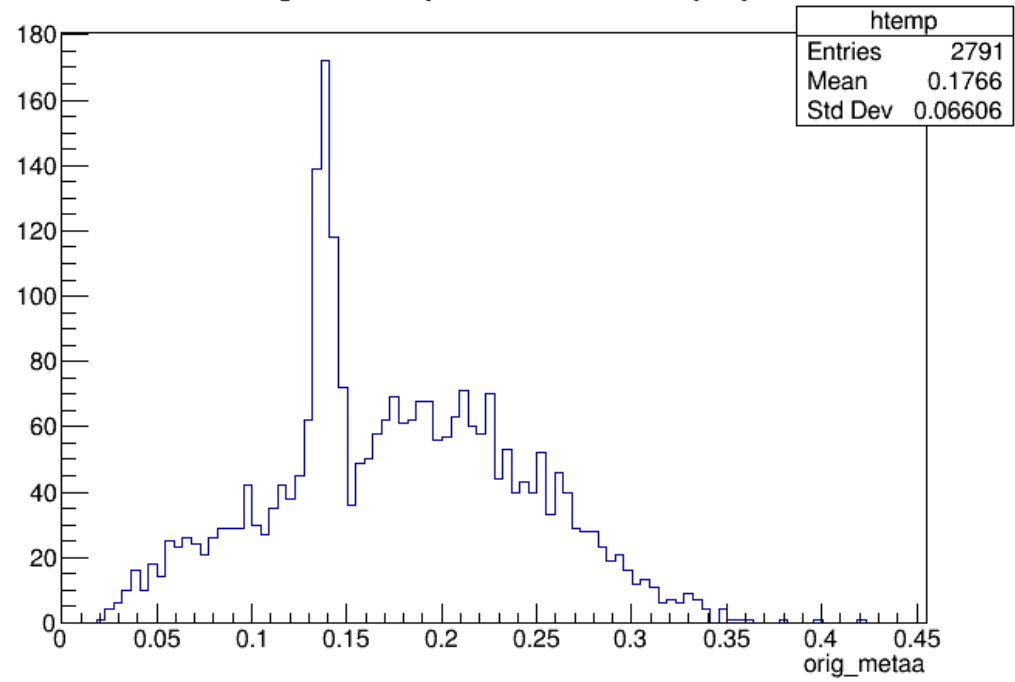
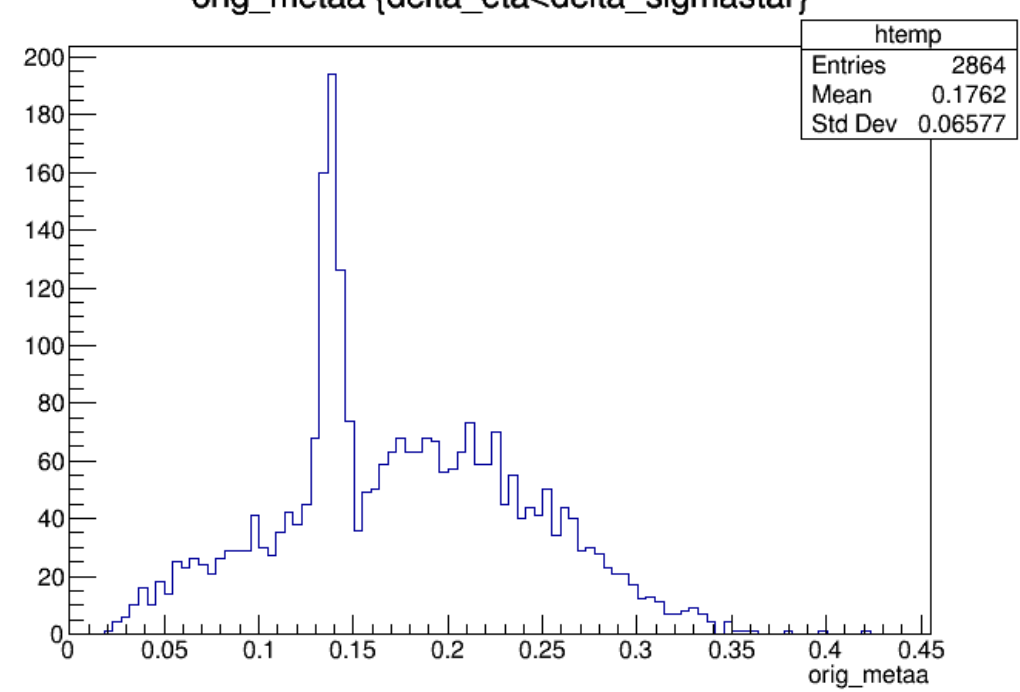


