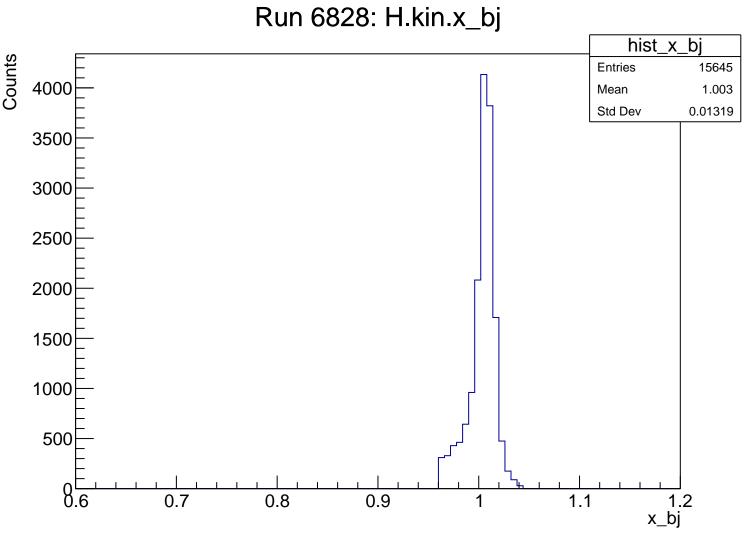
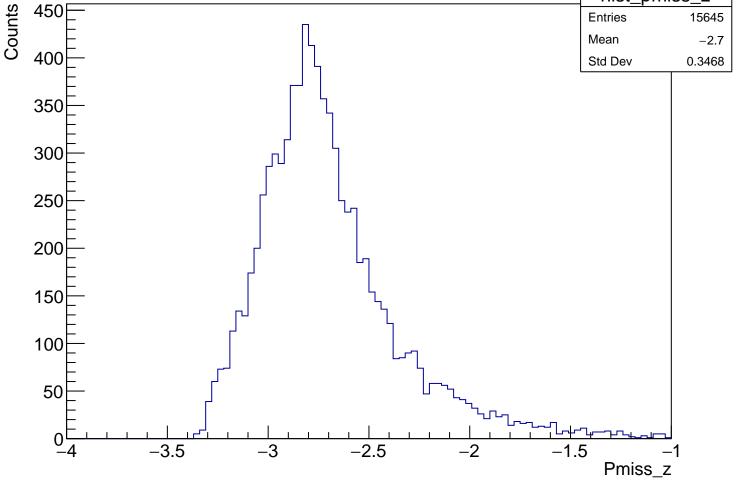
Run 6828: H.kin.W2 hist_w2 Counts 1400 Entries 15645 Mean 0.8653 Std Dev 0.05991 1200 1000 800 600 400 200 8.6 0.9 1.3 0.7 8.0 1.2 1.4 W2



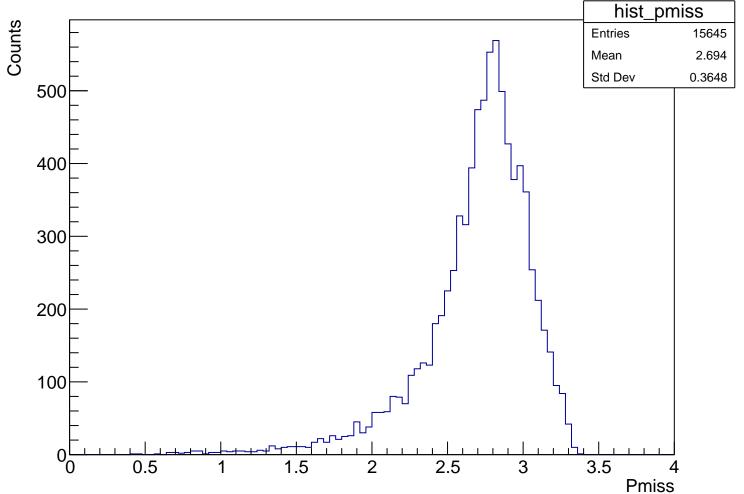
Run 6828: NPS.kin.secondary.pmiss_x hist_pmiss_x Counts **Entries** 15645 900 Mean 0.08658 Std Dev 0.06852 800 700 600 500 400 300 200 100 -0.20.2 -0.40.6 0.4 Pmiss_x

Run 6828: NPS.kin.secondary.pmiss_y hist_pmiss_y 15645 **Entries** -0.0011791400 Mean Std Dev 0.04599 1200 1000 800 600 400 200 0.2 -0.4-0.20.4 0.6 Pmiss_y

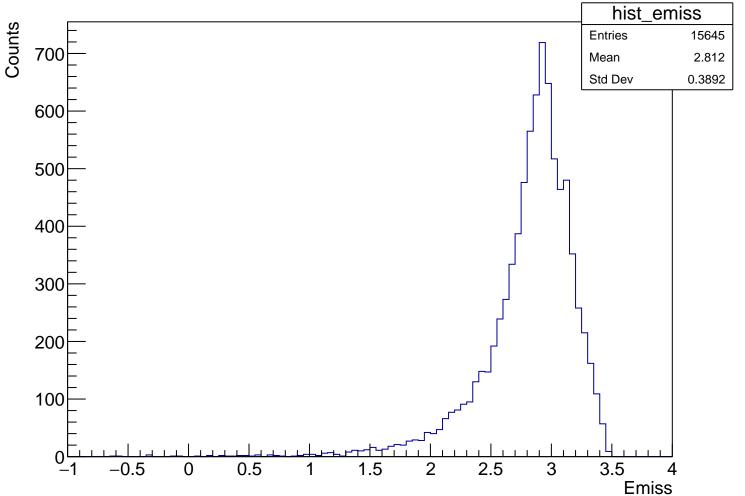
Run 6828: NPS.kin.secondary.pmiss_z hist_pmiss_z **Entries** 15645 Mean -2.7Std Dev 0.3468



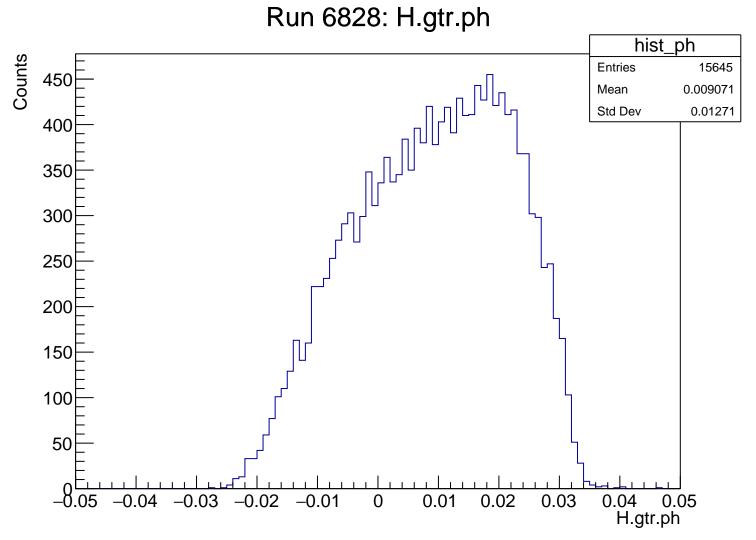
Run 6828: NPS.kin.secondary.pmiss



Run 6828: NPS.kin.secondary.emiss

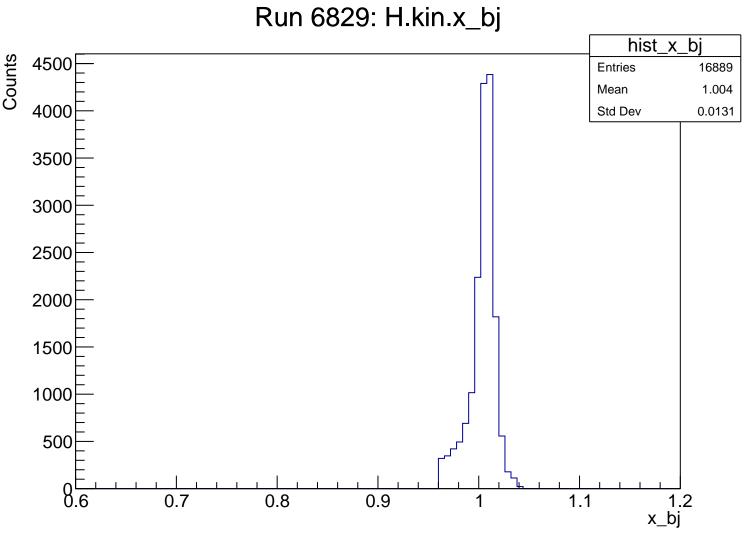


Run 6828: NPS.kin.secondary.emiss_nuc hist_emiss_nuc **Entries** 15645 Mean -0.0086731600 Std Dev 0.2082 1400 1200 1000 800 600 400 200 -0.5 0.5 Emiss_nuc



Run 6828: H.gtr.th hist_th Counts Entries 15645 300 -0.002516Mean Std Dev 0.03666 250 200 150 100 50 0.08 0.1 H.gtr.th -0.08 -0.06-0.04 -0.020.02 0.04 0.06 0

