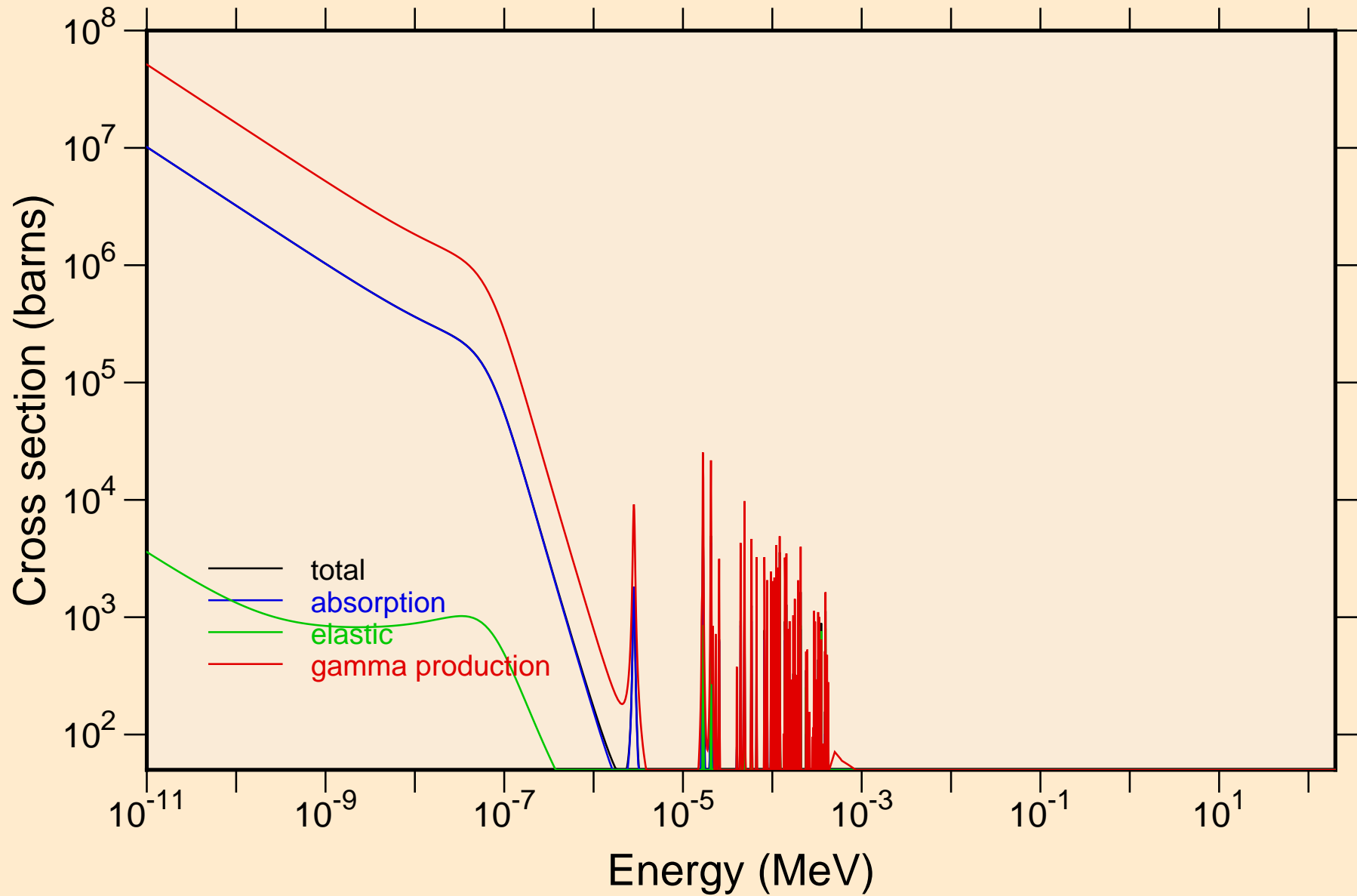
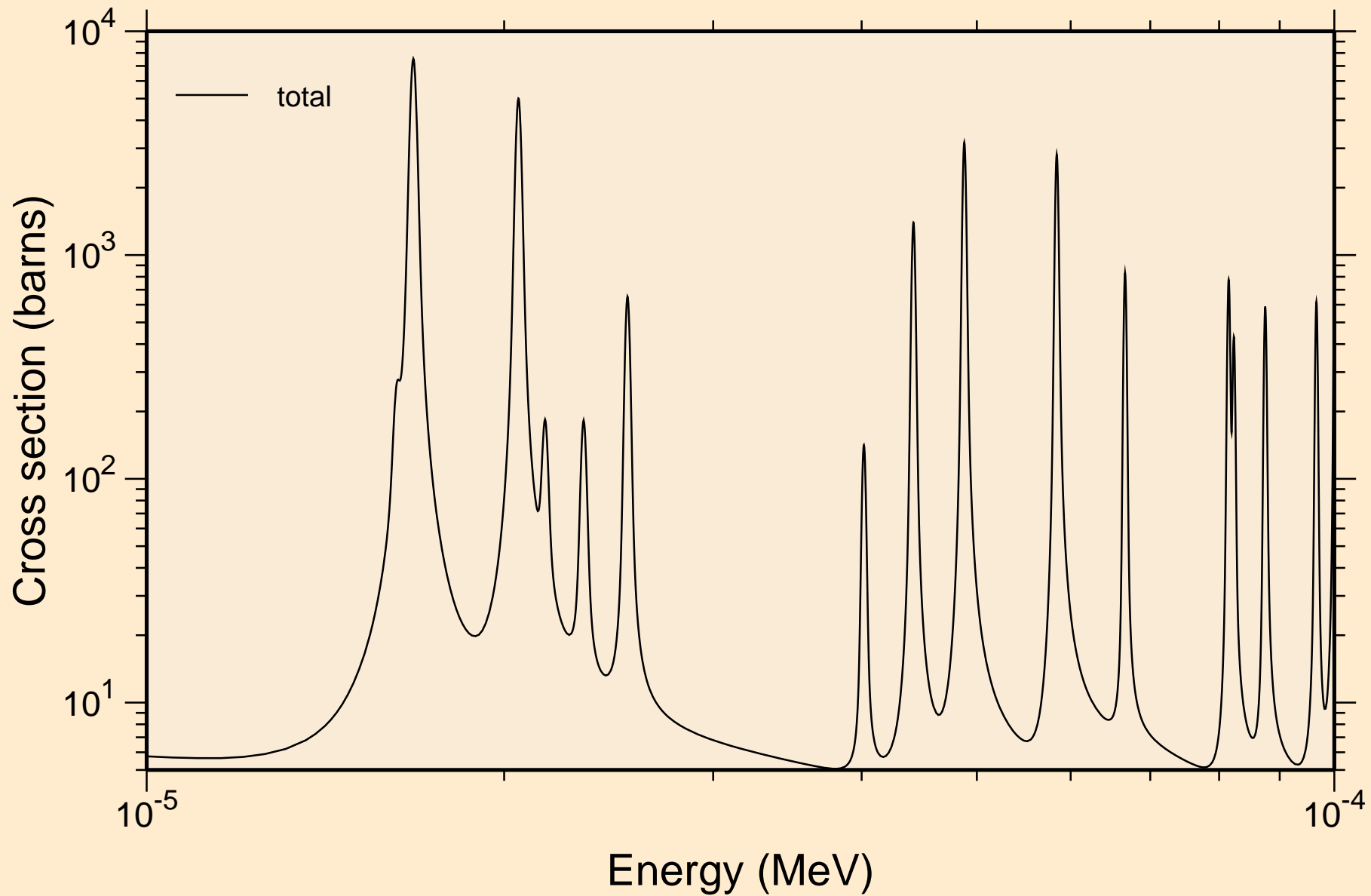


# GD157 NRG TENDL-2015, AKONING

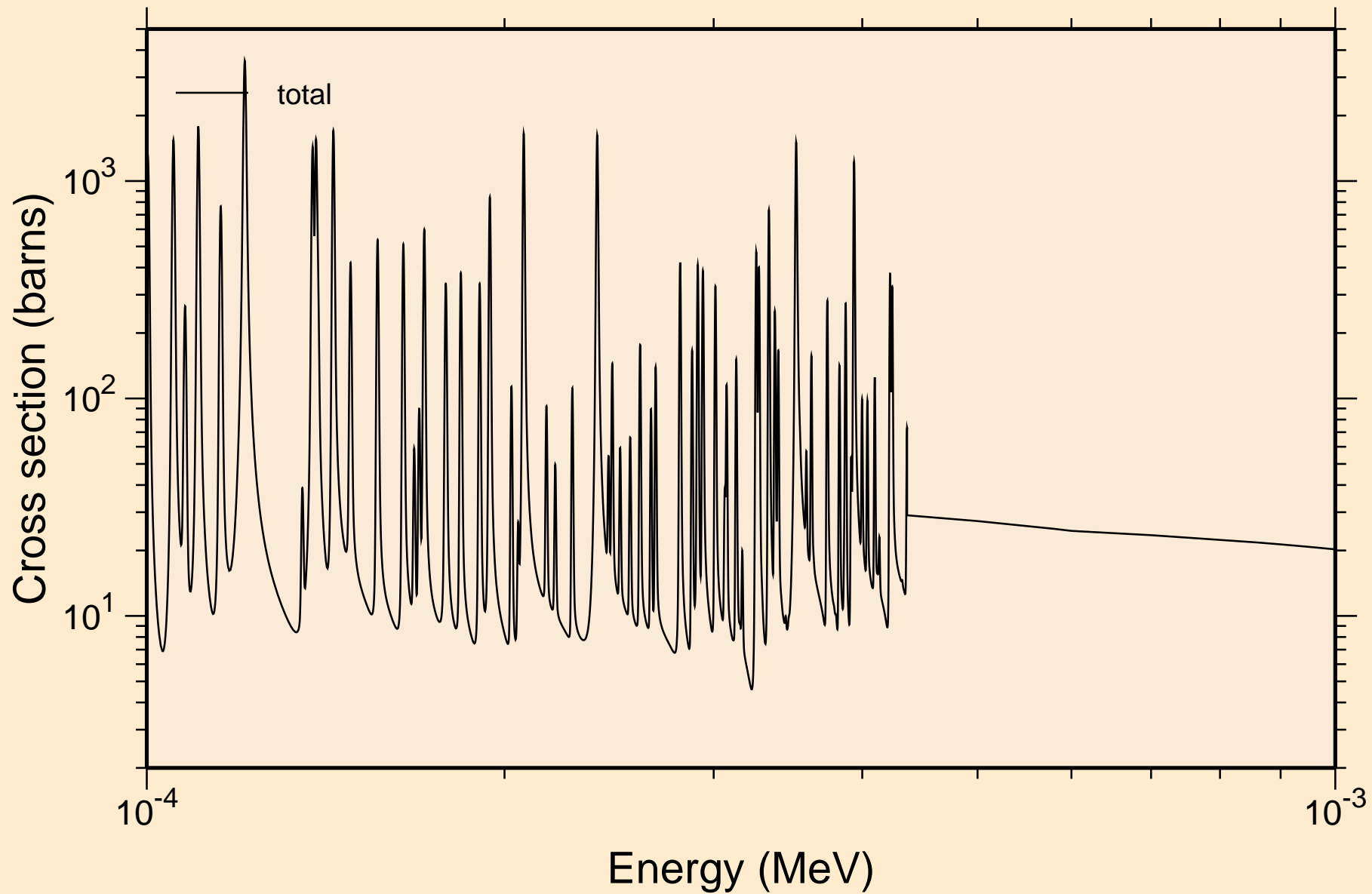
## Principal cross sections



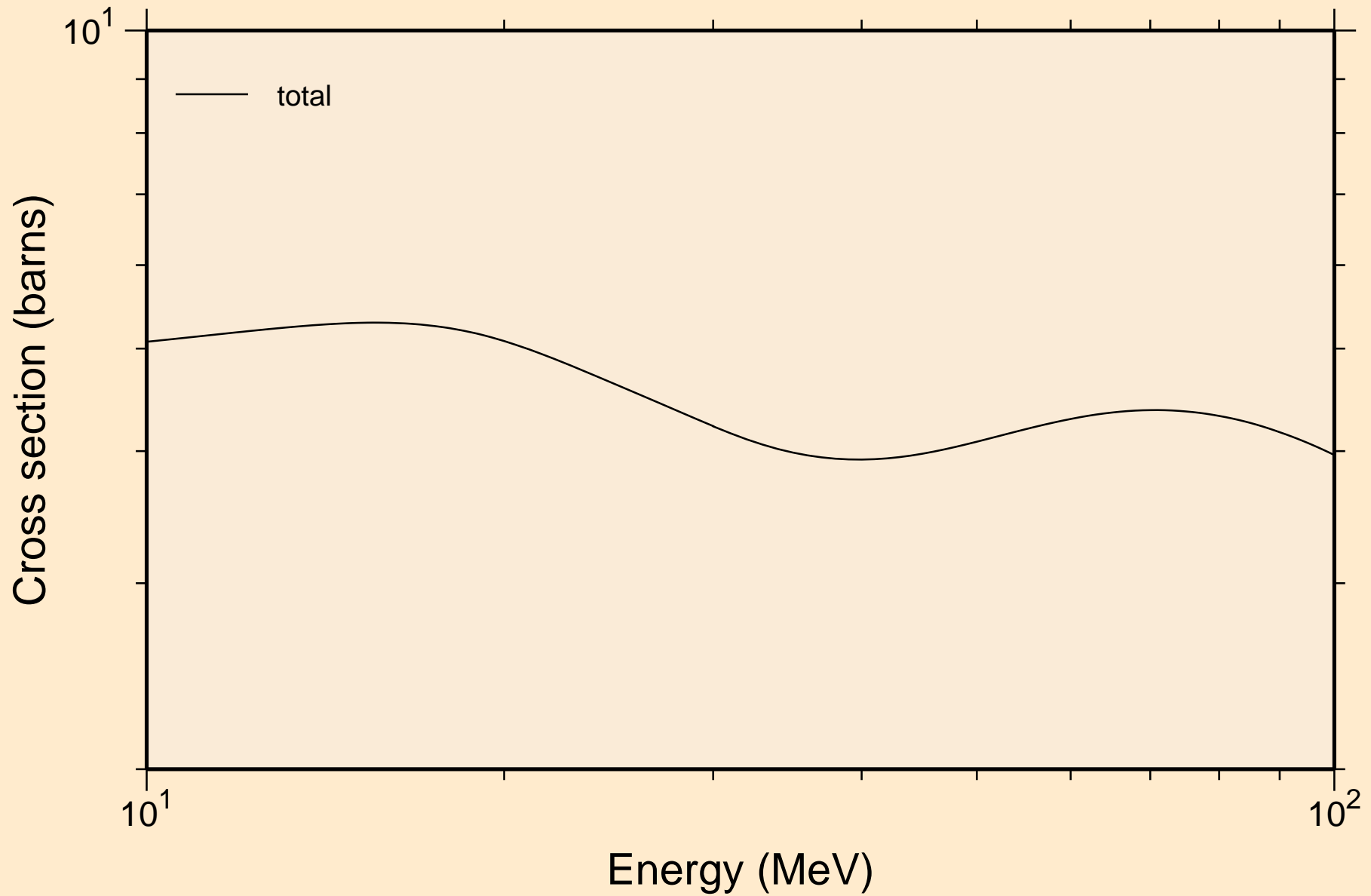
GD157 NRG TENDL-2015, AKONING  
resonance total cross section



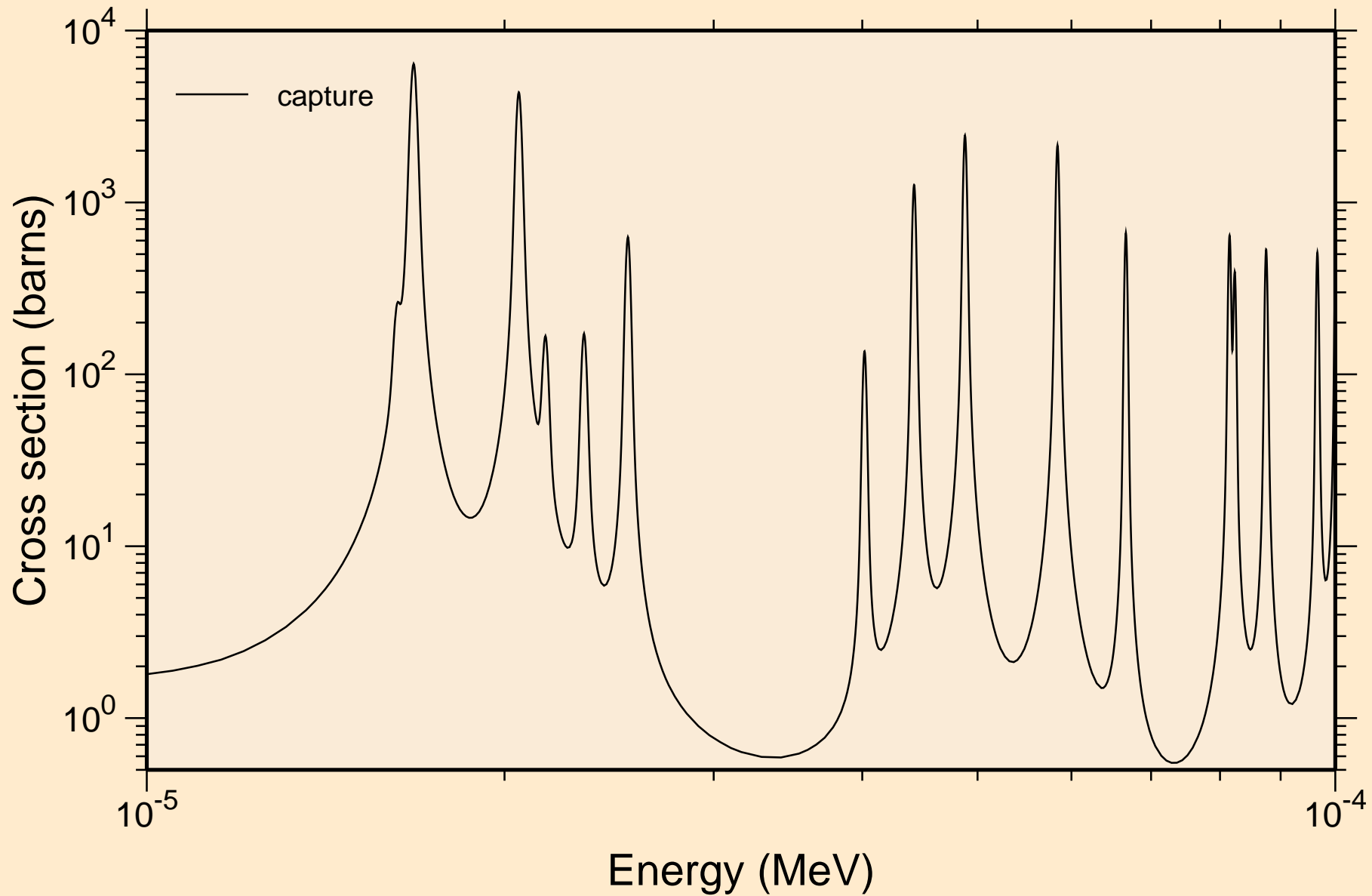
GD157 NRG TENDL-2015, AKONING  
resonance total cross section



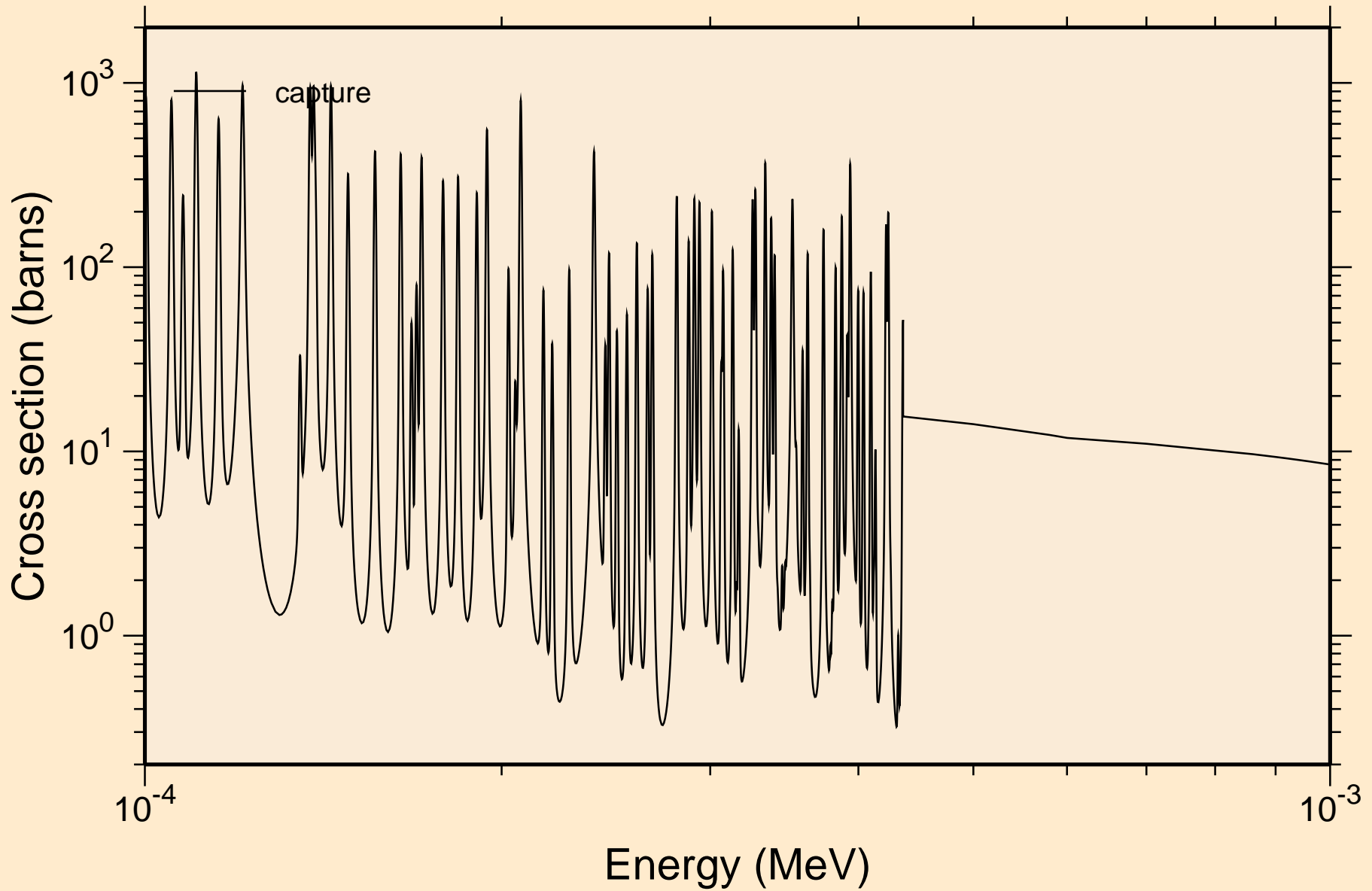
GD157 NRG TENDL-2015, AKONING  
resonance total cross section



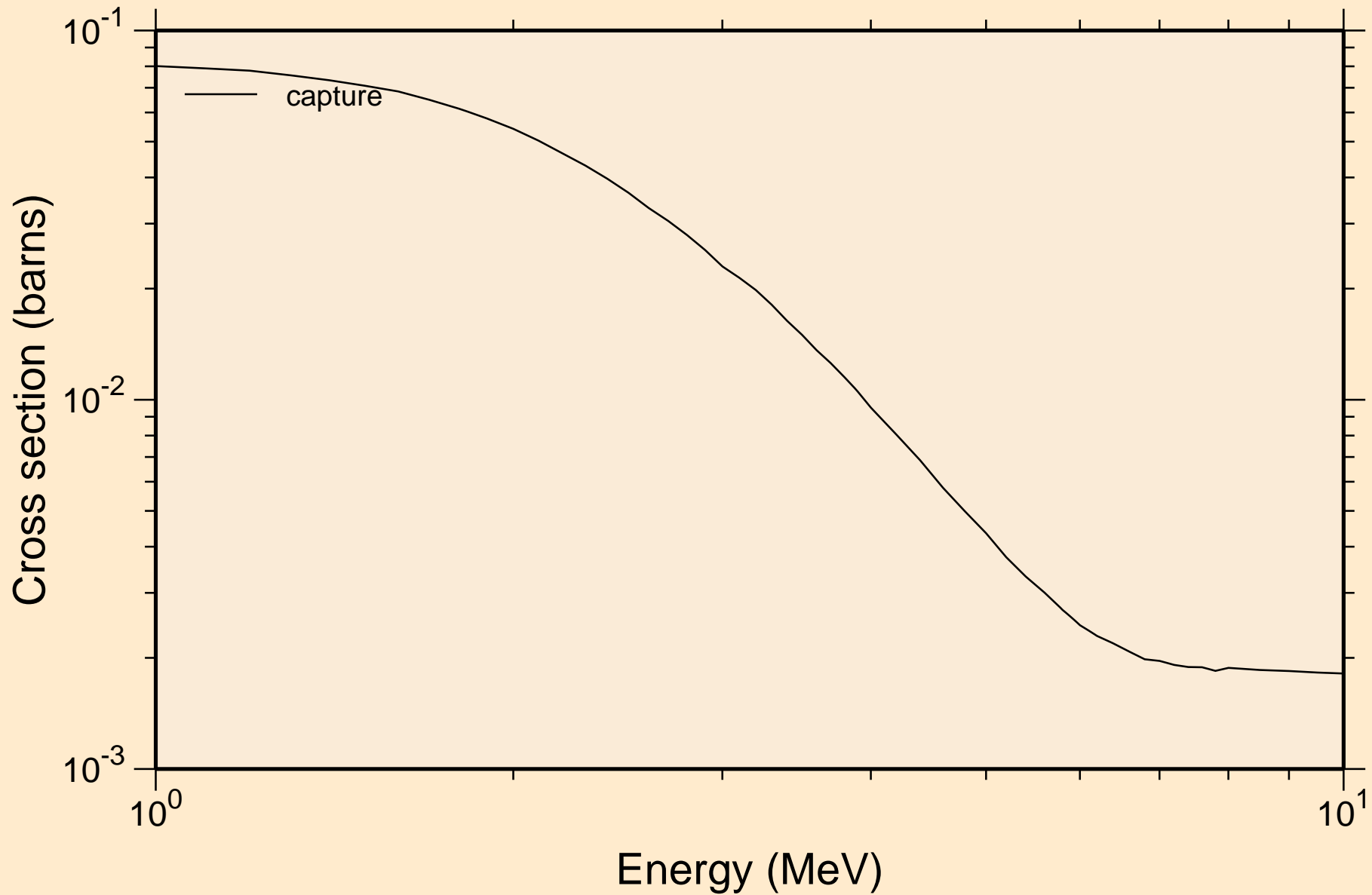
# GD157 NRG TENDL-2015, AKONING resonance absorption cross sections



