Det NR pdf hDetN 50000 S **Entries** 725946 Mean x 16.6 45000 8666 Mean y RMS x 12.39 40000 RMS y 3645 0.5 35000 30000 0.4 25000 0.3 20000 15000 0.2 10000 0.1 5000 0_{r}^{0} 0 5 15 20 25 30 35 45 50 10 40

S1