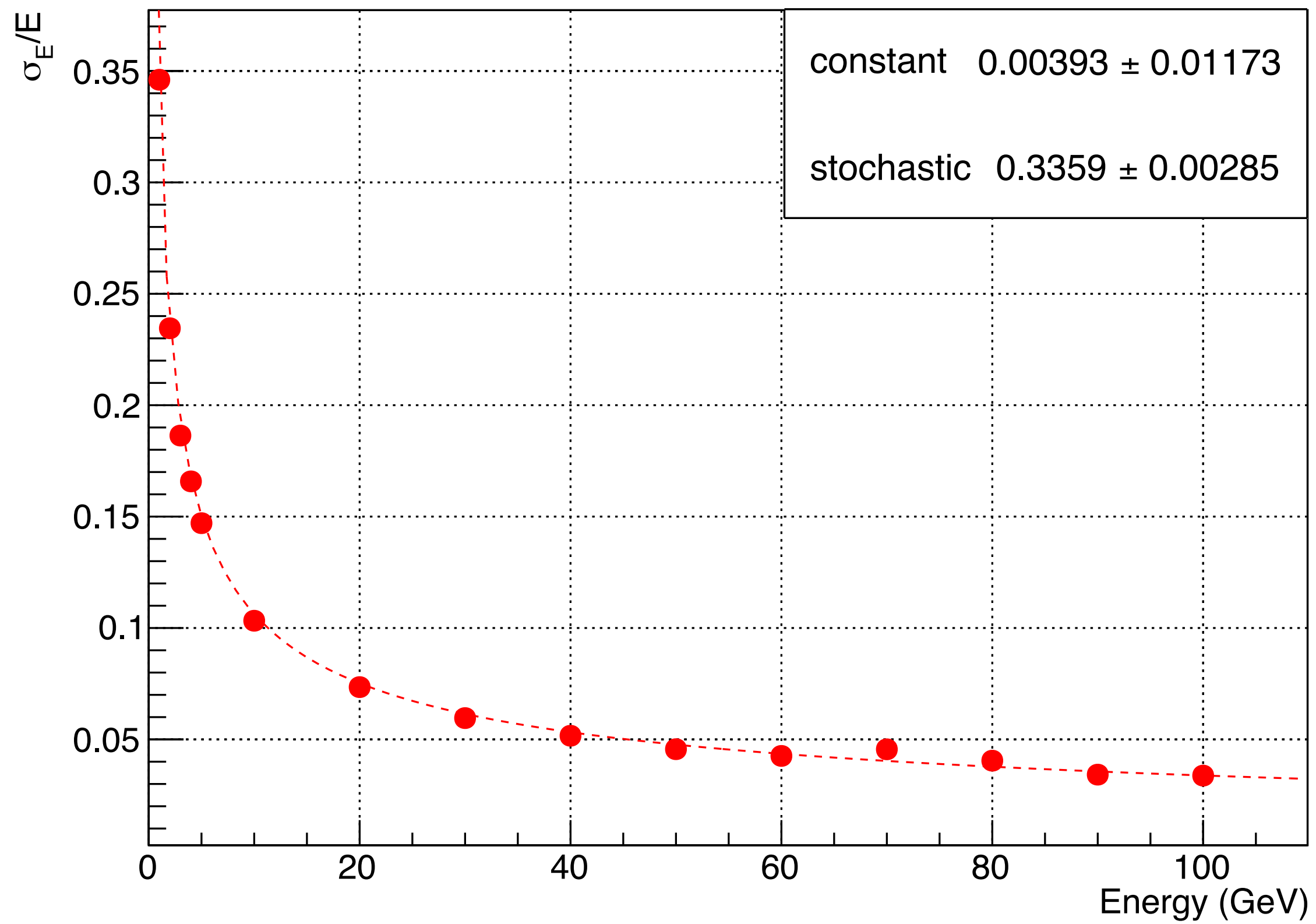
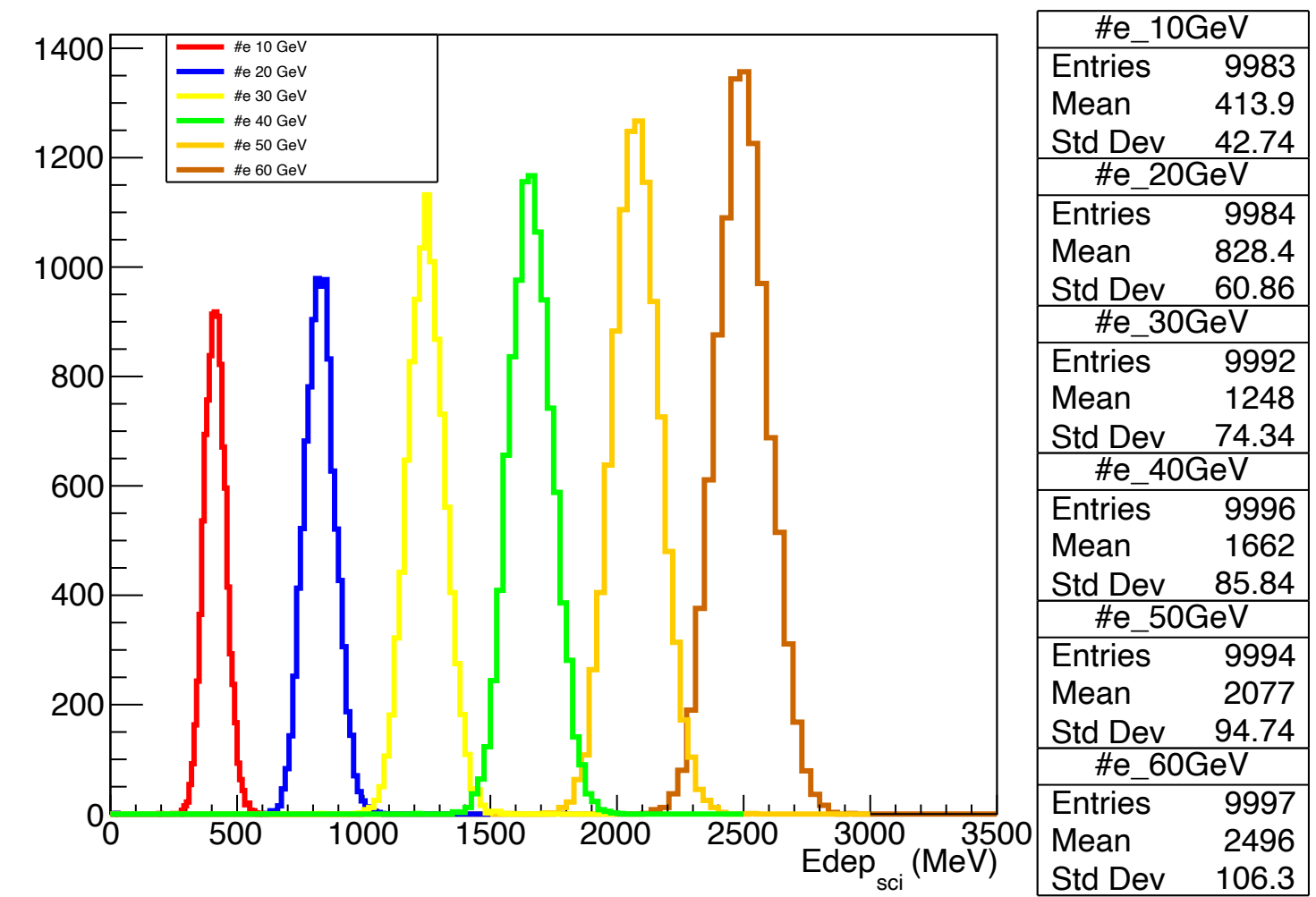


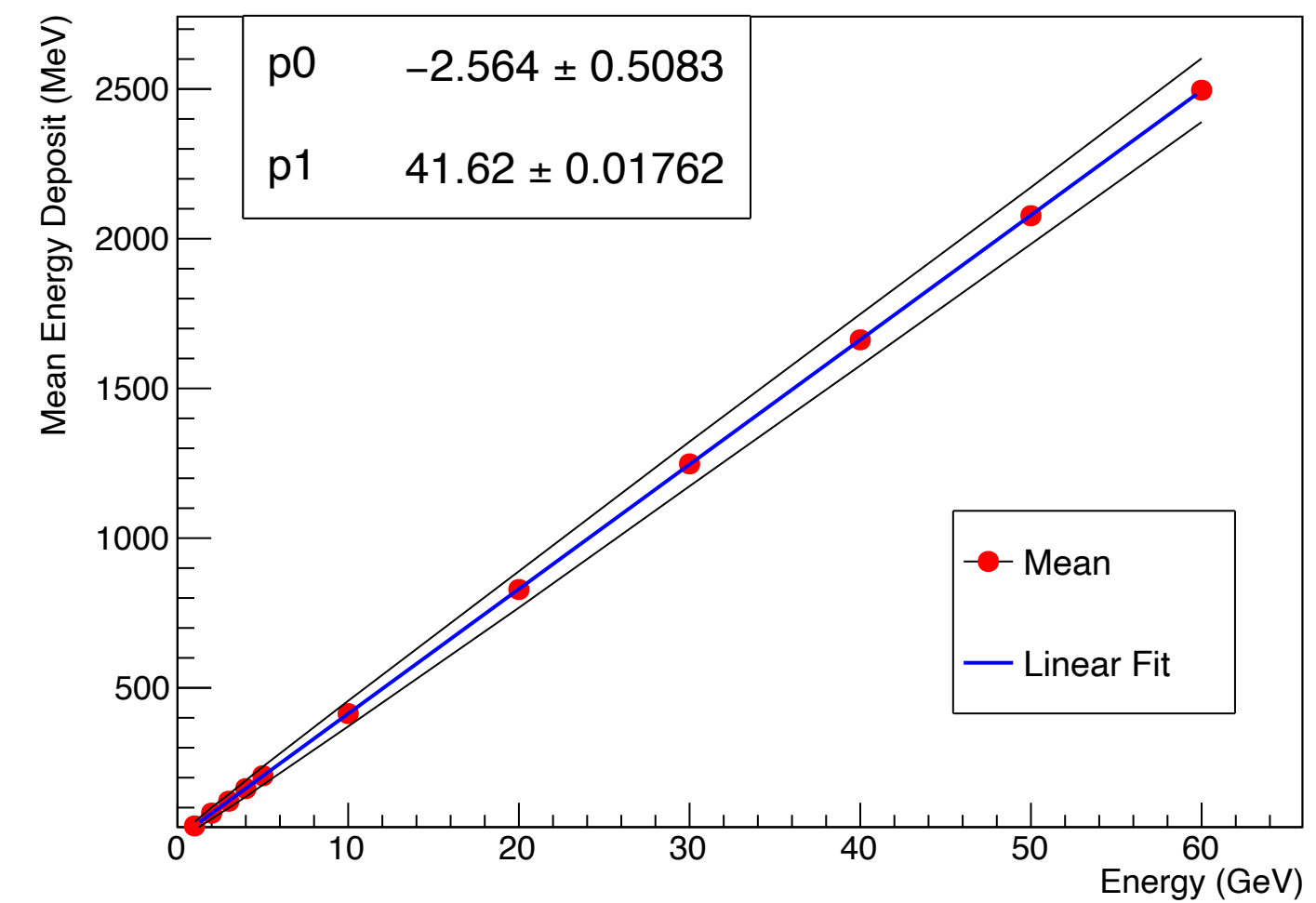
