MC-TESTER results for decays of particle τ^- (PDG code 15).

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Results from generator 1.

eett6f v.1.0
$e^+e^- \to b\,\bar{b}\,\mu^-\,\bar{\nu}_\mu\,u\,\bar{d}$
500 GeV in CMS

- Total number of analyzed decays: 37906
- Number of decay channels found: 1

Results from generator 2.

HELAC/PHEGAS
total cross section 16.964(16)
contact costas.papadopoulos@cern.ch

- Total number of analyzed decays: 37906
- Number of decay channels found: 1

Found decay modes:

Decay channel	Branching Ratio ± Rough Errors		Max. shape
	Generator #1	Generator #2	dif. param.
$100 \rightarrow \tilde{d} u b \tilde{b} e^{-} \mu^{-} \tilde{\nu}_{\mu}$	$100.0000 \pm 0.5136\%$	$100.0000 \pm 0.5136\%$	0.00995

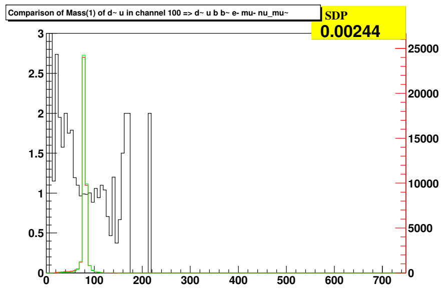
Similarity coefficients: T1=0.000000 , T2=0.995299

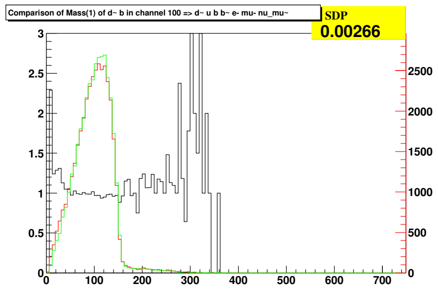
Contents

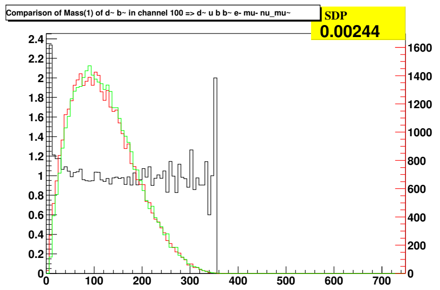
1 Decay Channel: $100 \to \widetilde{d} u b \widetilde{b} e^- \mu^- \widetilde{\nu}_\mu$ **4**

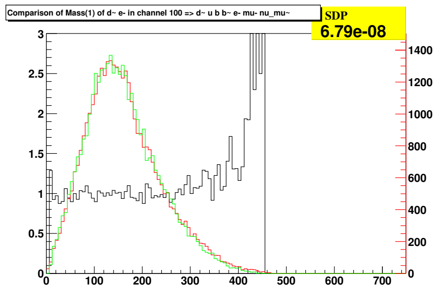
1 Decay Channel: $100 \to \tilde{d} u b \tilde{b} e^- \mu^- \tilde{\nu}_\mu$

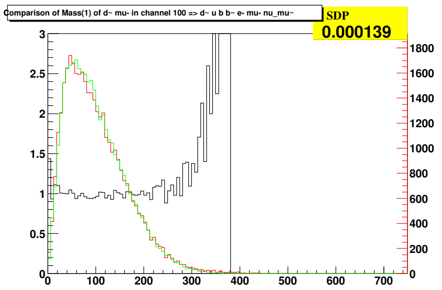
Number of events from generator 1: 37906
Number of events from generator 2: 37906

