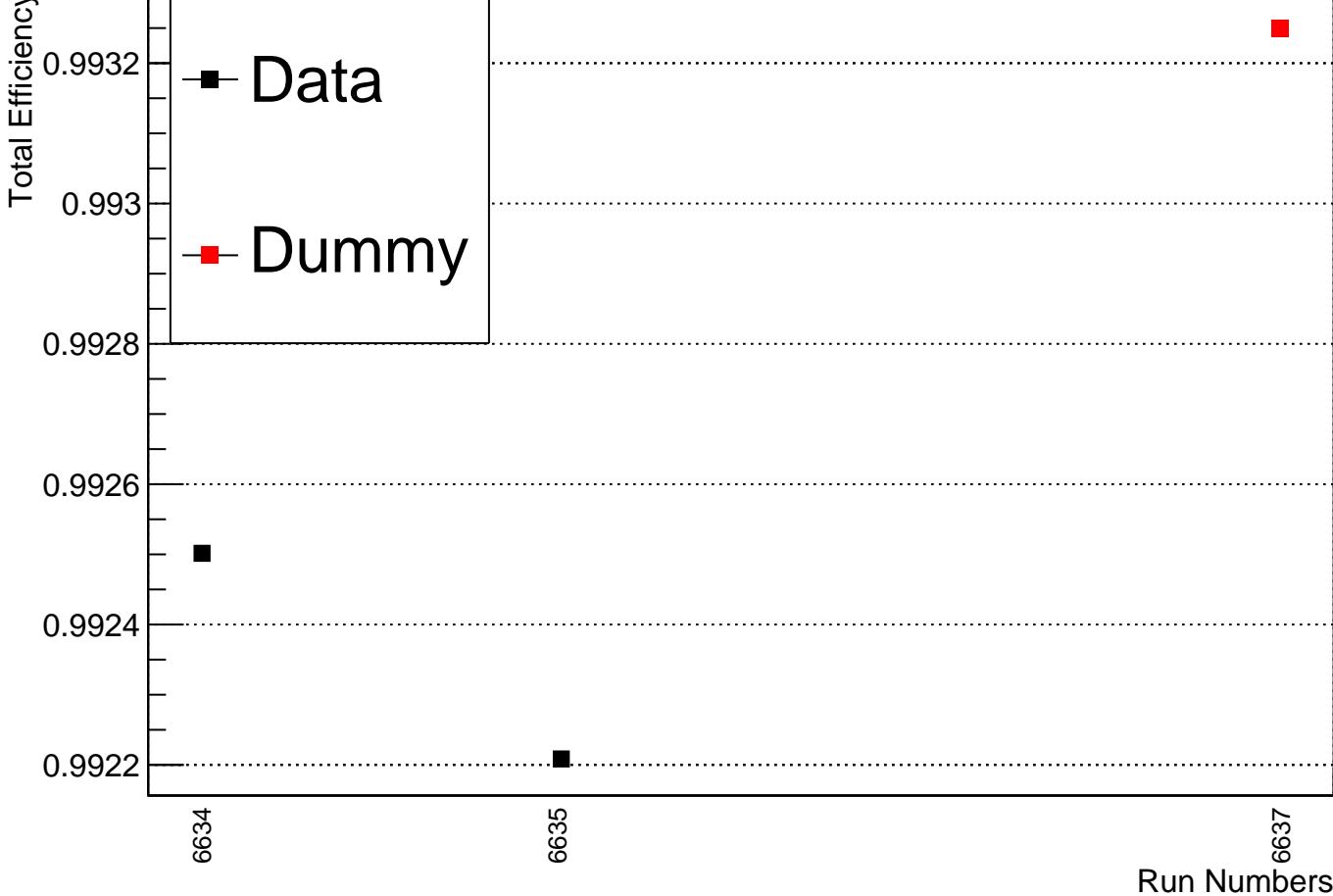
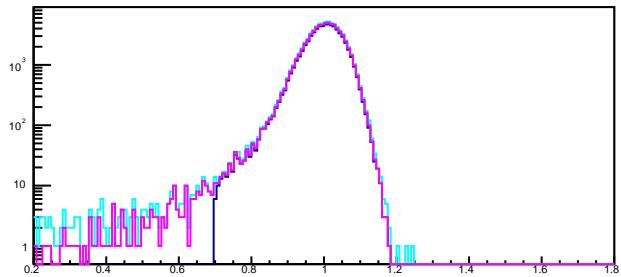


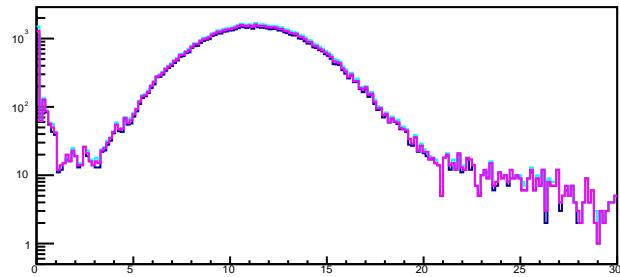
Total Efficiency



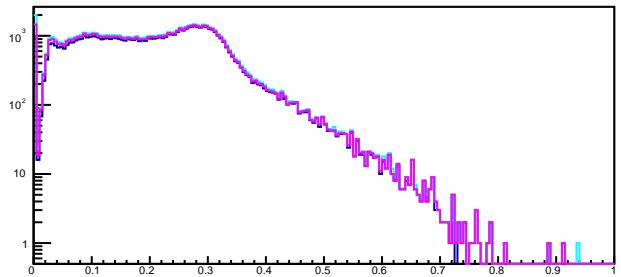
HMS Cal etottracknorm



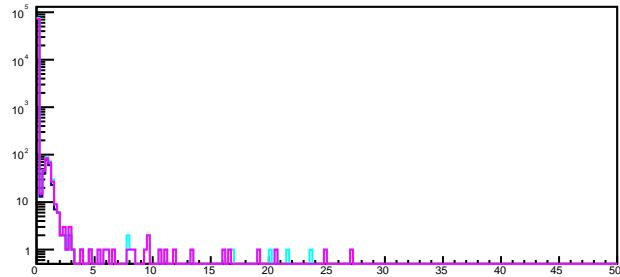
HMS Cer Npe Sum



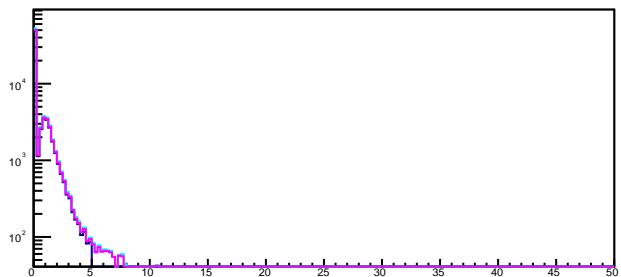
SHMS Cal etottracknorm



SHMS HGcer Npe Sum



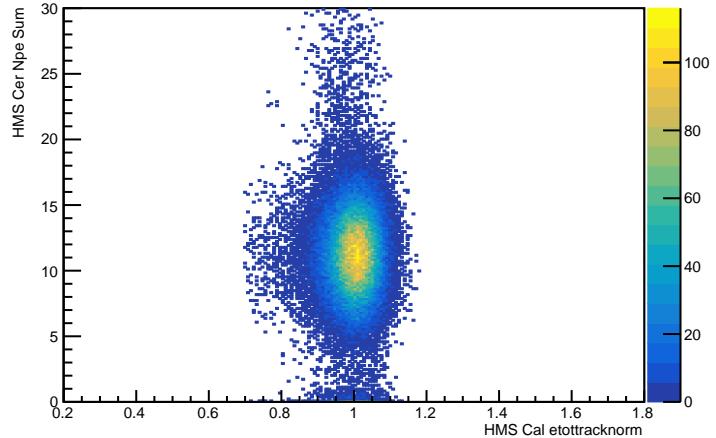
SHMS Aero Npe Sum



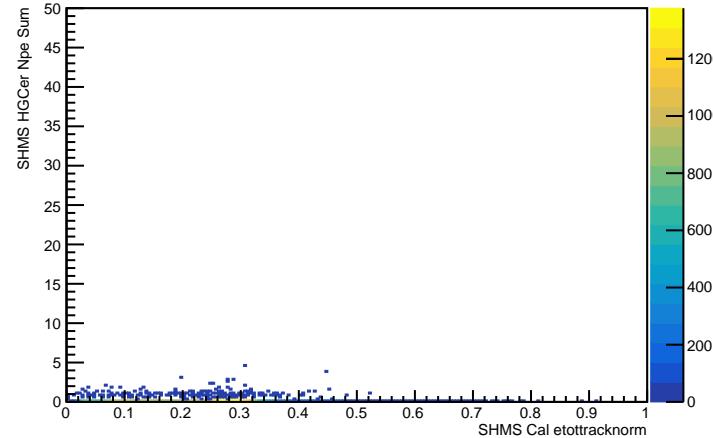
- p cut
- No cut
- No PID cut

```
"CTime_epCoinTime_ROC1" : (CTime_epCoinTime_ROC1 > ((0)-(4.008)(2.0)-(0.25)) & (CTime_epCoinTime_ROC1 < ((0)+((4.008)(2.0)+(0.25)))
    "P_gtr_beta" : (abs(P_gtr_beta-1) < 0.3)
    "P_hgcer_npeSum" : (P_hgcer_npeSum <= 5.0)
    "P_aero_npeSum" : (P_aero_npeSum <= 5.0)
    "H_cal_etottracknorm" : (H_cal_etottracknorm > 0.7)
    "P_cal_stottracknorm" : (P_cal_stottracknorm >= 0.0)
```

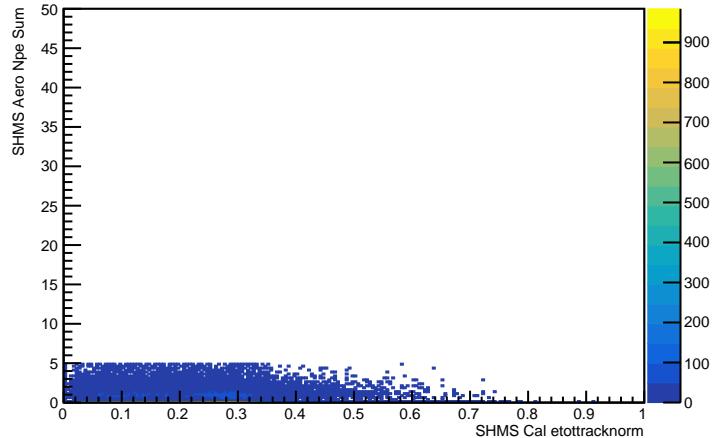
HMS Cal etottracknorm vs HMS Cer Npe Sum



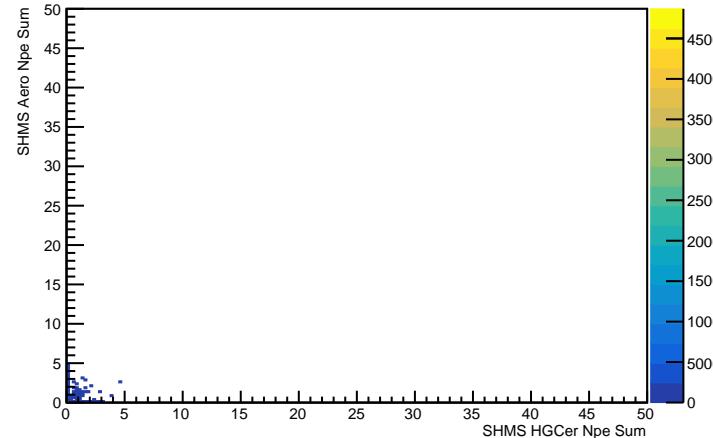
SHMS Cal etottracknorm vs SHMS HGcer Npe Sum



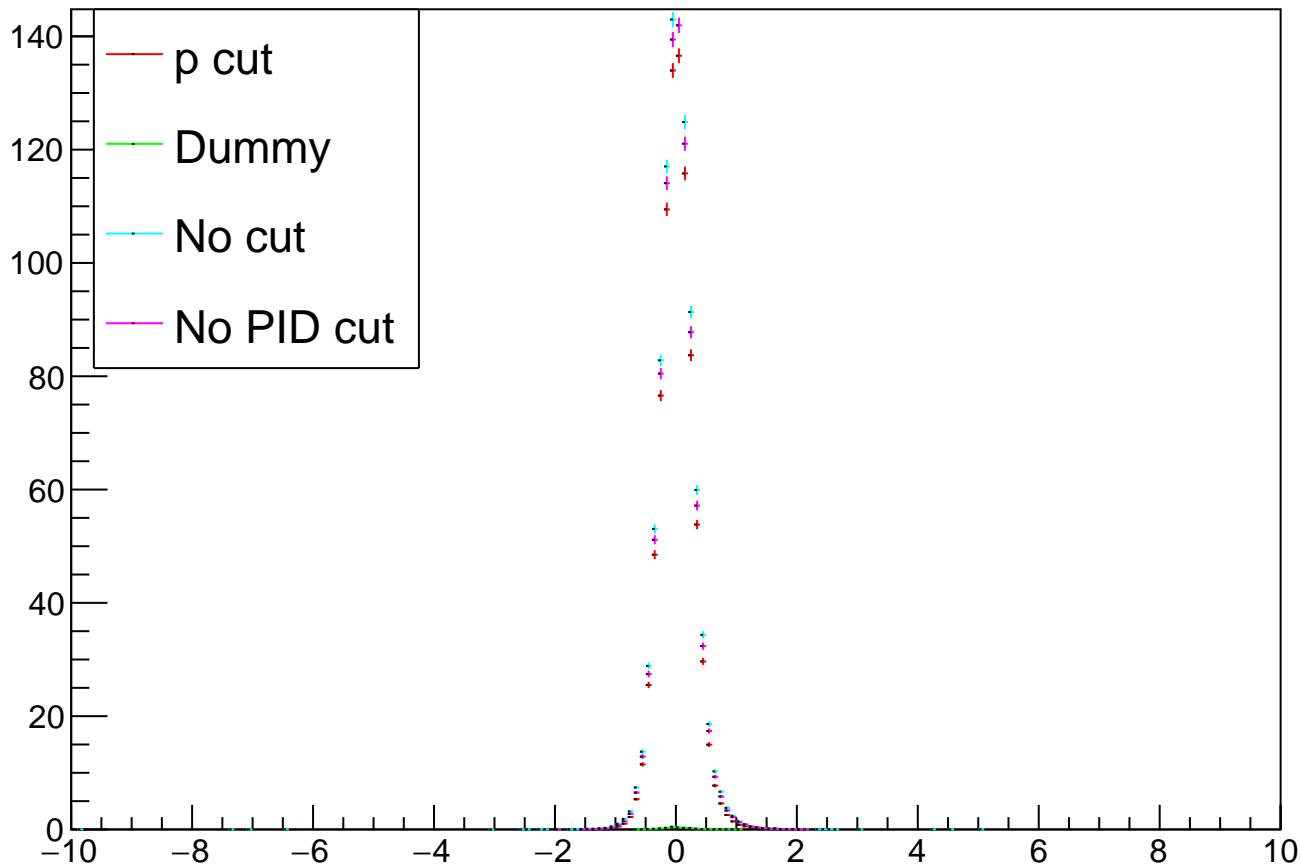
SHMS Cal etottracknorm vs SHMS Aero Npe Sum



