

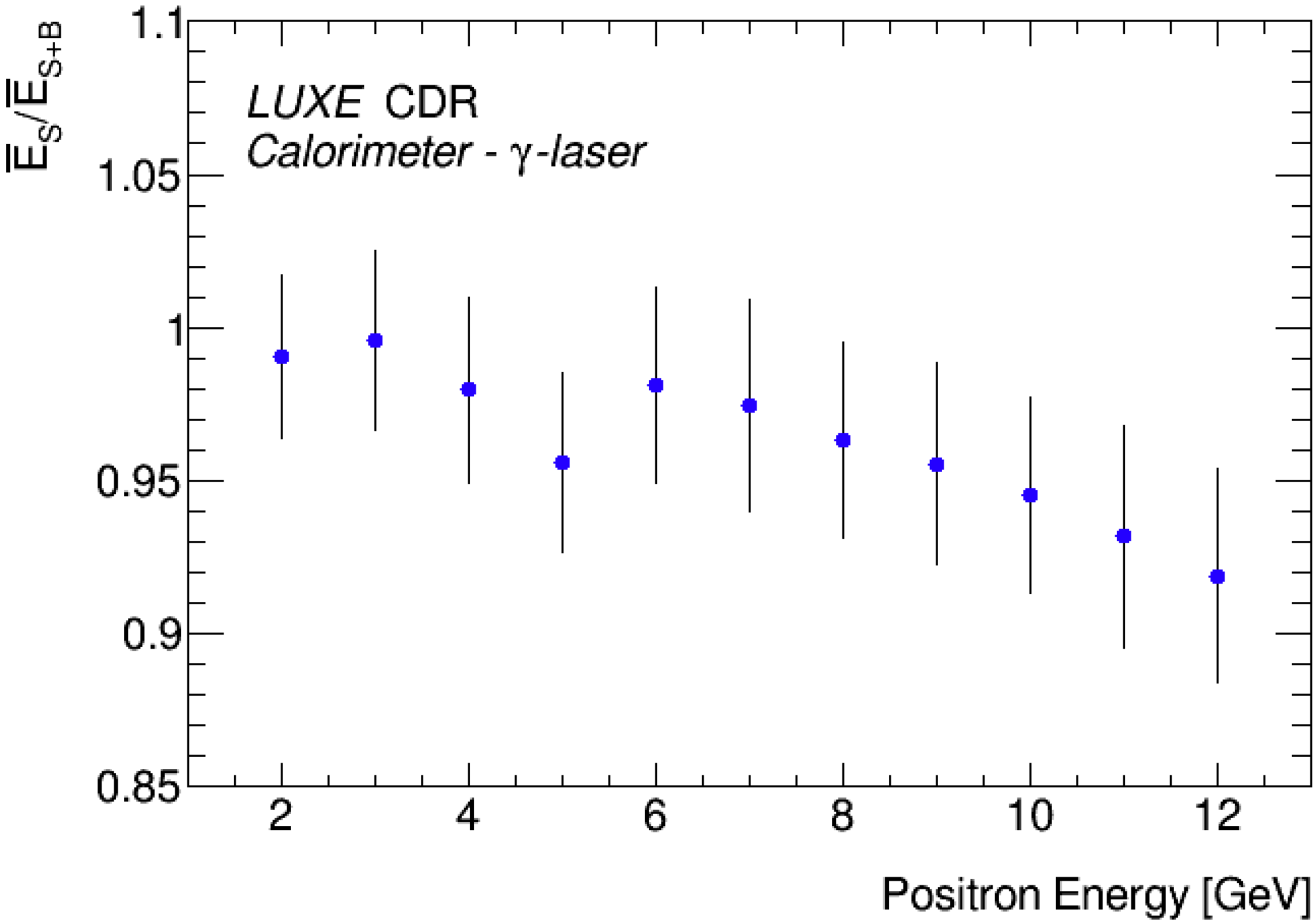
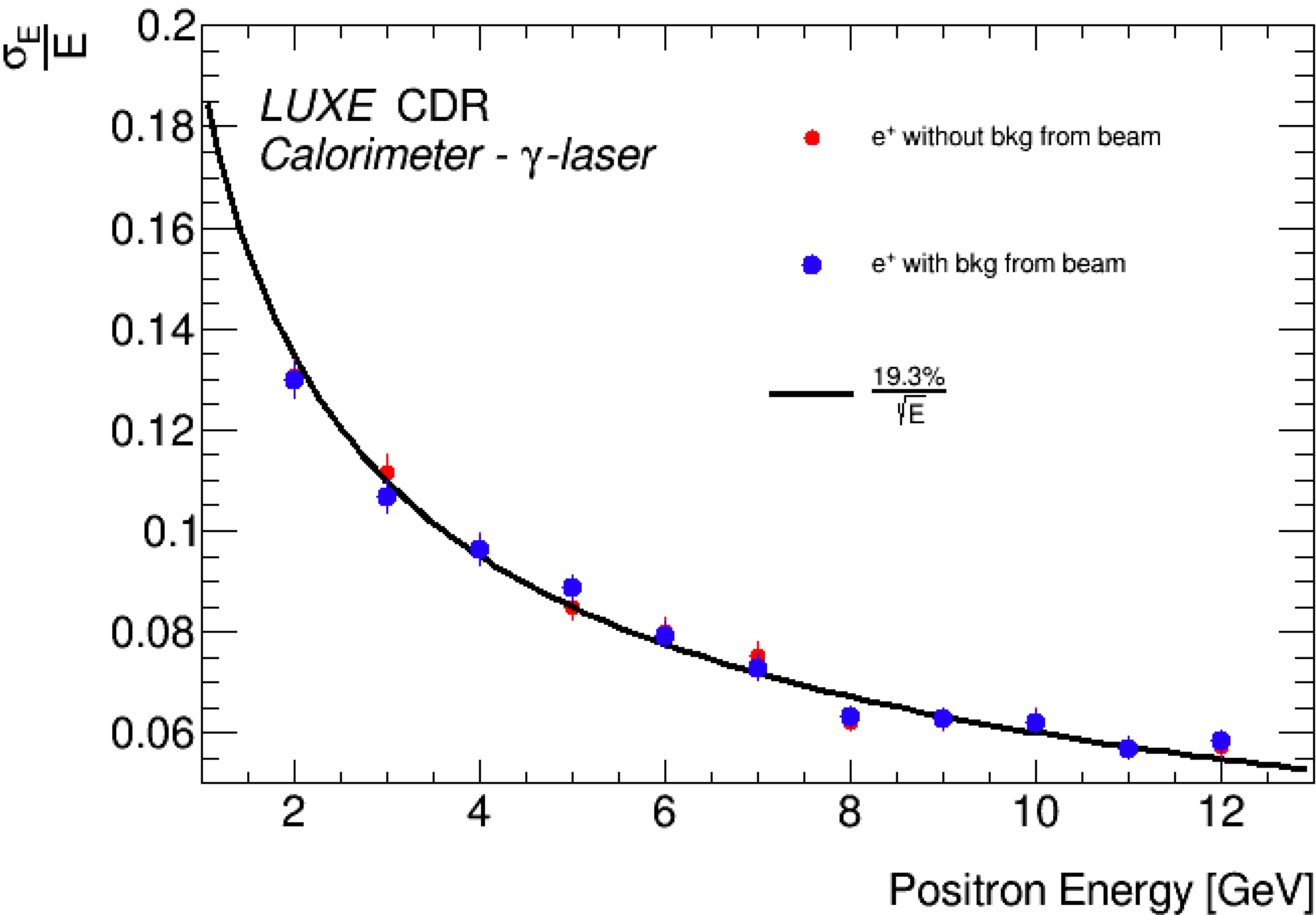
# UPDATE ON CALORIMETER

