B8 pdf hB8 50000 S **Entries** 4873 3.039 Mean x 45000 Mean y 1291 0.944 RMS x 40000 RMS y 418.2 35000 30000 0.08 25000 0.06 20000 15000 0.04 10000 0.02 5000 0 15 20 25 30 35 45 50 10 40 S1