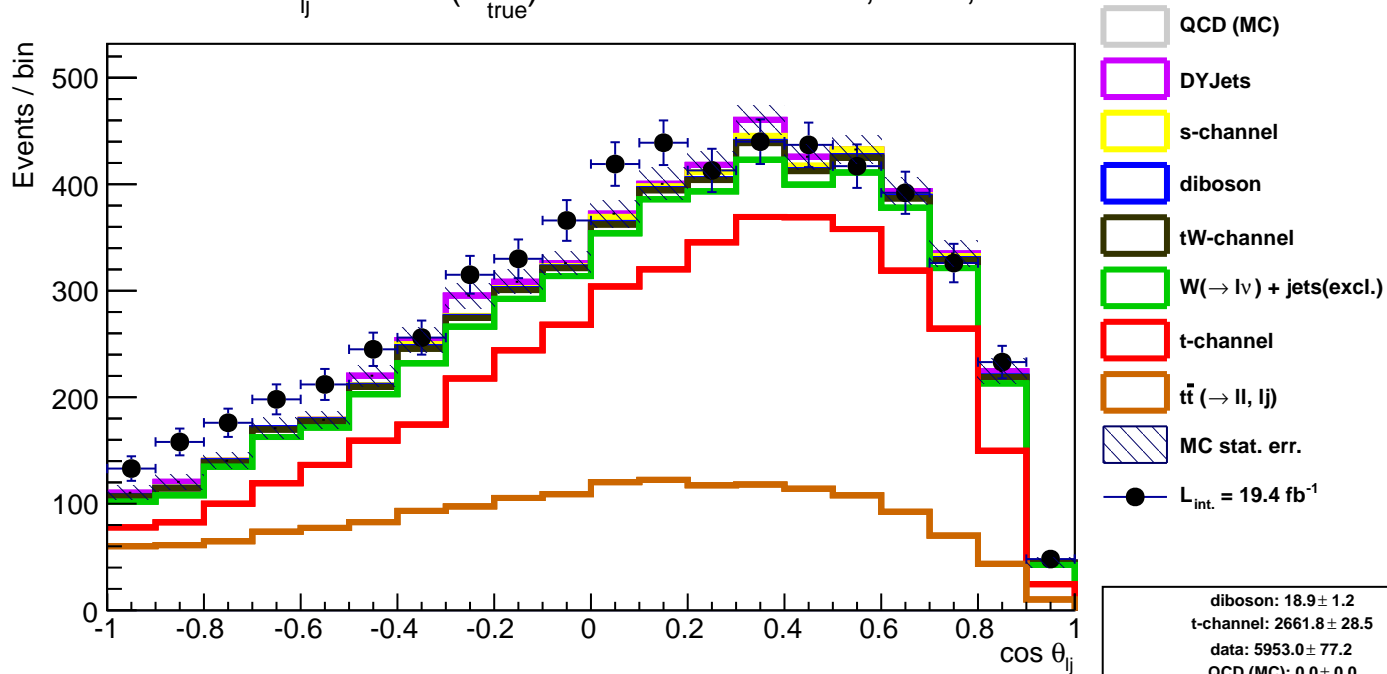


# $\cos \theta_{lj}$ with $PU(N_{\text{true}})$ rew. in mu channel, 2J1T, final selection



diboson:  $18.9 \pm 1.2$

t-channel:  $2661.8 \pm 28.5$

data:  $5953.0 \pm 77.2$

QCD (MC):  $0.0 \pm 0.0$

$W(\rightarrow l\nu) + \text{jets(excl.)}$ :  $905.1 \pm 34.8$

tW-channel:  $166.3 \pm 10.0$

$t\bar{t}(\rightarrow ll, lj)$ :  $1740.6 \pm 8.6$

DYJets:  $96.1 \pm 14.8$

s-channel:  $43.1 \pm 6.2$