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

- Process: $\tilde{\mu}^+\tilde{\mu}^- : \tilde{\mu}^{\pm} \to \mu^{\pm}\tilde{\chi}_1^0$.
- Mass: $m_{\tilde{\mu}} = 191$ 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	43.78 ± 1.14	51.0 ± 1.57	1.17	3.72	0	0.44 ± 0.01	0.51 ± 0.02	1.17	3.72
2	Z veto: SF	40.6 ± 1.1	47.89 ± 1.55	1.18	3.84	1	0.93 ± 0.03	0.94 ± 0.03	1.01	0.29
3	$m_{T2} > 90$: SF	14.68 ± 0.66	16.6 ± 1.05	1.13	1.56	2	0.36 ± 0.02	0.35 ± 0.02	0.96	-0.55
4	$m_{T2} > 20$: SF	5.75 ± 0.41	6.38 ± 0.67	1.11	0.79	3	0.39 ± 0.03	0.38 ± 0.04	0.98	-0.16
5	$m_{T2} > 150$: SF	0.74 ± 0.15	0.07 ± 0.07	0.1	-4.04	4	0.13 ± 0.03	0.01 ± 0.01	0.09	-4.16

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