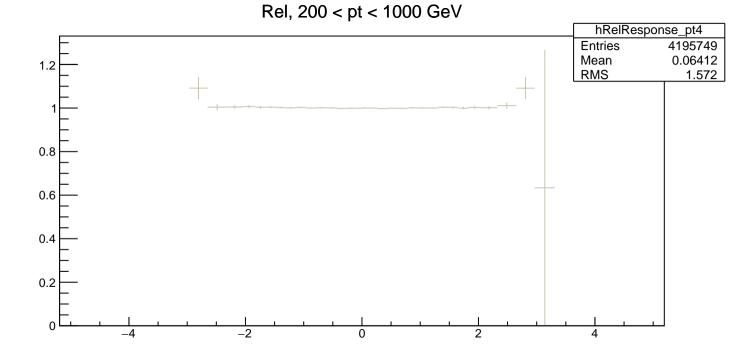
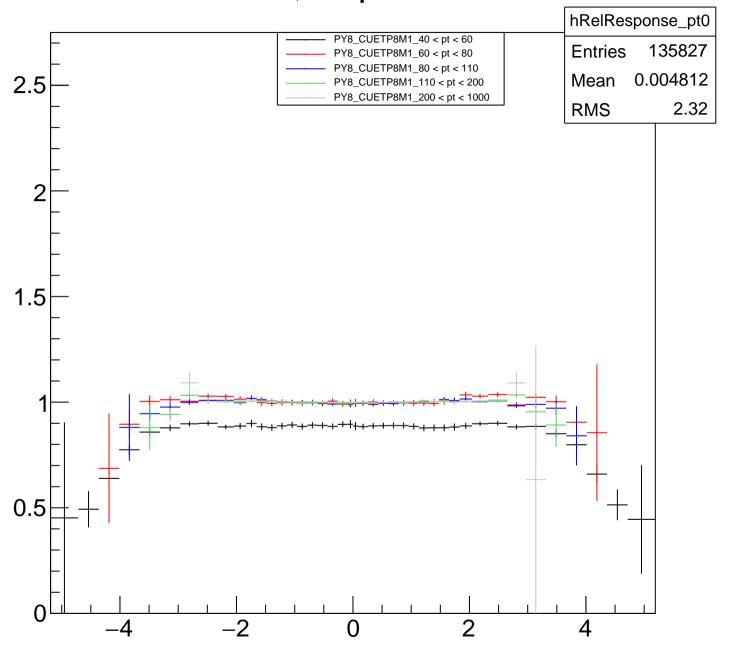
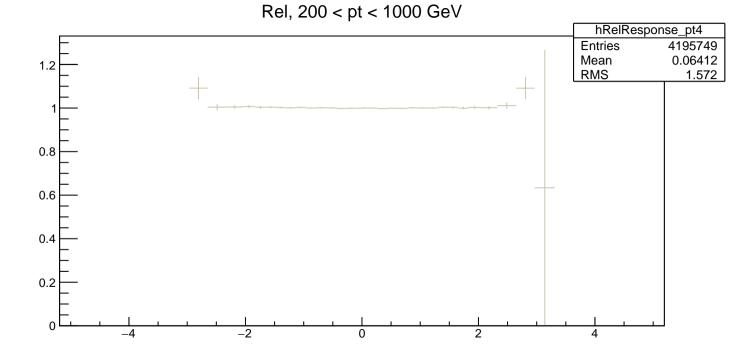


Rel, 110 < pt < 200 GeV hRelResponse\_pt3 Entries 652818 Mean 0.002643 RMS 1.8 0.8 0.6 0.4 0.2



## Rel, all pt Bins





MPF, 60 < pt < 80 GeV hMPFResponse\_pt1 Entries 471000 1.2 Mean 0.00348 RMS 2.15 0.8 0.6 0.4 0.2 -4

