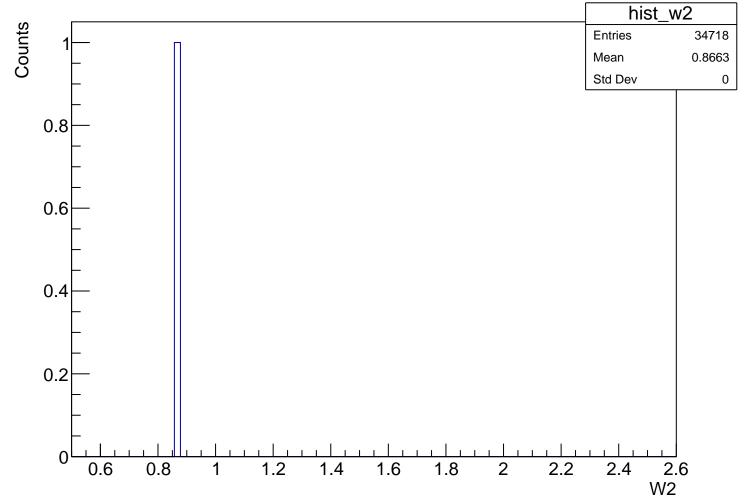
Run 5512: H.kin.W2



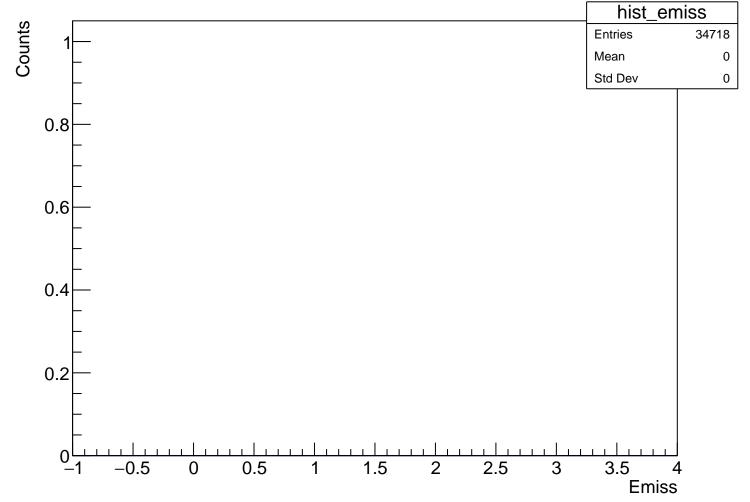
Run 5512: H.kin.x_bj hist_x_bj Counts Entries 34718 1.071 Mean Std Dev 0.06621 8.0 0.6 0.4 0.2 8.6 0.7 8.0 0.9

Run 5512: NPS.kin.secondary.pmiss_x hist_pmiss_x Counts **Entries** 34718 Mean 0 Std Dev 0 8.0 0.6 0.4 0.2 -0.4-0.20.2 0.4 0.6 Pmiss_x

Run 5512: NPS.kin.secondary.pmiss_y hist_pmiss_y Counts **Entries** 34718 Mean 0 Std Dev 0 8.0 0.6 0.4 0.2 -0.4-0.20.2 0.4 0.6 Pmiss_y

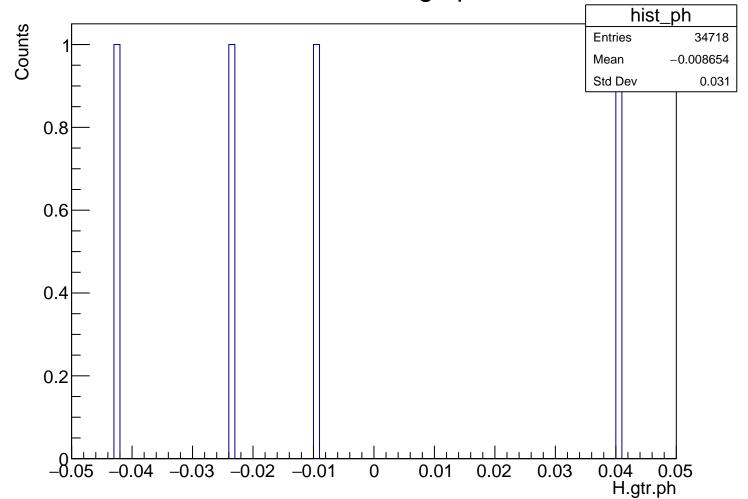
Run 5512: NPS.kin.secondary.pmiss_z hist_pmiss_z Counts **Entries** 34718 Mean 0 Std Dev 0 8.0 0.6 0.4 0.2 -3.5 -2.5 -1.5 -3 Pmiss_z

