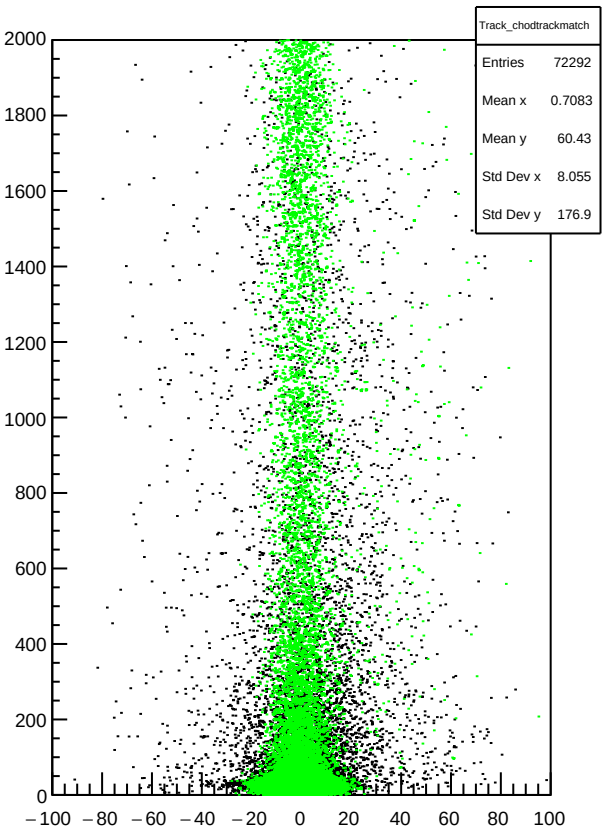
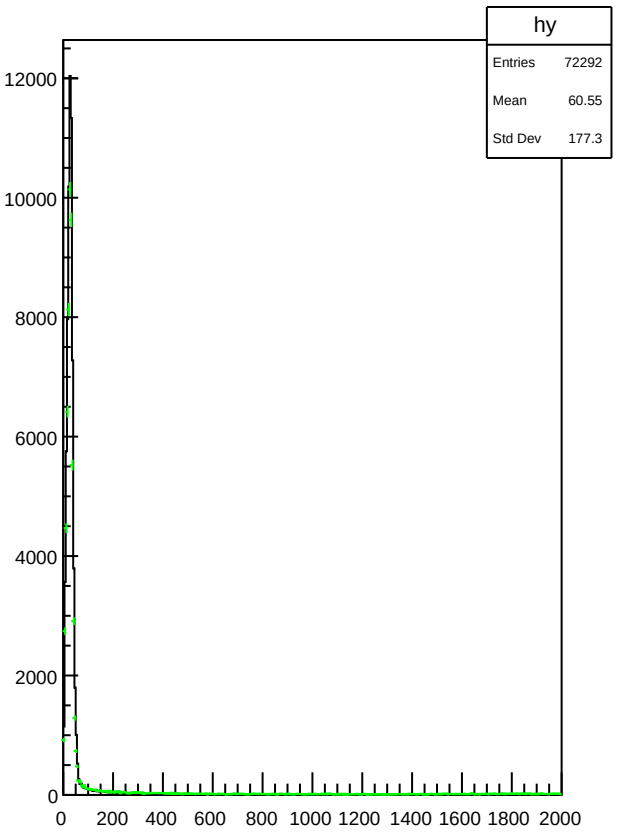
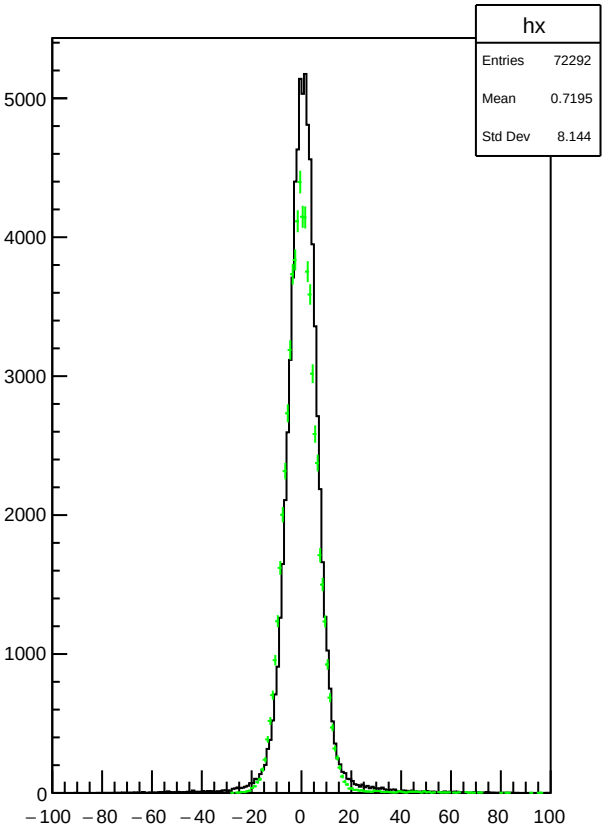
Plot 1 TrackAnalysis/Track_chodtrackmatch 6



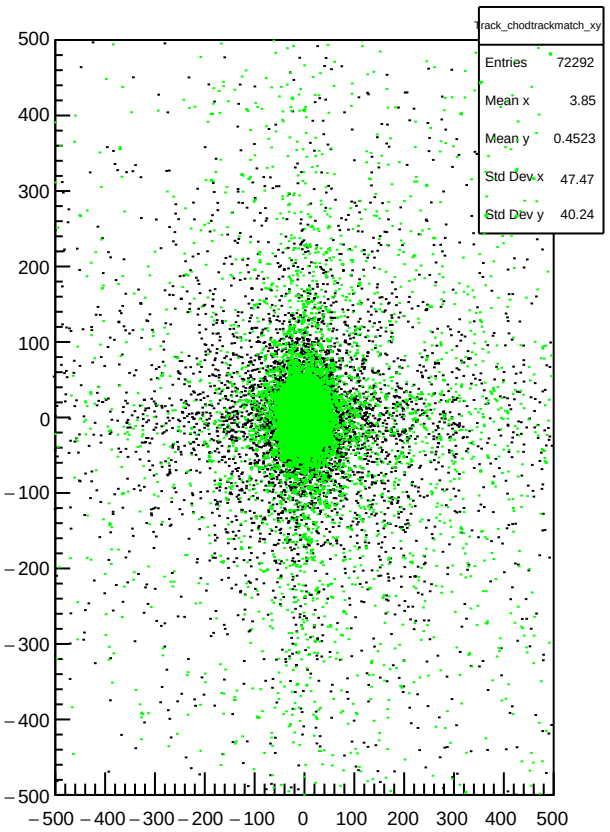
Plot 1 TrackAnalysis/Track_chodtrackmatch 6



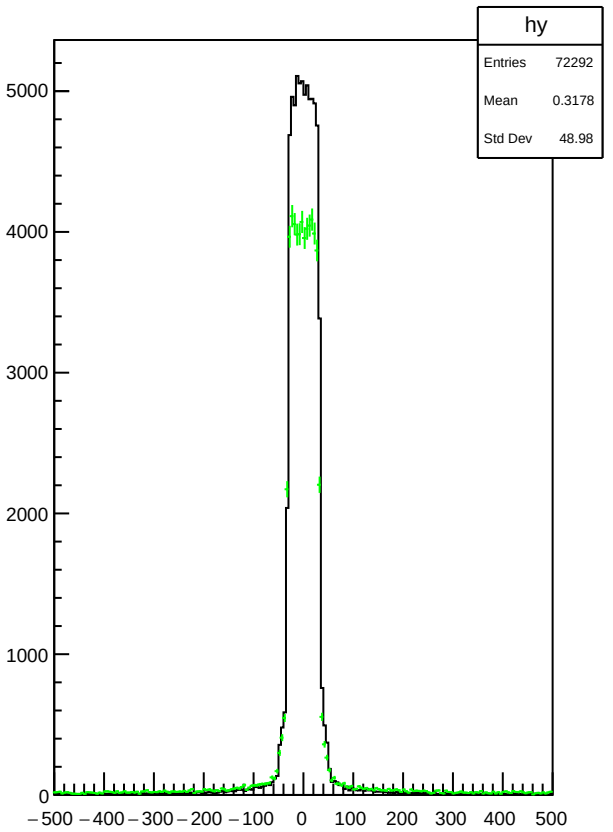
Plot 1 TrackAnalysis/Track_chodtrackmatch 6



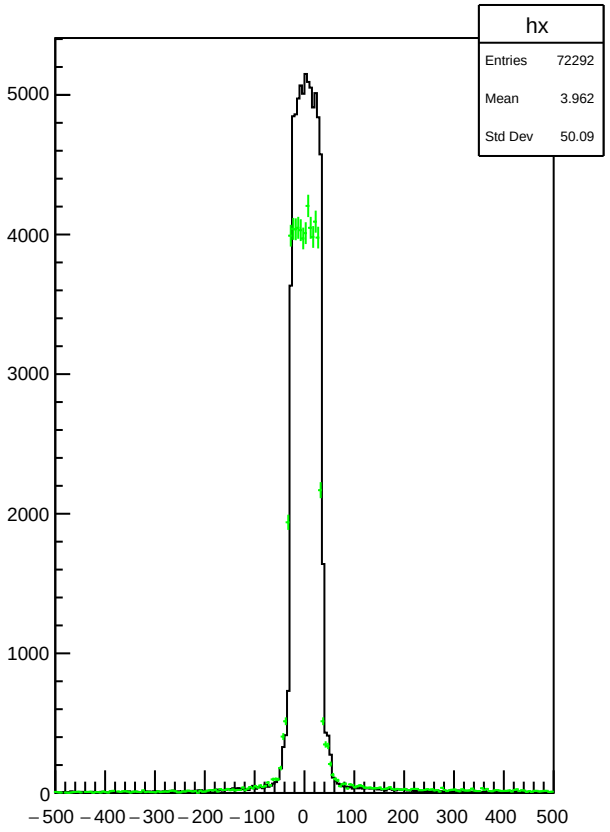
Plot 2 TrackAnalysis/Track_chodtrackmatch_xy 7



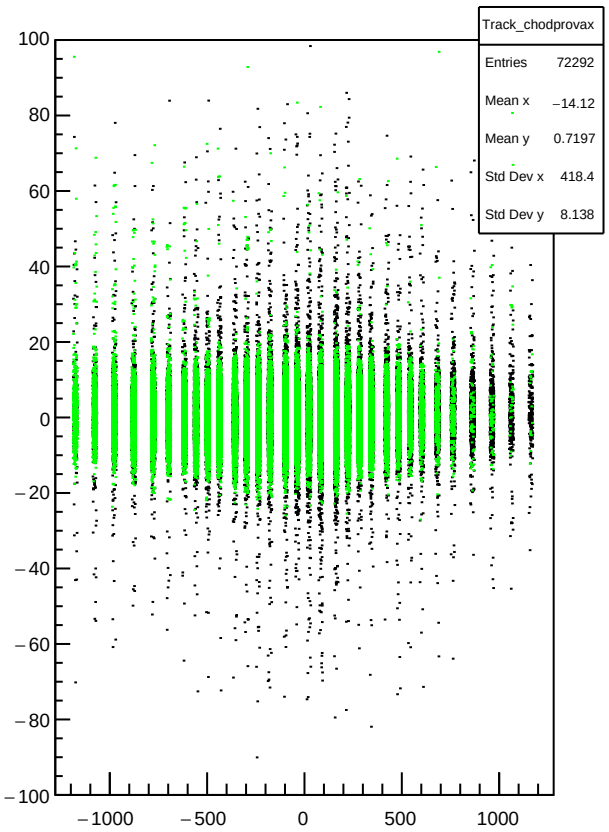
Plot 2 TrackAnalysis/Track_chodtrackmatch_xy 7



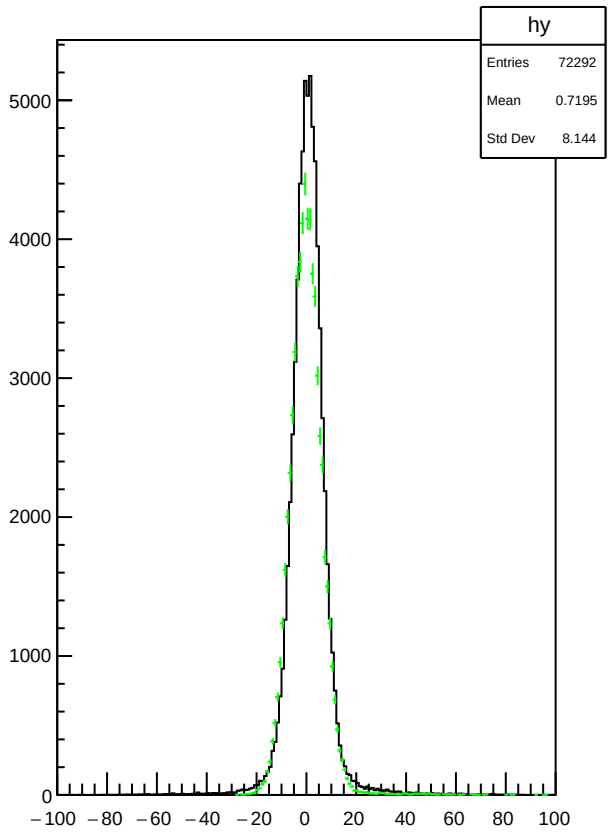
Plot 2 TrackAnalysis/Track_chodtrackmatch_xy 7



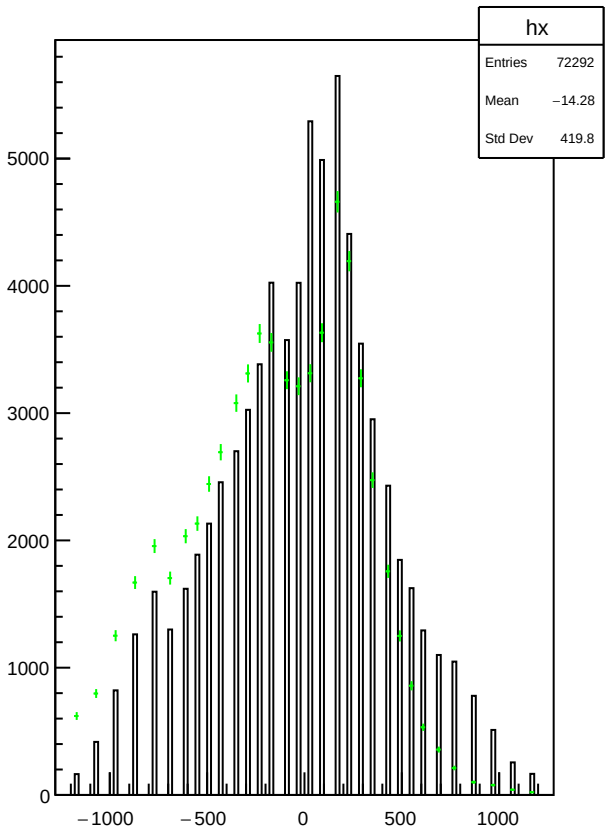
Plot 3 TrackAnalysis/Track_chodprovax 8



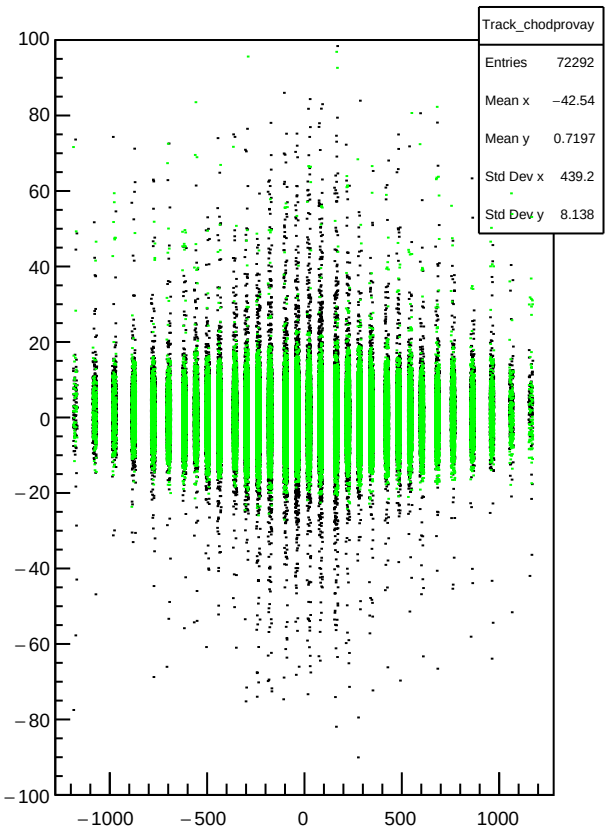
Plot 3 TrackAnalysis/Track_chodprovax 8



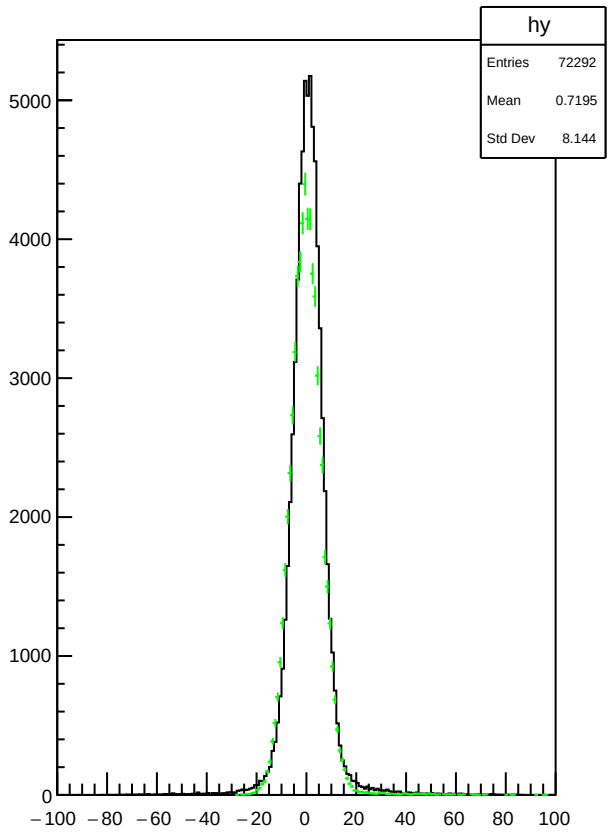
Plot 3 TrackAnalysis/Track_chodprovax 8



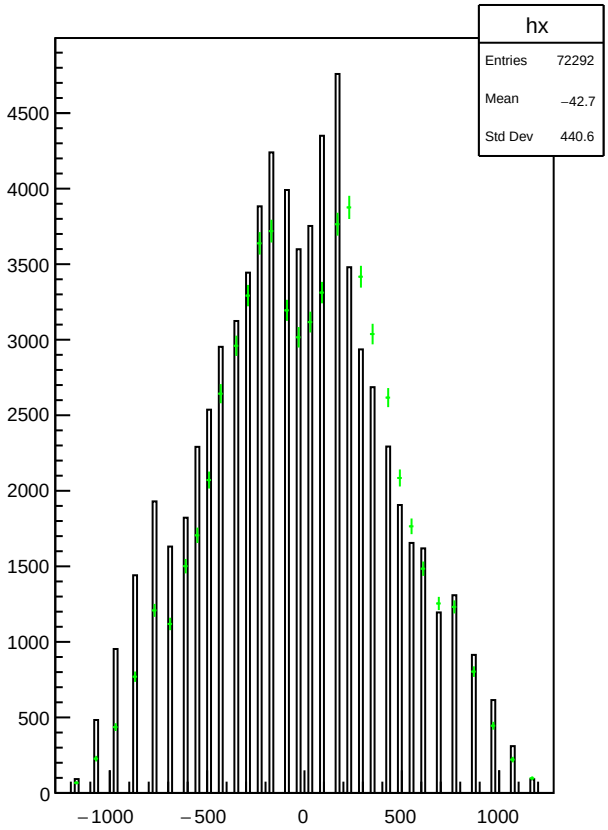
Plot 4 TrackAnalysis/Track_chodprovay 9



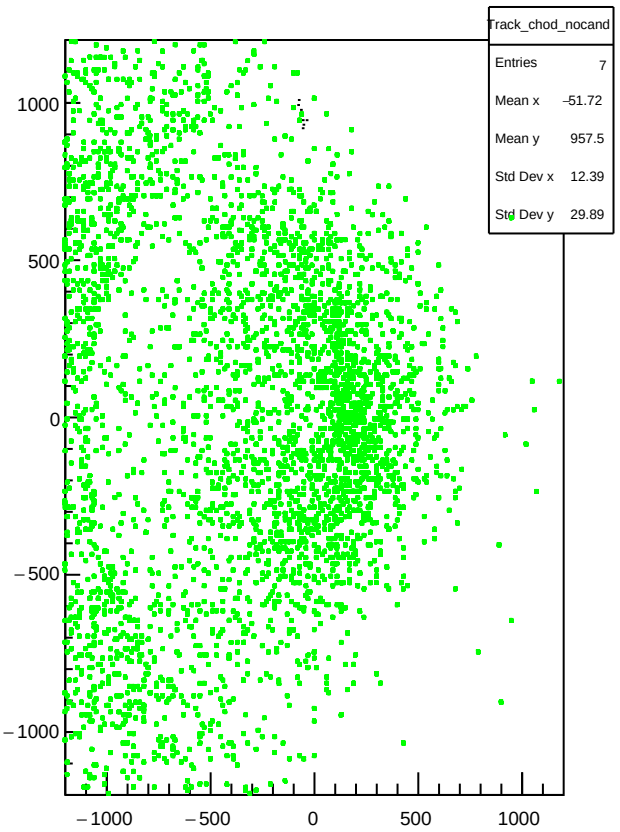
Plot 4 TrackAnalysis/Track_chodprovay 9



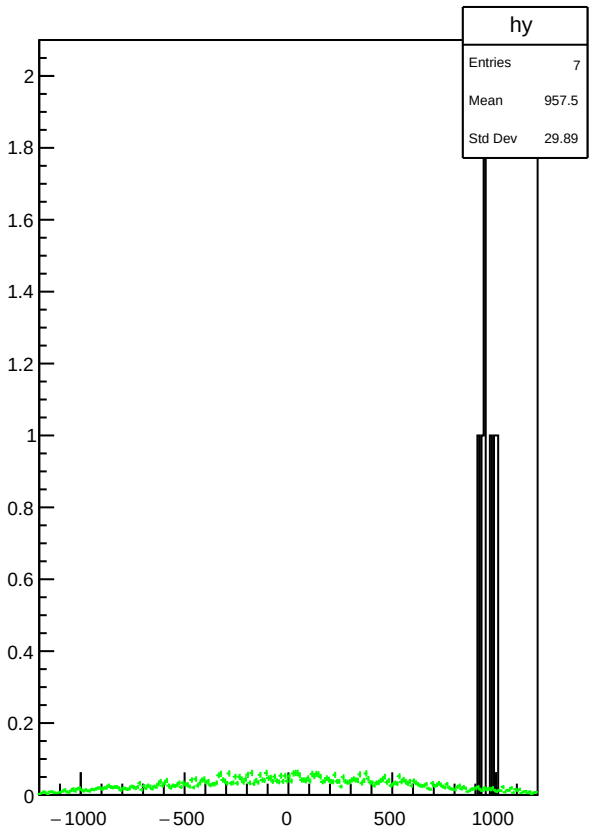
Plot 4 TrackAnalysis/Track_chodprovay 9



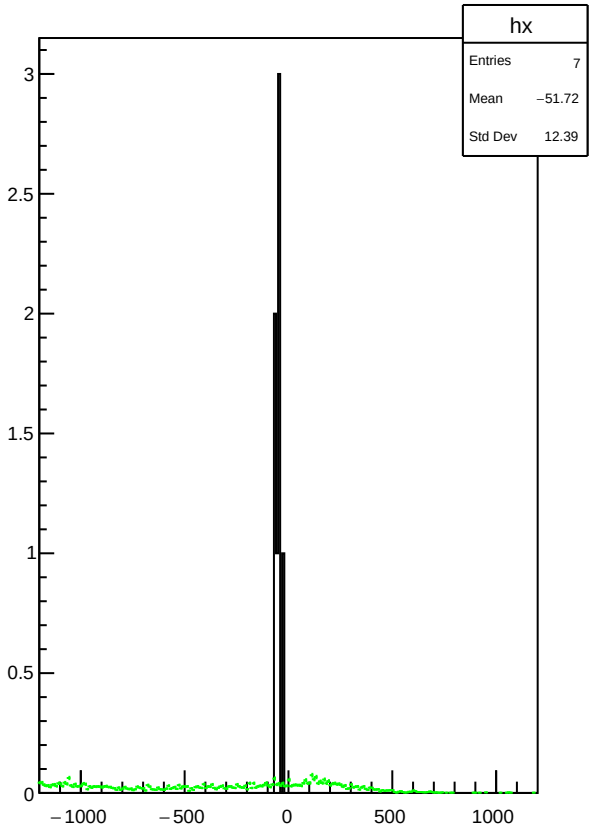
Plot 5 TrackAnalysis/Track_chod_nocand 10



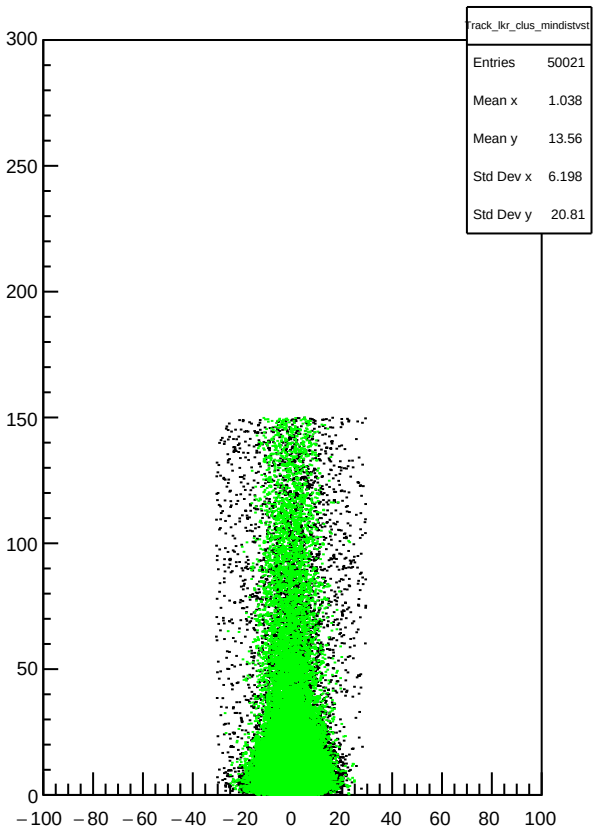
Plot 5 TrackAnalysis/Track_chod_nocand 10



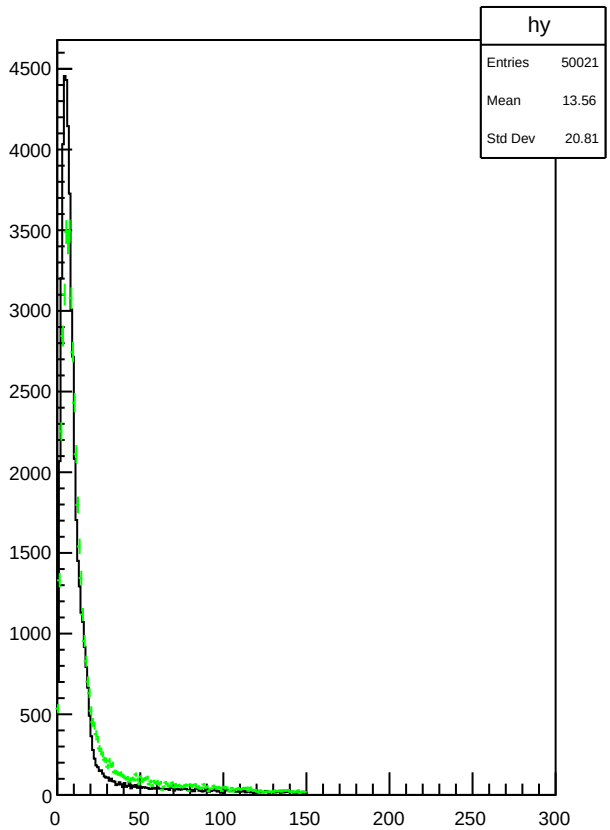
Plot 5 TrackAnalysis/Track_chod_nocand 10



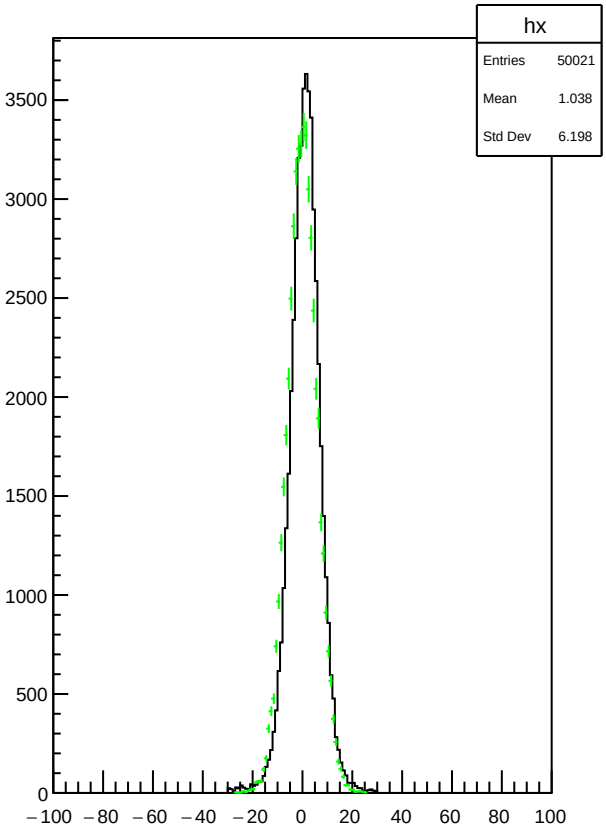
Plot 6 TrackAnalysis/Track_lkr_clus_mindistvst 22



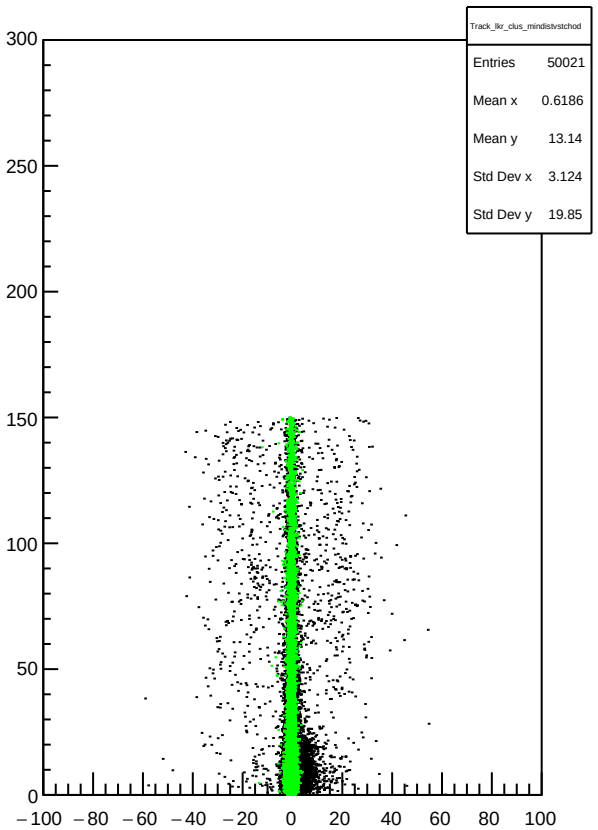
Plot 6 TrackAnalysis/Track_lkr_clus_mindistvst 22



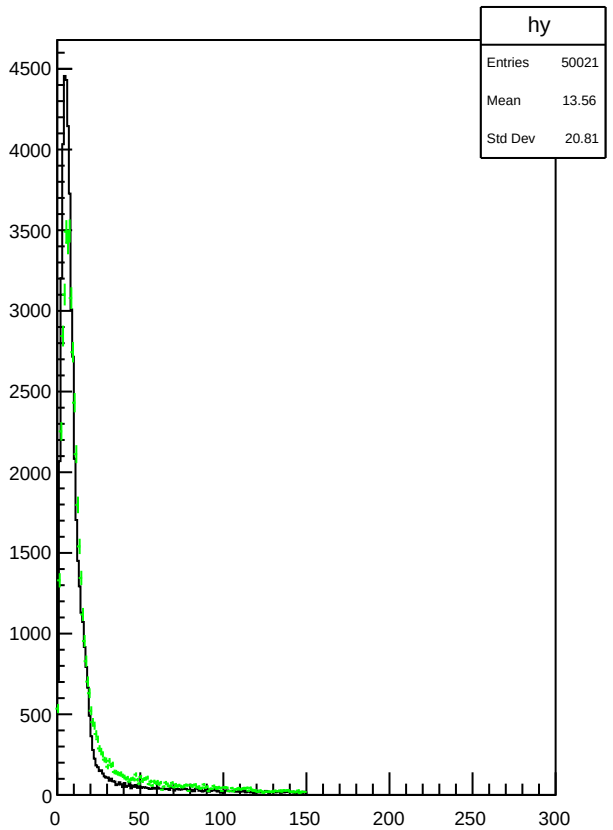
Plot 6 TrackAnalysis/Track_lkr_clus_mindistvst 22



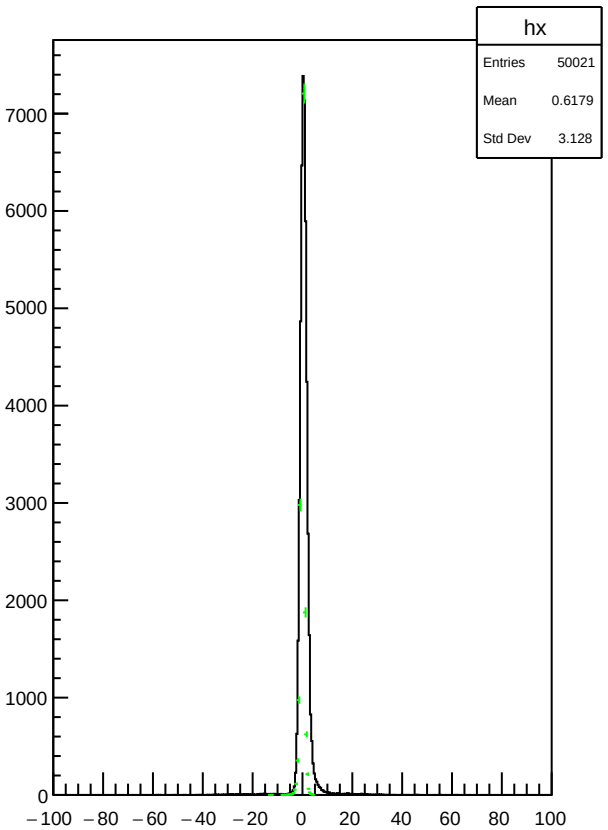
Plot 7 TrackAnalysis/Track_lkr_clus_mindistvstchod 23



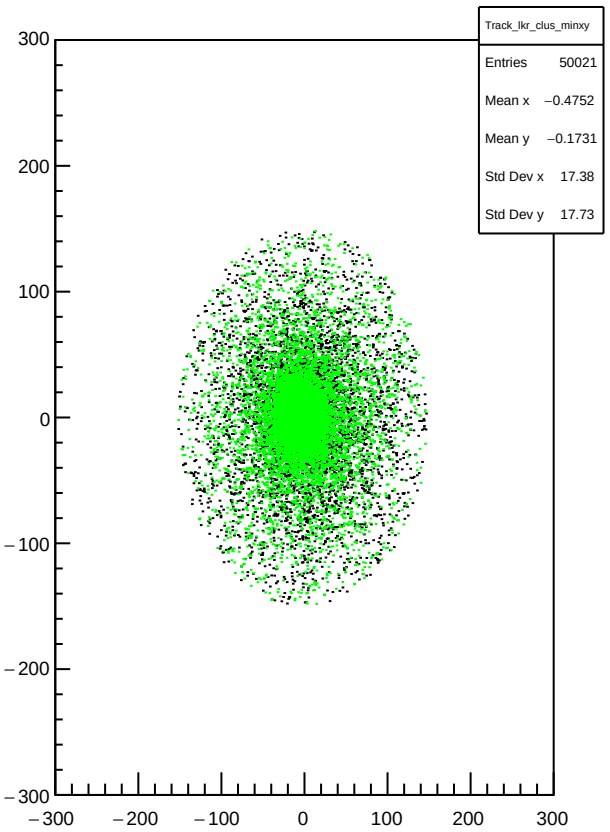
Plot 7 TrackAnalysis/Track_lkr_clus_mindistvstchod 23



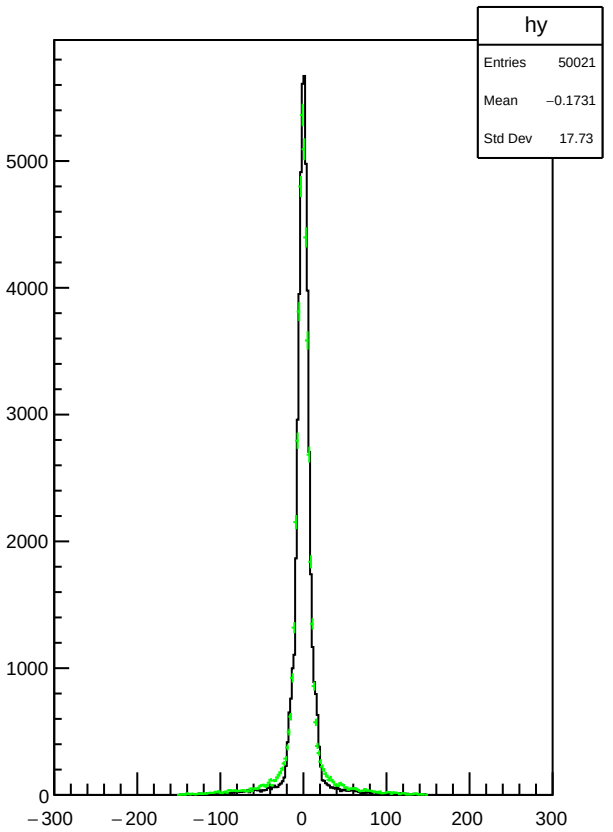
Plot 7 TrackAnalysis/Track_lkr_clus_mindistvstchod 23



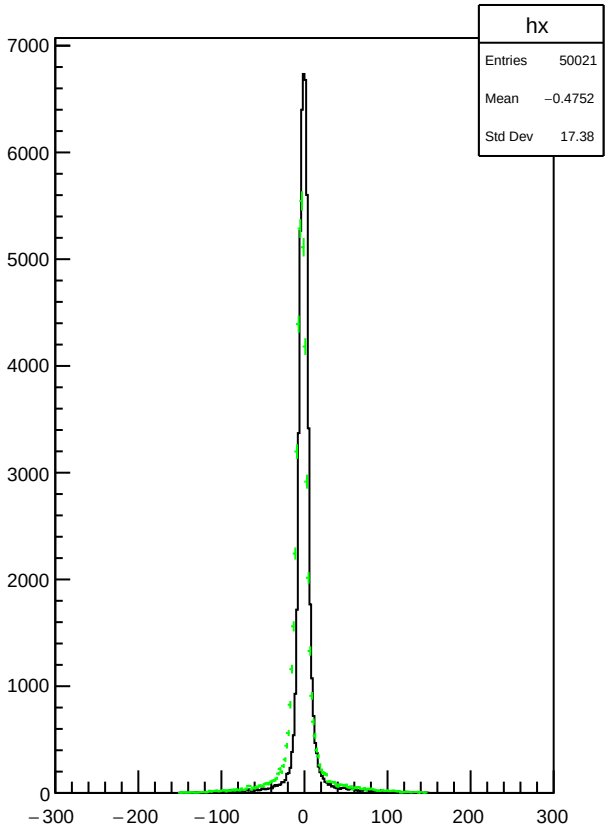
Plot 8 TrackAnalysis/Track_lkr_clus_minxy 24



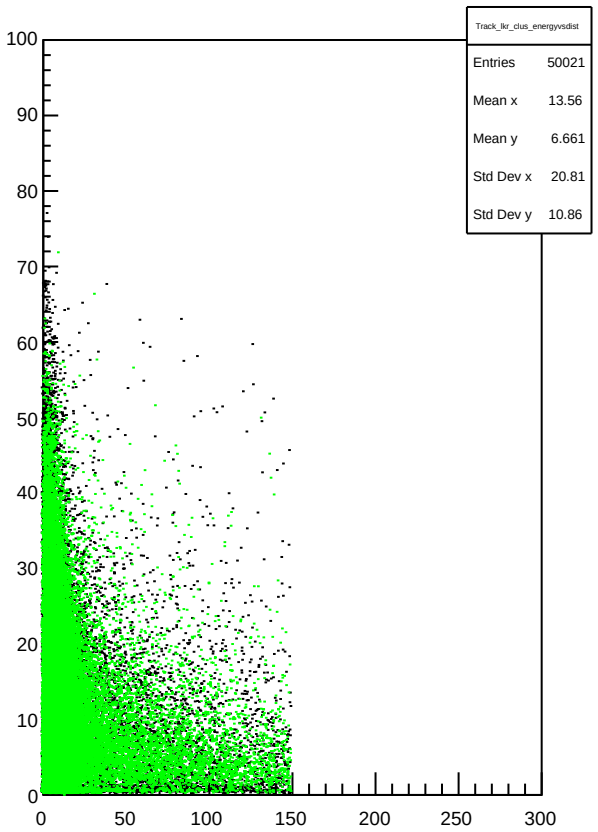
Plot 8 TrackAnalysis/Track_lkr_clus_minxy 24



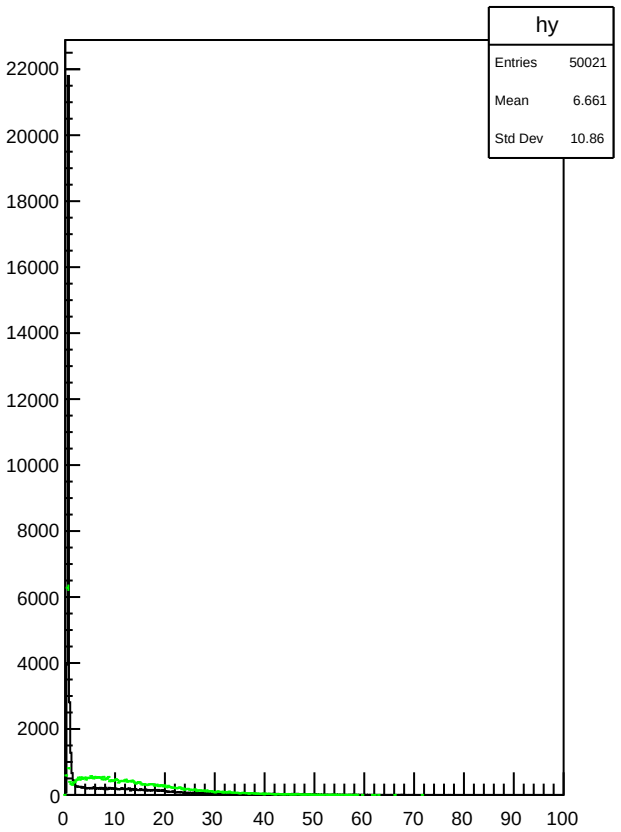
Plot 8 TrackAnalysis/Track_lkr_clus_minxy 24



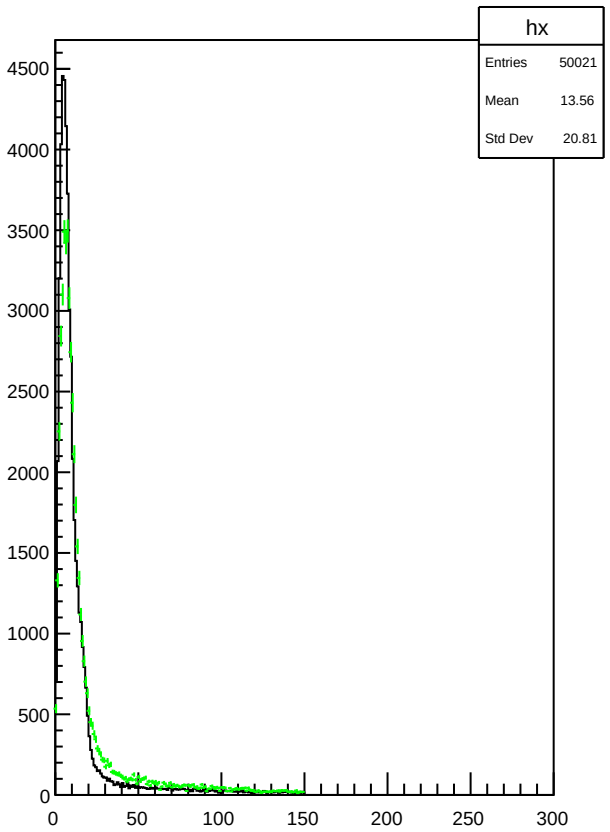
Plot 9 TrackAnalysis/Track_lkr_clus_energyvsdist 25



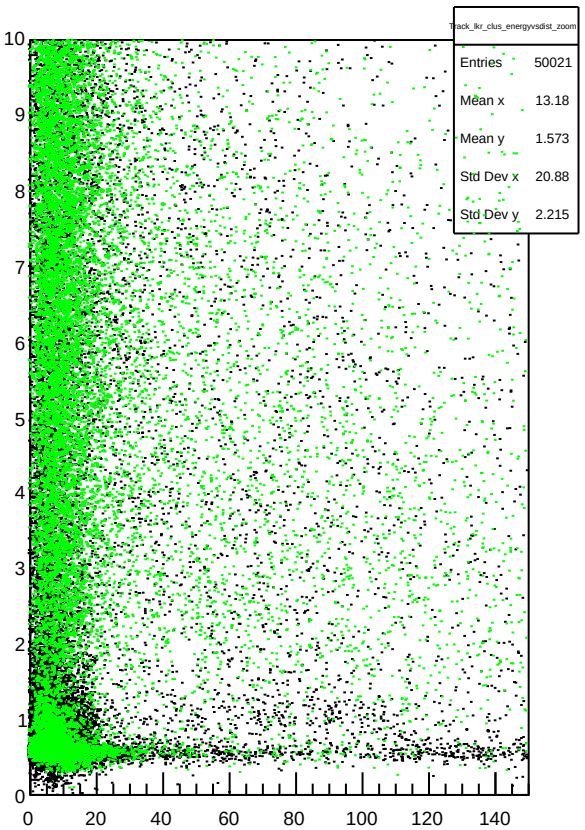
Plot 9 TrackAnalysis/Track_lkr_clus_energyvsdist 25



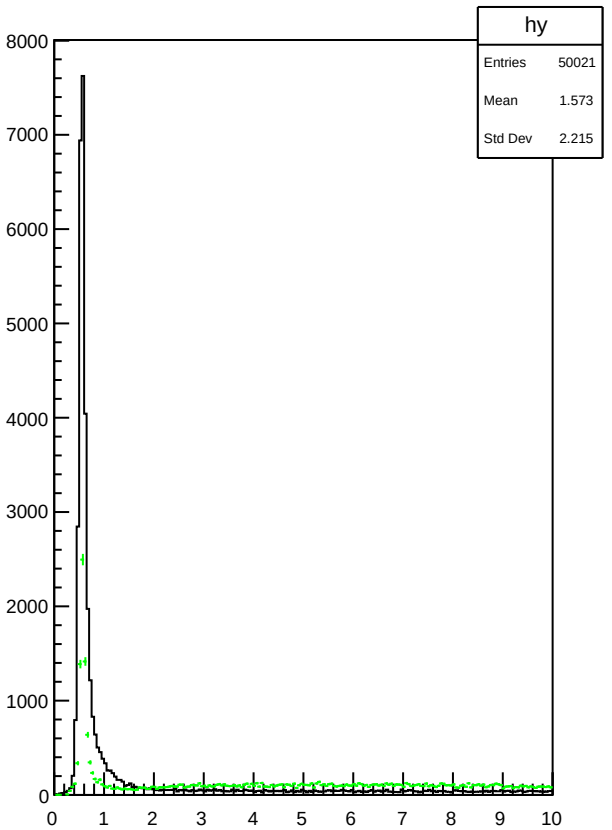
Plot 9 TrackAnalysis/Track_lkr_clus_energyvsdist 25



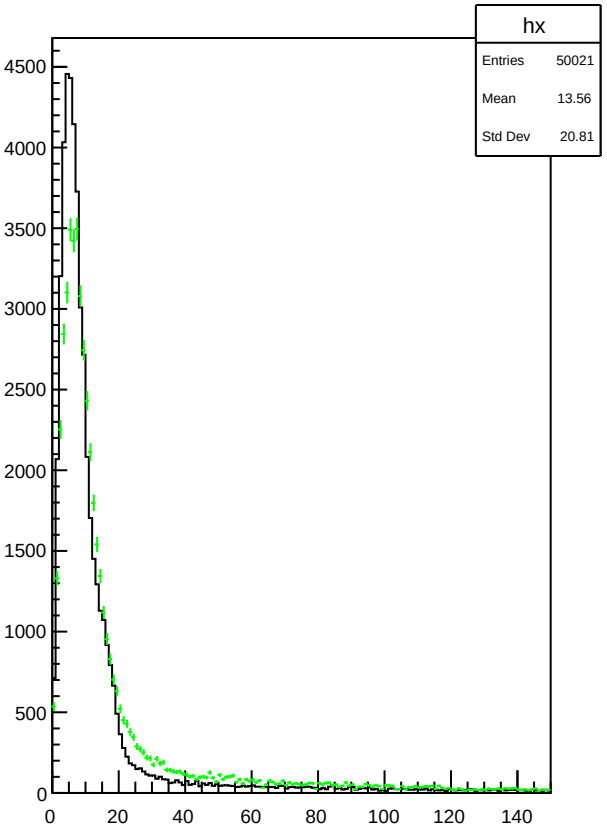
Plot 10 TrackAnalysis/Track_lkr_clus_energyvsdist_zoom 26



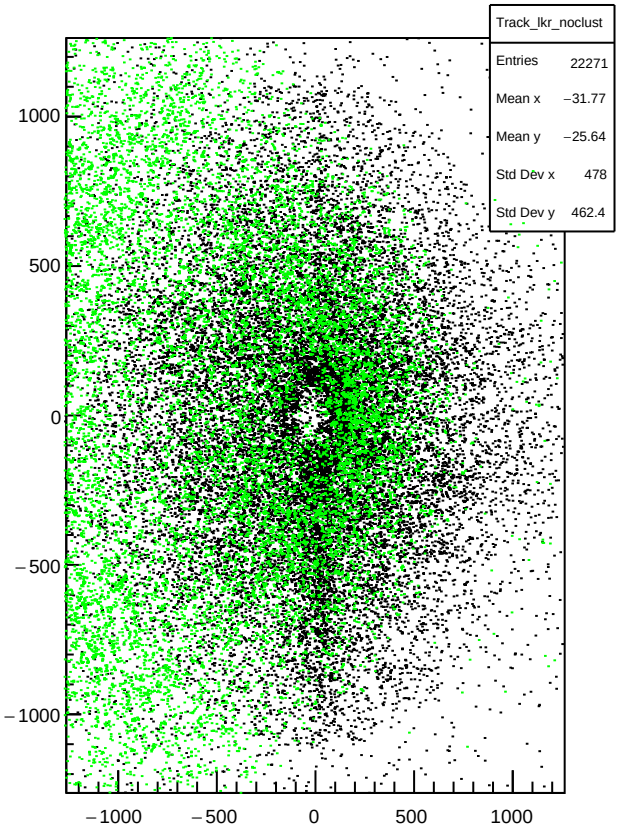
Plot 10 TrackAnalysis/Track_lkr_clus_energyvsdist_zoom 26



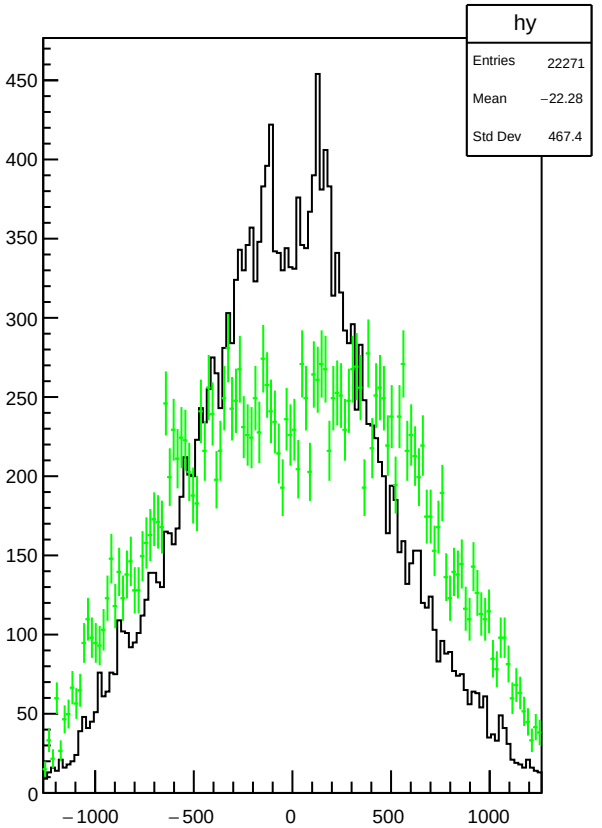
Plot 10 TrackAnalysis/Track_lkr_clus_energyvsdist_zoom 26



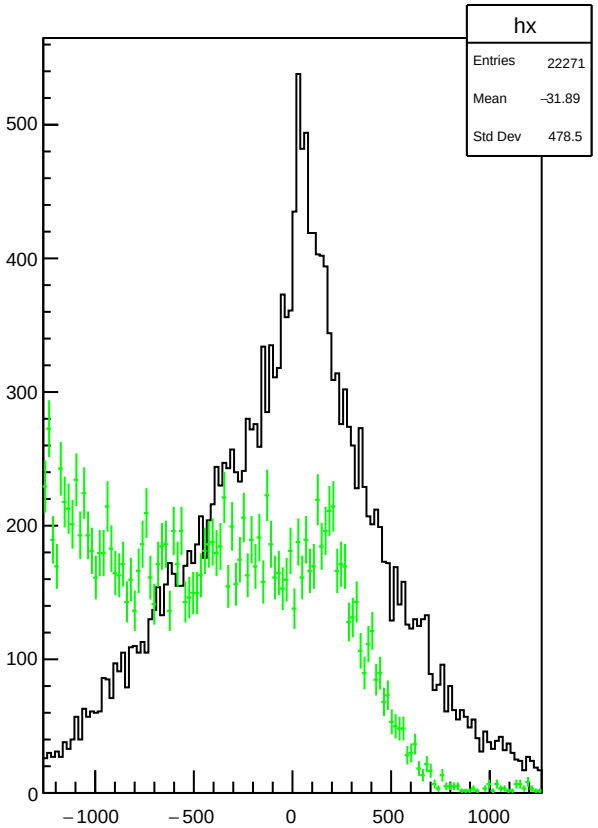
Plot 11 TrackAnalysis/Track_lkr_noclust 27



