

Process		Signal region	Control regions				
			single e	single $\mu$	single $\tau$	$\mu^+\mu^-$	QCD
$Z(\mu^+\mu^-)+\text{jets}$	QCD	—	—	—	—	$4.2 \pm 1.1$	—
	EW	—	—	—	—	$2.0 \pm 0.7$	—
$Z(\nu\nu)+\text{jets}$	QCD	$47 \pm 12$	—	—	—	—	—
	EW	$21 \pm 7$	—	—	—	—	—
$W(\mu\nu)+\text{jets}$	QCD	$13 \pm 2$	—	$53 \pm 5$	$0.40 \pm 0.19$	—	$45 \pm 5$
	EW	$4.3 \pm 0.8$	—	$27 \pm 3$	—	—	$6.0 \pm 0.9$
$W(e\nu)+\text{jets}$	QCD	$9.3 \pm 1.5$	$17 \pm 3$	—	$0.2 \pm 2.2$	—	$39 \pm 4$
	EW	$5.4 \pm 1.1$	$7.8 \pm 1.3$	—	$0.2 \pm 0.13$	—	$6.1 \pm 1.0$
$W(\tau\nu)+\text{jets}$	QCD	$13 \pm 2$	$0.06 \pm 0.06$	—	$12 \pm 2$	—	$74 \pm 9$
	EW	$5.5 \pm 1.2$	—	—	$5.1 \pm 1.2$	—	$24 \pm 3$
Top quark		$2.3 \pm 0.4$	$1.5 \pm 0.3$	$6.8 \pm 0.9$	$7.1 \pm 1.0$	$0.22 \pm 0.06$	$82 \pm 11$
QCD multijet		$3 \pm 23$	—	$5 \pm 3$	$0.4 \pm 0.3$	—	$1200 \pm 170$
Dibosons		$0.7 \pm 0.3$	$0.4 \pm 0.4$	$0.8 \pm 0.4$	—	$0.02 \pm 0.02$	$1.8 \pm 0.7$
Total bkg.		$125 \pm 28$	$27 \pm 3$	$91 \pm 8$	$25 \pm 4$	$6.4 \pm 1.4$	$1500 \pm 170$
Data		126	29	89	24	7	1461
Signal $m_H = 125 \text{ GeV}$	qqH	$53.6 \pm 4.9$					
	ggH	$5.4 \pm 3.6$					