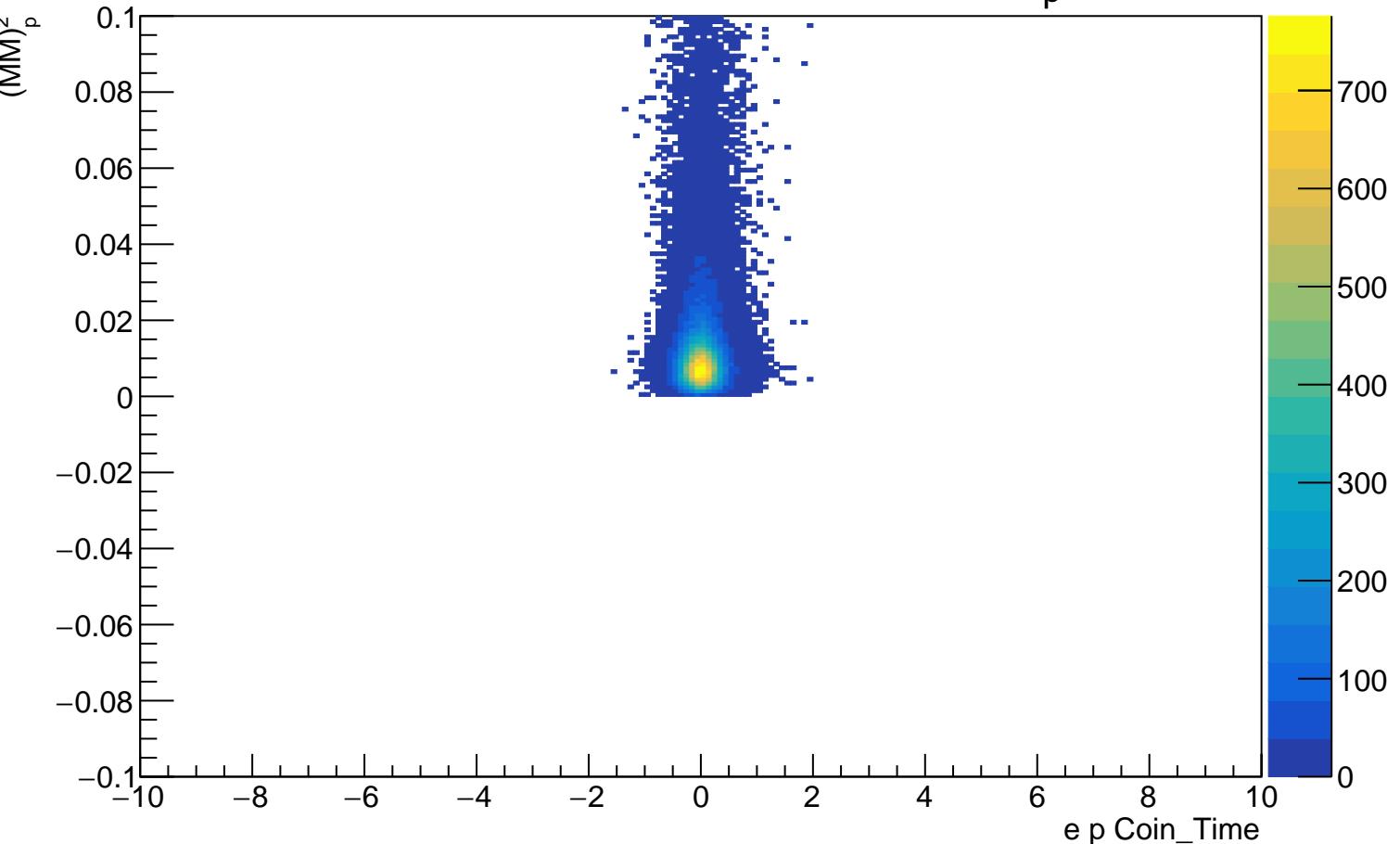
SHMS HGcer Npe Sum vs SHMS Aero Npe Sum



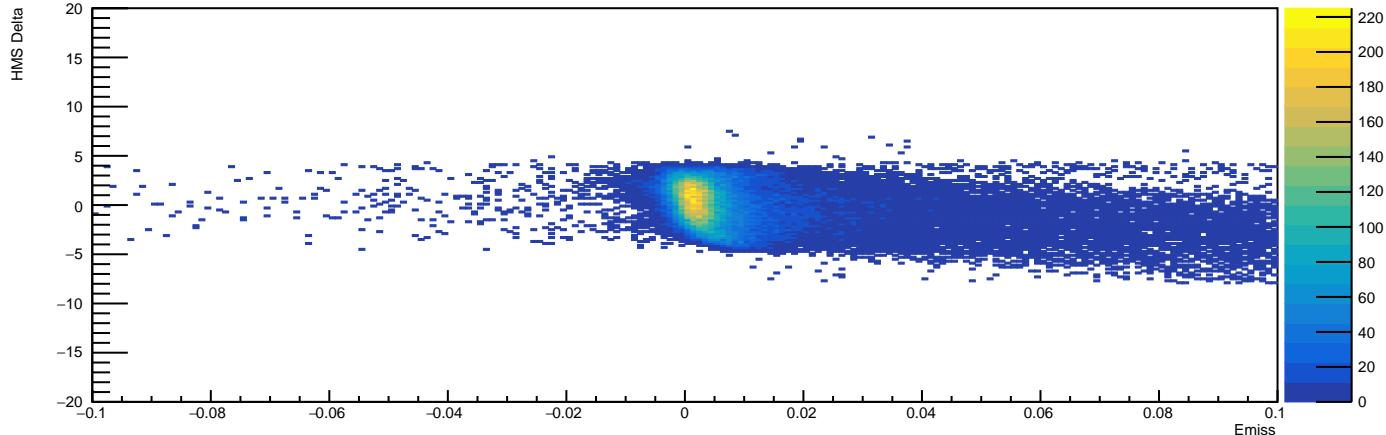
Electron-Proton CTime



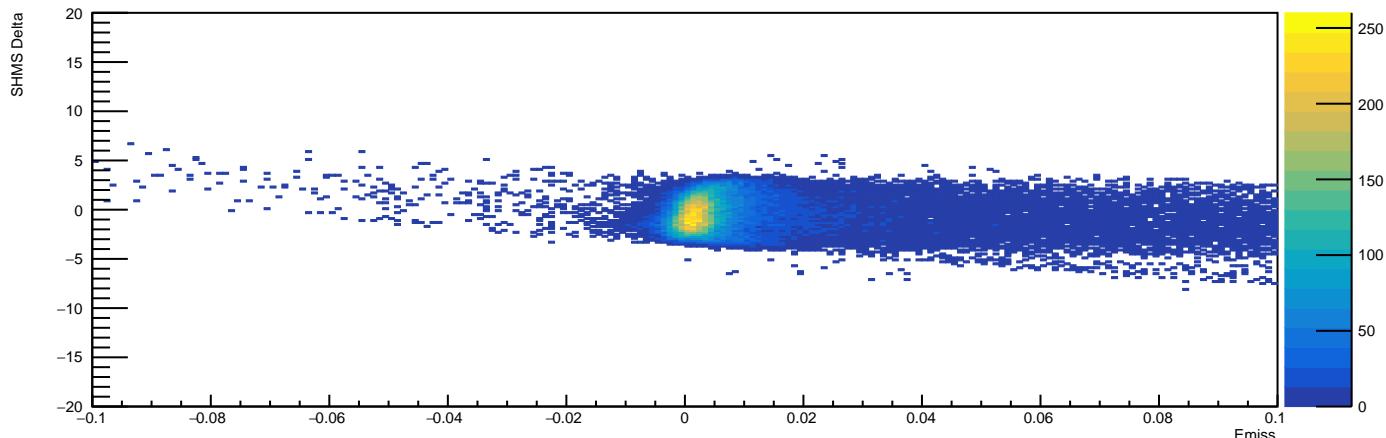
Electron-Proton CTime vs $(MM_p)^2$



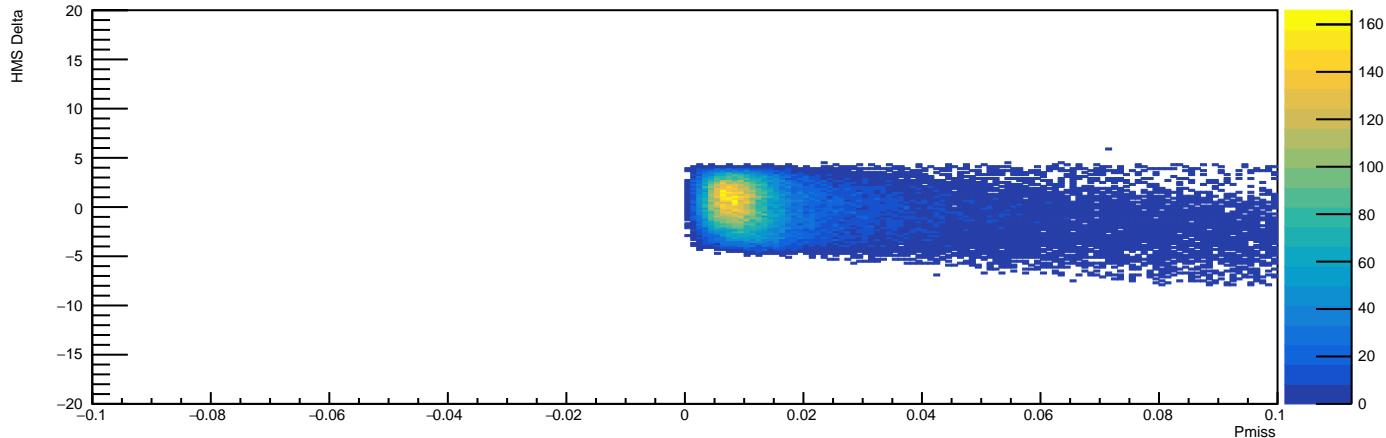
Emiss vs HMS Delta



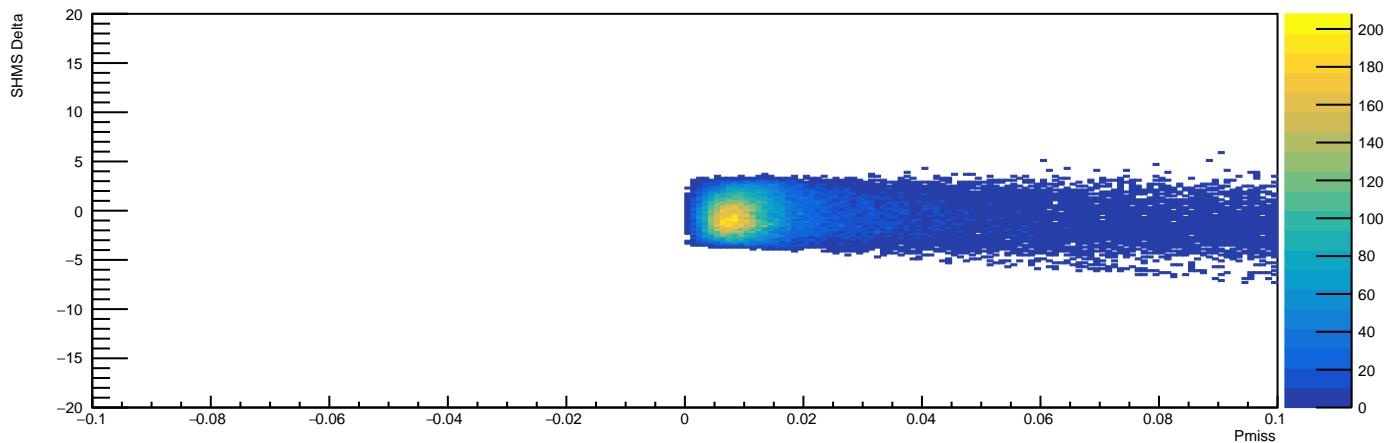
Emiss vs SHMS Delta



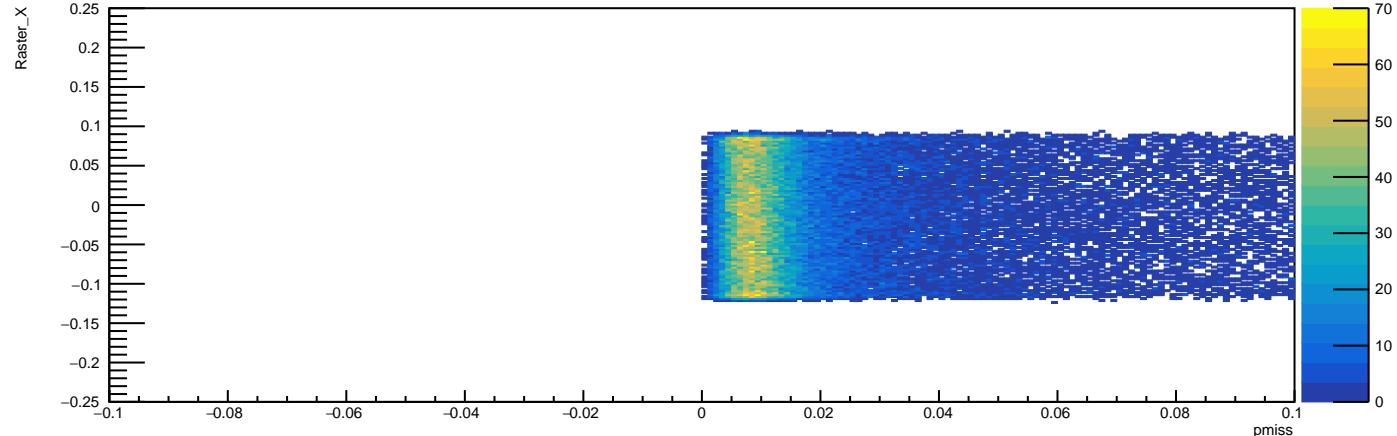
