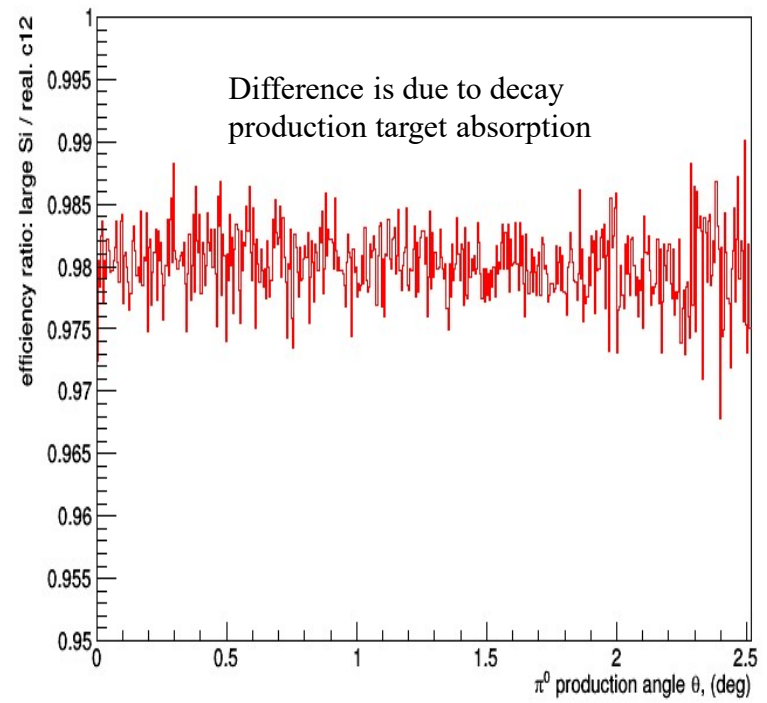
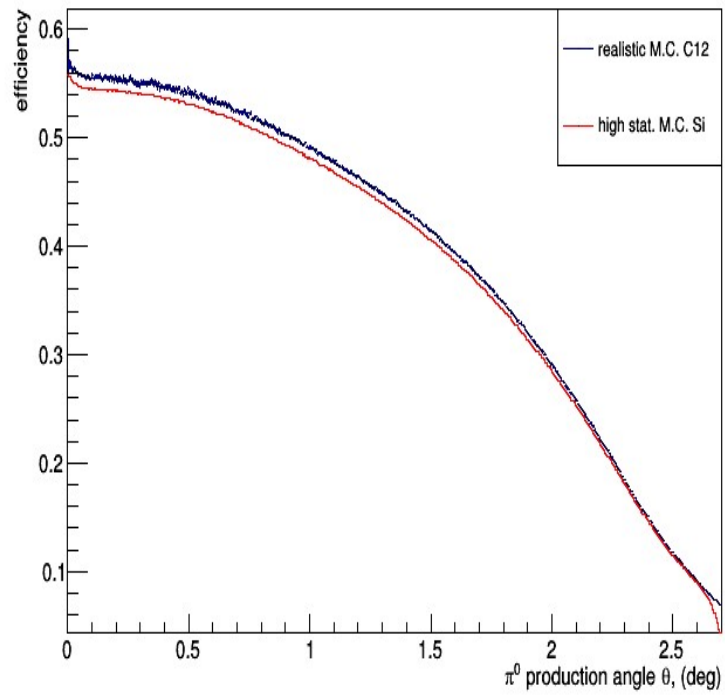
