hep pdf hhep 50000 S **Entries** 6643 3.071 Mean x 45000 Mean y 1817 0.992 RMS x 40000 662.6 RMS y 35000 30000 0.6 25000 20000 0.4 15000 10000 0.2 5000 0, 0 8 10 12 16 18 20 14 S1