The LaTeX report

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> **E. Conte, B. Fuks and G. Serret**,
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Contents

1 Setup

1.1 Command history

```
 ma5>import ../../../madgraph/e+e-2e+e-y/Events/run_02/unweighted_events.lhe
ma5>plot dR(a e-) 100 0 5
ma5>submit e+e-2e+e-yDR2
```

1.2 Configuration

- MadAnalysis version 1.1.11 (2014/09/15).
- Histograms given for an integrated luminosity of 10fb^{-1}.

2 Datasets

2.1 defaultset

- Samples stored in the directory: /media/sf_darkphotons/madanalysis/madanalysis5/-bin .
- Sample consisting of: signal events.
- Generated events: 1000000 events.
- Normalization to the luminosity: 4447175000000+/- 1259621000 events.
- Ratio (event weight): 4447175 - warning: please generate more events (weight larger than 1)!

Path to the event file	Nr. of events	Cross section (pb)	Negative wgts (%)
/media/sf_darkphotons/-madgraph/e+e-2e+e-y/Events/run_02/-unweighted_events.lhe	1000000	444717500 @ 0.028%	0.0

3 Histos and cuts

3.1 Histogram 1

*** Plot: dR (a e-)**

Table 1. Statistics table

Dataset	Integral	Entries / events	Mean	RMS	%Underfl	%Overflow
defaultset	4.447175e+12	1.0	2.70597	0.9249	0.0	0.1868

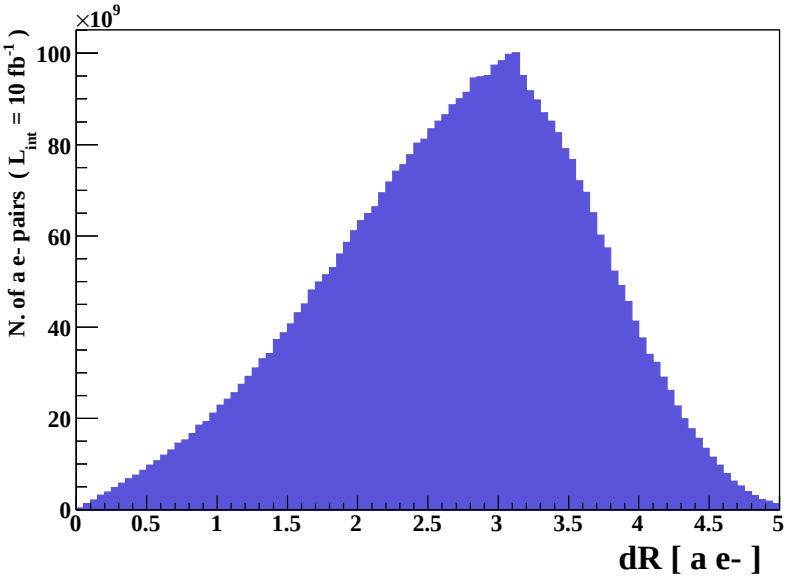

Figure 1.