Pmiss vs HMS Delta



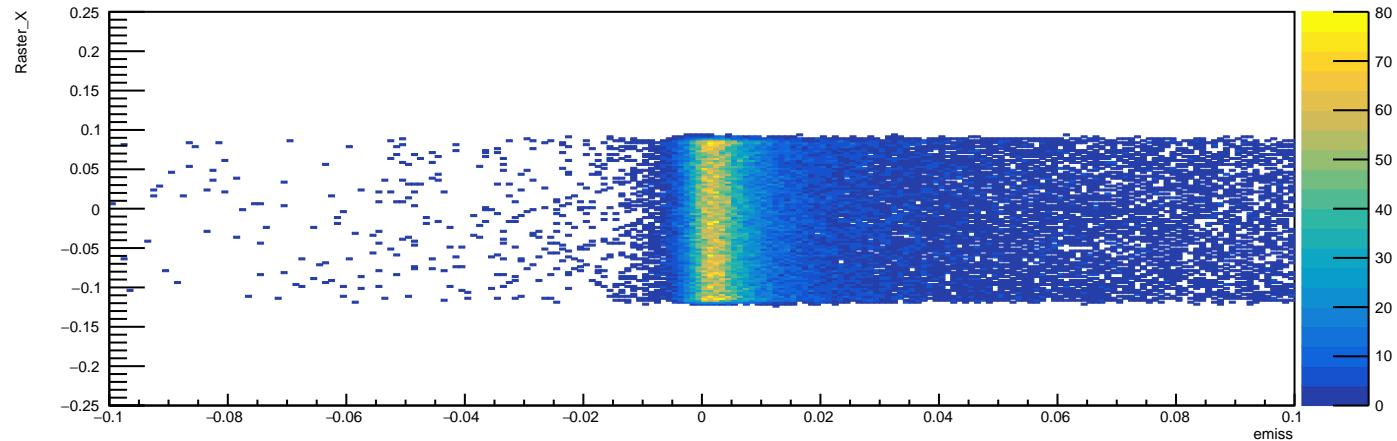
Pmiss vs SHMS Delta



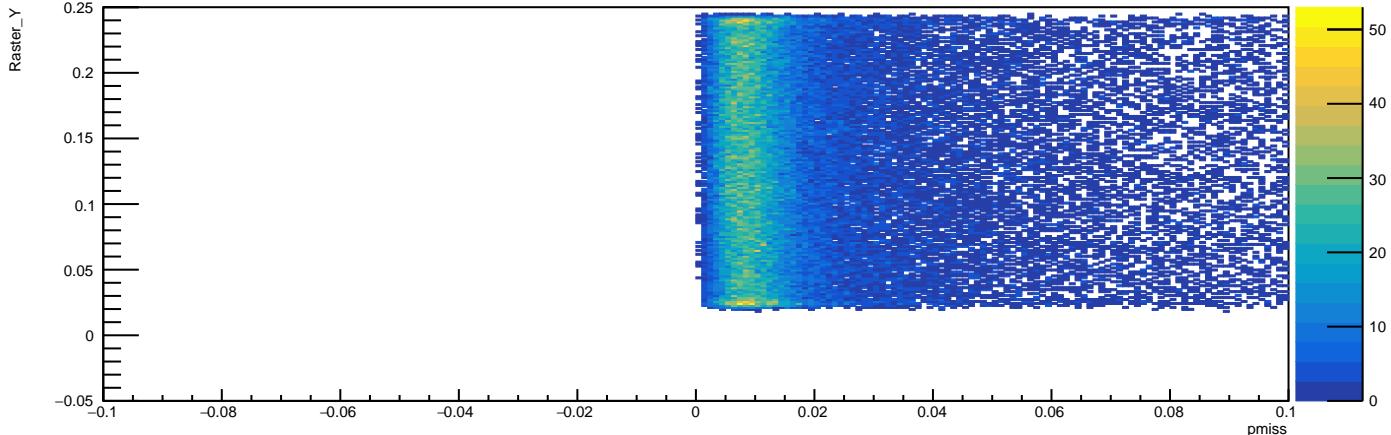
Raster_X vs pmiss



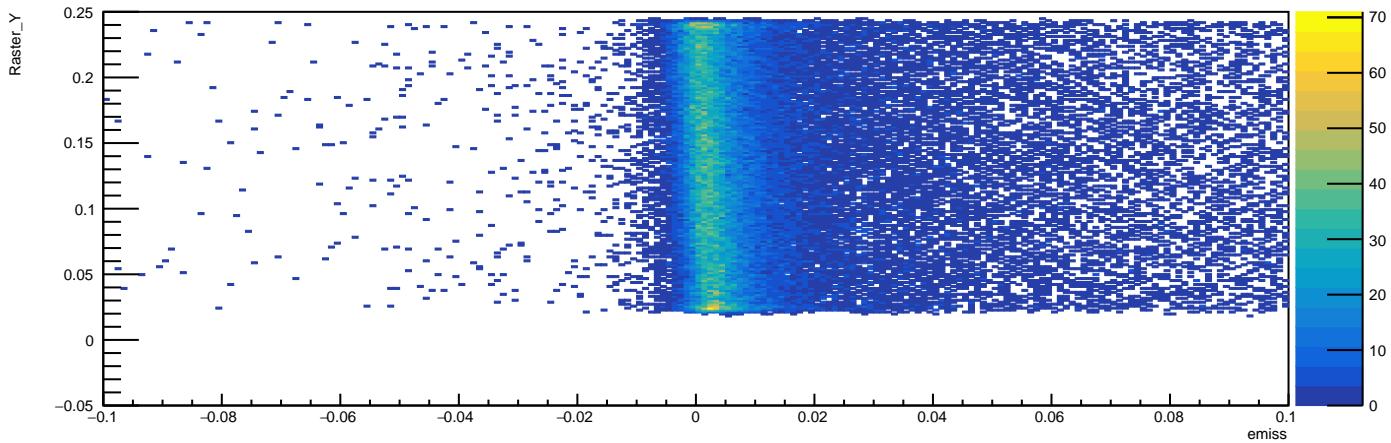
Raster_X vs emiss



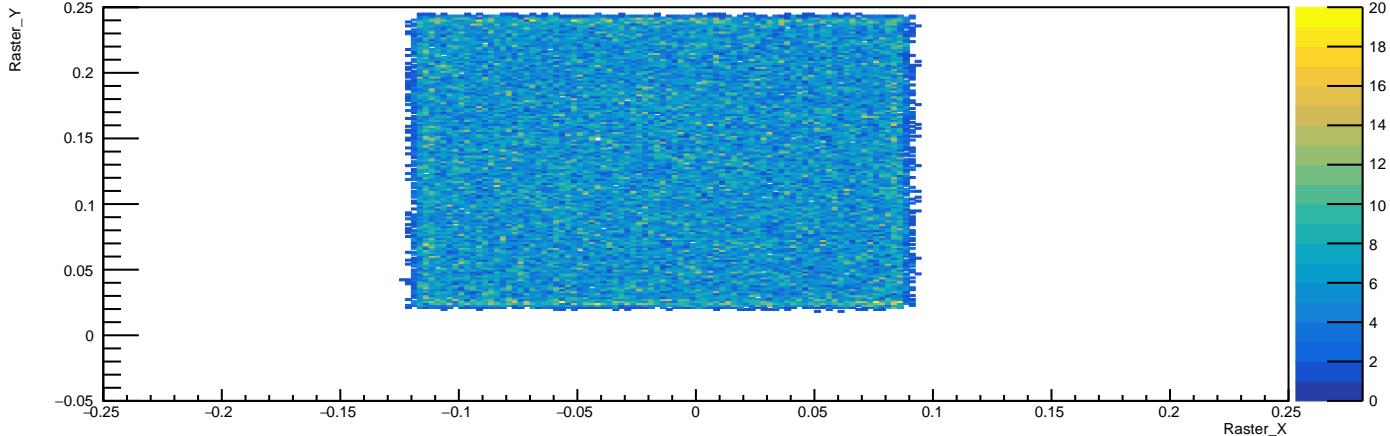
Raster_Y vs pmiss



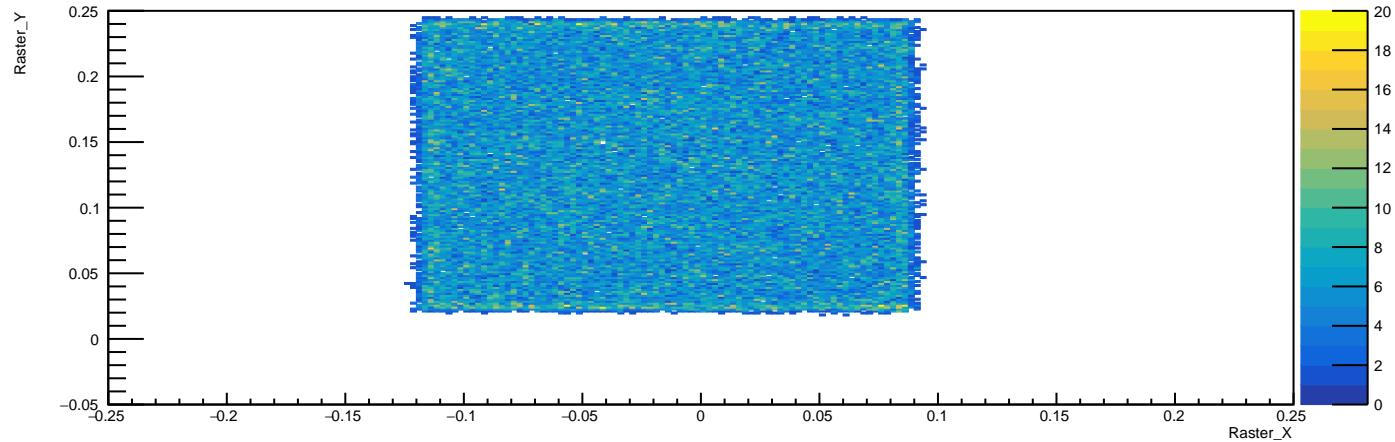
Raster_Y vs emiss



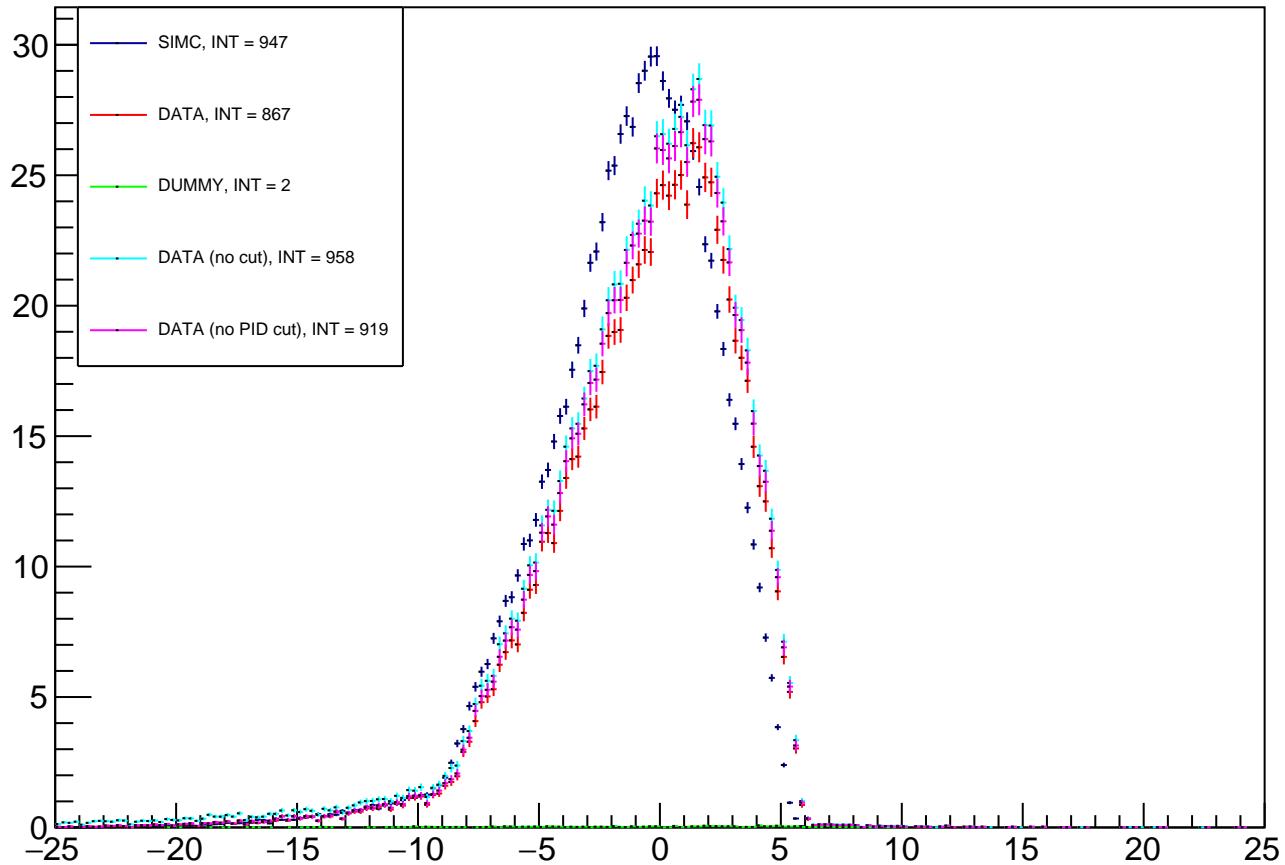
Raster_X vs Raster_Y



