

Table 1: Your caption must be on top for tables. (18848.4  $pb^{-1}$  of int. lumi.)

	$t\bar{t} + jets_{PU20bx25}$	$t\bar{t} + jets_{PU40bx50}$
initial	12032.3	12646.4
Event cleaning and Trigger	12029.3	12642.3
At least 2 op sign Muons	107.7	124.5
Muons Isolated (PFRelIso04 $\leq$ 0.2)	63.1	82.0
Highest 2 pT Muon Mass $\geq 20GeV$	62.0	80.7
Z Veto ( $m_Z \pm 15GeV$ )	49.3	62.5
At least 2 Jets	49.1	62.1
MET $\geq 40GeV$	38.6	49.6
At least 1 CSVL Jet	35.4	46.1
At least 2 CSVL Jets	21.6	27.2

Table 2: Your caption must be on top for tables. (18848.4  $pb^{-1}$  of int. lumi.)

	$t\bar{t} + jets_{PU20bx25}$	$t\bar{t} + jets_{PU40bx50}$
initial	142357.0 $^{+0.0}_{-1.0}$	149623.0 $^{+0.0}_{-1.0}$
Event cleaning and Trigger	142322.0 $^{+5.0}_{-6.0}$	149574.0 $^{+7.0}_{-8.0}$
At least 2 op sign Muons	1274.0 $^{+36.0}_{-35.0}$	1473.0 $^{+39.0}_{-38.0}$
Muons Isolated (PFRelIso04 $\leq$ 0.2)	746.0 $^{+28.0}_{-27.0}$	970.0 $^{+32.0}_{-31.0}$
Highest 2 pT Muon Mass $\geq 20GeV$	734.0 $^{+28.0}_{-27.0}$	955.0 $^{+31.0}_{-30.0}$
Z Veto ( $m_Z \pm 15GeV$ )	583.0 $^{+25.0}_{-24.0}$	739.0 $^{+28.0}_{-27.0}$
At least 2 Jets	581.0 $^{+25.0}_{-24.0}$	735.0 $^{+28.0}_{-27.0}$
MET $\geq 40GeV$	457.0 $^{+22.0}_{-21.0}$	587.0 $^{+25.0}_{-24.0}$
At least 1 CSVL Jet	419.0 $^{+21.0}_{-20.0}$	546.0 $^{+24.0}_{-23.0}$
At least 2 CSVL Jets	255.0 $^{+16.0}_{-15.0}$	322.0 $^{+18.0}_{-17.0}$