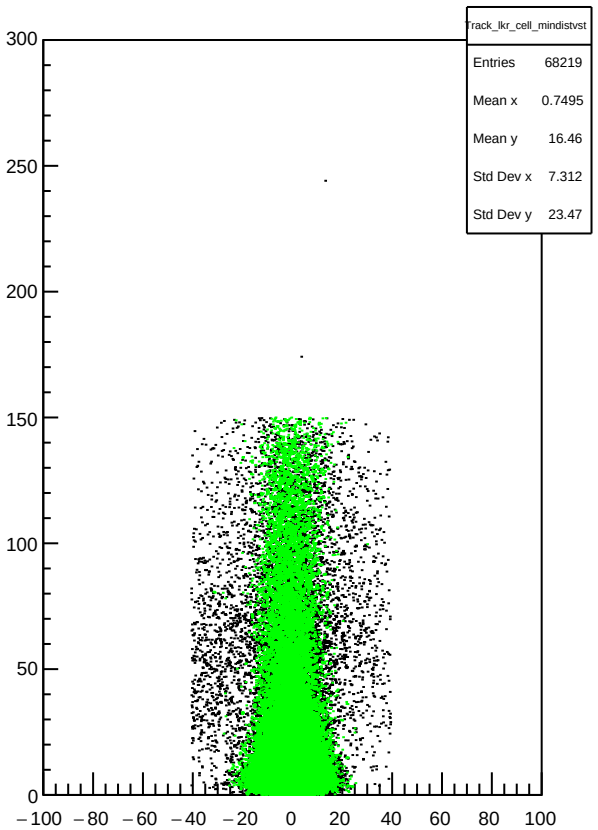
Plot 11 TrackAnalysis/Track_lkr_noclust 27



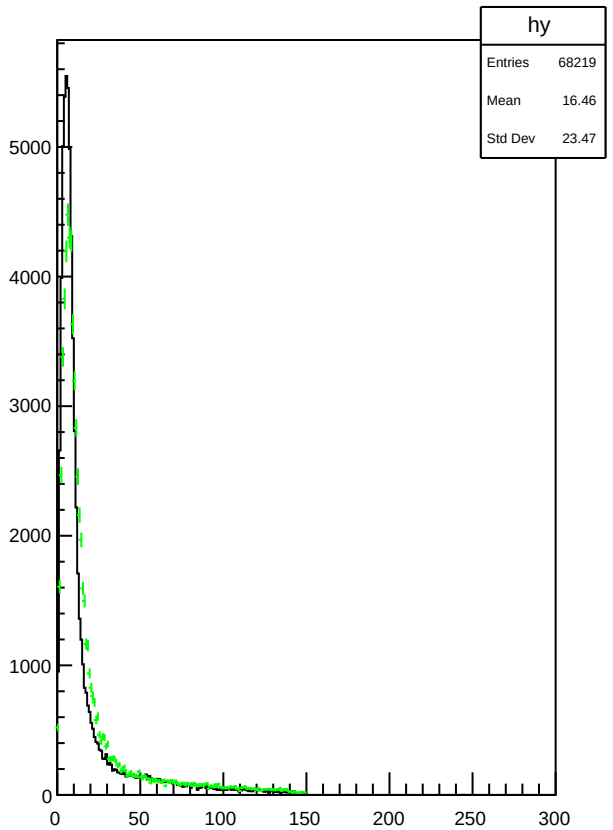
Plot 11 TrackAnalysis/Track_lkr_noclust 27



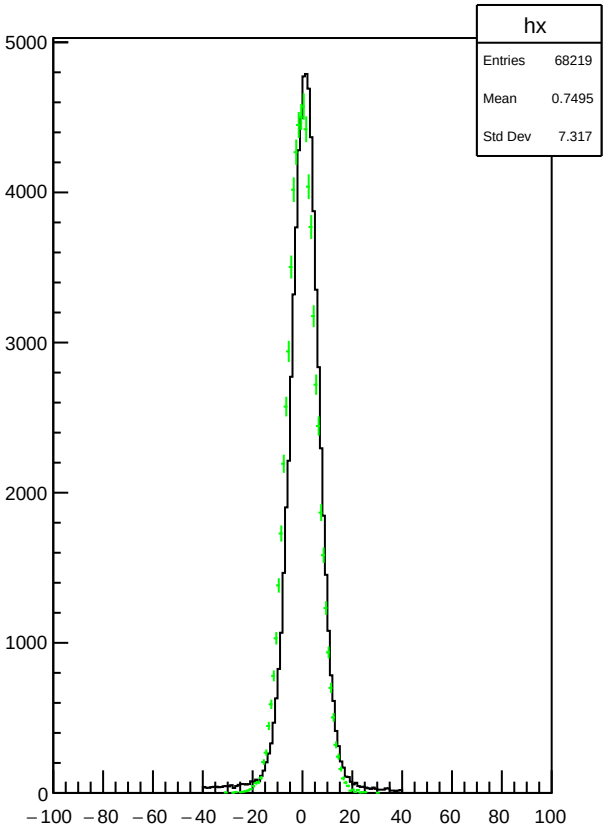
Plot 12 TrackAnalysis/Track_lkr_cell_mindistvst 29



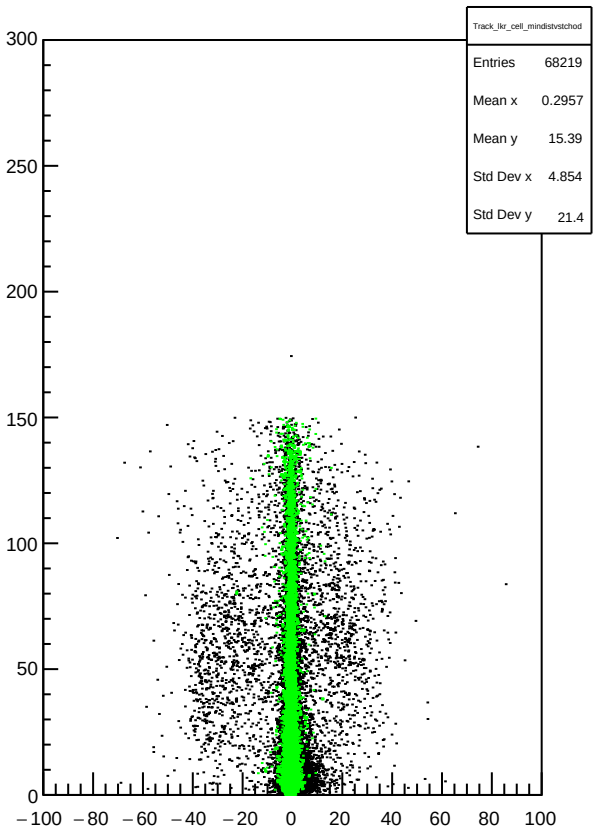
Plot 12 TrackAnalysis/Track_lkr_cell_mindistvst 29



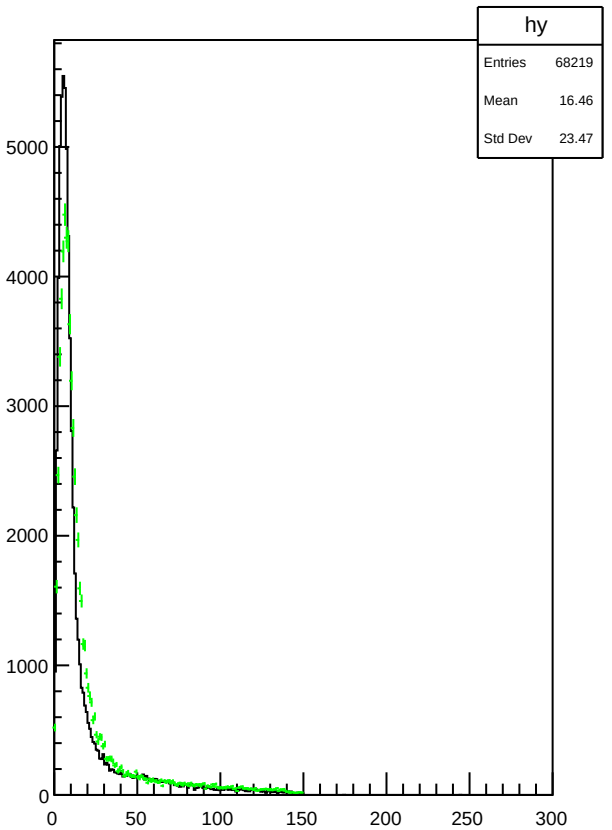
Plot 12 TrackAnalysis/Track_lkr_cell_mindistvst 29



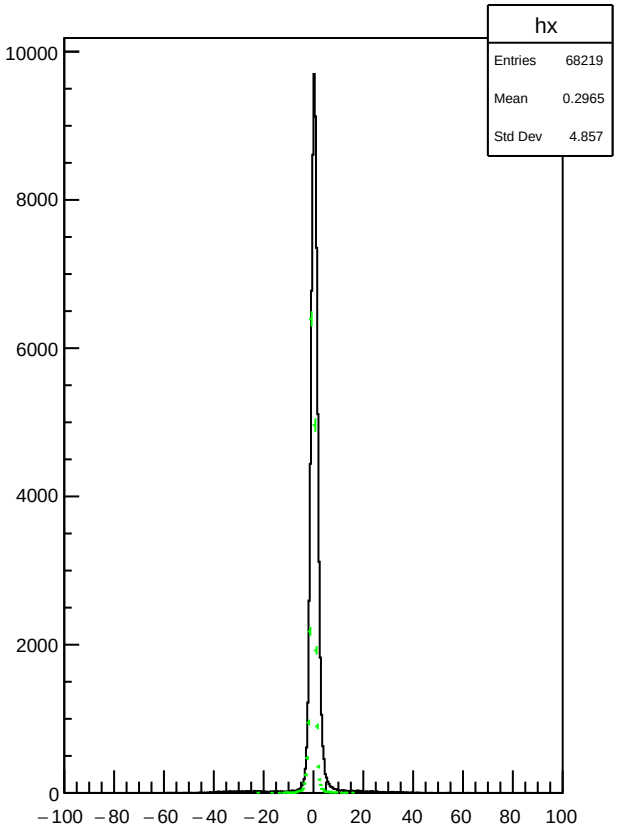
Plot 13 TrackAnalysis/Track_lkr_cell_mindistvstchod 30



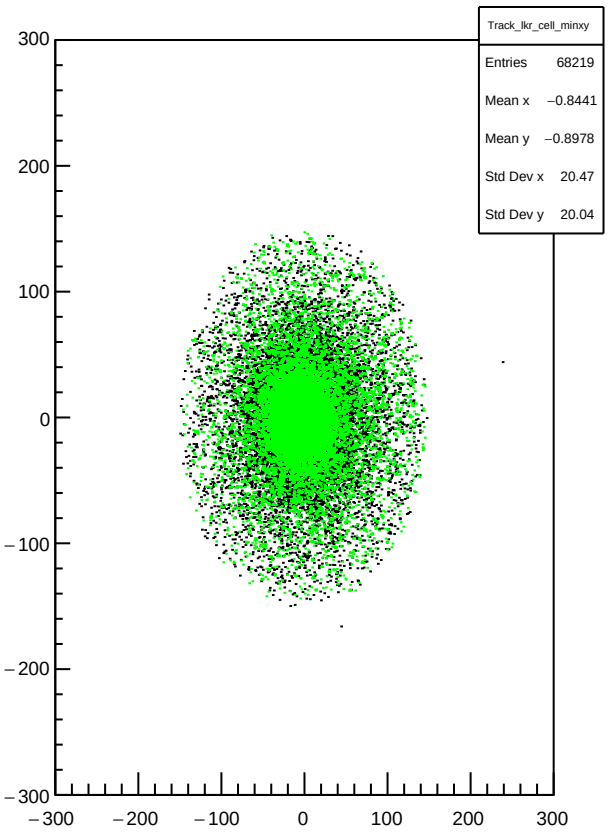
Plot 13 TrackAnalysis/Track_lkr_cell_mindistvstchod 30



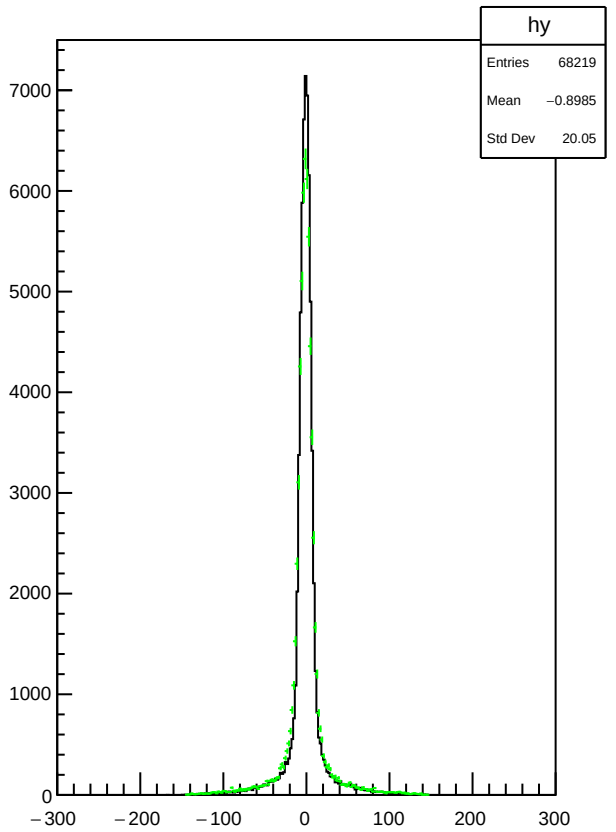
Plot 13 TrackAnalysis/Track_lkr_cell_mindistvstchod 30



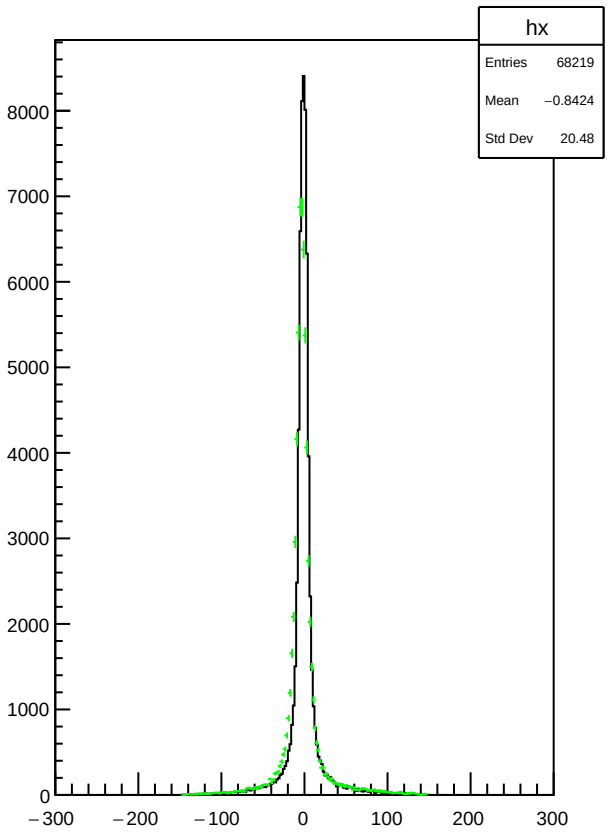
Plot 14 TrackAnalysis/Track_lkr_cell_minxy 31



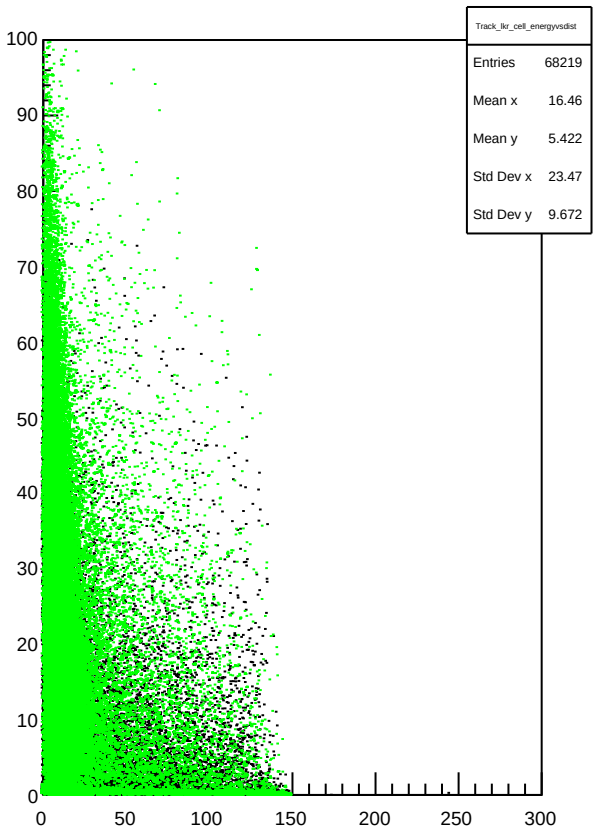
Plot 14 TrackAnalysis/Track_lkr_cell_minxy 31



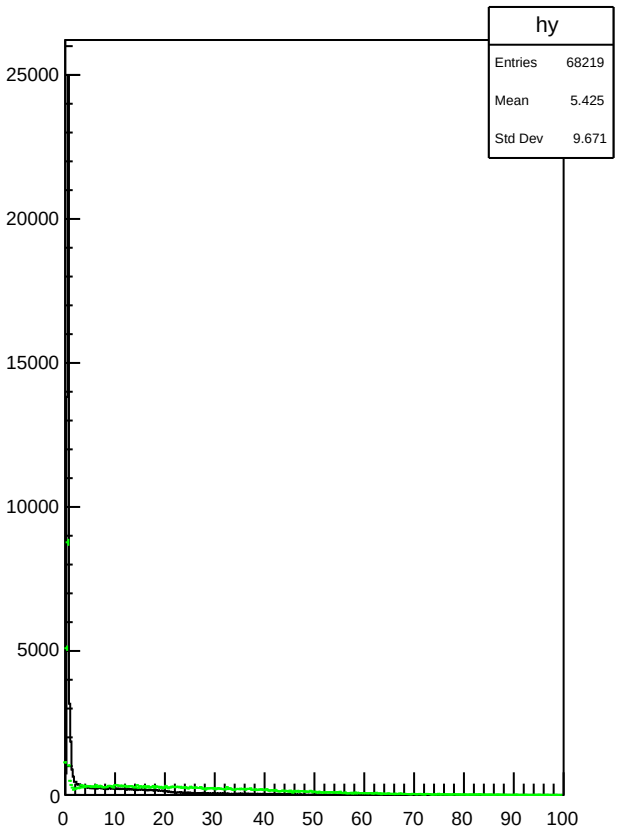
Plot 14 TrackAnalysis/Track_lkr_cell_minxy 31



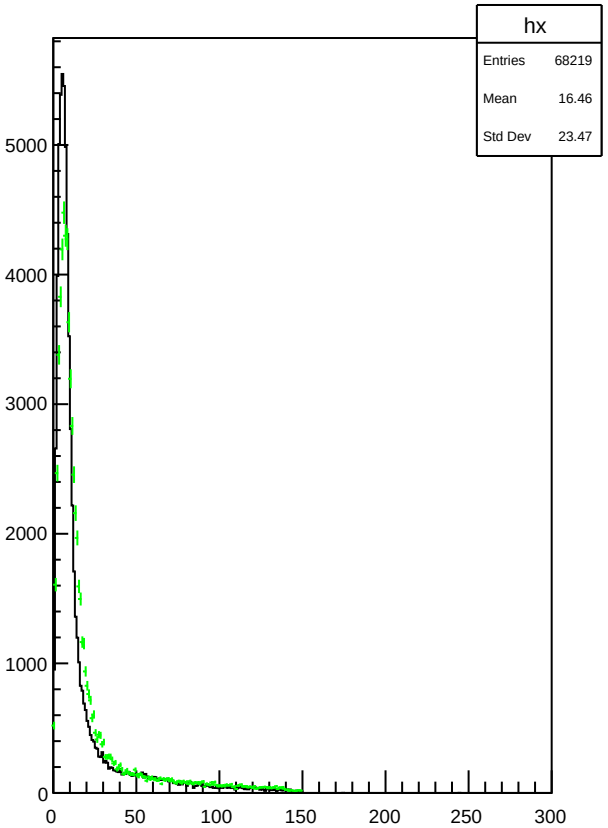
Plot 15 TrackAnalysis/Track_lkr_cell_energyvsdist 32



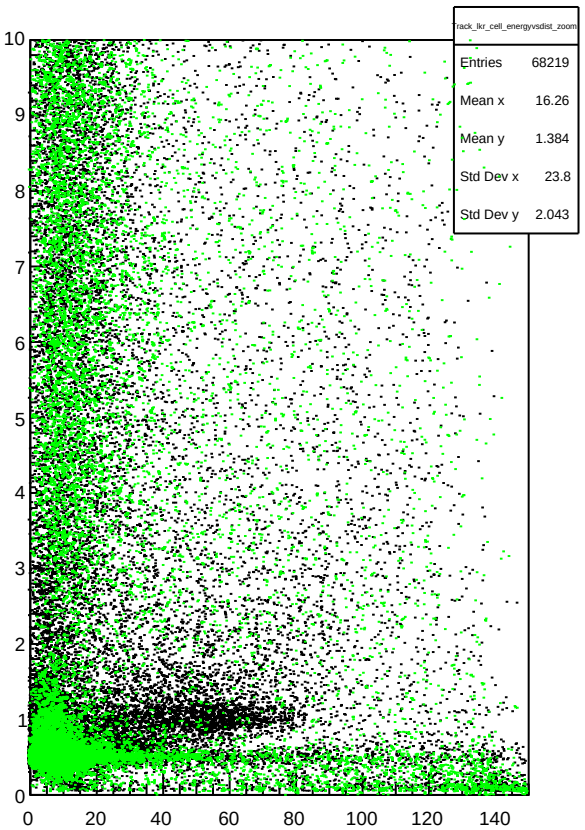
Plot 15 TrackAnalysis/Track_lkr_cell_energyvsdist 32



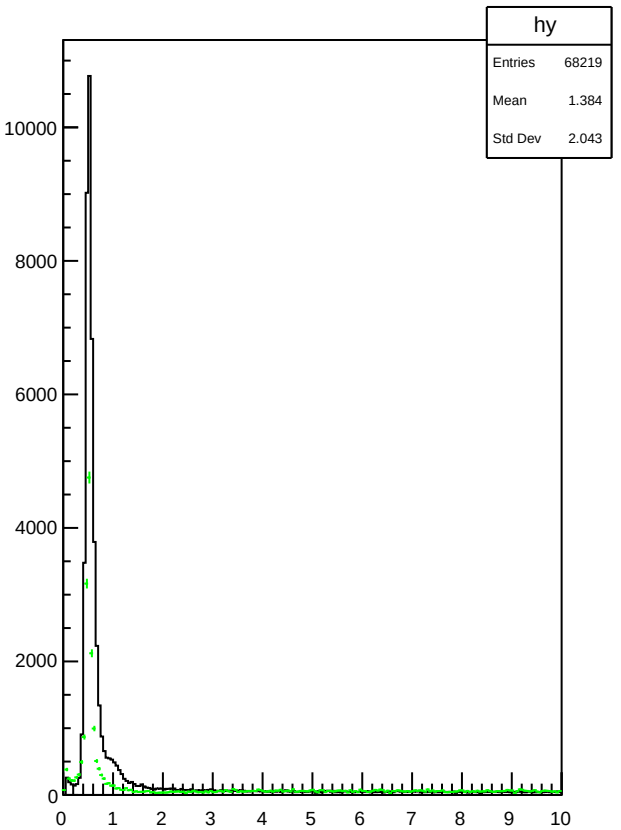
Plot 15 TrackAnalysis/Track_lkr_cell_energyvsdist 32



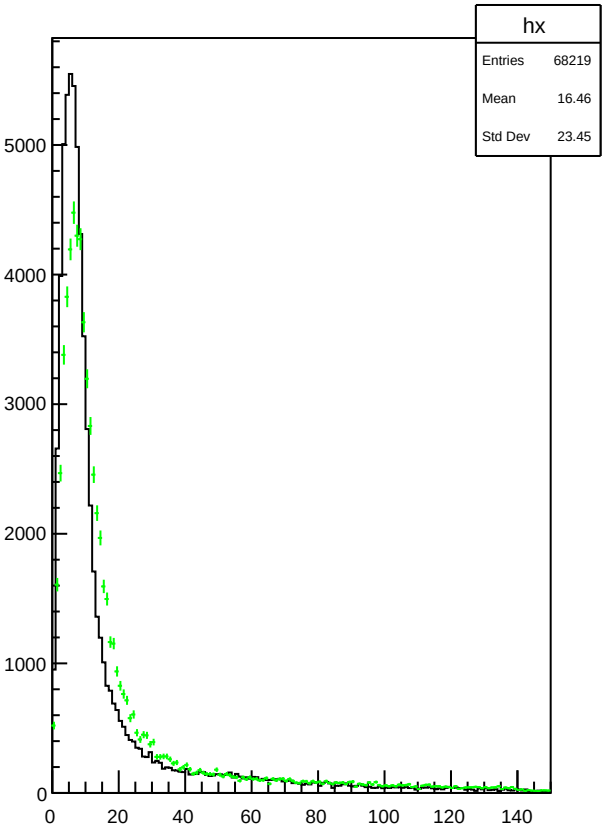
Plot 16 TrackAnalysis/Track_lkr_cell_energyvsdist_zoom 33



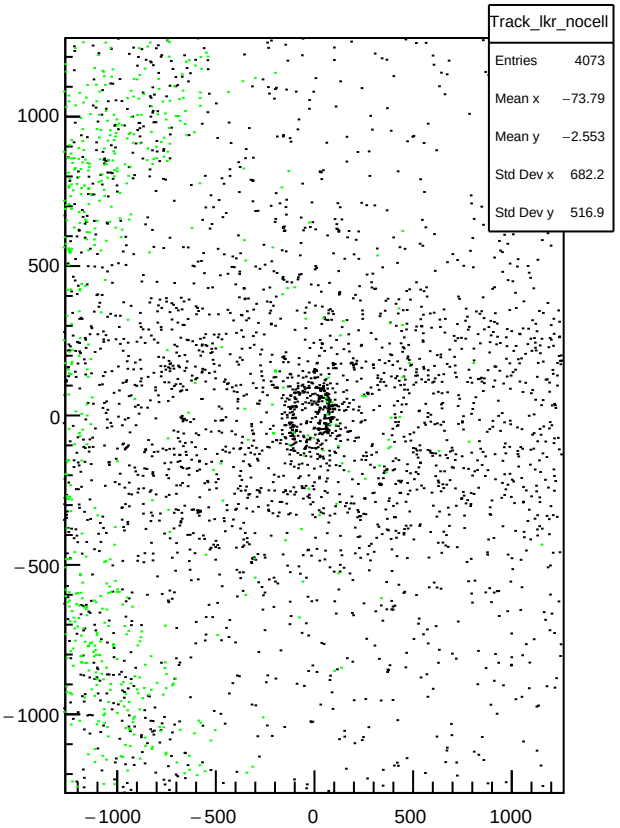
Plot 16 TrackAnalysis/Track_lkr_cell_energyvsdist_zoom 33



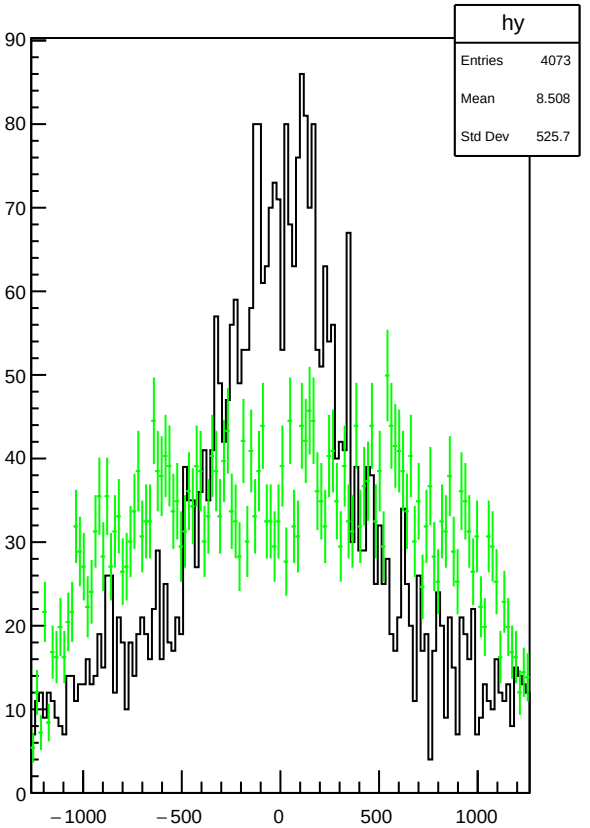
Plot 16 TrackAnalysis/Track_lkr_cell_energyvsdist_zoom 33



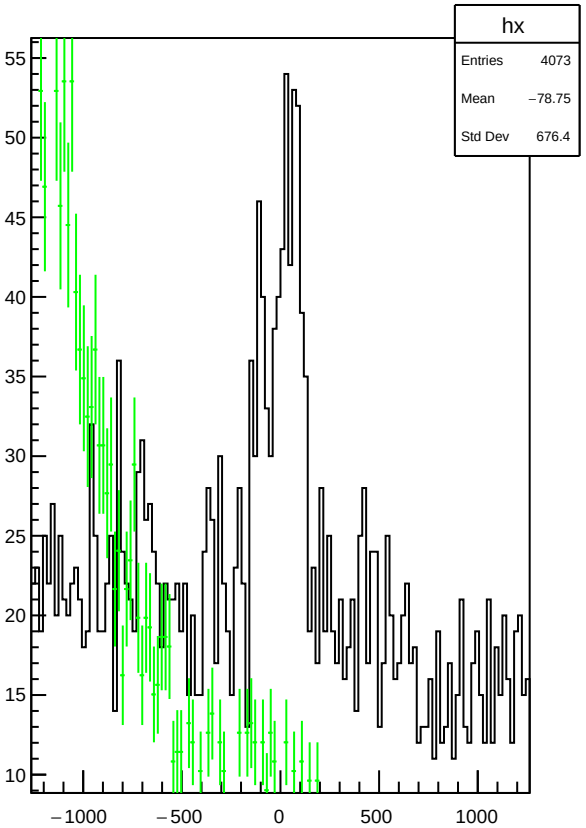
Plot 17 TrackAnalysis/Track_lkr_nocell 34



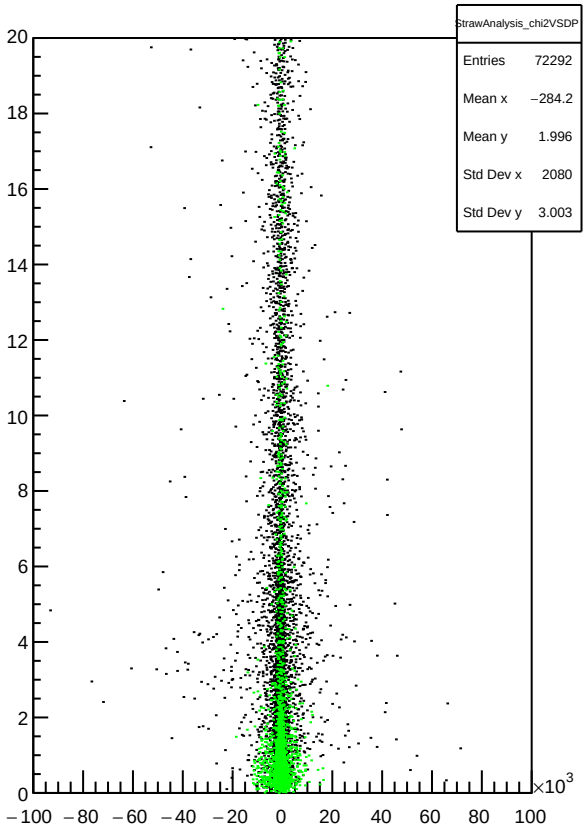
Plot 17 TrackAnalysis/Track_lkr_nocell 34



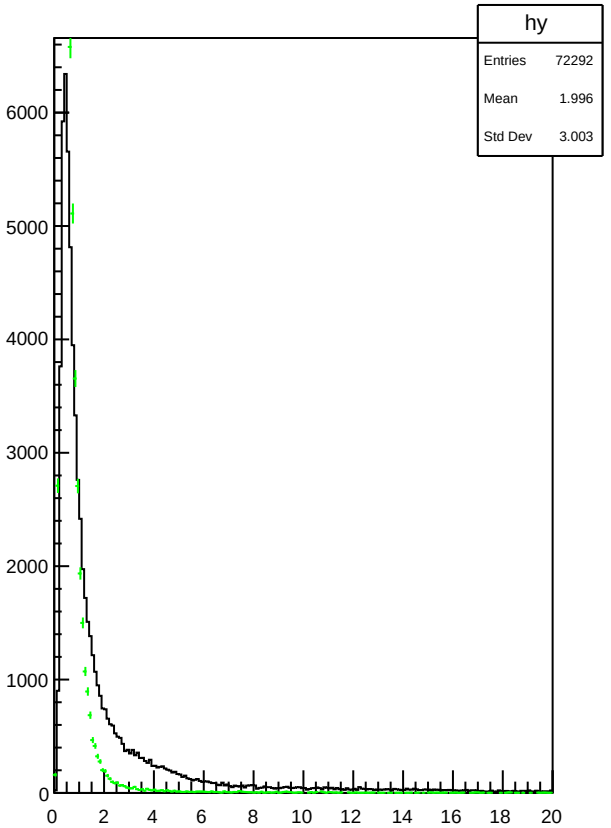
Plot 17 TrackAnalysis/Track_lkr_nocell 34



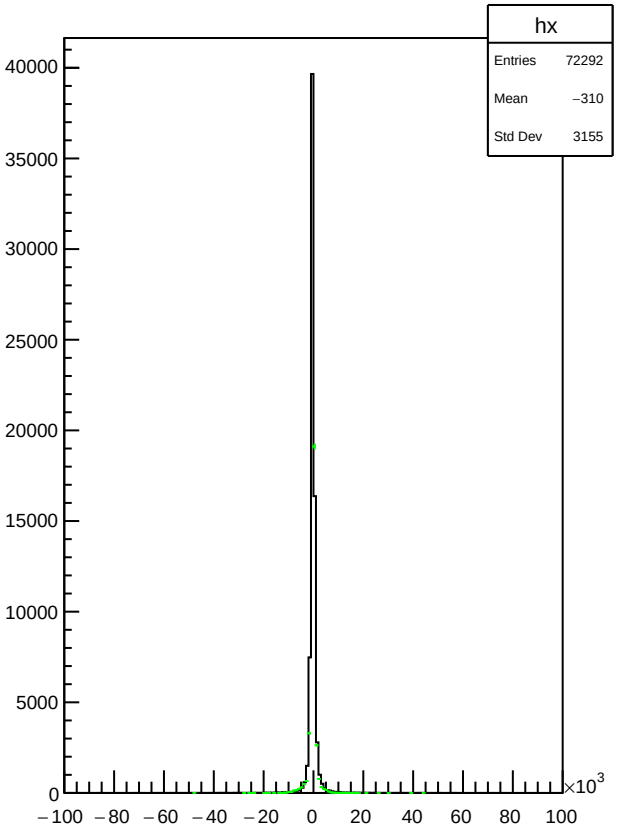
Plot 18 TrackAnalysis/StrawAnalysis_chi2VSDP 52



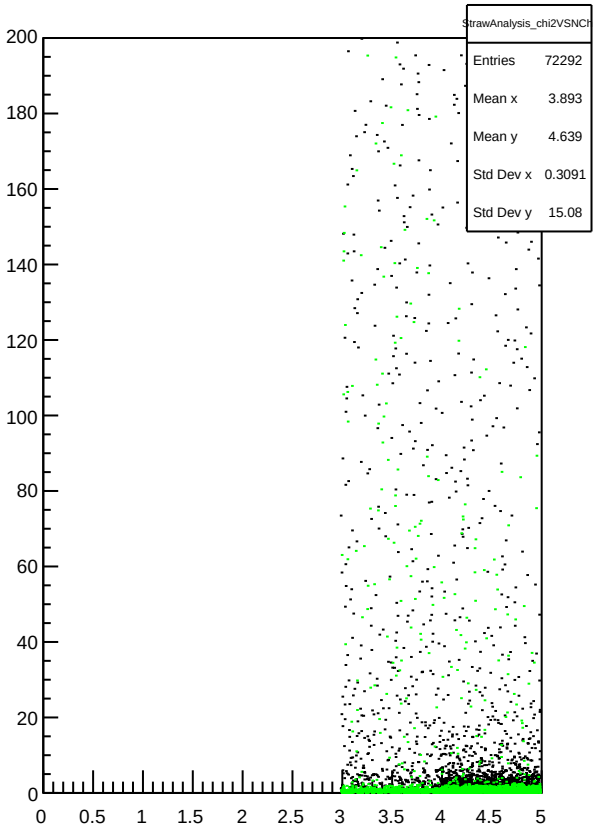
Plot 18 TrackAnalysis/StrawAnalysis_chi2VSDP 52



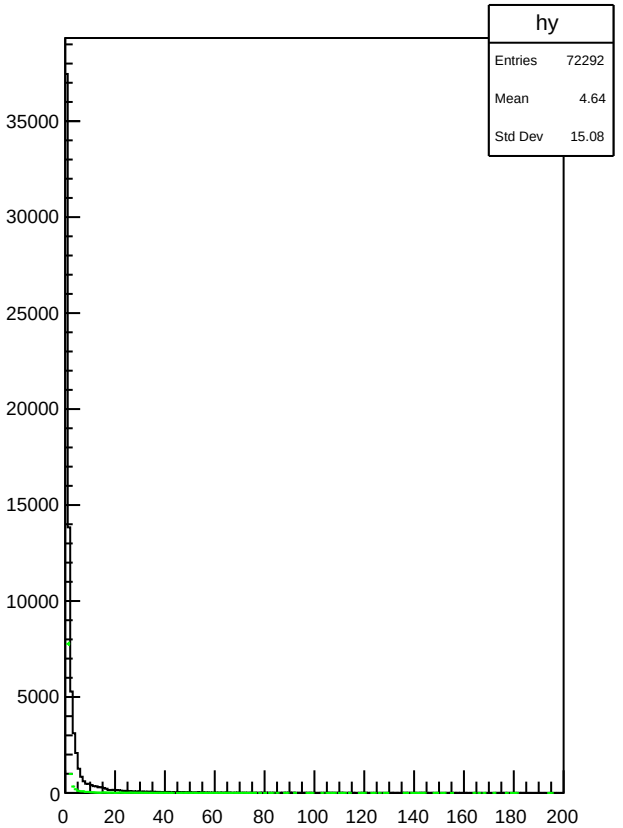
Plot 18 TrackAnalysis/StrawAnalysis_chi2VSDP 52



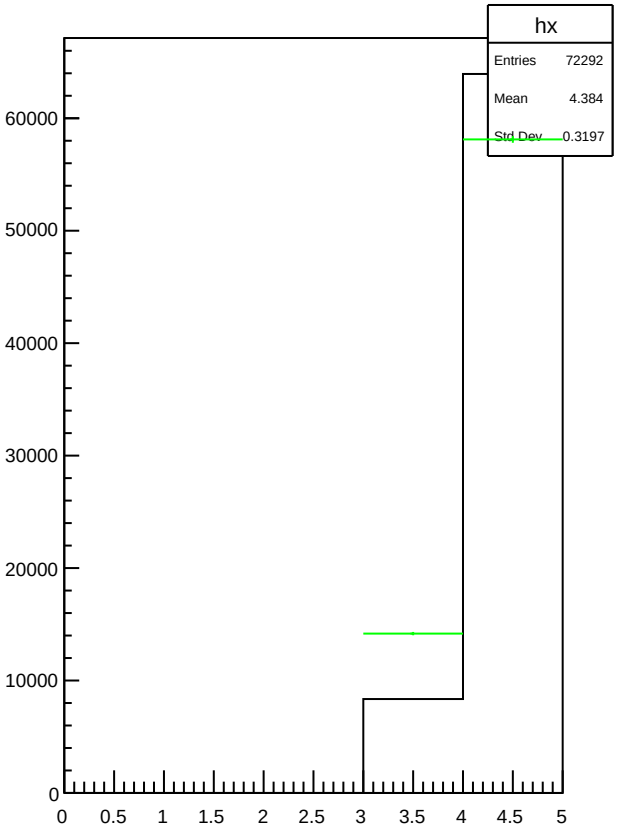
Plot 19 TrackAnalysis/StrawAnalysis_chi2VSNCh 53



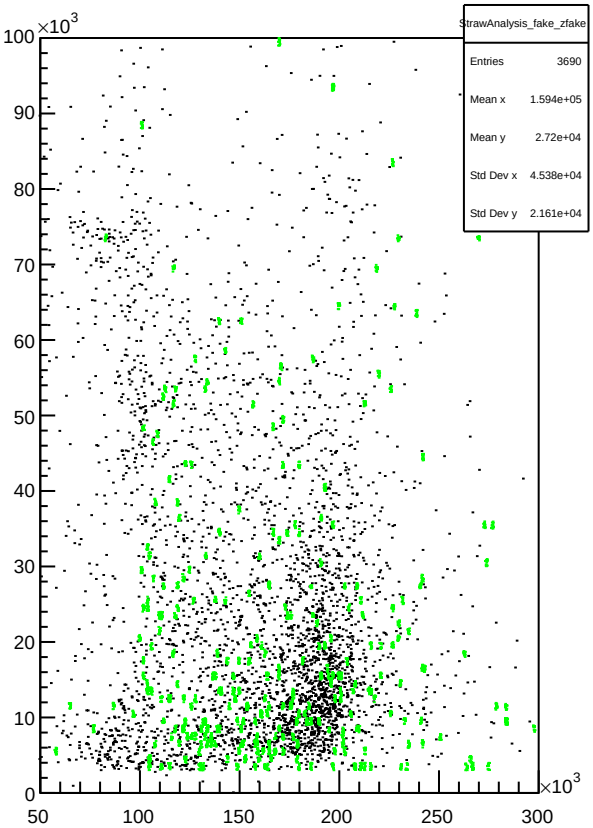
Plot 19 TrackAnalysis/StrawAnalysis_chi2VSNCh 53



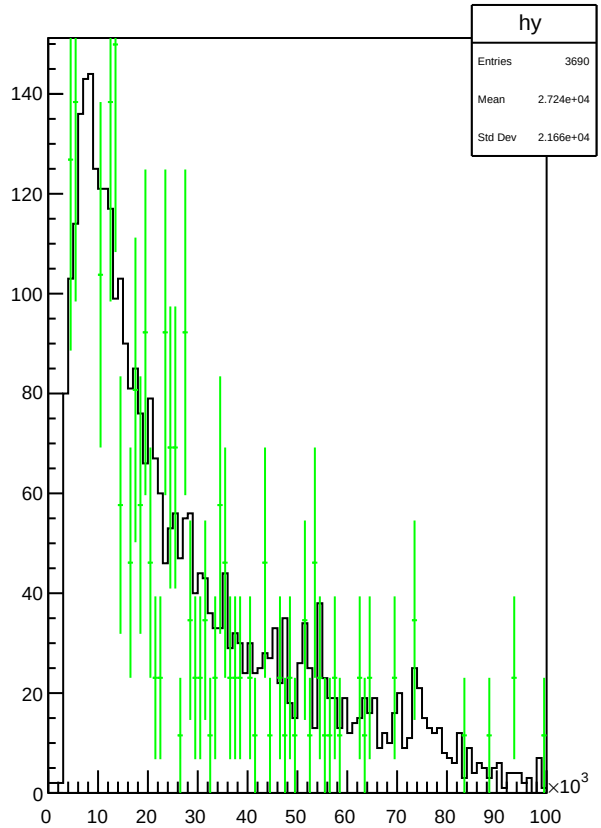
Plot 19 TrackAnalysis/StrawAnalysis_chi2VSNCh 53



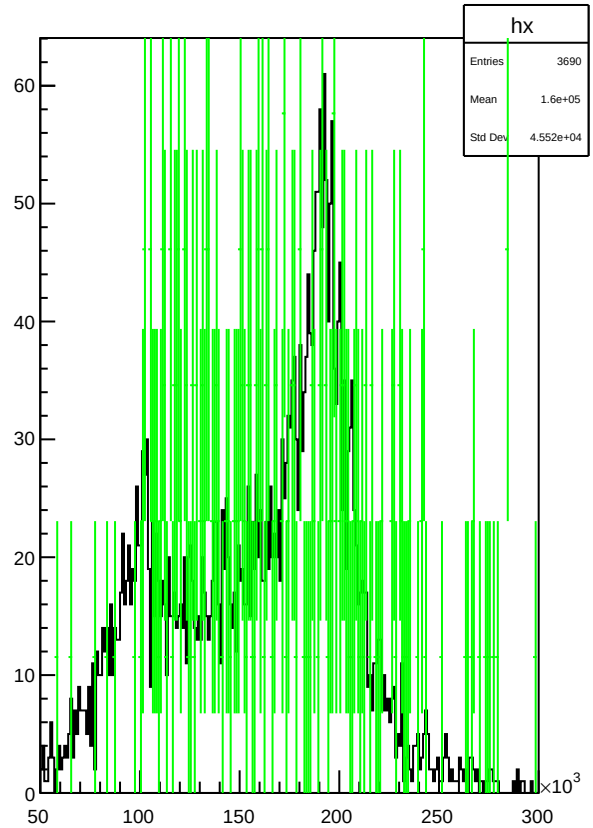
Plot 20 TrackAnalysis/StrawAnalysis_fake_zfake 54



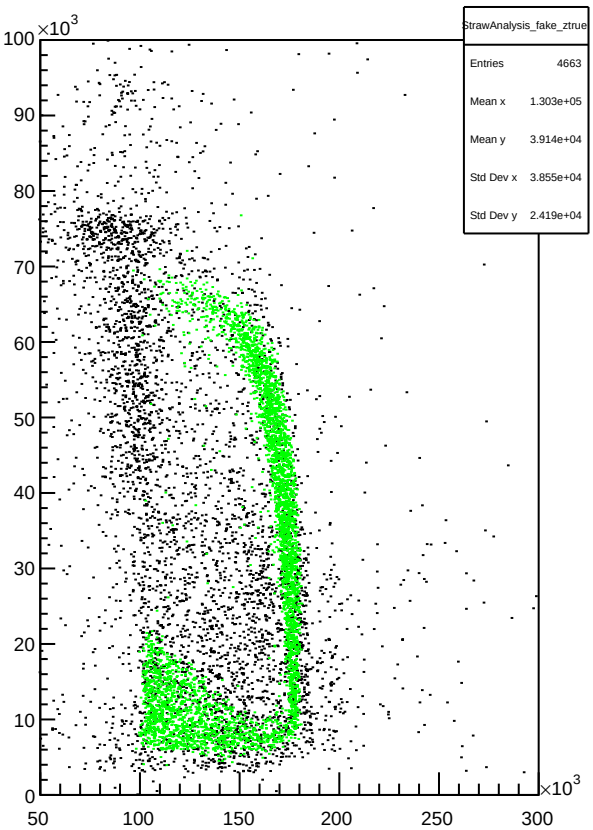
Plot 20 TrackAnalysis/StrawAnalysis_fake_zfake 54



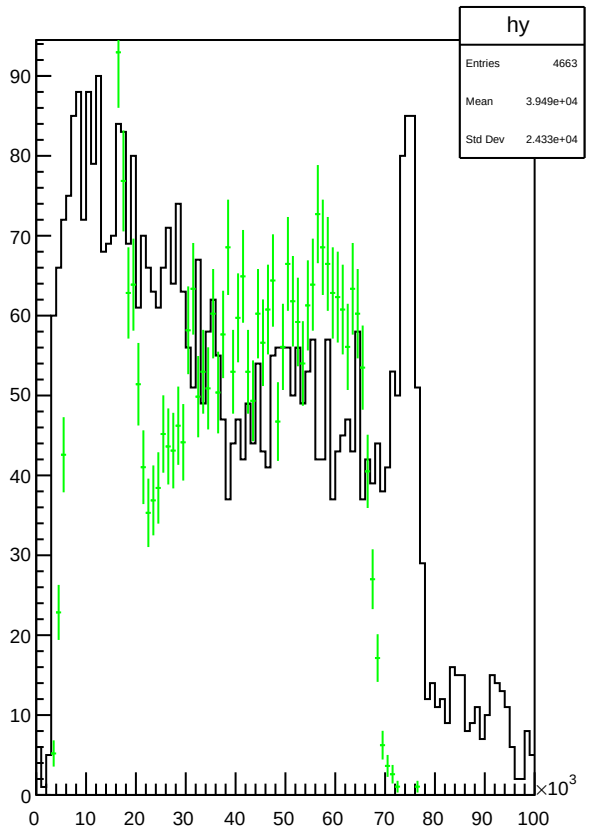
Plot 20 TrackAnalysis/StrawAnalysis_fake_zfake 54



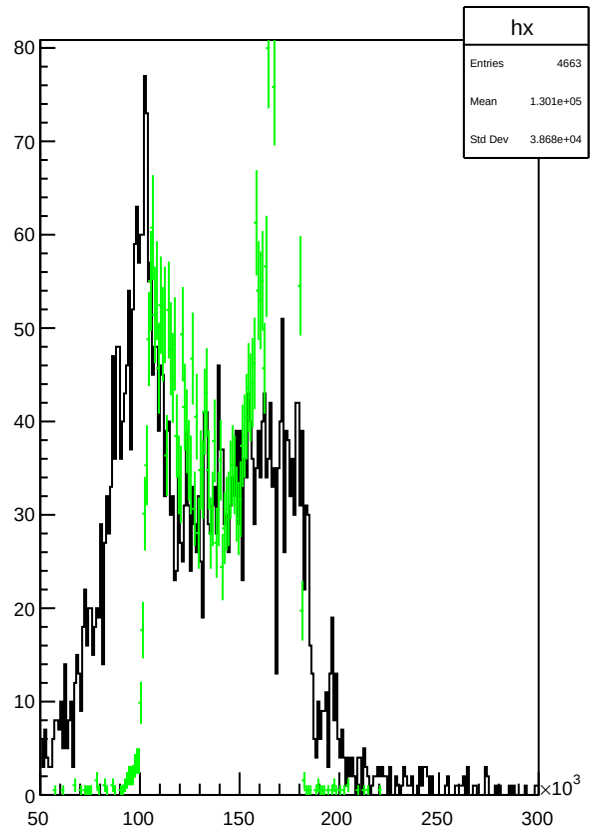
Plot 21 TrackAnalysis/StrawAnalysis_fake_ztrue 55



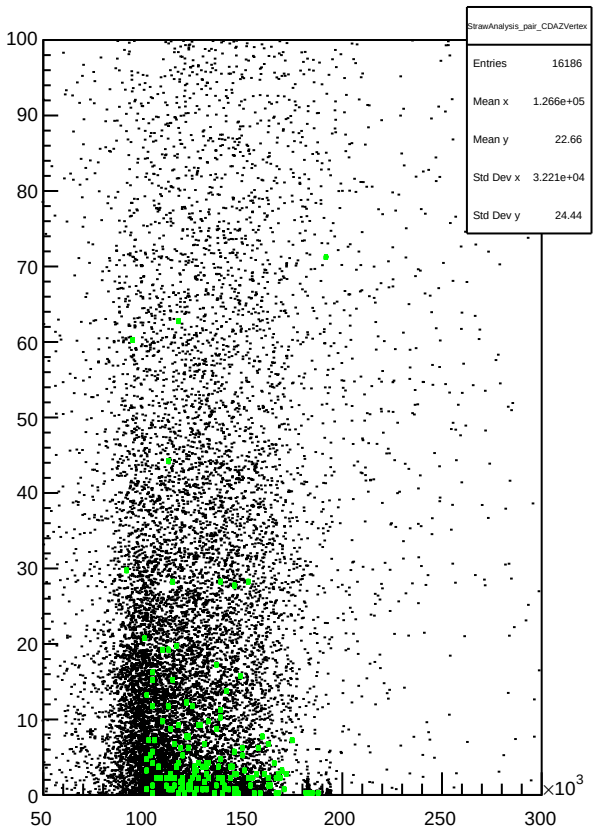
Plot 21 TrackAnalysis/StrawAnalysis_fake_ztrue 55



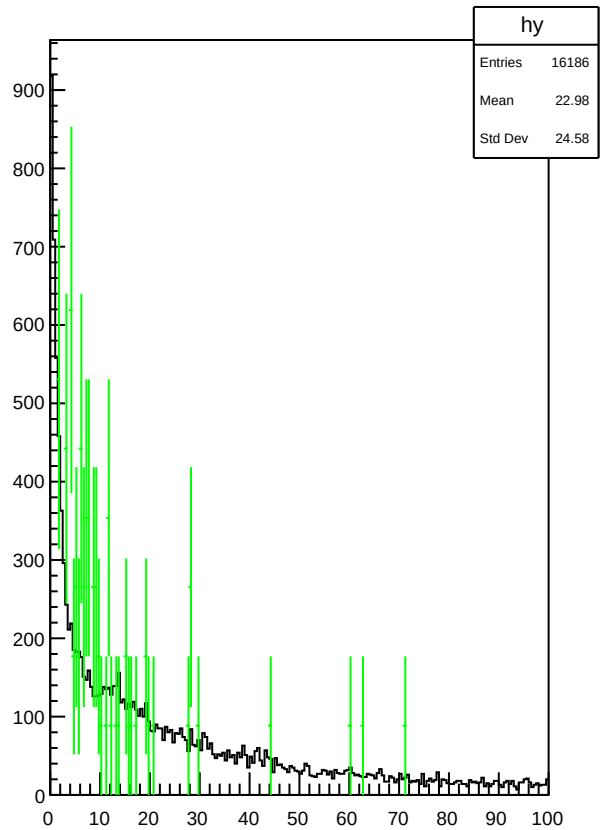
Plot 21 TrackAnalysis/StrawAnalysis_fake_ztrue 55



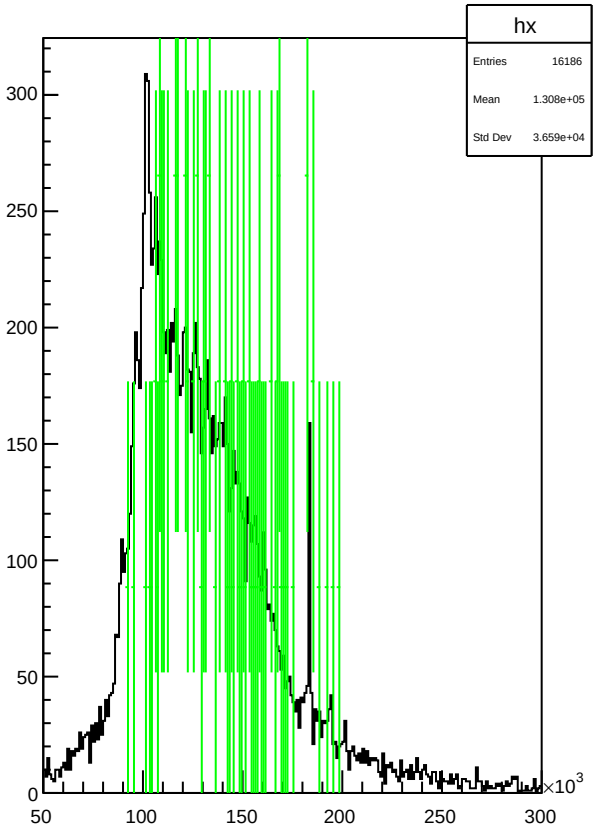
Plot 22 TrackAnalysis/StrawAnalysis_pair_CDAZVertex 57



