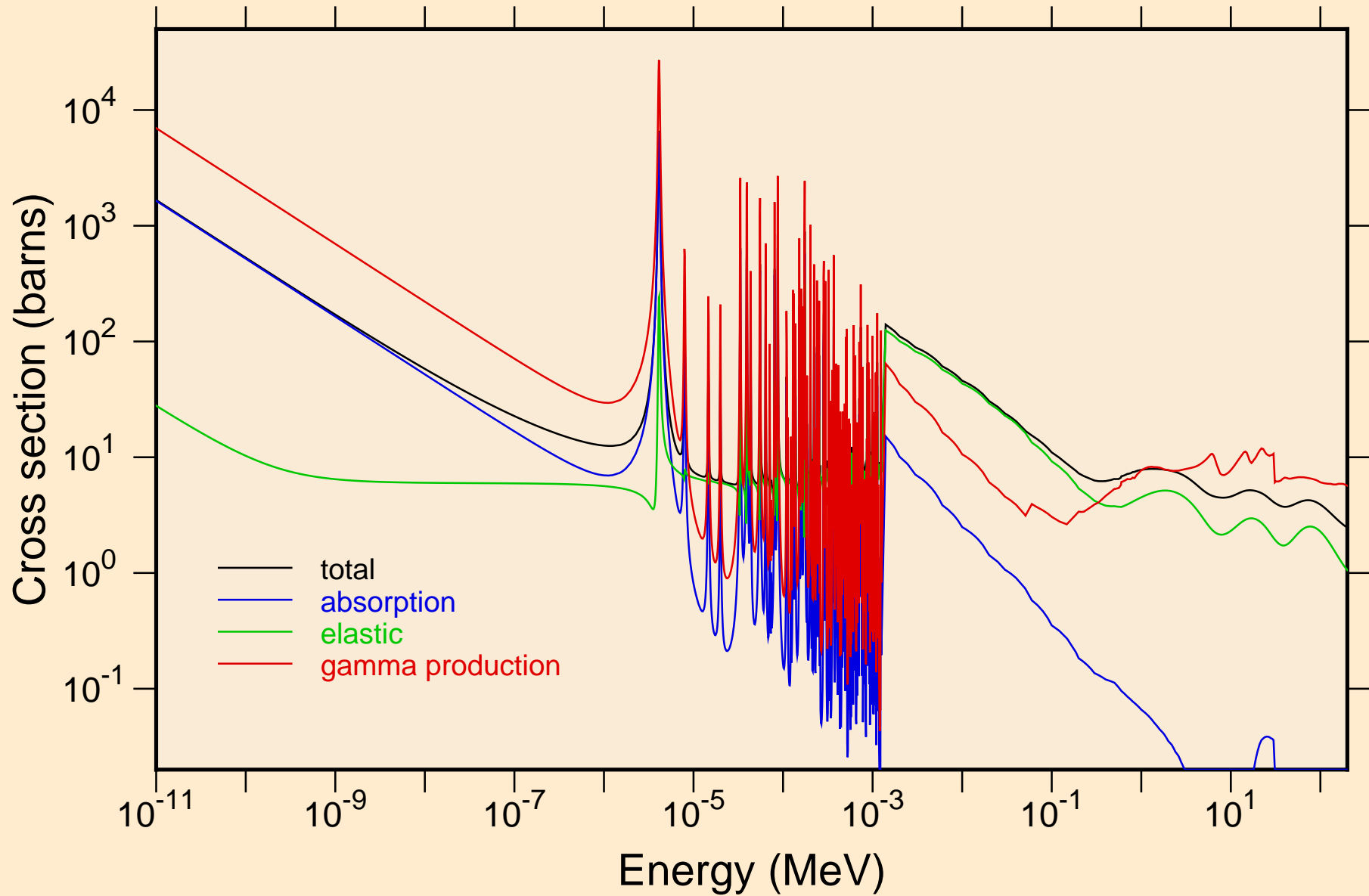
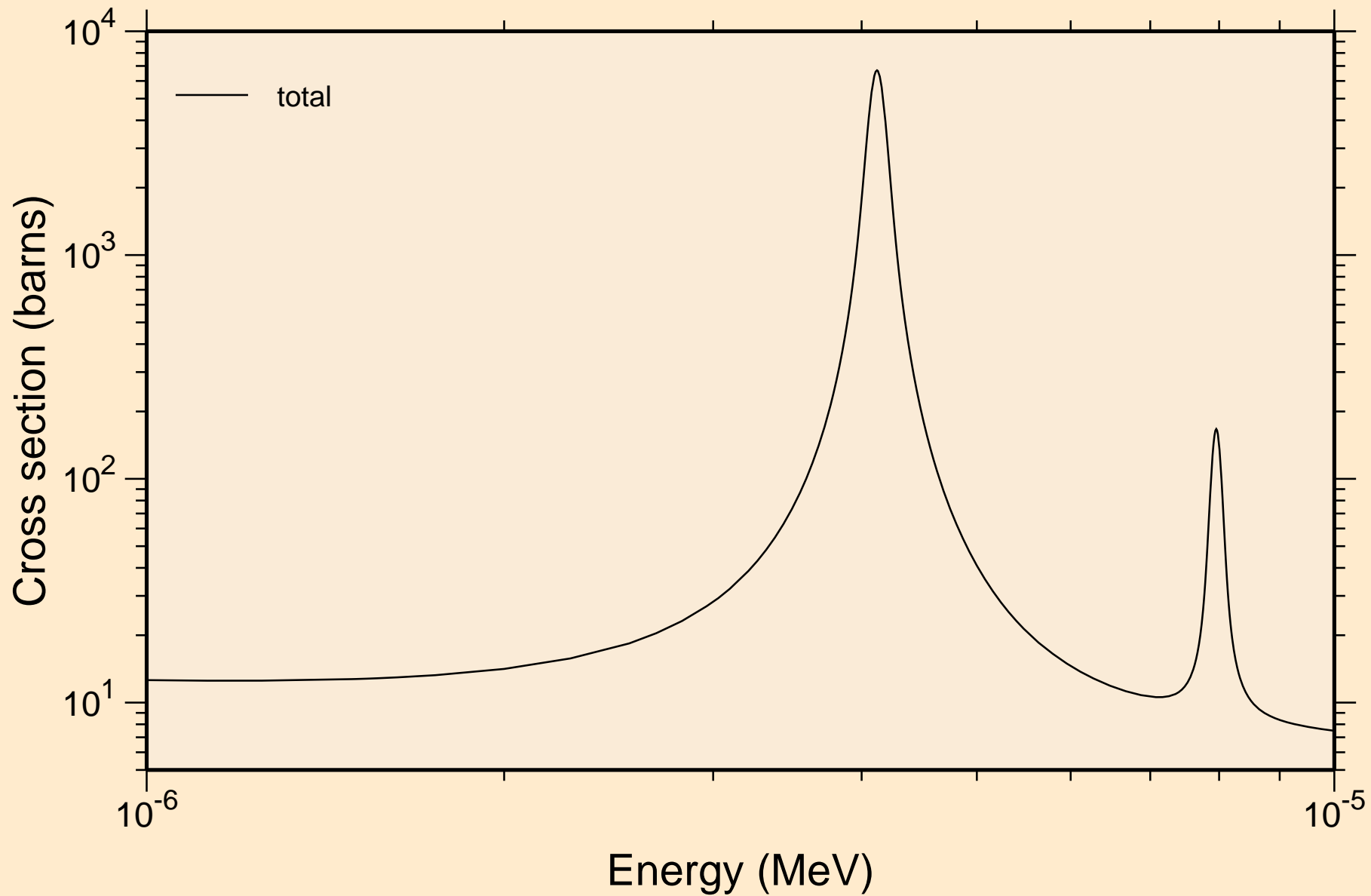


# GD159 NRG TENDL-2015, AKONING

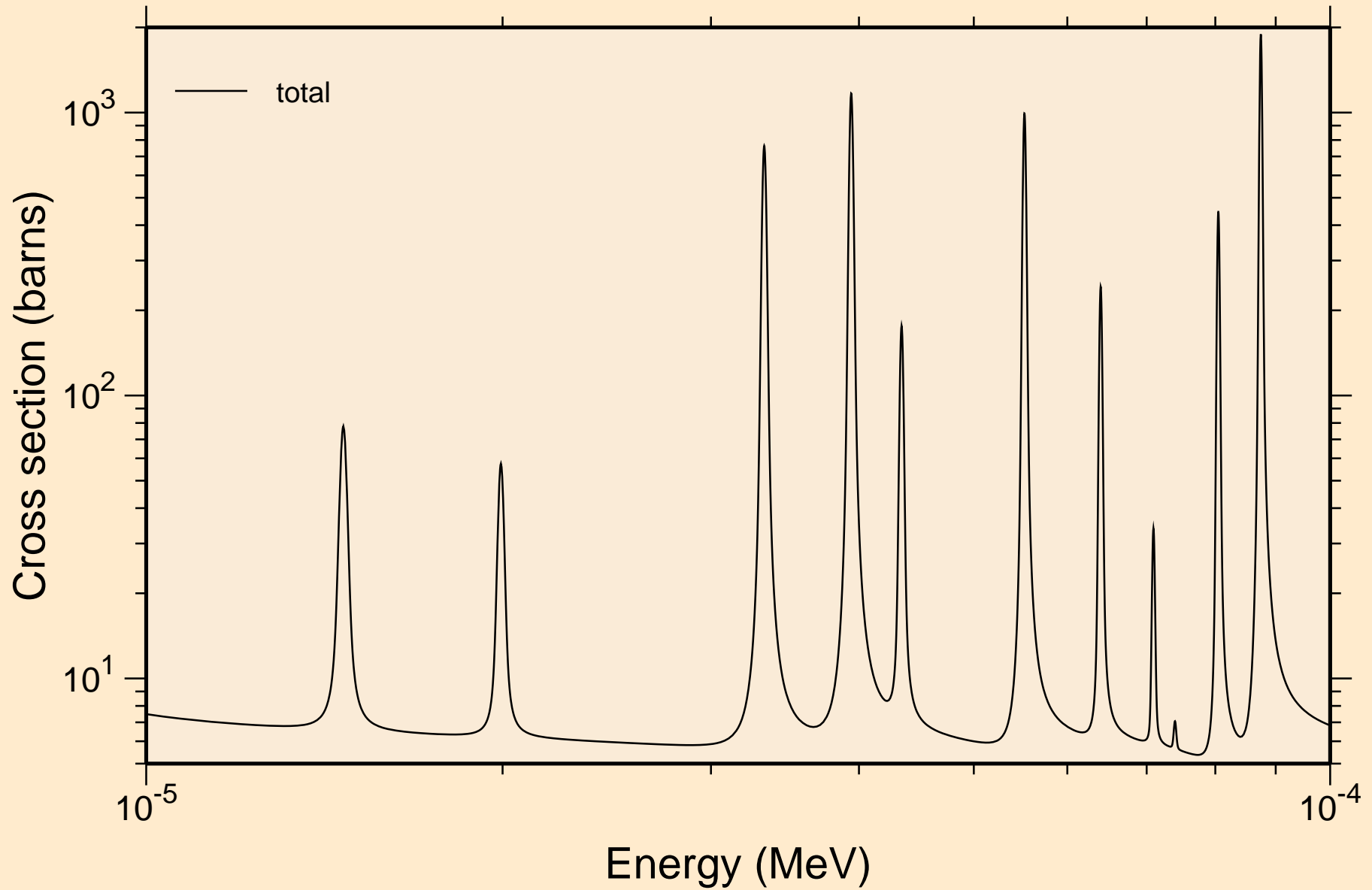
## Principal cross sections



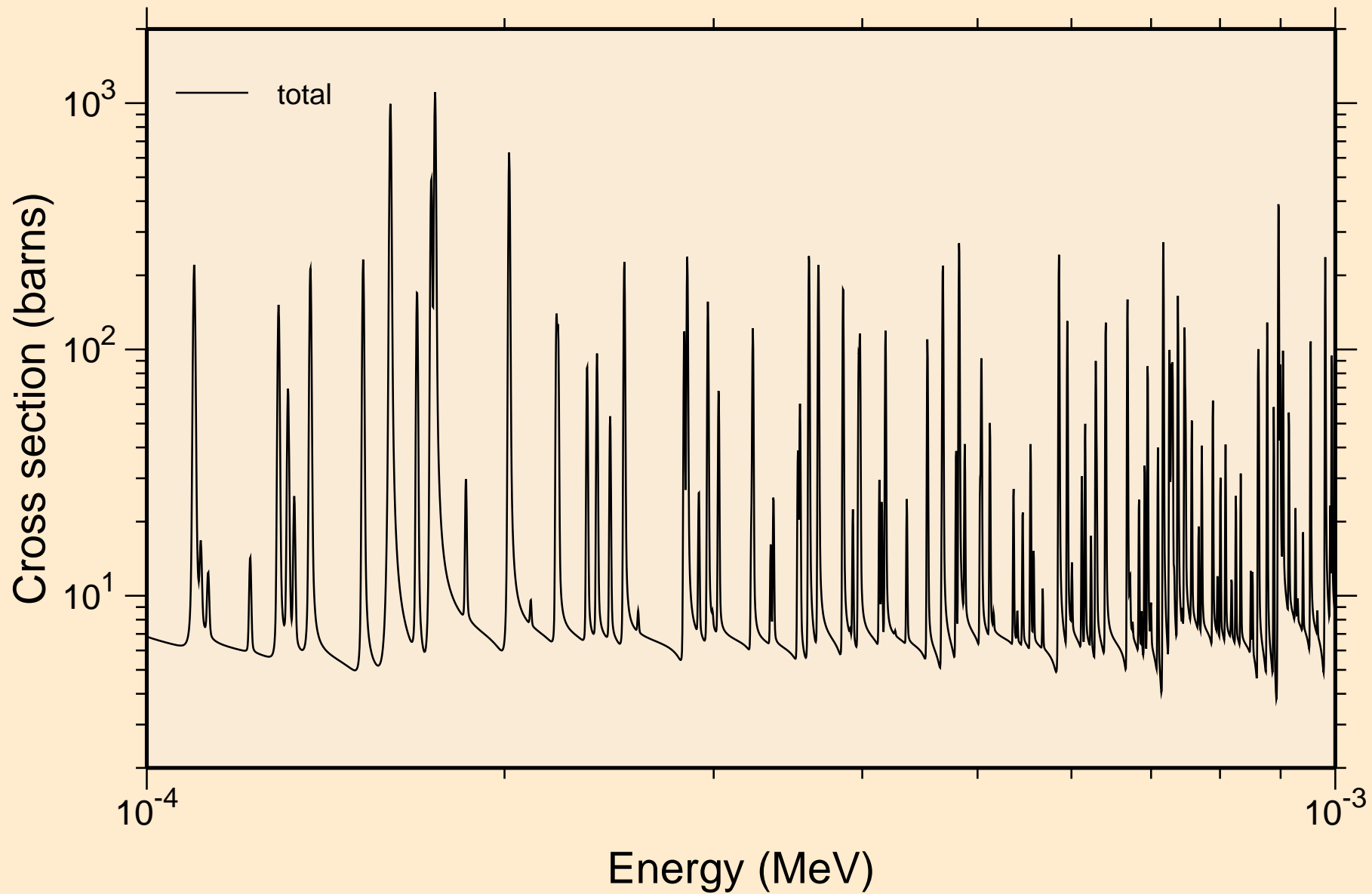
GD159 NRG TENDL-2015, AKONING  
resonance total cross section



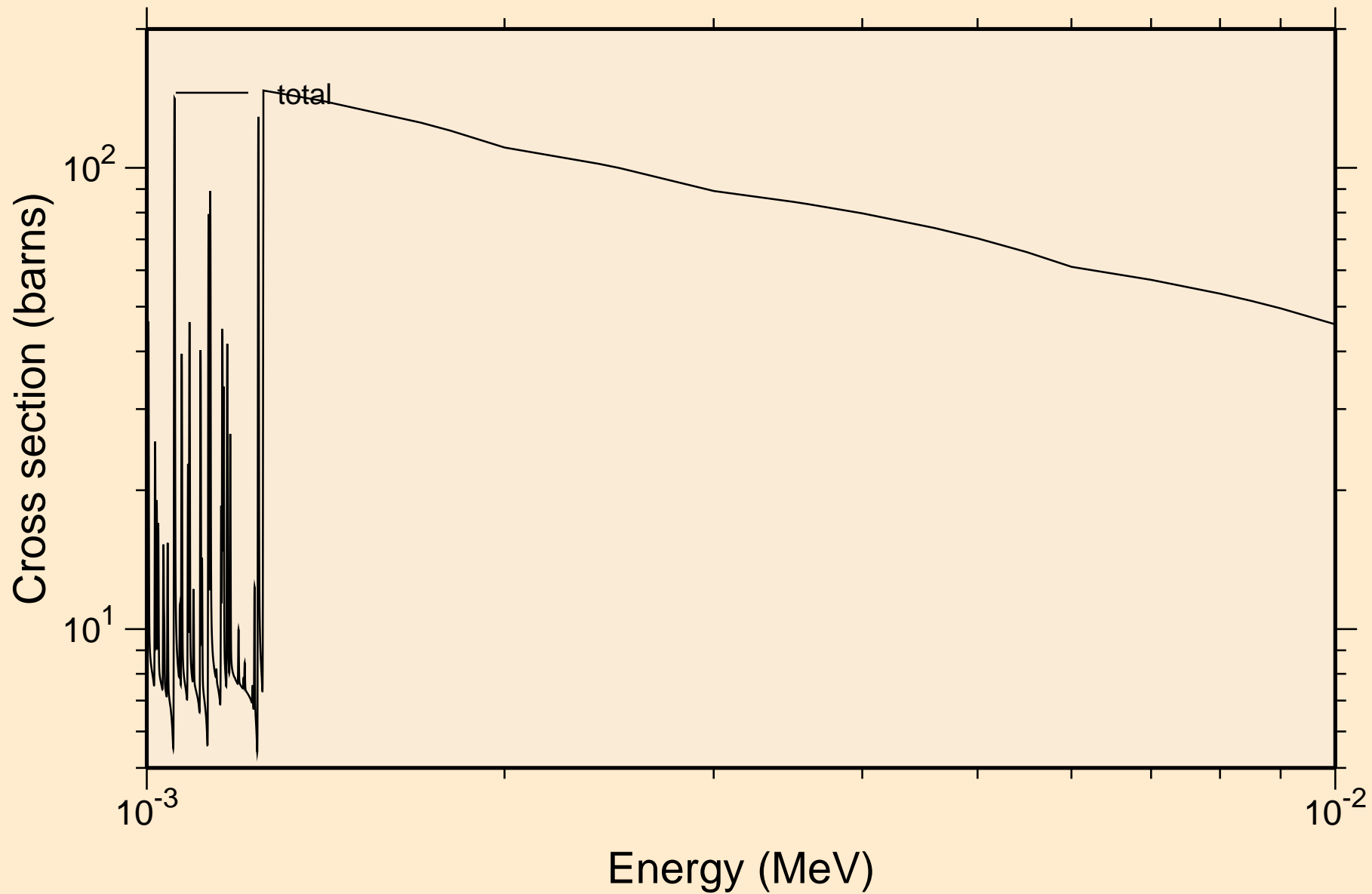
GD159 NRG TENDL-2015, AKONING  
resonance total cross section



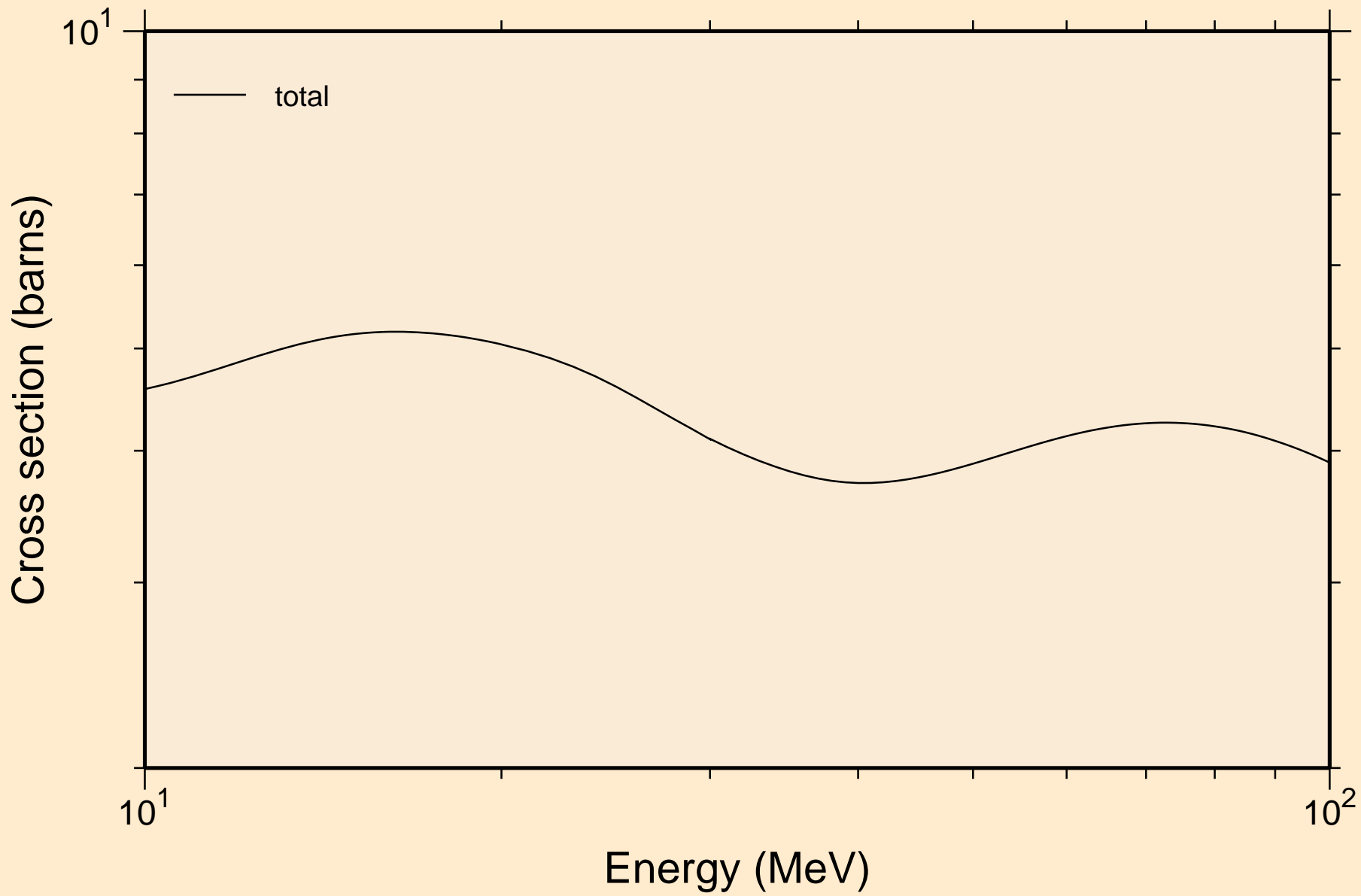
GD159 NRG TENDL-2015, AKONING  
resonance total cross section



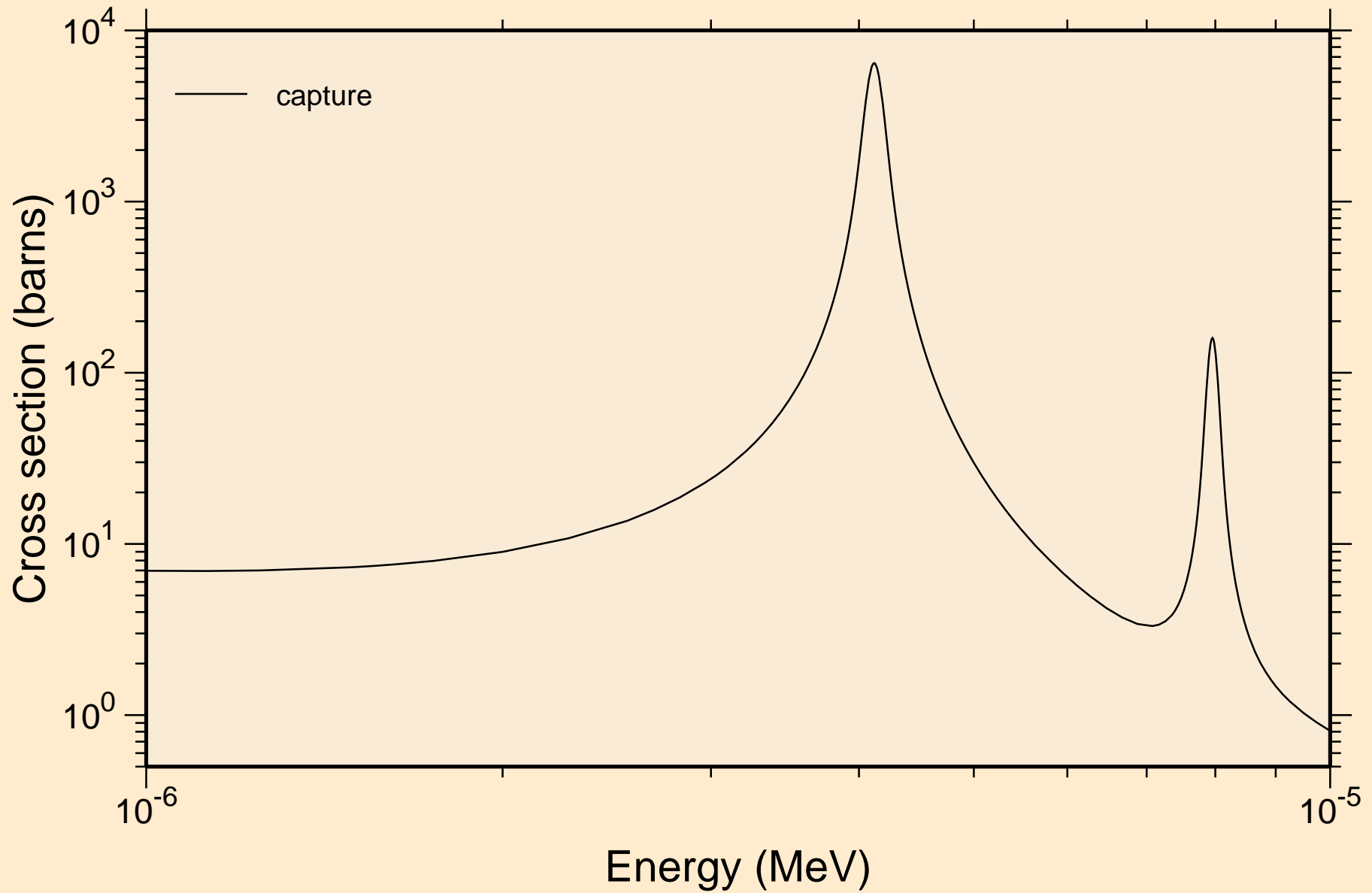
GD159 NRG TENDL-2015, AKONING  
resonance total cross section



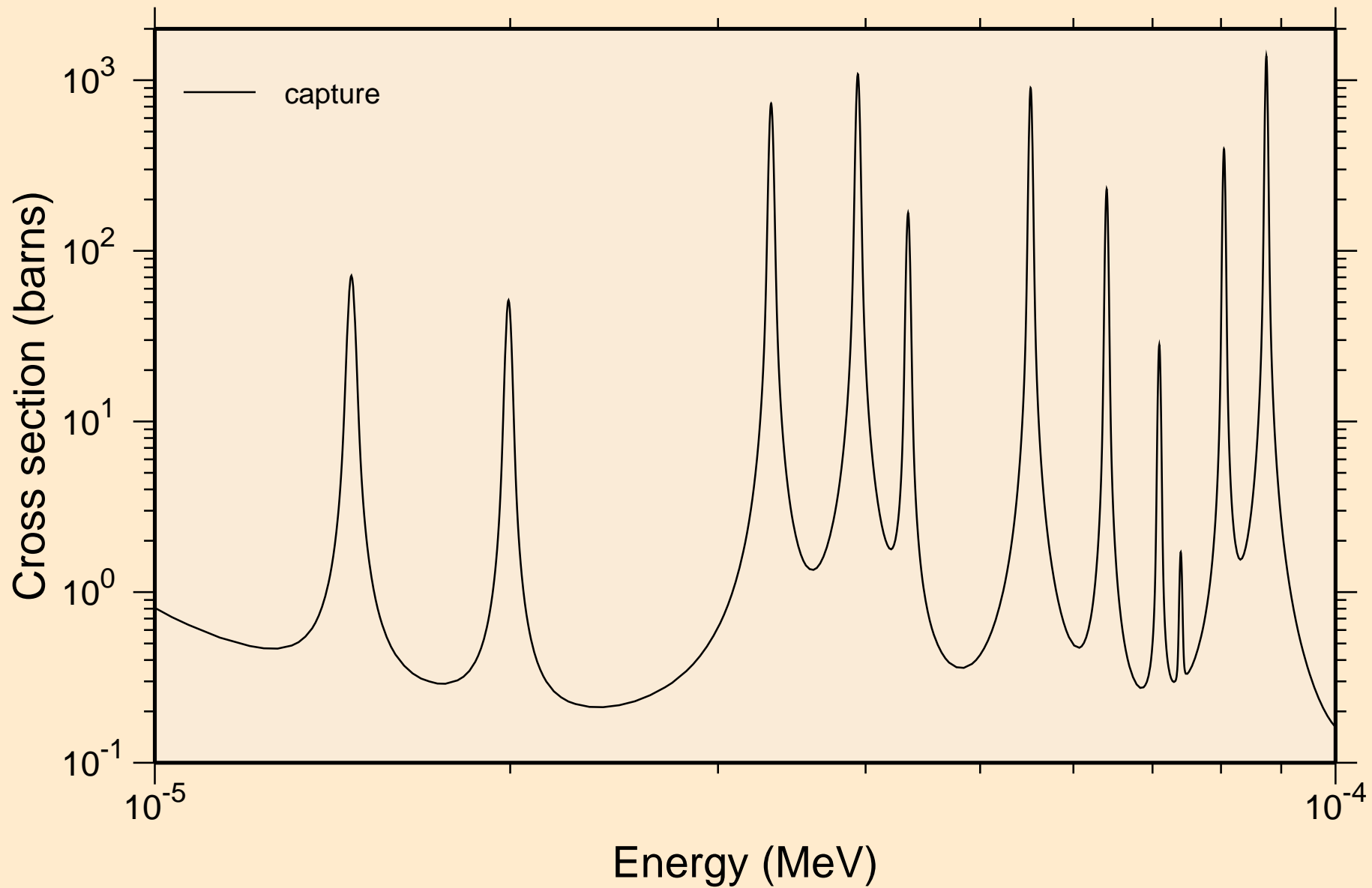
GD159 NRG TENDL-2015, AKONING  
resonance total cross section



GD159 NRG TENDL-2015, AKONING  
resonance absorption cross sections

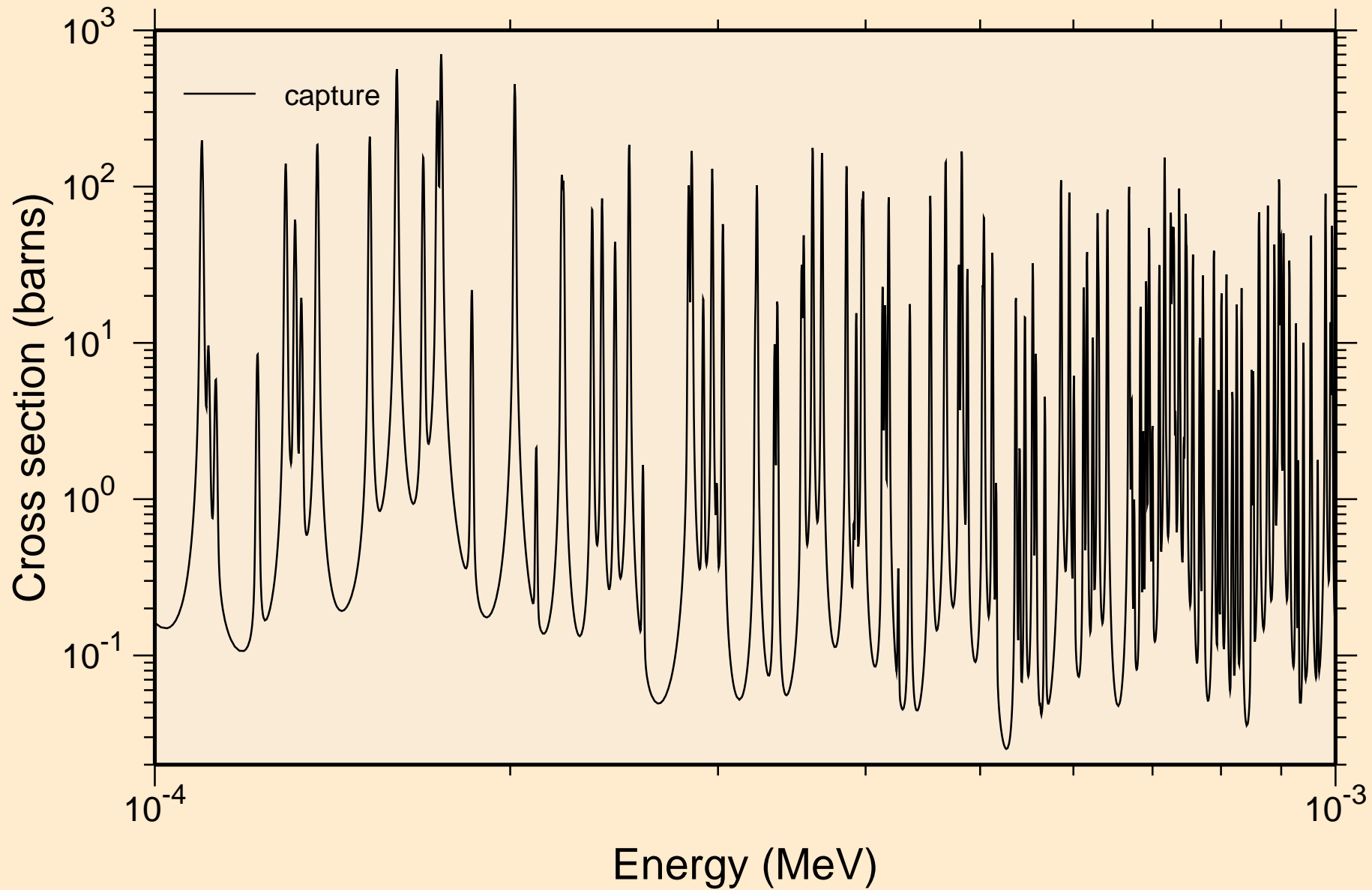


# GD159 NRG TENDL-2015, AKONING resonance absorption cross sections

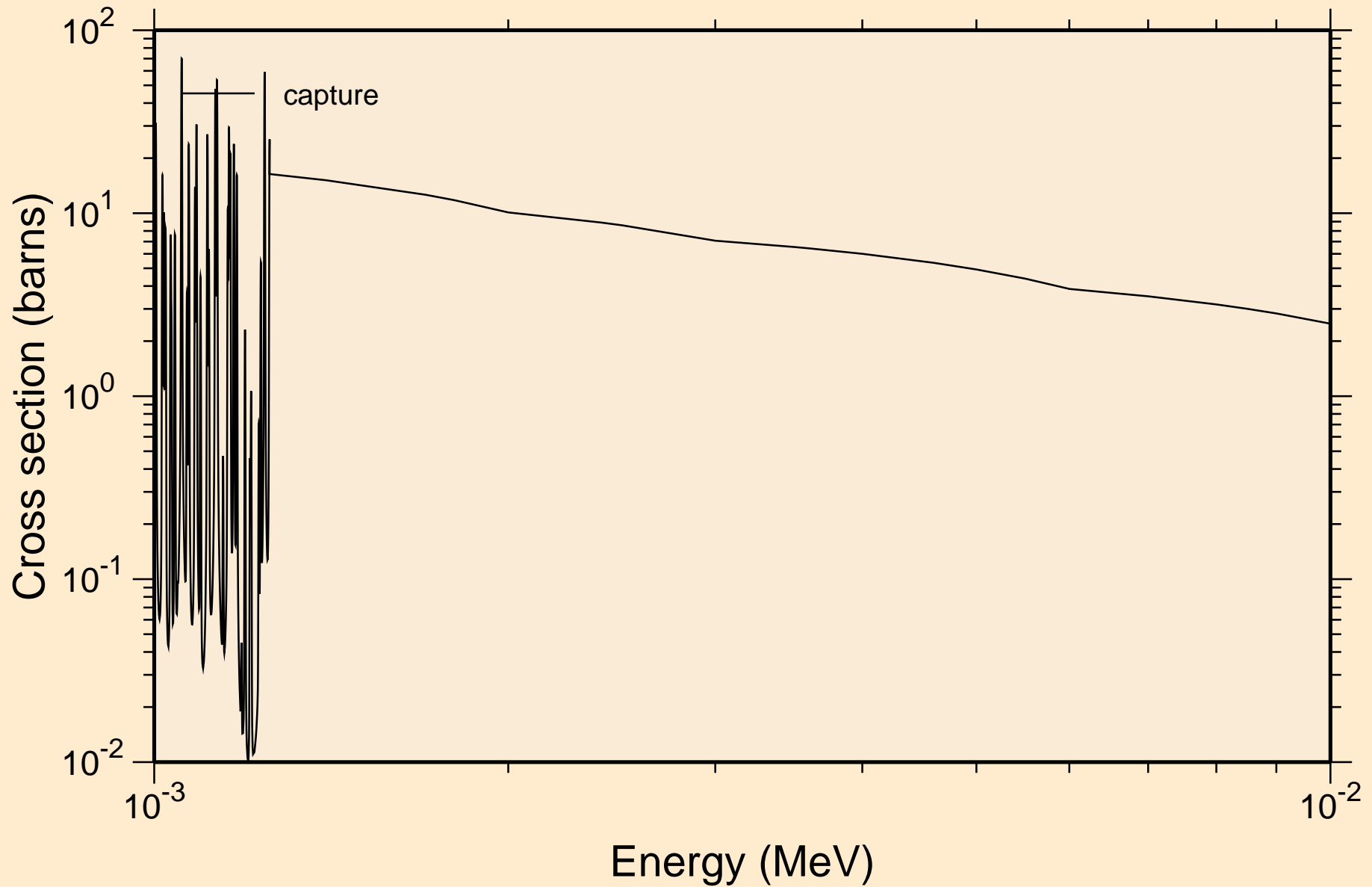




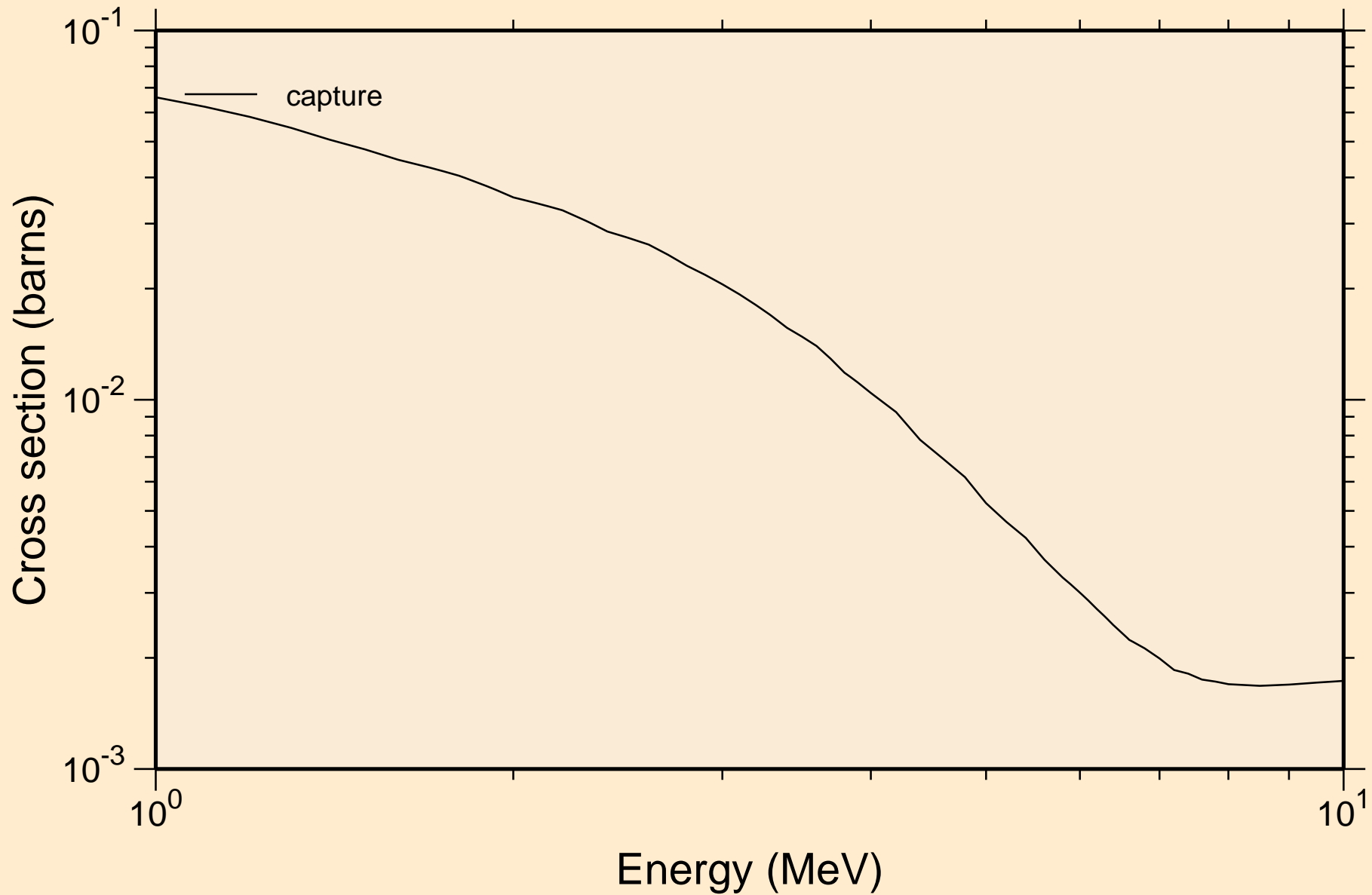
# GD159 NRG TENDL-2015, AKONING resonance absorption cross sections