GD157 NRG TENDL-2015, AKONING  
resonance absorption cross sections

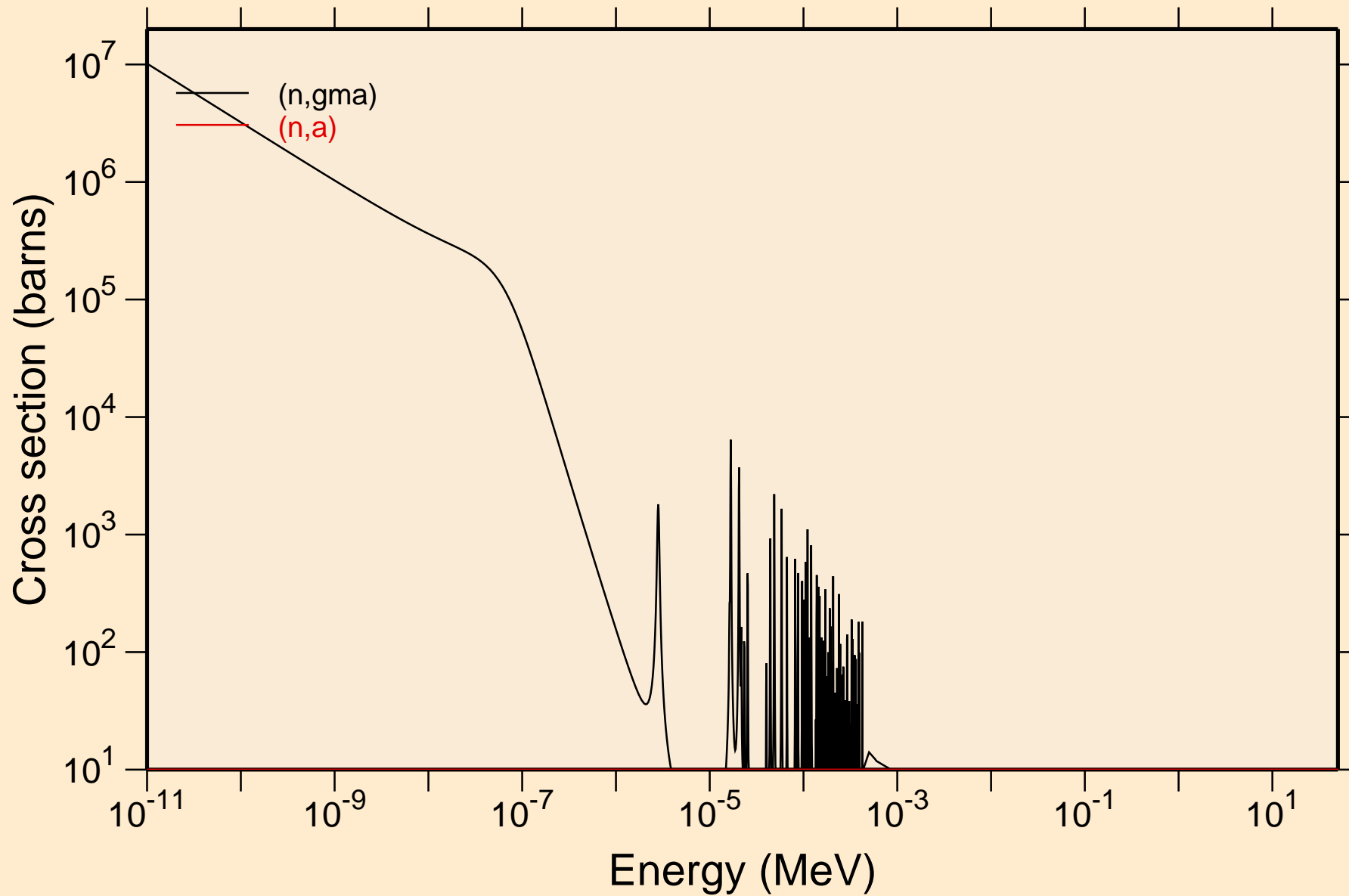


GD157 NRG TENDL-2015, AKONING  
resonance absorption cross sections



# GD157 NRG TENDL-2015, AKONING

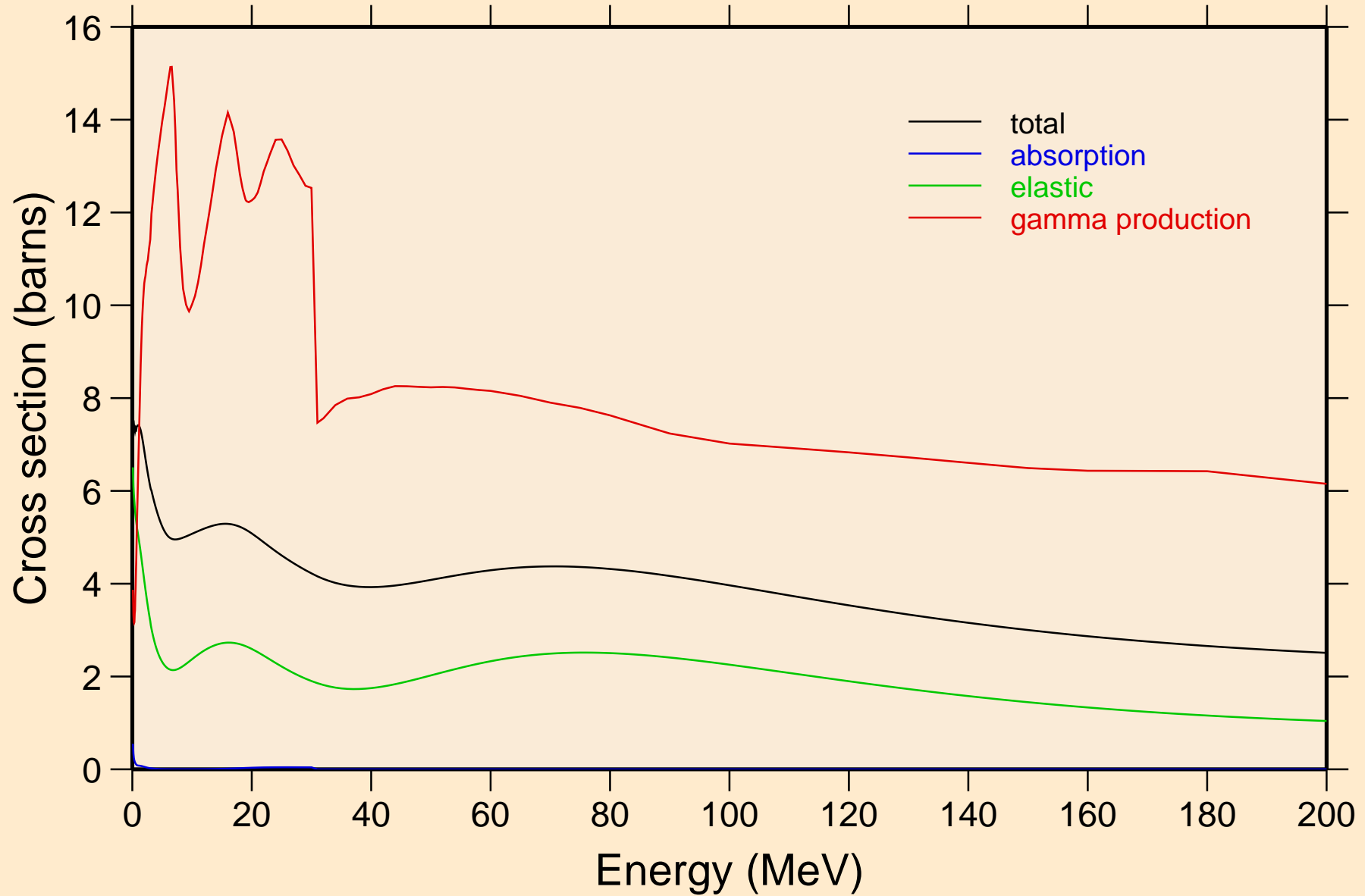
## Non-threshold reactions





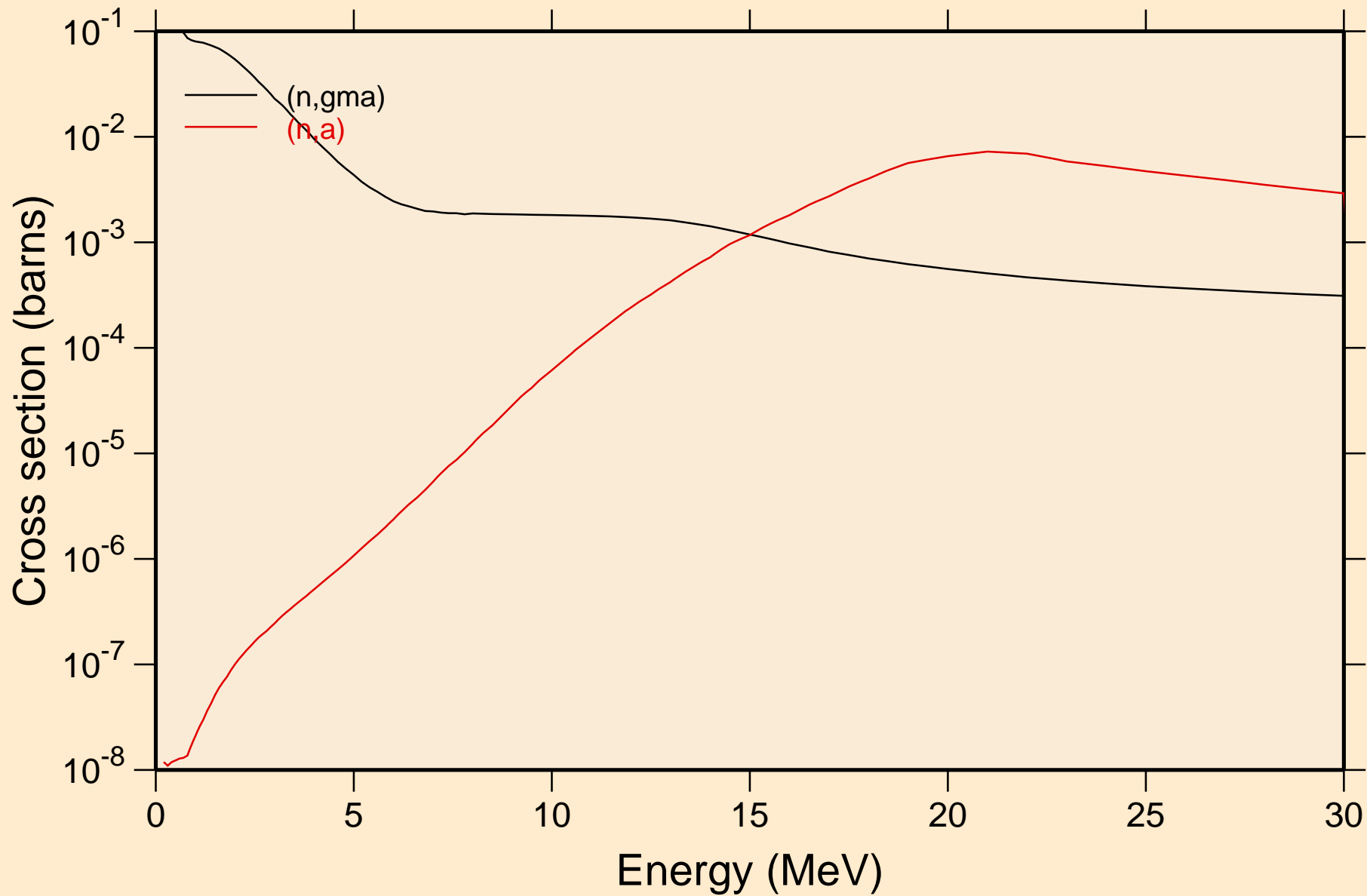
# GD157 NRG TENDL-2015, AKONING

## Principal cross sections



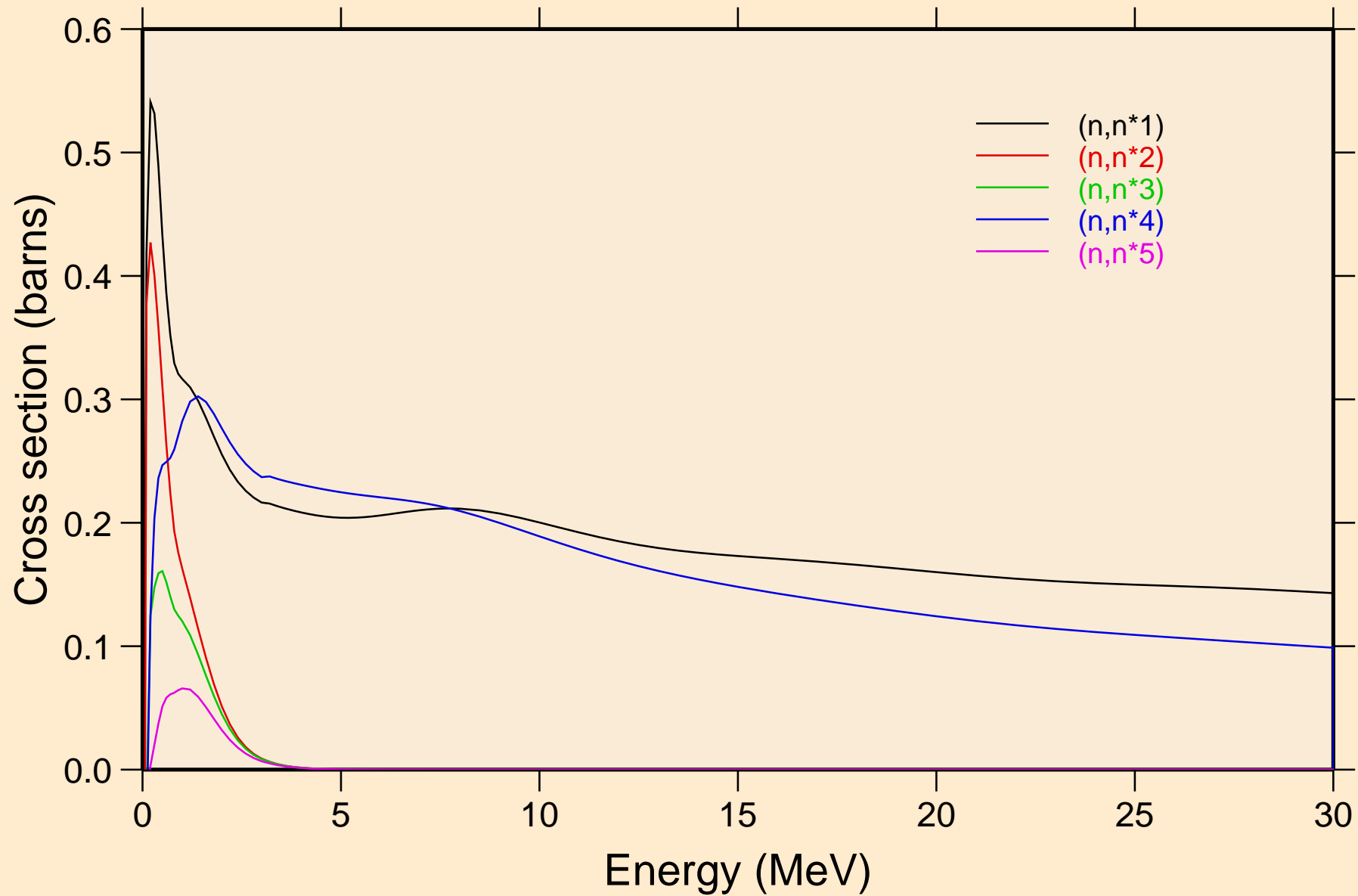
# GD157 NRG TENDL-2015, AKONING

## Non-threshold reactions



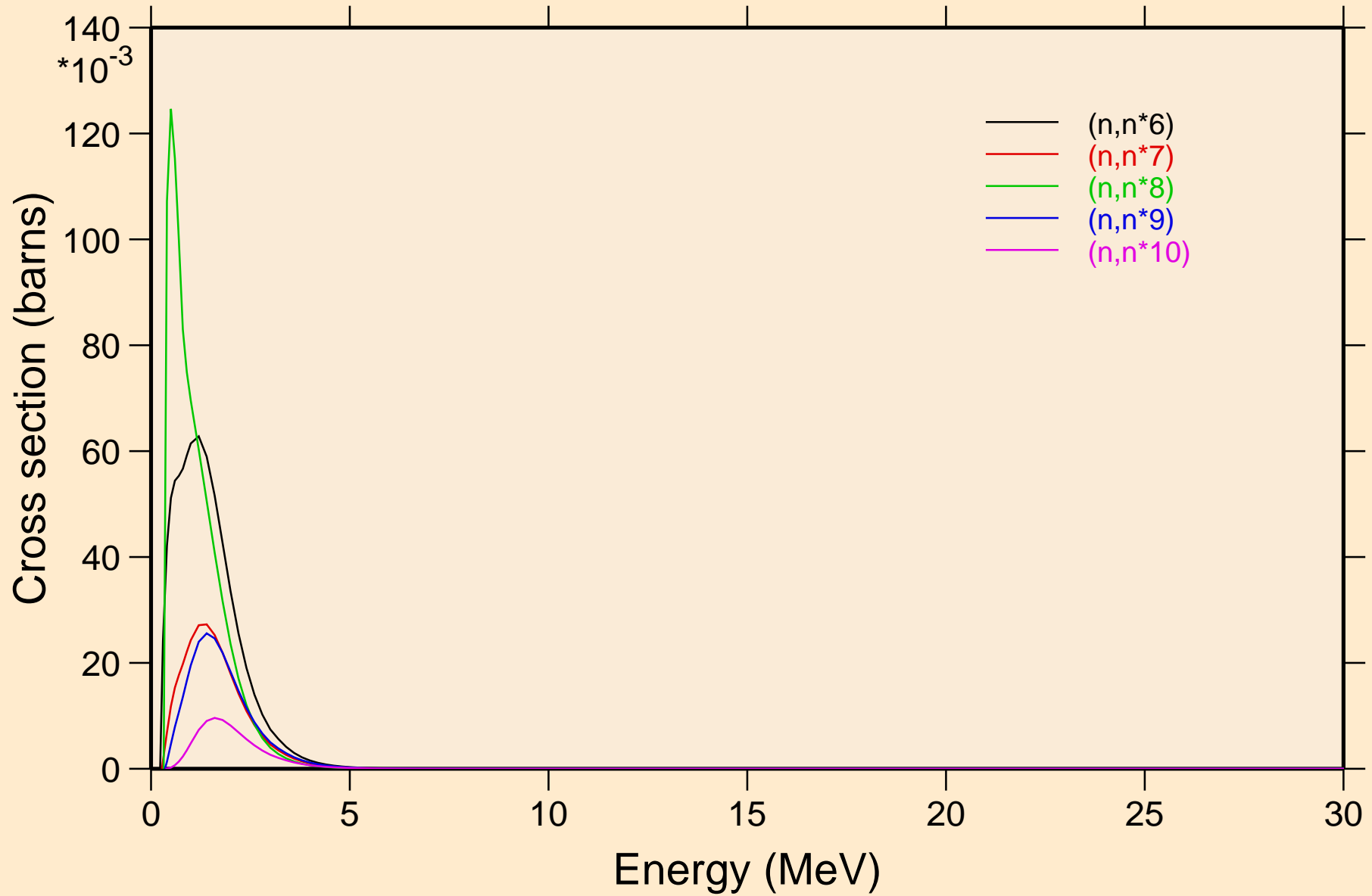
# GD157 NRG TENDL-2015, AKONING

## Inelastic levels



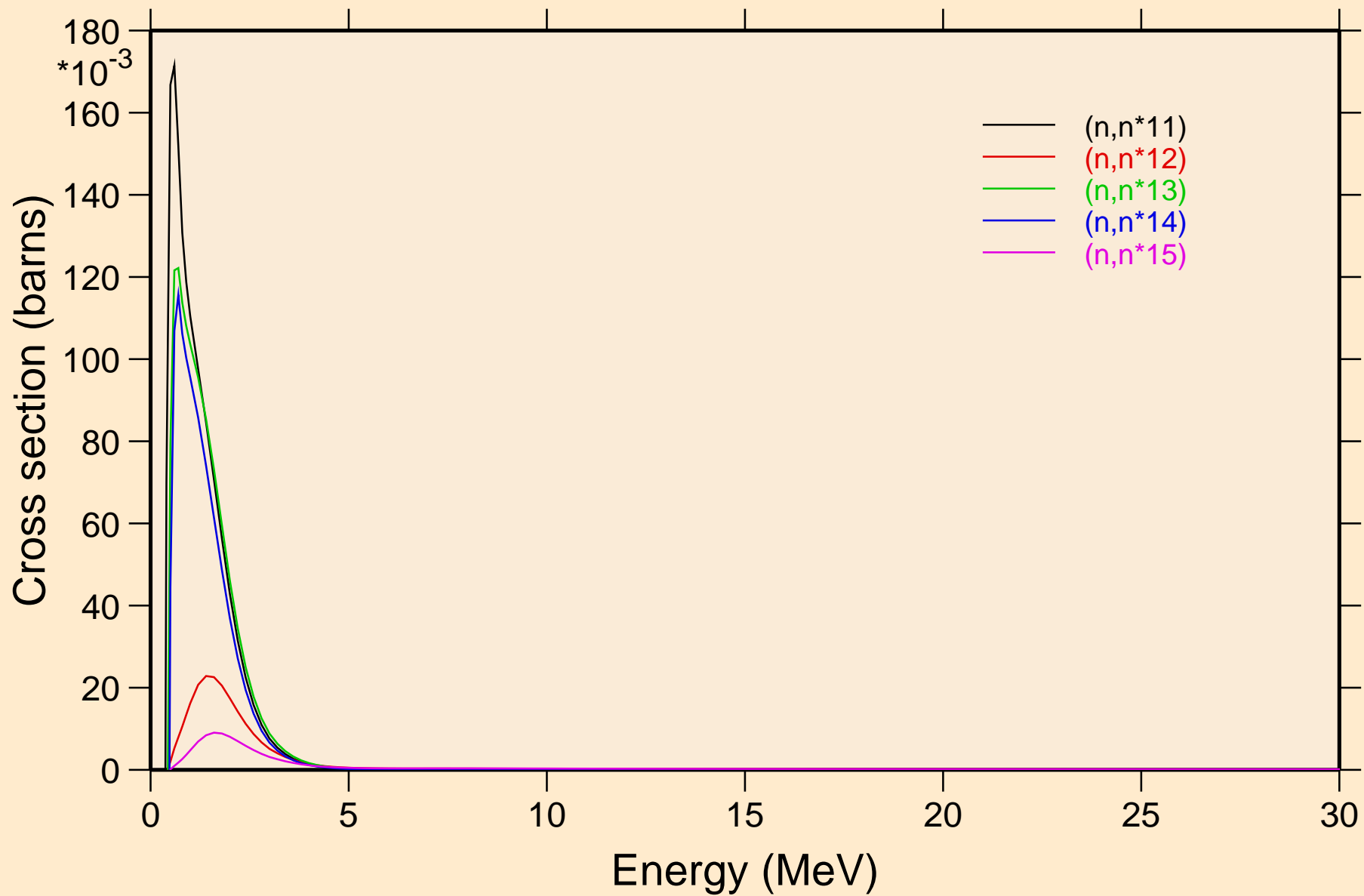
# GD157 NRG TENDL-2015, AKONING

## Inelastic levels



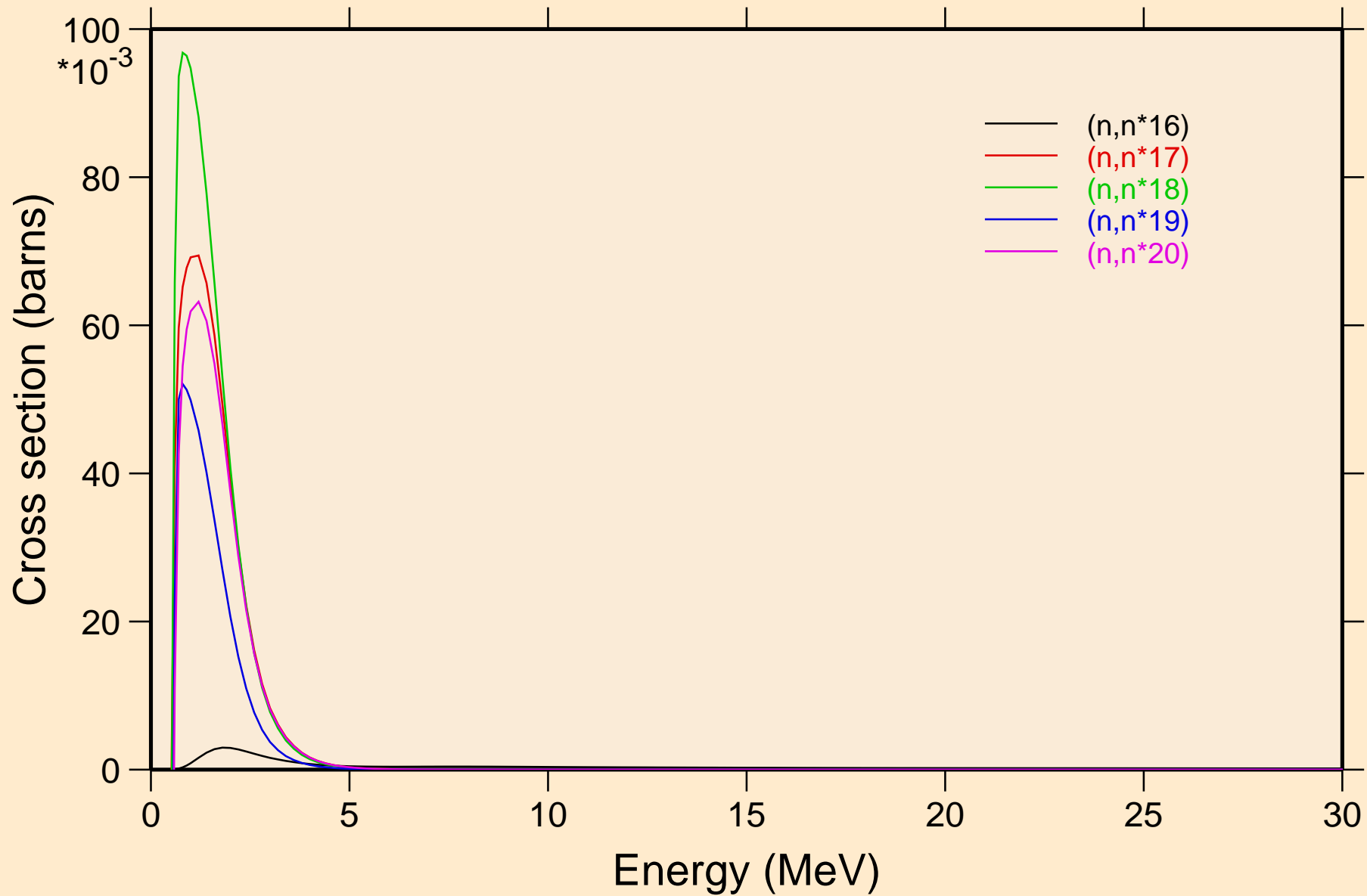
# GD157 NRG TENDL-2015, AKONING

## Inelastic levels



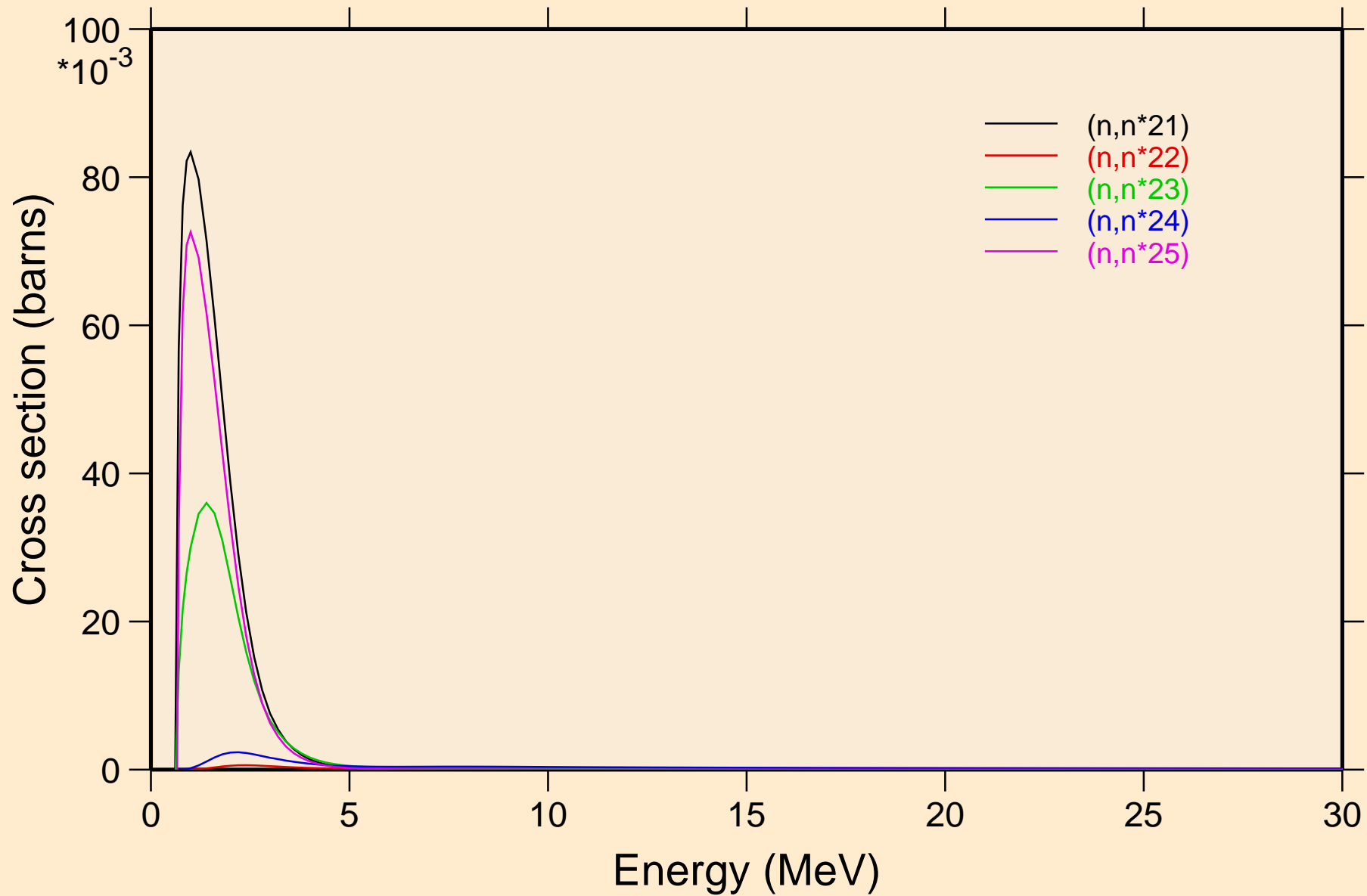
# GD157 NRG TENDL-2015, AKONING

## Inelastic levels



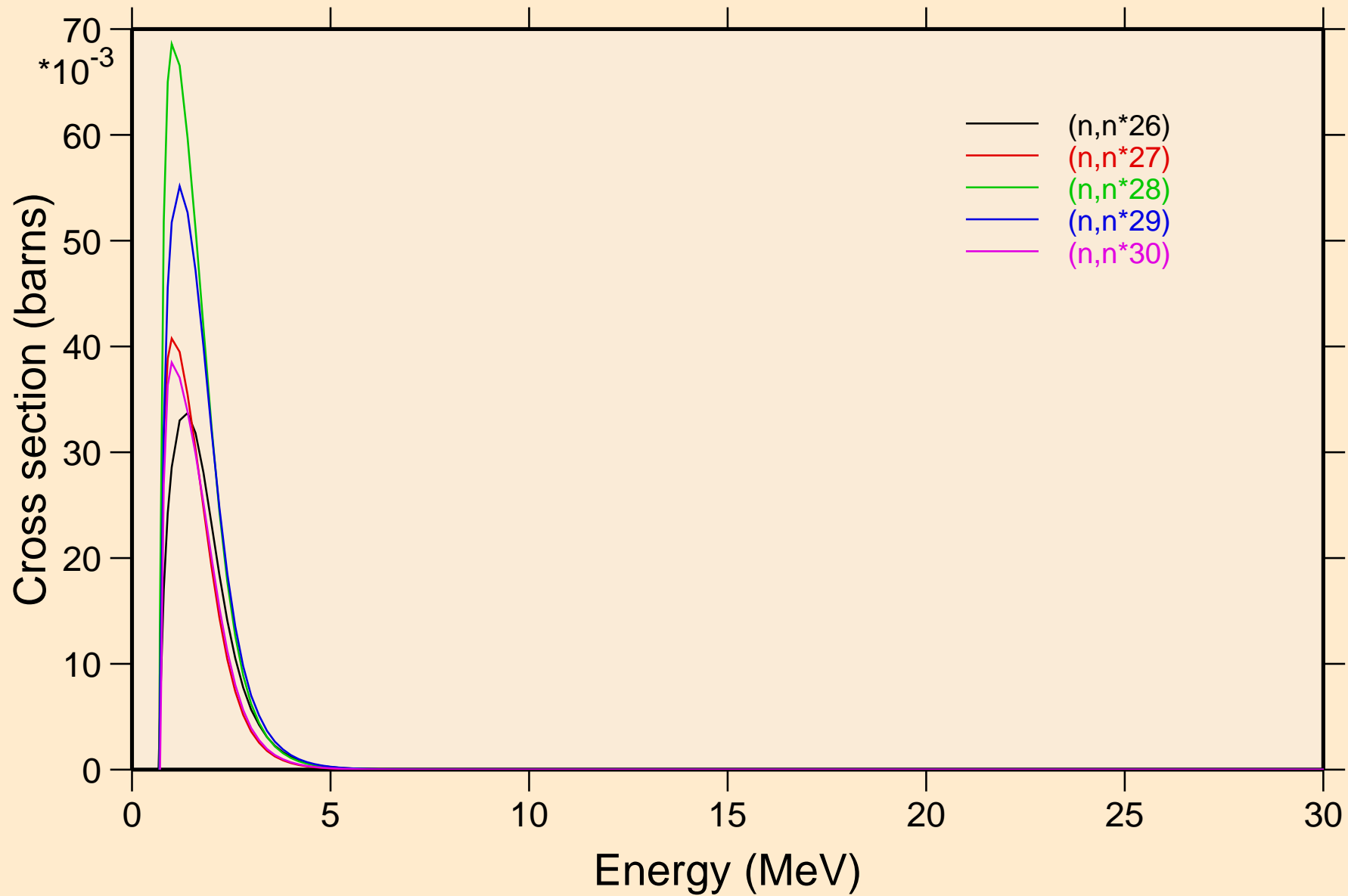
# GD157 NRG TENDL-2015, AKONING

## Inelastic levels



# GD157 NRG TENDL-2015, AKONING

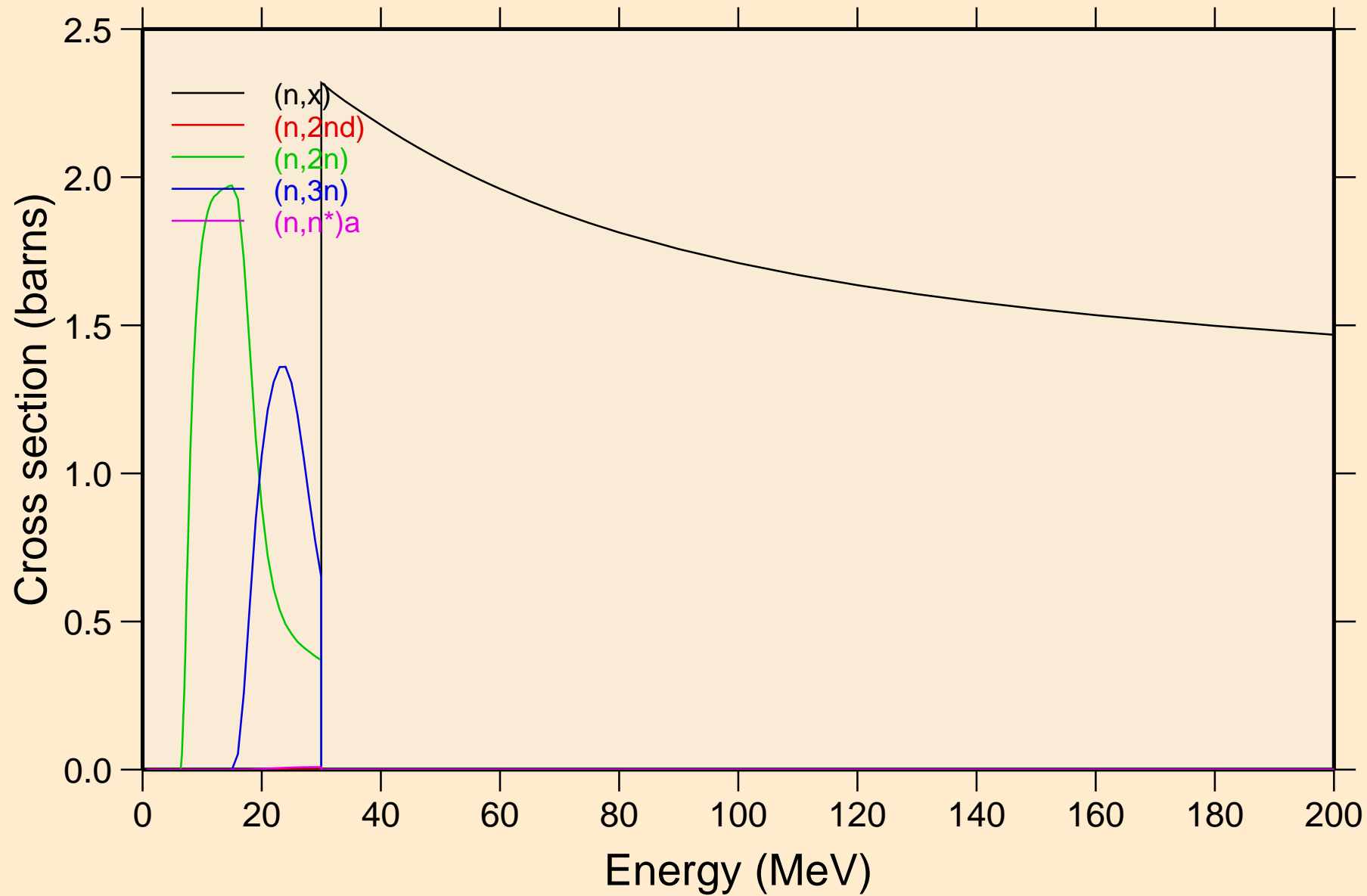
## Inelastic levels





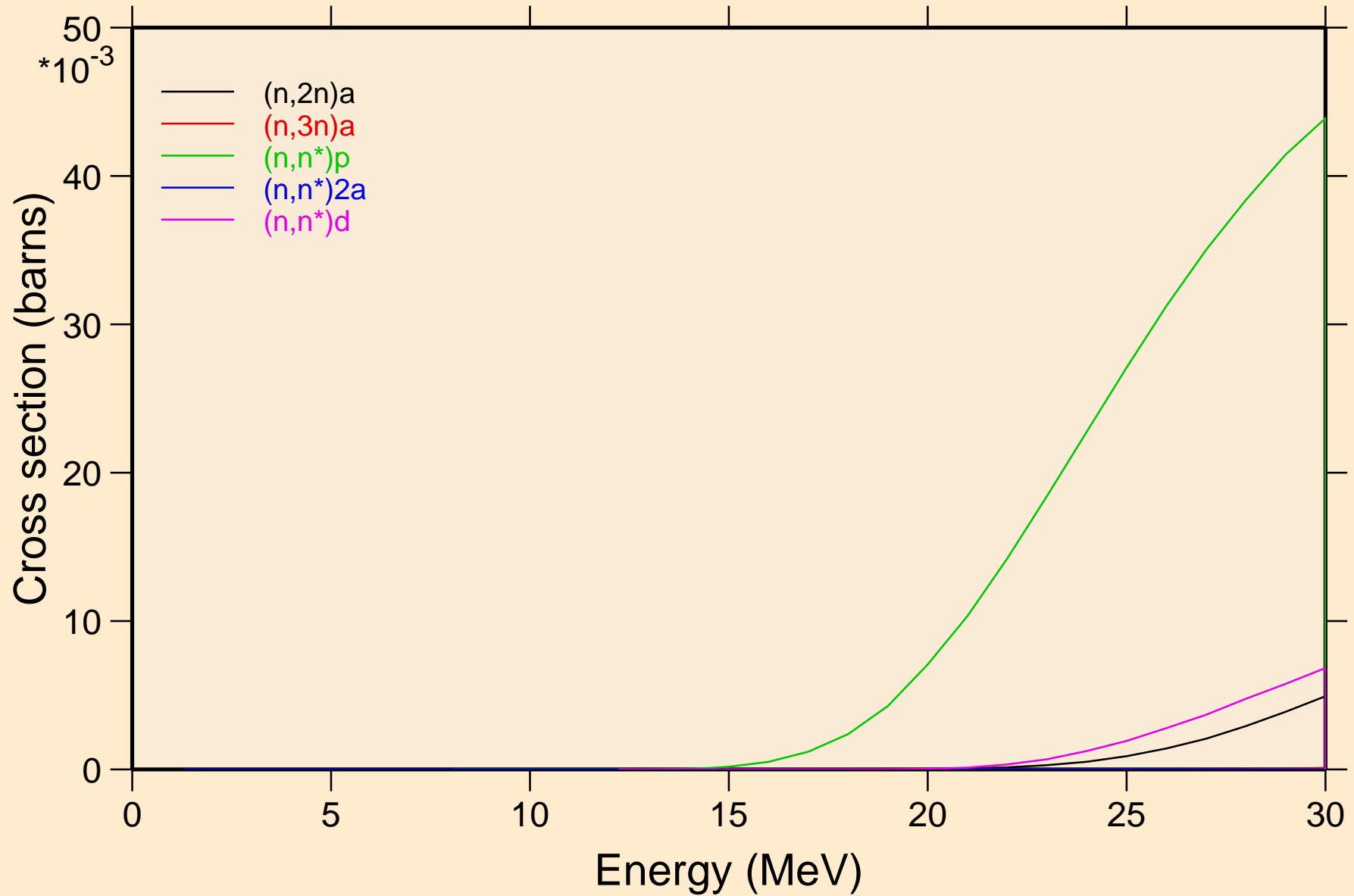
# GD157 NRG TENDL-2015, AKONING

## Threshold reactions



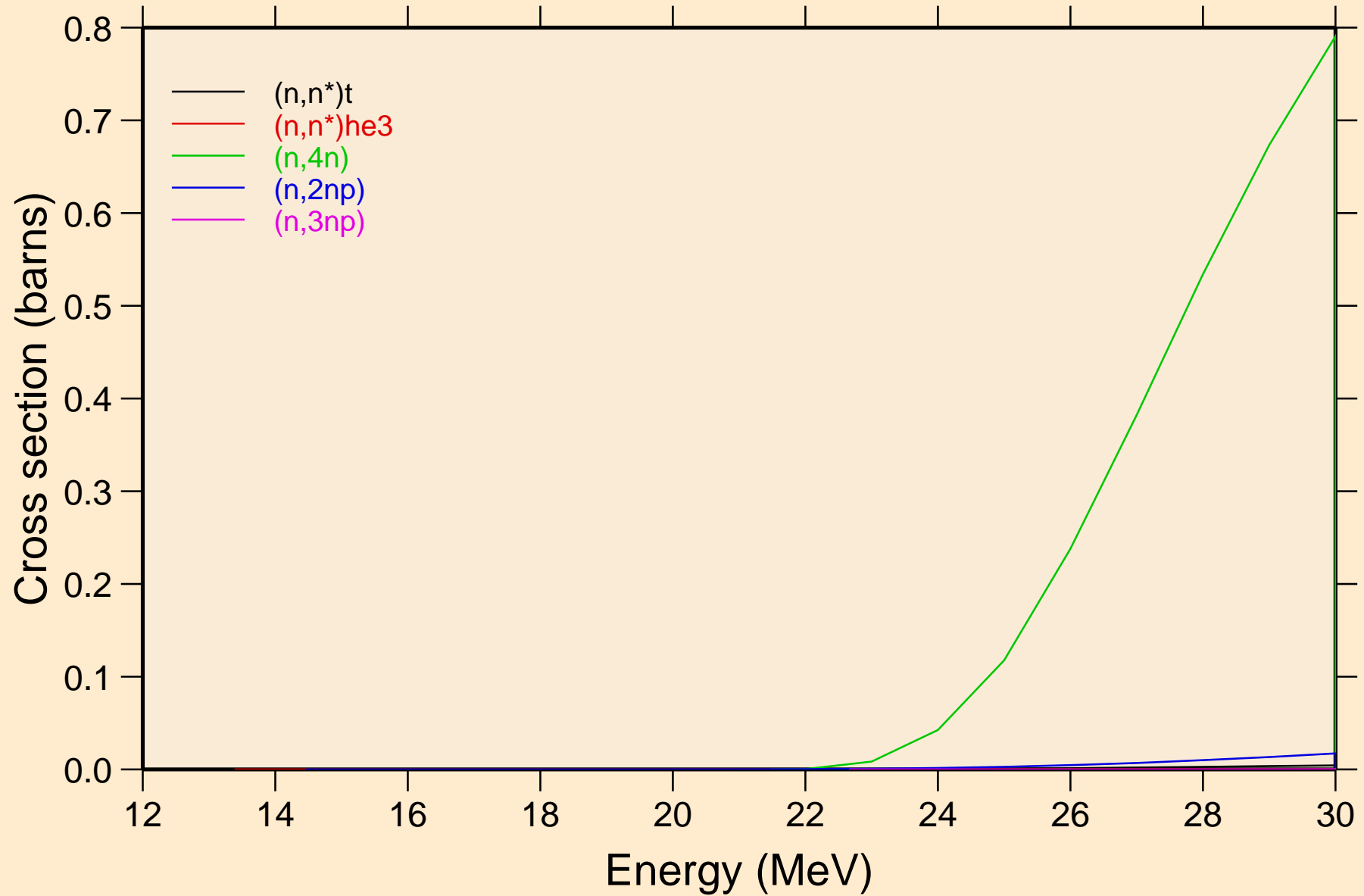
# GD157 NRG TENDL-2015, AKONING

## Threshold reactions



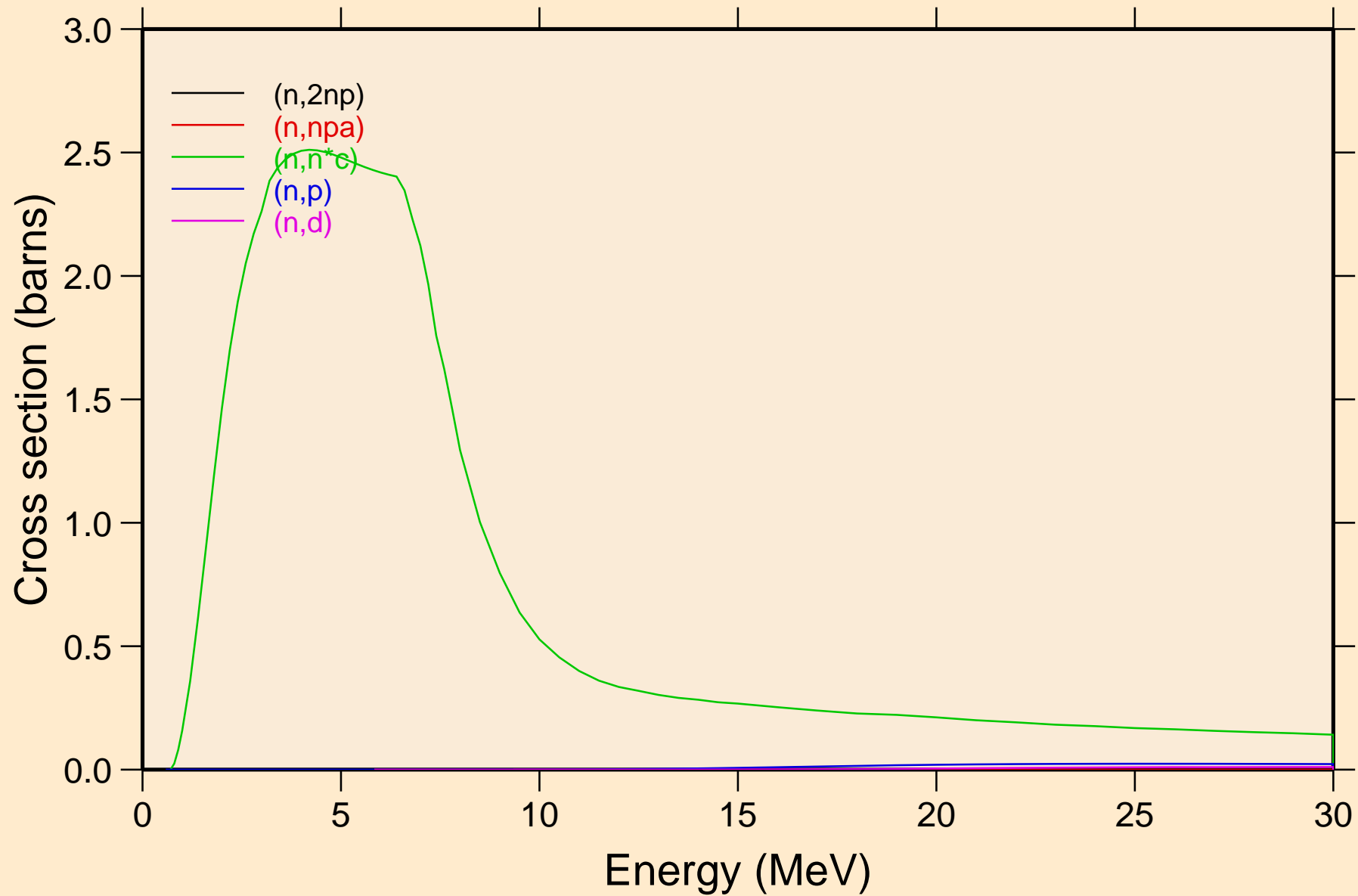
# GD157 NRG TENDL-2015, AKONING

## Threshold reactions



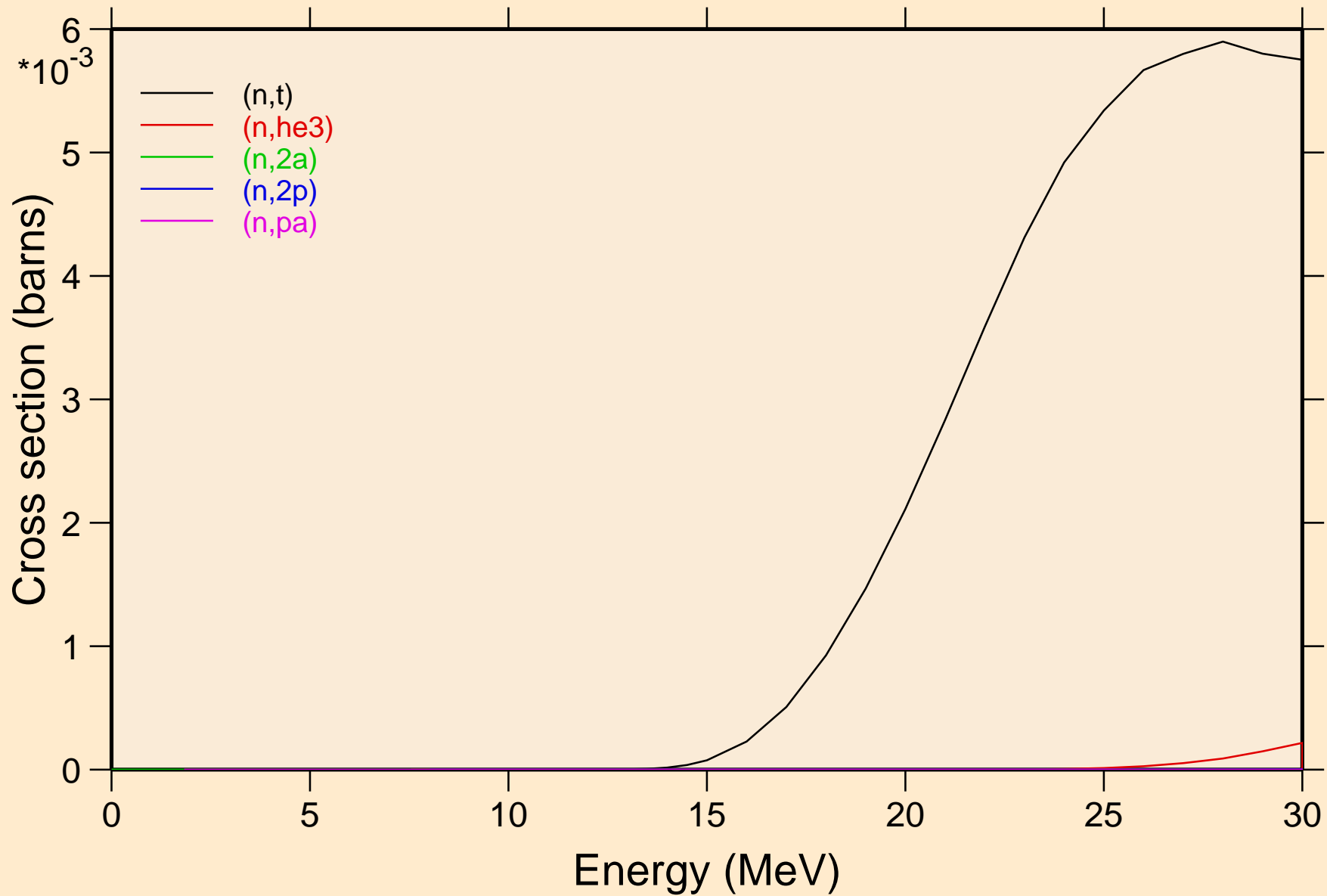
# GD157 NRG TENDL-2015, AKONING

## Threshold reactions



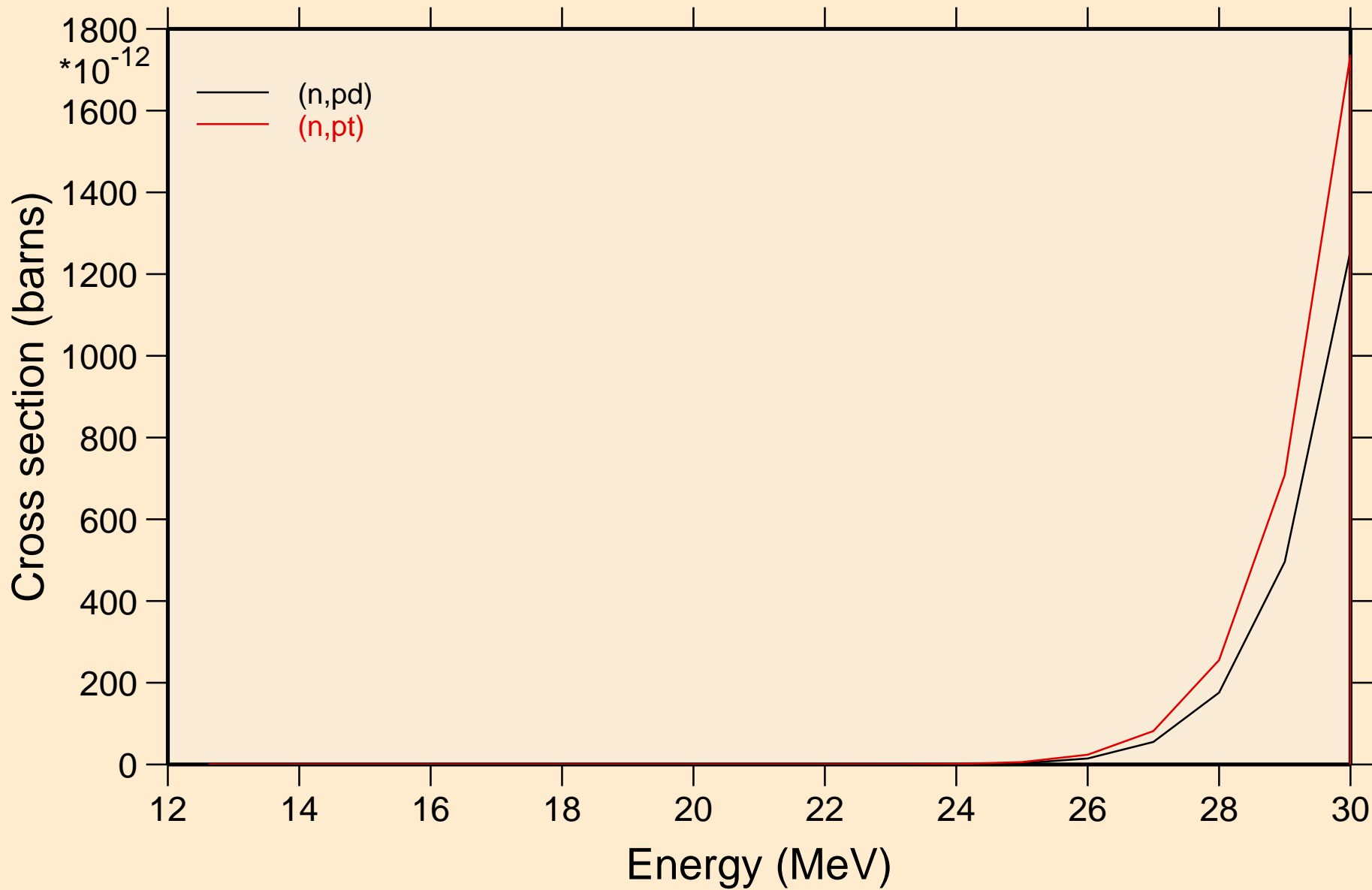
# GD157 NRG TENDL-2015, AKONING

## Threshold reactions

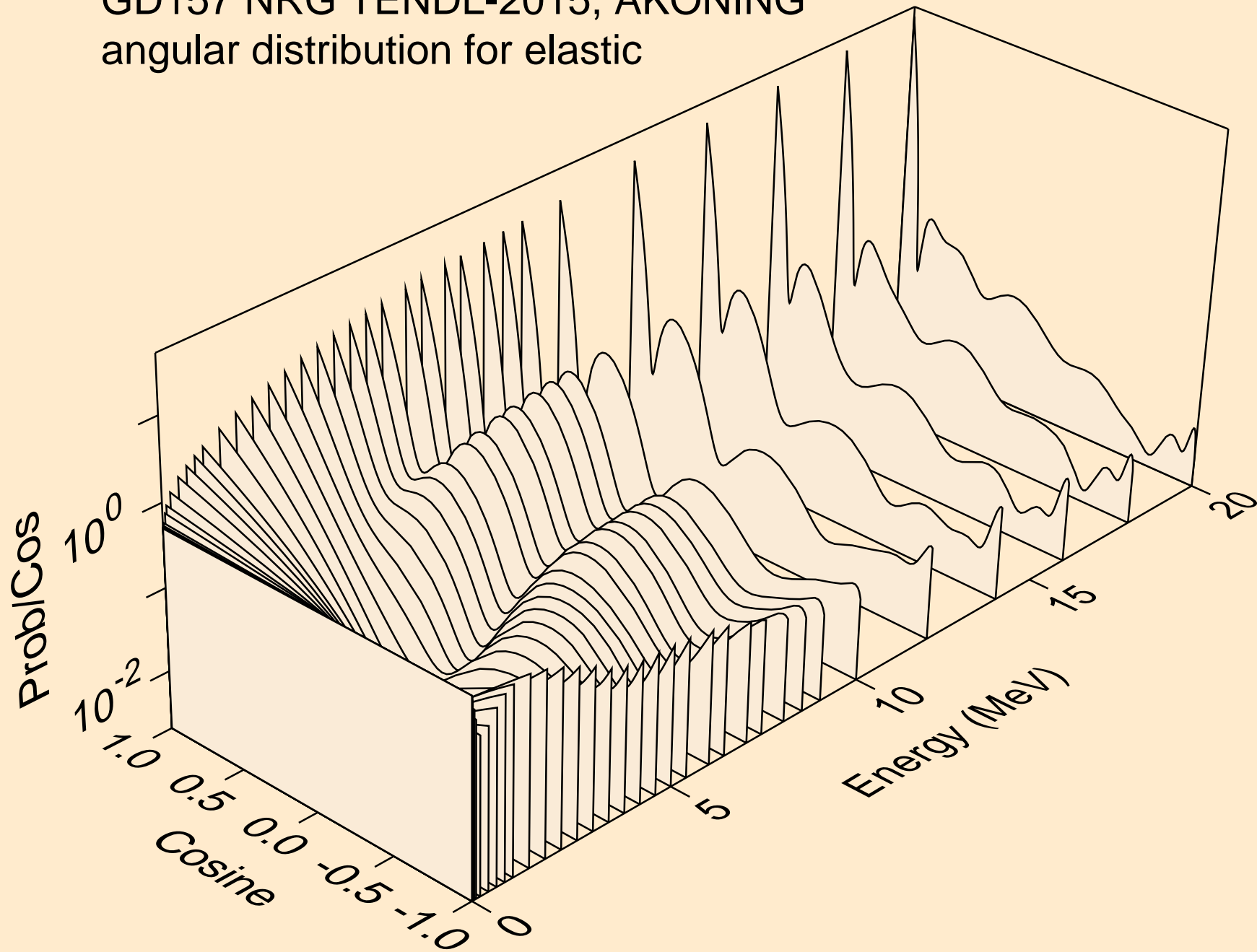


# GD157 NRG TENDL-2015, AKONING

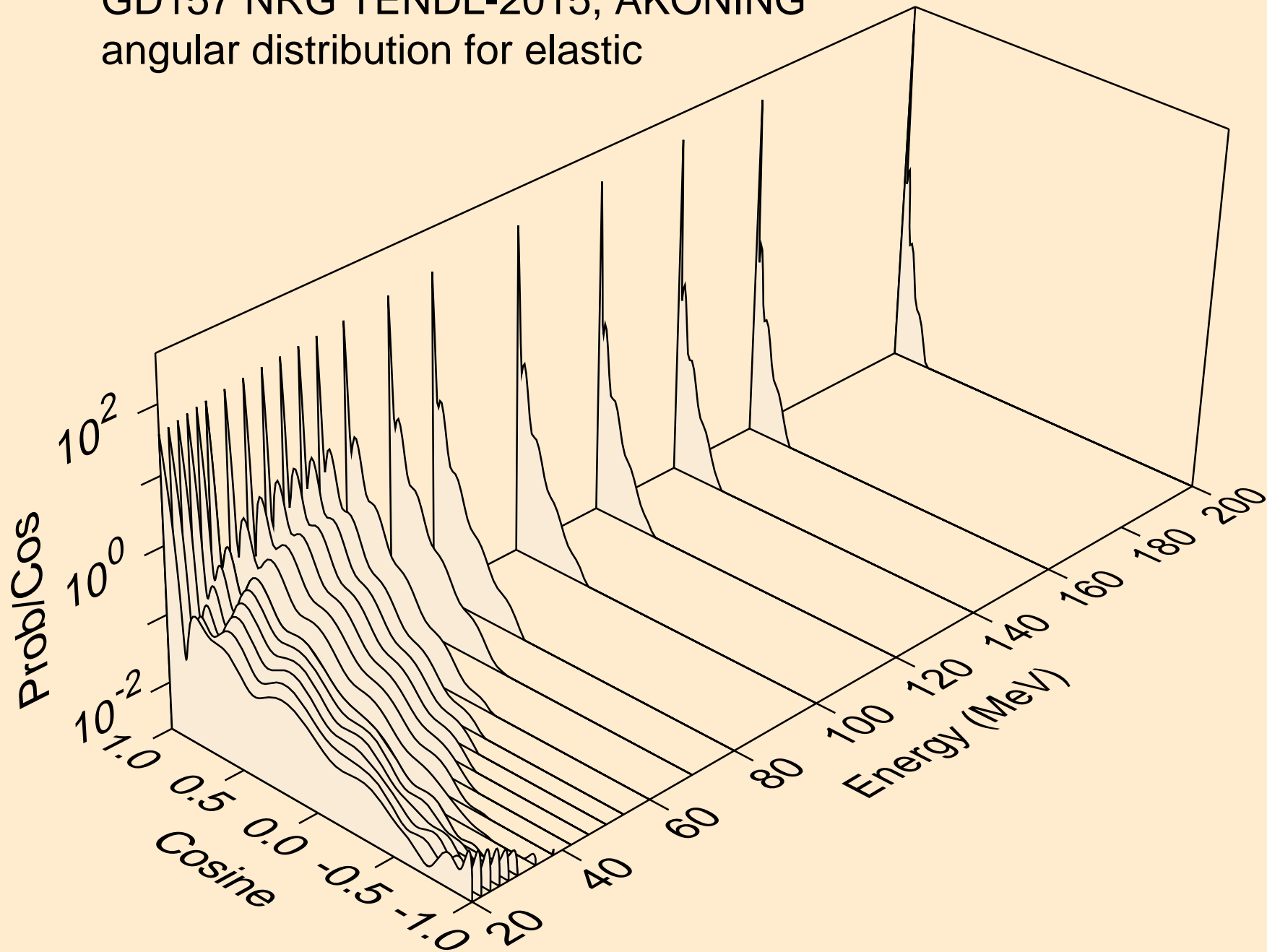
## Threshold reactions



GD157 NRG TENDL-2015, AKONING  
angular distribution for elastic

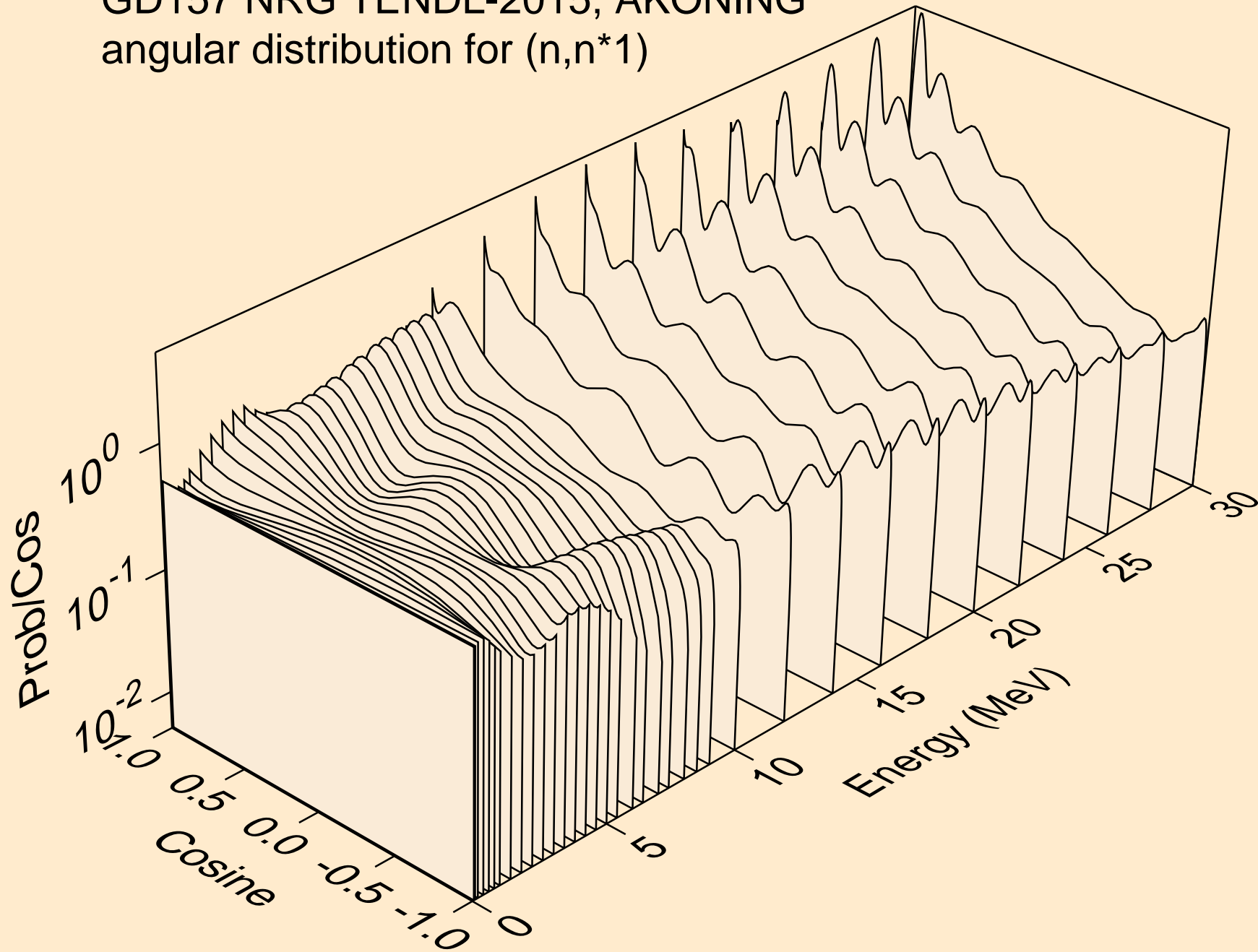


GD157 NRG TENDL-2015, AKONING  
angular distribution for elastic

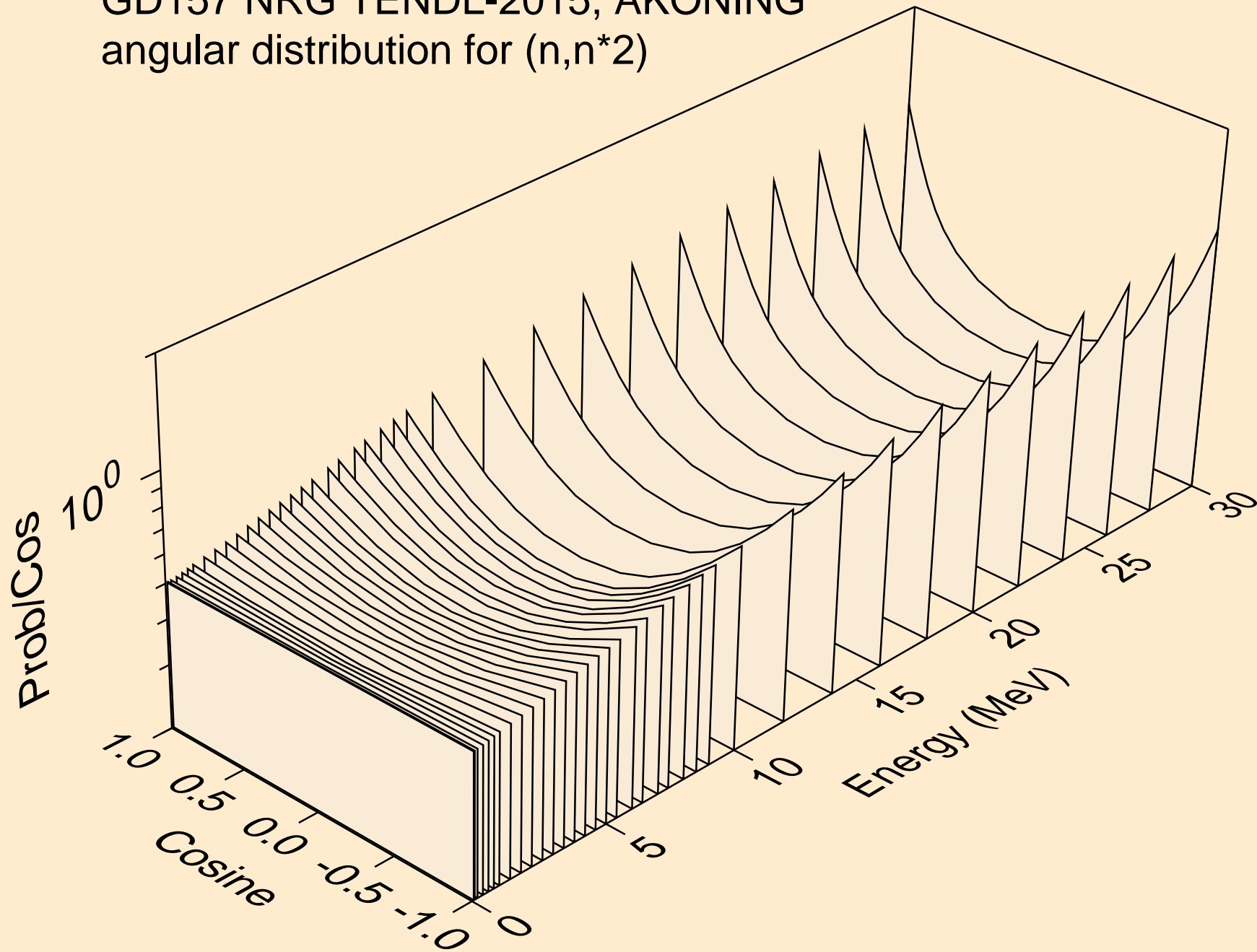




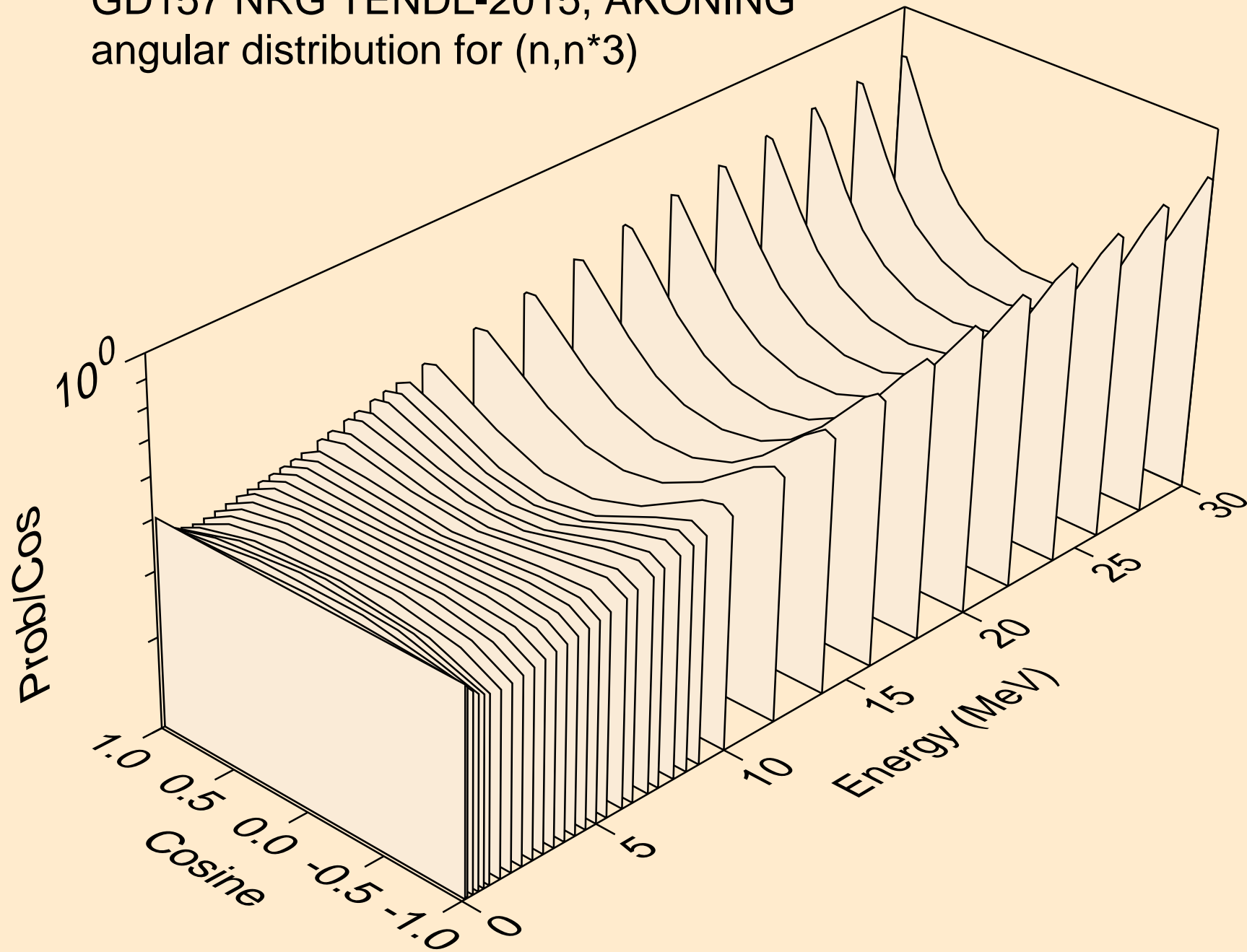
GD157 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



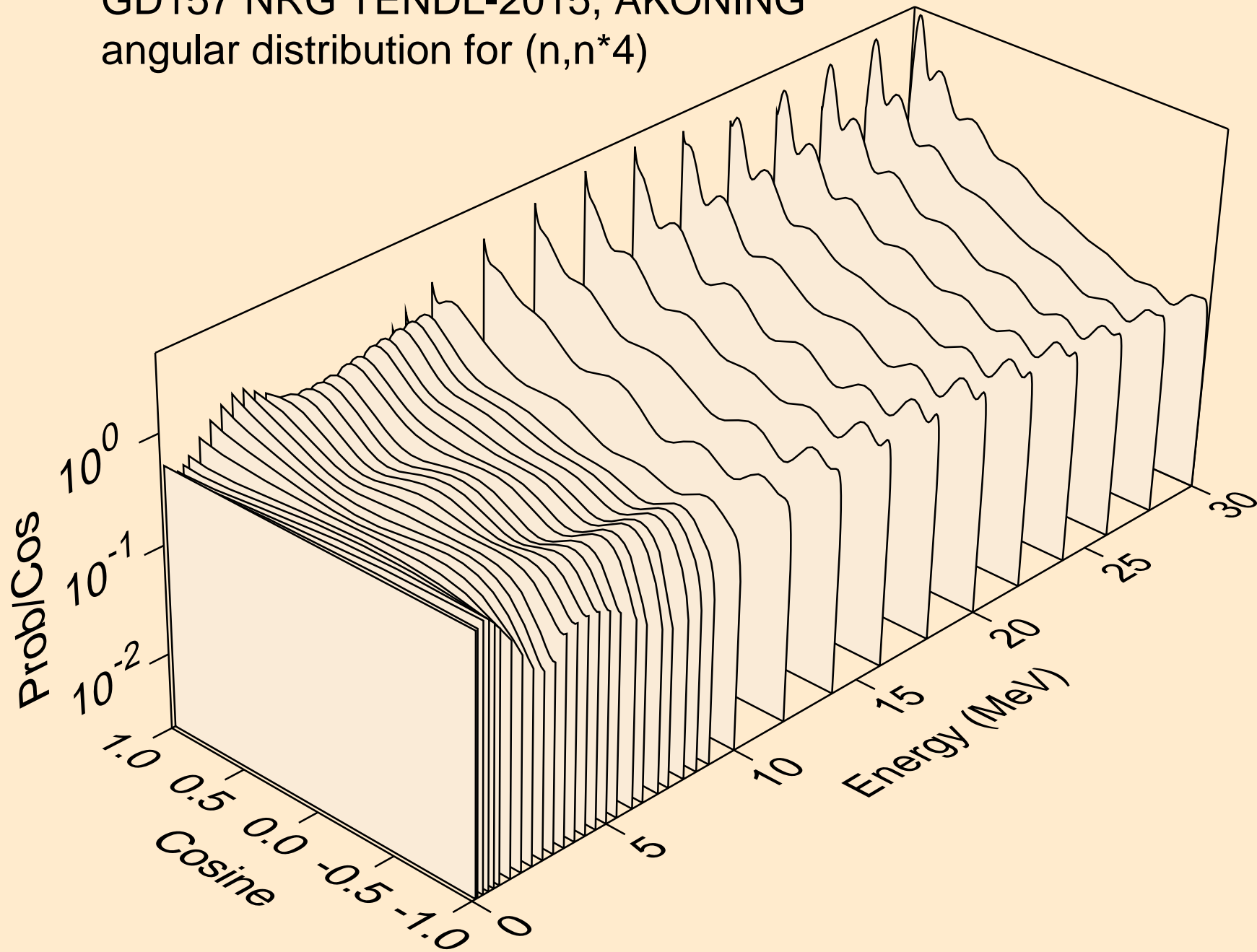
GD157 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



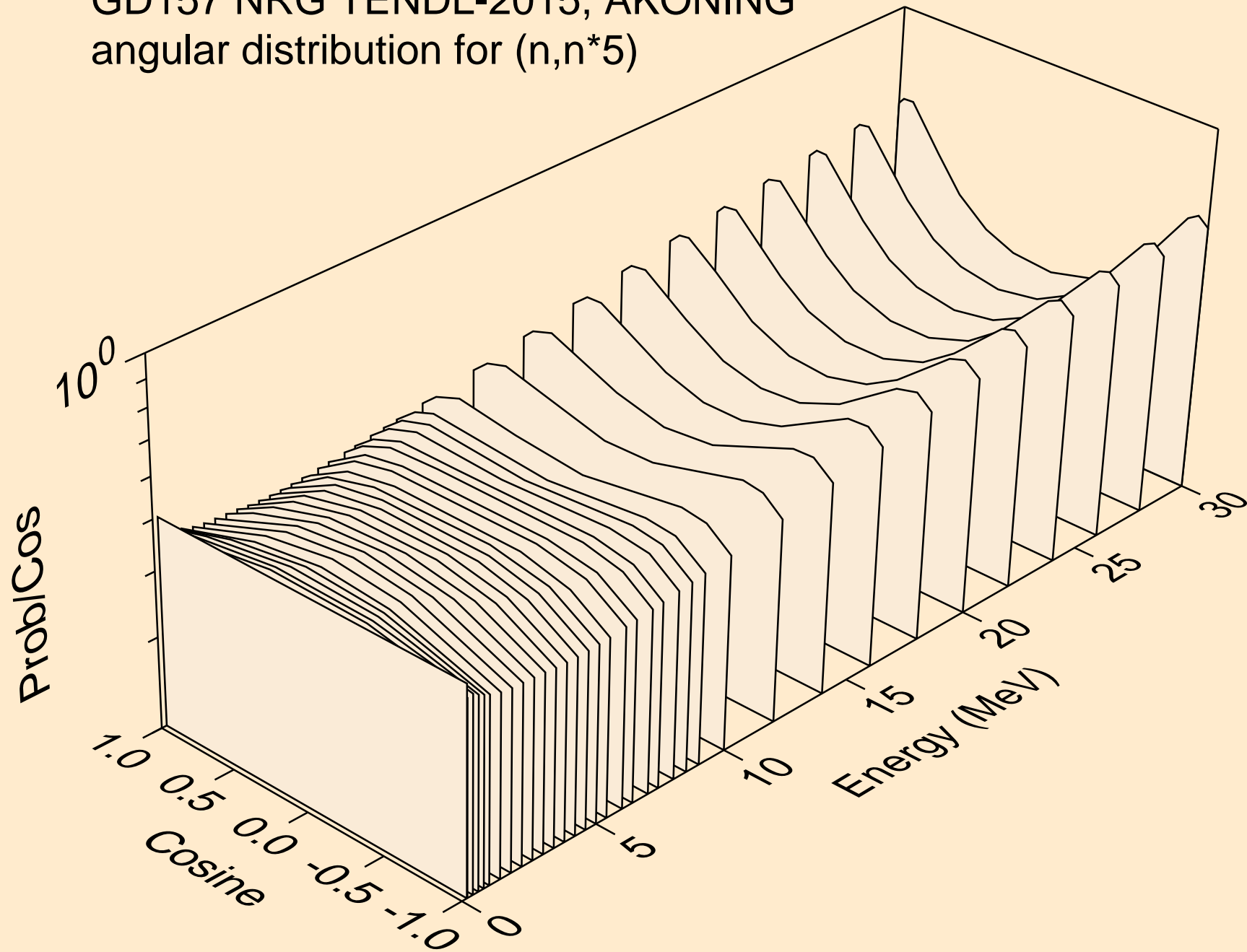
GD157 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



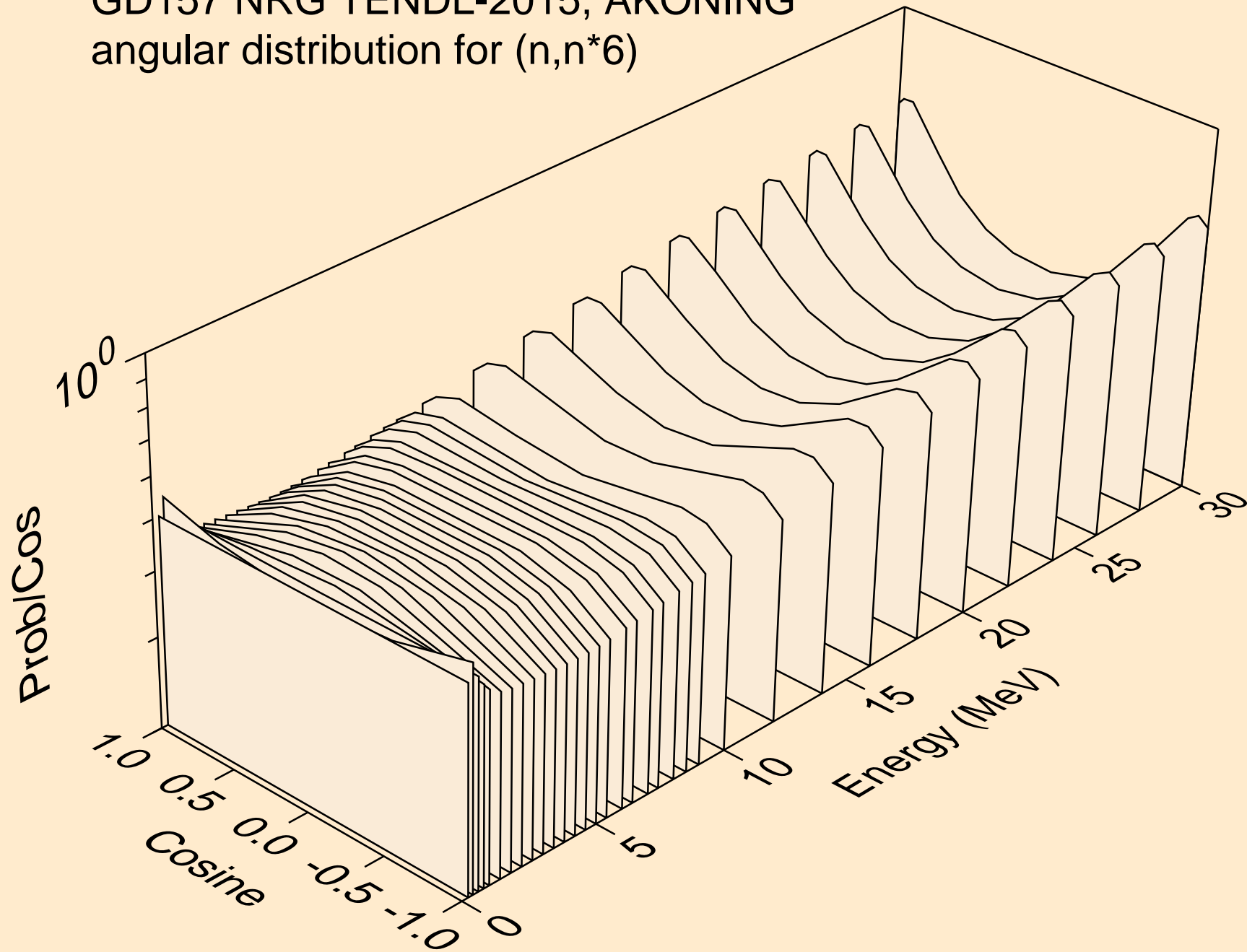
GD157 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



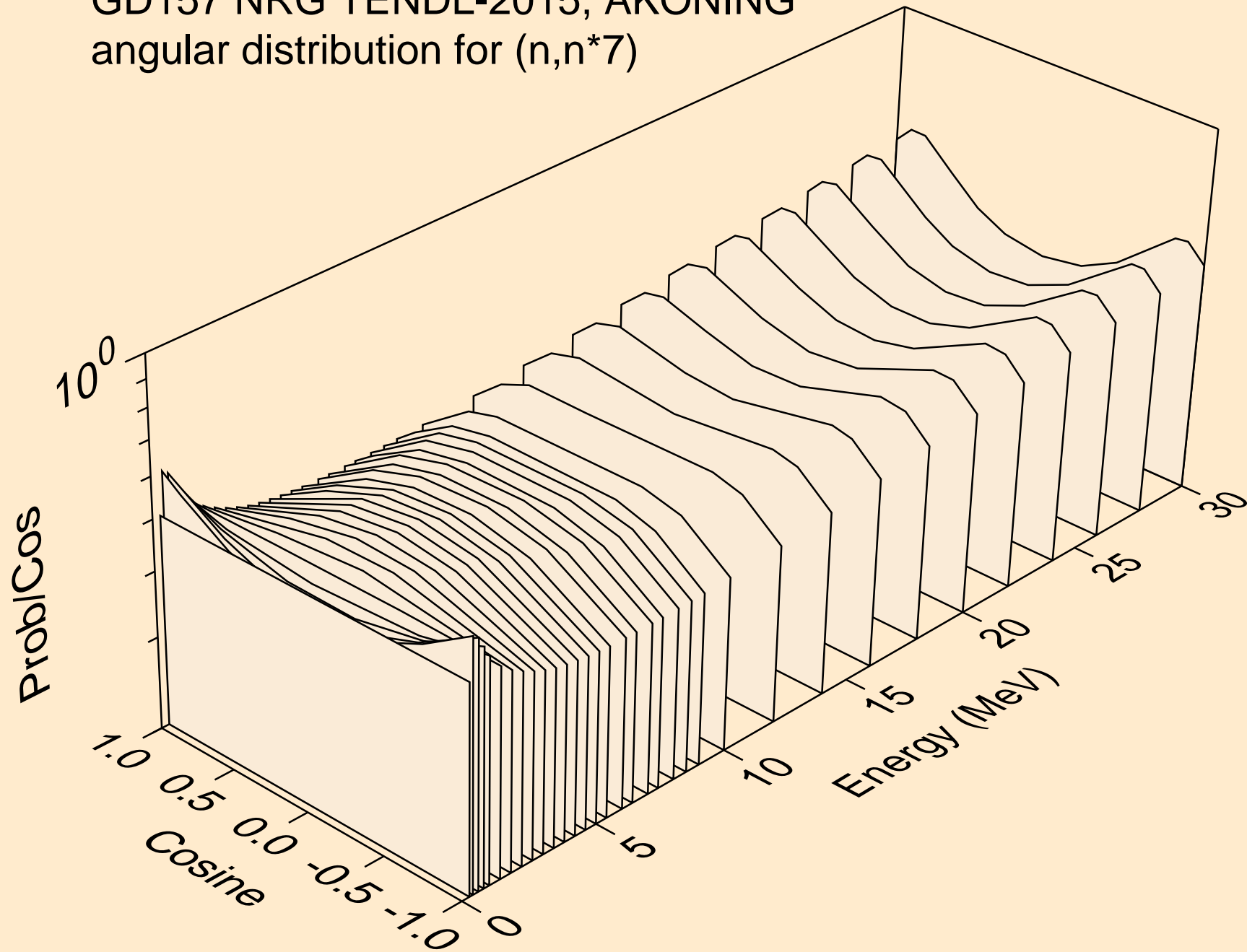
GD157 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



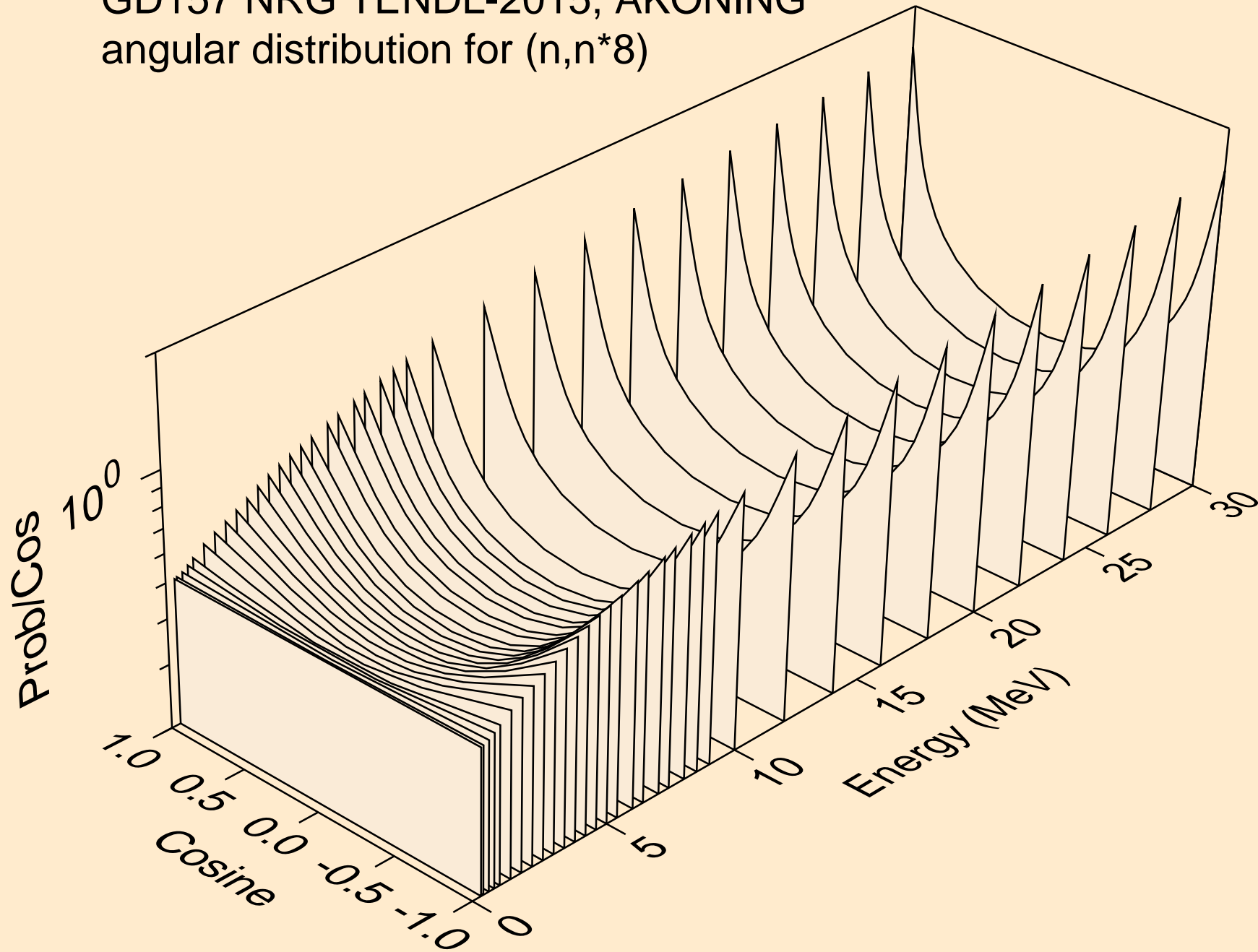
GD157 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



GD157 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

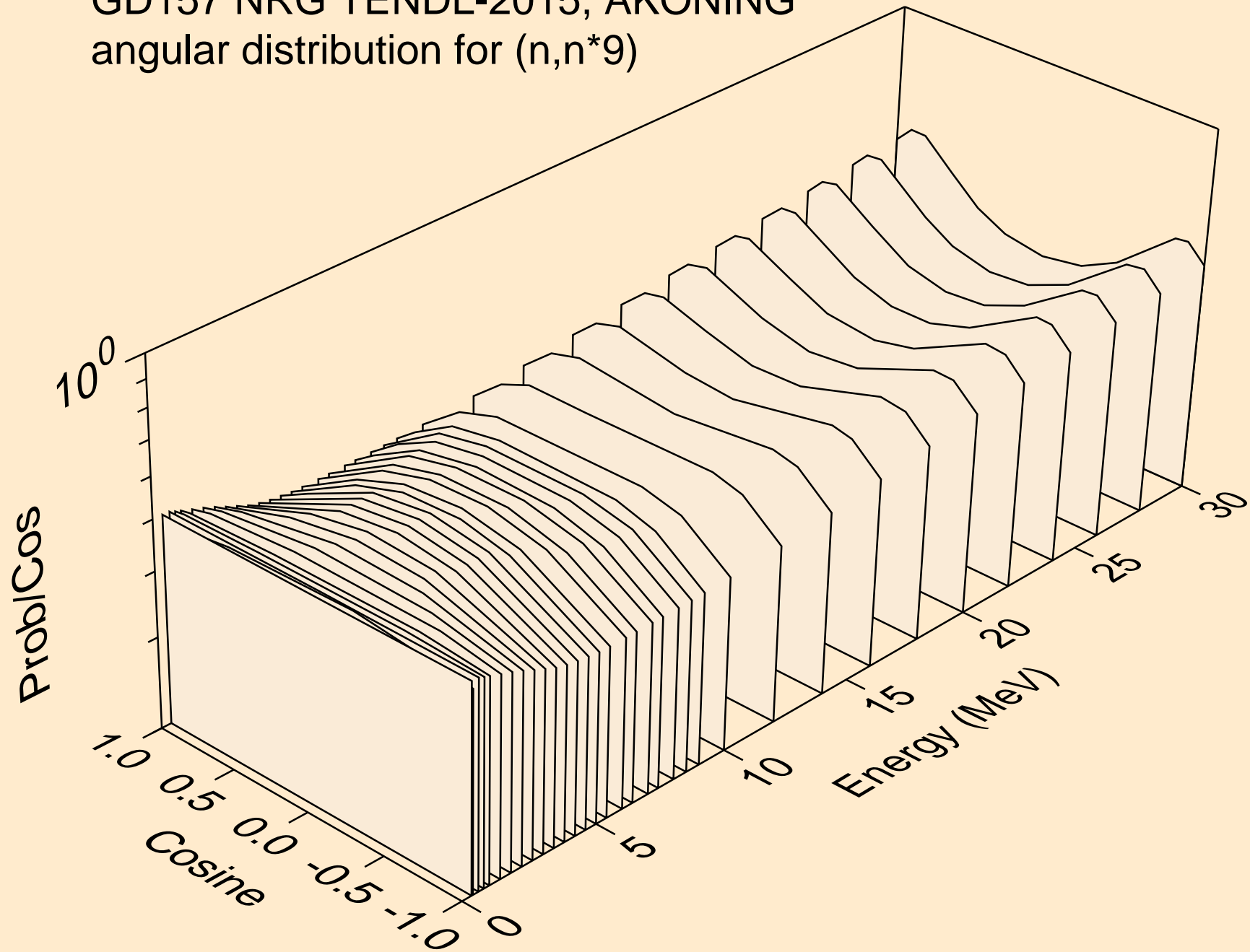


GD157 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)

