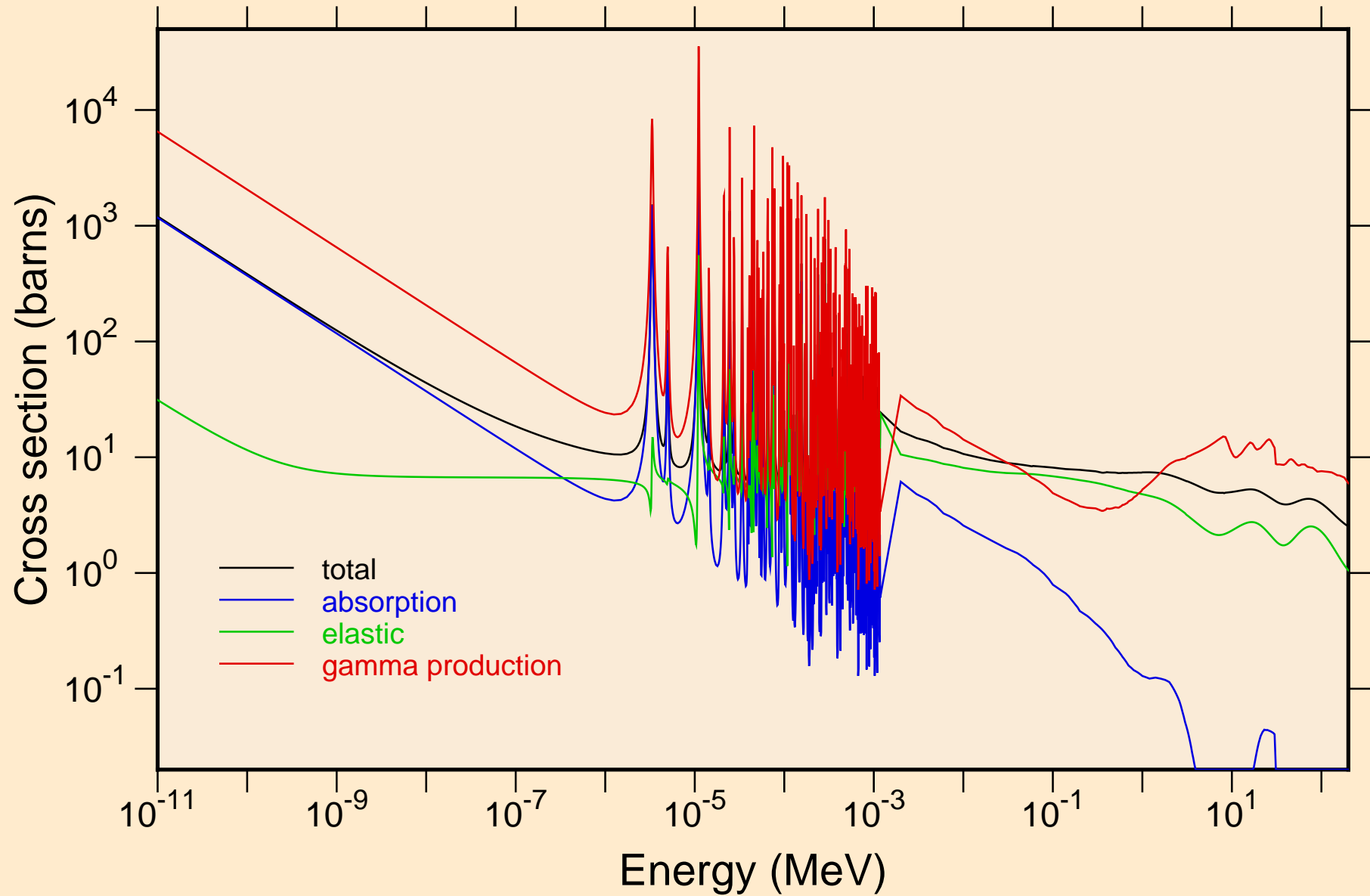
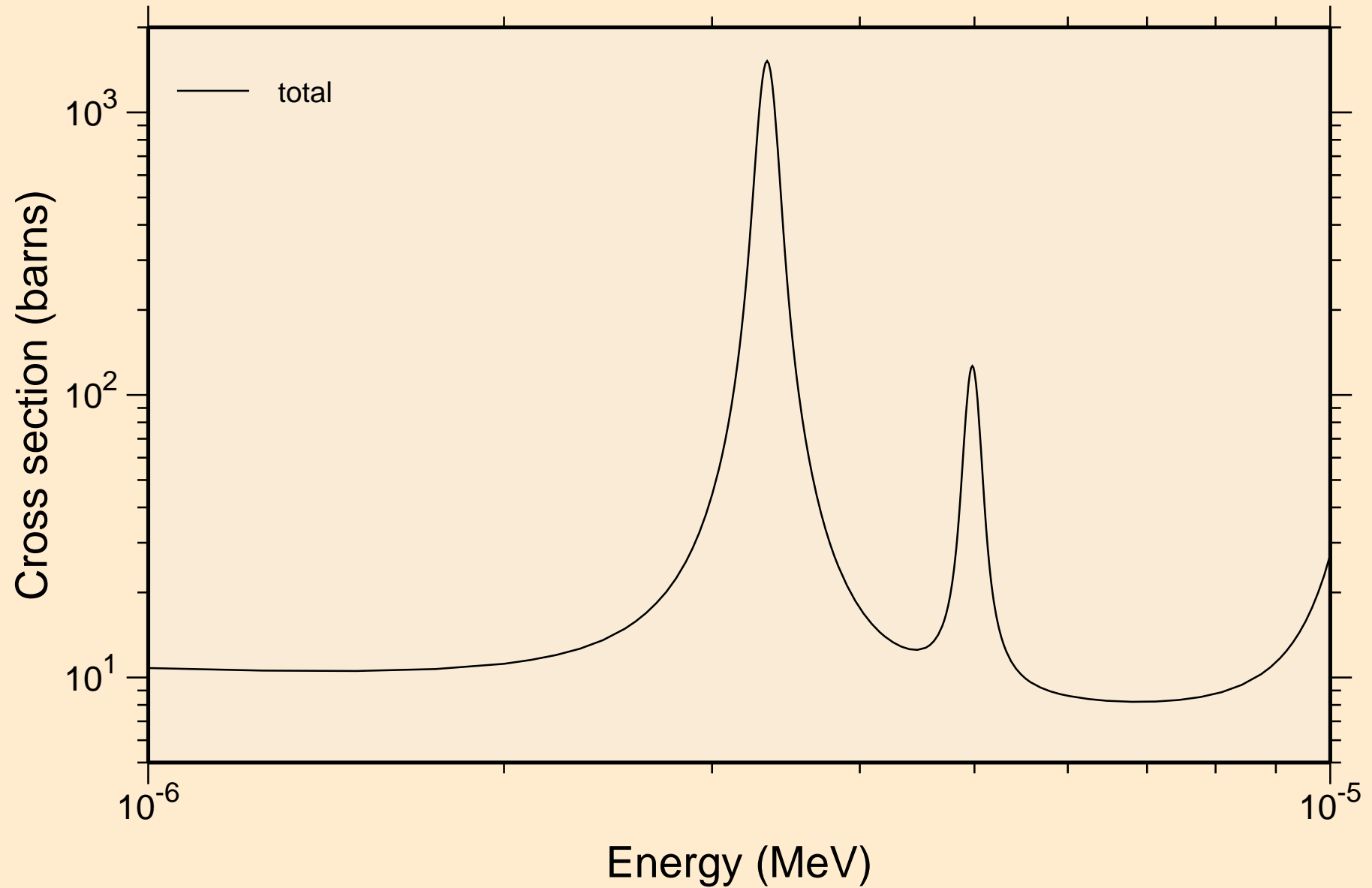


# TB159 NRG TENDL-2015, AKONING

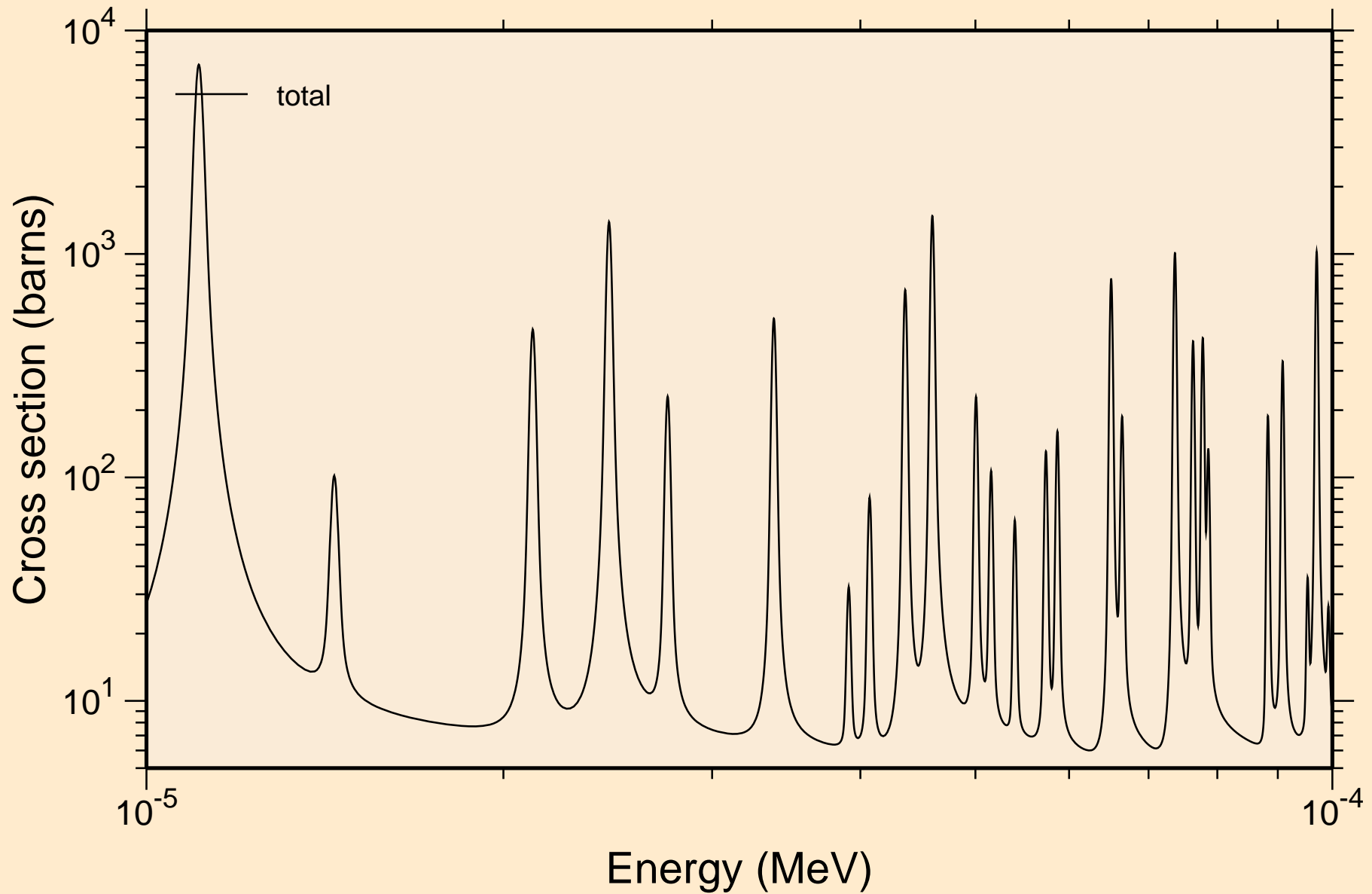
## Principal cross sections



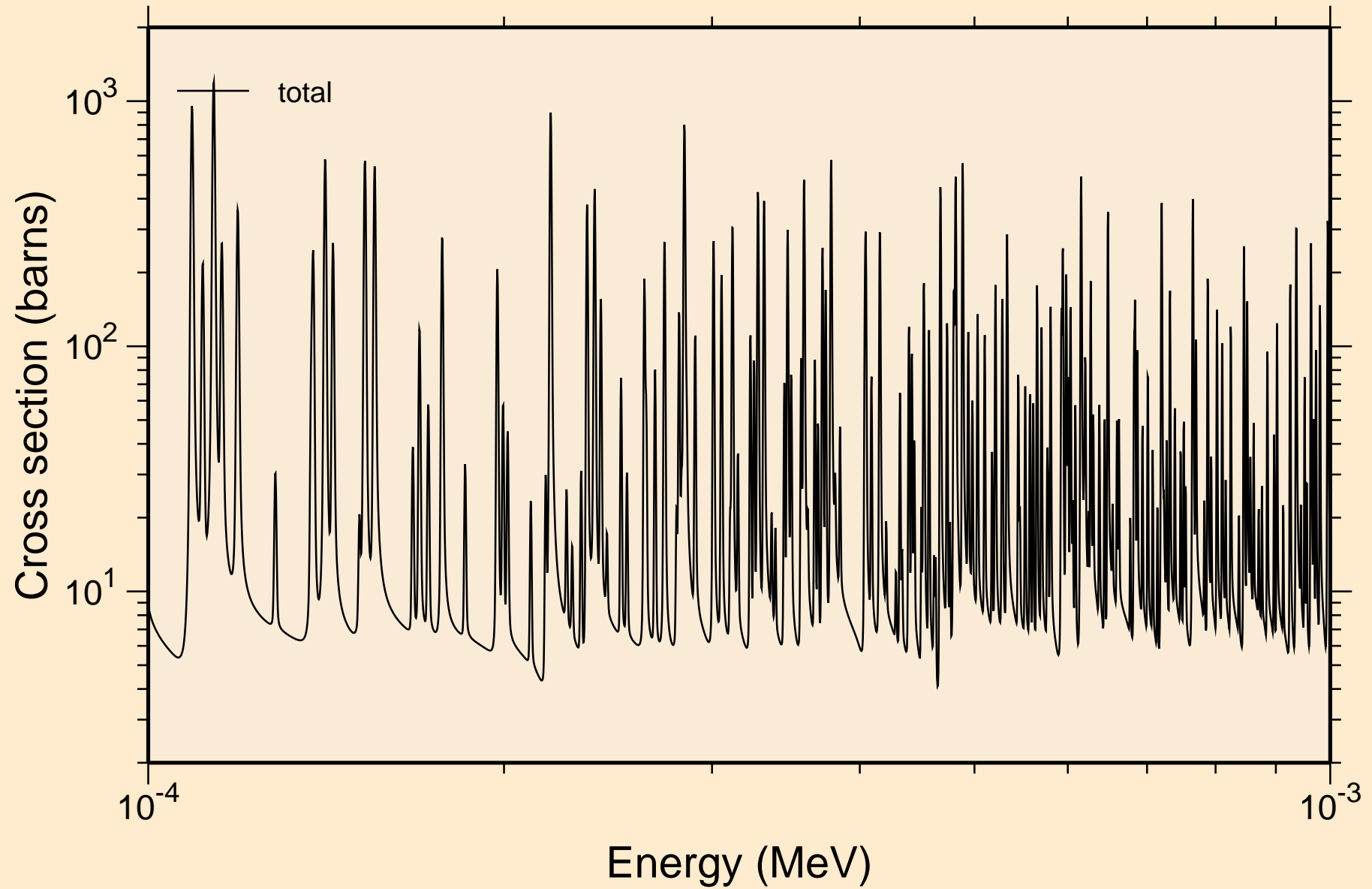
TB159 NRG TENDL-2015, AKONING  
resonance total cross section



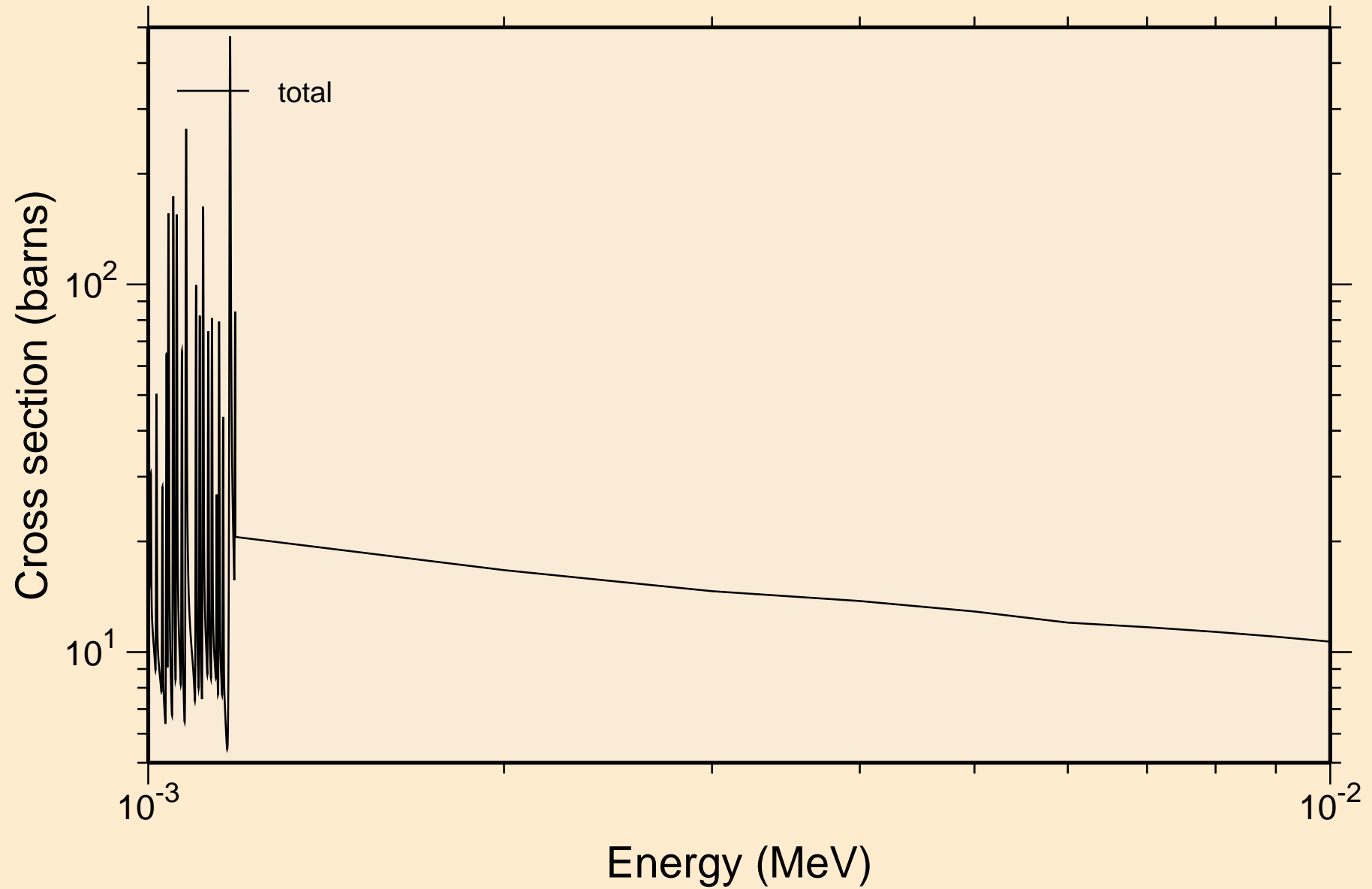
TB159 NRG TENDL-2015, AKONING  
resonance total cross section



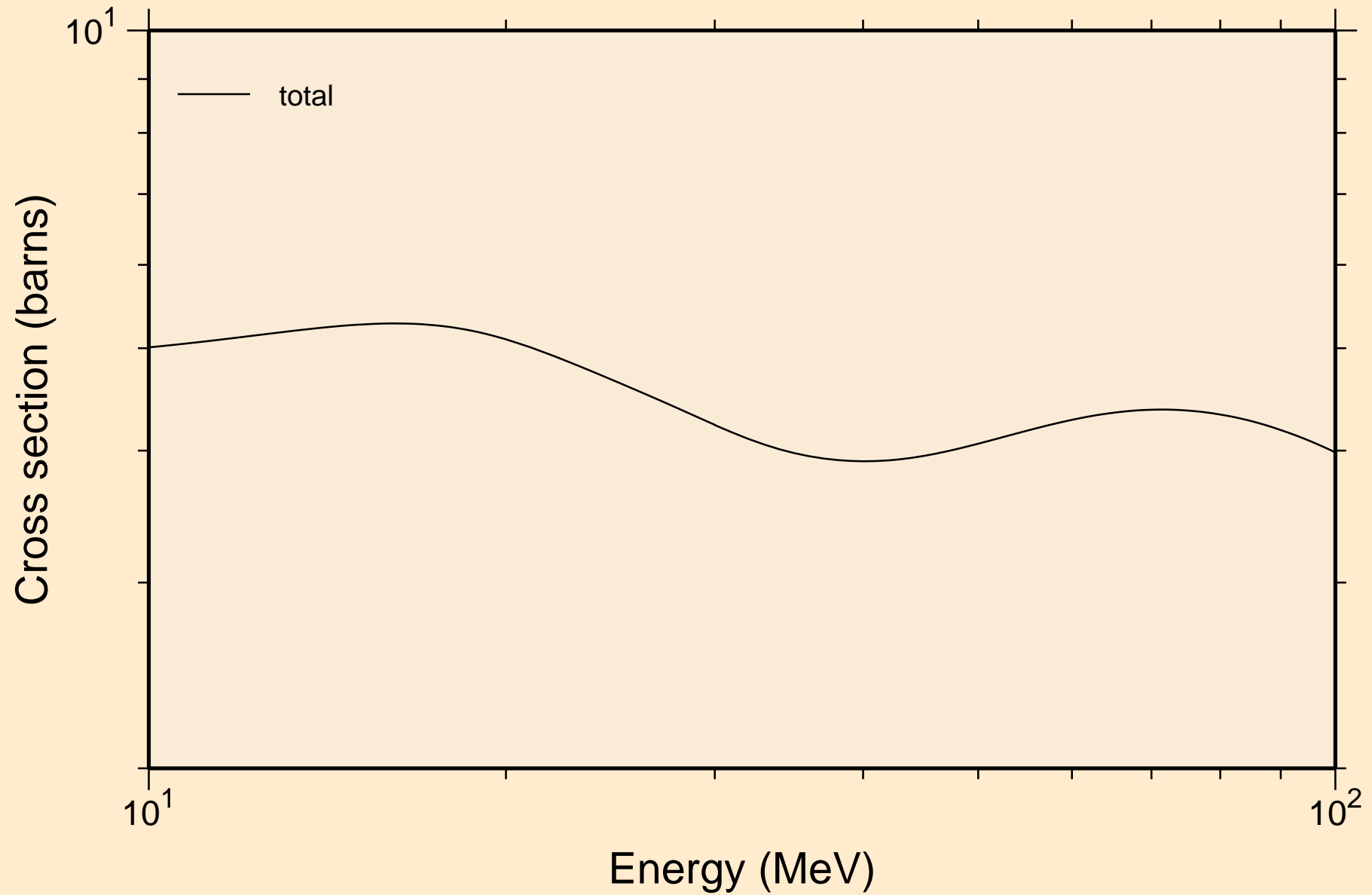
TB159 NRG TENDL-2015, AKONING  
resonance total cross section



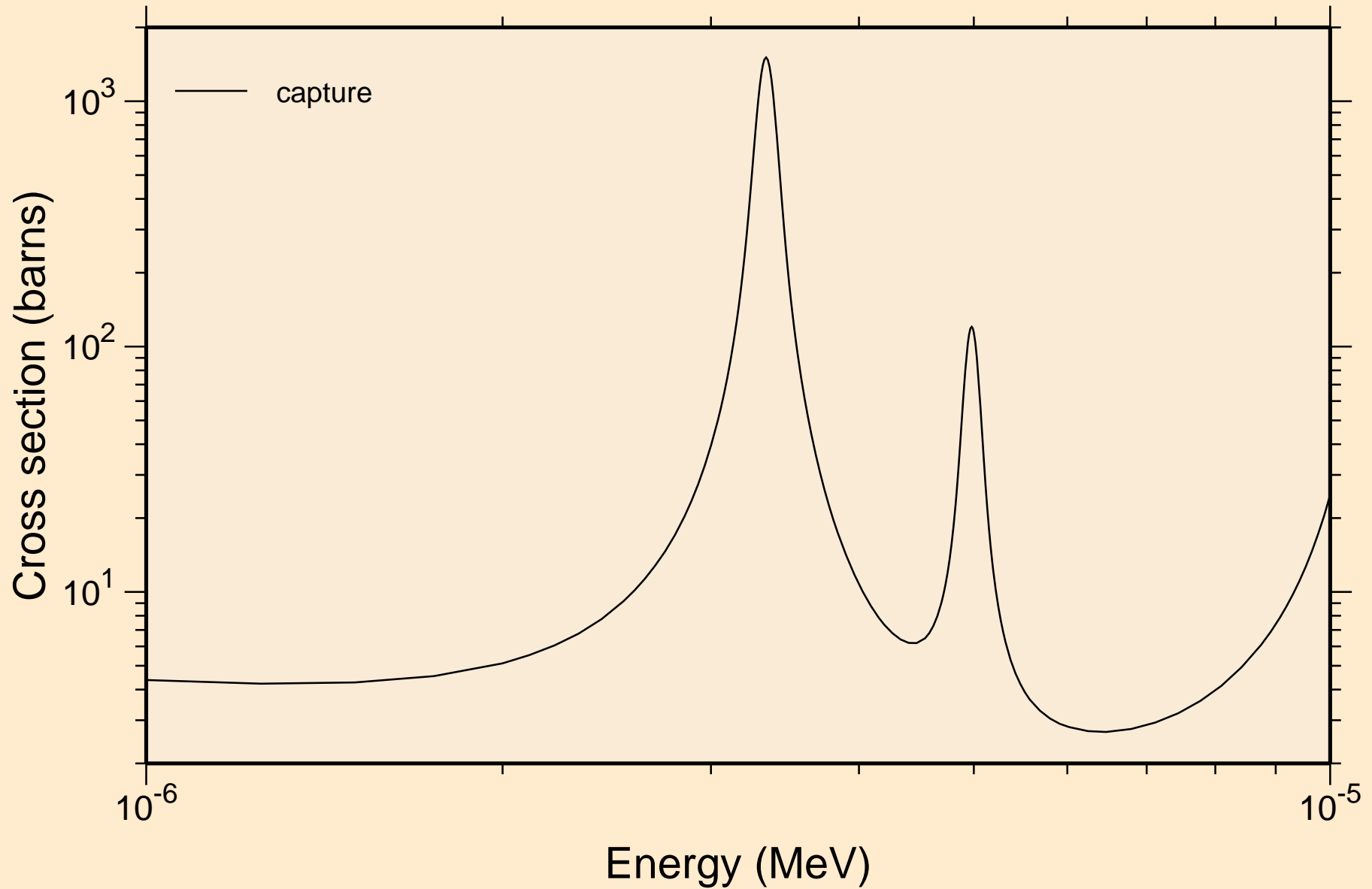
TB159 NRG TENDL-2015, AKONING  
resonance total cross section



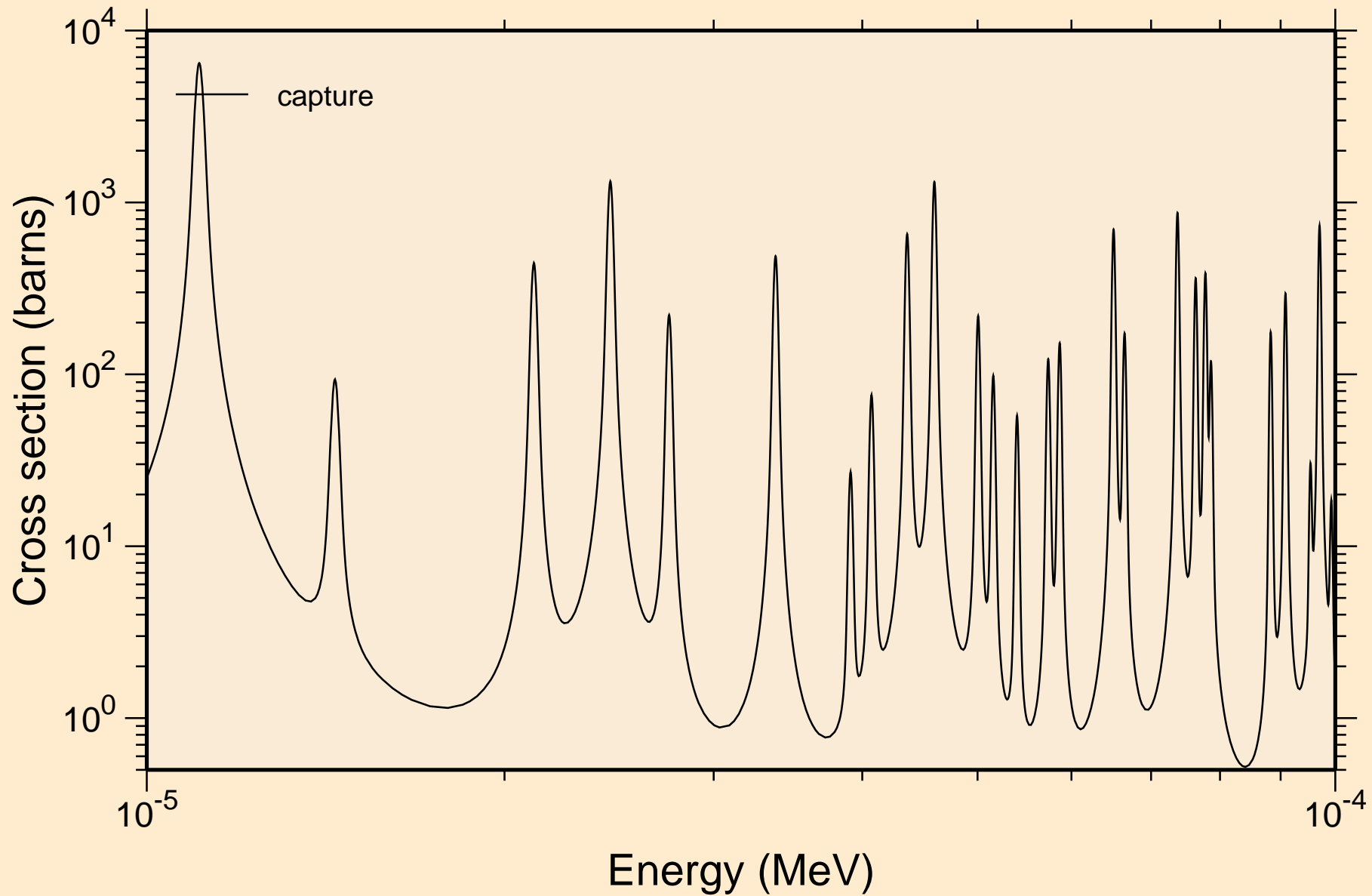
TB159 NRG TENDL-2015, AKONING  
resonance total cross section