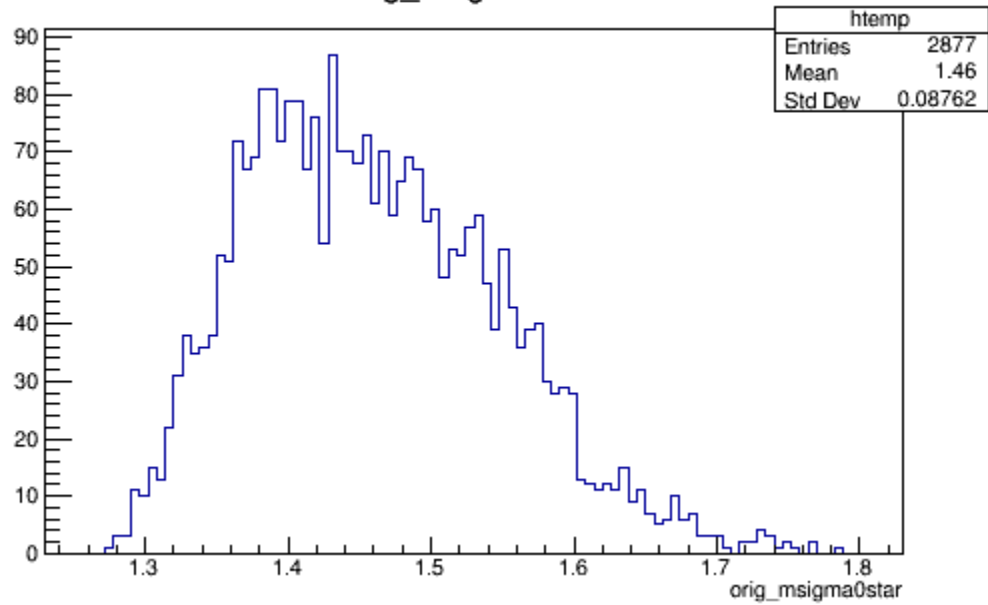
orig_metaa {delta_eta<delta_pi0}



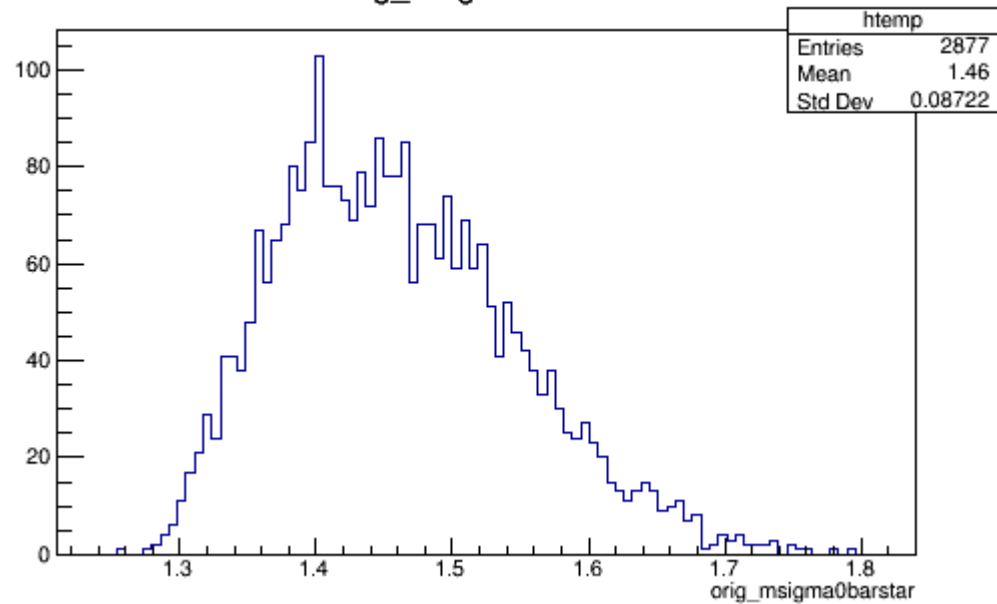
orig_metaa {delta_eta<delta_sigmastar}



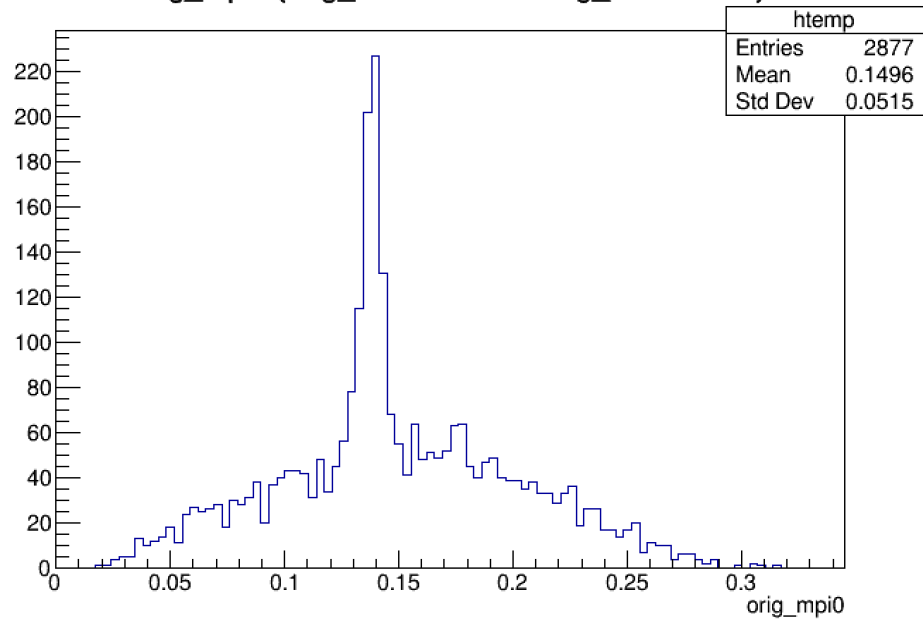