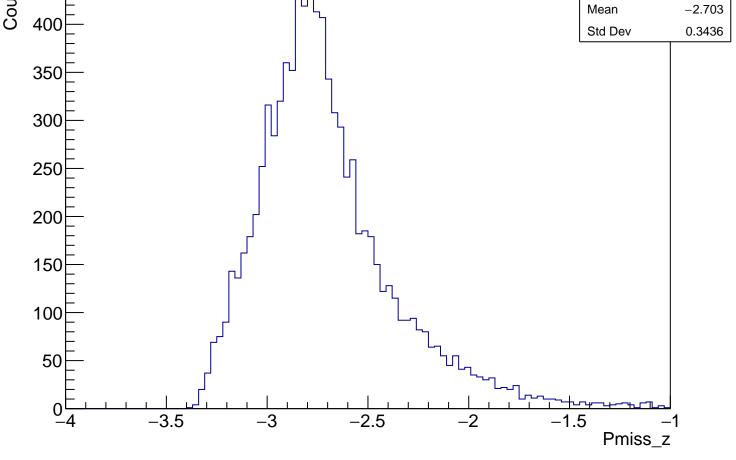
Run 6829: H.kin.W2 hist_w2 Counts Entries 16889 Mean 0.8641 1400 Std Dev 0.05958 1200 1000 800 600 400 200 8.6 0.7 8.0 0.9 1.2 1.3 1.4 W2



Run 6829: NPS.kin.secondary.pmiss_x hist_pmiss_x **Entries** 16889 1000 0.08619 Mean Std Dev 0.06648 800 600 400 200 _0.6 -0.20.2 -0.40.6 0.4 Pmiss_x

Run 6829: NPS.kin.secondary.pmiss_y hist_pmiss_y 1600 **Entries** 16889 Mean -0.0002844Std Dev 0.04487 1400 1200 1000 800 600 400 200 -0.4-0.20.2 0.4 0.6 Pmiss_y

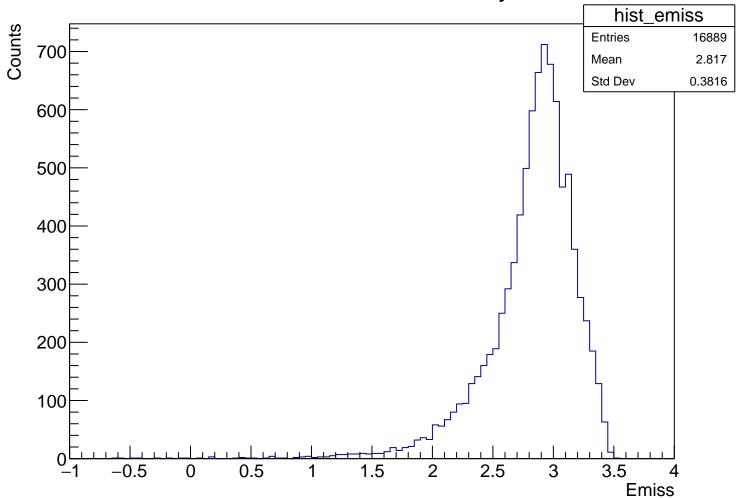
Run 6829: NPS.kin.secondary.pmiss_z hist_pmiss_z 450f Counts **Entries** 16889 Mean -2.703400 Std Dev 0.3436 350 300 250 200 150 100



Run 6829: NPS.kin.secondary.pmiss hist_pmiss Counts 600 **Entries** 16889 2.698 Mean Std Dev 0.3584 500 400 300 200 100 2.5 3.5 0.5 1.5 3

Pmiss

Run 6829: NPS.kin.secondary.emiss

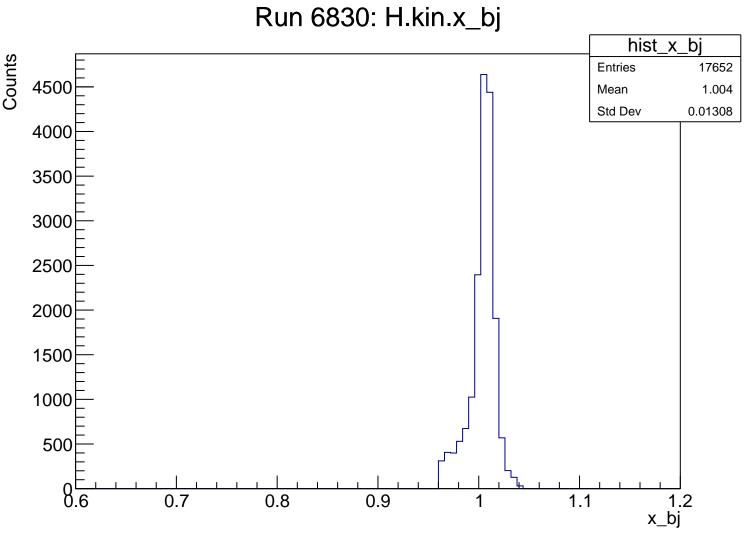


Run 6829: NPS.kin.secondary.emiss_nuc hist_emiss_nuc **Entries** 16889 1800 Mean -0.009229Std Dev 0.2081 1600 1400 1200 1000 800 600 400 200 -0.50.5 Emiss_nuc

Run 6829: H.gtr.ph hist_ph Counts 500 Entries 16889 0.008977 Mean Std Dev 0.01281 400 300 200 100 0.04 0.05 H.gtr.ph -0.04-0.03-0.020.02 0.03 -0.010.01 0

Run 6829: H.gtr.th hist_th Entries 16889 -0.003002Mean 300 Std Dev 0.03663 250 200 150 100 50 0.08 0.1 H.gtr.th -0.08 -0.06-0.04 -0.020.02 0.04 0.06 0

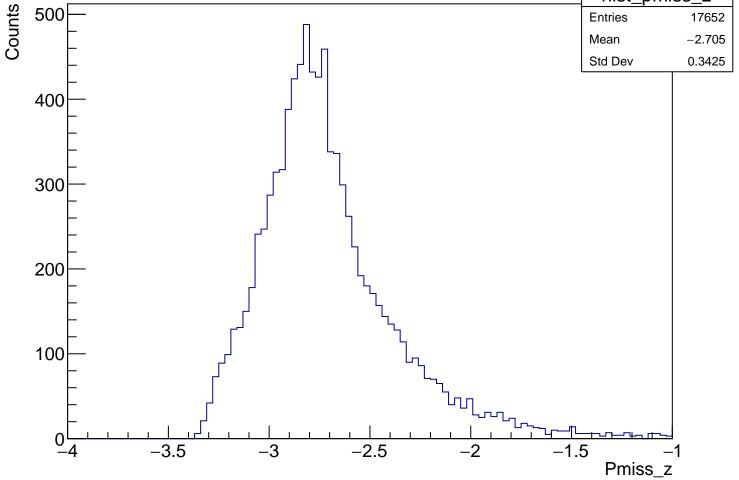
Run 6830: H.kin.W2 hist_w2 Counts Entries 17652 1600 Mean 0.8638 Std Dev 0.05945 1400 1200 1000 800 600 400 200 8.6 1.4 W2 8.0 0.9 1.3 0.7 1.2



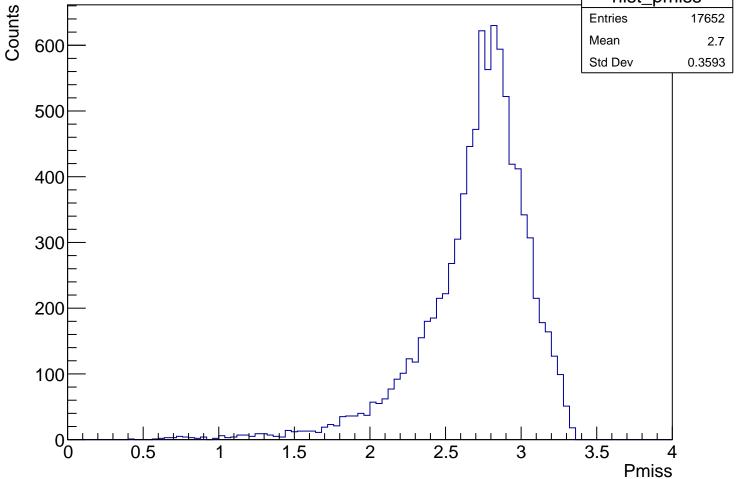
Run 6830: NPS.kin.secondary.pmiss_x hist_pmiss_x **Entries** 17652 0.08572 Mean 1000 Std Dev 0.06788 800 600 400 200 -0.20.2 -0.40.6 0.4 Pmiss_x

Run 6830: NPS.kin.secondary.pmiss_y hist_pmiss_y **Entries** 17652 1600 Mean -0.0004554Std Dev 0.04375 1400 1200 1000 800 600 400 200 0.2 -0.4-0.20.4 0.6 Pmiss_y

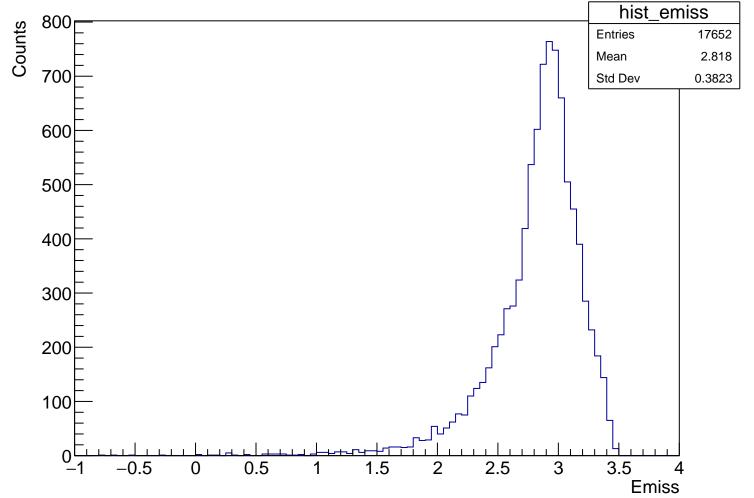
Run 6830: NPS.kin.secondary.pmiss_z hist_pmiss_z **Entries** 17652 -2.705Mean Std Dev 0.3425