Run 5512: NPS.kin.secondary.emiss



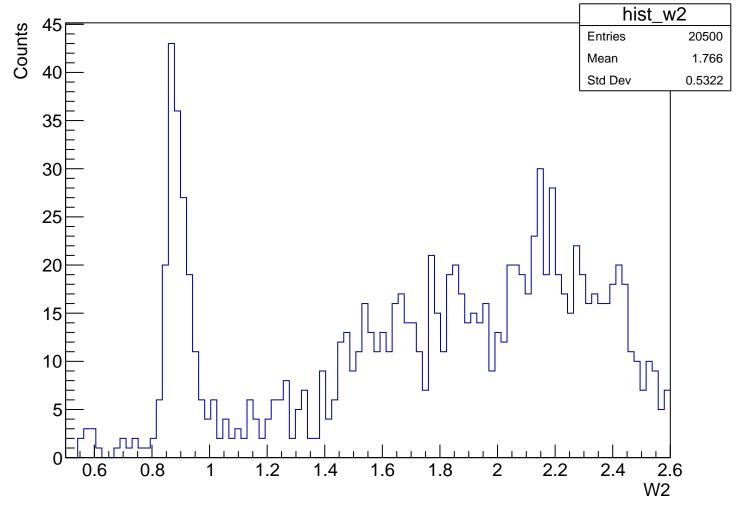
Run 5512: NPS.kin.secondary.emiss_nuc hist_emiss_nuc 35000 **Entries** 34718 Mean -2.353e-185 Std Dev 30000 25000 20000 15000 10000 5000 -0.50.5 Emiss_nuc

Run 5512: H.gtr.ph



Run 5512: H.gtr.th hist_th Counts Entries 0.01423 Mean Std Dev 0 8.0 0.6 0.4 0.2 0.08 0.1 H.gtr.th -0.08 -0.06 -0.04 -0.02 0.02 0.04 0.06 0

Run 5517: H.kin.W2



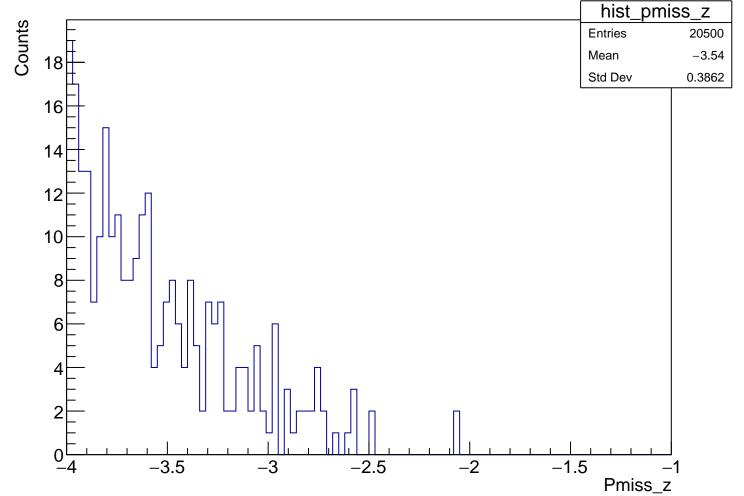
Run 5517: H.kin.x_bj hist_x_bj Counts Entries 20500 Mean 0.8808 70 Std Dev 0.07942 60 50 40 30 20 10 0.7 8.0 0.9 1.2 x_bj

Run 5517: NPS.kin.secondary.pmiss_x hist_pmiss_x Counts **Entries** 20500 -0.0129Mean 350 Std Dev 0.04592 300 250 200 150 100 50 -0.4-0.20.2 0.4 0.6

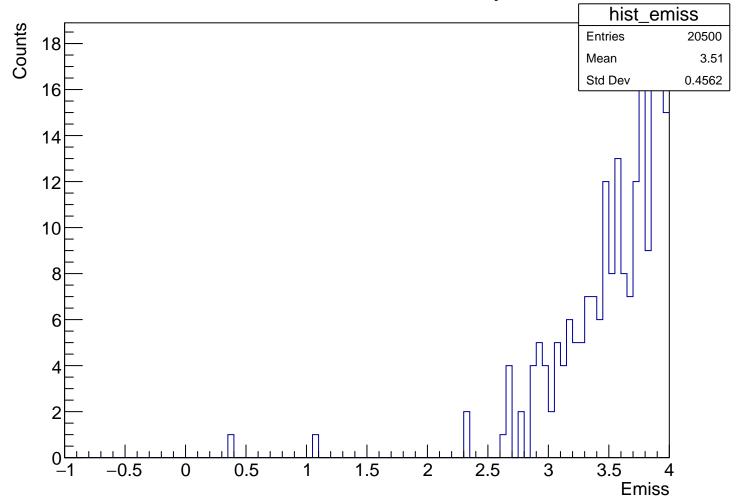
Pmiss_x

Run 5517: NPS.kin.secondary.pmiss_y hist_pmiss_y Counts **Entries** 20500 -0.000553Mean 350 Std Dev 0.04212 300 250 200 150 100 50 -0.4-0.20.2 0.4 0.6 Pmiss_y

