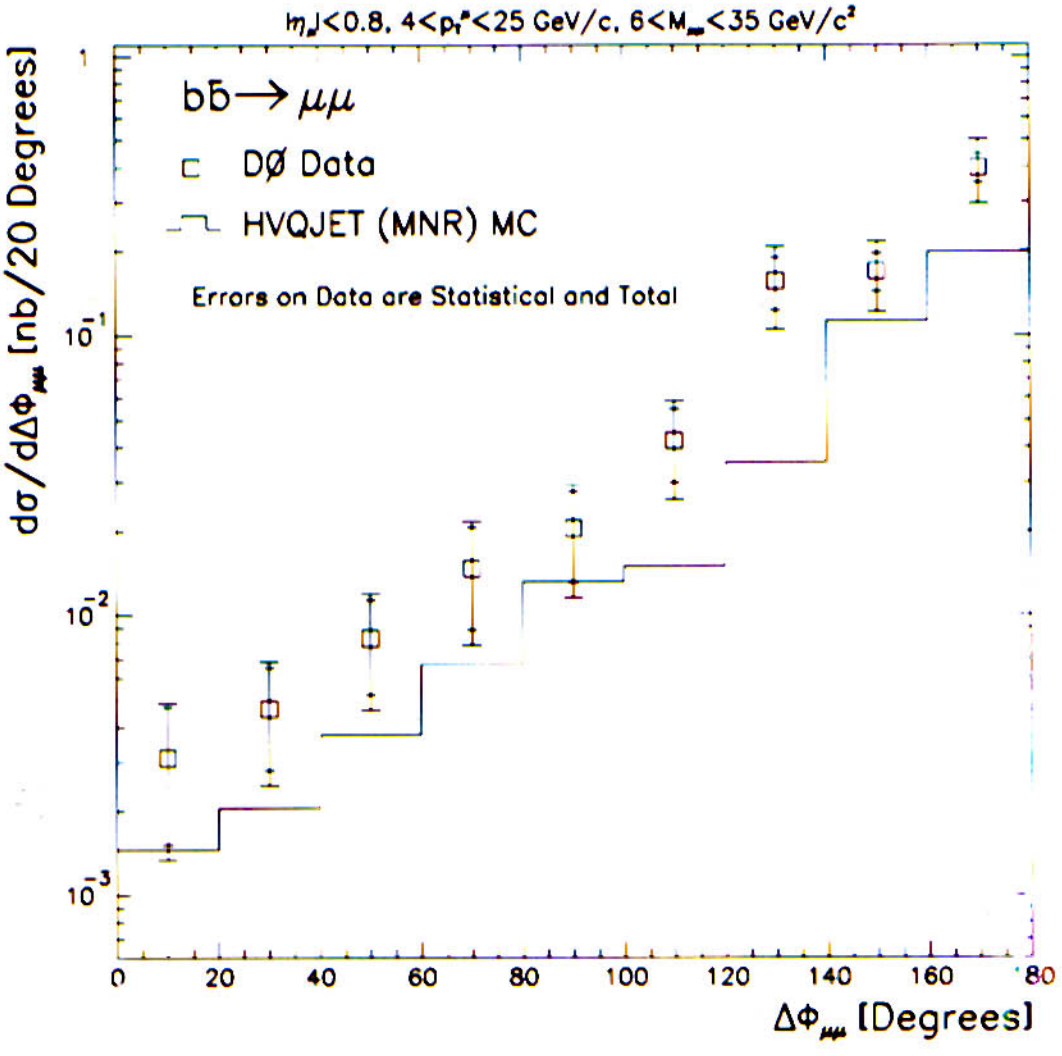
$b\bar{b}$ Production and Dimuon Correlations (DØ)

$$\int \mathcal{L} dt \approx 6.5 \text{pb}^{-1}$$

$$|\eta^{\mu}| < 0.8,\ 4 < p_T^{\mu} < 25\ \text{GeV/c},\ 6 < m_{\mu\mu} < 35\ \text{GeV/c}^2$$



Sample composition ($b\bar{b}$, $c\bar{c}$, DIF, etc.) determined from the differences in distributions for p_T^{rel} and energy fraction of the muons with respect to an associated jet.