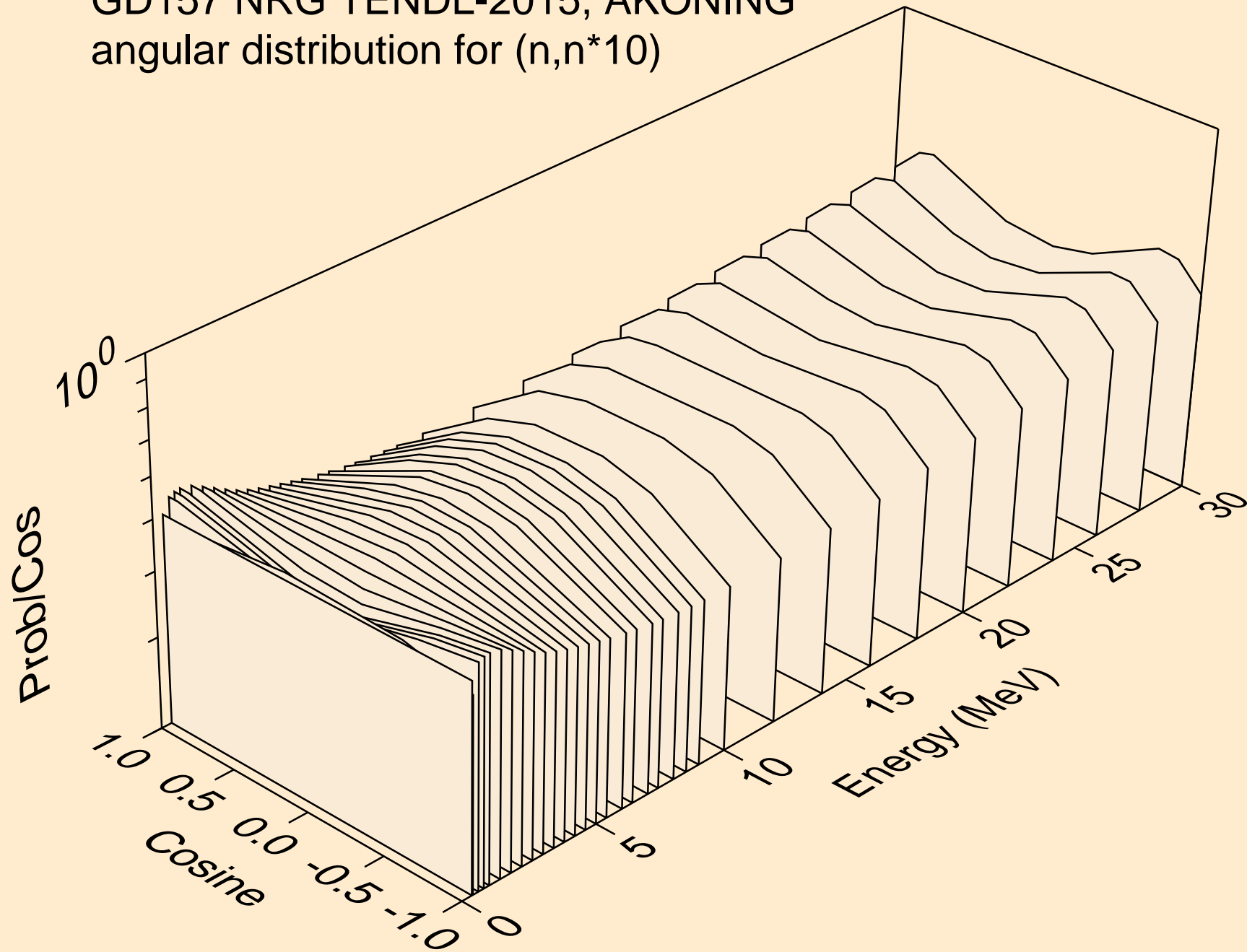




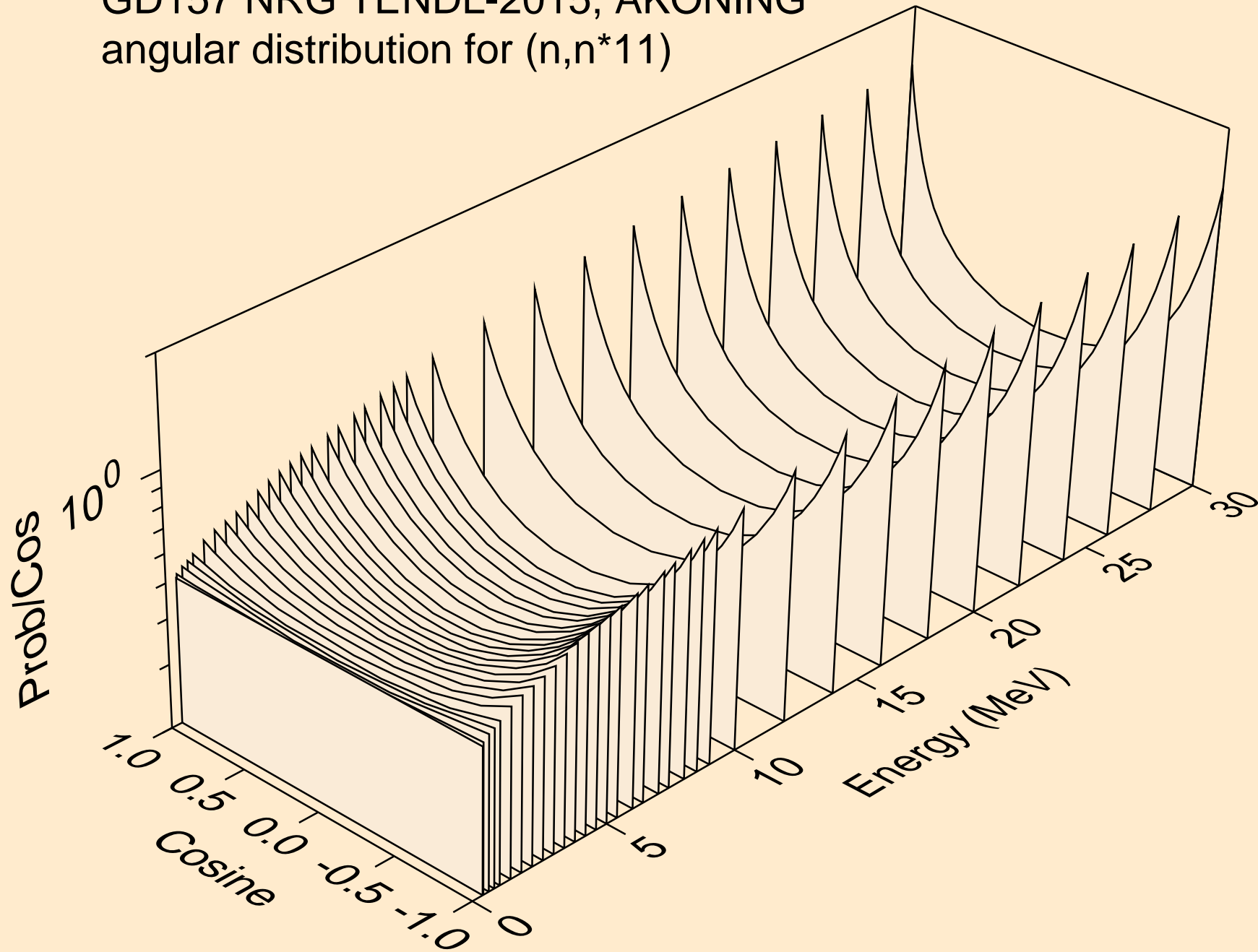
GD157 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



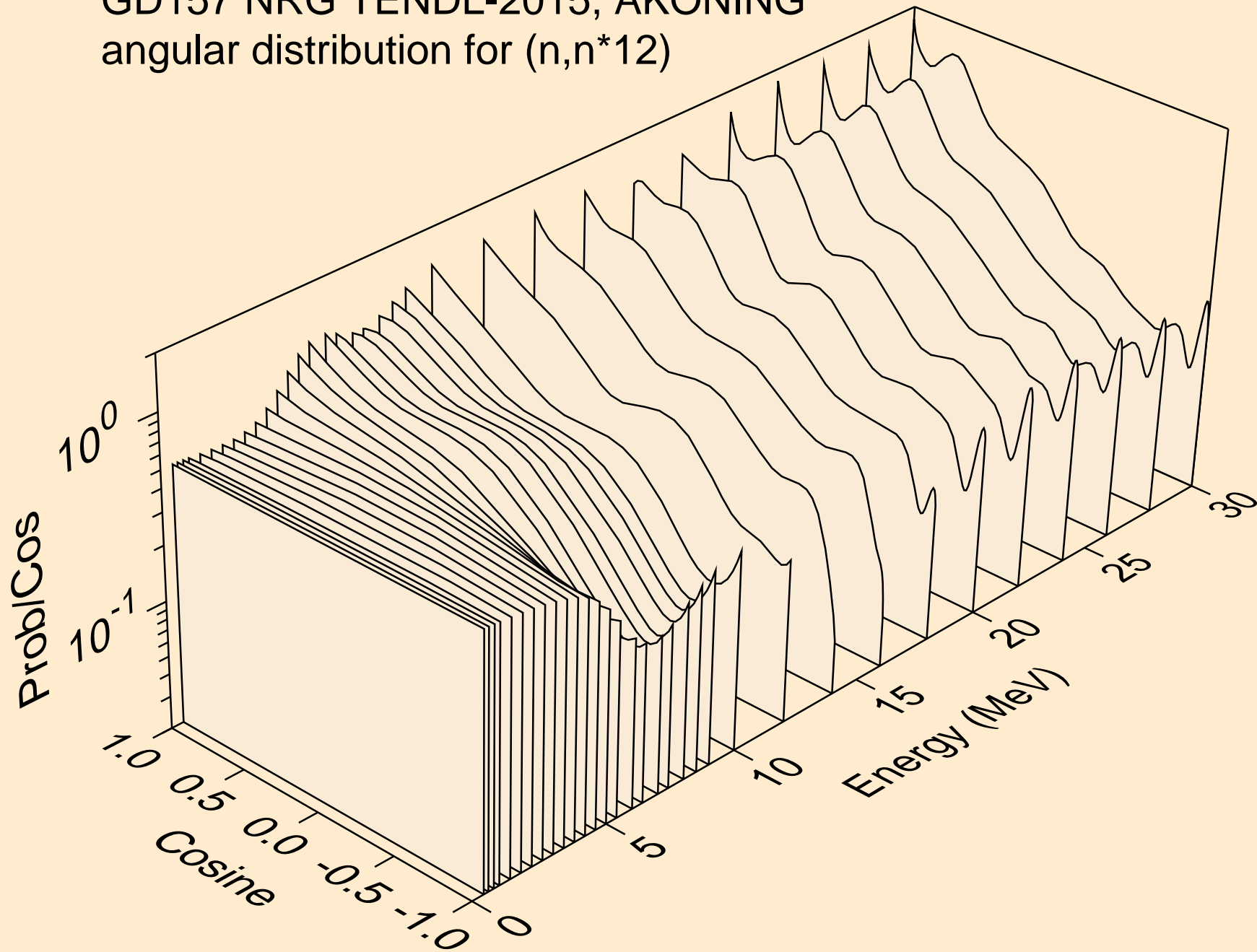
GD157 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



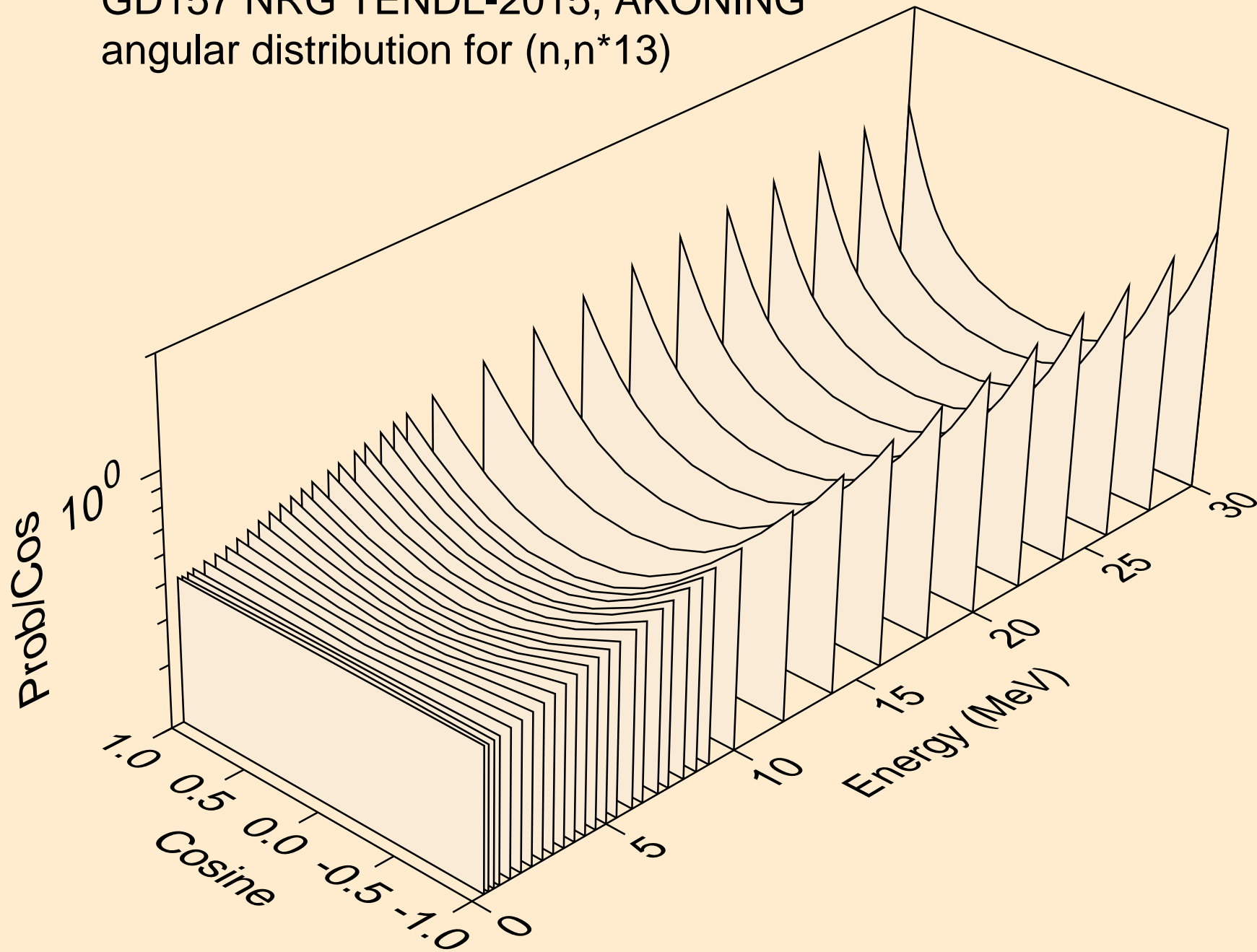
GD157 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



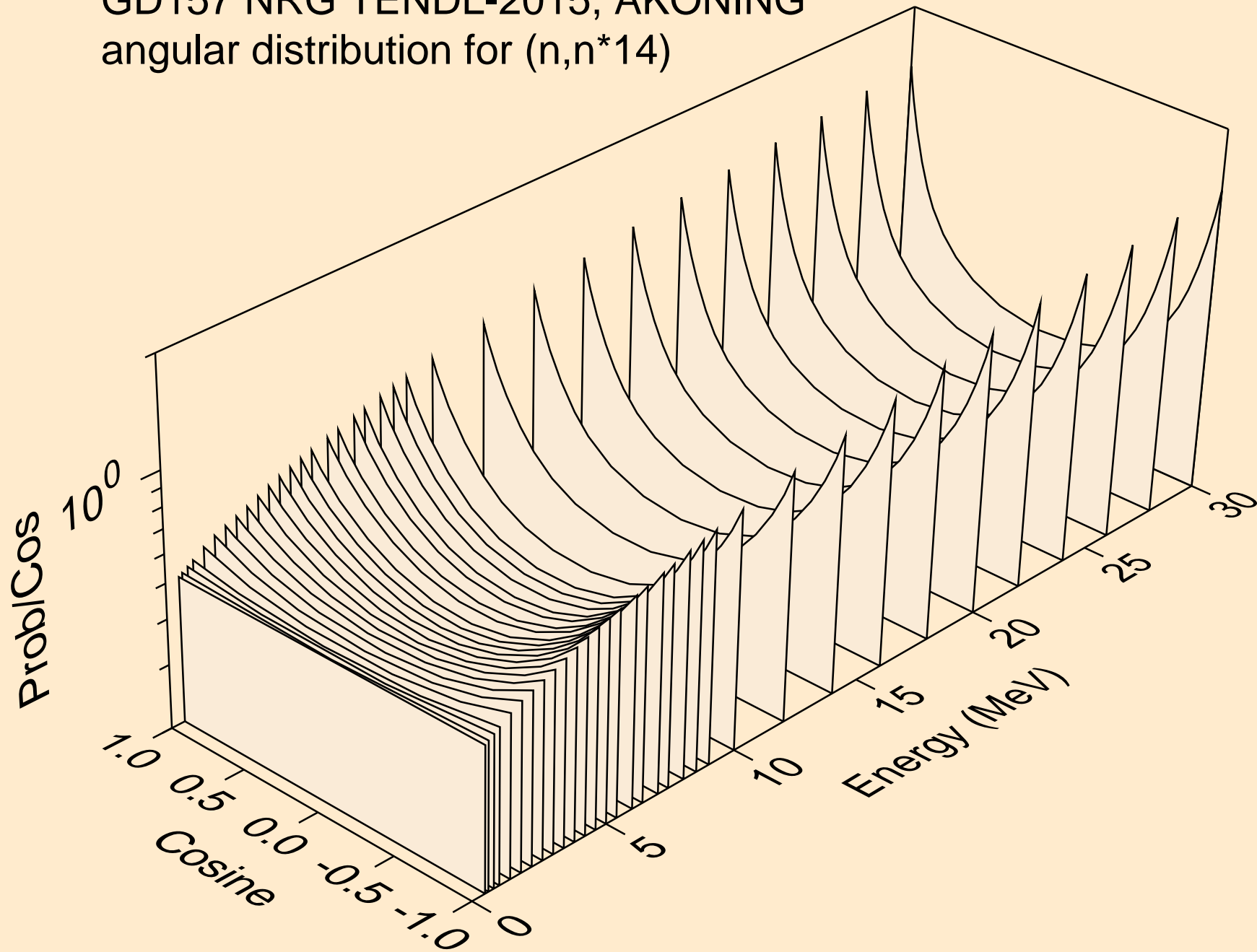
GD157 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



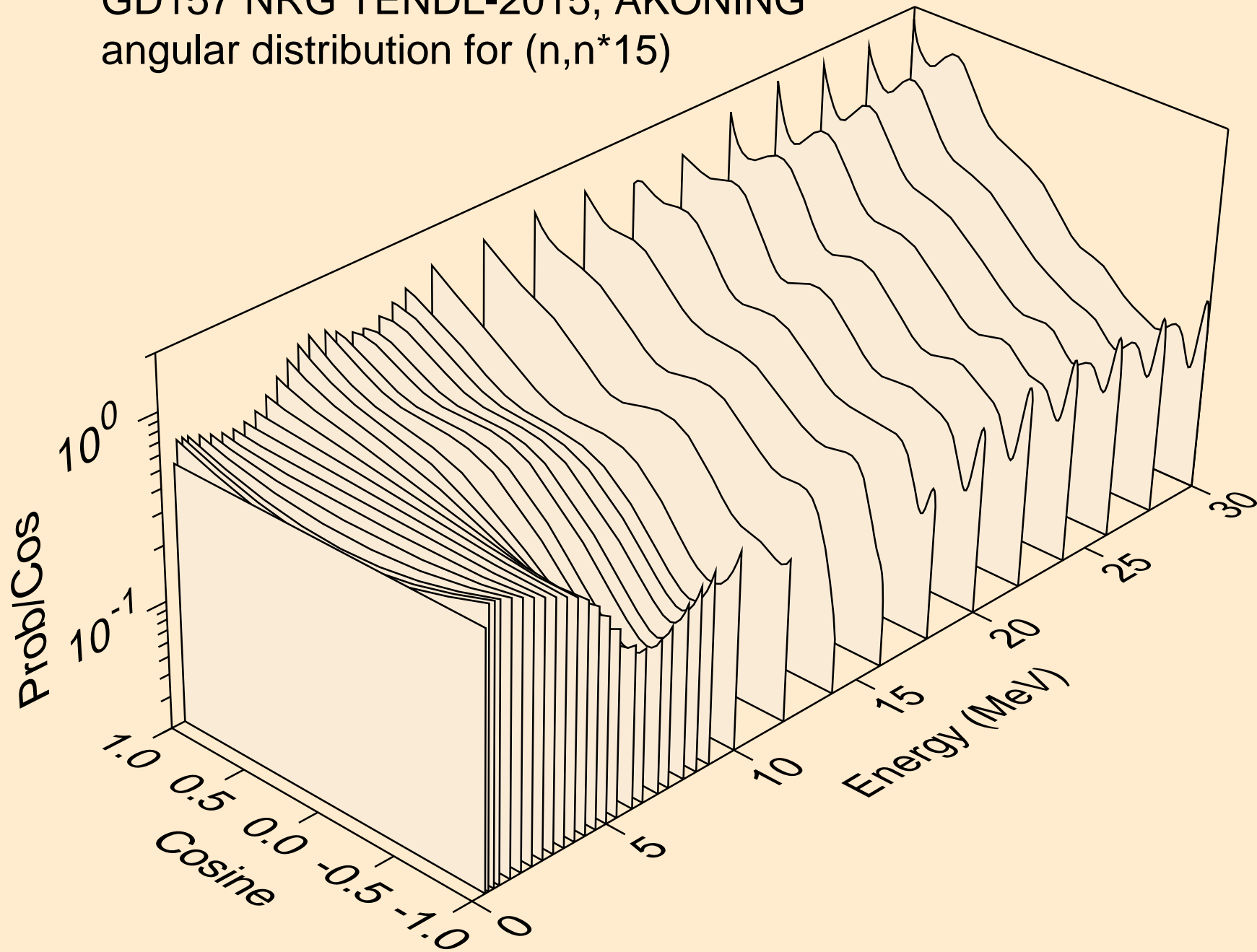
GD157 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



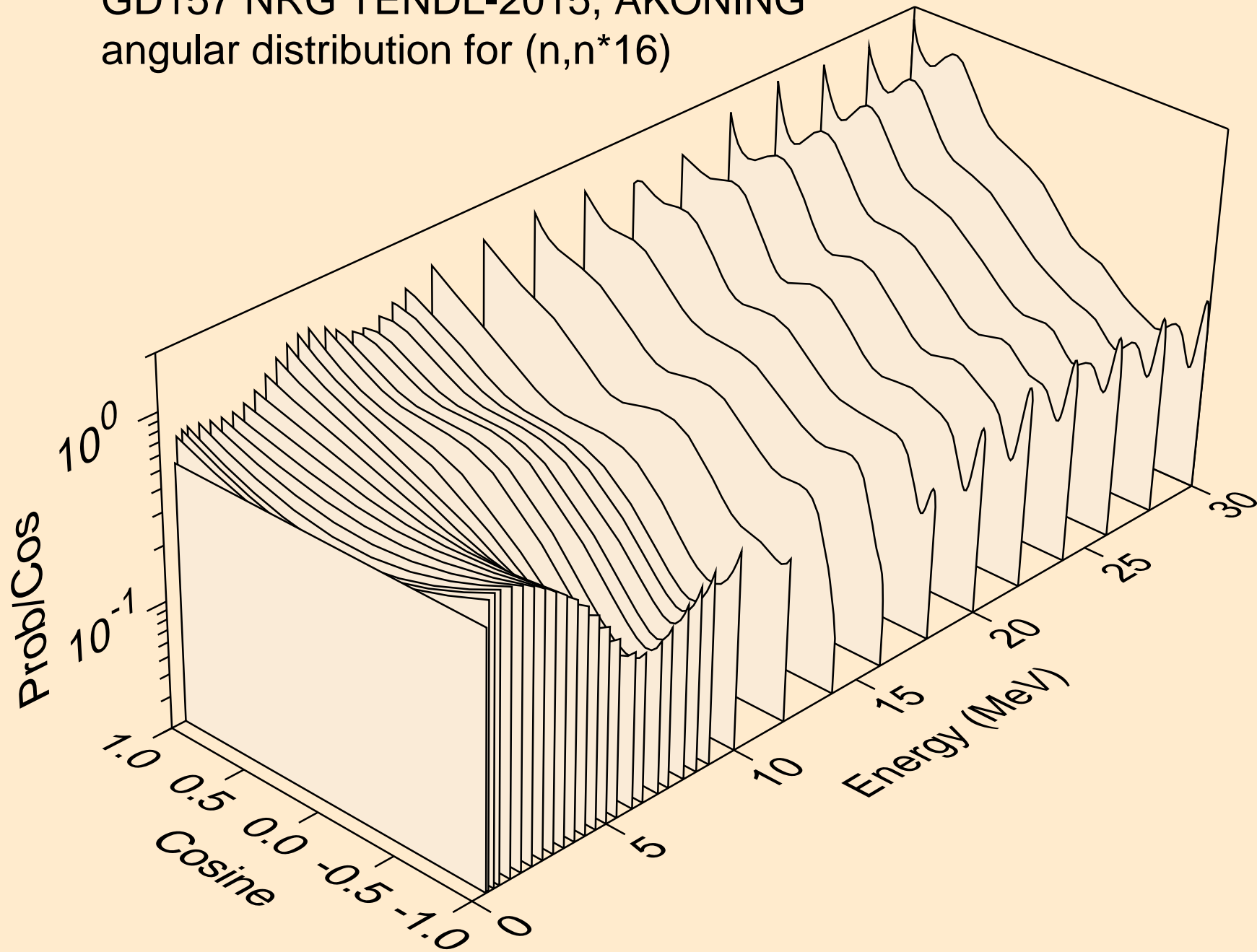
GD157 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



GD157 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

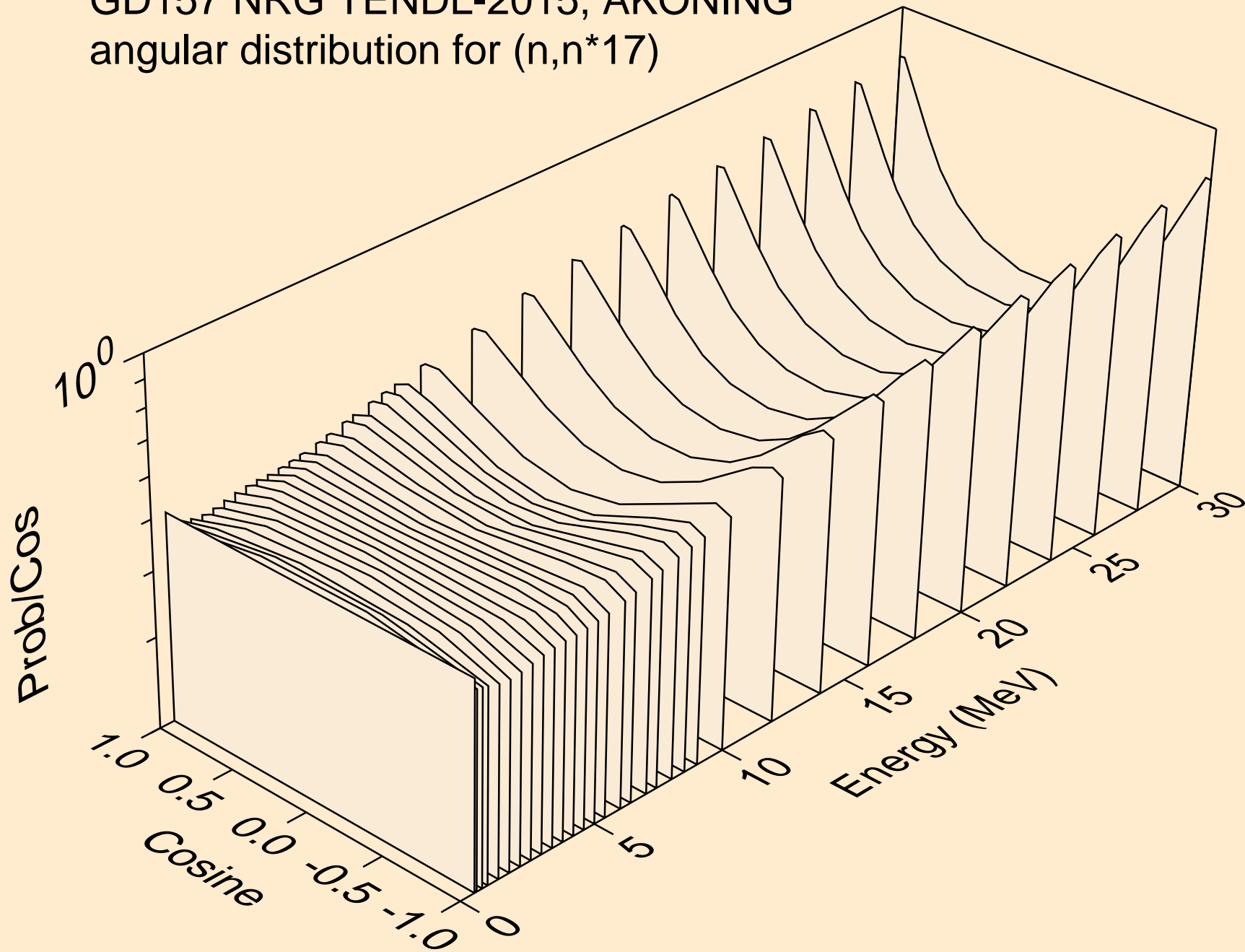


GD157 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)

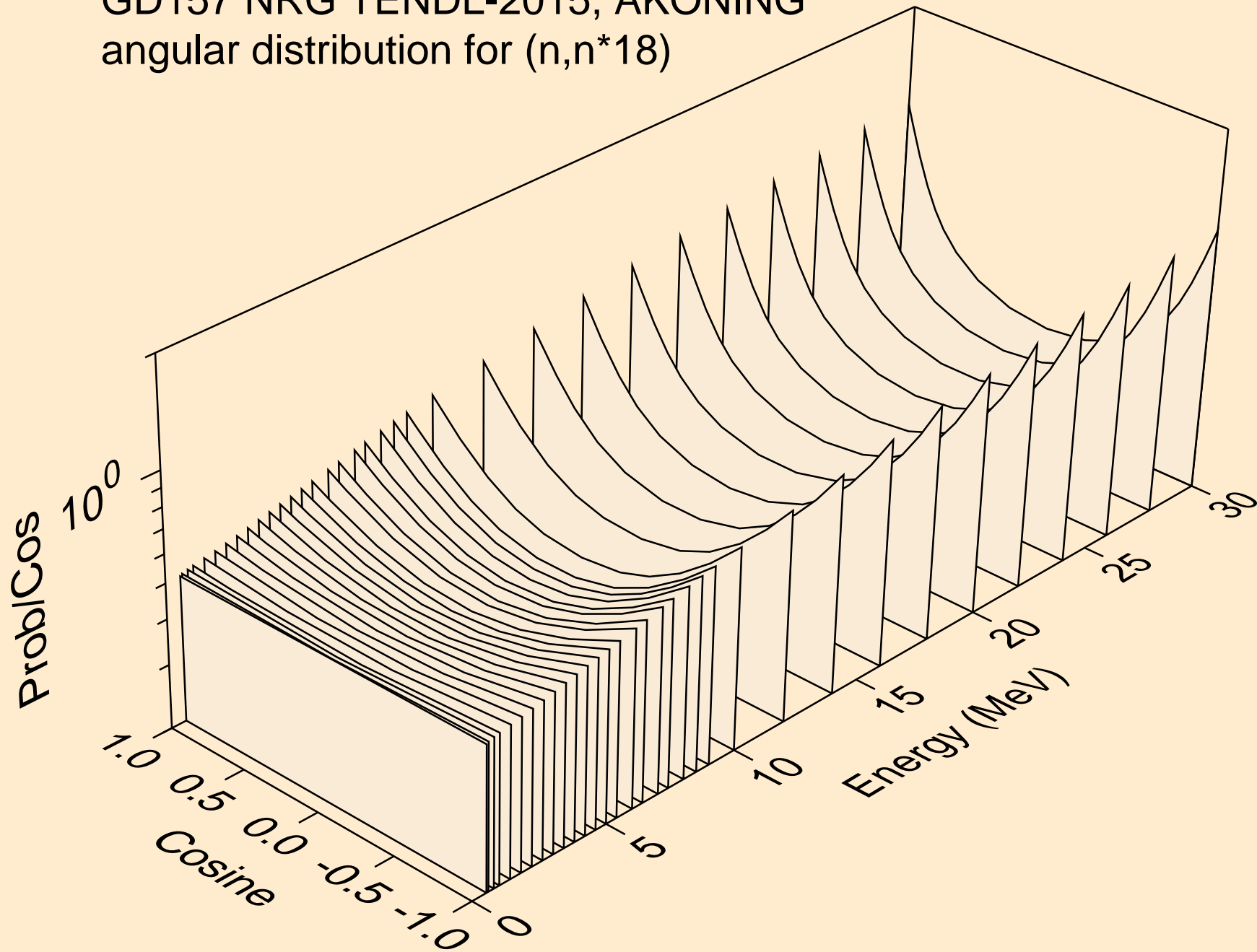




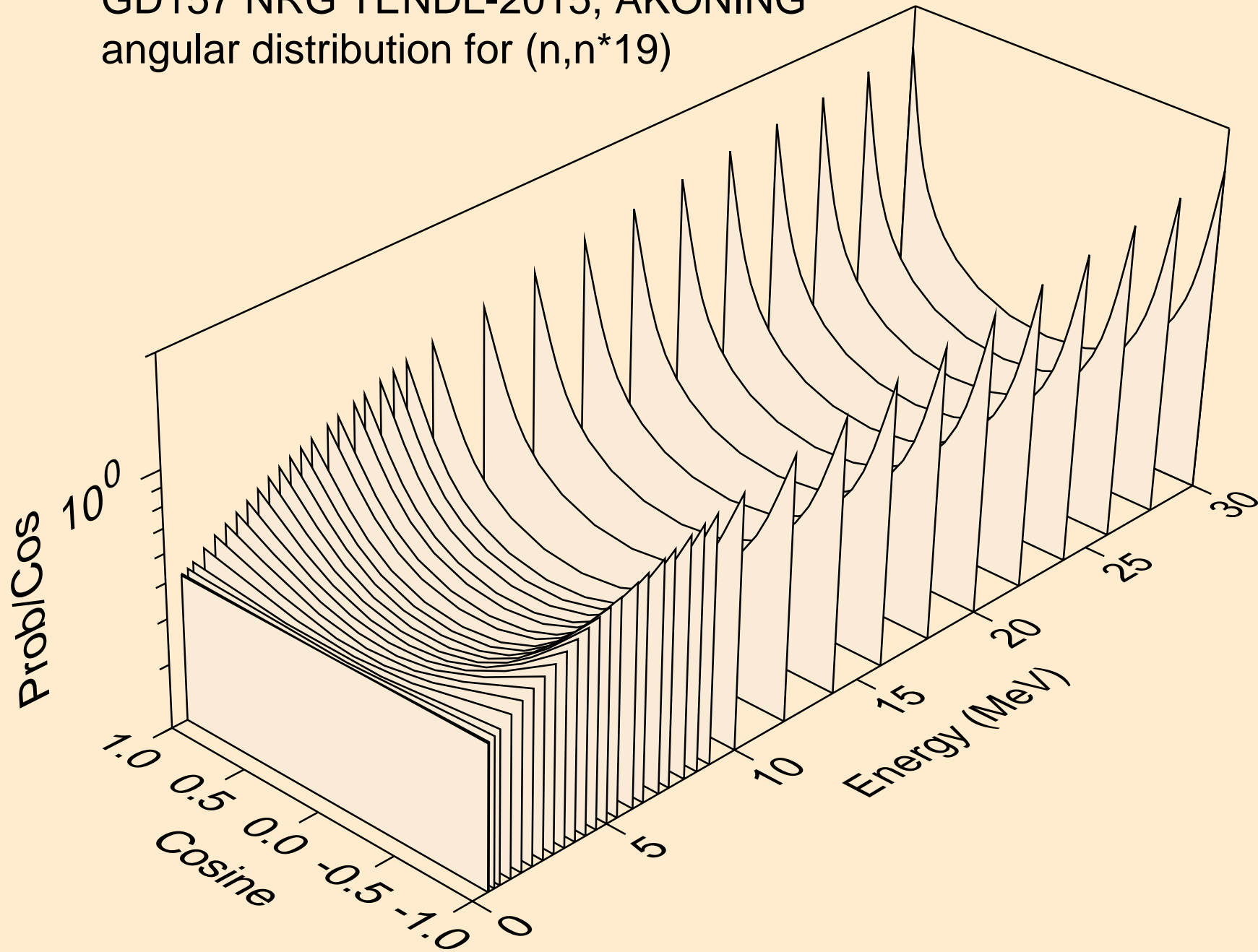
GD157 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



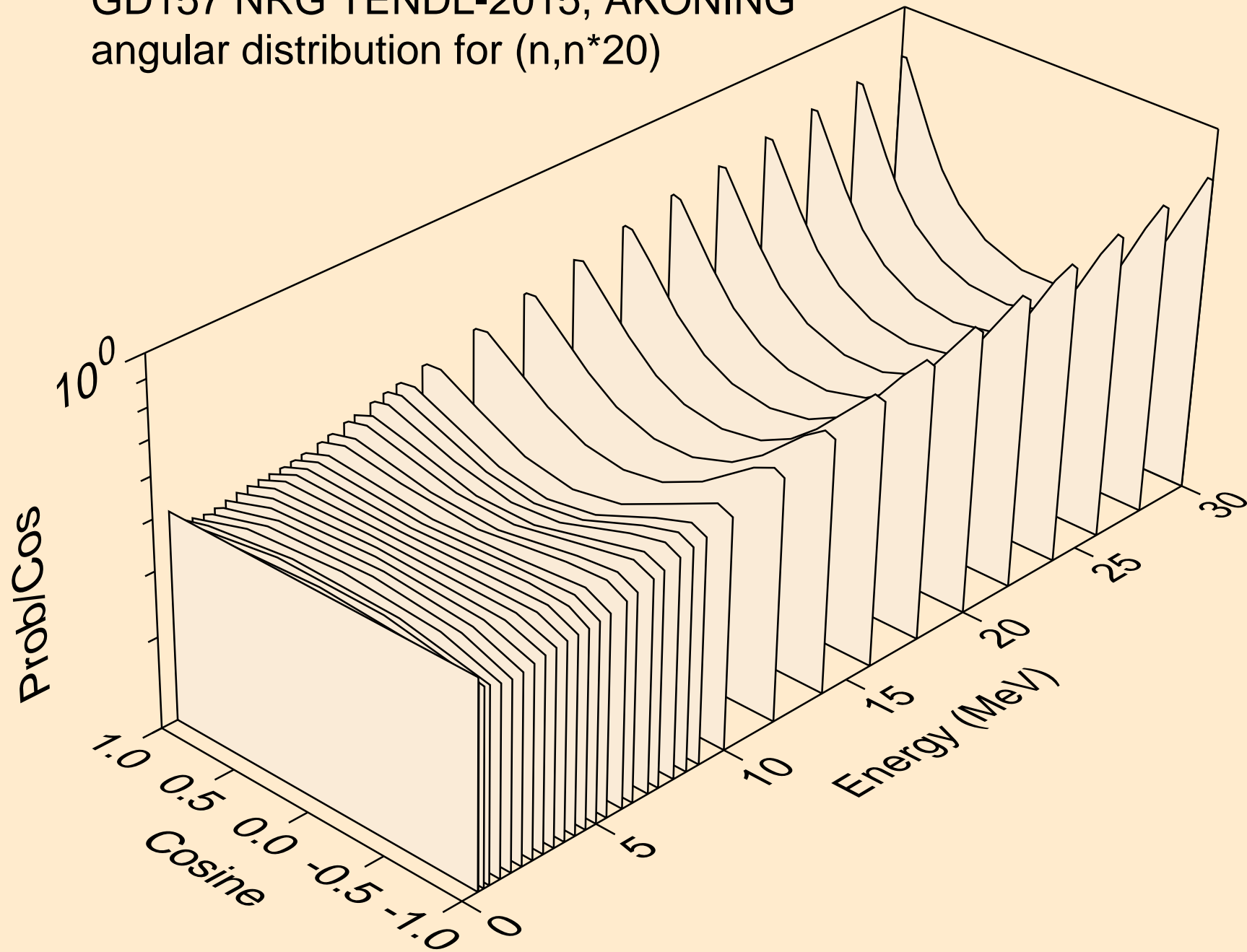
GD157 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



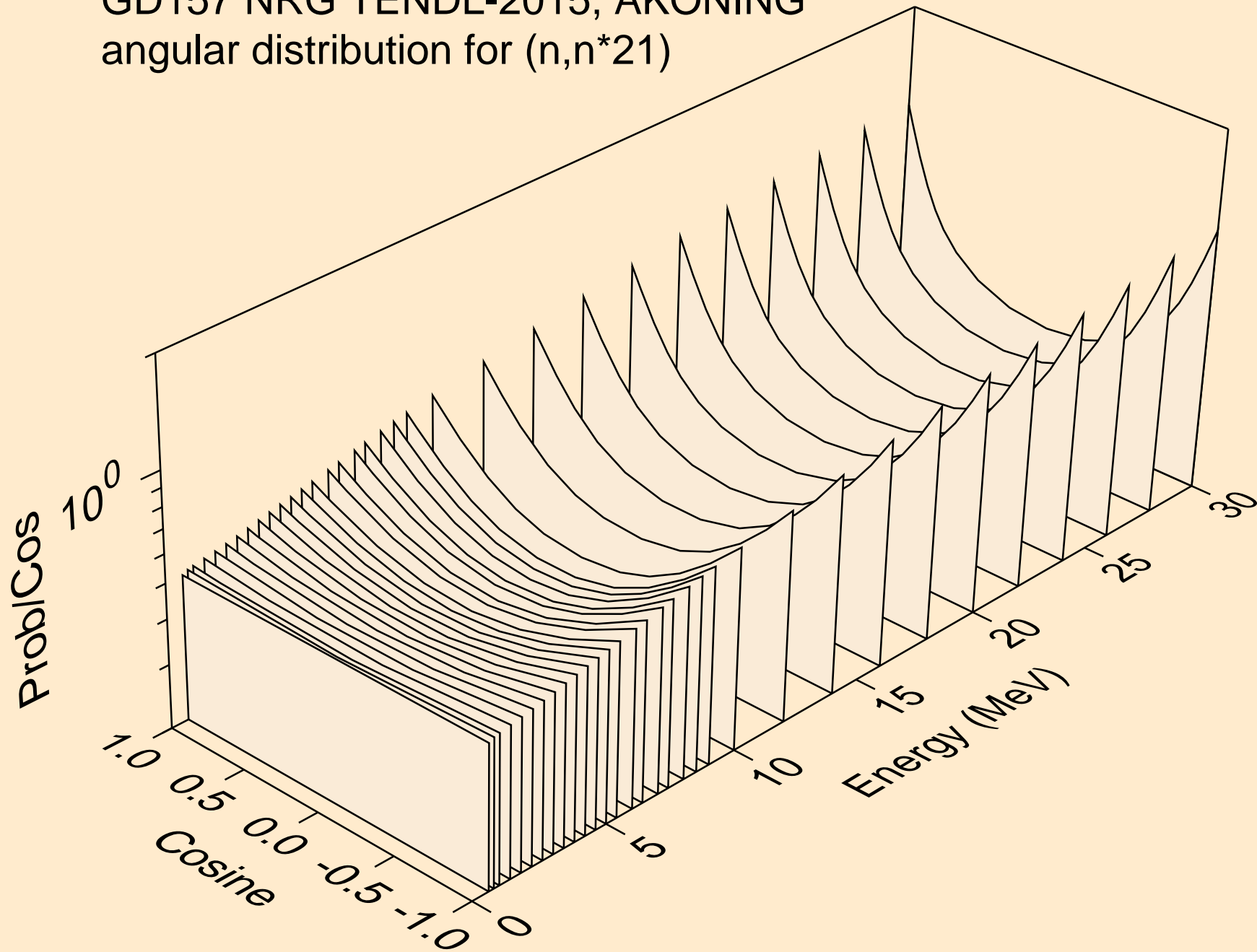
GD157 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



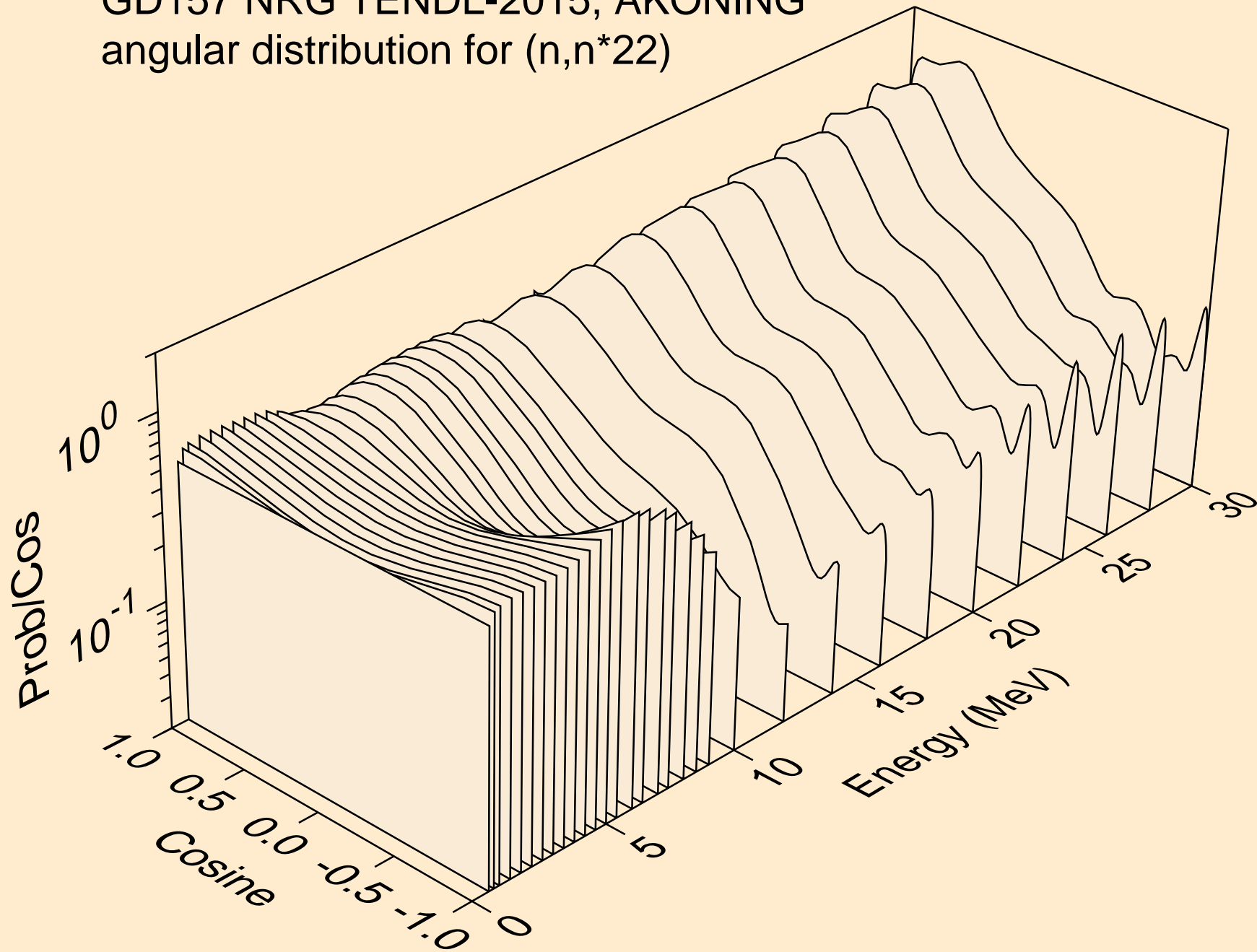
GD157 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



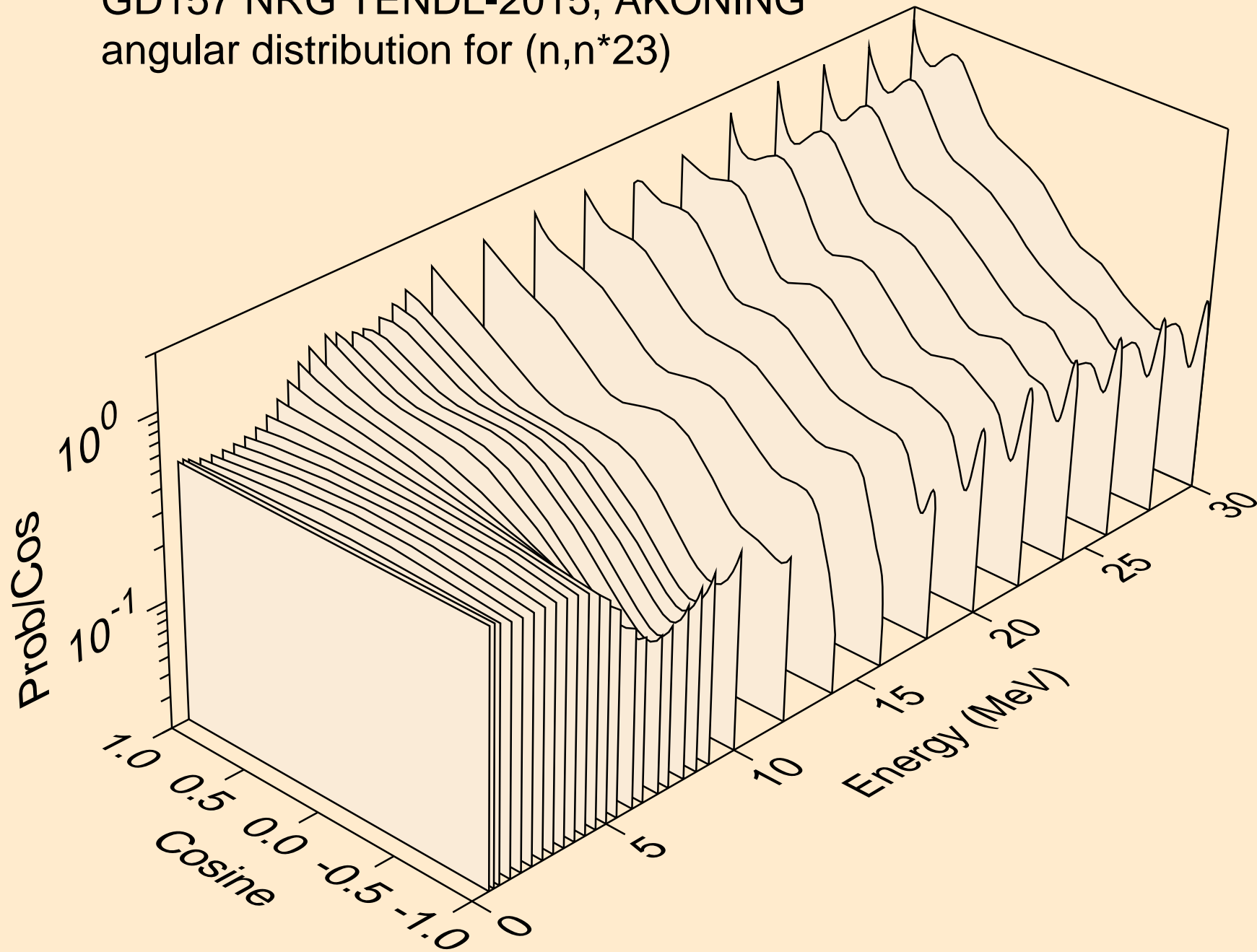
GD157 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



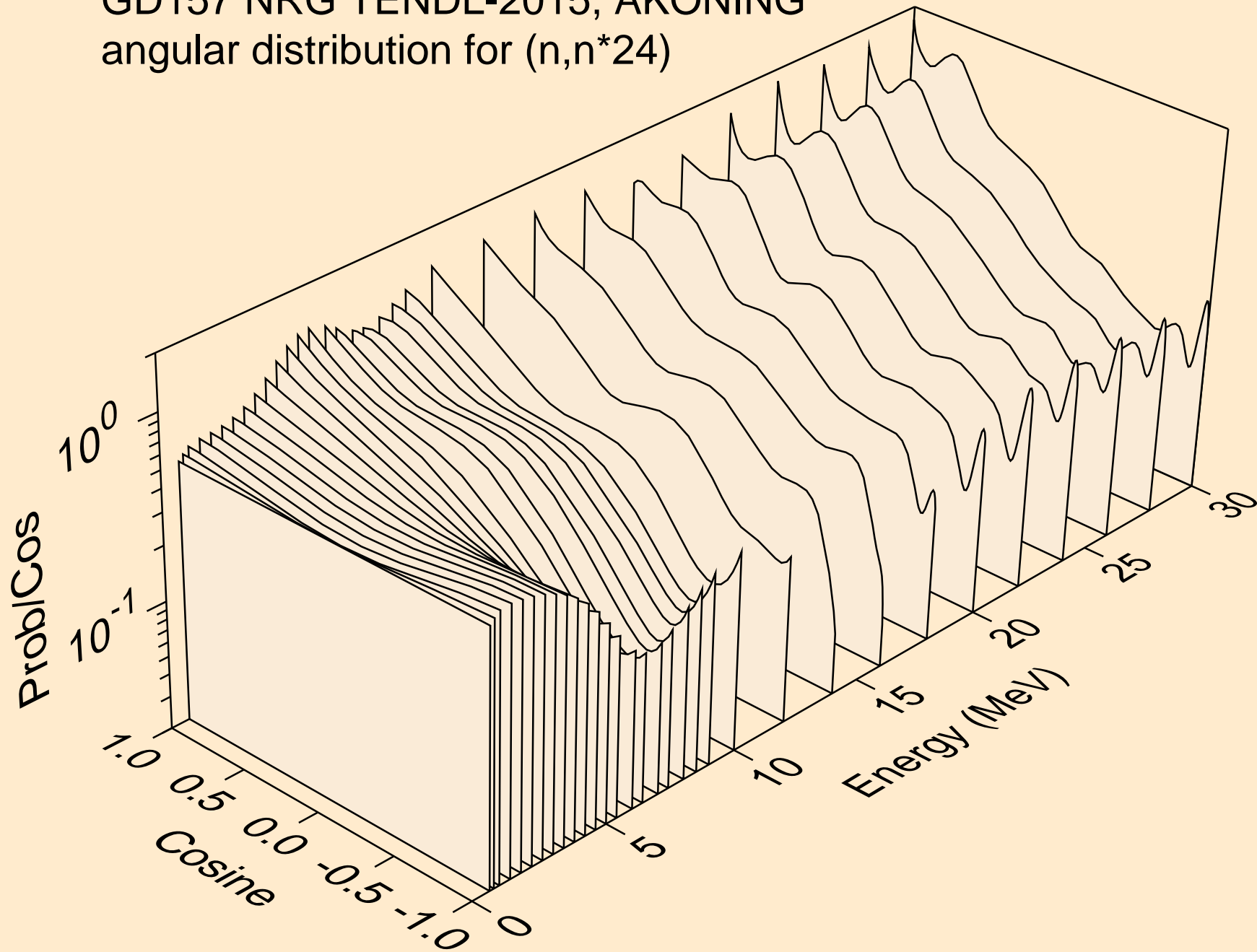
GD157 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



GD157 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)

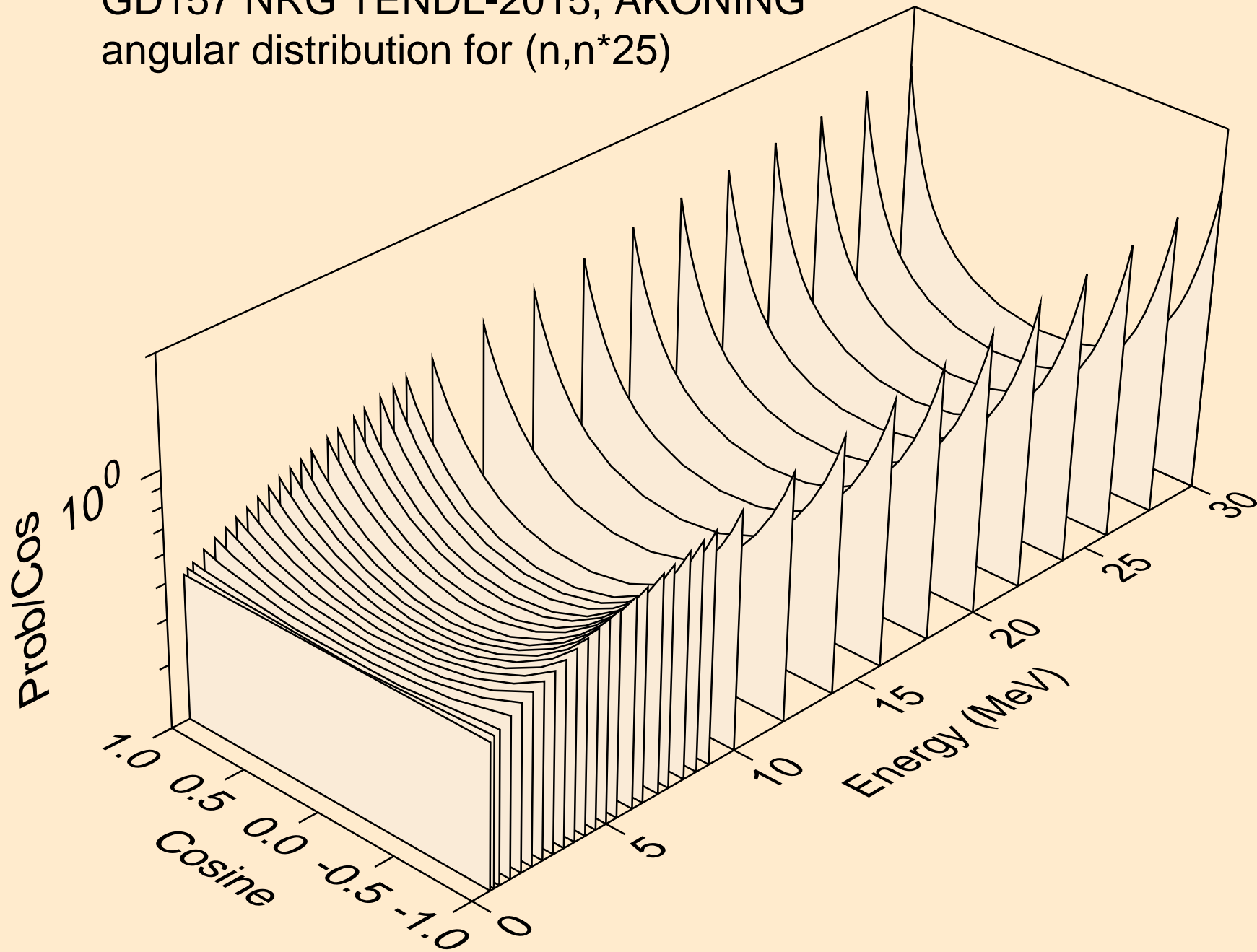


GD157 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)

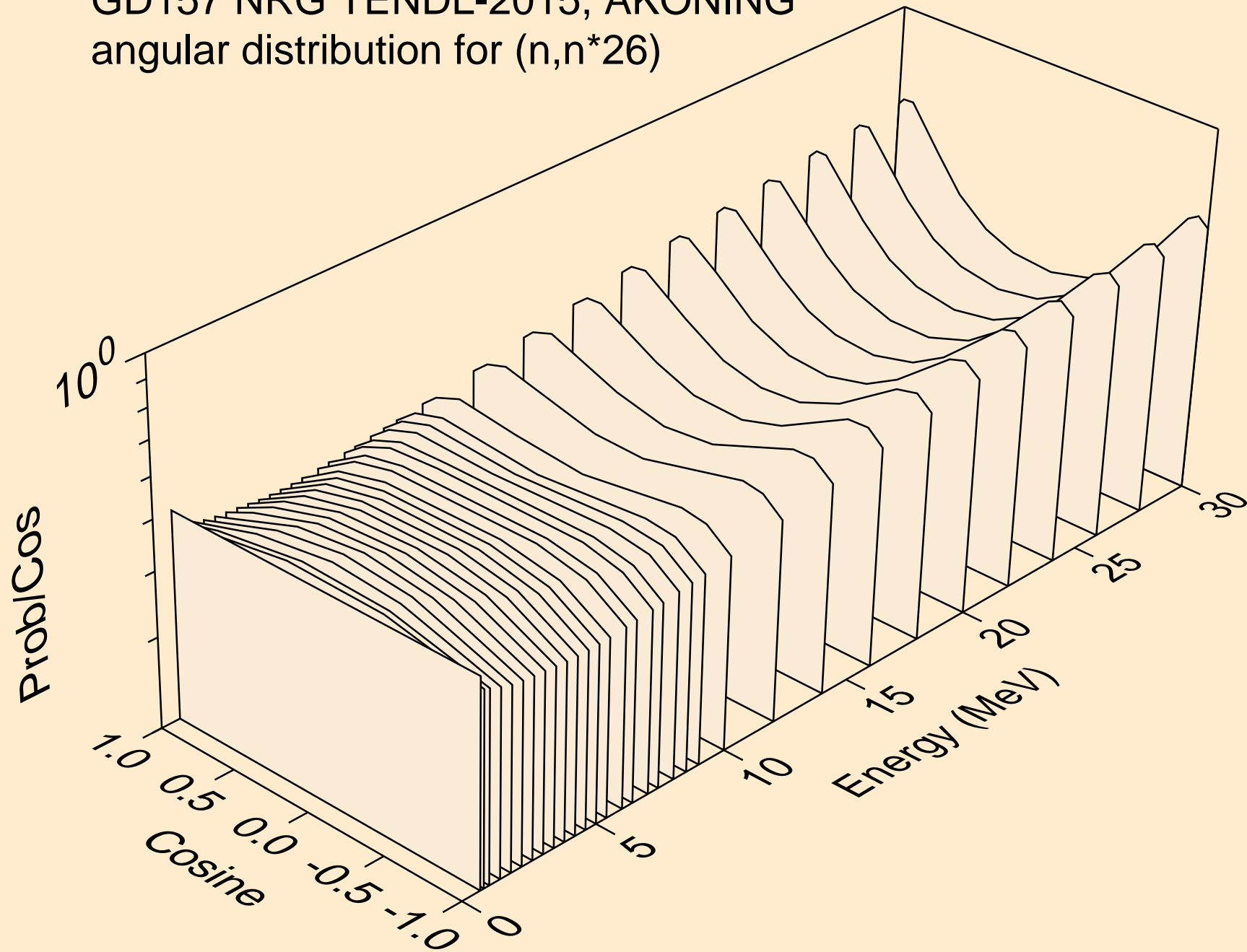




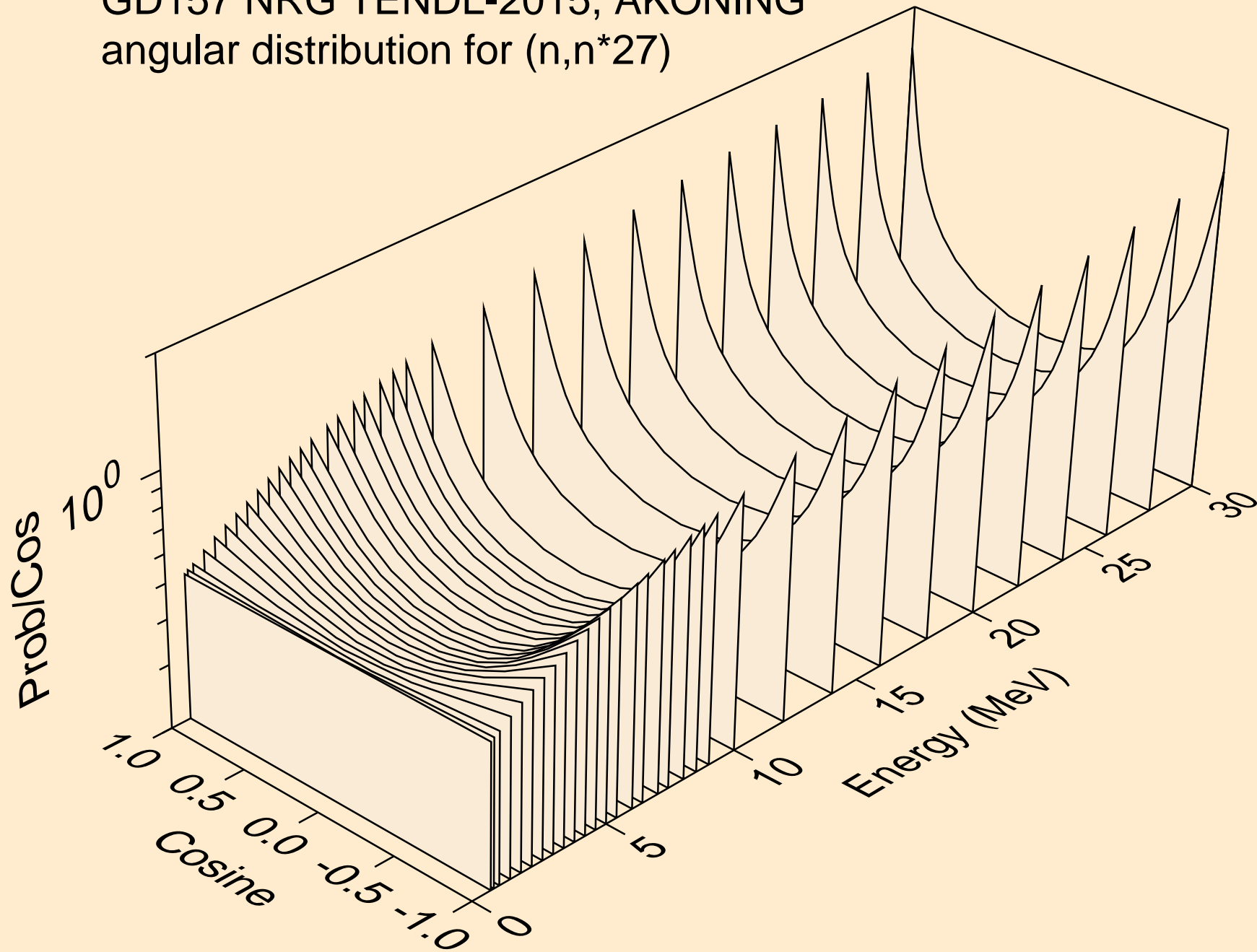
GD157 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