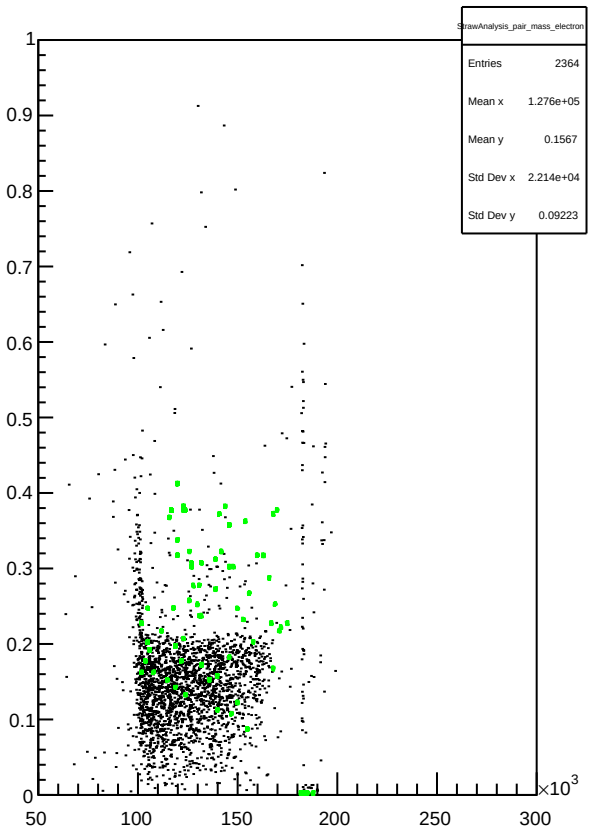
Plot 22 TrackAnalysis/StrawAnalysis_pair_CDAZVertex 57



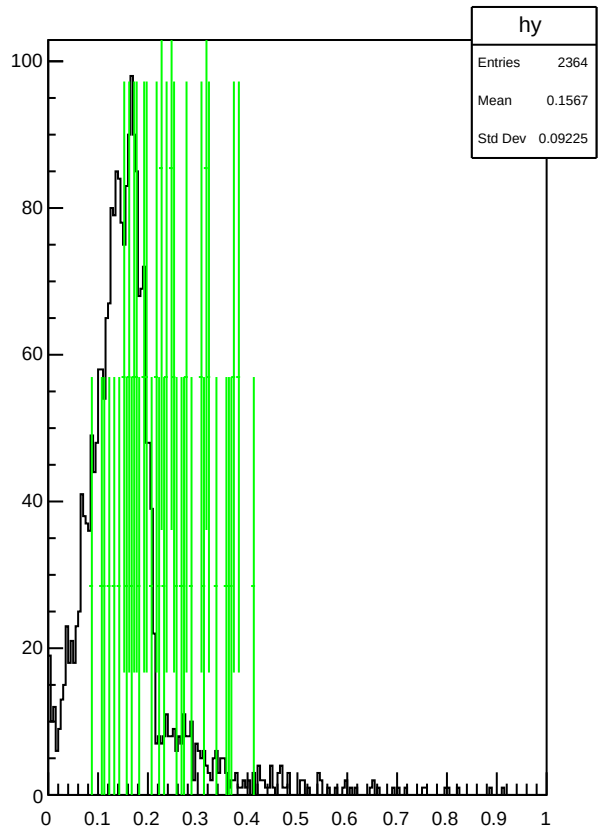
Plot 22 TrackAnalysis/StrawAnalysis_pair_CDAZVertex 57



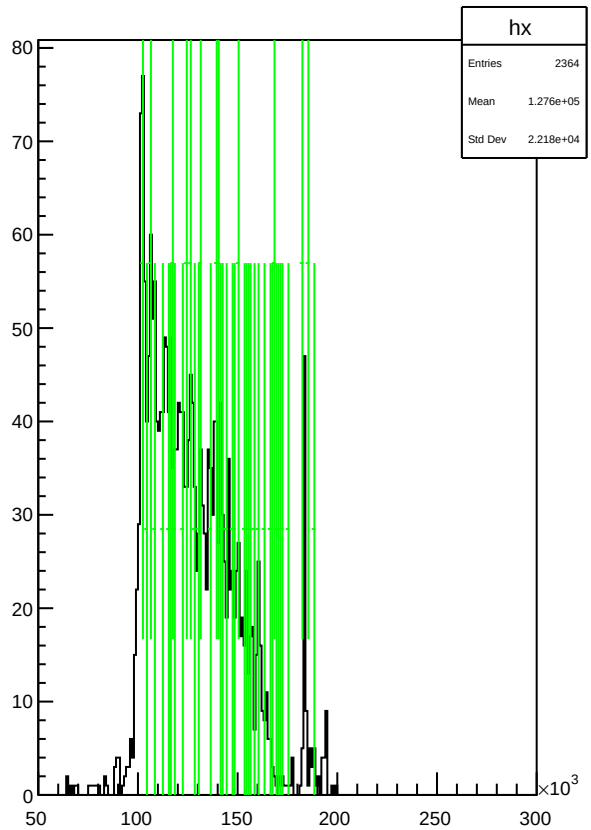
Plot 23 TrackAnalysis/StrawAnalysis_pair_mass_electron 65



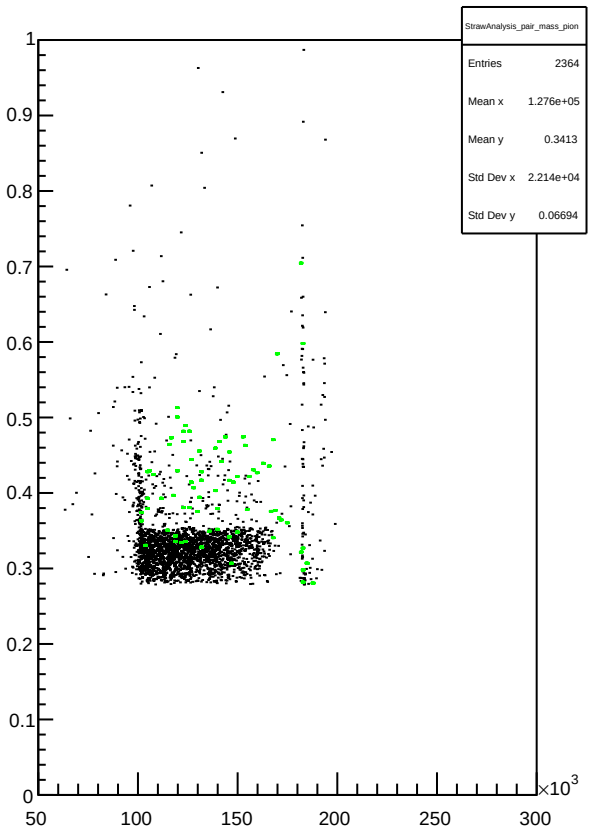
Plot 23 TrackAnalysis/StrawAnalysis_pair_mass_electron 65



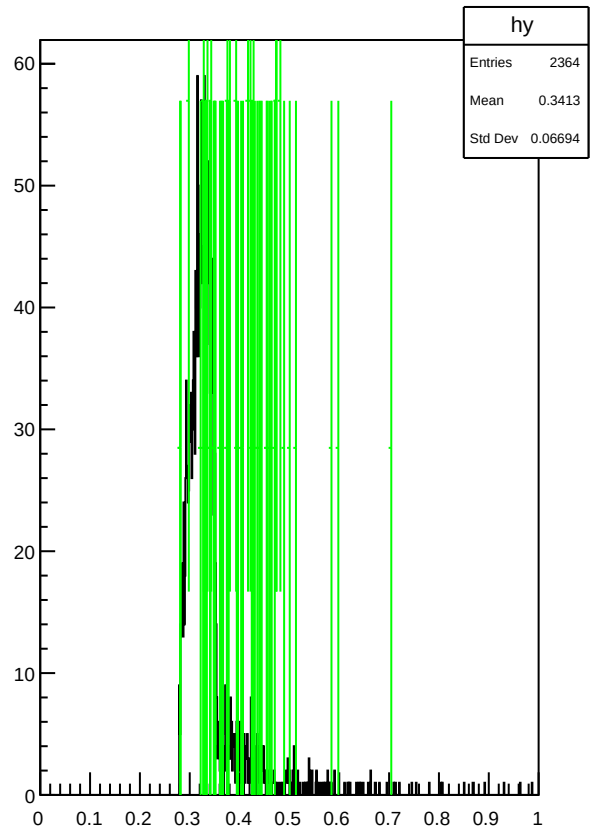
Plot 23 TrackAnalysis/StrawAnalysis_pair_mass_electron 65



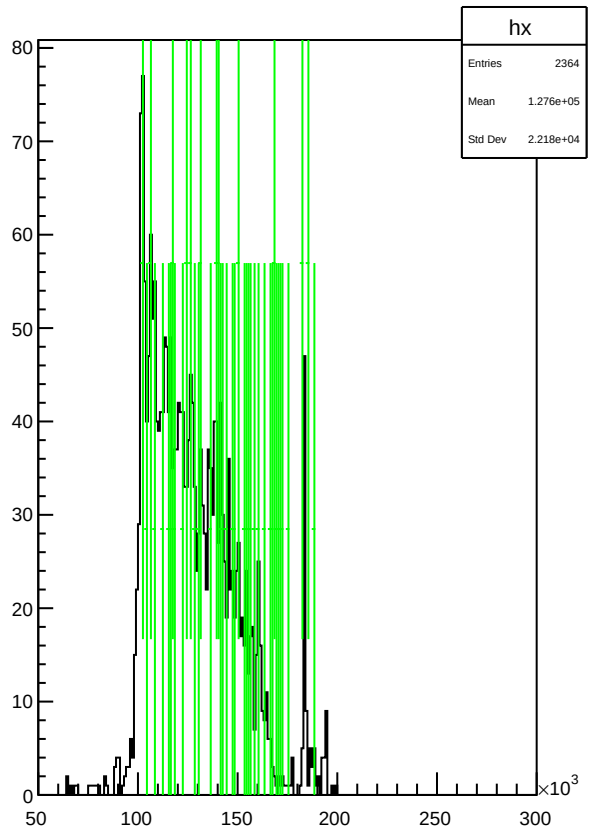
Plot 24 TrackAnalysis/StrawAnalysis_pair_mass_pion 66



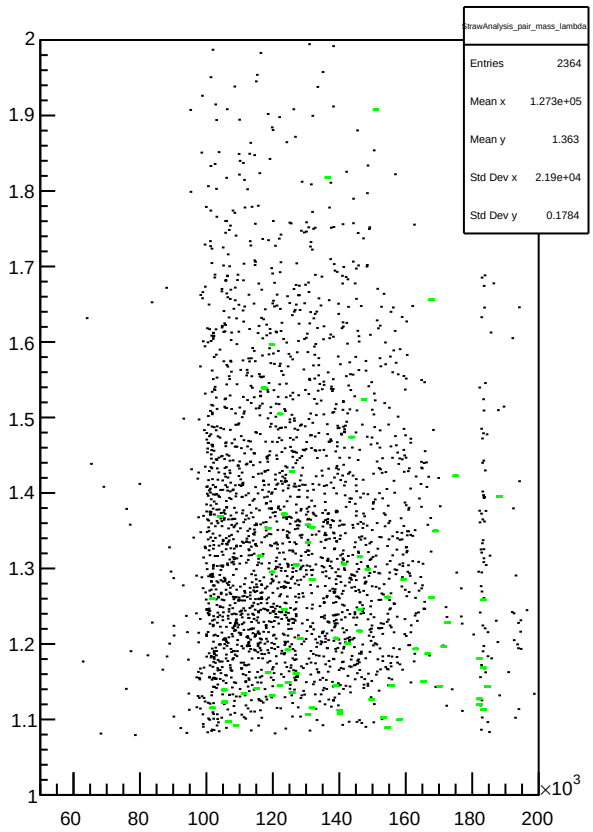
Plot 24 TrackAnalysis/StrawAnalysis_pair_mass_pion 66



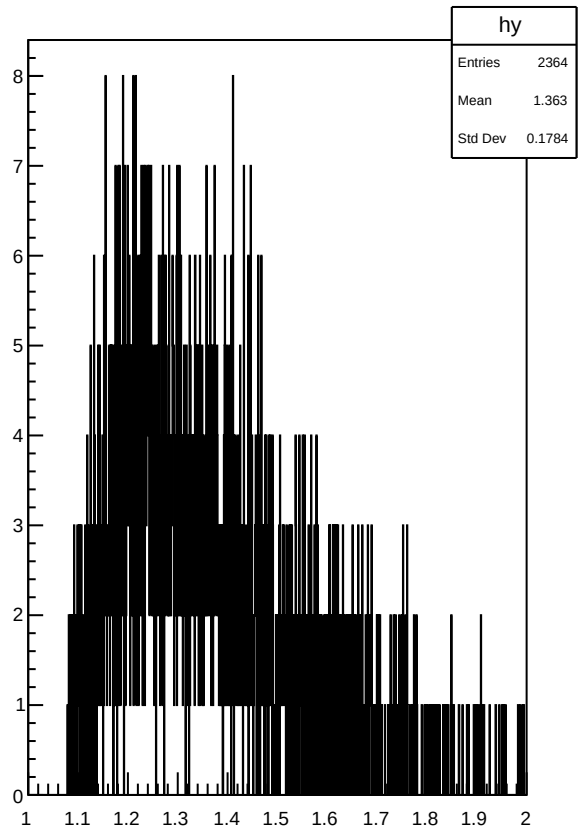
Plot 24 TrackAnalysis/StrawAnalysis_pair_mass_pion 66



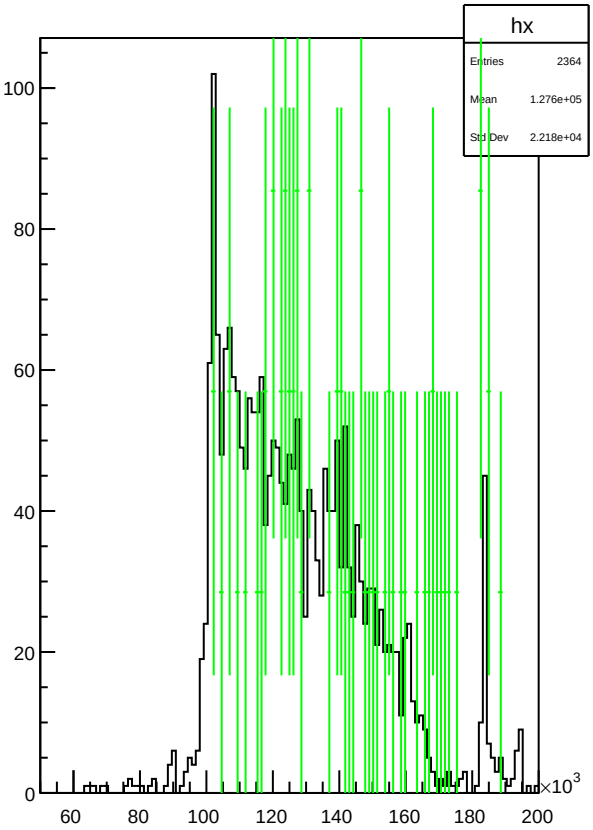
Plot 25 TrackAnalysis/StrawAnalysis_pair_mass_lambda 67



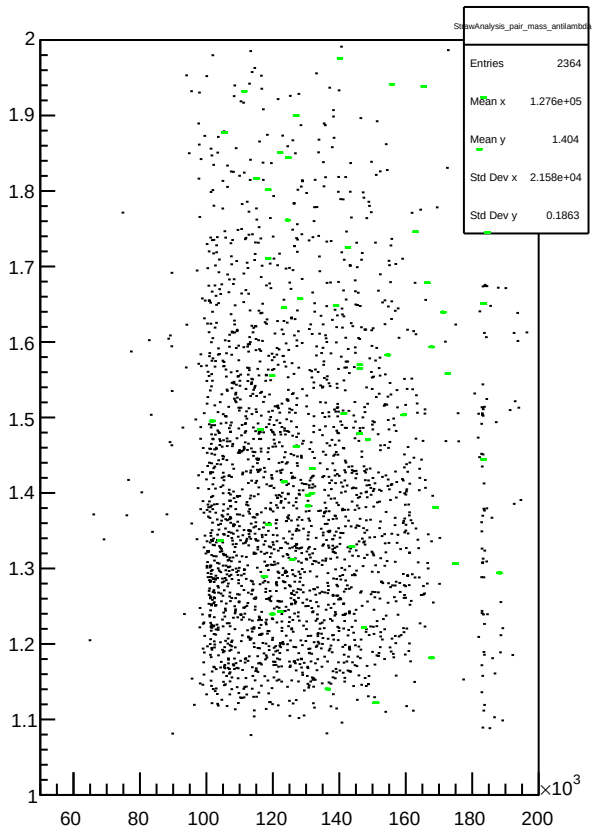
Plot 25 TrackAnalysis/StrawAnalysis_pair_mass_lambda 67



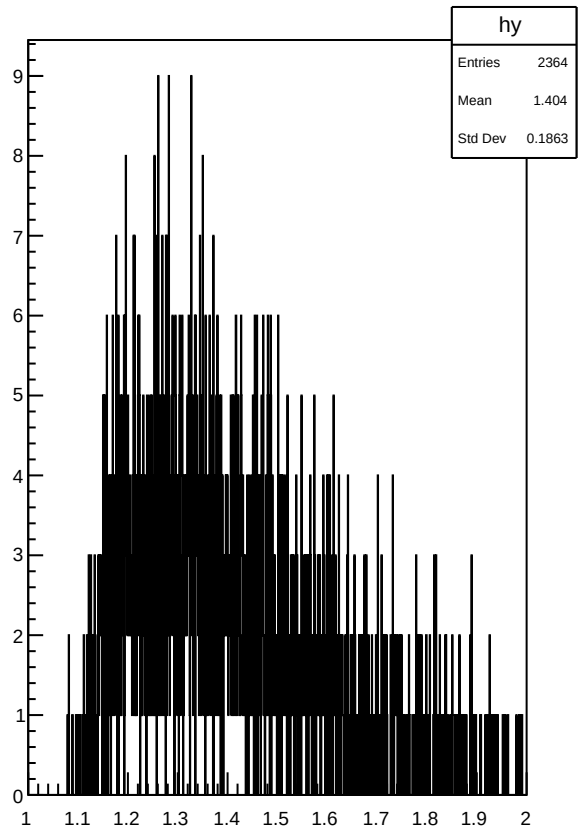
Plot 25 TrackAnalysis/StrawAnalysis_pair_mass_lambda 67



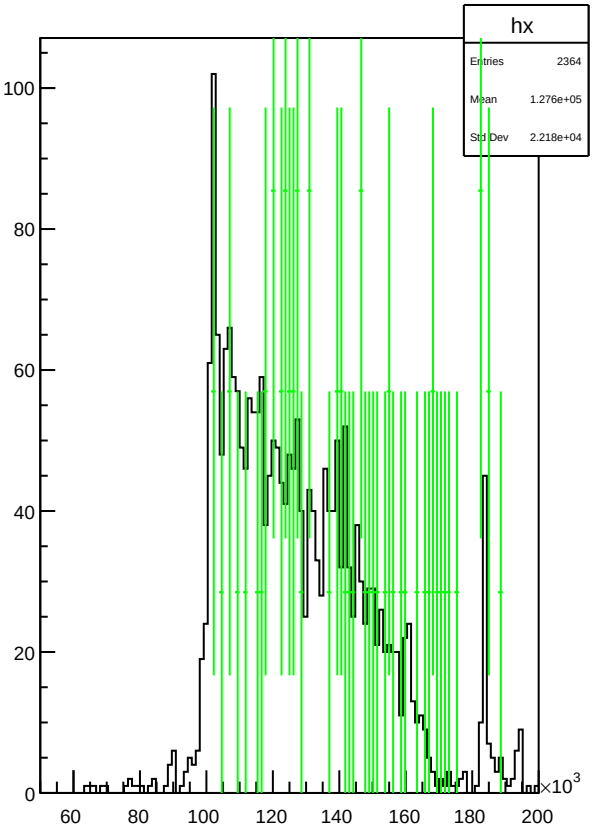
Plot 26 TrackAnalysis/StrawAnalysis_pair_mass_antilambda 68



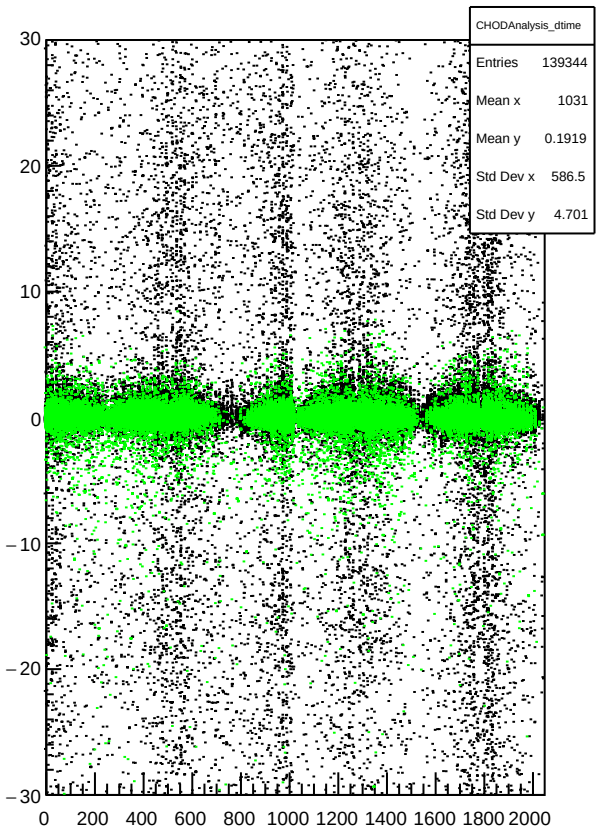
Plot 26 TrackAnalysis/StrawAnalysis_pair_mass_antilambda 68



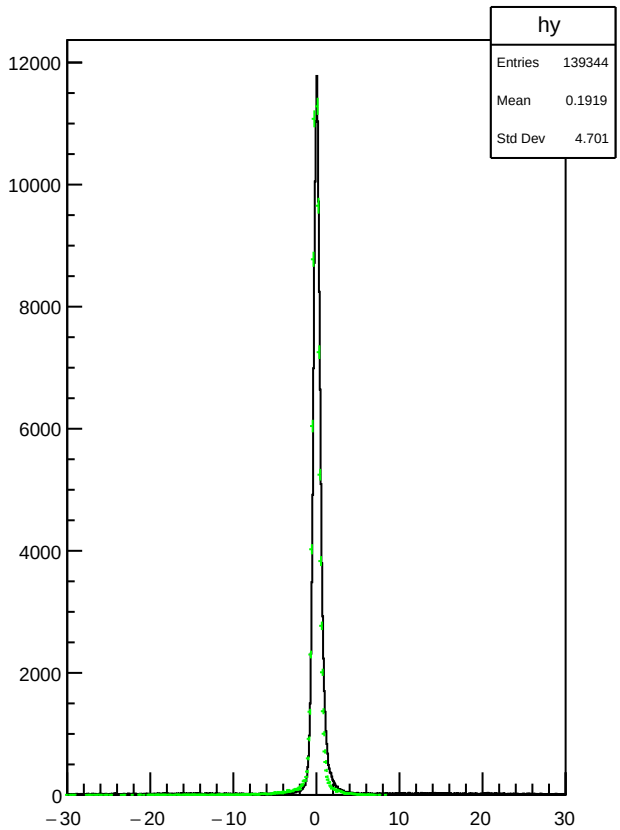
Plot 26 TrackAnalysis/StrawAnalysis_pair_mass_antilambda 68



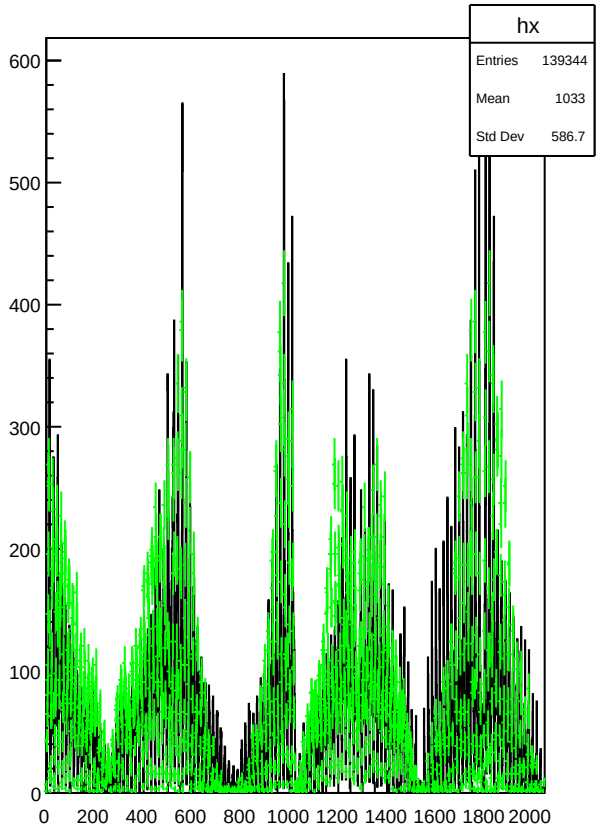
Plot 27 TrackAnalysis/CHODAnalysis_dtime 69



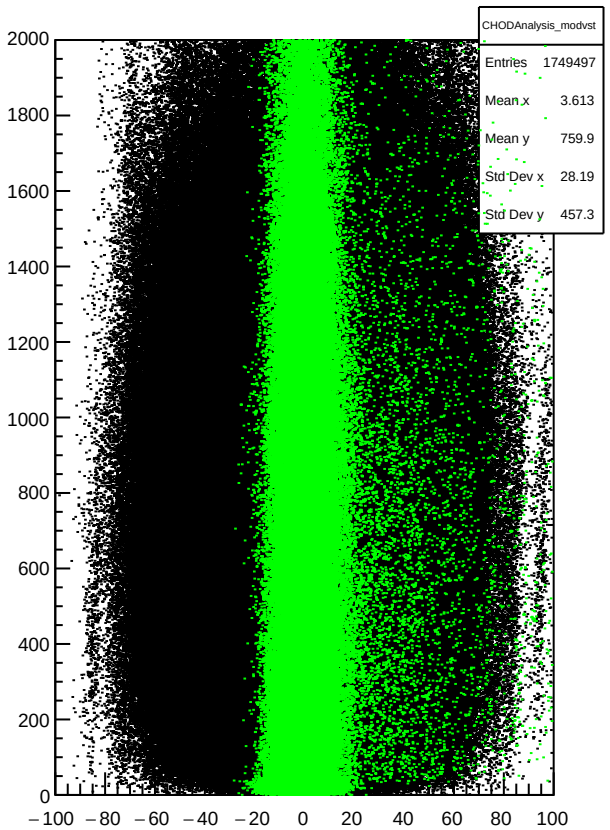
Plot 27 TrackAnalysis/CHODAnalysis_dtime 69



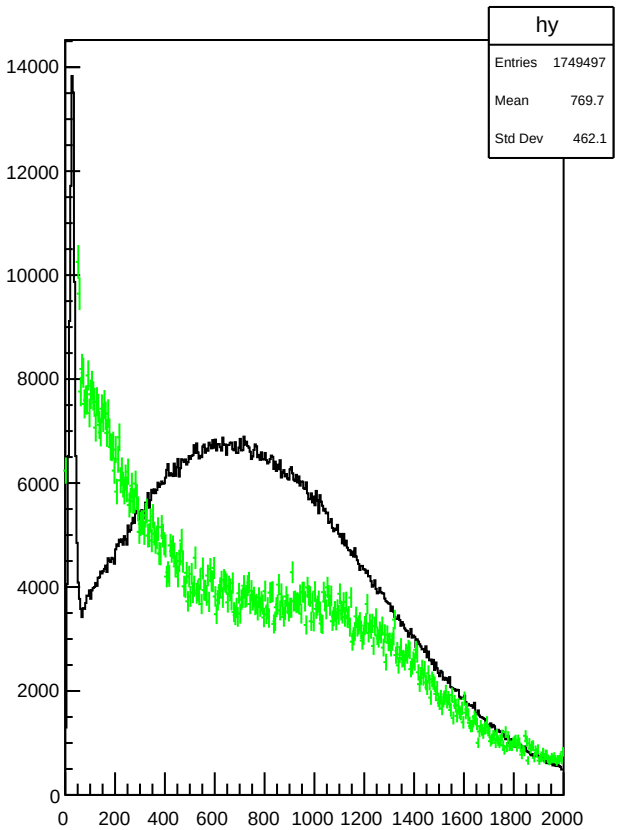
Plot 27 TrackAnalysis/CHODAnalysis_dtime 69



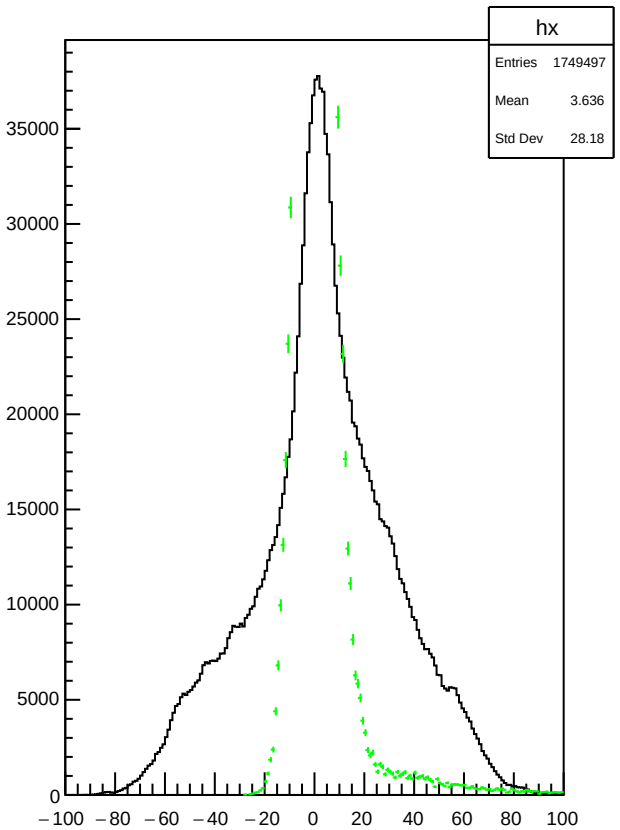
Plot 28 TrackAnalysis/CHODAnalysis_modvst 71



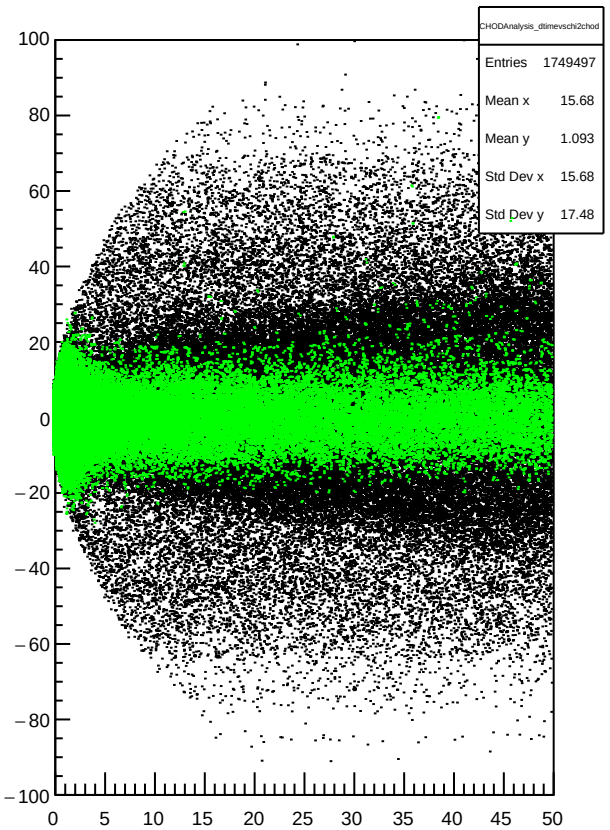
Plot 28 TrackAnalysis/CHODAnalysis_modvst 71



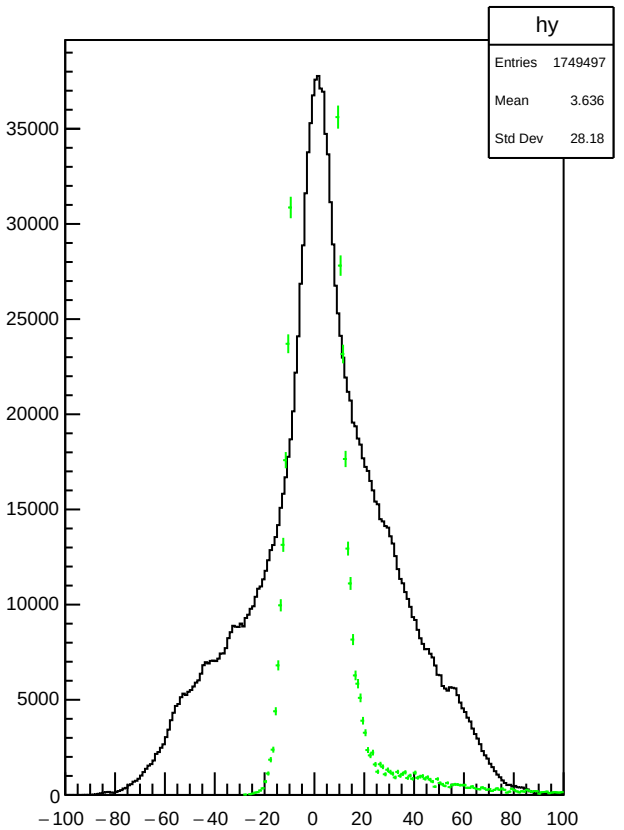
Plot 28 TrackAnalysis/CHODAnalysis_modvst 71



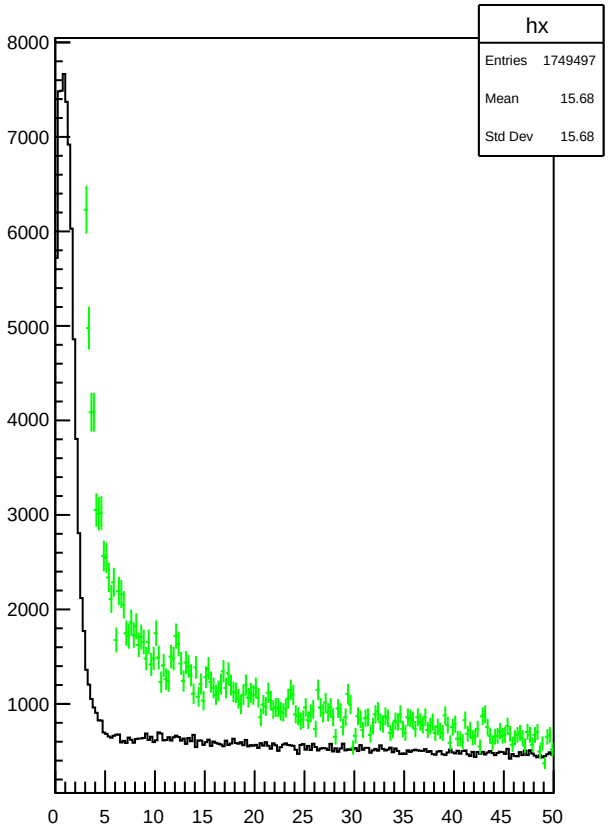
Plot 29 TrackAnalysis/CHODAnalysis_dtimevschi2chod 72



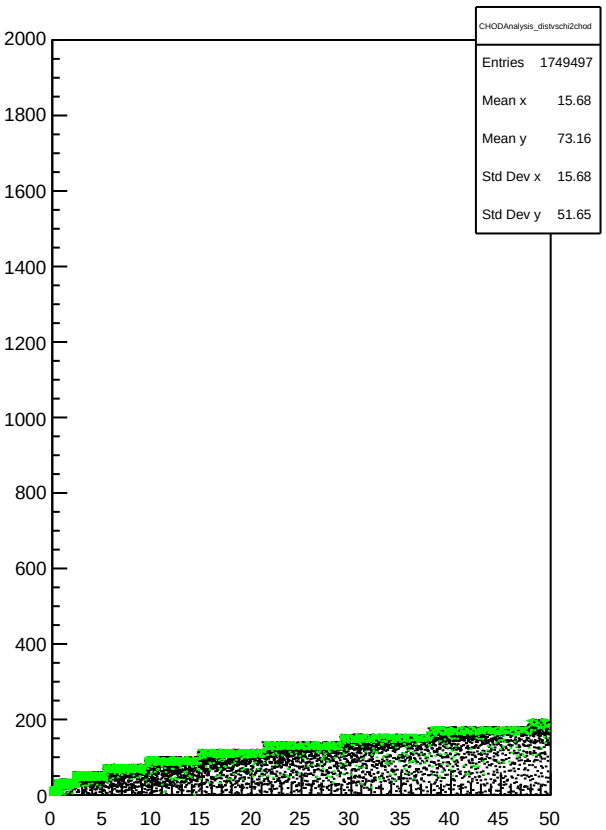
Plot 29 TrackAnalysis/CHODAnalysis_dtimevschi2chod 72



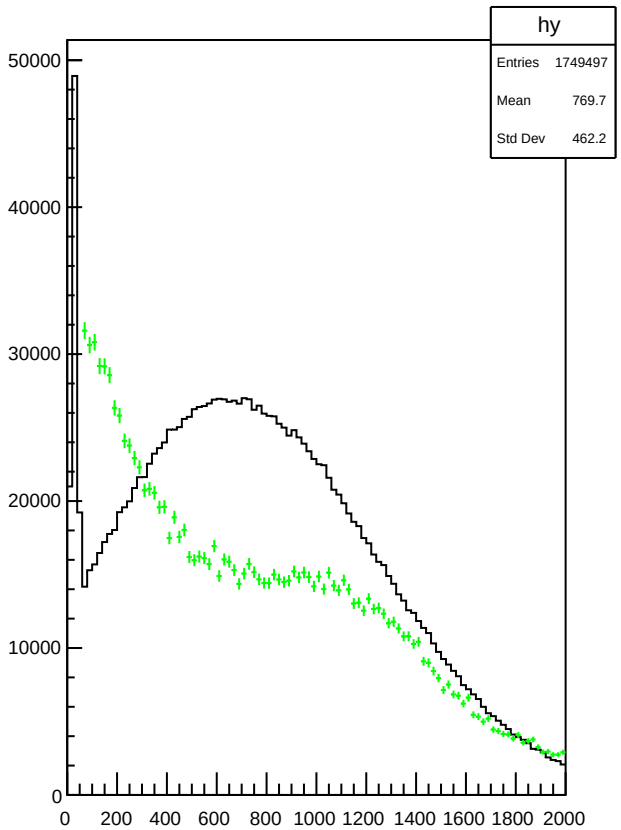
Plot 29 TrackAnalysis/CHODAnalysis_dtimevschi2chod 72



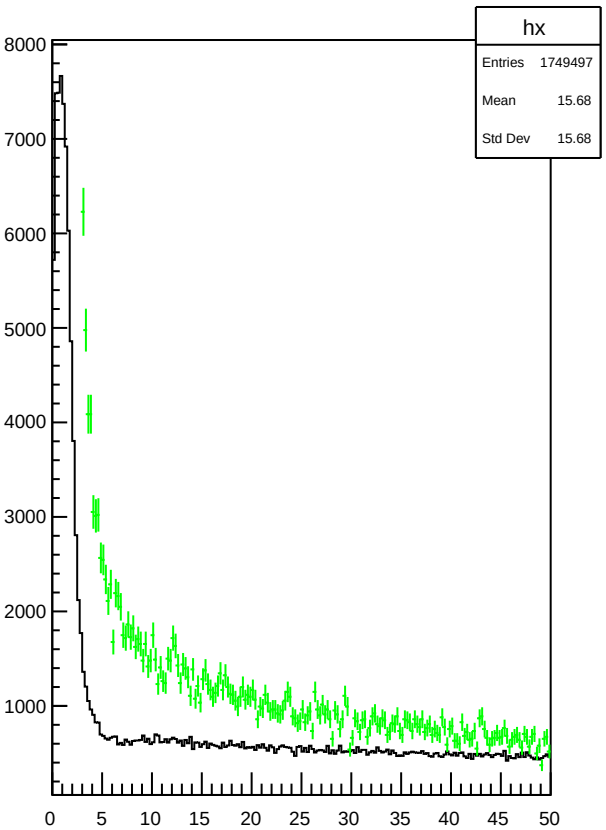
Plot 30 TrackAnalysis/CHODAnalysis_distvschi2chod 73



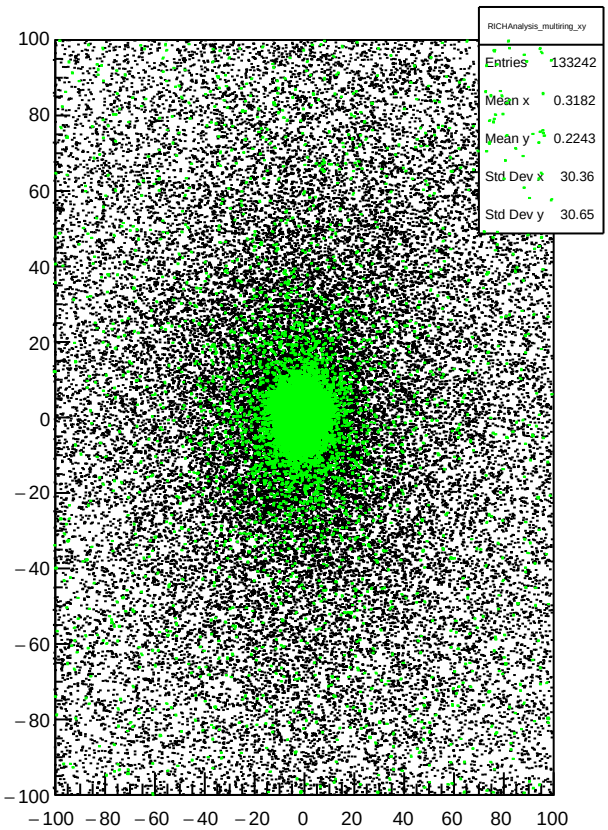
Plot 30 TrackAnalysis/CHODAnalysis_distvschi2chod 73



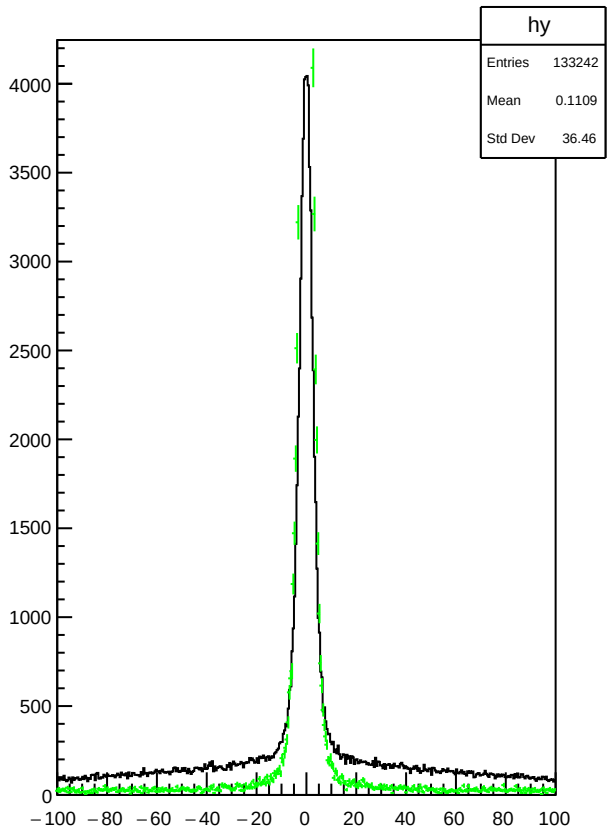
Plot 30 TrackAnalysis/CHODAnalysis_distvschi2chod 73



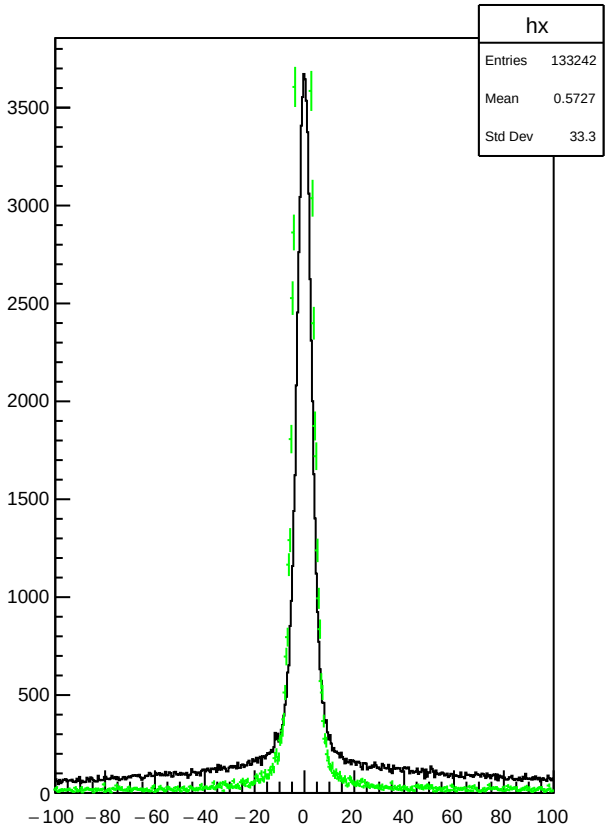
Plot 31 TrackAnalysis/RICHAnalysis_multiring_xy 74



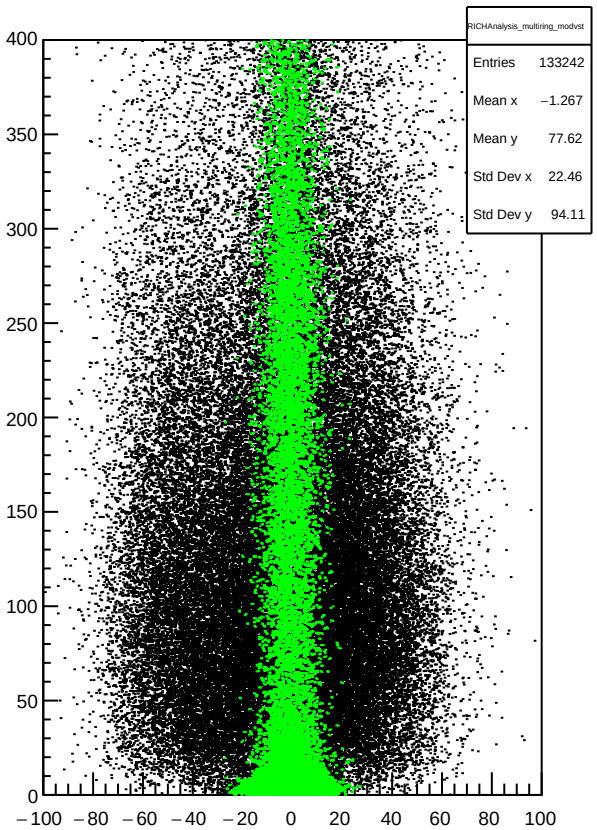
Plot 31 TrackAnalysis/RICHAnalysis_multiring_xy 74



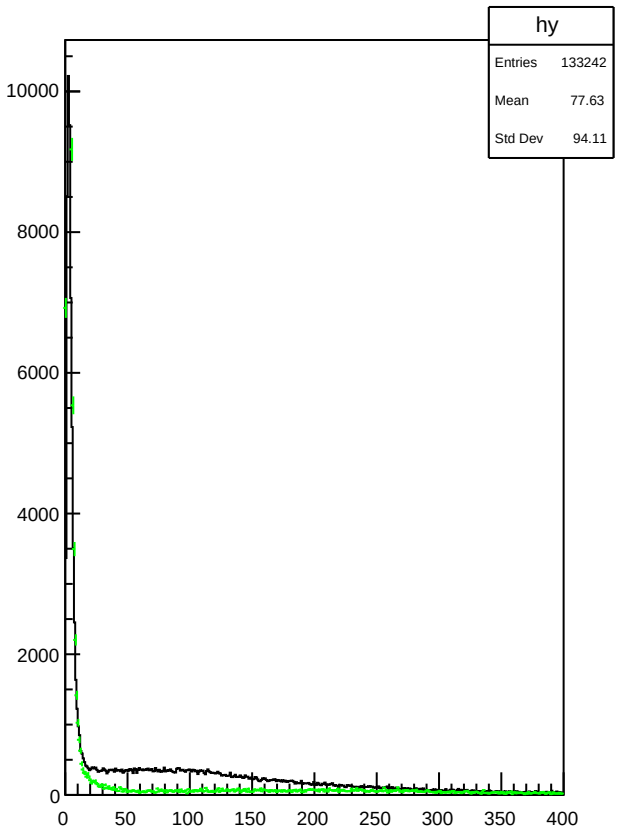
Plot 31 TrackAnalysis/RICHAnalysis_multiring_xy 74



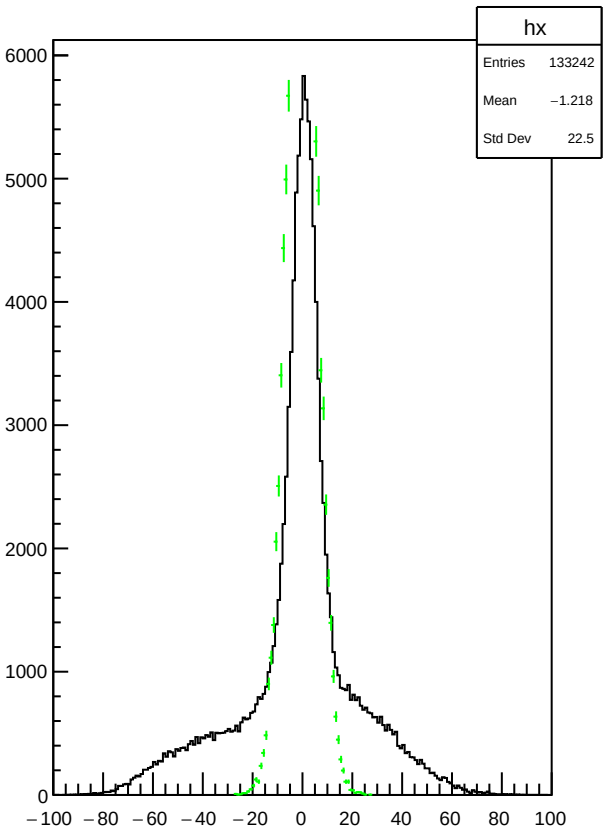
Plot 32 TrackAnalysis/RICHAnalysis_multiring_modvst 75



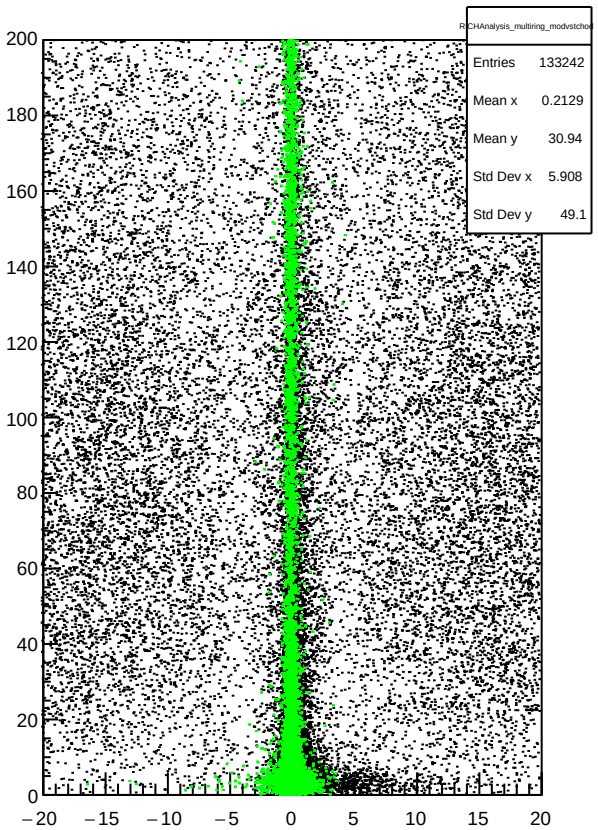
Plot 32 TrackAnalysis/RICHAnalysis_multiring_modvst 75



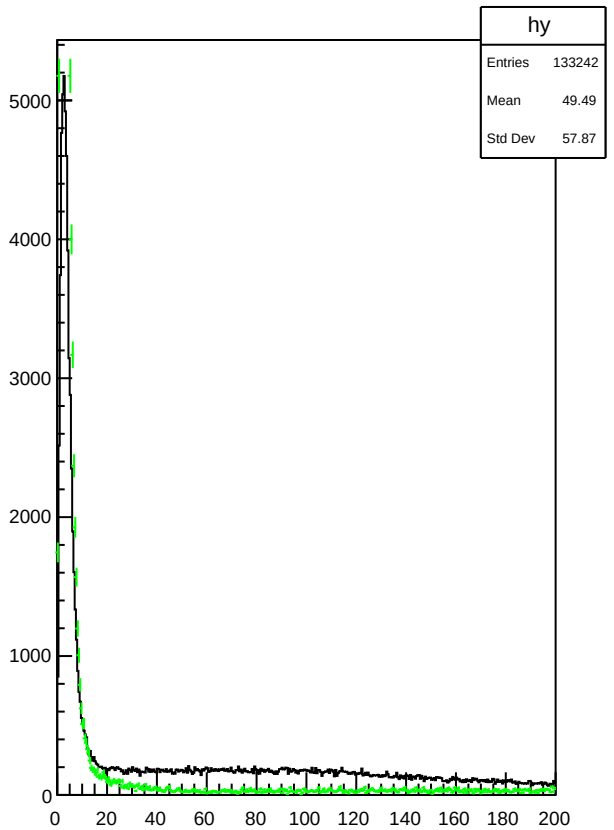
Plot 32 TrackAnalysis/RICHAnalysis_multiring_modvst 75



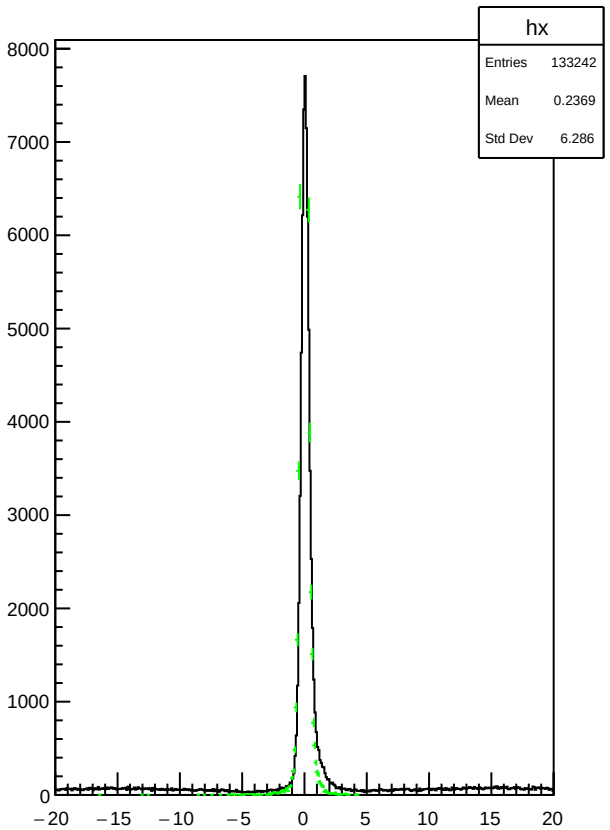
Plot 33 TrackAnalysis/RICHAnalysis_multiring_modvstchod 76



