hep pdf hhep 50000 S **Entries** 6580 Mean x 3.09 45000 Mean y 1829 1.004 RMS x 40000 RMS y 662.6 35000 8.0 30000 0.6 25000 20000 0.4 15000 10000 0.2 5000 0, 0 8 10 12 16 18 20 14 S1