orig_msigma0star



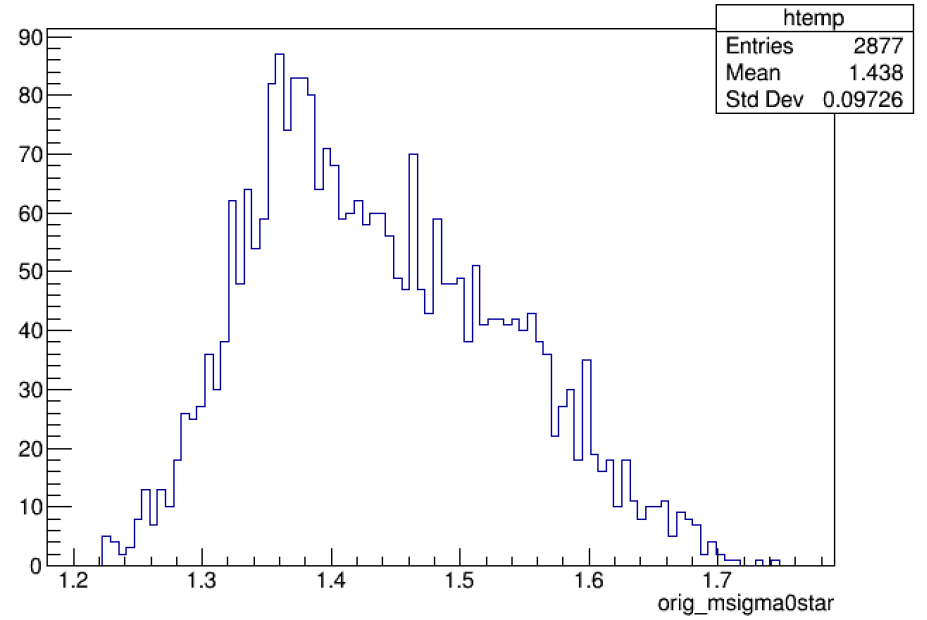
orig_msigma0barstar



orig_mpi0 {orig_meta<0.56&&orig_meta>0.53}



orig_msigma0star {orig_meta<0.56&&orig_meta>0.53}



