

0.1 $\tilde{\chi}_1^\pm(140) \rightarrow W^\pm \tilde{\chi}_1^0(20)$ (ATLAS_CONF_2013_049)

- Process: $\tilde{\chi}_1^+ \tilde{\chi}_1^- : \tilde{\chi}_1^\pm \rightarrow W^\pm \tilde{\chi}_1^0$.
- Mass: $m_{\tilde{\chi}_1^\pm} = 140$ GeV, $m_{\tilde{\chi}_1^0} = 20$ GeV.
- The number of events: $5 \cdot 10^4$.
- Event Generator: Herwig++ 2.5.2.

#	cut name	ϵ_{Exp}	ϵ_{Atom}	$\frac{\text{Atom}}{\text{Exp}}$	$\frac{(\text{Exp}-\text{Atom})}{\text{Error}}$	#/?	R_{Exp}	R_{Atom}	$\frac{\text{Atom}}{\text{Exp}}$	$\frac{(\text{Exp}-\text{Atom})}{\text{Error}}$
0	WW: Jet veto	100.0	100.0							
1	WW: $p_T(\ell_1) > 35, p_T(\ell_2) > 20$	74.1 ± 2.51	73.64 ± 3.52	0.99	-0.11	0	0.74 ± 0.03	0.74 ± 0.04	0.99	-0.11
2	WWb	5.9 ± 0.71	3.06 ± 0.72	0.52	-2.81	1	0.08 ± 0.01	0.04 ± 0.01	0.52	-2.78

Table 1: The cut-flow table for WWb signal region.