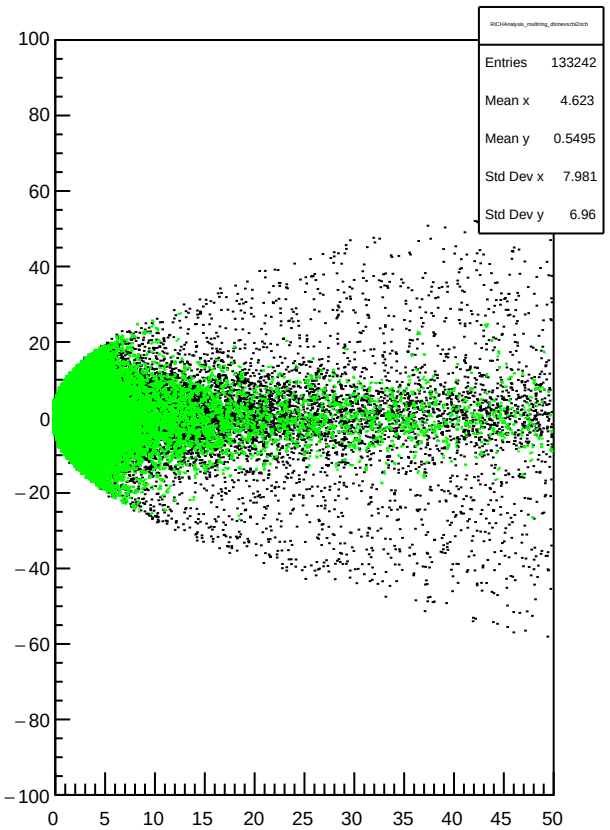
Plot 33 TrackAnalysis/RICHAnalysis_multiring_modvstchod 76



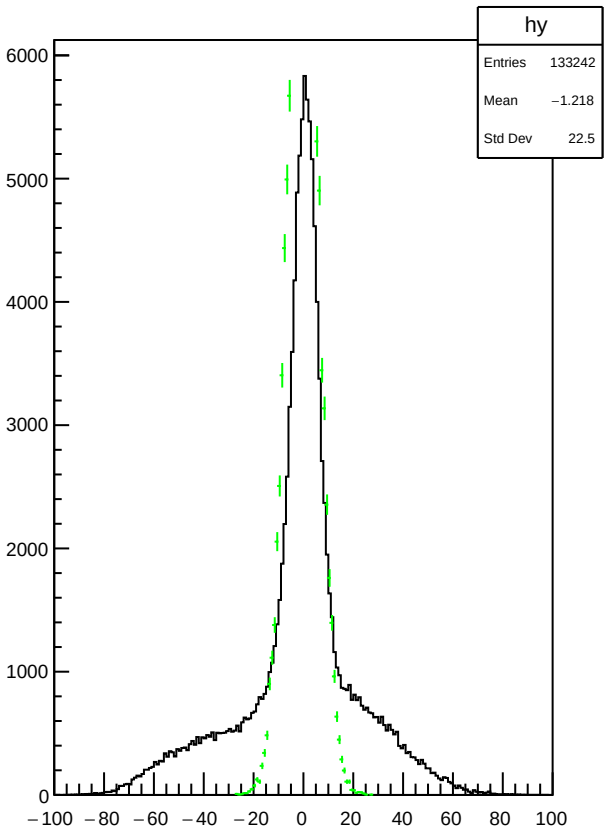
Plot 33 TrackAnalysis/RICHAnalysis_multiring_modvstchod 76



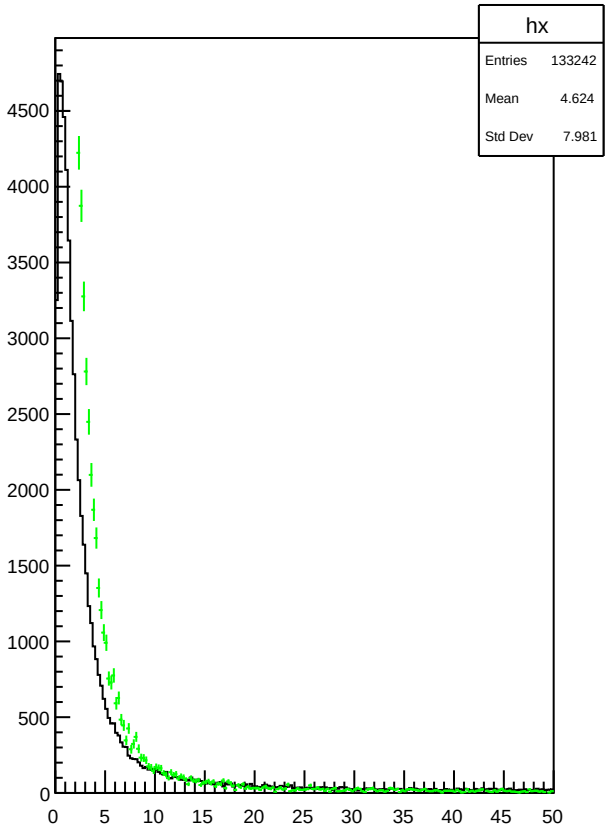
Plot 34 TrackAnalysis/RICHAnalysis_multiring_dtimevschi2rich 77



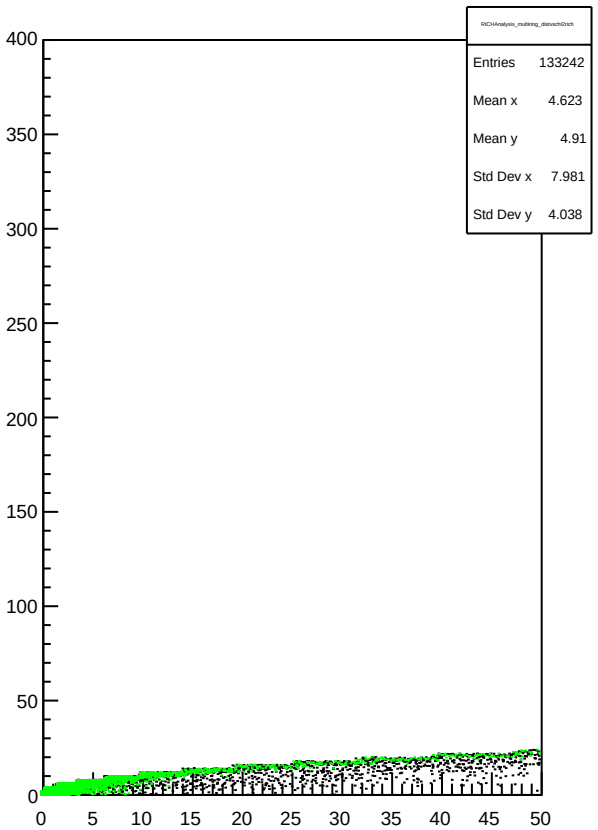
Plot 34 TrackAnalysis/RICHAnalysis_multiring_dtimevschi2rich 77



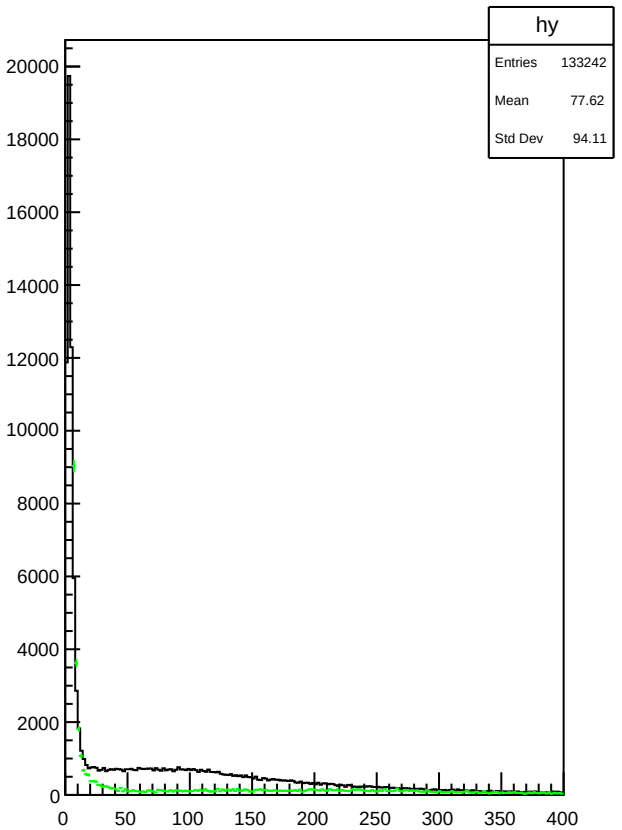
Plot 34 TrackAnalysis/RICHAnalysis_multiring_dtimevschi2rich 77



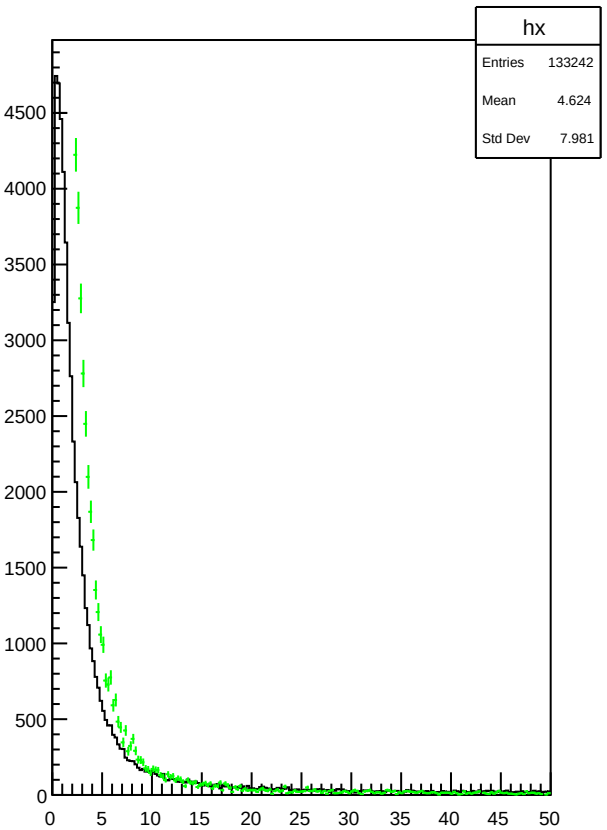
Plot 35 TrackAnalysis/RICHAnalysis_multiring_distvschi2rich 78



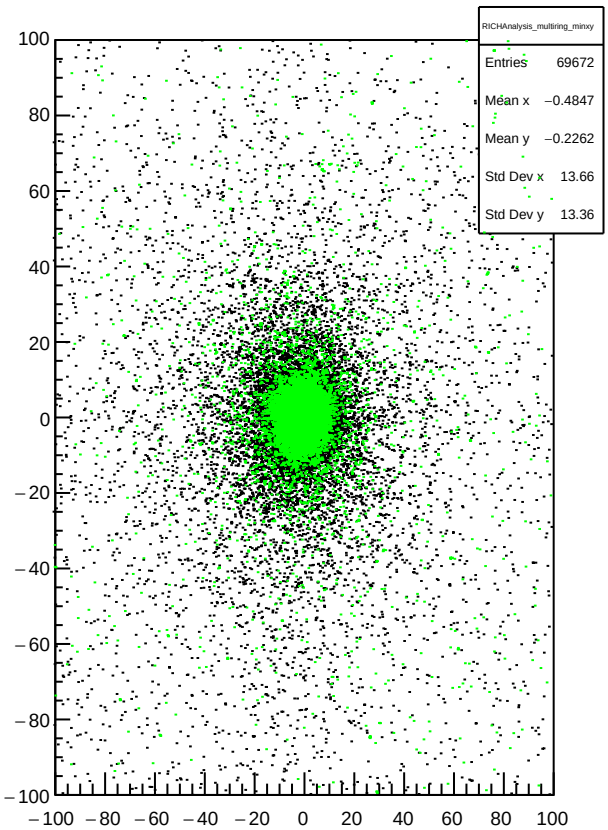
Plot 35 TrackAnalysis/RICHAnalysis_multiring_distvschi2rich 78



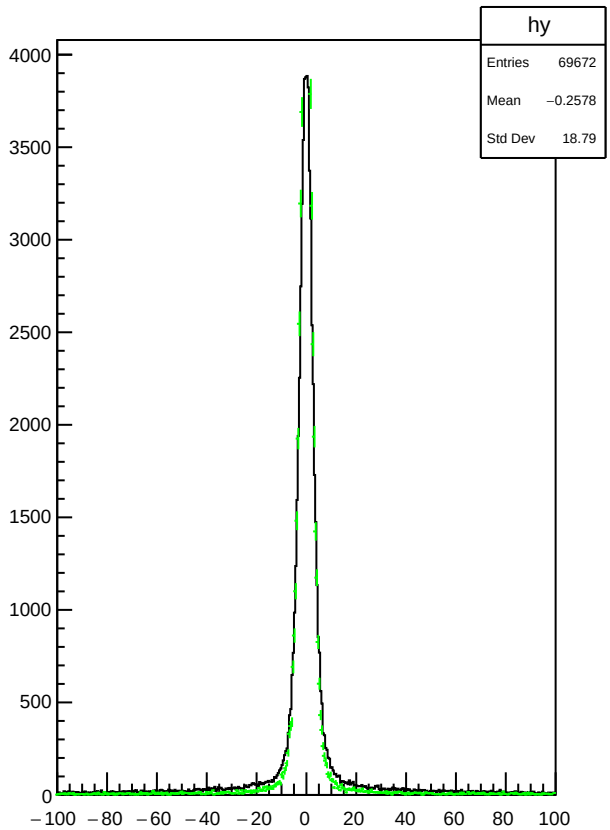
Plot 35 TrackAnalysis/RICHAnalysis_multiring_distvschi2rich 78



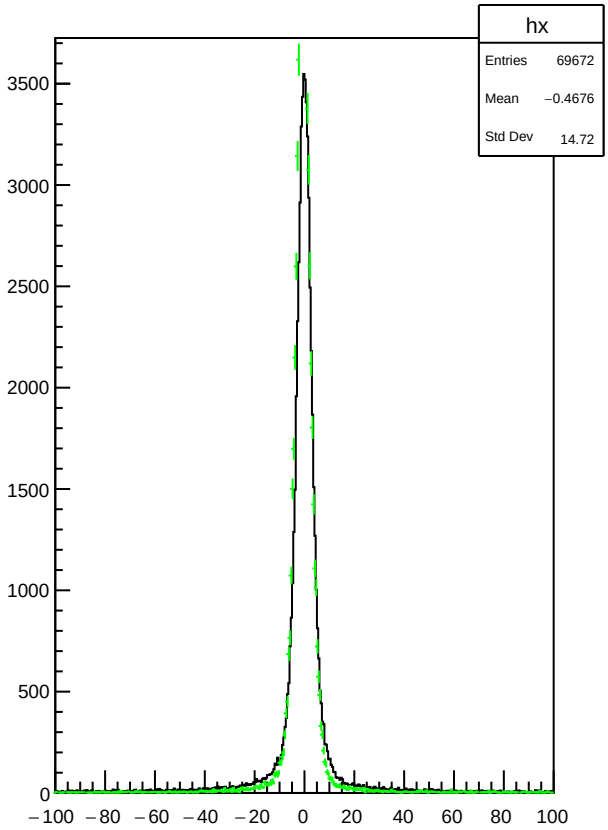
Plot 36 TrackAnalysis/RICHAnalysis_multiring_minxy 79



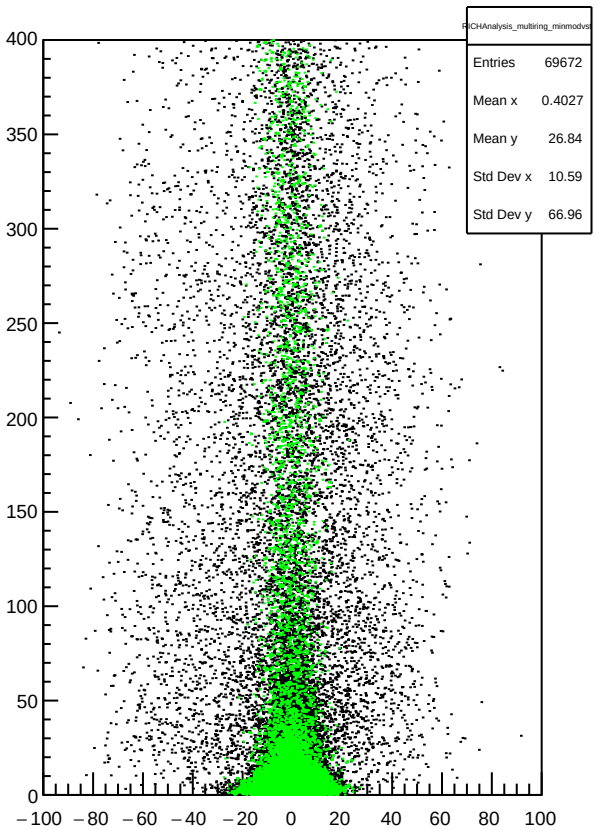
Plot 36 TrackAnalysis/RICHAnalysis_multiring_minxy 79



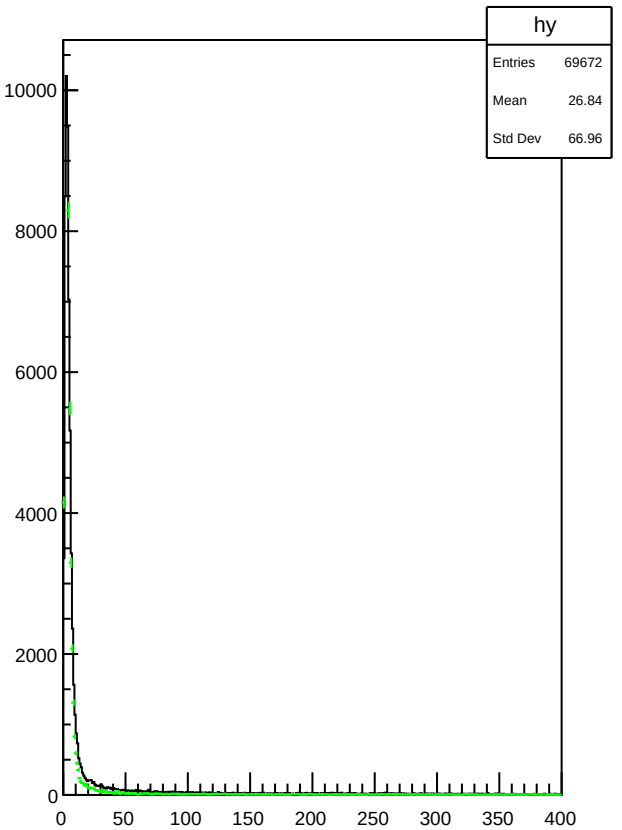
Plot 36 TrackAnalysis/RICHAnalysis_multiring_minxy 79



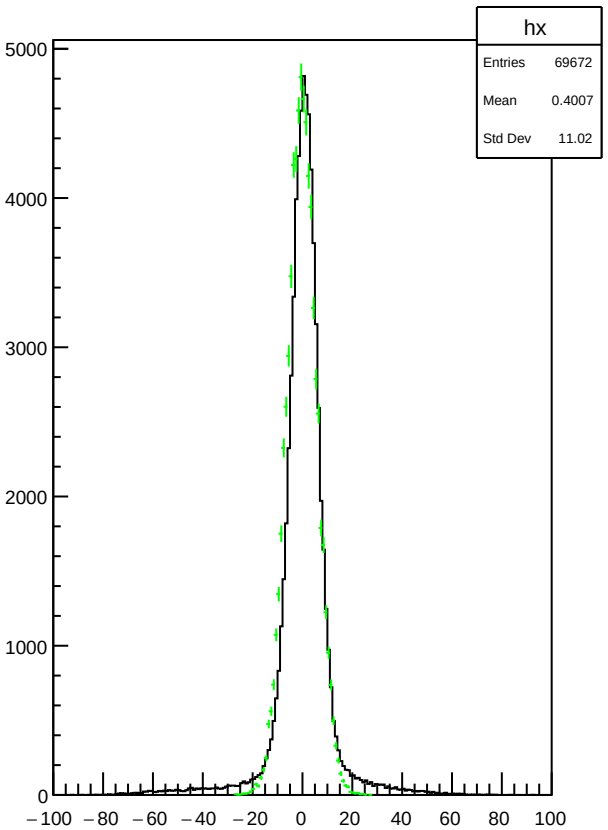
Plot 37 TrackAnalysis/RICHAnalysis_multiring_minmodvst 80



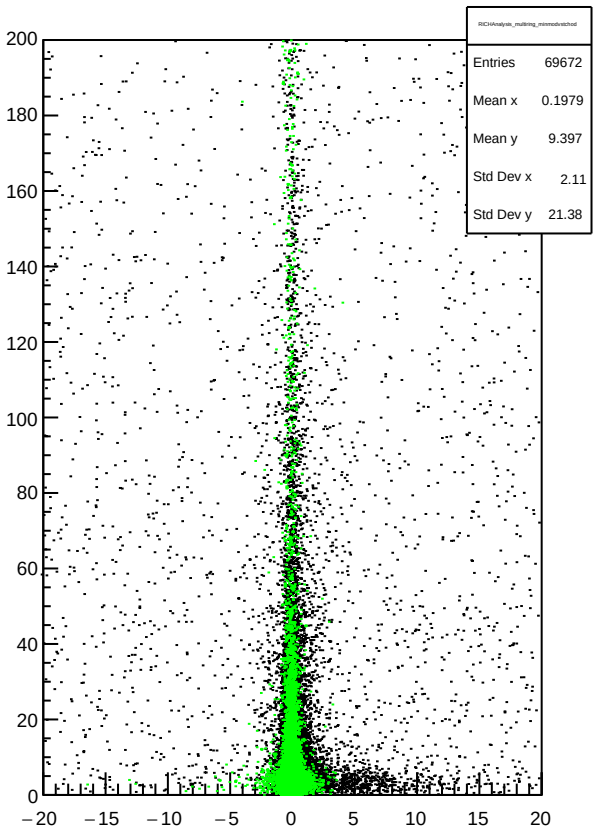
Plot 37 TrackAnalysis/RICHAnalysis_multiring_minmodvst 80



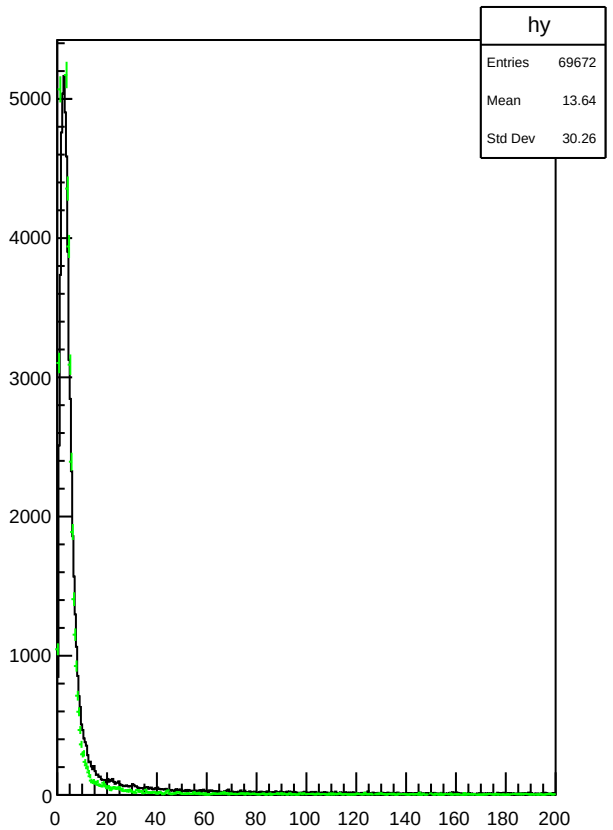
Plot 37 TrackAnalysis/RICHAnalysis_multiring_minmodvst 80



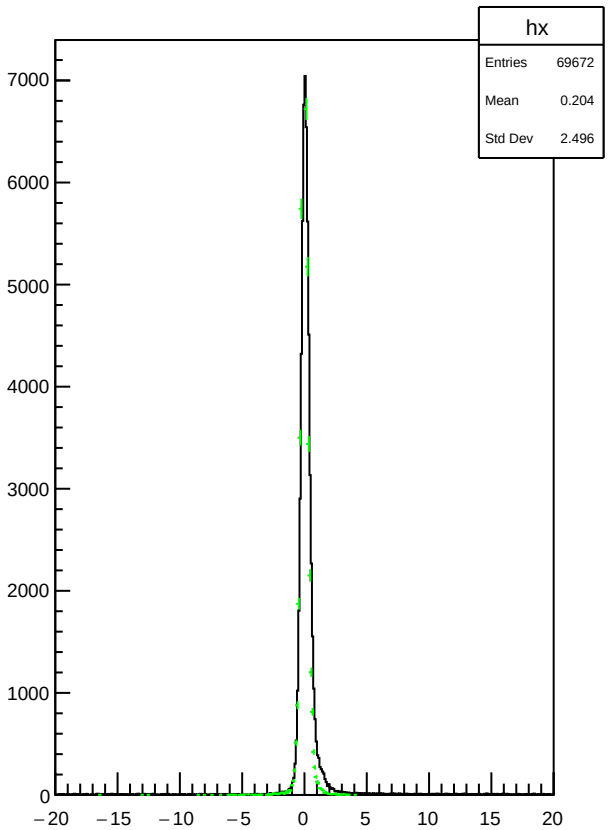
Plot 38 TrackAnalysis/RICHAnalysis_multiring_minmodvstchod 81



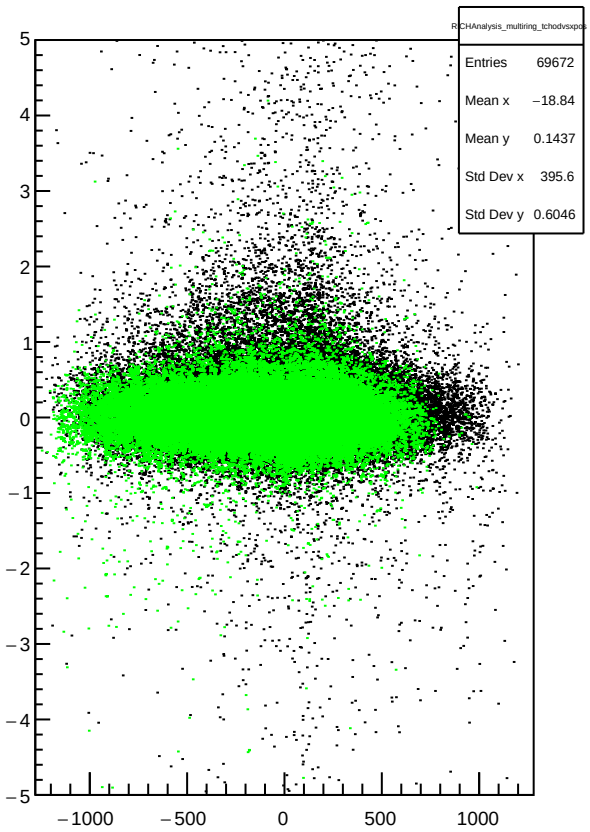
Plot 38 TrackAnalysis/RICHAnalysis_multiring_minmodvstchod 81



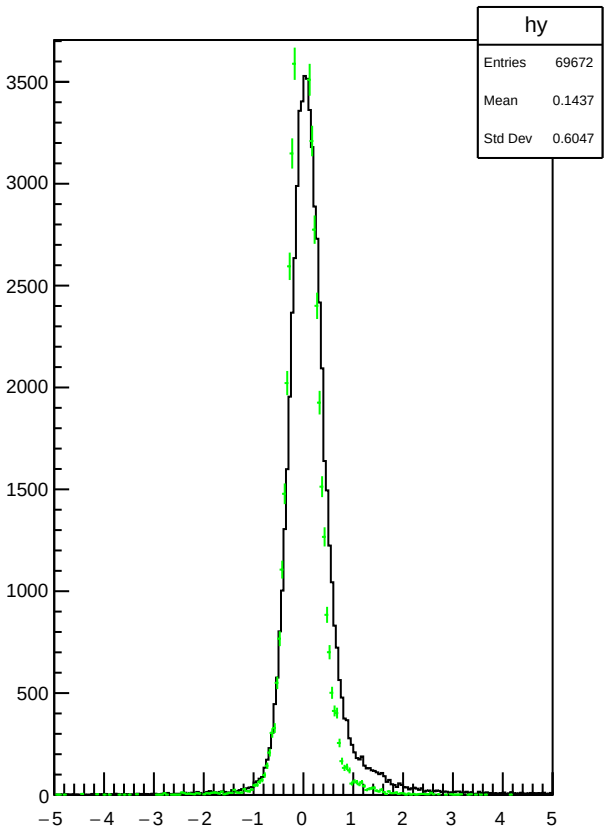
Plot 38 TrackAnalysis/RICHAnalysis_multiring_minmodvstchod 81



Plot 39 TrackAnalysis/RICHAnalysis_multiring_tchodvsxpos 82



Plot 39 TrackAnalysis/RICHAnalysis_multiring_tchodvsxpos 82



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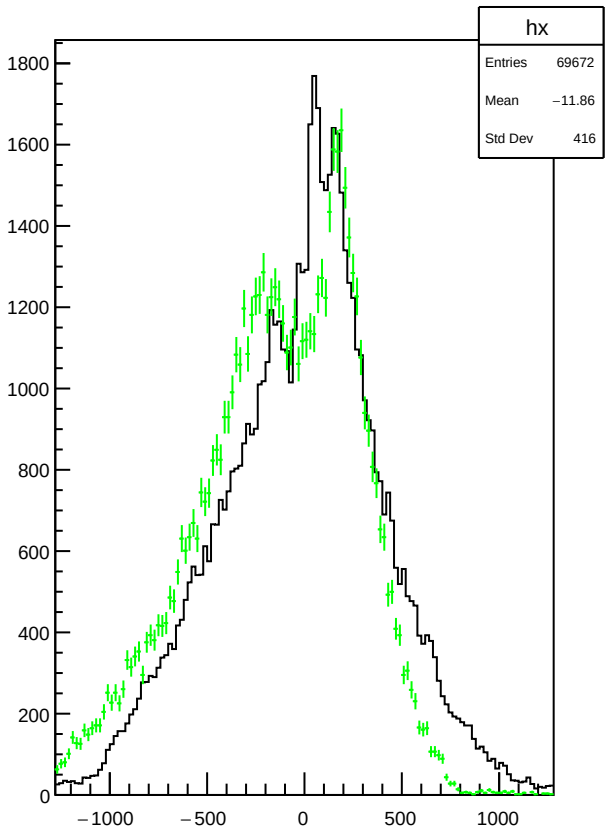
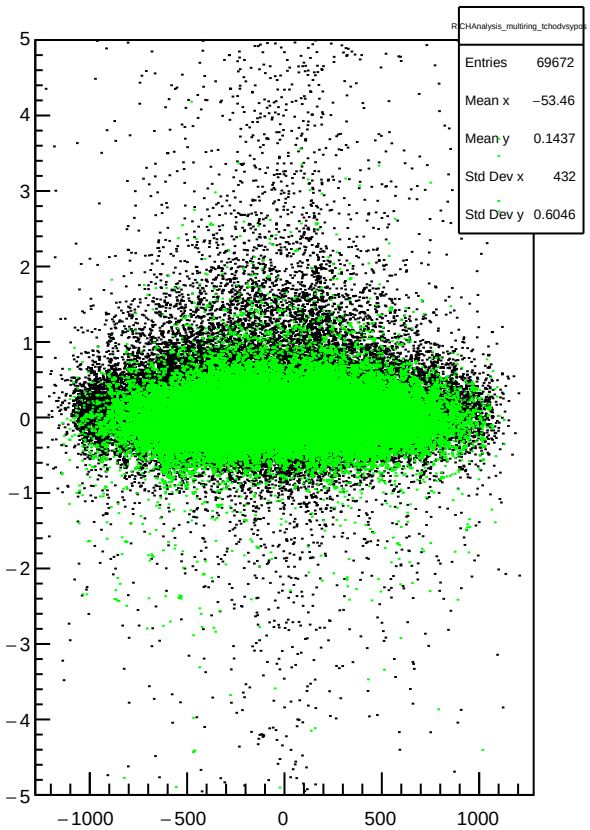


Plot 40 TrackAnalysis/RICHAnalysis_multiring_tchodvsypos 83



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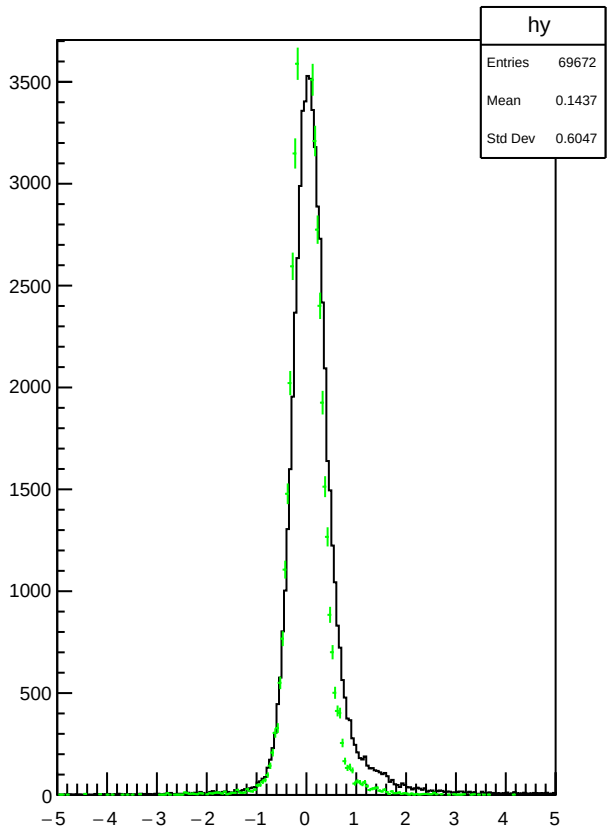

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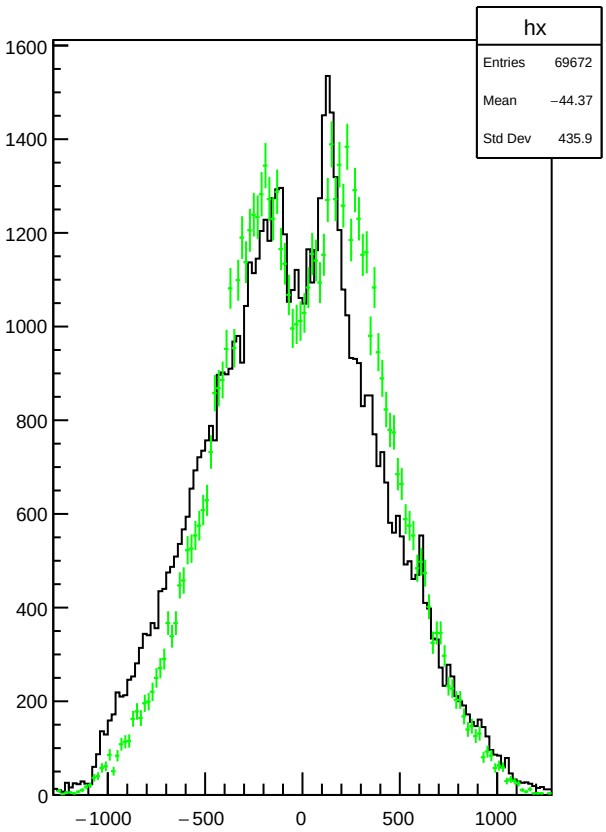
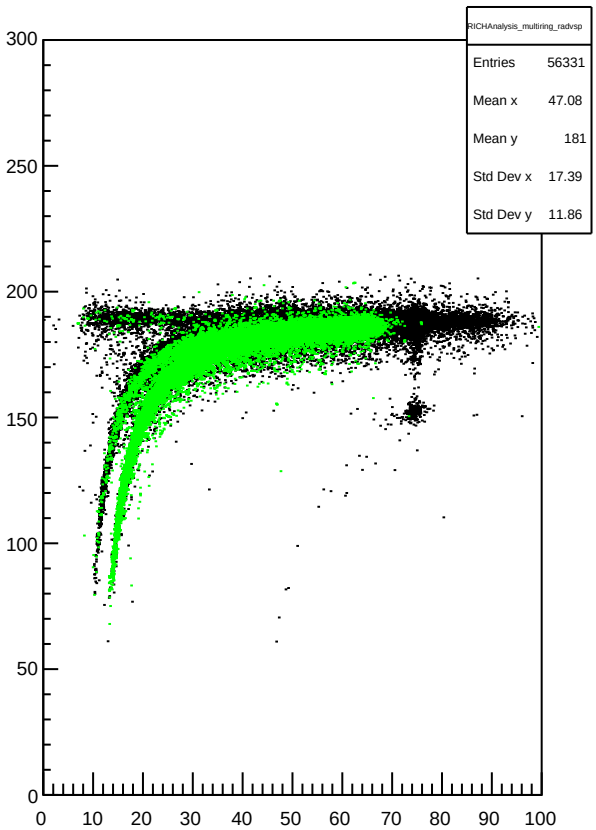
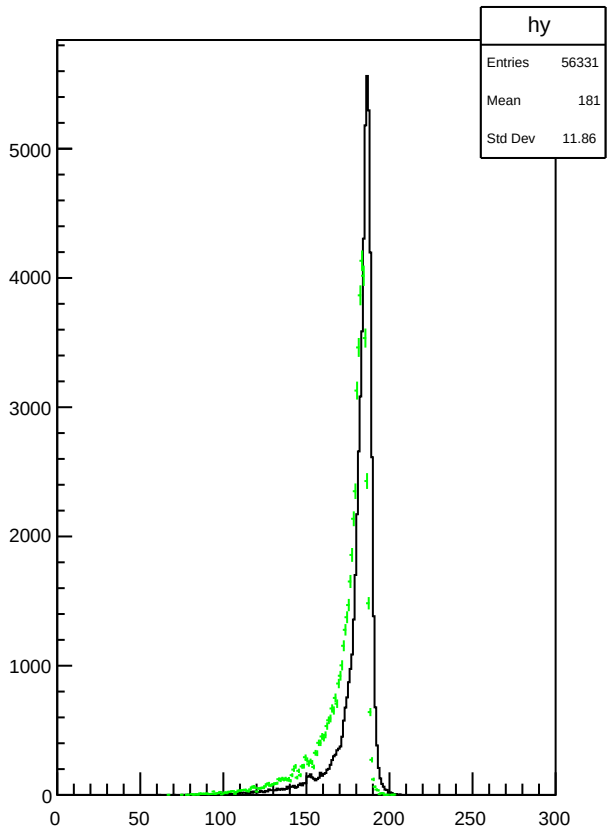


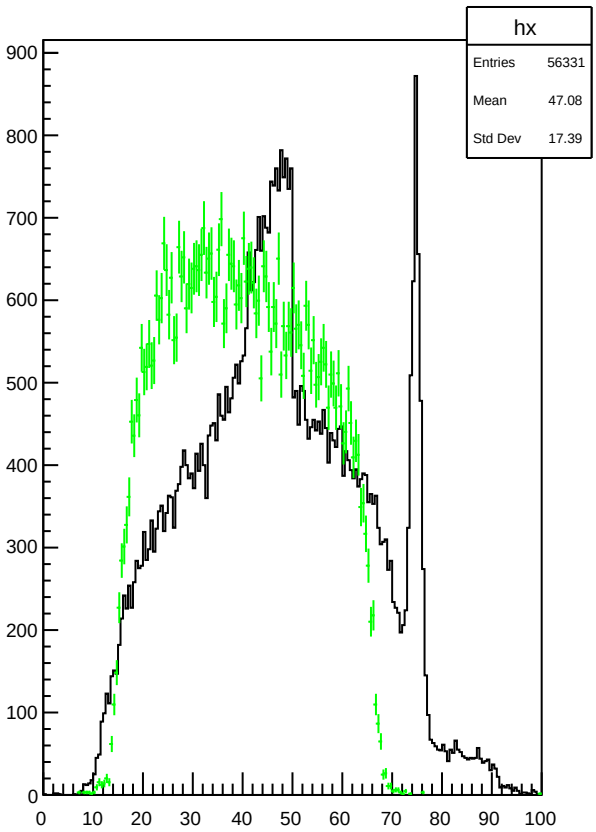
Plot 41 TrackAnalysis/RICHAnalysis_multiring_radvsp 84



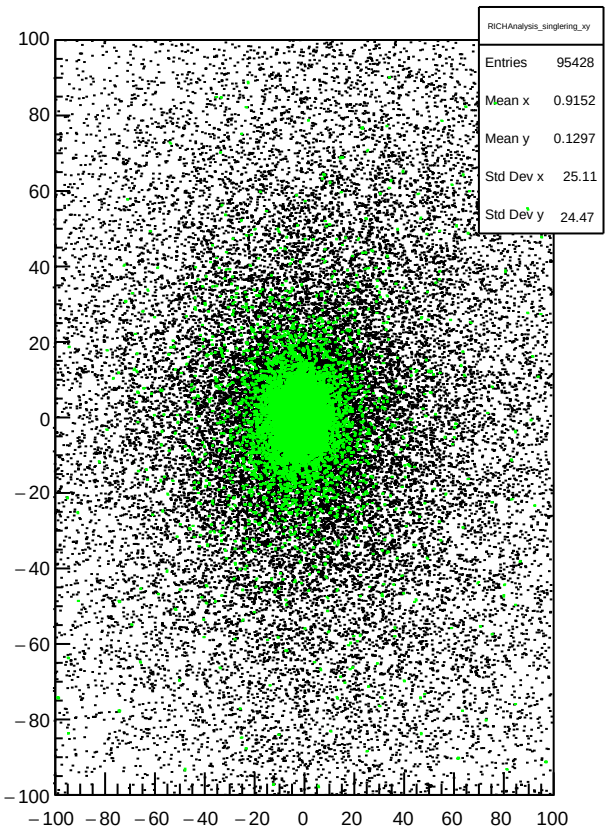
Plot 41 TrackAnalysis/RICHAnalysis_multiring_radvsp 84



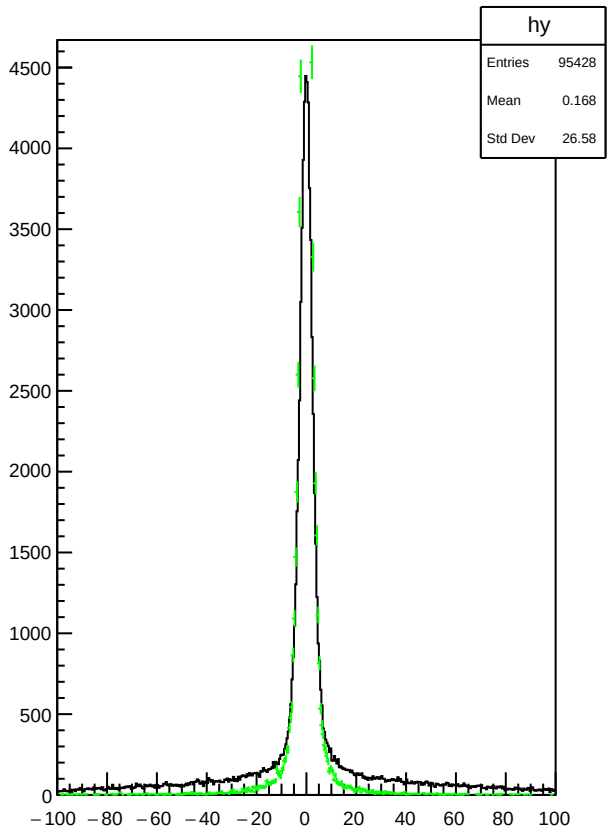
Plot 41 TrackAnalysis/RICHAnalysis_multiring_radvsp 84



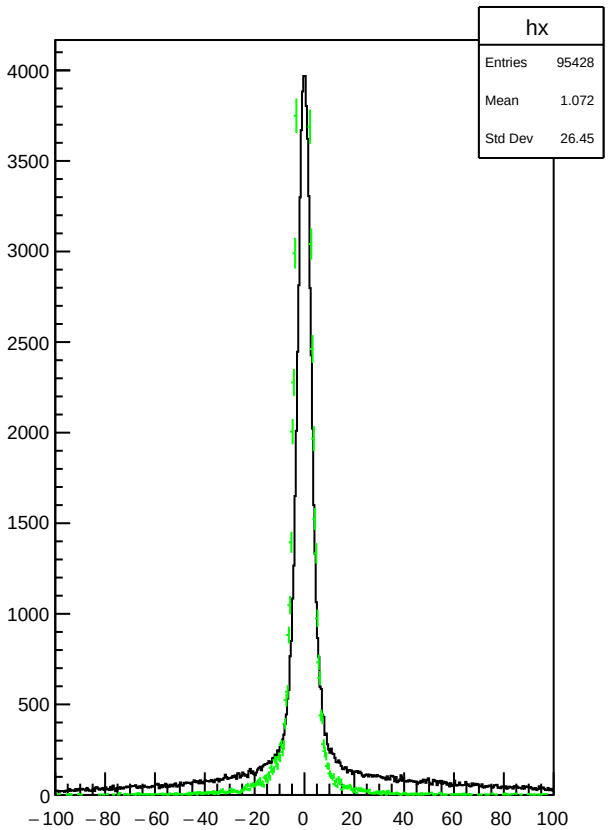
Plot 42 TrackAnalysis/RICHAnalysis_singlering_xy 85



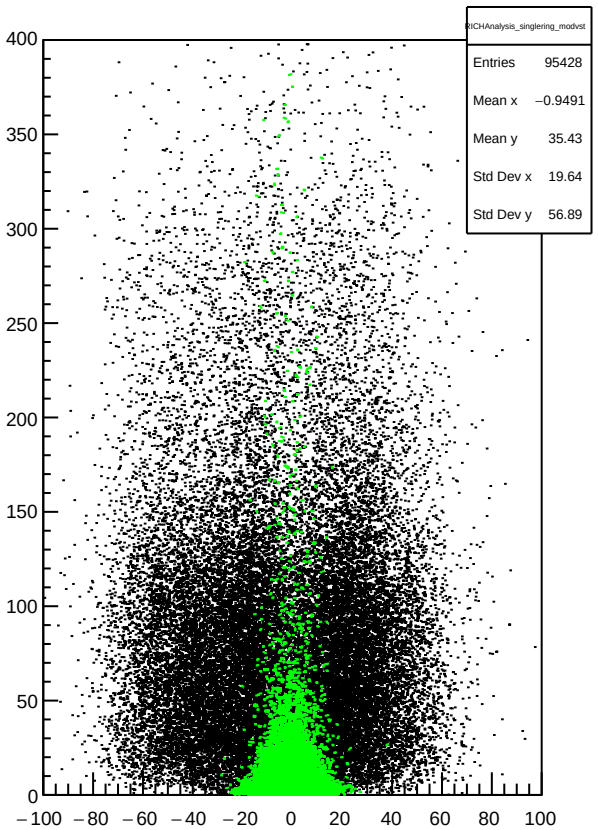
Plot 42 TrackAnalysis/RICHAnalysis_singlering_xy 85



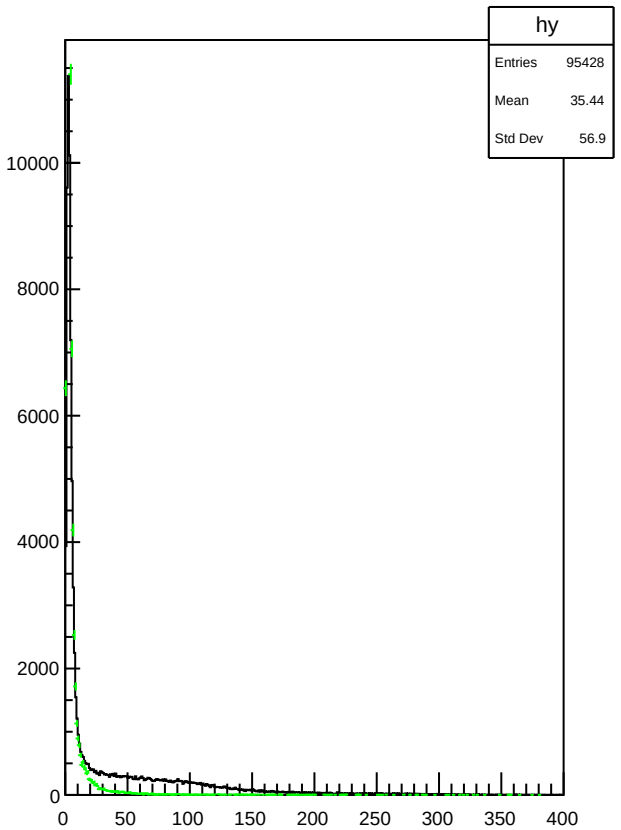
Plot 42 TrackAnalysis/RICHAnalysis_singlering_xy 85



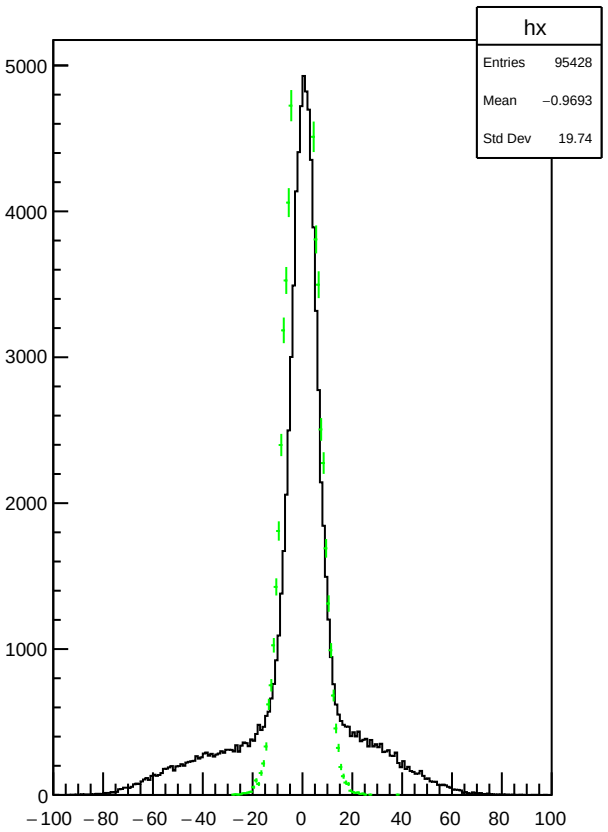
Plot 43 TrackAnalysis/RICHAnalysis_singlering_modvst 86



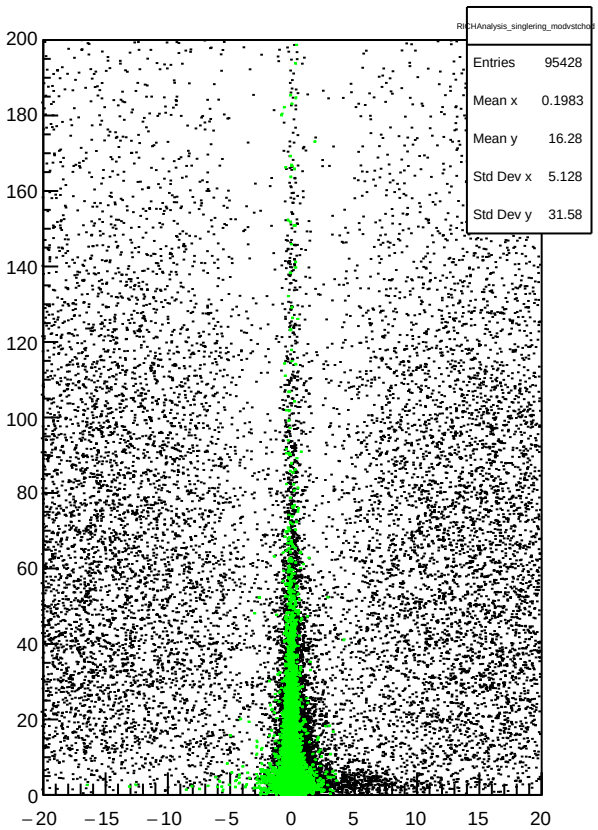
Plot 43 TrackAnalysis/RICHAnalysis_singlering_modvst 86



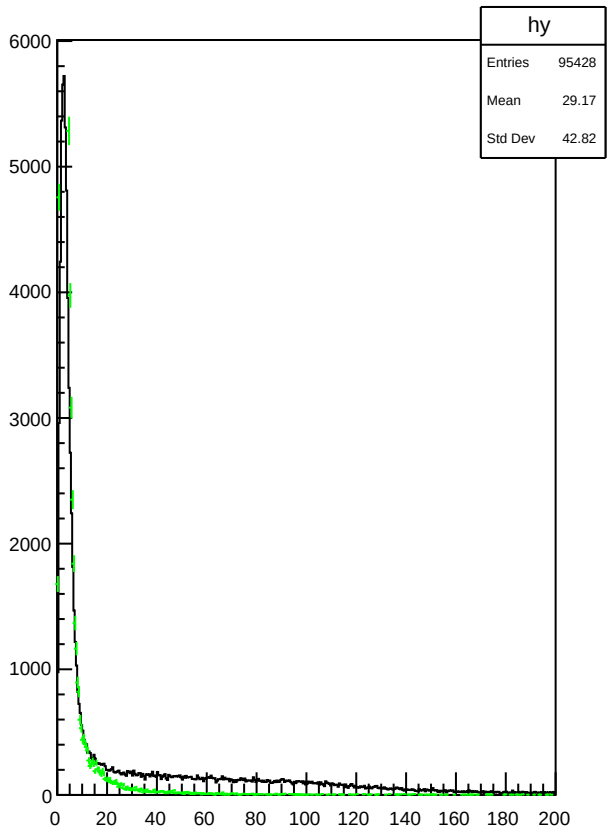
Plot 43 TrackAnalysis/RICHAnalysis_singlering_modvst 86