TB159 NRG TENDL-2015, AKONING  
resonance absorption cross sections

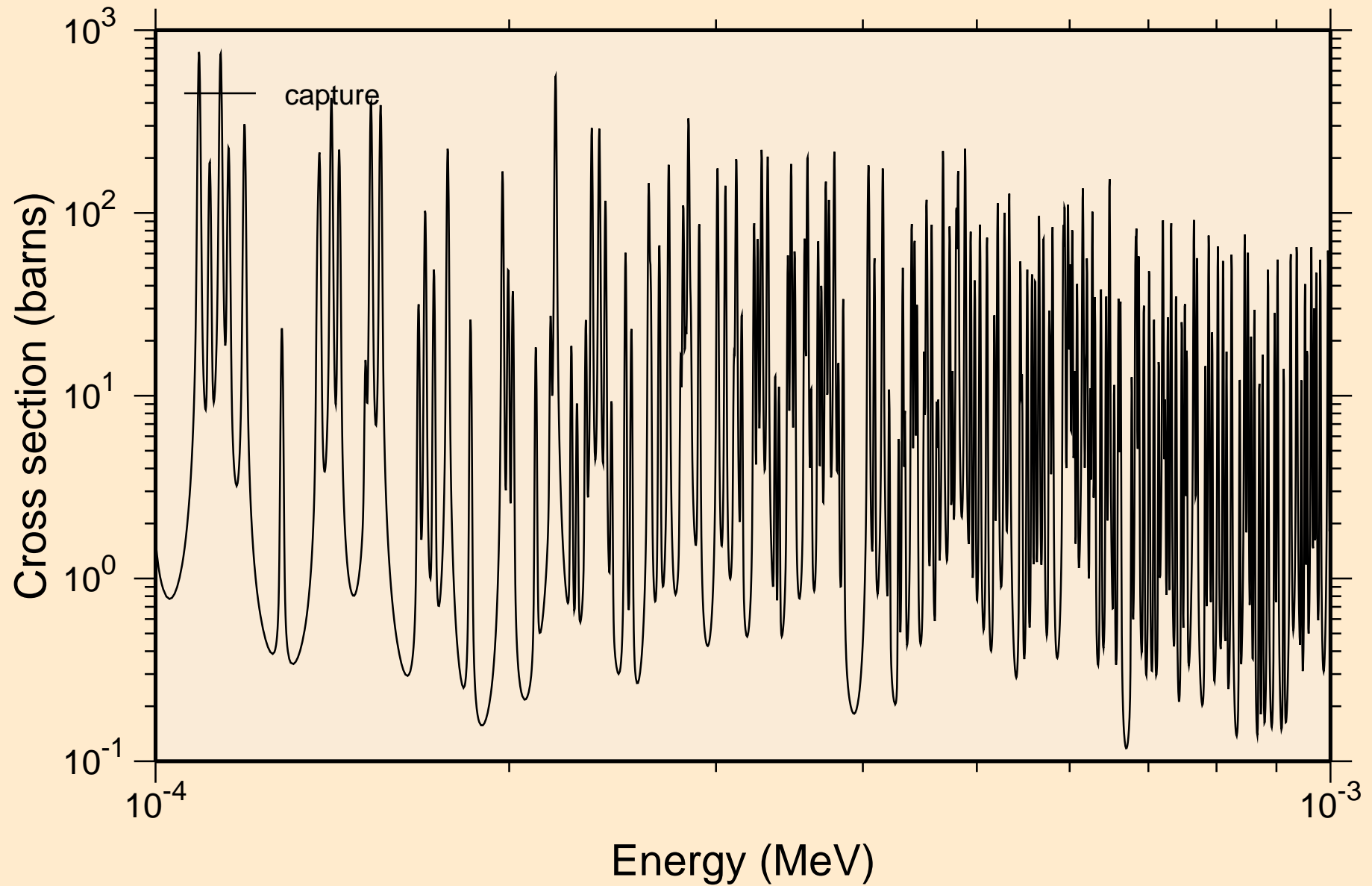


TB159 NRG TENDL-2015, AKONING  
resonance absorption cross sections

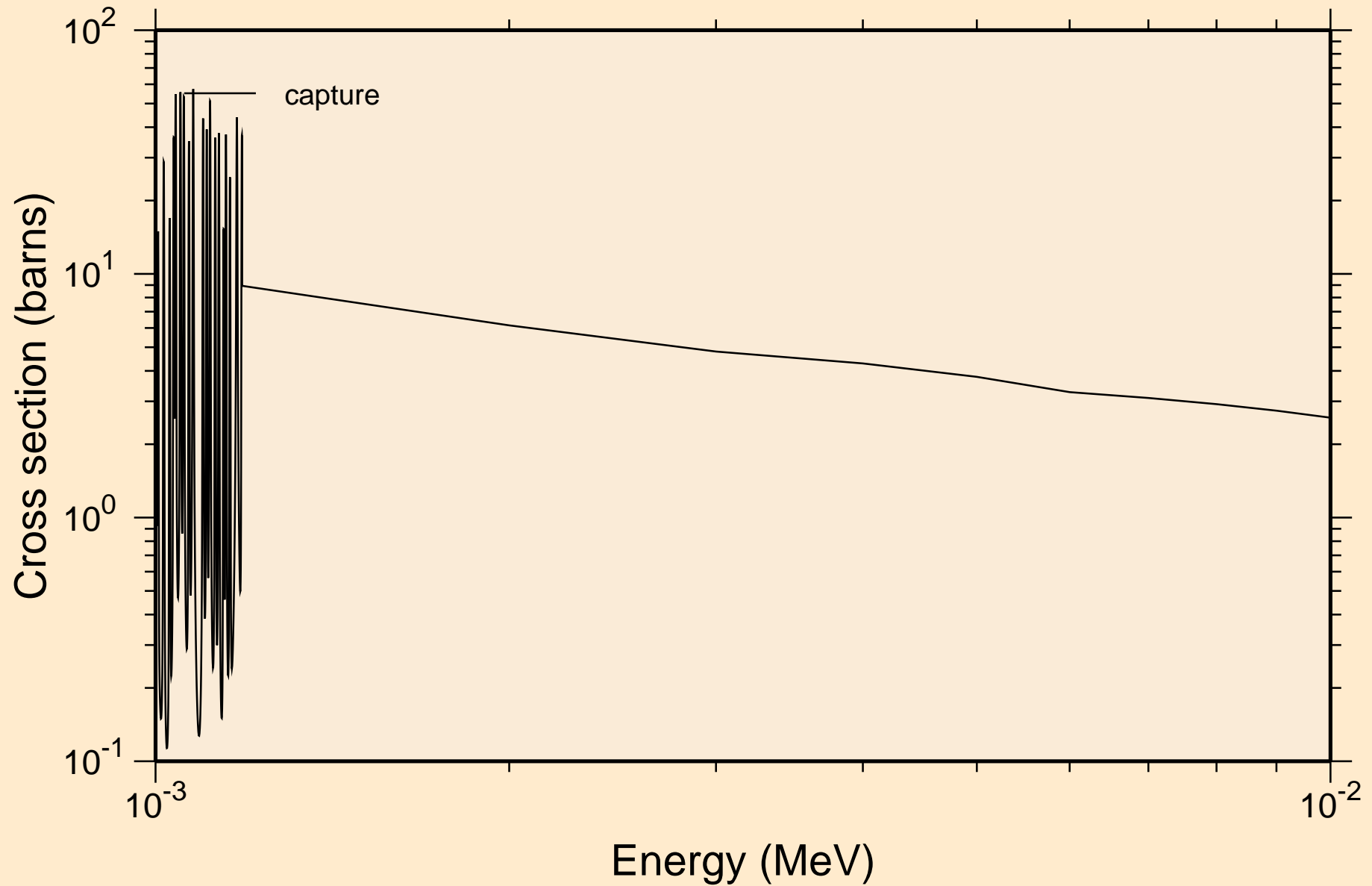




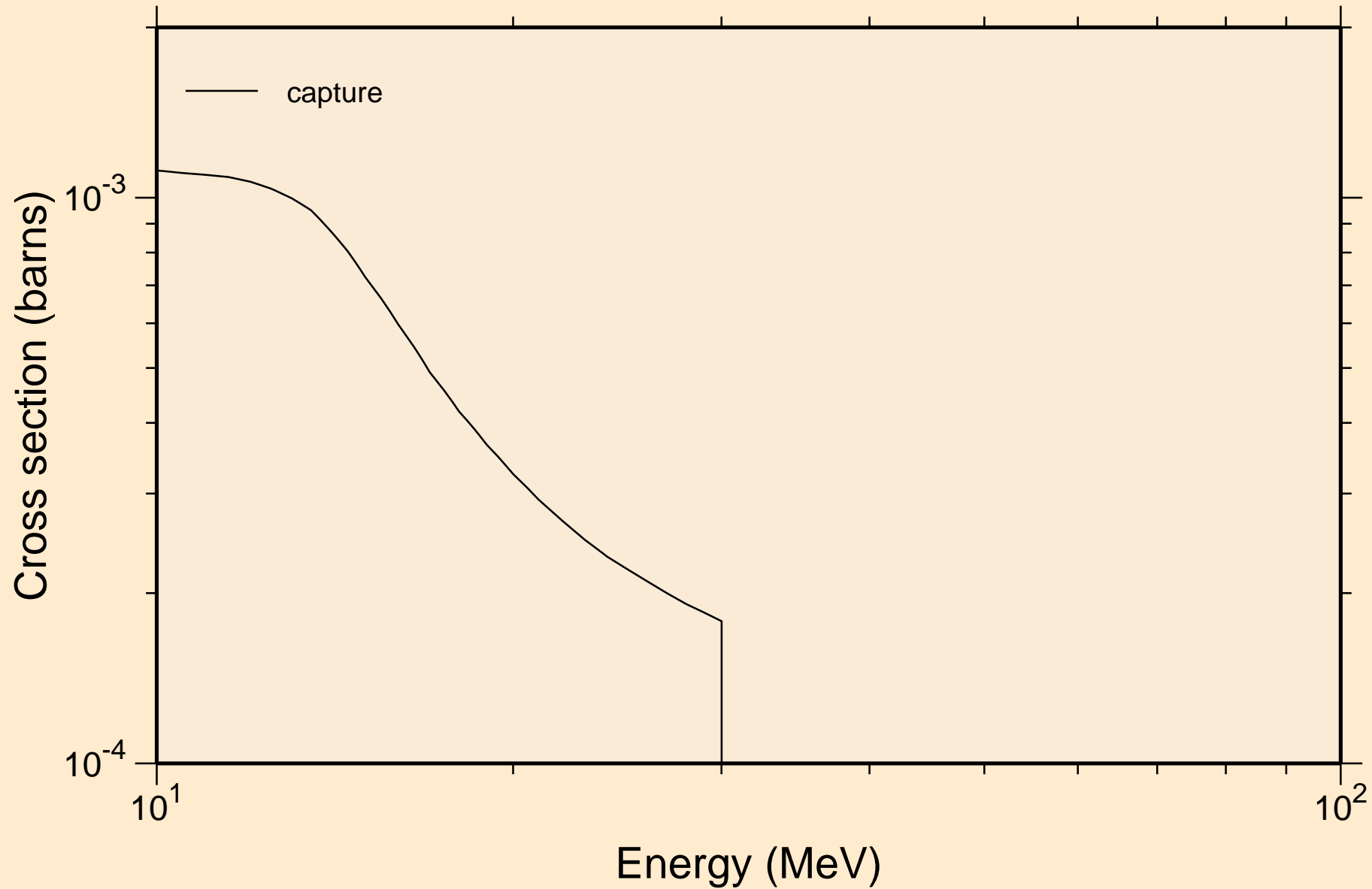
TB159 NRG TENDL-2015, AKONING  
resonance absorption cross sections



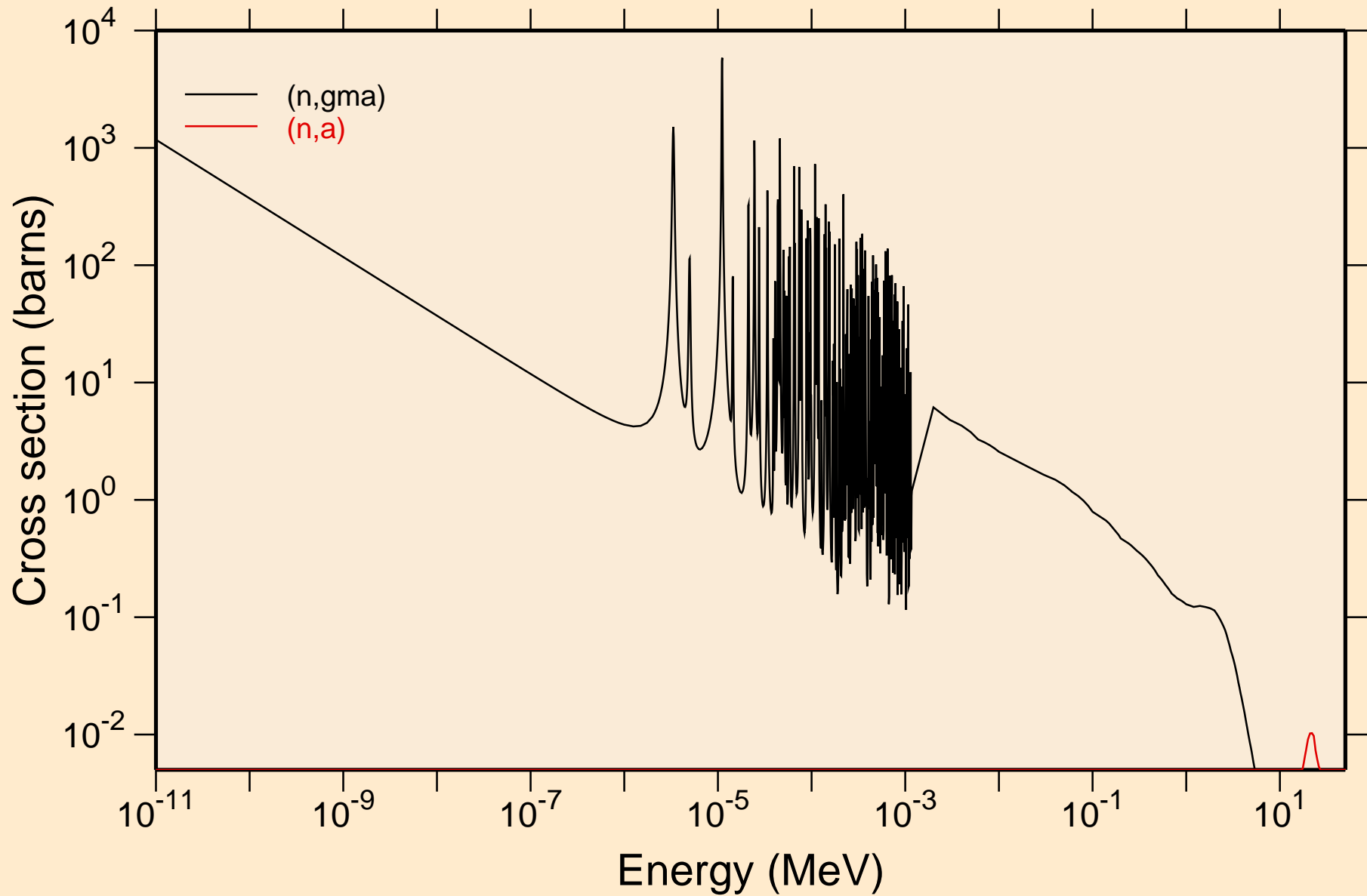
TB159 NRG TENDL-2015, AKONING  
resonance absorption cross sections



