hep pdf hhep **50**000 **Entries** 1357 Mean x 2.987 45000 Mean y 1397 0.9174 RMS x 40000 425.2 RMS y 35000 0.6 30000 0.5 25000 0.4 20000 0.3 15000 0.2 10000 0.1 5000 0 L 0 10 15 20 25 30 35 45 50 40 S1