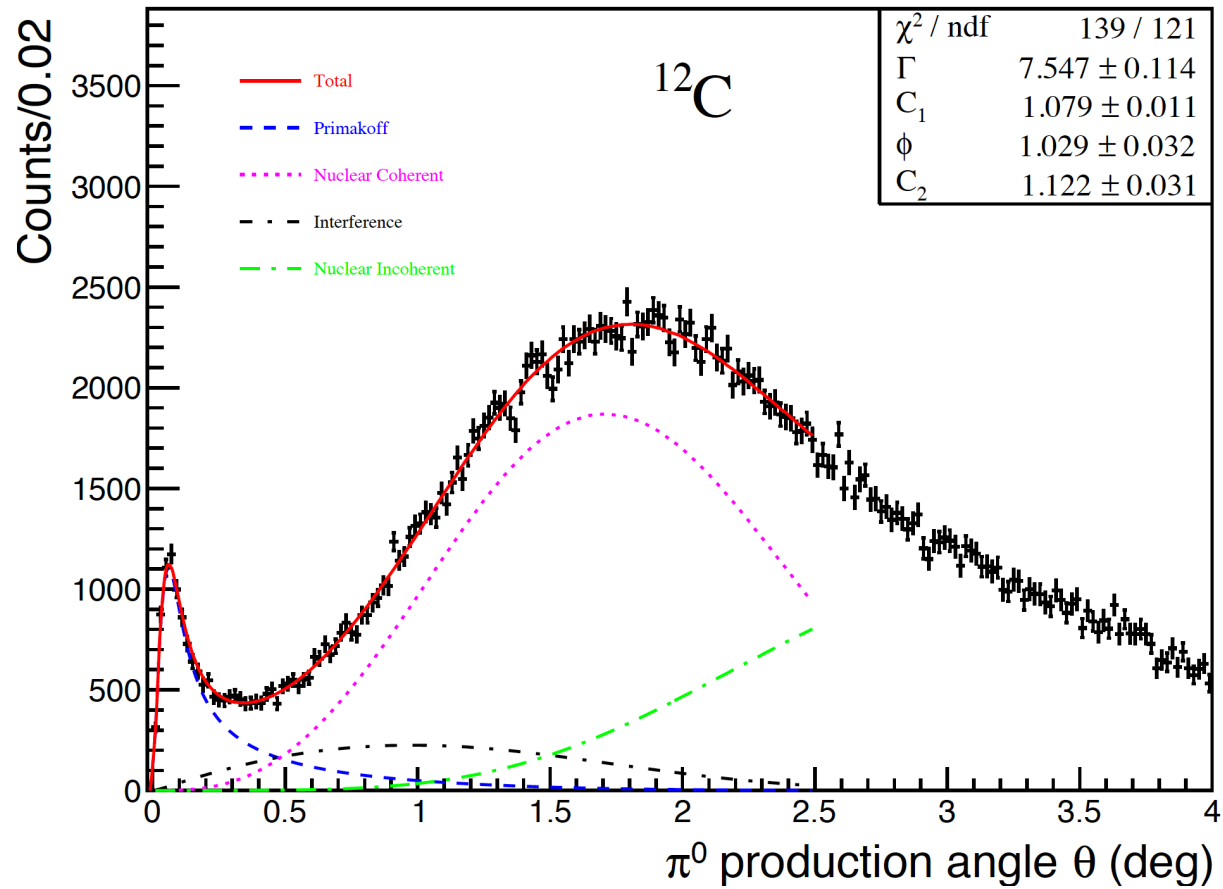


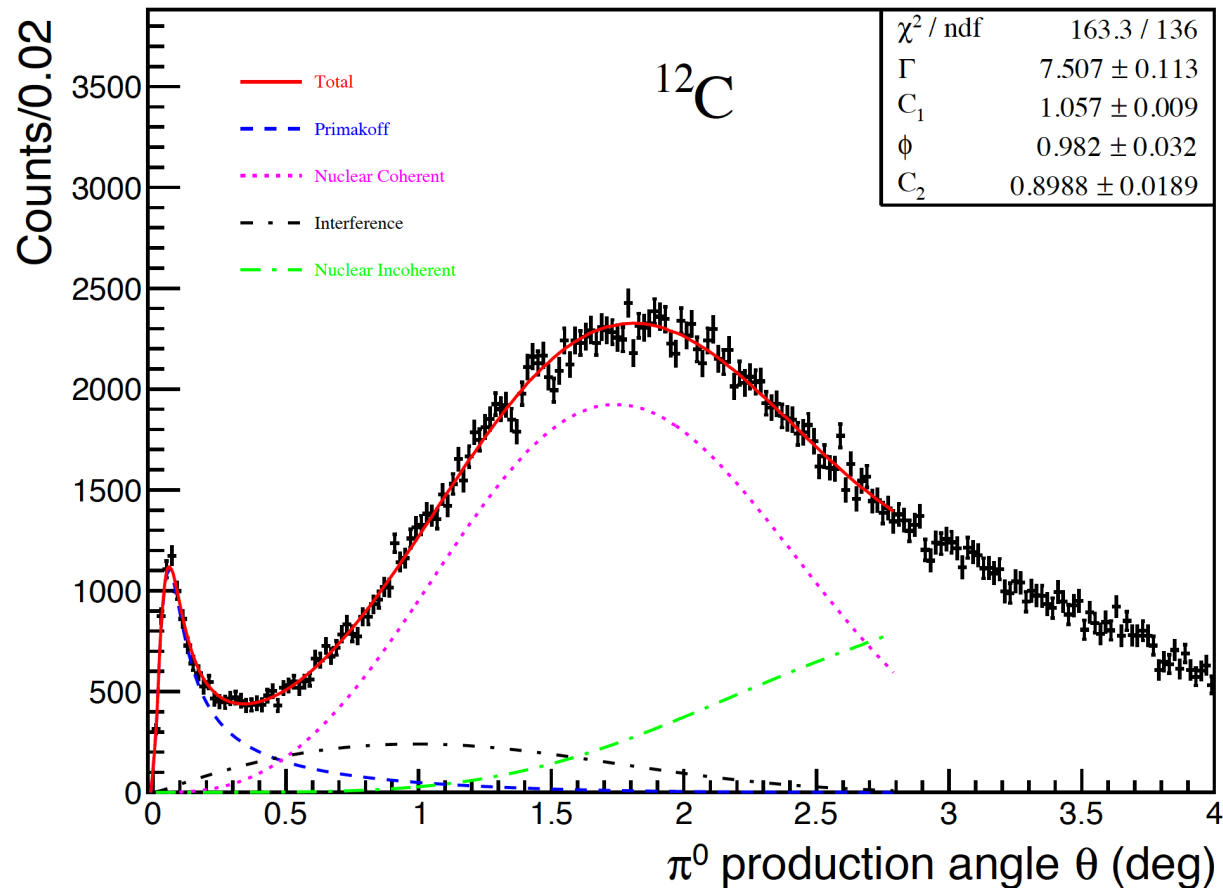
[0, 2.5] deg, r:8%,  $\chi^2/\text{NDF} = 1.149$

$\pi^0$  yield (C12, crystal w/ tran.)

