kinetic energy of the beam proton vs. z (simulation) 10 25 kinetic energy of proton (MeV) 2544 **Entries** 14.08 Mean x Mean y 12.73 3.728 Std Dev x 20 Std Dev y 6.875 15 10 5 0 5 15 20 30 35 45 10 25 40 [cm]