TB159 NRG TENDL-2015, AKONING  
resonance absorption cross sections

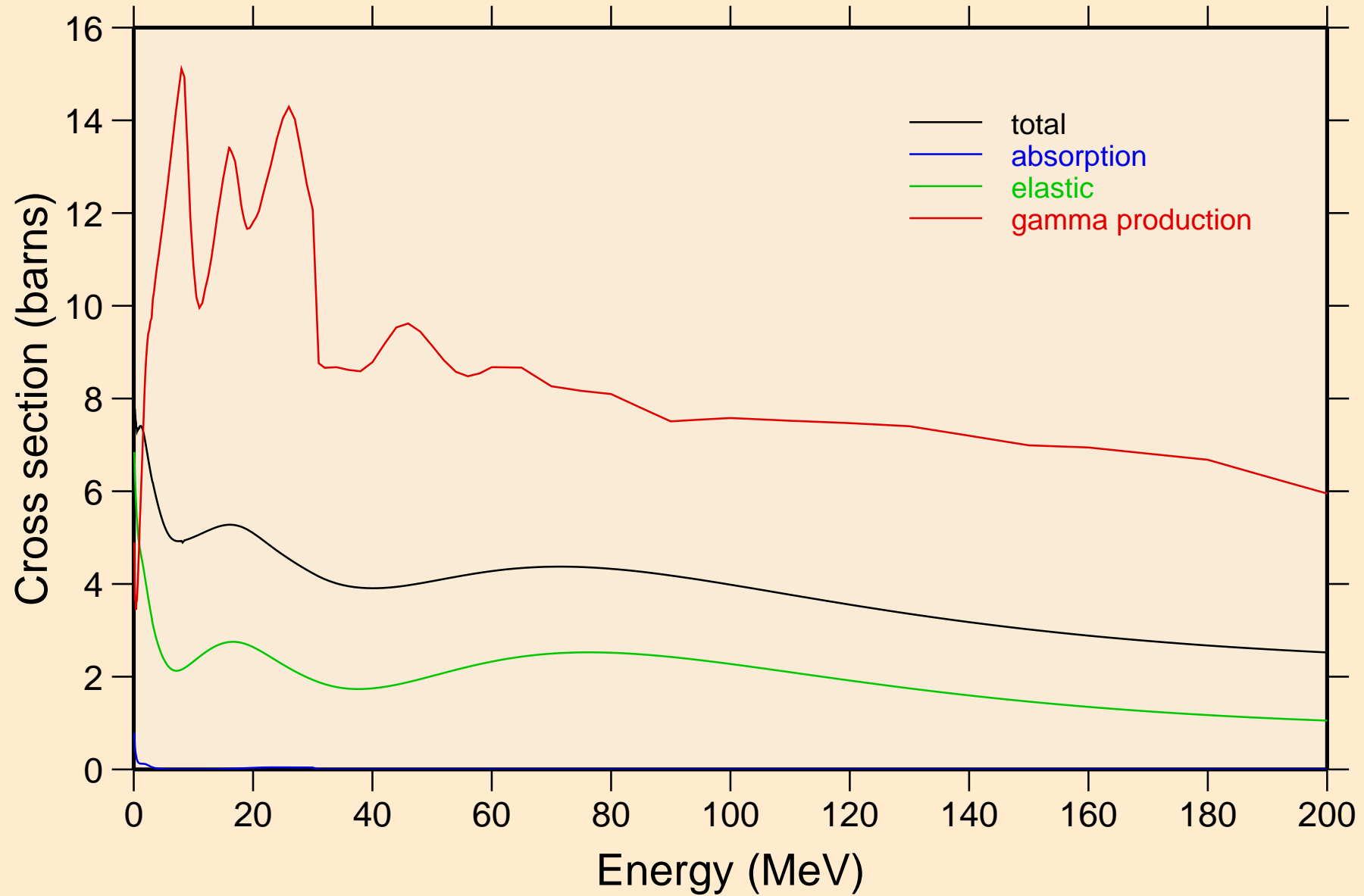


TB159 NRG TENDL-2015, AKONING  
Non-threshold reactions

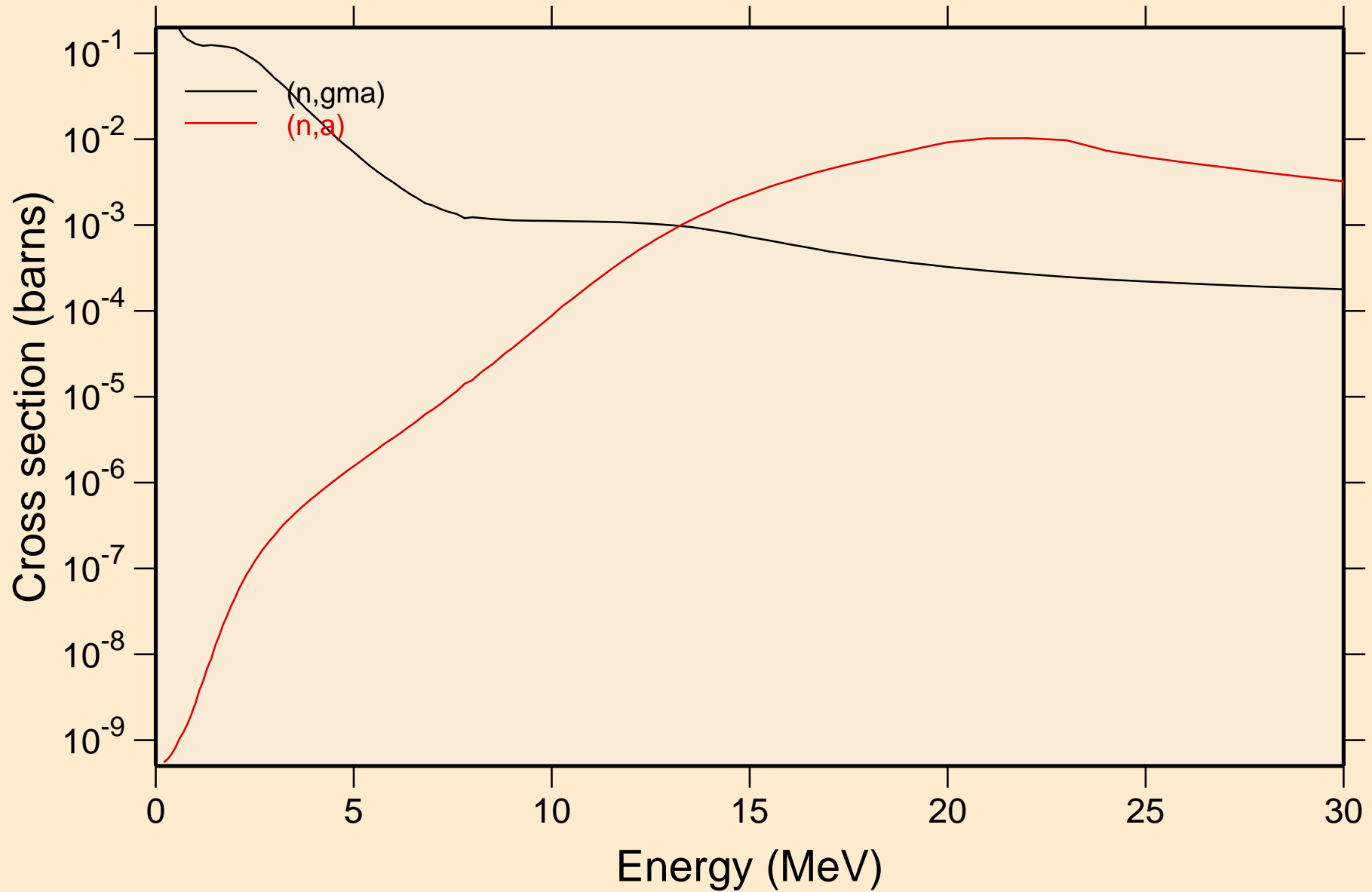


# TB159 NRG TENDL-2015, AKONING

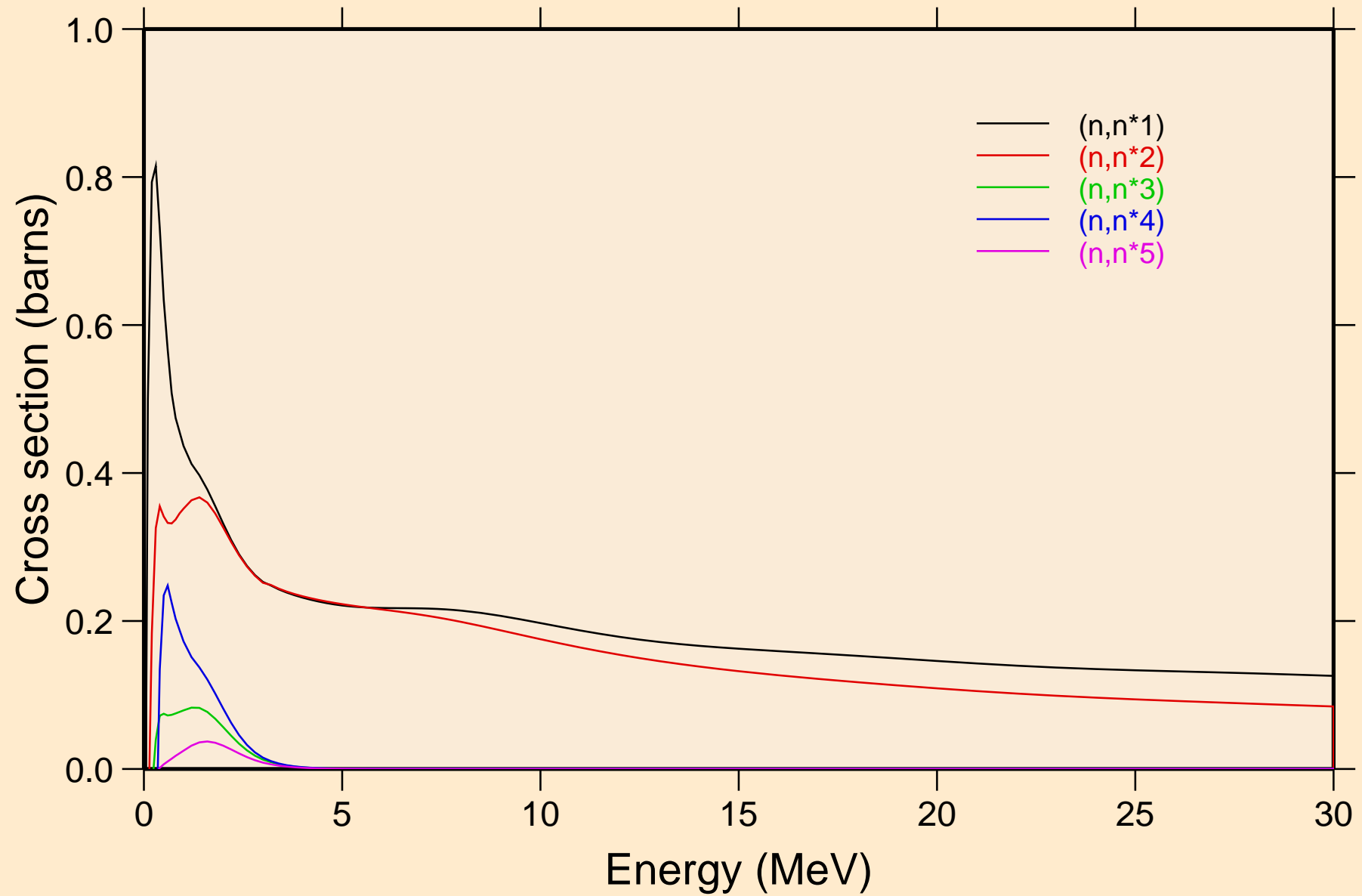
## Principal cross sections



TB159 NRG TENDL-2015, AKONING  
Non-threshold reactions

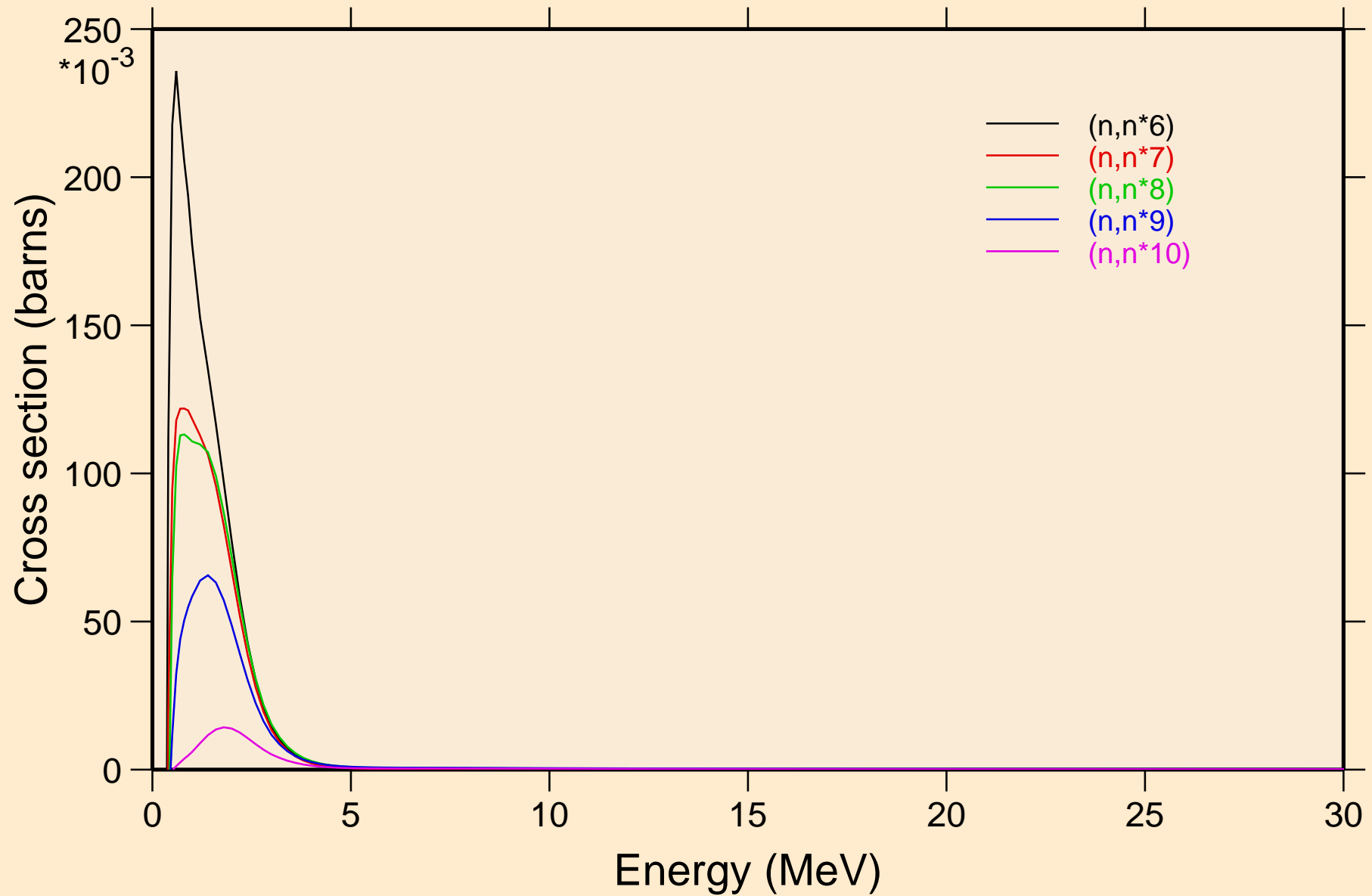


TB159 NRG TENDL-2015, AKONING  
Inelastic levels



# TB159 NRG TENDL-2015, AKONING

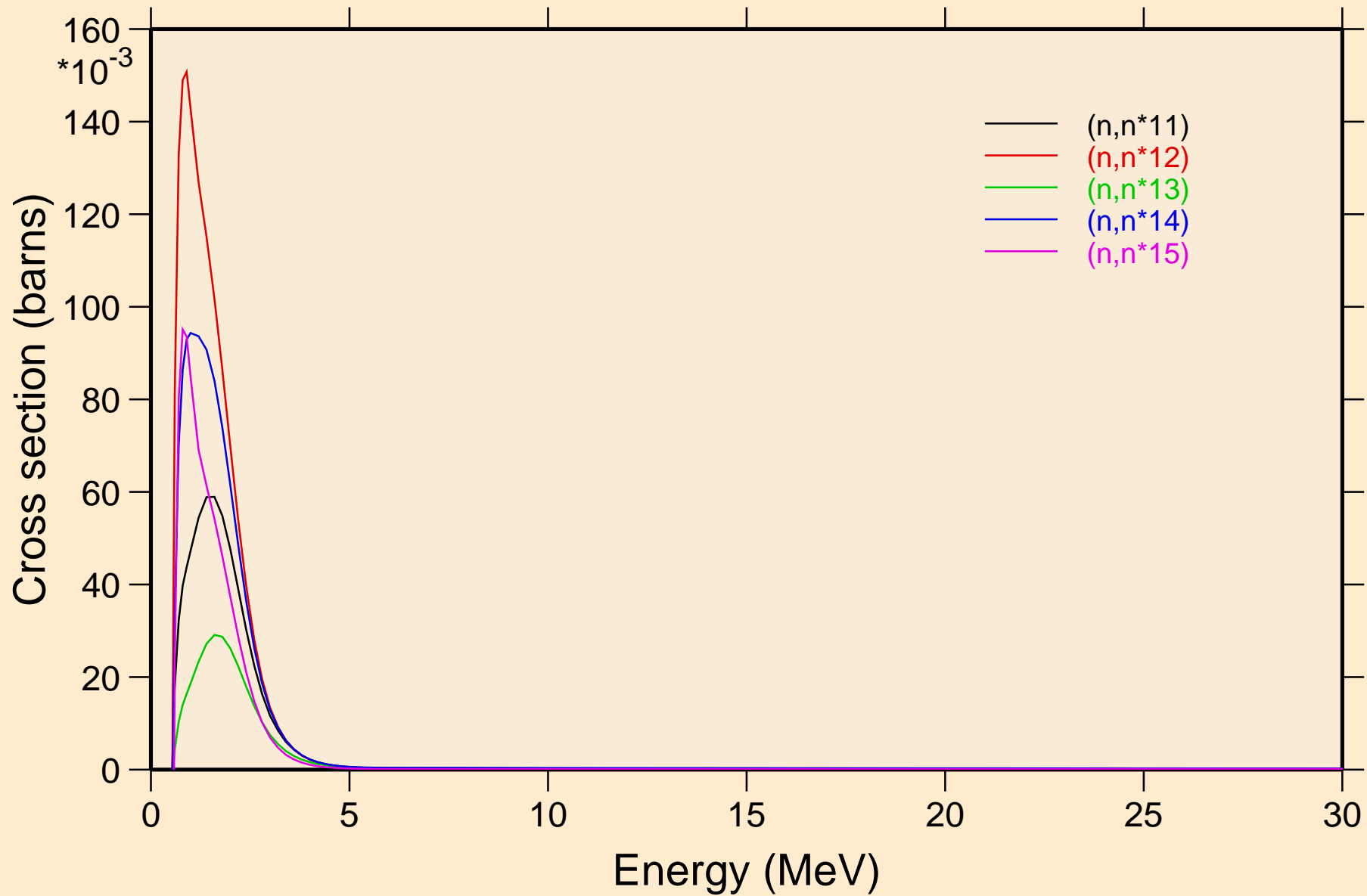
## Inelastic levels





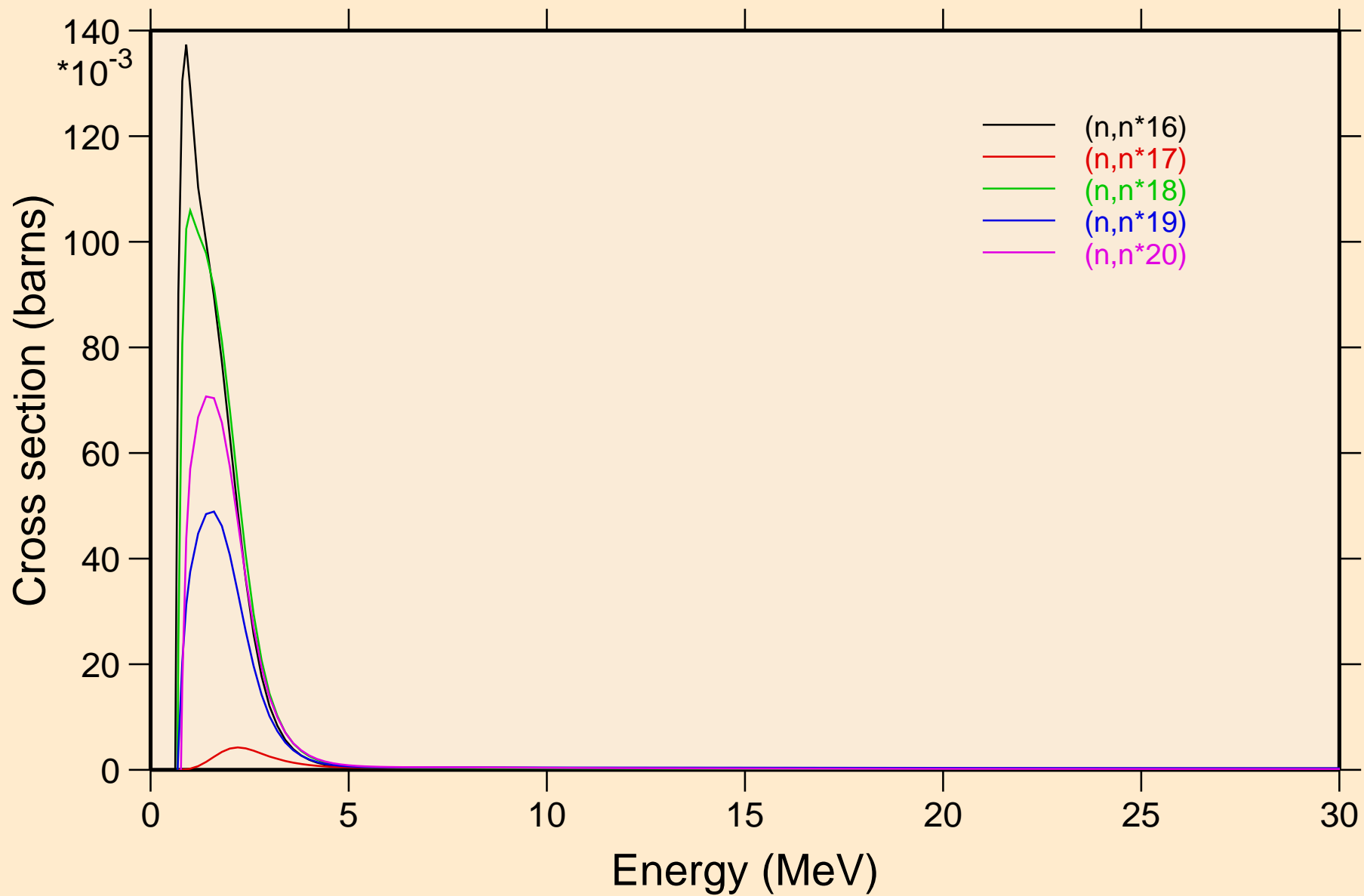
# TB159 NRG TENDL-2015, AKONING

## Inelastic levels



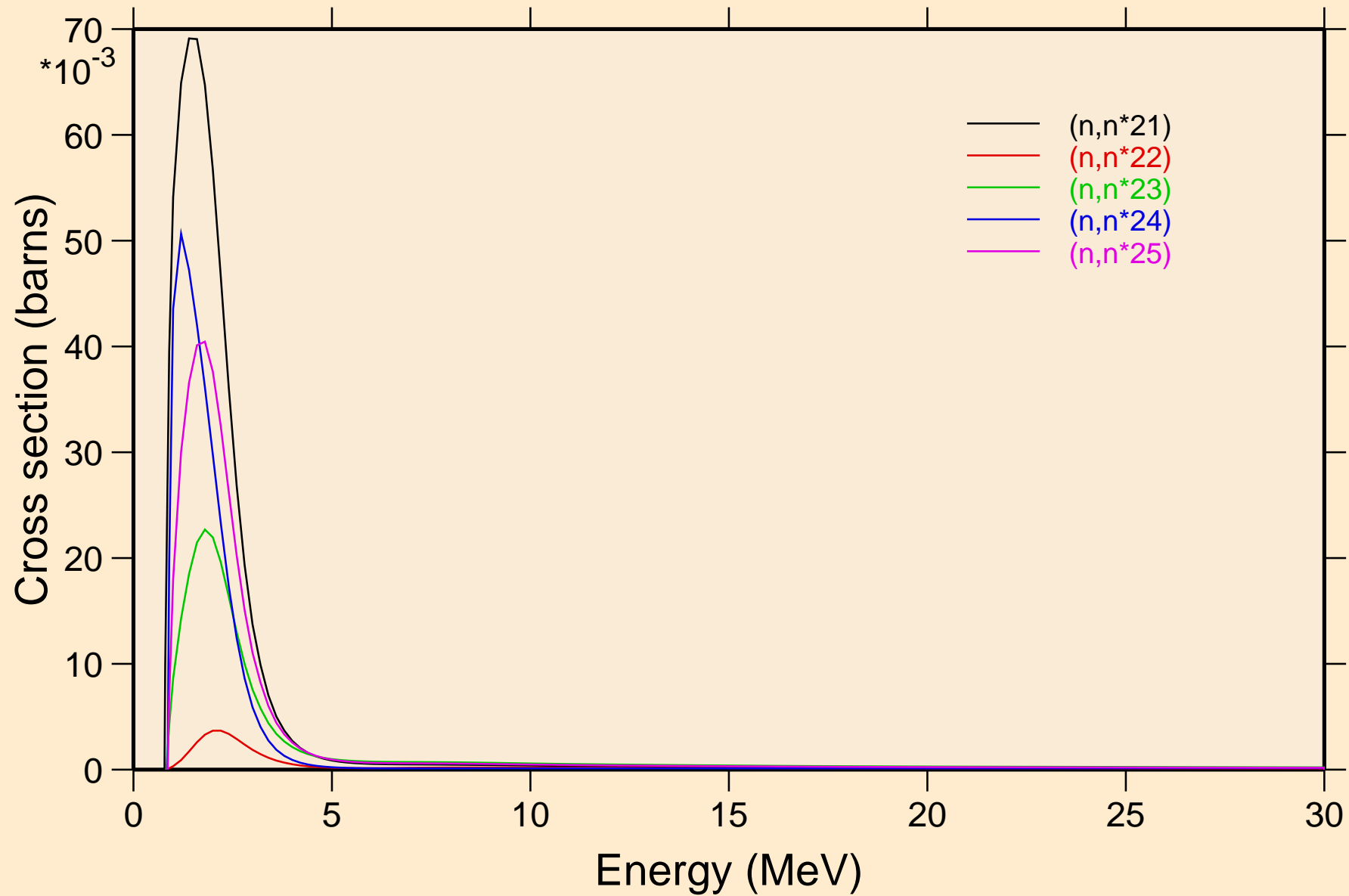
# TB159 NRG TENDL-2015, AKONING

## Inelastic levels



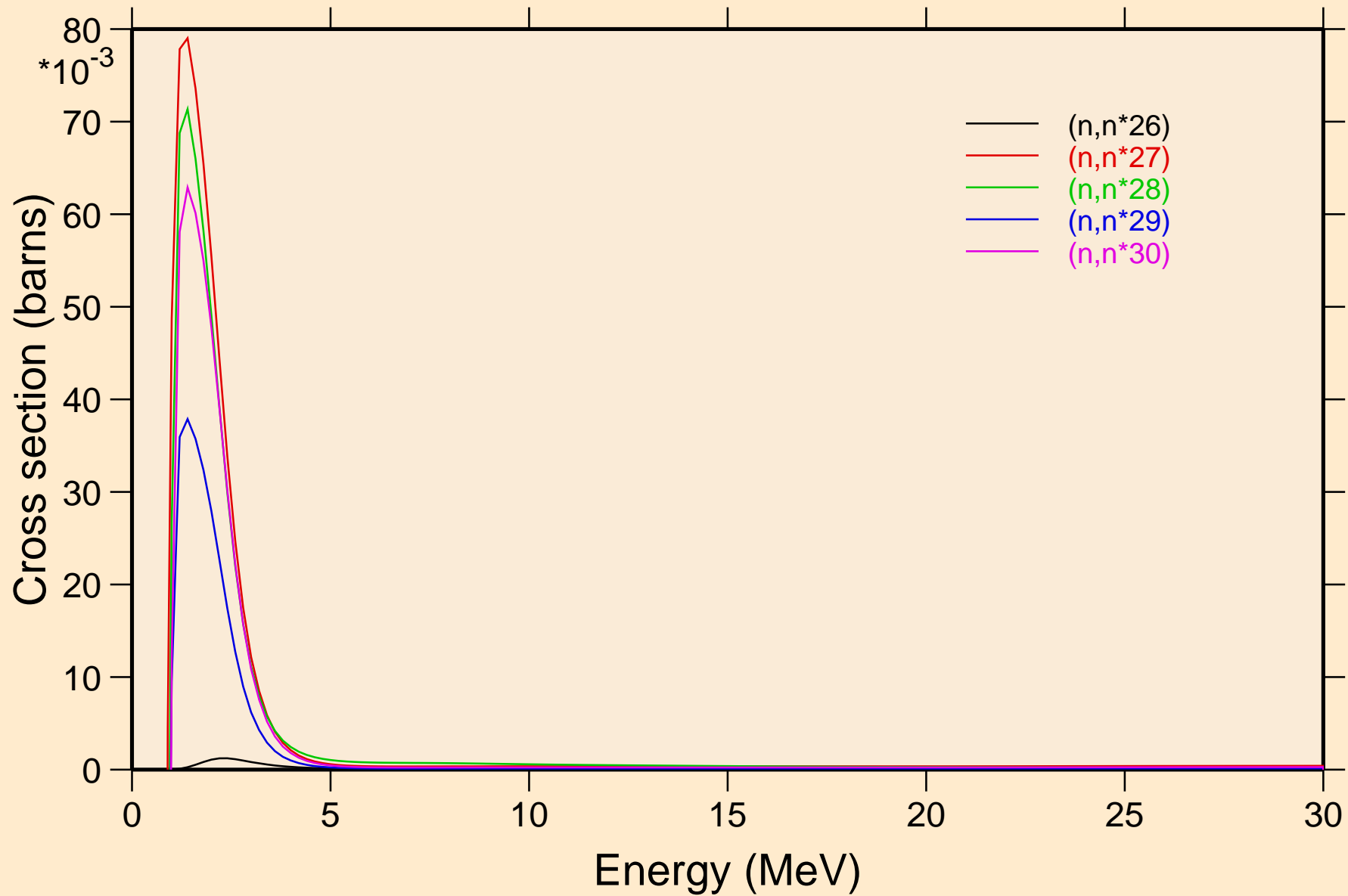
# TB159 NRG TENDL-2015, AKONING

## Inelastic levels



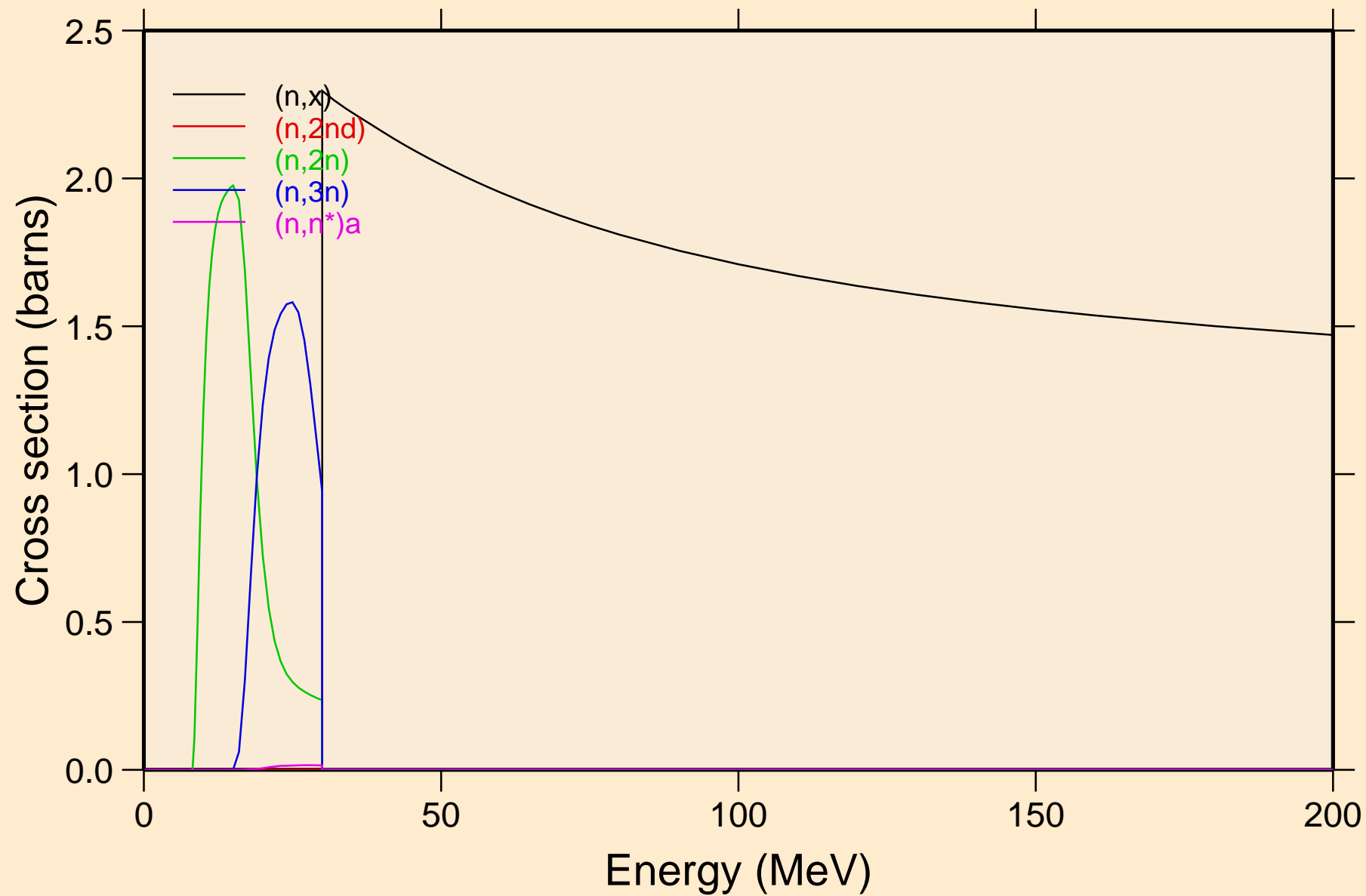