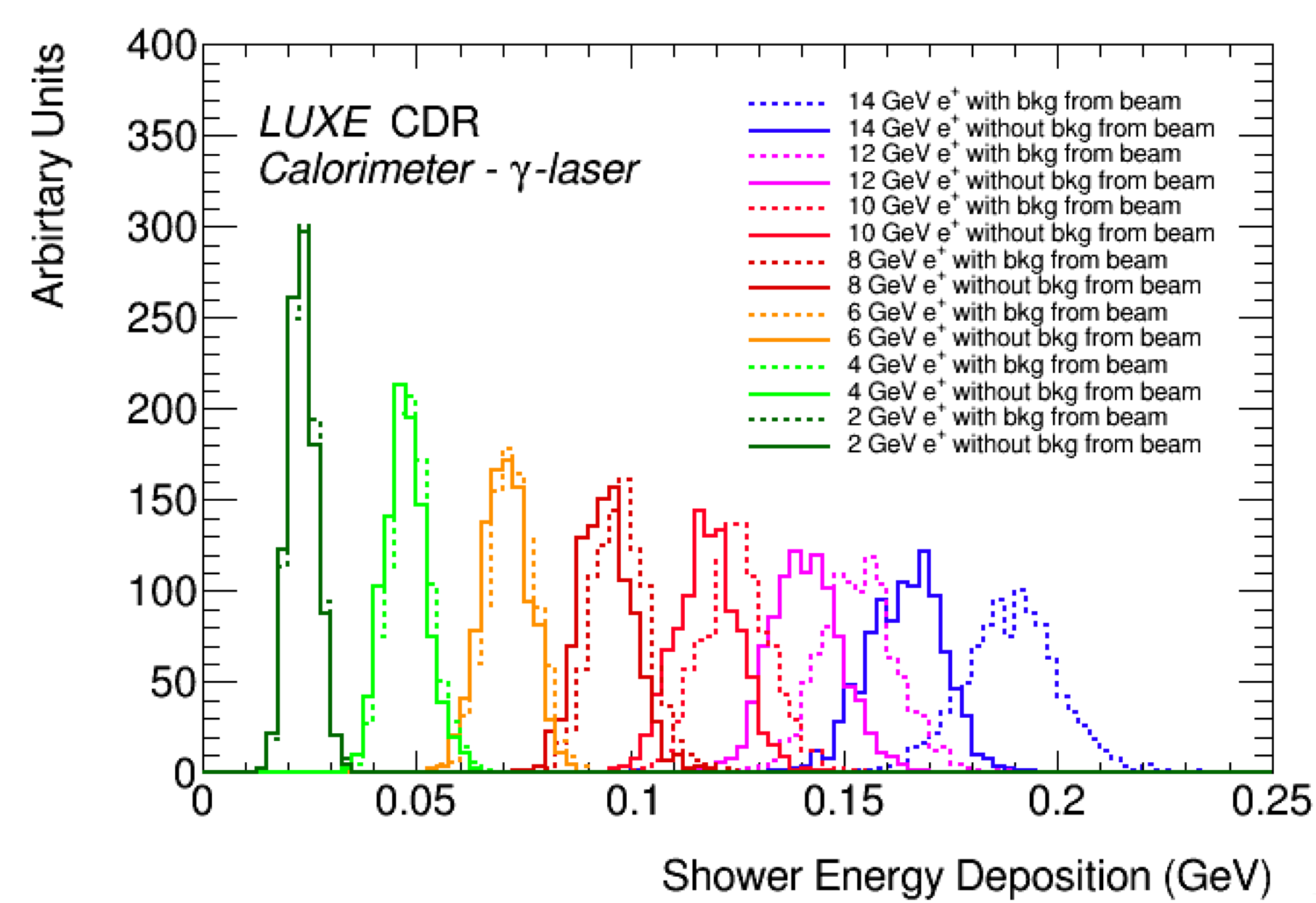
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LOUIS HELARY - DESY

