simulated p hsp dN/dp **Entries** 2.545346e+07 Mean 0.3744 9000 Std Dev 0.1342 8000 7000 6000 5000 4000 3000 2000 1000 0 -0.1 0.2 0.3 0.5 0.1 0.4 0.6 p [GeV/c]