CMS SUMMER 2016

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July 2016

Process	No cut	PreSelection	Met > 540	$Cos(\Delta\phi) < 0.25$	$H_T\ (20) > 700$
wjets	142582.00 ±301.48	3232.41 ±29.83	161.76 ±4.43	6.56 ±0.91	2.29 ±0.50
ttbar	36866.00 ±116.26	831.09 ±17.45	14.30 ±2.29	1.10 ±0.63	0.37 ±0.37
Total Background	179448.00 ± 323.12	4063.50 ± 34.56	176.06 ± 4.99	7.66 ± 1.11	2.66 ± 0.62
Signal	1206.00 ± 11.06	277.08 ± 5.30	38.32 ± 1.97	8.11 ± 0.91	5.78 ± 0.77
Signal + Background	180654.00 ± 323.31	4340.58 ± 34.97	214.38 ± 5.36	15.77 ± 1.43	8.44 ± 0.99
Data	180032.00 ± 424.30	4172.00 ± 64.59	184.00 ± 13.56	10.00 ± 3.16	3.00 ± 1.73

Table 1: Yields for case2New