Run 6830: NPS.kin.secondary.pmiss hist_pmiss **Entries** 17652 Mean 2.7 Std Dev 0.3593



Run 6830: NPS.kin.secondary.emiss



Run 6830: NPS.kin.secondary.emiss_nuc hist emiss nuc 2000 **Entries** 17652 Mean -0.0067071800 Std Dev 0.2075 1600 1400 1200 1000 800 600 400 200 -0.5 0.5 Emiss_nuc

Run 6830: H.gtr.ph hist_ph Counts Entries 17652 500 0.008857 Mean Std Dev 0.01272 400 300 200 100 0.04 0.0 H.gtr.ph -0.020.02 0.03 0.05 -0.04-0.03-0.010.01 0

Run 6830: H.gtr.th hist_th 350F Counts Entries 17652 Mean -0.002043Std Dev 0.03678 300 250 200 150 100 50 0.08 0.1 H.gtr.th -0.08 -0.06 -0.04 -0.020.02 0.04 0.06 0

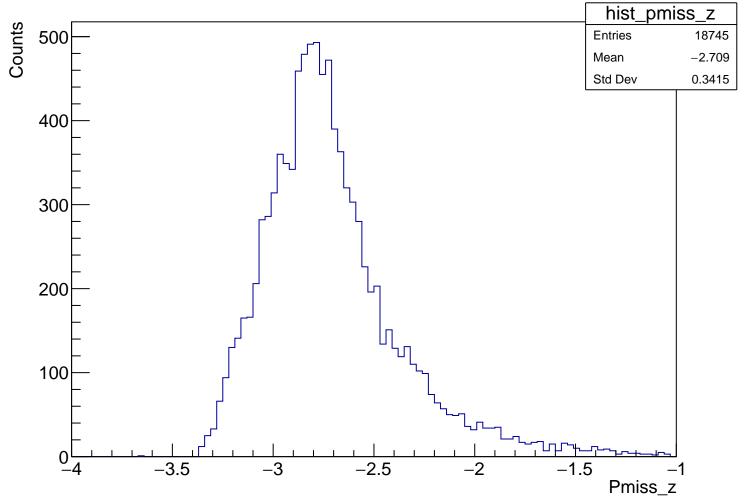
Run 6831: H.kin.W2 hist_w2 1800 Entries 18745 Mean 0.8642 1600 Std Dev 0.05923 1400 1200 1000 800 600 400 200 8.6 0.7 8.0 0.9 1.2 1.3 1.4 W2

Run 6831: H.kin.x_bj hist_x_bj 5000 Entries 18745 Mean 1.004 Std Dev 0.01302 4000 3000 2000 1000 0.7 8.0 0.9

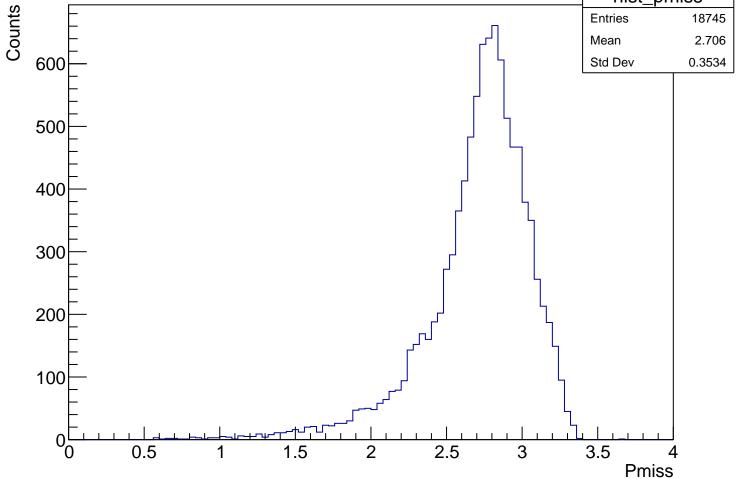
Run 6831: NPS.kin.secondary.pmiss_x hist_pmiss_x **Entries** 18745 0.08489 Mean Std Dev 0.06683 1000 800 600 400 200 -0.20.2 -0.40.4 0.6 Pmiss_x

Run 6831: NPS.kin.secondary.pmiss_y hist_pmiss_y 1800 **Entries** 18745 Mean -0.001062Std Dev 0.04419 1600 1400 1200 1000 800 600 400 200 -0.4-0.20.2 0 0.4 0.6 Pmiss_y

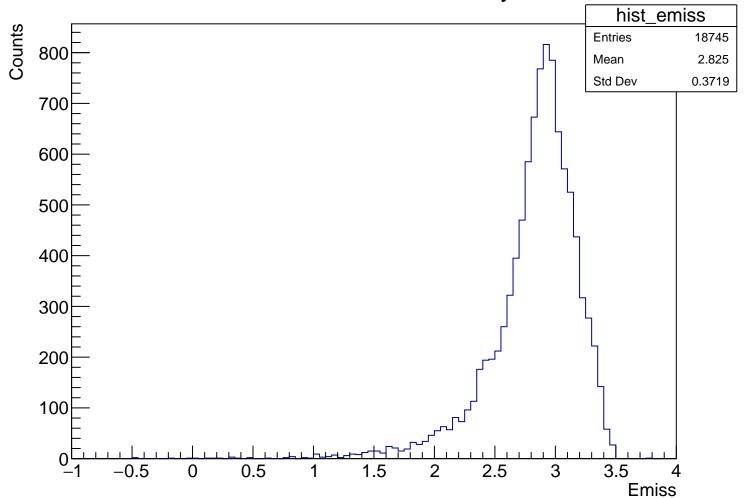
Run 6831: NPS.kin.secondary.pmiss_z



Run 6831: NPS.kin.secondary.pmiss hist_pmiss **Entries** 18745 Mean 2.706 Std Dev 0.3534

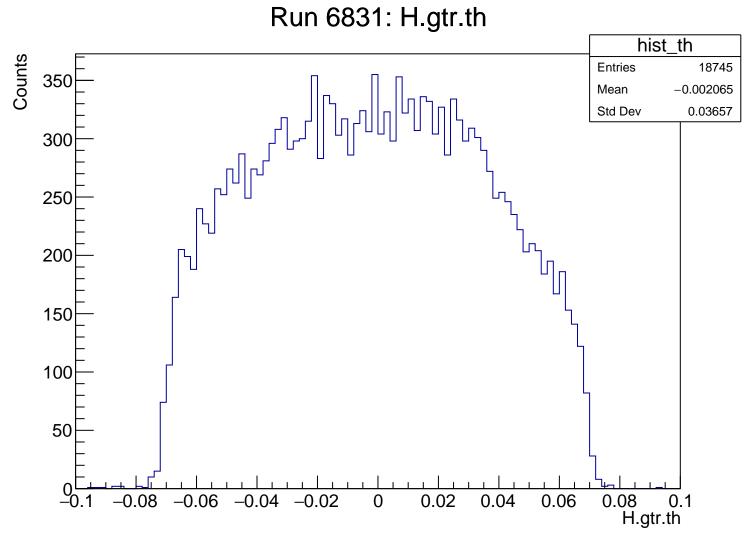


Run 6831: NPS.kin.secondary.emiss

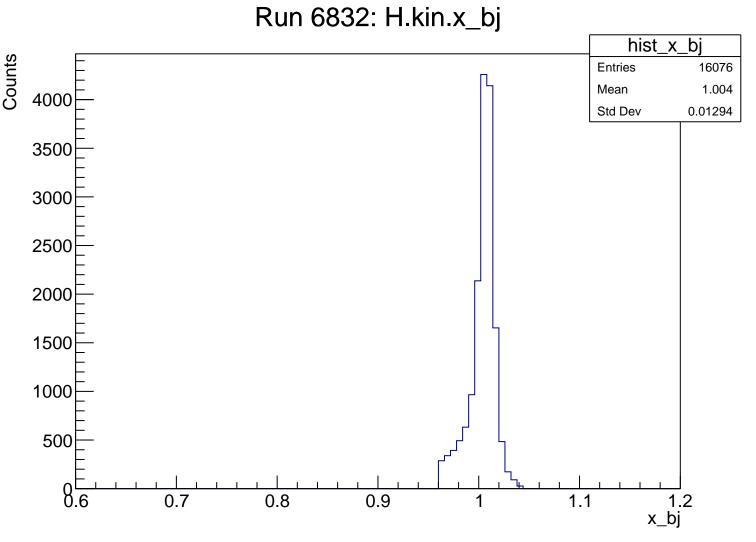


Run 6831: NPS.kin.secondary.emiss_nuc hist emiss nuc 2000 **Entries** 18745 -0.01158Mean 1800 Std Dev 0.2073 1600 1400 1200 1000 800 600 400 200 -0.5 0.5 Emiss_nuc

Run 6831: H.gtr.ph hist_ph Counts Entries 18745 Mean 0.00874 Std Dev 0.01267 500 400 300 200 100 -0.02 0.04 0.05 H.gtr.ph -0.030.02 0.03 -0.04-0.010.01 0



Run 6832: H.kin.W2 hist_w2 Counts Entries 16076 Mean 0.8644 1400 Std Dev 0.05883 1200 1000 800 600 400 200 8.6 0.9 1.3 0.7 8.0 1.2 1.4 W2



Run 6832: NPS.kin.secondary.pmiss_x hist_pmiss_x Counts **Entries** 16076 0.08559 900 Mean Std Dev 0.06792 800 700 600 500 400 300 200 100 -0.20.2 -0.40.6 0.4 Pmiss_x