Run 5517: NPS.kin.secondary.pmiss_z



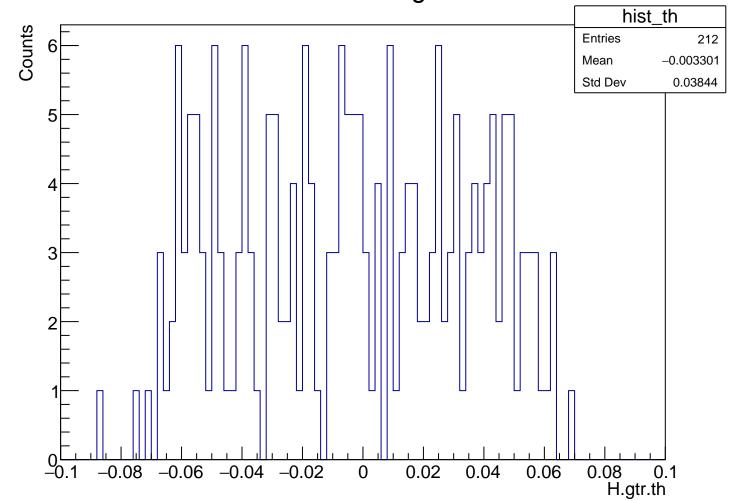
Run 5517: NPS.kin.secondary.emiss



Run 5517: NPS.kin.secondary.emiss_nuc hist_emiss_nuc **Entries** 20500 1400 0.308 Mean Std Dev 0.2512 1200 1000 800 600 400 200 -0.50.5 Emiss_nuc

Run 5517: H.gtr.ph hist_ph Counts Entries 20500 35 Mean 0.0107 Std Dev 0.01559 30 25 20 15 10 5 0.04 0.05 H.gtr.ph -0.03 -0.020.02 -0.04-0.010.01 0.03 0

Run 5517: H.gtr.th



Run 5518: H.kin.W2 hist_w2 45 Counts Entries 20132 Mean 1.752 40 Std Dev 0.5229 35 30 25 20 15 10 5 2.6 W2 8.0 1.2 2.2 2.4 0.6 1.4 1.6 1.8 2

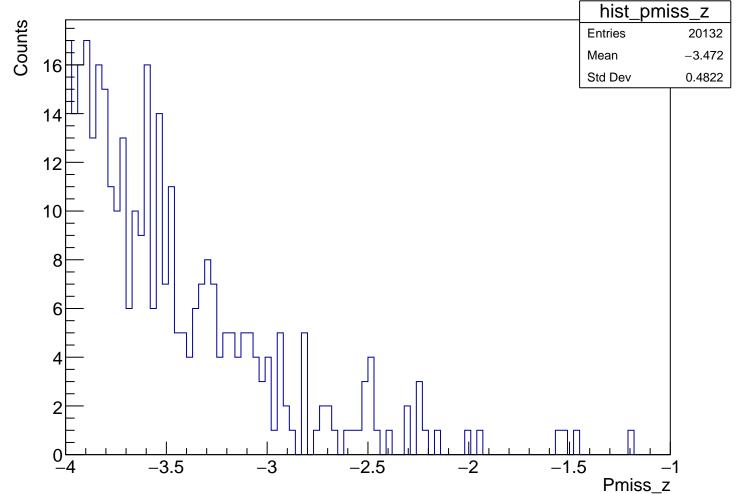
Run 5518: H.kin.x_bj hist_x_bj Counts Entries 20132 Mean 0.8836 70 Std Dev 0.07923 60 50 40 30 20 10 0.7 8.0 0.9 1.2 x_bj

Run 5518: NPS.kin.secondary.pmiss_x hist_pmiss_x Counts 400F **Entries** 20132 -0.01164Mean 350 Std Dev 0.04515 300 250 200 150 100 50 -0.4-0.20.2 0.4 0.6

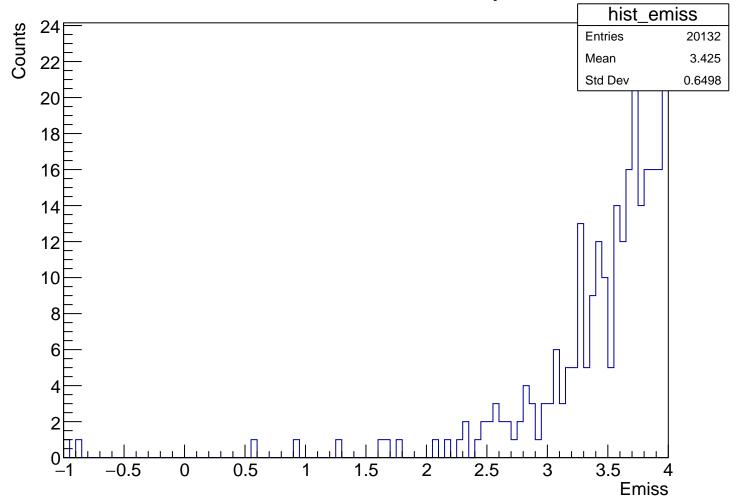
Pmiss_x

Run 5518: NPS.kin.secondary.pmiss_y hist_pmiss_y Counts **Entries** 20132 400 -0.001824Mean Std Dev 0.05042 350 300 250 200 150 100 50 -0.4-0.20.2 0.4 0.6 Pmiss_y