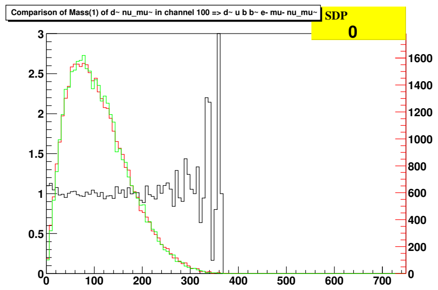


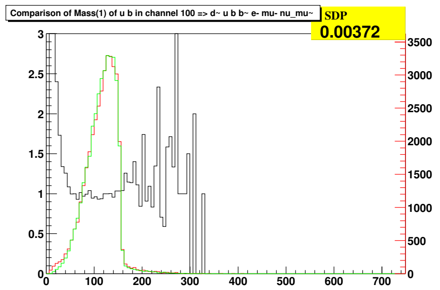


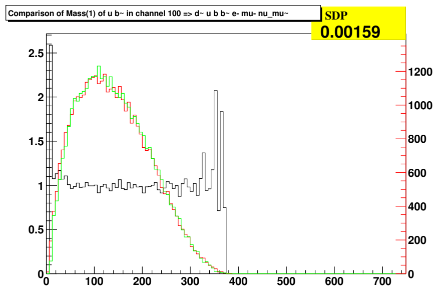


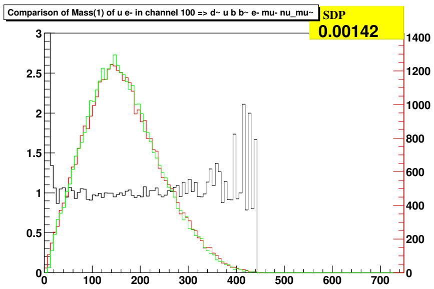








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SDP
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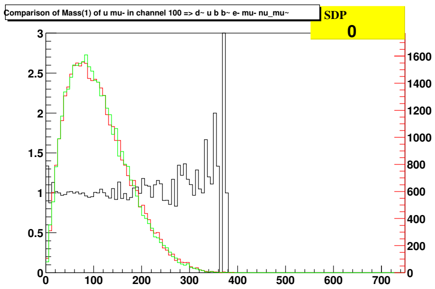
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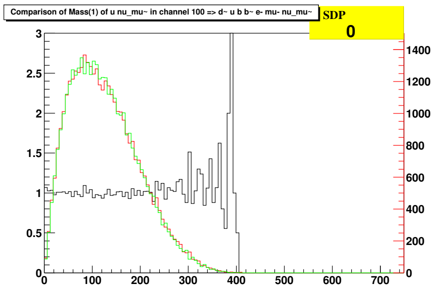
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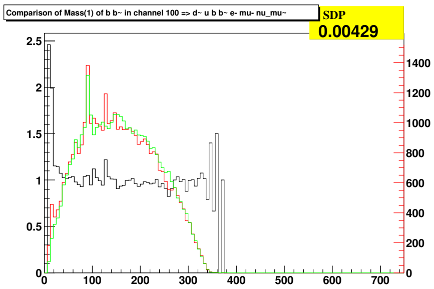
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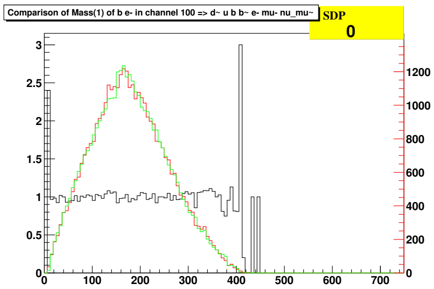
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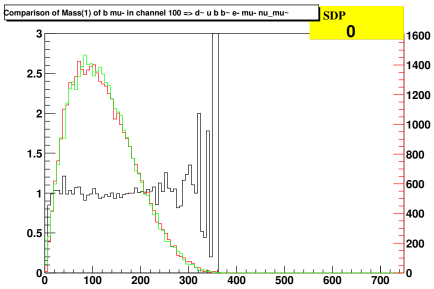
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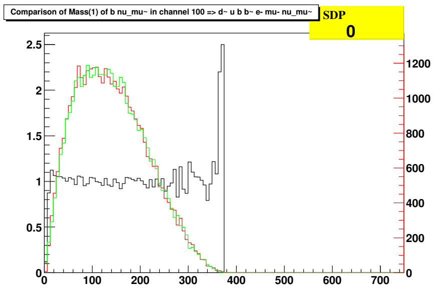
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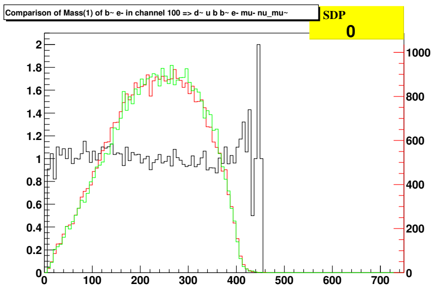
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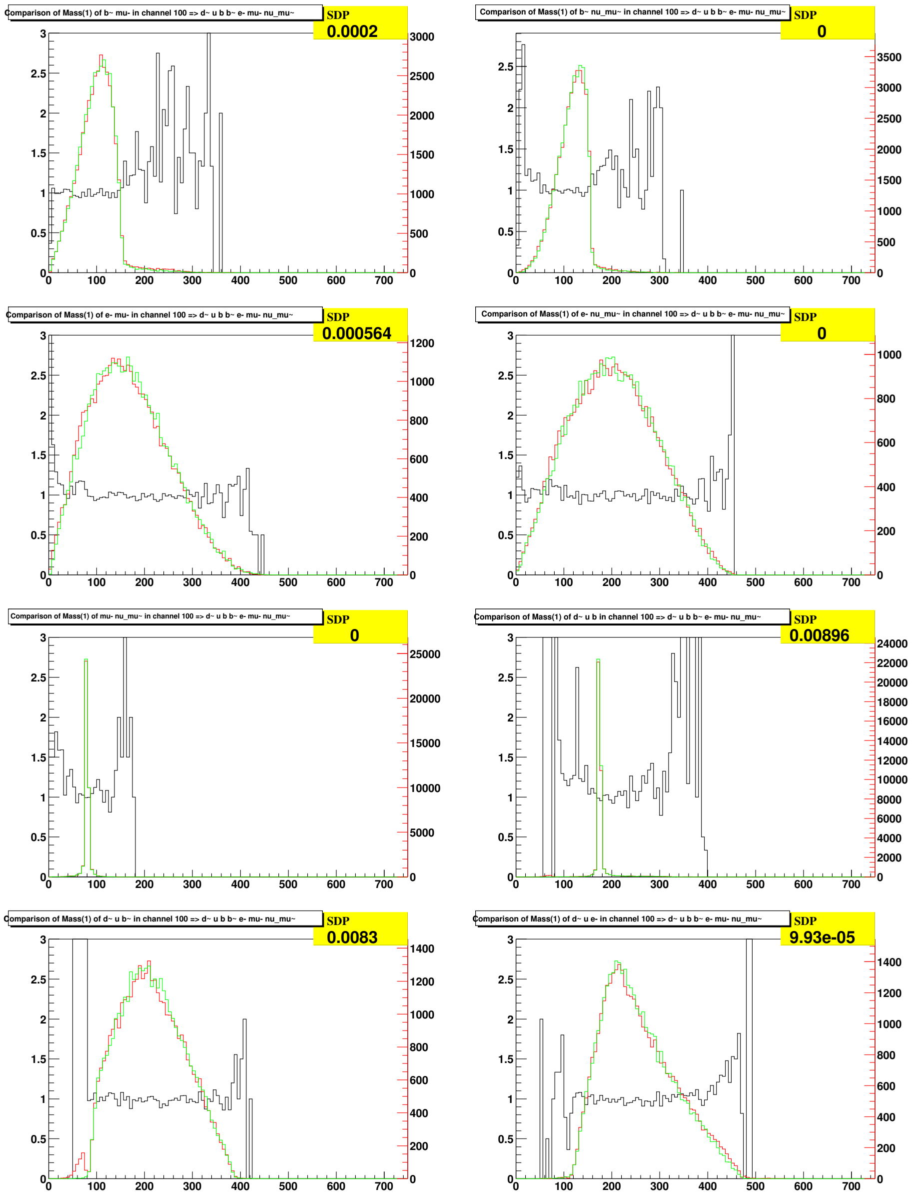
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SDP
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SDP
0.000564
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SDP
0
Comparison of Mass(1) of mu- nu_mu~ in channel 100 => d~ u b b~ e- mu- nu_mu~
SDP
