total E deposition Edep nof entries **Entries** 1000 30 Mean 9.151 Std Dev 5.221 χ^2 / ndf 25 173.7 / 186 Constant 69.47 ± 3.57 **MPV** 6.372 ± 0.102 20 Sigma 1.366 ± 0.062 15 10 5 5 10 25 30 35 45 15 20 40 **50** energy deposit per cm (keV)