

0.1 $\tilde{\mu}^\pm(191) \rightarrow \mu^\pm \tilde{\chi}_1^0(90)$ (ATLAS_2014_I1286761 (1403.5294))

- Process: $\tilde{\mu}^+ \tilde{\mu}^- : \tilde{\mu}^\pm \rightarrow \mu^\pm \tilde{\chi}_1^0$.
- 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 ± 1.06	55.25 ± 0.64	1.26	9.24	0	0.44 ± 0.01	0.55 ± 0.01	1.26	9.24
2	Z veto: SF	40.6 ± 1.02	51.26 ± 0.63	1.26	8.86	1	0.93 ± 0.02	0.93 ± 0.01	1.0	0.02
3	$m_{T2} > 90$: SF	14.68 ± 0.62	17.57 ± 0.44	1.2	3.8	2	0.36 ± 0.02	0.34 ± 0.01	0.95	-1.09
4	$m_{T2} > 20$: SF	5.75 ± 0.39	6.64 ± 0.29	1.15	1.84	3	0.39 ± 0.03	0.38 ± 0.02	0.96	-0.45
5	$m_{T2} > 150$: SF	0.74 ± 0.14	0.0 ± 0.0	0.0	-5.36	4	0.13 ± 0.02	0.0 ± 0.0	0.0	-5.36

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