

Events / ( 0.25 )

**CMS***Preliminary*

2015 HI Soft Muon ID

HLT\_HIL1DoubleMu0\_v1

 $6.5 \leq p_{\text{T}}^{\mu\mu} < 8.5 \text{ GeV}/c$  $0.0 \leq |y^{\mu\mu}| < 0.6$ 

Cent. 0-100%

● Data  
 — Total fit  
 — PR Gauss 1  
 — PR Gauss 2  
 — PR Gauss 3

$$N_{J/\psi}^{\text{PbPb}} = 838 \pm 31$$

$$f_{\text{Res}}^{\text{PbPb}} = 0.9659 \pm 0.1116$$

$$f_{\text{Res}}^{\text{PbPb}} = 0.5595 \pm 1.8877$$

$$(s_2/s_1)_{\text{Res}}^{\text{PbPb}} = 1.6316 \pm 0.1936$$

$$(s_3/s_2)_{\text{Res}}^{\text{PbPb}} = 3.3731 \pm 2.5904$$

$$s1_{\text{Res}}^{\text{PbPb}} = 0.7758 \pm 0.7766$$