GD159 NRG TENDL-2015, AKONING  
resonance absorption cross sections

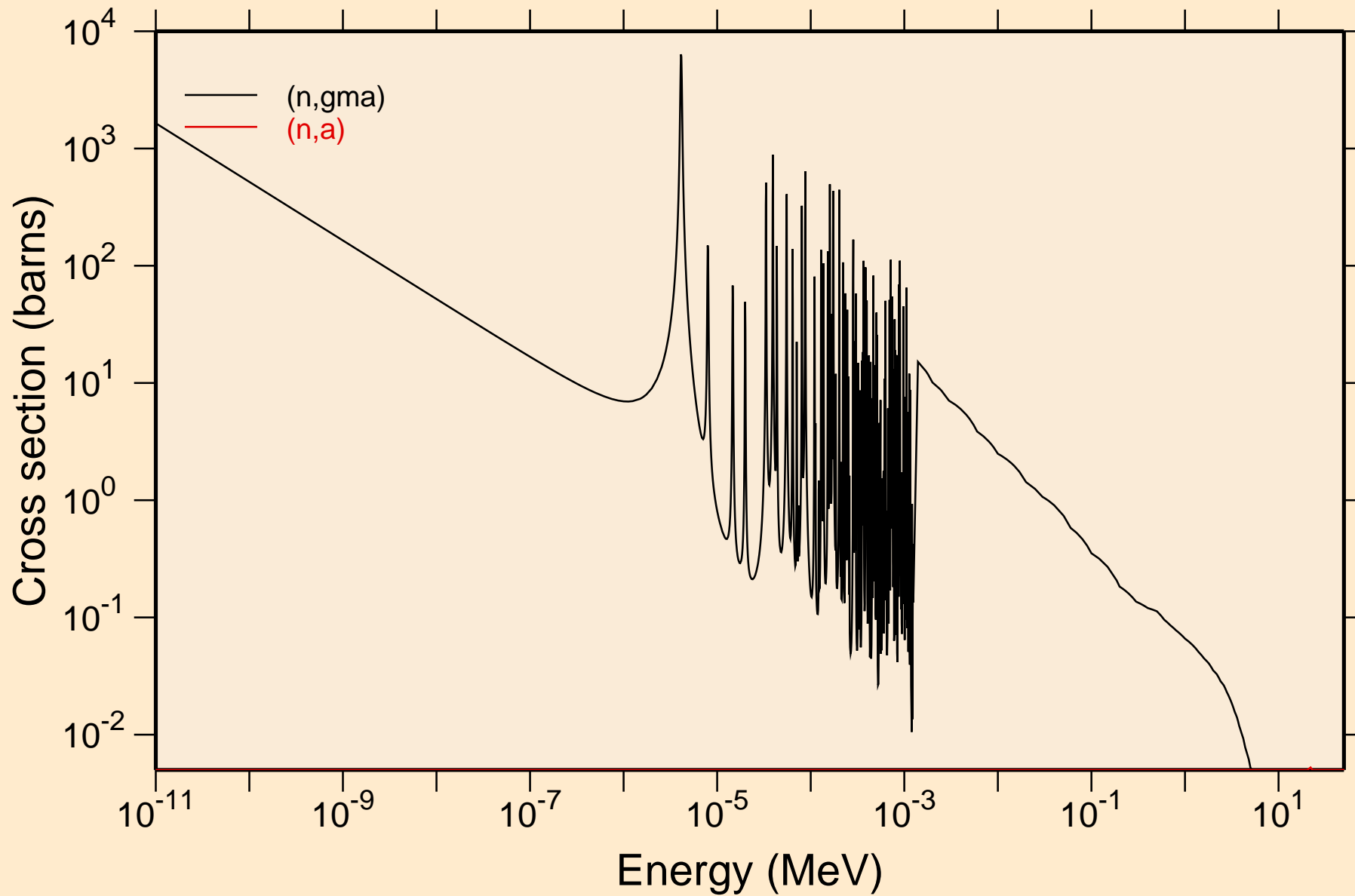


GD159 NRG TENDL-2015, AKONING  
resonance absorption cross sections



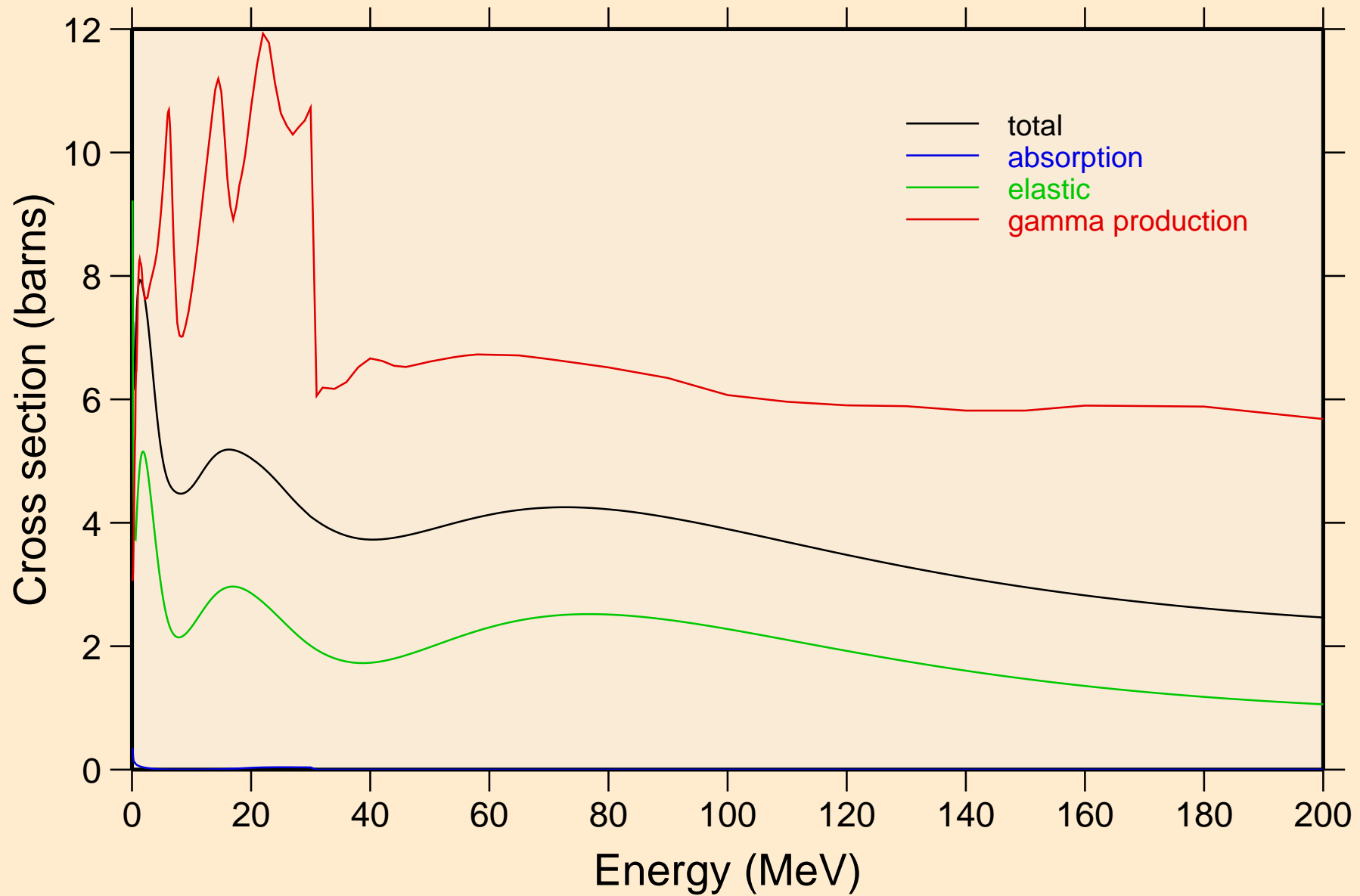
# GD159 NRG TENDL-2015, AKONING

## Non-threshold reactions



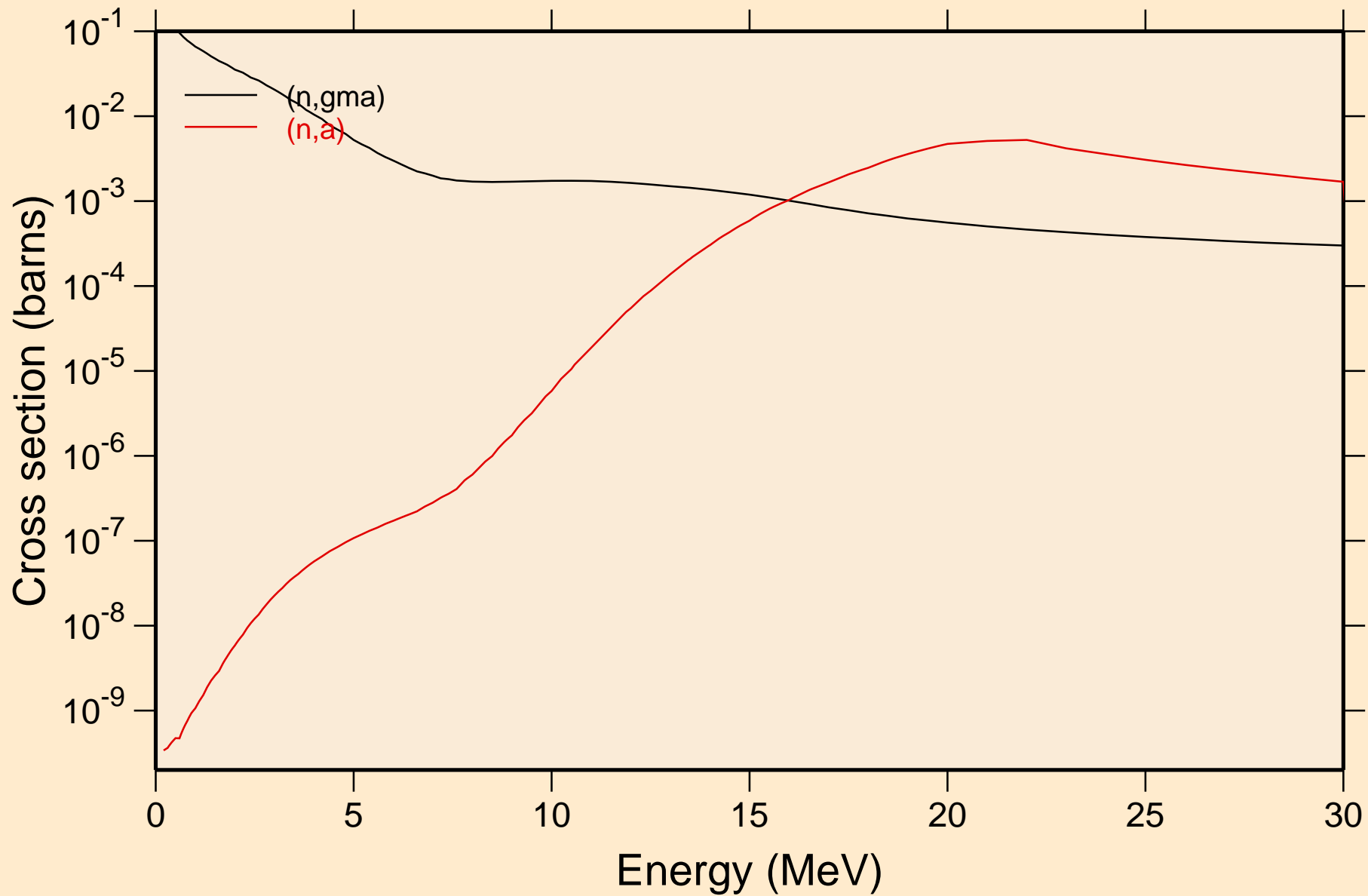
# GD159 NRG TENDL-2015, AKONING

## Principal cross sections



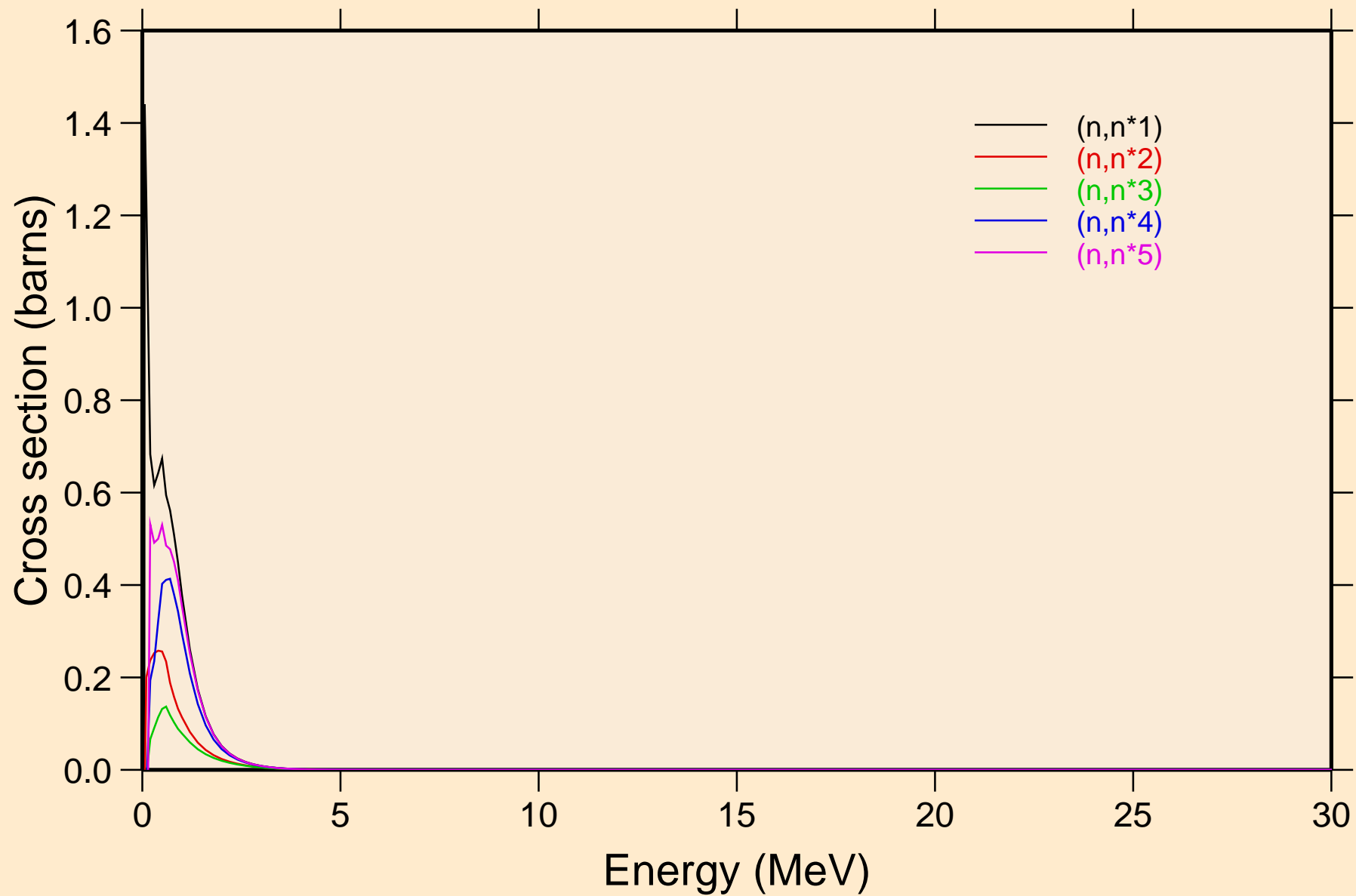
# GD159 NRG TENDL-2015, AKONING

## Non-threshold reactions



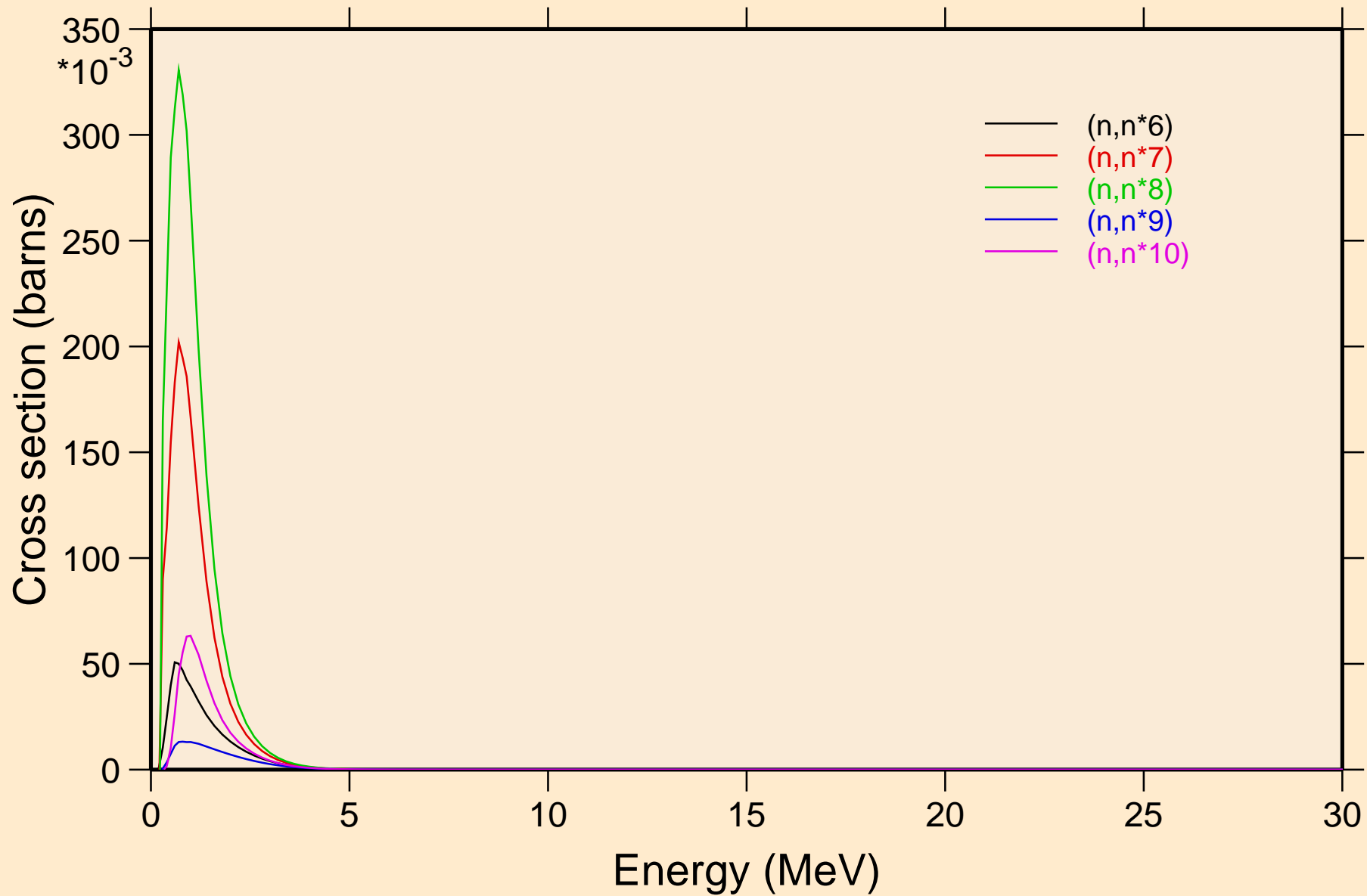
# GD159 NRG TENDL-2015, AKONING

## Inelastic levels



# GD159 NRG TENDL-2015, AKONING

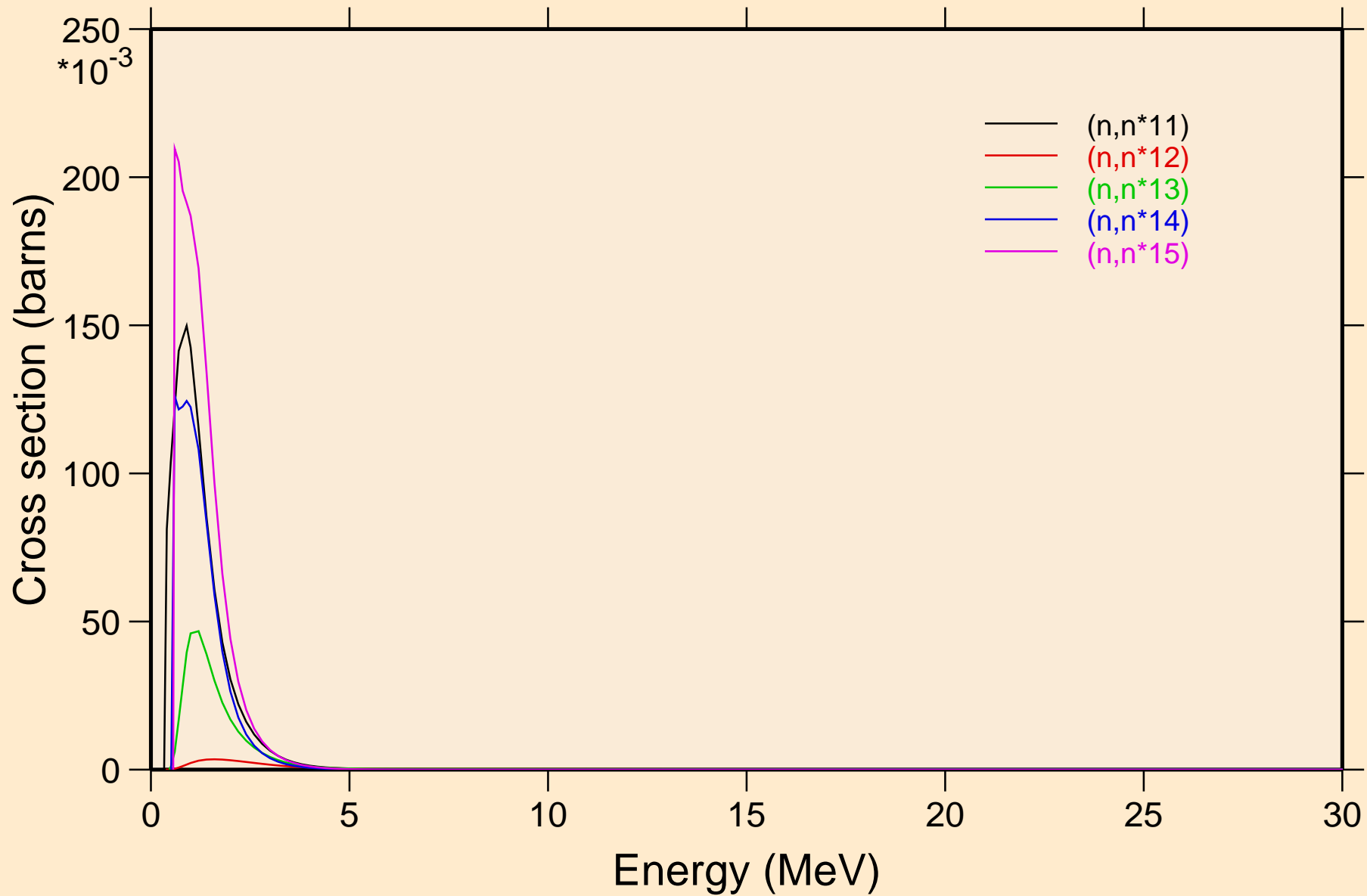
## Inelastic levels





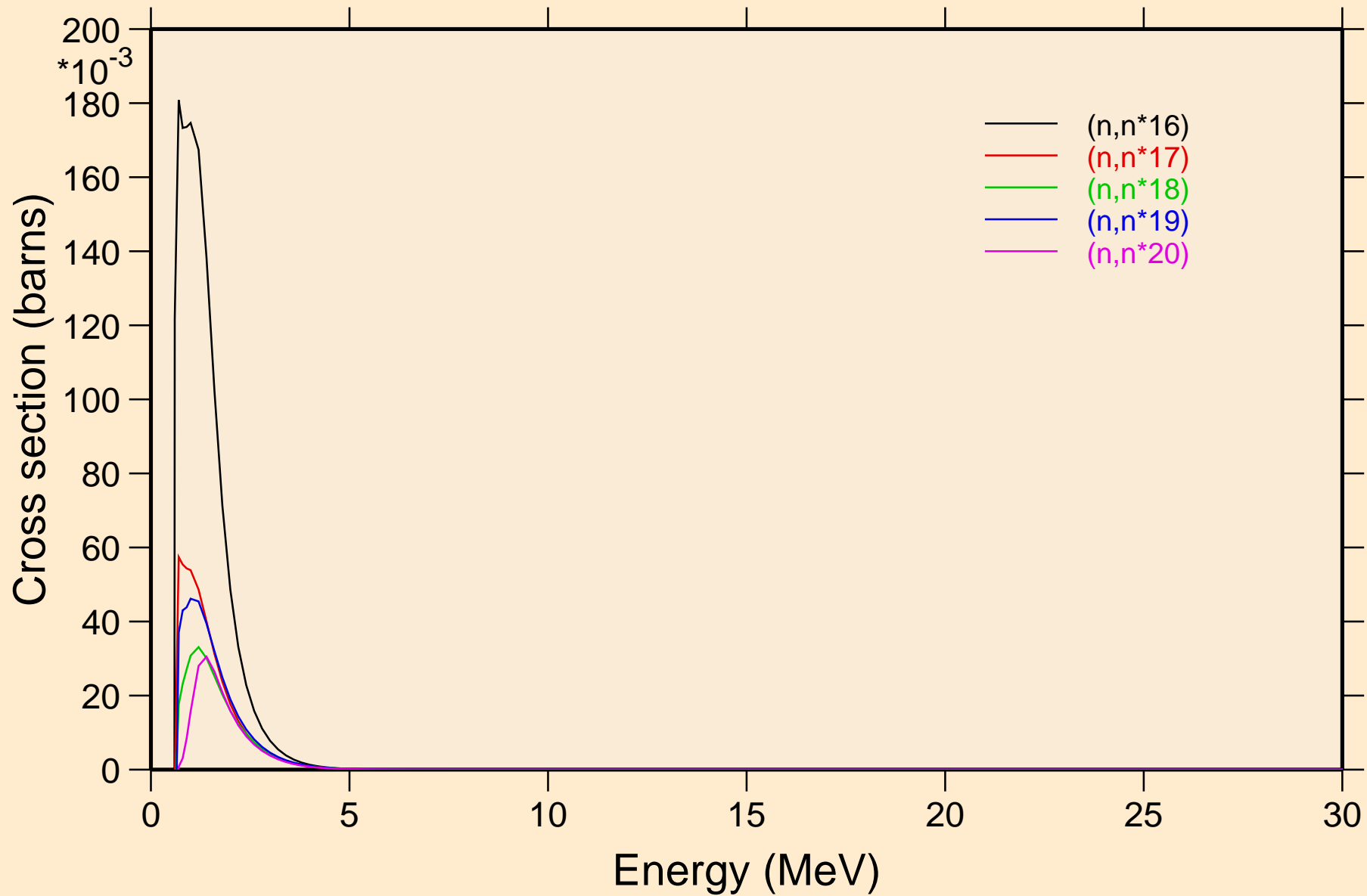
# GD159 NRG TENDL-2015, AKONING

## Inelastic levels



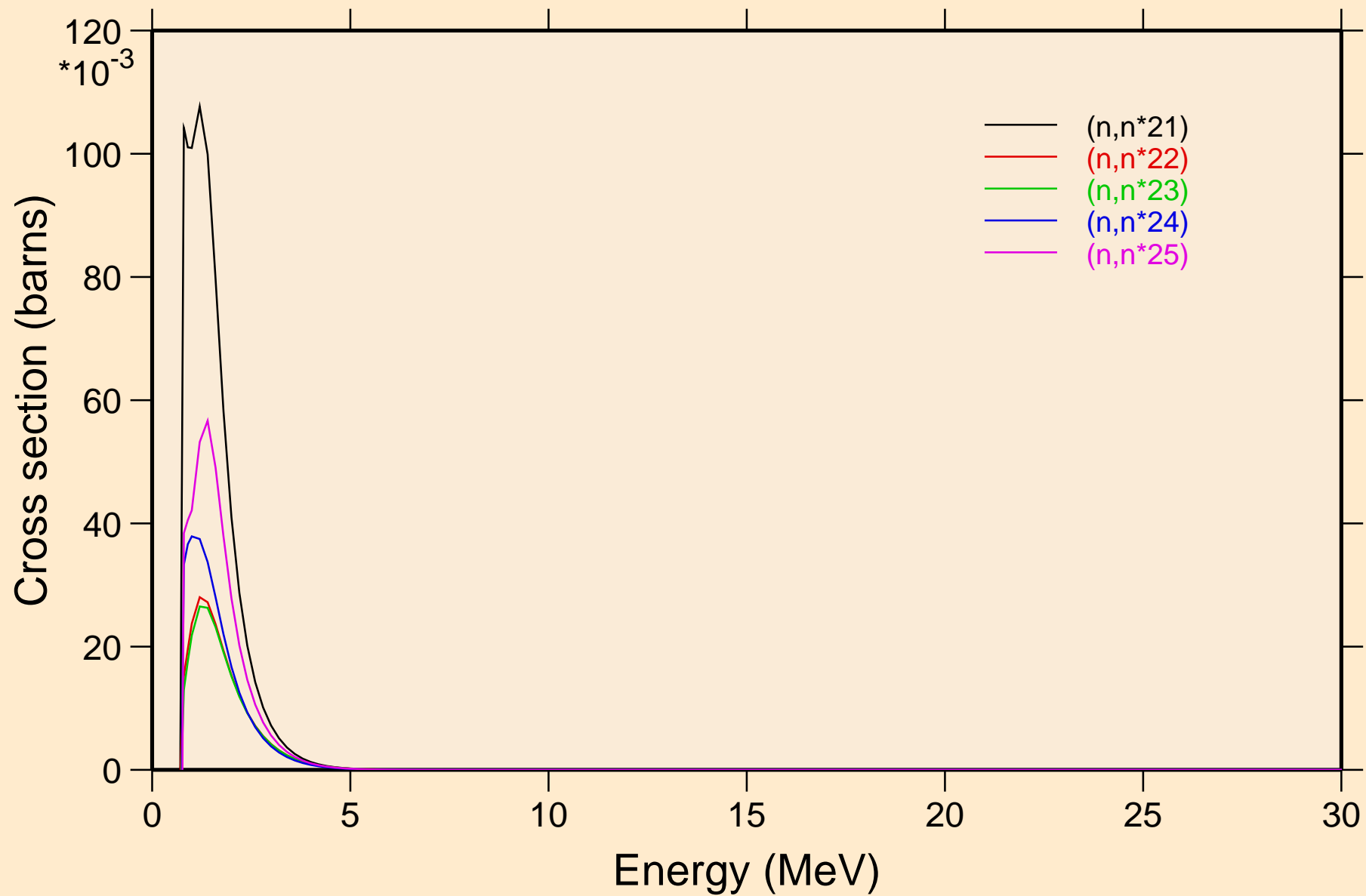
# GD159 NRG TENDL-2015, AKONING

## Inelastic levels



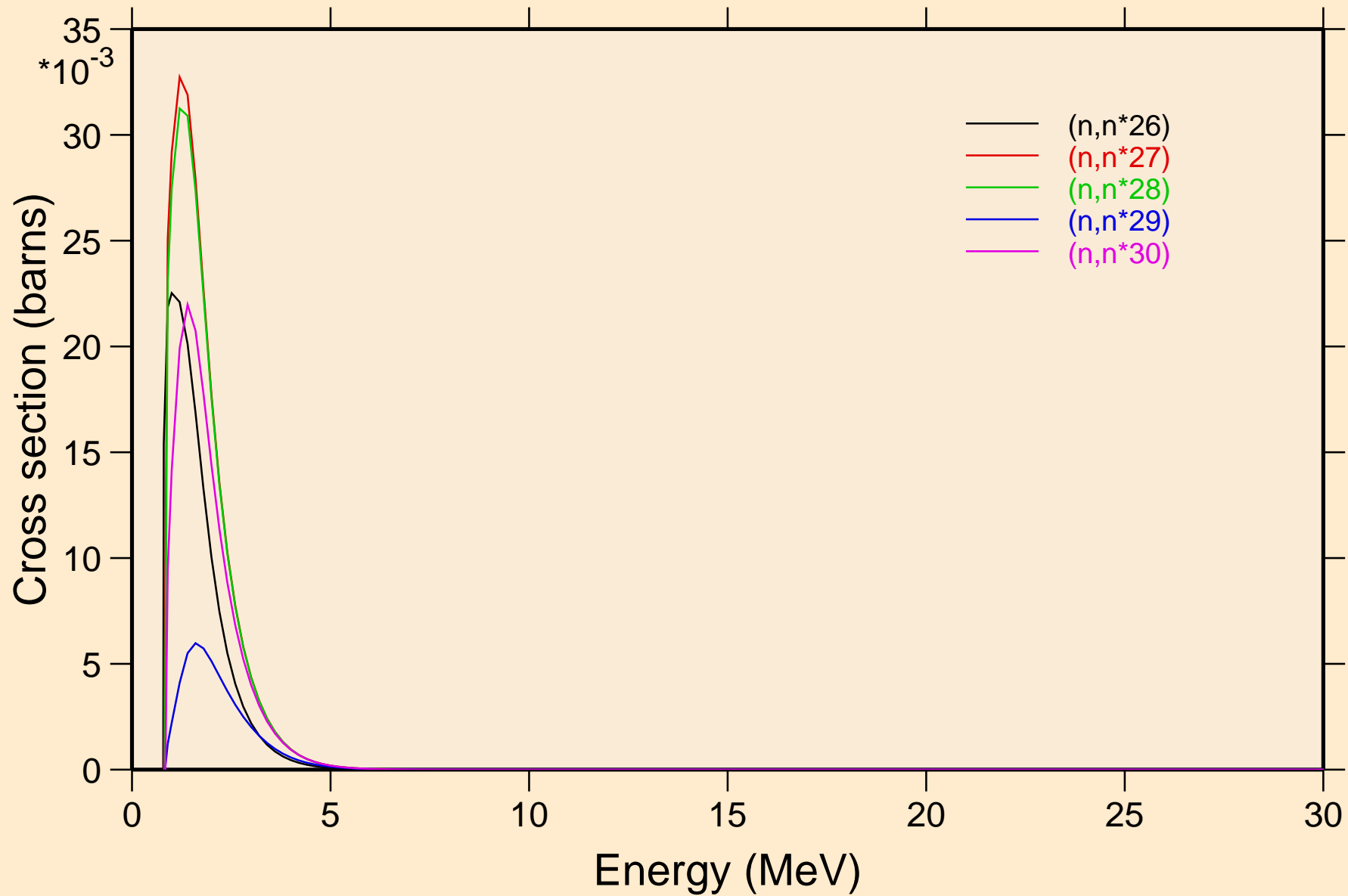
# GD159 NRG TENDL-2015, AKONING

## Inelastic levels



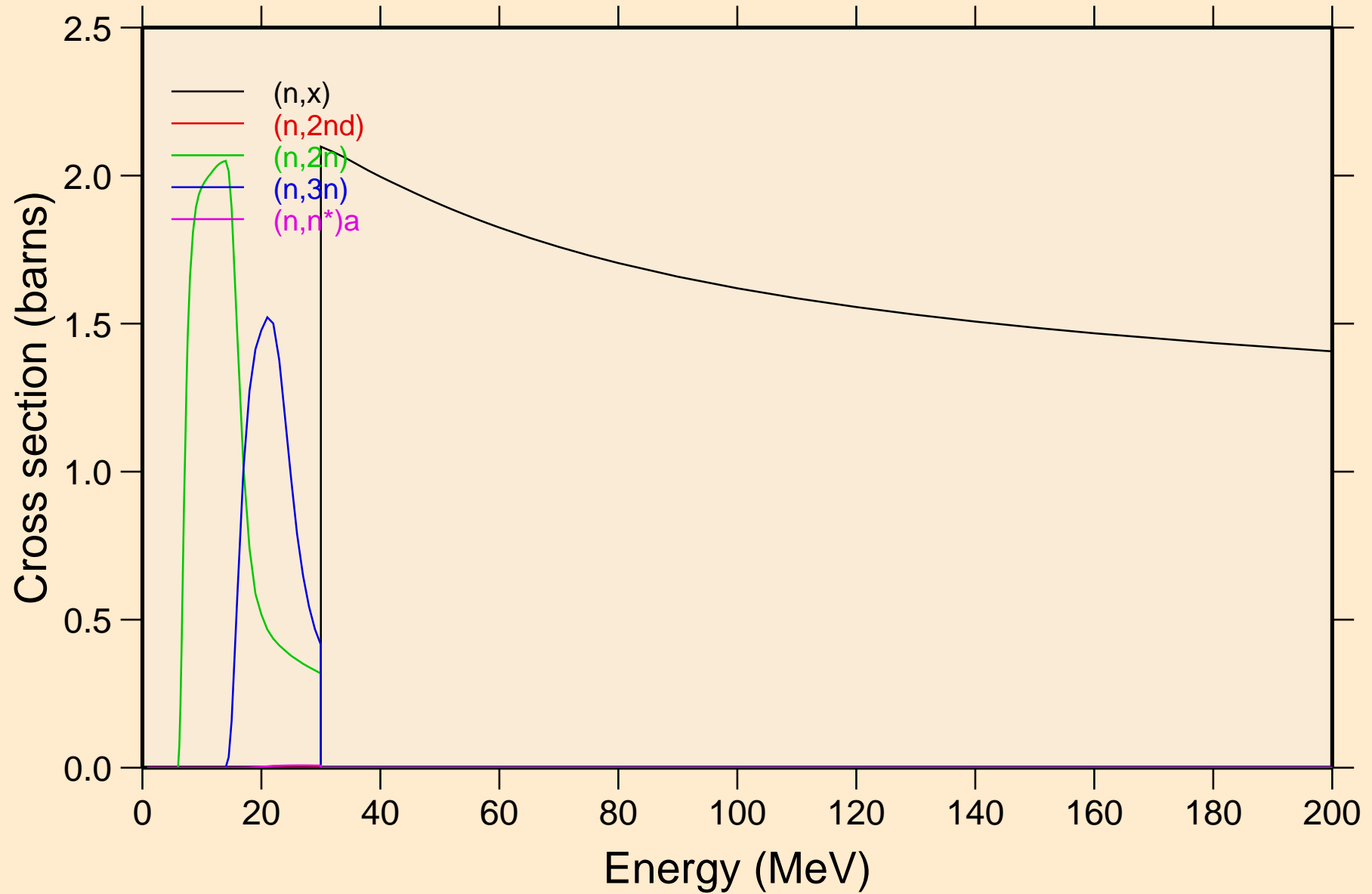
# GD159 NRG TENDL-2015, AKONING

## Inelastic levels



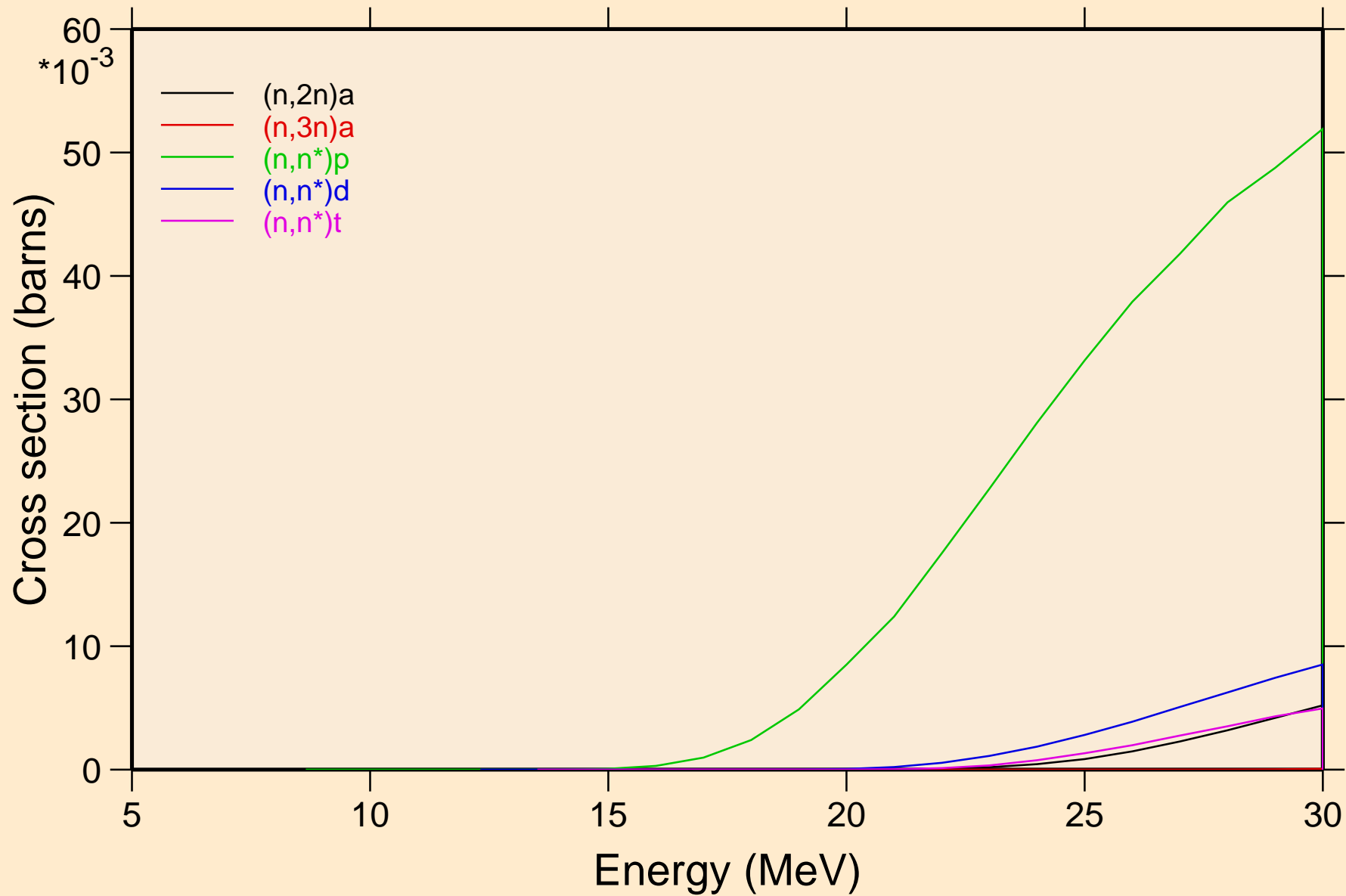
# GD159 NRG TENDL-2015, AKONING

## Threshold reactions



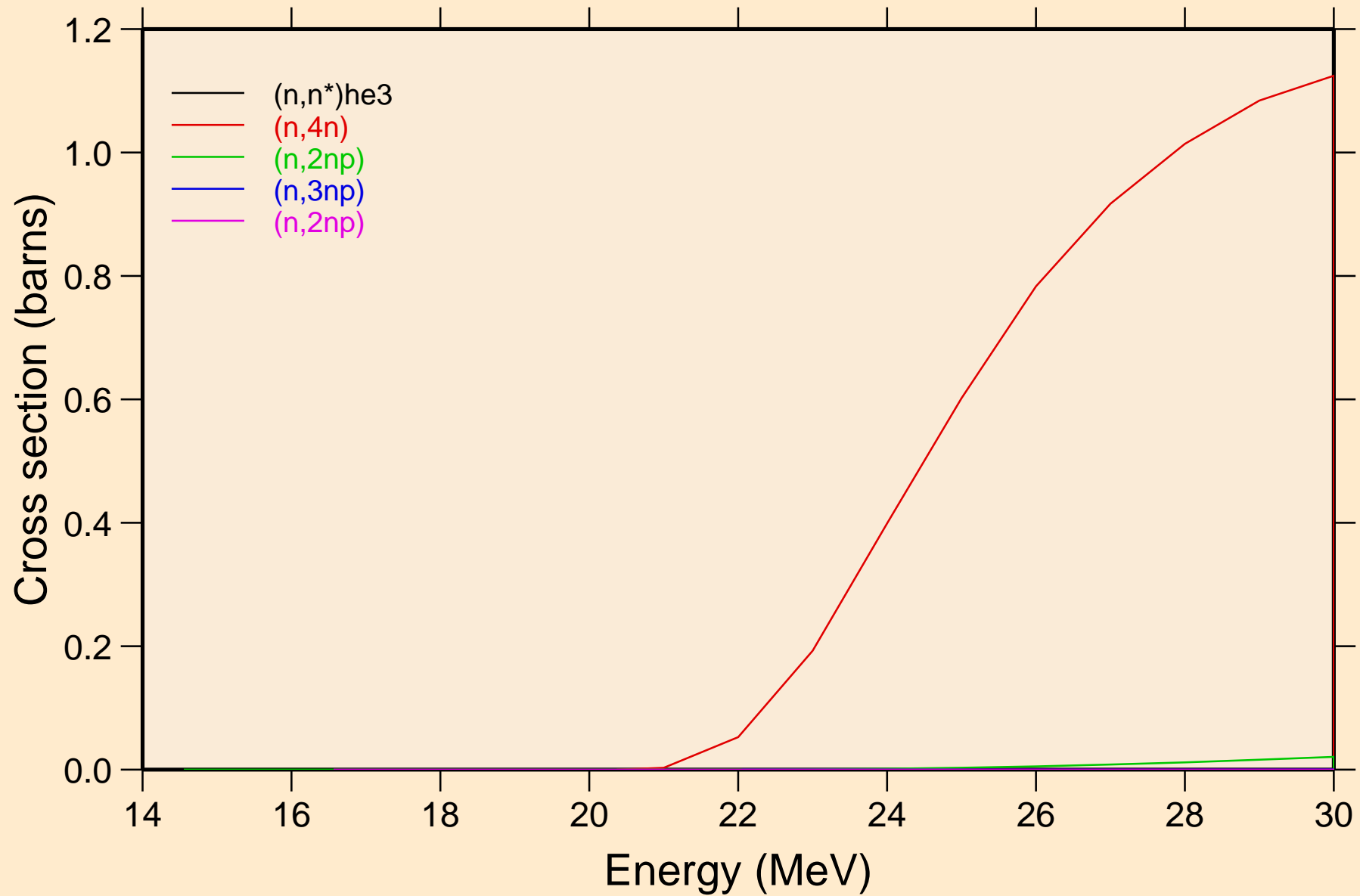
# GD159 NRG TENDL-2015, AKONING

## Threshold reactions



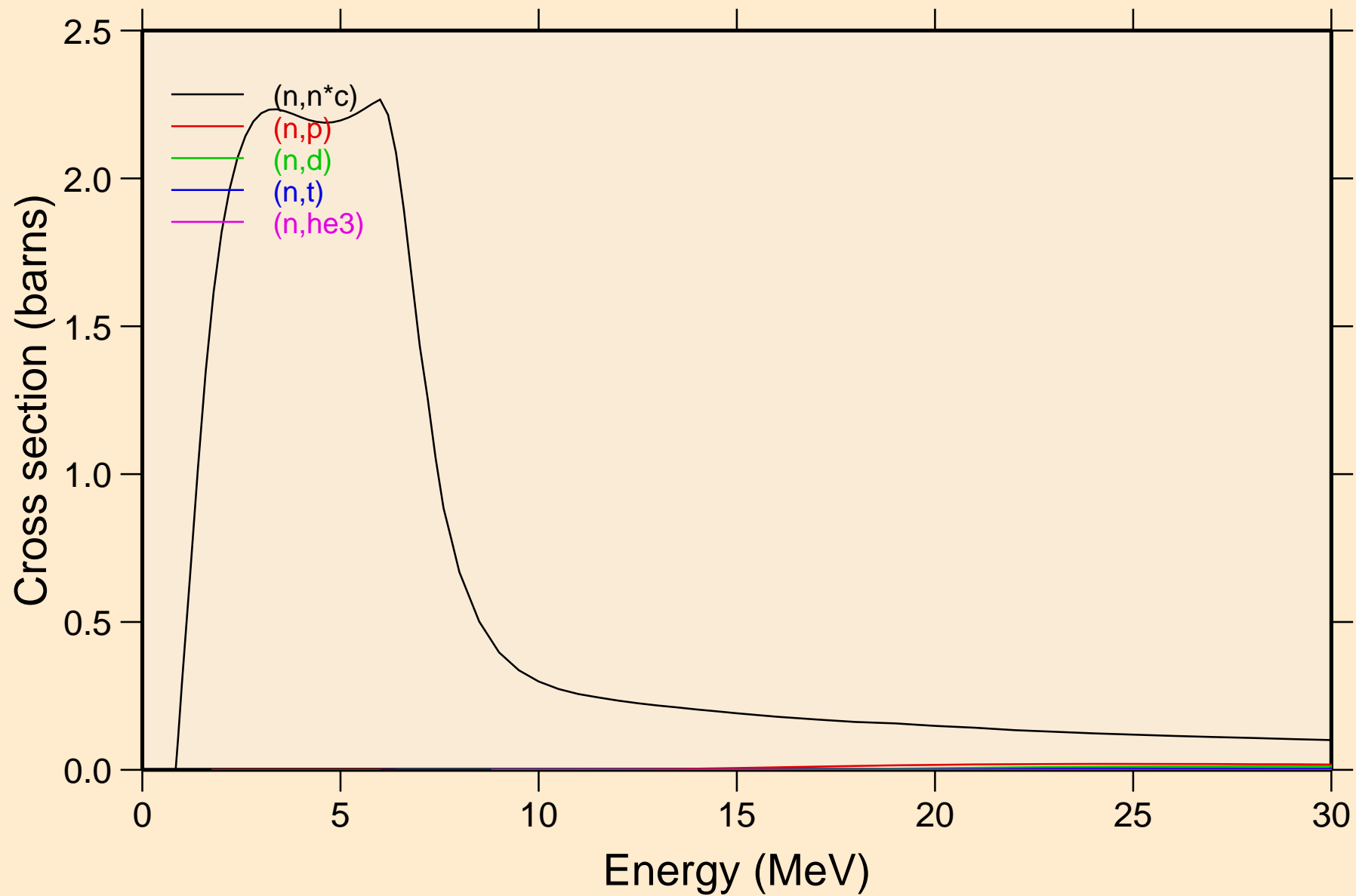
# GD159 NRG TENDL-2015, AKONING

## Threshold reactions



# GD159 NRG TENDL-2015, AKONING

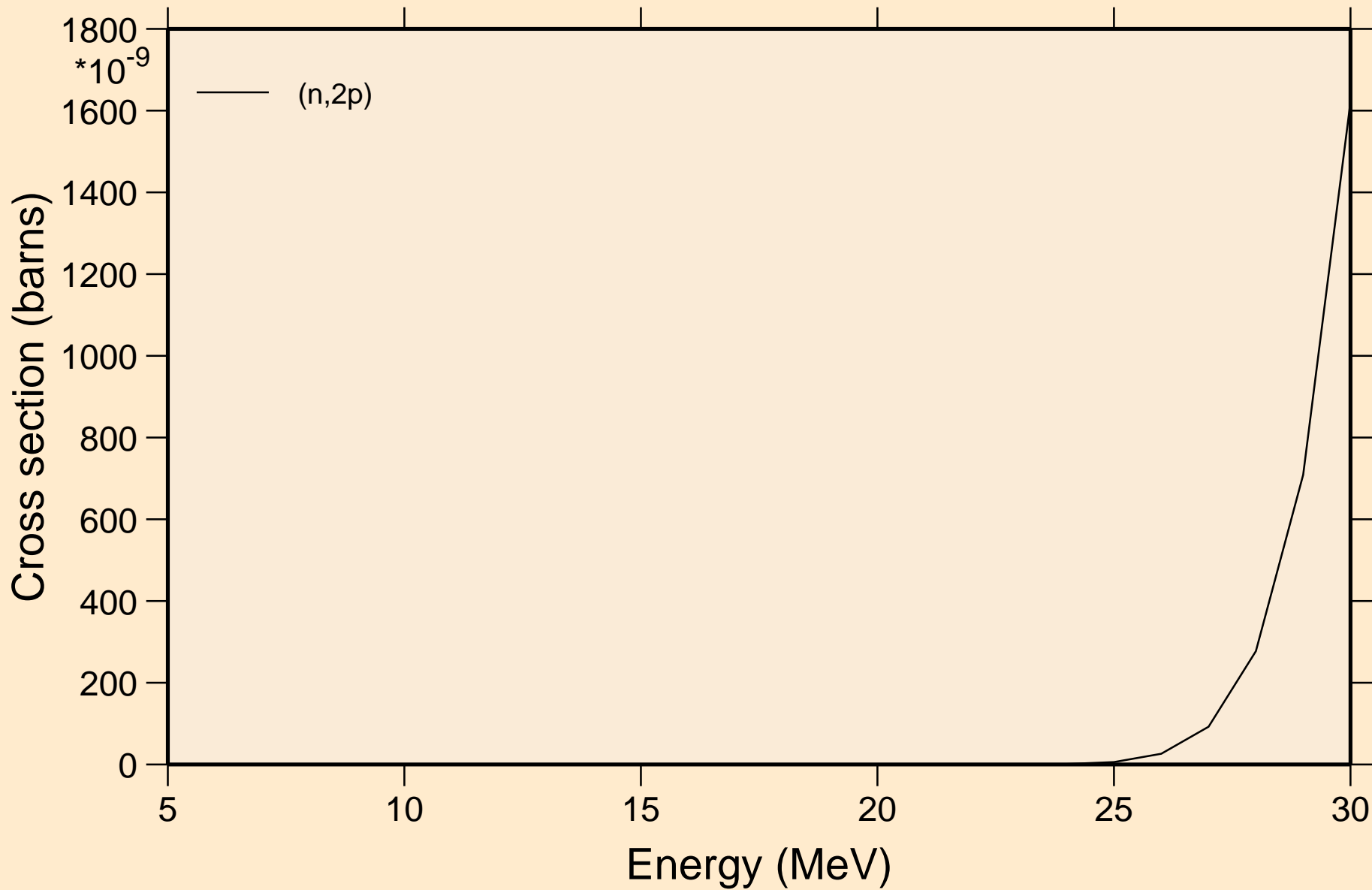
## Threshold reactions



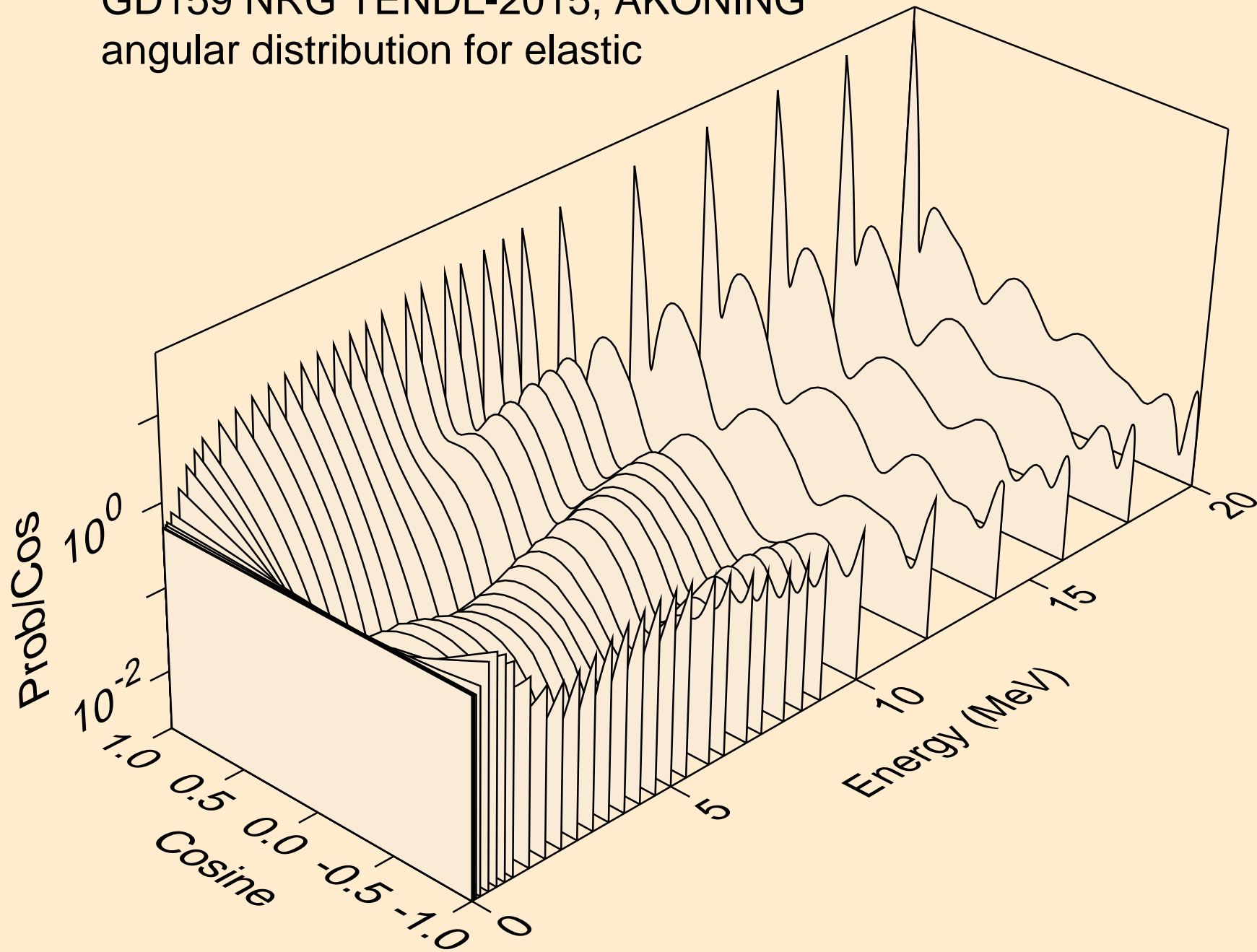


# GD159 NRG TENDL-2015, AKONING

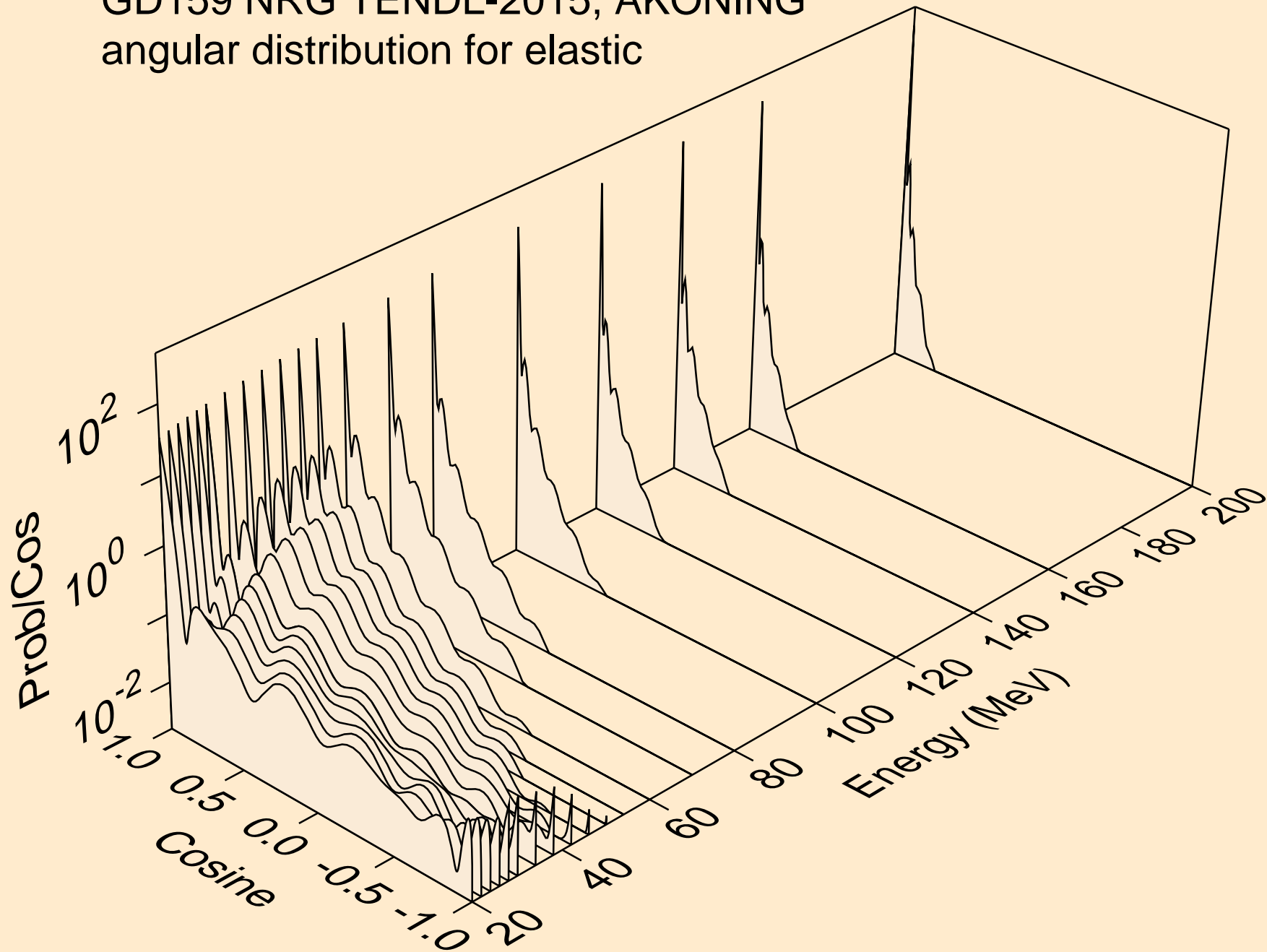
## Threshold reactions



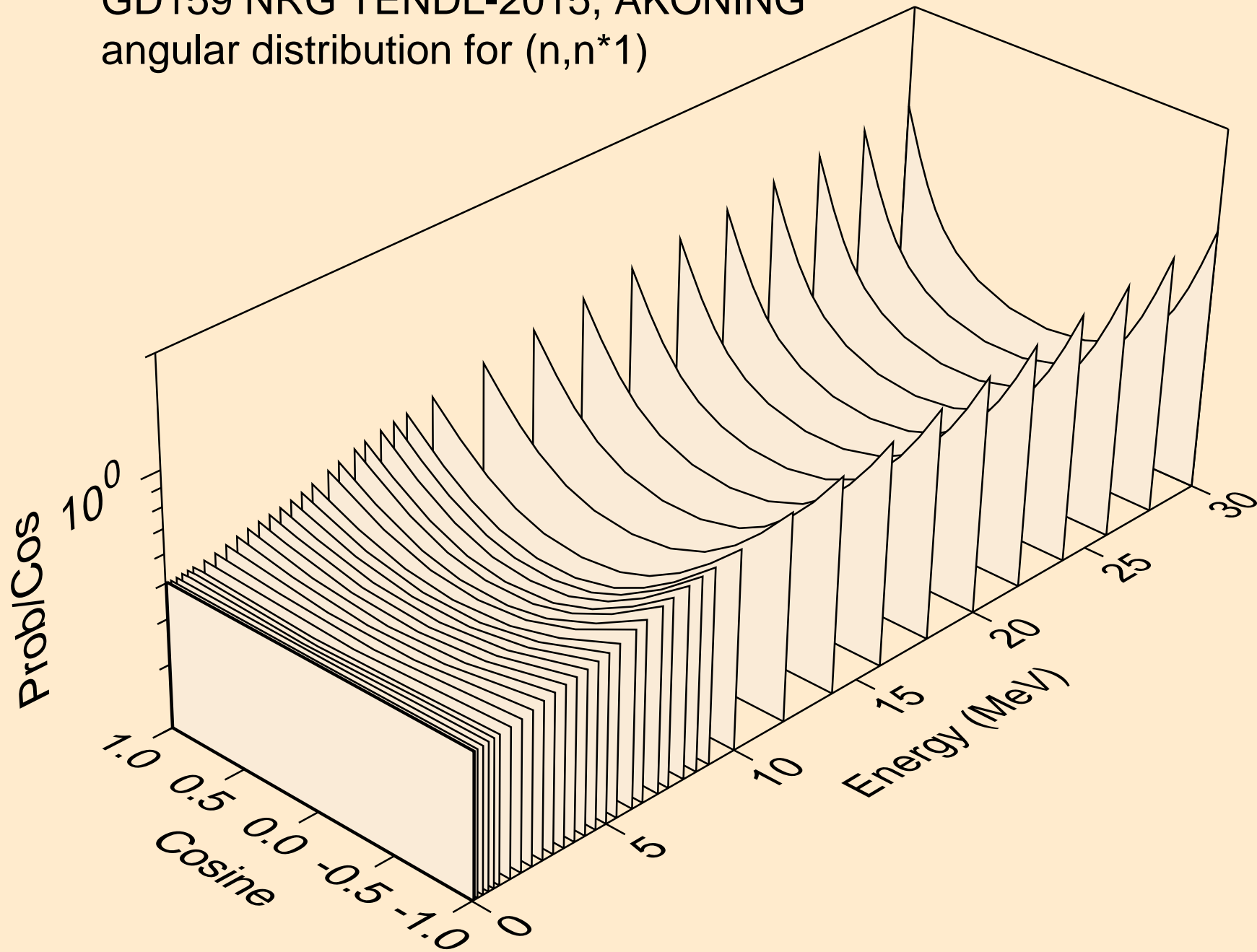
GD159 NRG TENDL-2015, AKONING  
angular distribution for elastic



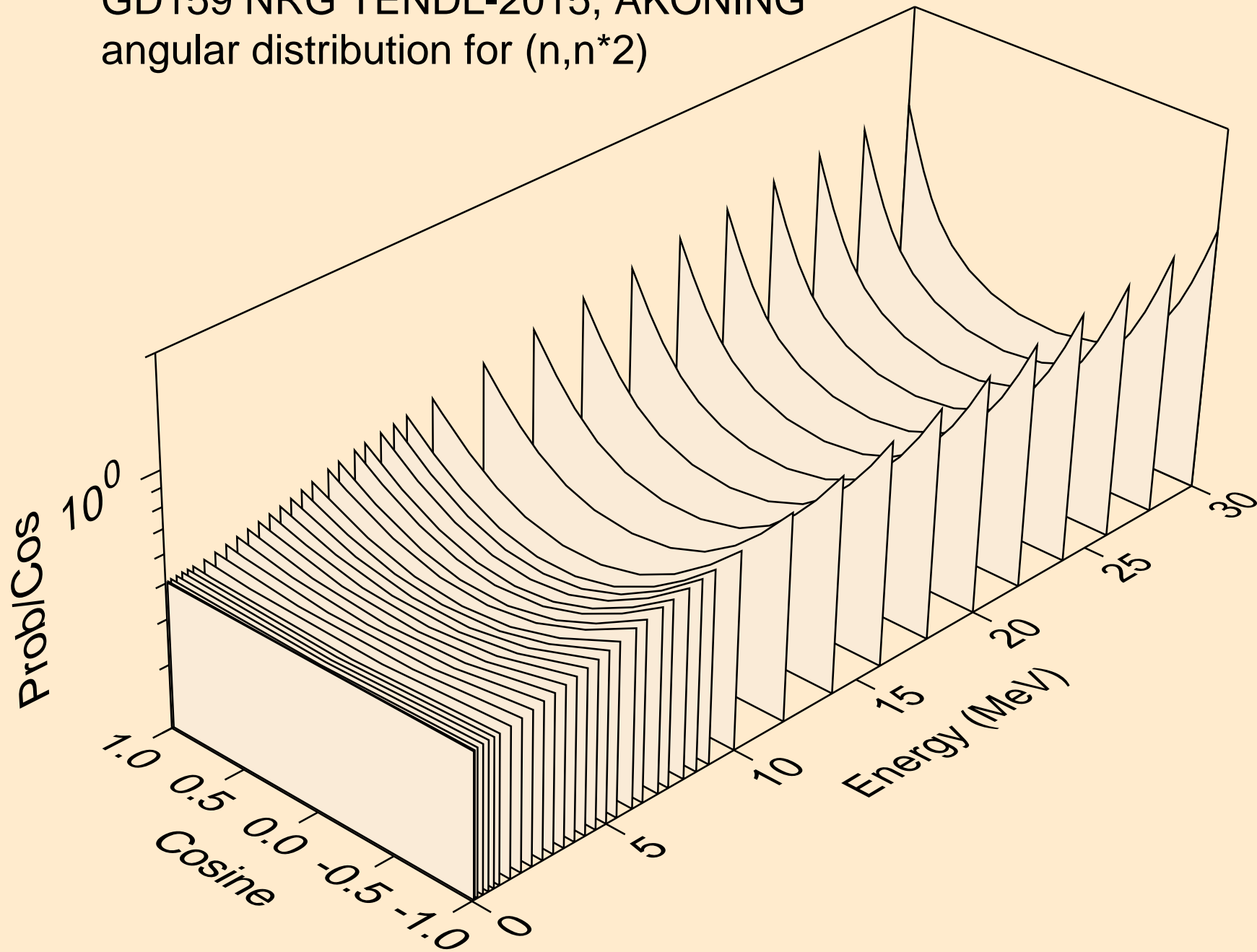
GD159 NRG TENDL-2015, AKONING  
angular distribution for elastic



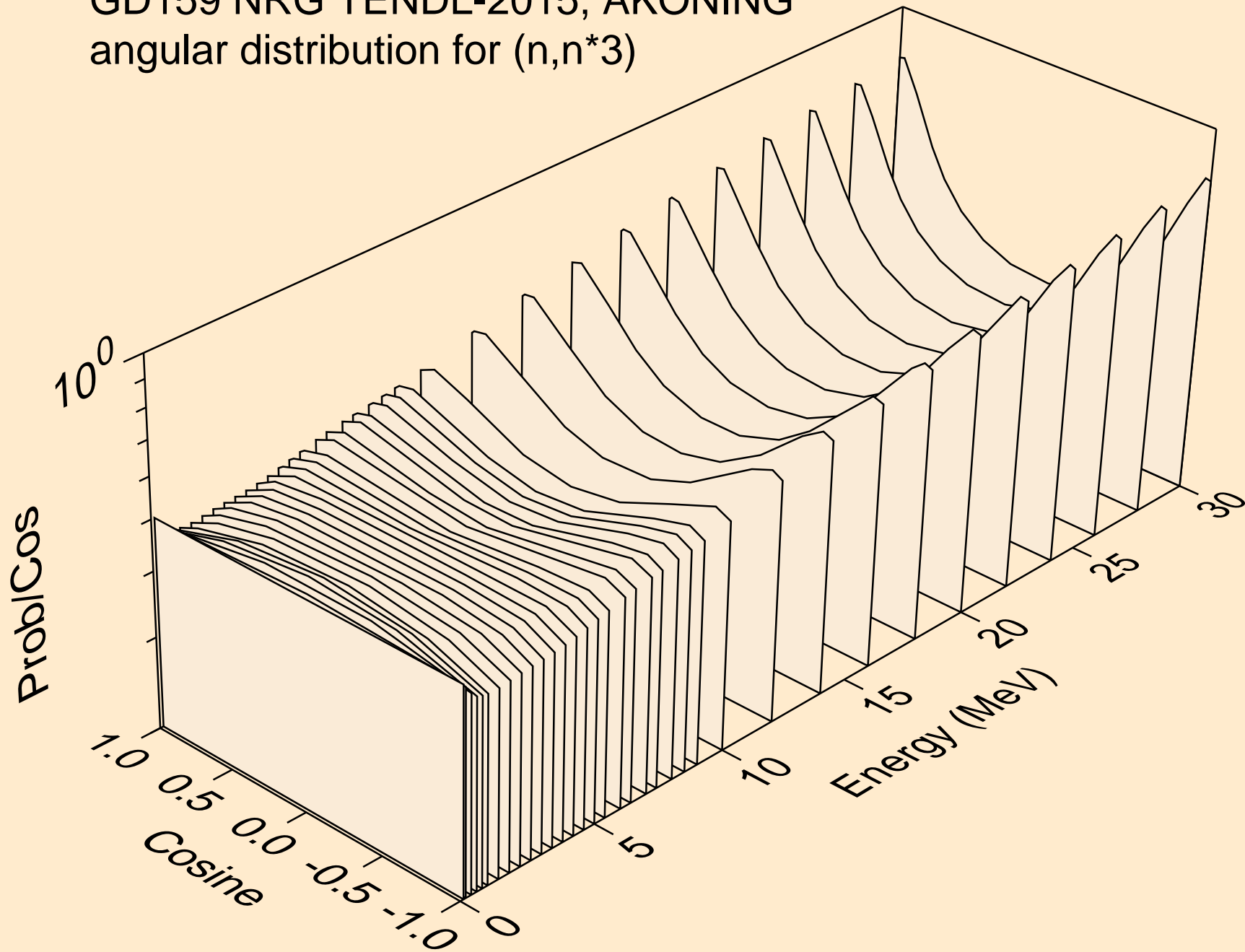
GD159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



