

Selection requirement	T5HH(1000,1)	T5HH(1600,1) [Events]	T5HH(2200,1)
All events	49365.6	1169.1	47.9
Hadronic baseline	22952.0	642.3	28.0
$N_{AK8}(p_T > 300 \text{ GeV}) \geq 2$	11297.7	474.1	22.9
$m_{J1\&2} [60,260] \text{ GeV}$	6326.2	273.8	13.3
Resolved event veto	5974.4	269.0	13.3
$m_{J1\&2} [95,145] \text{ GeV}$	2852.4	155.3	7.9
$D_{bb, J1xor2} > 0.7 (N_H = 1)$	1396.9	73.4	3.7
$D_{bb, J1\&2} > 0.7 (N_H = 2)$	984.7	60.8	3.1