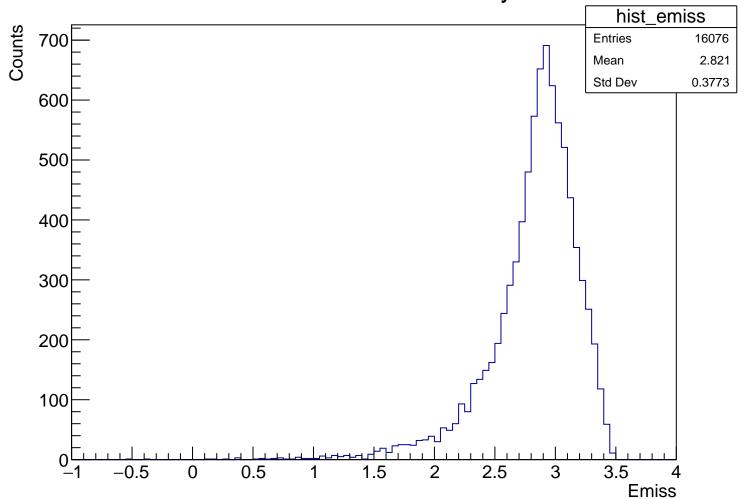
Run 6832: NPS.kin.secondary.pmiss_y hist_pmiss_y **Entries** 16076 -0.001081Mean 1400 Std Dev 0.04418 1200 1000 800 600 400 200 -0.4-0.20.2 0.4 0.6 Pmiss_y

Run 6832: NPS.kin.secondary.pmiss_z hist_pmiss_z Counts **Entries** 16076 Mean -2.706400 Std Dev 0.3462 350 300 250 200 150 100 50 -3.5 -2.5 -1.5Pmiss_z

Run 6832: NPS.kin.secondary.pmiss hist_pmiss Counts **Entries** 16076 Mean 2.702 Std Dev 0.3598 500 400 300 200 100 2.5 3.5 0.5 1.5 3

Pmiss

Run 6832: NPS.kin.secondary.emiss

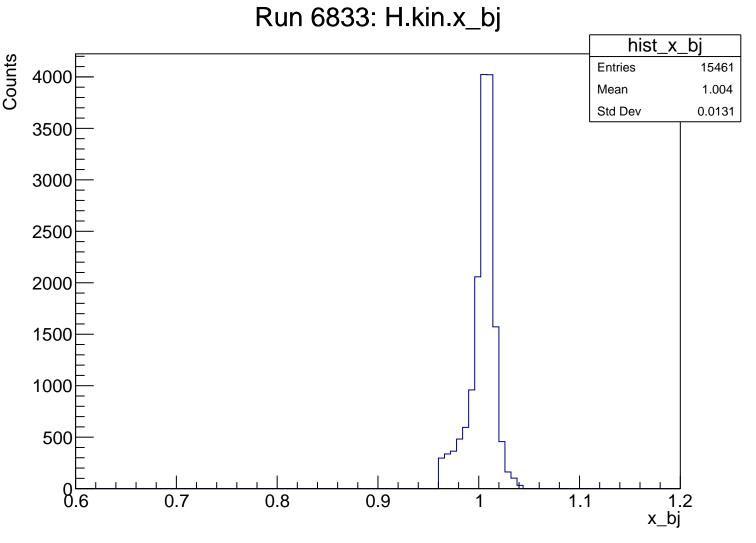


Run 6832: NPS.kin.secondary.emiss_nuc hist_emiss_nuc **Entries** 16076 -0.01073Mean 1600 Std Dev 0.2075 1400 1200 1000 800 600 400 200 -0.50.5 Emiss_nuc

Run 6832: H.gtr.ph hist_ph Counts Entries 16076 450 Mean 0.008822 Std Dev 0.01272 400 350 300 250 200 150 100 50 0.04 0.0 H.gtr.ph -0.03-0.020.02 0.03 -0.04-0.010.01 0.05 0

Run 6832: H.gtr.th hist_th Counts Entries 16076 300 -0.002132Mean Std Dev 0.03666 250 200 150 100 50 0.08 0.1 H.gtr.th -0.08 -0.06 -0.04 -0.020.02 0.04 0.06 0

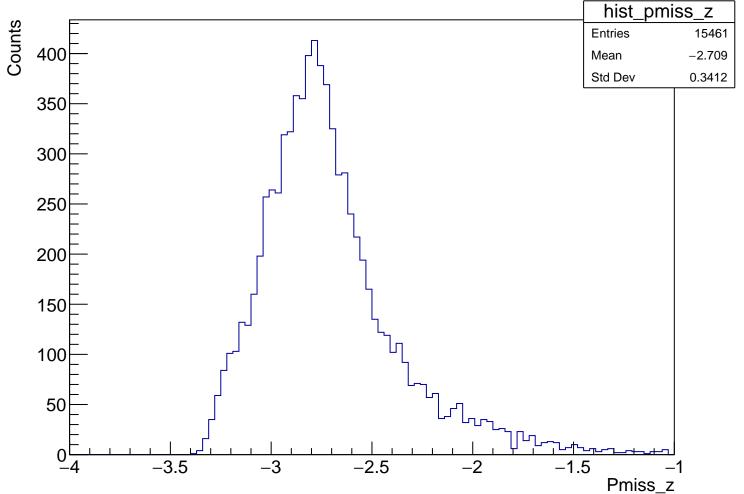
Run 6833: H.kin.W2 hist_w2 Counts 1400 Entries 15461 Mean 0.8649 Std Dev 0.05956 1200 1000 800 600 400 200 8.6 0.9 1.2 1.3 0.7 8.0 1.4 W2



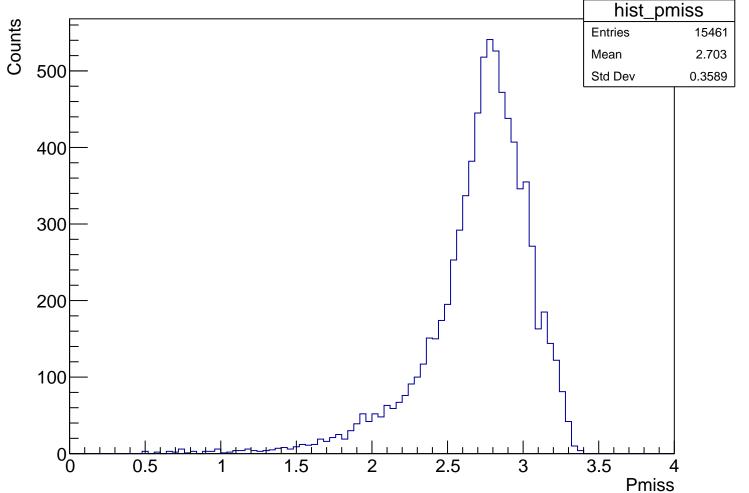
Run 6833: NPS.kin.secondary.pmiss_x hist_pmiss_x Counts **Entries** 15461 900 0.08551 Mean Std Dev 0.06794 800 700 600 500 400 300 200 100 -0.20.2 -0.40.6 0.4 Pmiss_x

Run 6833: NPS.kin.secondary.pmiss_y hist_pmiss_y **Entries** 15461 1400 Mean -0.0008737Std Dev 0.04432 1200 1000 800 600 400 200 0.2 -0.4-0.20.4 0.6 Pmiss_y