$\sigma_E/E$  for #e



Total energy deposit in all Sci Layers #e

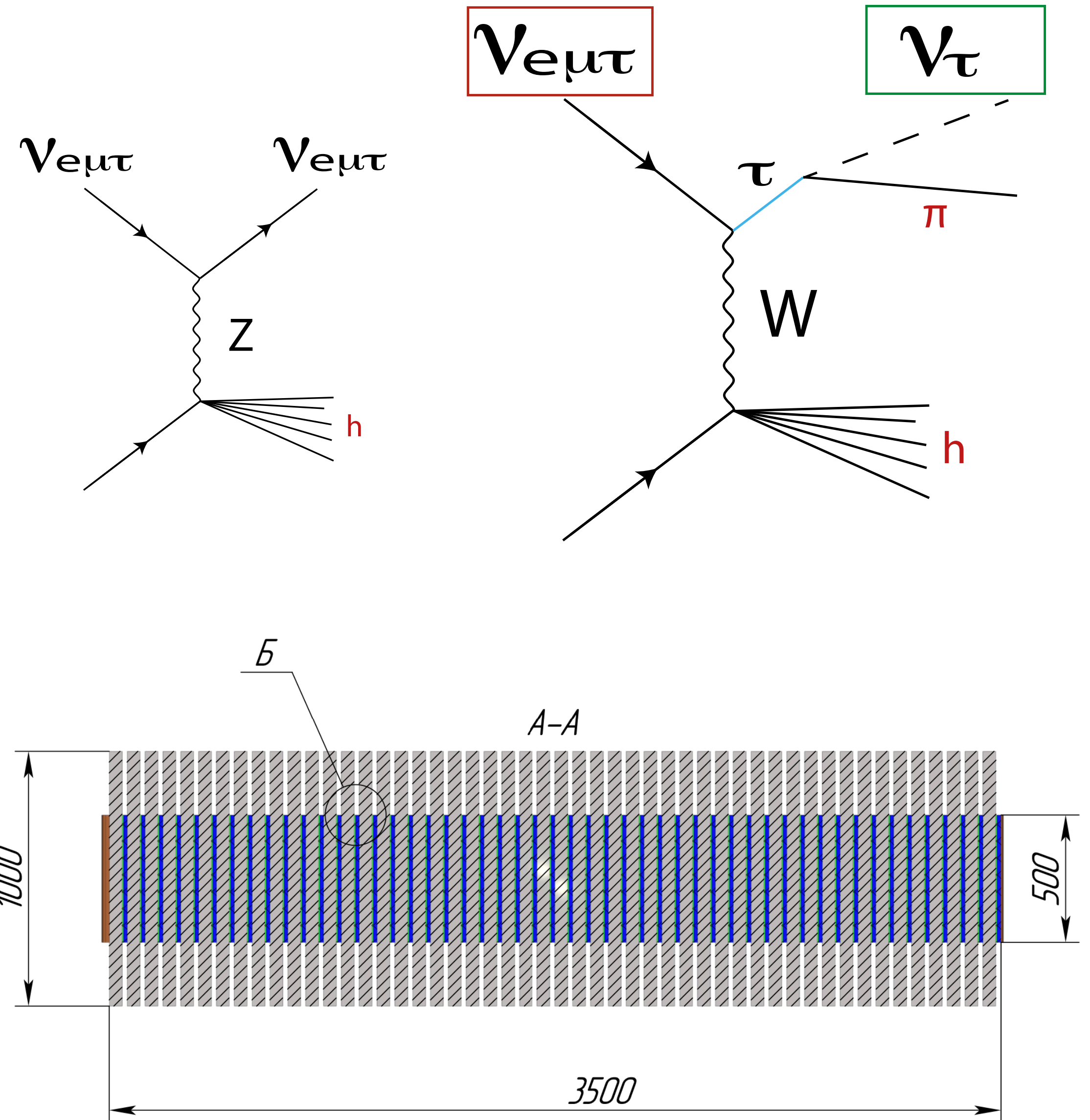
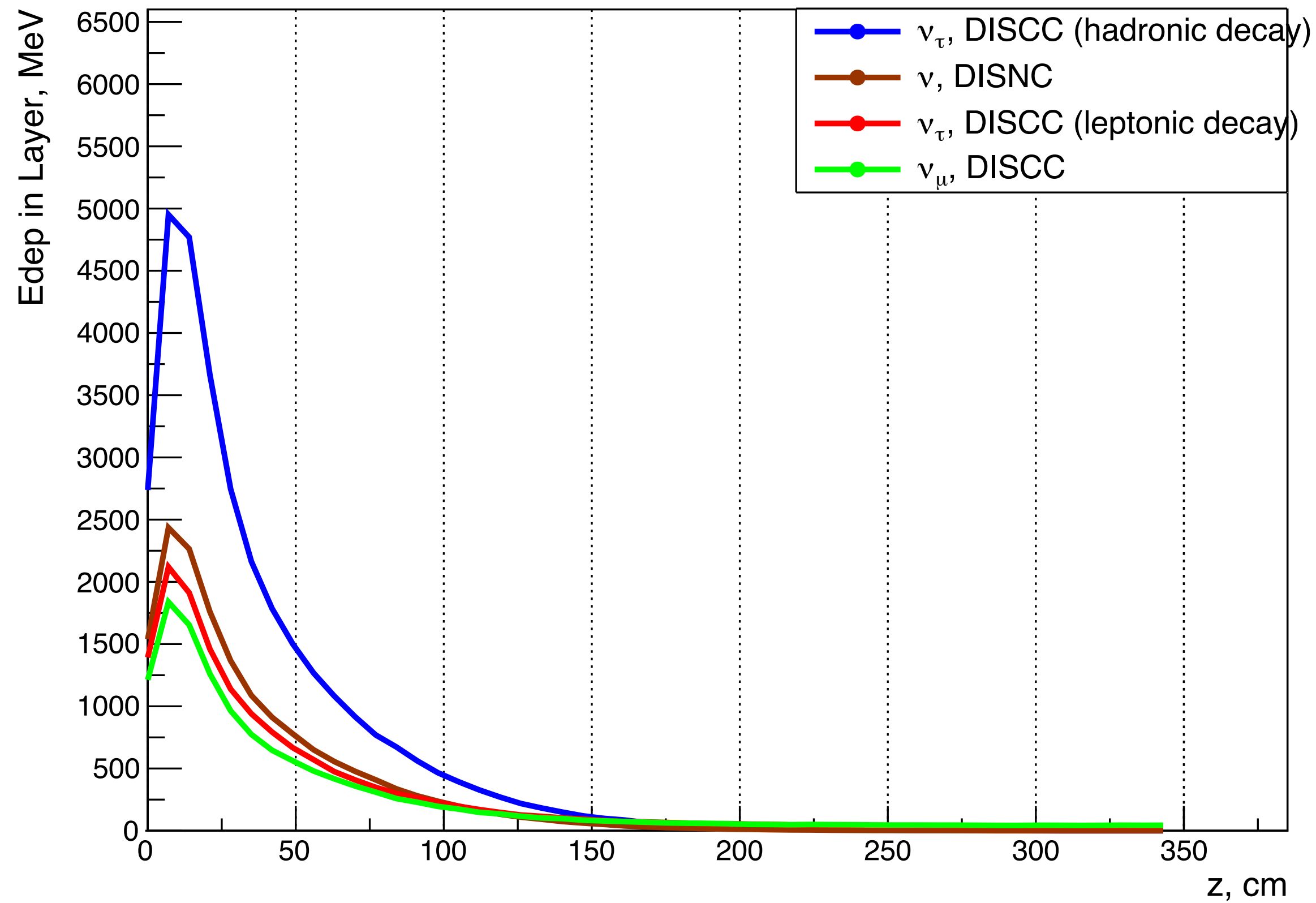


