$\tilde{e}^{\pm}(250) \to e^{\pm}\tilde{\chi}_1^0(10)$ (**ATLAS_2014_I1286761 (1403.5294)**)

- Process: $\tilde{e}^+\tilde{e}^- : \tilde{e}^{\pm} \to e^{\pm}\tilde{\chi}_1^0$.
- Mass: $m_{\tilde{e}} = 250$ GeV, $m_{\tilde{\chi}_1^0} = 10$ GeV.
- The number of events: $2 \cdot 10^3$.
- 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	= 2 OSlep $p_T > 35, 20$: SF	100.0 ± 1.41	100.0 ± 1.88			-1	±	±		
1	Jet veto: SF	42.13 ± 0.92	50.3 ± 1.74	1.19	4.15	0	0.42 ± 0.01	0.5 ± 0.02	1.19	4.15
2	Z veto: SF	41.06 ± 0.91	49.27 ± 1.73	1.2	4.2	1	0.97 ± 0.02	0.98 ± 0.03	1.01	0.12
3	$m_{T2} > 90$: SF	26.17 ± 0.72	30.66 ± 1.47	1.17	2.75	2	0.64 ± 0.02	0.62 ± 0.03	0.98	-0.44
4	$m_{T2} > 20$: SF	21.28 ± 0.65	25.36 ± 1.36	1.19	2.71	3	0.81 ± 0.02	0.83 ± 0.04	1.02	0.28
5	$m_{T2} > 150$: SF	15.74 ± 0.56	18.62 ± 1.19	1.18	2.18	4	0.74 ± 0.03	0.73 ± 0.05	0.99	-0.11

Table 1: The cut-flow table for the same flavour channel.