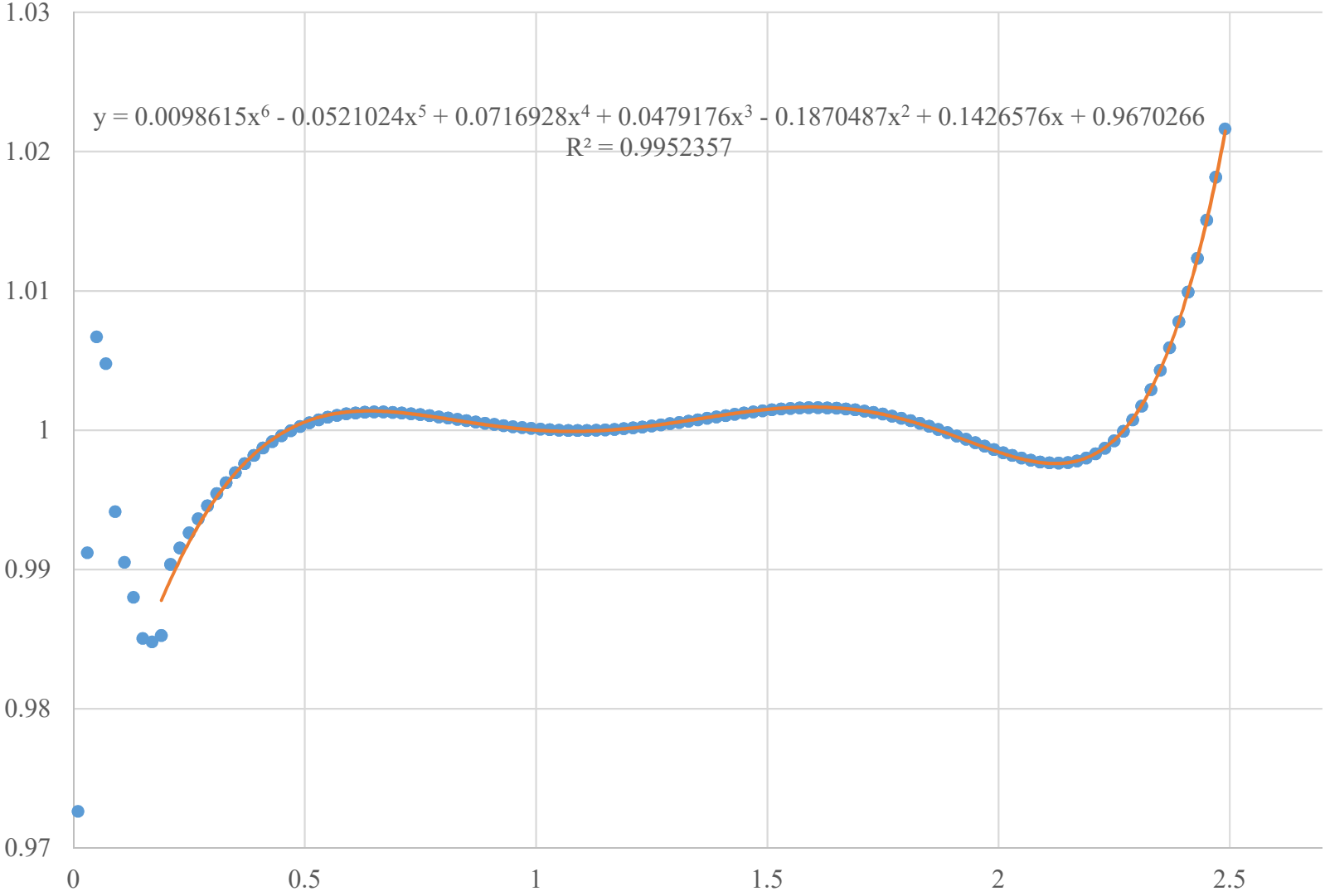