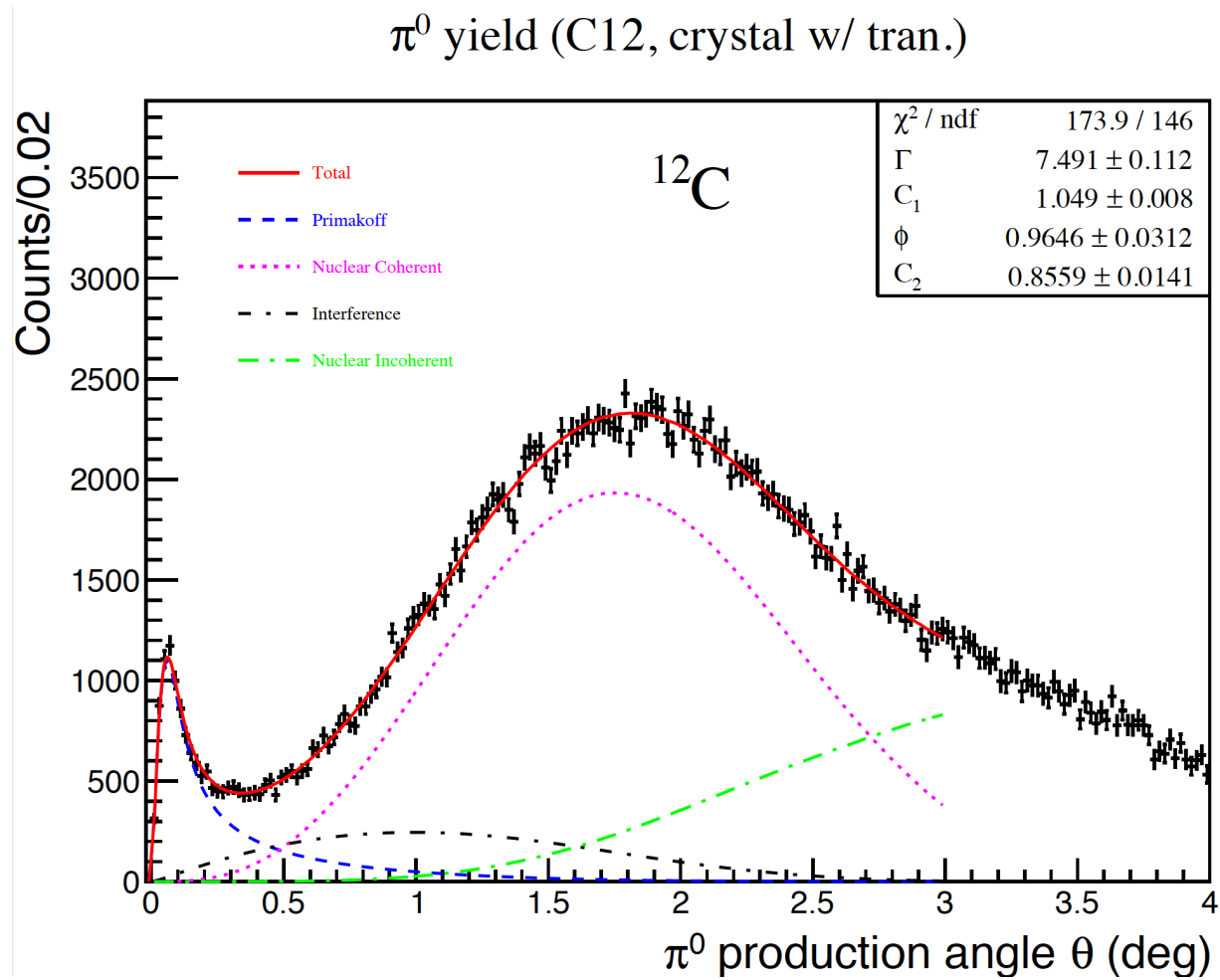


[0, 2.8] deg, r:4%,  $\chi^2/\text{NDF} = 1.201$

$\pi^0$  yield (C12, crystal w/ tran.)

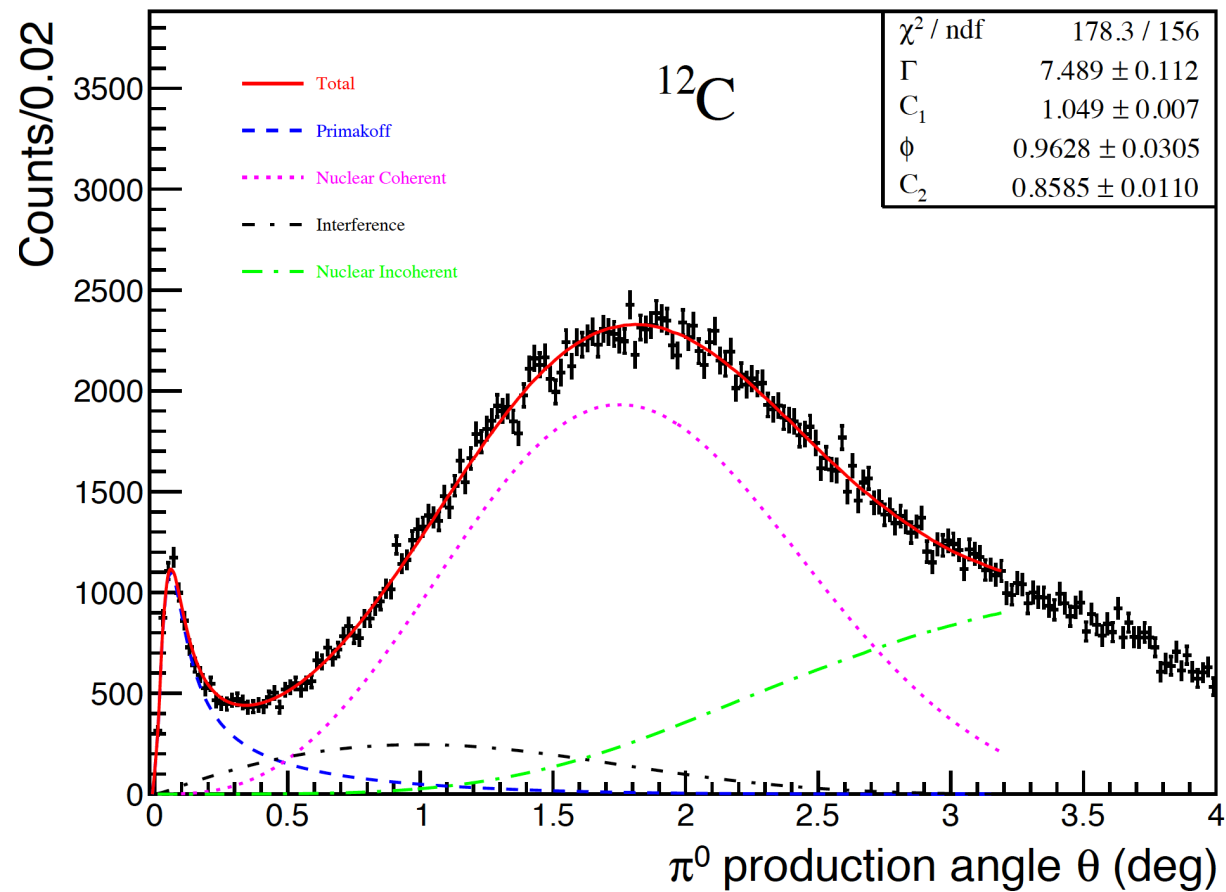


[0, 3.0] deg, r:3%,  $\chi^2/\text{NDF} = 1.191$



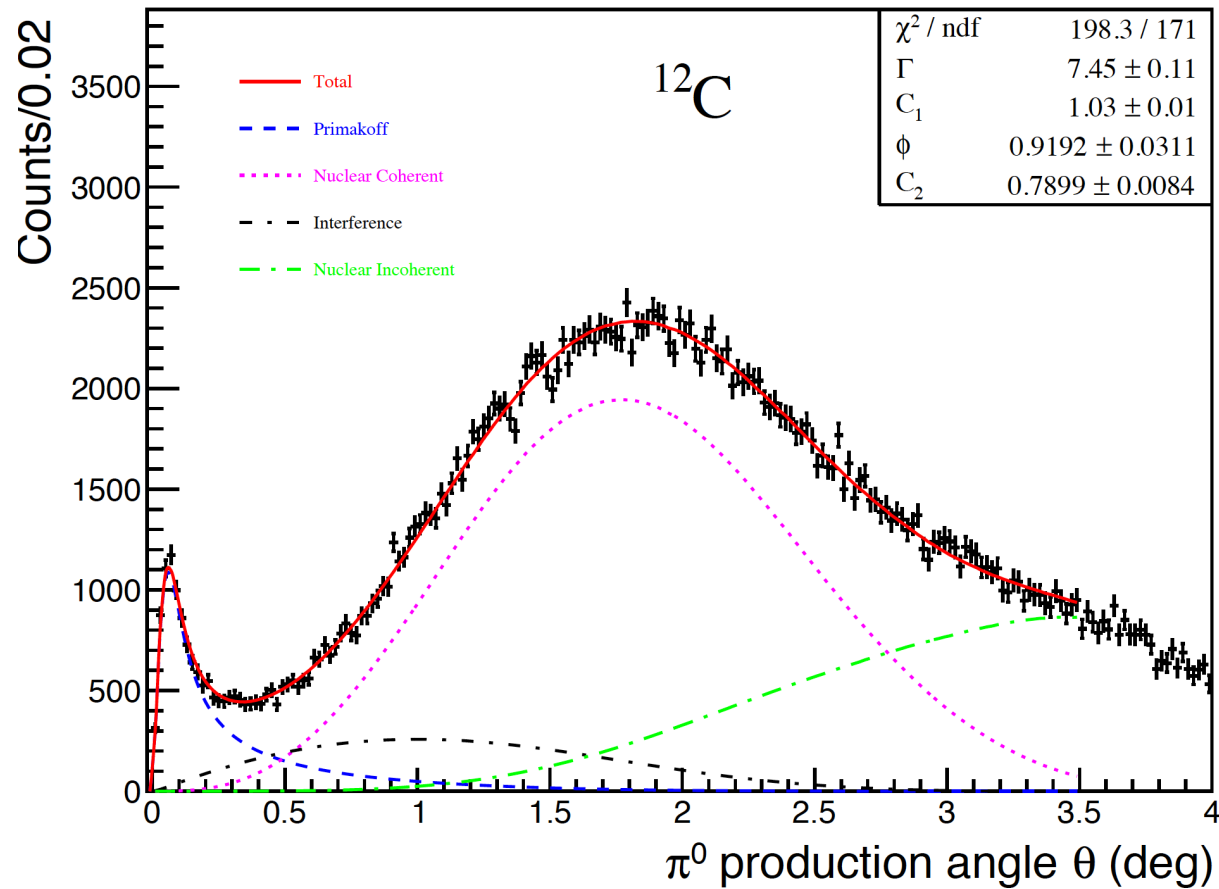
[0, 3.2] deg, r:3%,  $\chi^2/\text{NDF} = 1.143$

$\pi^0$  yield (C12, crystal w/ tran.)



