



CMSpPb, $\sqrt{s_{\text{NN}}} = 8.16$ TeV ($185 \leq N_{\text{trk}} < 250$)

Pseudo-experiments

3000

 $0 < p_{\text{T}} < 8$ GeV/ c $|x_{\text{obs}} - \langle x_{n_q=3} \rangle| = 3.5 \sigma$  $n_q = 2$  $n_q = 3$  Observed

2000

1000

0

-100

-50

0

50

100

 $-2 \ln(L_{n_q=3}/L_{n_q=2})$ 