

Events / (0.0222222 GeV/c²)

$3.5 < p_{\text{T}}^{\mu\mu} < 50.0 \text{ GeV/c}; 1.6 < |y^{\mu\mu}| < 2.4; \text{Cent. 0 - 20\%}$

$N_{\psi(2\text{S})} = 2362 \pm 246, N_{\text{Bkg}} = 189945 \pm 460$

$m_{\psi(2\text{S})} = 3.6709 \pm 0.0079$

$\alpha_{\psi(2\text{S})} = 1.5058 \text{ (fixed)}$

$f_{\psi(2\text{S})} = 0.4154 \text{ (fixed)}$

$n_{\psi(2\text{S})} = 4.5816 \text{ (fixed)}$

$\sigma 1_{\psi(2\text{S})} = 74.55 \pm 9.61 \text{ MeV/c}^2, (\sigma 2/\sigma 1)_{\psi(2\text{S})} = 0.640 \text{ (fixed)}$

• Data

— Total

- - - Background

