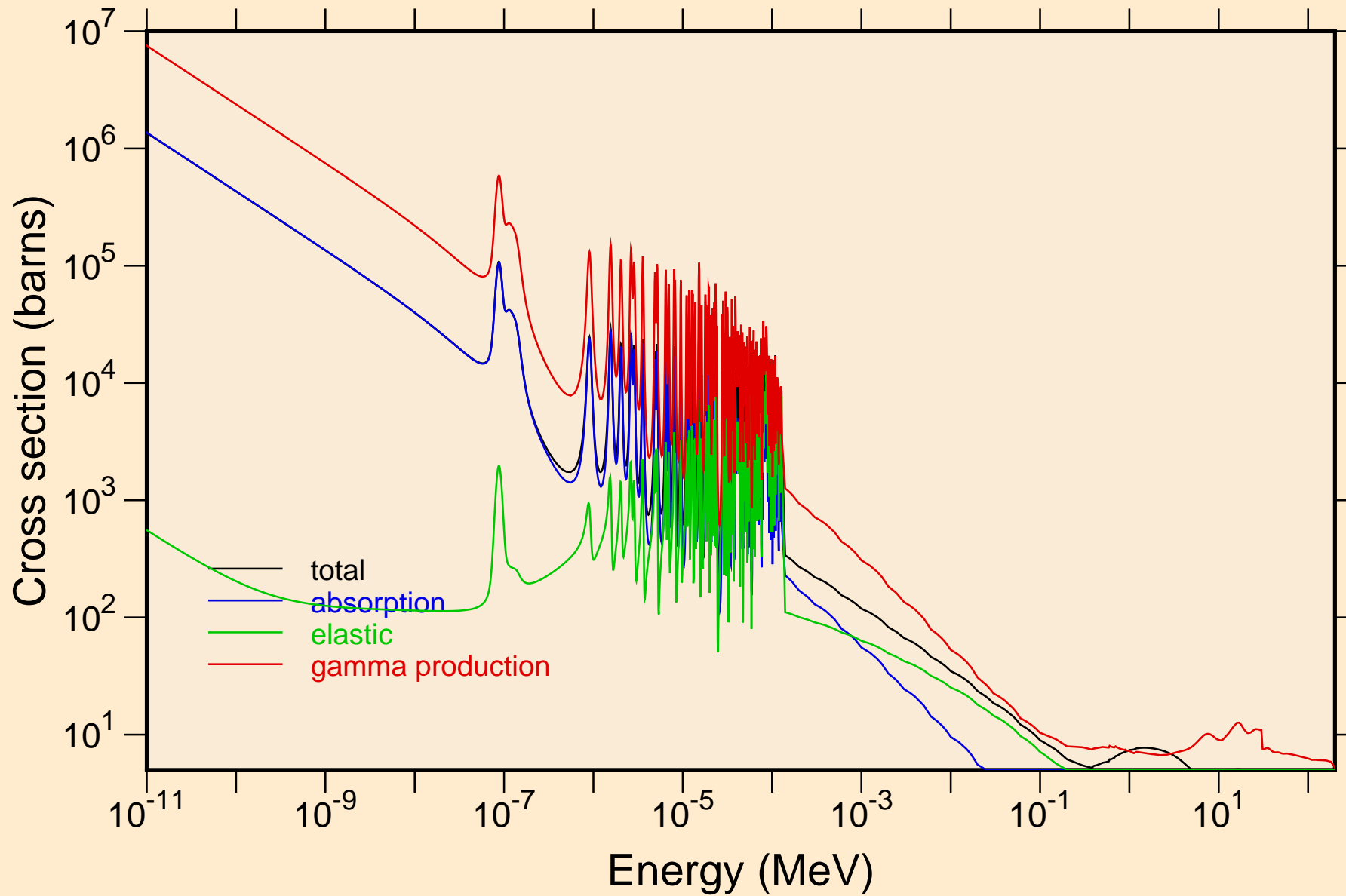
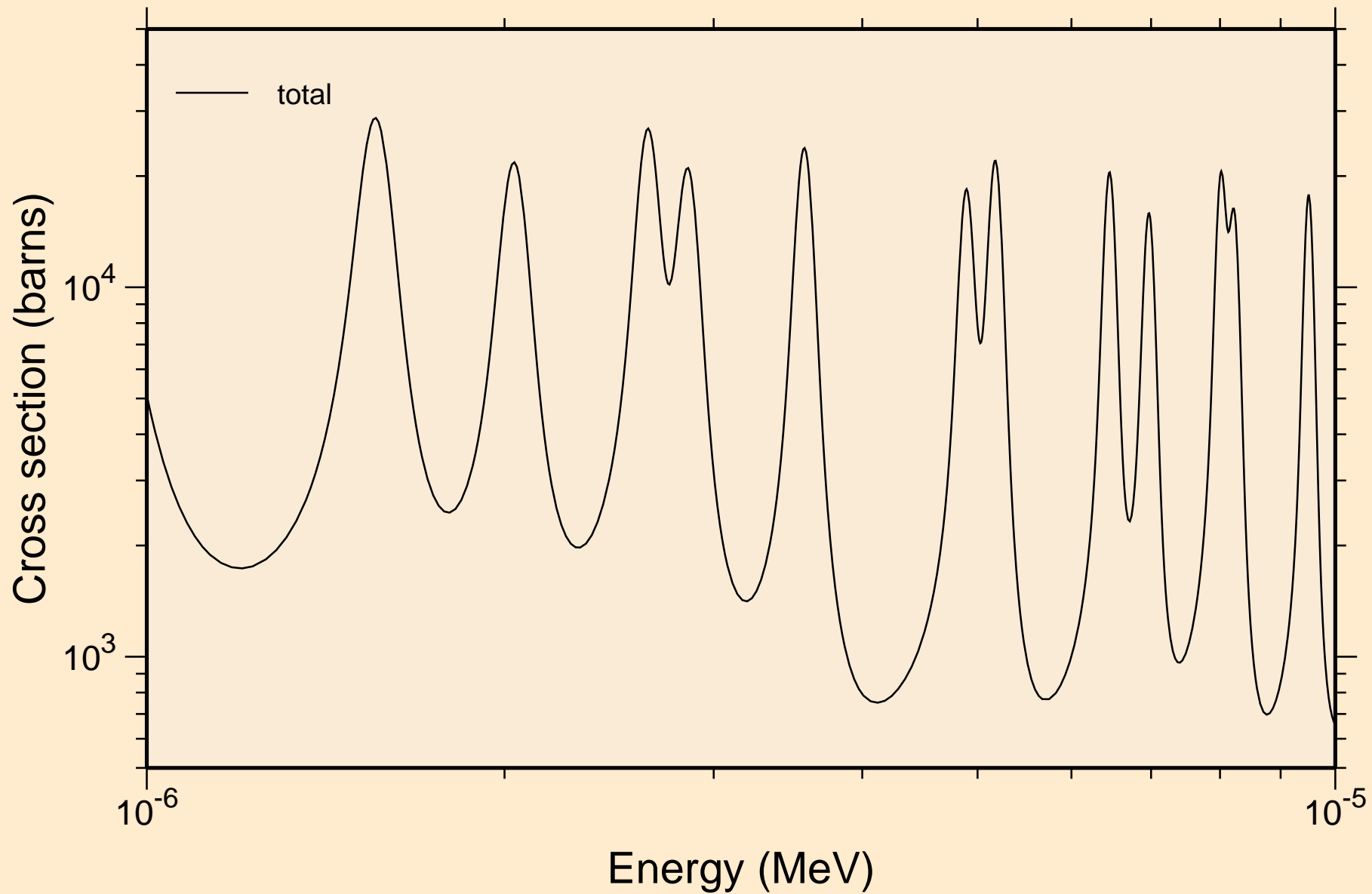


# GD151 NRG TENDL-2015, AKONING

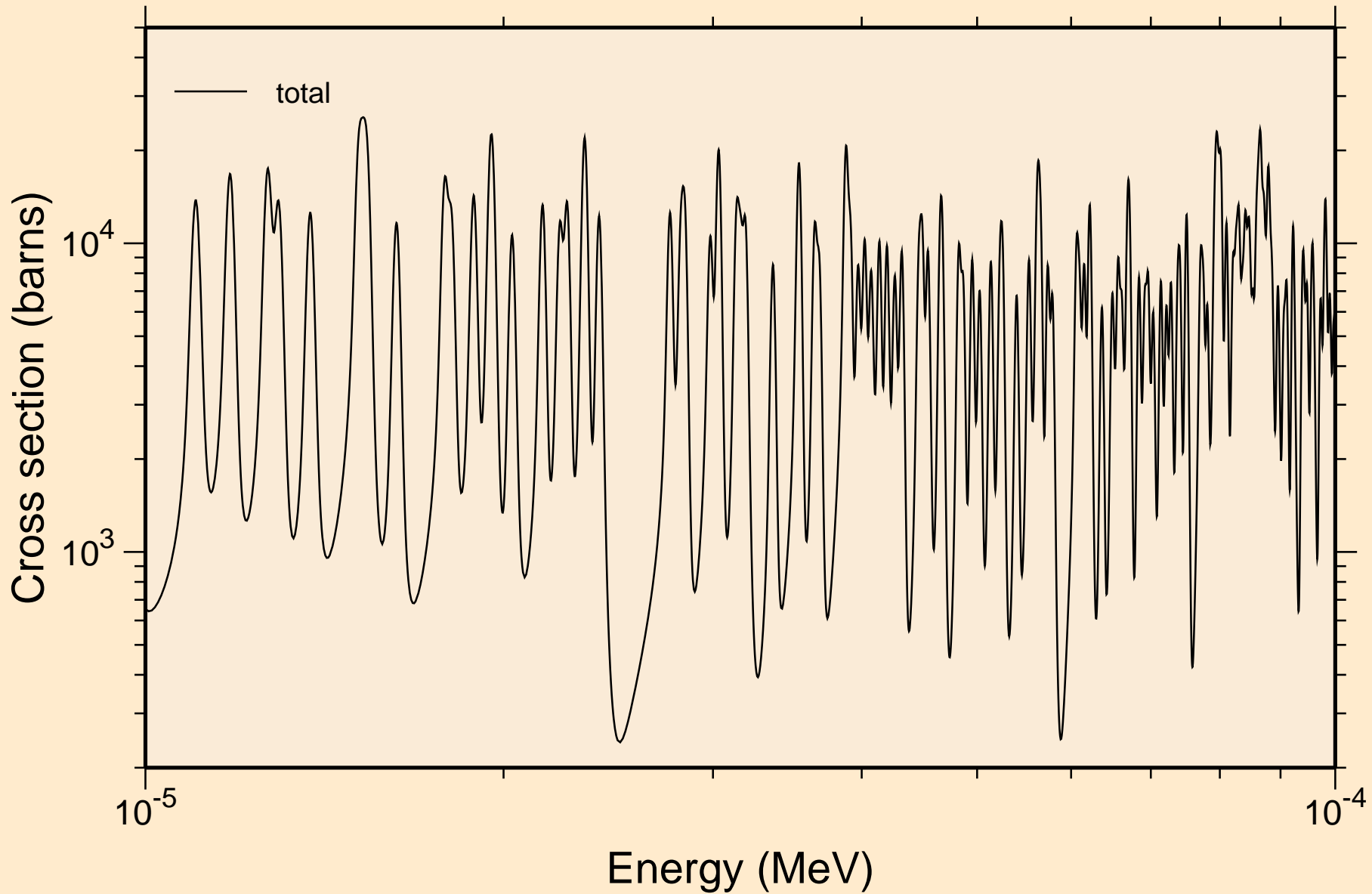
## Principal cross sections



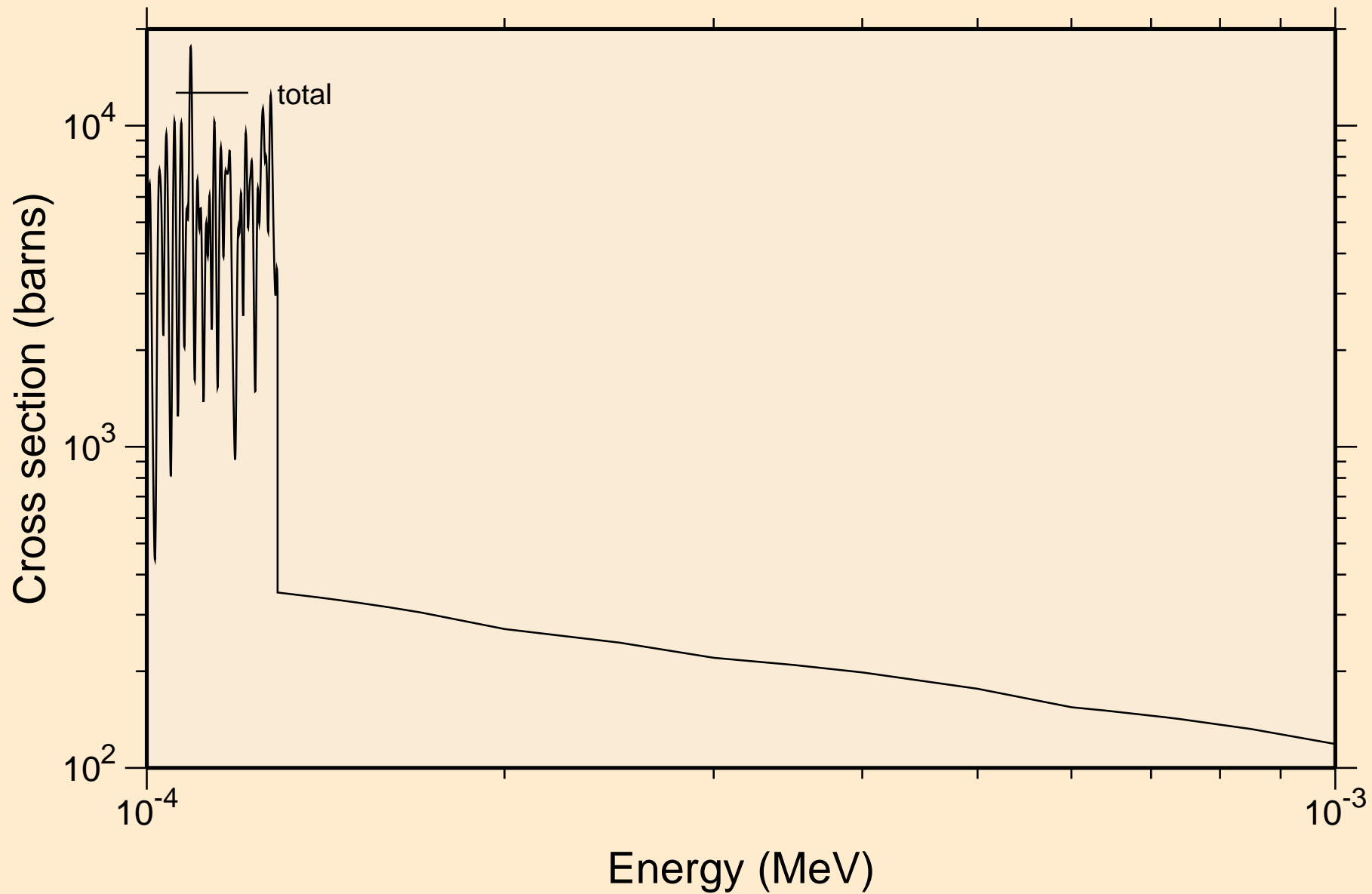
GD151 NRG TENDL-2015, AKONING  
resonance total cross section



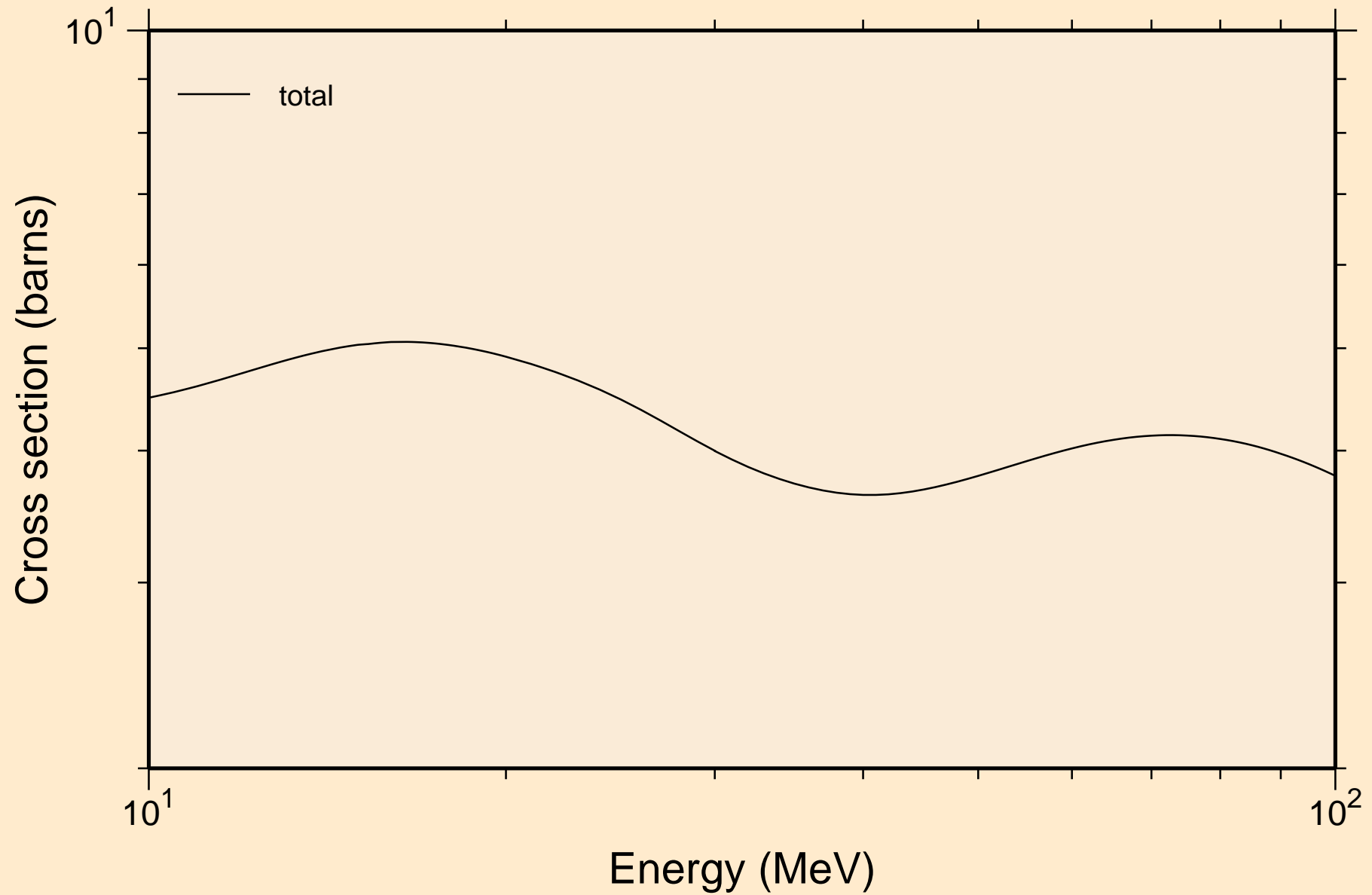
GD151 NRG TENDL-2015, AKONING  
resonance total cross section



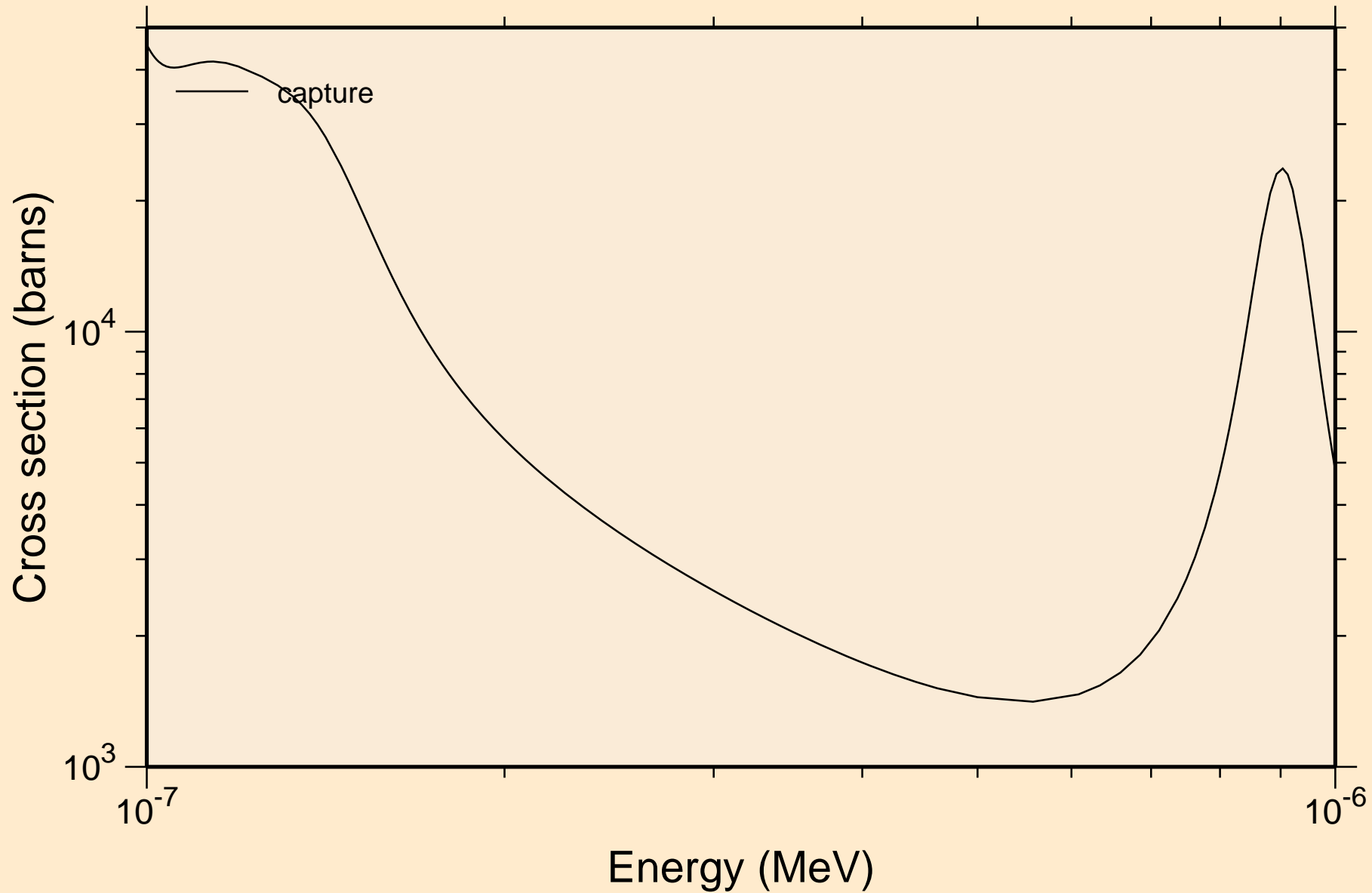
GD151 NRG TENDL-2015, AKONING  
resonance total cross section



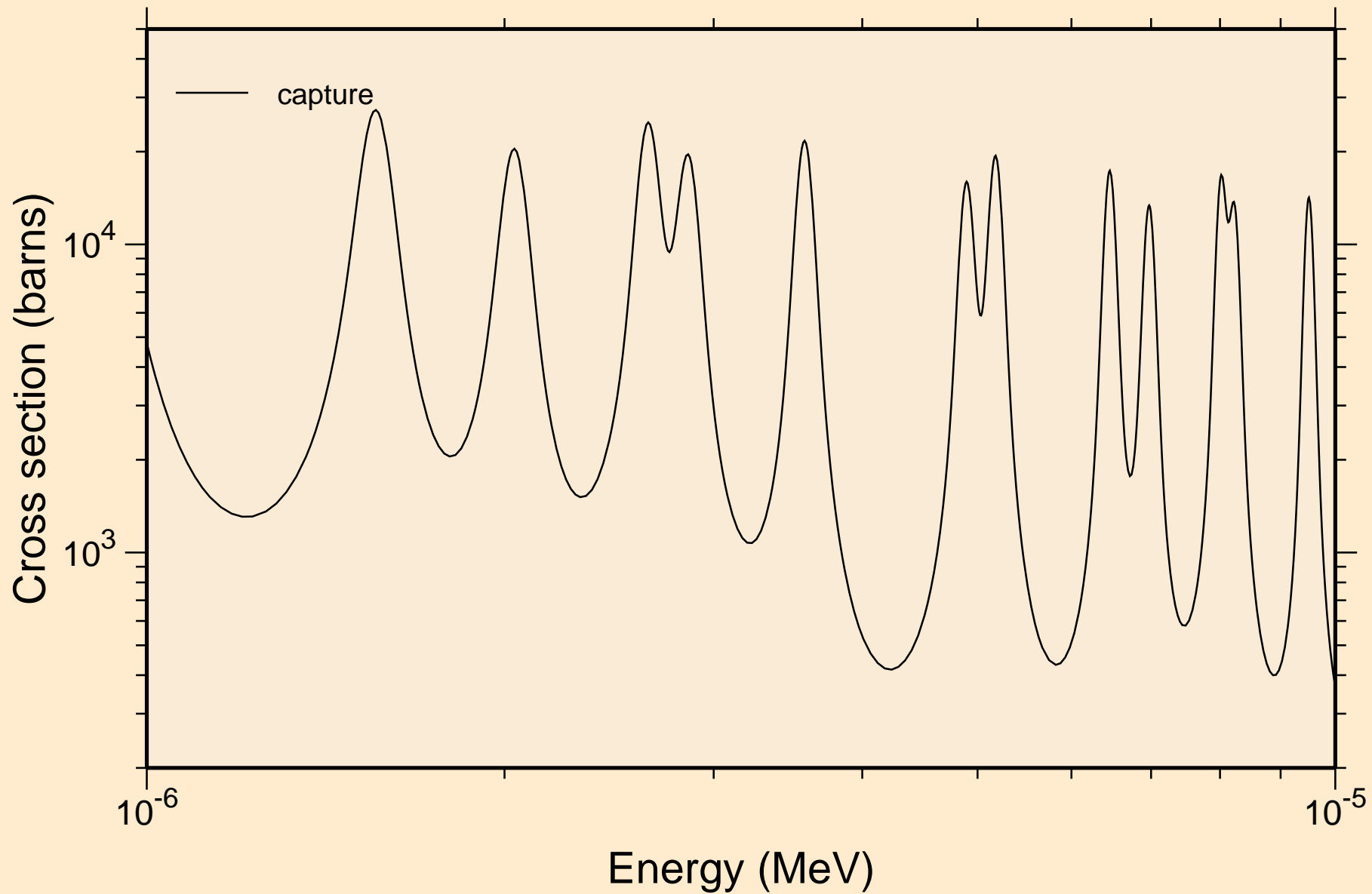
GD151 NRG TENDL-2015, AKONING  
resonance total cross section



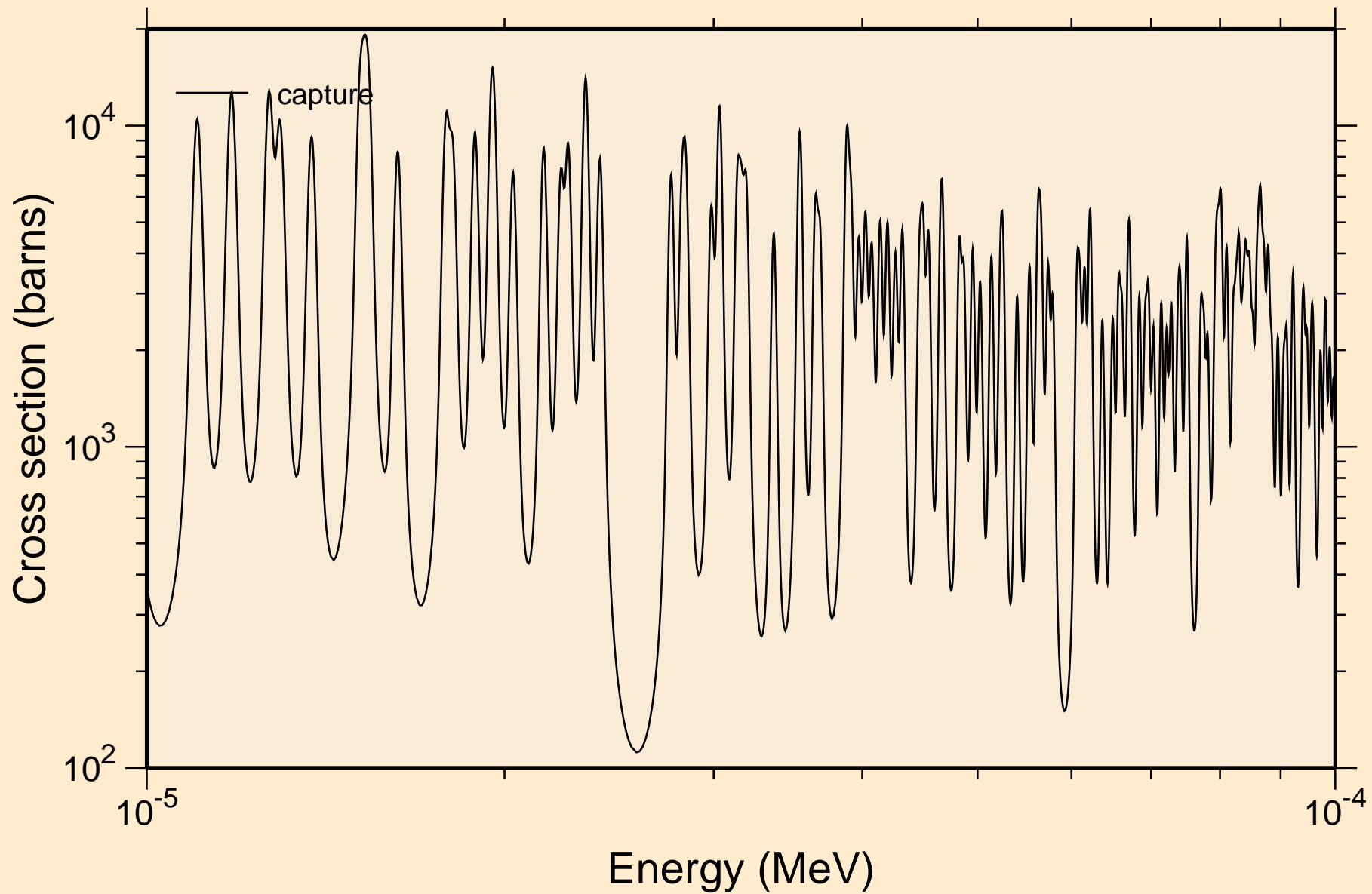
GD151 NRG TENDL-2015, AKONING  
resonance absorption cross sections