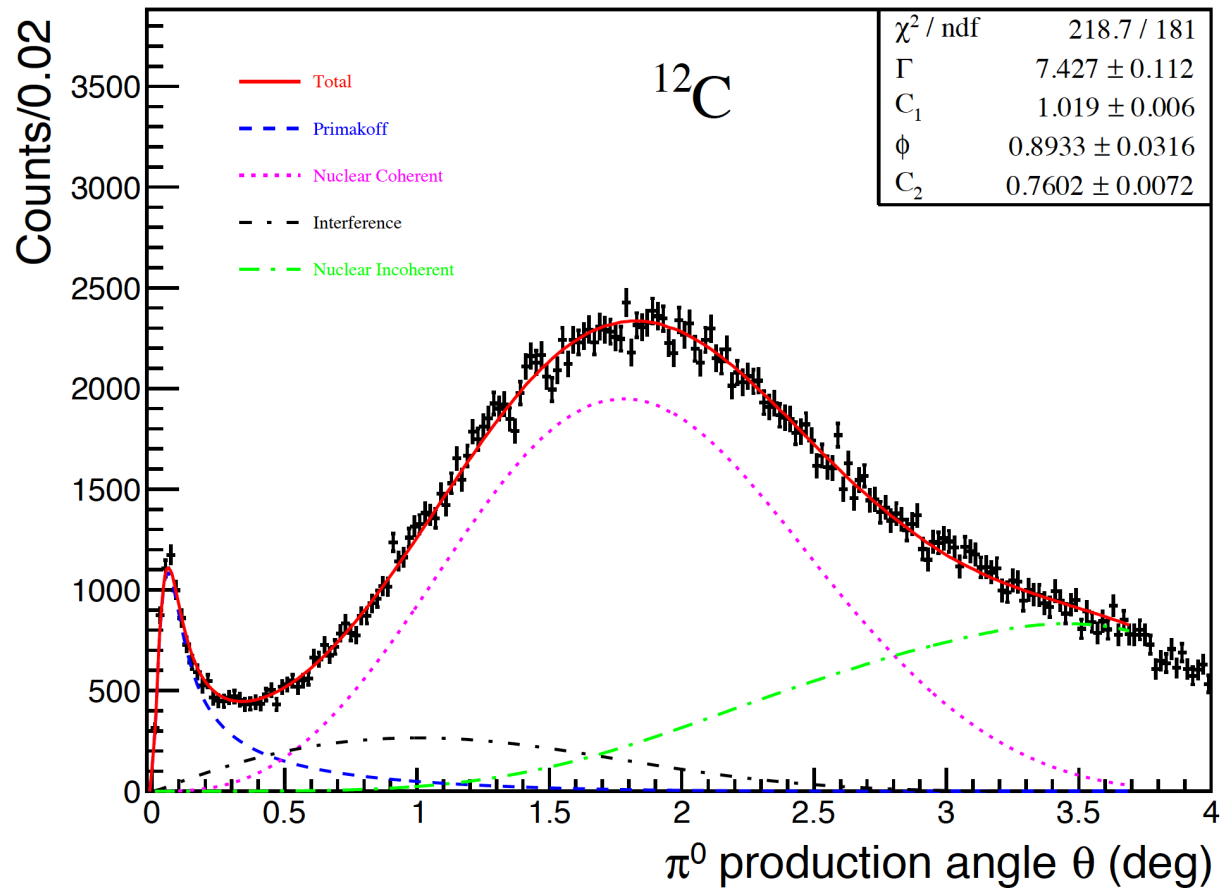
[0, 3.5] deg, r:1%,  $\chi^2/\text{NDF} = 1.160$

$\pi^0$  yield (C12, crystal w/ tran.)



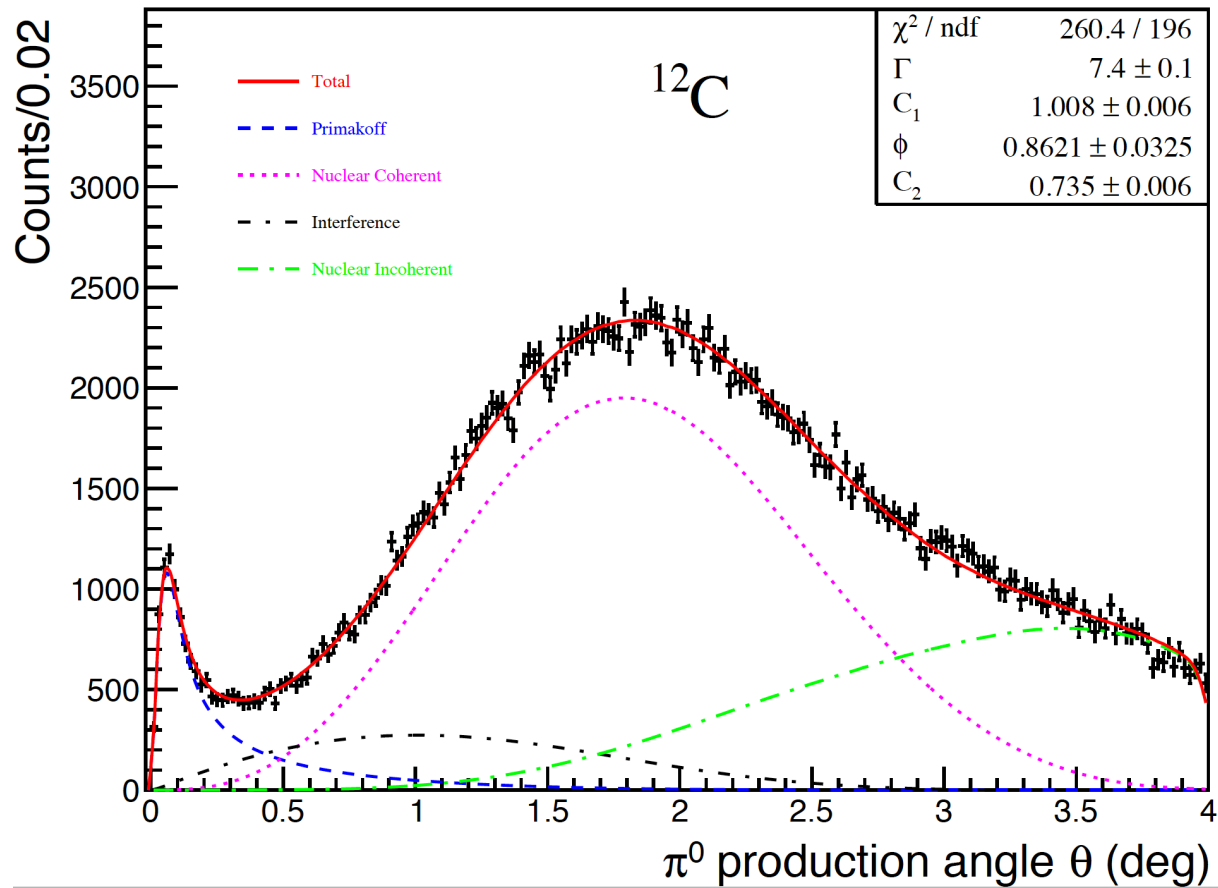
[0, 3.7] deg, r:0%,  $\chi^2/\text{NDF} = 1.208$

$\pi^0$  yield (C12, crystal w/ tran.)



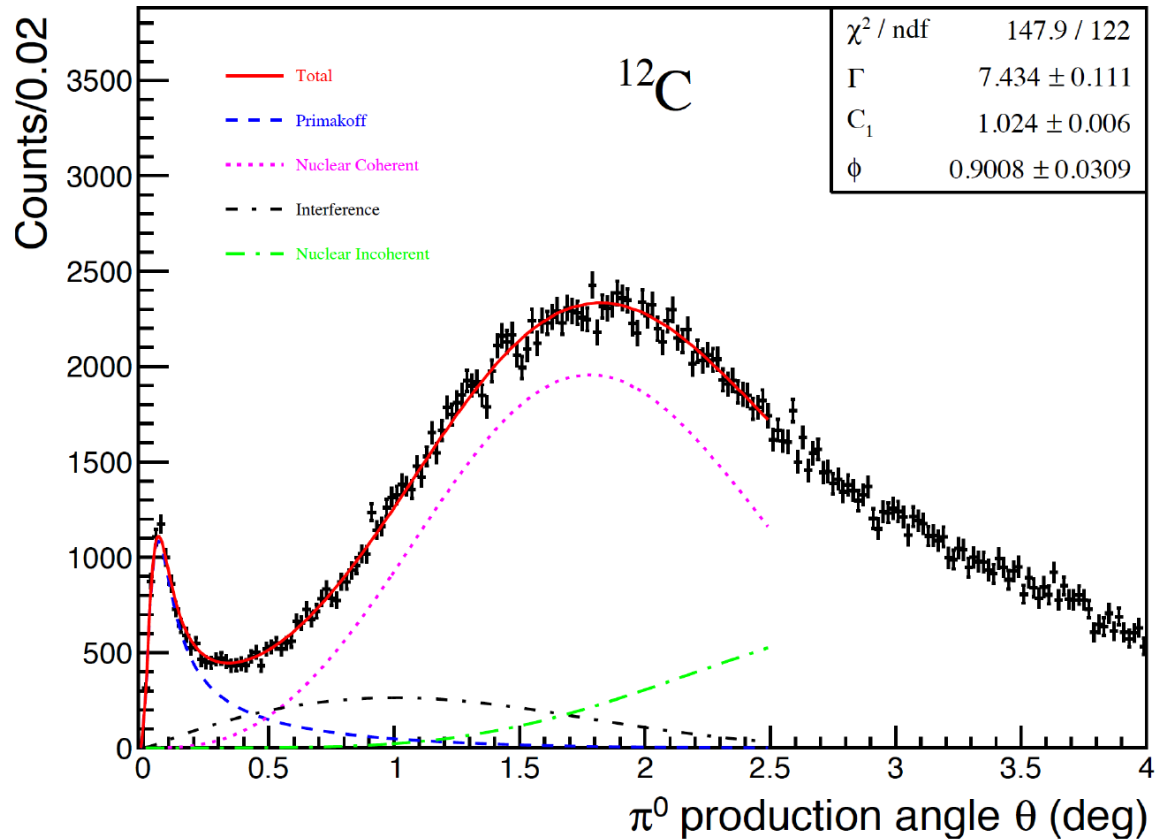
[0, 4.0] deg, r:-1%,  $\chi^2/\text{NDF} = 1.329$

$\pi^0$  yield (C12, crystal w/ tran.)