# TB159 NRG TENDL-2015, AKONING

## Inelastic levels



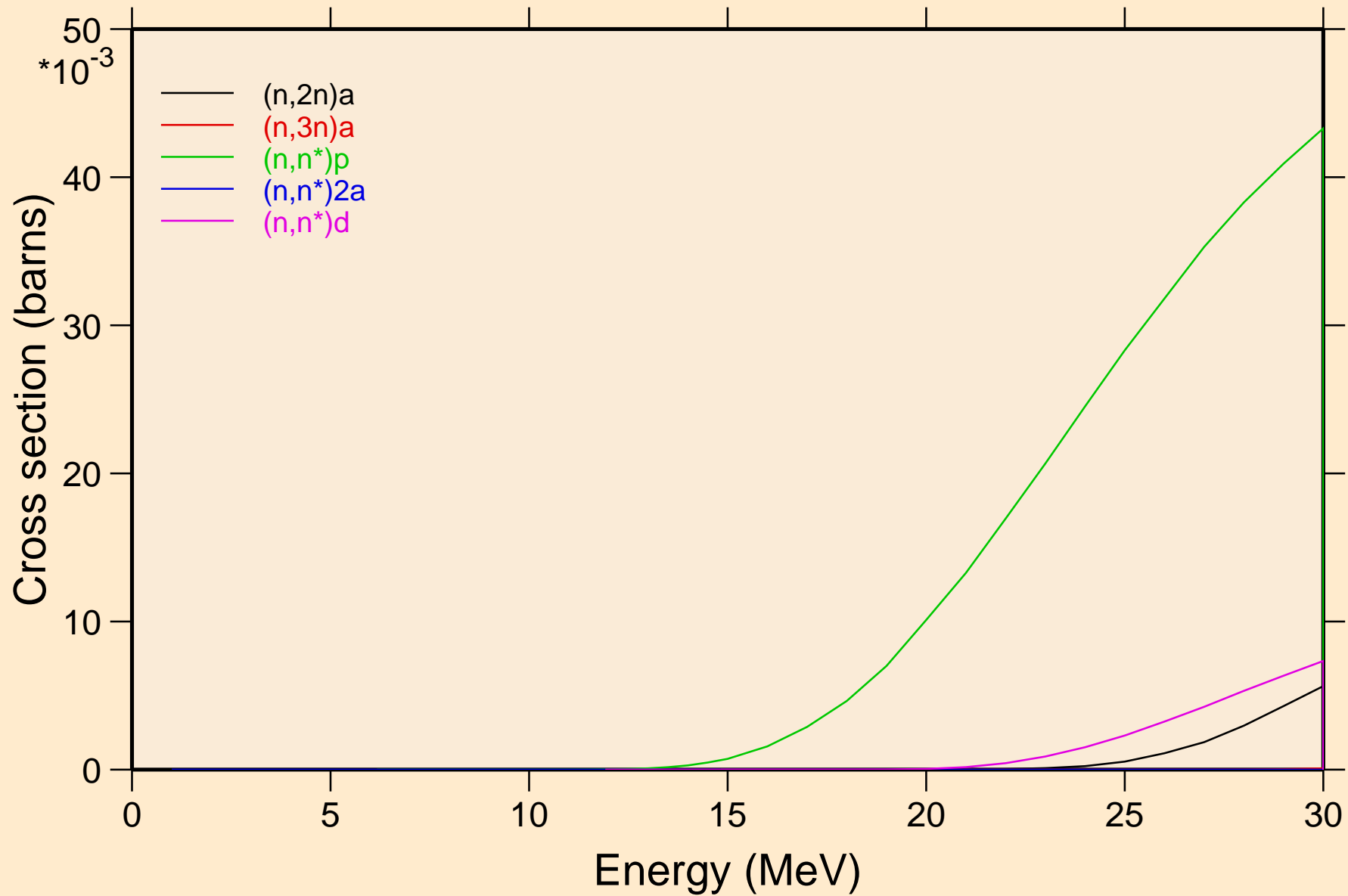
# TB159 NRG TENDL-2015, AKONING

## Threshold reactions



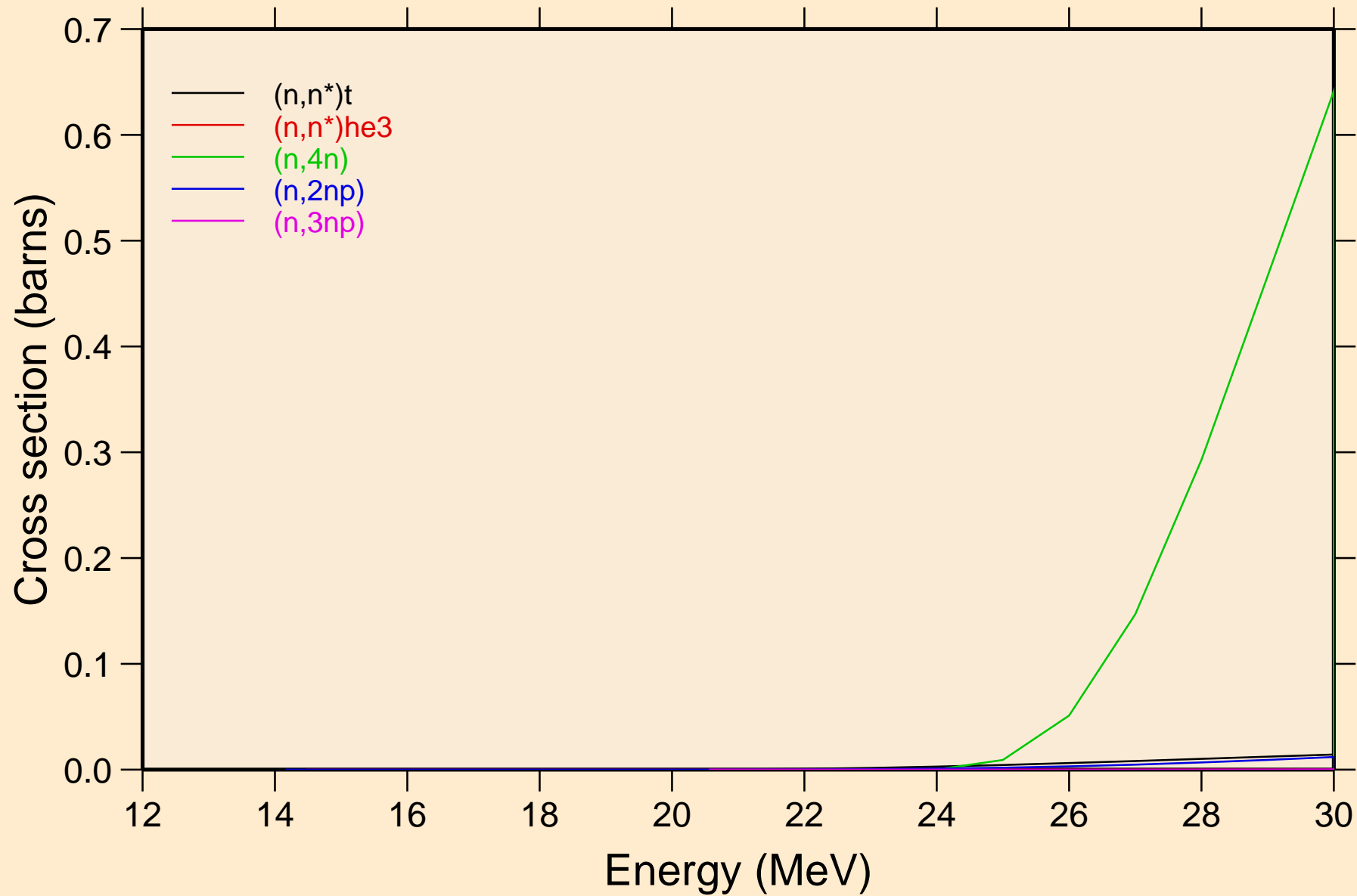
# TB159 NRG TENDL-2015, AKONING

## Threshold reactions



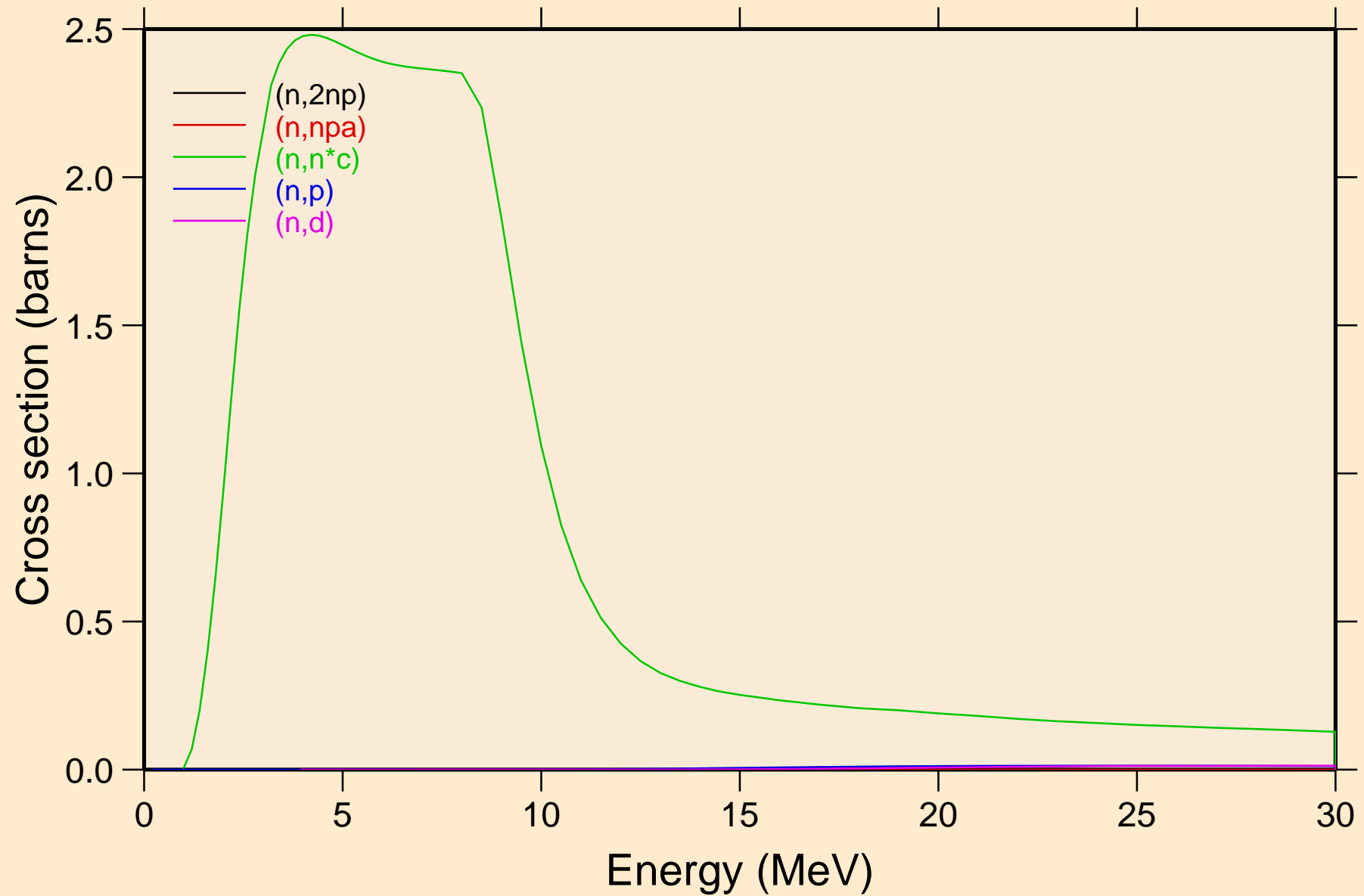
# TB159 NRG TENDL-2015, AKONING

## Threshold reactions



# TB159 NRG TENDL-2015, AKONING

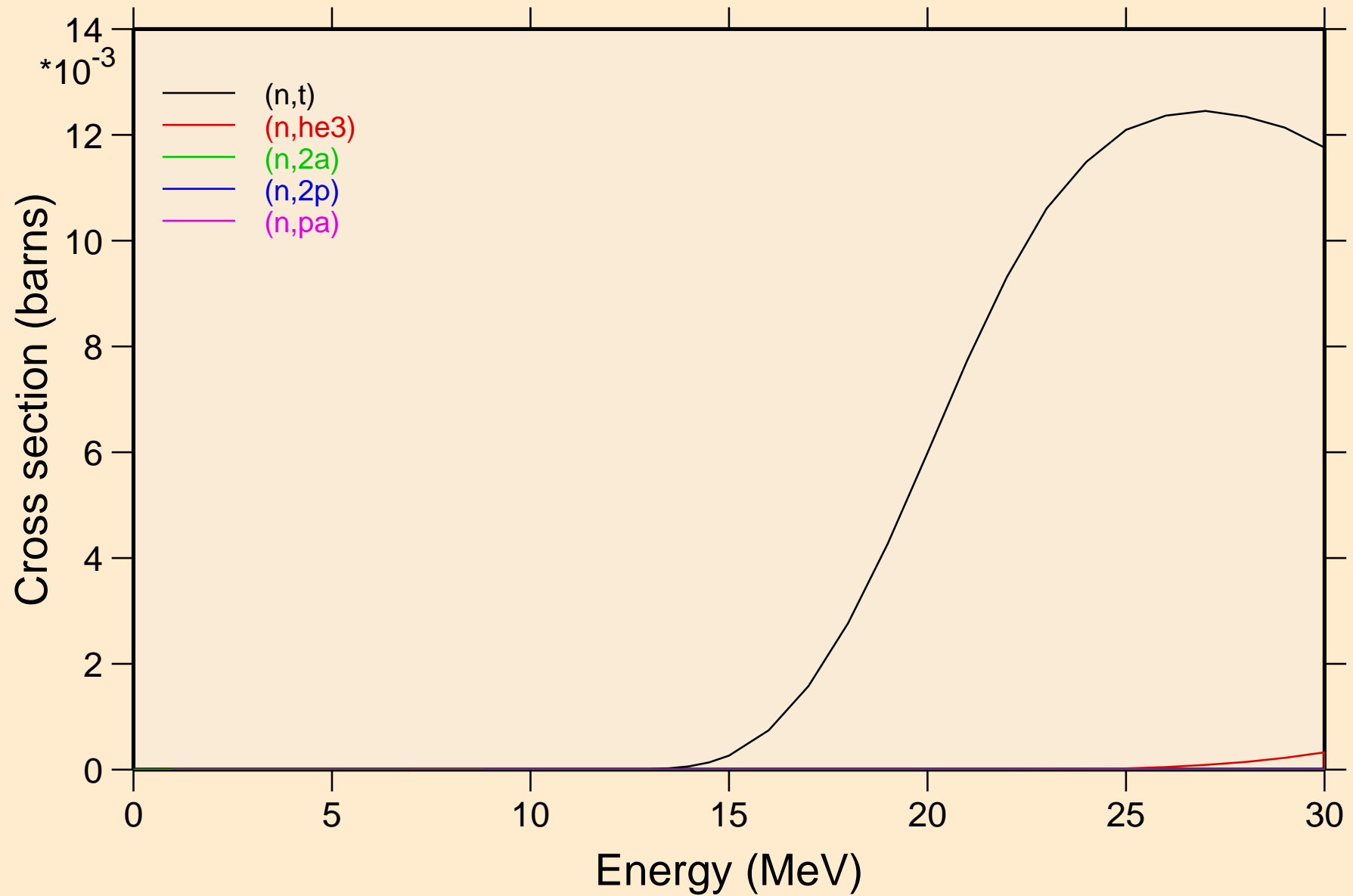
## Threshold reactions





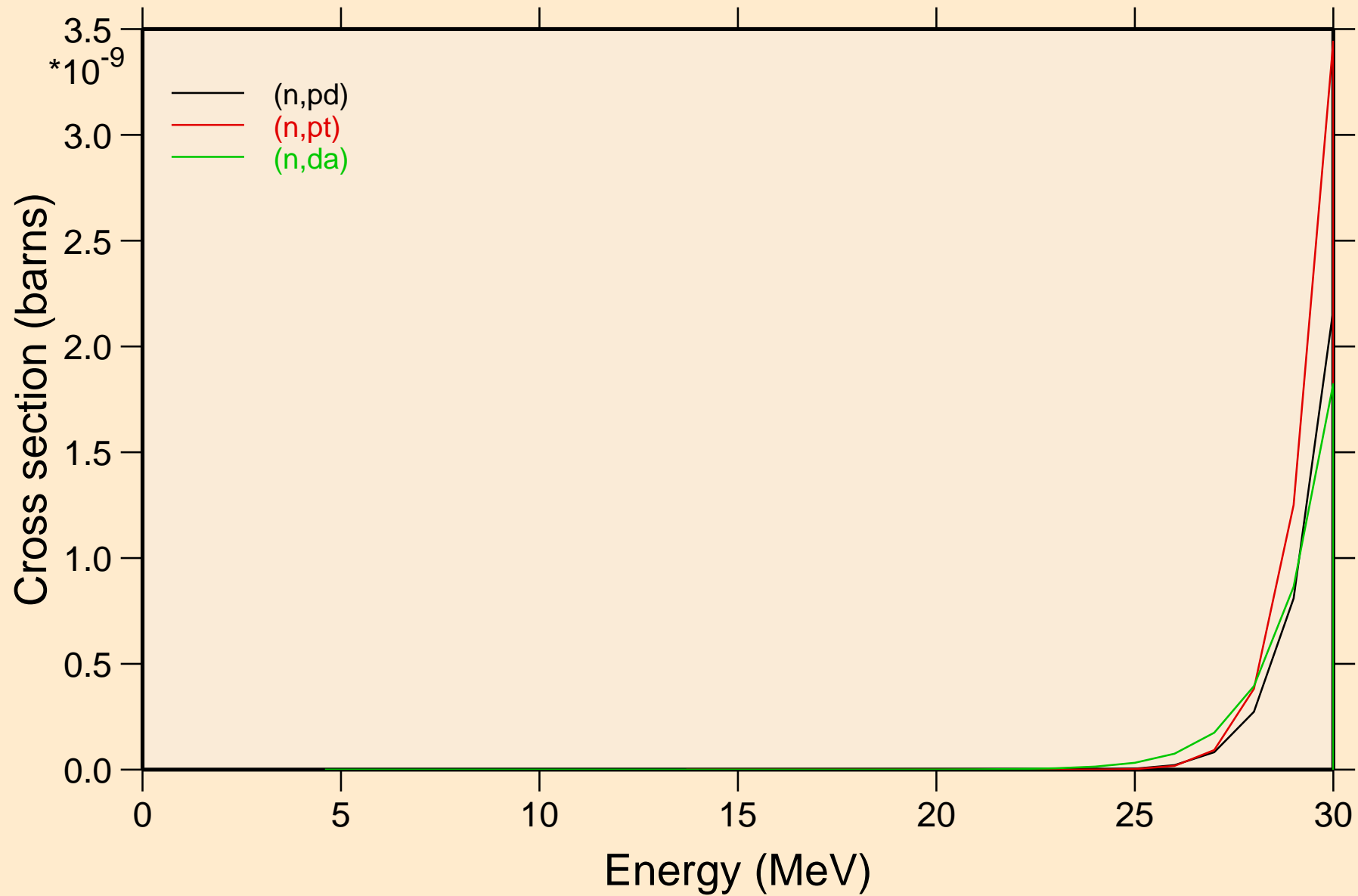
# TB159 NRG TENDL-2015, AKONING

## Threshold reactions

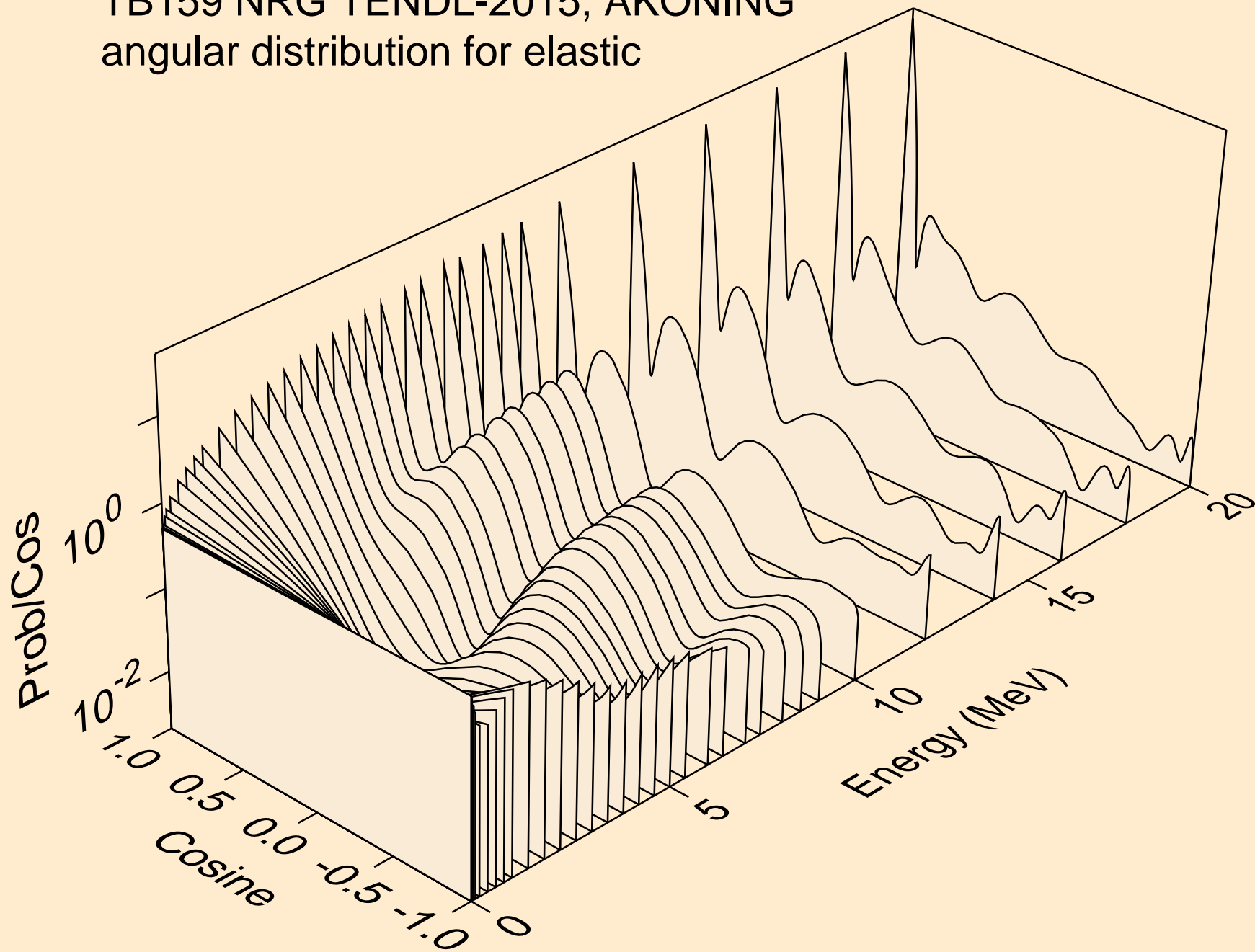


# TB159 NRG TENDL-2015, AKONING

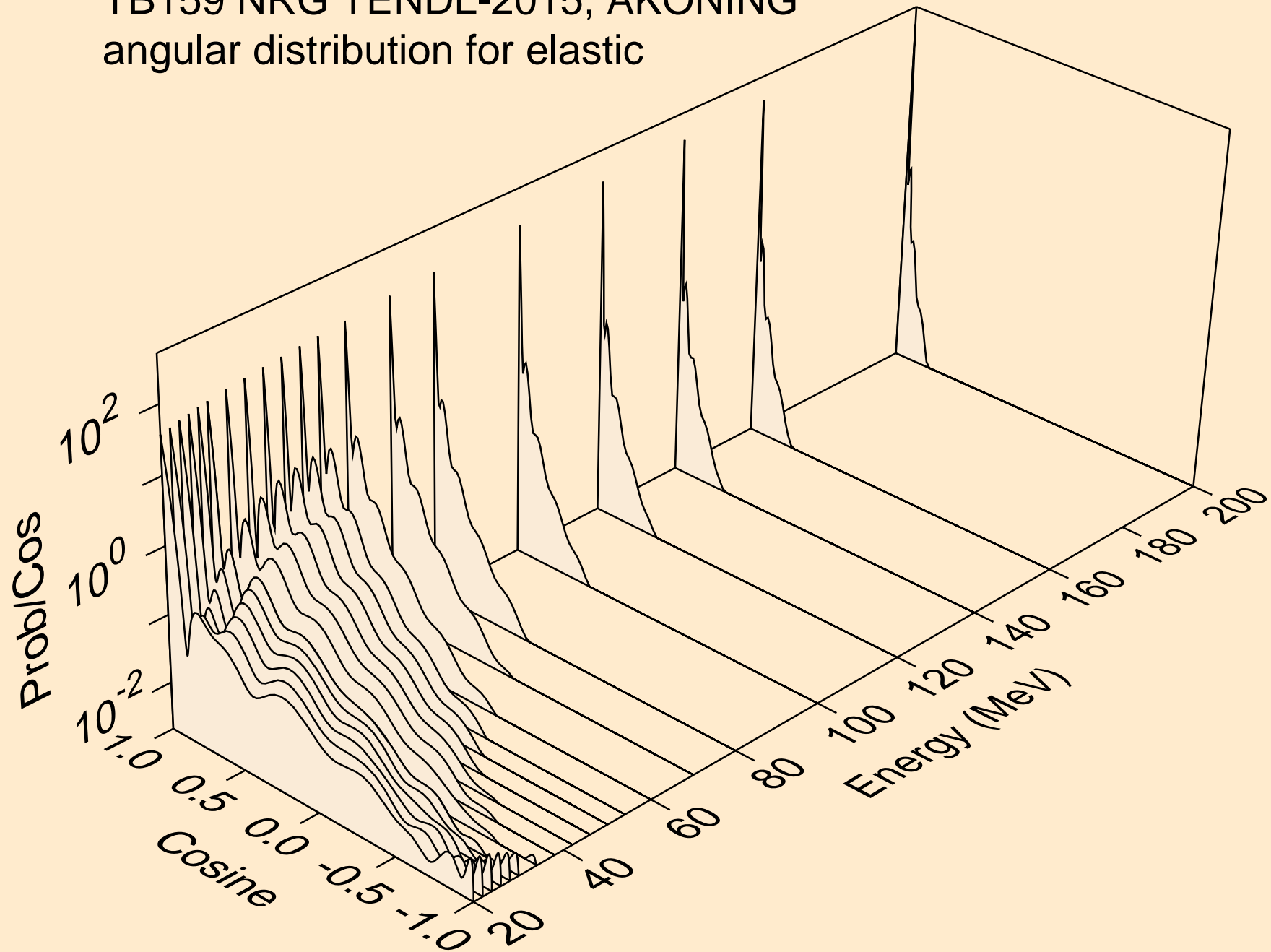
## Threshold reactions



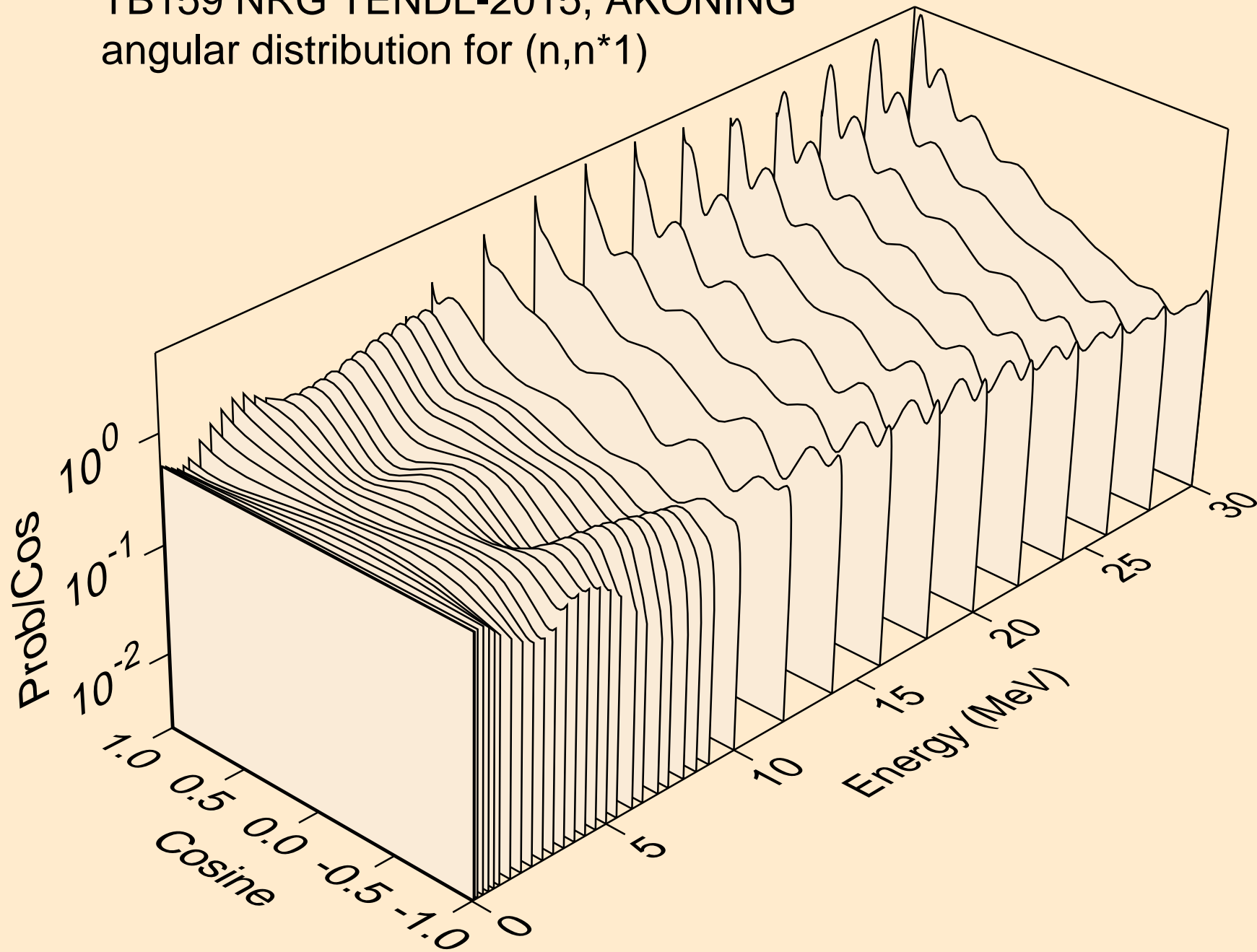
TB159 NRG TENDL-2015, AKONING  
angular distribution for elastic



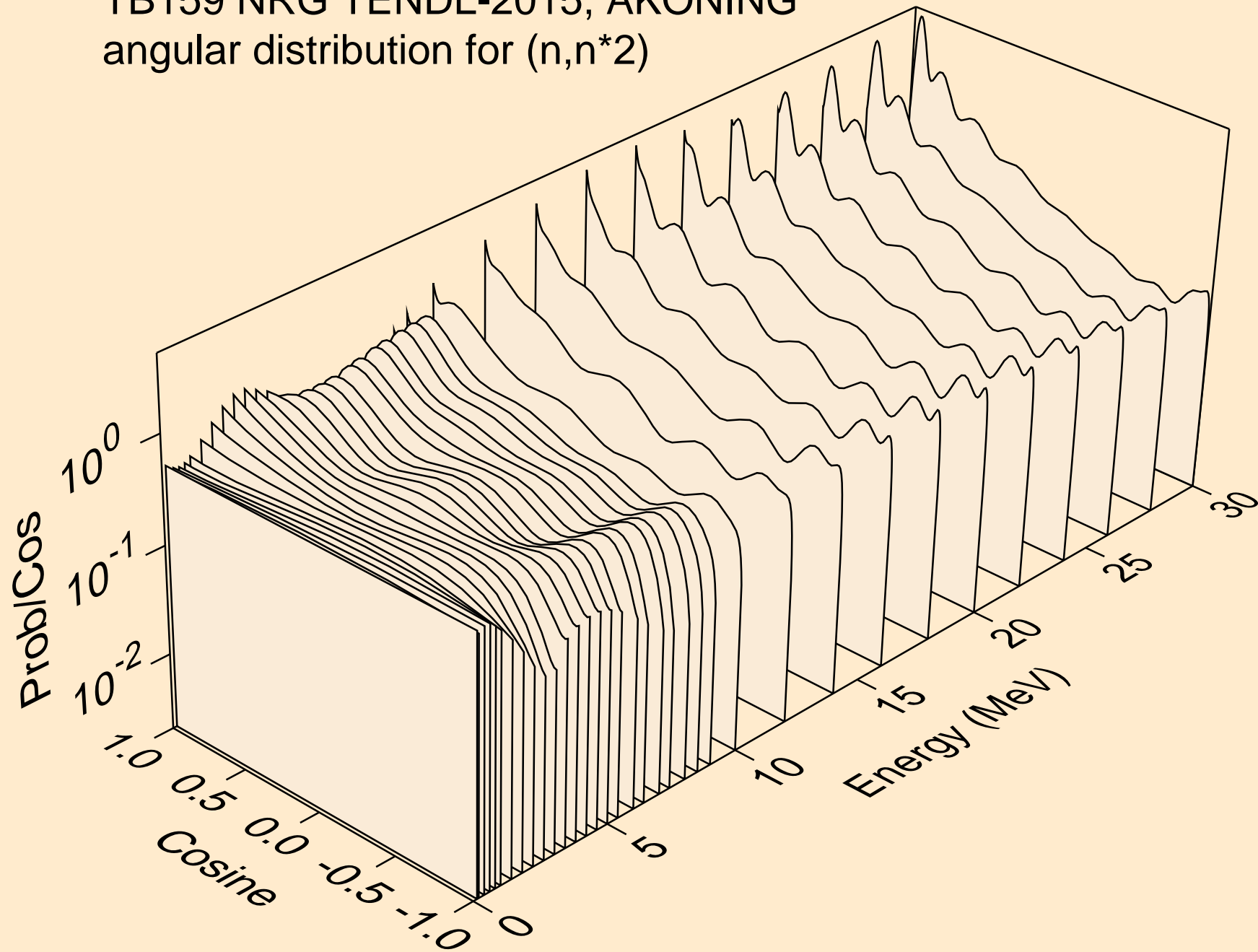
TB159 NRG TENDL-2015, AKONING  
angular distribution for elastic



