

CMS Preliminary

MCNonPromptRapidity

Entries / (5 MeV/c²)

180

160

140

120

100

80

60

40

20

0

 $|y| < 1.0$ $0.300 < D \text{ rapidity} < 0.600$

• Data

— Fit

D⁰+D⁰ SignalK- π swapped

--- Combinatorial

 $m_{\pi K} \text{ (GeV/c}^2\text{)}$

2

1.7

1.75

1.8

1.85

1.9

1.95