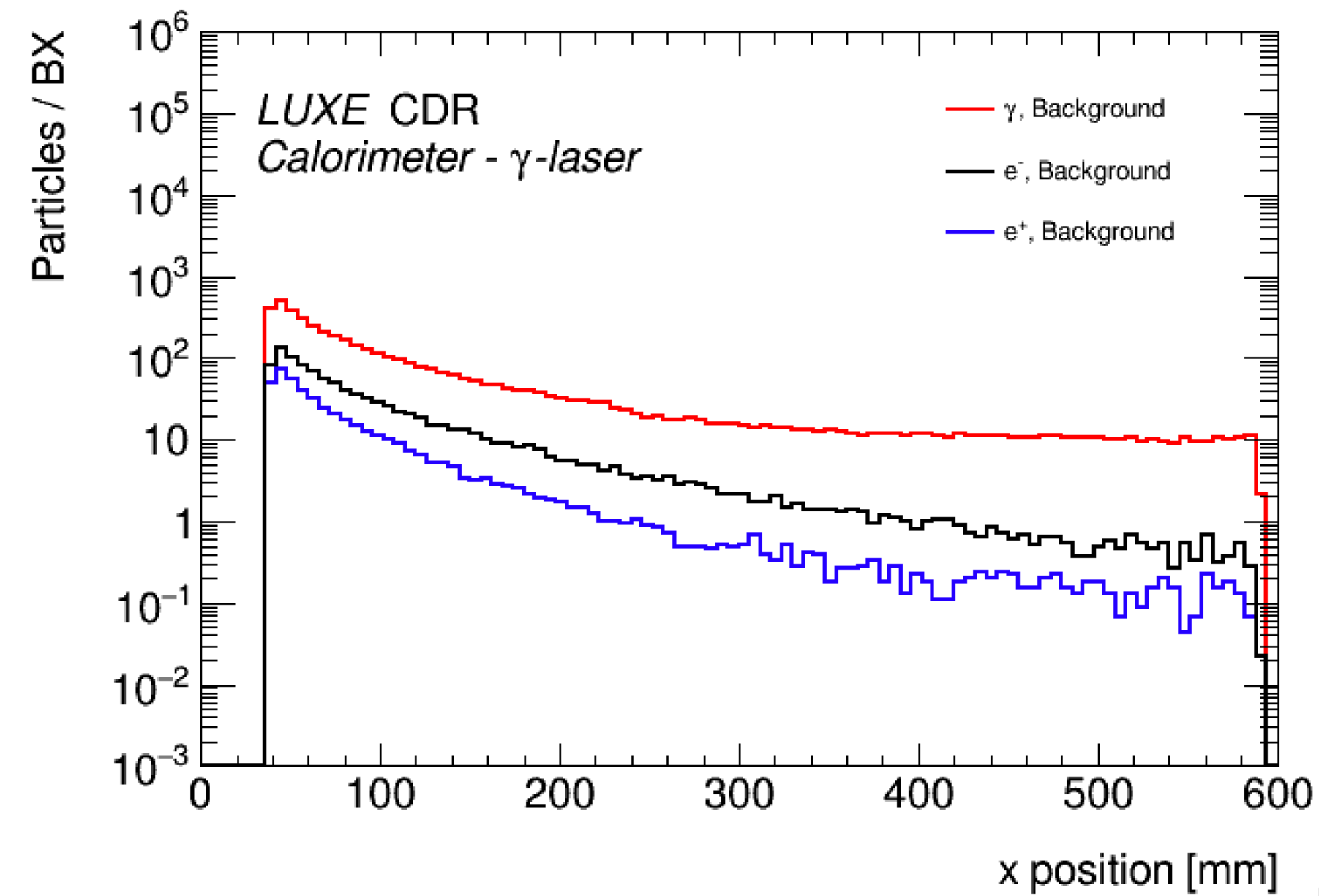
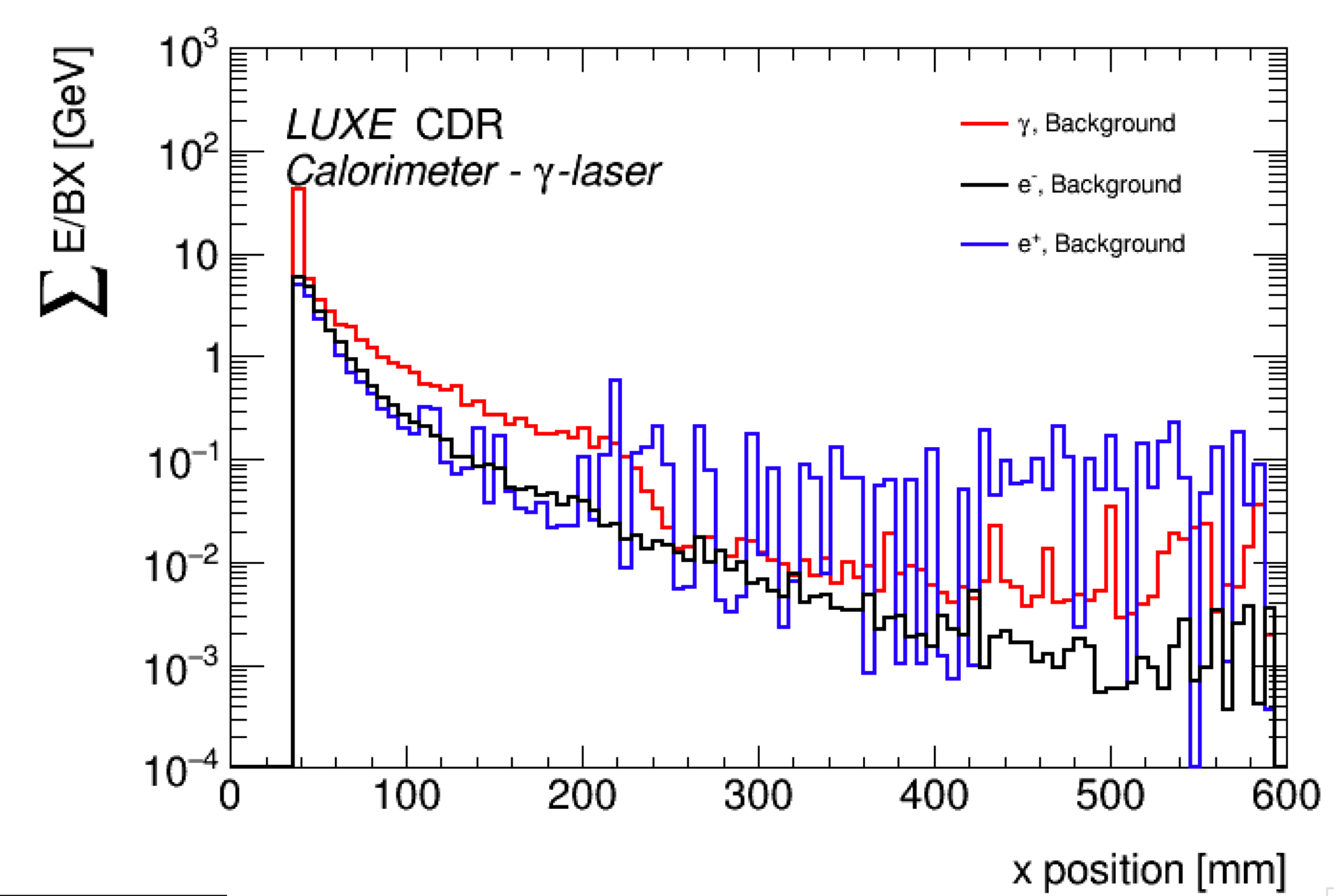