[0, 2.5] deg, r:0%,  $\chi^2/\text{NDF} = 1.21$ , c2 fixed = 0.735

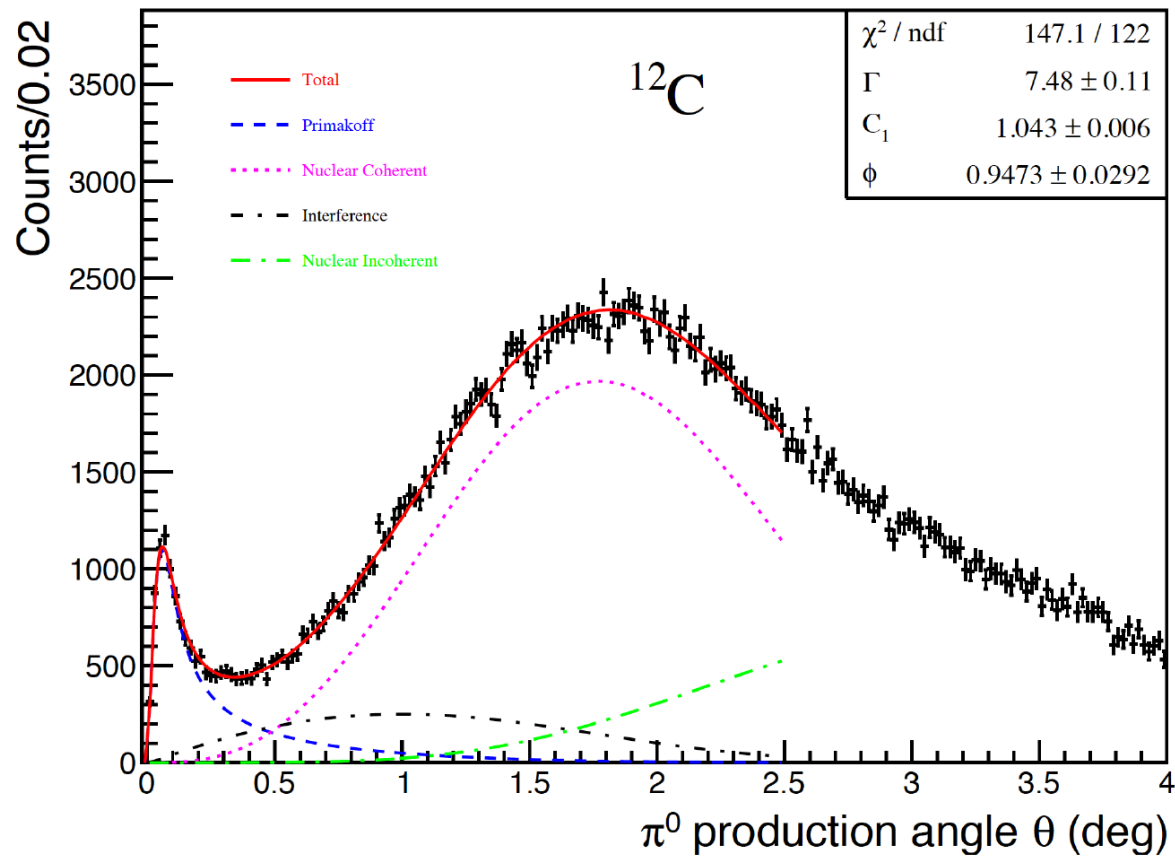
$\pi^0$  yield (C12, crystal w/ tran.)





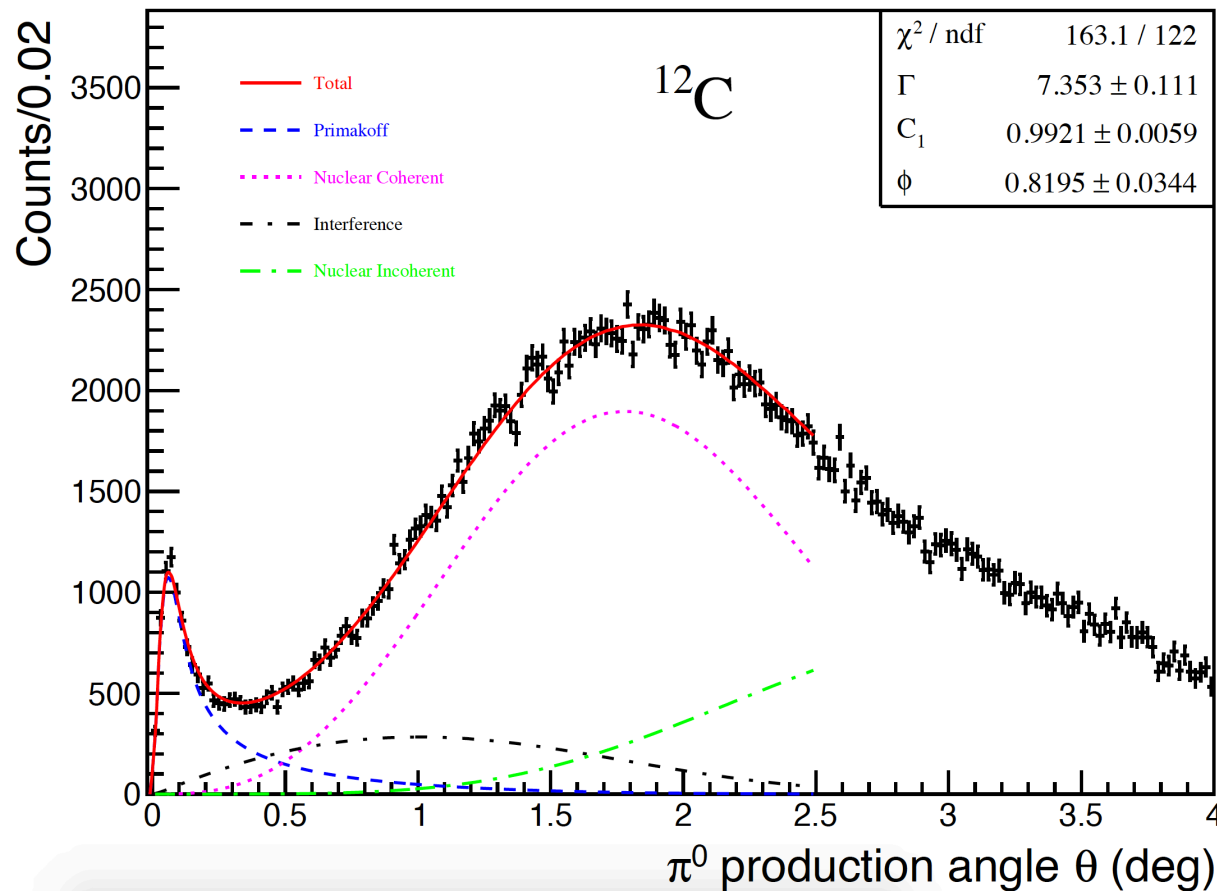
[0, 2.5] deg, r:1%,  $\chi^2/\text{NDF} = 1.21$ , c2 fixed = 0.735

$\pi^0$  yield (C12, crystal w/ tran.)



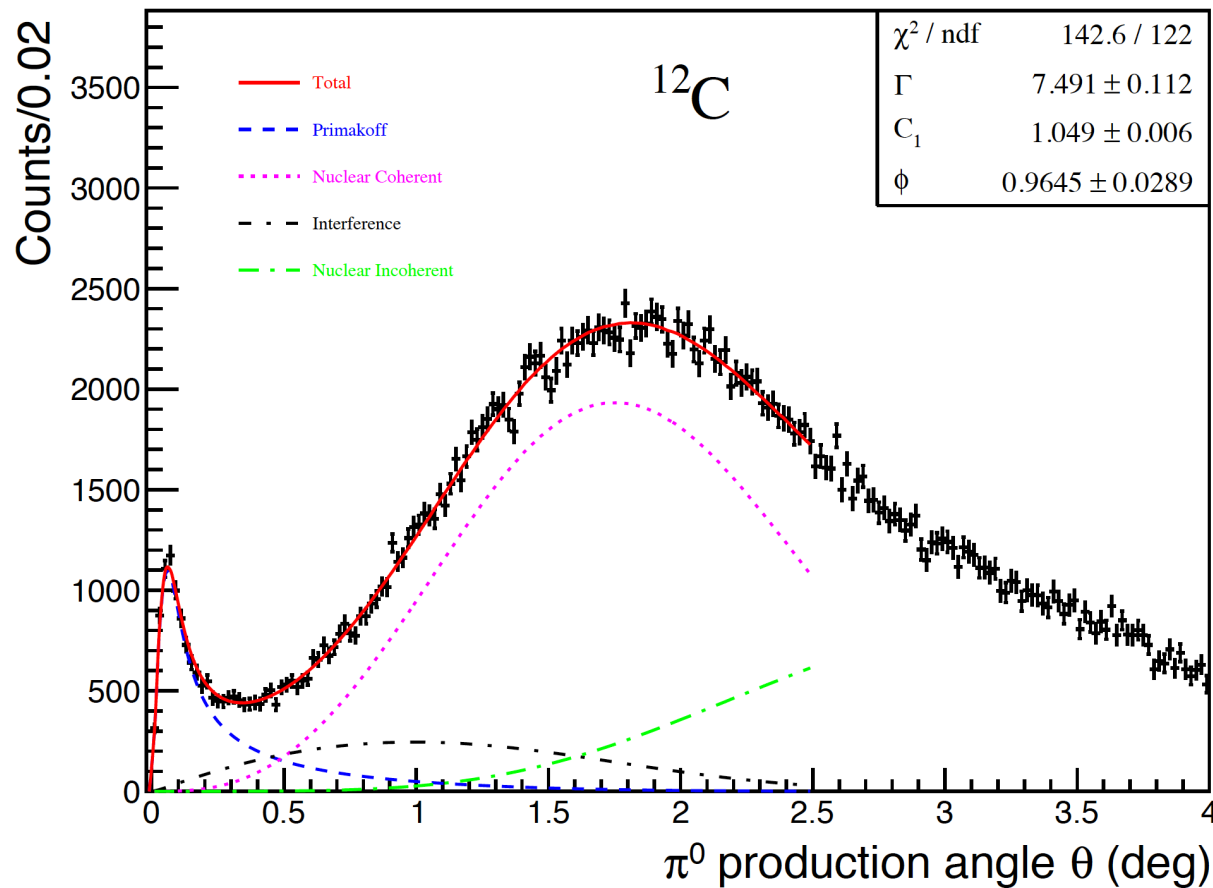
[0, 2.5] deg, r:0%,  $\chi^2/\text{NDF} = 1.34$ , c2 fixed = 0.8585

$\pi^0$  yield (C12, crystal w/ tran.)