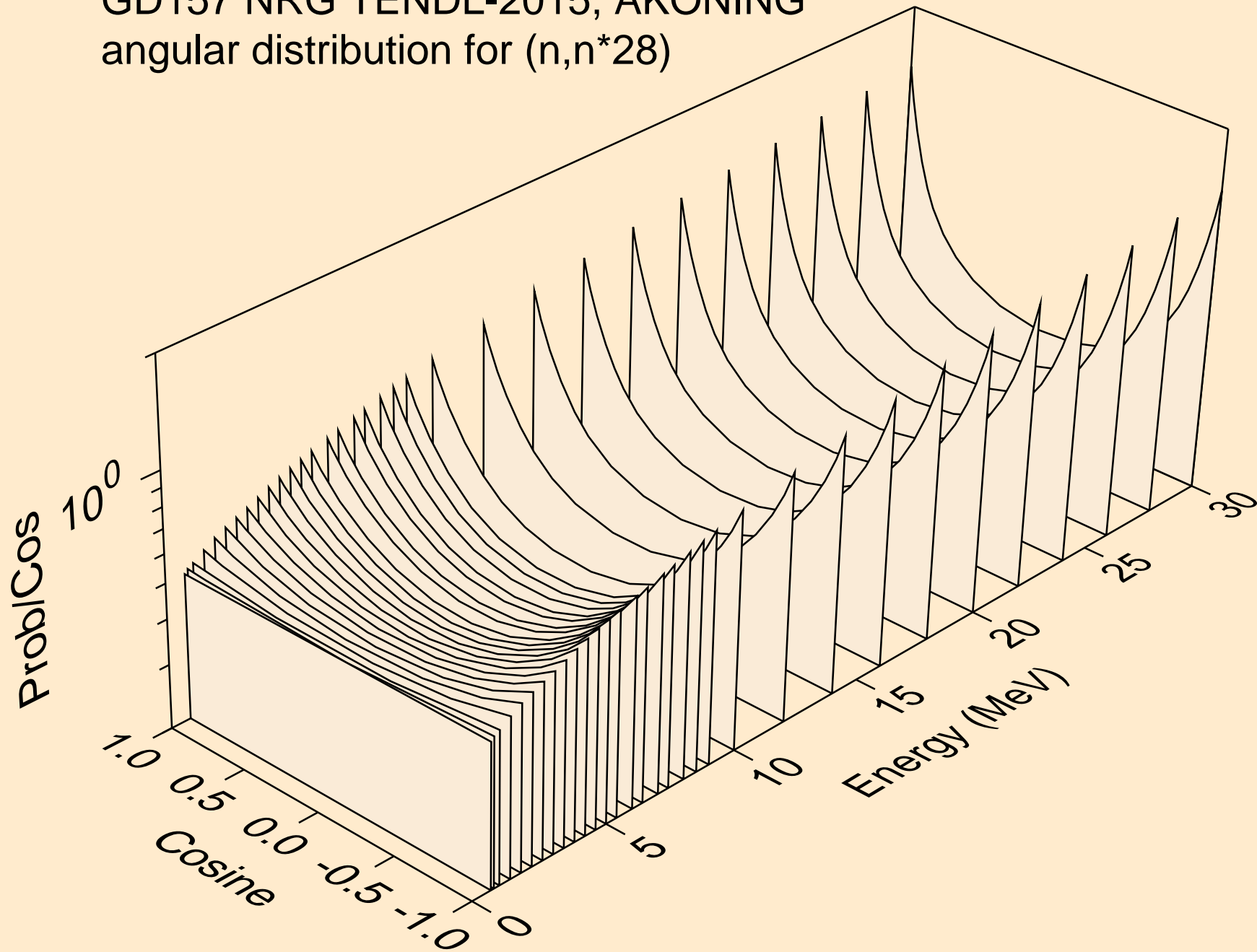
GD157 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



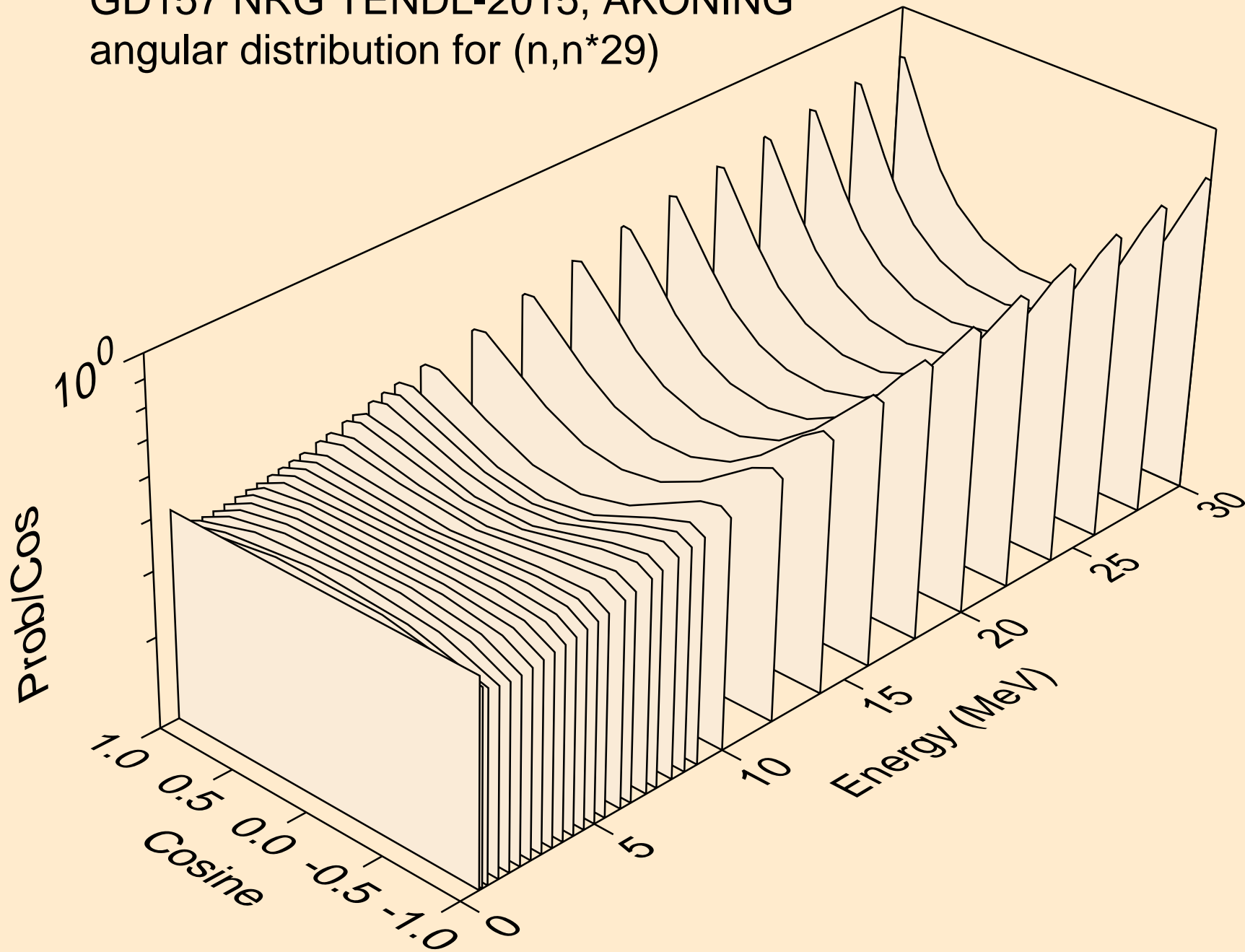
GD157 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



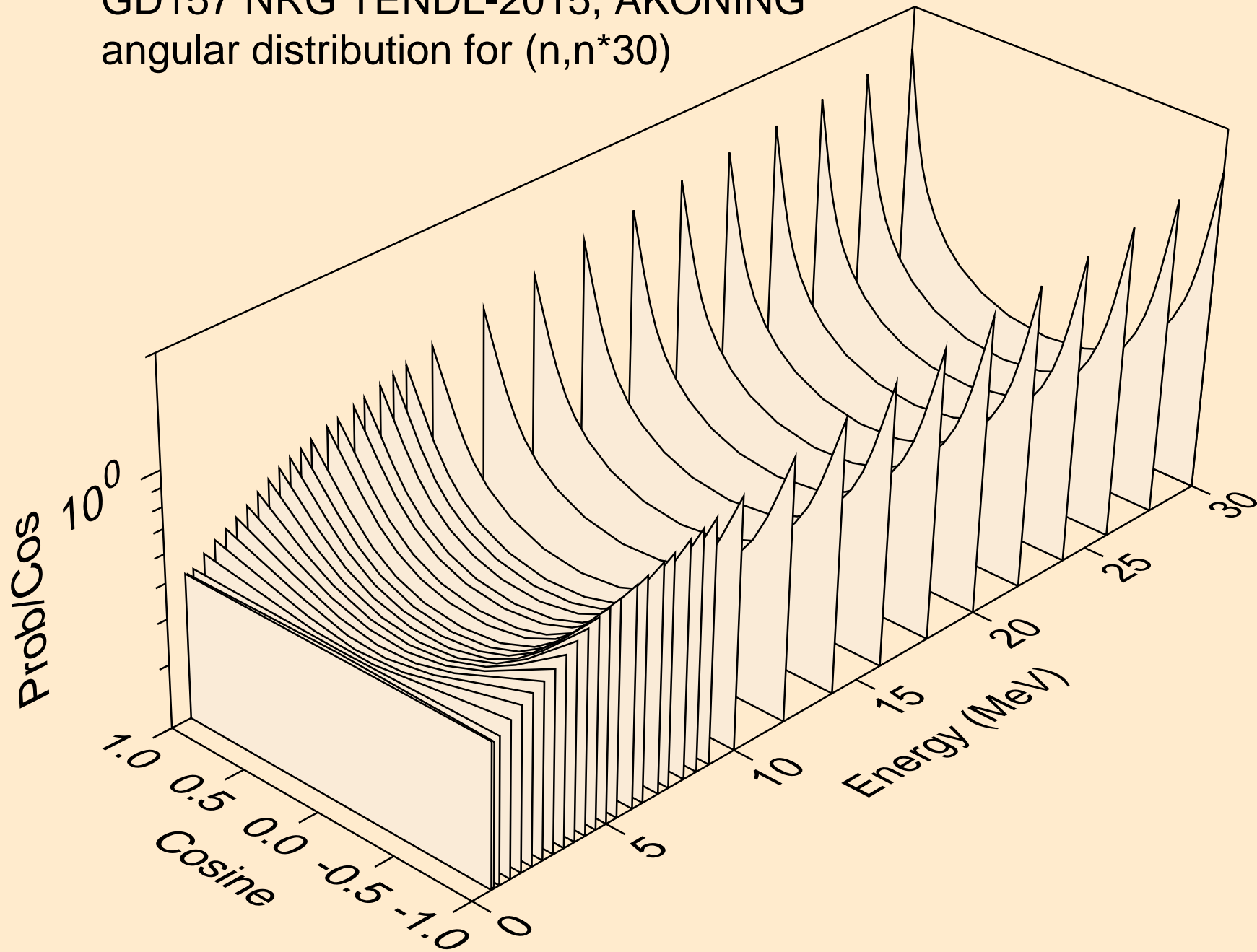
GD157 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



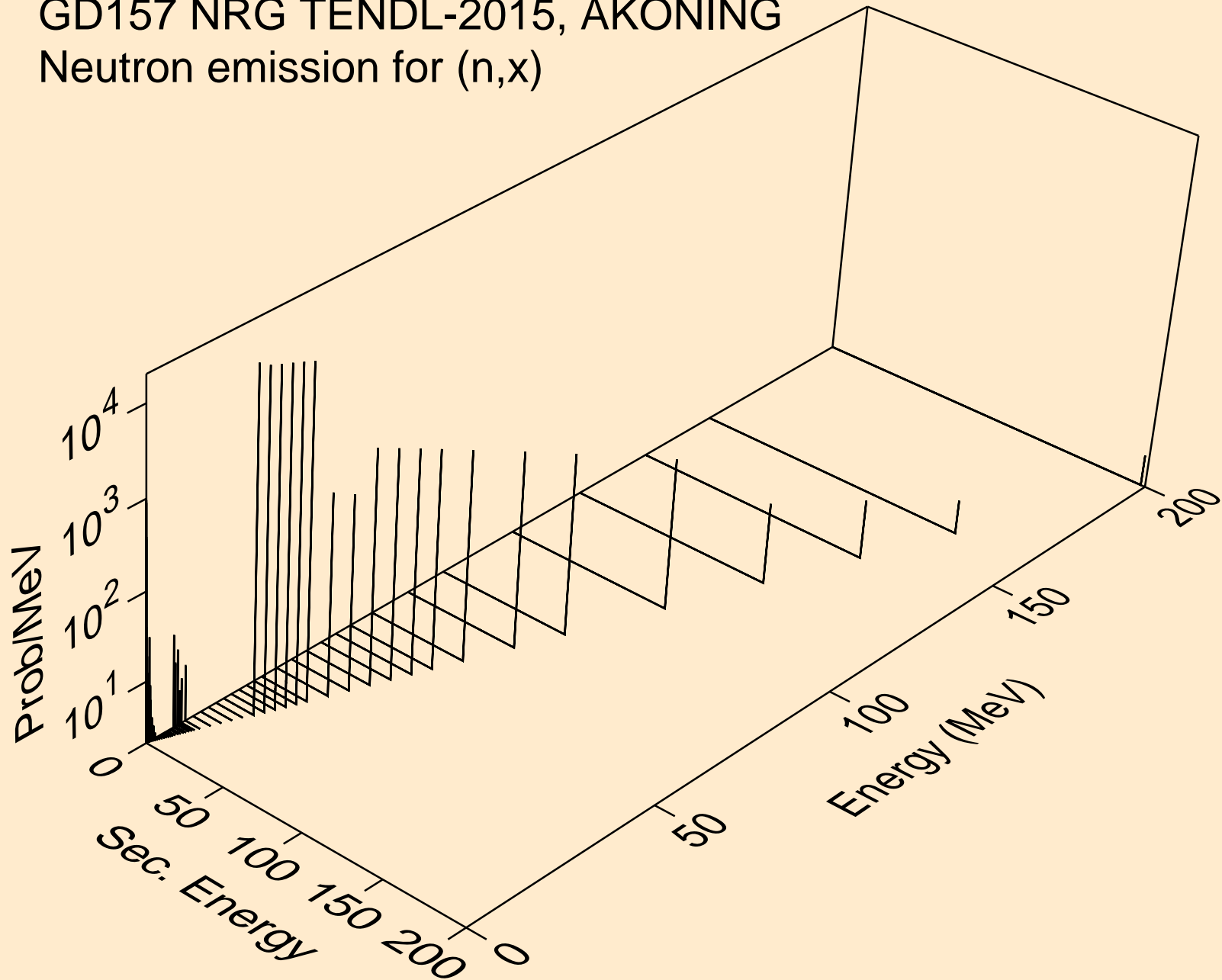
GD157 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)



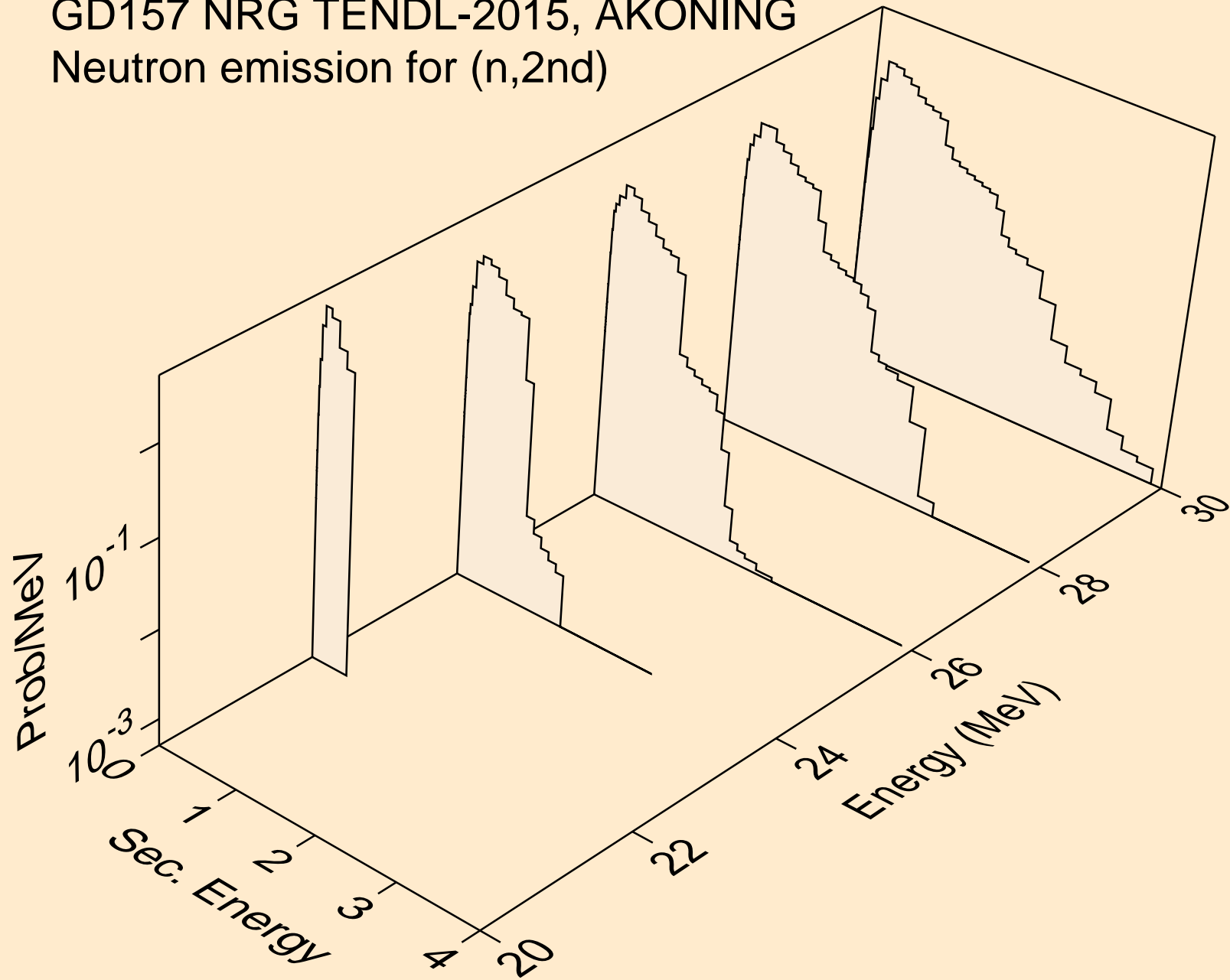
GD157 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)



GD157 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

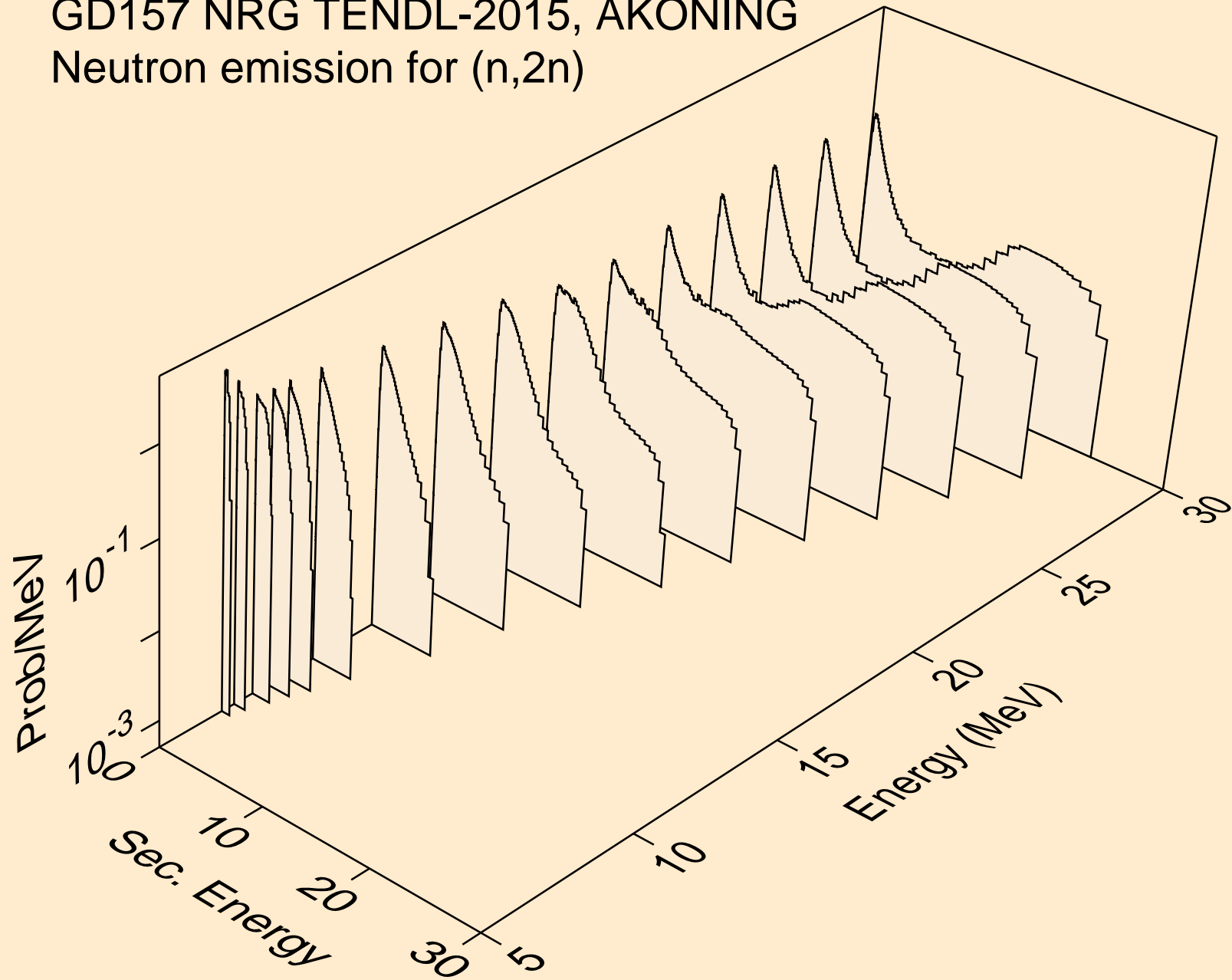


GD157 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)

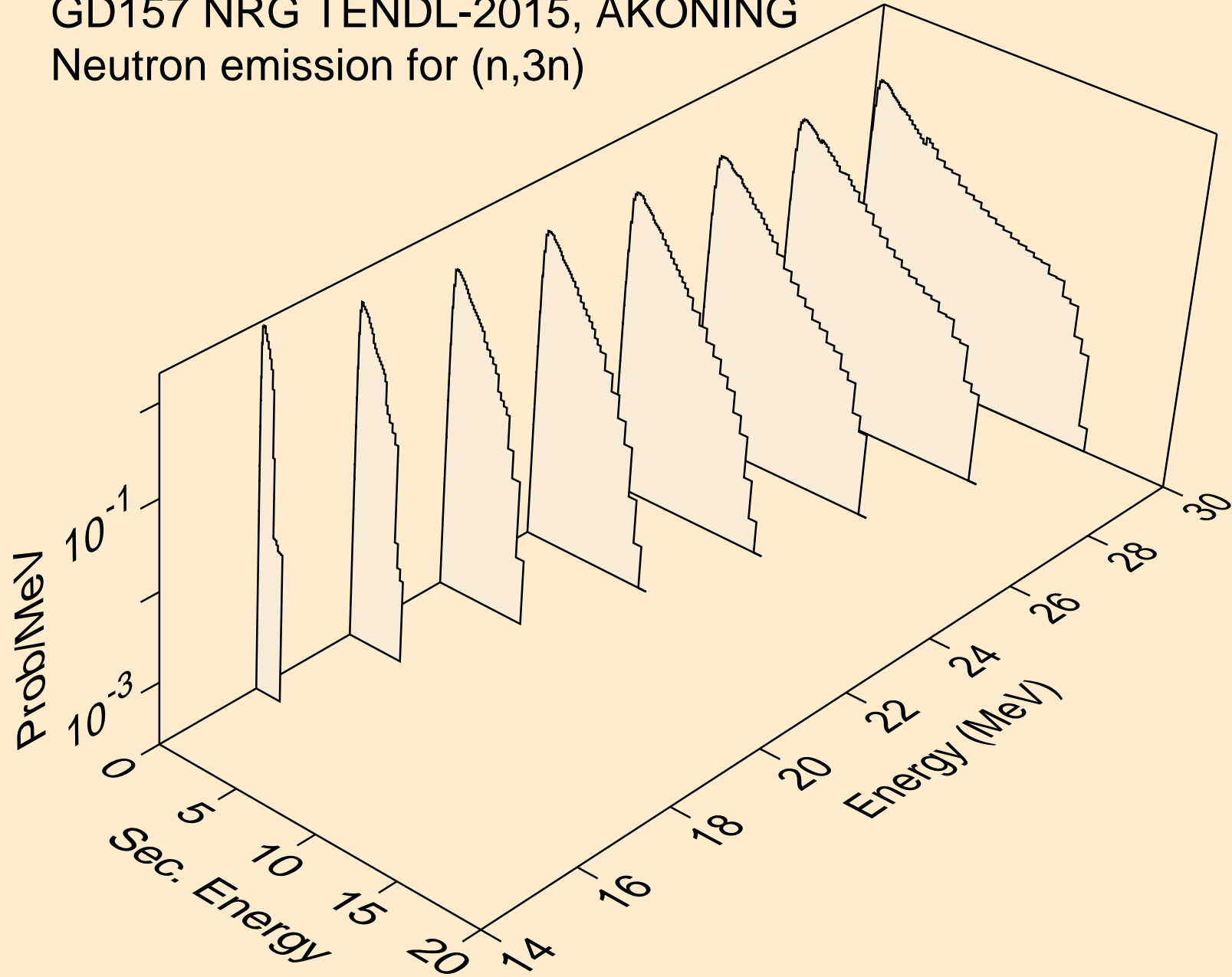




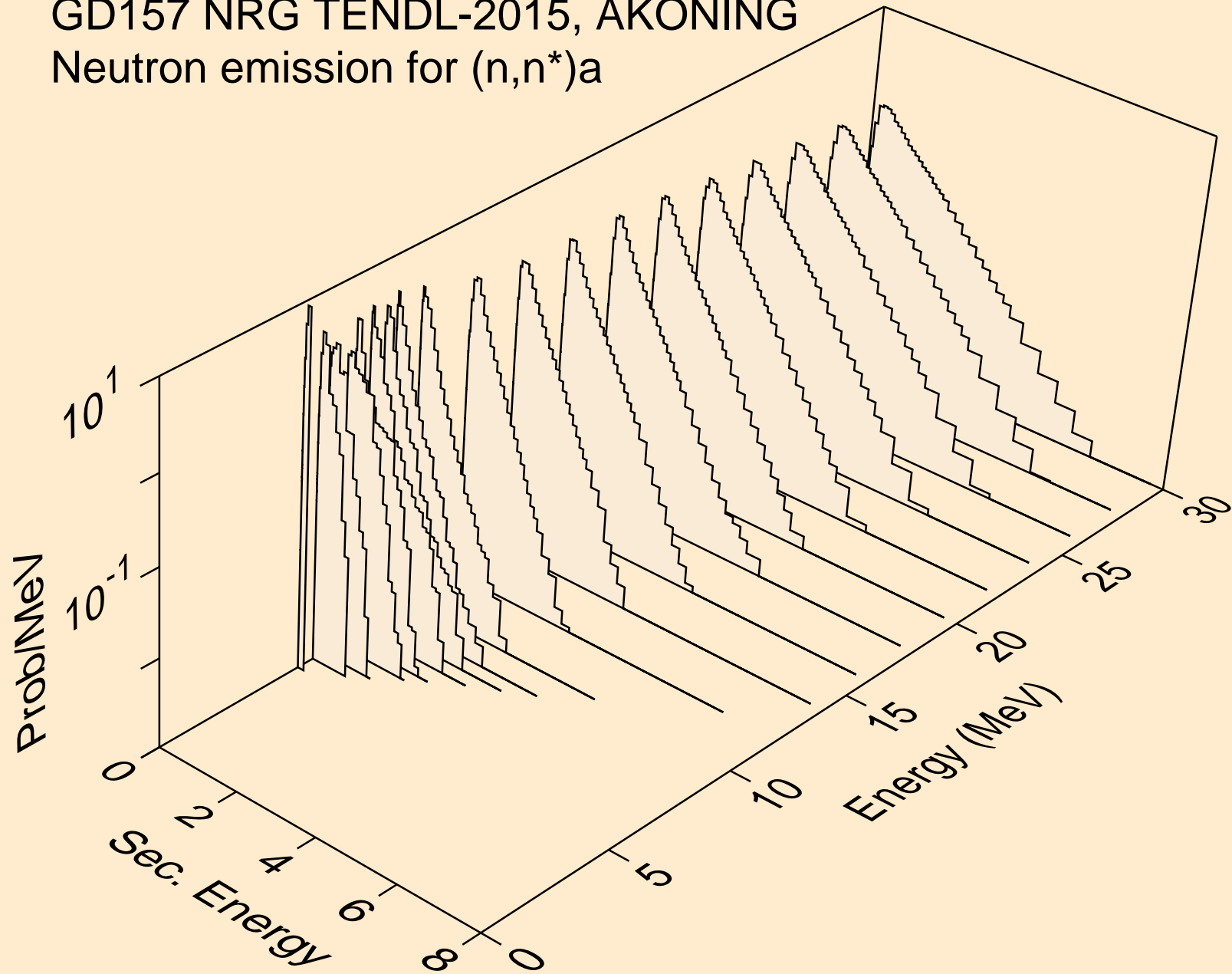
GD157 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



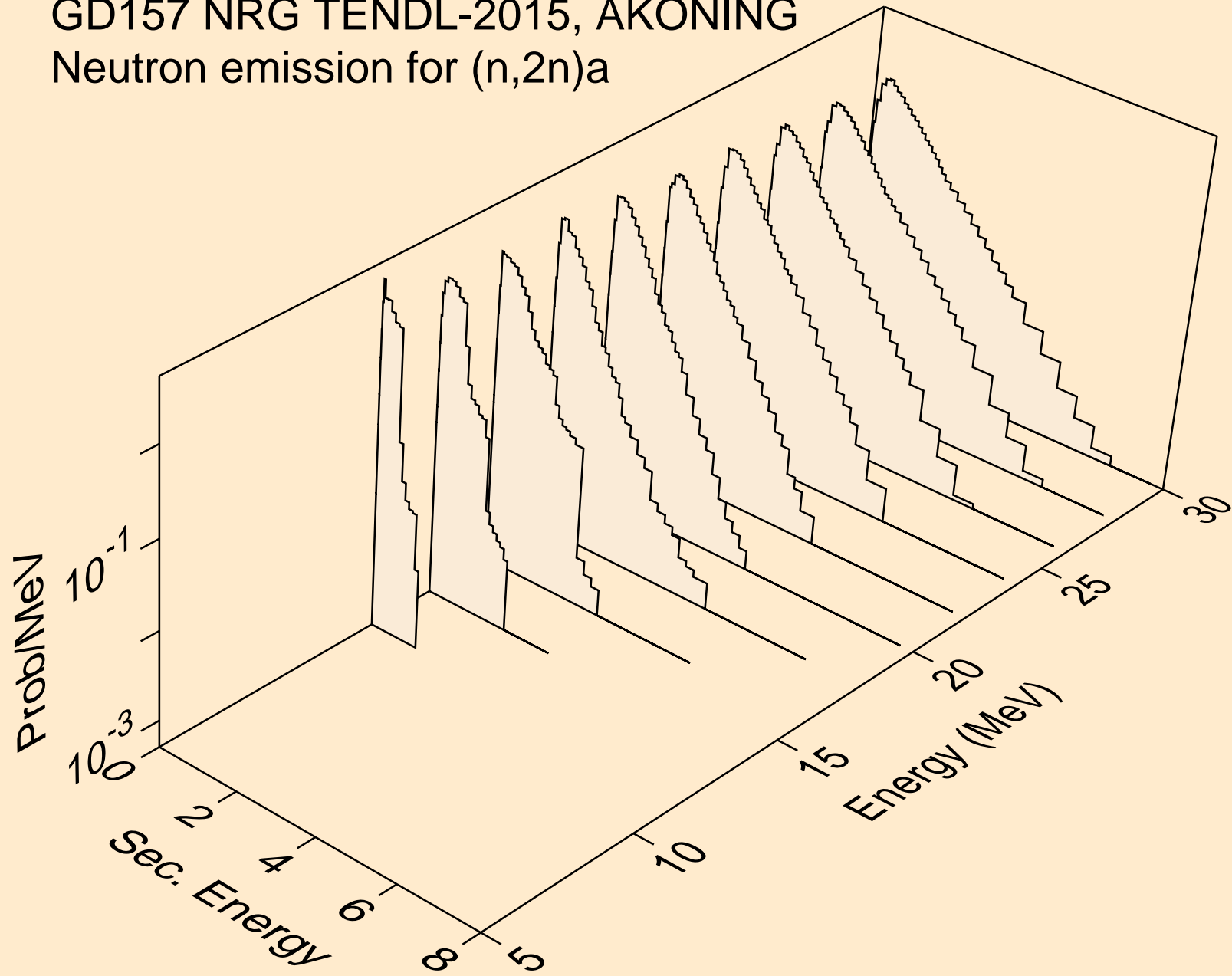
GD157 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



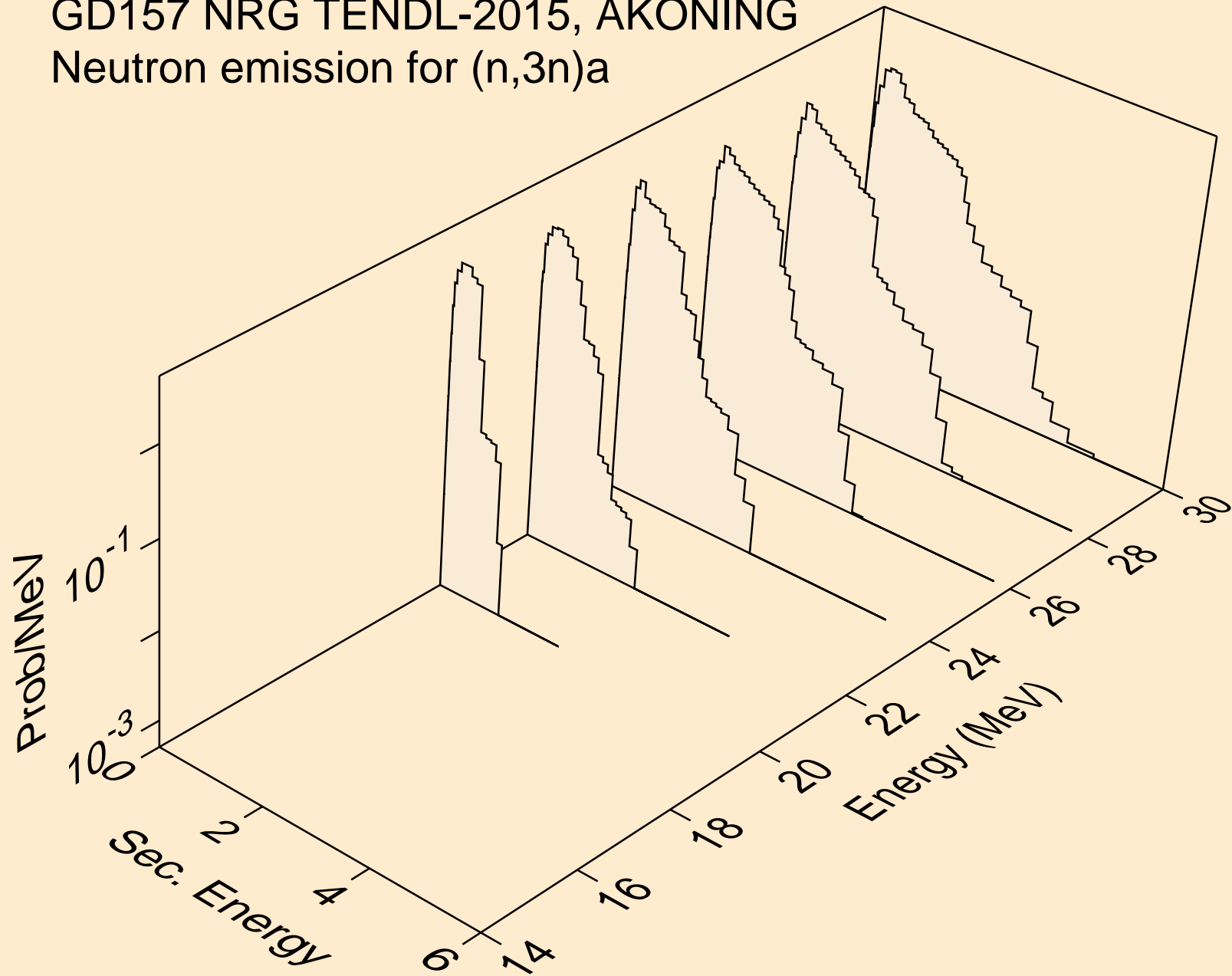
GD157 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



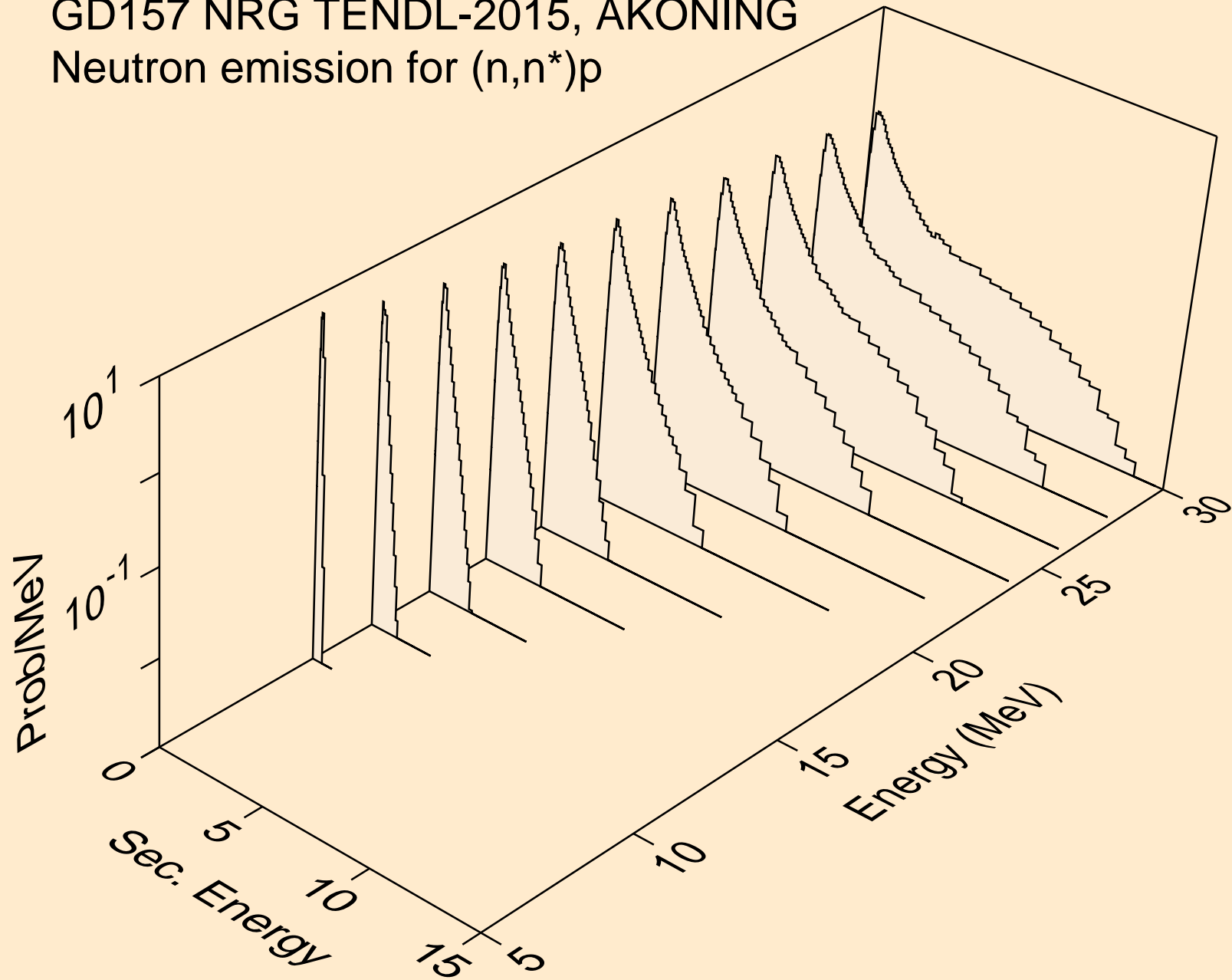
GD157 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



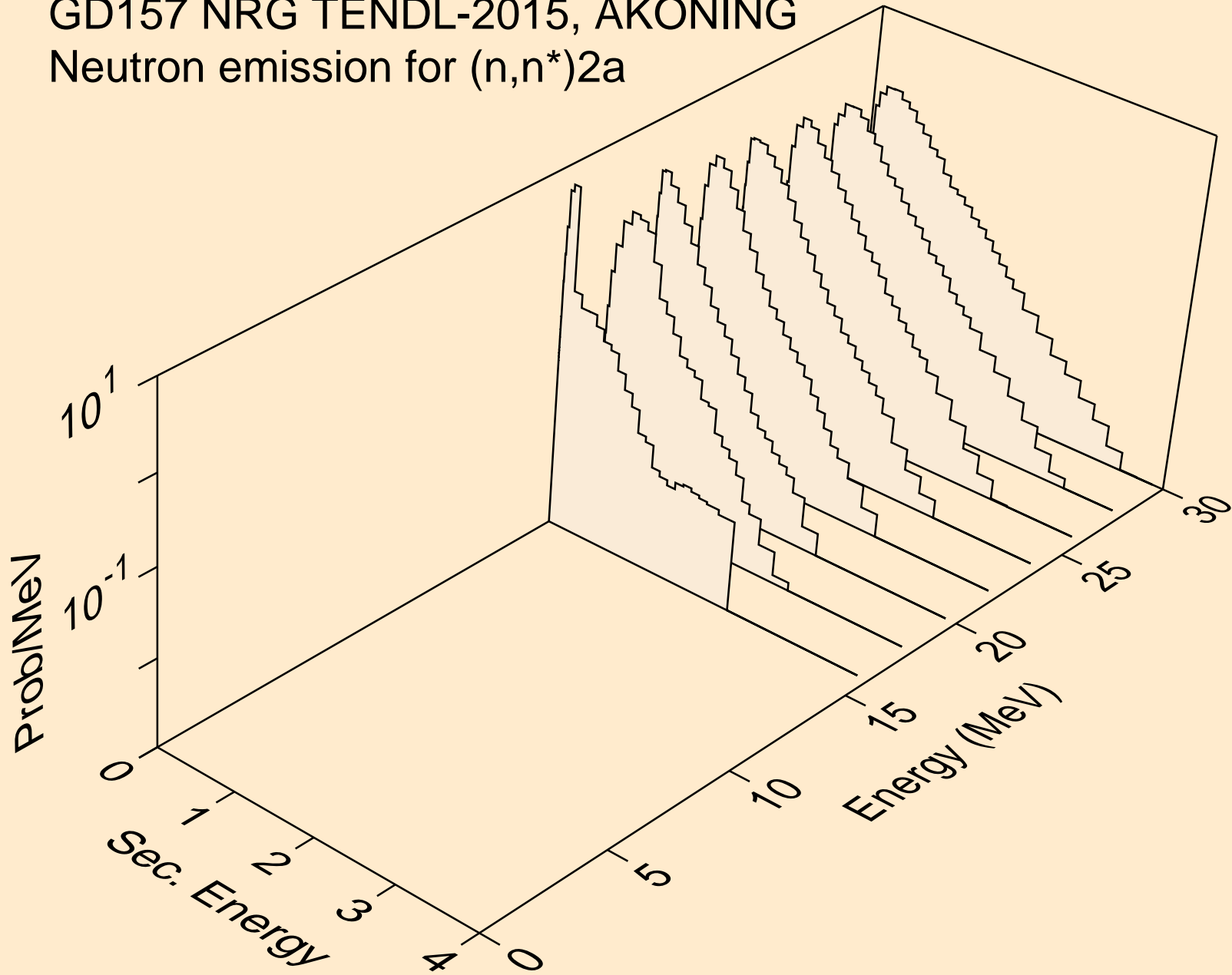
GD157 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



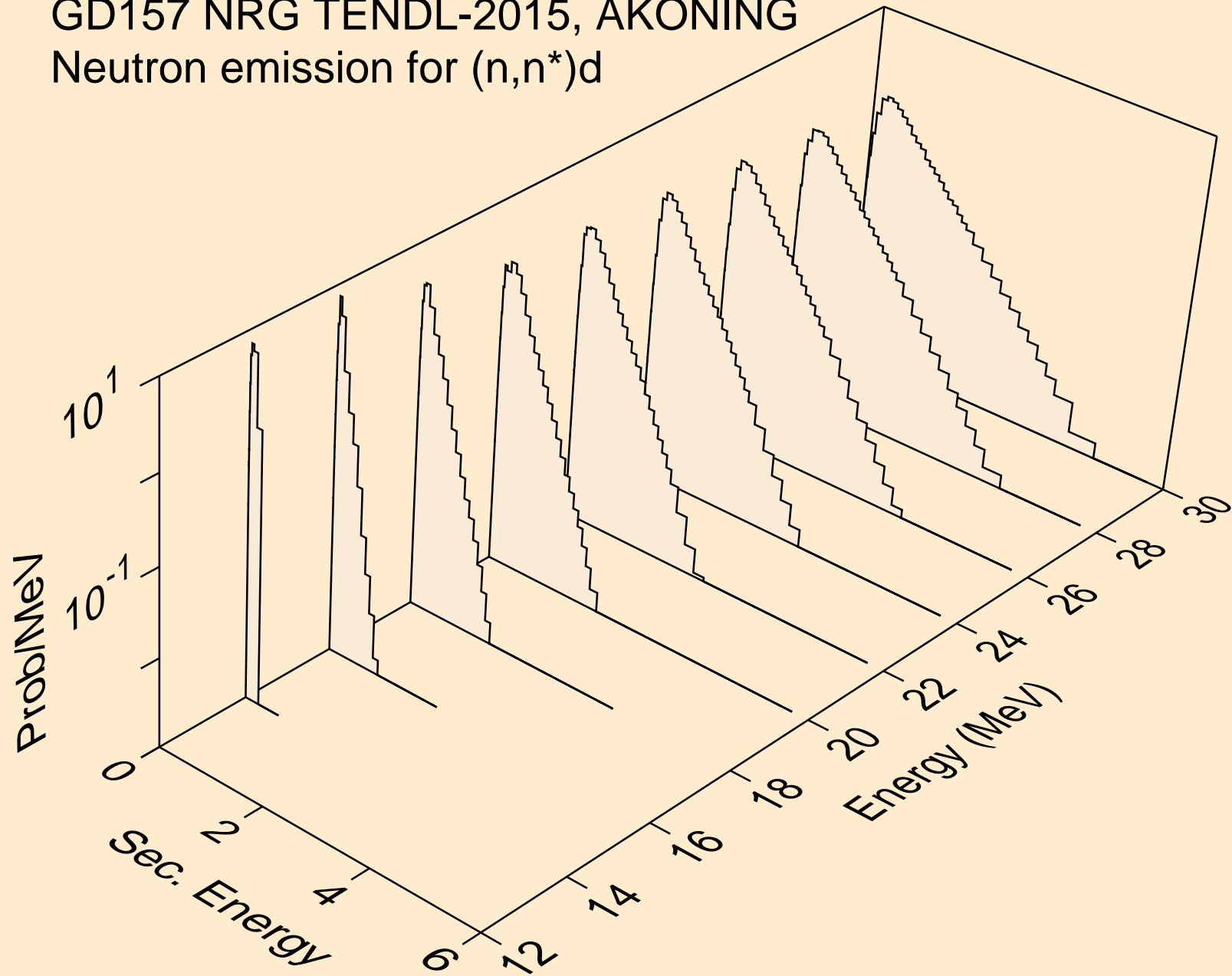
GD157 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



GD157 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a

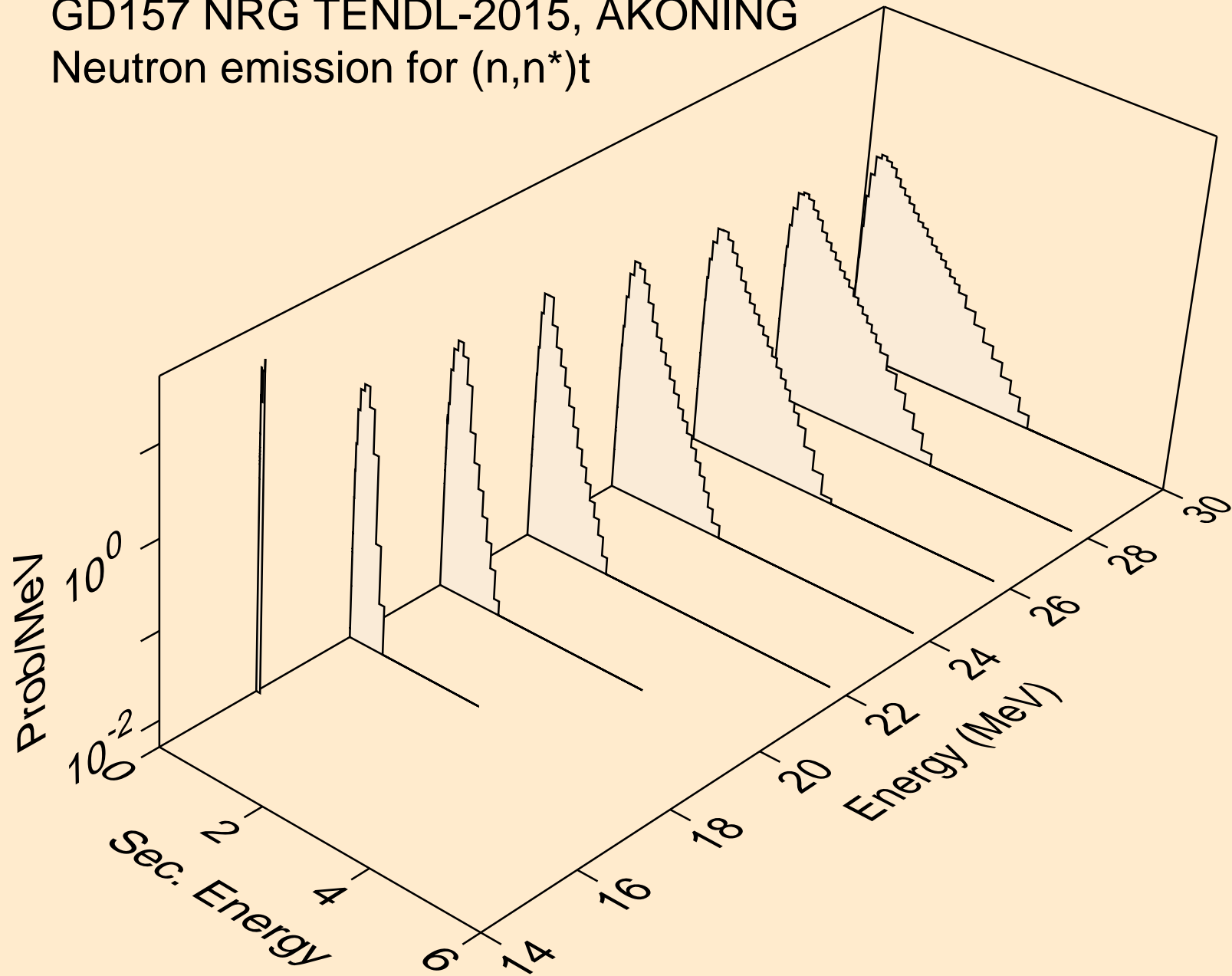


GD157 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d

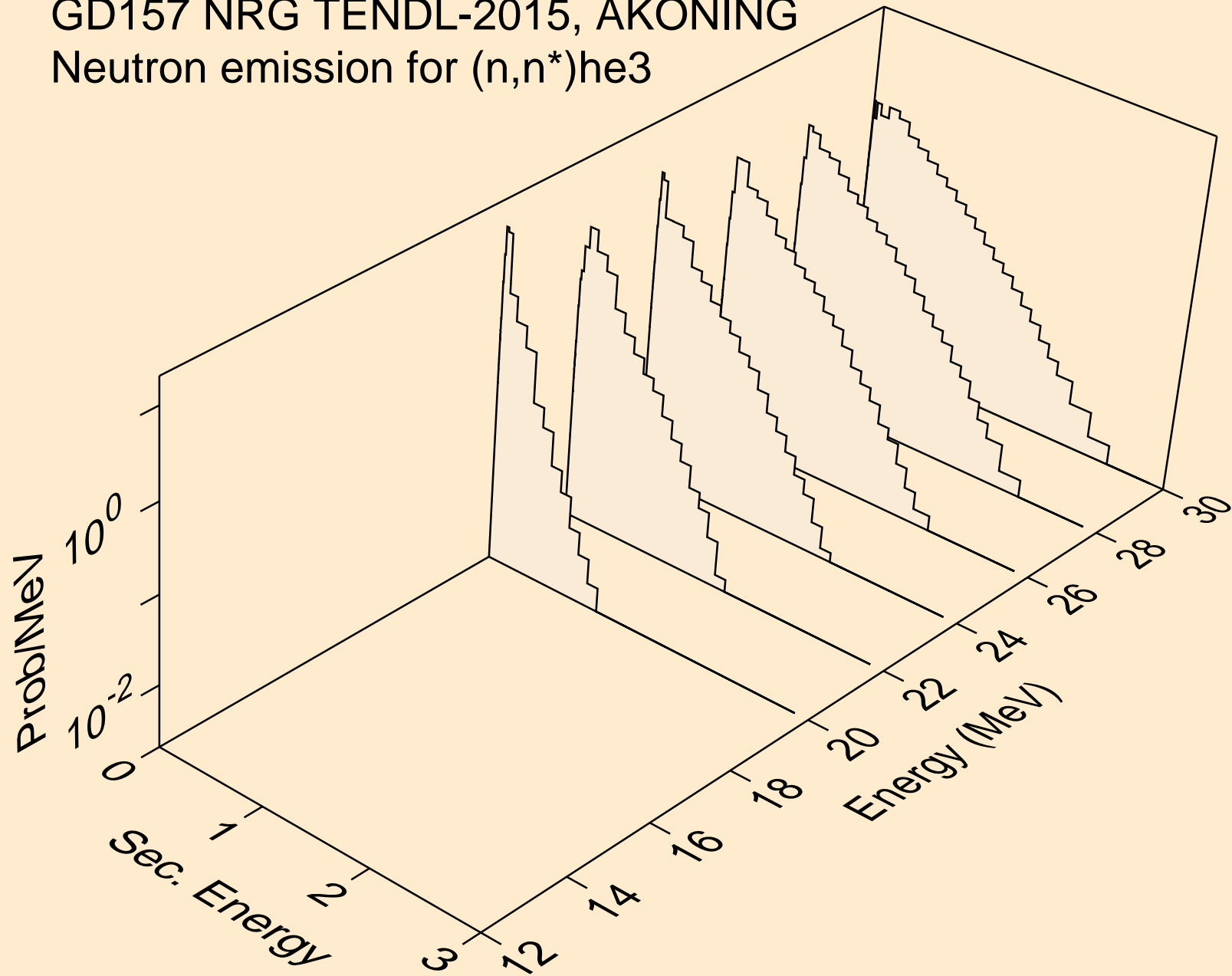




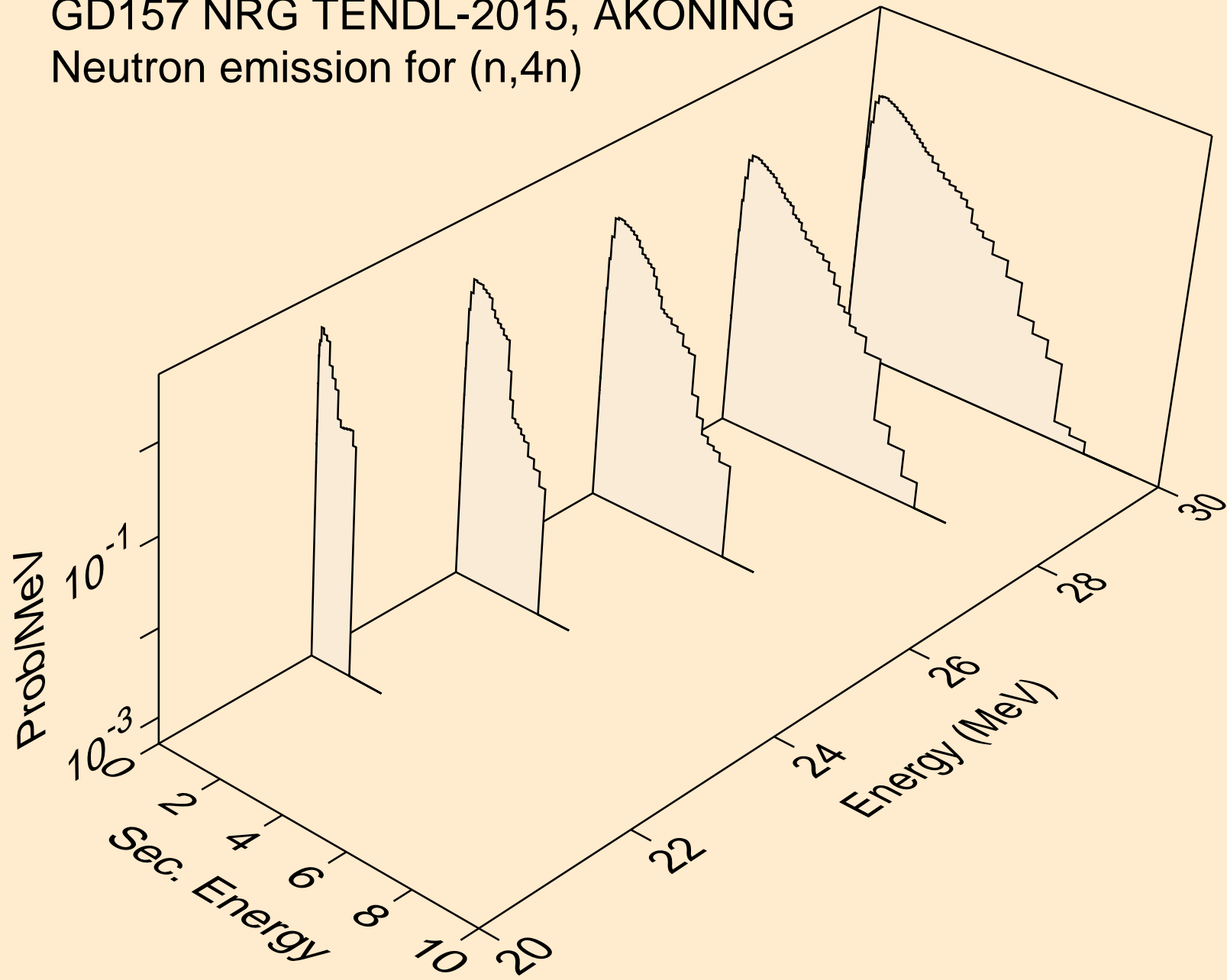
GD157 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



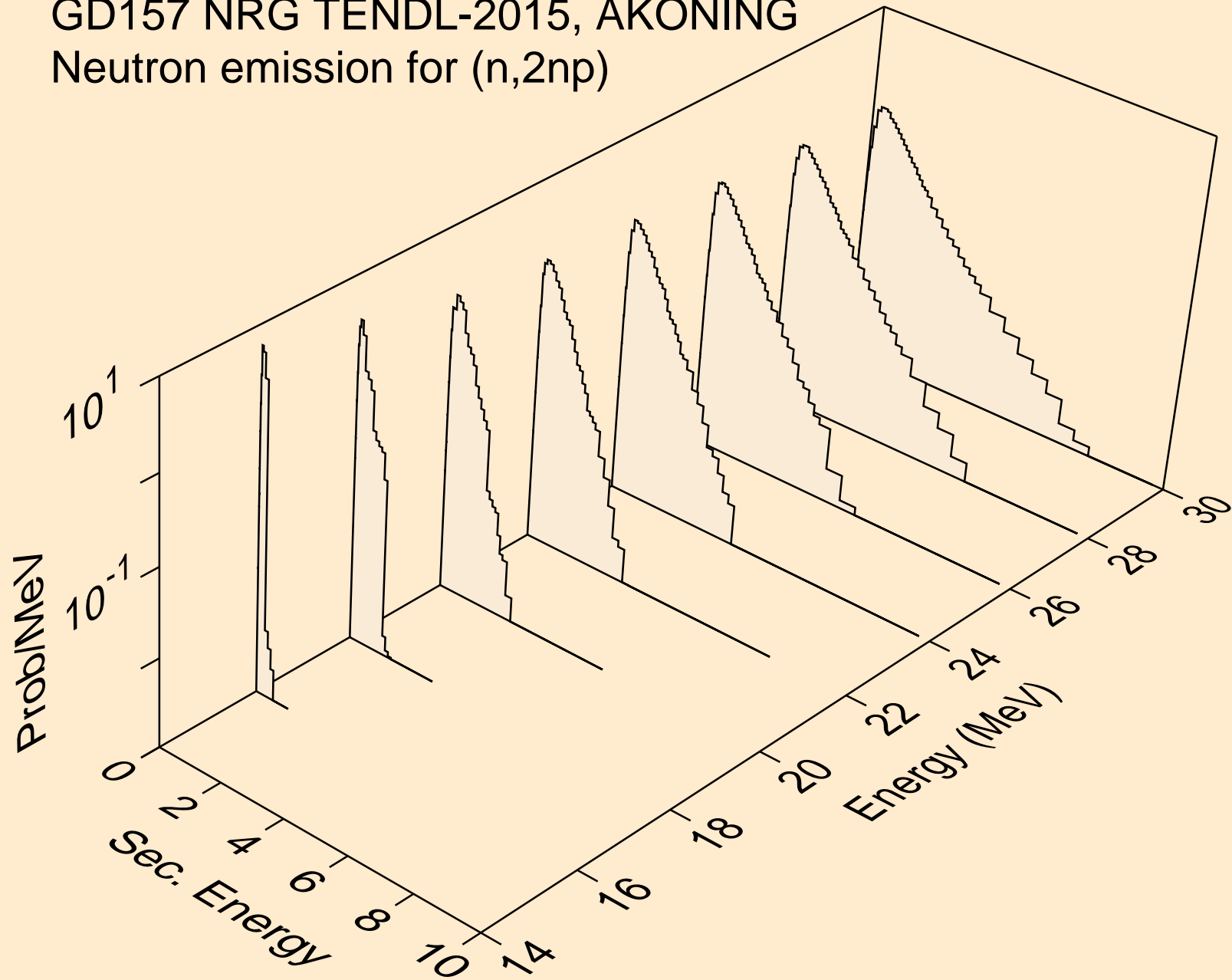
GD157 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



