

LQ <sub>s</sub>	$\lambda = 0.5$	$\lambda = 1.0$	$\lambda = 1.5$	$\lambda = 2.0$	$\lambda = 2.5$
Initial events	100.00±0.00	100.00±0.00	100.00±0.00	100.00±0.00	100.00±0.00
Trigger	79.24±0.04	77.06±0.04	51.99±0.05	42.87±0.05	35.98±0.05
$p_T^{\text{miss}} \geq 200$ GeV	65.50±0.05	62.69±0.05	40.63±0.05	32.48±0.05	26.34±0.05
$H_T^{\text{miss}} \geq 200$ GeV	60.74±0.05	57.78±0.05	36.87±0.05	29.06±0.05	23.26±0.05
$H_T \geq 300$ GeV	55.24±0.05	51.99±0.05	32.55±0.05	25.17±0.04	19.73±0.04
# $\tau_h = 1$	5.91±0.02	5.57±0.02	3.53±0.02	2.71±0.02	2.11±0.02
# $e+\mu = 0$	5.02±0.02	4.72±0.02	2.99±0.02	2.30±0.02	1.79±0.02
$m_T(\tau_h, p_T^{\text{miss}}) \geq 300$ GeV	1.81±0.01	1.72±0.01	1.06±0.01	0.82±0.01	0.63±0.01
# top candidates $\geq 1$	1.39±0.01	1.32±0.01	0.81±0.01	0.63±0.01	0.47±0.01
# b jets $\geq 1$	1.02±0.01	0.97±0.01	0.59±0.01	0.47±0.01	0.35±0.01
LQ <sub>V</sub> $k = 1$	$\lambda = 1.0$	$\lambda = 1.5$	$\lambda = 2.0$	$\lambda = 2.5$	
Initial events	100.00±0.00	100.00±0.00	100.00±0.00	100.00±0.00	
Trigger	71.04±0.05	67.65±0.05	53.74±0.05	46.88±0.05	
$p_T^{\text{miss}} \geq 200$ GeV	53.08±0.05	50.14±0.05	39.51±0.05	34.09±0.05	
$H_T^{\text{miss}} \geq 200$ GeV	47.76±0.05	45.07±0.05	35.49±0.05	30.56±0.05	
$H_T \geq 300$ GeV	46.51±0.05	43.95±0.05	34.59±0.05	29.78±0.05	
# $\tau_h = 1$	13.82±0.04	13.18±0.03	10.37±0.03	8.97±0.03	
# $e+\mu = 0$	9.94±0.03	9.45±0.03	7.44±0.03	6.42±0.03	
$m_T(\tau_h, p_T^{\text{miss}}) \geq 300$ GeV	3.47±0.02	3.33±0.02	2.62±0.02	2.25±0.03	
# top candidates $\geq 1$	2.64±0.02	2.55±0.02	2.01±0.01	1.69±0.02	
# b jets $\geq 1$	1.95±0.01	1.88±0.01	1.48±0.01	1.25±0.02	
LQ <sub>V</sub> $k = 0$	$\lambda = 1.5$	$\lambda = 2.0$	$\lambda = 2.5$		
Initial events	100.00±0.00	100.00±0.00	100.00±0.00		
Trigger	62.88±0.05	38.73±0.05	31.60±0.05		
$p_T^{\text{miss}} \geq 200$ GeV	45.54±0.05	27.48±0.05	21.66±0.04		
$H_T^{\text{miss}} \geq 200$ GeV	41.00±0.05	24.63±0.04	19.25±0.04		
$H_T \geq 300$ GeV	39.96±0.05	23.97±0.04	18.70±0.04		
# $\tau_h = 1$	12.32±0.03	7.50±0.03	5.83±0.02		
# $e+\mu = 0$	8.69±0.03	5.28±0.02	4.14±0.02		
$m_T(\tau_h, p_T^{\text{miss}}) \geq 300$ GeV	3.64±0.02	2.20±0.01	1.69±0.01		
# top candidates $\geq 1$	2.80±0.02	1.67±0.01	1.29±0.01		
# b jets $\geq 1$	2.04±0.01	1.23±0.01	0.95±0.01		