GD151 NRG TENDL-2015, AKONING  
resonance absorption cross sections

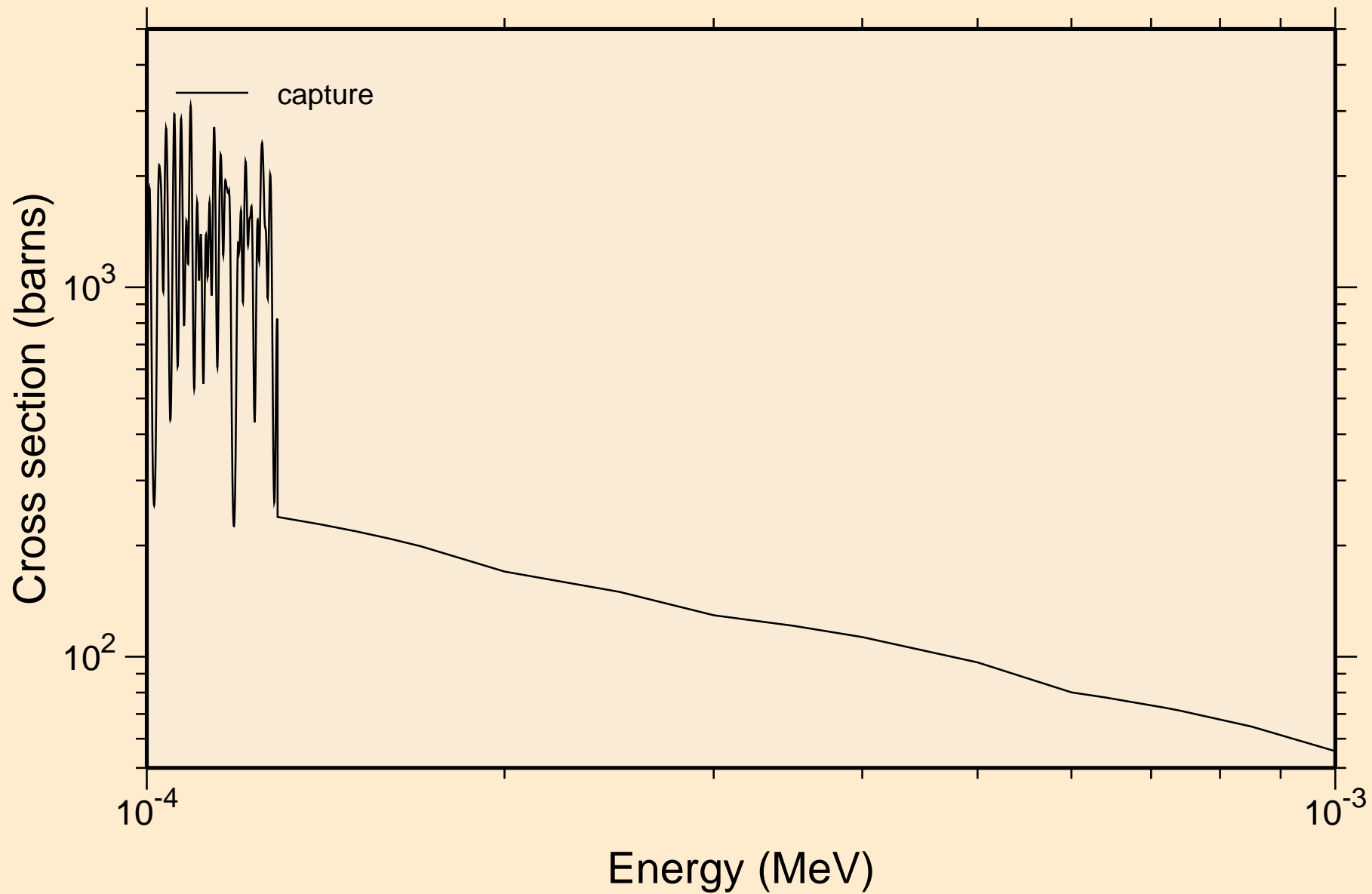


GD151 NRG TENDL-2015, AKONING  
resonance absorption cross sections

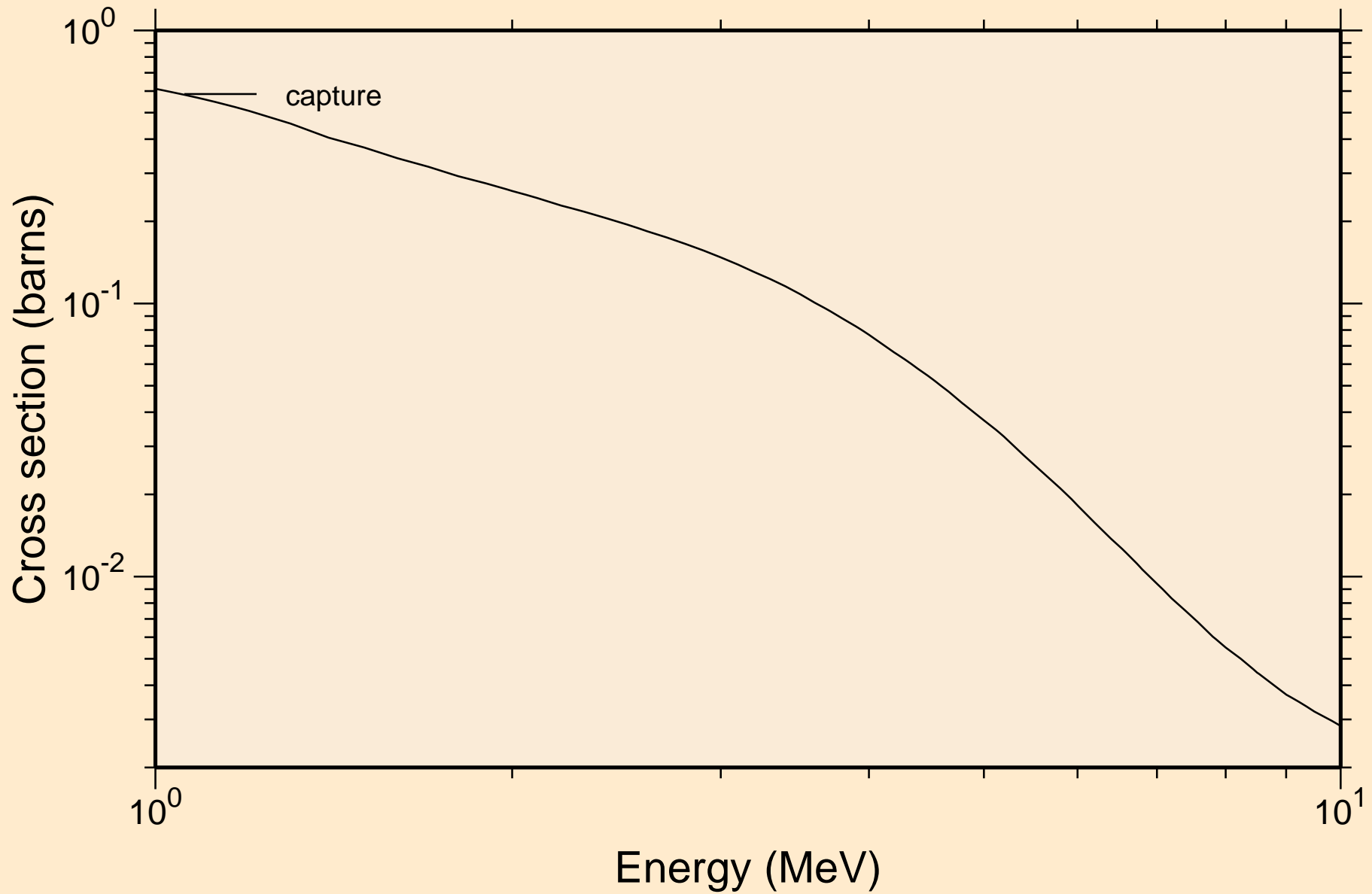




# GD151 NRG TENDL-2015, AKONING resonance absorption cross sections

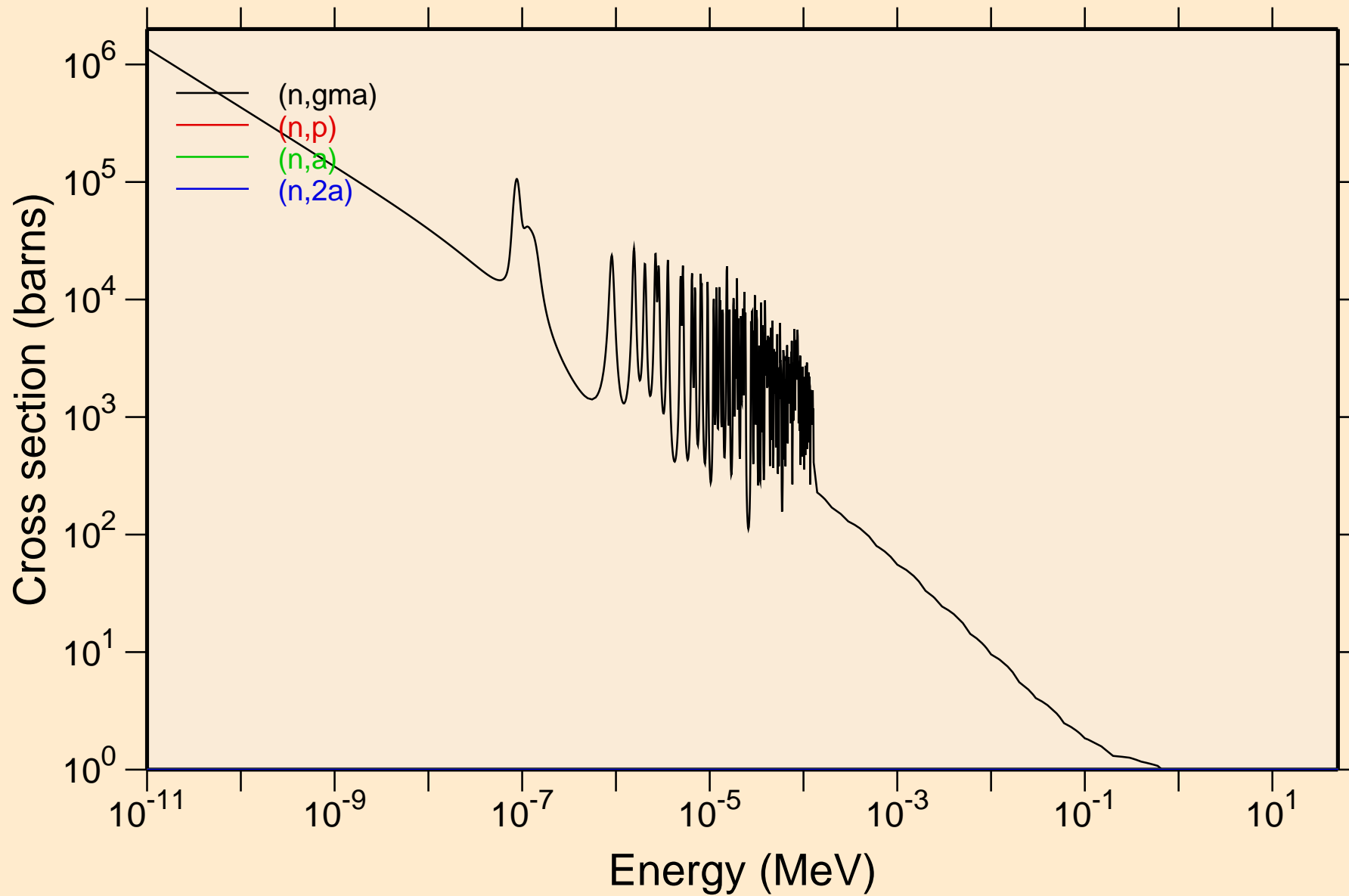


# GD151 NRG TENDL-2015, AKONING resonance absorption cross sections



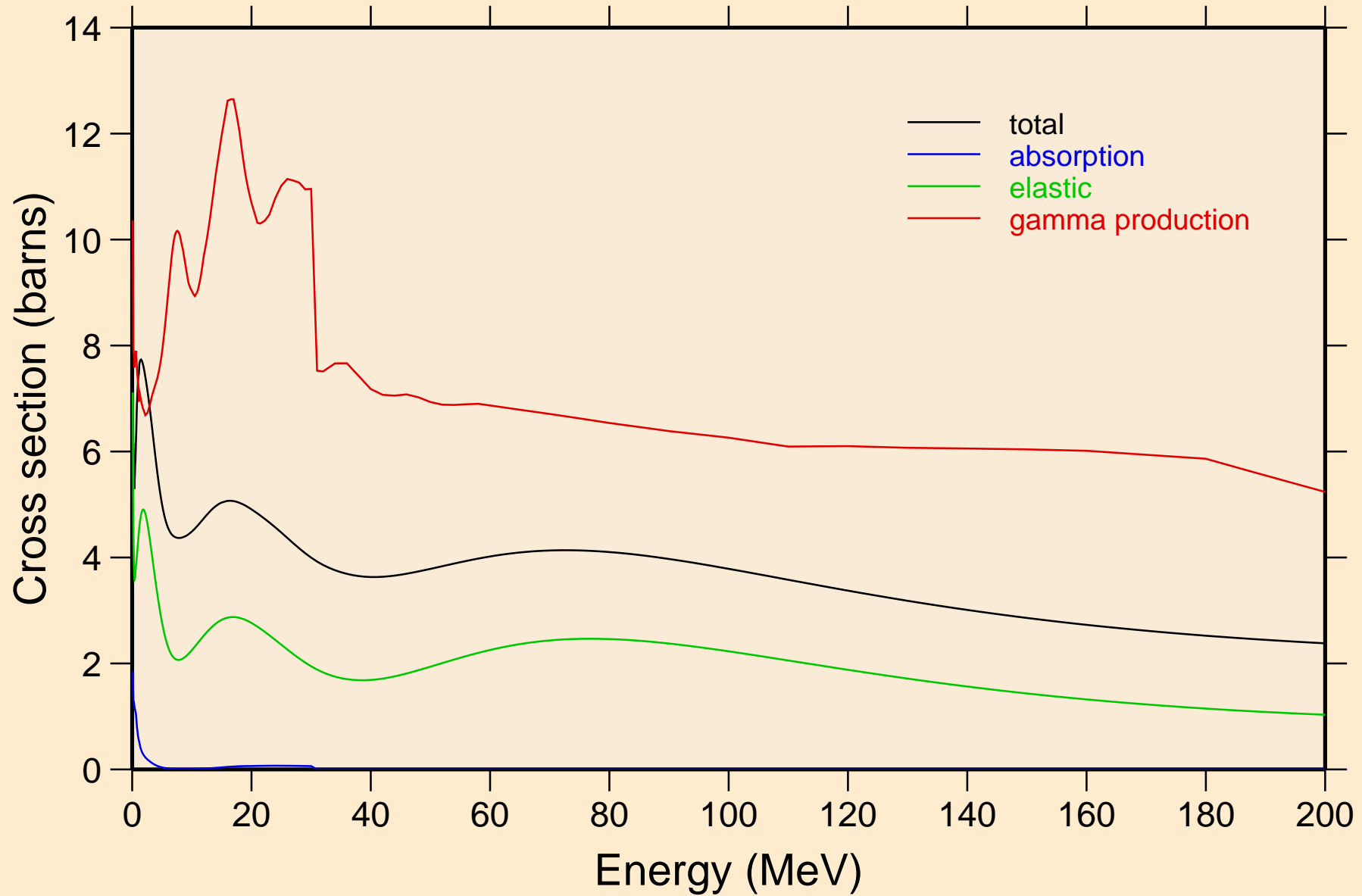
# GD151 NRG TENDL-2015, AKONING

## Non-threshold reactions



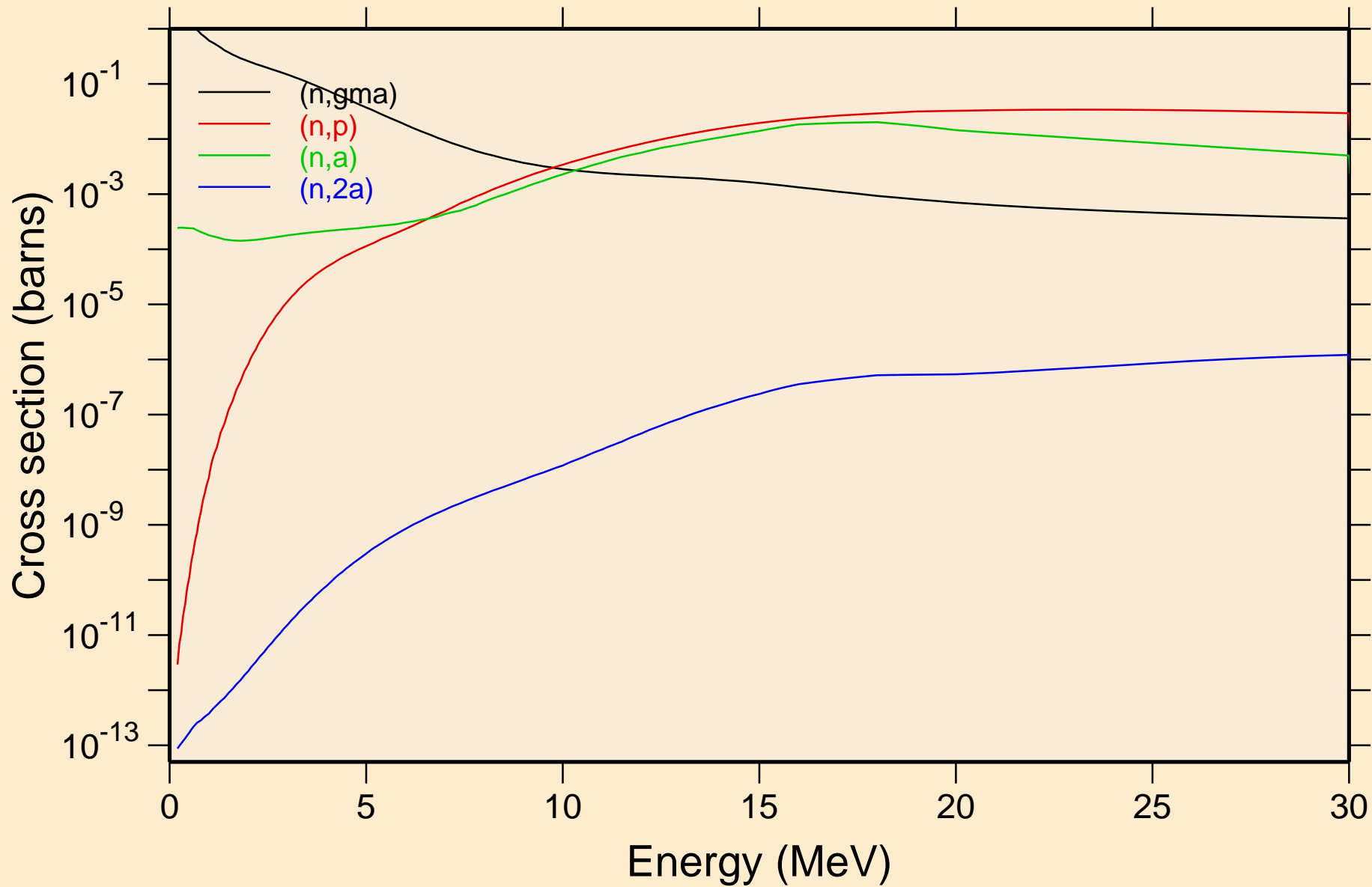
# GD151 NRG TENDL-2015, AKONING

## Principal cross sections



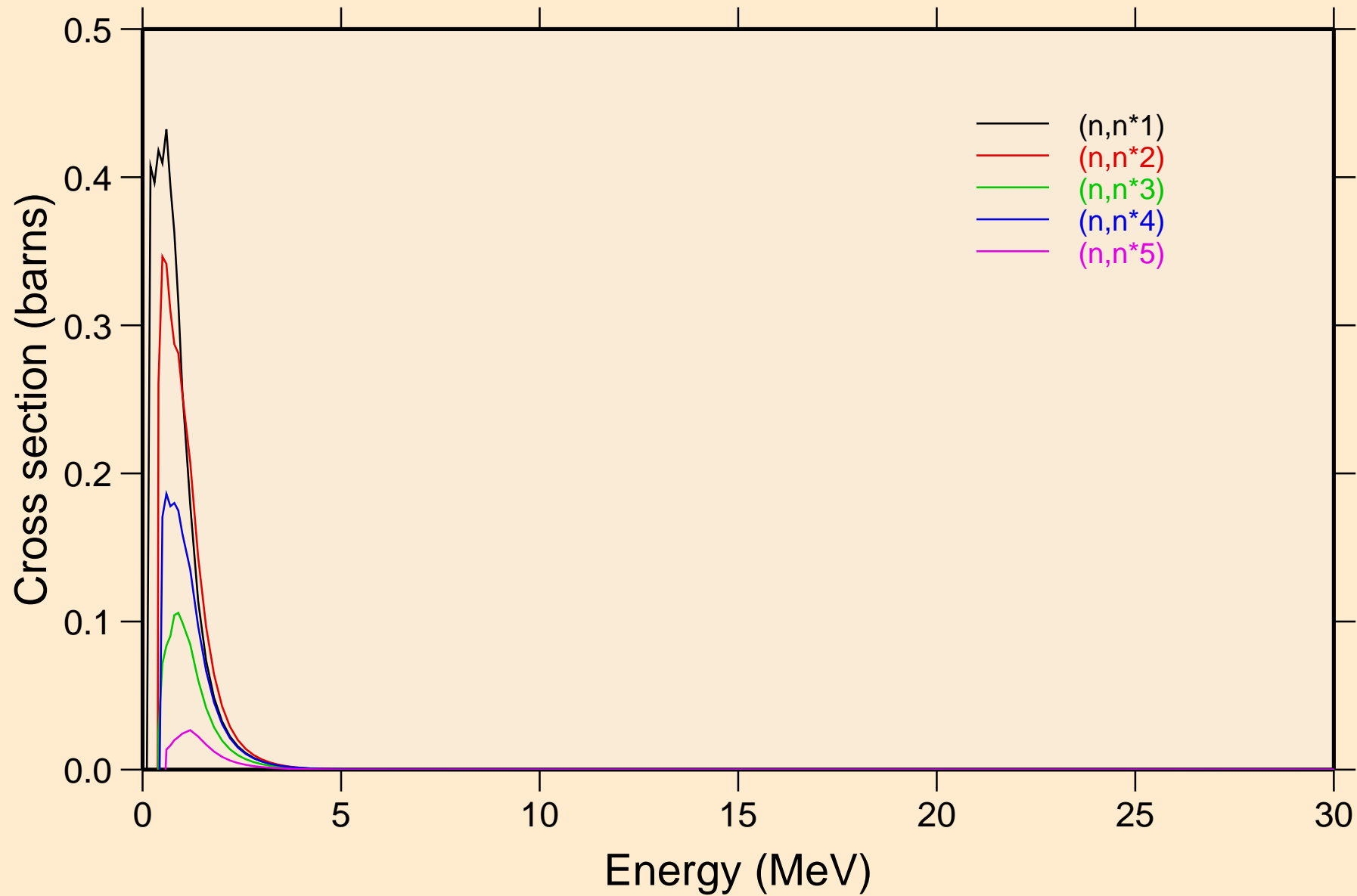
# GD151 NRG TENDL-2015, AKONING

## Non-threshold reactions



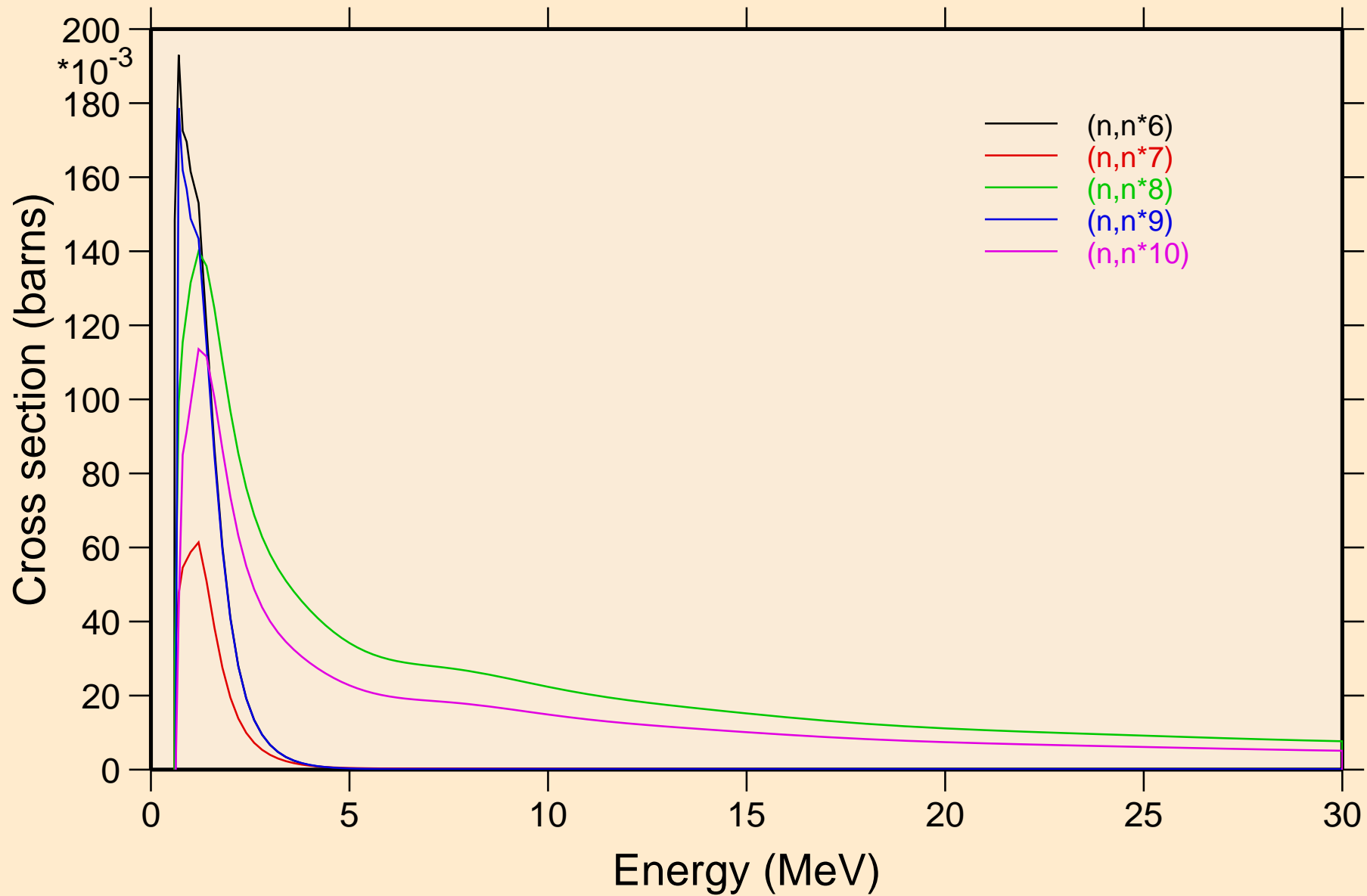
# GD151 NRG TENDL-2015, AKONING

## Inelastic levels



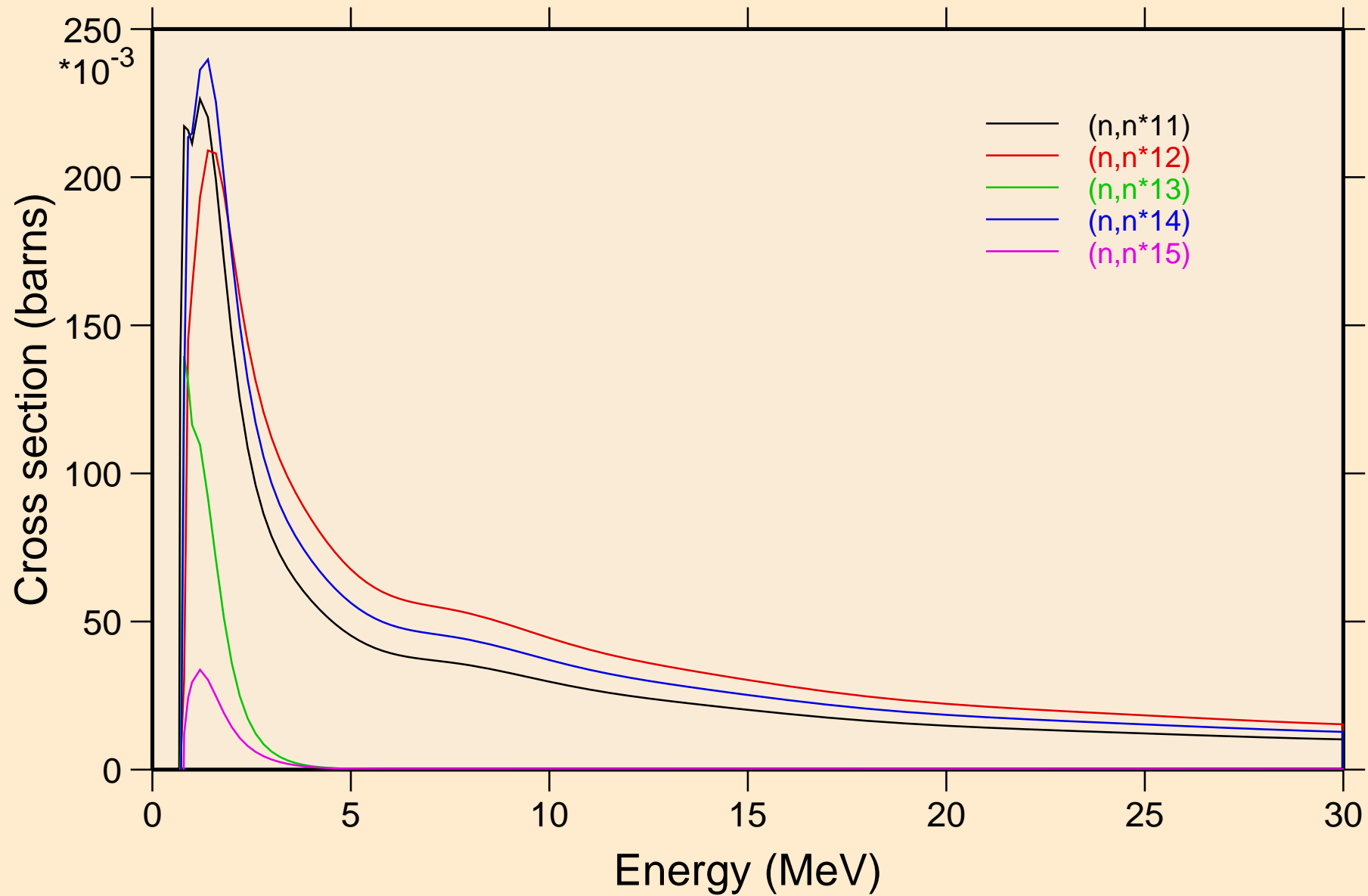
# GD151 NRG TENDL-2015, AKONING

## Inelastic levels



# GD151 NRG TENDL-2015, AKONING

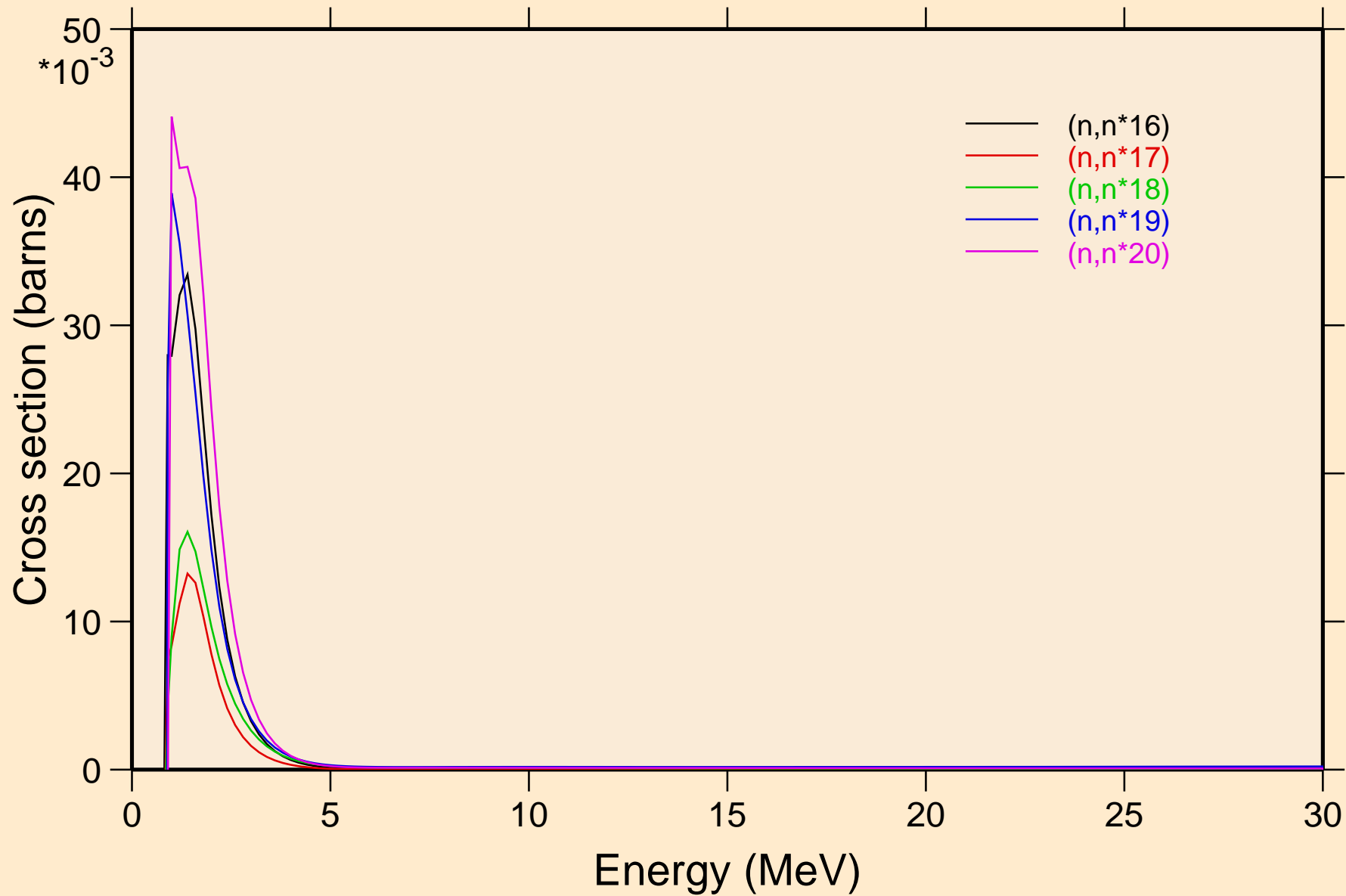
## Inelastic levels





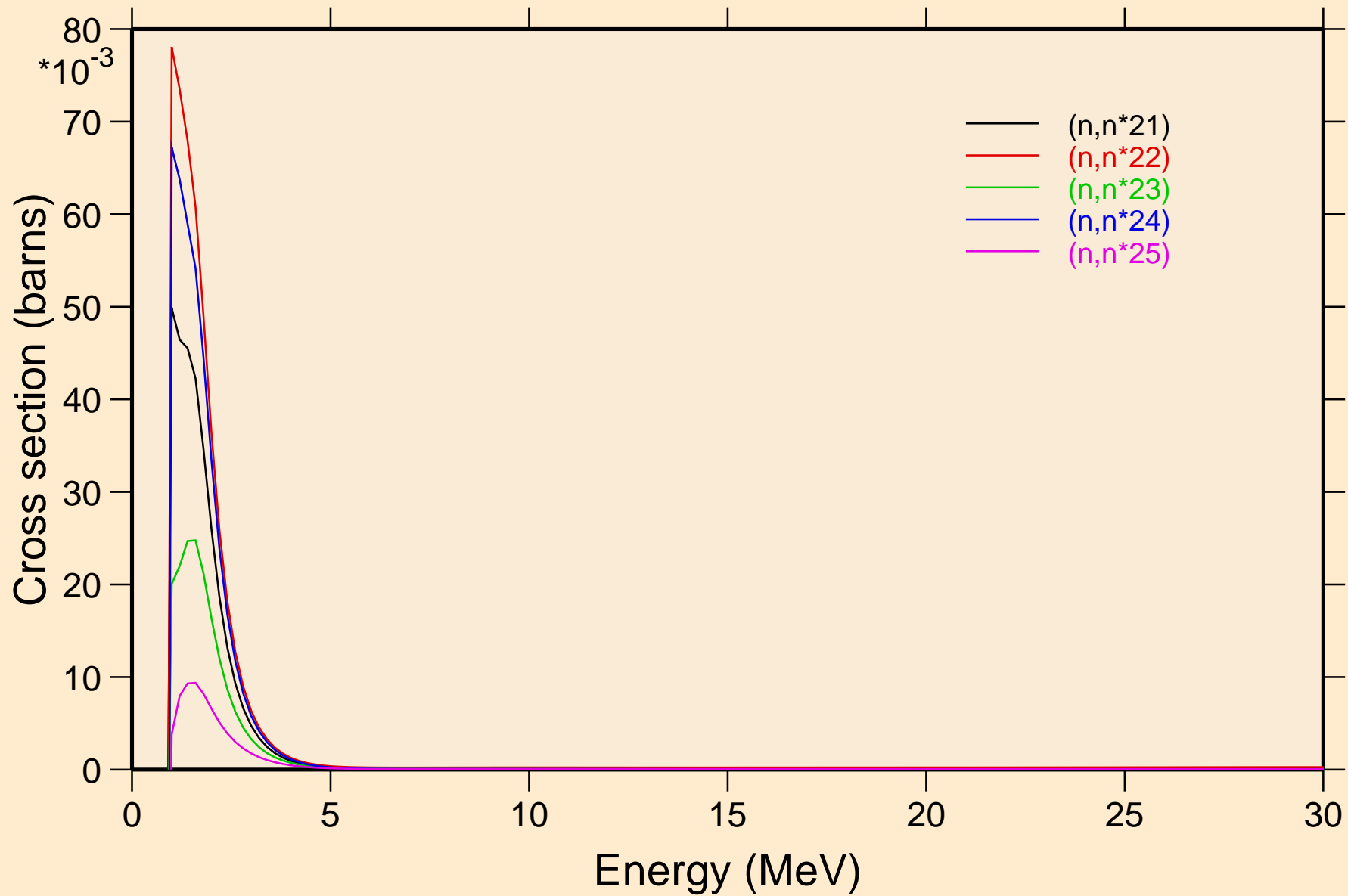
# GD151 NRG TENDL-2015, AKONING

## Inelastic levels



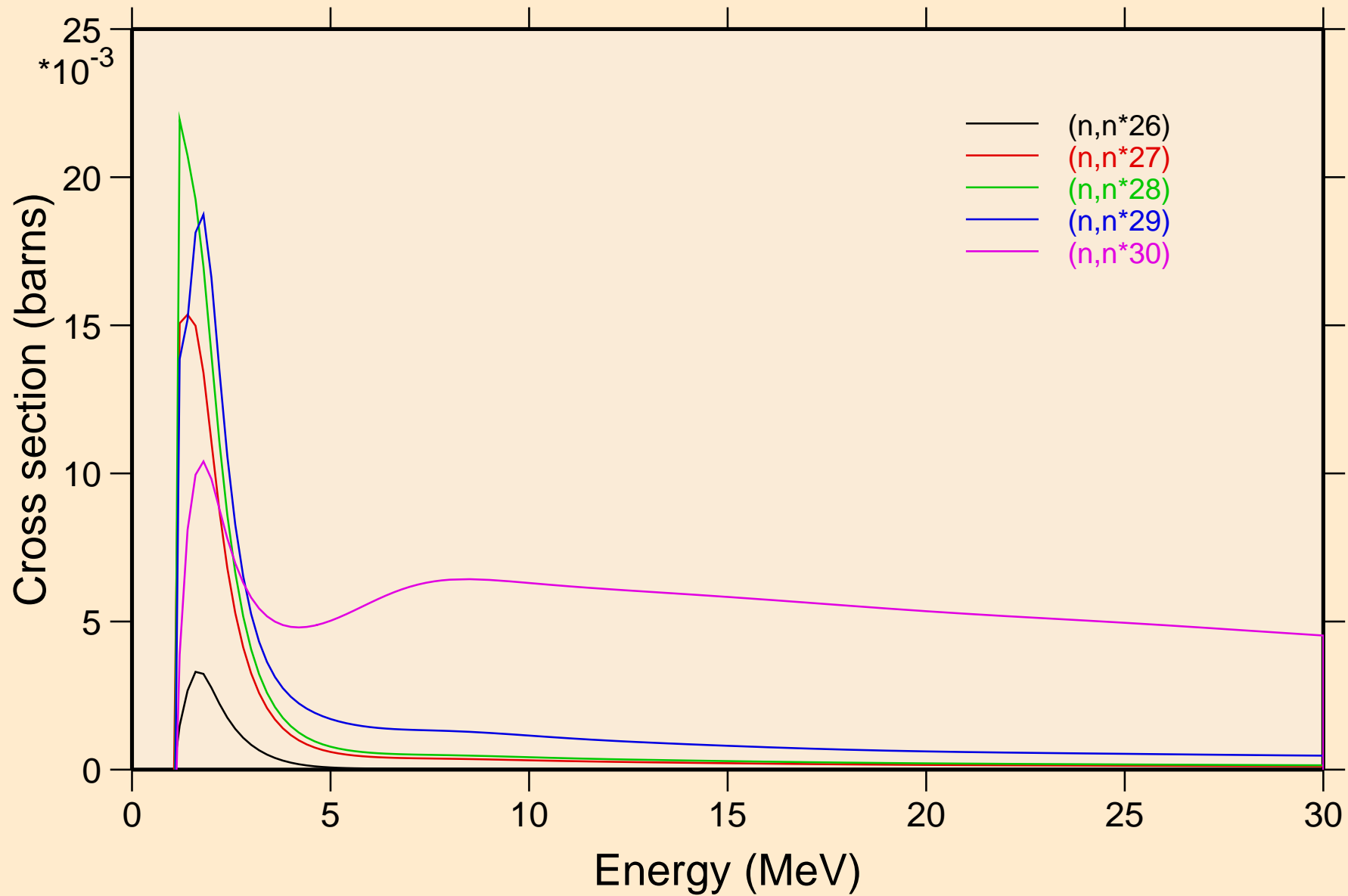
# GD151 NRG TENDL-2015, AKONING

## Inelastic levels



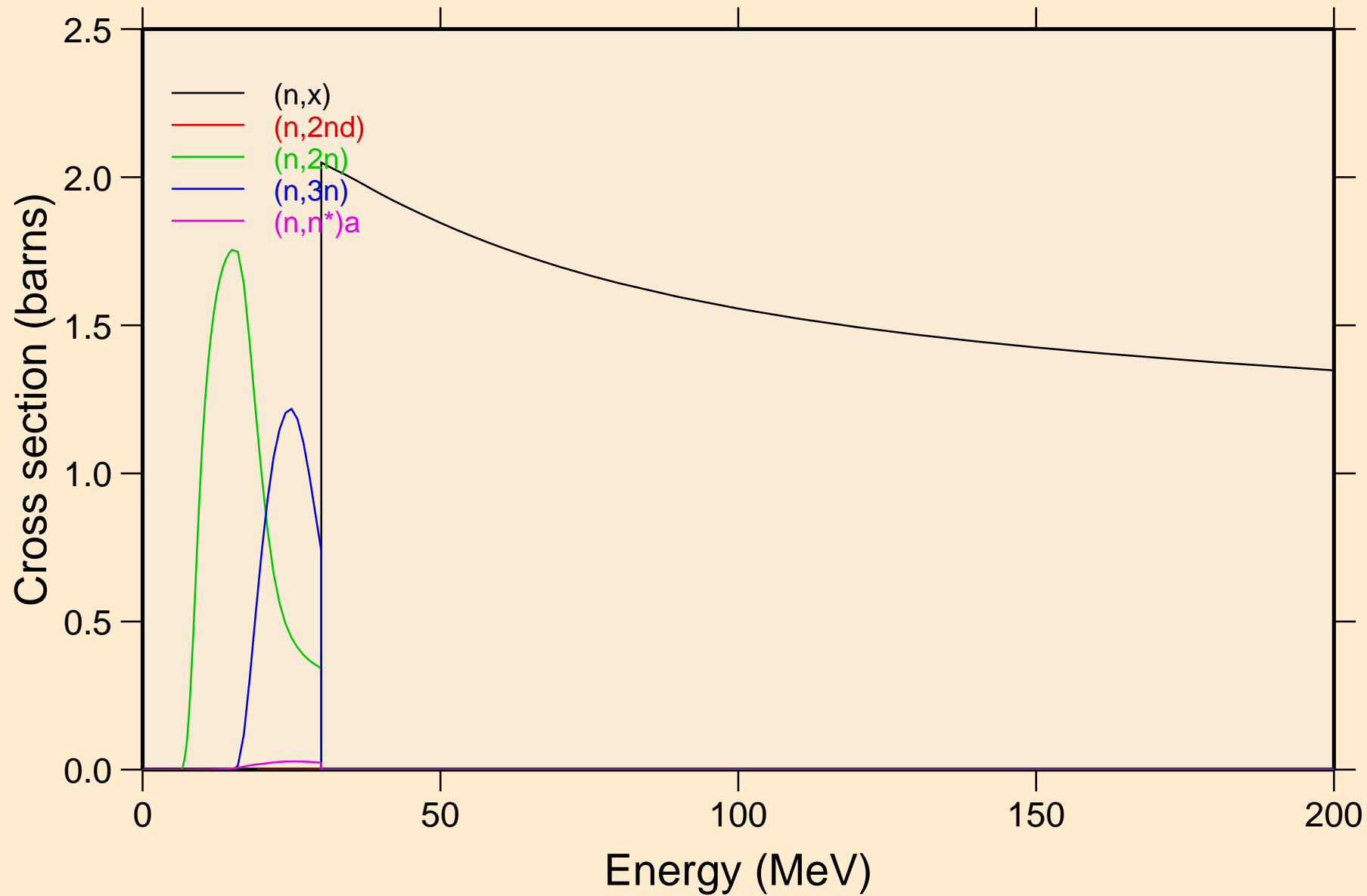
# GD151 NRG TENDL-2015, AKONING

## Inelastic levels



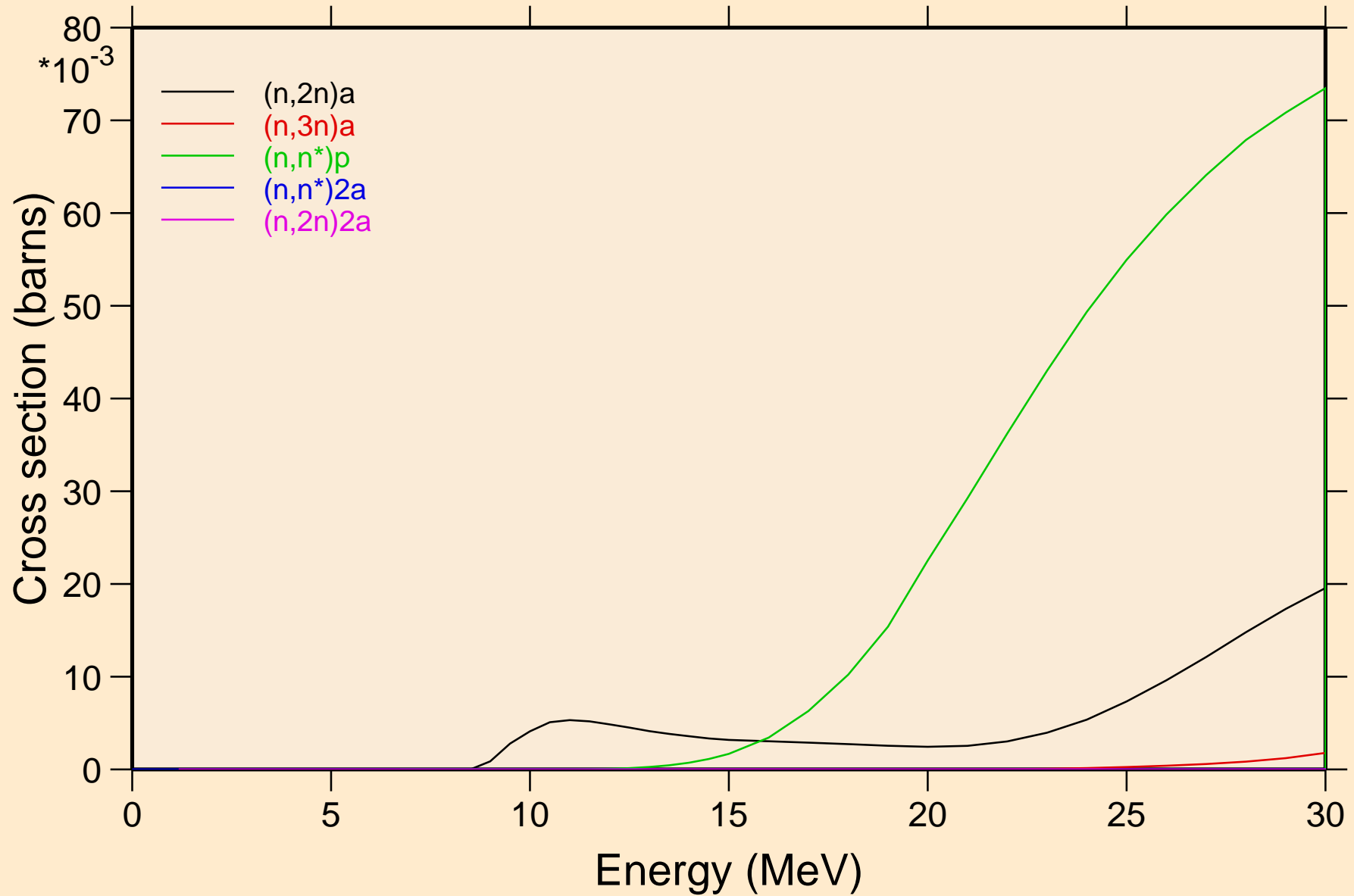
# GD151 NRG TENDL-2015, AKONING

## Threshold reactions



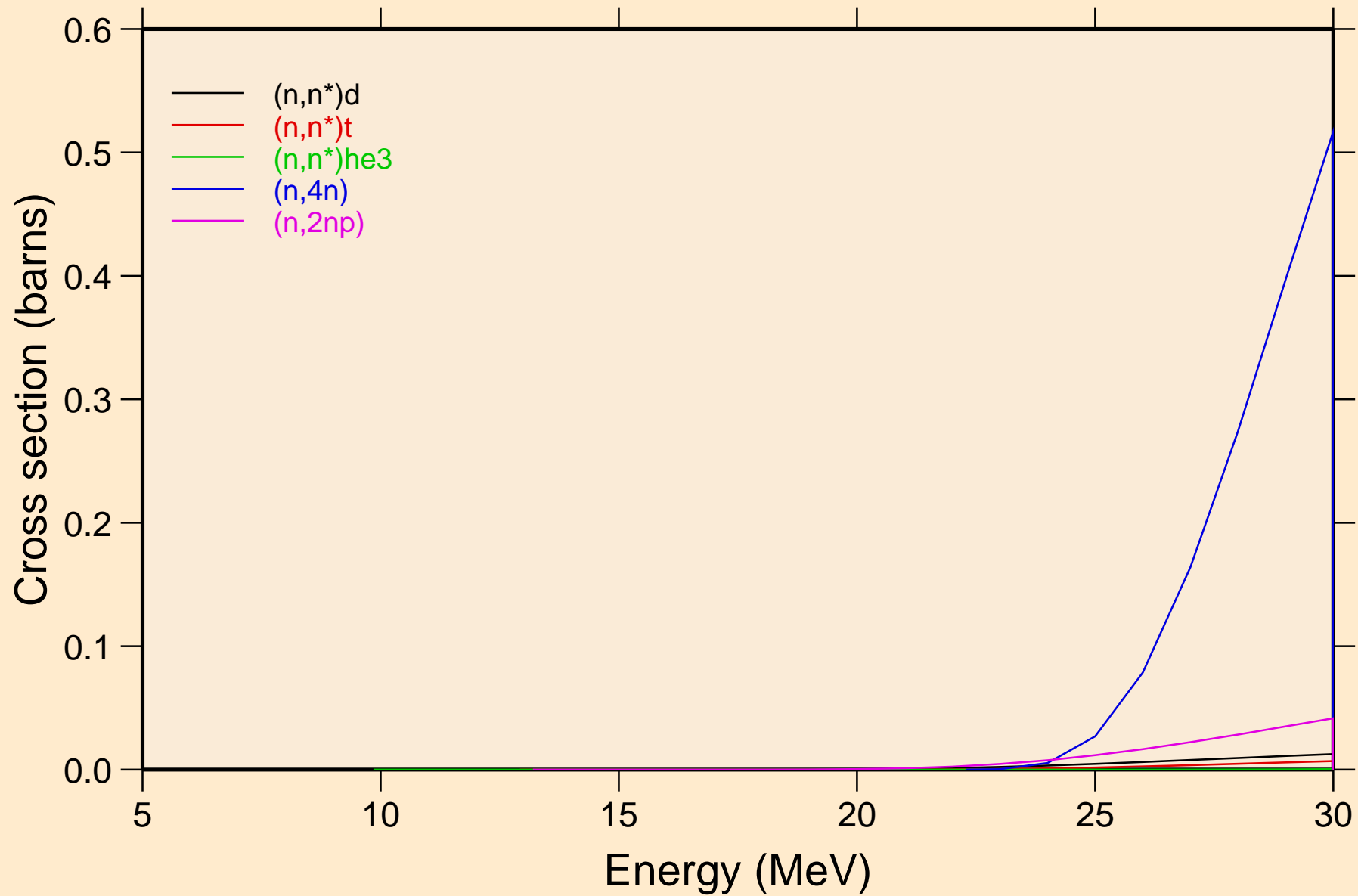
# GD151 NRG TENDL-2015, AKONING

## Threshold reactions



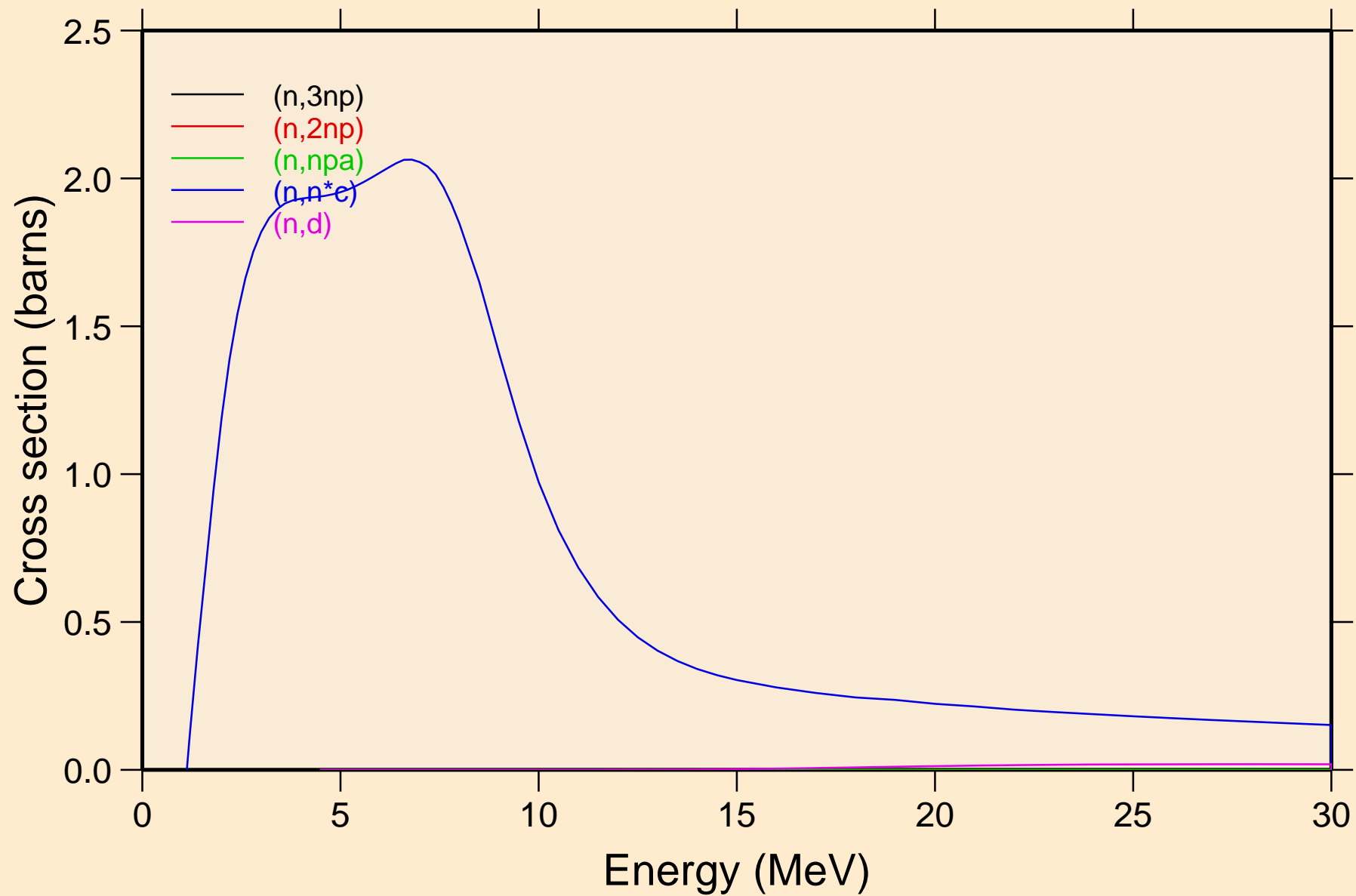
# GD151 NRG TENDL-2015, AKONING

## Threshold reactions



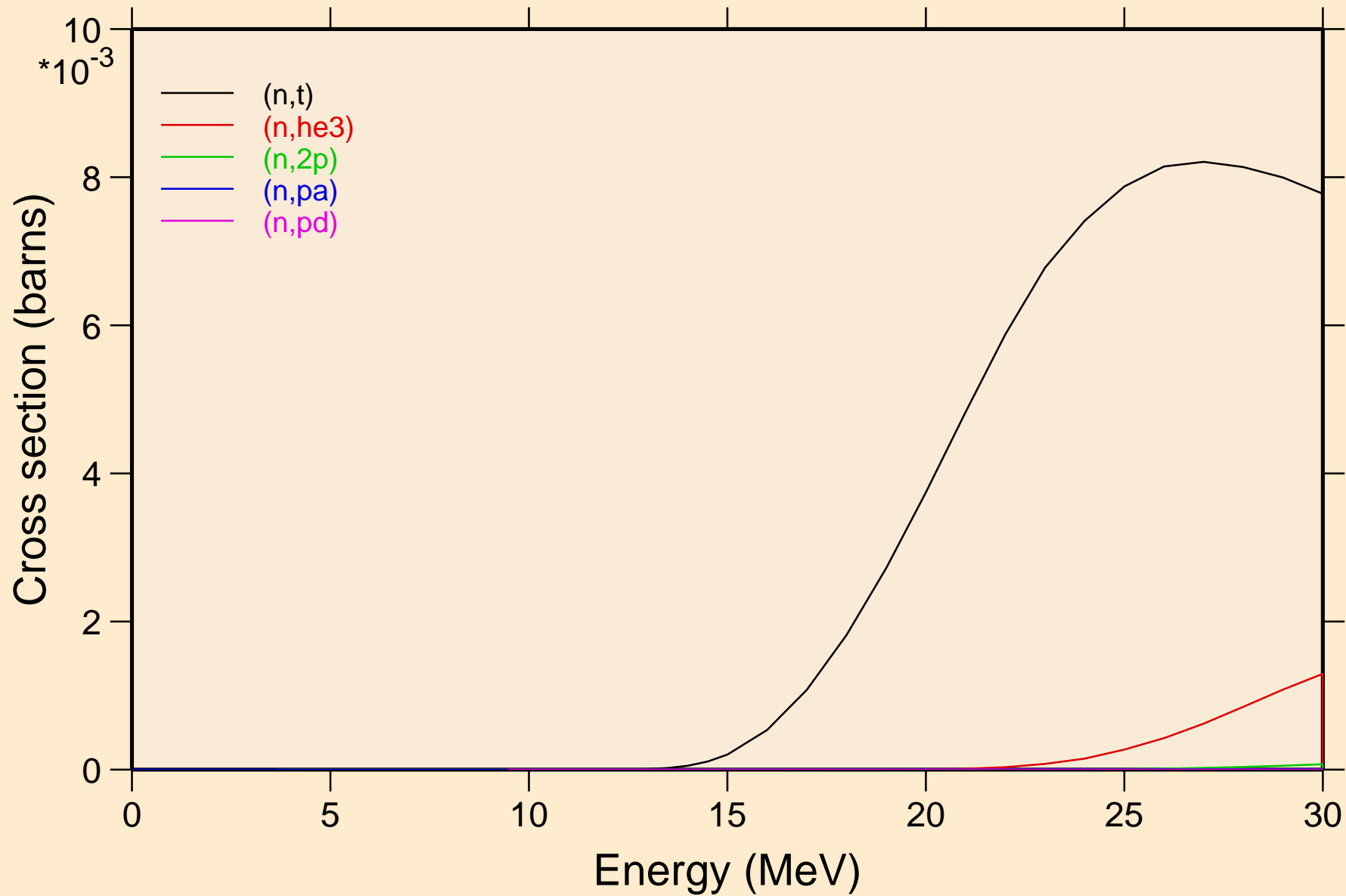
# GD151 NRG TENDL-2015, AKONING

## Threshold reactions



# GD151 NRG TENDL-2015, AKONING

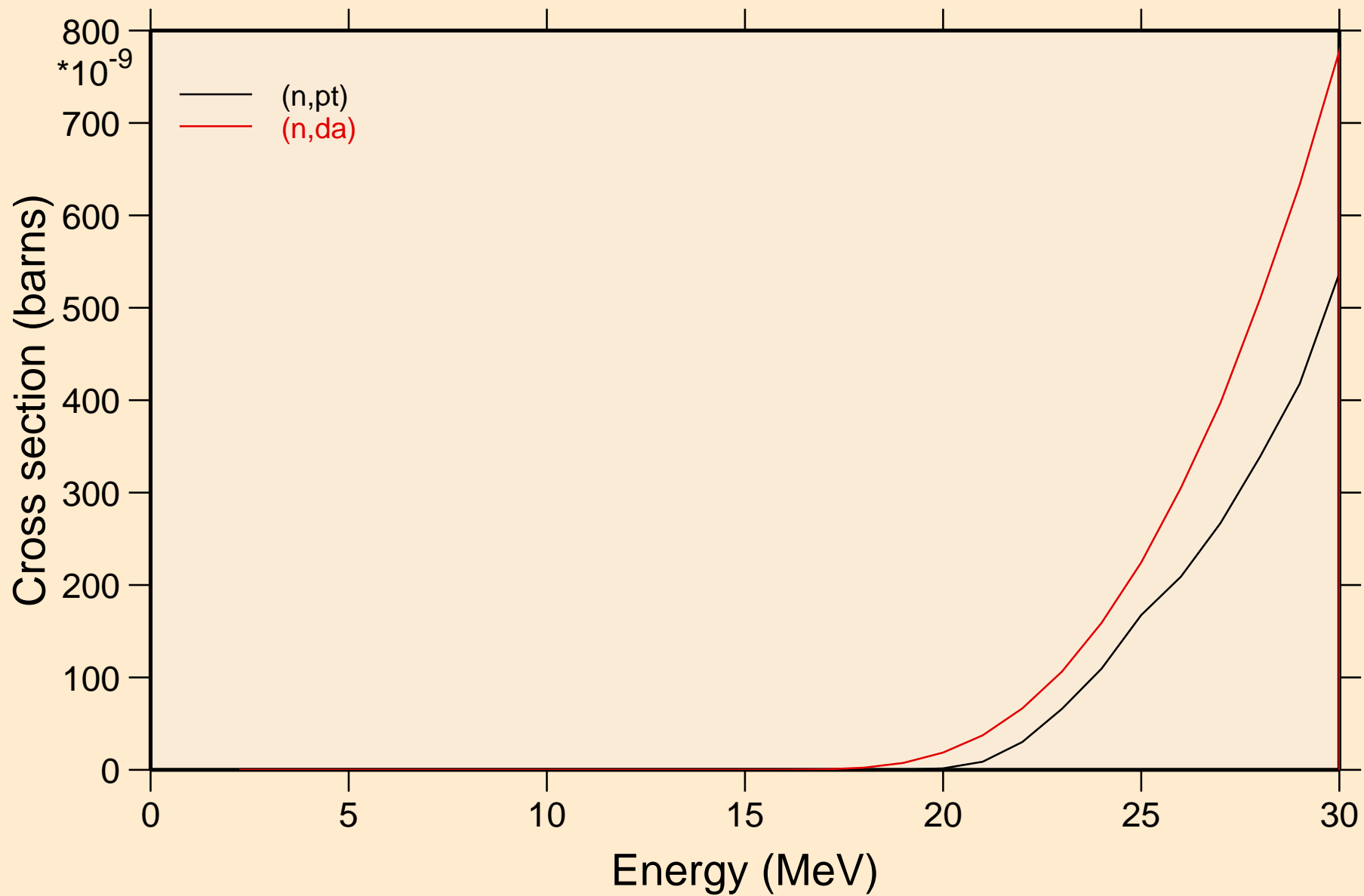
## Threshold reactions



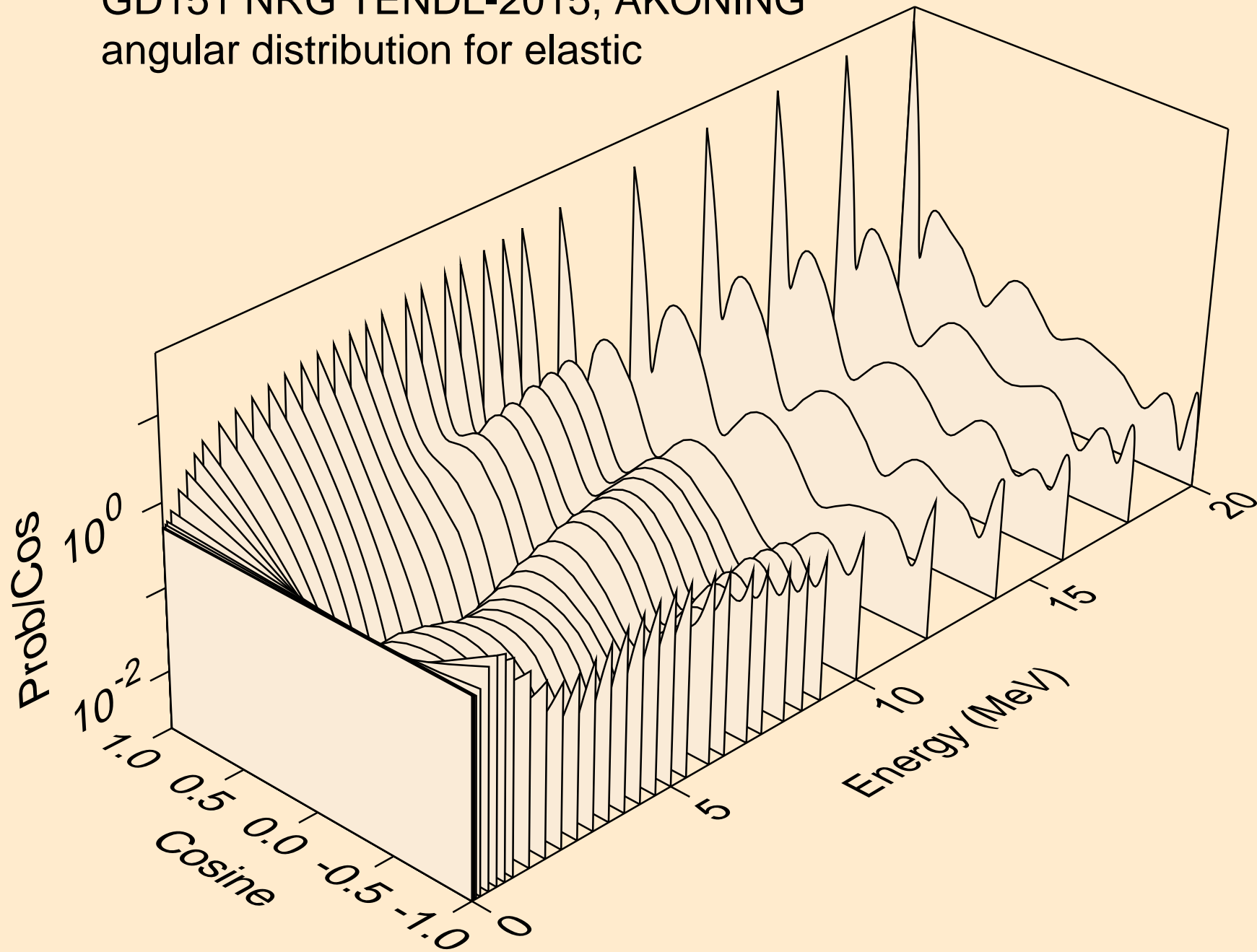


# GD151 NRG TENDL-2015, AKONING

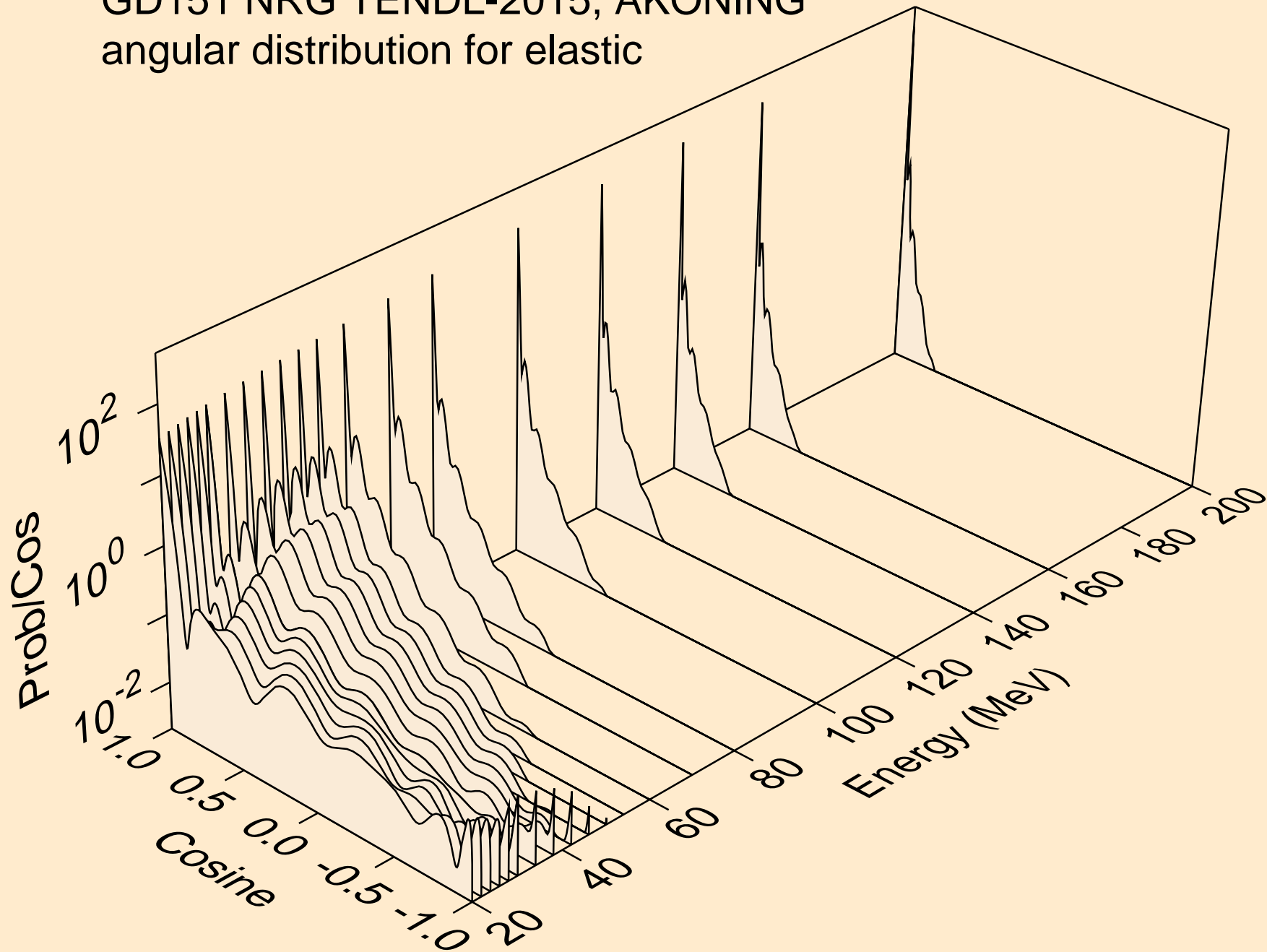
## Threshold reactions



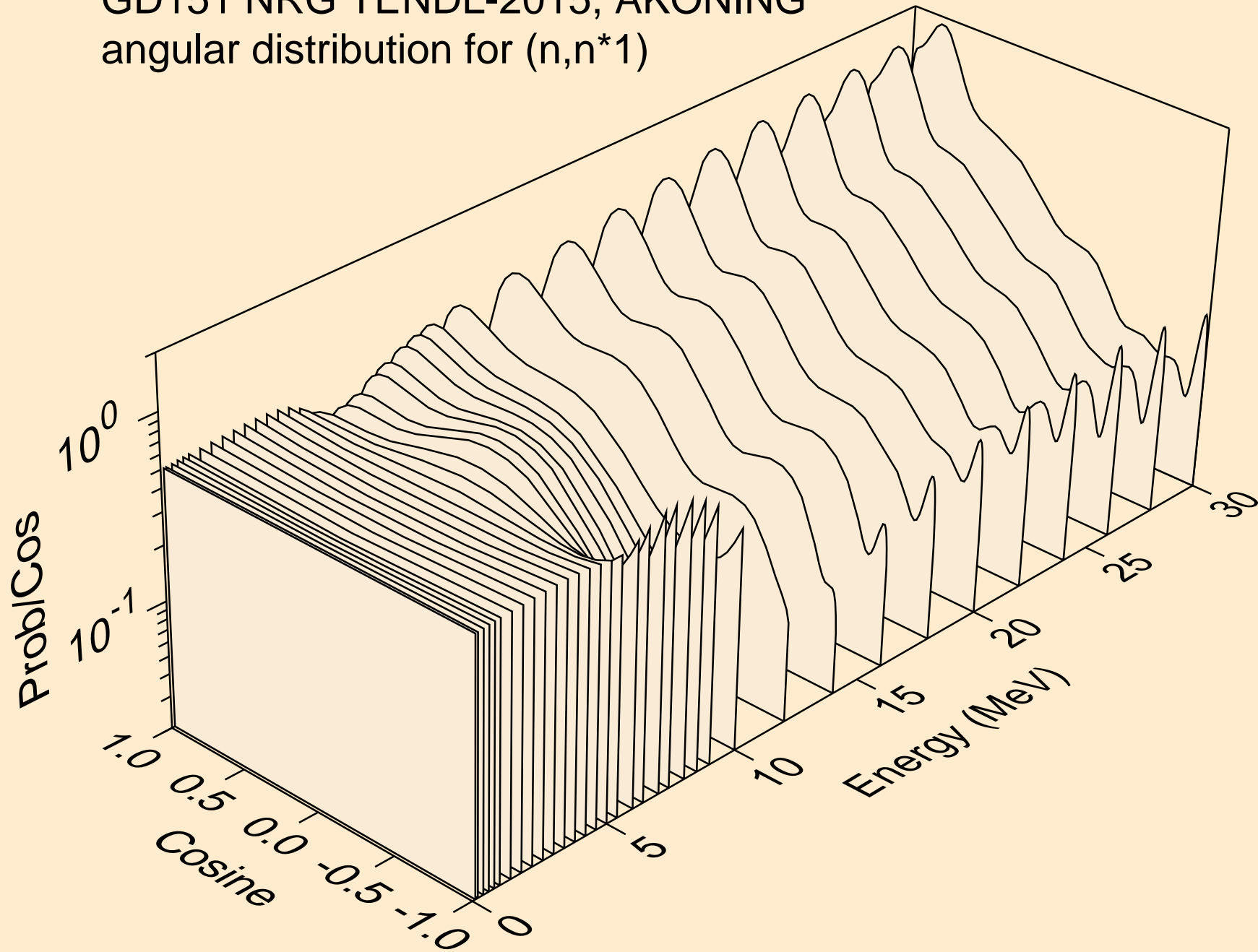
GD151 NRG TENDL-2015, AKONING  
angular distribution for elastic



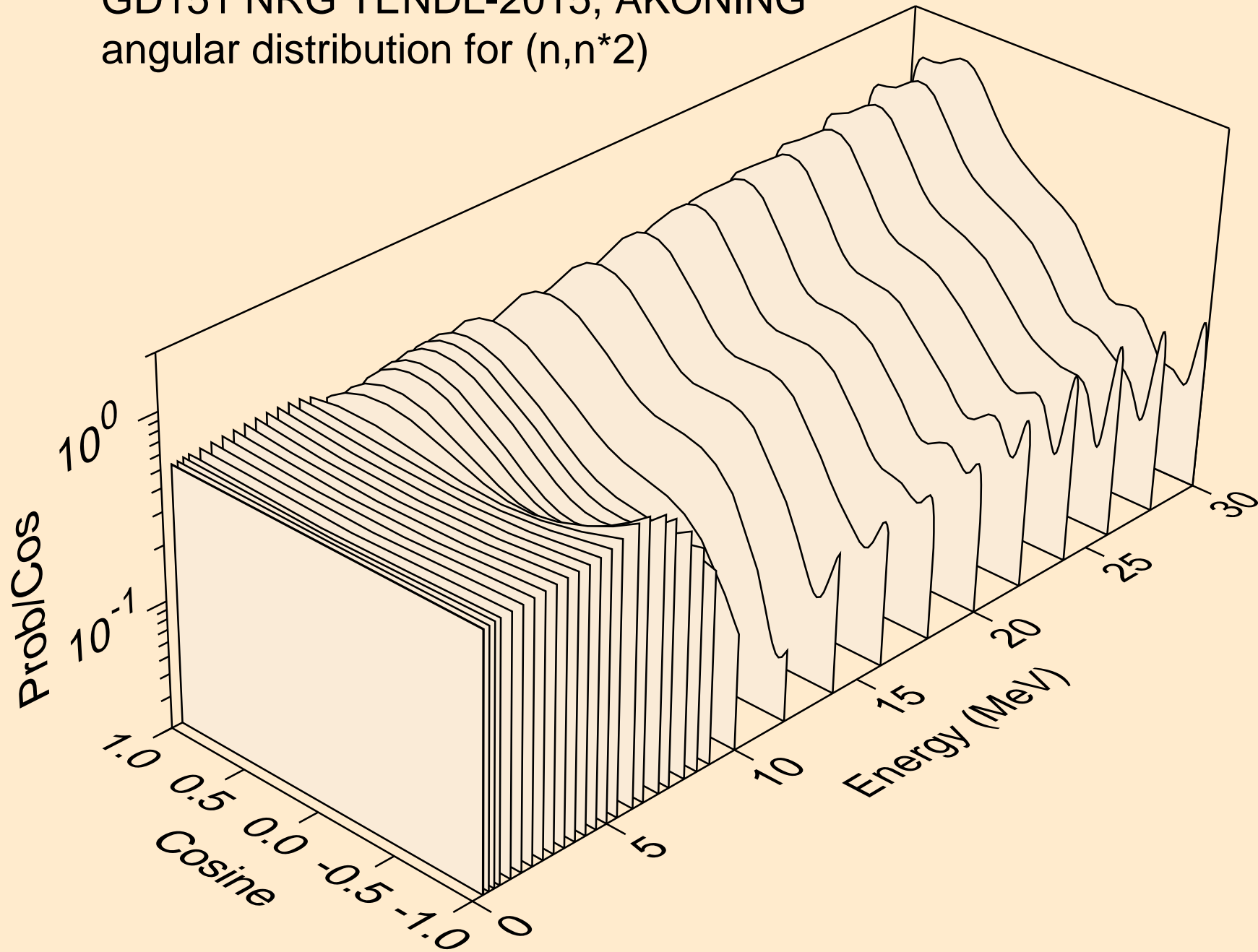
GD151 NRG TENDL-2015, AKONING  
angular distribution for elastic



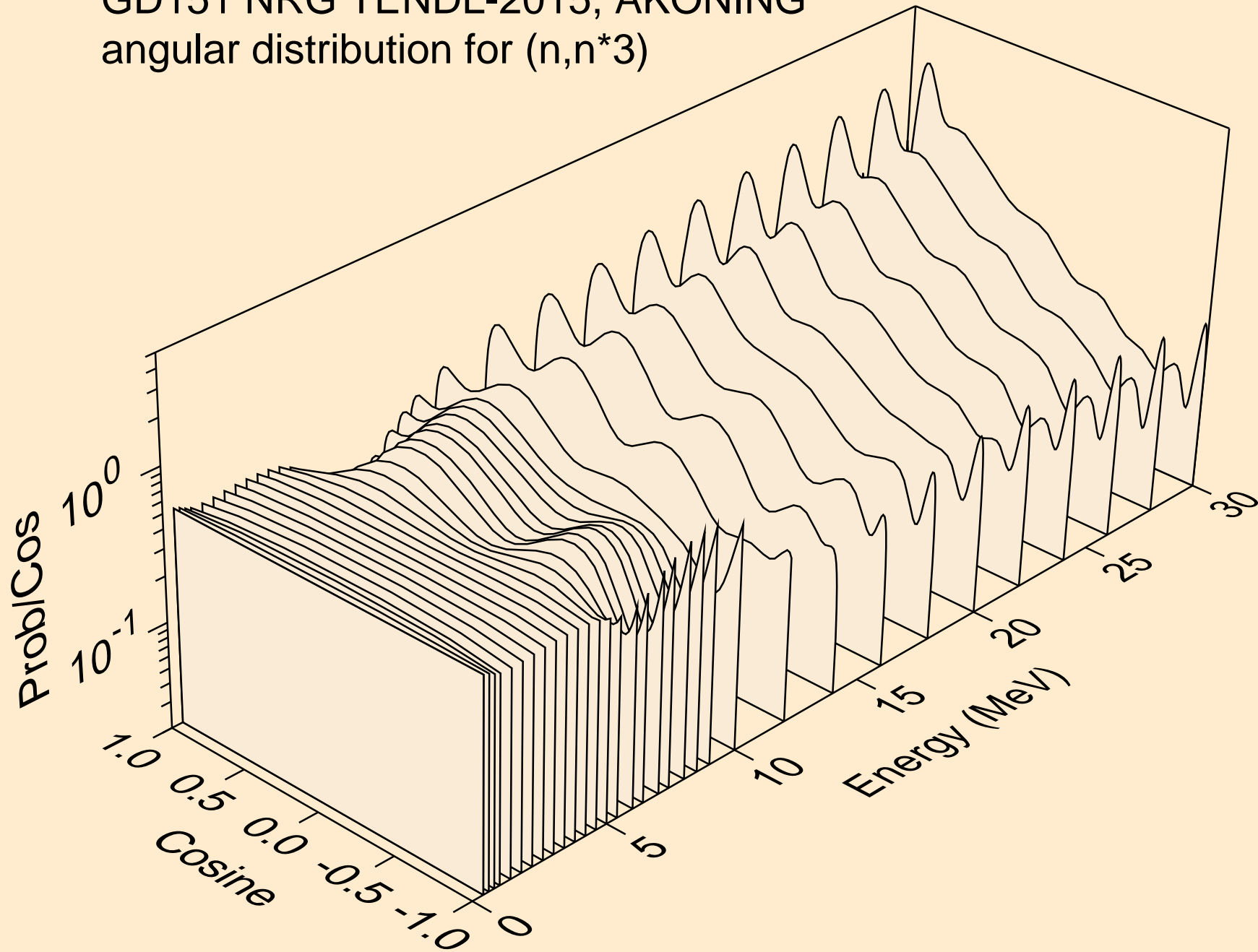
GD151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



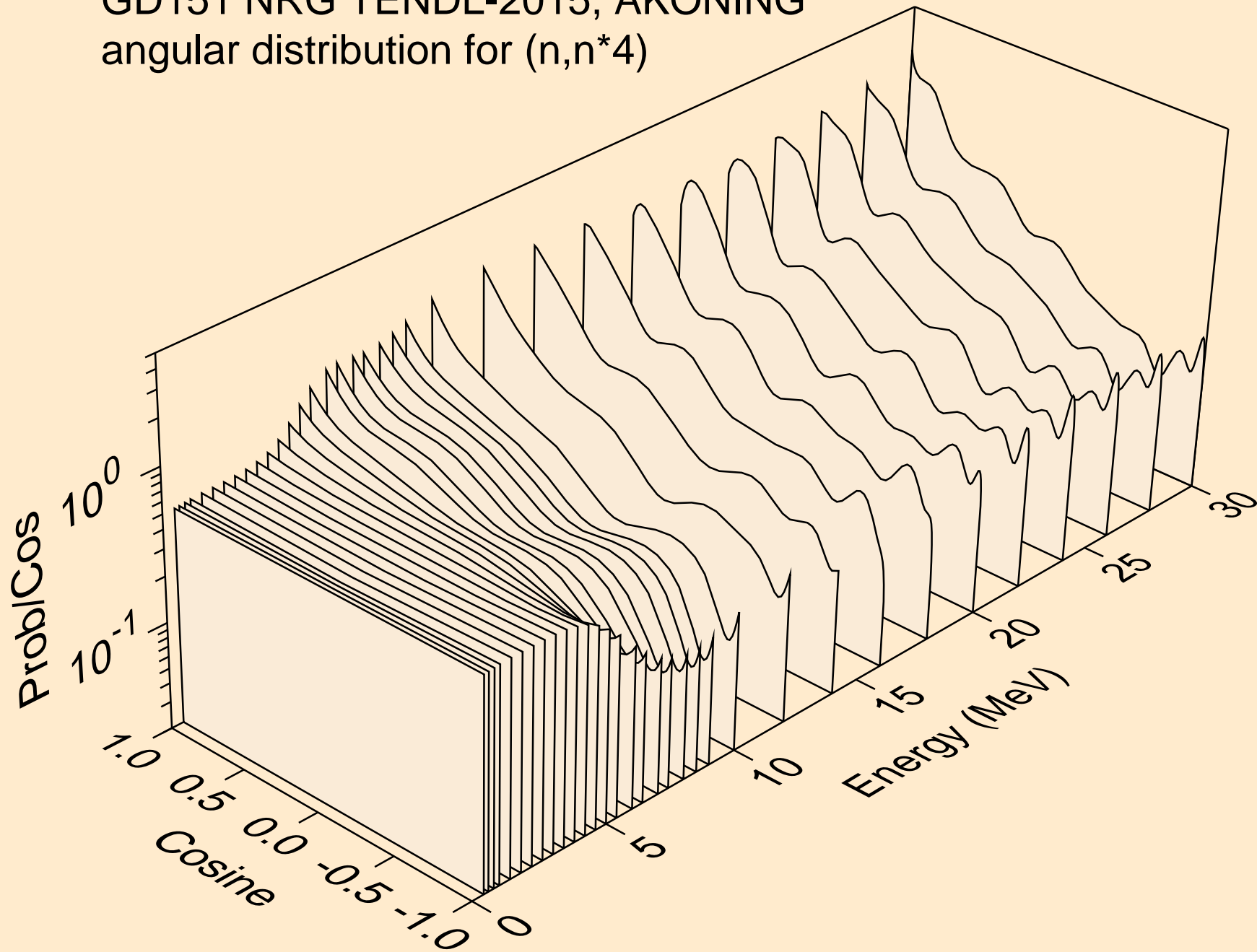
GD151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



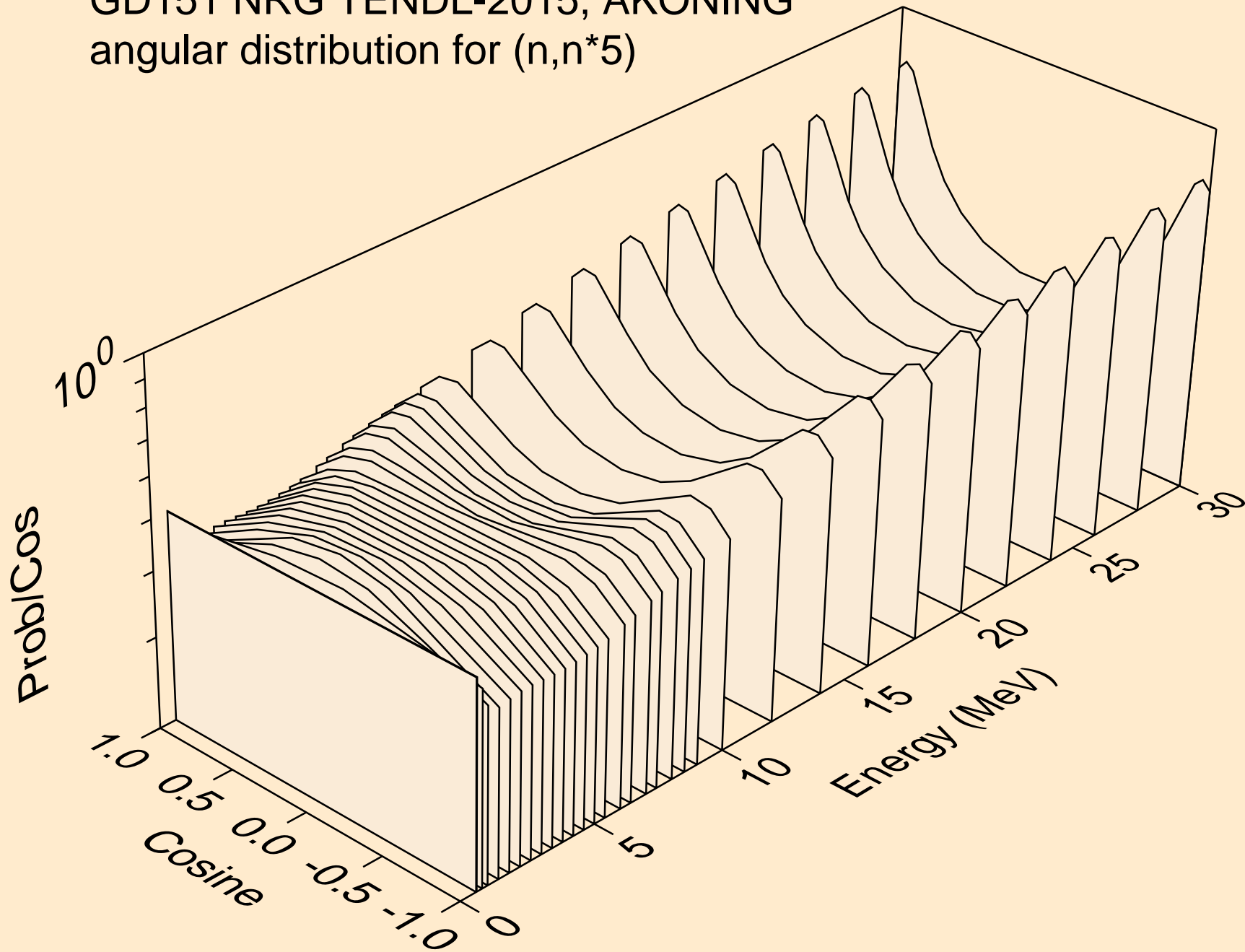
GD151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



GD151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)

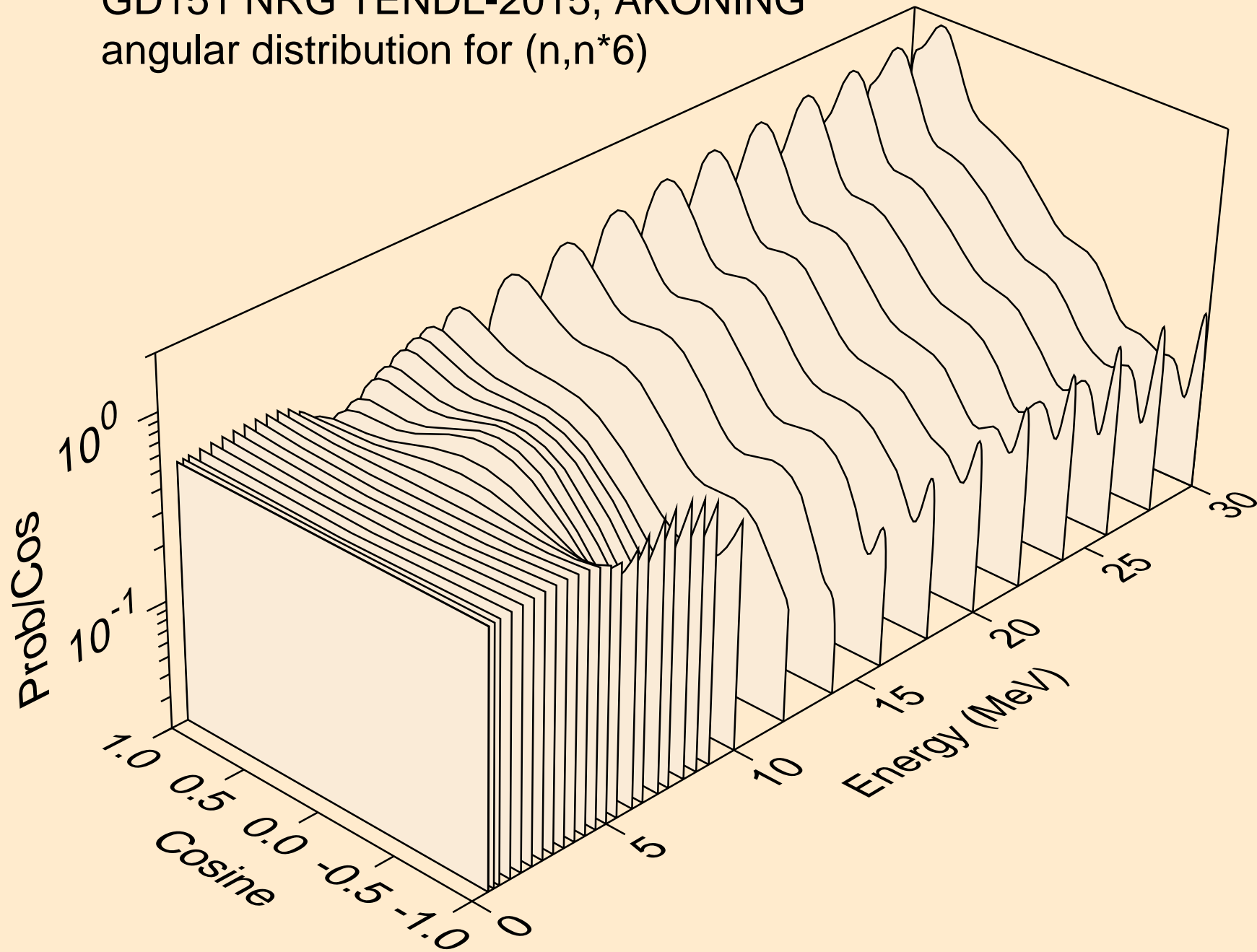


GD151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

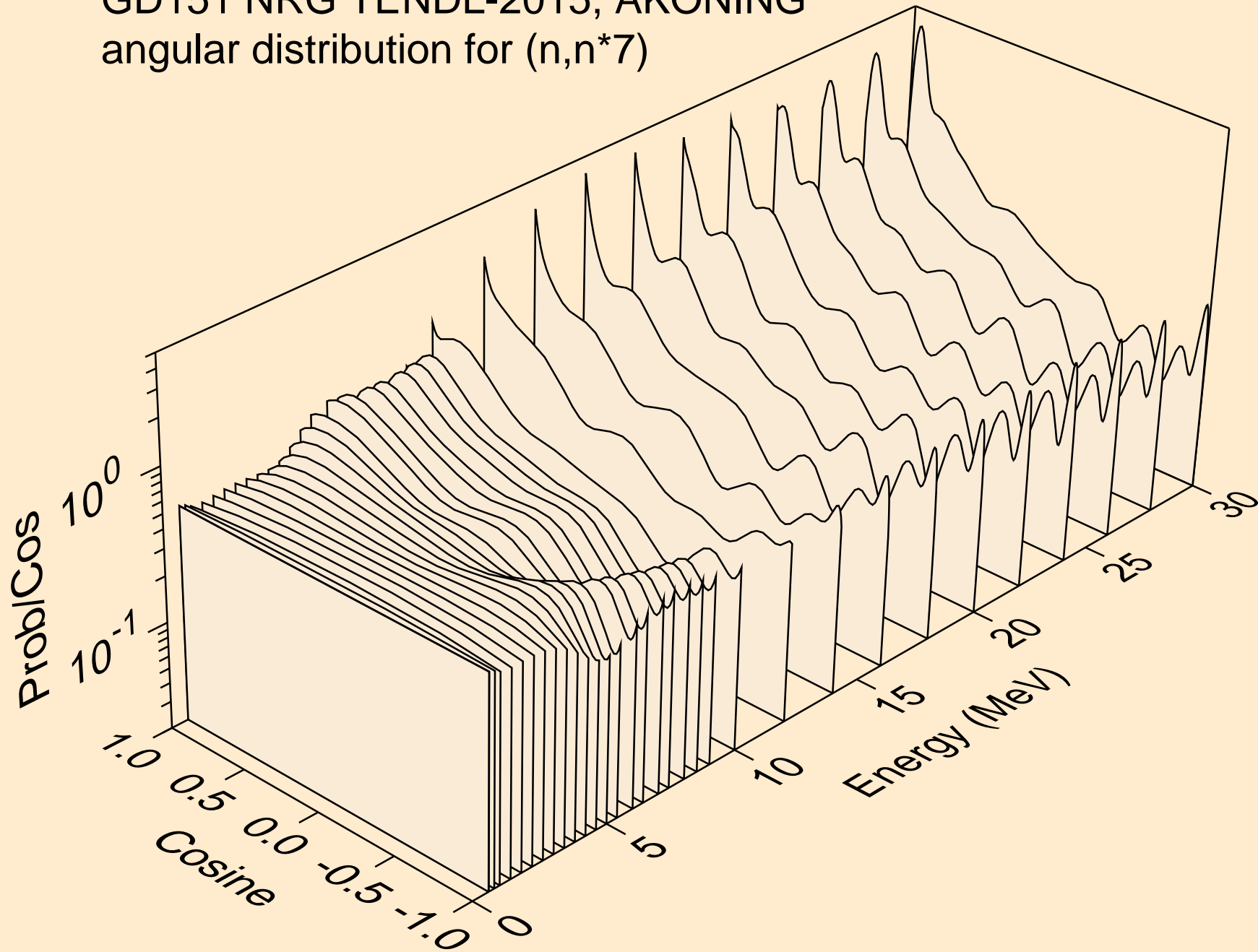




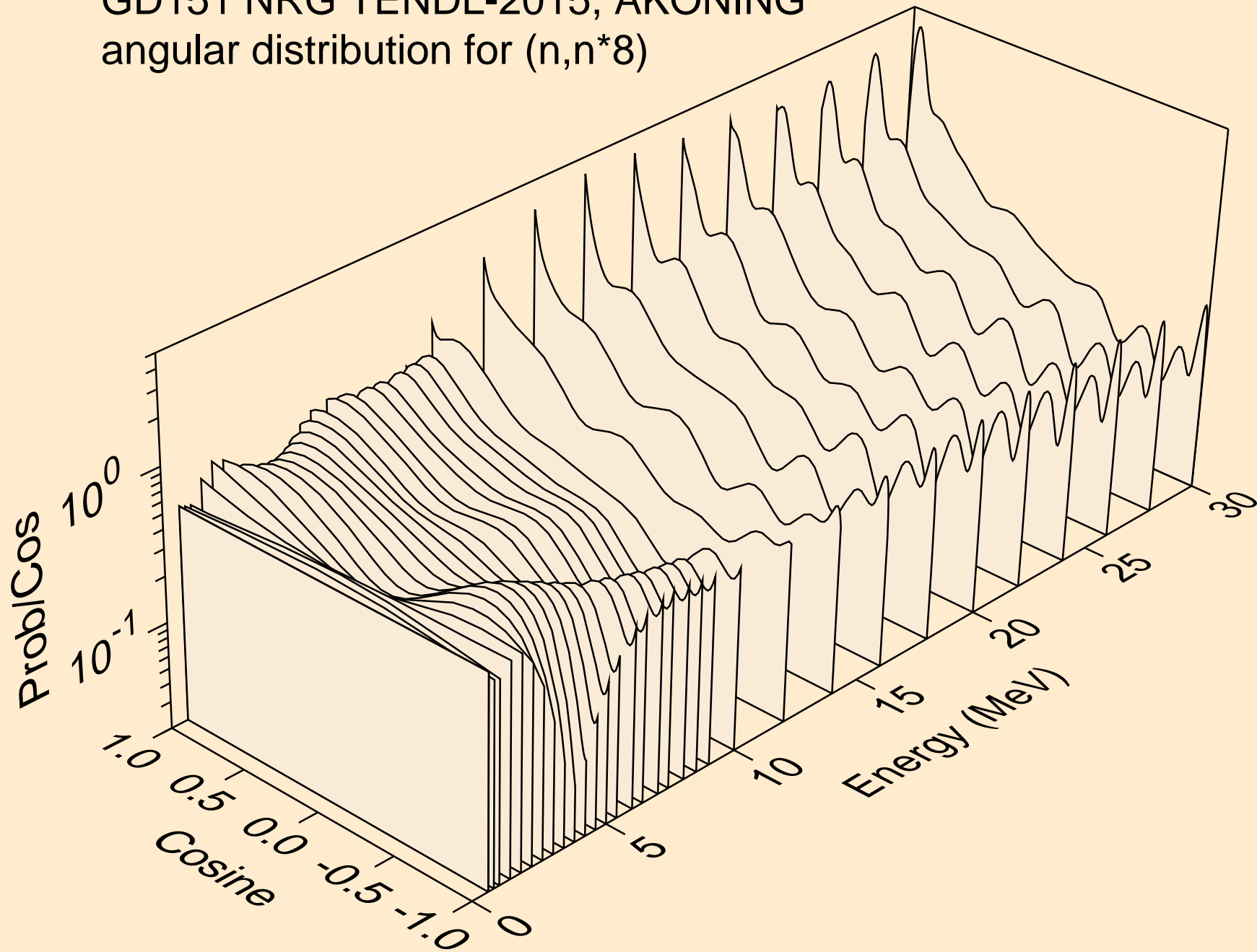
GD151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



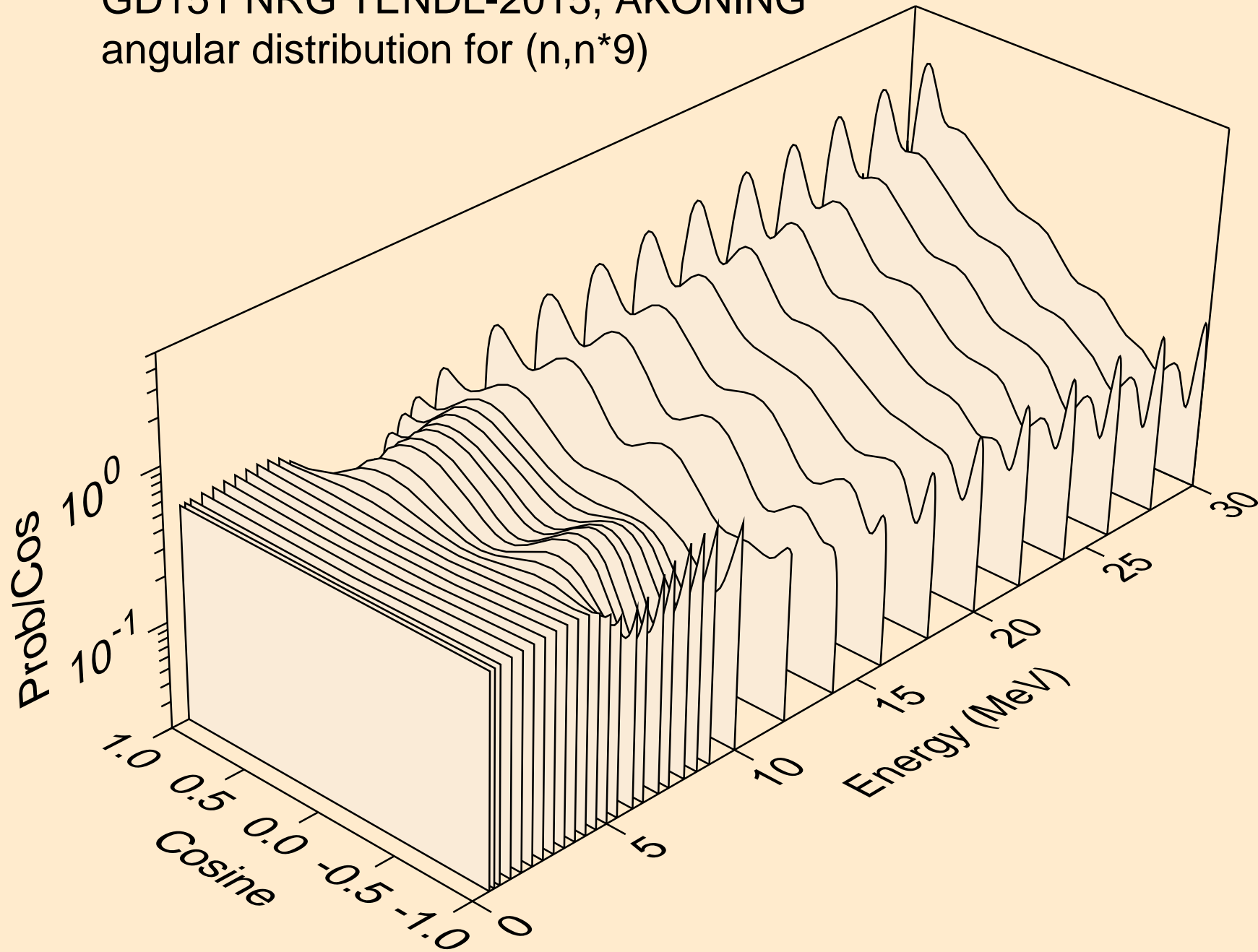
GD151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