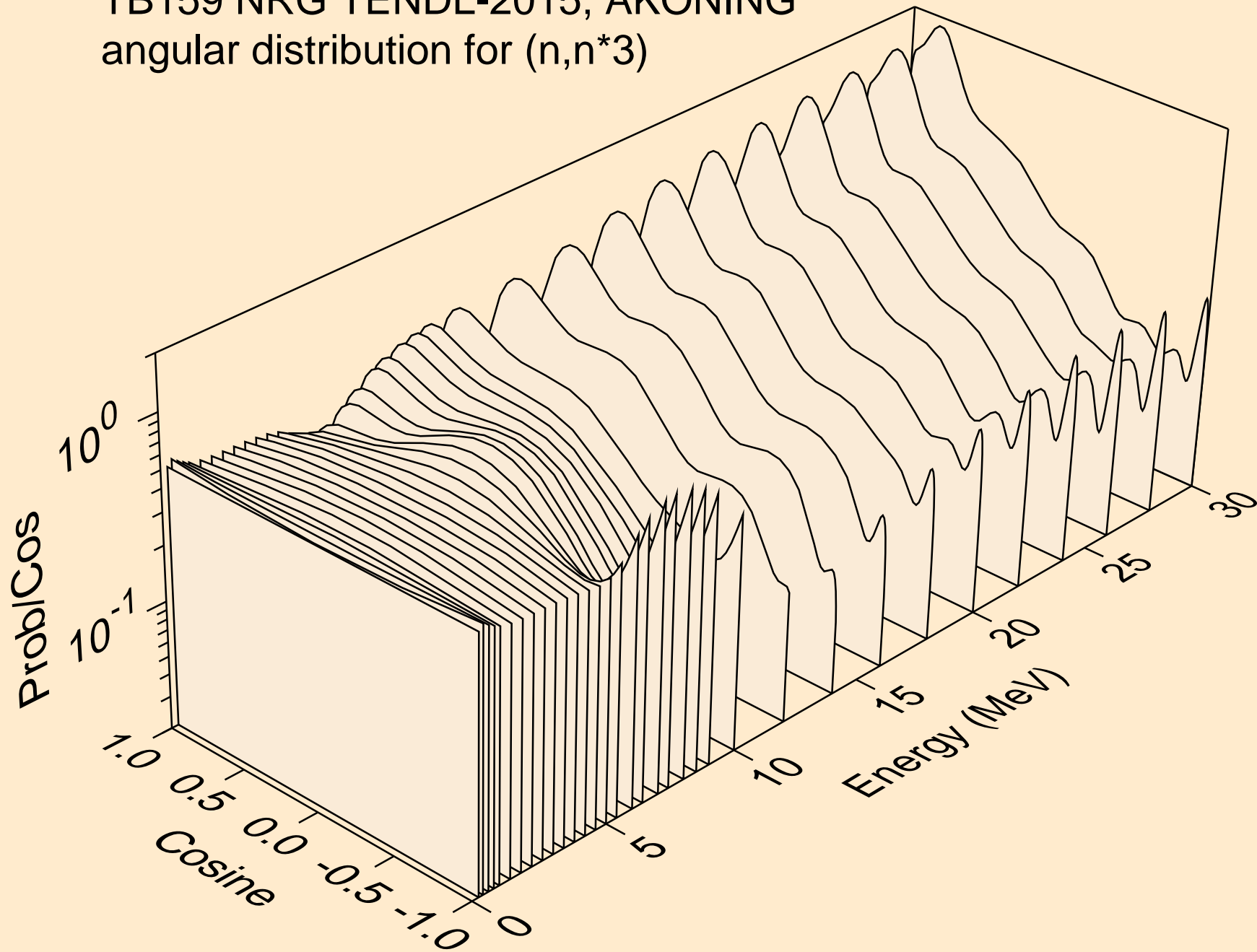
TB159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



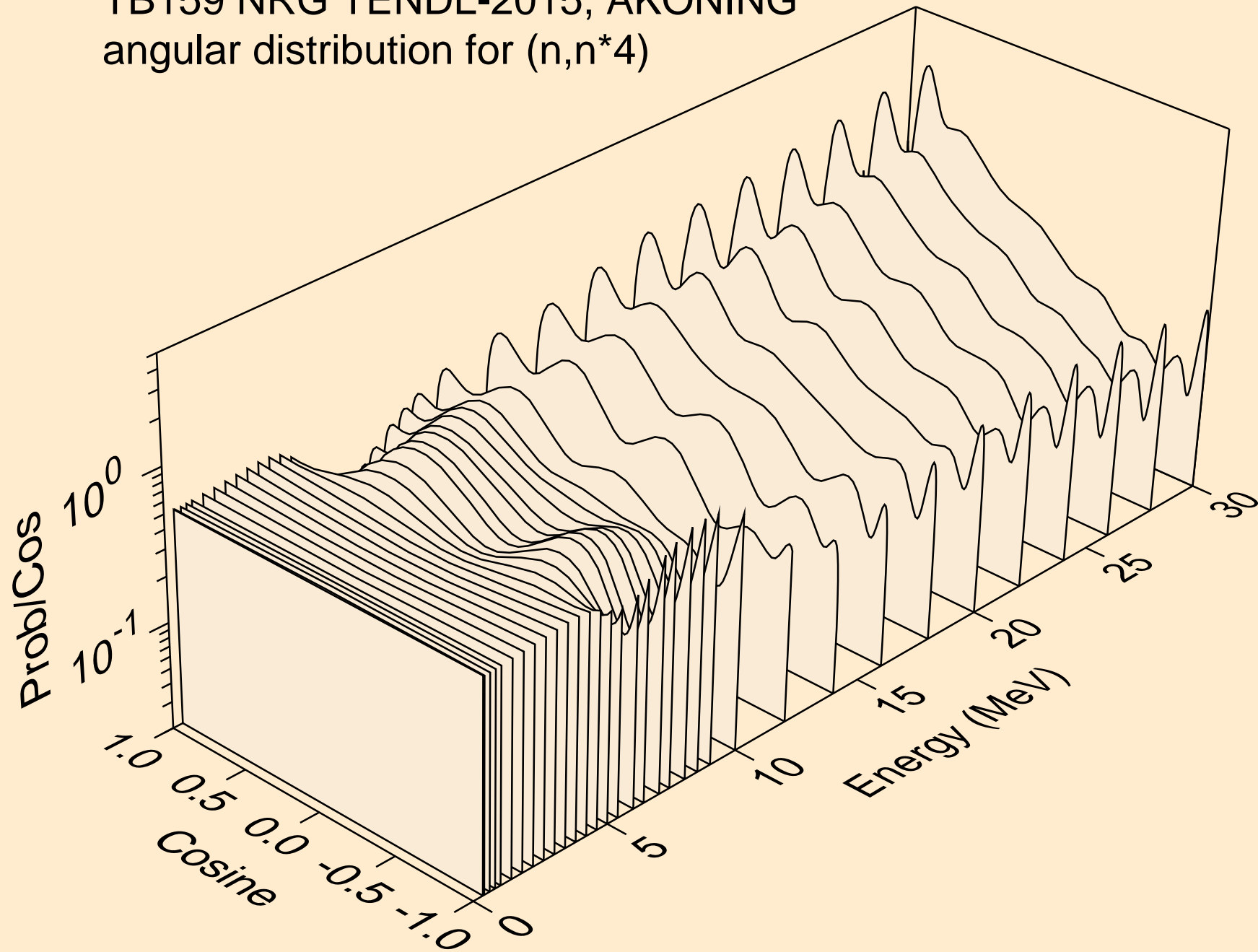
TB159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



TB159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)

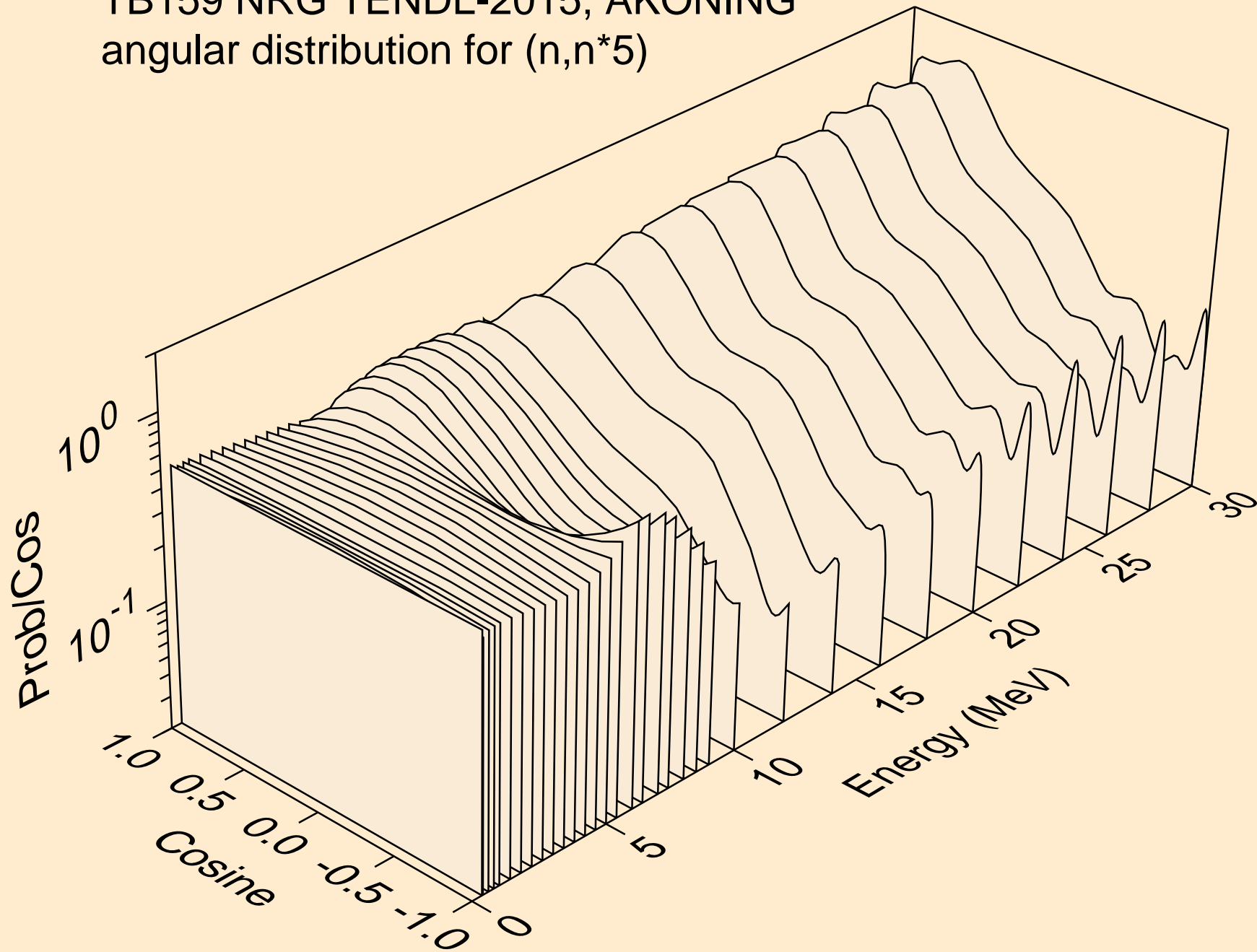


TB159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)

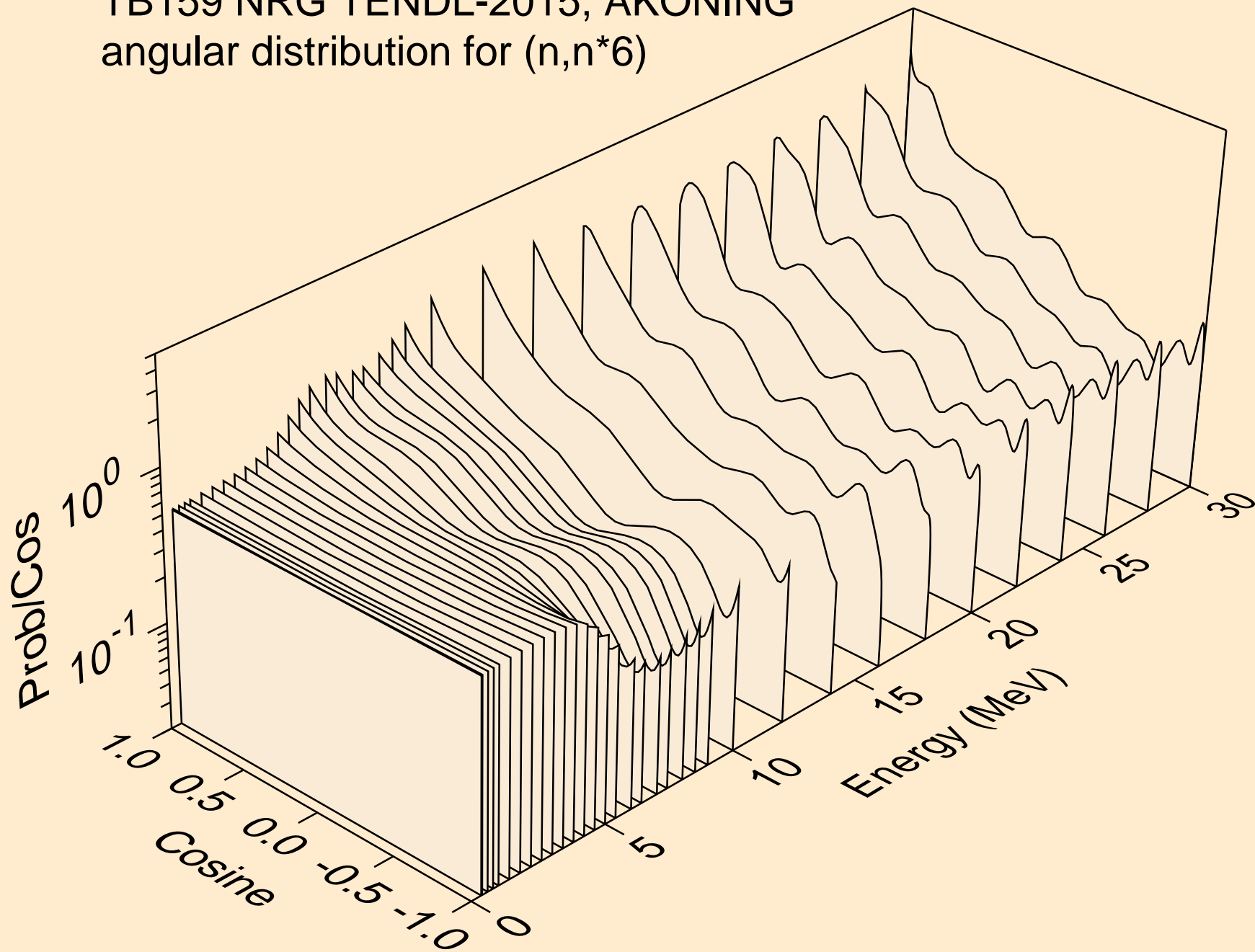




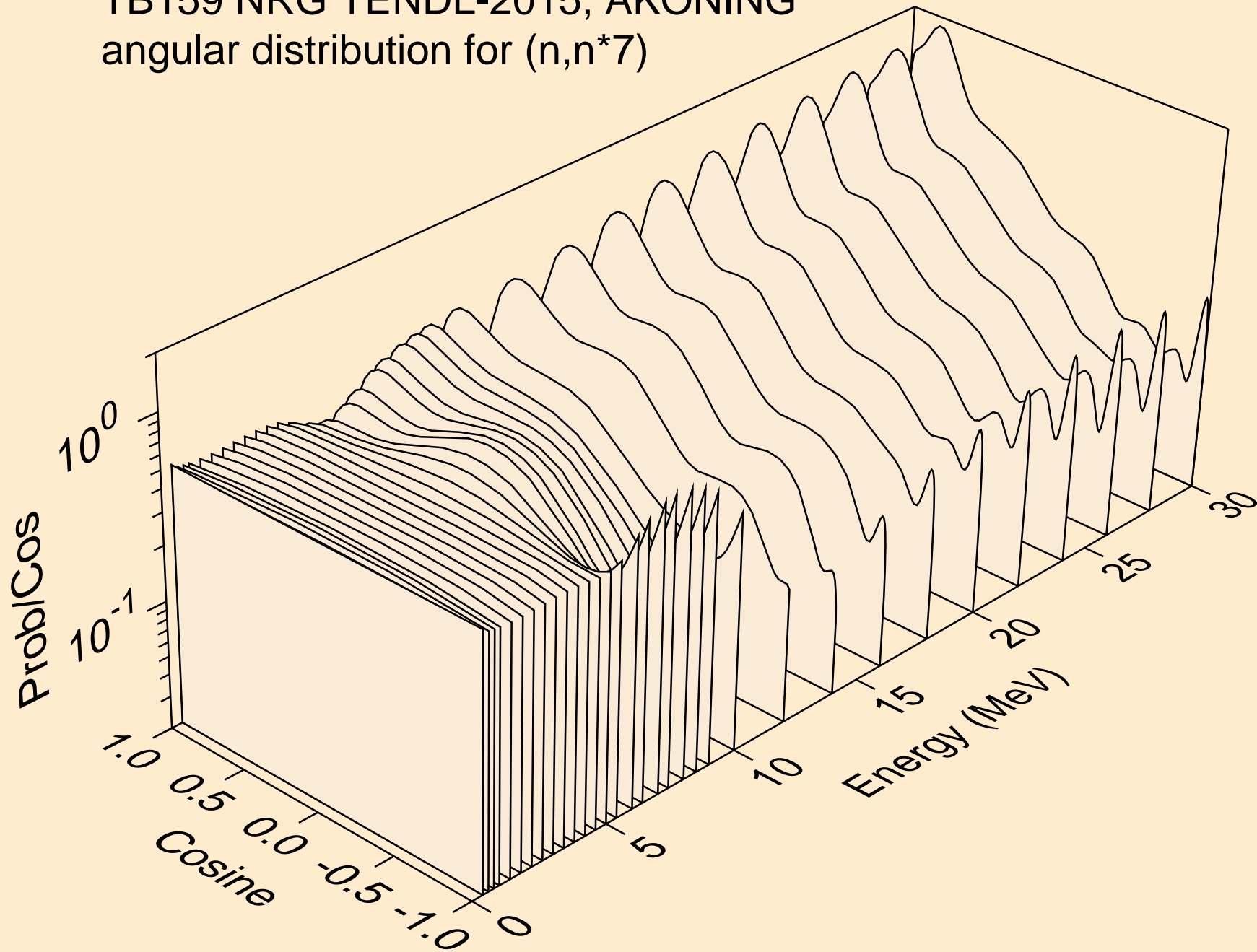
TB159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



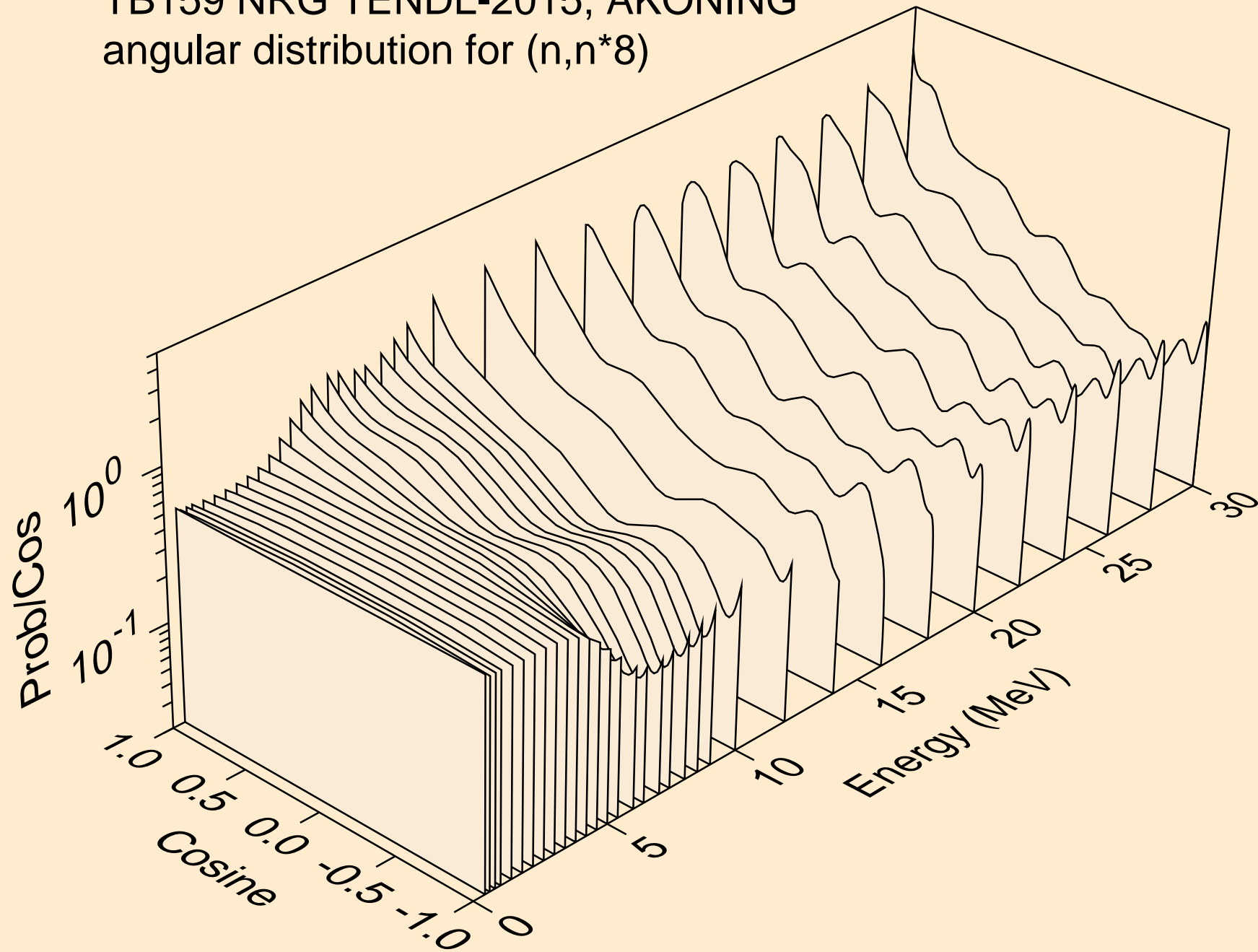
TB159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



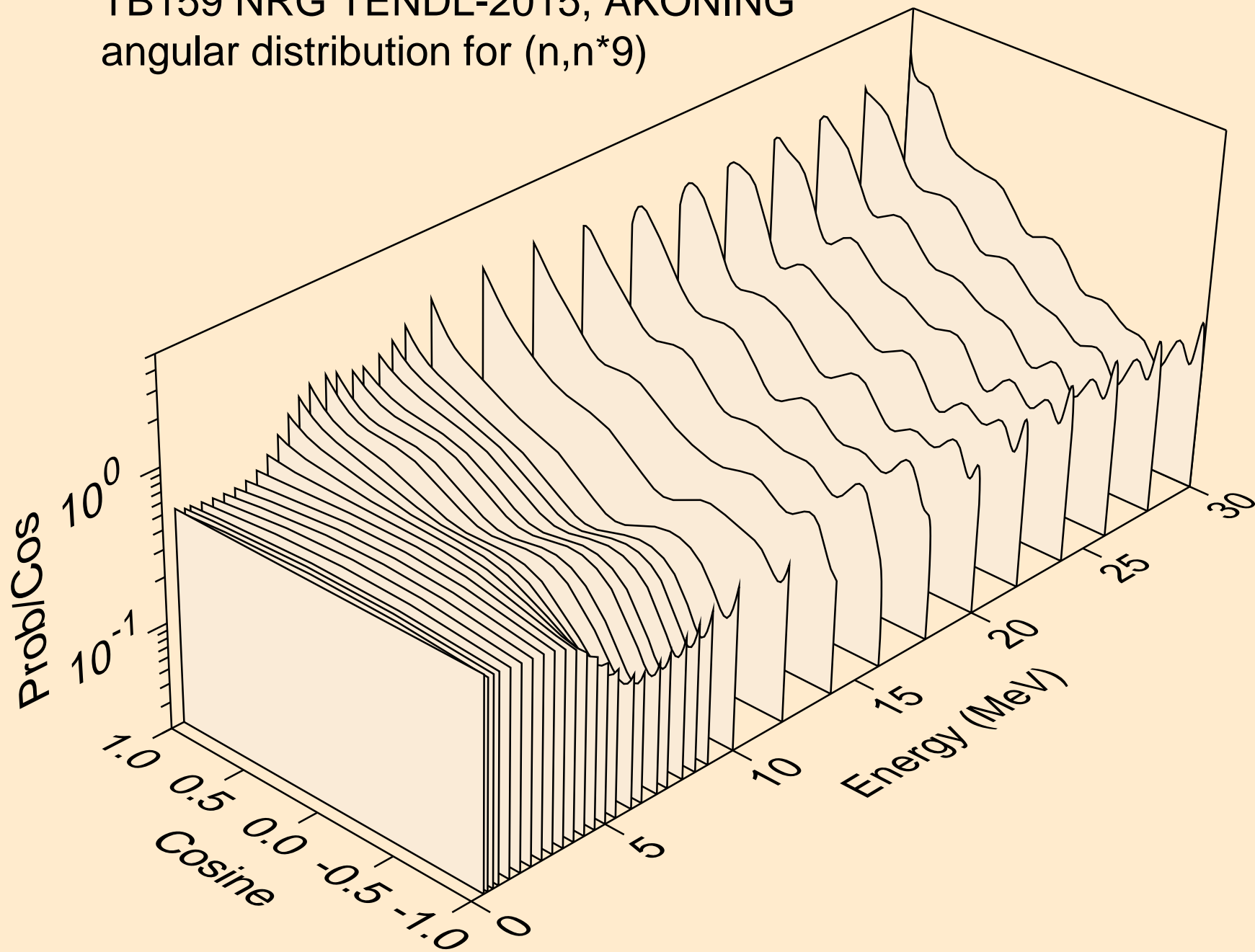
TB159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



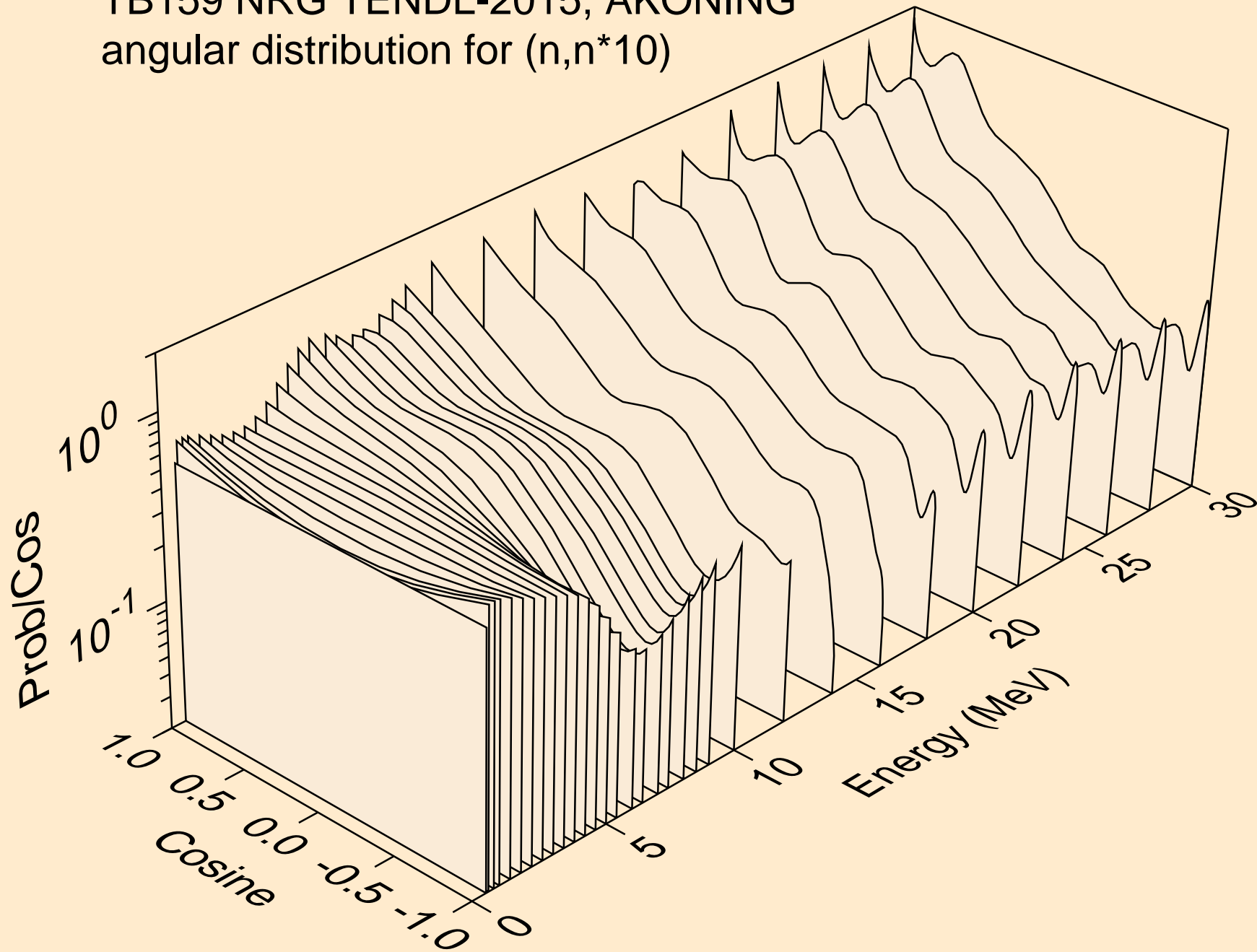
TB159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