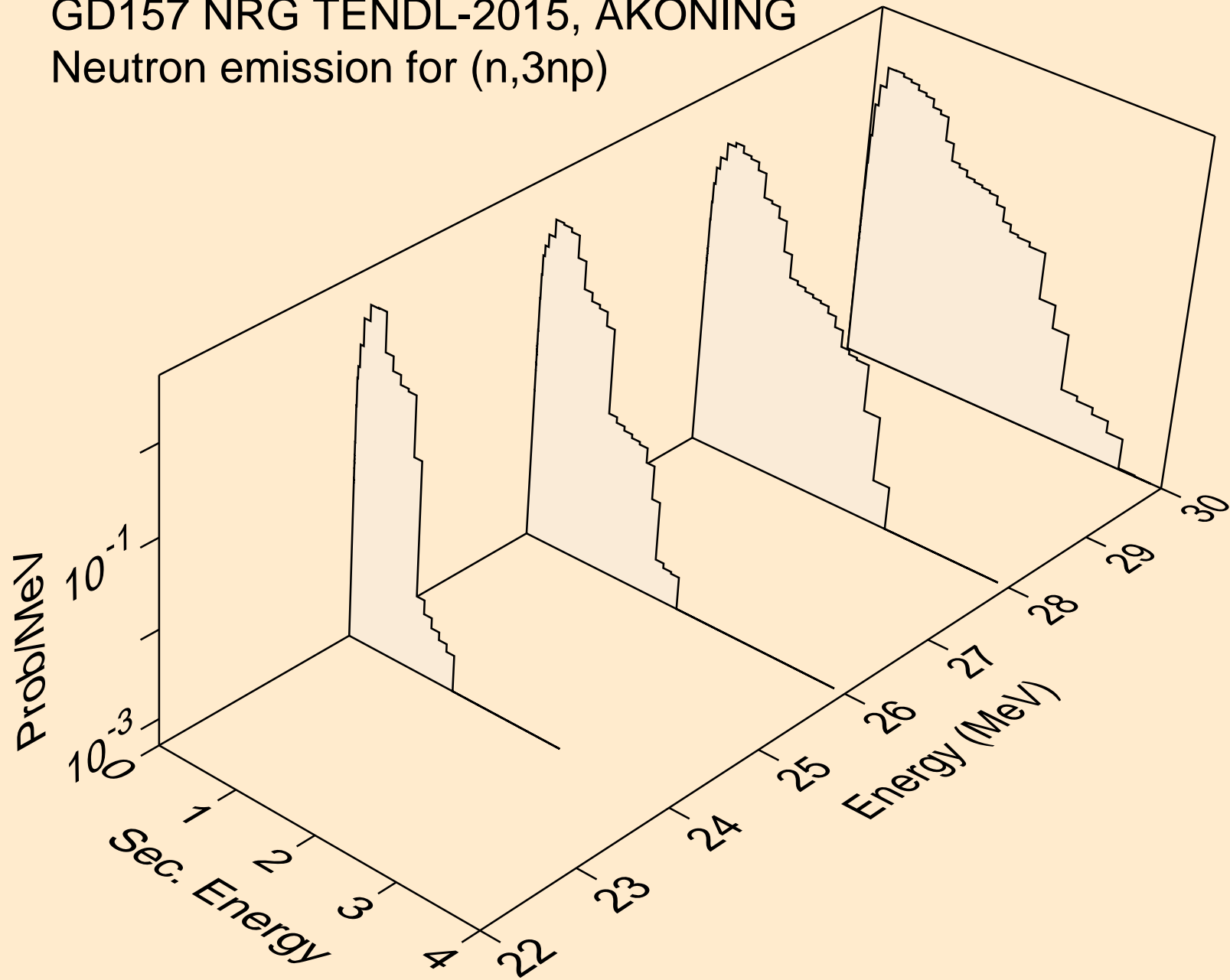
GD157 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



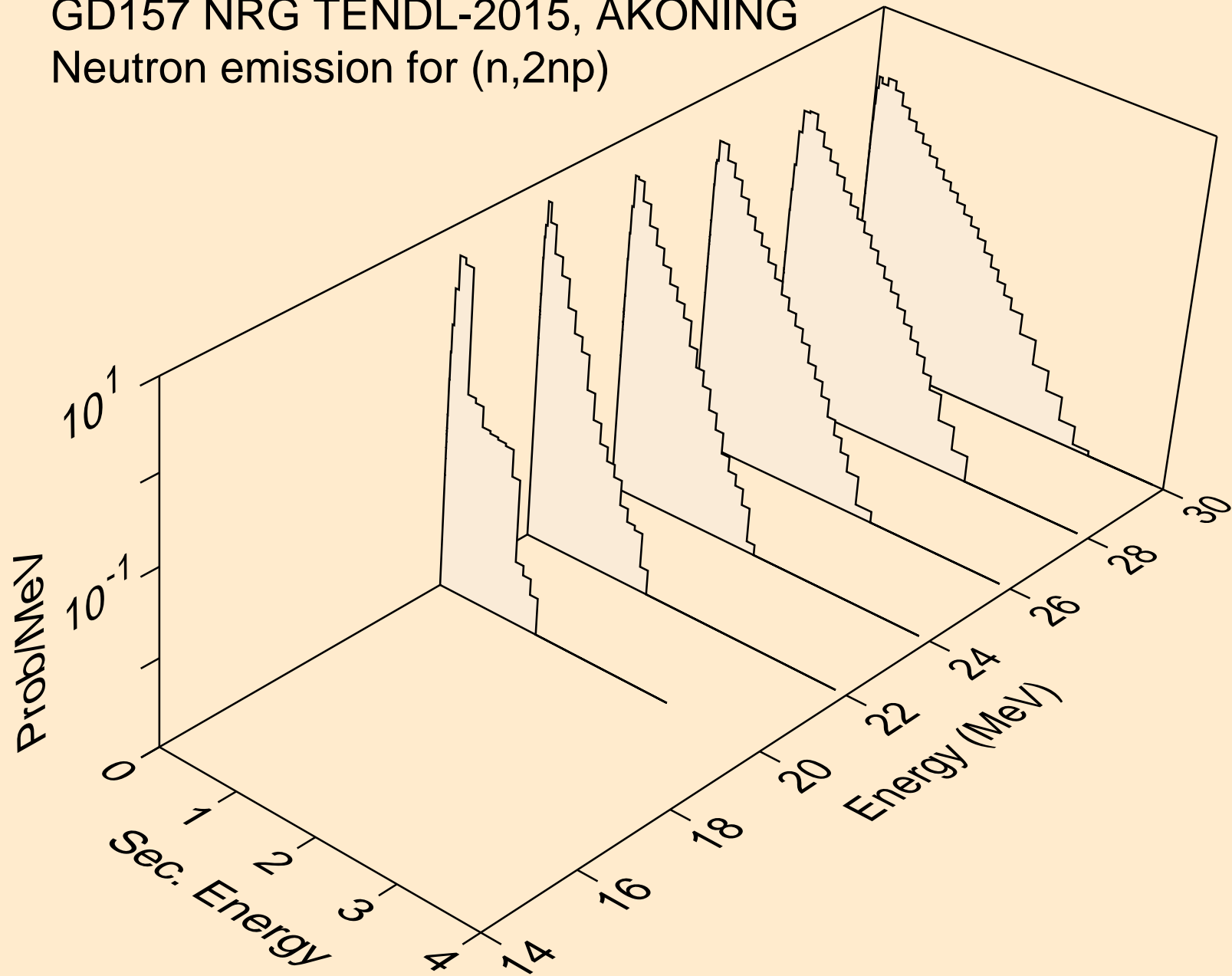
GD157 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



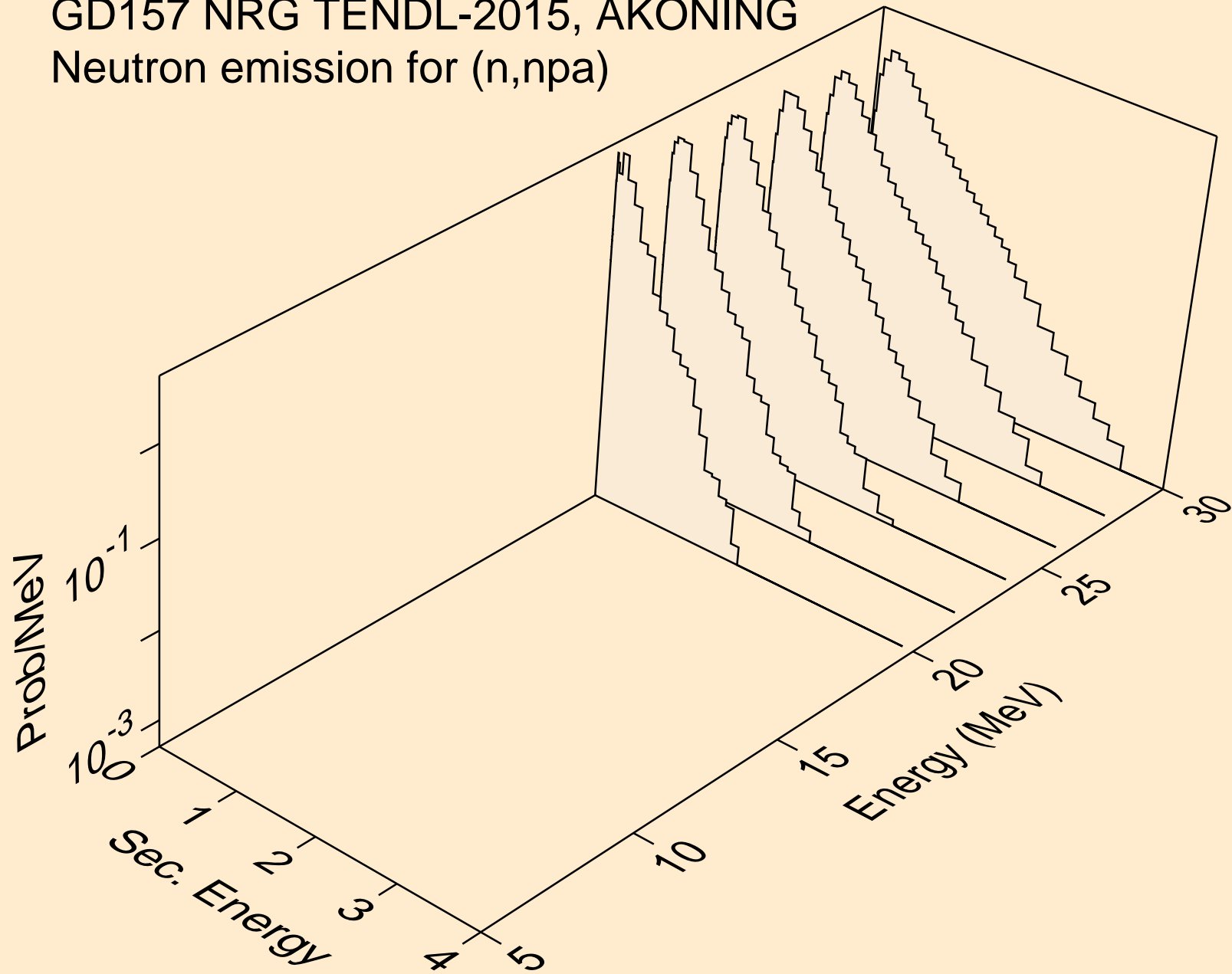
GD157 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



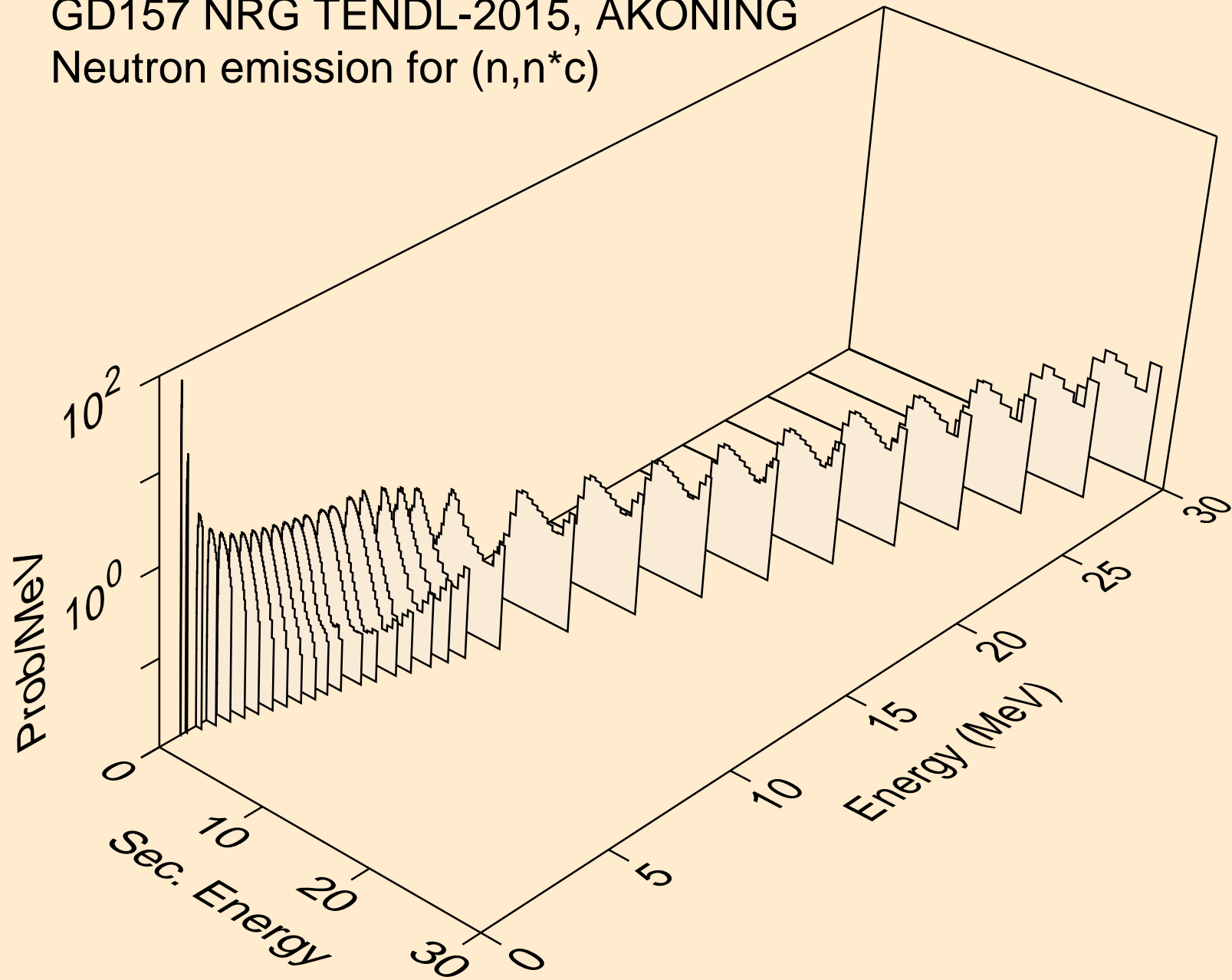
GD157 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



GD157 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

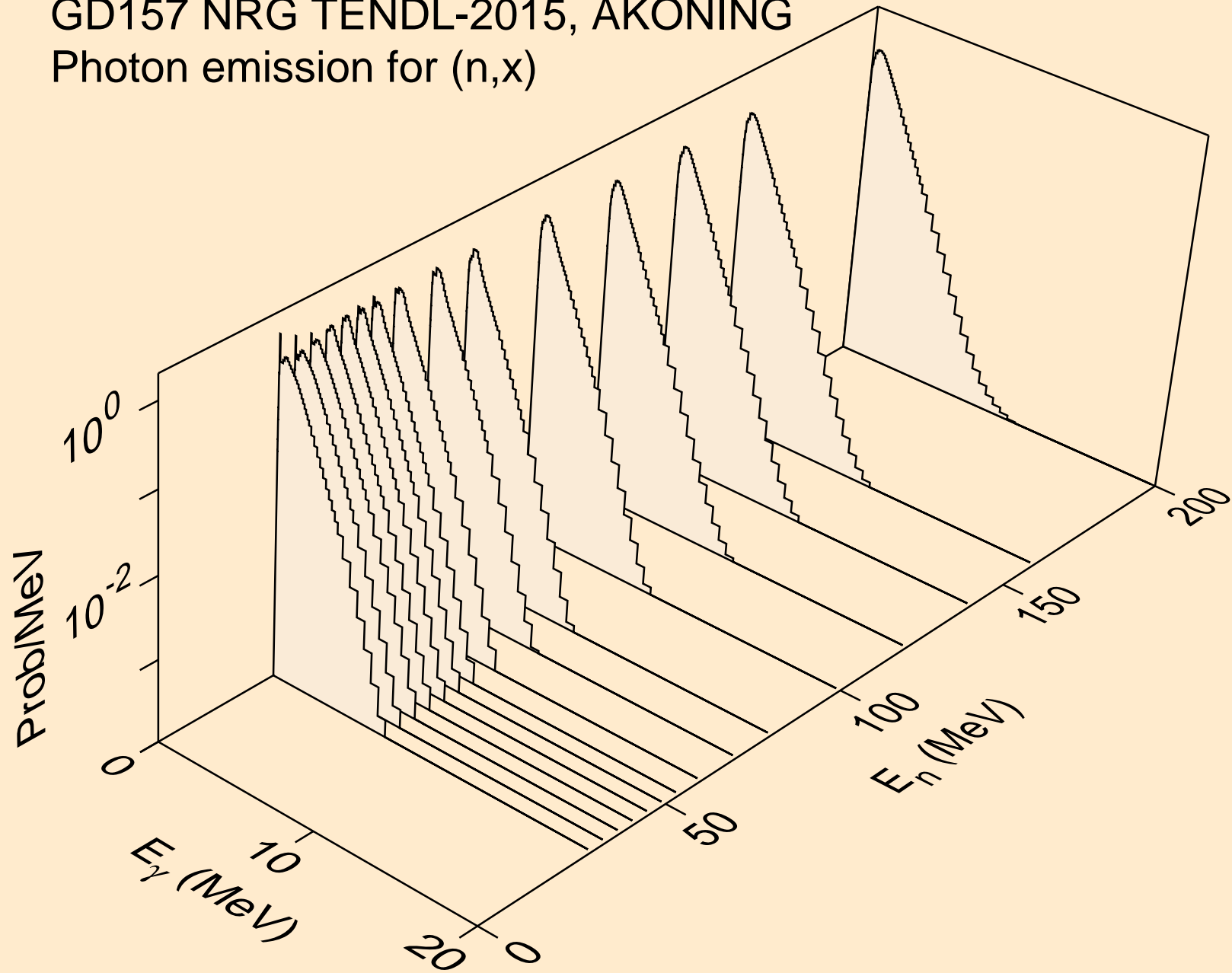


GD157 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)

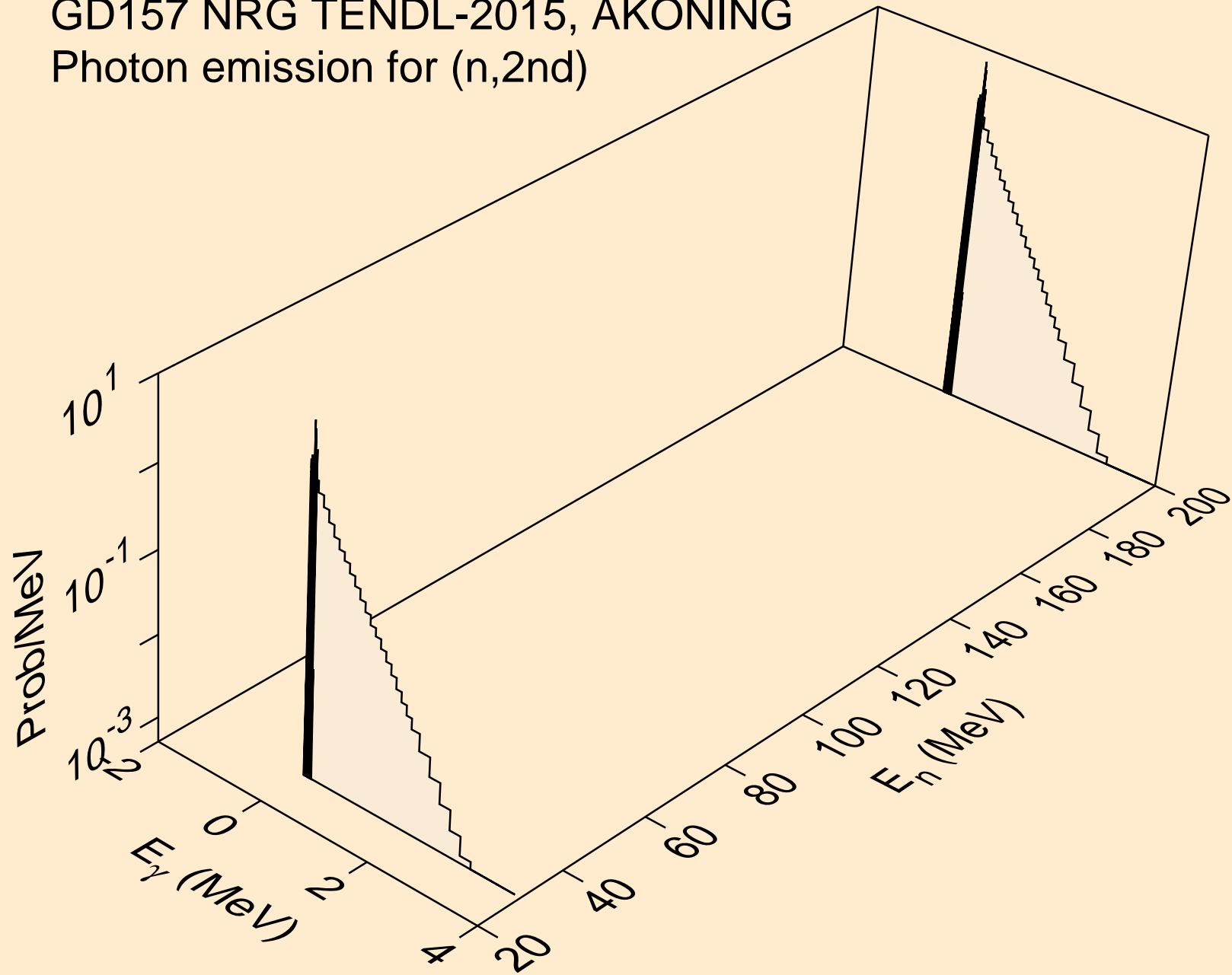




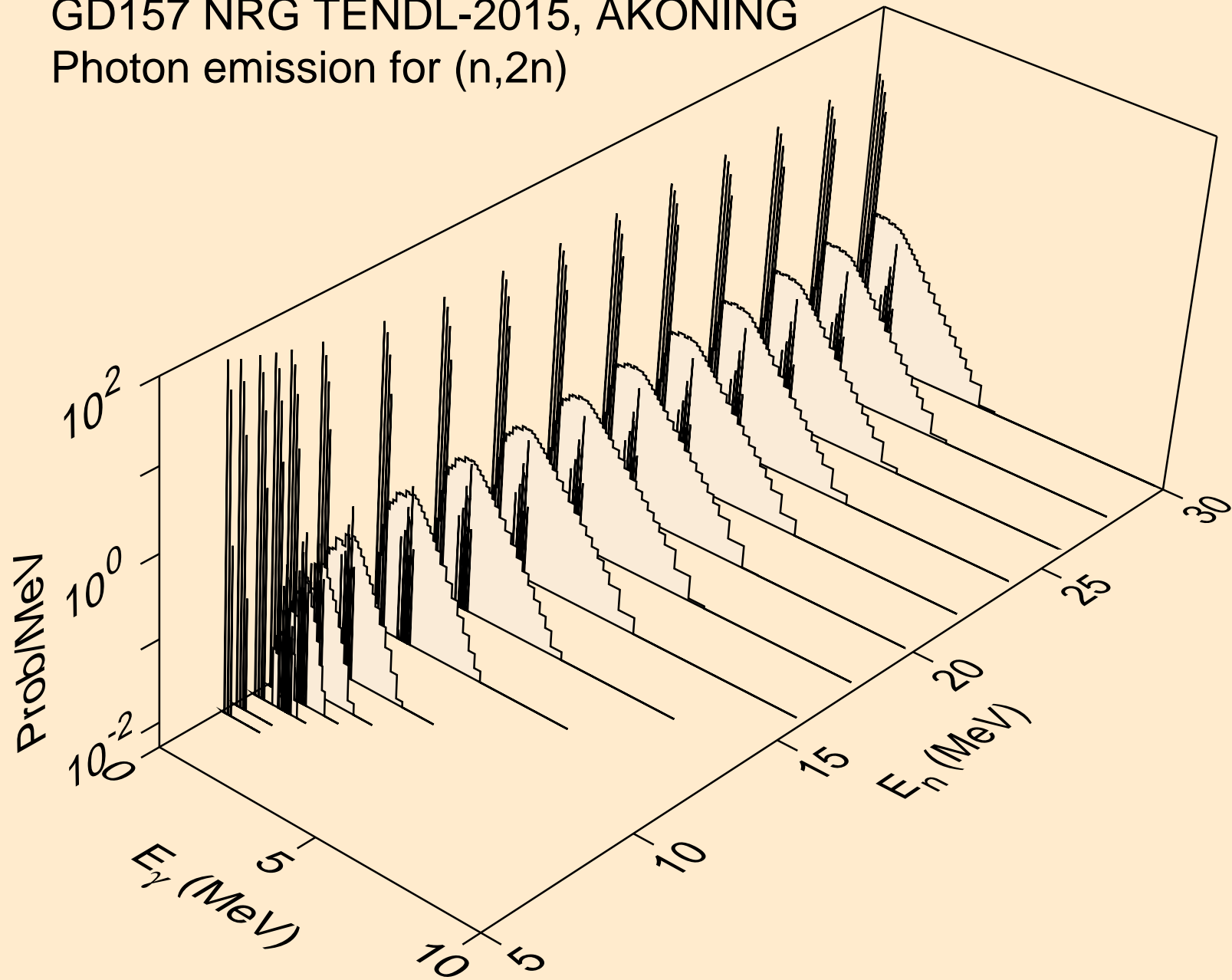
GD157 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



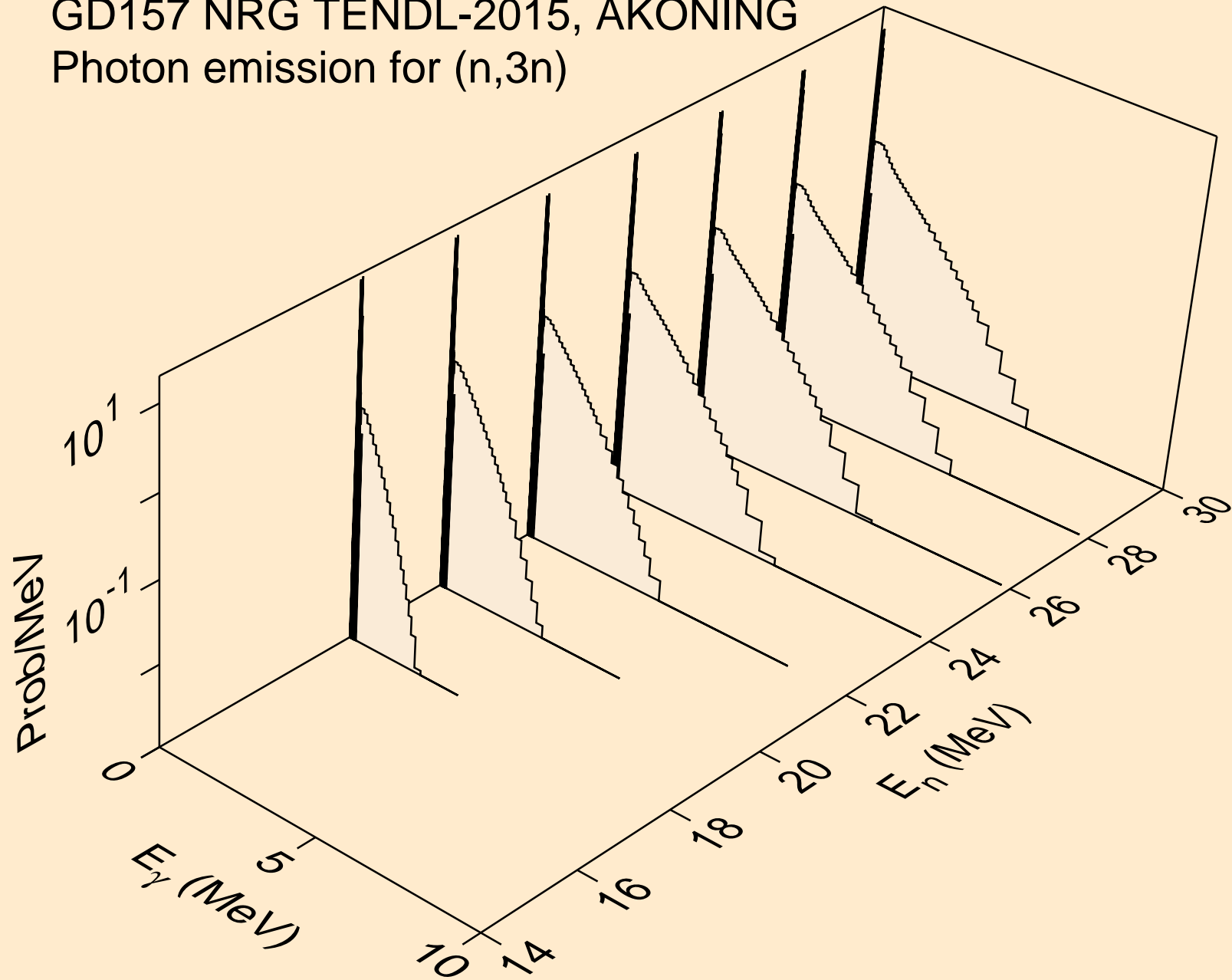
GD157 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



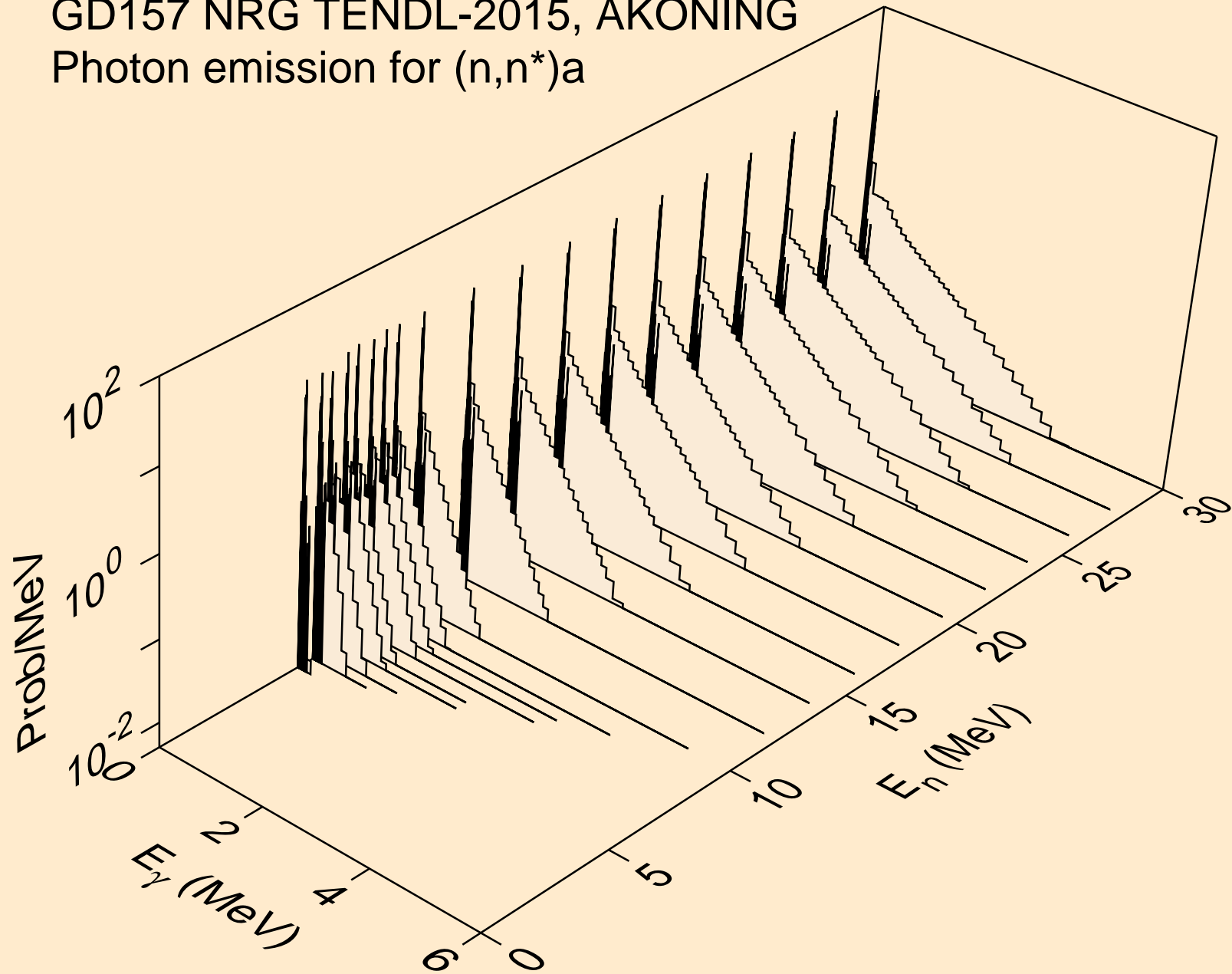
GD157 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



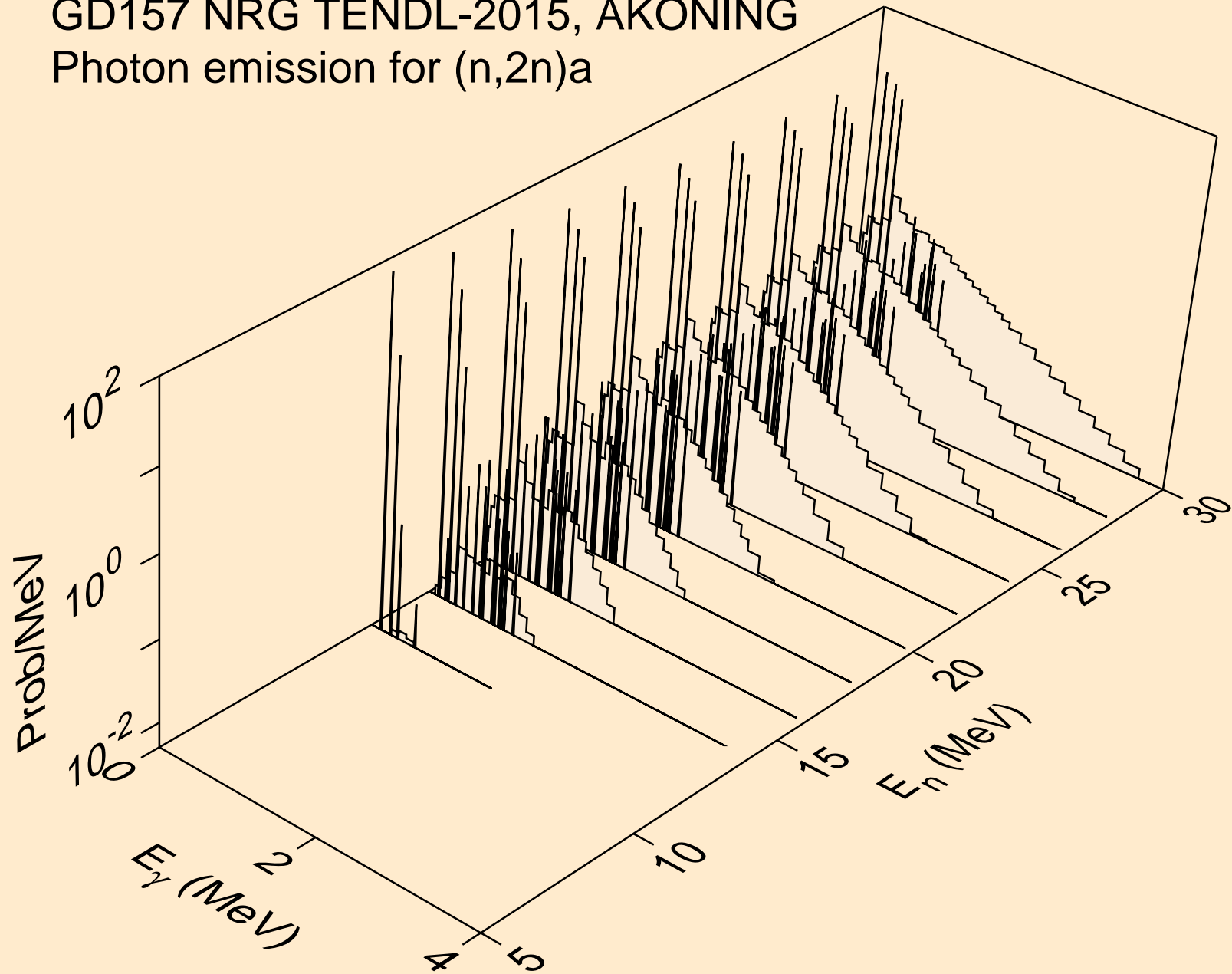
GD157 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



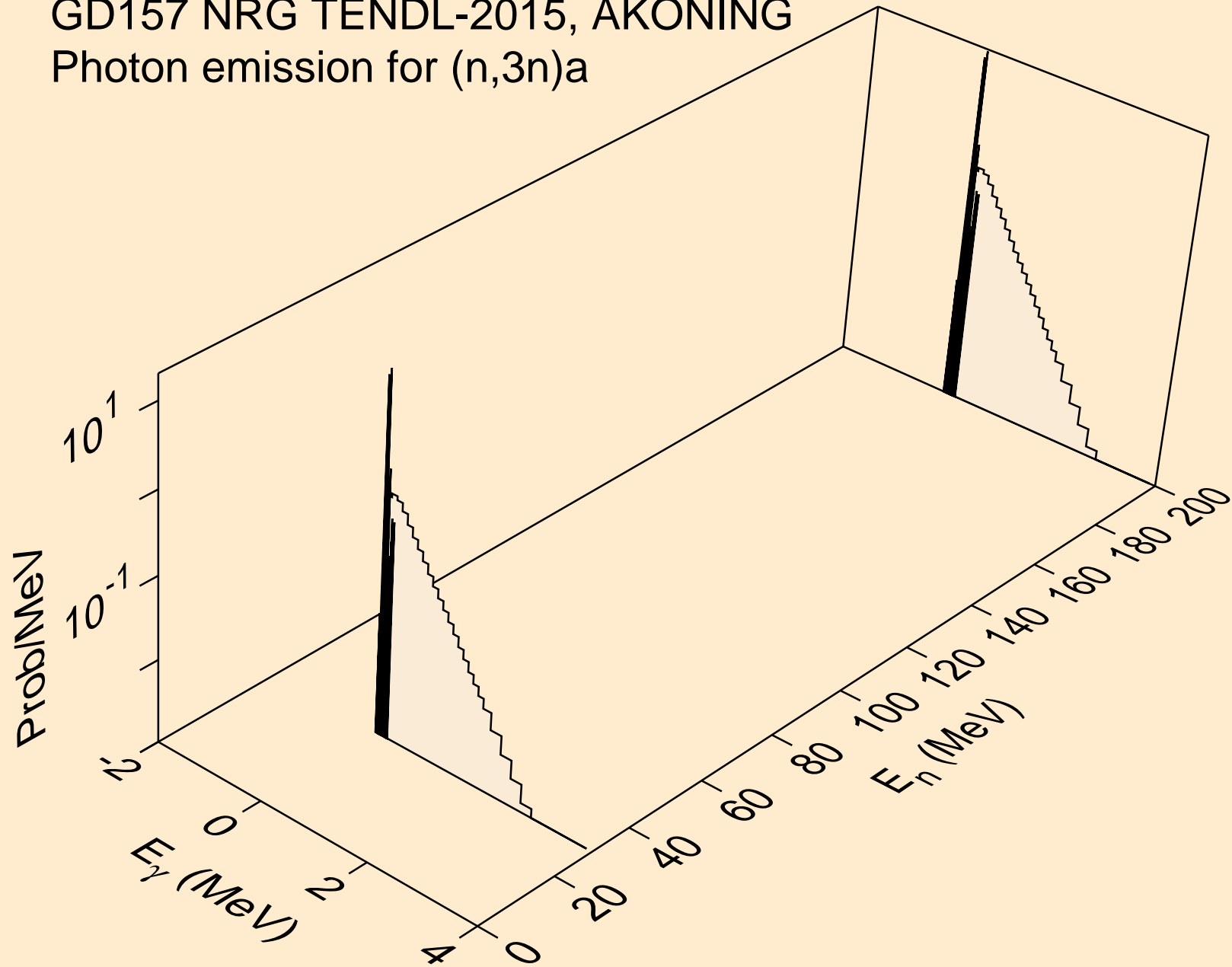
GD157 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



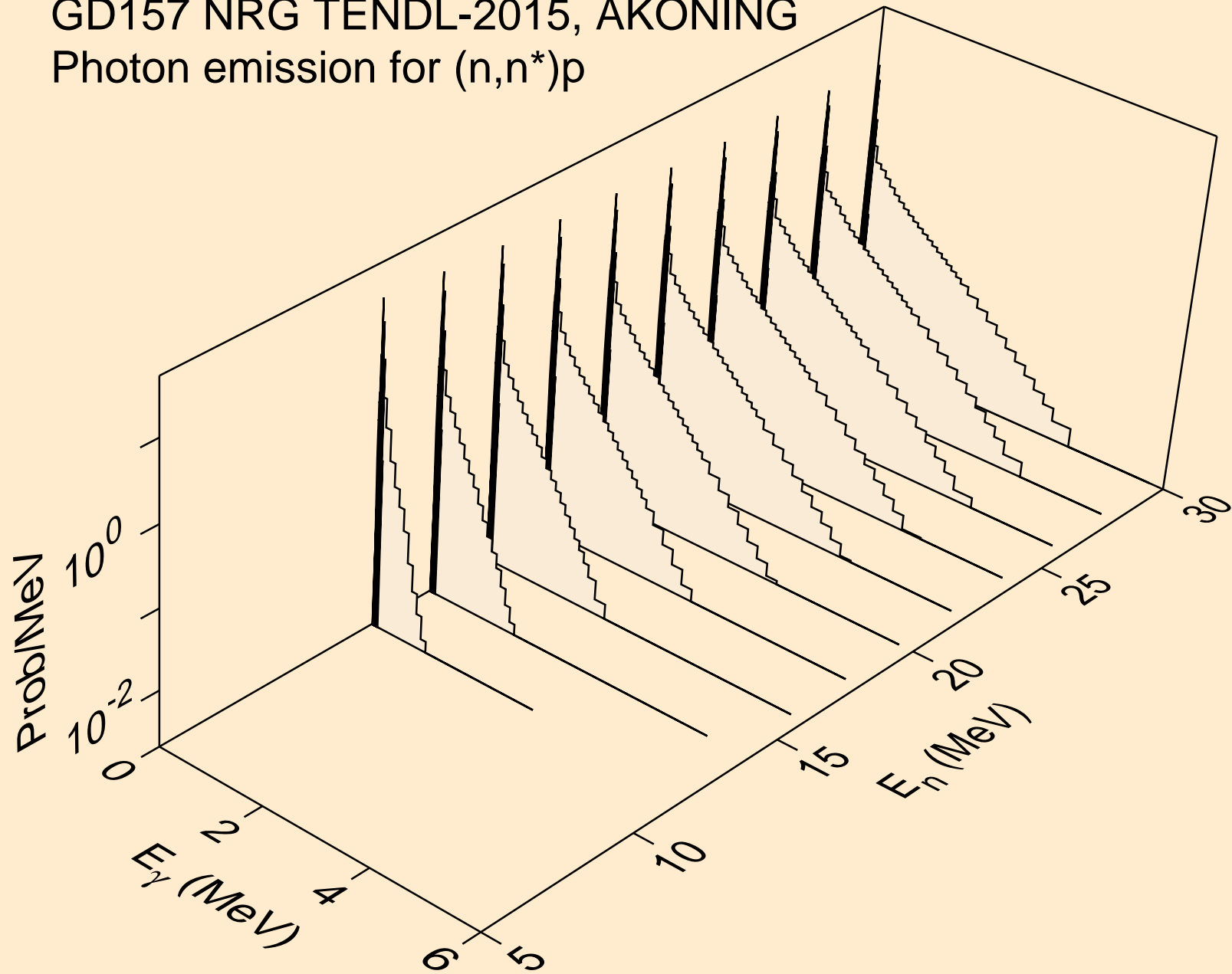
GD157 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



GD157 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a

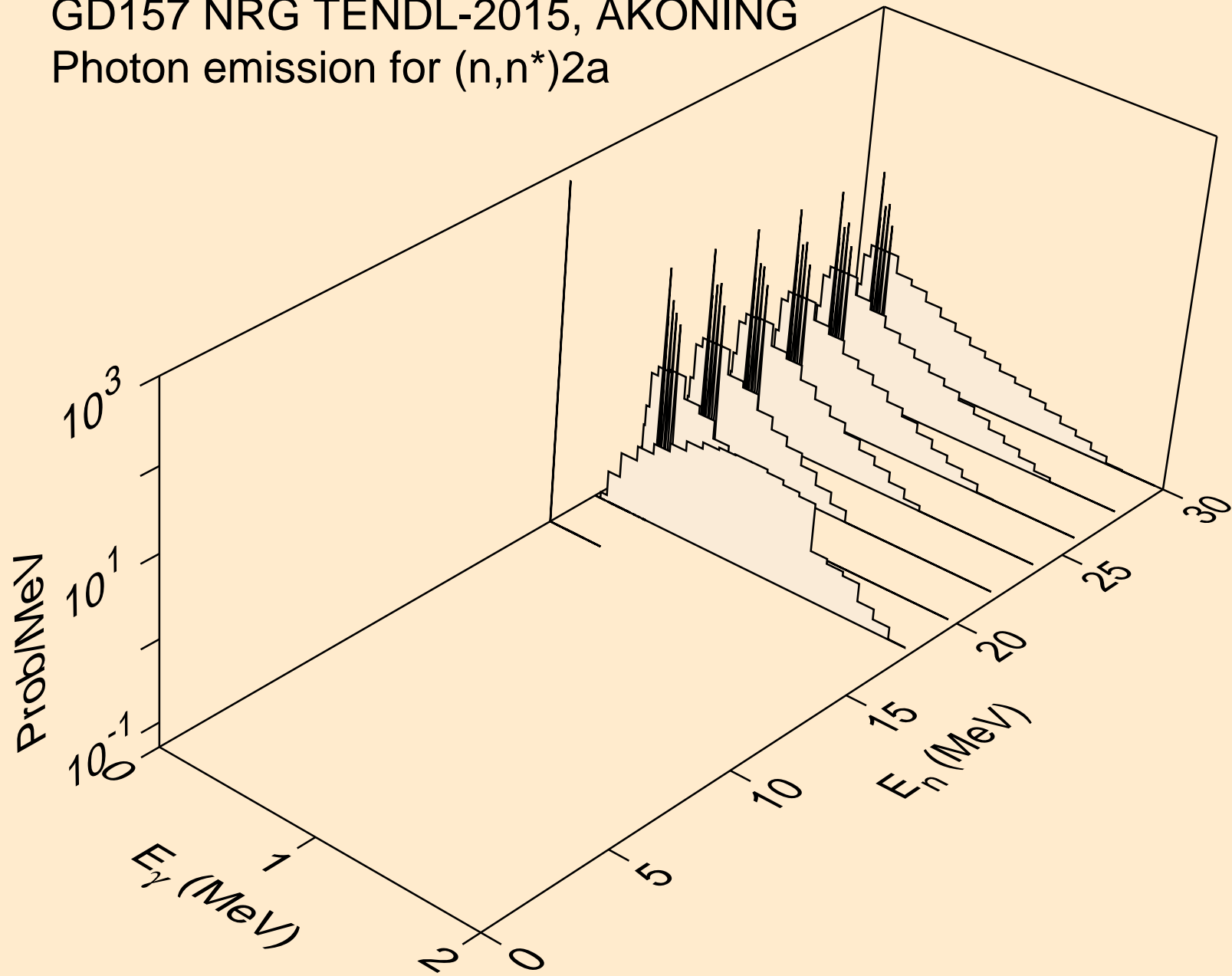


GD157 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p

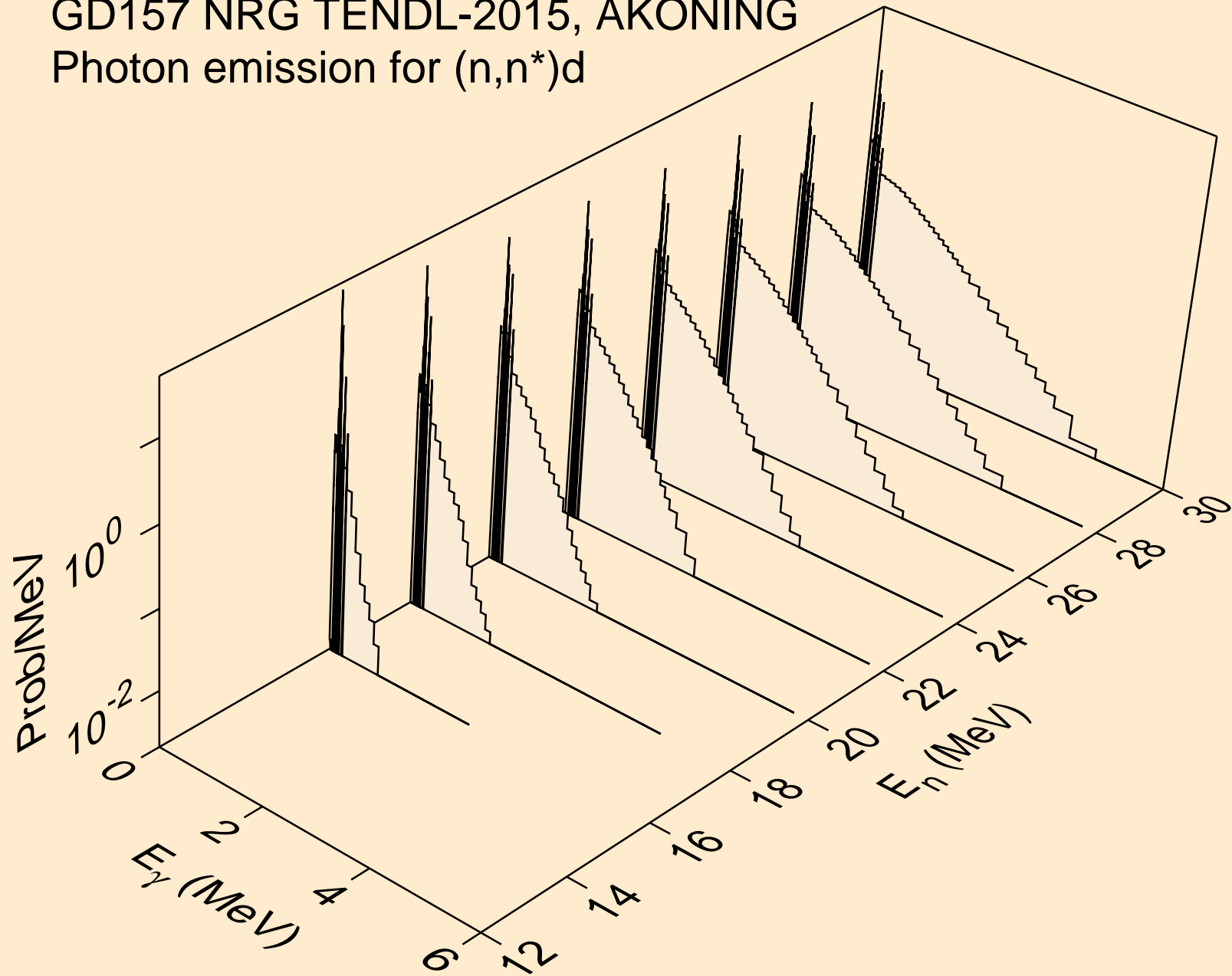




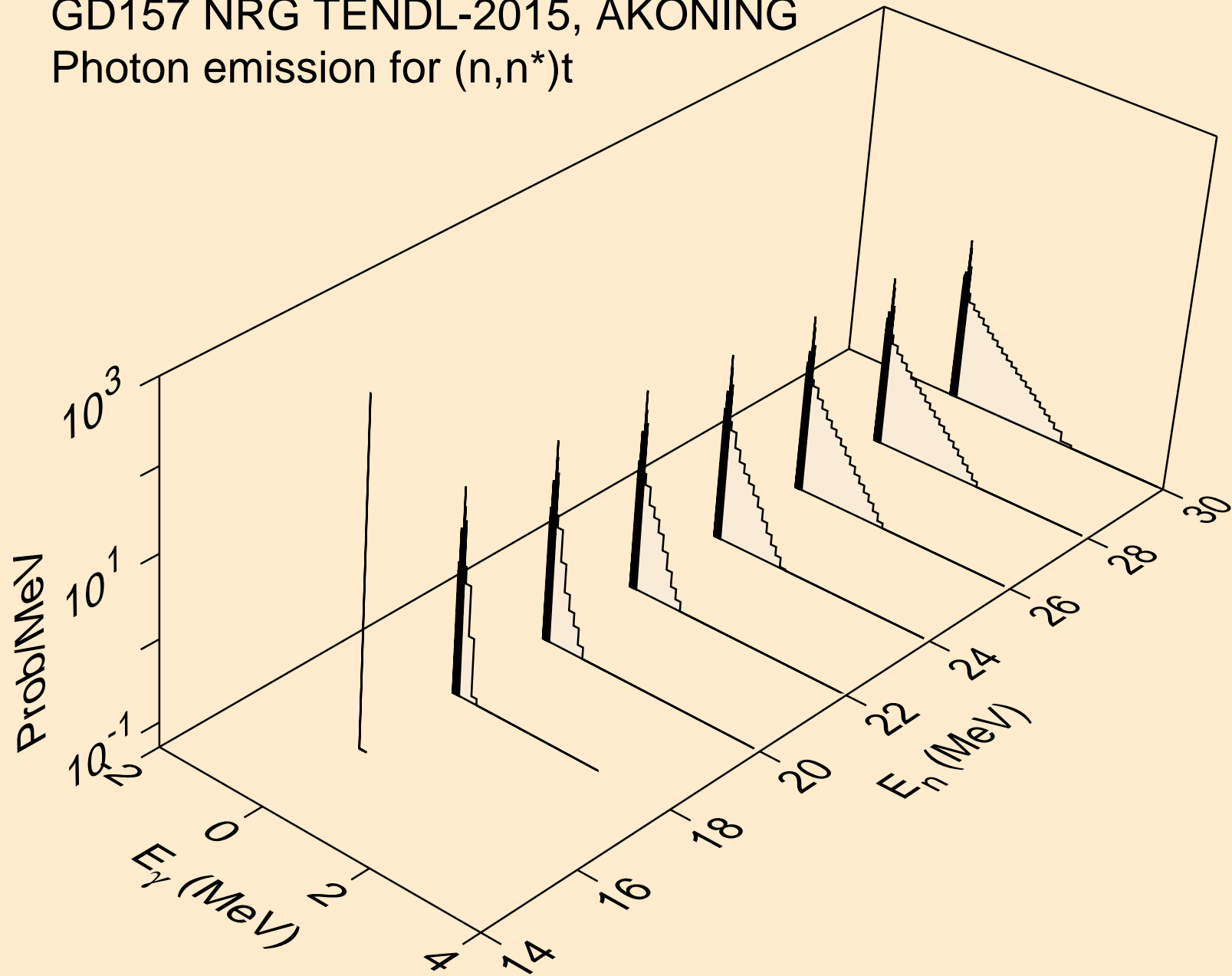
GD157 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



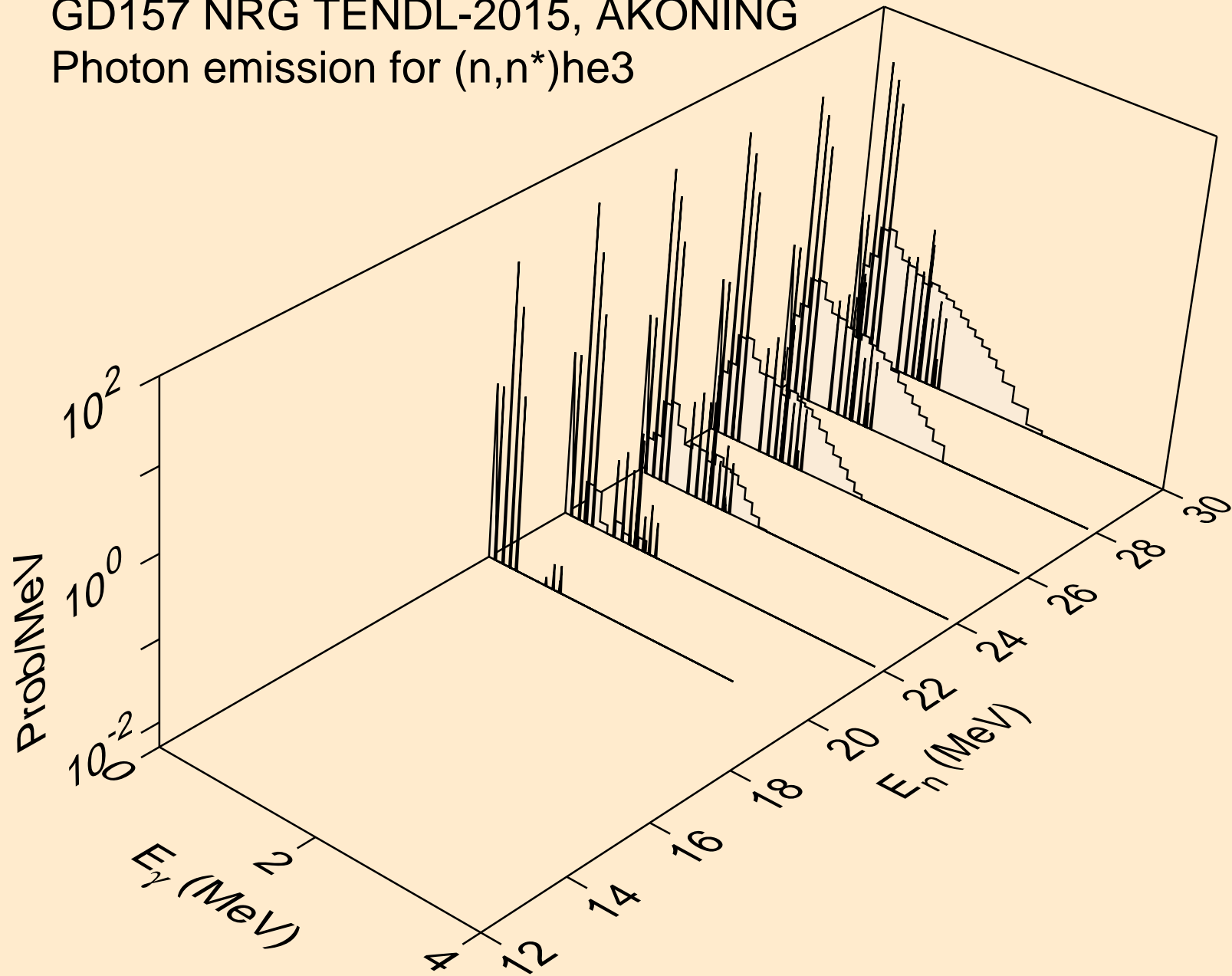
GD157 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



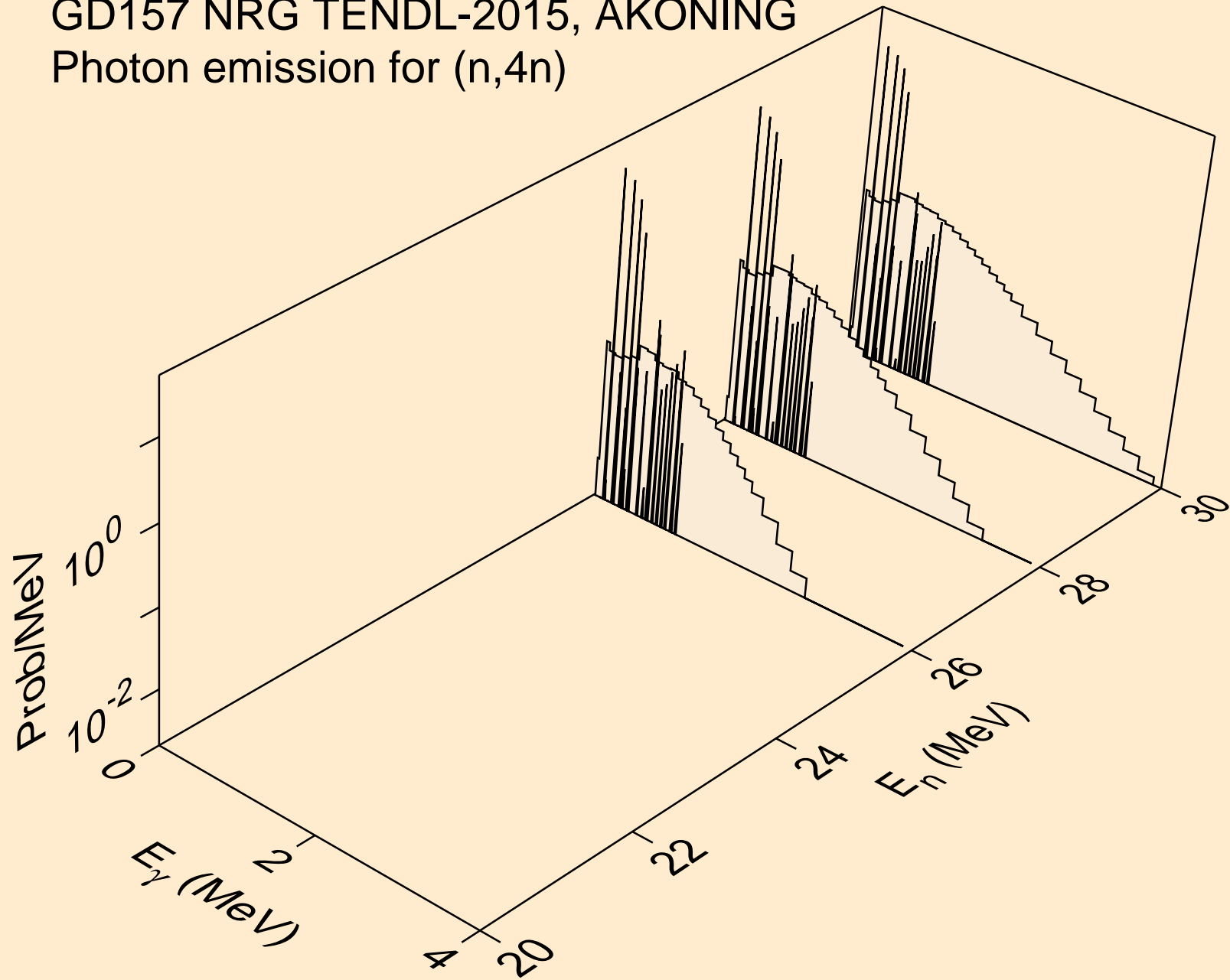
GD157 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



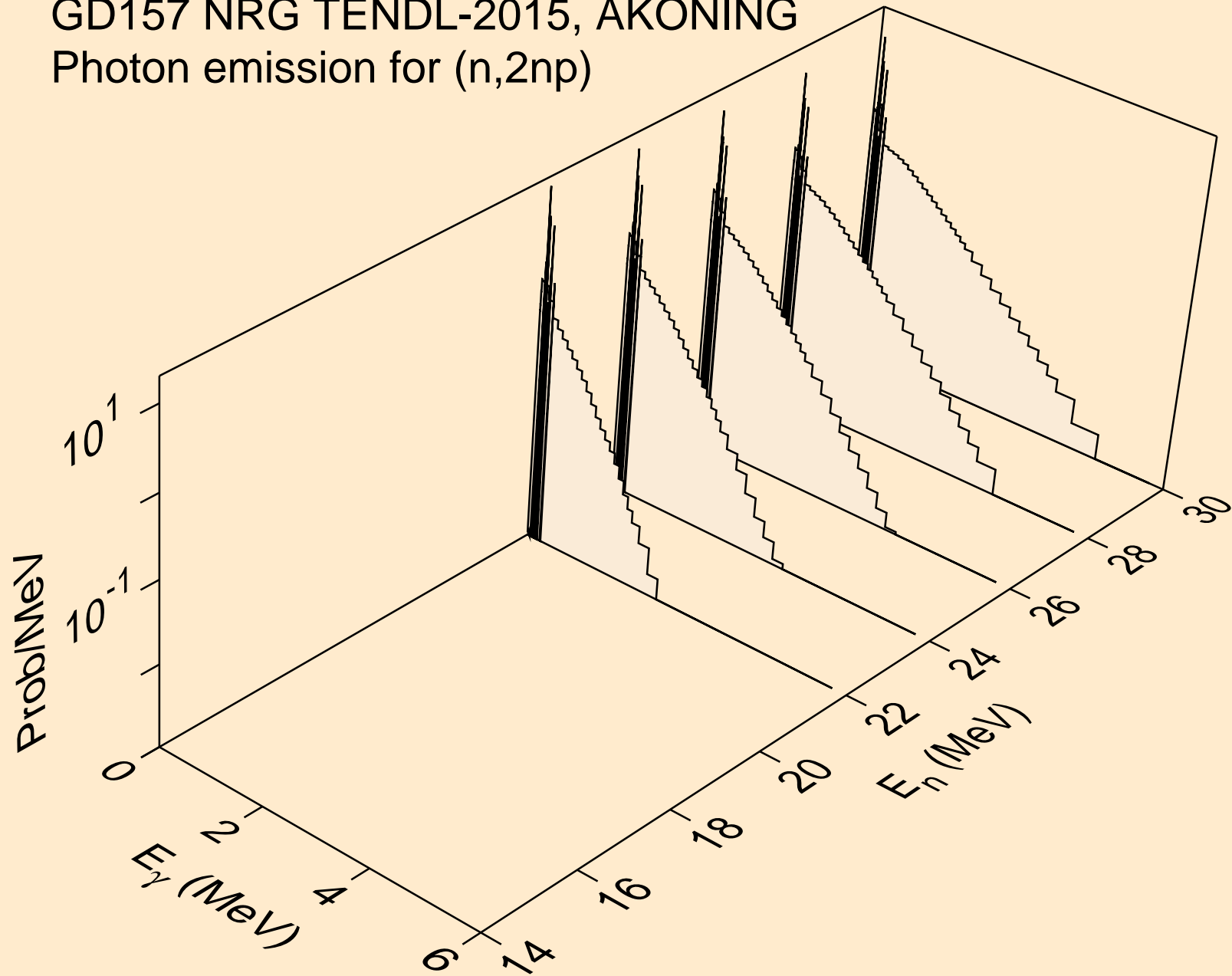
GD157 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