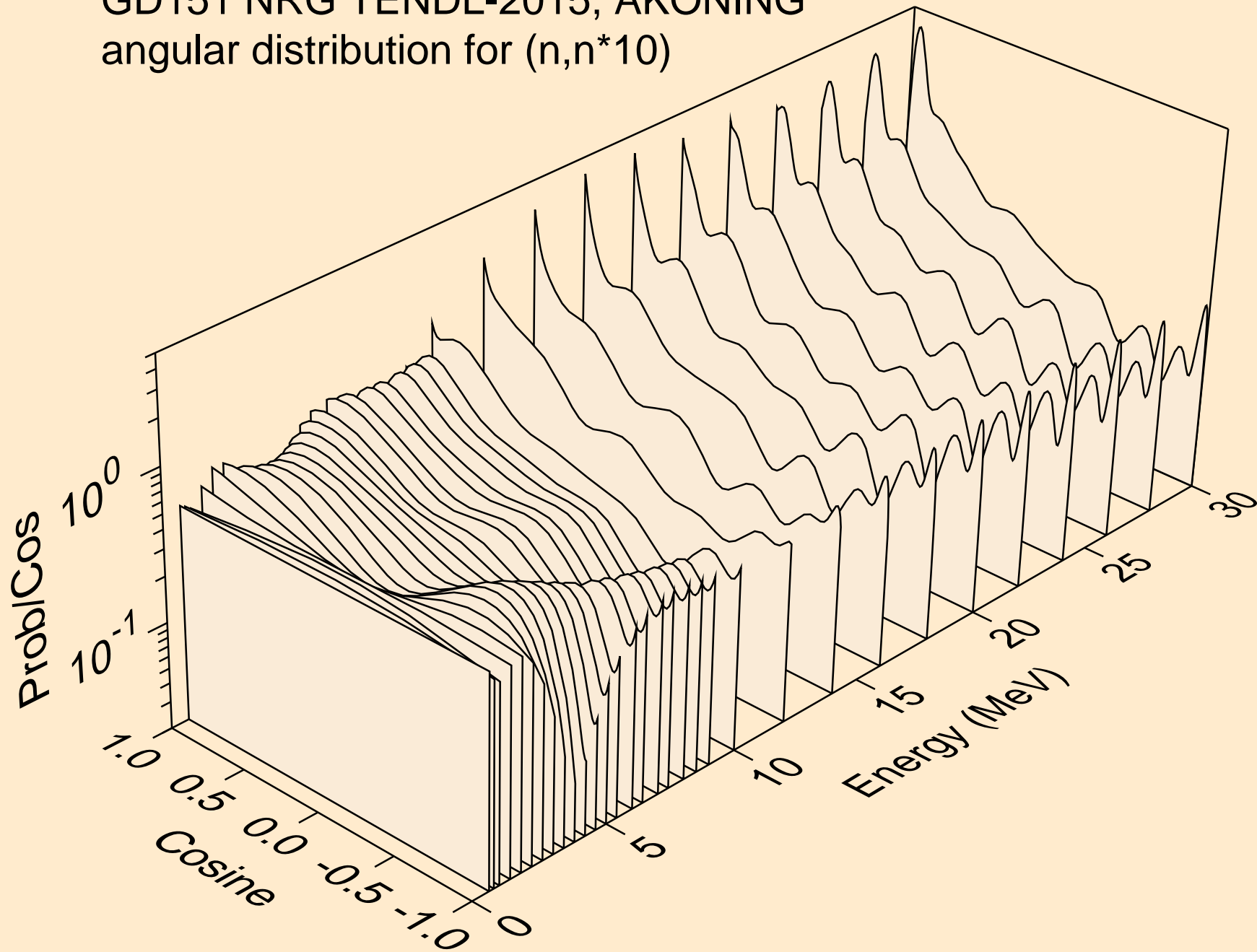
GD151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



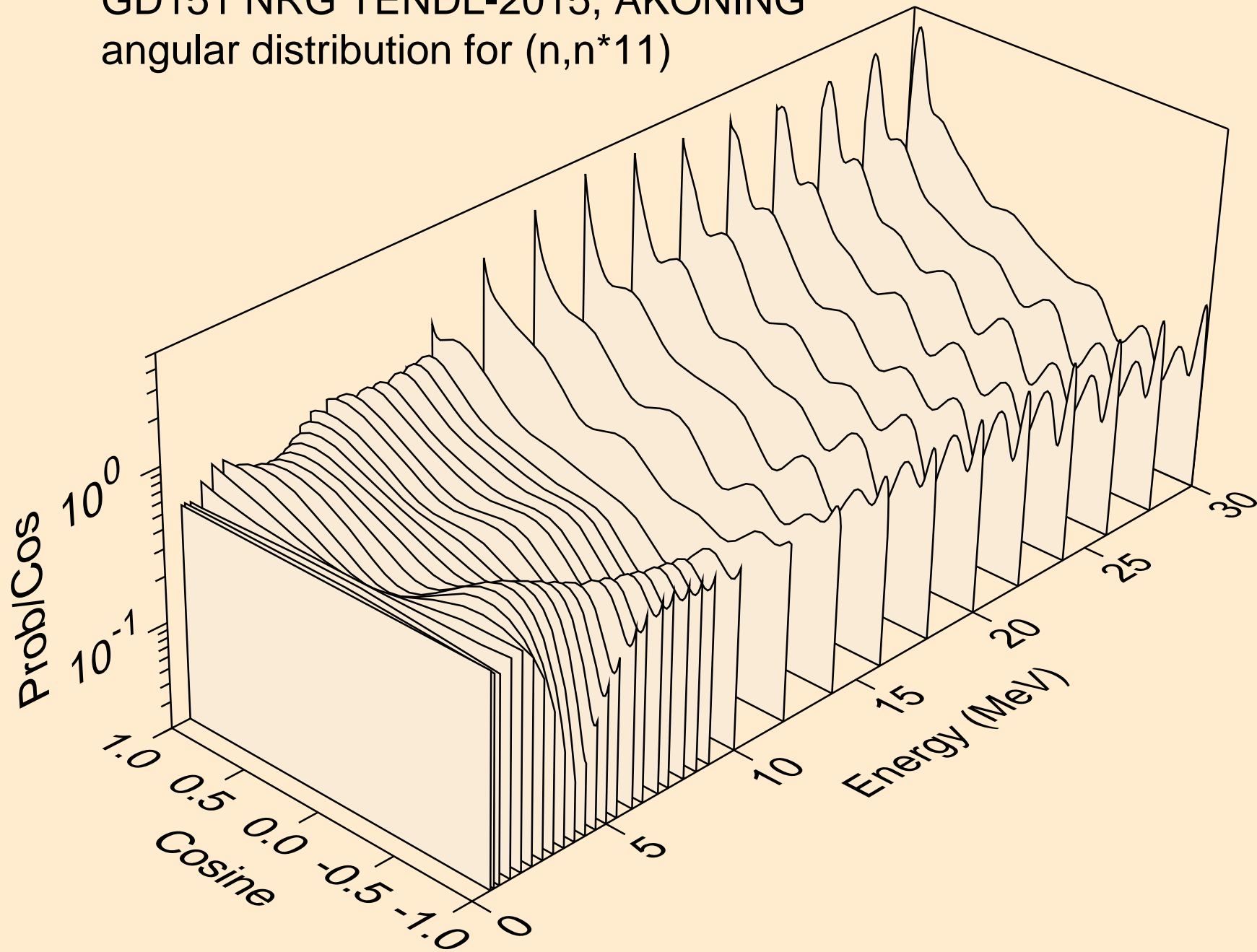
GD151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



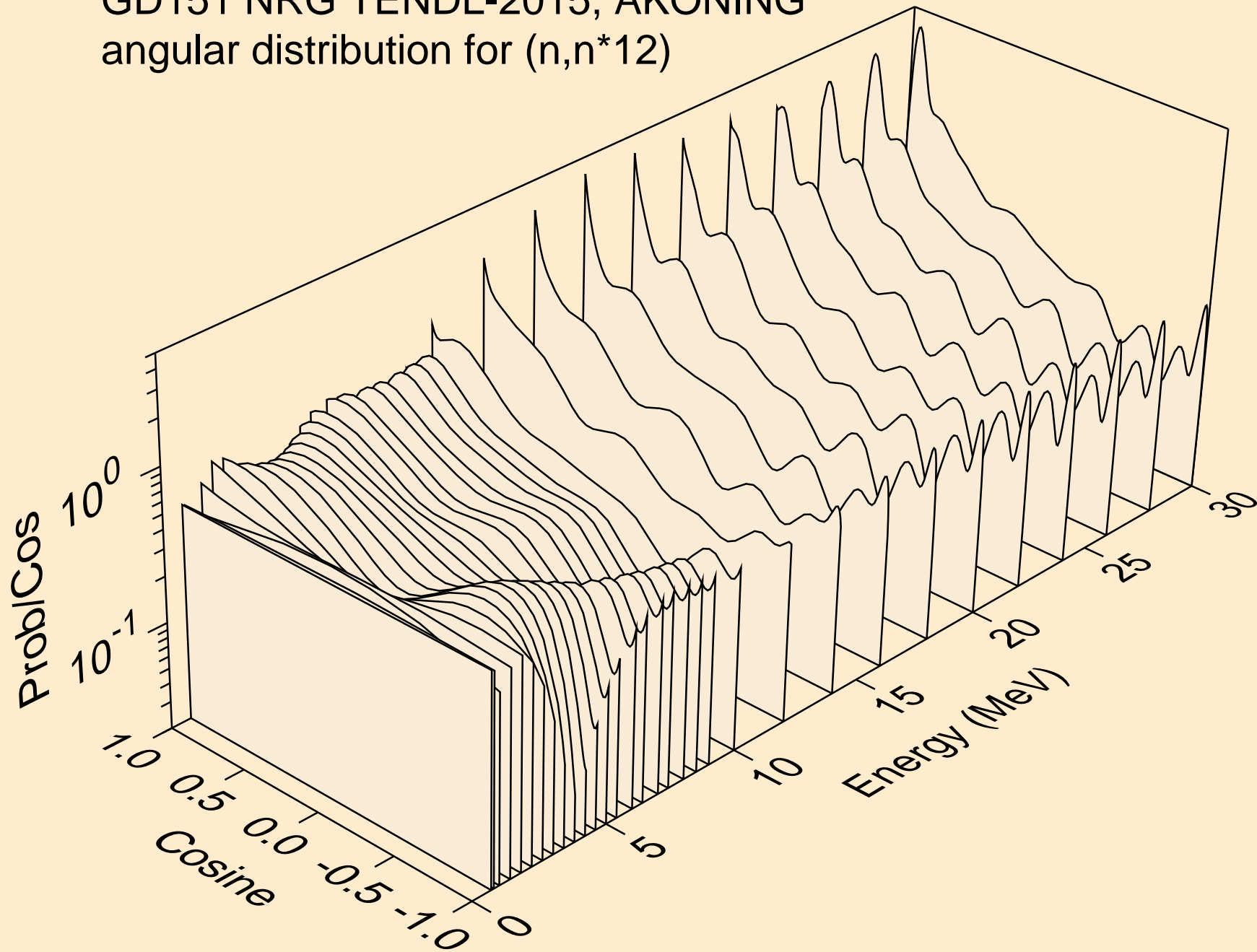
GD151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



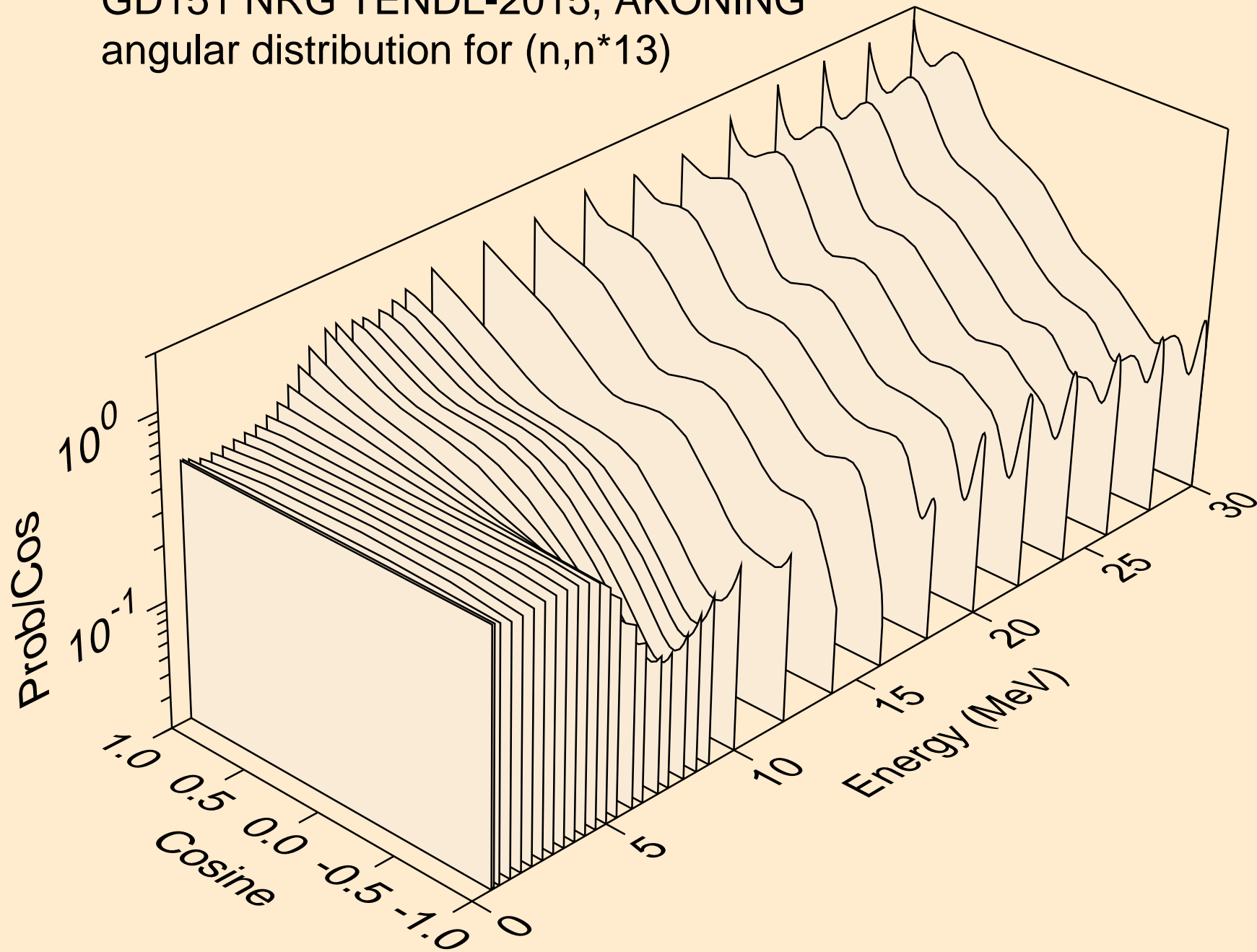
GD151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



GD151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)

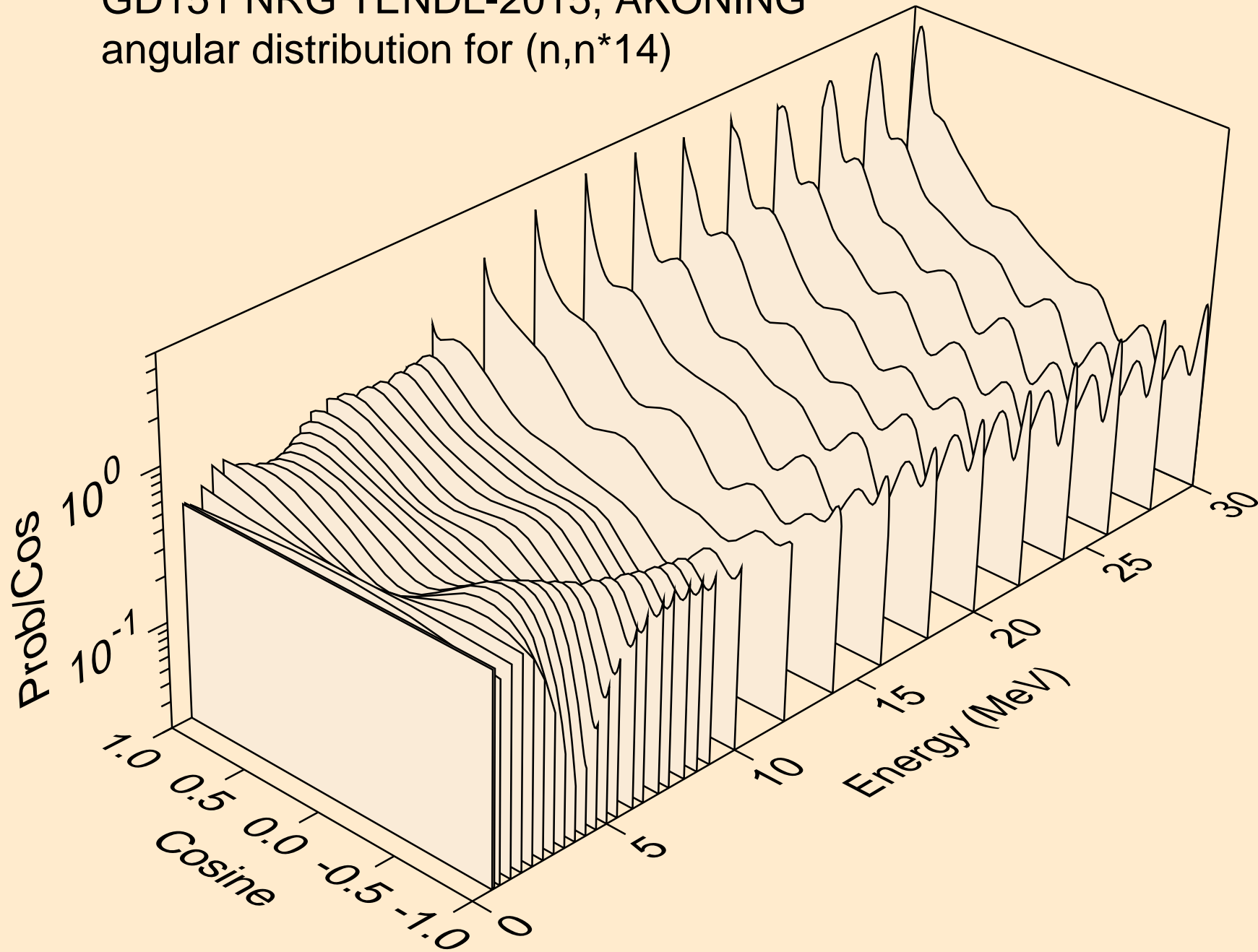


GD151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

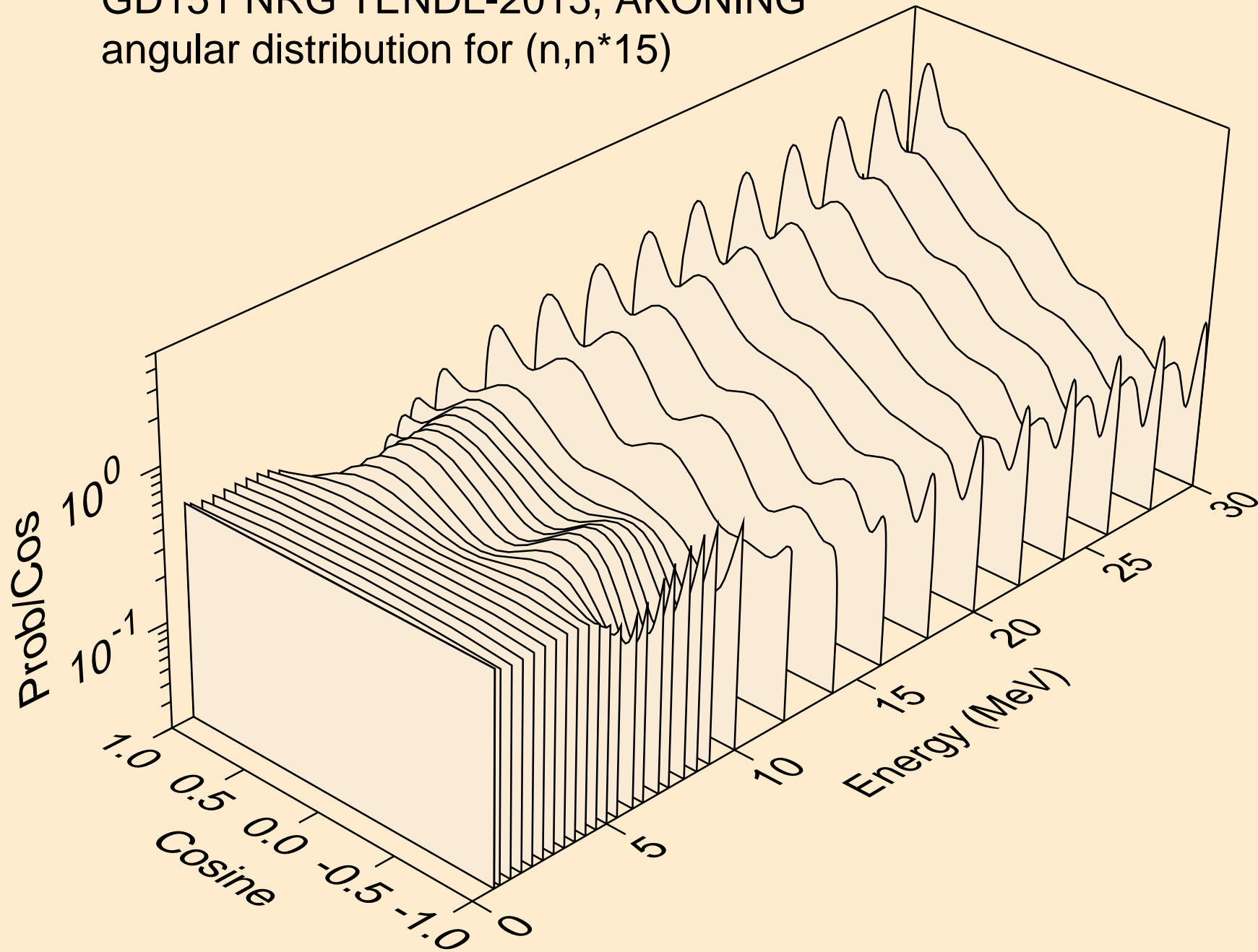




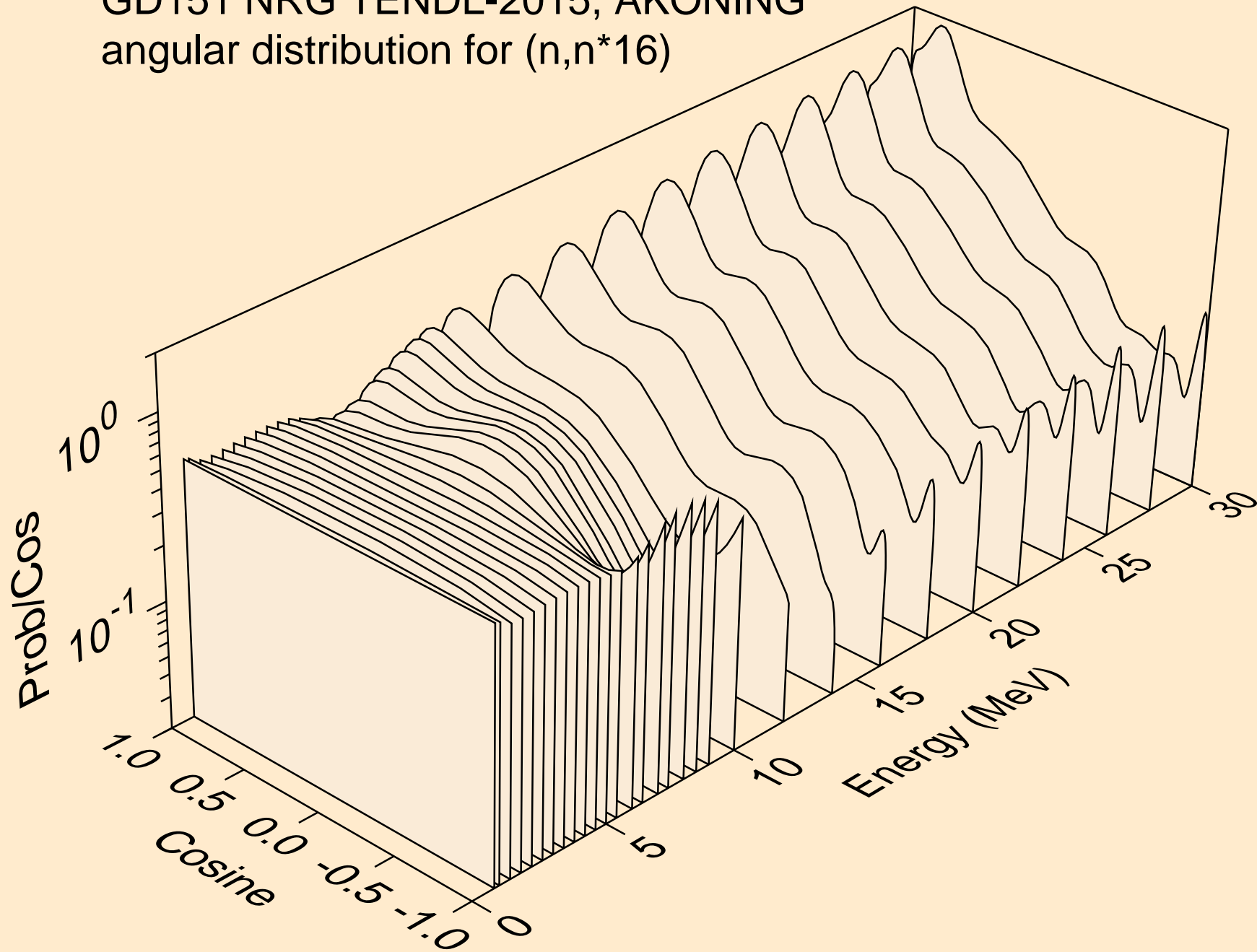
GD151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



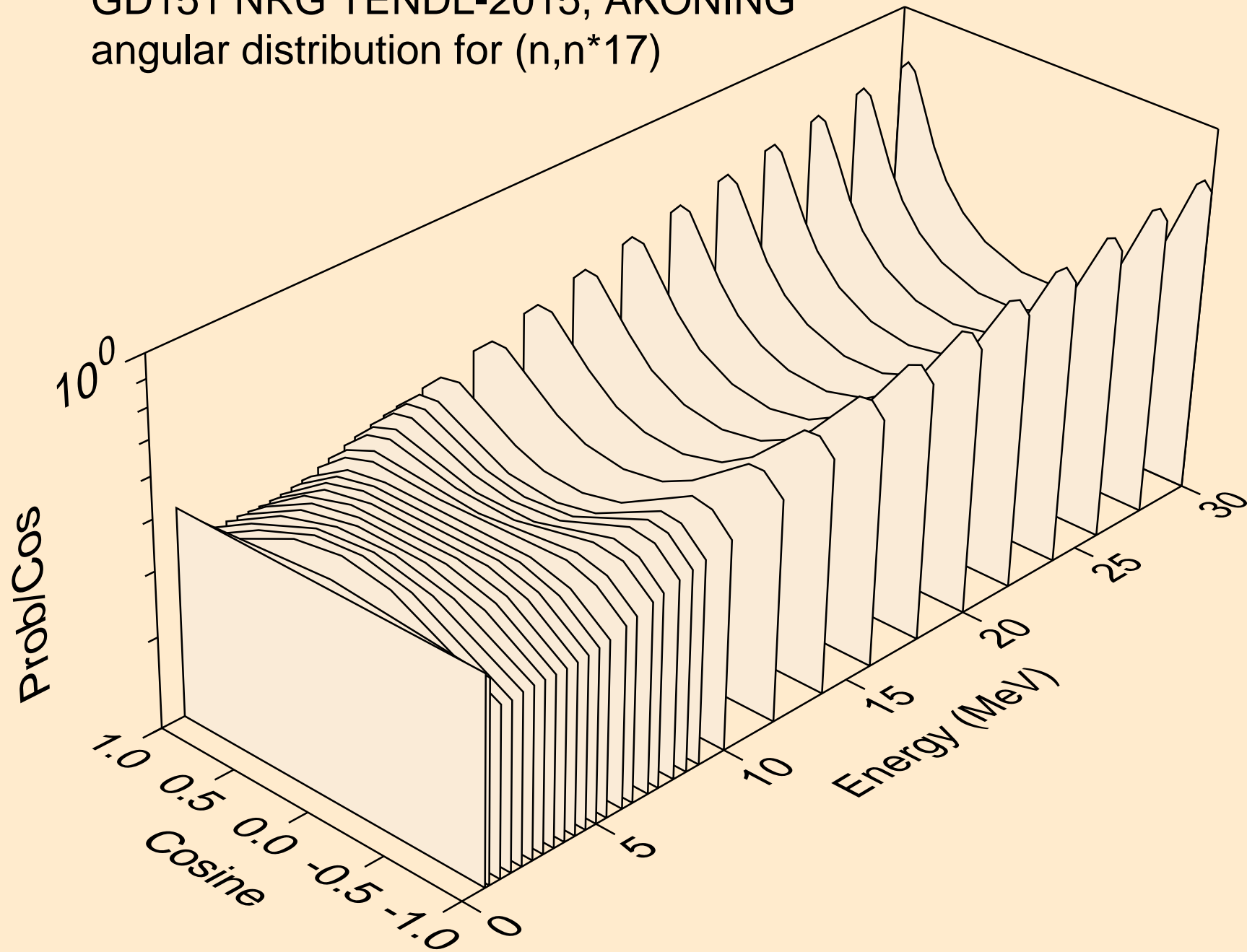
GD151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



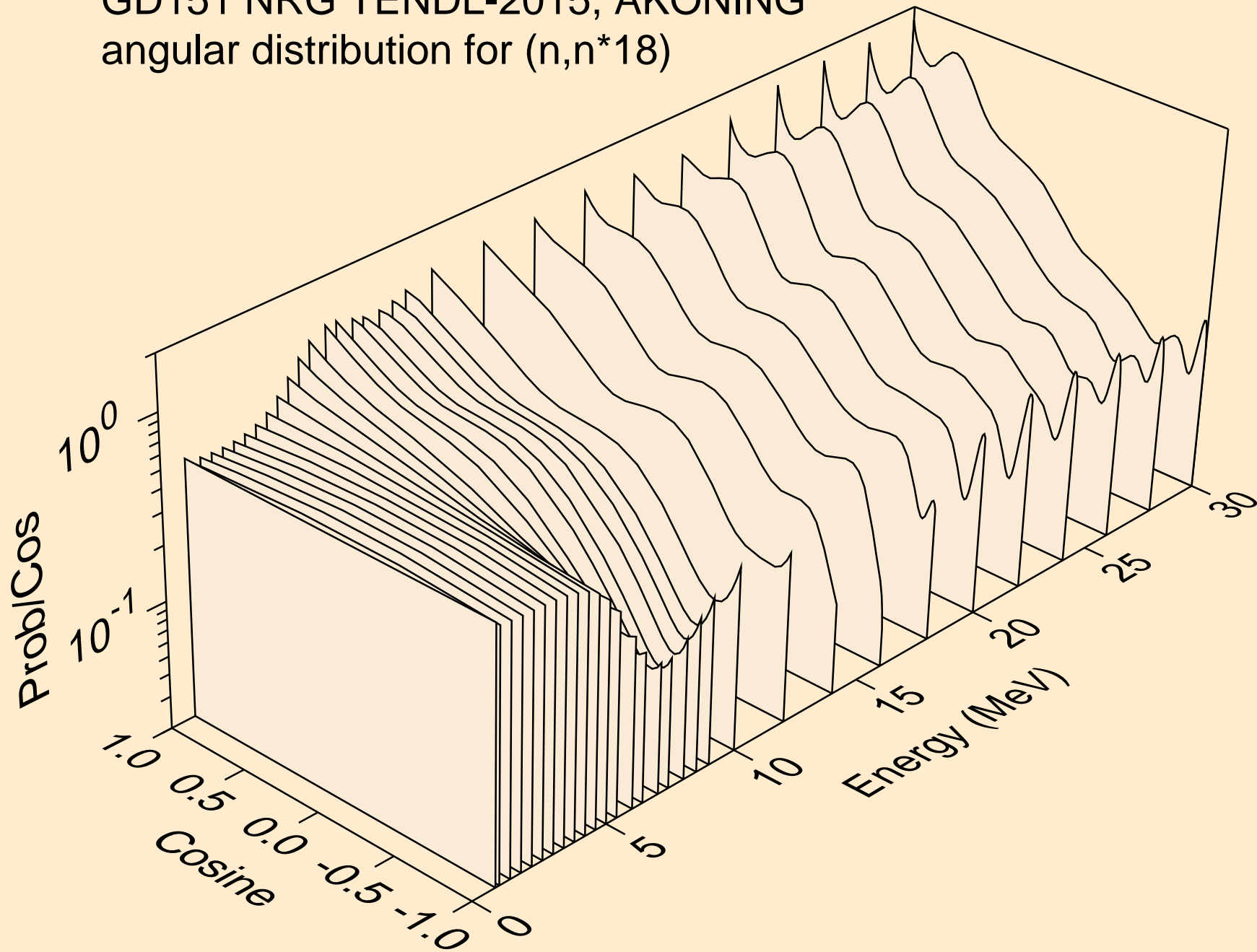
GD151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



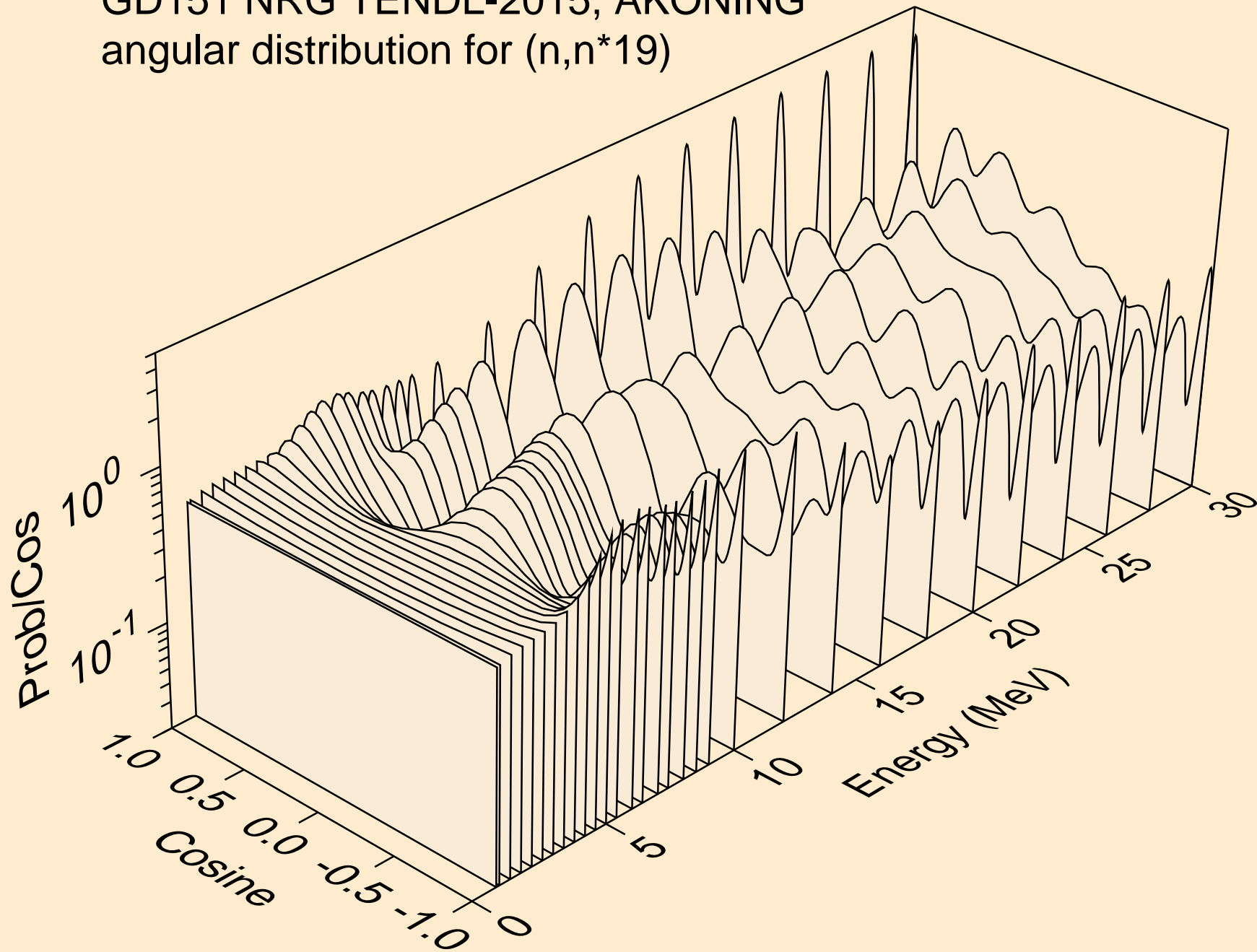
GD151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



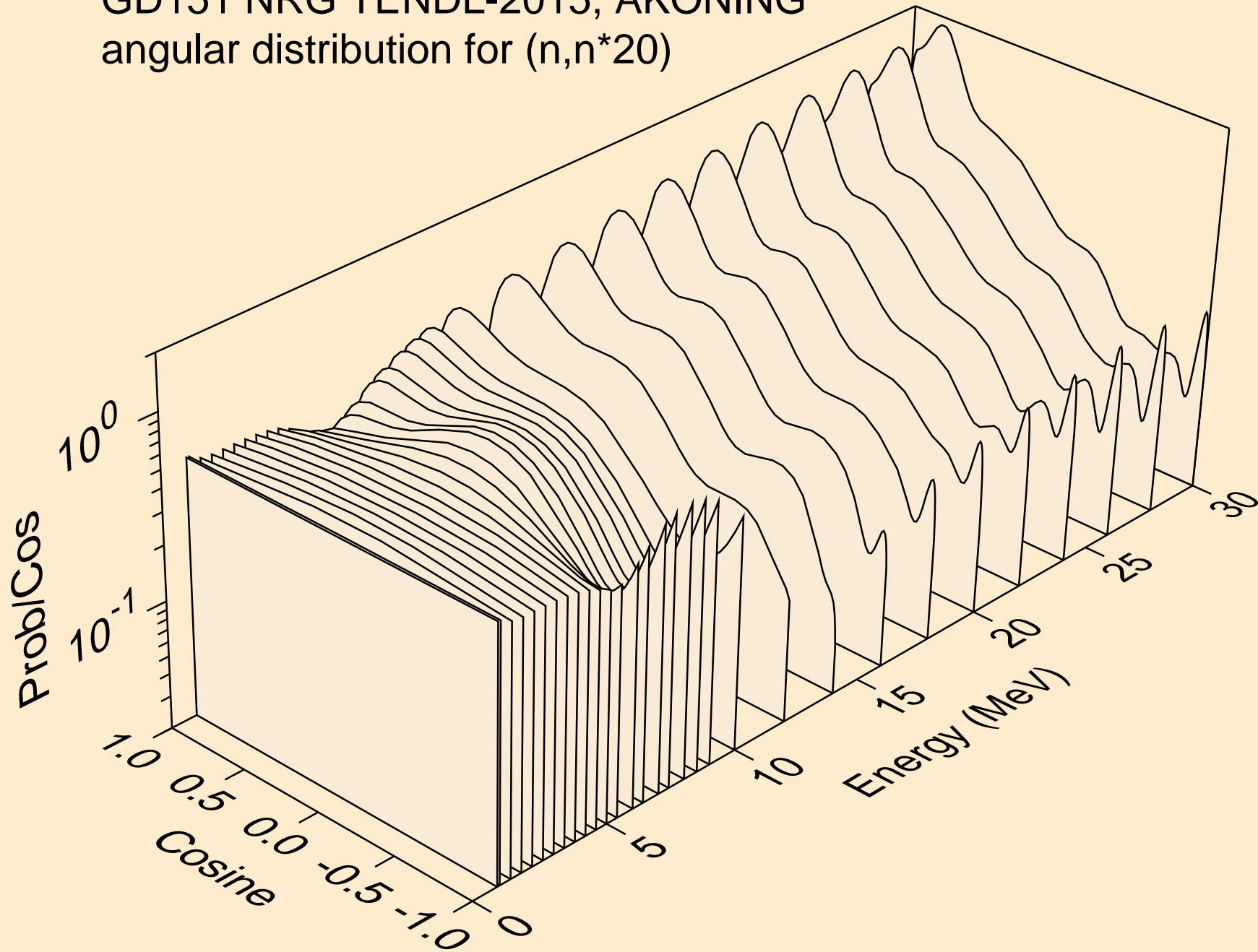
GD151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



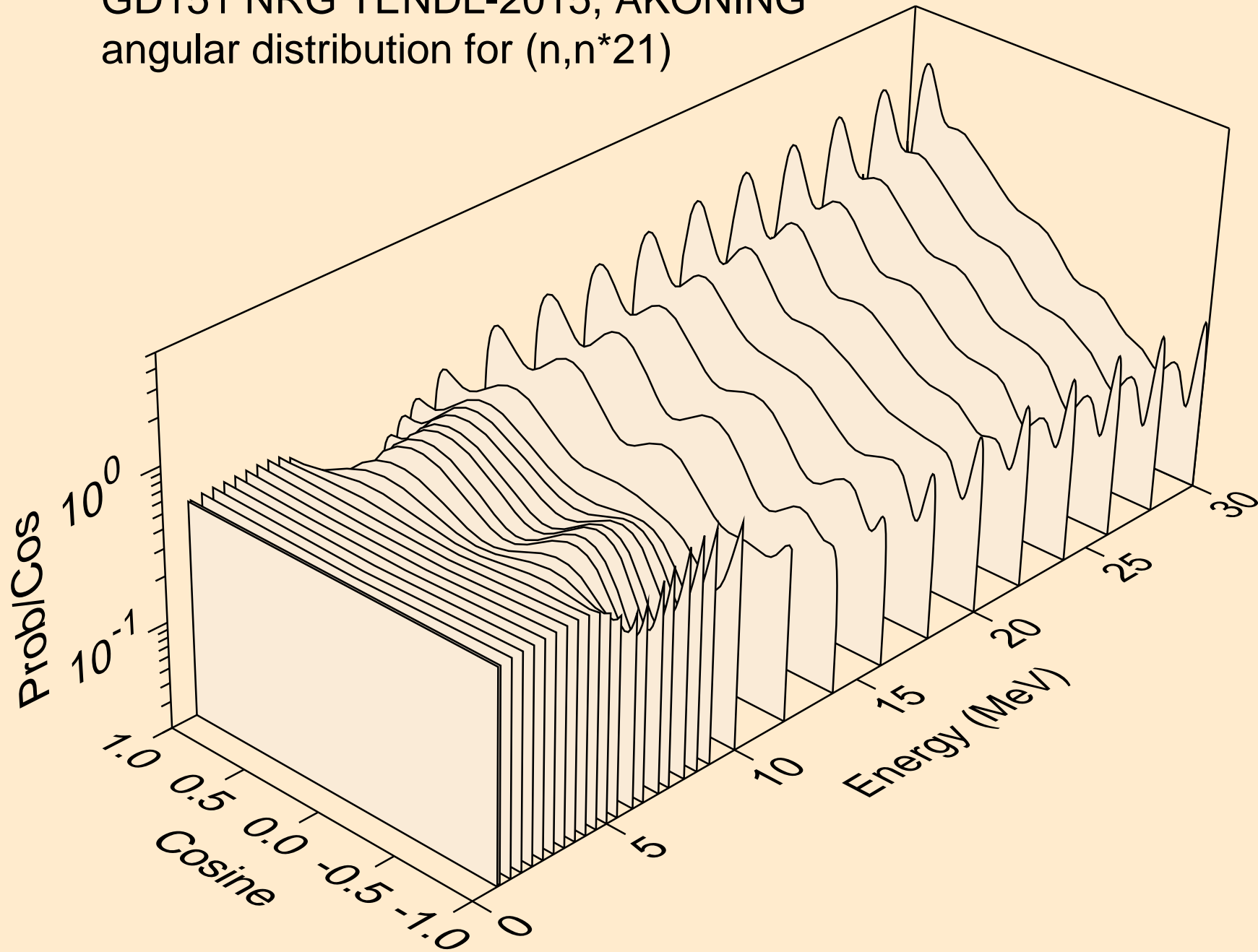
GD151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



GD151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)

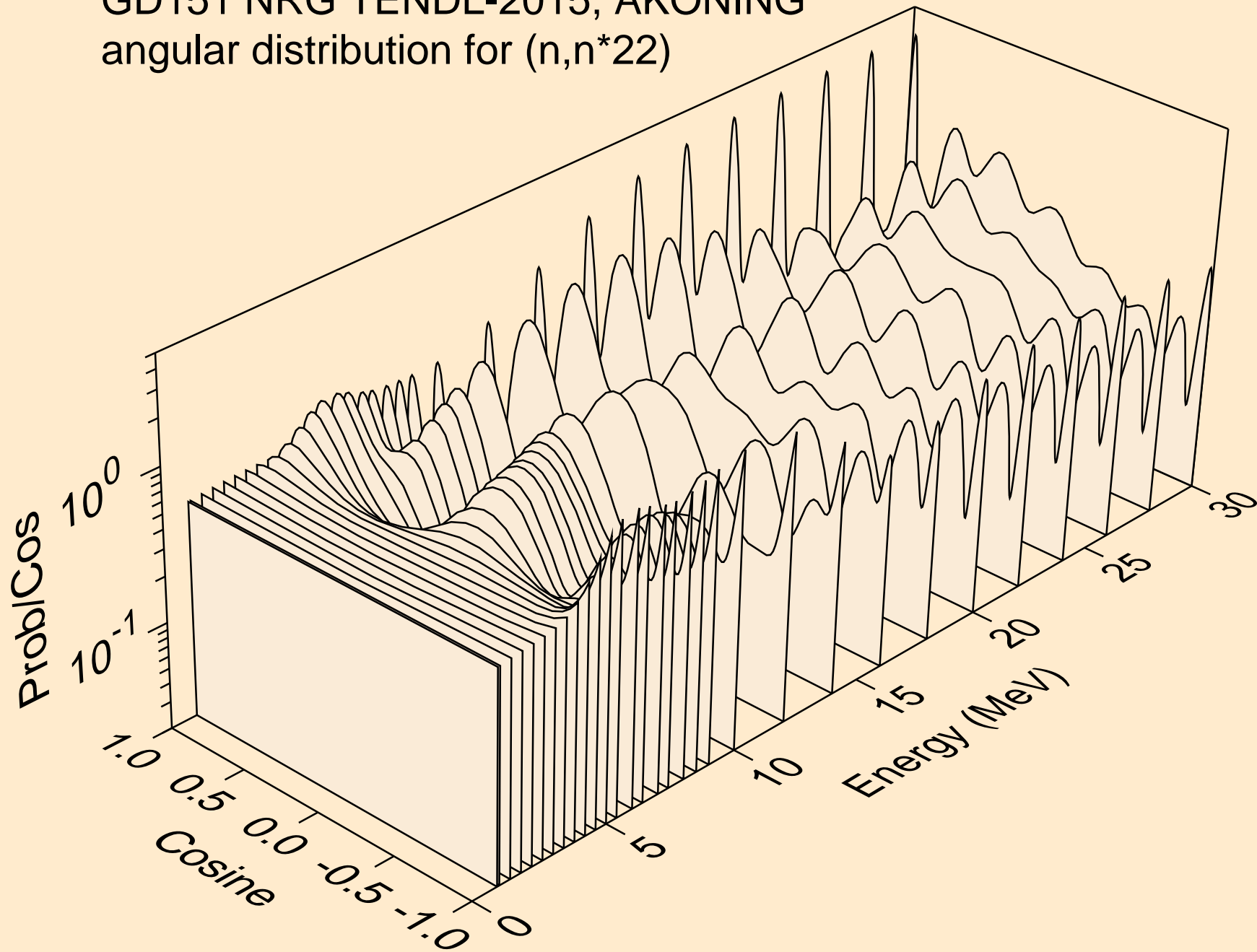


GD151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

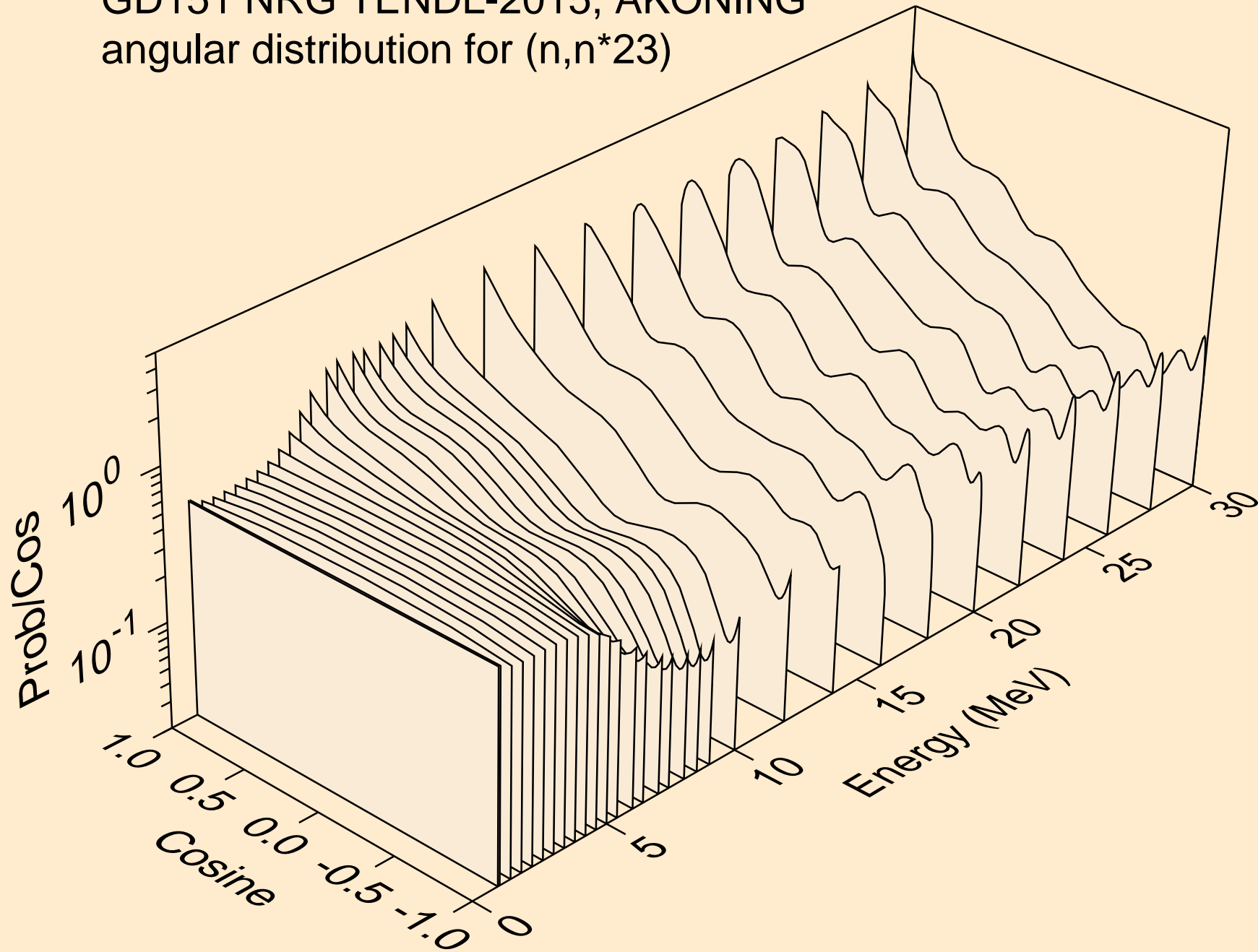




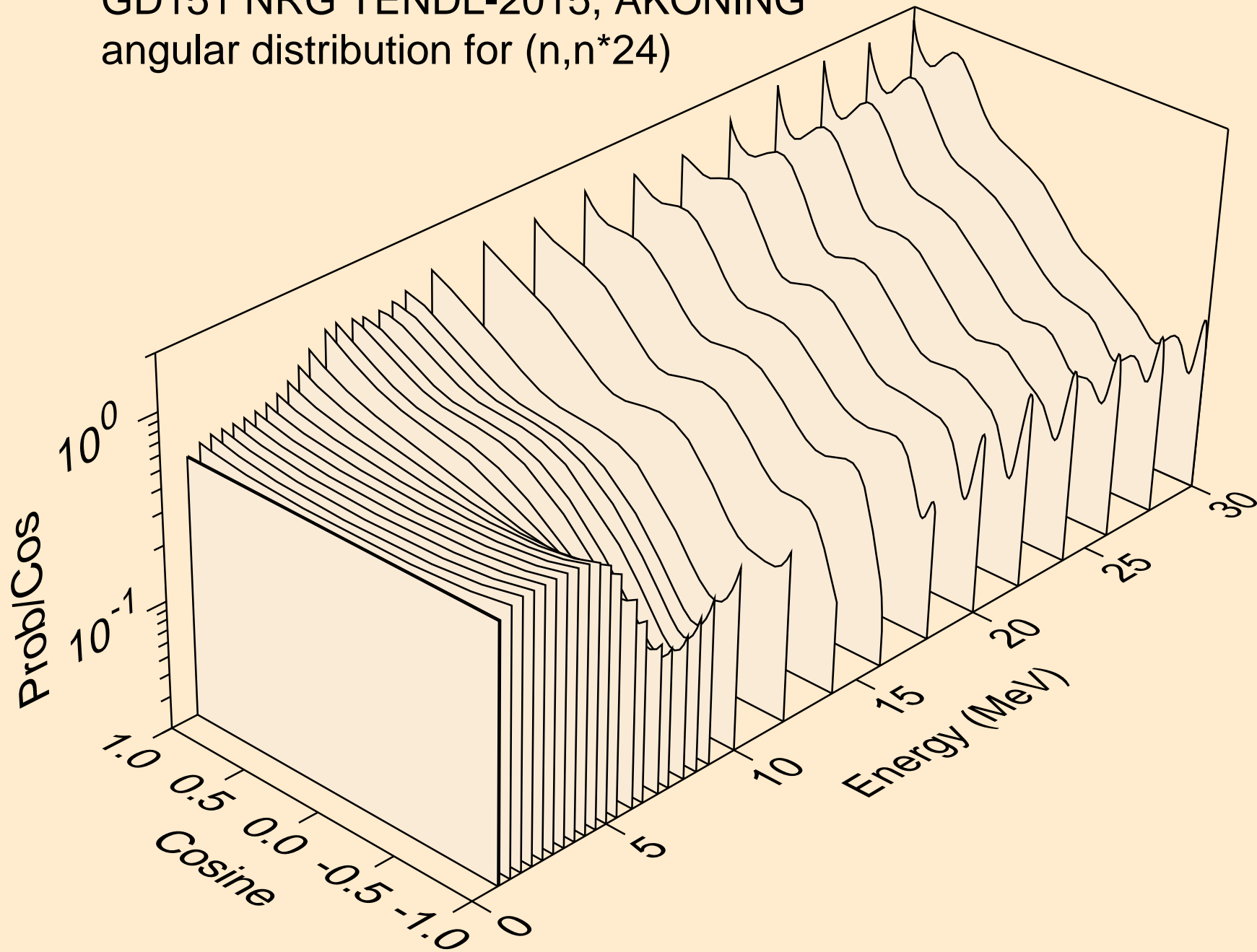
GD151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



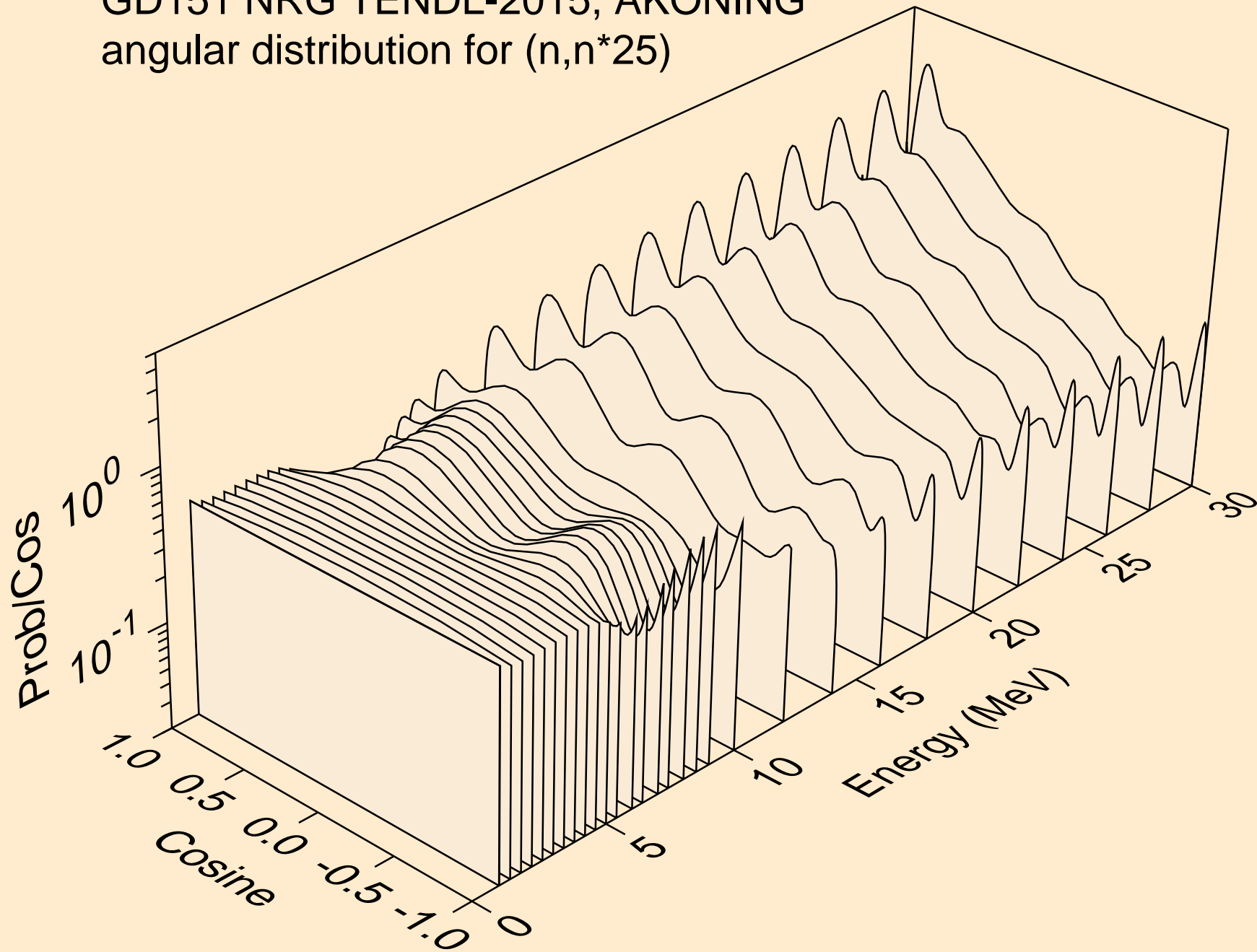
GD151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



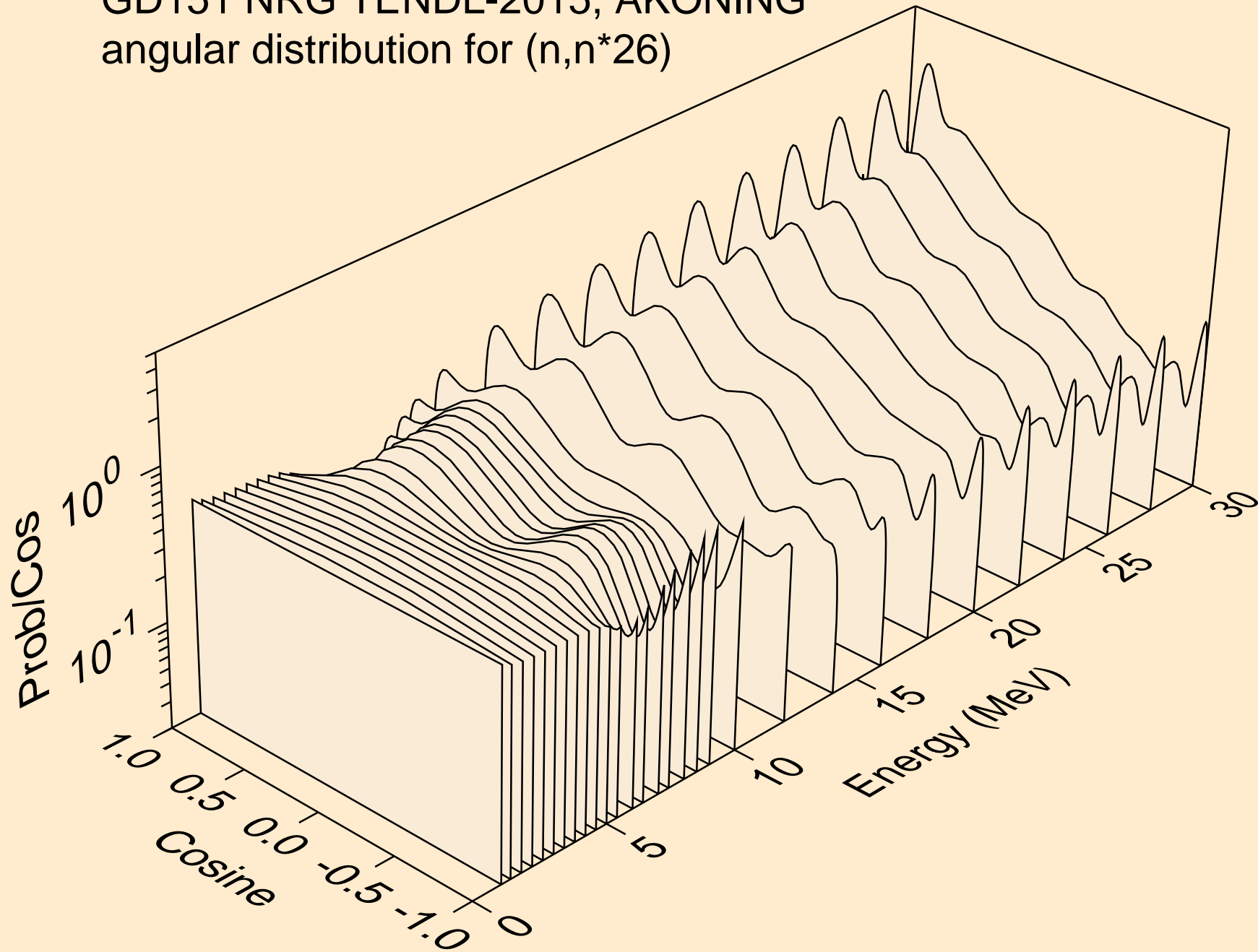
GD151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



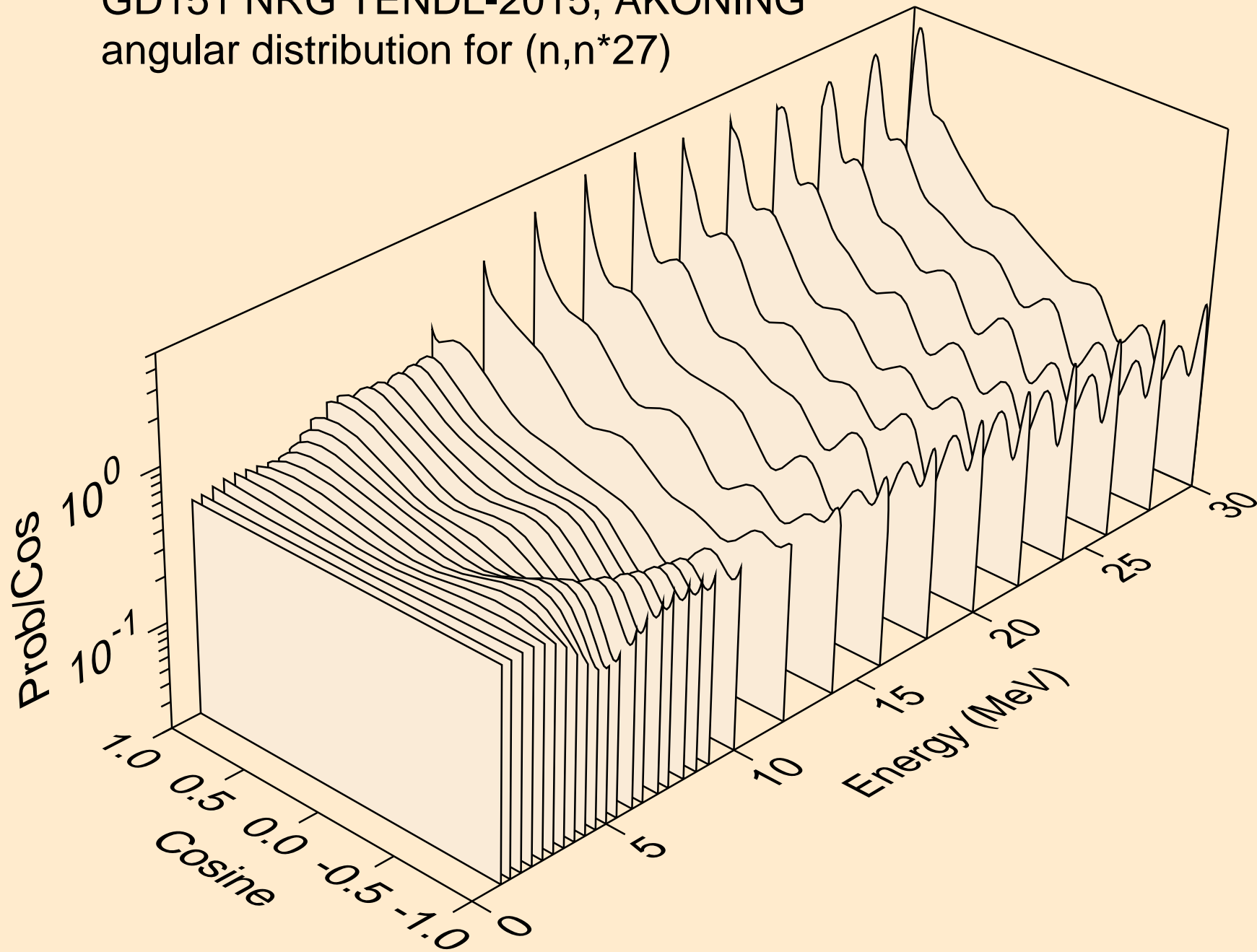
GD151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



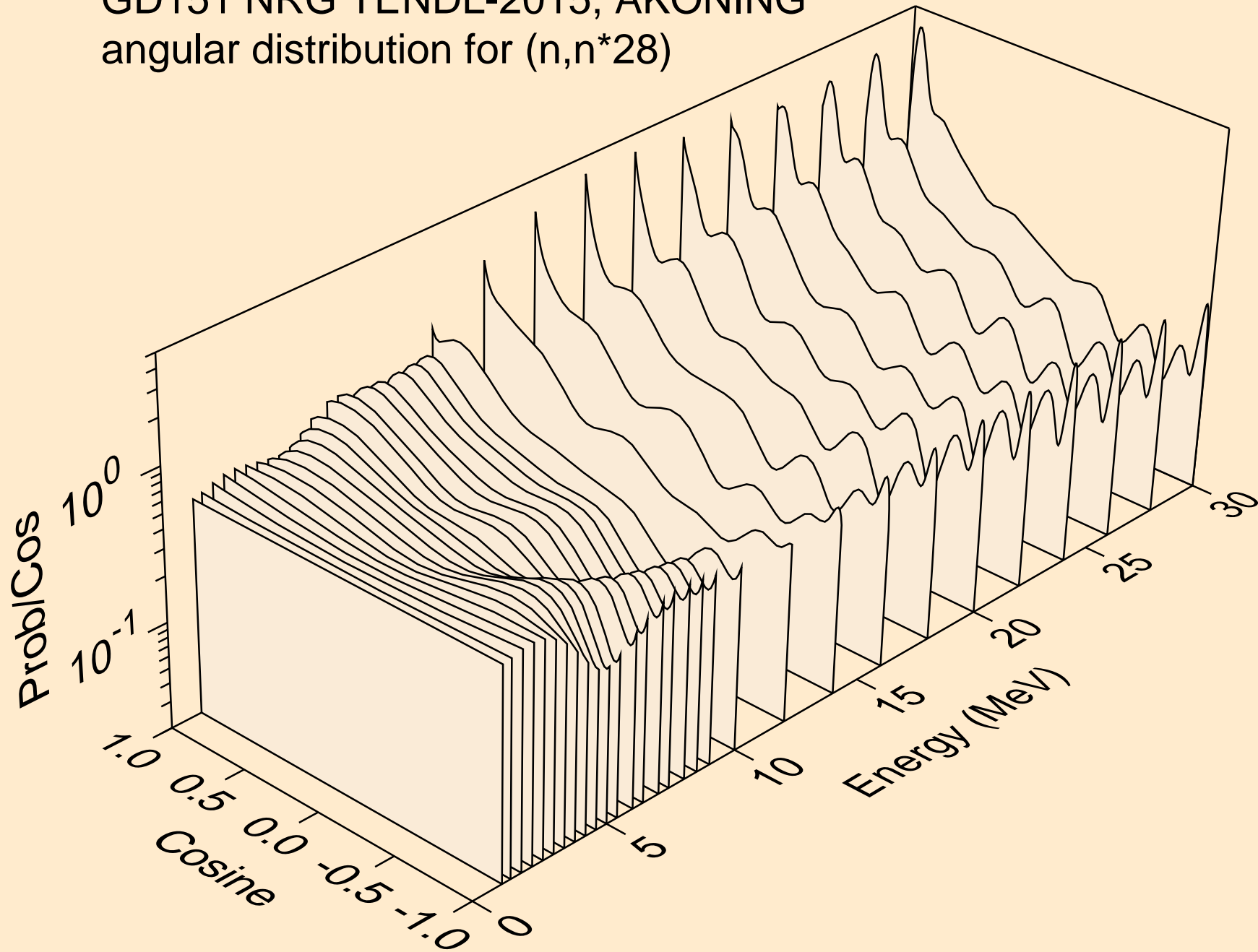
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angular distribution for (n,n\*26)



