

Reducible background yields for 4μ and $2e2\mu$ in reference control region

Control region	$Zb\bar{b}$	$Z + \text{light-flavor jets}$	Total $Z + \text{jets}$	$t\bar{t}$
Combined fit	159 ± 20	49 ± 10	208 ± 22	210 ± 12

Inverted impact parameter			206 ± 18	208 ± 23
Inverted isolation			210 ± 21	201 ± 24
$e\mu + \mu\mu$			—	201 ± 12
Same-sign dilepton			198 ± 20	196 ± 22