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	$\epsilon_{ m Exp}$	$\epsilon_{ ext{Atom}}$	Atom Exp	$\frac{\text{(Exp-Atom)}}{\text{Error}}$	#/?	R_{Exp}	$R_{ m Atom}$	Atom Exp	(Exp-Atom) Error
0	Lepton multiplicity	100.0 ± 0.71	100.0 ± 14.68			-1	±	±		
1	SFOS requirement	99.25 ± 0.7	100.0 ± 14.68	1.01	0.05	0	0.99 ± 0.01	1.0 ± 0.15	1.01	0.05
2	b-jet veto	91.0 ± 0.67	91.3 ± 14.03	1.0	0.02	1	0.92 ± 0.01	0.91 ± 0.14	1.0	-0.03
3	Z requirement	86.0 ± 0.66	89.13 ± 13.86	1.04	0.23	2	0.95 ± 0.01	0.98 ± 0.15	1.03	0.2
4	SRZc: MET ¿ 120	44.25 ± 0.47	43.48 ± 9.7	0.98	-0.08	3	0.51 ± 0.01	0.49 ± 0.11	0.95	-0.25
5	SRZc: $m_T > 110$	30.0 ± 0.39	32.61 ± 8.41	1.09	0.31	4	0.68 ± 0.01	0.75 ± 0.19	1.11	0.37

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