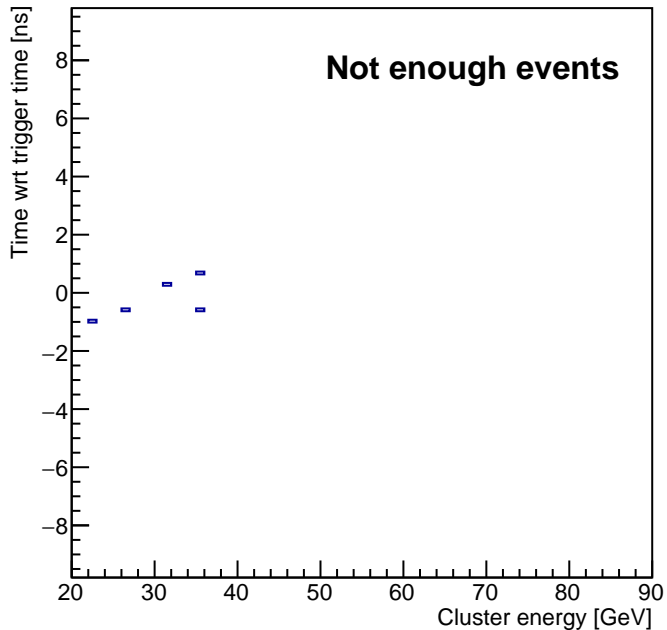
### Cluster time vs energy537



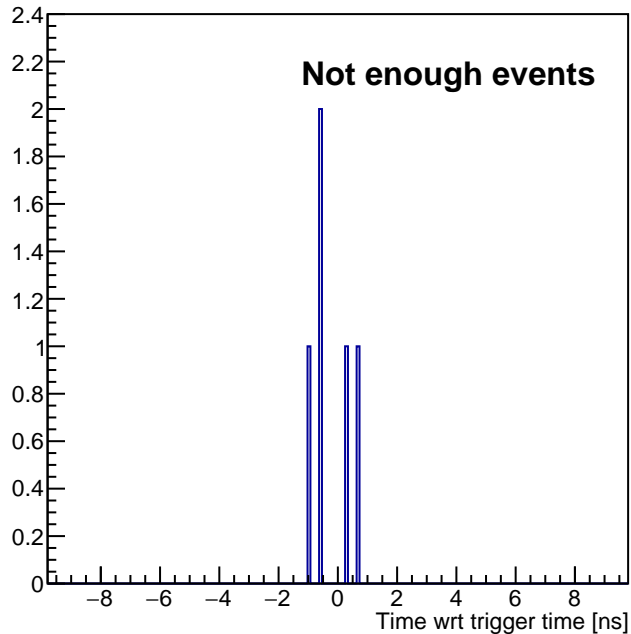
### Primitive time resolution 537



### Cluster time vs energy538

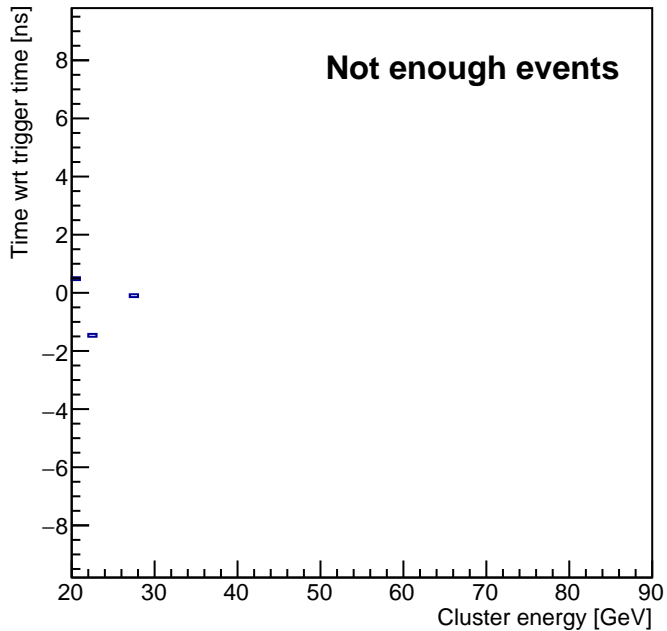


### Primitive time resolution 538

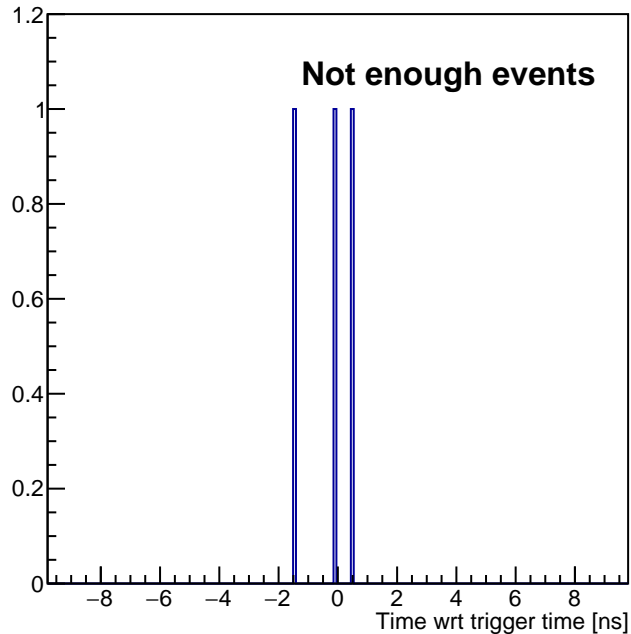




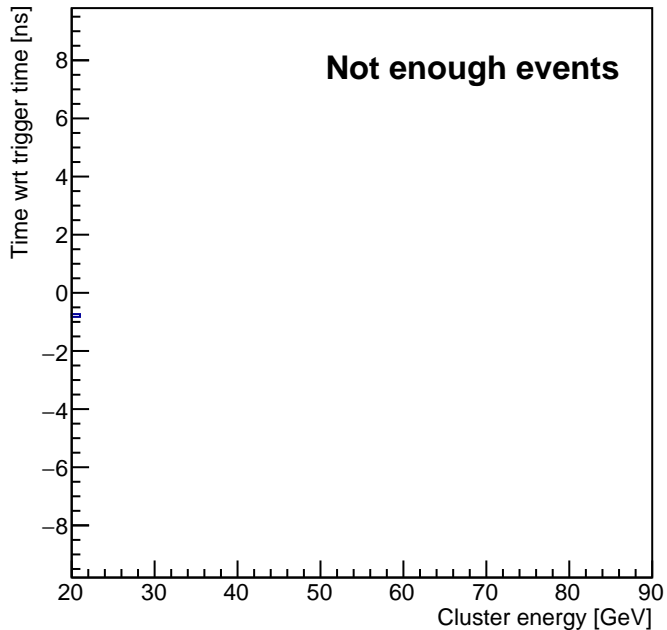
### Cluster time vs energy539



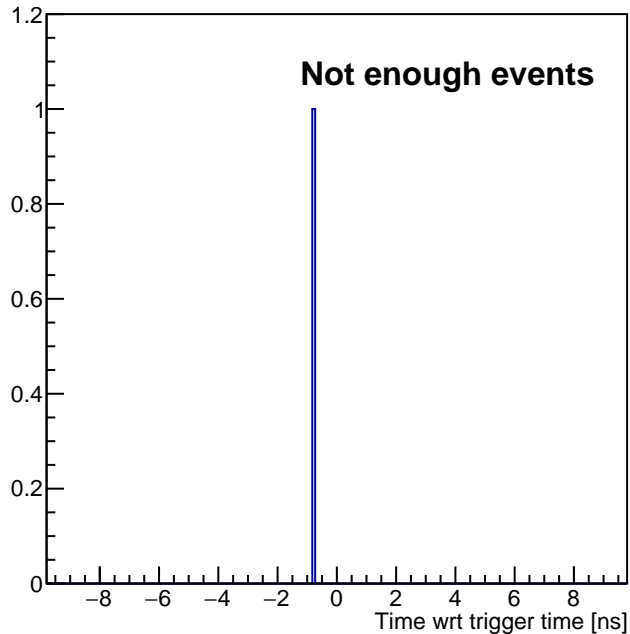
### Primitive time resolution 539



### Cluster time vs energy540



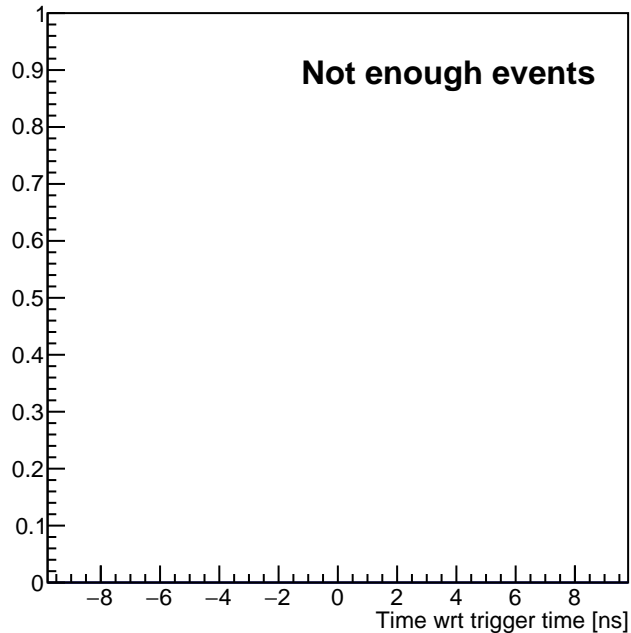
### Primitive time resolution 540



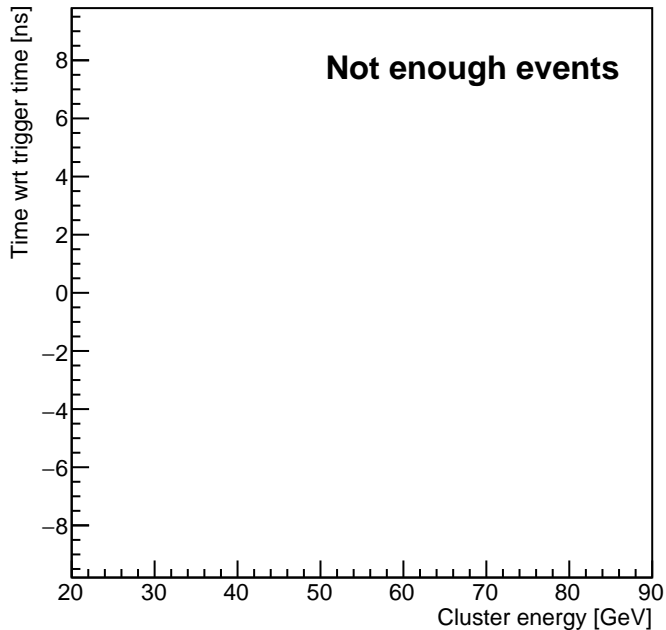
### Cluster time vs energy541



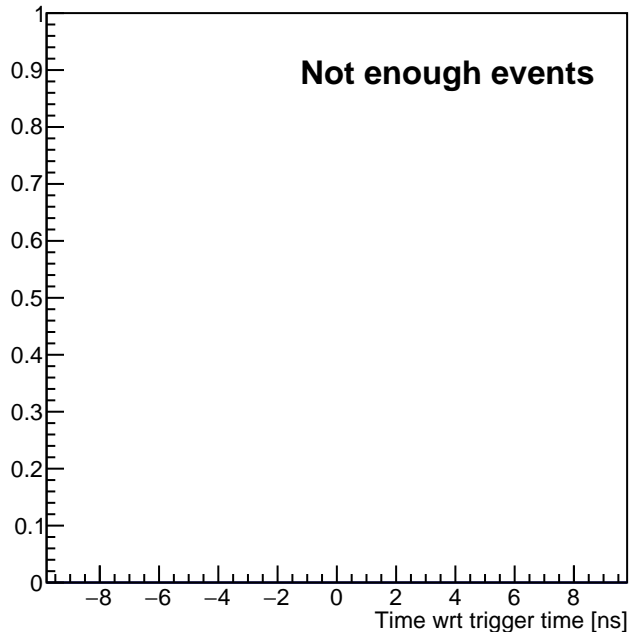
### Primitive time resolution 541



### Cluster time vs energy542



### Primitive time resolution 542



### Cluster time vs energy545



### Primitive time resolution 545



### Cluster time vs energy546



### Primitive time resolution 546



### Cluster time vs energy547



### Primitive time resolution 547



### Cluster time vs energy548



### Primitive time resolution 548





Cluster time vs energy549



Primitive time resolution 549



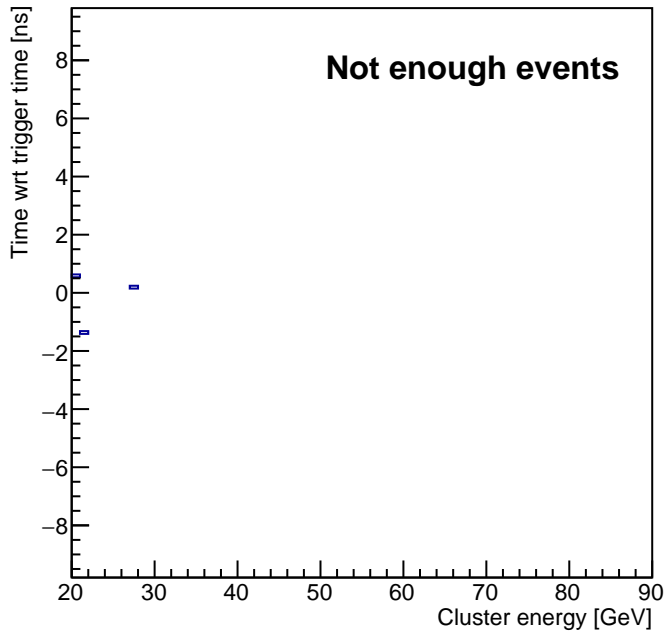
### Cluster time vs energy550



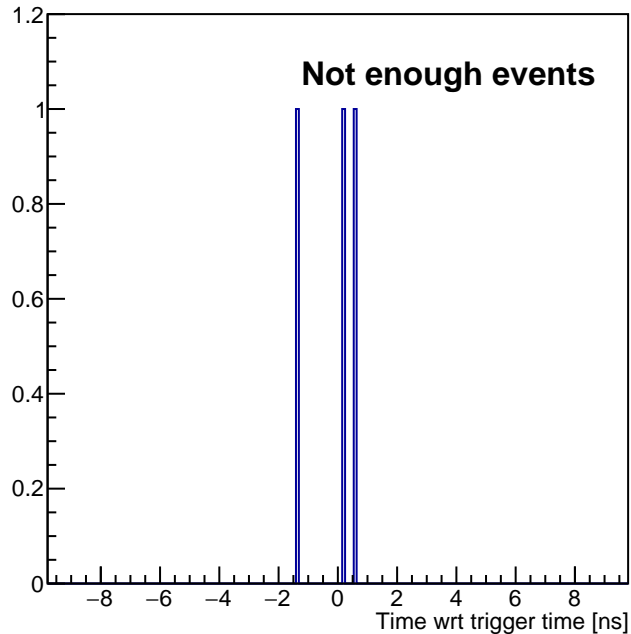
### Primitive time resolution 550



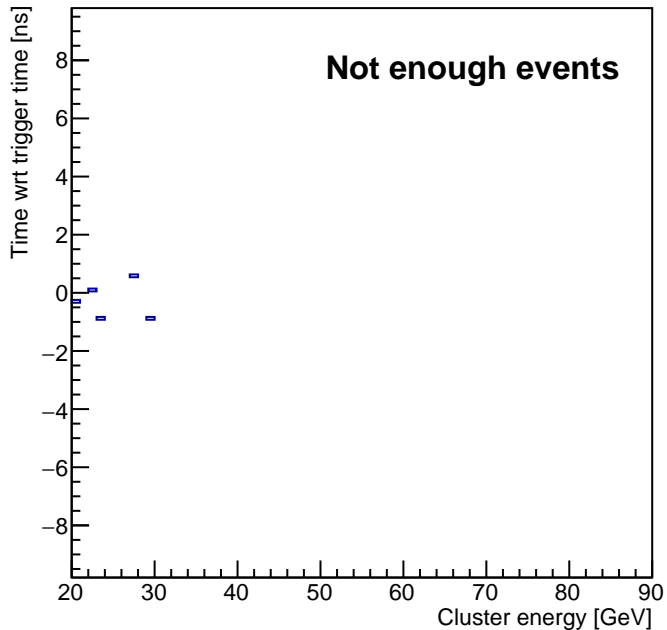
### Cluster time vs energy551



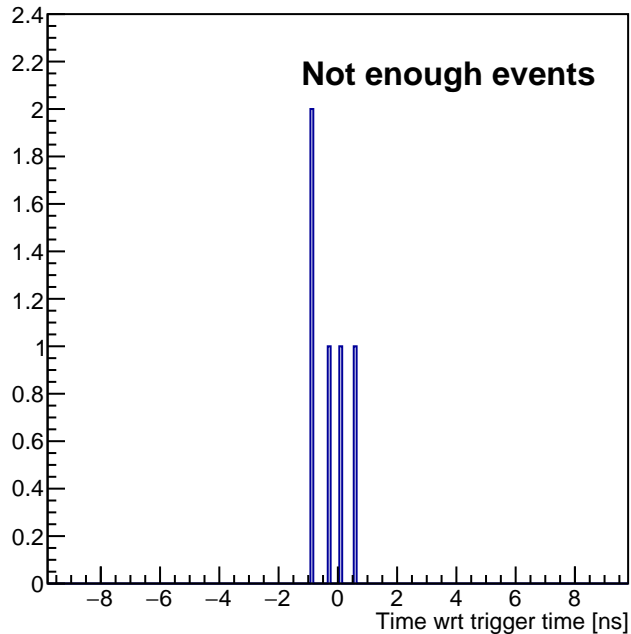
### Primitive time resolution 551



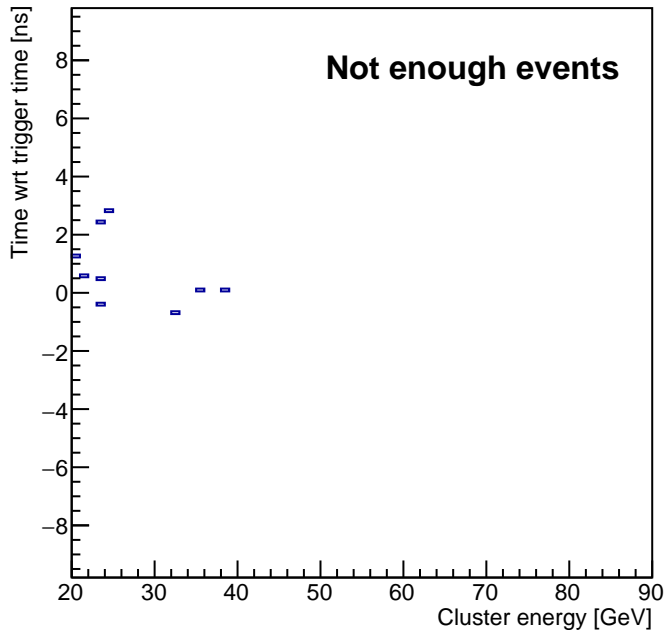
### Cluster time vs energy552



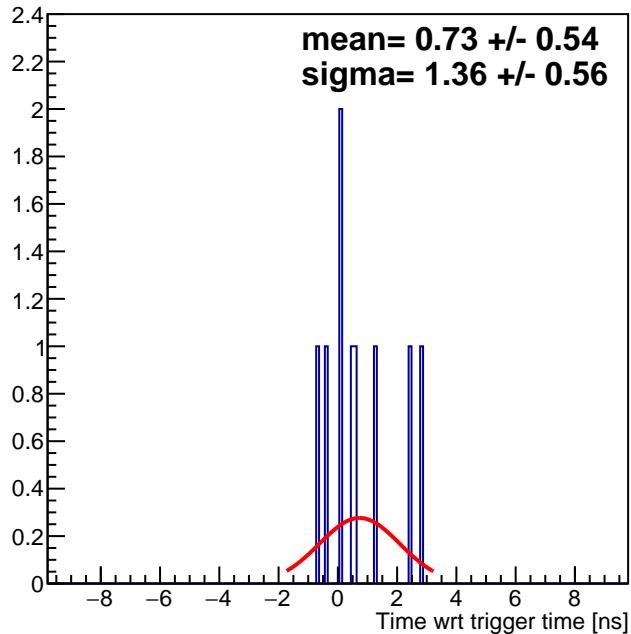
### Primitive time resolution 552



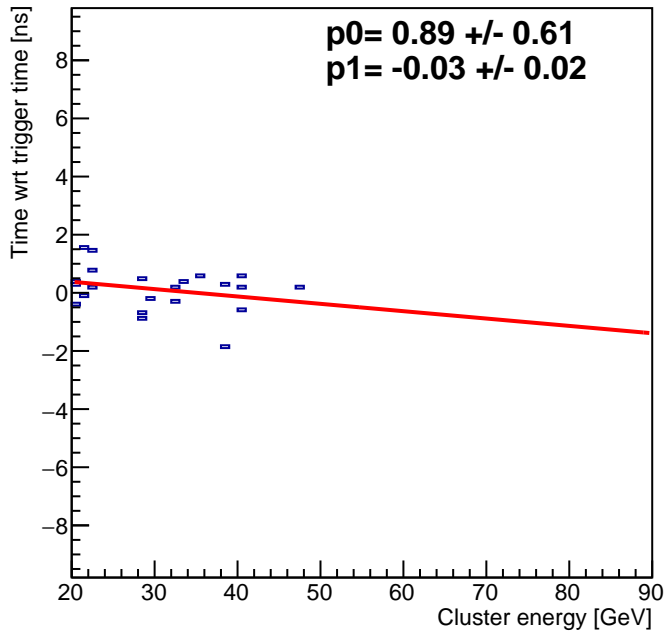
### Cluster time vs energy553



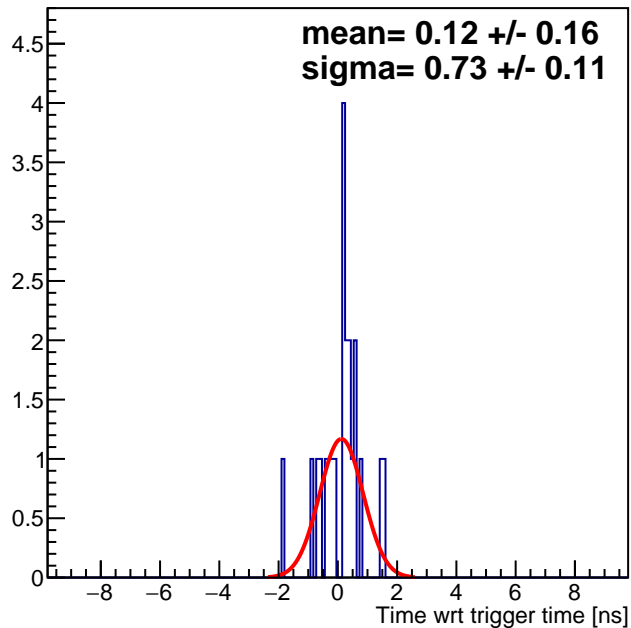
### Primitive time resolution 553



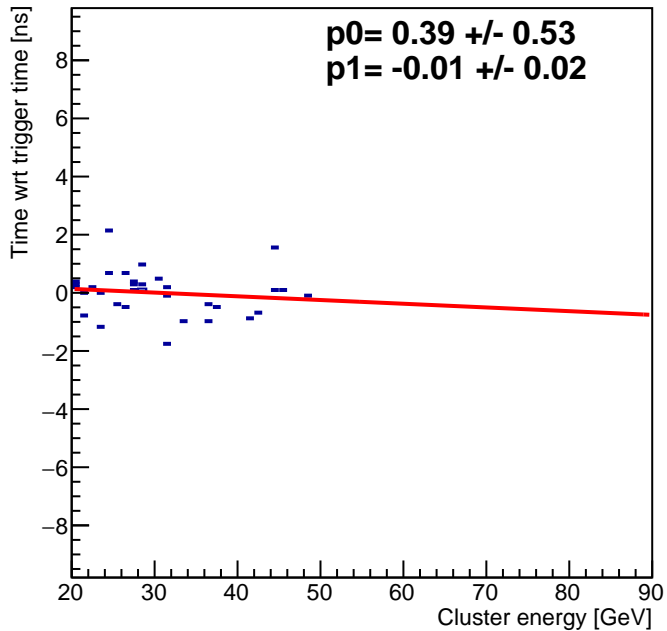
### Cluster time vs energy554



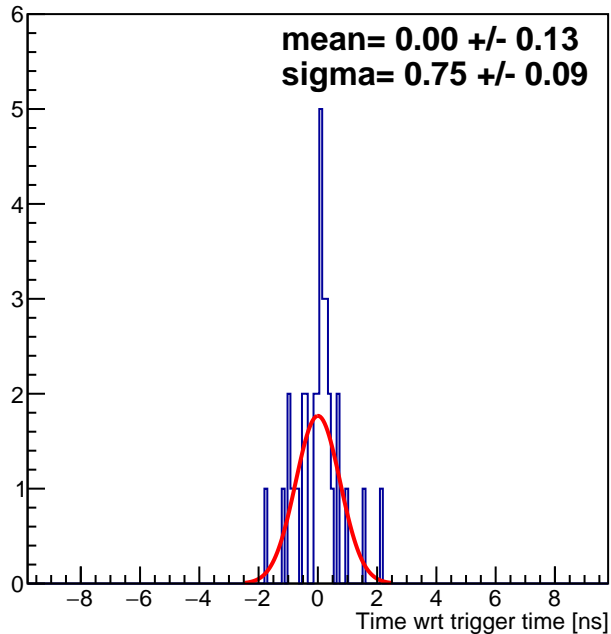
### Primitive time resolution 554



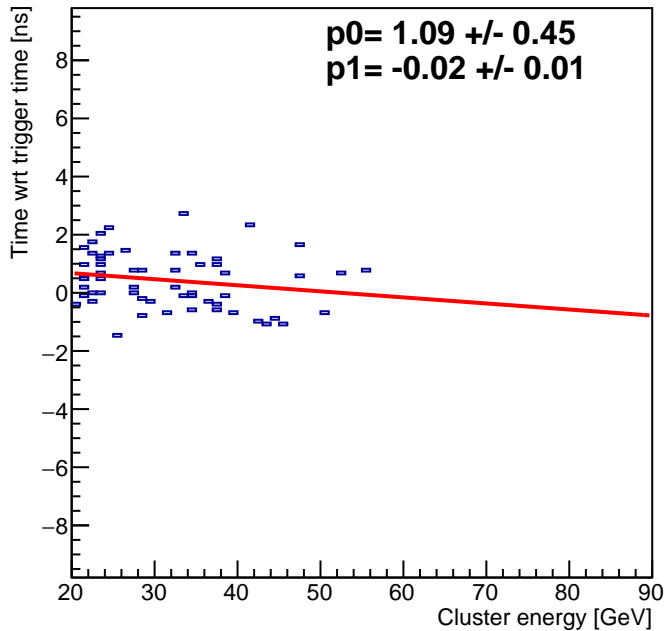
### Cluster time vs energy555



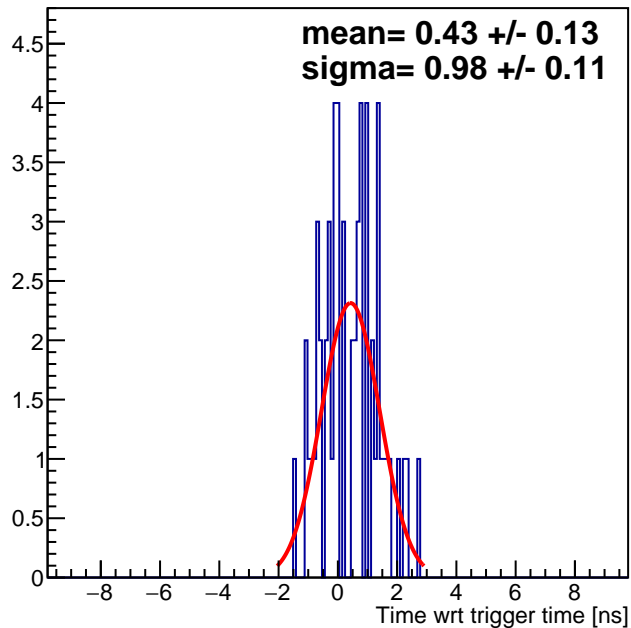
### Primitive time resolution 555



### Cluster time vs energy556

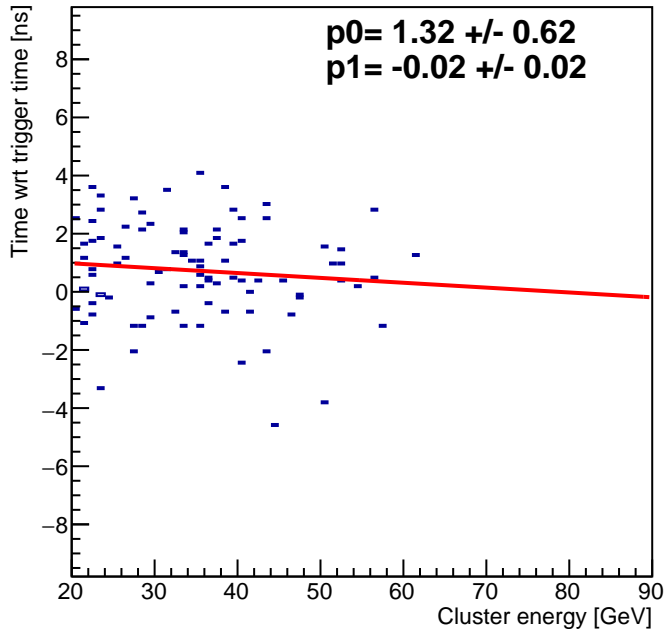


### Primitive time resolution 556

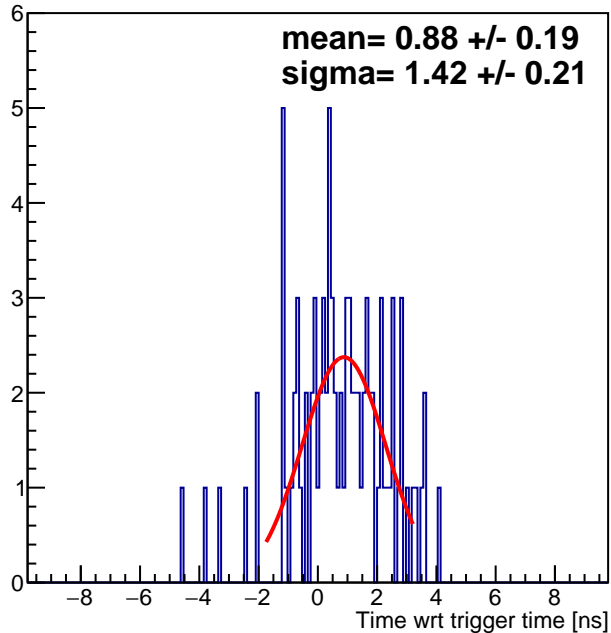




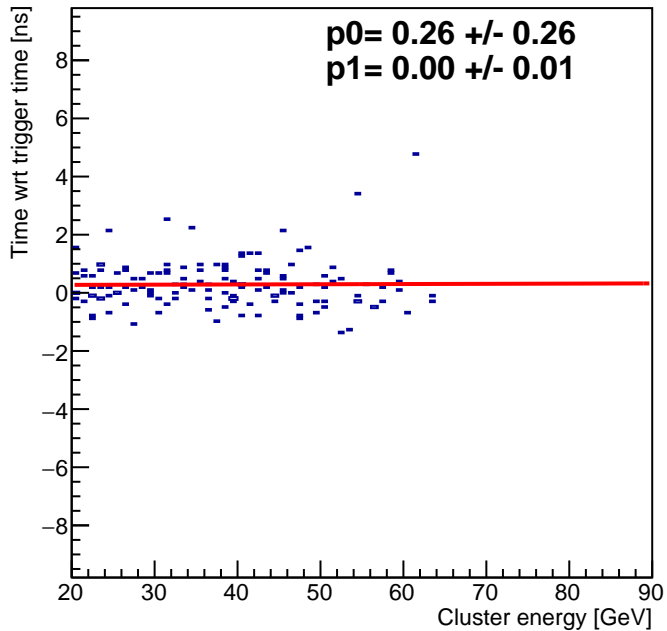
### Cluster time vs energy557



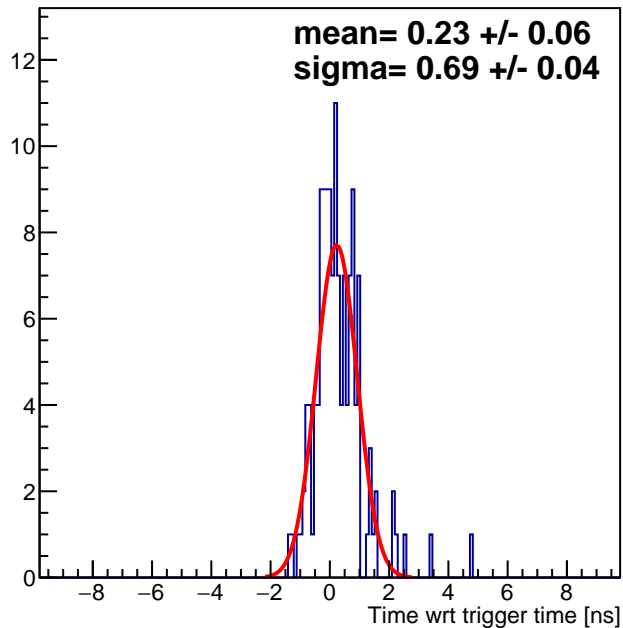
### Primitive time resolution 557



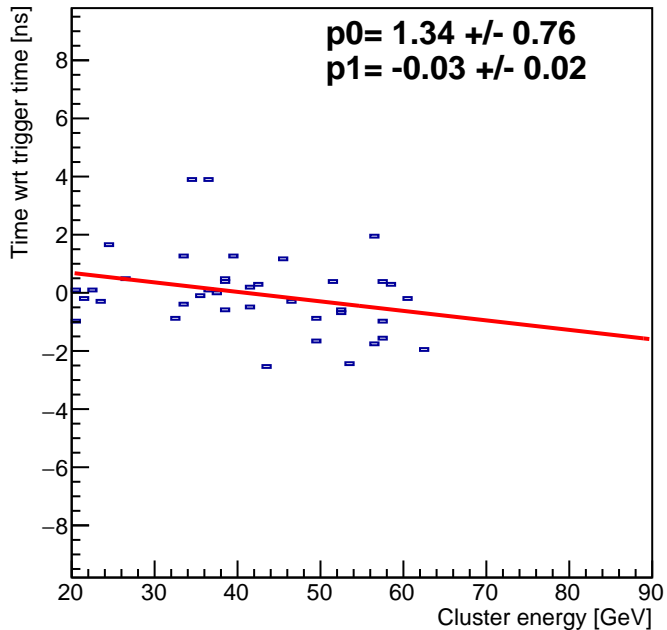
### Cluster time vs energy558



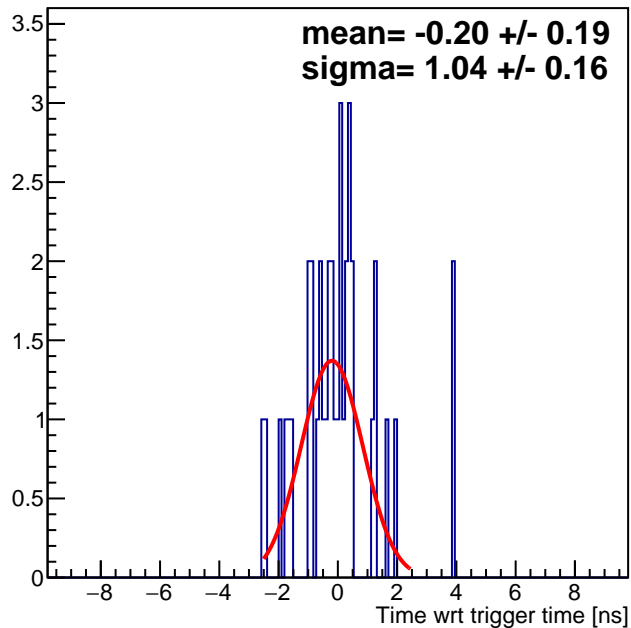
### Primitive time resolution 558



### Cluster time vs energy559



### Primitive time resolution 559



### Cluster time vs energy560



### Primitive time resolution 560



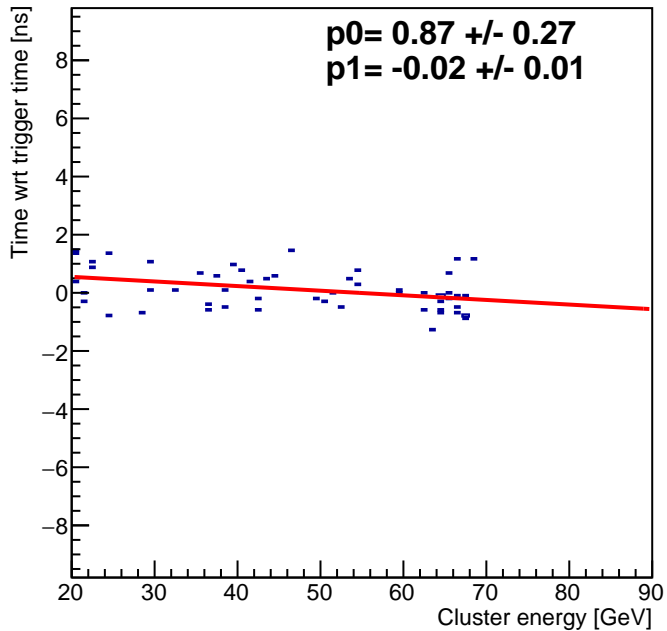
### Cluster time vs energy561



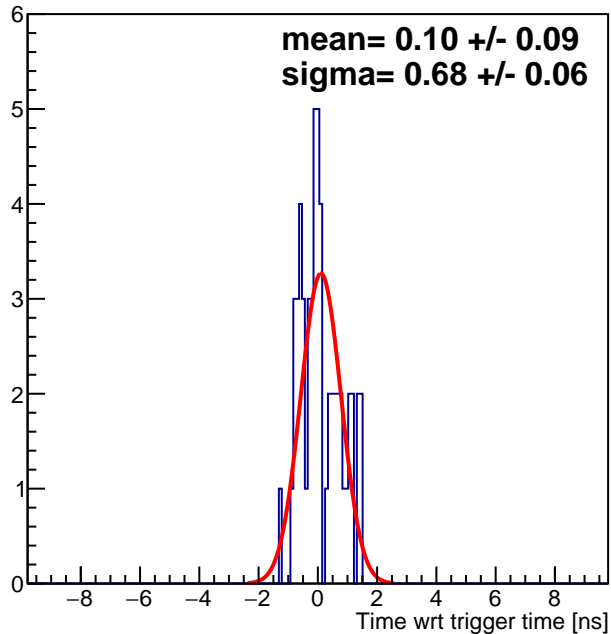
### Primitive time resolution 561



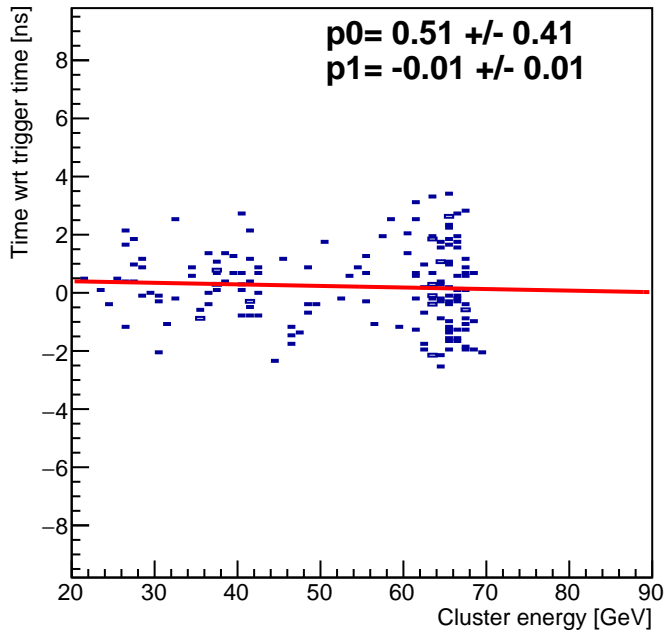
### Cluster time vs energy562



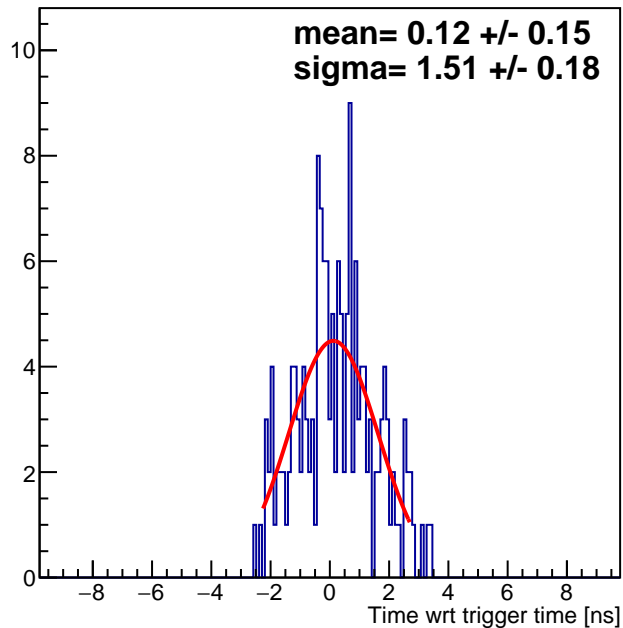
### Primitive time resolution 562



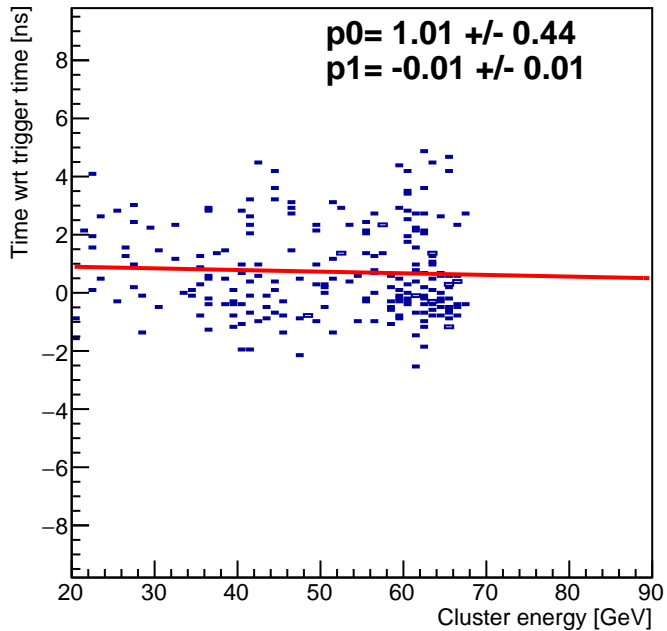
### Cluster time vs energy563



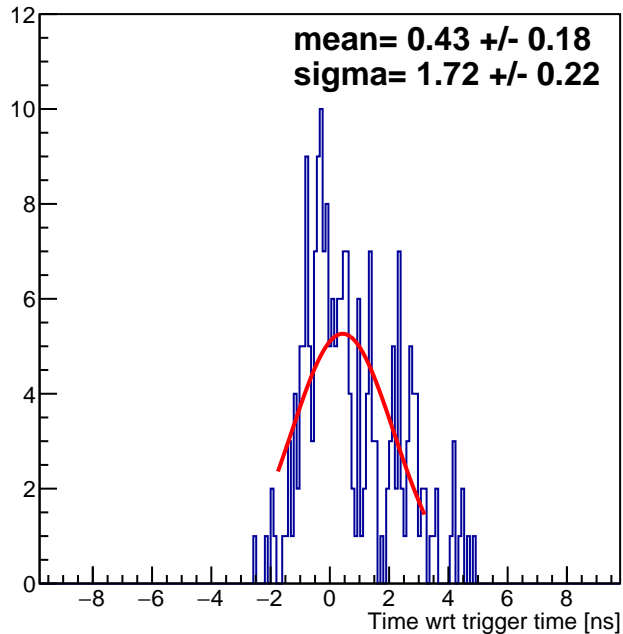
### Primitive time resolution 563



### Cluster time vs energy564

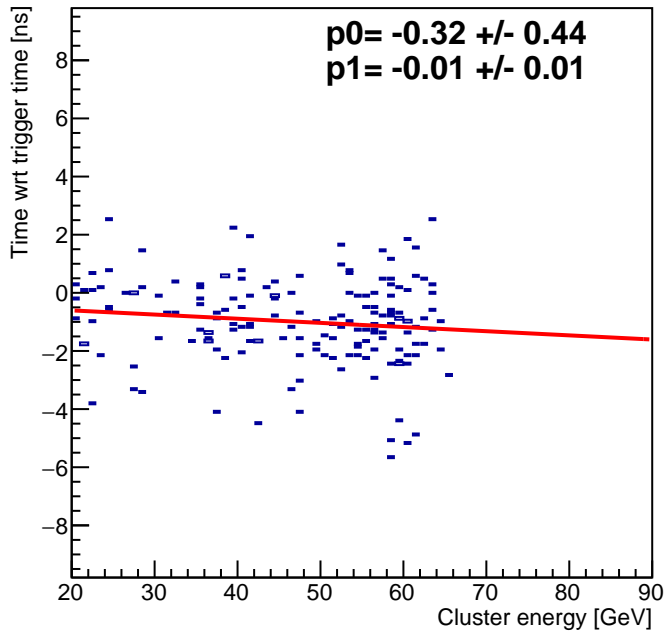


### Primitive time resolution 564

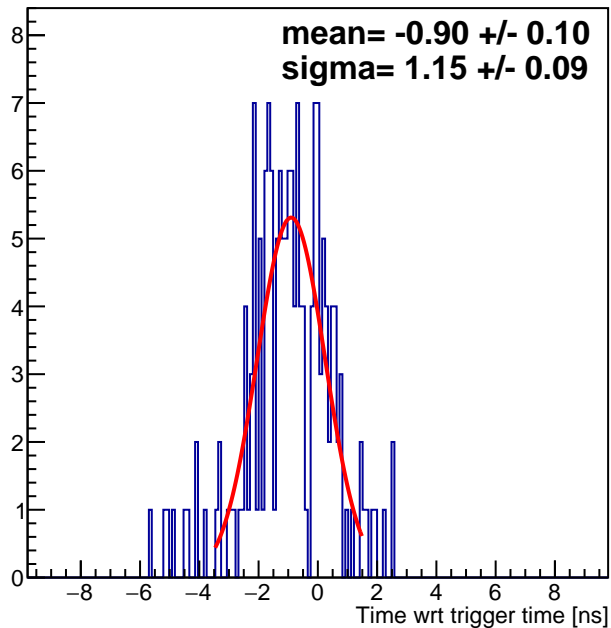




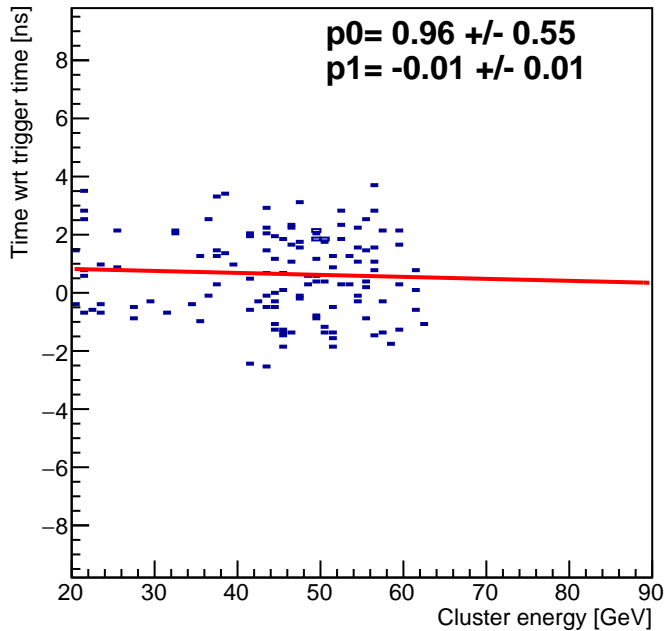
### Cluster time vs energy565



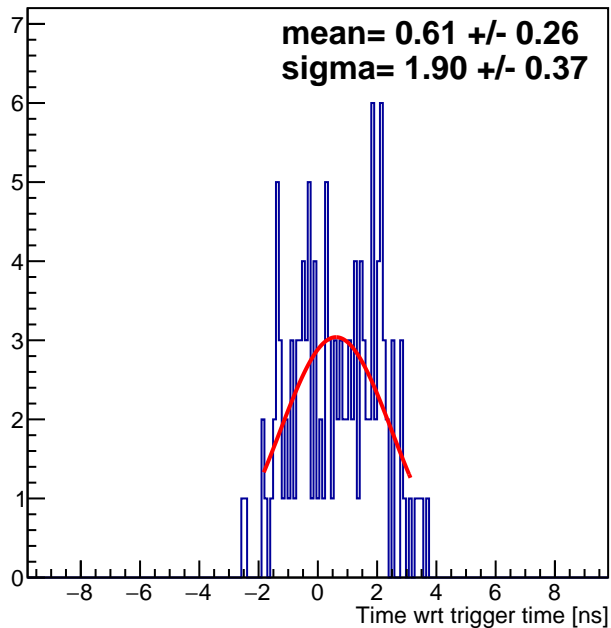
### Primitive time resolution 565



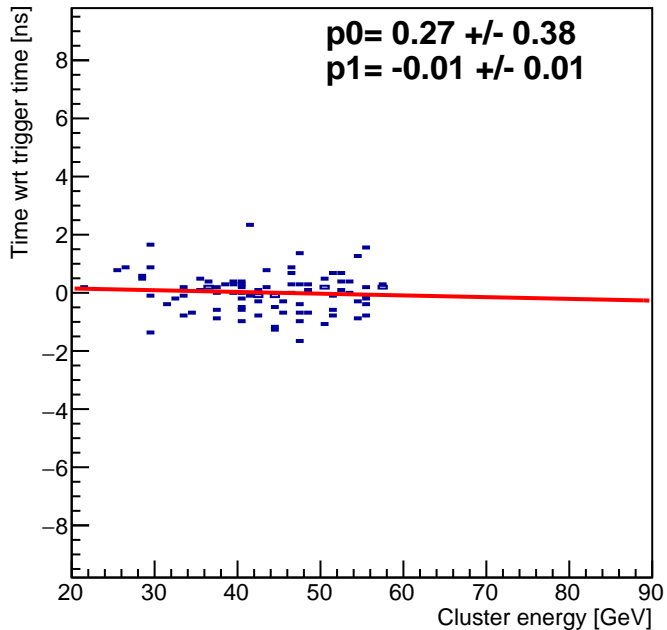
### Cluster time vs energy566



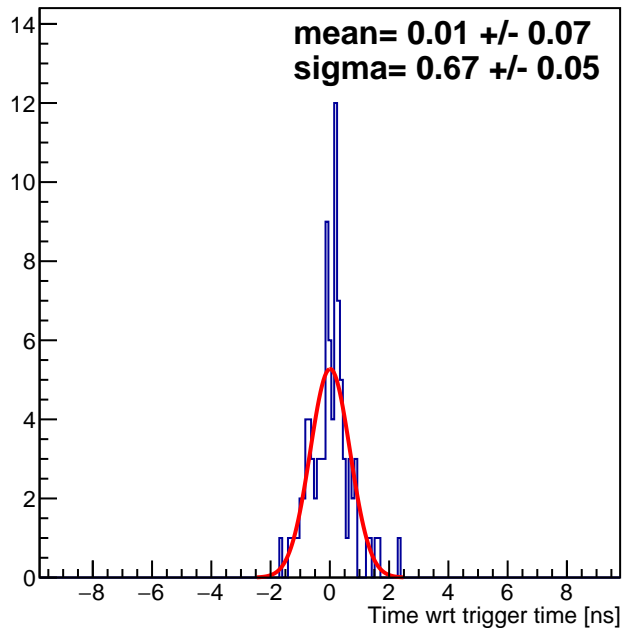
### Primitive time resolution 566



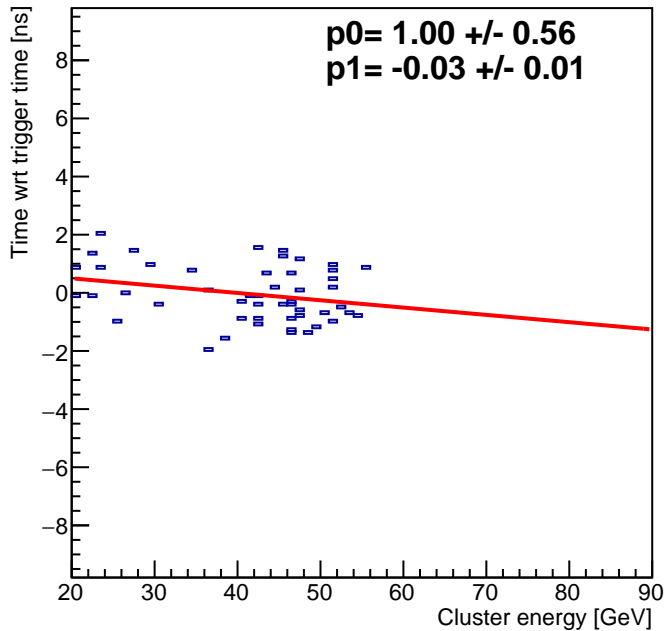
### Cluster time vs energy567



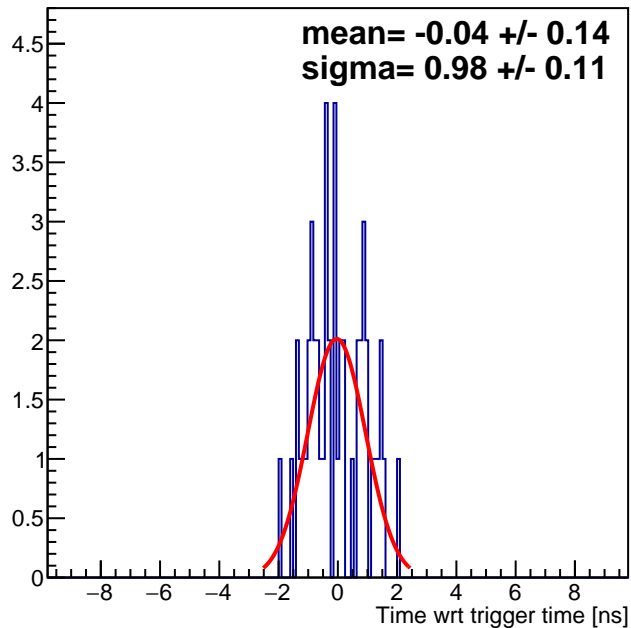
### Primitive time resolution 567



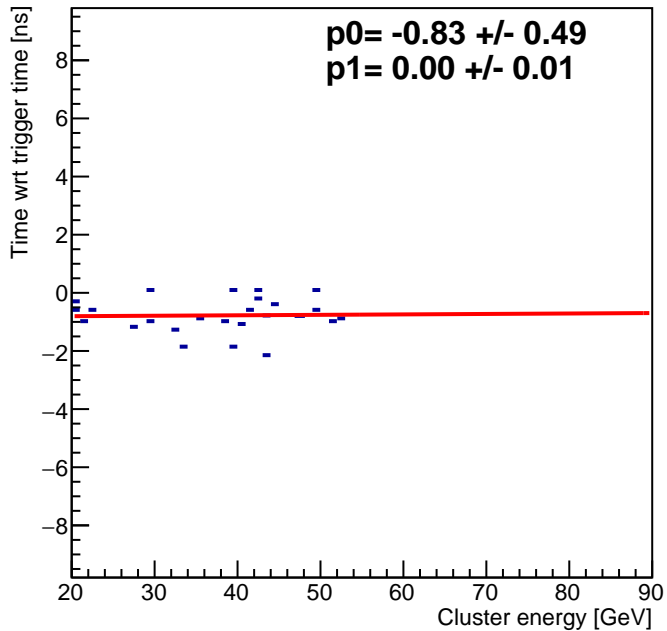
### Cluster time vs energy568



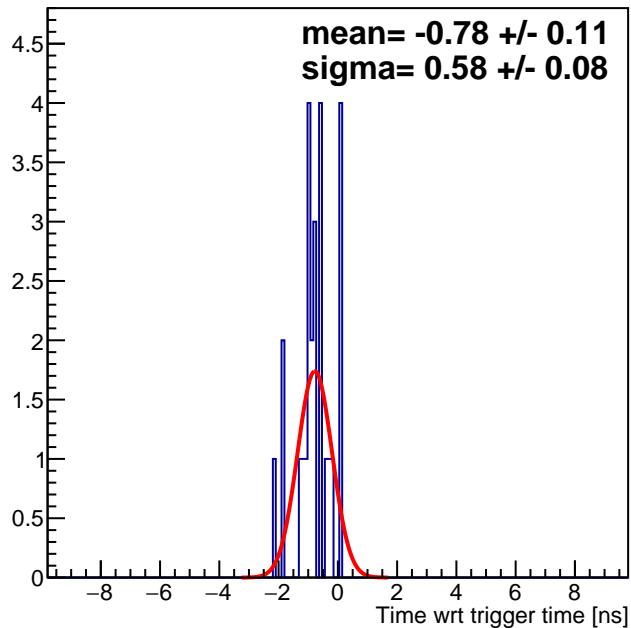
### Primitive time resolution 568



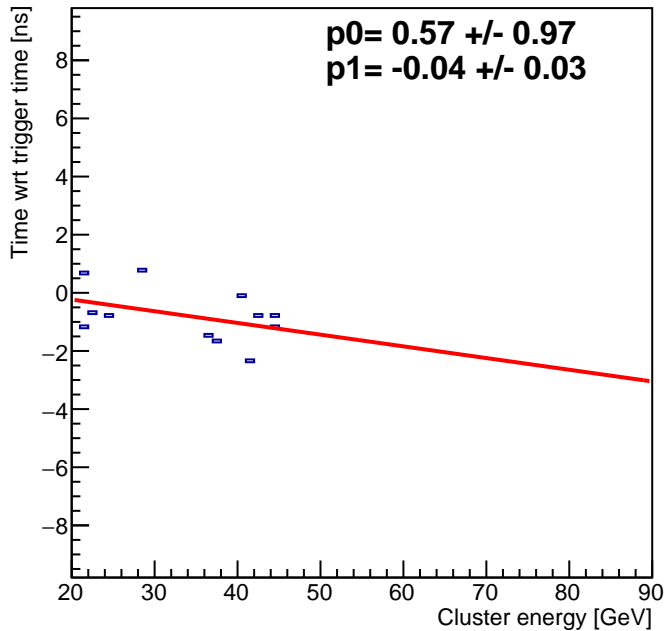
### Cluster time vs energy569



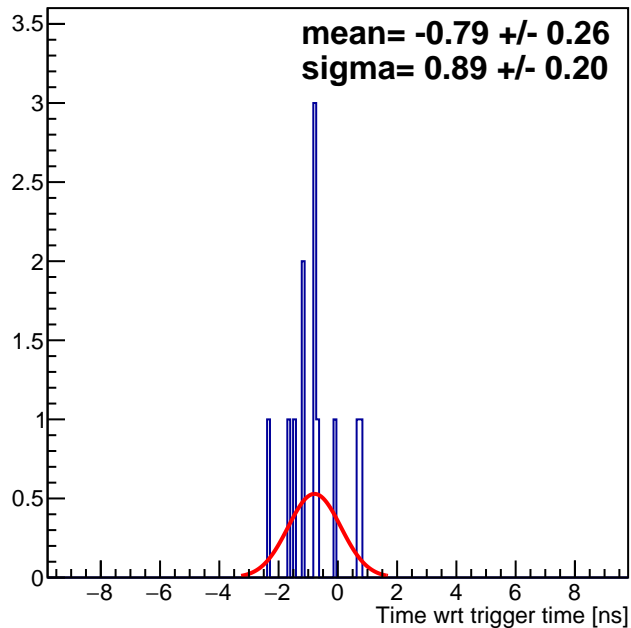
### Primitive time resolution 569



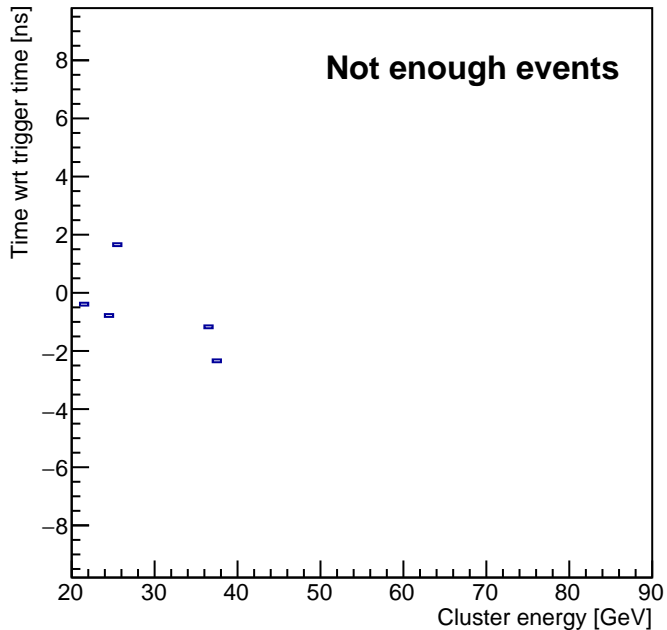
### Cluster time vs energy570



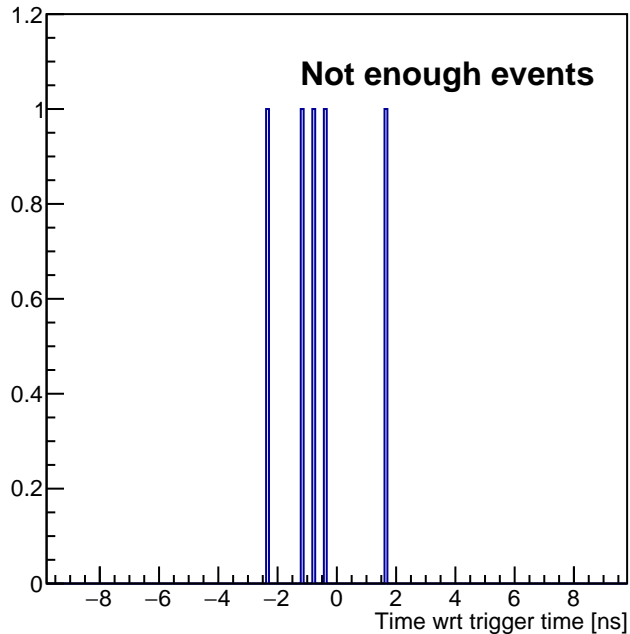
### Primitive time resolution 570



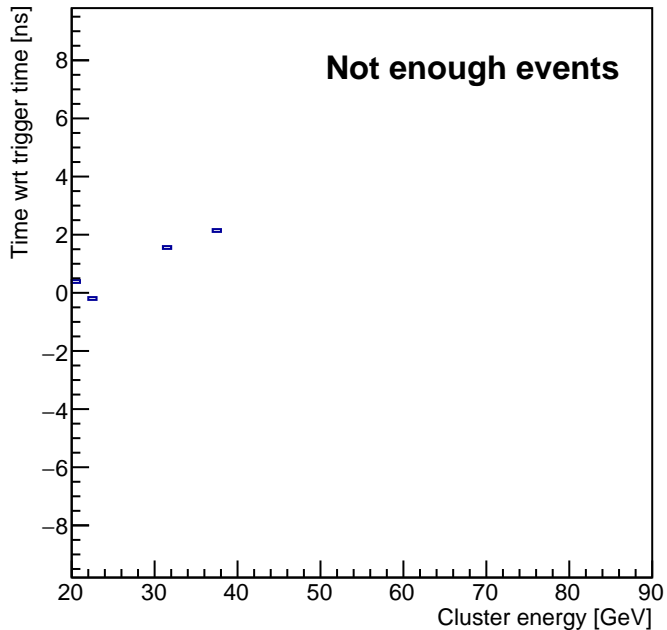
### Cluster time vs energy571



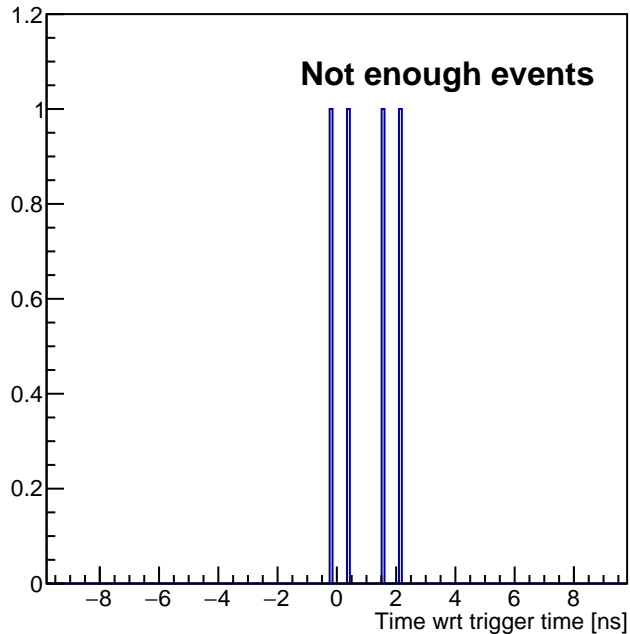
### Primitive time resolution 571



### Cluster time vs energy572

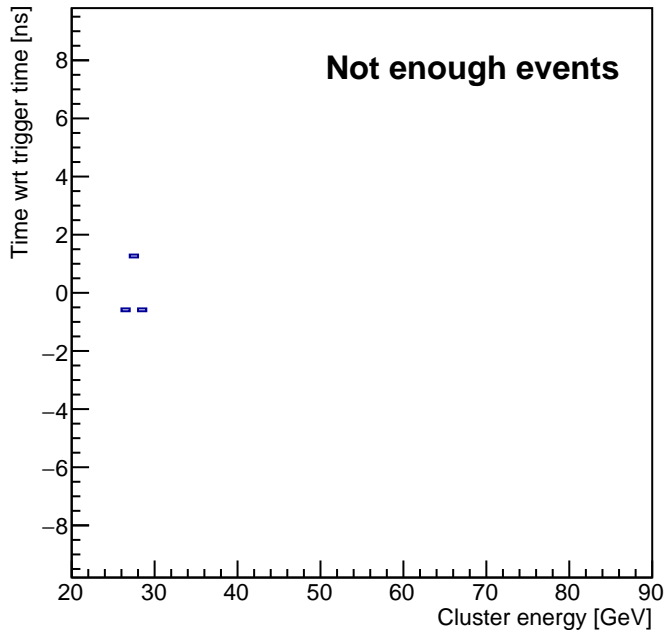


### Primitive time resolution 572

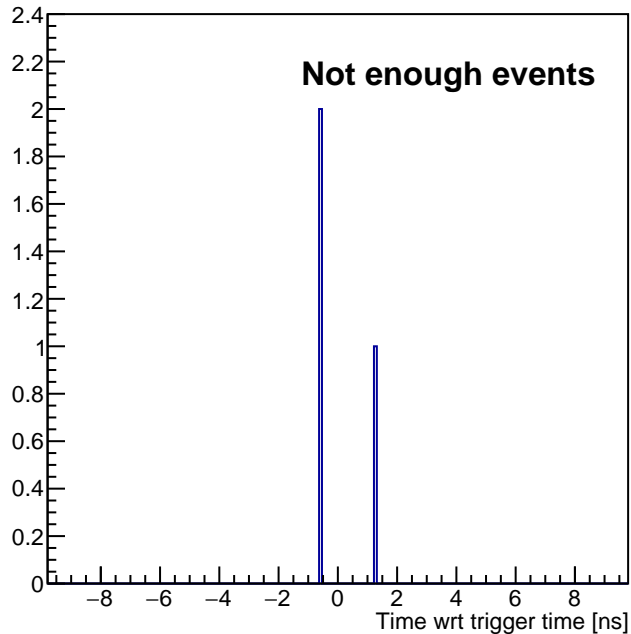




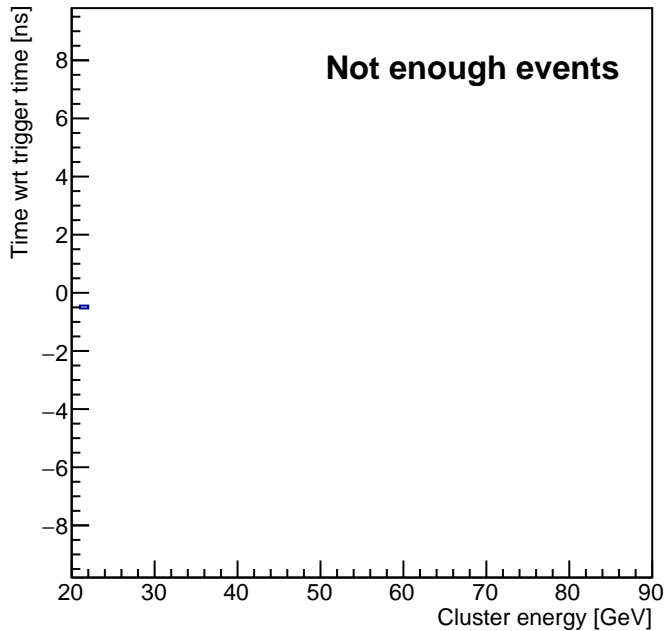
### Cluster time vs energy573



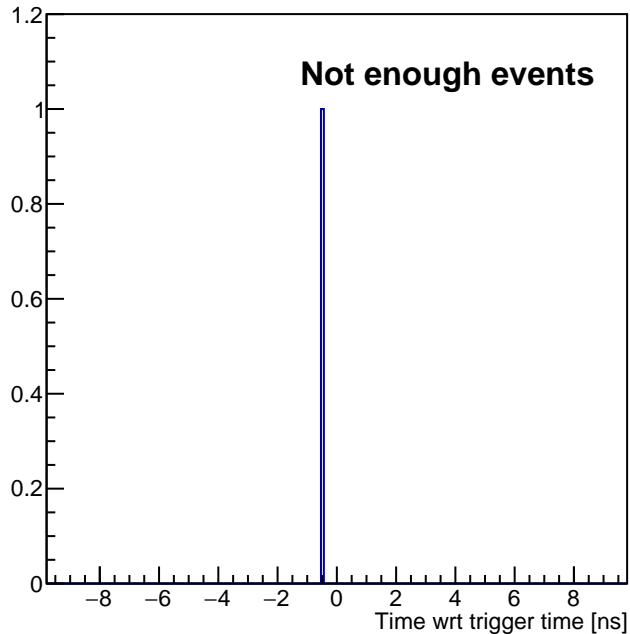
### Primitive time resolution 573



### Cluster time vs energy574



### Primitive time resolution 574



### Cluster time vs energy575



### Primitive time resolution 575



### Cluster time vs energy576



### Primitive time resolution 576



### Cluster time vs energy579



### Primitive time resolution 579



### Cluster time vs energy580



### Primitive time resolution 580



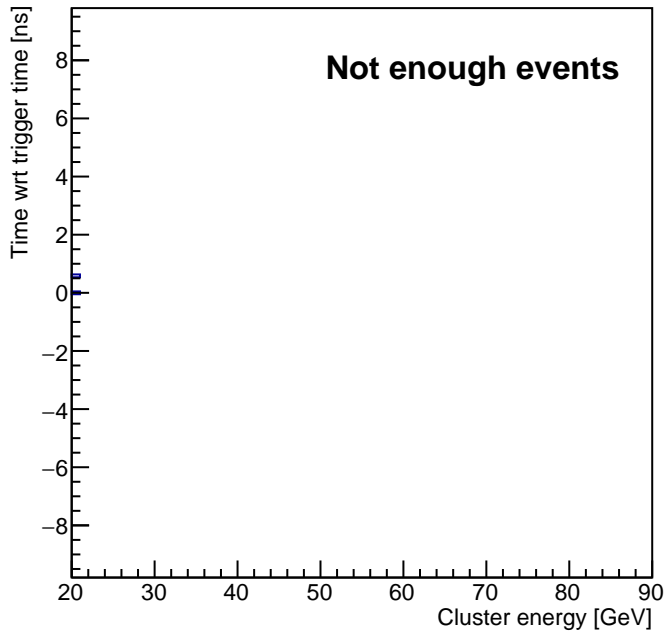
### Cluster time vs energy581



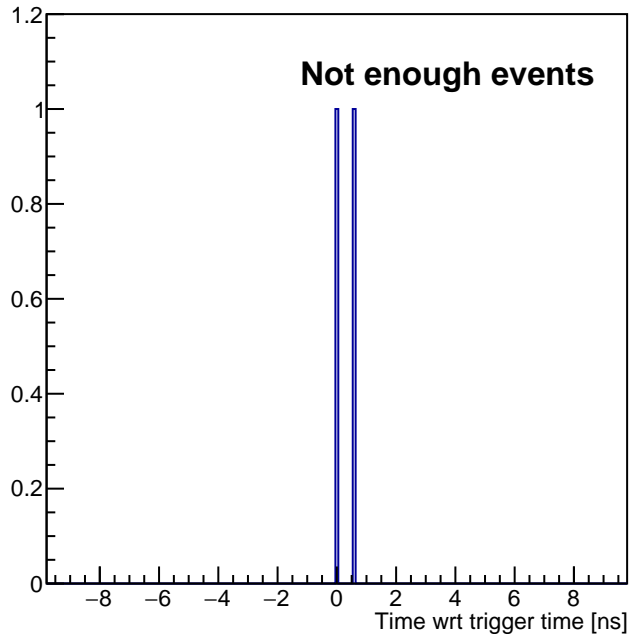
### Primitive time resolution 581



### Cluster time vs energy582



### Primitive time resolution 582





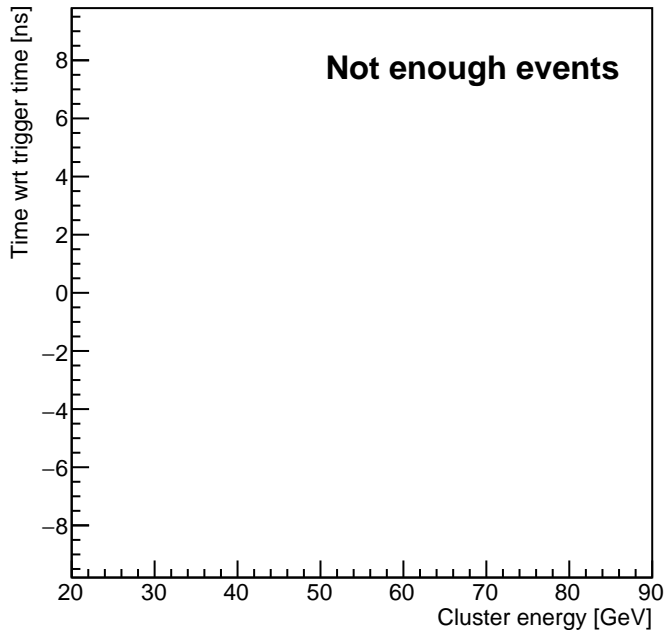
### Cluster time vs energy583



### Primitive time resolution 583



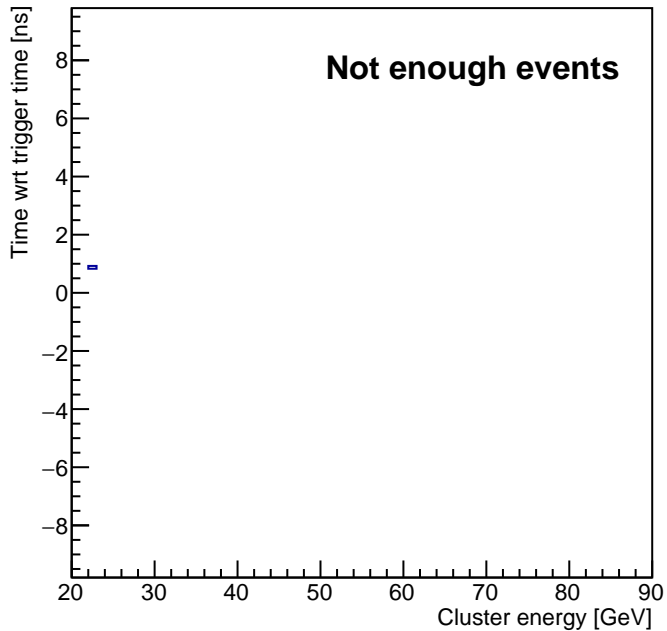
### Cluster time vs energy584



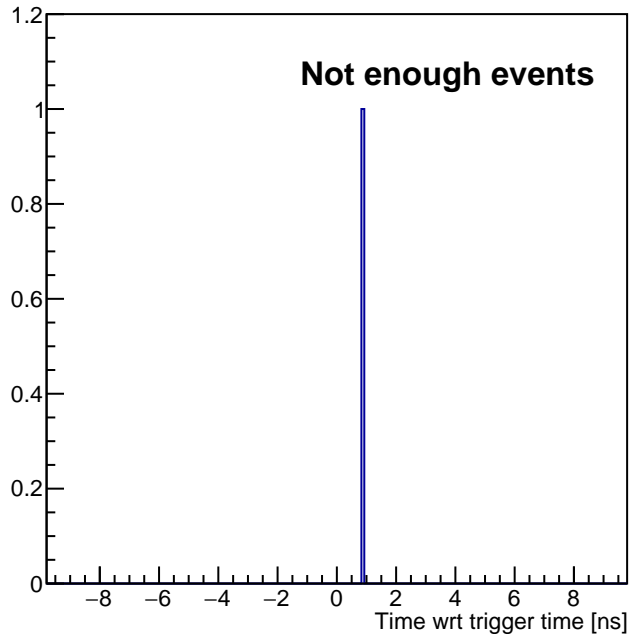
### Primitive time resolution 584



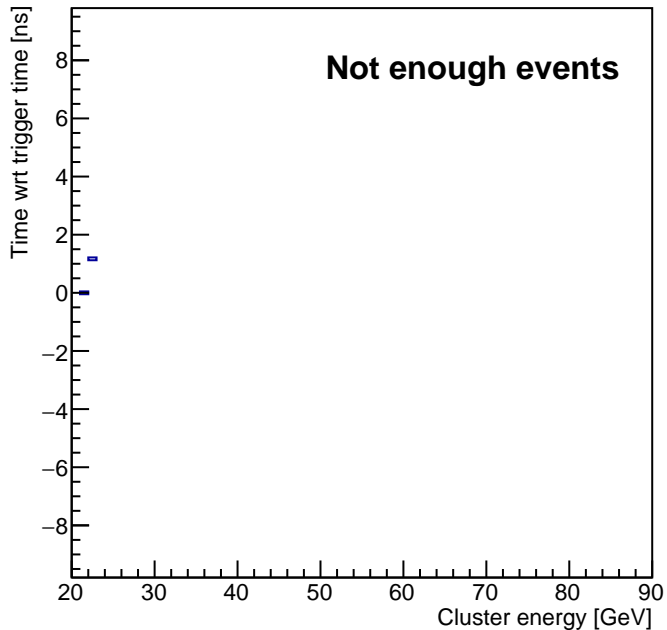
### Cluster time vs energy585



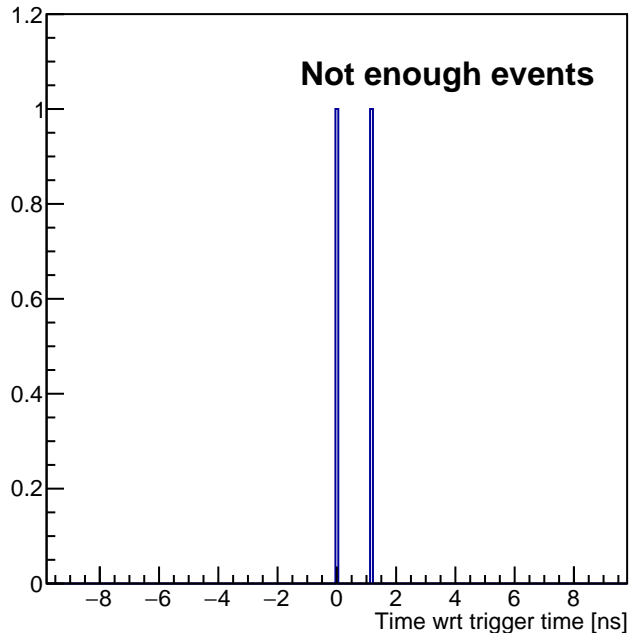
### Primitive time resolution 585



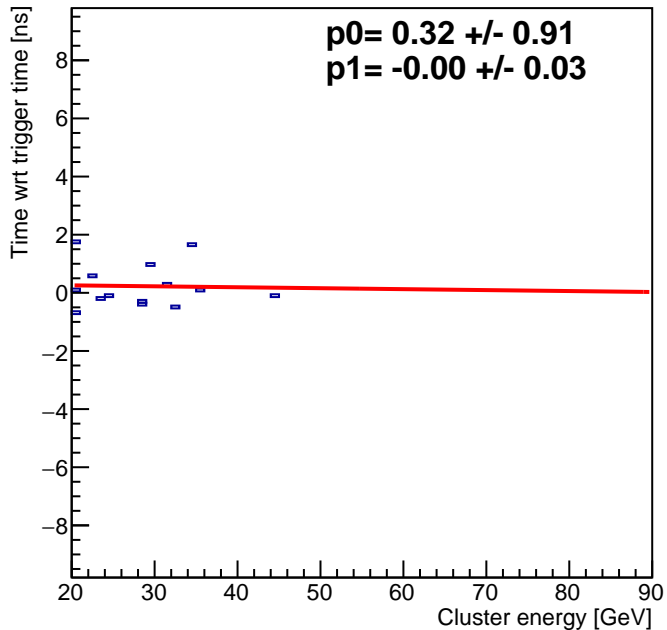
### Cluster time vs energy586



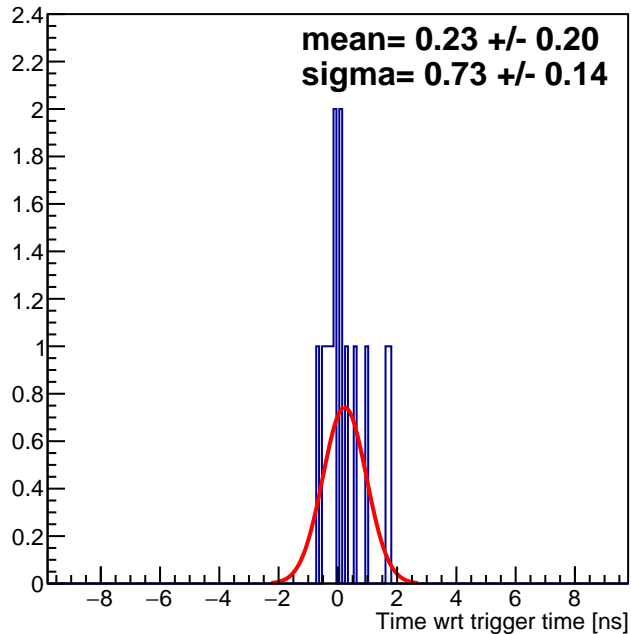
### Primitive time resolution 586



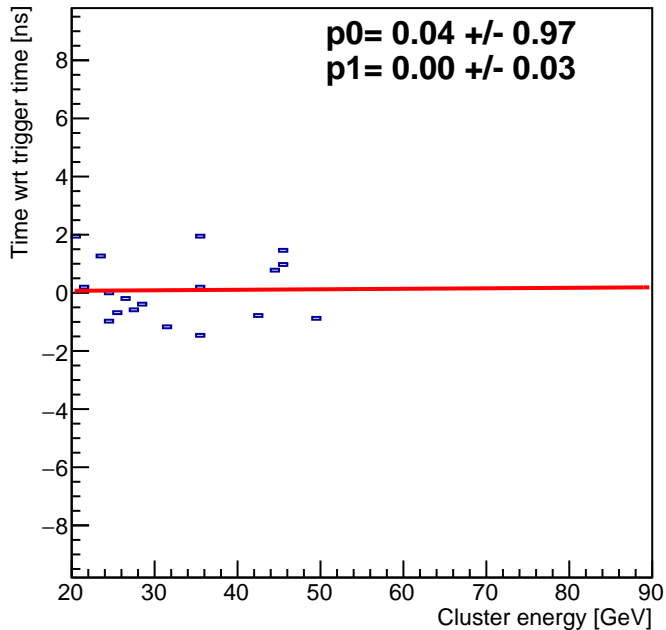
### Cluster time vs energy587



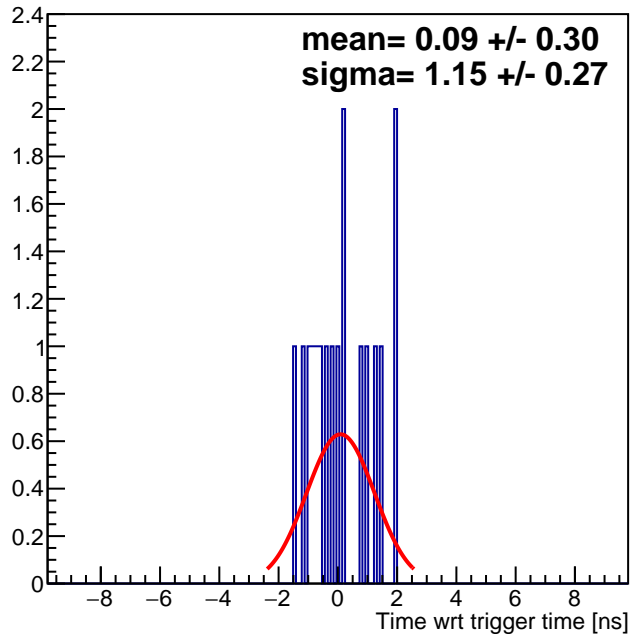
### Primitive time resolution 587



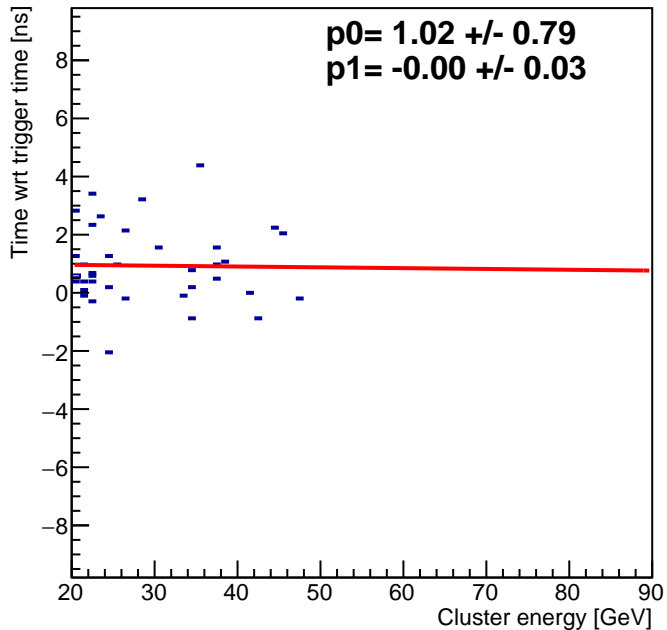
### Cluster time vs energy588



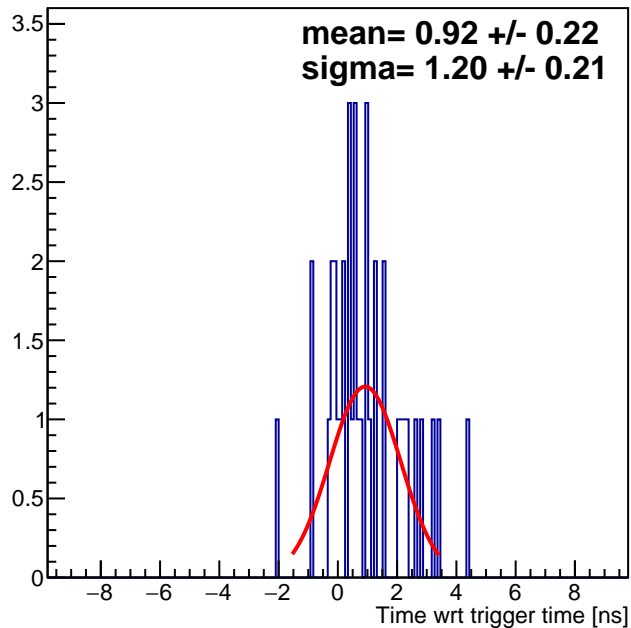
### Primitive time resolution 588



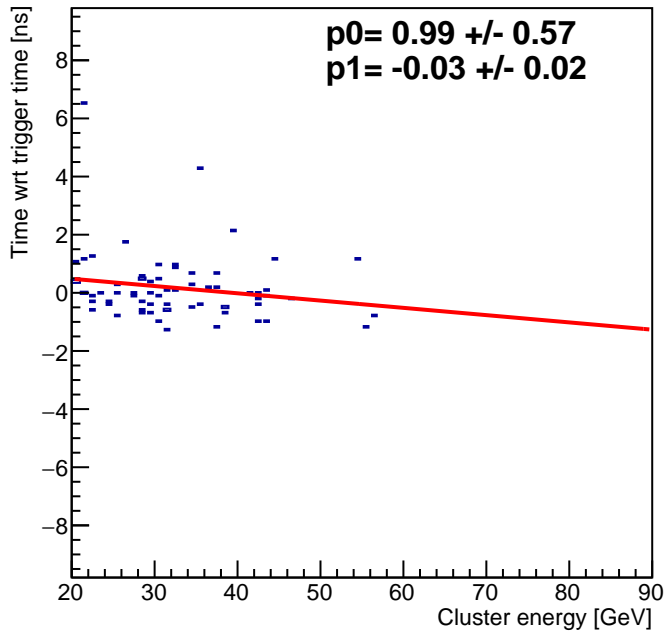
### Cluster time vs energy589



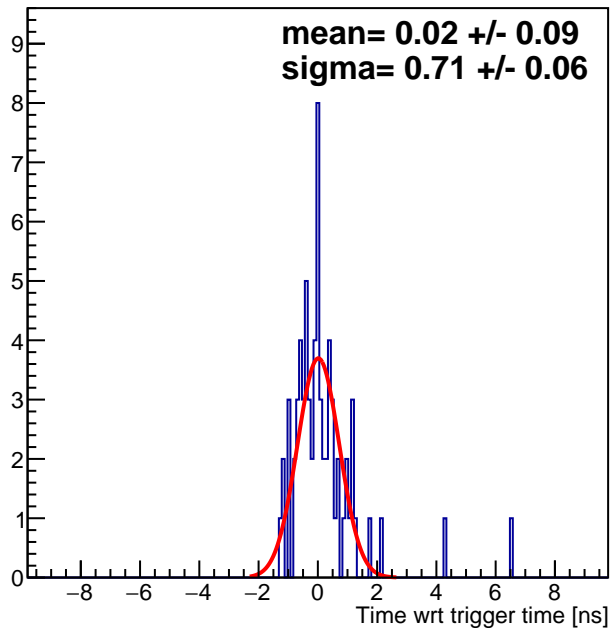
### Primitive time resolution 589



### Cluster time vs energy590

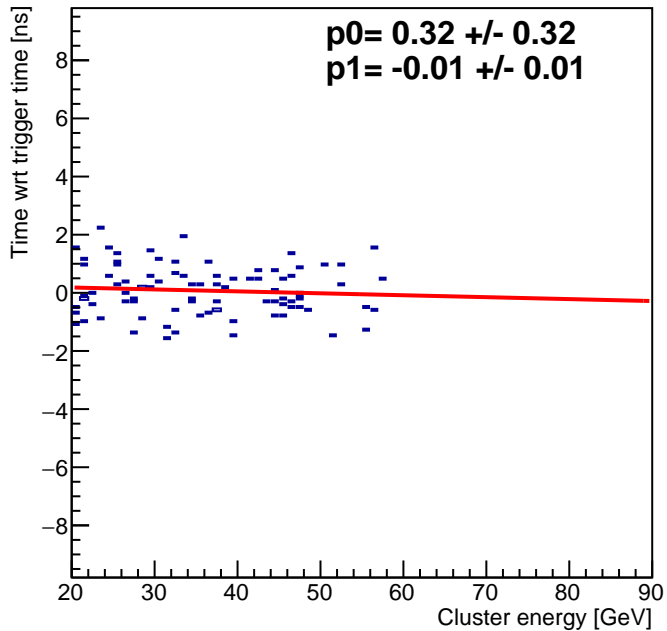


### Primitive time resolution 590

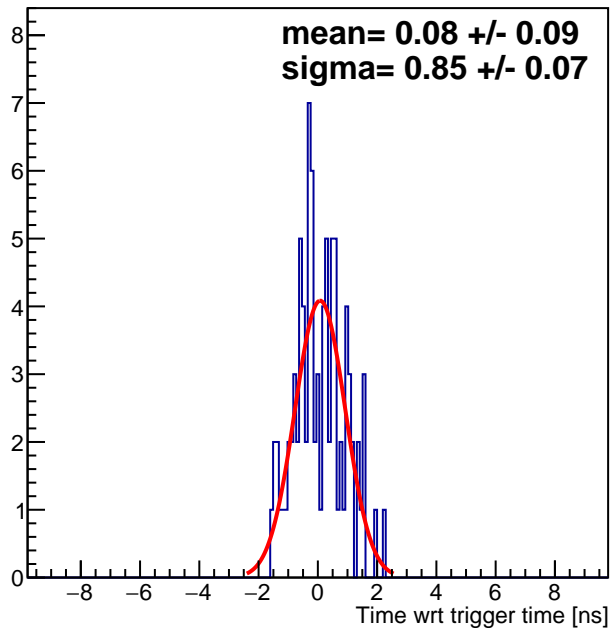




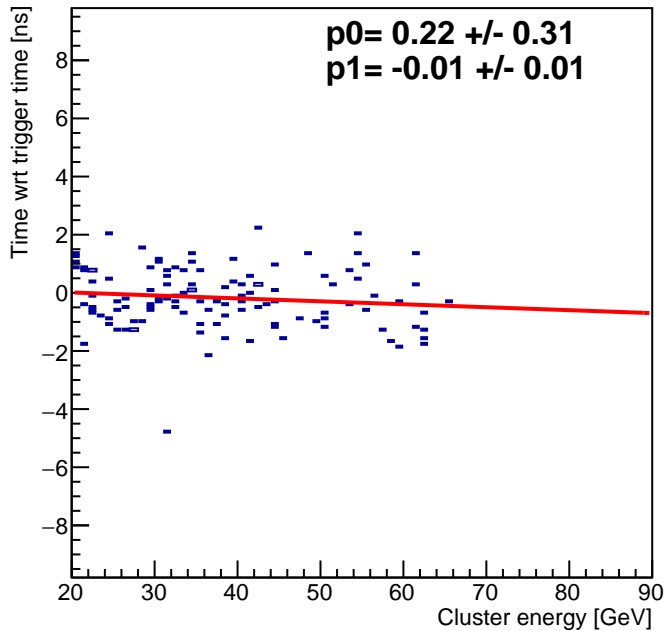
### Cluster time vs energy591



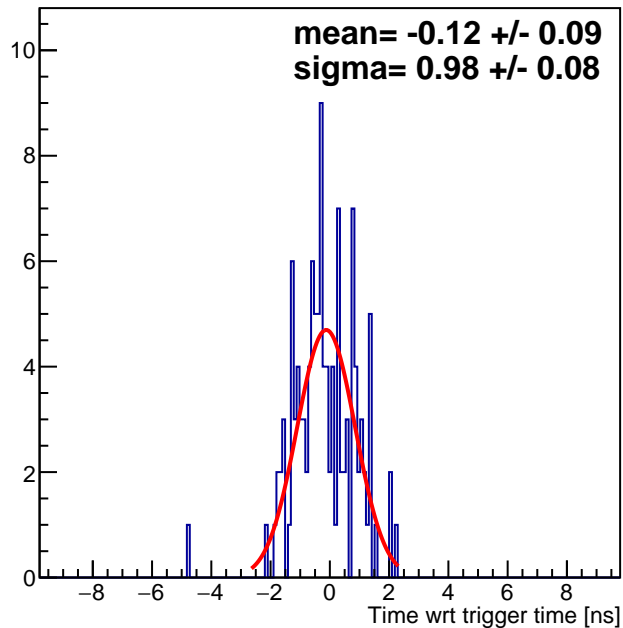
### Primitive time resolution 591



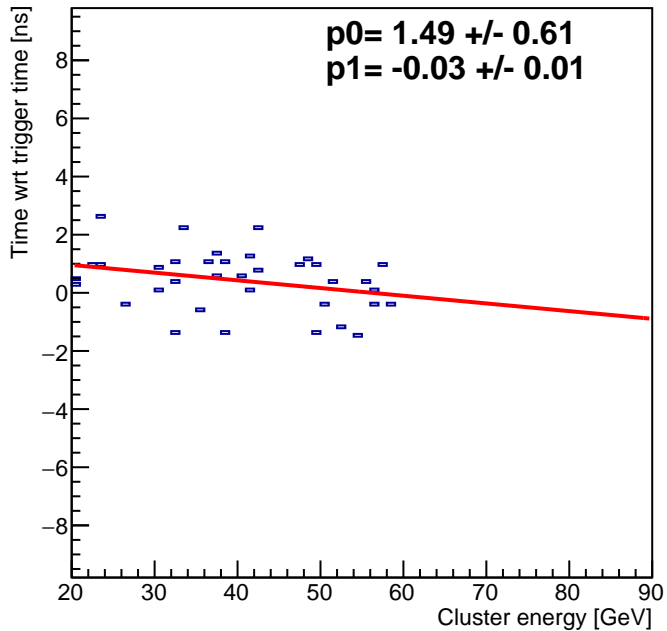
### Cluster time vs energy592



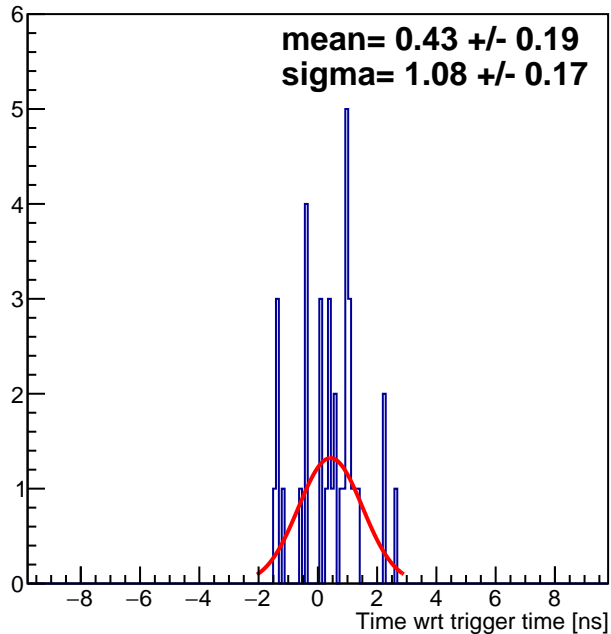
### Primitive time resolution 592



### Cluster time vs energy593



### Primitive time resolution 593



### Cluster time vs energy594



### Primitive time resolution 594



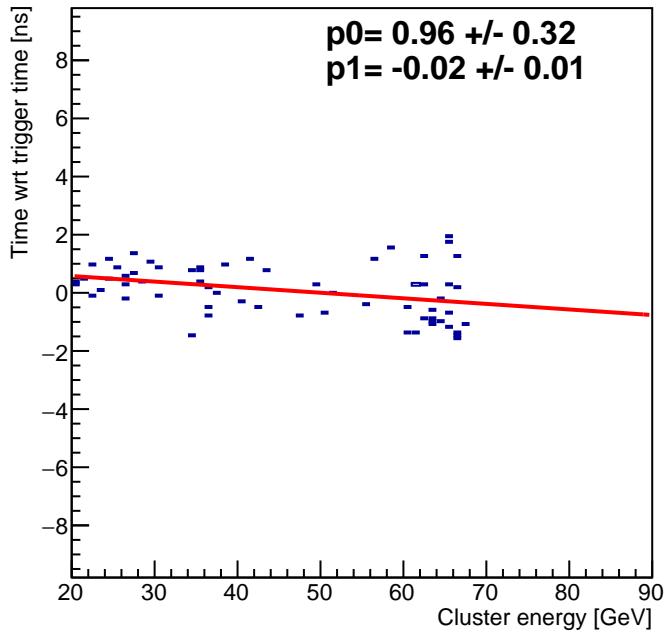
### Cluster time vs energy595



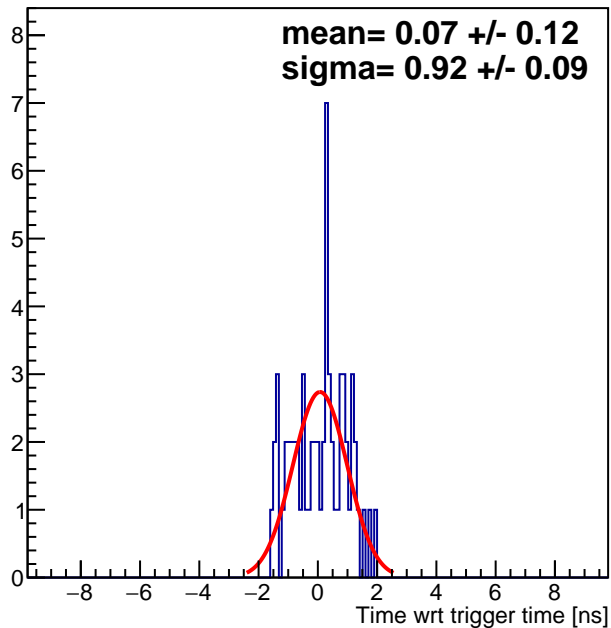
### Primitive time resolution 595



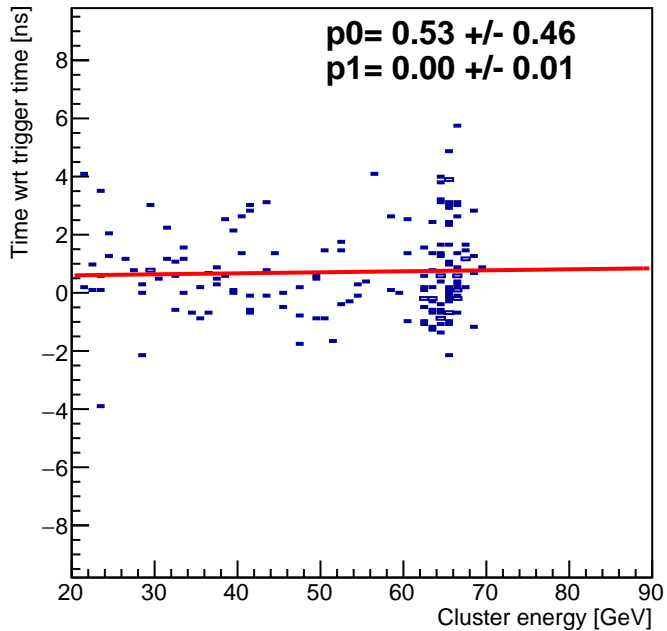
### Cluster time vs energy596



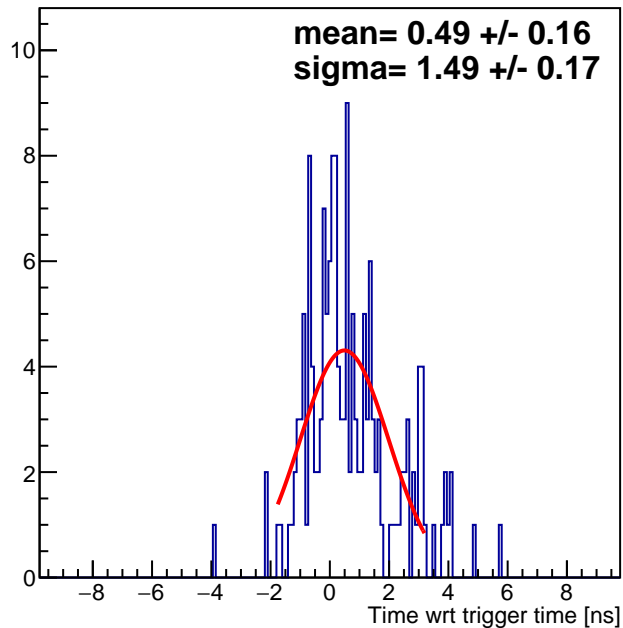
### Primitive time resolution 596



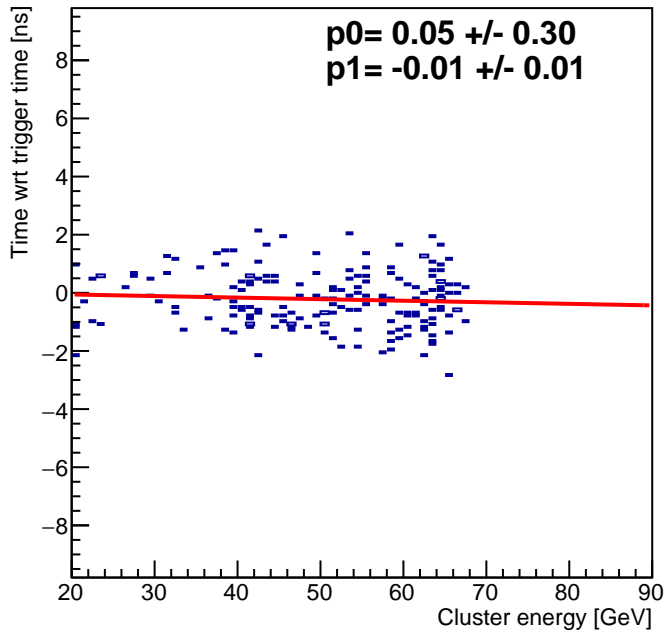
### Cluster time vs energy597



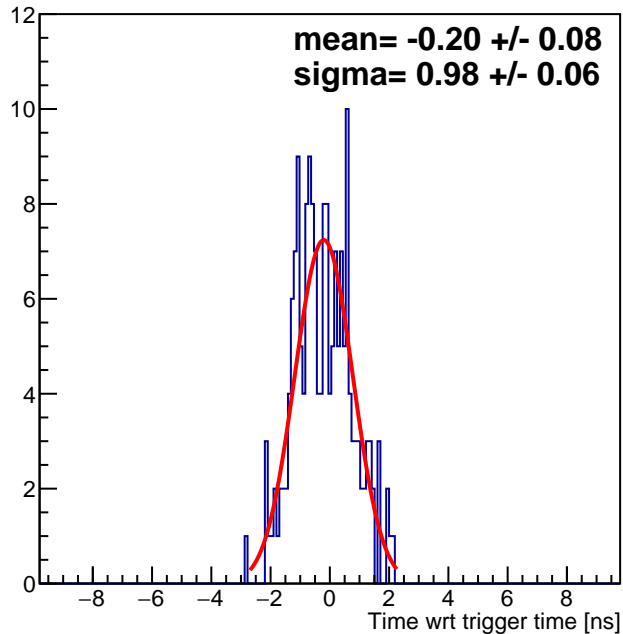
### Primitive time resolution 597



### Cluster time vs energy598

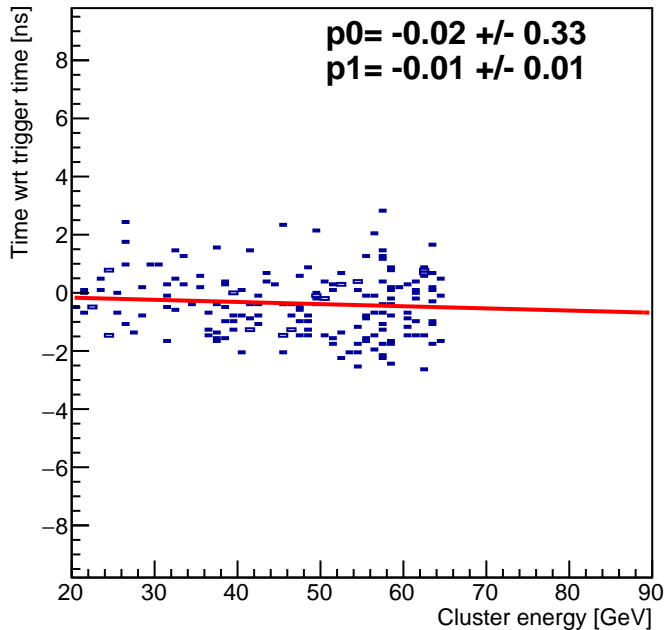


### Primitive time resolution 598

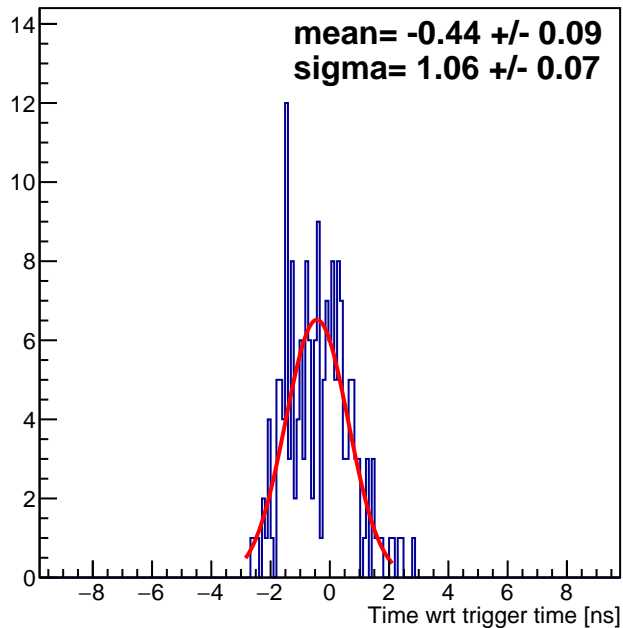




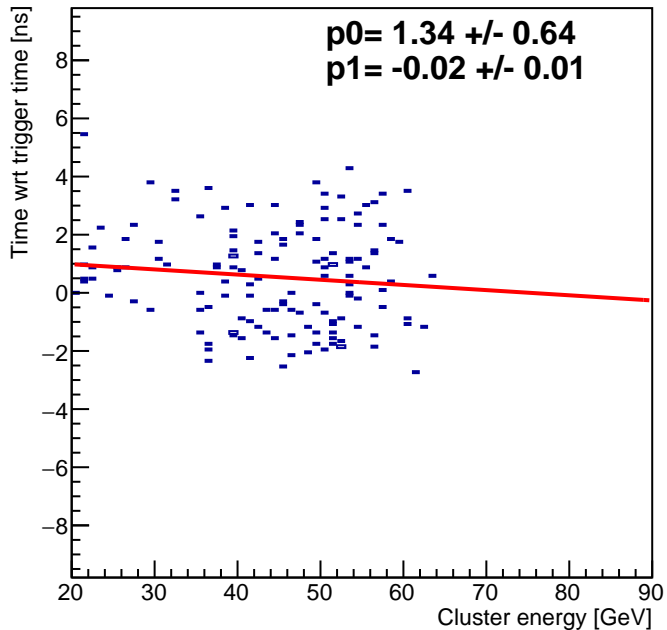
### Cluster time vs energy599



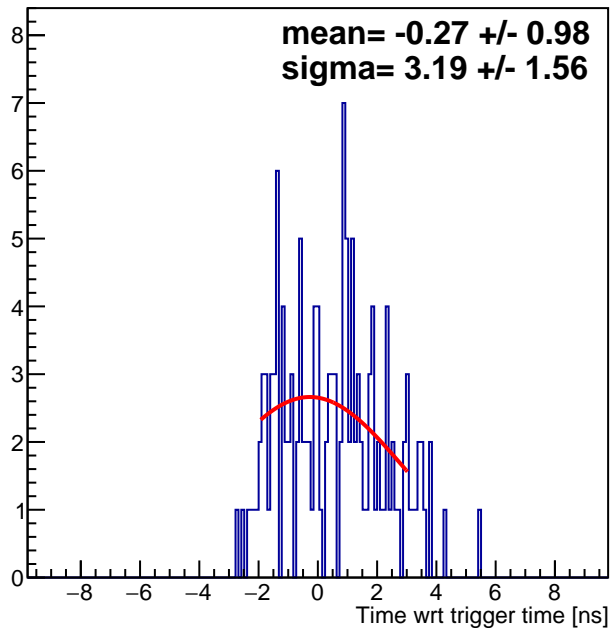
