



## The LaTeX report

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To contact us:

<http://madananalysis.irmp.ucl.ac.be>  
[ma5team@iphc.cnrs.fr](mailto:ma5team@iphc.cnrs.fr)

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## 1 Setup

### 1.1 Command history

```
ma5>import /Users/lb8075/MG5_aMC_v2_1_2/SM_4T/Events/run_02/tag_1_pythia_events.hep.gz
ma5>import ../MG5_aMC_v2_1_2/SM_4T/Events/run_02/tag_1_pythia_events.hep.gz
ma5>set main.fastsim.package
ma5>set main.fastsim.package = fastjet
ma5>set main.fastsim.algorithm = antikt
ma5>set main.fastsim.radius = 0.5
ma5>set main.outputfile = sm4t.lhe
ma5>import /Users/lb8075/MG5_aMC_v2_1_2/SM_4T/Events/run_02/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: `89+/- 0` events.
- Ratio (event weight): `0.0089` .

Path to the event file	Nr. of events	Cross section (pb)	Negative wgt (%)
<code>/Users/lb8075/- MG5_aMC_v2_1_2/- SM_4T/Events/run_02/- tag_1_pythia_events.hep.gz</code>	10000	0.00898	0.0