The LaTeX report

Generated by lb8075 on 28 October 2014, 20:07:10

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://madanalysis.irmp.ucl.ac.be**
> **ma5team@iphc.cnrs.fr**

Contents

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_sgluon350_8TeV.lhe
ma5>import /Users/lb8075/MG5_aMC_v2_1_2/new_sgluon/Events/run_01/tag_1_pythia_events.hep.gz
ma5>import /Users/lb8075/MG5_aMC_v2_1_2/sgluon_new/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: 0+/- 0 events.
- Ratio (event weight): 0.0 .

Path to the event file	Nr. of events	Cross section (pb)	Negative wgts (%)
/Users/lb8075/- MG5_aMC_v2_1_2/- sgluon_new/- Events/run_01/- tag_1_pythia_events.hep.gz	10000	9.23e-08	0.0