Mean Energy Deposit to primary Energy



# Longitudinal shower profile for nu\_tau CC & nu NC

Energy deposit, 50 layers: Absorber(Fe, 5. cm) x SciFi (Poly, 0.5 cm) x Sci (Poly, 1.5 cm)



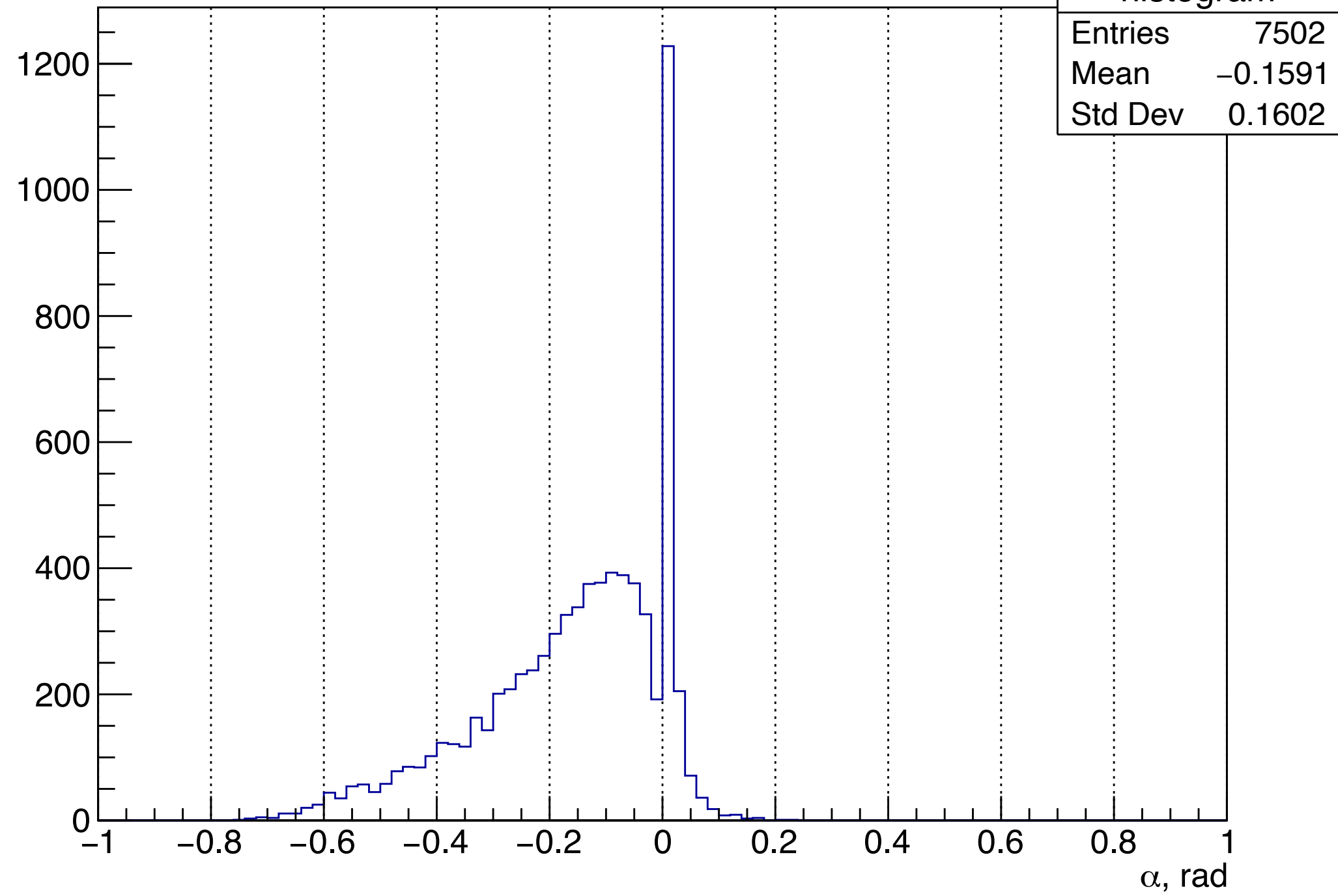
