

PbPb 1.61 nb<sup>-1</sup>, pp 300.2 pb<sup>-1</sup> (5.02 TeV)

**CMS**

*Preliminary*

$3.5 < p_T < 40$  GeV/c

$1.6 < |y| < 2.4$

● Prompt  $\psi(2S)$

■ Non Prompt  $\psi(2S)$

$R_{AA}$

1.4  
1.2  
1  
0.8  
0.6  
0.4  
0.2  
0

0

50

100

150

200

250

300

350

400

$\langle N_{Part} \rangle$

