

## Generated by lb8075 on 28 October 2014, 20:23:21

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 = new_sgluon425_8TeV.lhe
ma5>import /Users/lb8075/MG5_aMC_v2_1_2/sgluon_new/Events/run_04/tag_1_pythia_events.hep.gz
ma5>submit
```

## 1.2 Configuration

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

# 2 Datasets

## 2.1 defaultset

 $\bullet$  Samples stored in the directory: /Users/lb8075/madanalysis5 .

• Sample consisting of: signal events.

 $\bullet$  Generated events: 10000 events.

 $\bullet$  Normalization to the luminosity: 0+/- 0  $\,$  events.

 $\bullet$  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_04/- tag_1_pythia_events.hep.gz	10000	4.29e-05	0.0