### Primitive time resolution 599



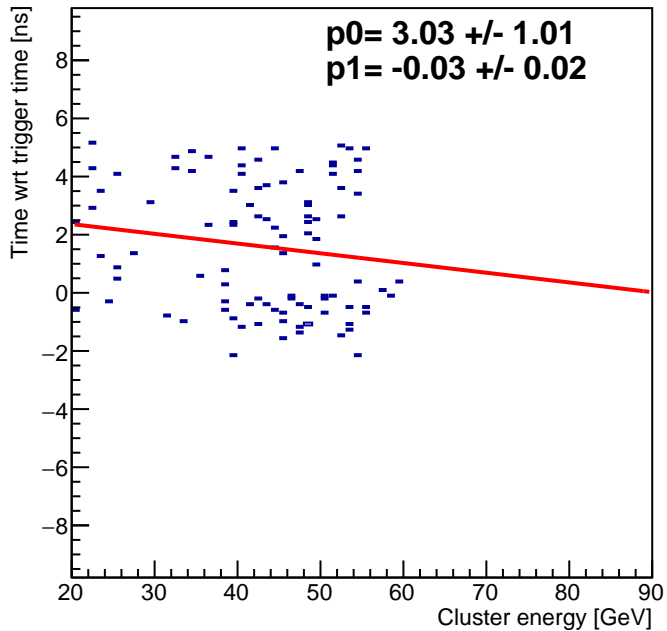
### Cluster time vs energy600



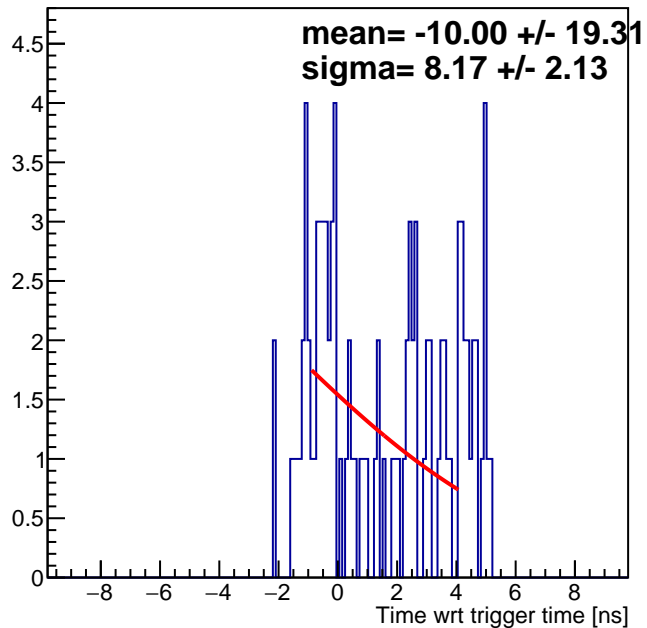
### Primitive time resolution 600



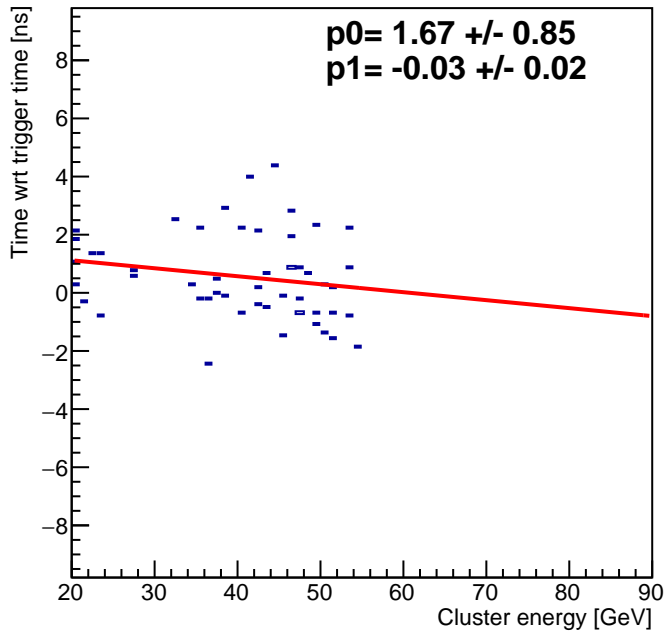
### Cluster time vs energy601



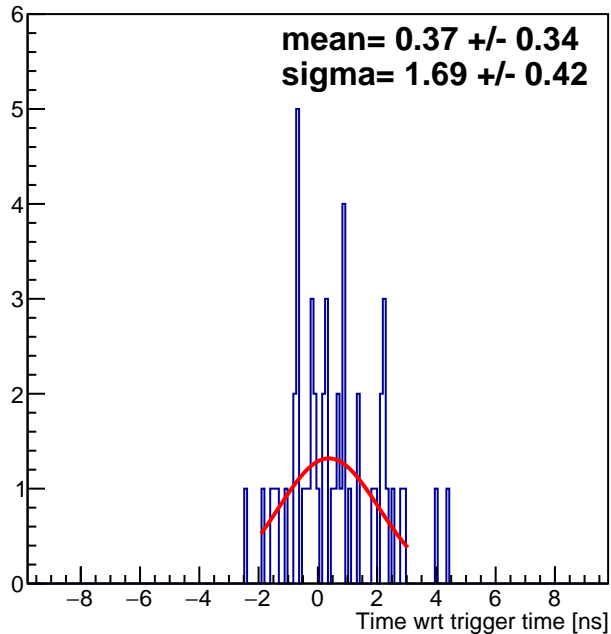
### Primitive time resolution 601



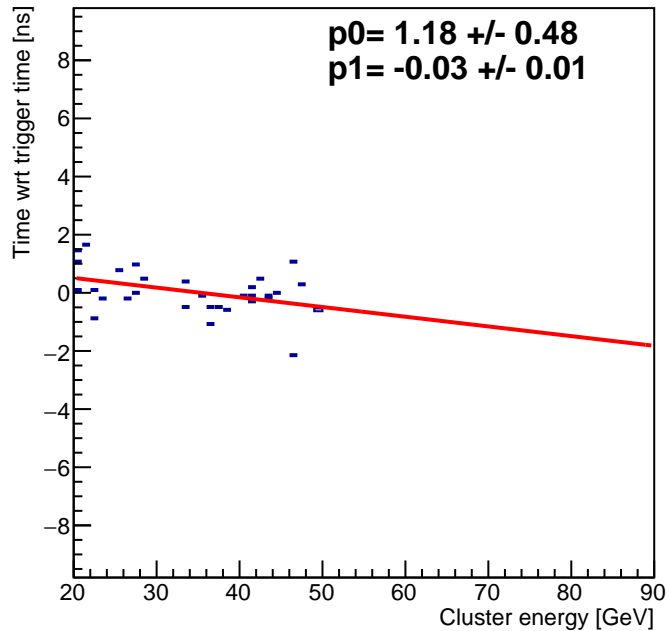
### Cluster time vs energy602



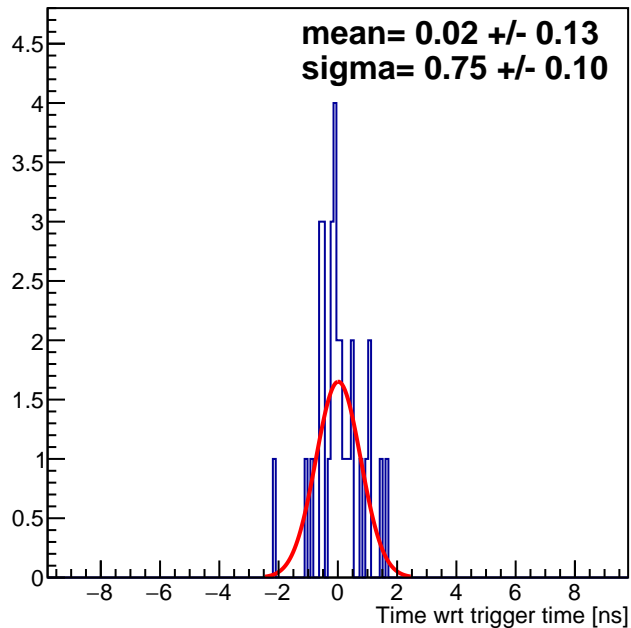
### Primitive time resolution 602



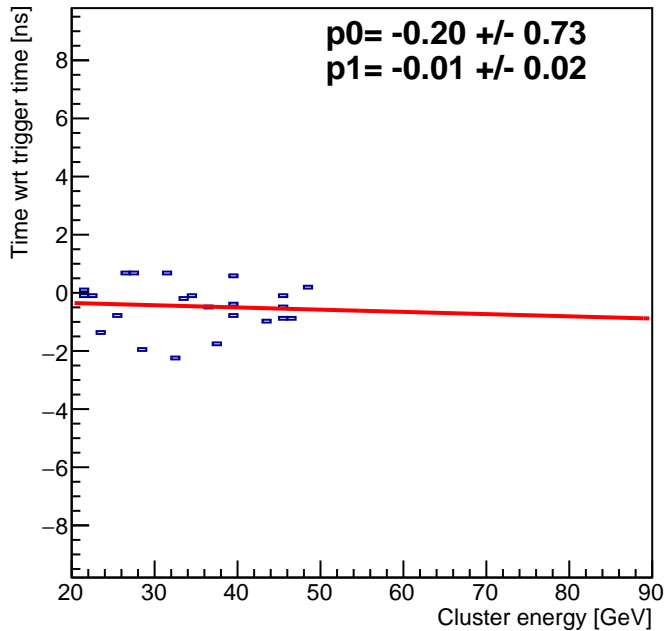
### Cluster time vs energy603



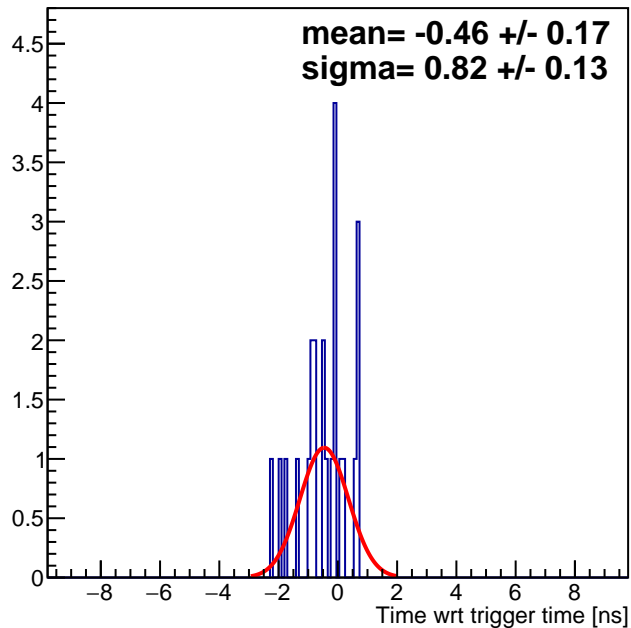
### Primitive time resolution 603



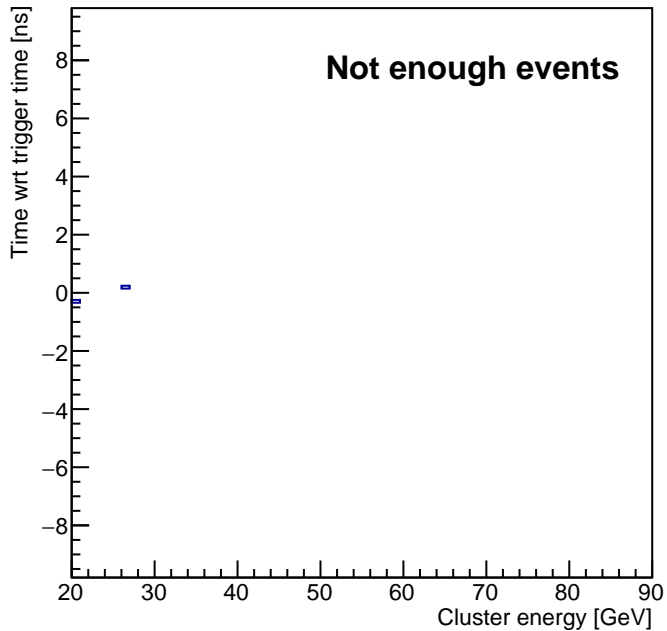
### Cluster time vs energy604



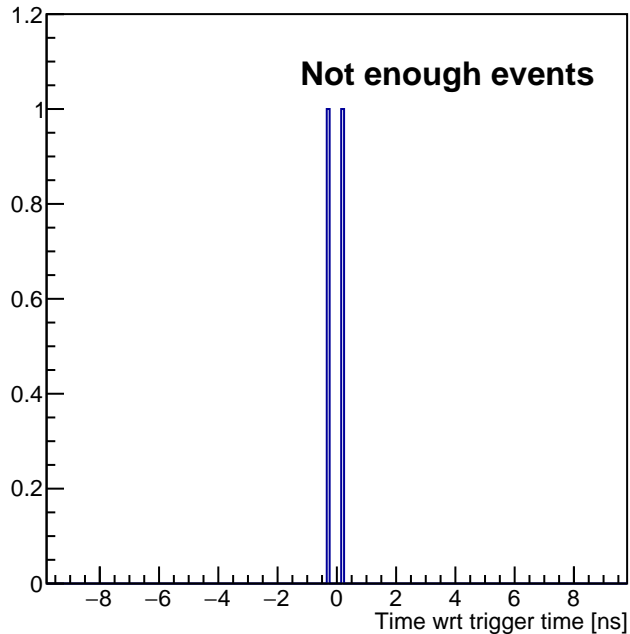
### Primitive time resolution 604



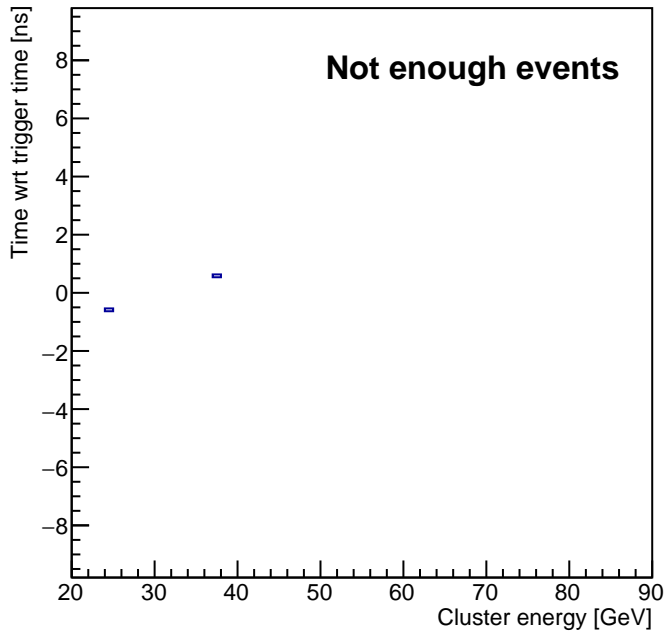
### Cluster time vs energy605



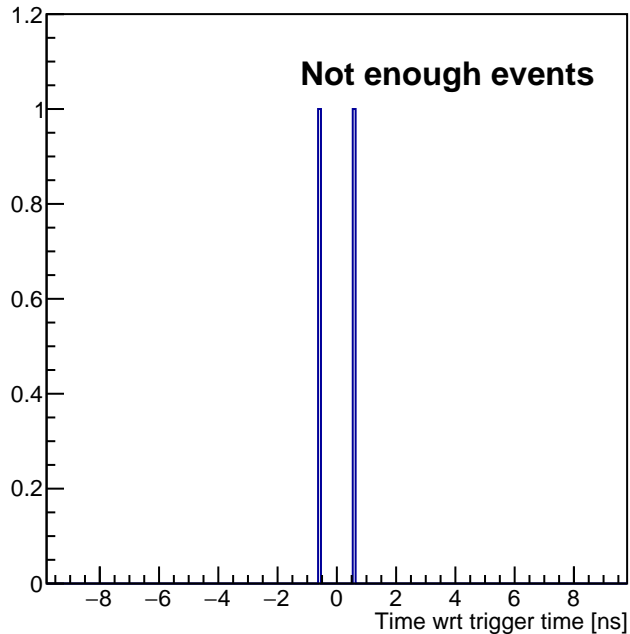
### Primitive time resolution 605



### Cluster time vs energy606

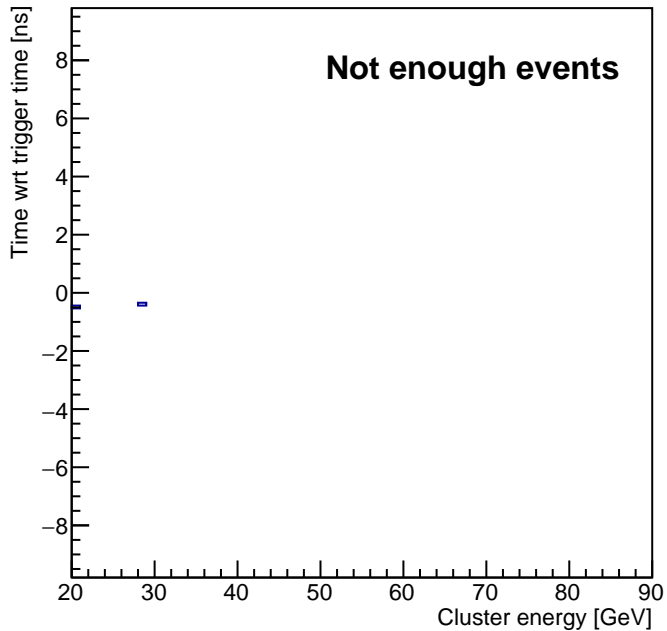


### Primitive time resolution 606

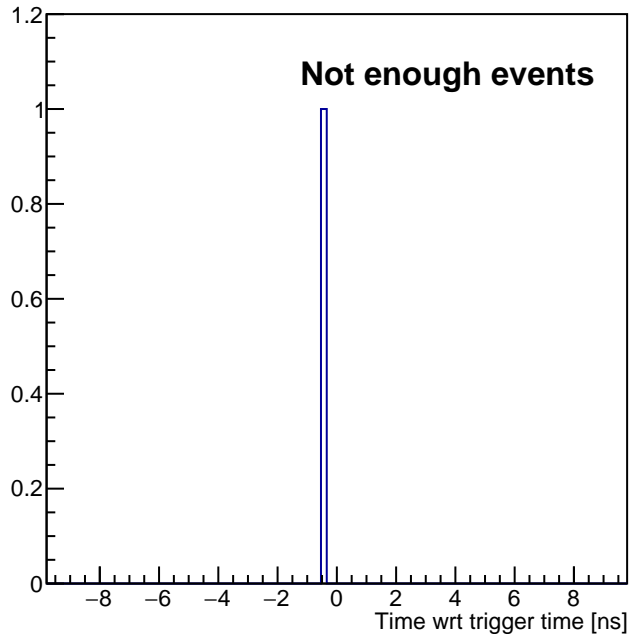




### Cluster time vs energy607



### Primitive time resolution 607



### Cluster time vs energy608



### Primitive time resolution 608



Cluster time vs energy609



Primitive time resolution 609



### Cluster time vs energy610



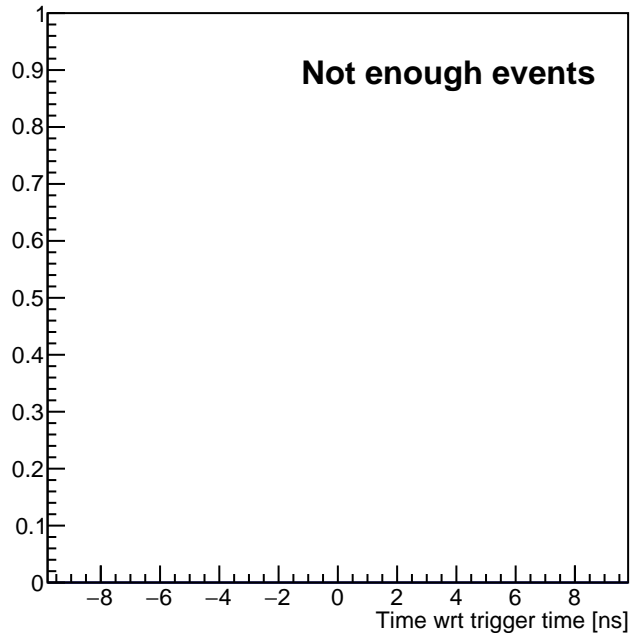
### Primitive time resolution 610



### Cluster time vs energy613



### Primitive time resolution 613



### Cluster time vs energy614



### Primitive time resolution 614



### Cluster time vs energy615



### Primitive time resolution 615



### Cluster time vs energy616



### Primitive time resolution 616





### Cluster time vs energy617



### Primitive time resolution 617



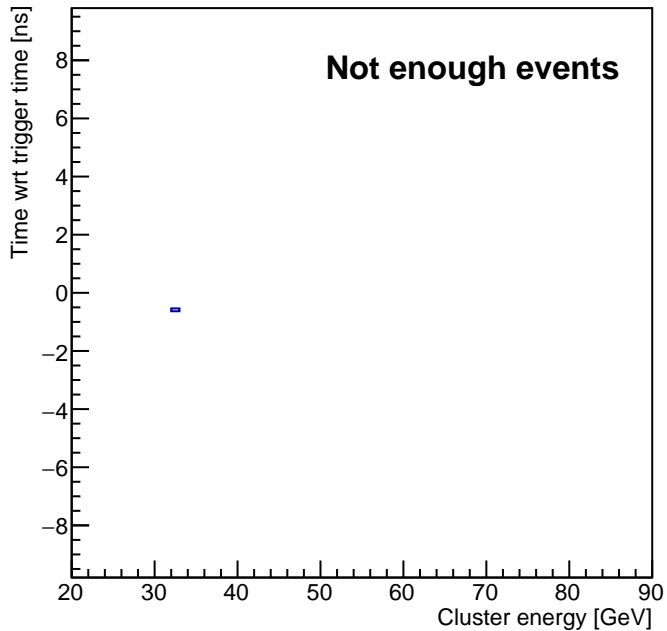
### Cluster time vs energy618



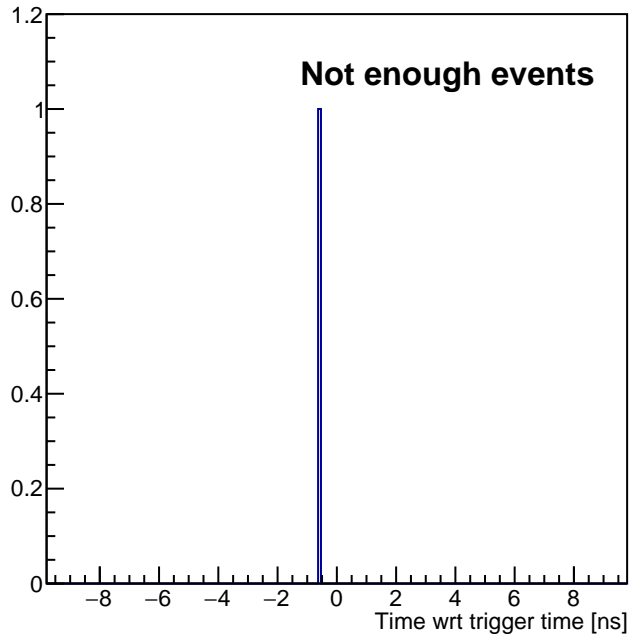
### Primitive time resolution 618



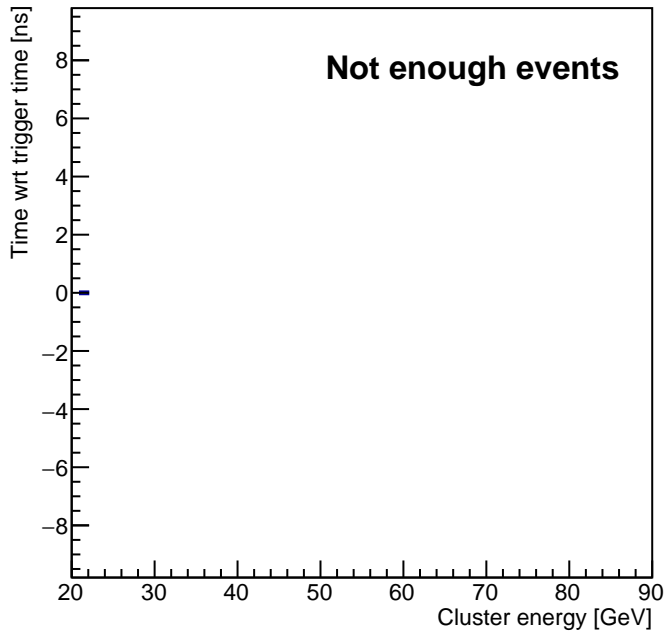
### Cluster time vs energy619



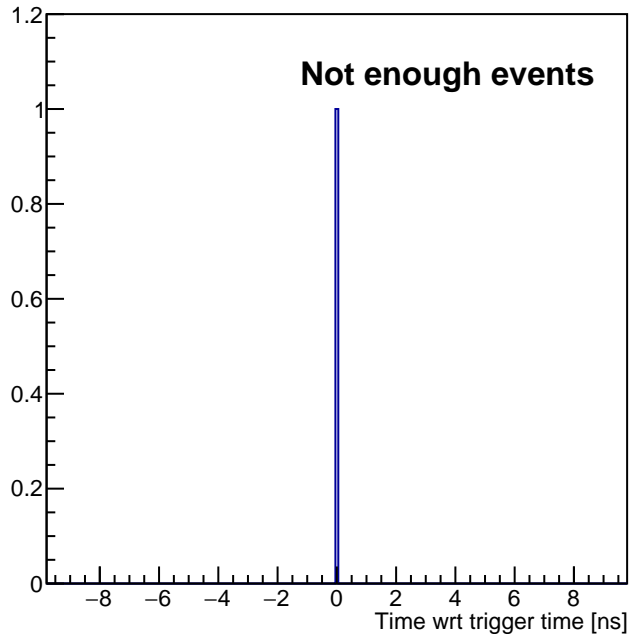
### Primitive time resolution 619



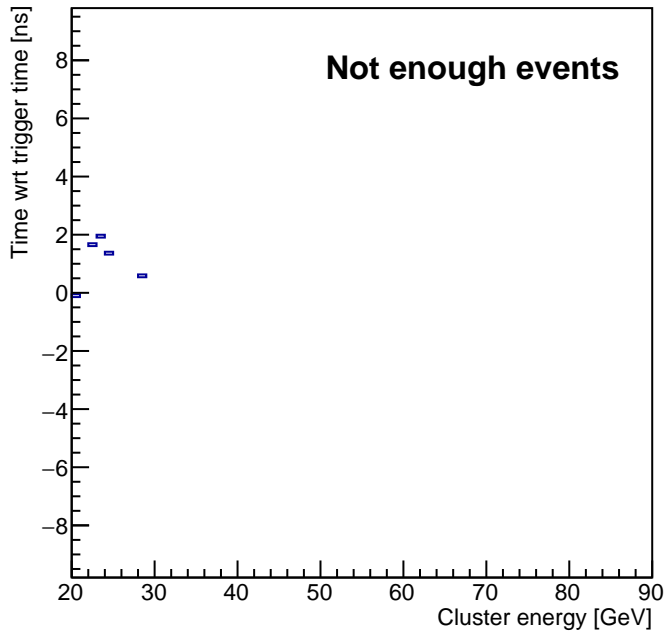
### Cluster time vs energy620



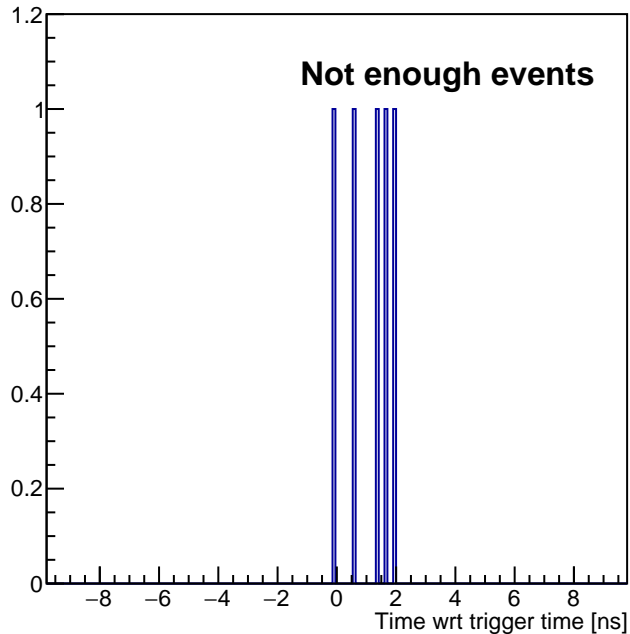
### Primitive time resolution 620



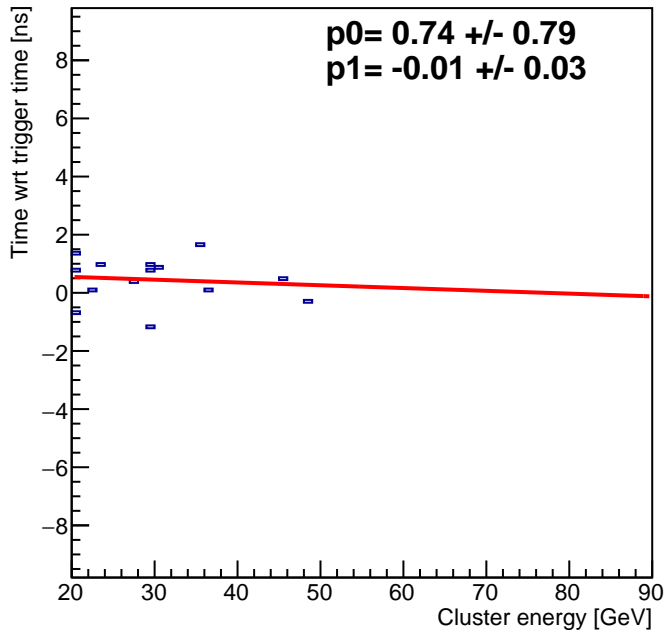
### Cluster time vs energy621



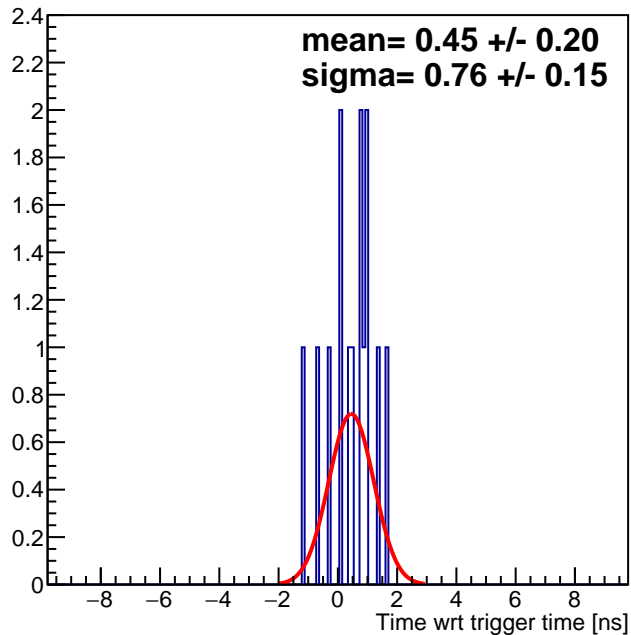
### Primitive time resolution 621



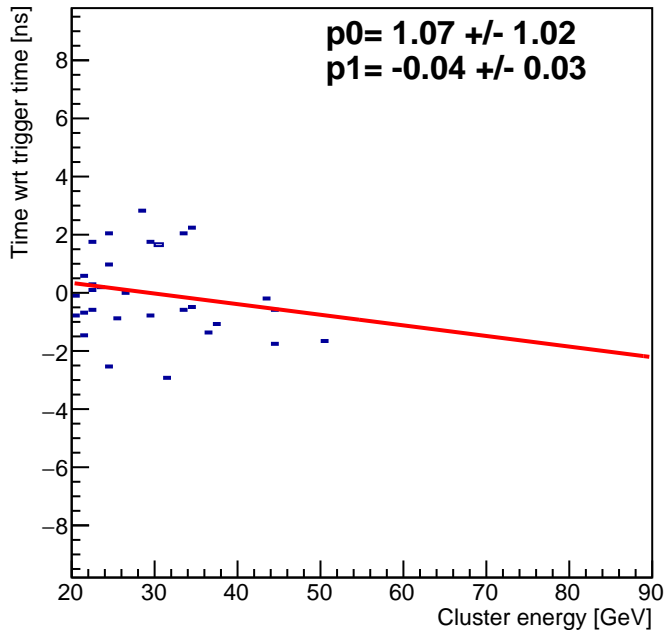
Cluster time vs energy622



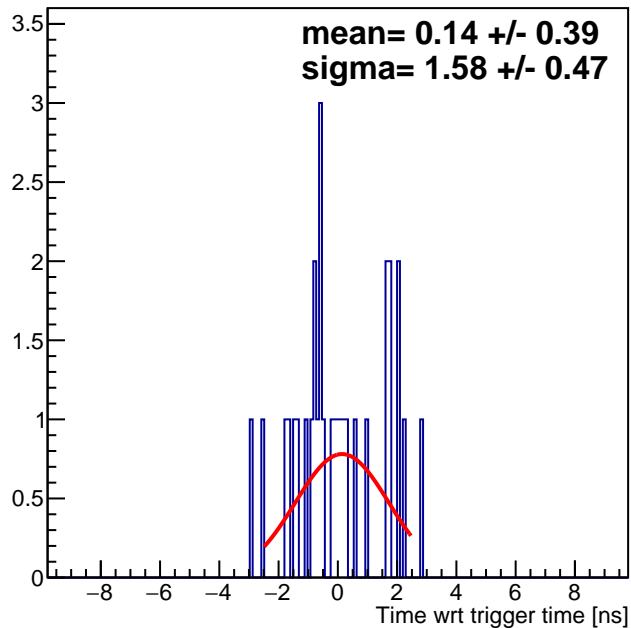
Primitive time resolution 622



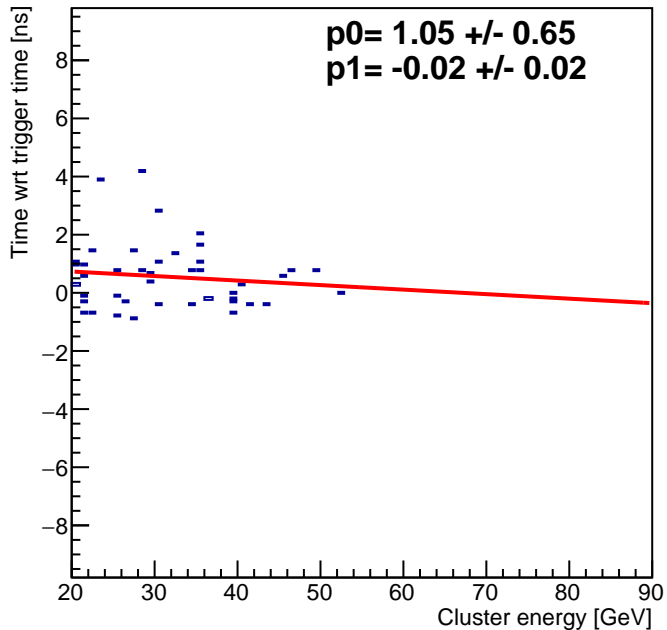
### Cluster time vs energy623



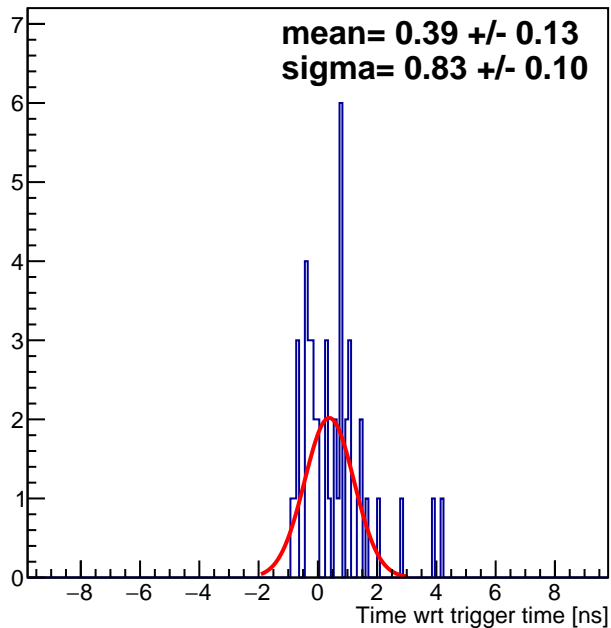
### Primitive time resolution 623



### Cluster time vs energy624

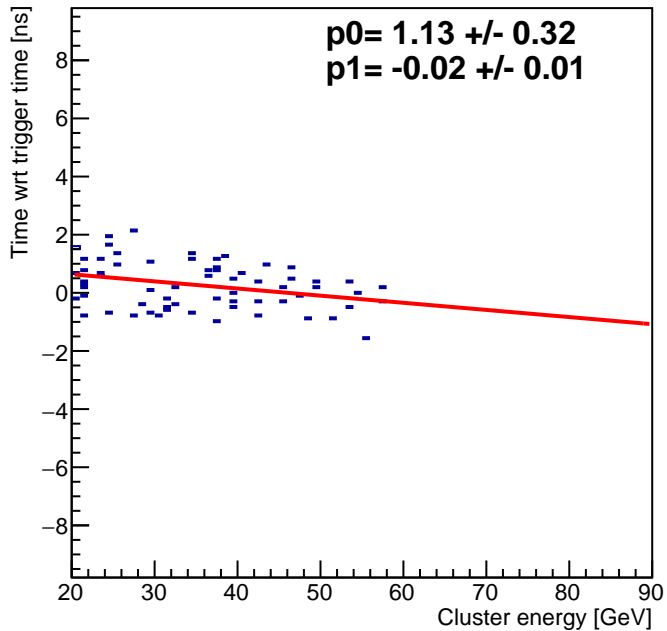


### Primitive time resolution 624

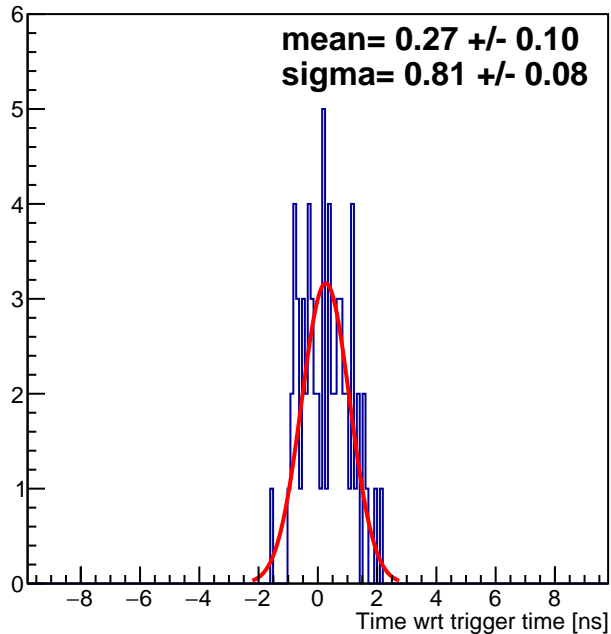




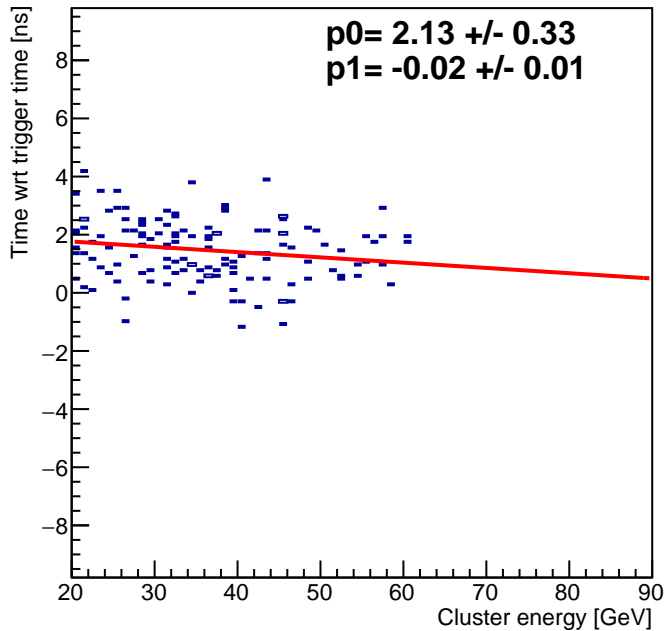
### Cluster time vs energy625



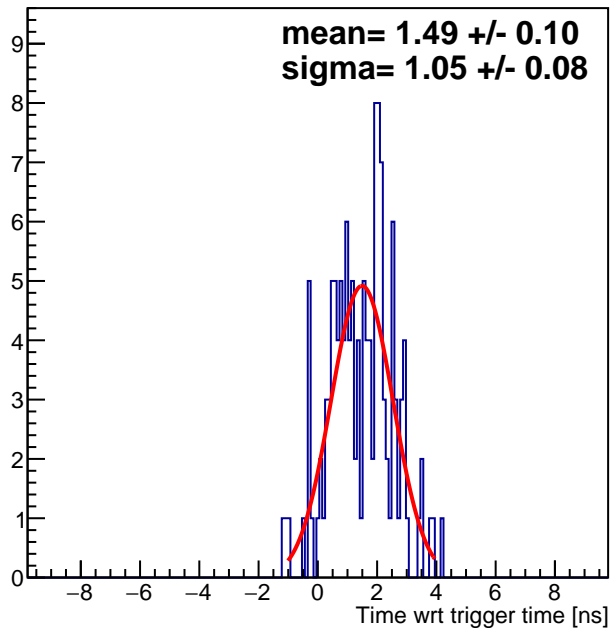
### Primitive time resolution 625



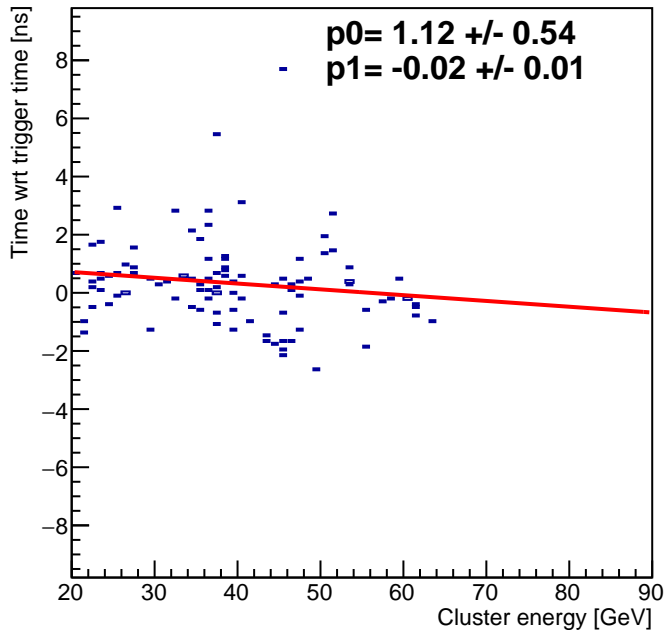
### Cluster time vs energy626



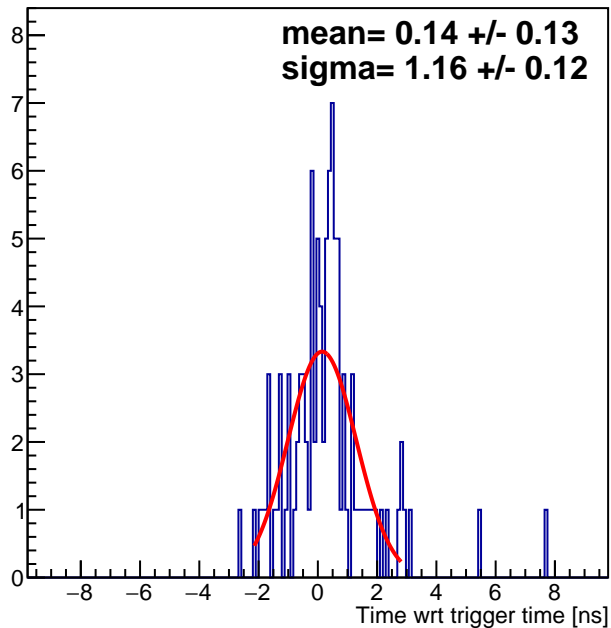
### Primitive time resolution 626



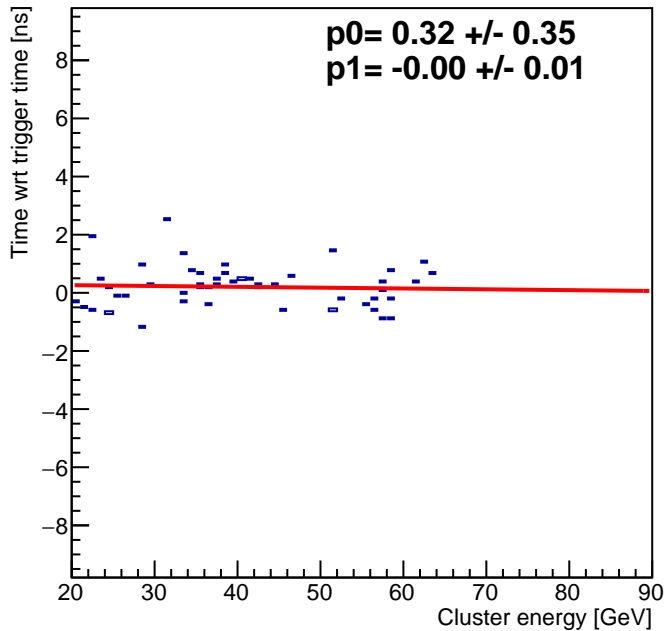
### Cluster time vs energy627



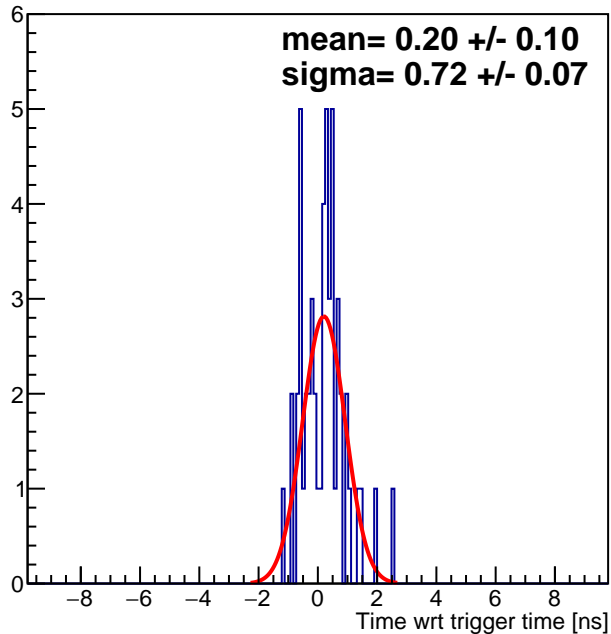
### Primitive time resolution 627



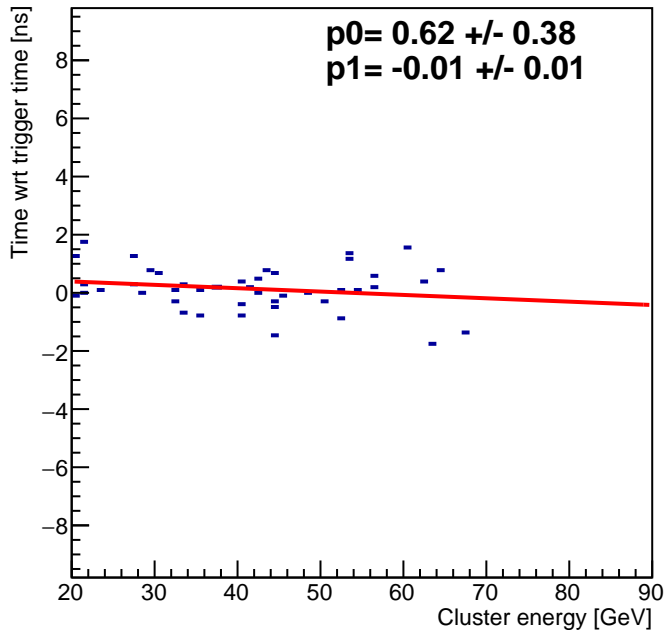
### Cluster time vs energy628



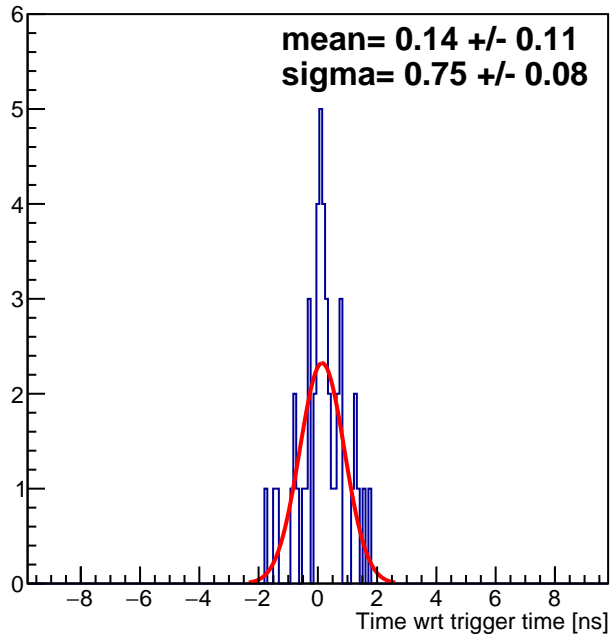
### Primitive time resolution 628



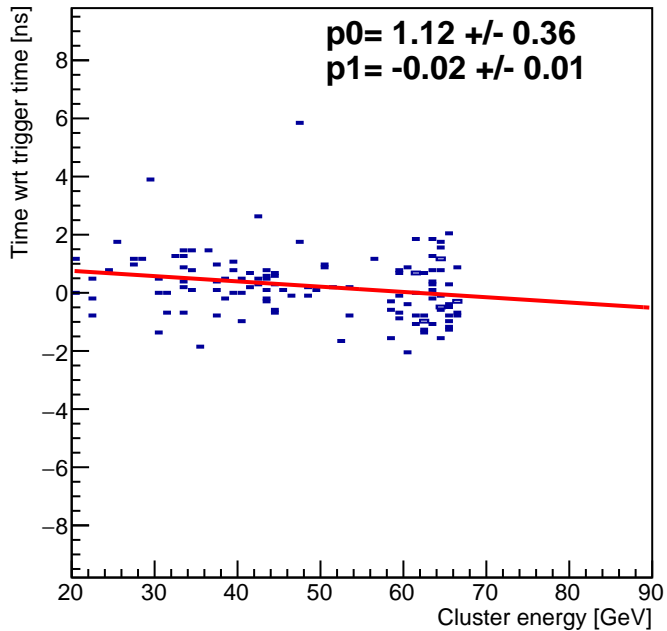
### Cluster time vs energy629



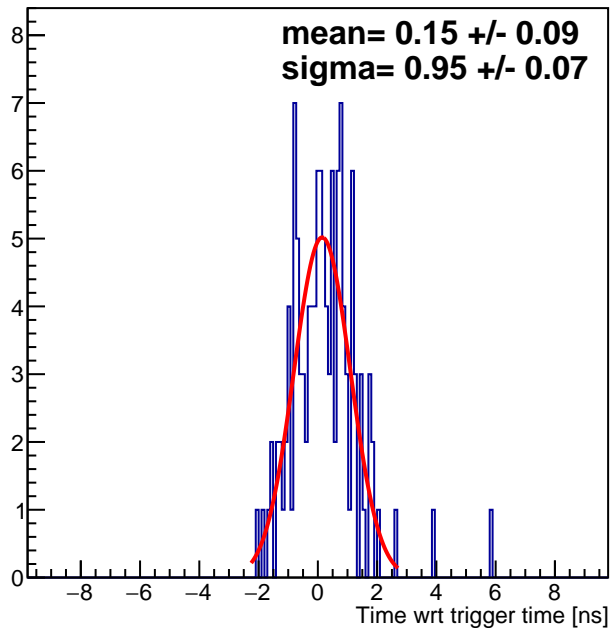
### Primitive time resolution 629



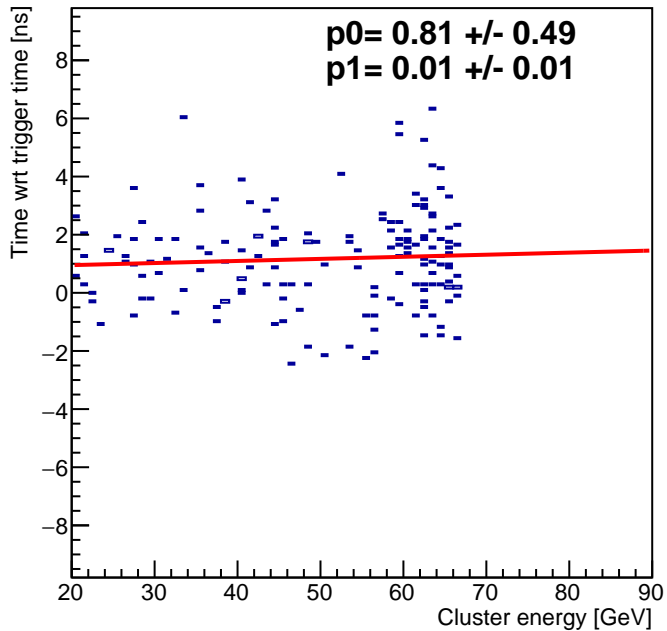
### Cluster time vs energy630



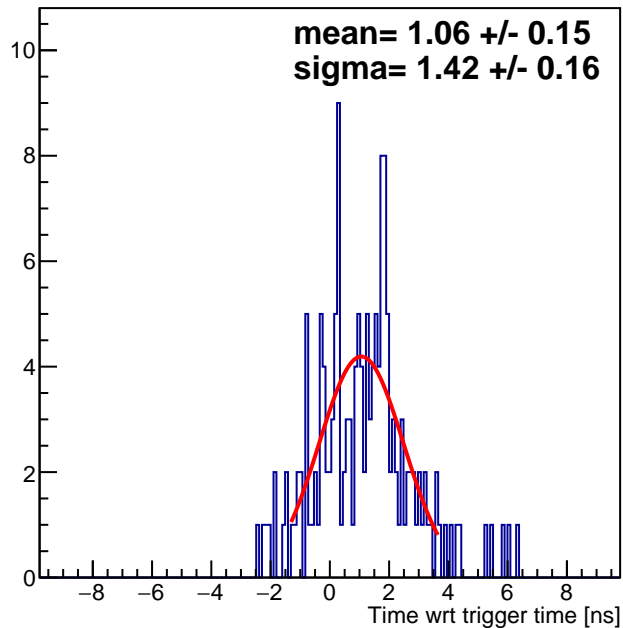
### Primitive time resolution 630



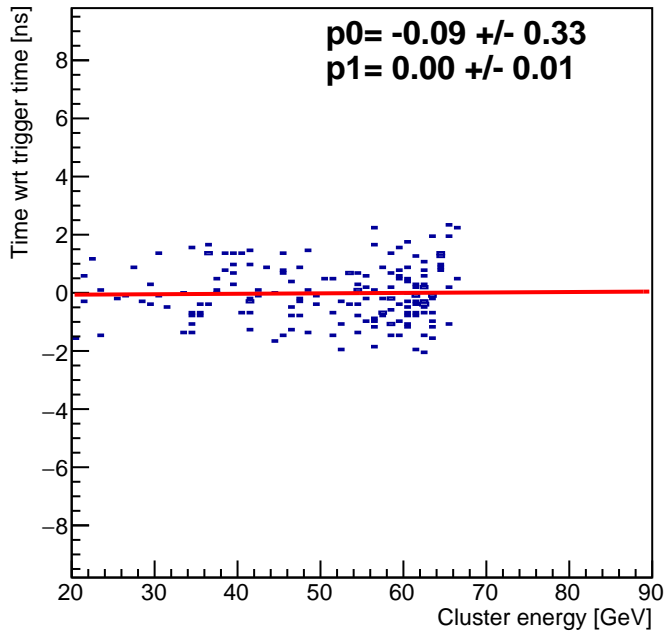
### Cluster time vs energy631



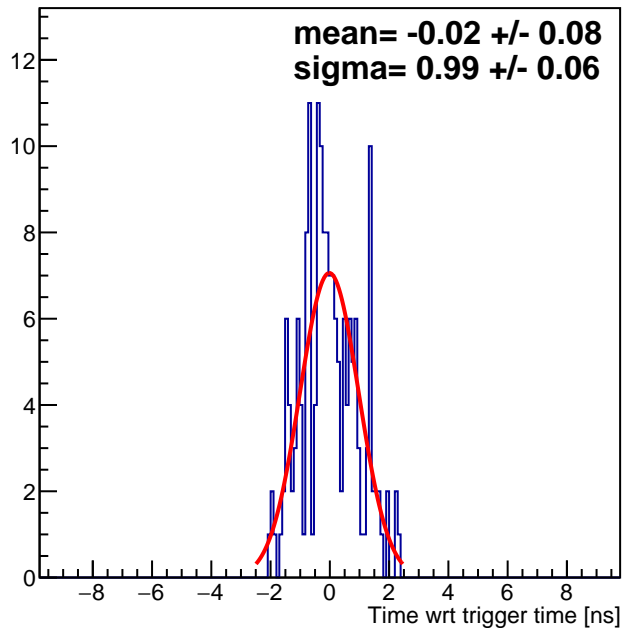
### Primitive time resolution 631



### Cluster time vs energy632

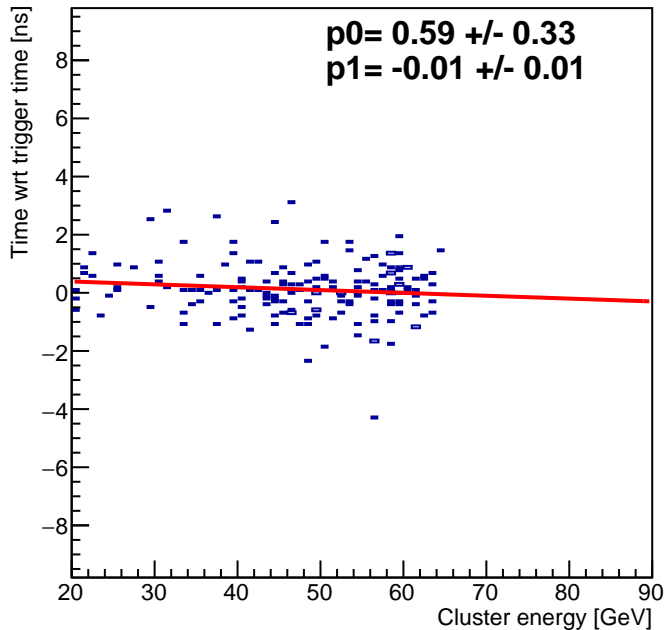


### Primitive time resolution 632

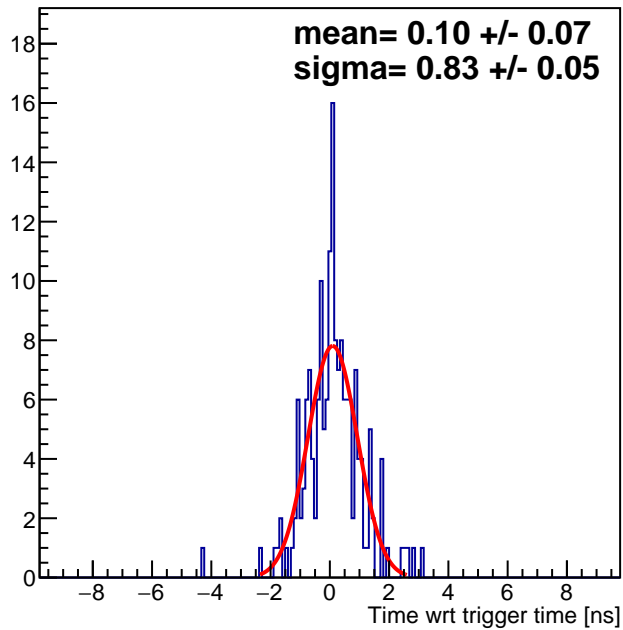




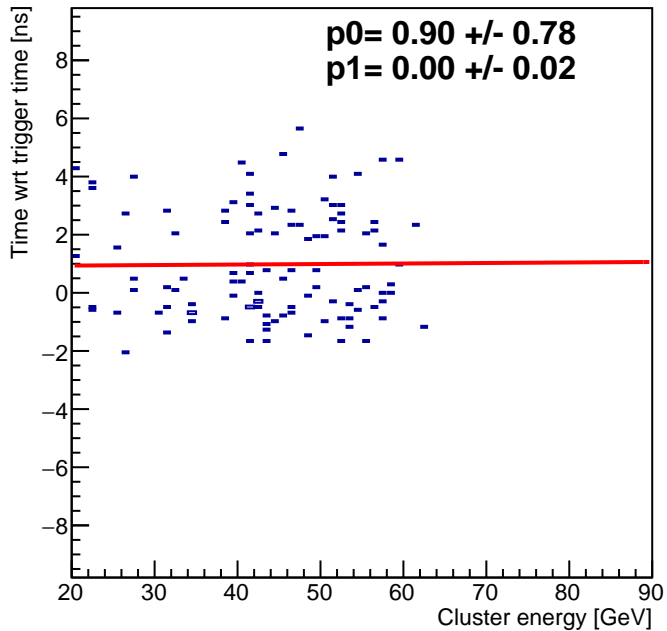
### Cluster time vs energy633



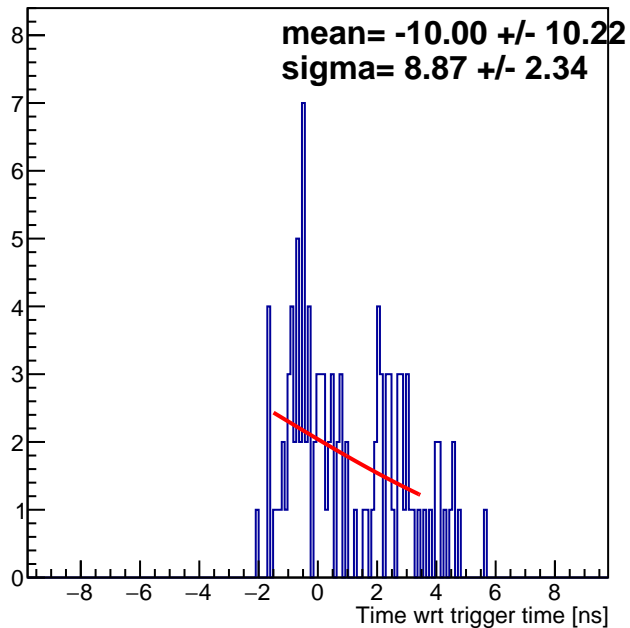
### Primitive time resolution 633



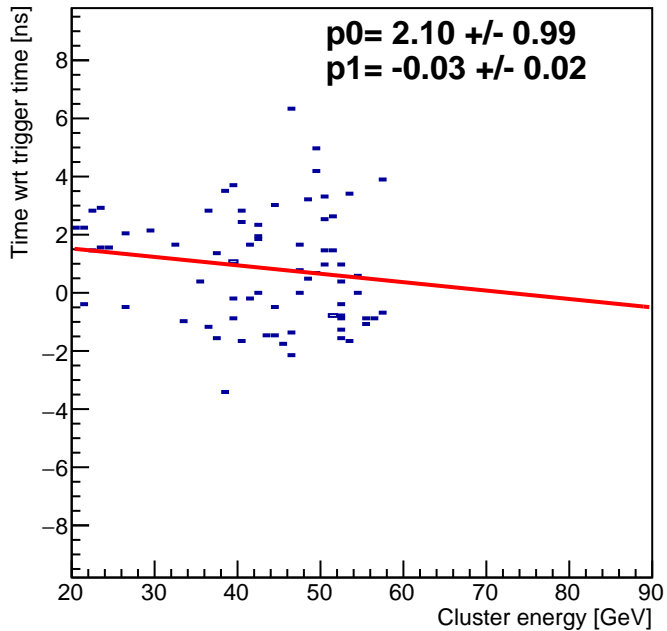
### Cluster time vs energy634



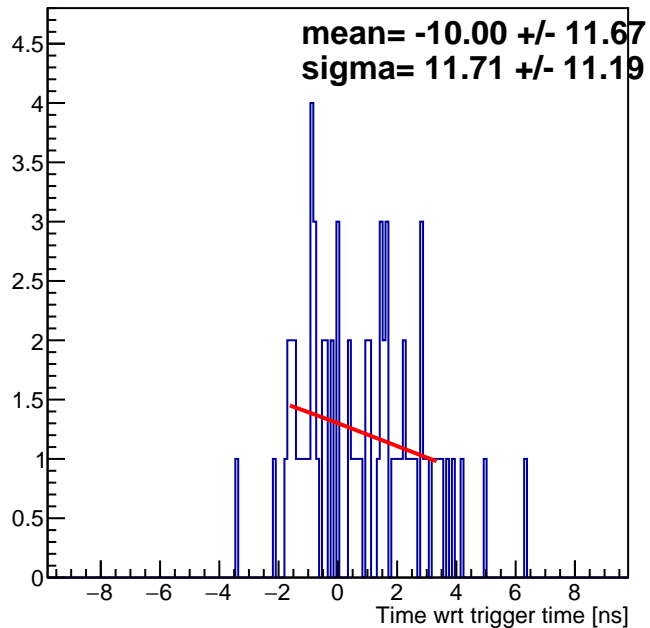
### Primitive time resolution 634



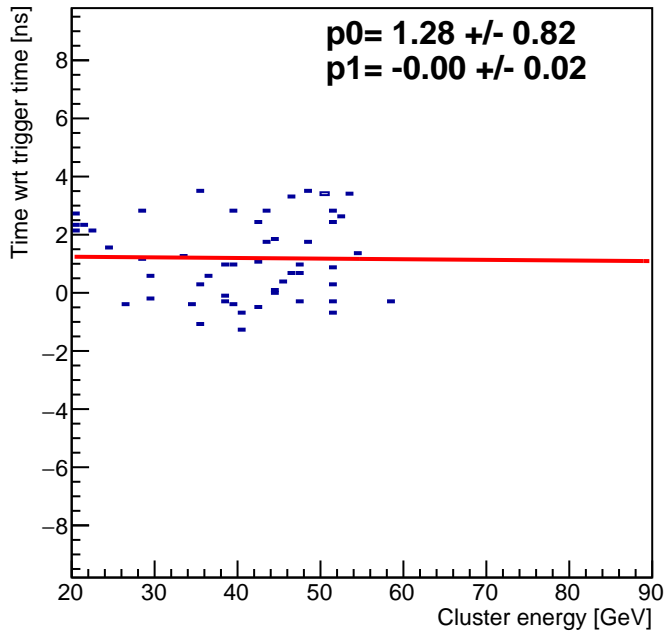
### Cluster time vs energy635



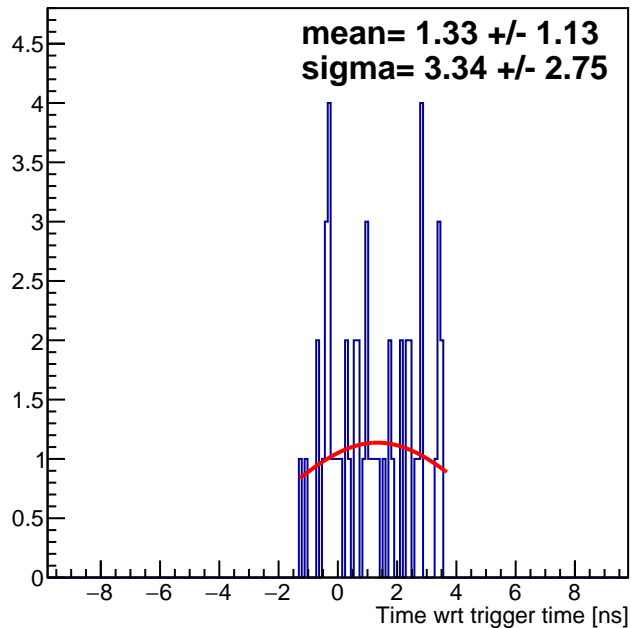
### Primitive time resolution 635



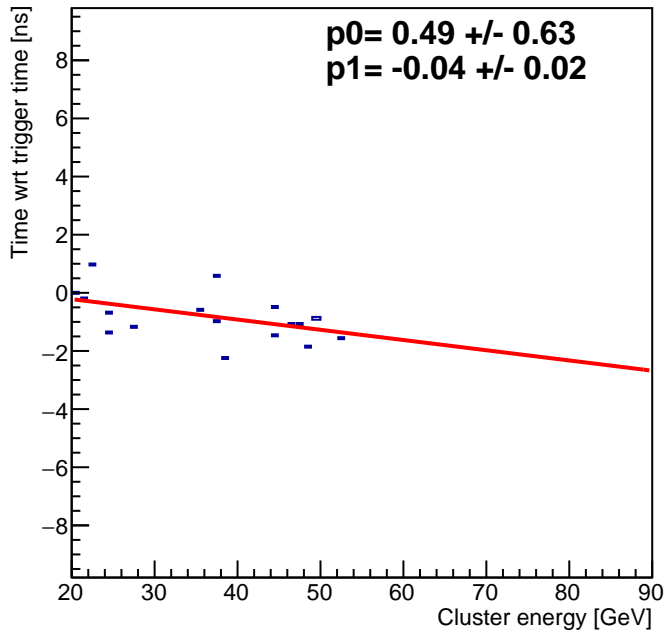
### Cluster time vs energy636



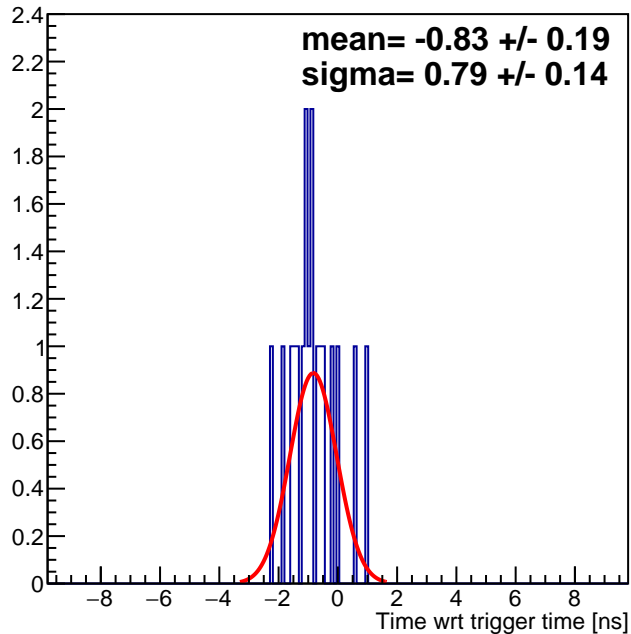
### Primitive time resolution 636



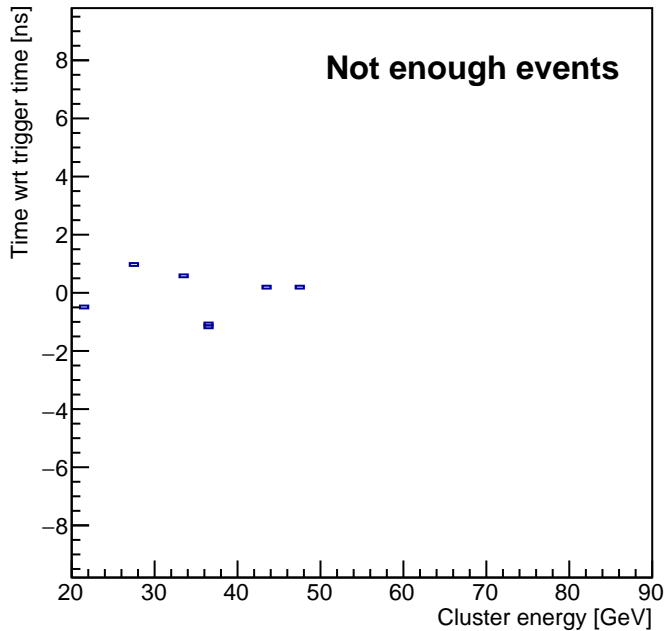
### Cluster time vs energy637



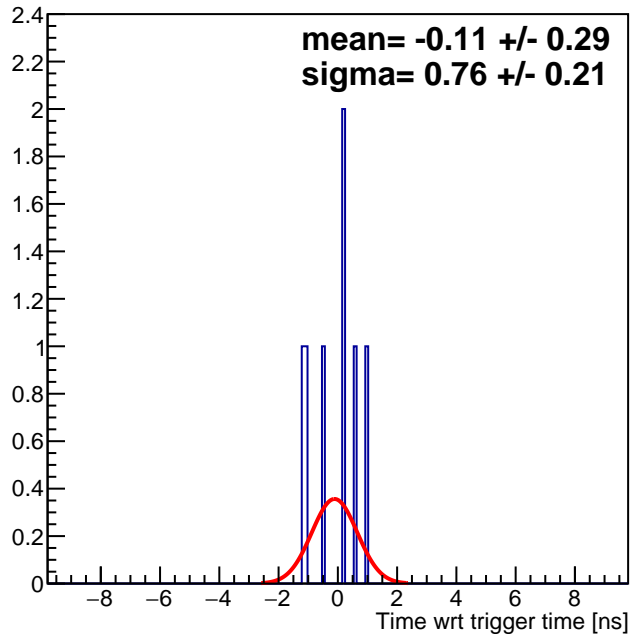
### Primitive time resolution 637



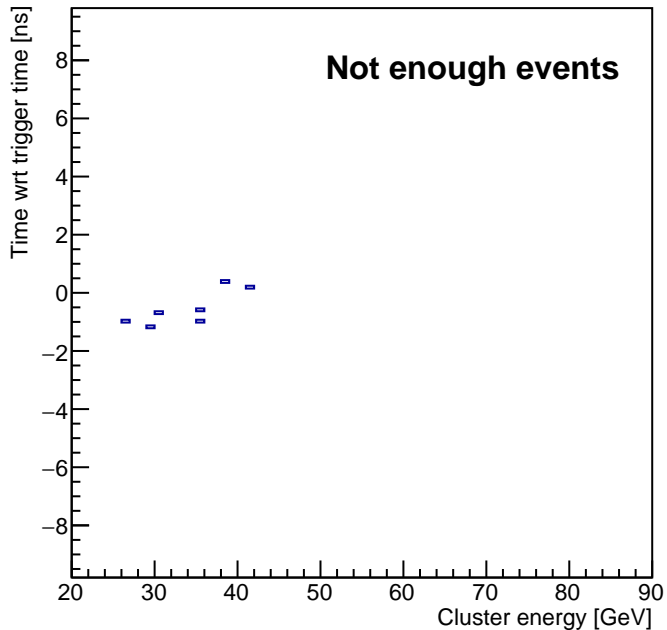
### Cluster time vs energy638



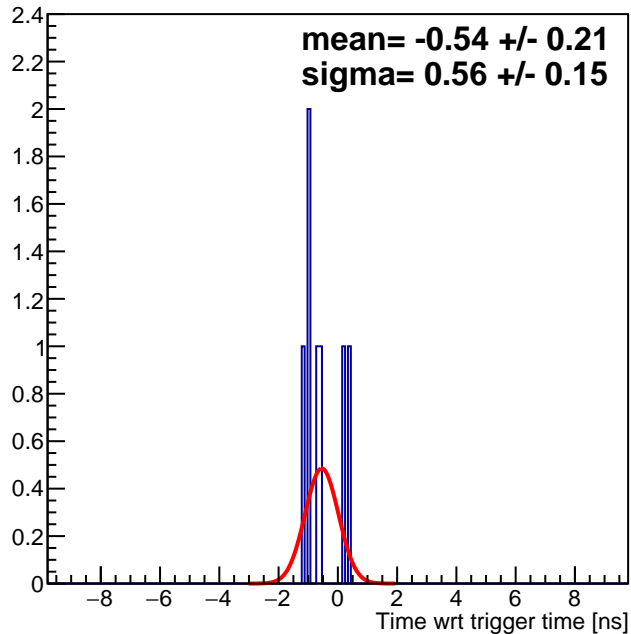
### Primitive time resolution 638



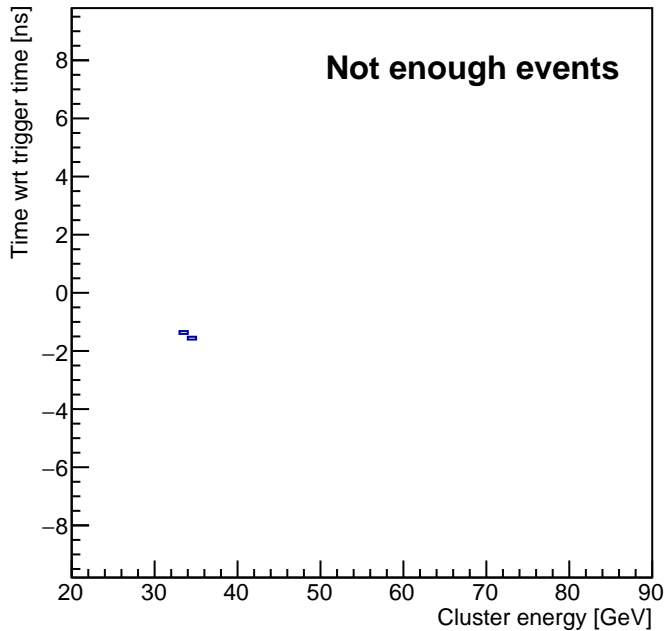
### Cluster time vs energy639



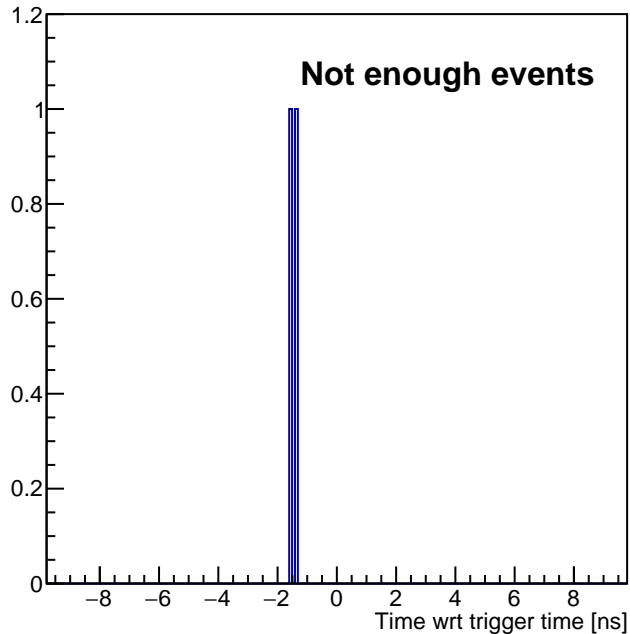
### Primitive time resolution 639



### Cluster time vs energy640

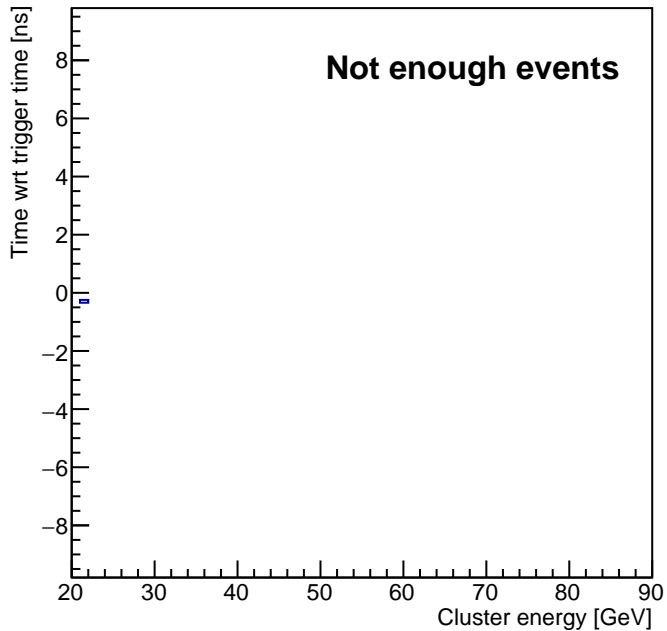


### Primitive time resolution 640

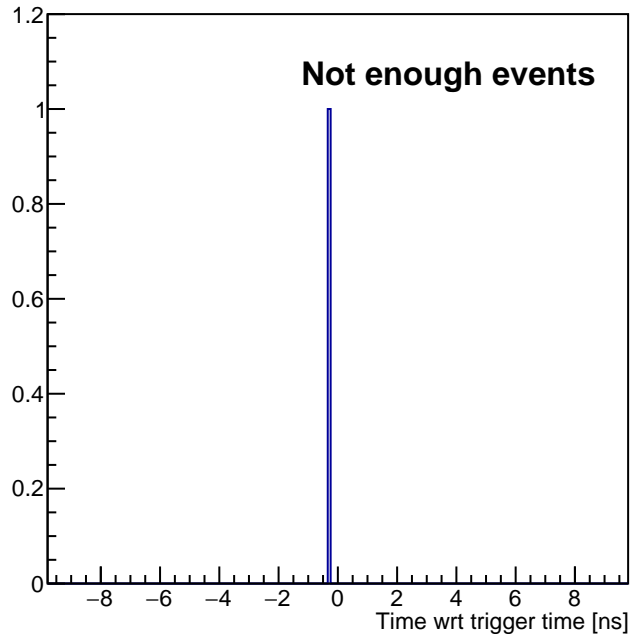




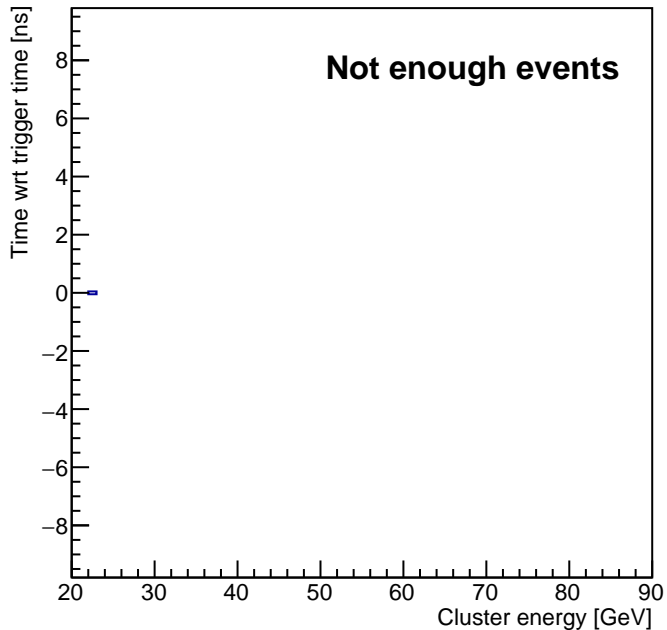
### Cluster time vs energy641



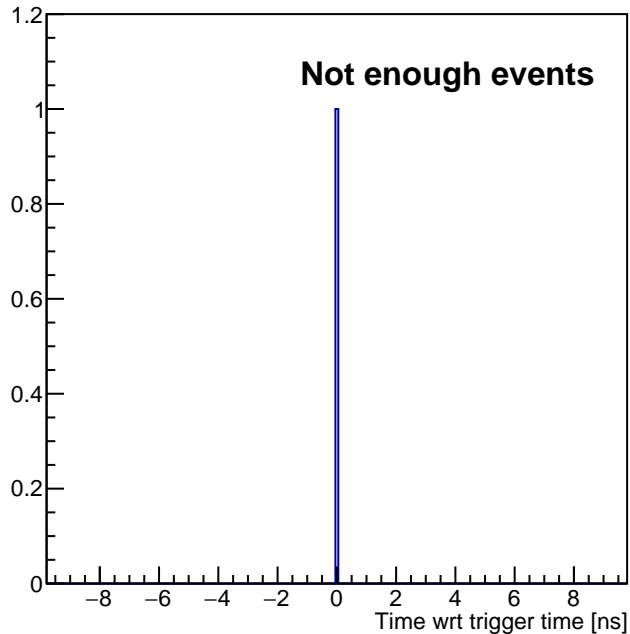
### Primitive time resolution 641



### Cluster time vs energy642



### Primitive time resolution 642



### Cluster time vs energy643



### Primitive time resolution 643



### Cluster time vs energy644



### Primitive time resolution 644



### Cluster time vs energy647



### Primitive time resolution 647



### Cluster time vs energy648



### Primitive time resolution 648



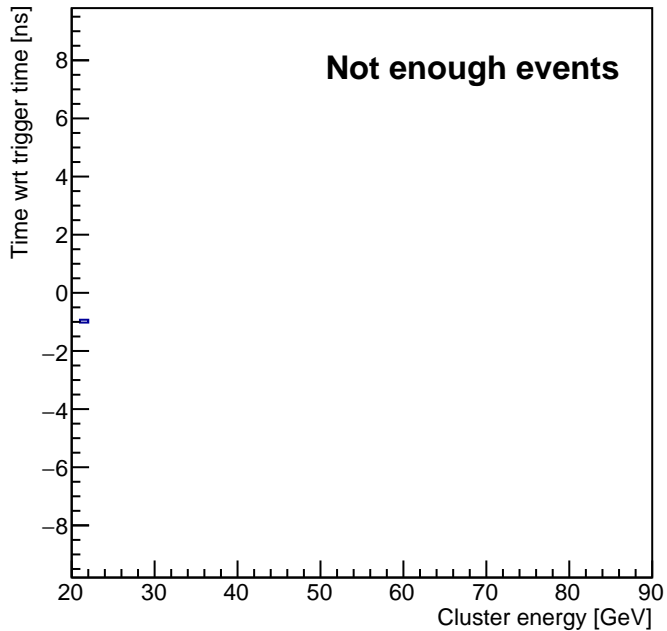
### Cluster time vs energy649



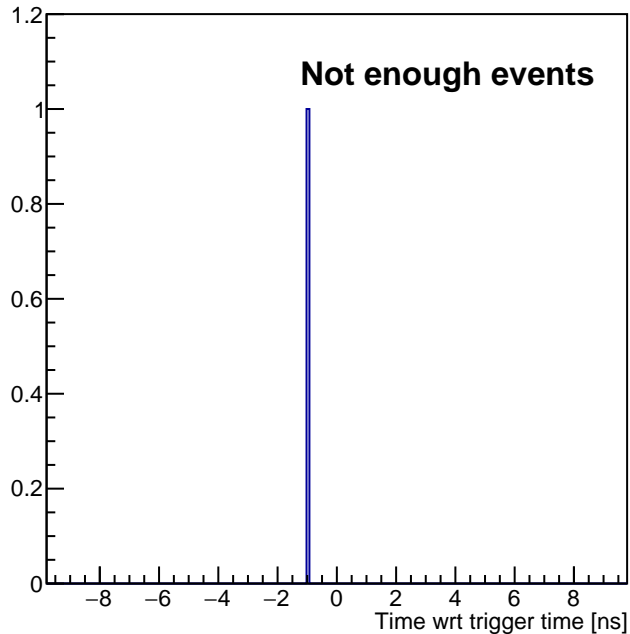
### Primitive time resolution 649



### Cluster time vs energy650



### Primitive time resolution 650





Cluster time vs energy651



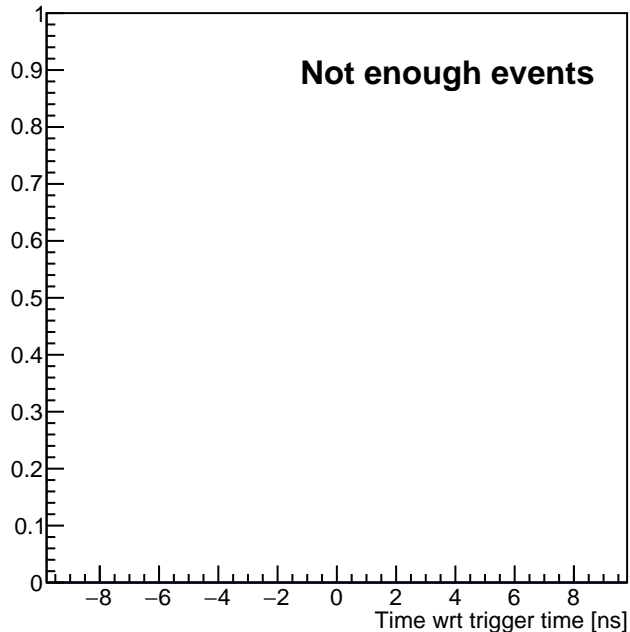
Primitive time resolution 651



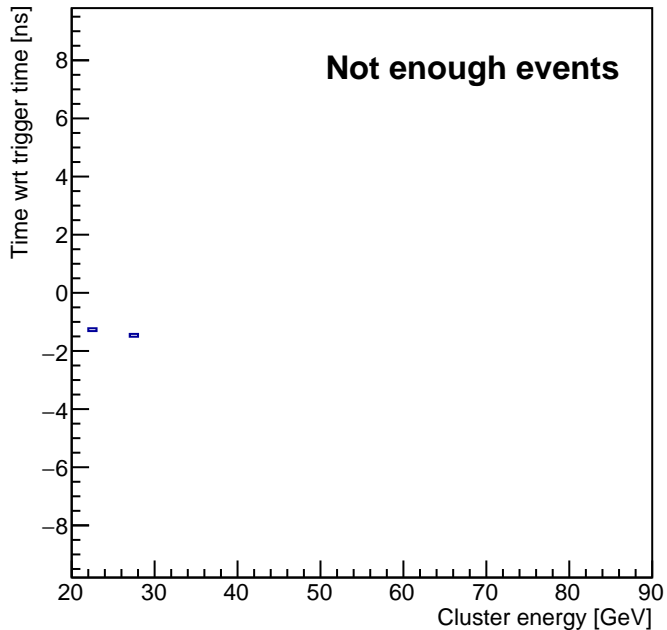
### Cluster time vs energy652



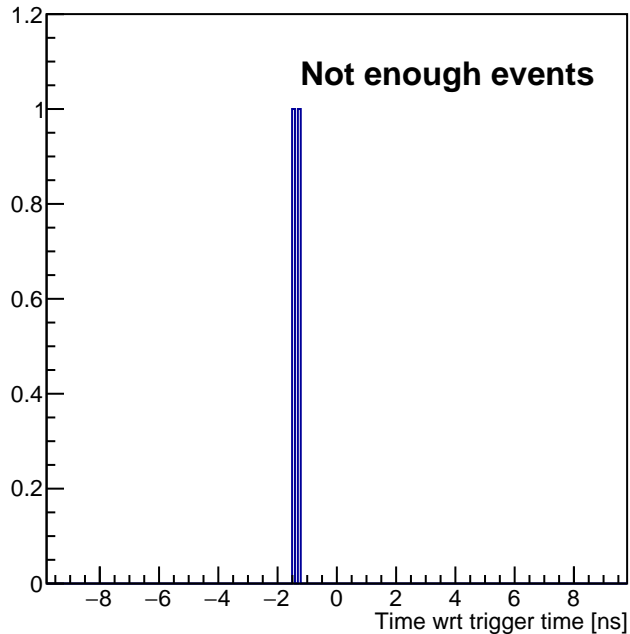
### Primitive time resolution 652



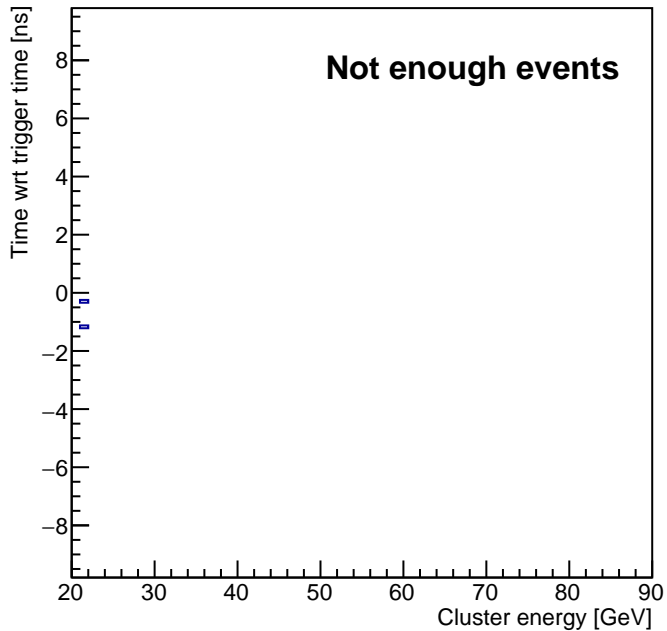
### Cluster time vs energy653



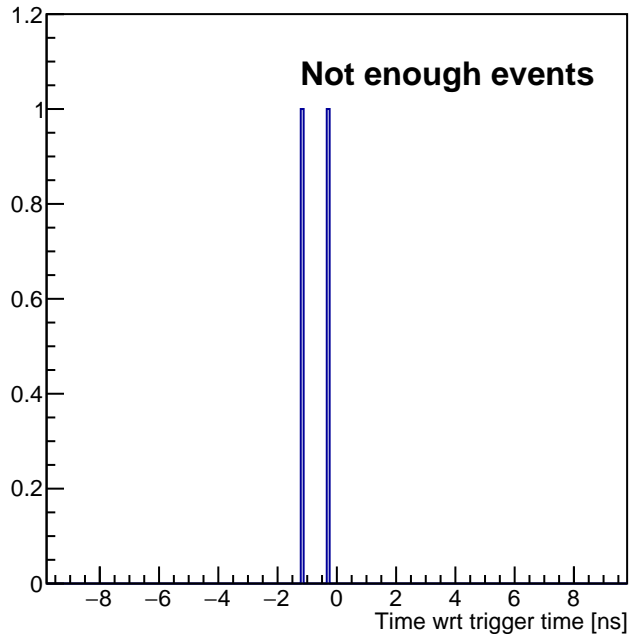
### Primitive time resolution 653



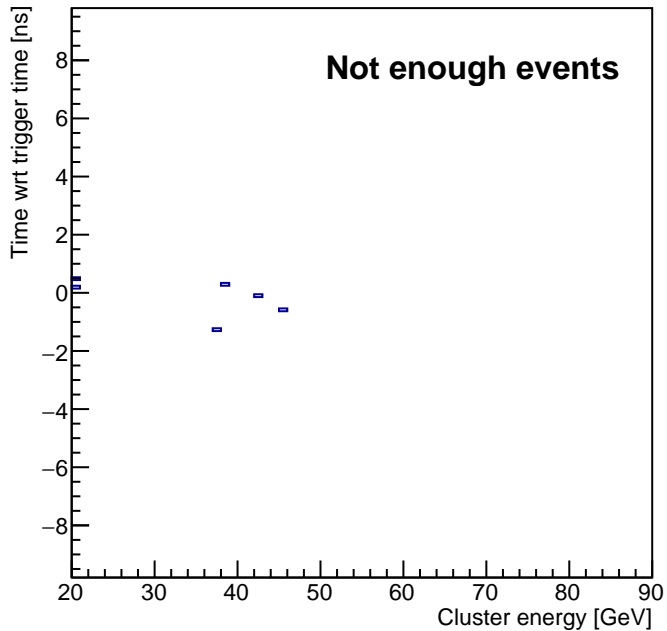
### Cluster time vs energy654



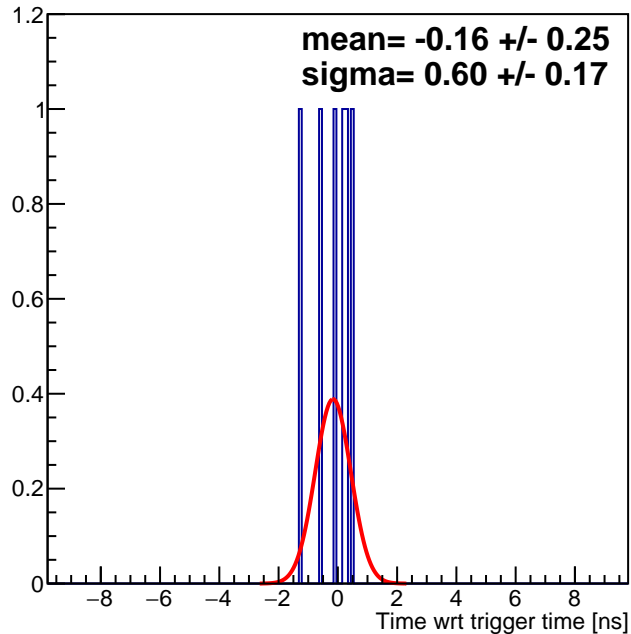
### Primitive time resolution 654



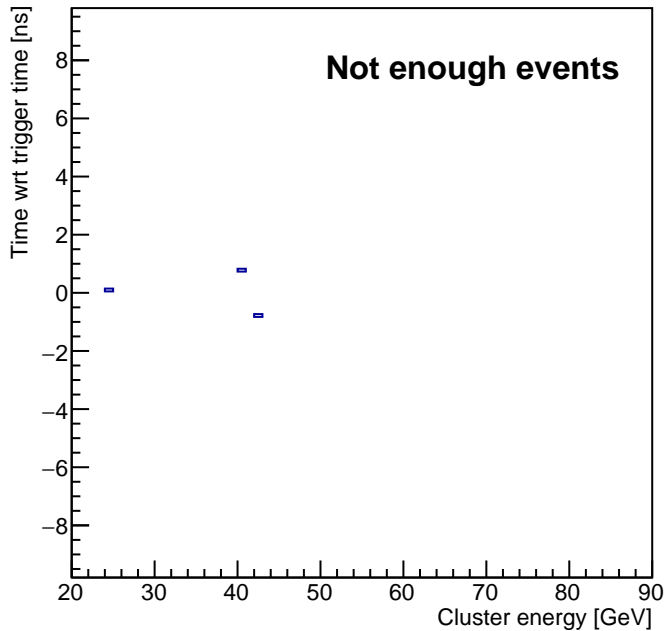
### Cluster time vs energy655



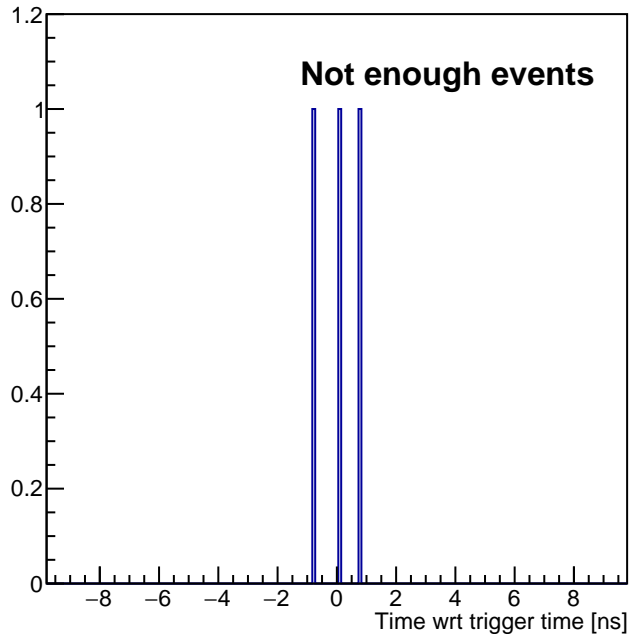
### Primitive time resolution 655



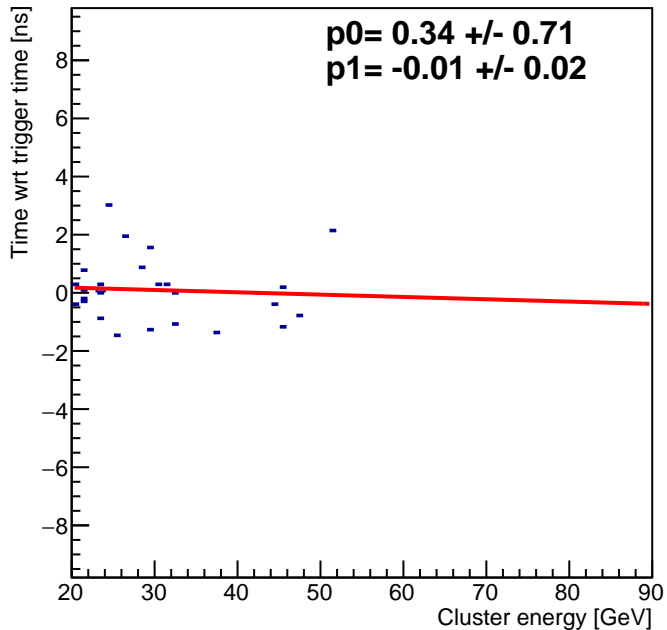
### Cluster time vs energy656



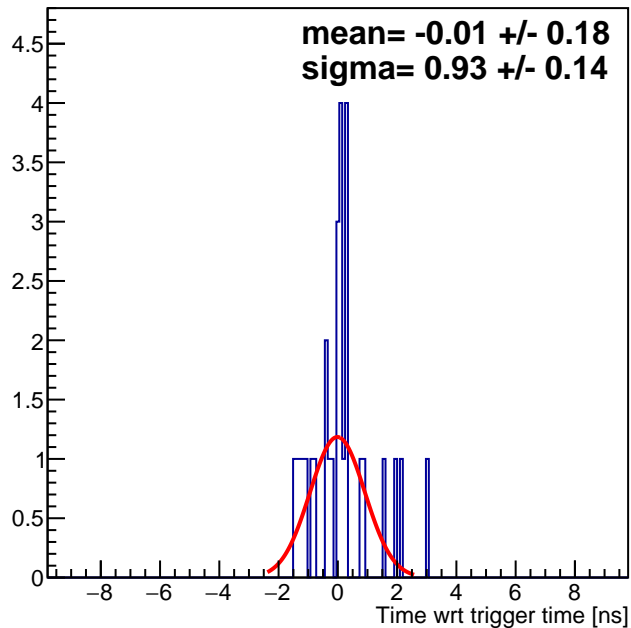
### Primitive time resolution 656



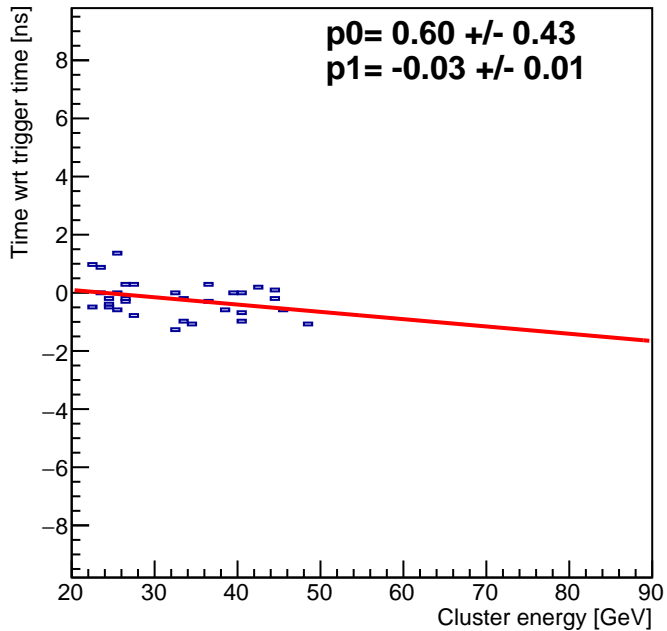
### Cluster time vs energy657



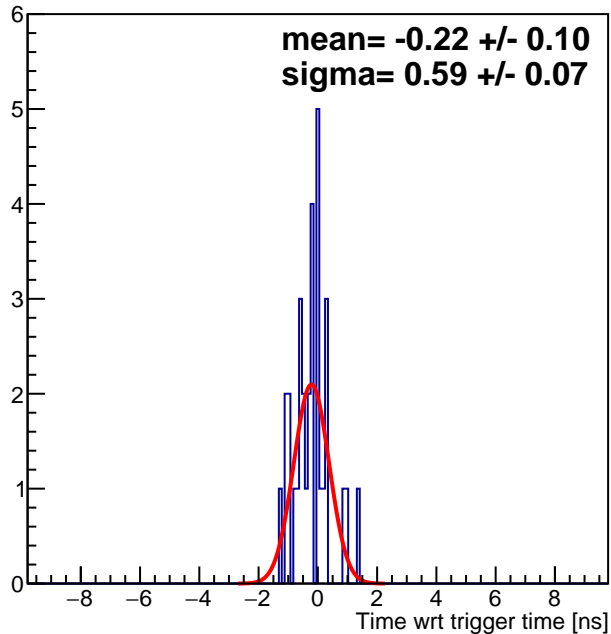
### Primitive time resolution 657



### Cluster time vs energy658

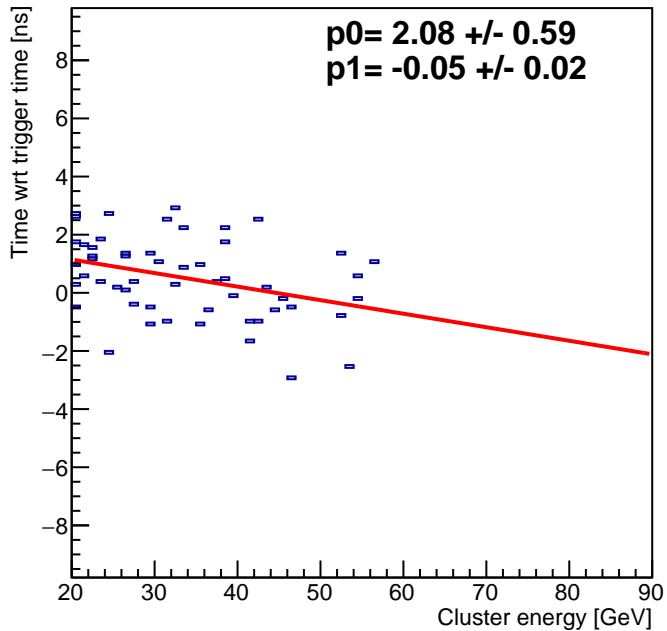


### Primitive time resolution 658

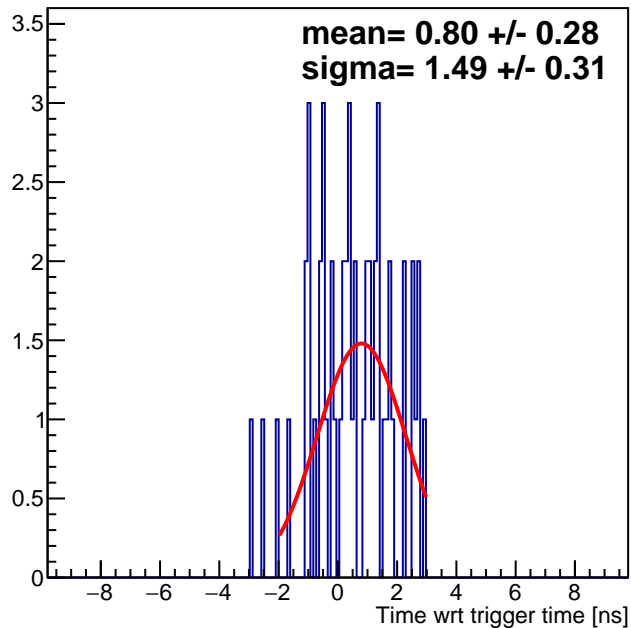




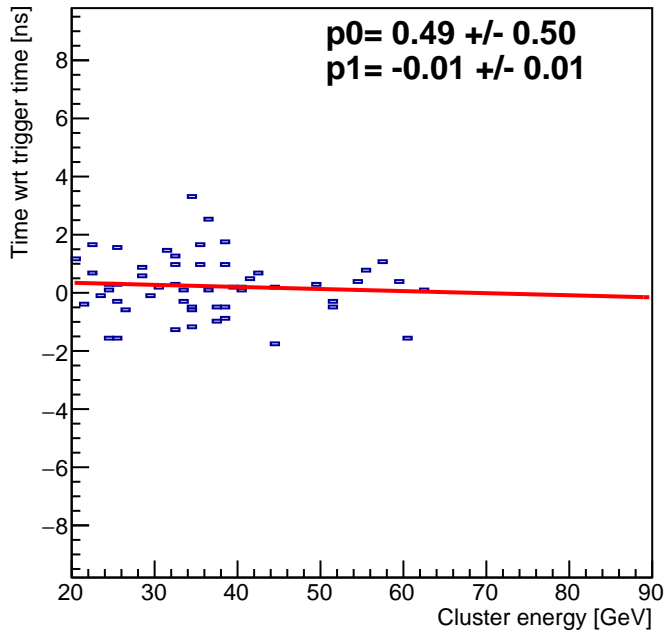
### Cluster time vs energy659



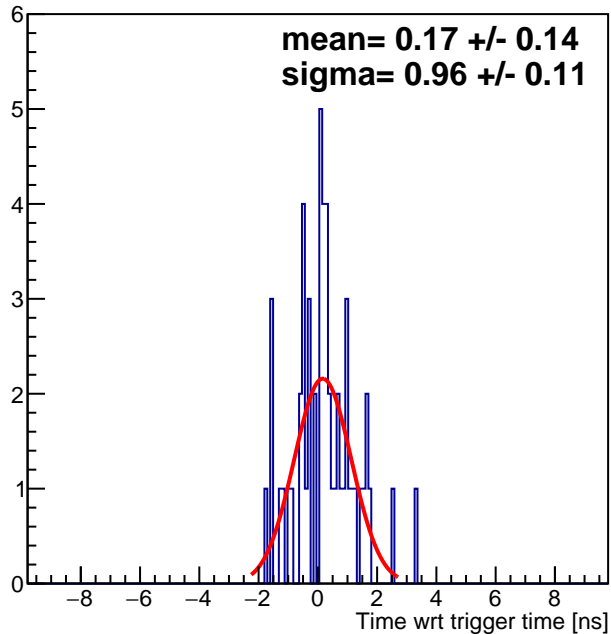
### Primitive time resolution 659



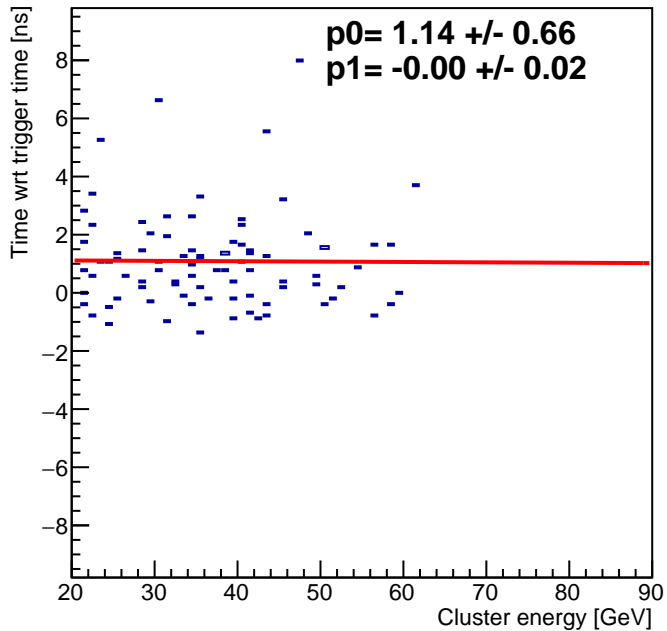
### Cluster time vs energy660



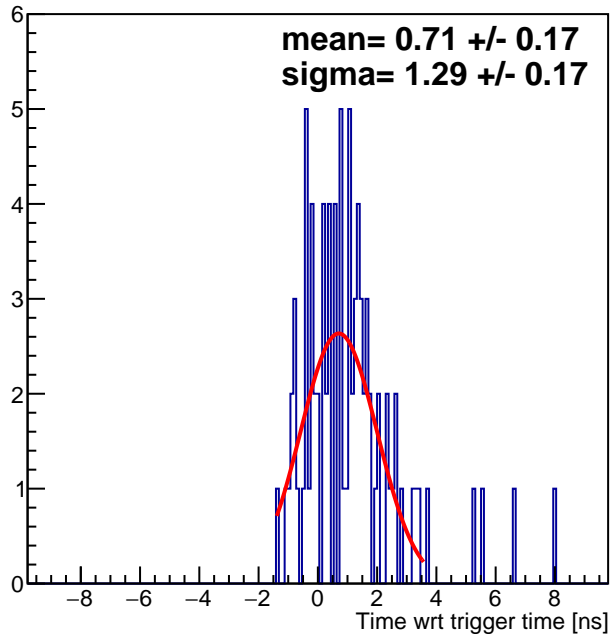
### Primitive time resolution 660



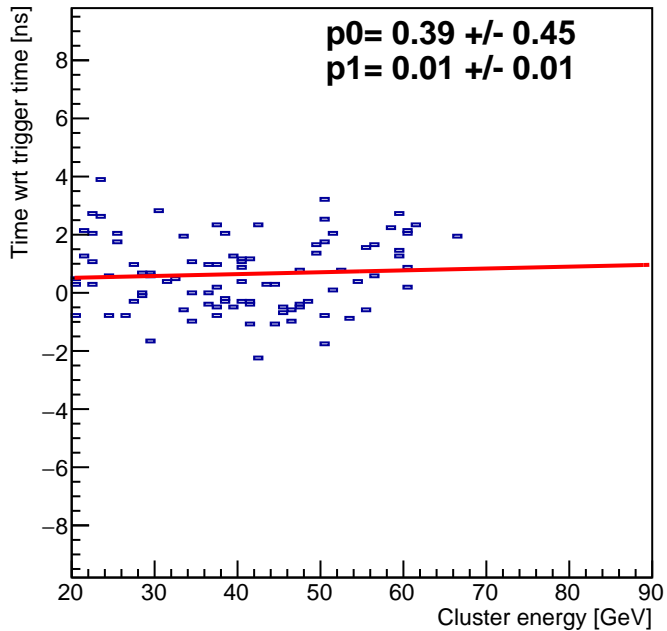