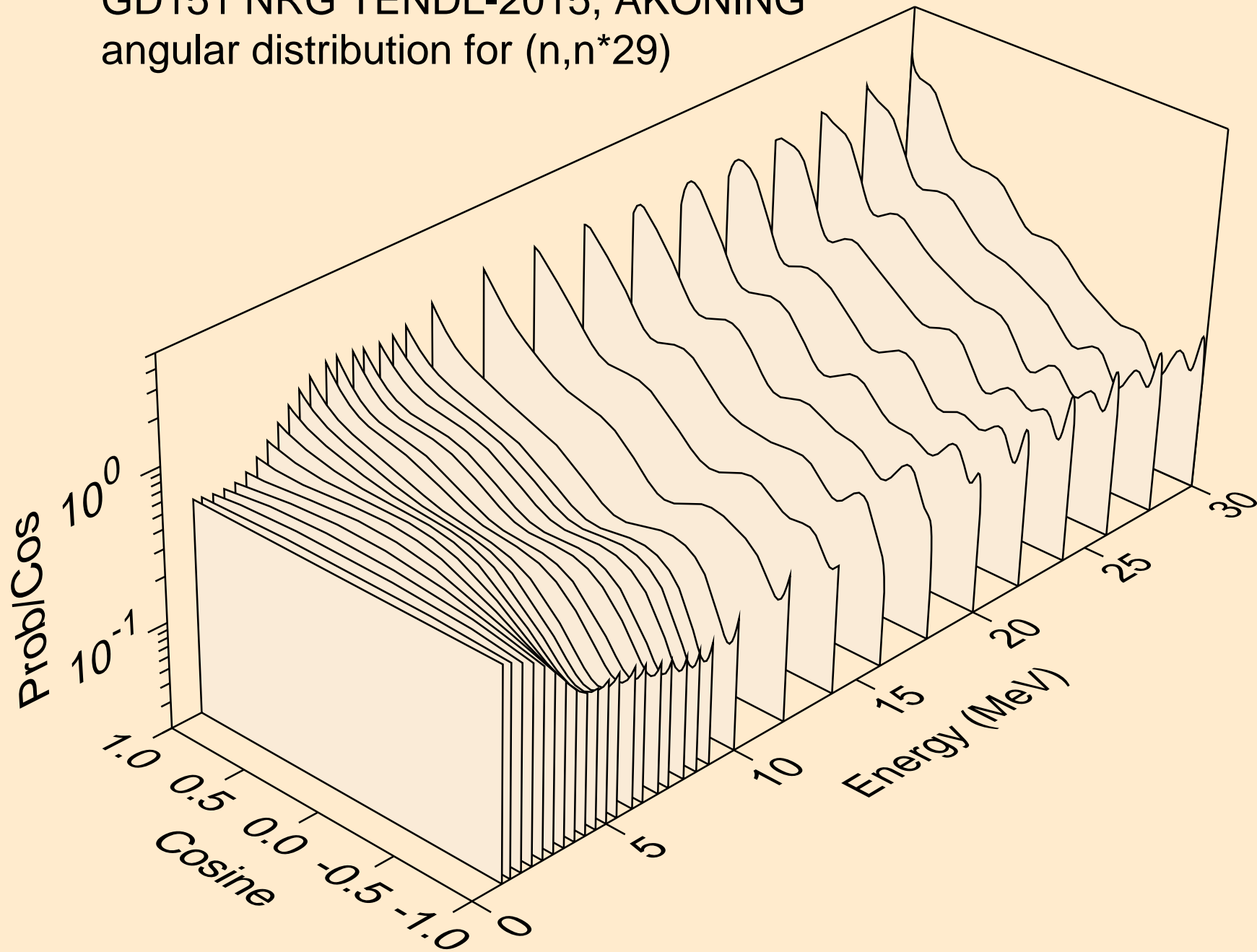
GD151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



GD151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)

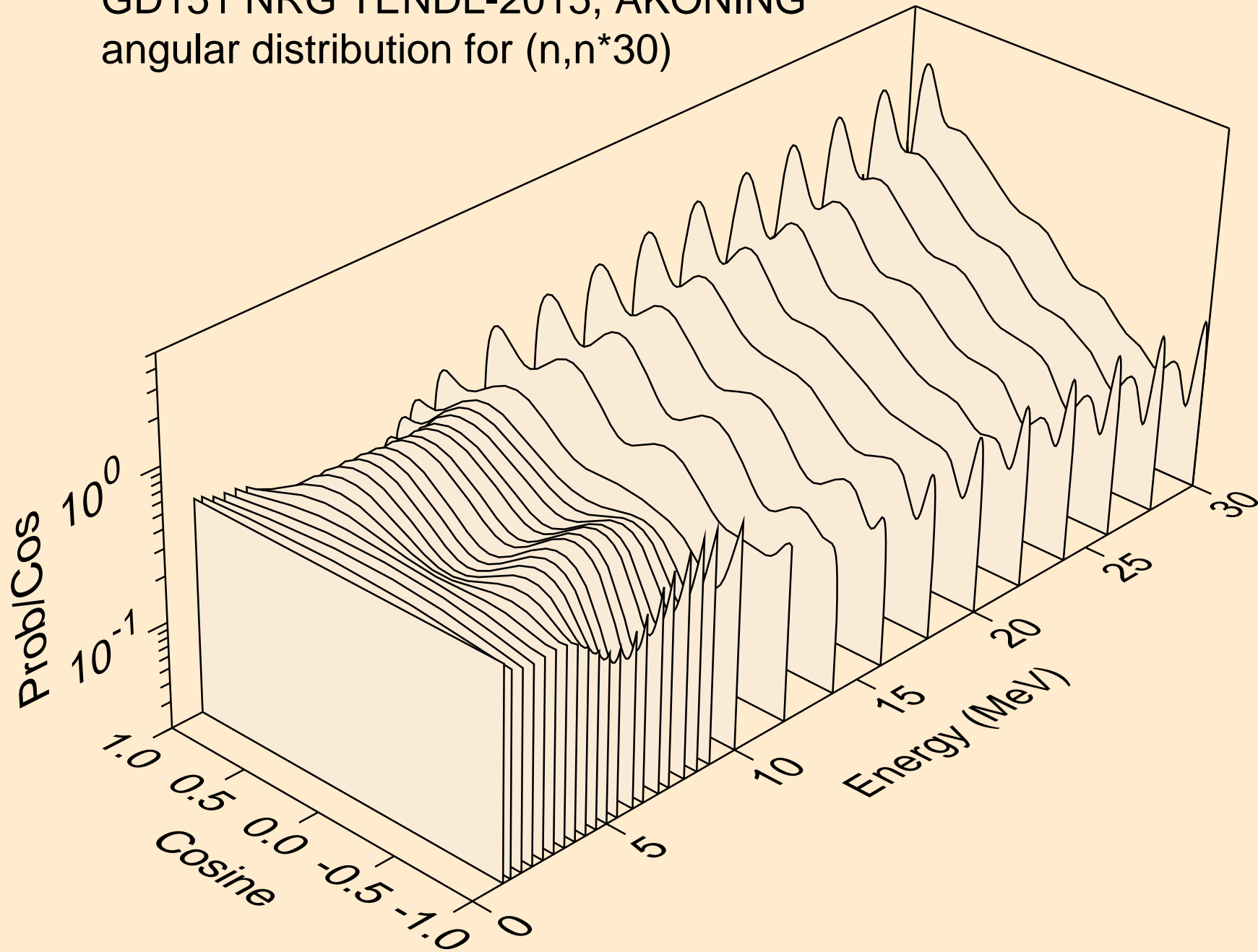


GD151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)

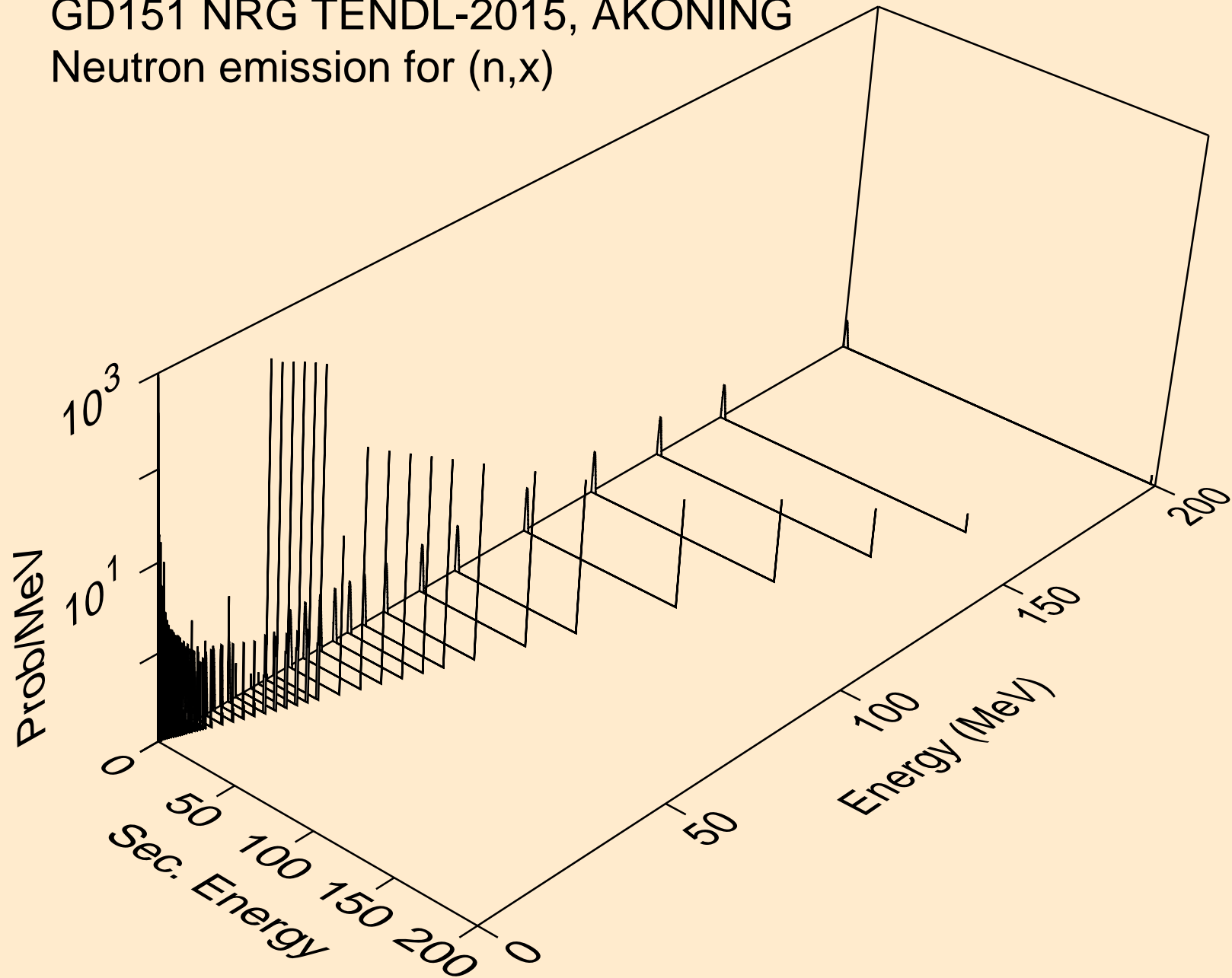




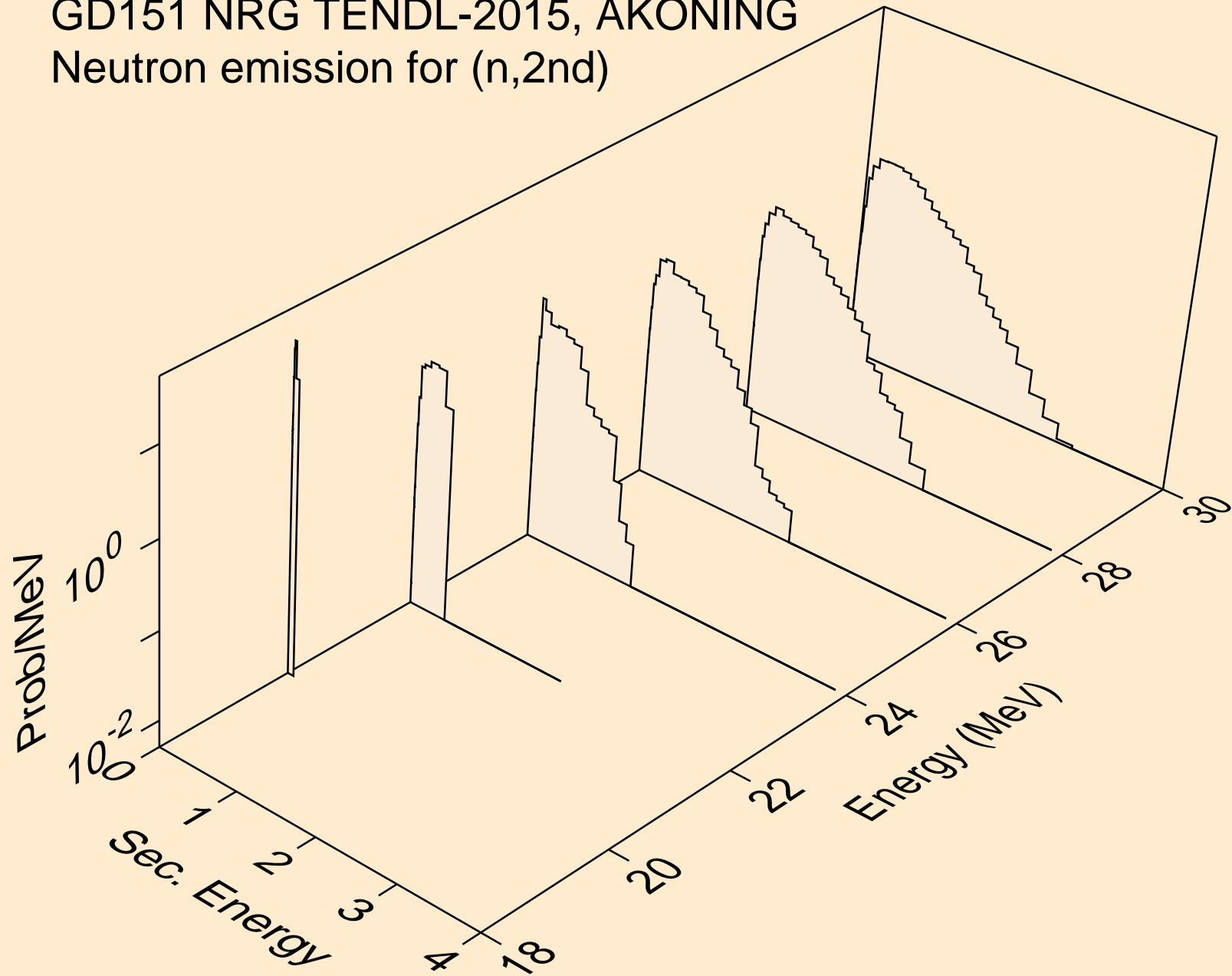
GD151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)



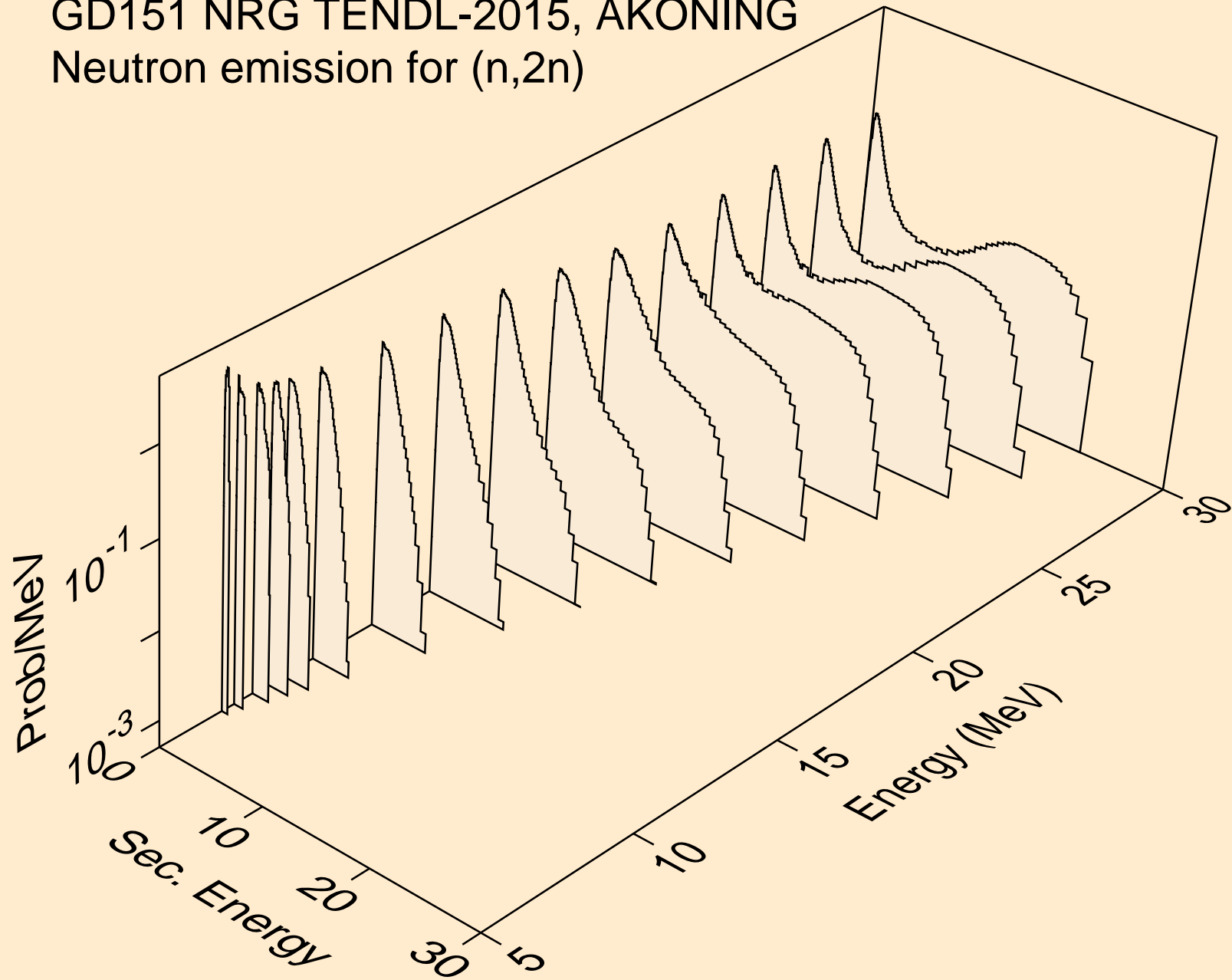
GD151 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



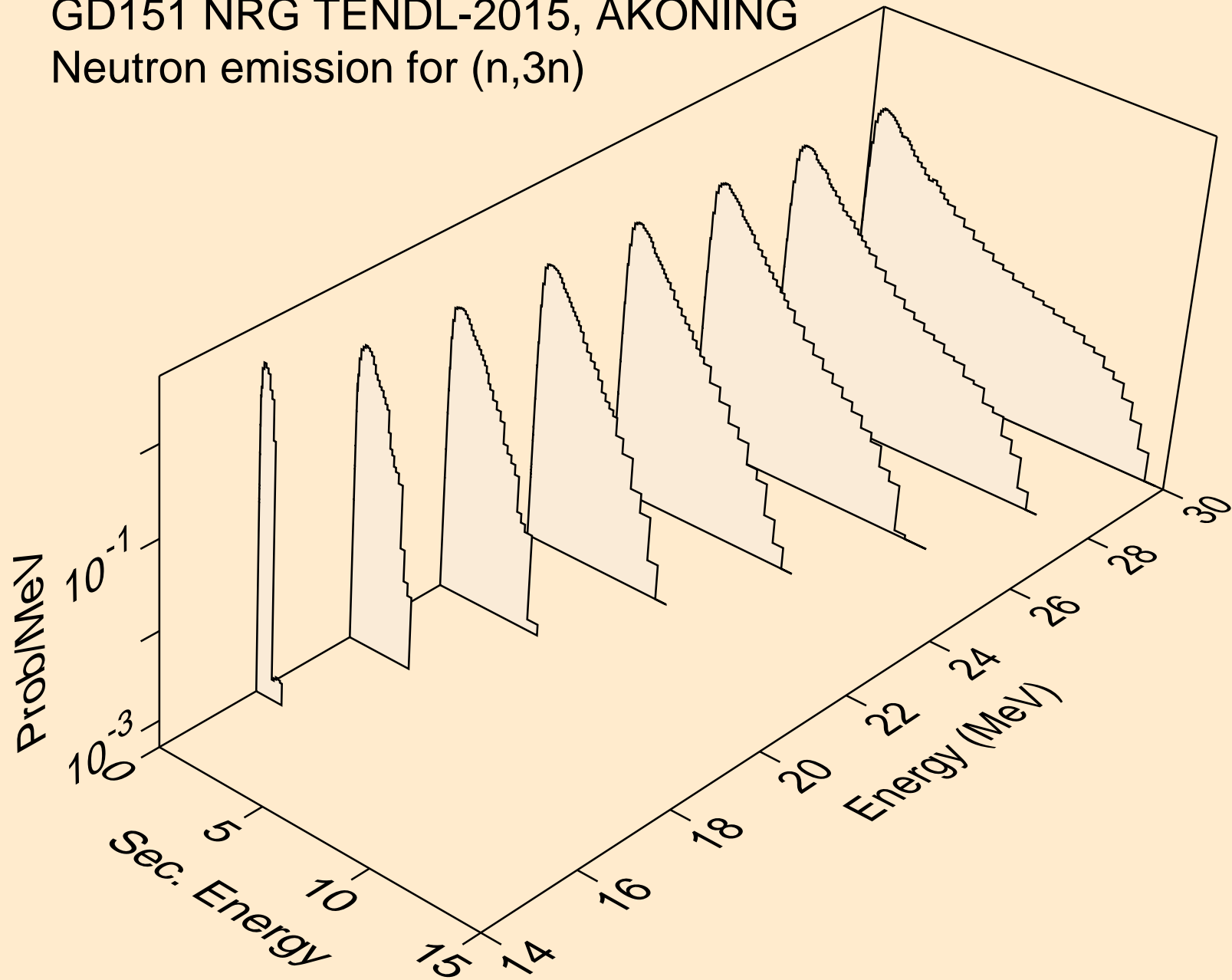
GD151 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



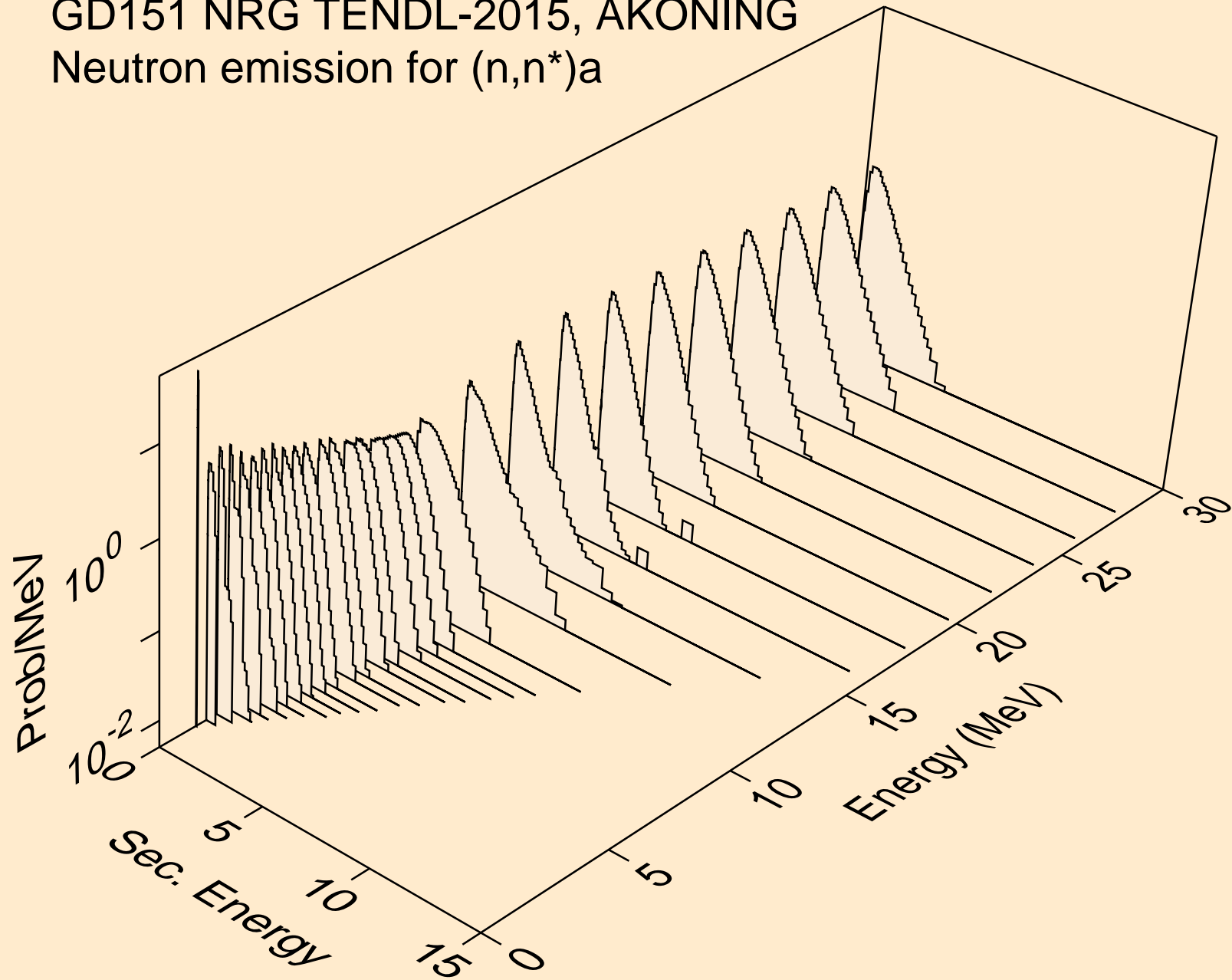
GD151 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



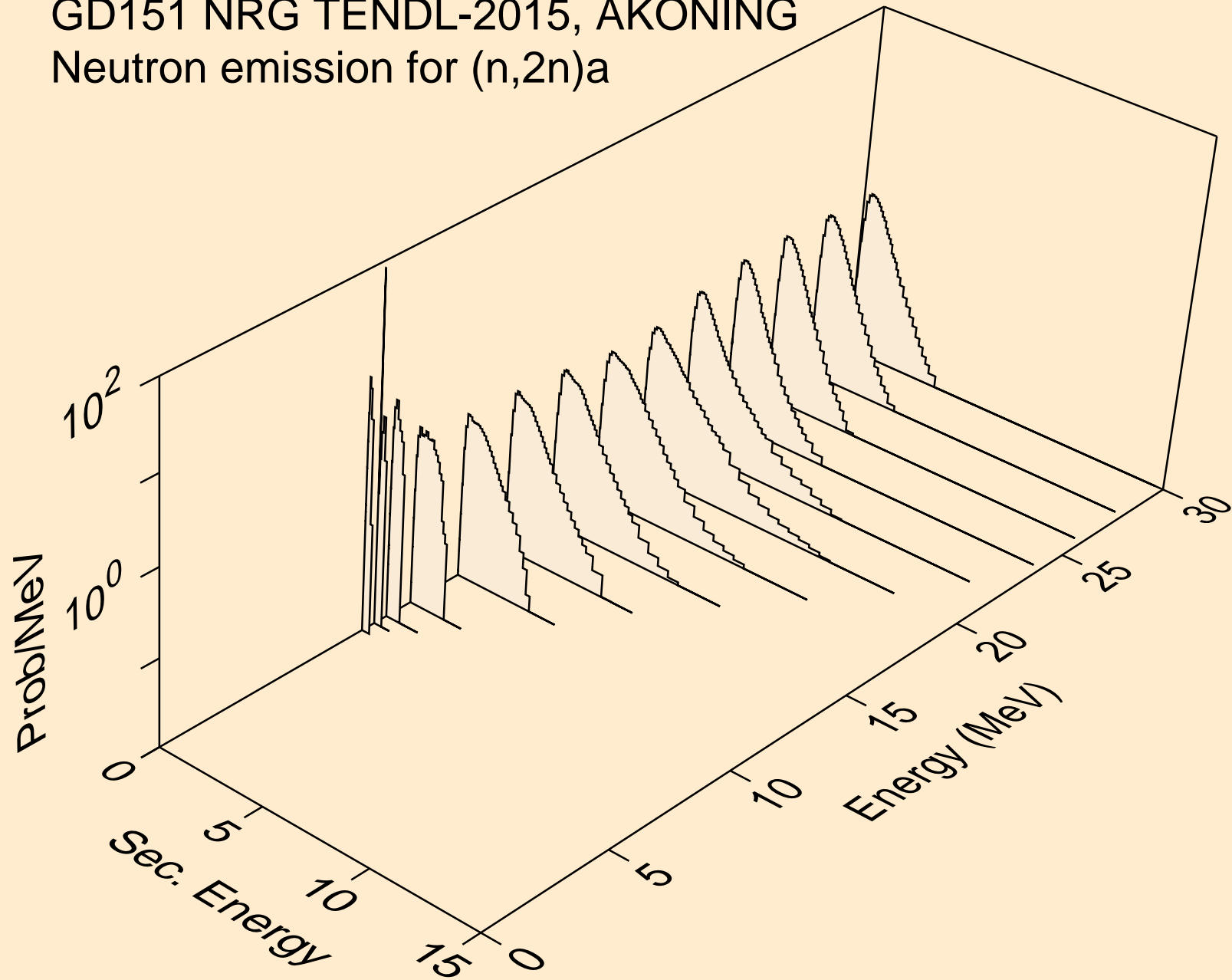
GD151 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



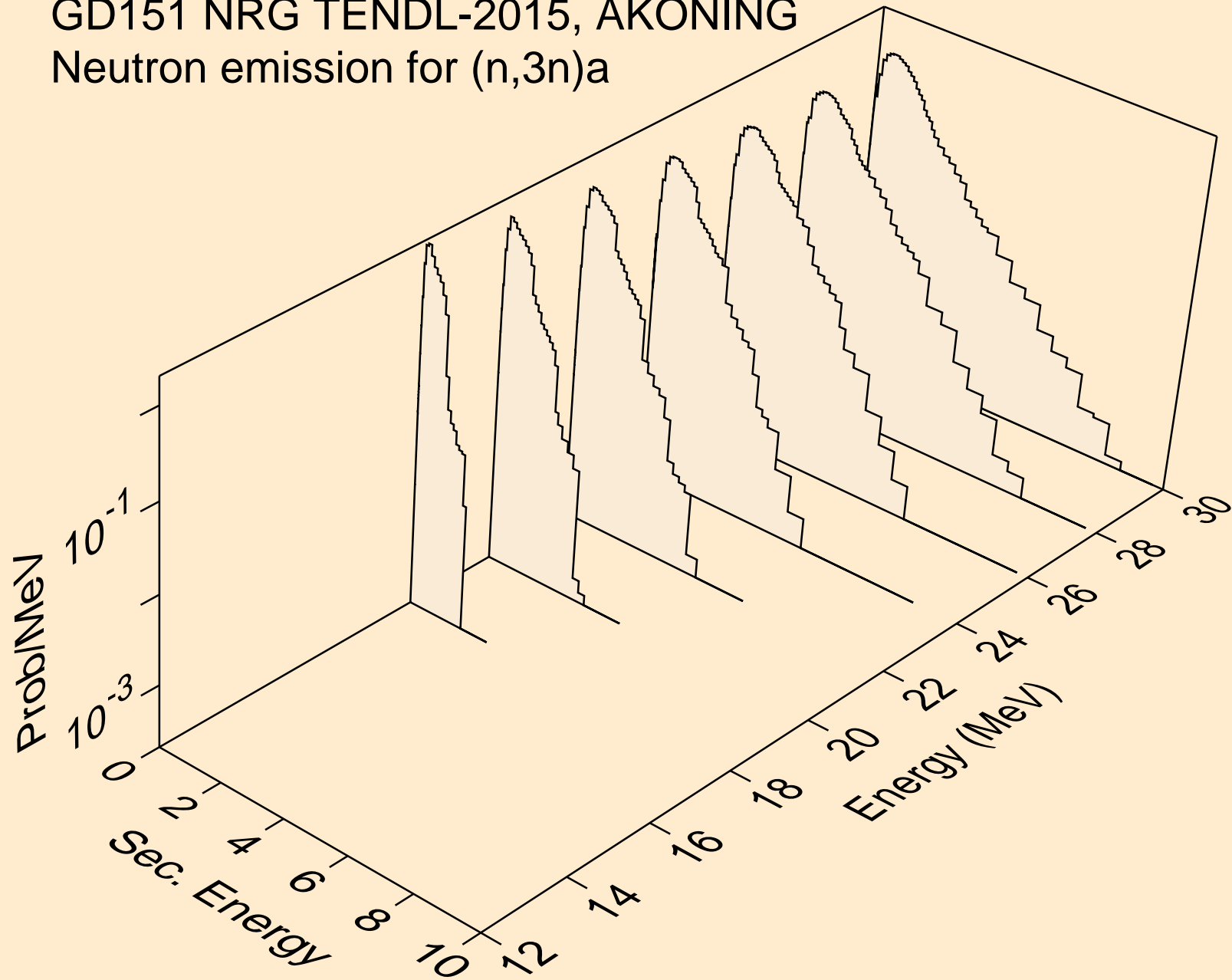
GD151 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



GD151 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a

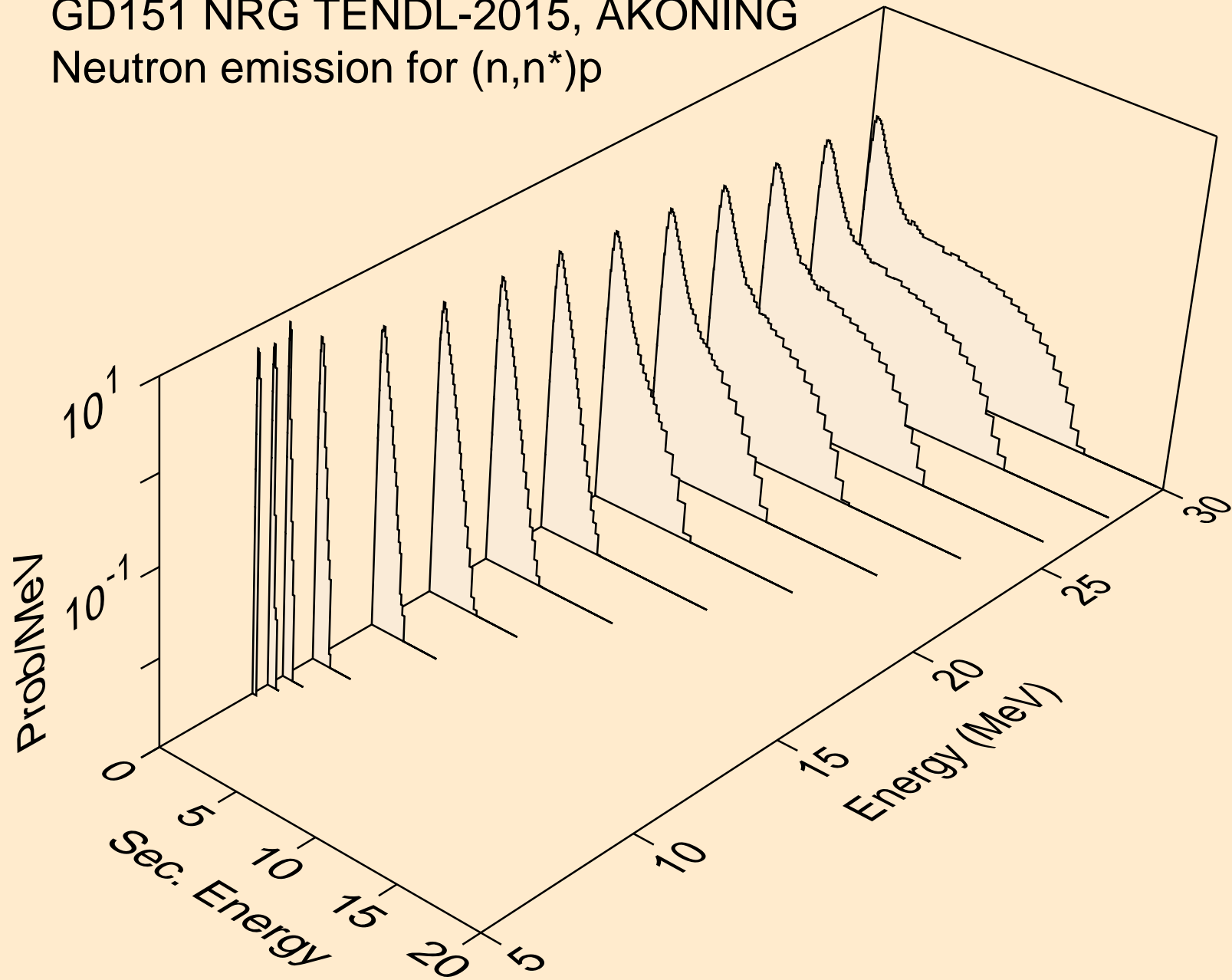


GD151 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

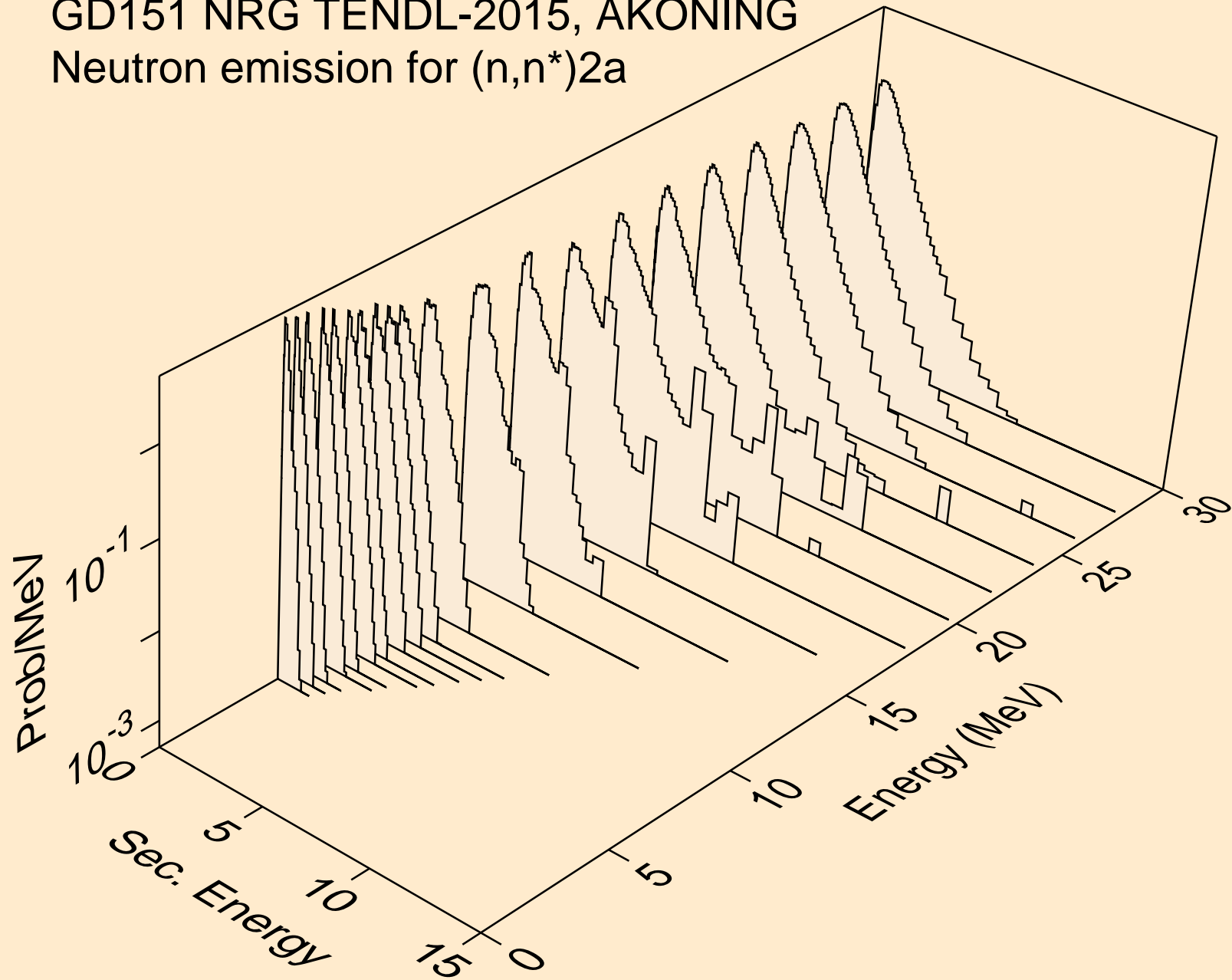




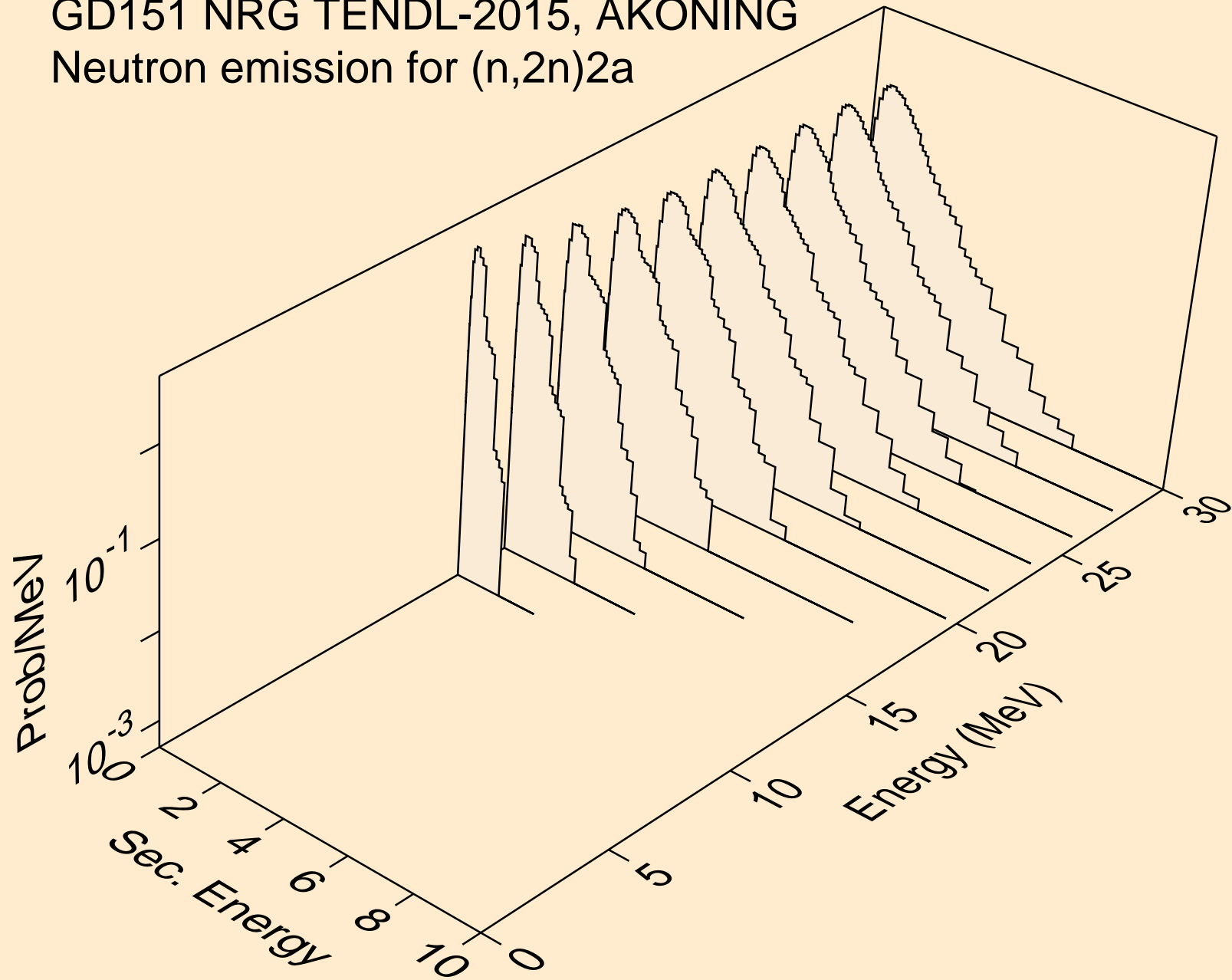
GD151 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



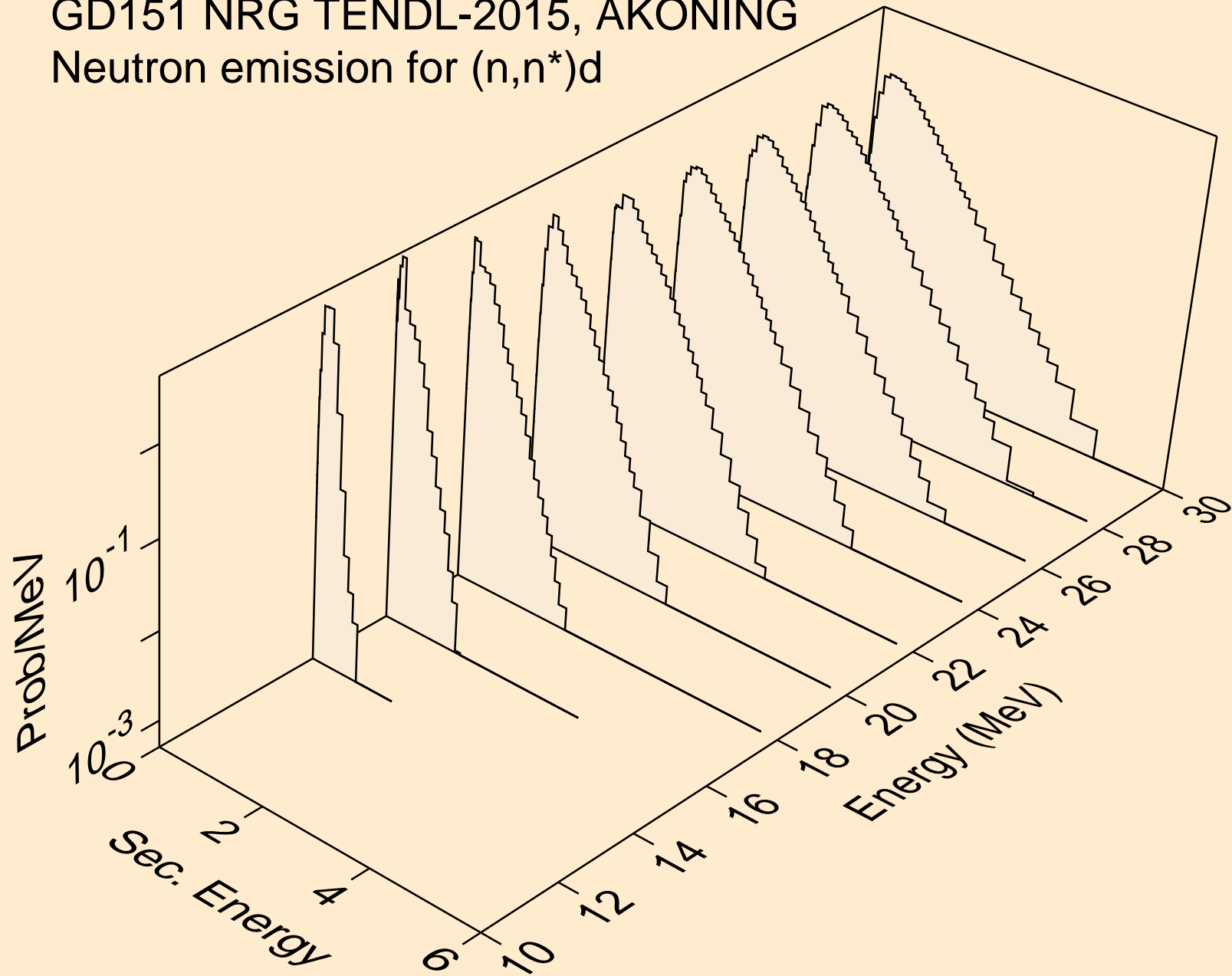
GD151 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



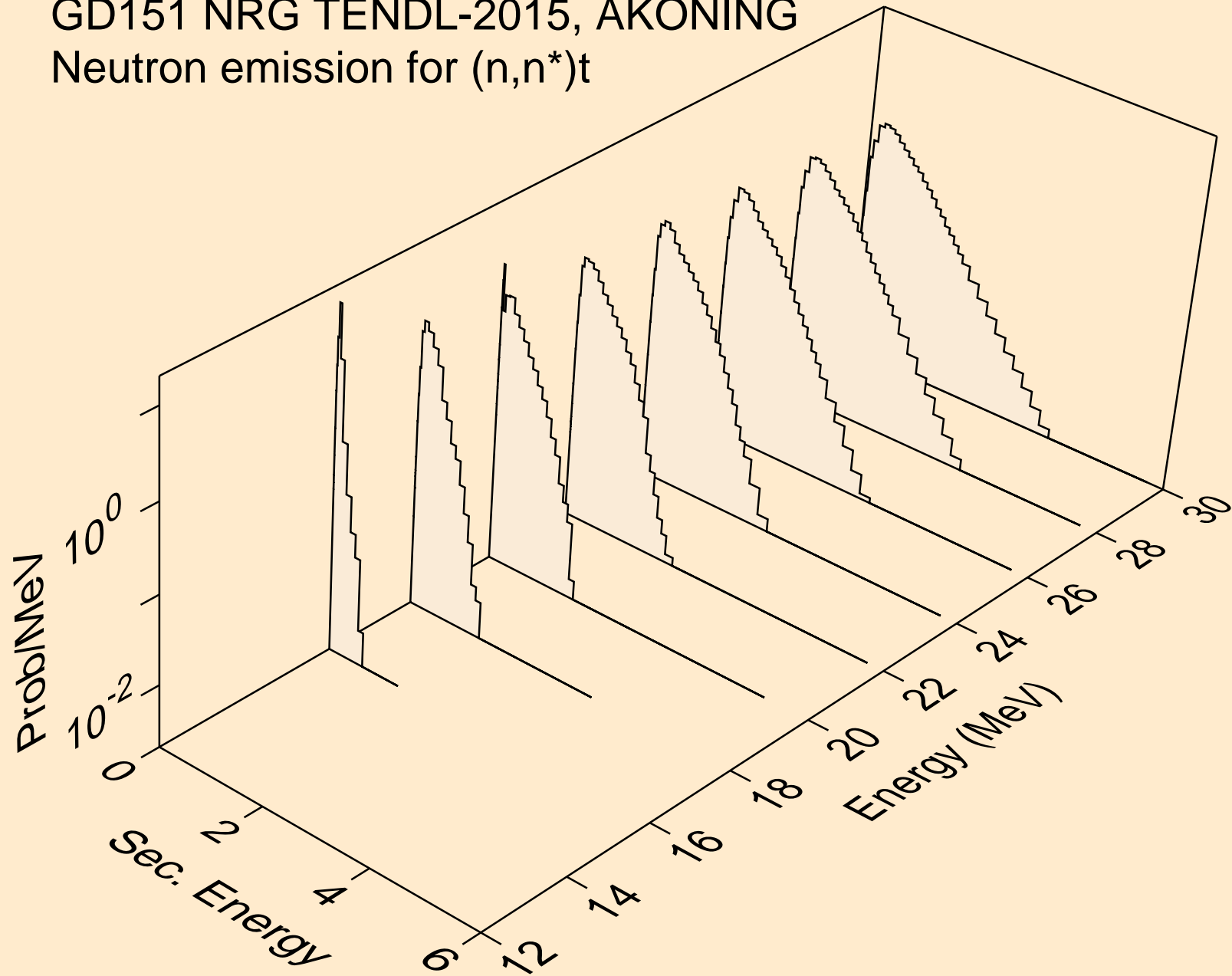
GD151 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



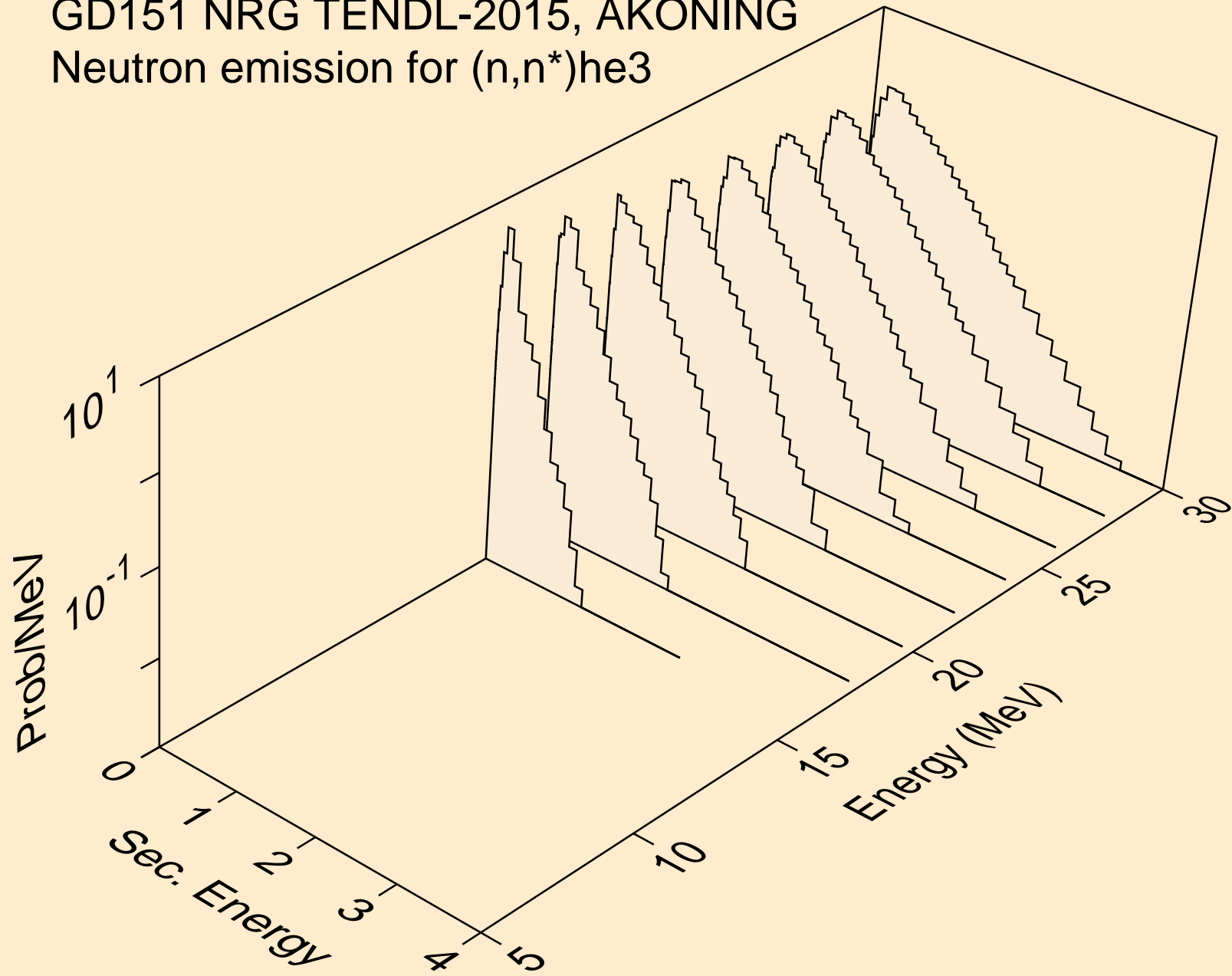
GD151 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



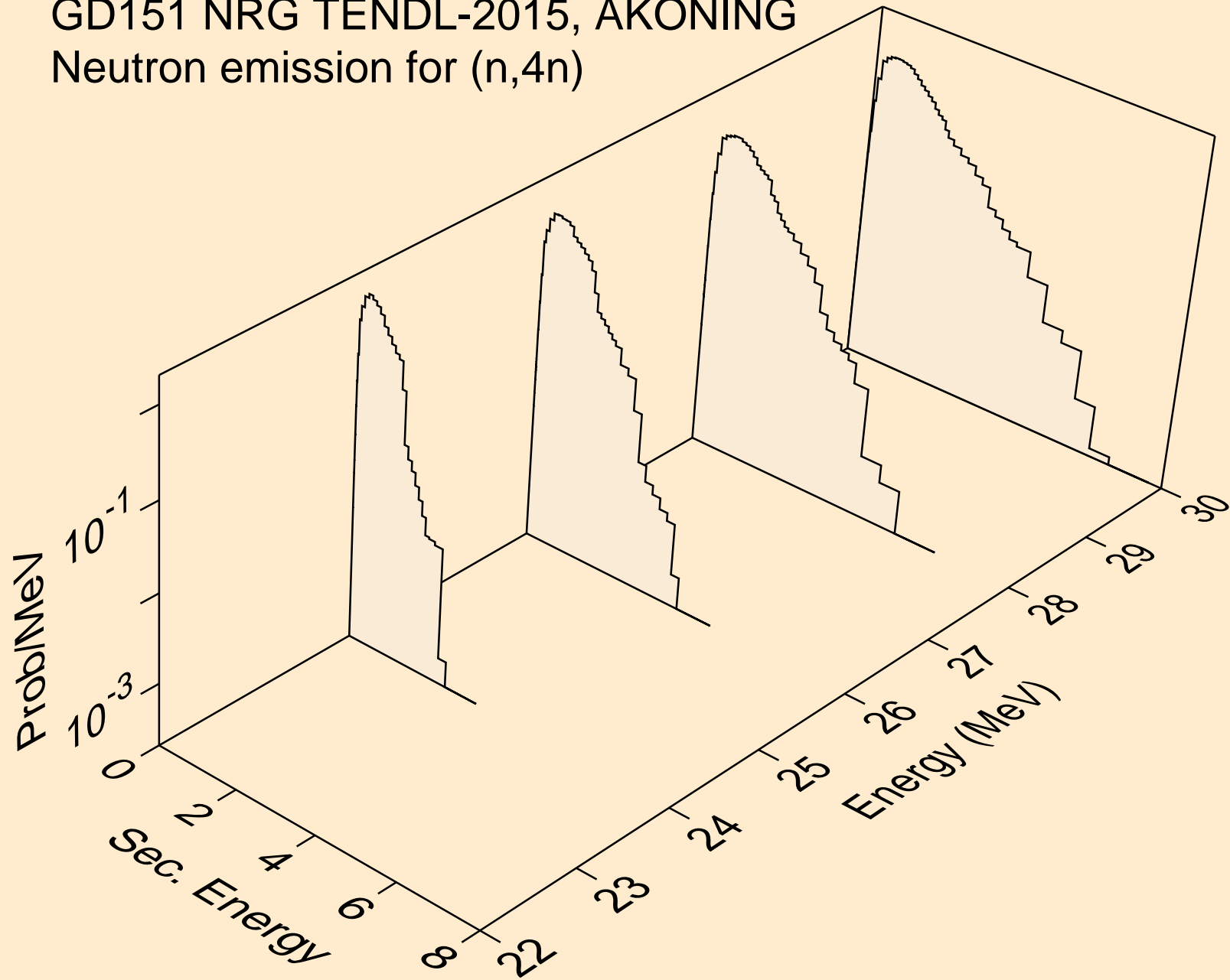
GD151 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



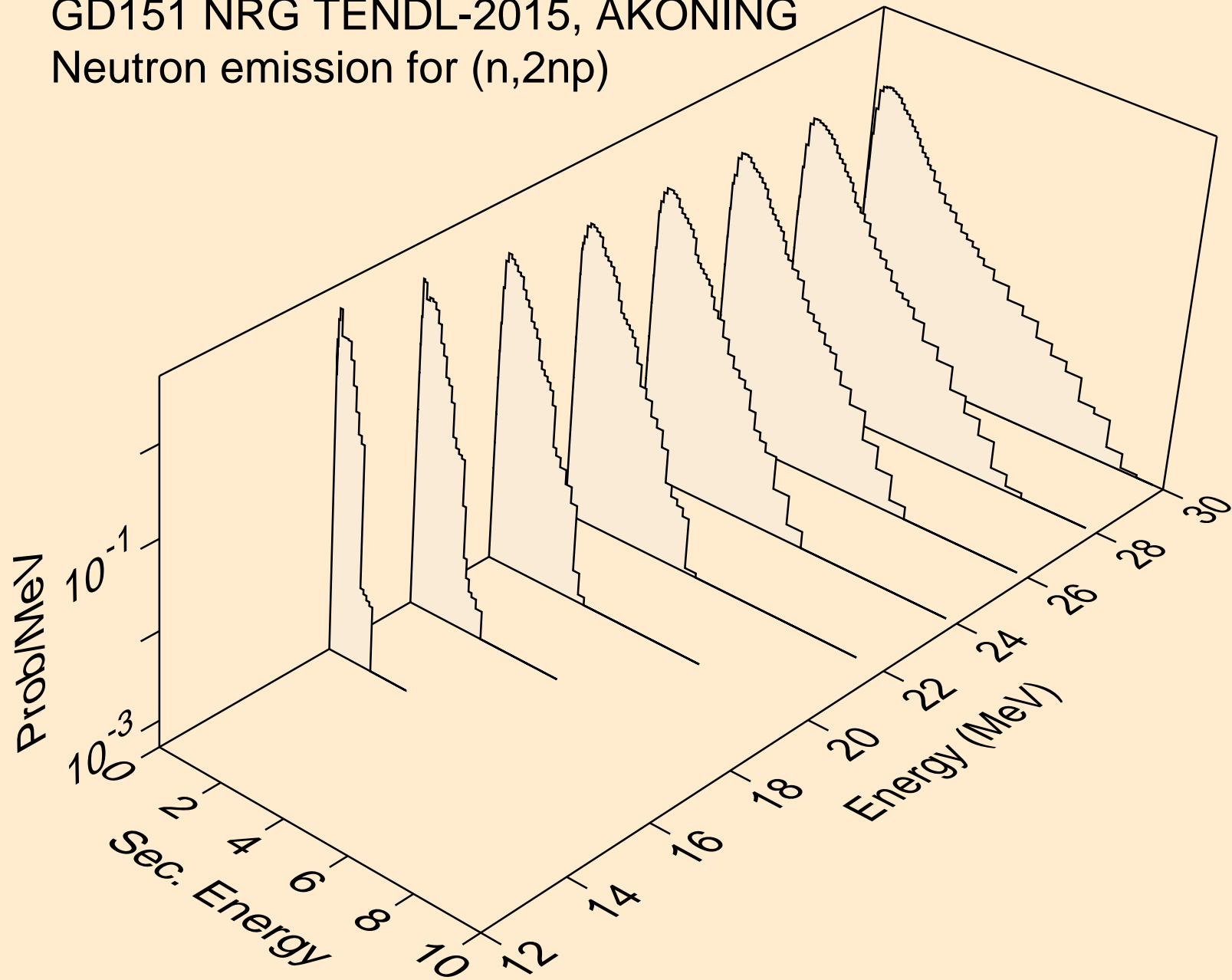
GD151 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



GD151 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)

