

CMS SUMMER 2016

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Process	No cut	PreSelection	Met > 540	$m_T > 100$	p_T (Jet) > 550
wjets	142582.00 \pm 301.48	3232.41 \pm 29.83	161.76 \pm 4.43	3.35 \pm 0.63	1.42 \pm 0.39
ttbar	36866.00 \pm 116.26	831.09 \pm 17.45	14.30 \pm 2.29	1.10 \pm 0.63	0.00 \pm 0.00
Total Background	179448.00 \pm 323.12	4063.50 \pm 34.56	176.06 \pm 4.99	4.45 \pm 0.89	1.42 \pm 0.39
Signal	1206.00 \pm 11.06	277.08 \pm 5.30	38.32 \pm 1.97	7.81 \pm 0.89	4.16 \pm 0.65
Signal + Background	180654.00 \pm 323.31	4340.58 \pm 34.97	214.38 \pm 5.36	12.26 \pm 1.26	5.58 \pm 0.76
Data	180032.00 \pm 424.30	4172.00 \pm 64.59	184.00 \pm 13.56	8.00 \pm 2.83	2.00 \pm 1.41

Table 1: Yields for case1New