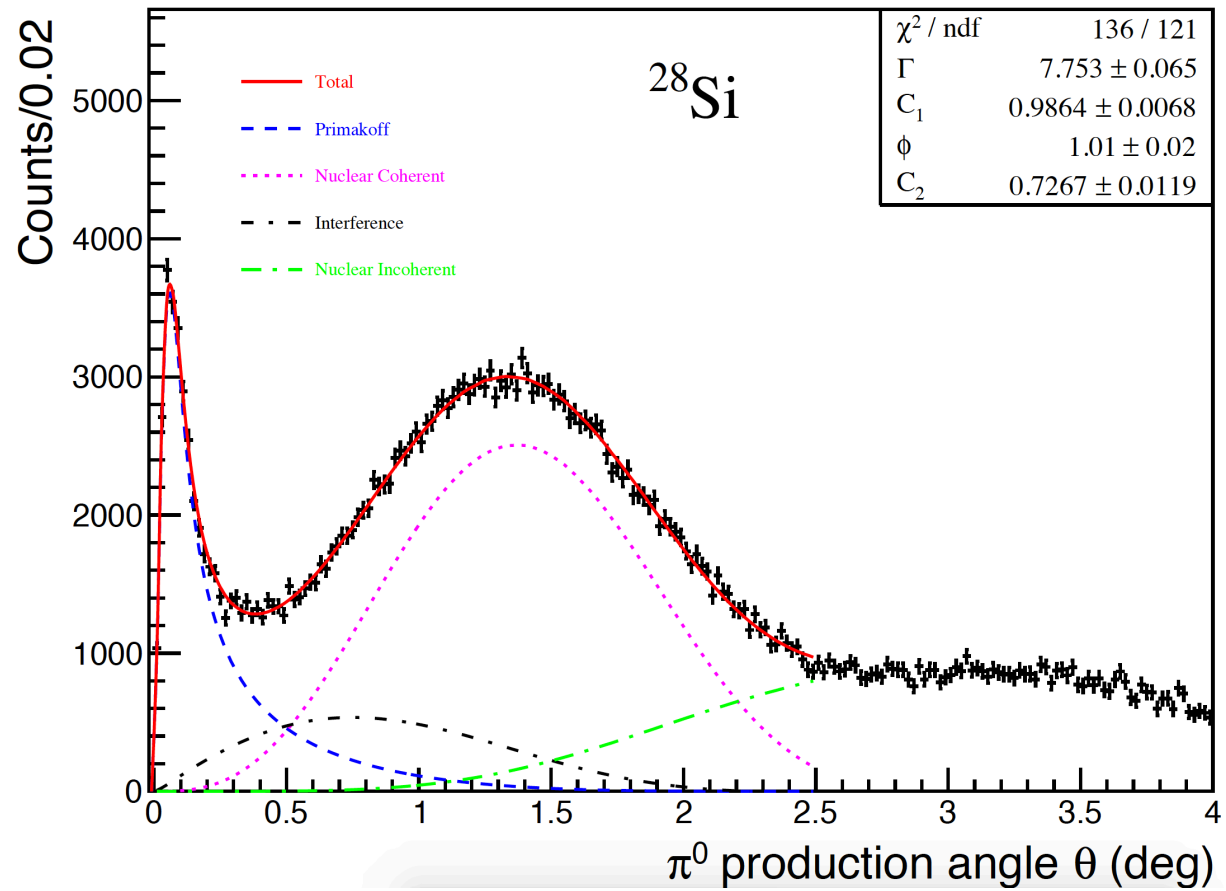
[0, 2.5] deg, r:1%, best  $\chi^2/\text{NDF} = 1.17$ ,  $c_2$   
fixed = 0.8585

$\pi^0$  yield (C12, crystal w/ tran.)



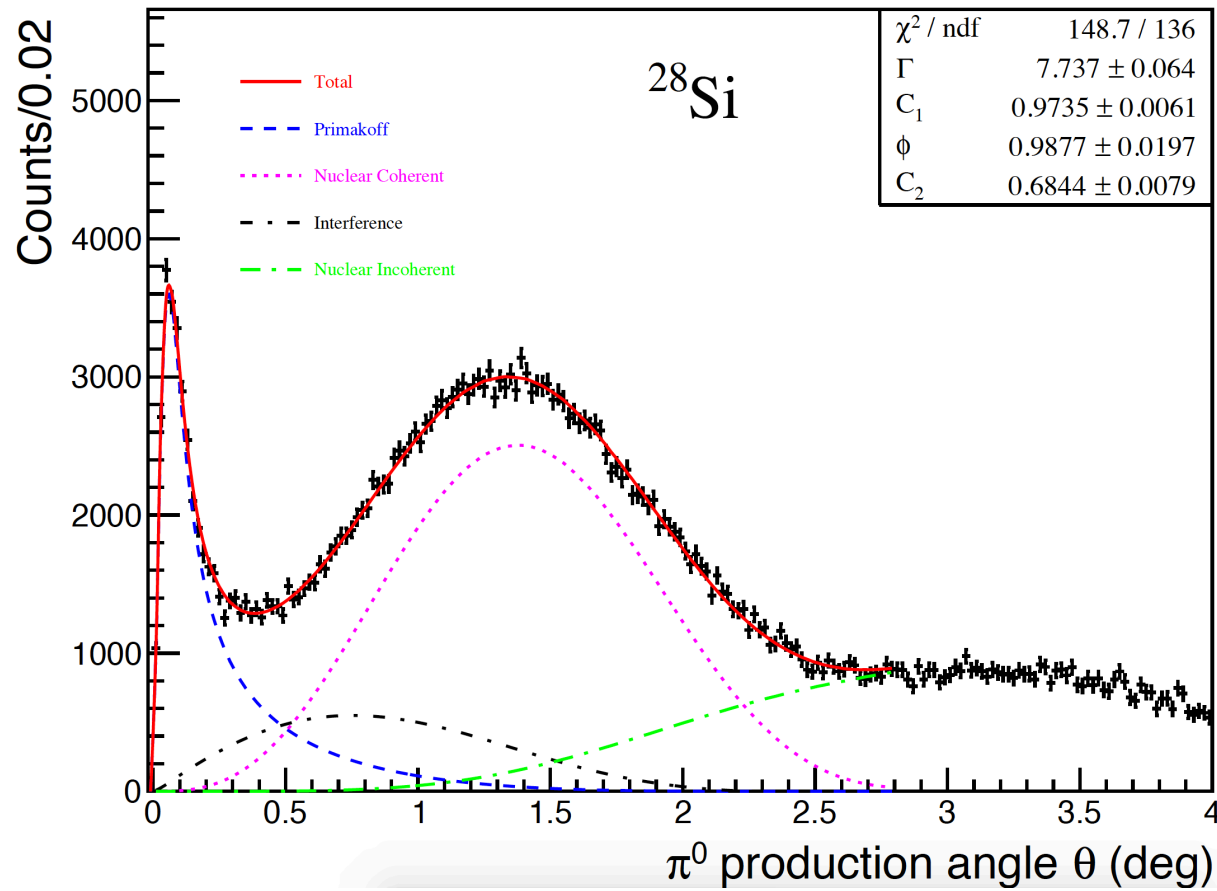
[0, 2.5] deg, r:5%,  $\chi^2/\text{NDF} = 1.124$

