hep pdf hhep 50000 S **Entries** 1355 g 3.051 Mean x 45000 Mean y 1396 0.9516 RMS x 40000 RMS y 426.5 0.6 35000 30000 0.5 25000 0.4 20000 0.3 15000 0.2 10000 0.1 5000 0_L 0 5 15 20 25 30 35 45 50 10 40 S1