

$$\frac{d\sigma}{dp_1 dp_2} = \left[ \frac{d\sigma(m)}{dm} \right] \left[ \frac{d\sigma(y)}{dy} \right] \left[ \frac{d\sigma(p_T, y)}{dp_T dy} \left( \frac{d\sigma(y)}{dy} \right)^{-1} \right] \left[ (1 + \cos^2 \theta) + \sum_{i=0}^7 A_i(p_T, y) P_i(\cos \theta, \phi) \right]$$

Breit-Wigner

NNLO pQCD

Parton Shower