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Comparison of Mass(1) of d~ u b in channel 100 => d~ u b b~ e- mu- nu_mu~
SDP
0.00896
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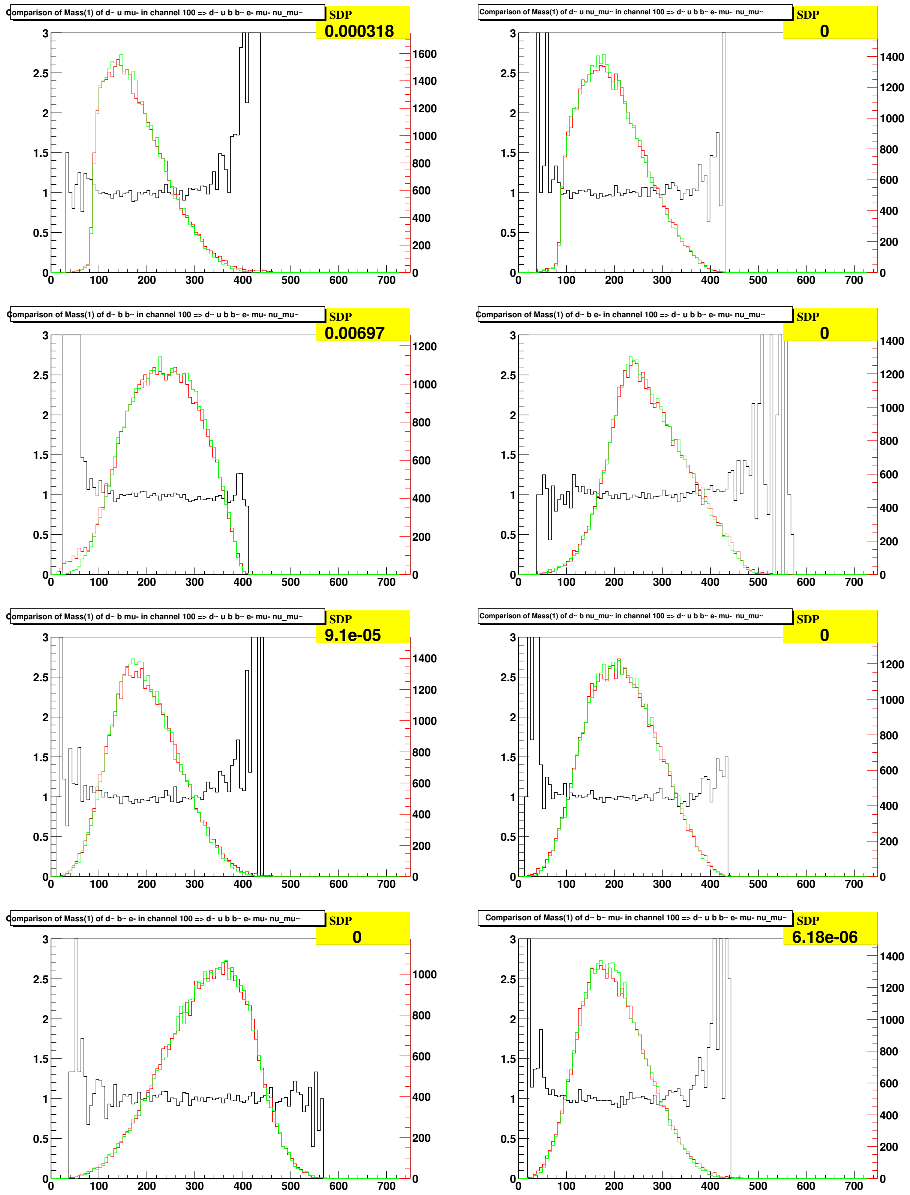
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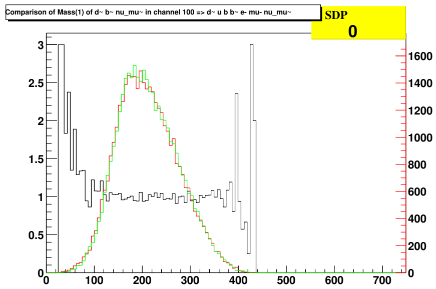
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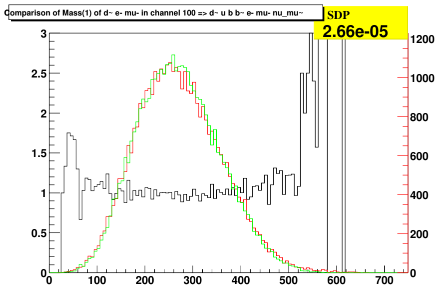
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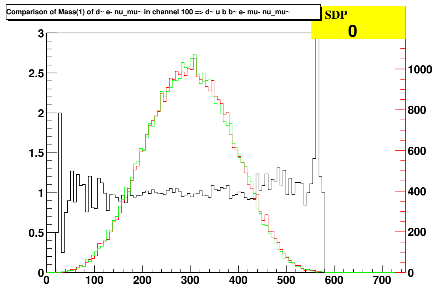
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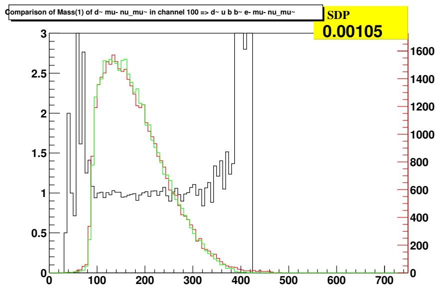
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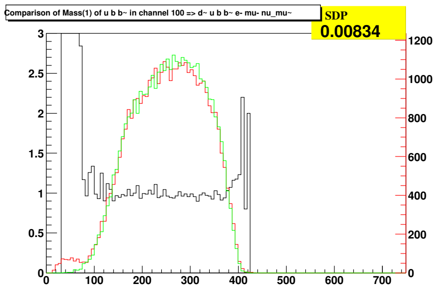
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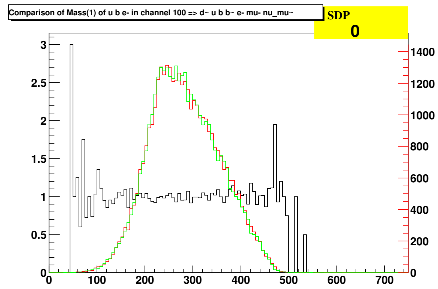
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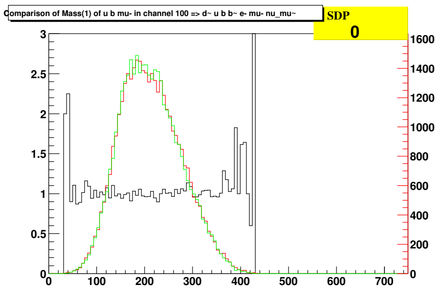
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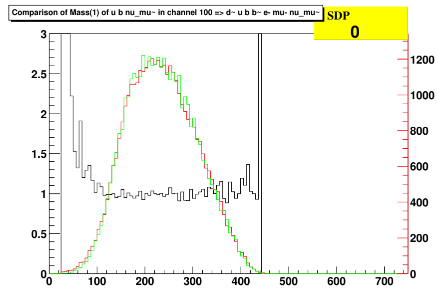
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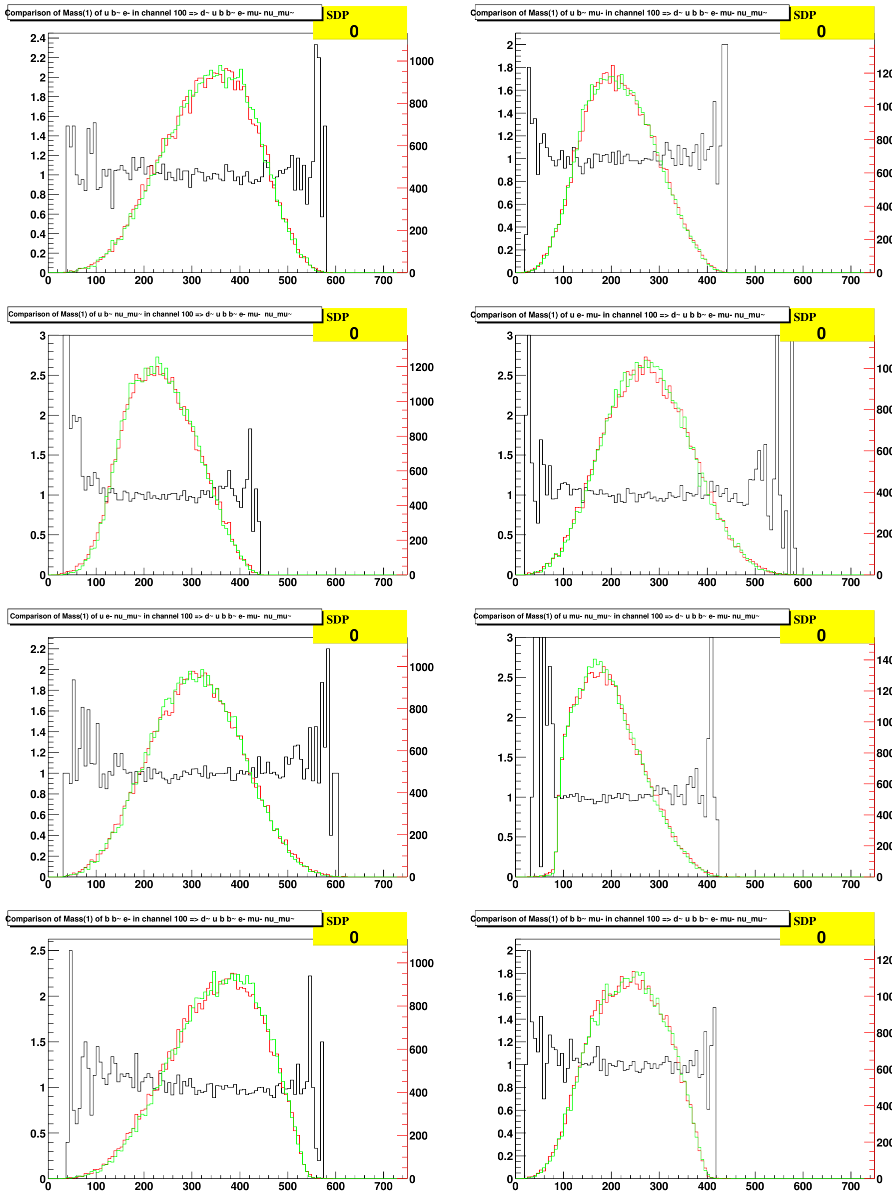
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SDP
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Comparison of Mass(1) of u b~ nu_mu~ in channel 100 => d~ u b b~ e- mu- nu_mu~
SDP
0