Check efficiency

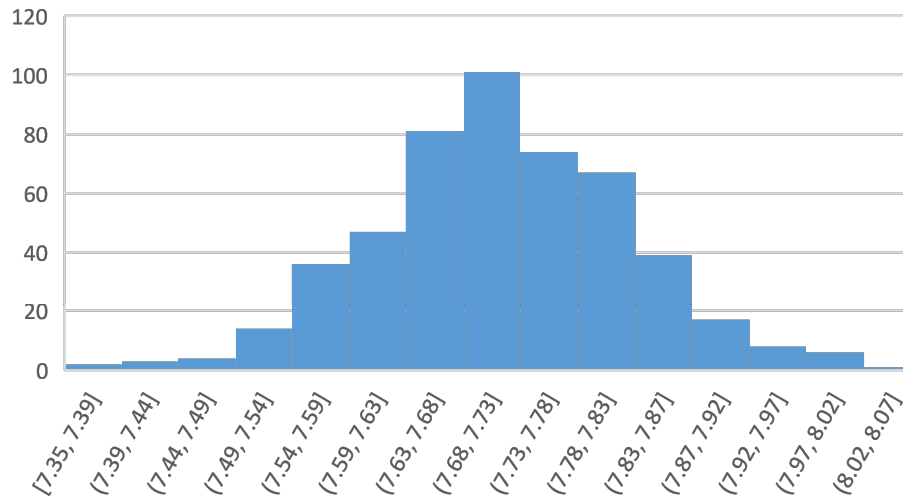


Nmc/Nfit

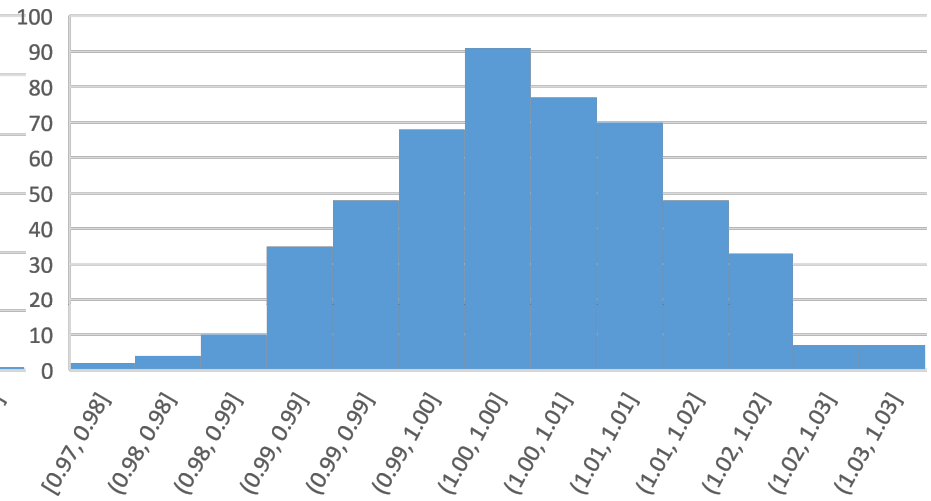


Parameter distributions from M.C. samples after correction

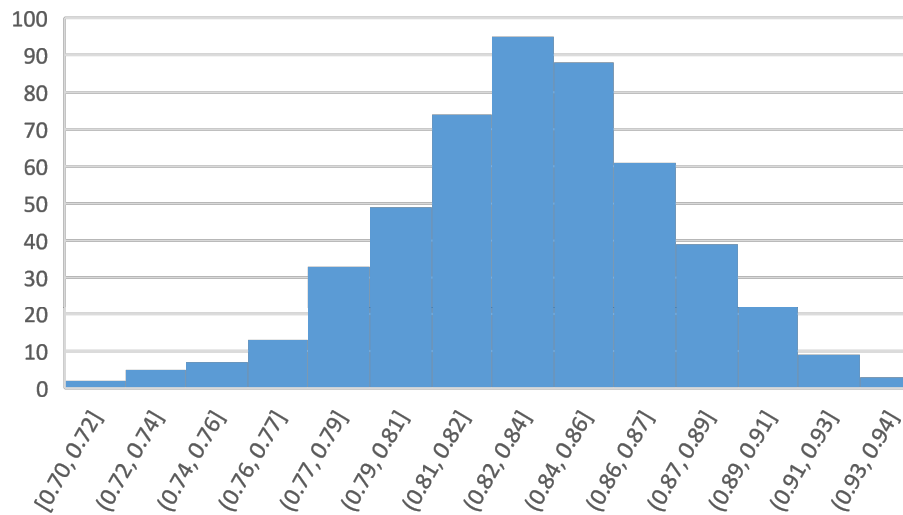
$\Gamma(\pi^0 \rightarrow \gamma\gamma)$: ^{12}C real. M.C.



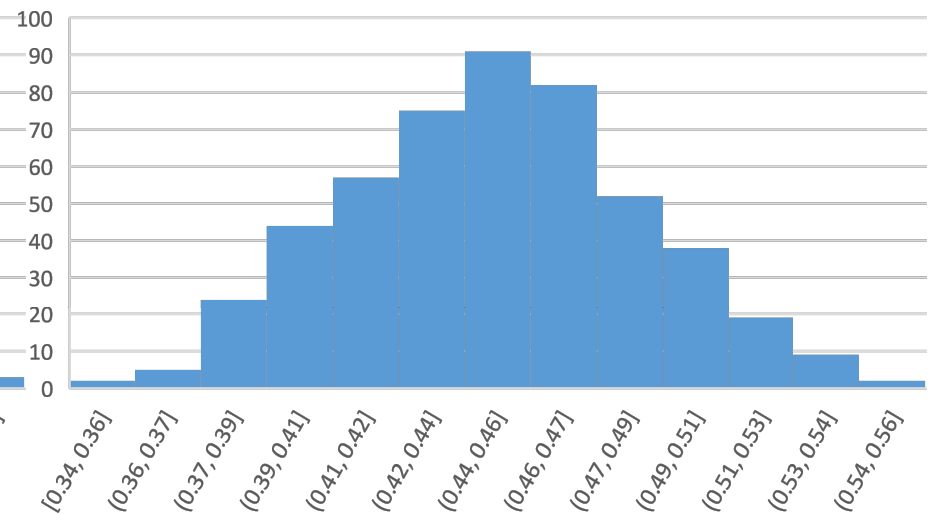
C_1 : ^{12}C real. M.C.