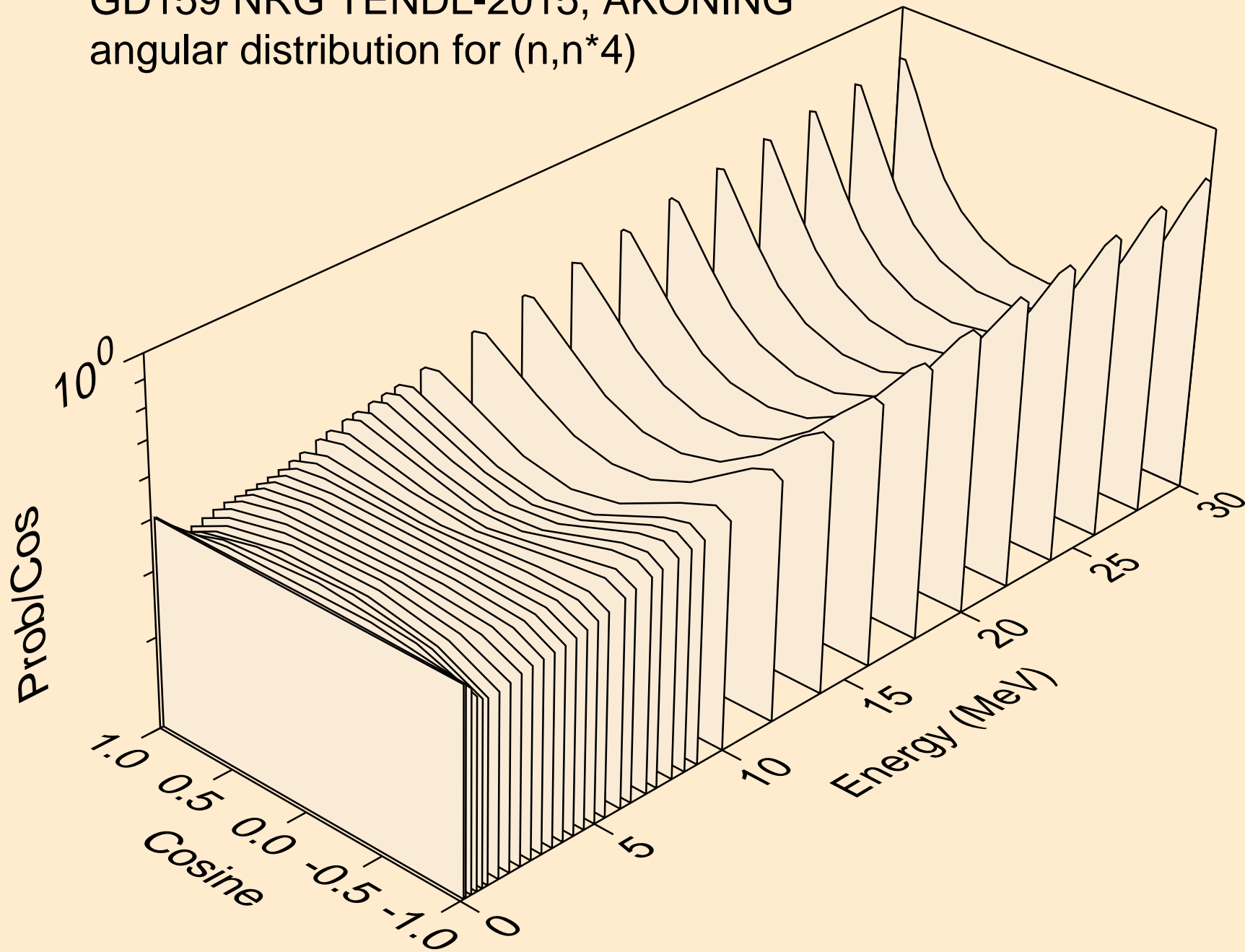
GD159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



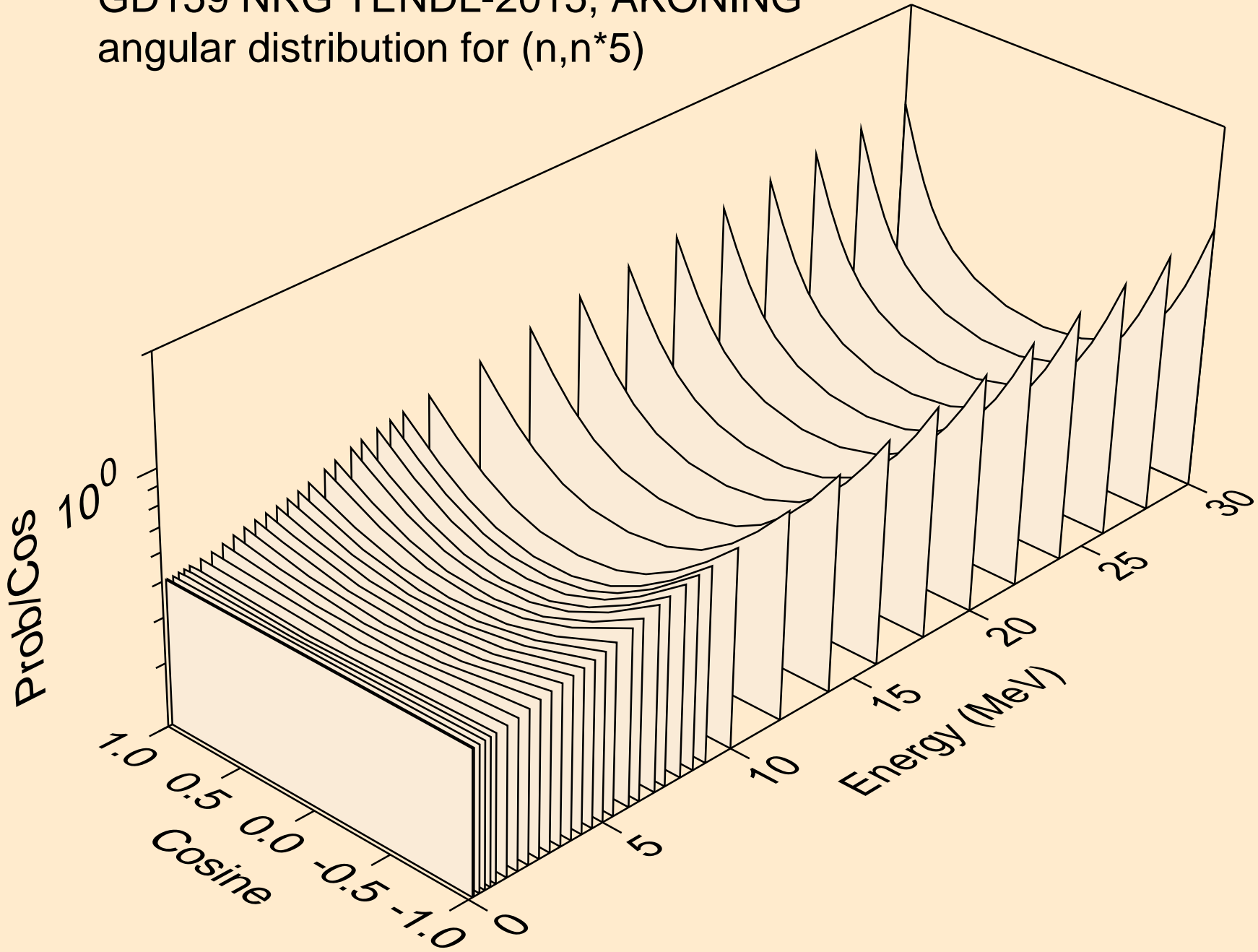
GD159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



GD159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)

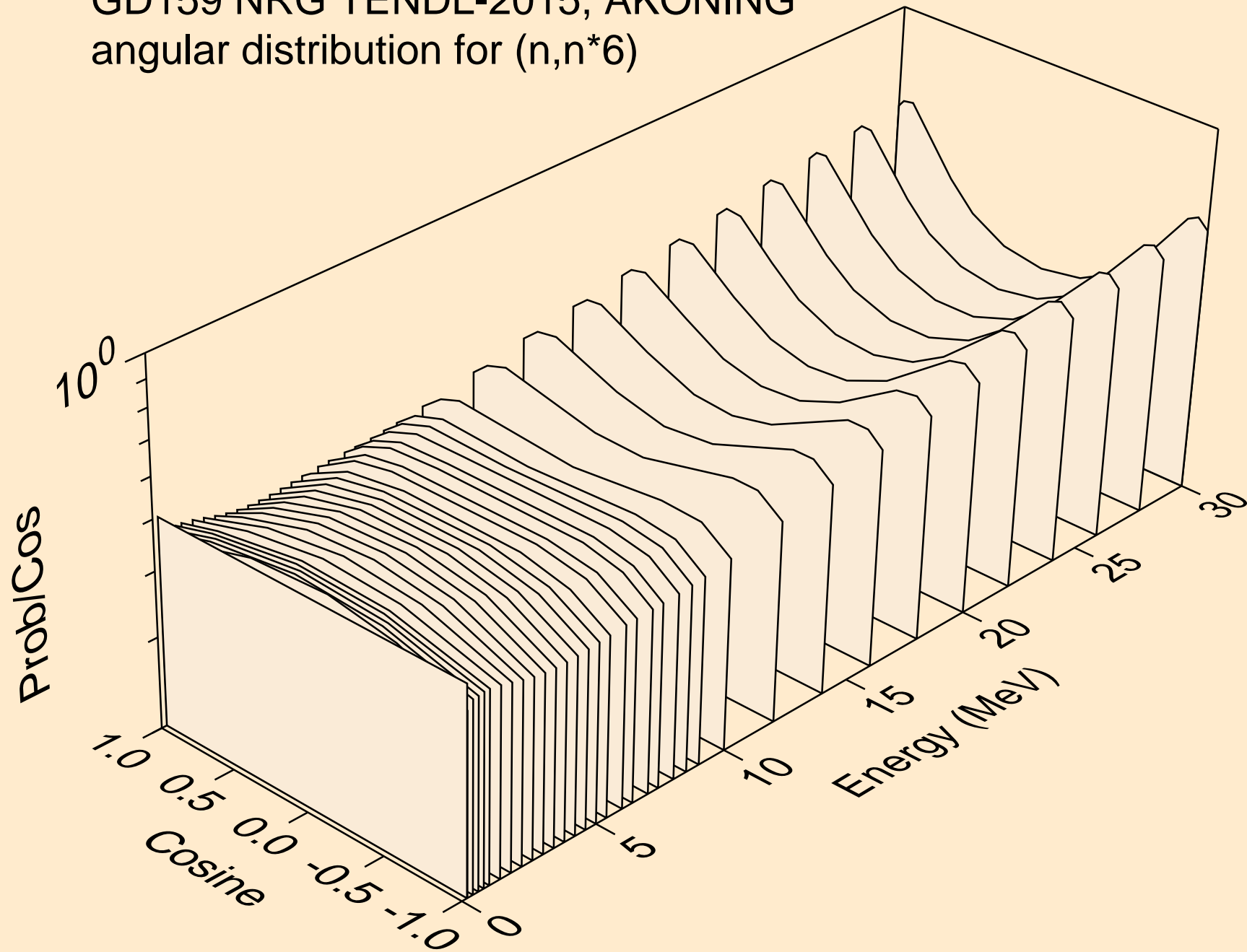


GD159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

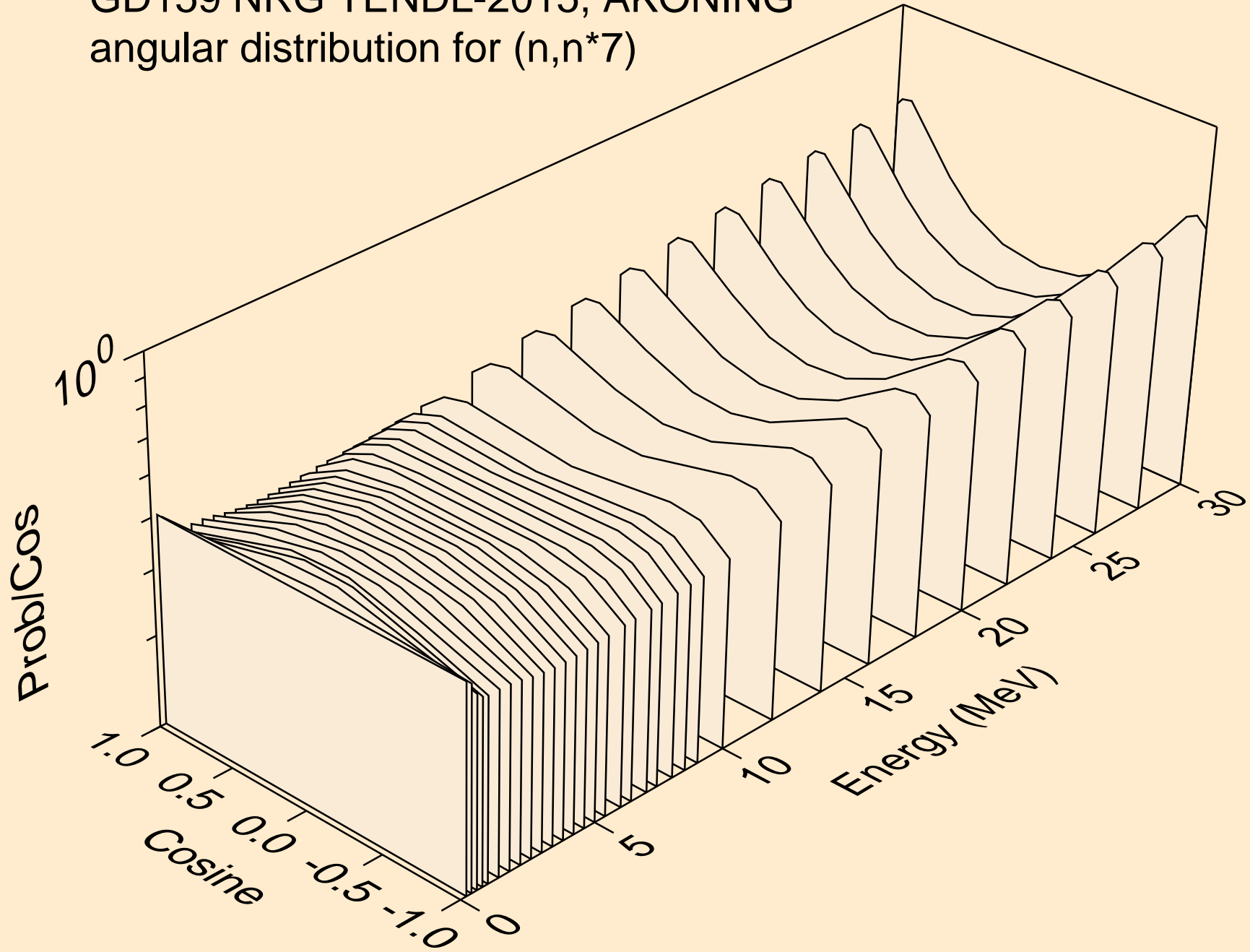




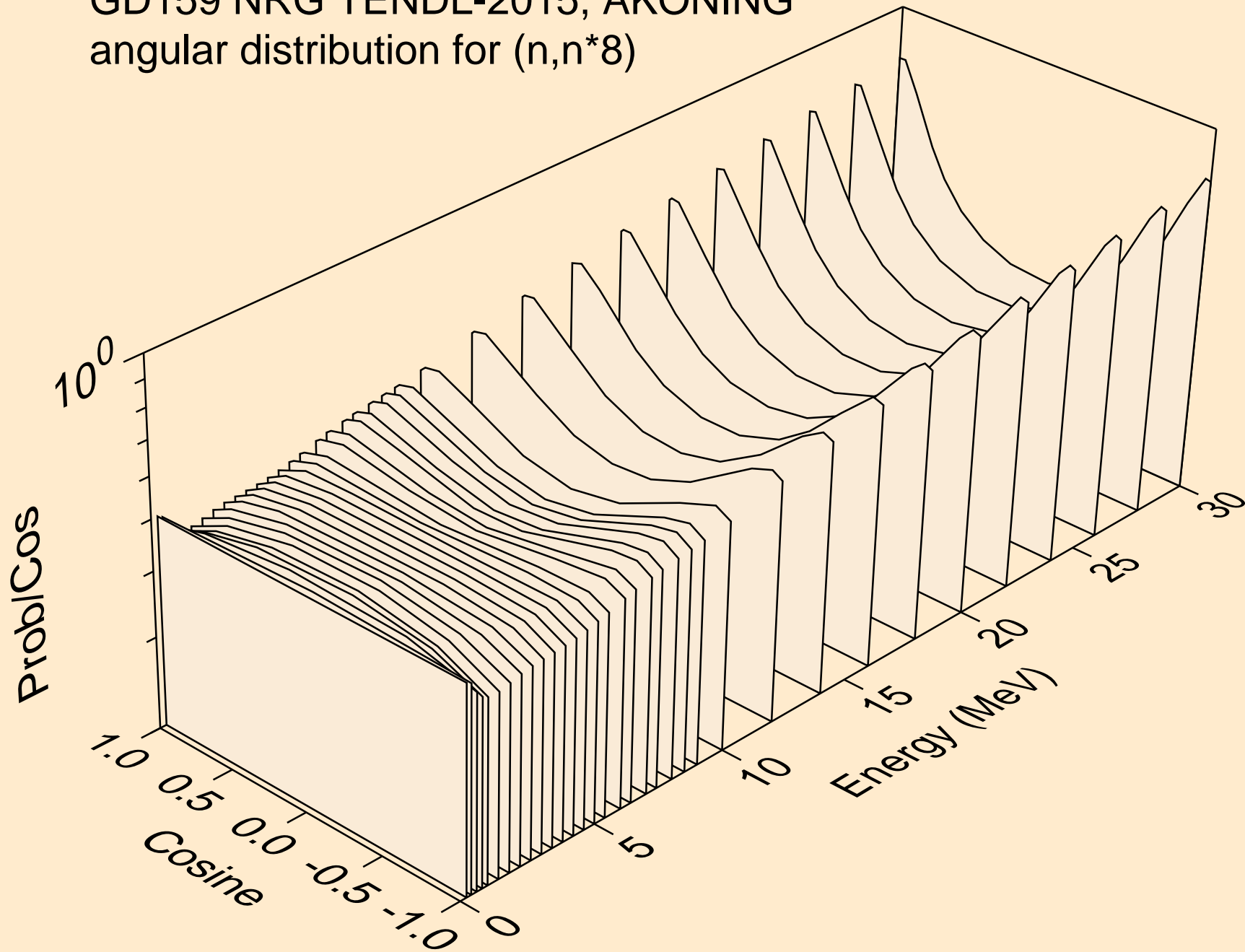
GD159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



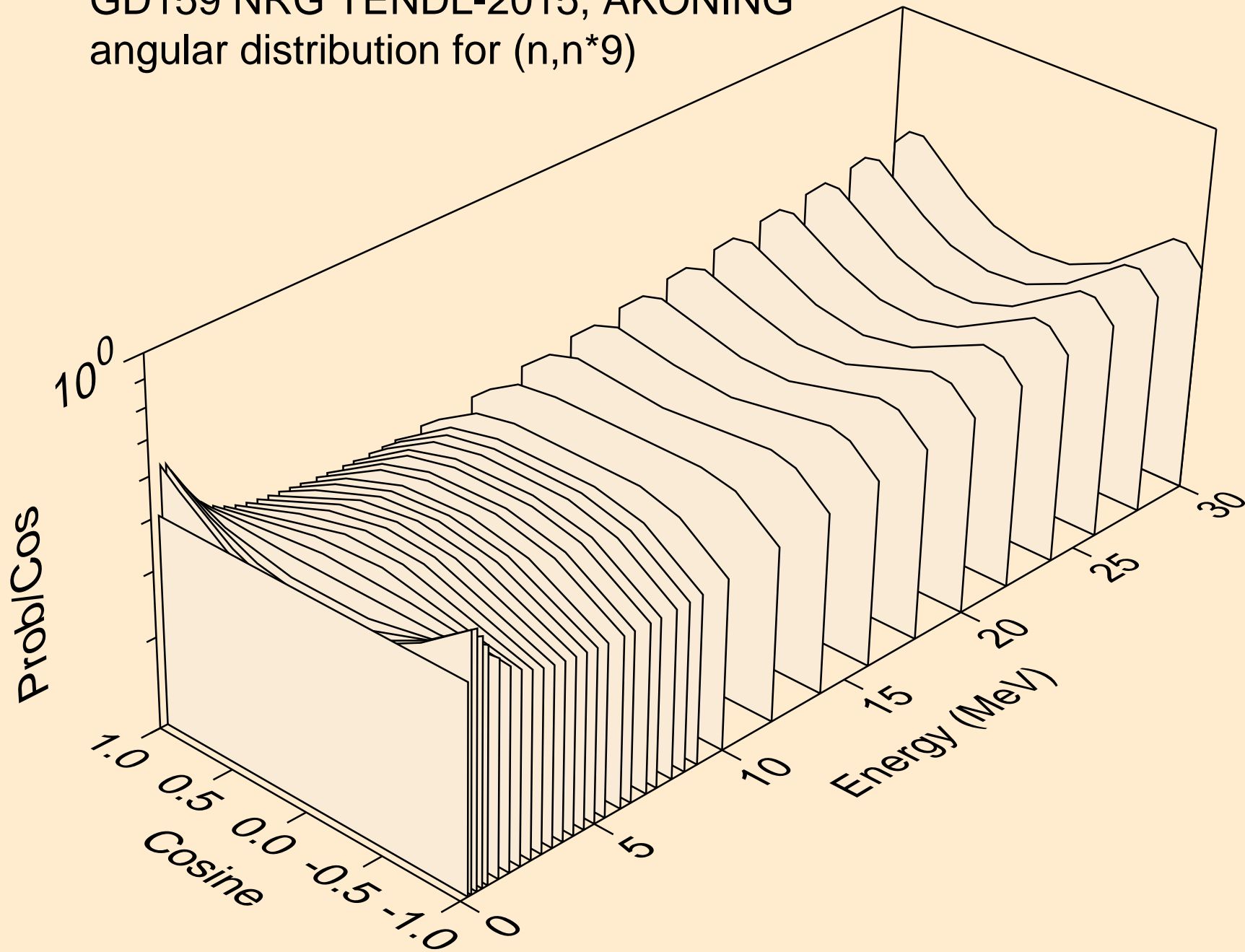
GD159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



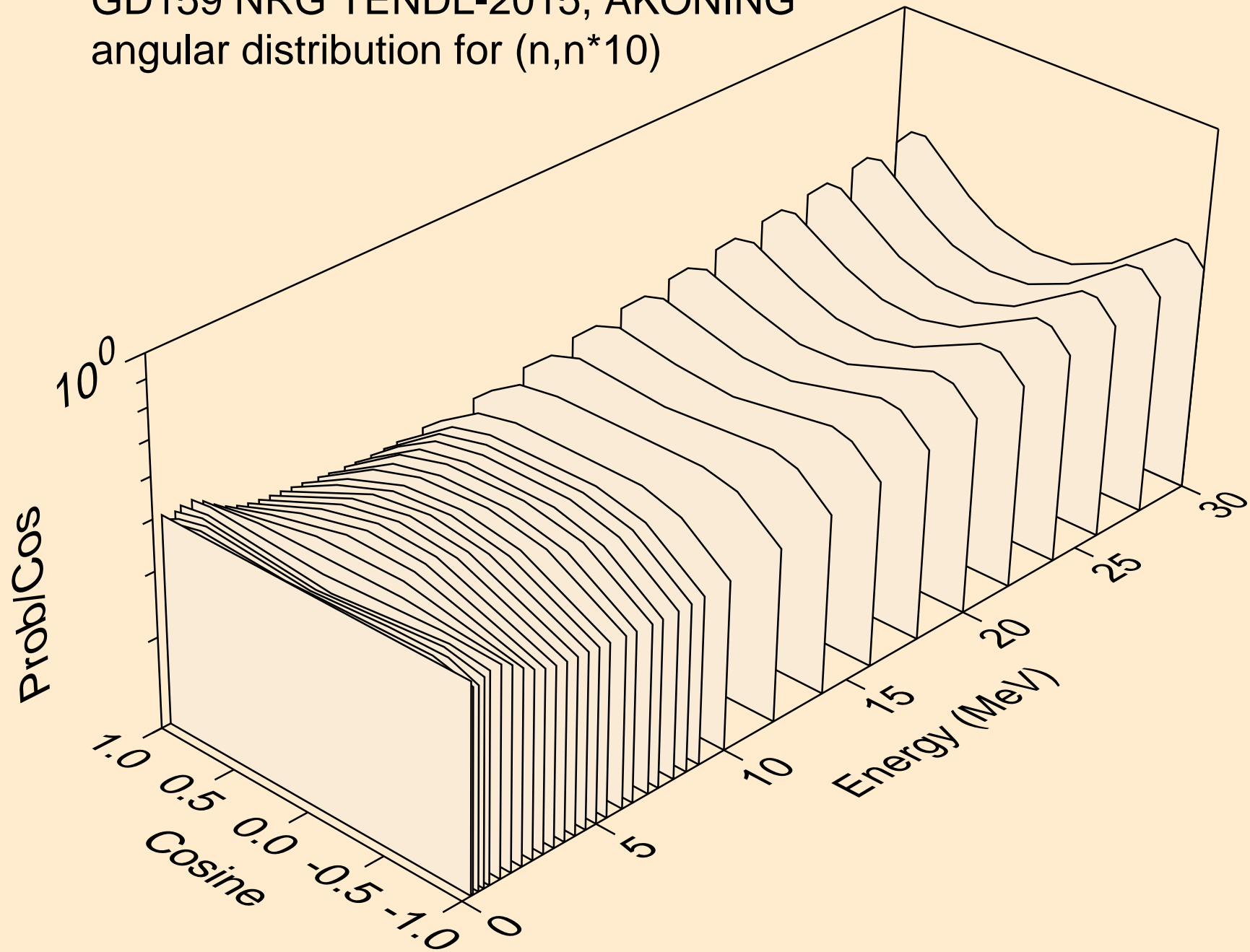
GD159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



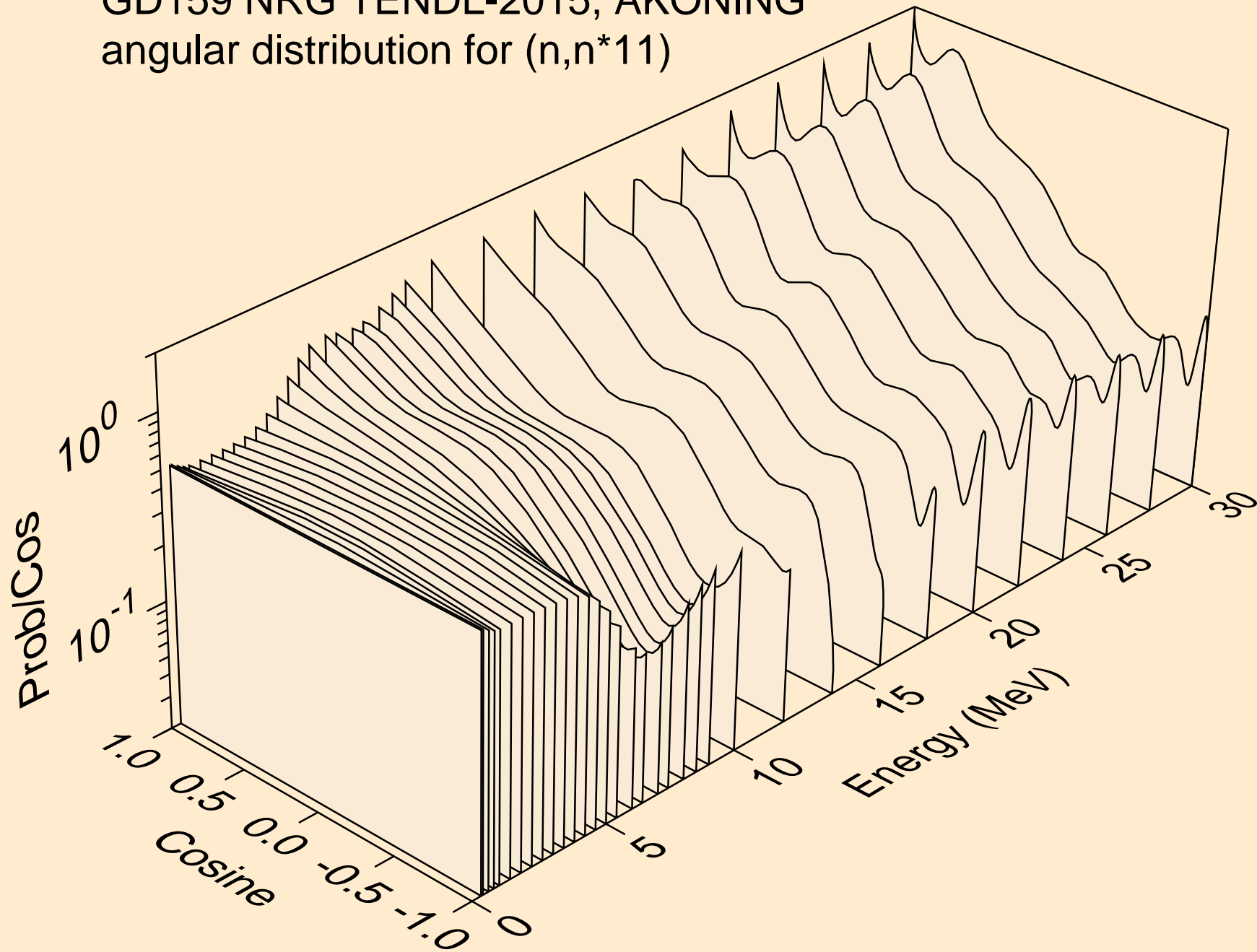
GD159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



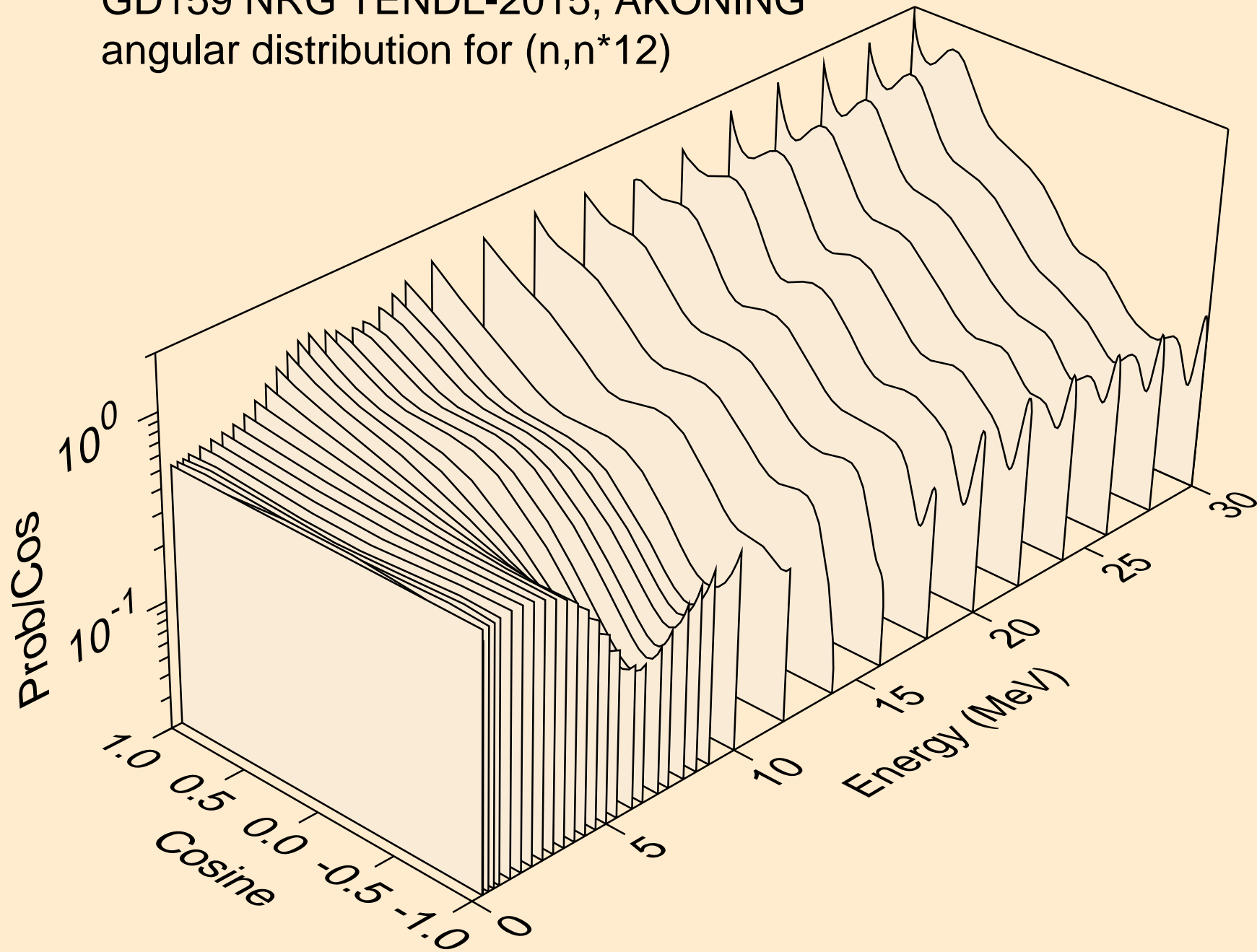
GD159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



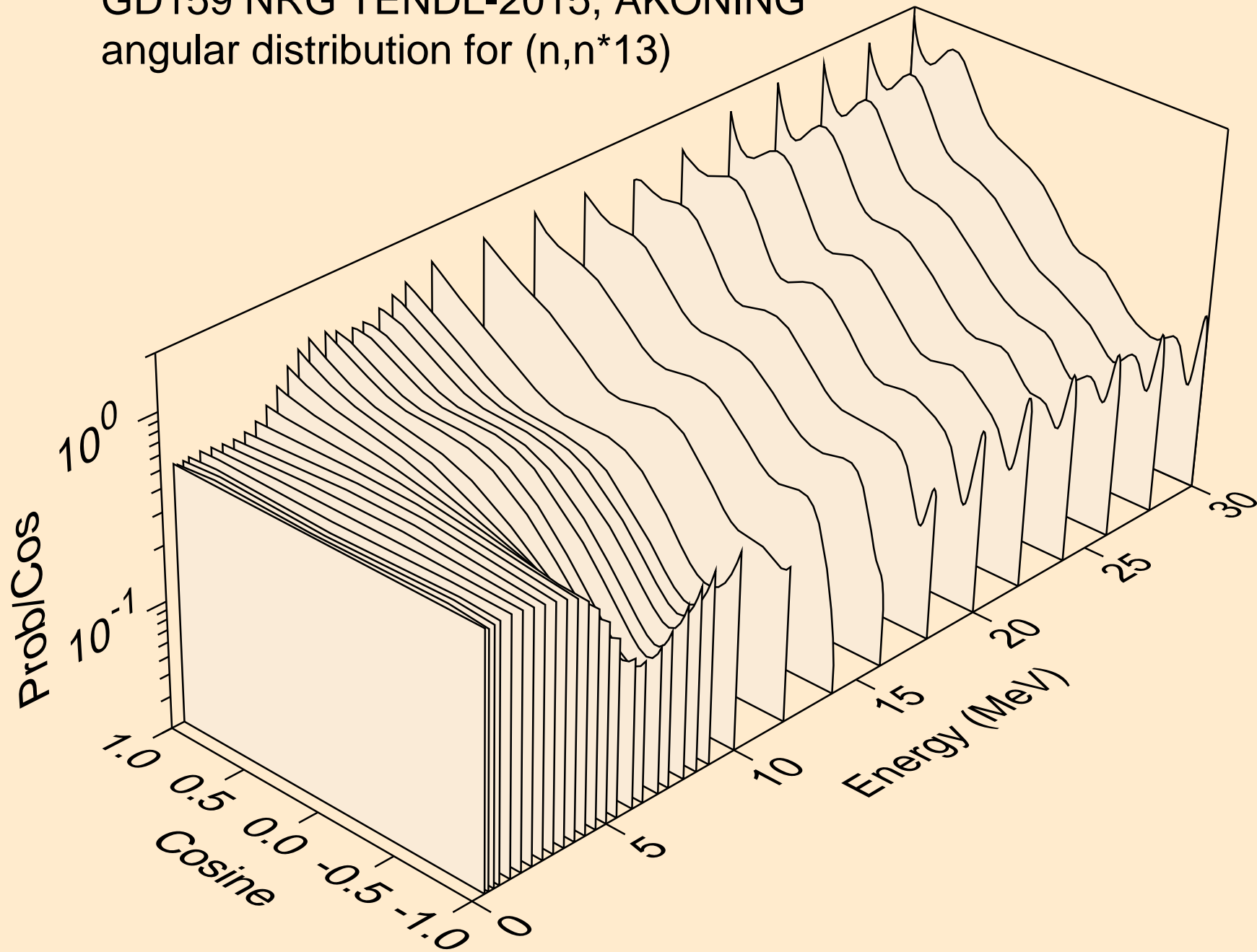
GD159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



GD159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)

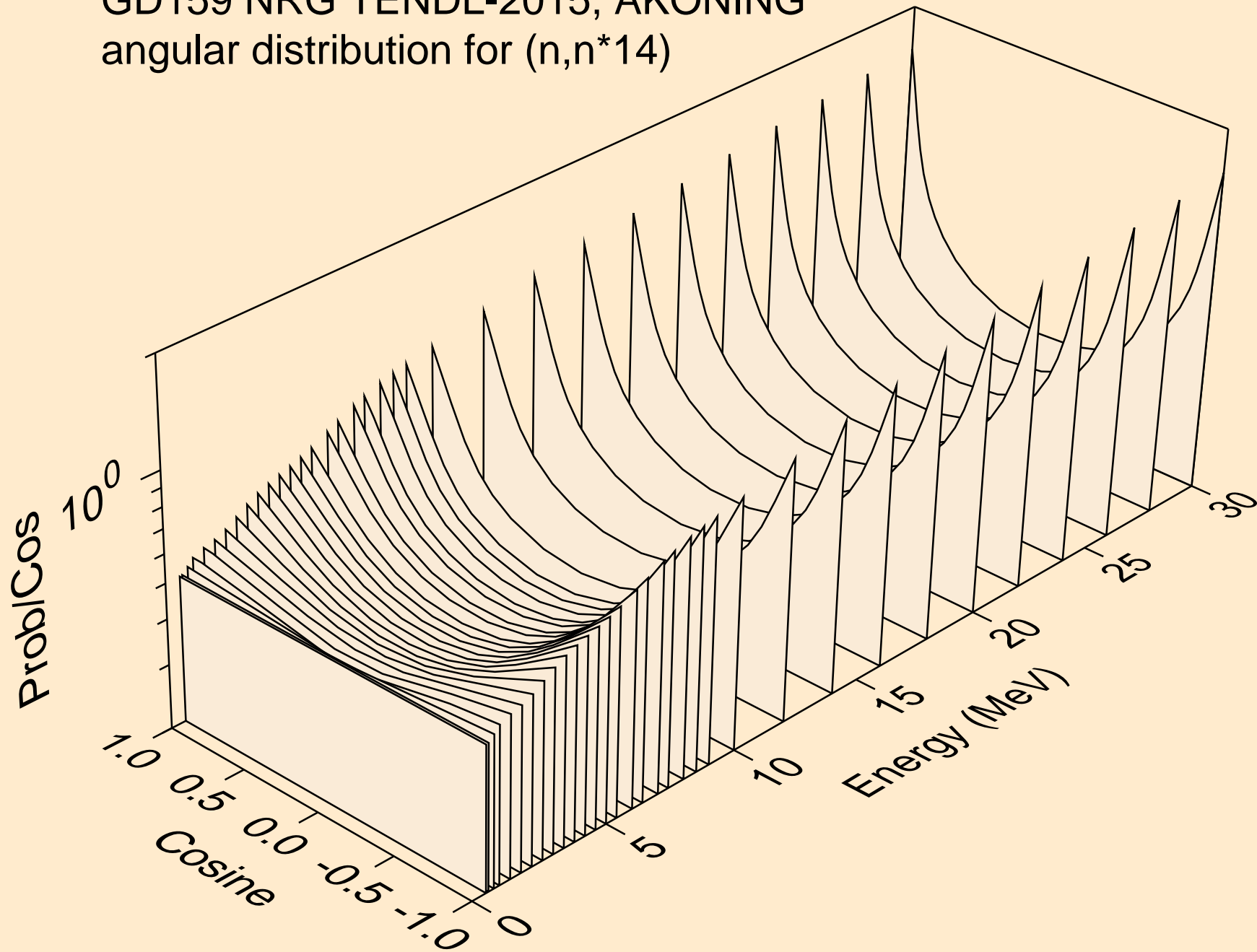


GD159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

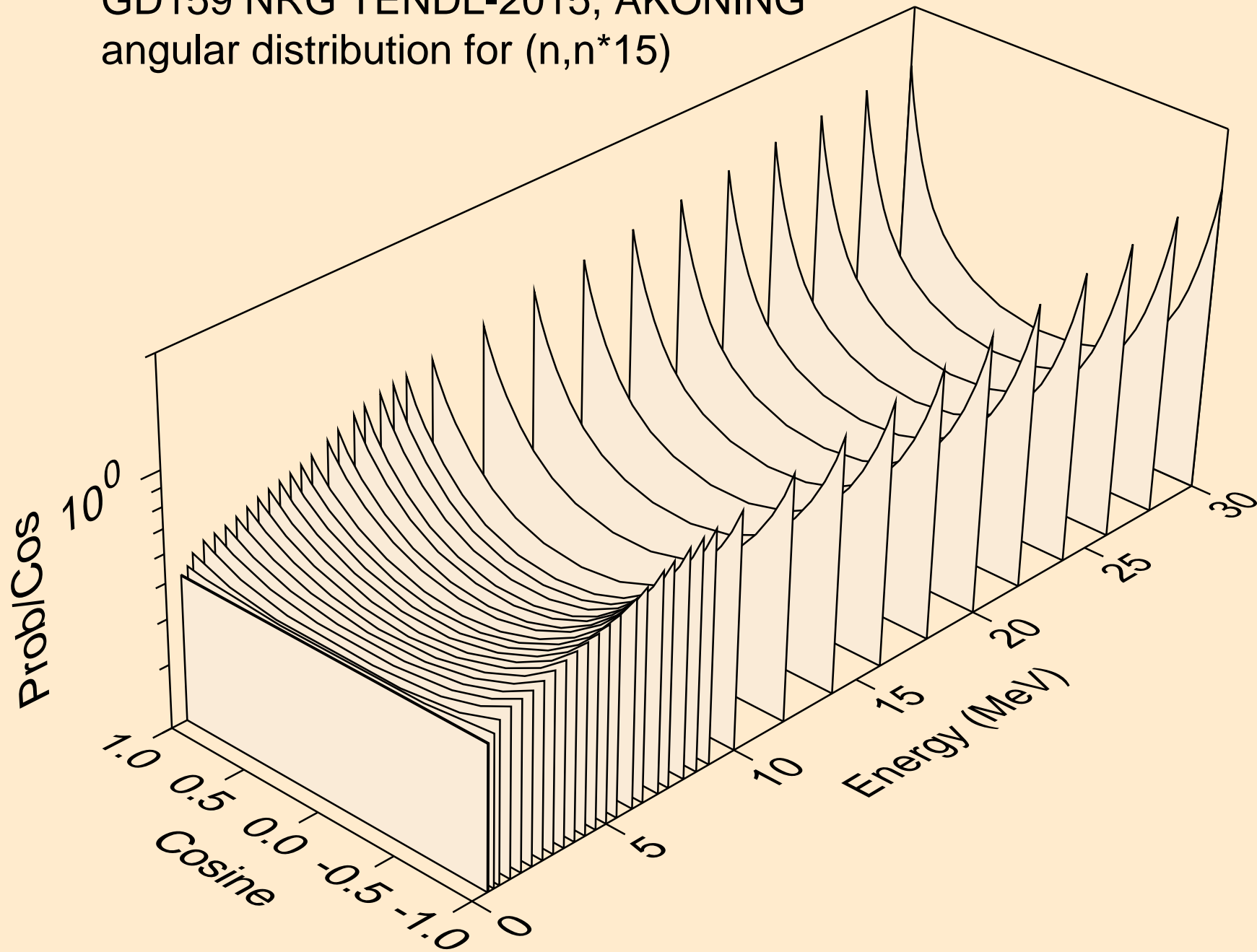




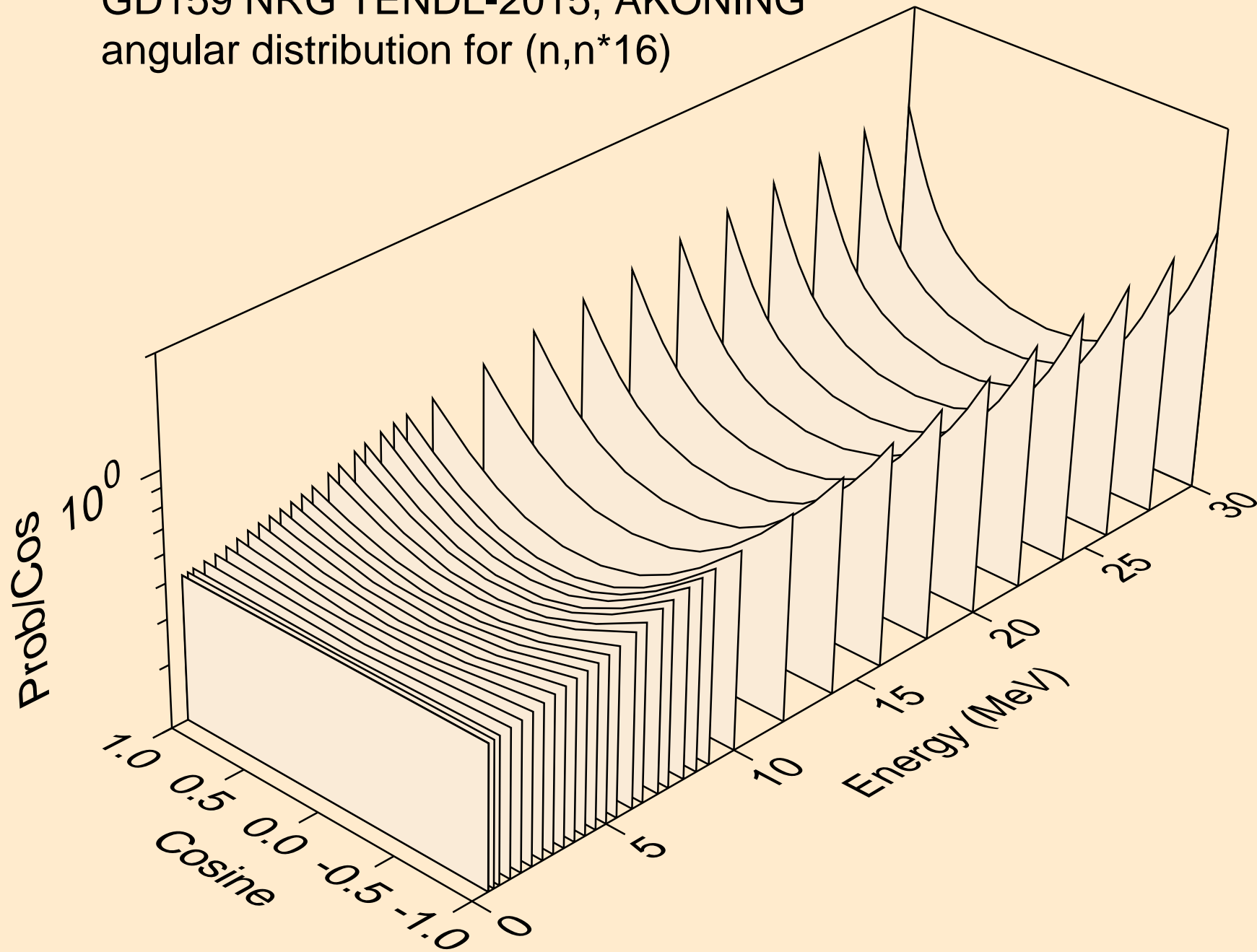
GD159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



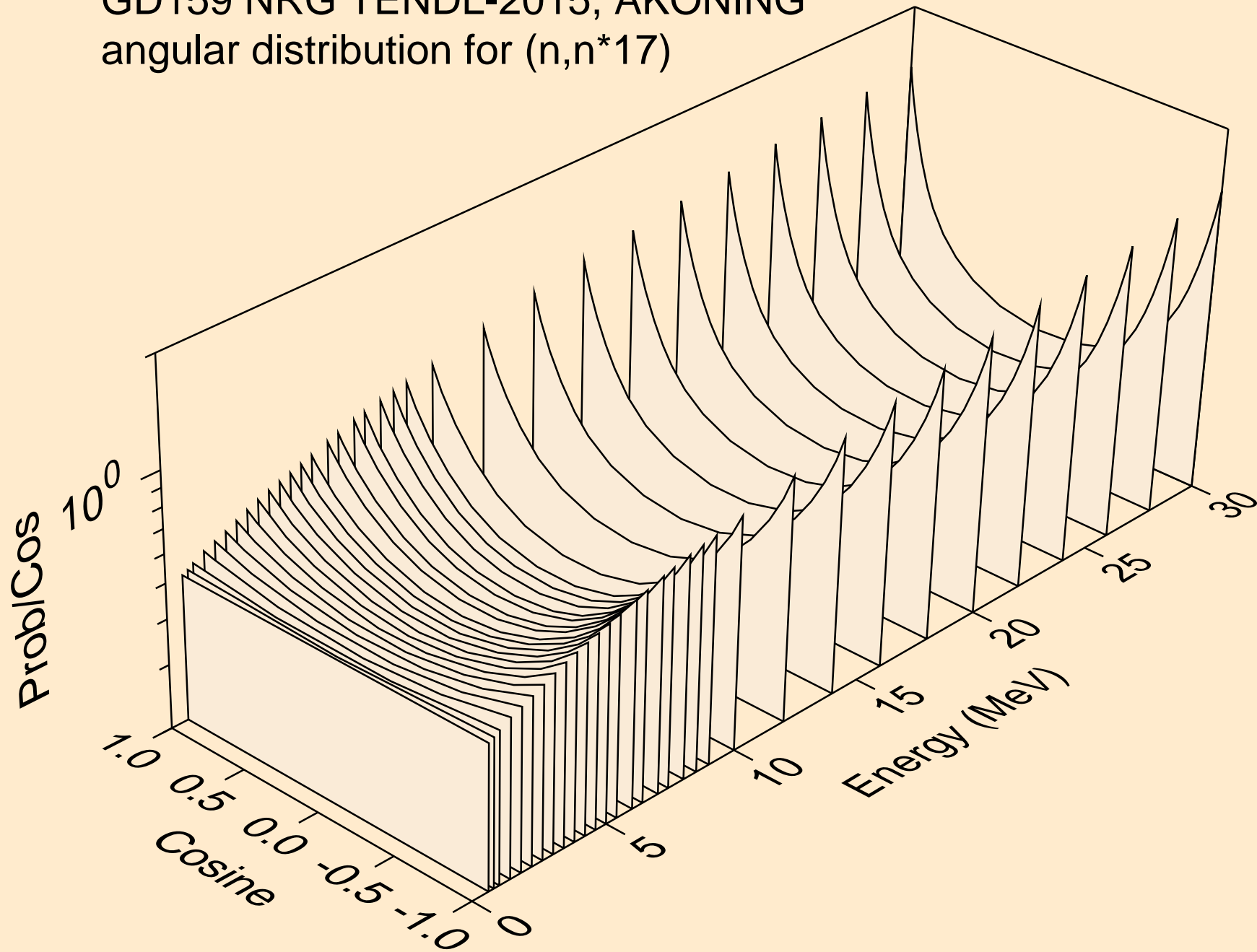
GD159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



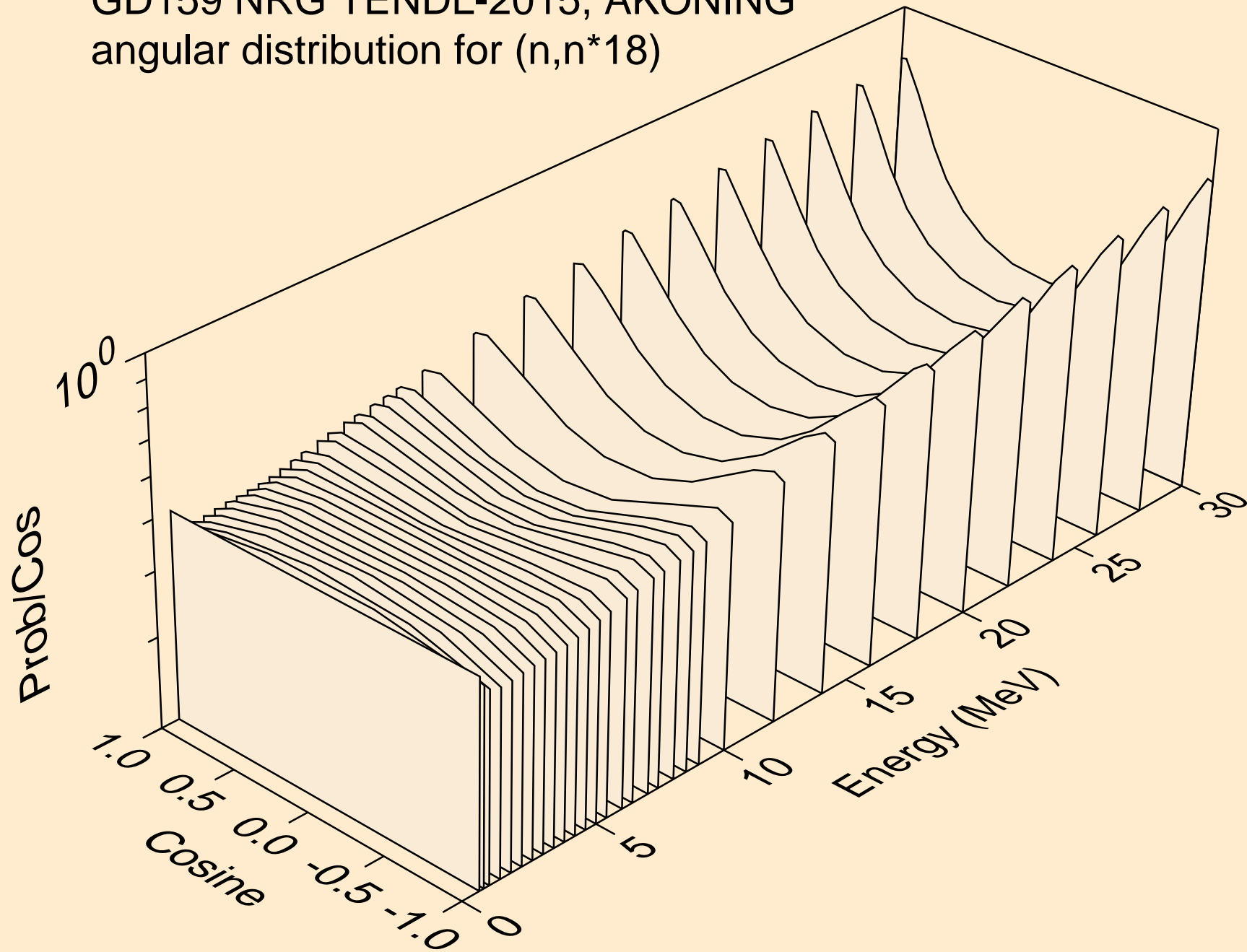
GD159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



