

SR bin	Genuine τ_h	Misidentified τ_h	Total SM	Observed	Prompt signal	Displaced τ_h signal
1	18.8 ± 4.4	39.6 ± 8.5	58.4 ± 9.6	65	0.6 ± 0.1	0.1 ± 0.1
2	25.9 ± 6.2	21.8 ± 5.5	47.7 ± 8.2	40	1.7 ± 0.3	0.6 ± 0.2
3	21.4 ± 4.9	26.1 ± 6.0	47.5 ± 7.7	38	1.4 ± 0.3	0.3 ± 0.1
4	$1.3^{+1.0}_{-0.6}$	$2.1^{+1.5}_{-1.4}$	$3.4^{+1.8}_{-1.5}$	4	0.5 ± 0.1	0.1 ± 0.1
5	$0.5^{+0.5}_{-0.3}$	$0.1^{+0.7}_{-0.1}$	$0.6^{+0.9}_{-0.4}$	1	0.0 ± 0.0	<0.6
6	$1.0^{+0.9}_{-0.6}$	$1.6^{+1.1}_{-0.9}$	$2.5^{+1.5}_{-1.1}$	1	0.0 ± 0.0	<0.6
7	14.6 ± 3.9	3.7 ± 3.0	18.3 ± 4.9	28	1.8 ± 0.3	0.4 ± 0.2
8	$2.5^{+1.1}_{-0.9}$	2.7 ± 1.5	$5.2^{+1.9}_{-1.8}$	7	0.6 ± 0.1	0.1 ± 0.0
9	$2.1^{+1.3}_{-1.0}$	2.2 ± 1.6	$4.3^{+2.1}_{-1.9}$	4	1.9 ± 0.3	0.4 ± 0.1
10	$1.8^{+0.9}_{-0.7}$	$2.7^{+1.3}_{-1.1}$	$4.5^{+1.6}_{-1.3}$	0	0.8 ± 0.2	0.1 ± 0.1
11	$5.2^{+2.1}_{-1.8}$	4.2 ± 2.2	$9.4^{+3.1}_{-2.9}$	7	1.2 ± 0.2	0.3 ± 0.1
12	$1.5^{+1.3}_{-0.9}$	$1.7^{+1.4}_{-1.2}$	$3.2^{+1.9}_{-1.5}$	3	1.4 ± 0.3	0.4 ± 0.1
13	$1.1^{+1.1}_{-0.6}$	$0.1^{+1.0}_{-0.1}$	$1.1^{+1.5}_{-0.6}$	3	1.3 ± 0.2	0.3 ± 0.1
14	$0.2^{+0.5}_{-0.2}$	$0.5^{+0.8}_{-0.4}$	$0.7^{+0.9}_{-0.5}$	0	0.2 ± 0.1	0.0 ± 0.0
15	$8.9^{+2.9}_{-2.6}$	2.2 ± 2.6	$11.1^{+3.9}_{-3.7}$	17	3.0 ± 0.4	0.6 ± 0.2
16	$3.2^{+1.6}_{-1.3}$	<1.0	$3.2^{+1.9}_{-1.3}$	4	3.1 ± 0.5	0.7 ± 0.2
17	$2.5^{+1.4}_{-1.1}$	$3.0^{+1.5}_{-1.3}$	$5.5^{+2.1}_{-1.7}$	0	2.3 ± 0.4	0.6 ± 0.2
18	$0.7^{+1.0}_{-0.5}$	$0.9^{+0.8}_{-0.5}$	$1.6^{+1.3}_{-0.7}$	0	1.9 ± 0.3	0.4 ± 0.1
19	34.6 ± 7.9	23.8 ± 5.5	58.4 ± 9.6	45	0.9 ± 0.2	0.3 ± 0.1
20	35.7 ± 7.7	17.7 ± 4.8	53.4 ± 9.0	53	0.6 ± 0.1	0.3 ± 0.1
21	19.5 ± 4.9	5.4 ± 2.6	24.9 ± 5.5	15	0.7 ± 0.2	0.2 ± 0.1
22	11.4 ± 3.0	8.0 ± 3.0	19.4 ± 4.2	15	0.9 ± 0.2	0.2 ± 0.1
23	$4.5^{+1.5}_{-1.3}$	2.3 ± 1.6	$6.8^{+2.2}_{-2.1}$	6	0.3 ± 0.1	0.0 ± 0.0
24	$7.3^{+2.7}_{-2.4}$	4.7 ± 2.4	$12.0^{+3.6}_{-3.4}$	10	0.5 ± 0.1	0.2 ± 0.1
25	$4.6^{+1.9}_{-1.6}$	$2.3^{+1.4}_{-1.2}$	$6.9^{+2.3}_{-2.0}$	2	0.6 ± 0.1	0.1 ± 0.1
26	$2.3^{+1.3}_{-1.0}$	<1.3	$2.3^{+1.9}_{-1.0}$	3	0.4 ± 0.1	0.2 ± 0.1
27	15.8 ± 4.1	2.8 ± 3.1	18.6 ± 5.2	23	2.8 ± 0.4	0.8 ± 0.2
28	$0.9^{+0.9}_{-0.5}$	$1.4^{+1.1}_{-0.9}$	$2.3^{+1.5}_{-1.0}$	2	1.0 ± 0.2	0.4 ± 0.1
29	$1.5^{+1.2}_{-0.8}$	$1.9^{+1.4}_{-1.1}$	$3.4^{+1.9}_{-1.4}$	3	0.6 ± 0.1	0.1 ± 0.1
30	$3.6^{+1.5}_{-1.3}$	$0.7^{+1.3}_{-0.7}$	$4.3^{+2.0}_{-1.5}$	5	0.9 ± 0.2	2.6 ± 0.7
31	<0.5	<0.4	$0.0^{+0.7}_{-0.0}$	0	0.2 ± 0.1	1.0 ± 0.3