

SR	Prompt-lepton	Misidentified-lepton	Mismeasured-sign	Total bkgd.	N_{obs}
ee channel					
Low-mass SR1	$206 \pm 10 \pm 21$	$128 \pm 5 \pm 38$	$29.8 \pm 0.2 \pm 12.3$	$364 \pm 11 \pm 45$	324
Low-mass SR2	$281 \pm 12 \pm 28$	$143 \pm 7 \pm 43$	$36.4 \pm 0.2 \pm 10.7$	$461 \pm 14 \pm 53$	460
High-mass SR1	$236 \pm 10 \pm 25$	$141 \pm 6 \pm 42$	$45.2 \pm 0.3 \pm 24.0$	$422 \pm 12 \pm 55$	382
High-mass SR2	$8.0 \pm 1.3 \pm 1.6$	$2.0 \pm 0.6 \pm 0.6$	$0.91 \pm 0.05 \pm 0.80$	$10.9 \pm 1.5 \pm 1.9$	10
$\mu\mu$ channel					
Low-mass SR1	$151 \pm 6 \pm 16$	$276 \pm 7 \pm 83$	—	$426 \pm 9 \pm 84$	487
Low-mass SR2	$209 \pm 8 \pm 19$	$393 \pm 9 \pm 118$	—	$602 \pm 12 \pm 120$	663
High-mass SR1	$166 \pm 6 \pm 20$	$244 \pm 6 \pm 73$	—	$410 \pm 9 \pm 76$	502
High-mass SR2	$7.1 \pm 0.8 \pm 1.9$	$4.4 \pm 0.8 \pm 1.3$	—	$11.5 \pm 1.1 \pm 2.3$	13
$e\mu$ channel					
Low-mass SR1	$418 \pm 13 \pm 37$	$432 \pm 10 \pm 130$	—	$850 \pm 17 \pm 135$	907
Low-mass SR2	$566 \pm 17 \pm 47$	$464 \pm 12 \pm 139$	—	$1031 \pm 21 \pm 147$	1042
High-mass SR1	$463 \pm 14 \pm 42$	$409 \pm 10 \pm 123$	—	$871 \pm 17 \pm 129$	901
High-mass SR2	$16.8 \pm 1.9 \pm 3.6$	$7.4 \pm 1.3 \pm 2.2$	—	$24.2 \pm 2.3 \pm 4.2$	31