Det NR pdf hDetN 50000 S **Entries** 722705 Mean x 16.52 45000 Mean y 9223 RMS x 12.4 40000 RMS y 3949.5 35000 30000 0.4 25000 0.3 20000 15000 0.2 10000 0.1 5000 0_{Γ}^{0} 0 5 15 20 25 30 35 45 50 10 40

S1