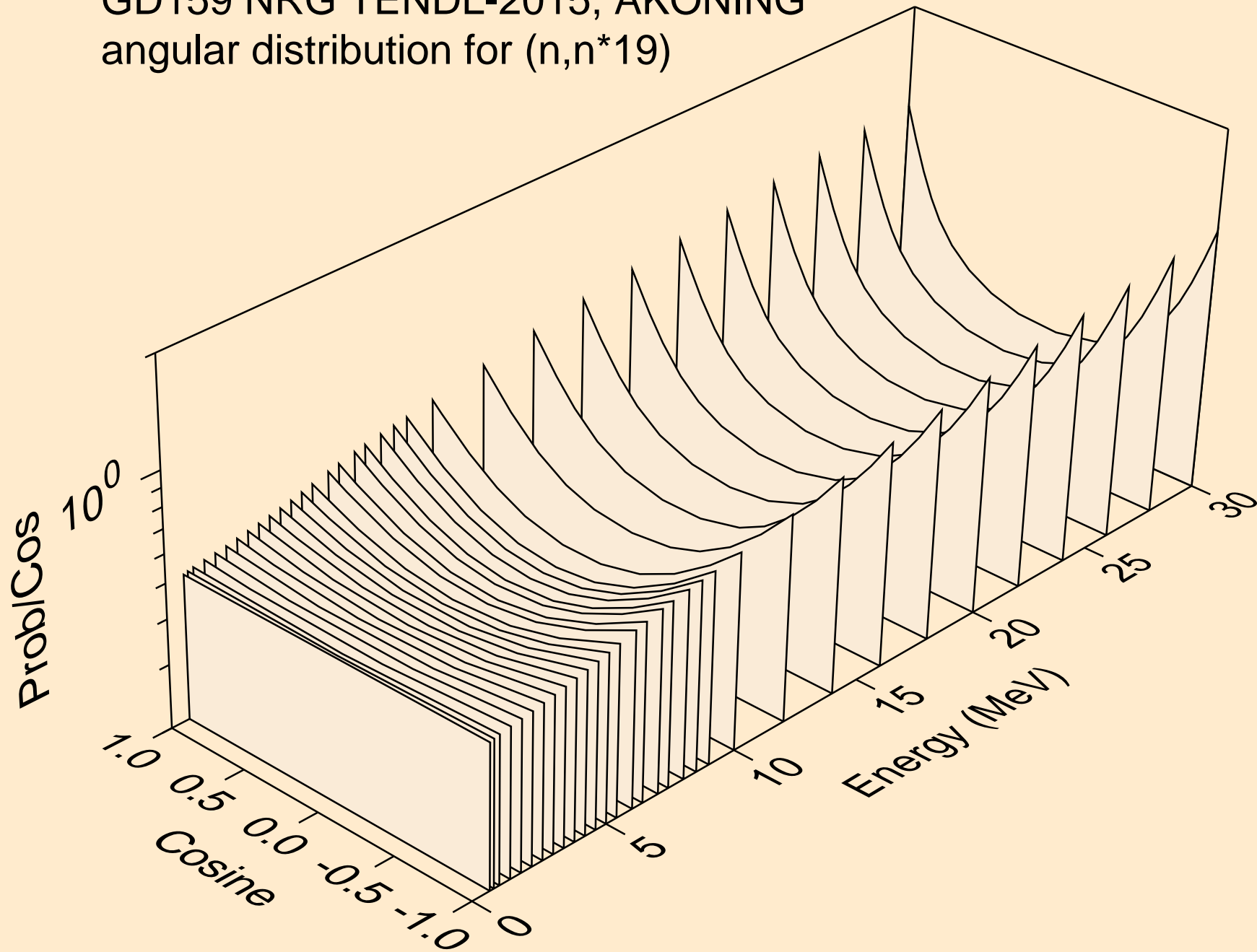
GD159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



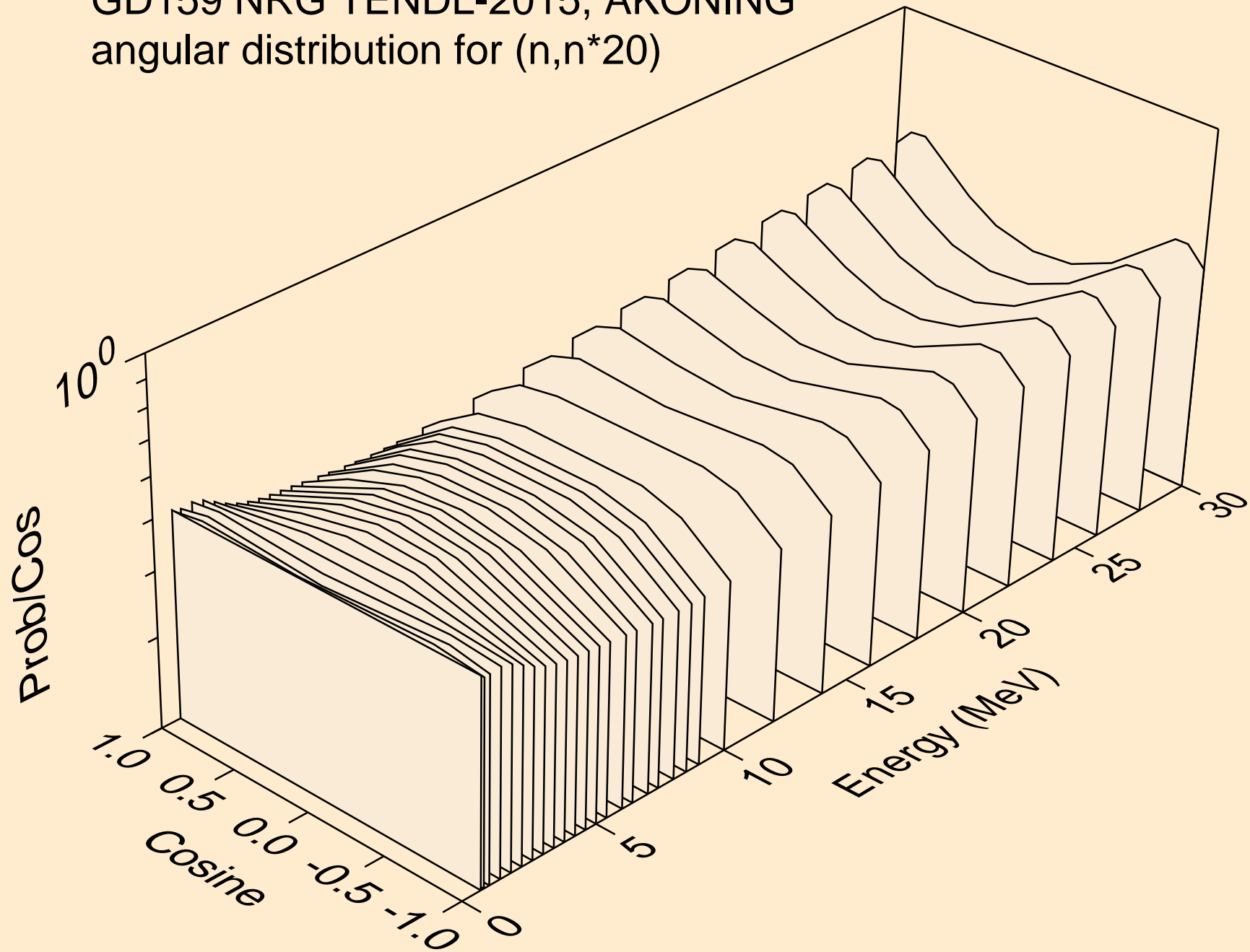
GD159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



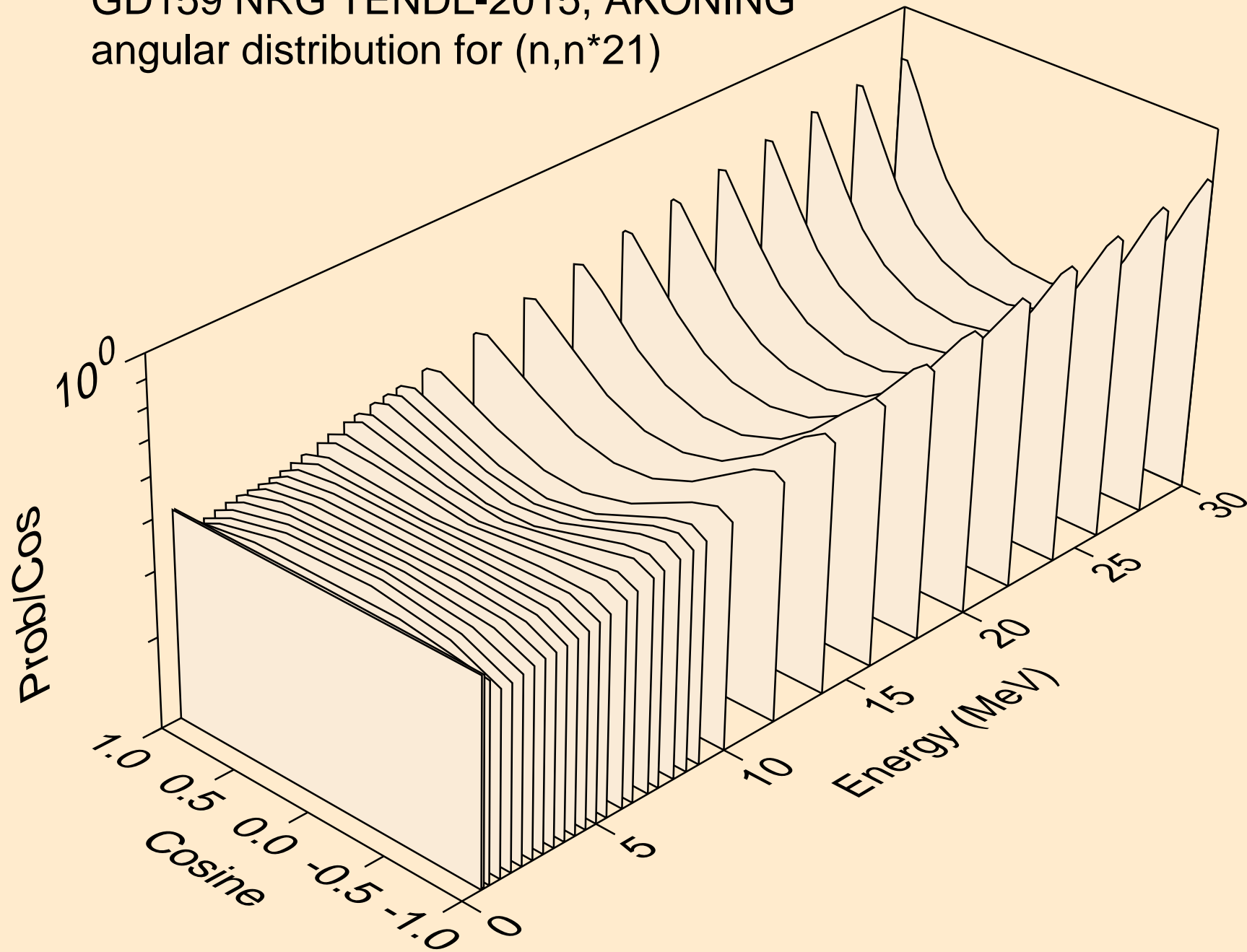
GD159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



GD159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)

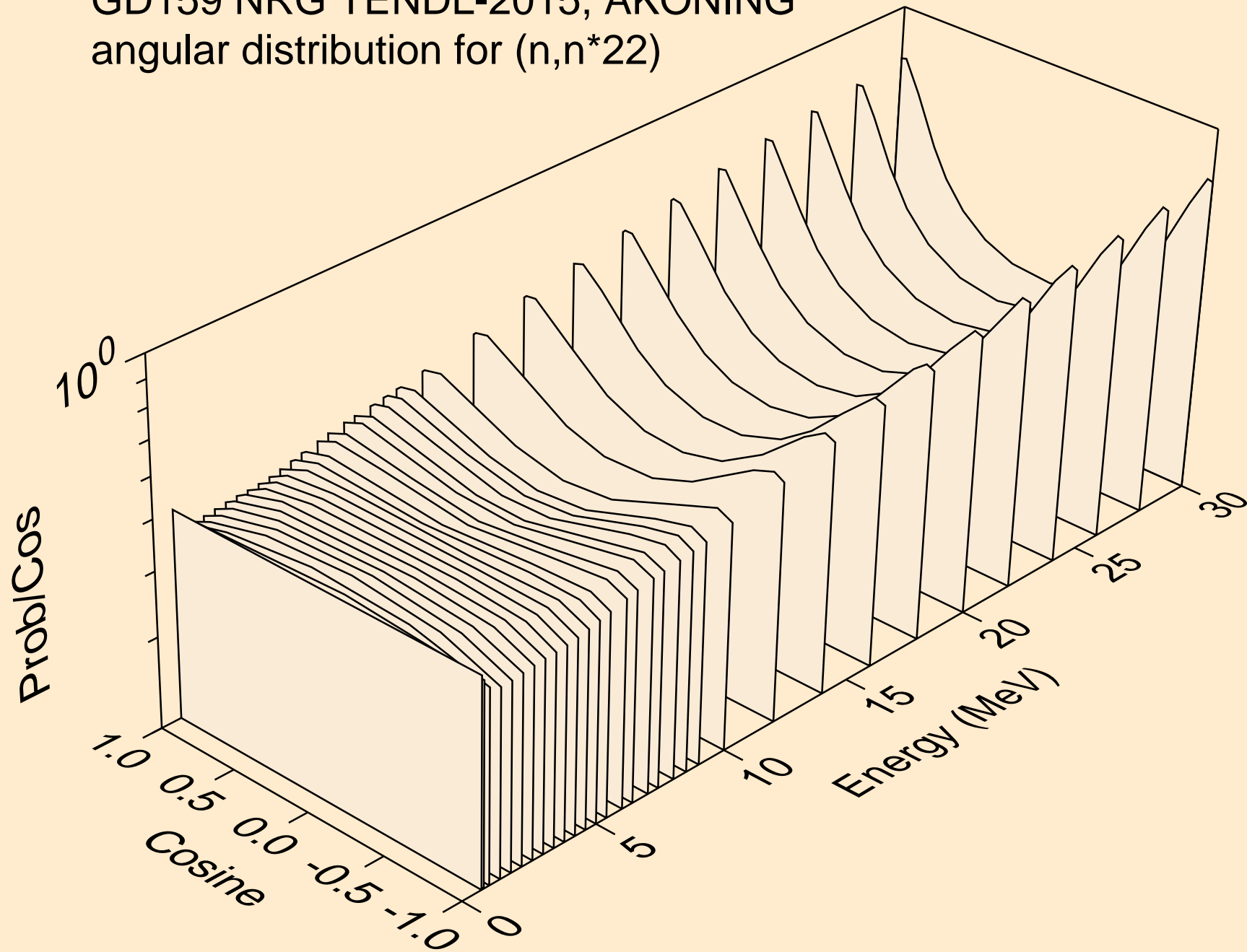


GD159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

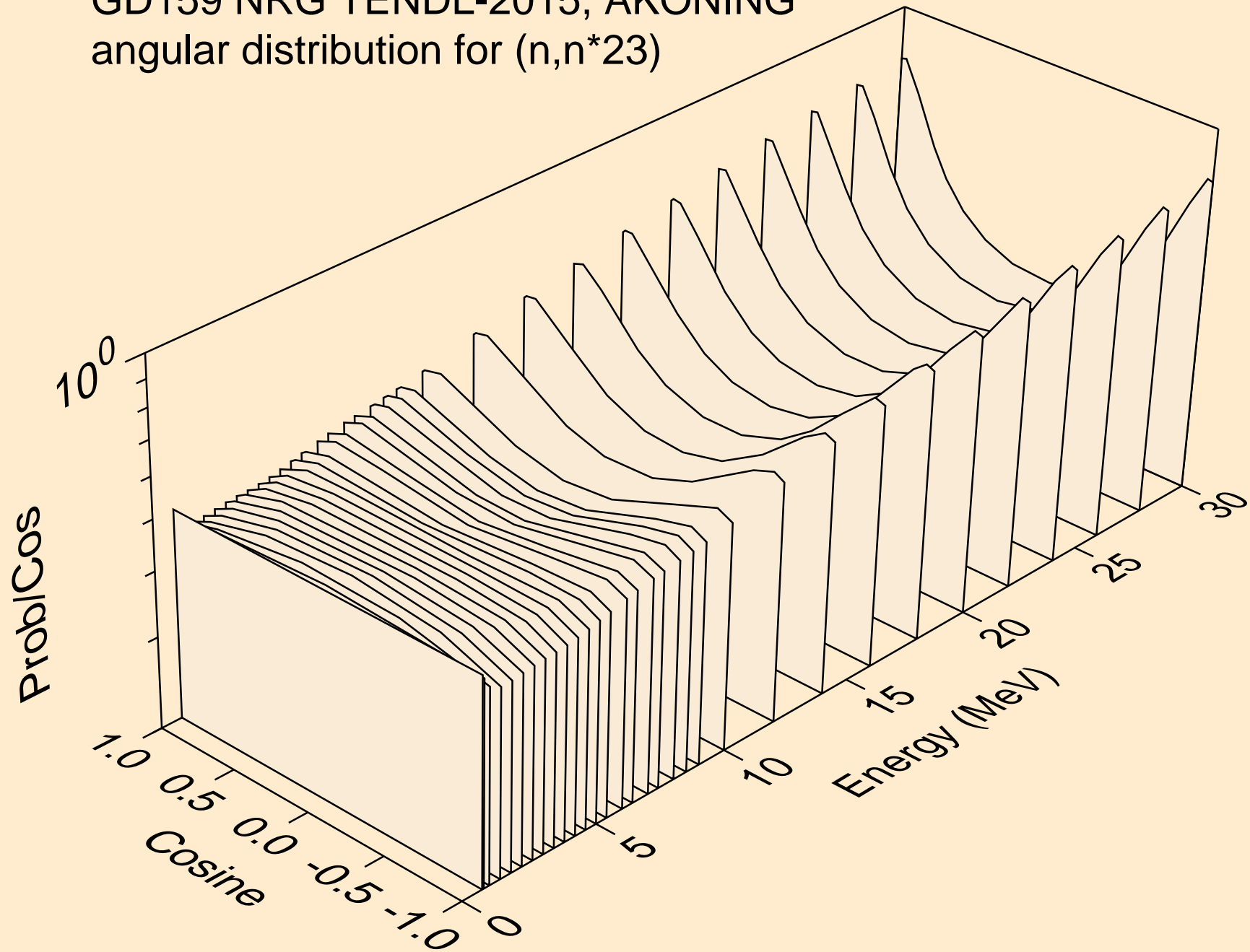




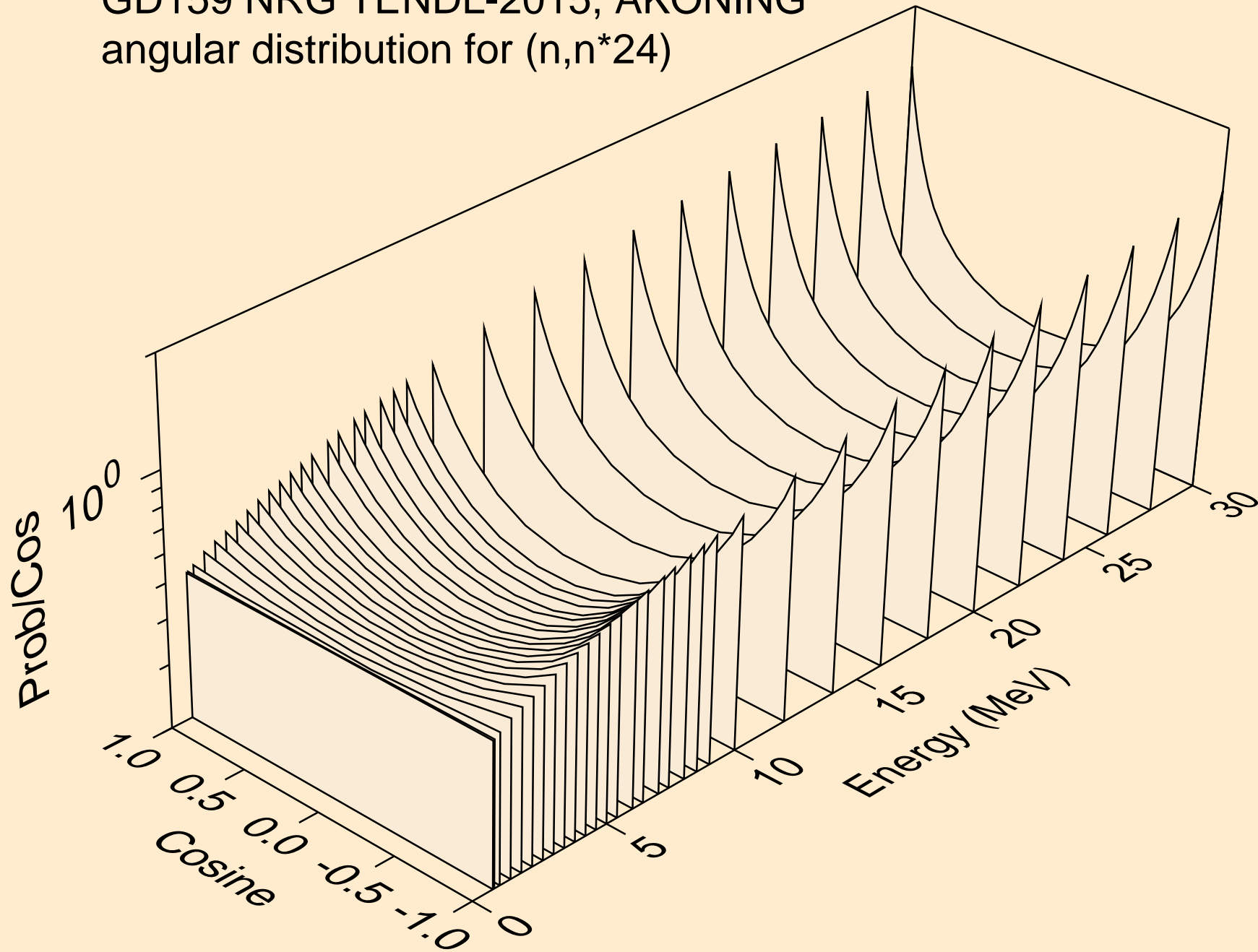
GD159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



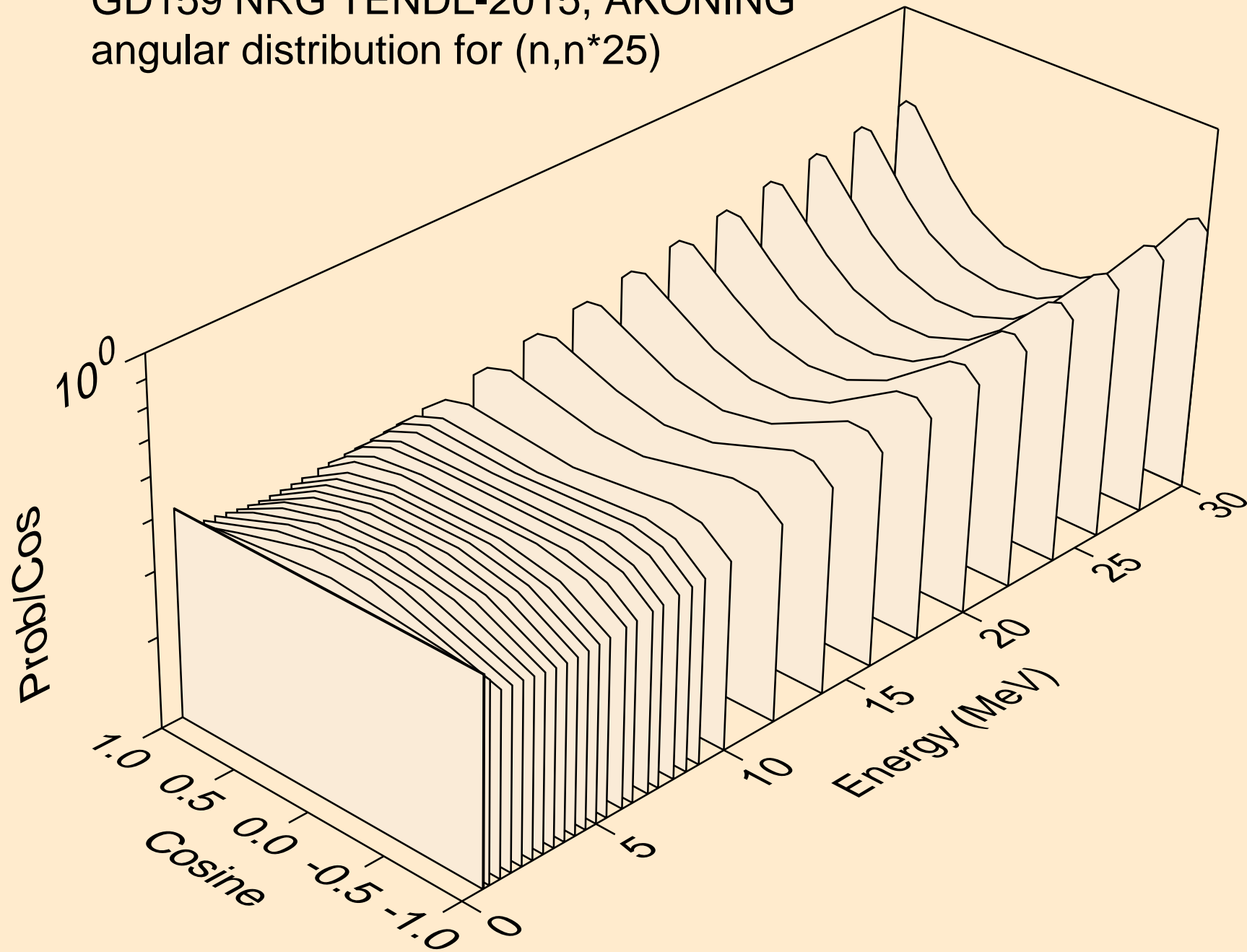
GD159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



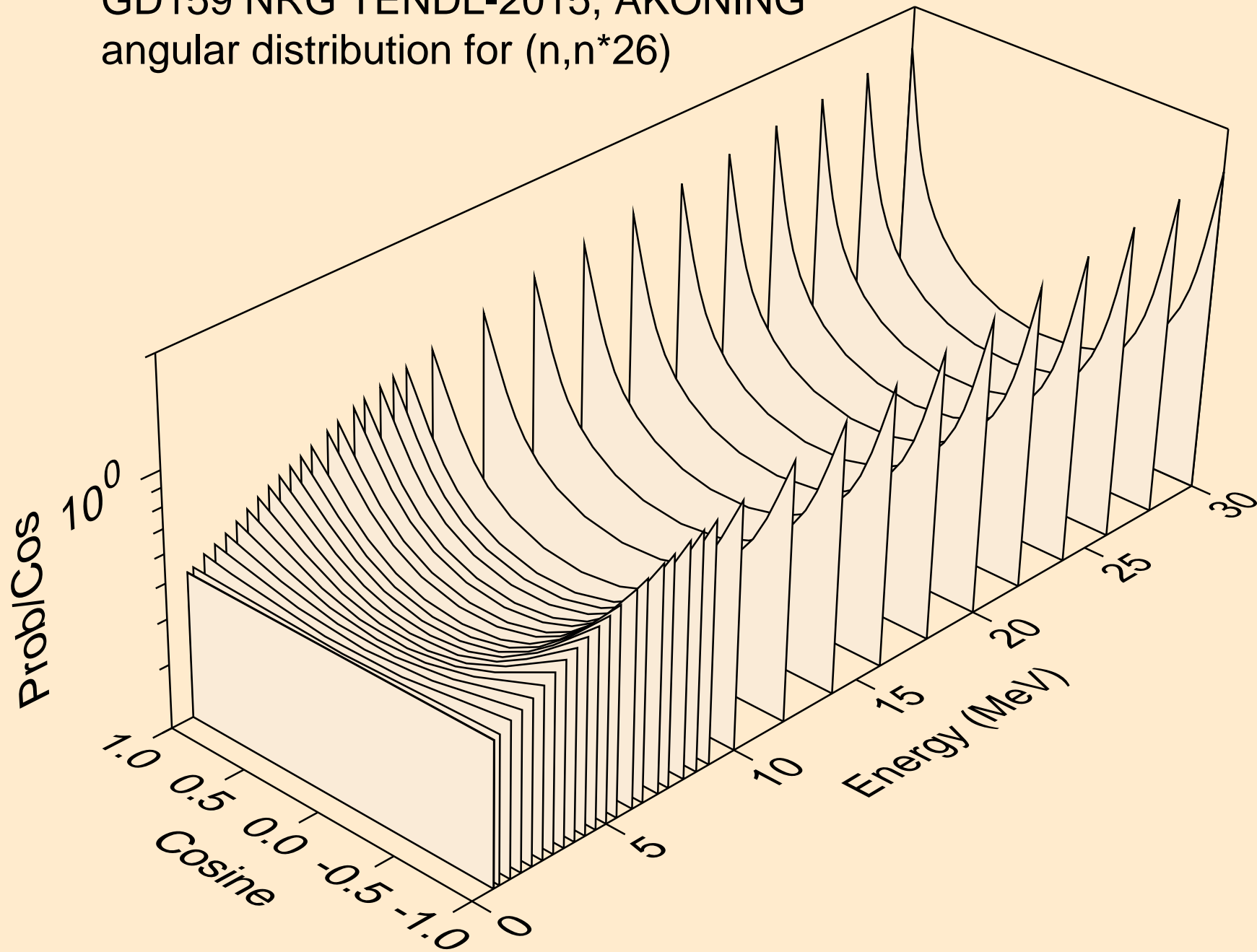
GD159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



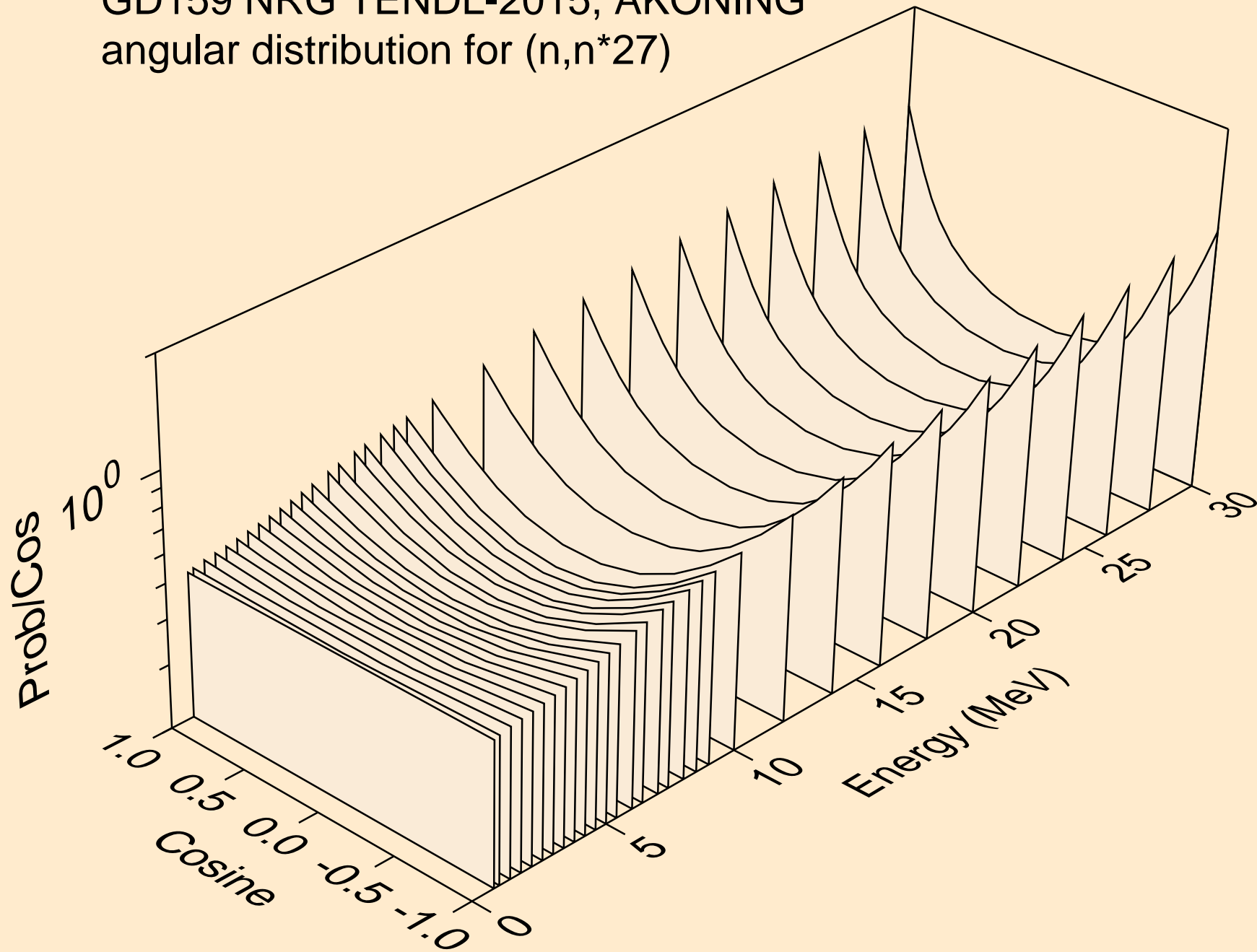
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angular distribution for (n,n\*25)



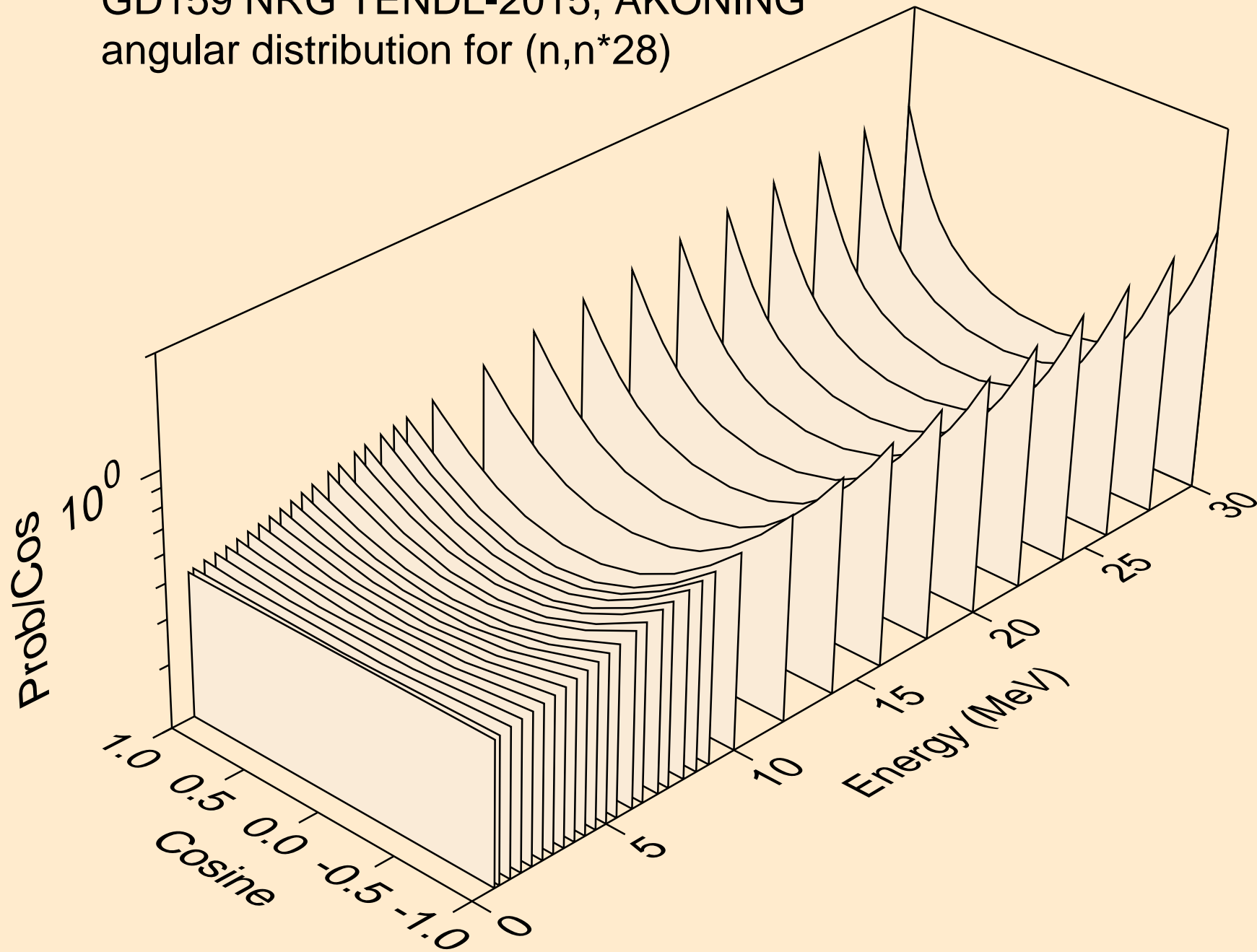
GD159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



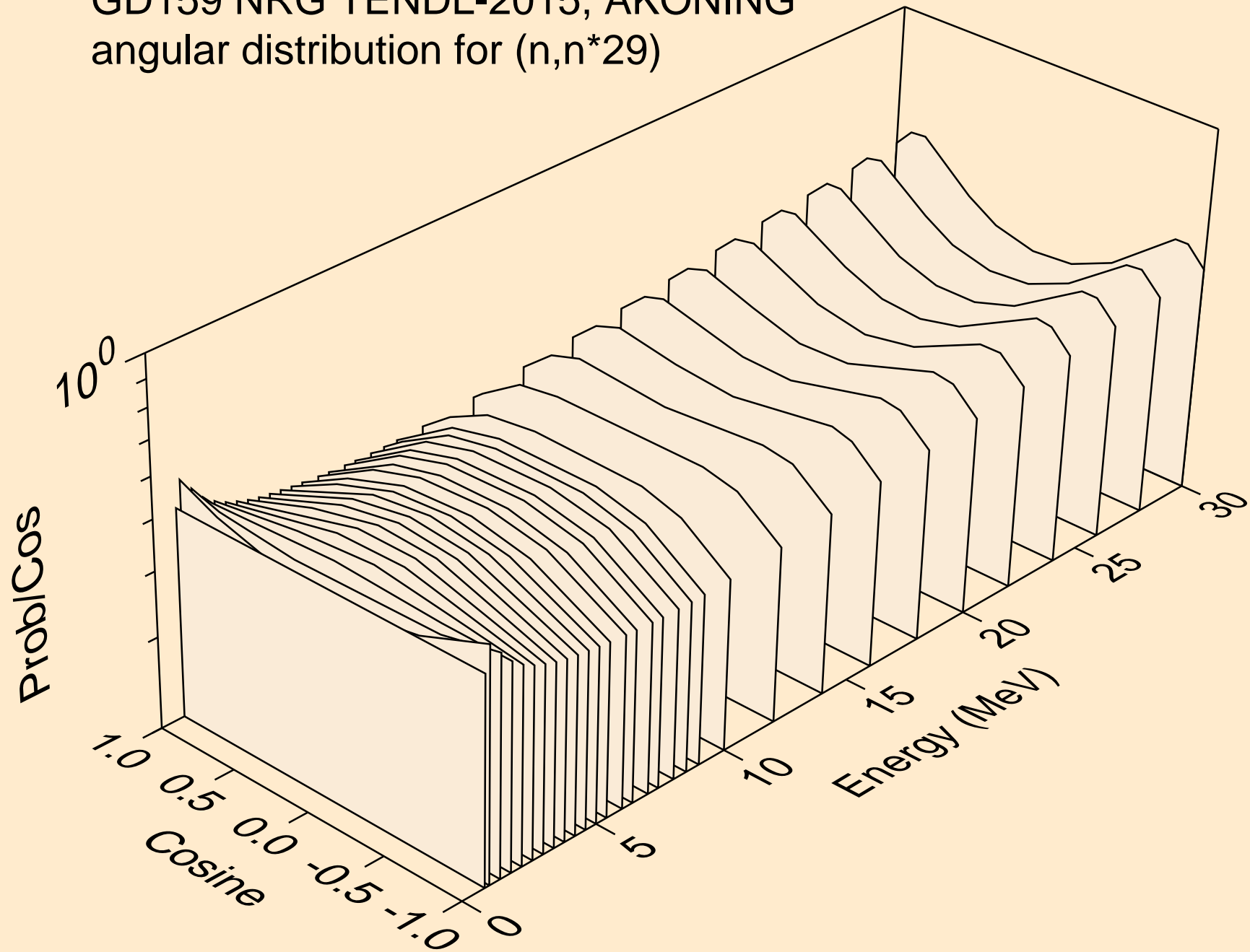
GD159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



GD159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)

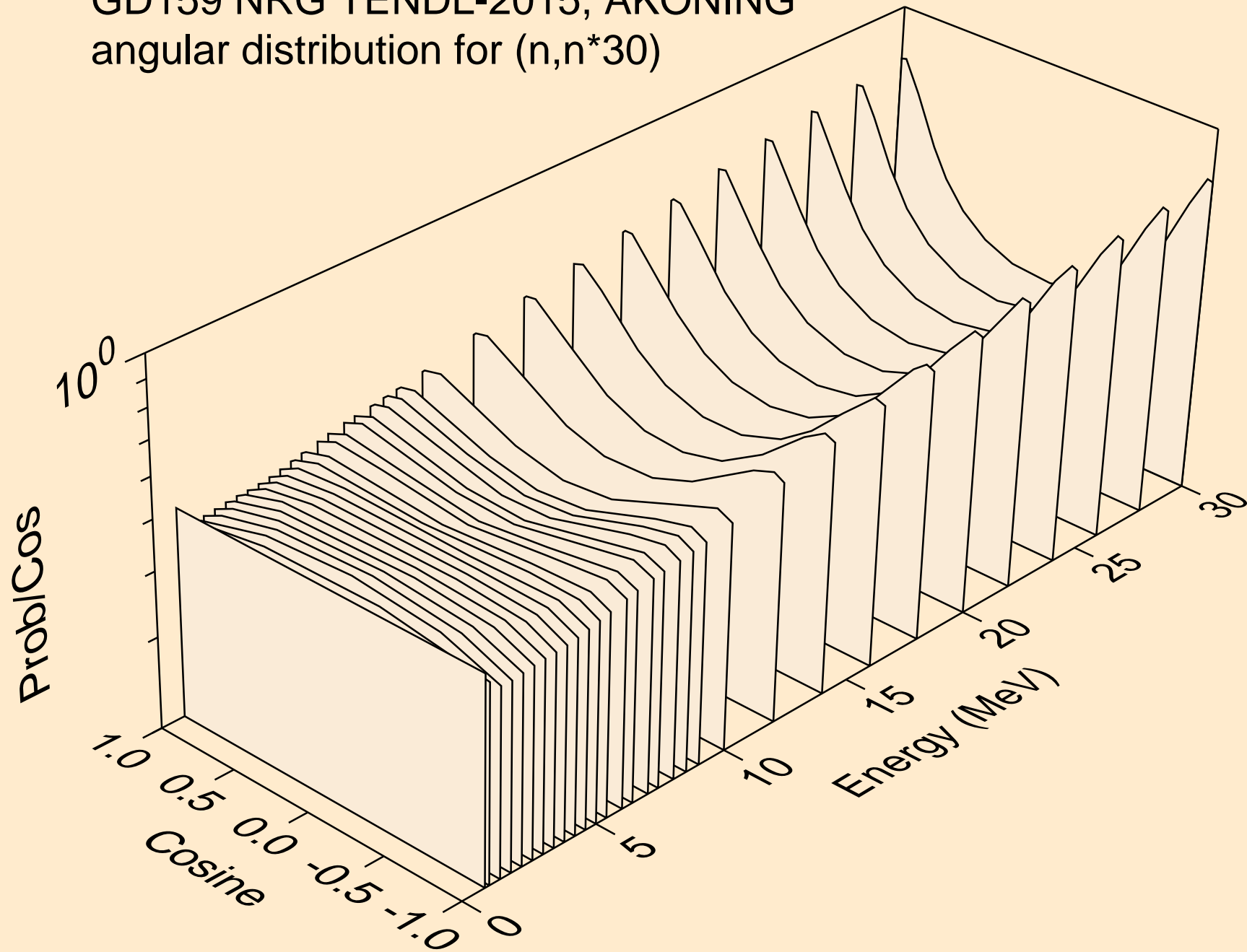


GD159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)

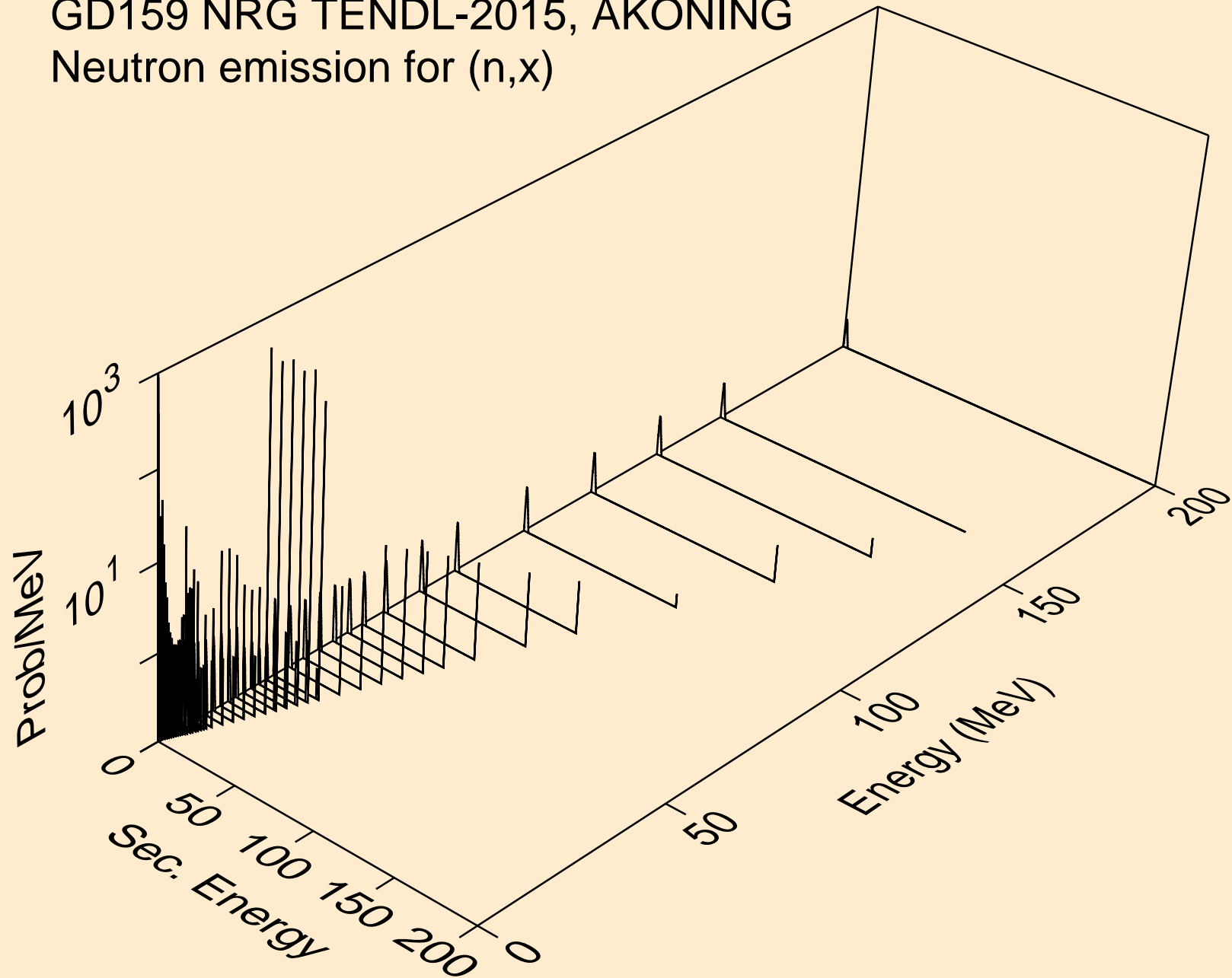




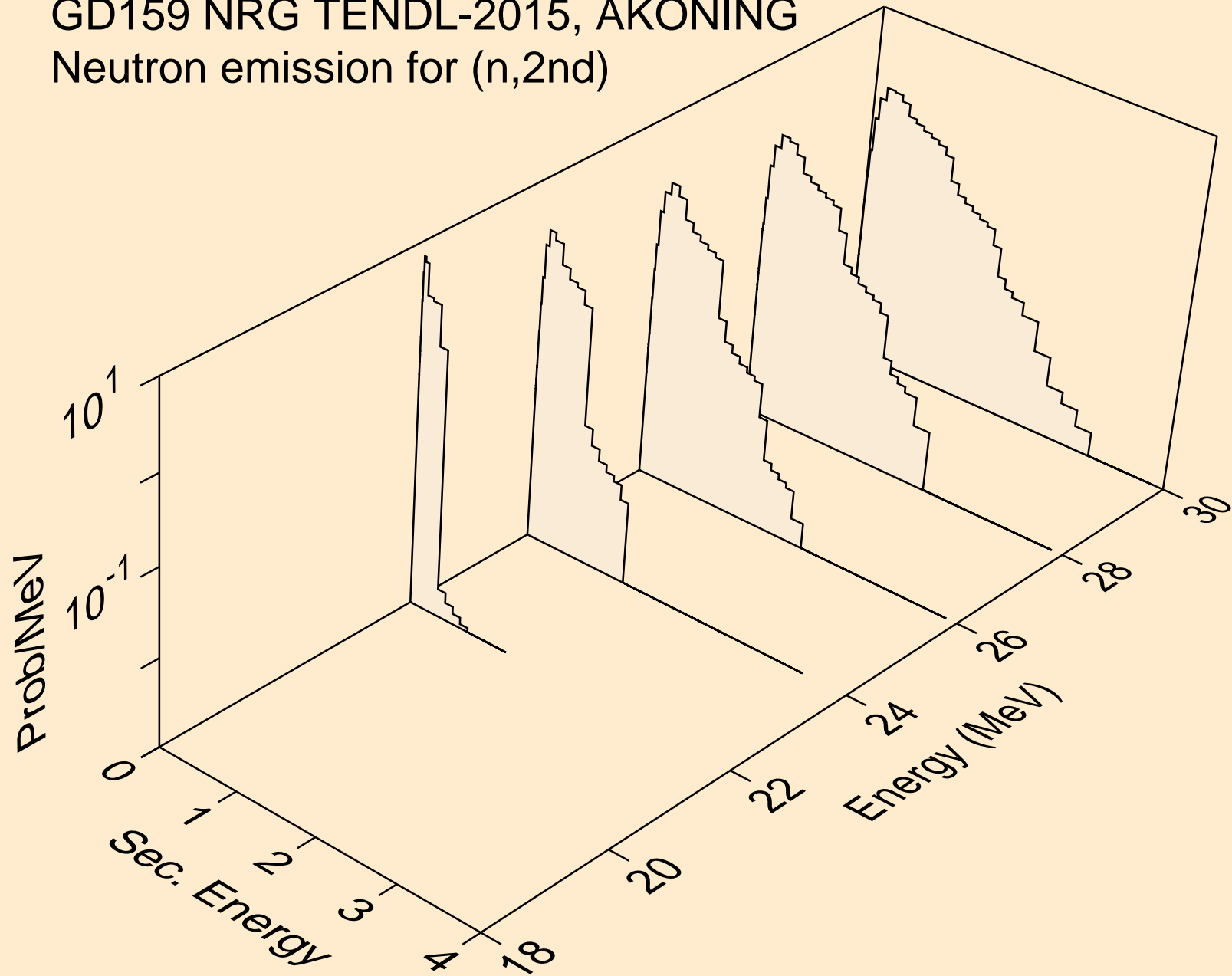
GD159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)



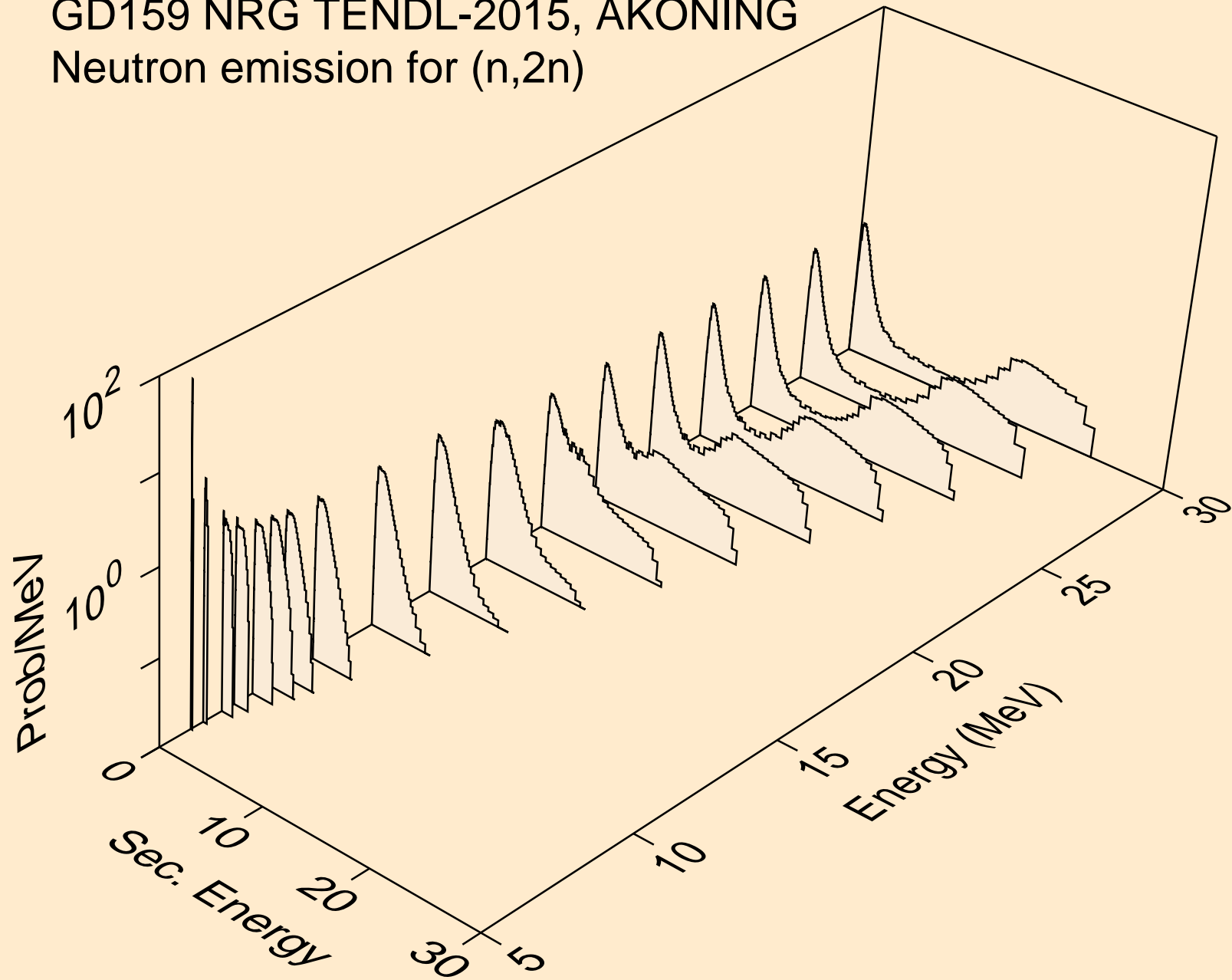
GD159 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



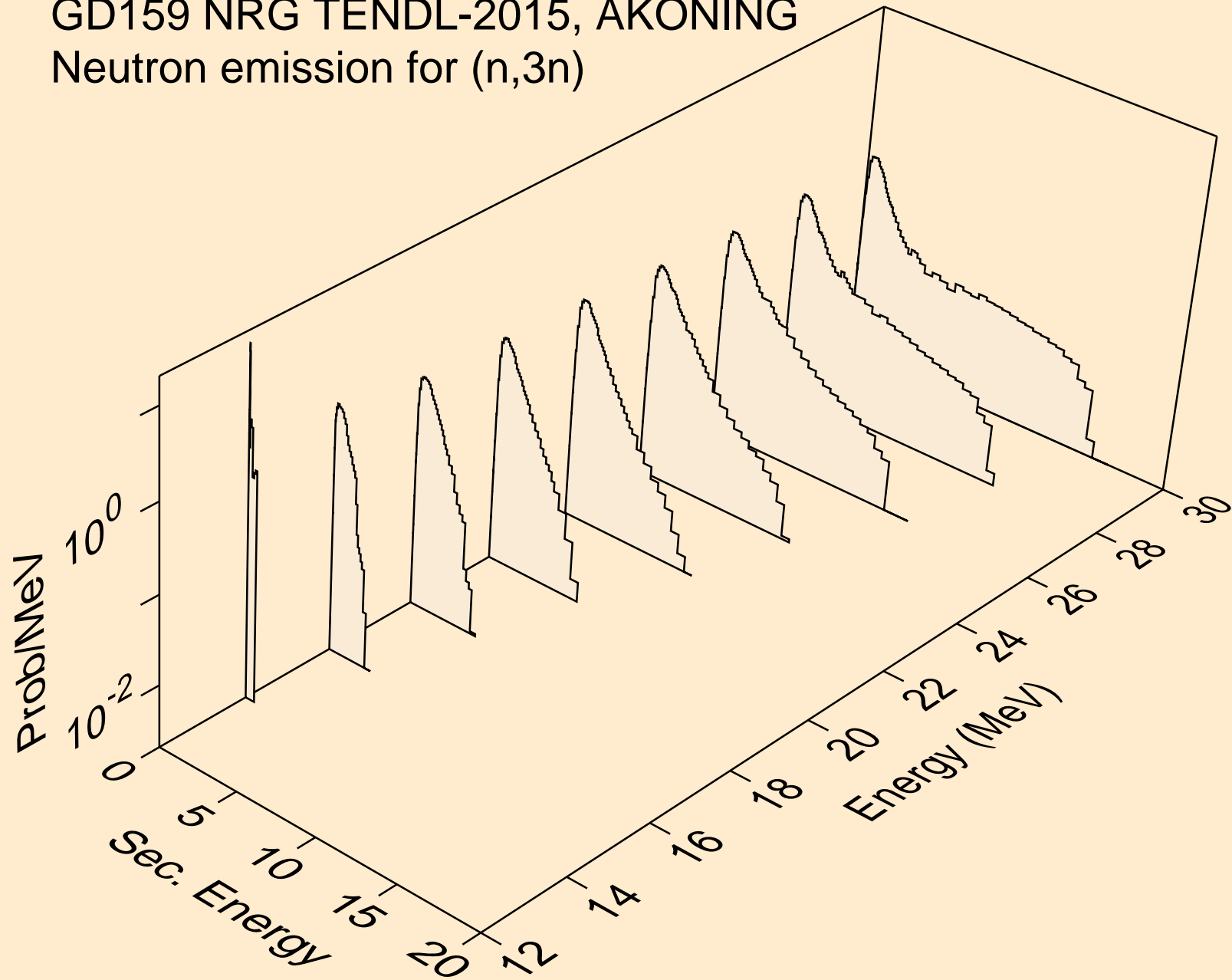
GD159 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