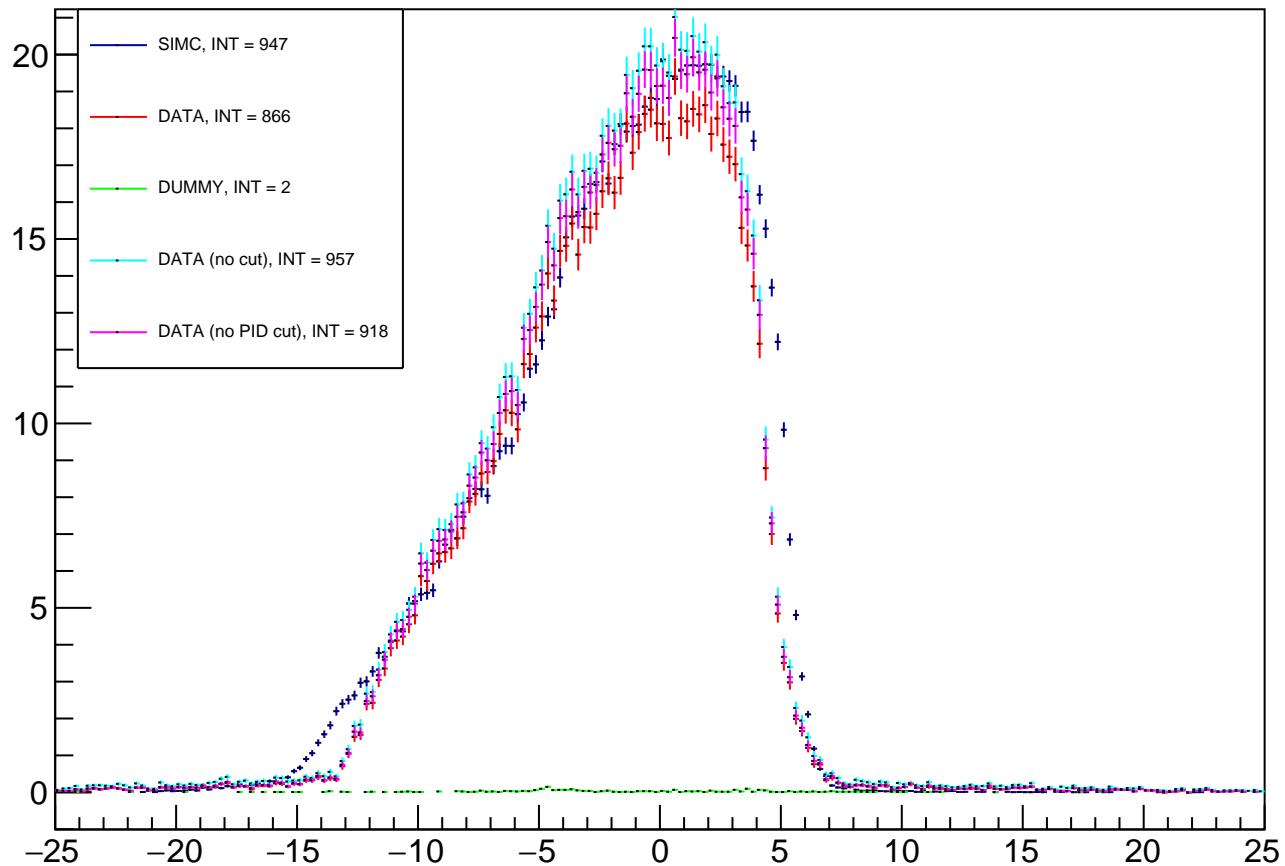
Raster_X vs Raster_Y



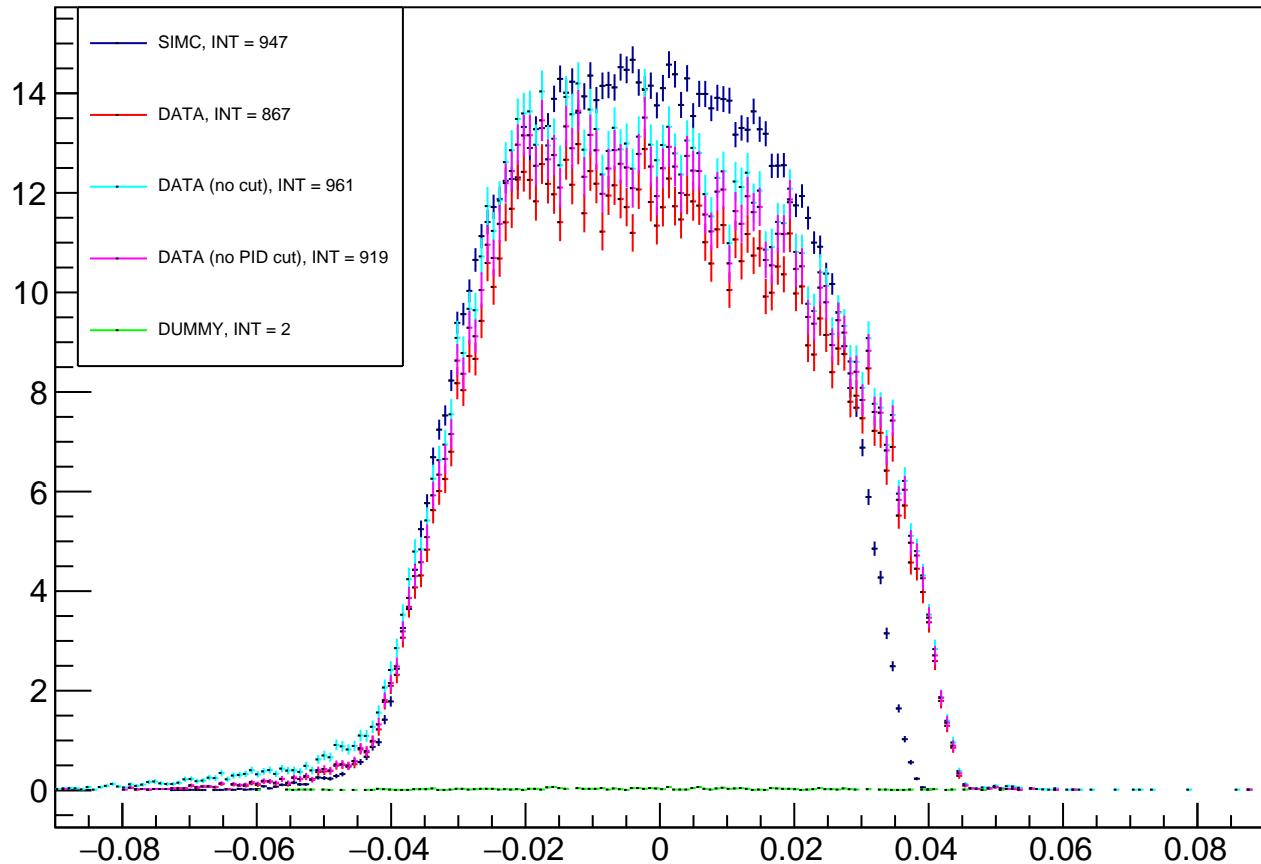
SHMS xfp



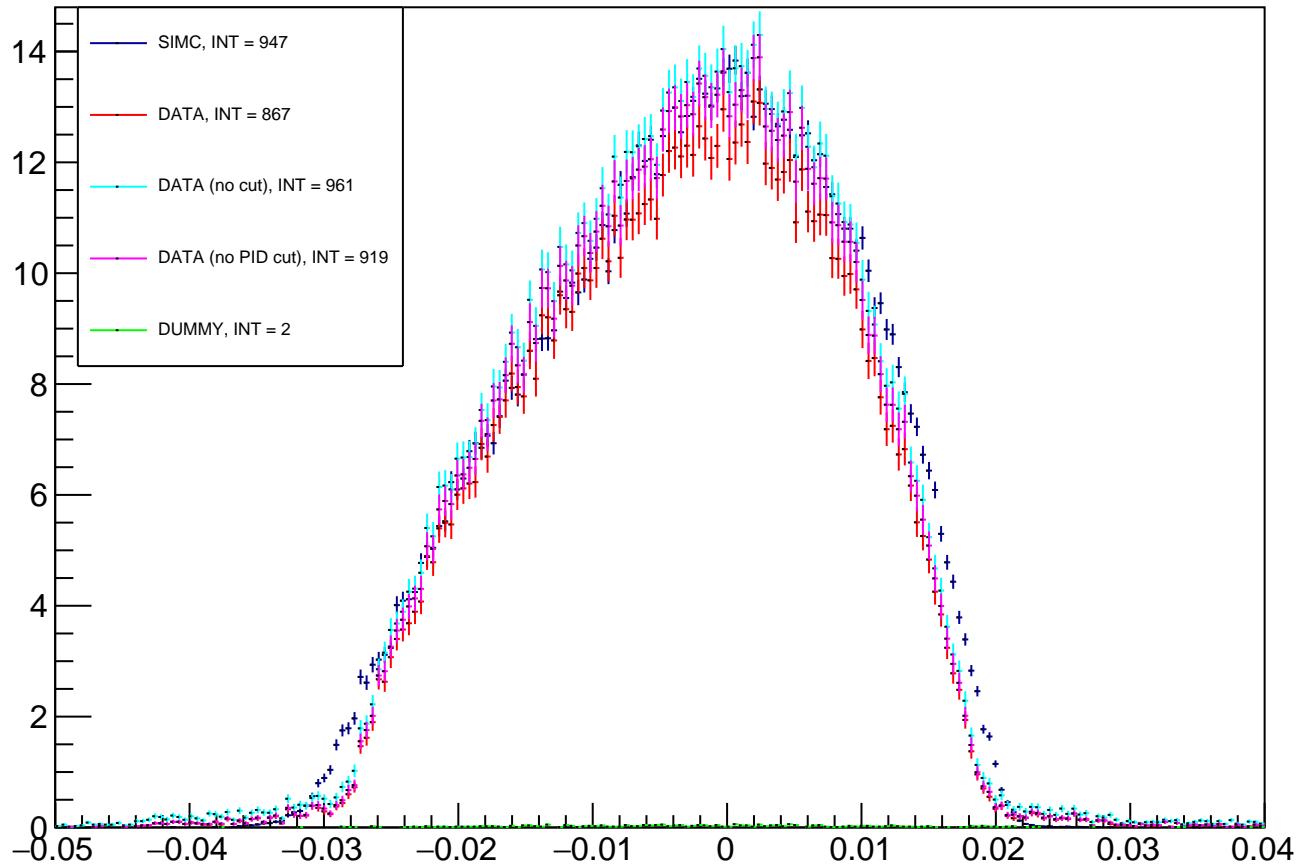
SHMS yfp



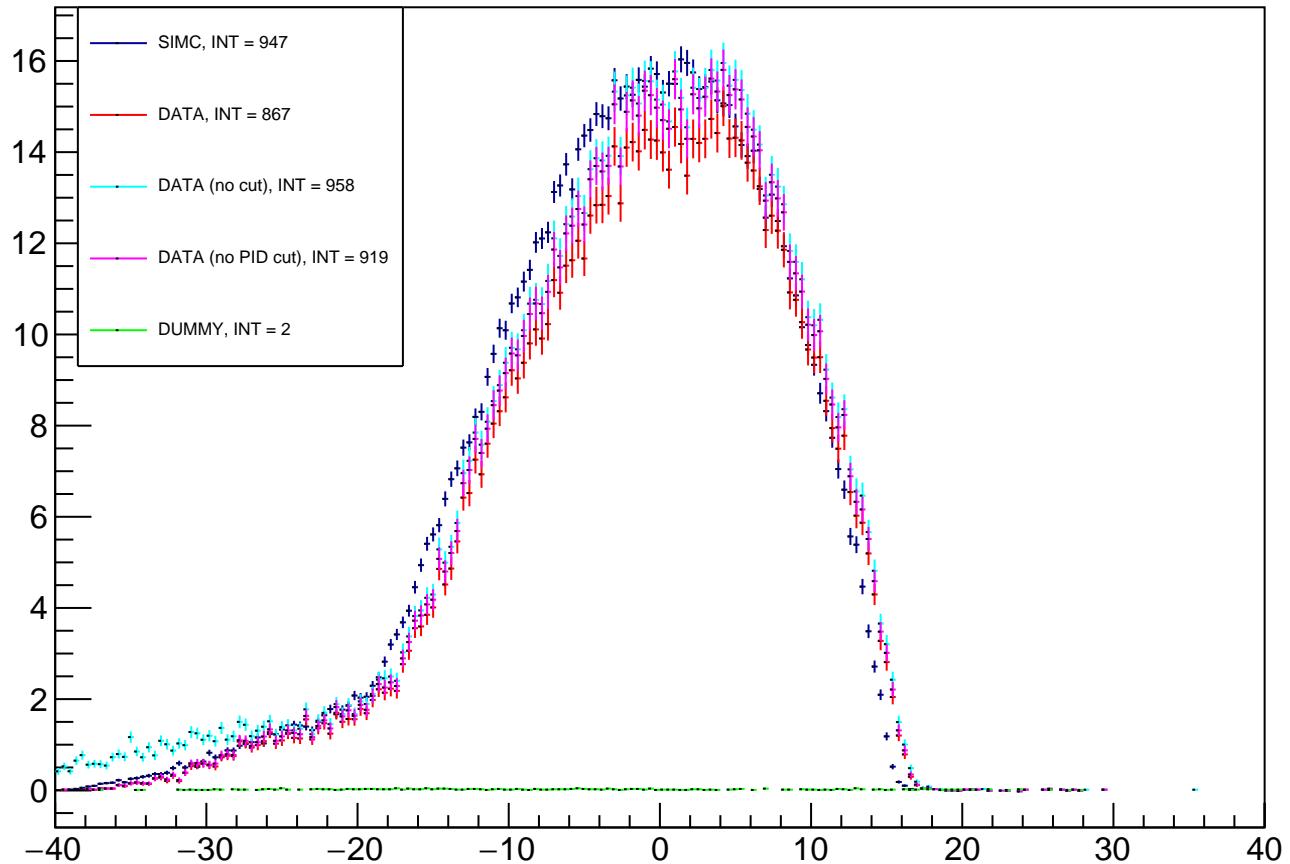
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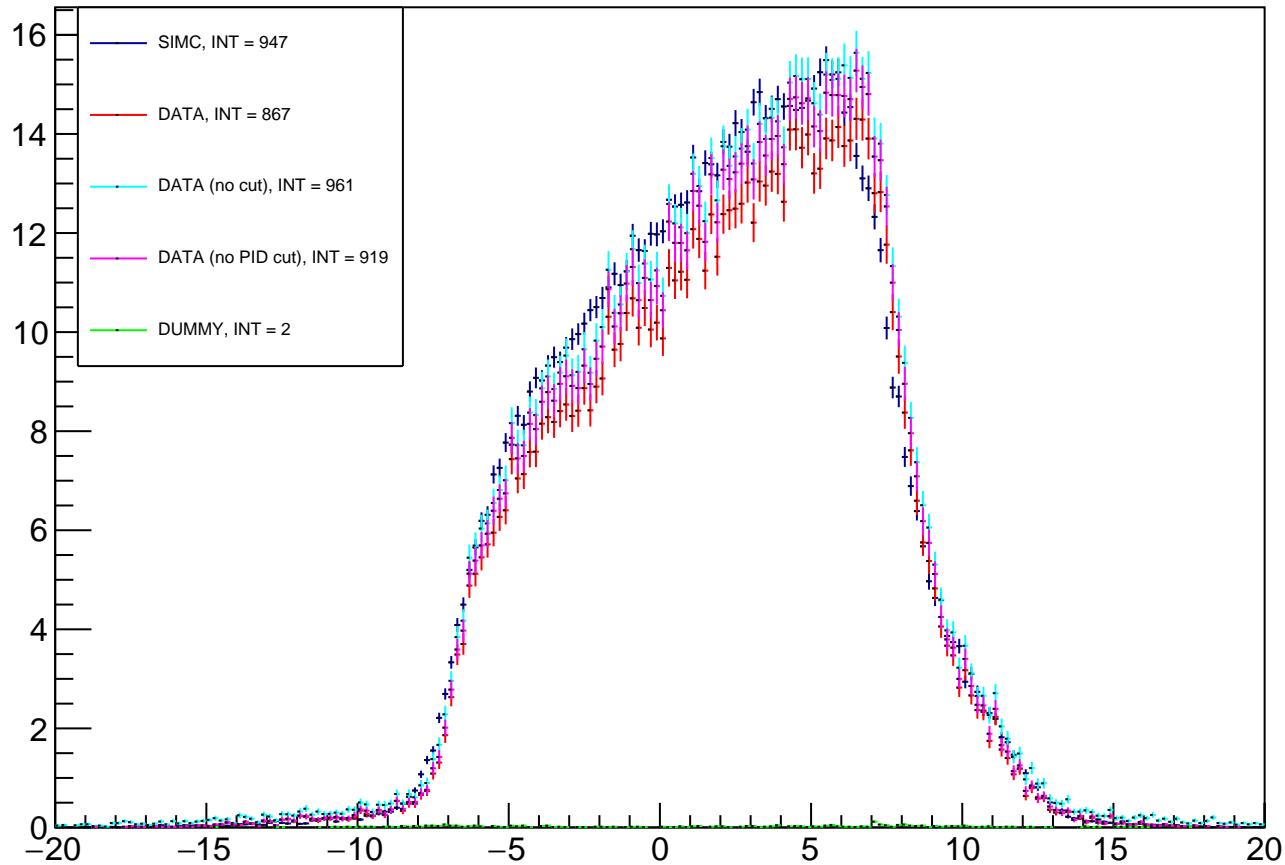
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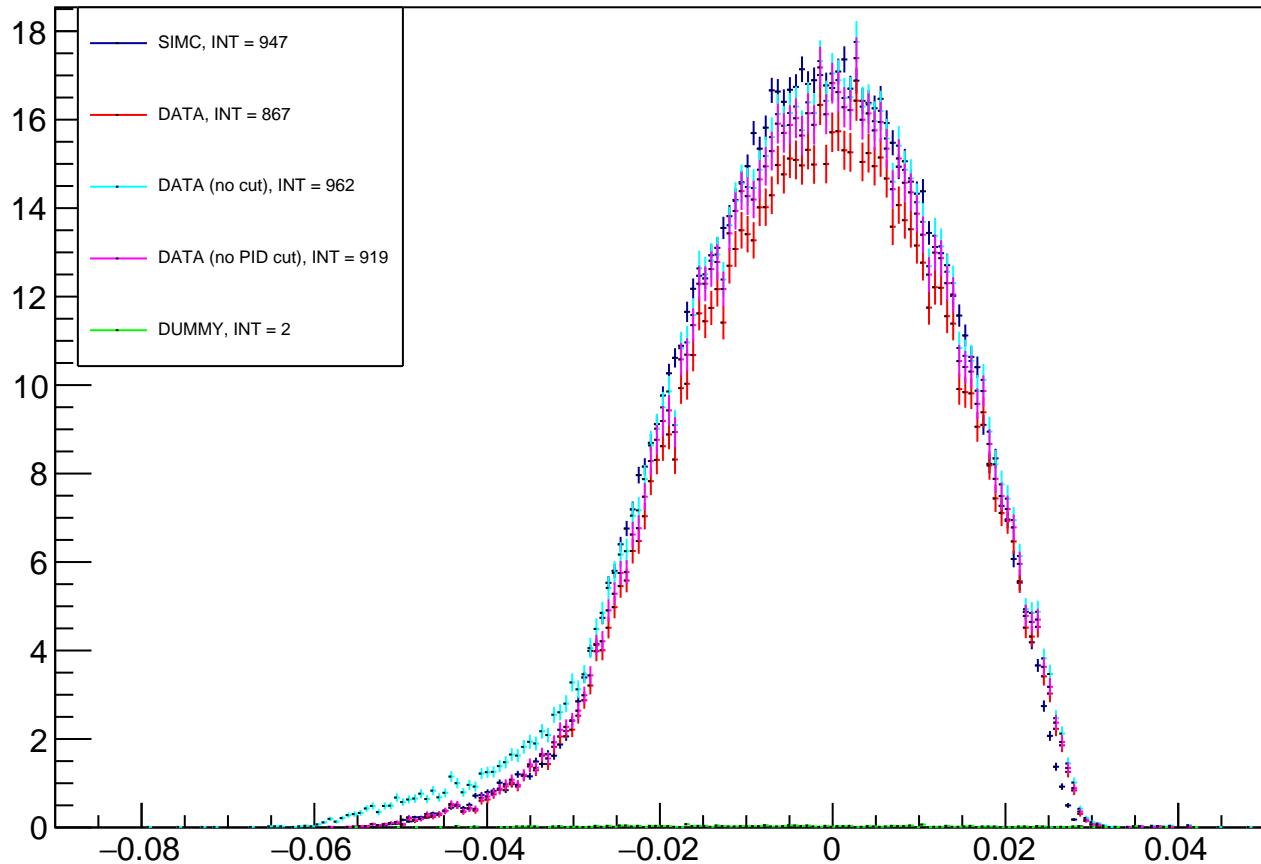