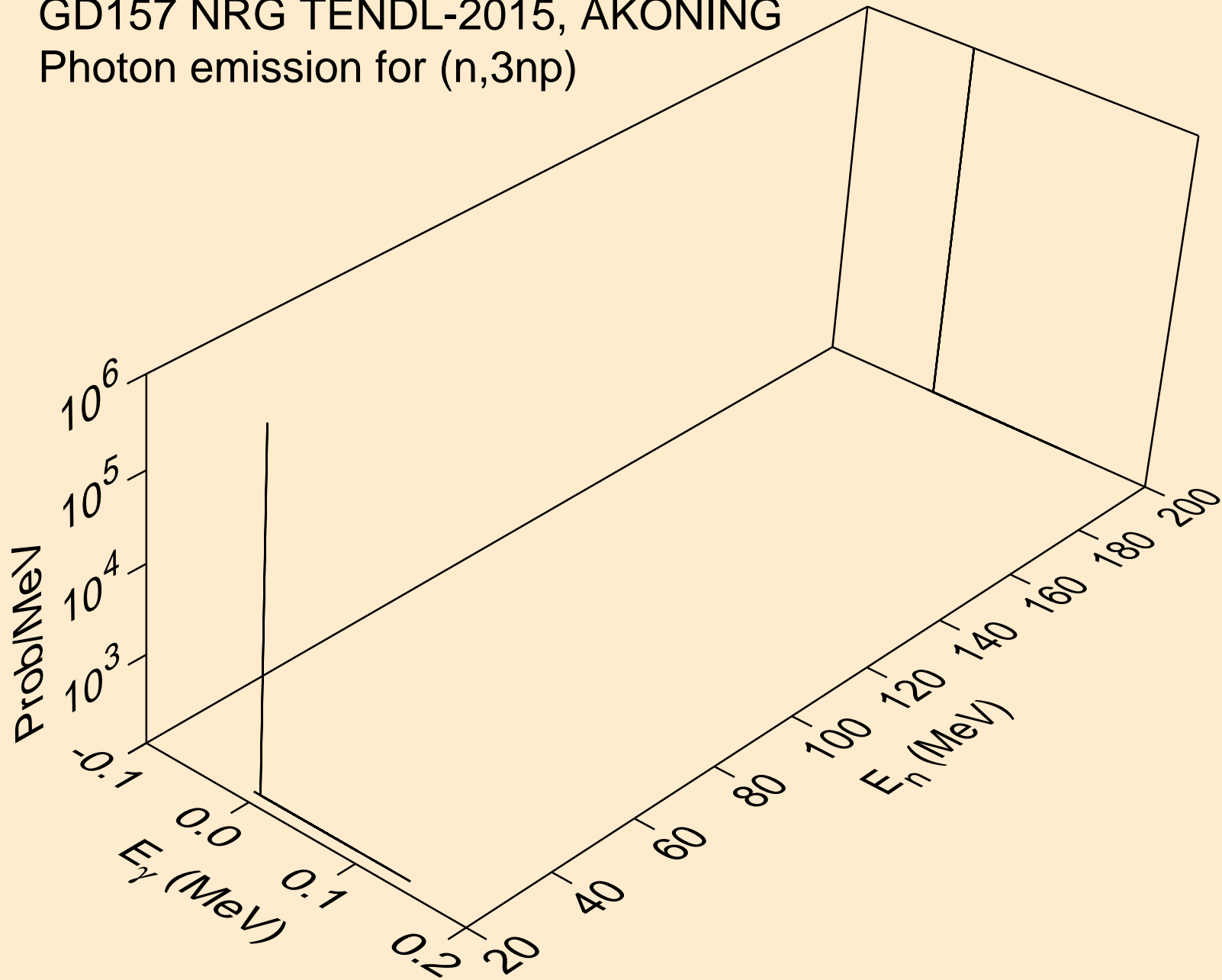
GD157 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



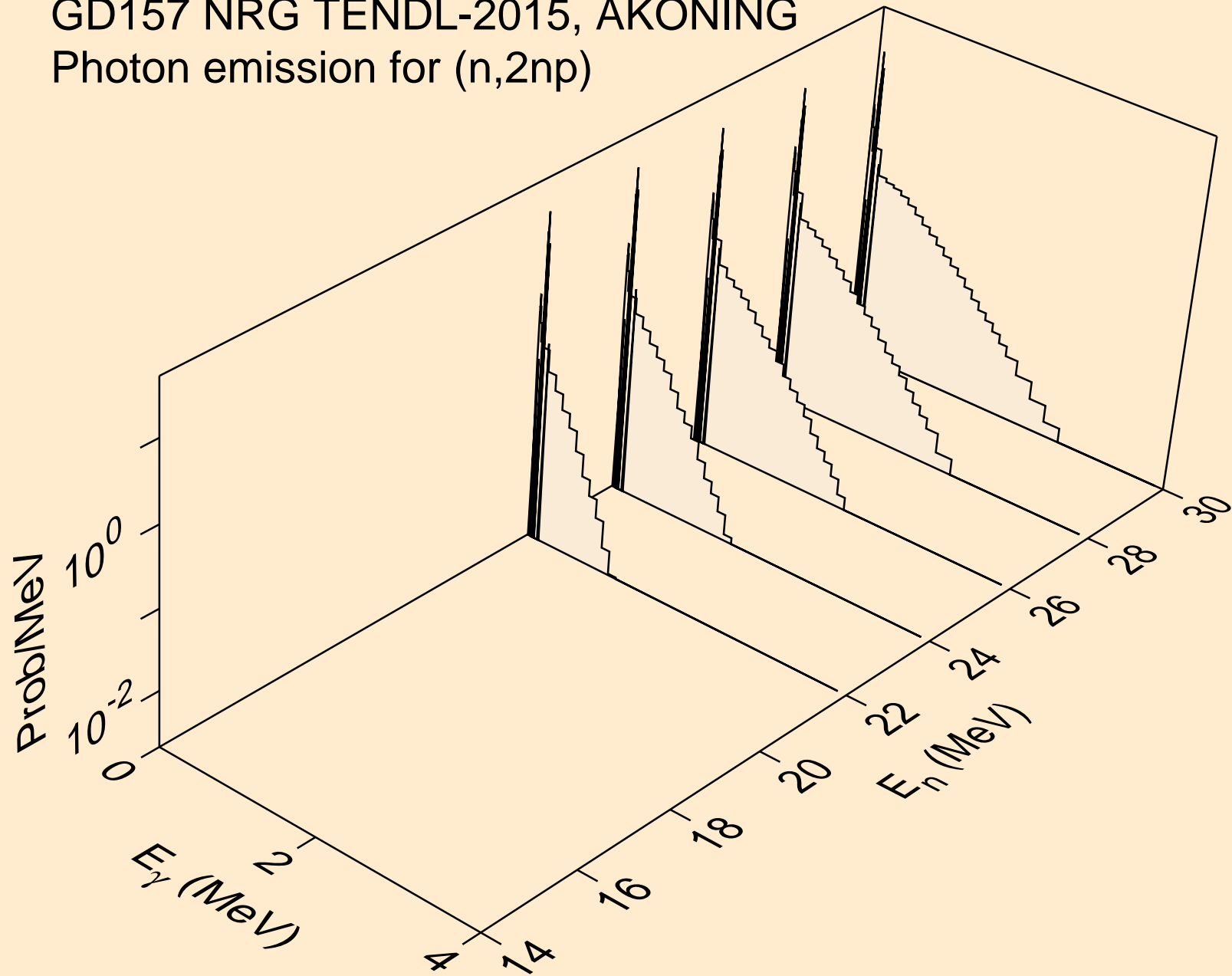
GD157 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



GD157 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)

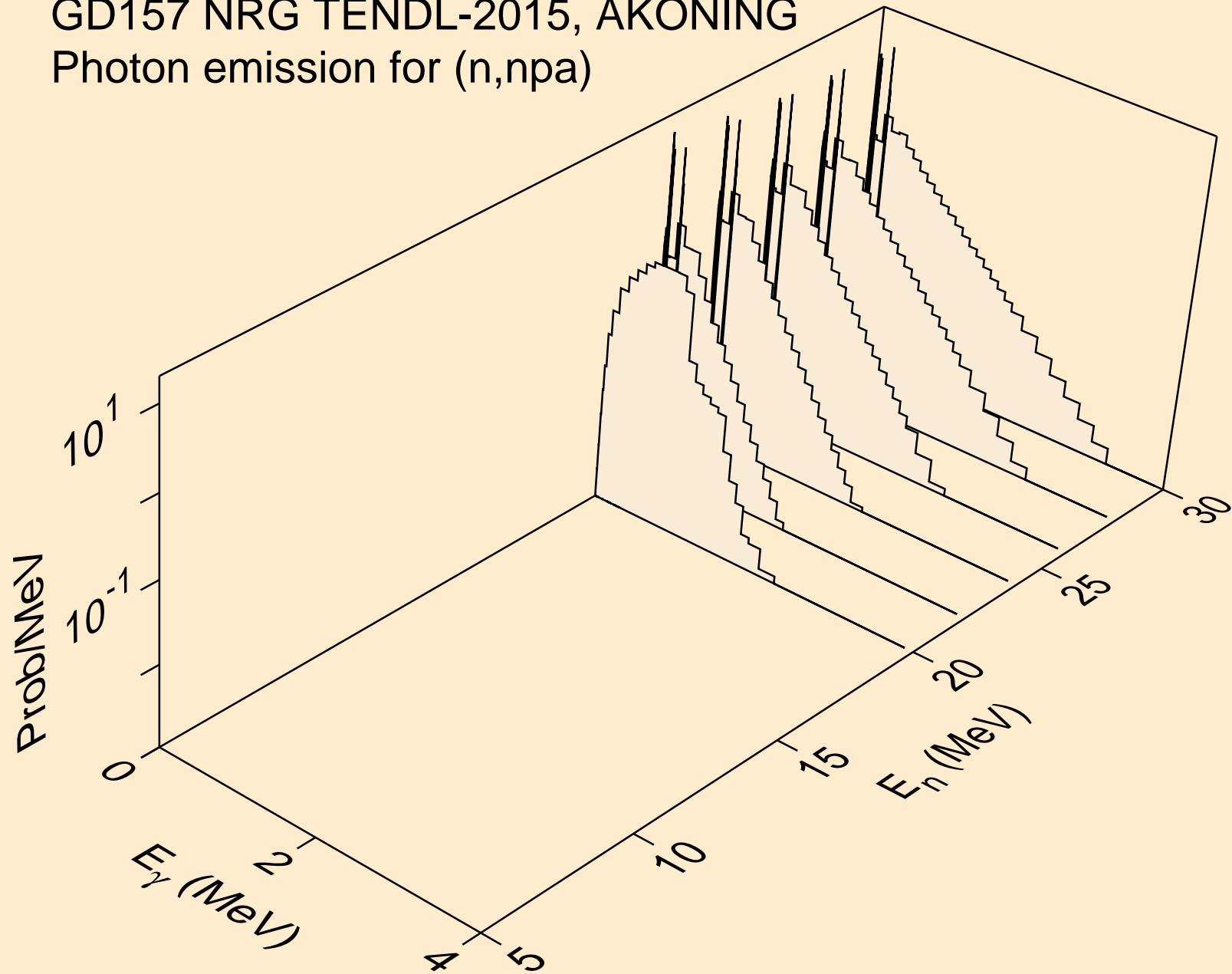


GD157 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

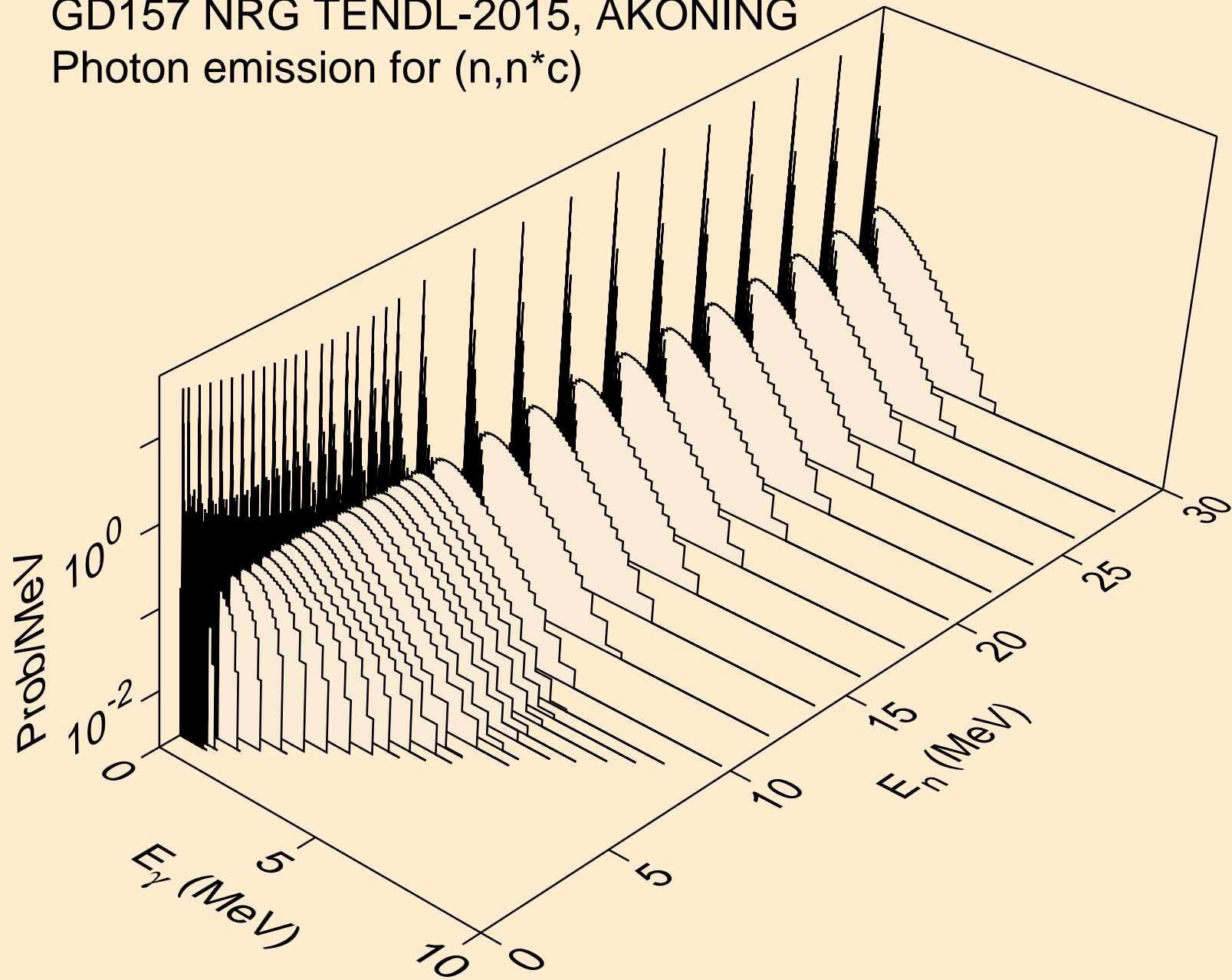




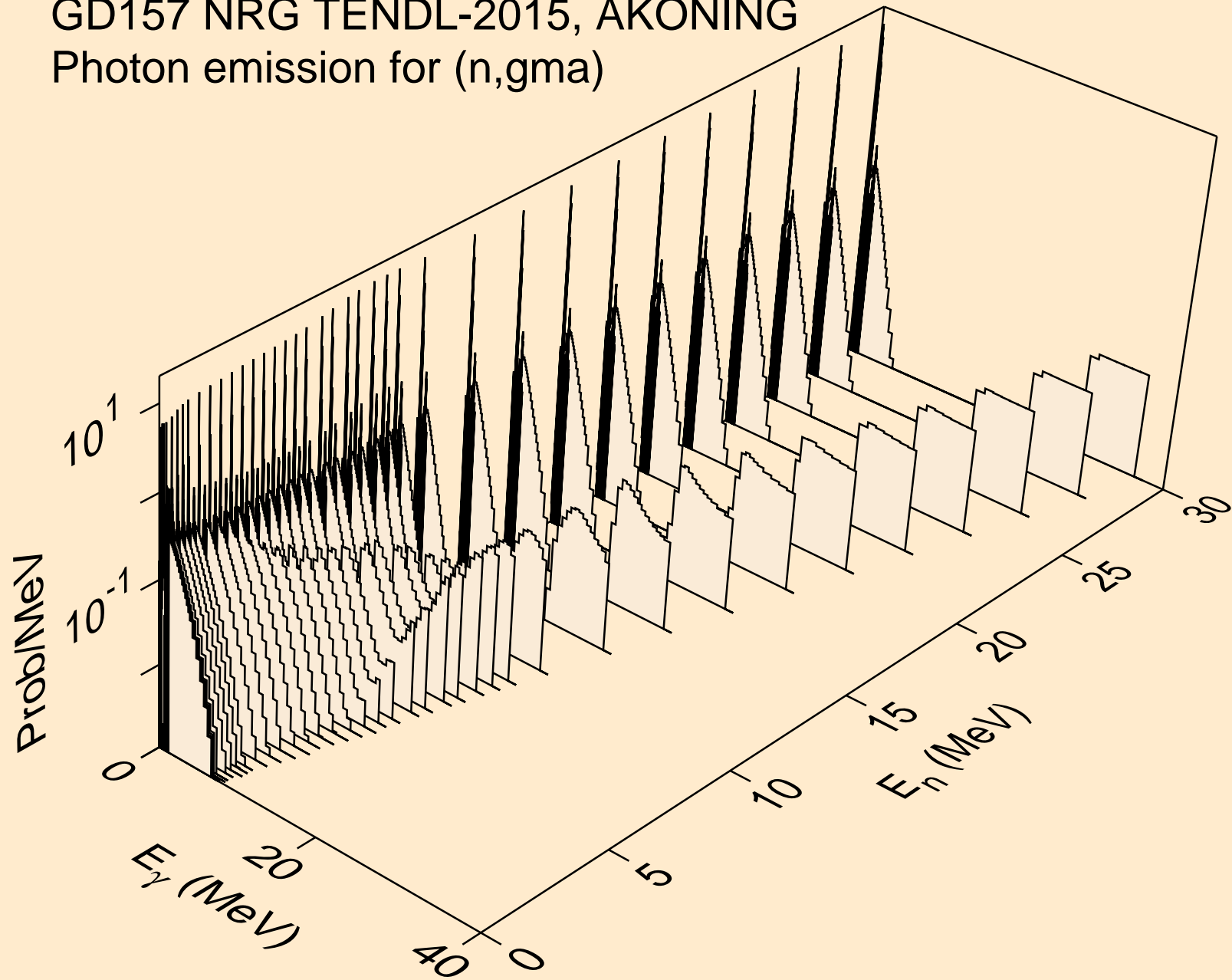
GD157 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



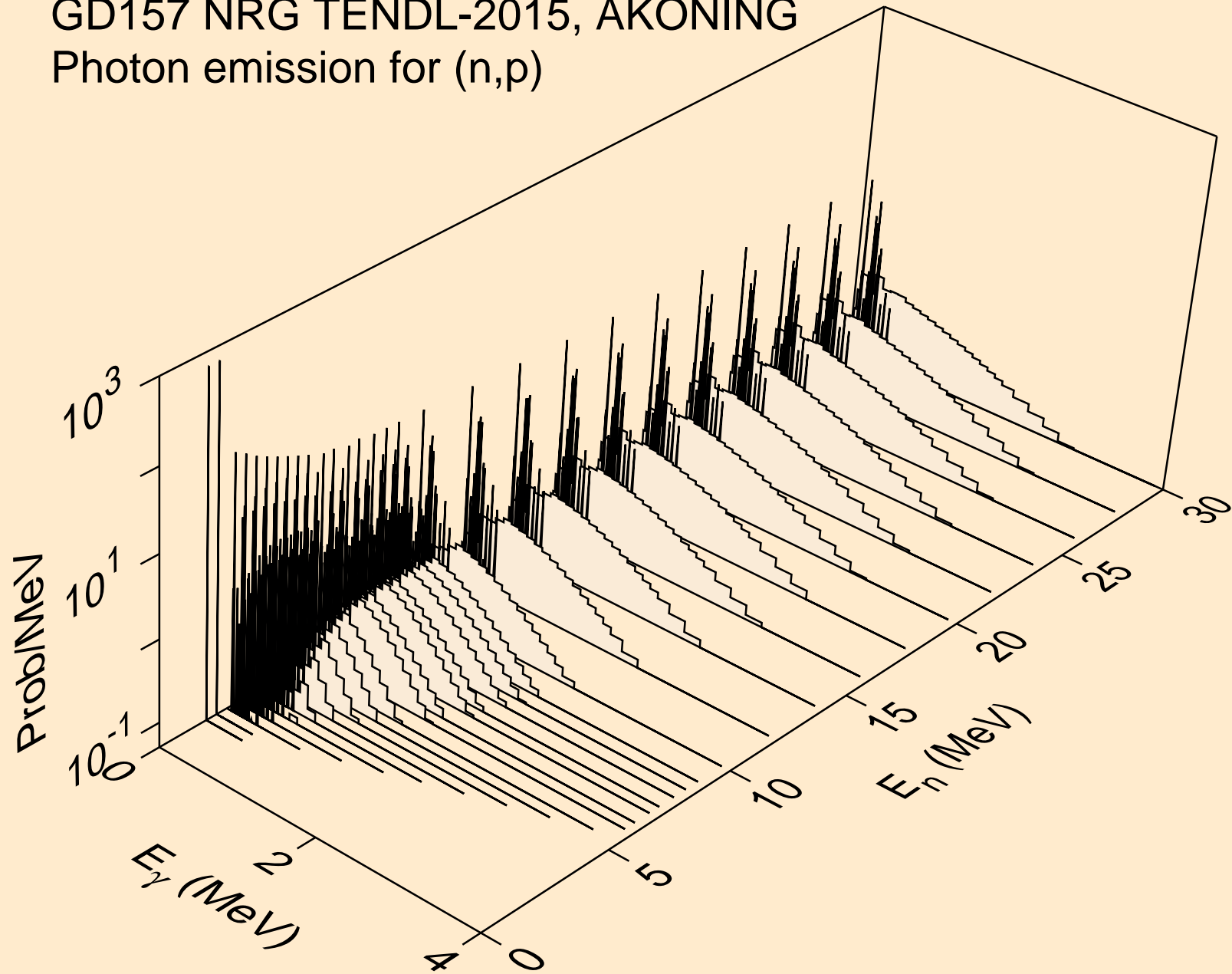
GD157 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



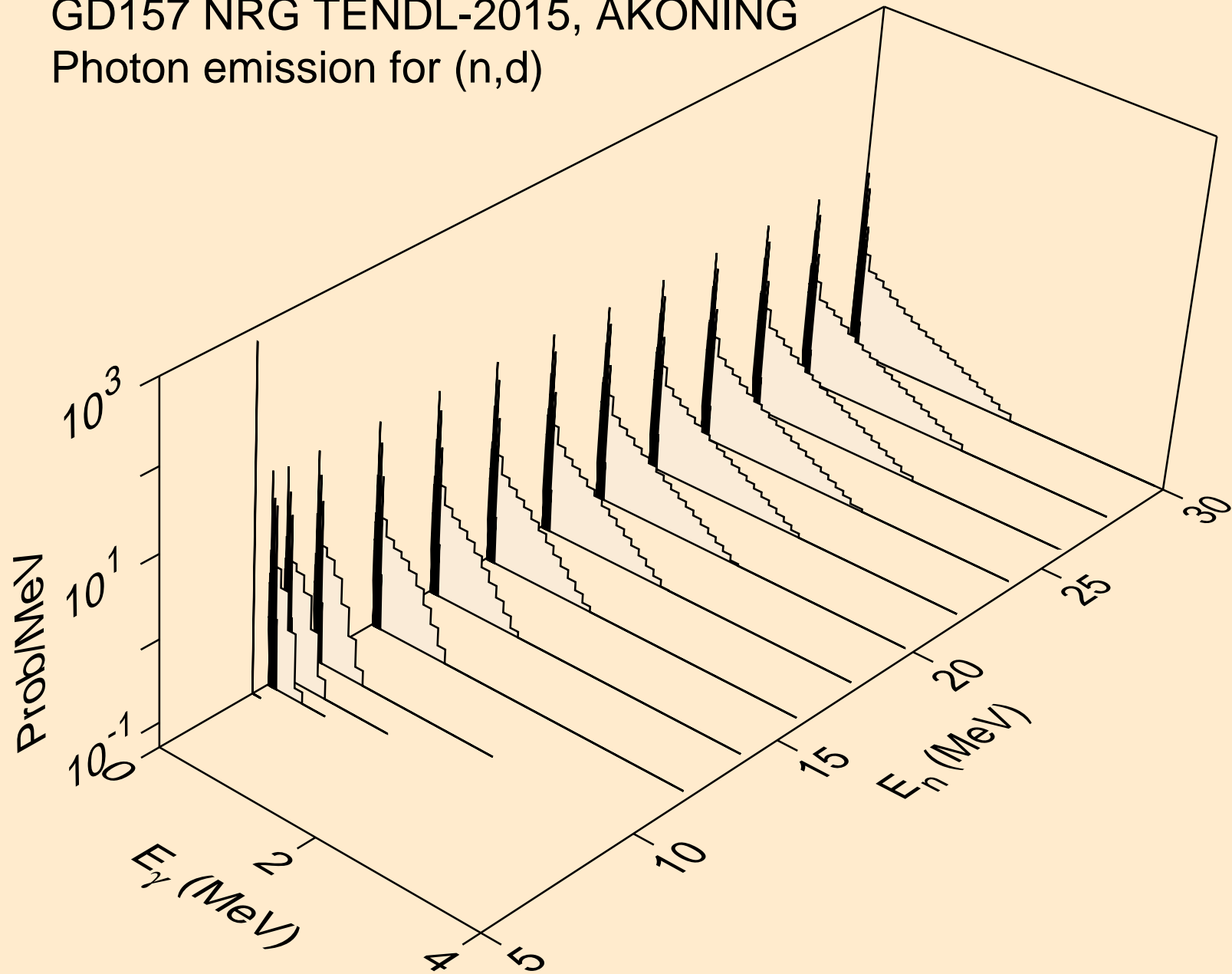
GD157 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



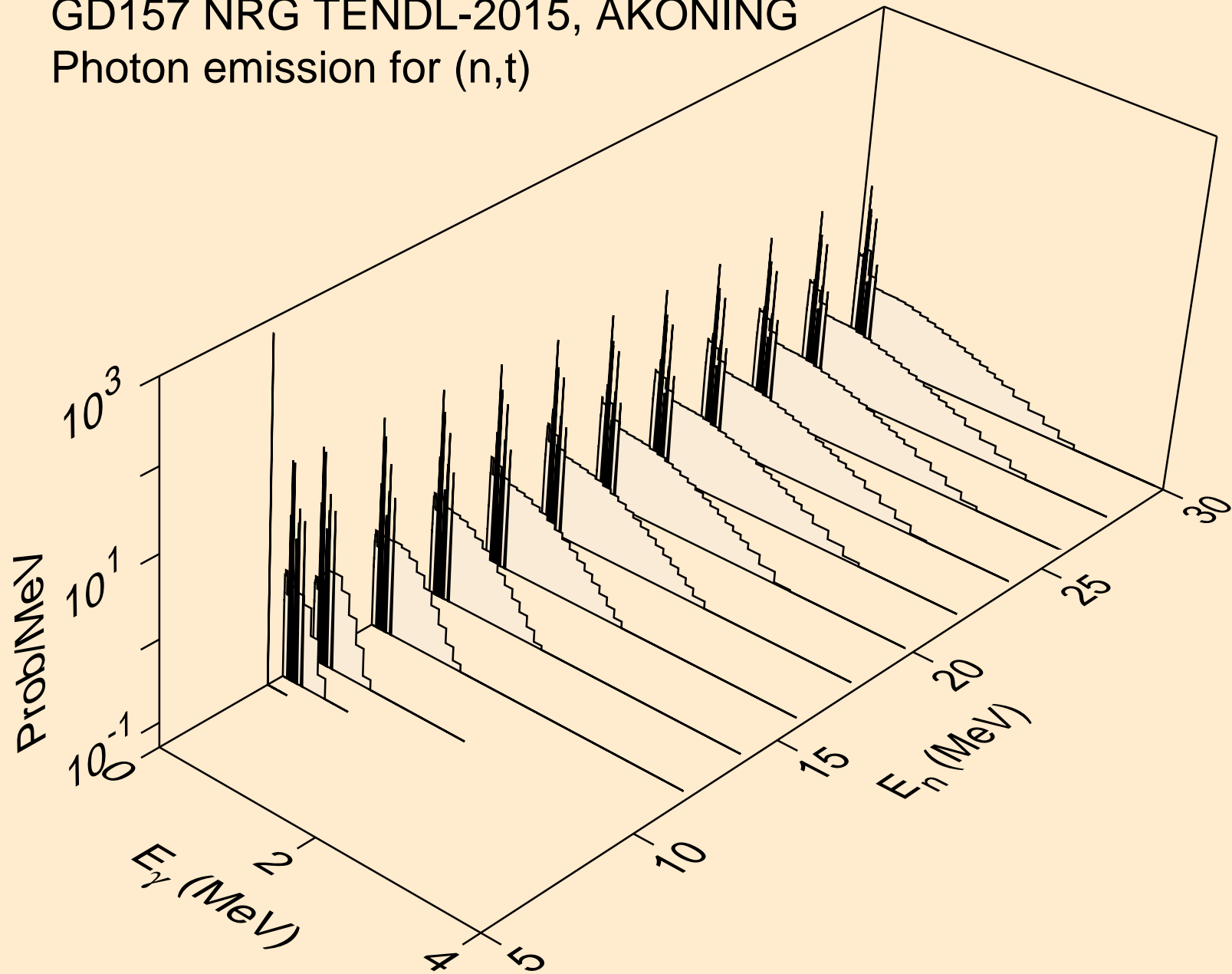
GD157 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



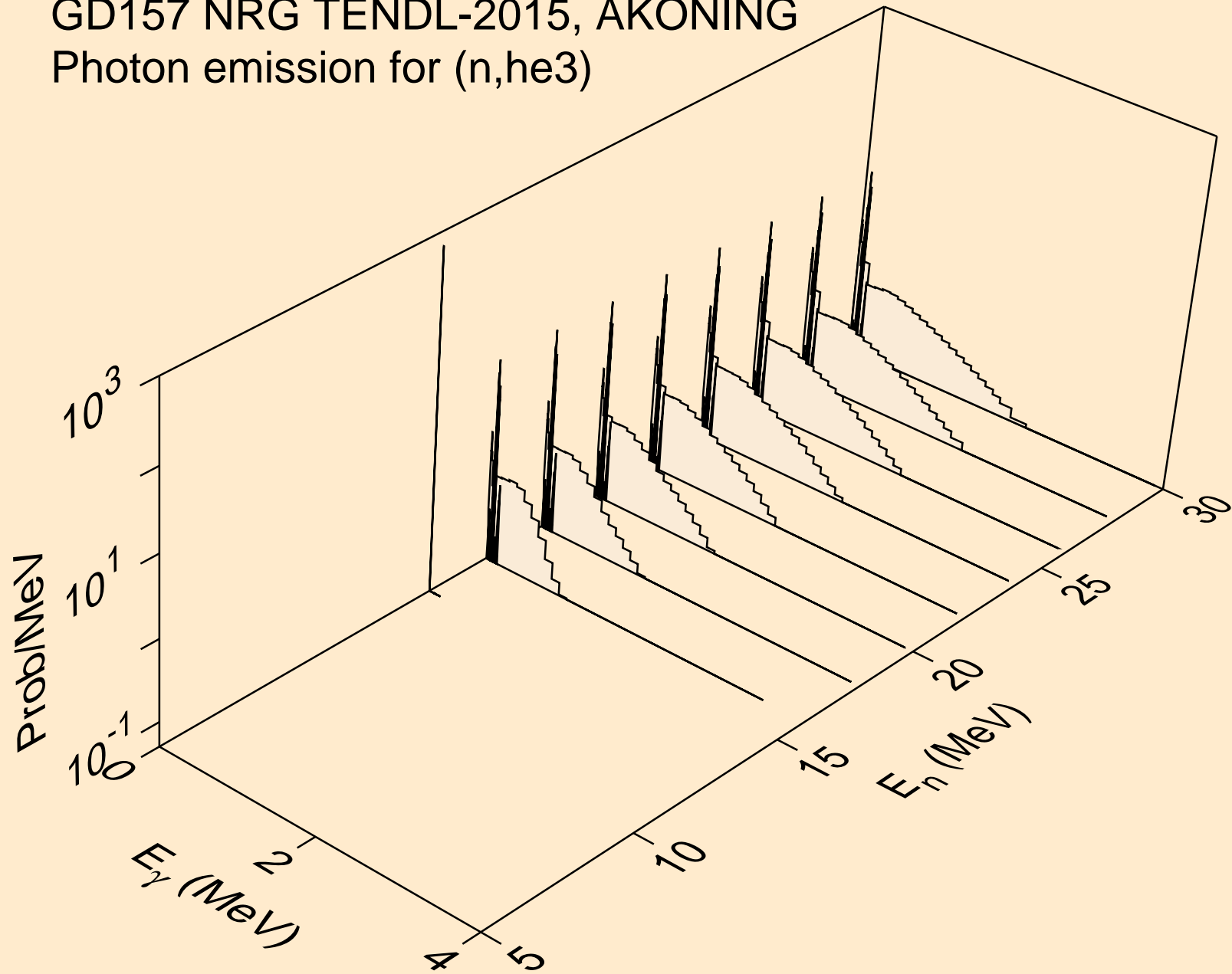
GD157 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



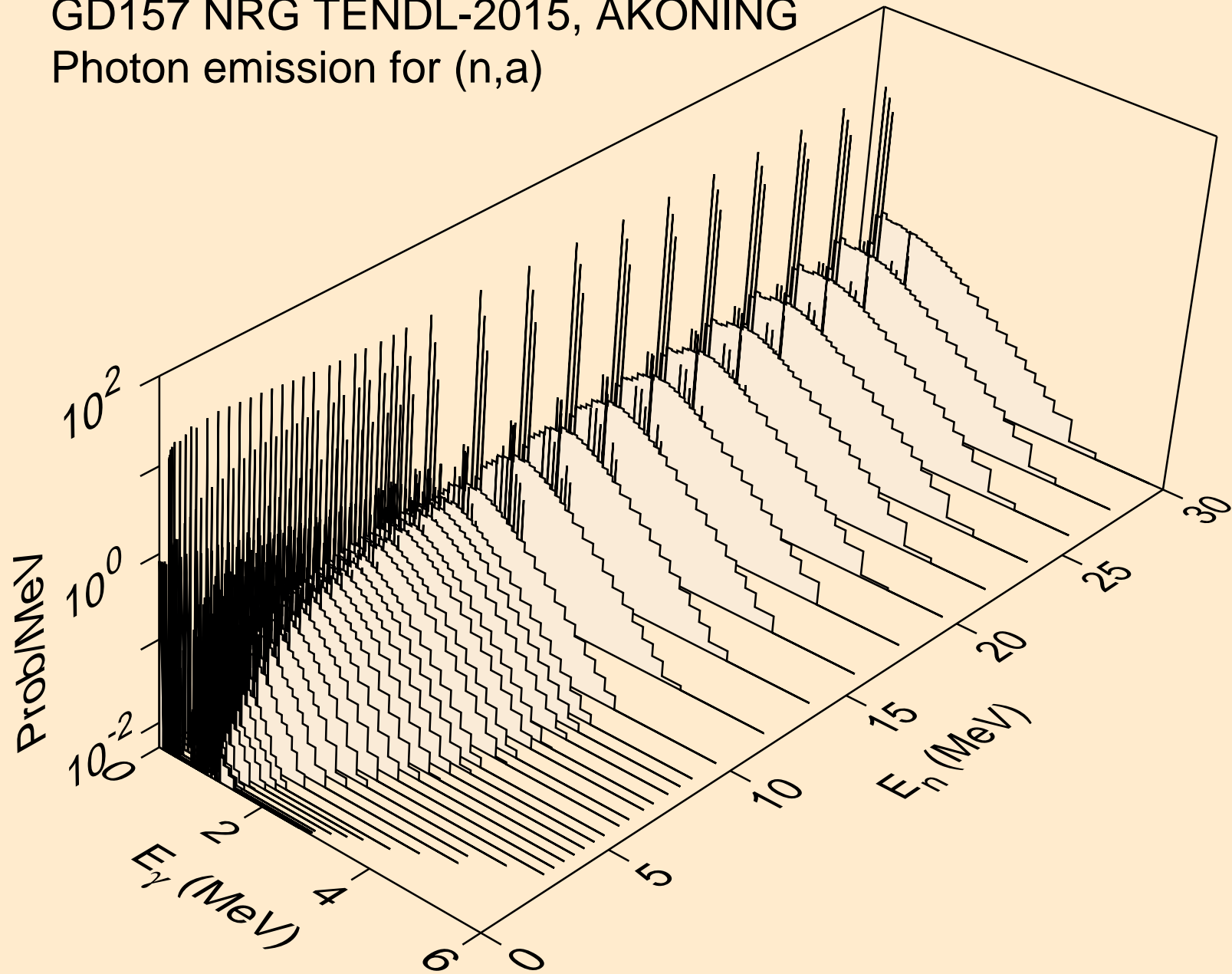
GD157 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



GD157 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)

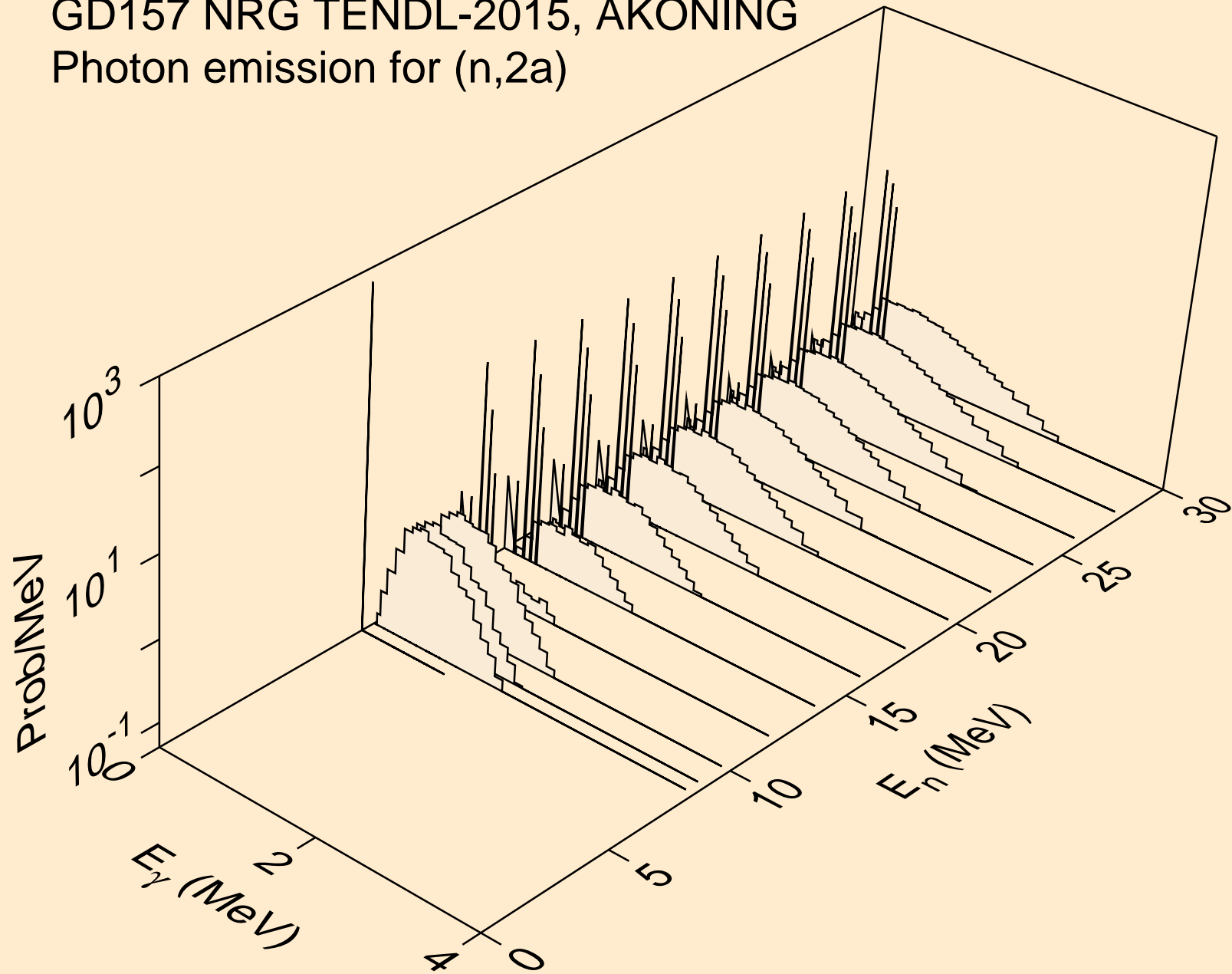


GD157 NRG TENDL-2015, AKONING  
Photon emission for (n,a)

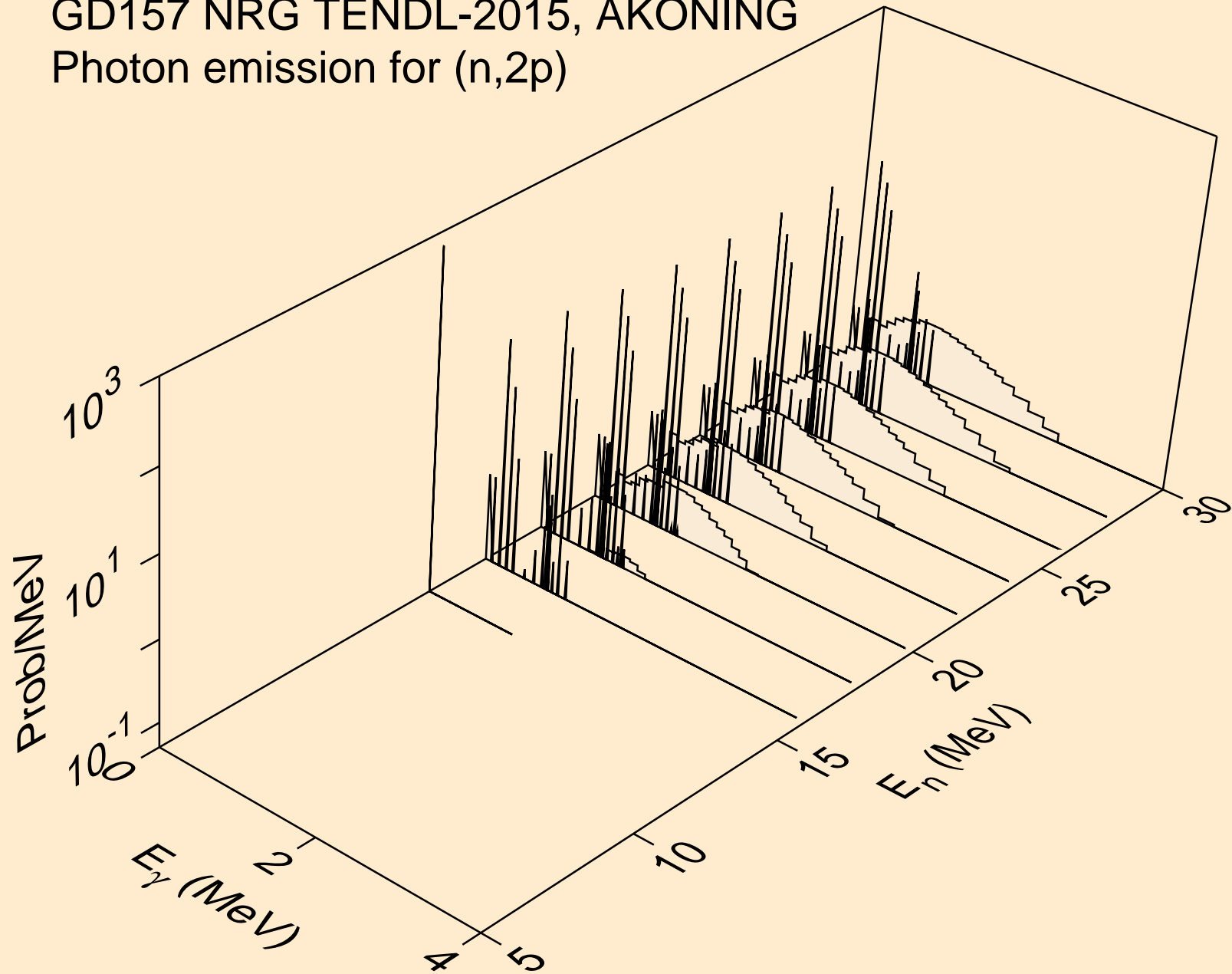




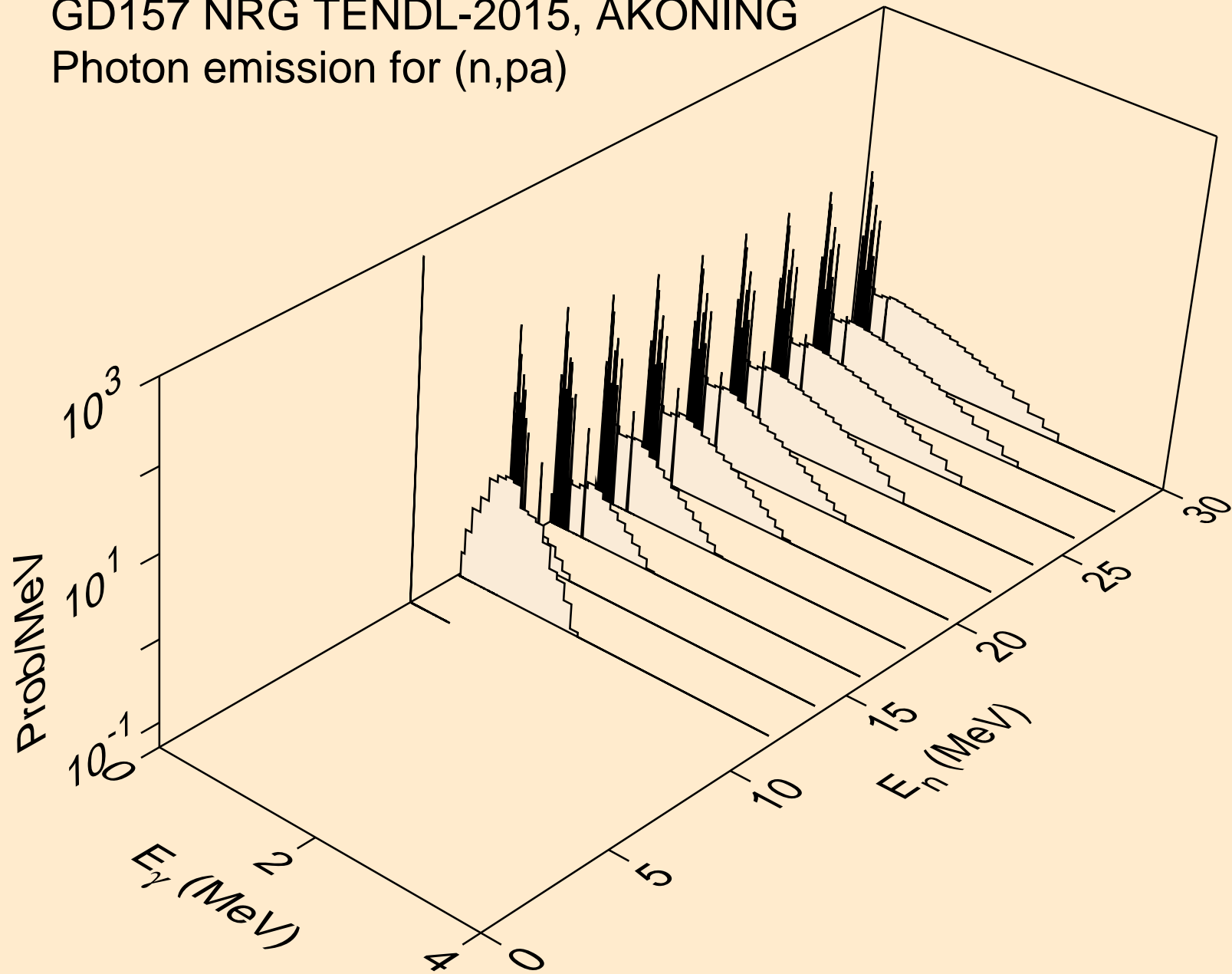
GD157 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



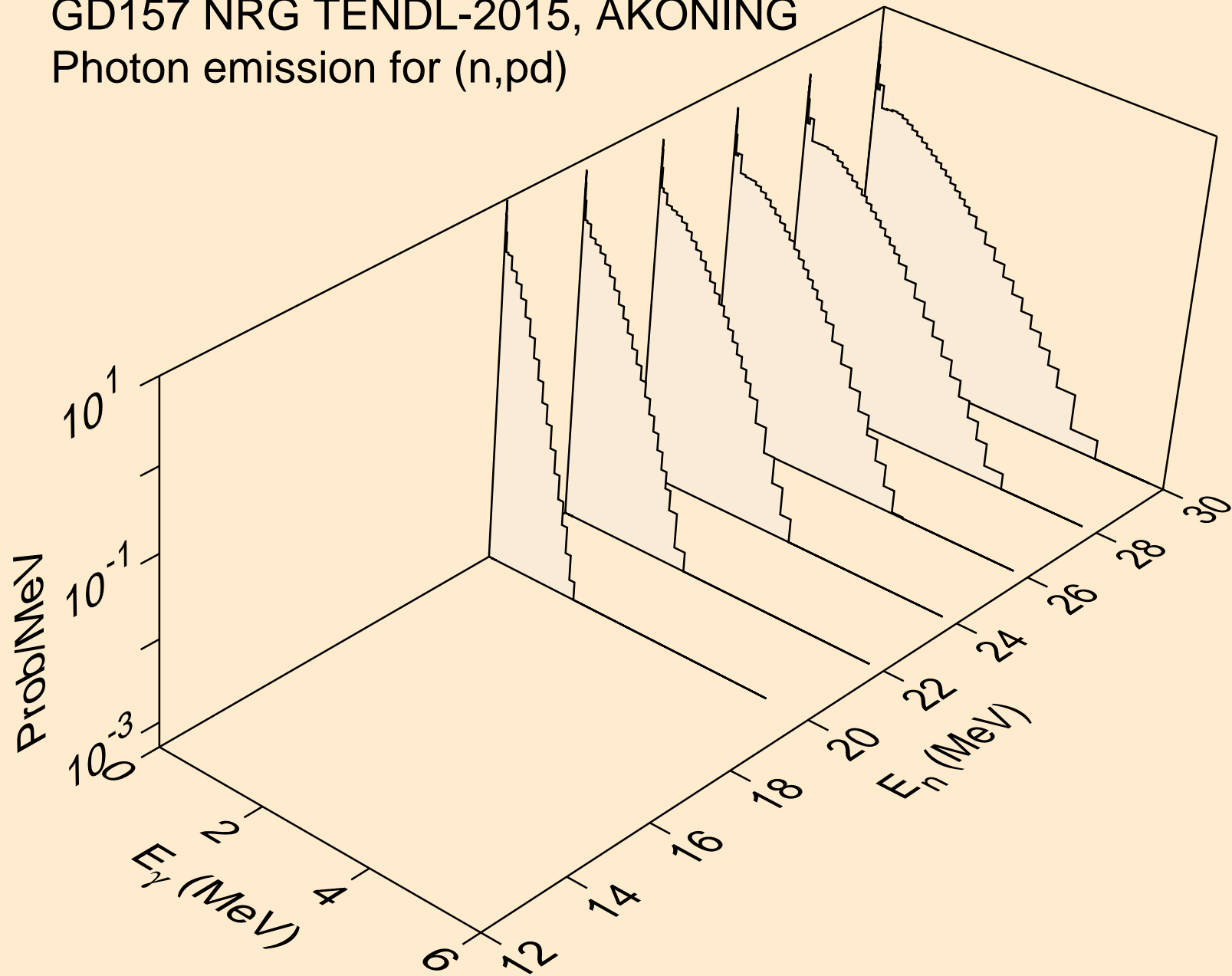
GD157 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



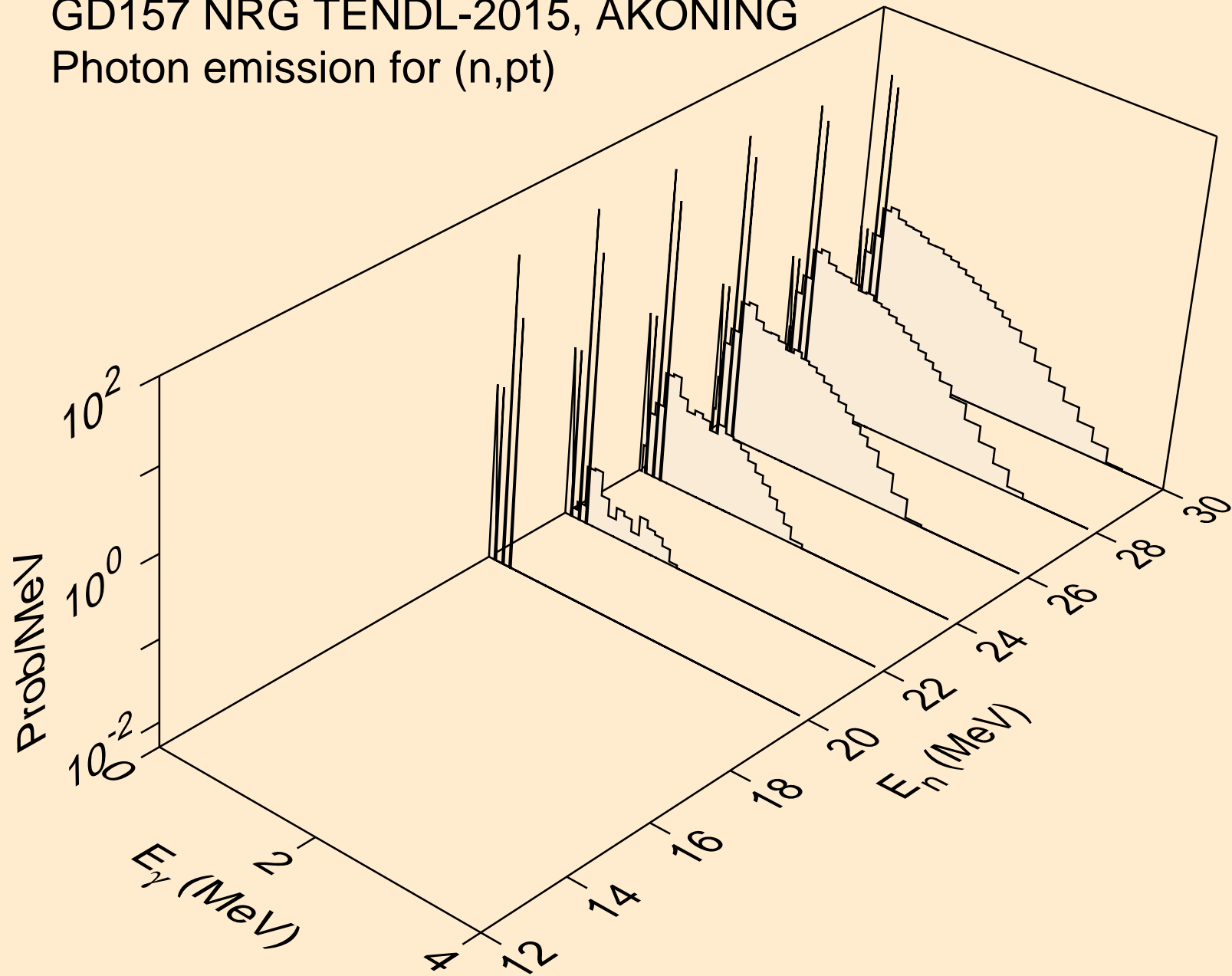
GD157 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)



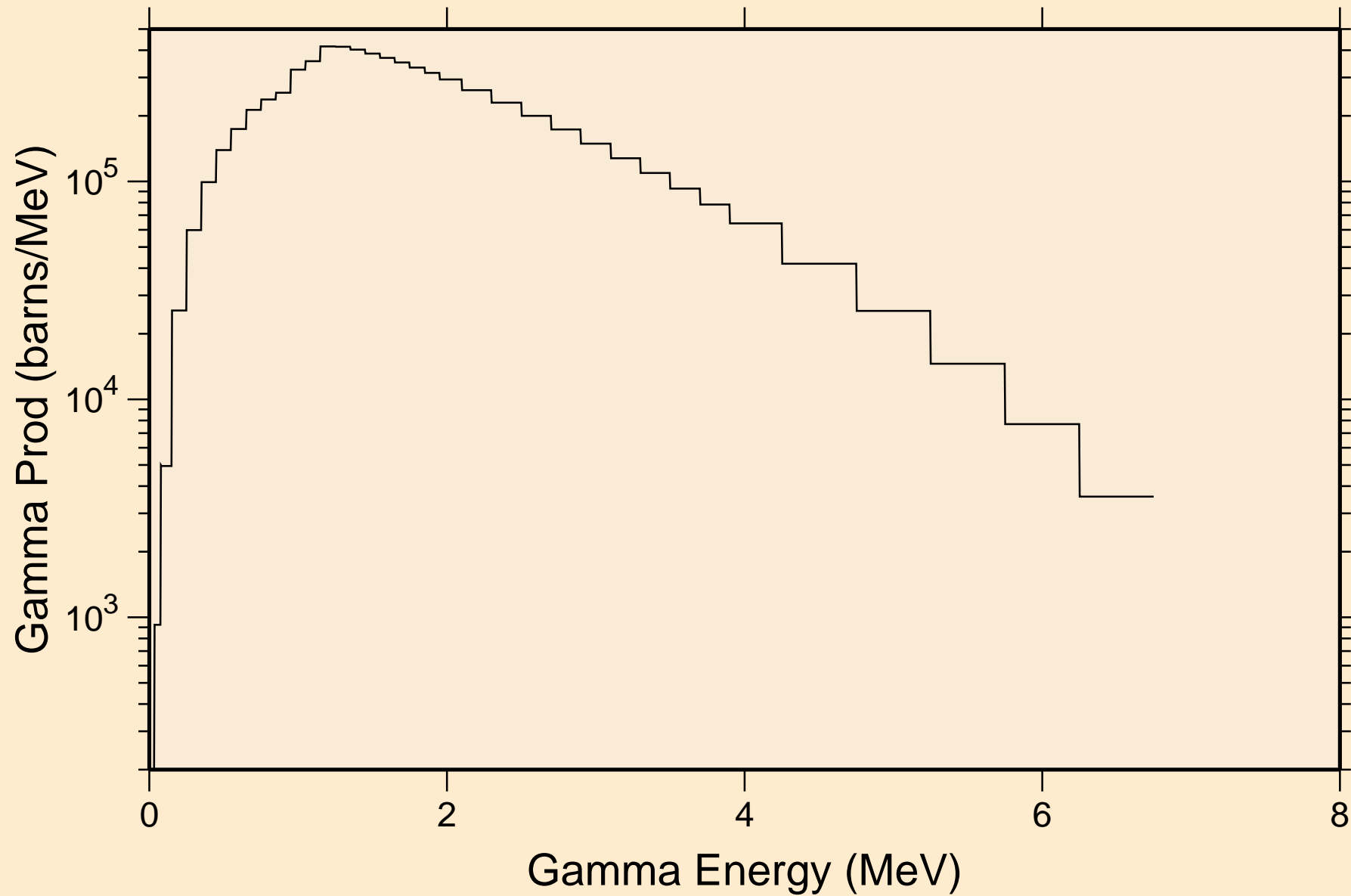
GD157 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



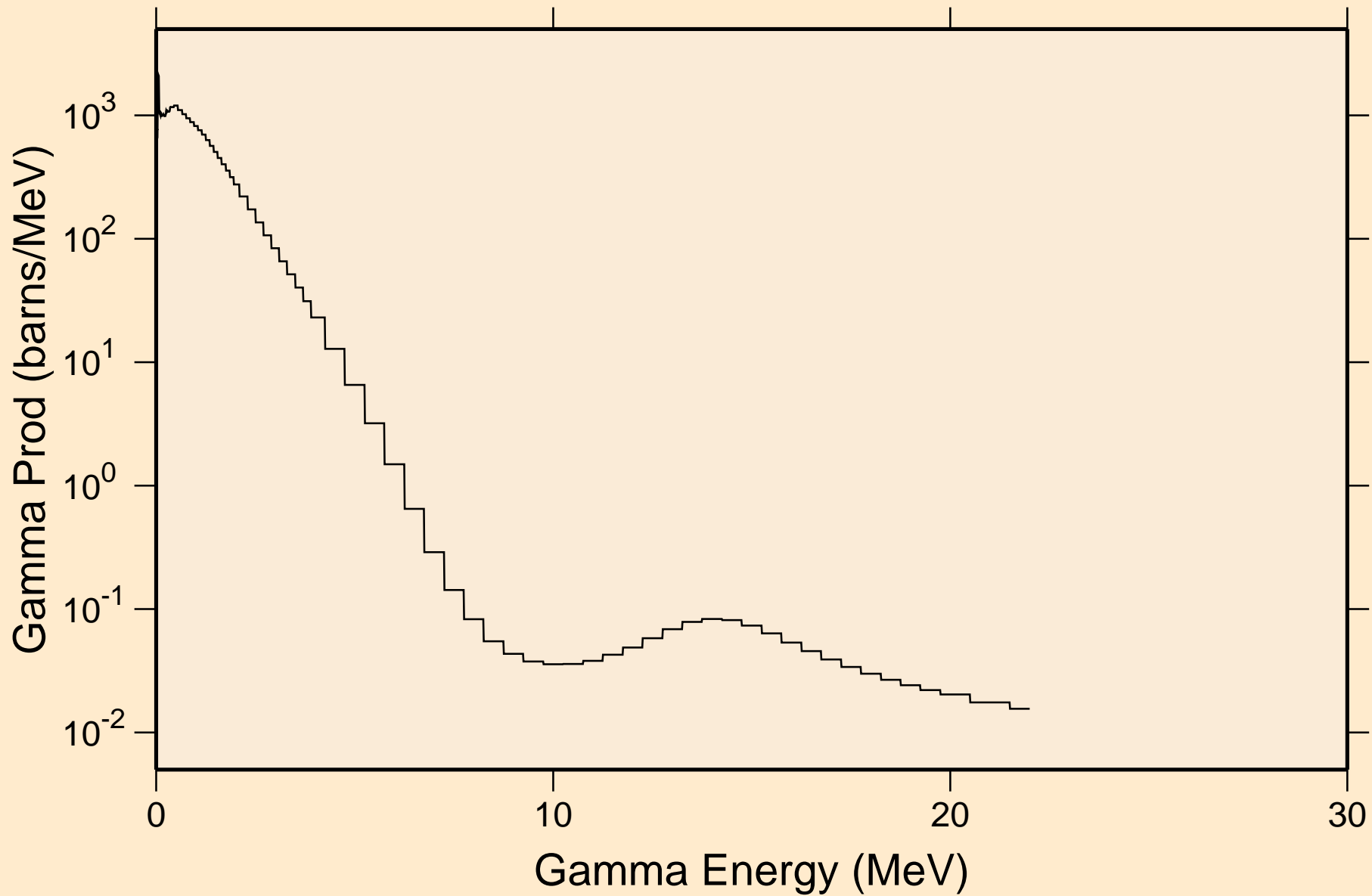
GD157 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



