

PbPb (1.61 nb⁻¹) + pp (302 pb⁻¹), 5.02 TeV

CMS
Preliminary

$B_c^+ \rightarrow (J/\psi \rightarrow \mu^- \mu^+) \mu^+ \nu_\mu$

Centrality 0-90%

$1.3 < |y^{\mu\mu\mu}| < 2.3$

$|y^{\mu\mu\mu}| < 2.3$



pp



pp



PbPb



PbPb

$$\rho_{1-2}^{pp} = 0.68$$

$$\rho_{1-2}^{PbPb} = 0.44$$

$$\left(\frac{1}{N_{MB}} \frac{dN_{PbPb}^{B_c}}{dp_T^{\mu\mu\mu} dy^{\mu\mu\mu}} \right) \text{ [pb/GeV]}$$
 or

$$\text{BF} \times \left(\frac{d\sigma_{pp}^{B_c}}{dp_T^{\mu\mu\mu} dy^{\mu\mu\mu}} \right)$$