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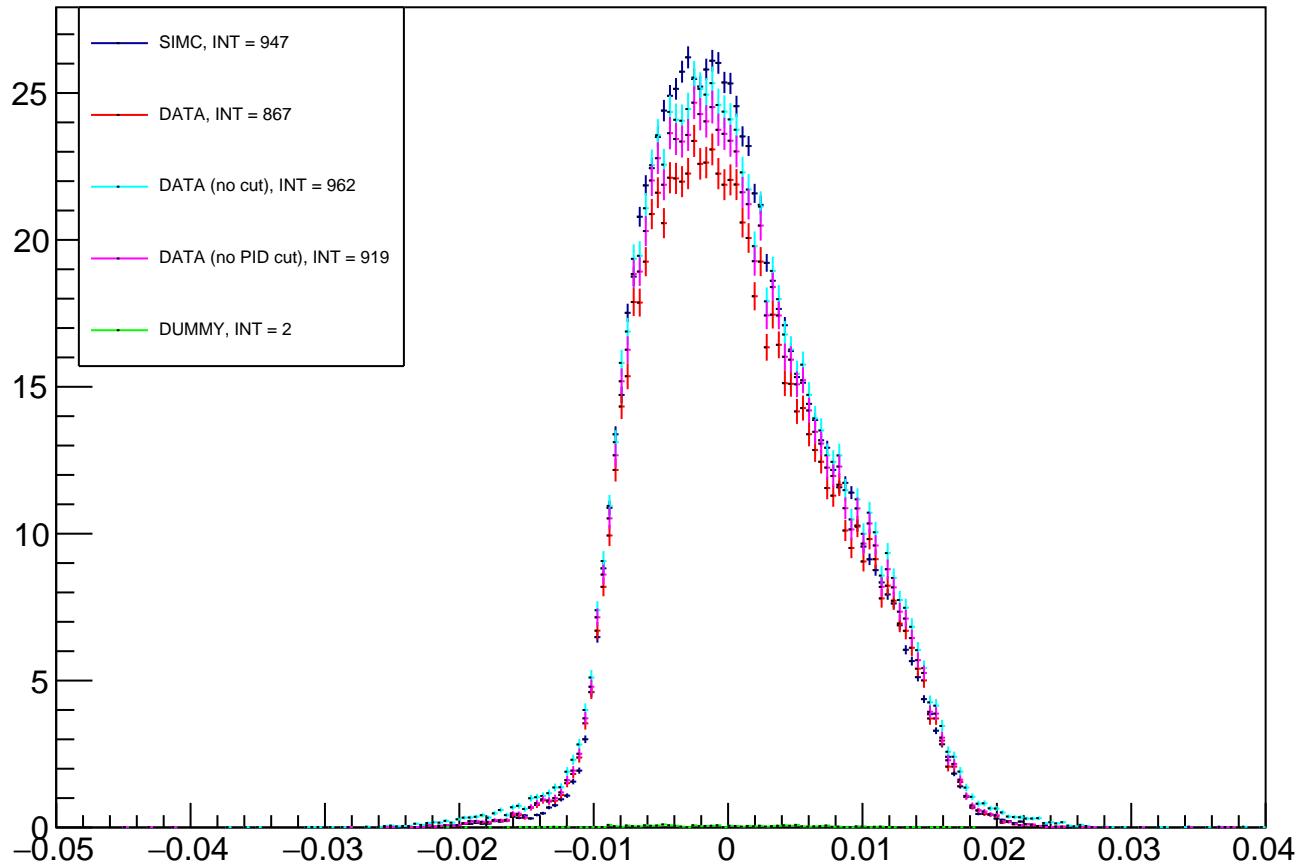
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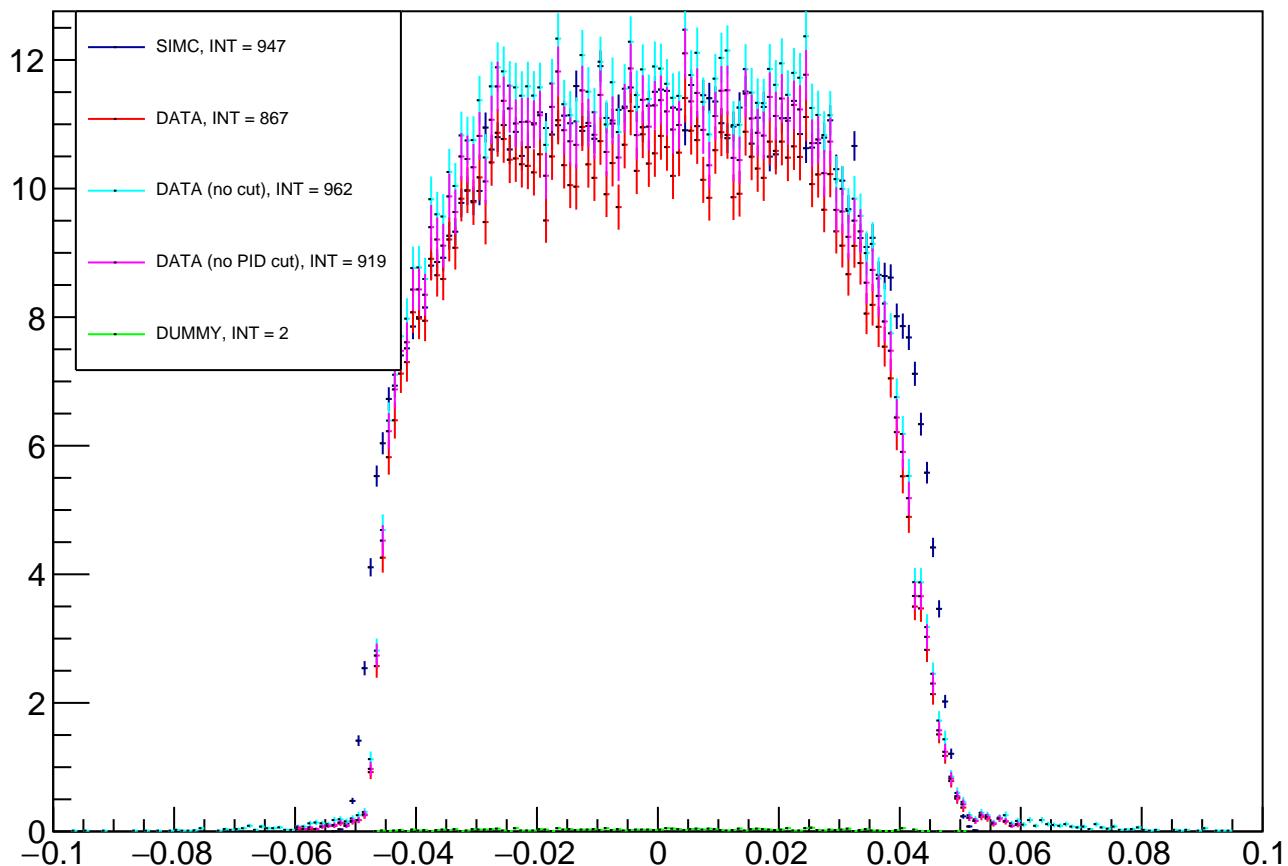
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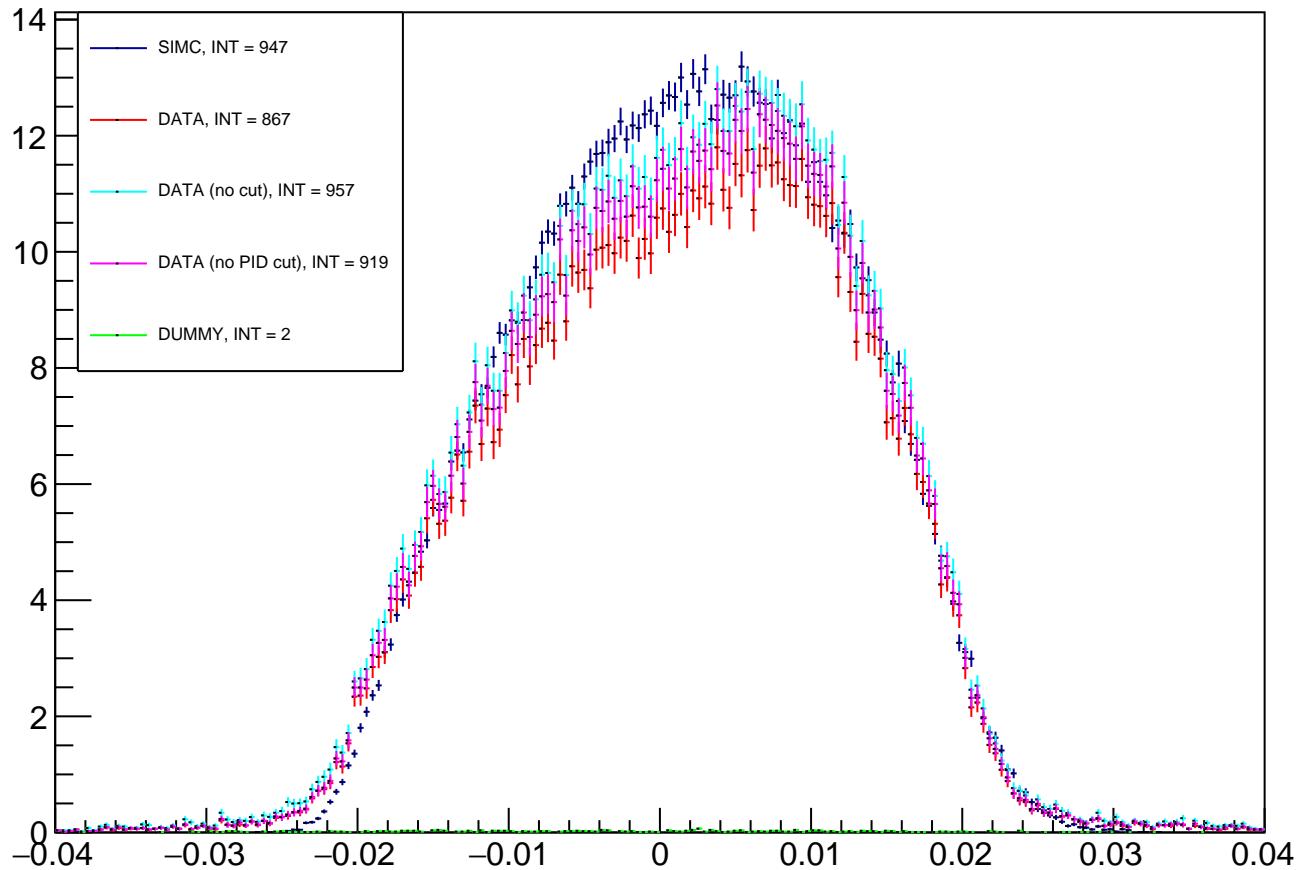
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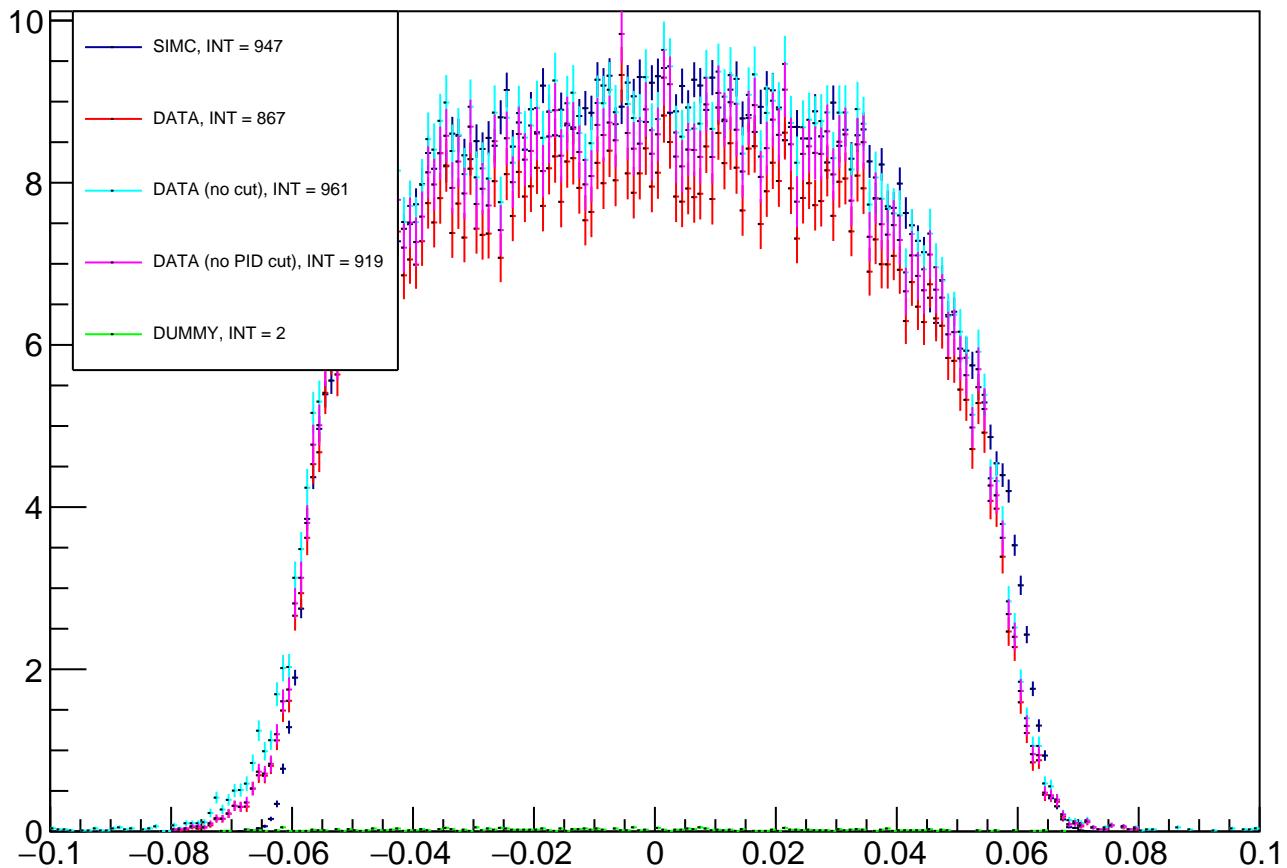
SHMS xptar



