

Events / ( 0.25 )

**CMS***Preliminary*

2015 HI Soft Muon ID

HLT\_HIL1DoubleMu0\_v1

 $6.5 \leq p_T^{\mu\mu} < 50.0$  GeV/c $0.0 \leq |y^{\mu\mu}| < 2.4$ 

Excl: (0.2071%) 265 evts

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

$$N_{J/\psi}^{PP} = 117363 \pm 354$$

$$f_{Res}^{PP} = 0.9653 \pm 0.0097$$

$$f_{Res}^{PP} = 0.7630 \pm 0.1089$$

$$(s_2/s_1)_{Res}^{PP} = 1.6031 \pm 0.1110$$

$$(s_3/s_2)_{Res}^{PP} = 2.6316 \pm 0.2336$$

$$s1_{Res}^{PP} = 0.8428 \pm 0.0348$$

Pull

 $\chi^2/\text{ndof} = 41 / 34$ 

$$\frac{l_{J/\psi}}{\sigma_{J/\psi}}$$