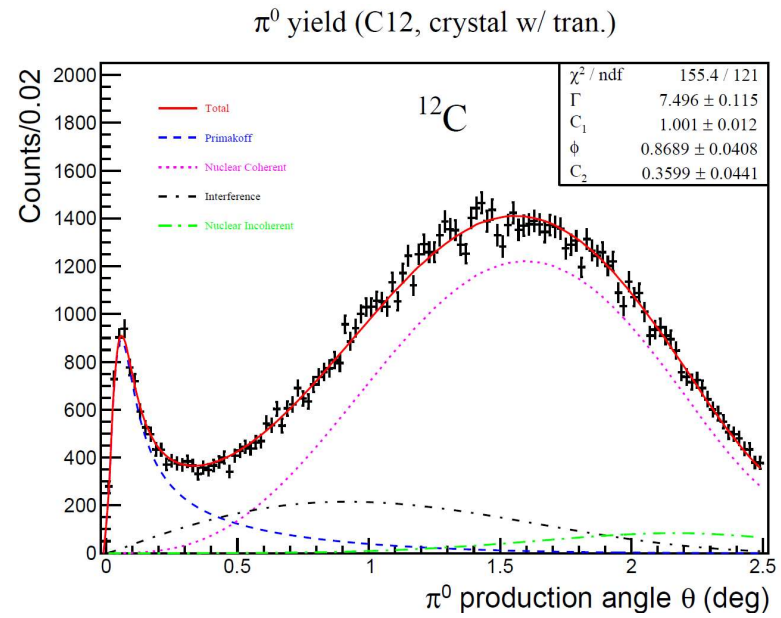
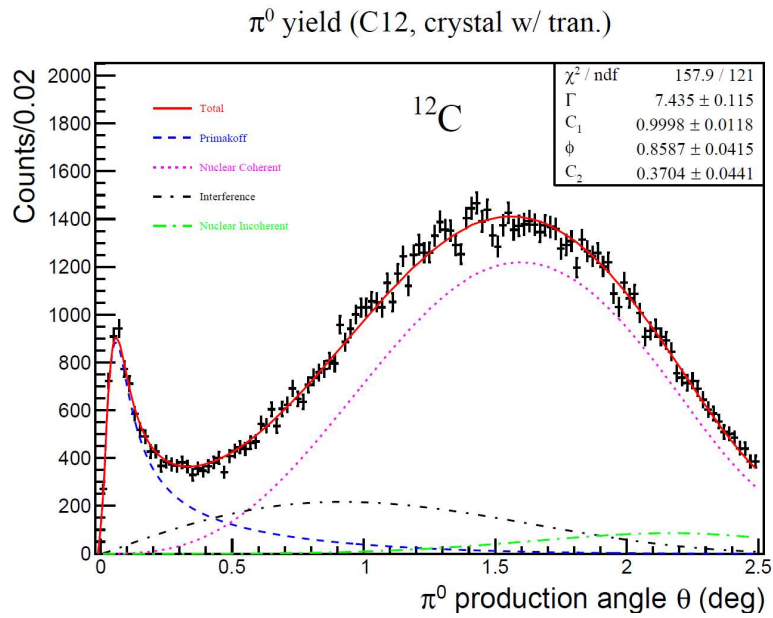
Φ : ^{12}C real. M.C.



C_2 : ^{12}C real. M.C.



Carbon before and after M.C. correction



Summary

M.C. before and after correction

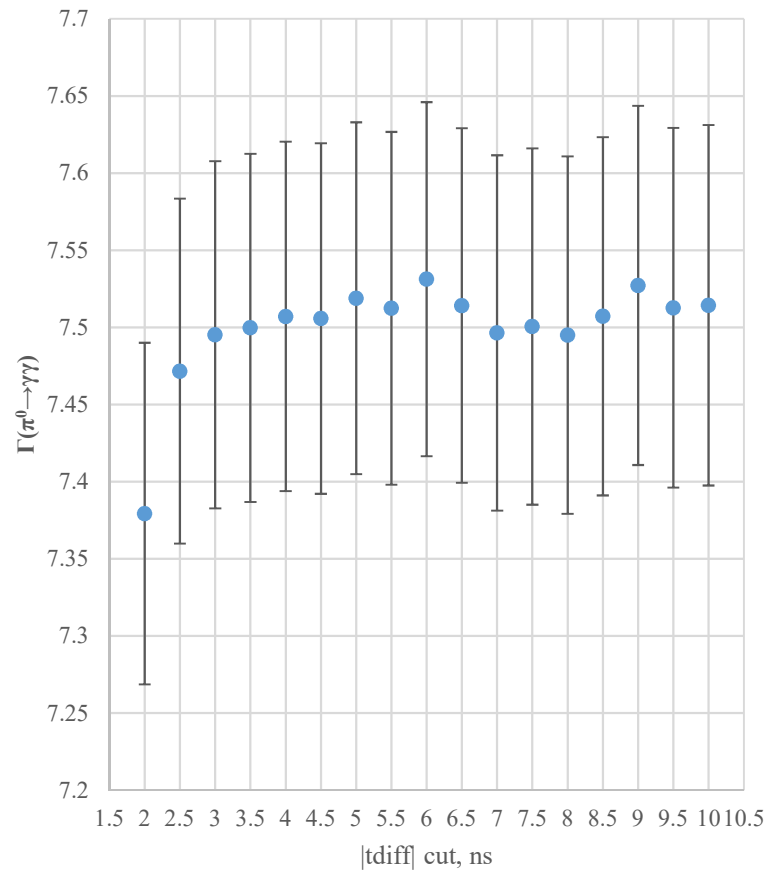
$\Gamma(\pi^0 \rightarrow \gamma\gamma)$	C_1	Φ	C_2
7.651629	1.001548	0.82431	0.459817
7.71349	1.003168	0.834877	0.448836

