

Data / SM

ection of product of Poissons accross bins for a single channel

ATLAS Internal

$$\int \mathcal{L} dt = 3.0 \text{ fb}^{-1}$$

- Toy Data (3.0 fb^{-1} , $\sqrt{s} = 13 \text{ TeV}$)
- Diboson WZ
- Rare
- $t\bar{t} + Z$
- Diboson WW
- $t\bar{t} + W$
- Reducible (top)
- Diboson ZZ
- Reducible (V-jets)
- $g \rightarrow q'WZ\chi_0, m_{\tilde{g}}=750, m_{\tilde{q}}=100$
- $g \rightarrow q\bar{q}'WZ\chi_0, m_{\tilde{g}}=1000, m_{\tilde{q}}=600$
- $g \rightarrow q\bar{q}'WZ\chi_1, m_{\tilde{g}}=1300, m_{\tilde{q}}=100$