Use: 45.05 BX: list\_root\_bppp\_background\_fast\_850fd10d\_0\_6





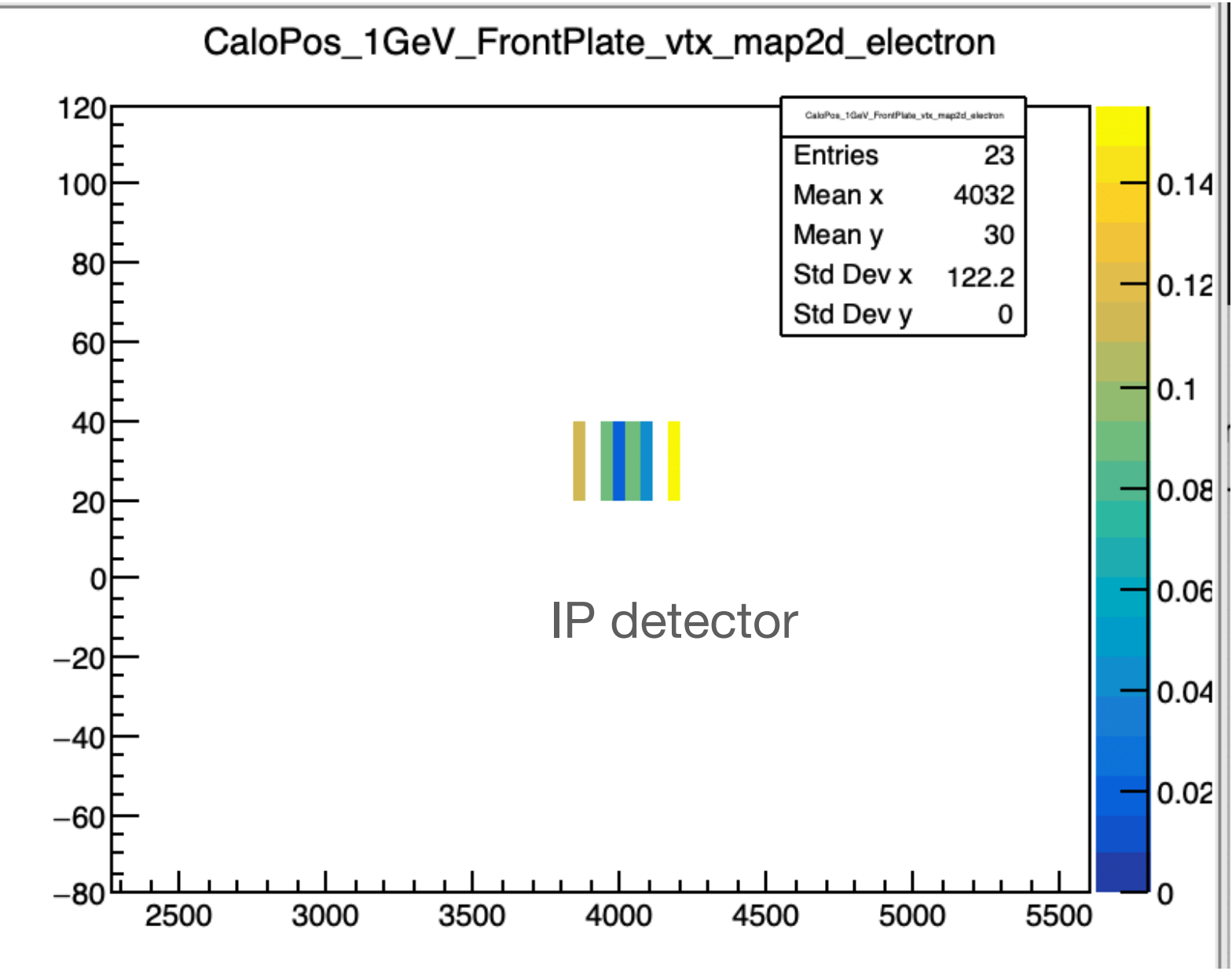