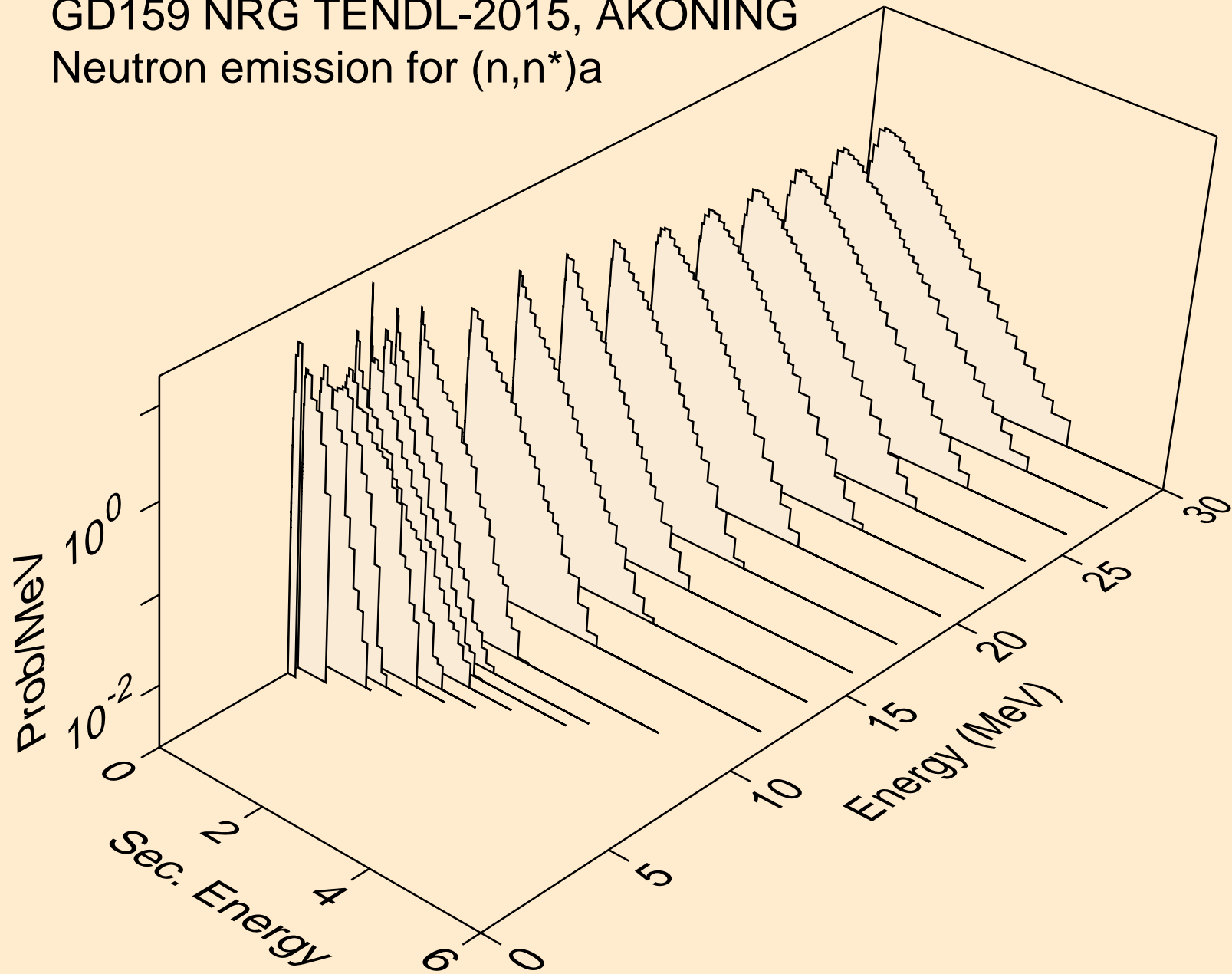
GD159 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



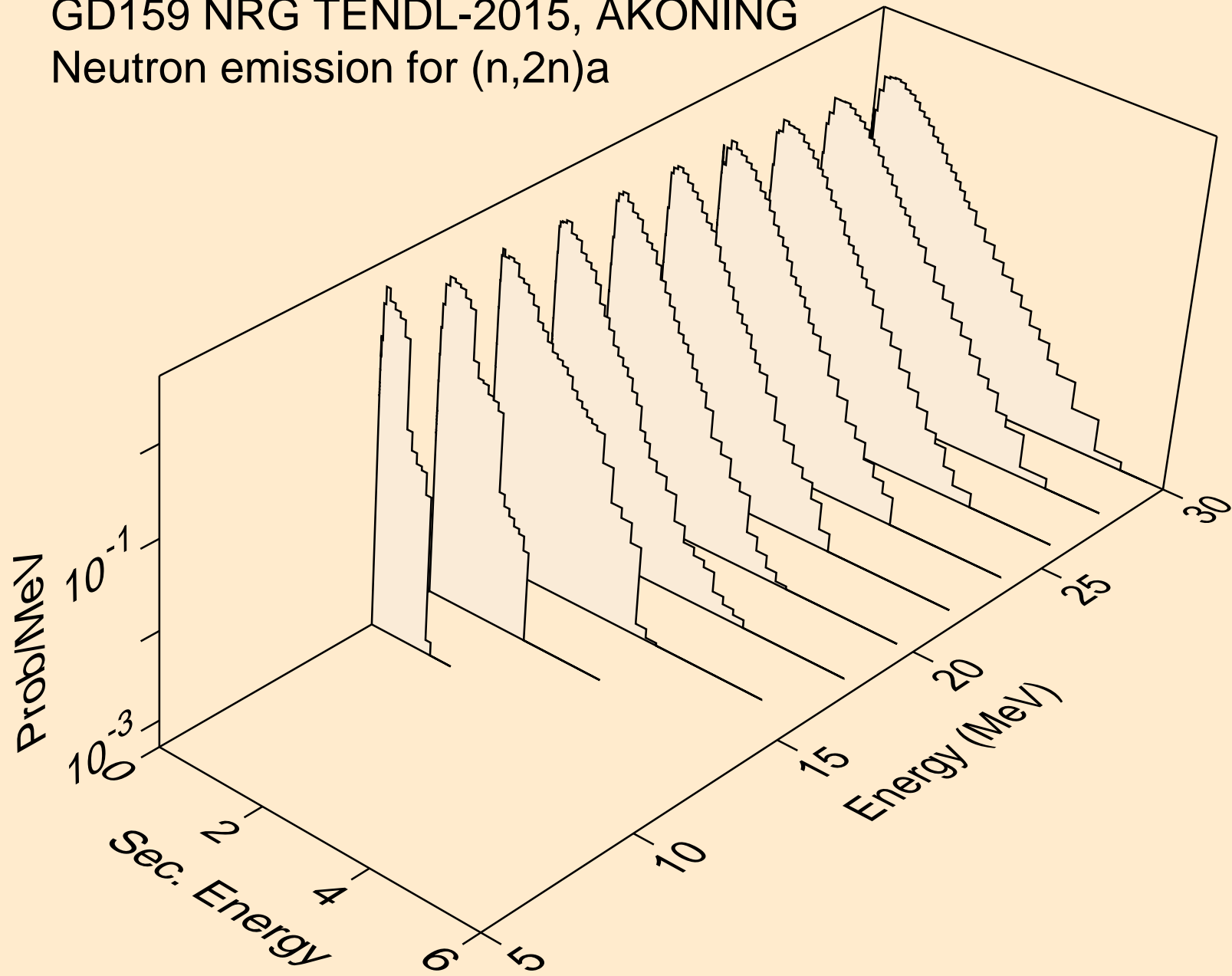
GD159 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



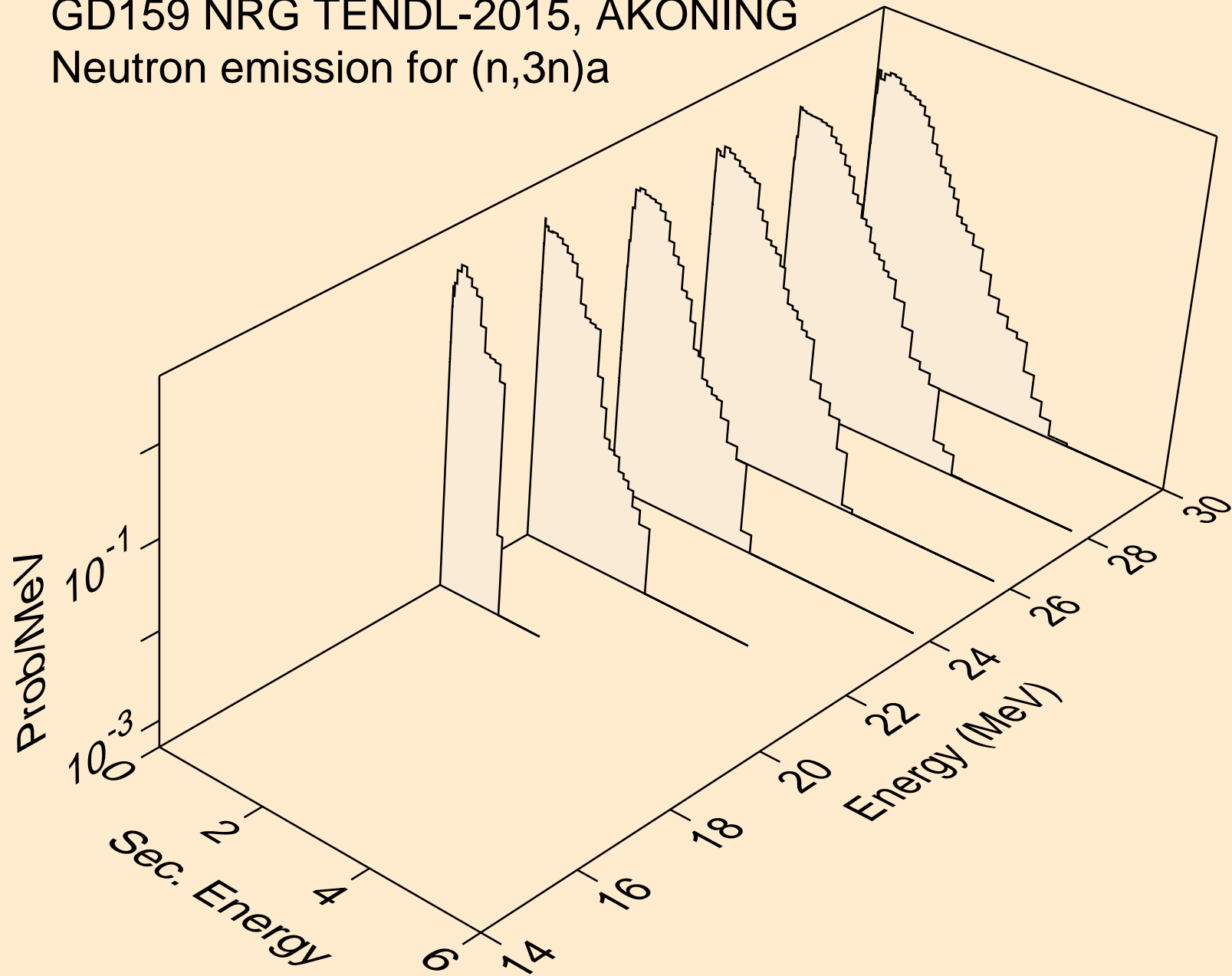
GD159 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



GD159 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a

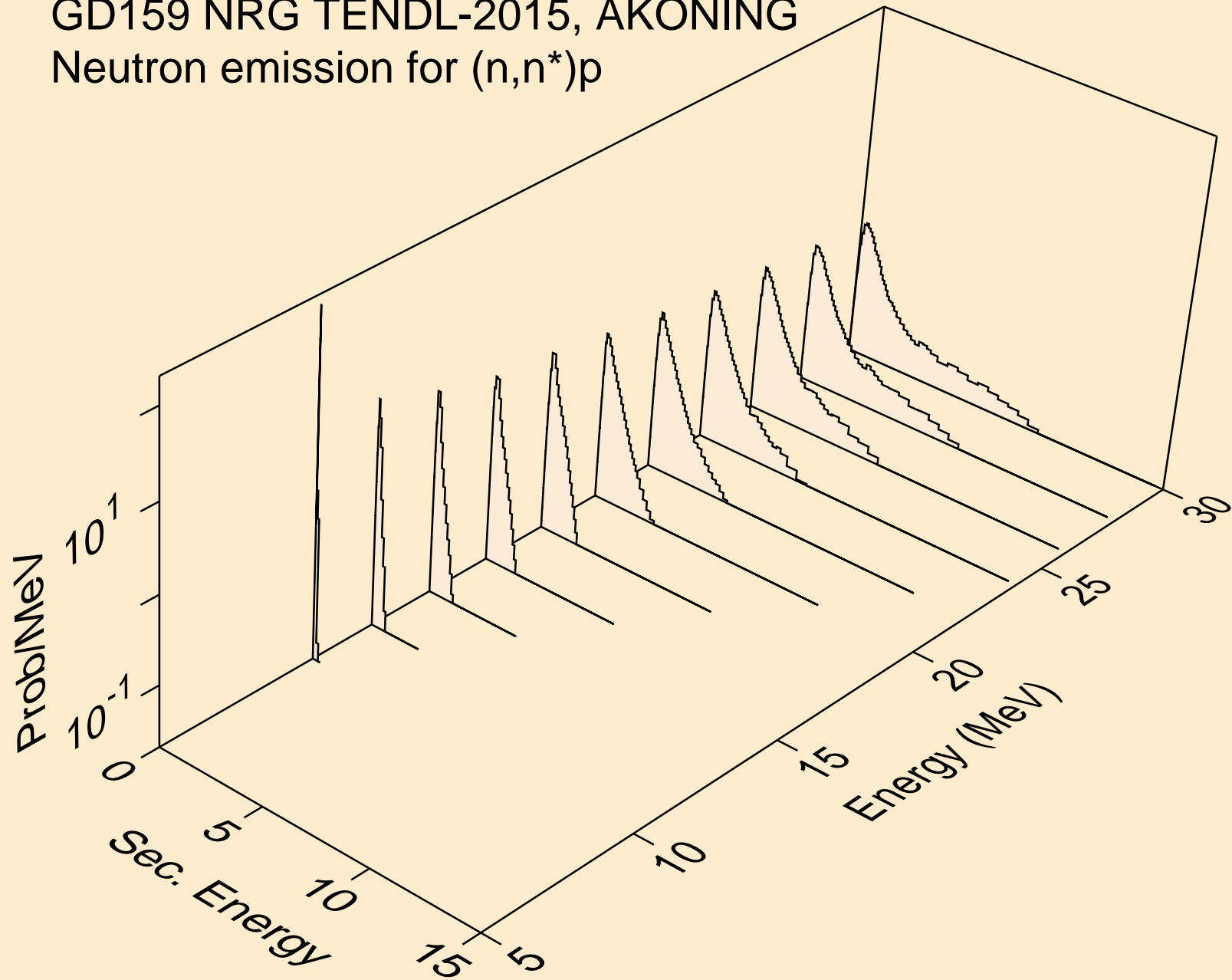


GD159 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

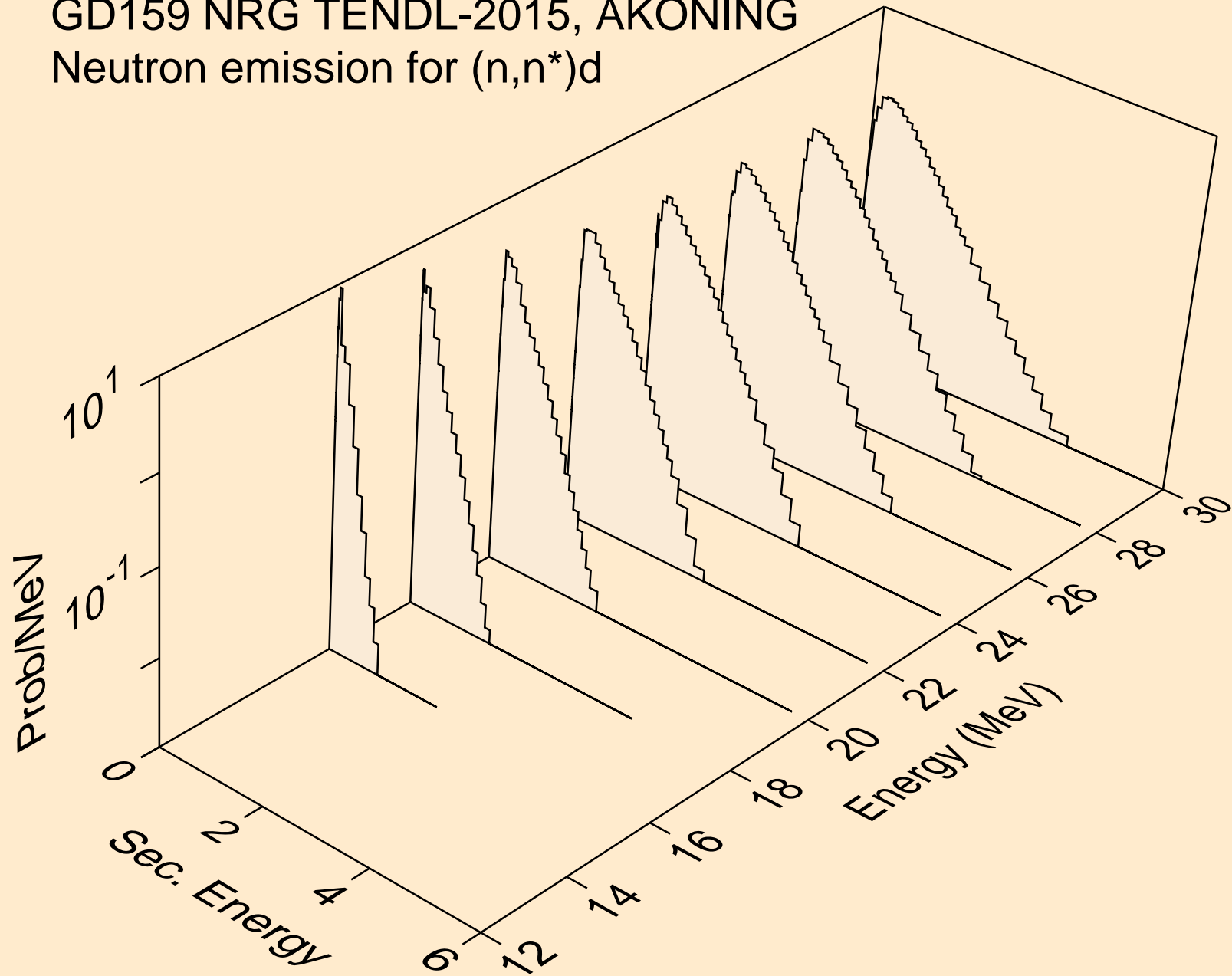




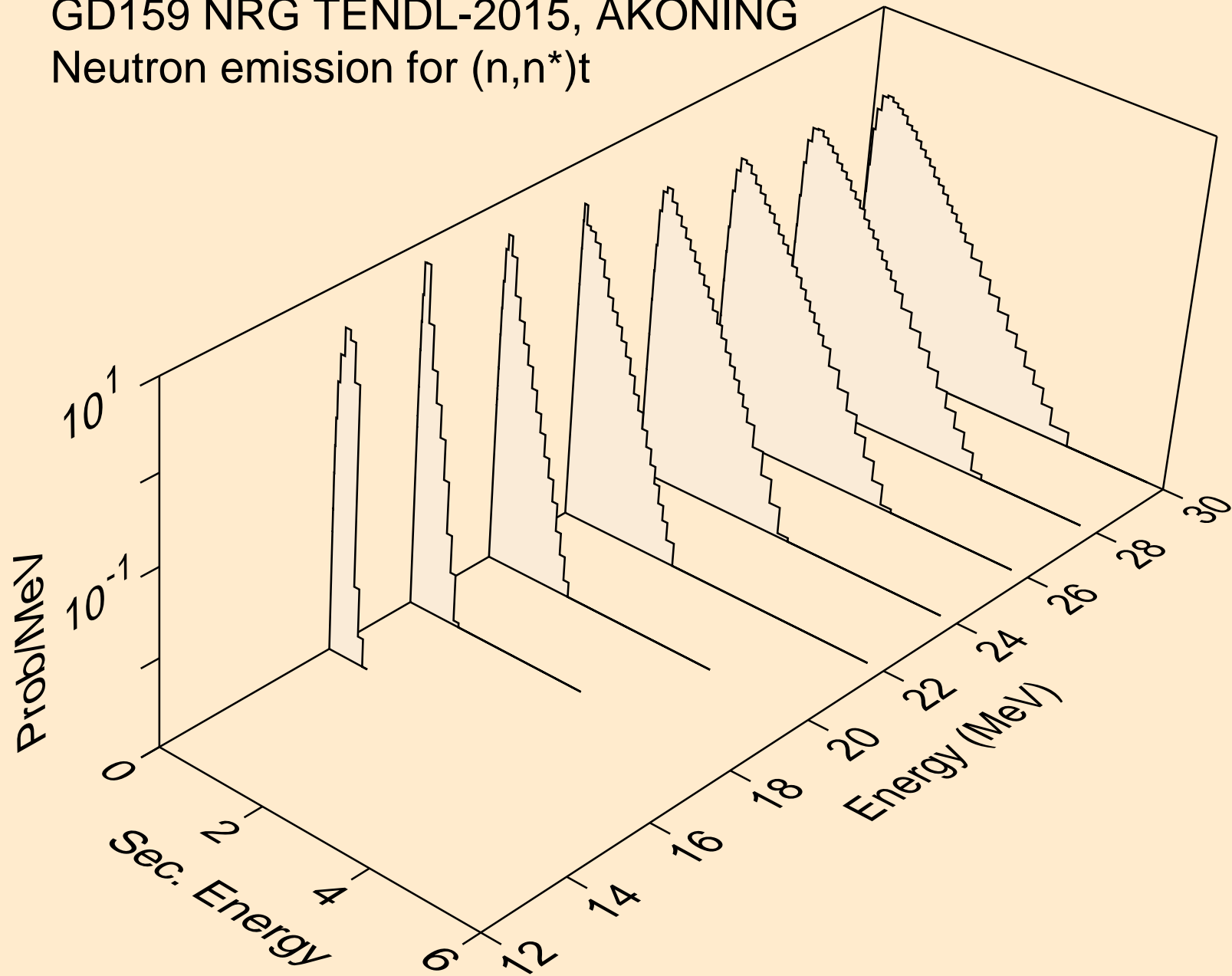
GD159 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



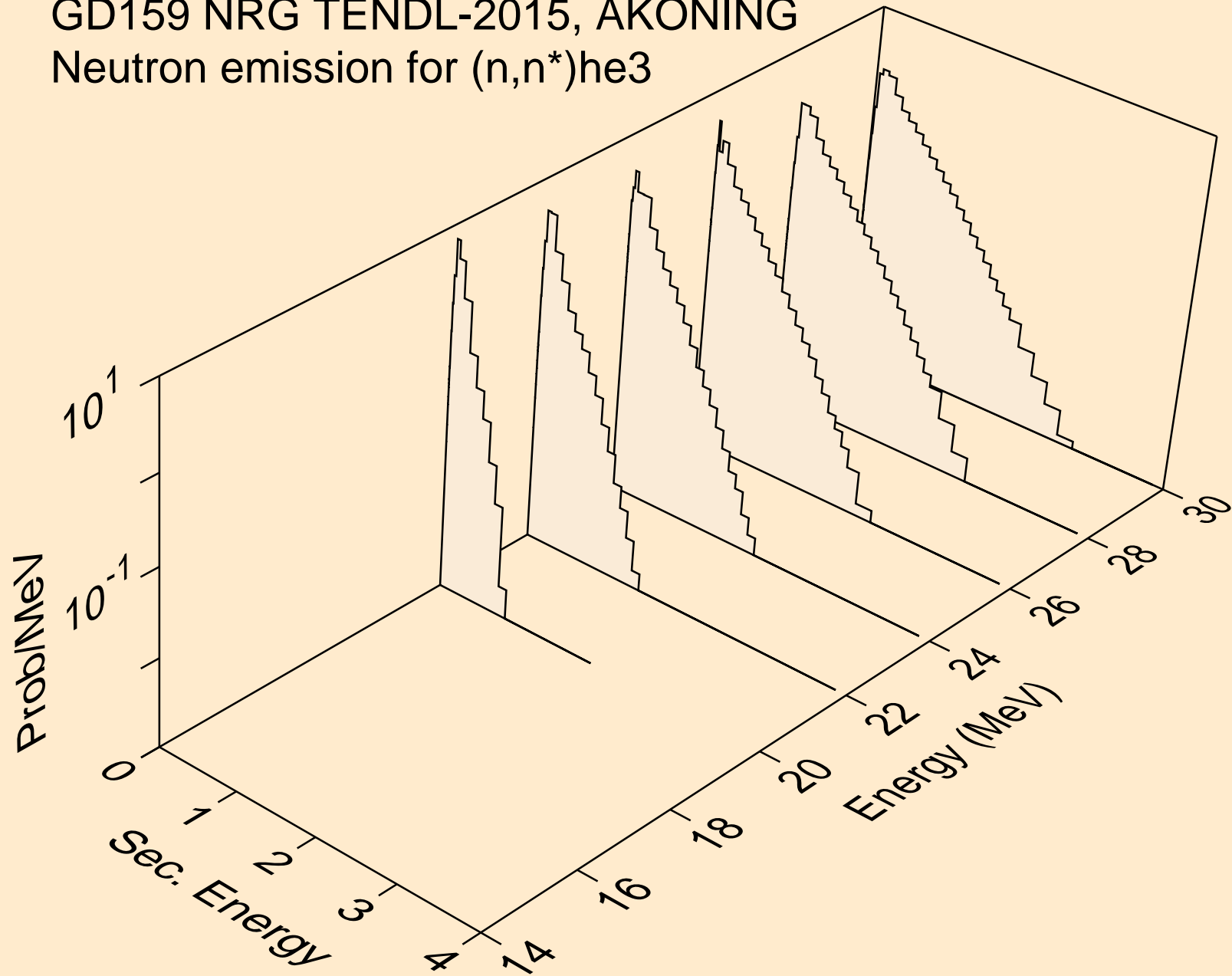
GD159 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



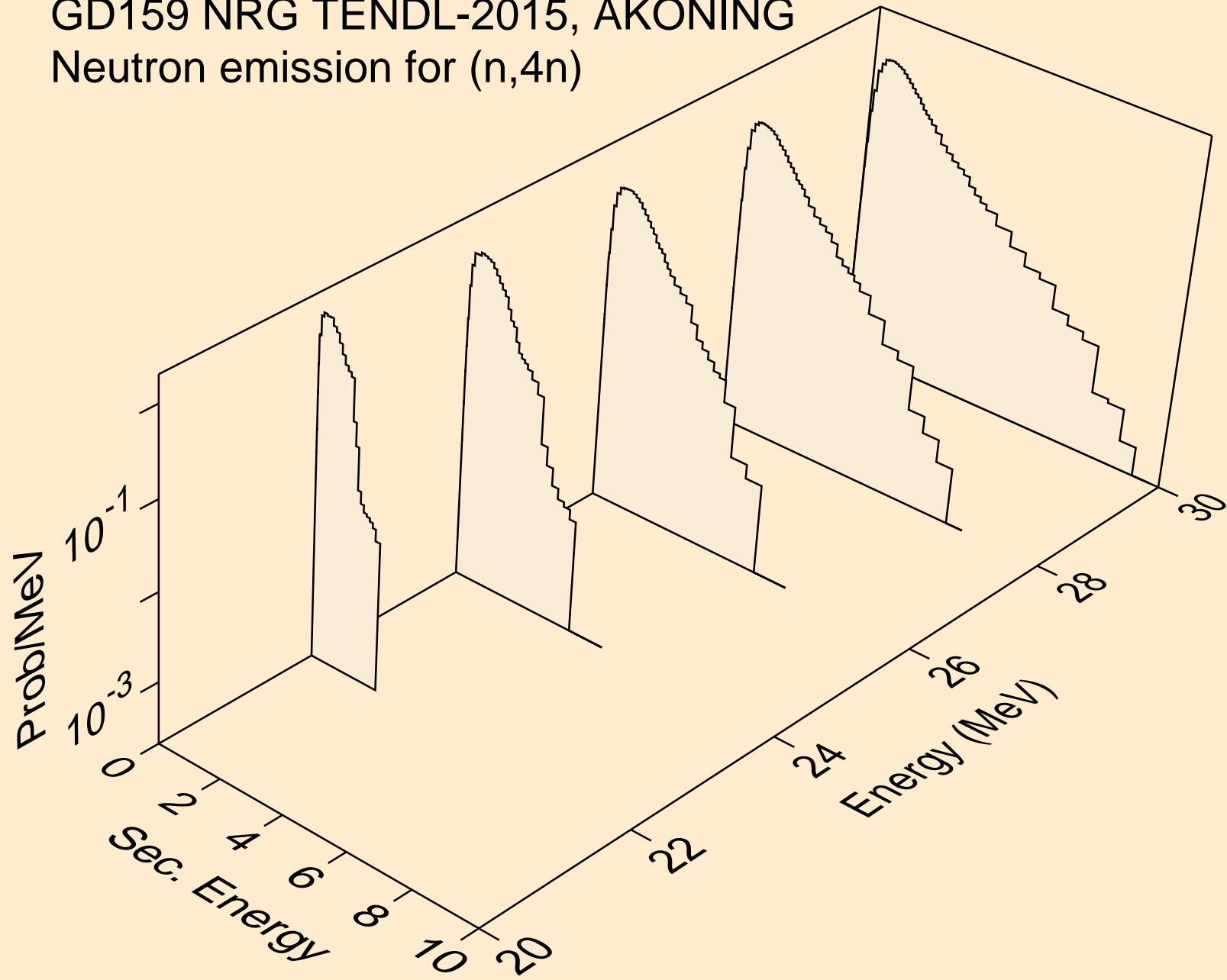
GD159 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



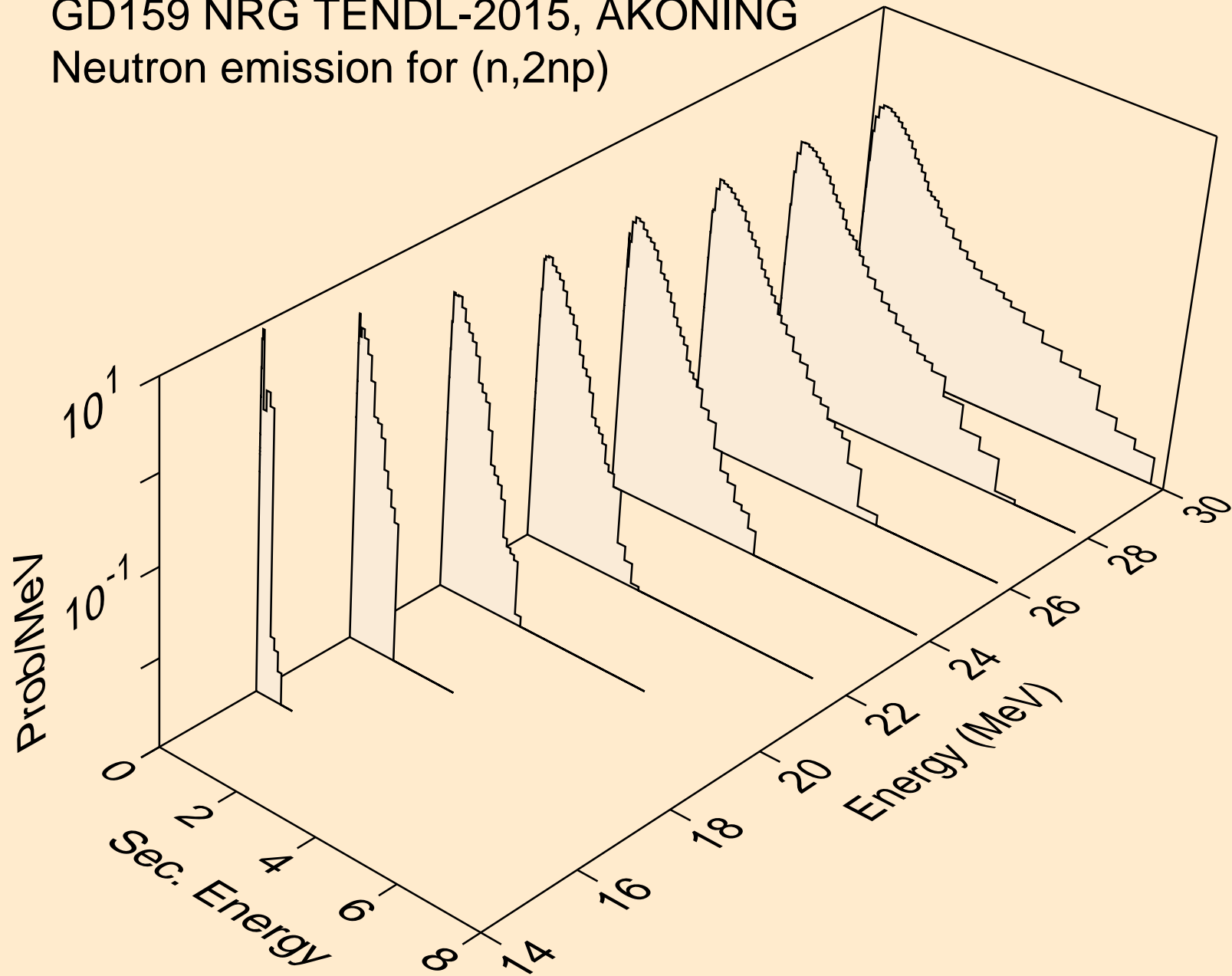
GD159 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



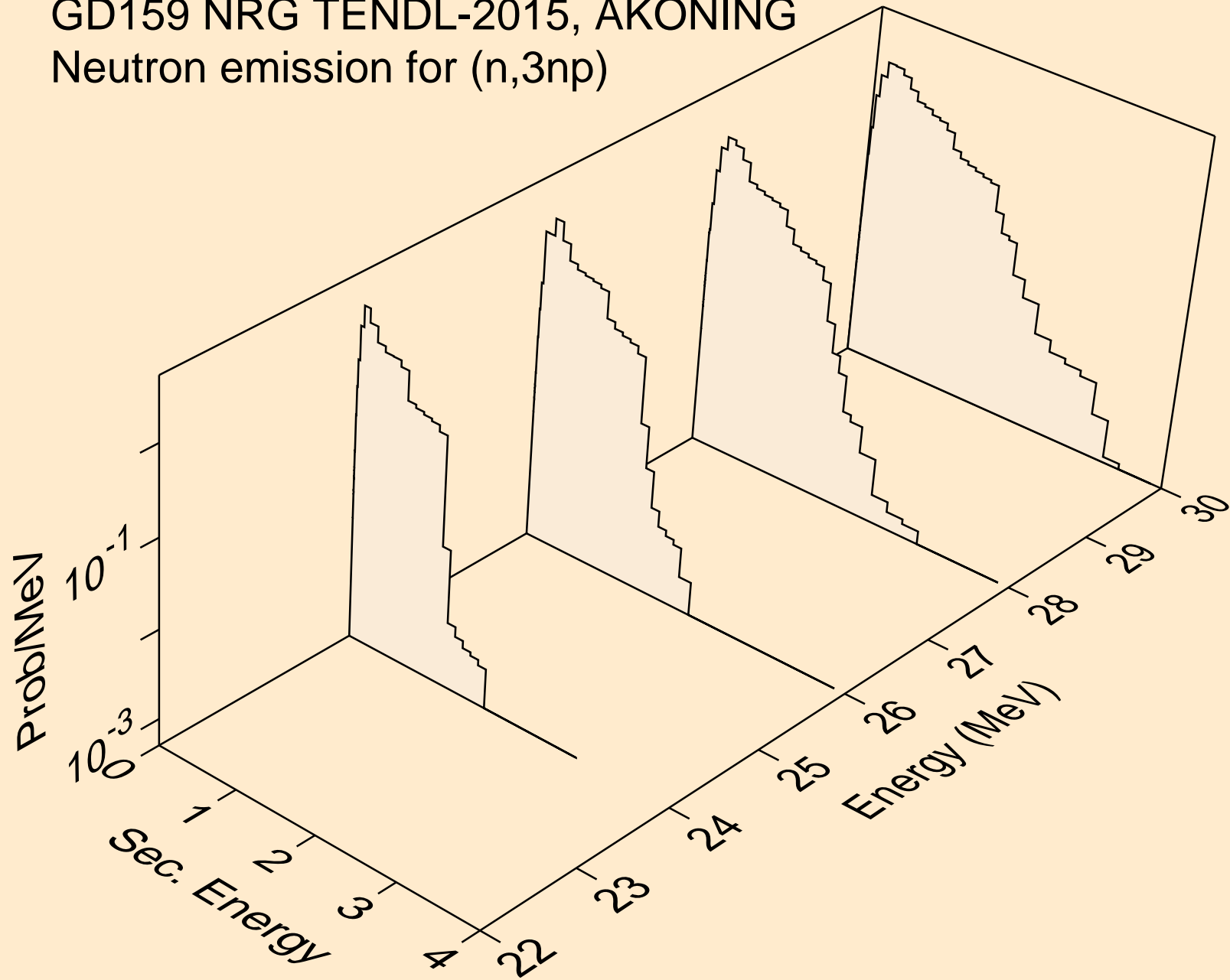
GD159 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



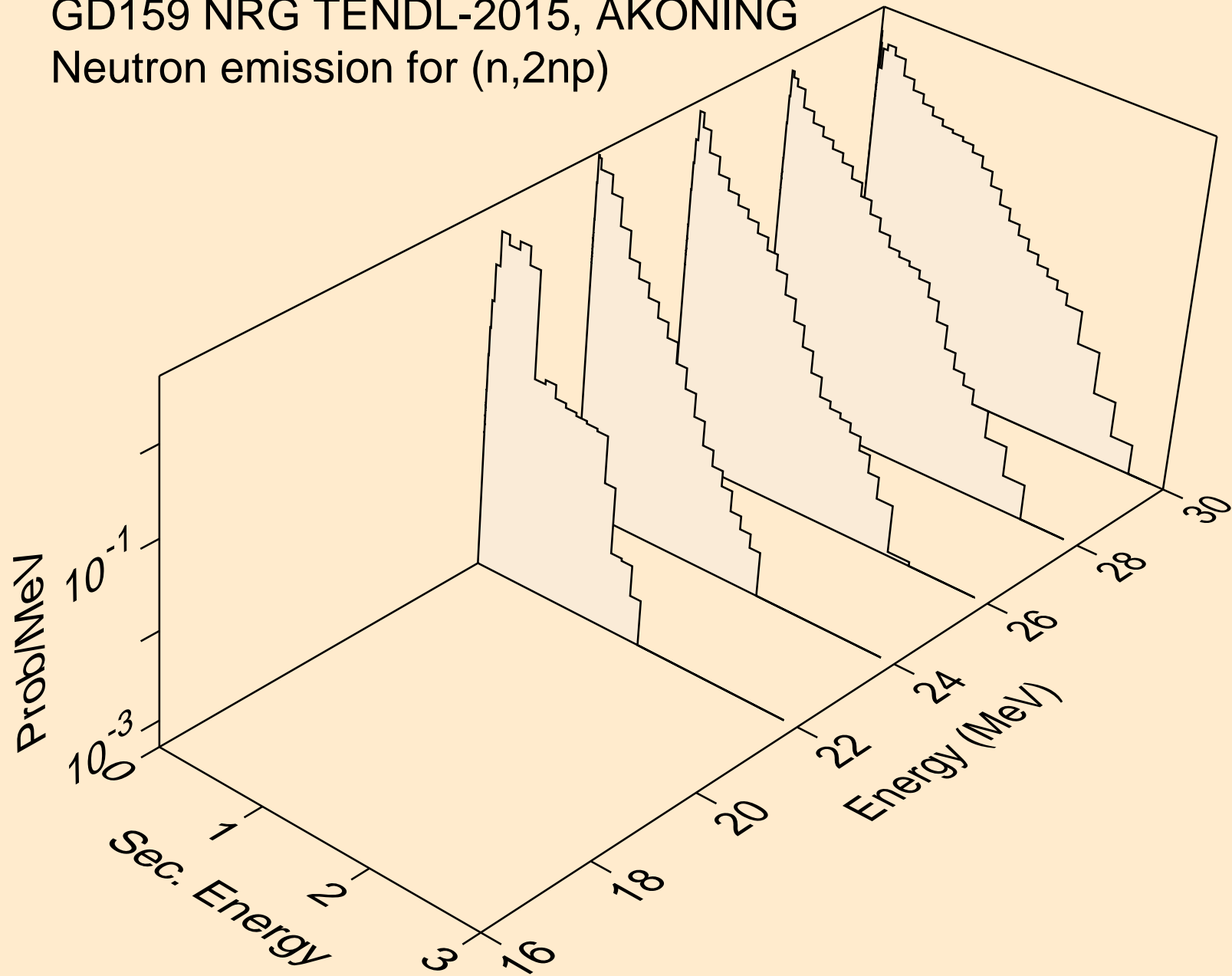
GD159 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



GD159 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

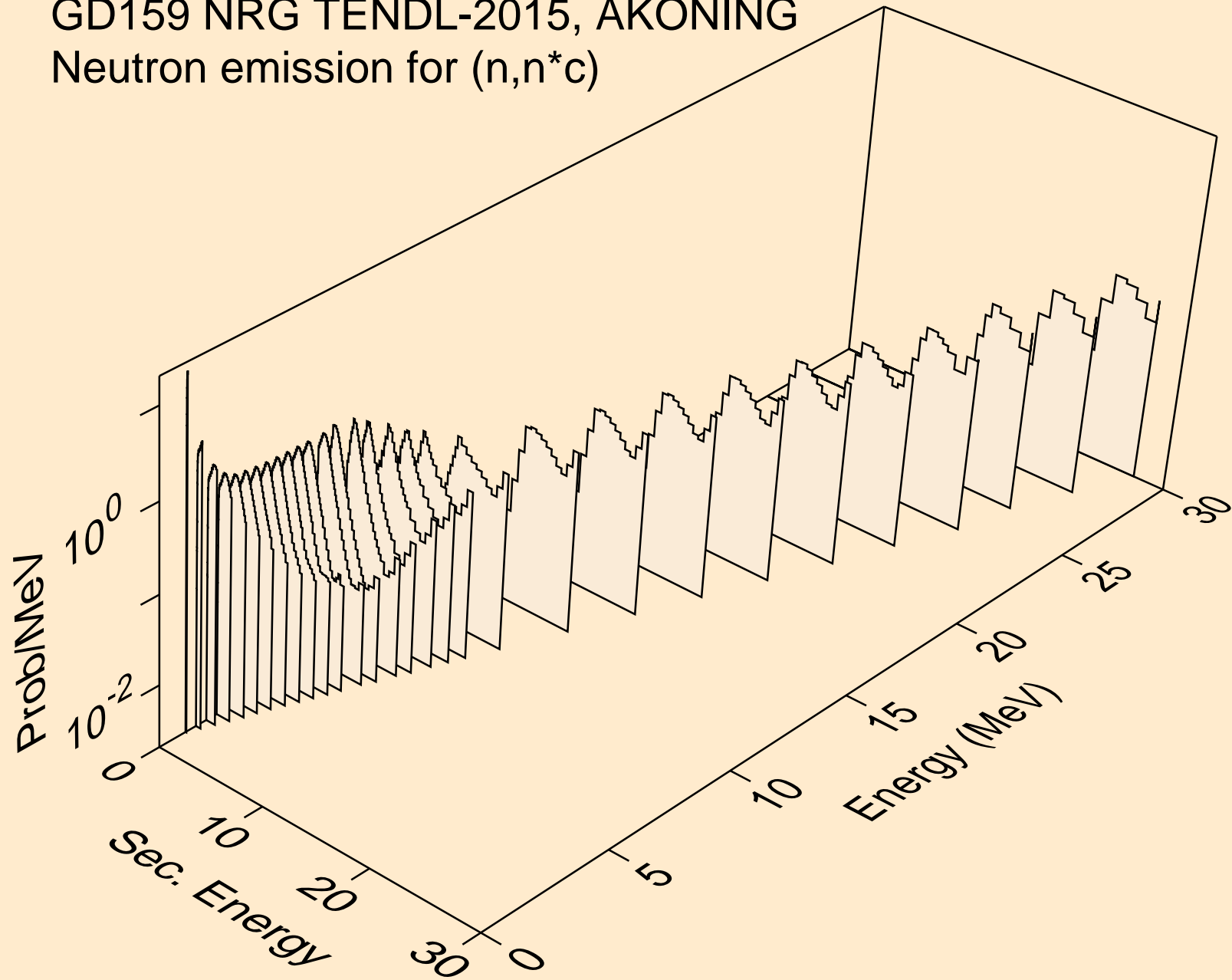


GD159 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

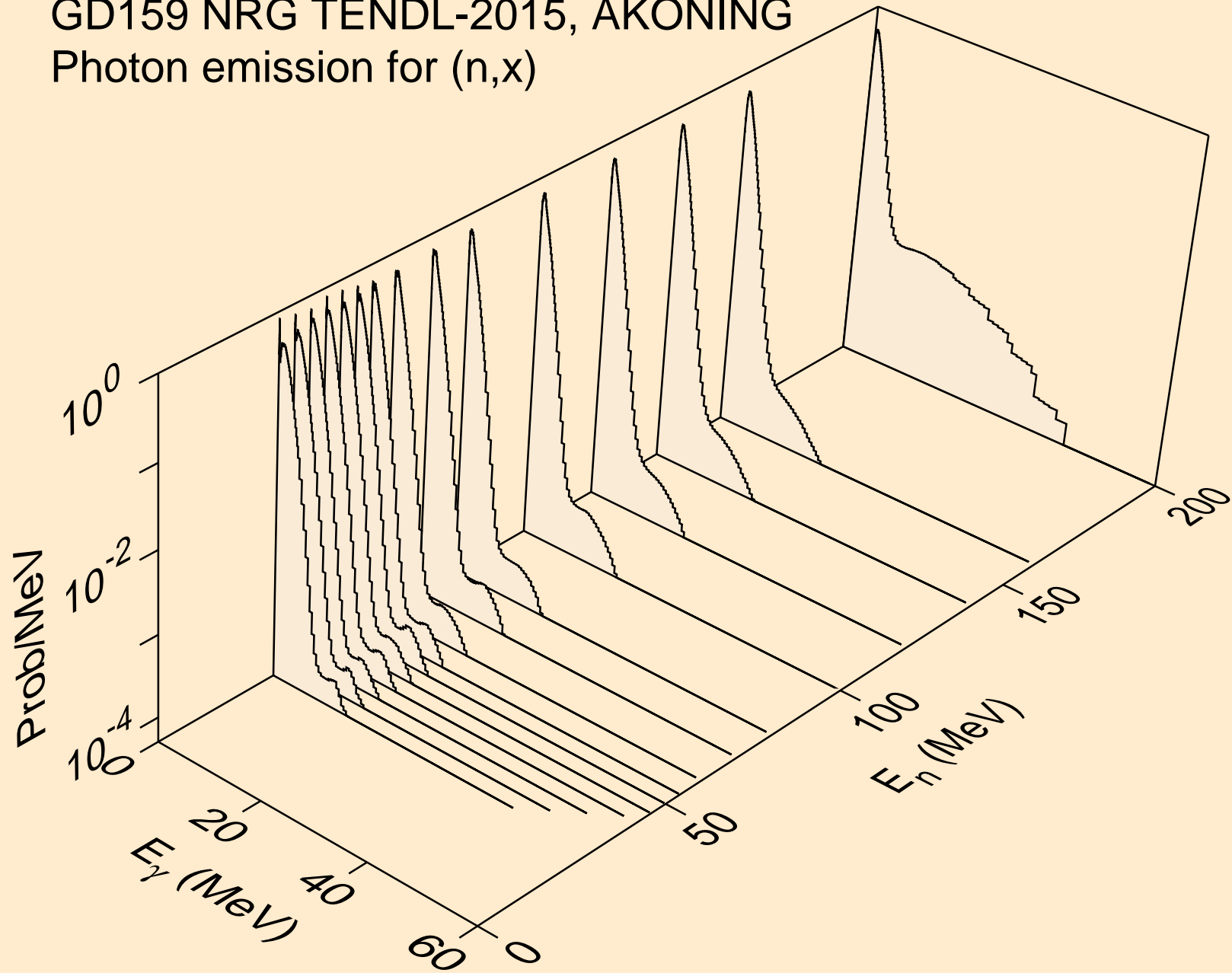




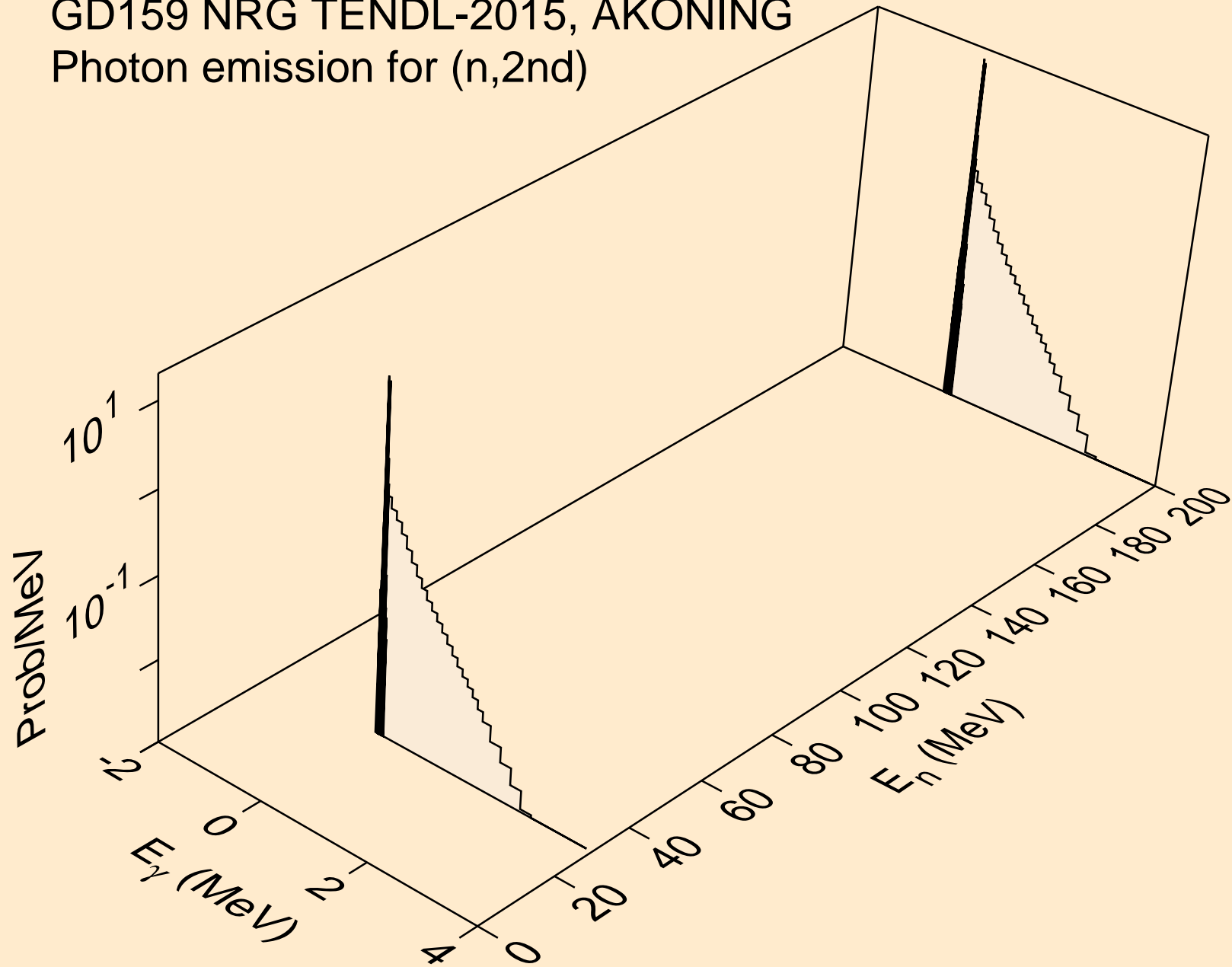
GD159 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



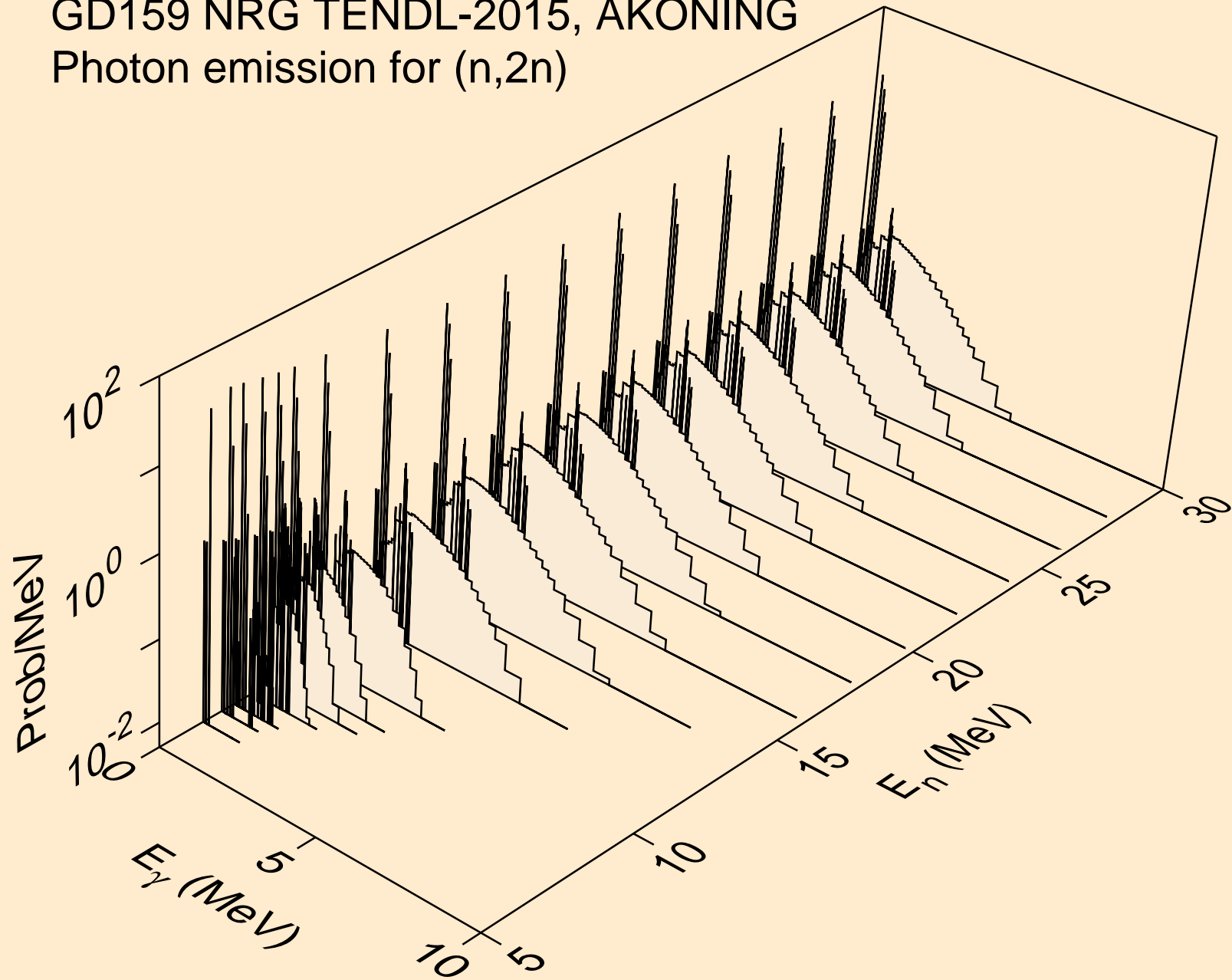
GD159 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