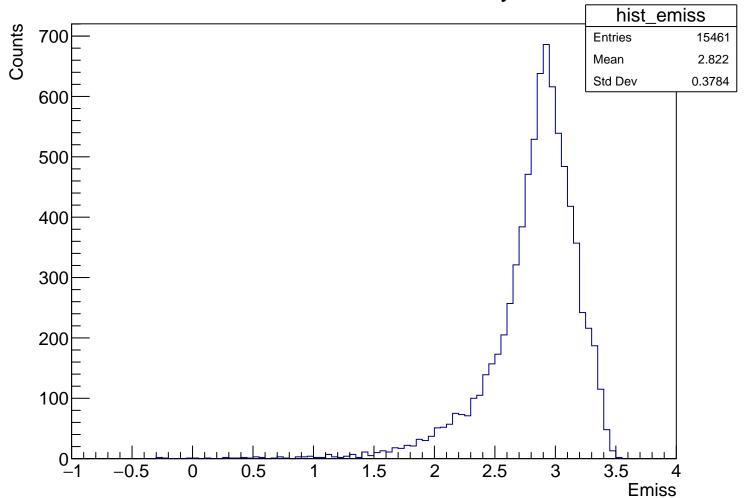
Run 6833: NPS.kin.secondary.pmiss_z



Run 6833: NPS.kin.secondary.pmiss

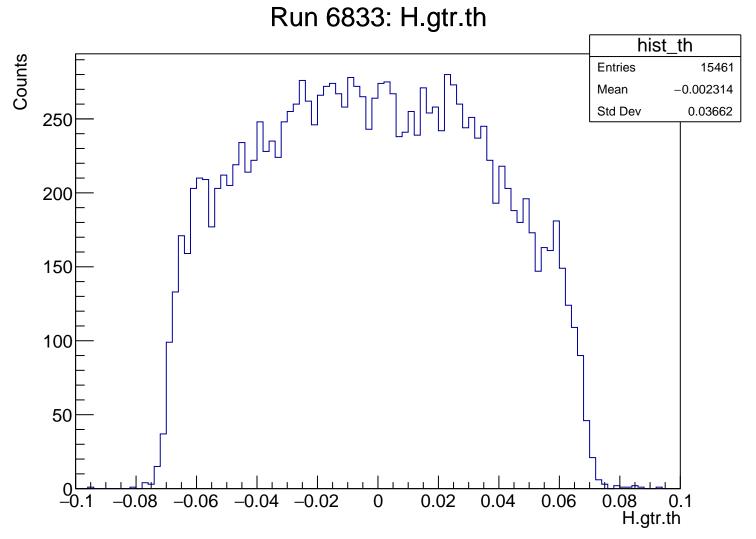


Run 6833: NPS.kin.secondary.emiss

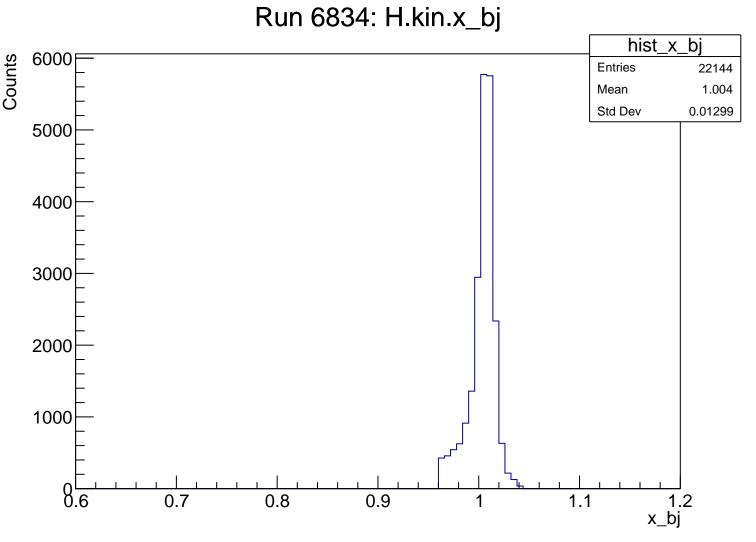


Run 6833: NPS.kin.secondary.emiss_nuc hist_emiss_nuc **Entries** 15461 1600 -0.006165Mean Std Dev 0.2064 1400 1200 1000 800 600 400 200 -0.50.5 Emiss_nuc

Run 6833: H.gtr.ph hist_ph Counts 500 Entries 15461 0.008866 Mean Std Dev 0.01272 400 300 200 100 -0.02 0.04 0.05 H.gtr.ph -0.030.02 0.03 -0.04-0.010.01 0



Run 6834: H.kin.W2 hist_w2 Counts 2000 Entries 22144 0.8647 Mean 1800 Std Dev 0.05903 1600 1400 1200 1000 800 600 400 200 8.6 0.7 8.0 0.9 1.2 1.3 1.1 1.4 W2



Run 6834: NPS.kin.secondary.pmiss_x hist_pmiss_x **Entries** 22144 Mean 0.08657 Std Dev 0.0689 1200 1000 800 600 400 200 -0.20.2 -0.40.6 0.4 Pmiss_x

Run 6834: NPS.kin.secondary.pmiss_y hist_pmiss_y 2200F **Entries** 22144 Mean -0.00023672000 Std Dev 0.04465 1800 1600 1400 1200 1000 800 600 400 200 -0.4-0.20.2 0.4 0.6 0 Pmiss_y

Run 6834: NPS.kin.secondary.pmiss_z hist_pmiss_z Counts **Entries** 22144 600 Mean -2.701Std Dev 0.3488 500 400 300 200 100 -3.5 -2.5 -1.5

Pmiss_z

Run 6834: NPS.kin.secondary.pmiss hist_pmiss Counts **Entries** 22144 800 2.695 Mean Std Dev 0.3668 700 600 500 400 300 200 100 2.5 3.5 0.5 1.5 3 **Pmiss**

Run 6834: NPS.kin.secondary.emiss hist_emiss **Entries** 22144 1000 Mean 2.813 Std Dev 0.391 800 600 400 200 -0.52.5 3.5 1.5 0.5 3

Emiss

Run 6834: NPS.kin.secondary.emiss_nuc hist_emiss_nuc 2500 **Entries** 22144 -0.01341Mean Std Dev 0.2062 2000 1500 1000 500 0^L -0.5 0.5 Emiss_nuc

Run 6834: H.gtr.ph hist_ph Counts Entries 22144 0.008858 Mean 600 Std Dev 0.01277 500 400 300 200 100 0.04 0.05 H.gtr.ph -0.03-0.020.02 0.03 -0.04-0.010.01 0

Run 6834: H.gtr.th hist_th 450 Counts Entries 22144 -0.002209Mean 400 Std Dev 0.03665 350 300 250 200 150 100 50 -0.08 -0.06 0.08 0.1 H.gtr.th -0.04 -0.020.02 0.04 0.06 0

Run 6835: H.kin.W2 hist_w2 Counts 1400 Entries 15015 Mean 0.8642 Std Dev 0.05942 1200 1000 800 600 400 200 8.6 0.9 1.3 8.0 1.2 0.7 1.4 W2

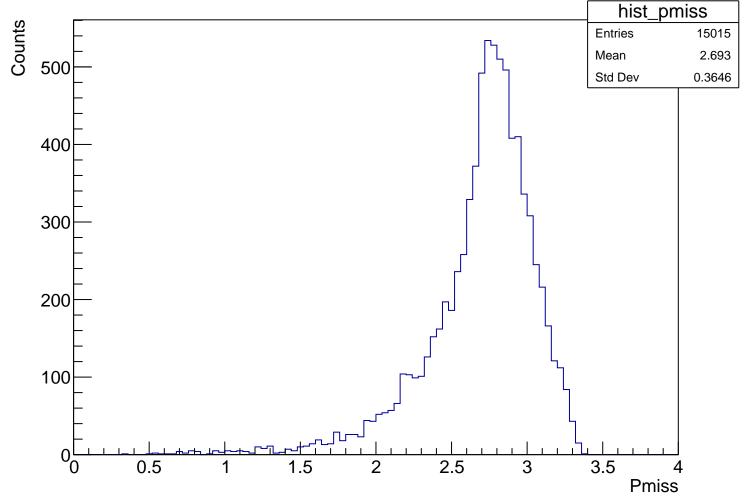
Run 6835: H.kin.x_bj hist_x_bj 4000 Entries 15015 Mean 1.004 Std Dev 0.01307 3500 3000 2500 2000 1500 1000 500 0.7 8.0 0.9

Run 6835: NPS.kin.secondary.pmiss_x hist_pmiss_x Counts **Entries** 15015 900 Mean 0.08624 Std Dev 0.06803 800 700 600 500 400 300 200 100 -0.20.2 -0.40.6 0.4 Pmiss_x

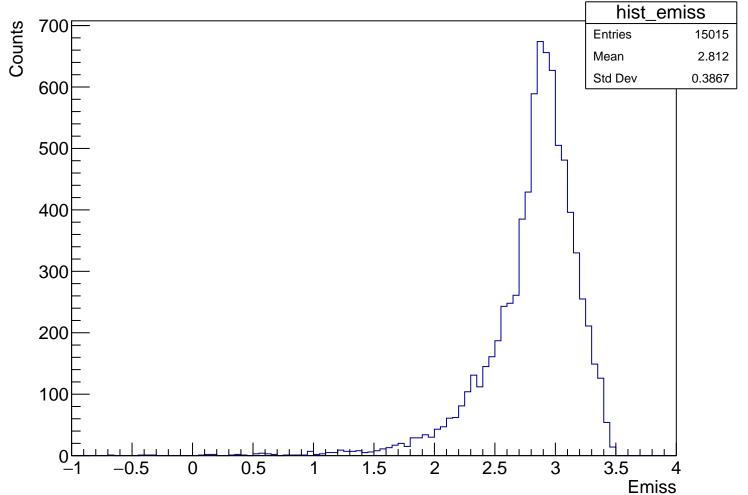
Run 6835: NPS.kin.secondary.pmiss_y hist_pmiss_y **Entries** 15015 1400 Mean -0.0003662Std Dev 0.04473 1200 1000 800 600 400 200 -0.4-0.20.2 0.4 0.6 Pmiss_y

Run 6835: NPS.kin.secondary.pmiss_z hist_pmiss_z Counts **Entries** 15015 400 Mean -2.699Std Dev 0.3463 350 300 250 200 150 100 50 -3.5 -2.5 -1.5 Pmiss_z