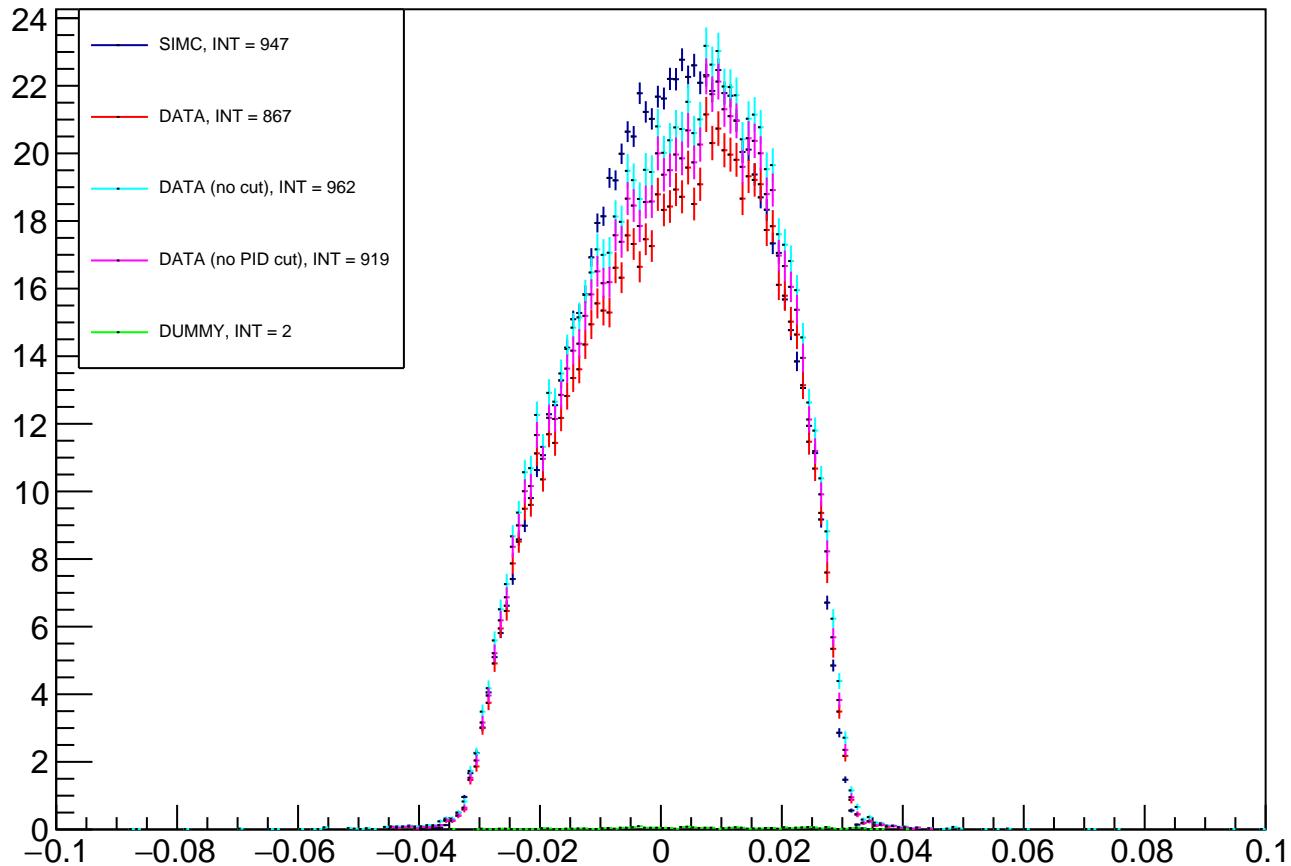
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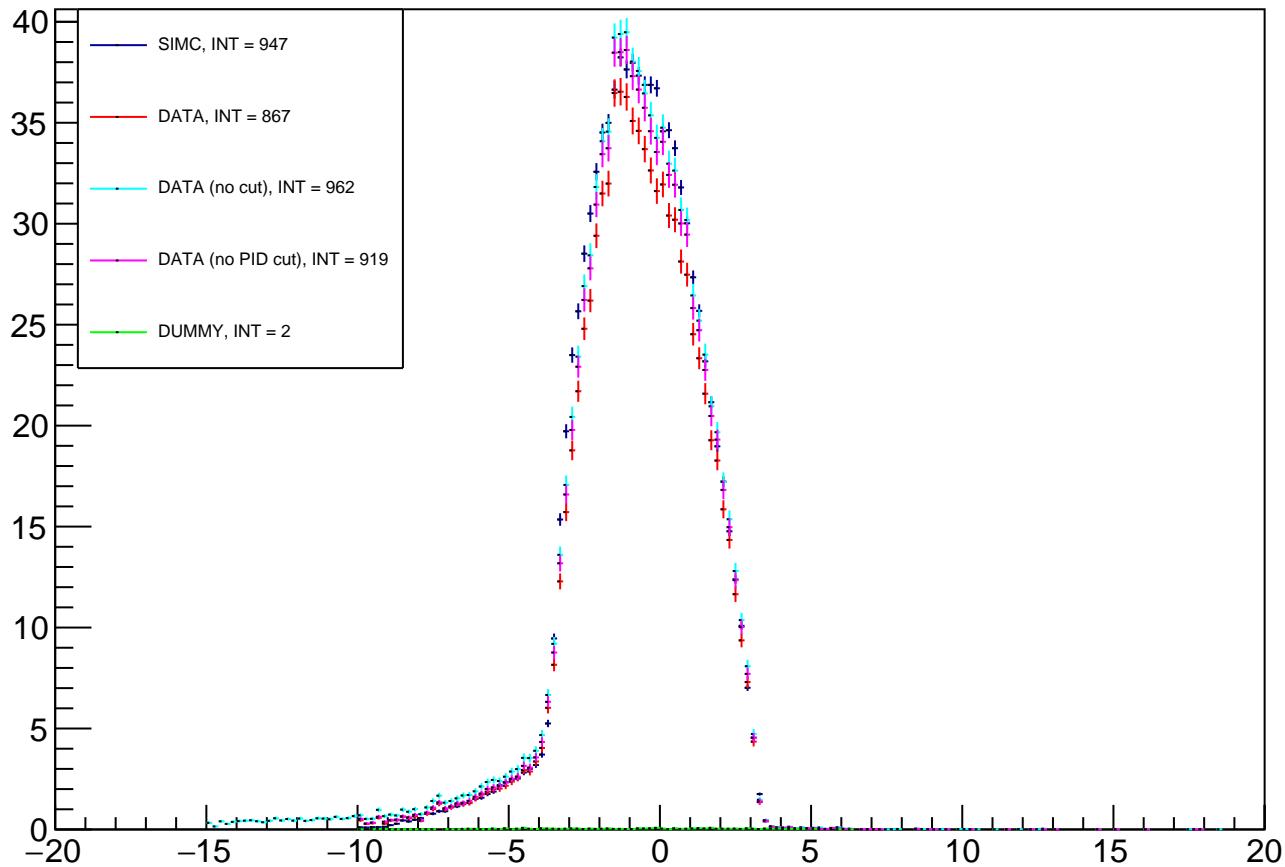
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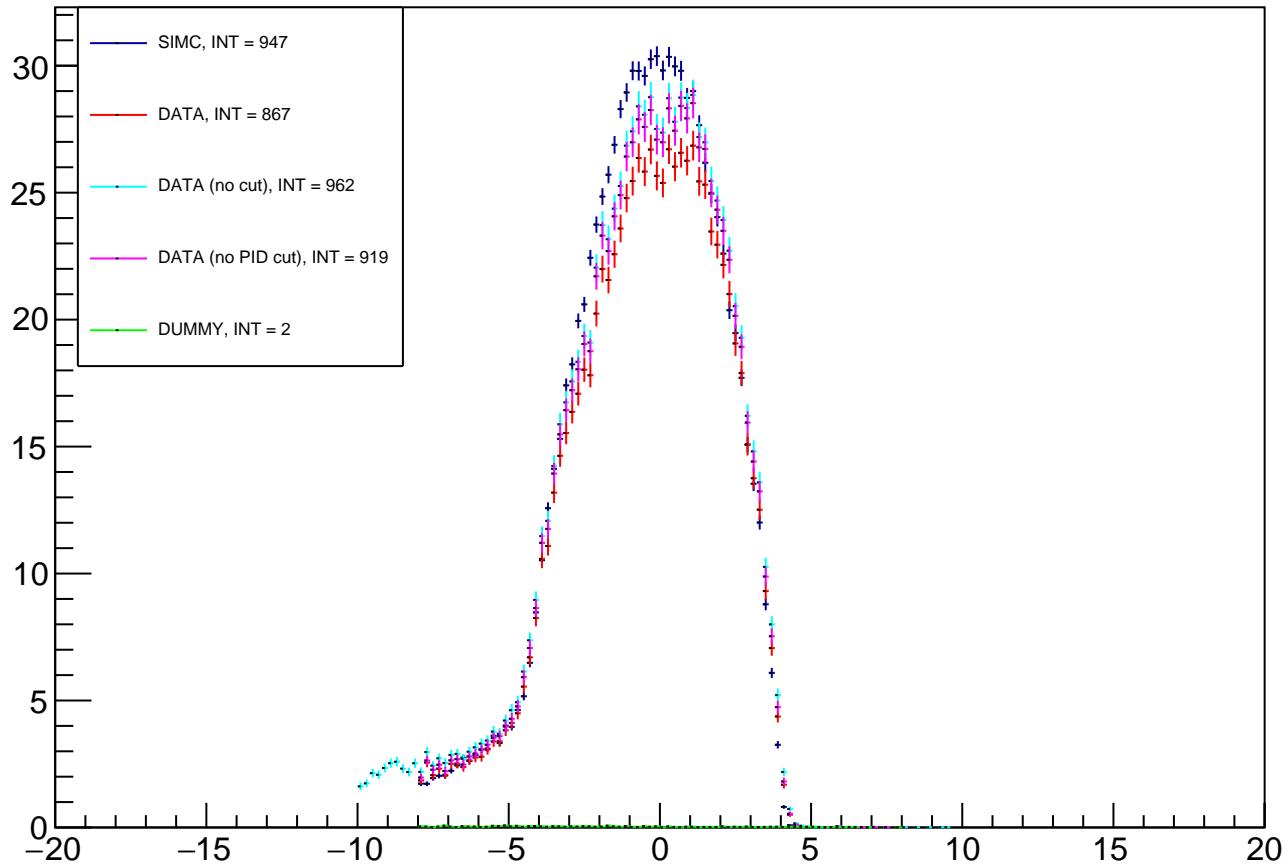
HMS yptar



