MC-TESTER v1.24.4 - results for decays of particle τ^+ (PDG code -15).

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Results from generator 1.

 $\begin{array}{c} Pythia + Tauola\ Interface\ Test\\ \tau^+\ decays\\ New \end{array}$

- From directory:
- Total number of analyzed decays: 6000
- Number of decay channels found: 2 + 31

Results from generator 2.

 $\begin{array}{c} Pythia + Tauola \ Interface \ Test \\ \tau^+ \ decays \\ New \end{array}$

- From directory: /tmp/inugent/CMSSW_7_1_X_2014-05-20-0200/src
- Total number of analyzed decays: 10055
- Number of decay channels found: 2

Found decay modes:

Decay channel	Branching Ratio \pm Rough Errors		Max. shape	
	Generator #1	Generator #2	dif. param.	
$ au^+ ightarrow \pi^+ \pi^0 \pi^0 \widetilde{ u_{ au}}$	$13.9667 \pm 0.4825\%$	$49.3784 \pm 0.7008\%$	0.00045	
$\tau^+ \to \pi^- \pi^+ \pi^+ \widetilde{\nu_\tau}$	$13.5000 \pm 0.4743\%$	$50.6216 \pm 0.7095\%$	0.00000	
Channels From First Generator Only:				
$ au^+ ightarrow \pi^+ \pi^0 \widetilde{ m V_{ au}}$	$39.2500 \pm 0.8088 \%$	-	-	
$ au^+ ightarrow \pi^+ \widetilde{ u_{ au}}$	$16.1833 \pm 0.5193 \%$	-	-	
$ au^+ ightarrow \pi^- \pi^+ \pi^+ \pi^0 \widetilde{ m V_{ au}}$	$7.7500 \pm 0.3594 \%$	-	-	
$ au^+ ightarrow \pi^+ \pi^0 \pi^0 \pi^0 \widetilde{ u_{ au}}$	$1.4667 \pm 0.1563 \%$	-	-	
$ au^+ o K^+ \pi^- \pi^+ \widetilde{ u_{ au}}$	$1.3667 \pm 0.1509 \%$	-	-	
$ au^+ ightarrow K^+ \widetilde{ m V_{ au}}$	$1.0000 \pm 0.1291 \%$	-	-	
$ au^+ ightarrow \pi^+ \pi^0 \gamma \widetilde{ m V_{ au}}$	$0.9000 \pm 0.1225 \%$	-	-	
$ au^+ ightarrow \pi^+ K_L^0 \widetilde{ m V_{ au}}$	$0.8333 \pm 0.1179 \%$	-	-	
$ au^+ ightarrow K^+ \pi^{\overline{0}} \widetilde{ m V_{ au}}$	$0.6000 \pm 0.1000 \%$	-	-	
$ au^+ ightarrow \pi^- \pi^+ \pi^+ \gamma \widetilde{ m V_{ au}}$	0.5000 ± 0.0913 %	-	-	
$ au^+ ightarrow \pi^+ K_L^0 \pi^0 \widetilde{ m v_{ au}}$	0.4500 ± 0.0866 %	-	-	
$ au^+ ightarrow \pi^+ \widetilde{\mathcal{W}_{ au}}$	$0.4167 \pm 0.0833 \%$	-	-	
$ au^+ o \pi^- \pi^+ \pi^+ \pi^0 \pi^0 \widetilde{\mathcal{V}_{ au}}$	$0.2333 \pm 0.0624 \%$	-	-	
$ au^+ o K^- K^+ \pi^+ \widetilde{ u_{ au}}$	0.2000 ± 0.0577 %	-	-	
$ au^+ ightarrow \pi^+ \pi^0 \pi^0 \gamma \widetilde{ m V_{ au}}$	0.2000 ± 0.0577 %	-	-	
$ au^+ o K^+ K_L^0 \widetilde{\mathcal{V}_{ au}}$	$0.1833 \pm 0.0553 \%$	-	-	
$ au^+ ightarrow \pi^- \pi^+ \pi^+ \pi^0 \gamma \widetilde{ m V_{ au}}$	$0.1667 \pm 0.0527 \%$	-	-	
$ au^+ ightarrow \pi^+ \pi^0 \gamma \gamma \widetilde{ m v_{ au}}$	$0.1167 \pm 0.0441 \%$	-	-	
$ au^+ ightarrow \pi^+ \pi^0 \pi^0 \pi^0 \pi^0 \widetilde{ m V_{ au}}$	$0.1000 \pm 0.0408 \%$	-	-	
$ au^+ ightarrow \pi^- \pi^+ \pi^+ \pi^0 \pi^0 \pi^0 \widetilde{ u_{ au}}$	$0.1000 \pm 0.0408 \%$	-	-	
$ au^+ ightarrow \pi^-\pi^-\pi^+\pi^+\pi^+\widetilde{ u_{ au}}$	$0.0833 \pm 0.0373 \%$	-	-	
$ au^+ o K^+ \pi^- \pi^+ \pi^0 \widetilde{ m V_{ au}}$	$0.0833 \pm 0.0373 \%$	-	-	
$ au^+ ightarrow \pi^- \pi^+ \pi^+ K_L^0 \widetilde{ m V_{ au}}$	$0.0833 \pm 0.0373 \%$	-	-	
$ au^+ ightarrow \pi^- \pi^- \pi^+ \pi^+ \pi^- \pi^0 \widetilde{ m V_{ au}}$	$0.0667 \pm 0.0333 \%$	-	-	
$ au^+ o K^+ \pi^- \pi^+ \gamma \widetilde{ m v_{ au}}$	$0.0333 \pm 0.0236 \%$	-	-	
$ au^+ ightarrow K^+ \gamma \widetilde{ m V_{ au}}$	$0.0333 \pm 0.0236 \%$	-	-	
$ au^+ ightarrow \pi^+ K_L^0 \pi^0 \pi^0 \widetilde{ m v_{ au}}$	$0.0333 \pm 0.0236 \%$	-	-	
$ au^+ ightarrow \pi^+ K_L^0 K_L^0 \widetilde{ u_{ au}}$	$0.0333 \pm 0.0236 \%$	-	-	
$ au^+ ightarrow \pi^- \pi^+ \pi^+ \gamma \gamma \widetilde{ m V_{ au}}$	$0.0333 \pm 0.0236 \%$	-	-	
$ au^+ o K^+ K_L^0 \pi^0 \widetilde{ m V_{ au}}$	0.0167 ± 0.0167 %	-	-	
$ au^+ o K^+ \pi^0 \pi^0 \widetilde{ m V_{ au}}$	$0.0167 \pm 0.0167 \%$	-	-	