Run 5518: NPS.kin.secondary.pmiss_z



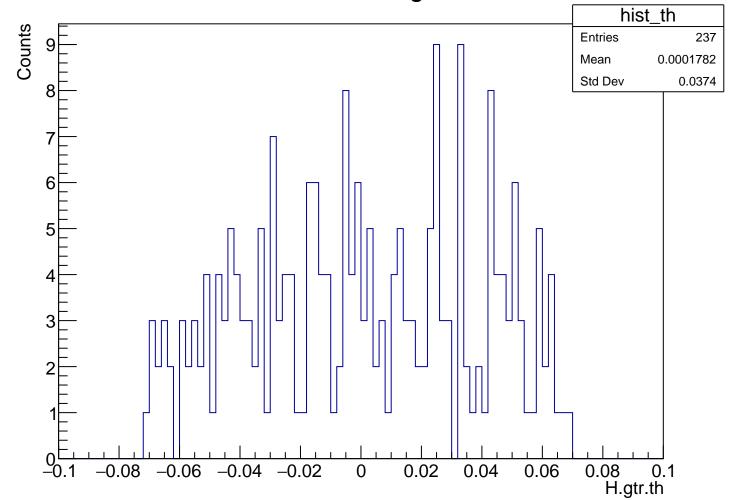
Run 5518: NPS.kin.secondary.emiss



Run 5518: NPS.kin.secondary.emiss_nuc hist_emiss_nuc **Entries** 20132 0.2867 Mean 1000 Std Dev 0.2463 800 600 400 200 -0.50.5 Emiss_nuc

Run 5518: H.gtr.ph hist_ph 45 Counts Entries 20132 Mean 0.00941 40 Std Dev 0.016 35 30 25 20 15 10 5 -0.03 0.04 0.05 H.gtr.ph -0.04-0.020.02 0.03 -0.010.01 0

Run 5518: H.gtr.th



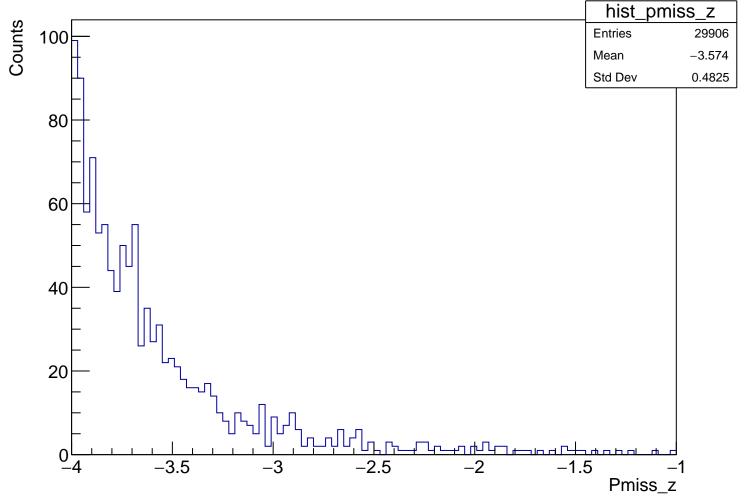
Run 5519: H.kin.W2 hist_w2 Counts Entries 29906 Mean 1.701 70 Std Dev 0.5174 60 50 40 30 20 10 2.6 W2 1.2 2.2 2.4 8.0 1.6 1.8 2 0.6 1.4

Run 5519: H.kin.x_bj hist_x_bj Counts Entries 29906 Mean 0.8996 140 Std Dev 0.09117 120 100 80 60 40 20 8.6 8.0 1.2 x_bj 0.9 1.1 0.7

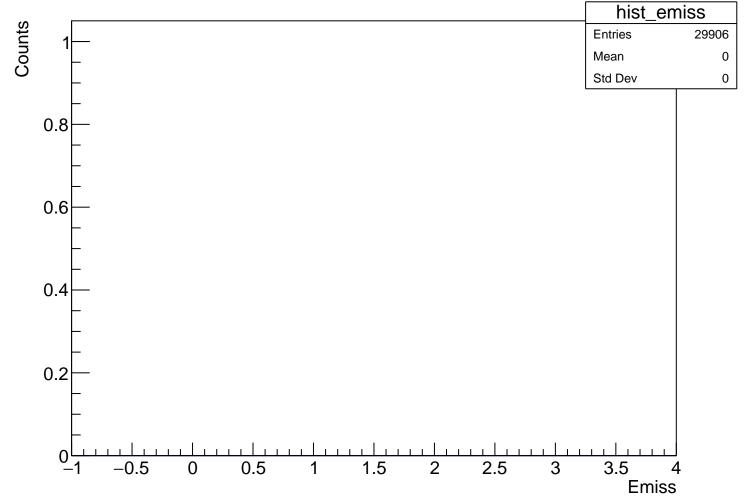
Run 5519: NPS.kin.secondary.pmiss_x hist_pmiss_x Counts **Entries** 29906 900 -0.01041 Mean Std Dev 0.05012 800 700 600 500 400 300 200 100 -0.4-0.20.2 0.4 0.6 Pmiss_x

Run 5519: NPS.kin.secondary.pmiss_y hist_pmiss_y Counts **Entries** 29906 800 -0.001744Mean Std Dev 0.05312 700 600 500 400 300 200 100 -0.2-0.40.2 0.4 0.6 Pmiss_y