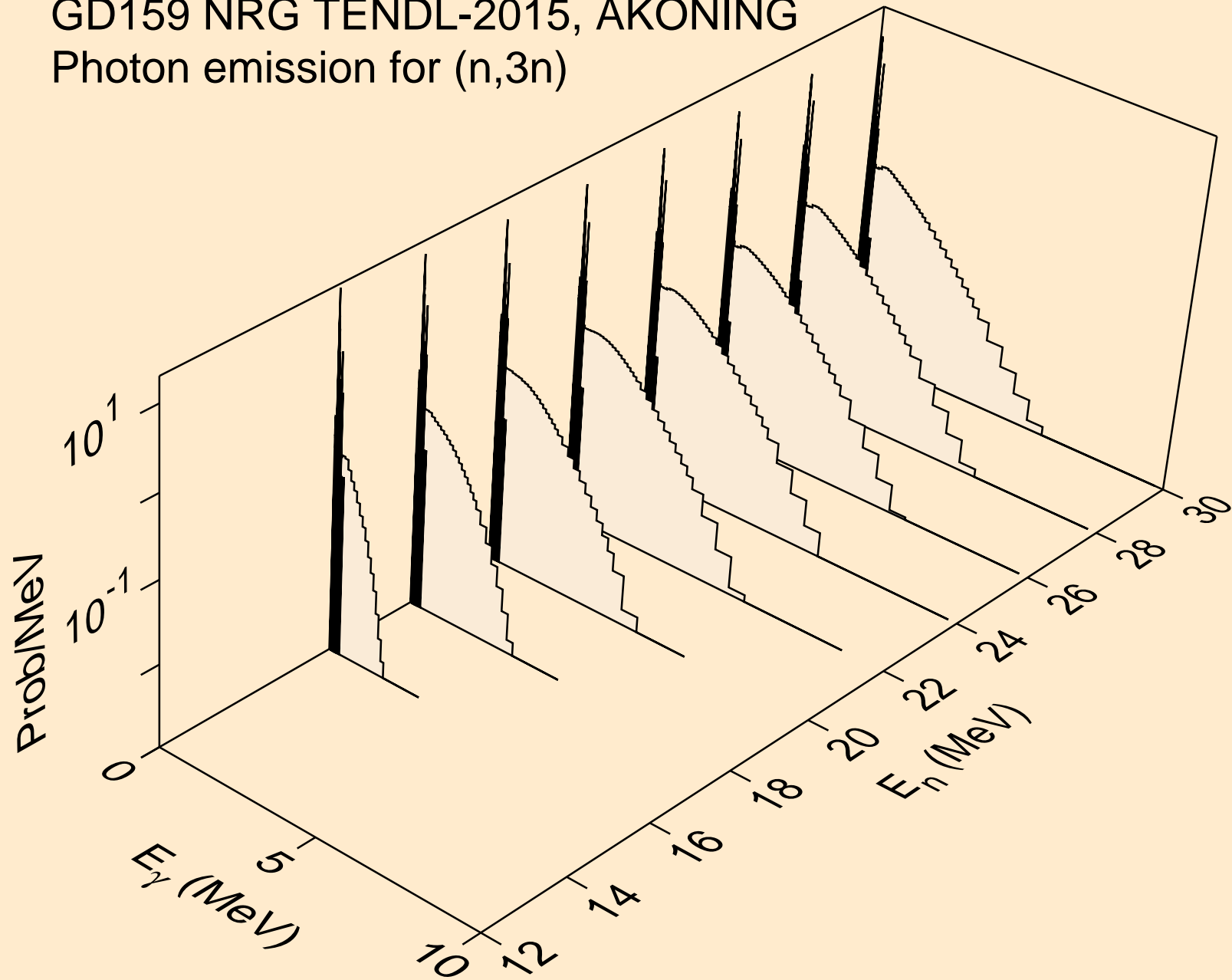
GD159 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



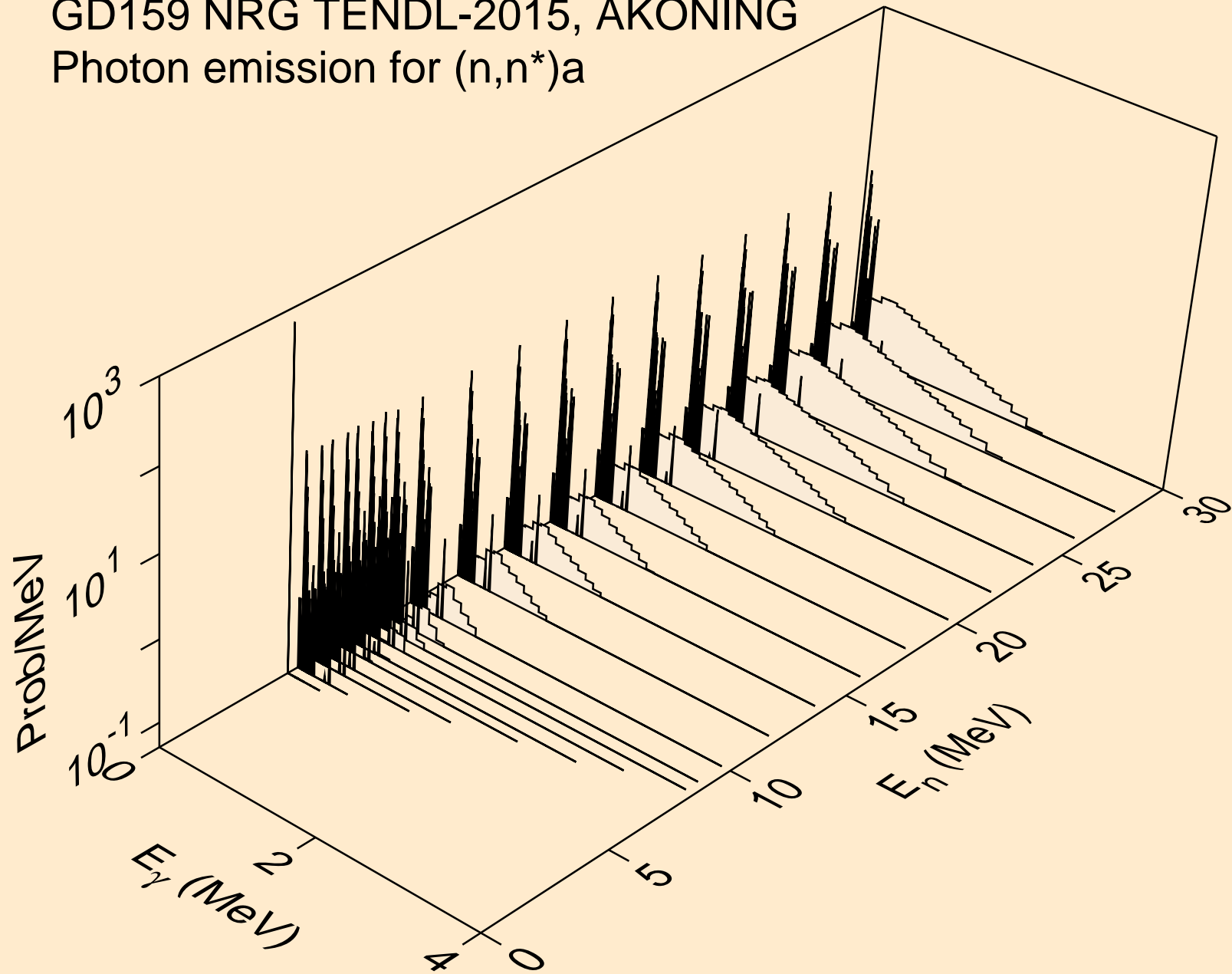
GD159 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



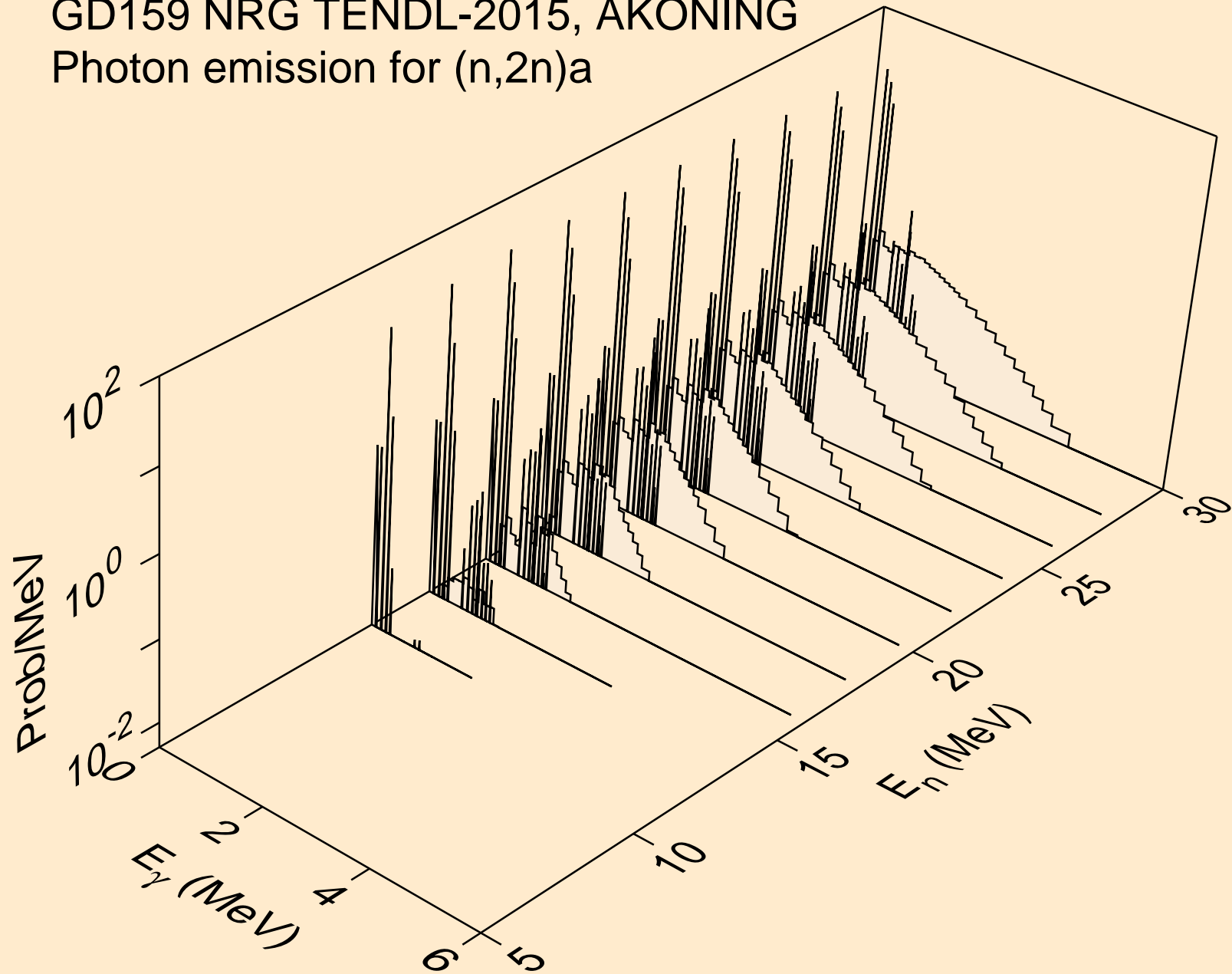
GD159 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



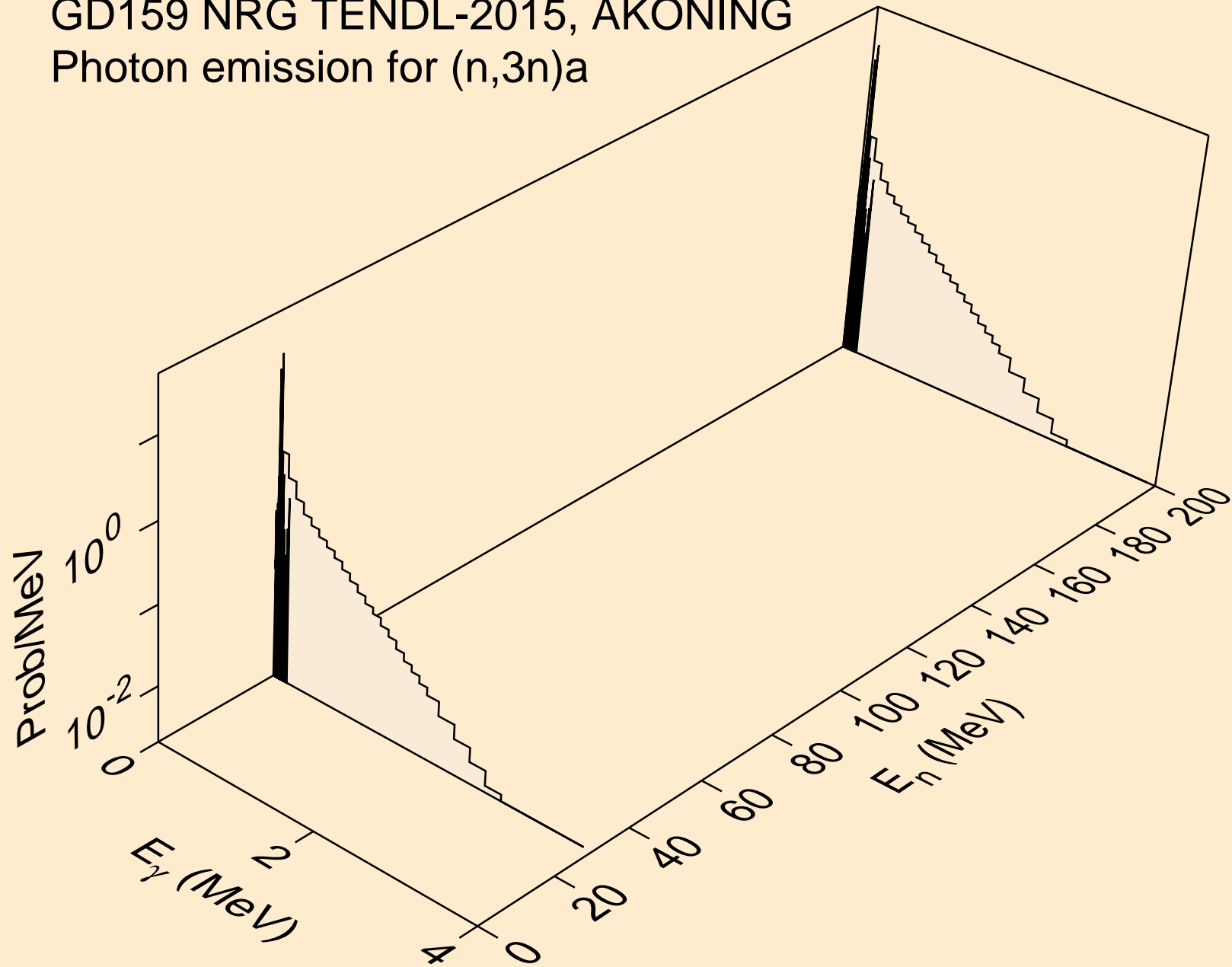
GD159 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



GD159 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

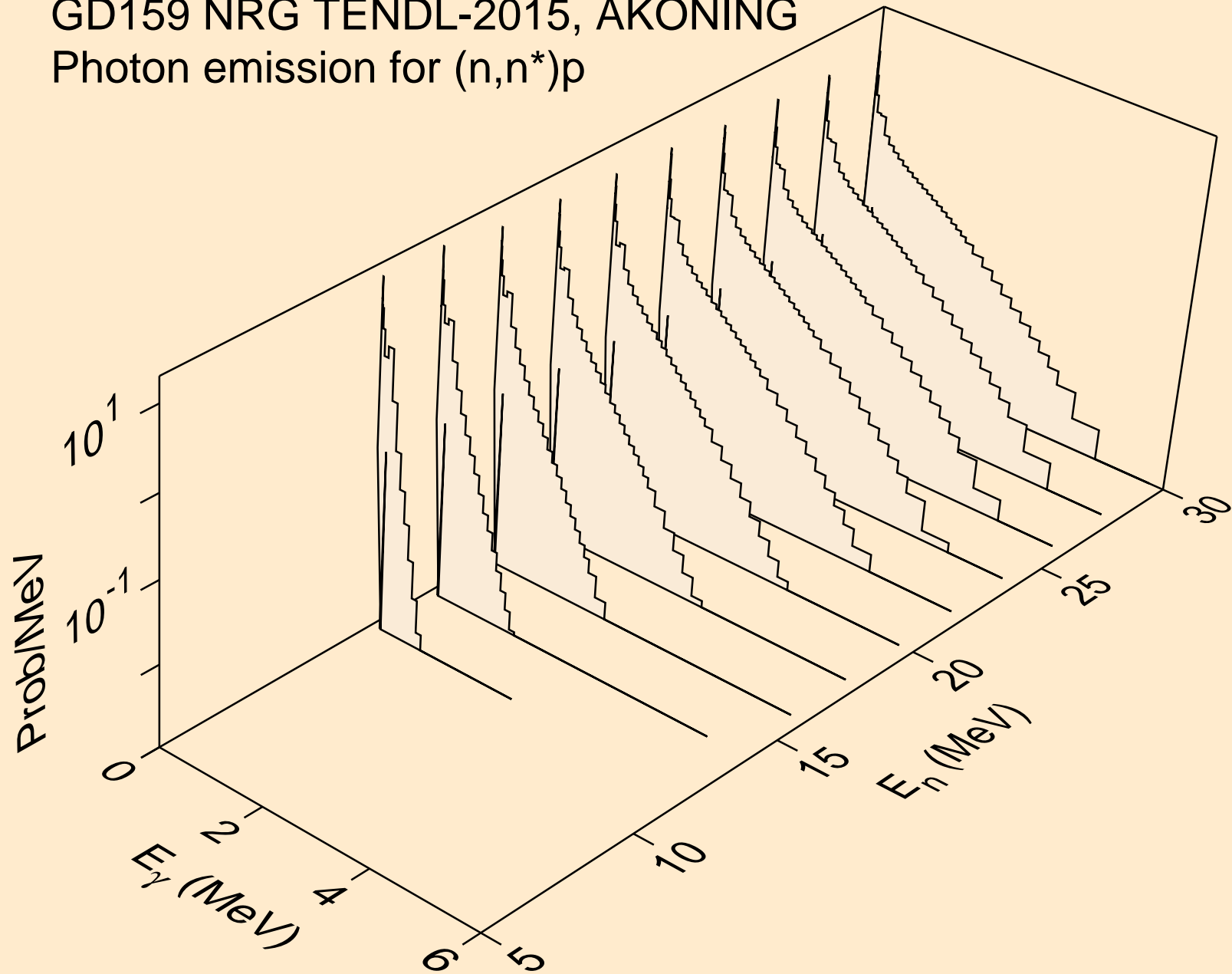


GD159 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a

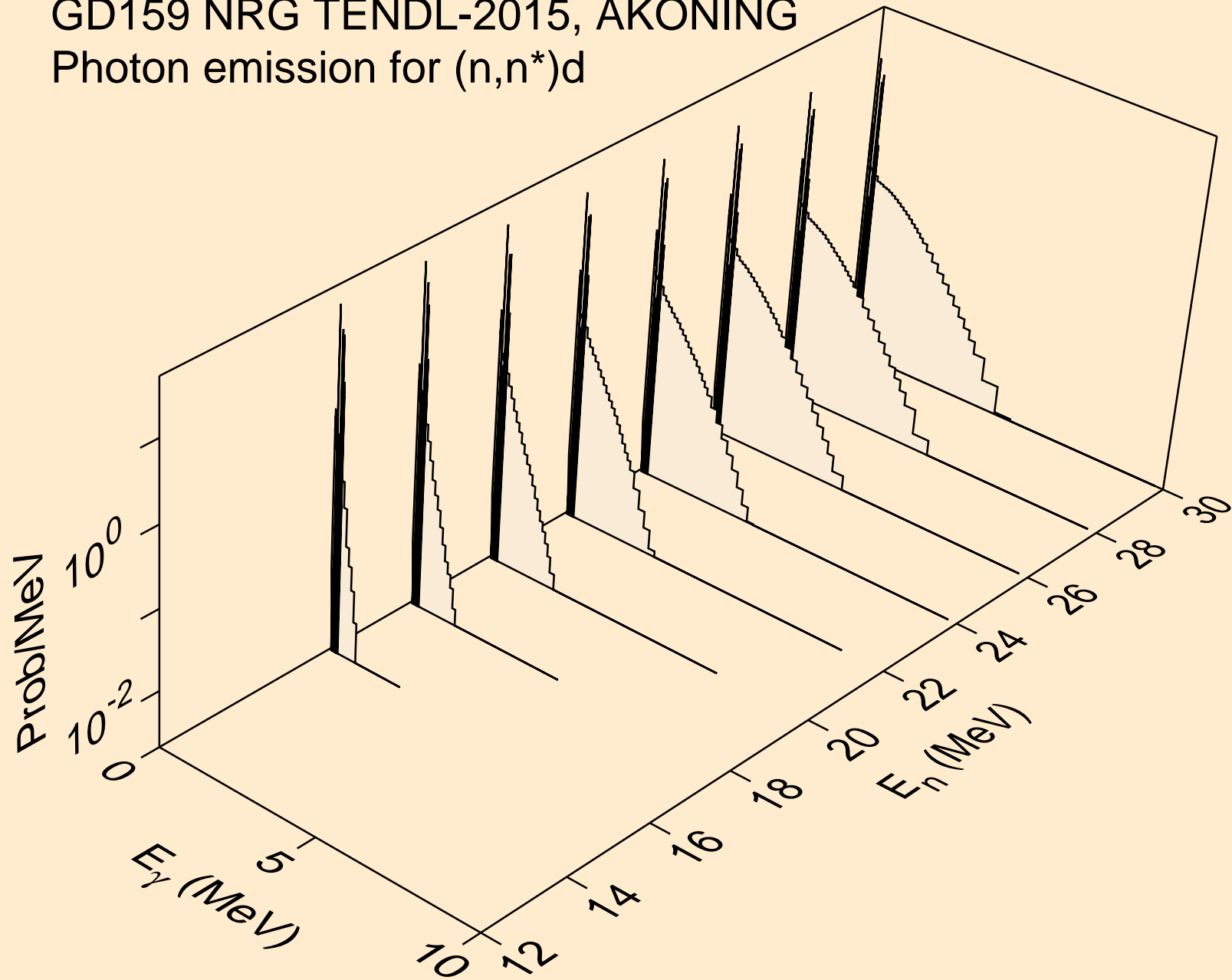




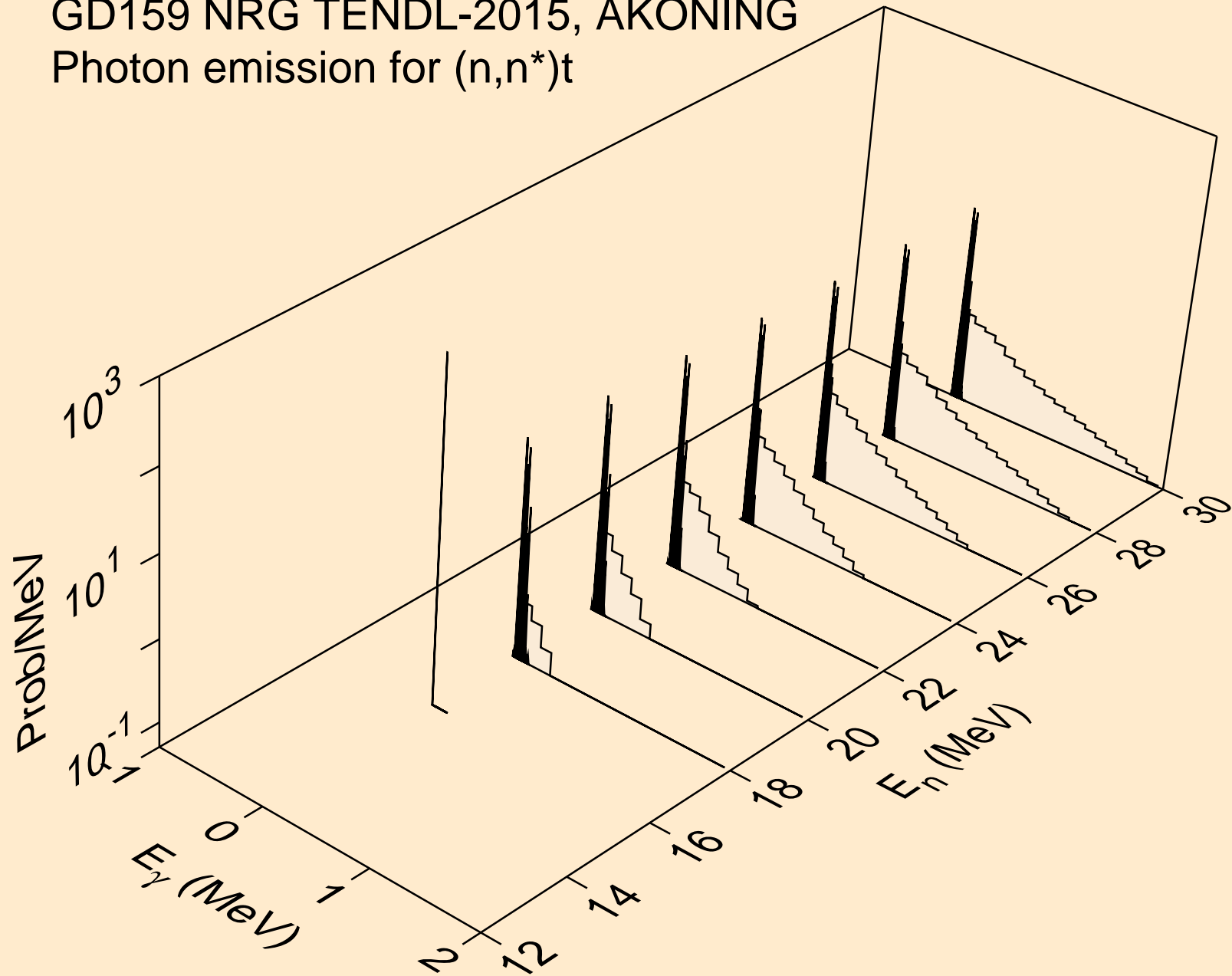
GD159 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



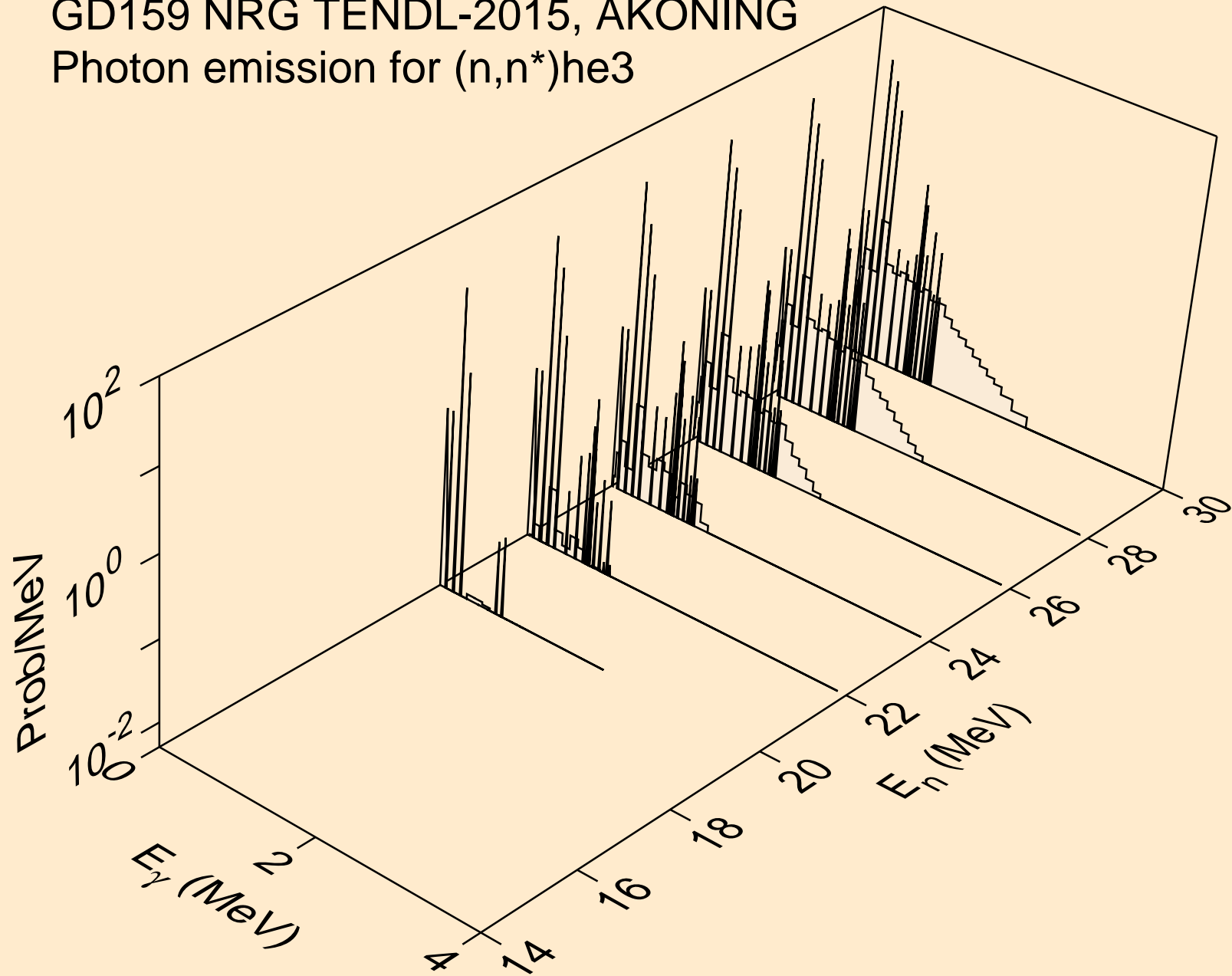
GD159 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



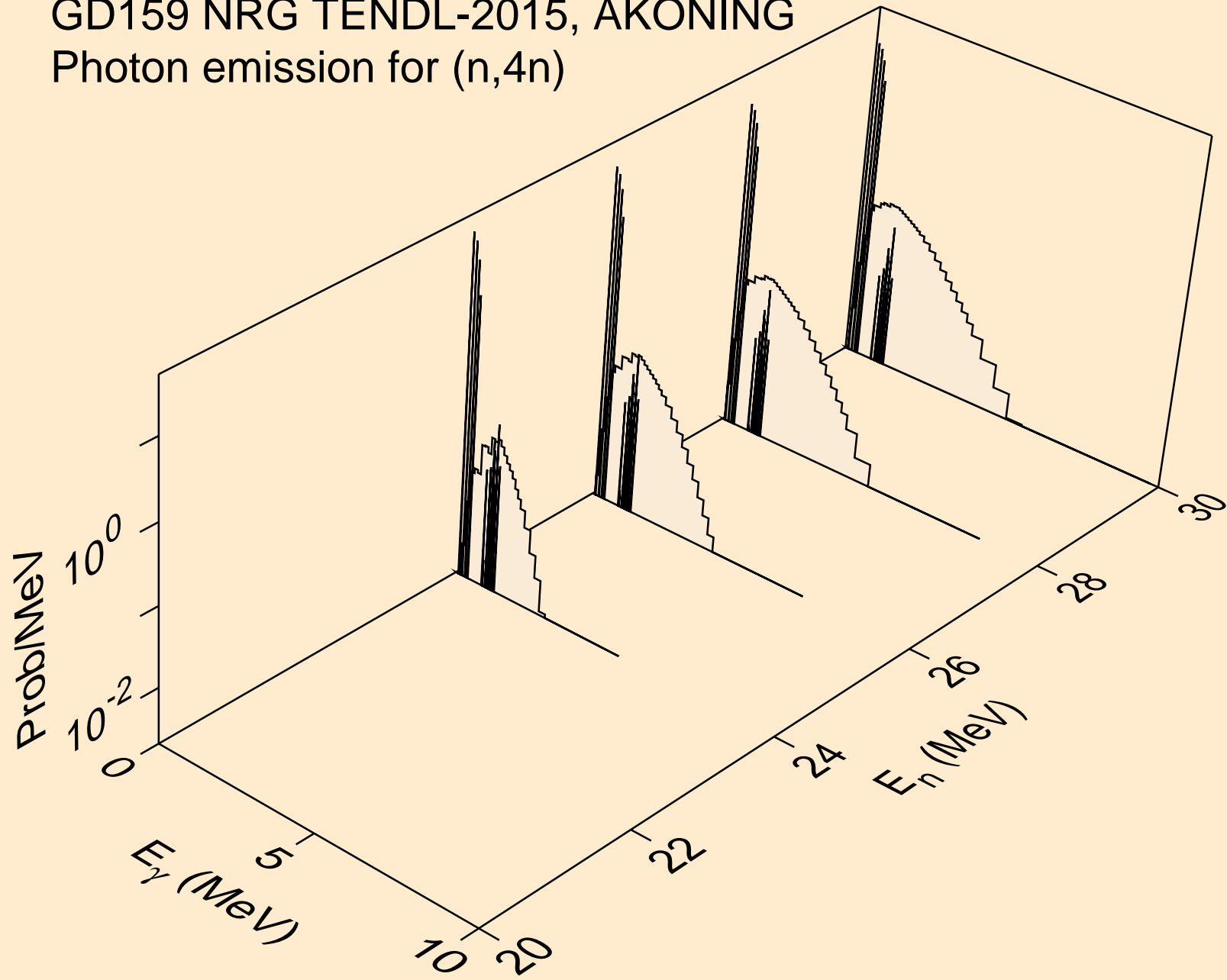
GD159 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



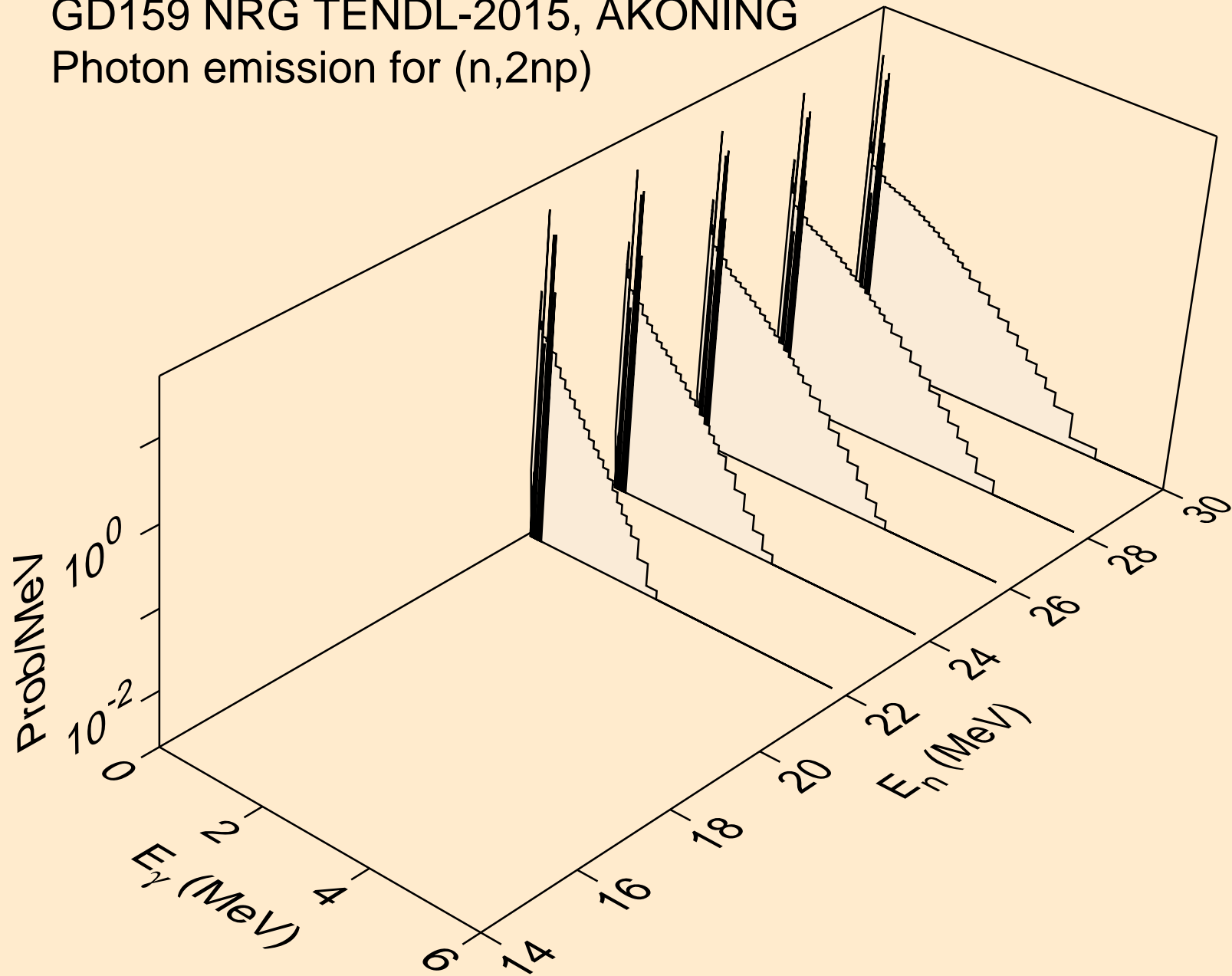
GD159 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



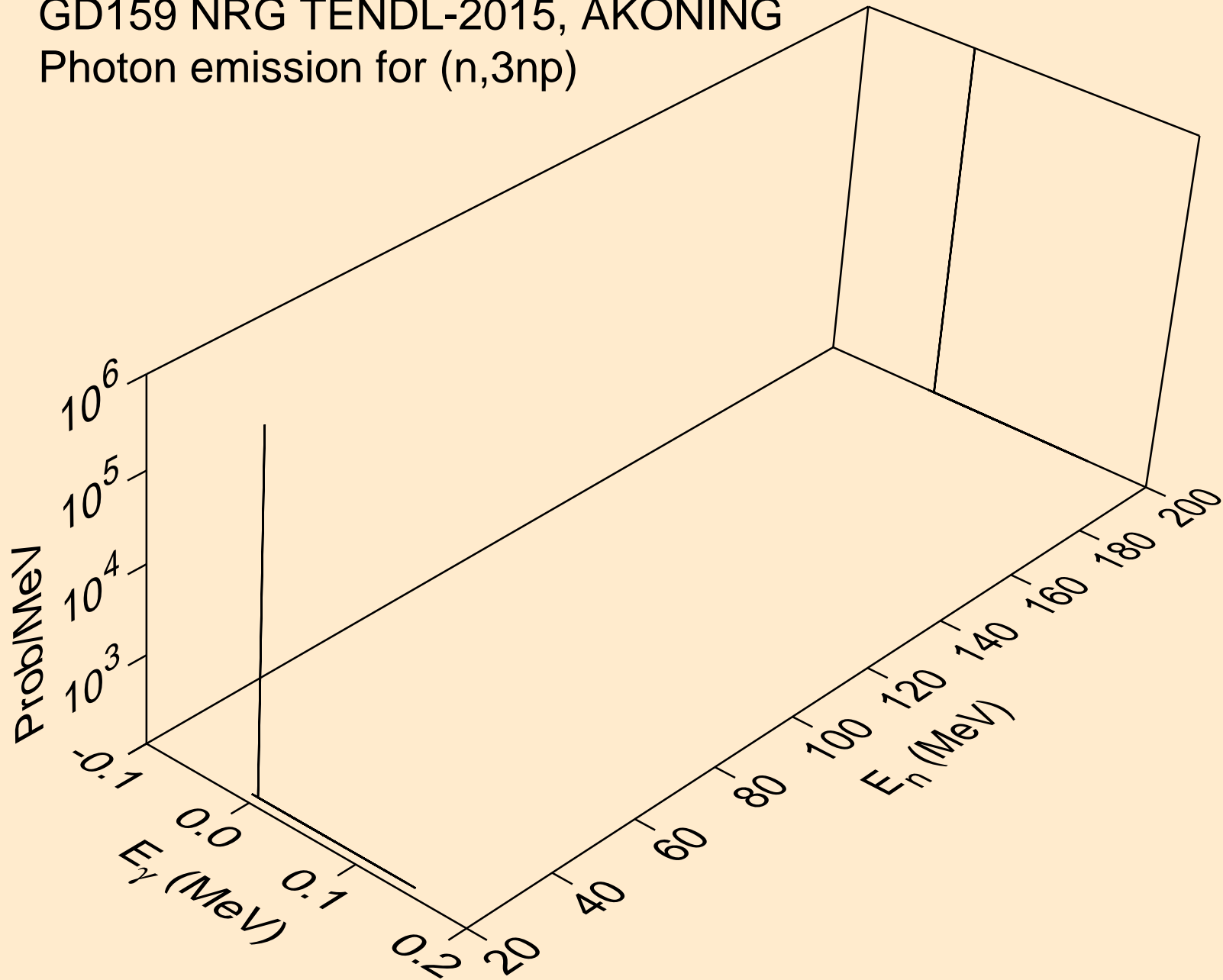
GD159 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



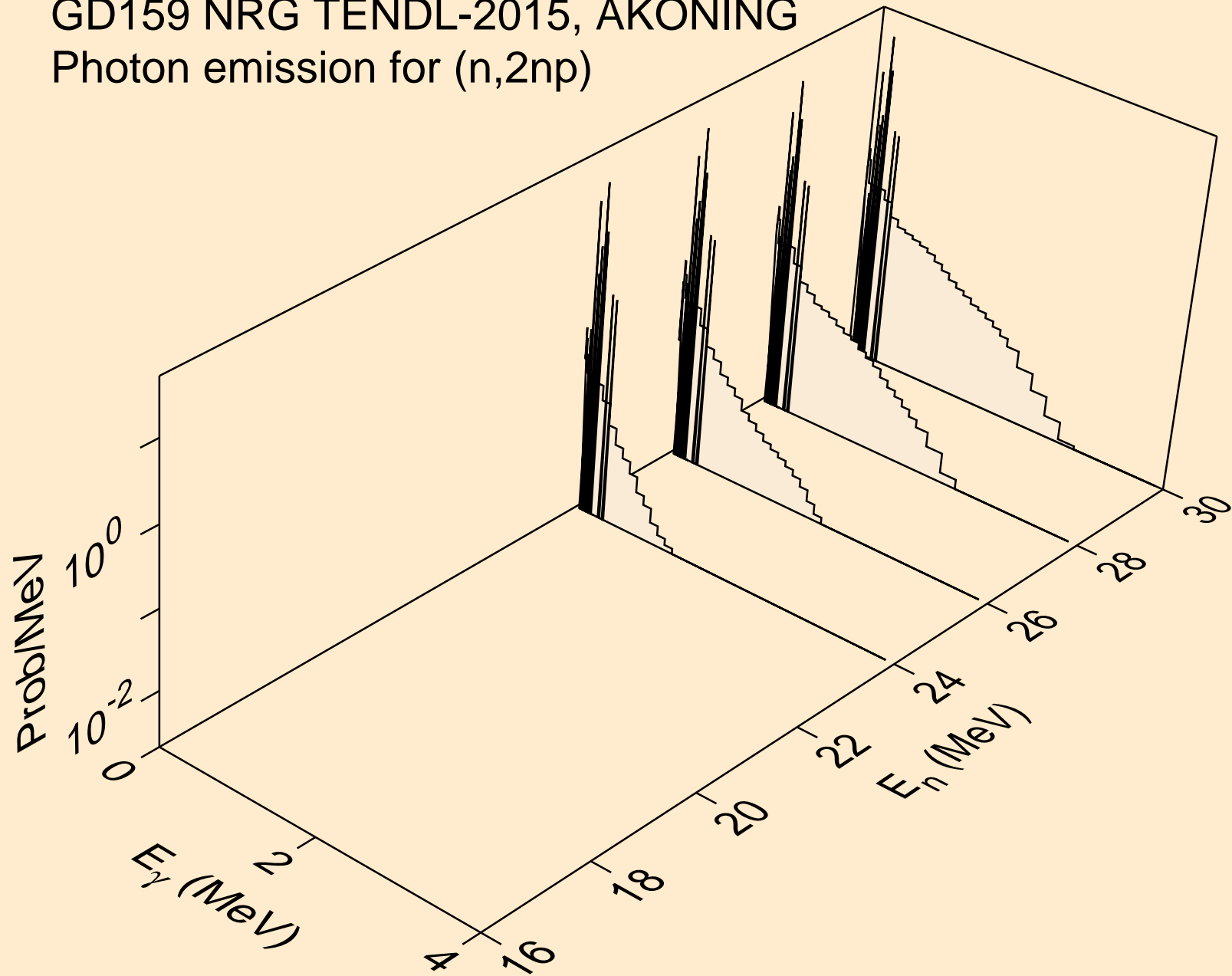
GD159 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



GD159 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)

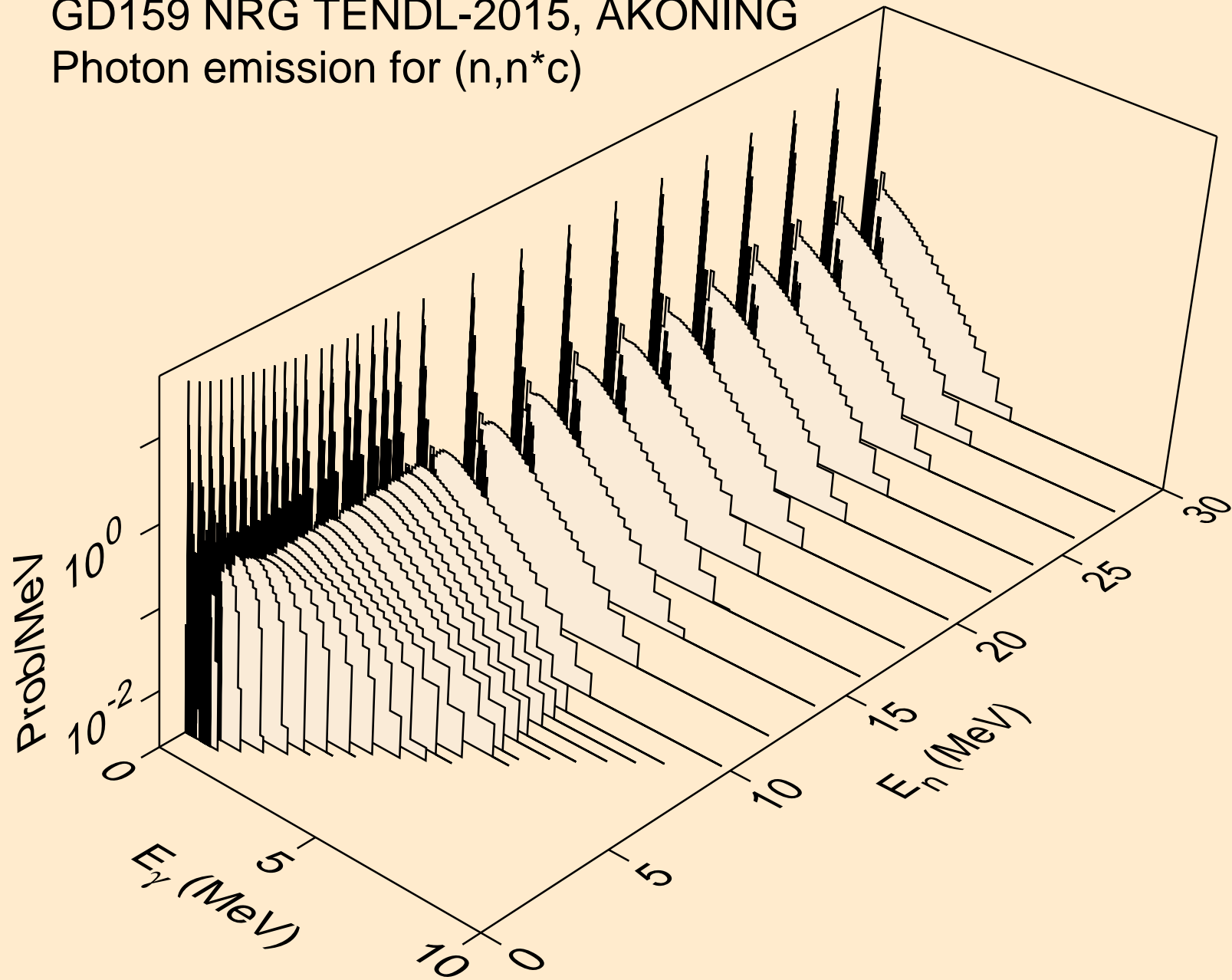


GD159 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

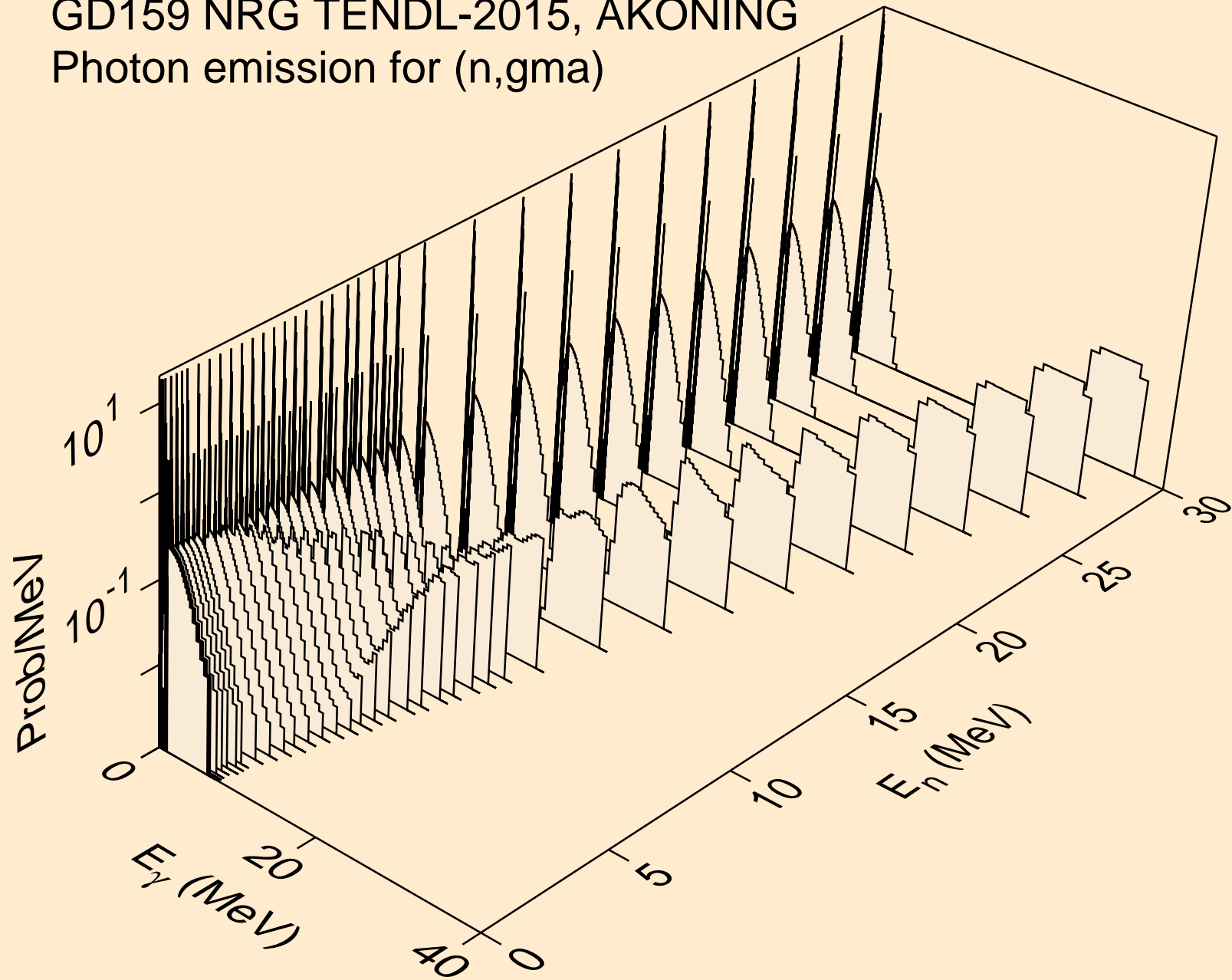




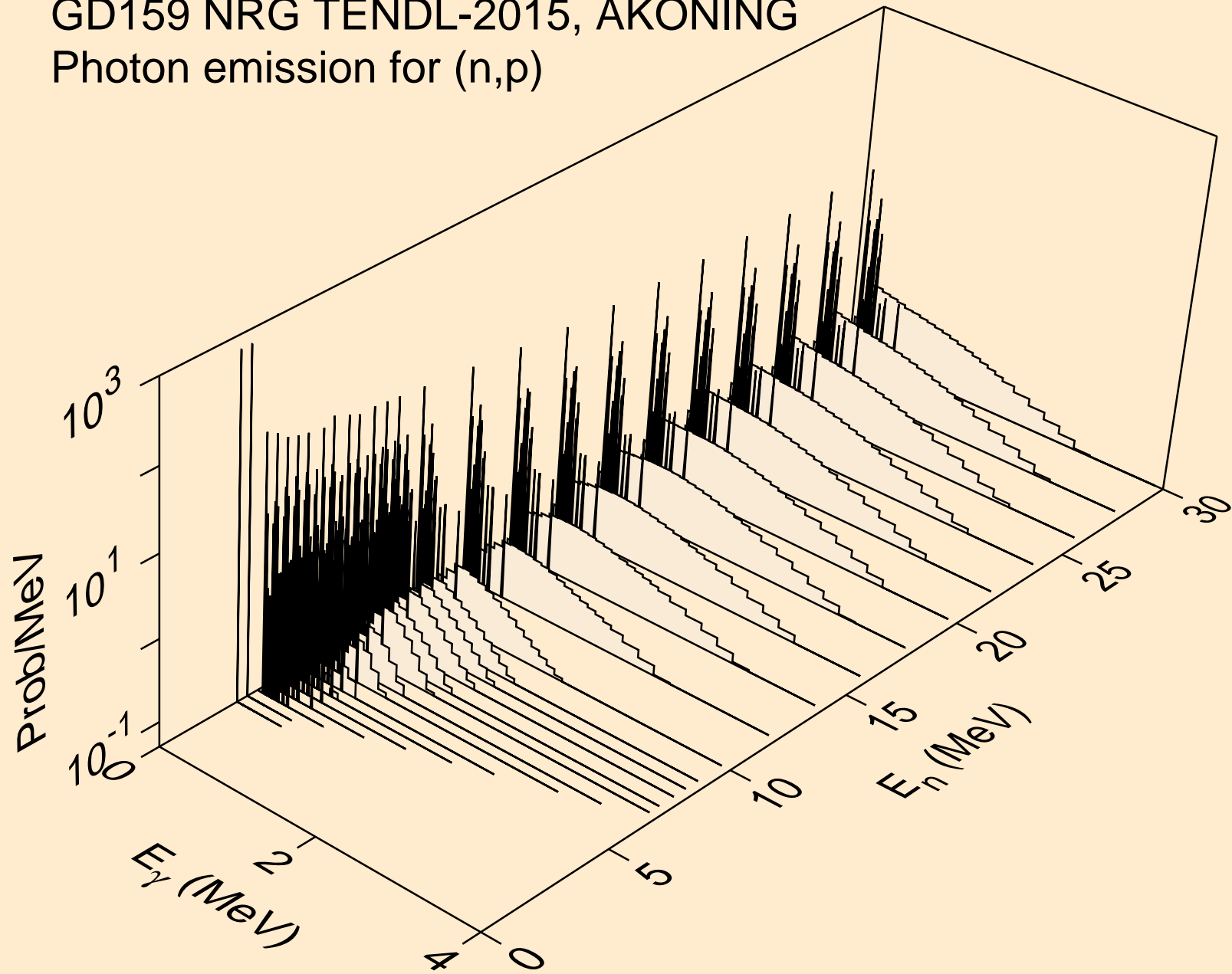
GD159 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



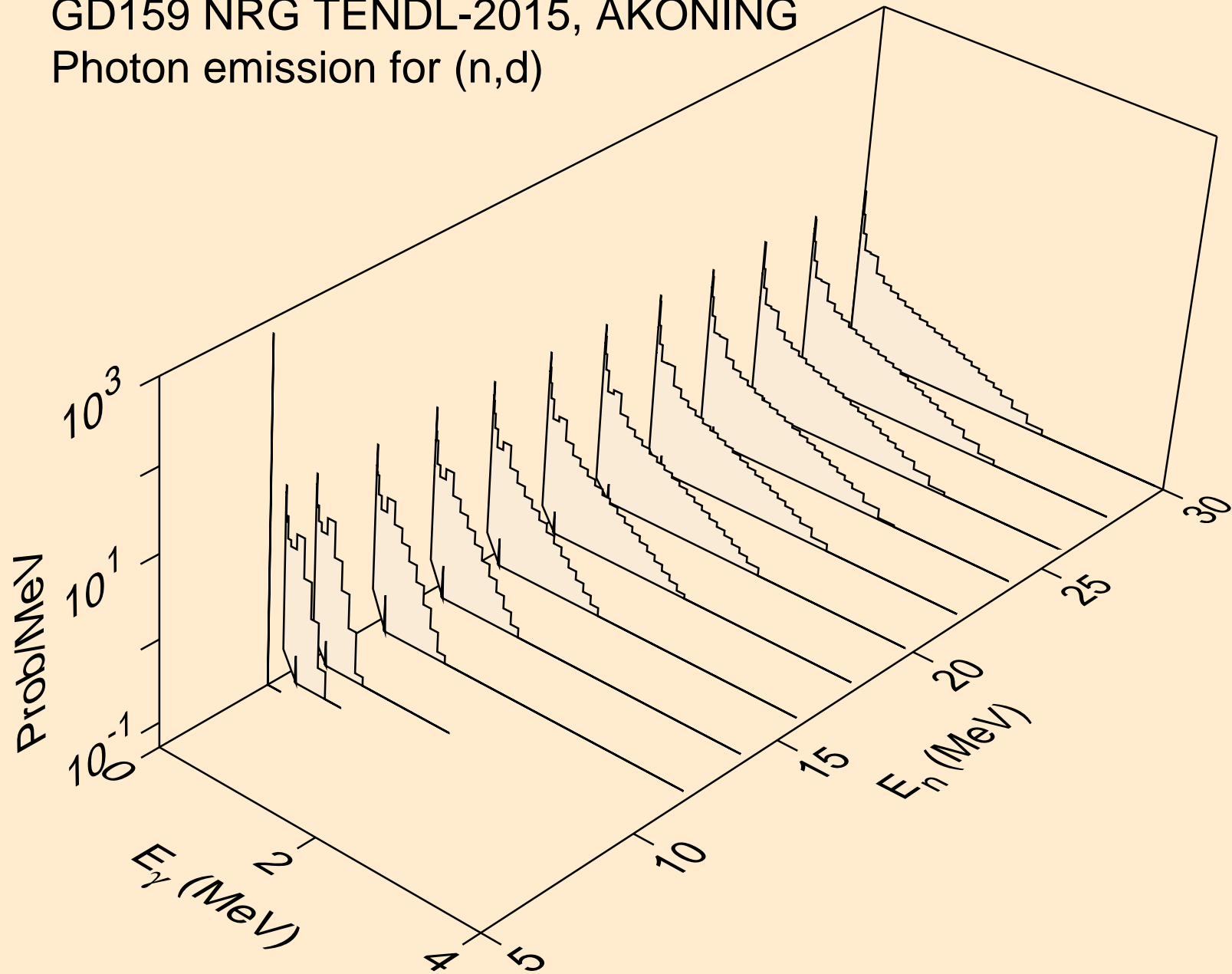
GD159 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