orig_msigma0star (orig_meta<0.56&&orig_meta>0.53 && (orig_mpi0<0.15 && orig_mpi0>0.12))

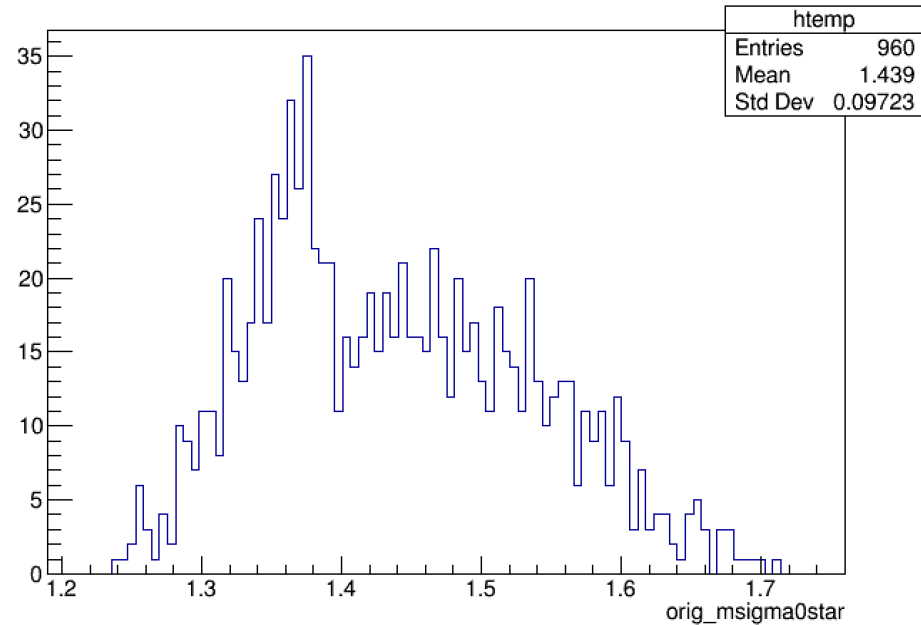
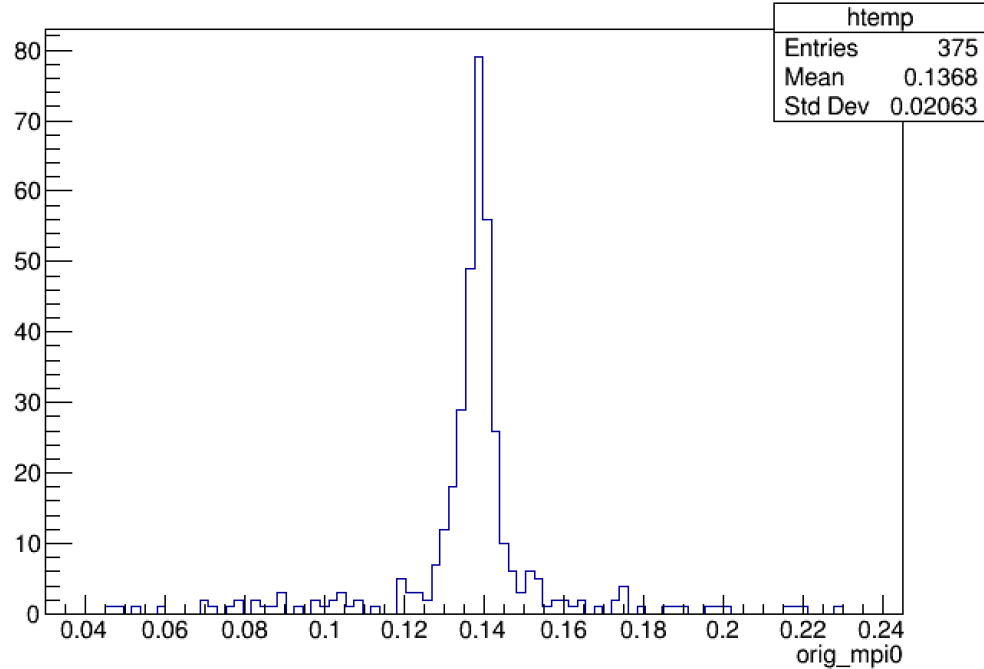


