

Generated by lb8075 on 09 October 2014, 00:46:18

This report has been generated automatically by MADANALYSIS 5.

Please cite:

E. Conte, B. Fuks and G. Serret,
MadAnalysis 5, A User-Friendly Framework for Collider Phenomenology,
Comput. Phys. Commun. **184** (2013) 222-256,
arXiv:1206.1599 [hep-ph].

To contact us:

<http://madananalysis.irmp.ucl.ac.be>
ma5team@iphc.cnrs.fr

Contents

1	Setup	2
1.1	Command history	2
1.2	Configuration	2
2	Datasets	3
2.1	defaultset	3

1 Setup

1.1 Command history

```
ma5>set main.fastsim.package = fastjet
ma5>set main.fastsim.algorithm = antikt
ma5>set main.fastsim.ptmin = 5
ma5>set main.fastsim.radius = 0.5
ma5>set main.outputfile = SM4T_8TeV.lhe
ma5>import /Users/lb8075/MG5_aMC_v2_1_2/SM4T_8TeV/Events/run_01/tag_1_pythia_events.hep.gz
ma5>submit
```

1.2 Configuration

- MadAnalysis version 1.1.12.01 (2014/07/24).
- Histograms are not scaled.

2 Datasets

2.1 defaultset

- Samples stored in the directory: `/Users/lb8075/madanalysis5` .
- Sample consisting of: `signal` events.
- Generated events: `10000` events.
- Normalization to the luminosity: `12+/- 0` events.
- Ratio (event weight): `0.0012` .

Path to the event file	Nr. of events	Cross section (pb)	Negative wgts (%)
<code>/Users/lb8075/- MG5_aMC_v2_1_2/- SM4T_8TeV/- Events/run_01/- tag_1_pythia_events.hep.gz</code>	10000	0.00121	0.0