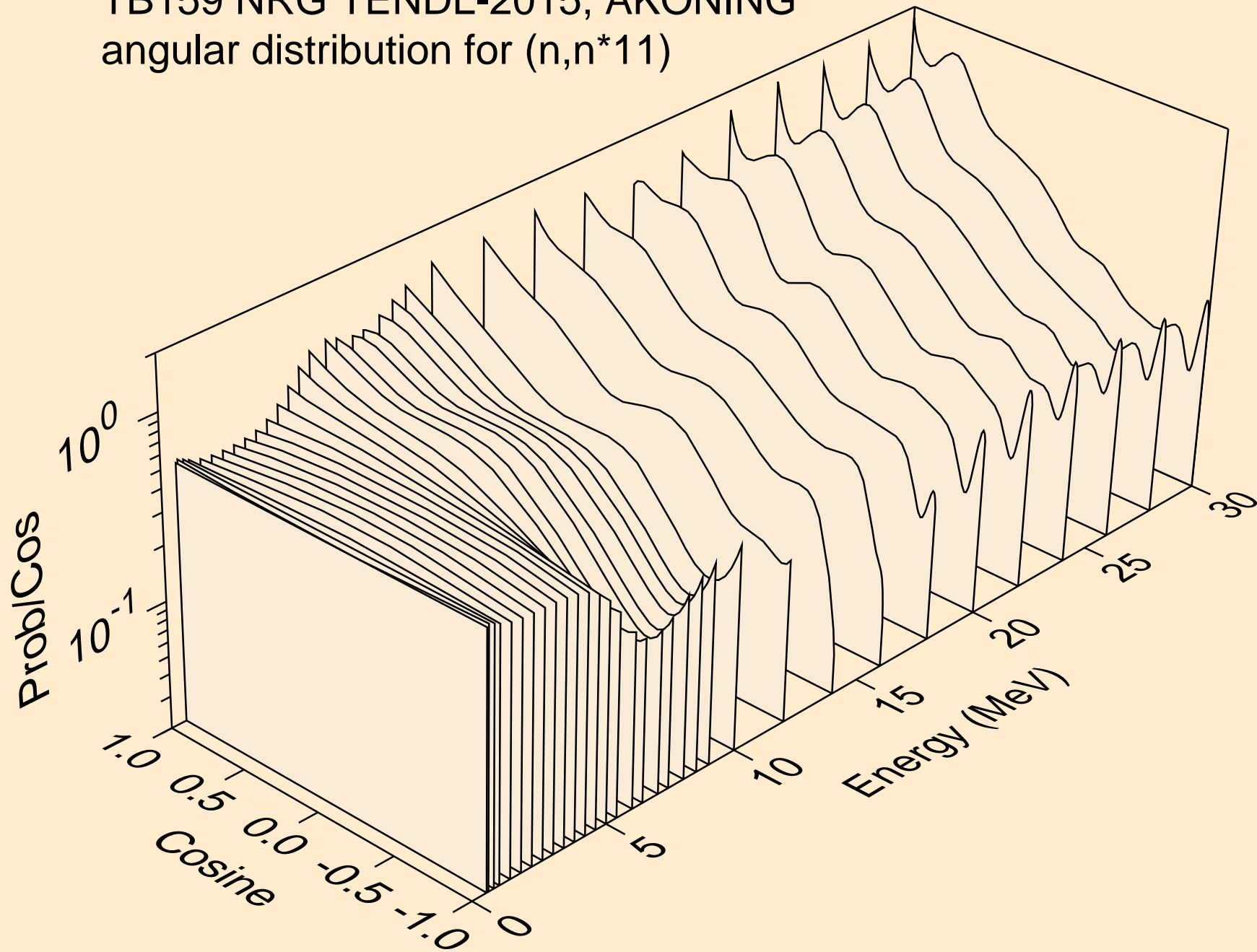
TB159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



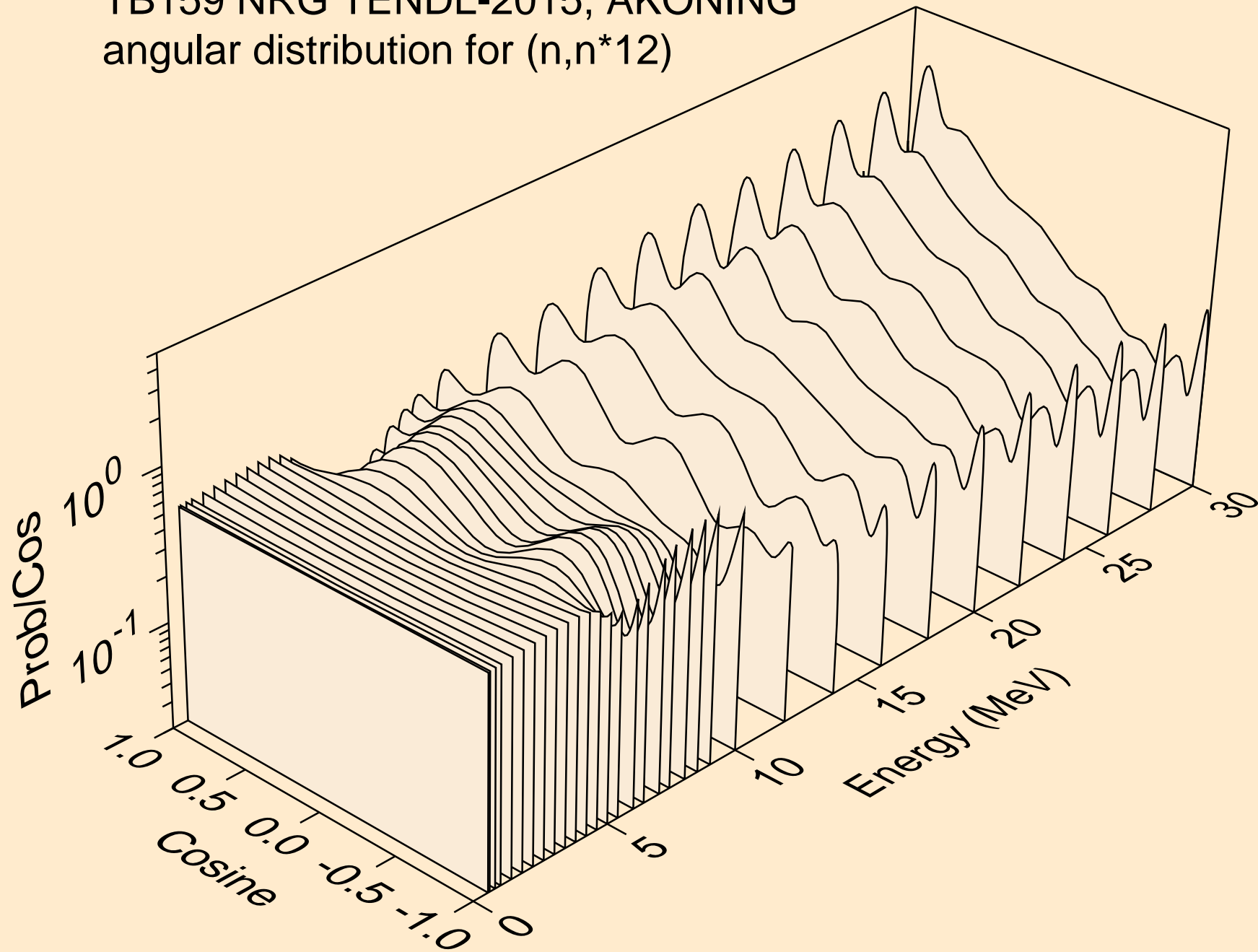
TB159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



TB159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)

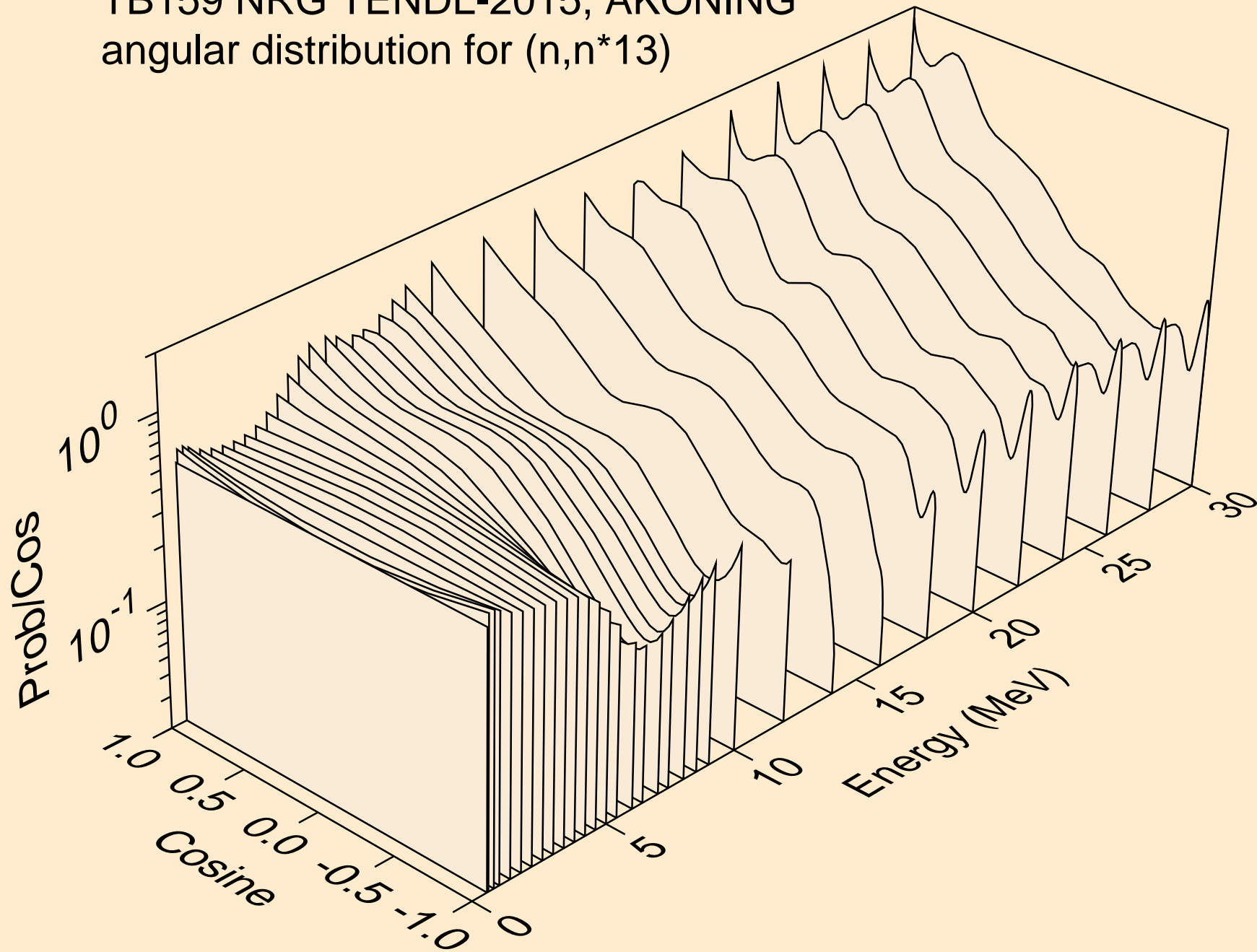


TB159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)

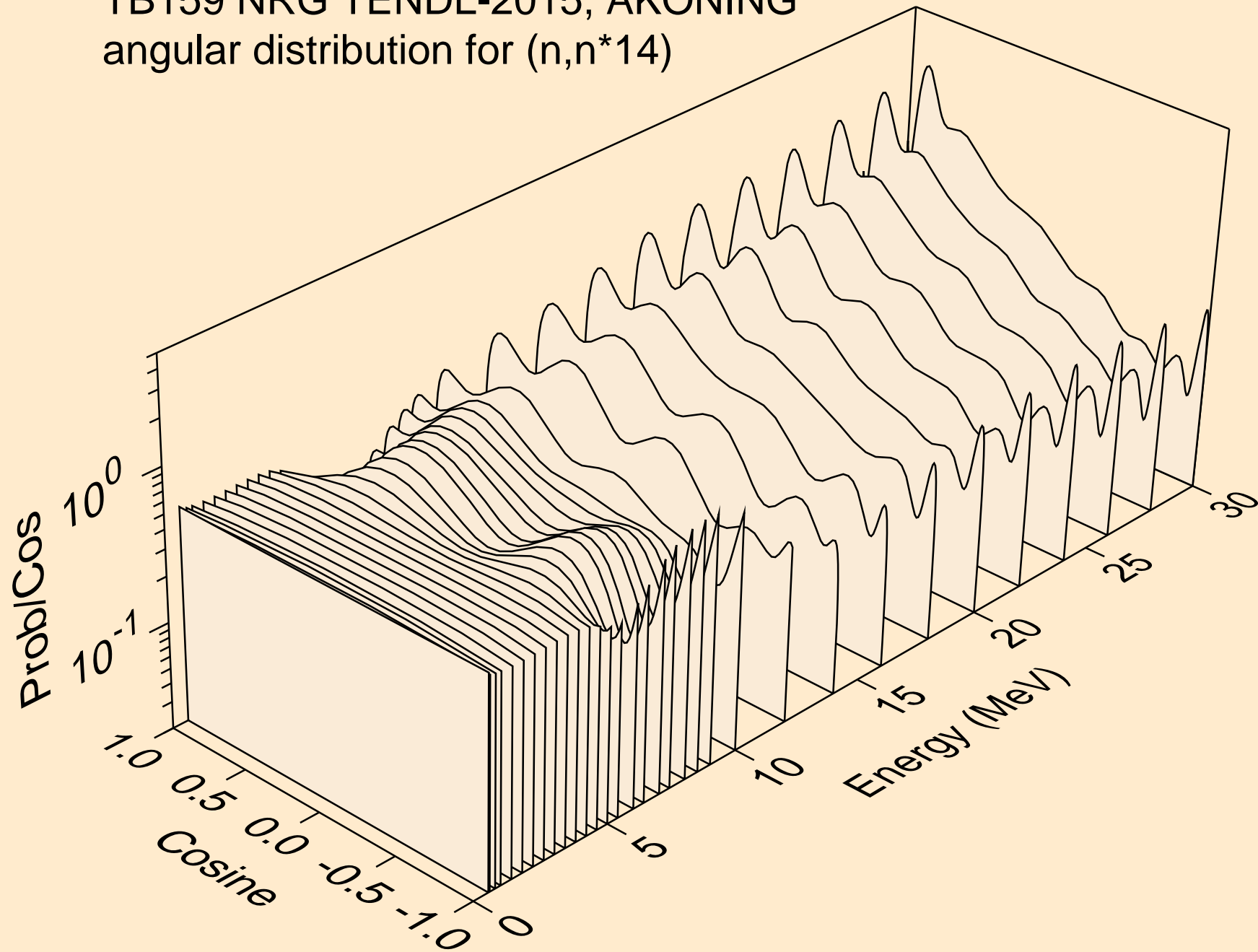




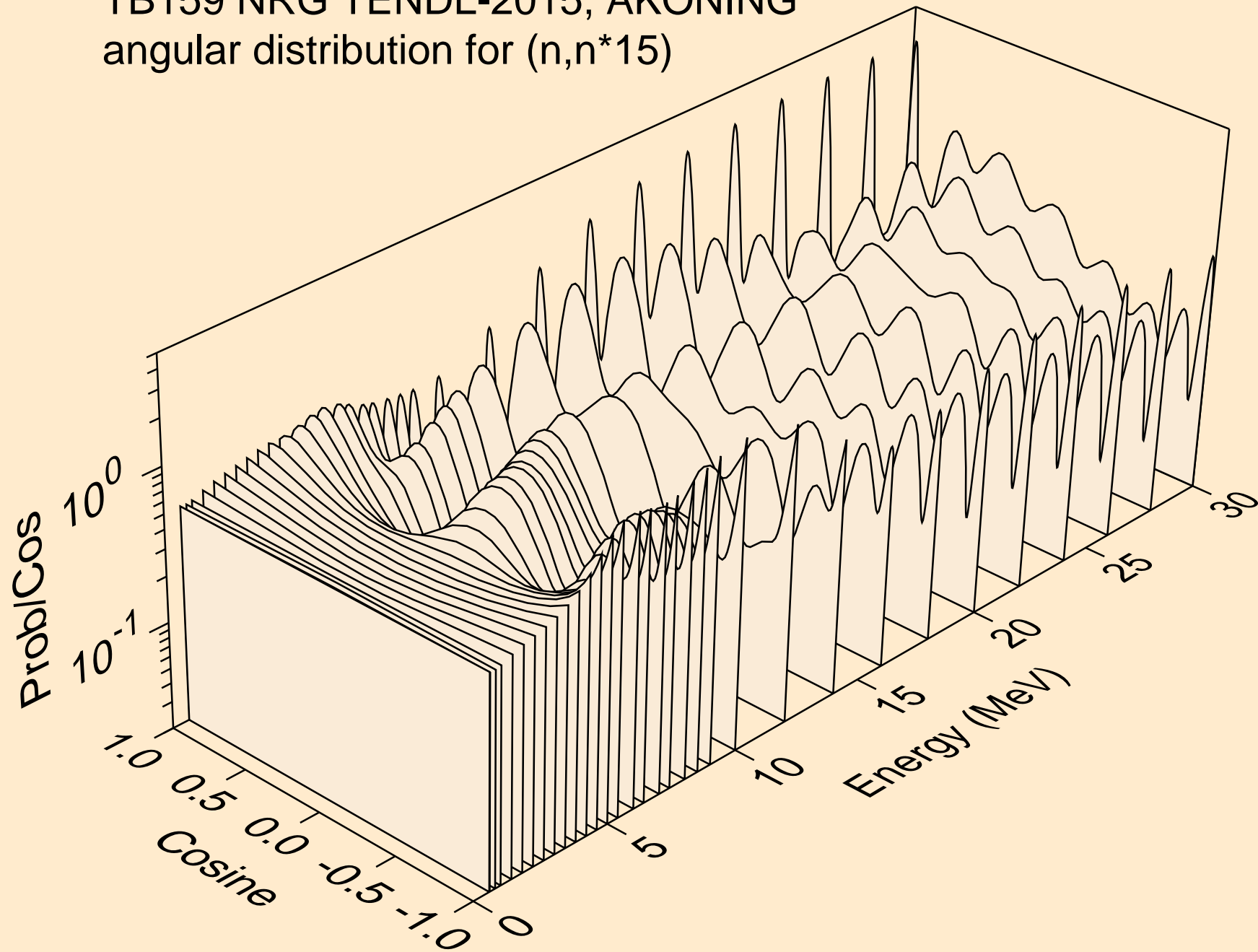
TB159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



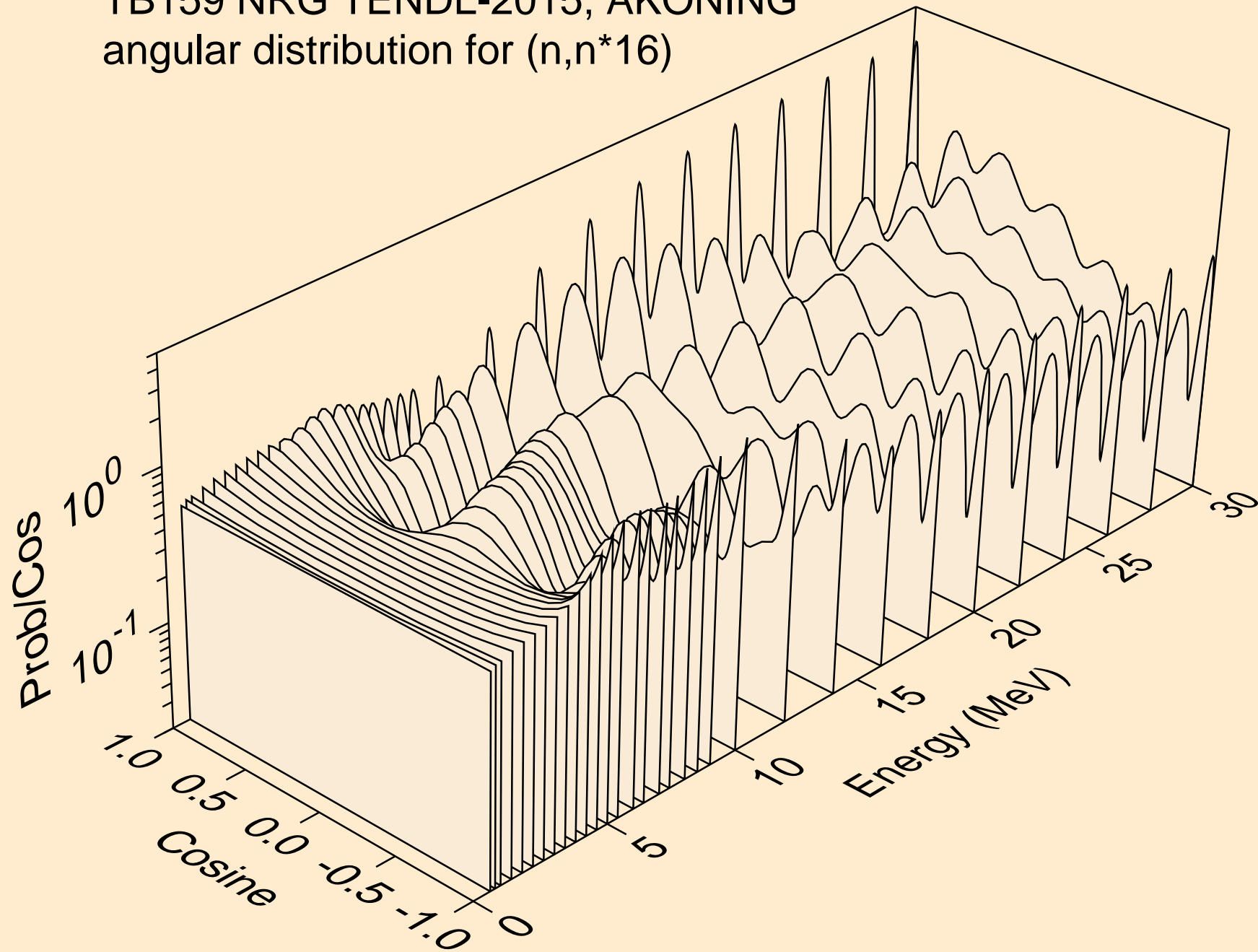
TB159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



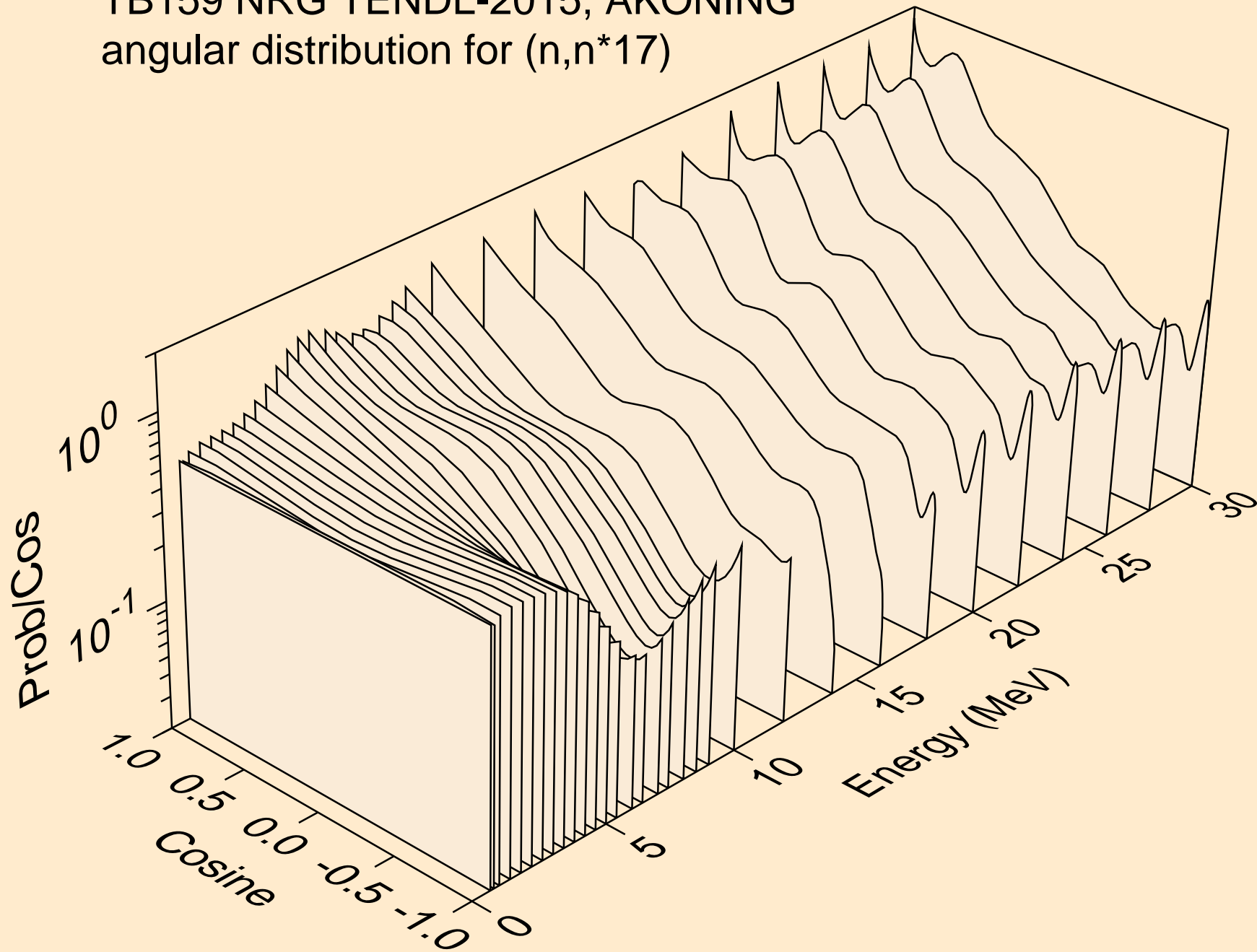
TB159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