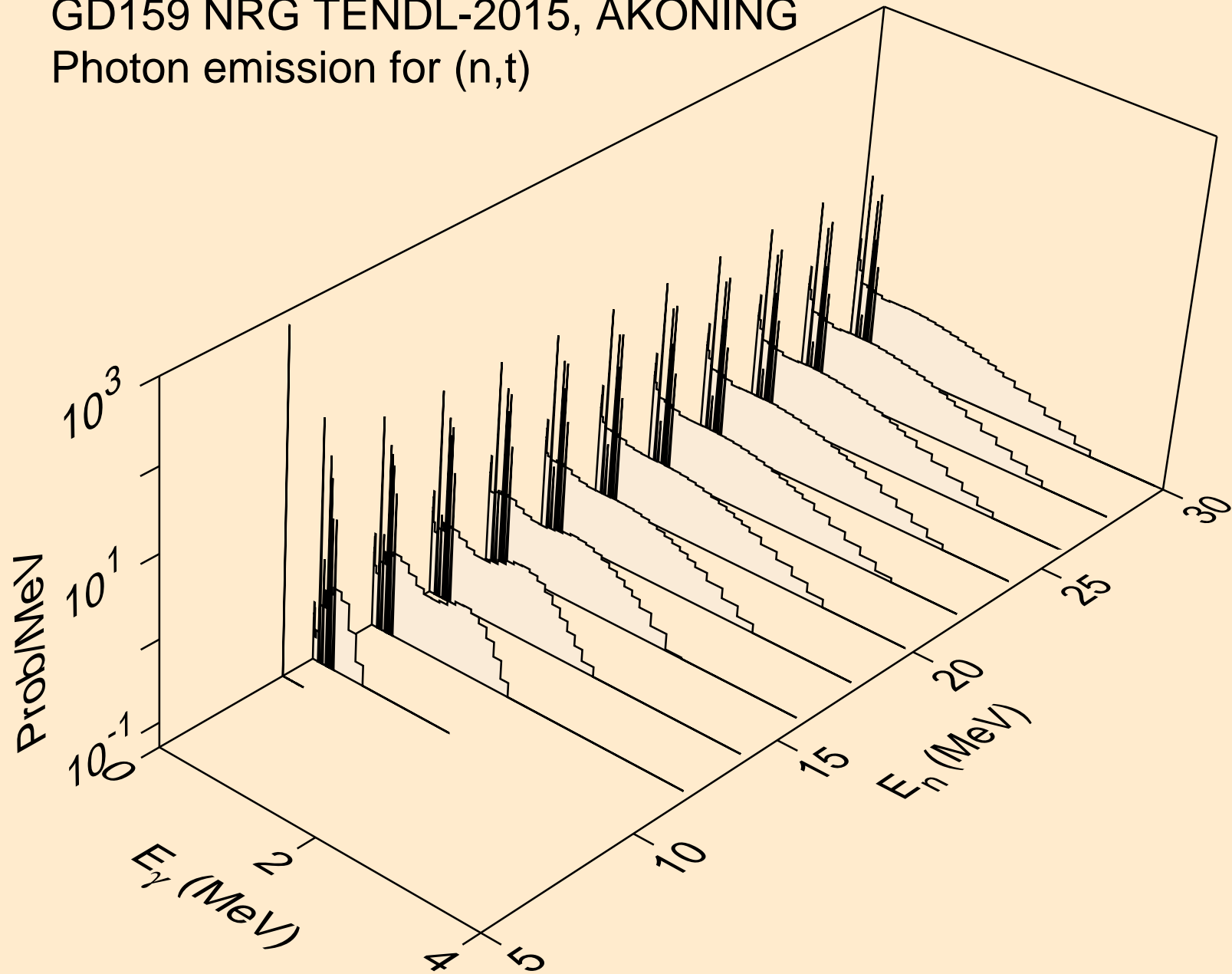
GD159 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



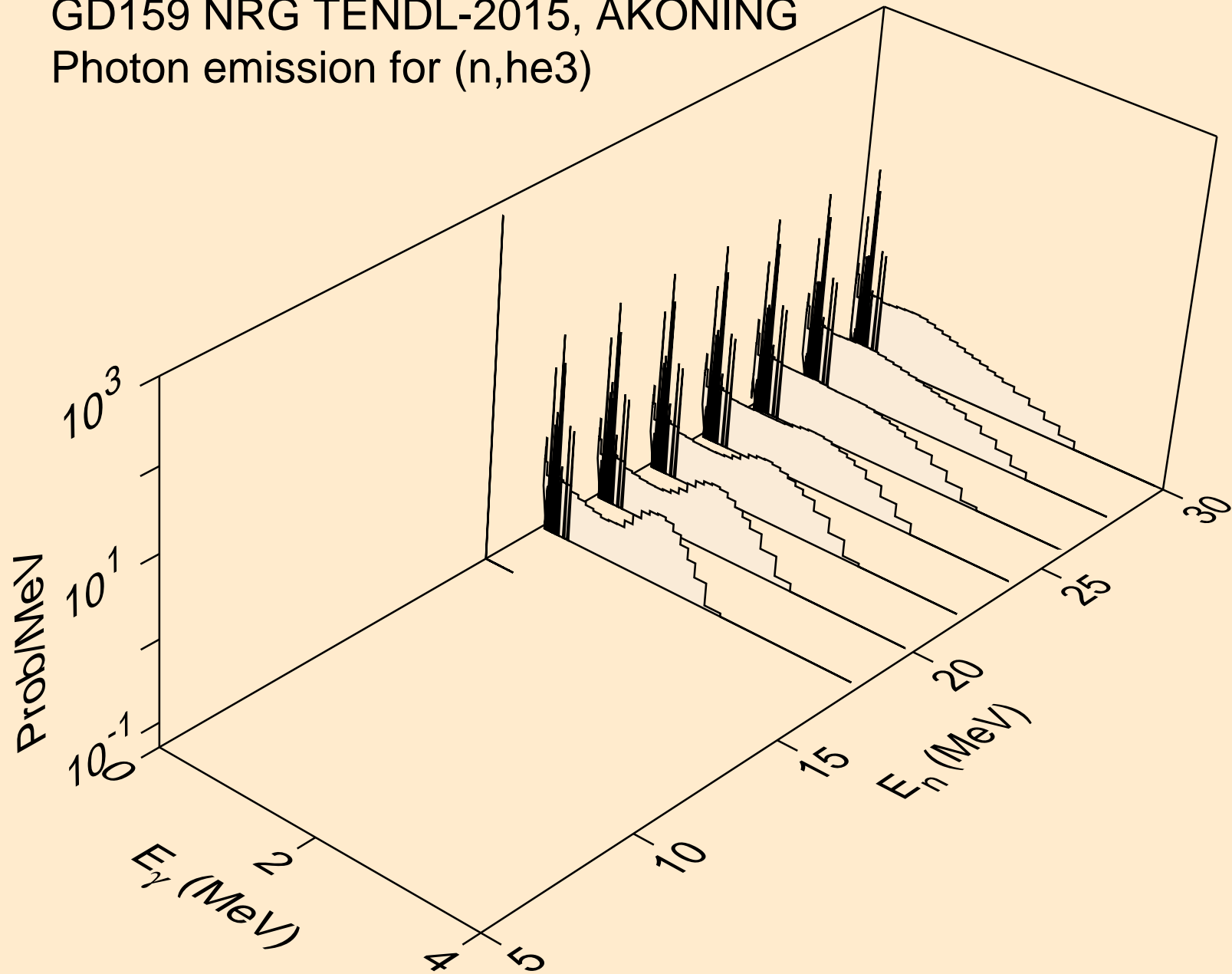
GD159 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



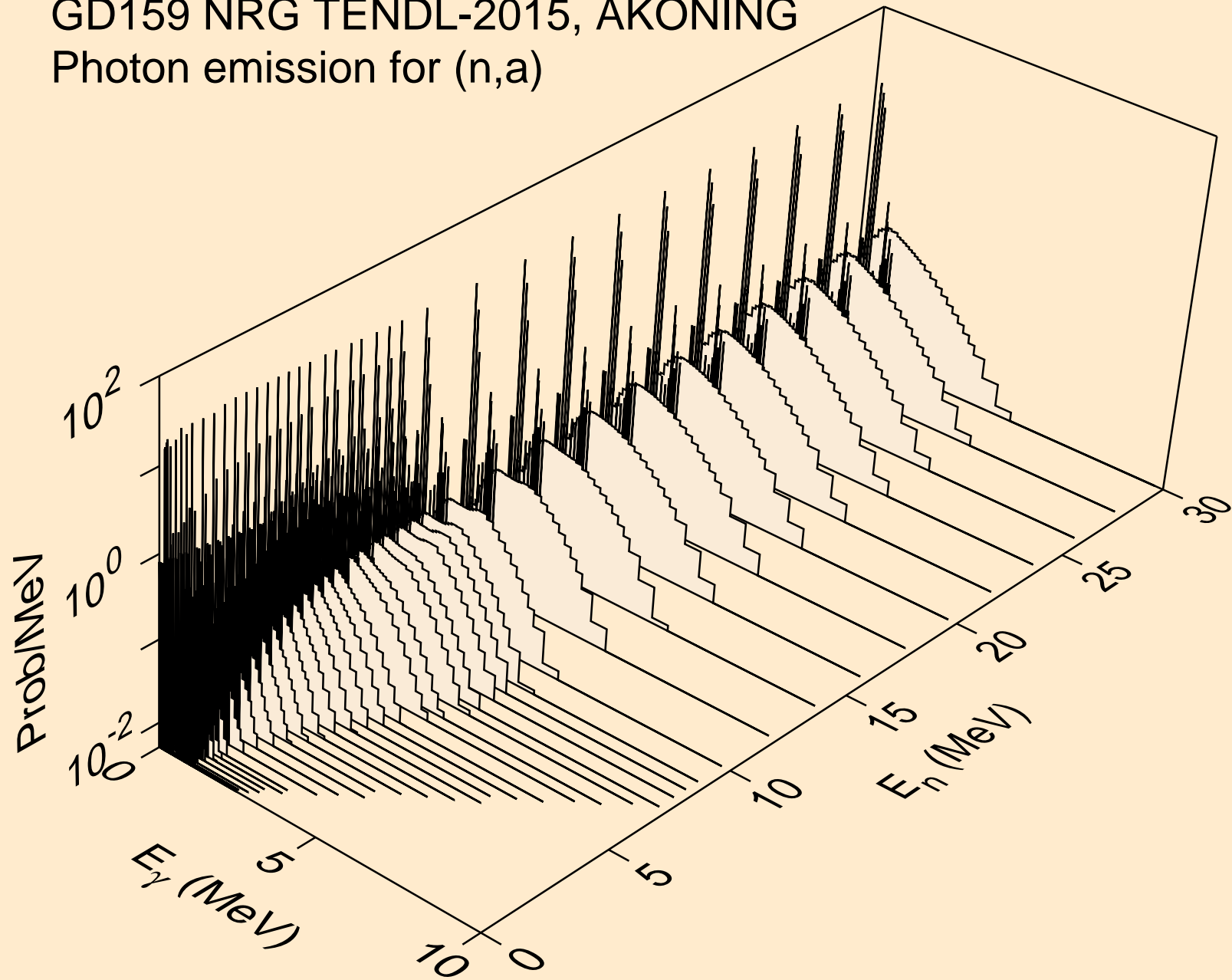
GD159 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



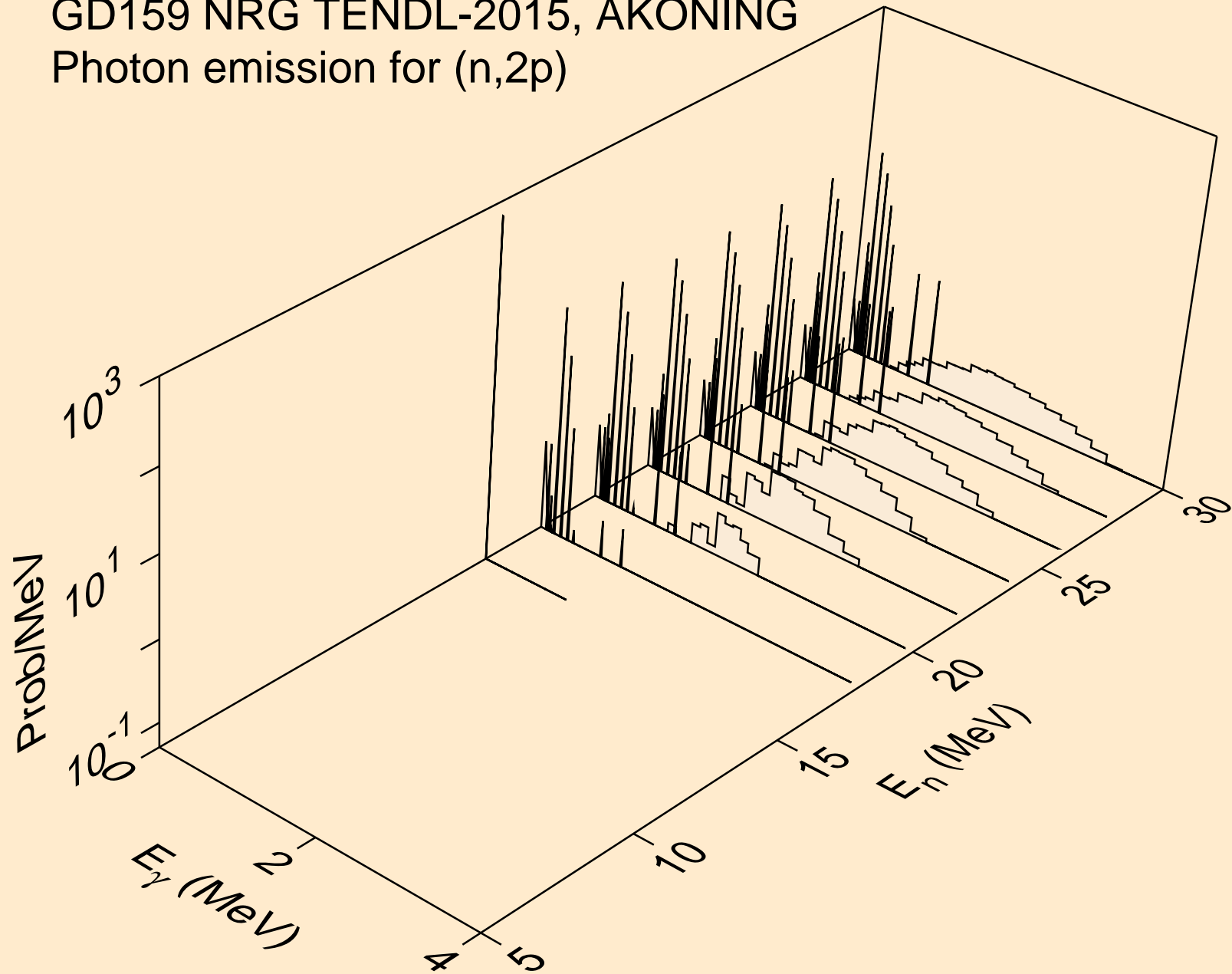
GD159 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



GD159 NRG TENDL-2015, AKONING  
Photon emission for (n,a)

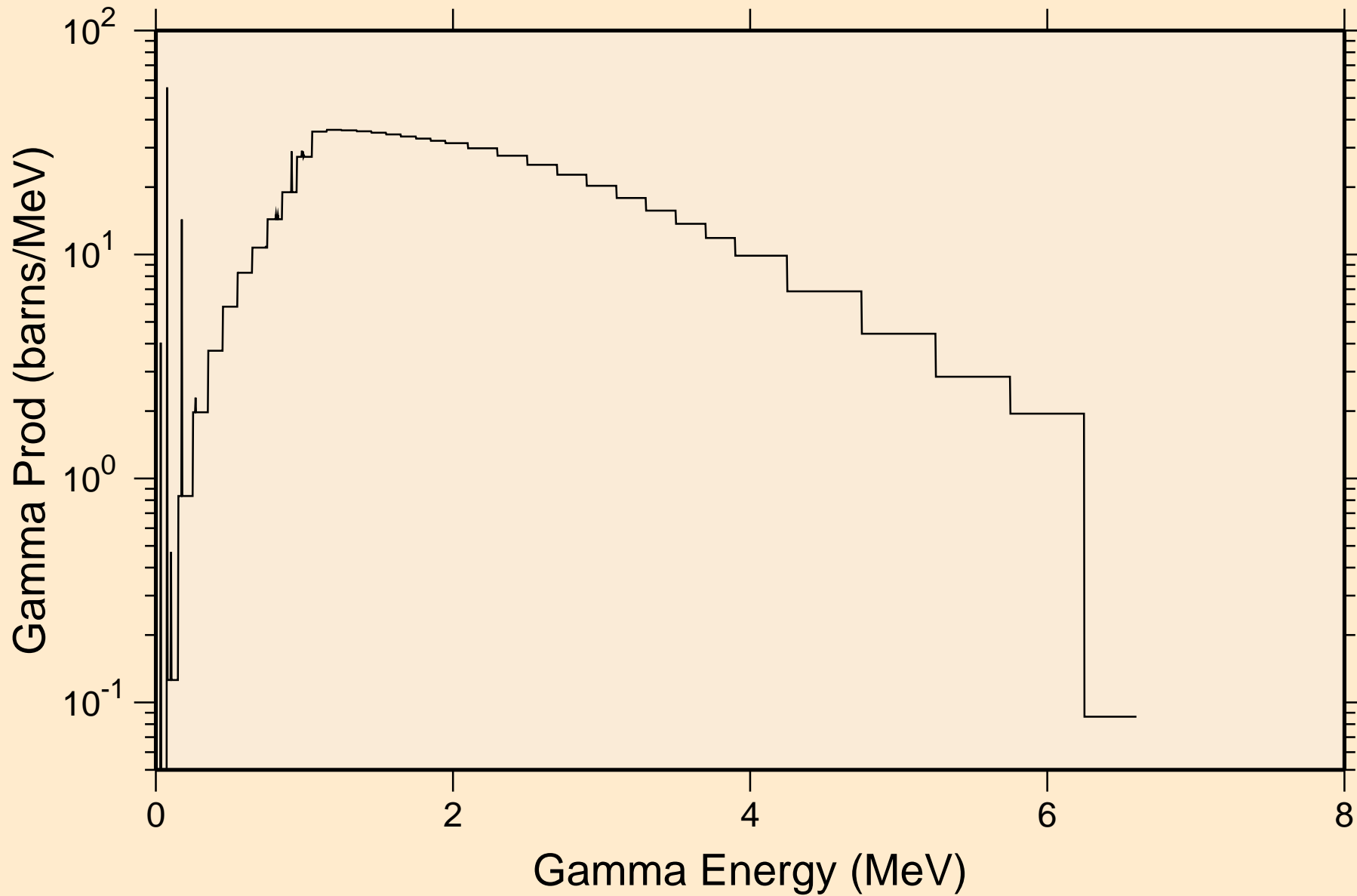


GD159 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)

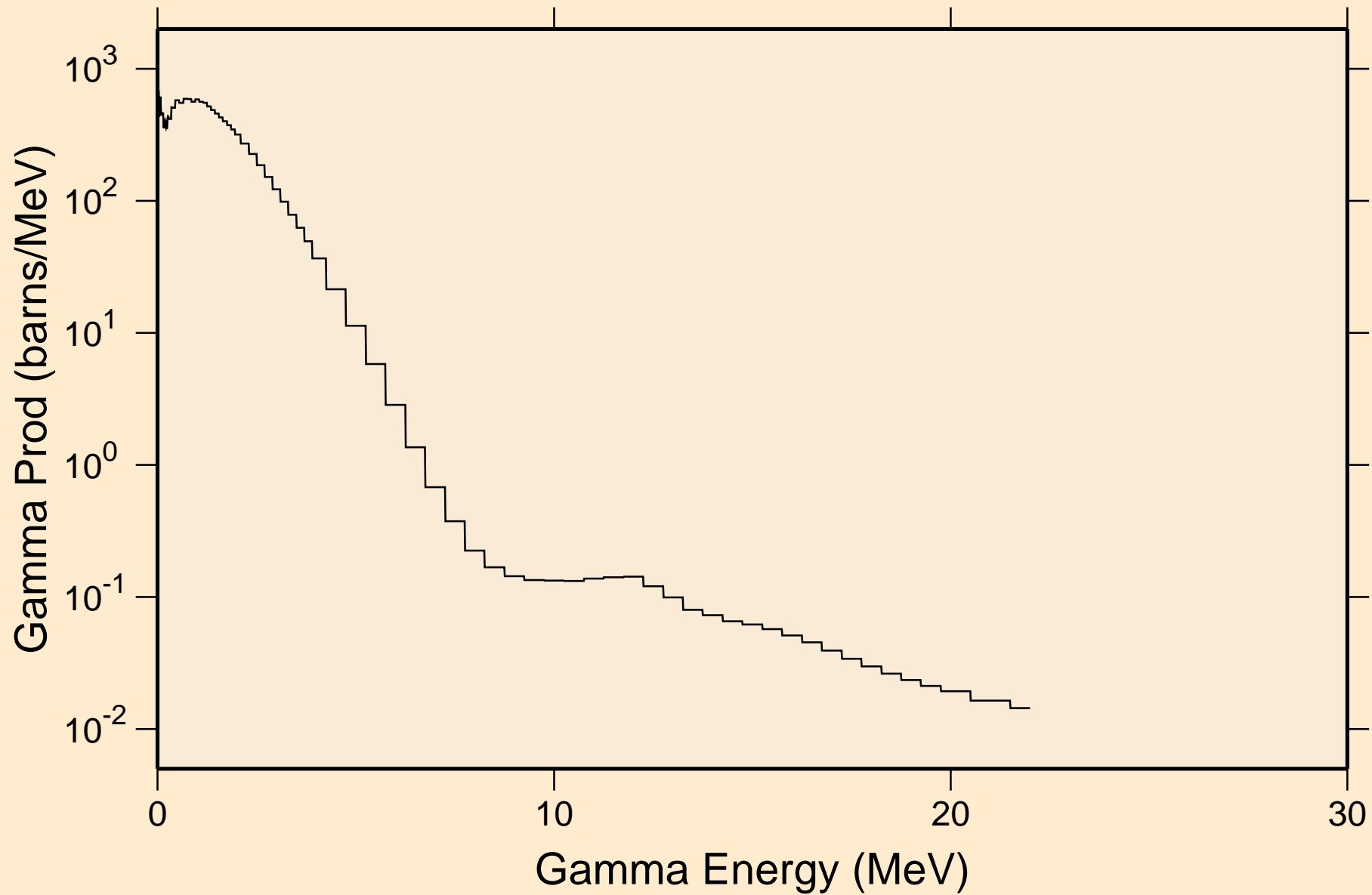




GD159 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

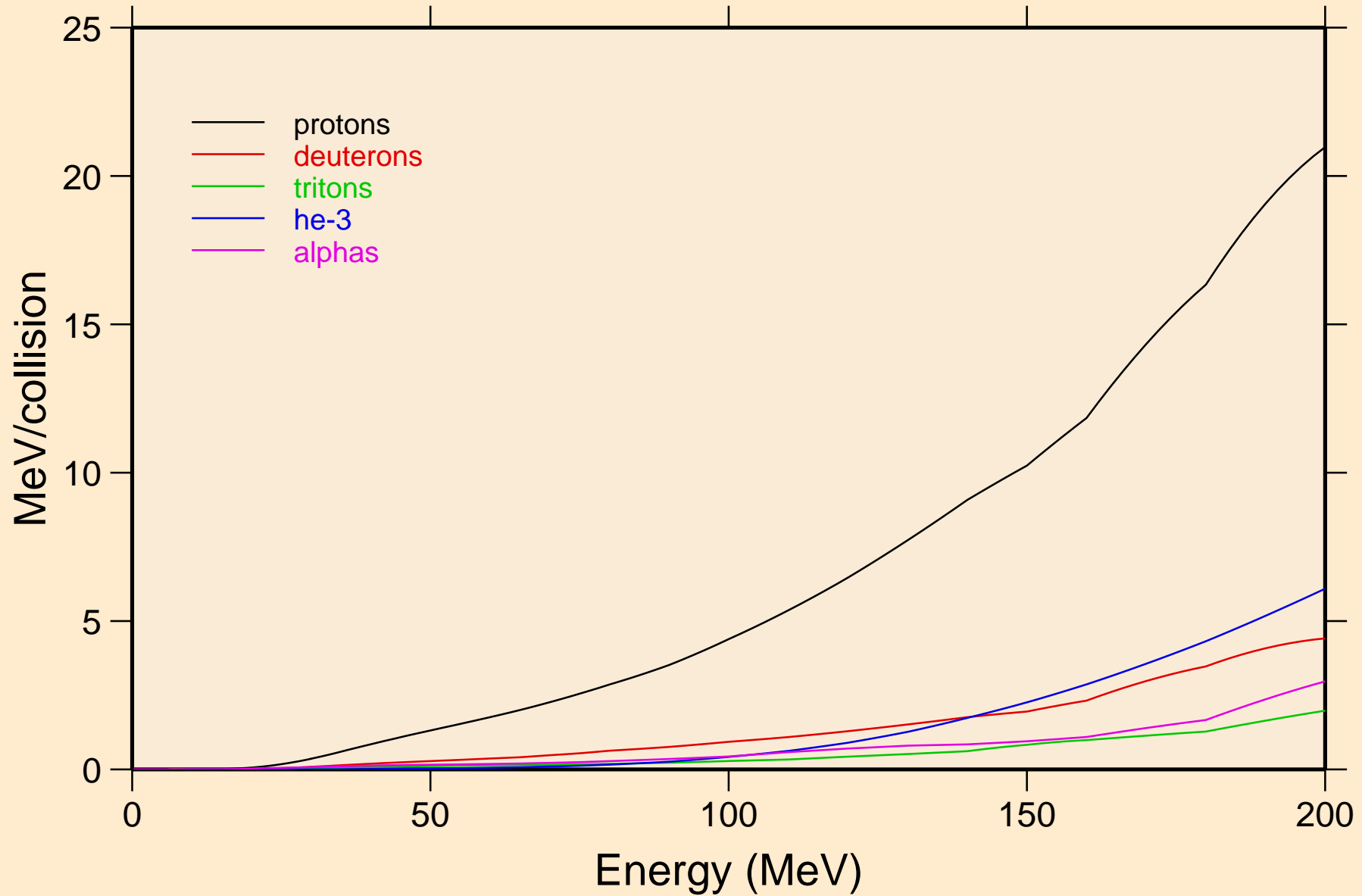


GD159 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



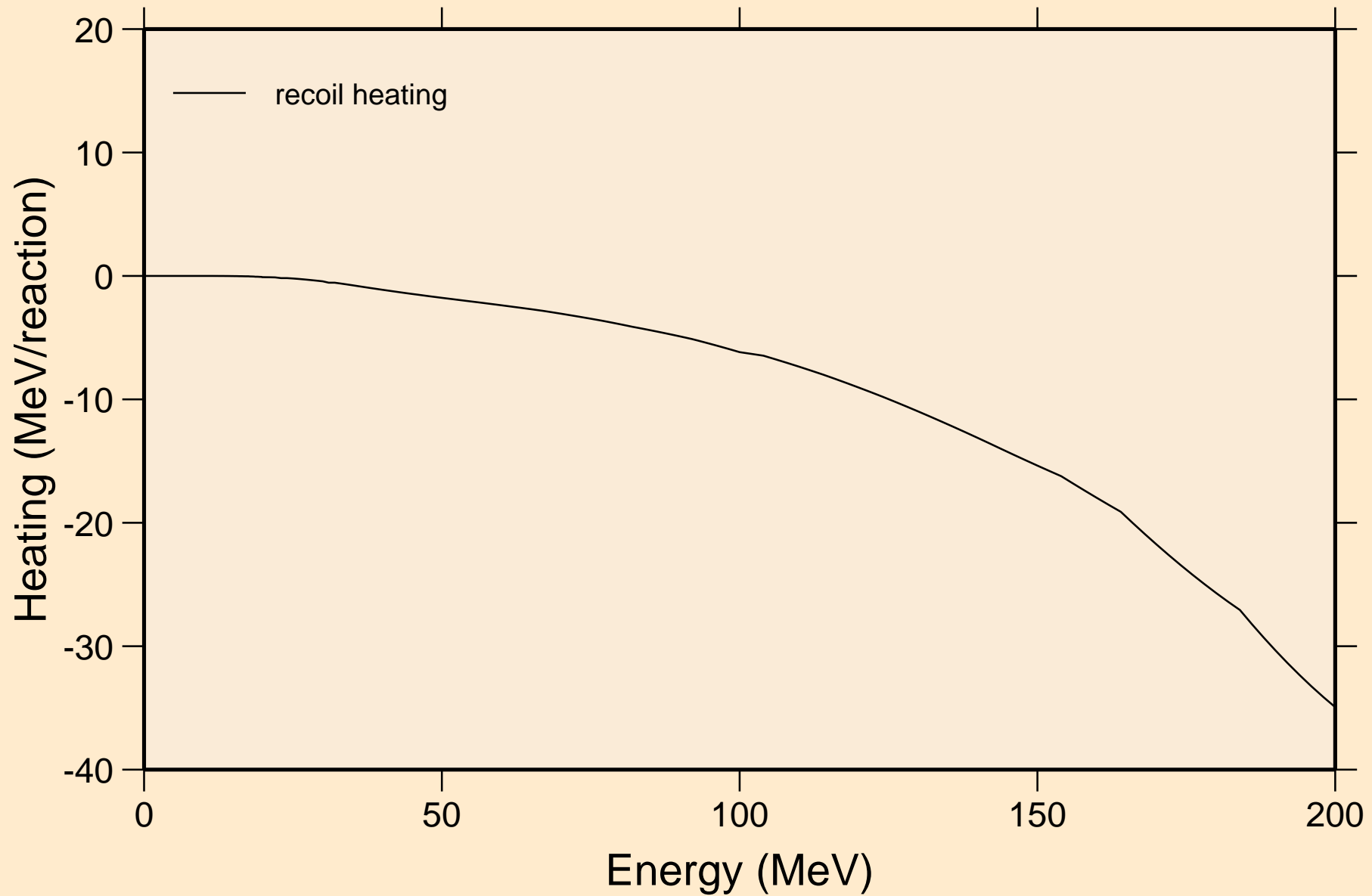
# GD159 NRG TENDL-2015, AKONING

## Particle heating contributions



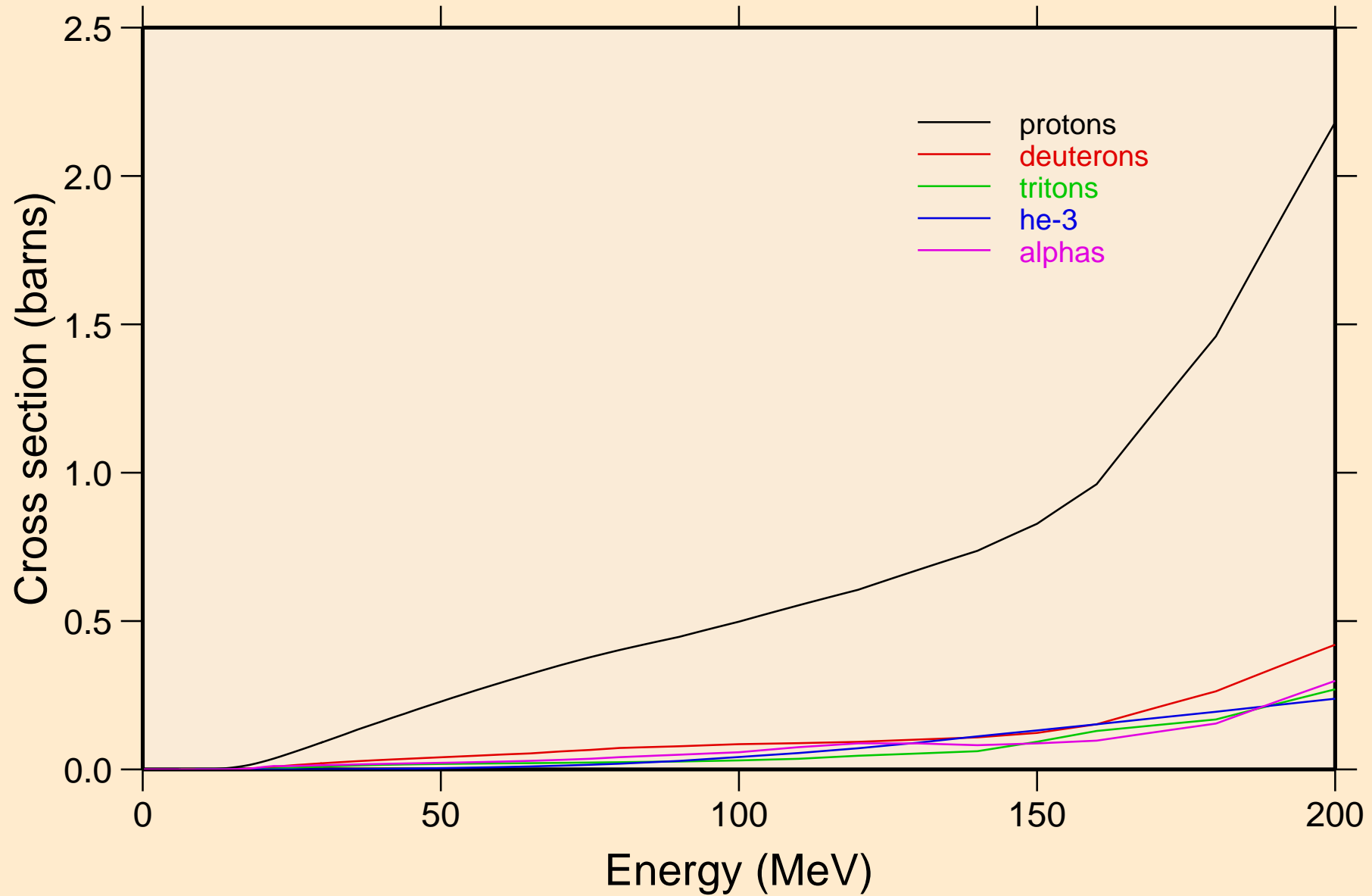
# GD159 NRG TENDL-2015, AKONING

## Recoil Heating

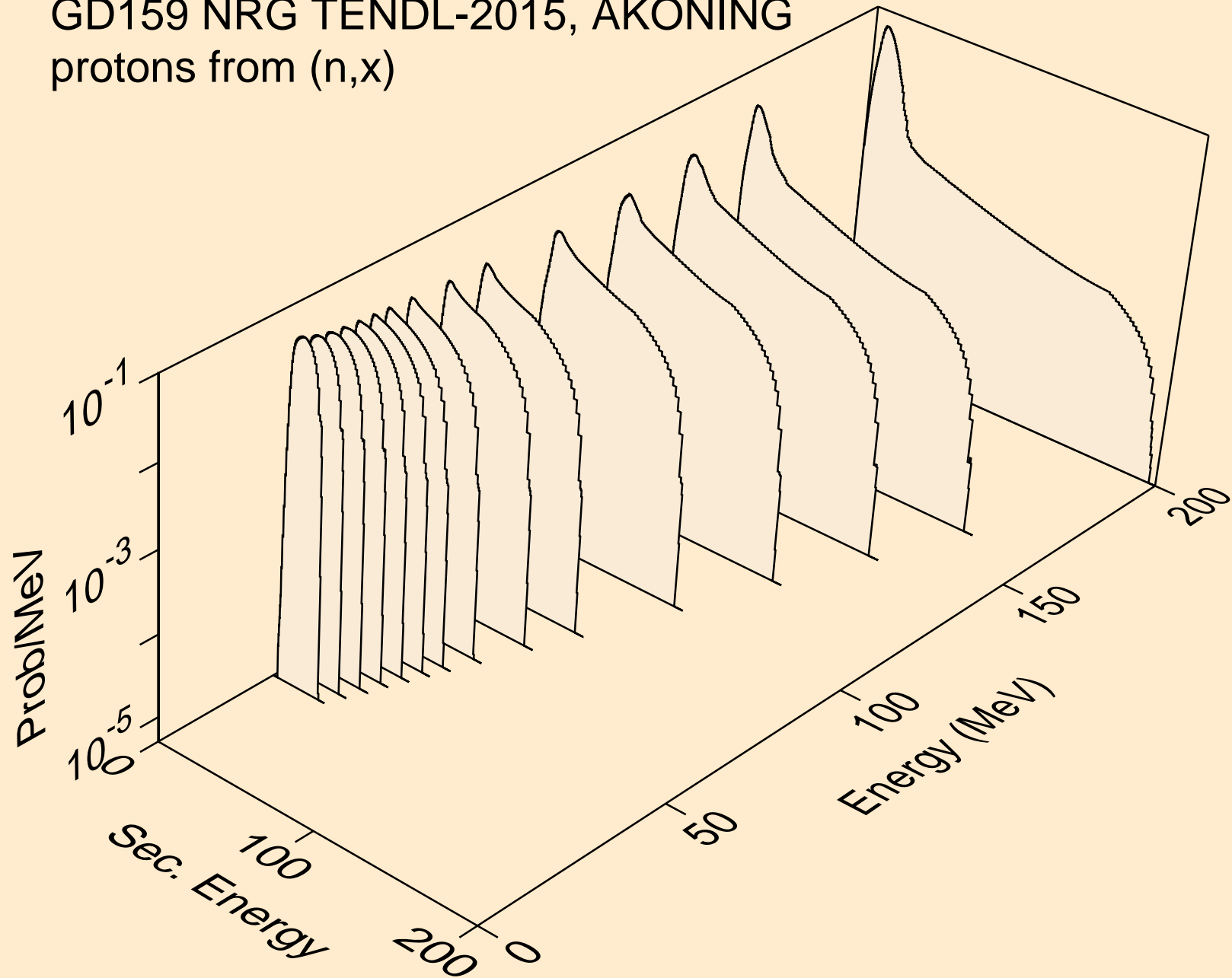


# GD159 NRG TENDL-2015, AKONING

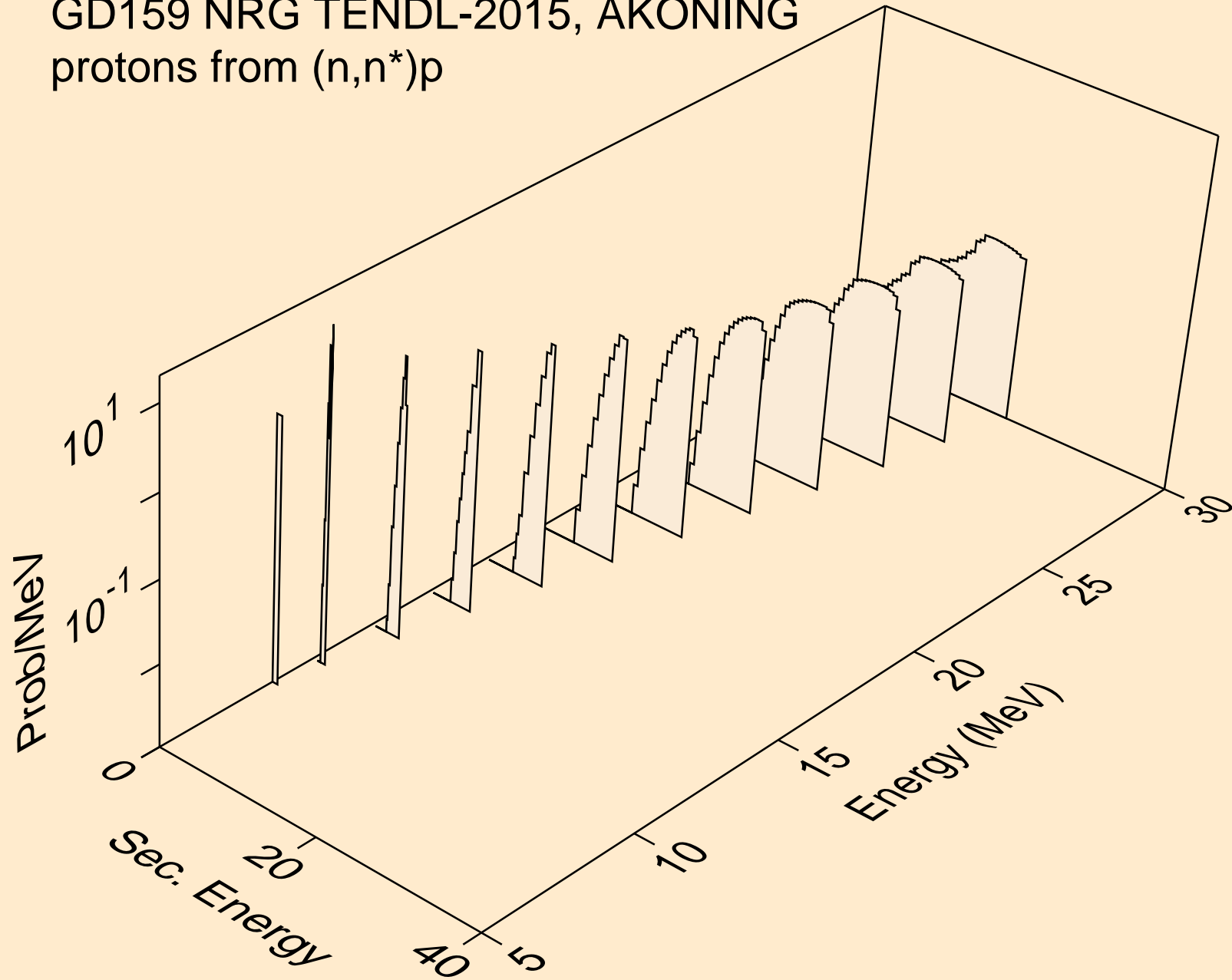
## Particle production cross sections



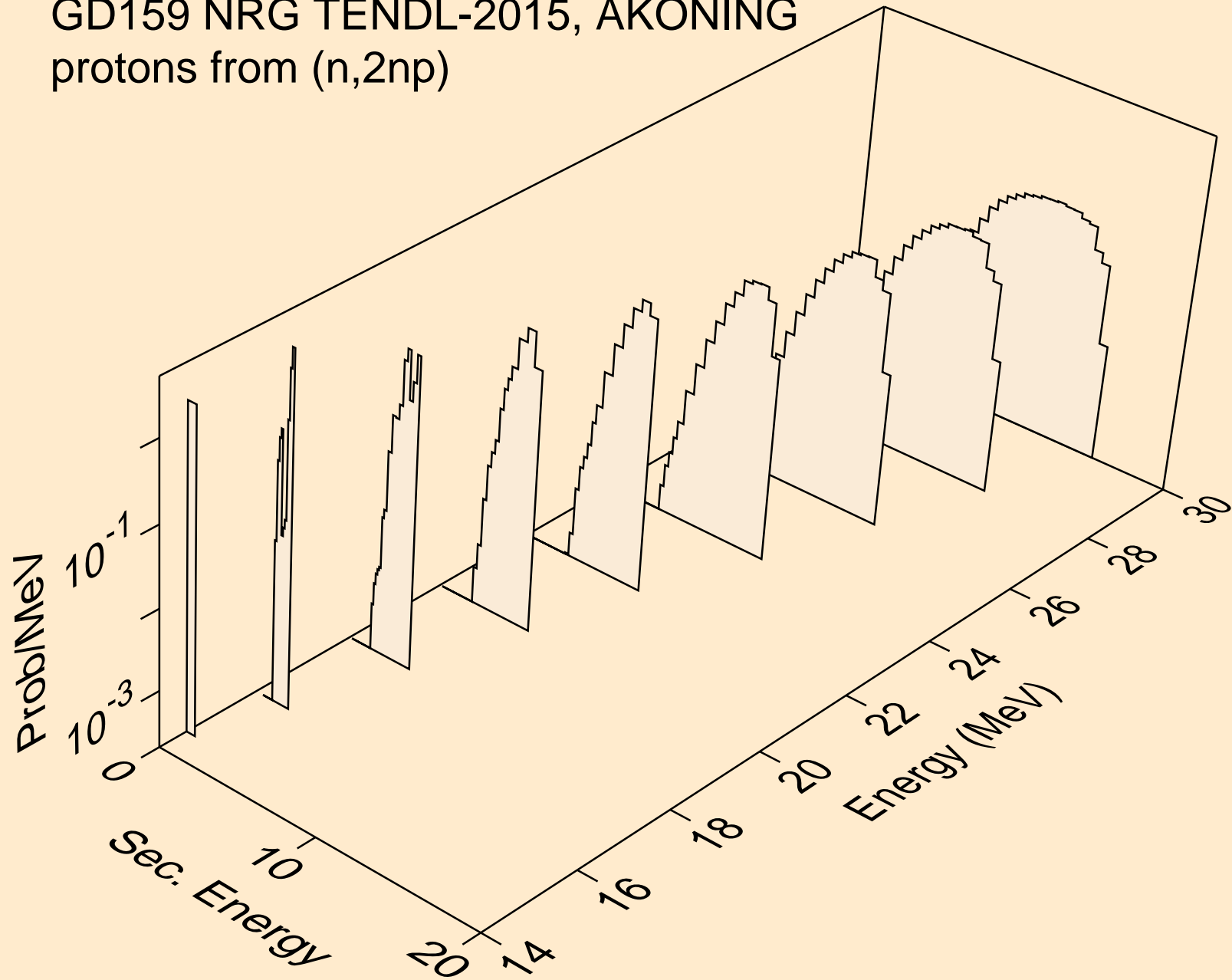
GD159 NRG TENDL-2015, AKONING  
protons from (n,x)



GD159 NRG TENDL-2015, AKONING  
protons from (n,n\*)p

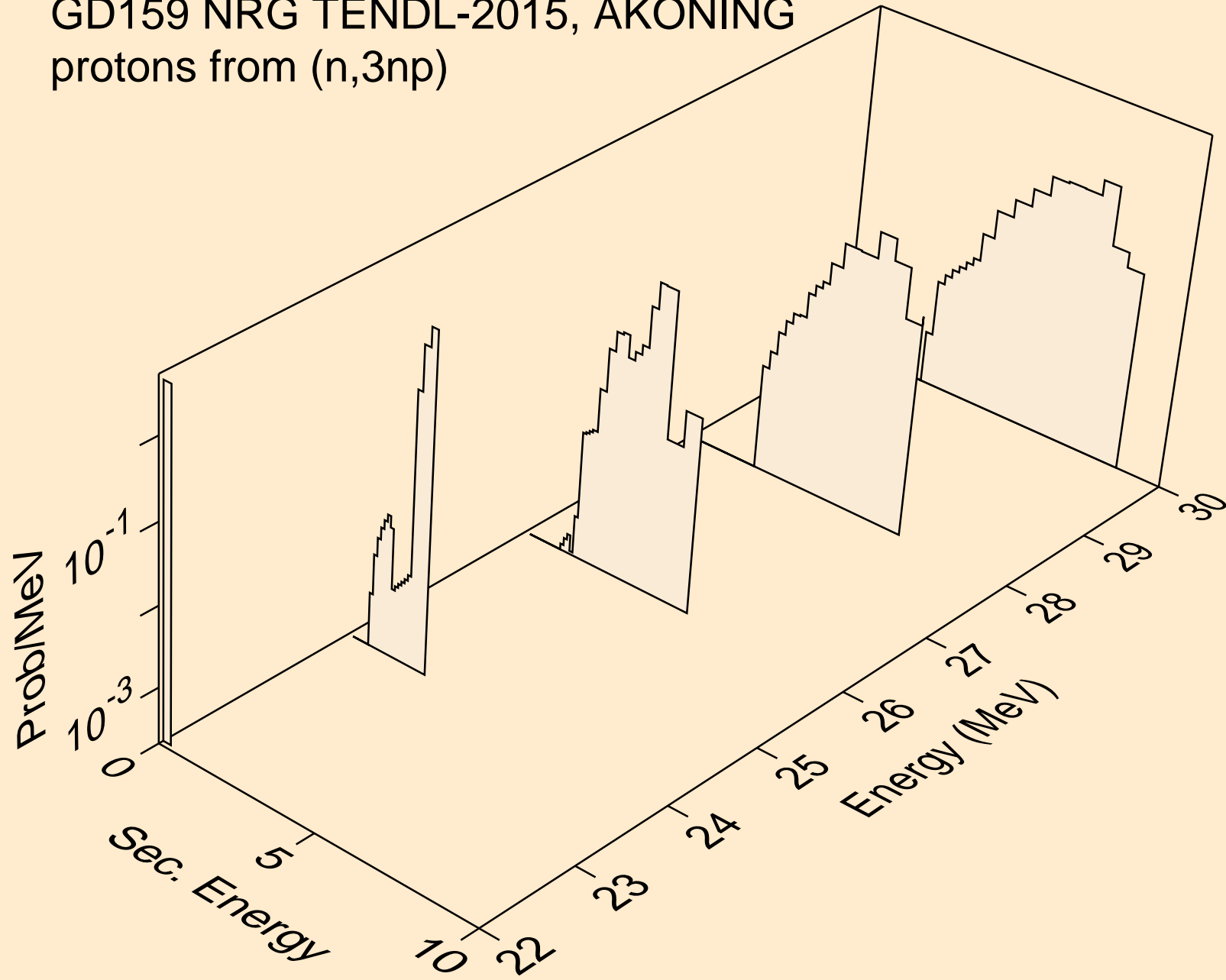


GD159 NRG TENDL-2015, AKONING  
protons from (n,2np)

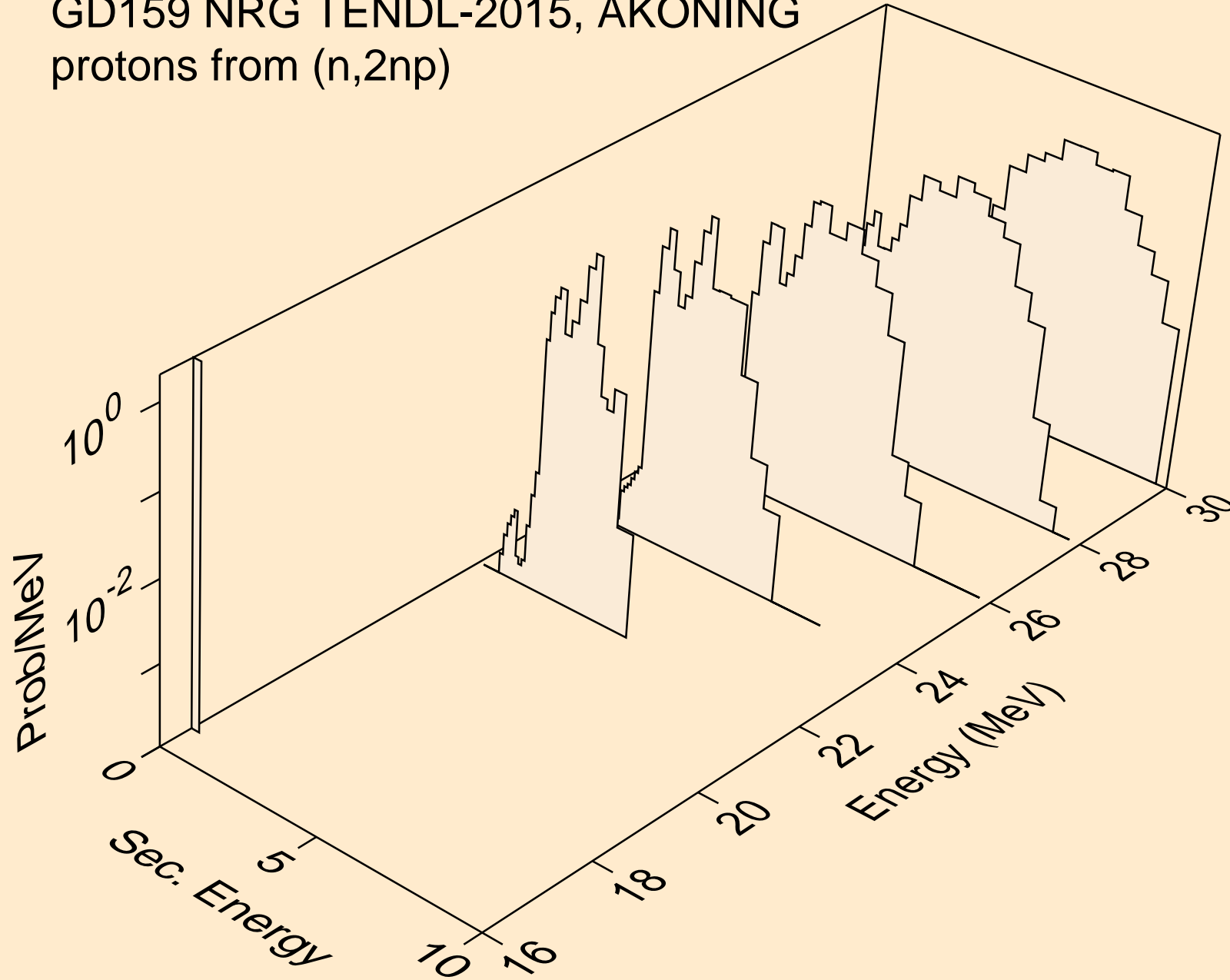




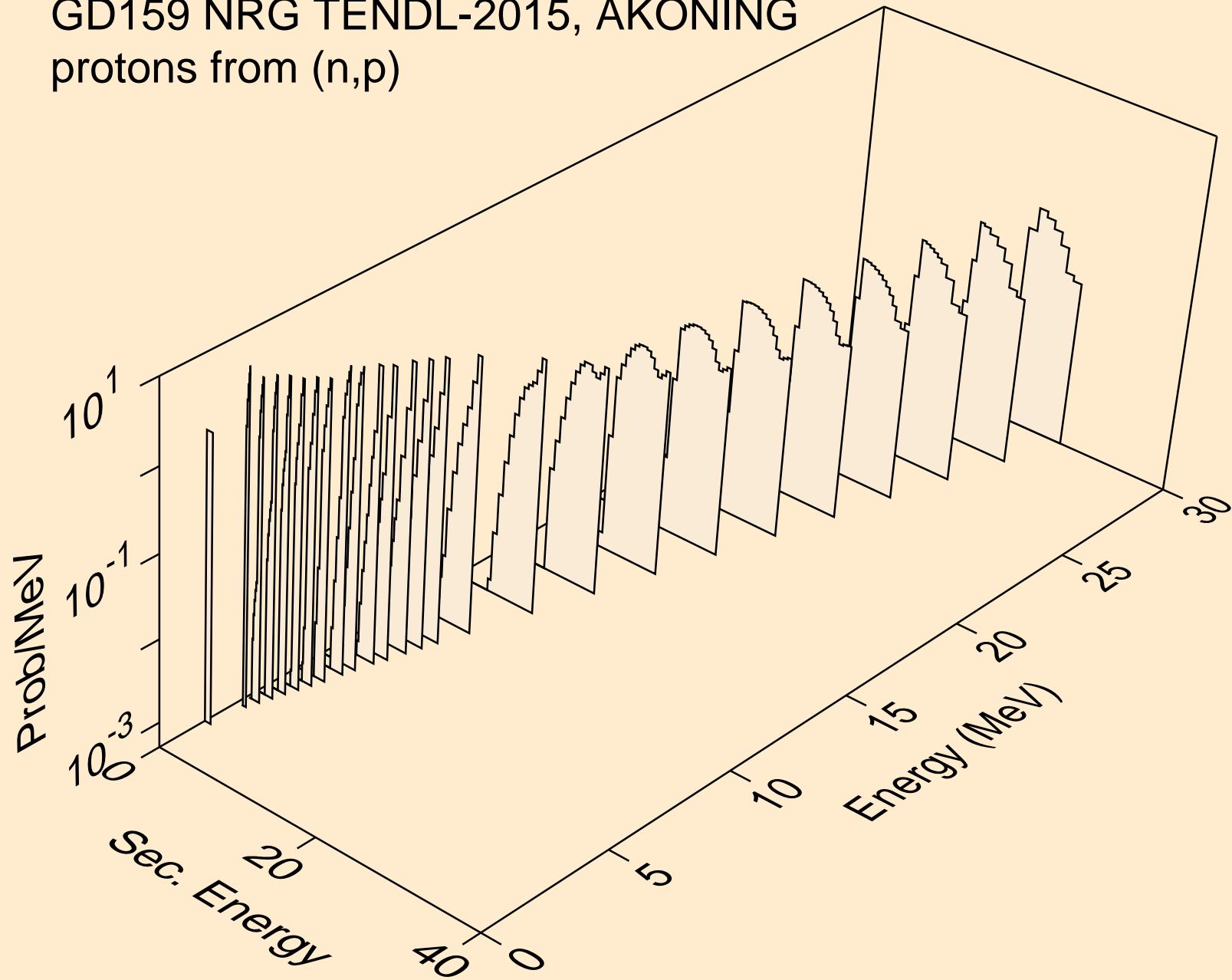
GD159 NRG TENDL-2015, AKONING  
protons from (n,3np)



