



## The LaTeX report

---

Generated by lb8075 on 28 October 2014, 20:26:02

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](mailto:ma5team@iphc.cnrs.fr)

---

## Contents

<b>1</b>	<b>Setup</b>	<b>2</b>
1.1	Command history	2
1.2	Configuration	2
<b>2</b>	<b>Datasets</b>	<b>3</b>
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 = new_sgluon450_8TeV.lhe
ma5>import /Users/lb8075/MG5_aMC_v2_1_2/sgluon_new/Events/run_05/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: `0+/- 0` events.
- Ratio (event weight): `0.0` .

Path to the event file	Nr. of events	Cross section (pb)	Negative wgts (%)
<code>/Users/lb8075/- MG5_aMC_v2_1_2/- sgluon_new/- Events/run_05/- tag_1_pythia_events.hep.gz</code>	10000	5.84e-05	0.0