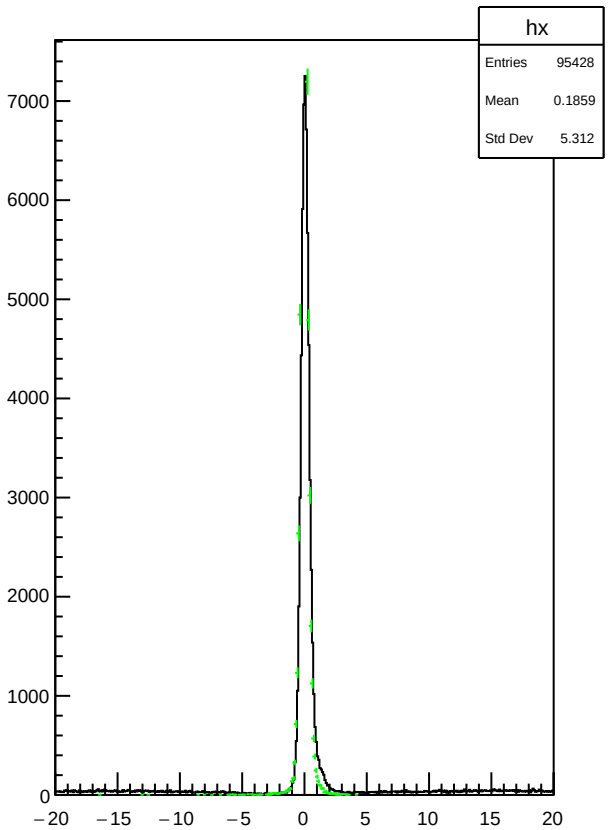
Plot 44 TrackAnalysis/RICHAnalysis_singlering_modvstchod 87



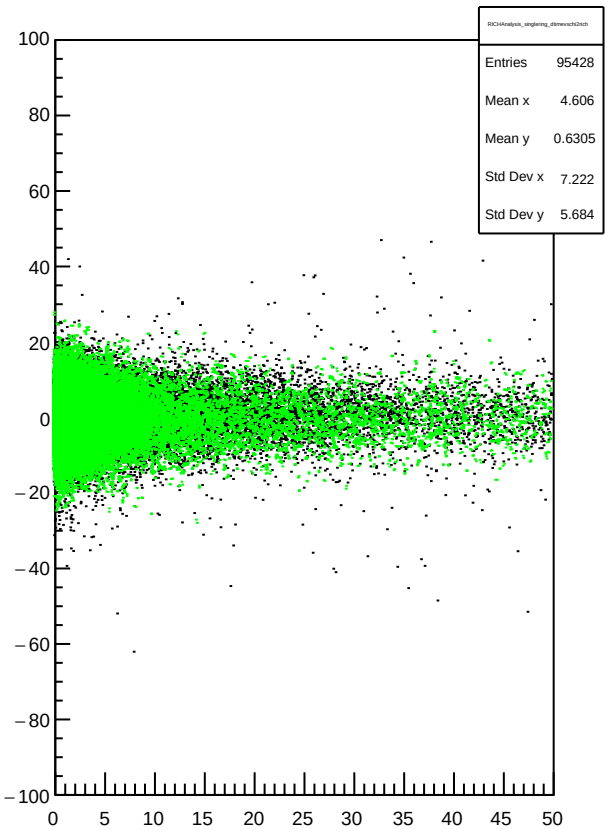
Plot 44 TrackAnalysis/RICHAnalysis_singlering_modvstchod 87



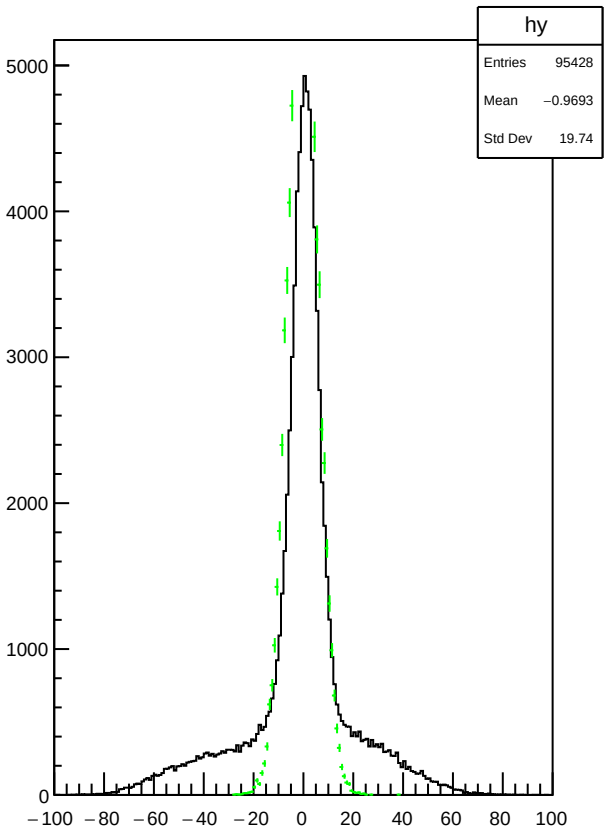
Plot 44 TrackAnalysis/RICHAnalysis_singlering_modvstchod 87



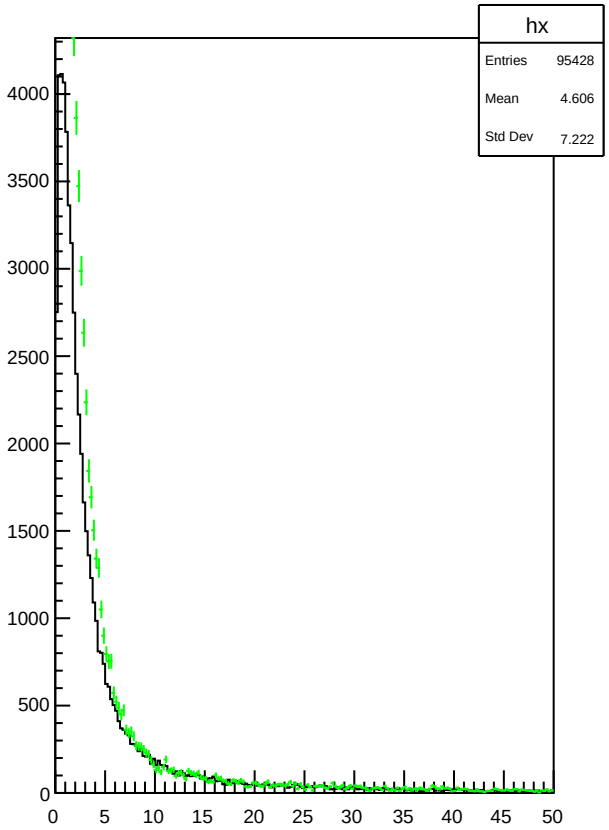
Plot 45 TrackAnalysis/RICHAnalysis_singlering_dtimevschi2rich 88



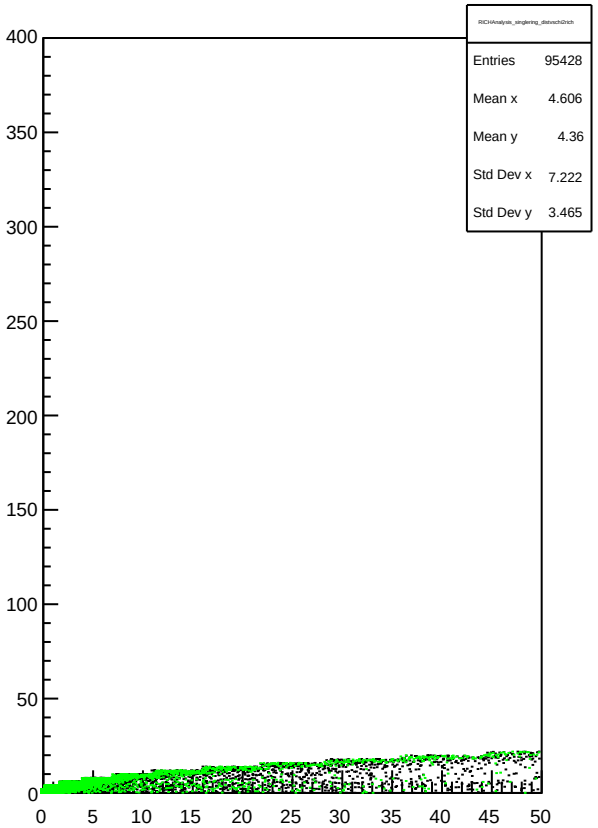
Plot 45 TrackAnalysis/RICHAnalysis_singlering_dtimevschi2rich 88



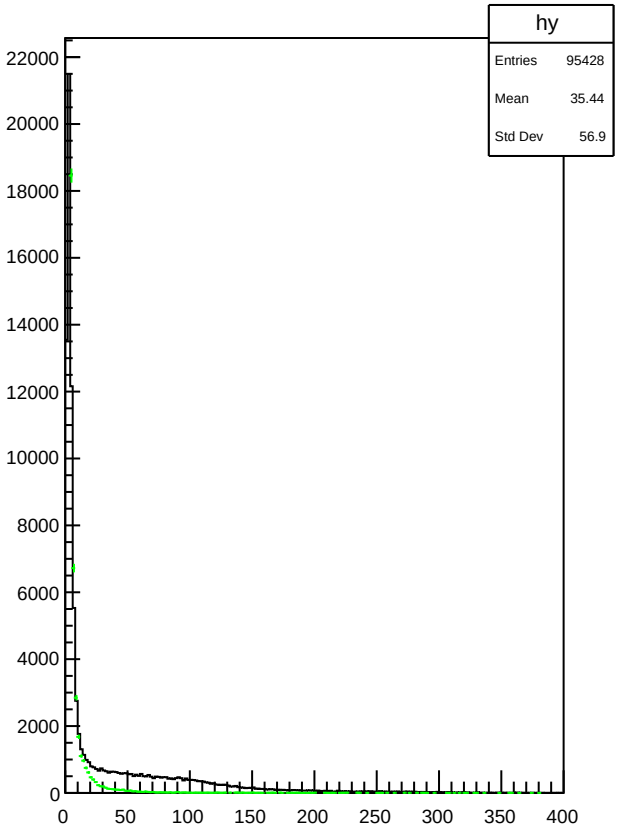
Plot 45 TrackAnalysis/RICHAnalysis_singlering_dtimevschi2rich 88



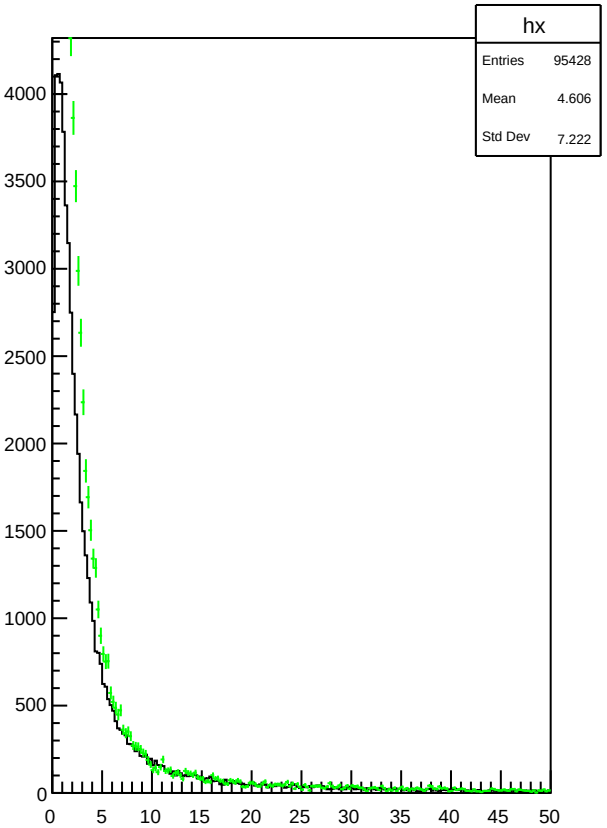
Plot 46 TrackAnalysis/RICHAnalysis_singlering_distvschi2rich 89



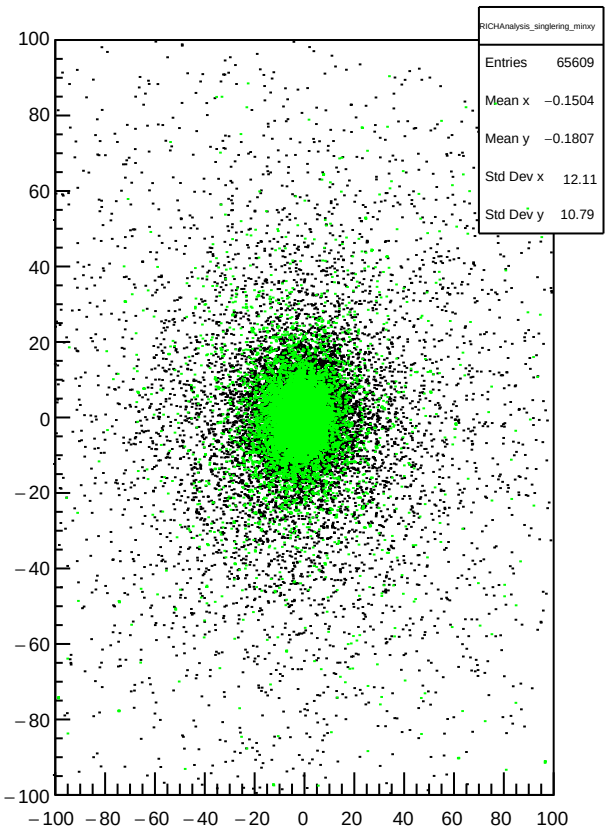
Plot 46 TrackAnalysis/RICHAnalysis_singlering_distvschi2rich 89



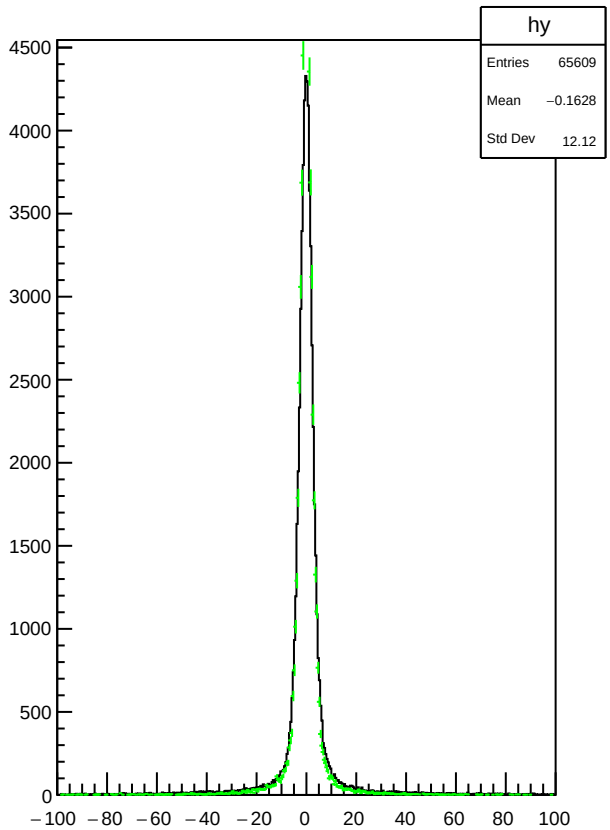
Plot 46 TrackAnalysis/RICHAnalysis_singlering_distvschi2rich 89



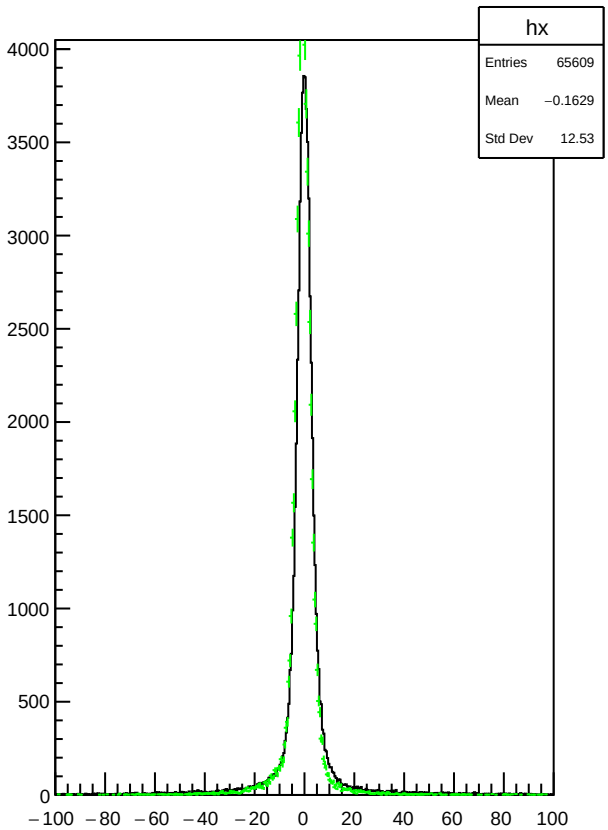
Plot 47 TrackAnalysis/RICHAnalysis_singlering_minxy 90



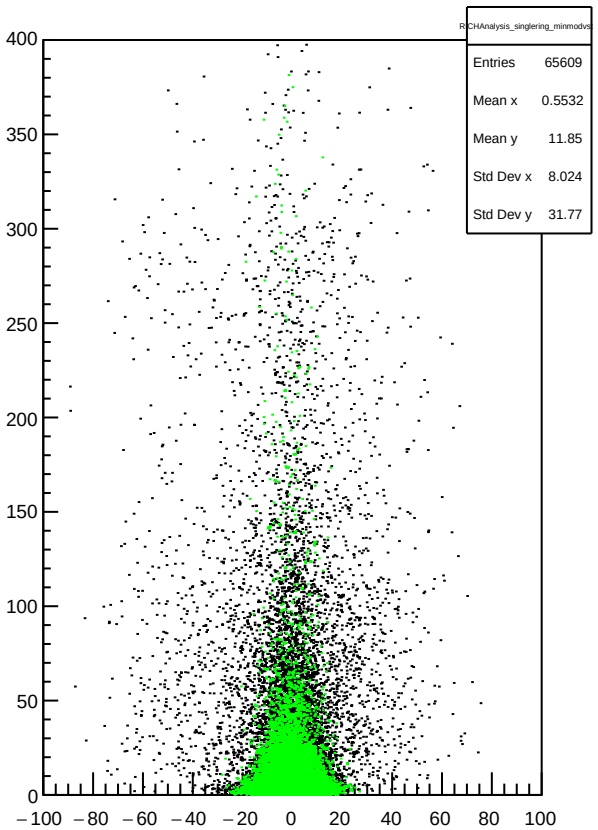
Plot 47 TrackAnalysis/RICHAnalysis_singlering_minxy 90



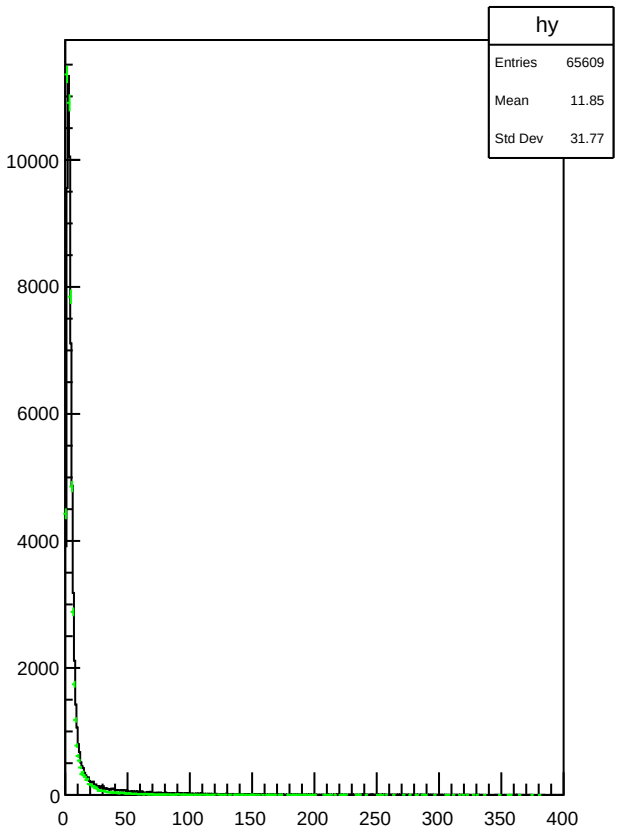
Plot 47 TrackAnalysis/RICHAnalysis_singlering_minxy 90



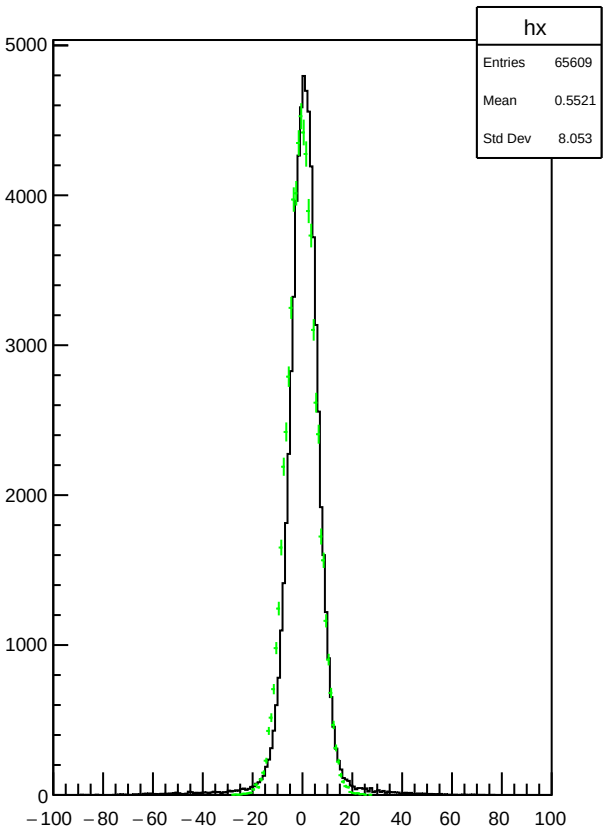
Plot 48 TrackAnalysis/RICHAnalysis_singlering_minmodvst 91



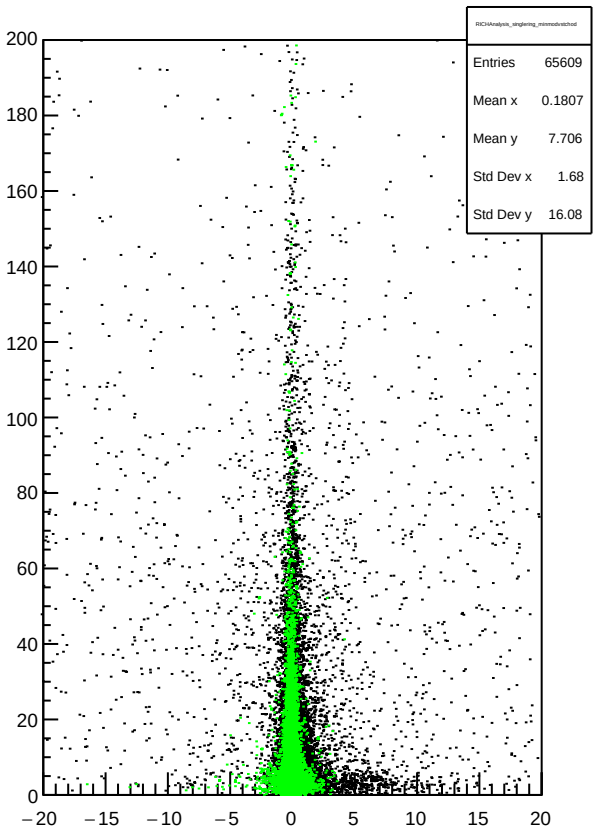
Plot 48 TrackAnalysis/RICHAnalysis_singlering_minmodvst 91



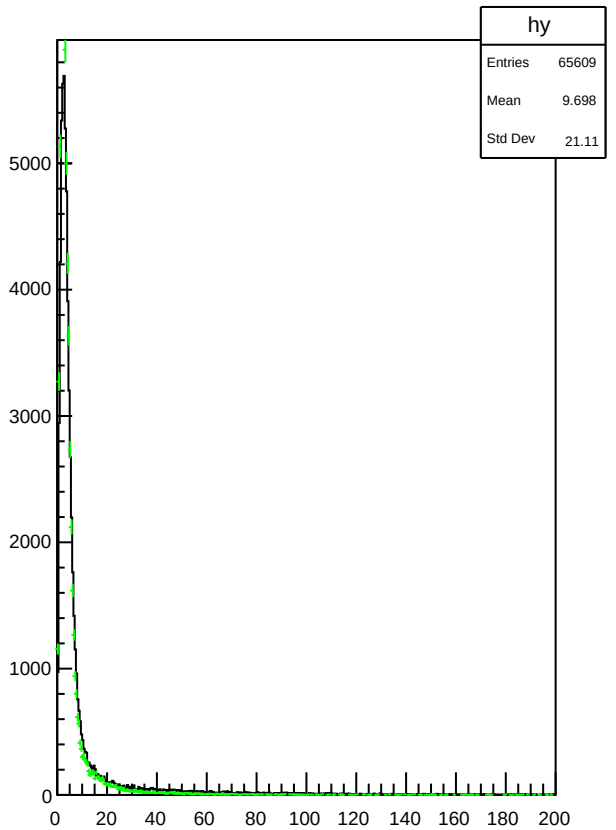
Plot 48 TrackAnalysis/RICHAnalysis_singlering_minmodvst 91



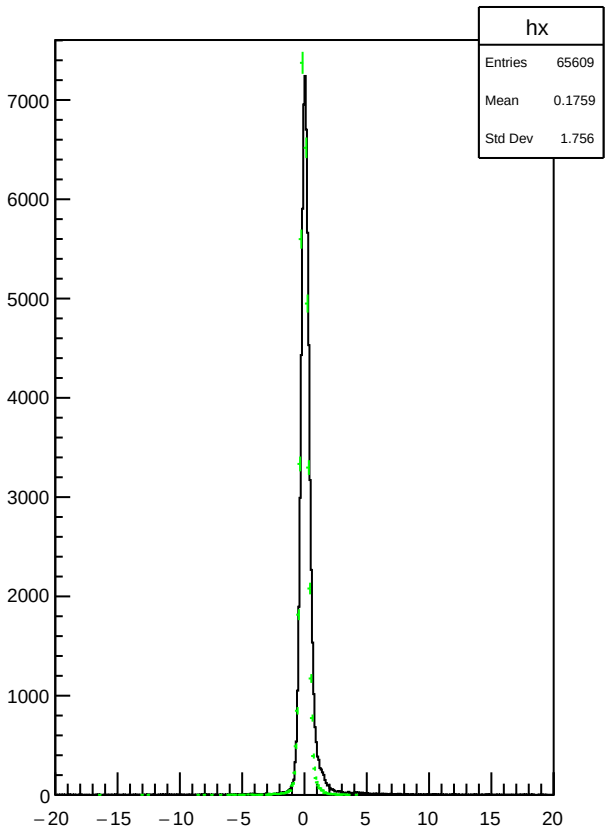
Plot 49 TrackAnalysis/RICHAnalysis_singlering_minmodvstchod 92



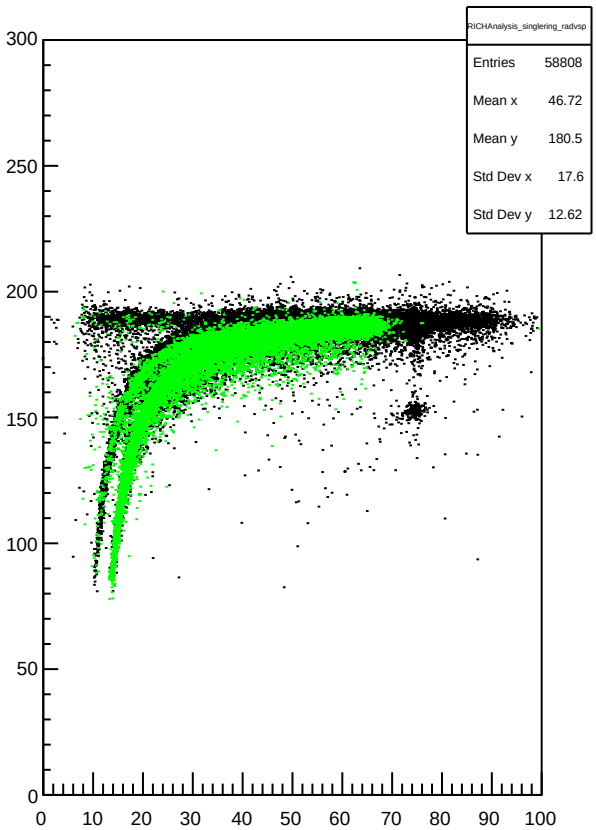
Plot 49 TrackAnalysis/RICHAnalysis_singlering_minmodvstchod 92



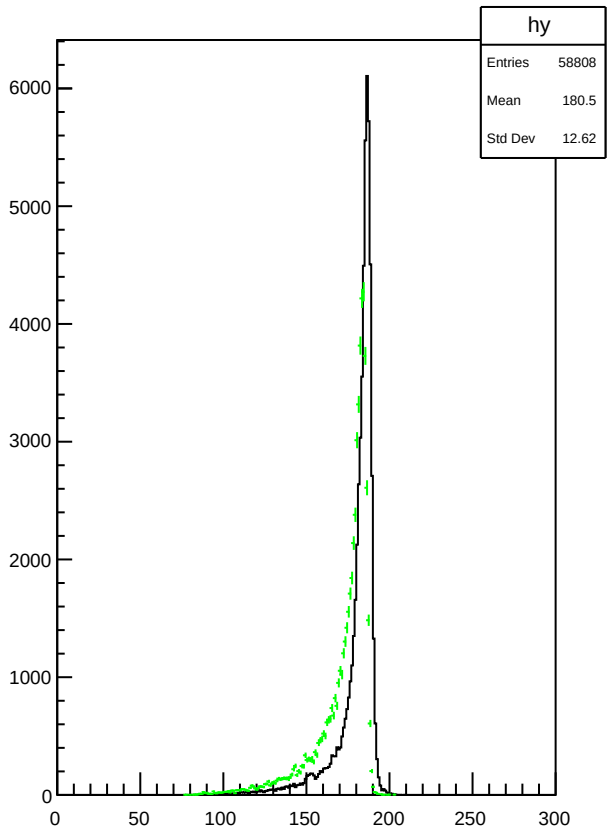
Plot 49 TrackAnalysis/RICHAnalysis_singlering_minmodvstchod 92



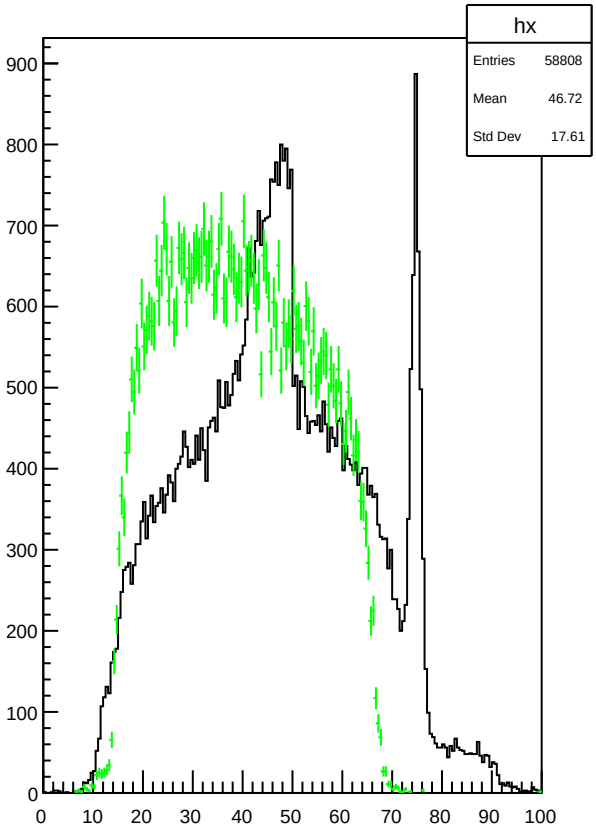
Plot 50 TrackAnalysis/RICHAnalysis_singlering_radvsp 93



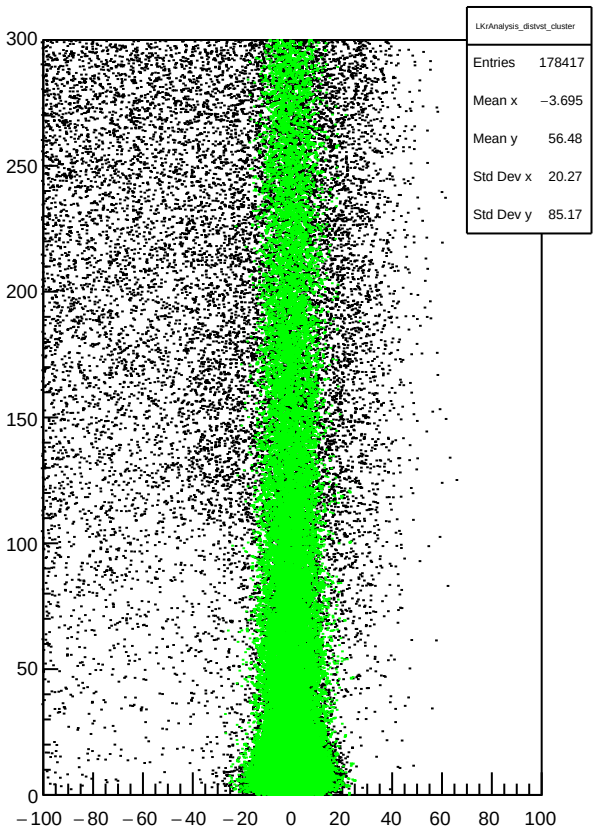
Plot 50 TrackAnalysis/RICHAnalysis_singlering_radvsp 93



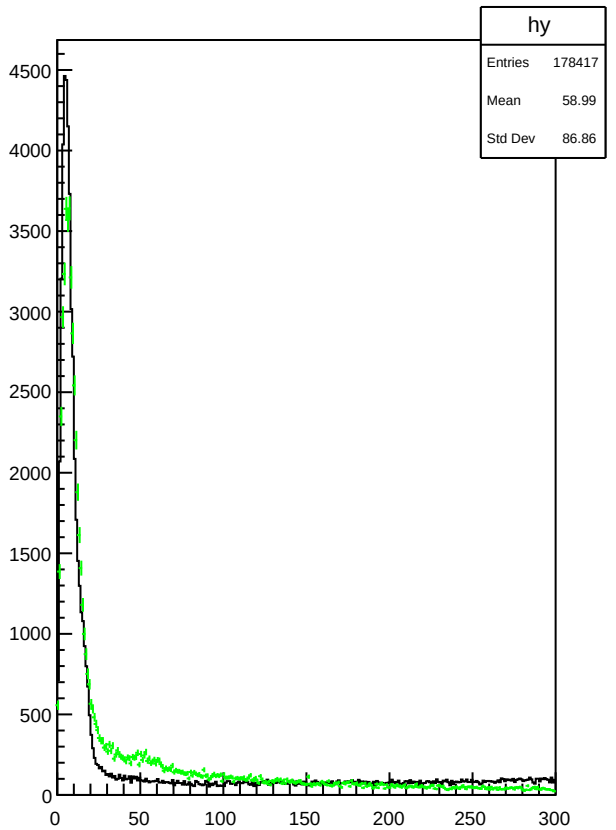
Plot 50 TrackAnalysis/RICHAnalysis_singlering_radvsp 93



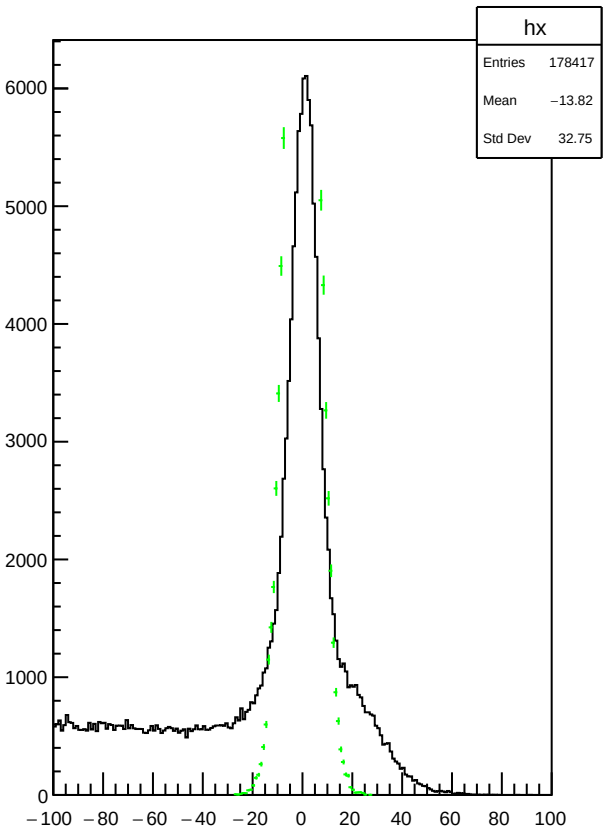
Plot 51 TrackAnalysis/LKrAnalysis_distvst_cluster 95



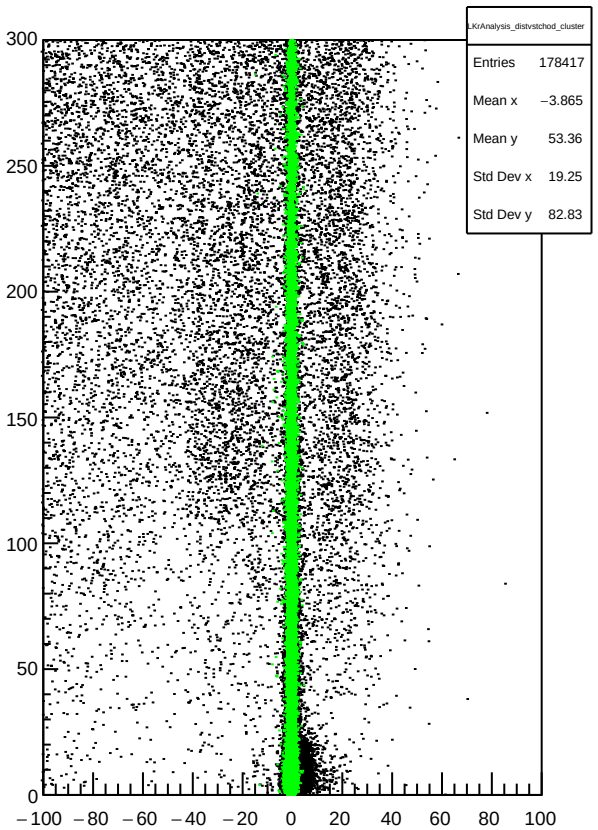
Plot 51 TrackAnalysis/LKrAnalysis_distvst_cluster 95



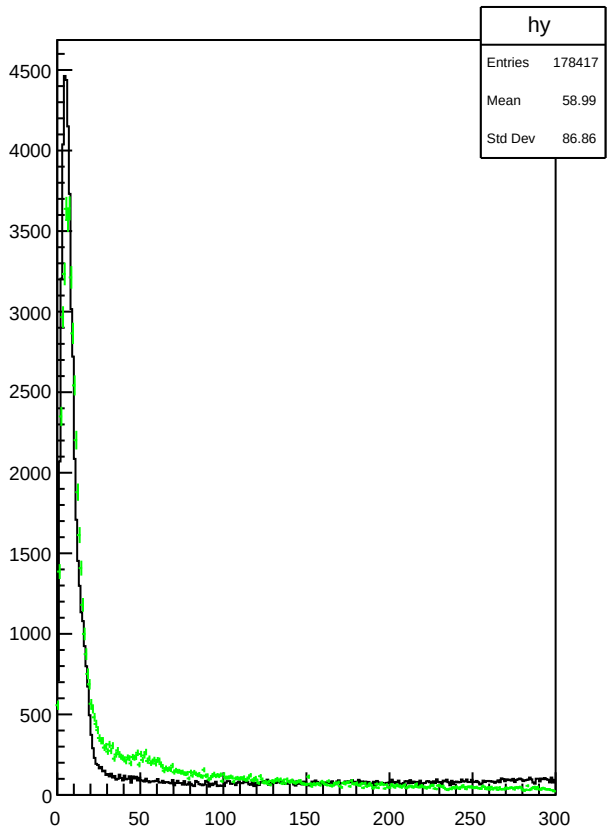
Plot 51 TrackAnalysis/LKrAnalysis_distvst_cluster 95



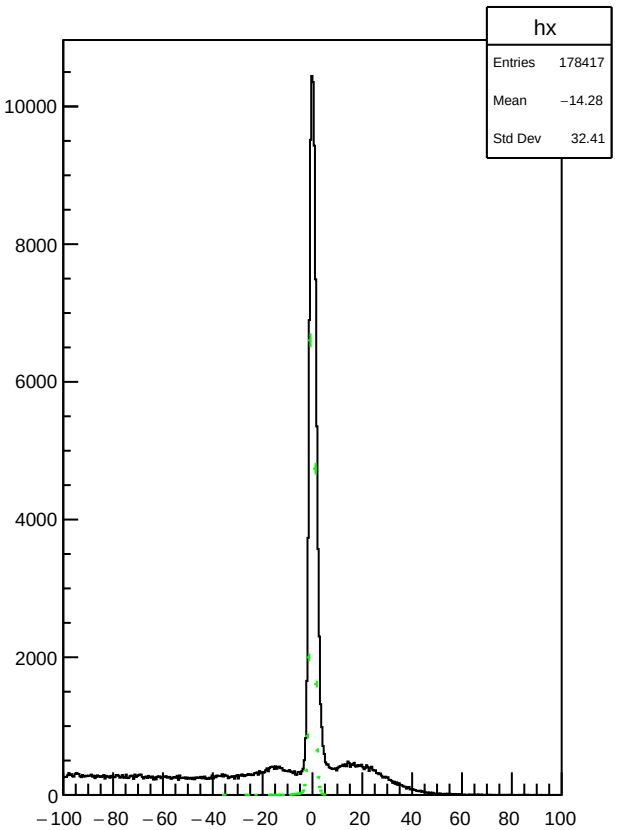
Plot 52 TrackAnalysis/LKrAnalysis_distvstchod_cluster 96



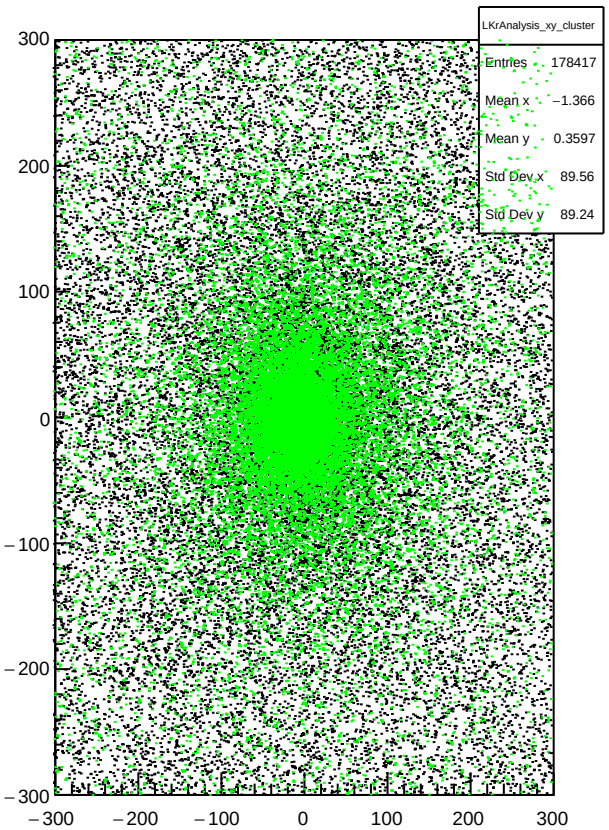
Plot 52 TrackAnalysis/LKrAnalysis_distvstchod_cluster 96



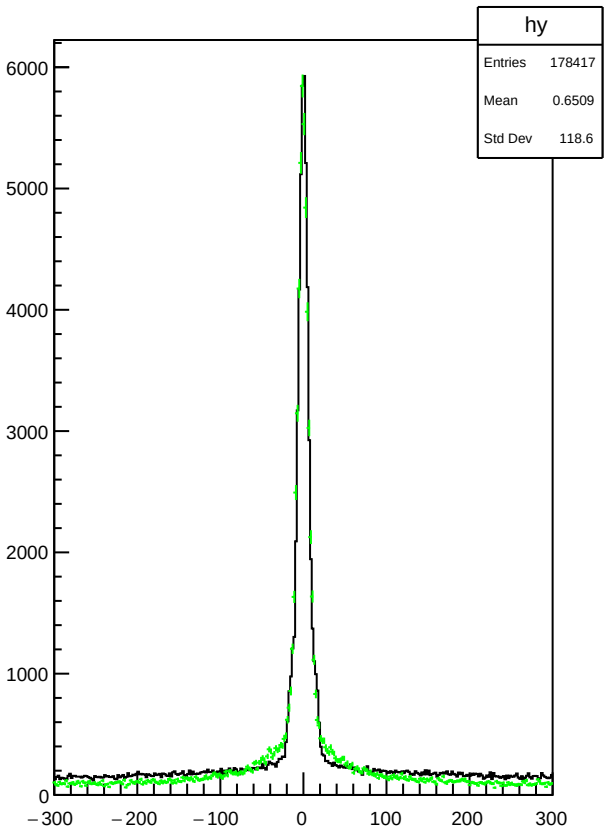
Plot 52 TrackAnalysis/LKrAnalysis_distvstchod_cluster 96



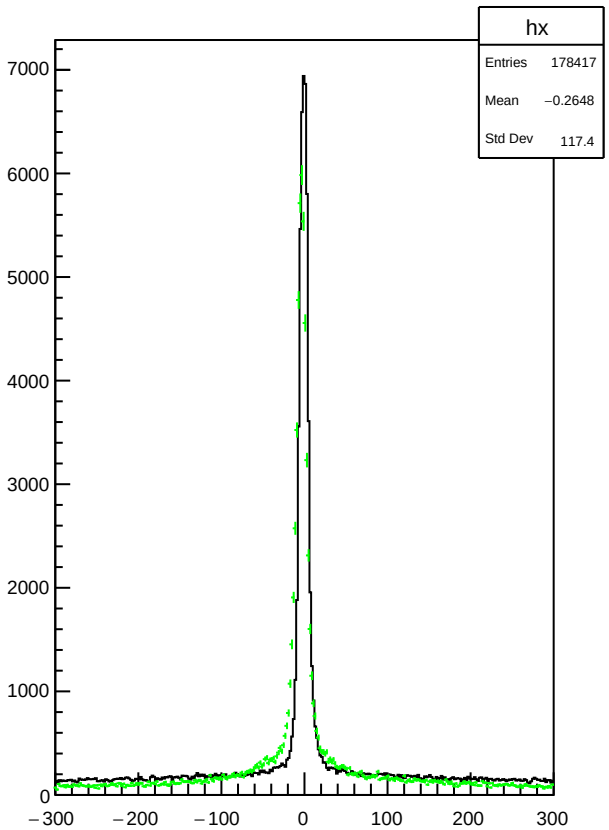
Plot 53 TrackAnalysis/LKrAnalysis_xy_cluster 97



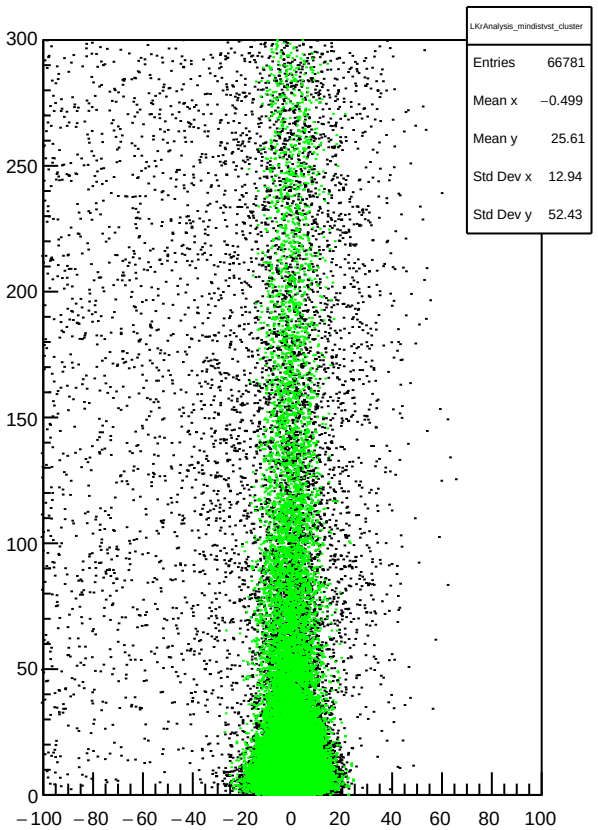
Plot 53 TrackAnalysis/LKrAnalysis_xy_cluster 97



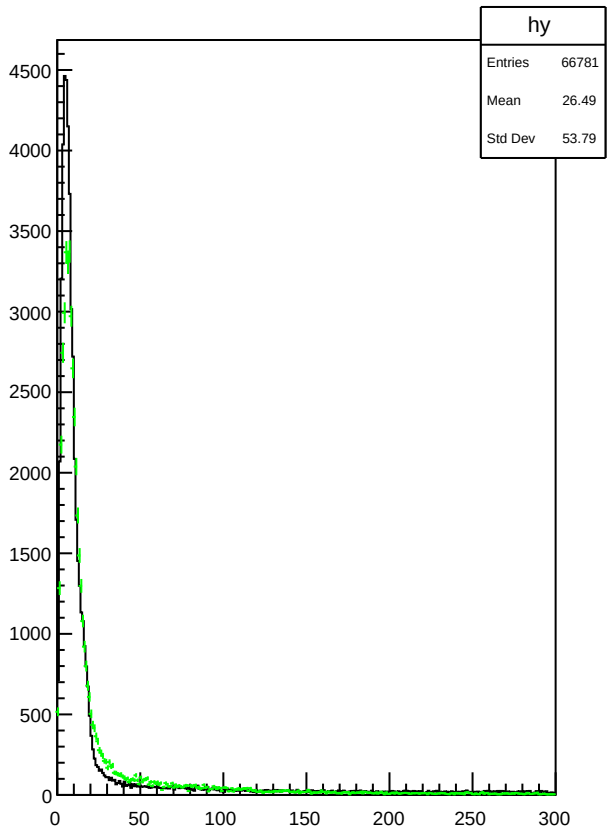
Plot 53 TrackAnalysis/LKrAnalysis_xy_cluster 97



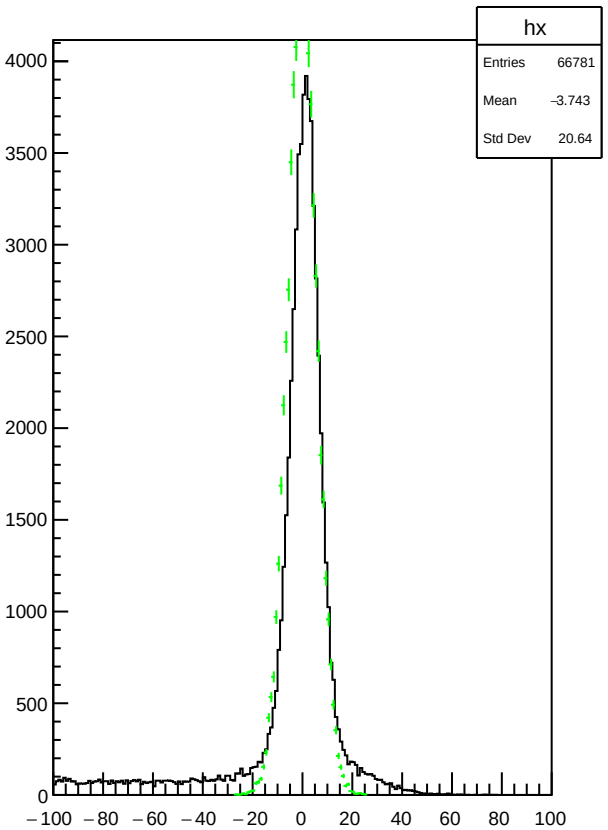
Plot 54 TrackAnalysis/LKrAnalysis_mindistvst_cluster 98



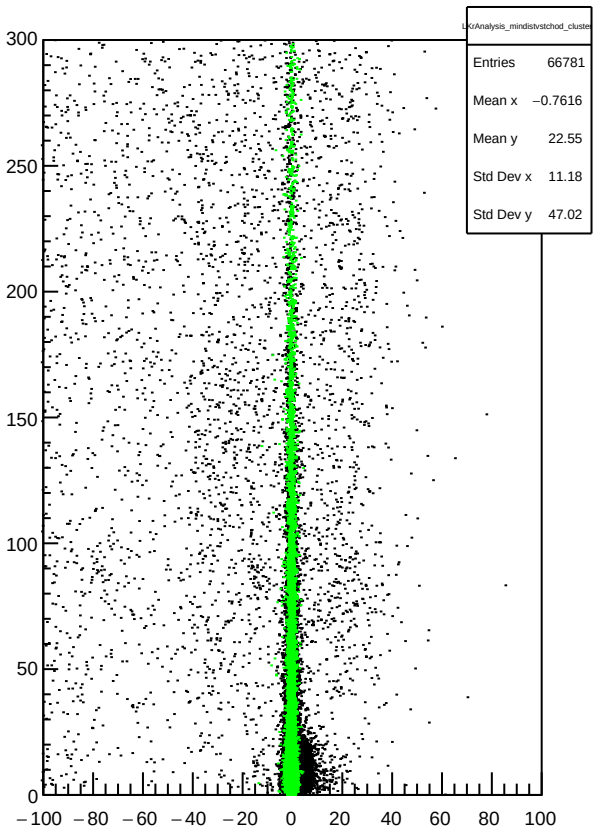
Plot 54 TrackAnalysis/LKrAnalysis_mindistvst_cluster 98



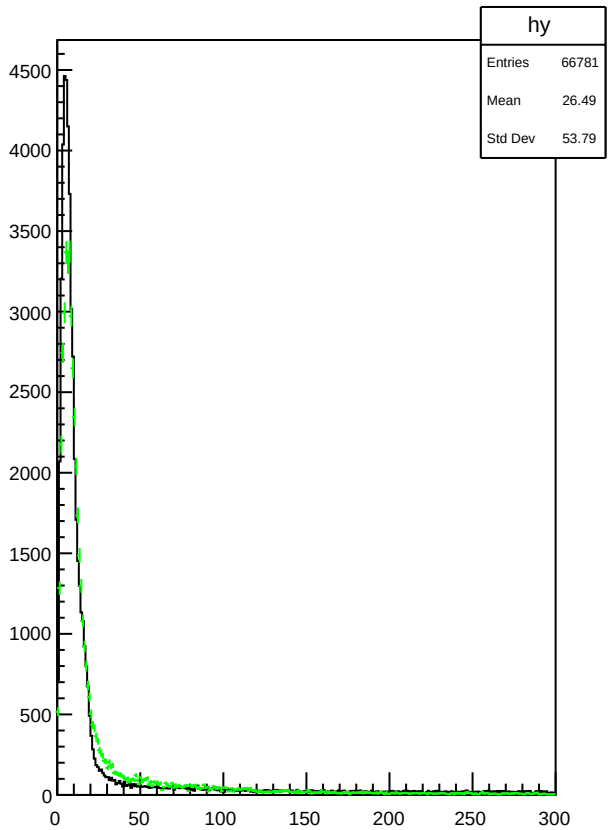
Plot 54 TrackAnalysis/LKrAnalysis_mindistvst_cluster 98



