

Bin	$N_{\text{H}}$	$p_{\text{T}}^{\text{miss}}$ [GeV]	$N_{\text{SR, tot}}^{\text{pred}}$	$f_{\text{pTmiss}}$	$N_{\text{SR}}^{\text{pred}}$	$N_{\text{SR}}^{\text{fit}}$	$N_{\text{SR}}^{\text{obs}}$
17		300–500		$0.789 \pm 0.030$	$33.6^{+6.1}_{-5.2}$	$37.0^{+4.2}_{-4.0}$	42
18	1	500–700	$42.6 \pm 4.2$	$0.172 \pm 0.028$	$7.3^{+2.0}_{-1.6}$	$7.2^{+1.5}_{-1.3}$	6
19		>700		$0.039 \pm 0.014$	$1.65^{+1.04}_{-0.66}$	$1.50^{+0.75}_{-0.53}$	1
20		300–500		$0.789 \pm 0.030$	$4.0^{+1.5}_{-1.1}$	$4.0^{+1.2}_{-1.0}$	4
21	2	500–700	$5.1 \pm 1.0$	$0.172 \pm 0.028$	$0.88^{+0.40}_{-0.28}$	$0.74^{+0.29}_{-0.21}$	0
22		>700		$0.039 \pm 0.014$	$0.20^{+0.21}_{-0.10}$	$0.14^{+0.13}_{-0.07}$	0