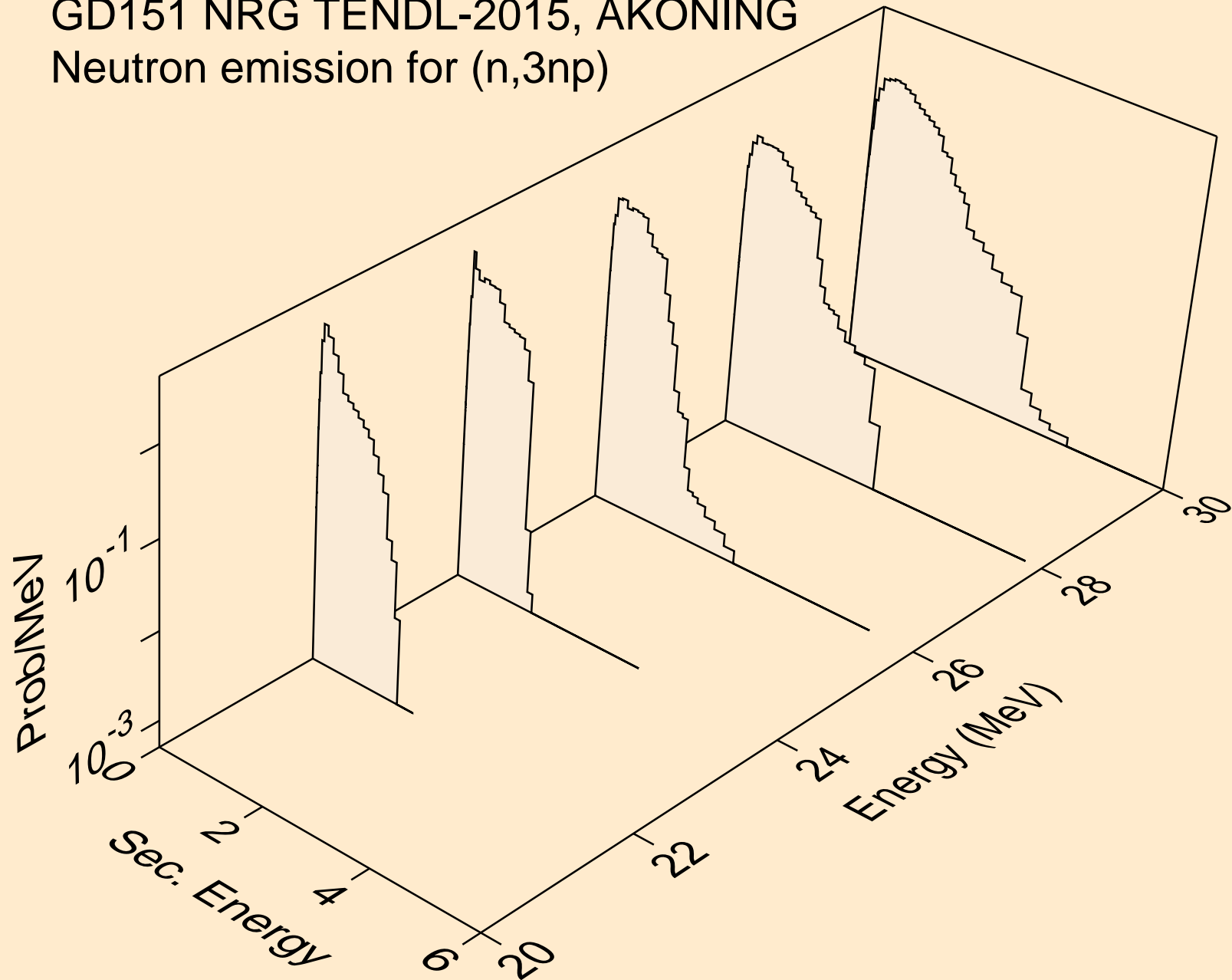


GD151 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

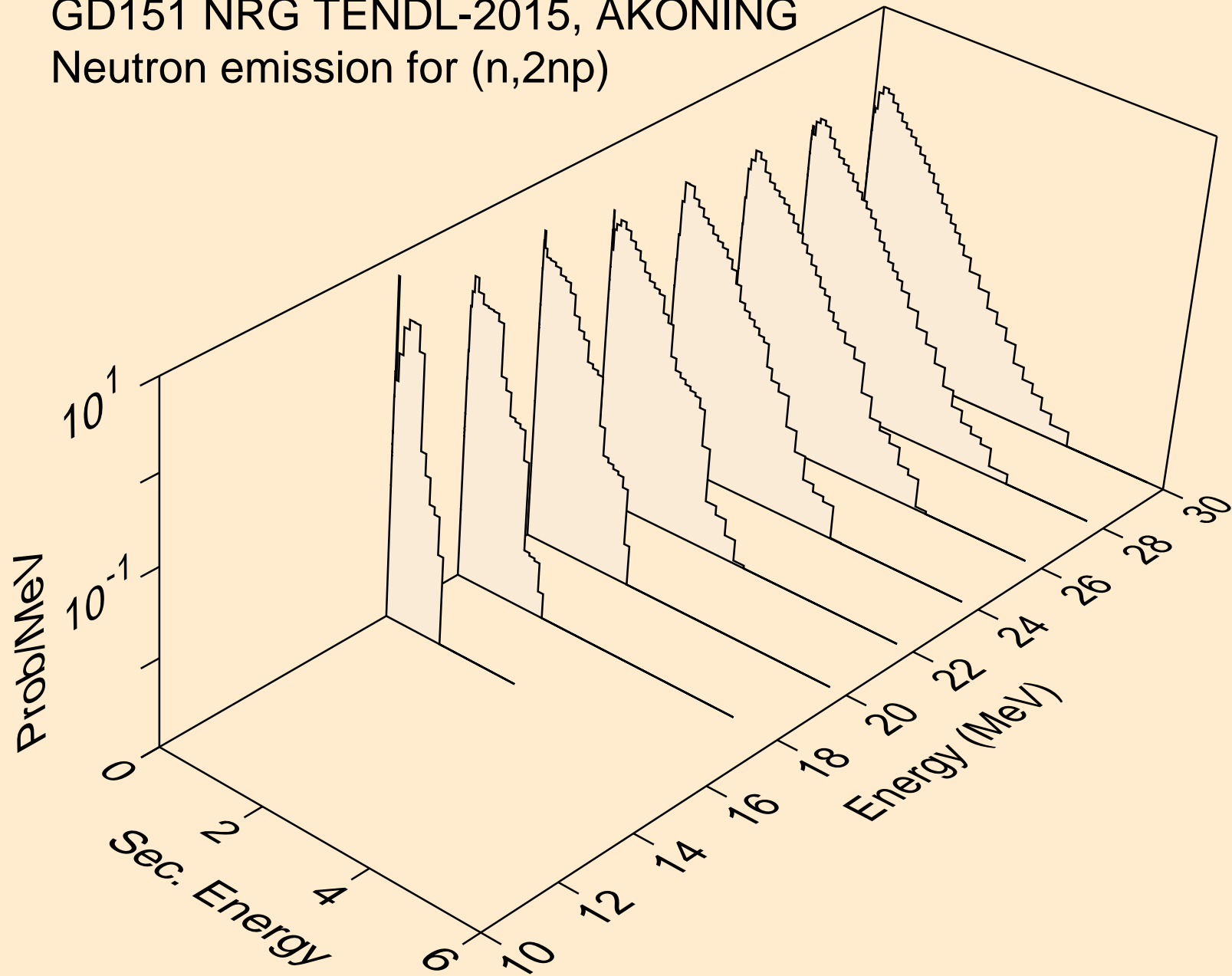




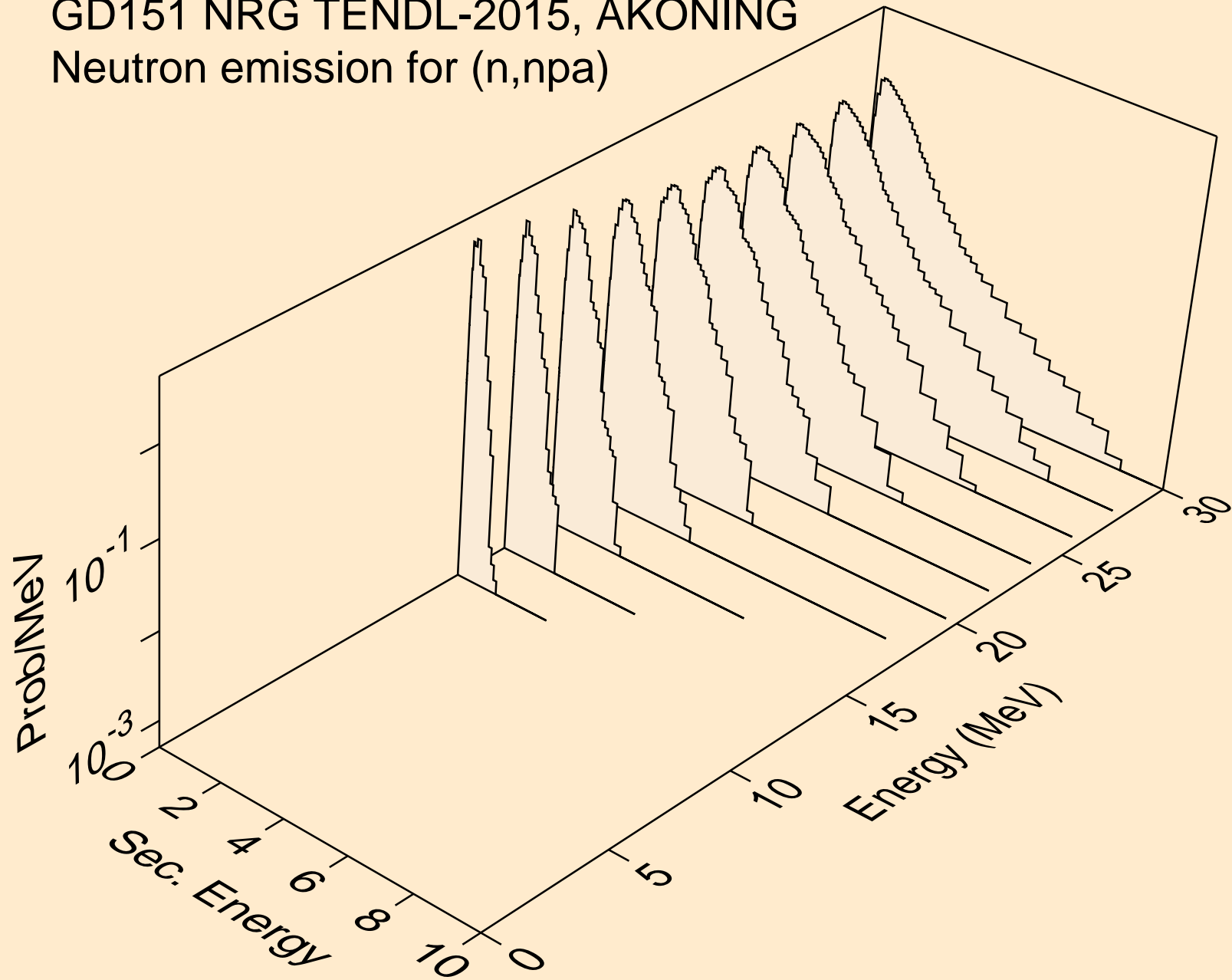
GD151 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



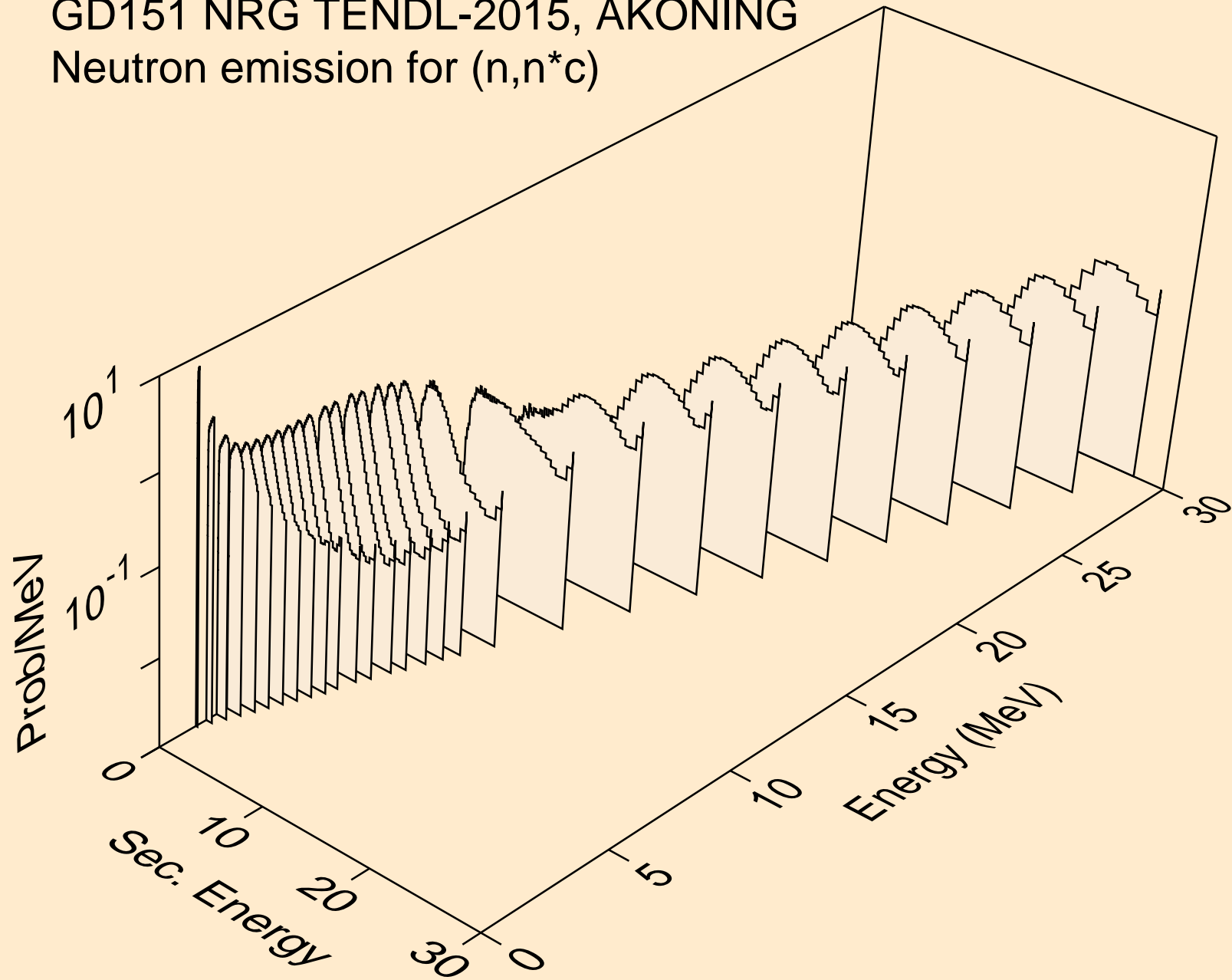
GD151 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



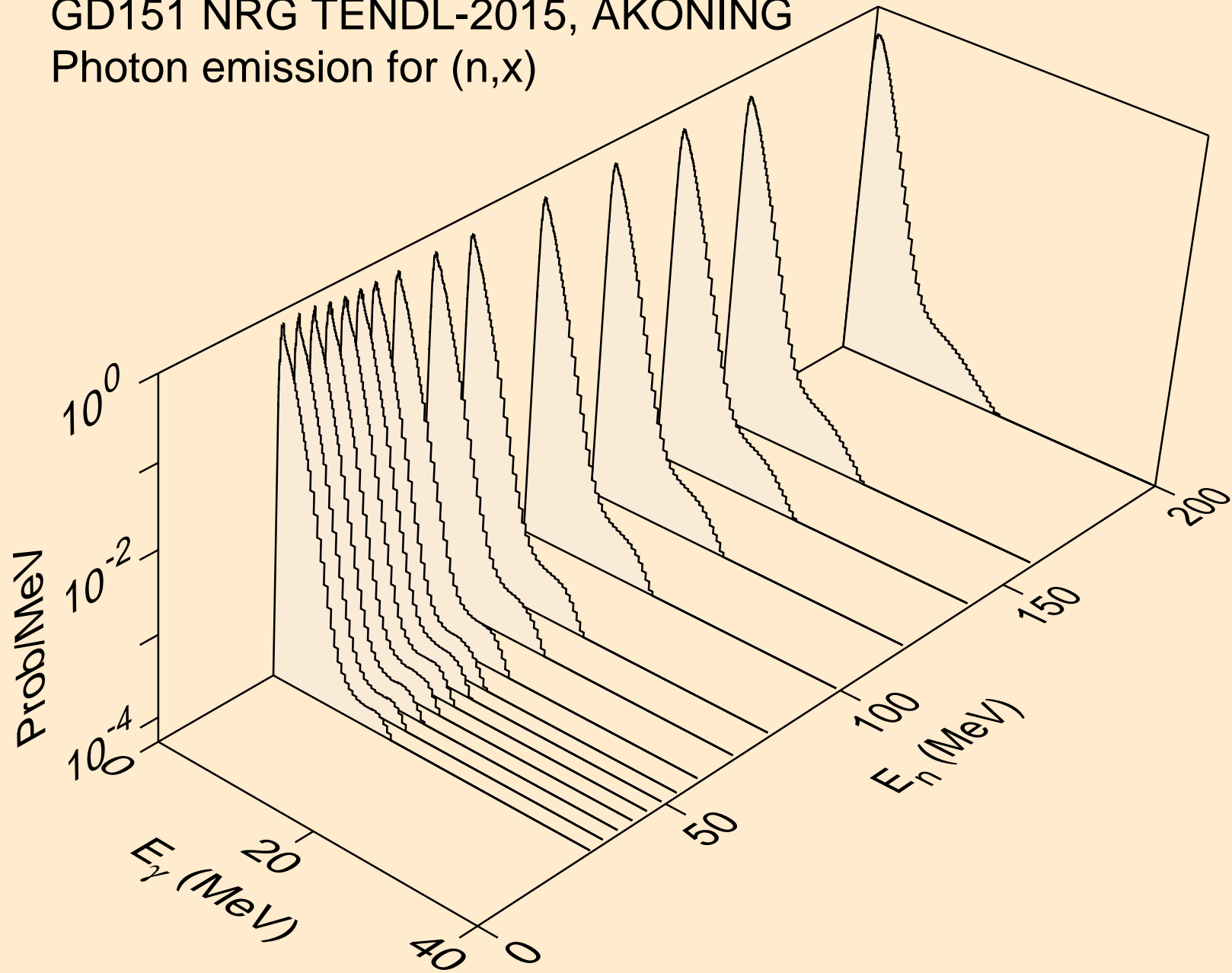
GD151 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



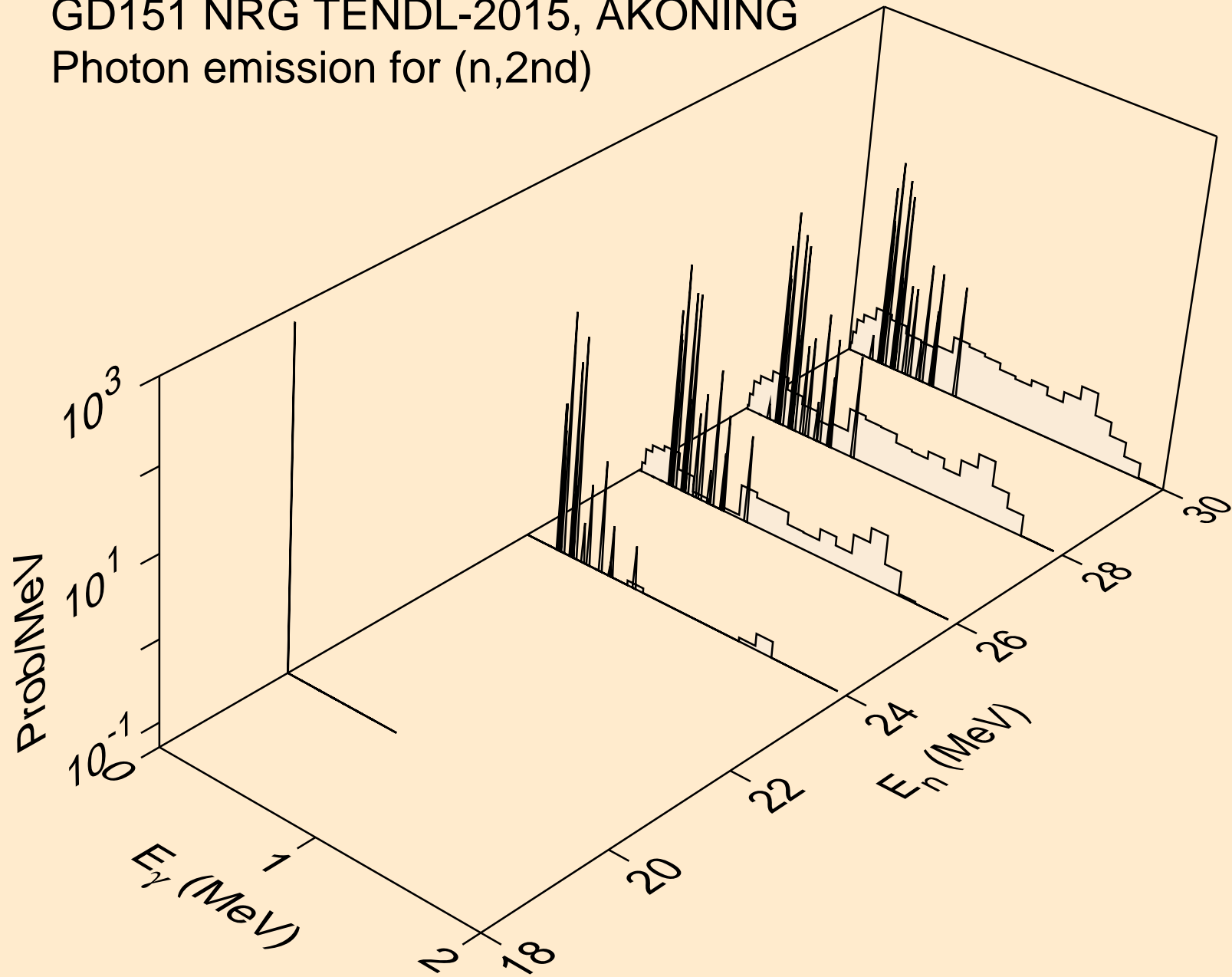
GD151 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



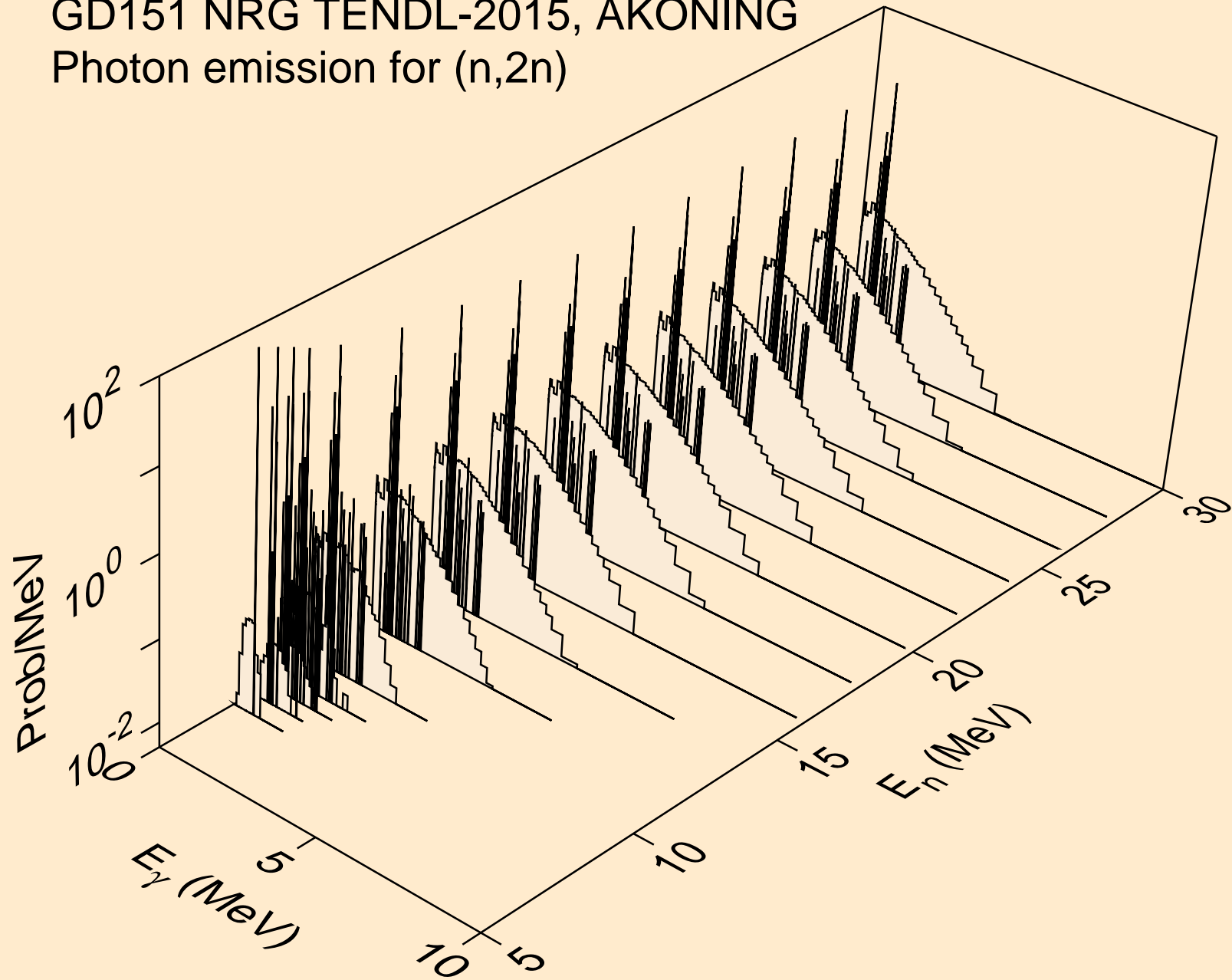
GD151 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



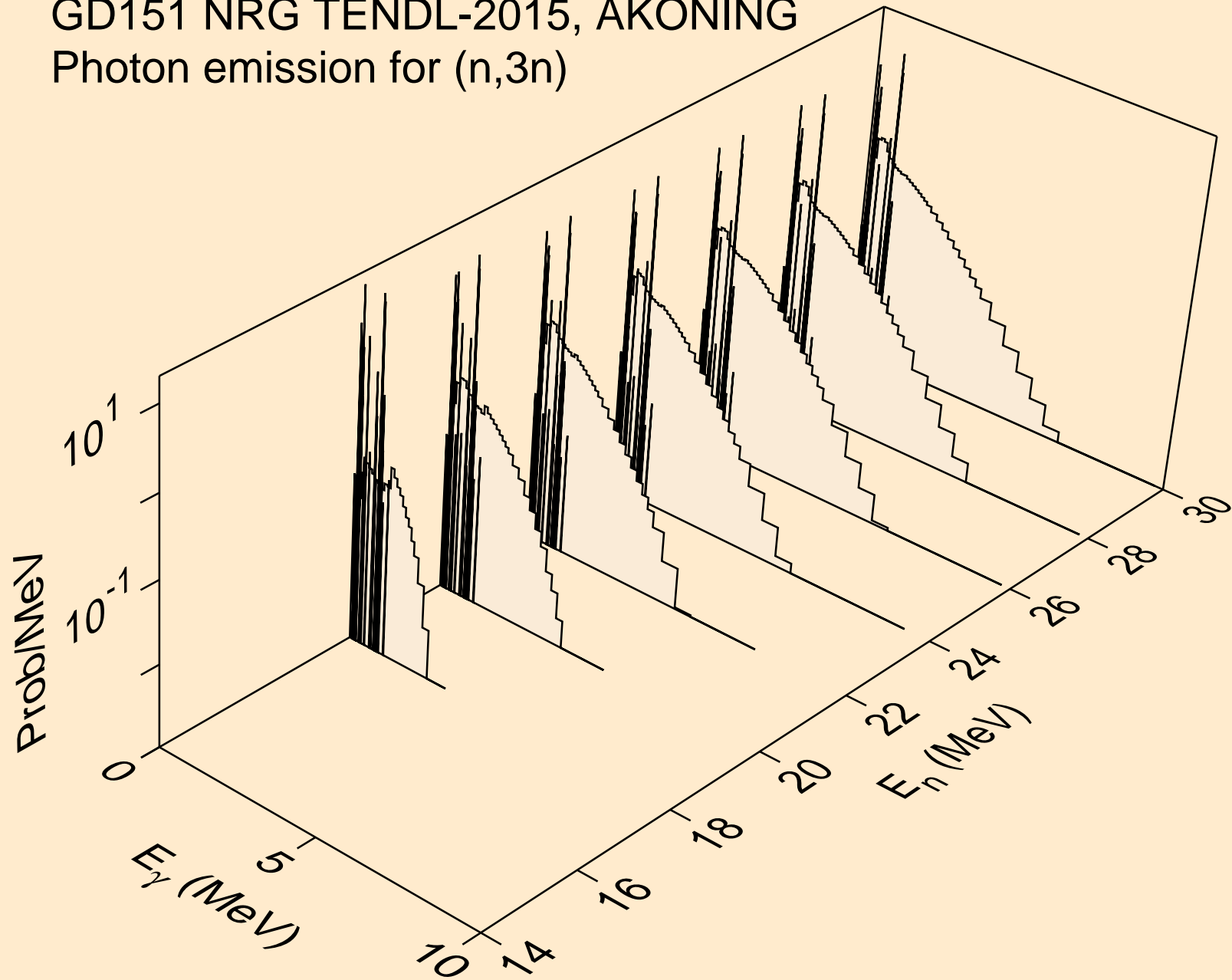
GD151 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



GD151 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)

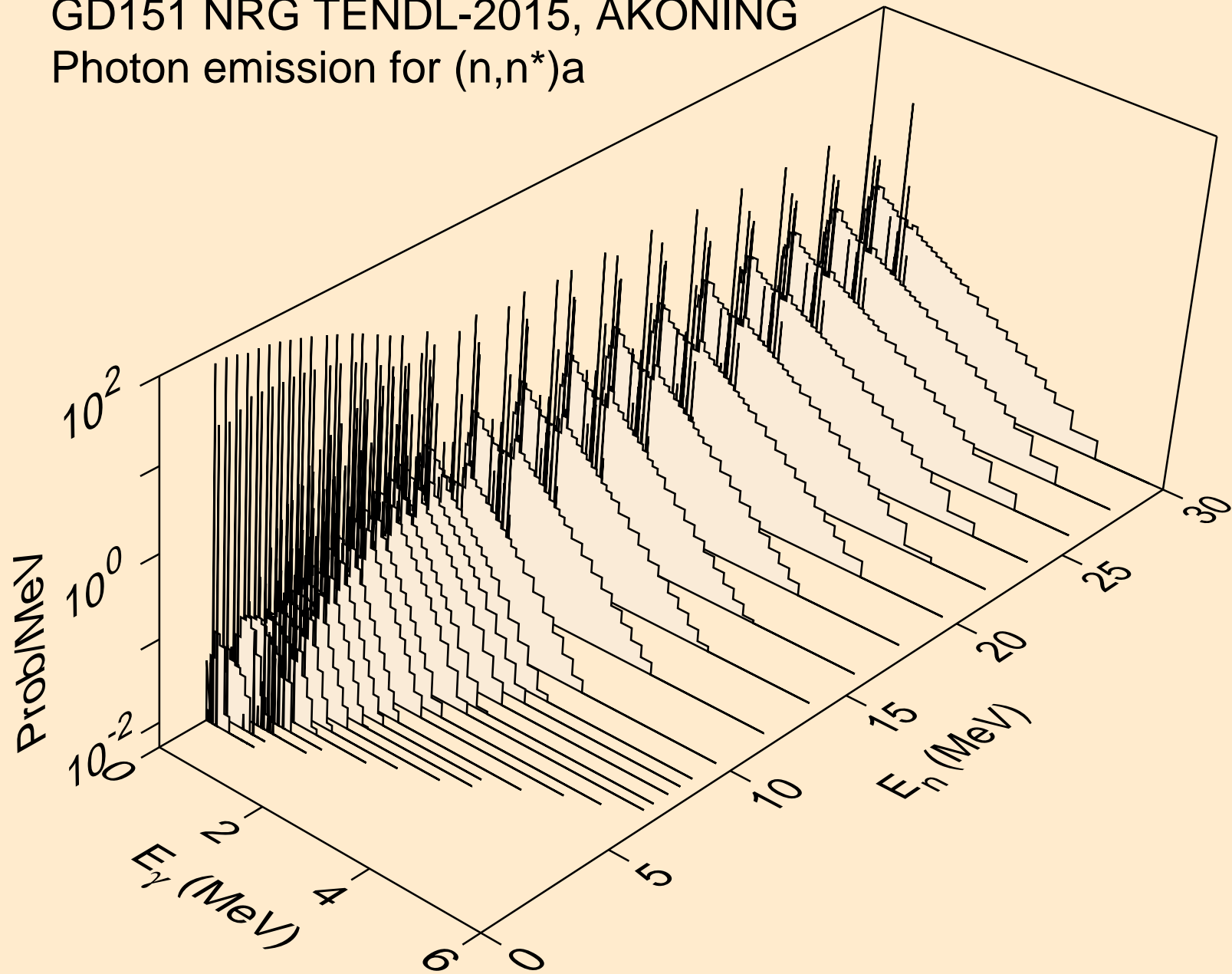


GD151 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

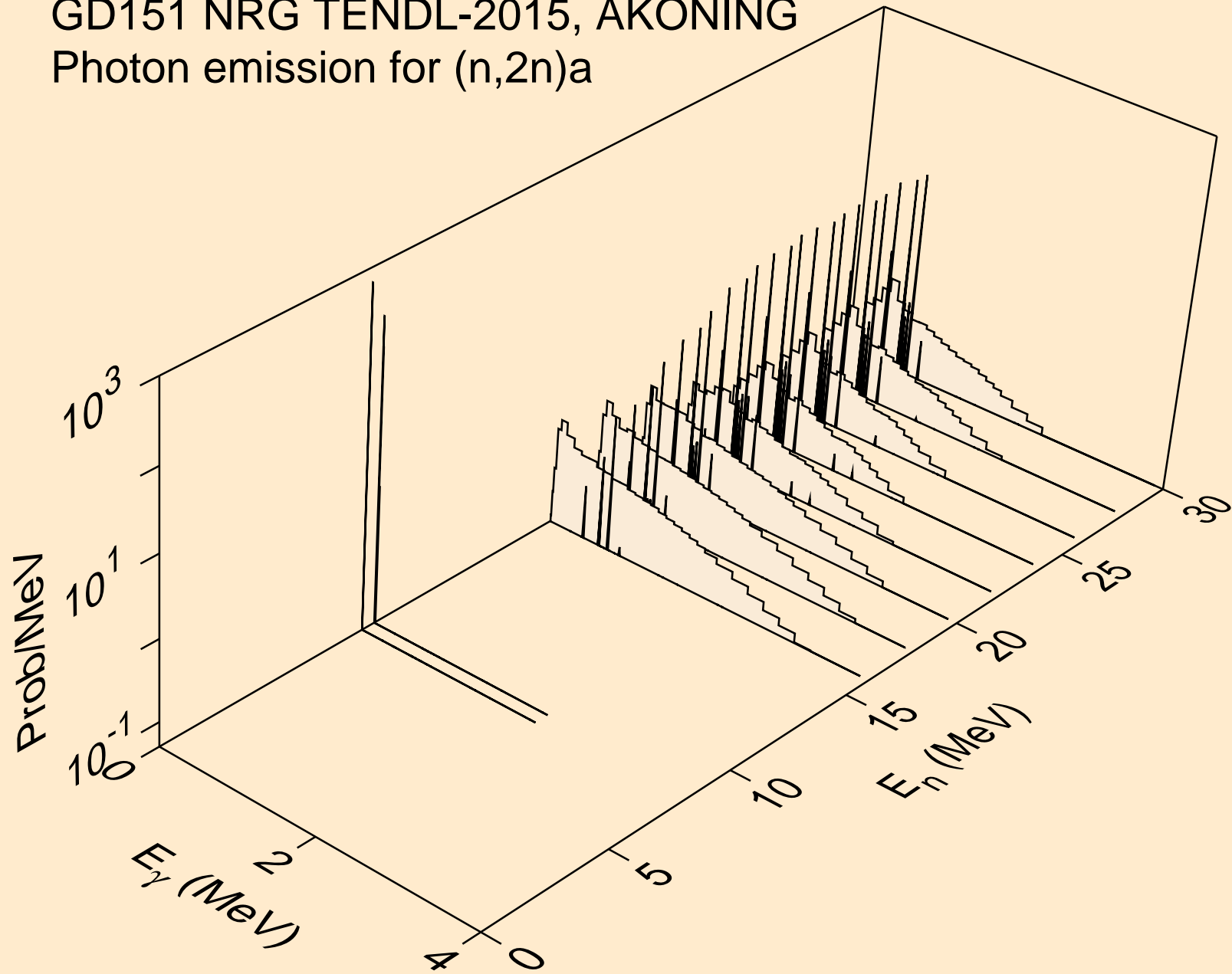




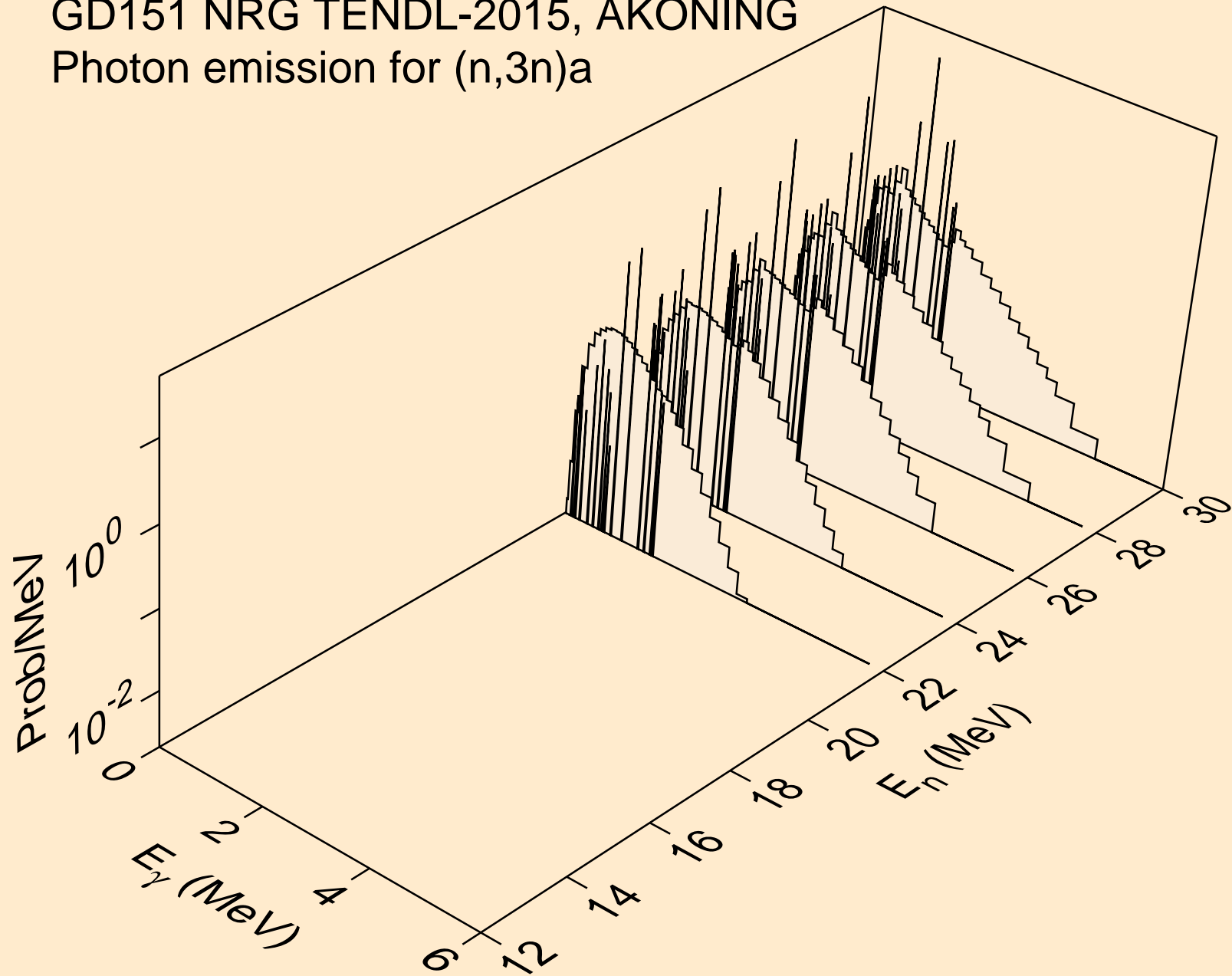
GD151 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



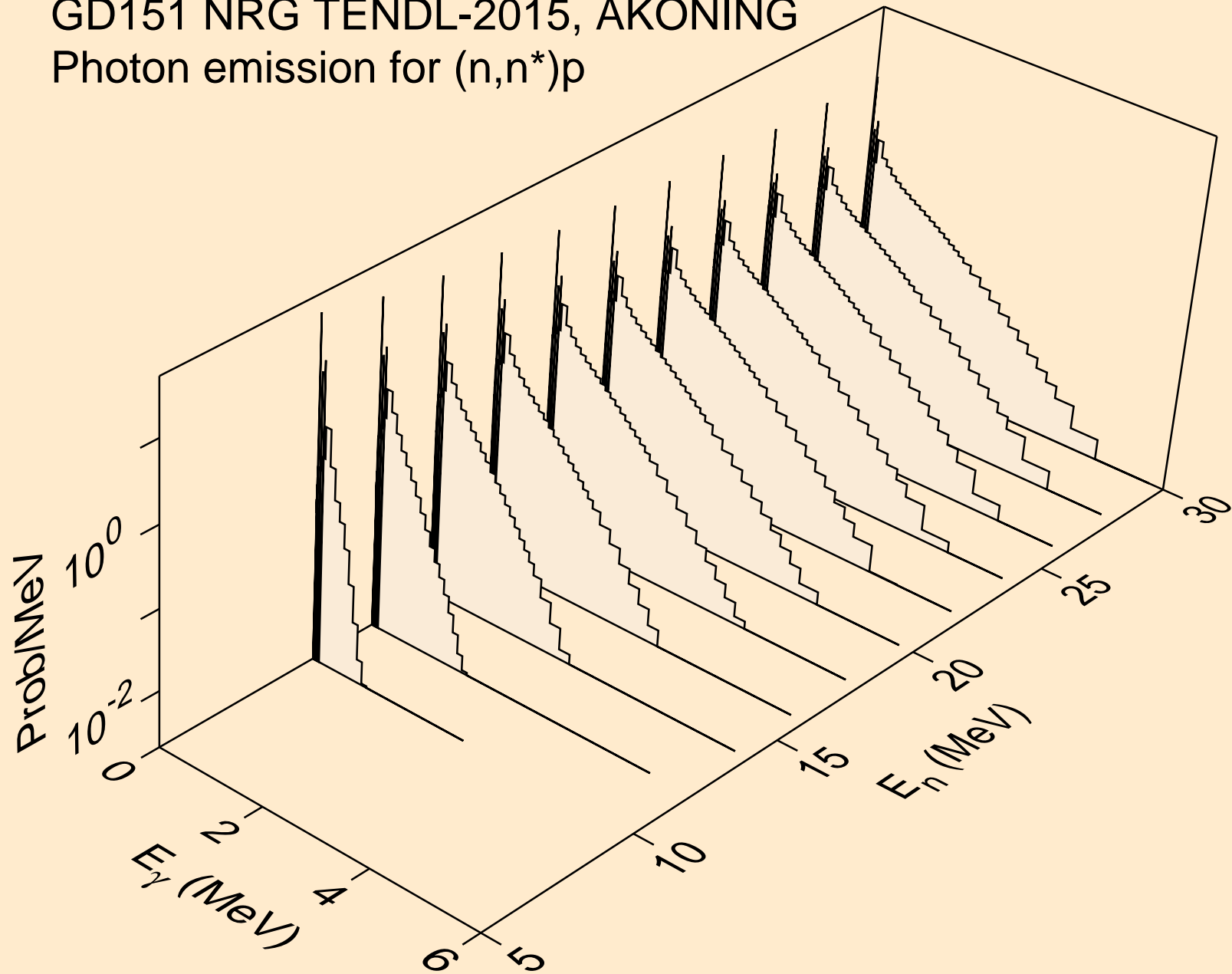
GD151 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



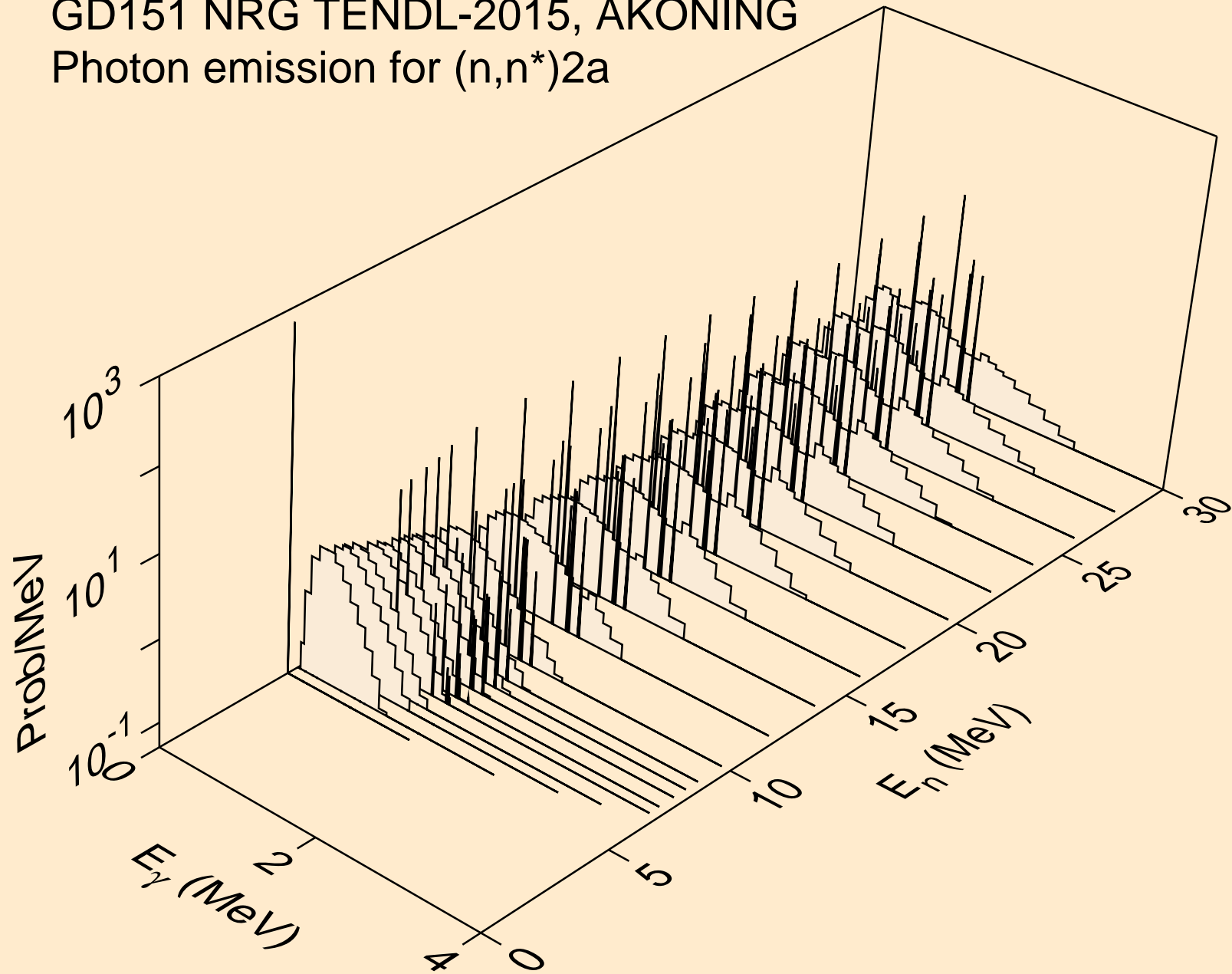
GD151 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



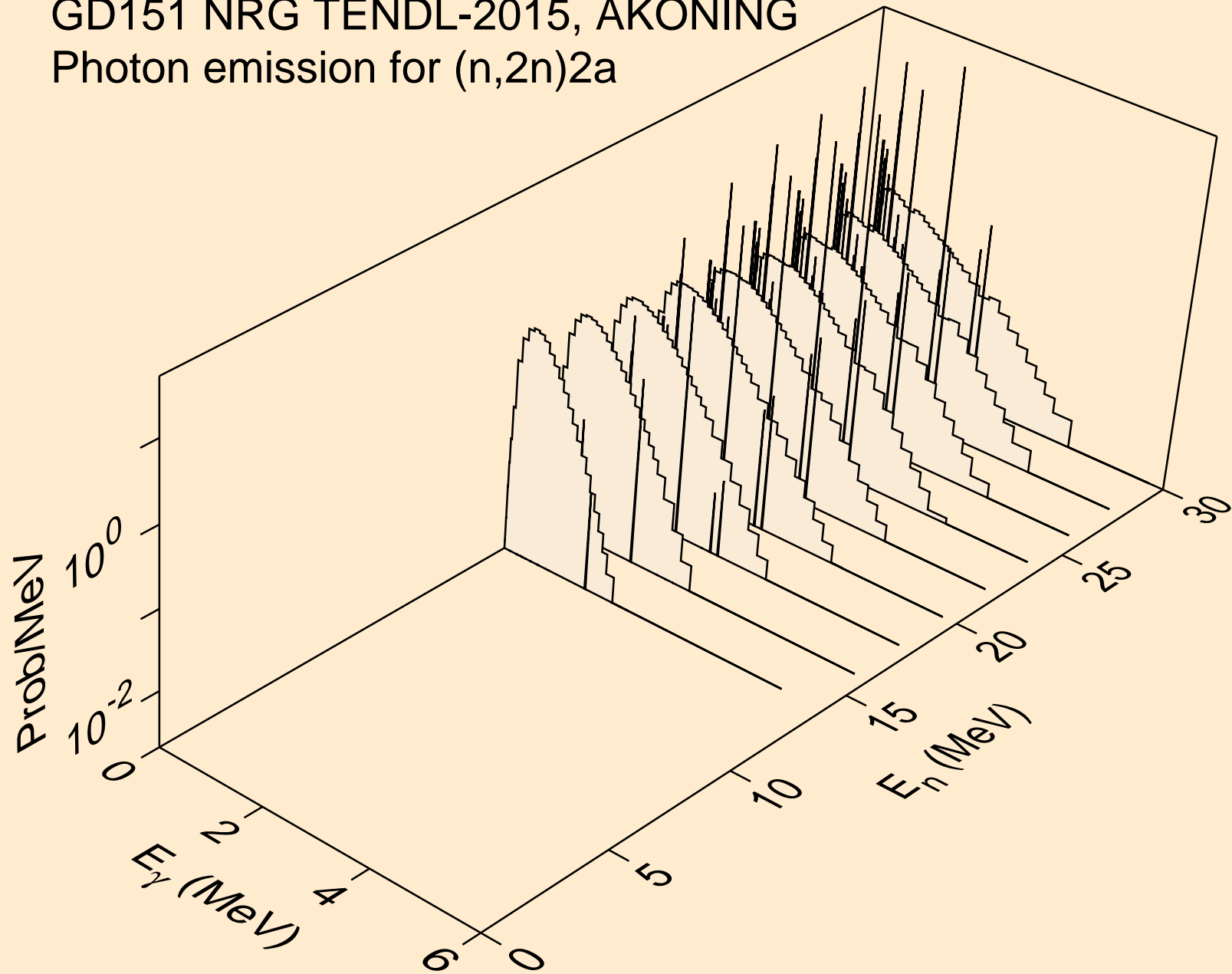
GD151 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



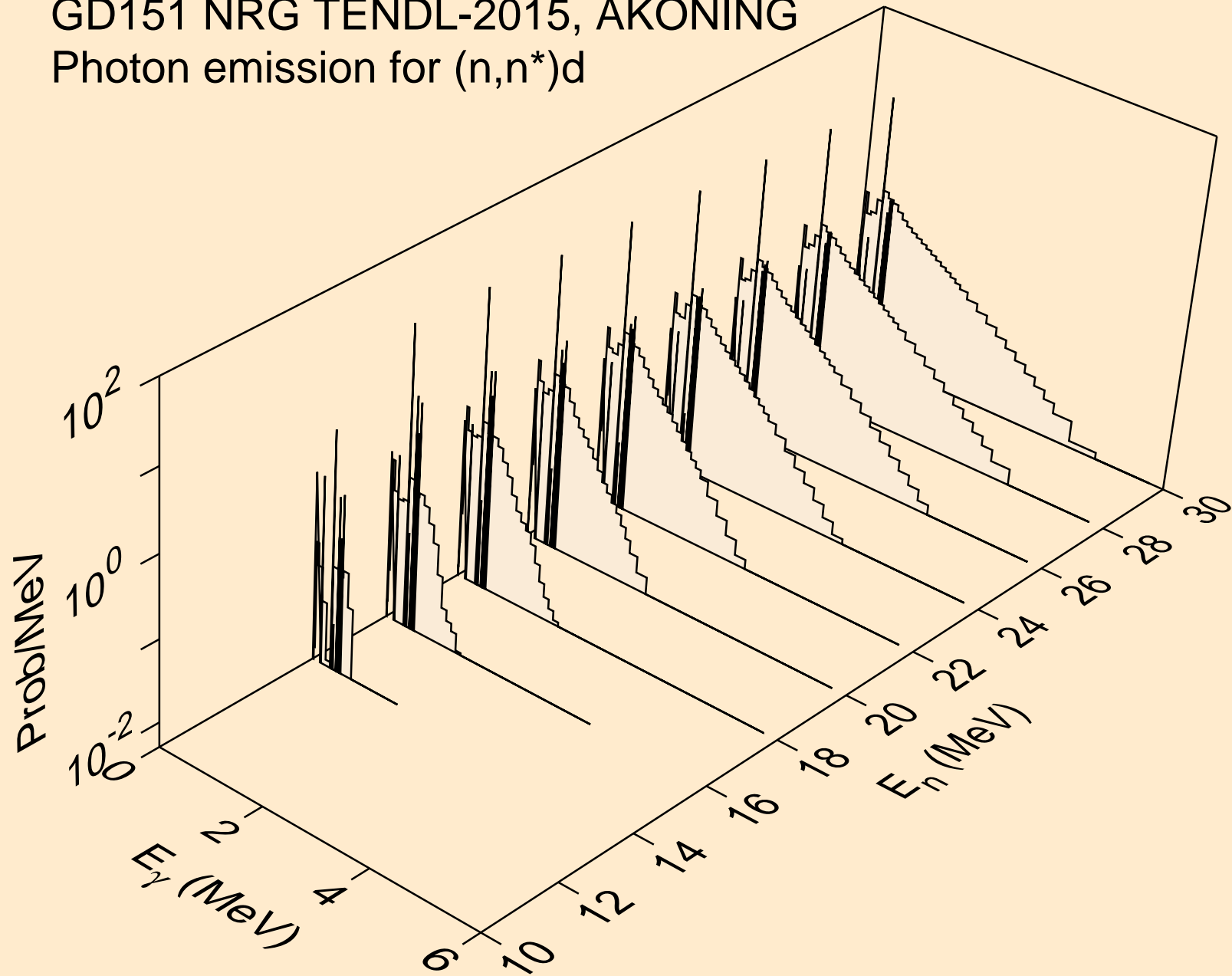
GD151 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



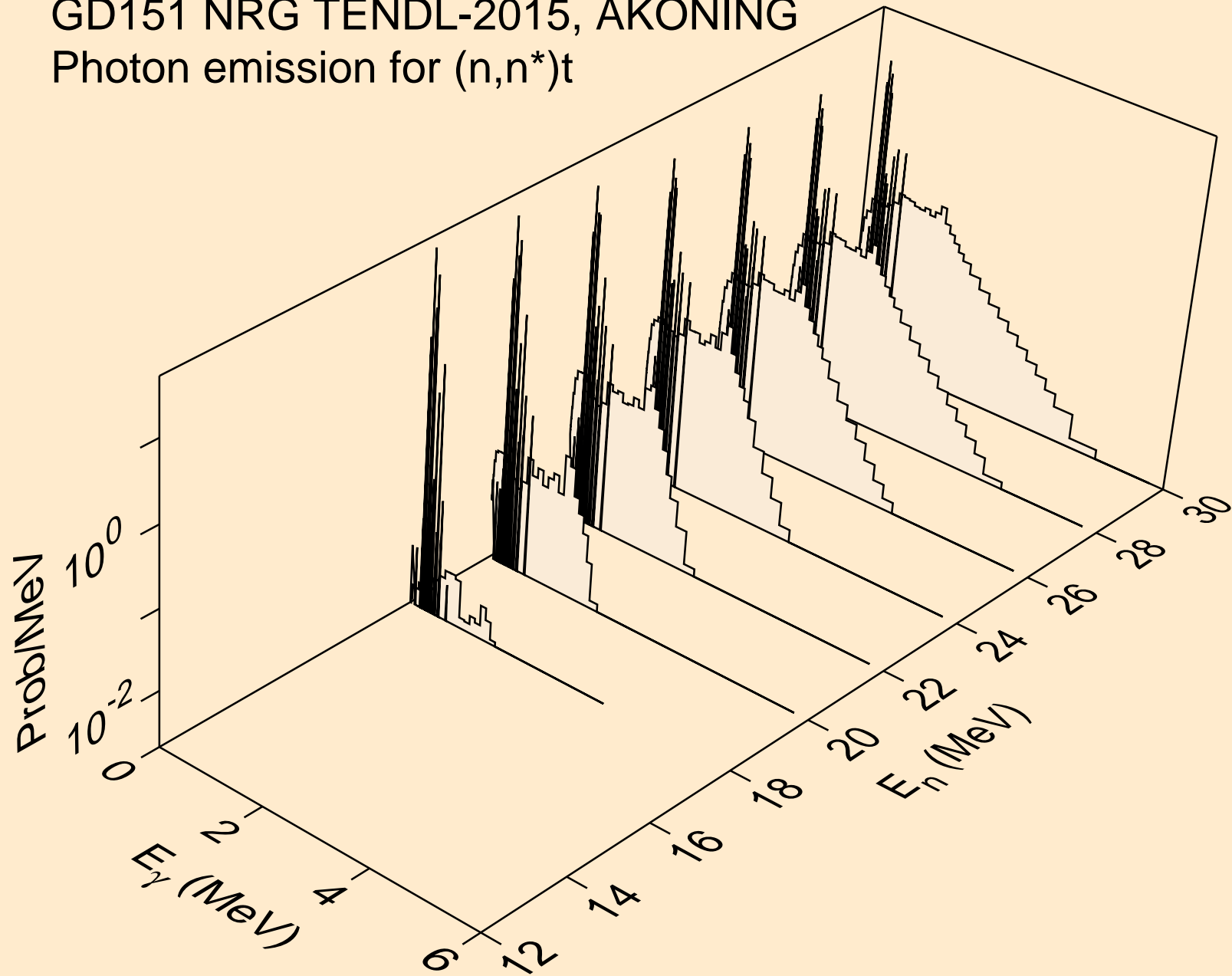
GD151 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



GD151 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d

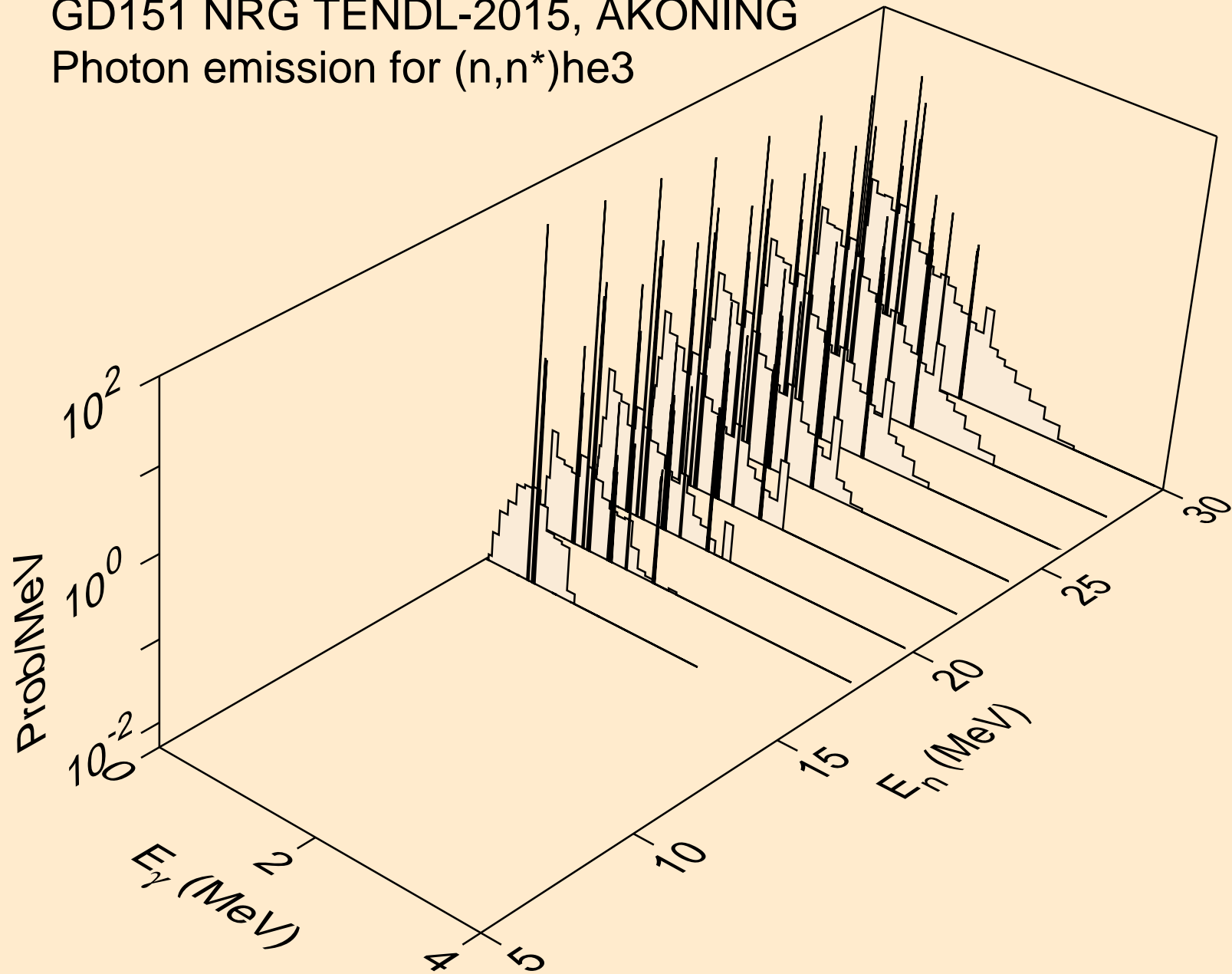


GD151 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

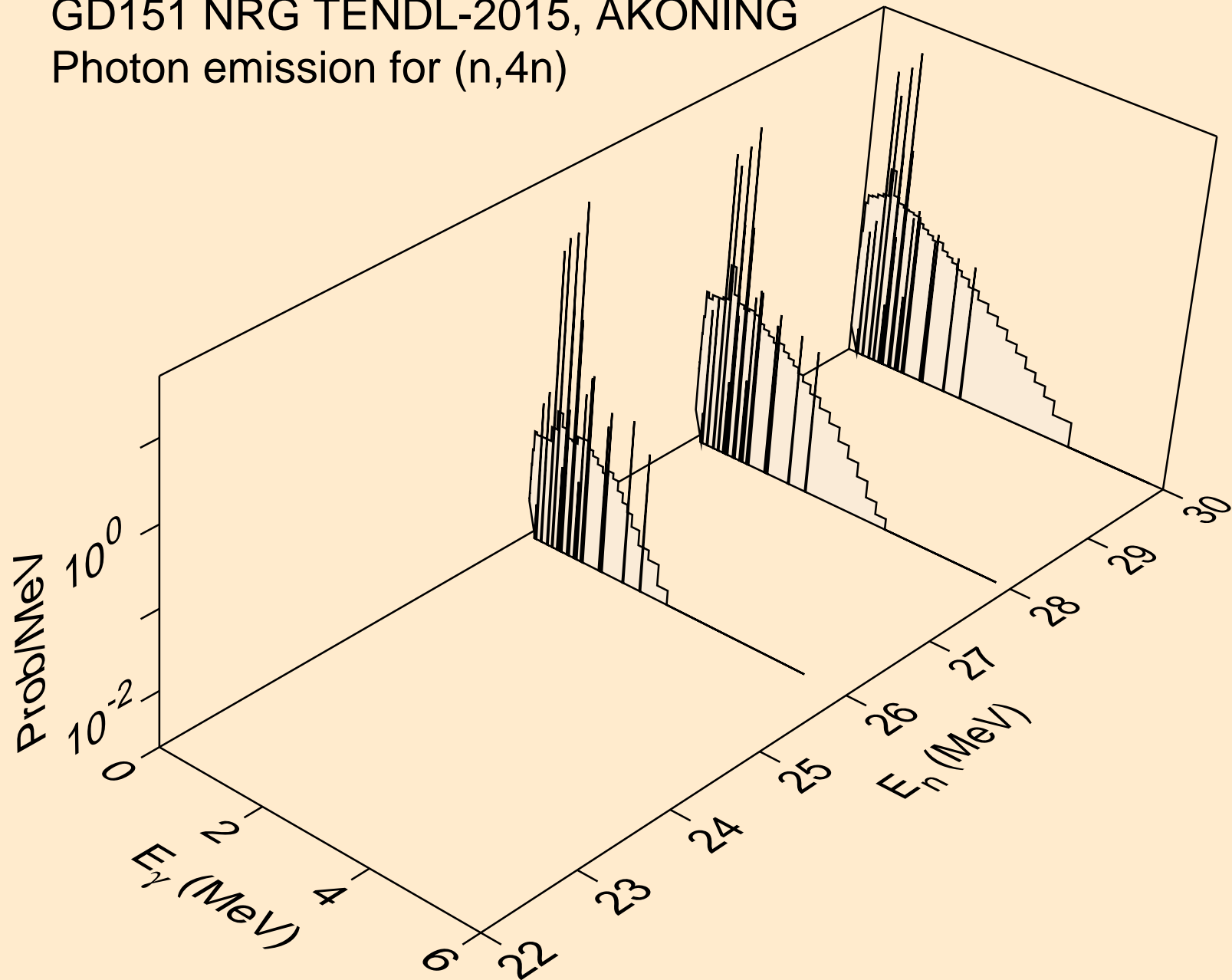




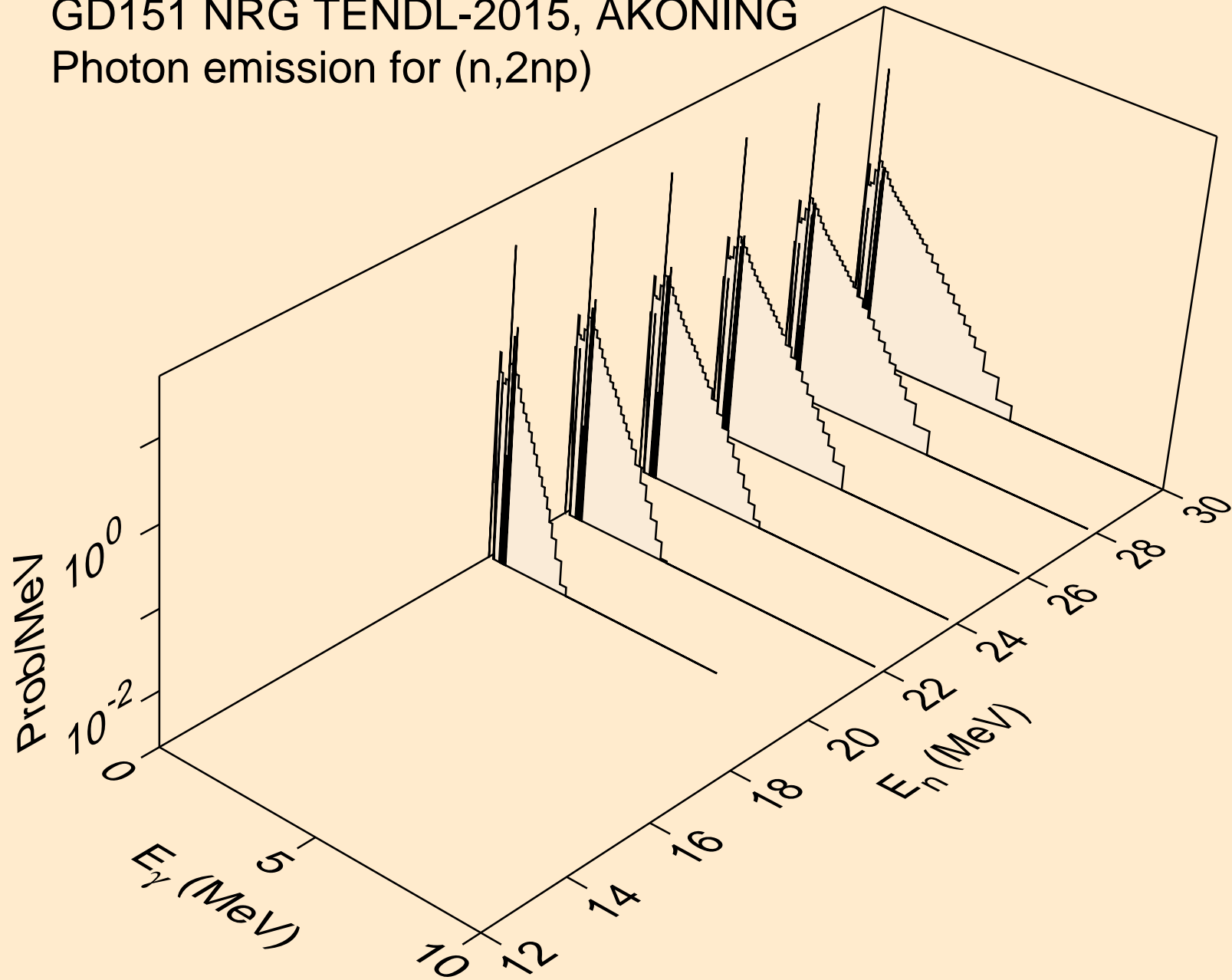
GD151 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