$\pi^0$  yield



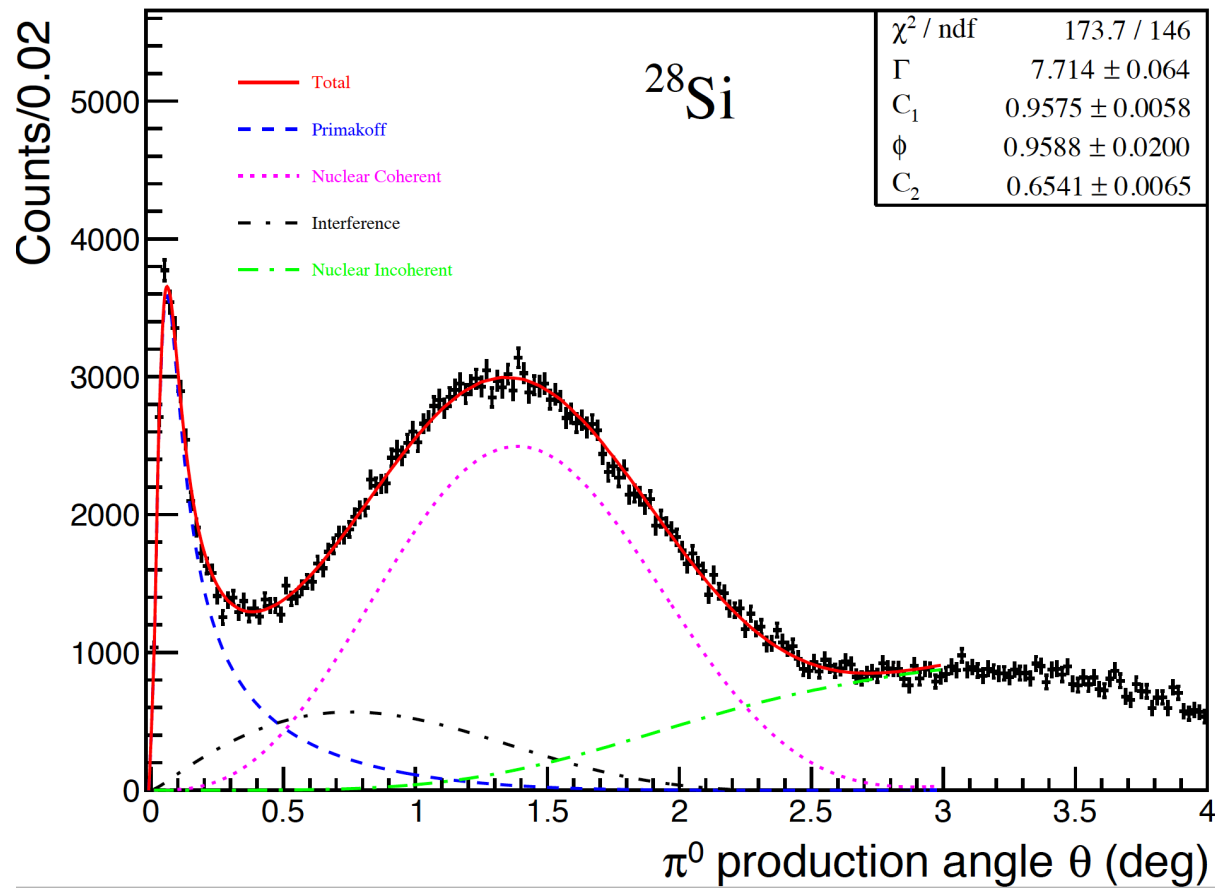
[0, 2.8] deg, r:4%,  $\chi^2/\text{NDF} = 1.093$

$\pi^0$  yield



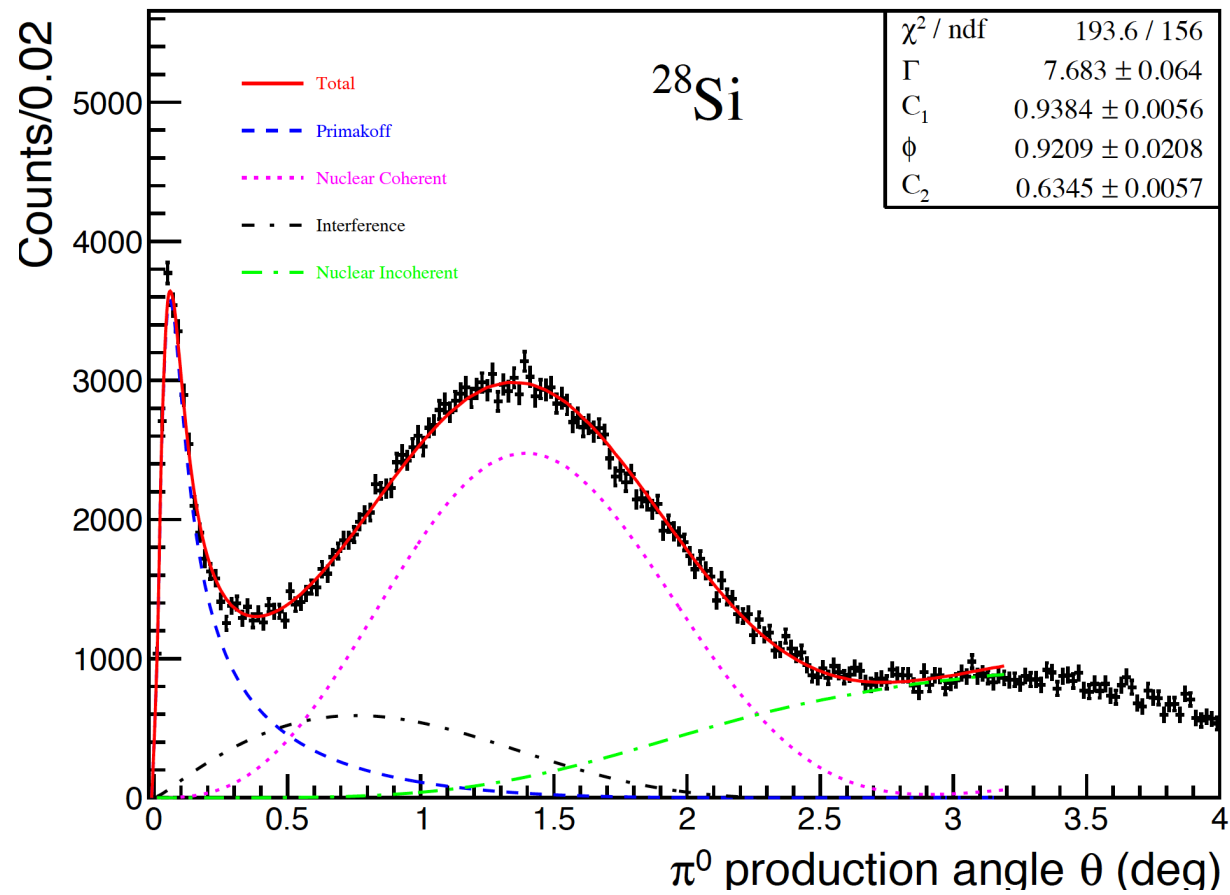
[0, 3.0] deg, r:3%,  $\chi^2/\text{NDF} = 1.190$