Comparison of Mass(1) of u e- mu- in channel 100 => d~ u b b~ e- mu- nu_mu~
SDP
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Comparison of Mass(1) of u e- nu_mu~ in channel 100 => d~ u b b~ e- mu- nu_mu~
SDP
0
Comparison of Mass(1) of u mu- nu_mu~ in channel 100 => d~ u b b~ e- mu- nu_mu~
SDP
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Comparison of Mass(1) of b b~ e- in channel 100 => d~ u b b~ e- mu- nu_mu~
SDP
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SDP
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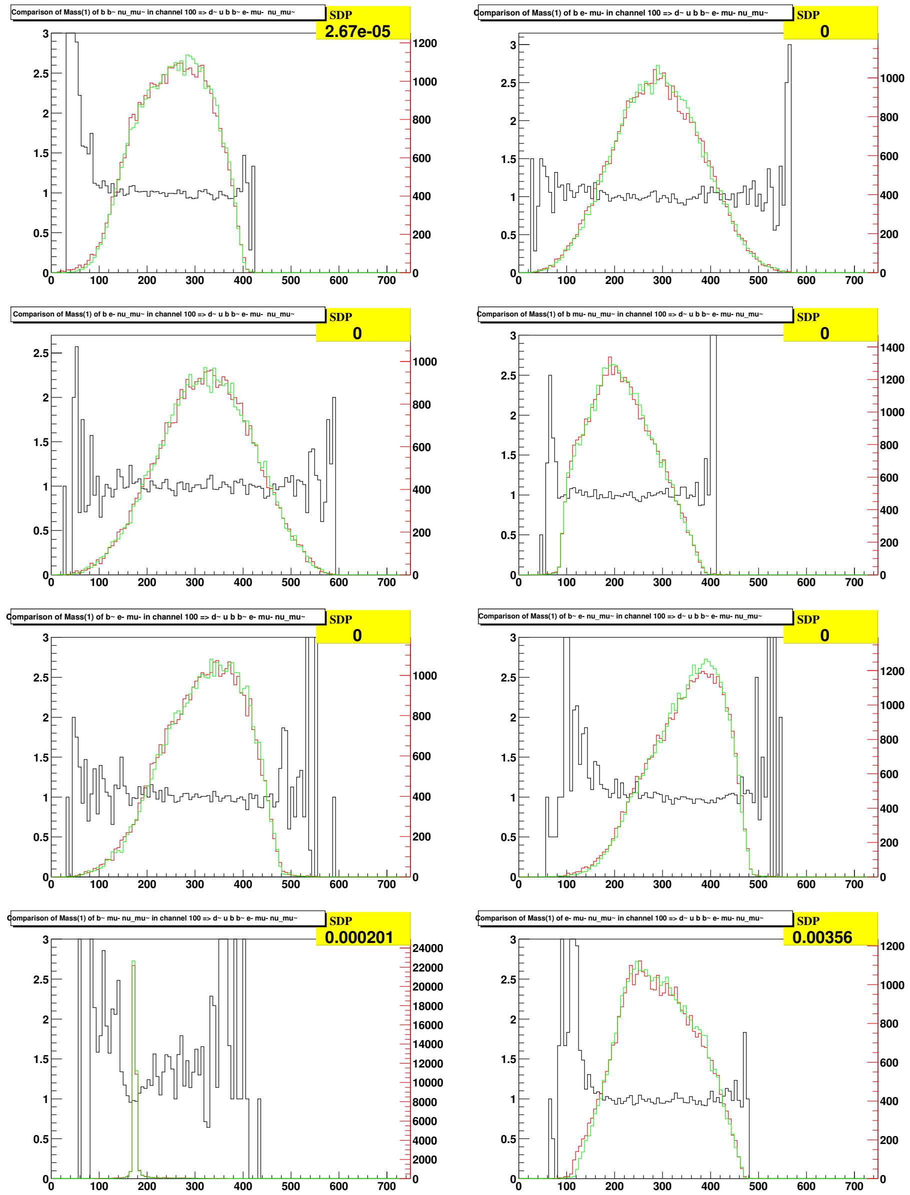
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SDP
2.67e-05
Comparison of Mass(1) of b e- mu- in channel 100 => d~ u b b~ e- mu- nu_mu~
SDP
0
Comparison of Mass(1) of b e- nu_mu~ in channel 100 => d~ u b b~ e- mu- nu_mu~
SDP
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Comparison of Mass(1) of b mu- nu_mu~ in channel 100 => d~ u b b~ e- mu- nu_mu~
SDP
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Comparison of Mass(1) of b~ e- mu- in channel 100 => d~ u b b~ e- mu- nu_mu~
SDP
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Comparison of Mass(1) of b~ e- nu_mu~ in channel 100 => d~ u b b~ e- mu- nu_mu~
SDP
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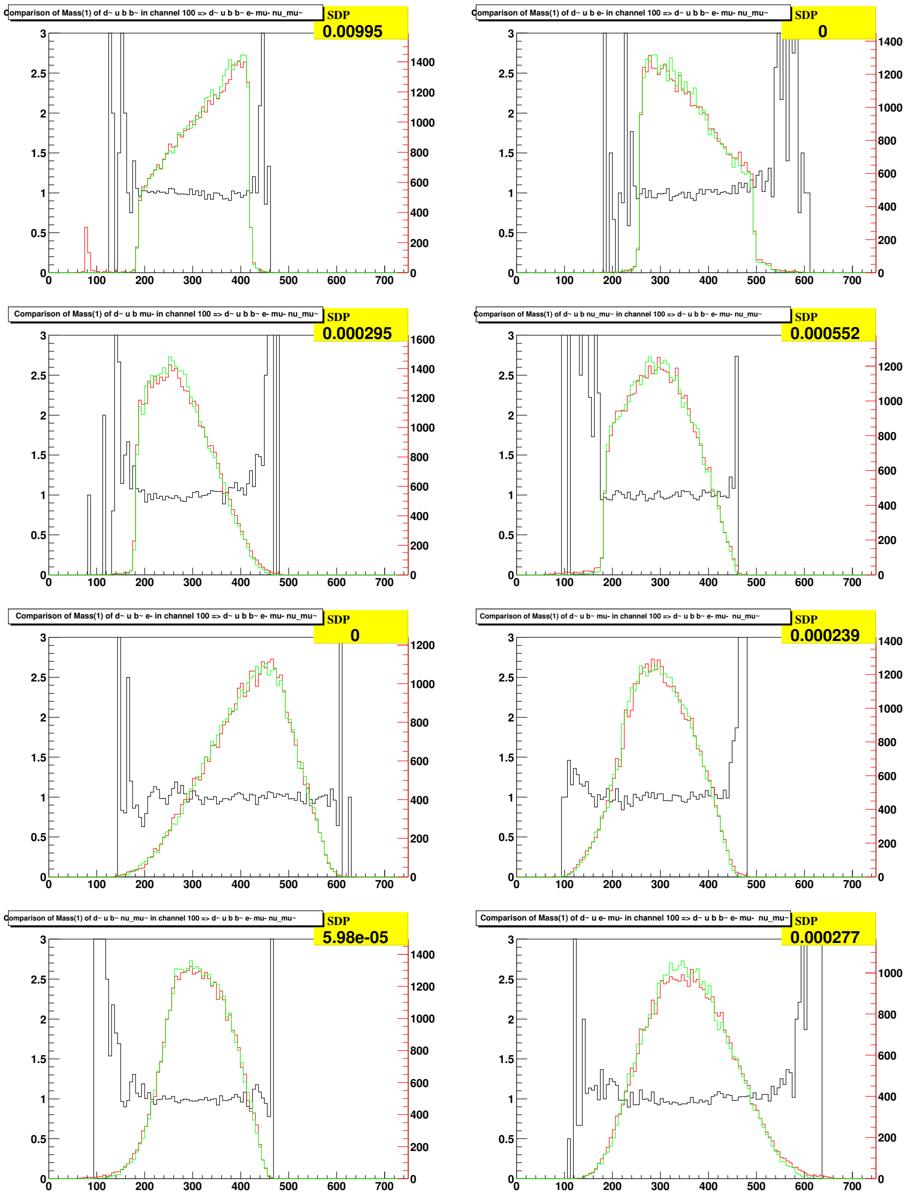