Data before and after correction

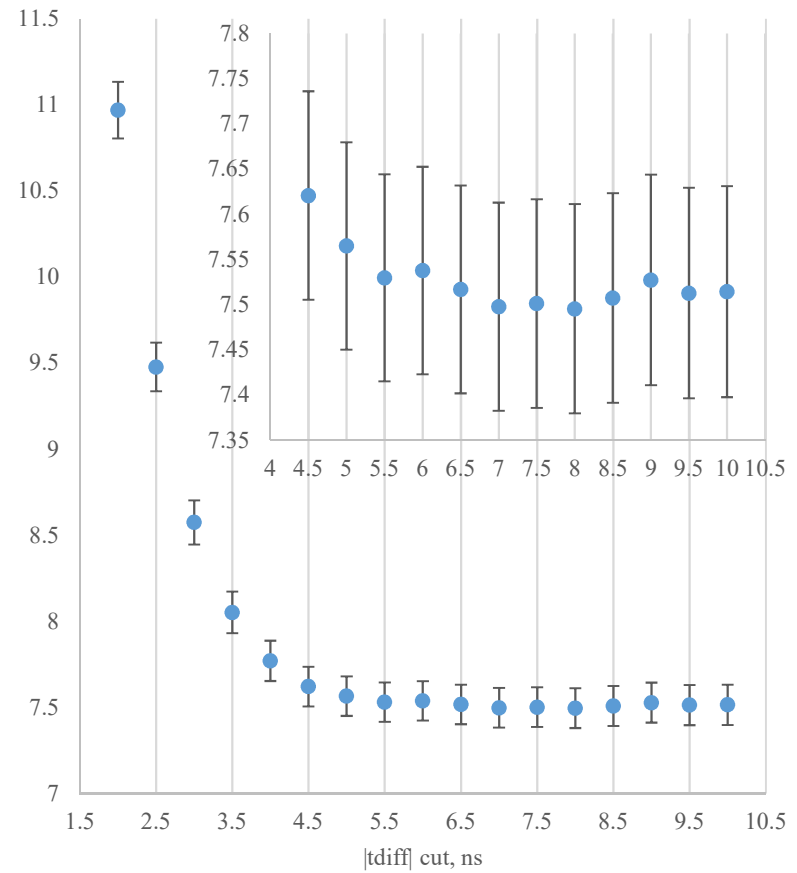
$\Gamma(\pi^0 \rightarrow \gamma\gamma)$	C_1	Φ	C_2
7.435	1.000	0.859	0.370
7.496	1.001	0.869	0.360

Timing study

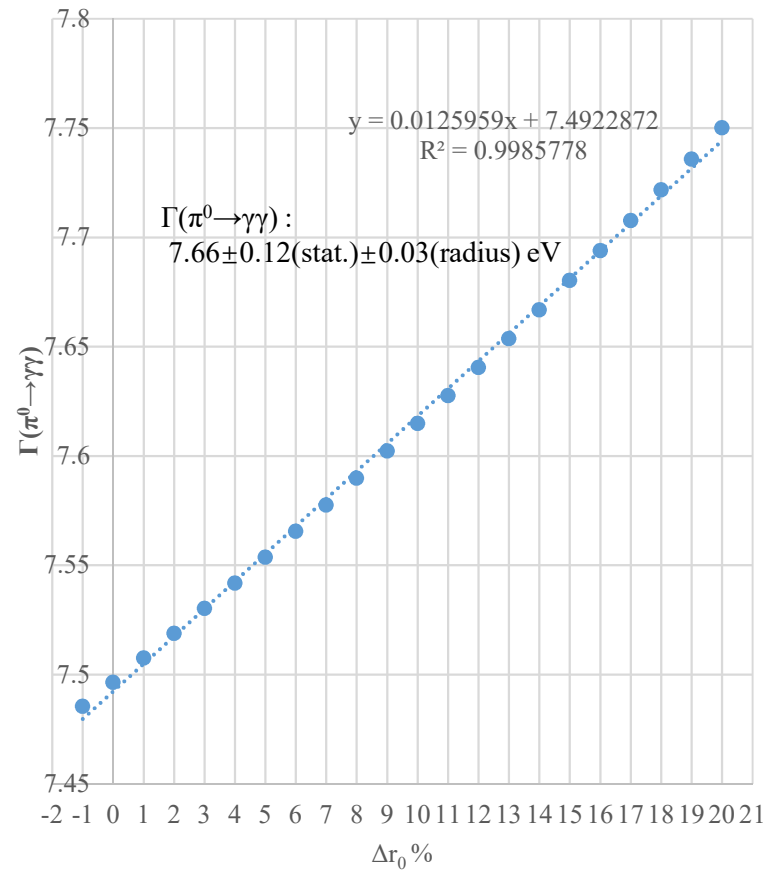
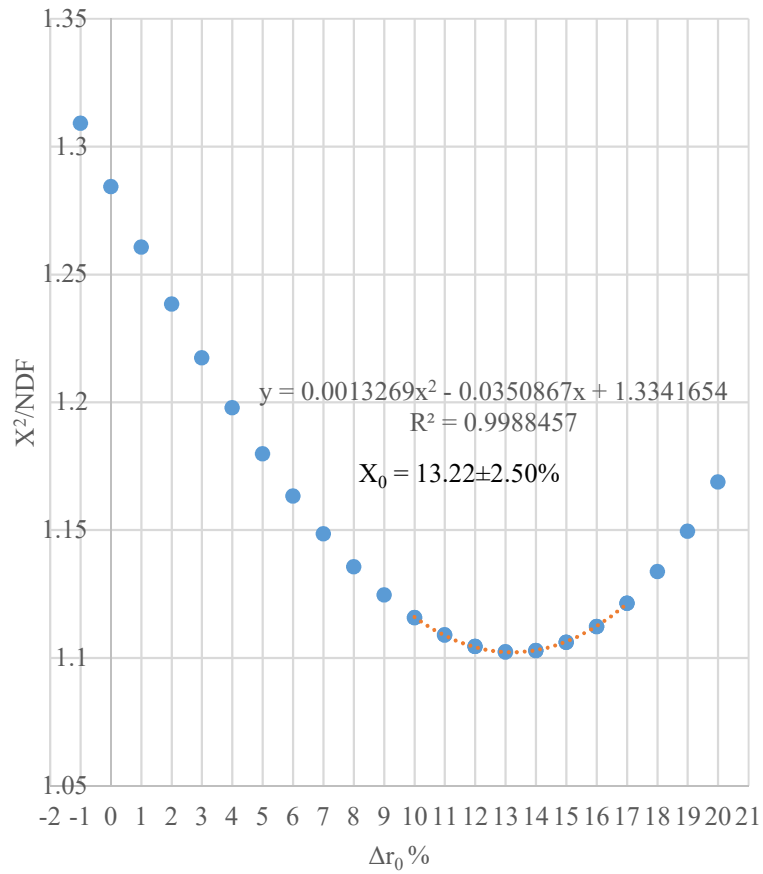
No timing efficiency