$\pi^0$  yield

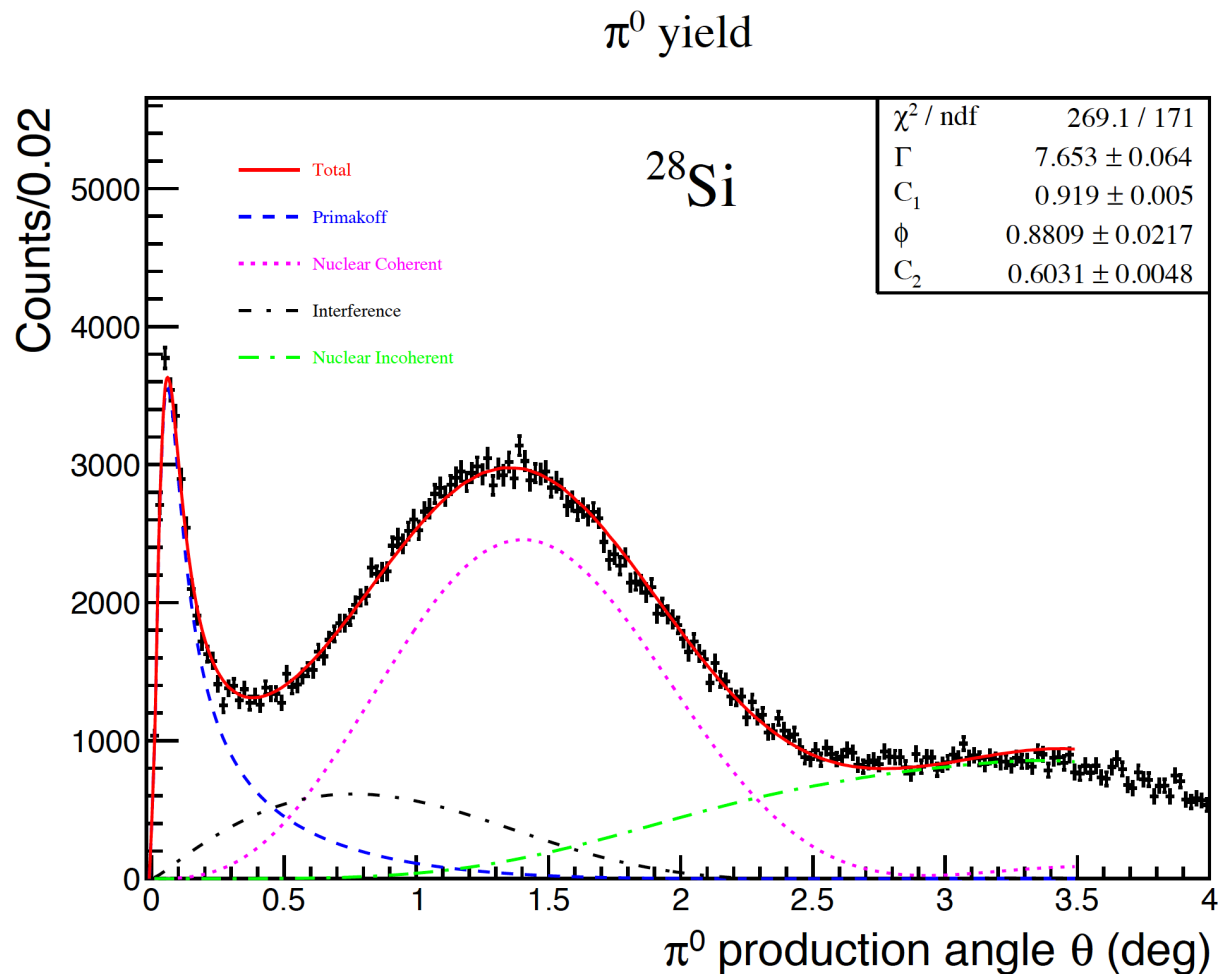


[0, 3.2] deg, r:2%,  $\chi^2/\text{NDF} = 1.241$

$\pi^0$  yield



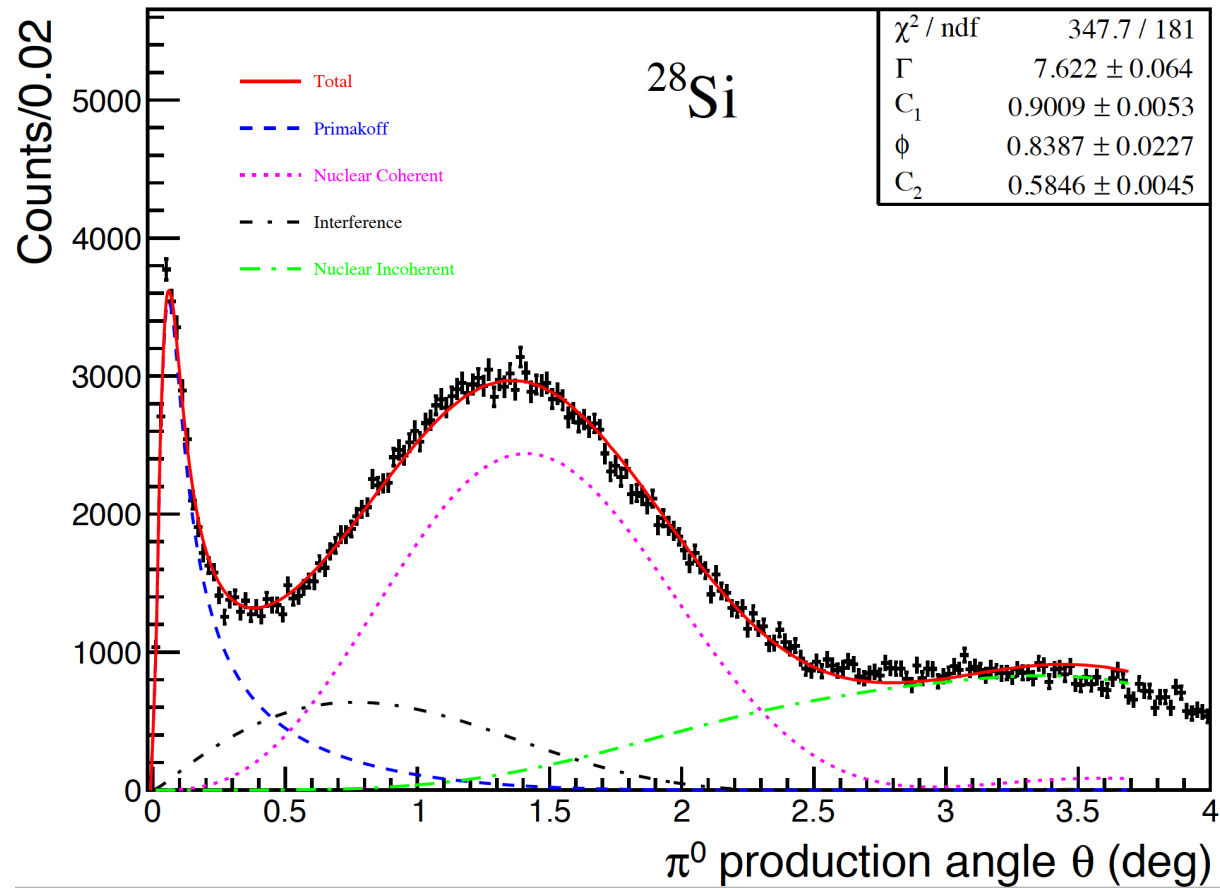
[0, 3.5] deg, r:1%,  $\chi^2/\text{NDF} = 1.574$





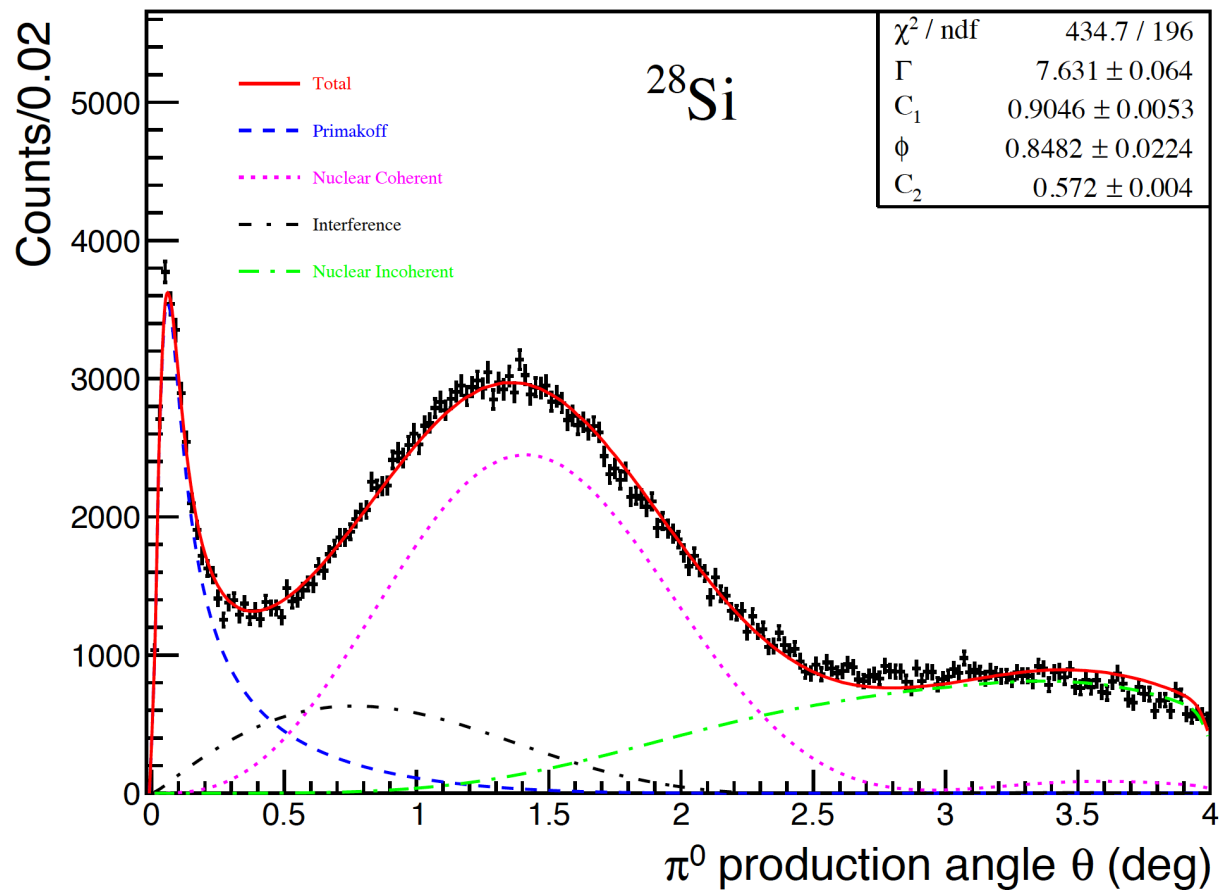
[0, 3.7] deg, r:0%,  $\chi^2/\text{NDF} = 1.921$