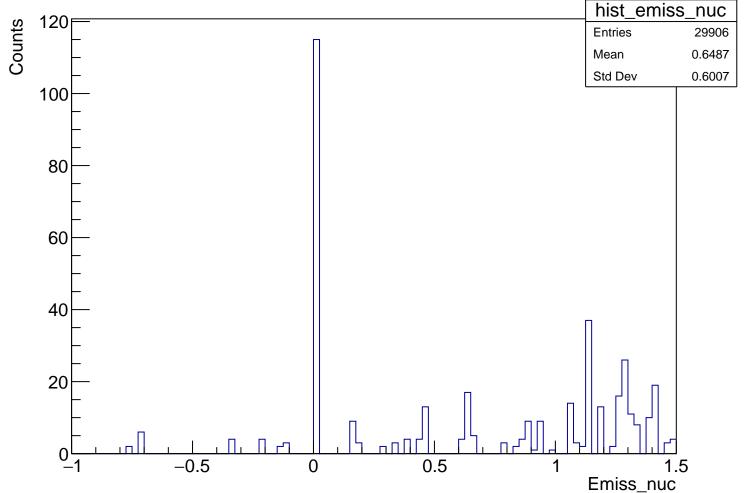
Run 5519: NPS.kin.secondary.pmiss_z



Run 5519: NPS.kin.secondary.emiss



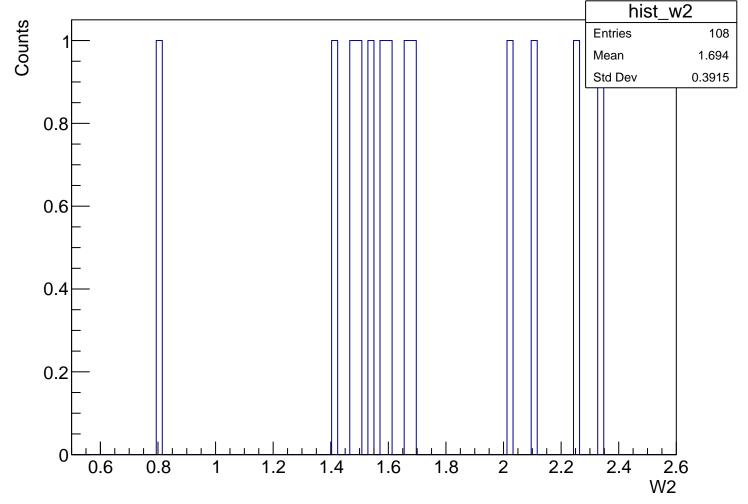
Run 5519: NPS.kin.secondary.emiss_nuc



Run 5519: H.gtr.ph hist_ph Counts Entries 29906 Mean 0.007497 100 Std Dev 0.01776 80 60 40 20 0.04 0.05 H.gtr.ph -0.03-0.020.02 0.03 -0.010.01 0

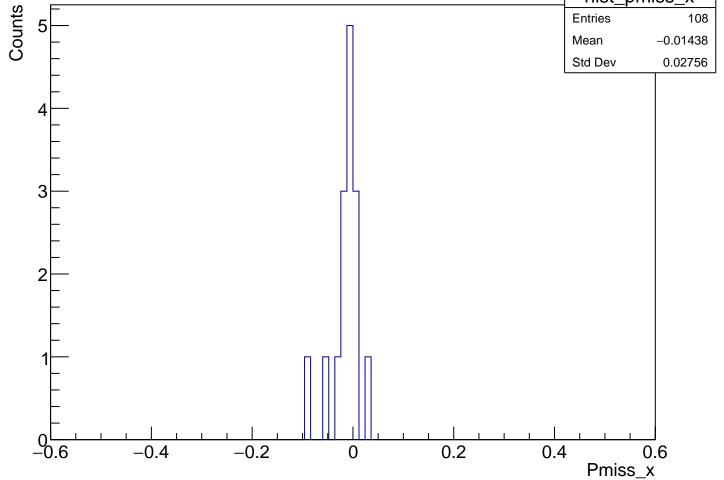
Run 5519: H.gtr.th hist_th Counts Entries 613 18 0.0004193 Mean Std Dev 0.03862 16 14 12 10 8 6 4 2 0.08 0.1 H.gtr.th -0.08 -0.06 -0.04 -0.020.02 0.04 0.06 0

Run 5520: H.kin.W2



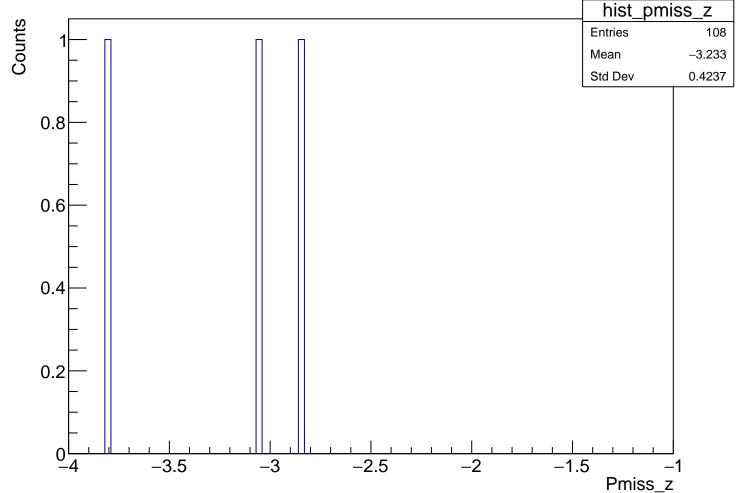
Run 5520: H.kin.x_bj hist_x_bj Counts Entries 108 0.9059 Mean Std Dev 0.07481 1.8 1.6 1.4 1.2 8.0 0.6 0.4 0.2 0.7 8.0 0.9 1.2 x_bj