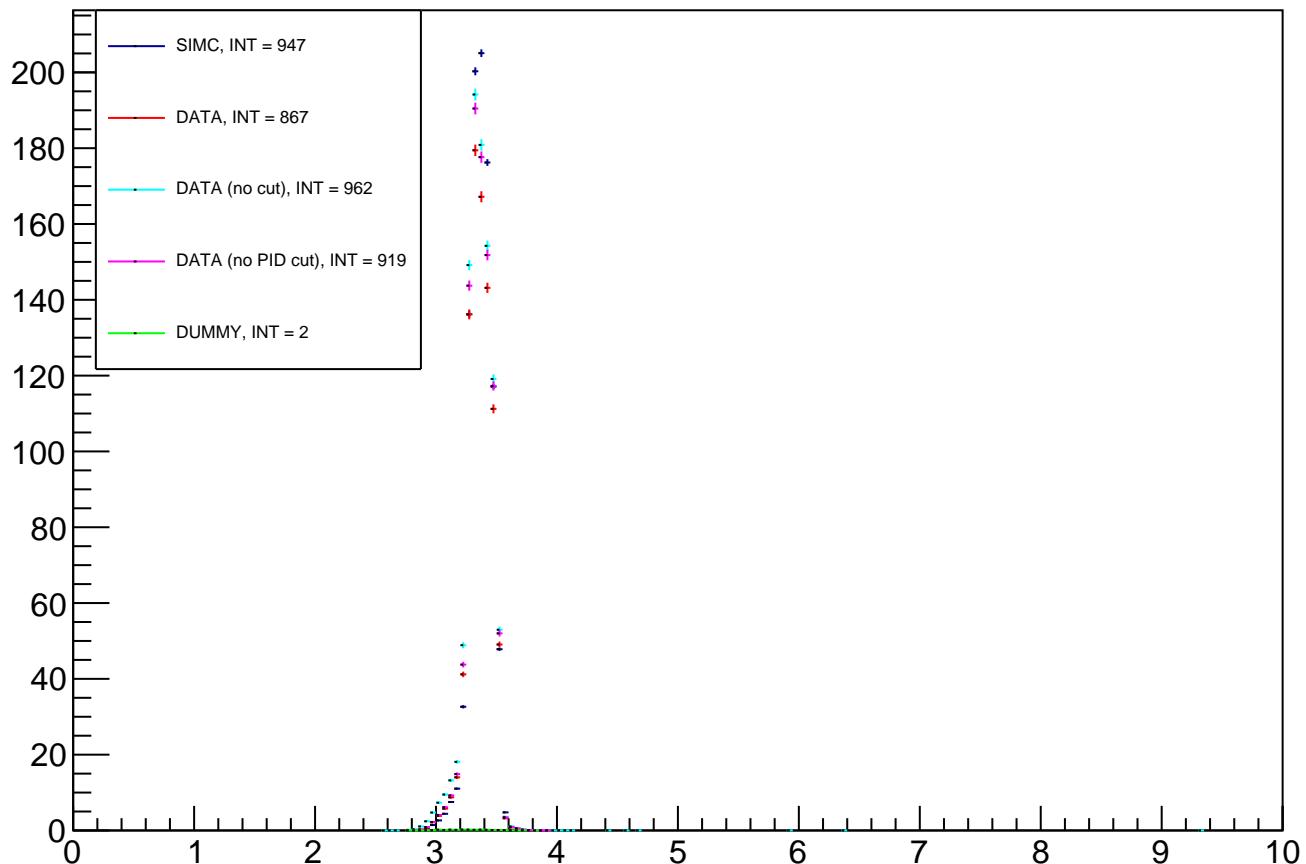
SHMS delta



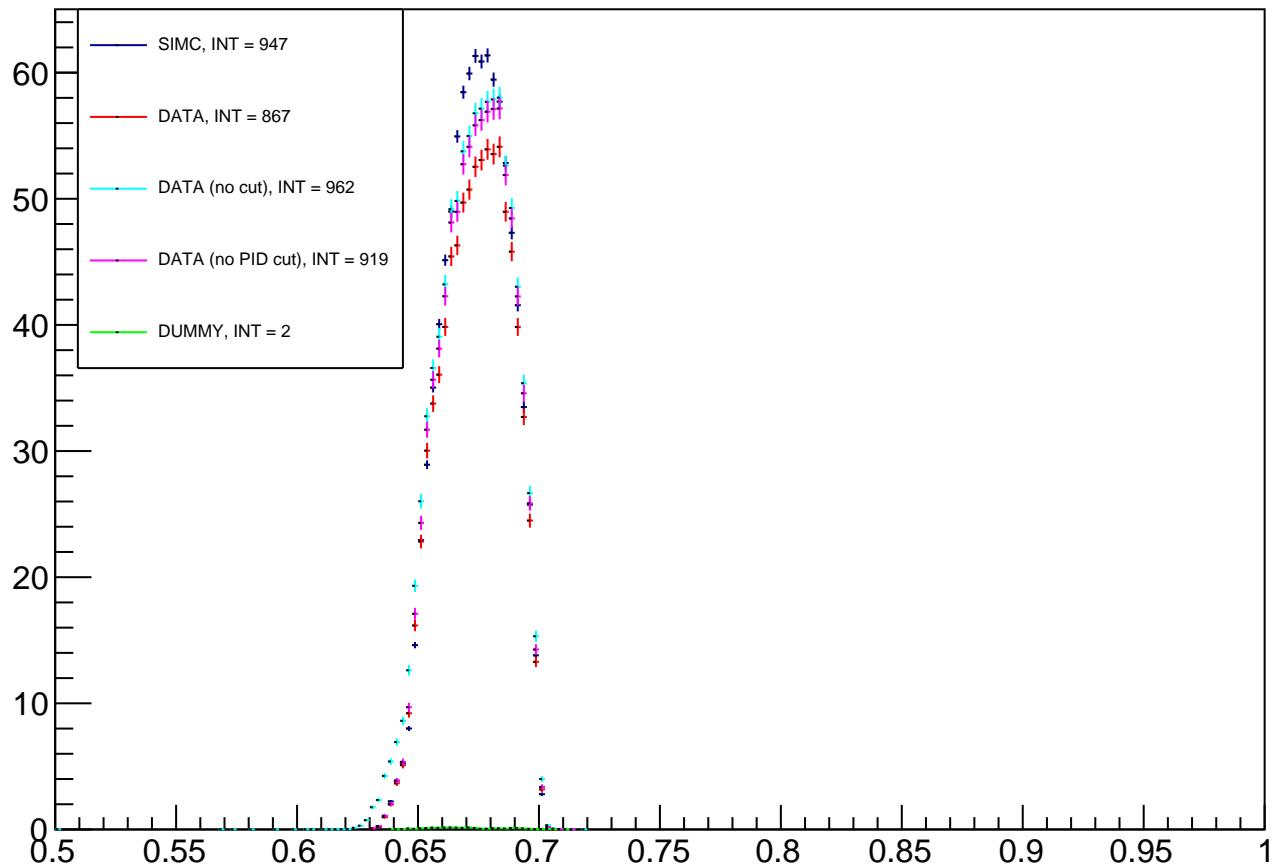
HMS Delta

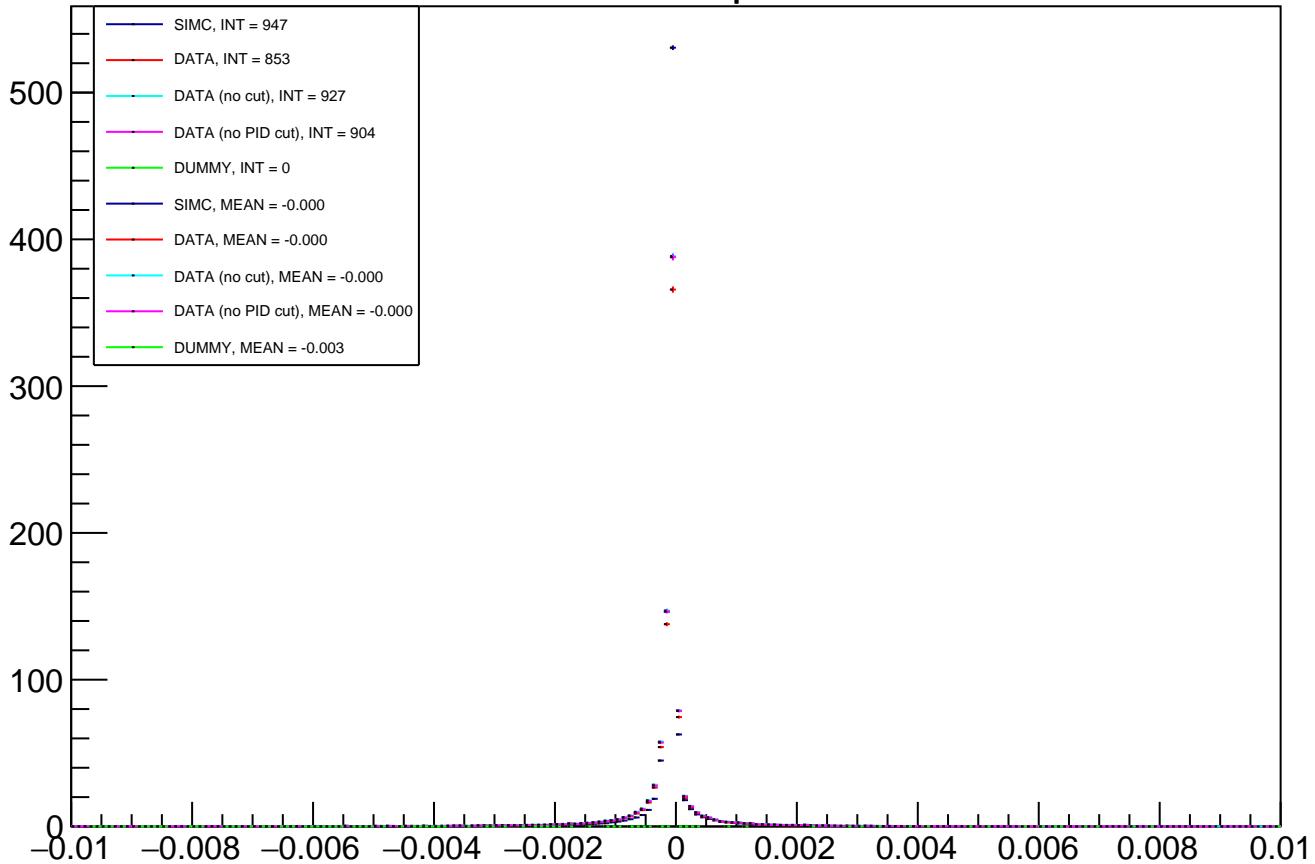


Q2

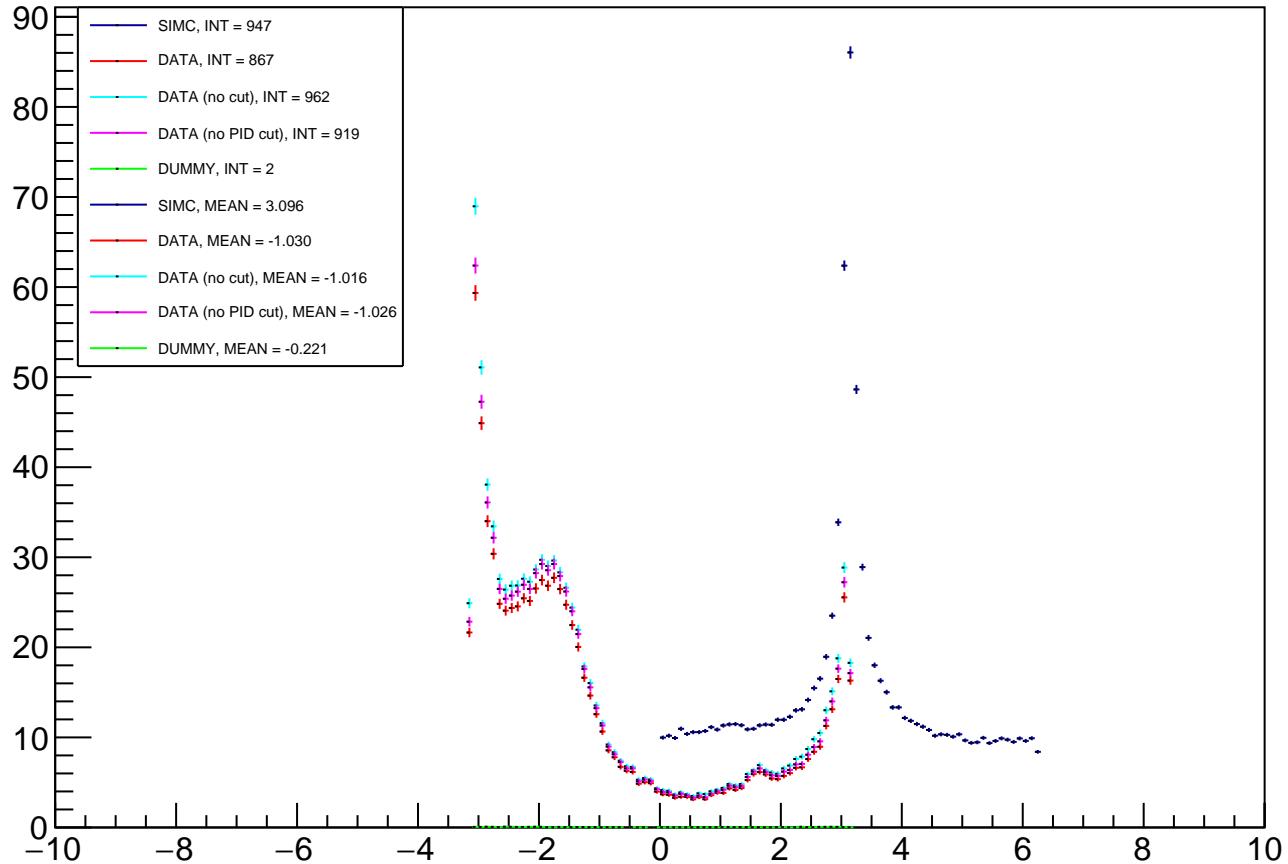


epsilon

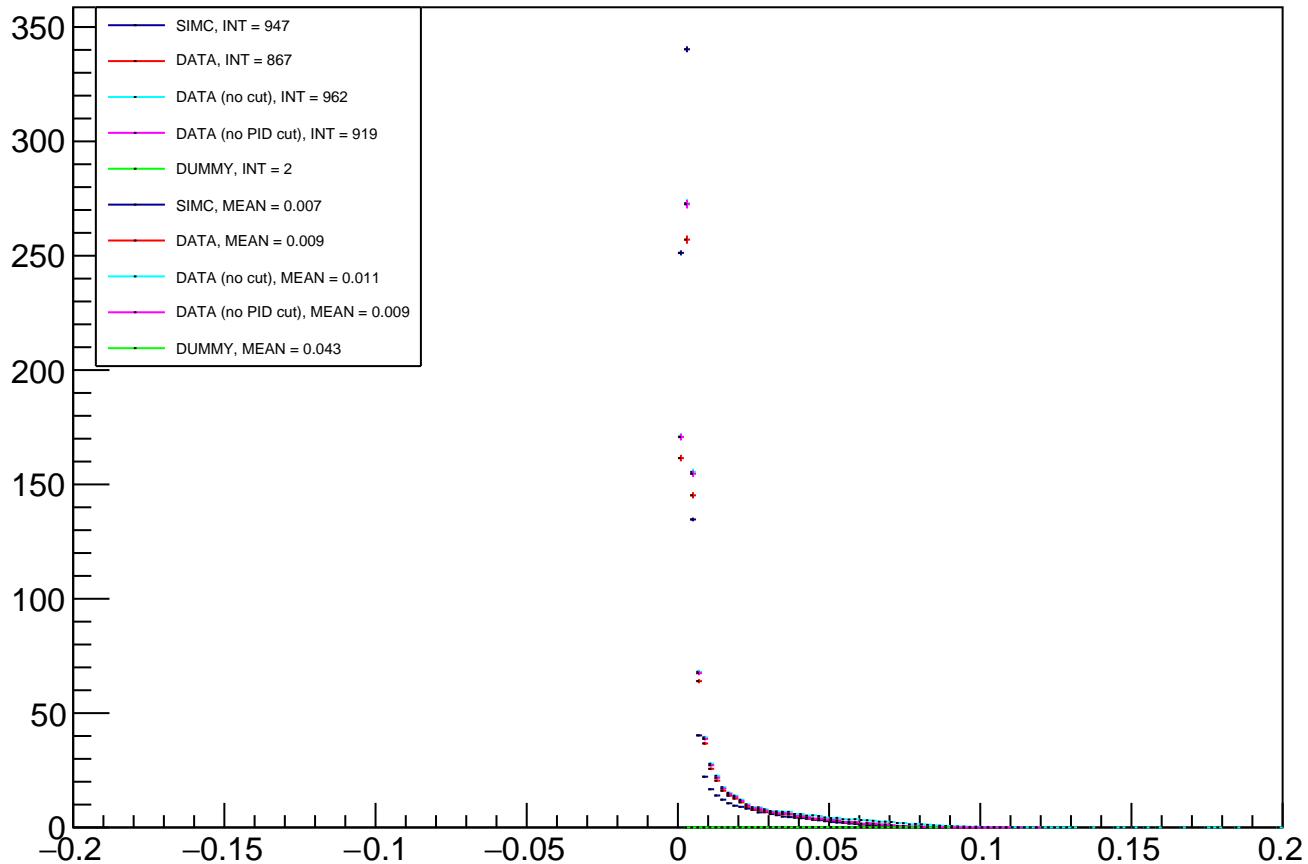


$$(\mathbf{M}\mathbf{M})_p^2$$


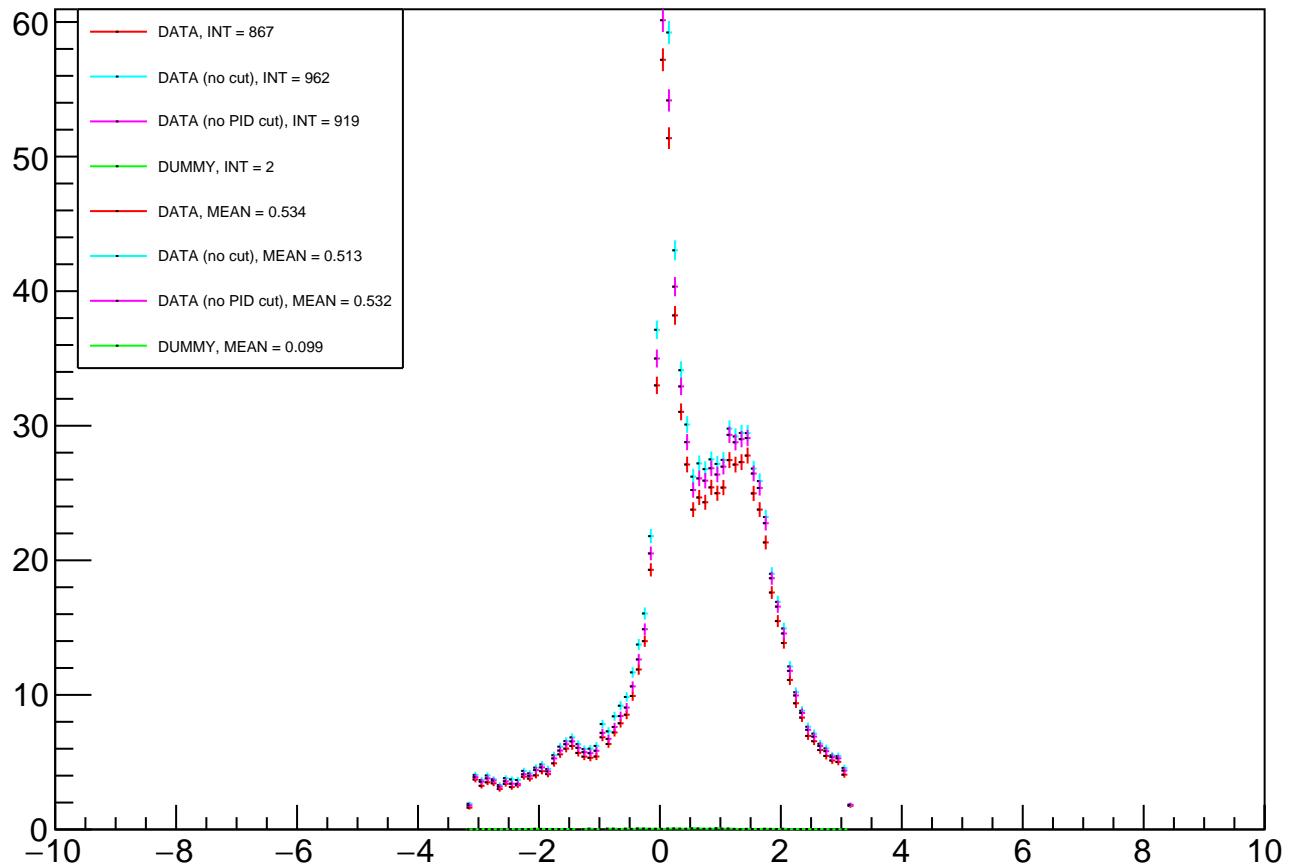
Phi Detected



