SR Zc: (ATLAS_CONF_2013_035)

- Process: $pp \to \tilde{\chi}_1^{\pm} \tilde{\chi}_2^0 \to (W^{\pm} \chi_1^0)(Z \tilde{\chi}_1^0)$.

- Mass: $m_{\tilde{\chi}_1^{\pm}} = m_{\tilde{\chi}_2^0} = 250$ GeV, $m_{\tilde{\chi}_1^0} = 0$ GeV.

- The number of events: $5 \cdot 10^3$.

- 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	Lepton multiplicity	100.0	100.0							
1	SFOS requirement	99.25 ± 7.34	100.0 ± 14.68	1.01	0.05	0	0.99 ± 0.07	1.0 ± 0.15	1.01	0.05
2	b-jet veto	91.0 ± 7.03	91.3 ± 14.03	1.0	0.02	1	0.92 ± 0.07	0.91 ± 0.14	1.0	-0.02
3	Z requirement	86.0 ± 6.84	89.13 ± 13.86	1.04	0.2	2	0.95 ± 0.08	0.98 ± 0.15	1.03	0.18
4	SRZc: MET ¿ 120	44.25 ± 4.9	43.48 ± 9.7	0.98	-0.07	3	0.51 ± 0.06	0.49 ± 0.11	0.95	-0.22
5	SRZc: $m_T > 110$	30.0 ± 4.04	32.61 ± 8.41	1.09	0.28	4	0.68 ± 0.09	0.75 ± 0.19	1.11	0.34

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