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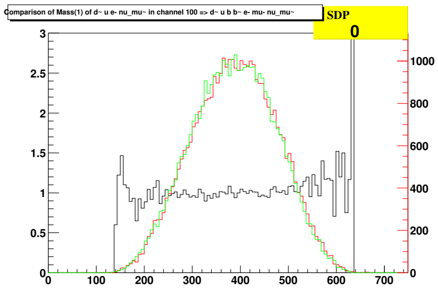
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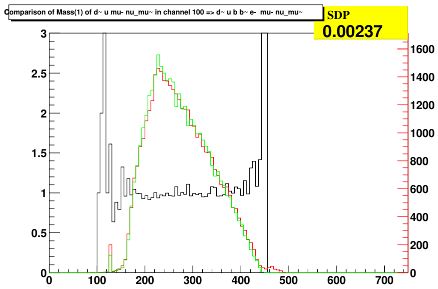
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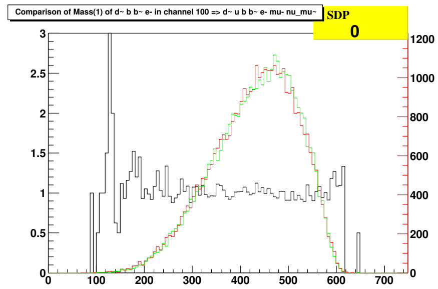
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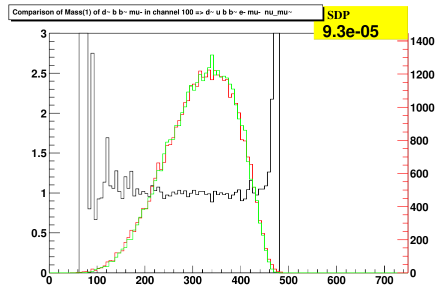
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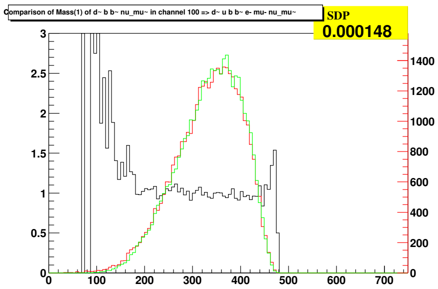
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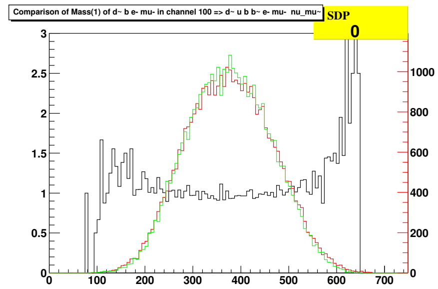
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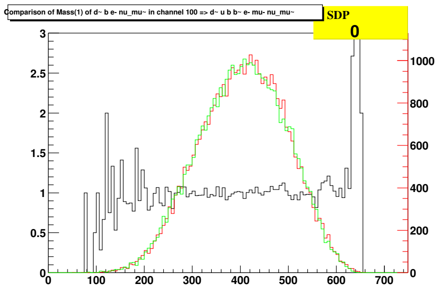
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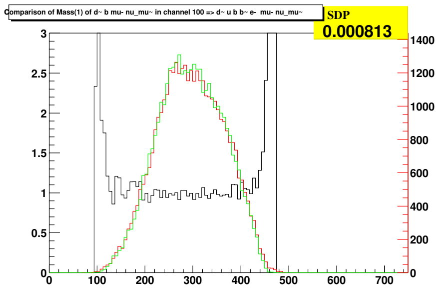
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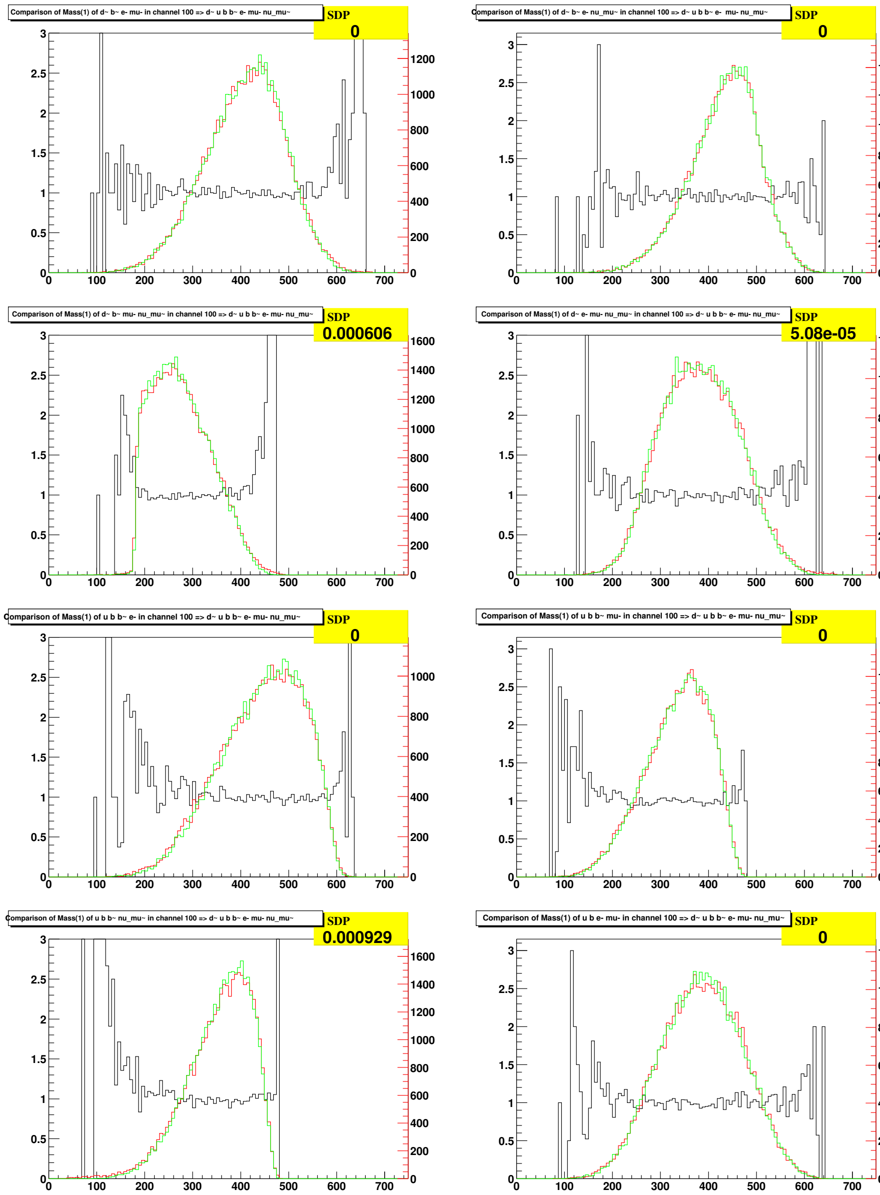

