

Generated by lb8075 on 28 October 2014, 21:28:54

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:

 ${\bf http://madanalysis.irmp.ucl.ac.be} \\ {\bf ma5team@iphc.cnrs.fr}$

Contents				
1	Setup	2		
	1.1 Command history	2		
	1.2 Configuration	2		
2	Datasets	3		
	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_sgluon1000_8TeV.lhe
ma5>import /Users/lb8075/MG5_aMC_v2_1_2/sgluon_new/Events/run_12/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.

• 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_12/- tag_1_pythia_events.hep.gz	10000	5.53e-06	0.0