$\tilde{e}^{\pm}(191) \to e^{\pm}\tilde{\chi}_1^0(90)$ **(ATLAS_2014_I1286761 (1403.5294))**

- Process: $\tilde{e}^+\tilde{e}^- : \tilde{e}^{\pm} \to e^{\pm}\tilde{\chi}_1^0$.
- Mass: $m_{\tilde{e}} = 191$ GeV, $m_{\tilde{\chi}_1^0} = 90$ 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	100.0							
1	Jet veto: SF	44.68 ± 1.2	53.32 ± 1.7	1.19	4.15	0	0.45 ± 0.01	0.53 ± 0.02	1.19	4.15
2	Z veto: SF	41.14 ± 1.15	49.51 ± 1.67	1.2	4.13	1	0.92 ± 0.03	0.93 ± 0.03	1.01	0.2
3	$m_{T2} > 90$: SF	16.1 ± 0.72	18.04 ± 1.14	1.12	1.44	2	0.39 ± 0.02	0.36 ± 0.02	0.93	-0.93
4	$m_{T2} > 20$: SF	5.91 ± 0.44	7.2 ± 0.75	1.22	1.49	3	0.37 ± 0.03	0.4 ± 0.04	1.09	0.65
5	$m_{T2} > 150$: SF	0.44 ± 0.12	0.08 ± 0.08	**0.18**	-2.51	4	0.07 ± 0.02	0.01 ± 0.01	**0.15**	-2.75

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