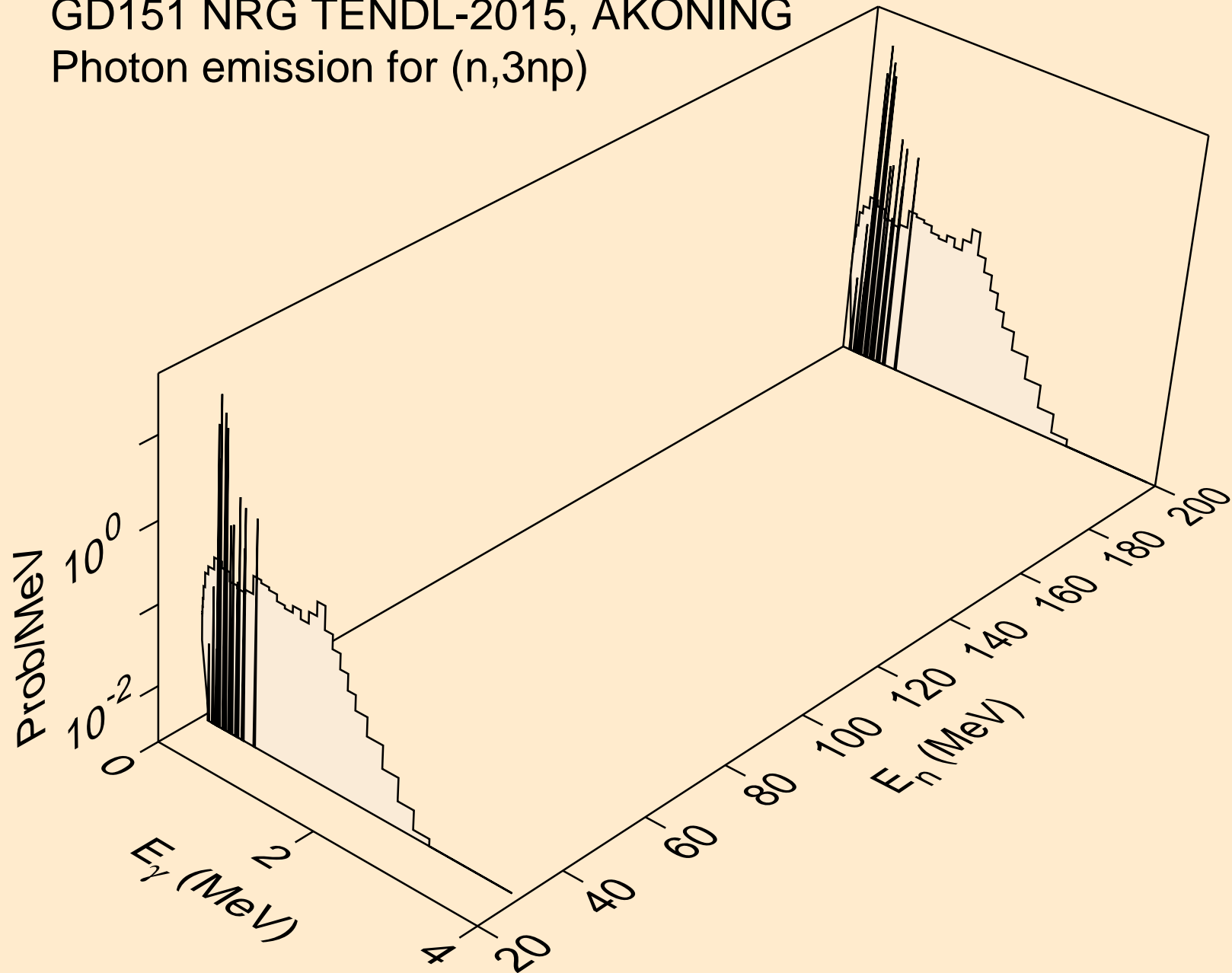
GD151 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



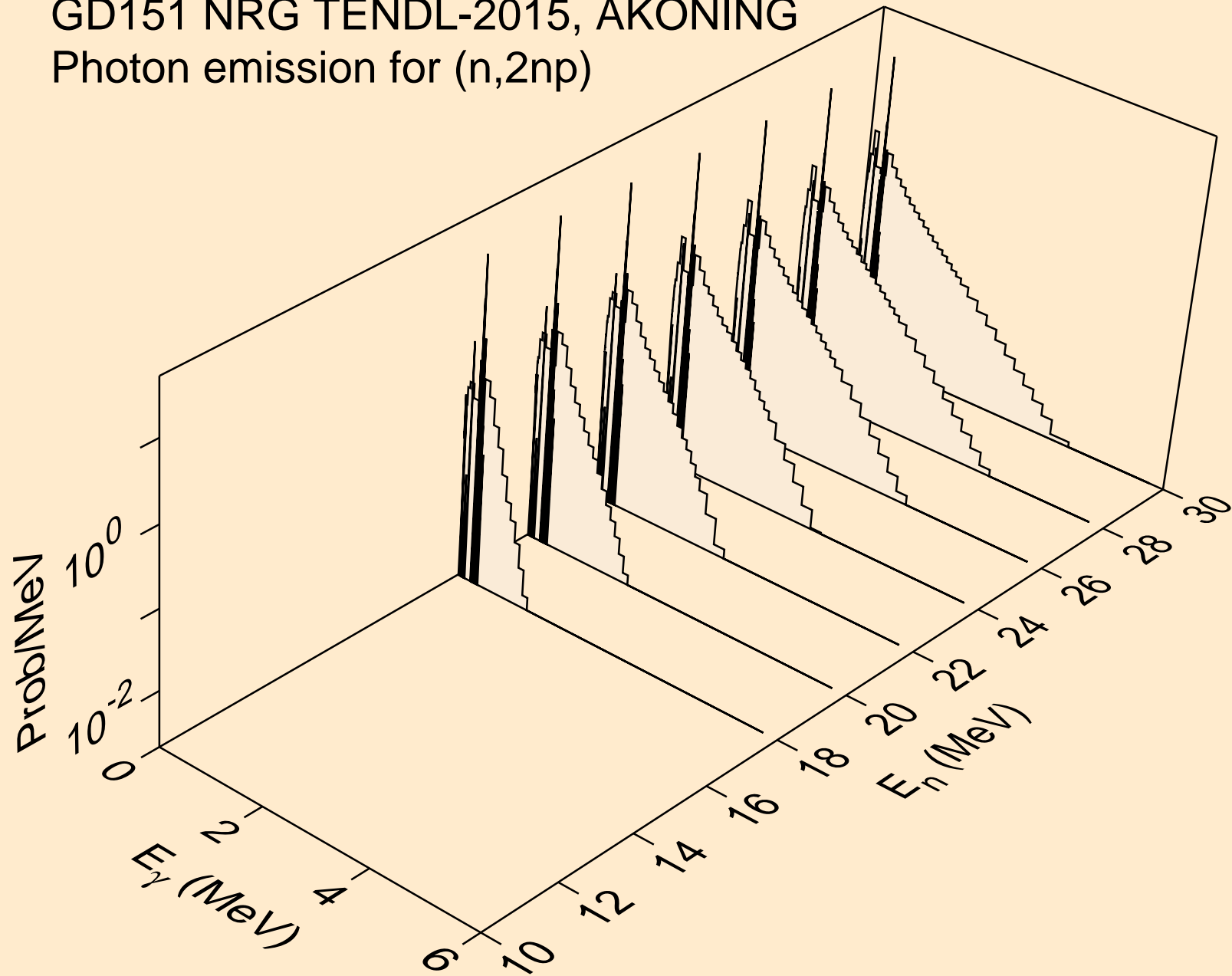
GD151 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



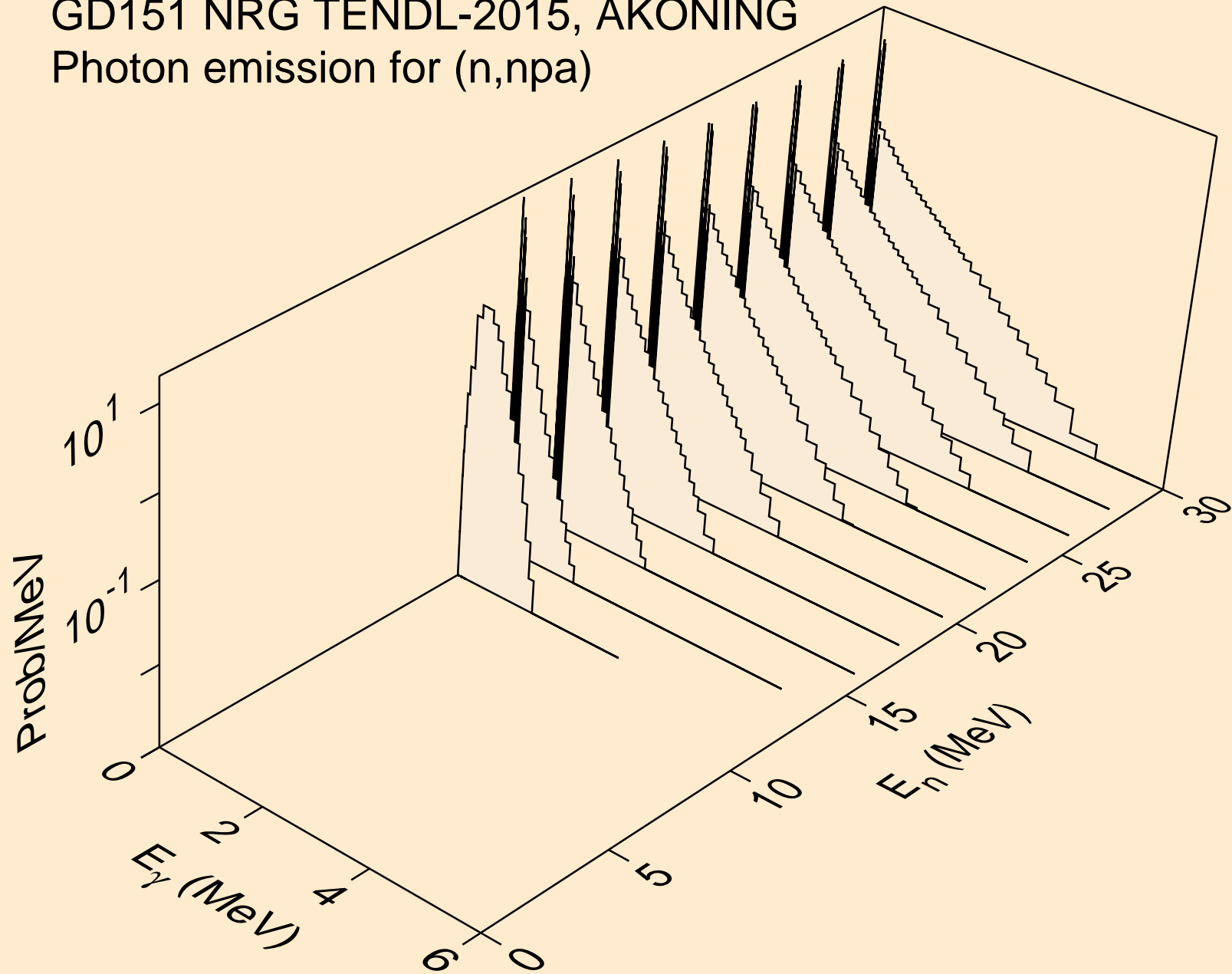
GD151 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



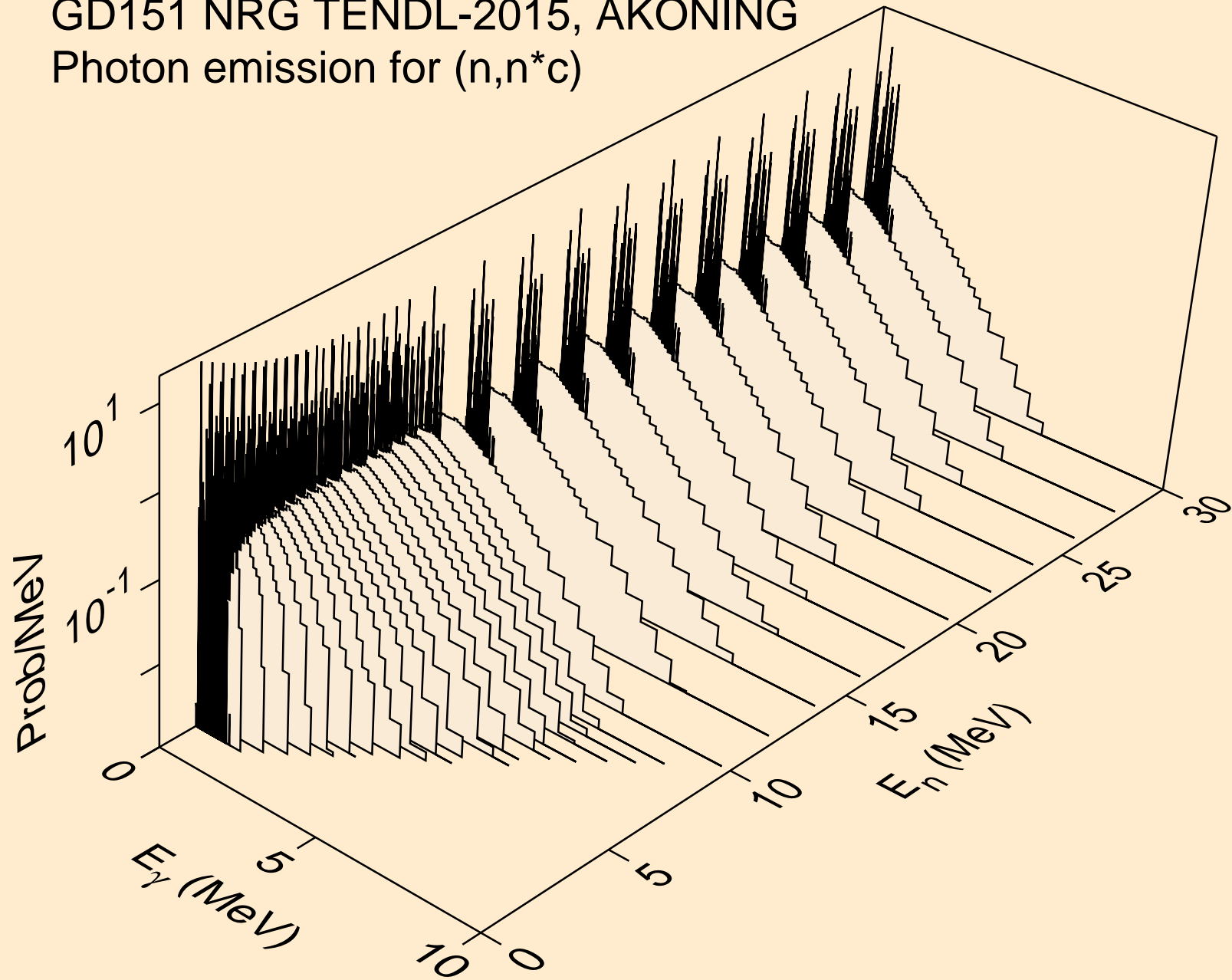
GD151 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



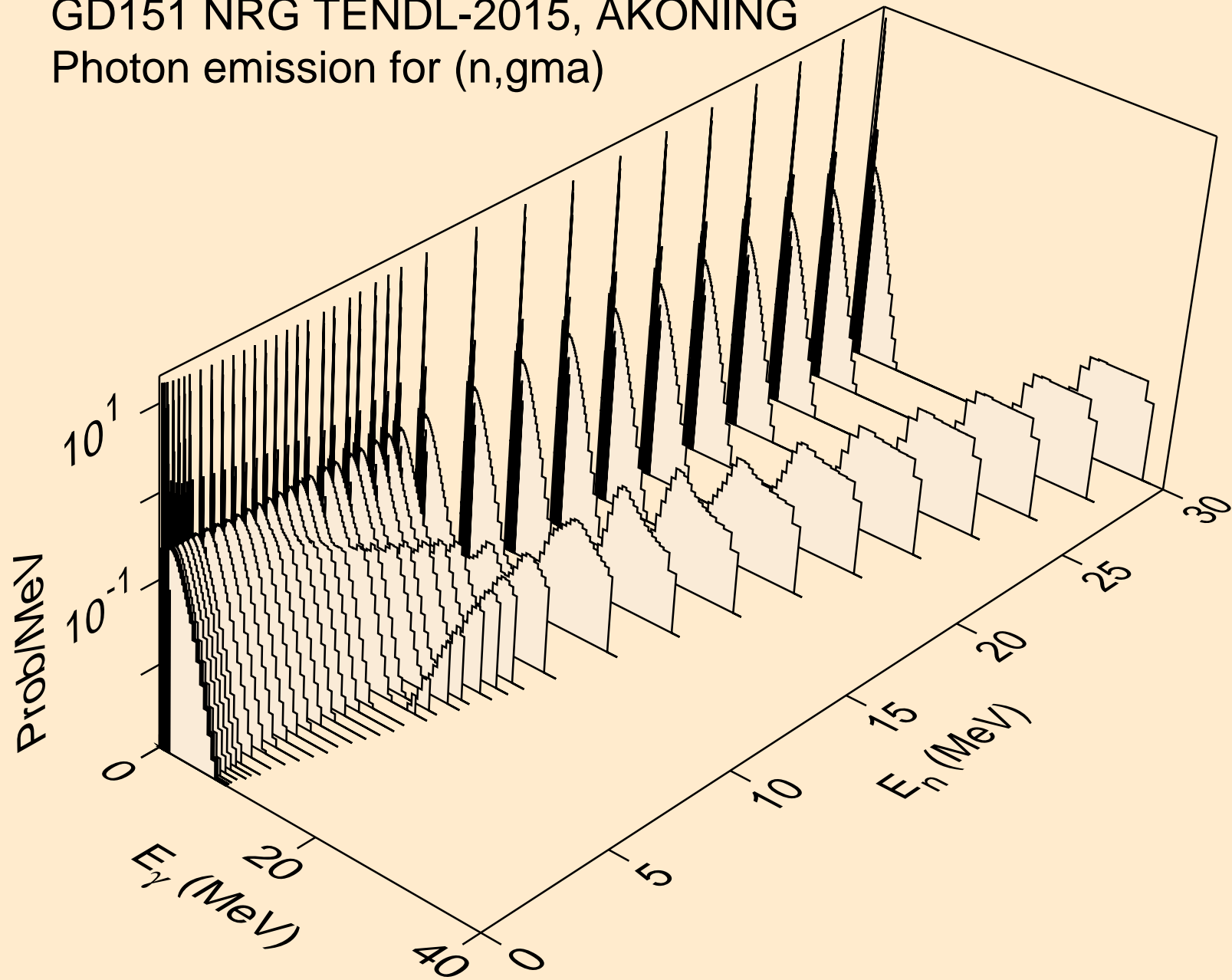
GD151 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



GD151 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)

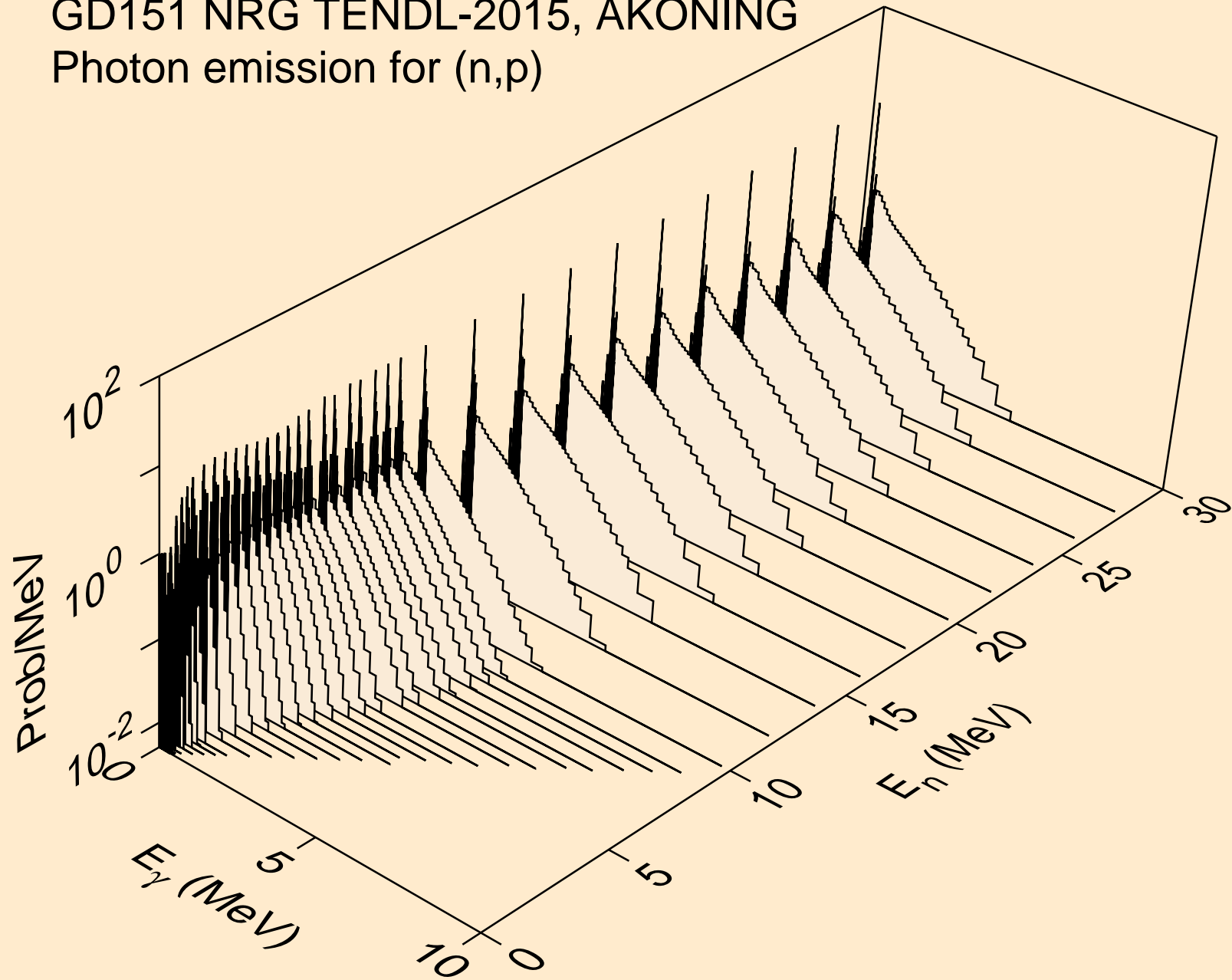


GD151 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)

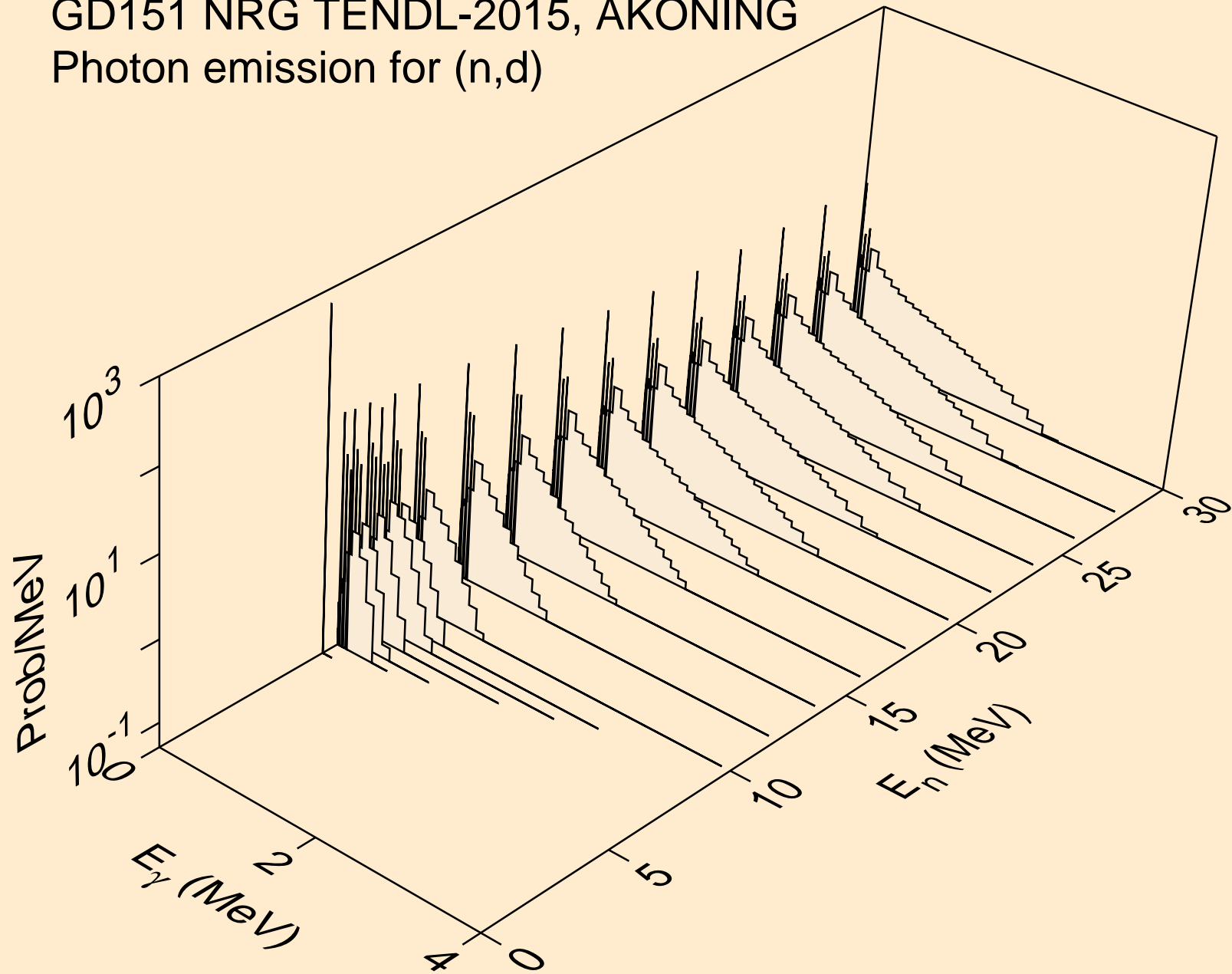




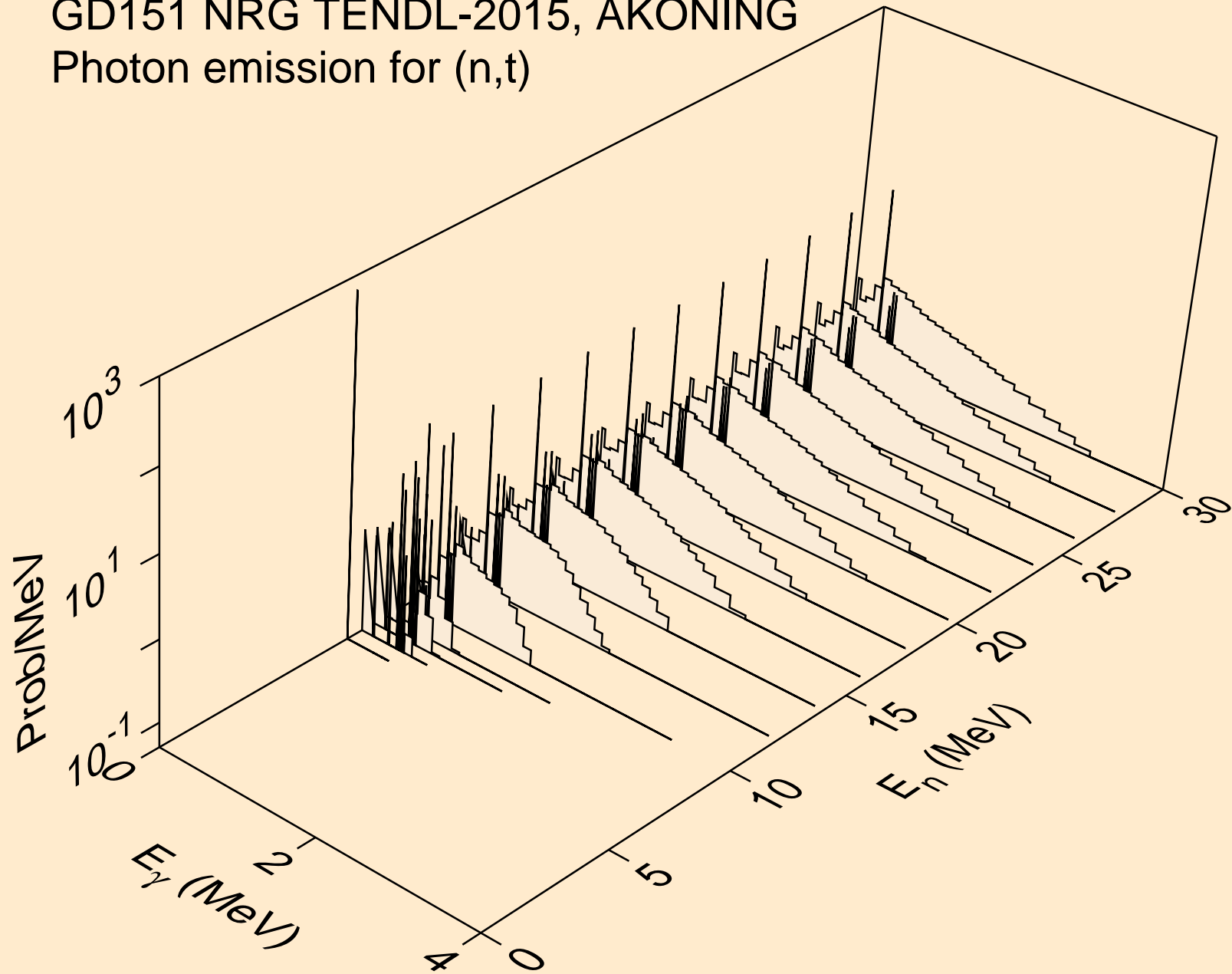
GD151 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



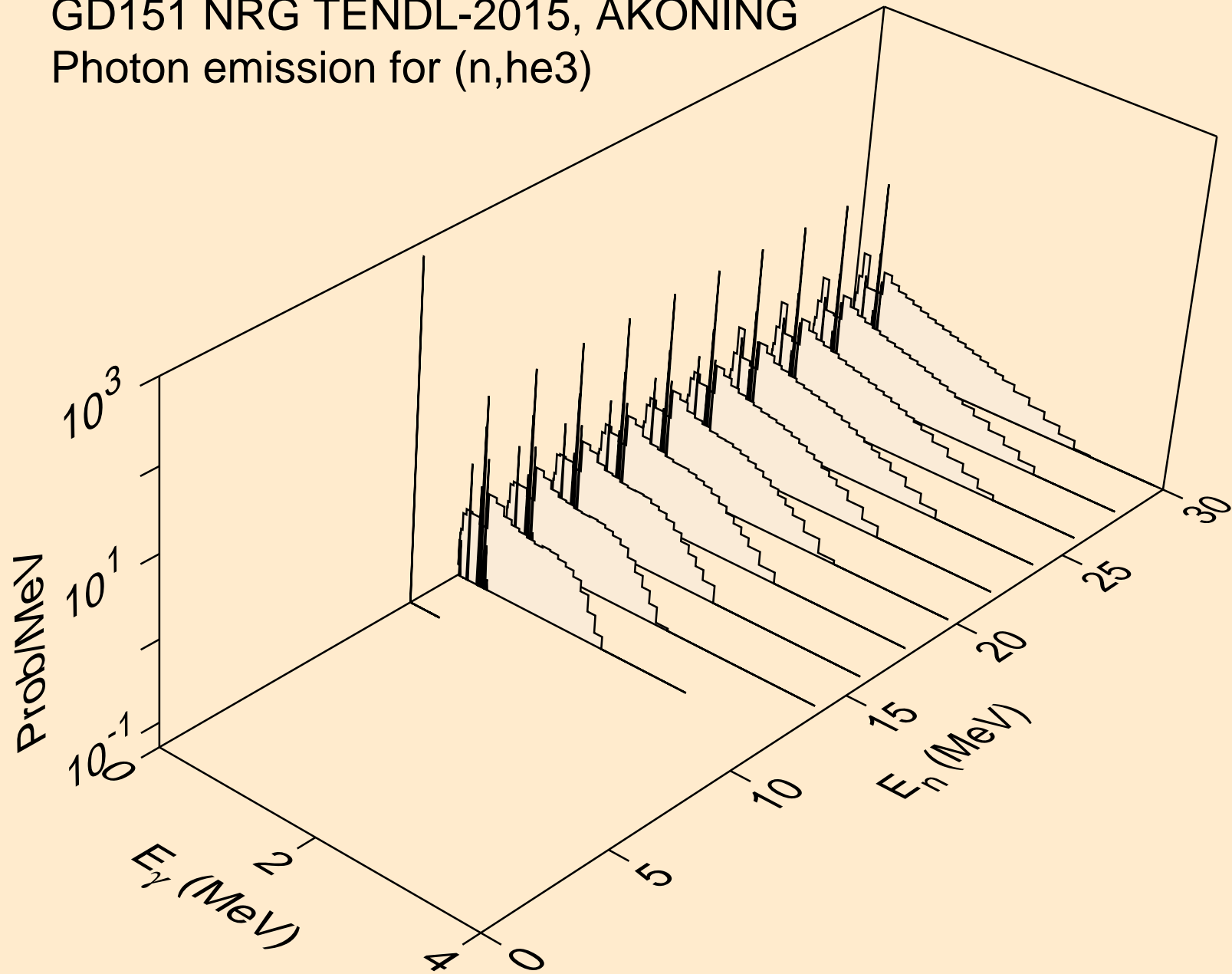
GD151 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



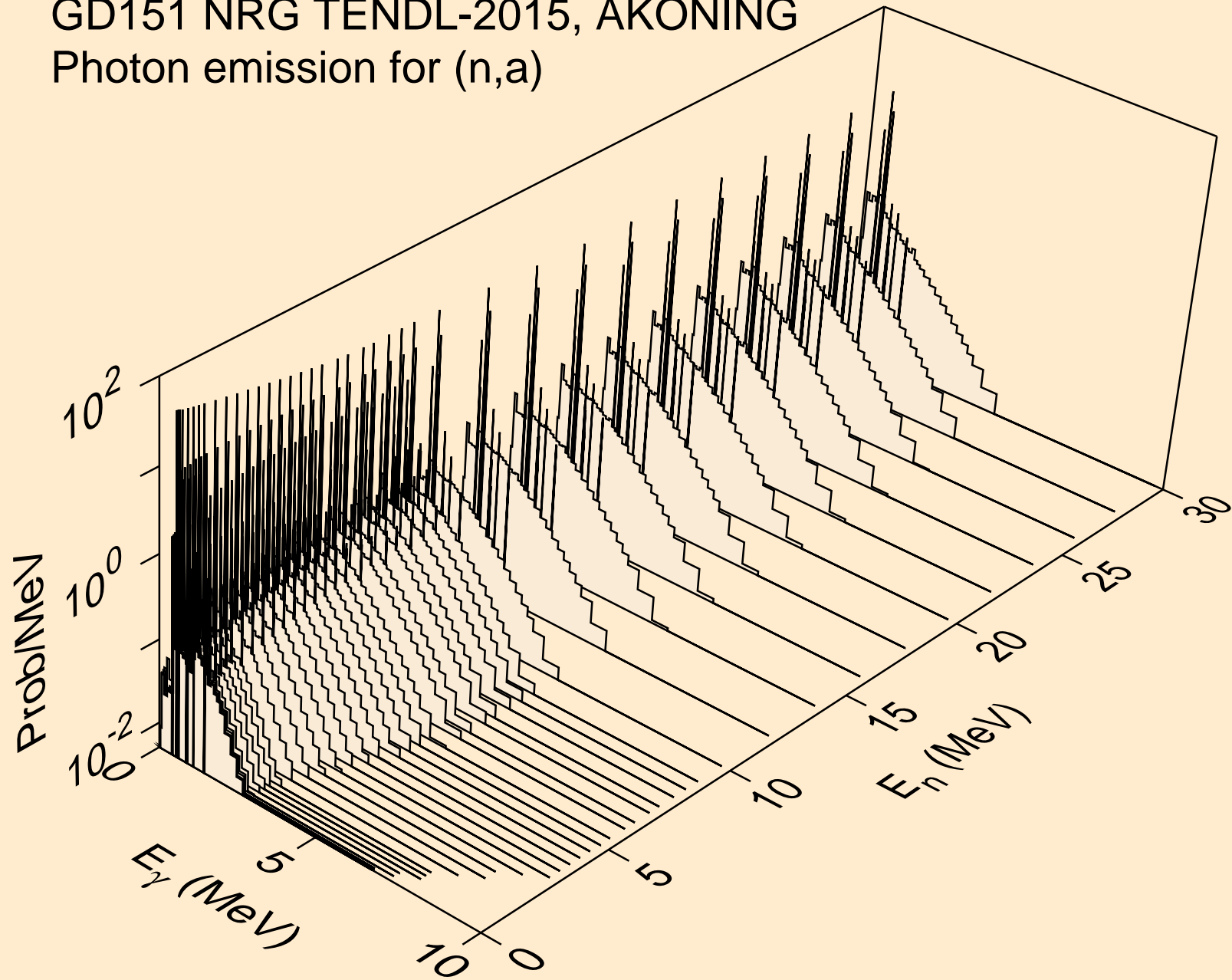
GD151 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



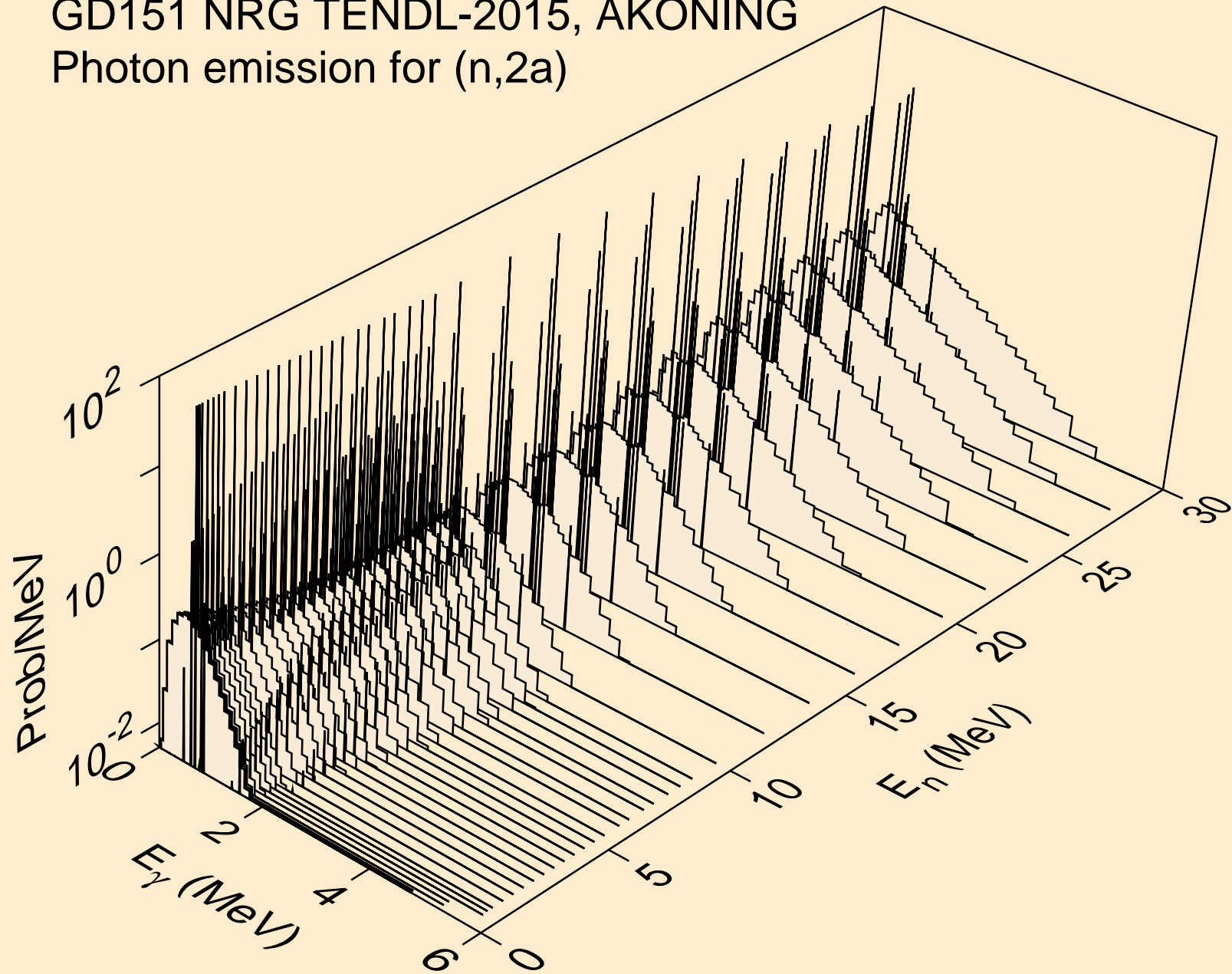
GD151 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



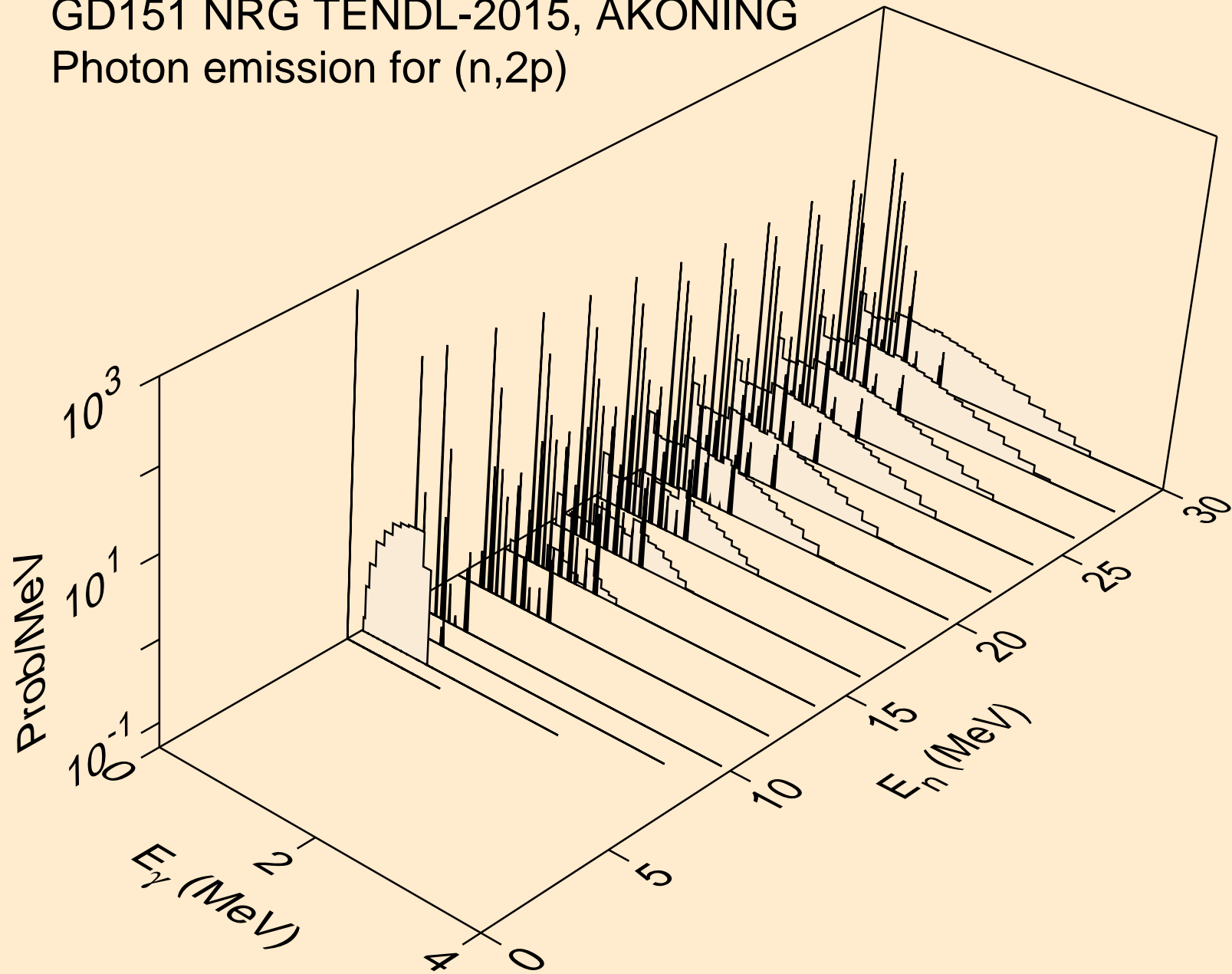
GD151 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



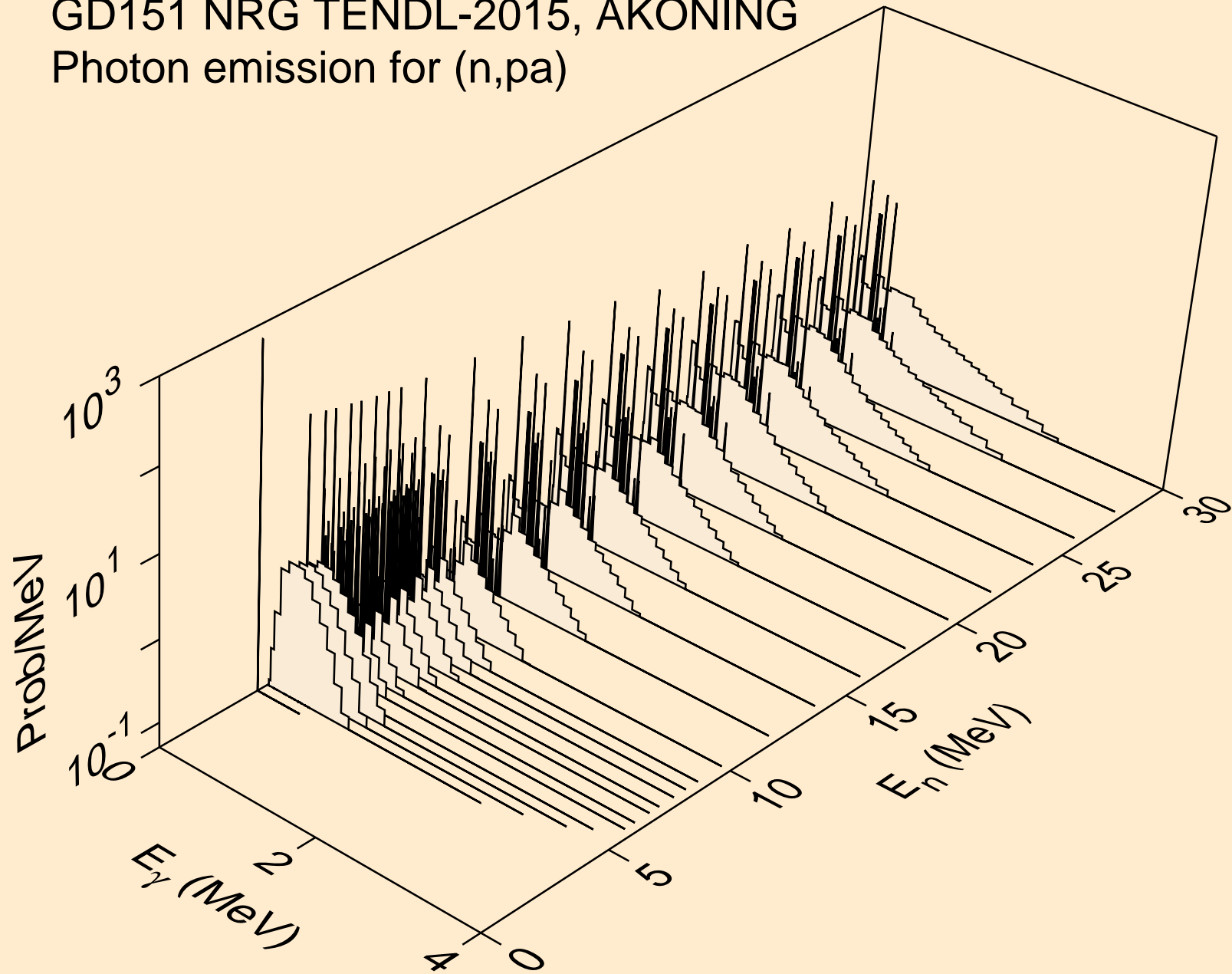
GD151 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



GD151 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)

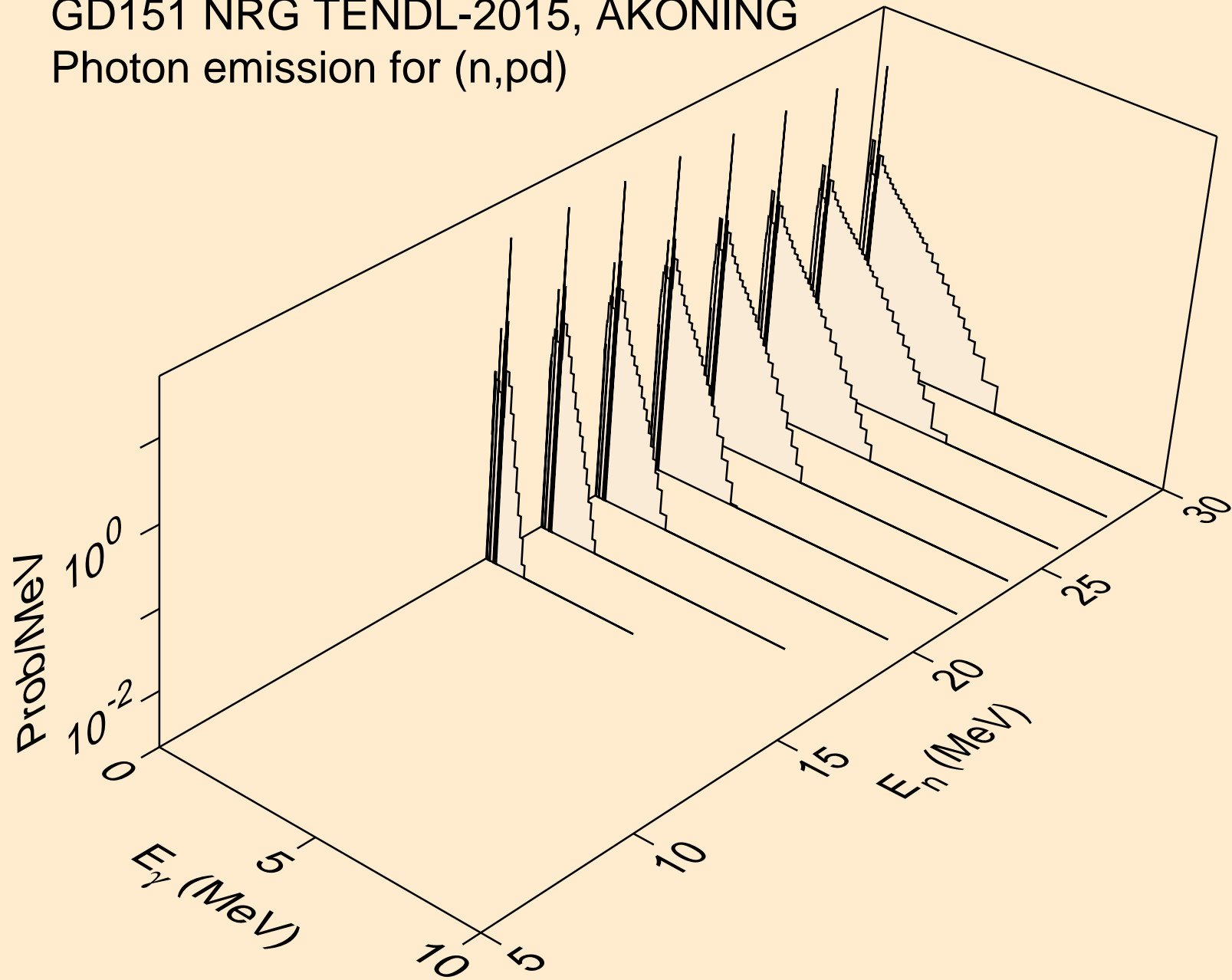


GD151 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )

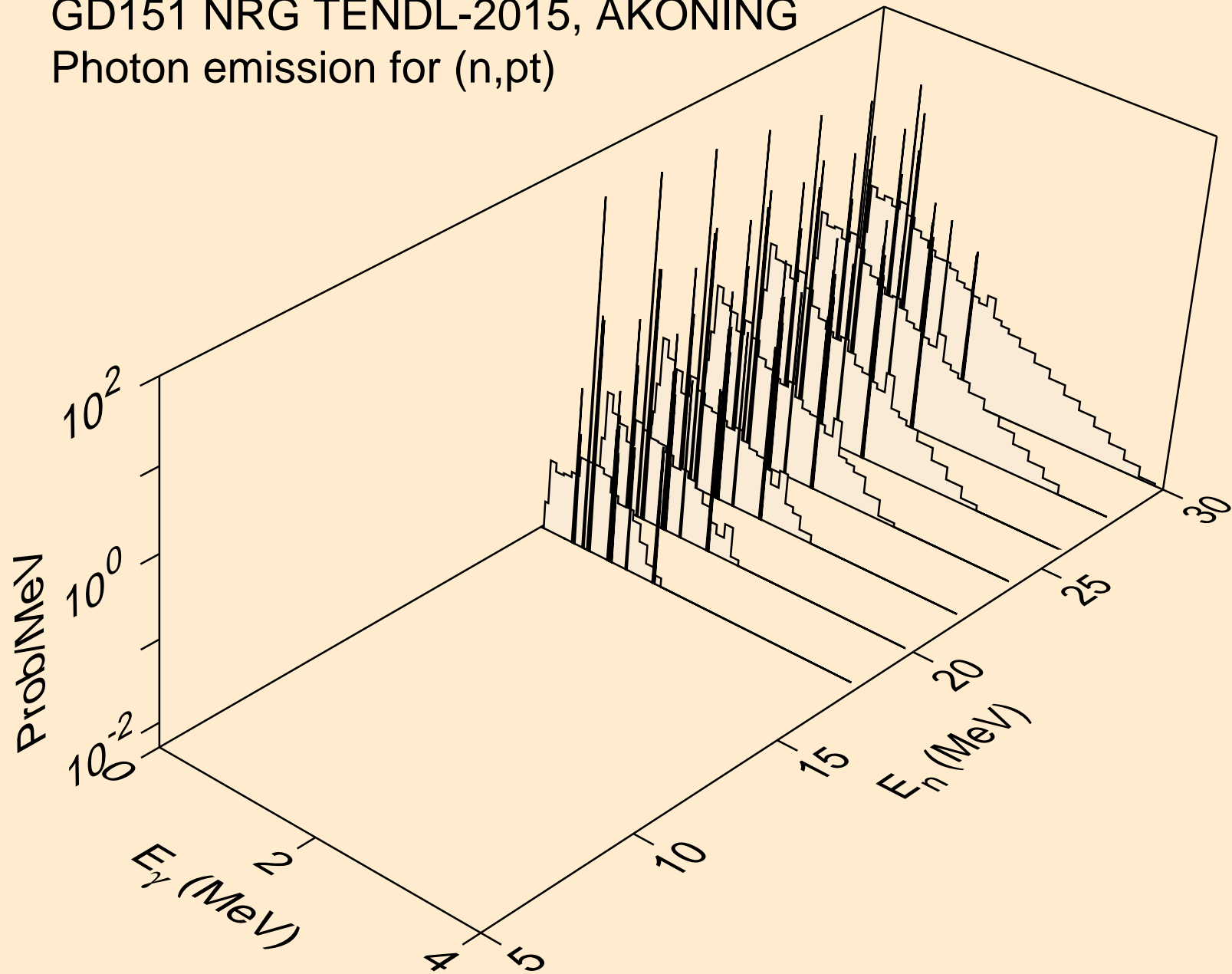




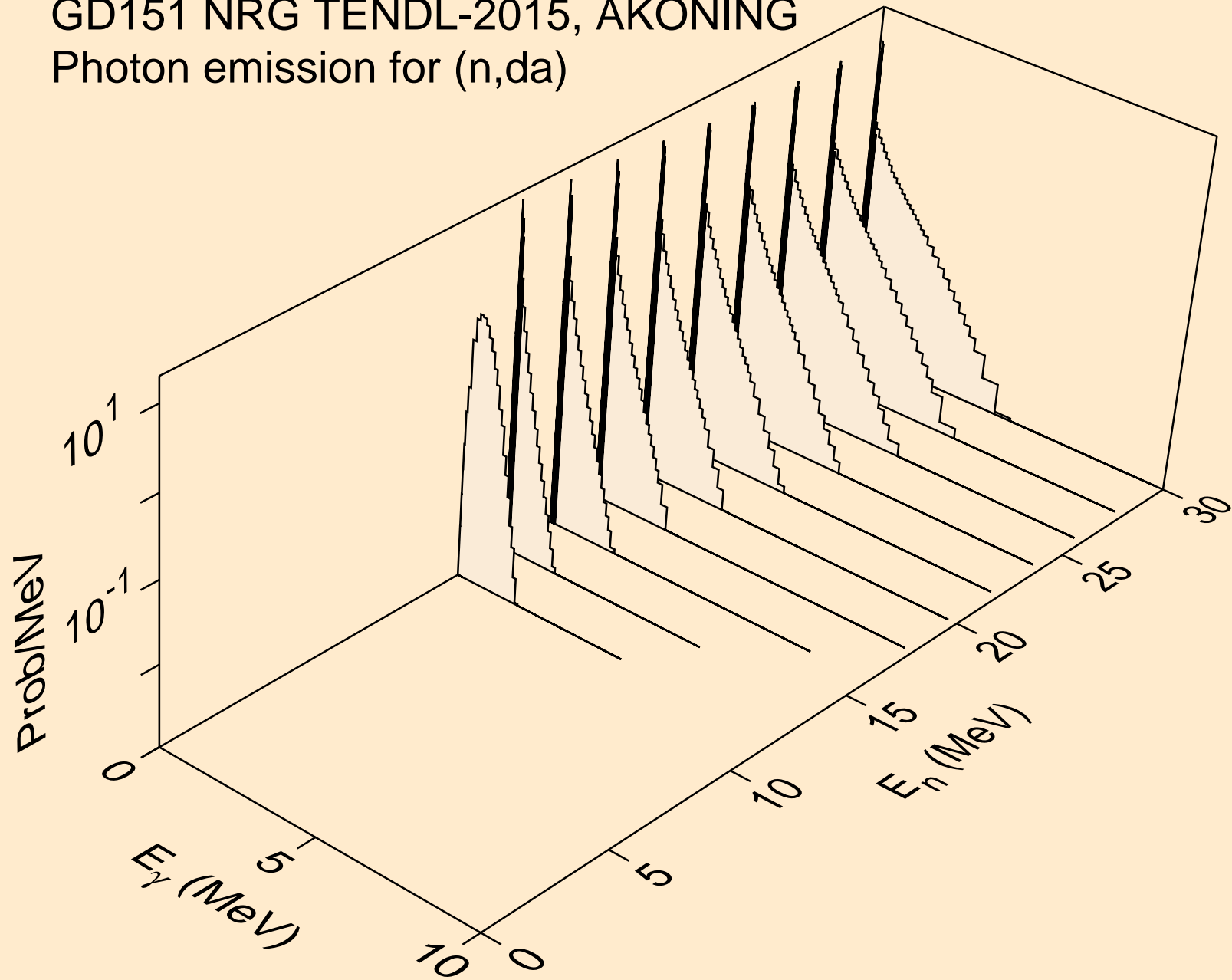
GD151 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



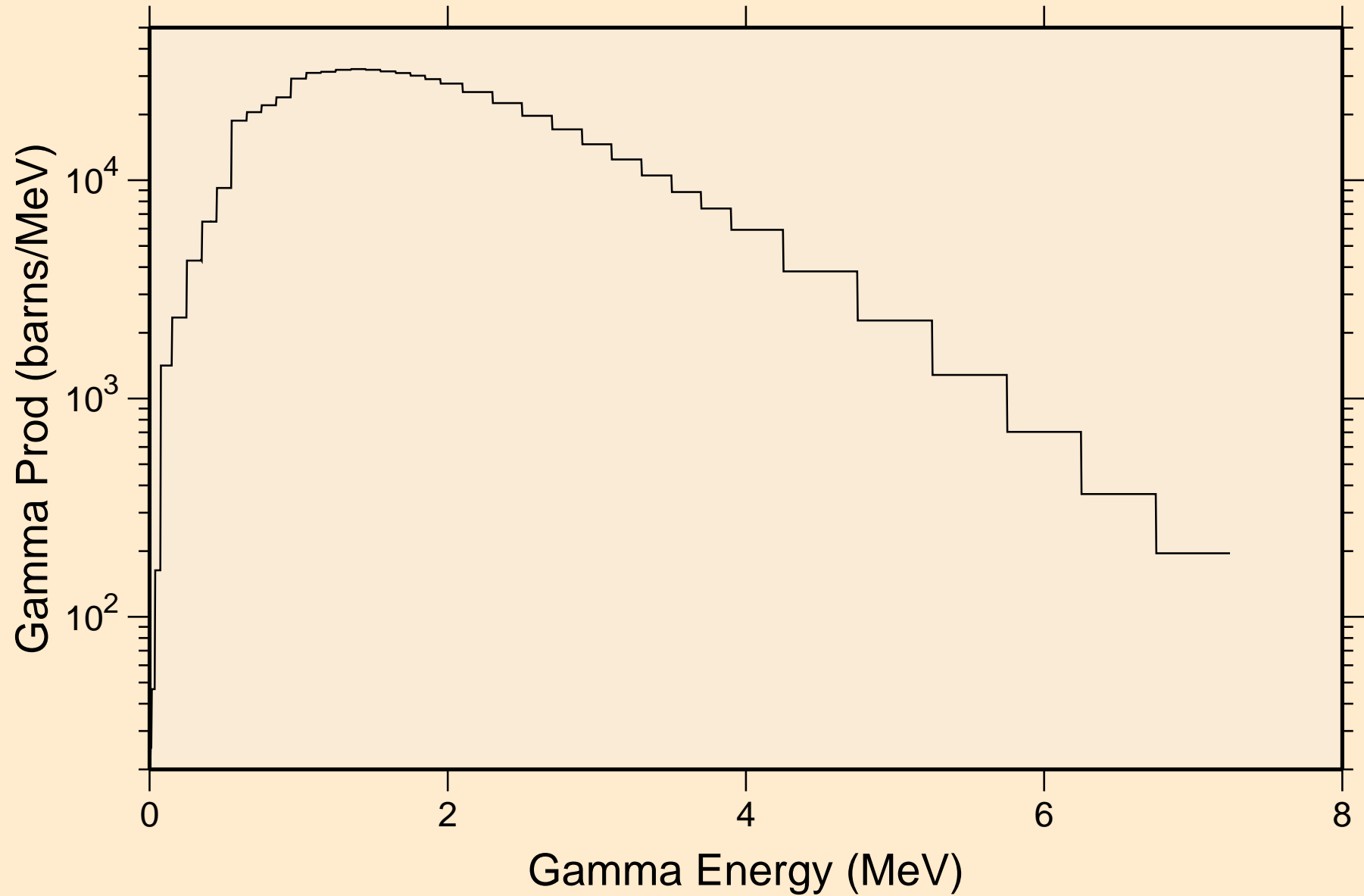
GD151 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



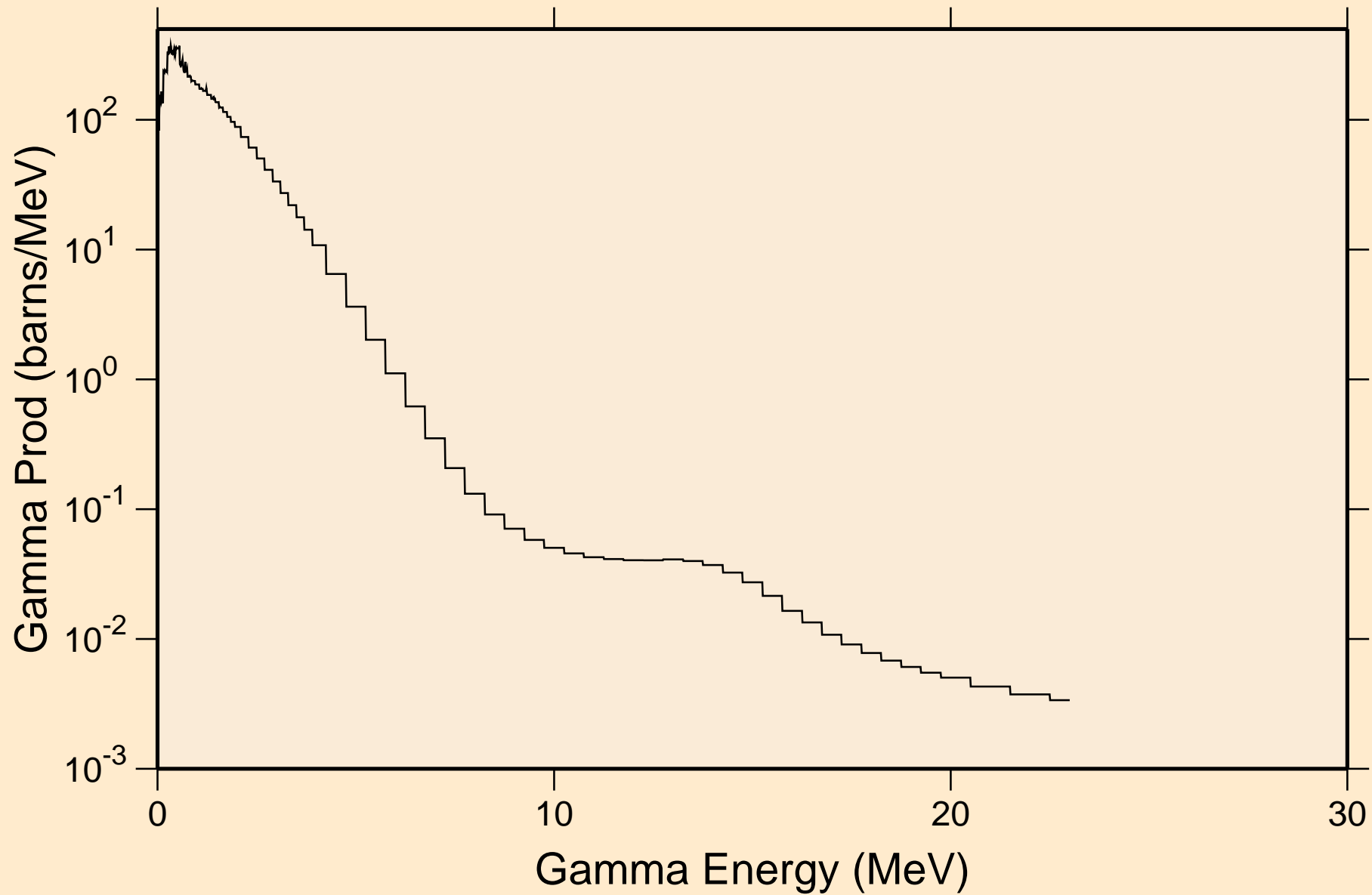
GD151 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