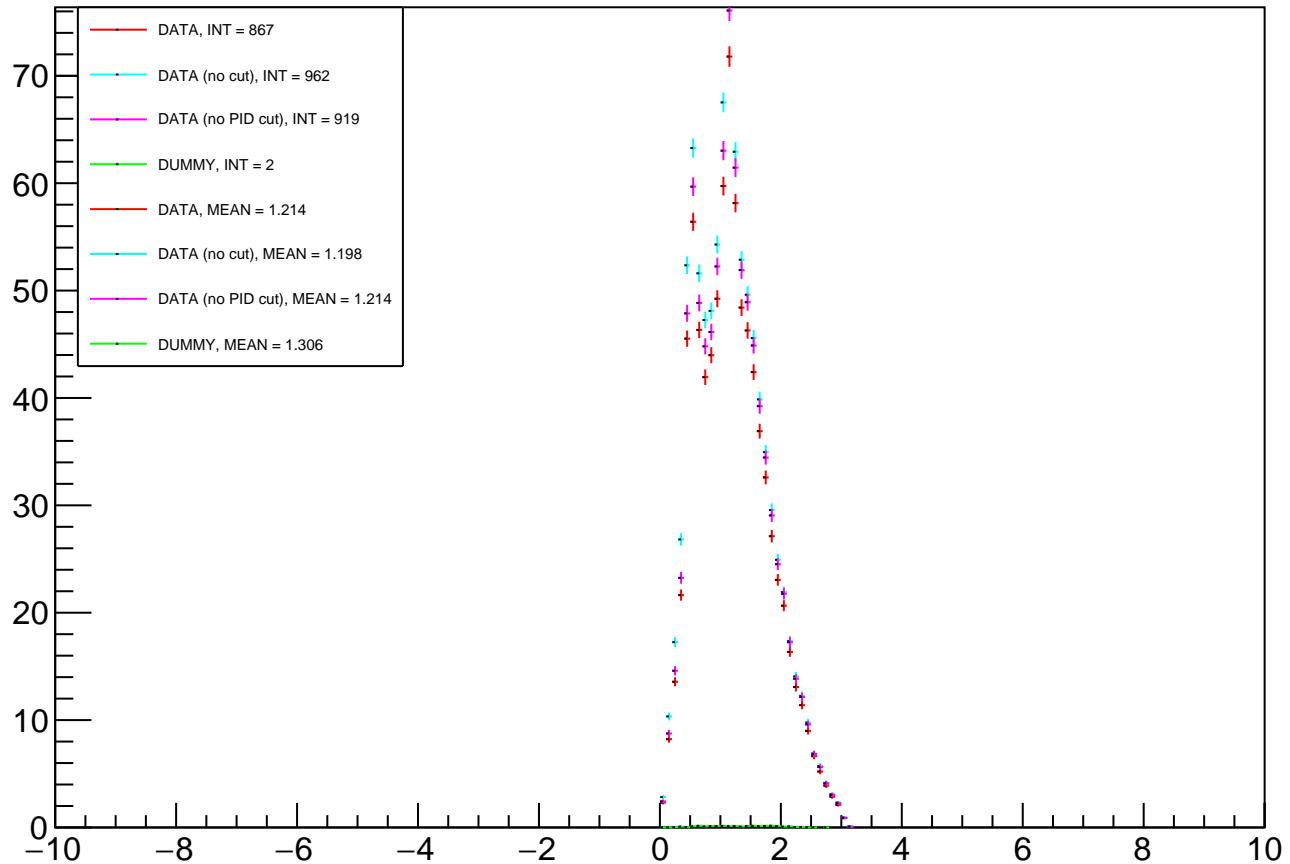
Theta Detected



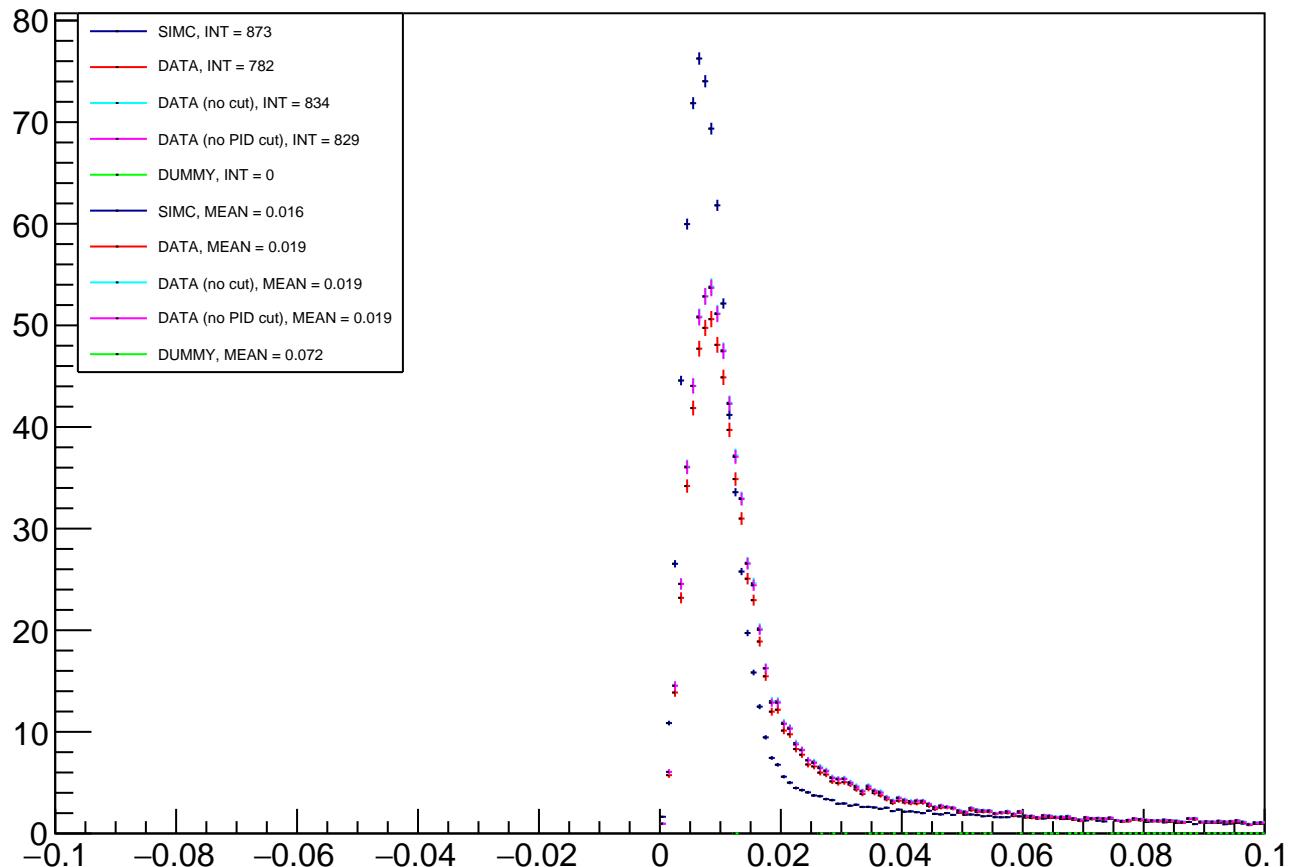
Phi Recoil



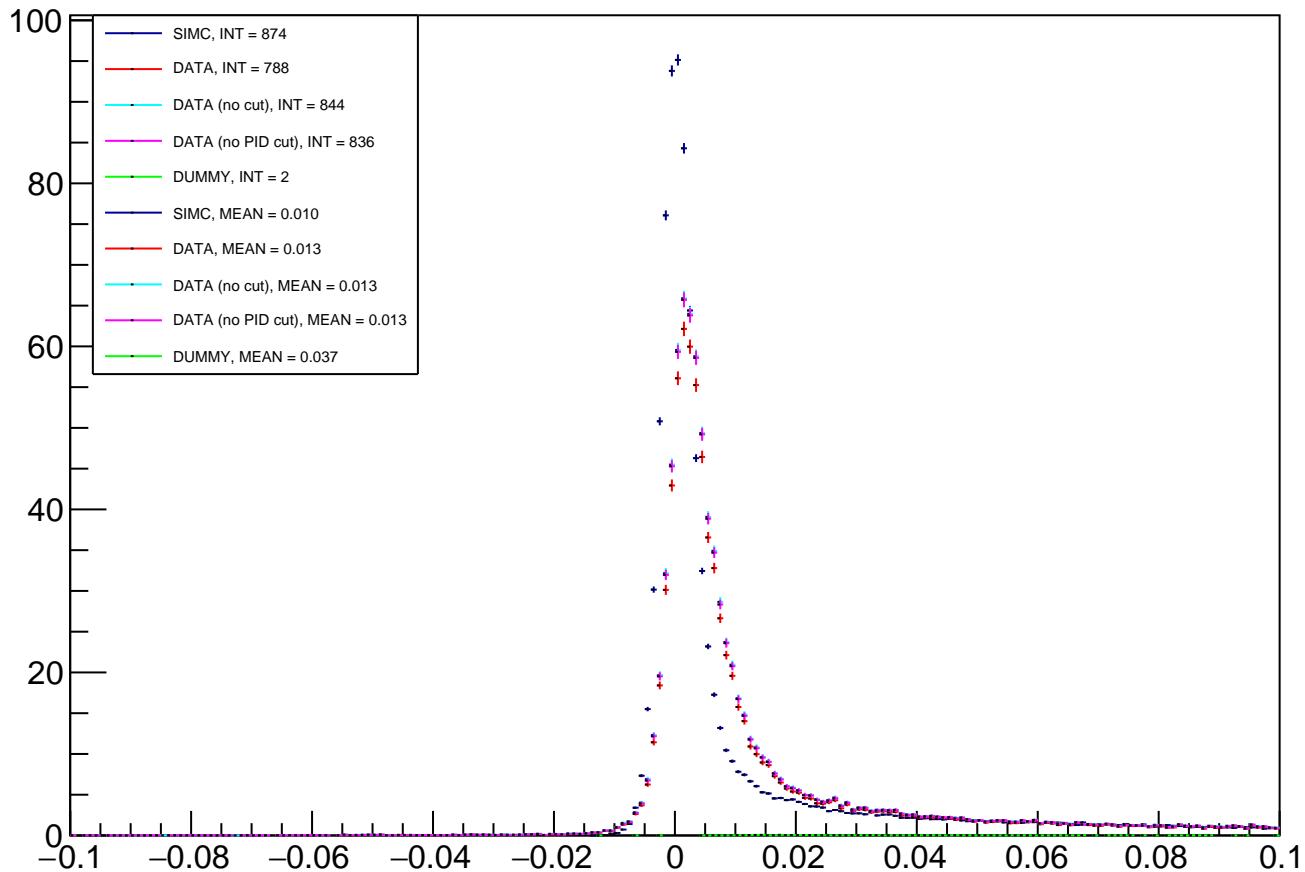
Theta Recoil



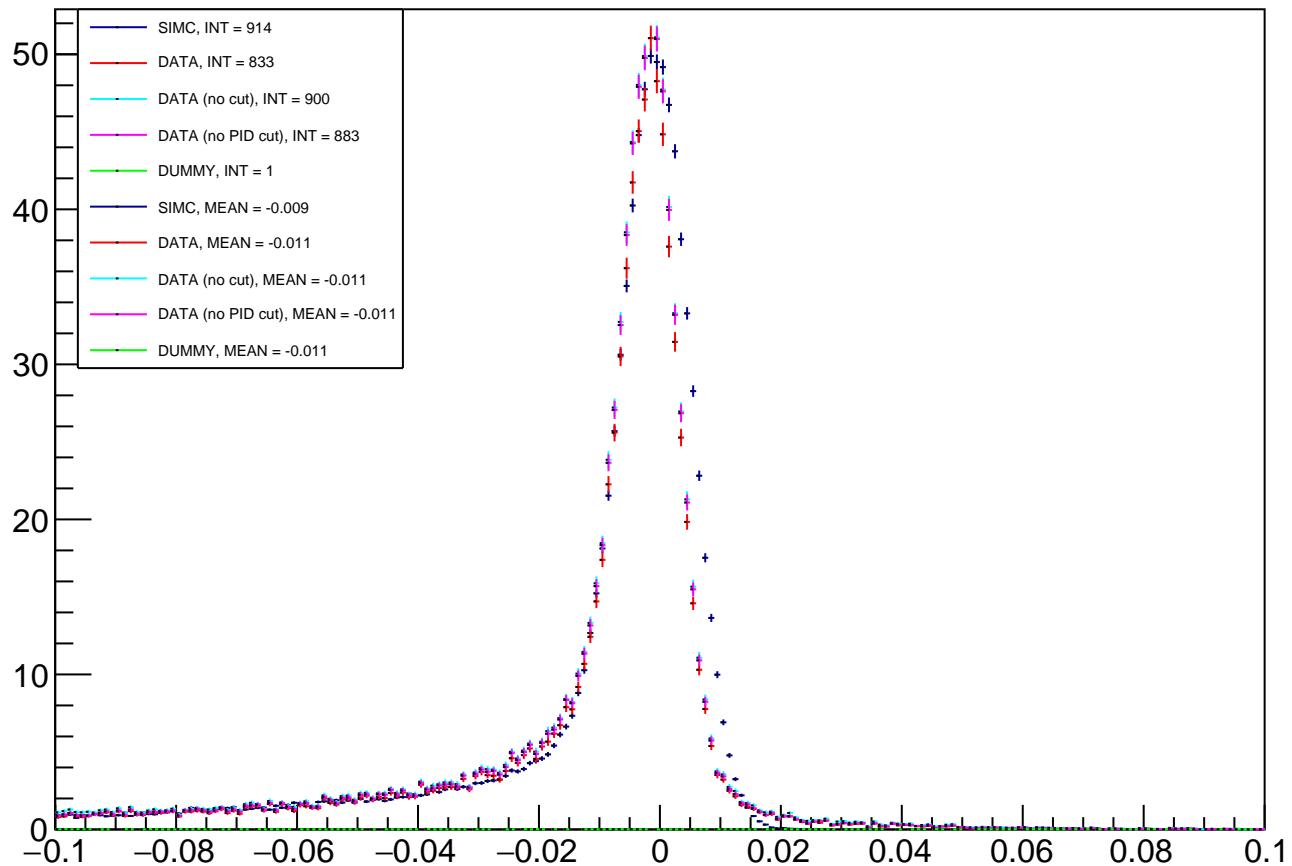
pmiss



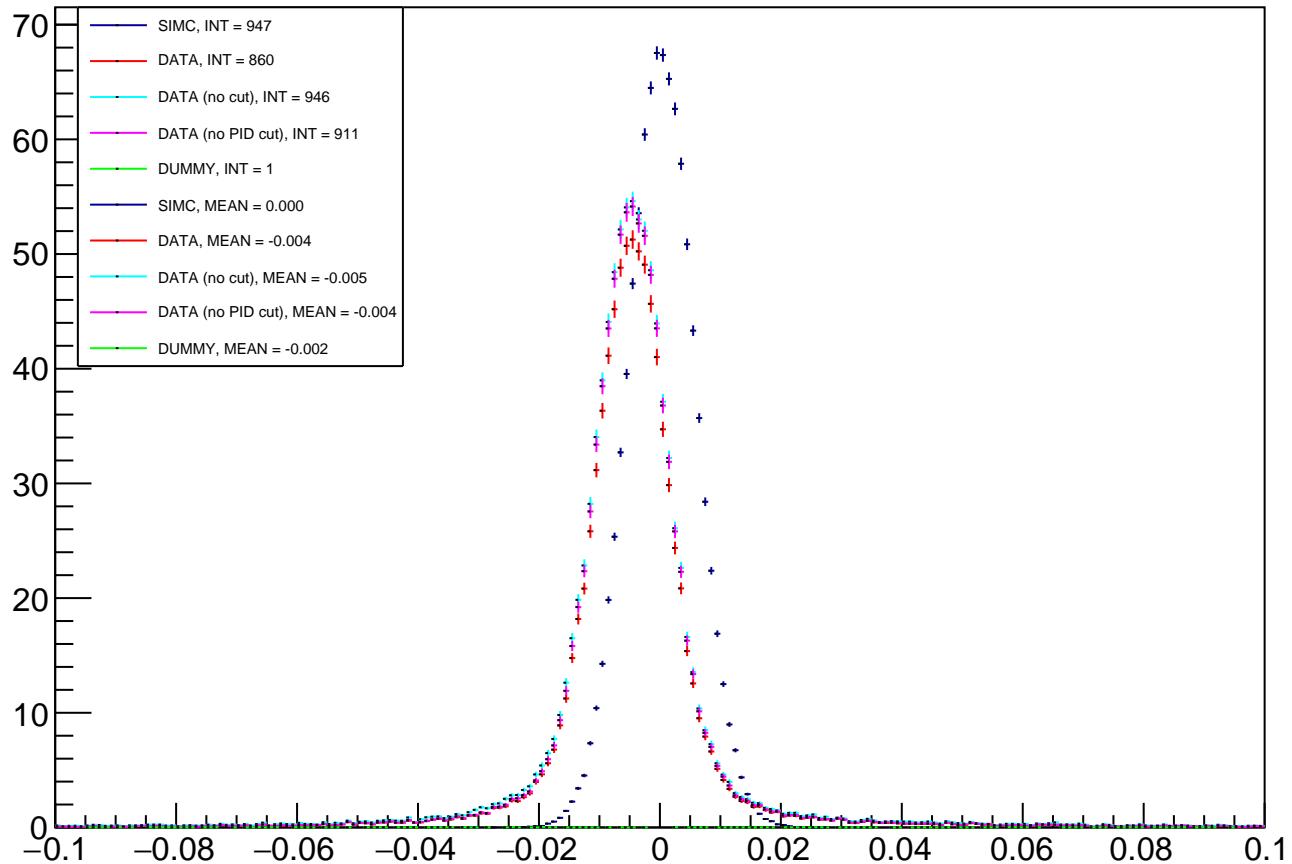
emiss



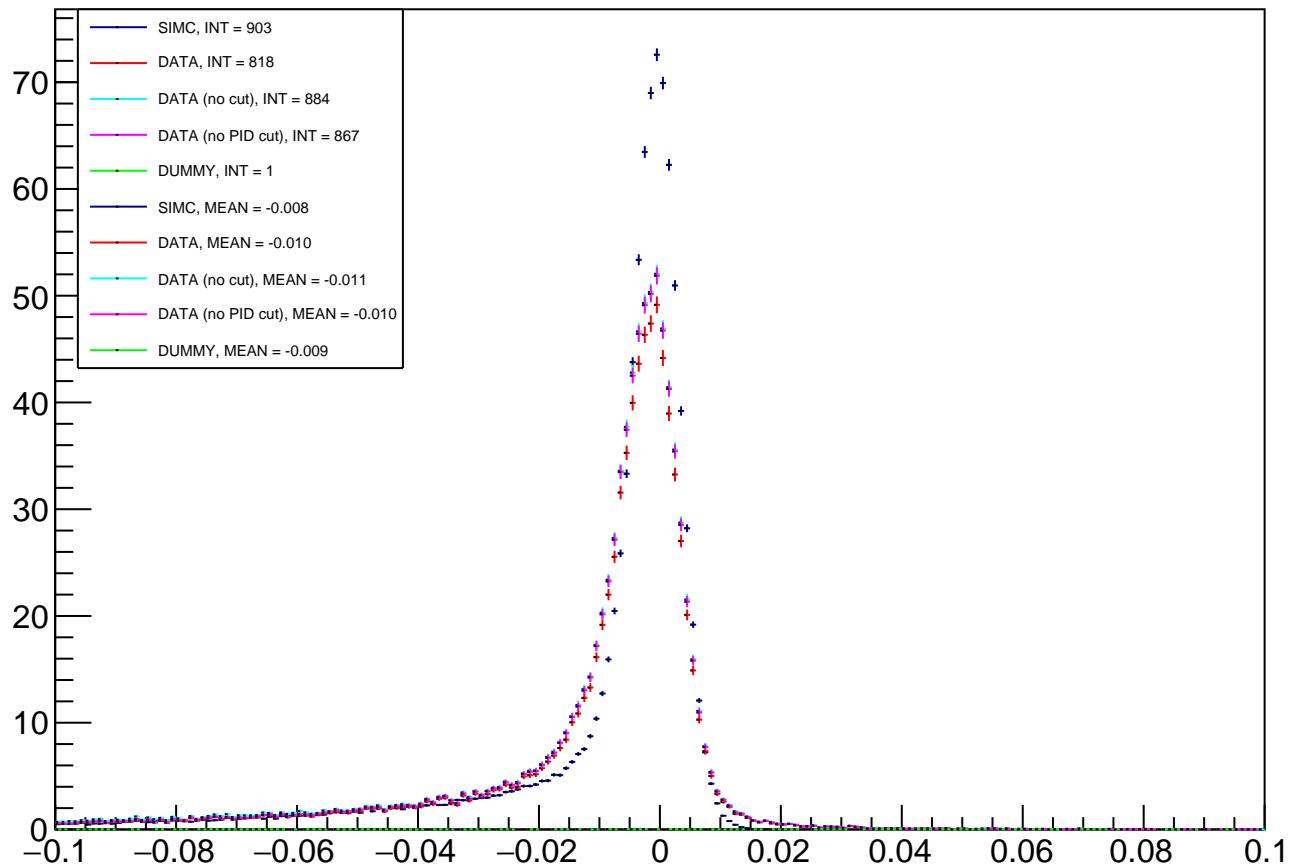
pmx



pmy



pmz



W