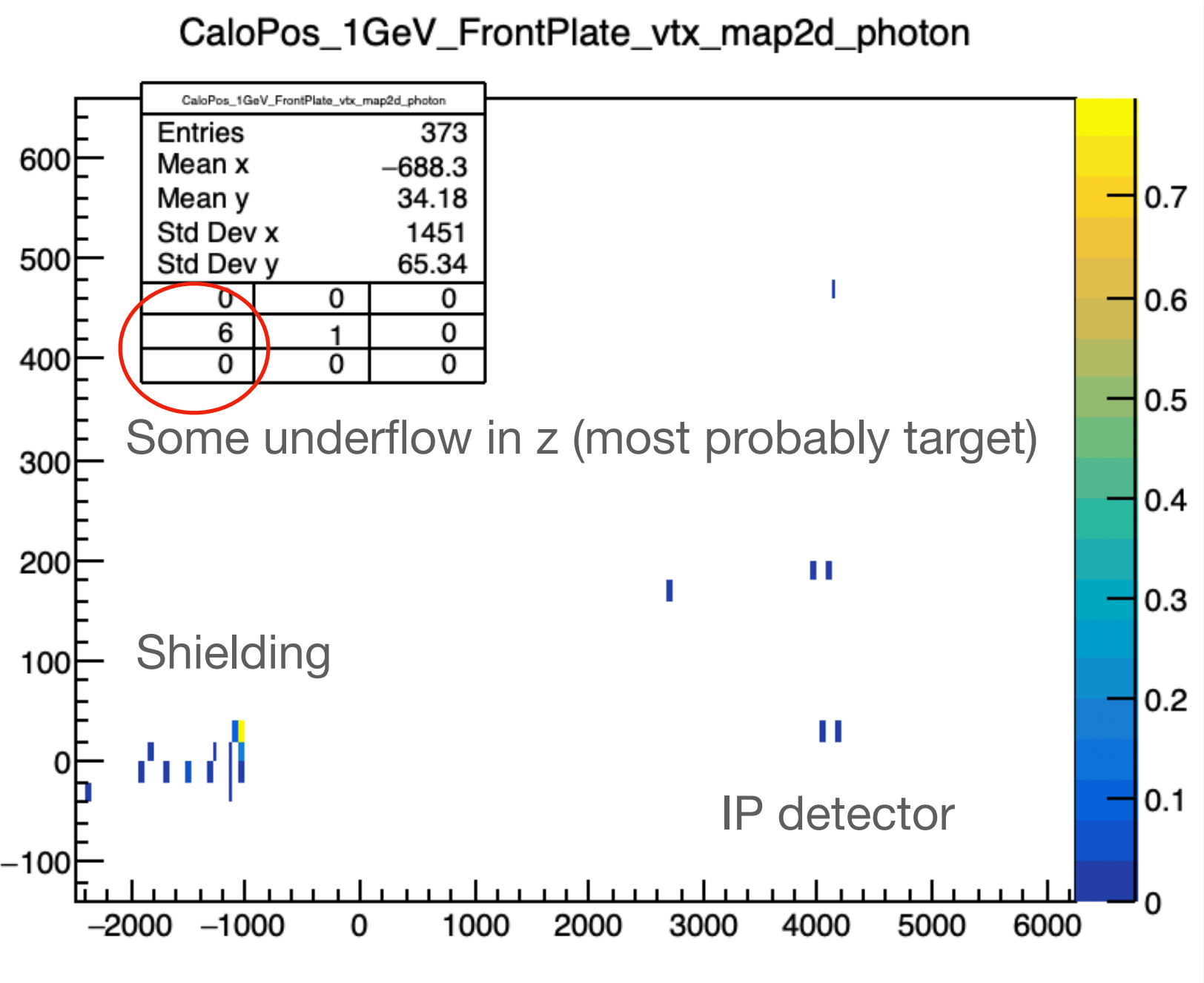
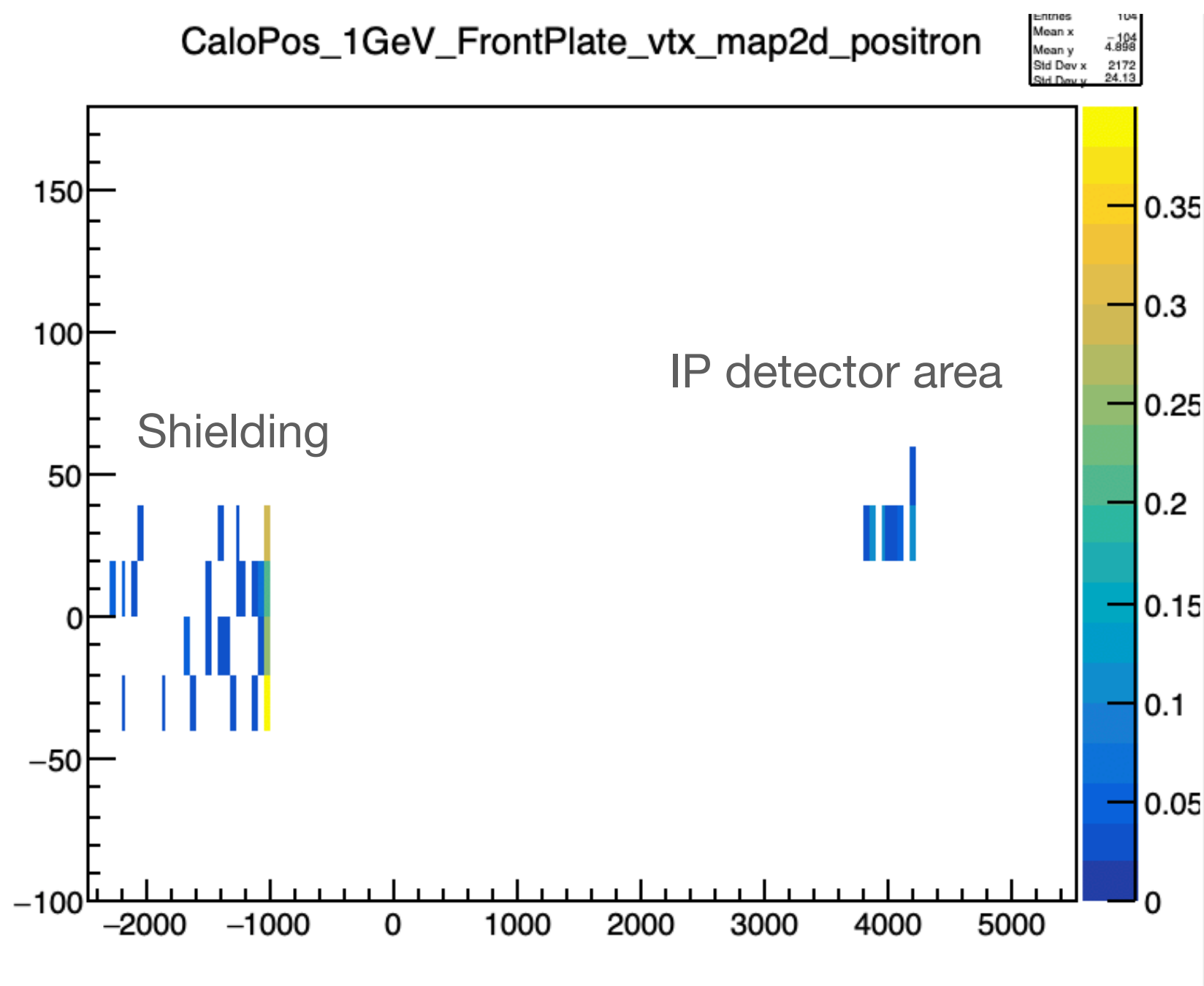
gamma-laser plots