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SDP
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Comparison of Mass(1) of d~ b~ mu- nu_mu~ in channel 100 => d~ u b b~ e- mu- nu_mu~
SDP
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SDP
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SDP
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Comparison of Mass(1) of u b b~ nu_mu~ in channel 100 => d~ u b b~ e- mu- nu_mu~
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Comparison of Mass(1) of u b e- mu- in channel 100 => d~ u b b~ e- mu- nu_mu~
SDP
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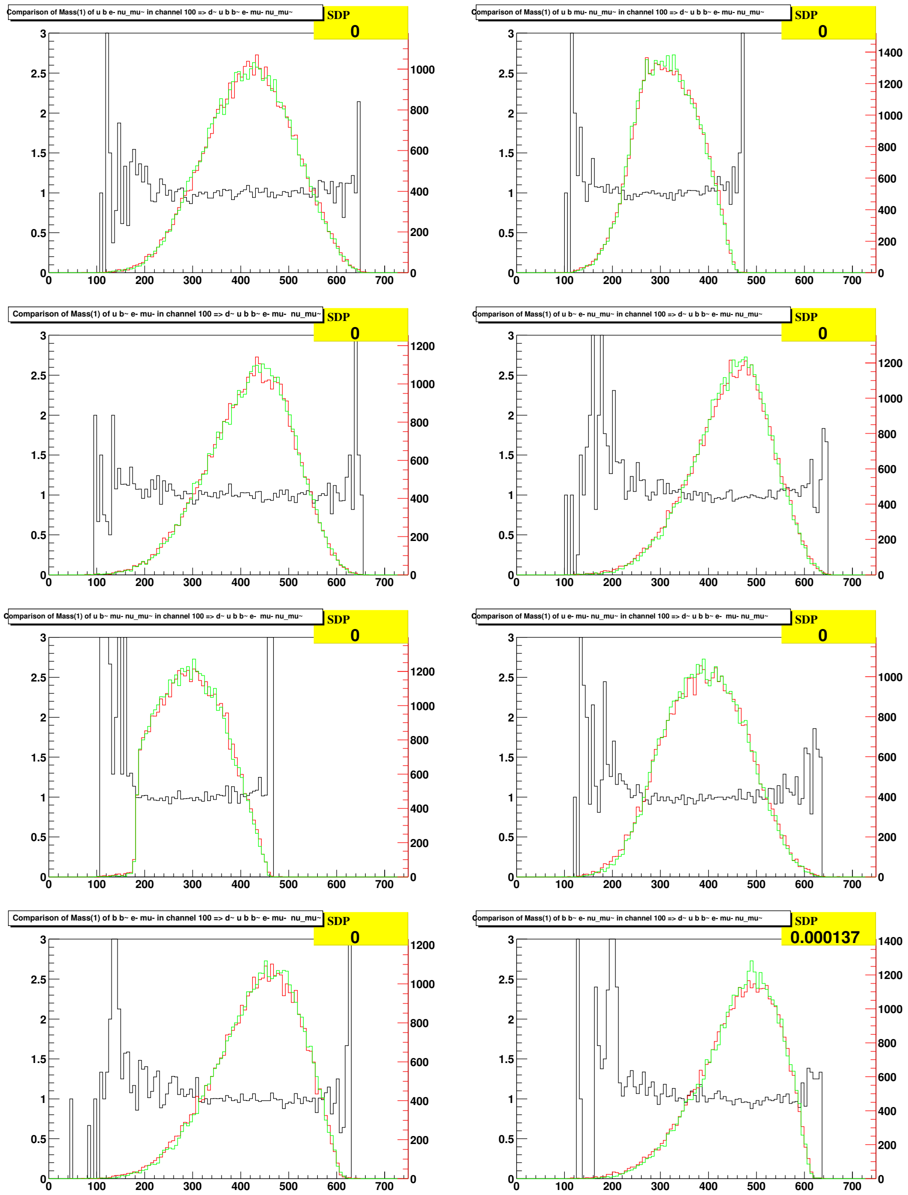