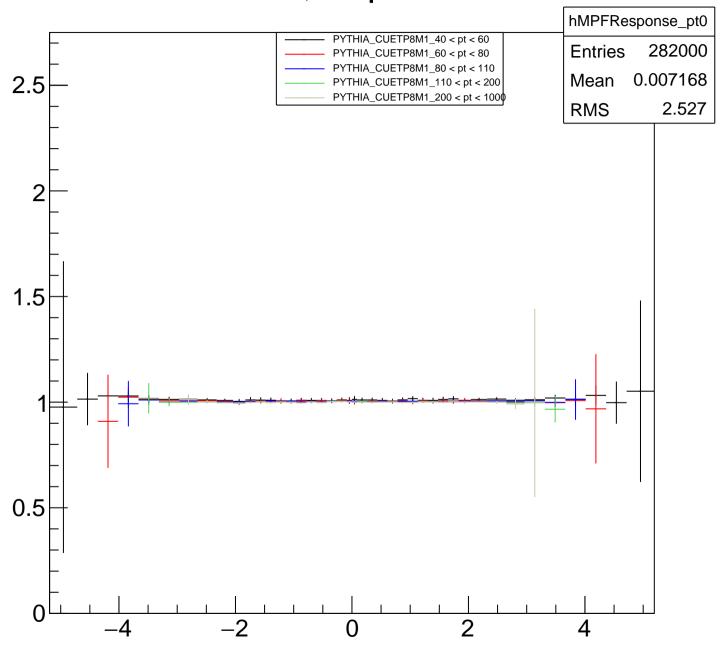
MPF, 80 < pt < 110 GeV hMPFResponse\_pt2 Entries 1006907 Mean 0.002262 RMS 1.986 0.8 0.6 0.4 0.2 -4

MPF, 110 < pt < 200 GeV hMPFResponse\_pt3 Entries 2354473 Mean -0.004332RMS 1.818 0.8 0.6 0.4 0.2

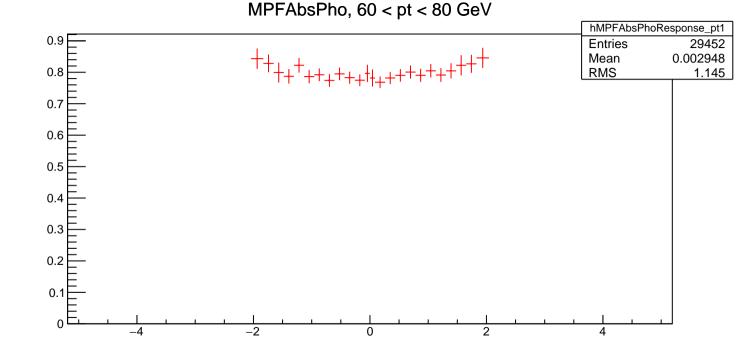
-4

MPF, 200 < pt < 1000 GeV hMPFResponse\_pt4 Entries 1.894286e+07 1.4 Mean 0.09973 1.586 RMS 1.2 8.0 0.6 0.4 0.2 -4

## MPF, all pt Bins



MPF, 200 < pt < 1000 GeV hMPFResponse\_pt4 Entries 1.894286e+07 1.4 Mean 0.09973 1.586 RMS 1.2 8.0 0.6 0.4 0.2 -4

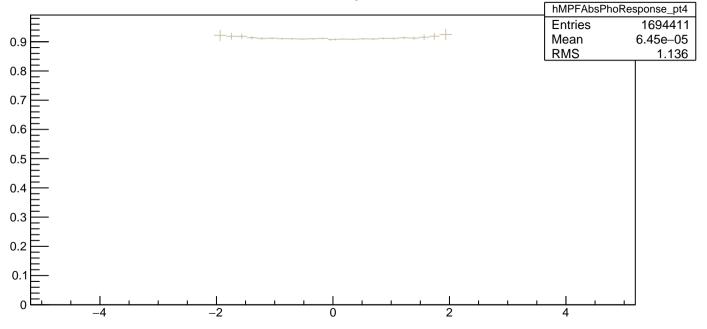


MPFAbsPho, 80 < pt < 110 GeV hMPFAbsPhoResponse\_pt2 0.9 Entries 152061 Mean 0.0003749 RMS 1.15 8.0 0.7 0.6 0.5 0.4 0.3 0.2 0.1 0 | -2 -4

#### MPFAbsPho, 110 < pt < 200 GeV hMPFAbsPhoResponse\_pt3 Entries 1178659 0.9 Mean 0.0002992 RMS 1.143 8.0 0.7 0.6 0.5 0.4 0.3 0.2 0.1 0 -2

-4

### MPFAbsPho, 200 < pt < 1000 GeV



# MPFAbsPho, all pt Bins