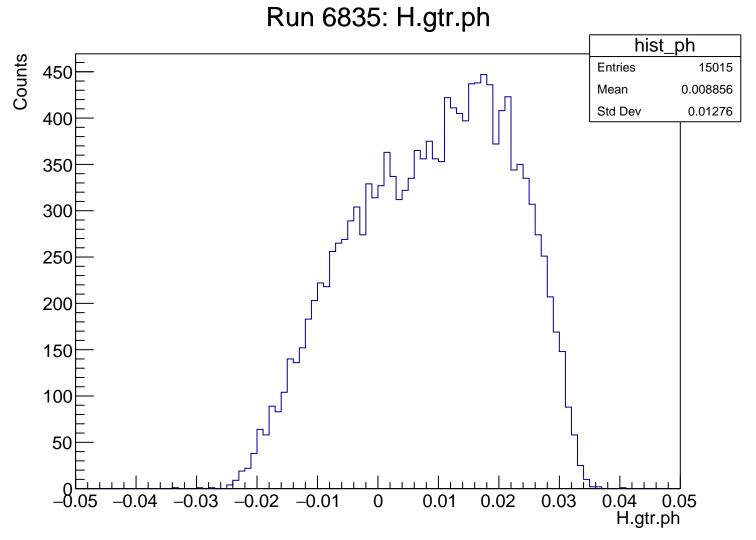
Run 6835: NPS.kin.secondary.pmiss

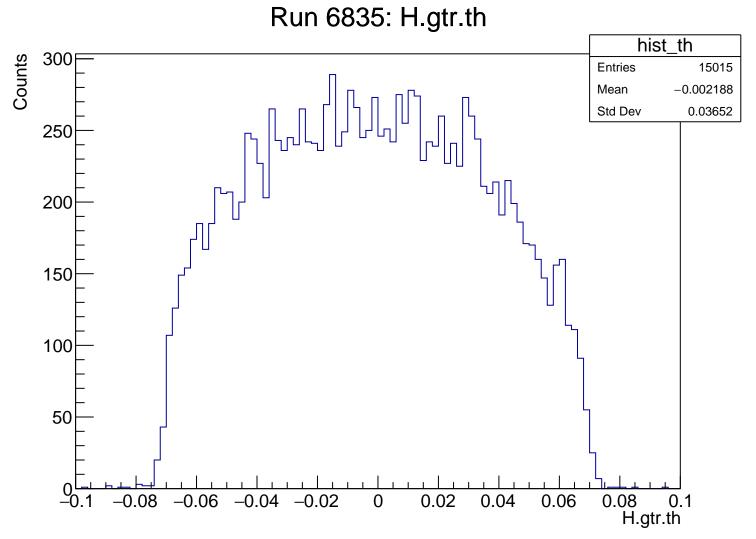


Run 6835: NPS.kin.secondary.emiss

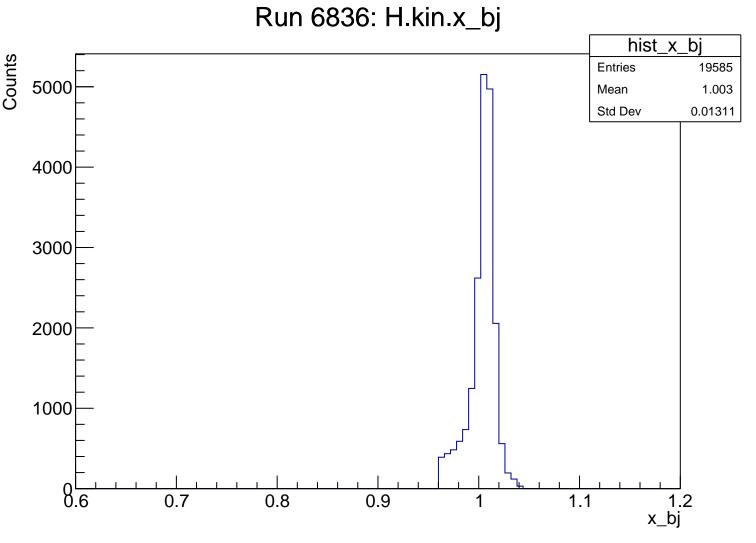


Run 6835: NPS.kin.secondary.emiss_nuc hist_emiss_nuc **Entries** 15015 1600 -0.008897Mean Std Dev 0.2084 1400 1200 1000 800 600 400 200 -0.50.5 Emiss_nuc





Run 6836: H.kin.W2 hist_w2 1800 Entries 19585 0.8653 Mean 1600 Std Dev 0.05968 1400 1200 1000 800 600 400 200 8.6 0.7 8.0 0.9 1.2 1.3 1.1 1.4 W2



Run 6836: NPS.kin.secondary.pmiss_x hist_pmiss_x **Entries** 19585 1200 0.08555 Mean Std Dev 0.06645 1000 800 600 400 200 0<u>-</u> -0.6 -0.20.2 -0.40.4 0.6 Pmiss_x

Run 6836: NPS.kin.secondary.pmiss_y hist_pmiss_y **Entries** 19585 -0.0004277Mean 1800 Std Dev 0.04445 1600 1400 1200 1000 800 600 400 200 -0.4-0.20.2 0.4 0.6 Pmiss_y

Run 6836: NPS.kin.secondary.pmiss_z hist_pmiss_z Counts **Entries** 19585 -2.707Mean 500 Std Dev 0.337 400 300 200 100 -3.5 -2.5 -1.5 Pmiss_z

Run 6836: NPS.kin.secondary.pmiss hist_pmiss Counts **Entries** 19585 700 Mean 2.7 Std Dev 0.359 600 500 400 300 200 100

2.5

3

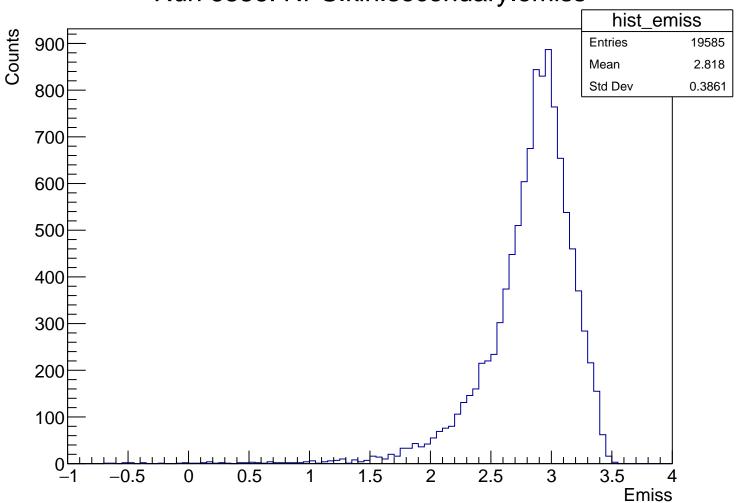
3.5

Pmiss

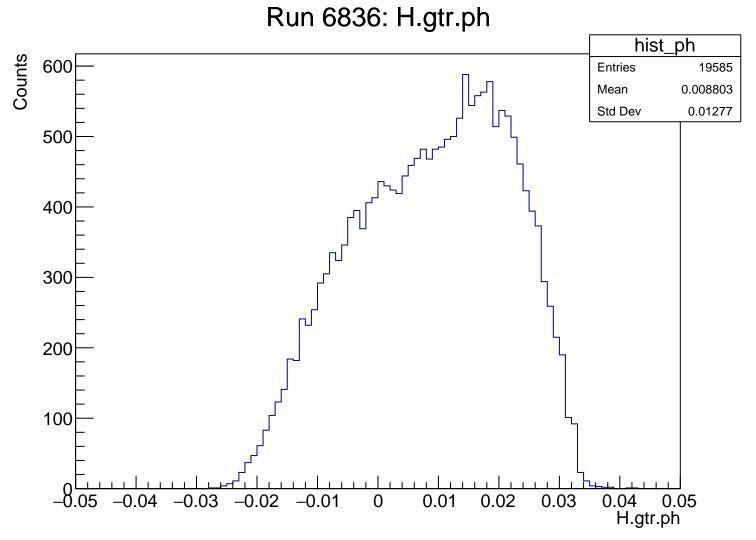
1.5

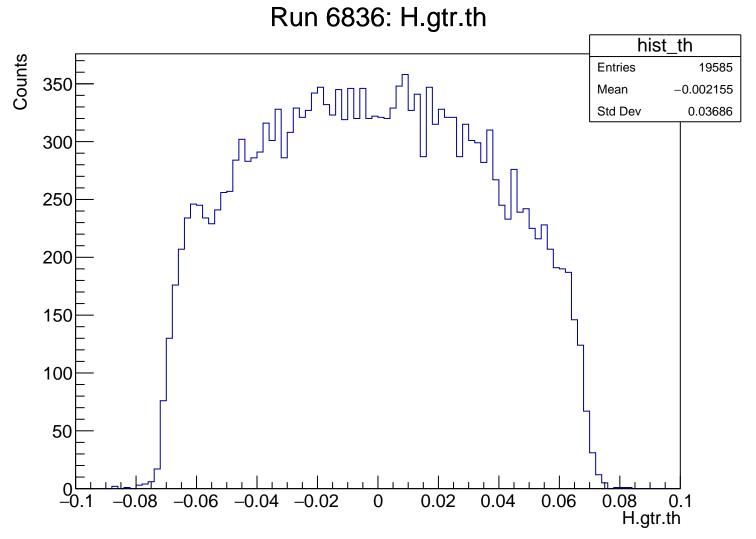
0.5

Run 6836: NPS.kin.secondary.emiss



Run 6836: NPS.kin.secondary.emiss_nuc hist emiss nuc 2200 **Entries** 19585 Mean -0.016392000 Std Dev 0.2021 1800 1600 1400 1200 1000 800 600 400 200 -0.5 0.5 Emiss_nuc





Run 6837: H.kin.W2 hist_w2 Counts Entries 3075 Mean 0.8667 Std Dev 0.06054 250 200 150 100 50 يركيني 8.6 1.4 W2 8.0 0.9 1.2 1.3 0.7

Run 6837: H.kin.x_bj hist_x_bj Counts 800 Entries 3075 Mean 1.003 Std Dev 0.01332 700 600 500 400 300 200 100 0.7 8.0 0.9

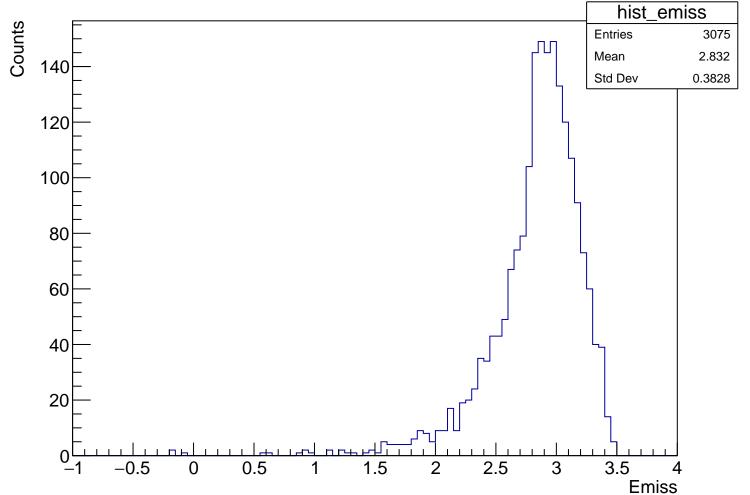
Run 6837: NPS.kin.secondary.pmiss_x hist_pmiss_x Counts **Entries** 3075 220 0.08339 Mean Std Dev 0.06593 200 180 160 140 120 100 80 60 40 20 -0.20.2 -0.40 0.6 0.4 Pmiss_x

