



The LaTeX report

Generated by lb8075 on 10 October 2014, 16:53:09

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].

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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 = sgluon900_8TeV.lhe
ma5>import /Users/lb8075/MG5_aMC_v2_1_2/my_slguon/tag_1_pythia_events.hep.gz
ma5>import /Users/lb8075/MG5_aMC_v2_1_2/my_slguon/Events//tag_1_pythia_events.hep.gz
ma5>import /Users/lb8075/MG5_aMC_v2_1_2/my_slguon/Events/run_03/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/-my_slguon/Events/run_03/-tag_1_pythia_events.hep.gz</code> | 10000 | 1.15e-05 | 0.0 |