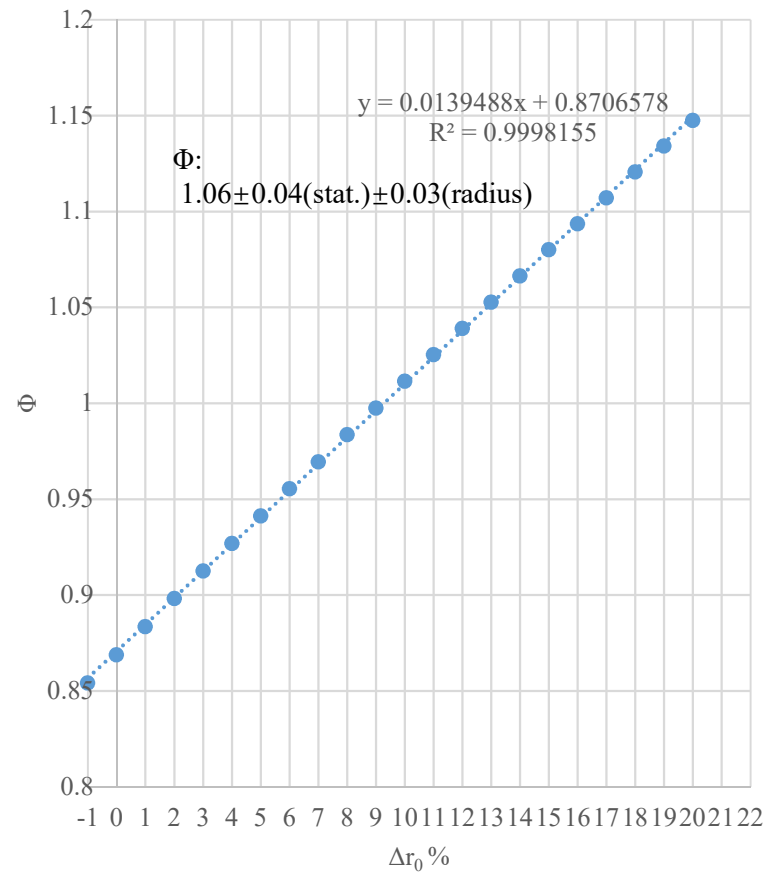
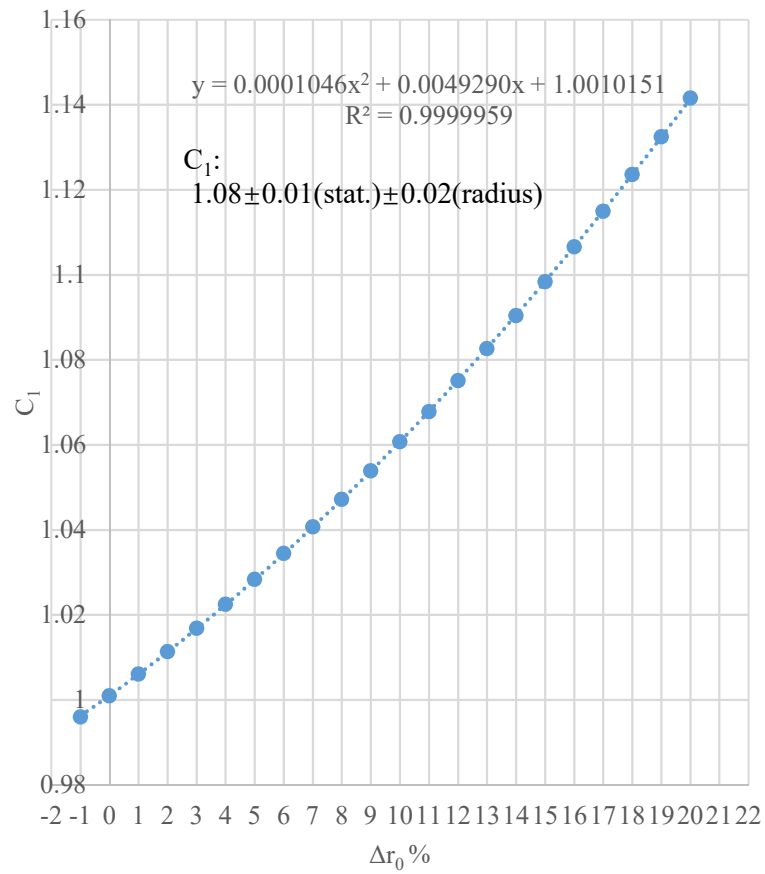
Timing efficiency applied