Number of particles in Calo CaloPos\_FrontPlate Total:6165.98 Number of photons: 4676.2 Number of electrons: 1038.75 Number of positrons: 451.043  
Total energy in Calo from sumCaloPos\_FrontPlate Total:116.08 Number of photons: 70.8023 Number of electrons: 21.9466 Number of positrons: 23.3308

Number of particles in Calo CaloPos\_1GeV\_FrontPlate Total:11.0996 Number of photons: 8.2803 Number of electrons: 0.510582 Number of positrons: 2.30872  
Total energy in Calo from sumCaloPos\_1GeV\_FrontPlate Total:44.6873 Number of photons: 35.2013 Number of electrons: 2.10659 Number of positrons: 7.37944

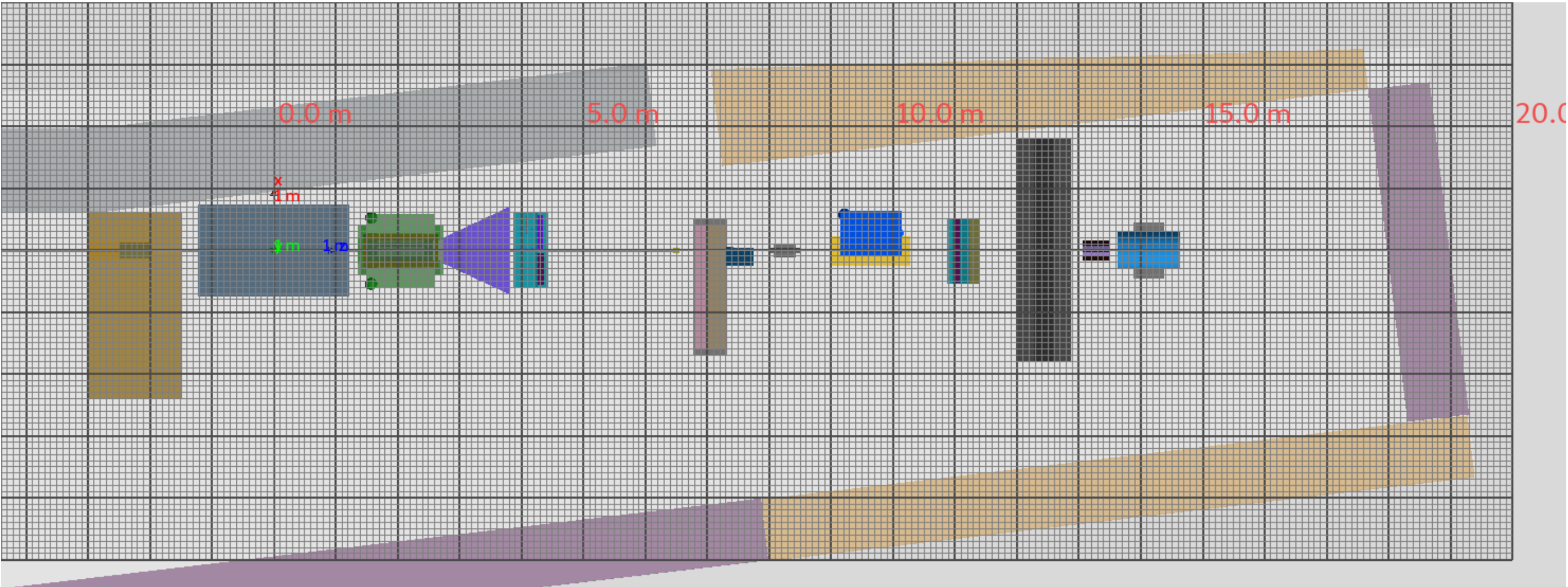
gamma-laser plots

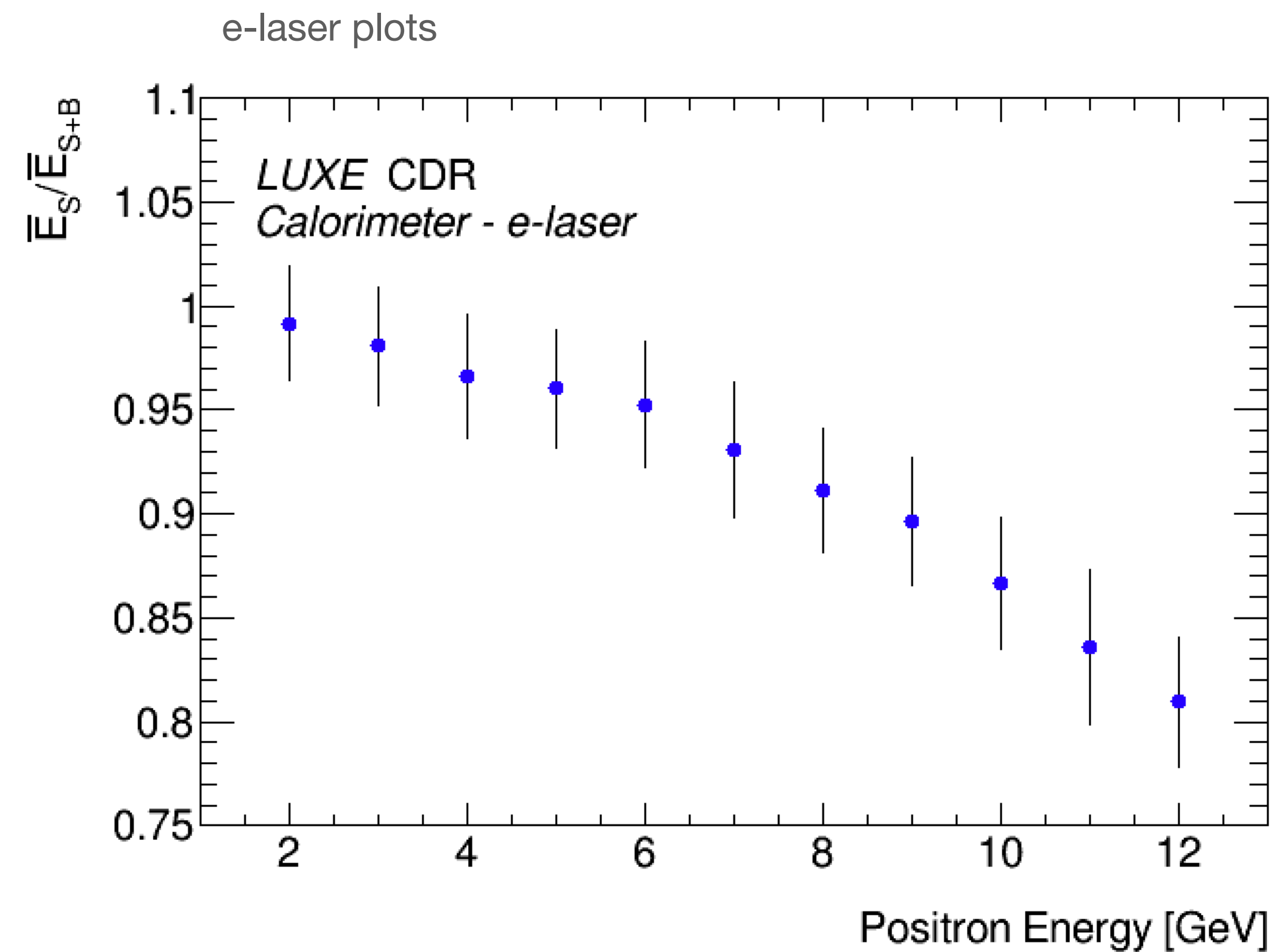
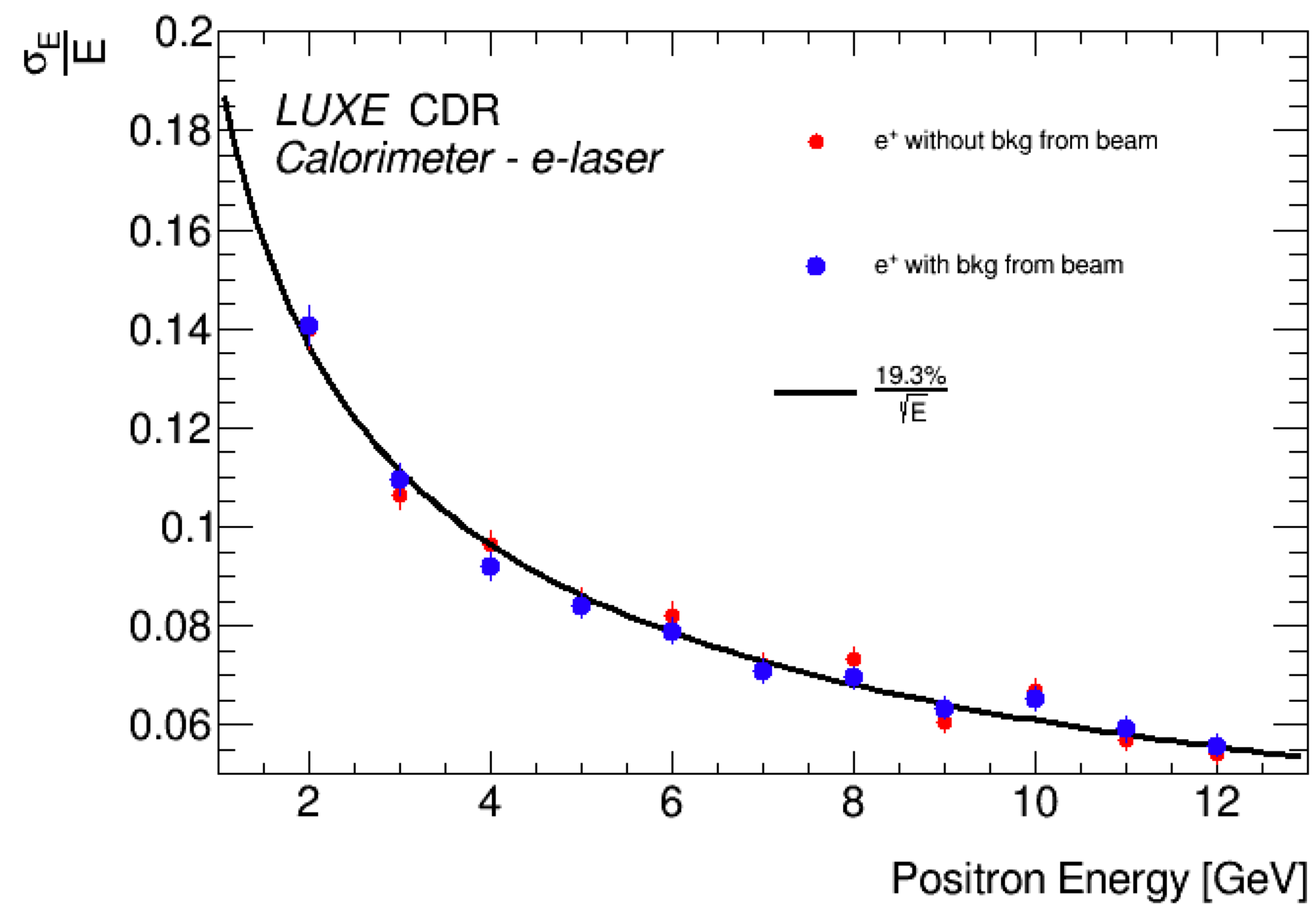


