

PbPb 1.7 nb<sup>-1</sup>, pp 28.0 pb<sup>-1</sup> (5.02 TeV)

**CMS**

*Preliminary*

Cent. 0-90%

$1.6 < |y| < 2.4$

● Prompt  $\psi(2S)$

■ Non Prompt  $\psi(2S)$

$R_{AA}$

1.4  
1.2  
1  
0.8  
0.6  
0.4  
0.2  
0

$p_T$  (GeV/c)

0

5

10

15

20

25

30

35

40

45

50

0

5

10

15

20

25

30

35

40

45

50

0

5

10

15

20

25

30

35

40

45

50