

pp nonprompt J/ ψ MC (5.02 TeV)

2015 HI Soft Muon ID
HLT_HIL1DoubleMu0_v1
 $8.5 \leq p_T^{\mu\mu} < 9.5$ GeV/c
 $1.8 \leq |y^{\mu\mu}| < 2.4$

● MC data

— Total fit

CMS

Preliminary

$$N_{J/\psi}^{PP} = 1260 \pm 35$$

$$\lambda_{DSS_{J/\psi}}^{PP} = 0.3835 \pm 0.0108 \text{ mm}$$

Events / (0.025 mm)

10^2

10

1

Pull

6
4
2
0
-2
-4
-6

$$\chi^2/\text{ndof} = 47 / 80$$

$l_{J/\psi}$ MC True (mm)

-1 -0.5 0 0.5 1 1.5 2 2.5 3 3.5 4