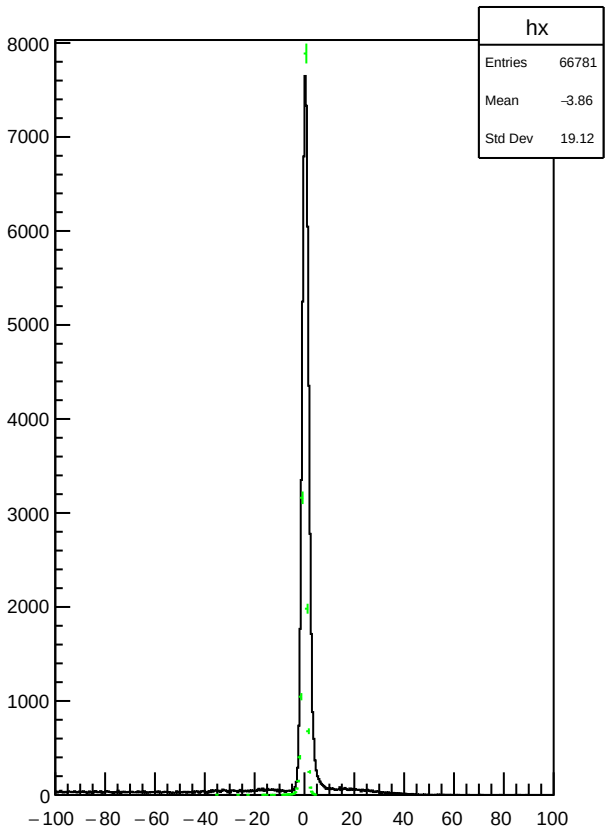
Plot 55 TrackAnalysis/LKrAnalysis_mindistvstchod_cluster 99



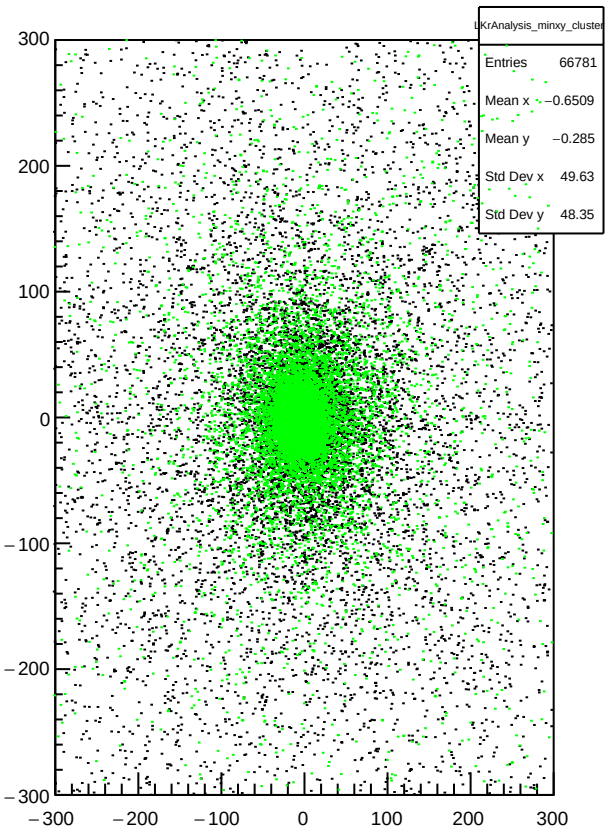
Plot 55 TrackAnalysis/LKrAnalysis_mindistvstchod_cluster 99



Plot 55 TrackAnalysis/LKrAnalysis_mindistvstchod_cluster 99



Plot 56 TrackAnalysis/LKrAnalysis_minxy_cluster 100



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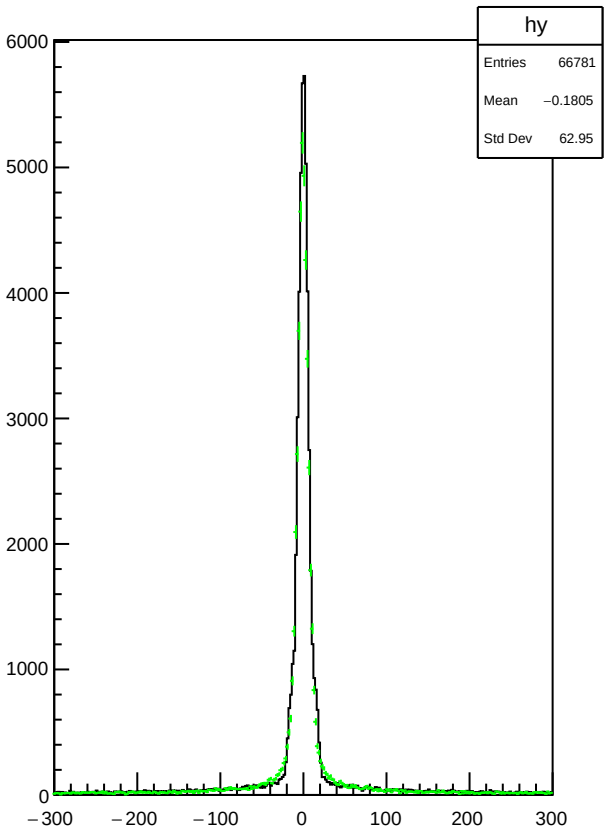

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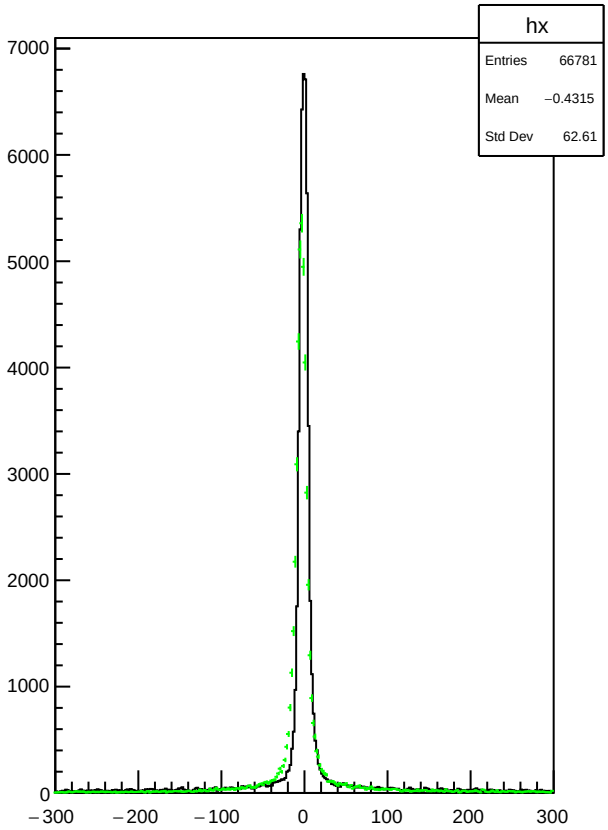
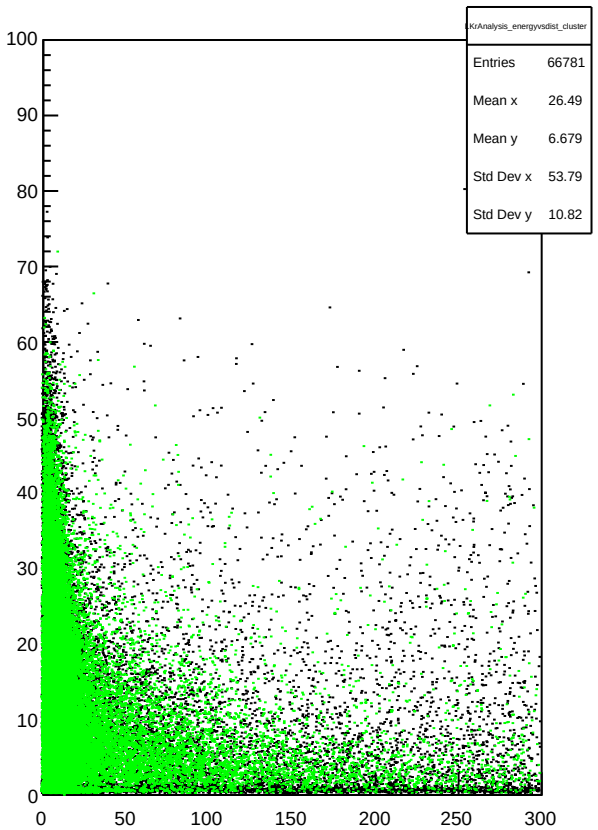
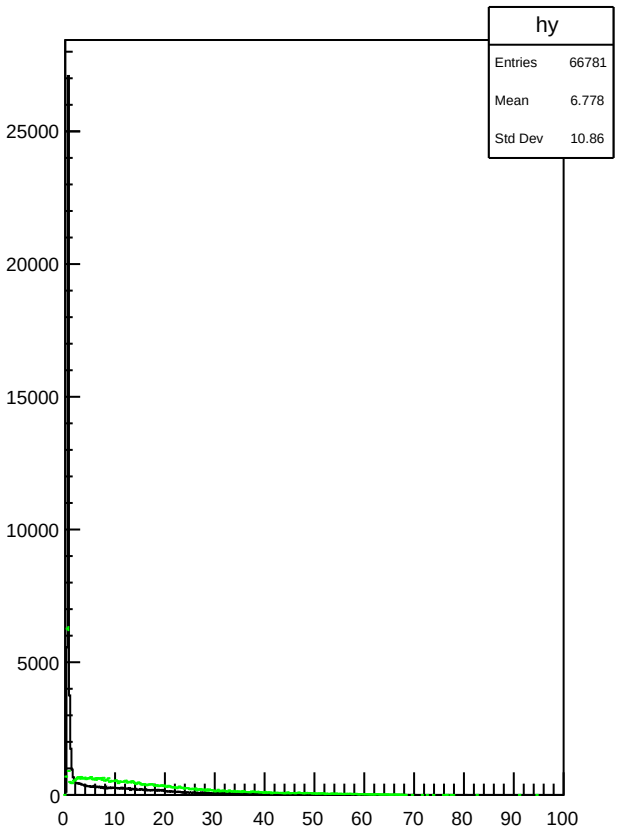


Plot 57 TrackAnalysis/LKrAnalysis_energyvsdist_cluster 101



Plot 57 TrackAnalysis/LKrAnalysis_energyvsdist_cluster 101



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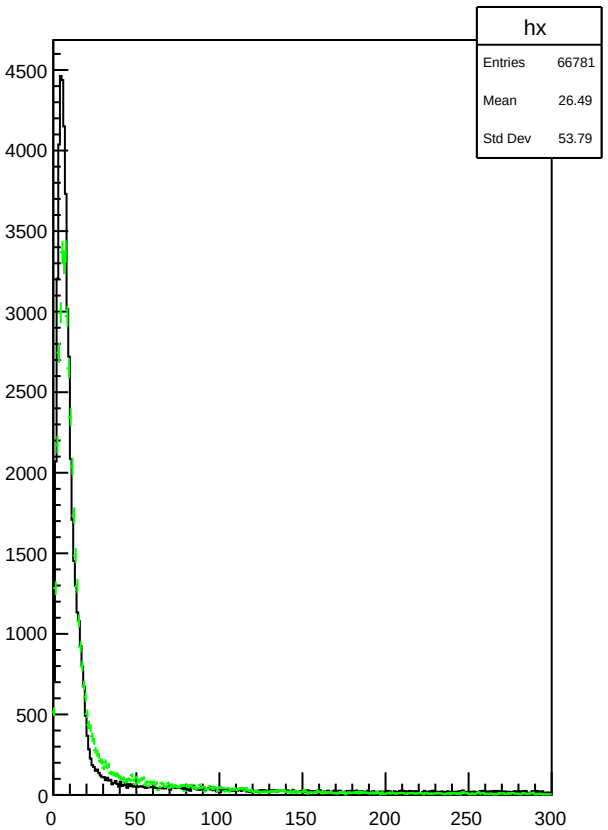
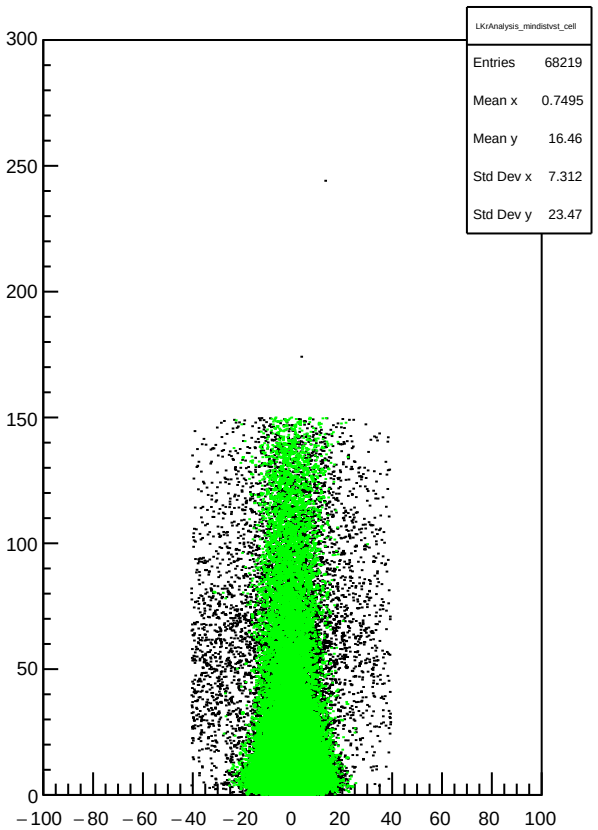


Plot 58 TrackAnalysis/LKrAnalysis_mindistvst_cell 102



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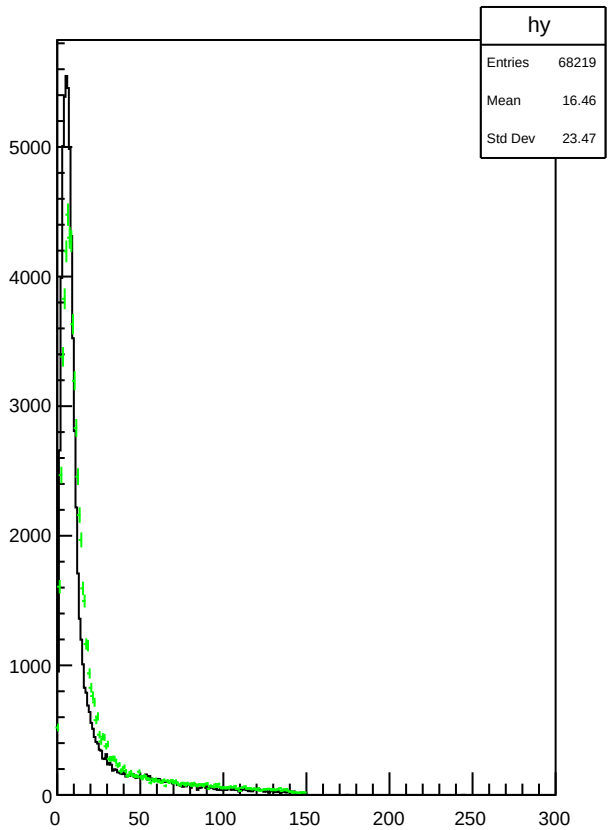

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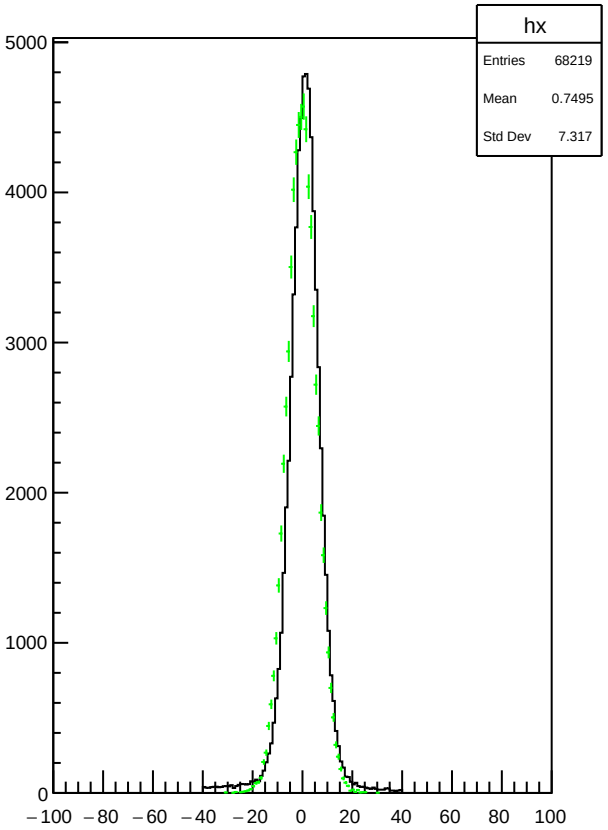
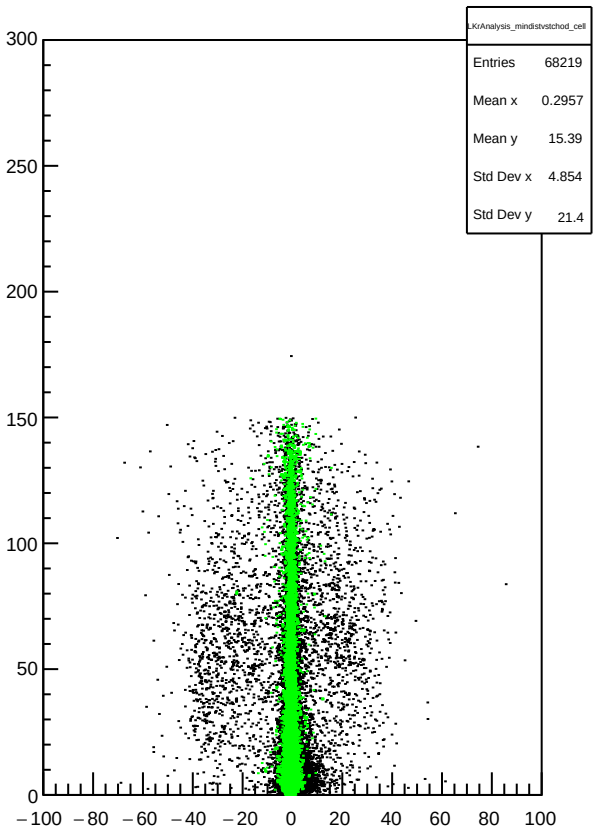
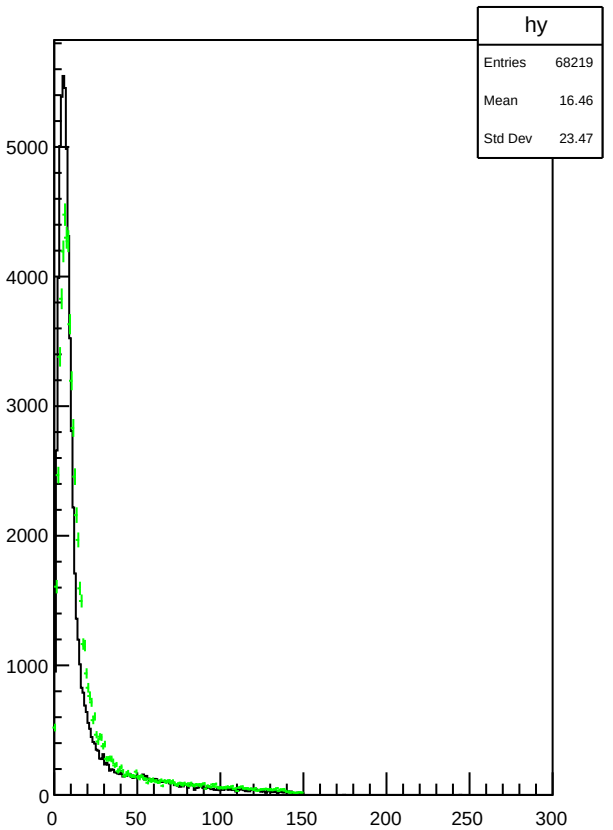


Plot 59 TrackAnalysis/LKrAnalysis_mindistvstchod_cell 103



Plot 59 TrackAnalysis/LKrAnalysis_mindistvstchod_cell 103



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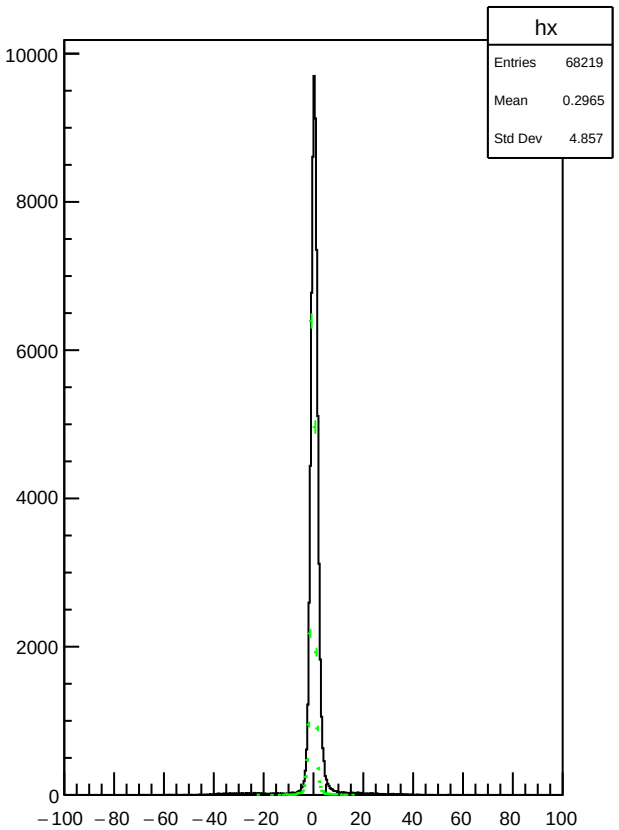
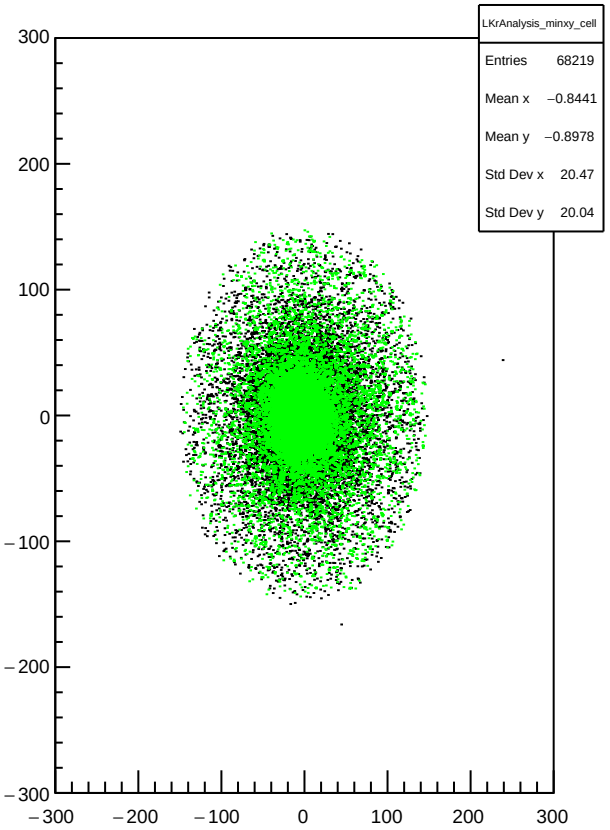


Plot 60 TrackAnalysis/LKrAnalysis_minxy_cell 104



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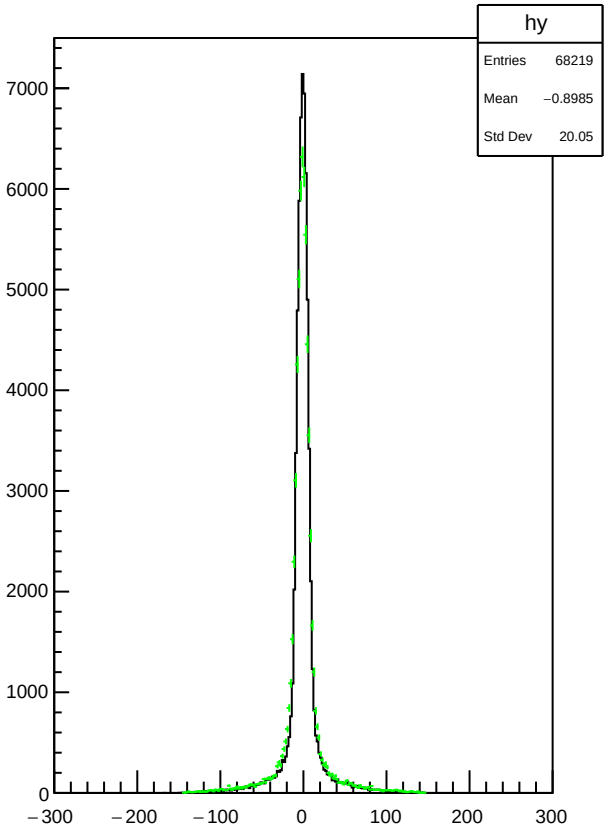

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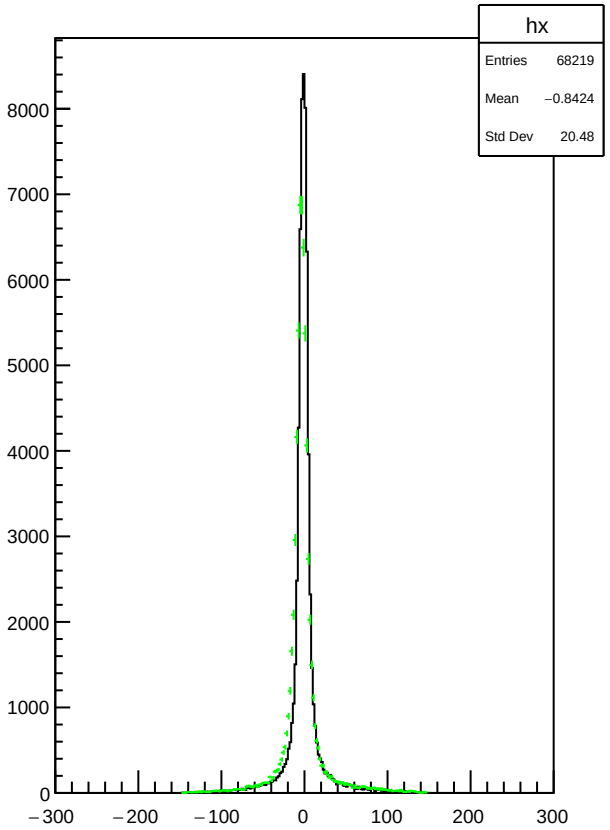
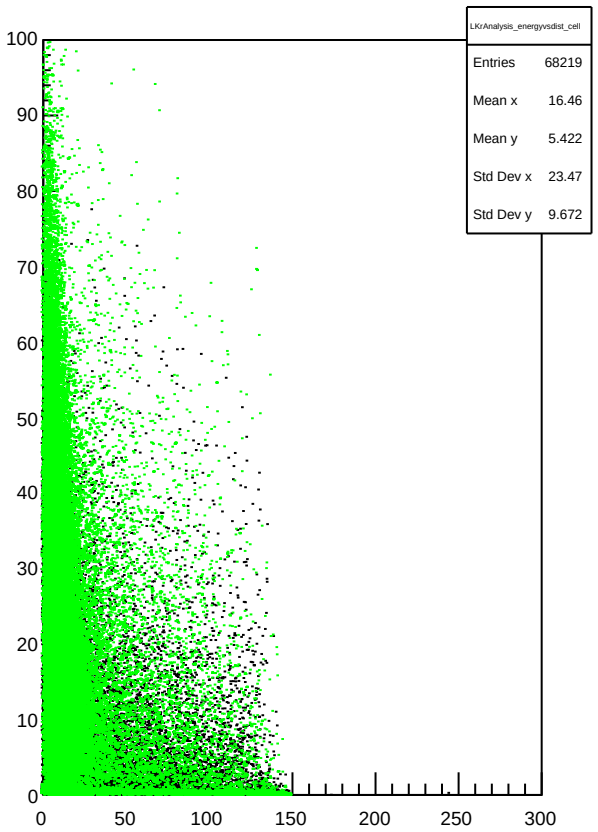
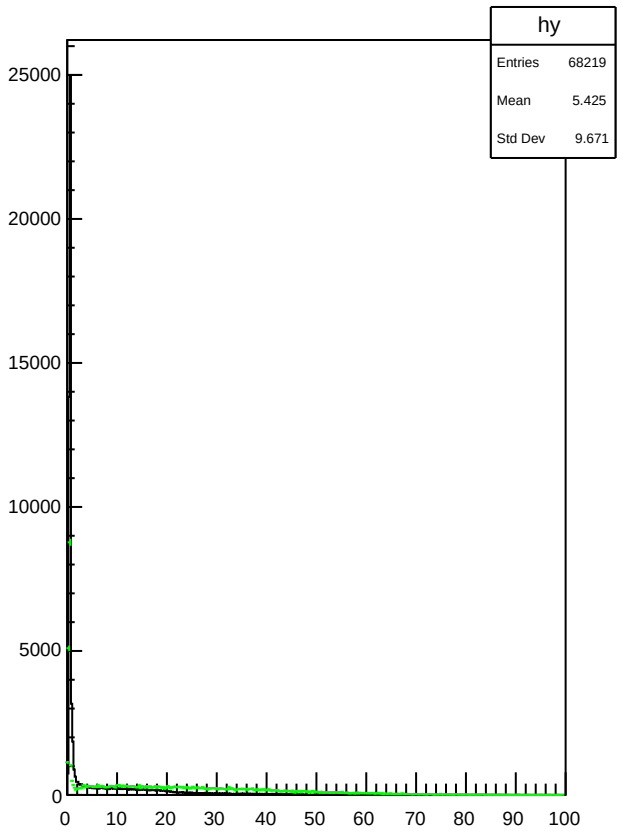


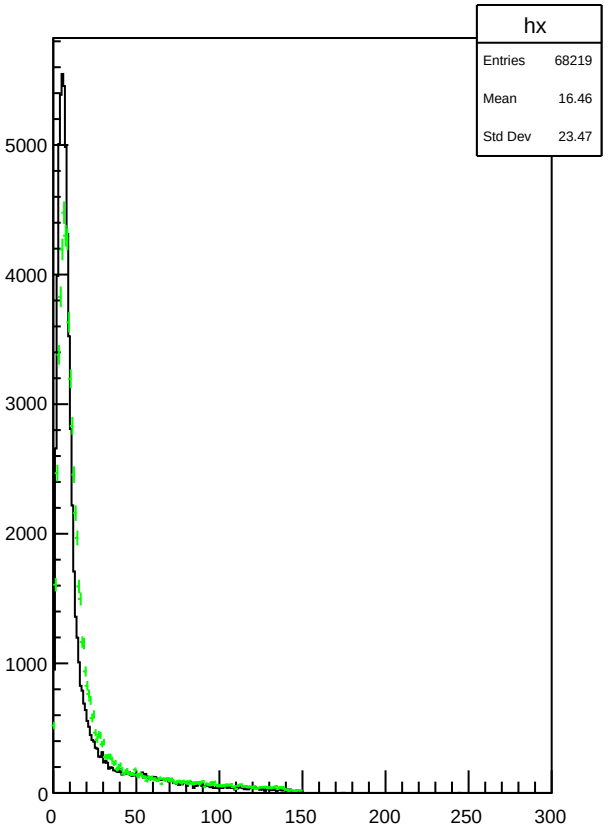
Plot 61 TrackAnalysis/LKrAnalysis_energyvsdist_cell 105



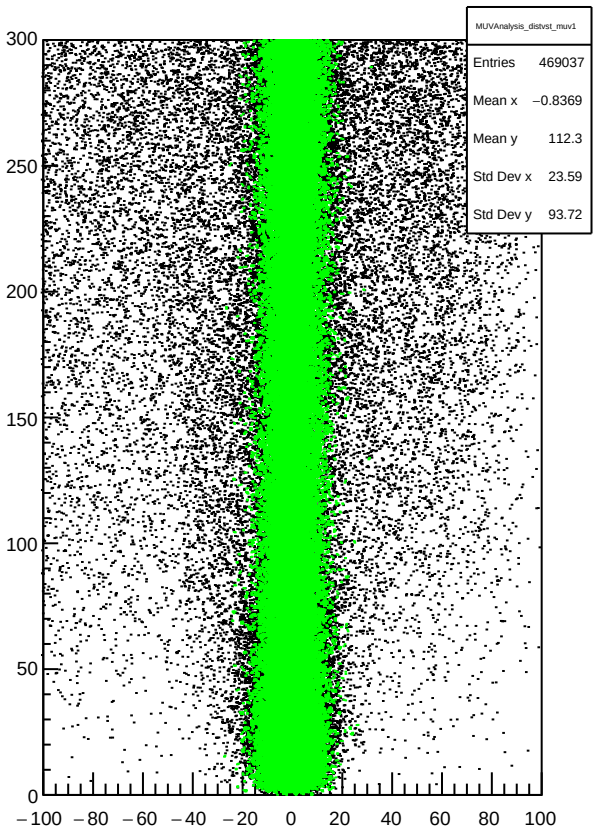
Plot 61 TrackAnalysis/LKrAnalysis_energyvsdist_cell 105



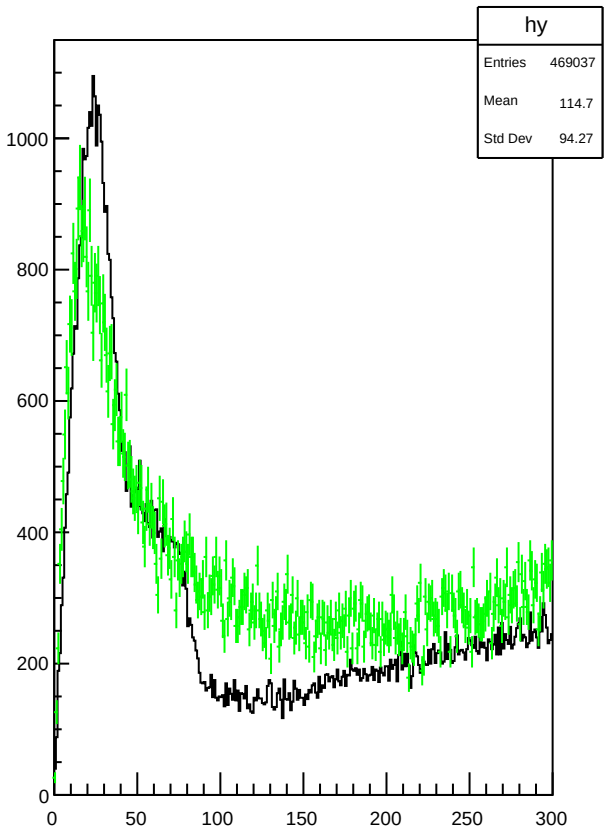
Plot 61 TrackAnalysis/LKrAnalysis_energyvsdist_cell 105



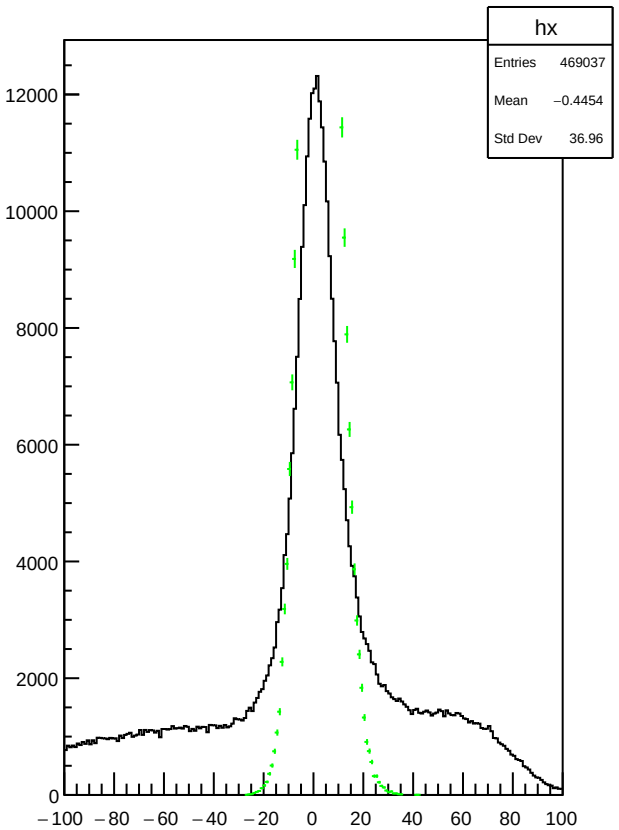
Plot 62 TrackAnalysis/MUVAnalysis_distvst_muv1 106



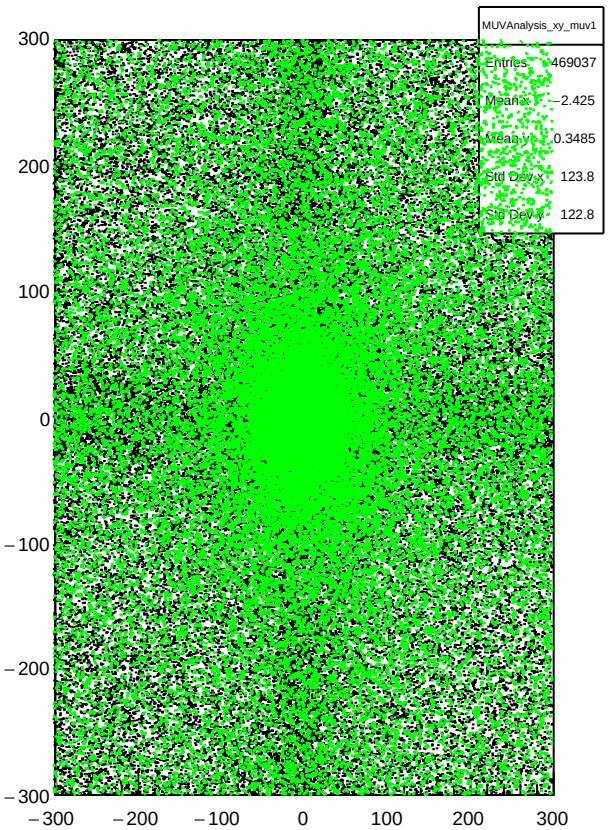
Plot 62 TrackAnalysis/MUVAnalysis_distvst_muv1 106



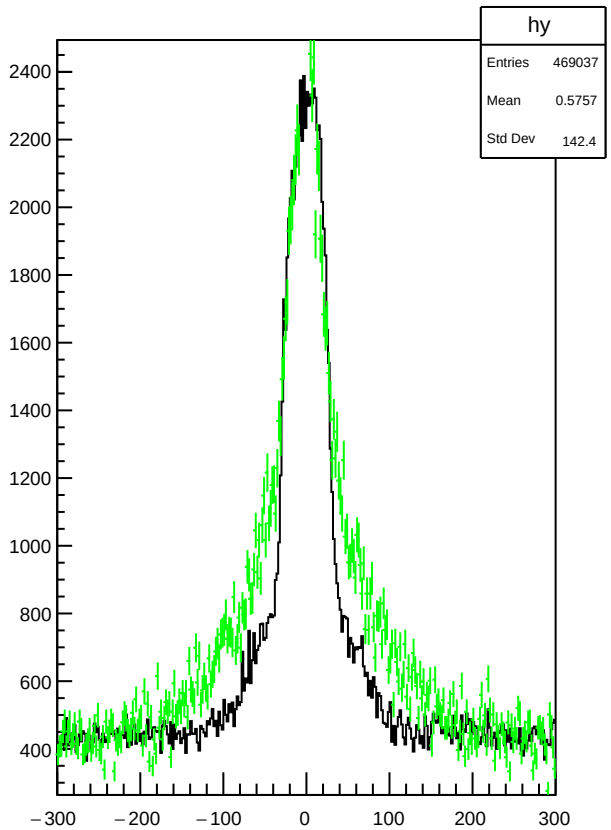
Plot 62 TrackAnalysis/MUVAnalysis_distvst_muv1 106



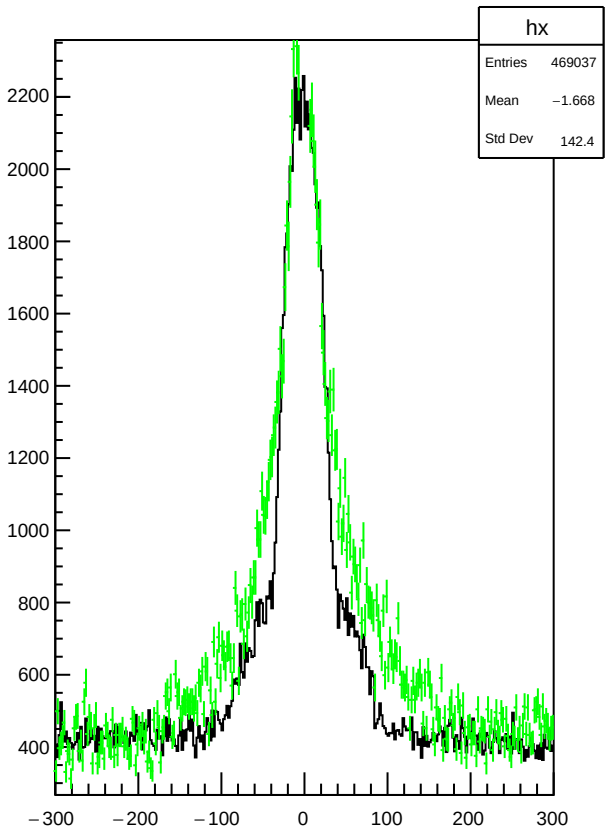
Plot 63 TrackAnalysis/MUVAnalysis_xy_muv1 107



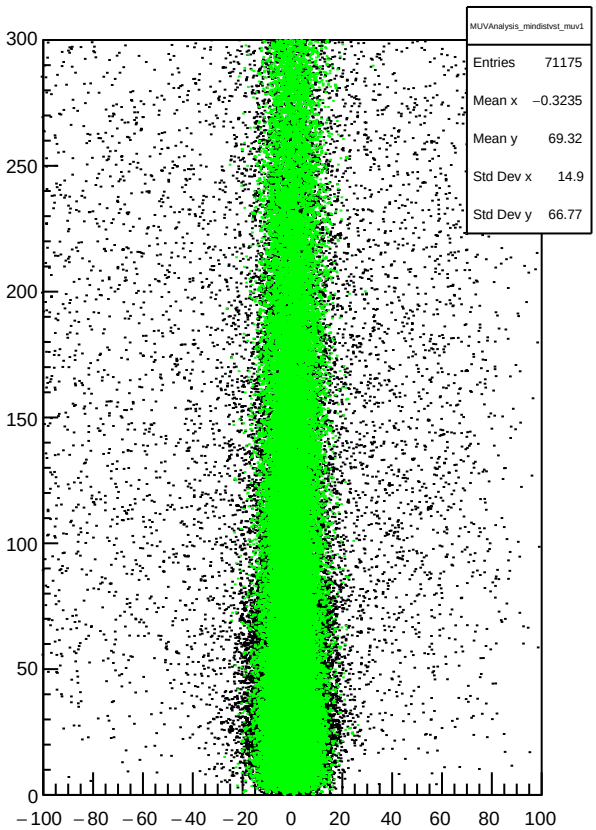
Plot 63 TrackAnalysis/MUVAnalysis_xy_muv1 107



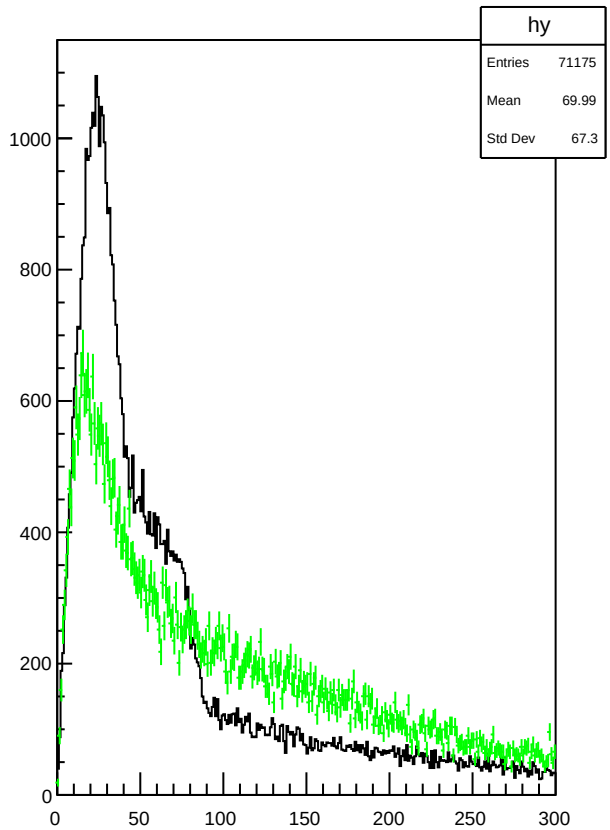
Plot 63 TrackAnalysis/MUVAnalysis_xy_muv1 107



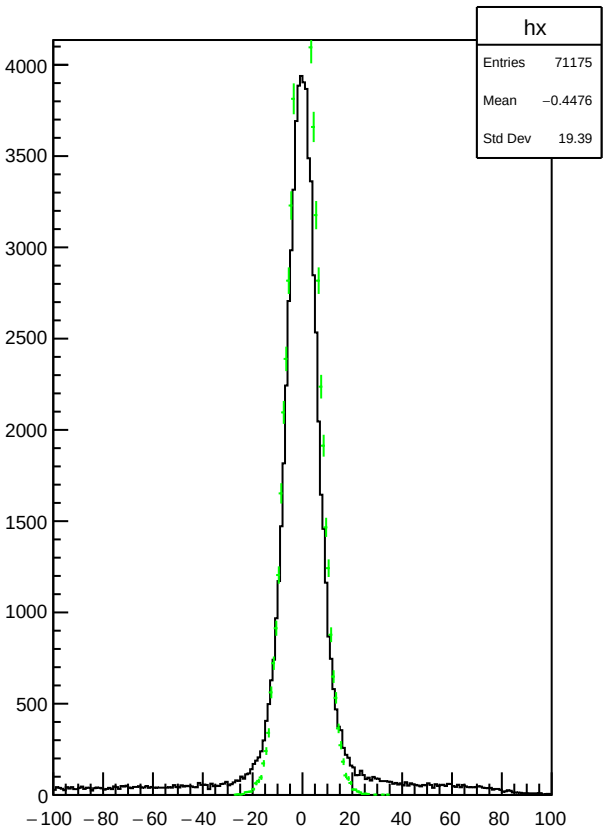
Plot 64 TrackAnalysis/MUVAnalysis_mindistvst_muv1 108



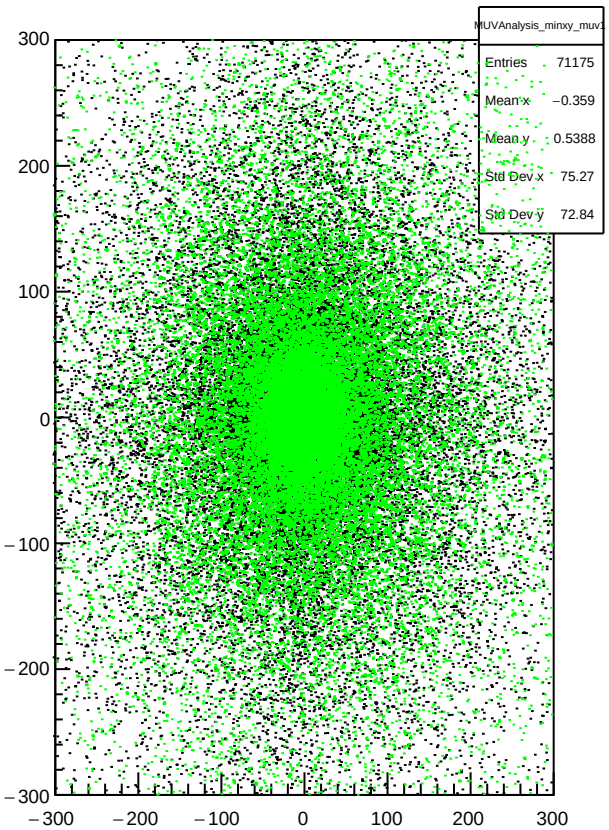
Plot 64 TrackAnalysis/MUVAnalysis_mindistvst_muv1 108



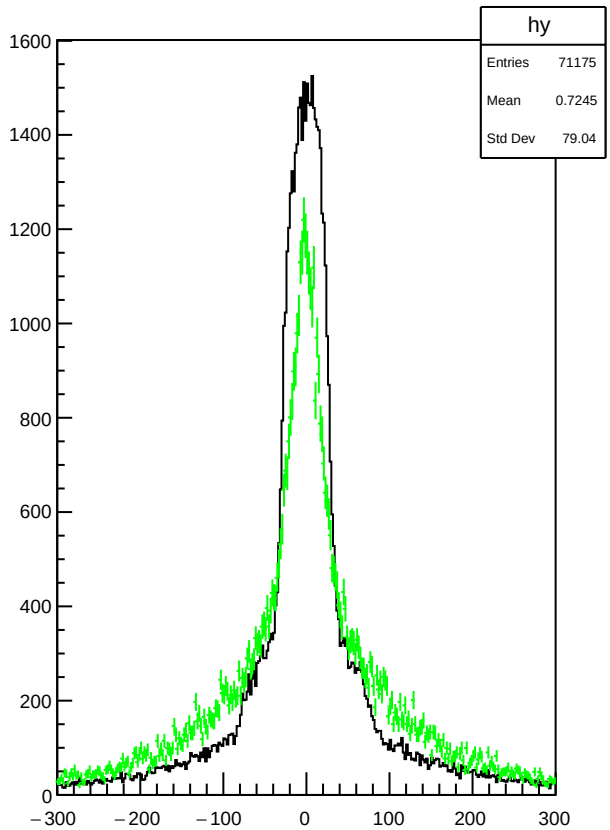
Plot 64 TrackAnalysis/MUVAnalysis_mindistvst_muv1 108



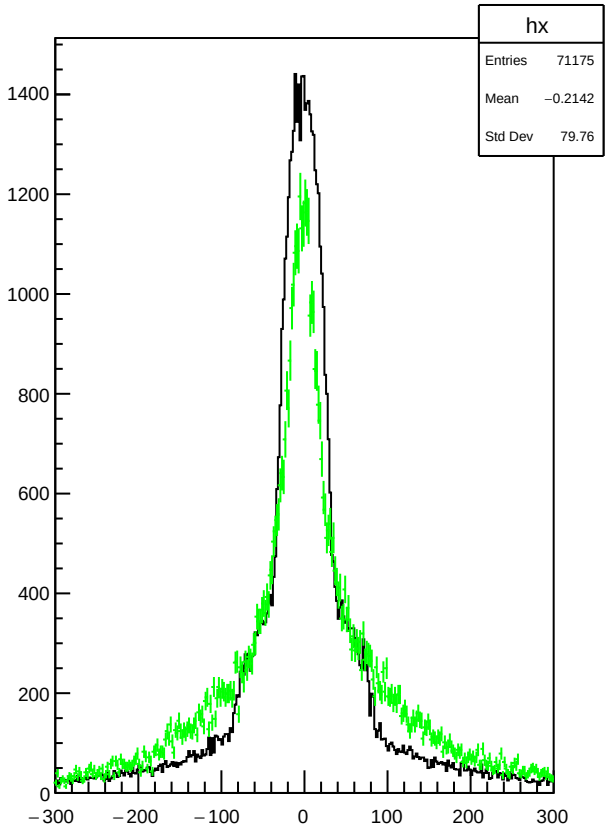
Plot 65 TrackAnalysis/MUVAnalysis_minxy_muv1 109



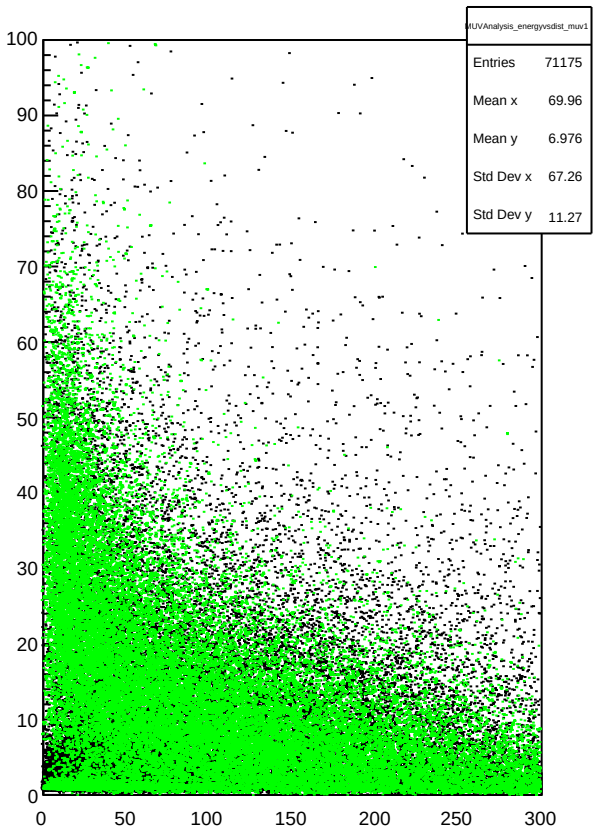
Plot 65 TrackAnalysis/MUVAnalysis_minxy_muv1 109



Plot 65 TrackAnalysis/MUVAnalysis_minxy_muv1 109



Plot 66 TrackAnalysis/MUVAnalysis_energyvsdist_muv1 110



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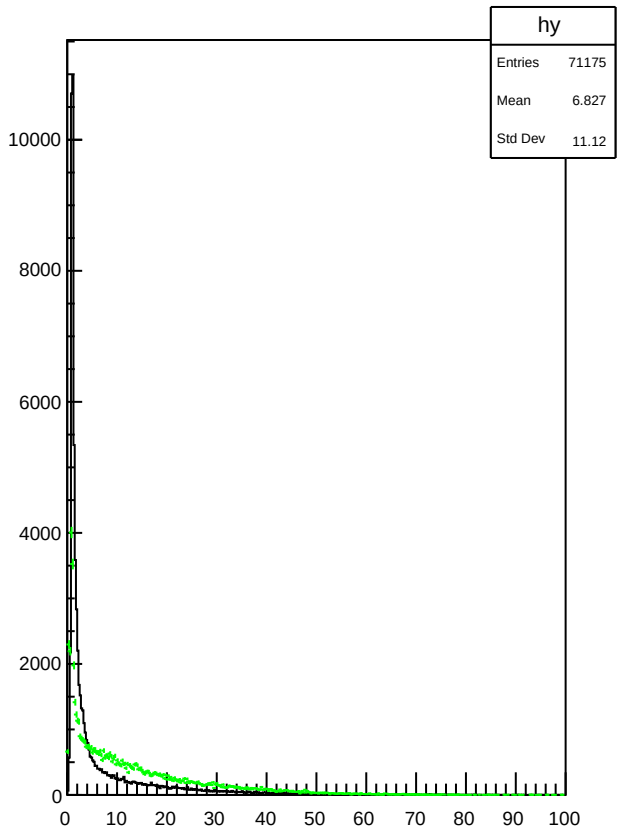