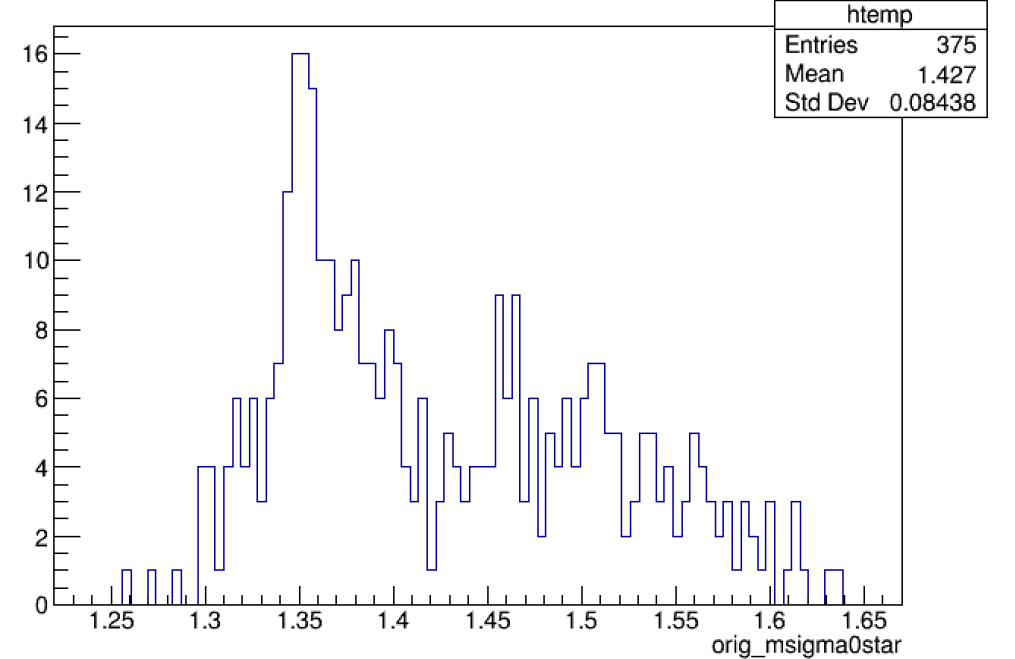
Table 1: Decay trees and their respective final states.

