

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

**CMS**

*Preliminary*

$6.5 < p_T < 40$  GeV/c

$|y| < 1.6$

$R_{AA}$

- **Prompt  $\psi(2S)$  New Data**
- ◆ **Prompt  $J/\psi$  New Data**
- **Prompt  $\psi(2S)$  HIN-16-025,  $6.5 < p_T < 30$  GeV/c**
- ◇ **Prompt  $J/\psi$  HIN-16-025**
- ◆ **Prompt  $J/\psi$  ATLAS,  $|y| < 2$ ,  $9 < p_T < 40$  GeV/c**

0

0.2

0.4

0.6

0.8

1.0

1.2

1.4

$\langle N_{Part} \rangle$

0

50

100

150

200

250

300

350

400