GD157 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

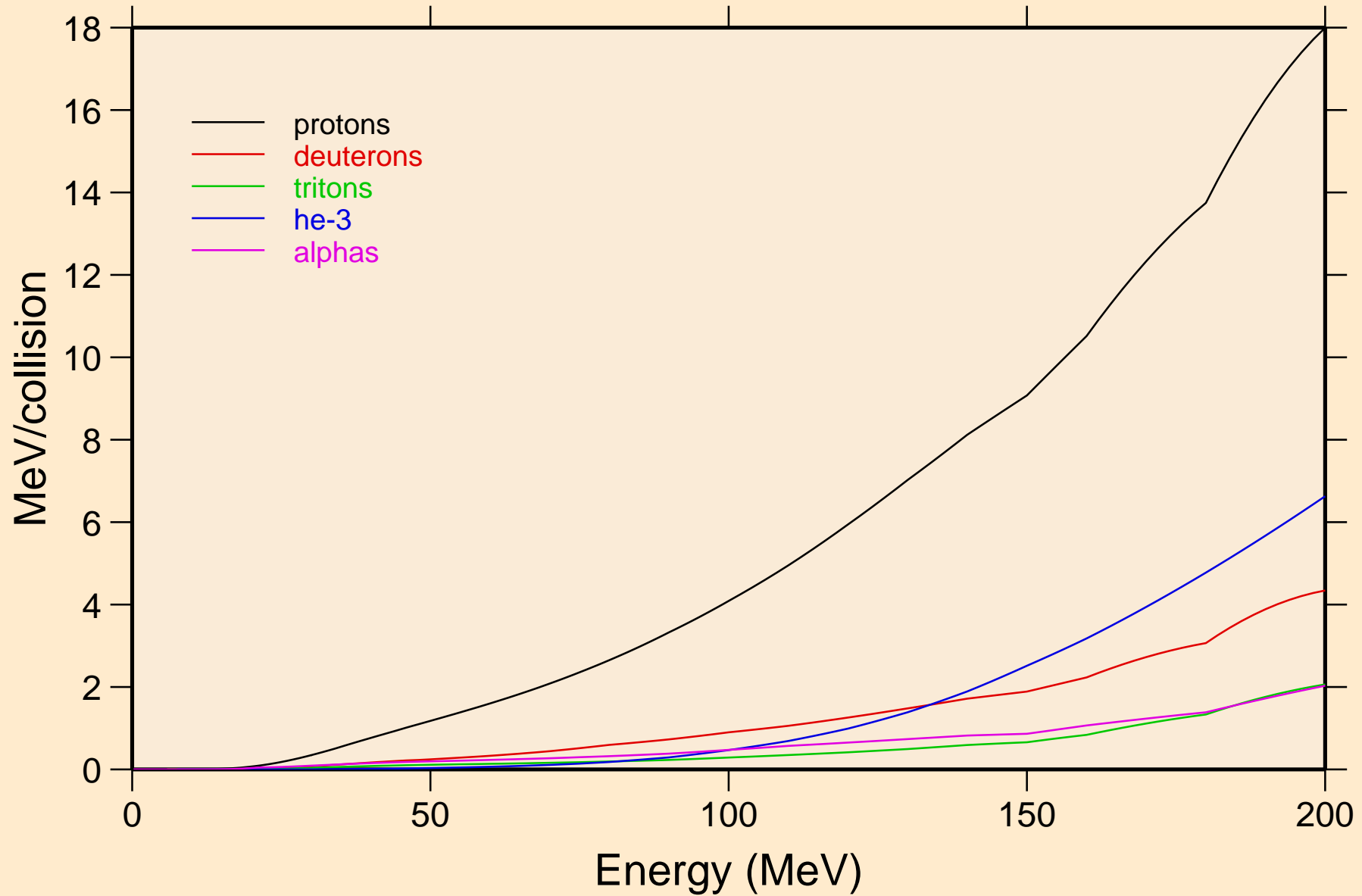


GD157 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



# GD157 NRG TENDL-2015, AKONING

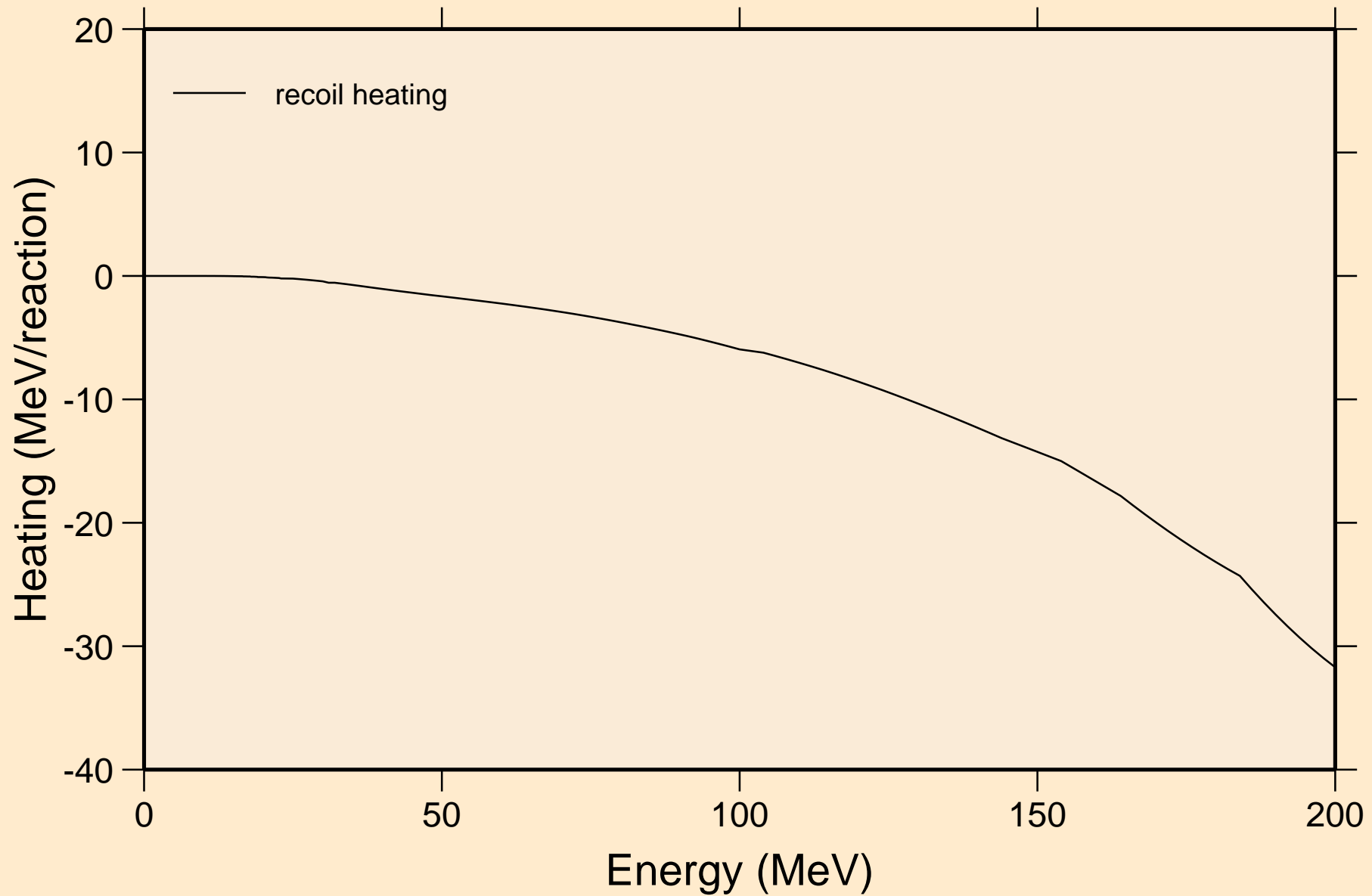
## Particle heating contributions





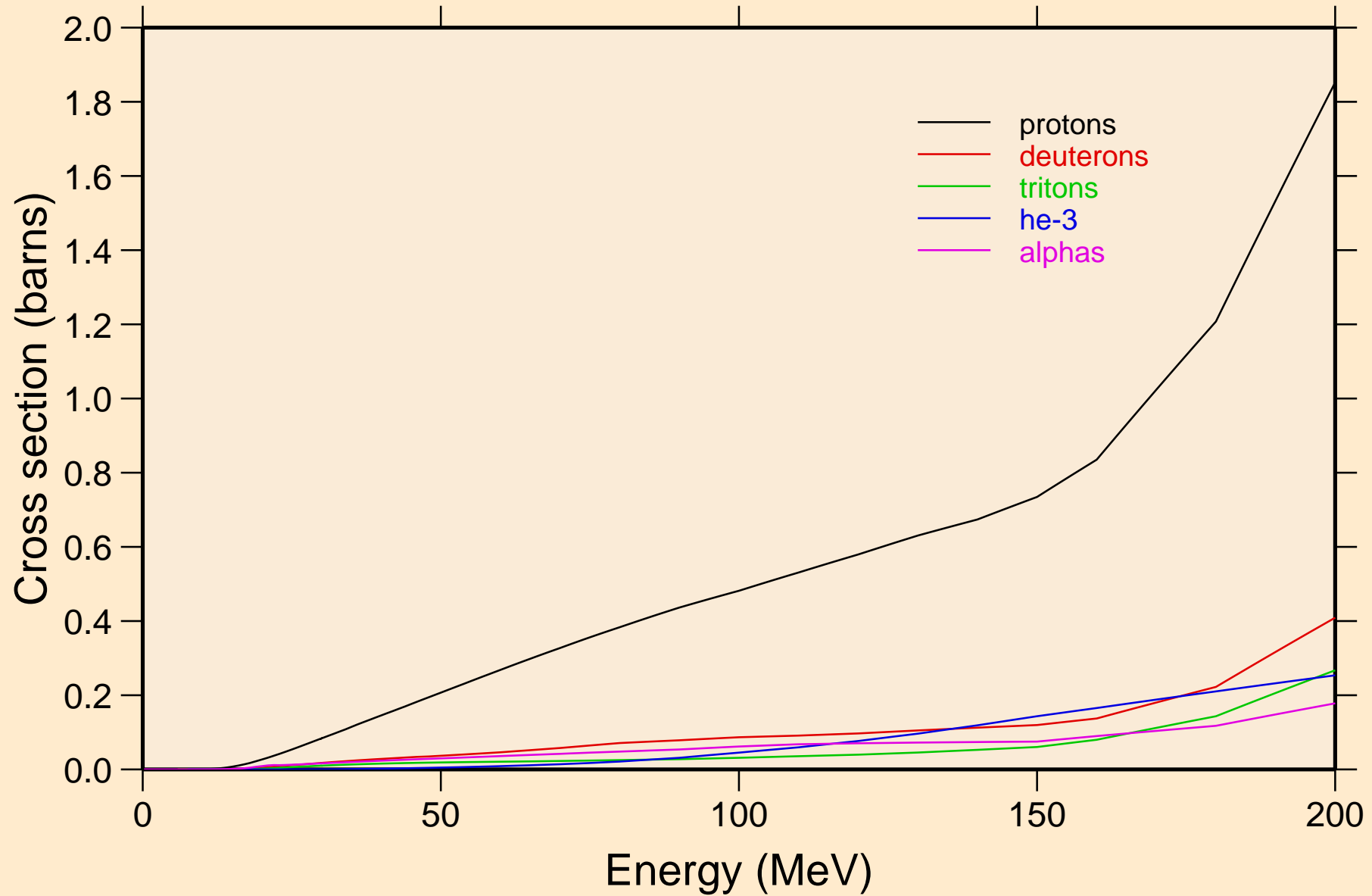
# GD157 NRG TENDL-2015, AKONING

## Recoil Heating

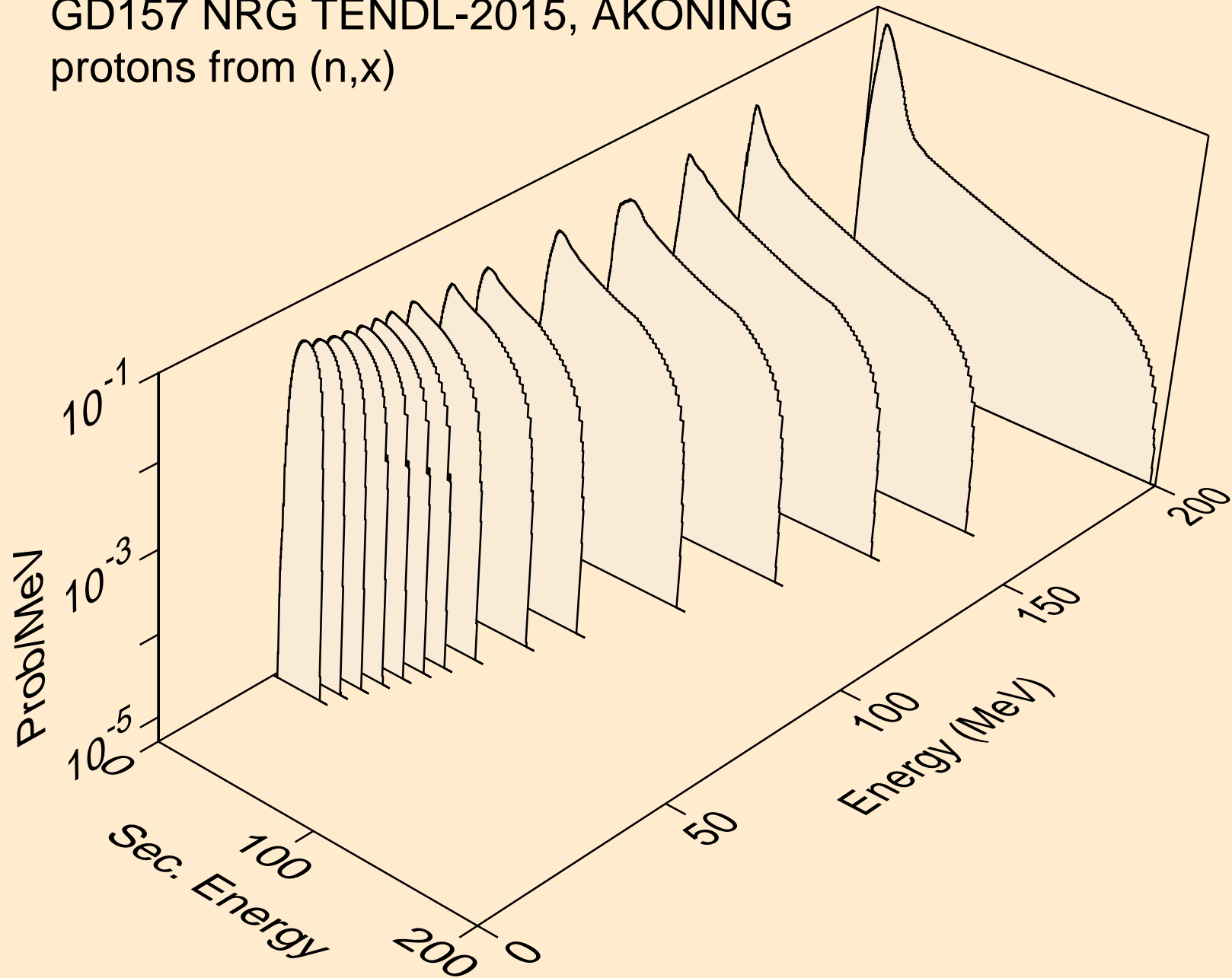


# GD157 NRG TENDL-2015, AKONING

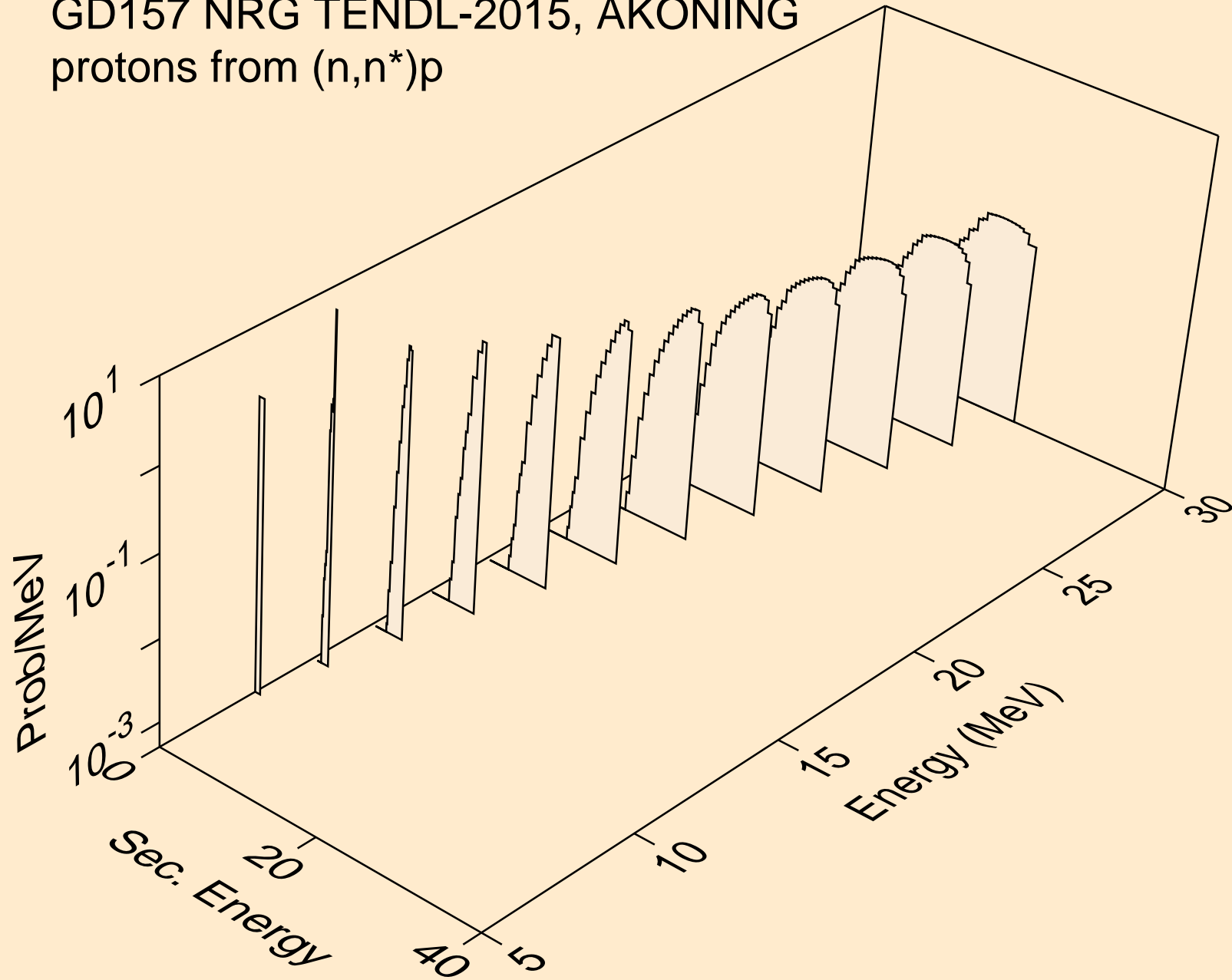
## Particle production cross sections



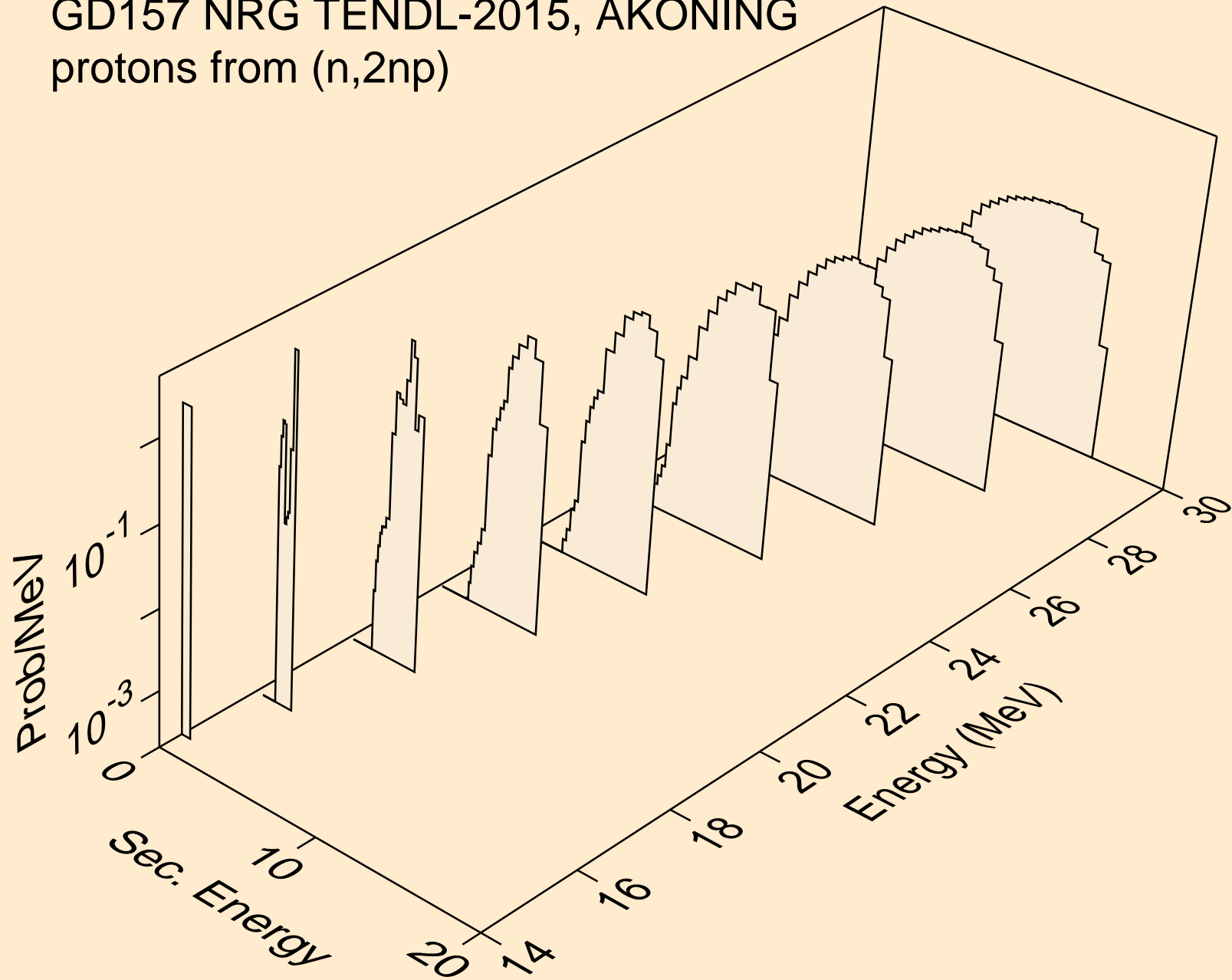
GD157 NRG TENDL-2015, AKONING  
protons from (n,x)



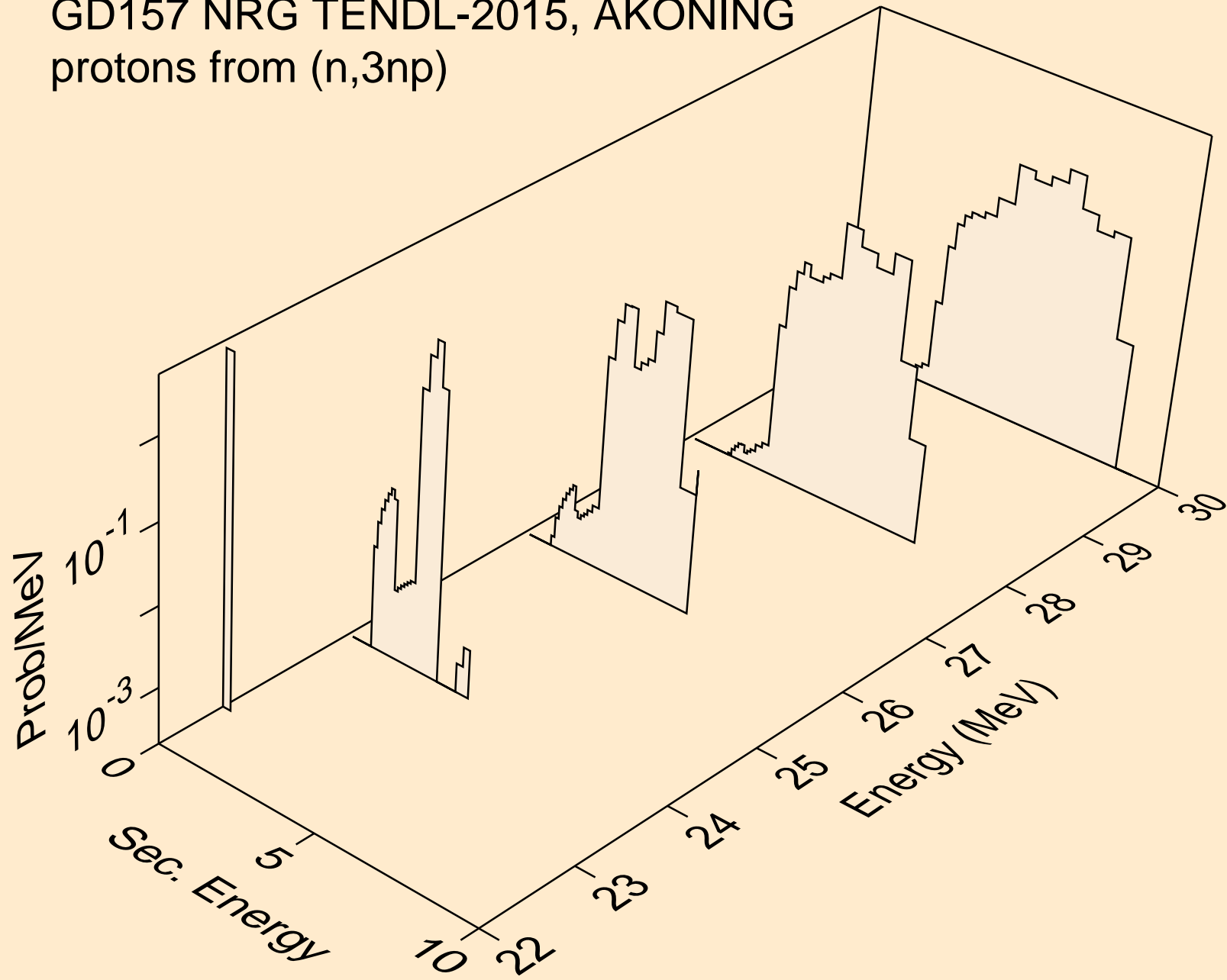
GD157 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



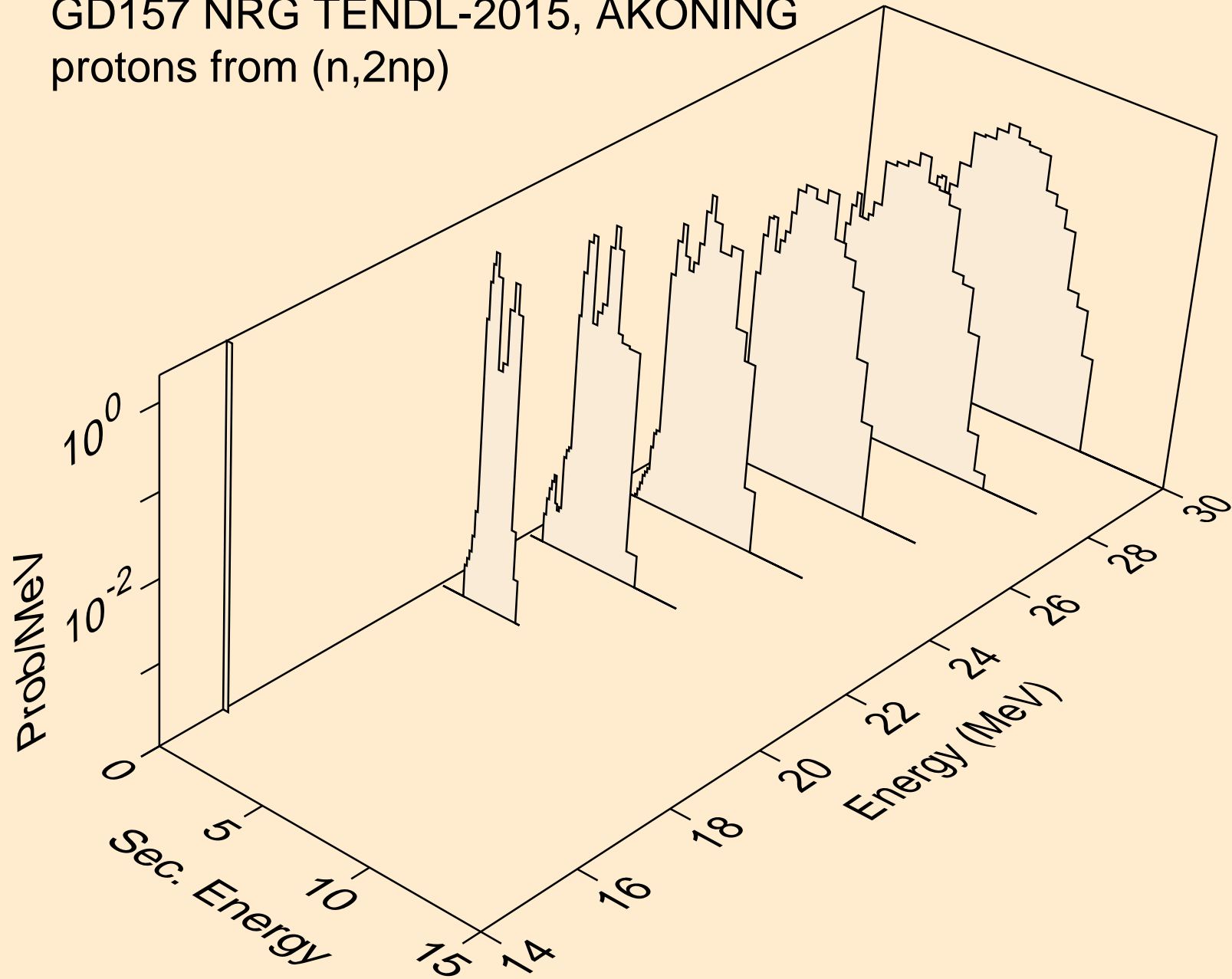
GD157 NRG TENDL-2015, AKONING  
protons from (n,2np)



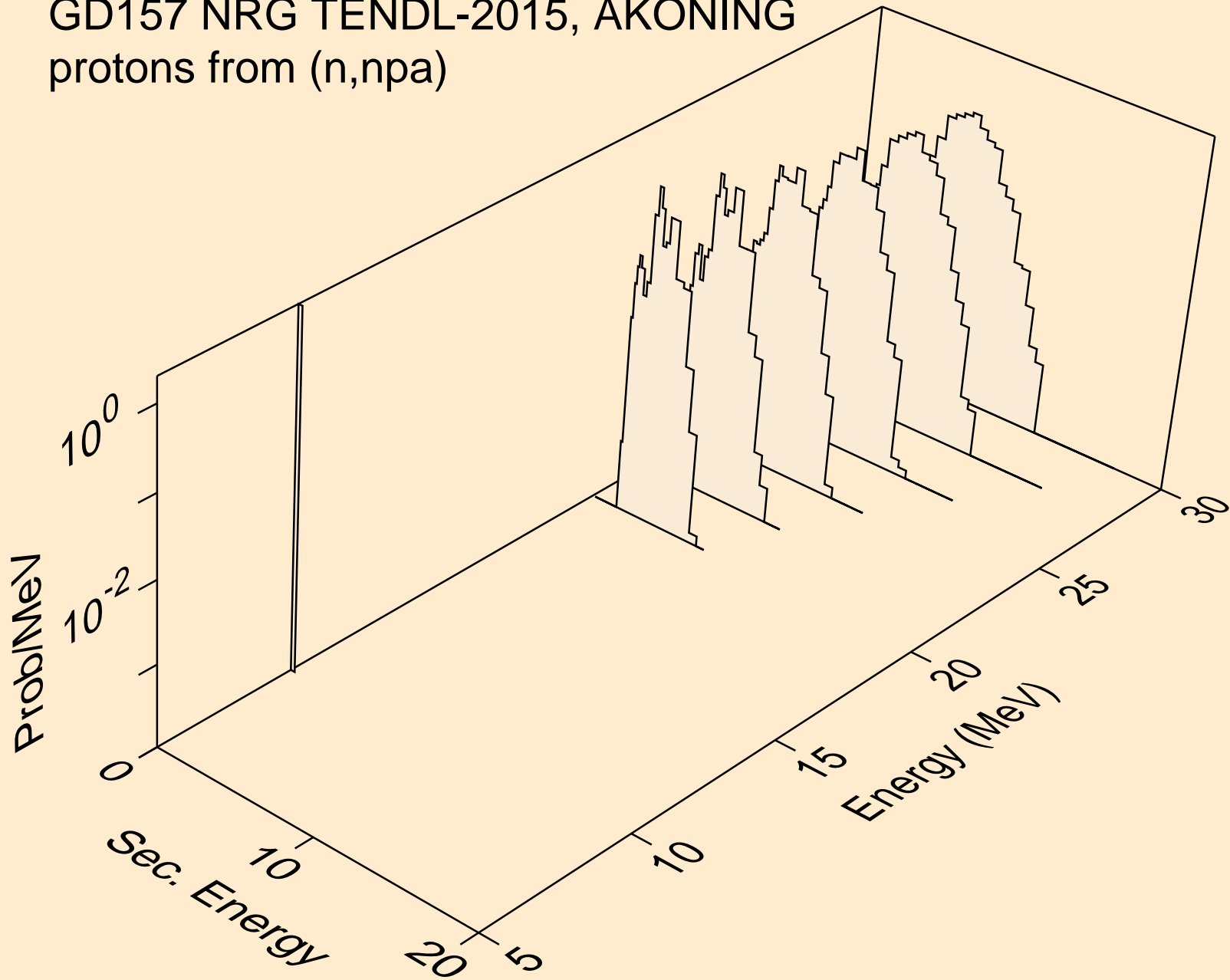
GD157 NRG TENDL-2015, AKONING  
protons from (n,3np)



GD157 NRG TENDL-2015, AKONING  
protons from (n,2np)

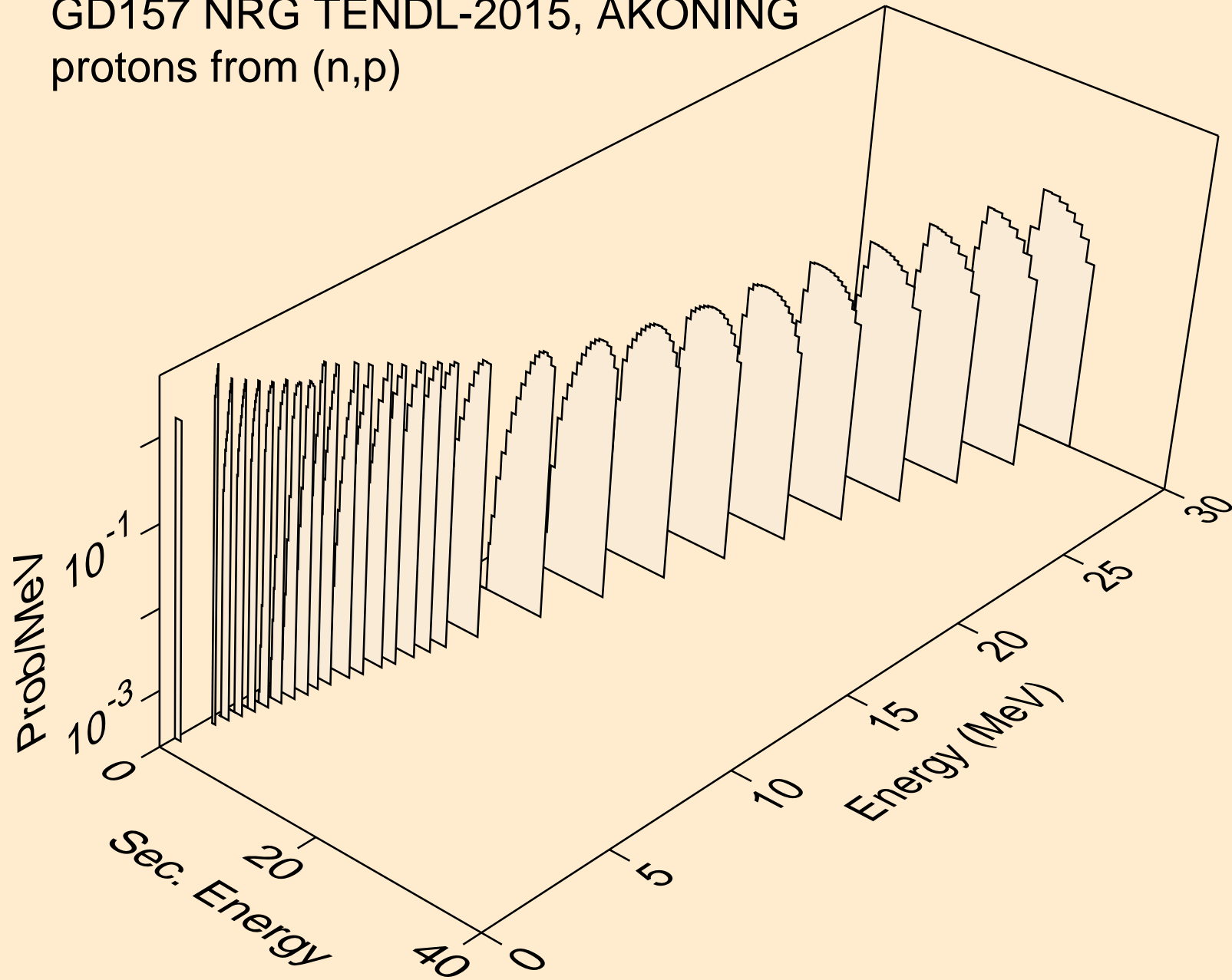


GD157 NRG TENDL-2015, AKONING  
protons from (n,npa)

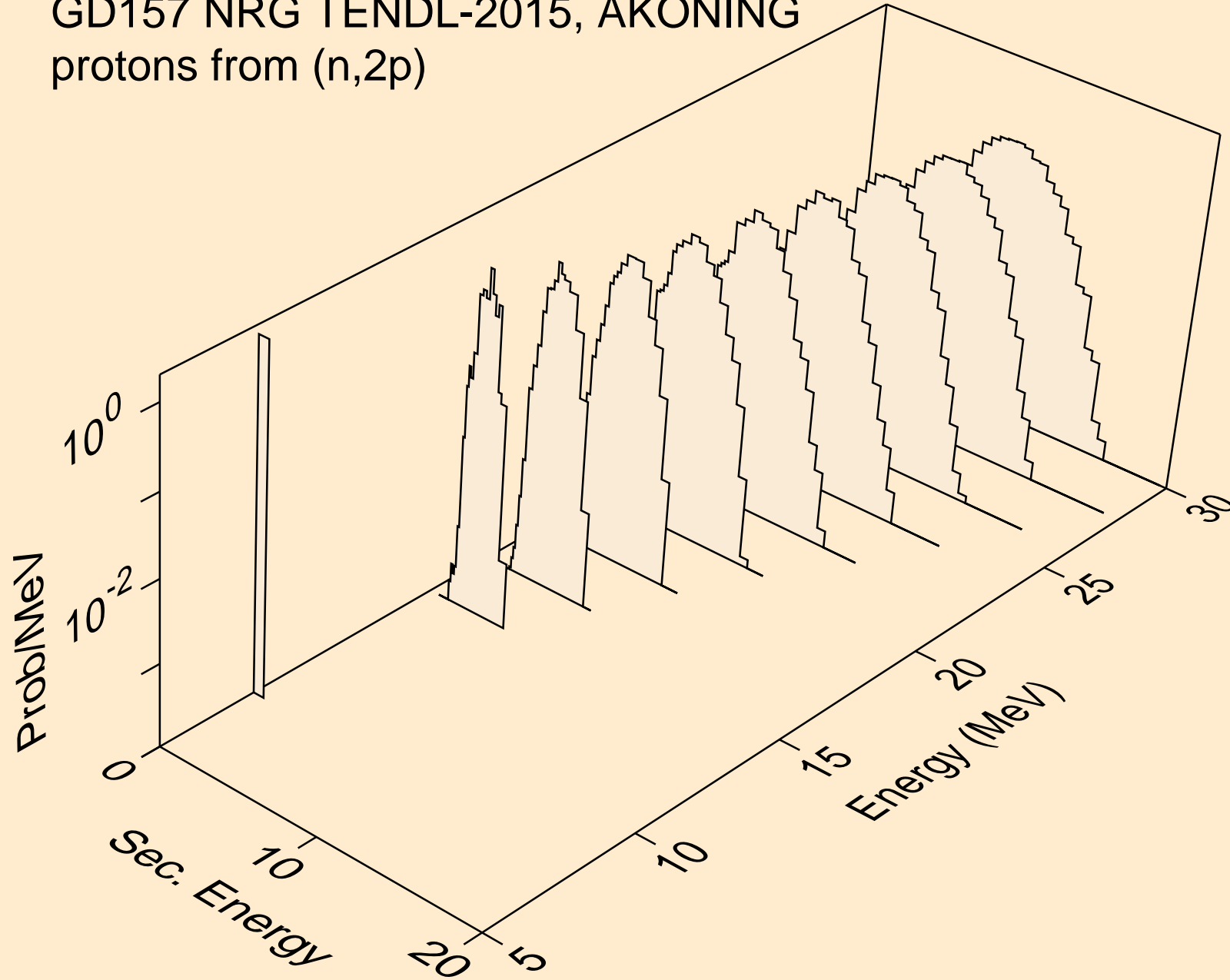




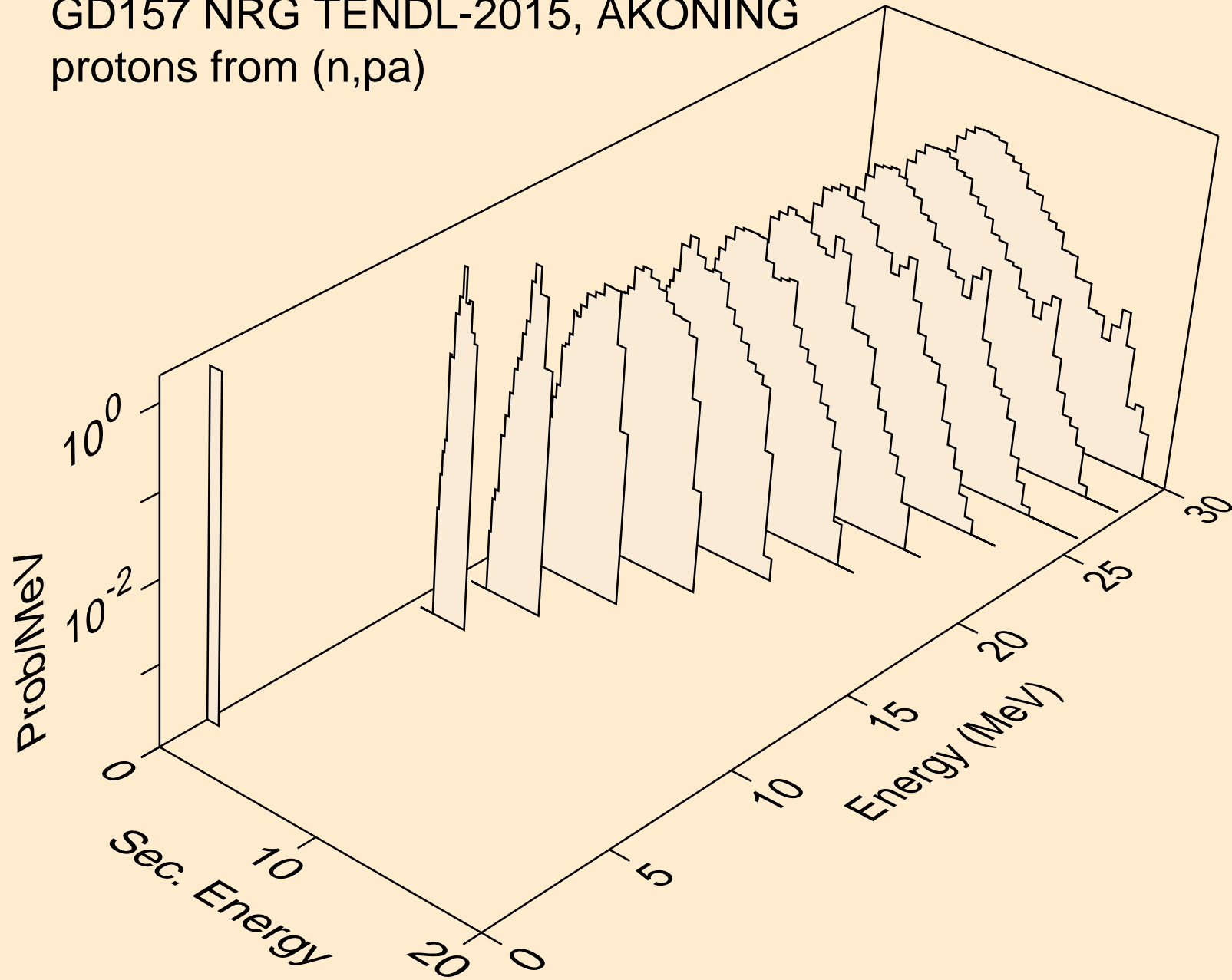
GD157 NRG TENDL-2015, AKONING  
protons from (n,p)



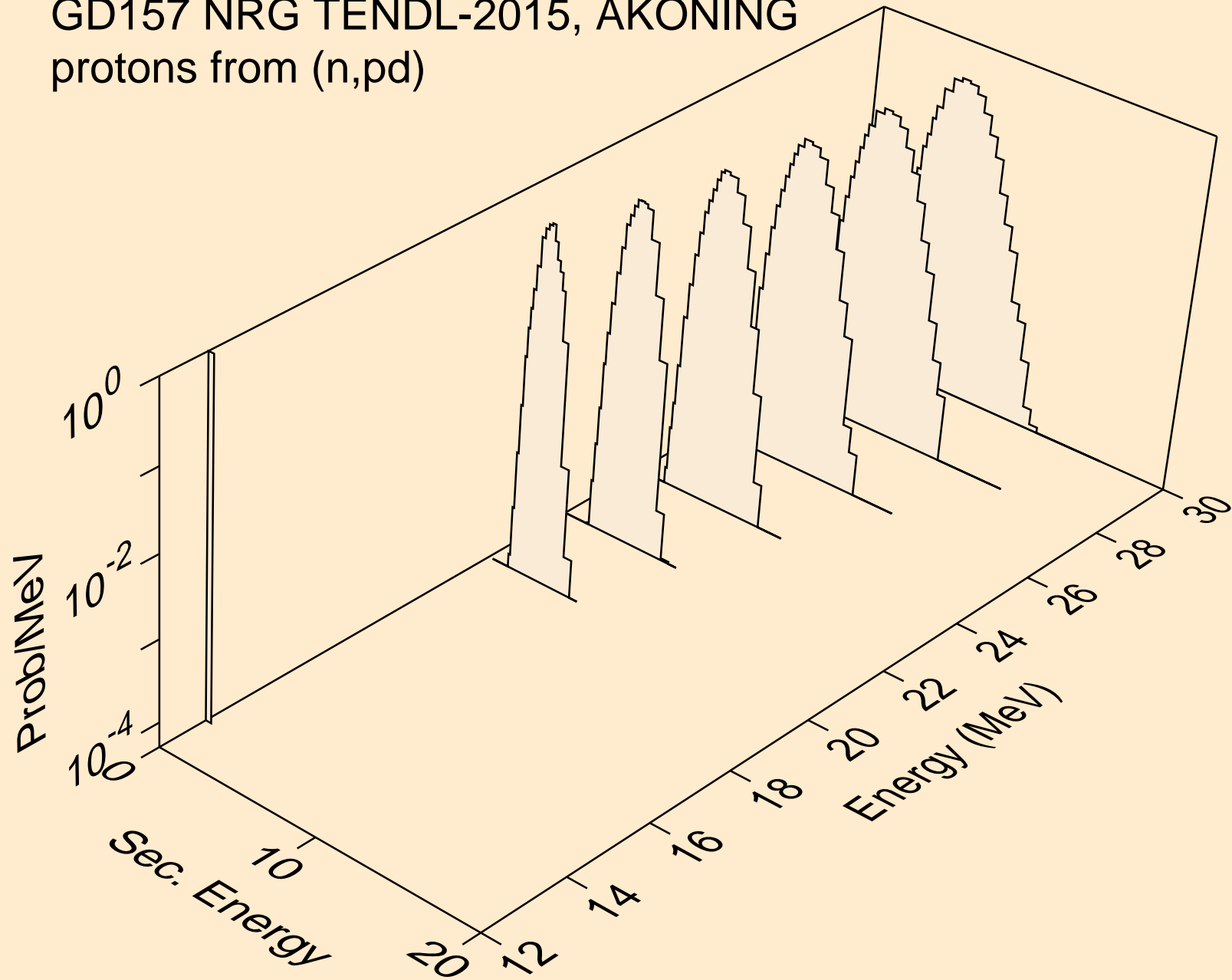
GD157 NRG TENDL-2015, AKONING  
protons from (n,2p)



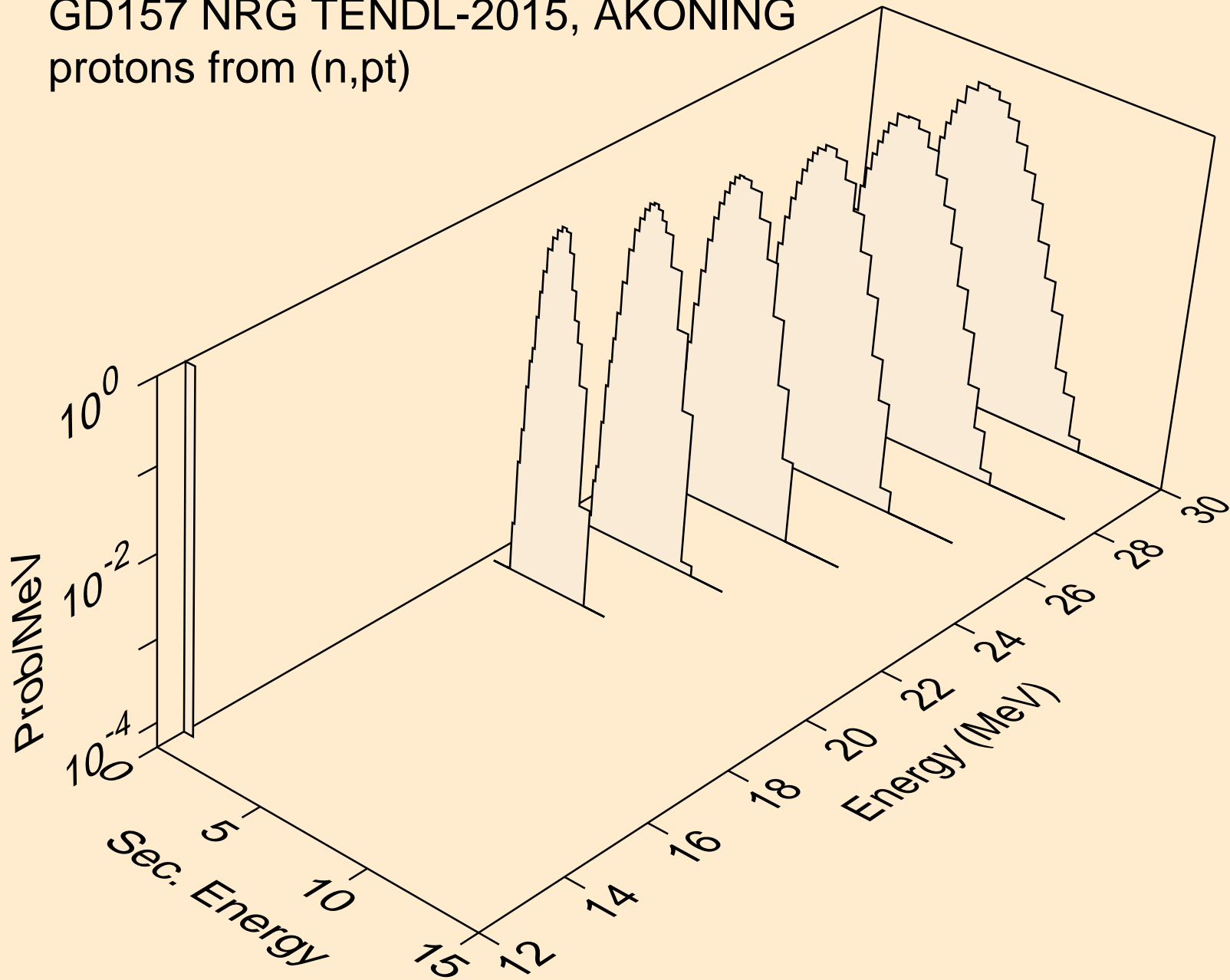
GD157 NRG TENDL-2015, AKONING  
protons from (n,pa)



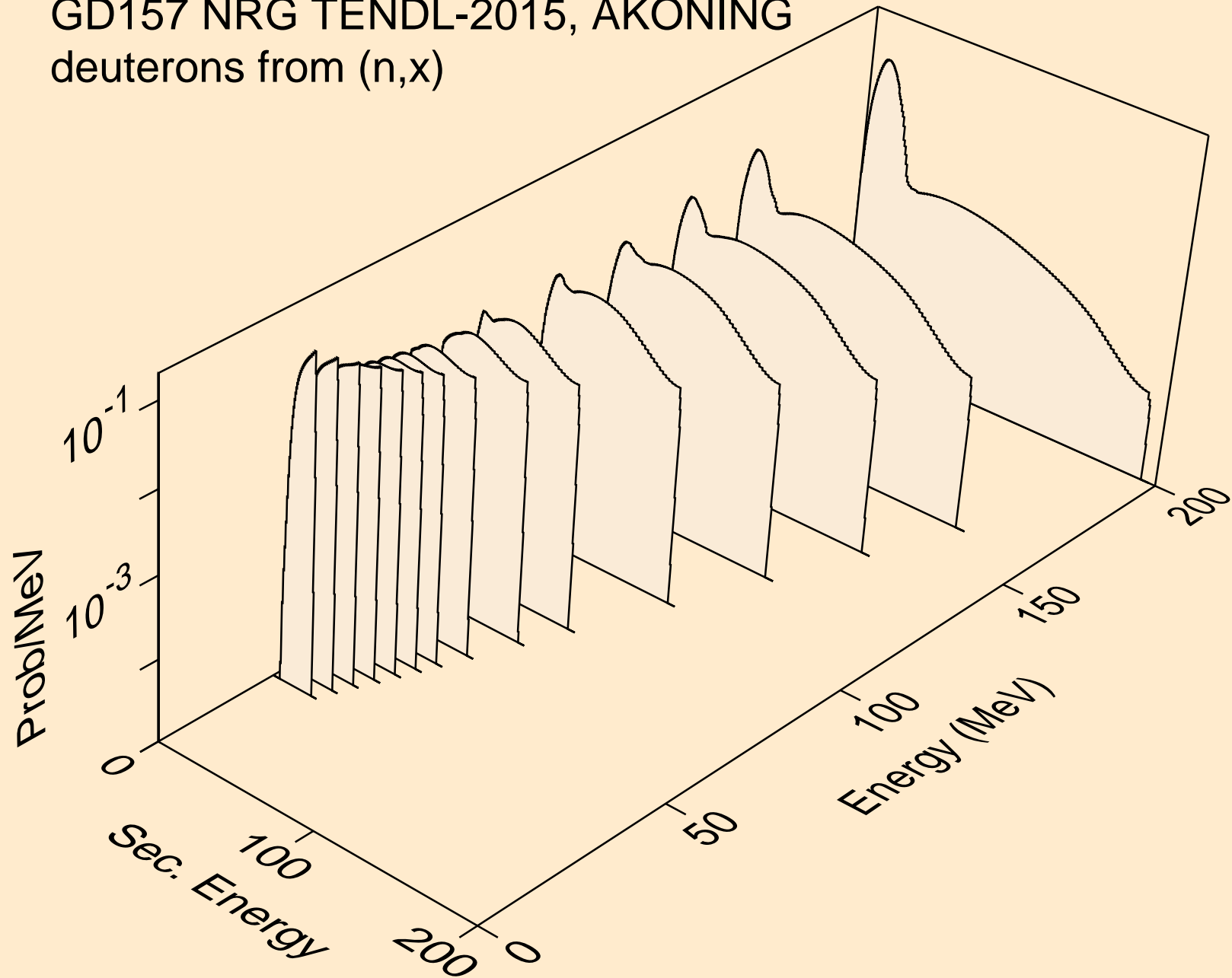
GD157 NRG TENDL-2015, AKONING  
protons from (n,pd)



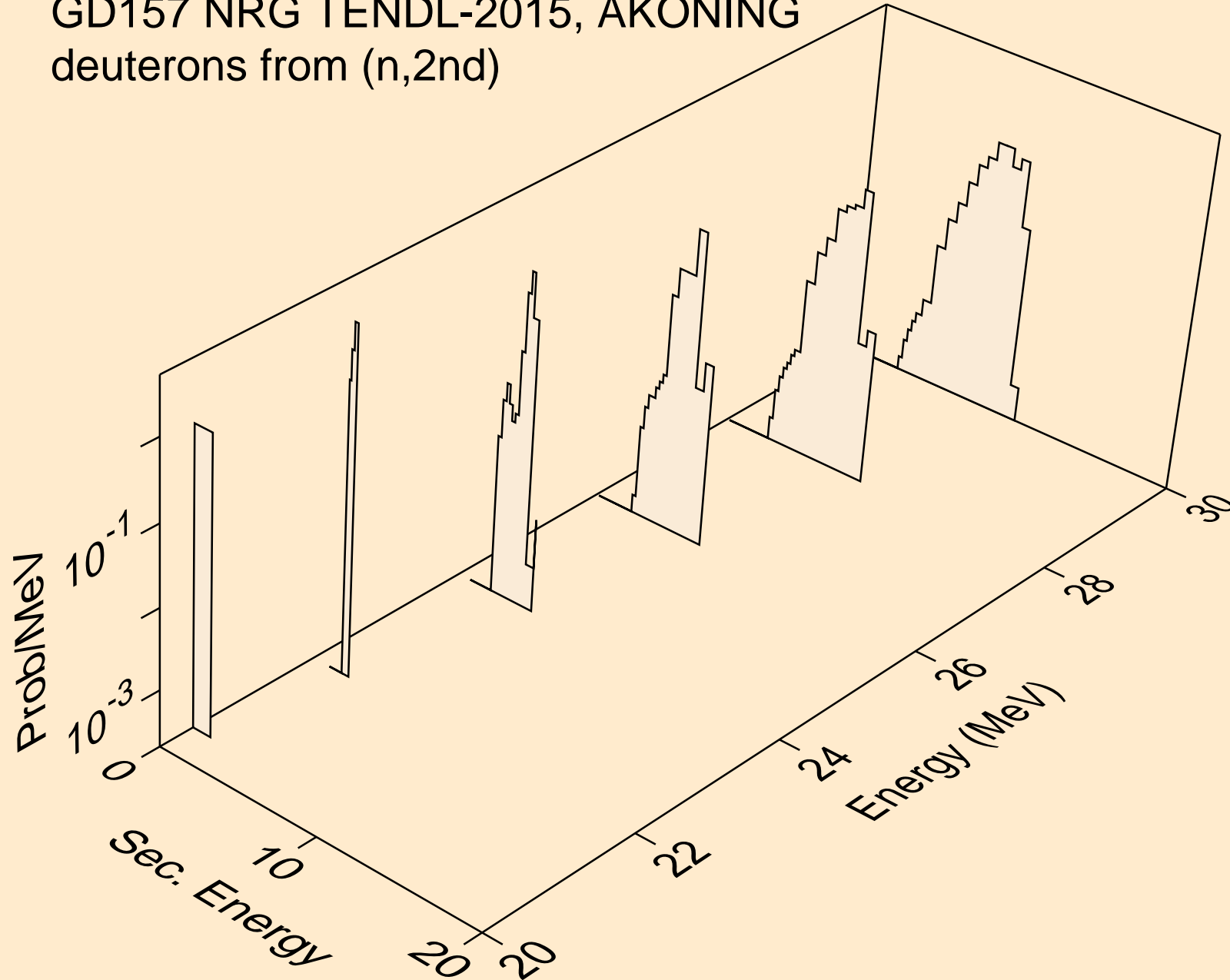
GD157 NRG TENDL-2015, AKONING  
protons from (n,pt)



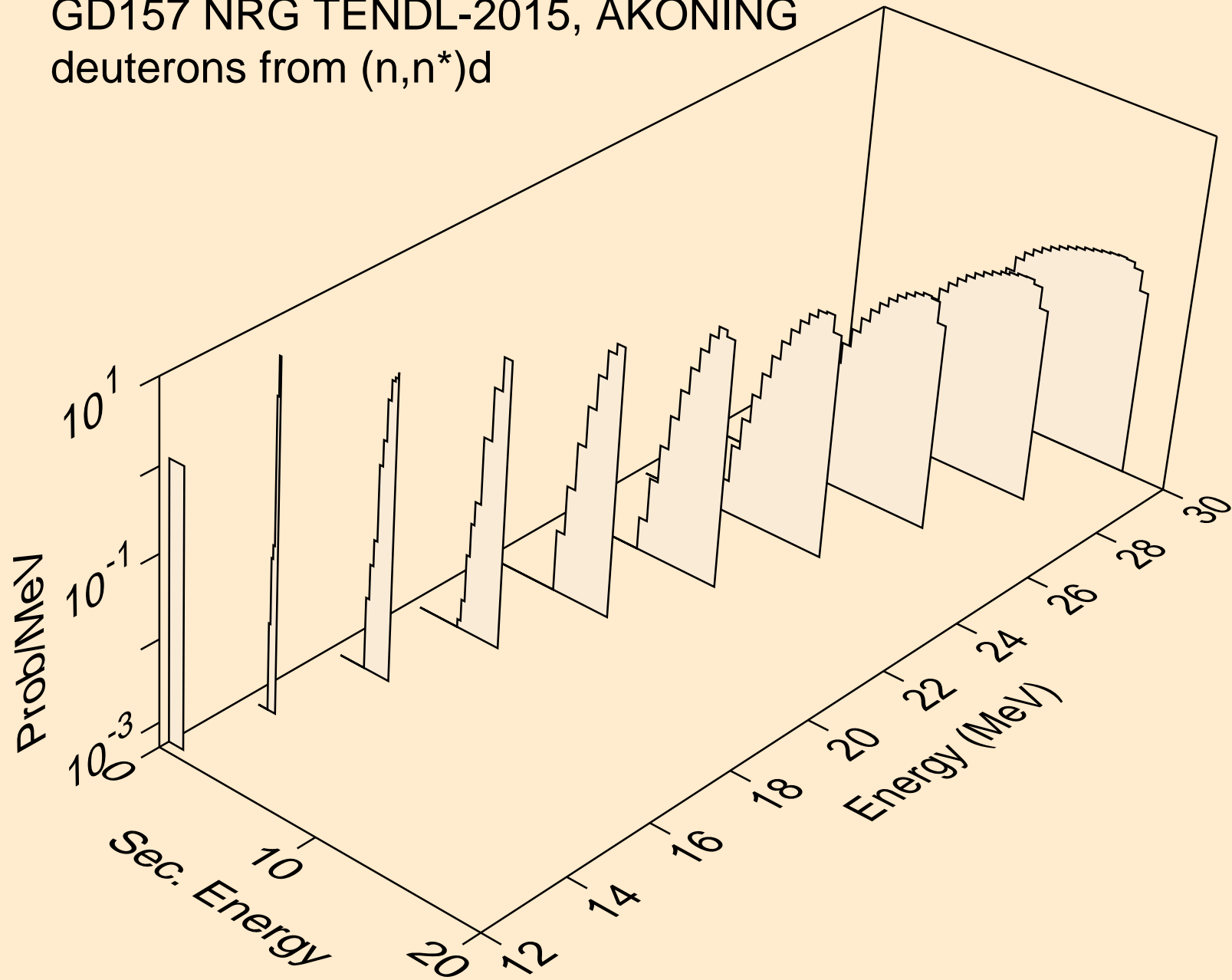
GD157 NRG TENDL-2015, AKONING  
deuterons from (n,x)