*Charged current (tau hadronic decay):*

*Hadrons from tau more energetic.*

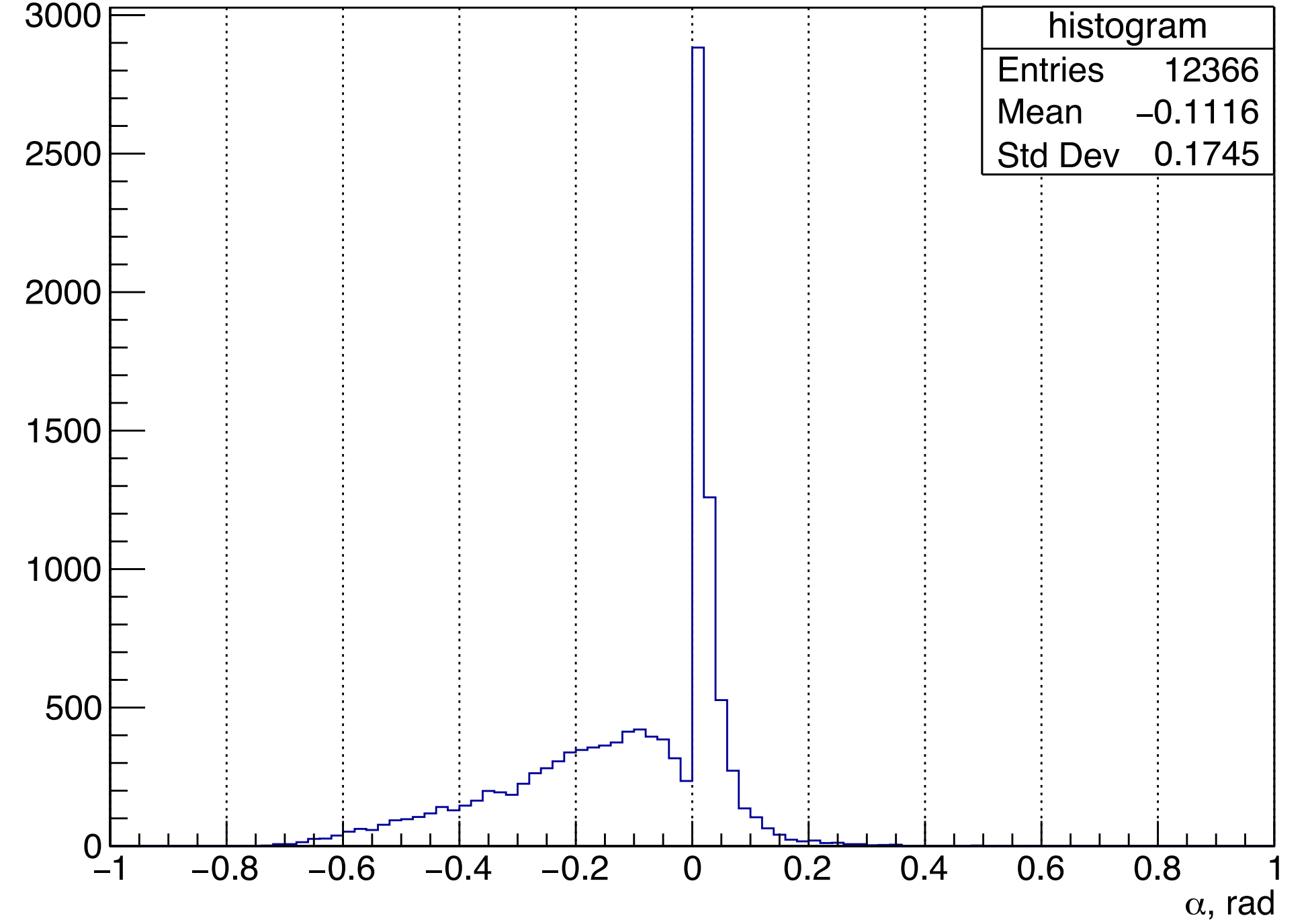
*Neutral current and