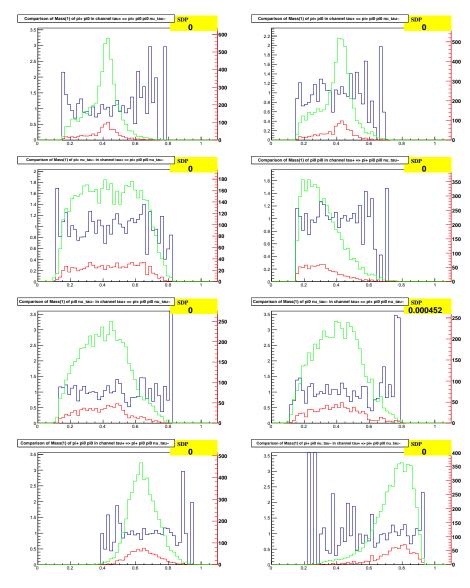
Similarity coefficients: T1=133.897068 %, T2=0.014096 %

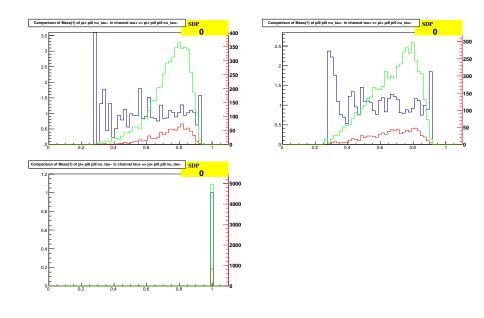
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1 Decay Channel: $\tau^+ \to \pi^+ \pi^0 \pi^0 \widetilde{\nu_{\tau}}$

Number of events from generator 1: 838 Number of events from generator 2: 4965





2 Decay Channel: $\tau^+ \to \pi^- \pi^+ \pi^+ \widetilde{\nu_\tau}$

Number of events from generator 1: 810 Number of events from generator 2: 5090