GD157 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)

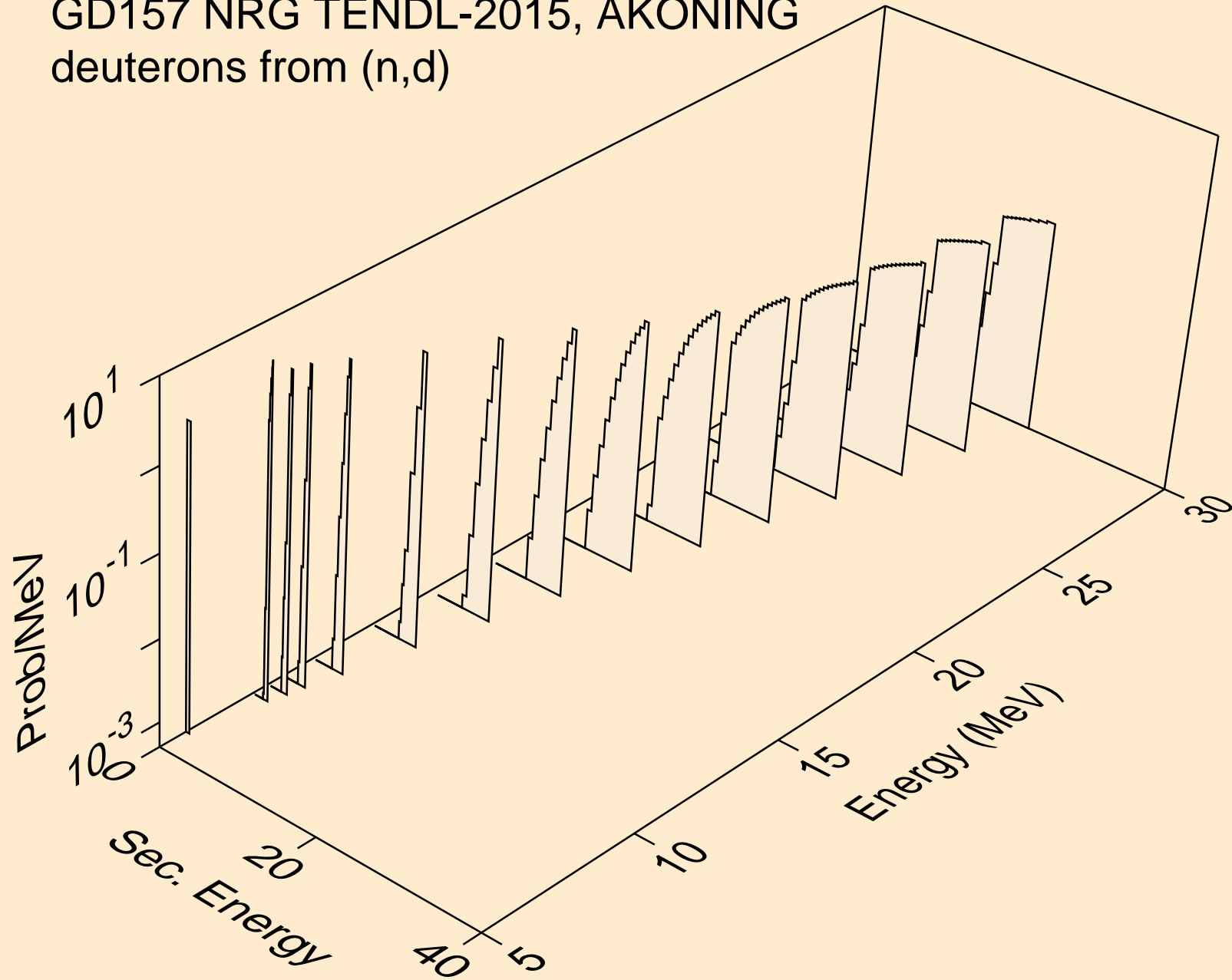


GD157 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d

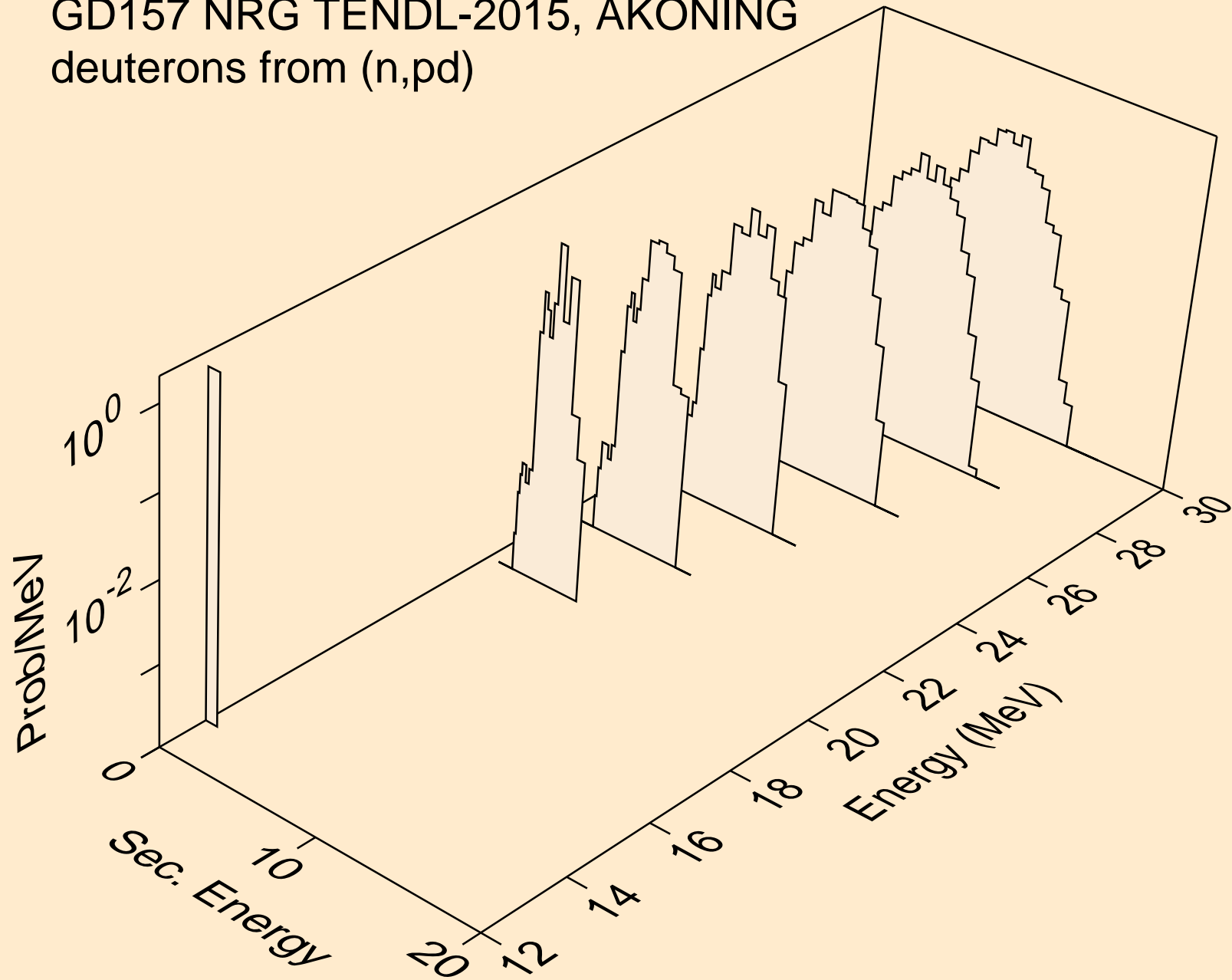




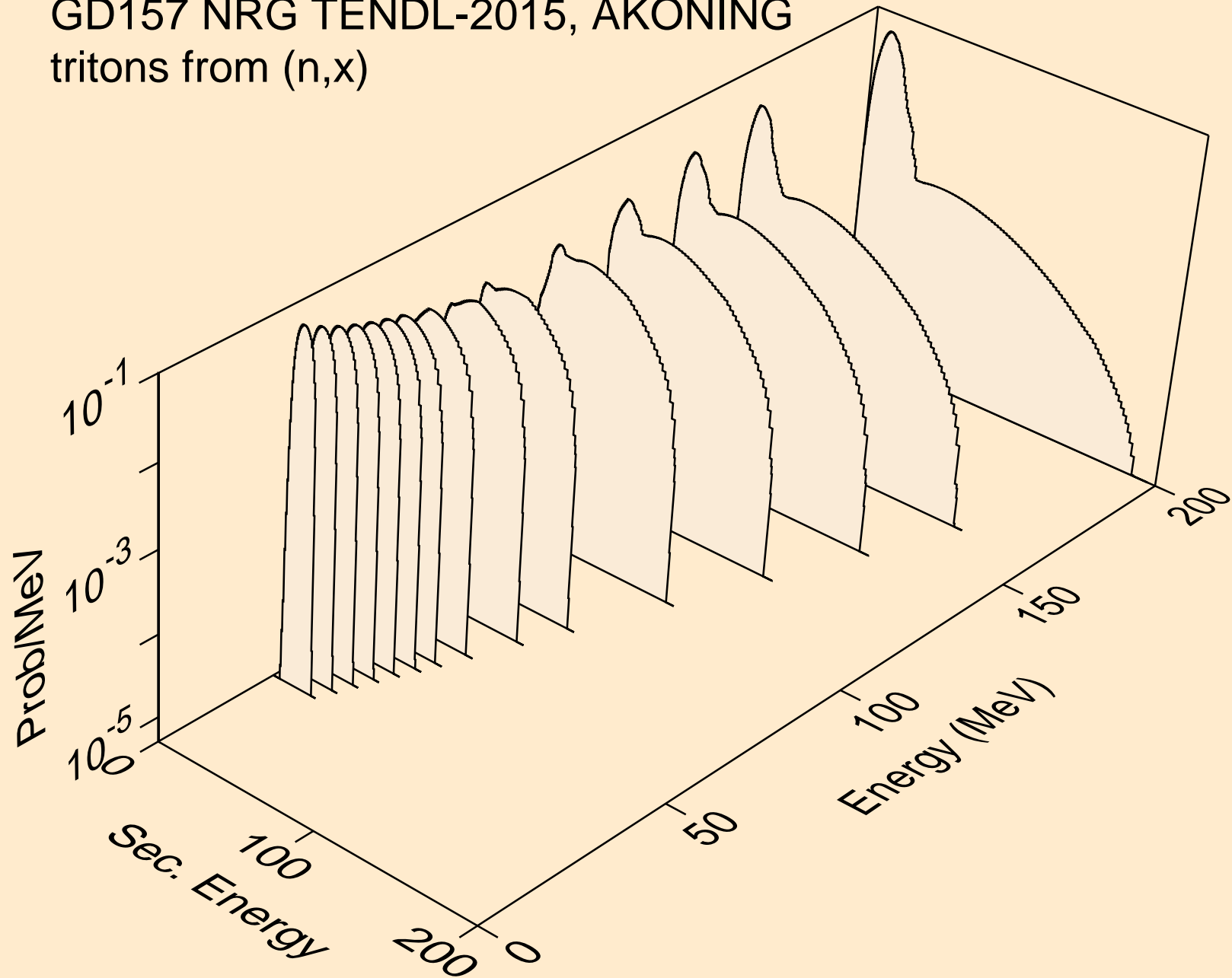
GD157 NRG TENDL-2015, AKONING  
deuterons from (n,d)



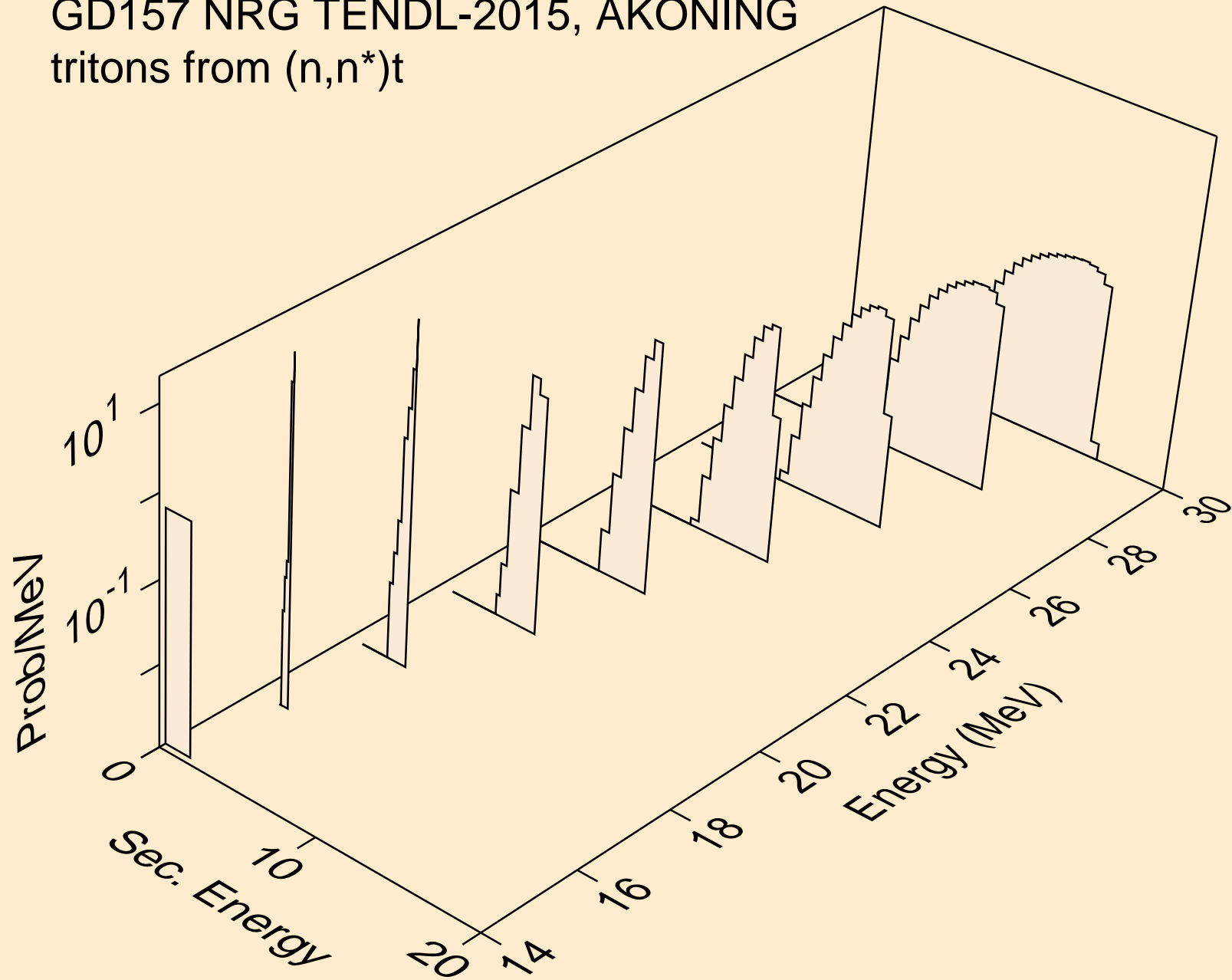
GD157 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



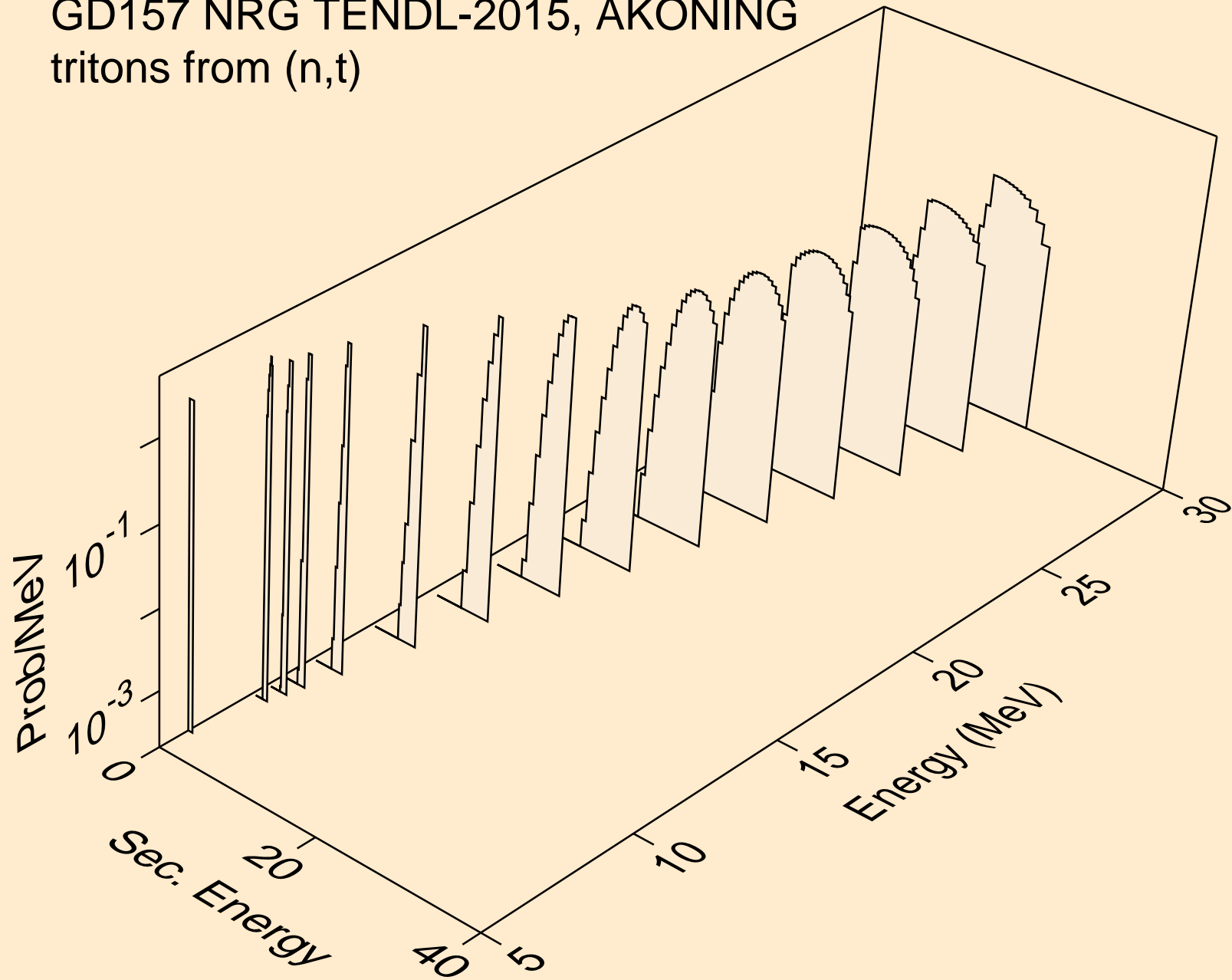
GD157 NRG TENDL-2015, AKONING  
tritons from (n,x)



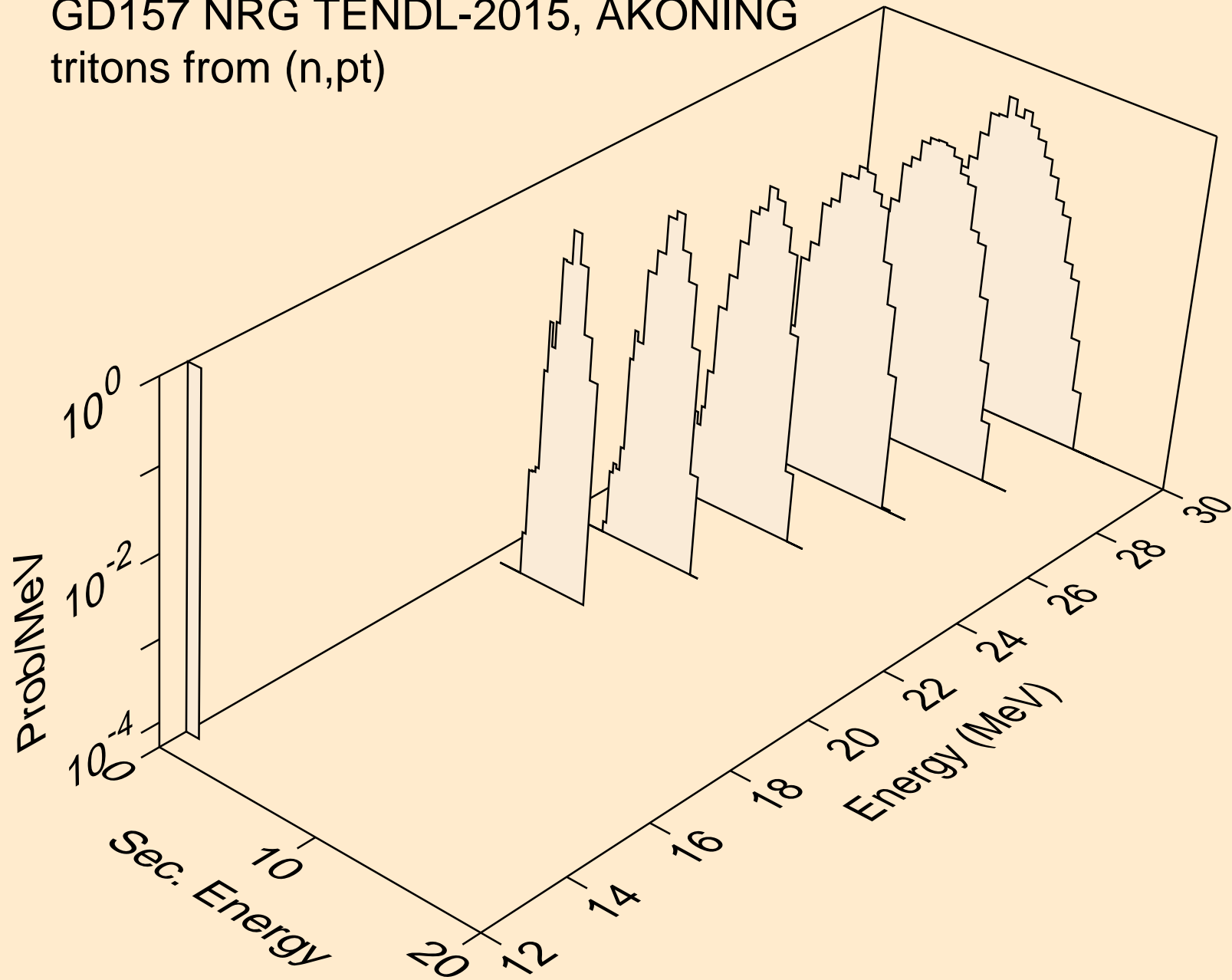
GD157 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



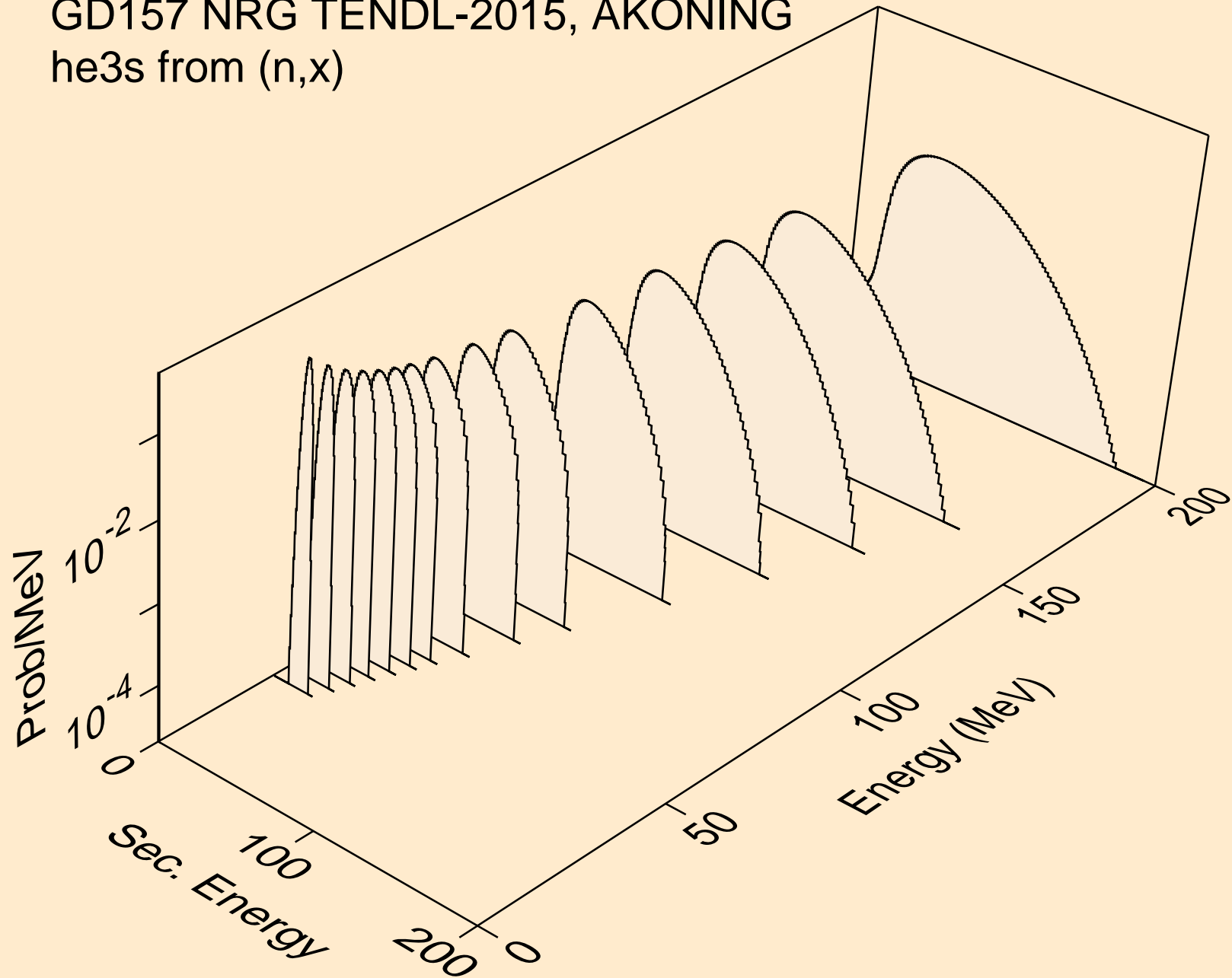
GD157 NRG TENDL-2015, AKONING  
tritons from (n,t)



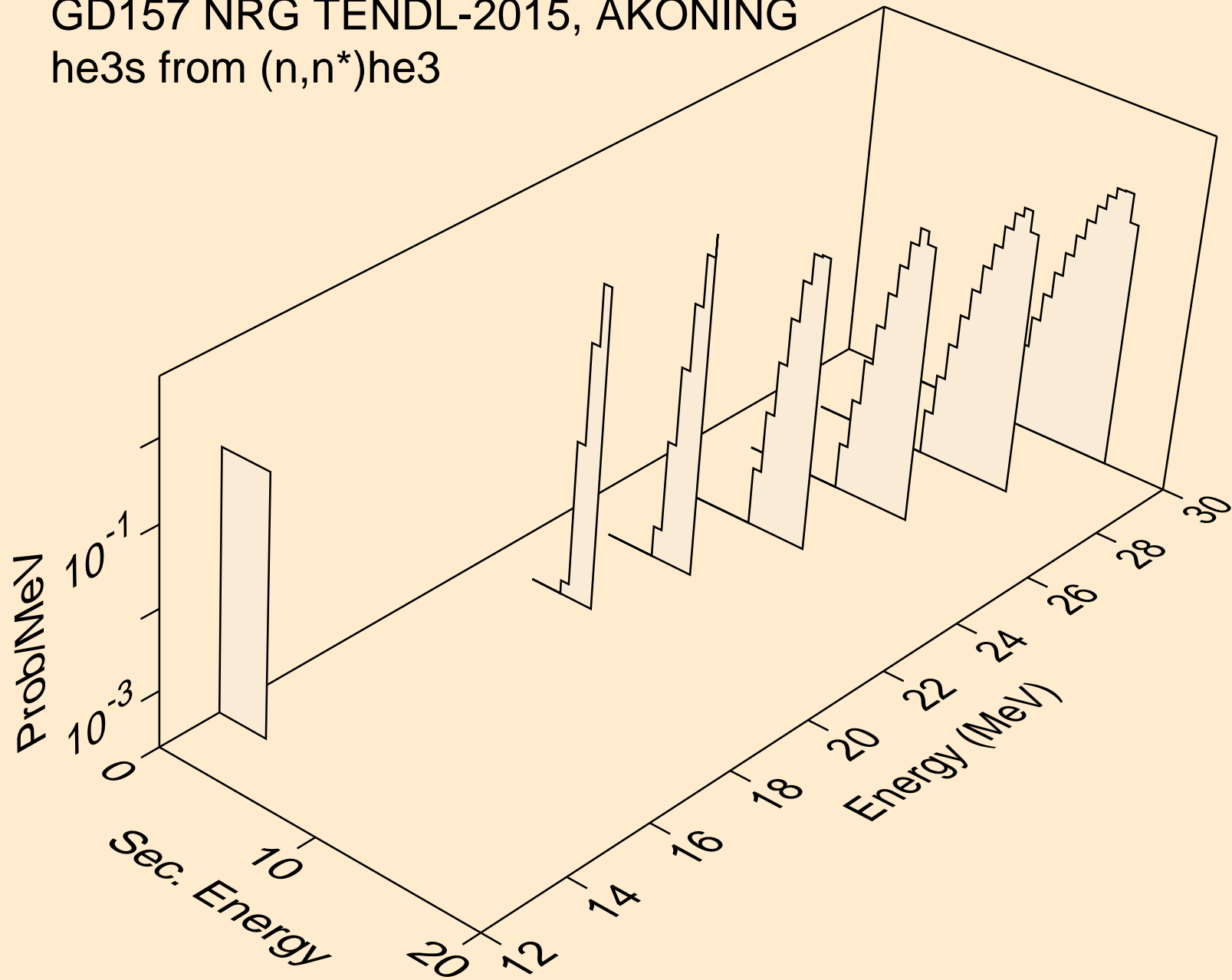
GD157 NRG TENDL-2015, AKONING  
tritons from (n,pt)



GD157 NRG TENDL-2015, AKONING  
he3s from (n,x)

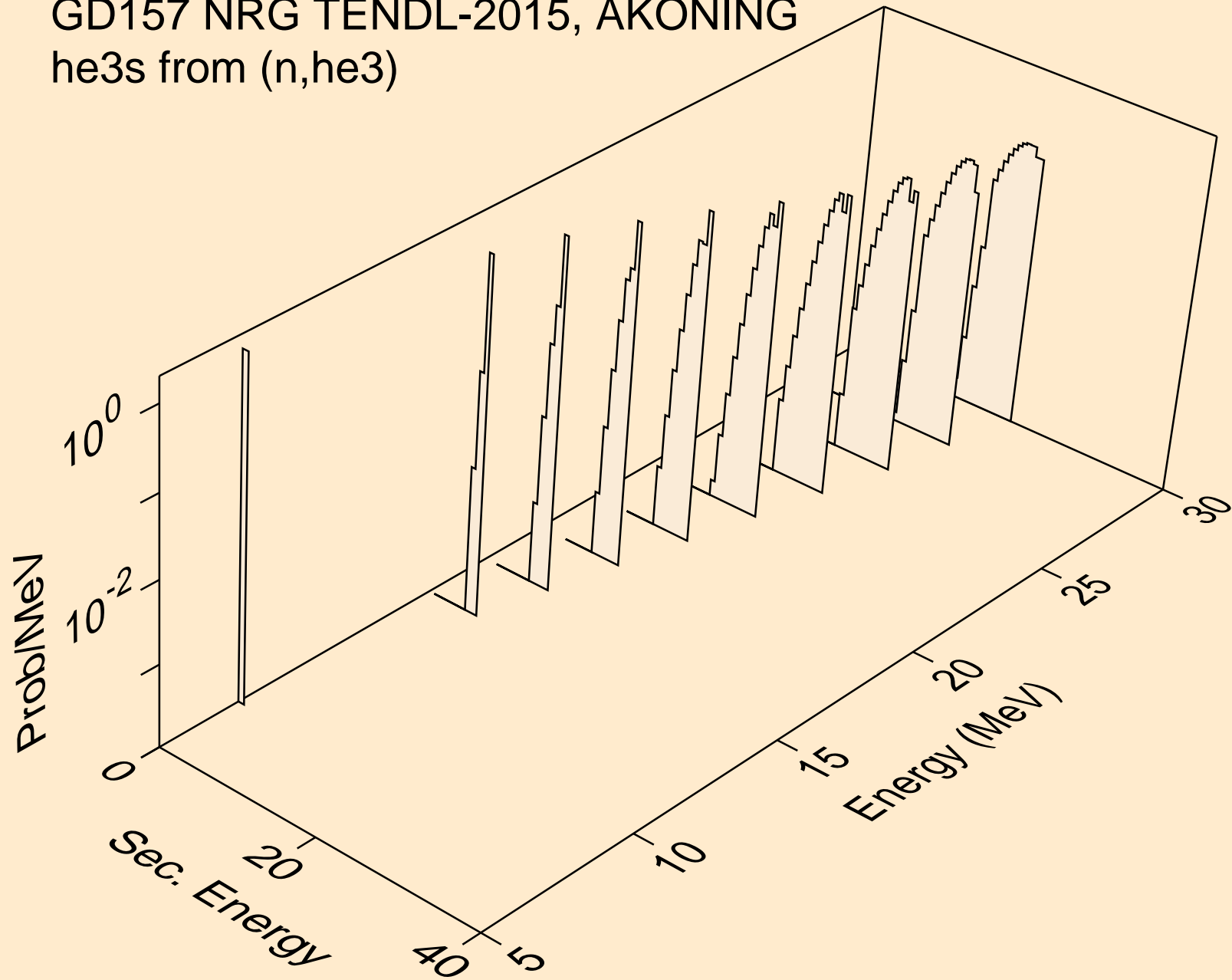


GD157 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3

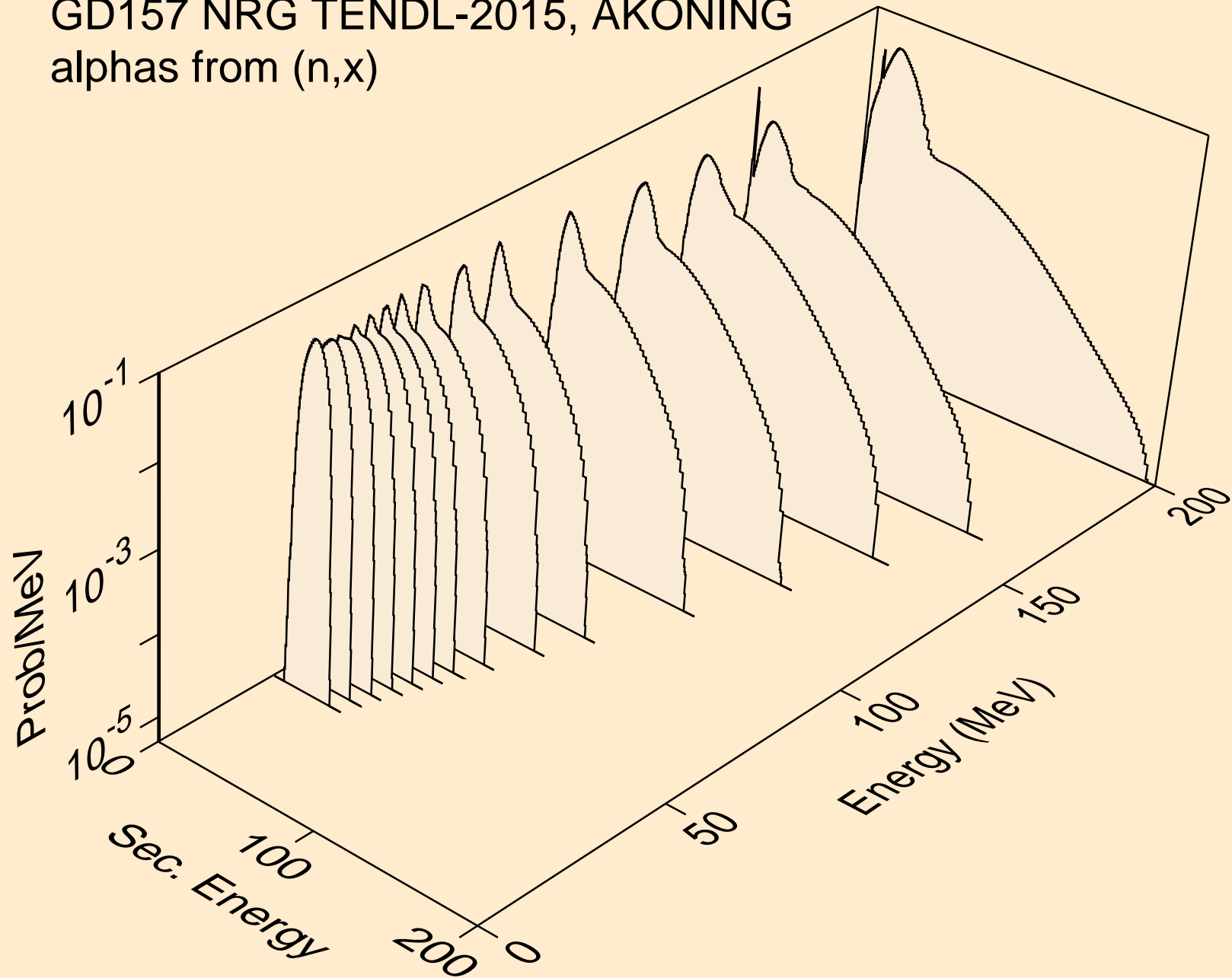




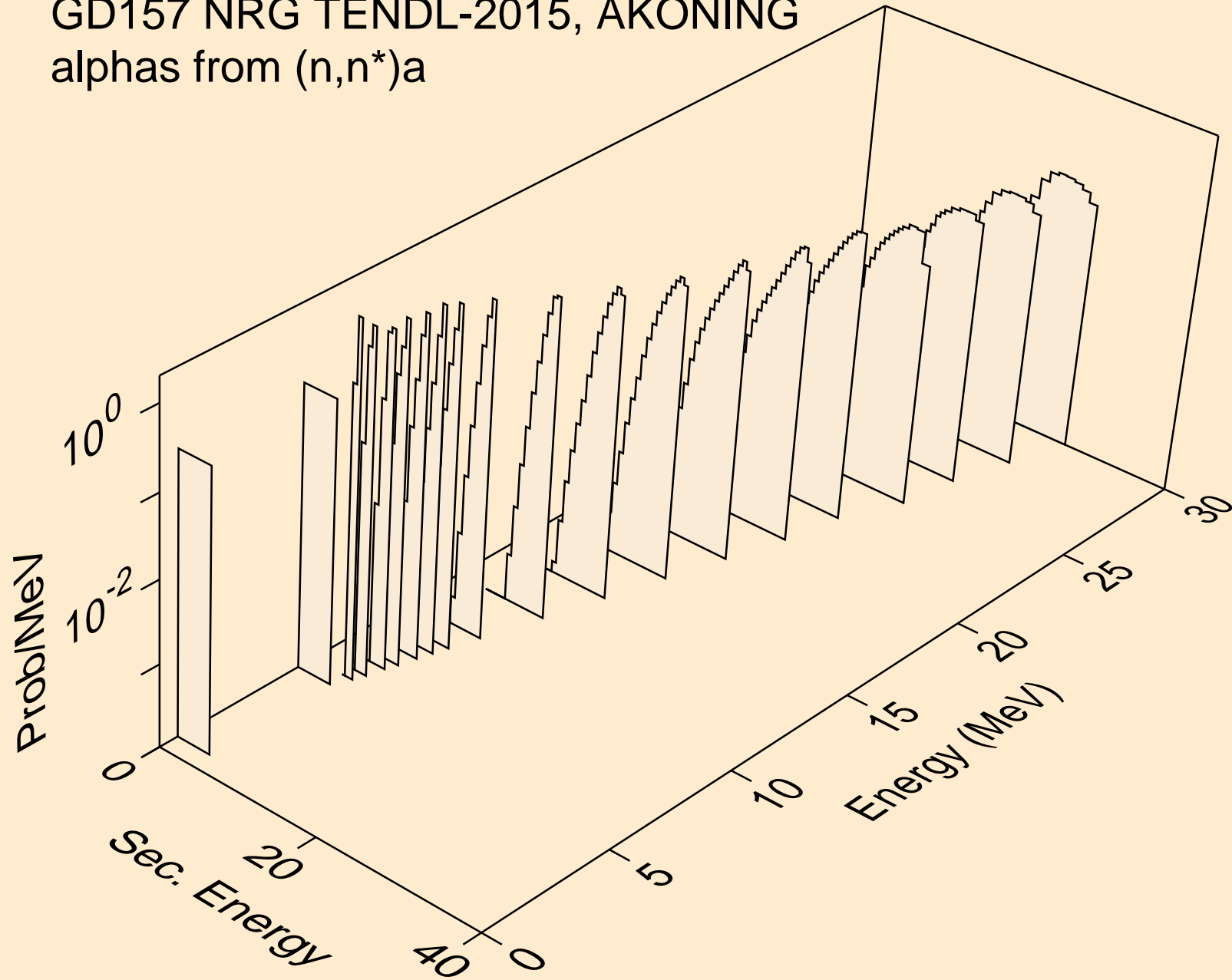
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he3s from (n,he3)



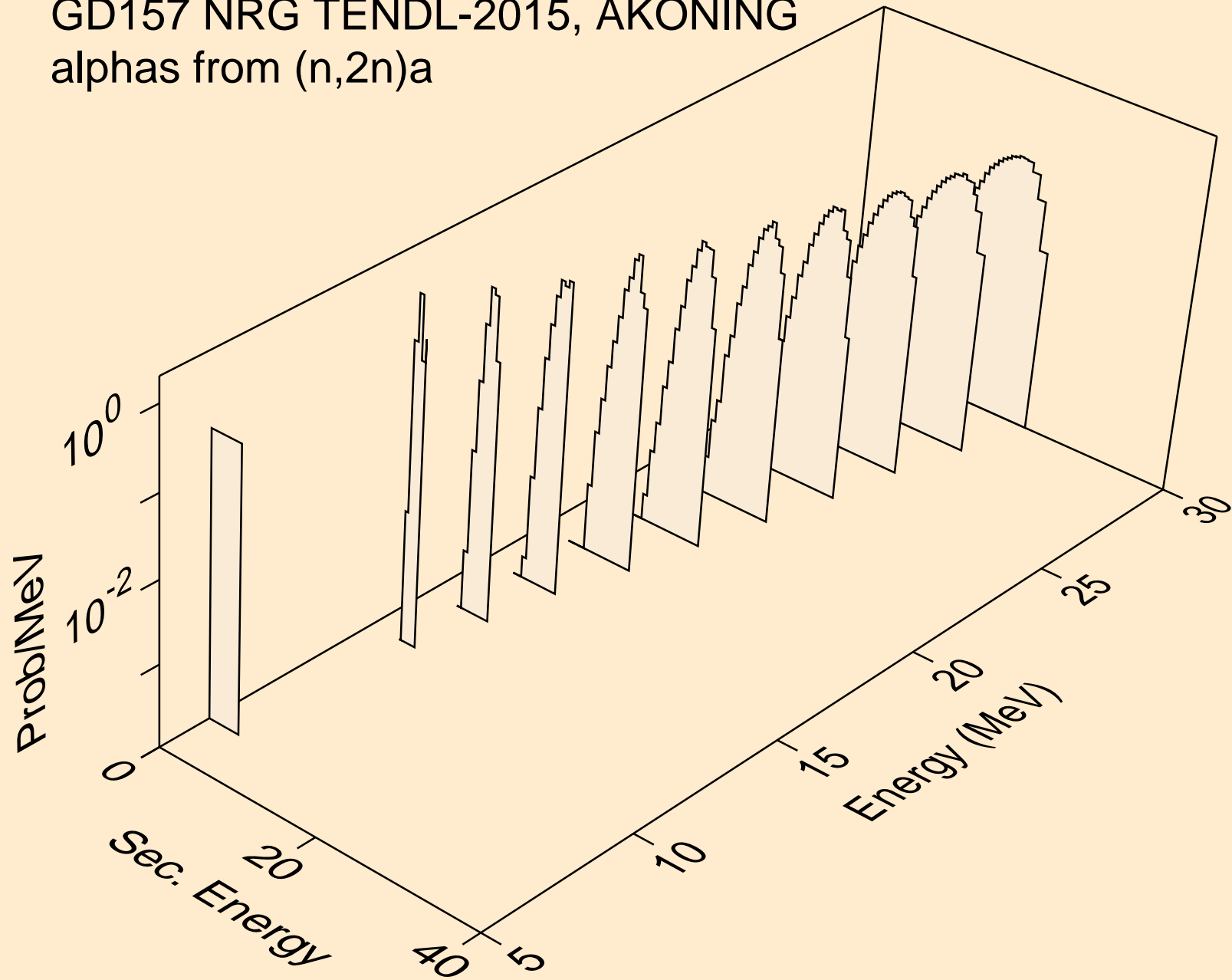
GD157 NRG TENDL-2015, AKONING  
alphas from (n,x)



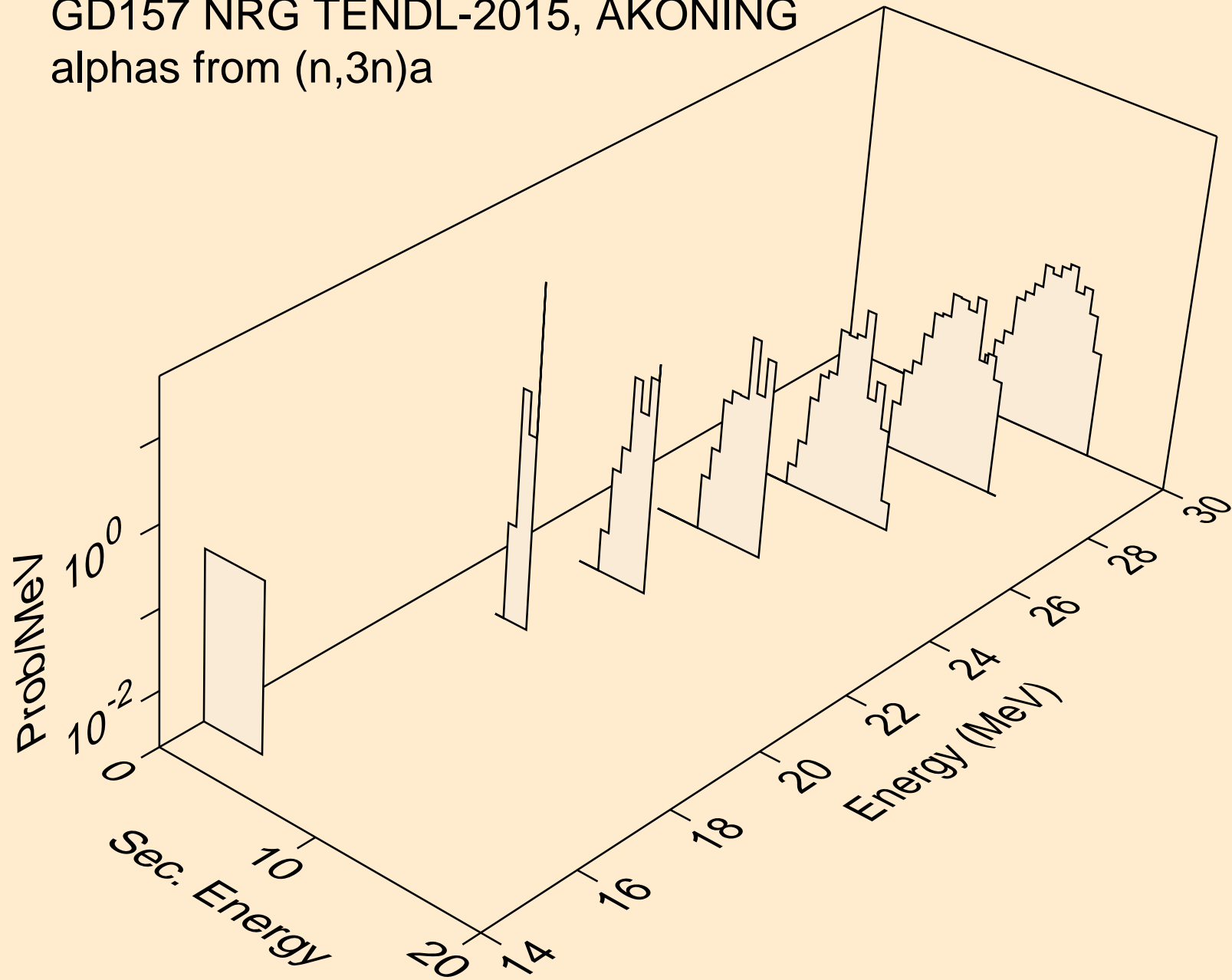
GD157 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



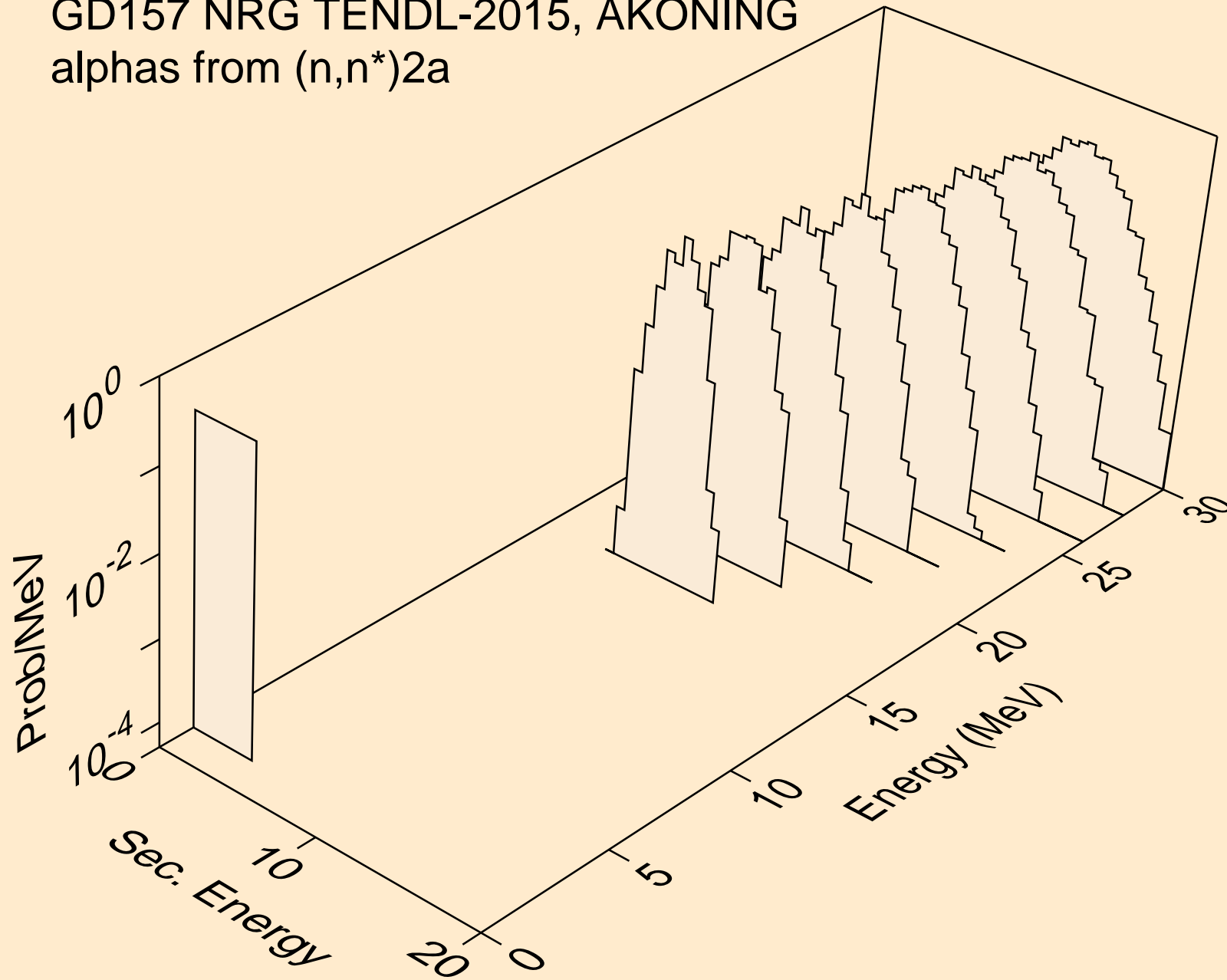
GD157 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



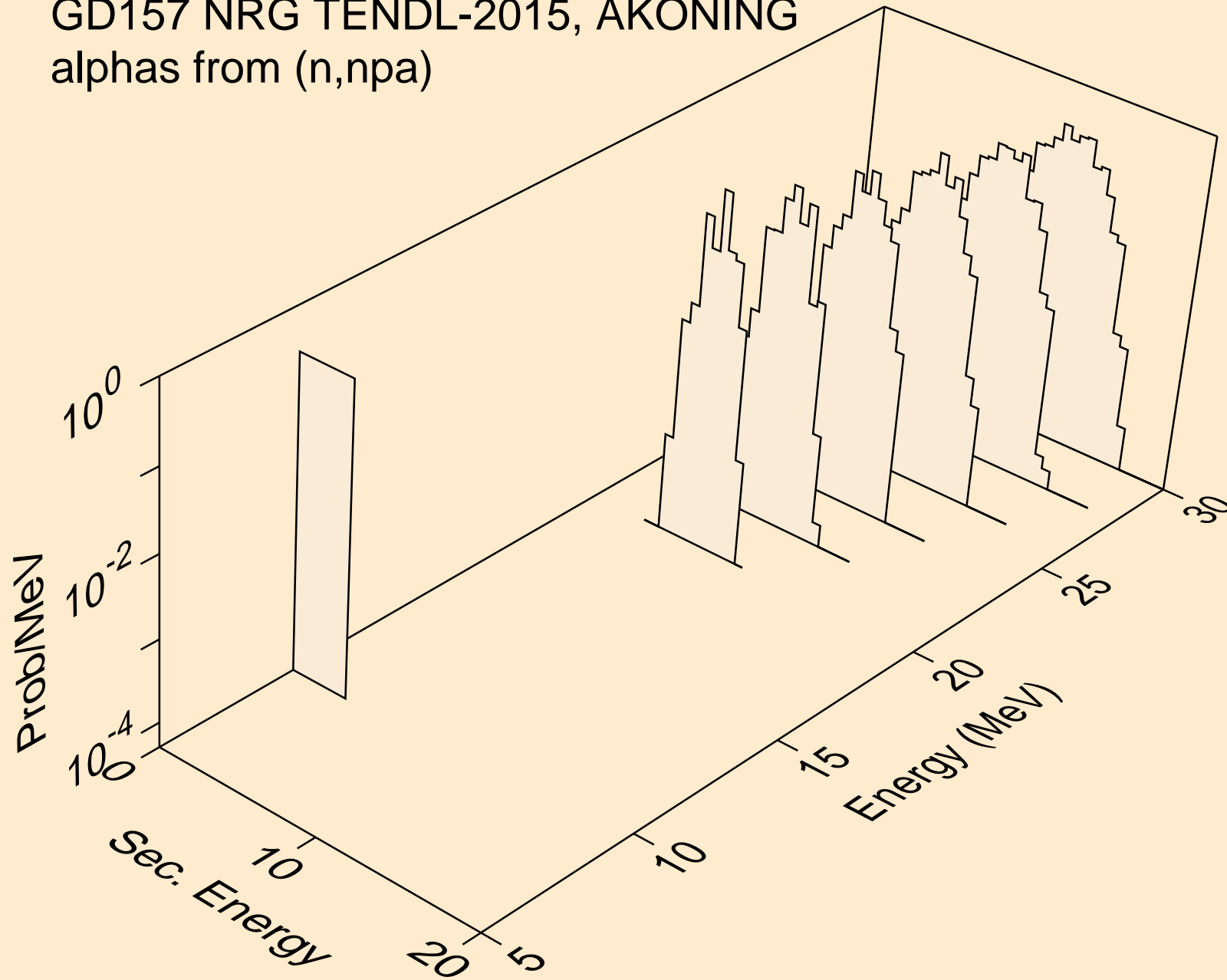
GD157 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



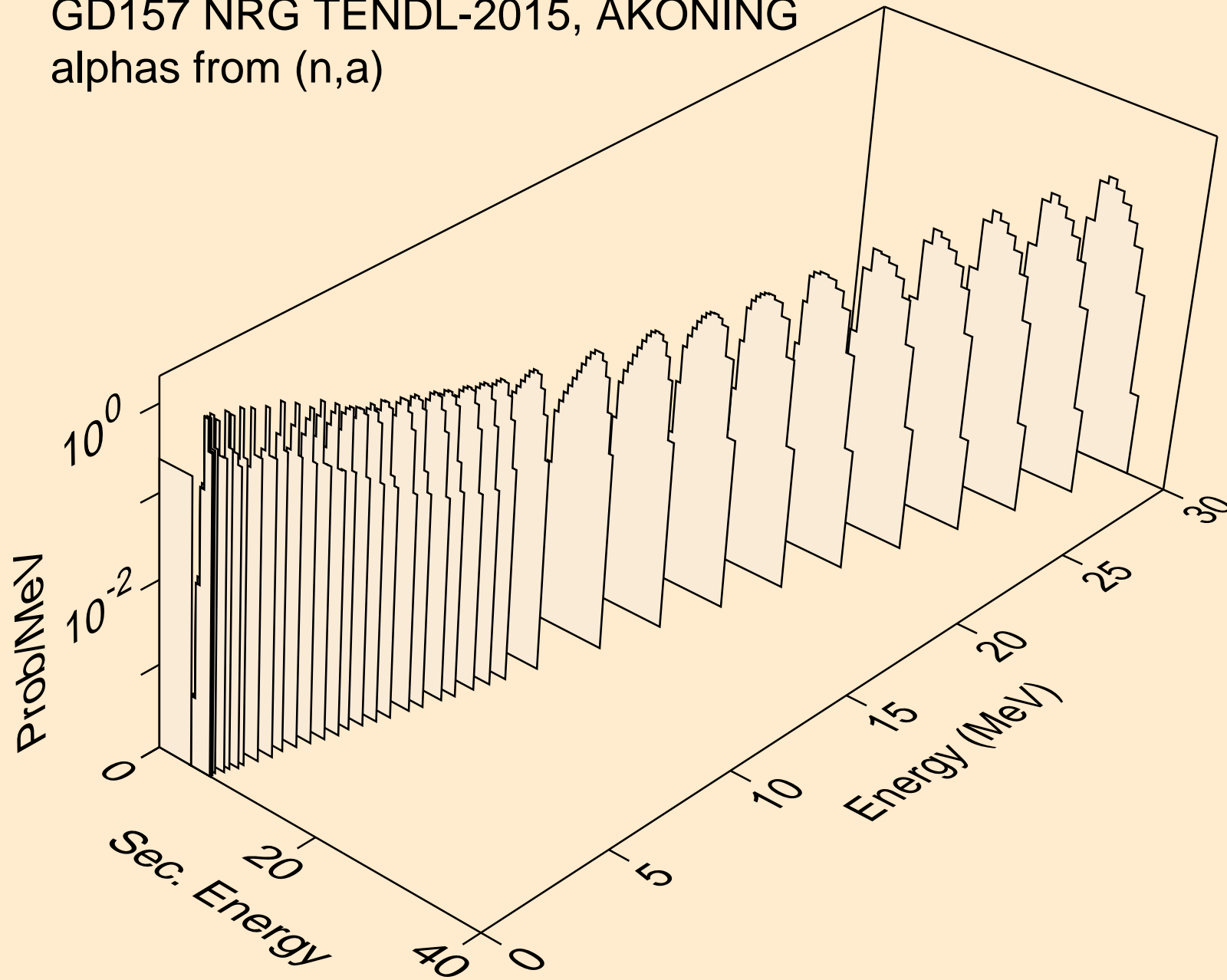
GD157 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



GD157 NRG TENDL-2015, AKONING  
alphas from (n,npa)

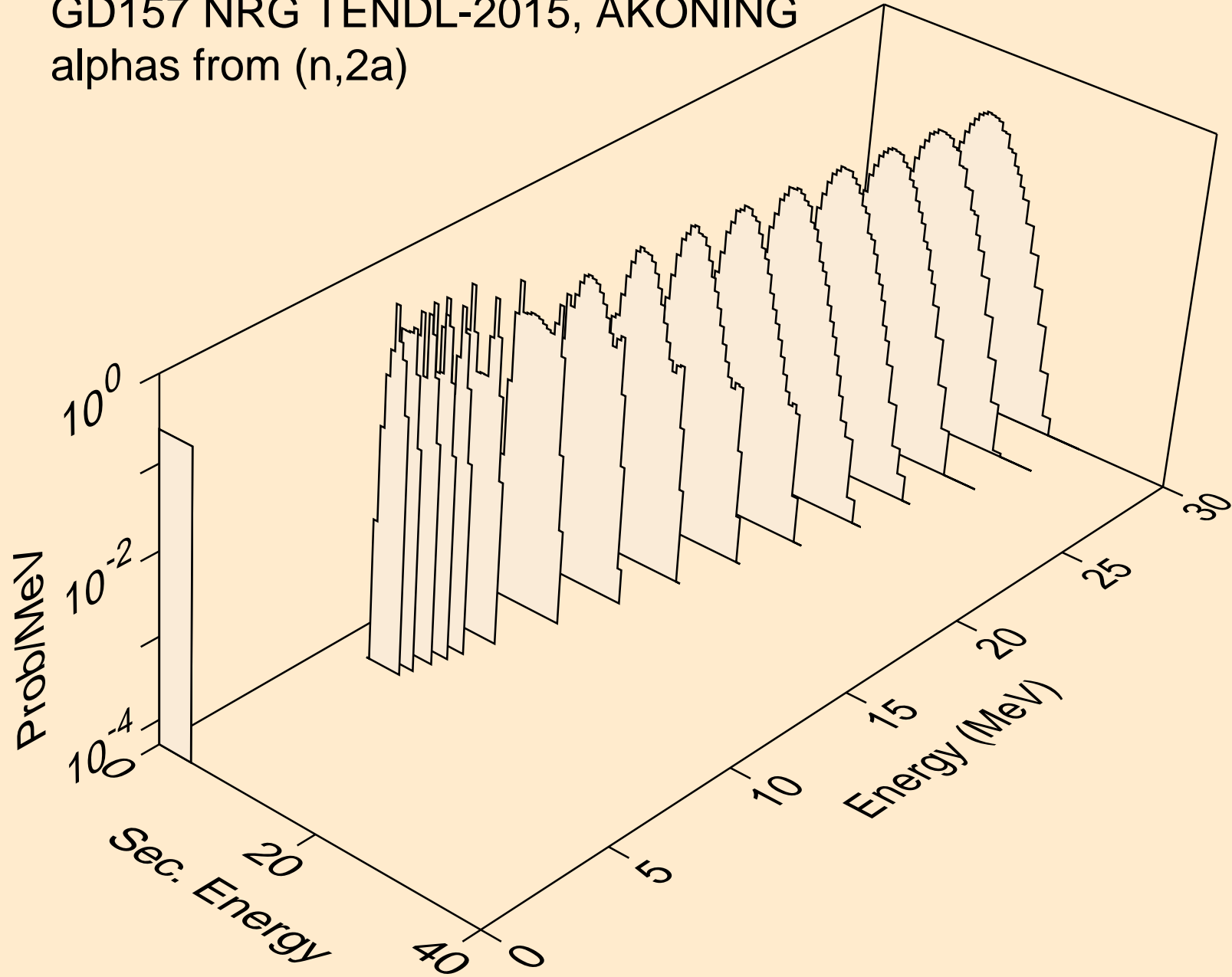


GD157 NRG TENDL-2015, AKONING  
alphas from (n,a)





GD157 NRG TENDL-2015, AKONING  
alphas from (n,2a)



GD157 NRG TENDL-2015, AKONING  
alphas from (n,pa)

