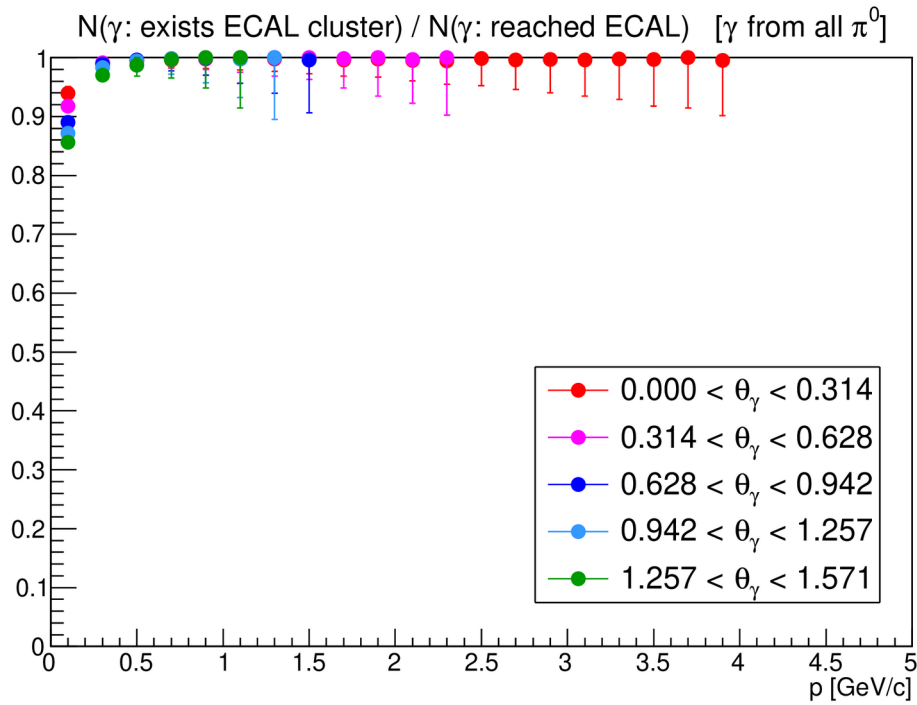


Problem with photons in the ECAL

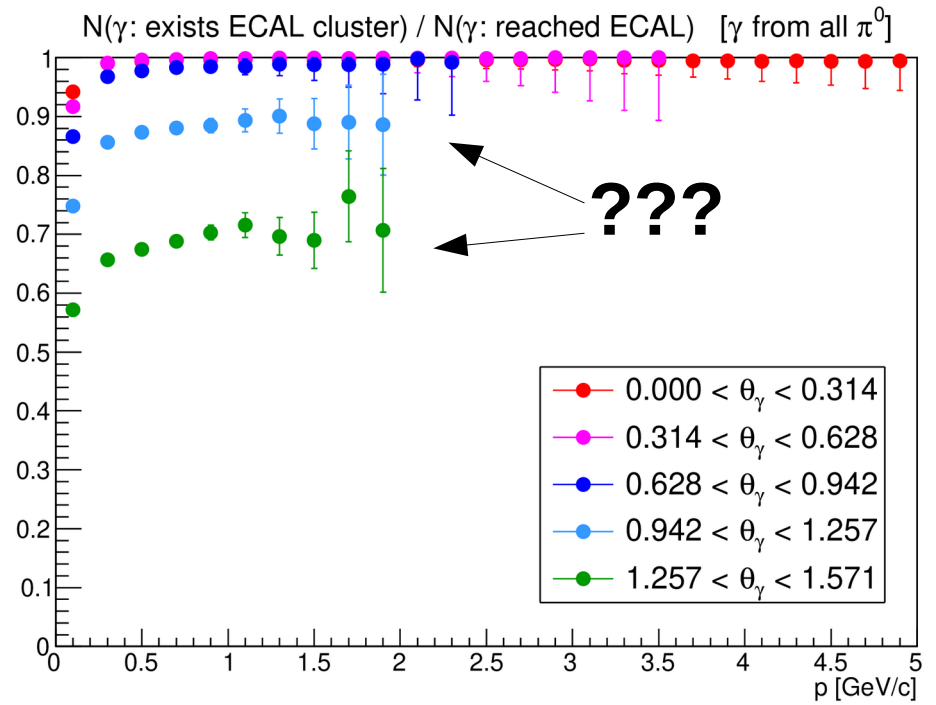
Ruslan Akhunzyanov

SPD Weekly Meeting

September 19, 2023

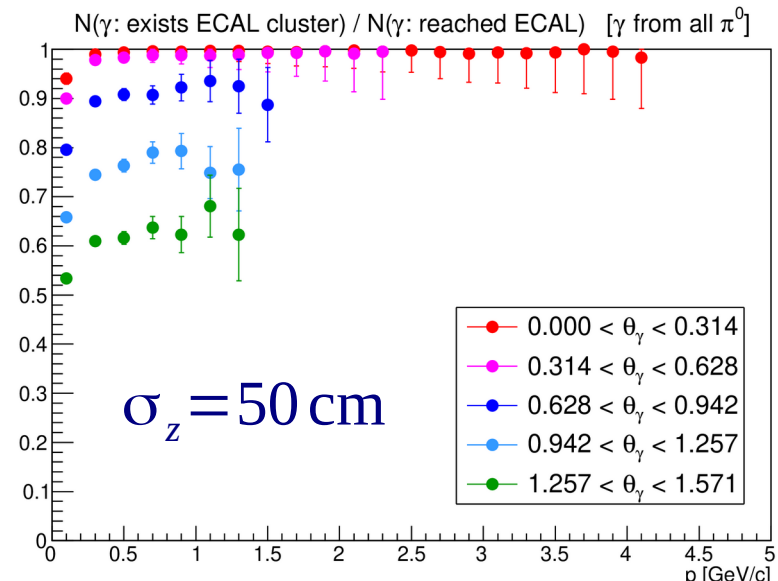
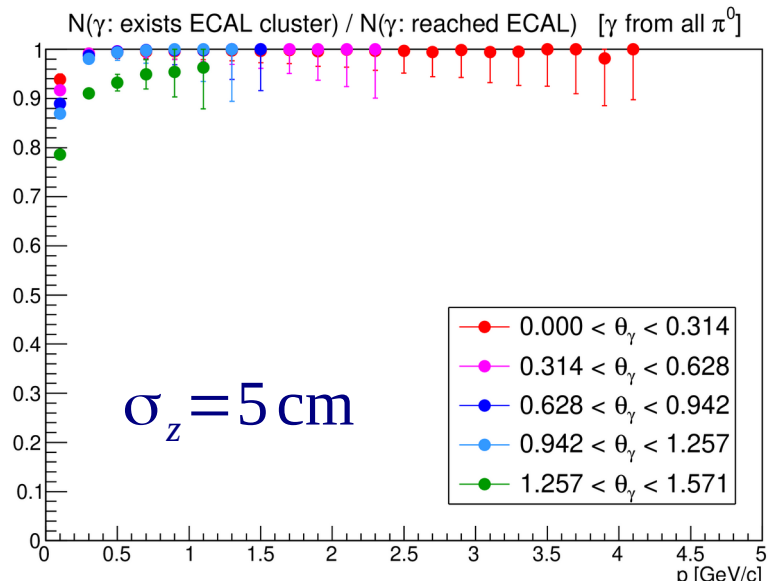
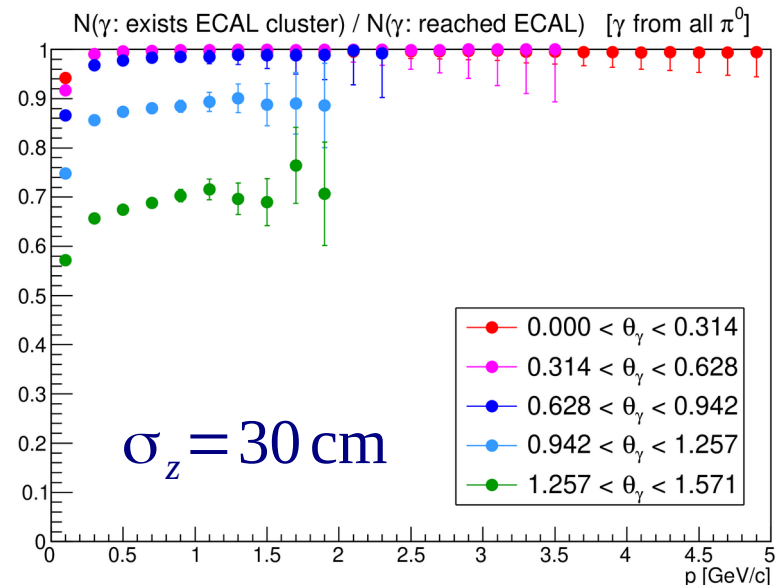
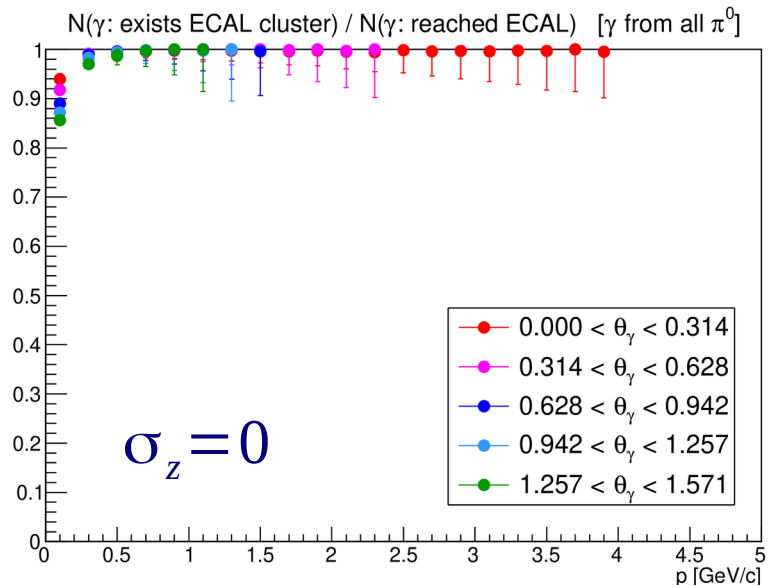


$\sigma_z = 0$



$\sigma_z = 30 \text{ cm}$

- *In denominator:* number of γ (from π^0 decay) that have reached ECAL [mc-particle \rightarrow last vertex \rightarrow det id == ECAL B or ECAL EC].
- *In numerator:* number of γ (from π^0 decay) for which exist a reconstructed ECAL cluster associated with it [I find this via SpdEcalClusterMCInfo].



backup slides