Production vertex of positron  
that reach calo front plate with  $E > 1$  GeV

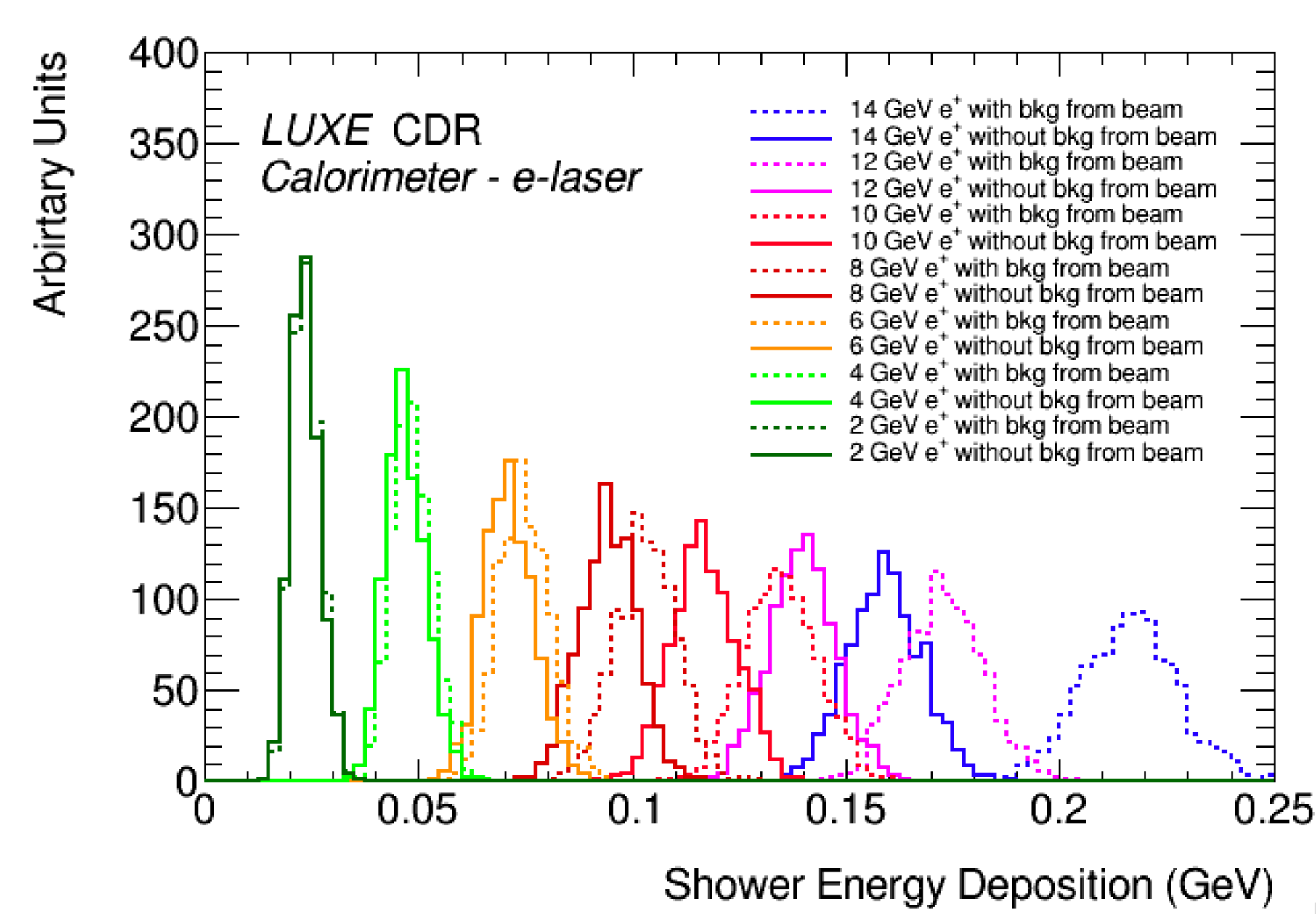
Production vertex of photons  
that reach calo front plate with  $E > 1$  GeV

