
Fiducial requirement

$$40 < m_{\ell^+\ell^-} < 80 \text{ GeV}$$

$$|\eta(\text{electrons})| < 2.5, \quad |\eta(\text{muons})| < 2.4$$

$$p_T(\ell_1, \ell_2, \mu, \mu) > (30, 15, 3.5, 3.5) \text{ GeV}$$

$$\text{Signal: } p_T^{J/\psi} > 8.5 \text{ GeV}$$

$$\text{Reference channel: } 4 < m(\mu^\pm \mu^\mp) < 80 \text{ GeV}$$