Comparison of Mass(1) of u b e- nu_mu~ in channel 100 => d~ u b b~ e- mu- nu_mu~
SDP
0
Comparison of Mass(1) of u b mu- nu_mu~ in channel 100 => d~ u b b~ e- mu- nu_mu~
SDP
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Comparison of Mass(1) of u b~ e- mu- in channel 100 => d~ u b b~ e- mu- nu_mu~
SDP
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Comparison of Mass(1) of u b~ e- nu_mu~ in channel 100 => d~ u b b~ e- mu- nu_mu~
SDP
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Comparison of Mass(1) of u b~ mu- nu_mu~ in channel 100 => d~ u b b~ e- mu- nu_mu~
SDP
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Comparison of Mass(1) of u e- mu- nu_mu~ in channel 100 => d~ u b b~ e- mu- nu_mu~
SDP
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Comparison of Mass(1) of b b~ e- mu- in channel 100 => d~ u b b~ e- mu- nu_mu~
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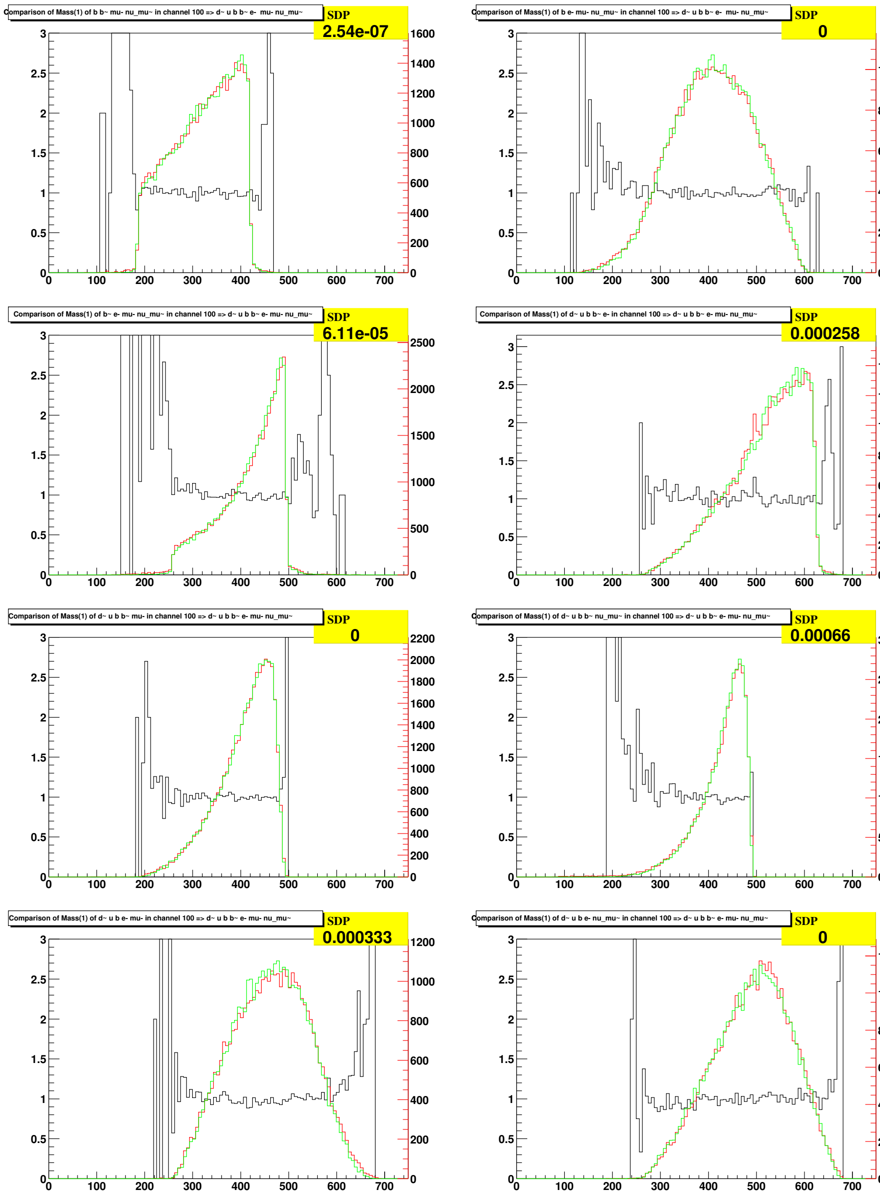
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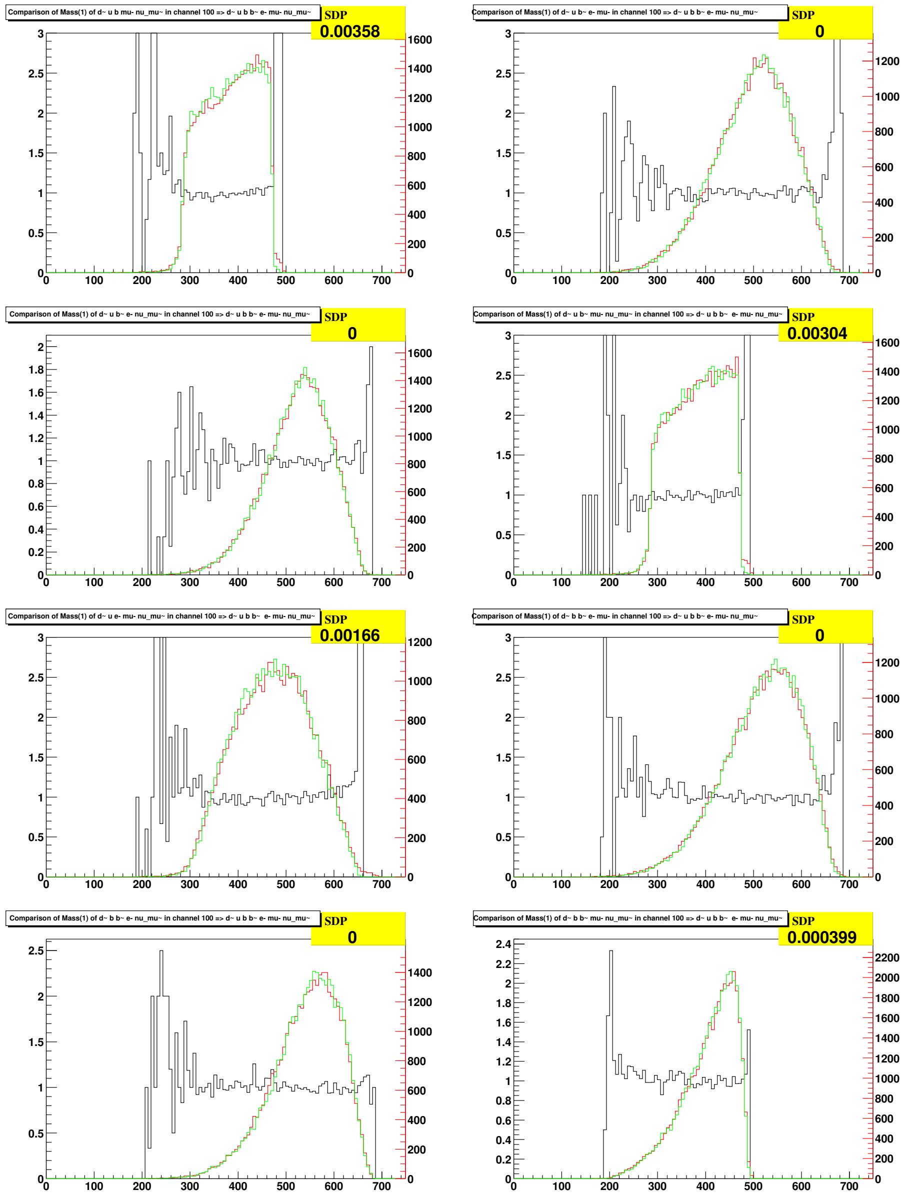
SDP
0.00066
Comparison of Mass(1) of d~ u b e- mu- in channel 100 => d~ u b b~ e- mu- nu_mu~
SDP
0.000333
Comparison of Mass(1) of d~ u b e- nu_mu~ in channel 100 => d~ u b b~ e- mu- nu_mu~
SDP
0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SDP
0.00358
Comparison of Mass(1) of d~ u b~ e- mu- in channel 100 => d~ u b b~ e- mu- nu_mu~
SDP
0
Comparison of Mass(1) of d~ u b~ e- nu_mu~ in channel 100 => d~ u b b~ e- mu- nu_mu~
SDP
0
Comparison of Mass(1) of d~ u b~ mu- nu_mu~ in channel 100 => d~ u b b~ e- mu- nu_mu~
SDP
0.00304
Comparison of Mass(1) of d~ u e- mu- nu_mu~ in channel 100 => d~ u b b~ e- mu- nu_mu~
SDP
0.00166
Comparison of Mass(1) of d~ b b~ e- mu- in channel 100 => d~ u b b~ e- mu- nu_mu~
SDP
0
Comparison of Mass(1) of d~ b b~ e- nu_mu~ in channel 100 => d~ u b b~ e- mu- nu_mu~
SDP
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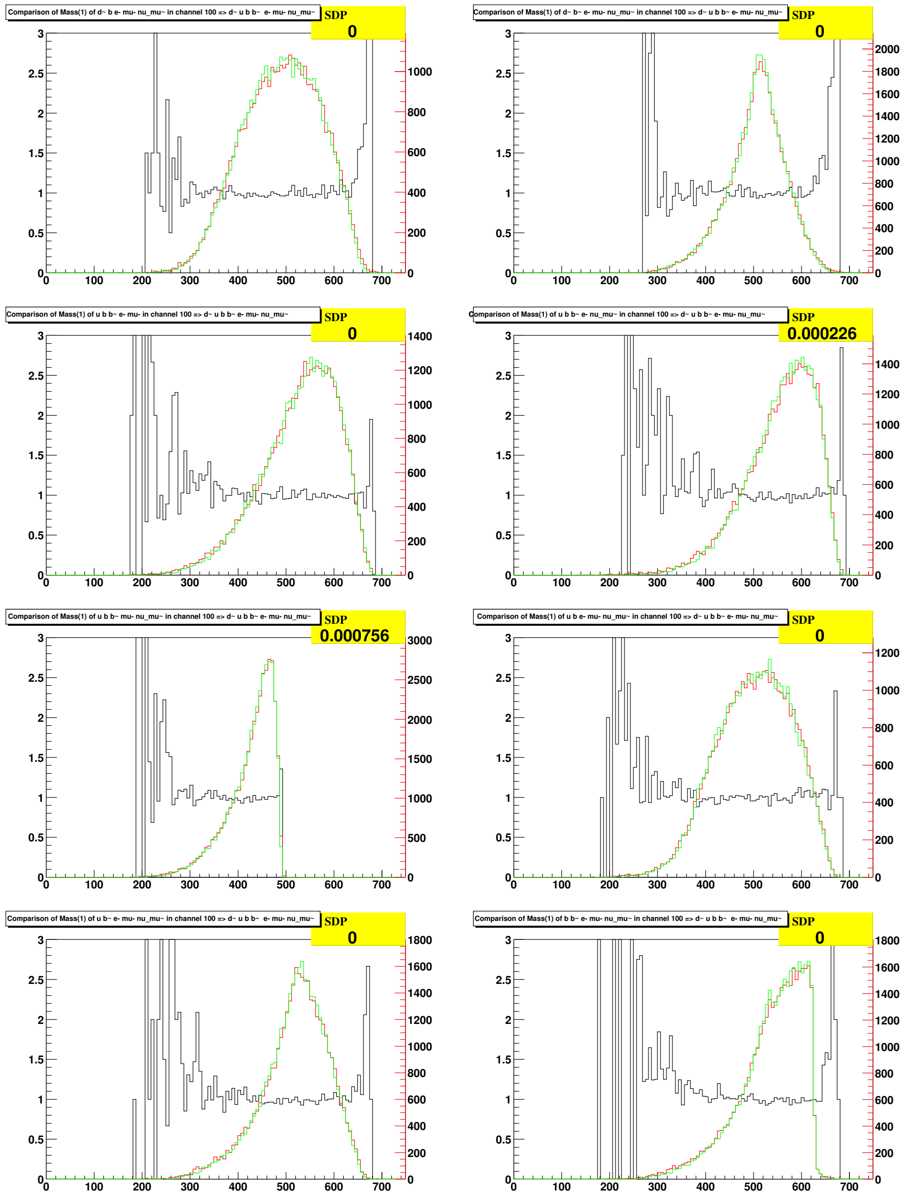
Comparison of Mass(1) of d~ b b~ mu- nu_mu~ in channel 100 => d~ u b b~ e- mu- nu_mu~
SDP
0.000399


