

sample	$N(A)$	$N(B)$	$N(C)$	$N(D)$	$N(D)_{\text{pred}}$
Loose selection					
$\mu$ channel: total SM MC	$25.1 \pm 0.6$	$37.1 \pm 0.7$	$19.3 \pm 0.5$	$30.6 \pm 0.6$	$28.5 \pm 1.1$
$\mu$ channel: data	$30.0 \pm 5.5$	$35.0 \pm 5.9$	$25.0 \pm 5.0$	$30 \pm 5.5$	$29.2 \pm 9.3$
$e$ channel: total SM MC	$20.0 \pm 0.5$	$31.5 \pm 0.9$	$14.6 \pm 0.5$	$23.6 \pm 0.5$	$22.9 \pm 1.2$
$e$ channel: data	$19.0 \pm 4.4$	$33.0 \pm 5.7$	$19.0 \pm 4.4$	$17.0 \pm 4.1$	$33.0 \pm 12.2$
Tight selection					
$\mu$ channel: total SM MC	$93.1 \pm 1.1$	$8.7 \pm 0.4$	$37.6 \pm 0.7$	$3.4 \pm 0.2$	$3.5 \pm 0.2$
$\mu$ channel: data	$98.0 \pm 9.9$	$4.0 \pm 2.0$	$41.0 \pm 6.4$	$5.0 \pm 2.2$	$1.7 \pm 0.9$
$e$ channel: total SM MC	$76.8 \pm 1.5$	$6.5 \pm 0.3$	$29.5 \pm 0.7$	$2.9 \pm 0.2$	$2.5 \pm 0.1$
$e$ channel: data	$80.0 \pm 8.9$	$4.0 \pm 2.0$	$30.0 \pm 5.5$	$2.0 \pm 1.4$	$1.5 \pm 0.8$