Run 5520: NPS.kin.secondary.pmiss_x hist_pmiss_x **Entries** 108 Mean -0.01438Std Dev 0.02756

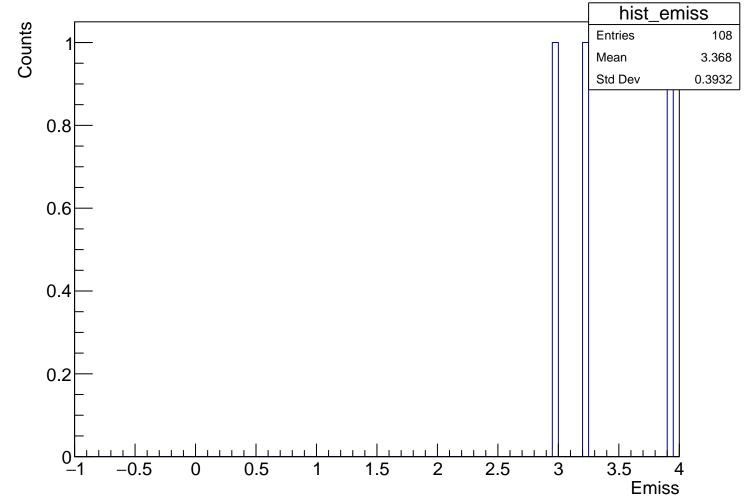


Run 5520: NPS.kin.secondary.pmiss_y hist_pmiss_y Counts **Entries** 108 Mean -0.01451Std Dev 0.02943 2.5 2 1.5 0.5 -0.4-0.20.2 0.4 0.6 Pmiss_y

