hep pdf hhep 20000 S Entries 4740 3.335 Mean x 18000 Mean y 955.3 1.093 RMS x 16000 RMS y 300.6 14000 0.4 12000 10000 0.3 8000 0.2 6000 4000 0.1 2000 0 2 8 10 12 16 18 20 6 14 S1