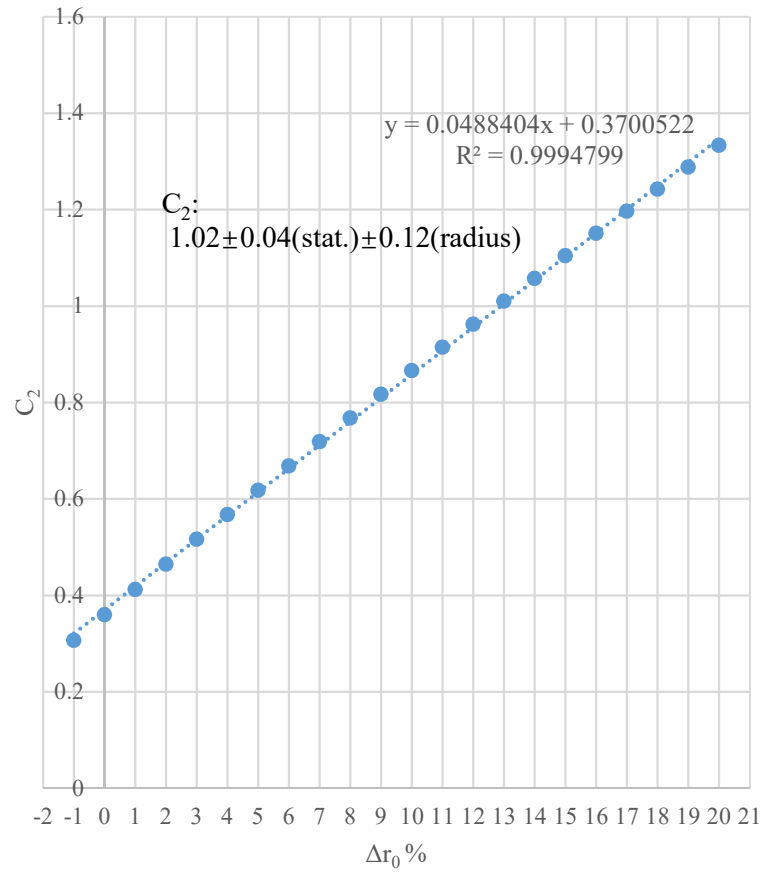
Carbon radius (3pF)



Carbon radius (3pF)

