atm pdf hatm 50000 S **Entries** 699656 Mean x 12.99 45000 Mean y 8499 k RMS x 10.17 40000 RMS y 3682 0.25 35000 30000 0.2 25000 0.15 20000 15000 0.1 10000 0.05 5000 0<sup>L</sup> 0 15 20 25 30 35 45 50 10 40 S1