CC (tau leptonic decay):*

*Hadrons initiated by W or Z0 have a same energy.*

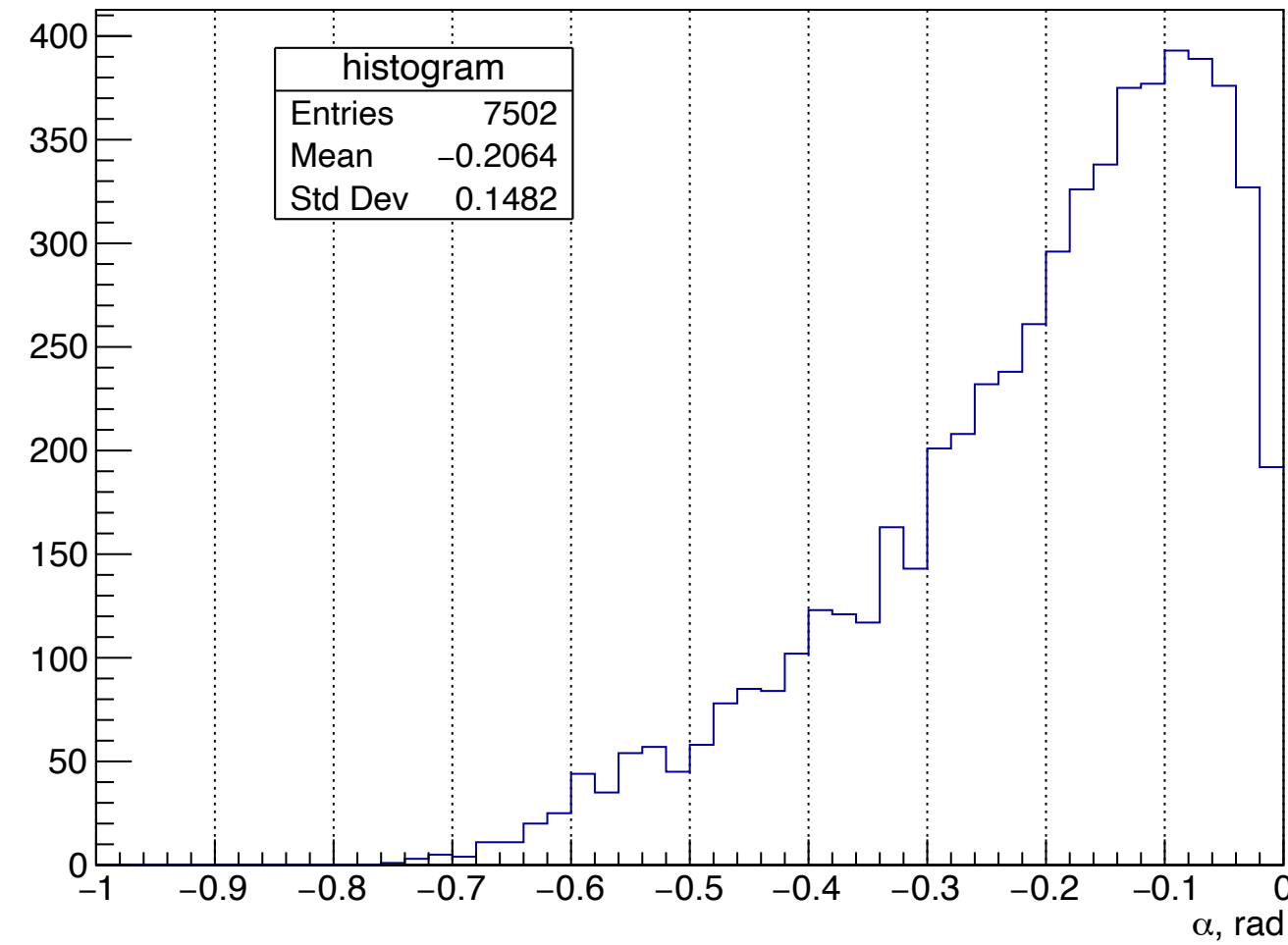
DISCC --- Arctan(Difference / (z<sub>20</sub> - z<sub>0</sub>))



DISNC --- Arctan(Difference / (z<sub>20</sub> - z<sub>0</sub>))



DISCC --- Arctan(Difference / (z<sub>20</sub> - z<sub>0</sub>))



DISNC --- Arctan(Difference / (z<sub>20</sub> - z<sub>0</sub>))