Production vertex of electrons  
that reach calo front plate with  $E > 1$  GeV

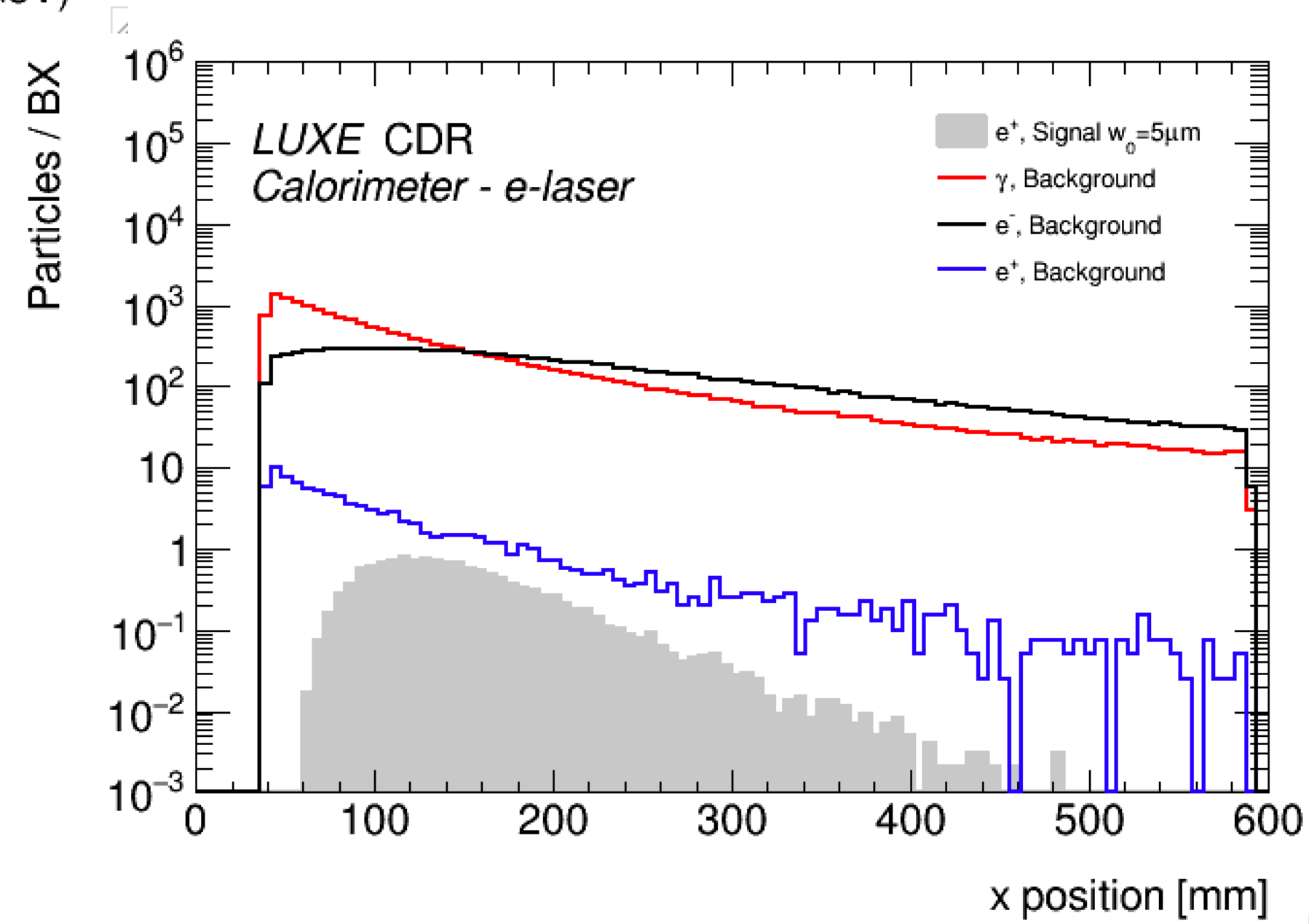
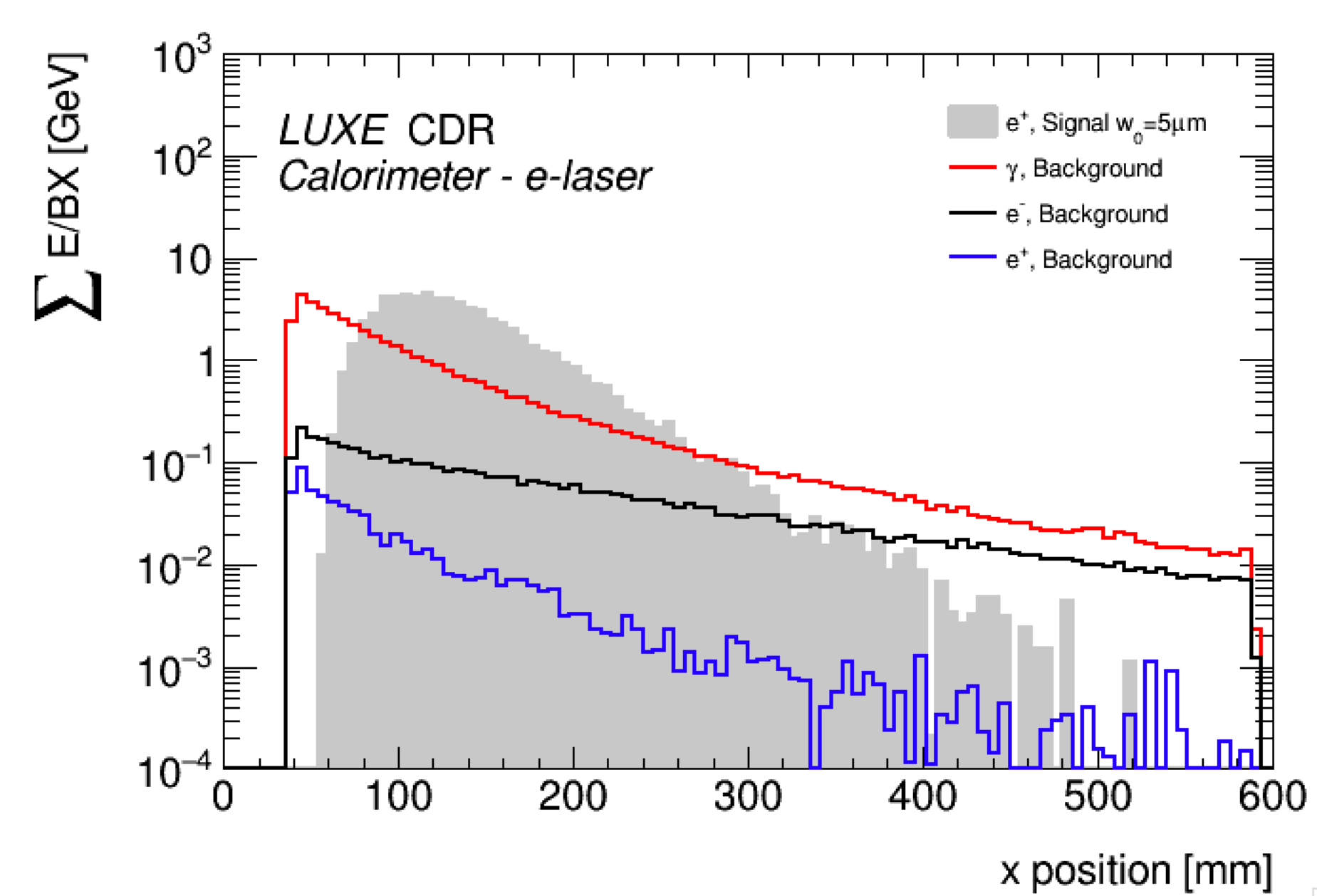








e-laser plots



Number of particles in Calo CaloPos\_FrontPlate Total:30462.4 Number of photons: 17596.6 Number of electrons: 12769.5 Number of positrons: 96.4014  
Total energy in Calo from sumCaloPos\_FrontPlate Total:47.169 Number of photons: 42.3174 Number of electrons: 4.23271 Number of positrons: 0.618914

Number of particles in Calo CaloPos\_1GeV\_FrontPlate Total:0 Number of photons: 0 Number of electrons: 0 Number of positrons: 0  
Total energy in Calo from sumCaloPos\_1GeV\_FrontPlate Total:0 Number of photons: 0 Number of electrons: 0 Number of positrons: 0