### Cluster time vs energy661



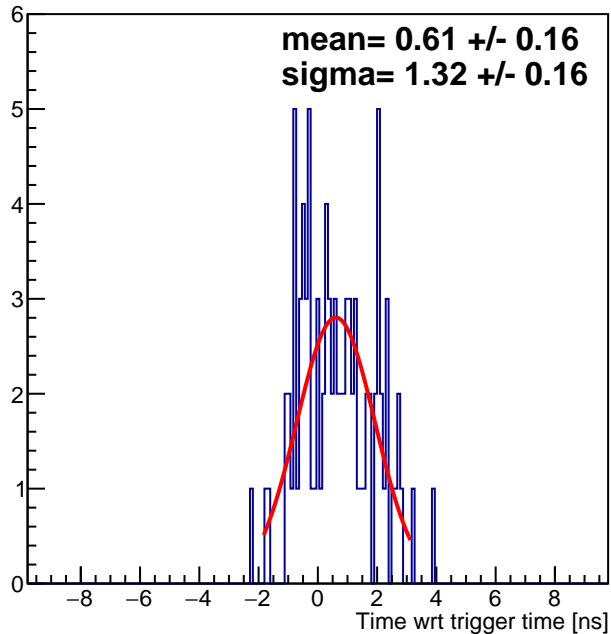
### Primitive time resolution 661



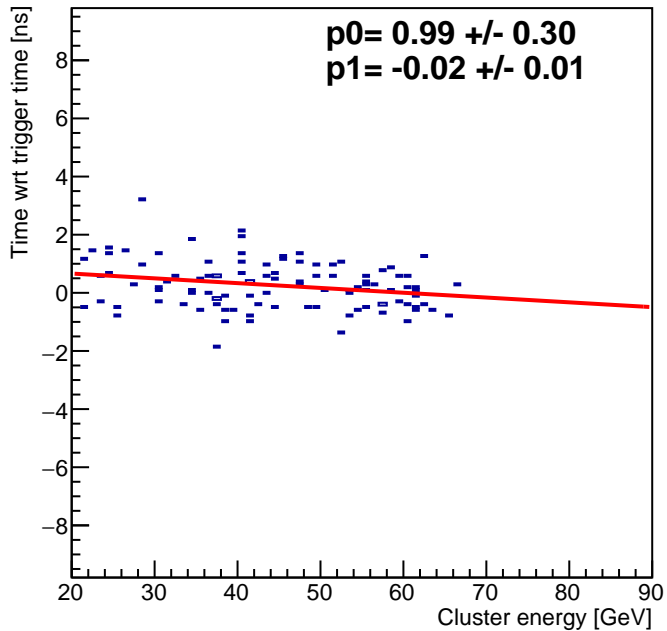
### Cluster time vs energy662



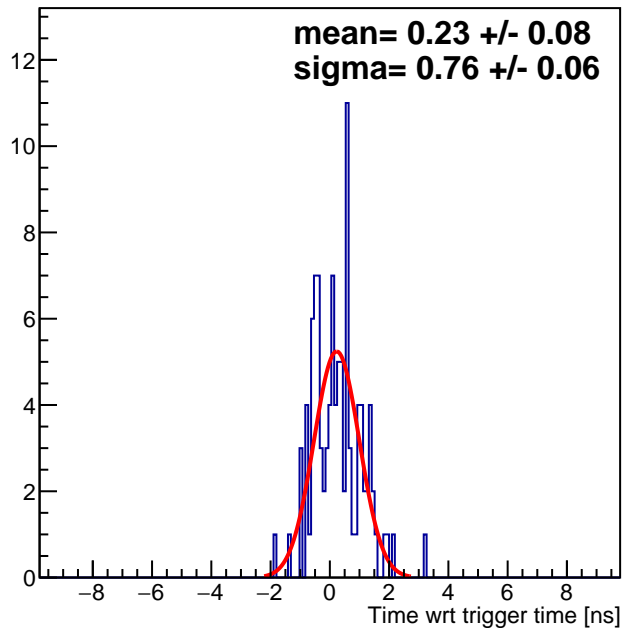
### Primitive time resolution 662



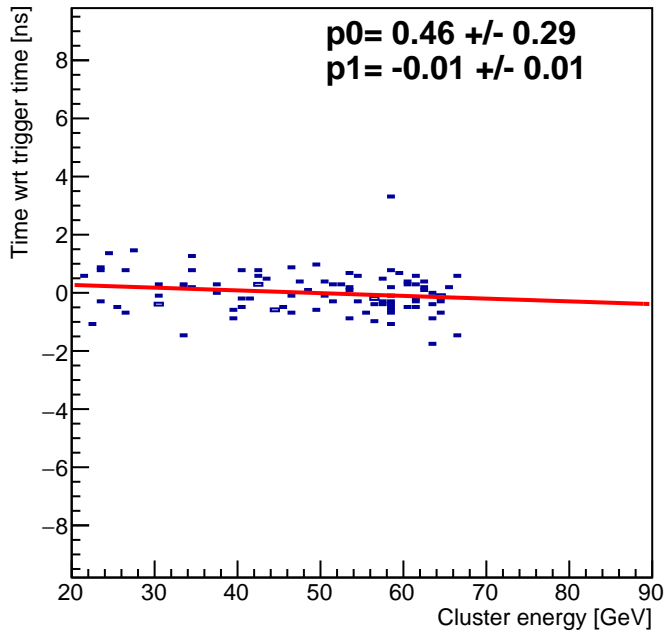
### Cluster time vs energy663



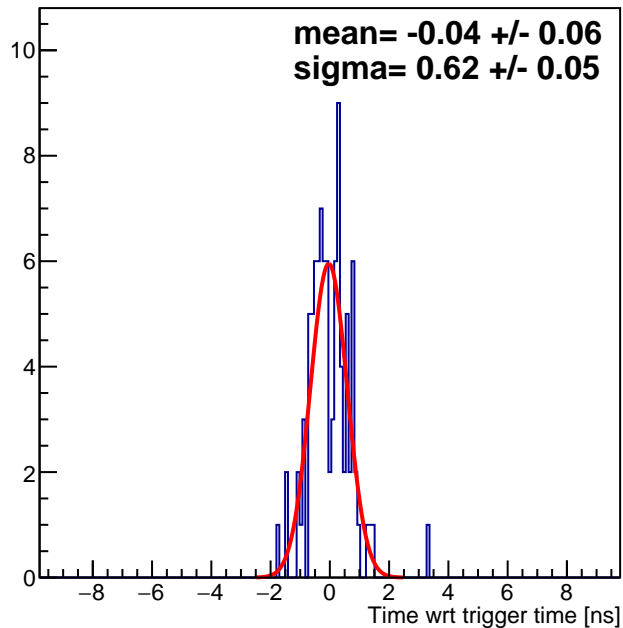
### Primitive time resolution 663



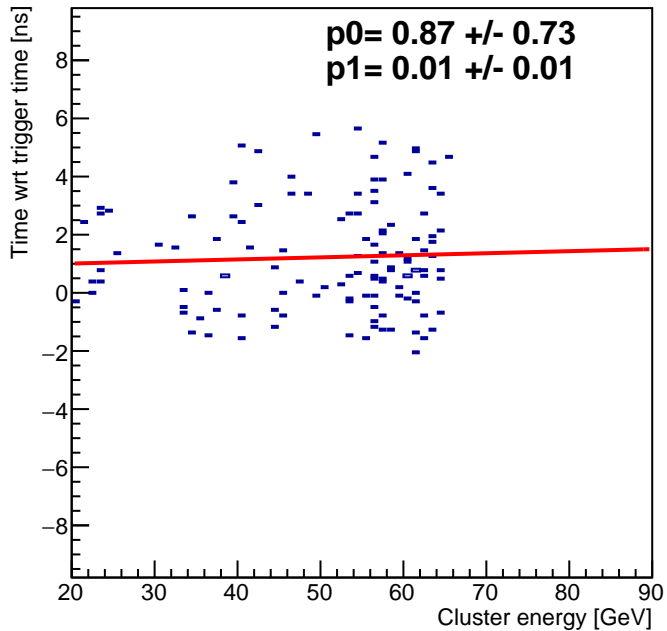
### Cluster time vs energy664



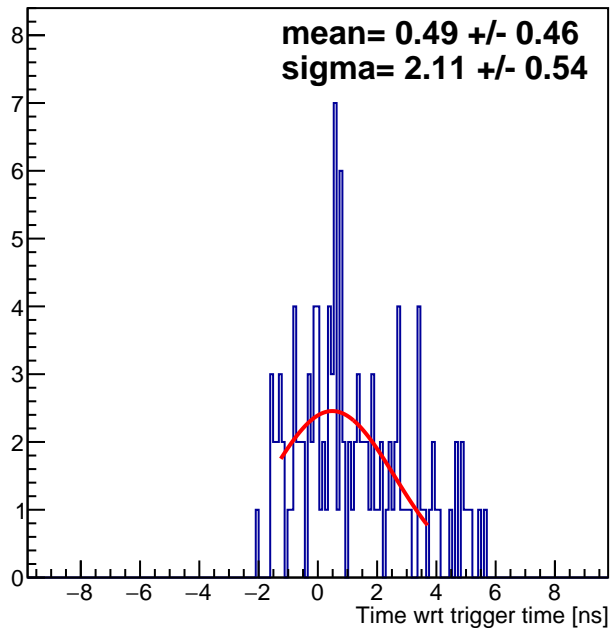
### Primitive time resolution 664



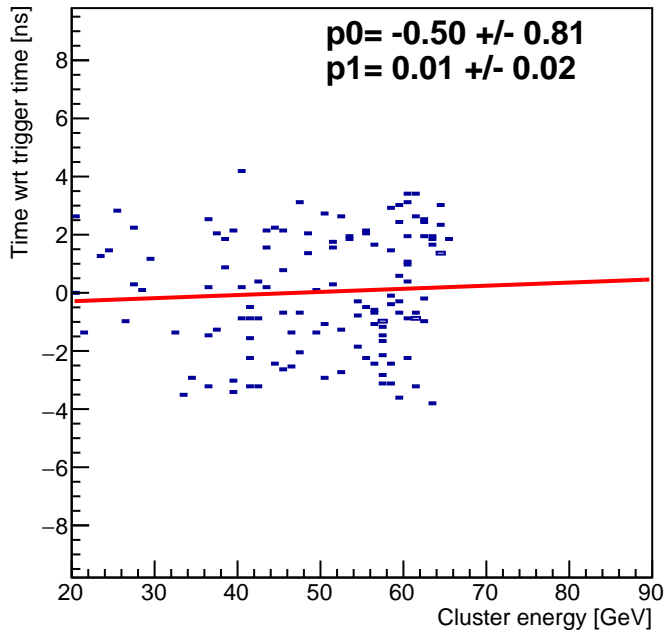
### Cluster time vs energy665



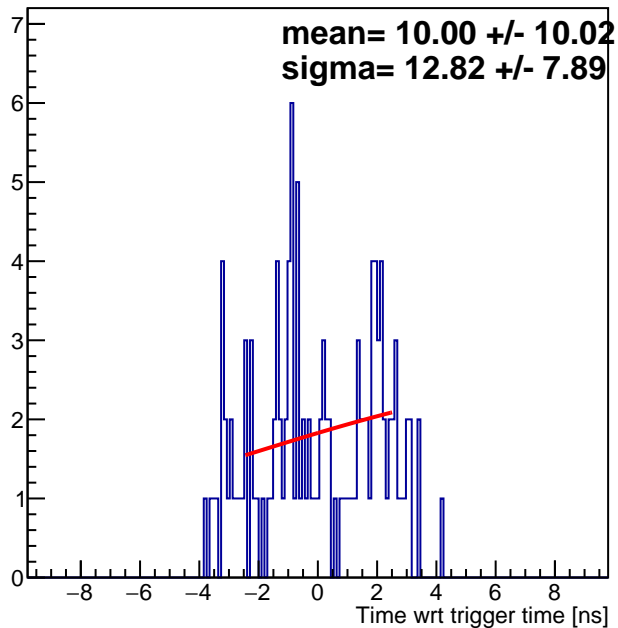
### Primitive time resolution 665



### Cluster time vs energy666

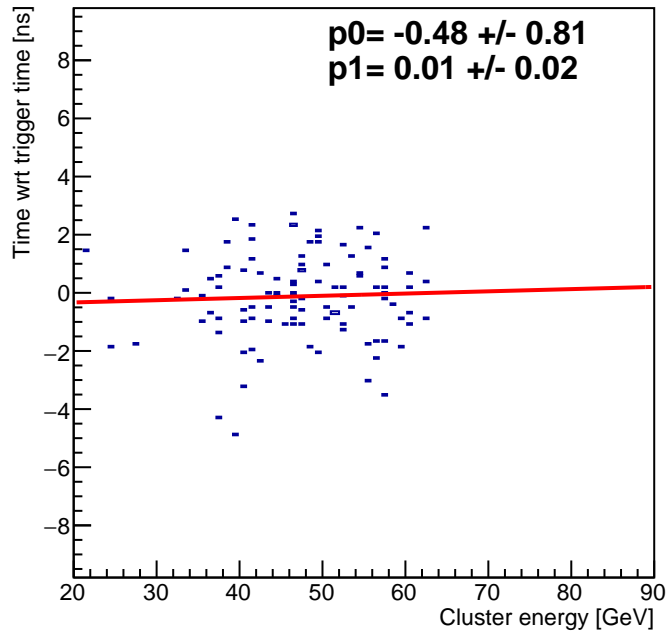


### Primitive time resolution 666

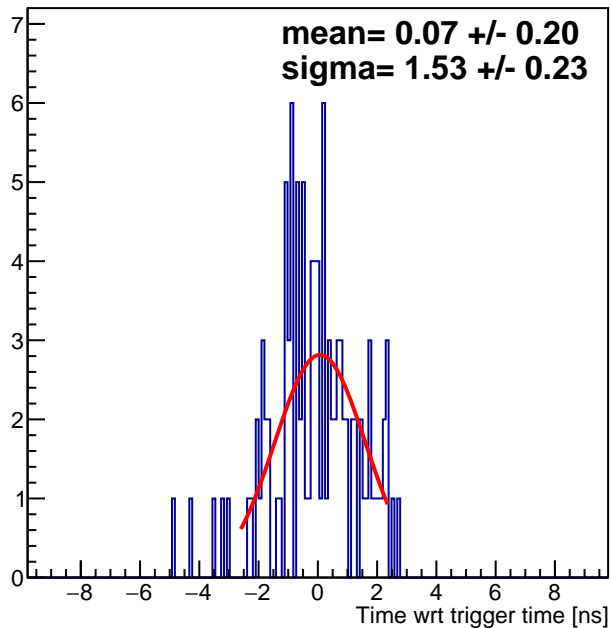




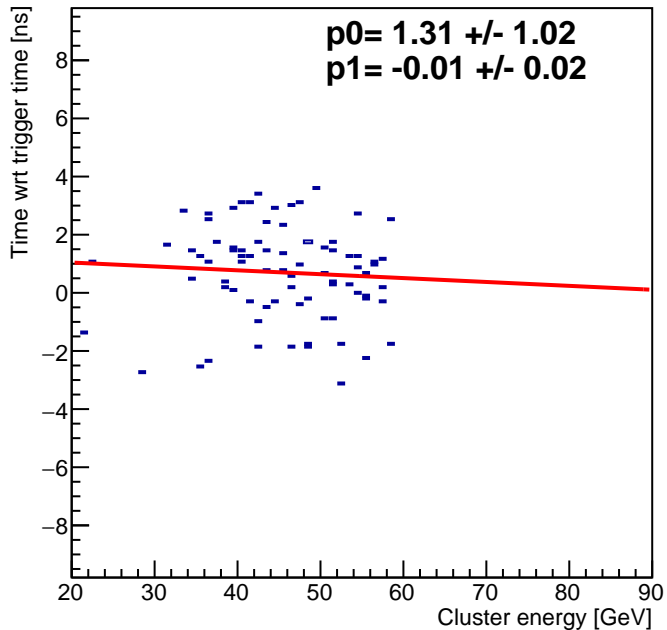
### Cluster time vs energy667



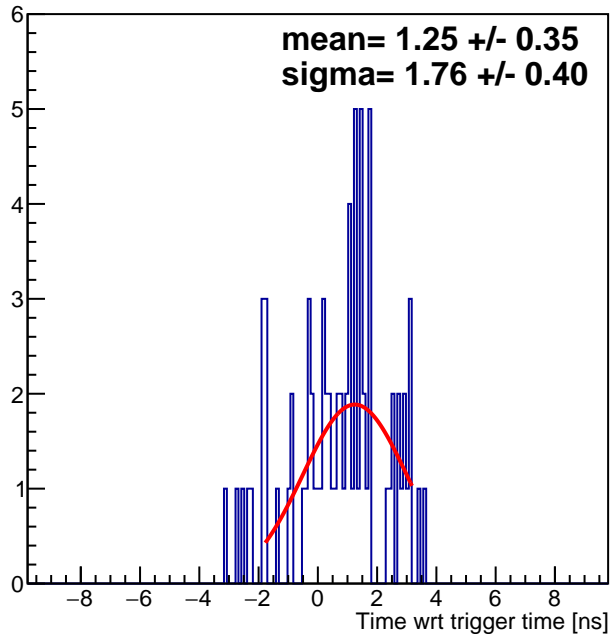
### Primitive time resolution 667



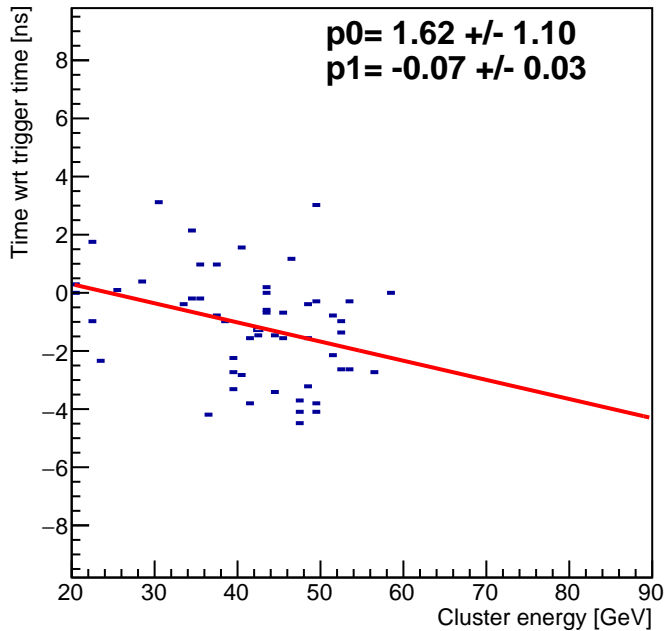
### Cluster time vs energy668



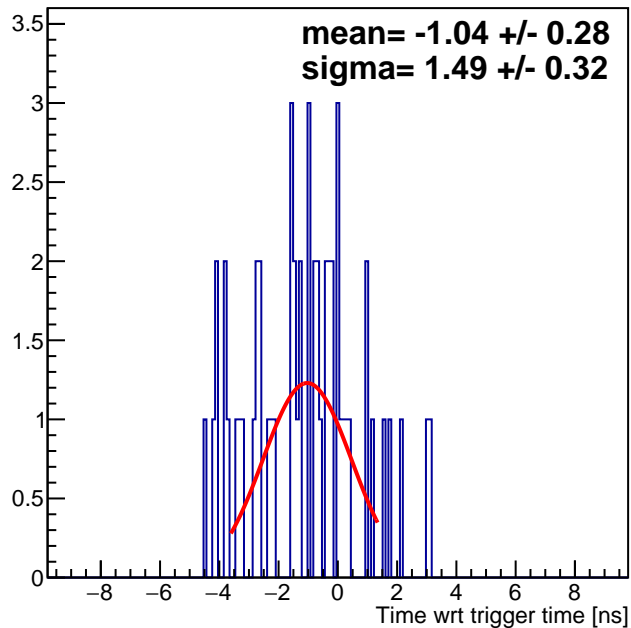
### Primitive time resolution 668



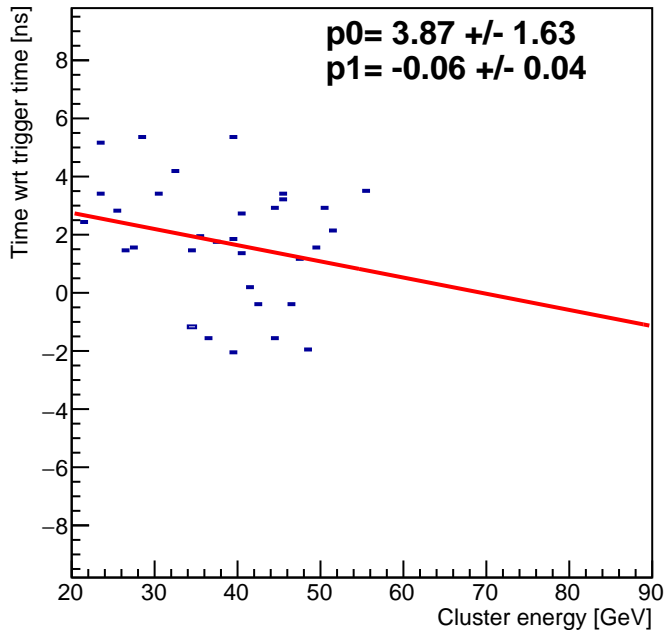
### Cluster time vs energy669



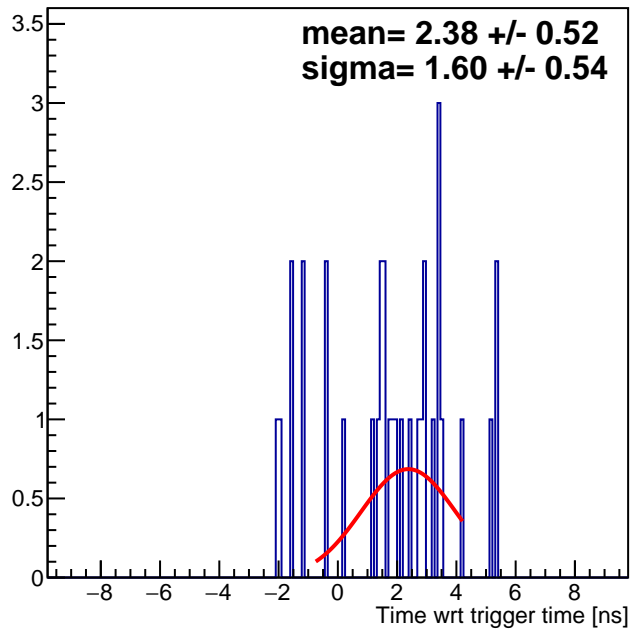
### Primitive time resolution 669



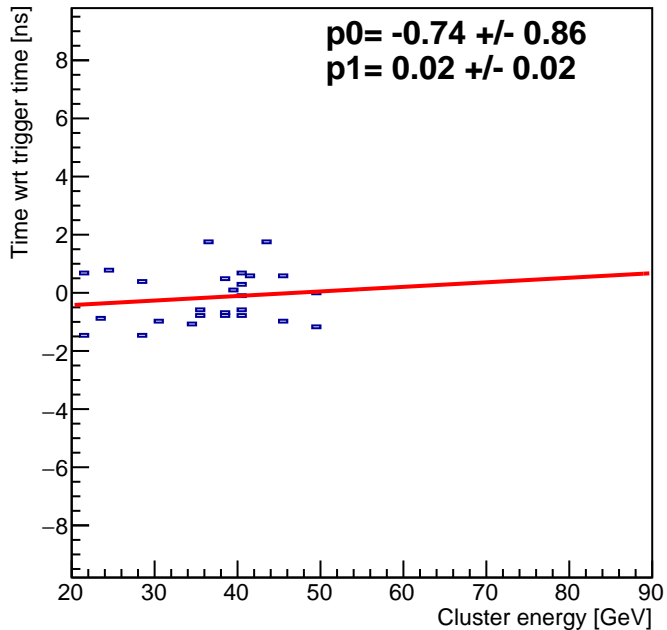
### Cluster time vs energy670



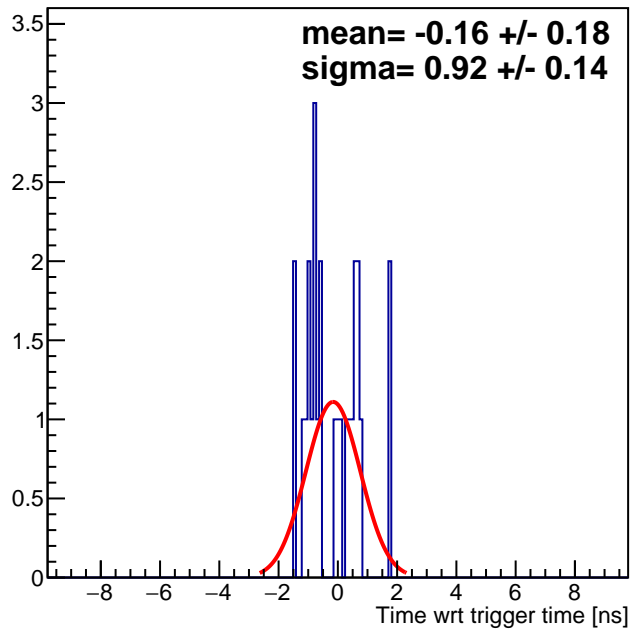
### Primitive time resolution 670



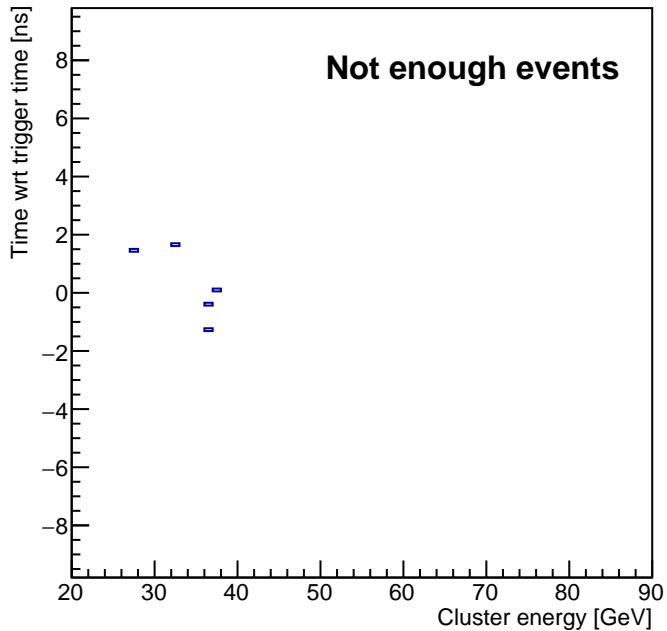
### Cluster time vs energy671



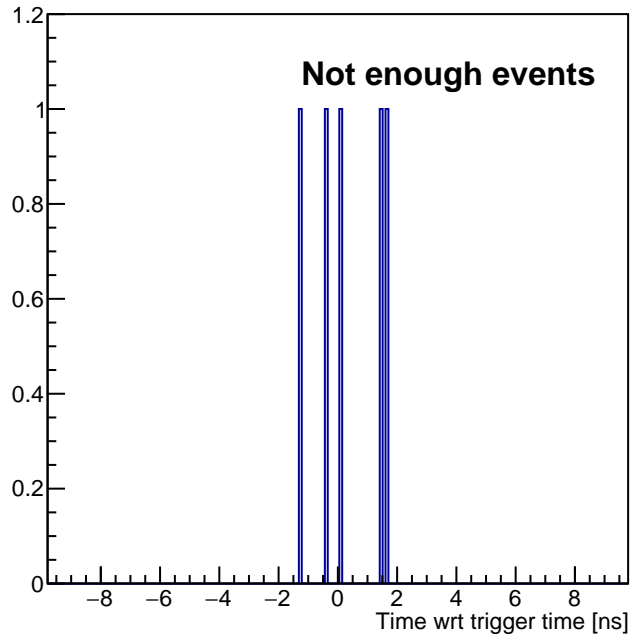
### Primitive time resolution 671



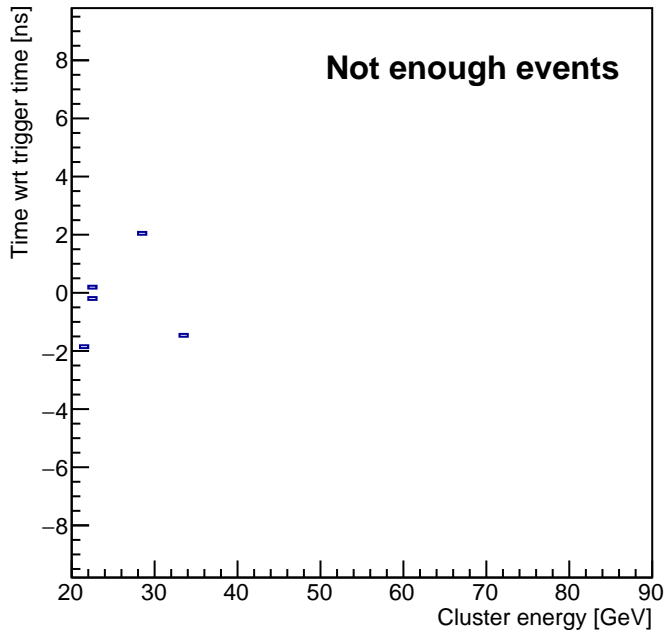
### Cluster time vs energy672



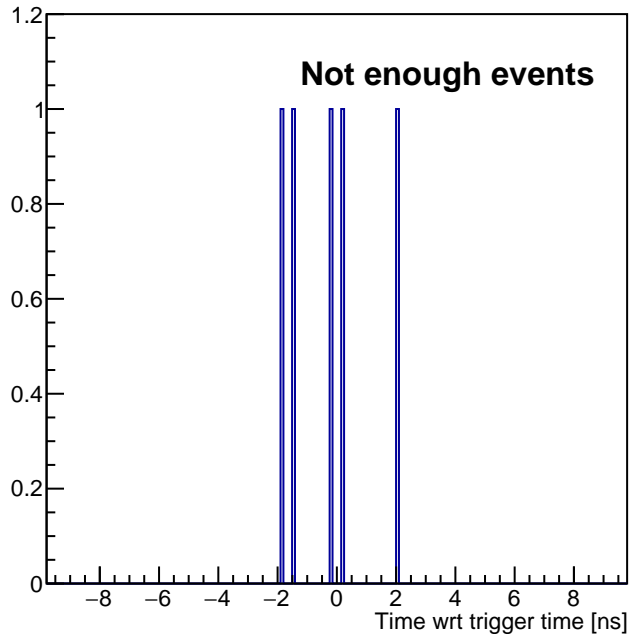
### Primitive time resolution 672



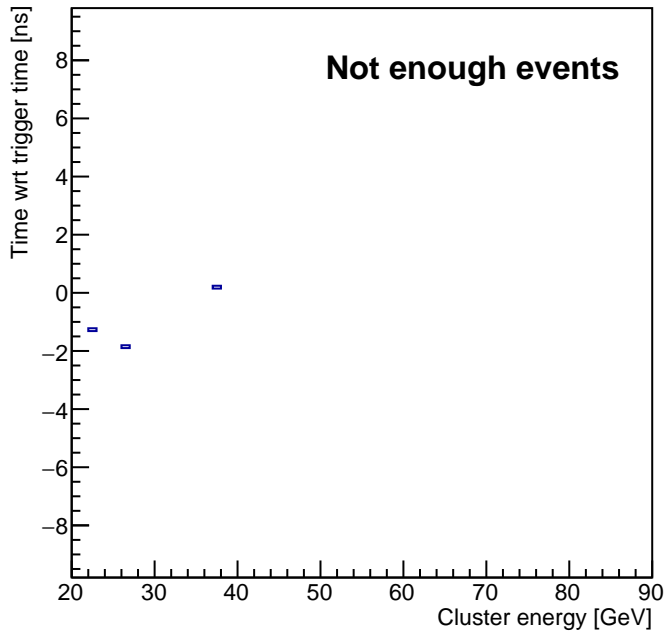
### Cluster time vs energy673



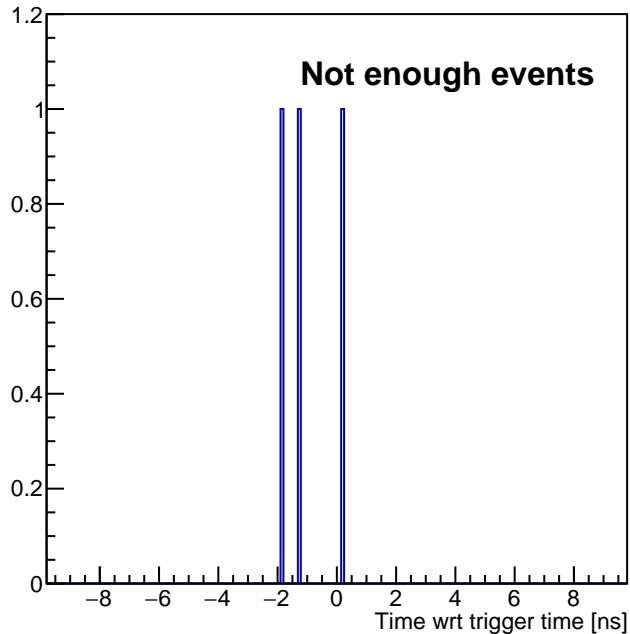
### Primitive time resolution 673



### Cluster time vs energy674



### Primitive time resolution 674





### Cluster time vs energy675



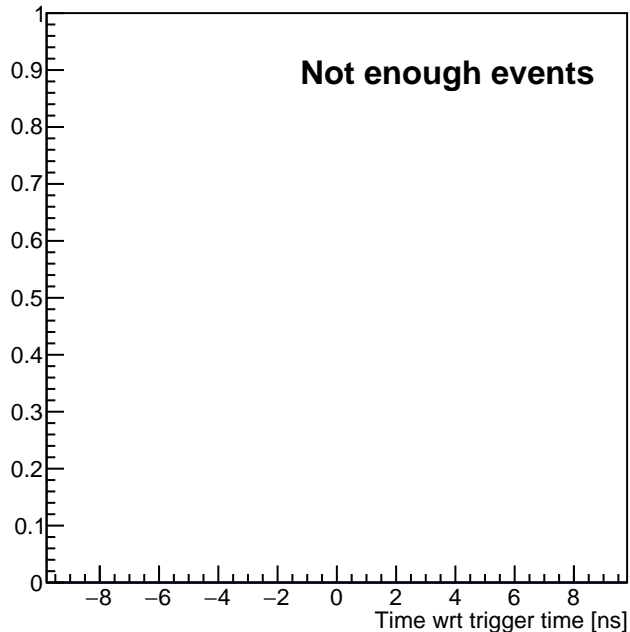
### Primitive time resolution 675



### Cluster time vs energy676



### Primitive time resolution 676



### Cluster time vs energy677



### Primitive time resolution 677



### Cluster time vs energy678



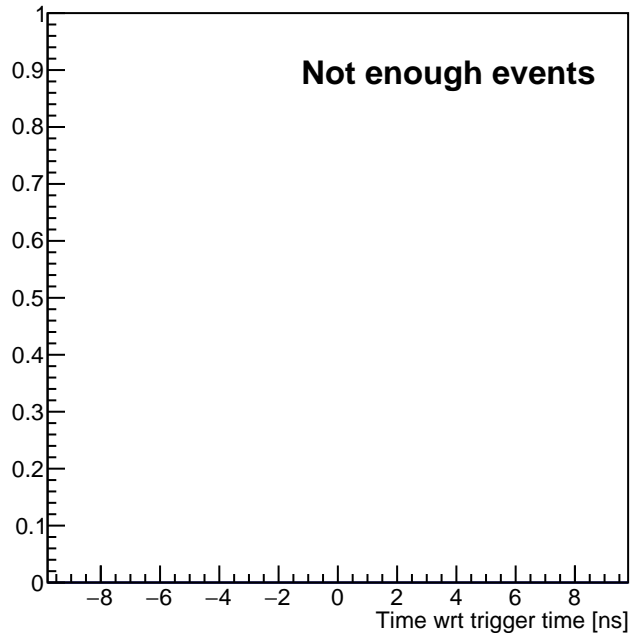
### Primitive time resolution 678



Cluster time vs energy681



Primitive time resolution 681



### Cluster time vs energy682



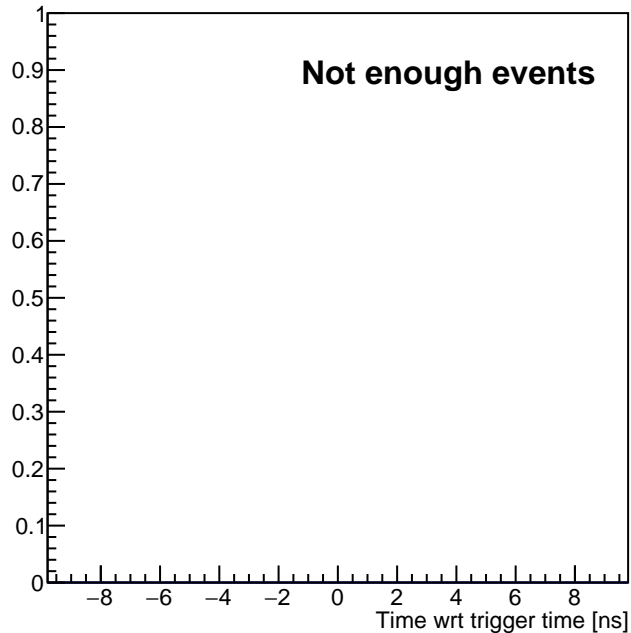
### Primitive time resolution 682



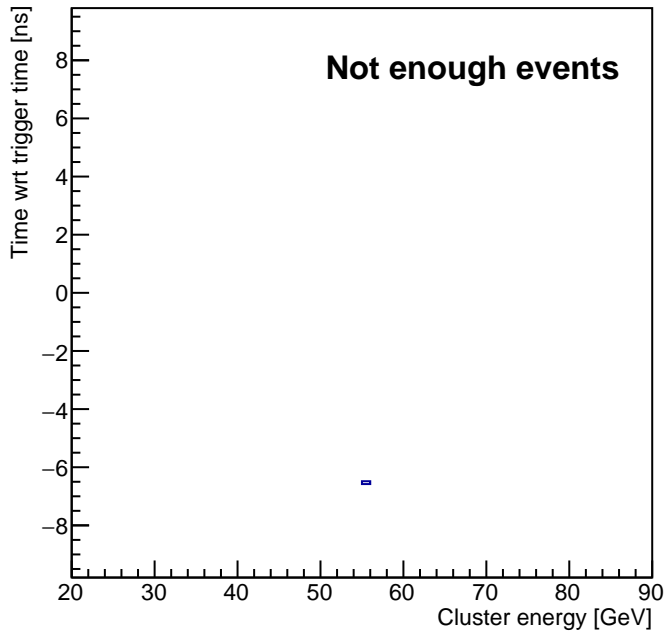
### Cluster time vs energy683



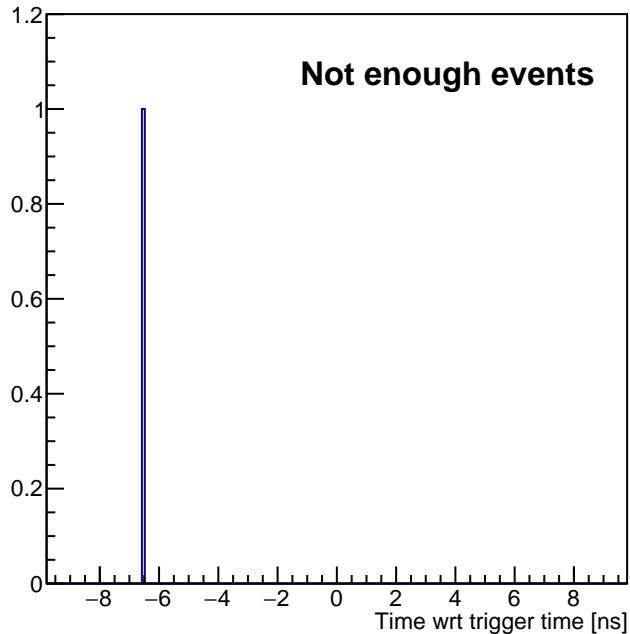
### Primitive time resolution 683



### Cluster time vs energy684

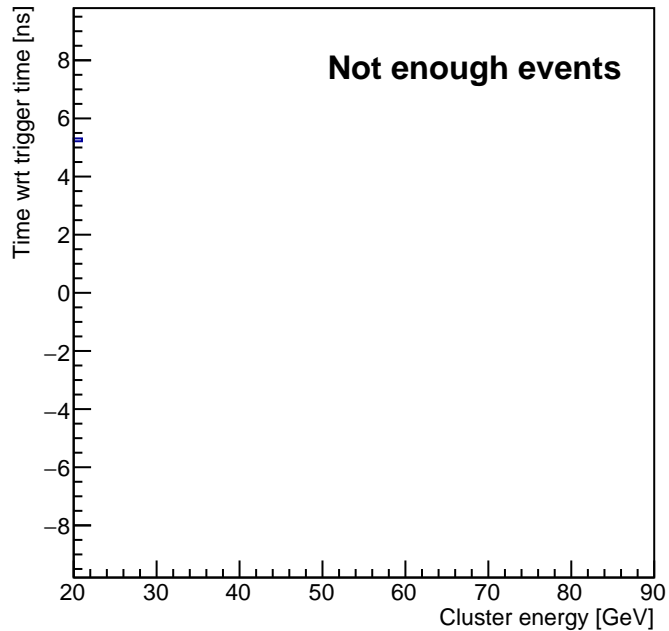


### Primitive time resolution 684

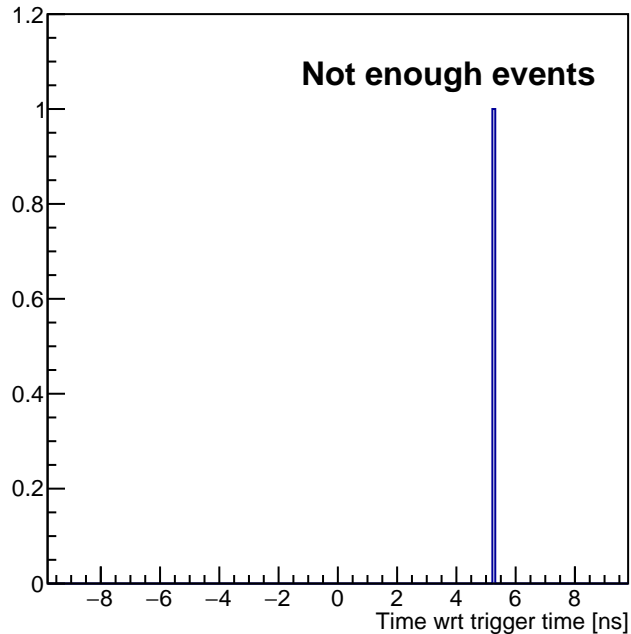




### Cluster time vs energy685



### Primitive time resolution 685



### Cluster time vs energy686



### Primitive time resolution 686



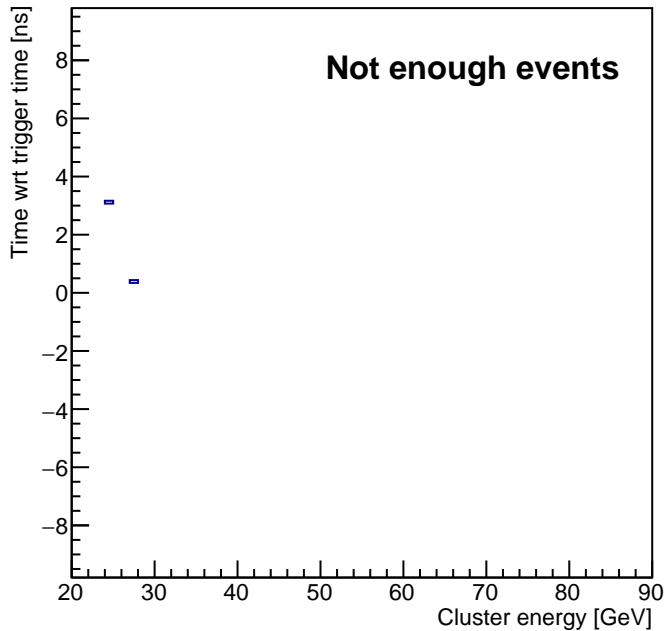
### Cluster time vs energy687



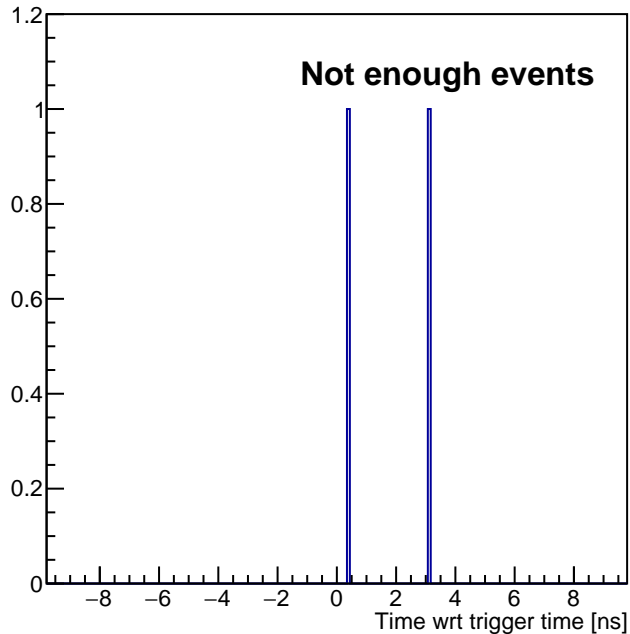
### Primitive time resolution 687



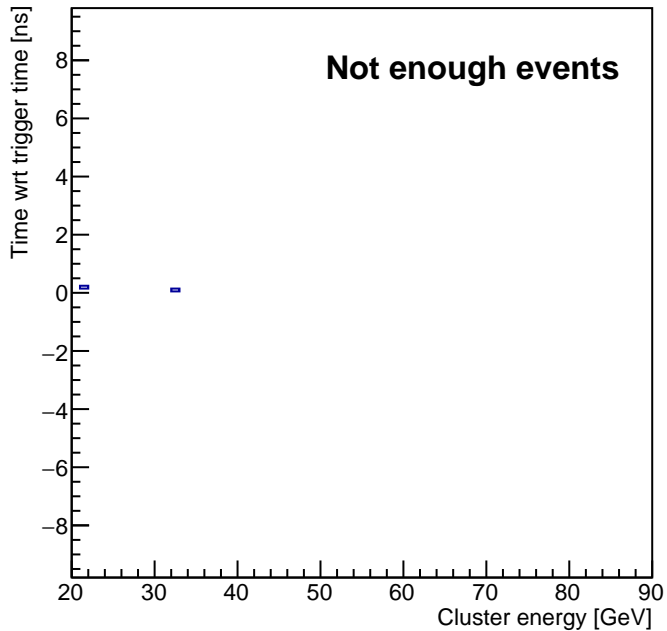
### Cluster time vs energy688



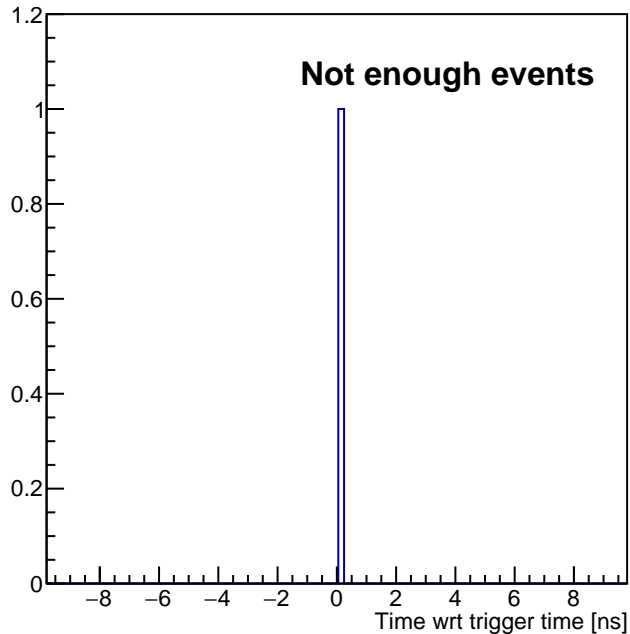
### Primitive time resolution 688



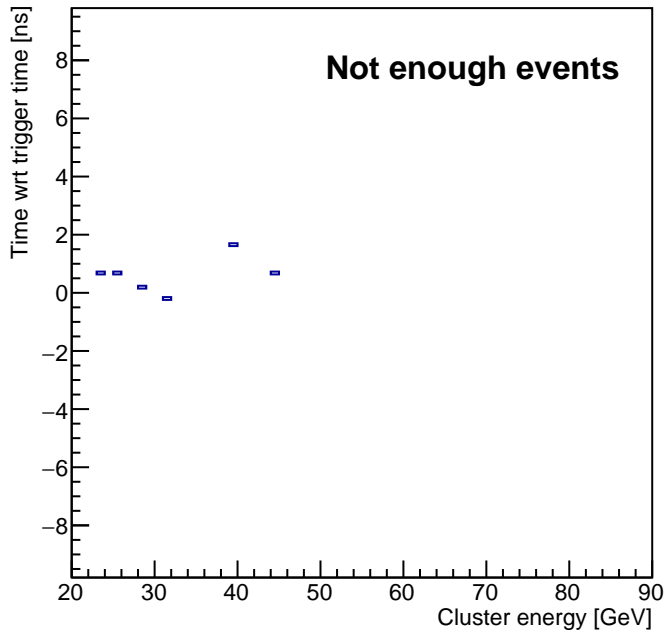
### Cluster time vs energy689



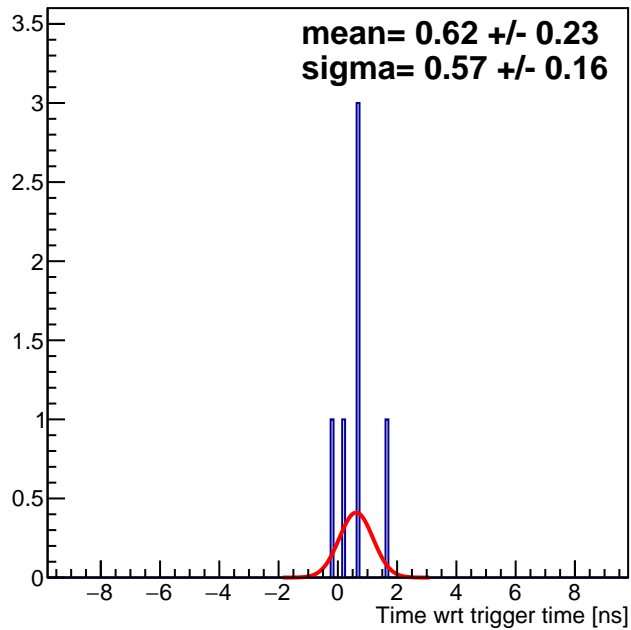
### Primitive time resolution 689



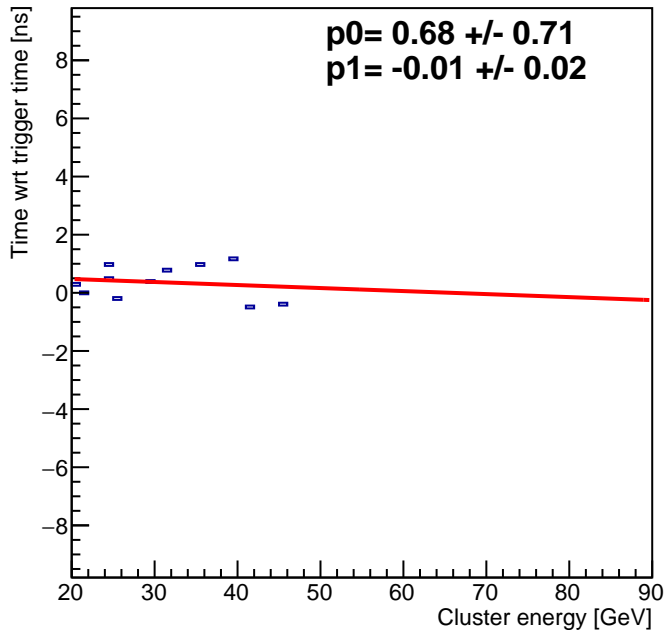
### Cluster time vs energy690



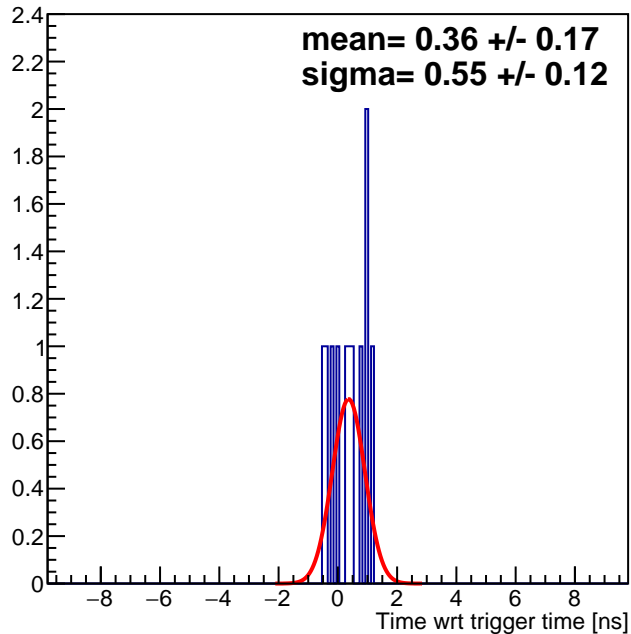
### Primitive time resolution 690



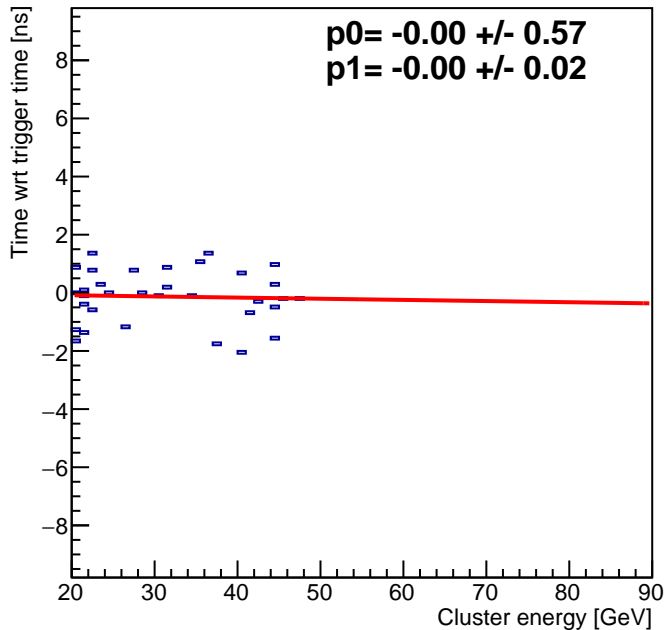
### Cluster time vs energy691



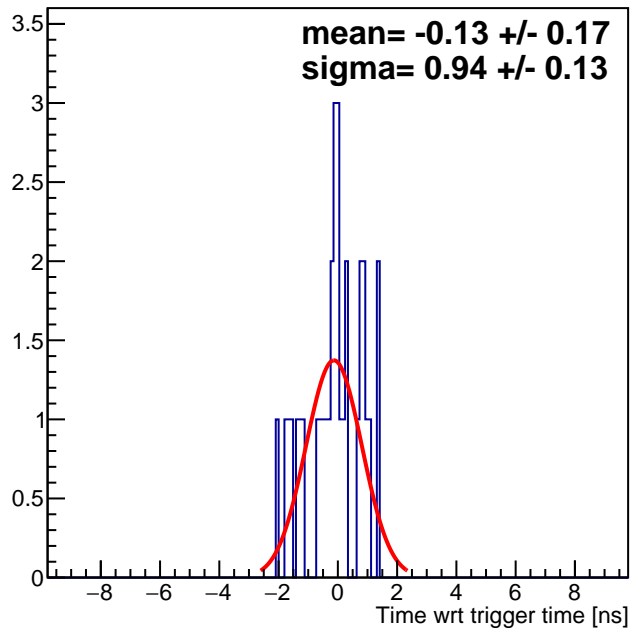
### Primitive time resolution 691



### Cluster time vs energy692

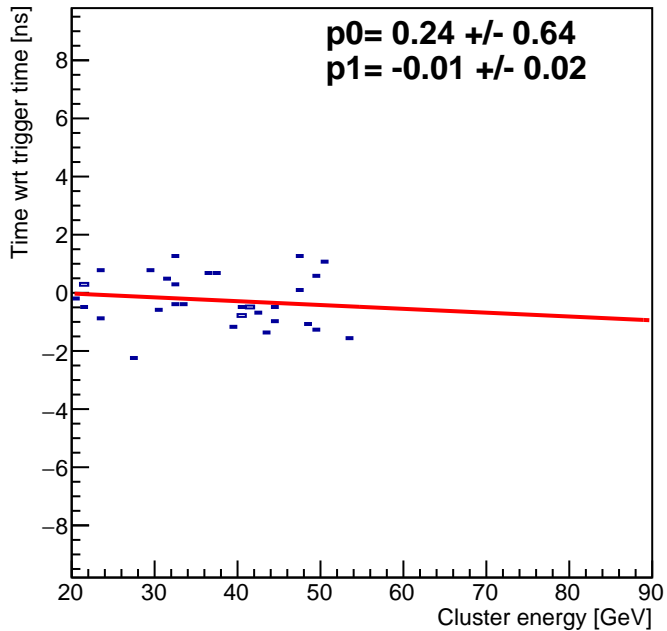


### Primitive time resolution 692

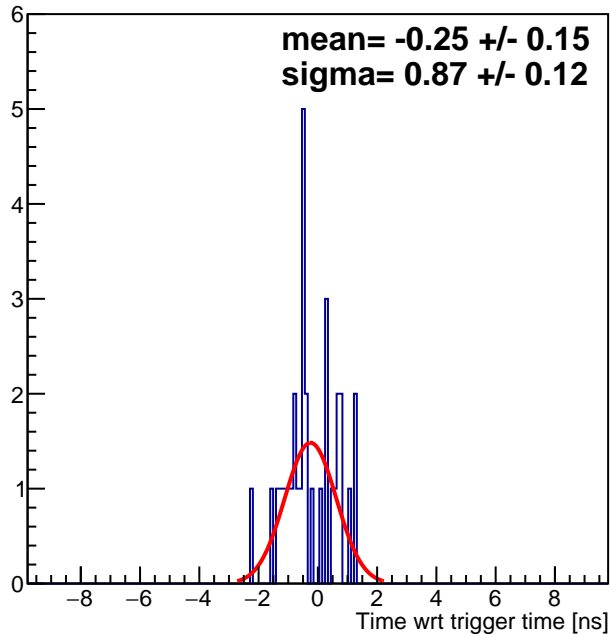




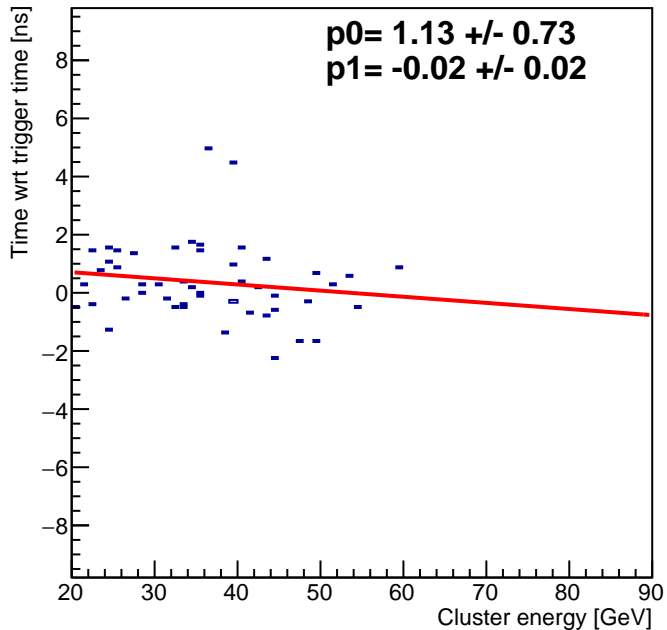
### Cluster time vs energy693



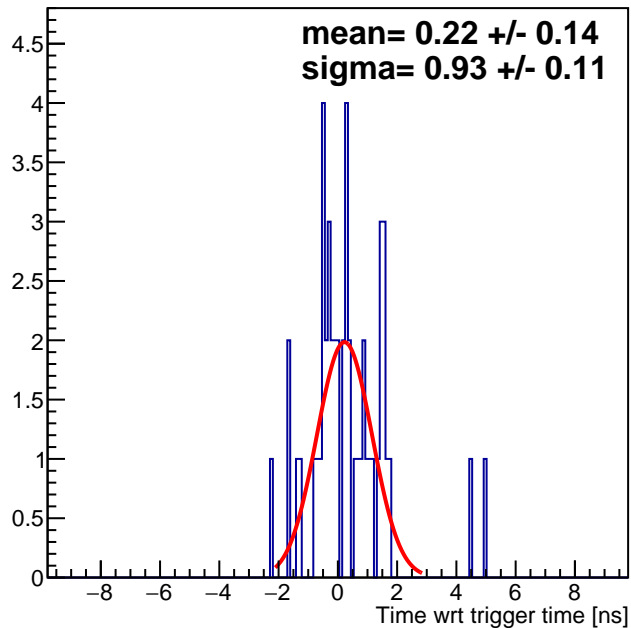
### Primitive time resolution 693



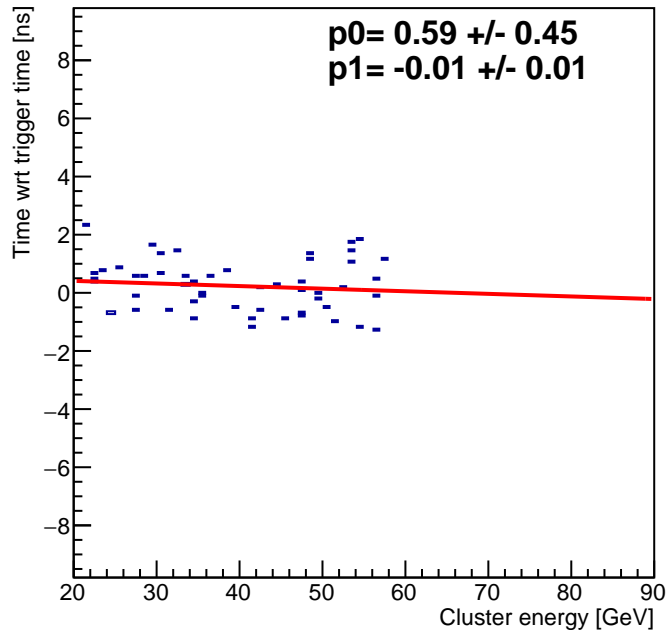
### Cluster time vs energy694



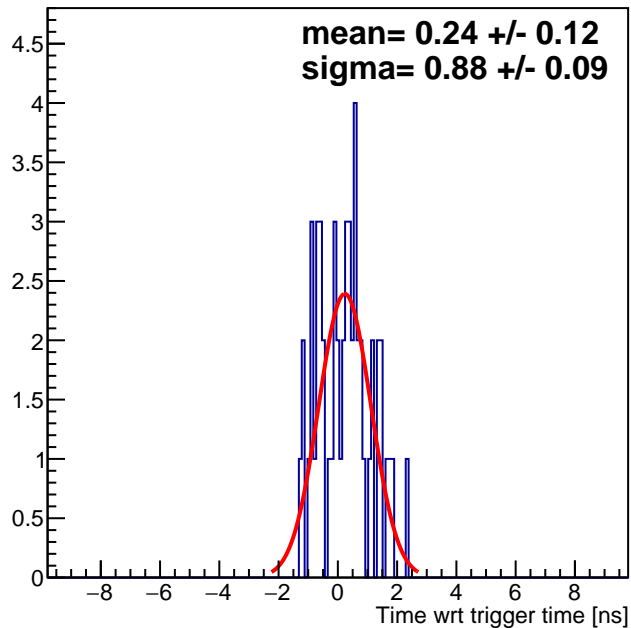
### Primitive time resolution 694



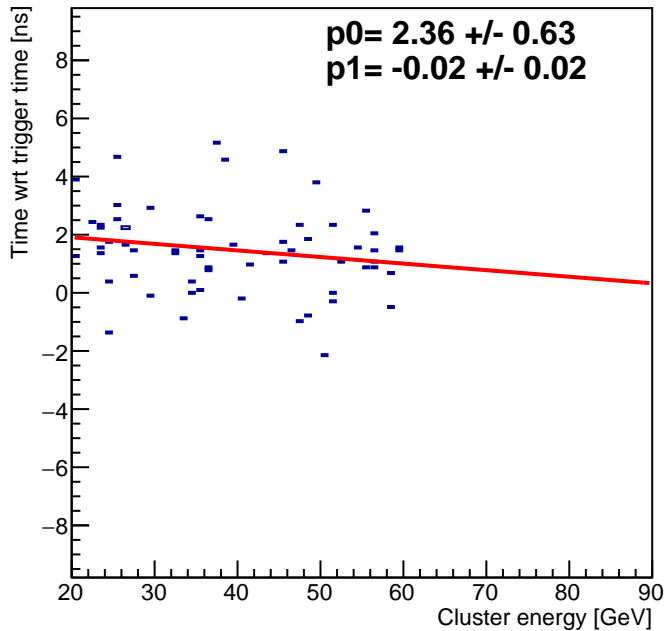
### Cluster time vs energy695



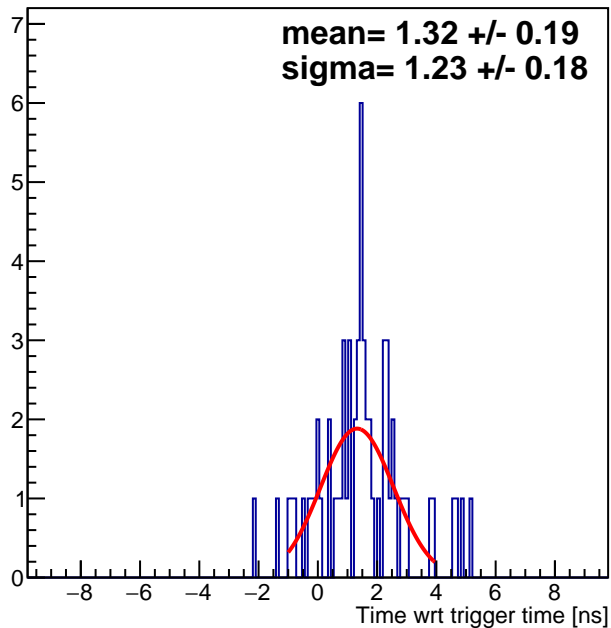
### Primitive time resolution 695



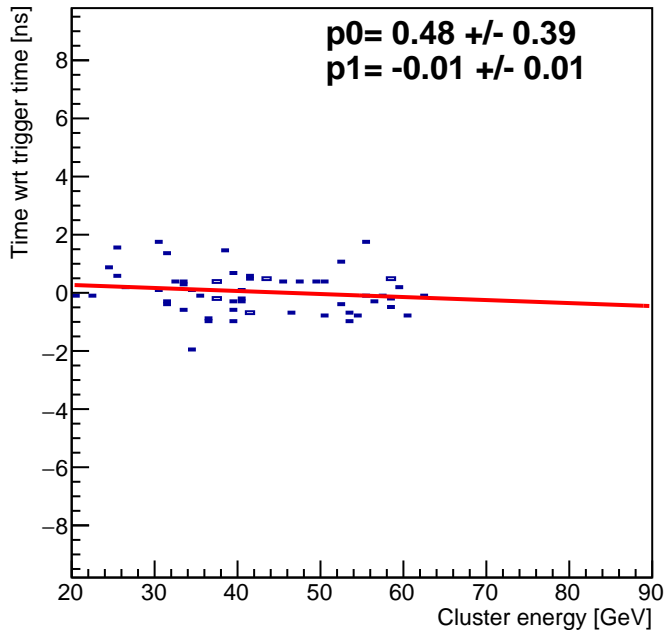
### Cluster time vs energy696



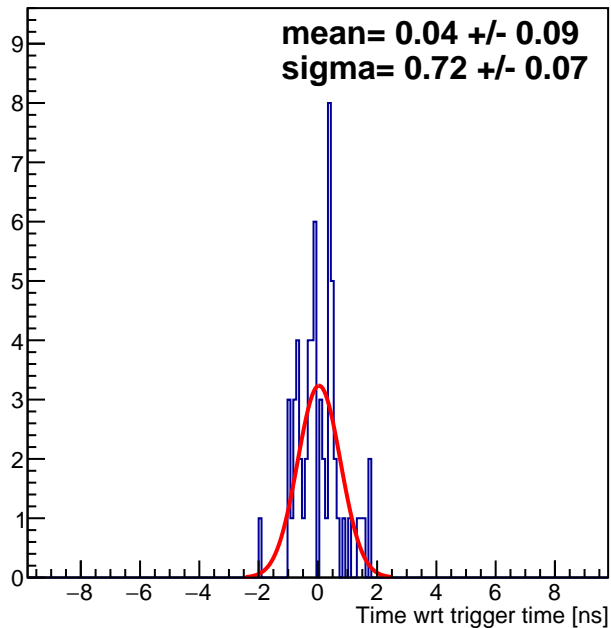
### Primitive time resolution 696



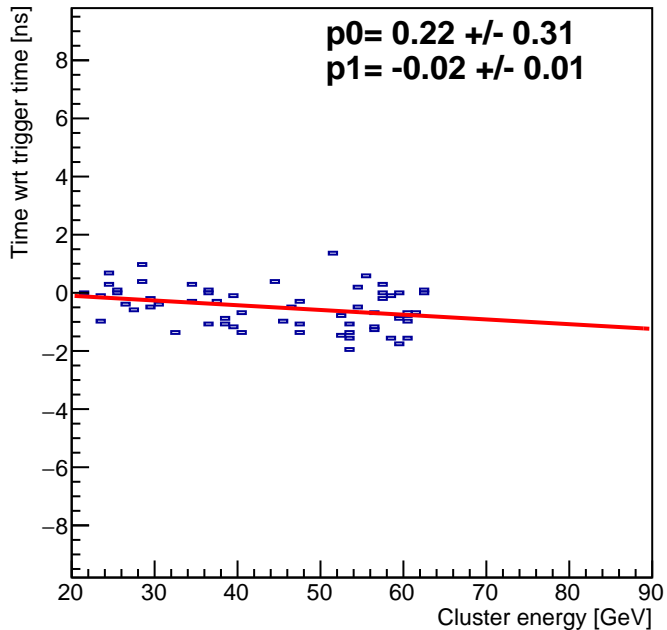
### Cluster time vs energy697



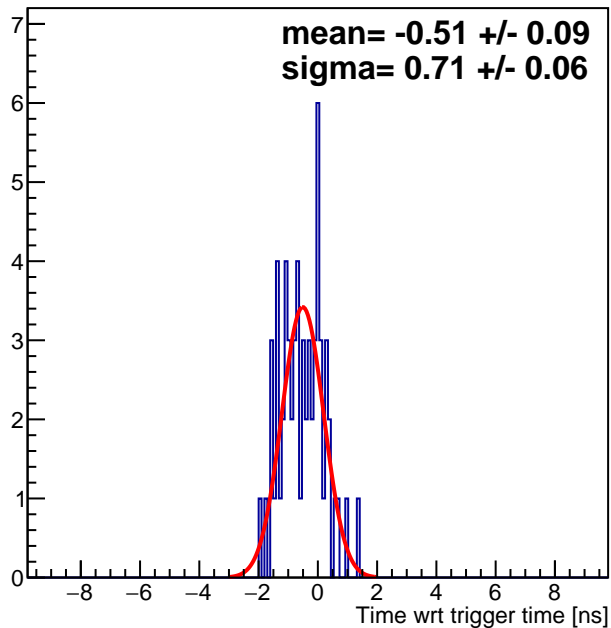
### Primitive time resolution 697



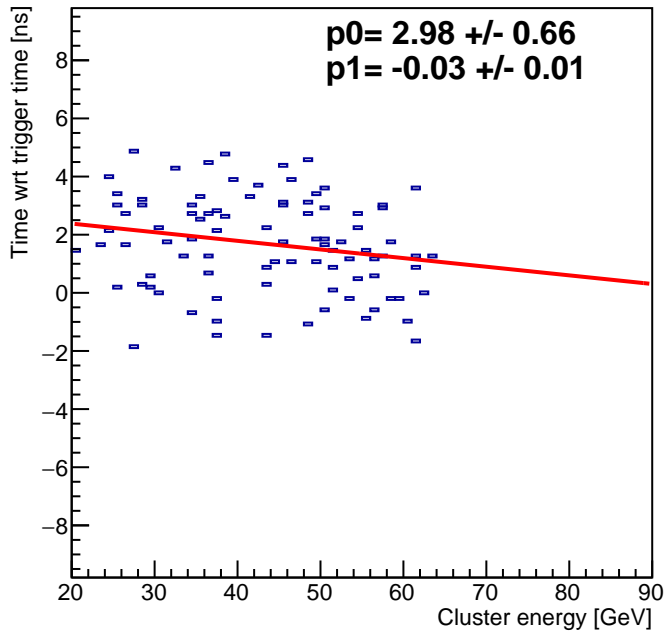
### Cluster time vs energy698



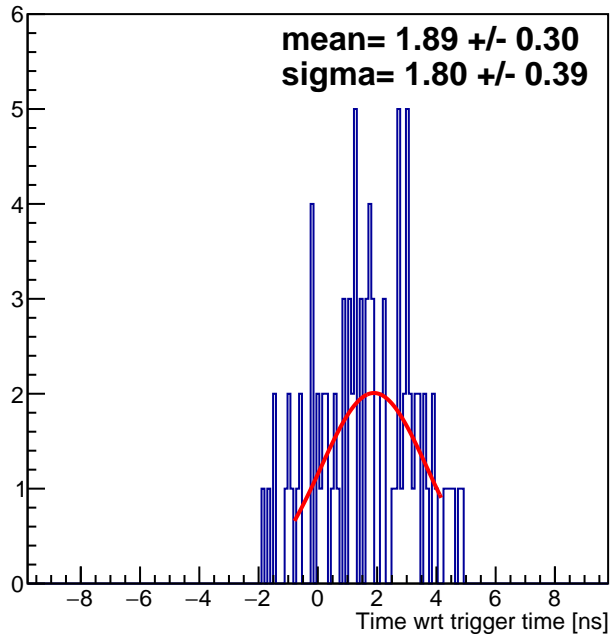
### Primitive time resolution 698



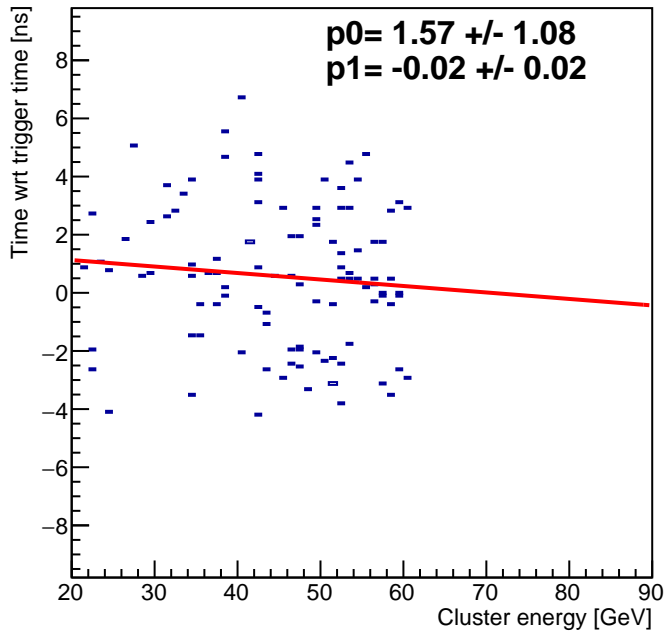
### Cluster time vs energy699



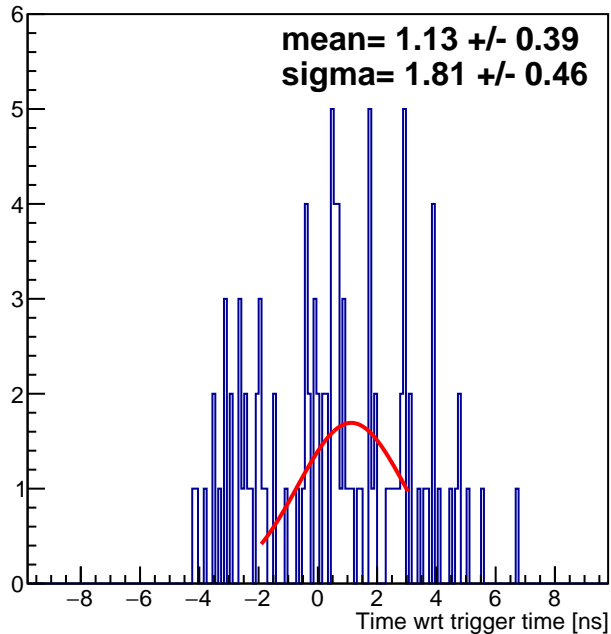
### Primitive time resolution 699



### Cluster time vs energy700

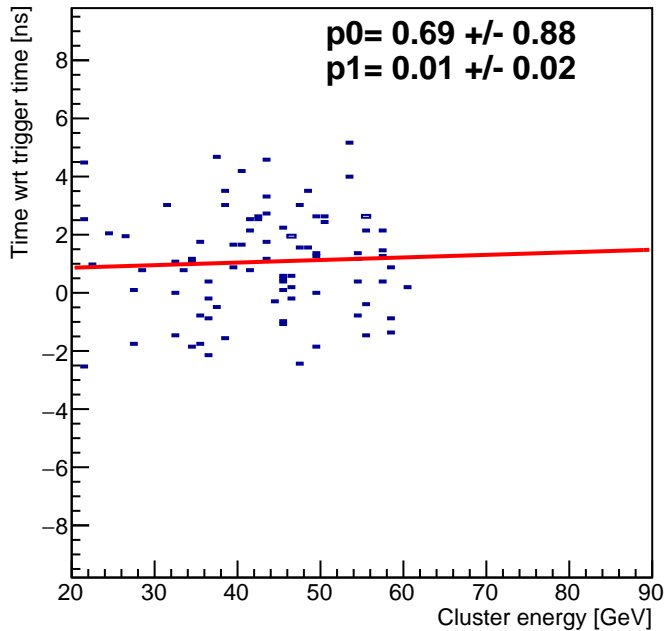


### Primitive time resolution 700

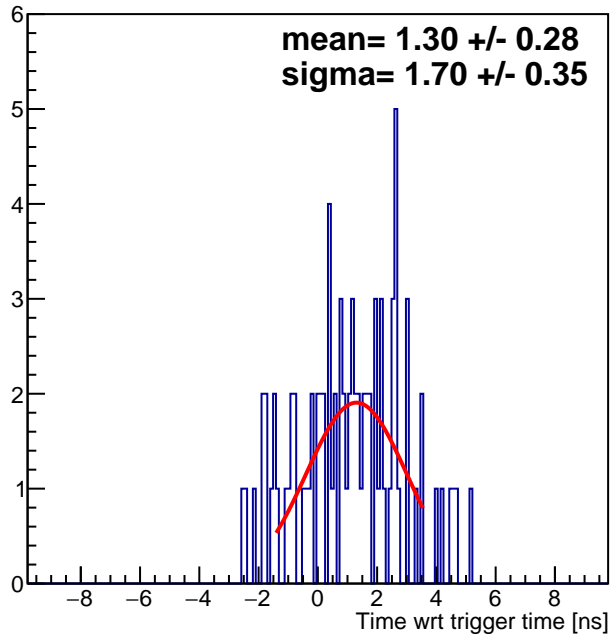




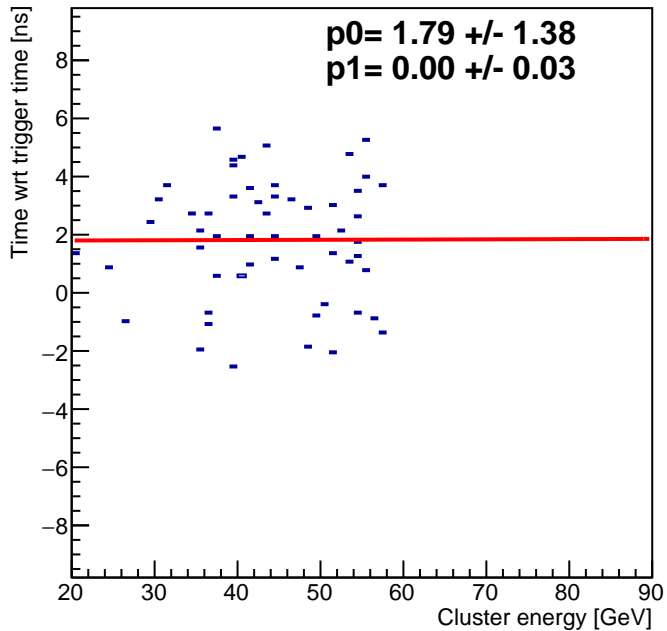
### Cluster time vs energy701



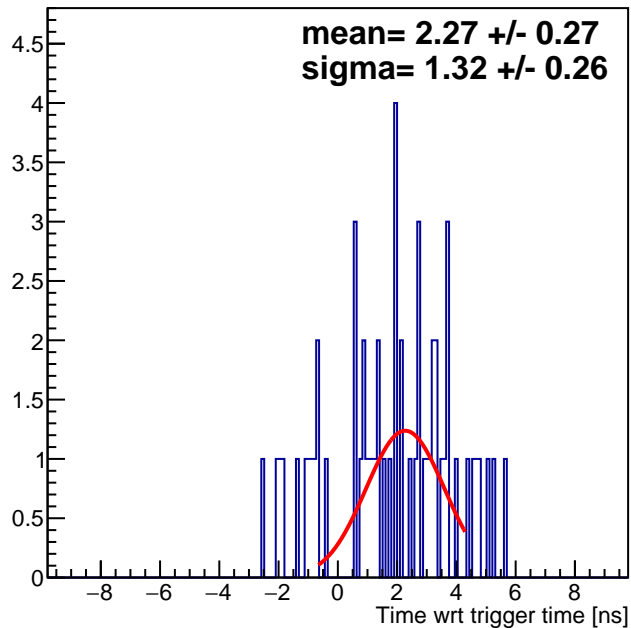
### Primitive time resolution 701



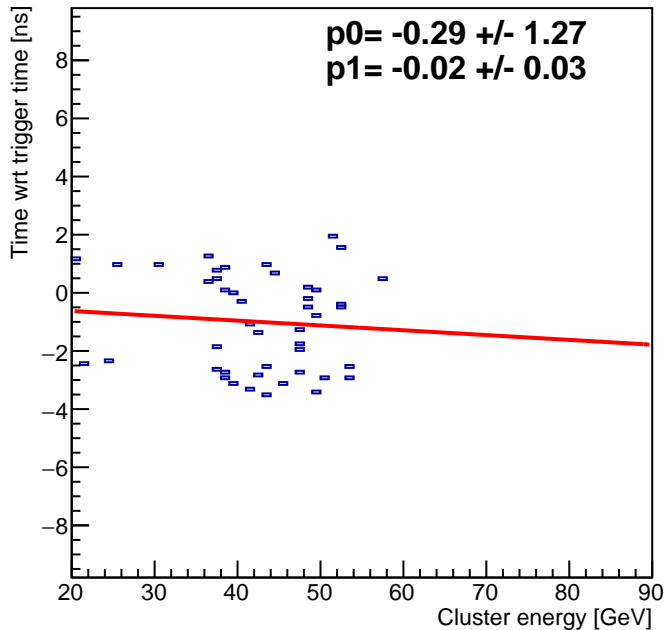
### Cluster time vs energy702



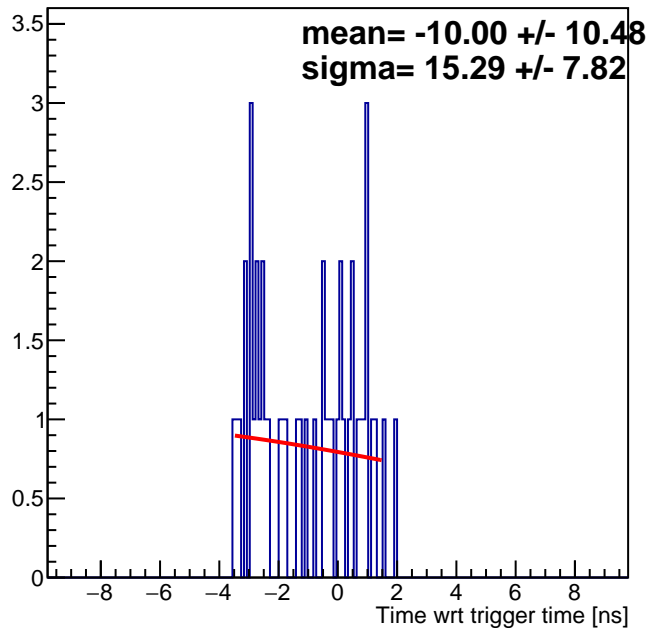
### Primitive time resolution 702



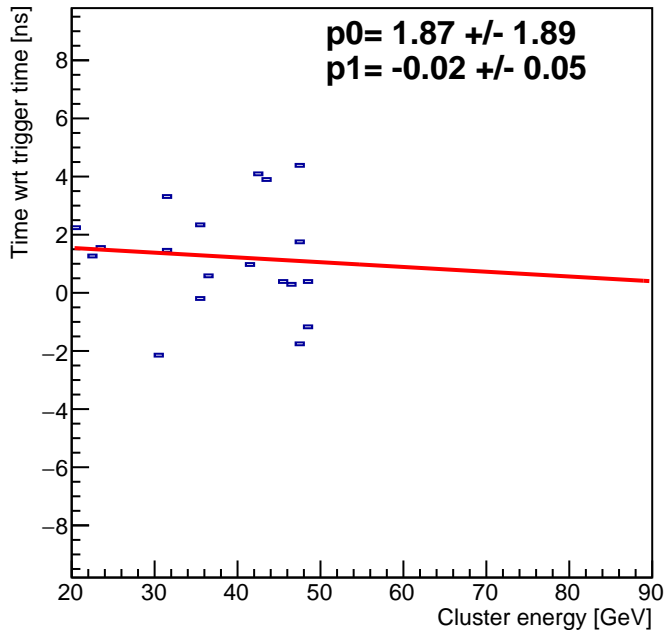
### Cluster time vs energy703



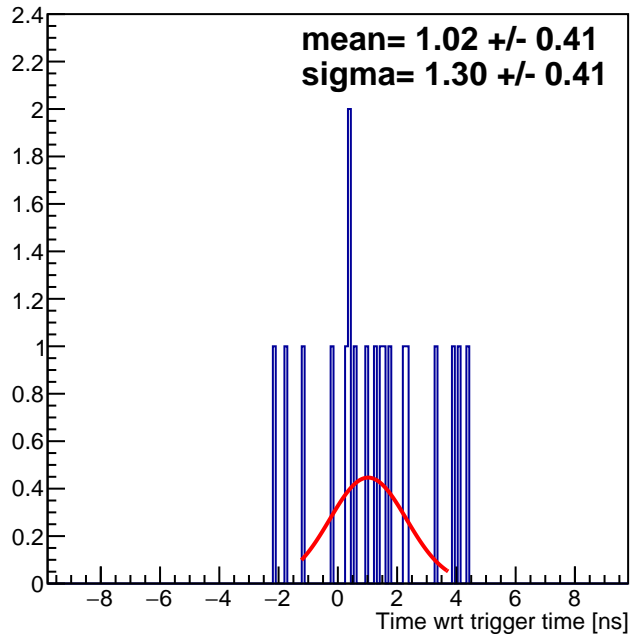
### Primitive time resolution 703



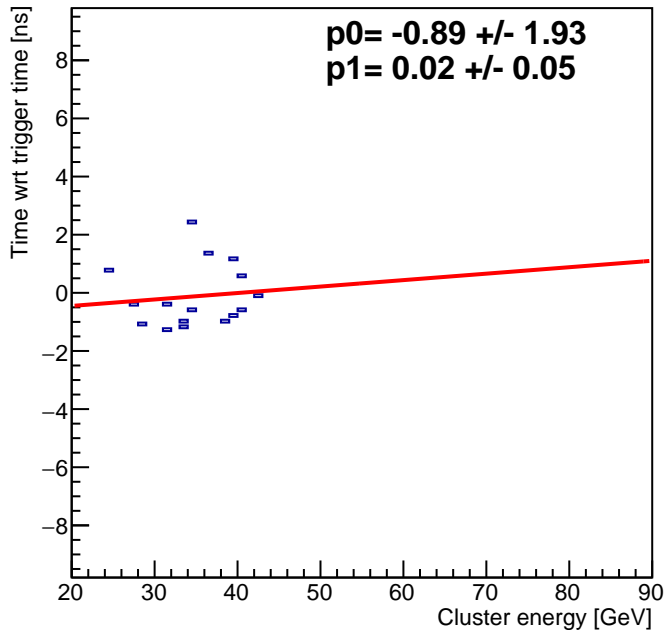
### Cluster time vs energy704



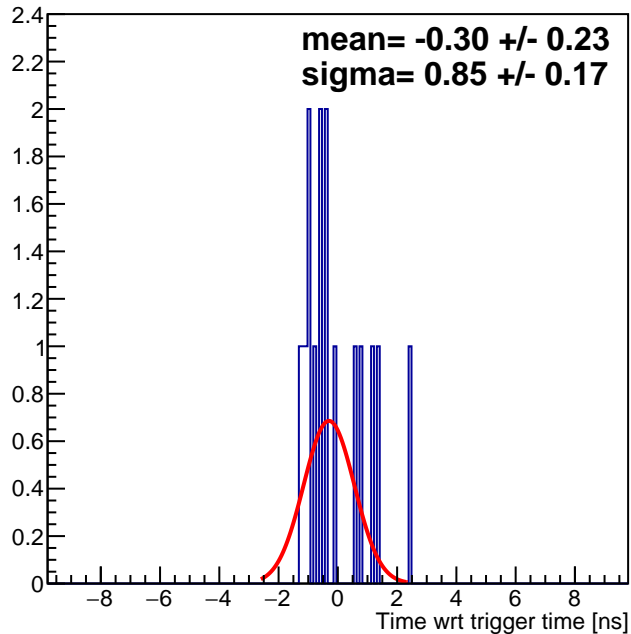
### Primitive time resolution 704



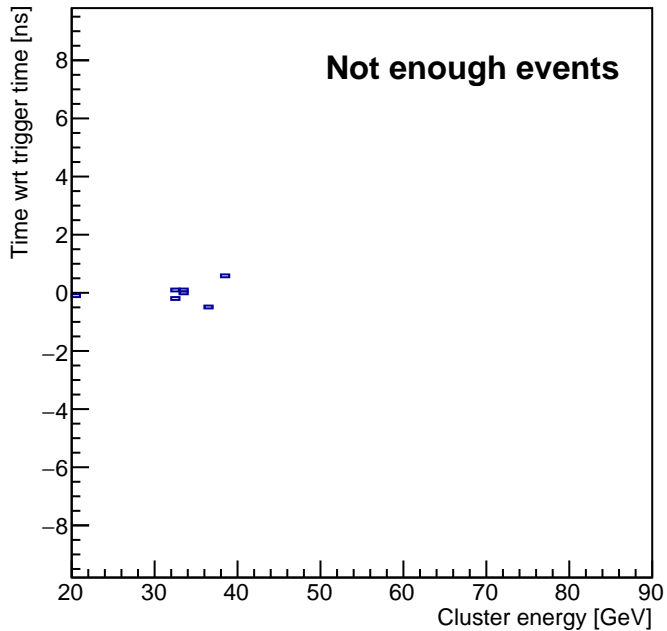
### Cluster time vs energy705



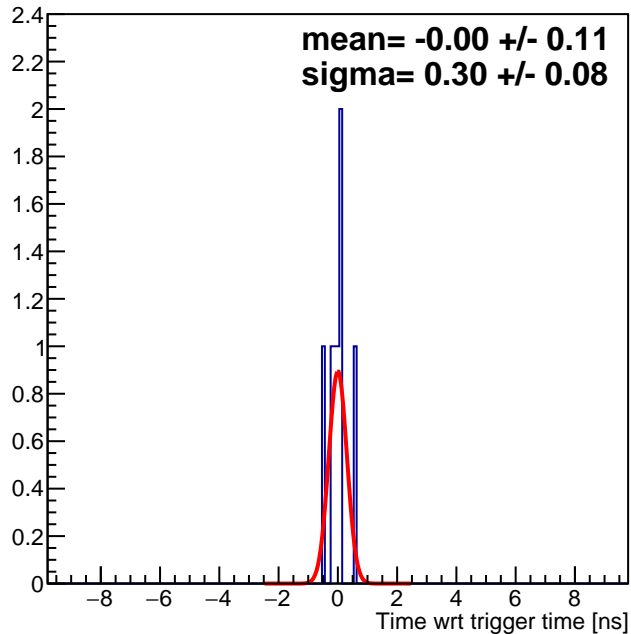
### Primitive time resolution 705



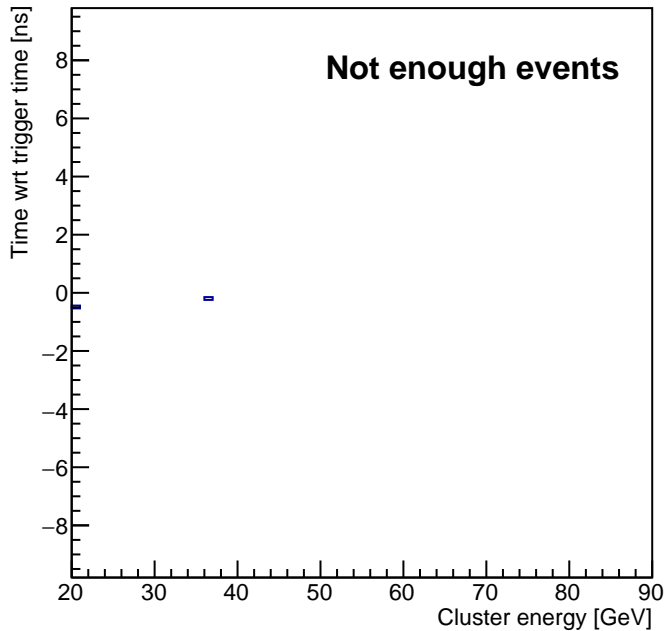
### Cluster time vs energy706



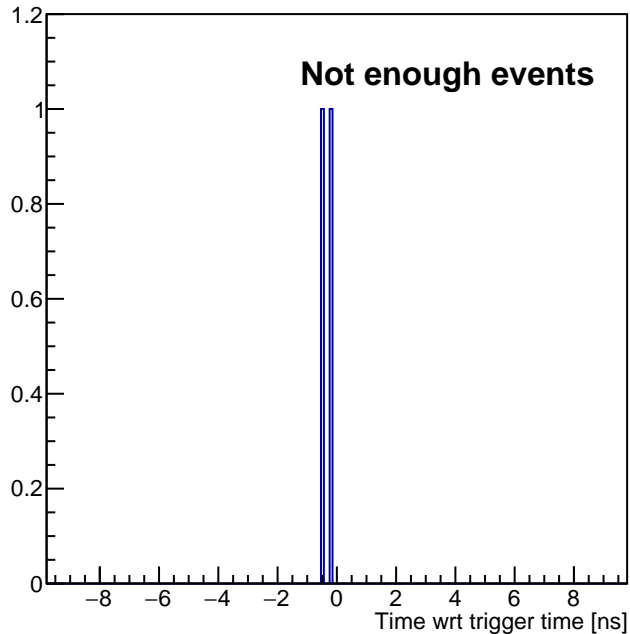
### Primitive time resolution 706



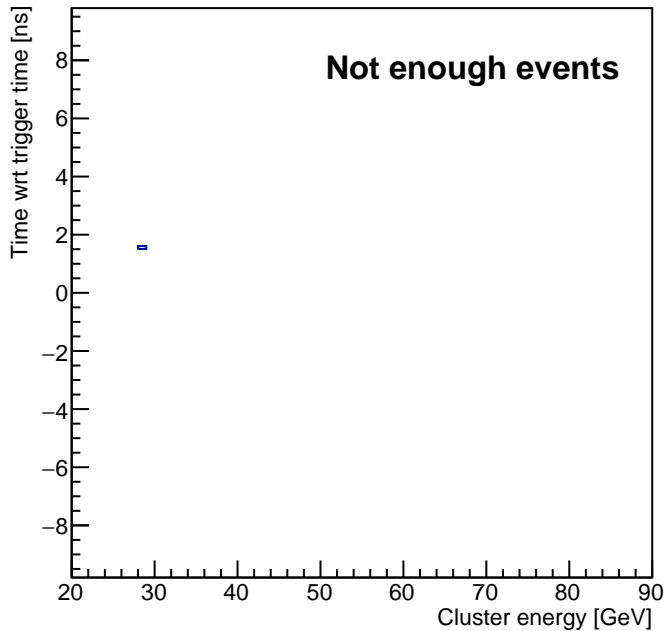
### Cluster time vs energy707



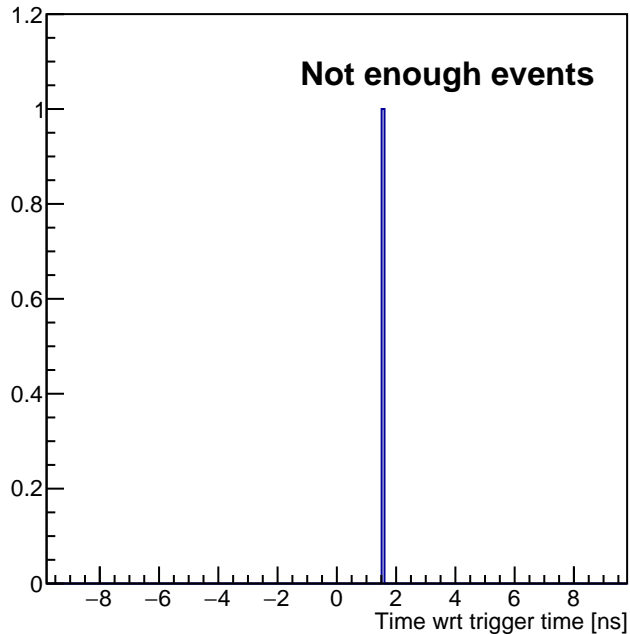
### Primitive time resolution 707



### Cluster time vs energy708



### Primitive time resolution 708





### Cluster time vs energy709



### Primitive time resolution 709



### Cluster time vs energy710



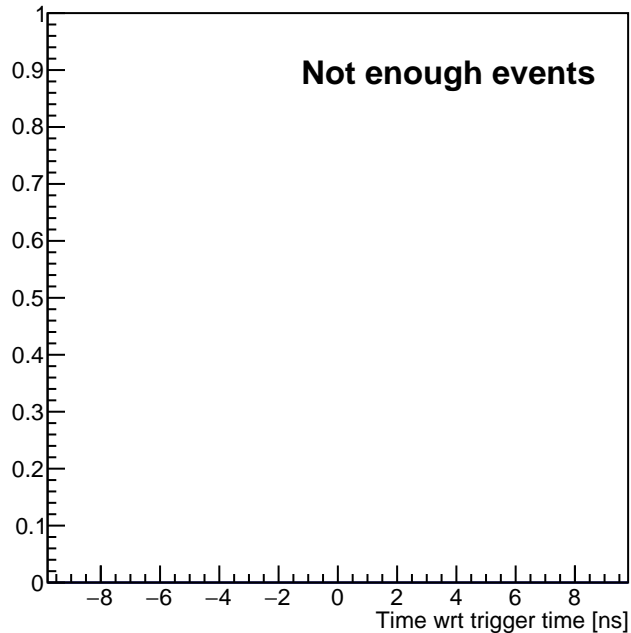
### Primitive time resolution 710



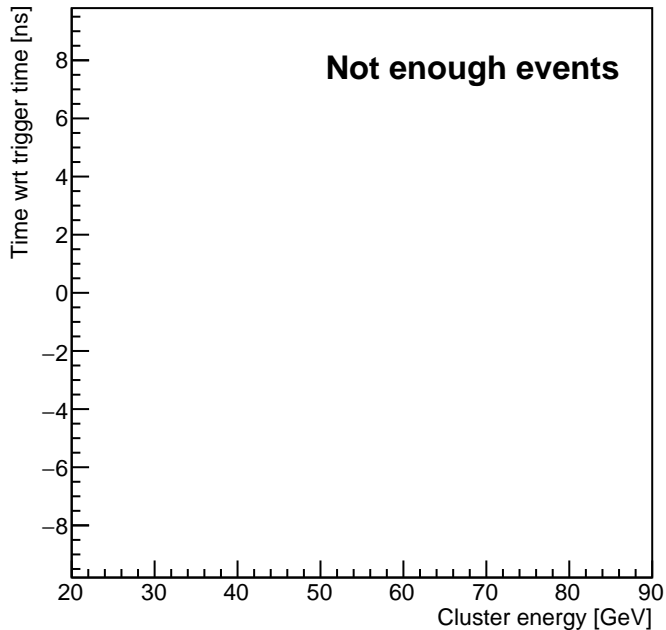
### Cluster time vs energy711



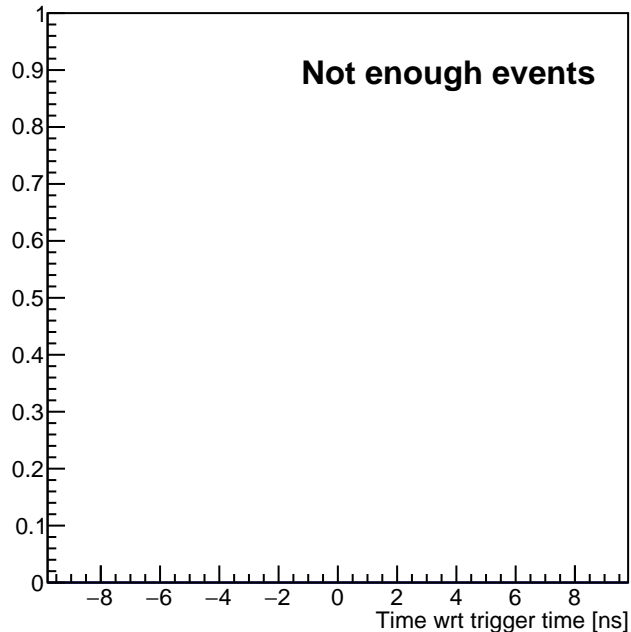
### Primitive time resolution 711



### Cluster time vs energy712



### Primitive time resolution 712



### Cluster time vs energy715



### Primitive time resolution 715



### Cluster time vs energy716



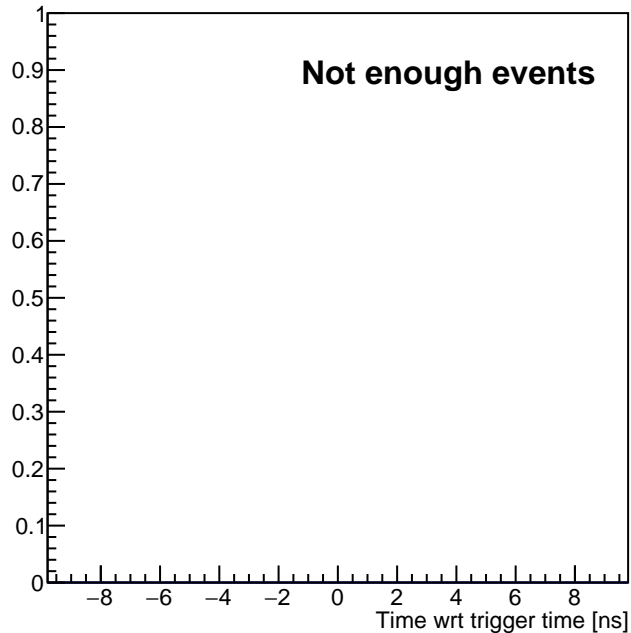
### Primitive time resolution 716



### Cluster time vs energy717



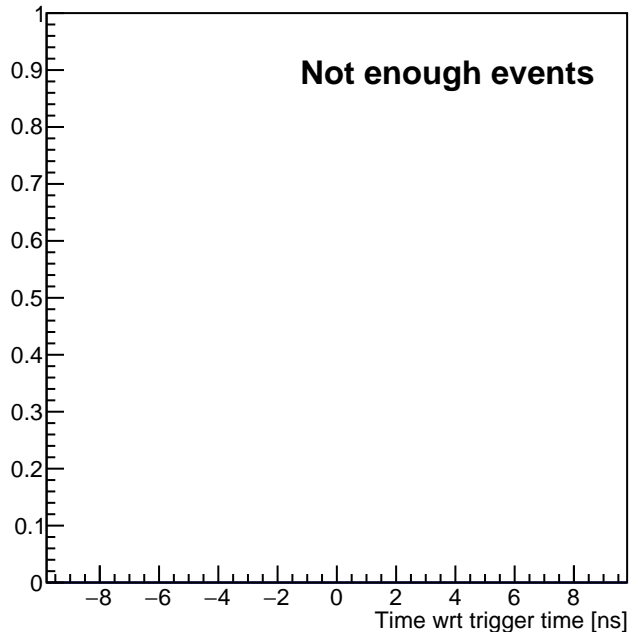
### Primitive time resolution 717



### Cluster time vs energy718



### Primitive time resolution 718





### Cluster time vs energy719



### Primitive time resolution 719



### Cluster time vs energy720



### Primitive time resolution 720



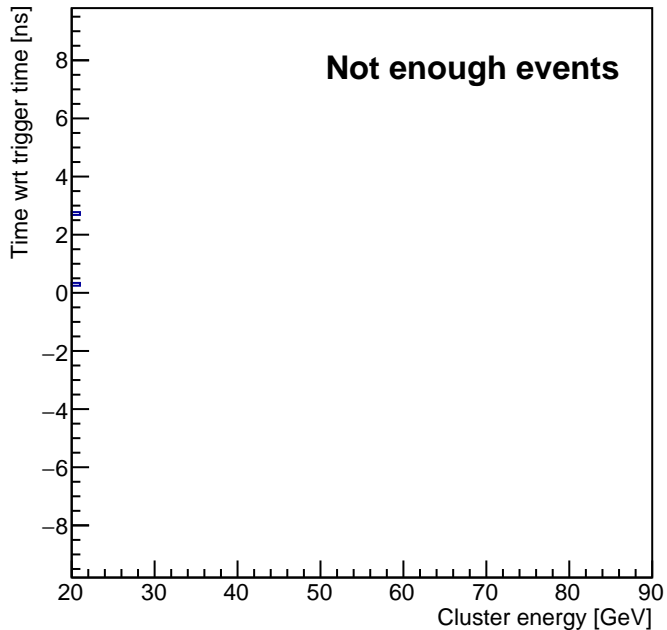
### Cluster time vs energy721



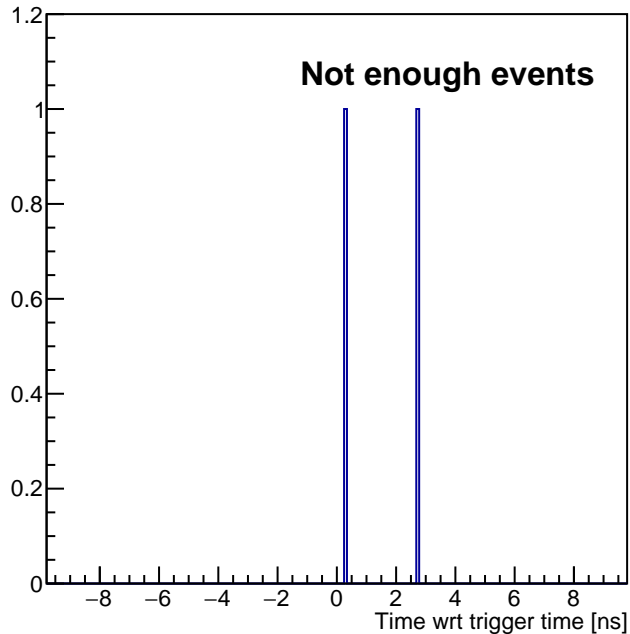
### Primitive time resolution 721



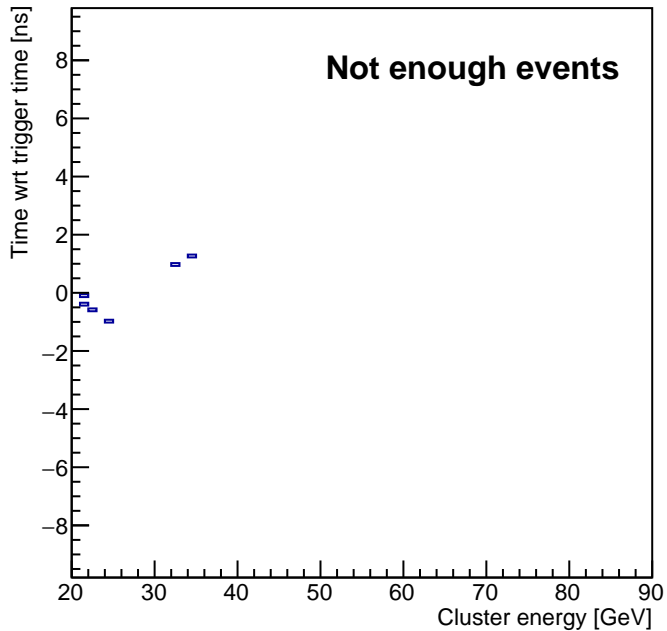
### Cluster time vs energy722



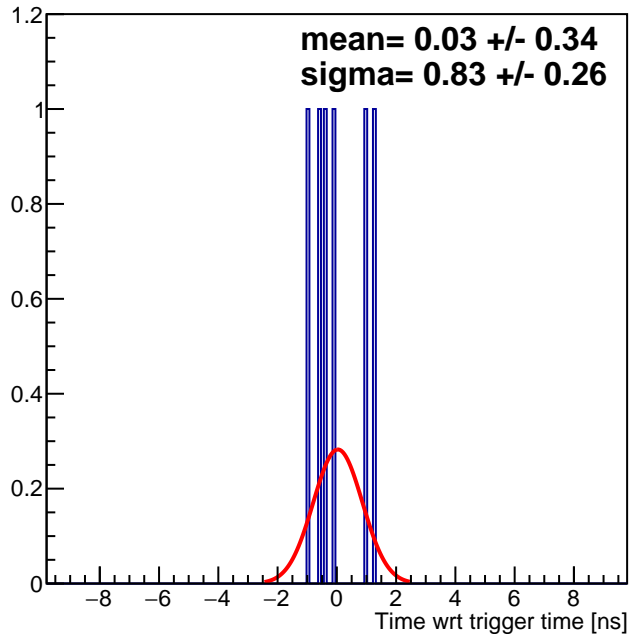
### Primitive time resolution 722



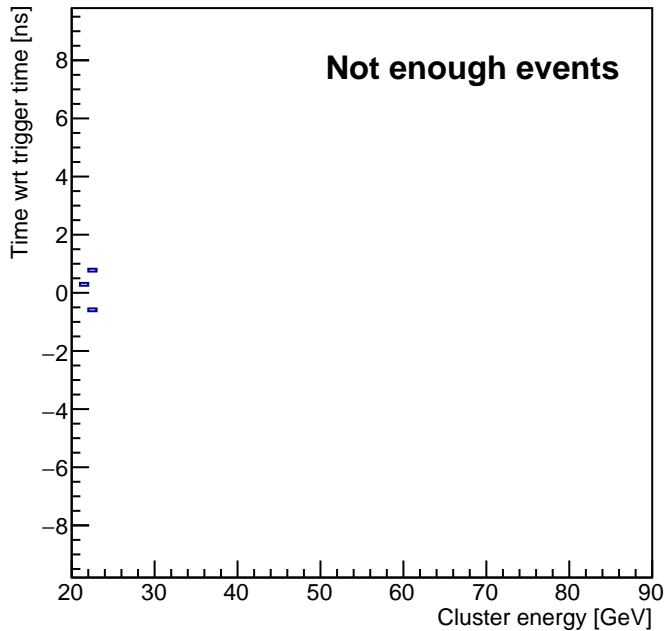
### Cluster time vs energy723



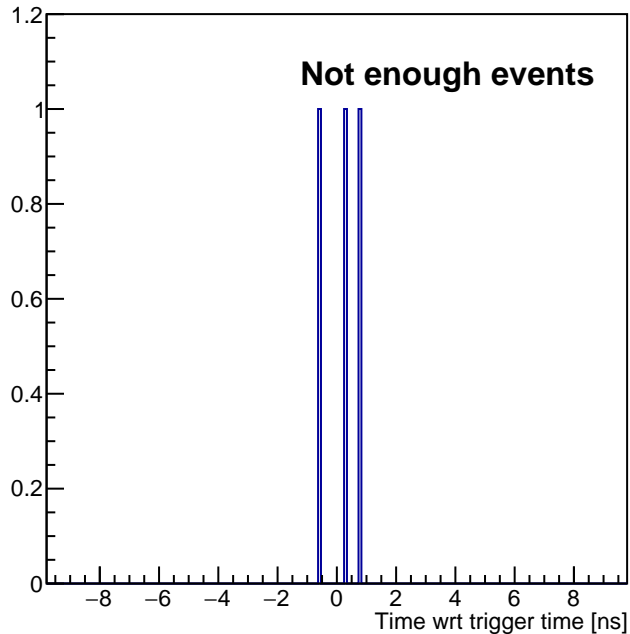