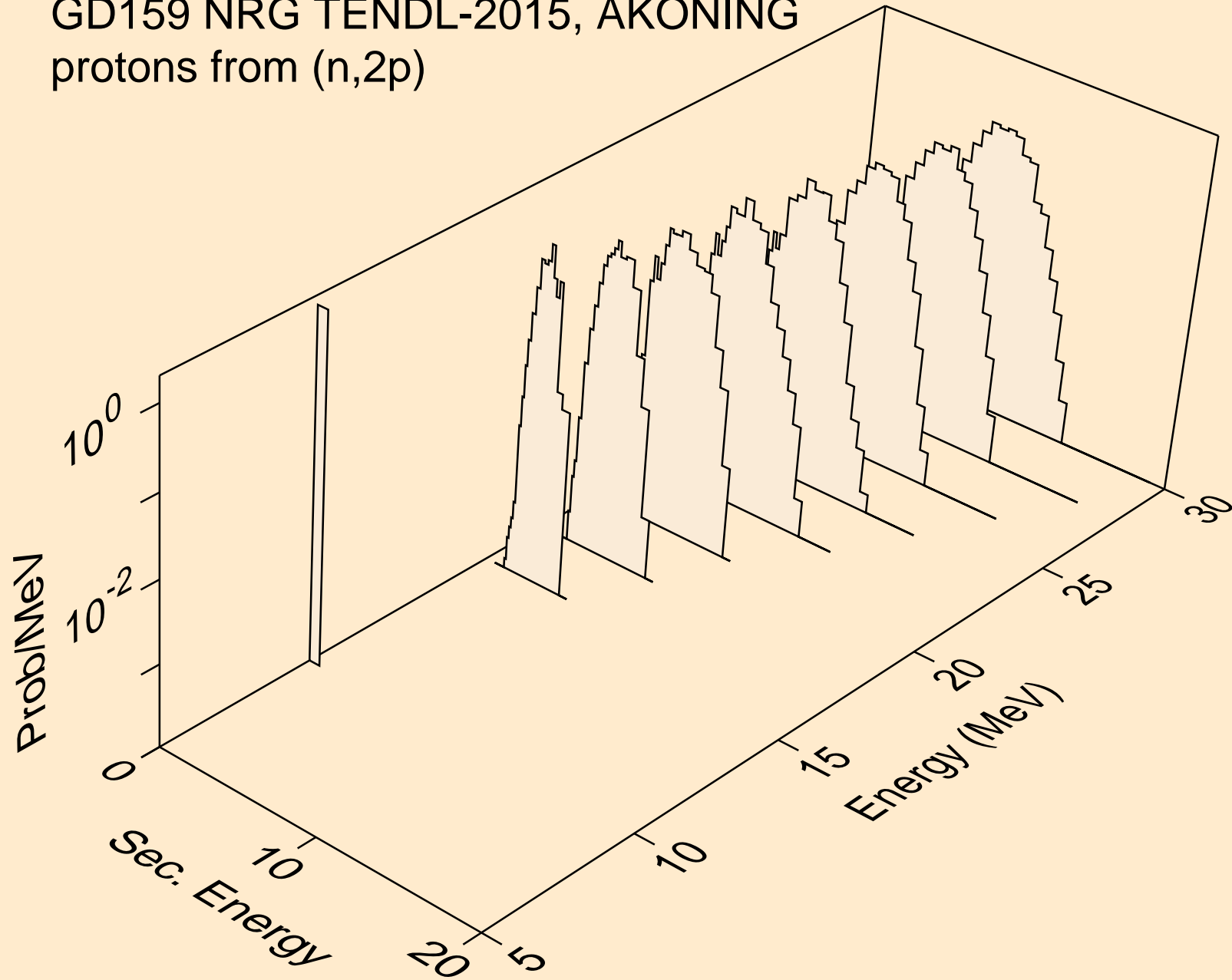
GD159 NRG TENDL-2015, AKONING  
protons from (n,2np)



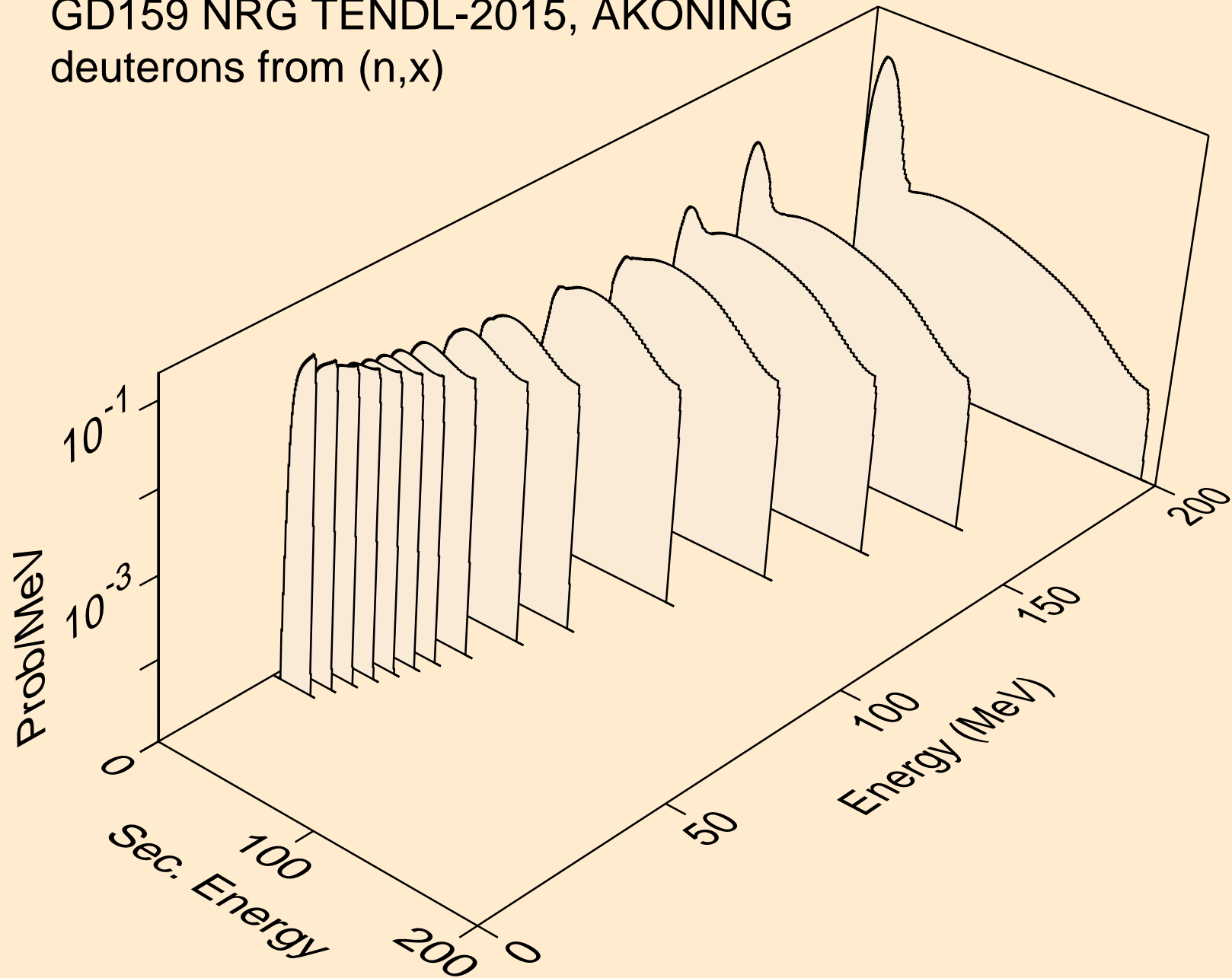
GD159 NRG TENDL-2015, AKONING  
protons from (n,p)



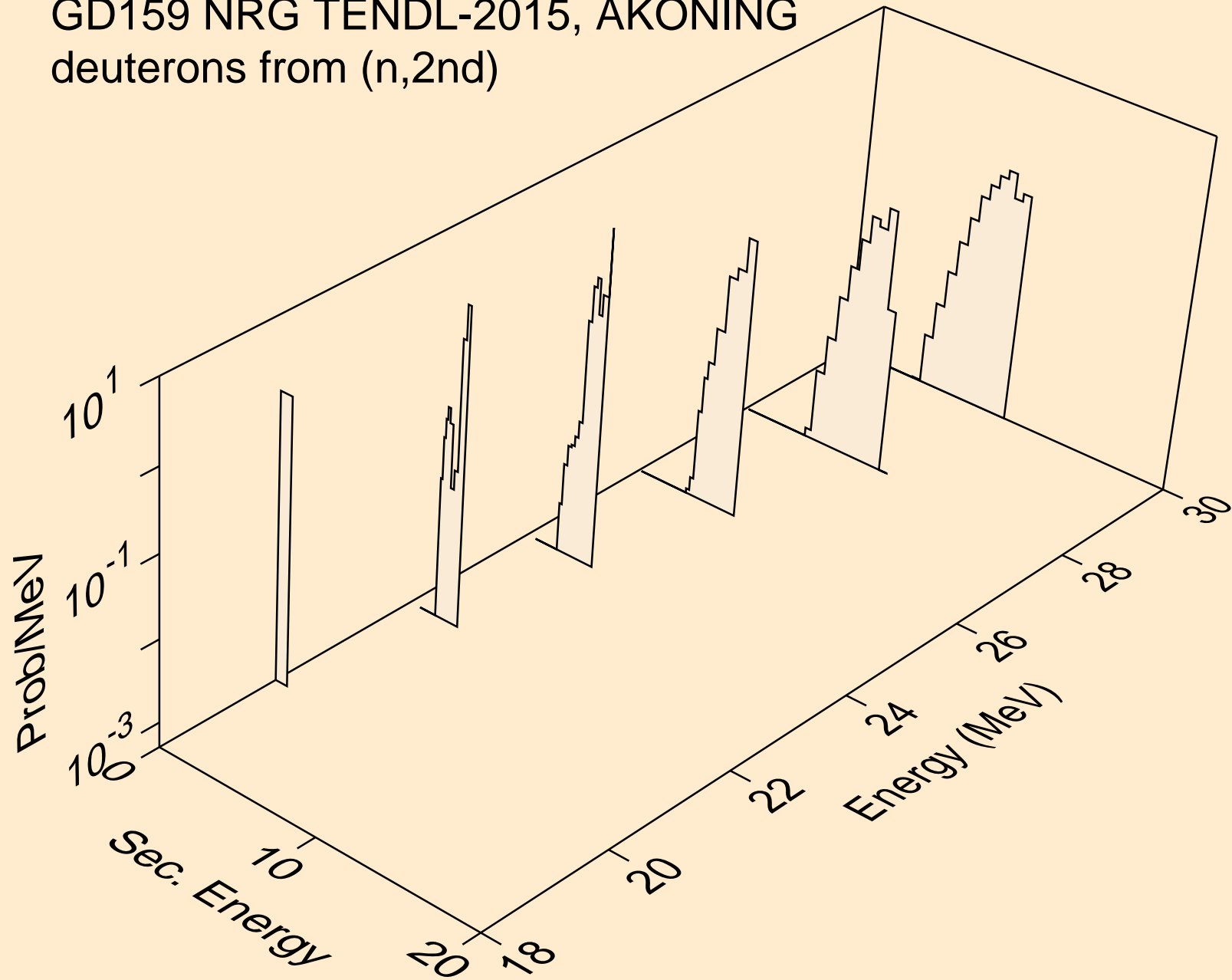
GD159 NRG TENDL-2015, AKONING  
protons from (n,2p)



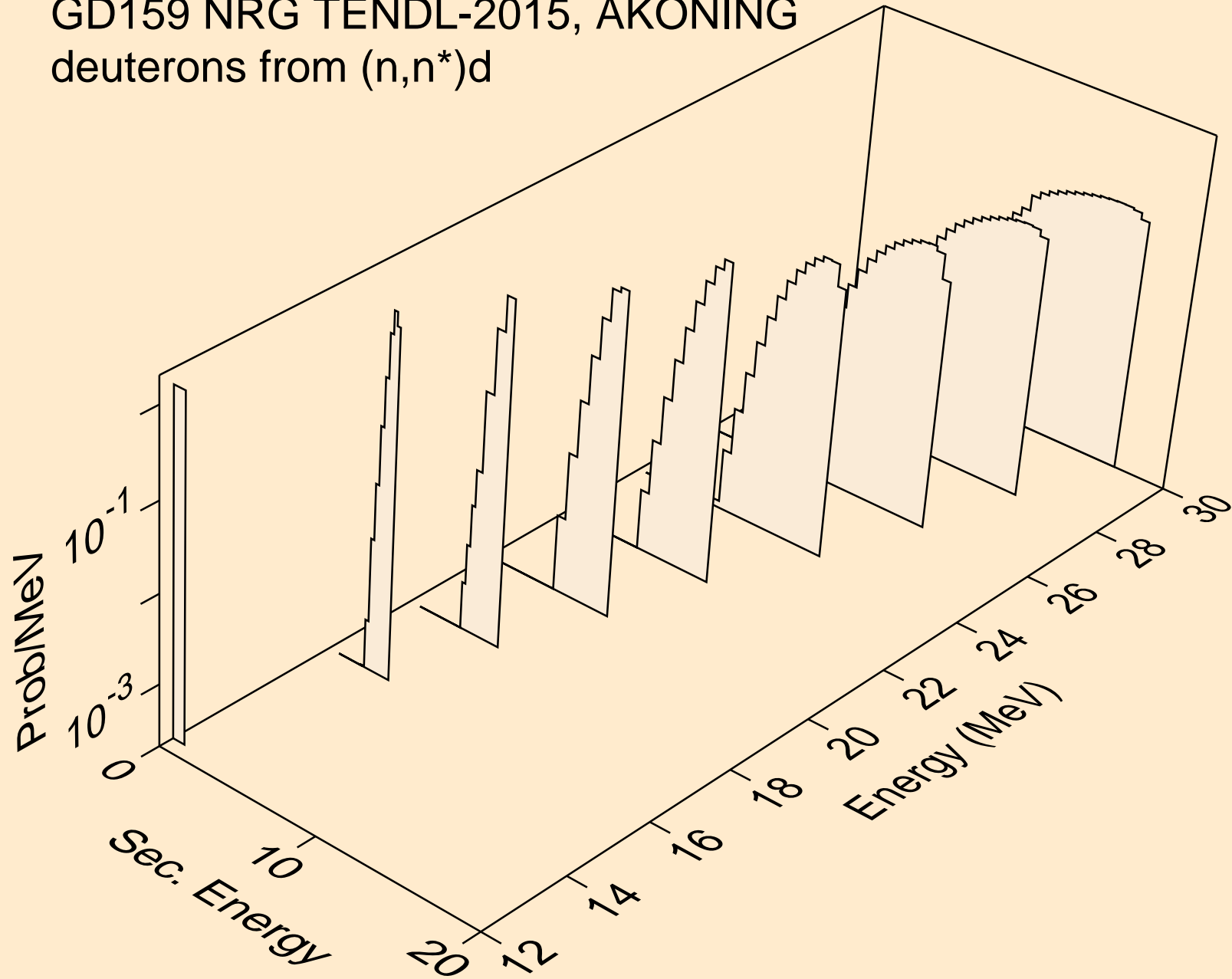
GD159 NRG TENDL-2015, AKONING  
deuterons from (n,x)



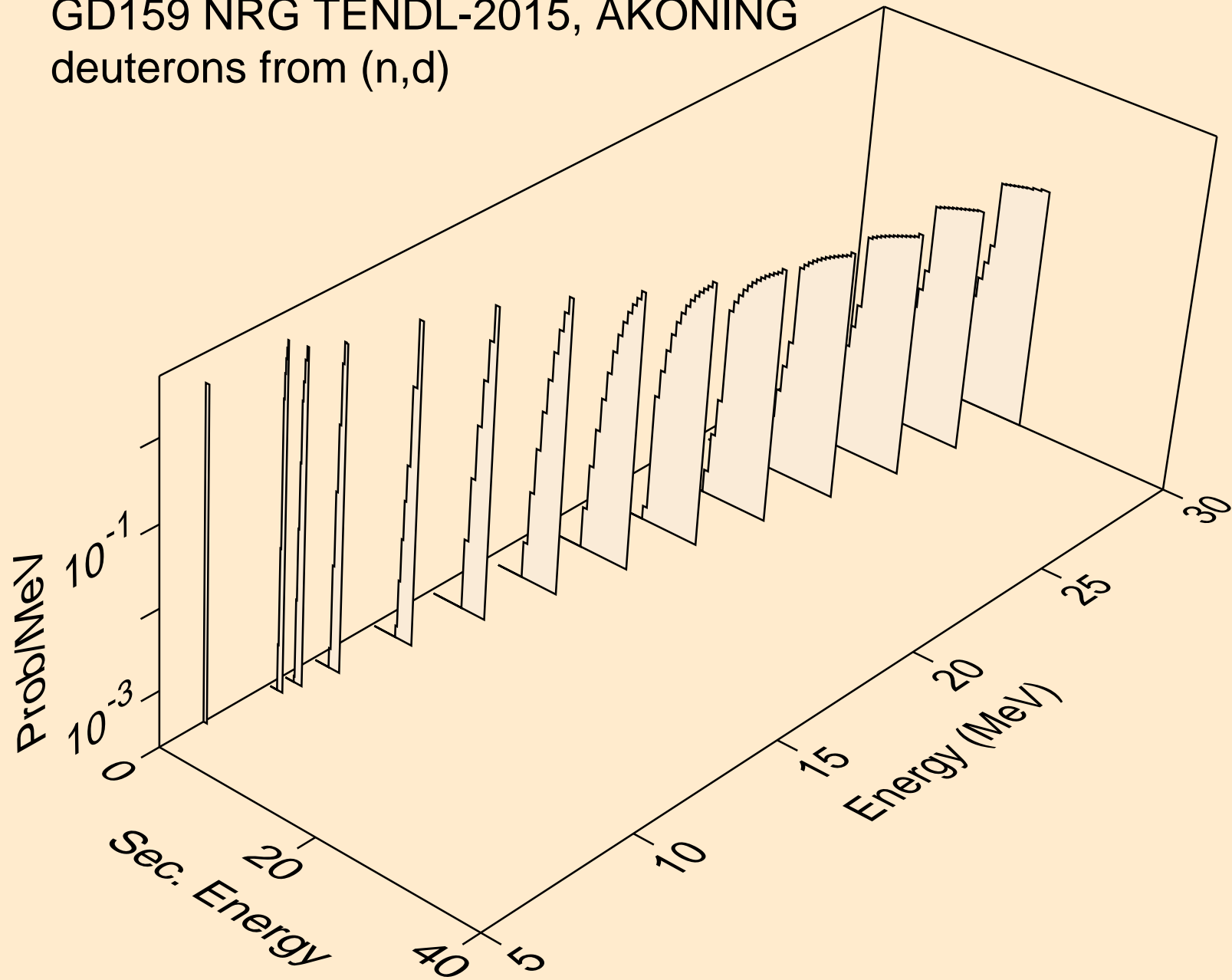
GD159 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



GD159 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d

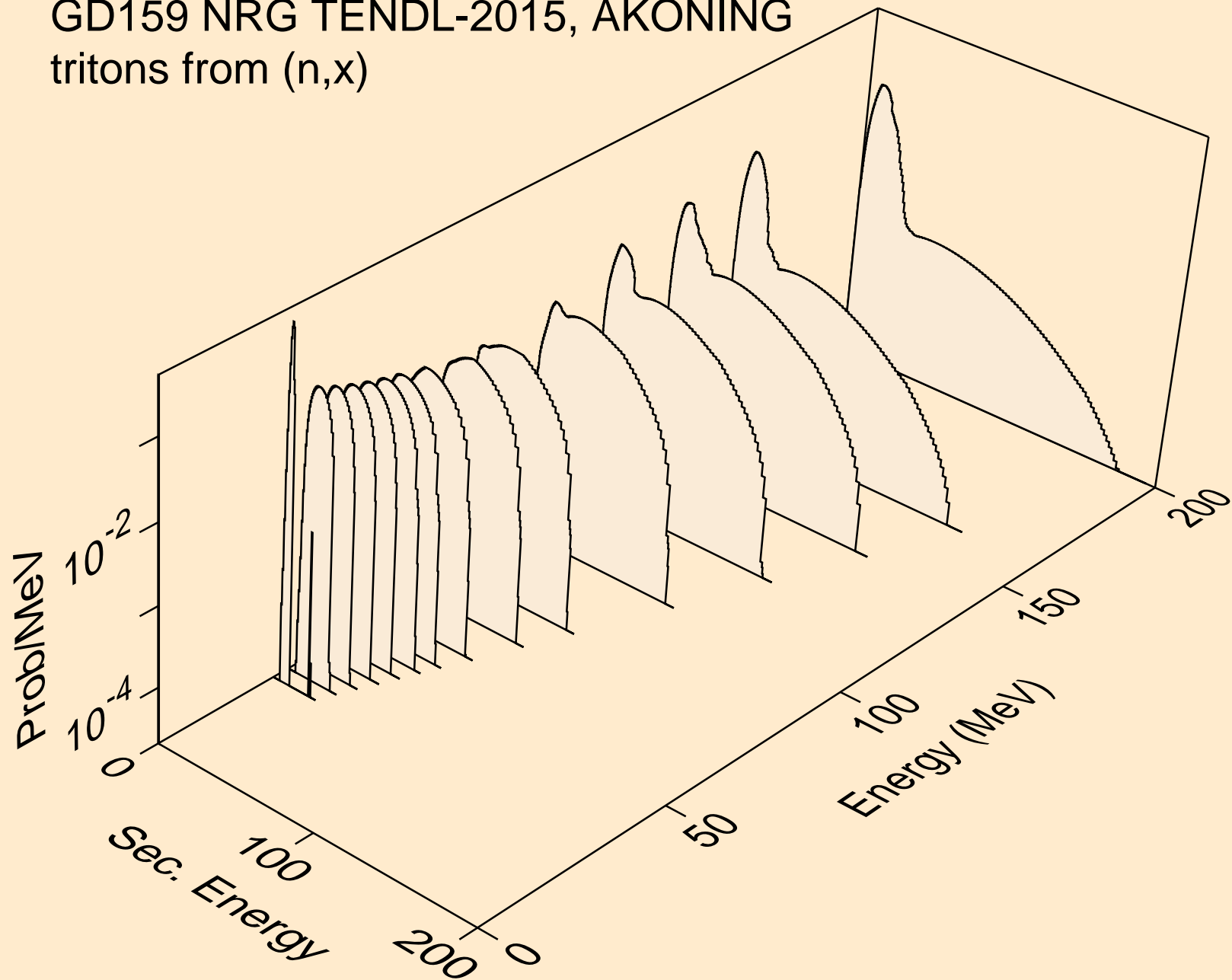


GD159 NRG TENDL-2015, AKONING  
deuterons from (n,d)

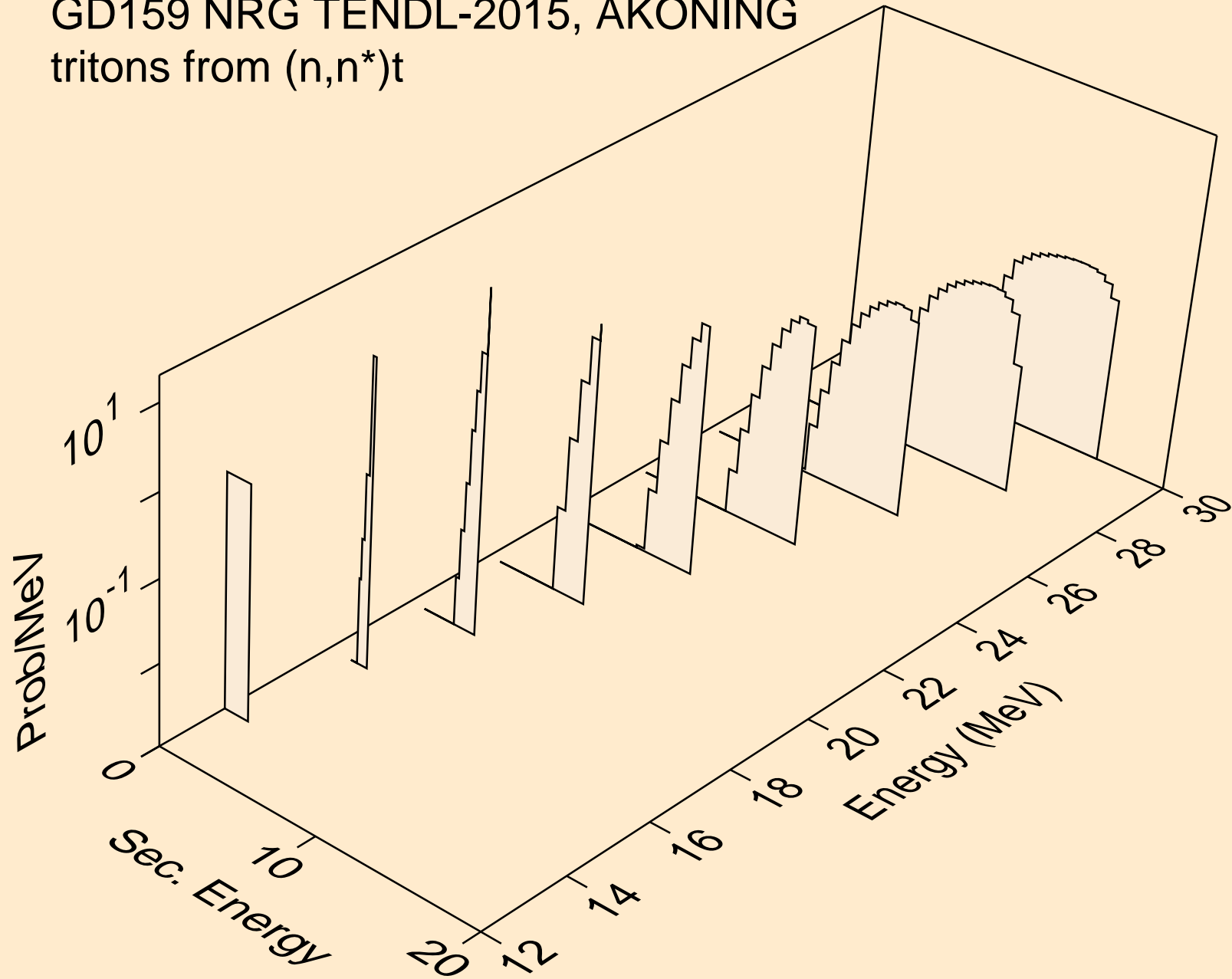




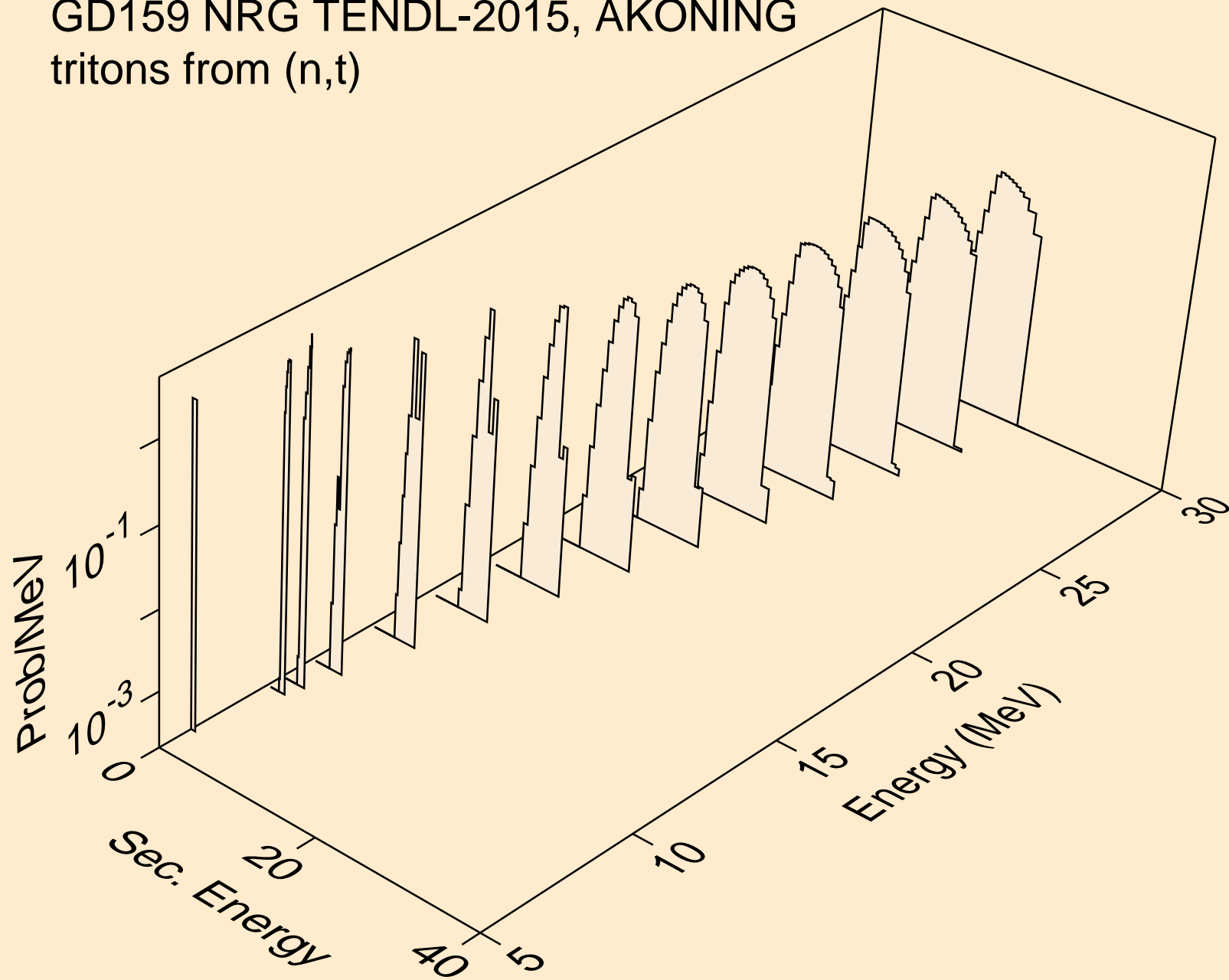
GD159 NRG TENDL-2015, AKONING  
tritons from (n,x)



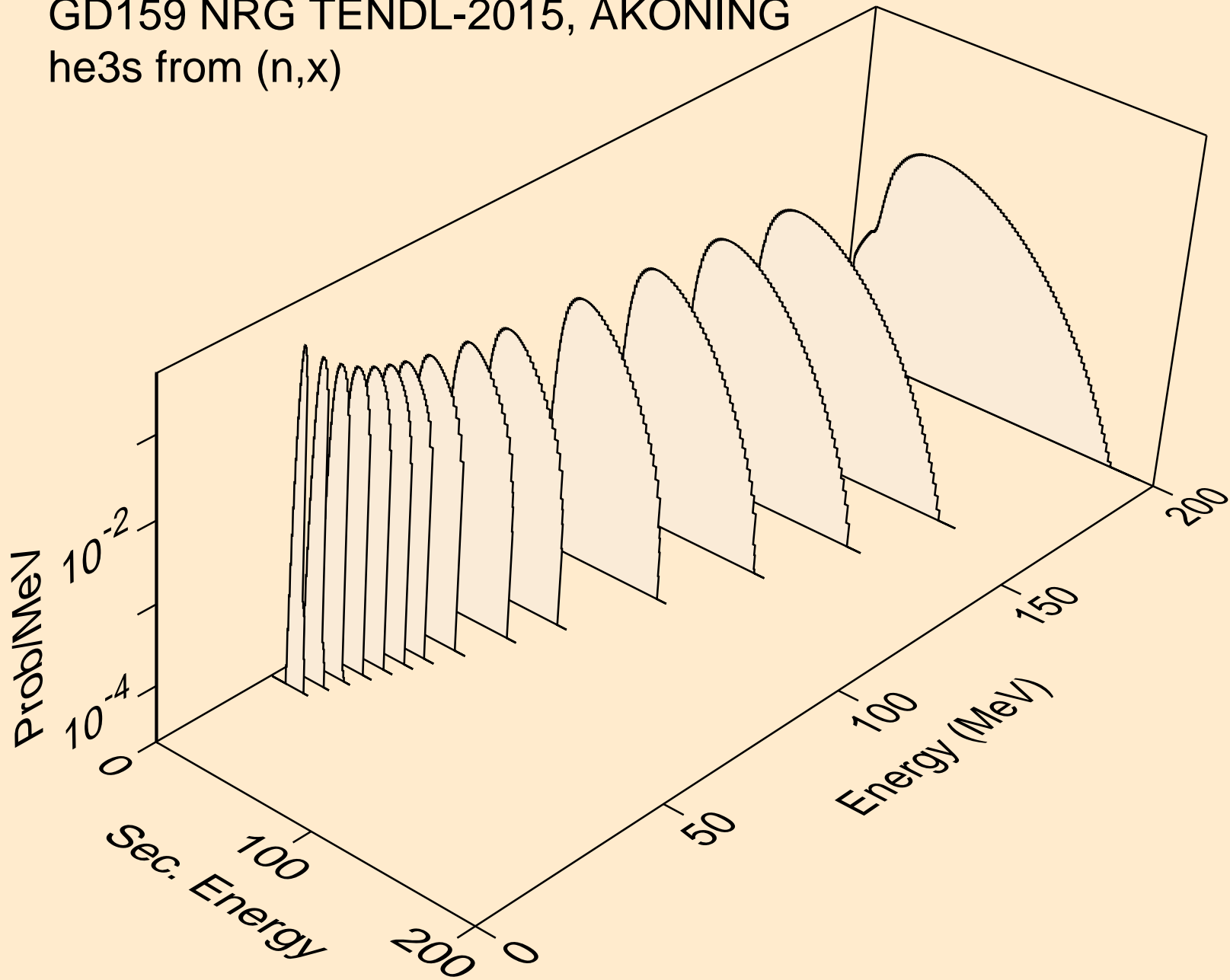
GD159 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



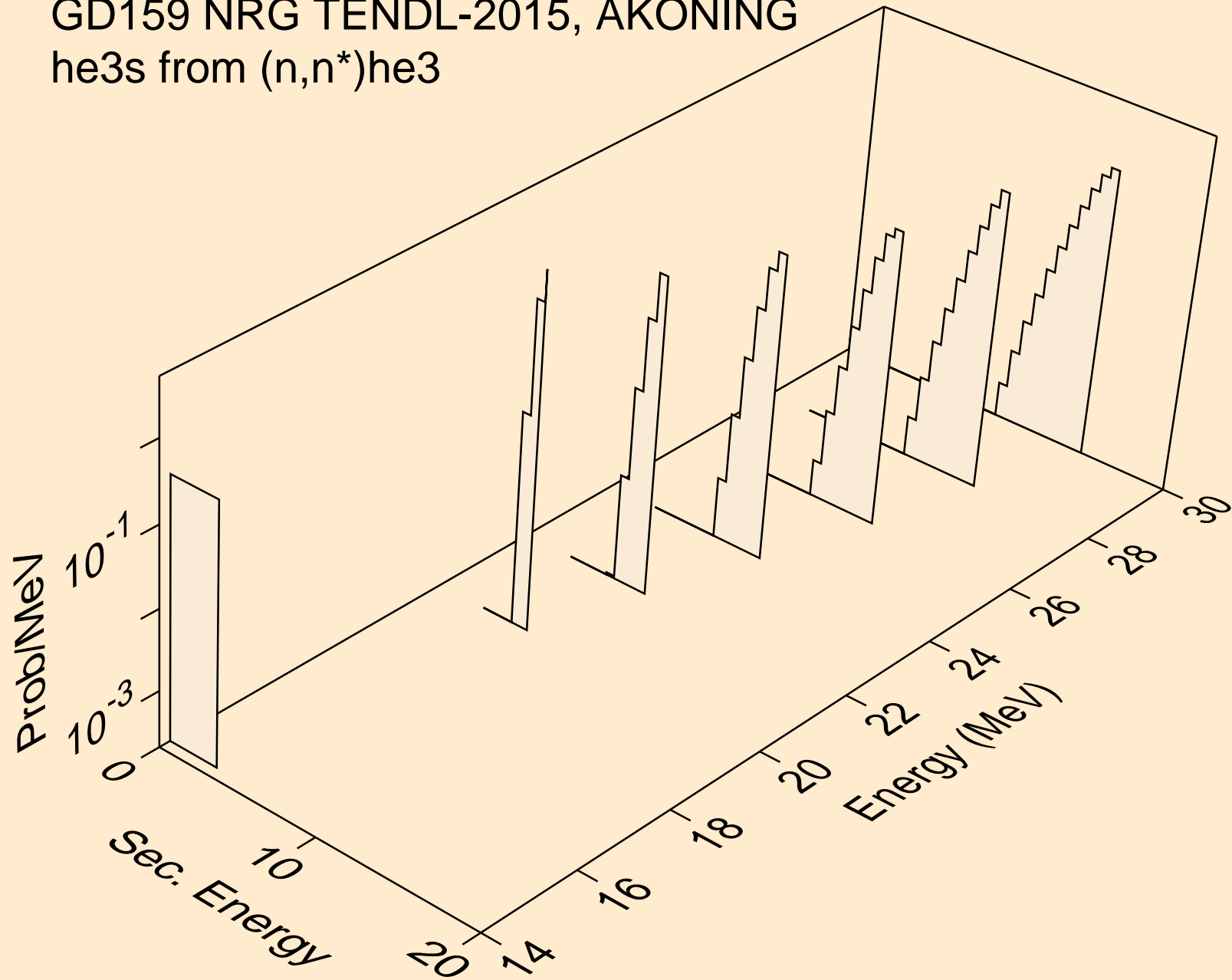
GD159 NRG TENDL-2015, AKONING  
tritons from (n,t)



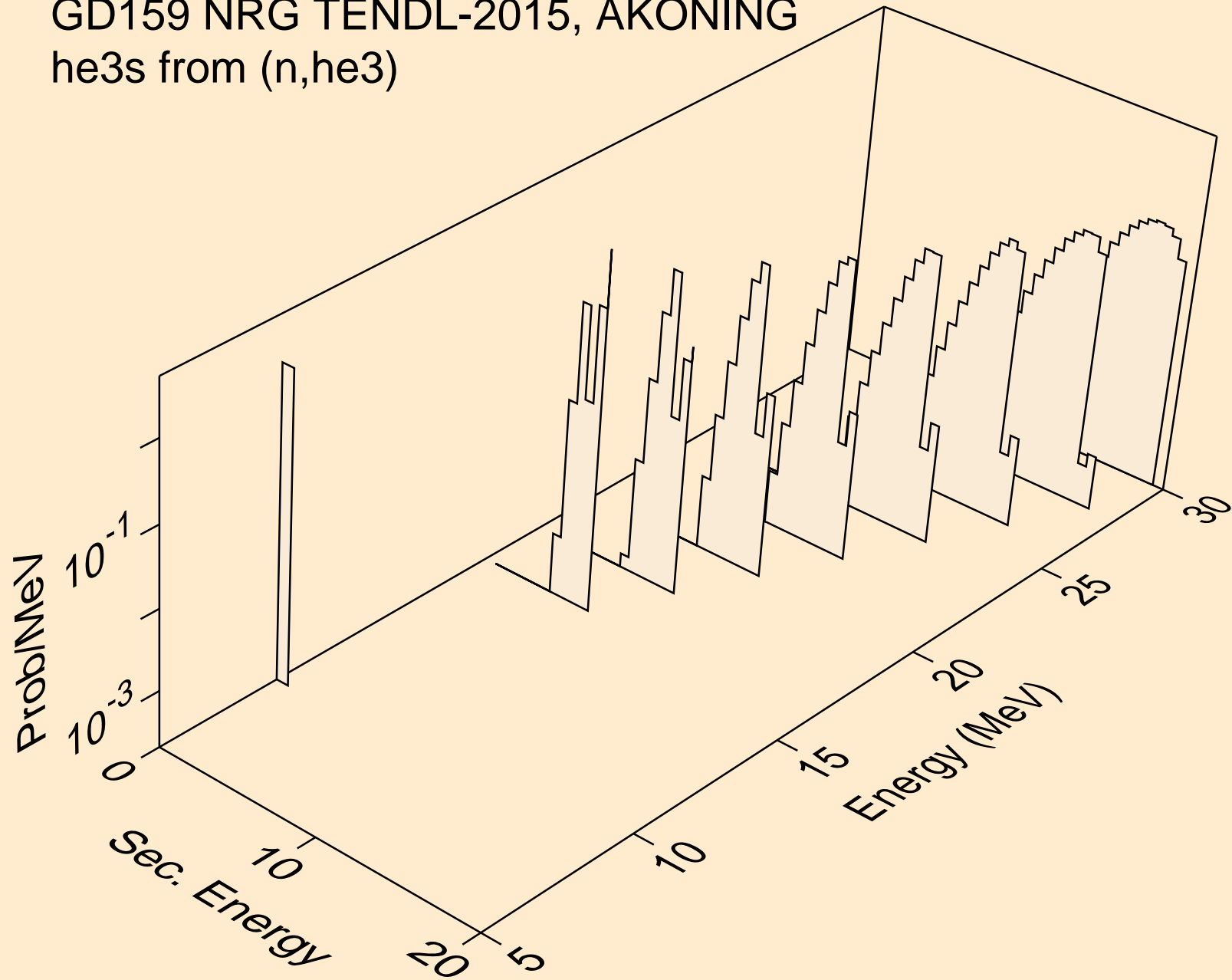
GD159 NRG TENDL-2015, AKONING  
he3s from (n,x)



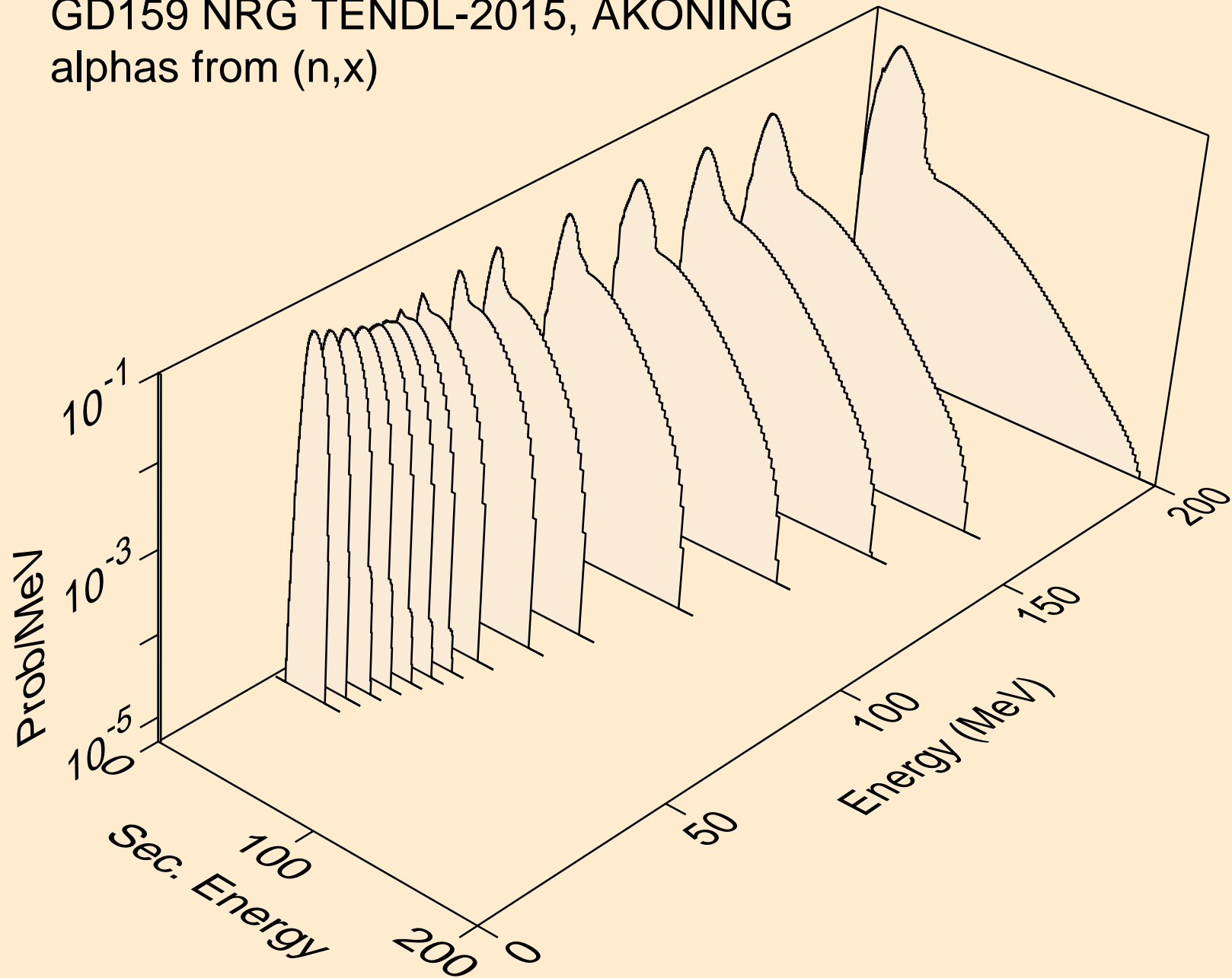
GD159 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



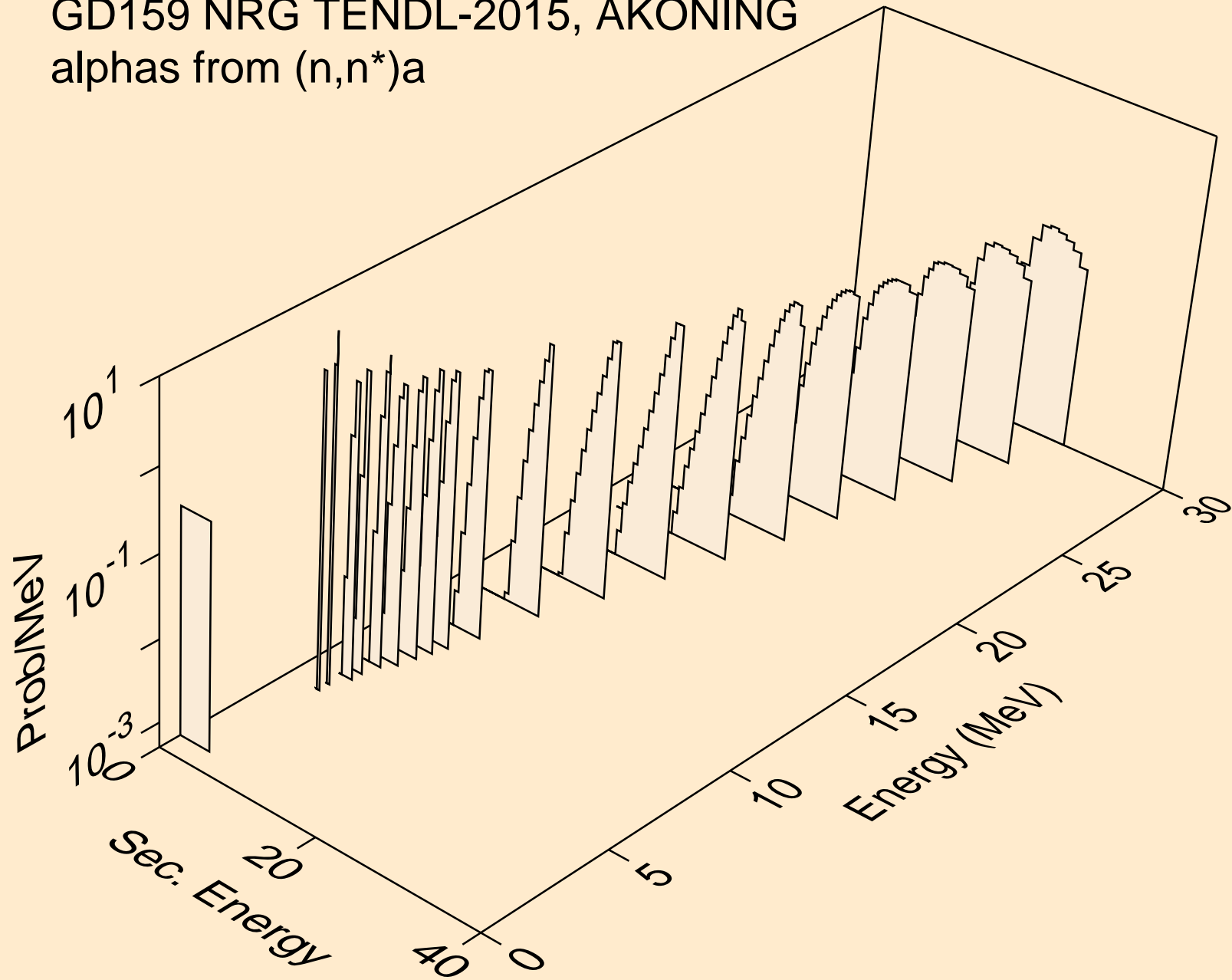
GD159 NRG TENDL-2015, AKONING  
he3s from (n,he3)



GD159 NRG TENDL-2015, AKONING  
alphas from (n,x)

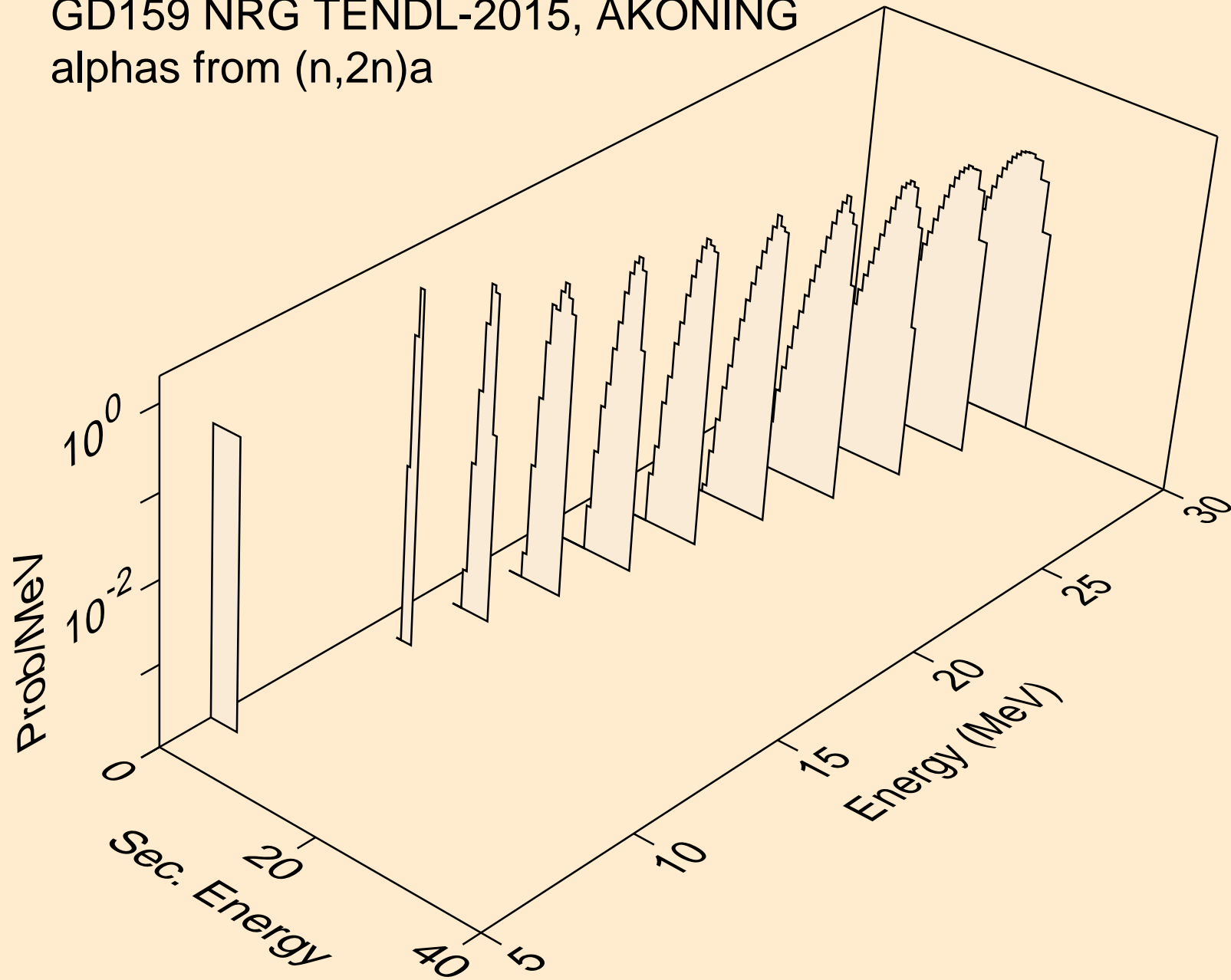


GD159 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a

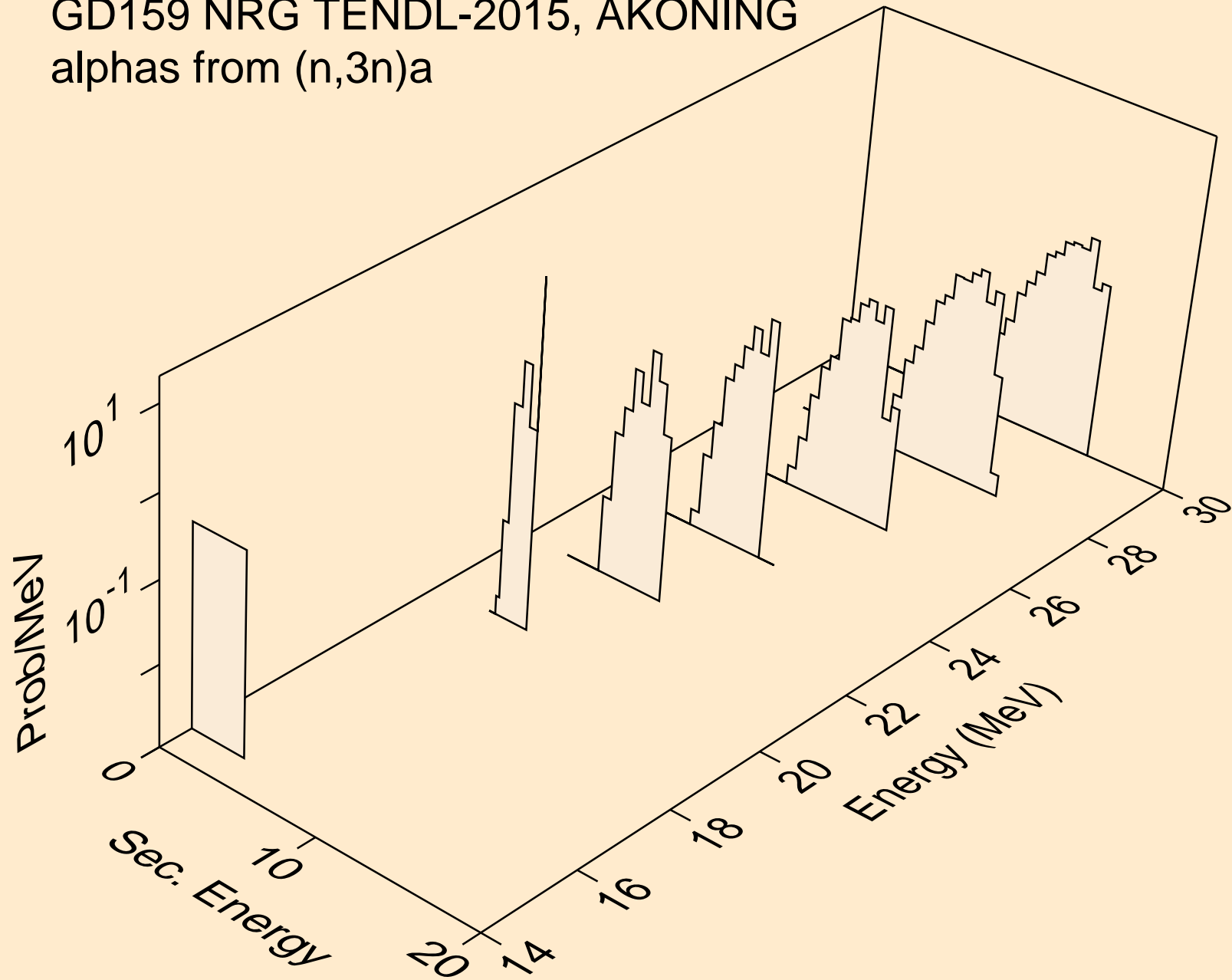




GD159 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



GD159 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



GD159 NRG TENDL-2015, AKONING  
alphas from (n,a)

