

Table 1: Number of signal events remaining after each stage of the event selection for the WH search with $H \rightarrow b\bar{b}$ and $W \rightarrow \ell\nu$, with chargino mass values of 130 and 200 GeV and an LSP mass of 1 GeV. The results are normalized to an integrated luminosity of 19.5 fb^{-1} using NLO+NLL calculations. The uncertainties are statistical. The baseline selection accounts for the primary vertex criteria and for quality requirements applied to the E_T^{miss} distribution.

WH events	130/1	200/1
All events	5603.1 ± 12.3	1124.4 ± 5.5
Baseline selection	5601.8 ± 12.3	1124.1 ± 5.5
= 1 lepton	4371.5 ± 11.0	913.0 ± 5.0
iso track/tau veto	4068.3 ± 10.6	851.8 ± 4.9
≥ 2 jets, $ \eta < 2.4$	2604.1 ± 8.4	584.5 ± 4.0
= 2 jets, $ \eta < 4.7$	1665.8 ± 6.7	356.2 ± 3.1
= 2 b-tagged jets	545.2 ± 3.8	114.2 ± 1.7
$100 < M_{b\bar{b}} < 150 \text{ GeV}$	446.8 ± 3.4	94.0 ± 1.6
$M_T > 100 \text{ GeV}$	94.1 ± 1.6	45.6 ± 1.1
$M_{T2}^{bl} > 200 \text{ GeV}$	14.6 ± 0.6	10.1 ± 0.5
$E_T^{miss} > 100 \text{ GeV}$	9.0 ± 0.5	7.0 ± 0.4
$E_T^{miss} > 125 \text{ GeV}$	7.5 ± 0.4	5.8 ± 0.4
$E_T^{miss} > 150 \text{ GeV}$	6.0 ± 0.4	4.7 ± 0.4
$E_T^{miss} > 175 \text{ GeV}$	4.5 ± 0.3	3.4 ± 0.3