

$M_R$ category	$Z(\nu\bar{\nu})+\text{jets}$	$W(\ell\nu)+\text{jets}$	$Z(\ell\ell)+\text{jets}$	$t\bar{t}$	MC predicted	Estimated	Observed
VL	$6231 \pm 37$	$4820 \pm 33$	$49 \pm 2$	$555 \pm 7$	$11655 \pm 50$	$12770 \pm 900$	11623
L	$2416 \pm 19$	$1513 \pm 16$	$11 \pm 1$	$104 \pm 3$	$4044 \pm 25$	$4170 \pm 270$	3785
H	$1127 \pm 7$	$625 \pm 9$	$2.9 \pm 0.3$	$24 \pm 1$	$1779 \pm 12$	$1650 \pm 690$	1559
VH	$229 \pm 2$	$103 \pm 3$	$0.2 \pm 0.1$	$3.1 \pm 0.5$	$335 \pm 3$	$240 \pm 160$	261