

Search region	Global fit	Predictive fit	Observed yields	TChiHH (225,1)	TChiHH (400,1)	TChiHH (700,1)
$150 < p_T^{\text{miss}} \leq 200 \text{ GeV}$						
SBD, 2b	$1560.1^{+39.7}_{-38.5}$	—	1559	5.8	1.3	0.0
HIG, 2b	$656.2^{+25.2}_{-24.6}$	—	658	11.5	2.4	0.1
SBD, 3b	$140.3^{+10.8}_{-10.3}$	—	145	5.1	0.9	0.0
HIG, 3b	$57.7^{+5.5}_{-5.2}$	$61.2^{+8.4}_{-7.7}$	53	10.9	2.5	0.1
SBD, 4b	$48.1^{+6.4}_{-5.8}$	—	45	5.8	1.1	0.0
HIG, 4b	$21.9^{+3.5}_{-3.2}$	$19.0^{+4.6}_{-3.9}$	25	21.8	5.4	0.2
$200 < p_T^{\text{miss}} \leq 300 \text{ GeV}$						
SBD, 2b	$588.0^{+24.2}_{-23.5}$	—	585	3.0	3.2	0.1
HIG, 2b	$333.1^{+17.9}_{-17.6}$	—	336	6.0	6.6	0.3
SBD, 3b	$55.3^{+6.5}_{-5.9}$	—	61	2.2	2.6	0.1
HIG, 3b	$30.6^{+3.9}_{-3.6}$	$35.1^{+5.9}_{-5.5}$	25	5.0	6.2	0.3
SBD, 4b	$15.6^{+3.8}_{-3.1}$	—	13	2.4	3.3	0.1
HIG, 4b	$11.4^{+3.0}_{-2.5}$	$7.5^{+3.8}_{-2.7}$	14	14.3	15.7	0.8
$300 < p_T^{\text{miss}} \leq 450 \text{ GeV}$						
SBD, 2b	$72.4^{+8.7}_{-8.1}$	—	74	0.0	1.9	0.2
HIG, 2b	$40.6^{+6.3}_{-6.0}$	—	39	0.4	4.9	0.7
SBD, 3b	$5.7^{+2.2}_{-1.8}$	—	4	0.1	1.6	0.2
HIG, 3b	$3.3^{+1.4}_{-1.1}$	$2.1^{+1.4}_{-1.0}$	5	0.9	4.6	0.5
SBD, 4b	$1.9^{+1.4}_{-0.9}$	—	2	0.2	1.5	0.2
HIG, 4b	$1.1^{+0.8}_{-0.5}$	$1.1^{+1.0}_{-0.6}$	1	2.0	10.3	1.5
$p_T^{\text{miss}} > 450 \text{ GeV}$						
SBD, 2b	$5.4^{+2.5}_{-2.1}$	—	5	0.0	0.1	0.2
HIG, 2b	$4.6^{+2.2}_{-1.9}$	—	5	0.0	0.4	0.9
SBD, 3b	$0.6^{+0.8}_{-0.4}$	—	1	0.1	0.1	0.2
HIG, 3b	$0.4^{+0.6}_{-0.3}$	$1.0^{+1.6}_{-1.0}$	0	0.0	0.4	0.7
SBD, 4b	$0.0^{+0.3}_{-0.0}$	—	0	0.0	0.1	0.2
HIG, 4b	$0.0^{+0.3}_{-0.0}$	$0.0^{+1.2}_{-0.0}$	0	0.0	1.1	2.0