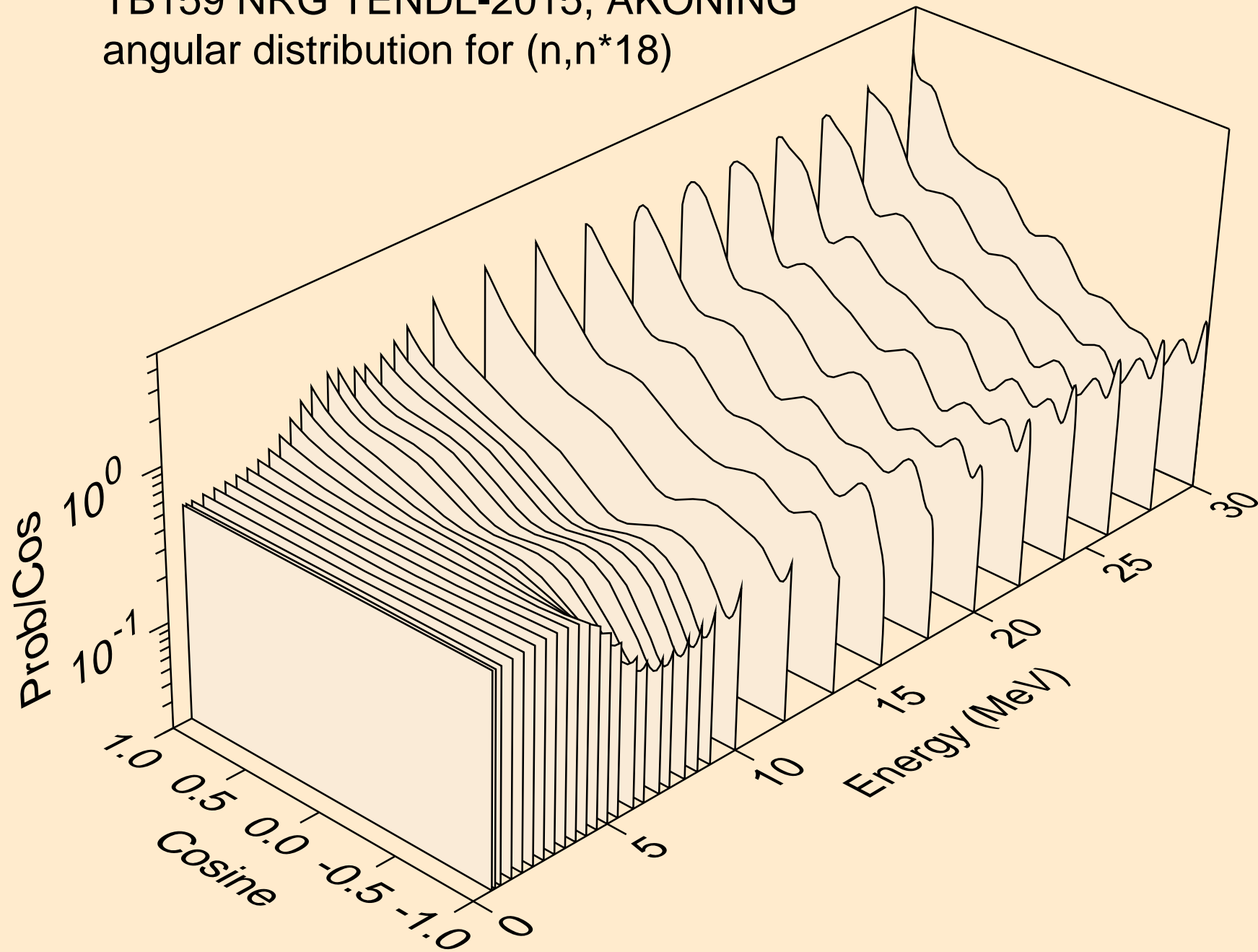
TB159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



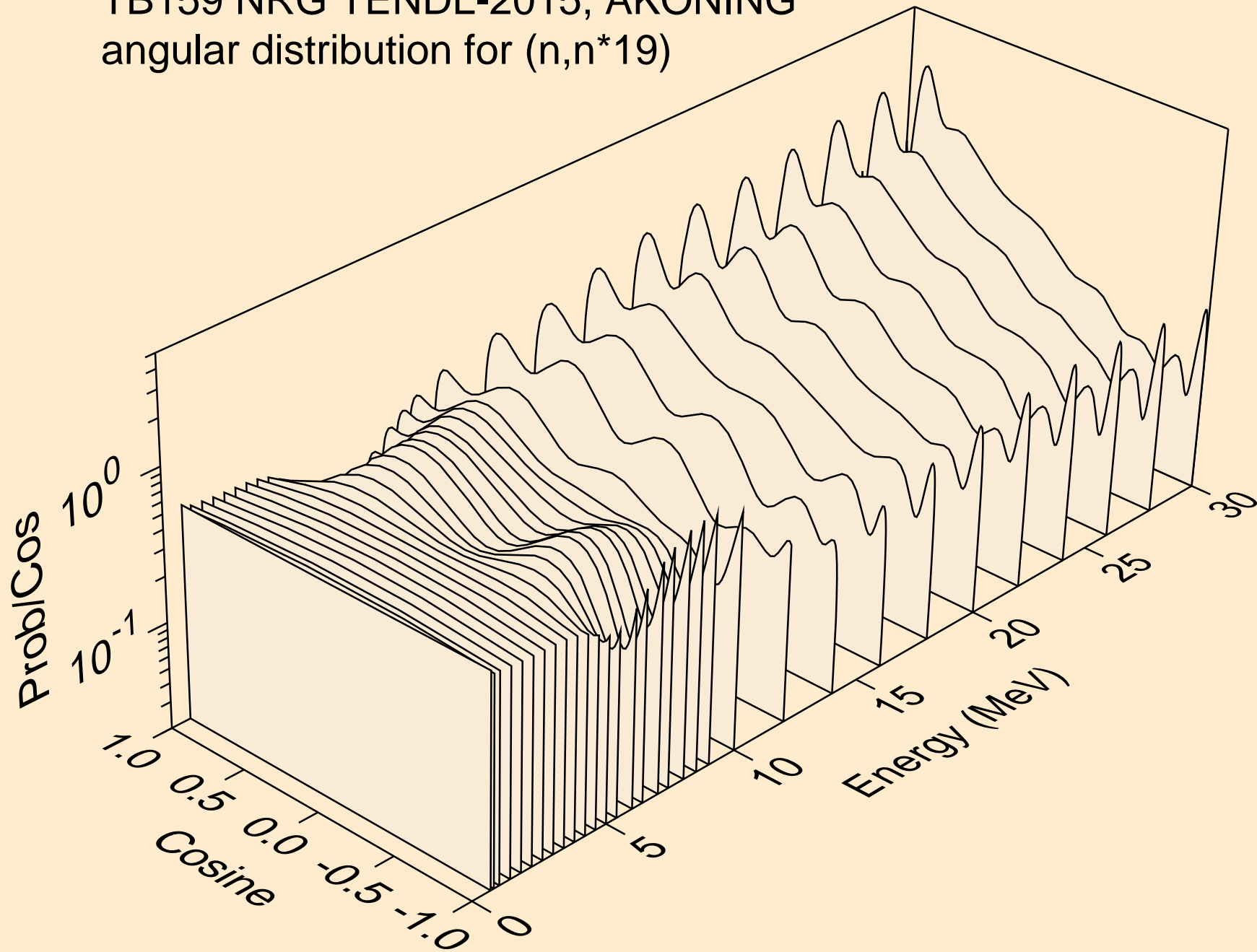
TB159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



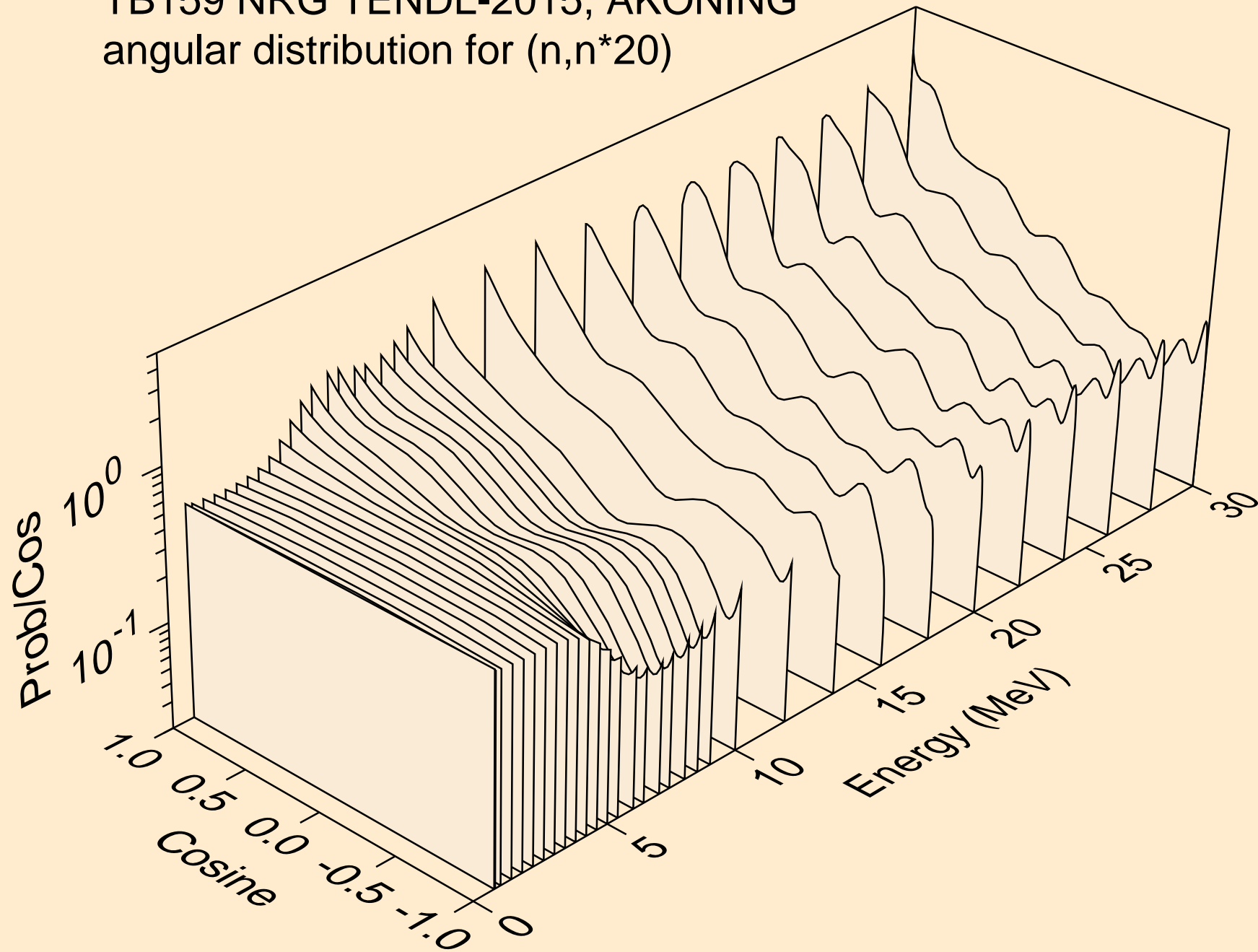
TB159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



TB159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)

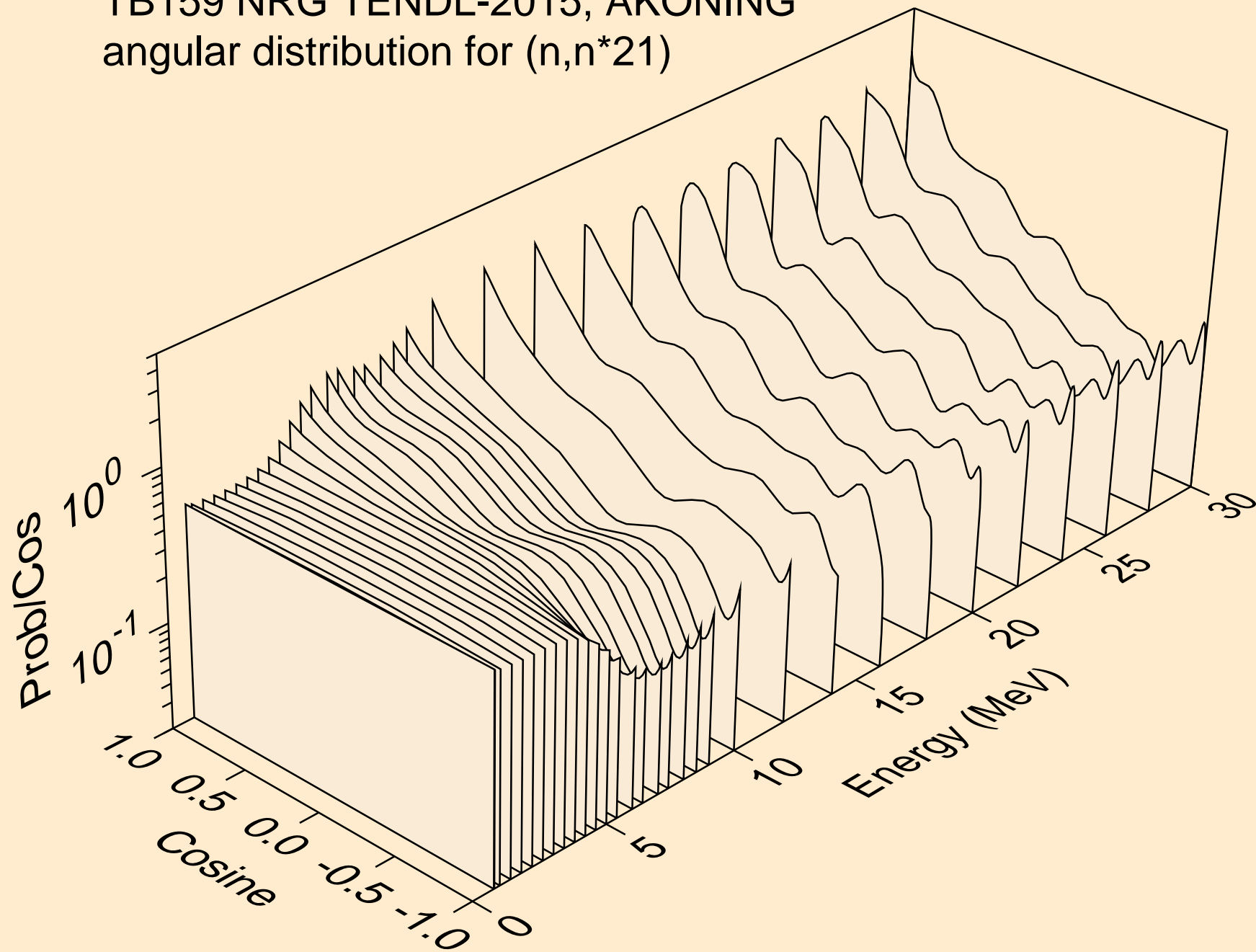


TB159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)

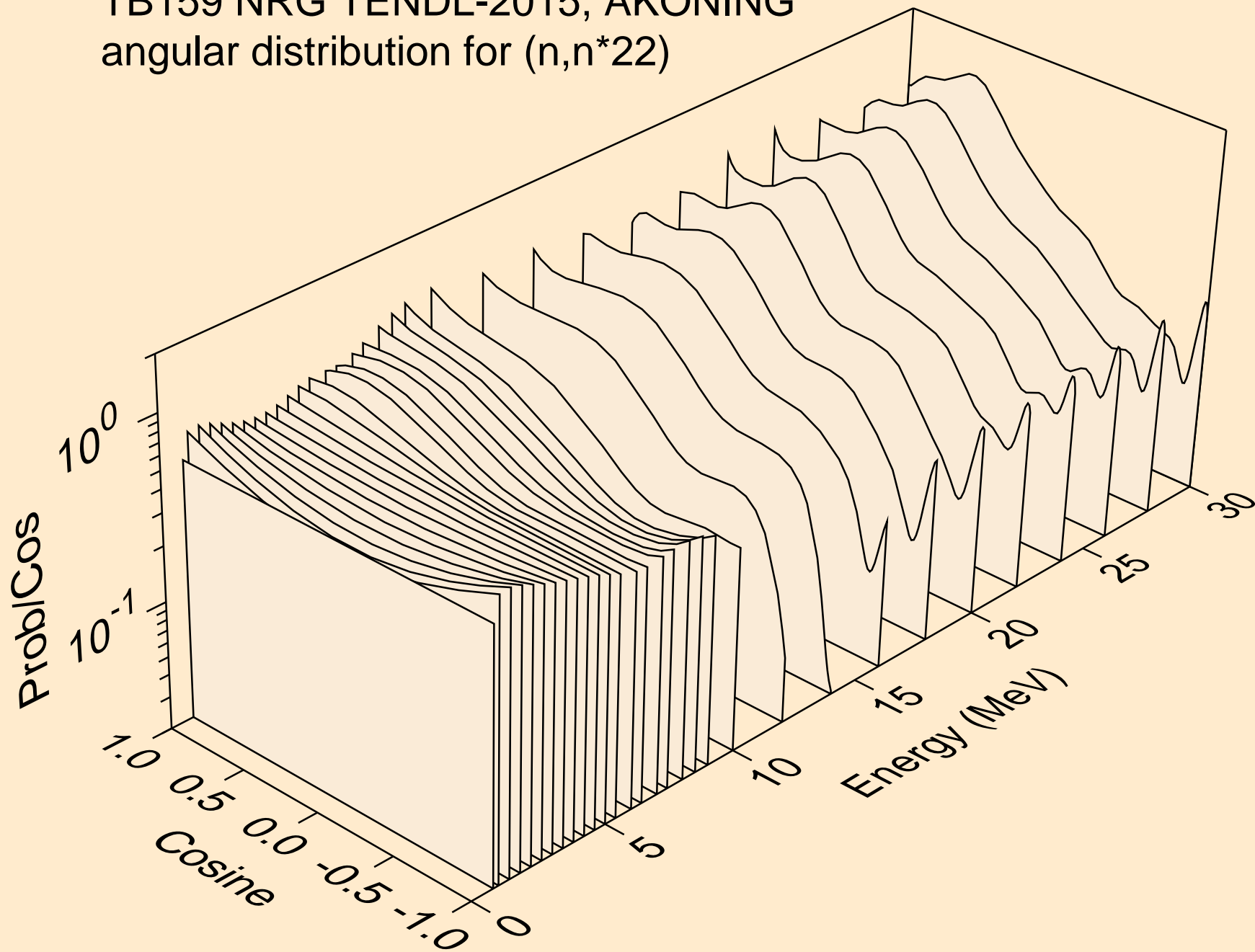




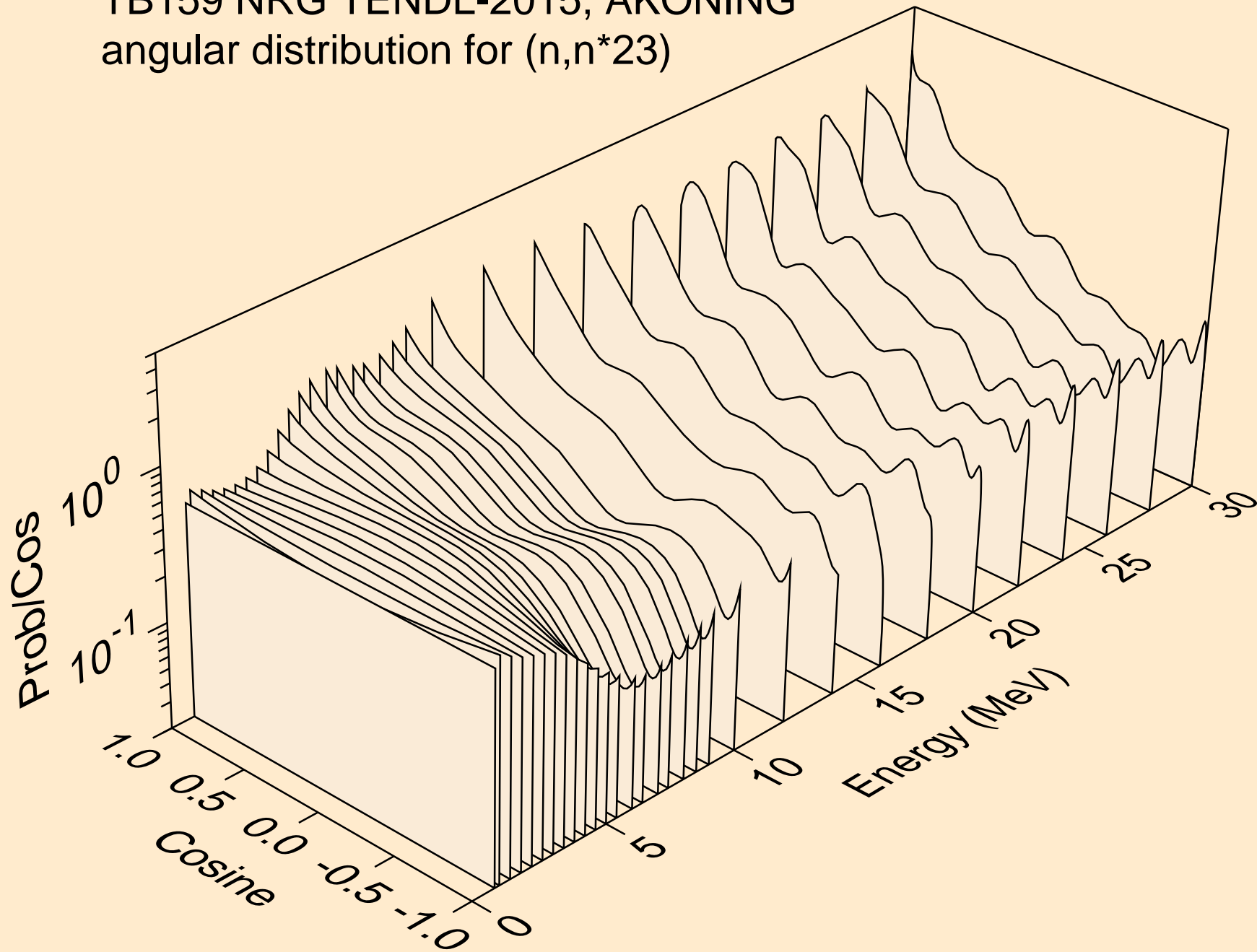
TB159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



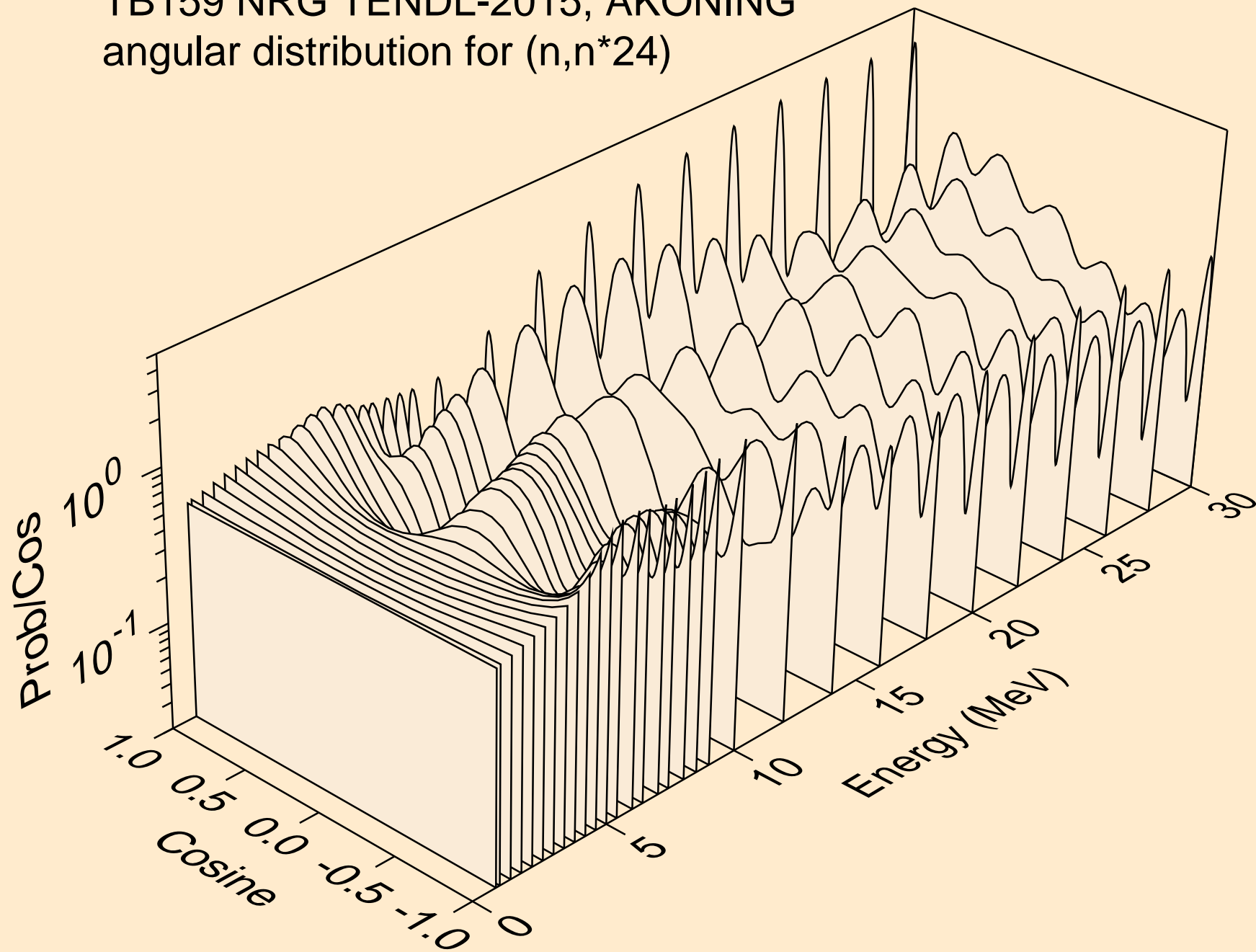
TB159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



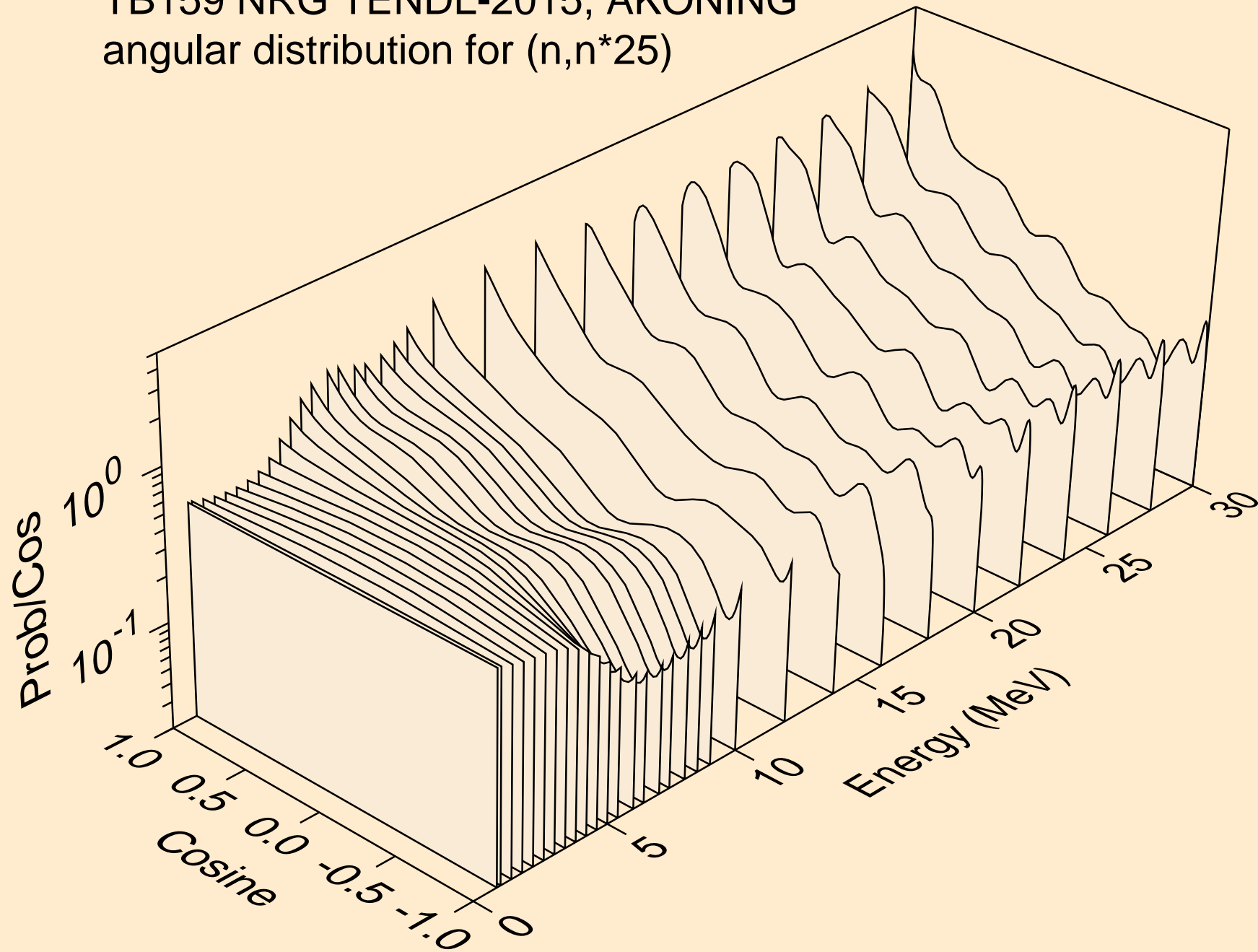
TB159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



