$\tilde{\mu}^{\pm}(191) \to \mu^{\pm}\tilde{\chi}_1^0(90)$ (**ATLAS_CONF_2013_049**)

- 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	$\mu\mu$: Trigger	100.0	100.0							
1	$\mu\mu$: Z veto	92.67 ± 1.36	100.0 ± 0.0	1.08	5.39	0	0.93 ± 0.01	1.0 ± 0.0	1.08	5.39
2	$\mu\mu$: Jet veto	38.67 ± 0.88	0.0 ± 0.0	0.0	−43.97	1	0.42 ± 0.01	0.0 ± 0.0	0.0	−43.97
3	$\mu\mu$: MET^{rel}	30.0 ± 0.77	0.0 ± 0.0	0.0	−38.73	2	0.78 ± 0.02	0.0 ± 0.0	0.0	−38.73
4	$\mu\mu$: $m_{T2} > 90$	14.4 ± 0.54	0.0 ± 0.0	0.0	−26.83	3	0.48 ± 0.02	0.0 ± 0.0	0.0	−26.83
5	$\mu\mu$: $m_{T2} > 110$	8.2 ± 0.4	0.0 ± 0.0	0.0	−20.25	4	0.57 ± 0.03	0.0 ± 0.0	0.0	−20.25

Table 1: The cut-flow table for the $\mu\mu$ channel.