### Primitive time resolution 723



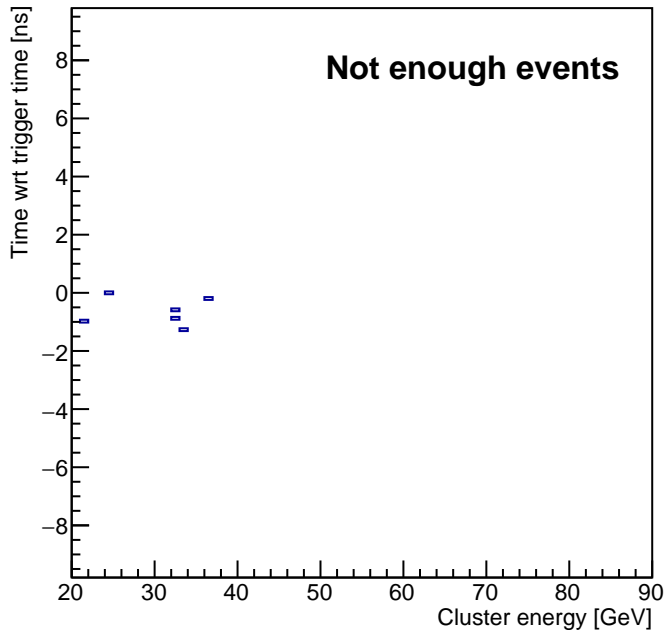
### Cluster time vs energy724



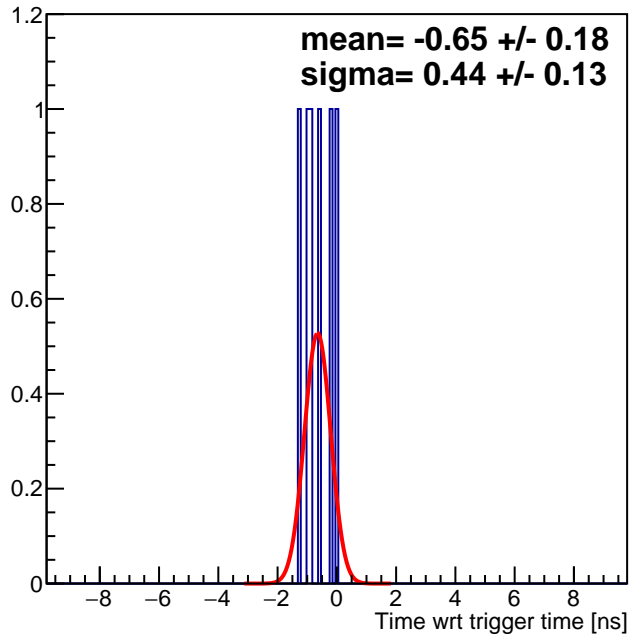
### Primitive time resolution 724



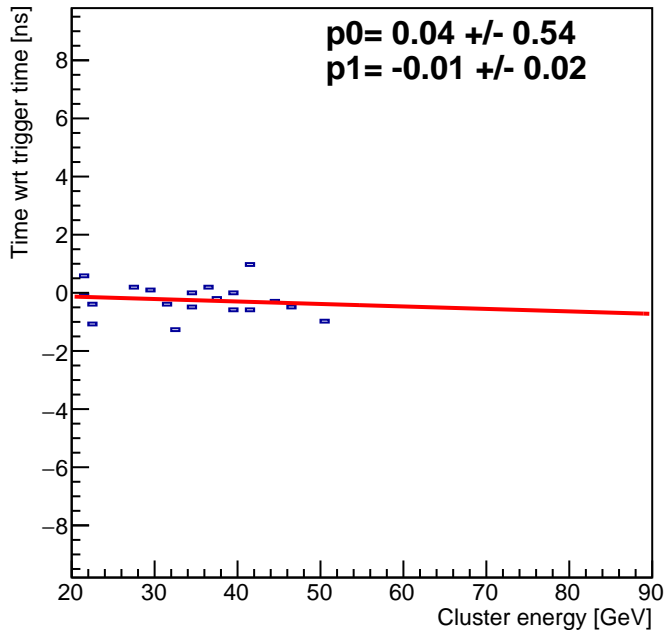
### Cluster time vs energy725



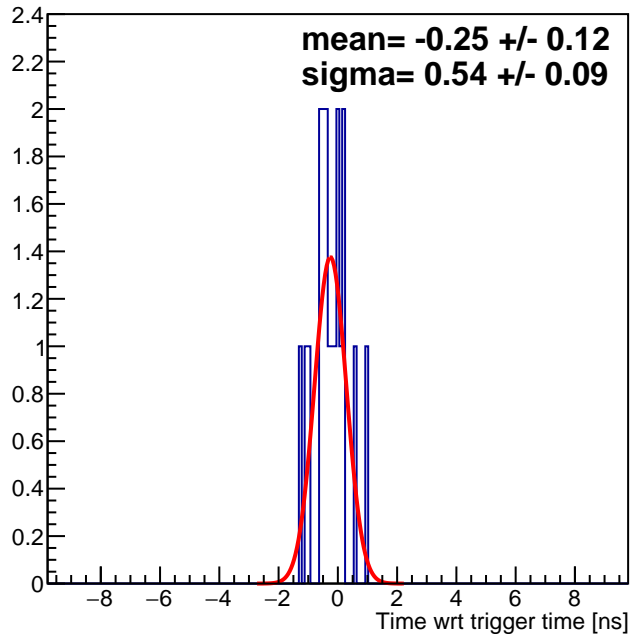
### Primitive time resolution 725



### Cluster time vs energy726

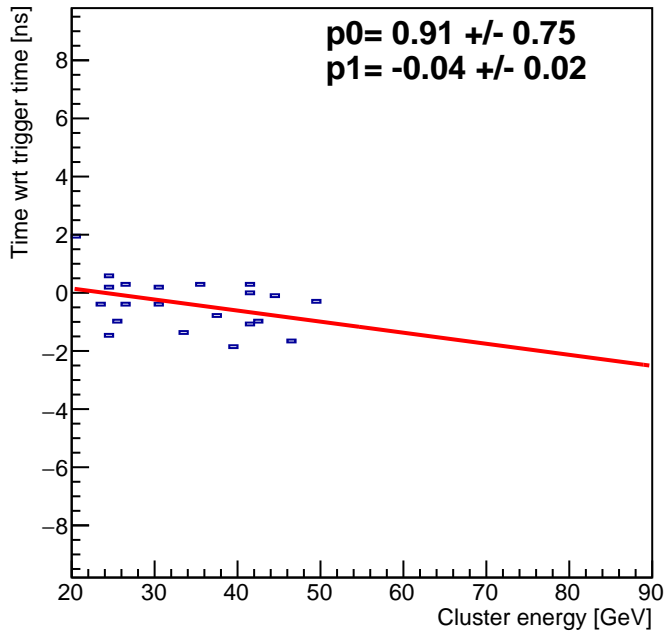


### Primitive time resolution 726

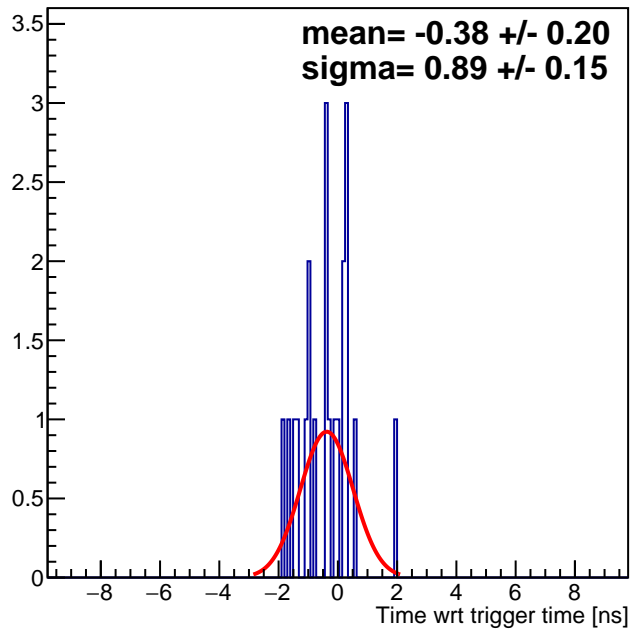




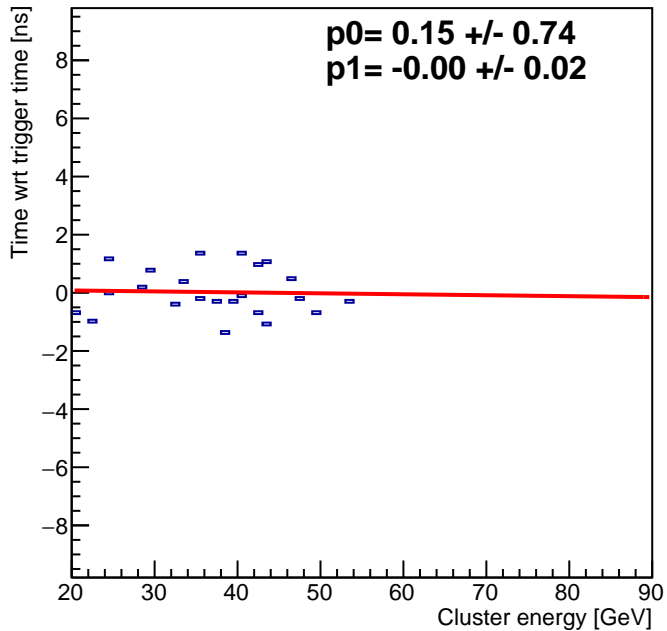
### Cluster time vs energy727



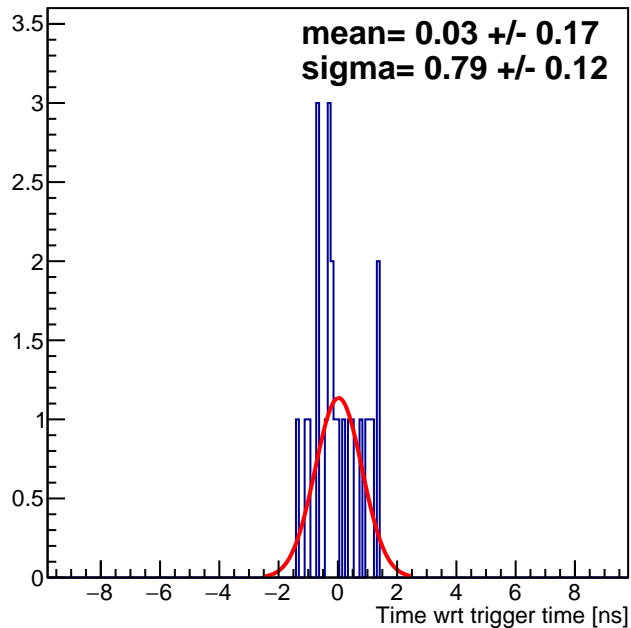
### Primitive time resolution 727



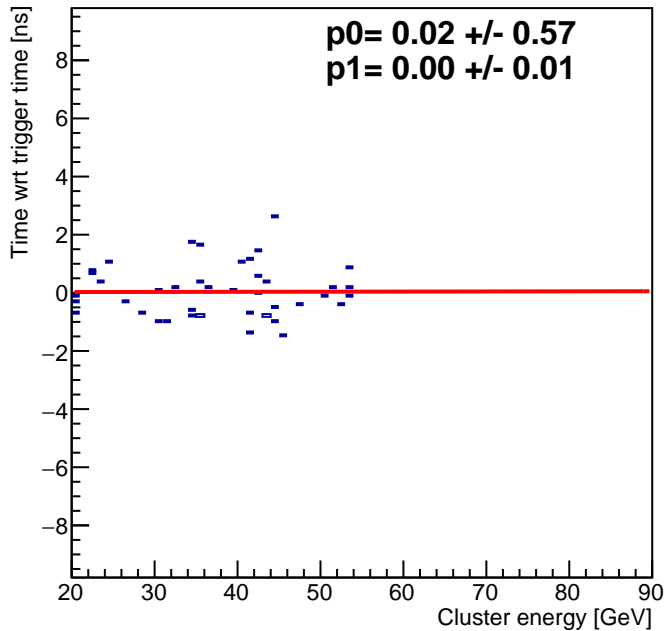
### Cluster time vs energy728



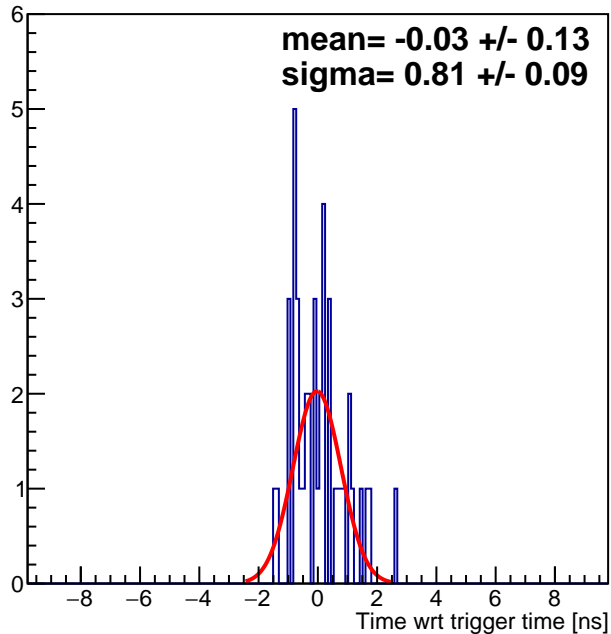
### Primitive time resolution 728



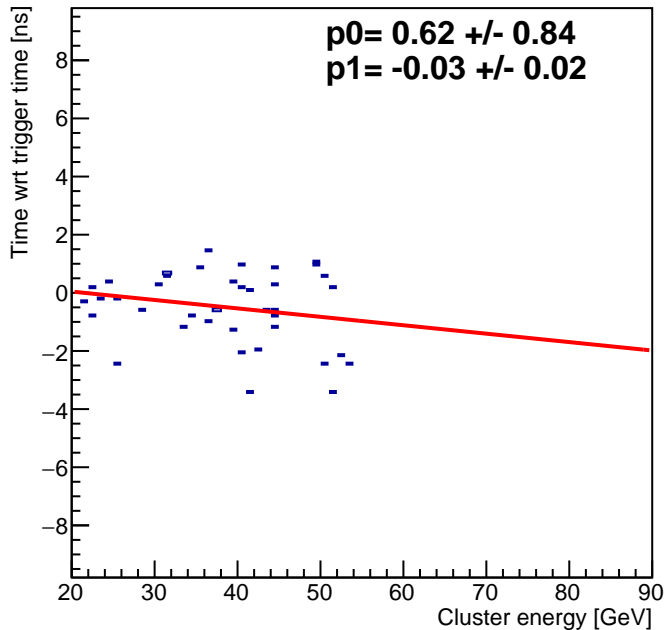
### Cluster time vs energy729



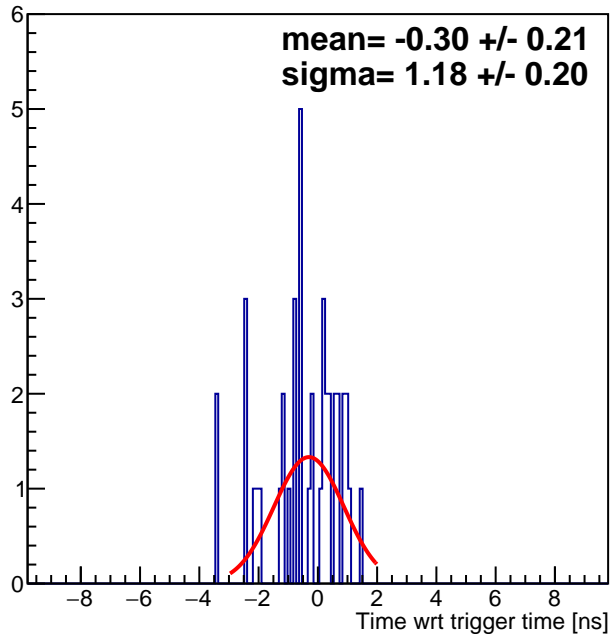
### Primitive time resolution 729



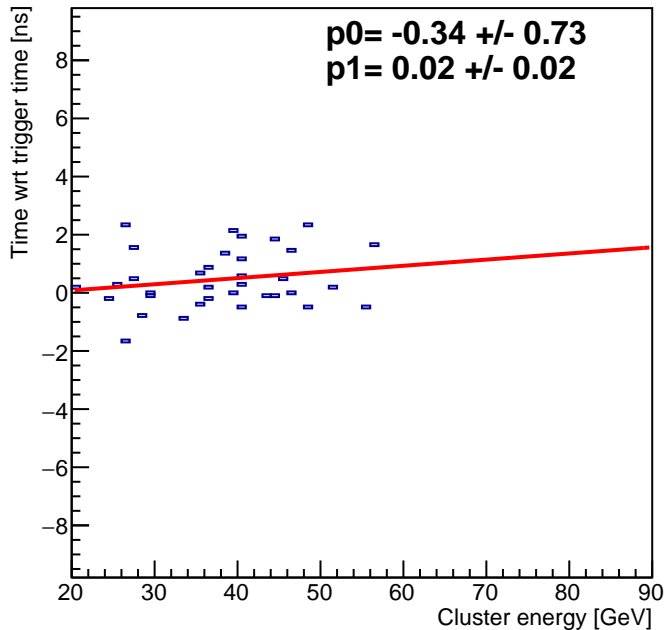
### Cluster time vs energy730



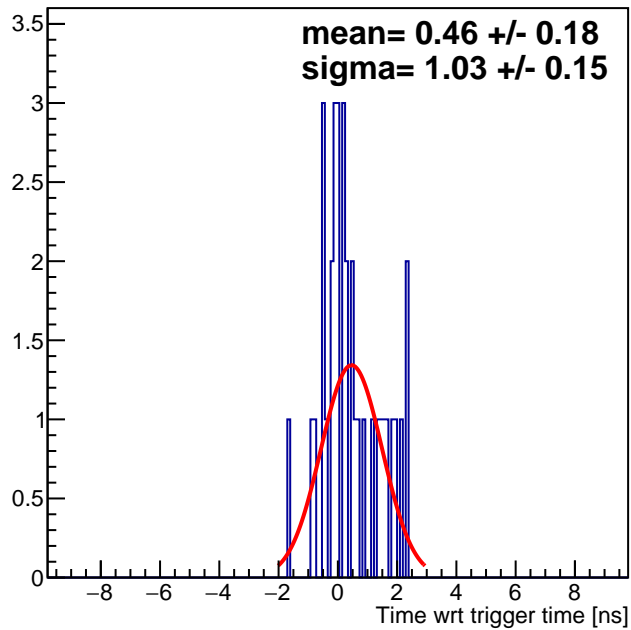
### Primitive time resolution 730



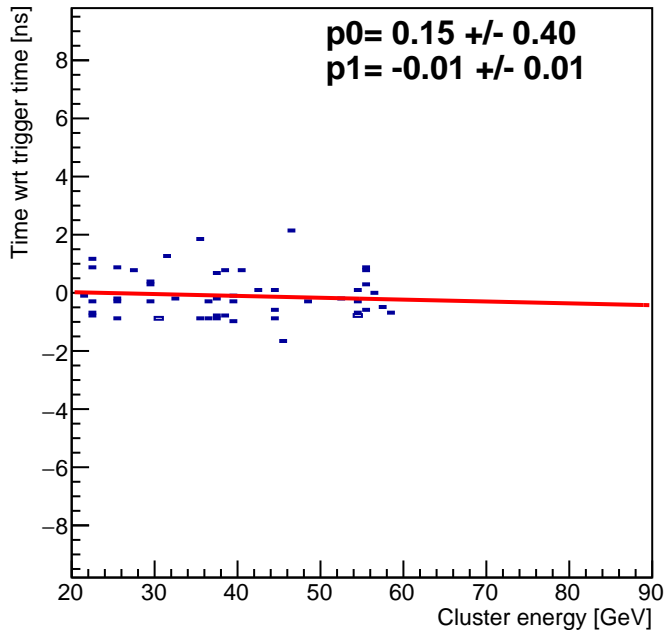
### Cluster time vs energy731



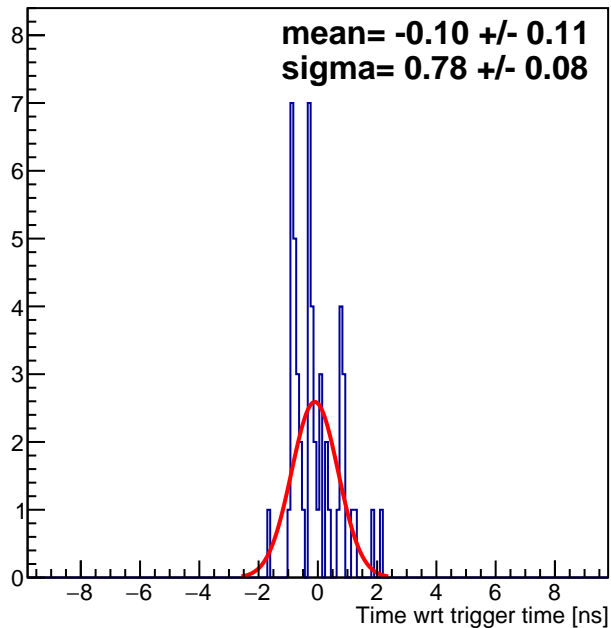
### Primitive time resolution 731



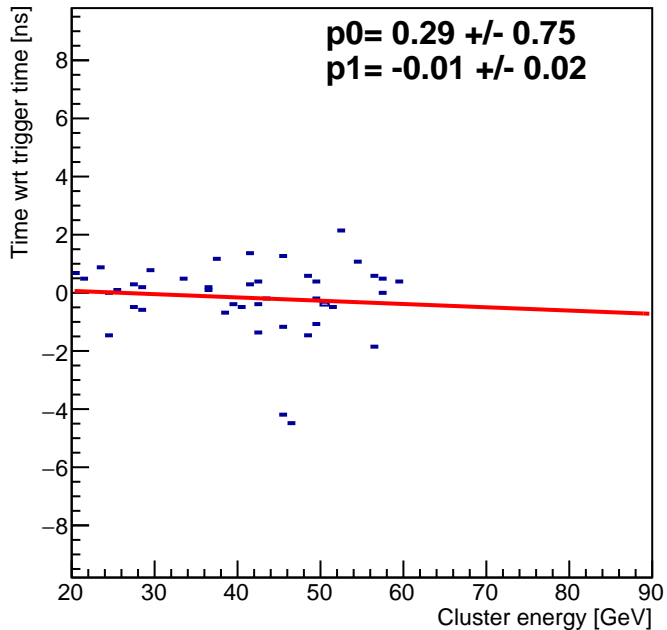
### Cluster time vs energy732



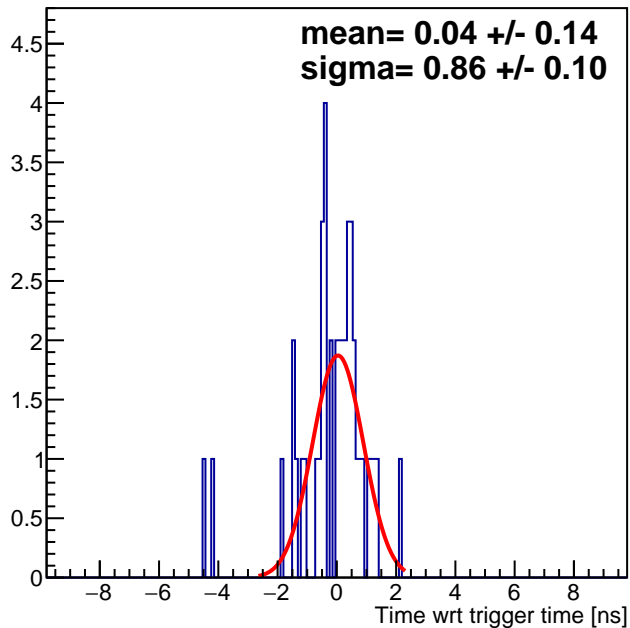
### Primitive time resolution 732



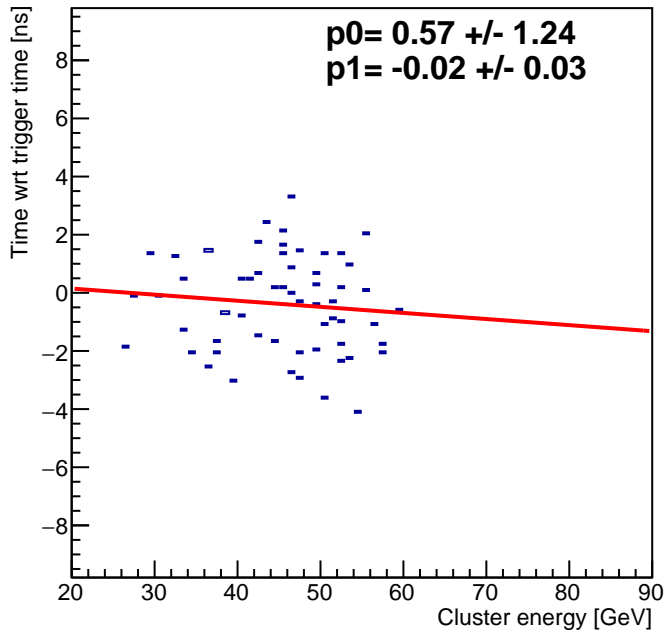
### Cluster time vs energy733



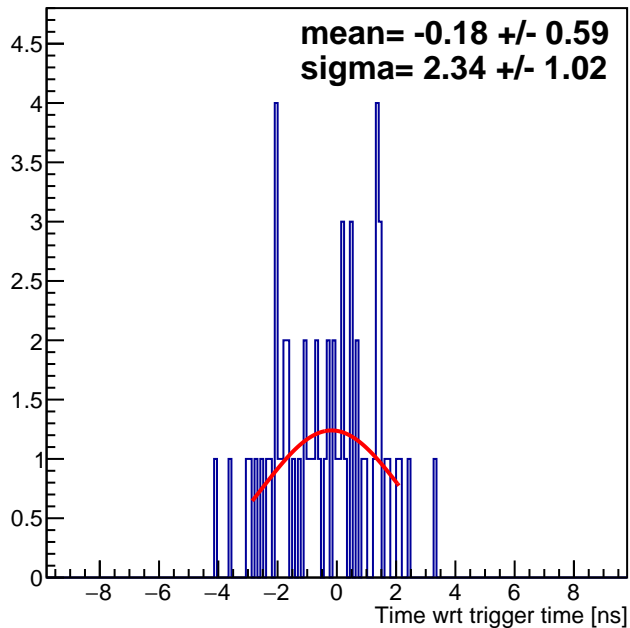
### Primitive time resolution 733



### Cluster time vs energy734

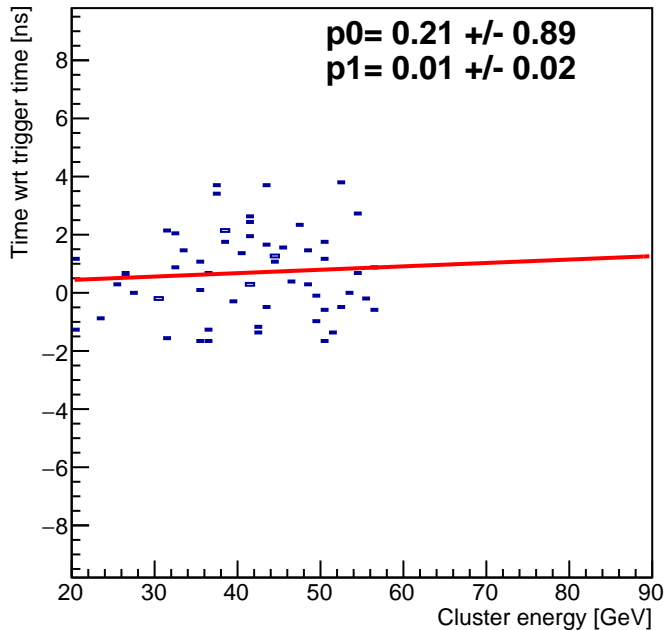


### Primitive time resolution 734

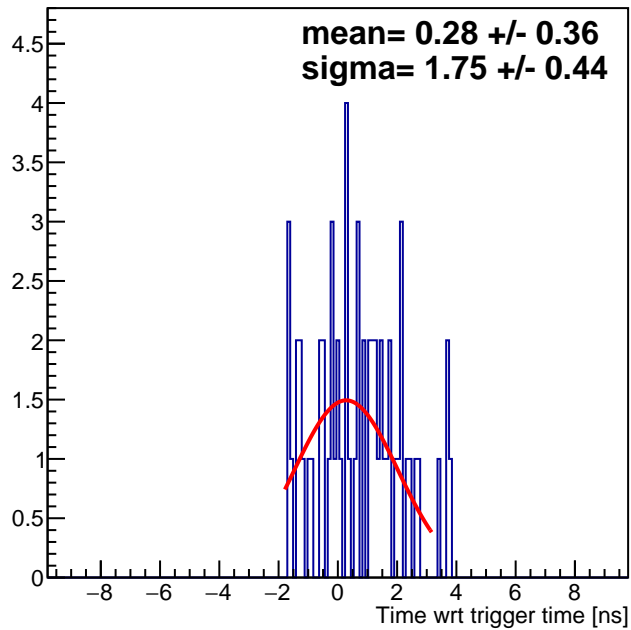




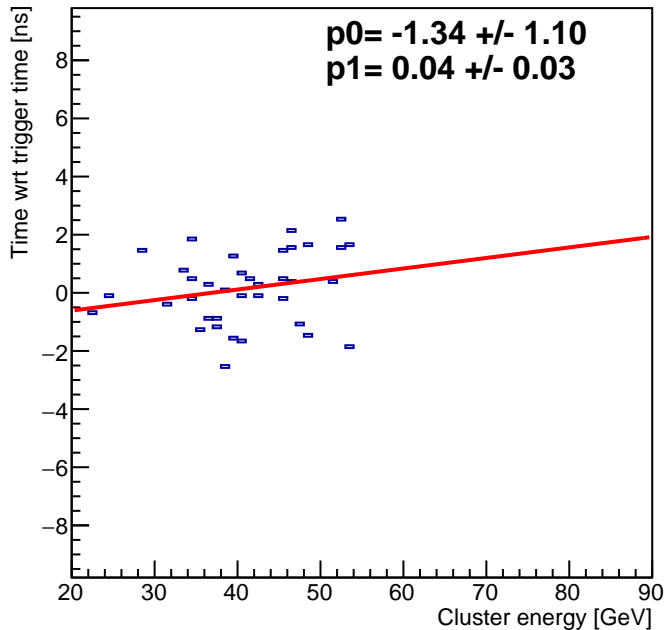
### Cluster time vs energy735



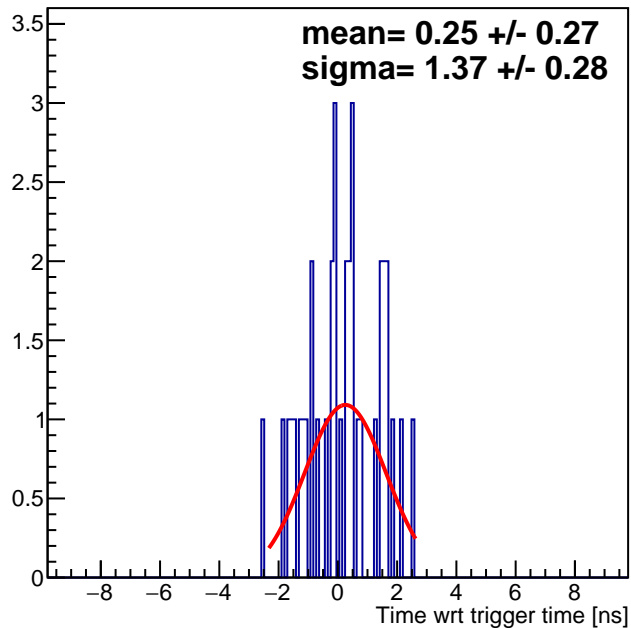
### Primitive time resolution 735



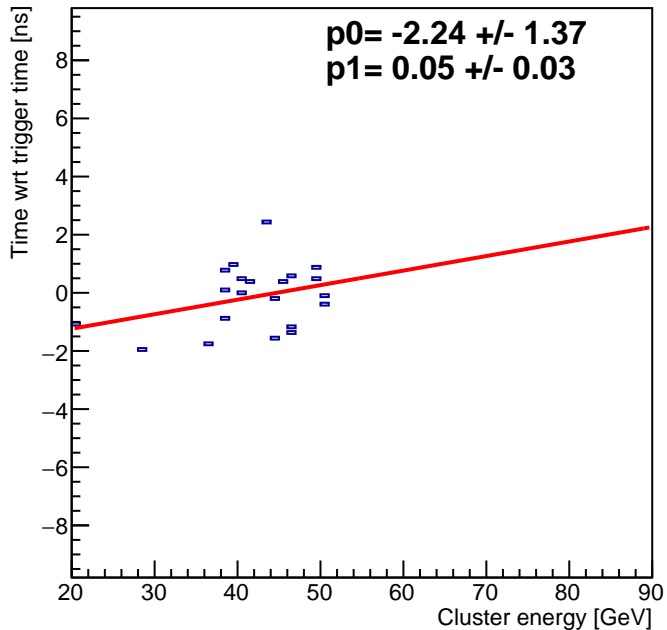
### Cluster time vs energy736



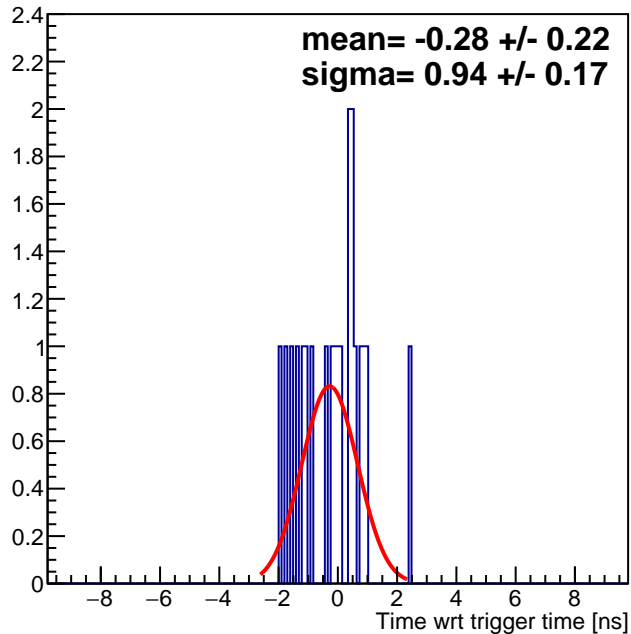
### Primitive time resolution 736



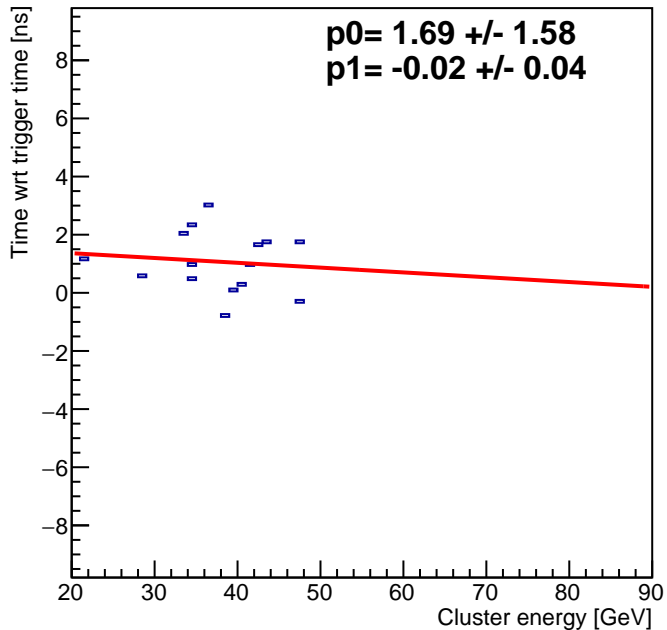
### Cluster time vs energy737



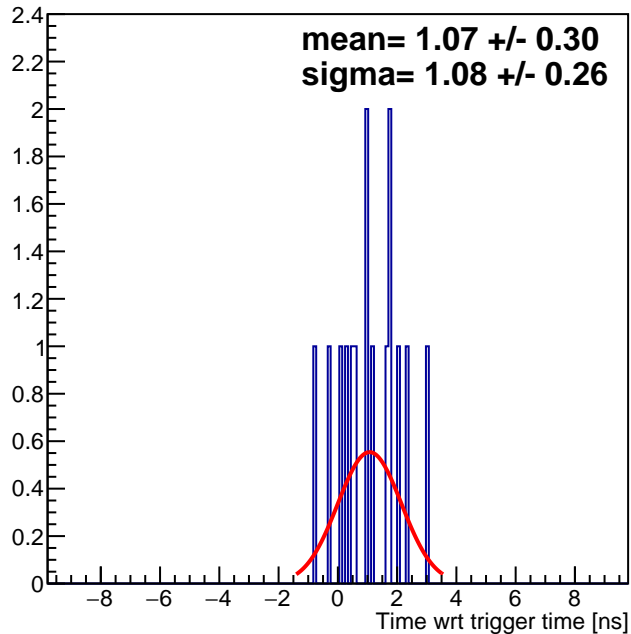
### Primitive time resolution 737



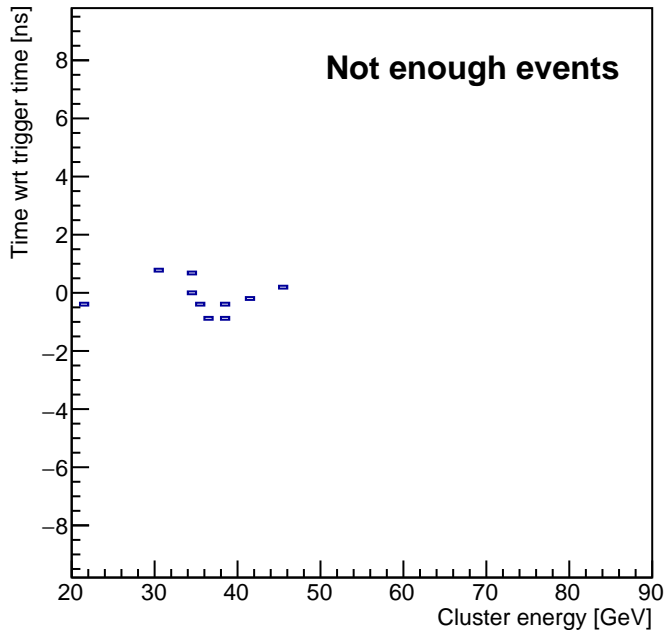
### Cluster time vs energy738



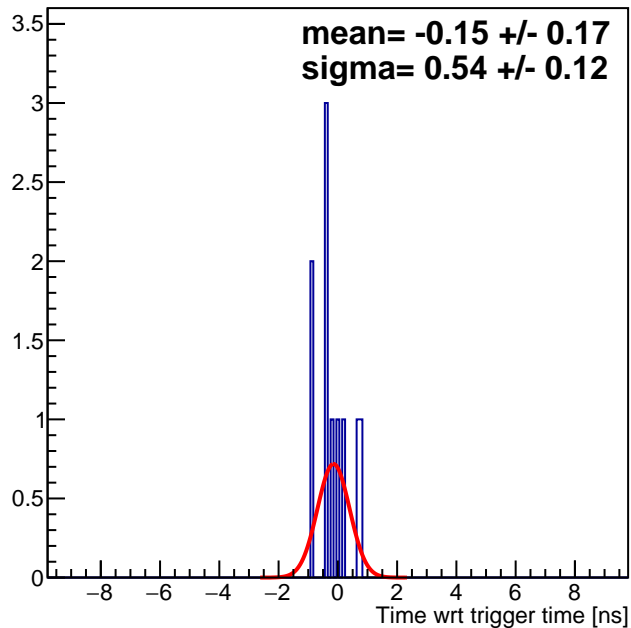
### Primitive time resolution 738



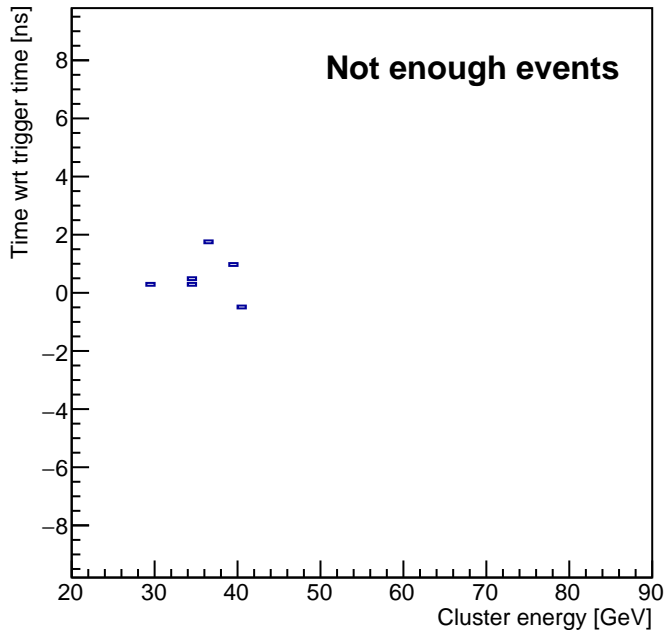
### Cluster time vs energy739



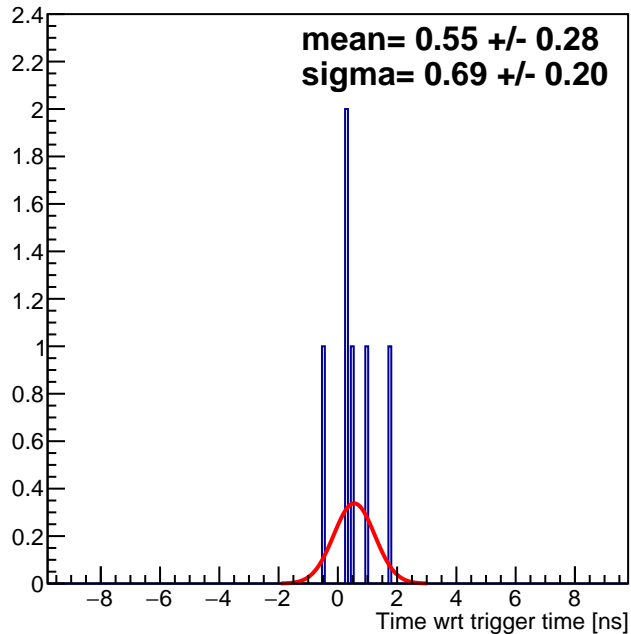
### Primitive time resolution 739



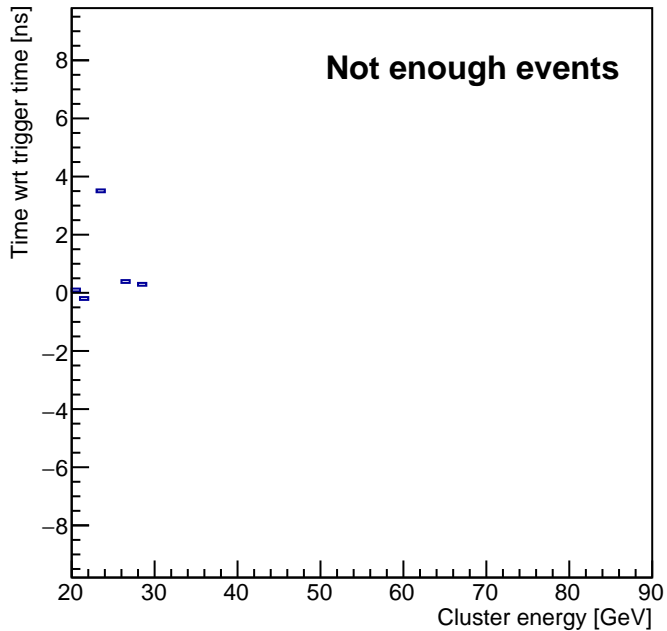
### Cluster time vs energy740



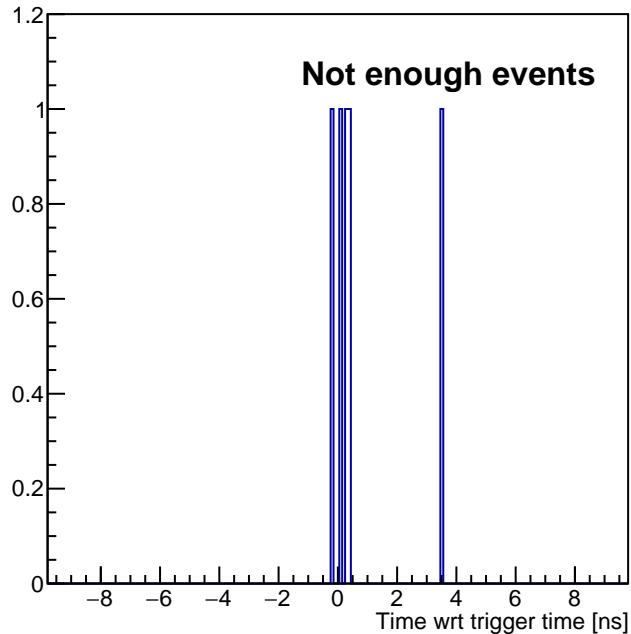
### Primitive time resolution 740



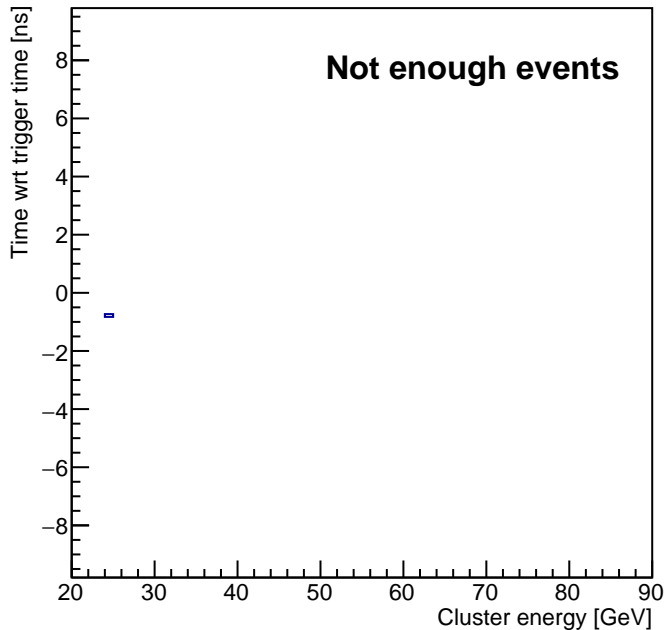
### Cluster time vs energy741



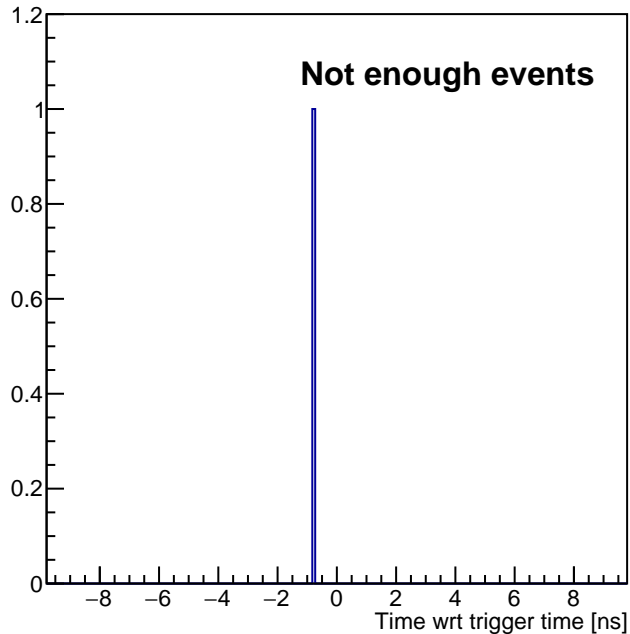
### Primitive time resolution 741



### Cluster time vs energy742



### Primitive time resolution 742





### Cluster time vs energy743



### Primitive time resolution 743



### Cluster time vs energy744



### Primitive time resolution 744



### Cluster time vs energy745



### Primitive time resolution 745



### Cluster time vs energy746



### Primitive time resolution 746



### Cluster time vs energy749



### Primitive time resolution 749



### Cluster time vs energy750



### Primitive time resolution 750



### Cluster time vs energy751



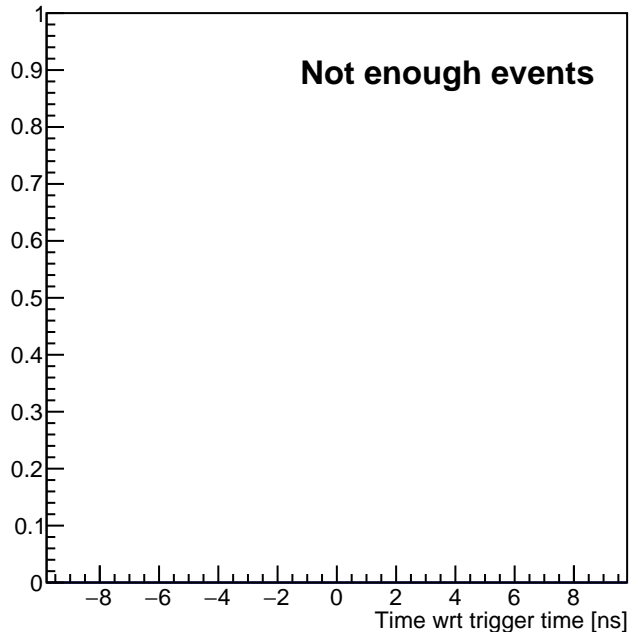
### Primitive time resolution 751



### Cluster time vs energy752



### Primitive time resolution 752





### Cluster time vs energy753



### Primitive time resolution 753



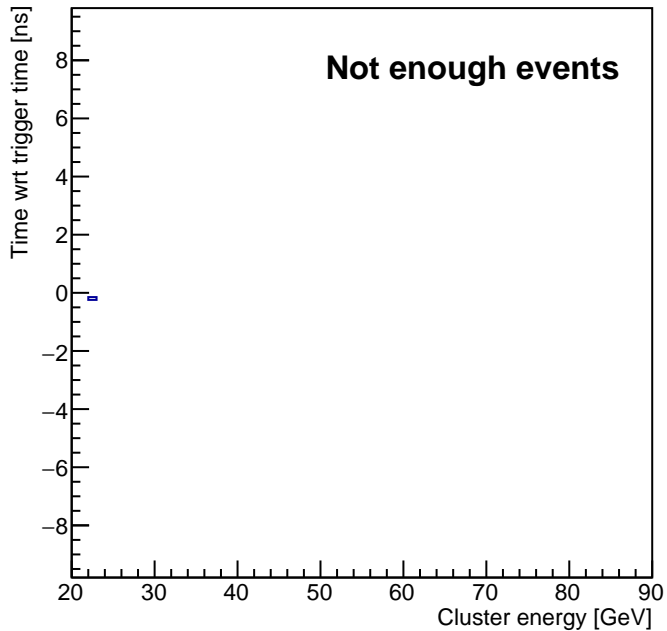
### Cluster time vs energy754



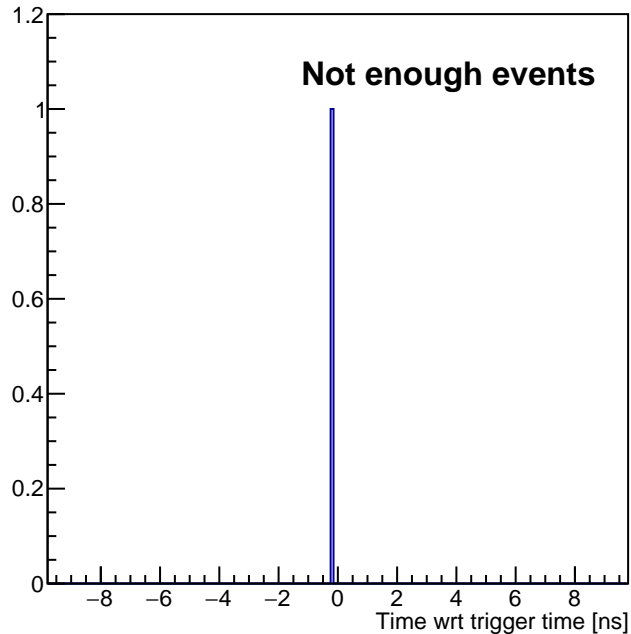
### Primitive time resolution 754



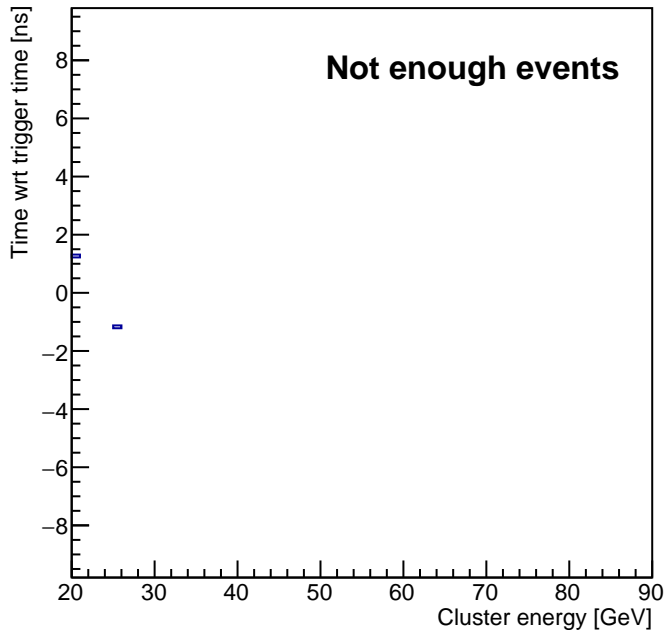
### Cluster time vs energy755



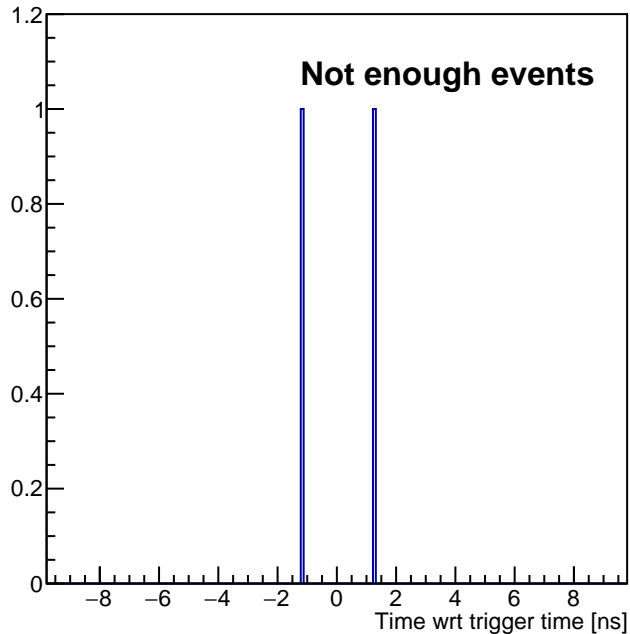
### Primitive time resolution 755



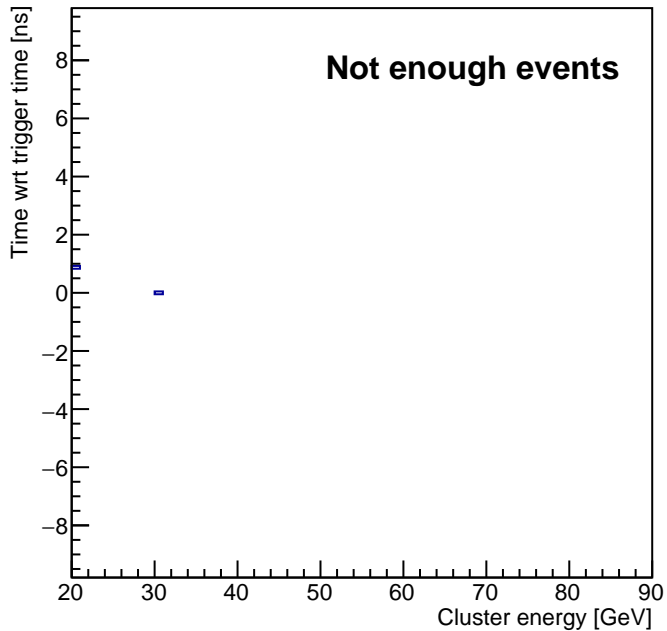
### Cluster time vs energy756



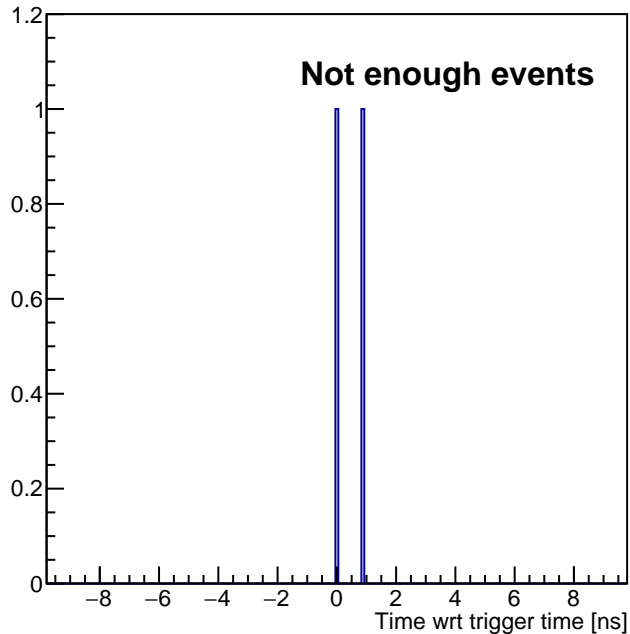
### Primitive time resolution 756



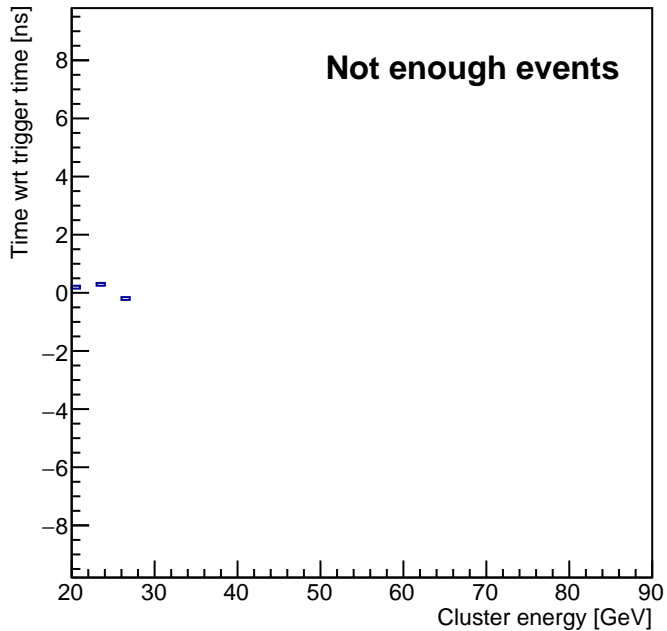
### Cluster time vs energy757



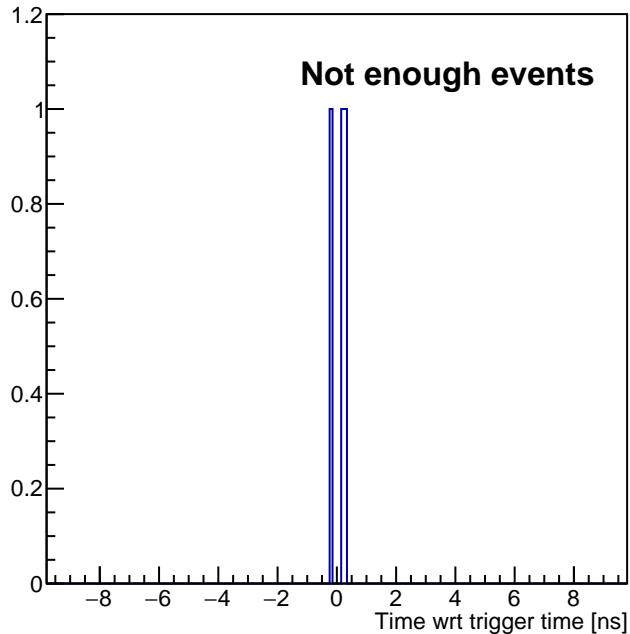
### Primitive time resolution 757



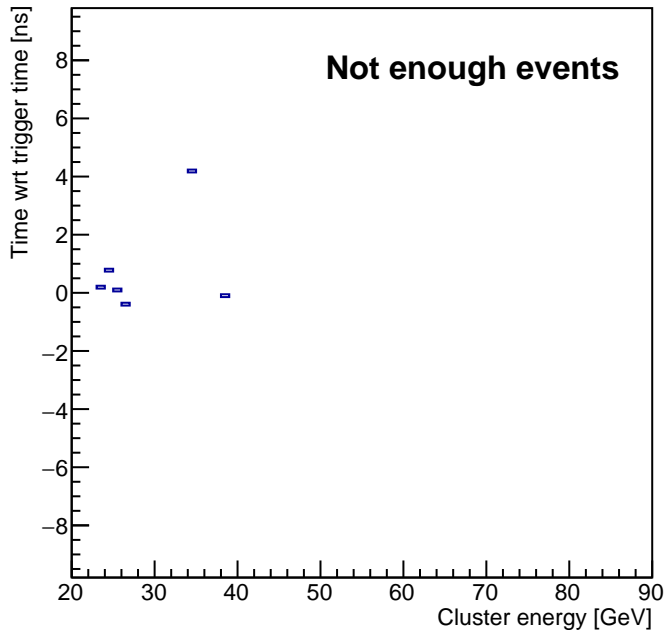
### Cluster time vs energy758



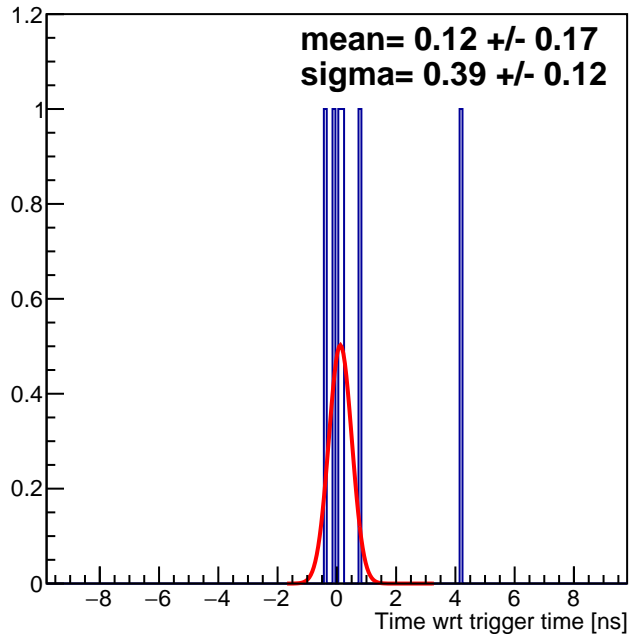
### Primitive time resolution 758



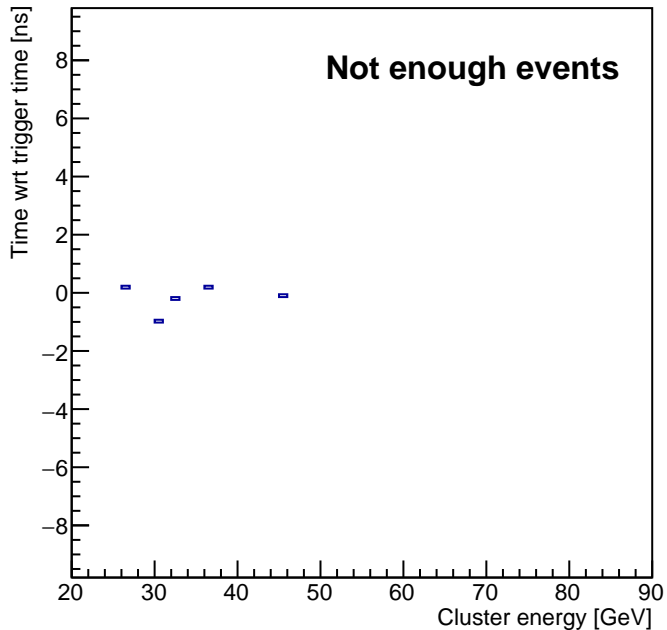
### Cluster time vs energy759



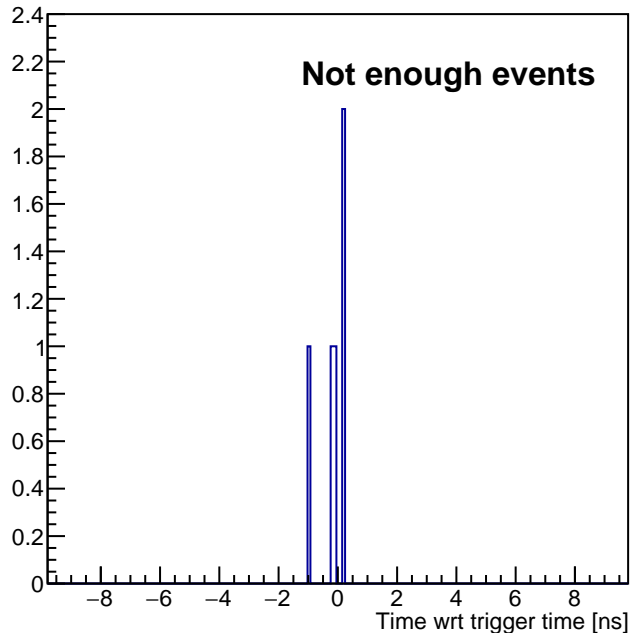
### Primitive time resolution 759



### Cluster time vs energy760

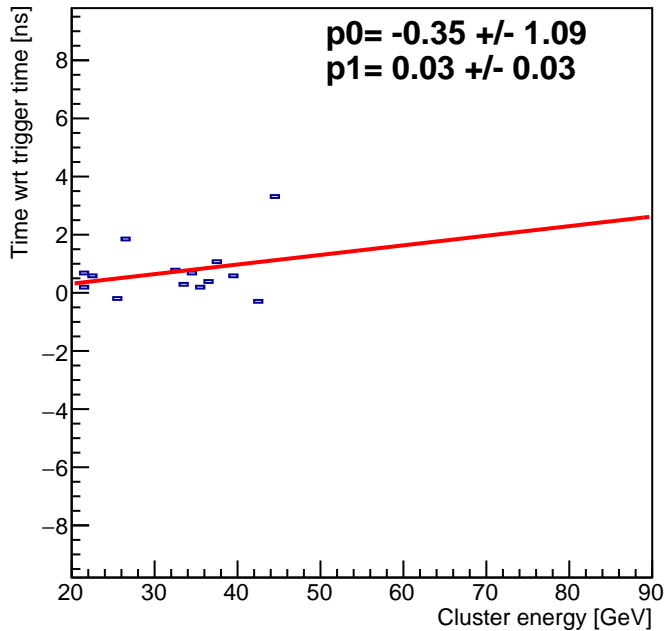


### Primitive time resolution 760

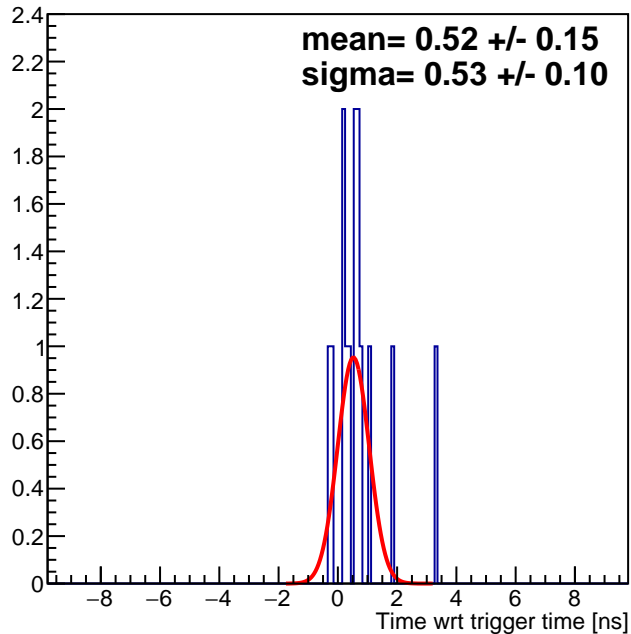




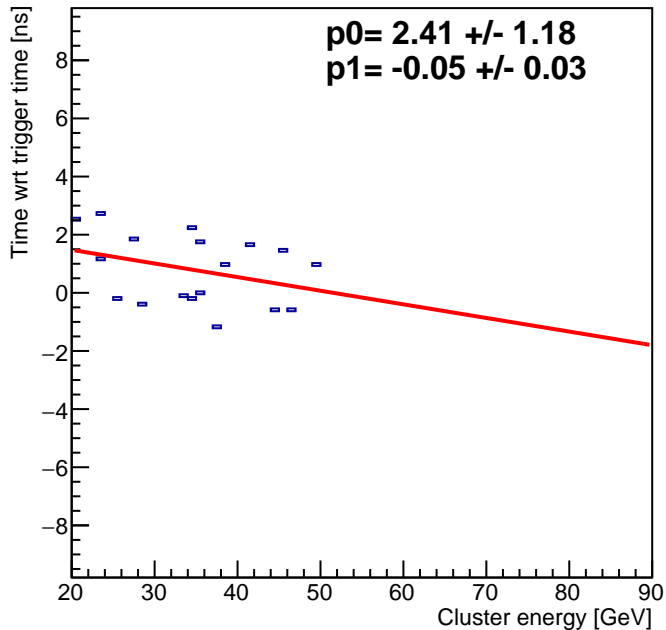
### Cluster time vs energy761



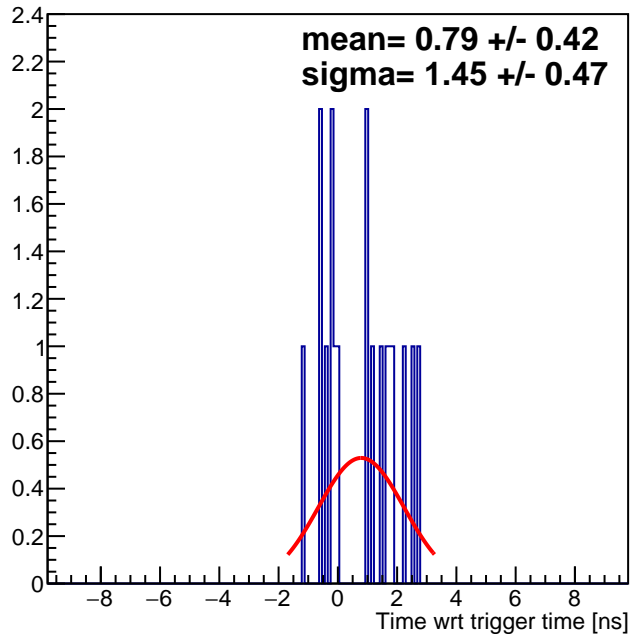
### Primitive time resolution 761



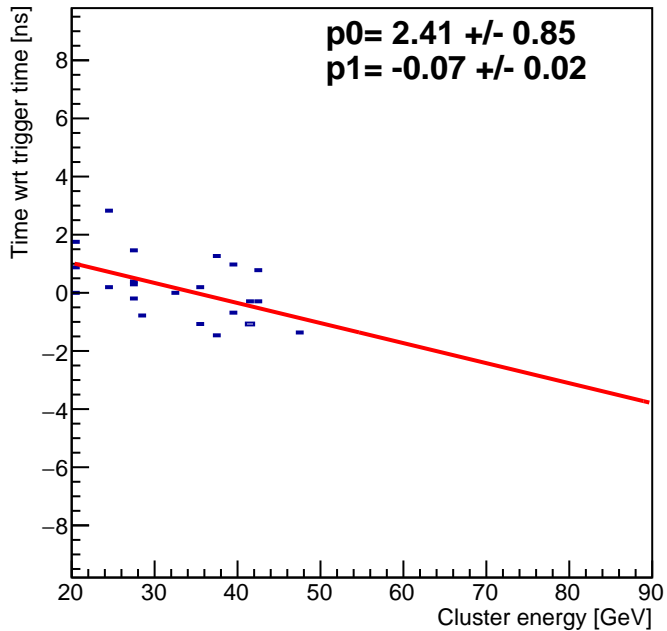
### Cluster time vs energy762



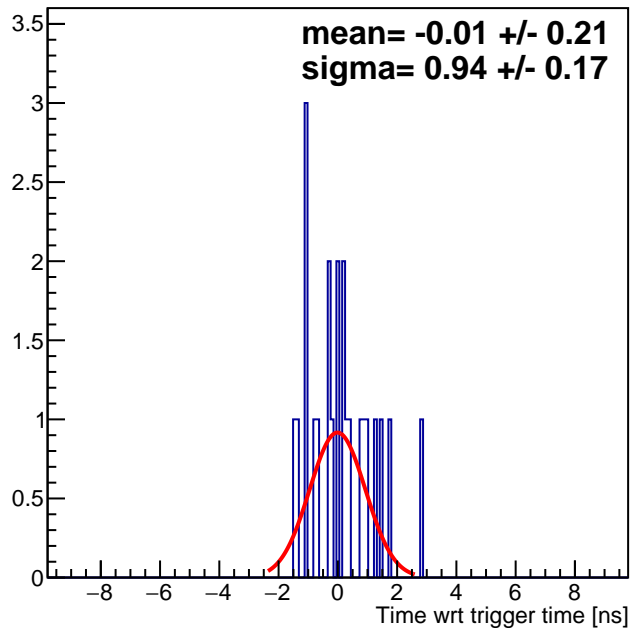
### Primitive time resolution 762



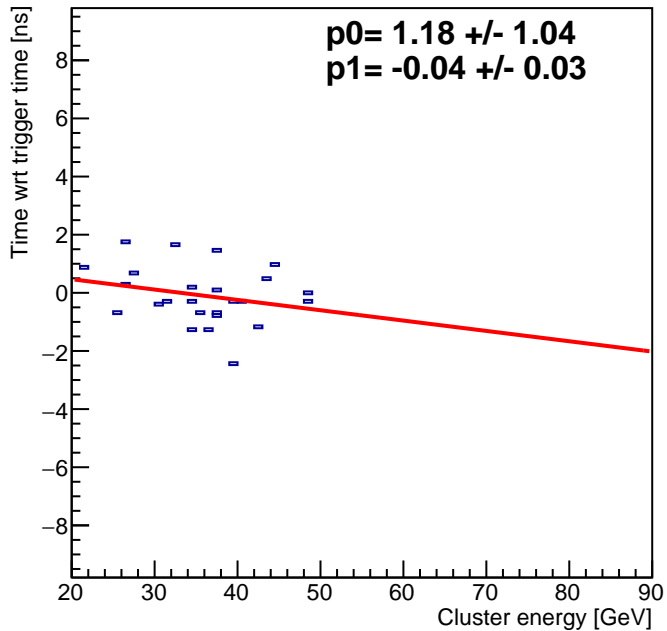
### Cluster time vs energy763



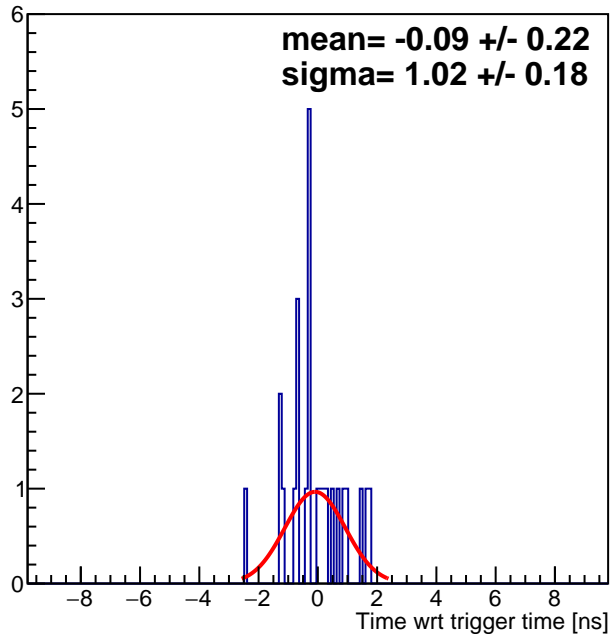
### Primitive time resolution 763



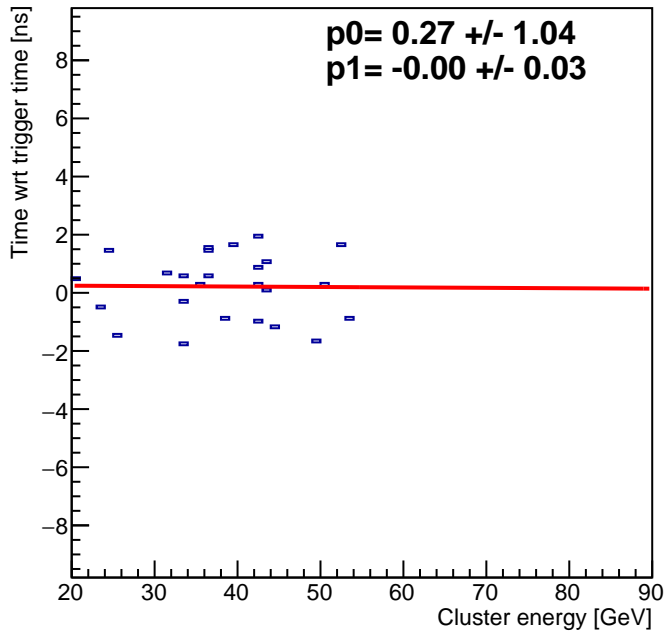
### Cluster time vs energy764



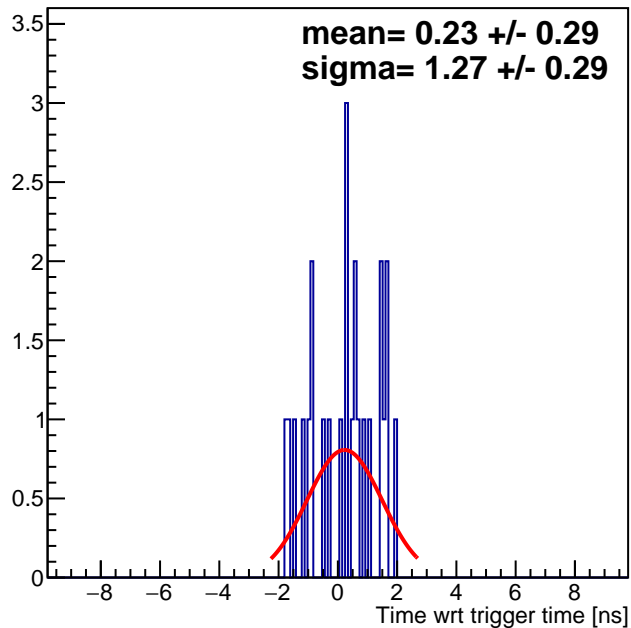
### Primitive time resolution 764



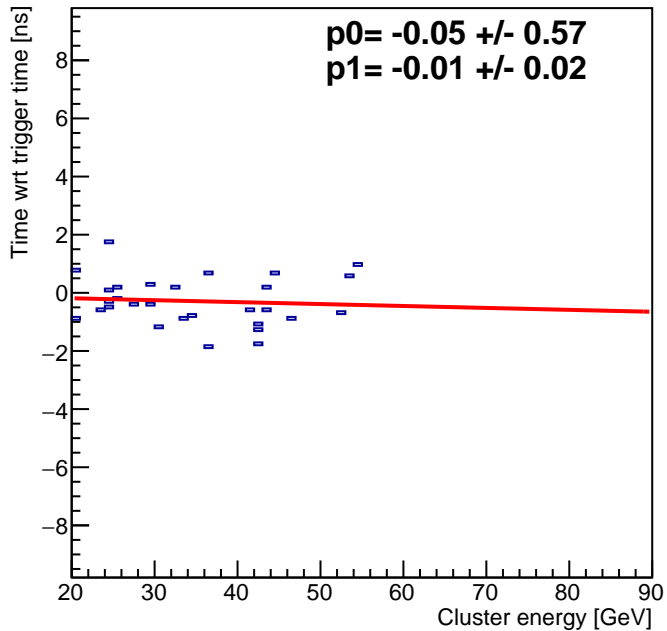
### Cluster time vs energy765



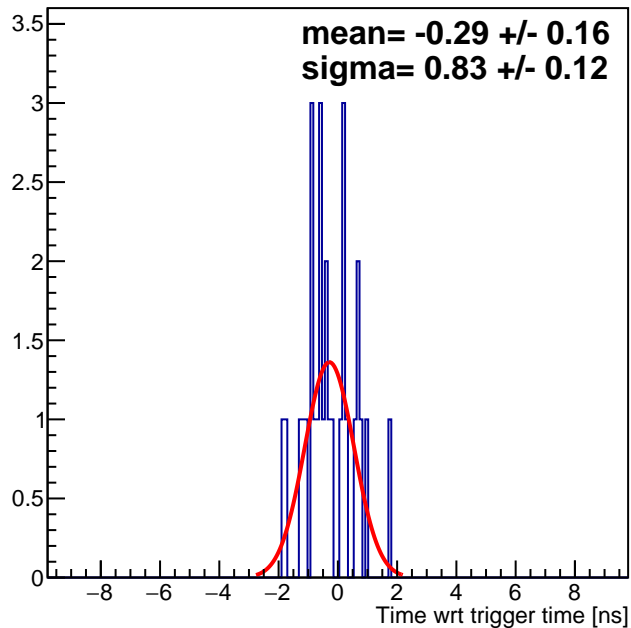
### Primitive time resolution 765



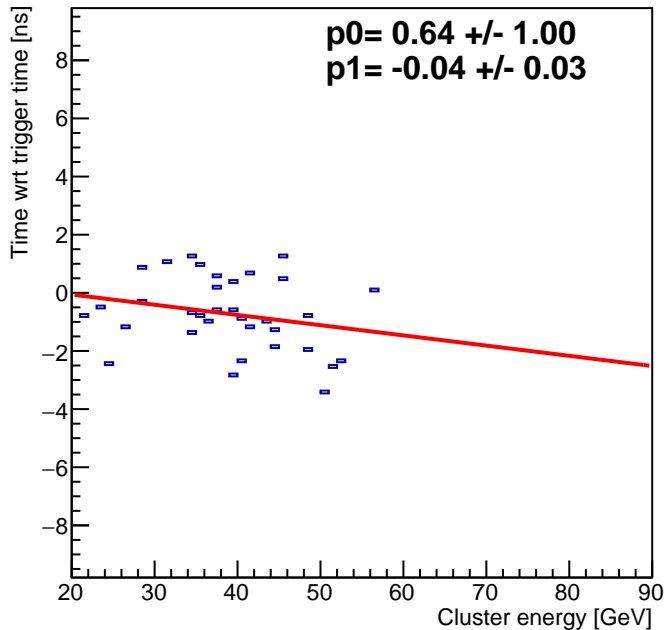
### Cluster time vs energy766



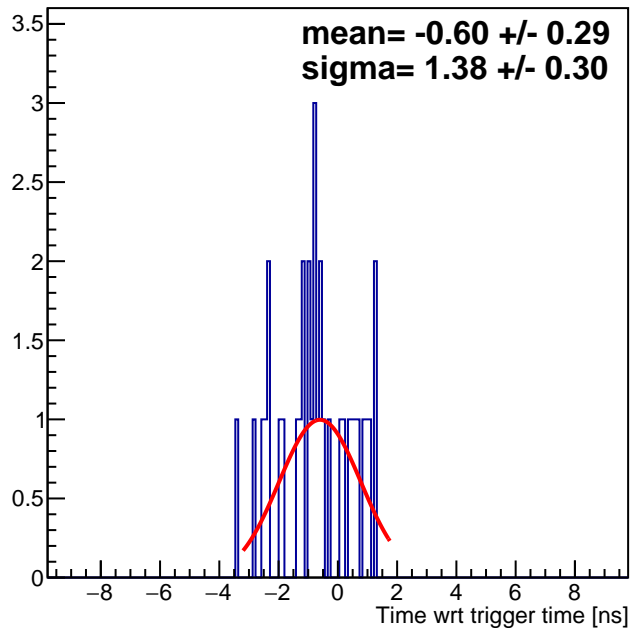
### Primitive time resolution 766



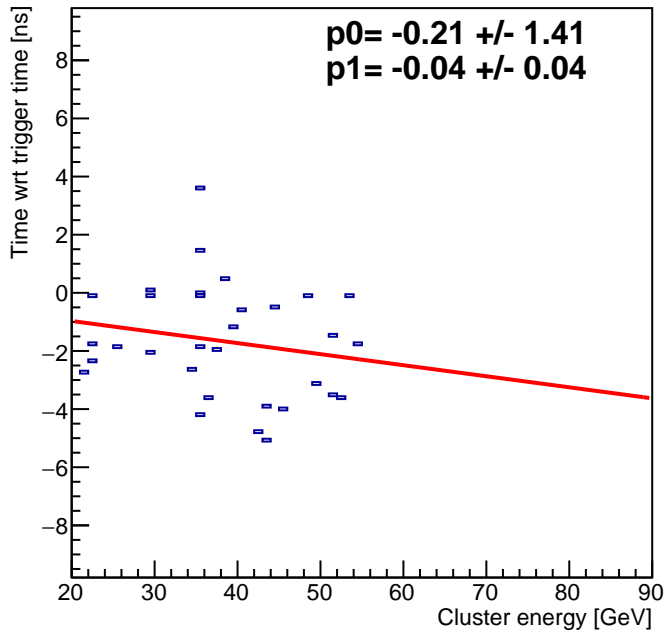
### Cluster time vs energy767



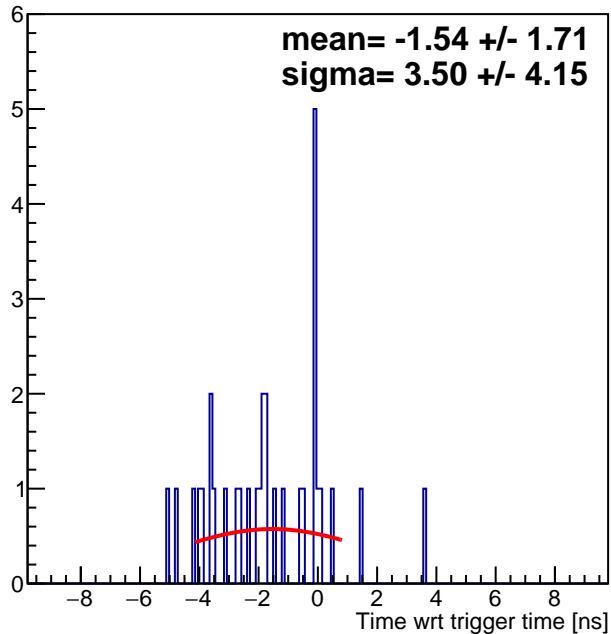
### Primitive time resolution 767



### Cluster time vs energy768

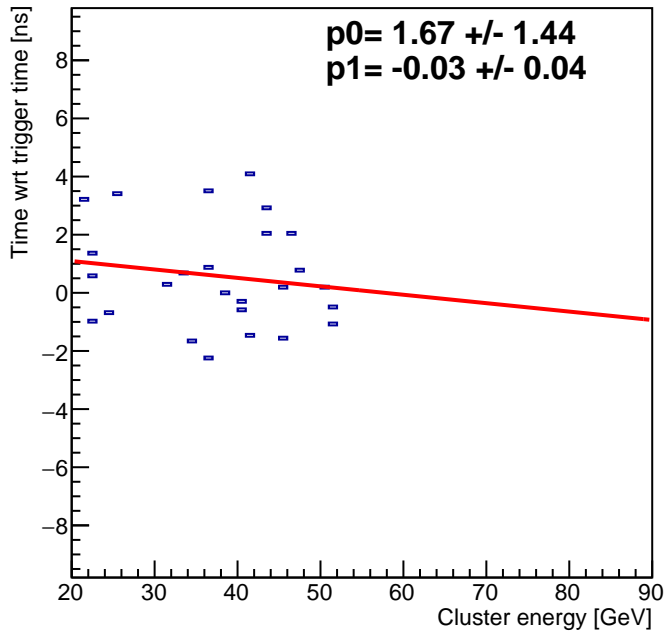


### Primitive time resolution 768

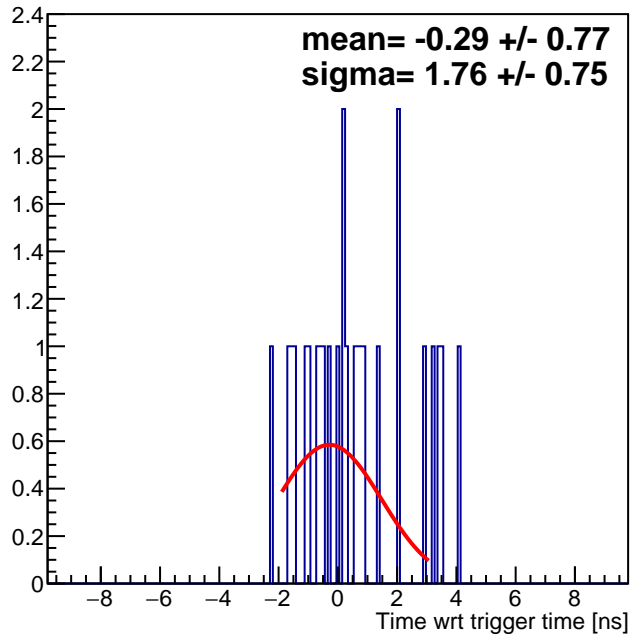




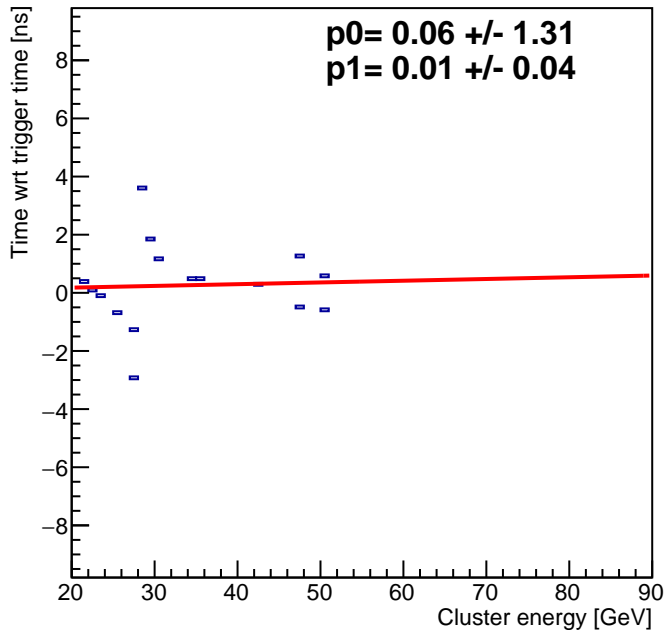
### Cluster time vs energy769



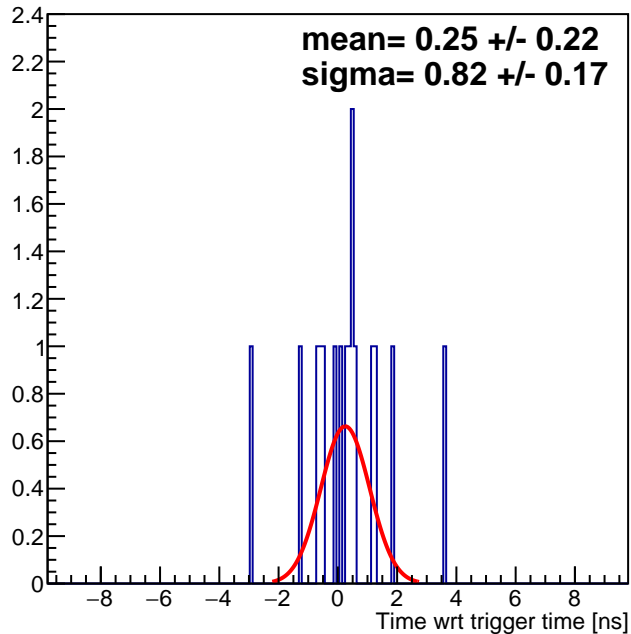
### Primitive time resolution 769



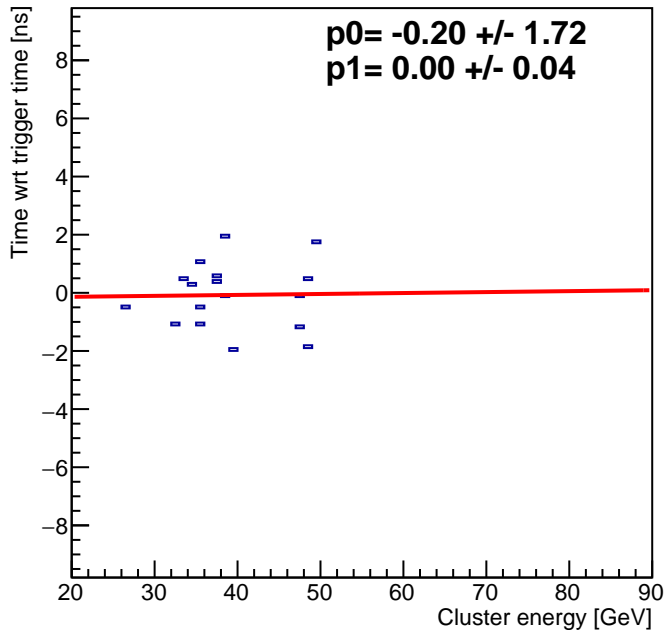
### Cluster time vs energy770



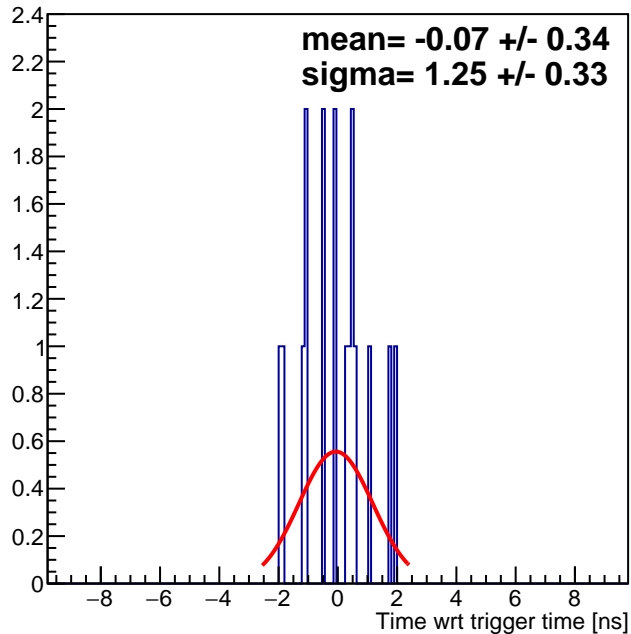
### Primitive time resolution 770



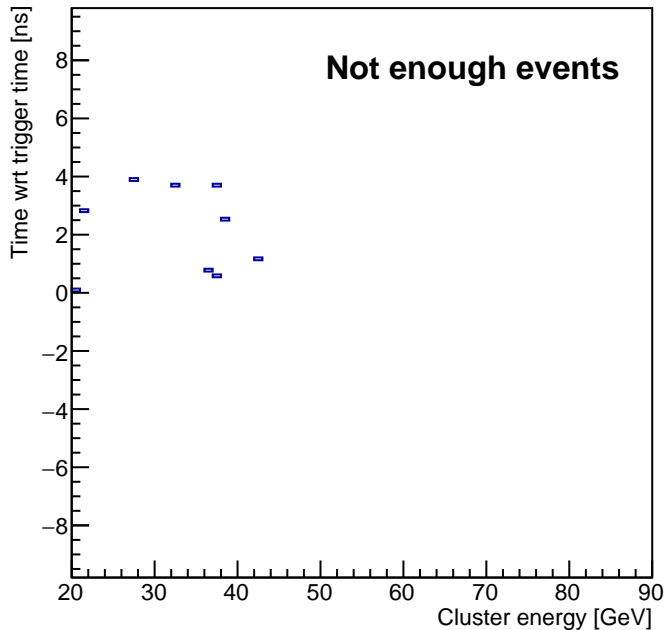
### Cluster time vs energy771



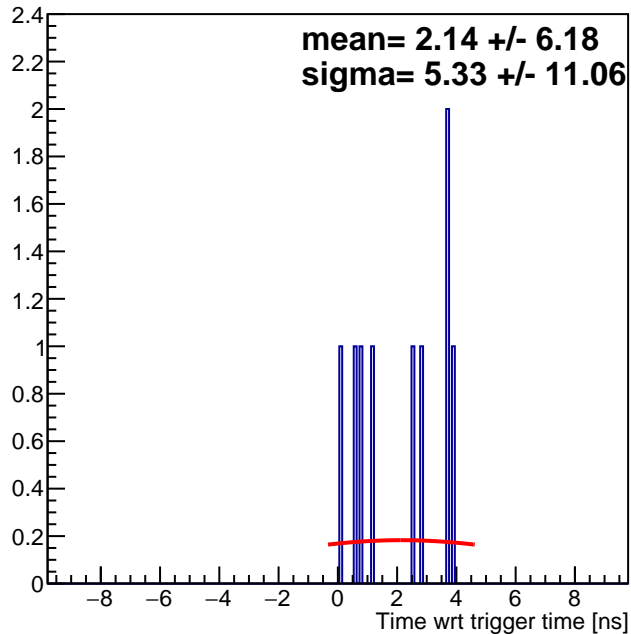
### Primitive time resolution 771



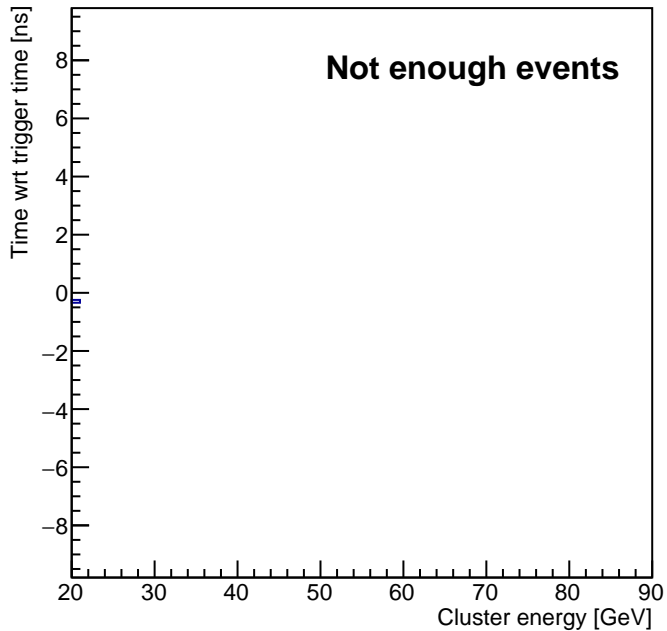
### Cluster time vs energy772



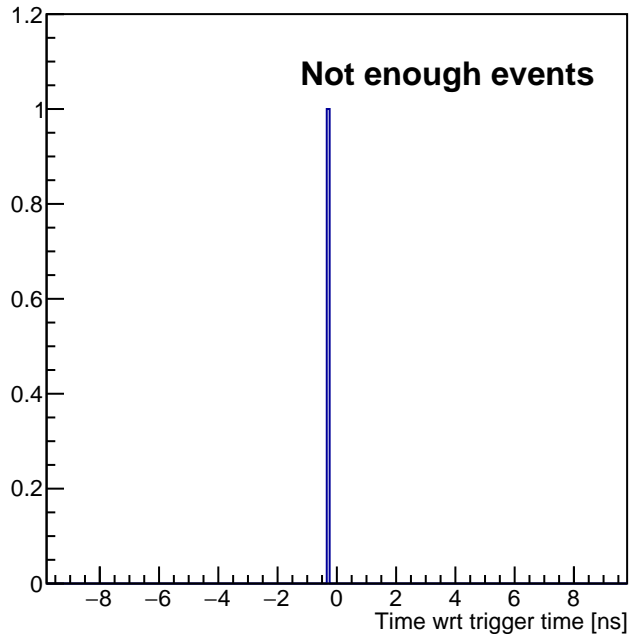
### Primitive time resolution 772



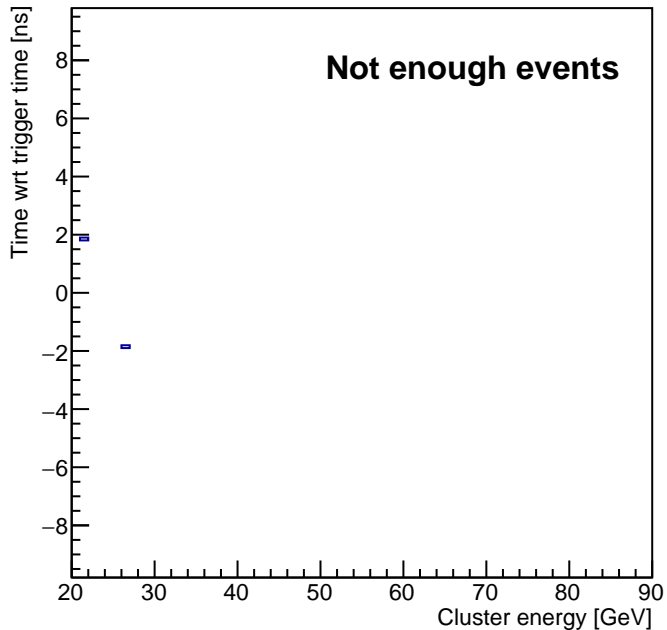
### Cluster time vs energy773



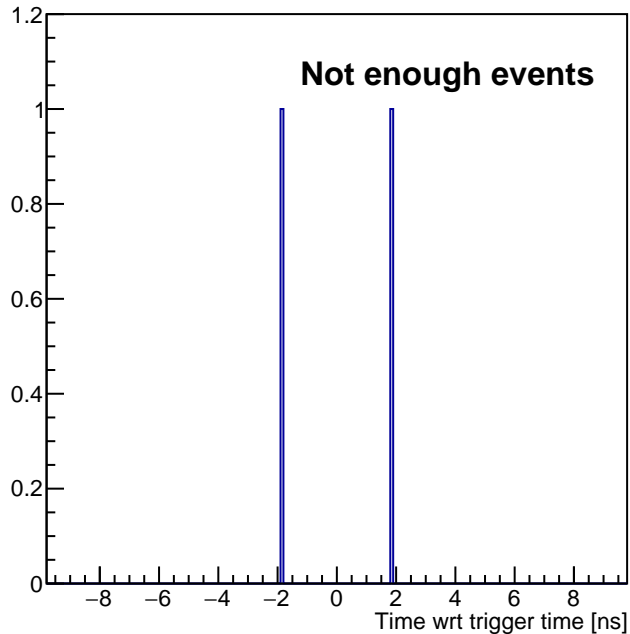
### Primitive time resolution 773



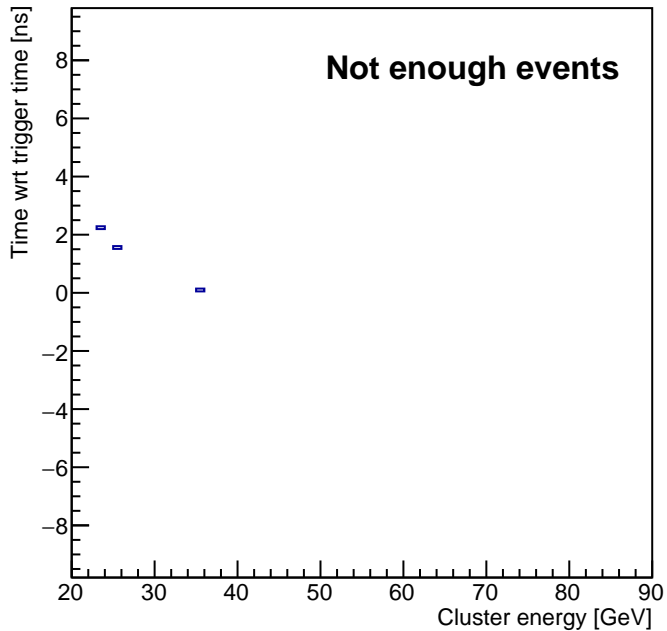
### Cluster time vs energy774



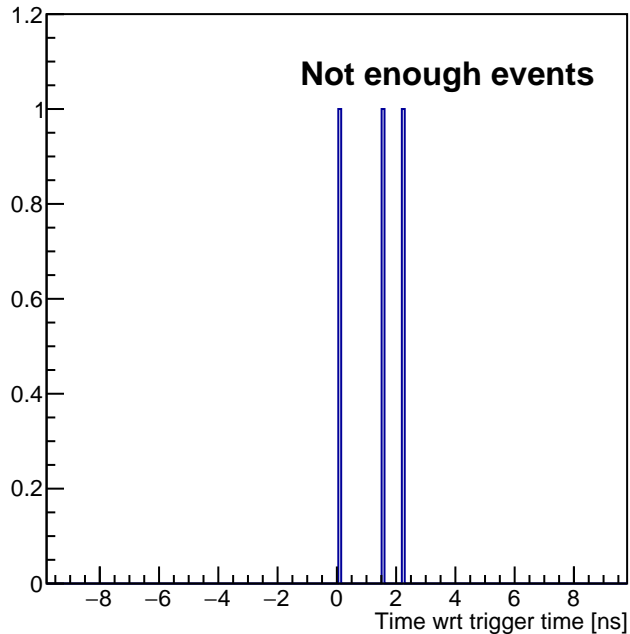
### Primitive time resolution 774



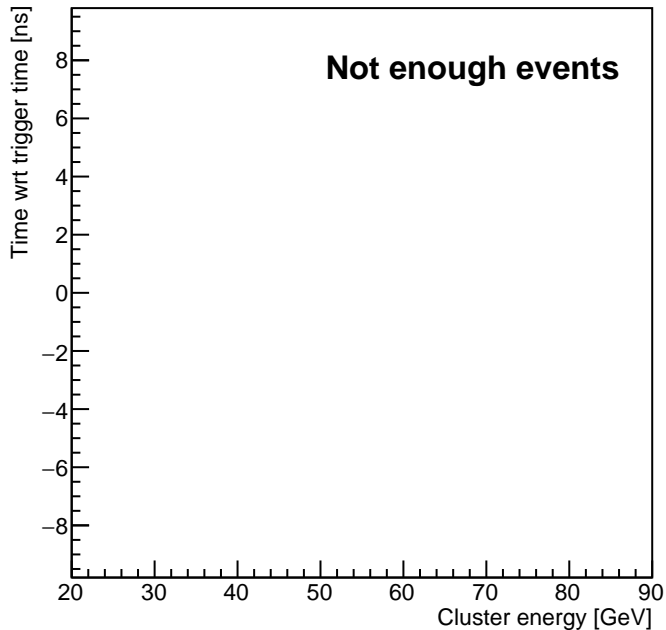
### Cluster time vs energy775



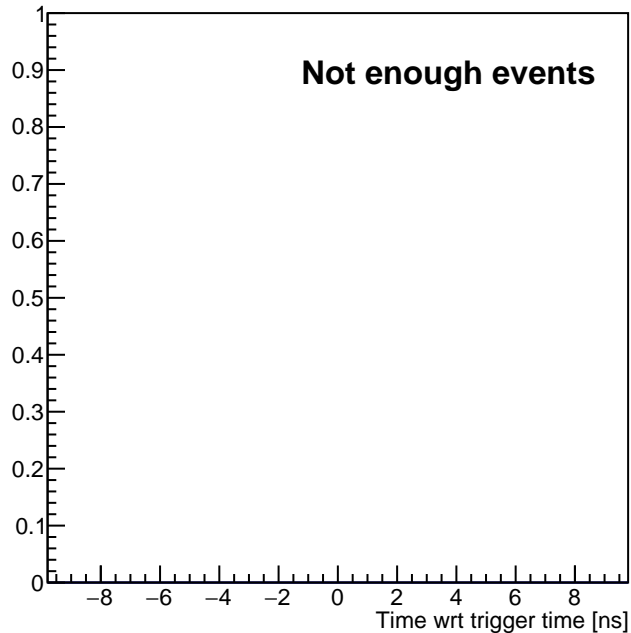
### Primitive time resolution 775



### Cluster time vs energy776



### Primitive time resolution 776

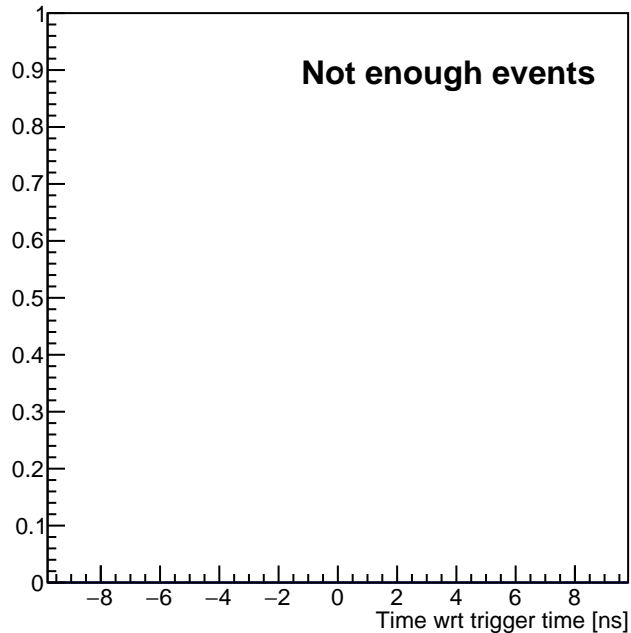




### Cluster time vs energy777



### Primitive time resolution 777



### Cluster time vs energy778



### Primitive time resolution 778



### Cluster time vs energy779



### Primitive time resolution 779



### Cluster time vs energy780



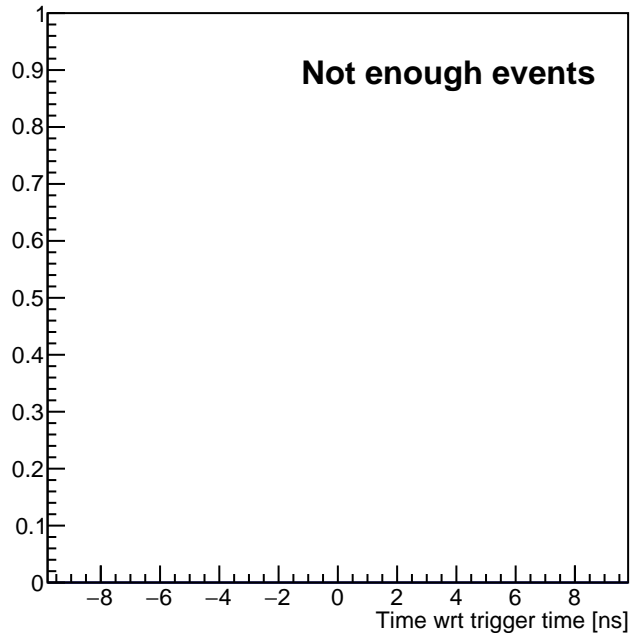
### Primitive time resolution 780



### Cluster time vs energy783



### Primitive time resolution 783



### Cluster time vs energy784



### Primitive time resolution 784



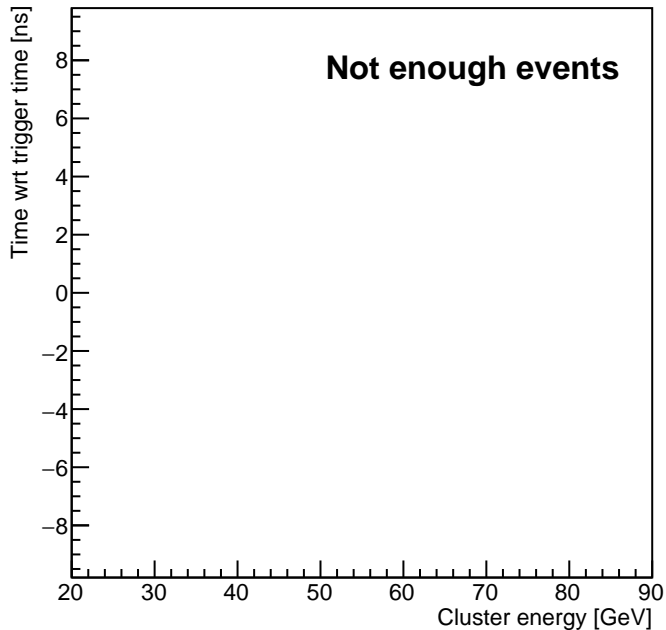
