

resolved 2b category

Process	$\mu\tau_h$	$e\tau_h$	$\tau_h\tau_h$
$t\bar{t}$	1501.6 ± 169.1	975.7 ± 112.9	15.4 ± 1.9
multijet	72.4 ± 8.7	53.7 ± 7.4	44.2 ± 6.2
Z+jets	18.7 ± 2.4	9.6 ± 1.2	9.8 ± 1.6
W+jets	12.8 ± 1.2	11.4 ± 1.1	1.4 ± 0.1
single top	45.1 ± 4.5	24.5 ± 2.6	1.5 ± 0.2
di-boson	2.2 ± 0.3	1.2 ± 0.2	0.53 ± 0.08
Total expected background	1652.8 ± 169.5	1076.2 ± 113.2	72.8 ± 6.7
$m_H = 300 \text{ GeV}$	22.0	16.2	3.3
$m_H = 550 \text{ GeV}$	58.2	31.8	44.3
$m_H = 800 \text{ GeV}$	46.6	20.7	49.0
DATA	1638	1065	82