Run 6837: NPS.kin.secondary.pmiss_y hist_pmiss_y Counts **Entries** 3075 -0.001035 350 Mean Std Dev 0.04362 300 250 200 150 100 50 -0.4-0.20.2 0.4 0.6 Pmiss_y

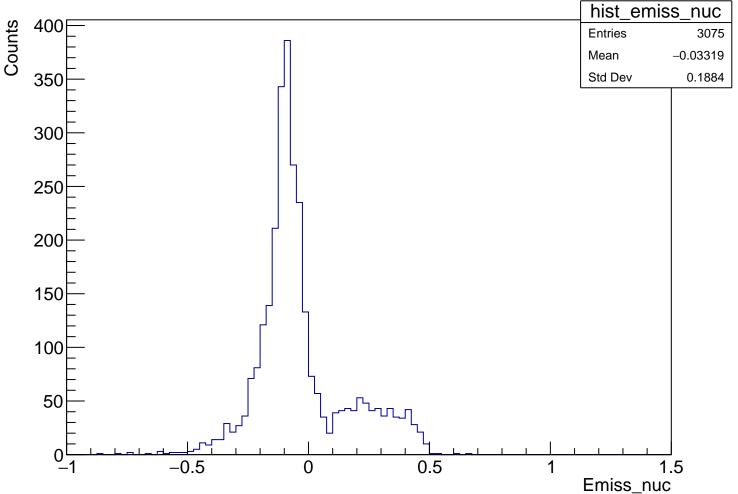
Run 6837: NPS.kin.secondary.pmiss_z hist_pmiss_z Counts **Entries** 3075 100 Mean -2.719Std Dev 0.3427 80 60 40 20 0^L -3.5 -2.5 -1.5 Pmiss_z

Run 6837: NPS.kin.secondary.pmiss hist_pmiss Counts **Entries** 3075 Mean 2.713 120 Std Dev 0.3597 100 80 60 40 20 2.5 1.5 3 3.5 0.5 **Pmiss**

Run 6837: NPS.kin.secondary.emiss



Run 6837: NPS.kin.secondary.emiss_nuc



Run 6837: H.gtr.ph hist_ph Counts Entries 3075 Mean 0.009067 90 Std Dev 0.01253 80 70 60 50 40 30 20 10 -0.02 0.04 0.05 H.gtr.ph -0.030.02 0.03 -0.04-0.010.01 0

Run 6837: H.gtr.th hist_th Counts Entries 70 3075 Mean -0.001855Std Dev 0.03661 60 50 40 30 20 10 0.08 0.1 H.gtr.th -0.08 -0.06 -0.04 -0.020.02 0.04 0.06 0

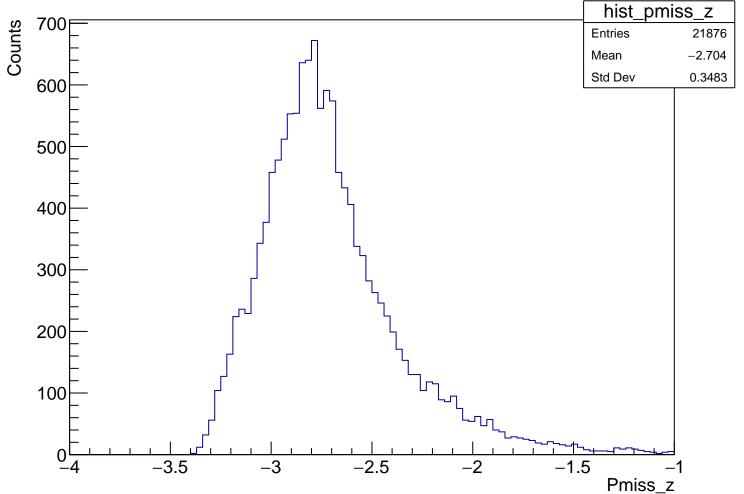
Run 6838: H.kin.W2 hist_w2 Counts Entries 21876 2000 Mean 0.8655 Std Dev 0.05892 1800 1600 1400 1200 1000 800 600 400 200 8.6 0.7 8.0 0.9 1.2 1.3 1.4 W2

Run 6838: H.kin.x_bj hist_x_bj 6000 Entries 21876 Mean 1.003 Std Dev 0.01296 5000 4000 3000 2000 1000 0.7 8.0 0.9

Run 6838: NPS.kin.secondary.pmiss_x hist_pmiss_x **Entries** 21876 0.08619 Mean 1400 Std Dev 0.0681 1200 1000 800 600 400 200 -0.20.2 -0.40.6 0.4 Pmiss_x

Run 6838: NPS.kin.secondary.pmiss_y hist_pmiss_y **Entries** 21876 2500 Mean -0.0005127Std Dev 0.04495 2000 1500 1000 500 -0.20.2 -0.40.4 0.6 Pmiss_y

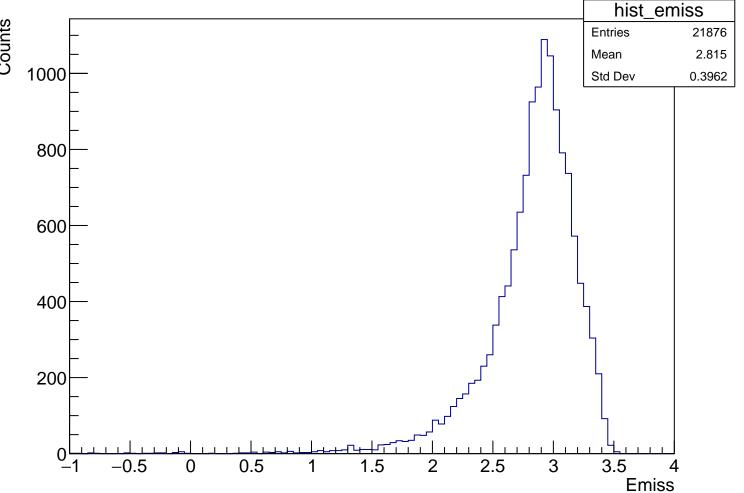
Run 6838: NPS.kin.secondary.pmiss_z



Run 6838: NPS.kin.secondary.pmiss hist_pmiss Counts 900 **Entries** 21876 Mean 2.698 800 Std Dev 0.367 700 600 500 400 300 200 100 2.5 0.5 1.5 3 3.5

Pmiss

Run 6838: NPS.kin.secondary.emiss

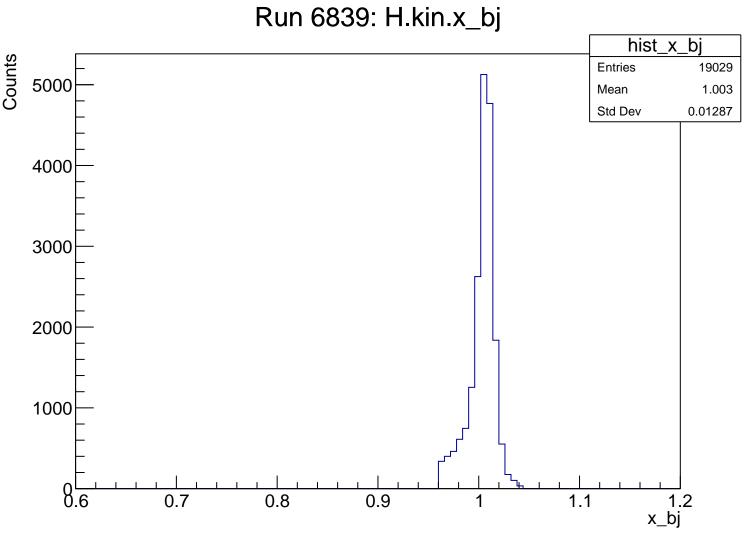


Run 6838: NPS.kin.secondary.emiss_nuc hist_emiss_nuc **Entries** 21876 2500 Mean -0.03477Std Dev 0.1942 2000 1500 1000 500 -0.50.5 Emiss_nuc

Run 6838: H.gtr.ph hist_ph Counts Entries 21876 0.009032 600 Mean Std Dev 0.01259 500 400 300 200 100 0.04 0.0 H.gtr.ph -0.04-0.03-0.020.02 0.03 0.05 -0.010.01 0

Run 6838: H.gtr.th hist_th Counts Entries 21876 400 -0.002047Mean Std Dev 0.03699 350 300 250 200 150 100 50 0.08 0.1 H.gtr.th -0.08 -0.06-0.04 -0.020.02 0.04 0.06 0

Run 6839: H.kin.W2 hist_w2 Counts 1800 Entries 19029 Mean 0.8659 Std Dev 0.0585 1600 1400 1200 1000 800 600 400 200 8.6 8.0 0.7 0.9 1.2 1.3 1.1 1.4 W2



Run 6839: NPS.kin.secondary.pmiss_x hist_pmiss_x 1400 **Entries** 19029 0.0865 Mean Std Dev 0.06984 1200 1000 800 600 400 200 -0.20.2 -0.40.6 0.4 Pmiss_x

