

Event and Track Yields - $m_{H^\pm} = 100 \text{ GeV}/c^2$, $m_A = 8 \text{ GeV}/c^2$, $\mathcal{R}(t \rightarrow H^\pm b) = 0.086$

Source	Events	Tracks	Uncertainties			
			Exp/Theory	JES Acceptance	JES Track Rate (-,+)	Tracking
Top/Signal W's	804.69	2.63	± 0.21	± 0.13	-0.04, 0.08	± 0.08
A Boson	132.98	22.93	± 1.87	± 1.10	0.39, -0.37	± 0.73
$Z/\gamma^* + \text{Jets}$	18.70	0.74	± 0.06	-	0.04, -0.01	± 0.02
Diboson	11.21	0.05	± 0.01	± 0.01	0.01, -0.01	± 0.01
Underlying Event	-	79.41	± 11.89	-	-	-
Observed	1052	70	-	-	-	-

Expected number of events (1st column) before track requirement, and with at least one isolated track (2nd column) with $p_T > 3 \text{ GeV}/c$ in 2.7 pb^{-1} . Uncertainties are on the number of expected tracks. Top, signal, $Z/\gamma^* + \text{Jets}$, and diboson tracks are isolated tracks from W^\pm or A daughters.