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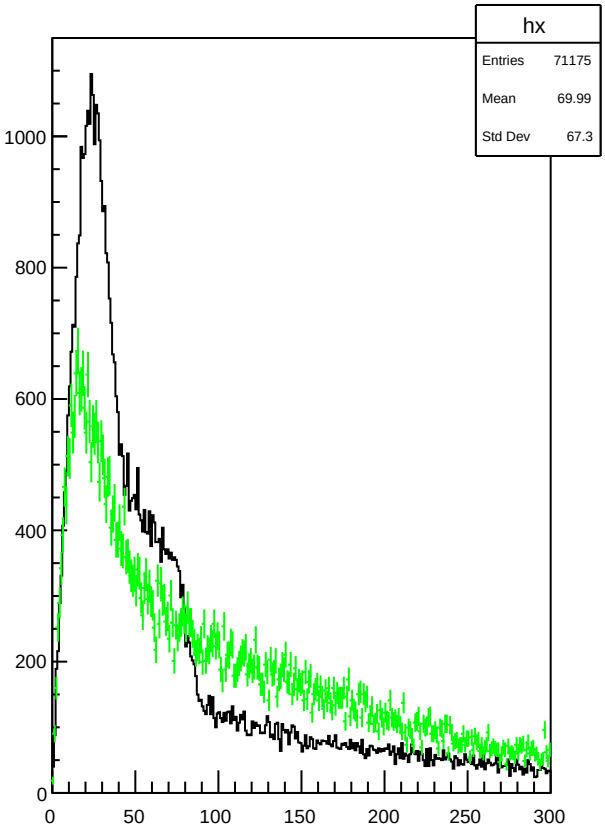
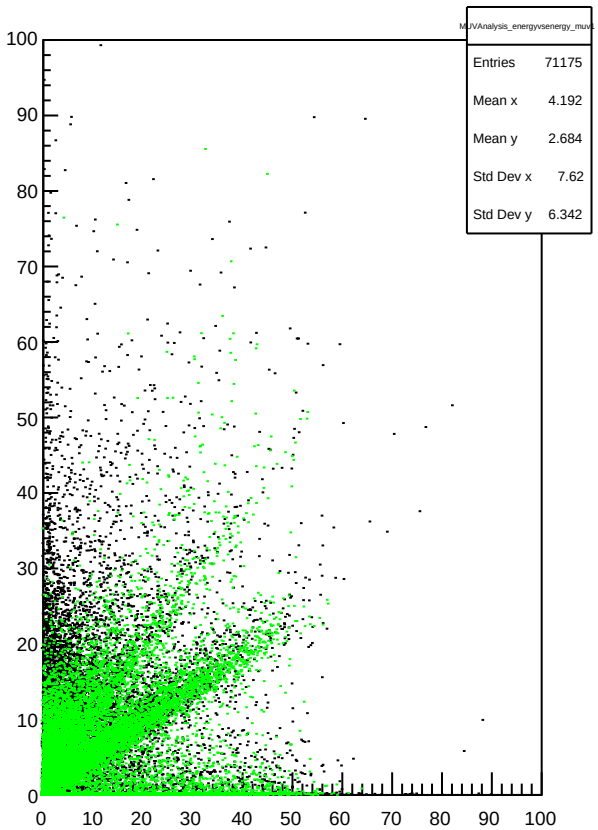
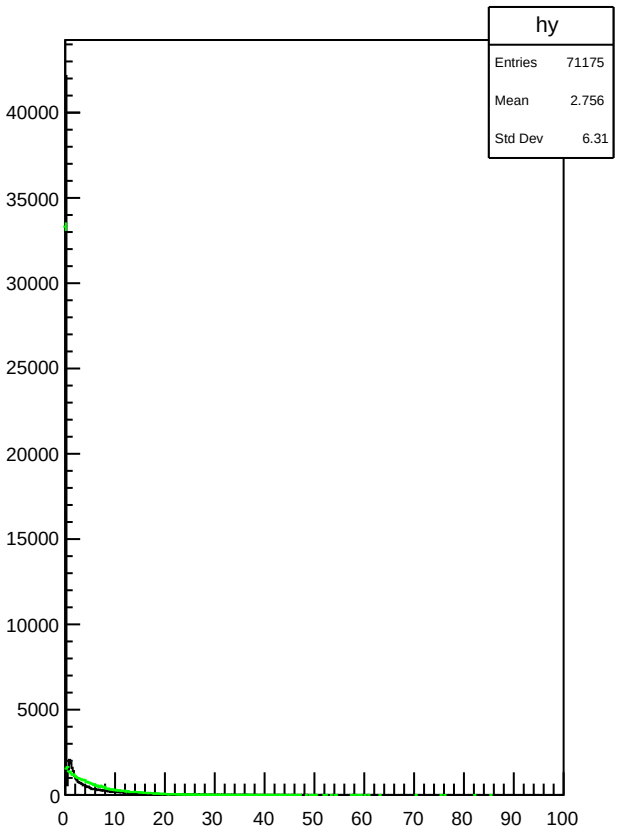


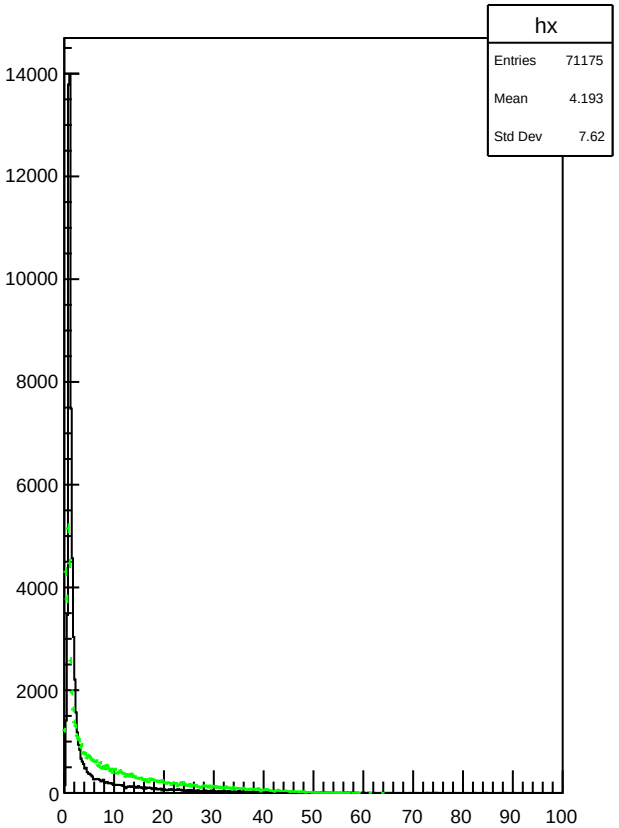
Plot 67 TrackAnalysis/MUVAnalysis_energyvsenergy_muv1 111



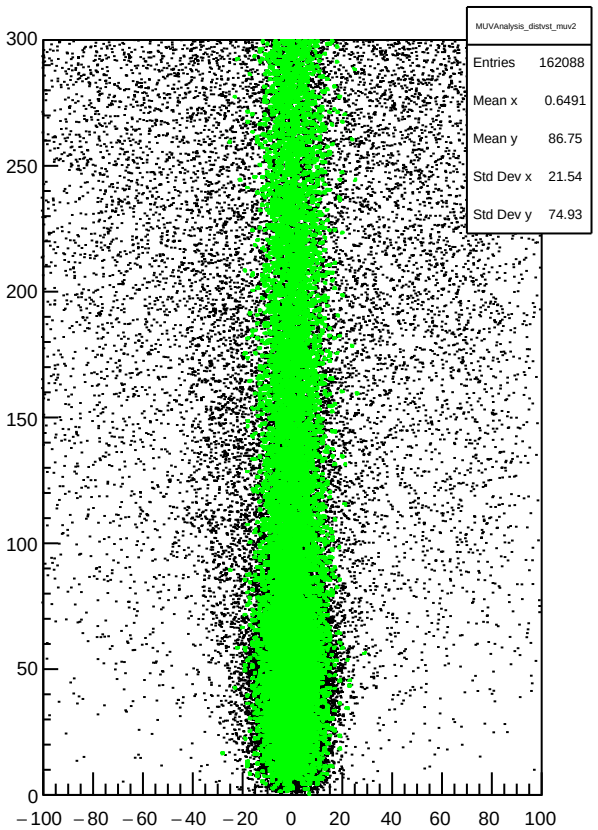
Plot 67 TrackAnalysis/MUVAnalysis_energyvsenergy_muv1 111



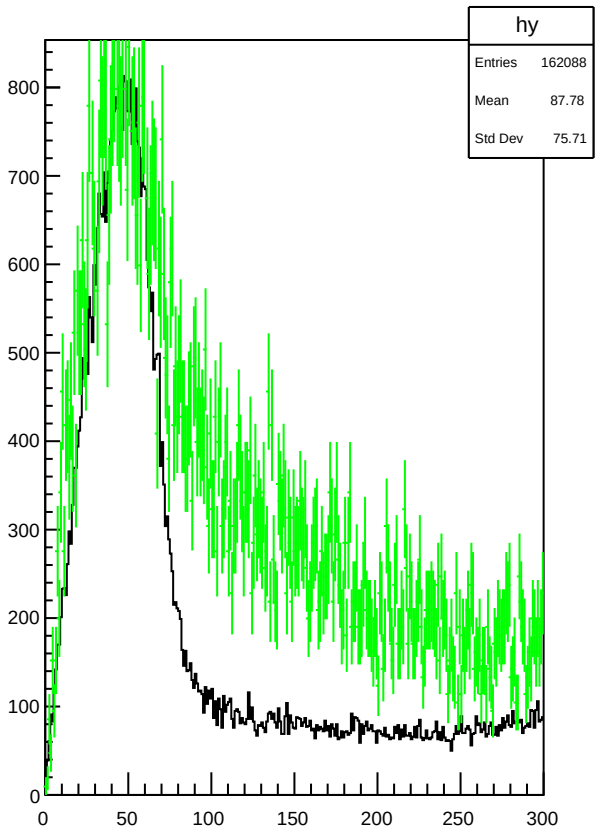
Plot 67 TrackAnalysis/MUVAnalysis_energyvsenergy_muv1 111



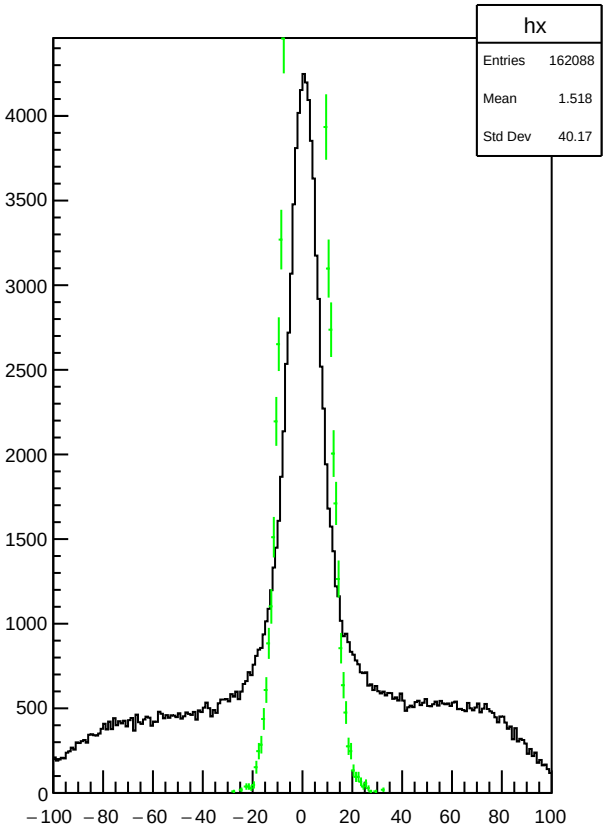
Plot 68 TrackAnalysis/MUVAnalysis_distvst_muv2 112



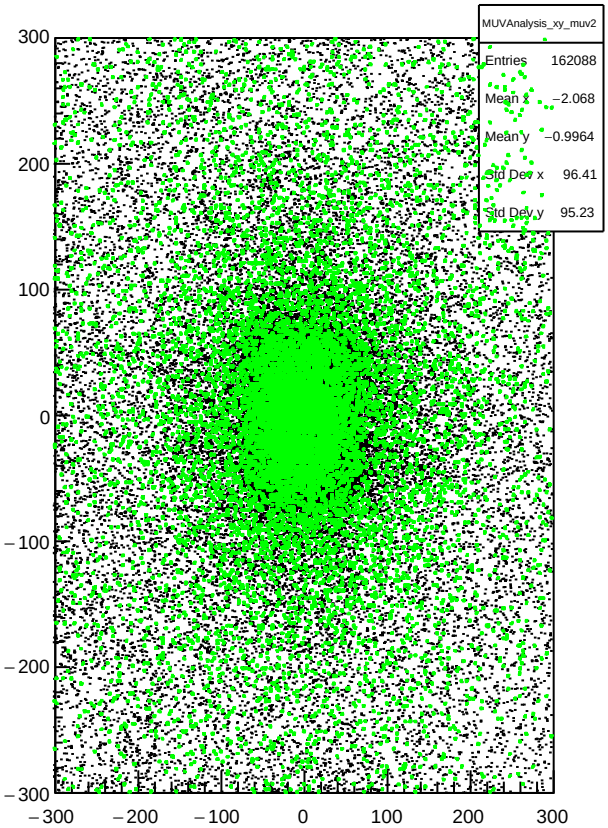
Plot 68 TrackAnalysis/MUVAnalysis_distvst_muv2 112



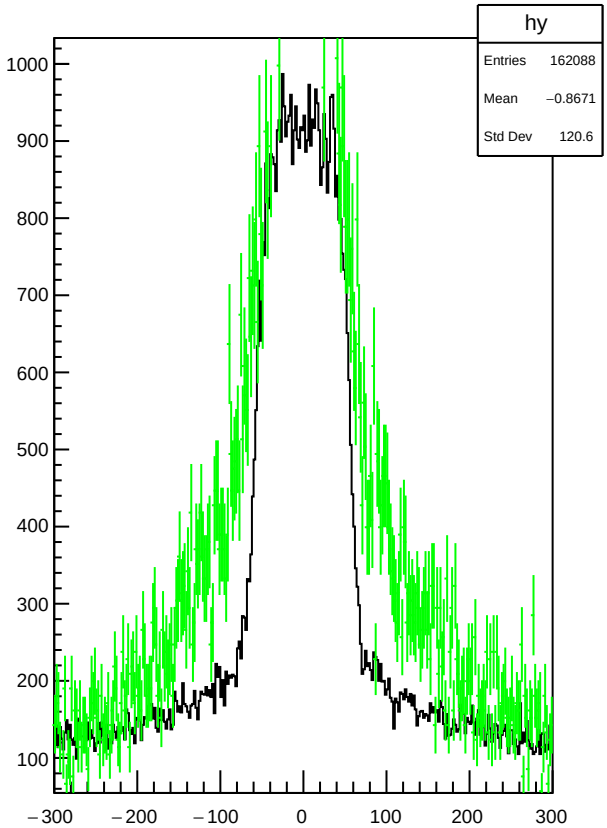
Plot 68 TrackAnalysis/MUVAnalysis_distvst_muv2 112



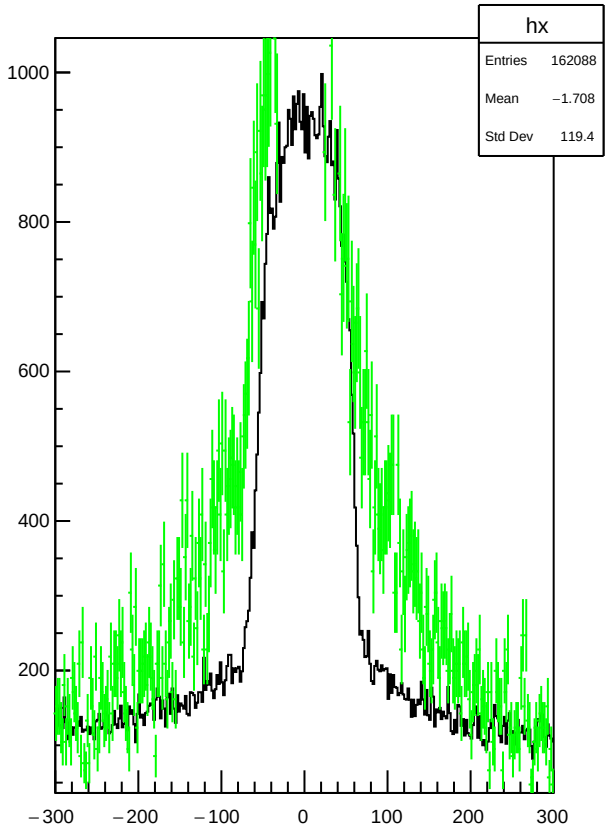
Plot 69 TrackAnalysis/MUVAnalysis_xy_muv2 113



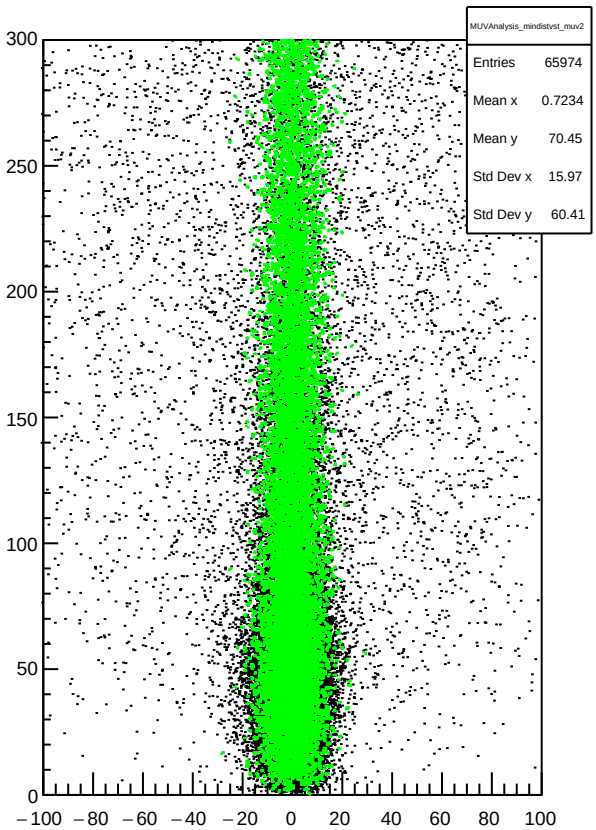
Plot 69 TrackAnalysis/MUVAnalysis_xy_muv2 113



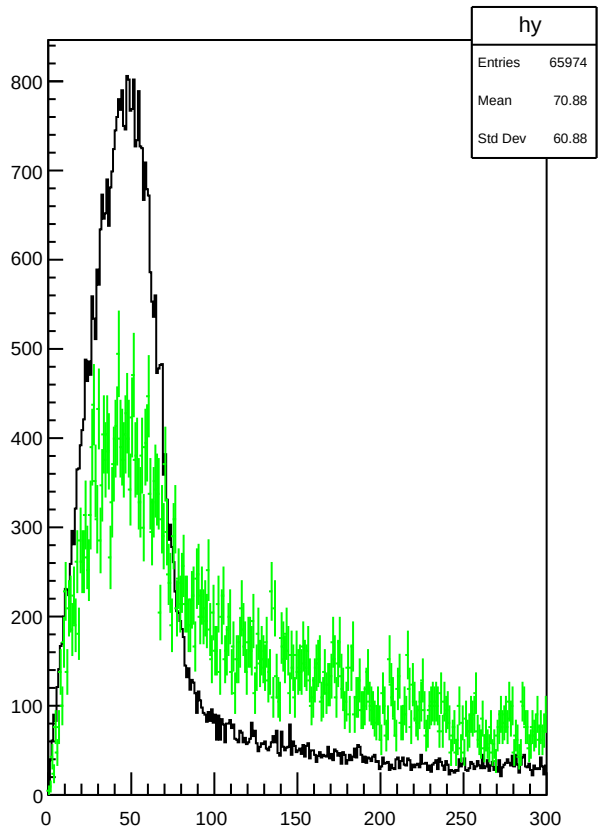
Plot 69 TrackAnalysis/MUVAnalysis_xy_muv2 113



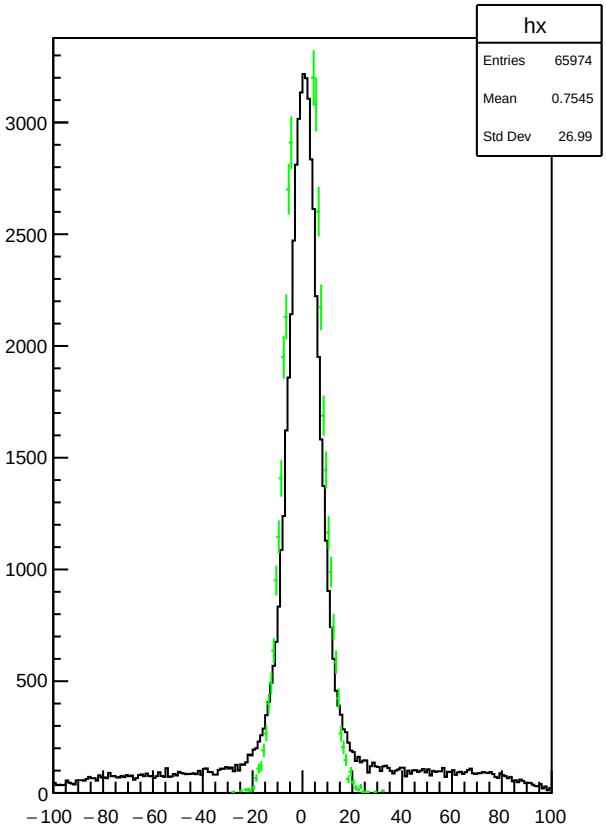
Plot 70 TrackAnalysis/MUVAnalysis_mindistvst_muv2 114



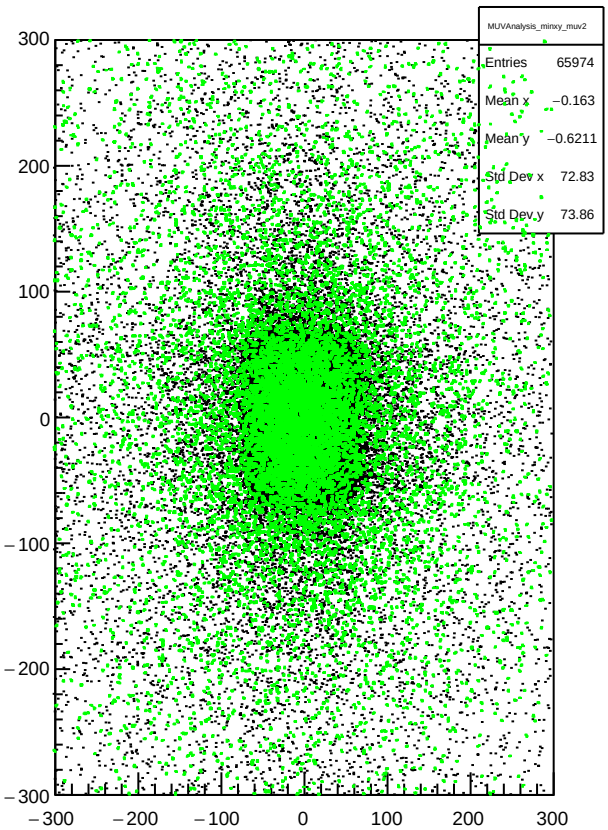
Plot 70 TrackAnalysis/MUVAnalysis_mindistvst_muv2 114



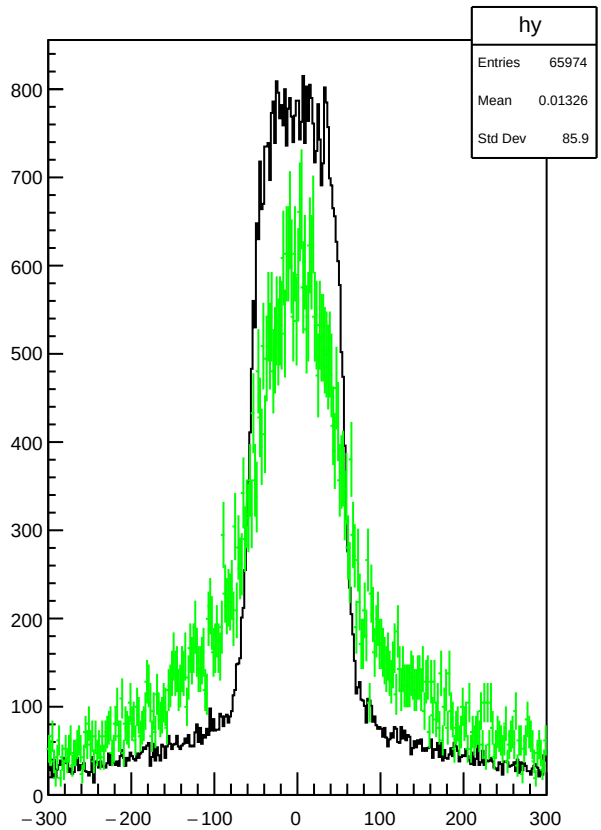
Plot 70 TrackAnalysis/MUVAnalysis_mindistvst_muv2 114



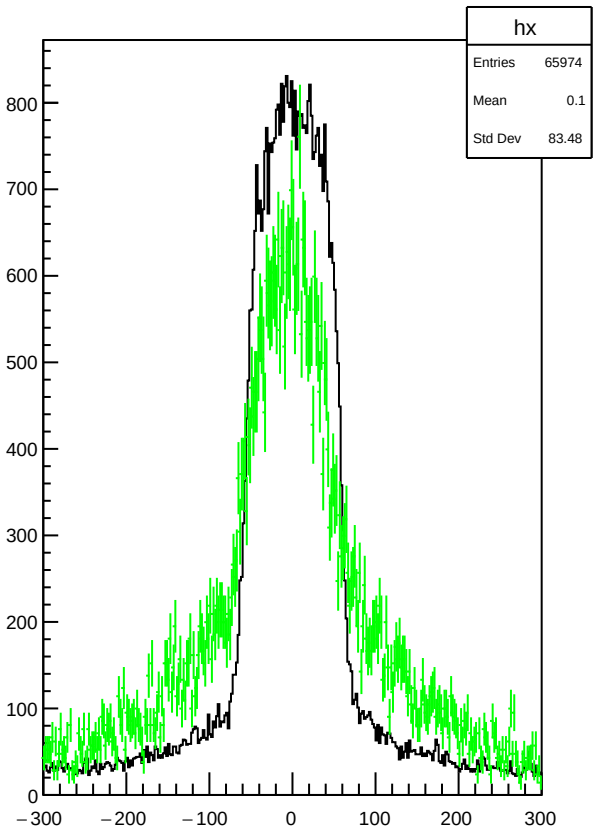
Plot 71 TrackAnalysis/MUVAnalysis_minxy_muv2 115



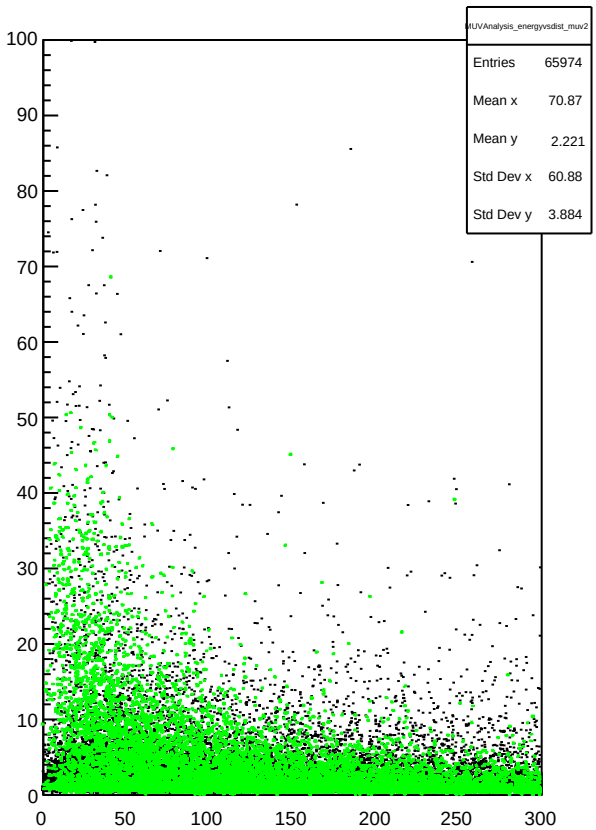
Plot 71 TrackAnalysis/MUVAnalysis_minxy_muv2 115



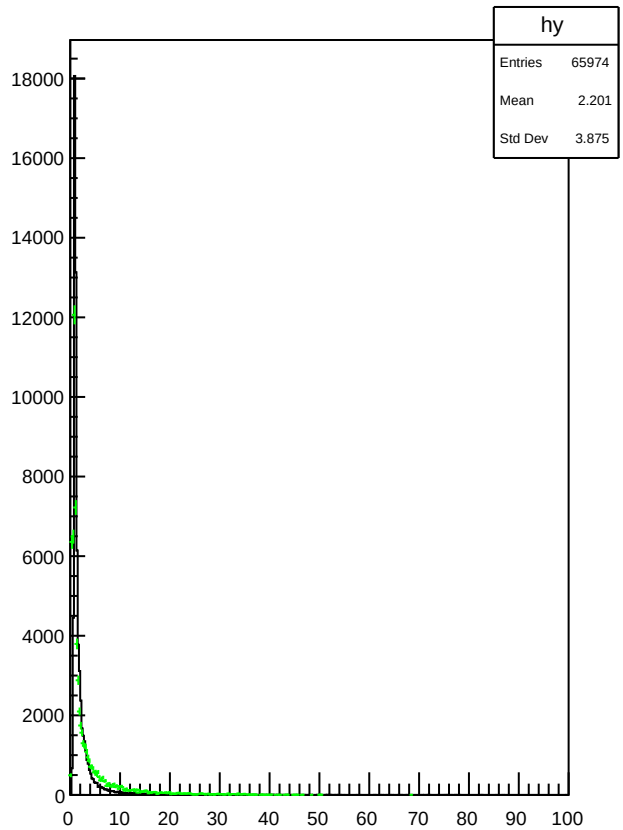
Plot 71 TrackAnalysis/MUVAnalysis_minxy_muv2 115



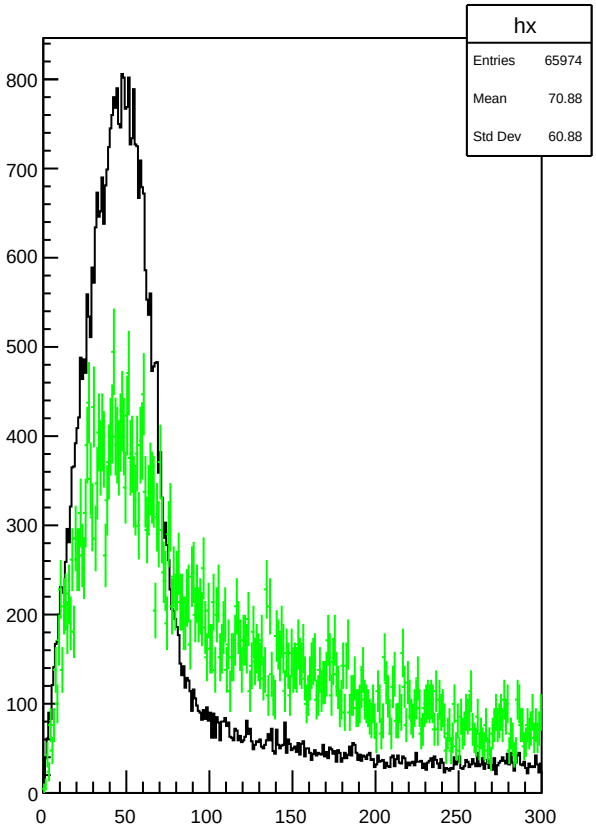
Plot 72 TrackAnalysis/MUVAnalysis_energyvsdist_muv2 116



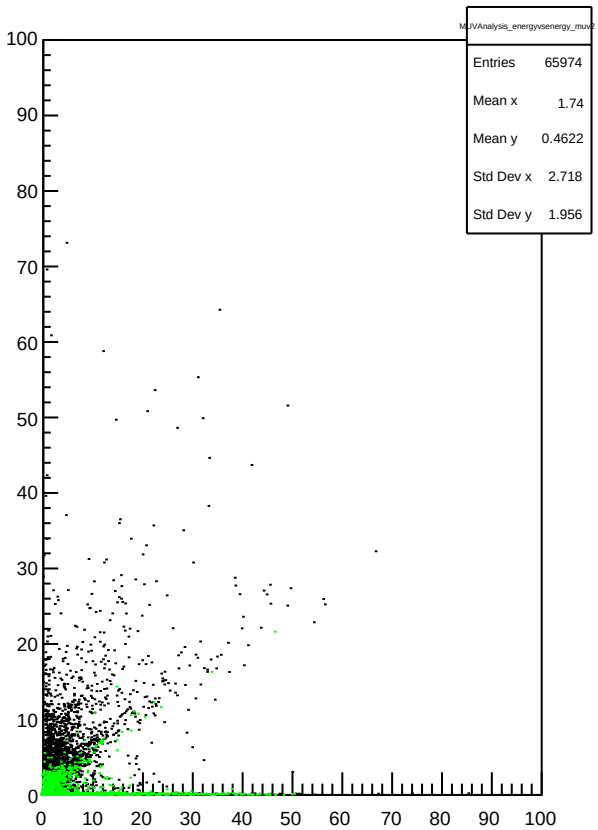
Plot 72 TrackAnalysis/MUVAnalysis_energyvsdist_muv2 116



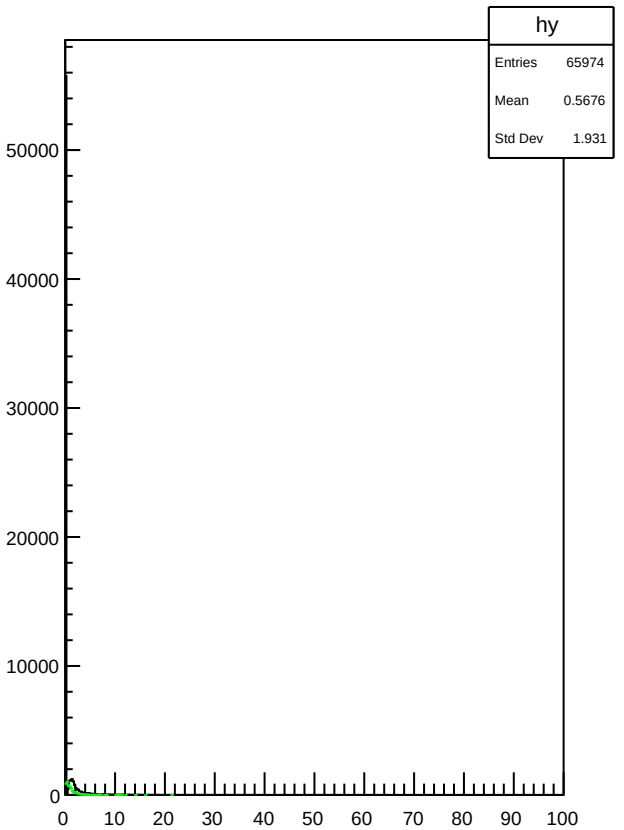
Plot 72 TrackAnalysis/MUVAnalysis_energyvsdist_muv2 116



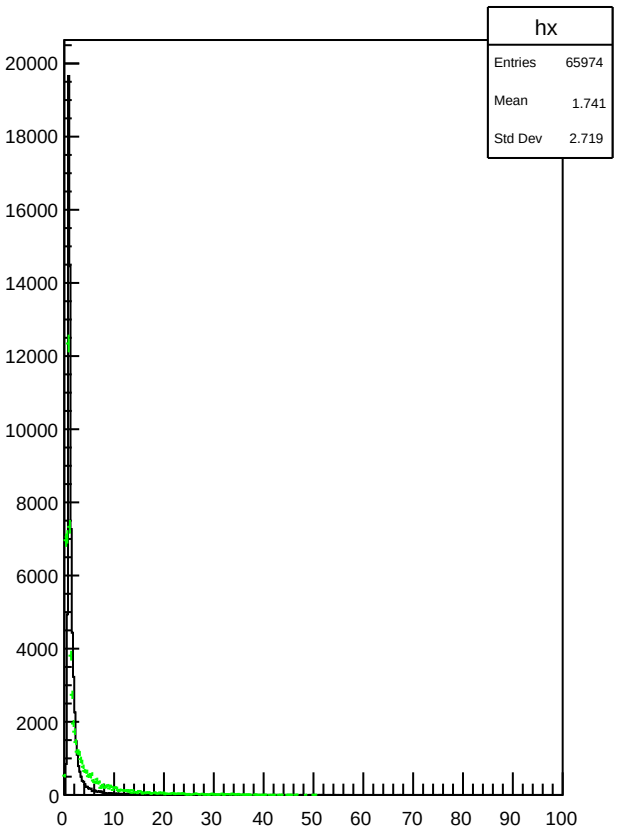
Plot 73 TrackAnalysis/MUVAnalysis_energyvsenergy_muv2 117



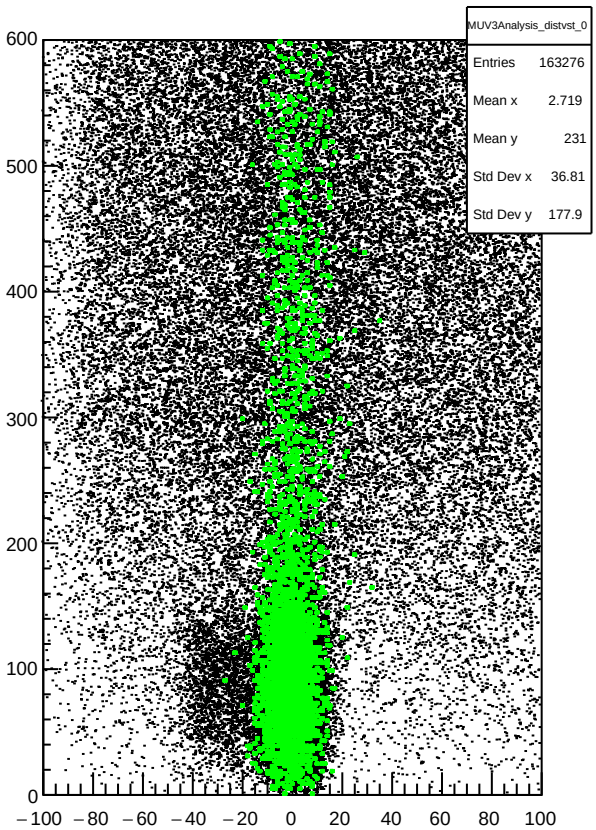
Plot 73 TrackAnalysis/MUVAnalysis_energyvsenergy_muv2 117



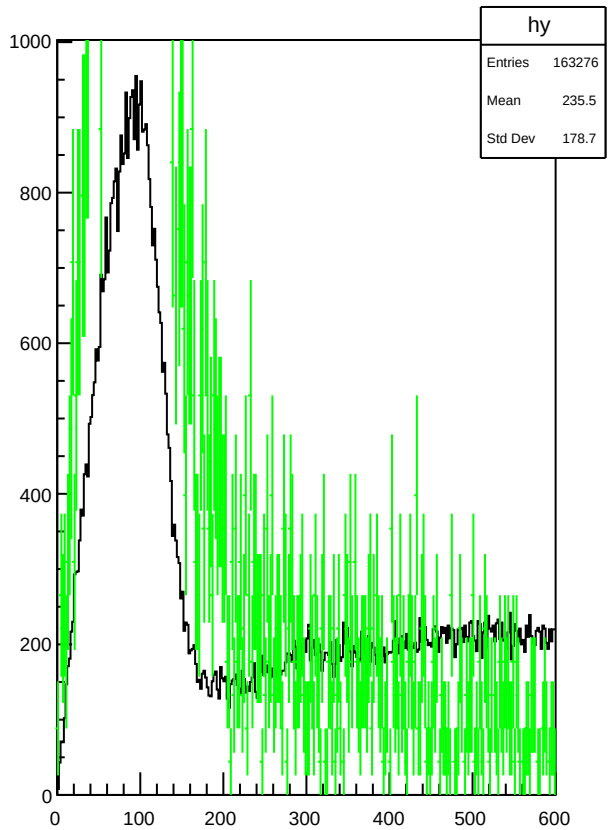
Plot 73 TrackAnalysis/MUVAnalysis_energyvsenergy_muv2 117



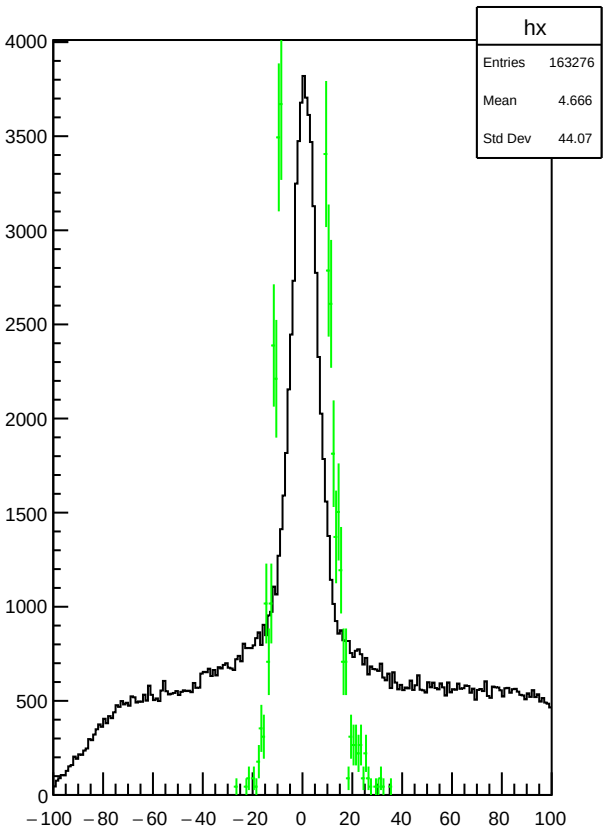
Plot 74 TrackAnalysis/MUV3Analysis_distvst_0 118



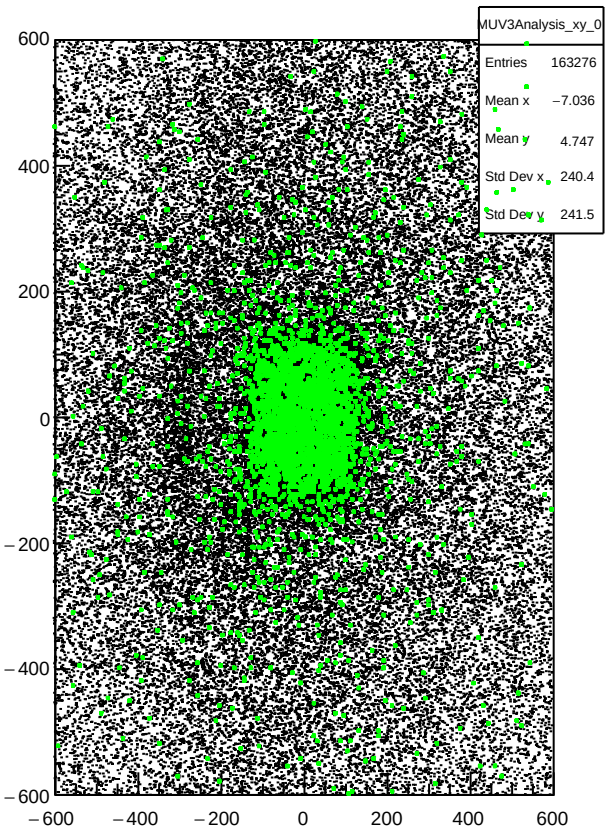
Plot 74 TrackAnalysis/MUV3Analysis_distvst_0 118



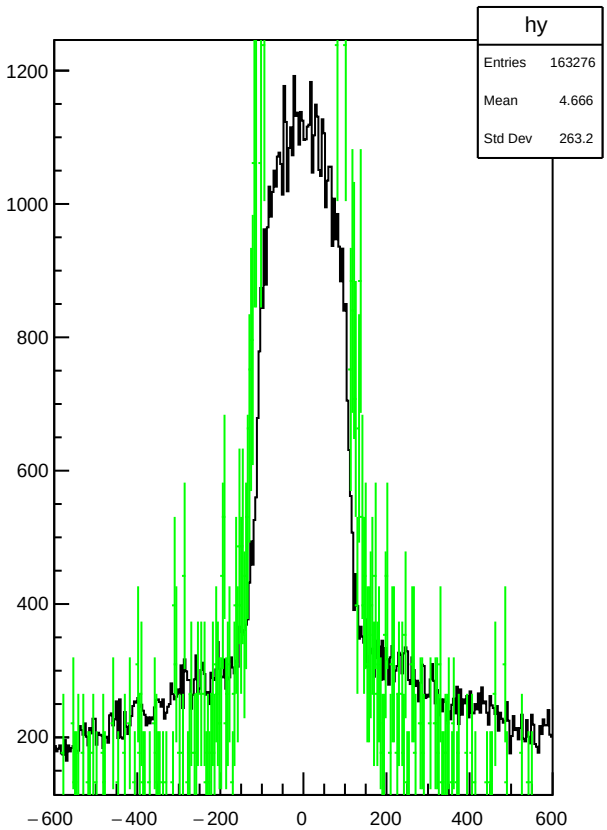
Plot 74 TrackAnalysis/MUV3Analysis_distvst_0 118



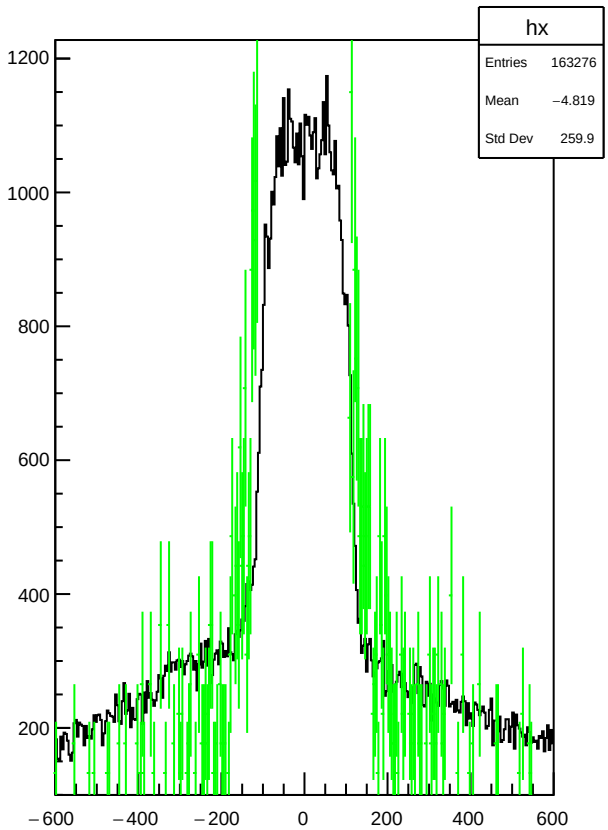
Plot 75 TrackAnalysis/MUV3Analysis_xy_0 119



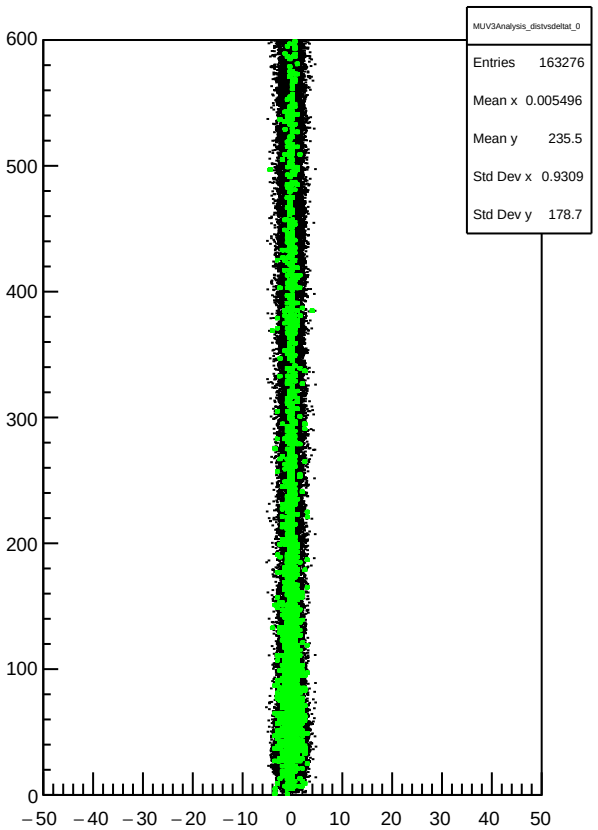
Plot 75 TrackAnalysis/MUV3Analysis_xy_0 119



Plot 75 TrackAnalysis/MUV3Analysis_xy_0 119



Plot 76 TrackAnalysis/MUV3Analysis_distvsdeltat_0 120



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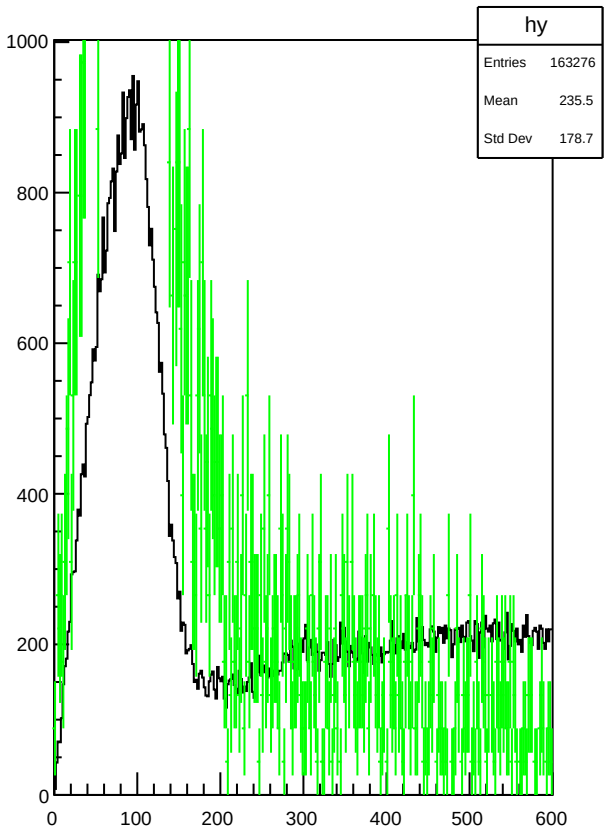
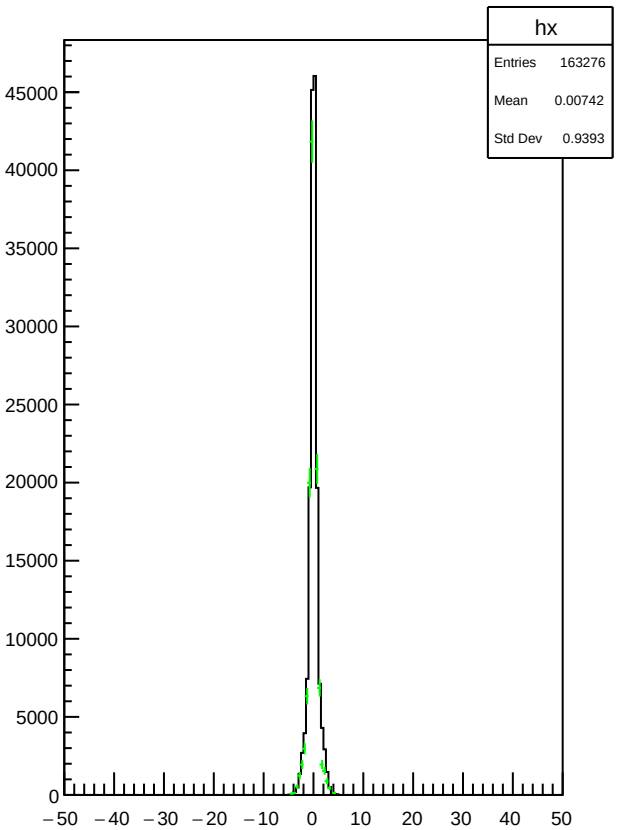
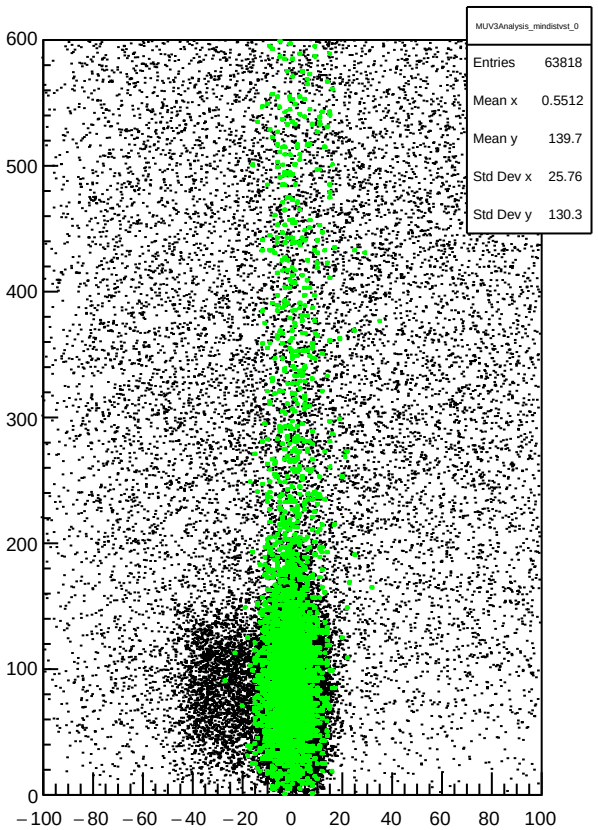


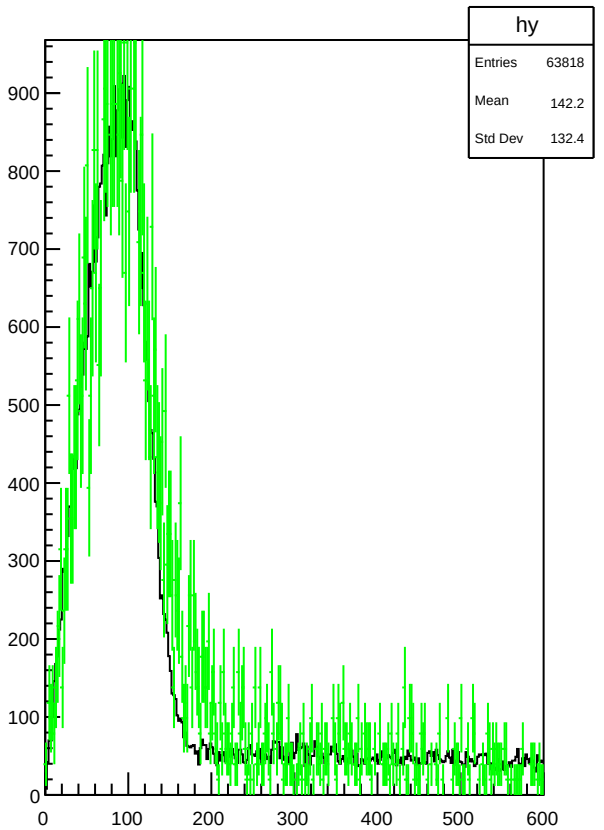
Plot 76 TrackAnalysis/MUV3Analysis_distvsdeltat_0 120



