

Sample	SMT	DL1r <sub>c</sub>
ZZ+LF	$15.81 \pm 0.25$	$0.71 \pm 0.07$
ZZ+HF	$10.63 \pm 0.18$	$5.31 \pm 0.13$
WZ+LF	$20.59 \pm 0.37$	$2.18 \pm 0.12$
WZ+HF	$65.27 \pm 0.65$	$25.02 \pm 0.39$
VV (2l)	$0.15 \pm 0.09$	$0.05 \pm 0.04$
tWZ	$13.26 \pm 0.51$	$12.39 \pm 0.49$
$t\bar{t}W$	$2.55 \pm 0.14$	$2.04 \pm 0.12$
$t\bar{t}Z$ (2l)	$0.02 \pm 0.02$	$0.02 \pm 0.02$
$t\bar{t}Z$	$83.85 \pm 0.67$	$69.49 \pm 0.61$
Wt	$0.27 \pm 0.19$	$0.00 \pm 0.00$
tZ	$23.63 \pm 0.37$	$13.82 \pm 0.28$
$t\bar{t}$	$6.17 \pm 0.48$	$3.66 \pm 0.37$
Z+jets	$4.12 \pm 1.05$	$1.32 \pm 0.58$
4 tops	$0.20 \pm 0.01$	$0.09 \pm 0.01$
3 tops	$0.03 \pm 0.00$	$0.02 \pm 0.00$
VVV	$0.49 \pm 0.03$	$0.22 \pm 0.02$
VH	$1.76 \pm 0.86$	$0.00 \pm 0.00$
$t\bar{t}H$	$3.12 \pm 0.05$	$2.63 \pm 0.05$
$t\bar{t}WW$	$0.23 \pm 0.05$	$0.16 \pm 0.04$
Total bkg.	$252.14 \pm 1.91$	$139.13 \pm 1.17$
FCNC $t\bar{t}(cZ)$	$15.49 \pm 0.05$	$21.94 \pm 0.39$
FCNC (c)tZ	$1.74 \pm 0.04$	$1.21 \pm 0.03$