MC-TESTER results for decays of particle W^+ (PDG code 24).

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Results from generator 1.

Standard PHOTOS Born distribution from KORALZ RED `FIRST ORDER COMPARISON`

- From directory:
  `/home/wasm/y2006/korale-exp-final/korz-new/february/prod1`
- Total number of analyzed decays: 100000000
- Number of decay channels found: 2

Results from generator 2.

Exact ME in PHOTOS Born distribution from KORALZ Green `FIRST ORDER COMPARISON`

- From directory:
  `/home/wasm/y2006/korale-exp-final/korz-new/february/prod1`
- Total number of analyzed decays: 100000000
- Number of decay channels found: 2

Found decay modes:

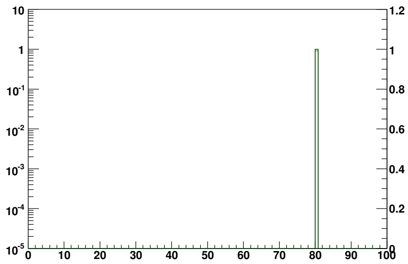
Decay channel	Branching Ratio $\pm$ Rough Errors		Max. shape dif. param.
	Generator #1	Generator #2	
$W^+ \to \nu_\mu \mu^+$	$90.0916 \pm 0.0095\%$	$90.0961 \pm 0.0095\%$	0.00000
$W^+ \to \gamma \nu_\mu \mu^+$	$9.9084 \pm 0.0031\%$	$9.9039 \pm 0.0031\%$	0.00003

Similarity coefficients: T1=0.008780 %, T2=0.000289 %

Contents

1 Decay Channel: $W^+ \to \nu_\mu \mu^+$

Number of events from generator 1: 90091643
Number of events from generator 2: 90096057



2 Decay Channel: $W^+ \to \gamma \nu_\mu \mu^+$

Number of events from generator 1: 9908357
Number of events from generator 2: 9903943

Consecutive plots are:
First row: Inv. mass of neutrino+photon (left), Inv. mass of lepton+photon
Second row: Inv. mass of neutrino+lepton (left), Inv. mass of lepton+neutrino+photon