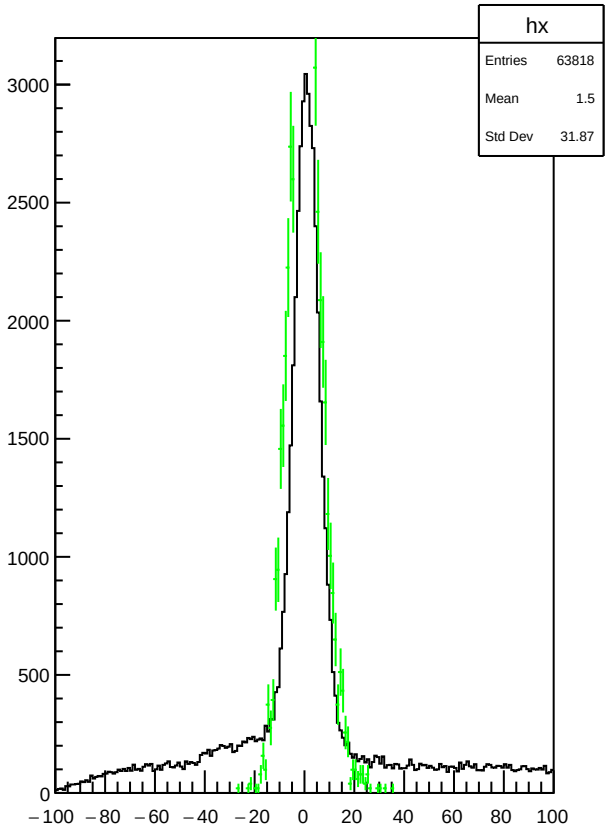
Plot 77 TrackAnalysis/MUV3Analysis_mindistvst_0 121



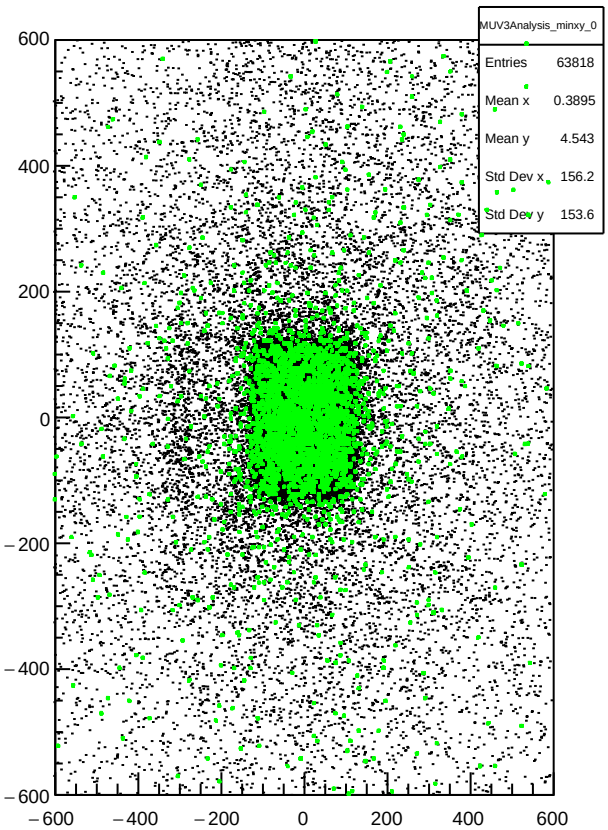
Plot 77 TrackAnalysis/MUV3Analysis_mindistvst_0 121



Plot 77 TrackAnalysis/MUV3Analysis_mindistvst_0 121



Plot 78 TrackAnalysis/MUV3Analysis_minxy_0 122



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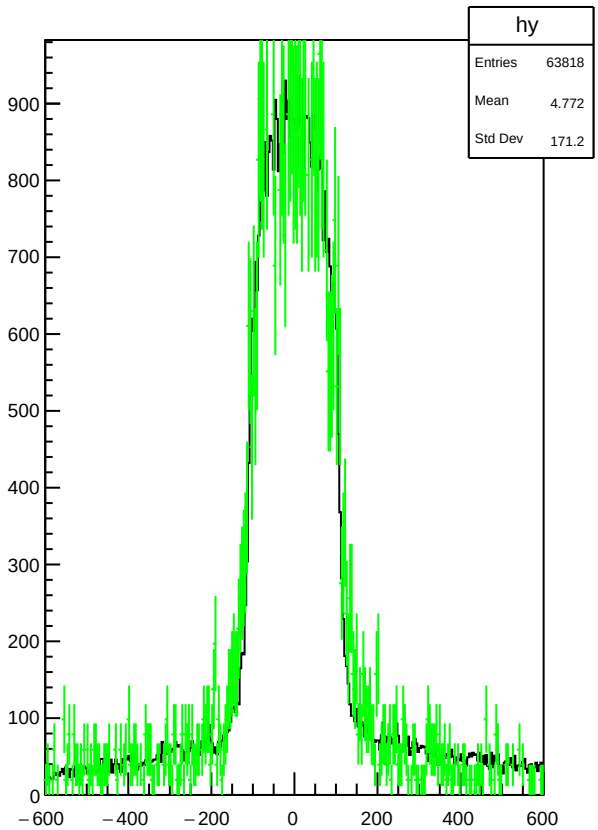

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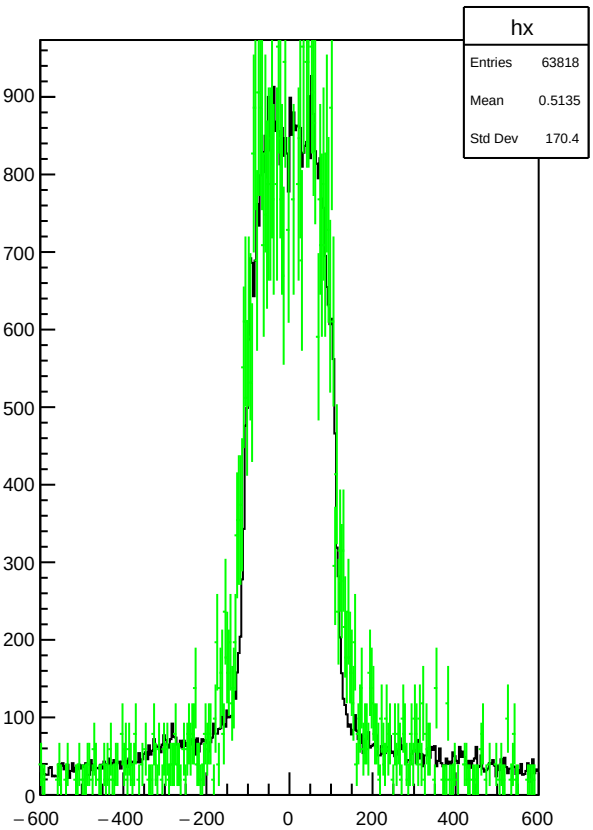
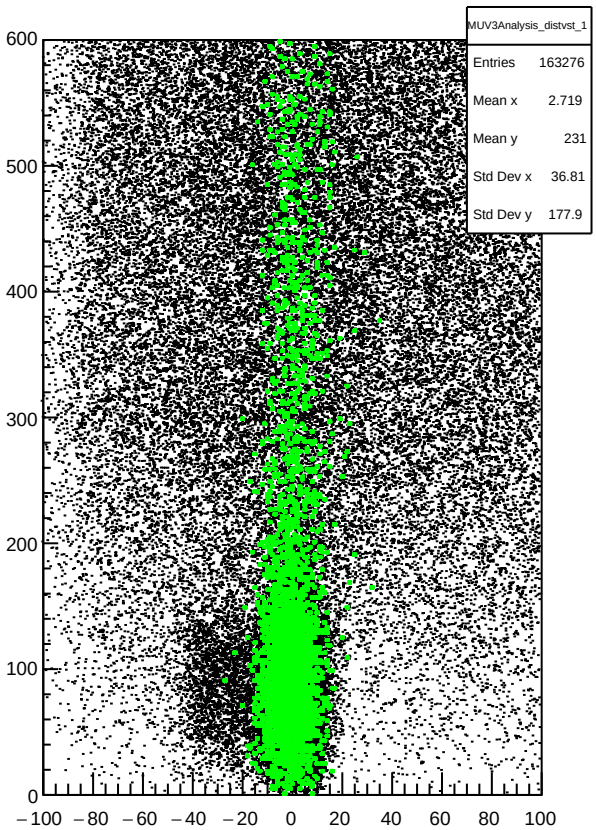


Plot 79 TrackAnalysis/MUV3Analysis_distvst_1 123



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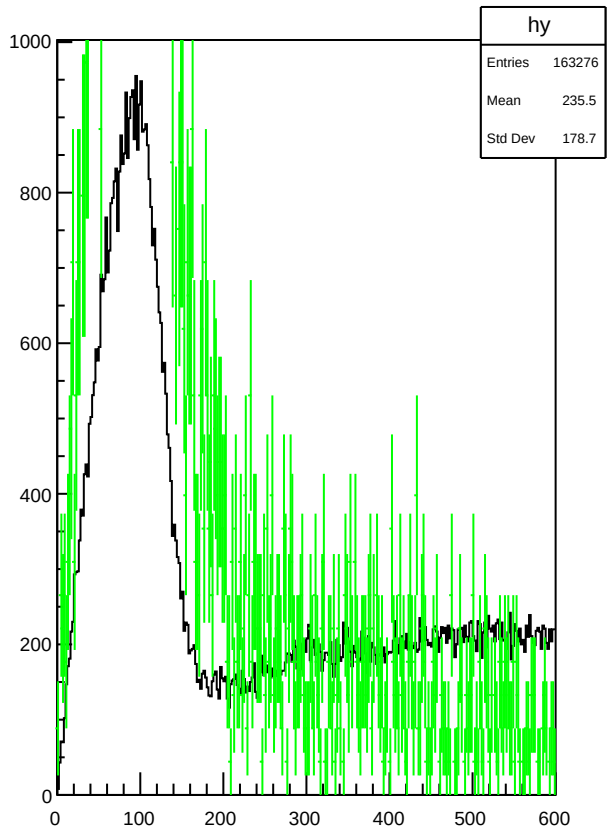

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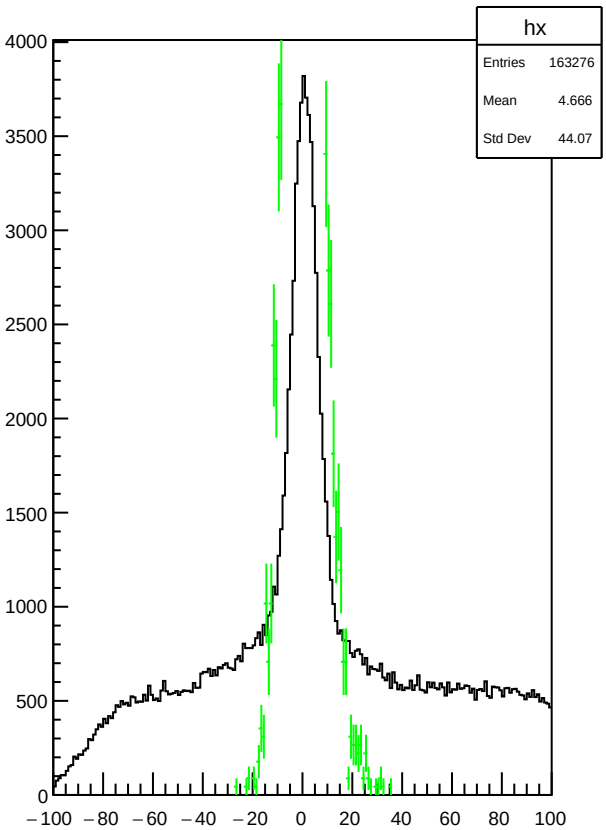

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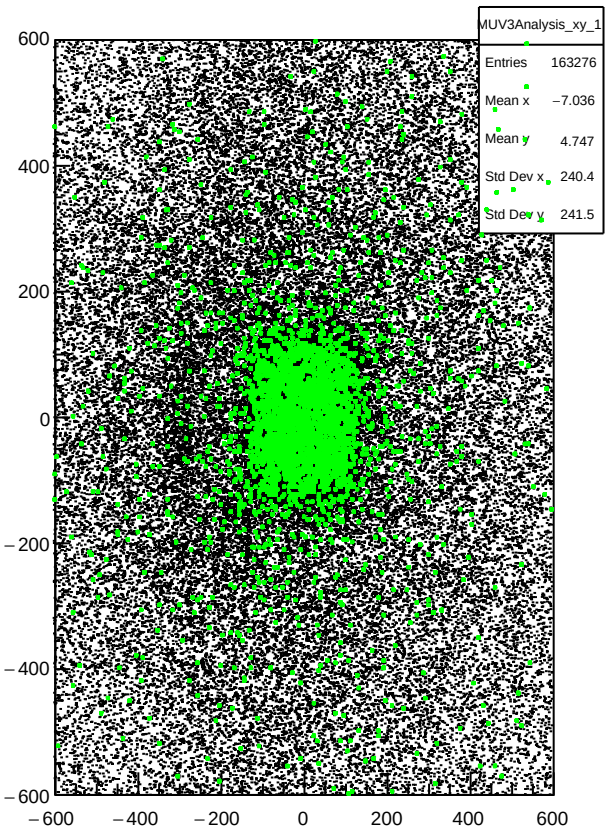
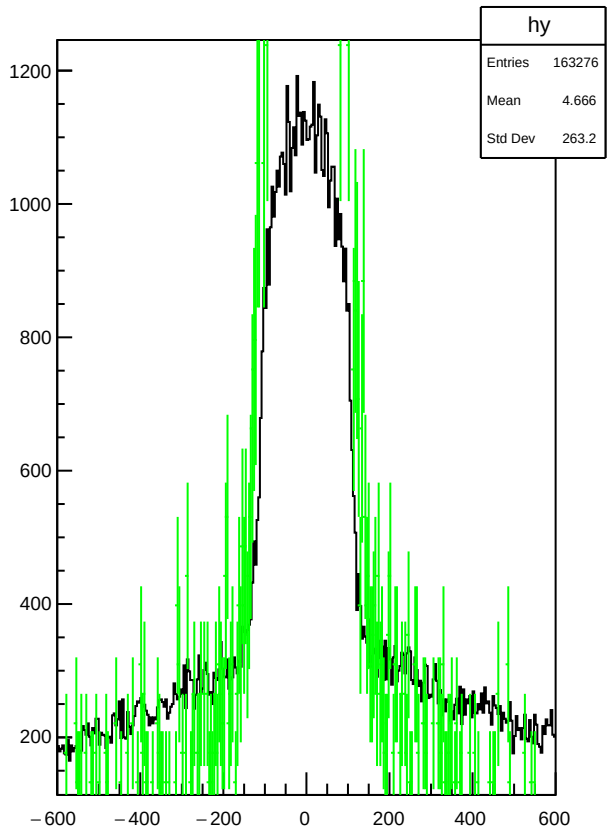
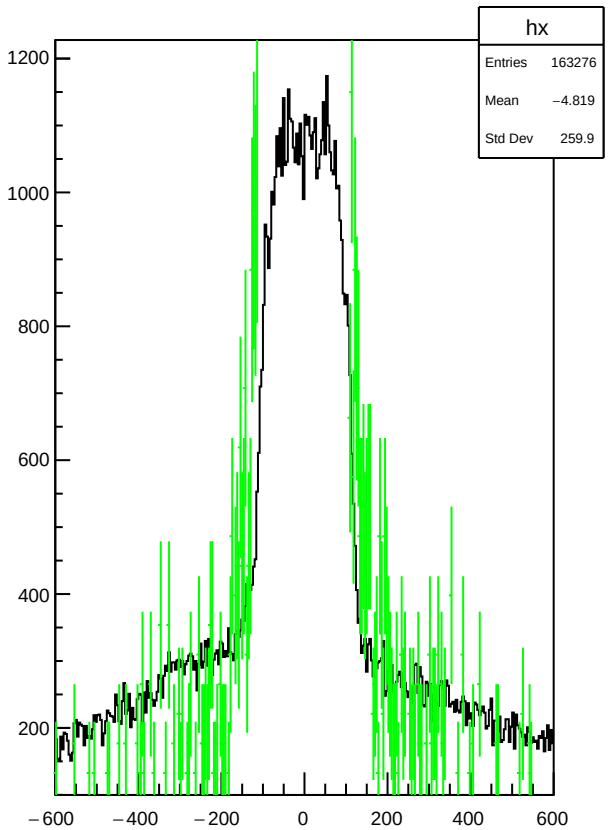


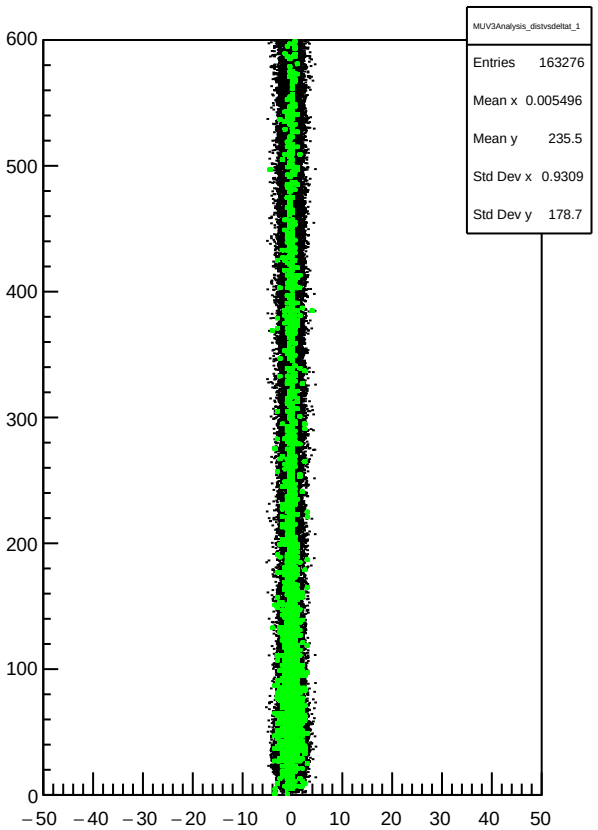
Plot 80 TrackAnalysis/MUV3Analysis_xy_1 124



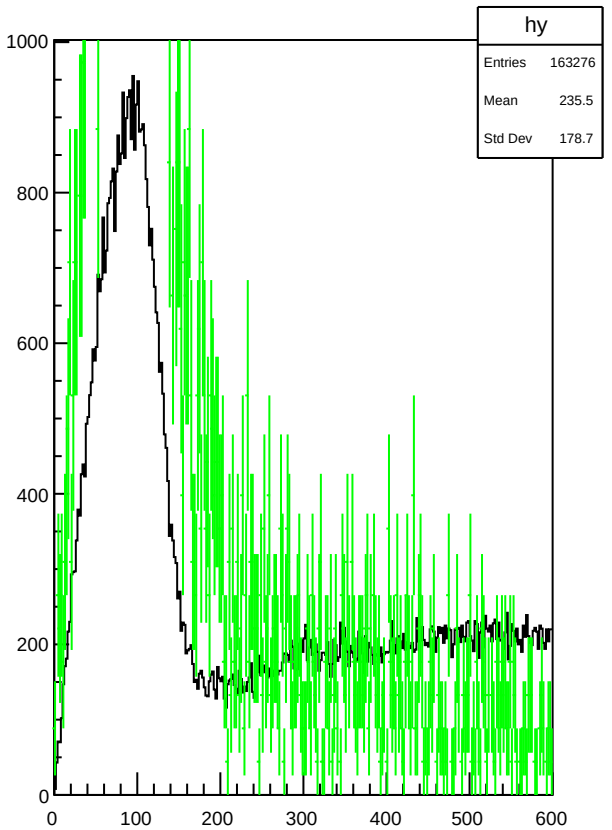
Plot 80 TrackAnalysis/MUV3Analysis_xy_1 124



Plot 81 TrackAnalysis/MUV3Analysis_distvsdeltat_1 125



Plot 81 TrackAnalysis/MUV3Analysis_distvsdeltat_1 125



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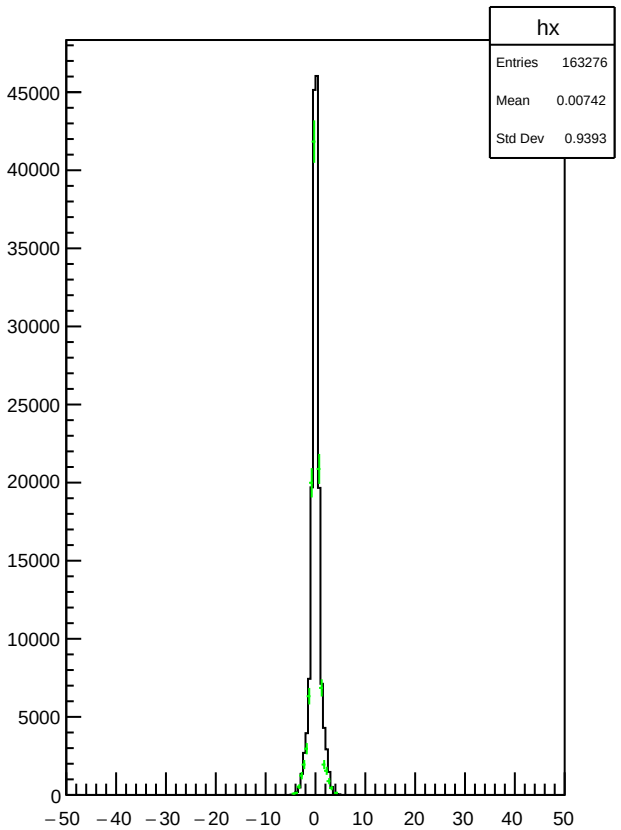
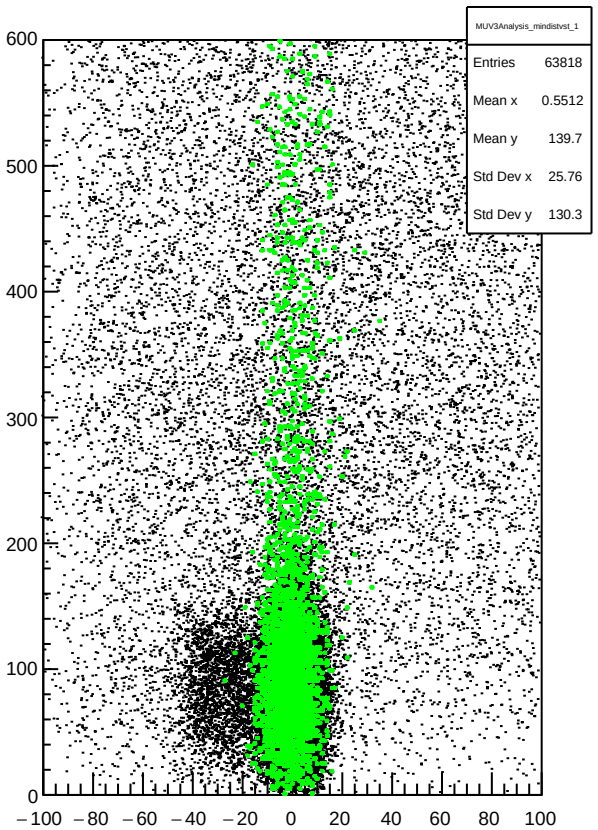
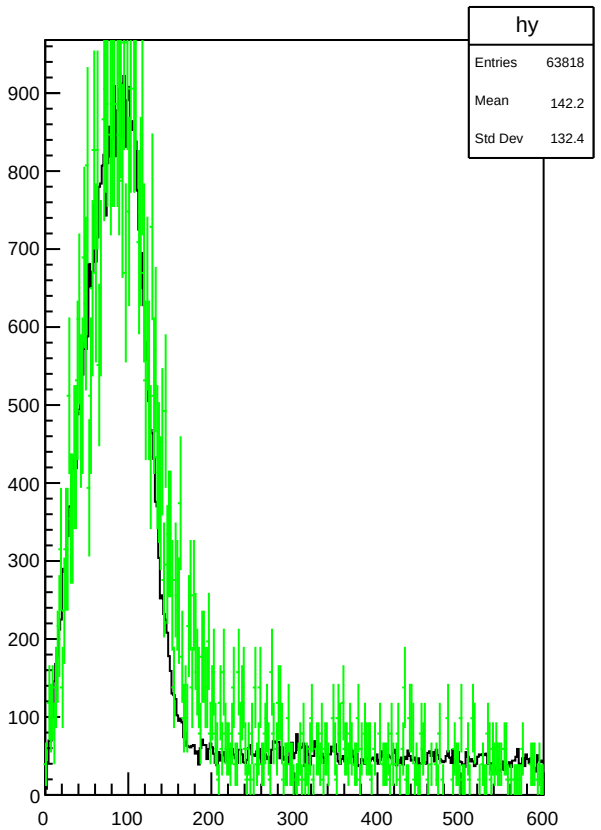


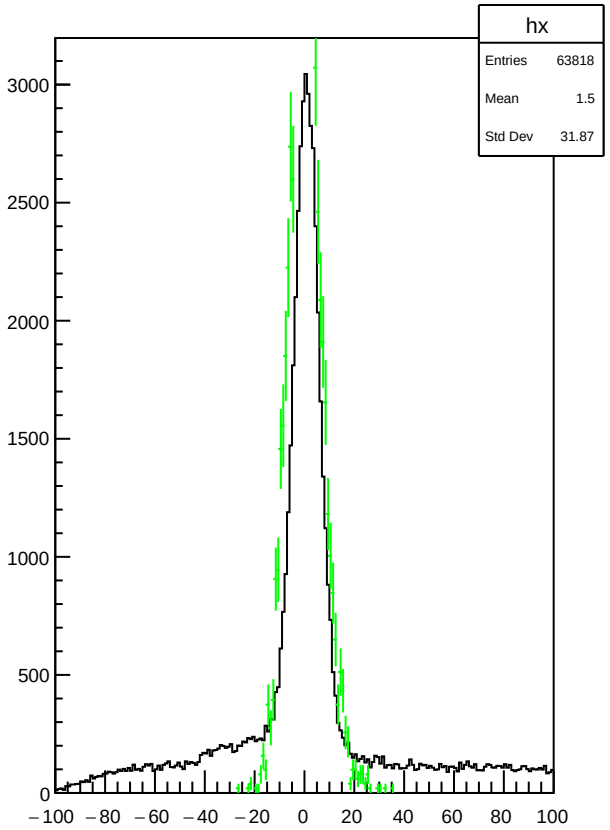
Plot 82 TrackAnalysis/MUV3Analysis_mindistvst_1 126



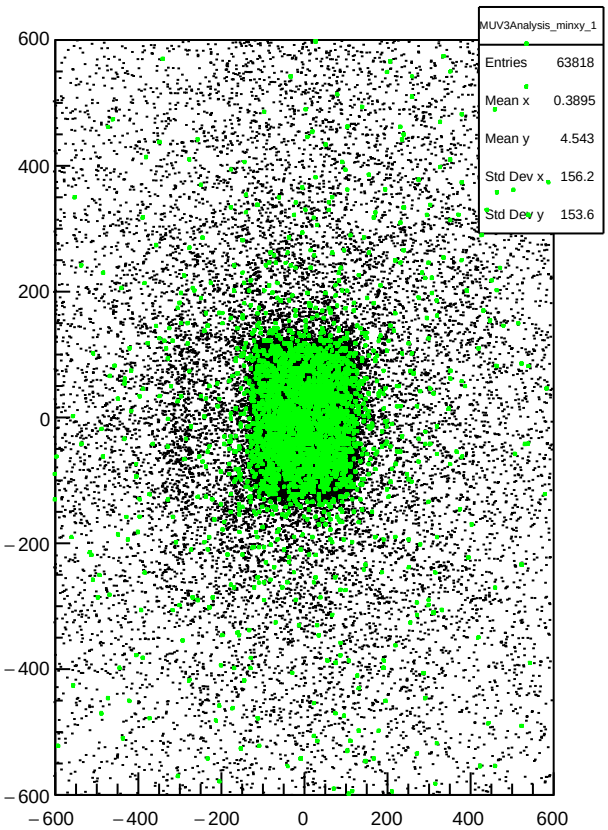
Plot 82 TrackAnalysis/MUV3Analysis_mindistvst_1 126



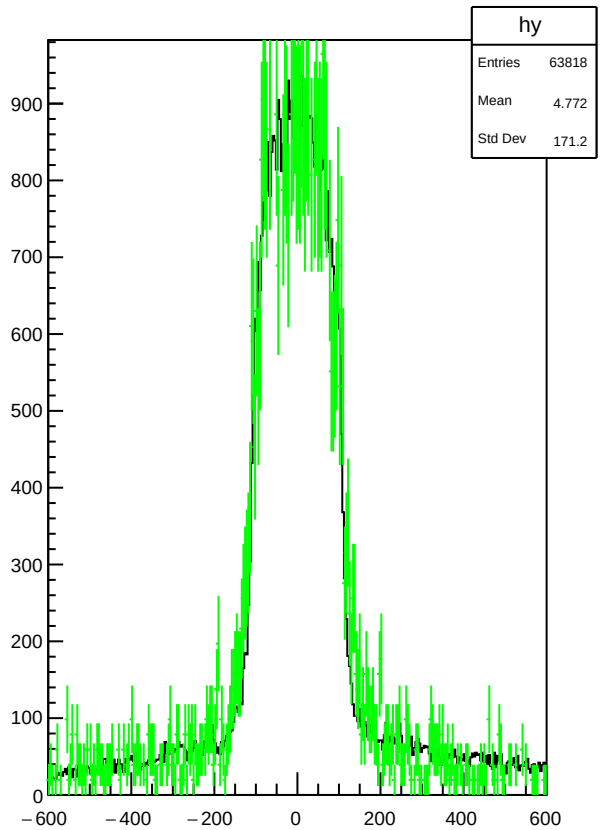
Plot 82 TrackAnalysis/MUV3Analysis_mindistvst_1 126



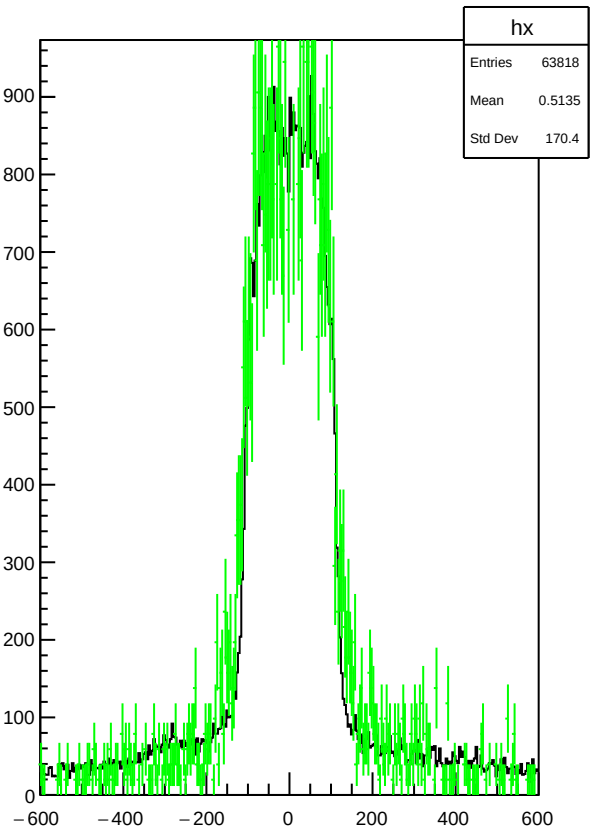
Plot 83 TrackAnalysis/MUV3Analysis_minxy_1 127



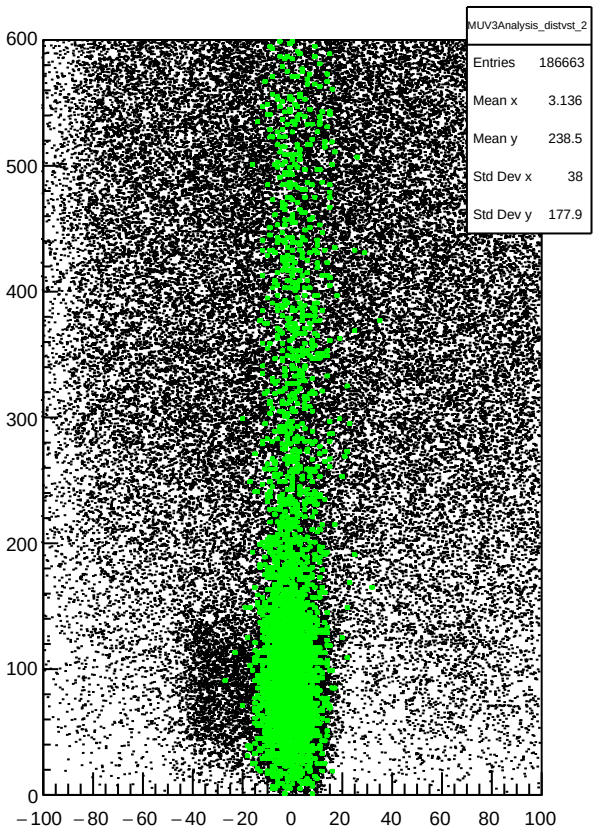
Plot 83 TrackAnalysis/MUV3Analysis_minxy_1 127



Plot 83 TrackAnalysis/MUV3Analysis_minxy_1 127



Plot 84 TrackAnalysis/MUV3Analysis_distvst_2 128



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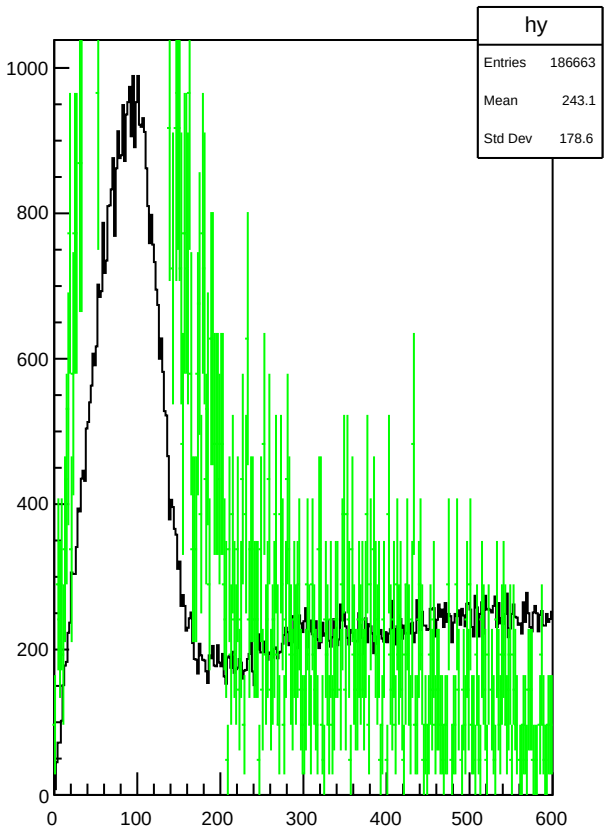

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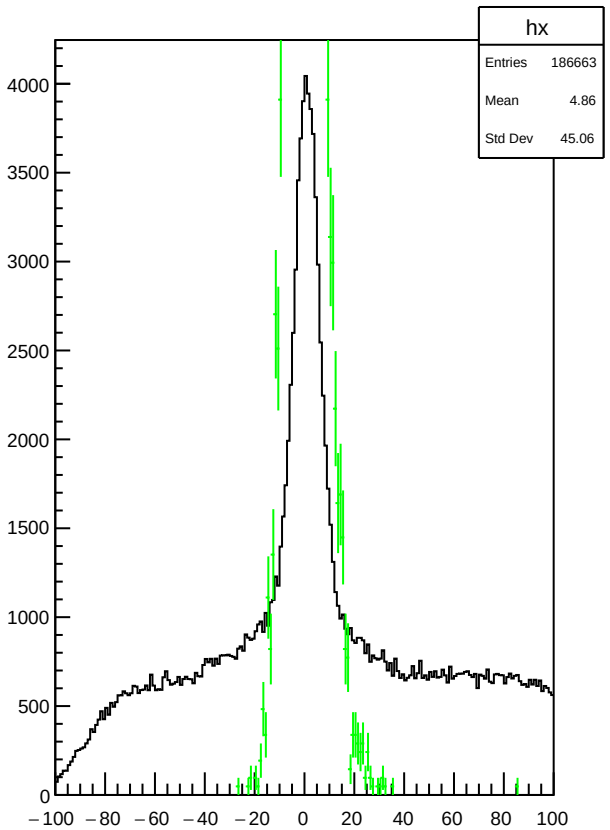
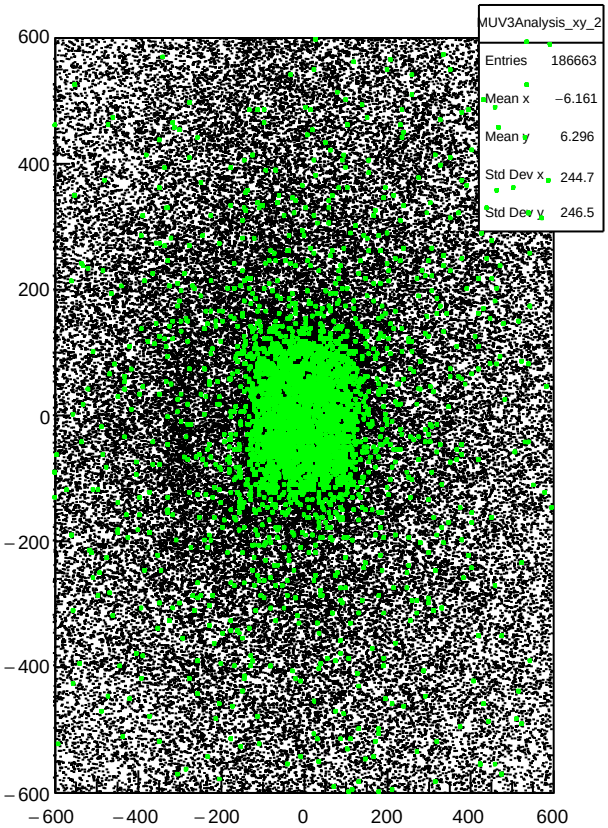
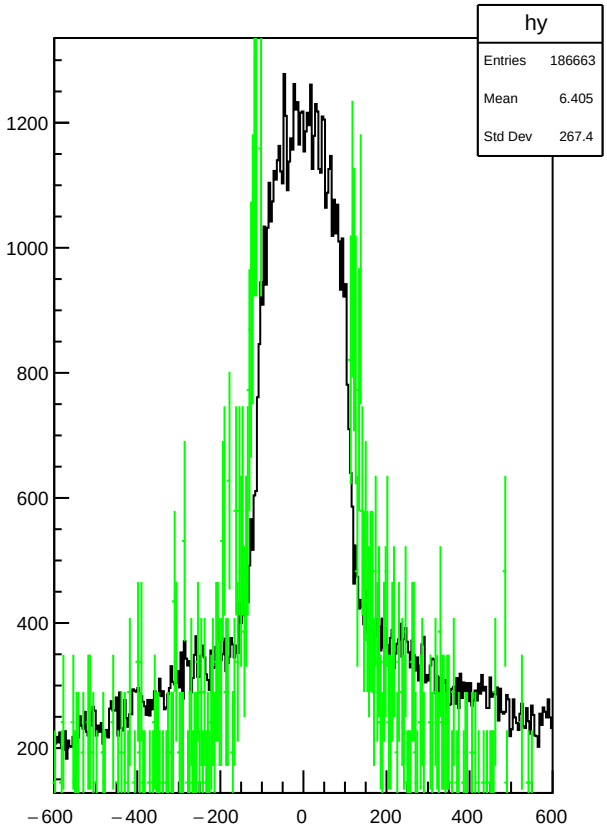


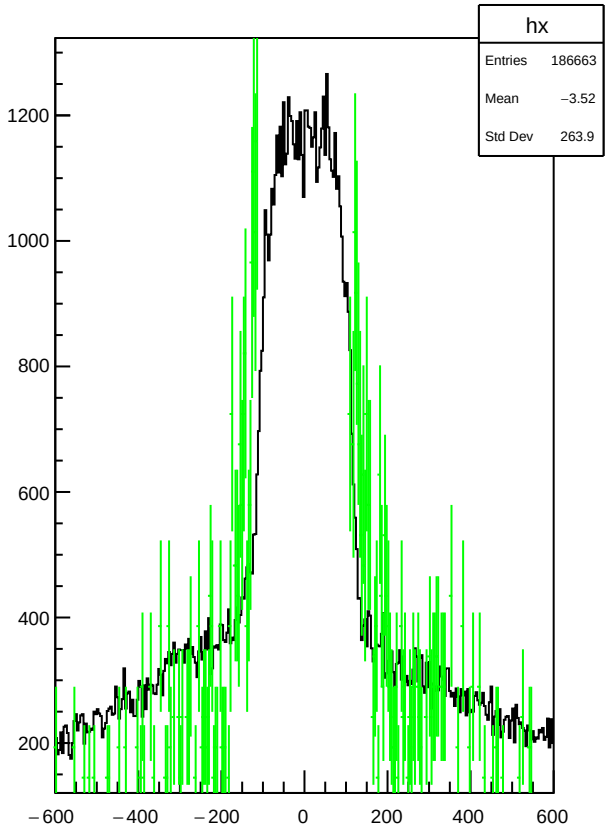
Plot 85 TrackAnalysis/MUV3Analysis_xy_2 129



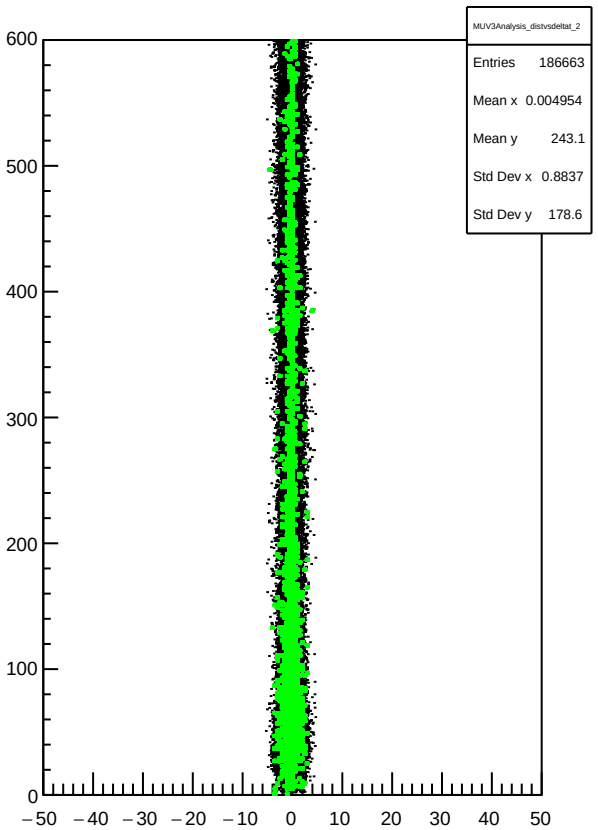
Plot 85 TrackAnalysis/MUV3Analysis_xy_2 129



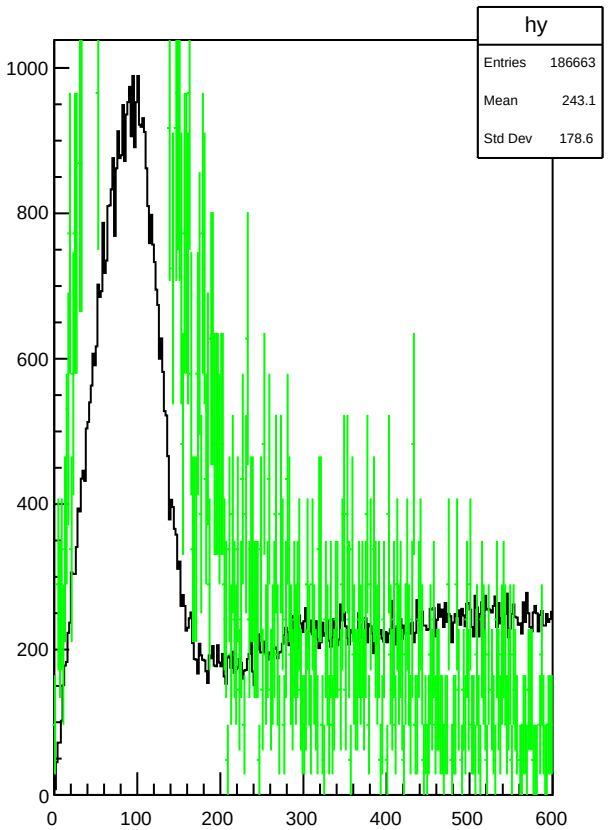
Plot 85 TrackAnalysis/MUV3Analysis_xy_2 129



Plot 86 TrackAnalysis/MUV3Analysis_distvsdeltat_2 130



Plot 86 TrackAnalysis/MUV3Analysis_distvsdeltat_2 130



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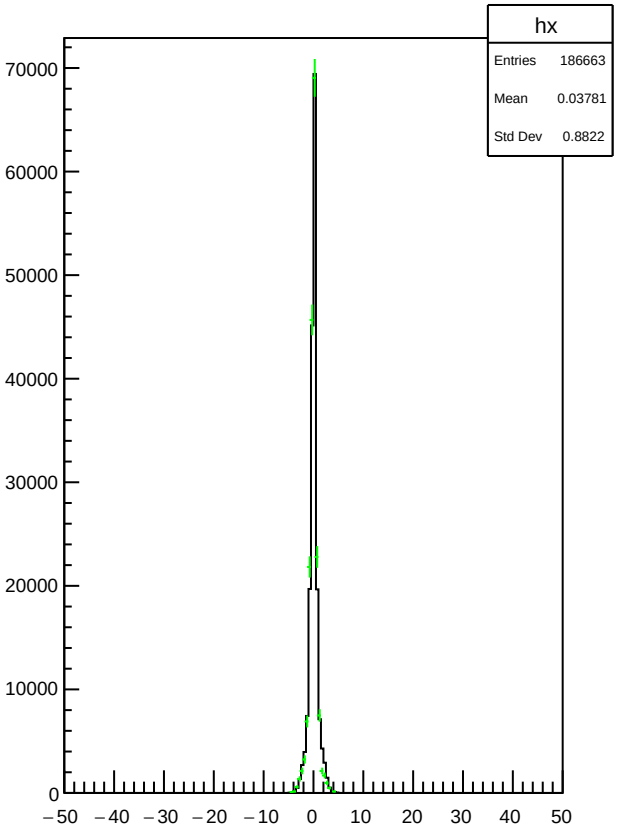
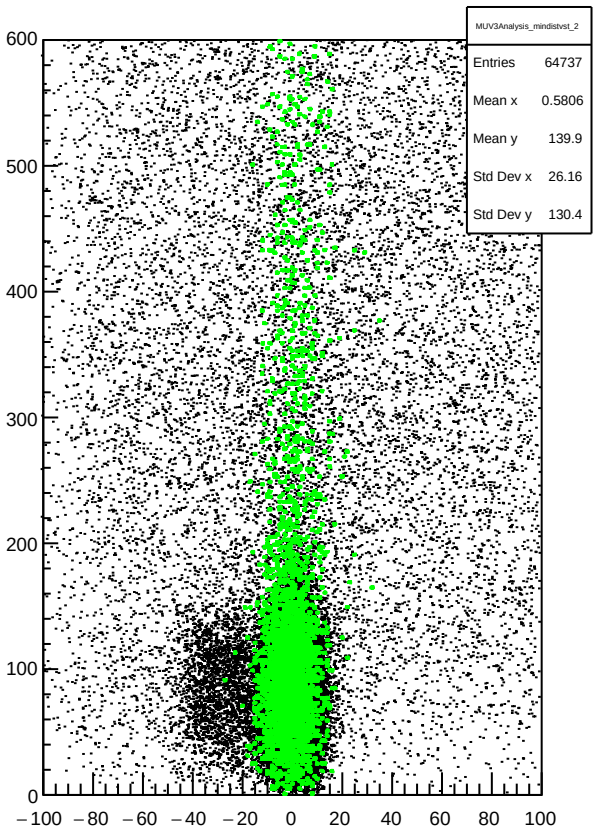
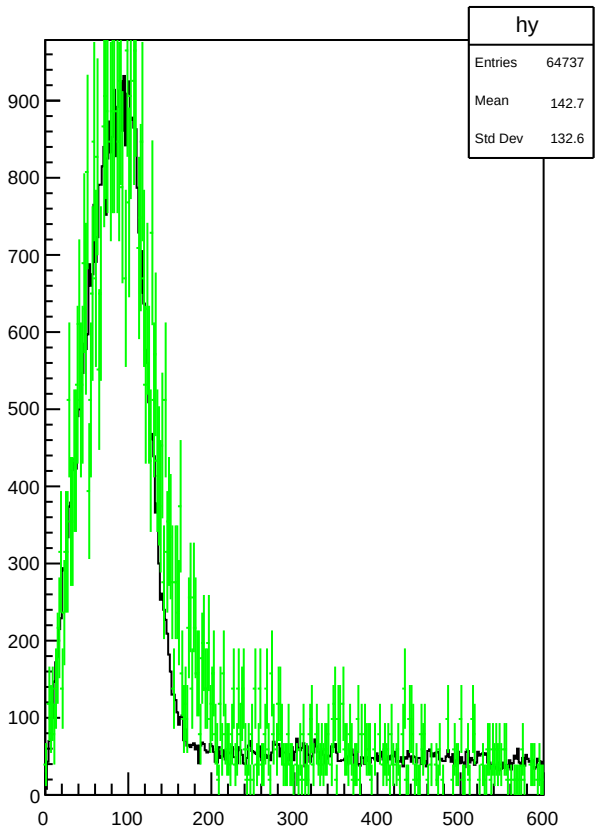


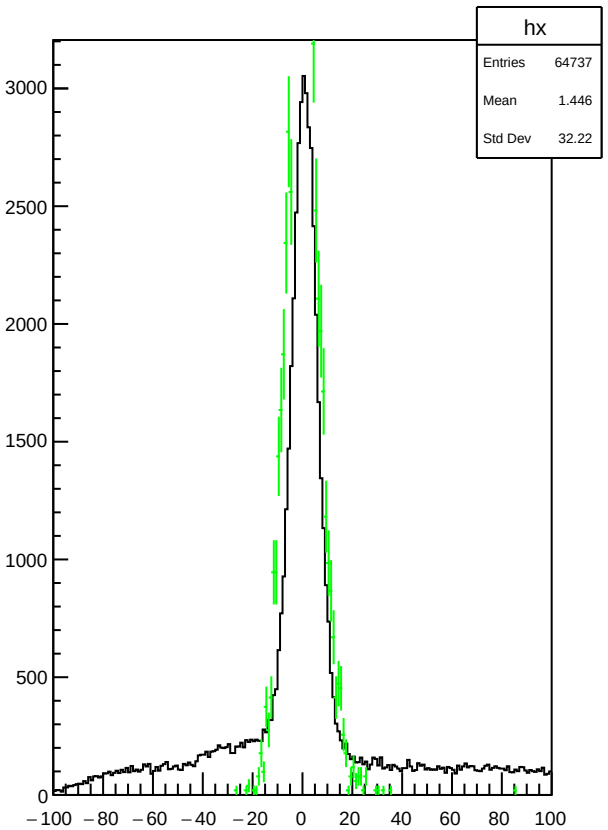
Plot 87 TrackAnalysis/MUV3Analysis_mindistvst_2 131



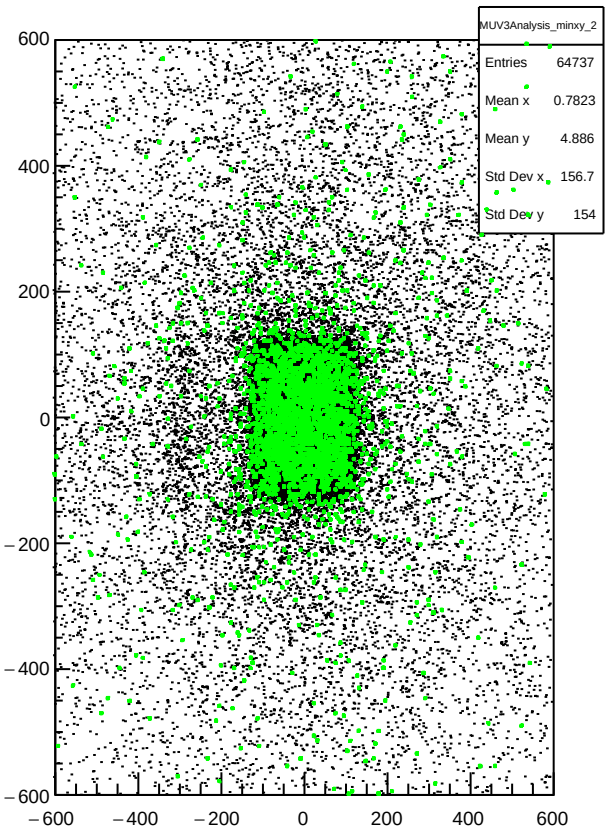
Plot 87 TrackAnalysis/MUV3Analysis_mindistvst_2 131



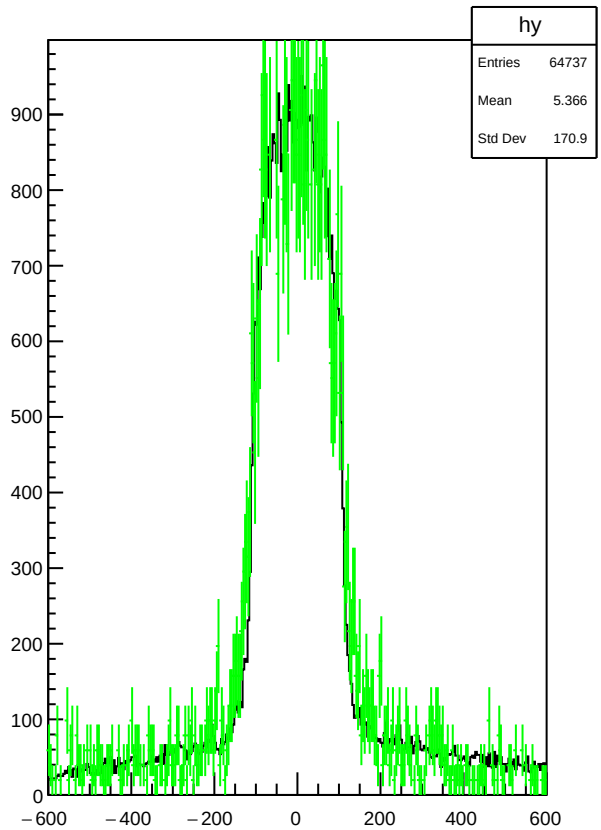
Plot 87 TrackAnalysis/MUV3Analysis_mindistvst_2 131



Plot 88 TrackAnalysis/MUV3Analysis_minxy_2 132



Plot 88 TrackAnalysis/MUV3Analysis_minxy_2 132



Plot 88 TrackAnalysis/MUV3Analysis_minxy_2 132