### Cluster time vs energy785



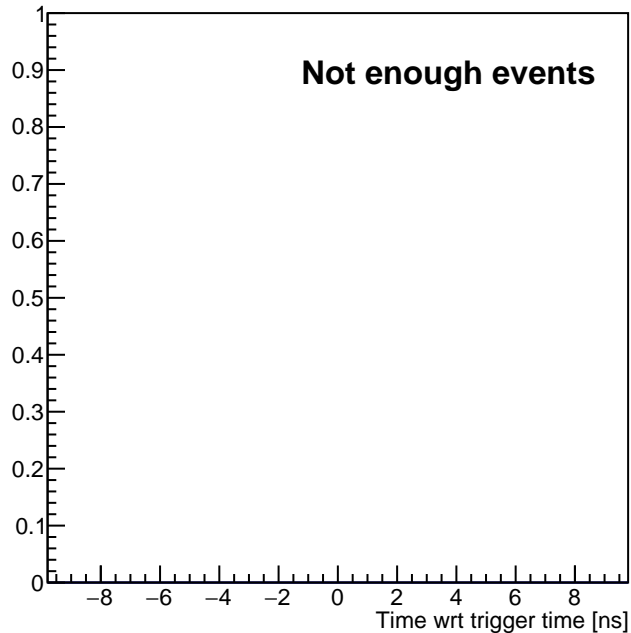
### Primitive time resolution 785



### Cluster time vs energy786

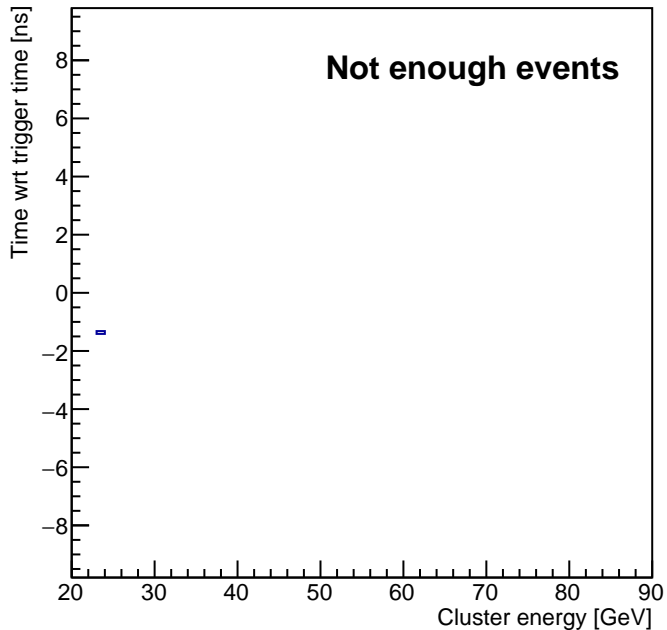


### Primitive time resolution 786

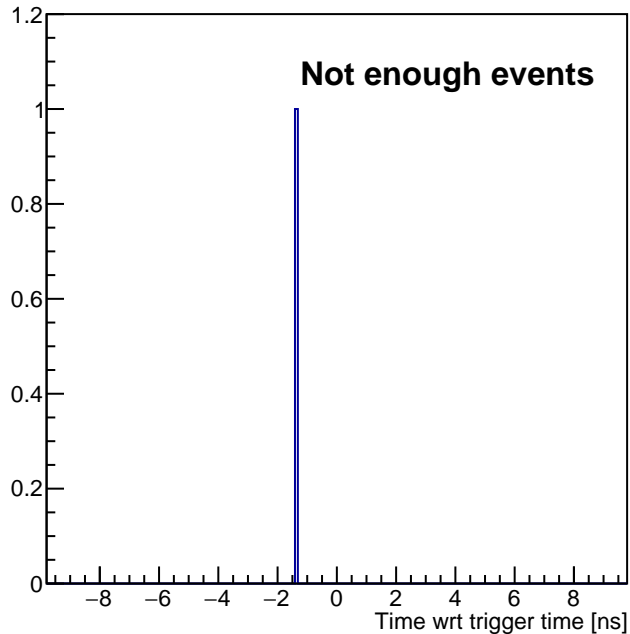




### Cluster time vs energy787



### Primitive time resolution 787



### Cluster time vs energy788



### Primitive time resolution 788



### Cluster time vs energy789



### Primitive time resolution 789



### Cluster time vs energy790



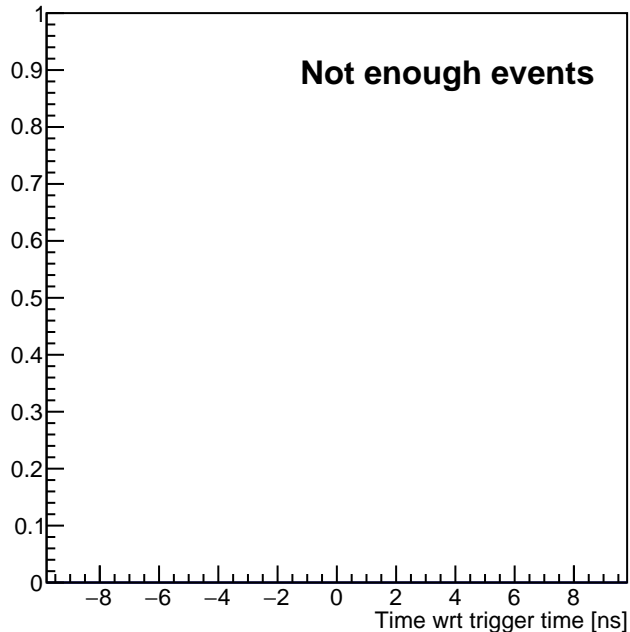
### Primitive time resolution 790



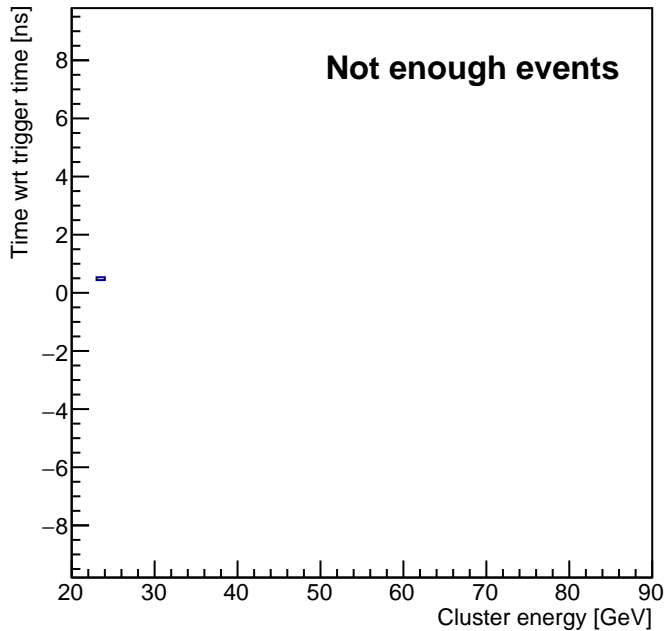
### Cluster time vs energy791



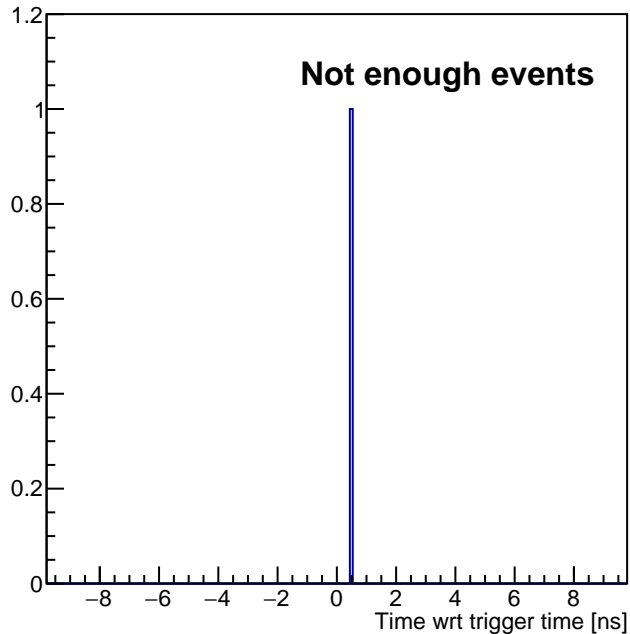
### Primitive time resolution 791



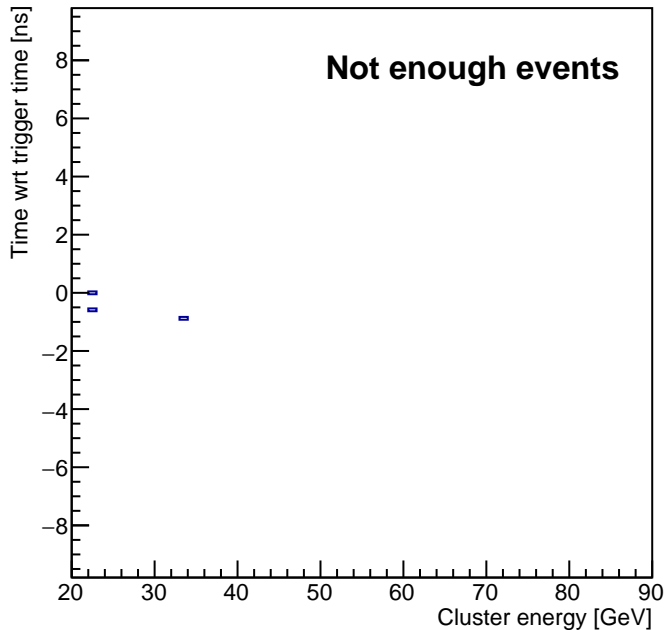
### Cluster time vs energy792



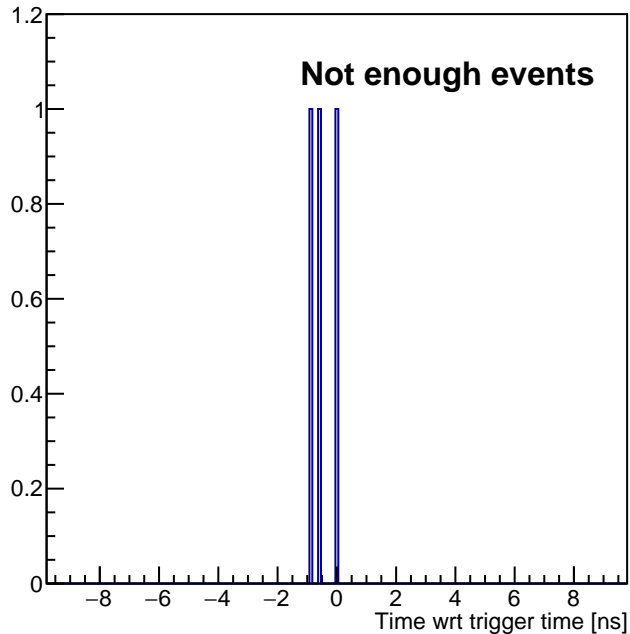
### Primitive time resolution 792



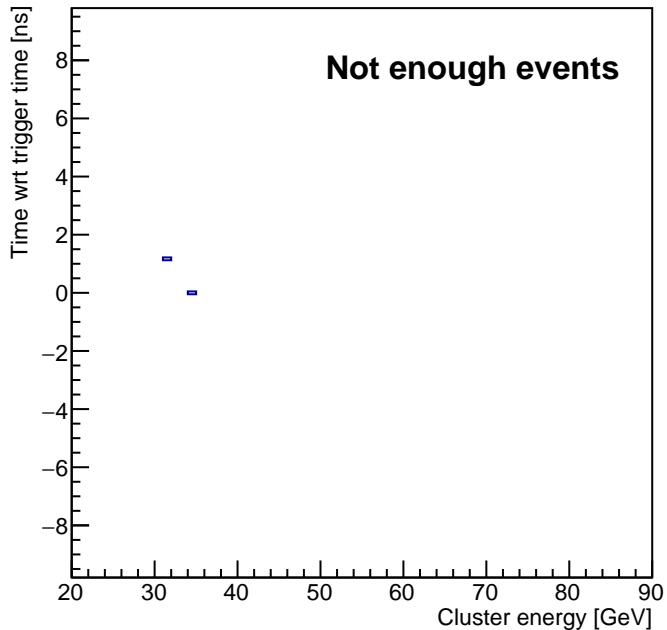
### Cluster time vs energy793



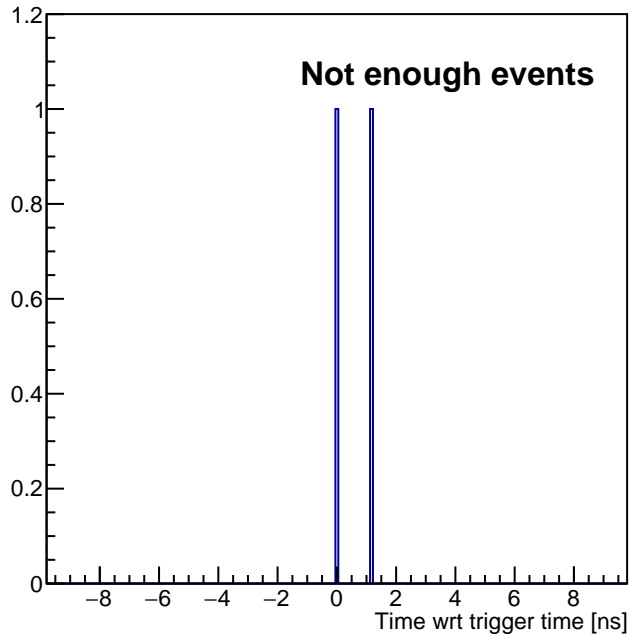
### Primitive time resolution 793



### Cluster time vs energy794

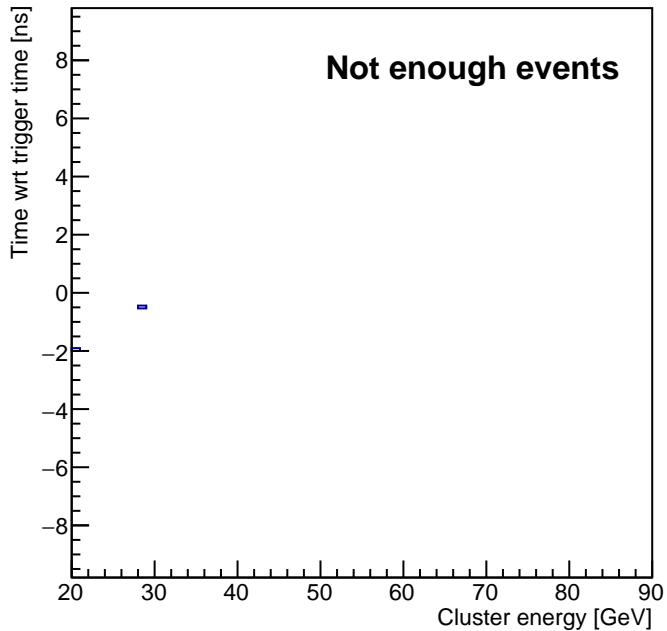


### Primitive time resolution 794

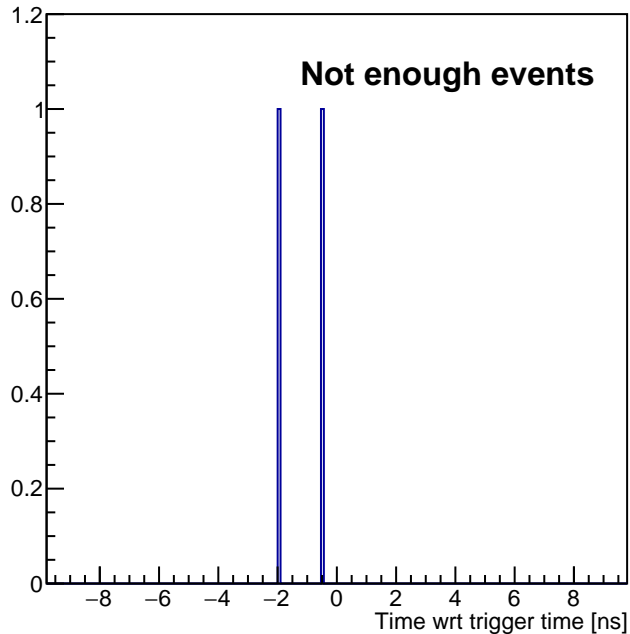




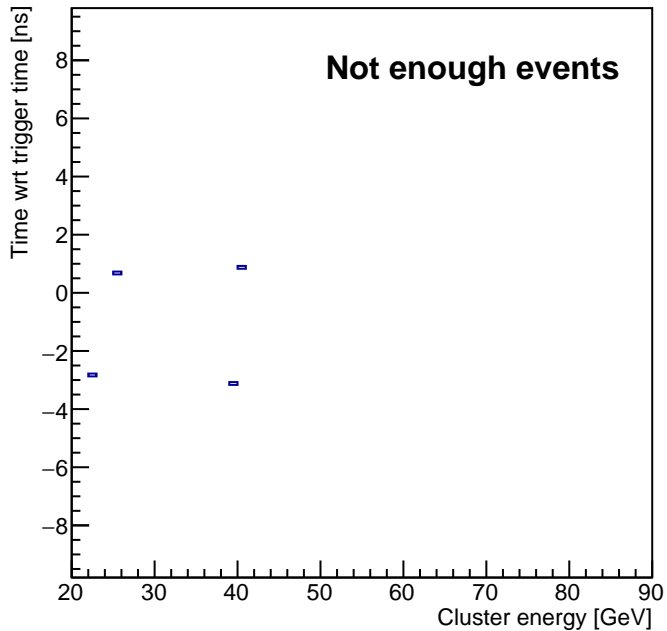
### Cluster time vs energy795



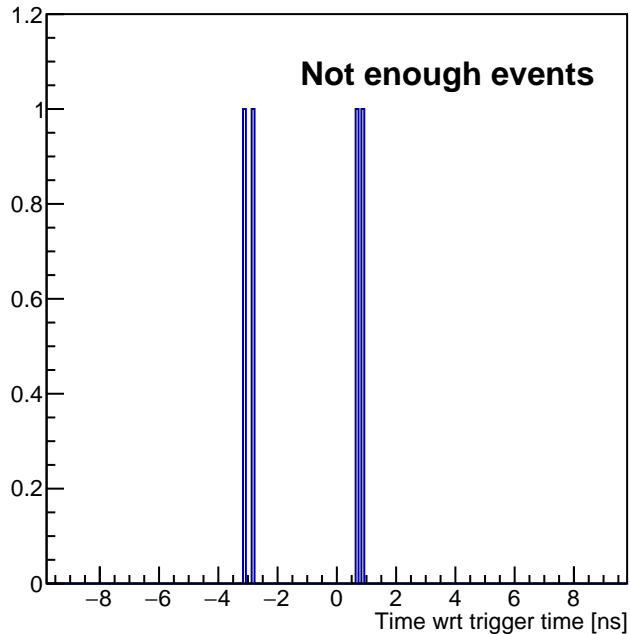
### Primitive time resolution 795



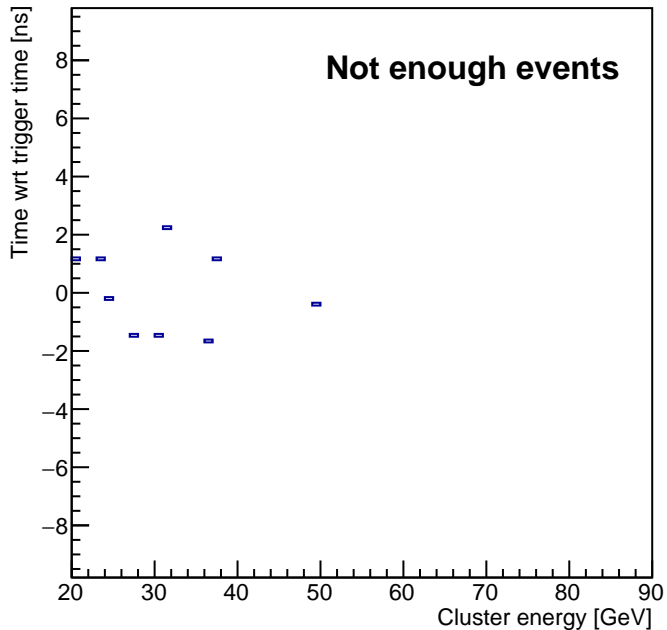
### Cluster time vs energy796



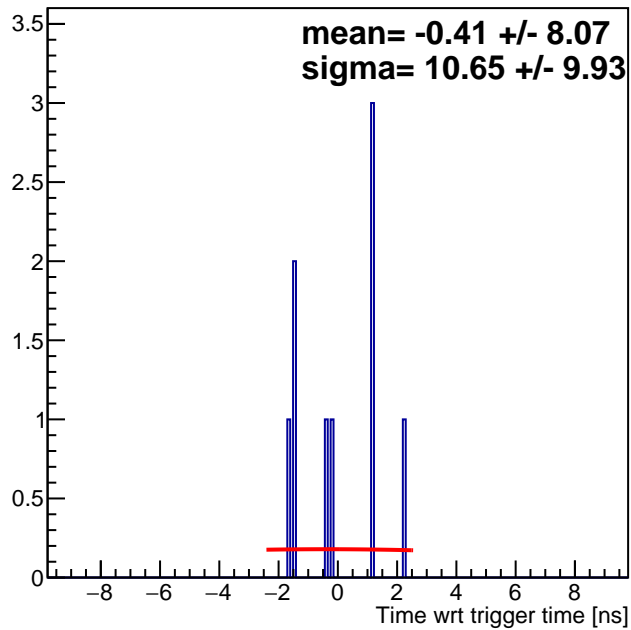
### Primitive time resolution 796



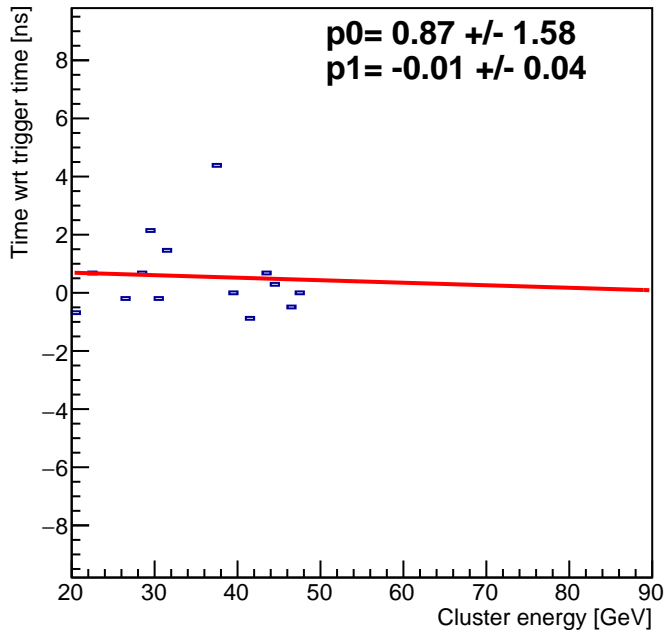
### Cluster time vs energy797



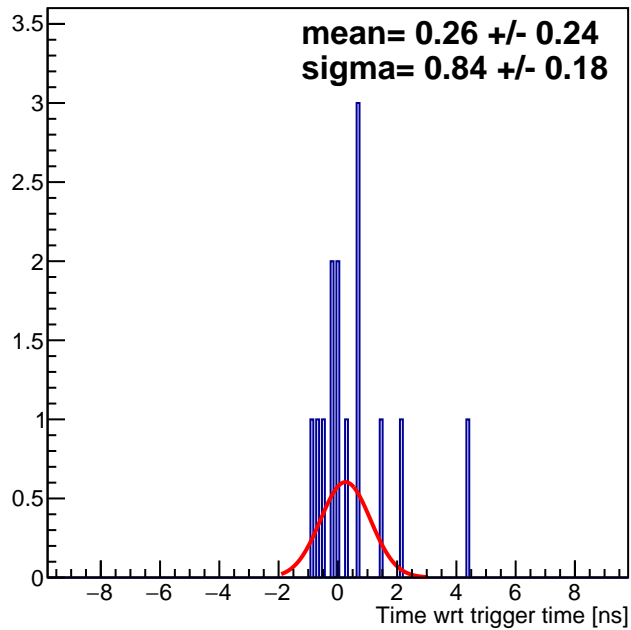
### Primitive time resolution 797



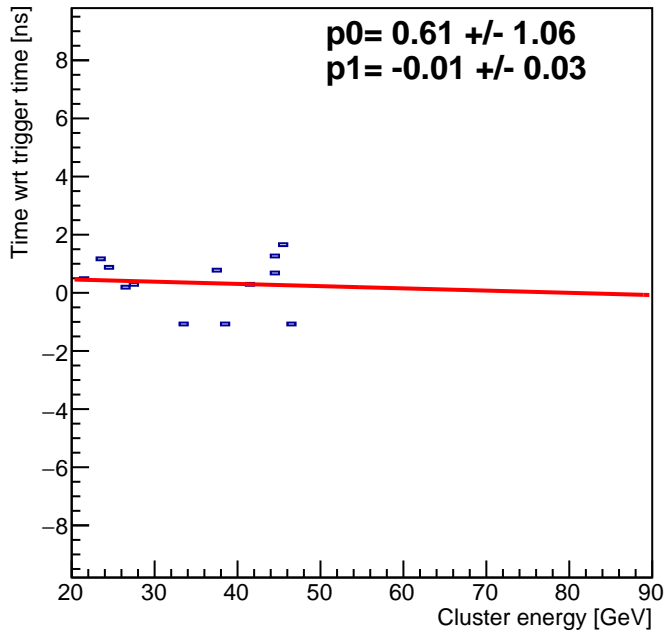
### Cluster time vs energy798



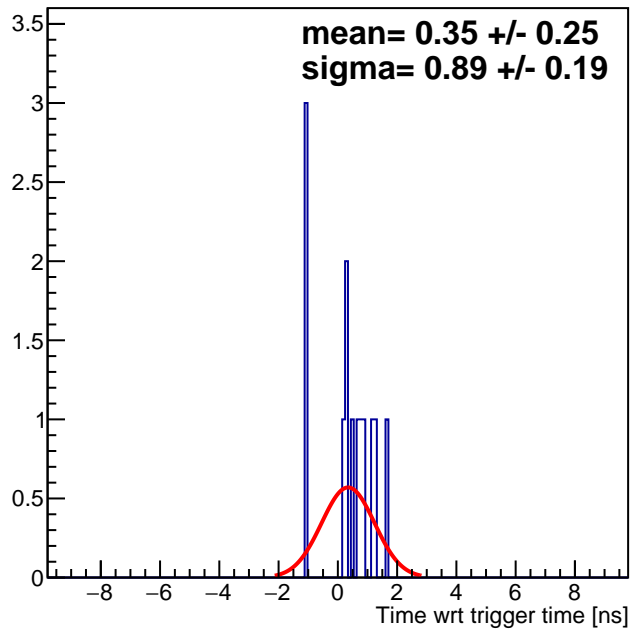
### Primitive time resolution 798



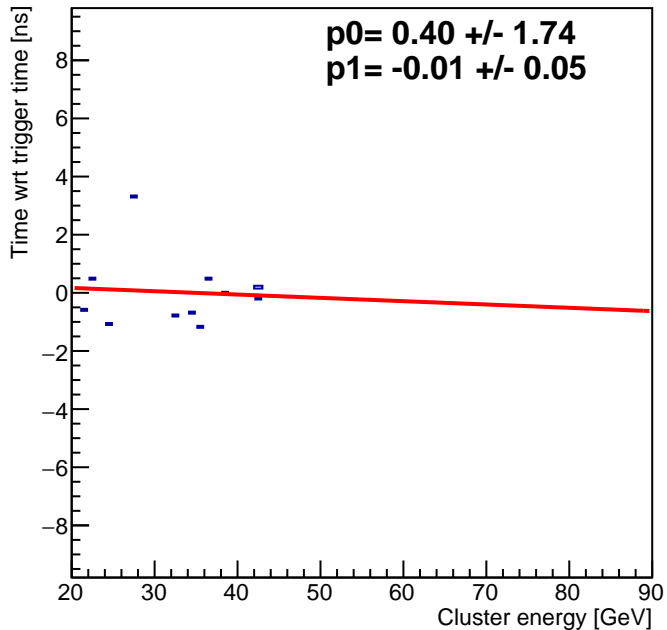
### Cluster time vs energy799



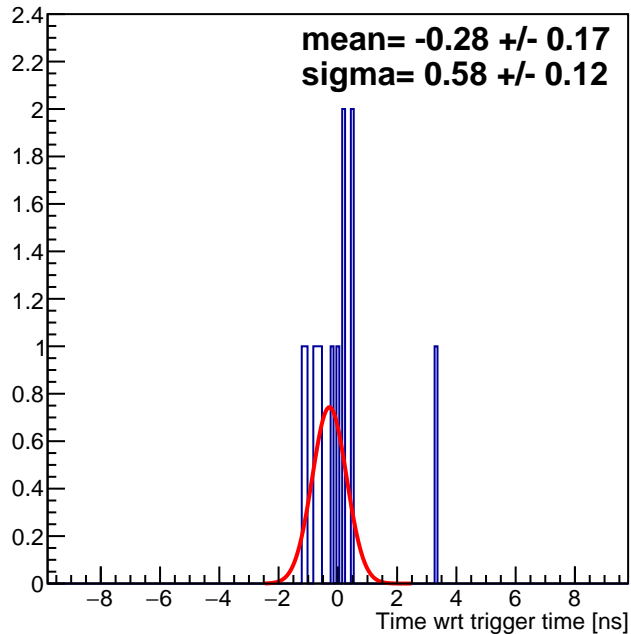
### Primitive time resolution 799



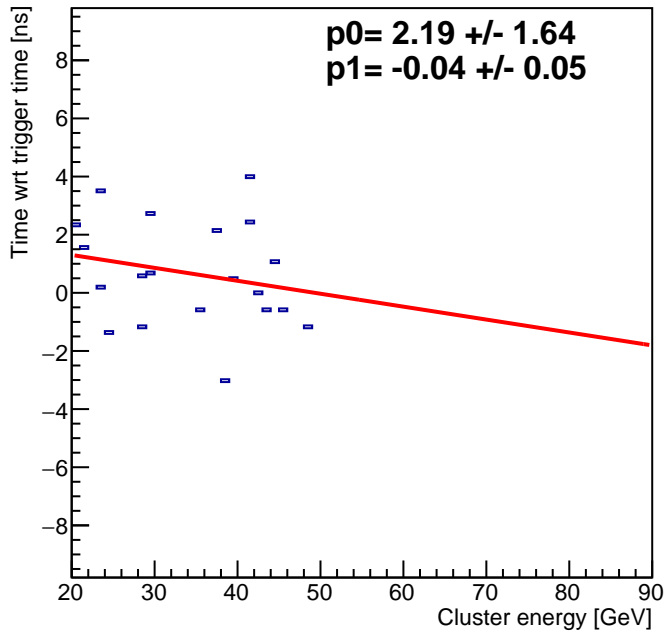
### Cluster time vs energy800



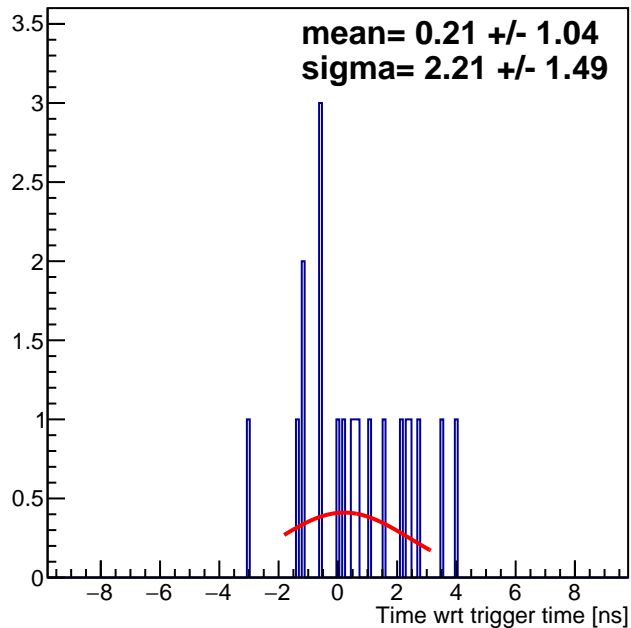
### Primitive time resolution 800



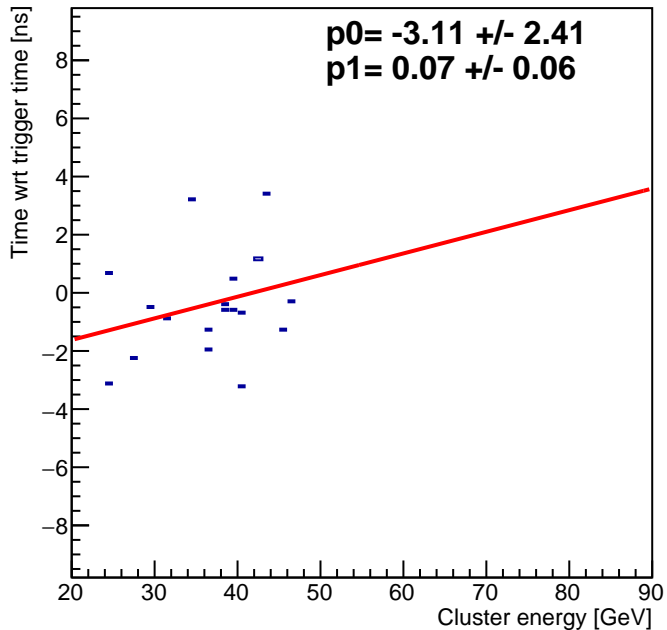
### Cluster time vs energy801



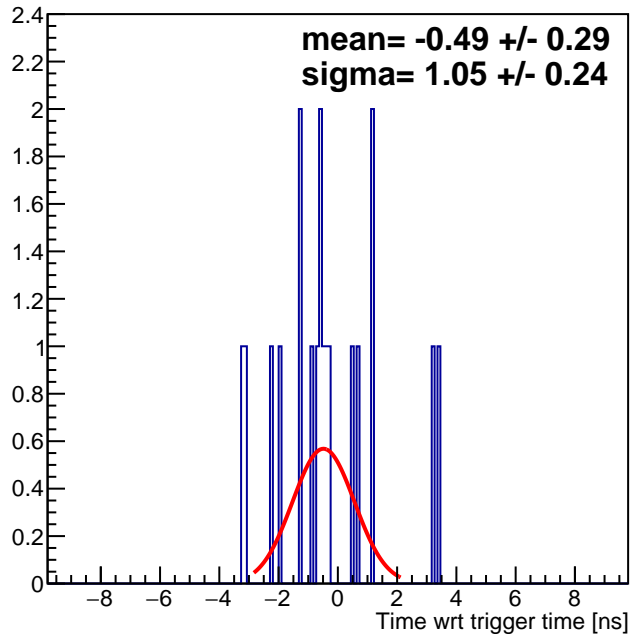
### Primitive time resolution 801



### Cluster time vs energy802

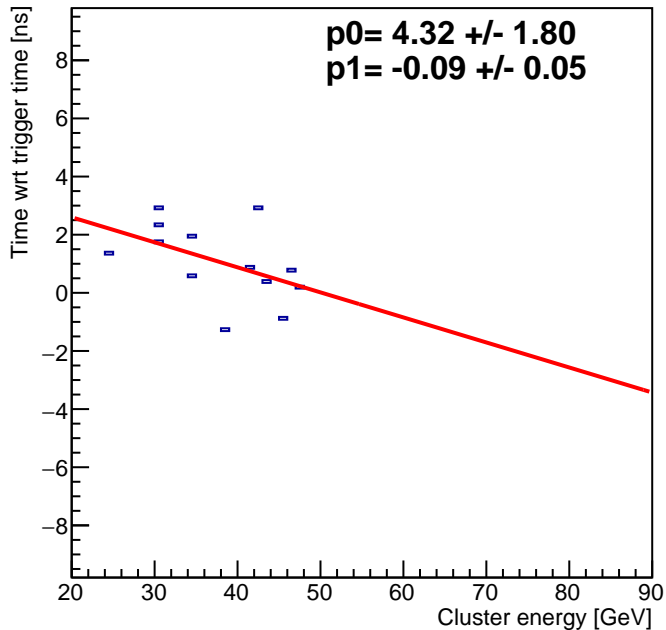


### Primitive time resolution 802

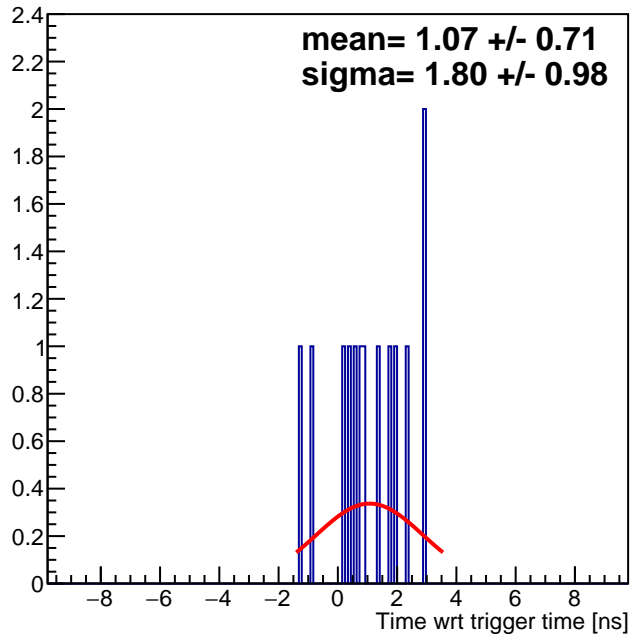




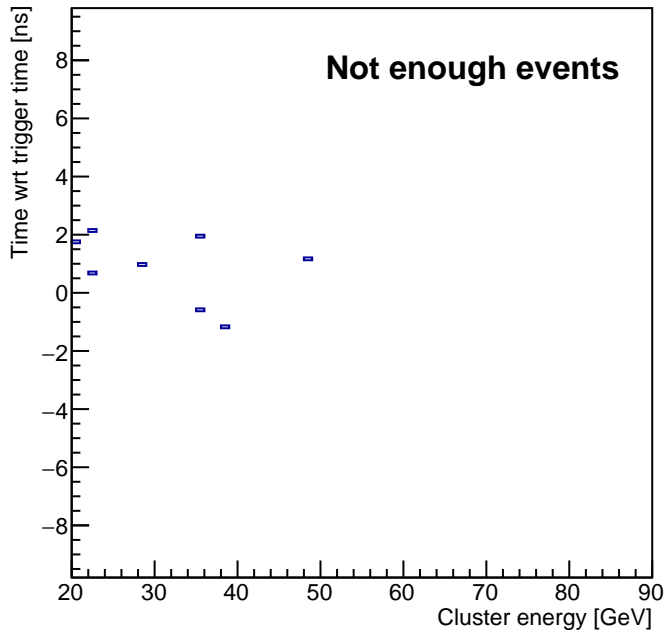
### Cluster time vs energy803



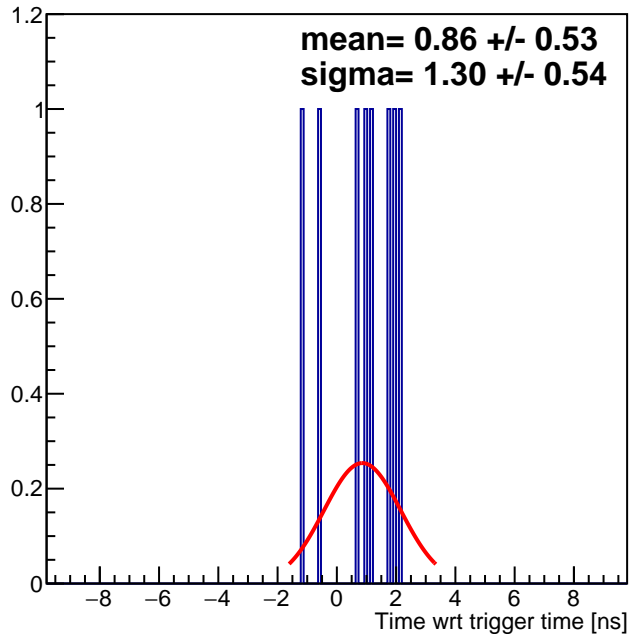
### Primitive time resolution 803



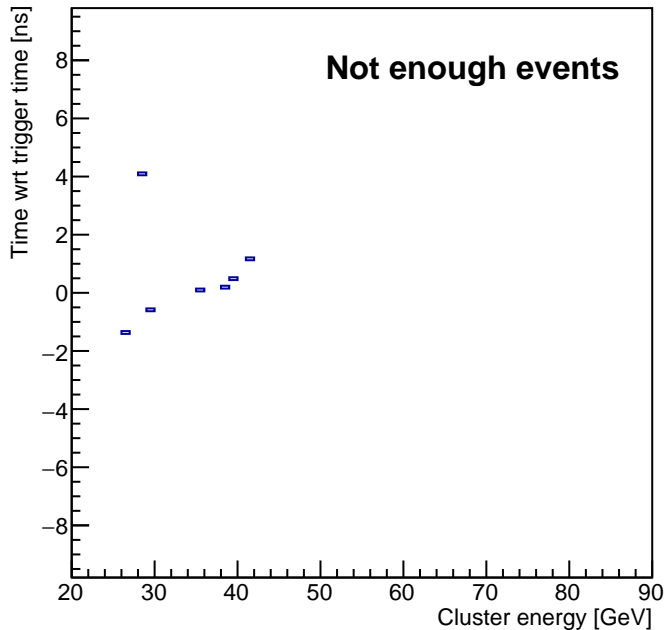
### Cluster time vs energy804



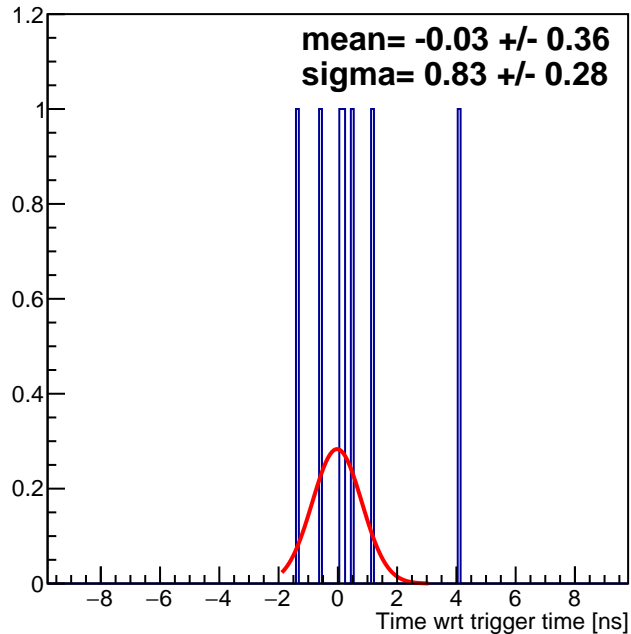
### Primitive time resolution 804



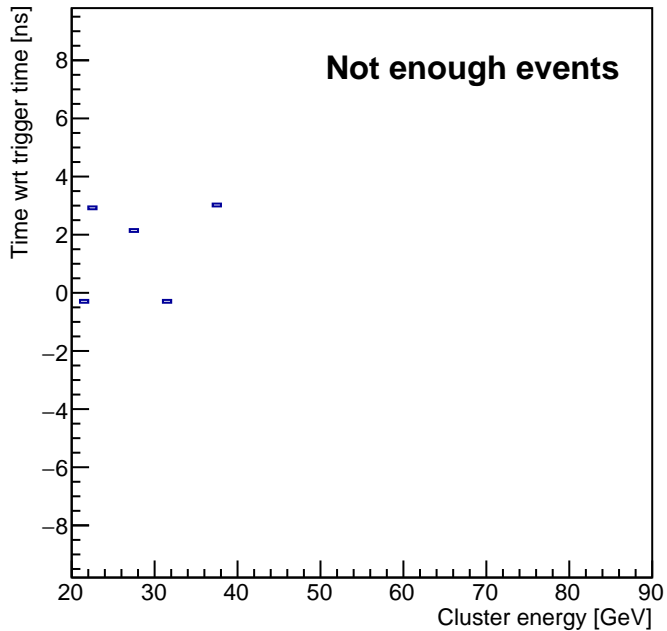
### Cluster time vs energy805



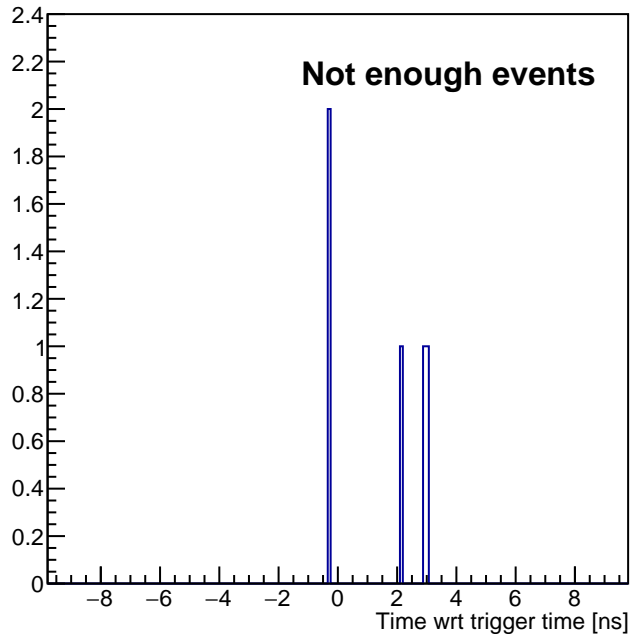
### Primitive time resolution 805



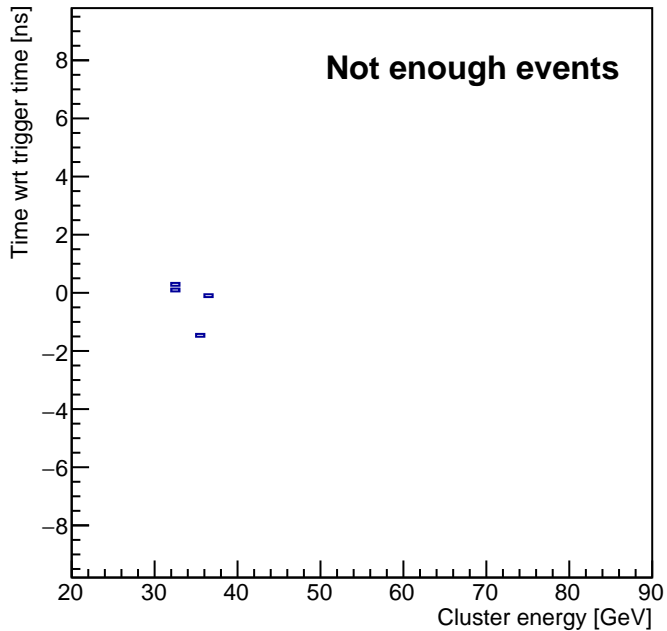
### Cluster time vs energy806



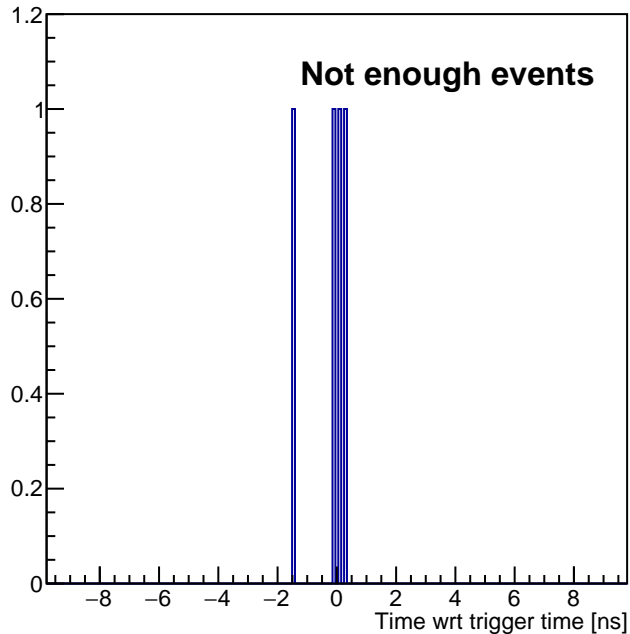
### Primitive time resolution 806



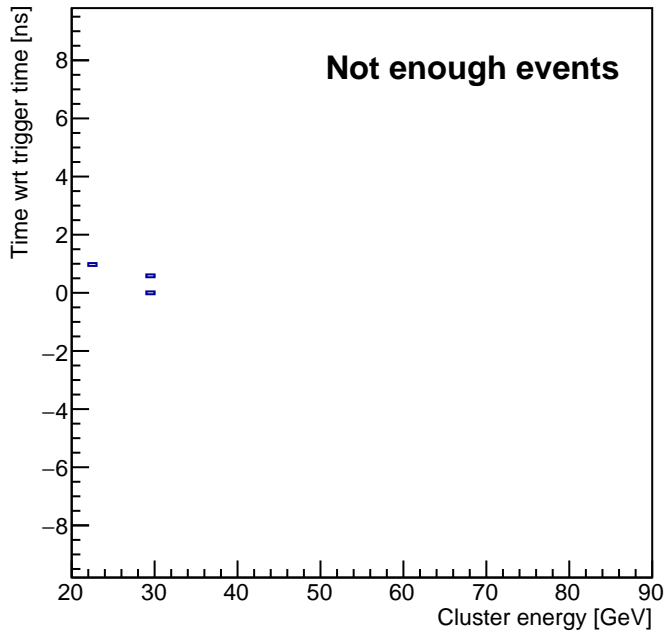
### Cluster time vs energy807



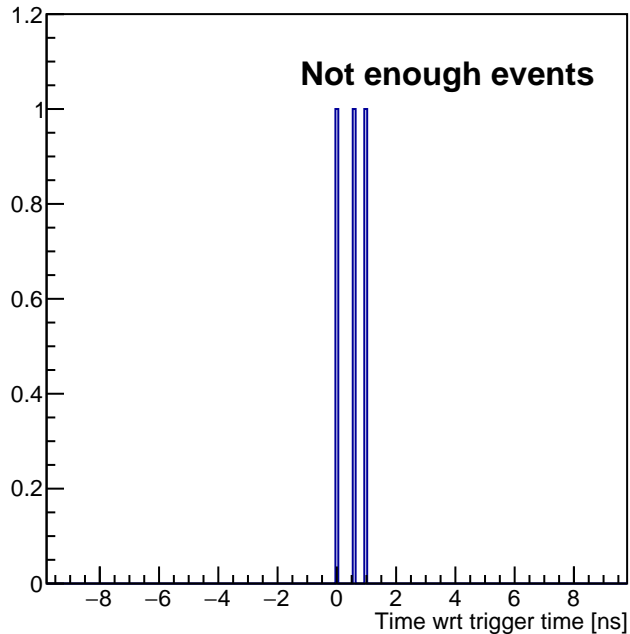
### Primitive time resolution 807



### Cluster time vs energy808



### Primitive time resolution 808



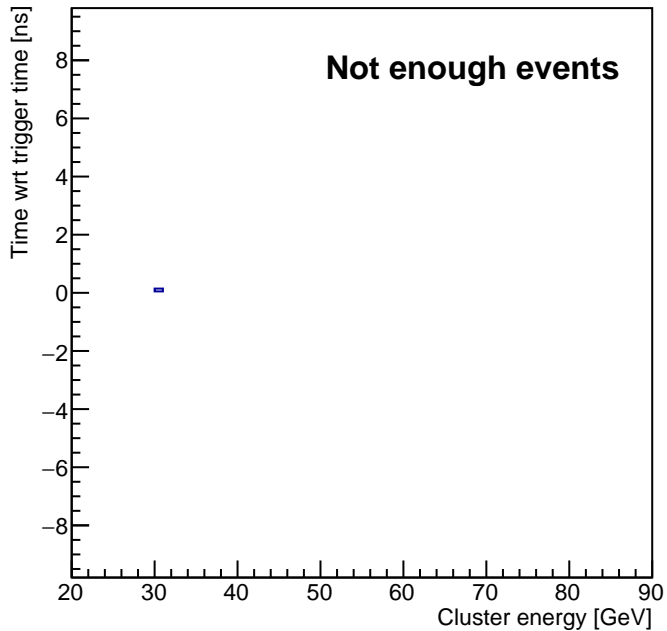
Cluster time vs energy809



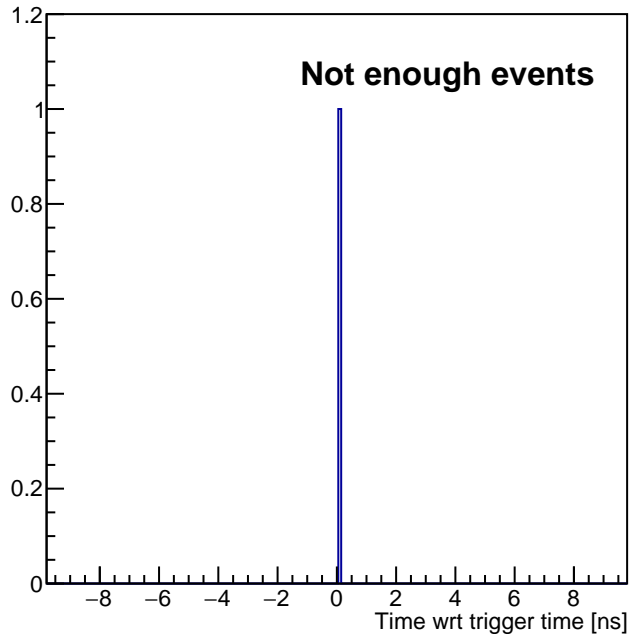
Primitive time resolution 809



### Cluster time vs energy810



### Primitive time resolution 810





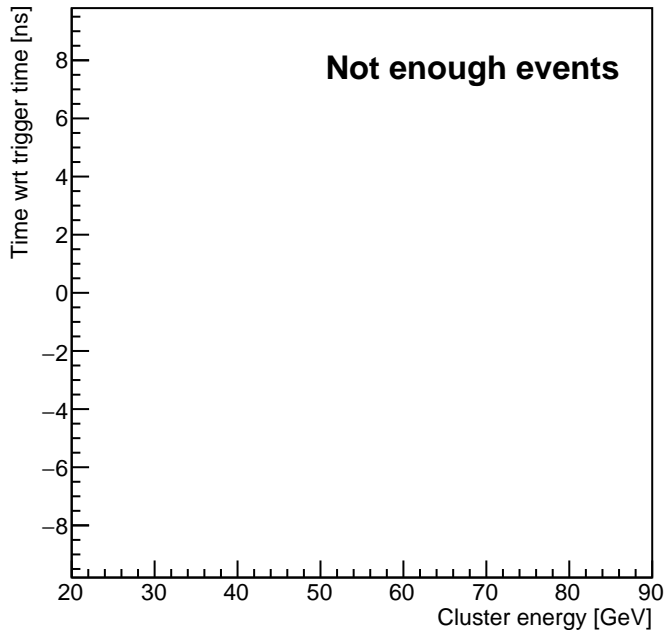
### Cluster time vs energy811



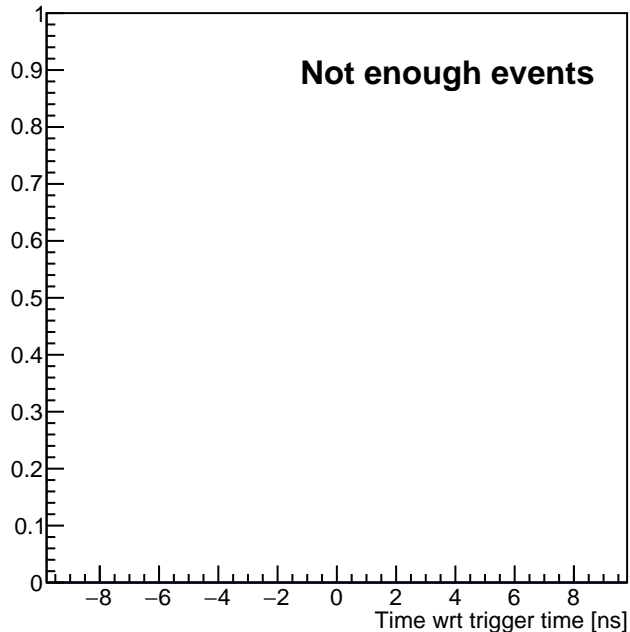
### Primitive time resolution 811



### Cluster time vs energy812



### Primitive time resolution 812



### Cluster time vs energy813



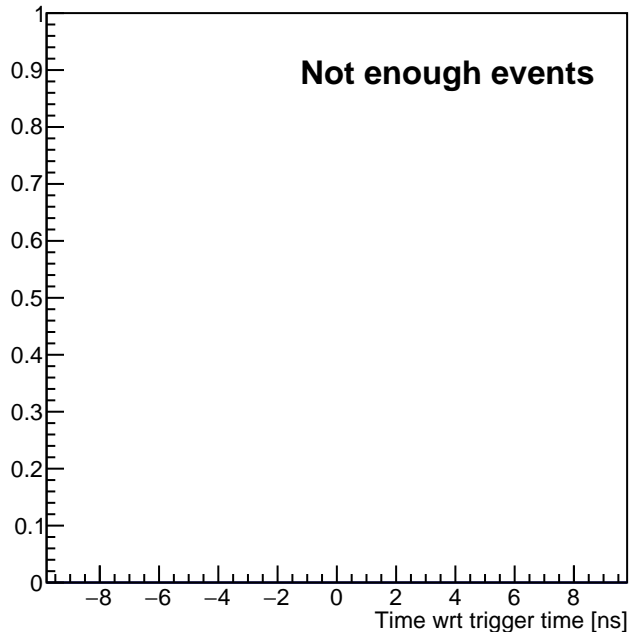
### Primitive time resolution 813



### Cluster time vs energy814



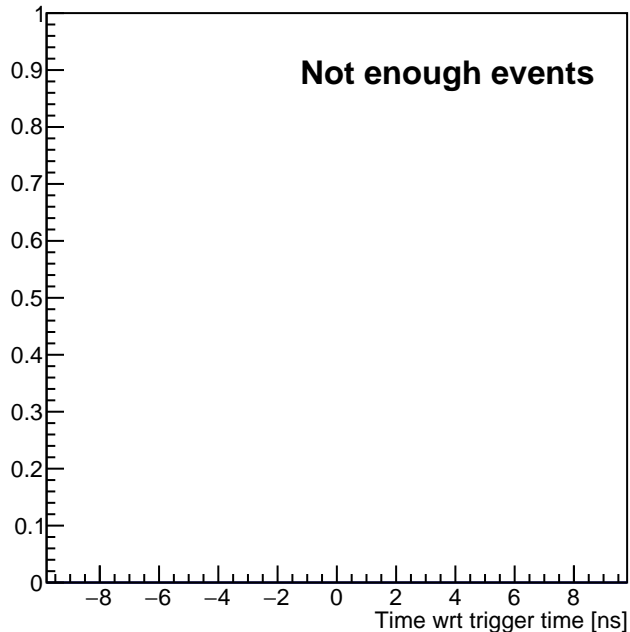
### Primitive time resolution 814



### Cluster time vs energy817



### Primitive time resolution 817



### Cluster time vs energy818



### Primitive time resolution 818



Cluster time vs energy819



Primitive time resolution 819



### Cluster time vs energy820



### Primitive time resolution 820





Cluster time vs energy821



Primitive time resolution 821



### Cluster time vs energy822



### Primitive time resolution 822



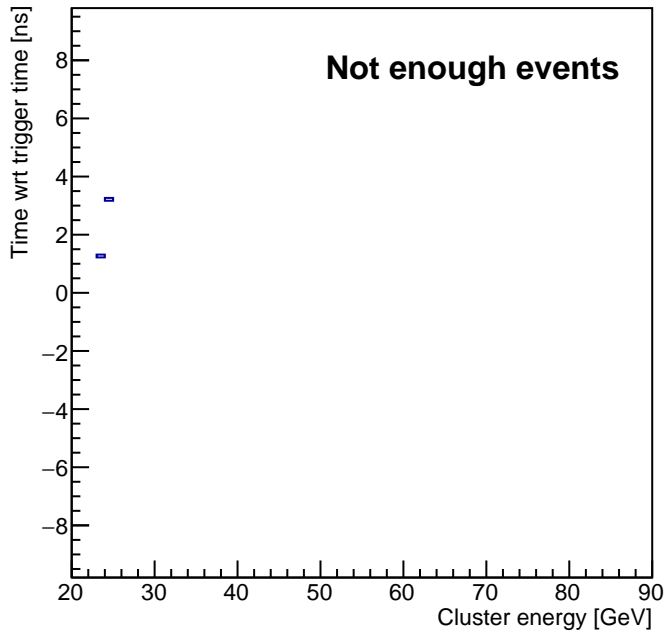
### Cluster time vs energy823



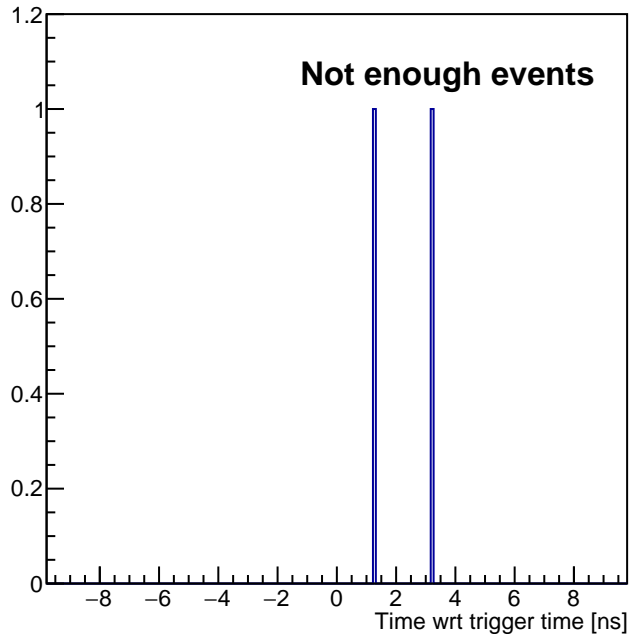
### Primitive time resolution 823



### Cluster time vs energy824



### Primitive time resolution 824



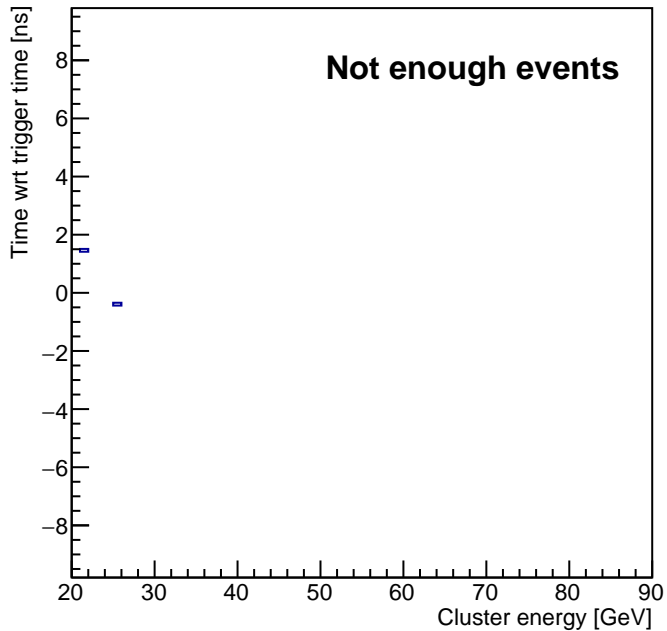
### Cluster time vs energy825



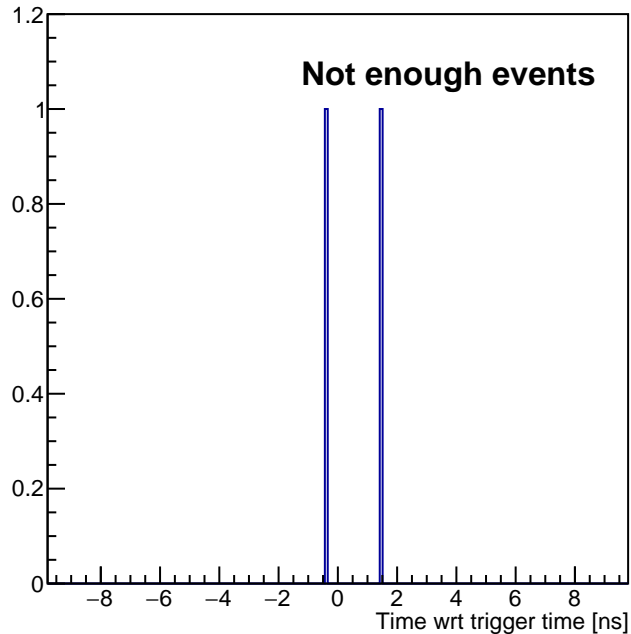
### Primitive time resolution 825



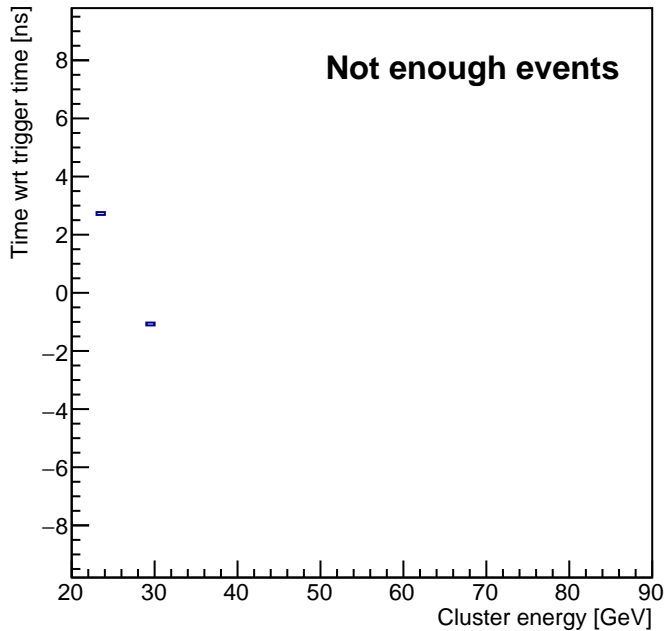
### Cluster time vs energy826



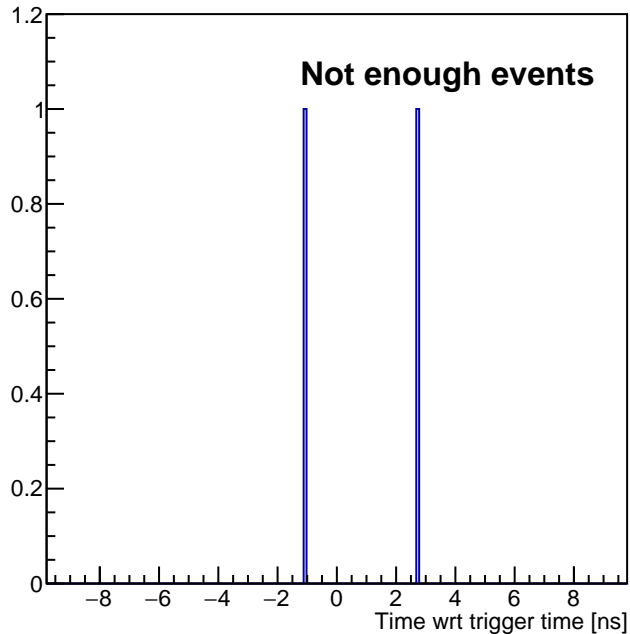
### Primitive time resolution 826



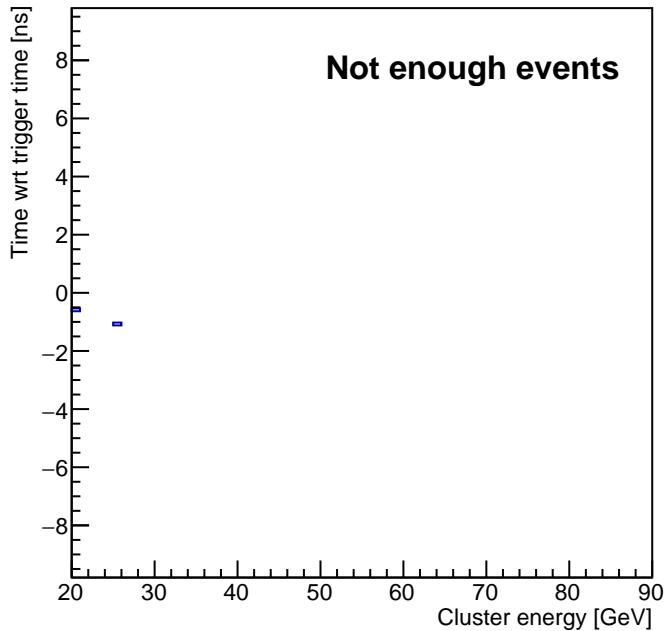
### Cluster time vs energy827



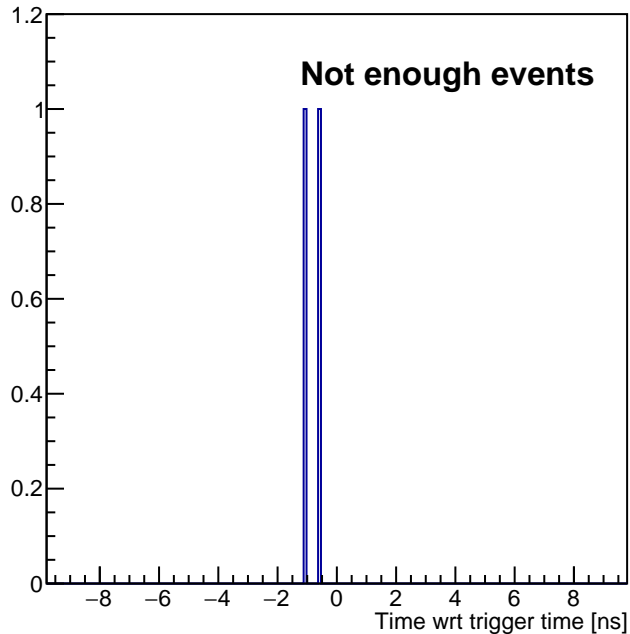
### Primitive time resolution 827



### Cluster time vs energy828

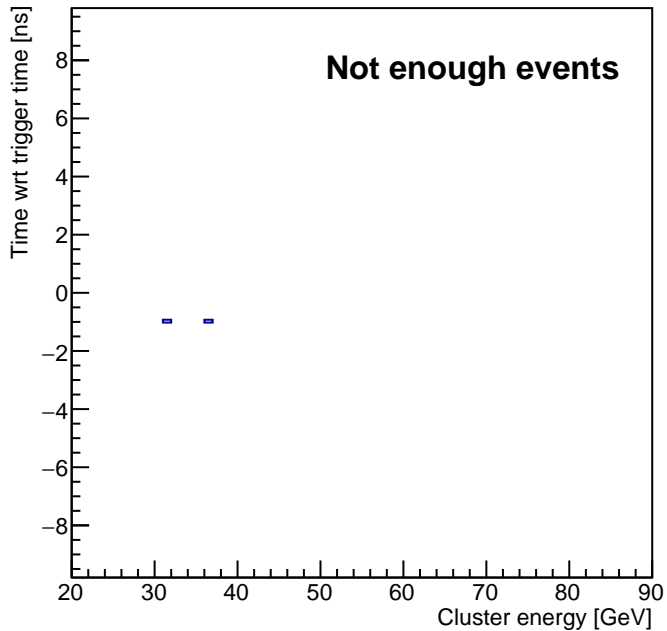


### Primitive time resolution 828

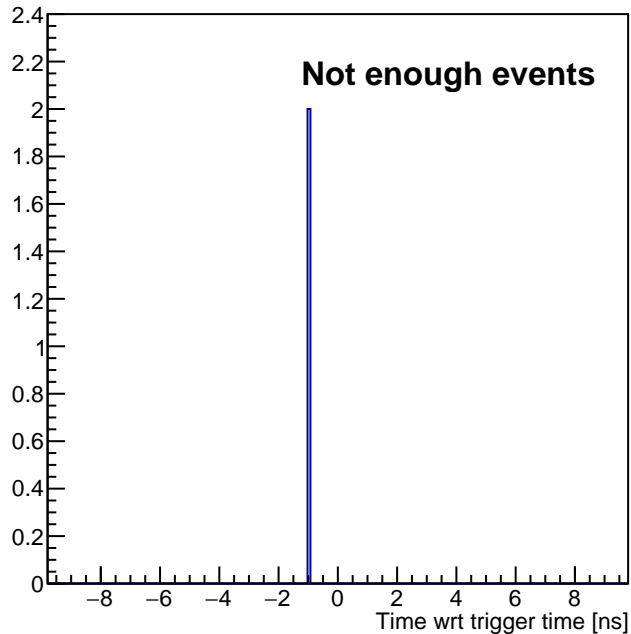




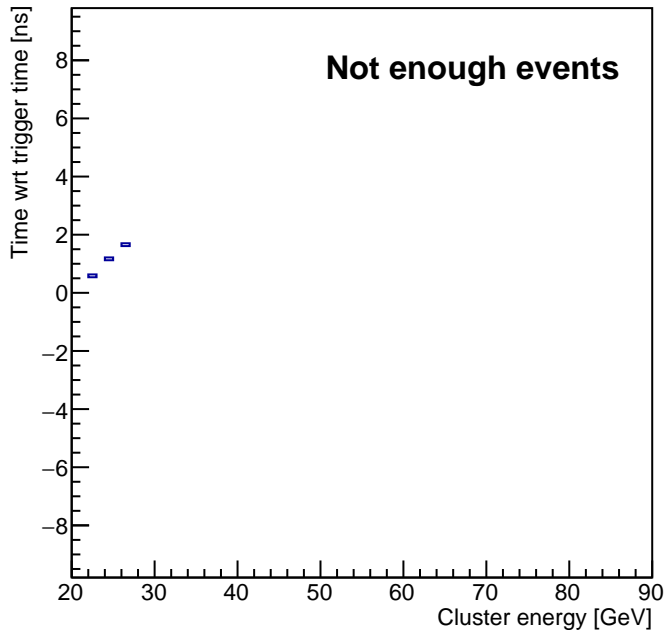
### Cluster time vs energy829



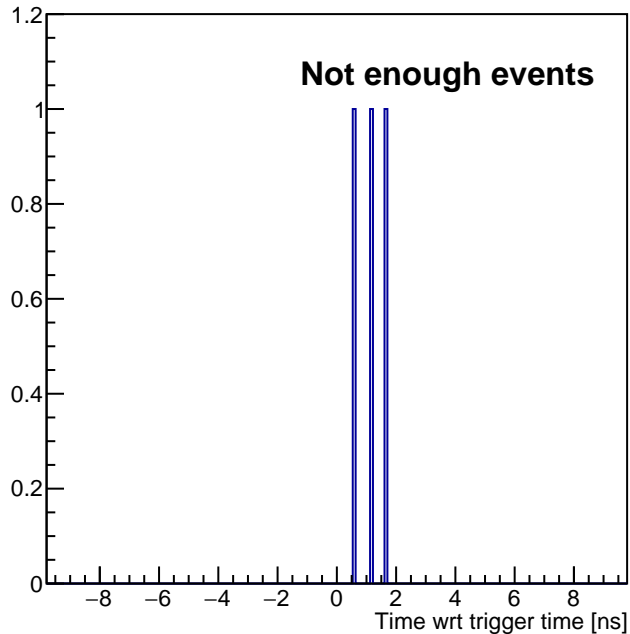
### Primitive time resolution 829



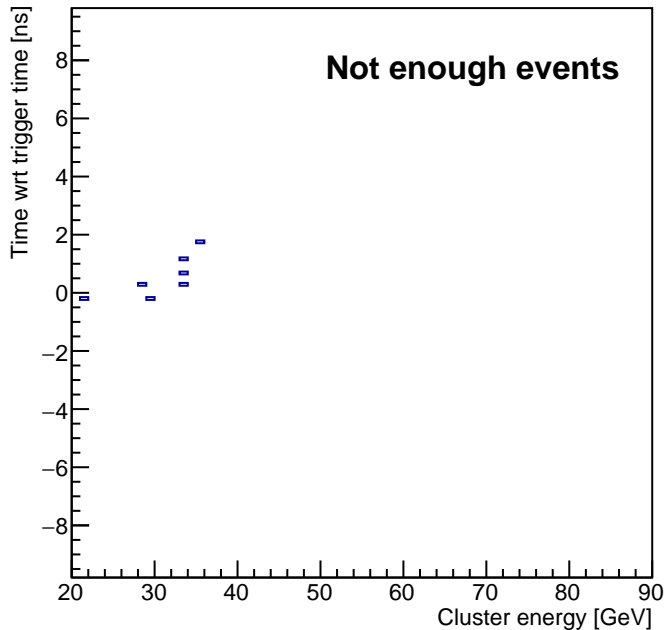
### Cluster time vs energy830



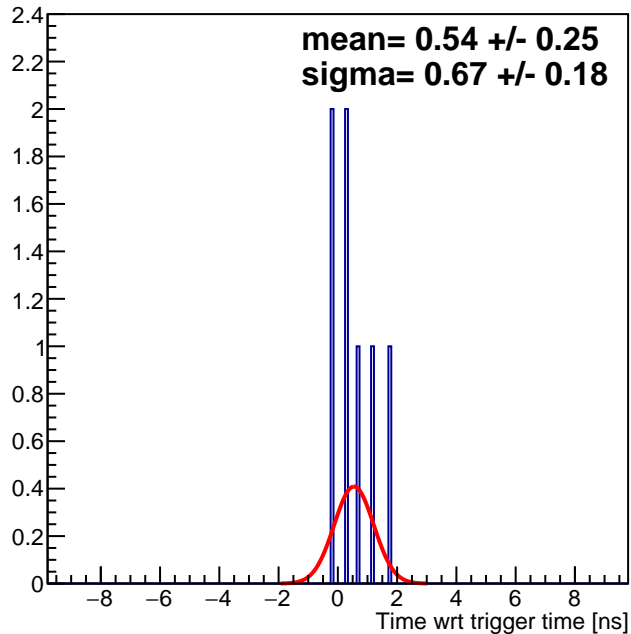
### Primitive time resolution 830



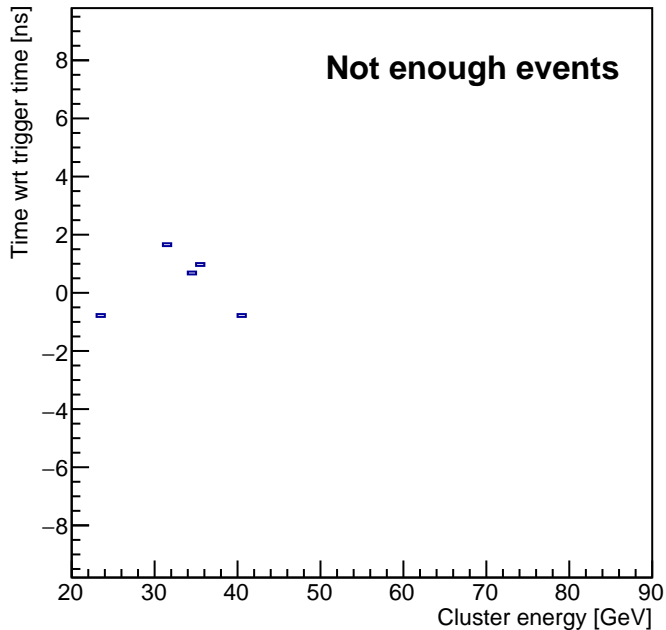
### Cluster time vs energy831



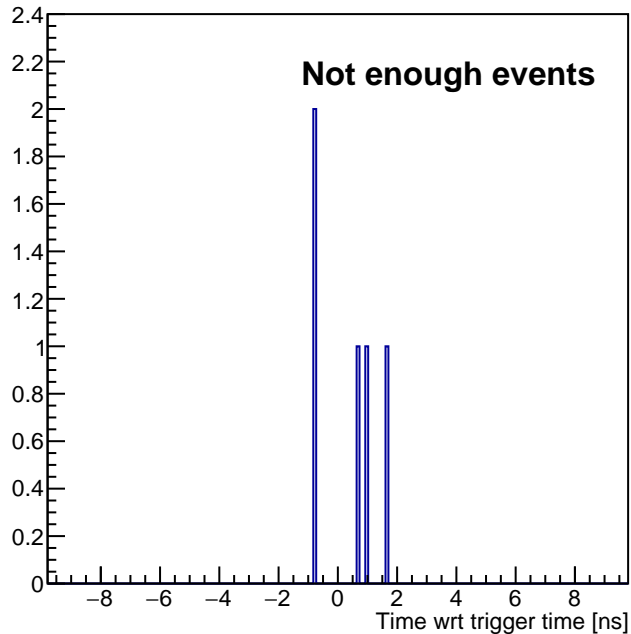
### Primitive time resolution 831



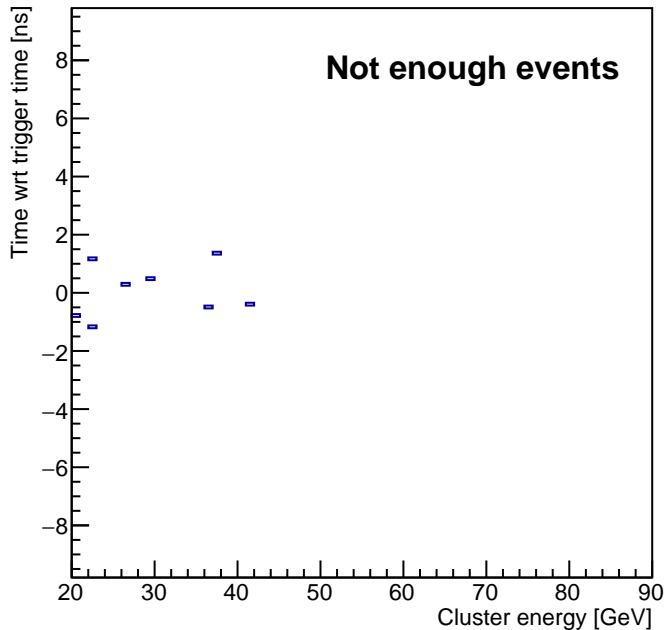
### Cluster time vs energy832



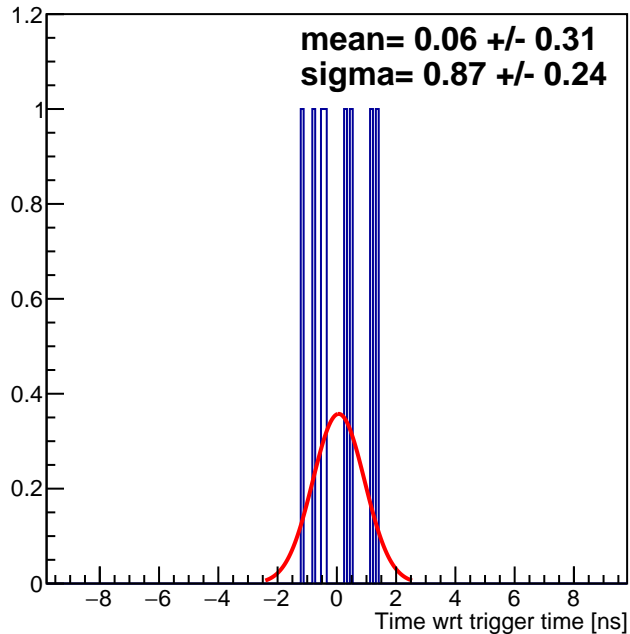
### Primitive time resolution 832



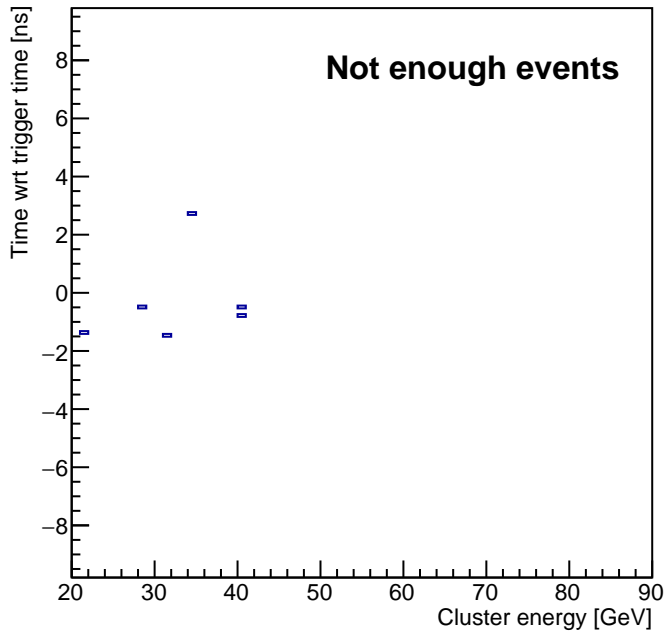
### Cluster time vs energy833



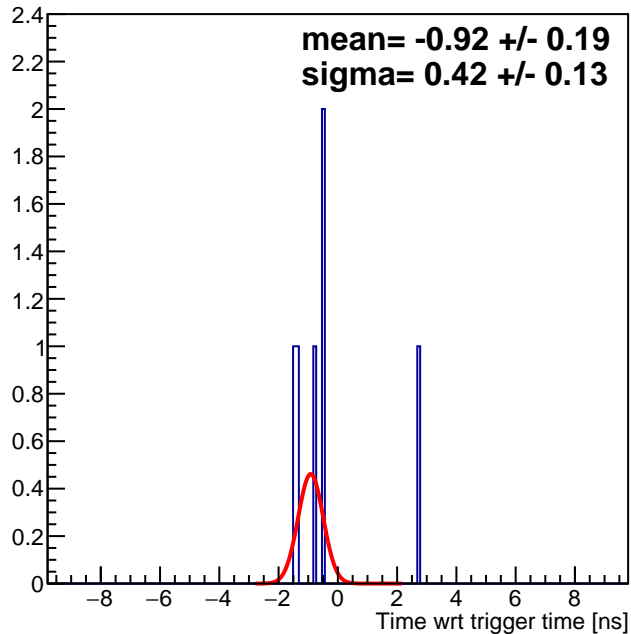
### Primitive time resolution 833



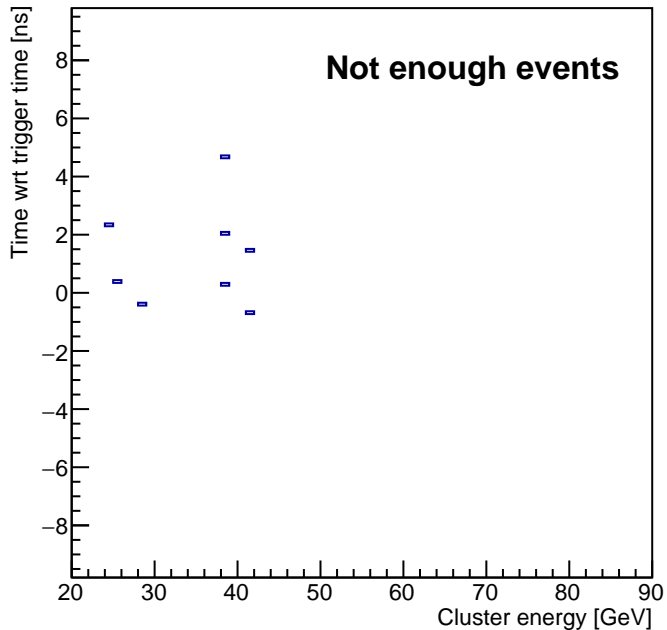
### Cluster time vs energy834



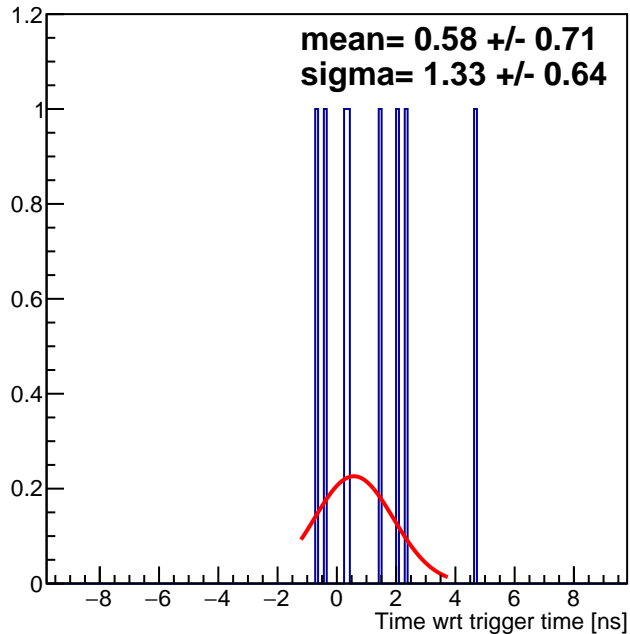
### Primitive time resolution 834



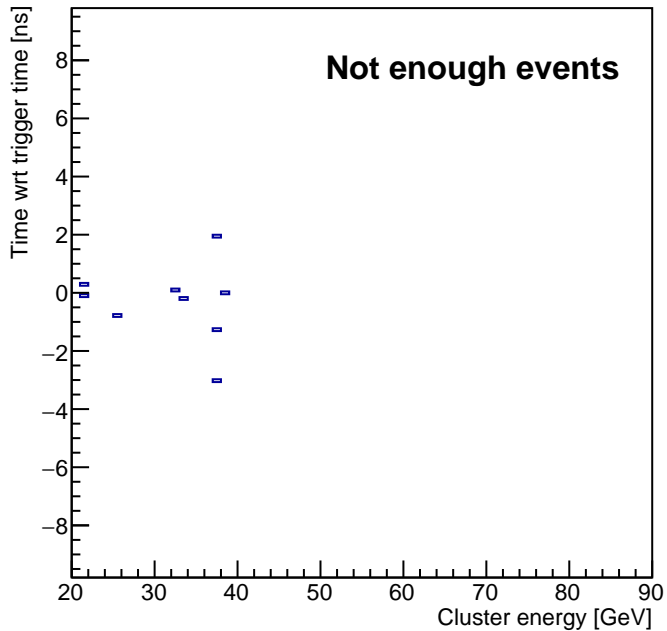
### Cluster time vs energy835



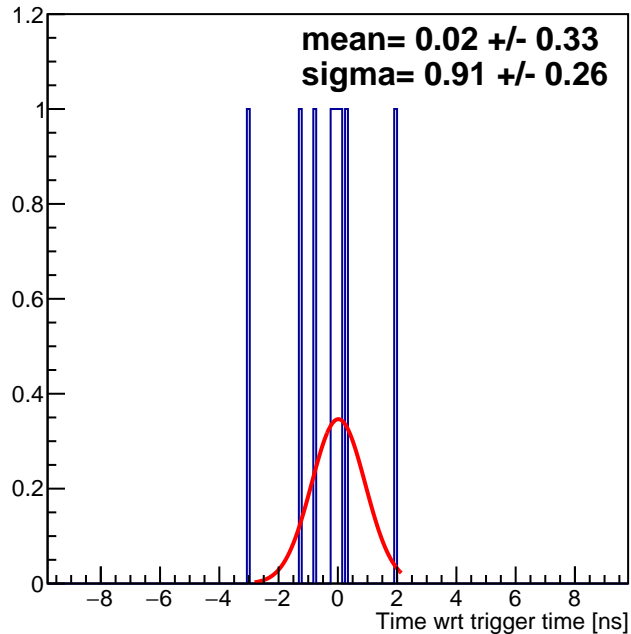
### Primitive time resolution 835



### Cluster time vs energy836

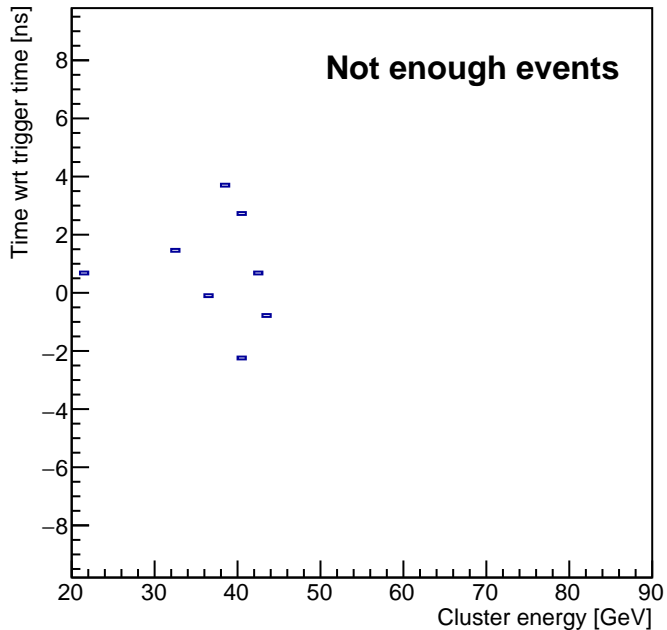


### Primitive time resolution 836

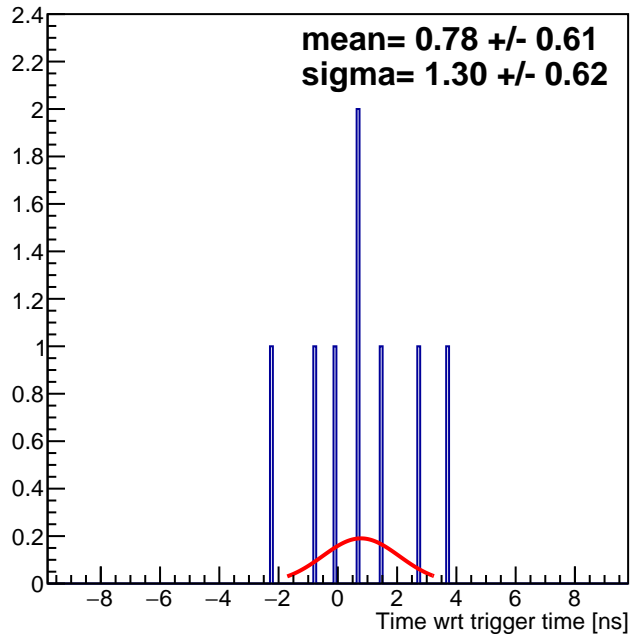




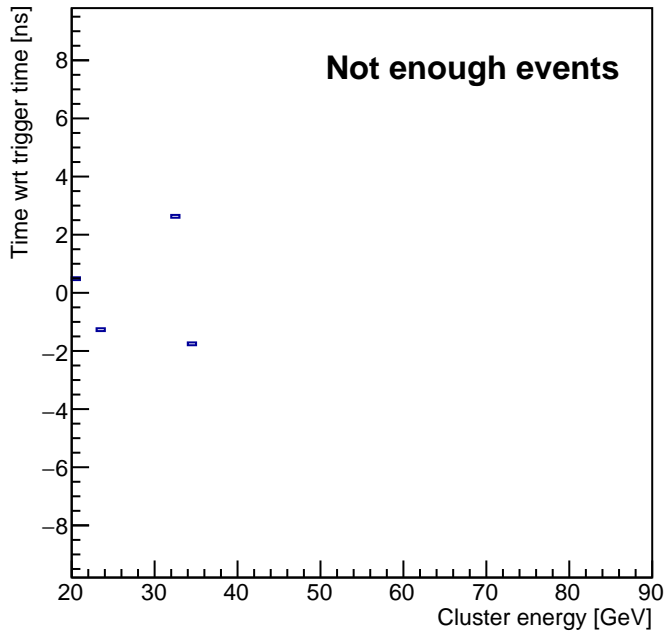
### Cluster time vs energy837



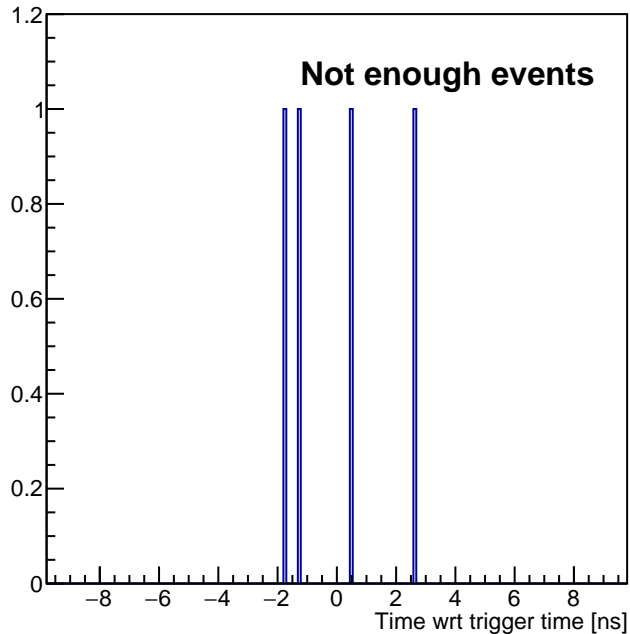
### Primitive time resolution 837



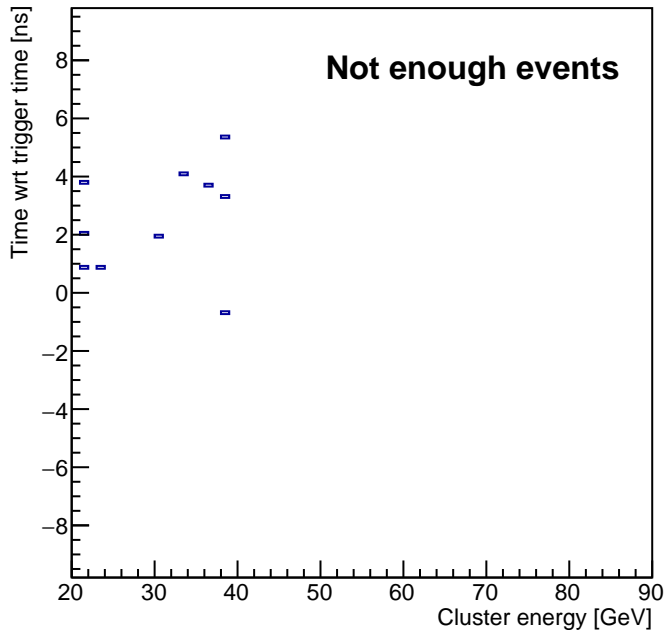
### Cluster time vs energy838



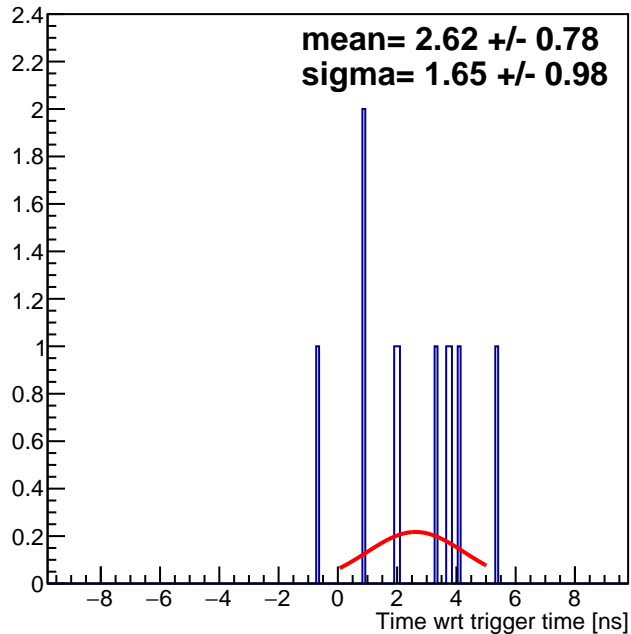
### Primitive time resolution 838



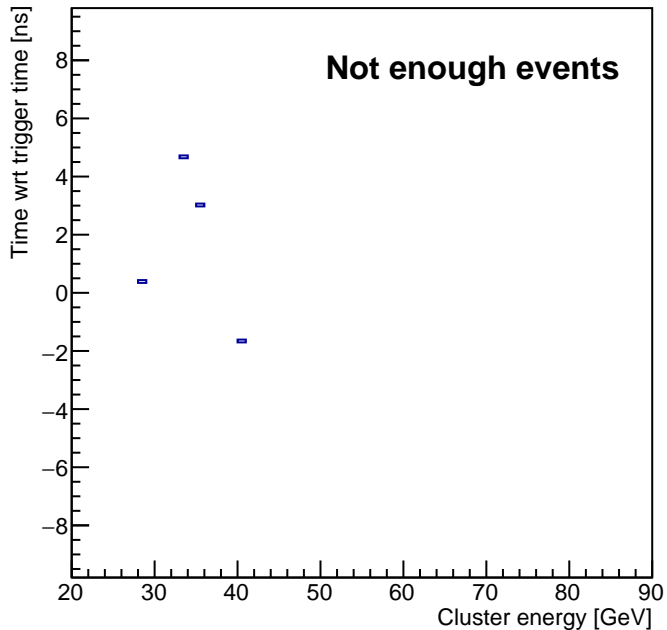
### Cluster time vs energy839



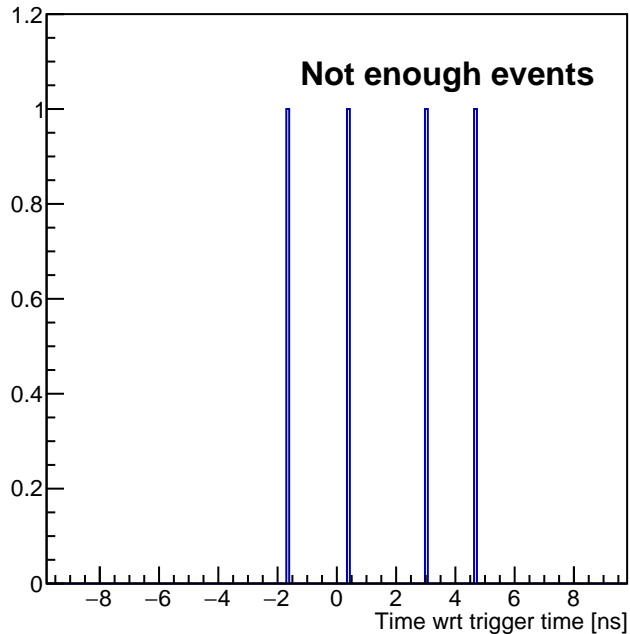
### Primitive time resolution 839



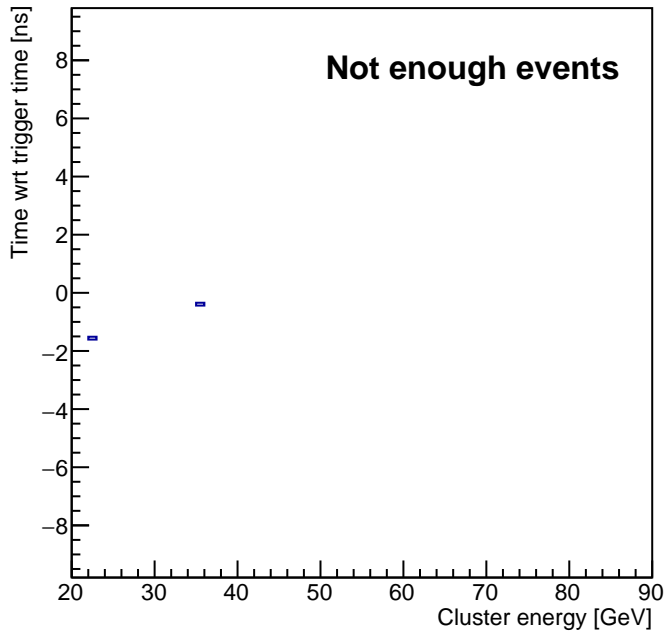
### Cluster time vs energy840



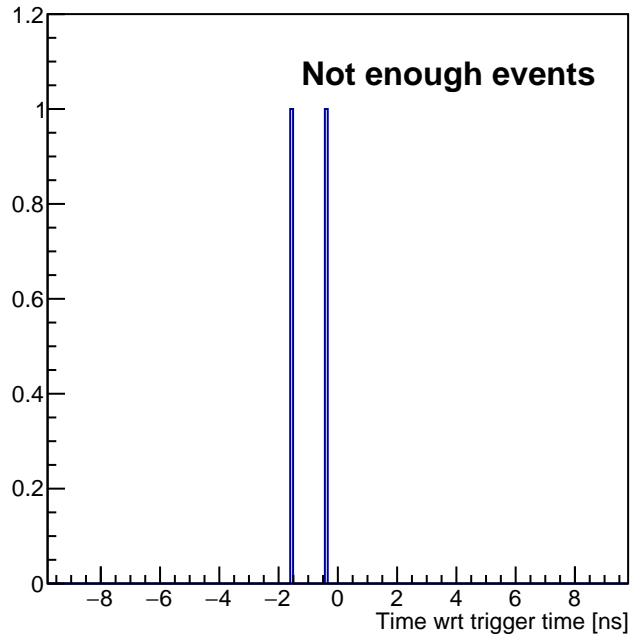
### Primitive time resolution 840



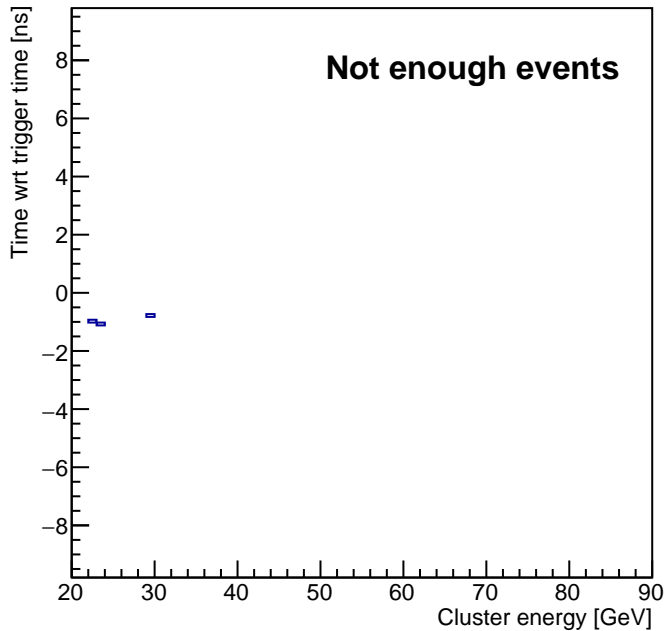
### Cluster time vs energy841



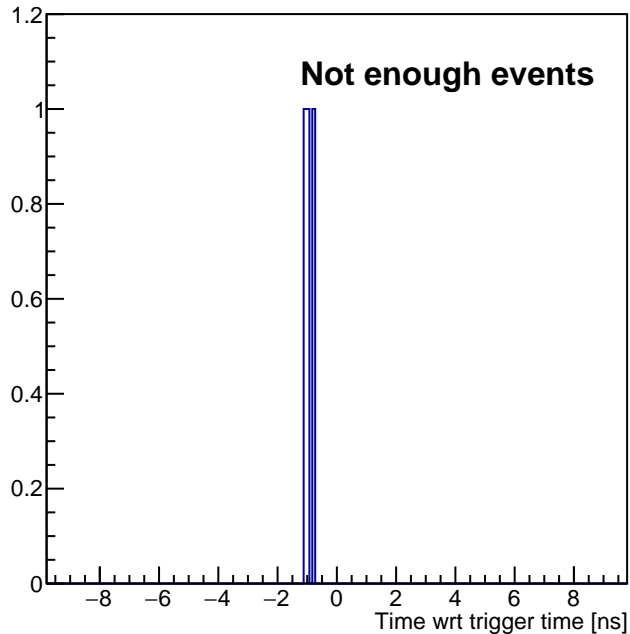
### Primitive time resolution 841



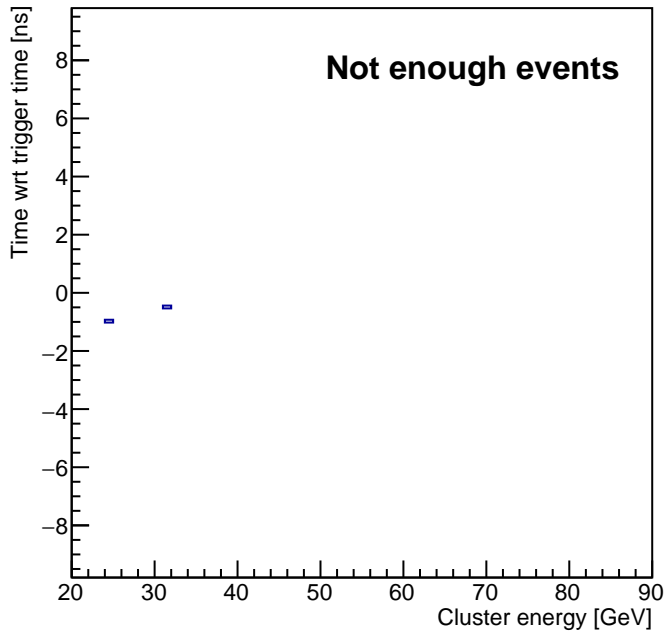
### Cluster time vs energy842



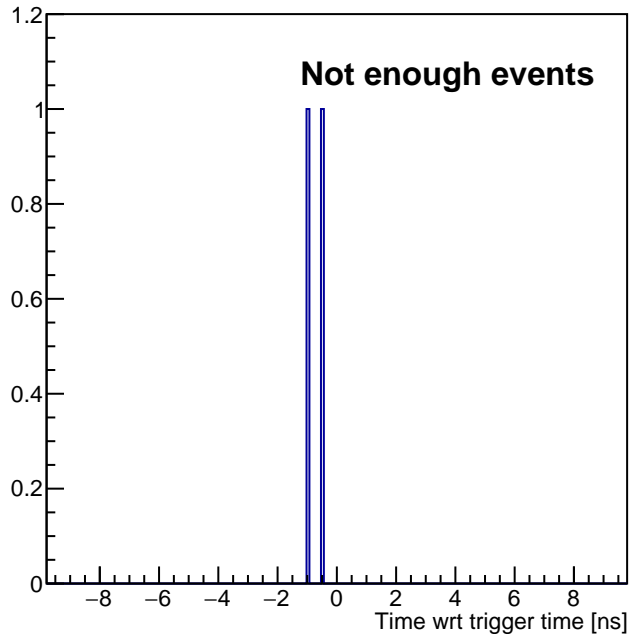
### Primitive time resolution 842



### Cluster time vs energy843



### Primitive time resolution 843



### Cluster time vs energy844



### Primitive time resolution 844





### Cluster time vs energy845



### Primitive time resolution 845



### Cluster time vs energy846



### Primitive time resolution 846



### Cluster time vs energy847



### Primitive time resolution 847



### Cluster time vs energy848



### Primitive time resolution 848



Cluster time vs energy851