Comparison of Mass(1) of d~ b e- mu- nu_mu~ in channel 100 => d~ u b b~ e- mu- nu_mu~
SDP
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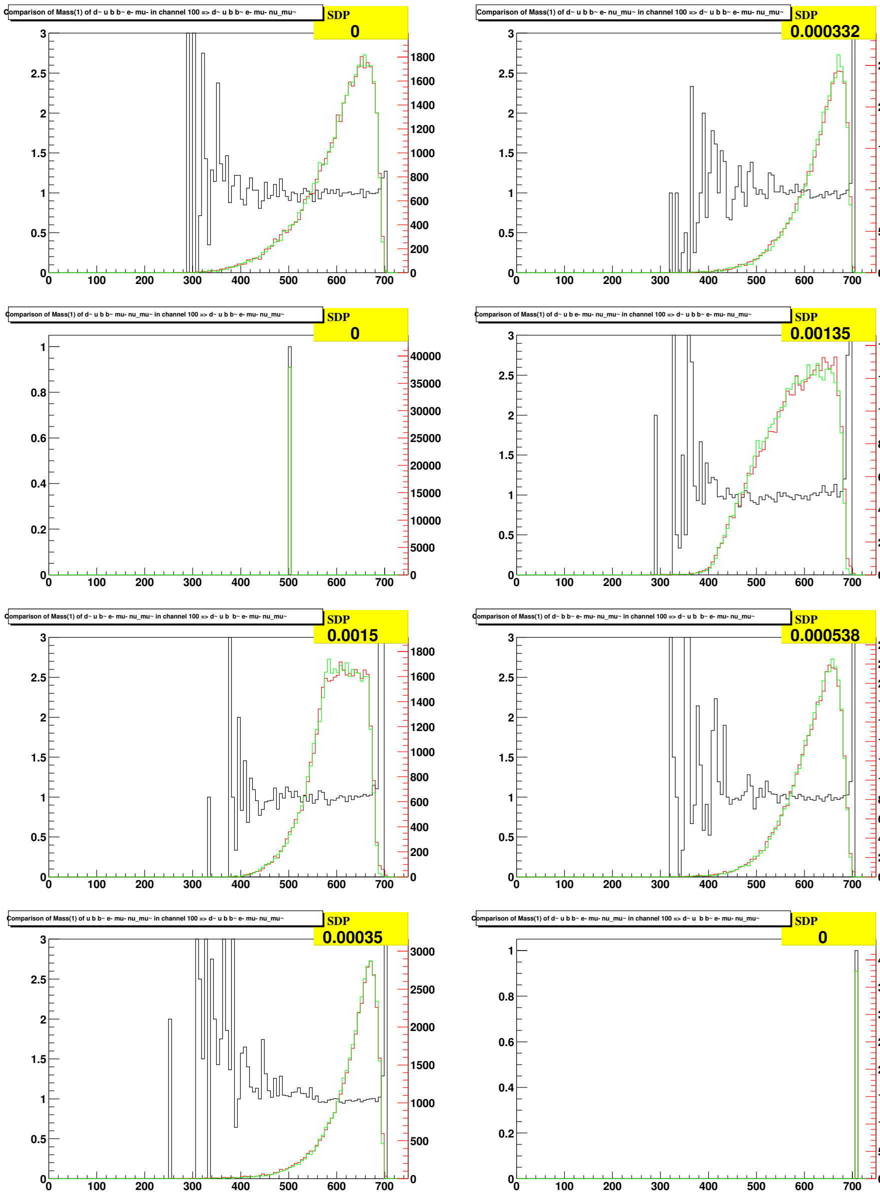
Comparison of Mass(1) of d~ b~ e- mu- nu_mu~ in channel 100 => d~ u b b~ e- mu- nu_mu~
SDP
0
Comparison of Mass(1) of u b b~ e- mu- in channel 100 => d~ u b b~ e- mu- nu_mu~
SDP
0
Comparison of Mass(1) of u b b~ e- nu_mu~ in channel 100 => d~ u b b~ e- mu- nu_mu~
SDP
0.000226
Comparison of Mass(1) of u b b~ mu- nu_mu~ in channel 100 => d~ u b b~ e- mu- nu_mu~
SDP
0.000756
Comparison of Mass(1) of u b e- mu- nu_mu~ in channel 100 => d~ u b b~ e- mu- nu_mu~
SDP
0
Comparison of Mass(1) of u b~ e- mu- nu_mu~ in channel 100 => d~ u b b~ e- mu- nu_mu~
SDP
0
Comparison of Mass(1) of b b~ e- mu- nu_mu~ in channel 100 => d~ u b b~ e- mu- nu_mu~
SDP
0



SDP
0
SDP
0.000332
SDP
0
SDP
0.00135
SDP
0.0015
SDP
0.000538
SDP
0.00035
SDP
0