GD151 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

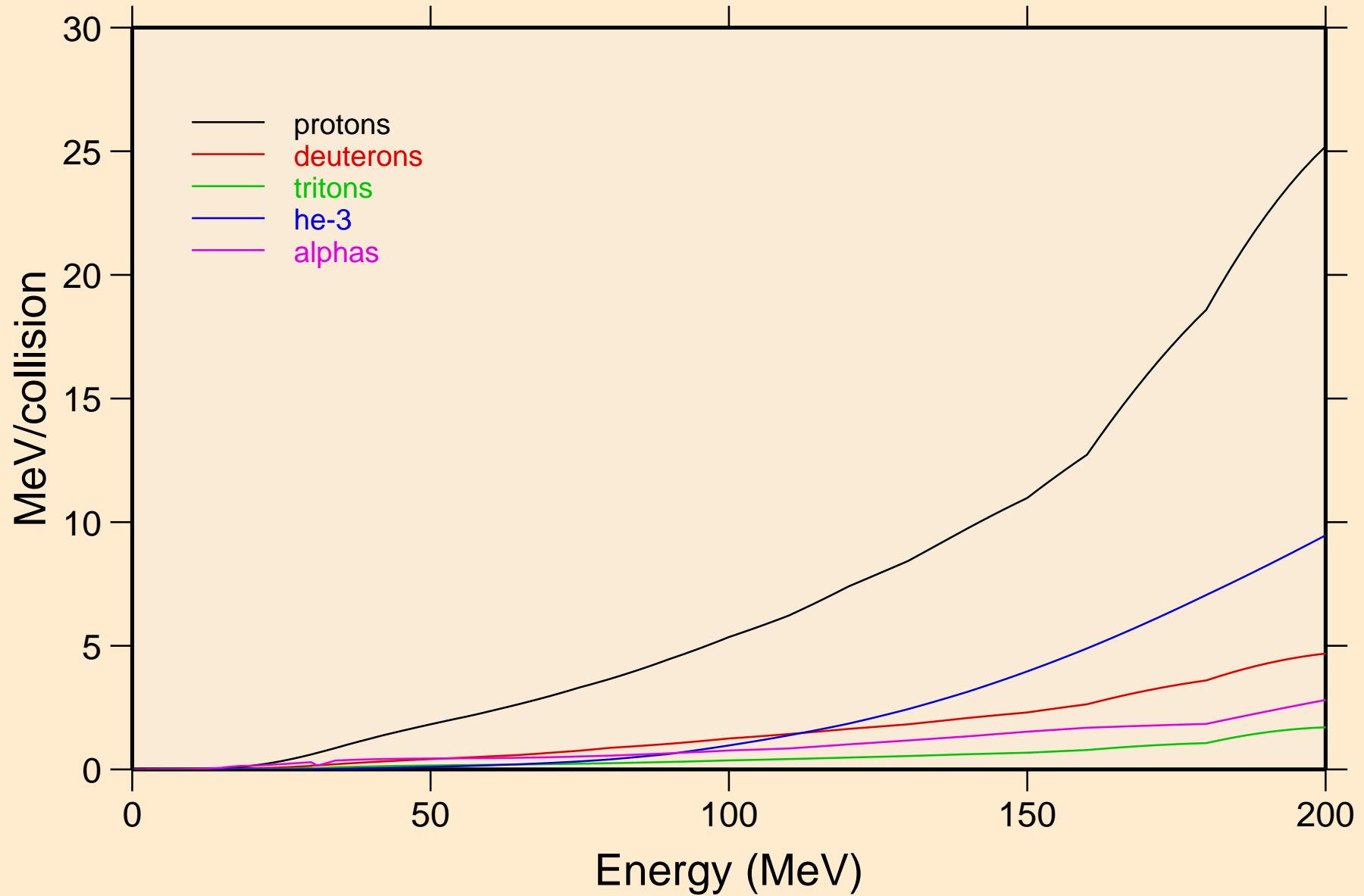


GD151 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



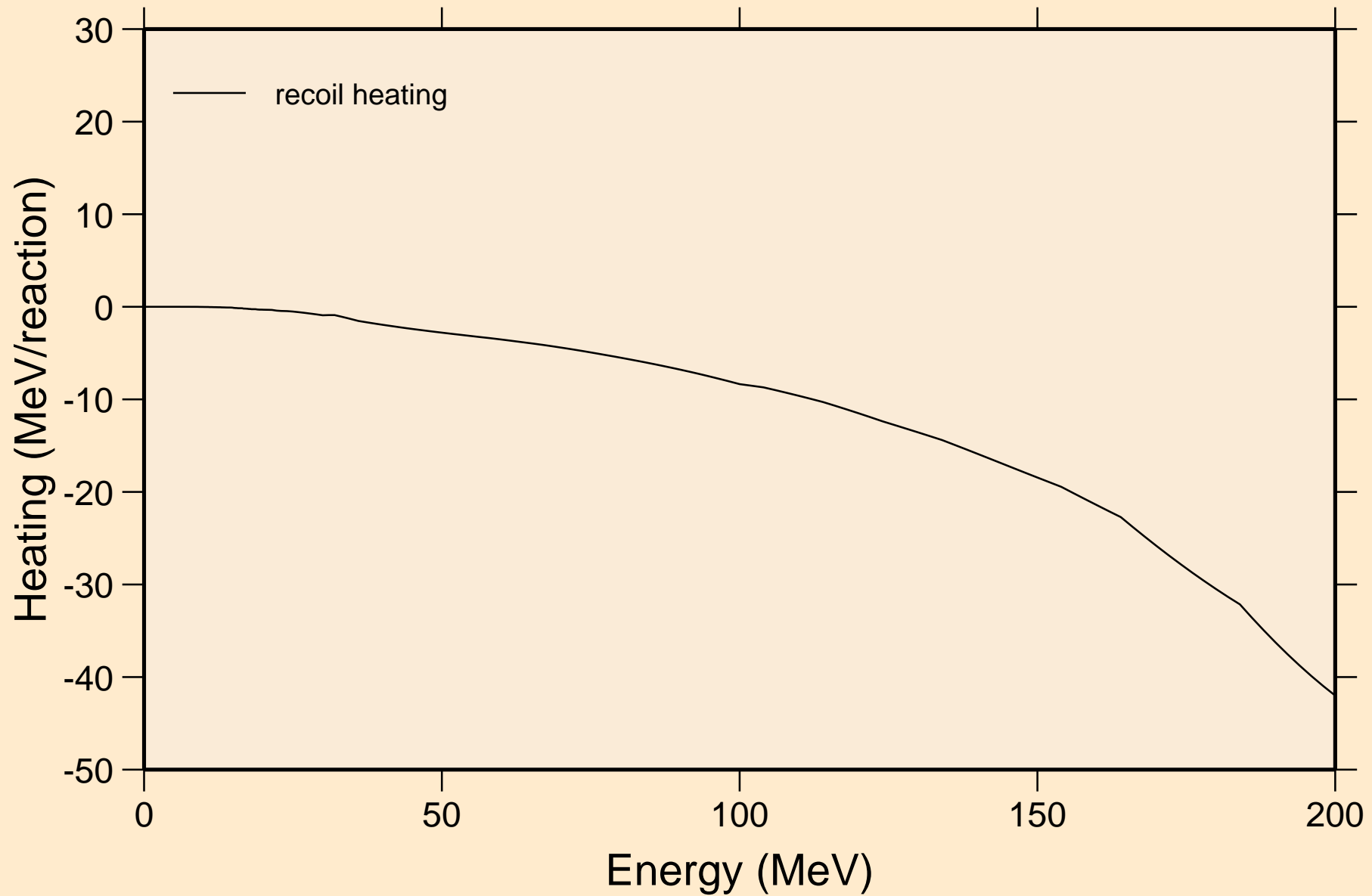
# GD151 NRG TENDL-2015, AKONING

## Particle heating contributions



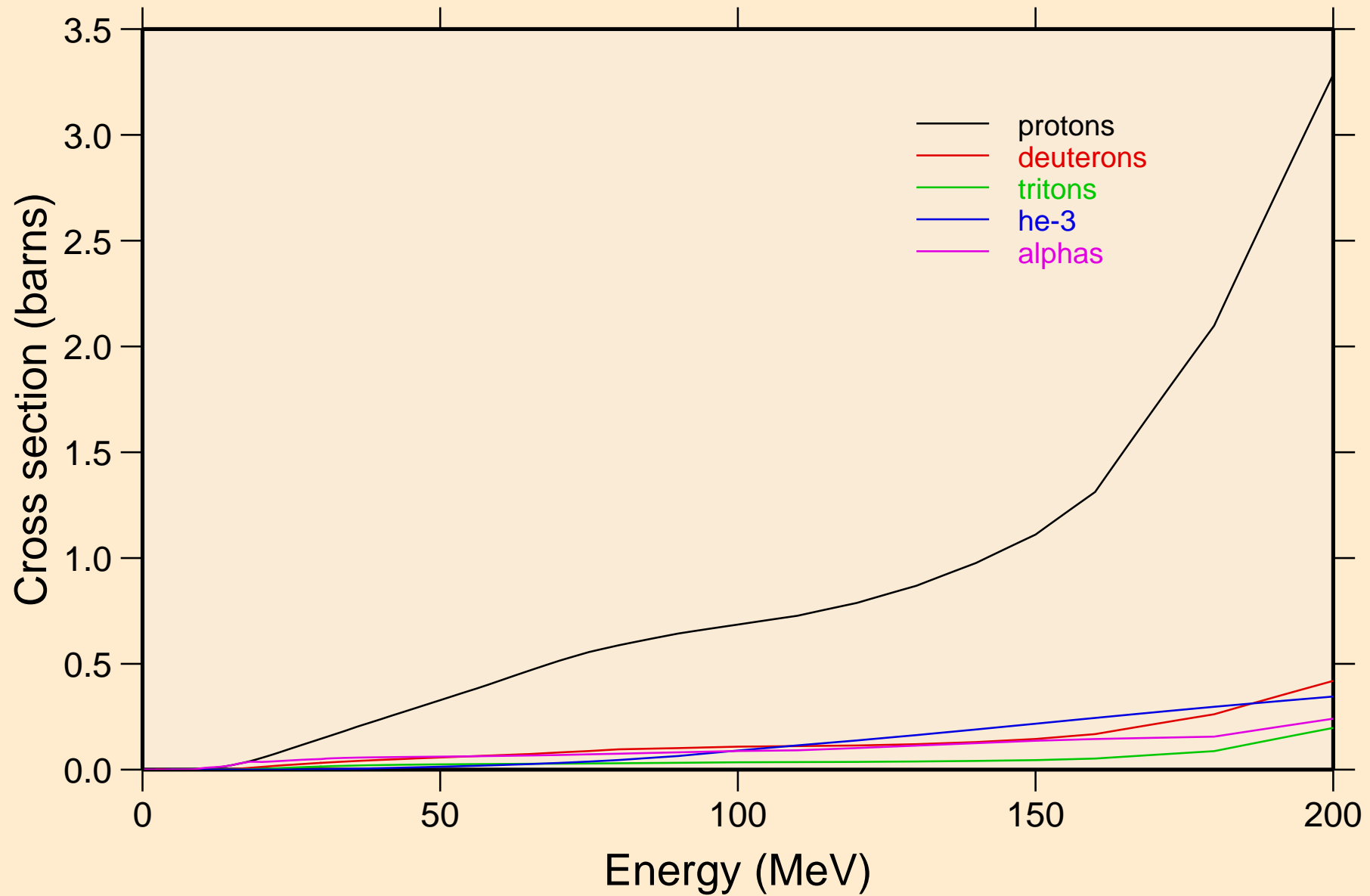
# GD151 NRG TENDL-2015, AKONING

## Recoil Heating



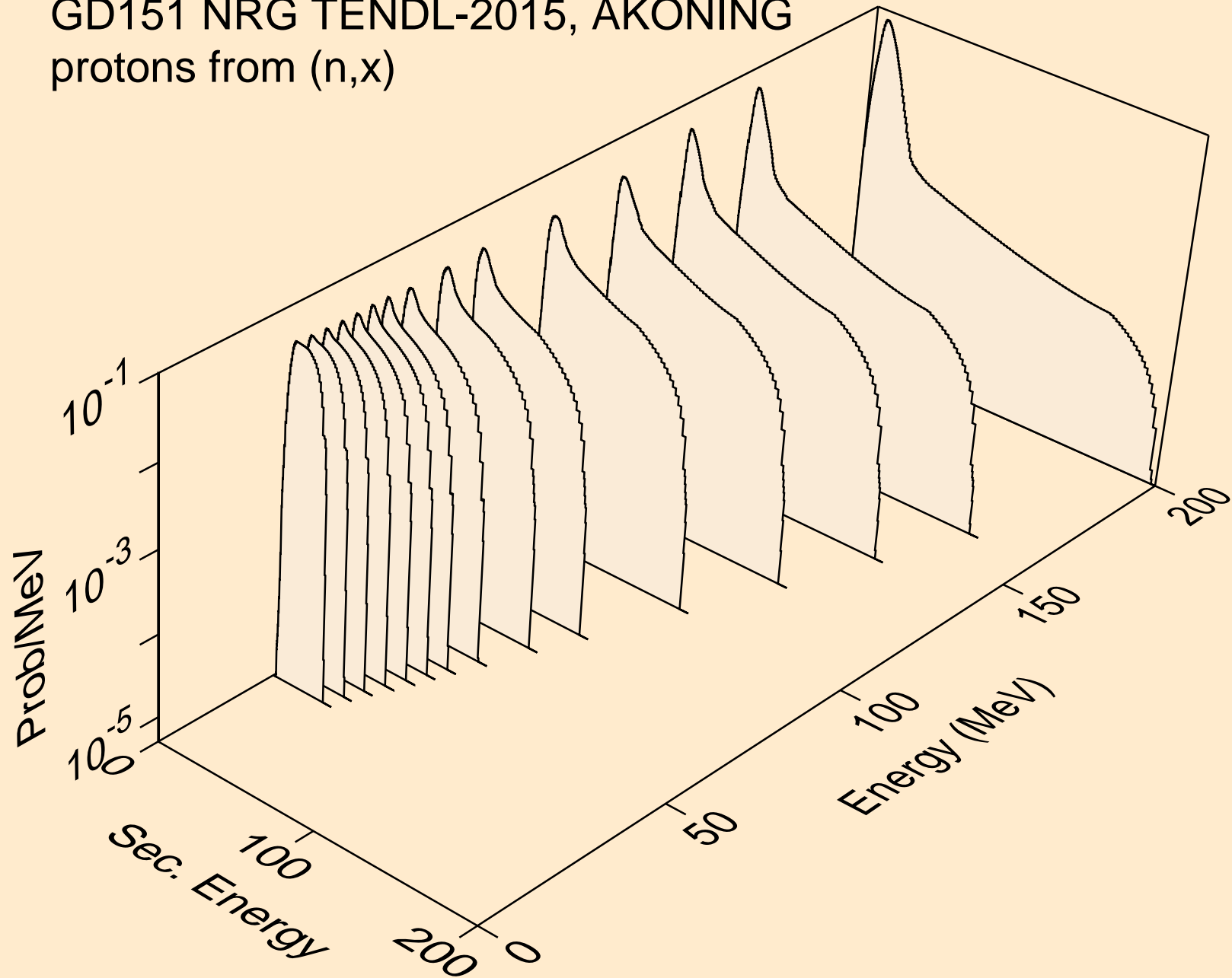
# GD151 NRG TENDL-2015, AKONING

## Particle production cross sections

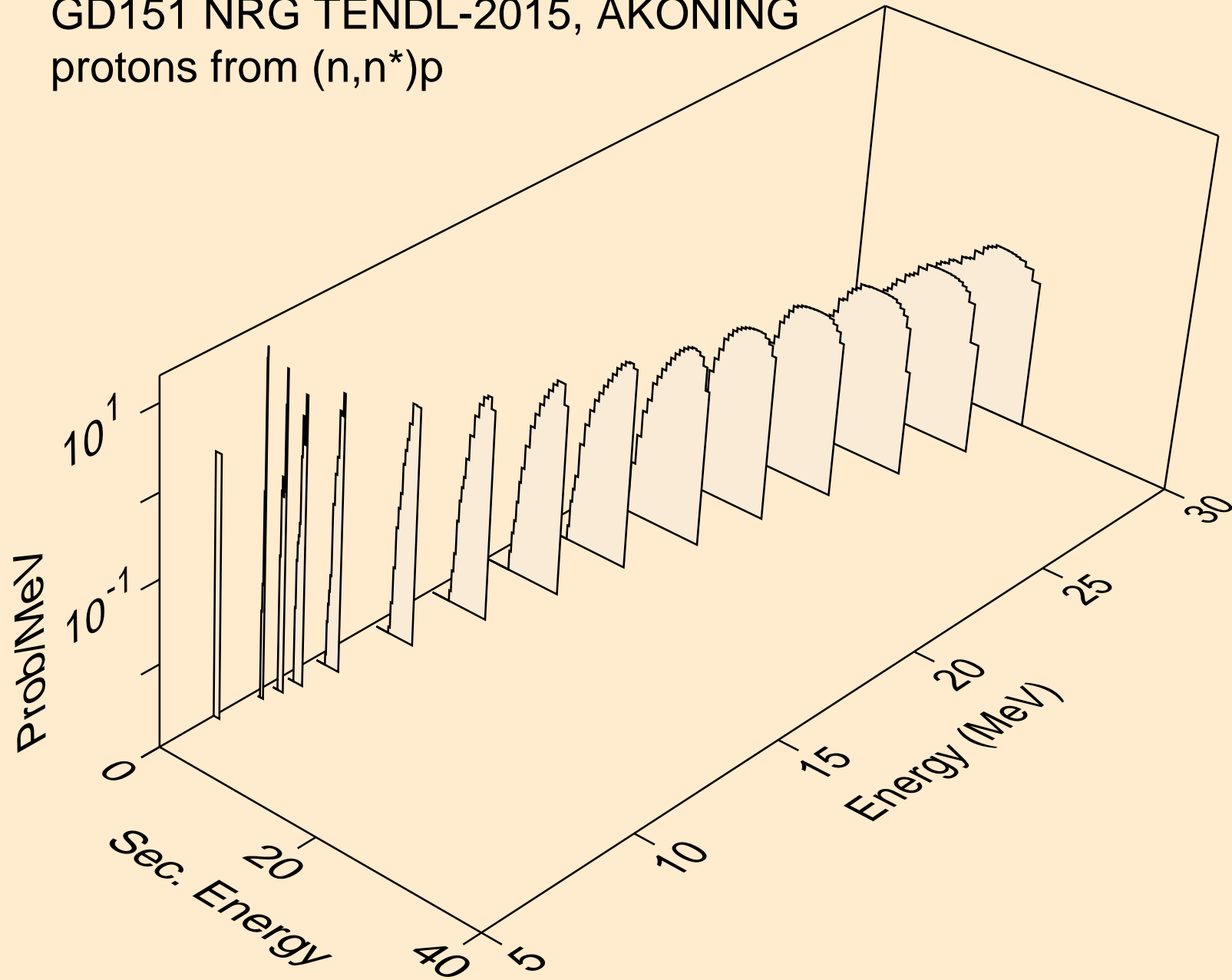




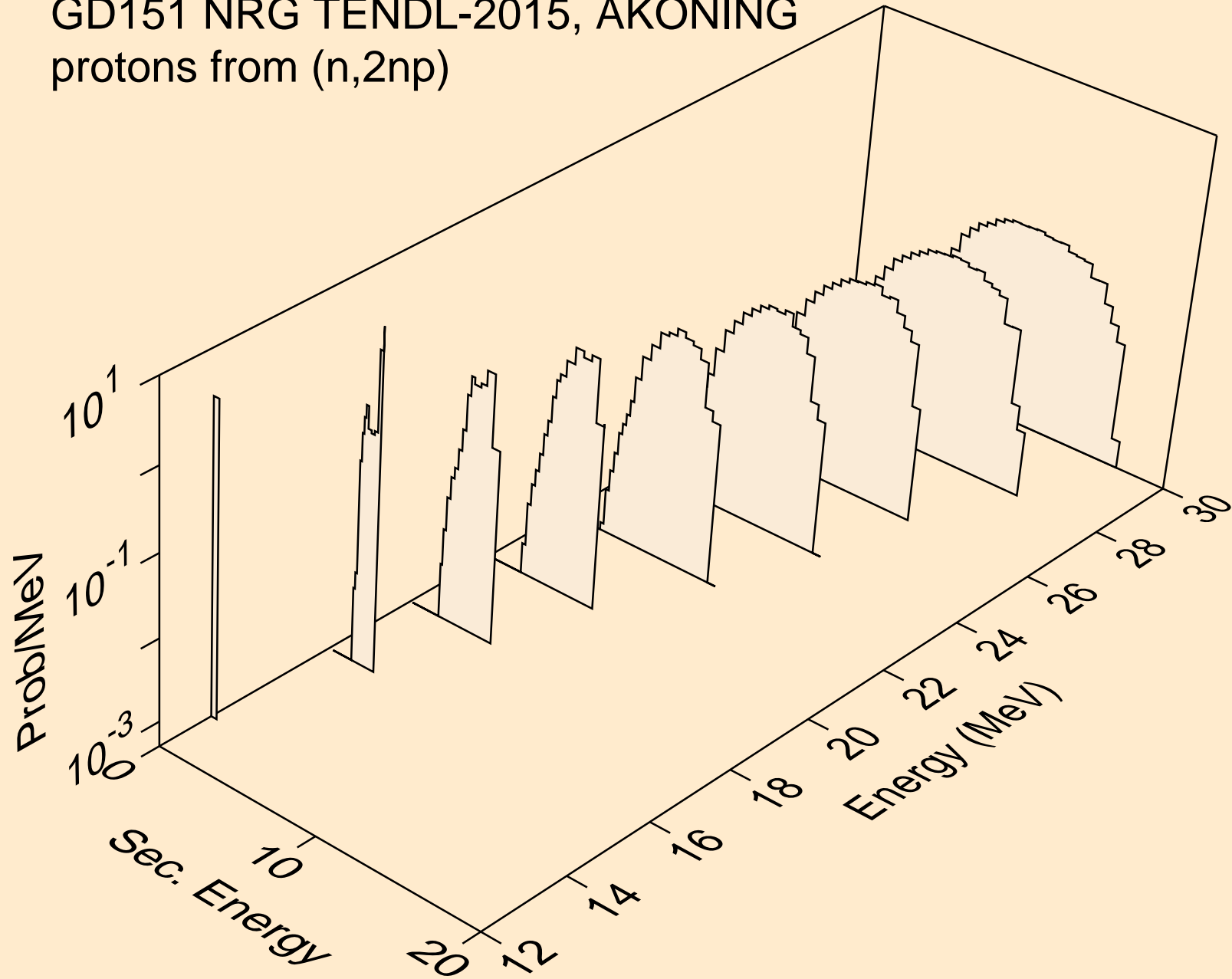
GD151 NRG TENDL-2015, AKONING  
protons from (n,x)



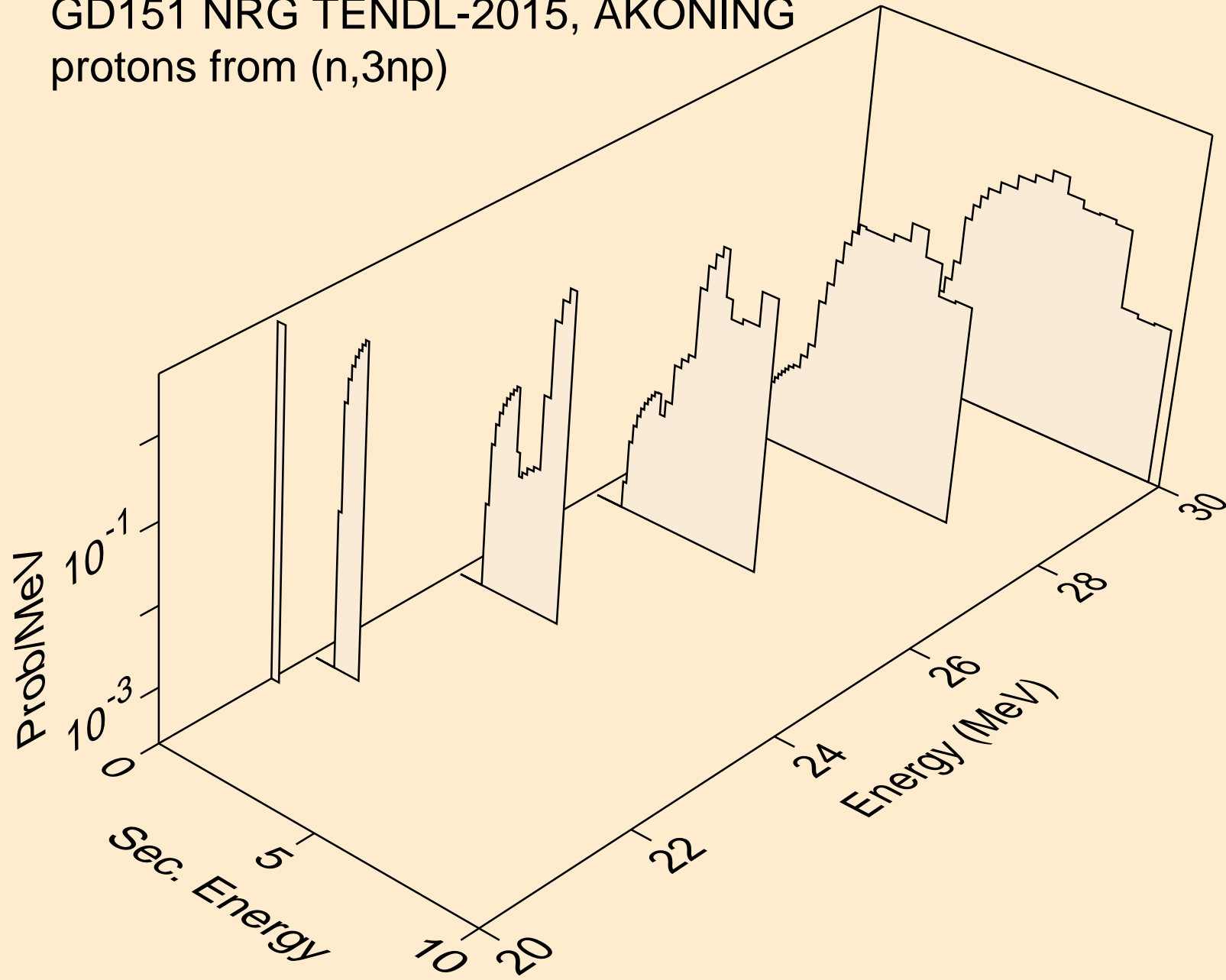
GD151 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



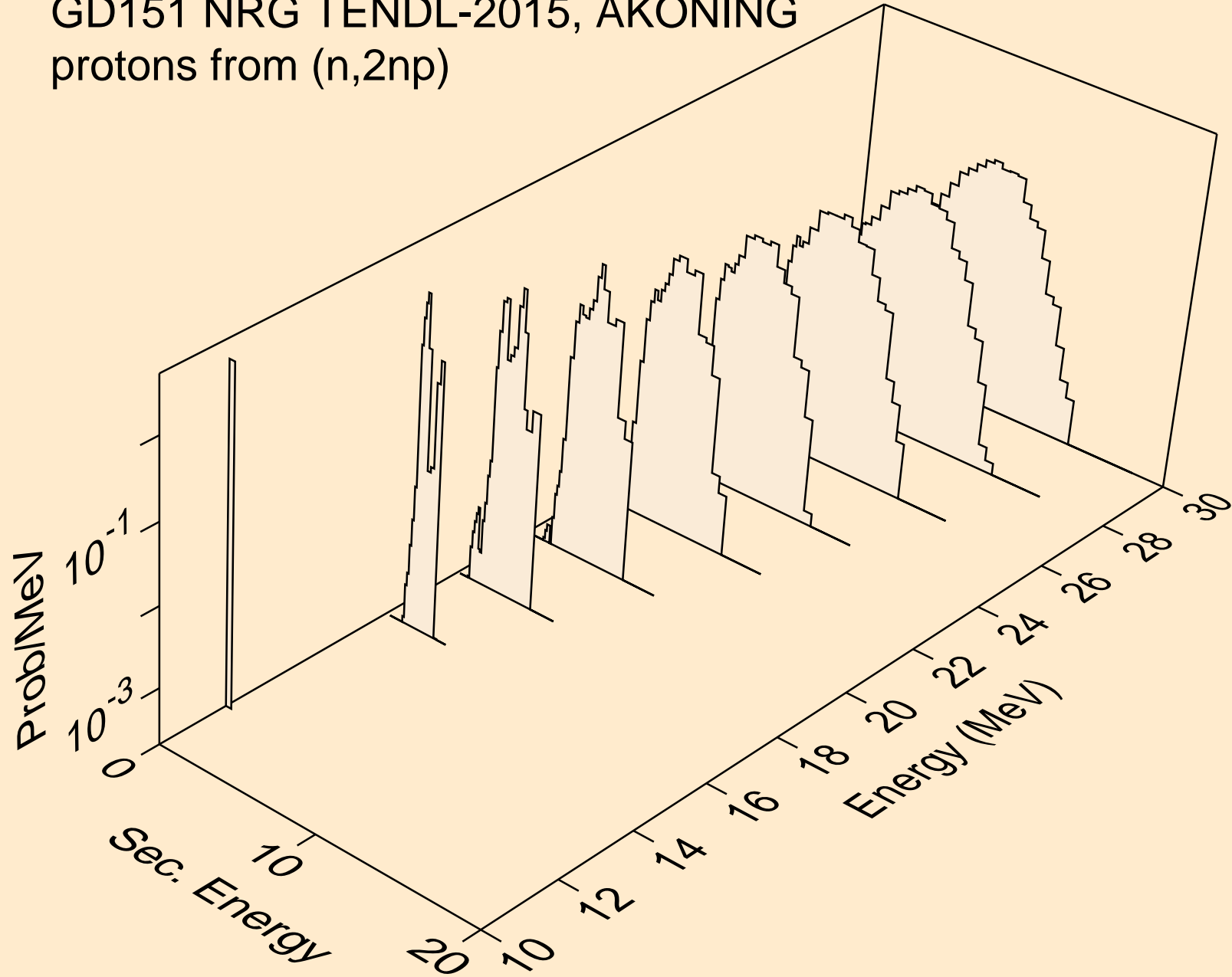
GD151 NRG TENDL-2015, AKONING  
protons from (n,2np)



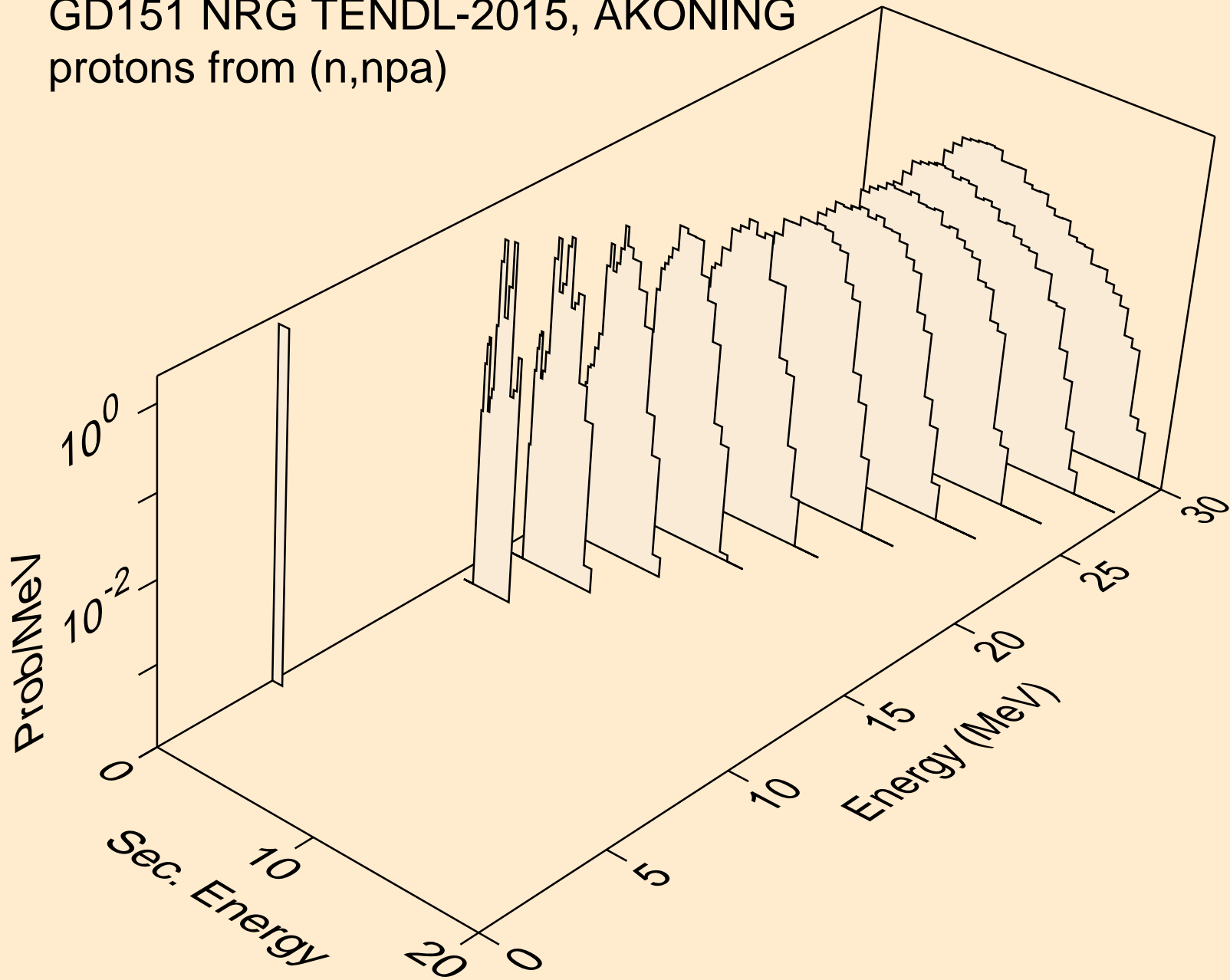
GD151 NRG TENDL-2015, AKONING  
protons from (n,3np)



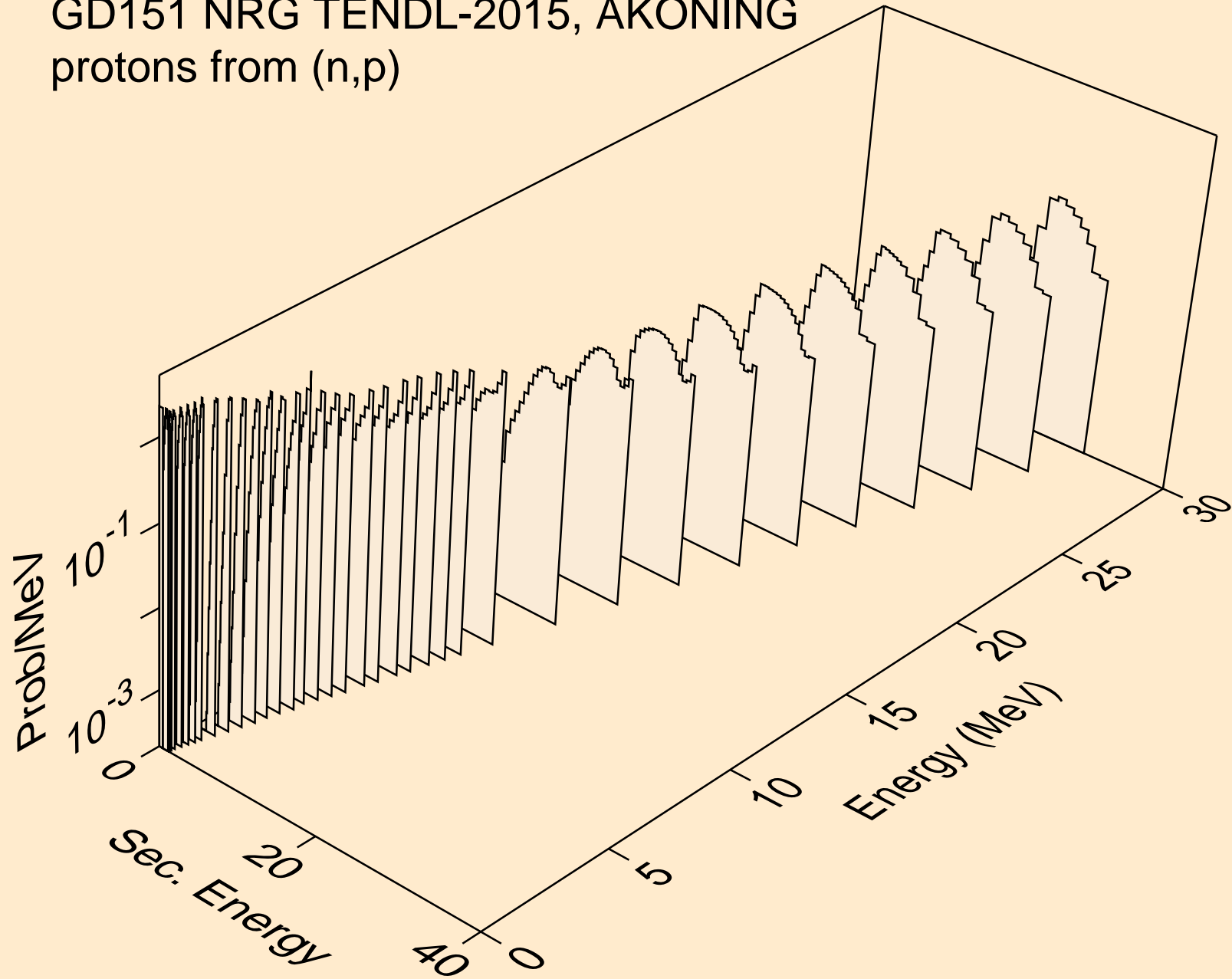
GD151 NRG TENDL-2015, AKONING  
protons from (n,2np)



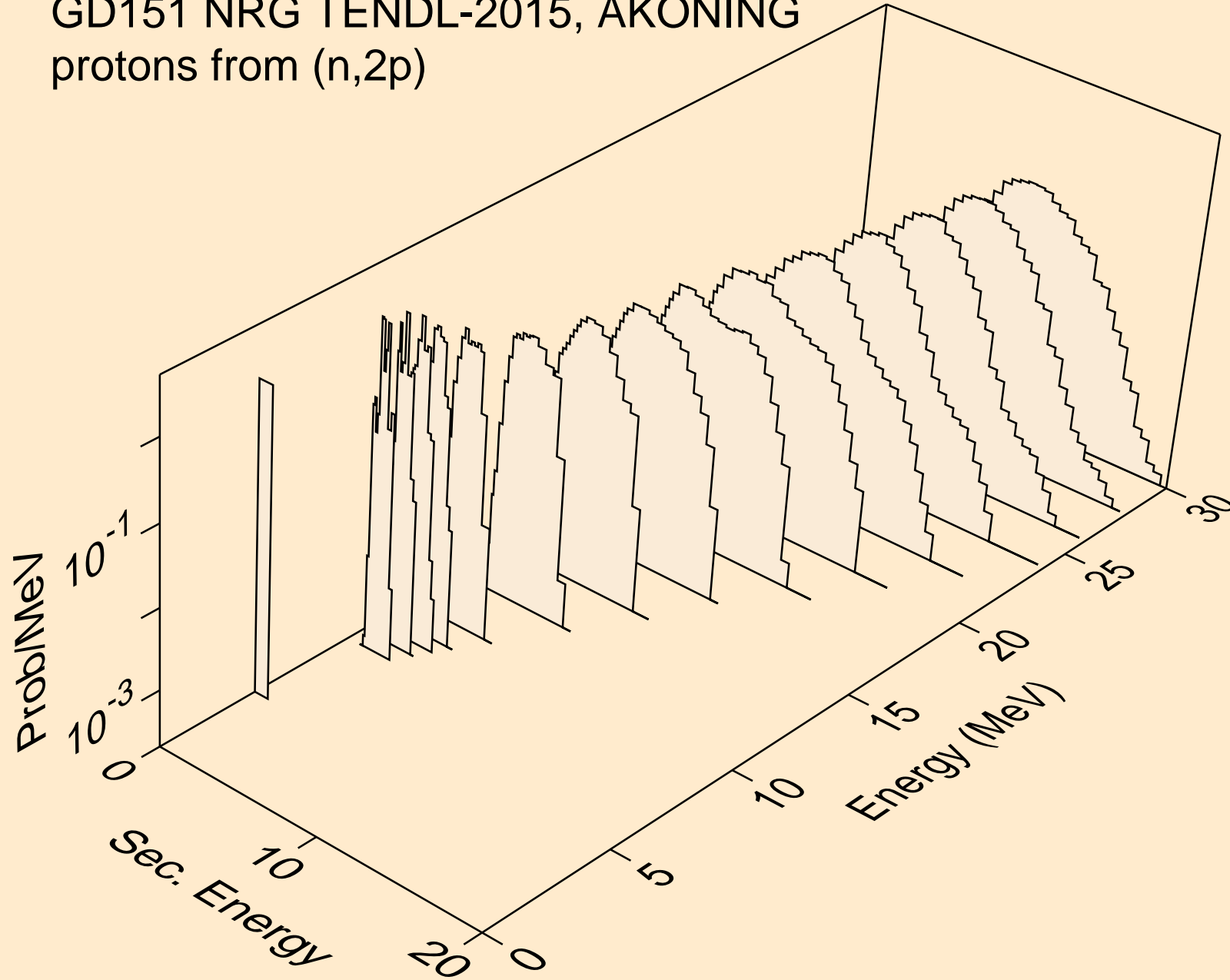
GD151 NRG TENDL-2015, AKONING  
protons from (n,npa)



GD151 NRG TENDL-2015, AKONING  
protons from (n,p)

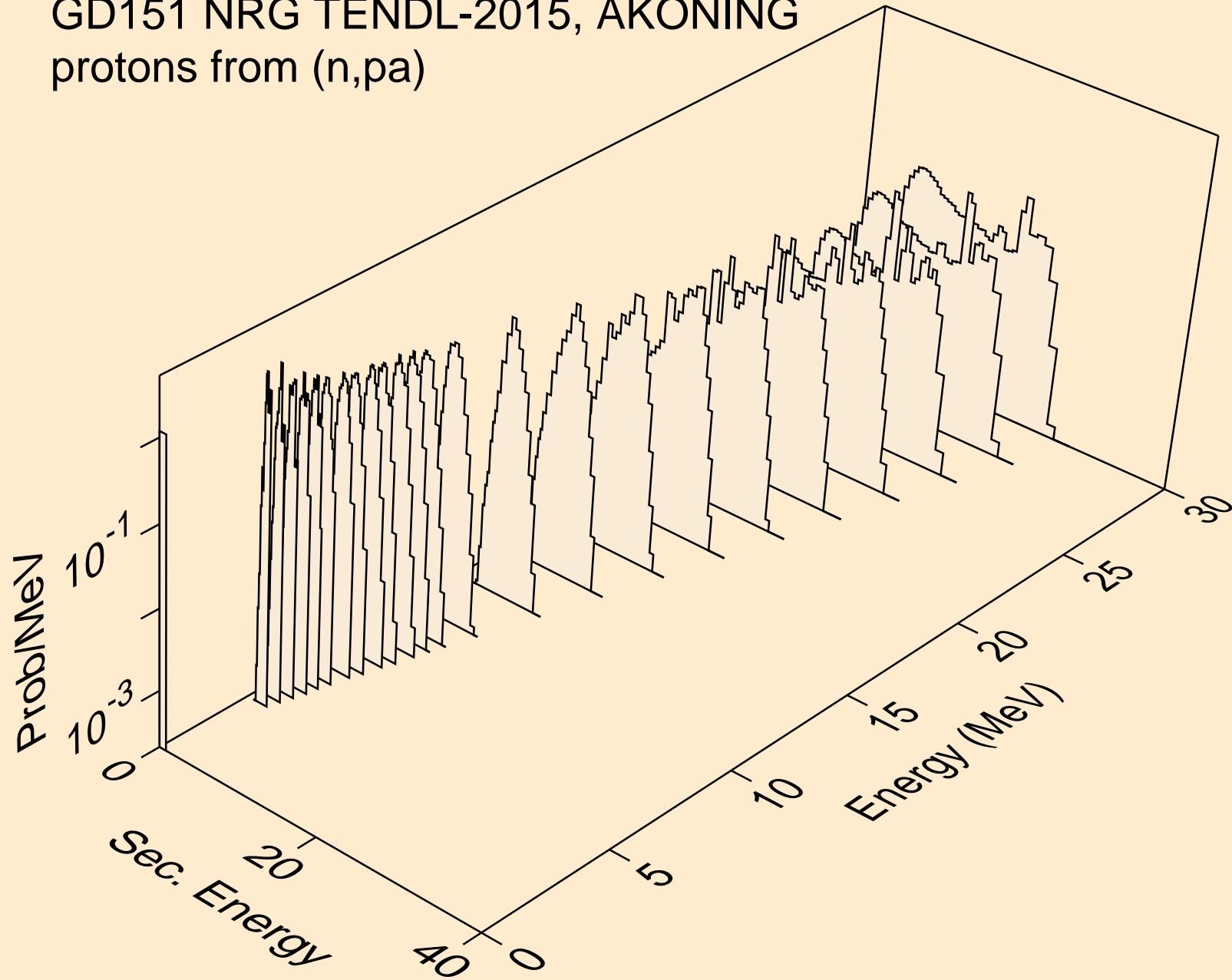


GD151 NRG TENDL-2015, AKONING  
protons from (n,2p)

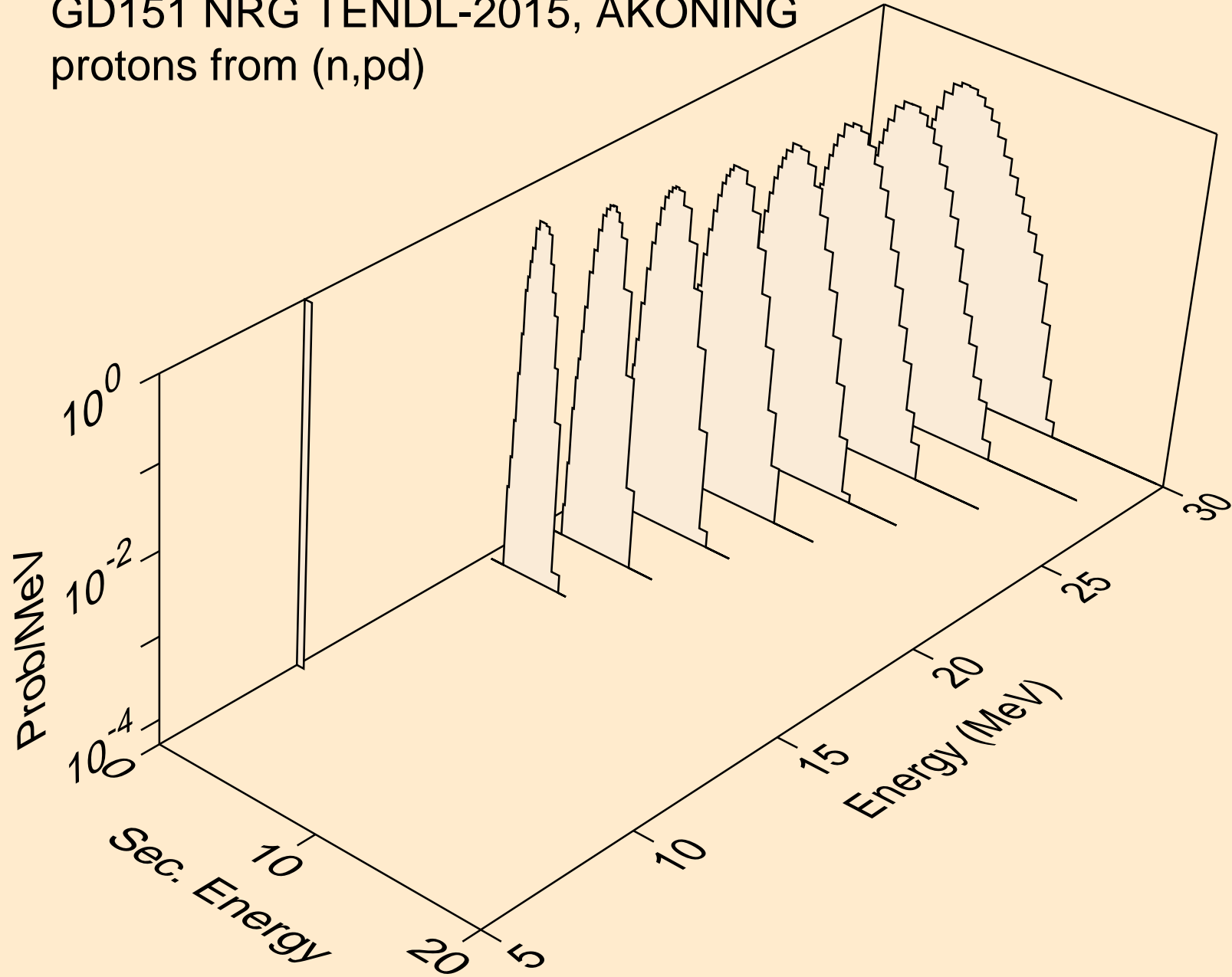




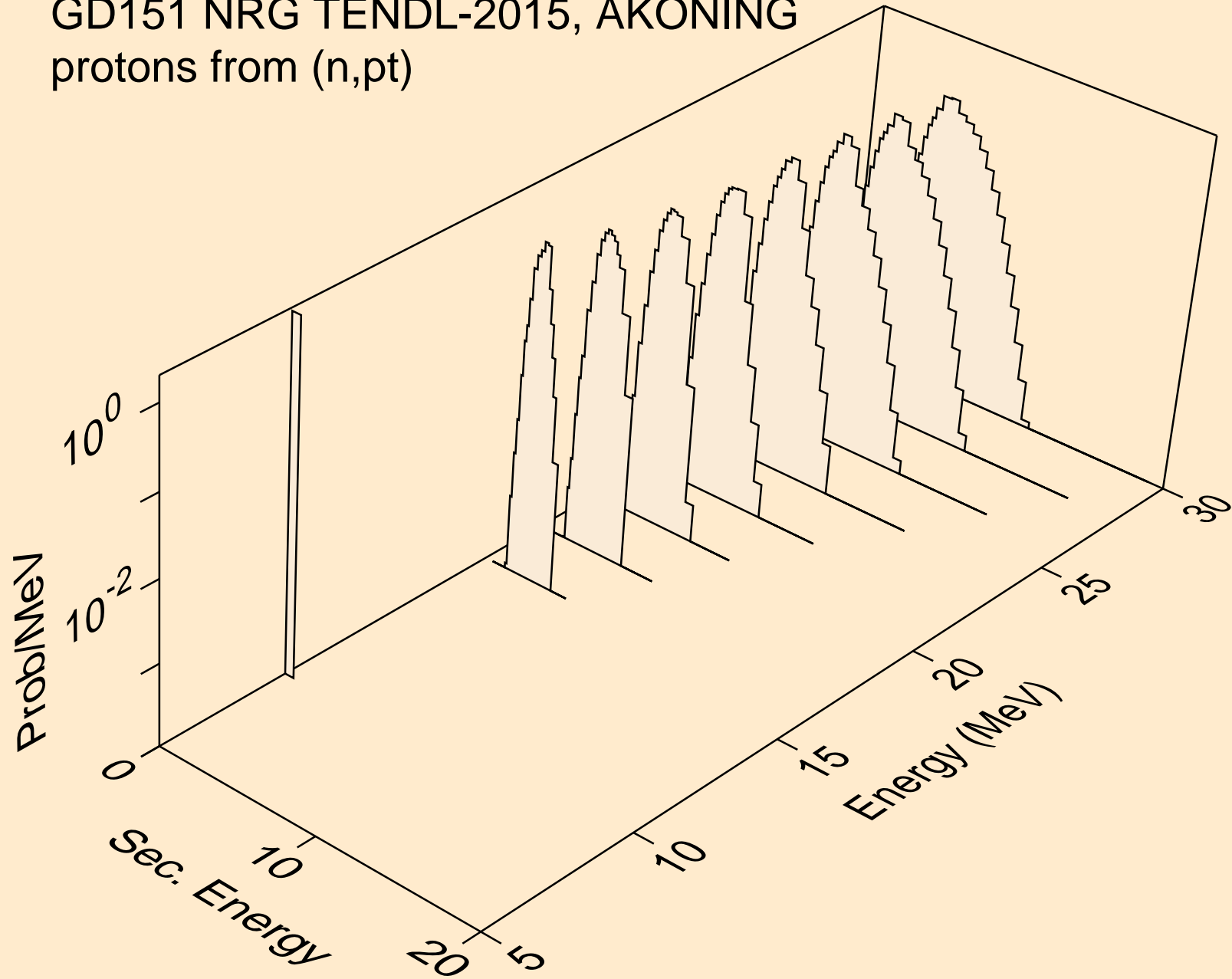
GD151 NRG TENDL-2015, AKONING  
protons from (n,pa)



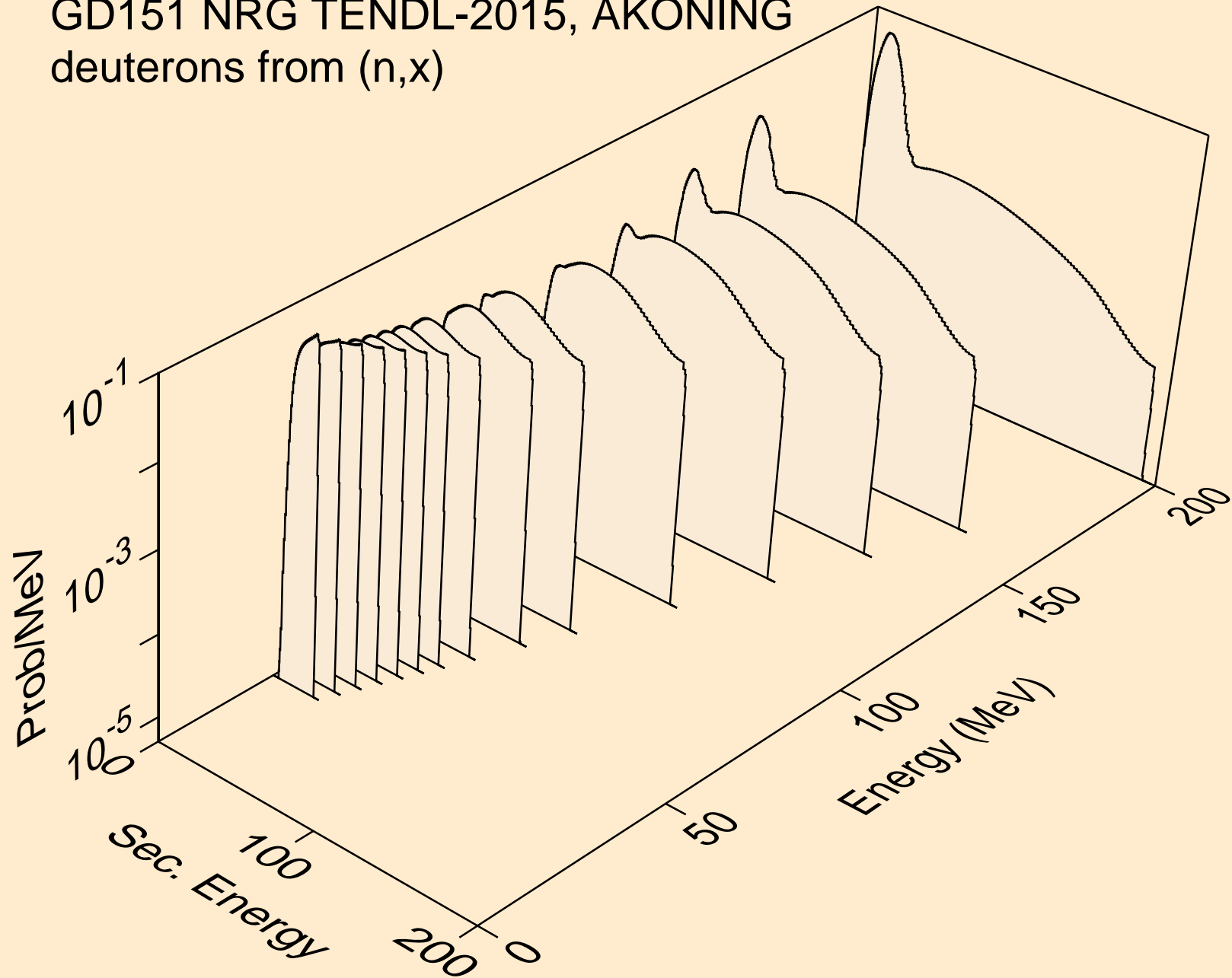
GD151 NRG TENDL-2015, AKONING  
protons from (n,pd)



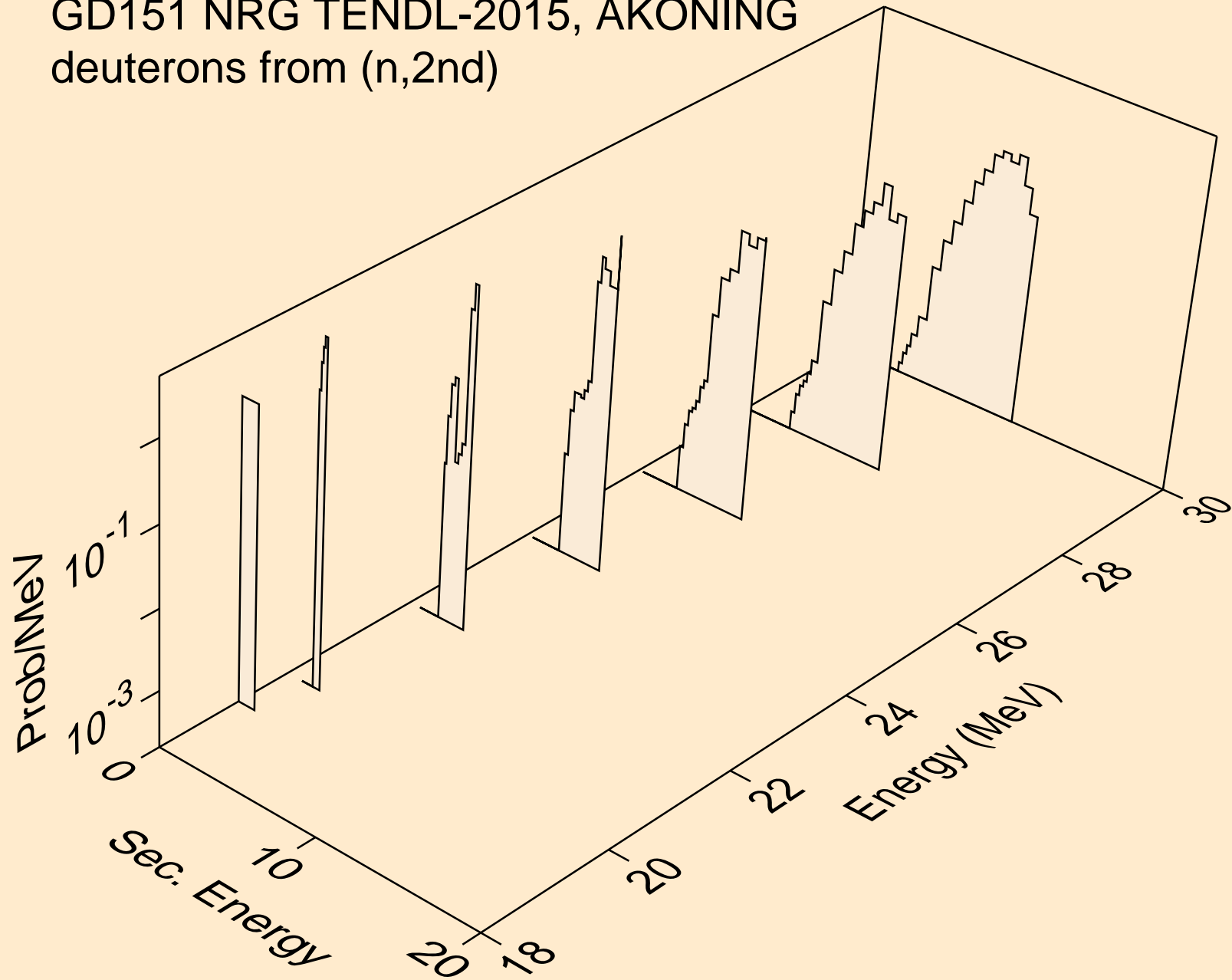
GD151 NRG TENDL-2015, AKONING  
protons from (n,pt)



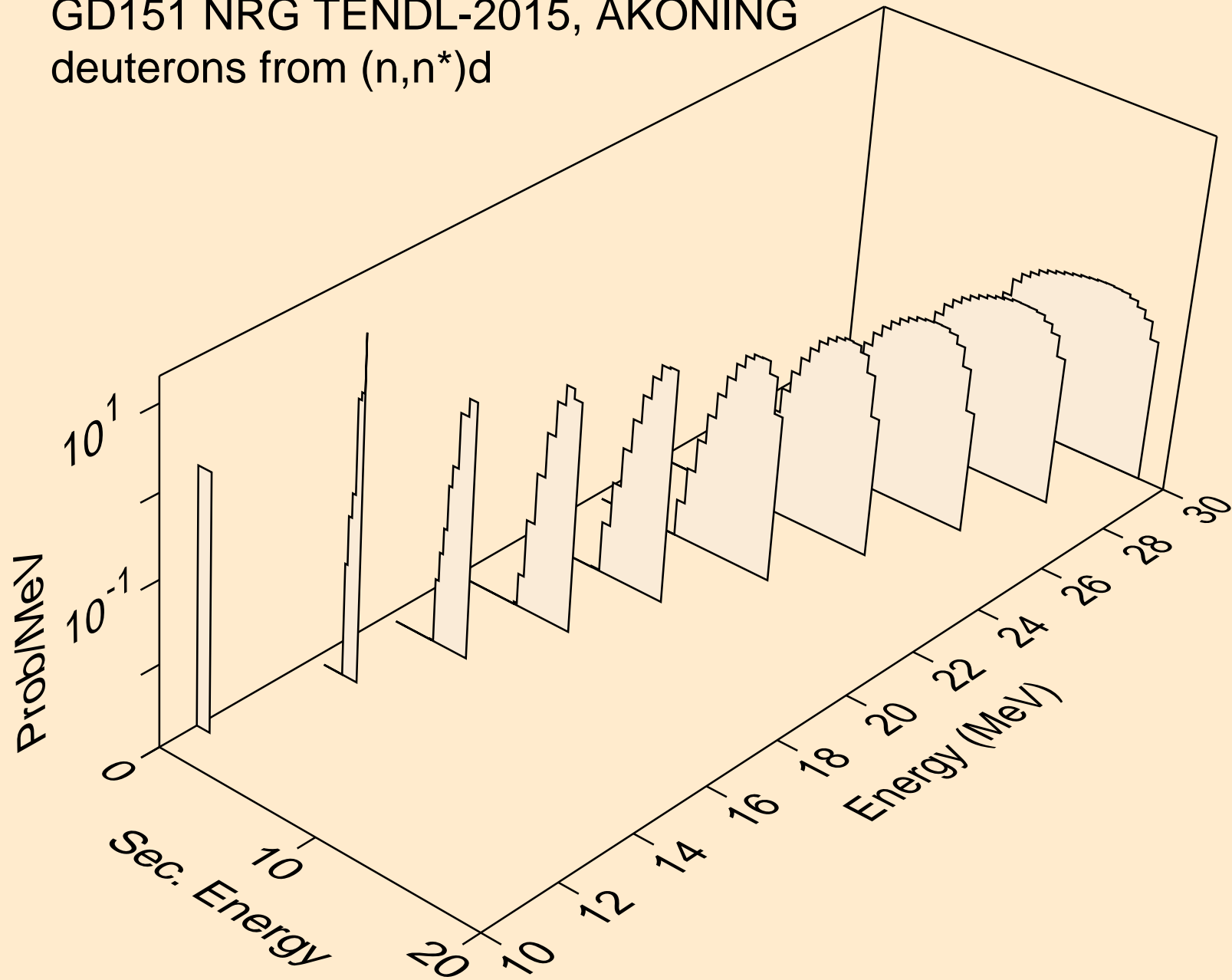
GD151 NRG TENDL-2015, AKONING  
deuterons from (n,x)



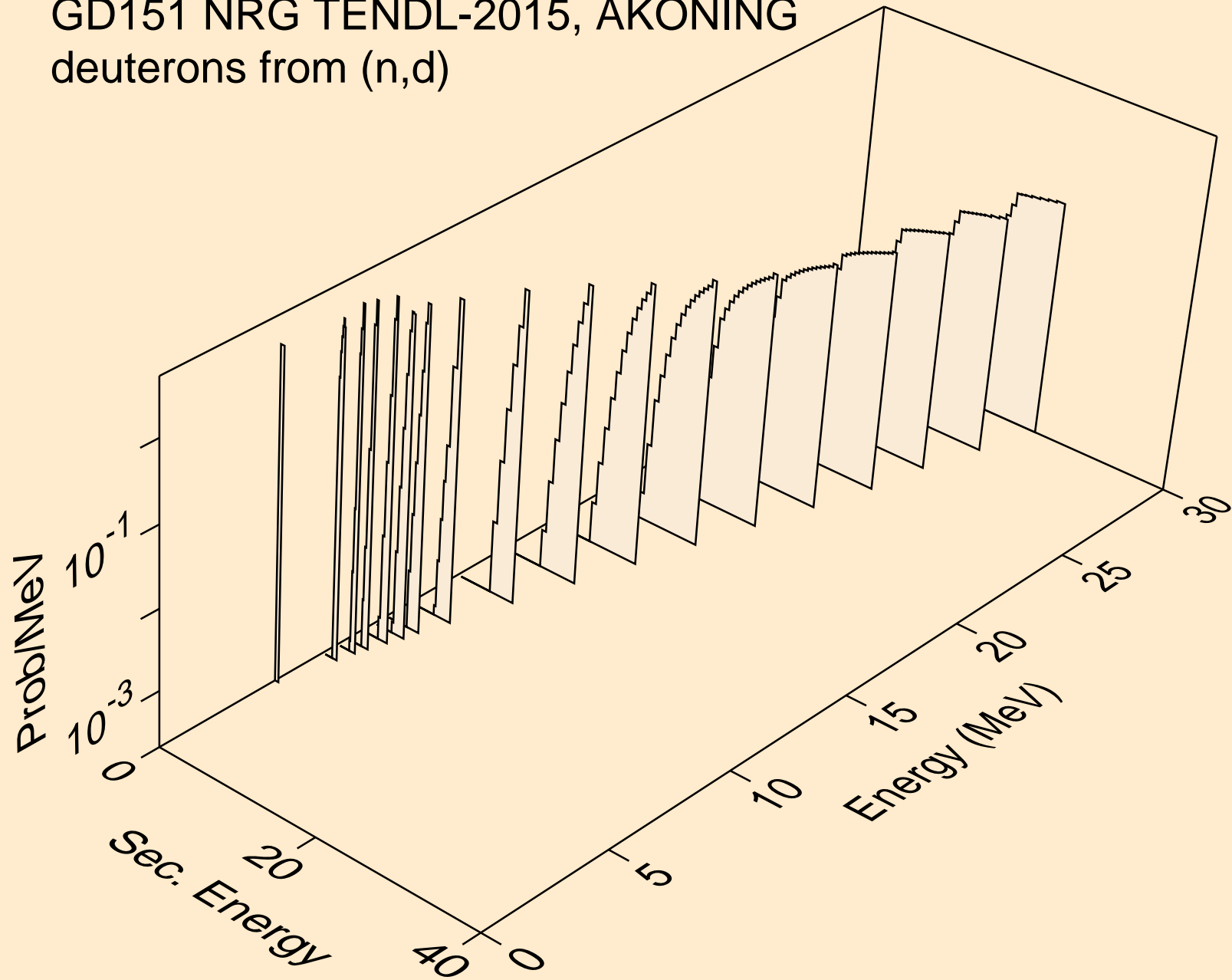
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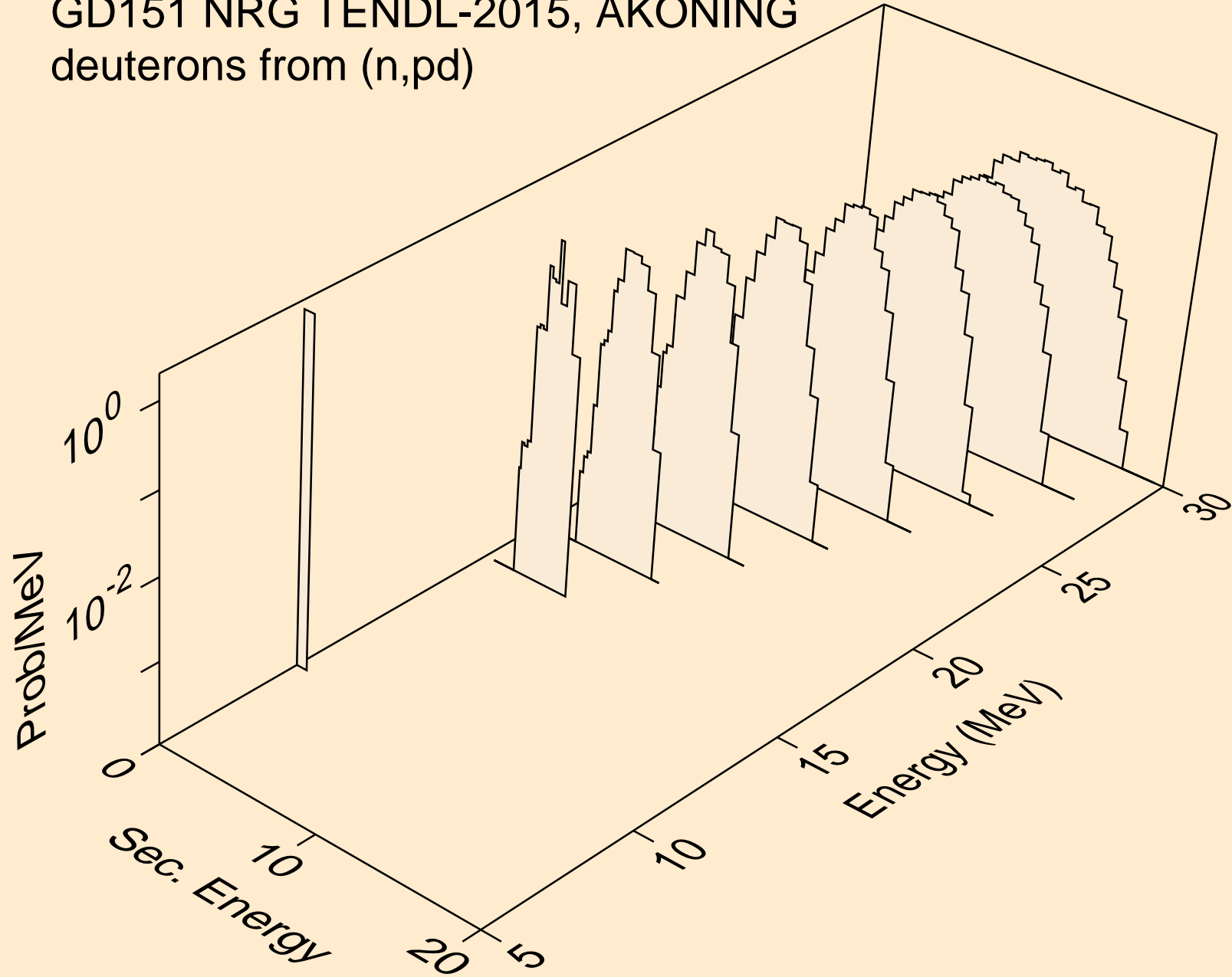
GD151 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