Primitive time resolution 851



### Cluster time vs energy852



### Primitive time resolution 852



### Cluster time vs energy853



### Primitive time resolution 853



### Cluster time vs energy854



### Primitive time resolution 854





### Cluster time vs energy855



### Primitive time resolution 855



### Cluster time vs energy856



### Primitive time resolution 856



### Cluster time vs energy857



### Primitive time resolution 857



### Cluster time vs energy858



### Primitive time resolution 858



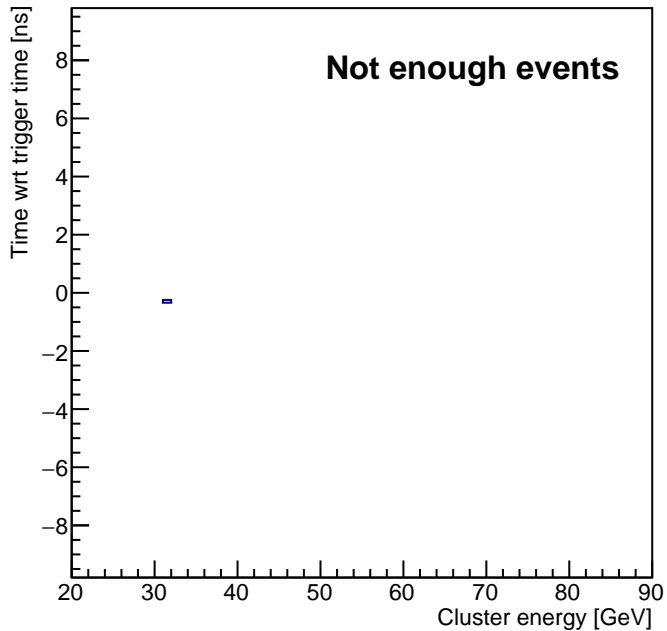
### Cluster time vs energy859



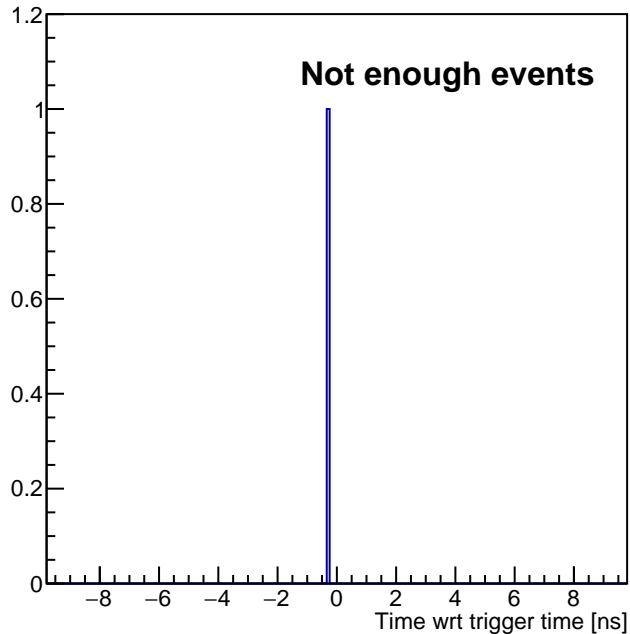
### Primitive time resolution 859



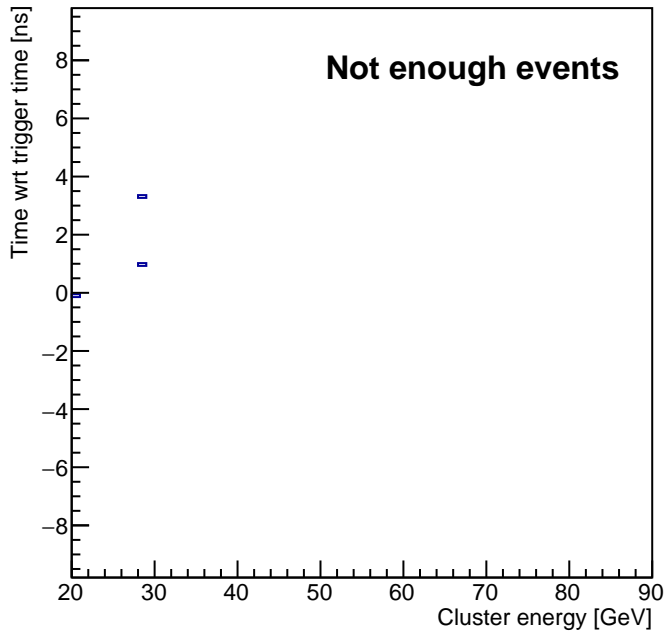
### Cluster time vs energy860



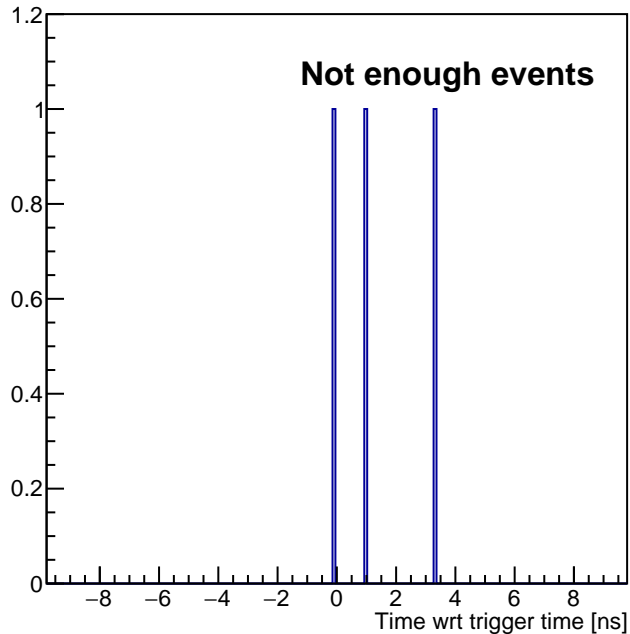
### Primitive time resolution 860



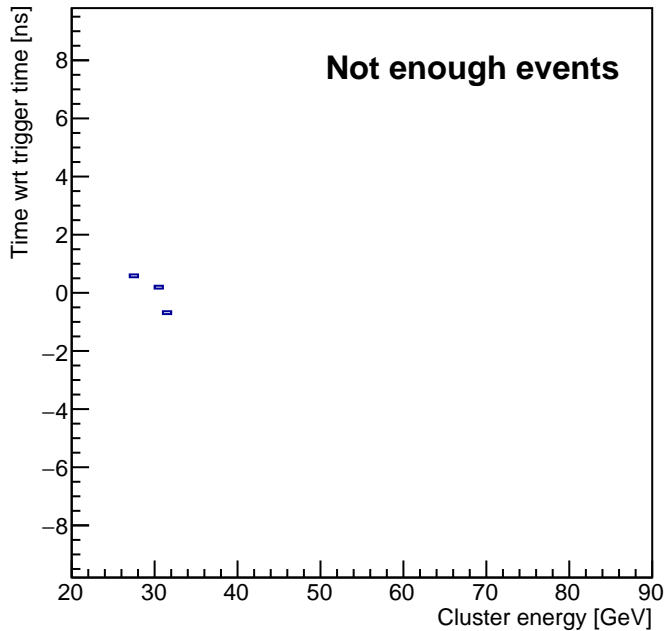
### Cluster time vs energy861



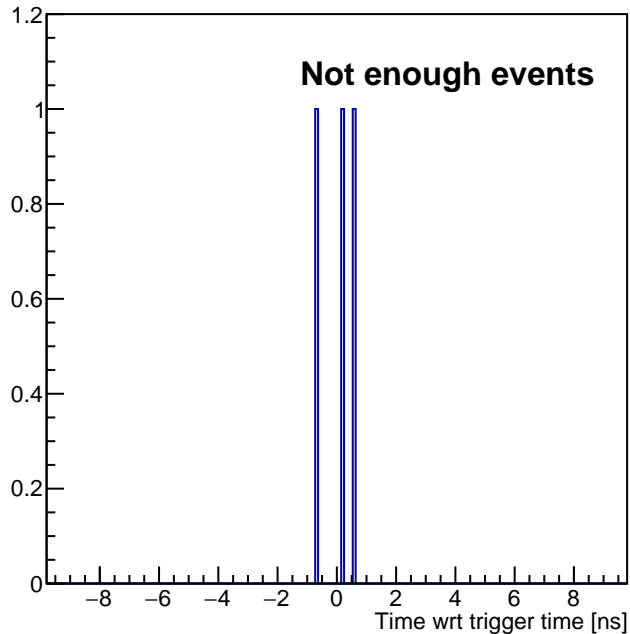
### Primitive time resolution 861



### Cluster time vs energy862

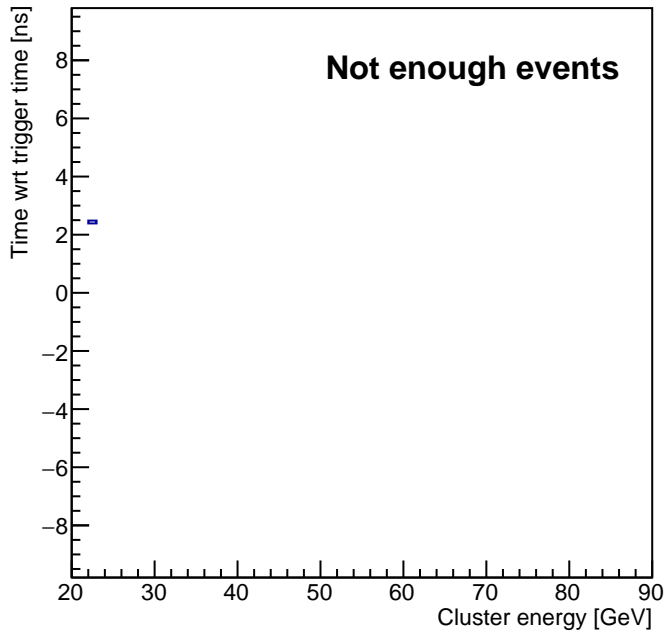


### Primitive time resolution 862

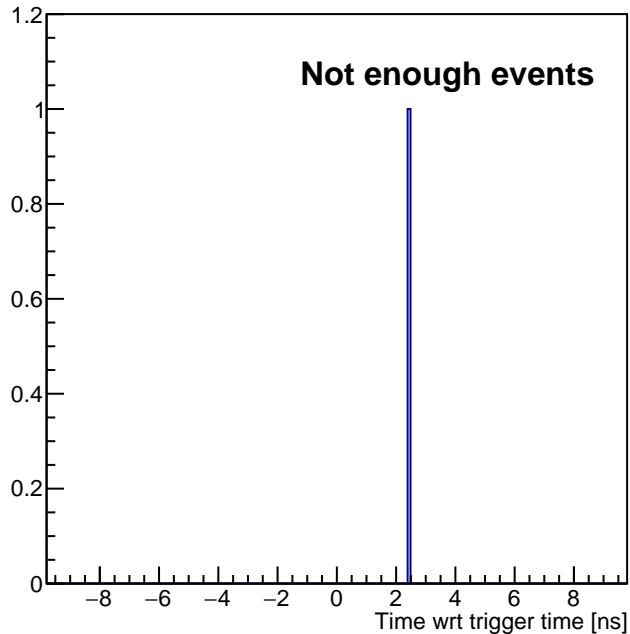




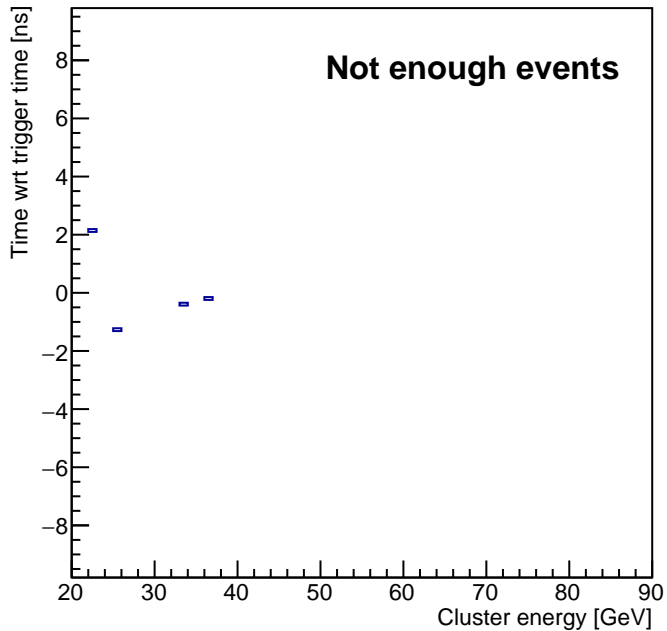
### Cluster time vs energy863



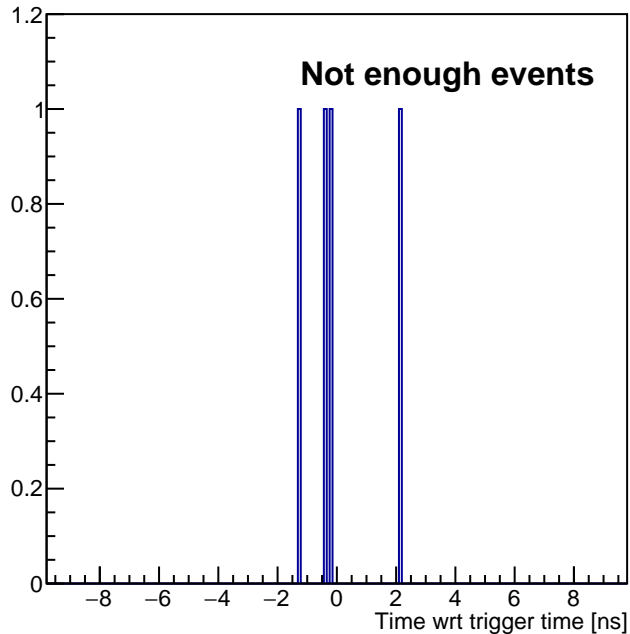
### Primitive time resolution 863



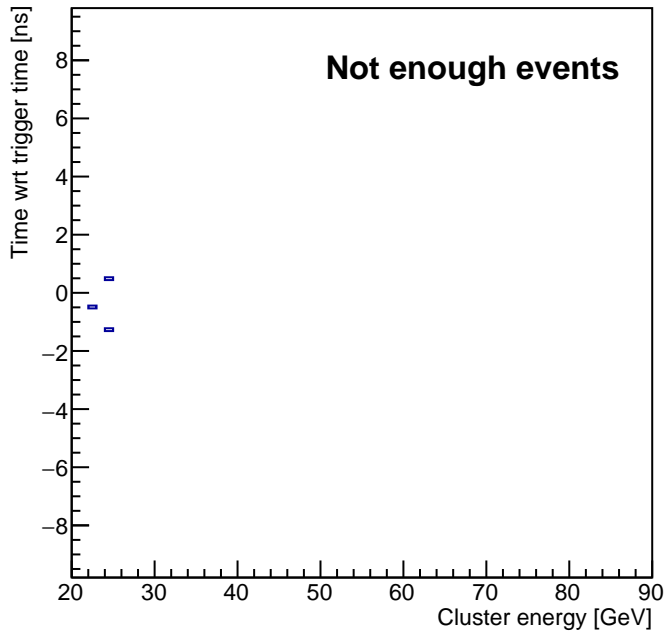
### Cluster time vs energy864



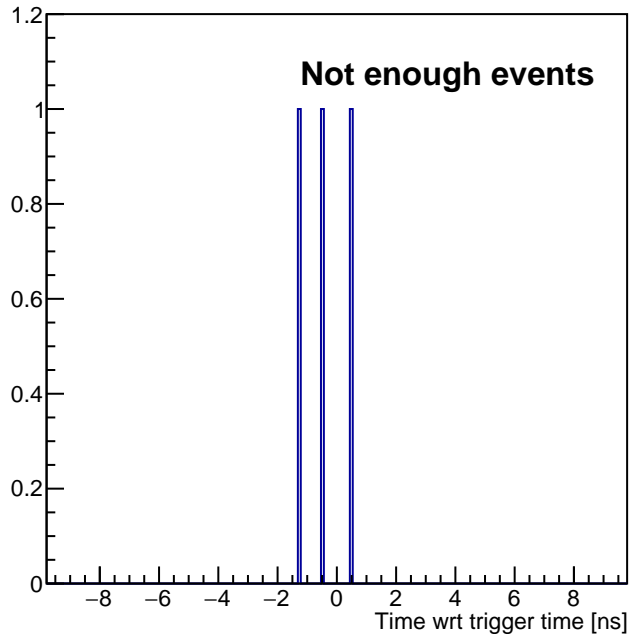
### Primitive time resolution 864



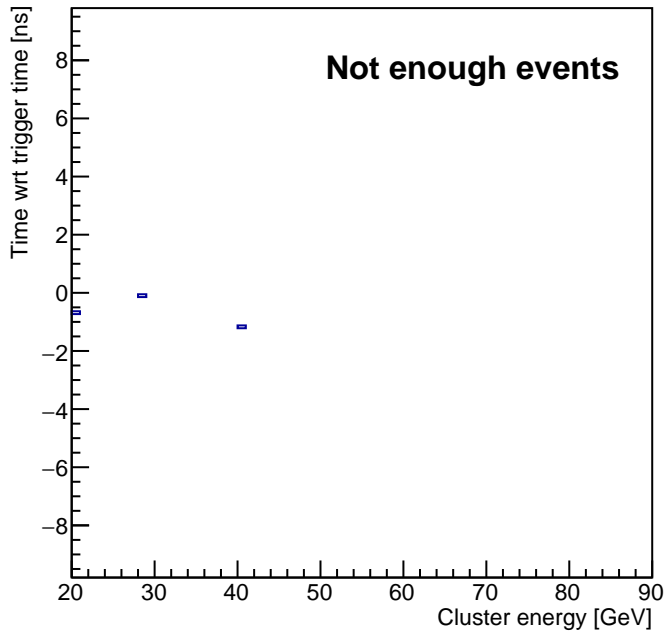
### Cluster time vs energy865



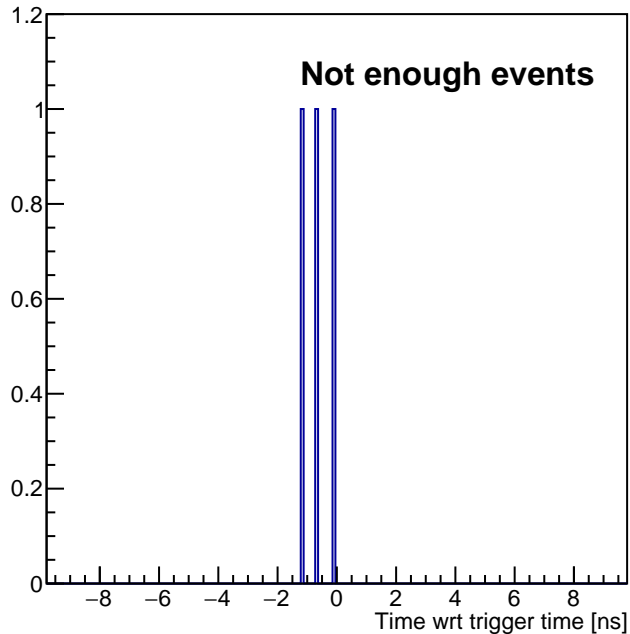
### Primitive time resolution 865



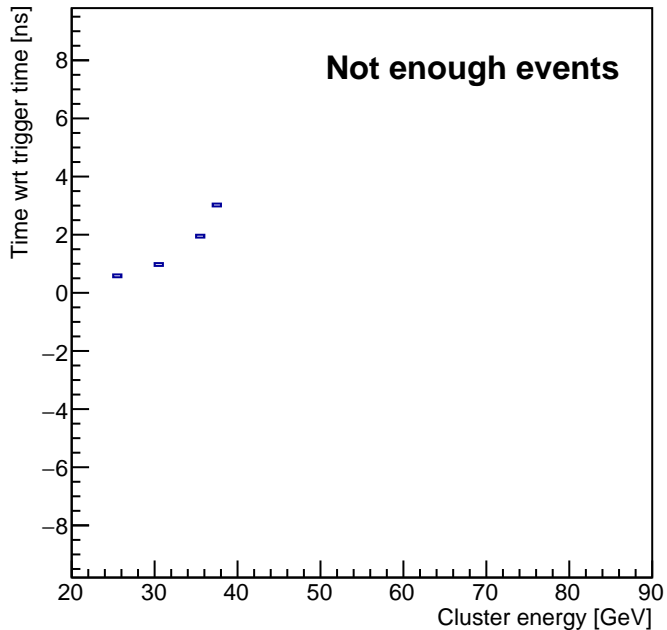
### Cluster time vs energy866



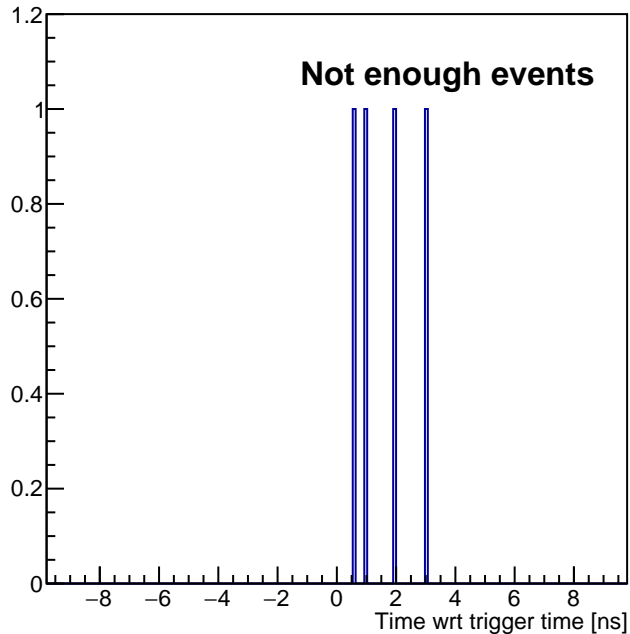
### Primitive time resolution 866



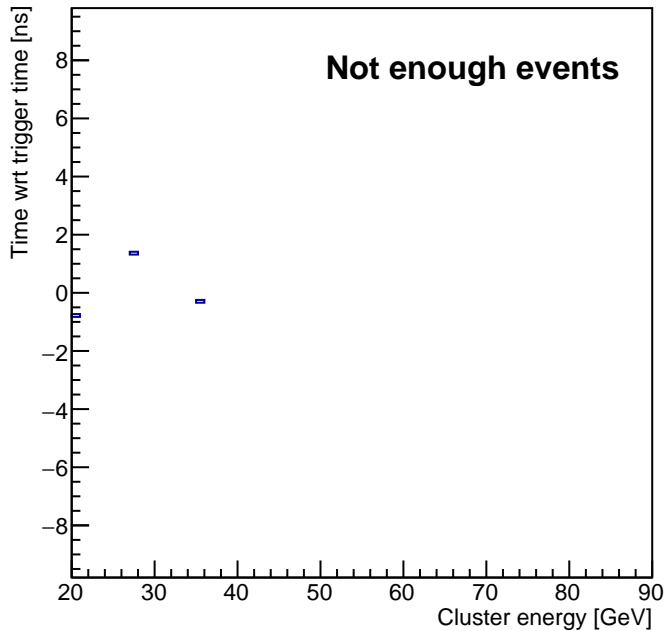
### Cluster time vs energy867



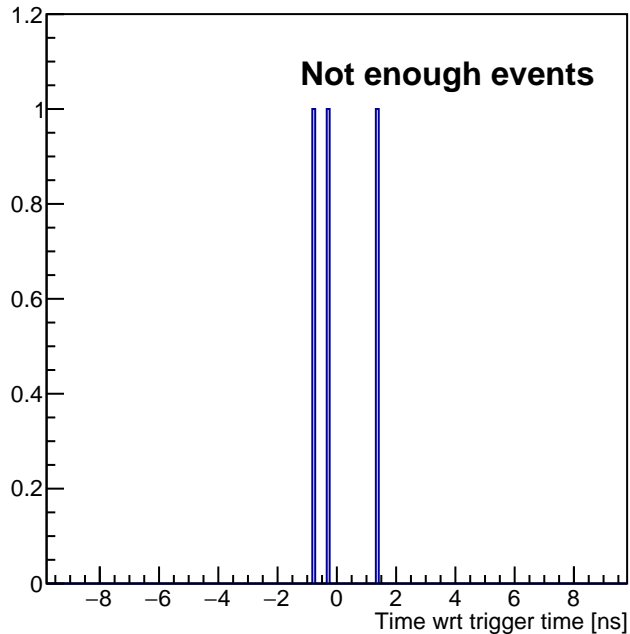
### Primitive time resolution 867



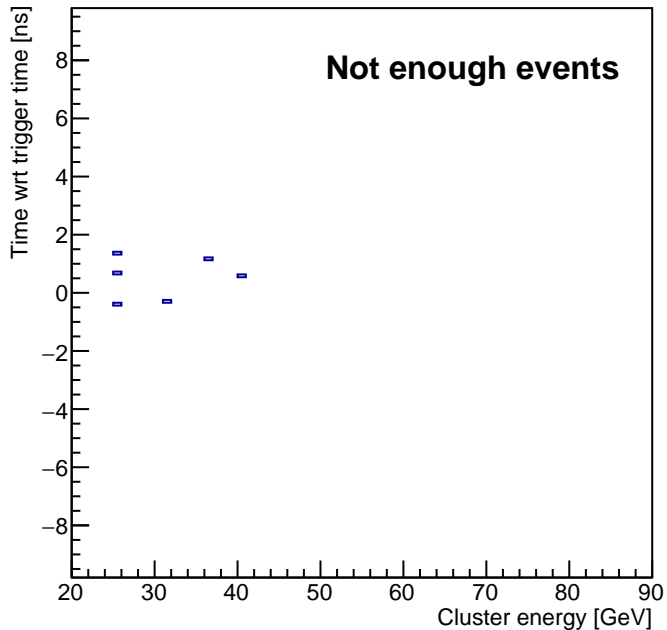
### Cluster time vs energy868



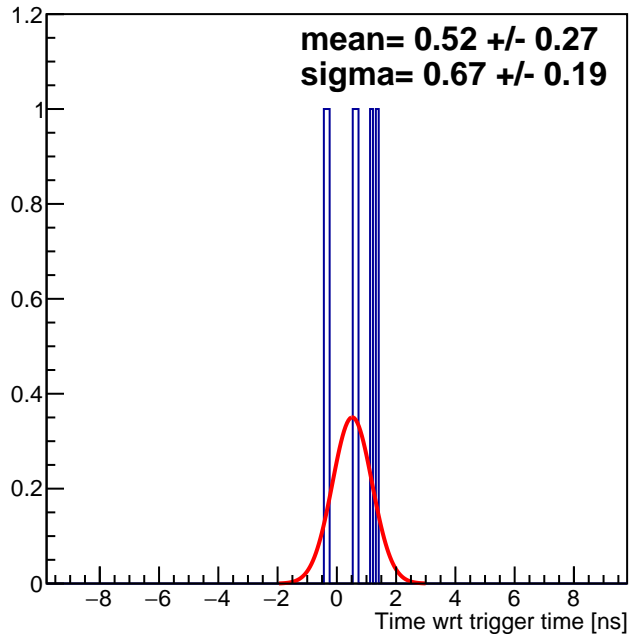
### Primitive time resolution 868



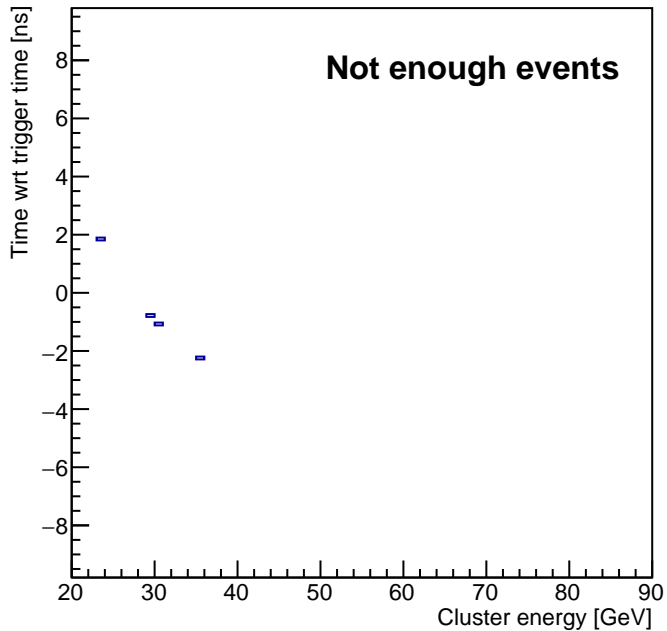
### Cluster time vs energy869



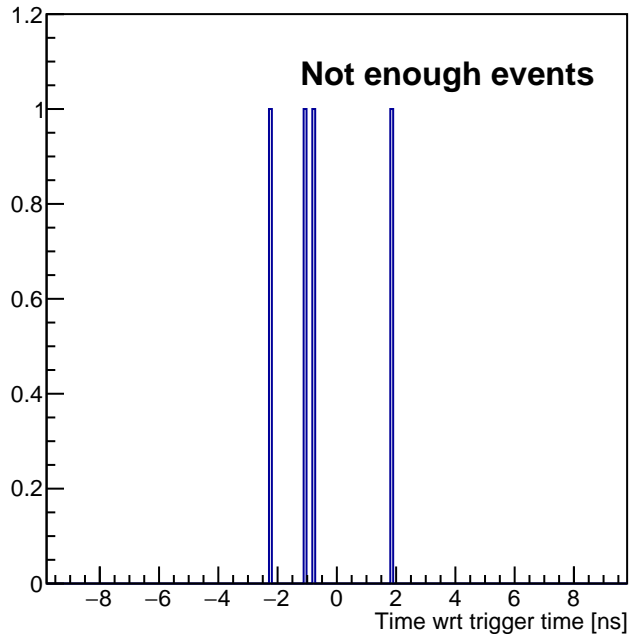
### Primitive time resolution 869



### Cluster time vs energy870

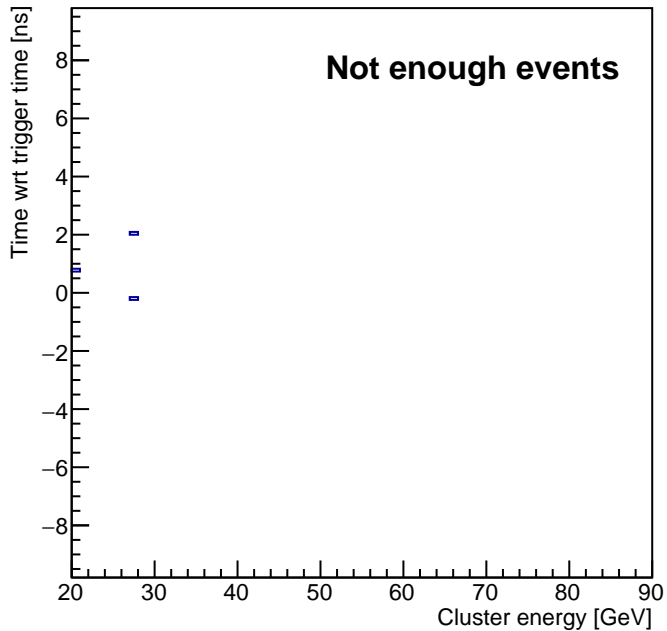


### Primitive time resolution 870

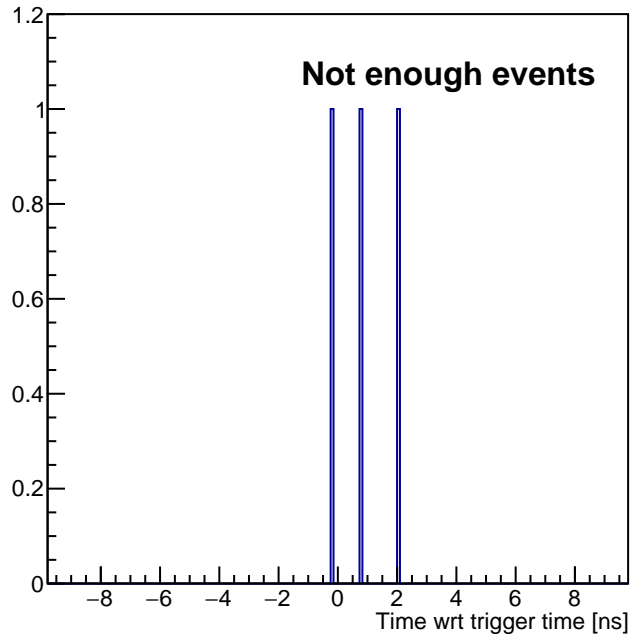




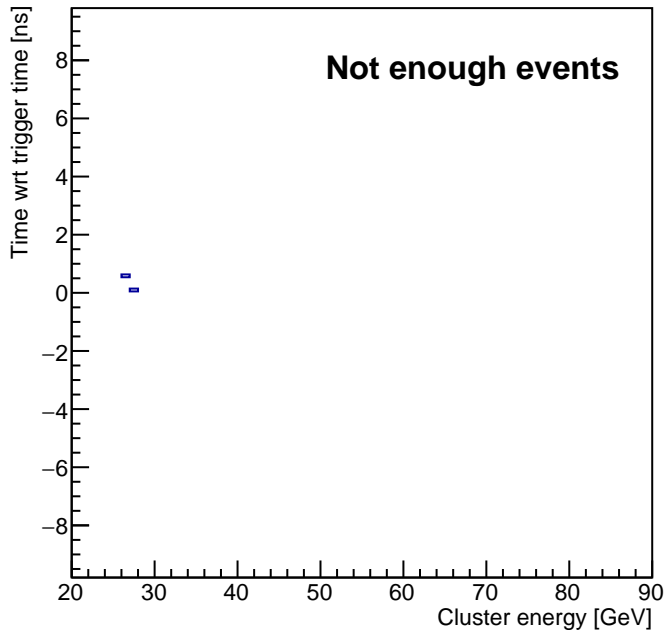
### Cluster time vs energy871



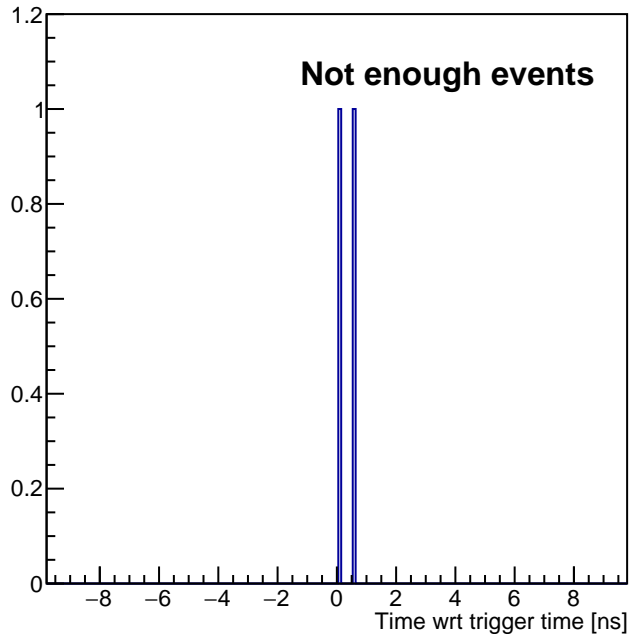
### Primitive time resolution 871



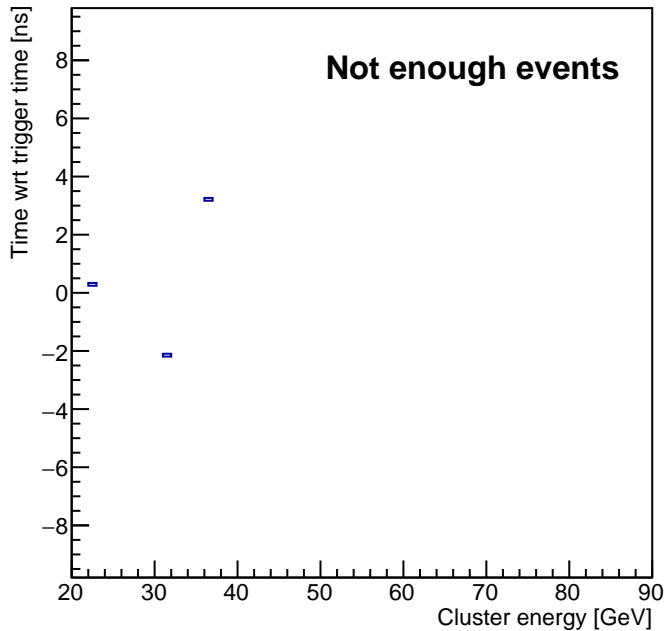
### Cluster time vs energy872



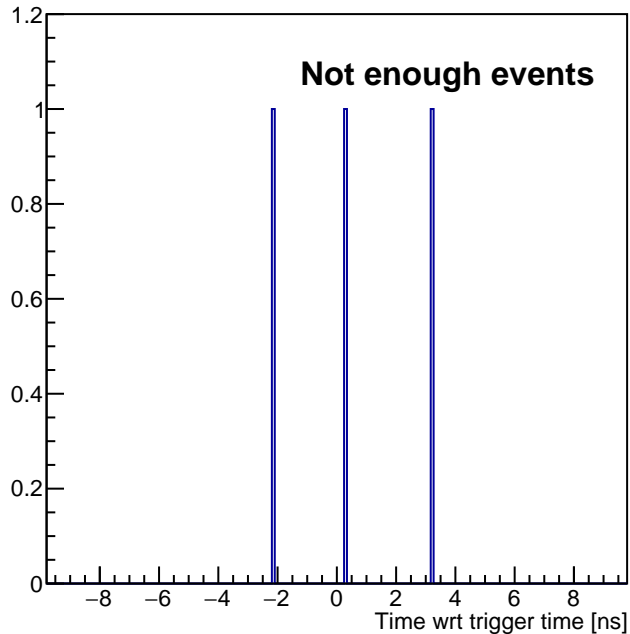
### Primitive time resolution 872



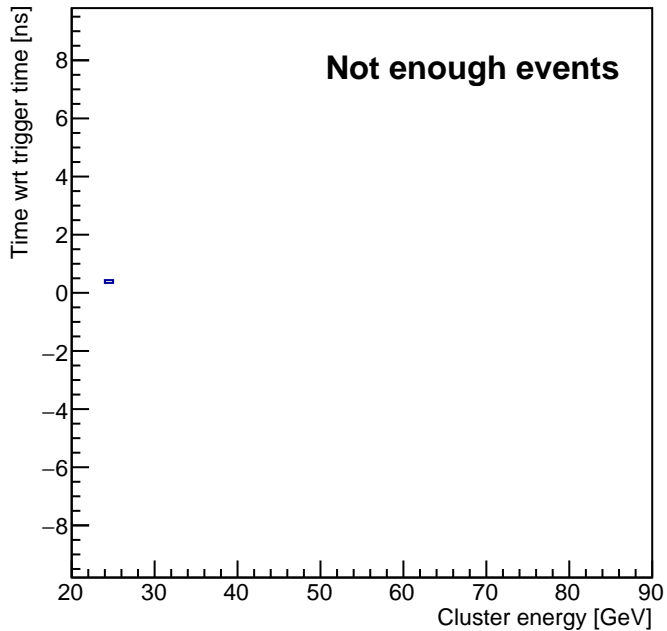
### Cluster time vs energy873



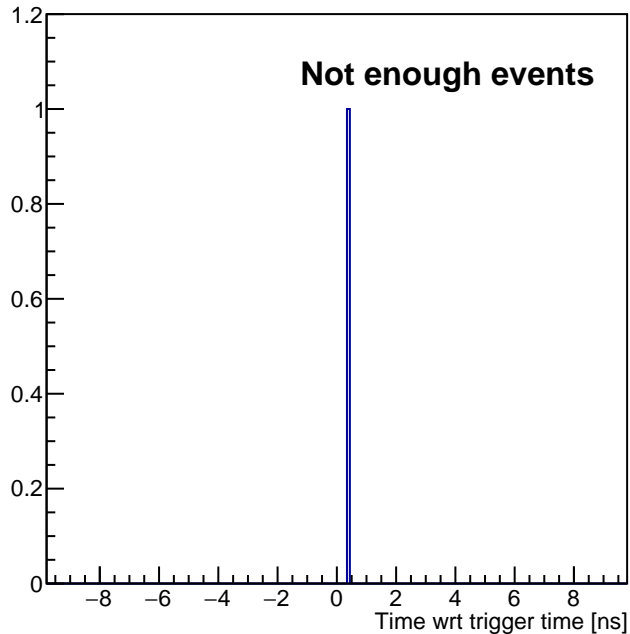
### Primitive time resolution 873



### Cluster time vs energy874



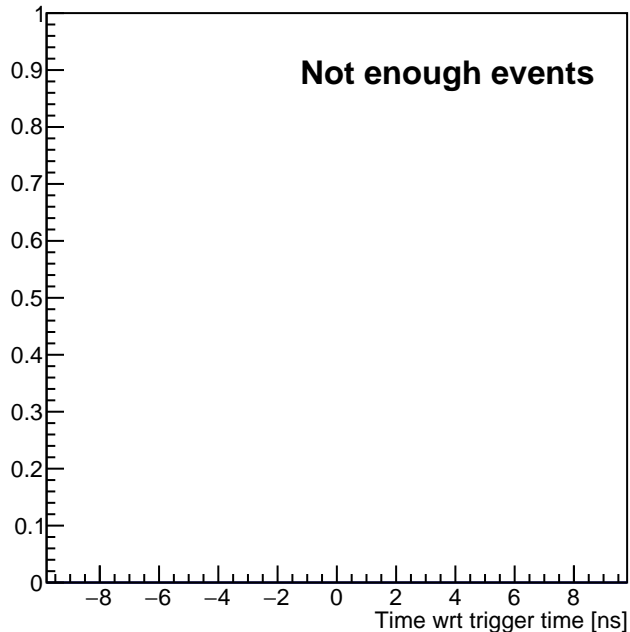
### Primitive time resolution 874



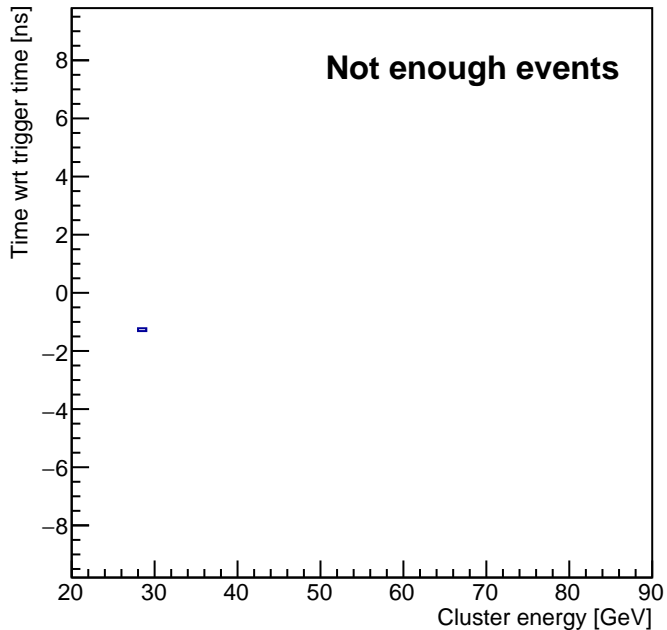
### Cluster time vs energy875



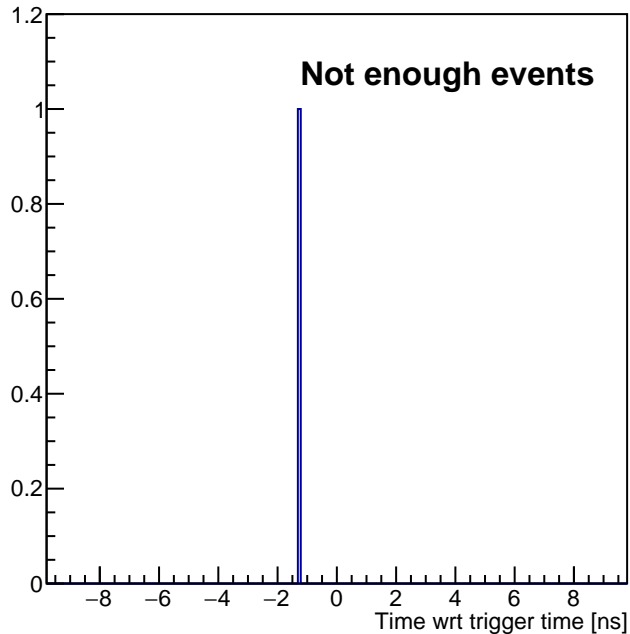
### Primitive time resolution 875



### Cluster time vs energy876



### Primitive time resolution 876



### Cluster time vs energy877



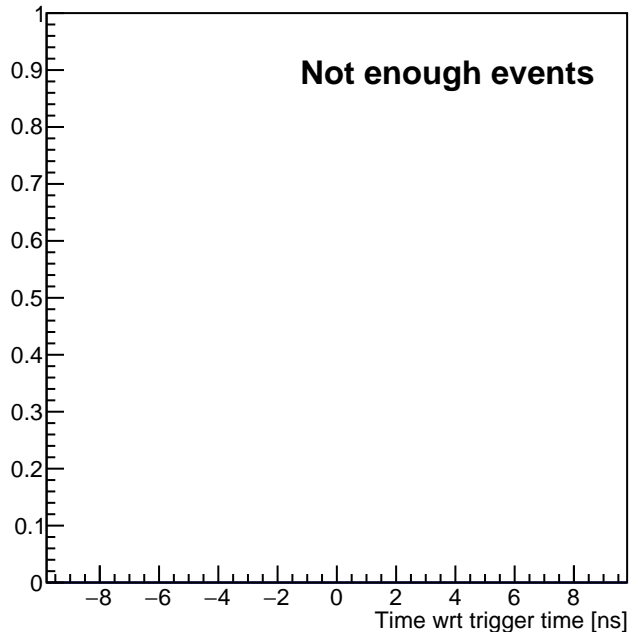
### Primitive time resolution 877



### Cluster time vs energy878



### Primitive time resolution 878





### Cluster time vs energy879



### Primitive time resolution 879



### Cluster time vs energy880



### Primitive time resolution 880



Cluster time vs energy881



Primitive time resolution 881



### Cluster time vs energy882



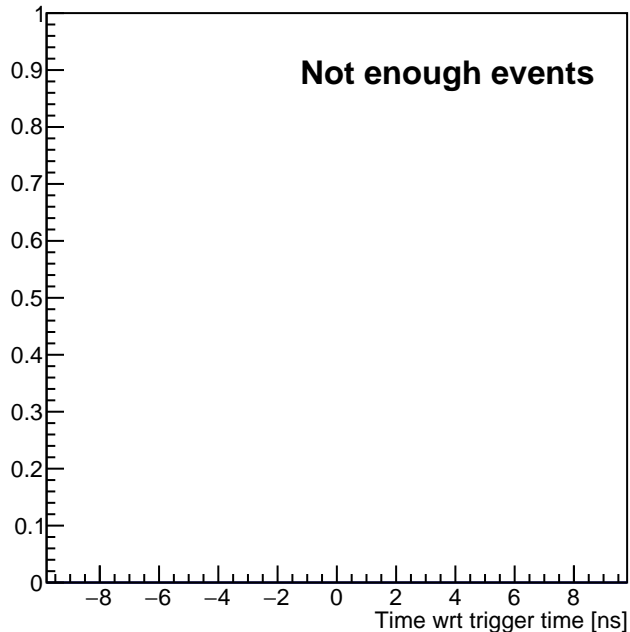
### Primitive time resolution 882



### Cluster time vs energy885



### Primitive time resolution 885



### Cluster time vs energy886



### Primitive time resolution 886



### Cluster time vs energy887



### Primitive time resolution 887



### Cluster time vs energy888



### Primitive time resolution 888





### Cluster time vs energy889



### Primitive time resolution 889



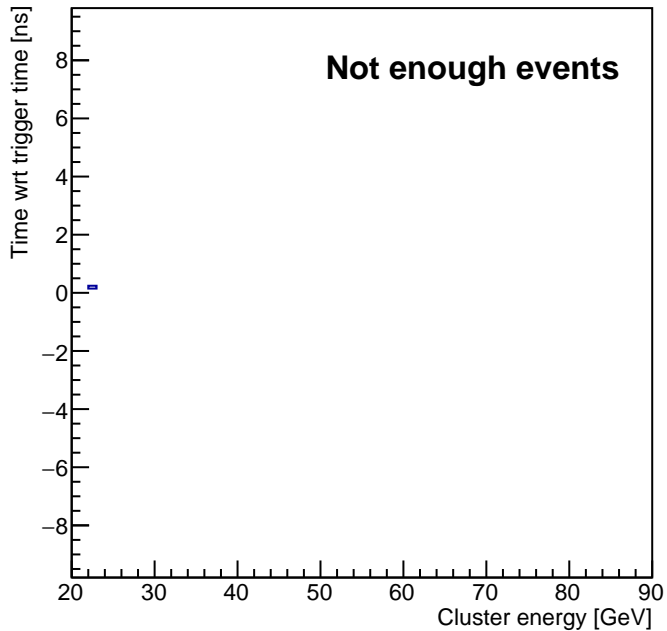
### Cluster time vs energy890



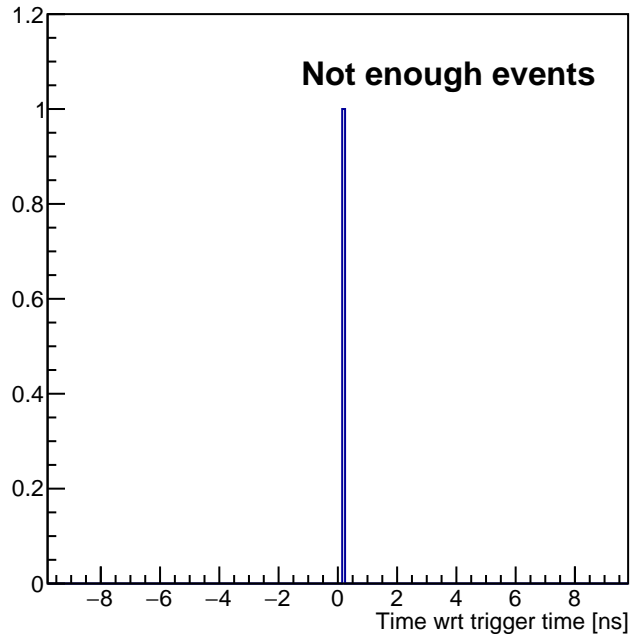
### Primitive time resolution 890



### Cluster time vs energy891



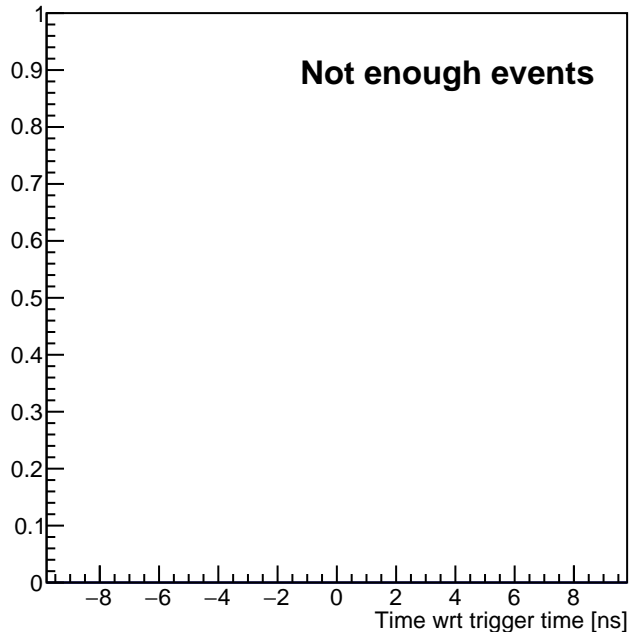
### Primitive time resolution 891



### Cluster time vs energy892



### Primitive time resolution 892



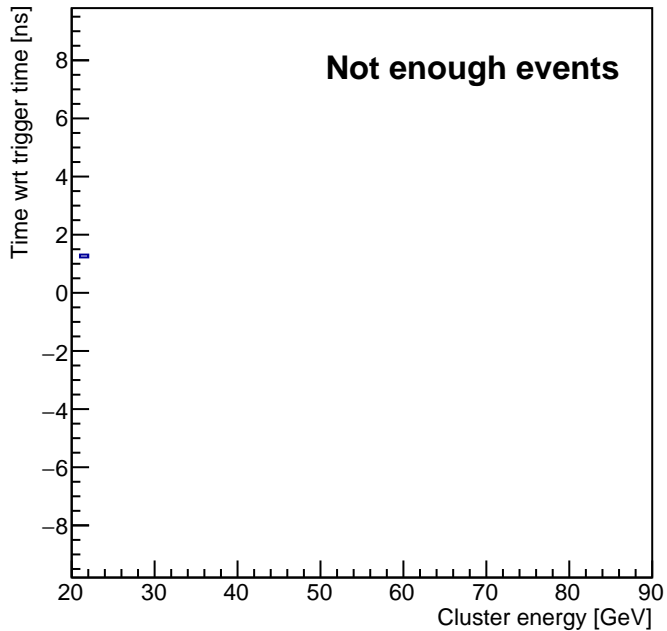
### Cluster time vs energy893



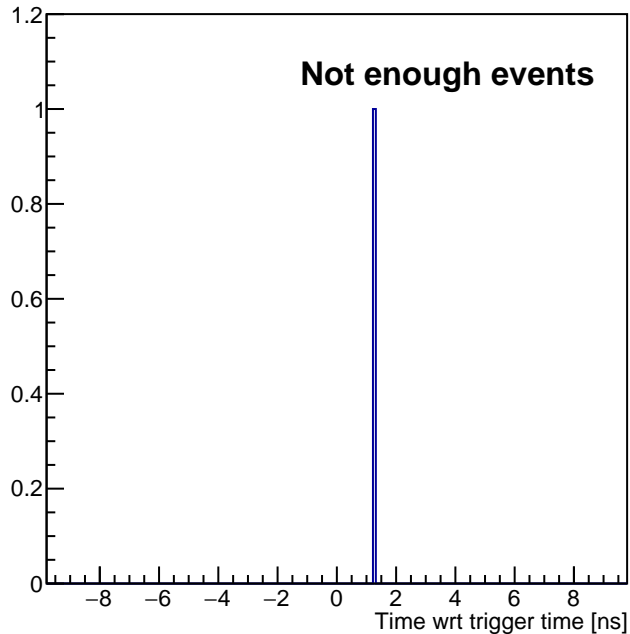
### Primitive time resolution 893



### Cluster time vs energy894



### Primitive time resolution 894



### Cluster time vs energy895



### Primitive time resolution 895



### Cluster time vs energy896

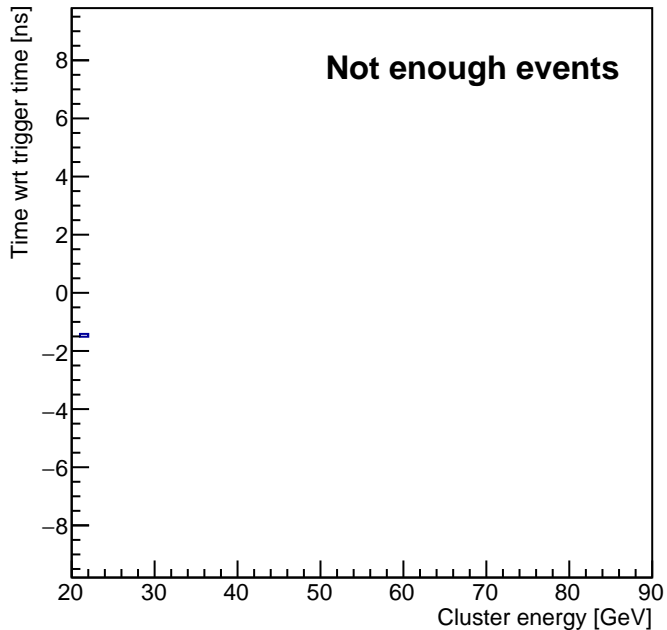


### Primitive time resolution 896

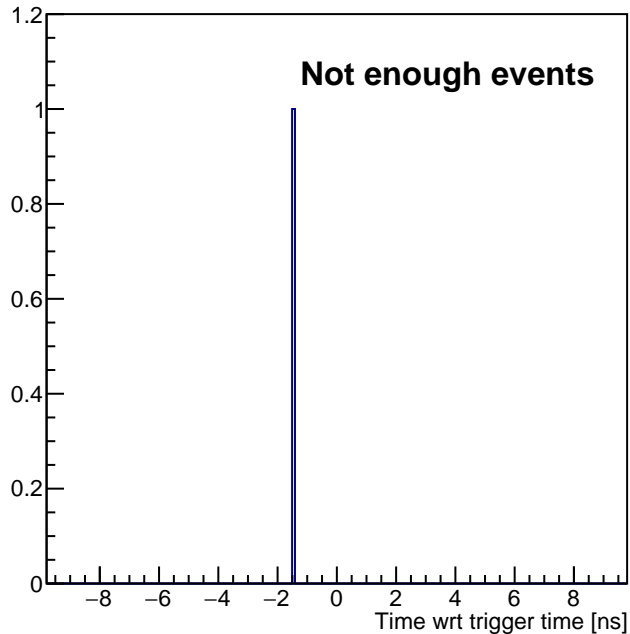




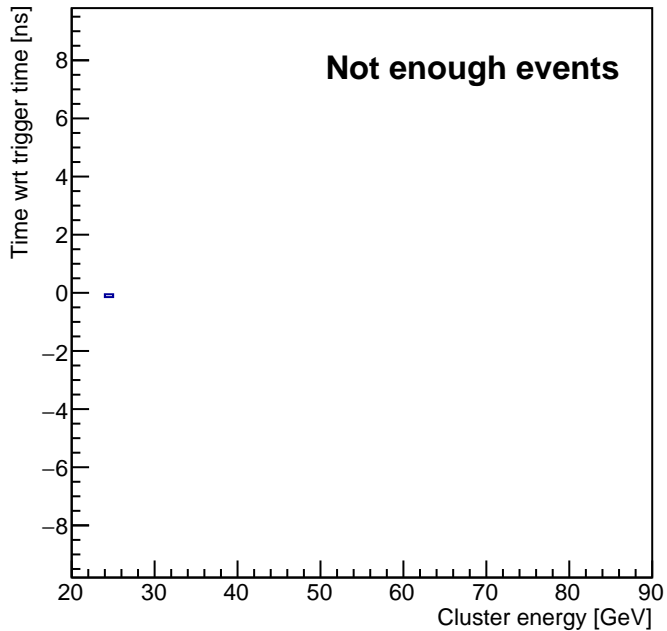
### Cluster time vs energy897



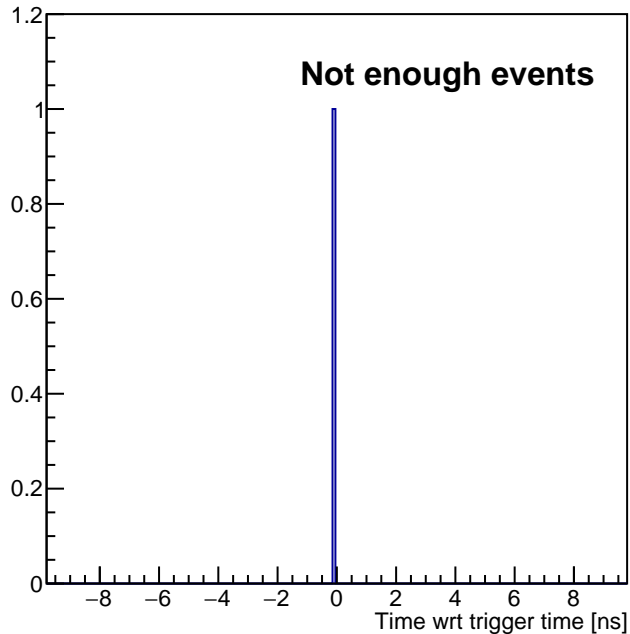
### Primitive time resolution 897



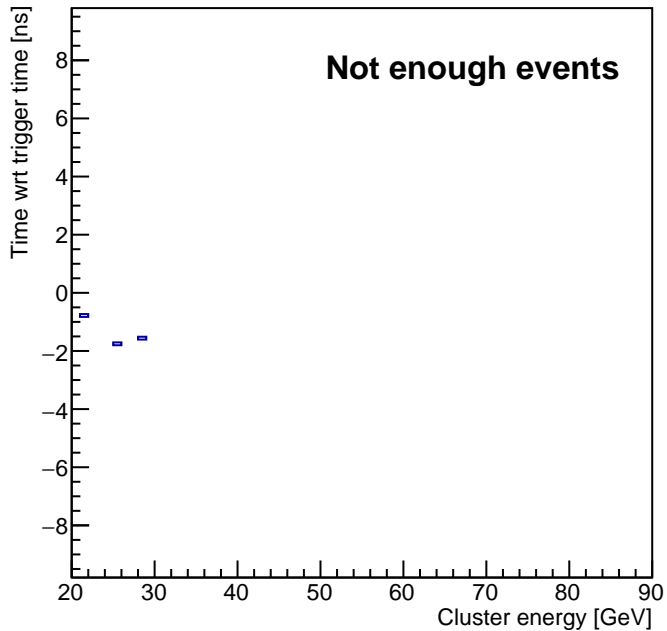
### Cluster time vs energy898



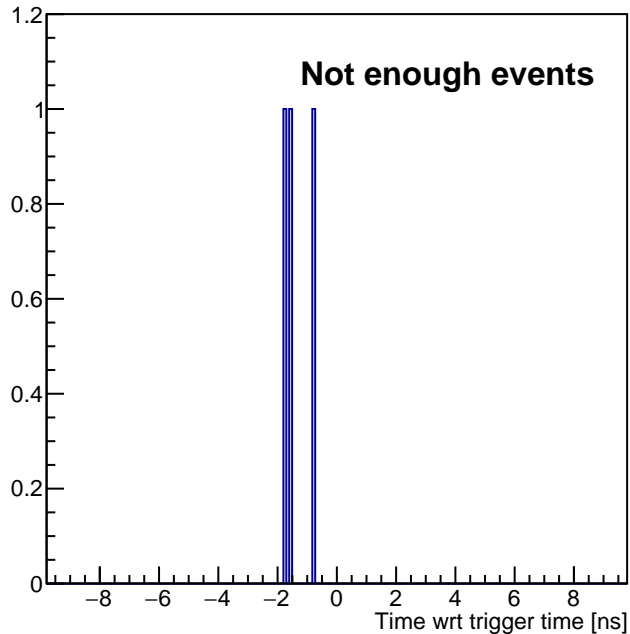
### Primitive time resolution 898



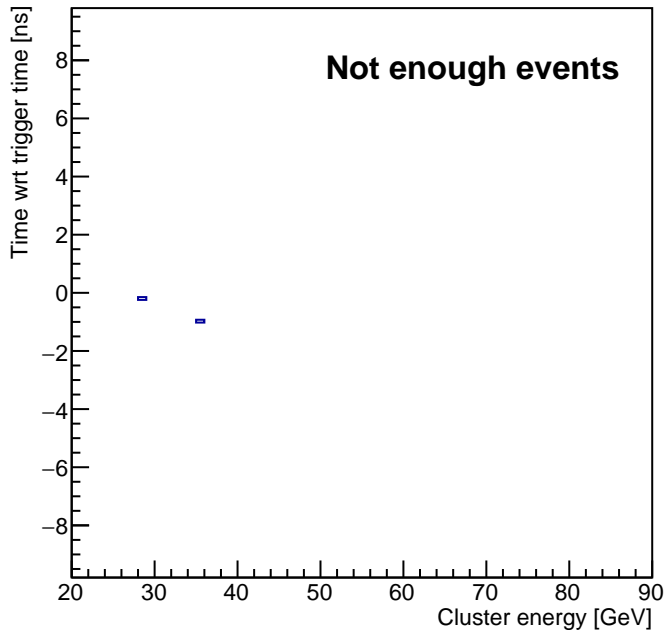
### Cluster time vs energy899



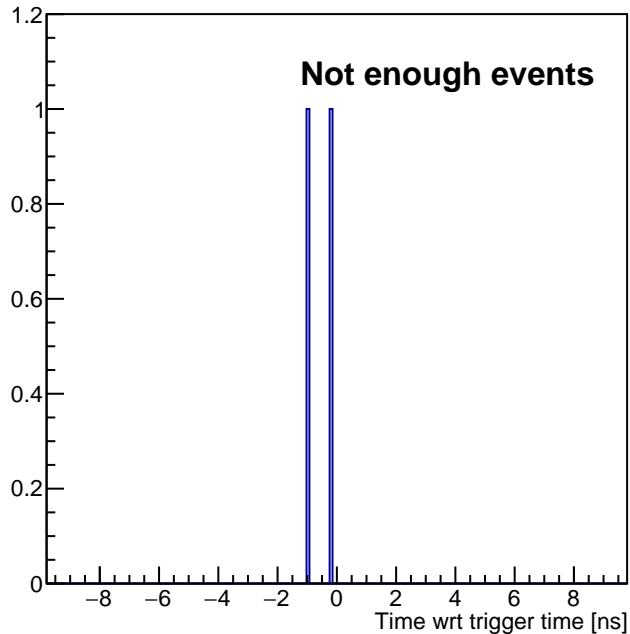
### Primitive time resolution 899



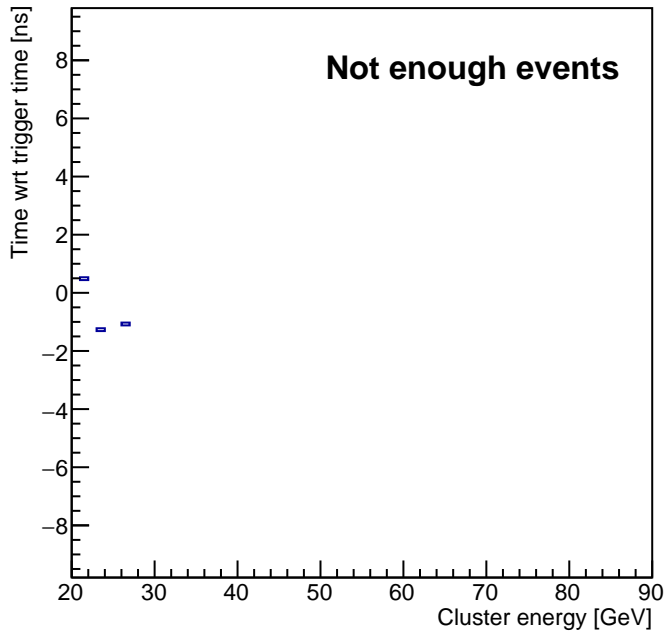
### Cluster time vs energy900



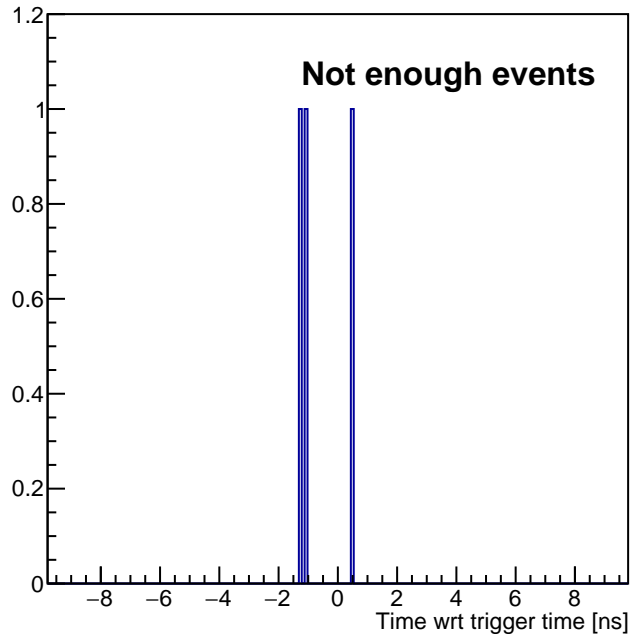
### Primitive time resolution 900



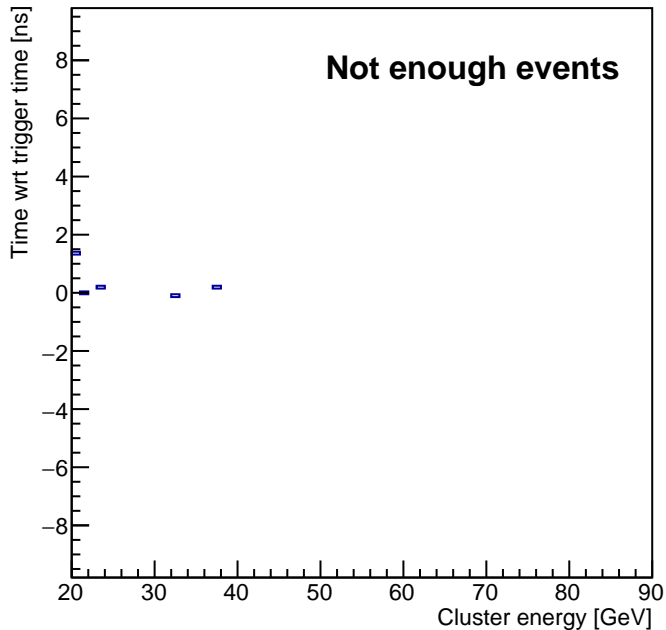
### Cluster time vs energy901



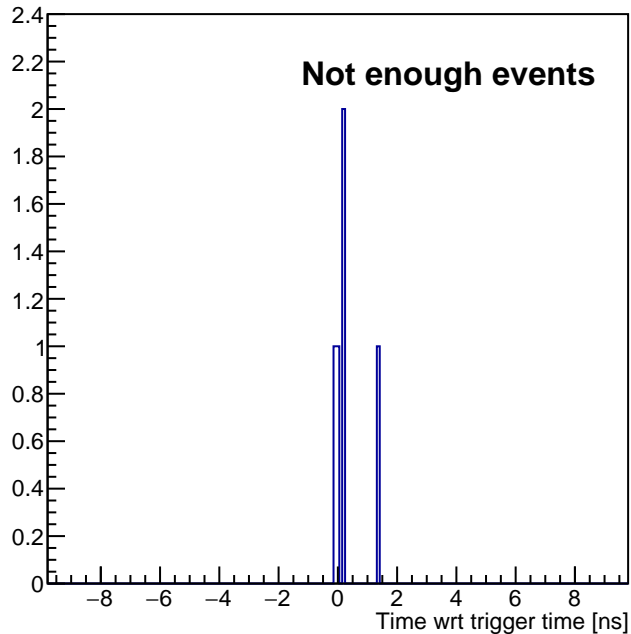
### Primitive time resolution 901



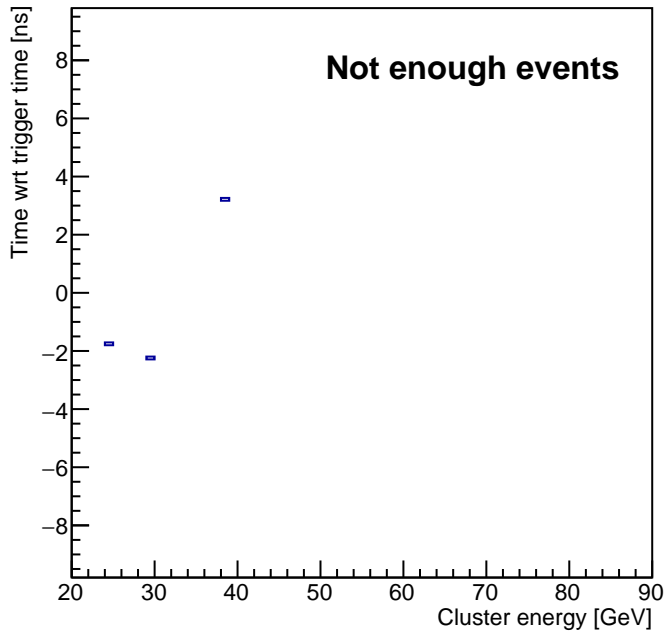
### Cluster time vs energy902



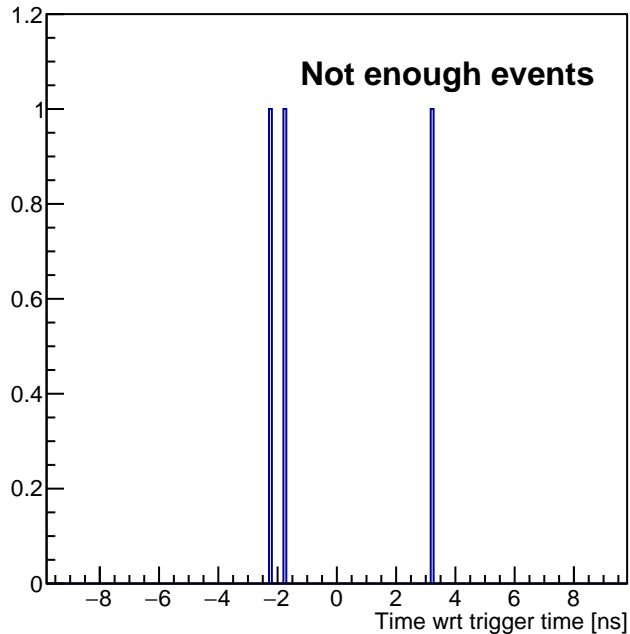
### Primitive time resolution 902



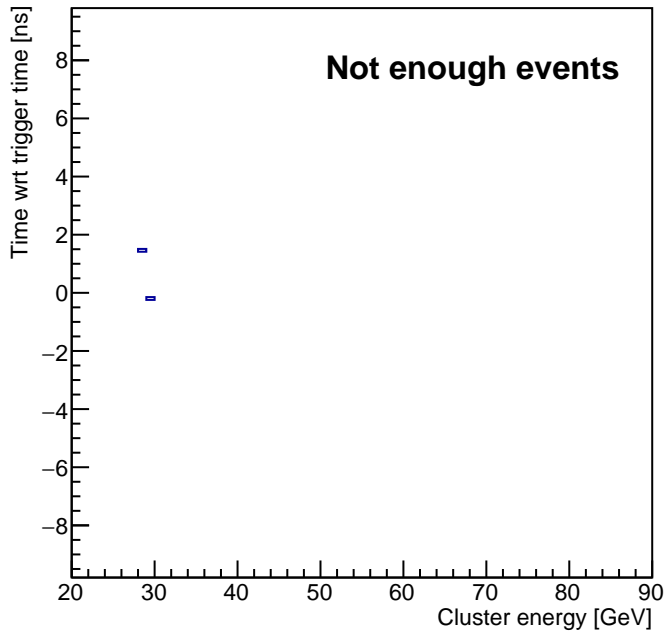
### Cluster time vs energy903



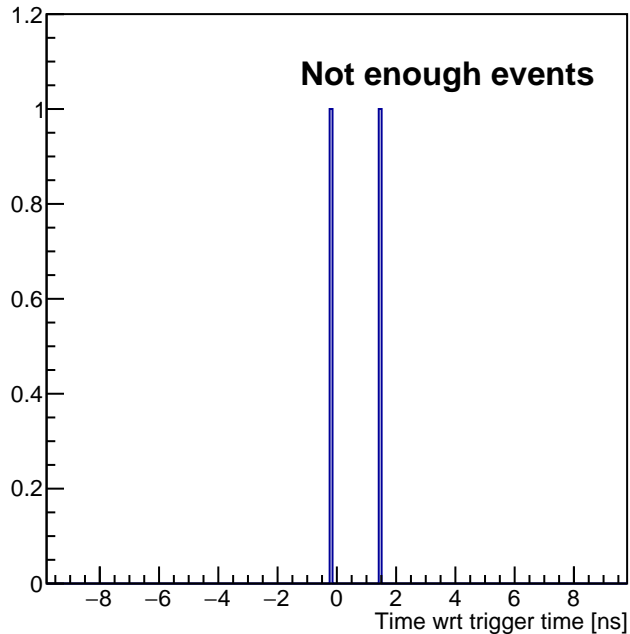
### Primitive time resolution 903



### Cluster time vs energy904

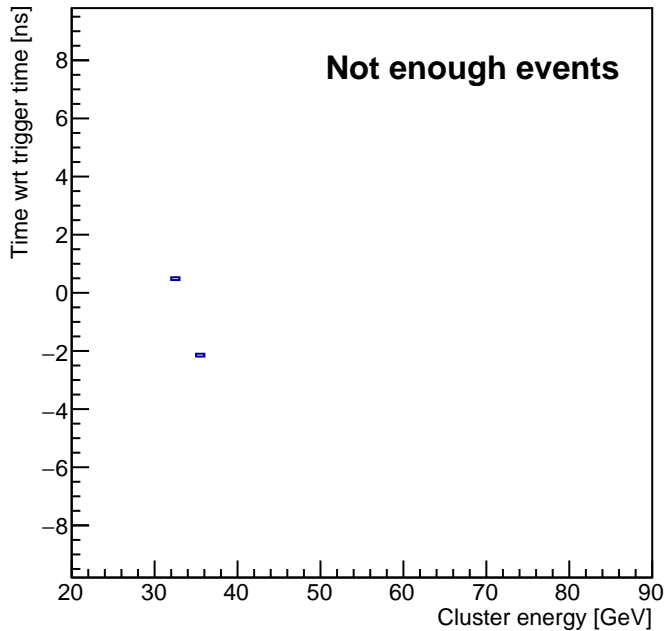


### Primitive time resolution 904

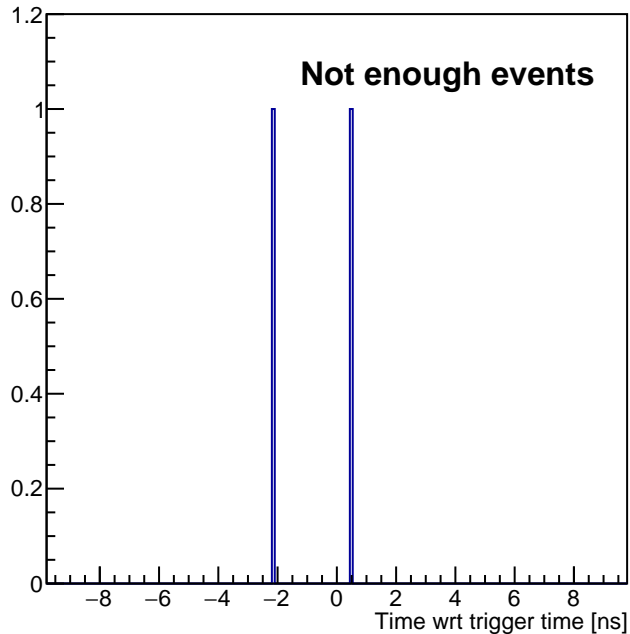




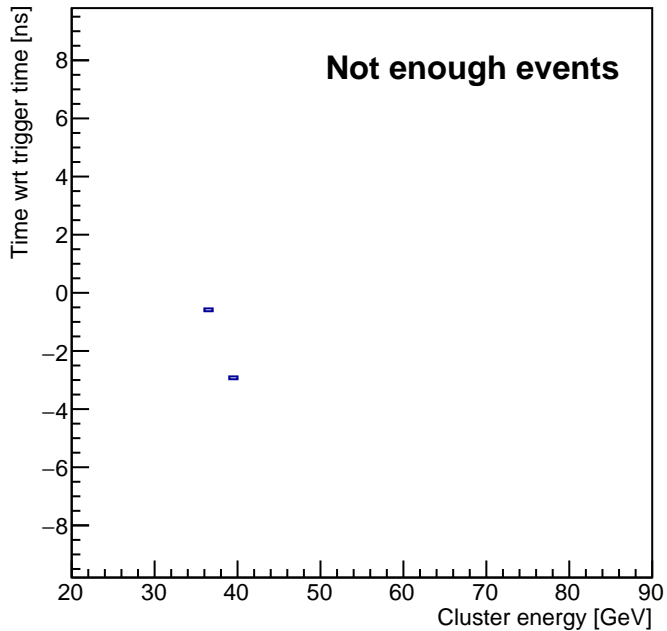
### Cluster time vs energy905



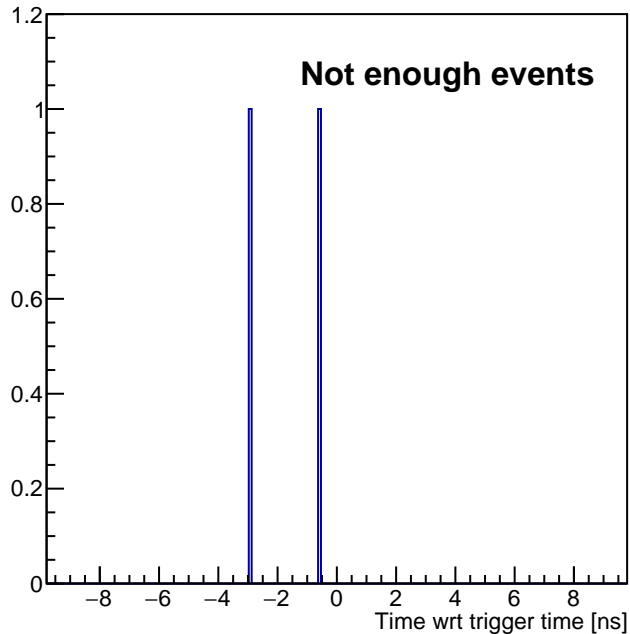
### Primitive time resolution 905



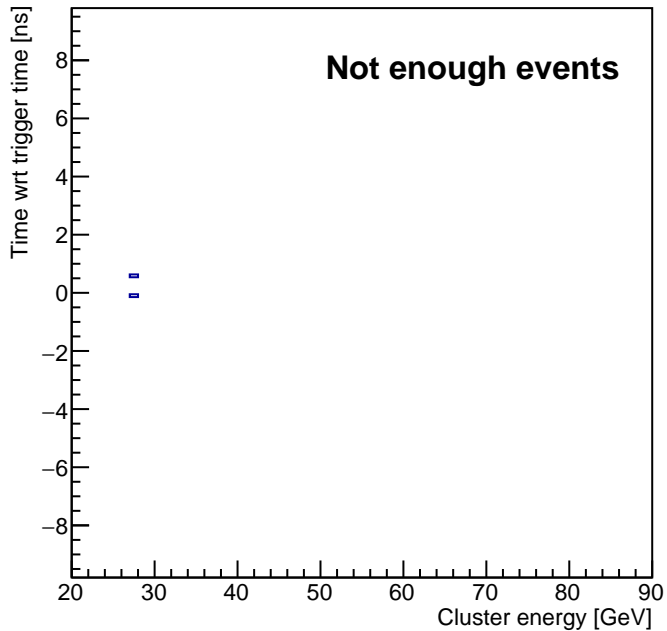
### Cluster time vs energy906



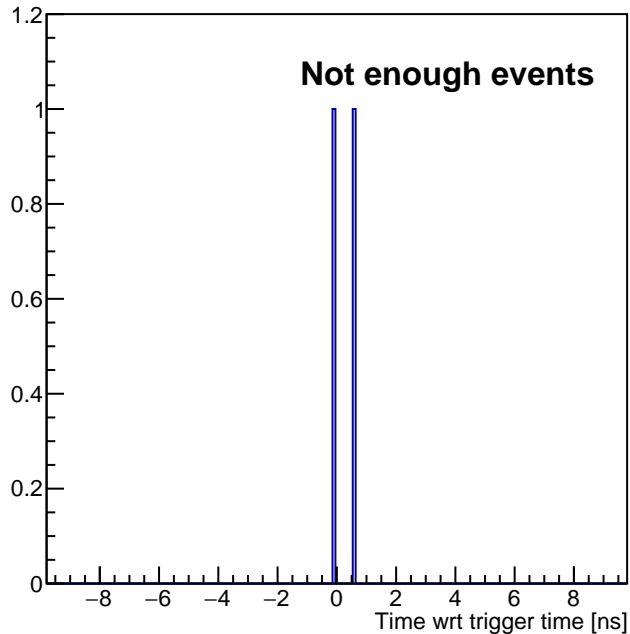
### Primitive time resolution 906



### Cluster time vs energy907



### Primitive time resolution 907



### Cluster time vs energy908



### Primitive time resolution 908



### Cluster time vs energy909



### Primitive time resolution 909



### Cluster time vs energy910



### Primitive time resolution 910



### Cluster time vs energy911



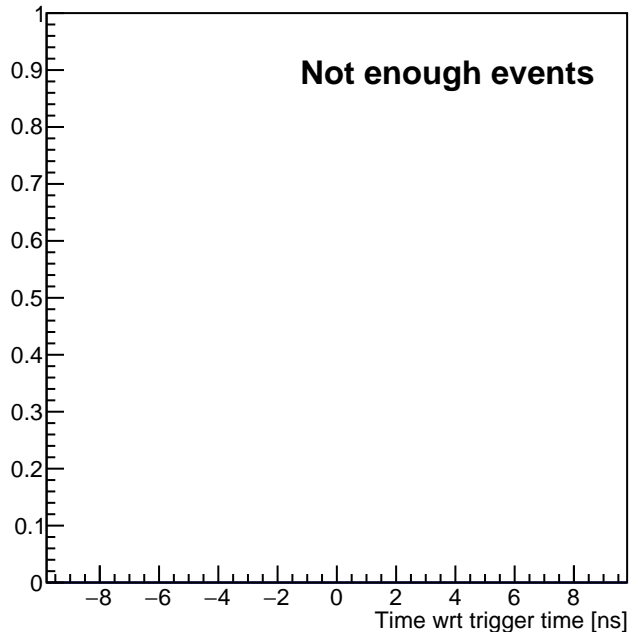
### Primitive time resolution 911



### Cluster time vs energy912



### Primitive time resolution 912





### Cluster time vs energy913



### Primitive time resolution 913



### Cluster time vs energy914



### Primitive time resolution 914



### Cluster time vs energy915



### Primitive time resolution 915



### Cluster time vs energy916



### Primitive time resolution 916



### Cluster time vs energy919



### Primitive time resolution 919



### Cluster time vs energy920



### Primitive time resolution 920



### Cluster time vs energy921



### Primitive time resolution 921



### Cluster time vs energy922



### Primitive time resolution 922





### Cluster time vs energy923



### Primitive time resolution 923



### Cluster time vs energy924



### Primitive time resolution 924



### Cluster time vs energy925



### Primitive time resolution 925



### Cluster time vs energy926



### Primitive time resolution 926



### Cluster time vs energy927



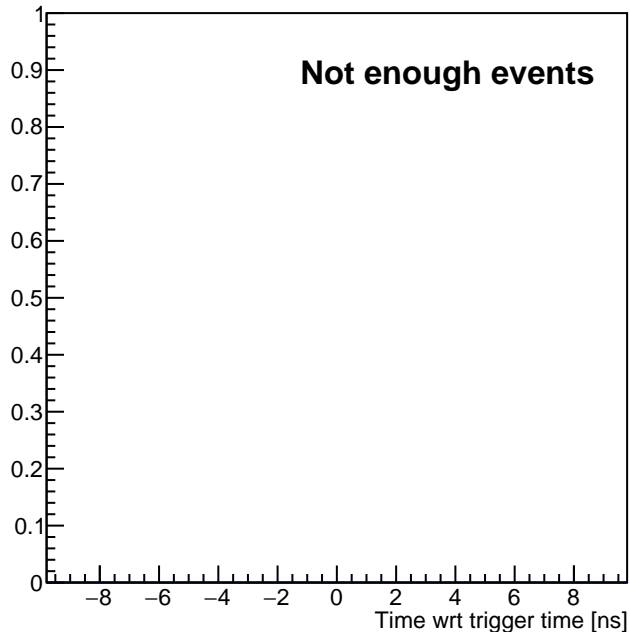