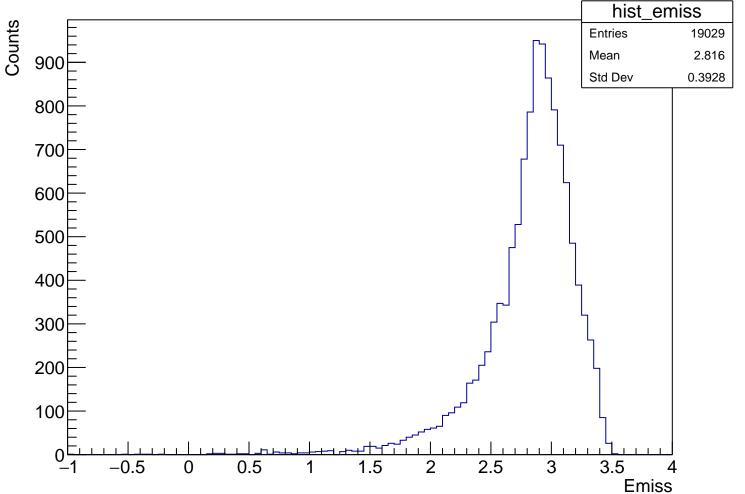
Run 6839: NPS.kin.secondary.pmiss_y hist_pmiss_y **Entries** 19029 0.0002775 2000 Mean Std Dev 0.04483 1800 1600 1400 1200 1000 800 600 400 200 -0.4-0.20.2 0.4 0.6 Pmiss_y

Run 6839: NPS.kin.secondary.pmiss_z hist_pmiss_z Counts 600 **Entries** 19029 -2.705Mean Std Dev 0.348 500 400 300 200 100 -3.5 -2.5 -1.5 Pmiss_z

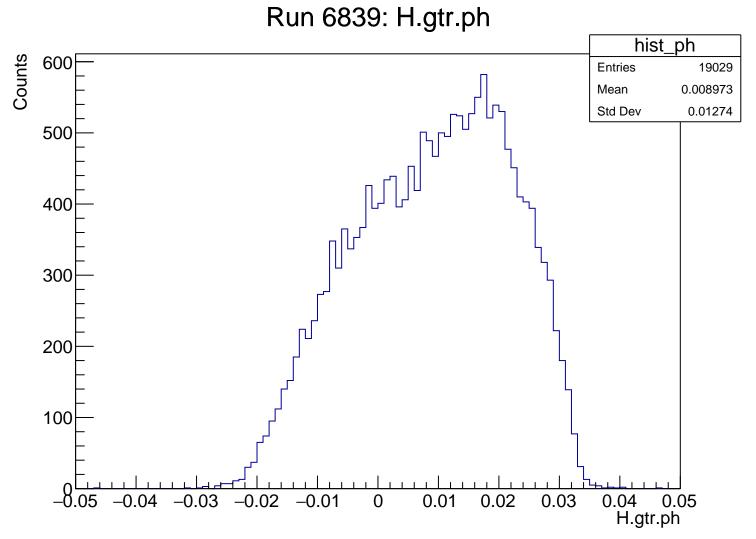
Run 6839: NPS.kin.secondary.pmiss hist_pmiss Counts 800 **Entries** 19029 2.697 Mean Std Dev 0.3698 700 600 500 400 300 200 100 1.5 2.5 3 3.5 0.5

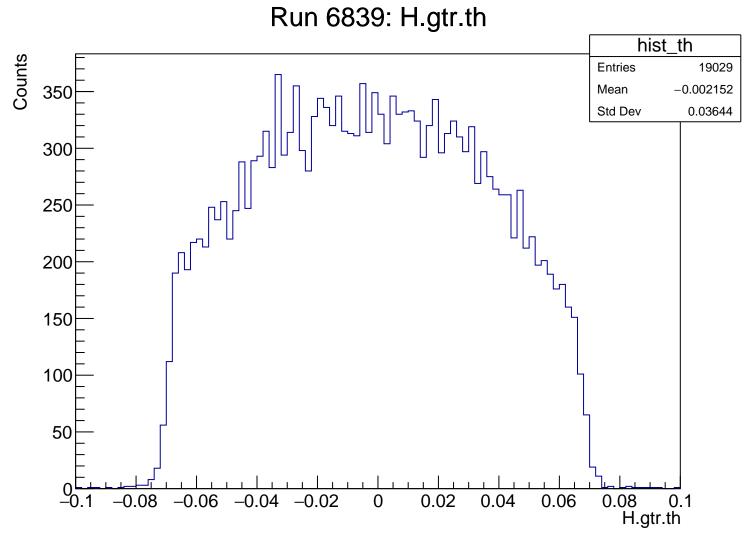
Pmiss

Run 6839: NPS.kin.secondary.emiss

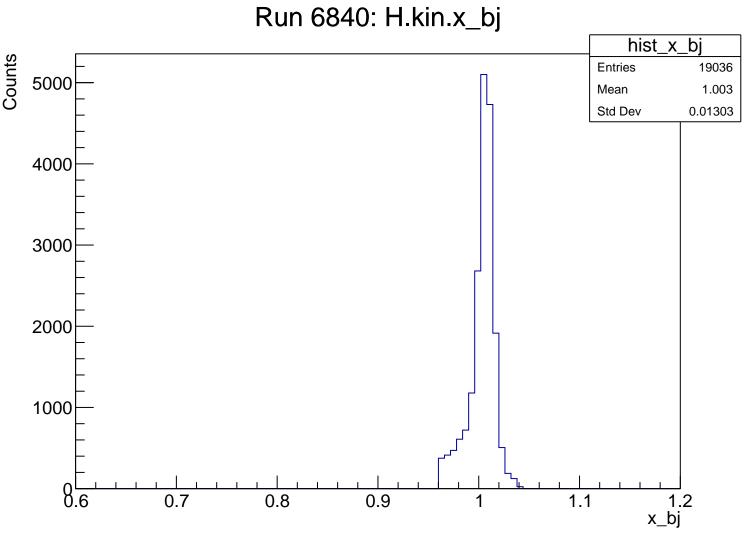


Run 6839: NPS.kin.secondary.emiss_nuc hist emiss nuc 2400E **Entries** 19029 Mean -0.033882200 Std Dev 0.1939 2000 1800 1600 1400 1200 1000 800 600 400 200 0^L -0.5 0.5 Emiss_nuc





Run 6840: H.kin.W2 hist_w2 Entries 19036 Mean 0.866 1600 Std Dev 0.05928 1400 1200 1000 800 600 400 200 8.6 8.0 0.7 0.9 1.2 1.3 1.4 W2



Run 6840: NPS.kin.secondary.pmiss_x hist_pmiss_x 1400 **Entries** 19036 Mean 0.08625 Std Dev 0.06847 1200 1000 800 600 400 200 -0.20.2 -0.40.6 0.4 Pmiss_x

Run 6840: NPS.kin.secondary.pmiss_y hist_pmiss_y **Entries** 19036 Mean -0.00044182000 Std Dev 0.04469 1800 1600 1400 1200 1000 800 600 400 200 -0.4-0.20.2 0.4 0.6 Pmiss_y

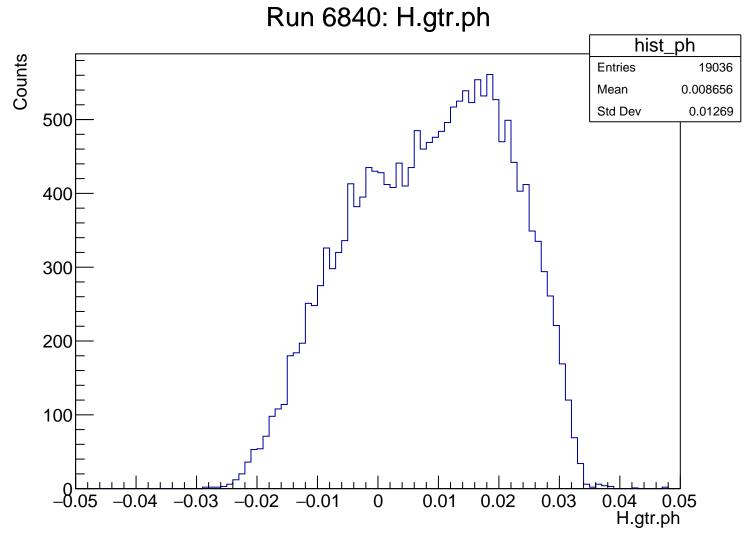
Run 6840: NPS.kin.secondary.pmiss_z hist_pmiss_z Counts 600 **Entries** 19036 -2.705Mean Std Dev 0.3458 500 400 300 200 100 -3.5 -2.5 -1.5

Pmiss_z

Run 6840: NPS.kin.secondary.pmiss hist_pmiss Counts 800 **Entries** 19036 2.698 Mean Std Dev 0.3658 700 600 500 400 300 200 100 2.5 3.5 1.5 3 0.5 **Pmiss**

Run 6840: NPS.kin.secondary.emiss hist_emiss **Entries** 19036 1000 Mean 2.817 Std Dev 0.39 800 600 400 200 -0.52.5 3.5 1.5 0.5 3 **Emiss**

Run 6840: NPS.kin.secondary.emiss_nuc hist emiss nuc **Entries** 19036 2200 Mean -0.03157Std Dev 0.1946 2000 1800 1600 1400 1200 1000 800 600 400 200 0^L -0.50.5 Emiss_nuc



Run 6840: H.gtr.th hist_th Counts Entries 19036 -0.002179Mean 350 Std Dev 0.03677 300 250 200 150 100 50 0.08 0.1 H.gtr.th -0.08 -0.06-0.04 -0.020.02 0.04 0.06 0