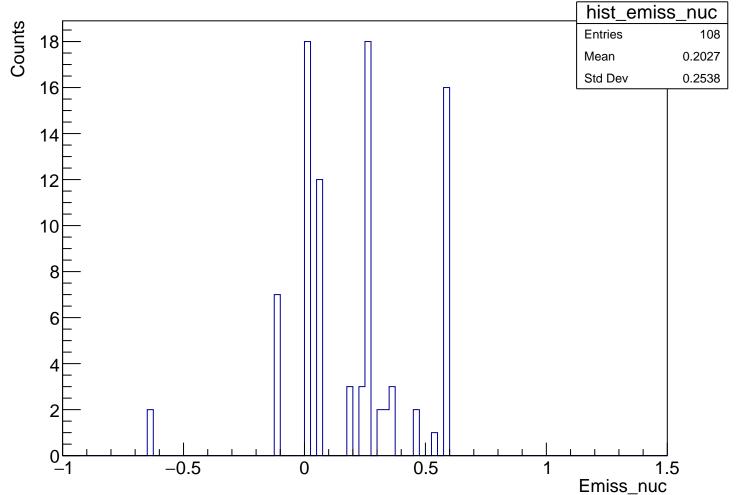
Run 5520: NPS.kin.secondary.pmiss_z



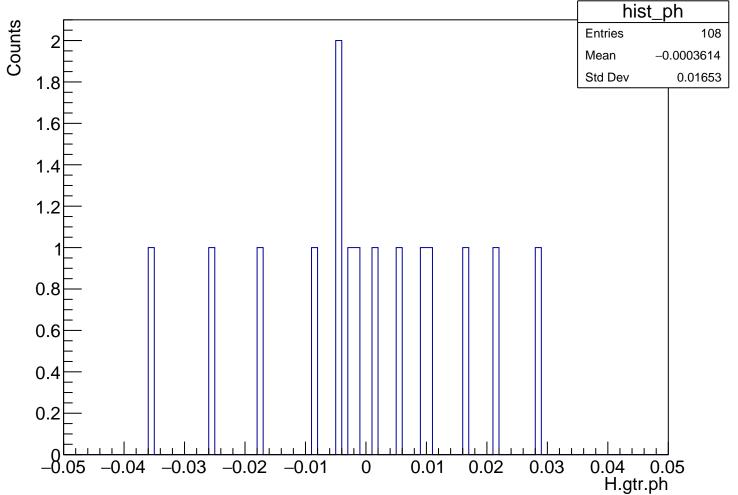
Run 5520: NPS.kin.secondary.emiss



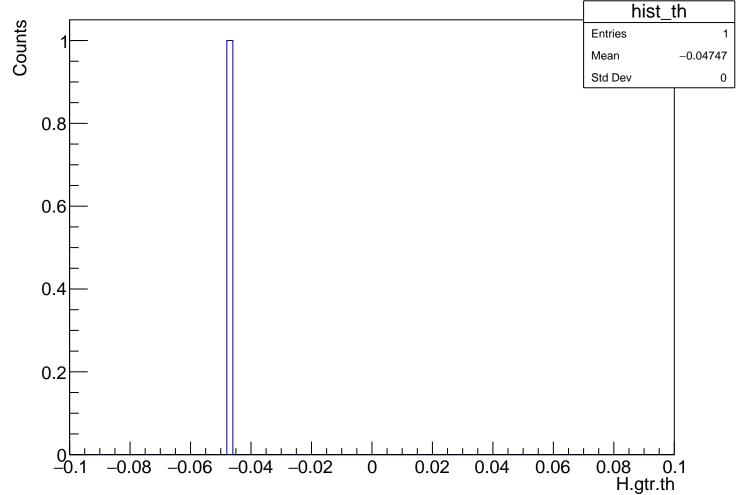
Run 5520: NPS.kin.secondary.emiss_nuc



Run 5520: H.gtr.ph



Run 5520: H.gtr.th



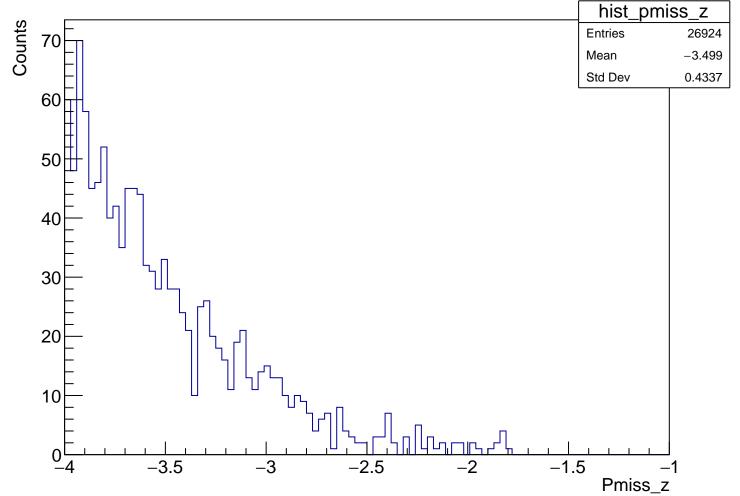
Run 5521: H.kin.W2 hist_w2 Counts 120 Entries 26924 Mean 1.778 Std Dev 0.5268 100 80 60 40 20 2.6 W2 8.0 1.2 2.2 1.6 2.4 1.4 1.8 2 0.6

Run 5521: H.kin.x_bj hist_x_bj 250 Counts Entries 26924 Mean 0.8817 Std Dev 0.08084 200 150 100 50 8.0 0.7 0.9

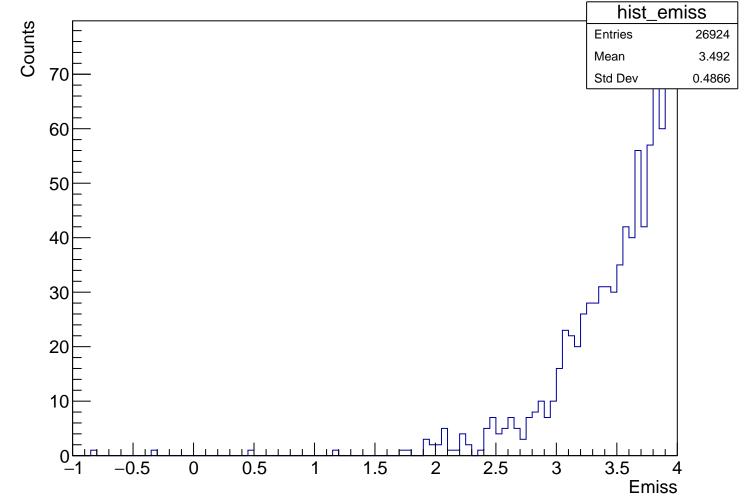
Run 5521: NPS.kin.secondary.pmiss_x hist_pmiss_x **Entries** 26924 -0.0127Mean Std Dev 0.04773 1000 800 600 400 200 _0.6 -0.4-0.20.2 0.4 0.6 Pmiss_x

Run 5521: NPS.kin.secondary.pmiss_y hist_pmiss_y **Entries** 26924 Mean -0.00039121000 Std Dev 0.05019 800 600 400 200 -0.2-0.40.2 0.4 0.6 Pmiss_y

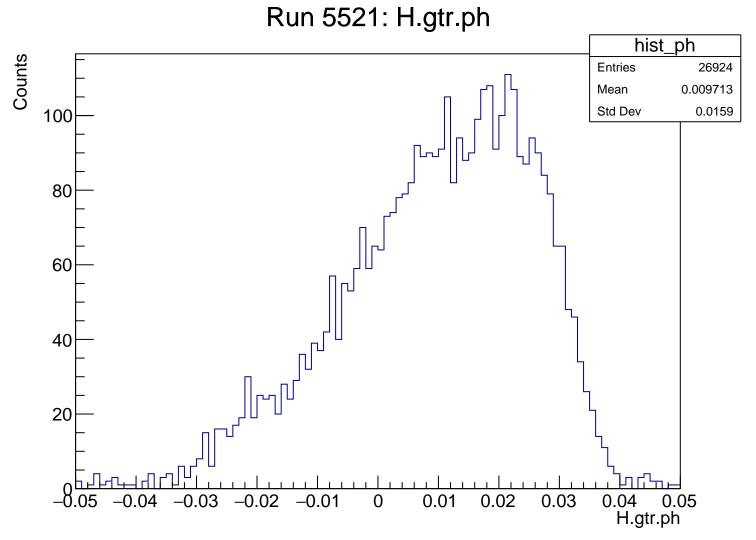
Run 5521: NPS.kin.secondary.pmiss_z



Run 5521: NPS.kin.secondary.emiss



Run 5521: NPS.kin.secondary.emiss_nuc hist_emiss_nuc **Entries** 26924 2500 0.2493 Mean Std Dev 0.2557 2000 1500 1000 500 0^L -0.50.5 Emiss_nuc