GD151 NRG TENDL-2015, AKONING  
deuterons from (n,d)

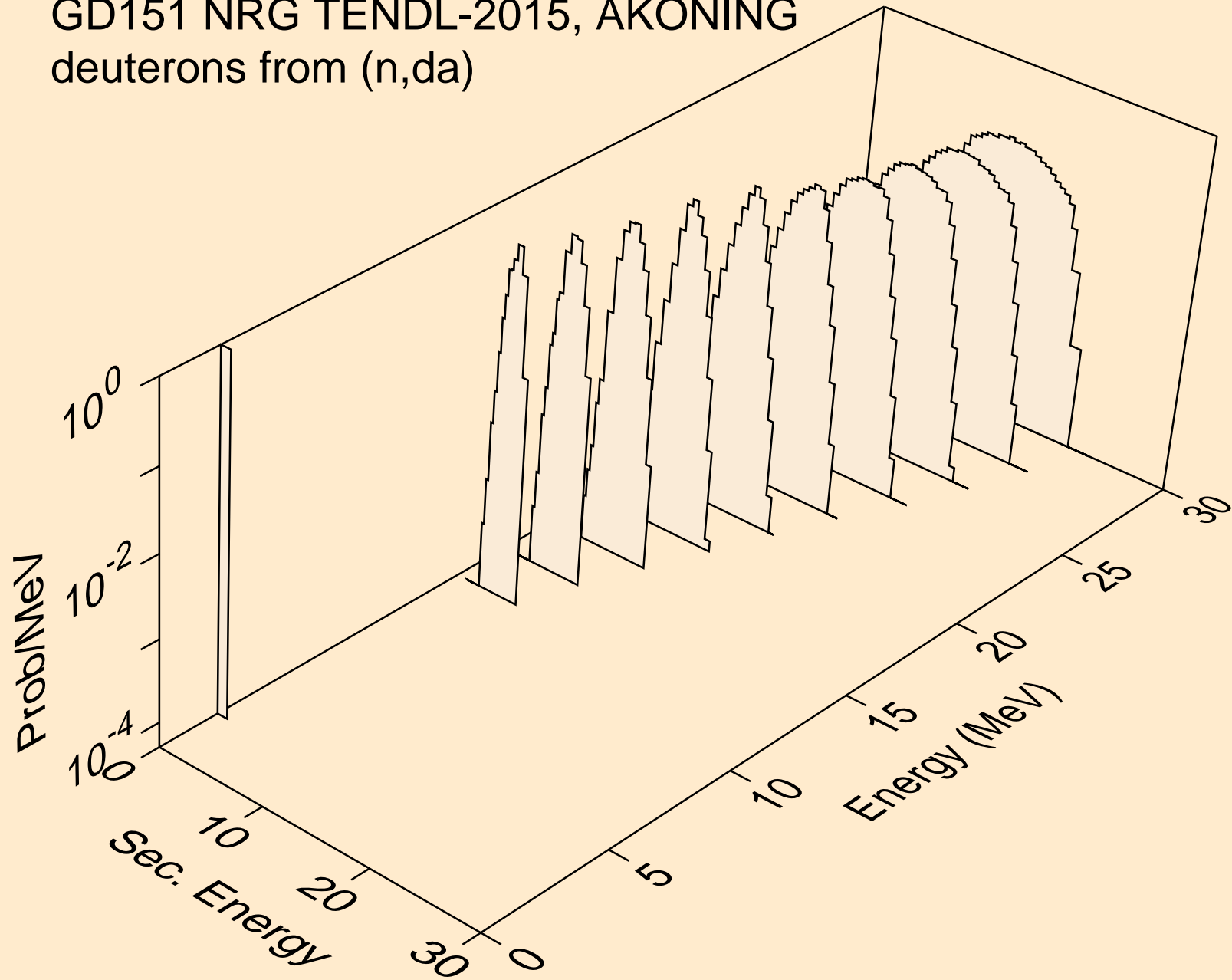


GD151 NRG TENDL-2015, AKONING  
deuterons from (n,pd)

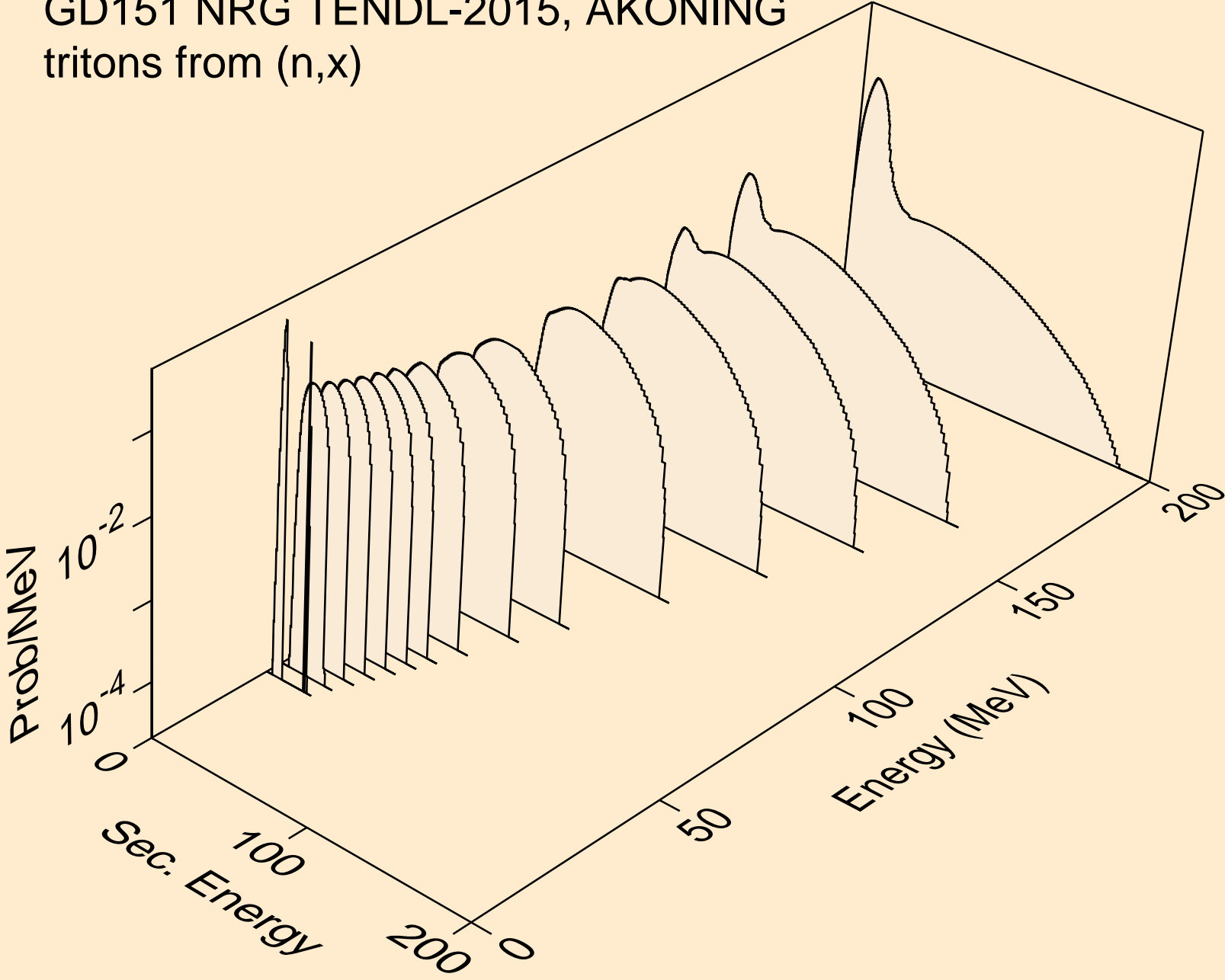




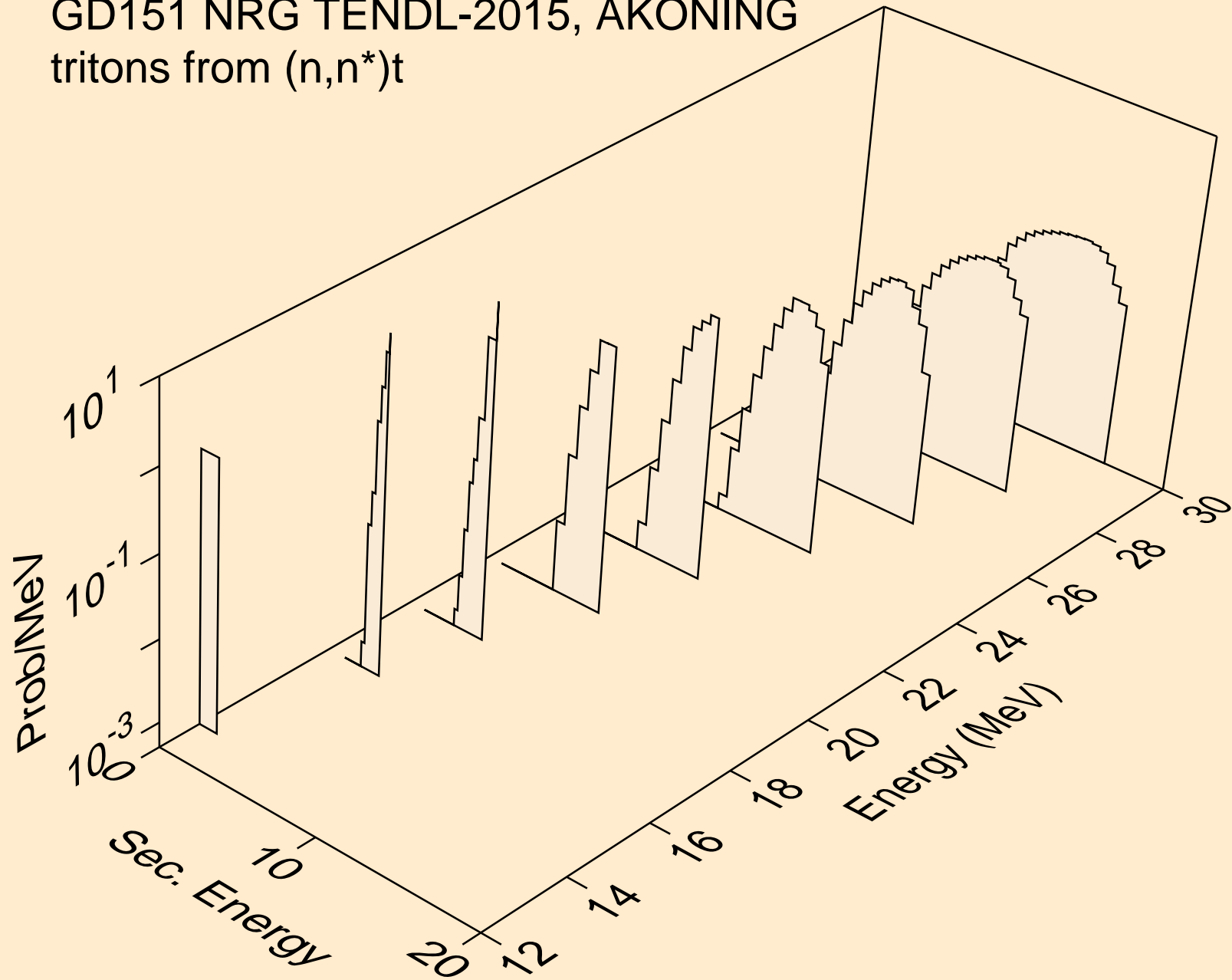
GD151 NRG TENDL-2015, AKONING  
deuterons from (n,da)



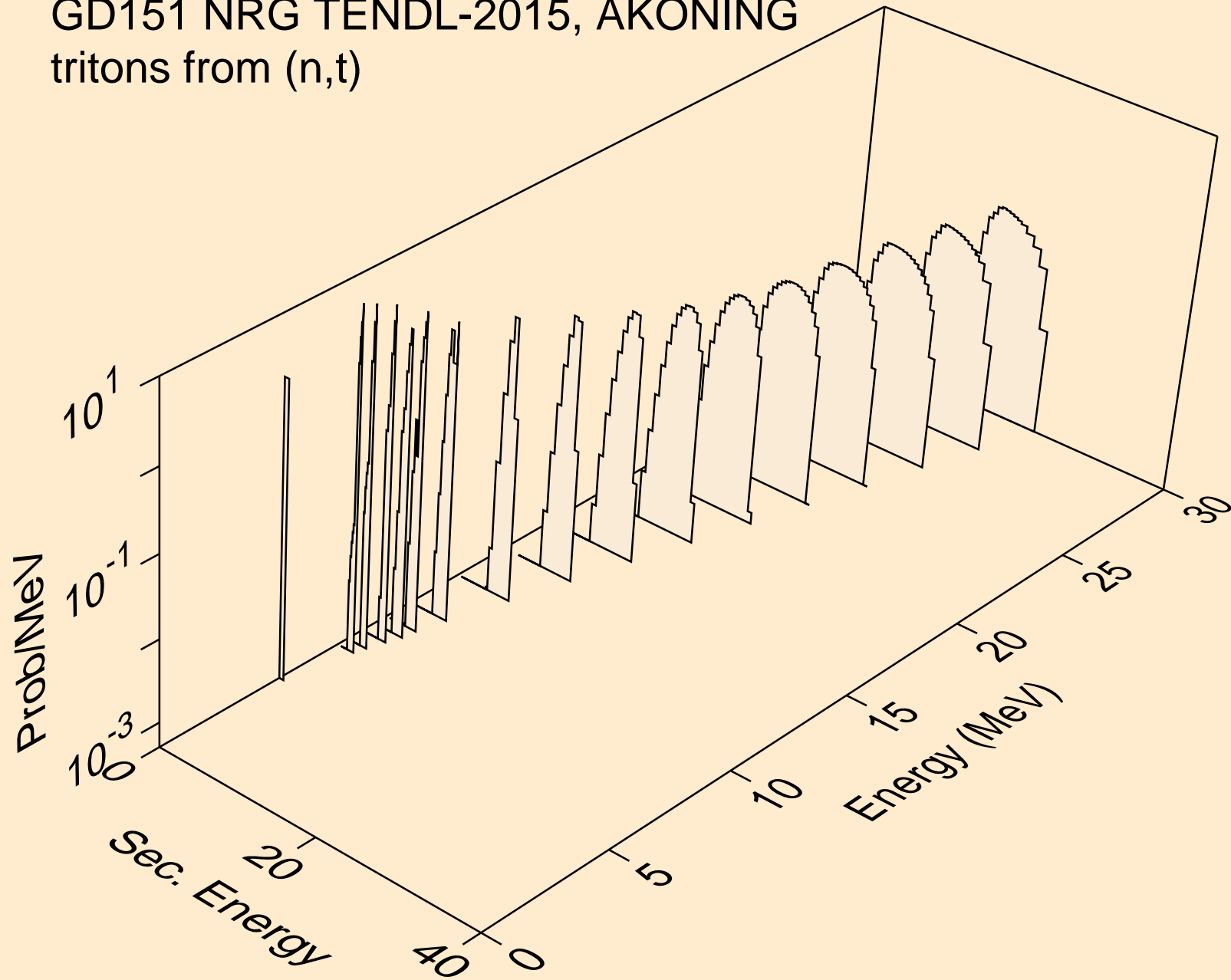
GD151 NRG TENDL-2015, AKONING  
tritons from (n,x)



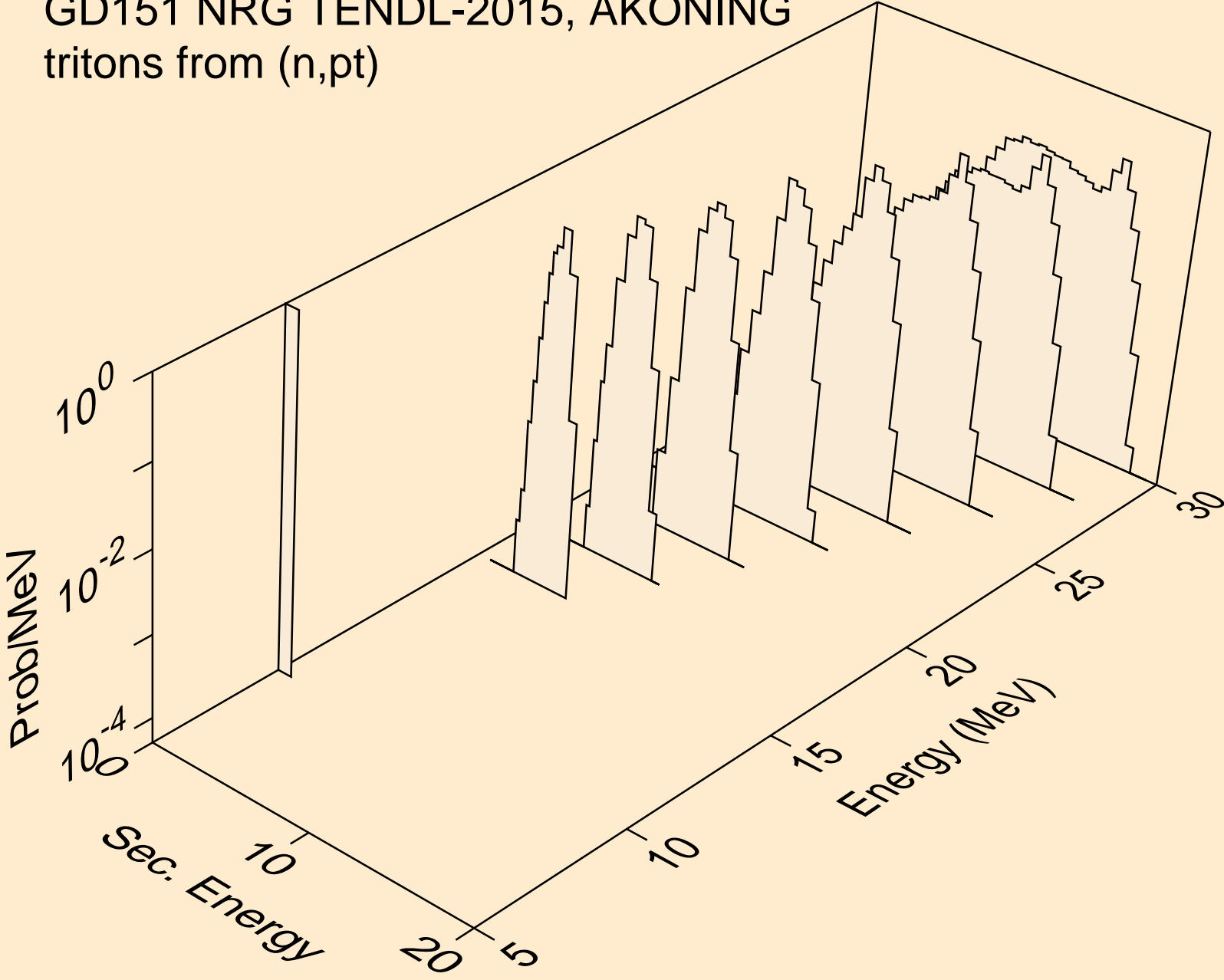
GD151 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



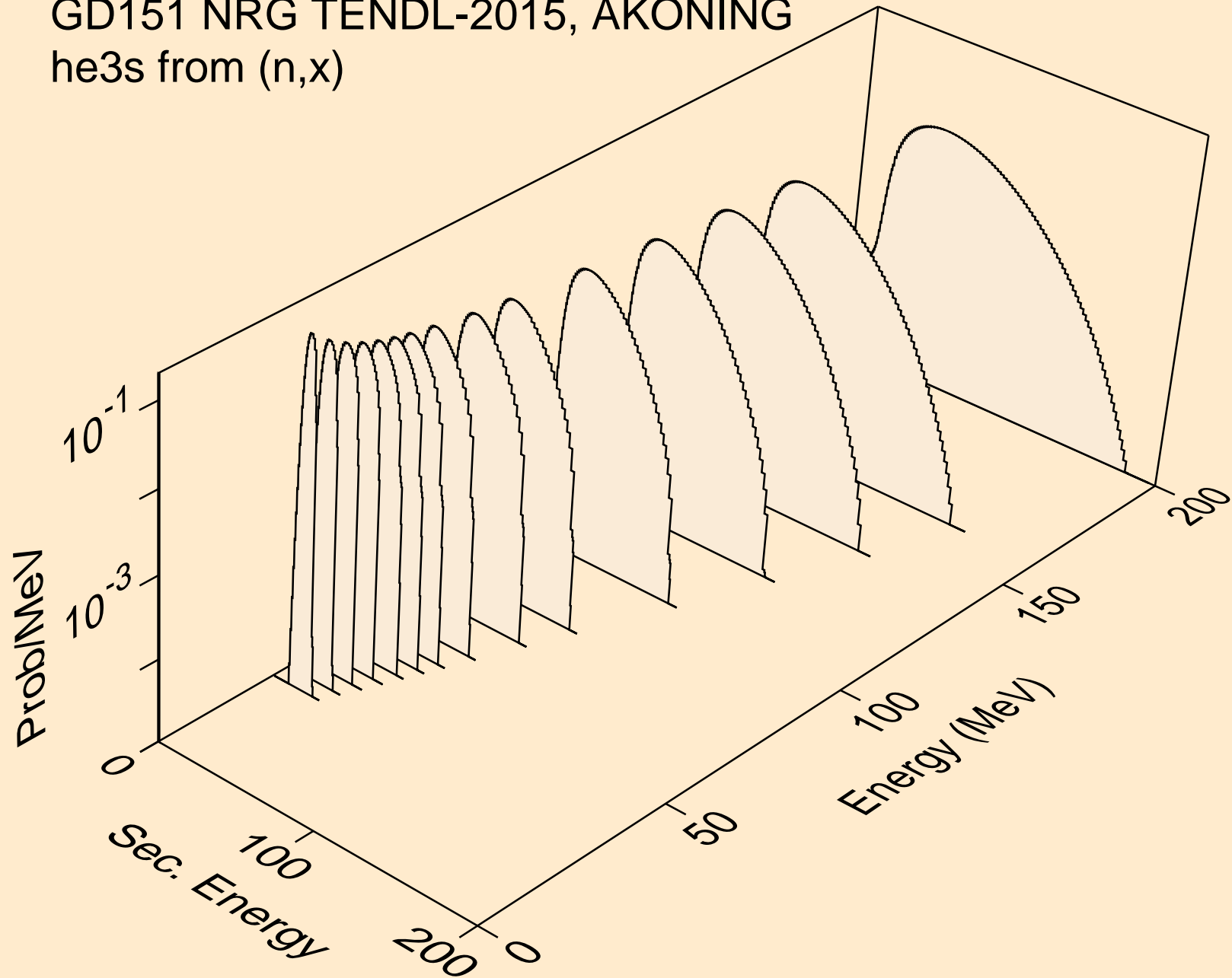
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tritons from (n,t)



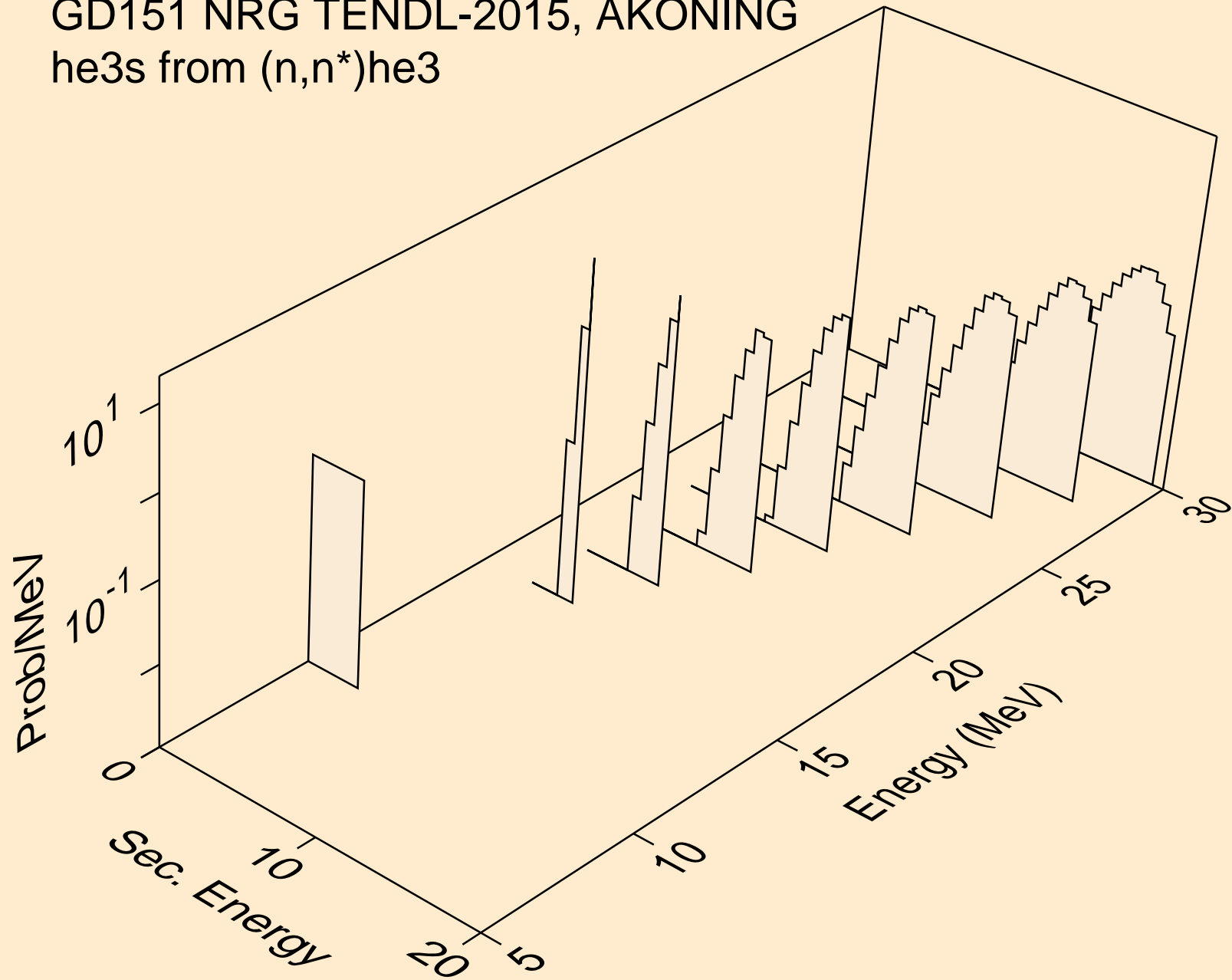
GD151 NRG TENDL-2015, AKONING  
tritons from (n,pt)



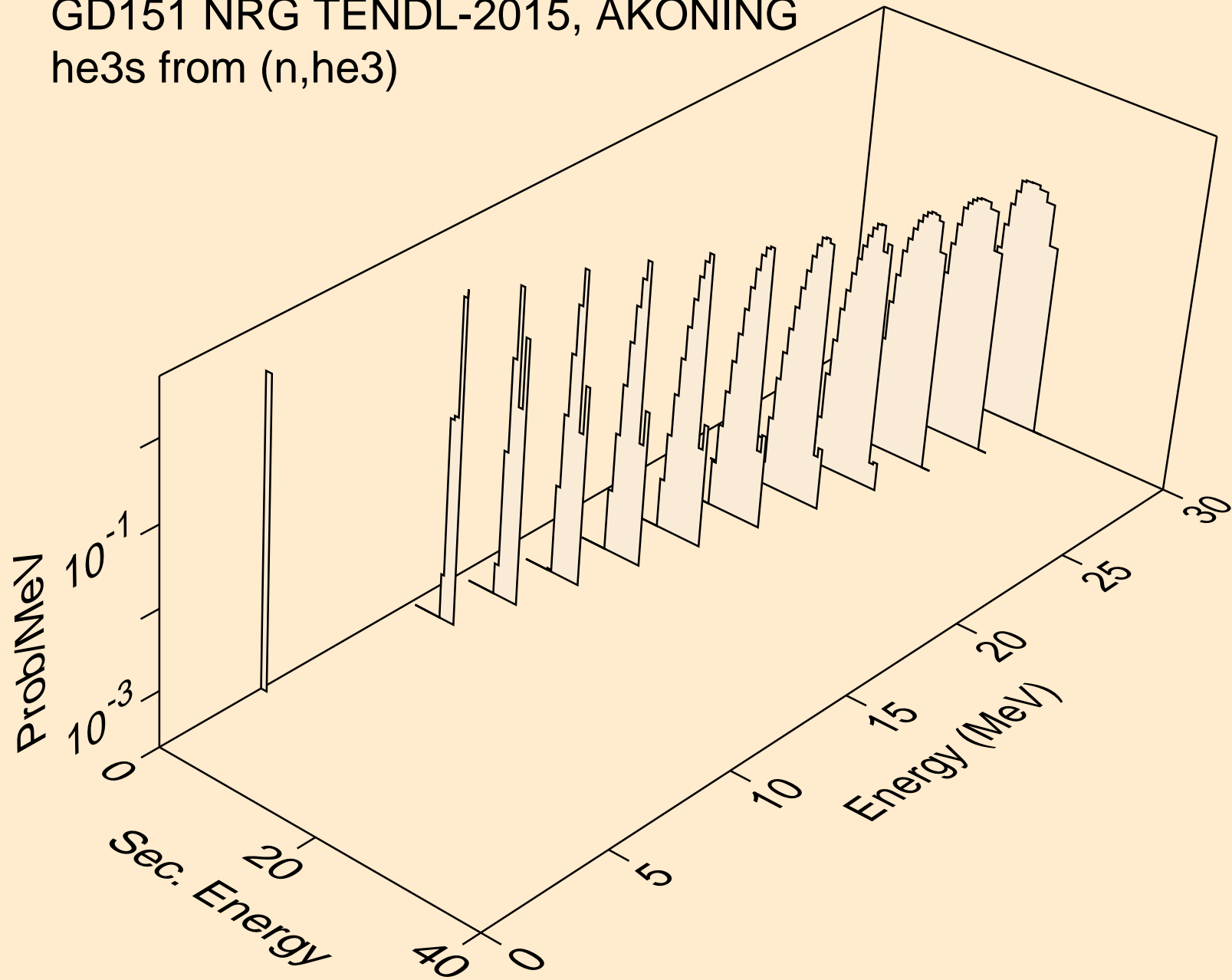
GD151 NRG TENDL-2015, AKONING  
he3s from (n,x)



GD151 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3

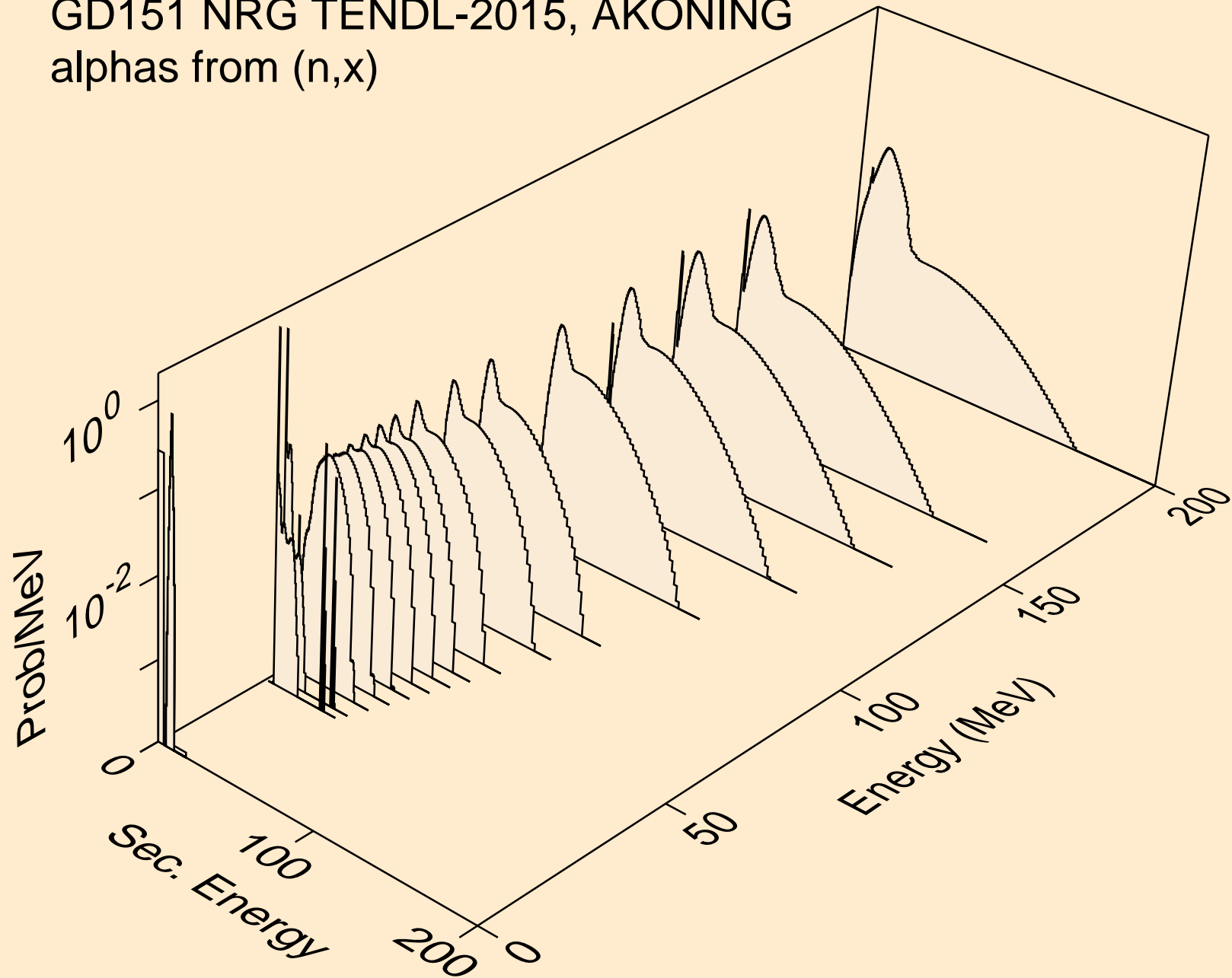


GD151 NRG TENDL-2015, AKONING  
he3s from (n,he3)

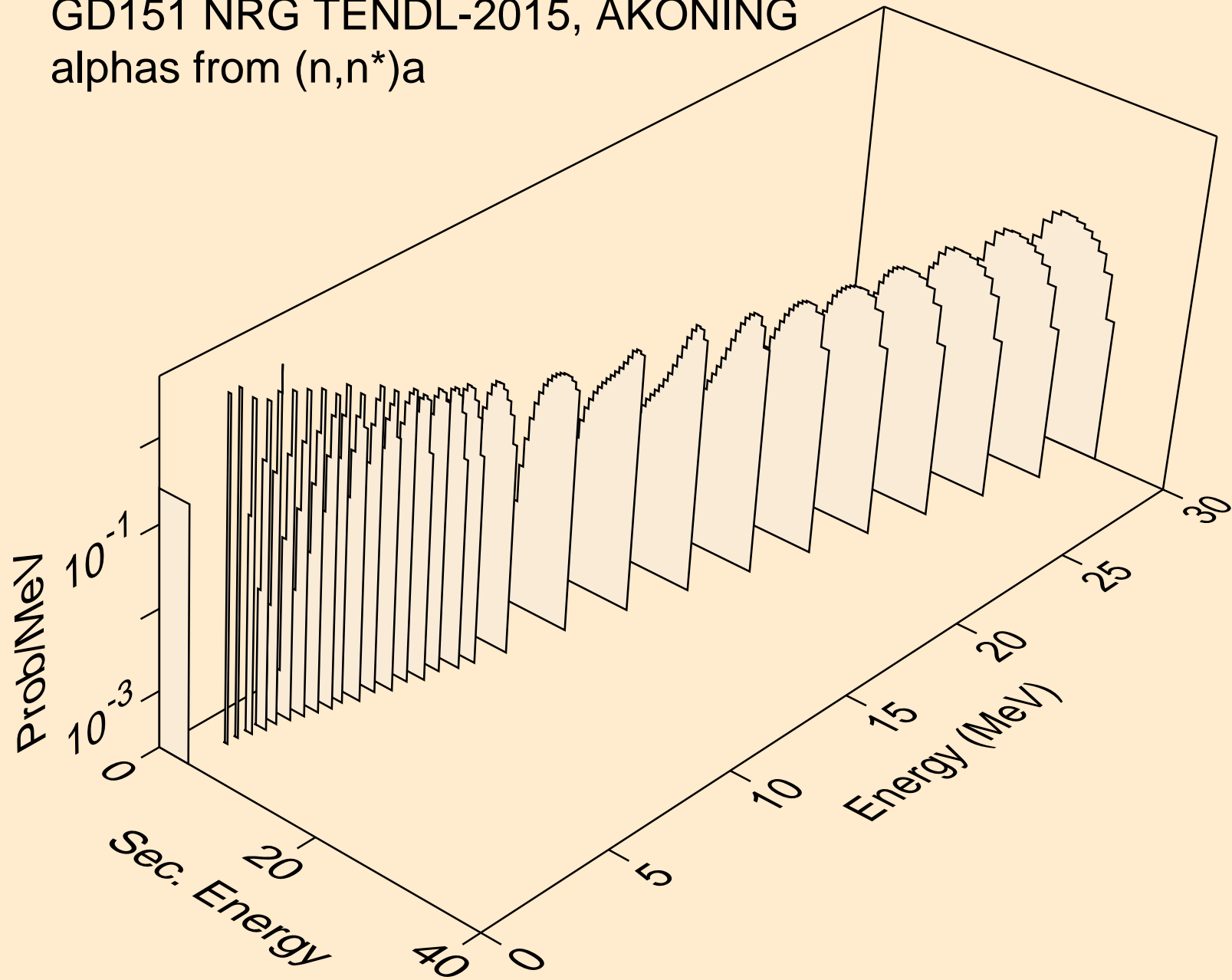




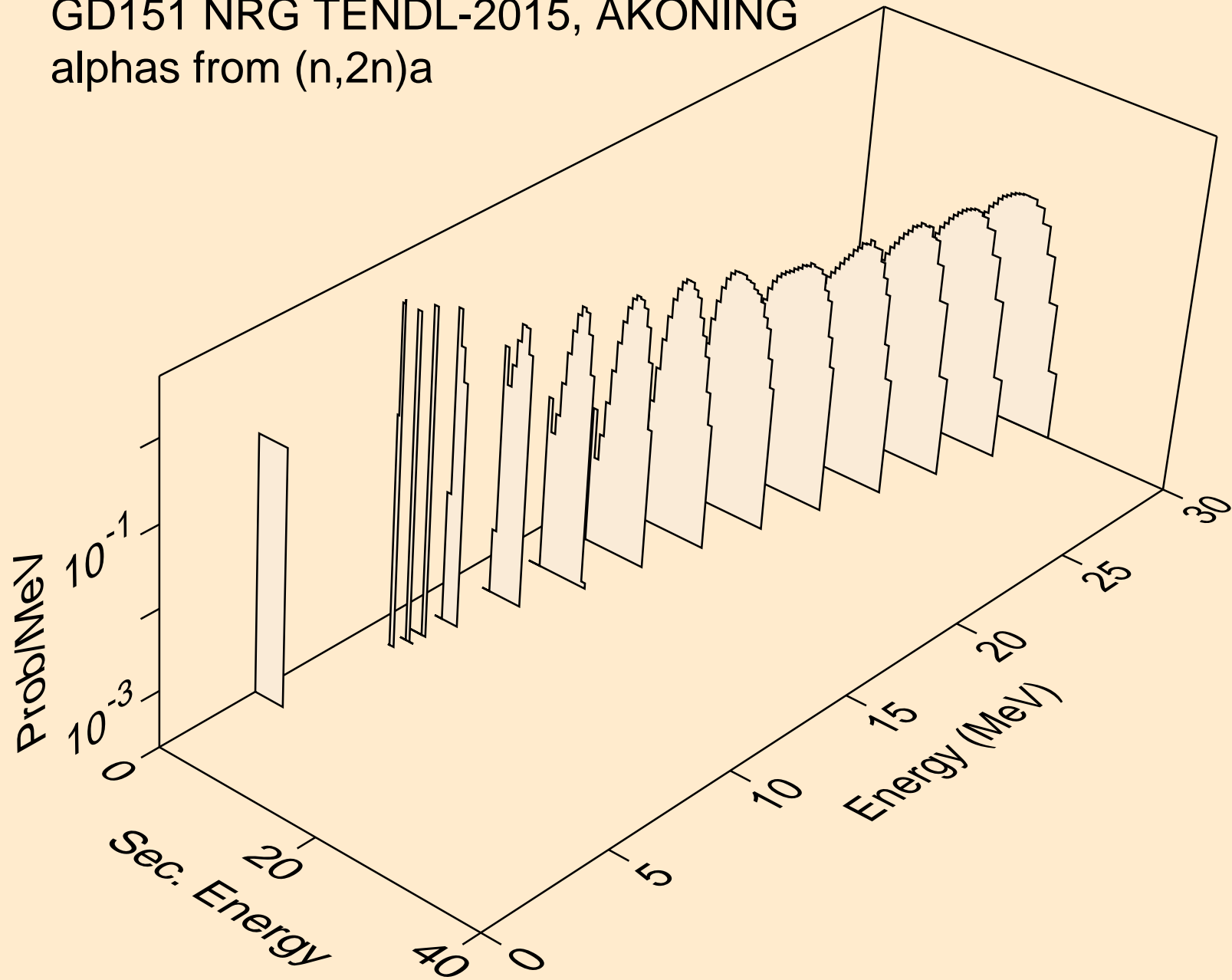
GD151 NRG TENDL-2015, AKONING  
alphas from (n,x)



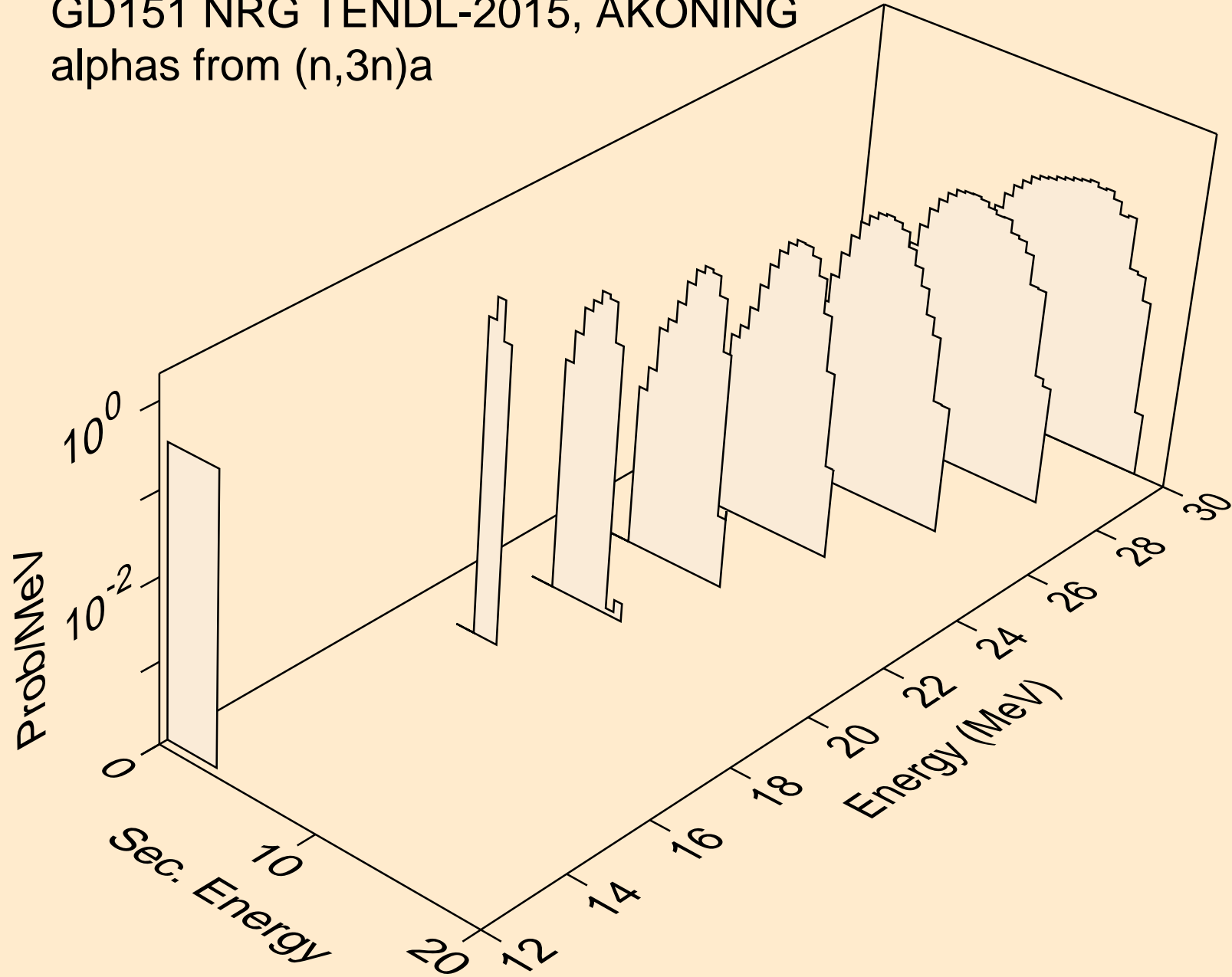
GD151 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



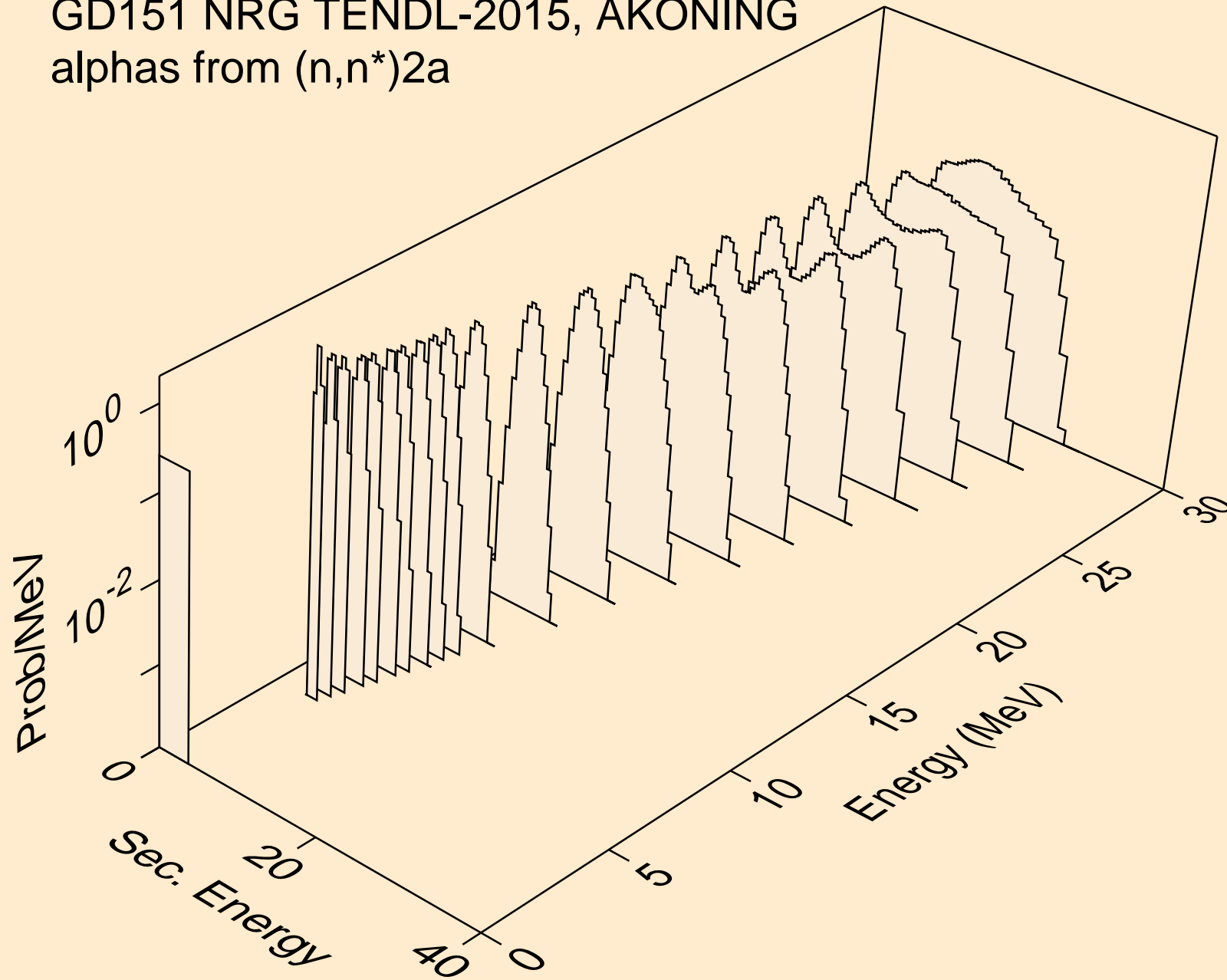
GD151 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



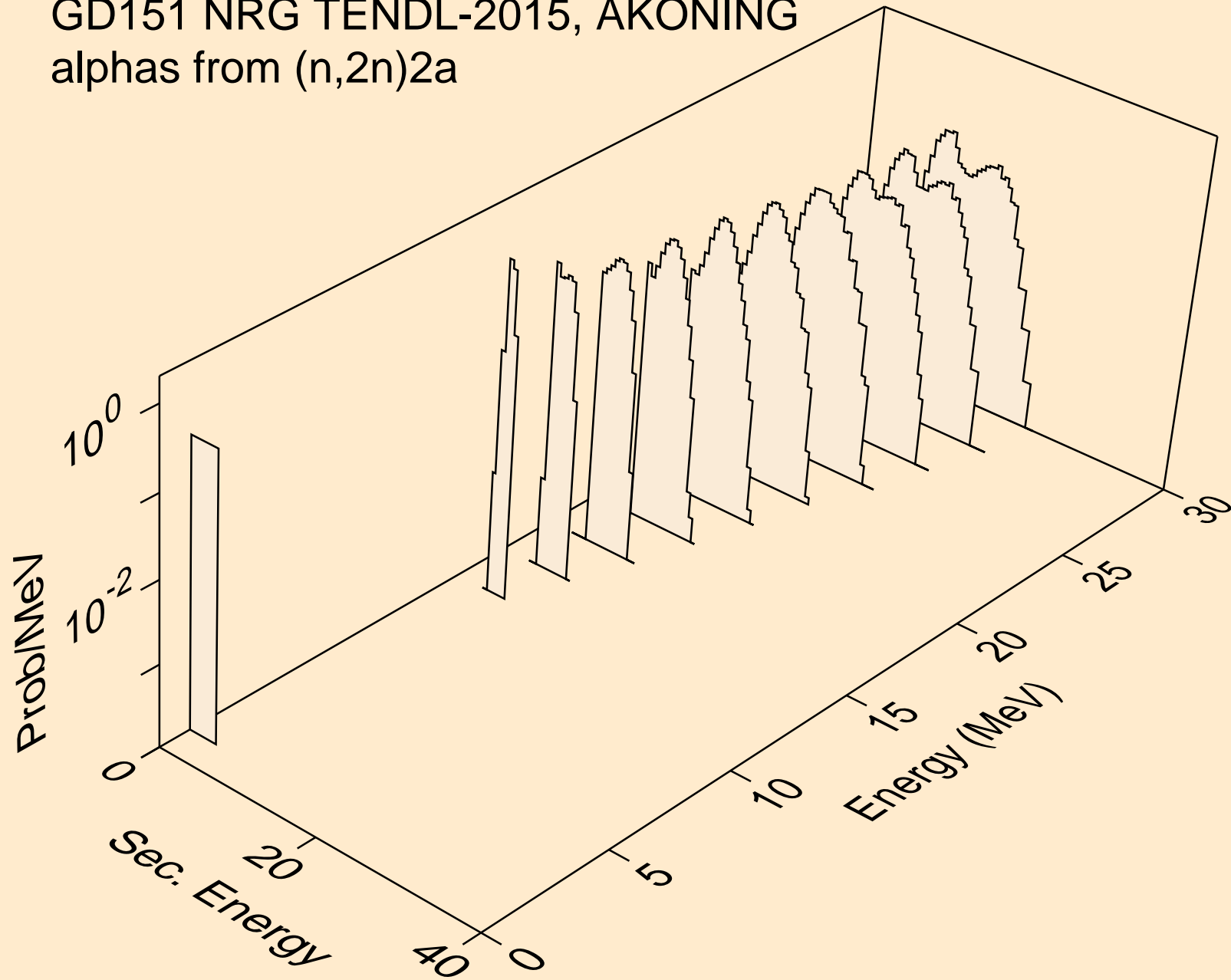
GD151 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



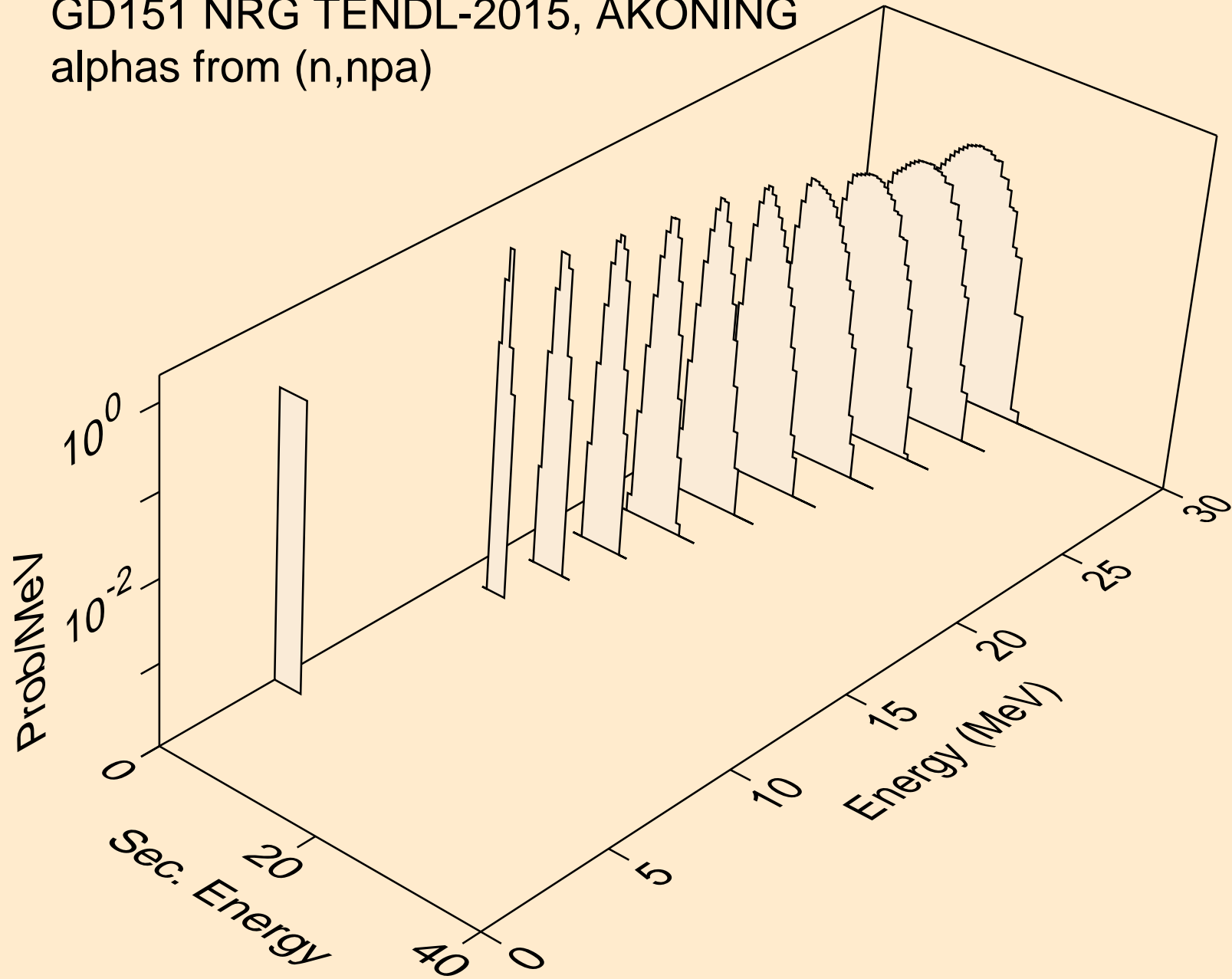
GD151 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



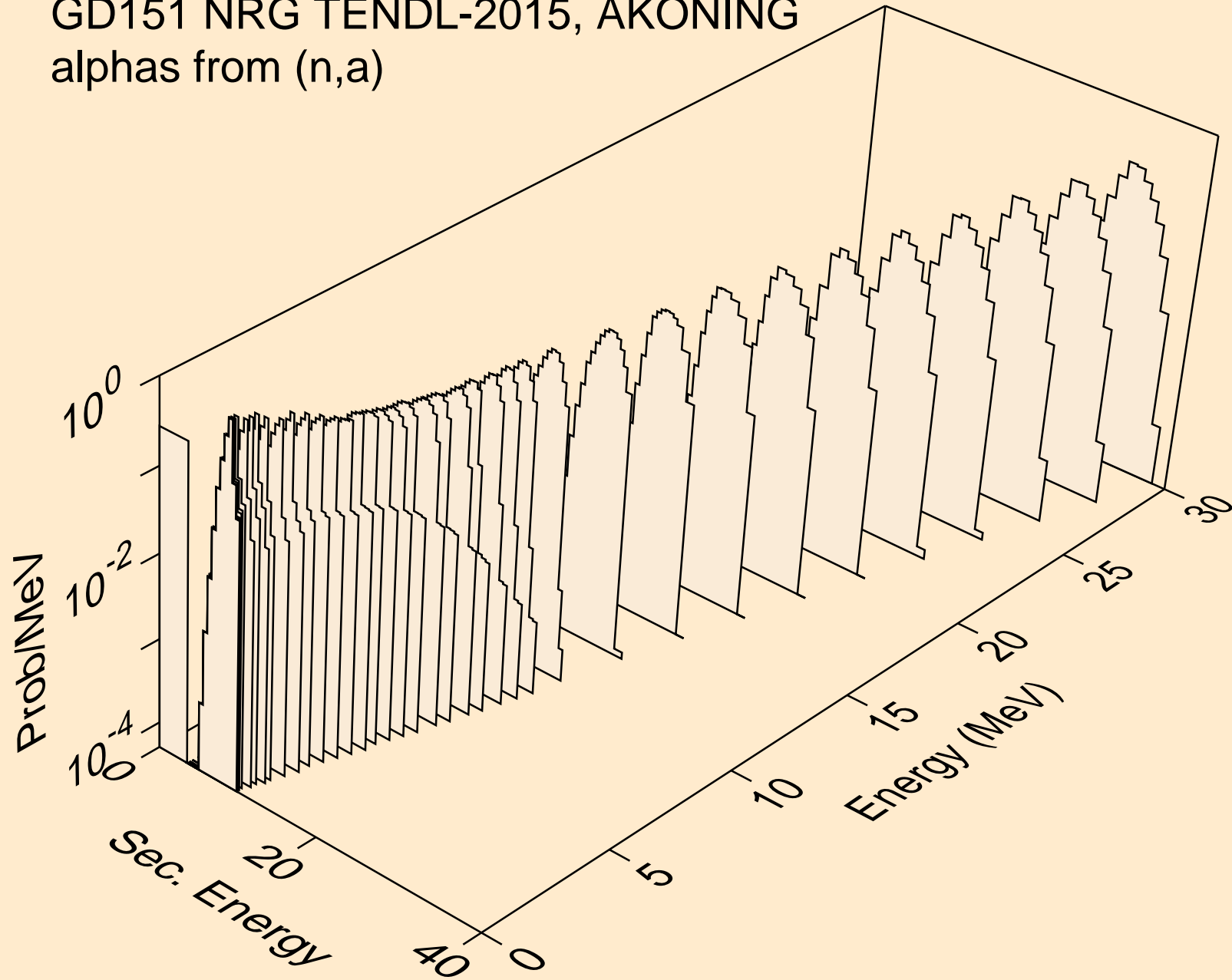
GD151 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



GD151 NRG TENDL-2015, AKONING  
alphas from (n,npa)

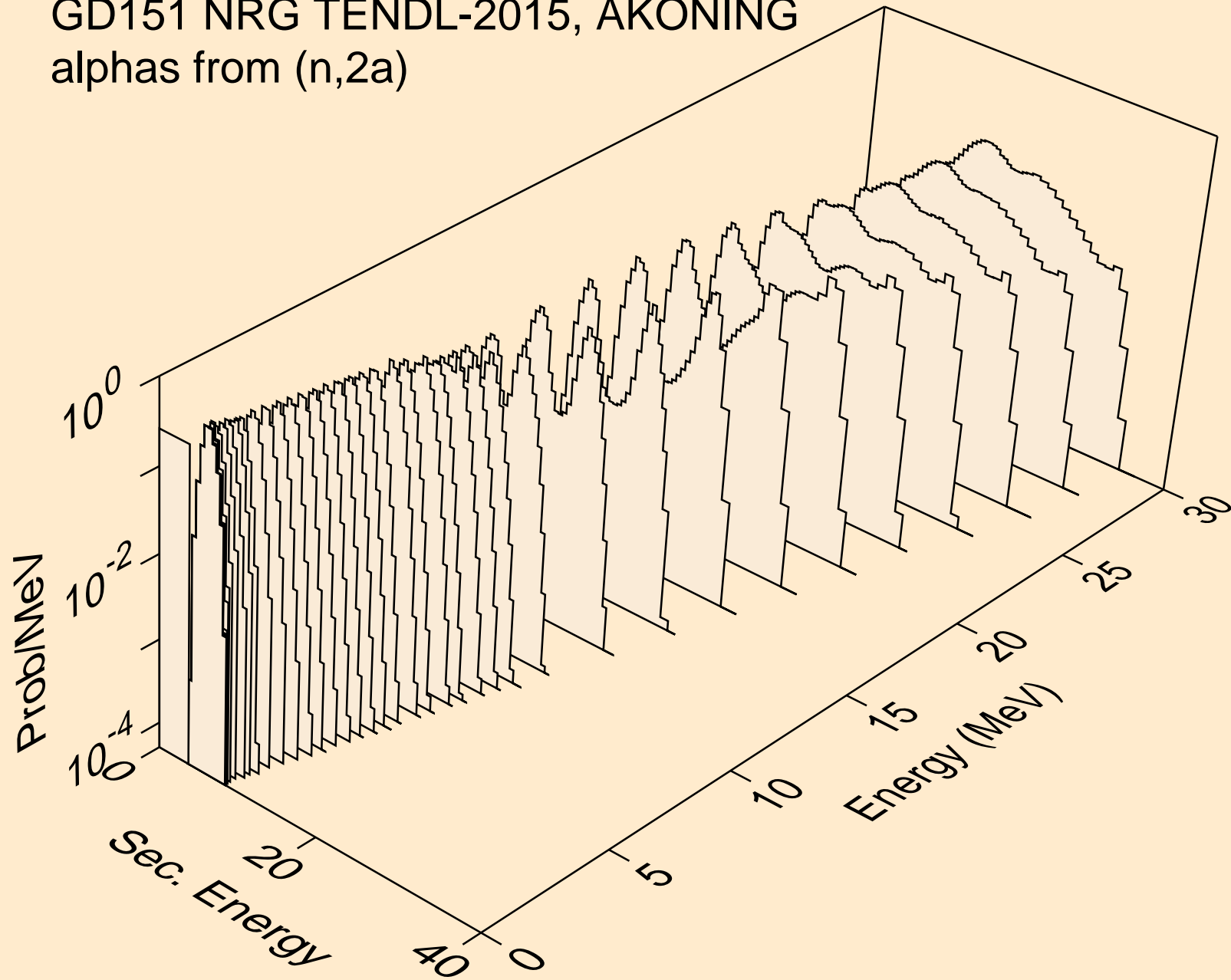


GD151 NRG TENDL-2015, AKONING  
alphas from (n,a)

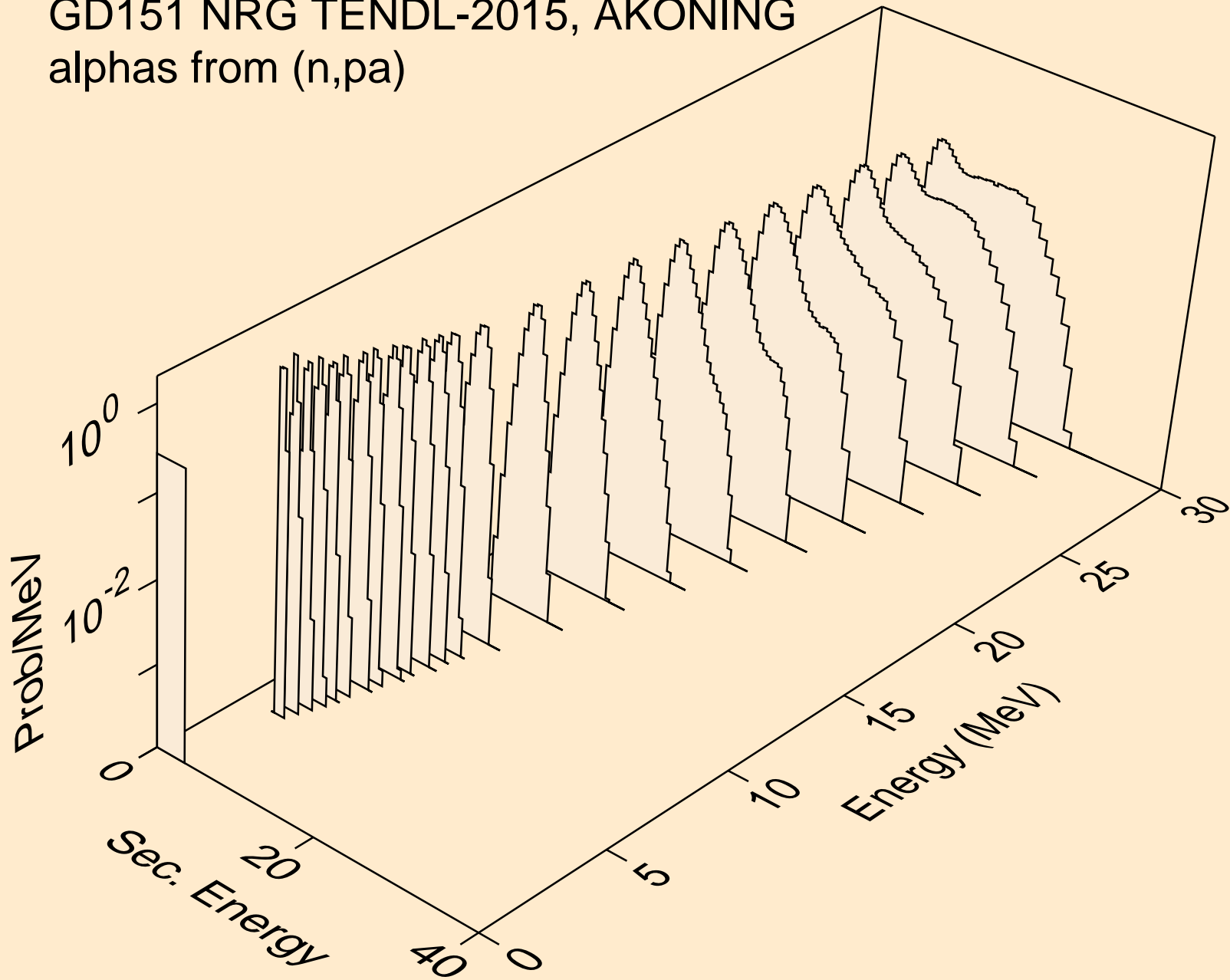




GD151 NRG TENDL-2015, AKONING  
alphas from (n,2a)



GD151 NRG TENDL-2015, AKONING  
alphas from (n,pa)



GD151 NRG TENDL-2015, AKONING  
alphas from (n,da)

