

CMS Preliminary
19.6 fb⁻¹ (8 TeV)

	Data
MG5 + PY6 ($\leq 4j$ LO + PS)	Blue circle with error bars
MG5_aMC + PY8 ($\leq 2j$ NLO + PS)	Pink diamond with error bars
BLACKHAT(BH) + SHERPA (NLO)	Orange square with error bars
NNLO1j	Purple inverted triangle with error bars
BH + SHERPA 2 ($\leq 2j$ NLO 3,4j LO + PS)	Green triangle with error bars

$d\sigma / d|\eta(j_1)|$ [pb]

MG5/Data

Theory/Data

SHERPA2/Data

anti- k_T ($R = 0.5$) Jets
 $p_T^{\text{jet}} > 30 \text{ GeV}$, $|\eta^{\text{jet}}| < 2.4$
 $W (\rightarrow \mu\nu) + \geq 1 \text{ jet}$