### Primitive time resolution 927



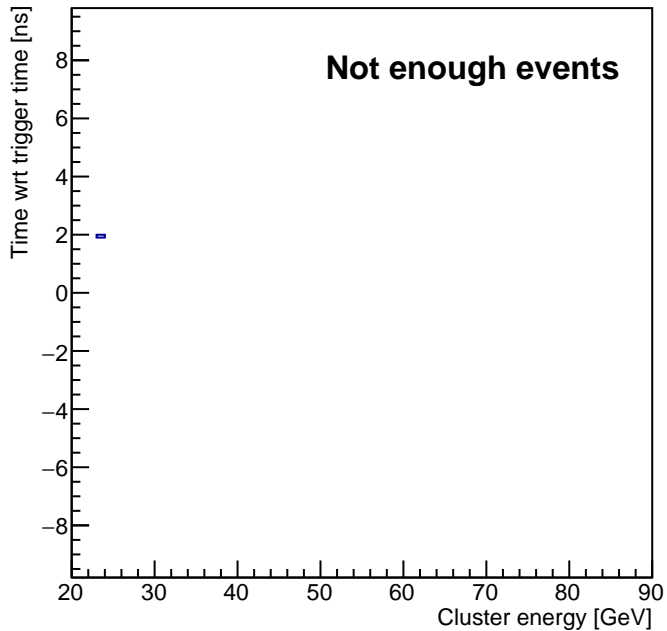
### Cluster time vs energy928



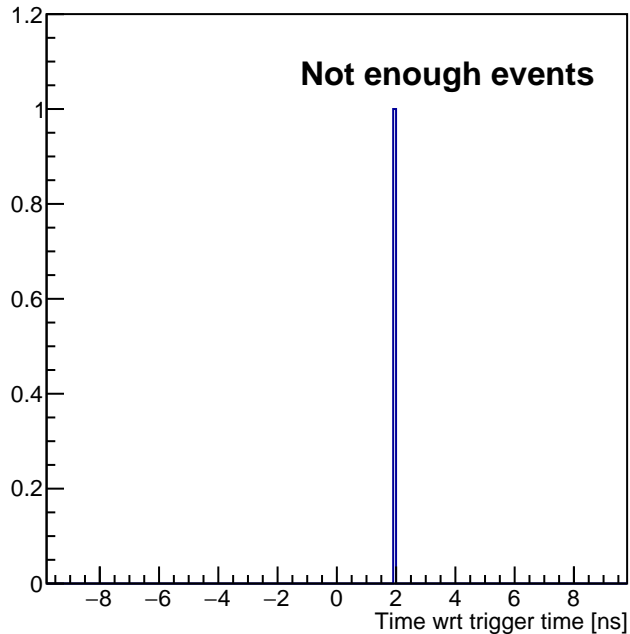
### Primitive time resolution 928



### Cluster time vs energy929



### Primitive time resolution 929



### Cluster time vs energy930



### Primitive time resolution 930





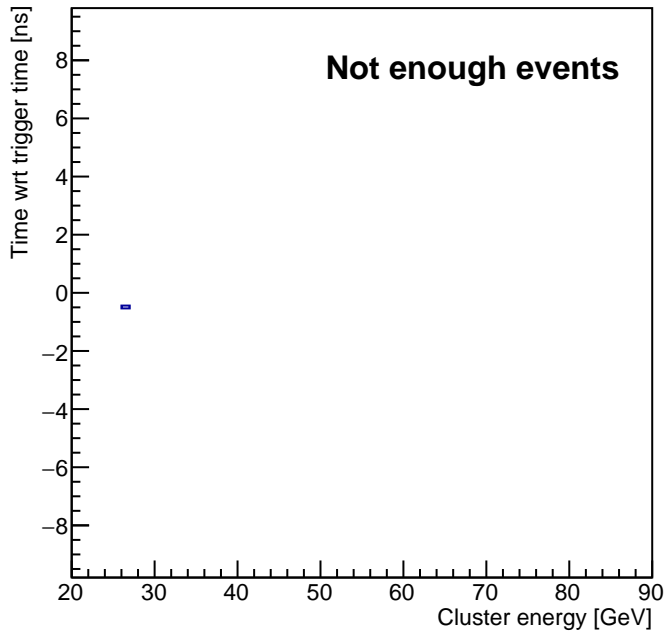
Cluster time vs energy931



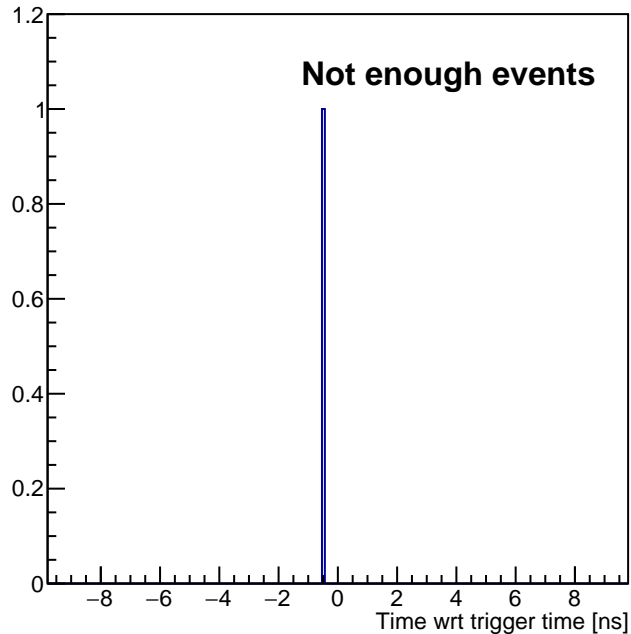
Primitive time resolution 931



### Cluster time vs energy932



### Primitive time resolution 932



### Cluster time vs energy933



### Primitive time resolution 933



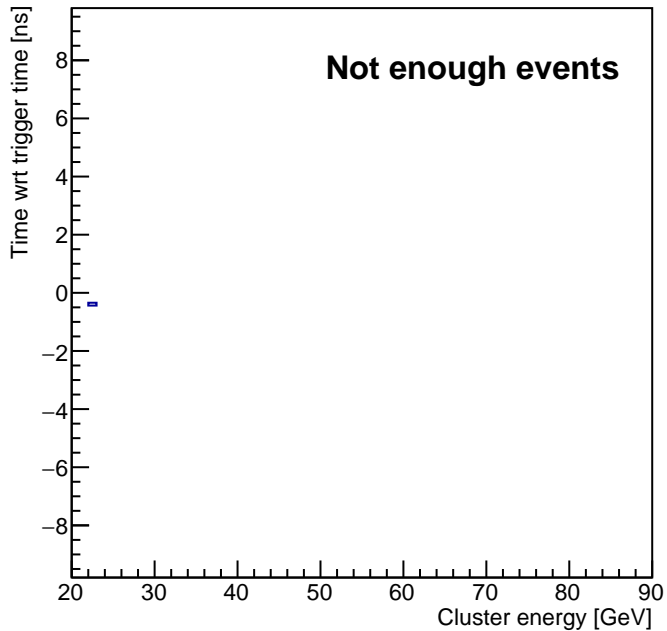
### Cluster time vs energy934



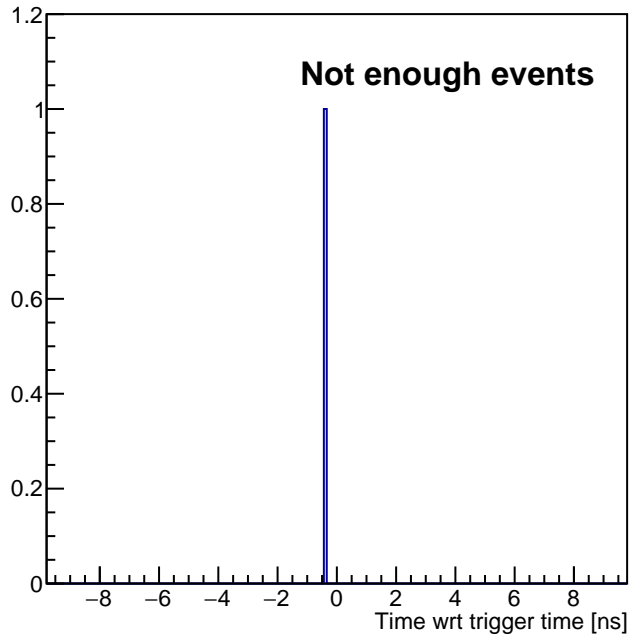
### Primitive time resolution 934



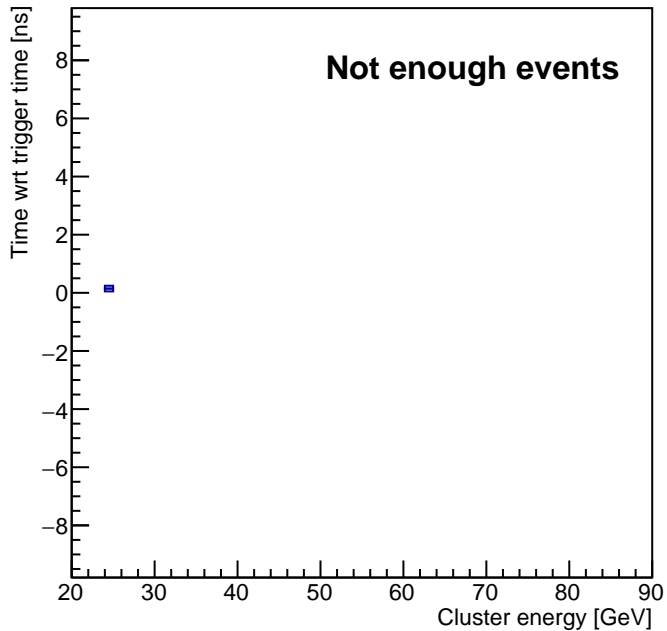
### Cluster time vs energy935



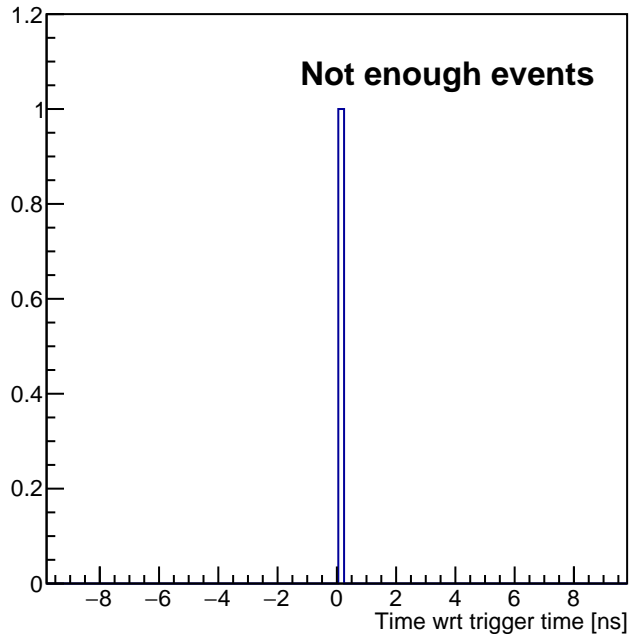
### Primitive time resolution 935



### Cluster time vs energy936



### Primitive time resolution 936



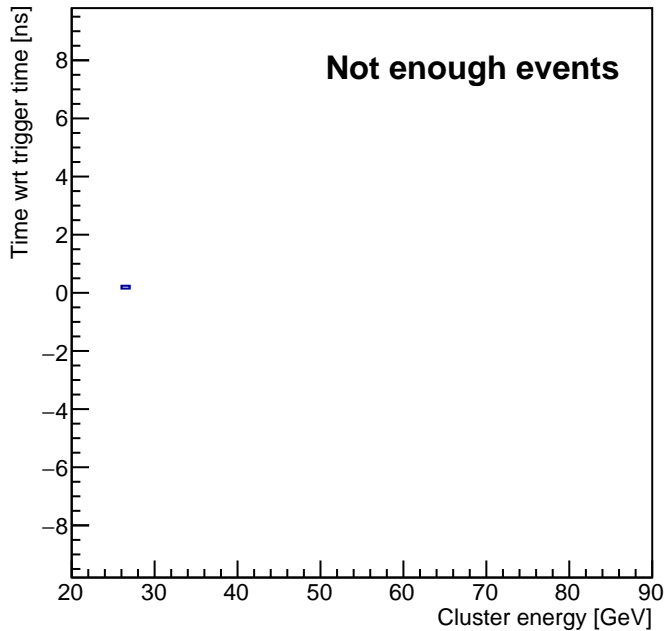
### Cluster time vs energy937



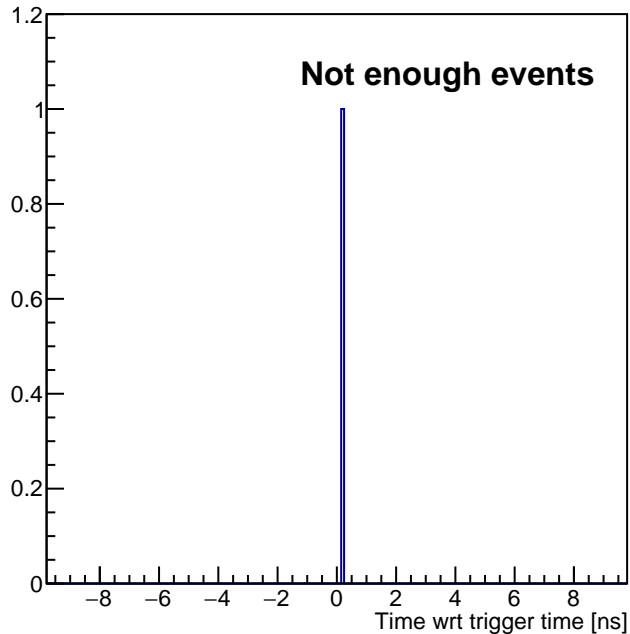
### Primitive time resolution 937



### Cluster time vs energy938



### Primitive time resolution 938





### Cluster time vs energy939



### Primitive time resolution 939



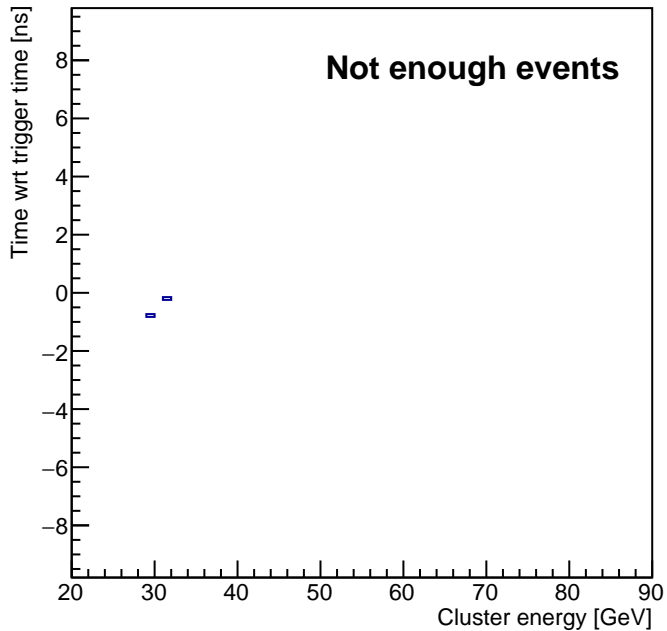
### Cluster time vs energy940



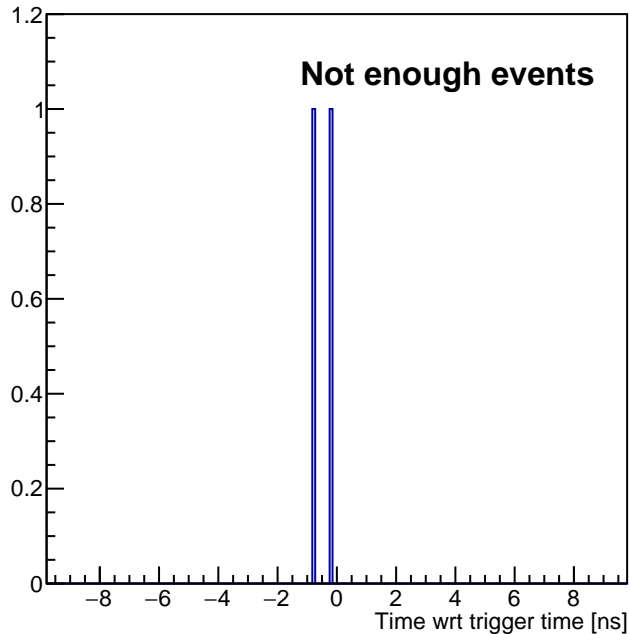
### Primitive time resolution 940



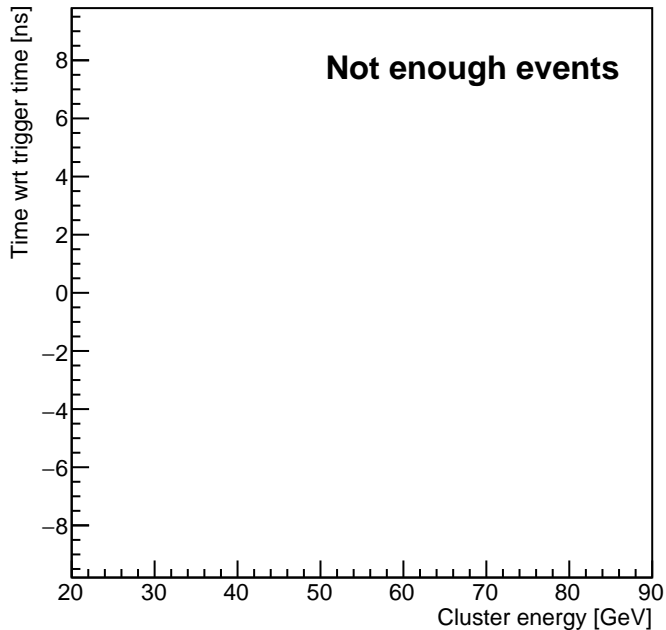
### Cluster time vs energy941



### Primitive time resolution 941



### Cluster time vs energy942



### Primitive time resolution 942



### Cluster time vs energy943



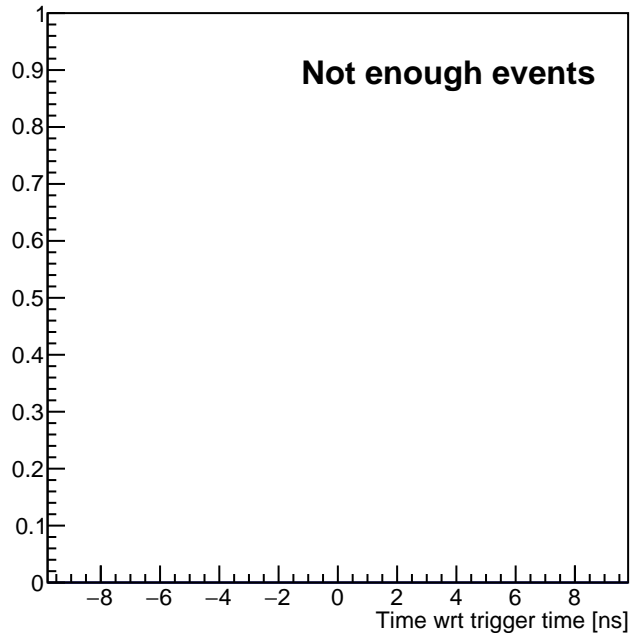
### Primitive time resolution 943



### Cluster time vs energy944



### Primitive time resolution 944



### Cluster time vs energy945



### Primitive time resolution 945



### Cluster time vs energy946



### Primitive time resolution 946





### Cluster time vs energy947



### Primitive time resolution 947



Cluster time vs energy948



Primitive time resolution 948



### Cluster time vs energy949



### Primitive time resolution 949



### Cluster time vs energy950



### Primitive time resolution 950



### Cluster time vs energy953



### Primitive time resolution 953



### Cluster time vs energy954



### Primitive time resolution 954



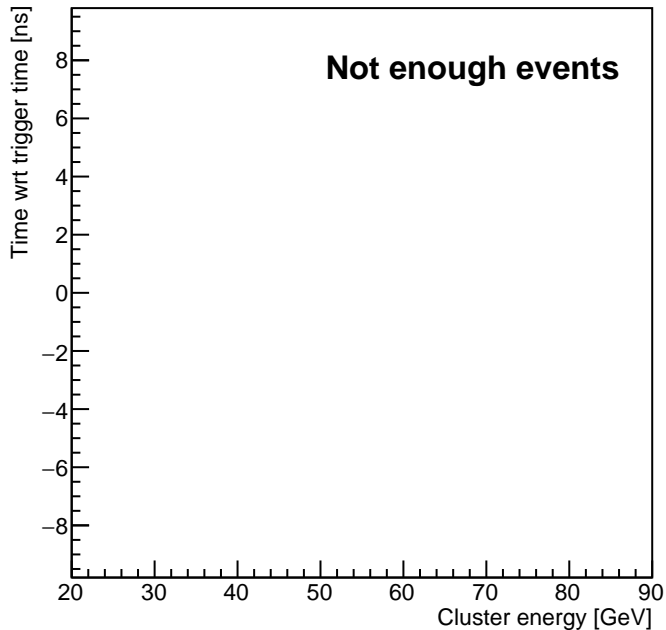
Cluster time vs energy955



Primitive time resolution 955



### Cluster time vs energy956



### Primitive time resolution 956

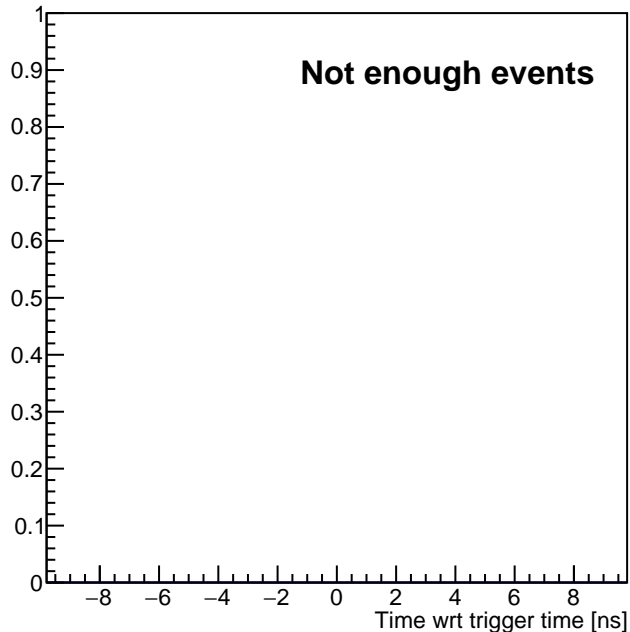




### Cluster time vs energy957



### Primitive time resolution 957



### Cluster time vs energy958



### Primitive time resolution 958



### Cluster time vs energy959



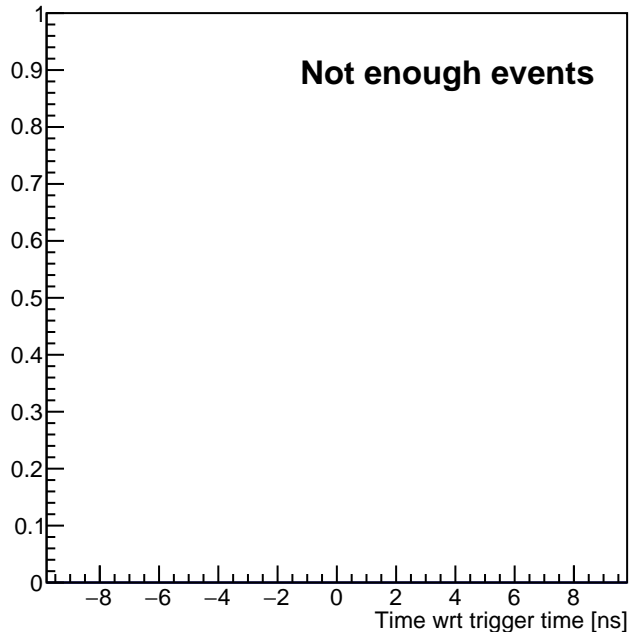
### Primitive time resolution 959



### Cluster time vs energy960



### Primitive time resolution 960



### Cluster time vs energy961



### Primitive time resolution 961



### Cluster time vs energy962



### Primitive time resolution 962



### Cluster time vs energy963



### Primitive time resolution 963



### Cluster time vs energy964



### Primitive time resolution 964





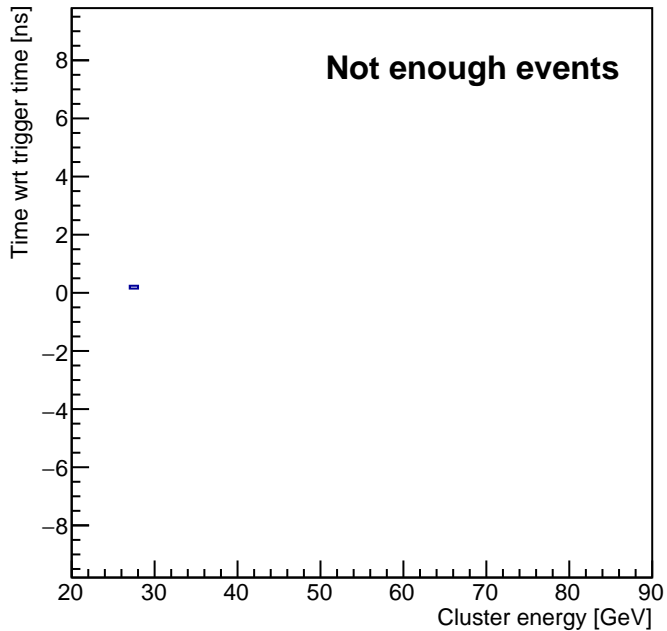
### Cluster time vs energy965



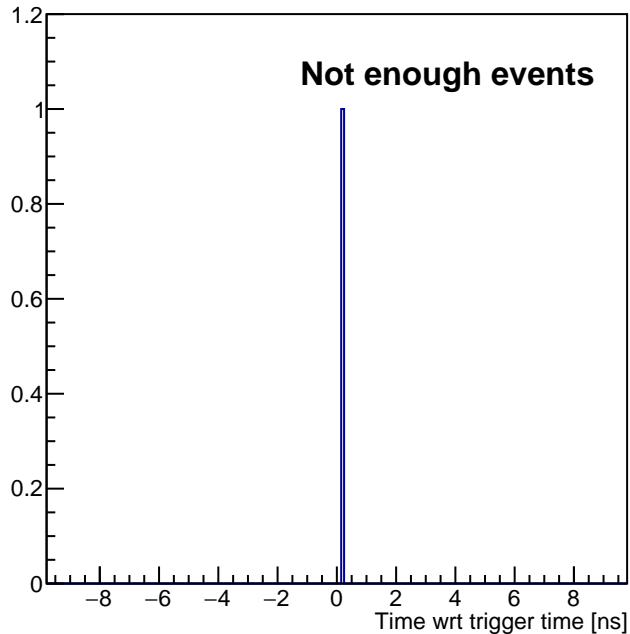
### Primitive time resolution 965



### Cluster time vs energy966



### Primitive time resolution 966



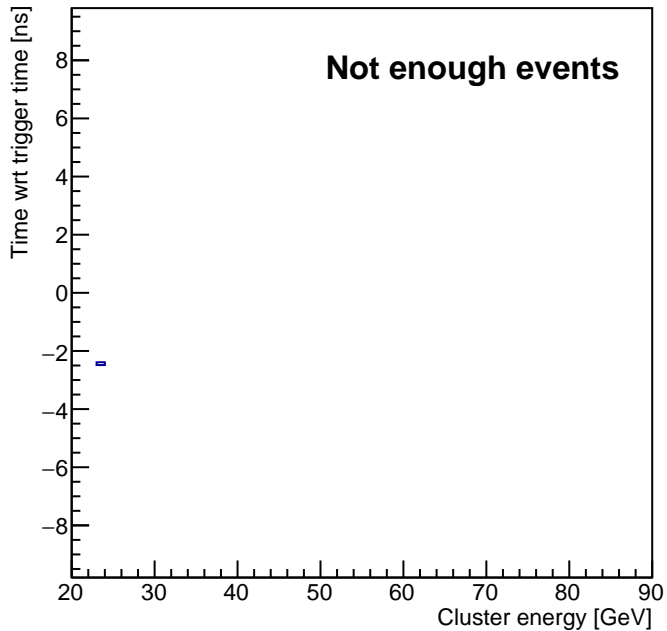
### Cluster time vs energy967



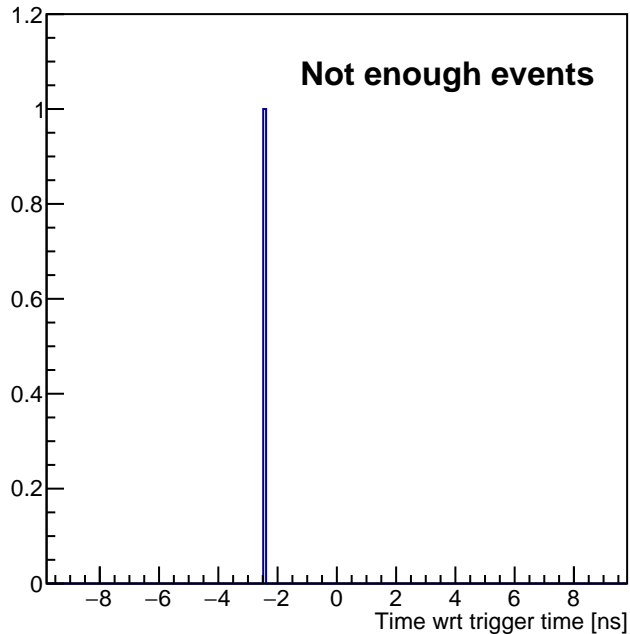
### Primitive time resolution 967



### Cluster time vs energy968



### Primitive time resolution 968



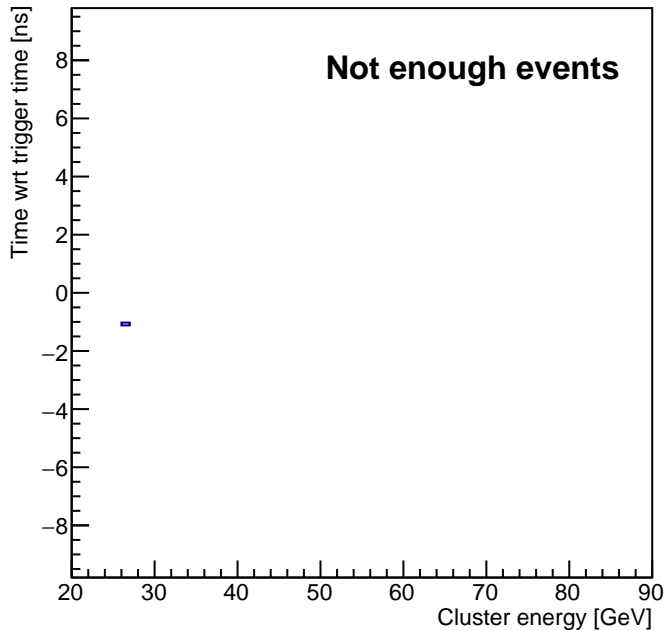
### Cluster time vs energy969



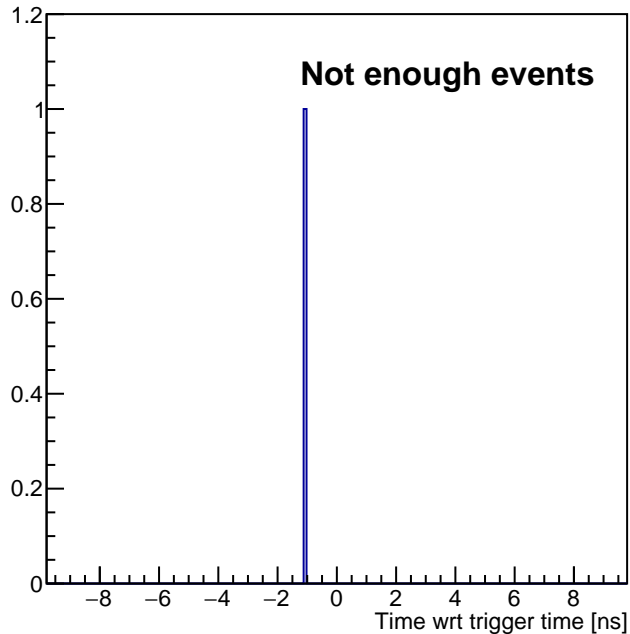
### Primitive time resolution 969



### Cluster time vs energy970



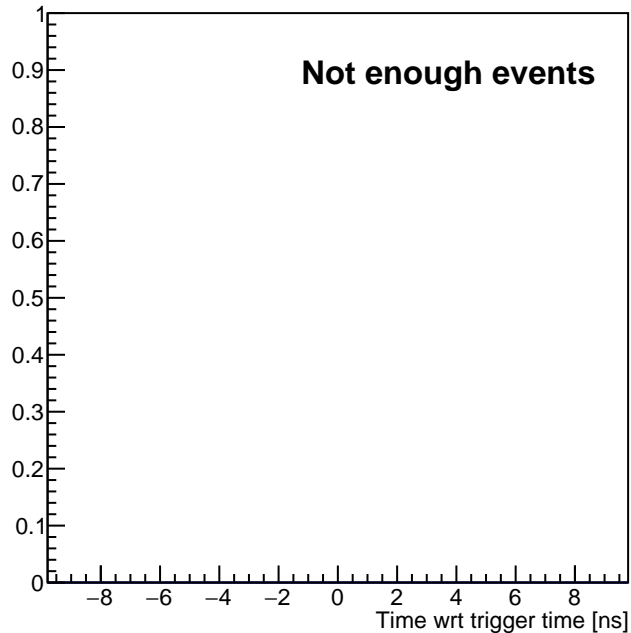
### Primitive time resolution 970



### Cluster time vs energy971



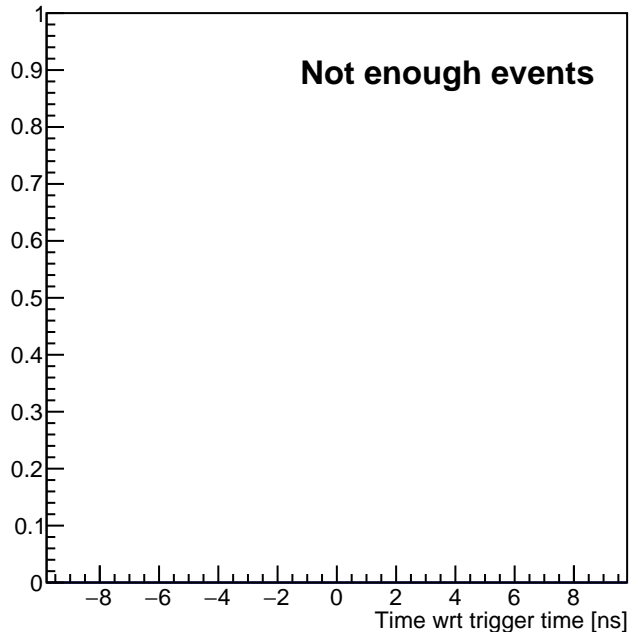
### Primitive time resolution 971



### Cluster time vs energy972

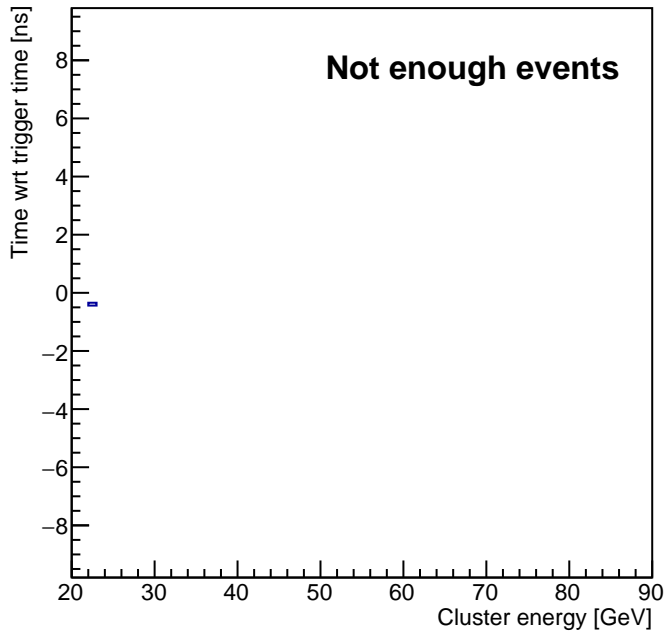


### Primitive time resolution 972

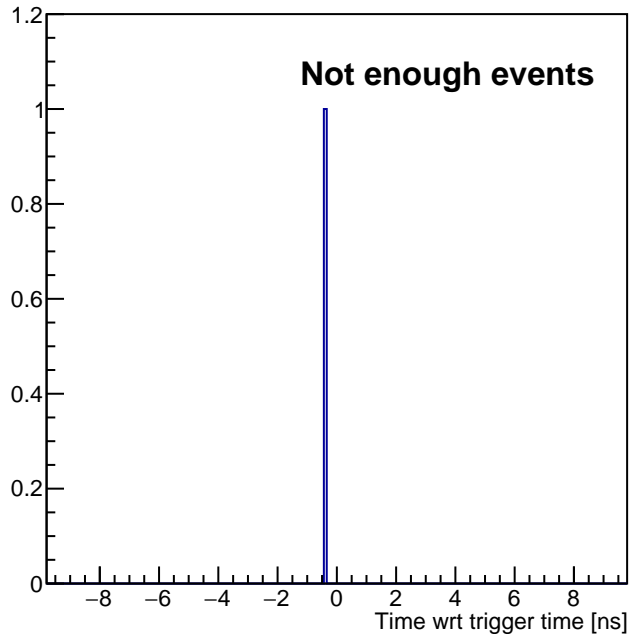




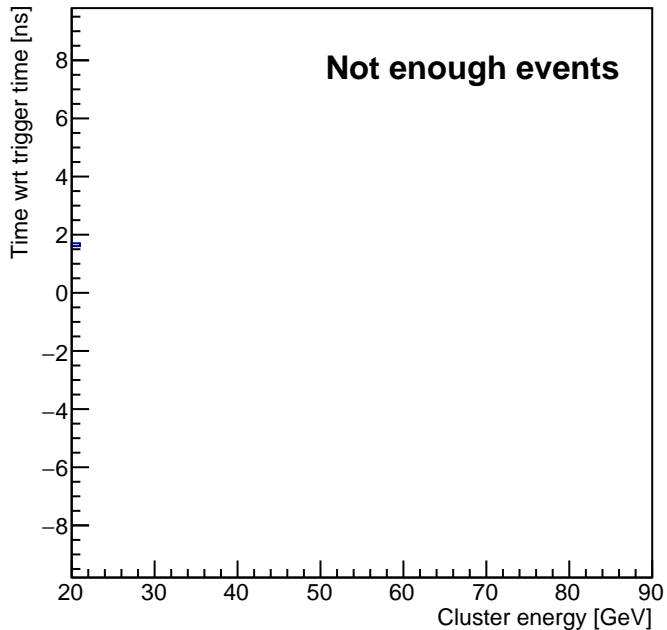
### Cluster time vs energy973



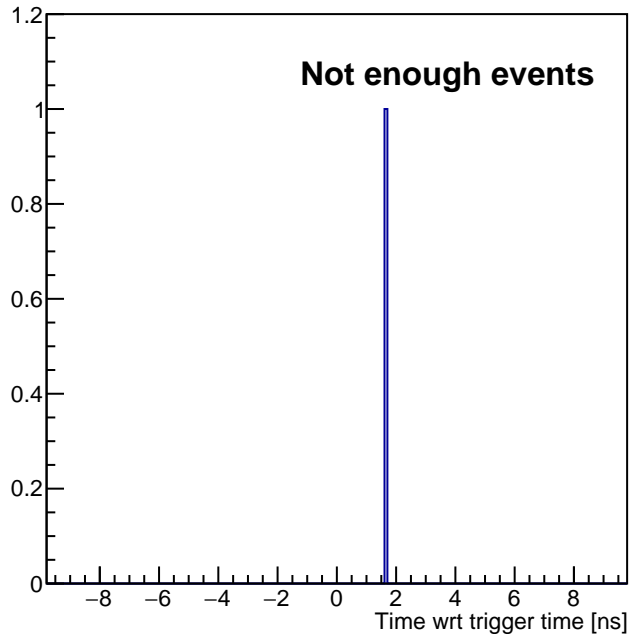
### Primitive time resolution 973



### Cluster time vs energy974



### Primitive time resolution 974



### Cluster time vs energy975



### Primitive time resolution 975



### Cluster time vs energy976



### Primitive time resolution 976



### Cluster time vs energy977



### Primitive time resolution 977



### Cluster time vs energy978



### Primitive time resolution 978



### Cluster time vs energy979



### Primitive time resolution 979



### Cluster time vs energy980



### Primitive time resolution 980





### Cluster time vs energy981



### Primitive time resolution 981



Cluster time vs energy982



Primitive time resolution 982



### Cluster time vs energy983



### Primitive time resolution 983



### Cluster time vs energy984



### Primitive time resolution 984



### Cluster time vs energy987



### Primitive time resolution 987



Cluster time vs energy988



Primitive time resolution 988



### Cluster time vs energy989



### Primitive time resolution 989



### Cluster time vs energy990



### Primitive time resolution 990





### Cluster time vs energy991



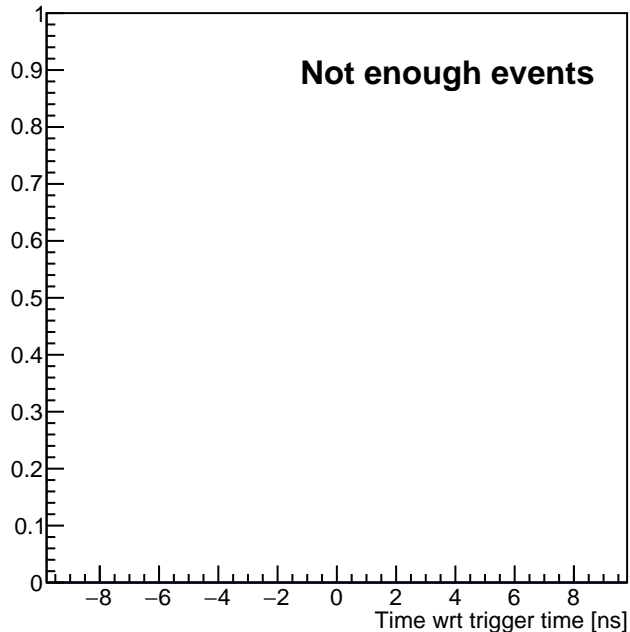
### Primitive time resolution 991



### Cluster time vs energy992



### Primitive time resolution 992



### Cluster time vs energy993



### Primitive time resolution 993



### Cluster time vs energy994



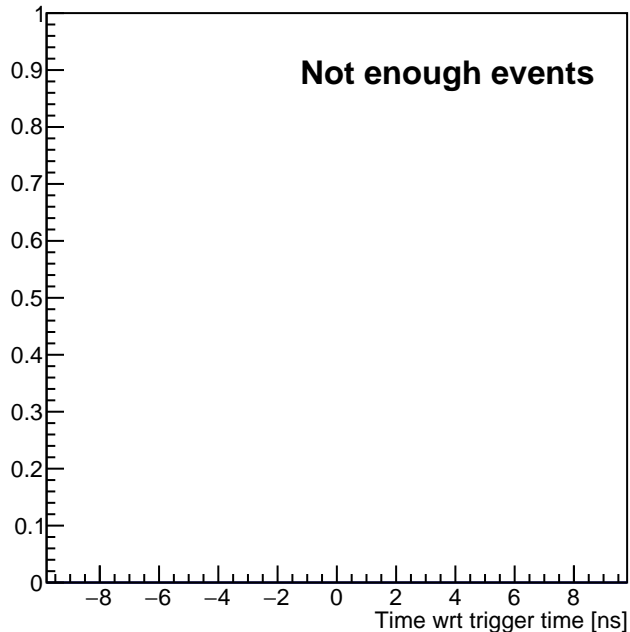
### Primitive time resolution 994



### Cluster time vs energy995



### Primitive time resolution 995



### Cluster time vs energy996



### Primitive time resolution 996



### Cluster time vs energy997



### Primitive time resolution 997



### Cluster time vs energy998



### Primitive time resolution 998





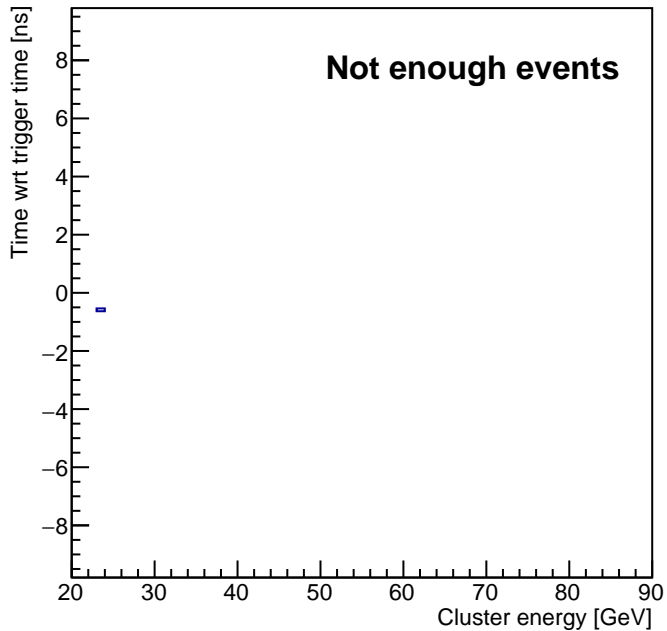
### Cluster time vs energy999



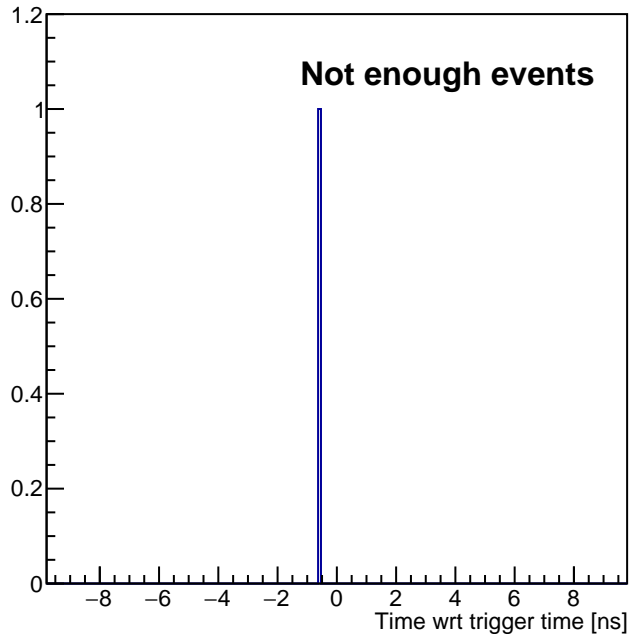
### Primitive time resolution 999



### Cluster time vs energy1000



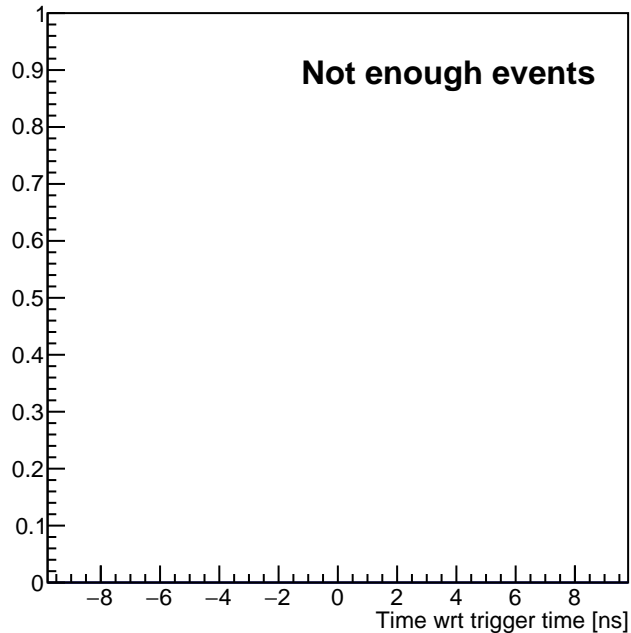
### Primitive time resolution 1000



### Cluster time vs energy1001



### Primitive time resolution 1001



### Cluster time vs energy1002



### Primitive time resolution 1002



Cluster time vs energy1003



Primitive time resolution 1003



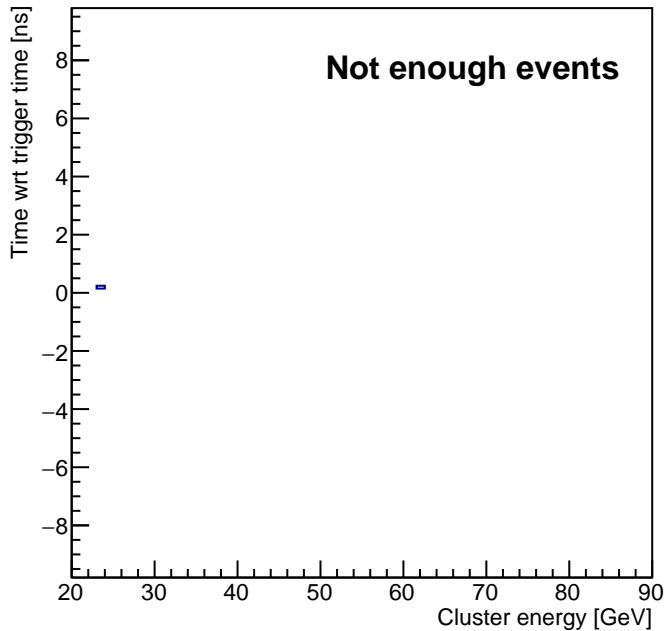
Cluster time vs energy1004



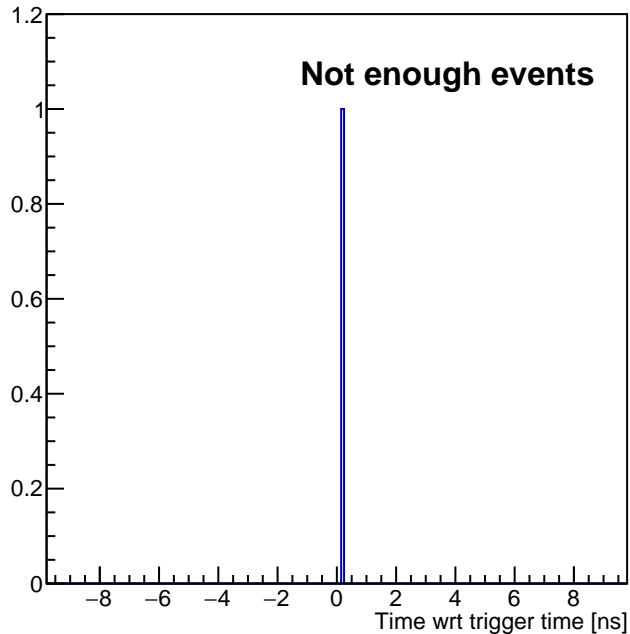
Primitive time resolution 1004



### Cluster time vs energy1005



### Primitive time resolution 1005



Cluster time vs energy1006



Primitive time resolution 1006

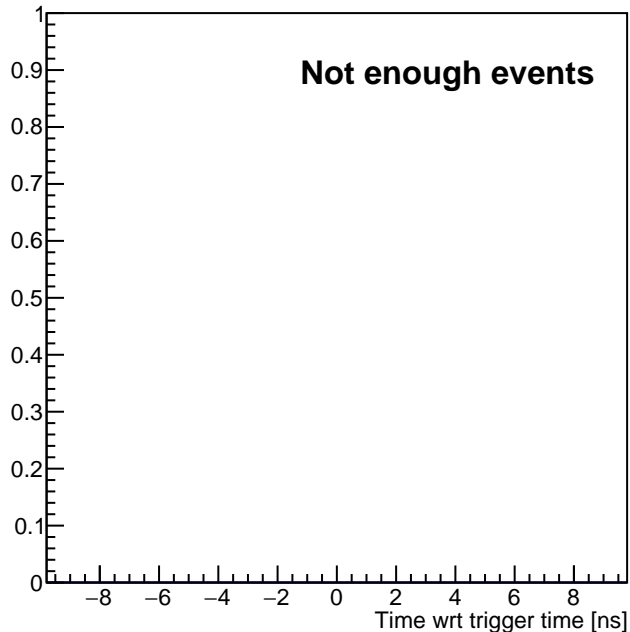




### Cluster time vs energy1007



### Primitive time resolution 1007



### Cluster time vs energy1008



### Primitive time resolution 1008



Cluster time vs energy1009



Primitive time resolution 1009



### Cluster time vs energy1010



### Primitive time resolution 1010



### Cluster time vs energy1011



### Primitive time resolution 1011



Cluster time vs energy1012



Primitive time resolution 1012



Cluster time vs energy1013