Run 5521: H.gtr.th hist_th Counts Entries 709 -0.001344 Mean 16 Std Dev 0.03791 14 12 10 8 6 4 2 0.08 0.1 H.gtr.th -0.08 -0.06 -0.04 -0.020.02 0.04 0.06 0

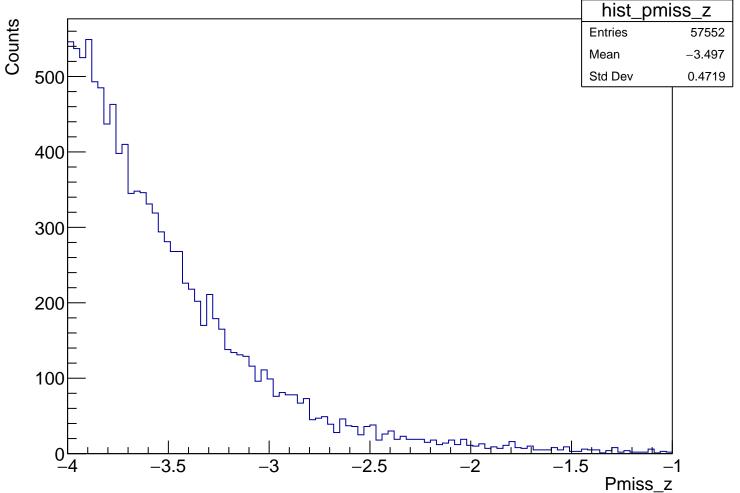
Run 5522: H.kin.W2 hist_w2 **Entries** 57552 1.763 Mean Std Dev 0.5031 300 250 200 2.6 1.2 2.2 2.4 0.6 8.0 1.6 1.8 2 1.4 W2

Run 5522: H.kin.x_bj hist_x_bj Counts Entries 57552 Mean 0.8874 600 Std Dev 0.08193 500 400 300 200 100 0.7 8.0 0.9

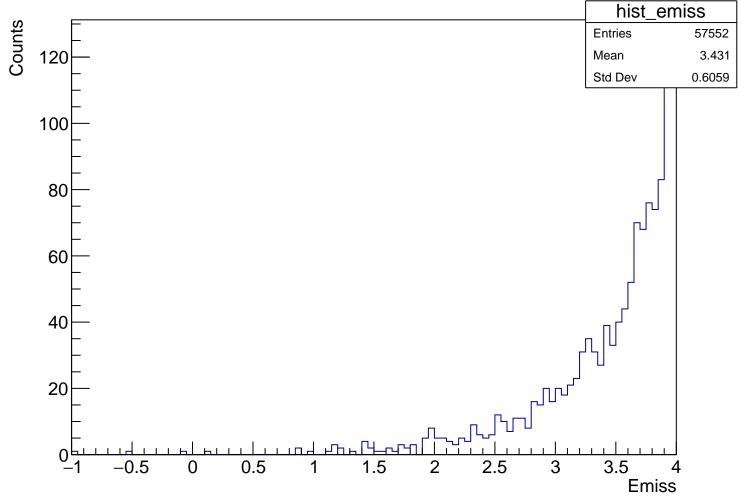
Run 5522: NPS.kin.secondary.pmiss_x hist_pmiss_x **Entries** 57552 2500 Mean -0.02078Std Dev 0.06476 2000 1500 1000 500 -0.4-0.20.2 0.4 0.6 Pmiss_x

Run 5522: NPS.kin.secondary.pmiss_y hist_pmiss_y **Entries** 57552 2200 -0.004163Mean Std Dev 0.07419 2000 1800 1600 1400 1200 1000 800 600 400 200 -0.2-0.40.2 0.4 0.6 Pmiss_y

Run 5522: NPS.kin.secondary.pmiss_z



Run 5522: NPS.kin.secondary.emiss



Run 5522: NPS.kin.secondary.emiss_nuc hist_emiss_nuc **Entries** 57552 16000 Mean 1.141 Std Dev 0.2282 14000 12000 10000 8000 6000 4000 2000 -0.50.5 Emiss_nuc

Run 5522: H.gtr.ph hist_ph Counts Entries 57552 500 Mean 0.008557 Std Dev 0.0155 400 300 200 100 0.04 0.05 H.gtr.ph -0.03-0.020.02 0.03 -0.010.01 -0.040

Run 5522: H.gtr.th hist_th Counts Entries 2398 50 0.0005781 Mean Std Dev 0.03754 40 30 20 10 -0.08 -0.06 0.08 0.1 H.gtr.th -0.04 -0.020.02 0.04 0.06 0