$\pi^0$  yield

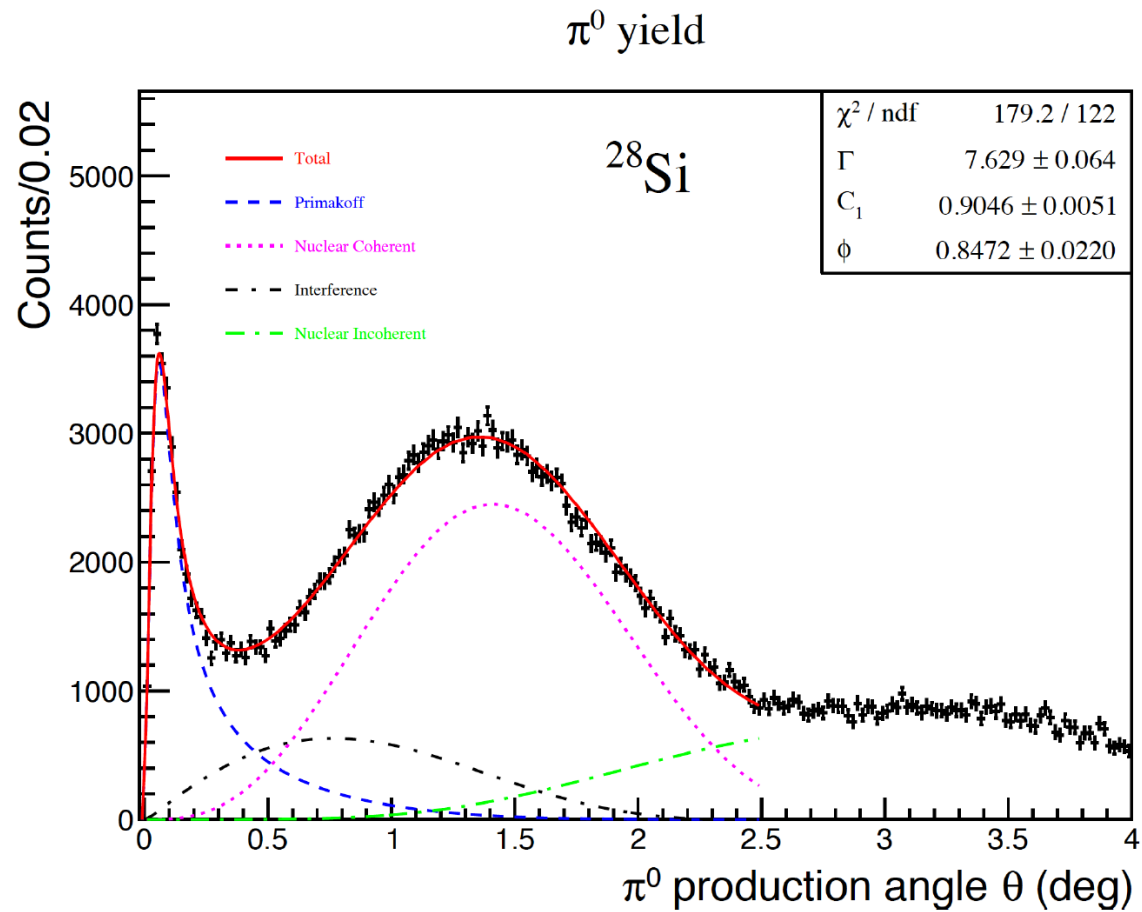


[0, 4.0] deg, r:0%,  $\chi^2/\text{NDF} = 2.218$

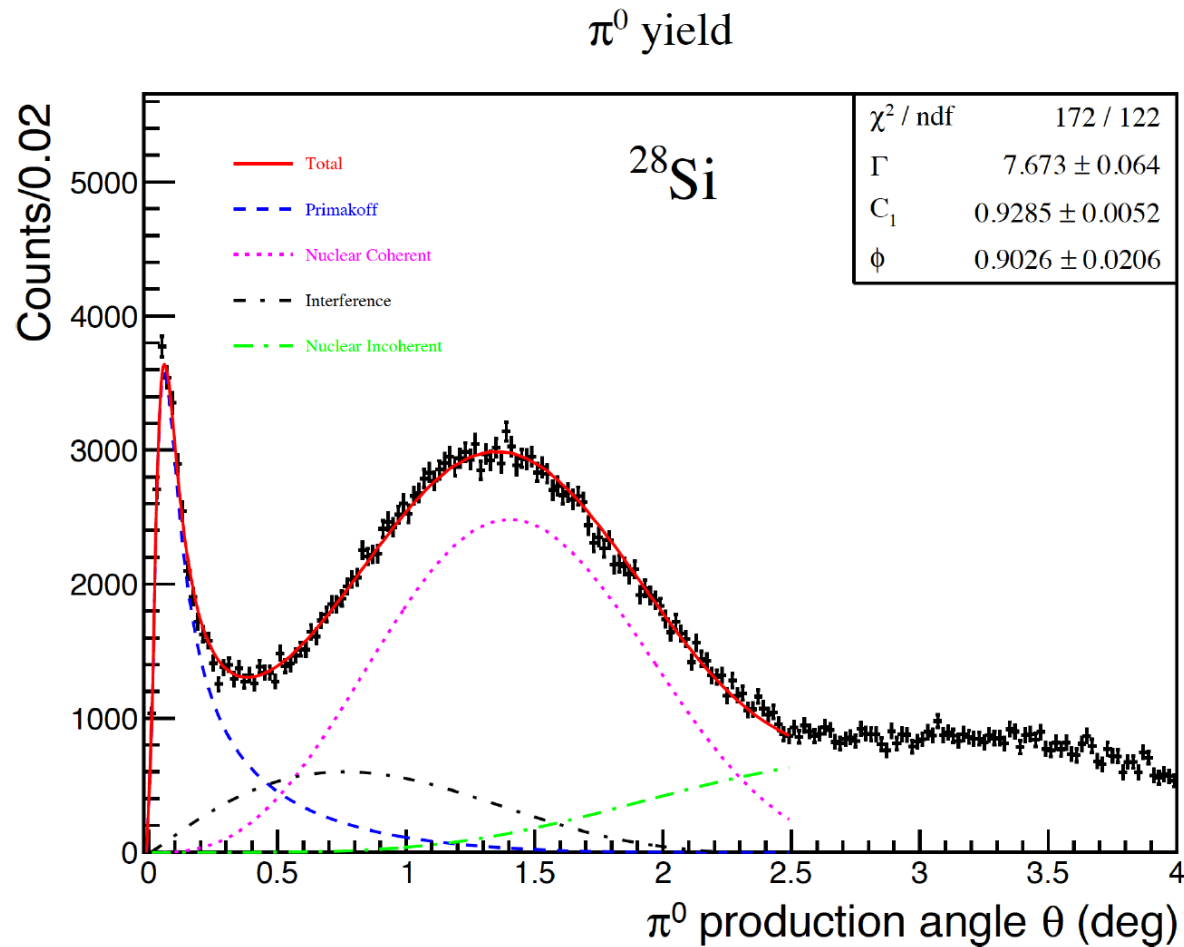
$\pi^0$  yield



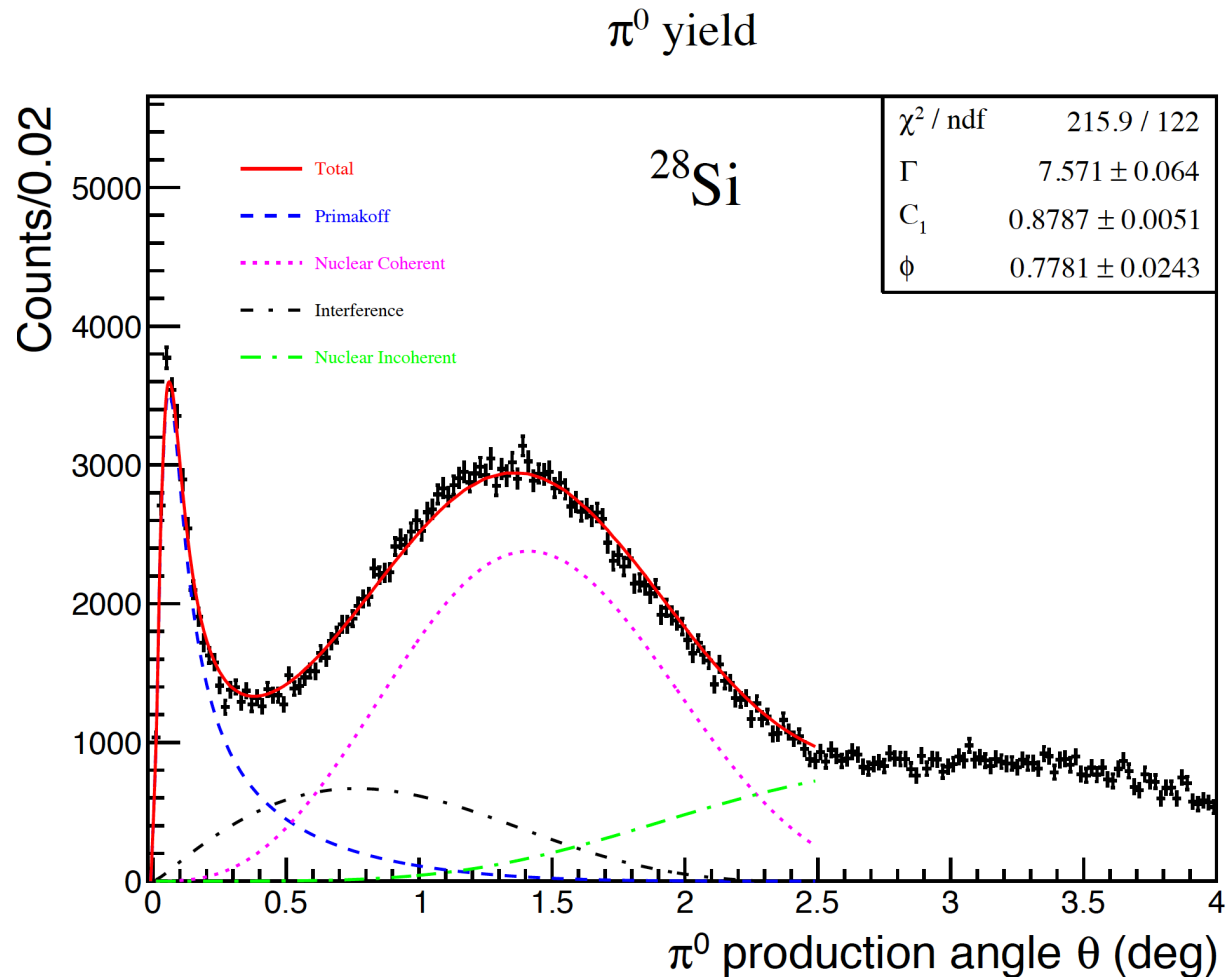
[0, 2.5] deg, r:0%,  $\chi^2/\text{NDF} = 1.47$ , c2 fixed = 0.572



[0, 2.5] deg, r:1%,  $\chi^2/\text{NDF} = 1.41$ , c2 fixed = 0.572



[0, 2.5] deg, r:0%,  $\chi^2/\text{NDF} = 1.77$ , c2 fixed = 0.6541



[0, 2.5] deg, r:1%, best  $\chi^2/\text{NDF} = 1.18$ , c2  
fixed = 0.6541