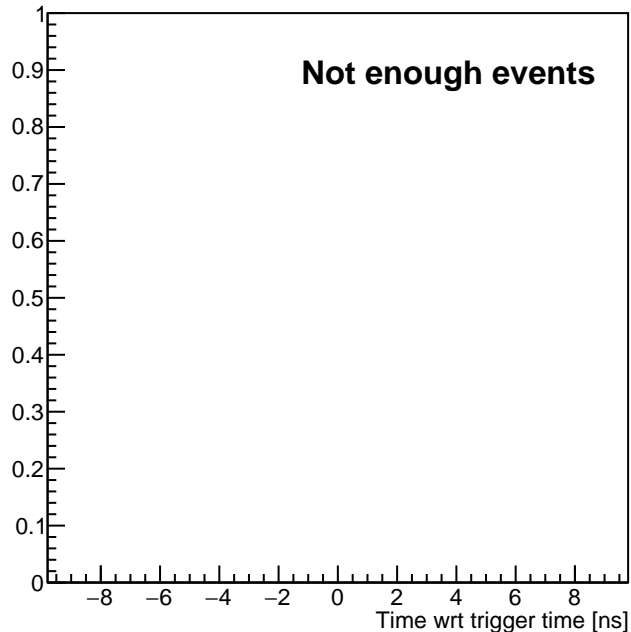
Primitive time resolution 1013



Cluster time vs energy1014



Primitive time resolution 1014





### Cluster time vs energy1015



### Primitive time resolution 1015



Cluster time vs energy1016



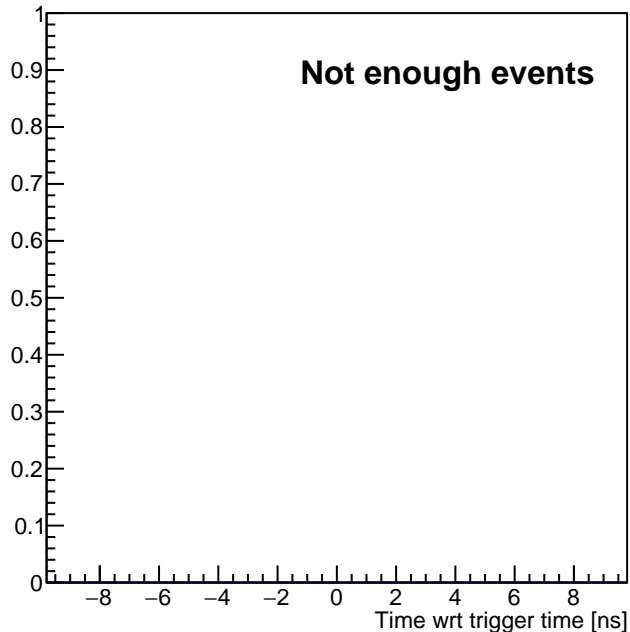
Primitive time resolution 1016



Cluster time vs energy1017



Primitive time resolution 1017



### Cluster time vs energy1018



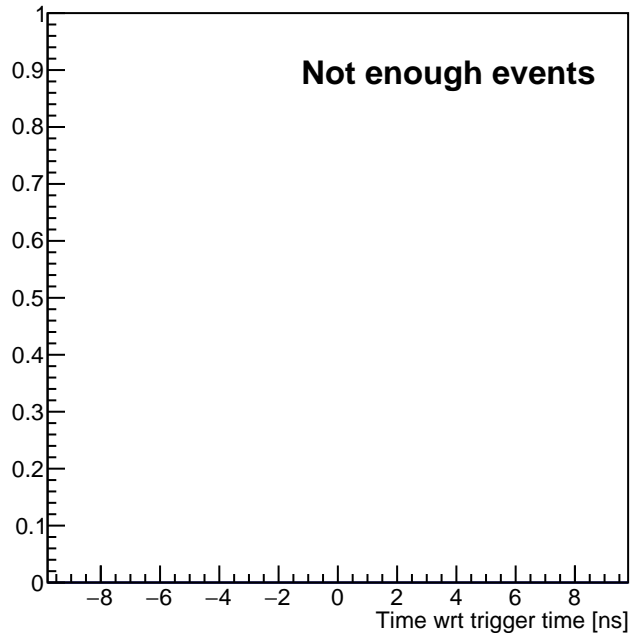
### Primitive time resolution 1018



### Cluster time vs energy1021



### Primitive time resolution 1021



### Cluster time vs energy1022



### Primitive time resolution 1022



Cluster time vs energy1023



Primitive time resolution 1023



Cluster time vs energy1024



Primitive time resolution 1024





Cluster time vs energy1025



Primitive time resolution 1025



Cluster time vs energy1026



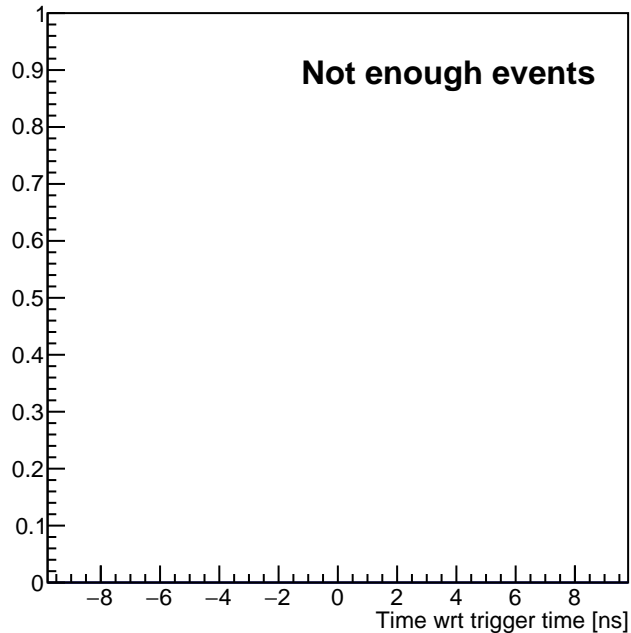
Primitive time resolution 1026



Cluster time vs energy1027



Primitive time resolution 1027



Cluster time vs energy1028



Primitive time resolution 1028



Cluster time vs energy1029



Primitive time resolution 1029



Cluster time vs energy1030



Primitive time resolution 1030



### Cluster time vs energy1031



### Primitive time resolution 1031



Cluster time vs energy1032



Primitive time resolution 1032





Cluster time vs energy1033



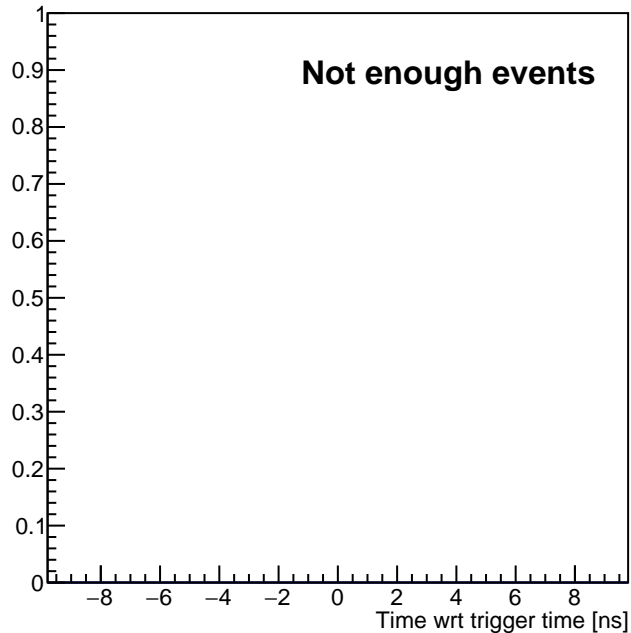
Primitive time resolution 1033



Cluster time vs energy1034



Primitive time resolution 1034



Cluster time vs energy1035



Primitive time resolution 1035



Cluster time vs energy1036



Primitive time resolution 1036



### Cluster time vs energy1037



### Primitive time resolution 1037



Cluster time vs energy1038



Primitive time resolution 1038



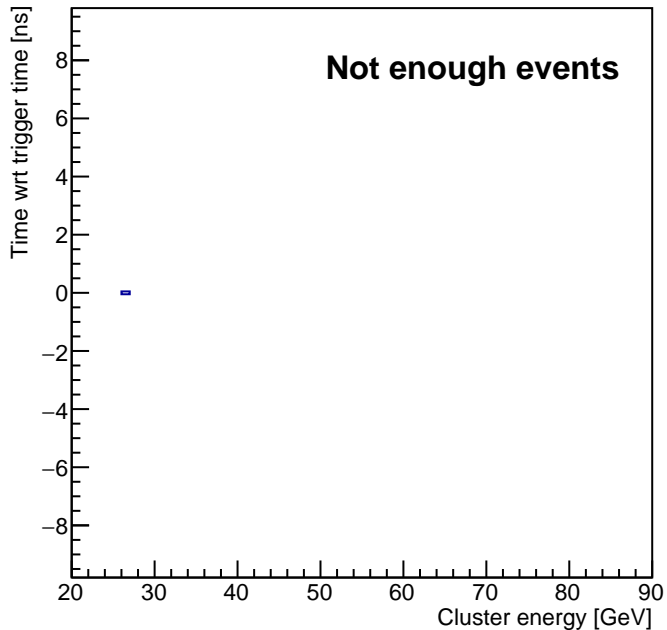
Cluster time vs energy1039



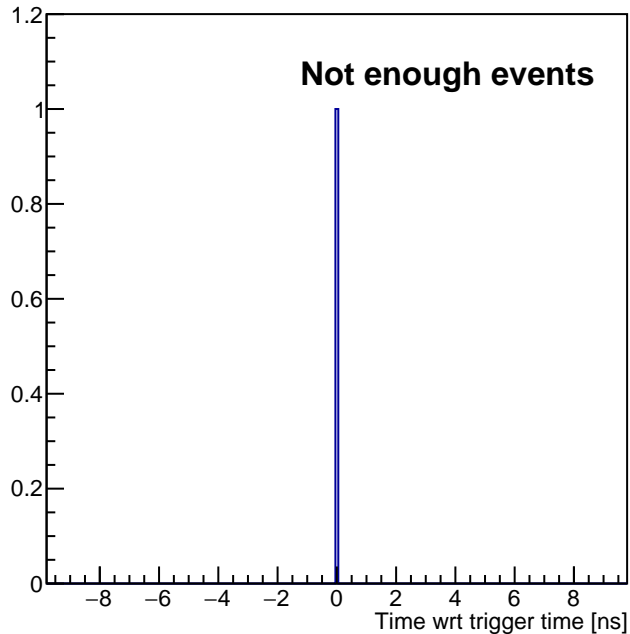
Primitive time resolution 1039



### Cluster time vs energy1040



### Primitive time resolution 1040





### Cluster time vs energy1041



### Primitive time resolution 1041



Cluster time vs energy1042



Primitive time resolution 1042



Cluster time vs energy1043



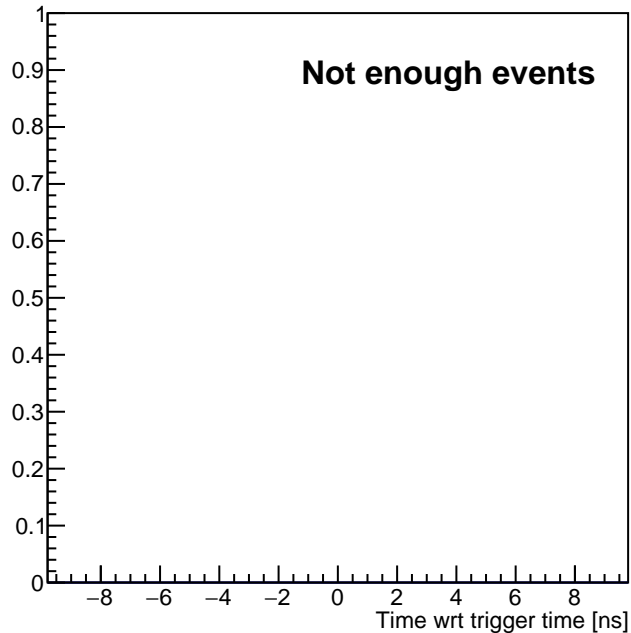
Primitive time resolution 1043



Cluster time vs energy1044



Primitive time resolution 1044



Cluster time vs energy1045



Primitive time resolution 1045



Cluster time vs energy1046



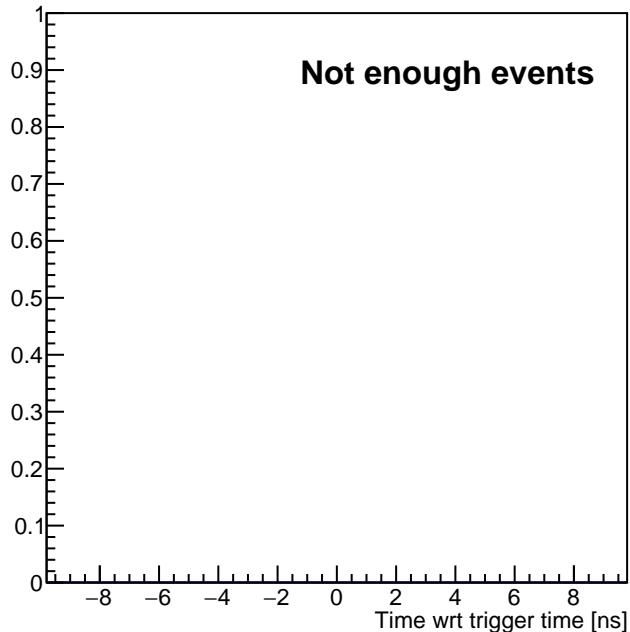
Primitive time resolution 1046



Cluster time vs energy1047



Primitive time resolution 1047



Cluster time vs energy1048



Primitive time resolution 1048





Cluster time vs energy1049



Primitive time resolution 1049



Cluster time vs energy1050



Primitive time resolution 1050



### Cluster time vs energy1051



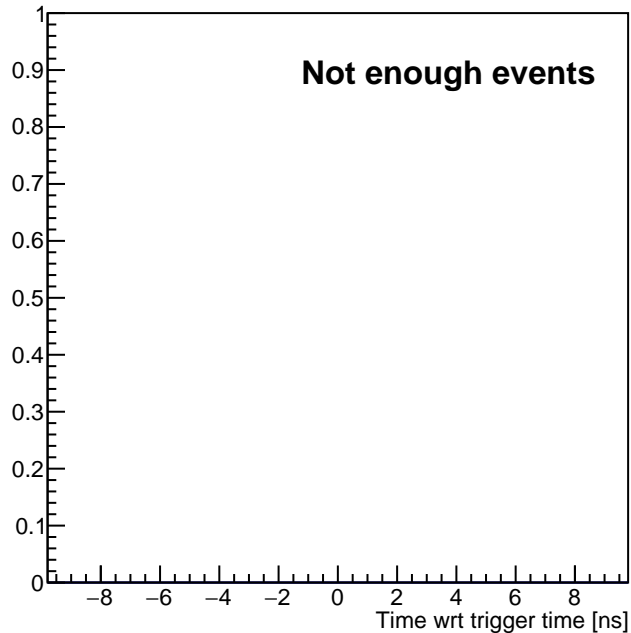
### Primitive time resolution 1051



Cluster time vs energy1052



Primitive time resolution 1052



Cluster time vs energy1055



Primitive time resolution 1055



Cluster time vs energy1056



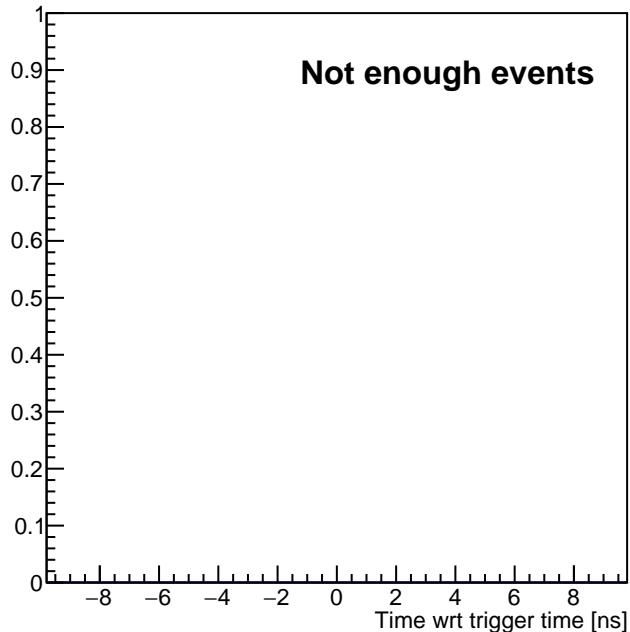
Primitive time resolution 1056



Cluster time vs energy1057



Primitive time resolution 1057



Cluster time vs energy1058



Primitive time resolution 1058





Cluster time vs energy1059



Primitive time resolution 1059



Cluster time vs energy1060



Primitive time resolution 1060



### Cluster time vs energy1061



### Primitive time resolution 1061



Cluster time vs energy1062



Primitive time resolution 1062



Cluster time vs energy1063



Primitive time resolution 1063



Cluster time vs energy1064



Primitive time resolution 1064



Cluster time vs energy1065



Primitive time resolution 1065



Cluster time vs energy1066



Primitive time resolution 1066





Cluster time vs energy1067



Primitive time resolution 1067



Cluster time vs energy1068



Primitive time resolution 1068



Cluster time vs energy1069



Primitive time resolution 1069



Cluster time vs energy1070



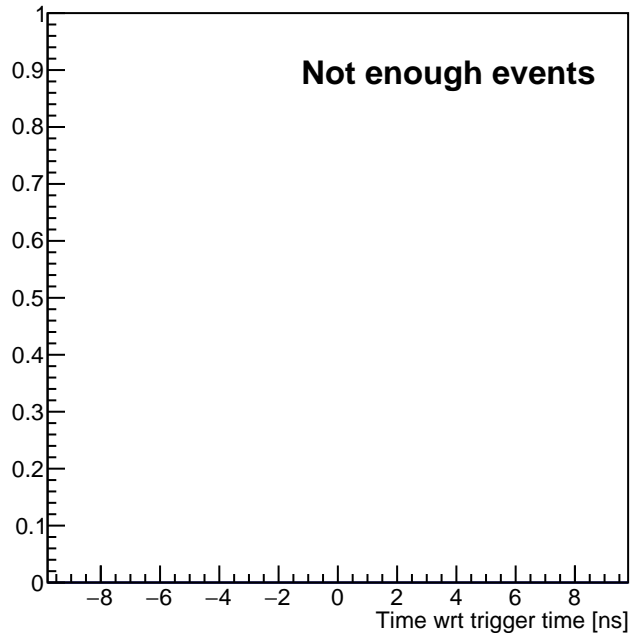
Primitive time resolution 1070



### Cluster time vs energy1071



### Primitive time resolution 1071



Cluster time vs energy1072



Primitive time resolution 1072



Cluster time vs energy1073



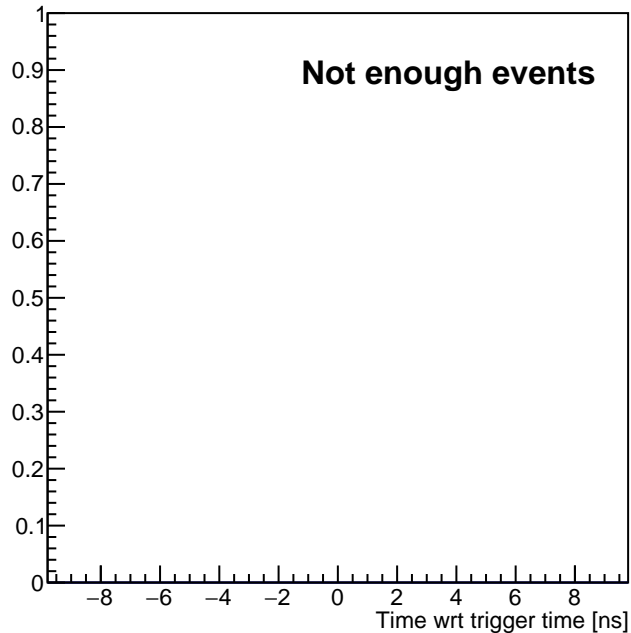
Primitive time resolution 1073



Cluster time vs energy1074



Primitive time resolution 1074





### Cluster time vs energy1075



### Primitive time resolution 1075



### Cluster time vs energy1076



### Primitive time resolution 1076



### Cluster time vs energy1077



### Primitive time resolution 1077



Cluster time vs energy1078



Primitive time resolution 1078



Cluster time vs energy1079



Primitive time resolution 1079



Cluster time vs energy1080



Primitive time resolution 1080



### Cluster time vs energy1081



### Primitive time resolution 1081



Cluster time vs energy1082



Primitive time resolution 1082





Cluster time vs energy1083



Primitive time resolution 1083



Cluster time vs energy1084



Primitive time resolution 1084



### Cluster time vs energy1085



### Primitive time resolution 1085



Cluster time vs energy1086



Primitive time resolution 1086



Cluster time vs energy1089



Primitive time resolution 1089



Cluster time vs energy1090



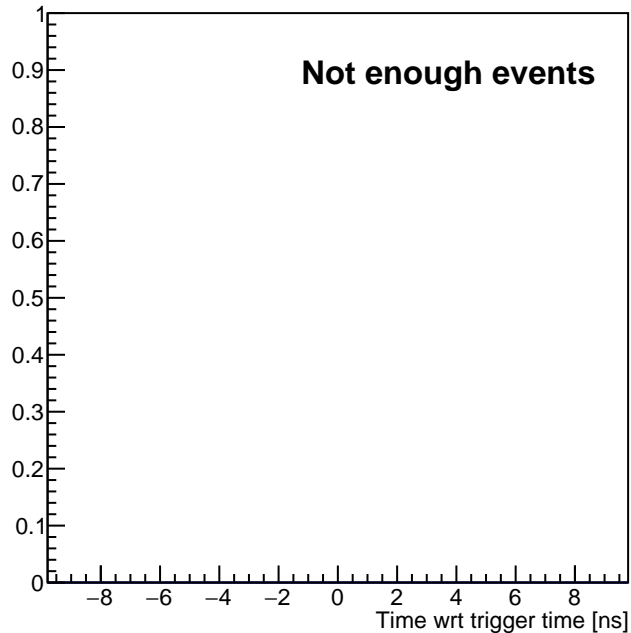
Primitive time resolution 1090



### Cluster time vs energy1091



### Primitive time resolution 1091



### Cluster time vs energy1092



### Primitive time resolution 1092





### Cluster time vs energy1093



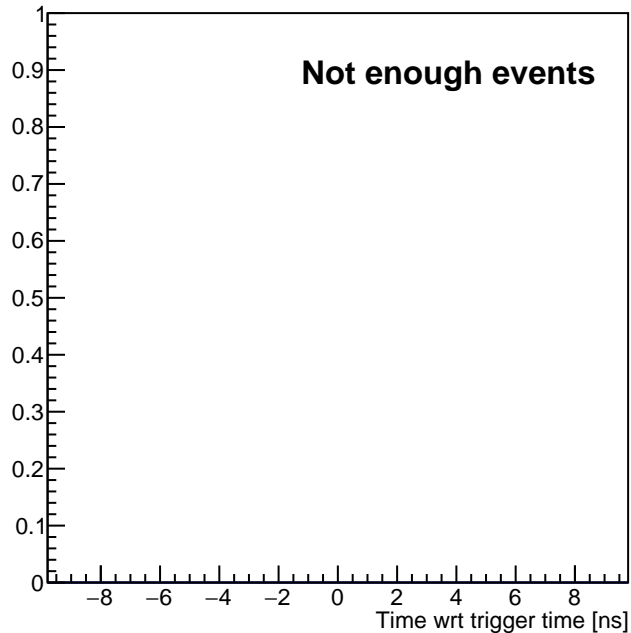
### Primitive time resolution 1093



Cluster time vs energy1094



Primitive time resolution 1094



Cluster time vs energy1095



Primitive time resolution 1095



Cluster time vs energy1096



Primitive time resolution 1096



Cluster time vs energy1097



Primitive time resolution 1097



Cluster time vs energy1098



Primitive time resolution 1098



Cluster time vs energy1099



Primitive time resolution 1099



Cluster time vs energy1100



Primitive time resolution 1100

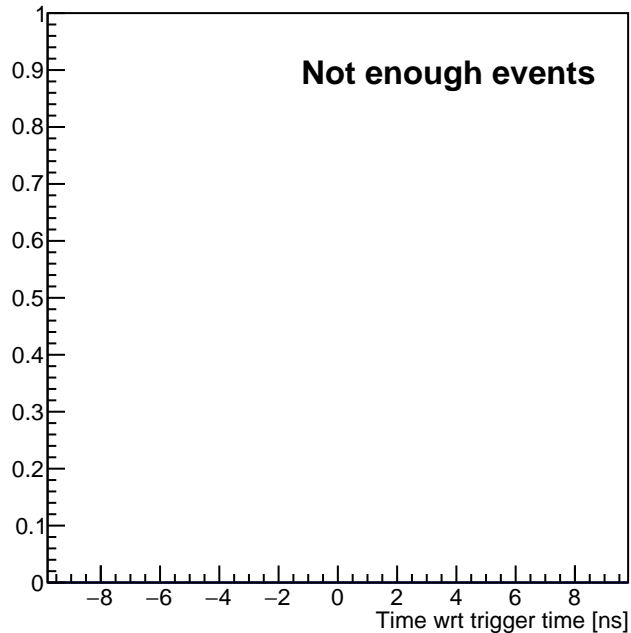




### Cluster time vs energy1101



### Primitive time resolution 1101



Cluster time vs energy1102



Primitive time resolution 1102



Cluster time vs energy1103



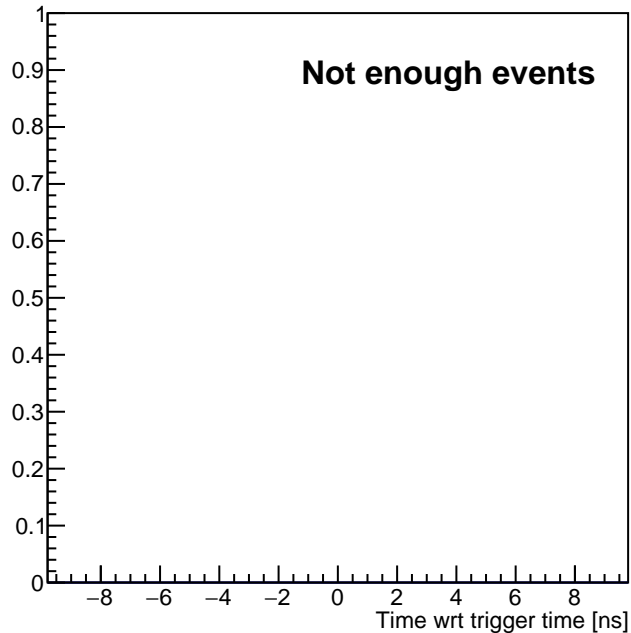
Primitive time resolution 1103



Cluster time vs energy1104



Primitive time resolution 1104



### Cluster time vs energy1105



### Primitive time resolution 1105



Cluster time vs energy1106



Primitive time resolution 1106



### Cluster time vs energy1107



### Primitive time resolution 1107



### Cluster time vs energy1108



### Primitive time resolution 1108





Cluster time vs energy1109



Primitive time resolution 1109



### Cluster time vs energy1110



### Primitive time resolution 1110



### Cluster time vs energy1111



### Primitive time resolution 1111



### Cluster time vs energy1112



### Primitive time resolution 1112



### Cluster time vs energy1113



### Primitive time resolution 1113



Cluster time vs energy1114



Primitive time resolution 1114



### Cluster time vs energy1115



### Primitive time resolution 1115



Cluster time vs energy1116



Primitive time resolution 1116

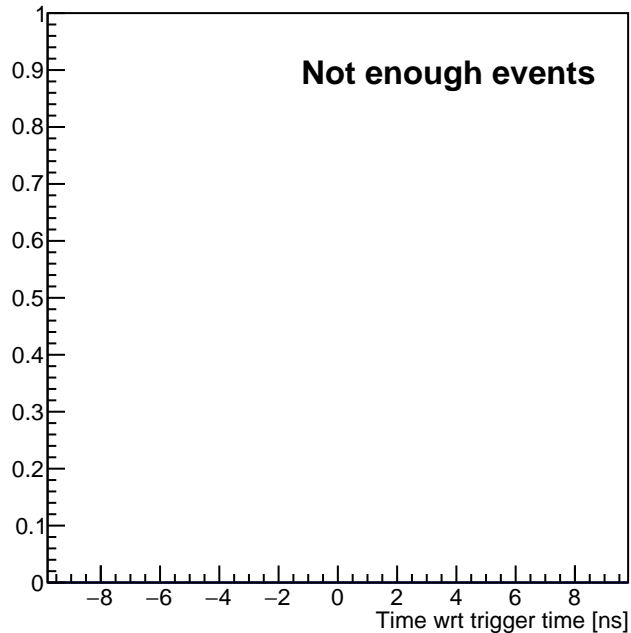




Cluster time vs energy1117



Primitive time resolution 1117



Cluster time vs energy1118



Primitive time resolution 1118



Cluster time vs energy1119



Primitive time resolution 1119



Cluster time vs energy1120



Primitive time resolution 1120





# Time Offset for all supercells, corrected