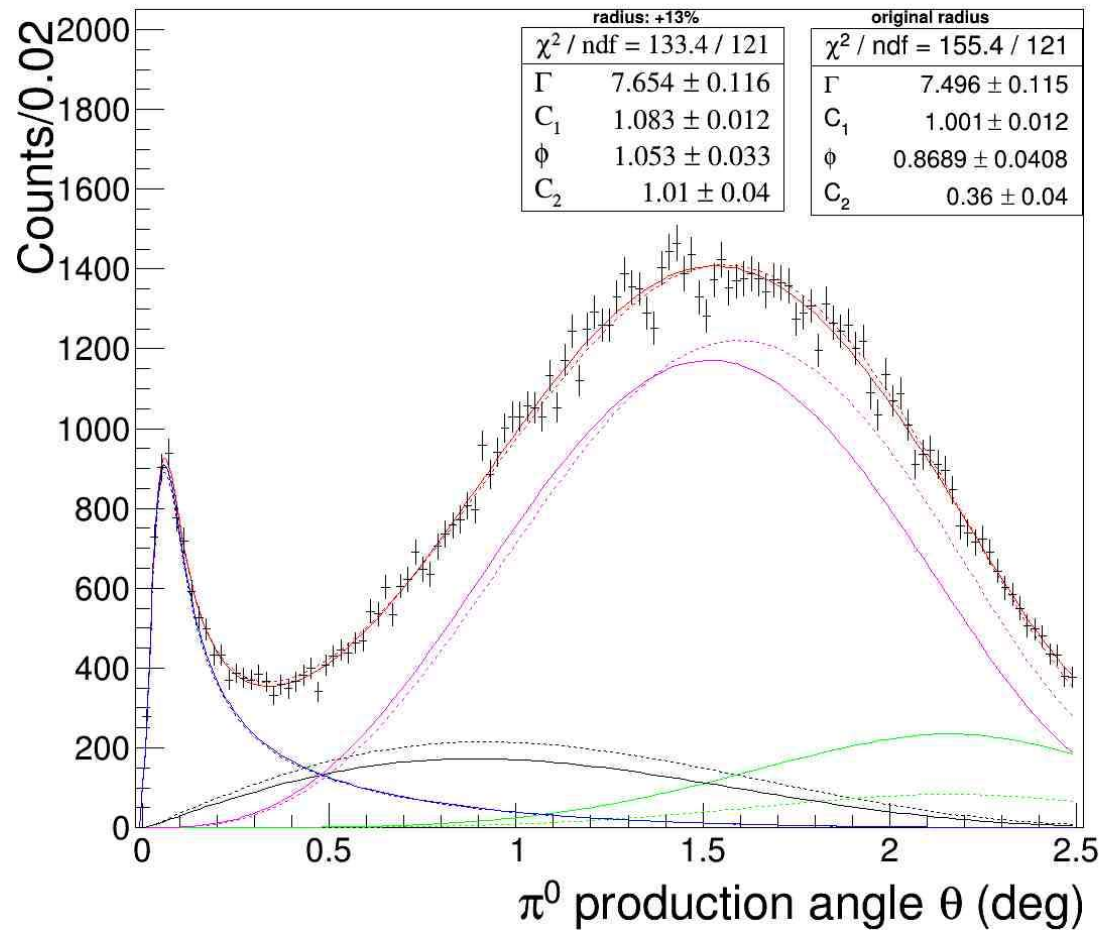


Carbon radius (3pF)

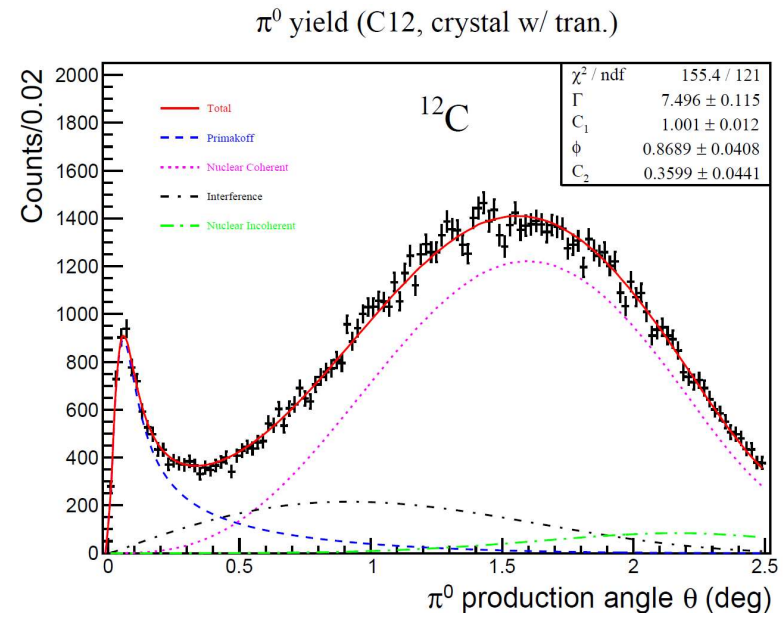
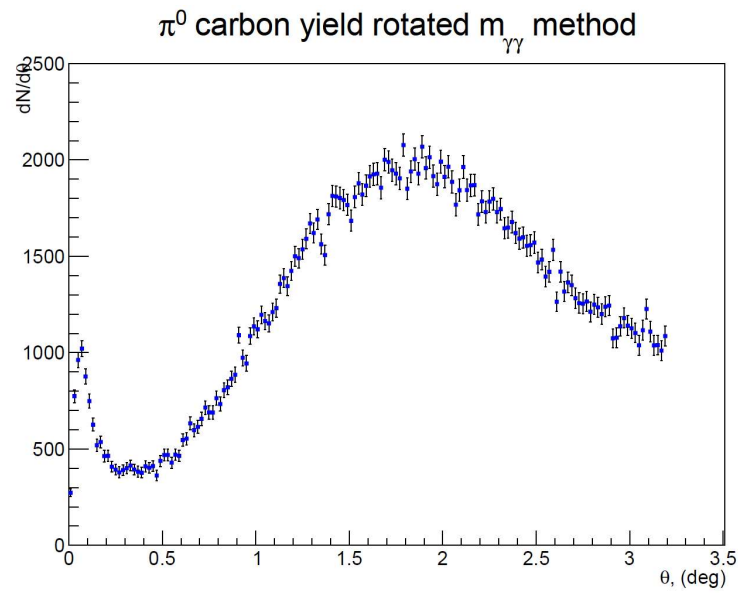


Carbon radius (3pF)

π^0 yield (C12, crystal w/ tran.)



Use HYCAL glass modules



Use HYCAL glass modules