rowNo	decay tree	decay final state	iDcyTr	nEtr	nCEtr
1	$J/\psi \rightarrow \eta \bar{\Lambda} \Sigma^0, \eta \rightarrow \gamma\gamma, \bar{\Lambda} \rightarrow \pi^+ \bar{p}, \Sigma^0 \rightarrow \Lambda \gamma, \Lambda \rightarrow \pi^- p$	$\pi^+ \pi^- p \bar{p} \gamma \gamma$	2	393	393
2	$J/\psi \rightarrow \Sigma^{*0} \bar{\Sigma}^{*0}, \Sigma^{*0} \rightarrow \pi^0 \Lambda, \bar{\Sigma}^{*0} \rightarrow \pi^0 \bar{\Lambda}, \Lambda \rightarrow \pi^- p, \bar{\Lambda} \rightarrow \pi^+ \bar{p}$	$\pi^0 \pi^0 \pi^+ \pi^- p \bar{p}$	0	375	768
3	$J/\psi \rightarrow \eta \Lambda \bar{\Sigma}^0, \eta \rightarrow \gamma\gamma, \Lambda \rightarrow \pi^- p, \bar{\Sigma}^0 \rightarrow \bar{\Lambda} \gamma, \bar{\Lambda} \rightarrow \pi^+ \bar{p}$	$\pi^+ \pi^- p \bar{p} \gamma \gamma$	5	359	1127
4	$J/\psi \rightarrow \pi^0 \bar{\Lambda} \Sigma^{*0}, \bar{\Lambda} \rightarrow \pi^+ \bar{p}, \Sigma^{*0} \rightarrow \pi^0 \Lambda, \Lambda \rightarrow \pi^- p$	$\pi^0 \pi^0 \pi^+ \pi^- p \bar{p}$	3	81	1208
5	$J/\psi \rightarrow \pi^0 \Lambda \bar{\Sigma}^{*0}, \Lambda \rightarrow \pi^- p, \bar{\Sigma}^{*0} \rightarrow \pi^0 \bar{\Lambda}, \bar{\Lambda} \rightarrow \pi^+ \bar{p}$	$\pi^0 \pi^0 \pi^+ \pi^- p \bar{p}$	6	80	1288
6	$J/\psi \rightarrow \Xi^0 \bar{\Xi}^0, \Xi^0 \rightarrow \pi^0 \Lambda, \bar{\Xi}^0 \rightarrow \pi^0 \bar{\Lambda}, \Lambda \rightarrow \pi^- p, \bar{\Lambda} \rightarrow \pi^+ \bar{p}$	$\pi^0 \pi^0 \pi^+ \pi^- p \bar{p}$	7	11	1299
7	$J/\psi \rightarrow \pi^0 \Sigma^0 \bar{\Sigma}^0, \Sigma^0 \rightarrow \Lambda \gamma, \bar{\Sigma}^0 \rightarrow \bar{\Lambda} \gamma, \Lambda \rightarrow \pi^- p, \bar{\Lambda} \rightarrow \pi^+ \bar{p}$	$\pi^0 \pi^+ \pi^- p \bar{p} \gamma \gamma$	22	8	1307

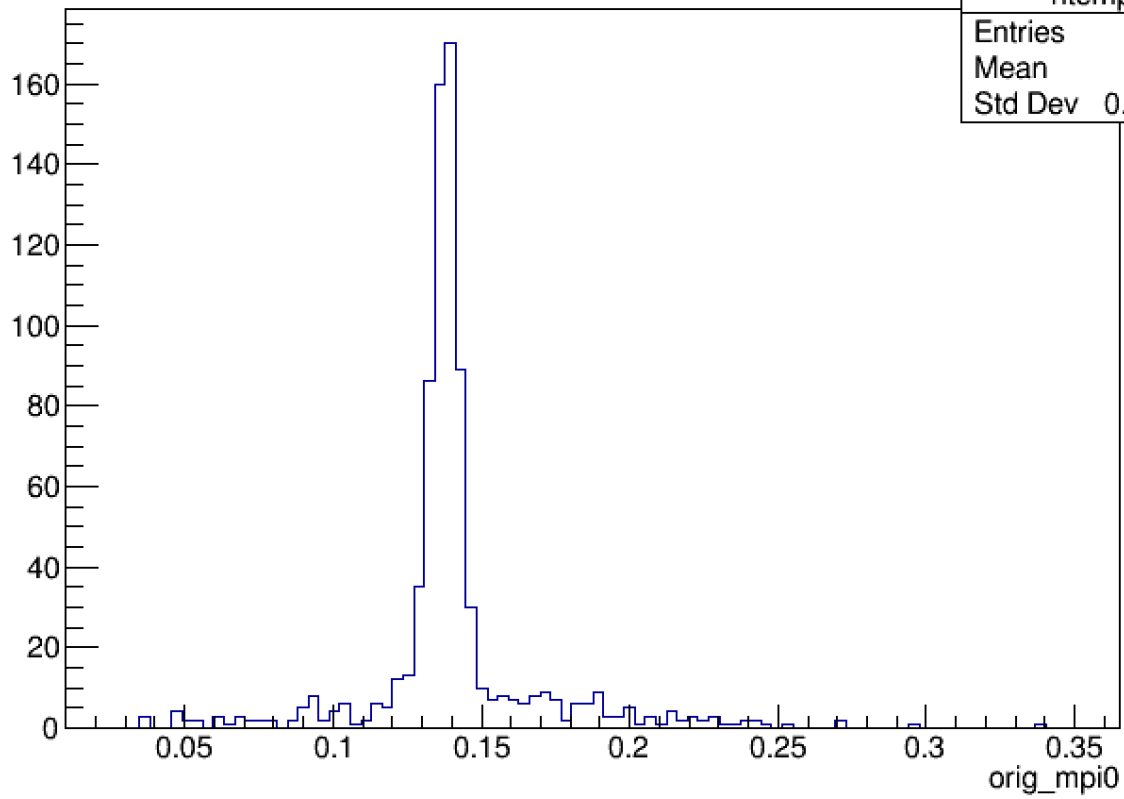
orig_mpi0 {iDcyTr == 0}



orig_msigma0star {iDcyTr == 0}

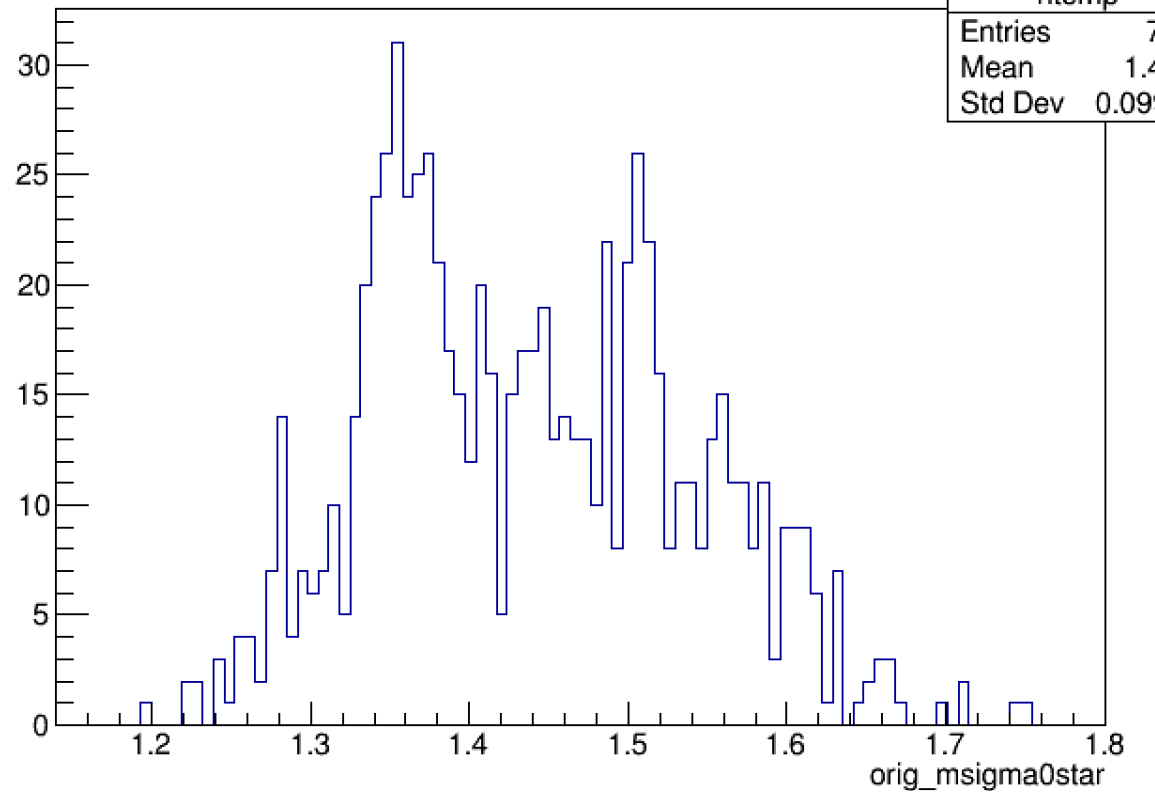


orig_mpi0



htemp	
Entries	787
Mean	0.1411
Std Dev	0.02878

orig_msigma0star



htemp	
Entries	787
Mean	1.439
Std Dev	0.09951

BG