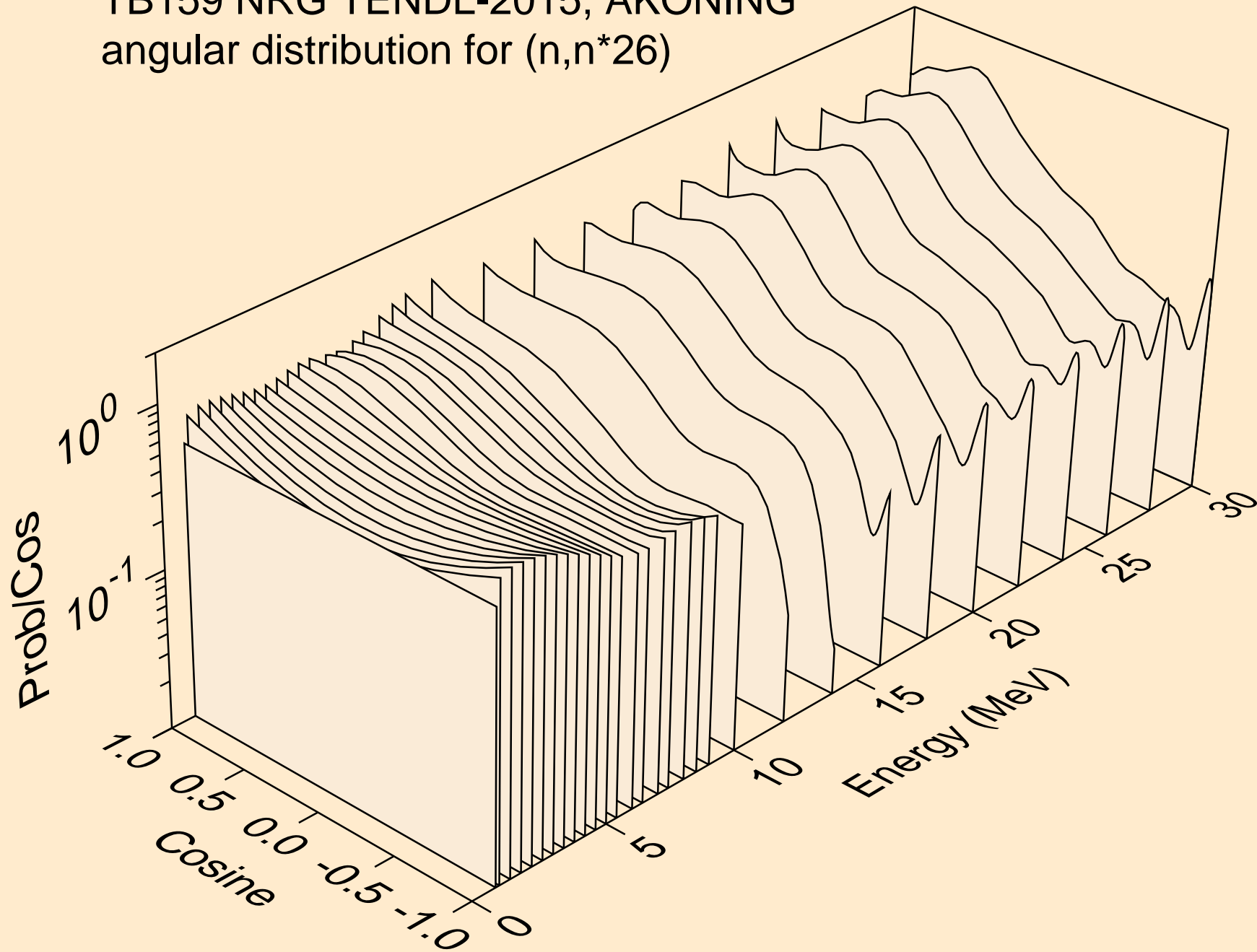
TB159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



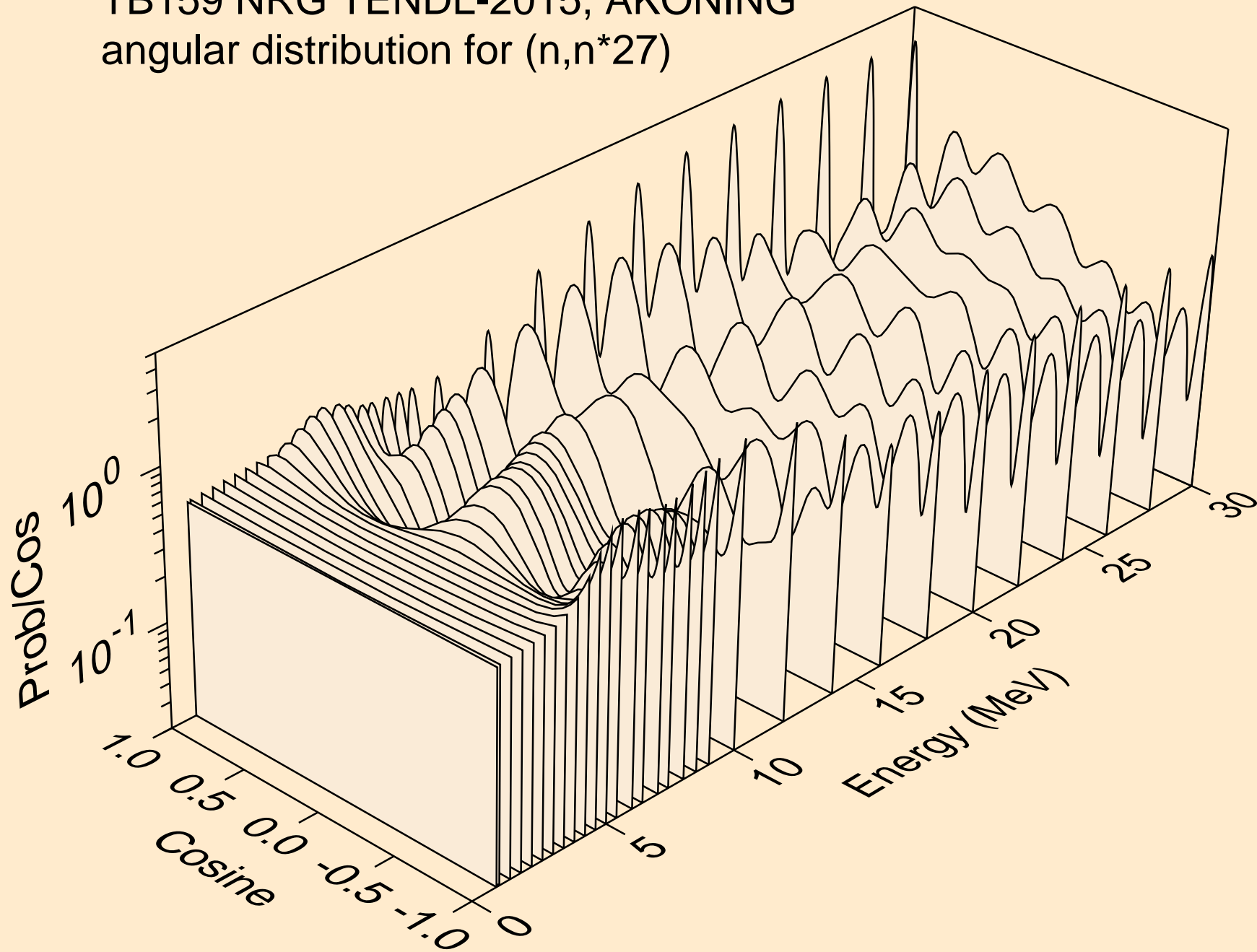
TB159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



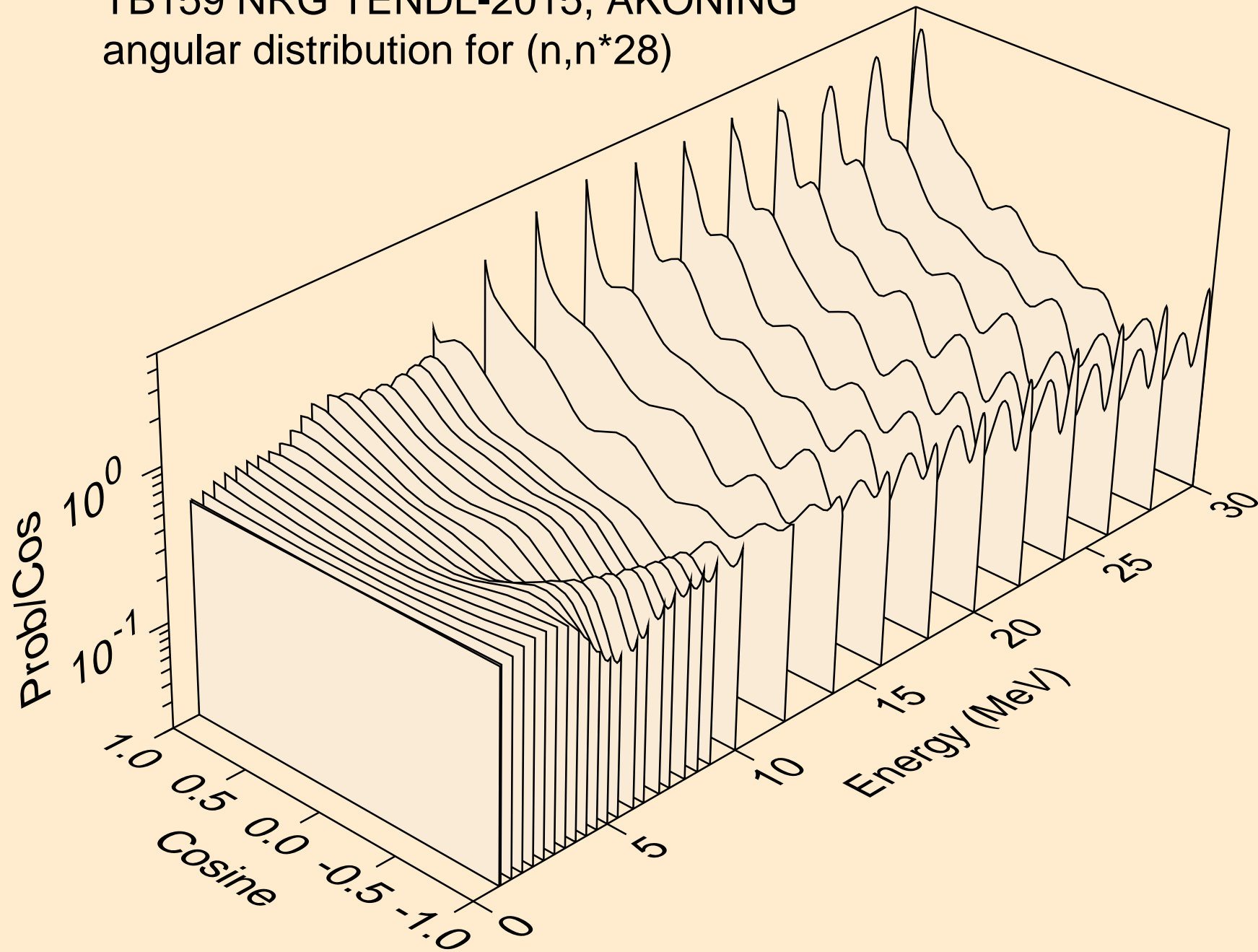
TB159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



TB159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)

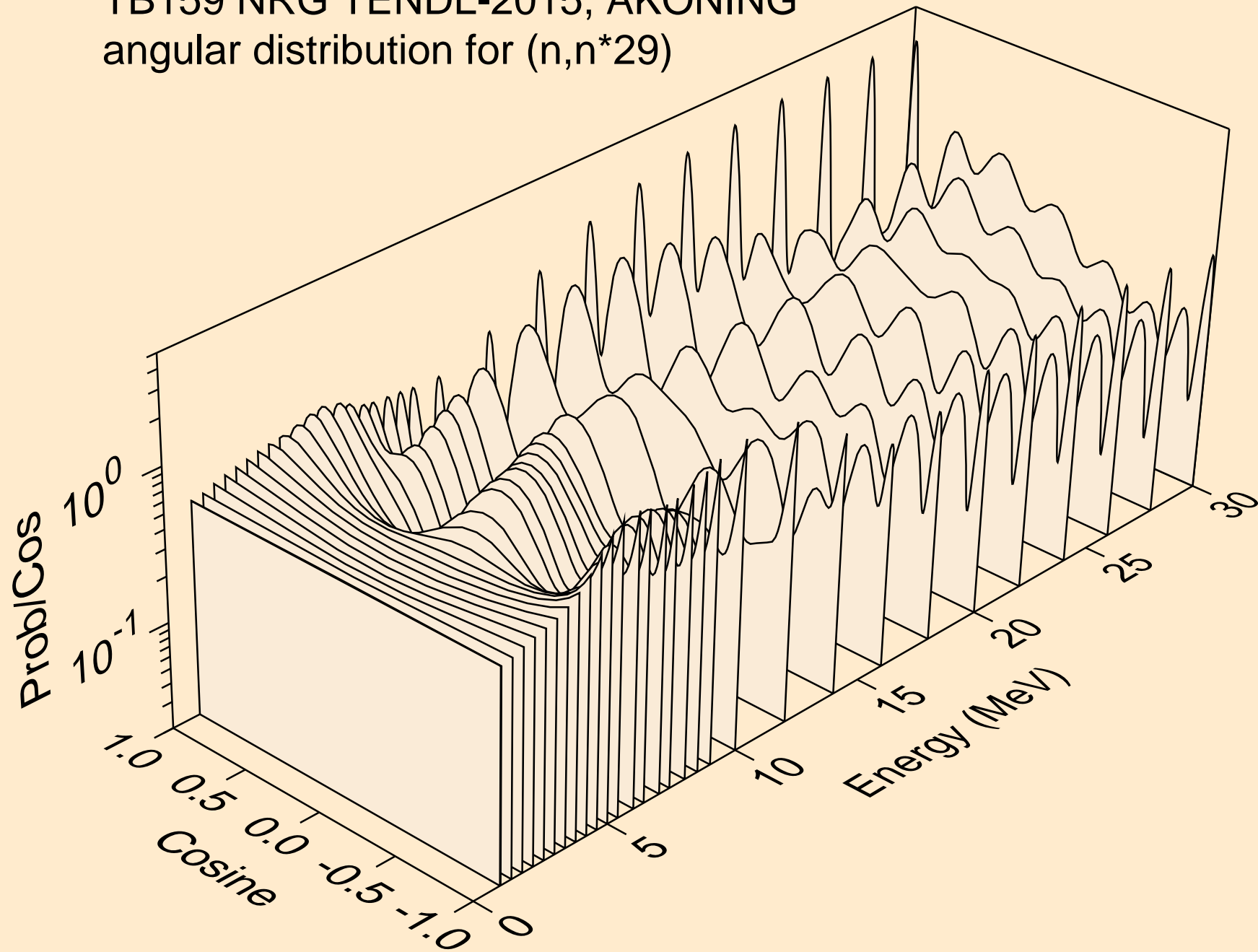


TB159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)

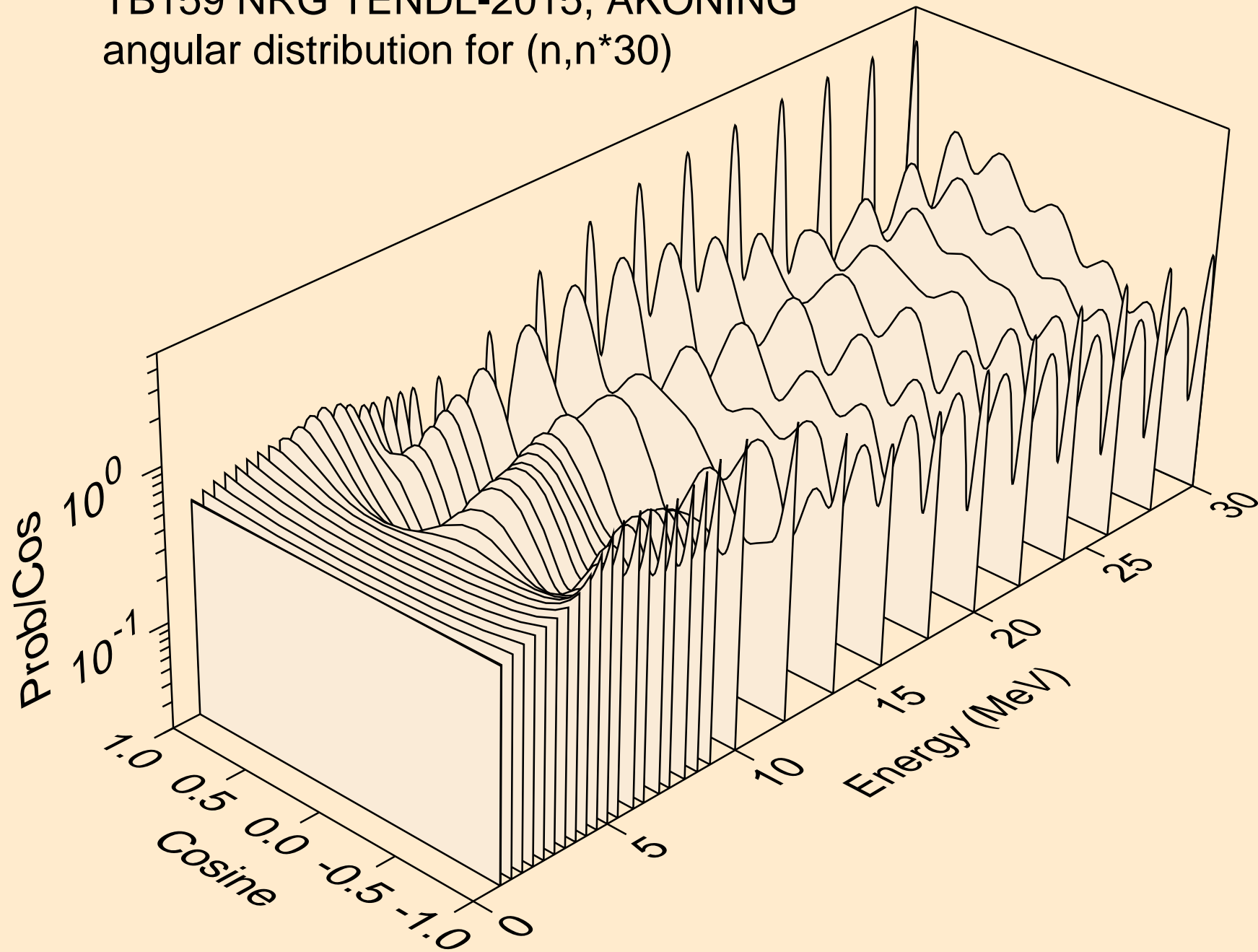




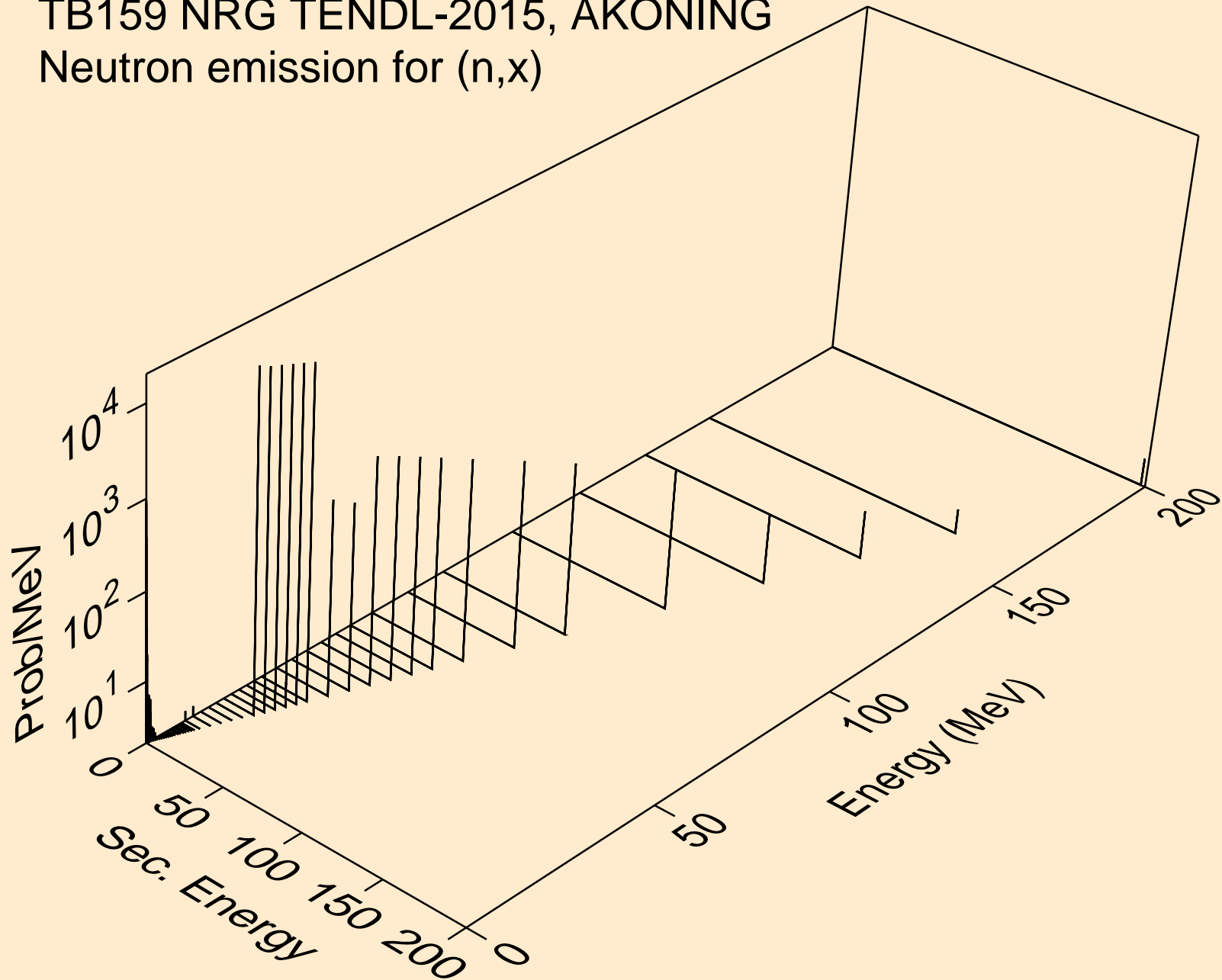
TB159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)



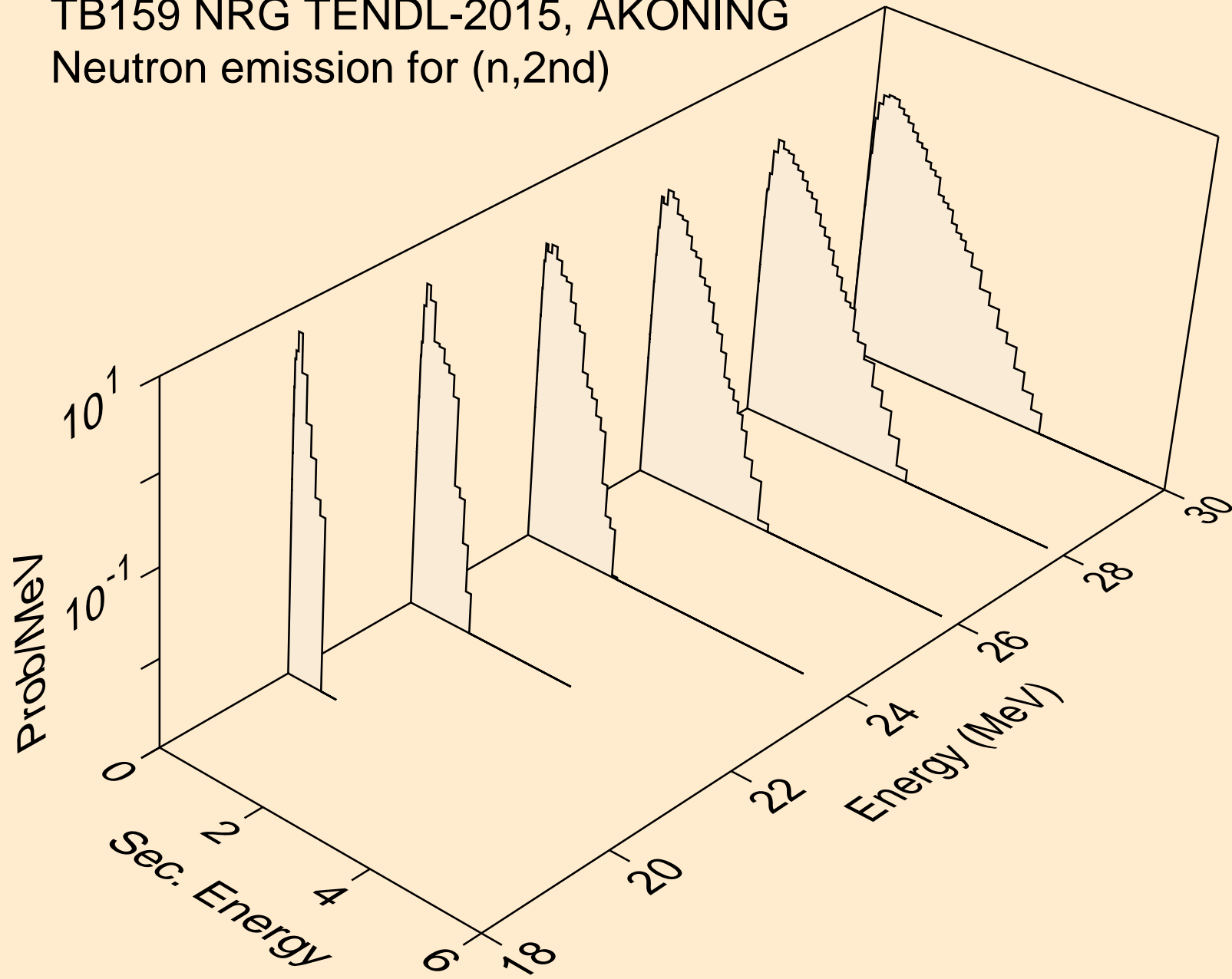
TB159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)



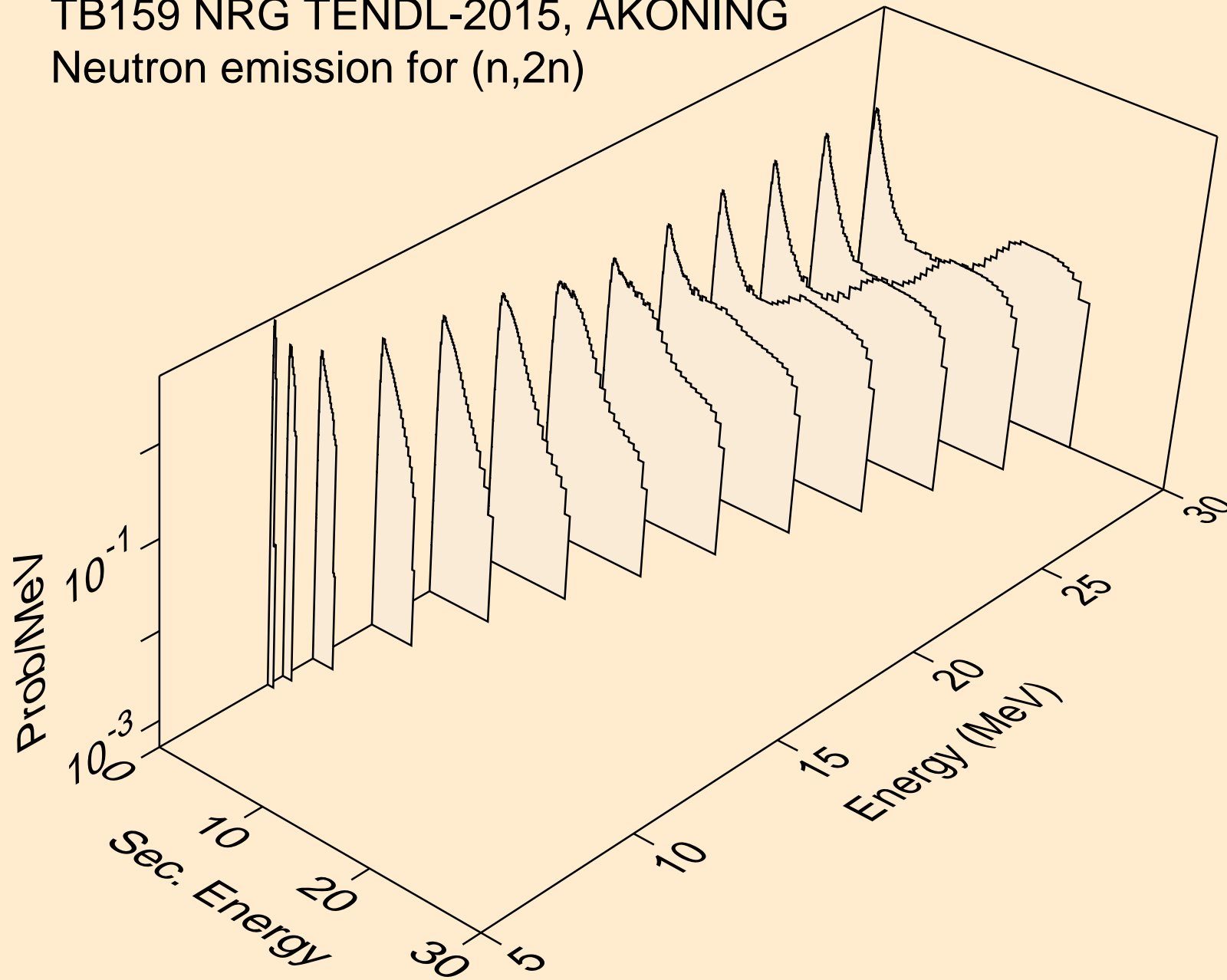
TB159 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



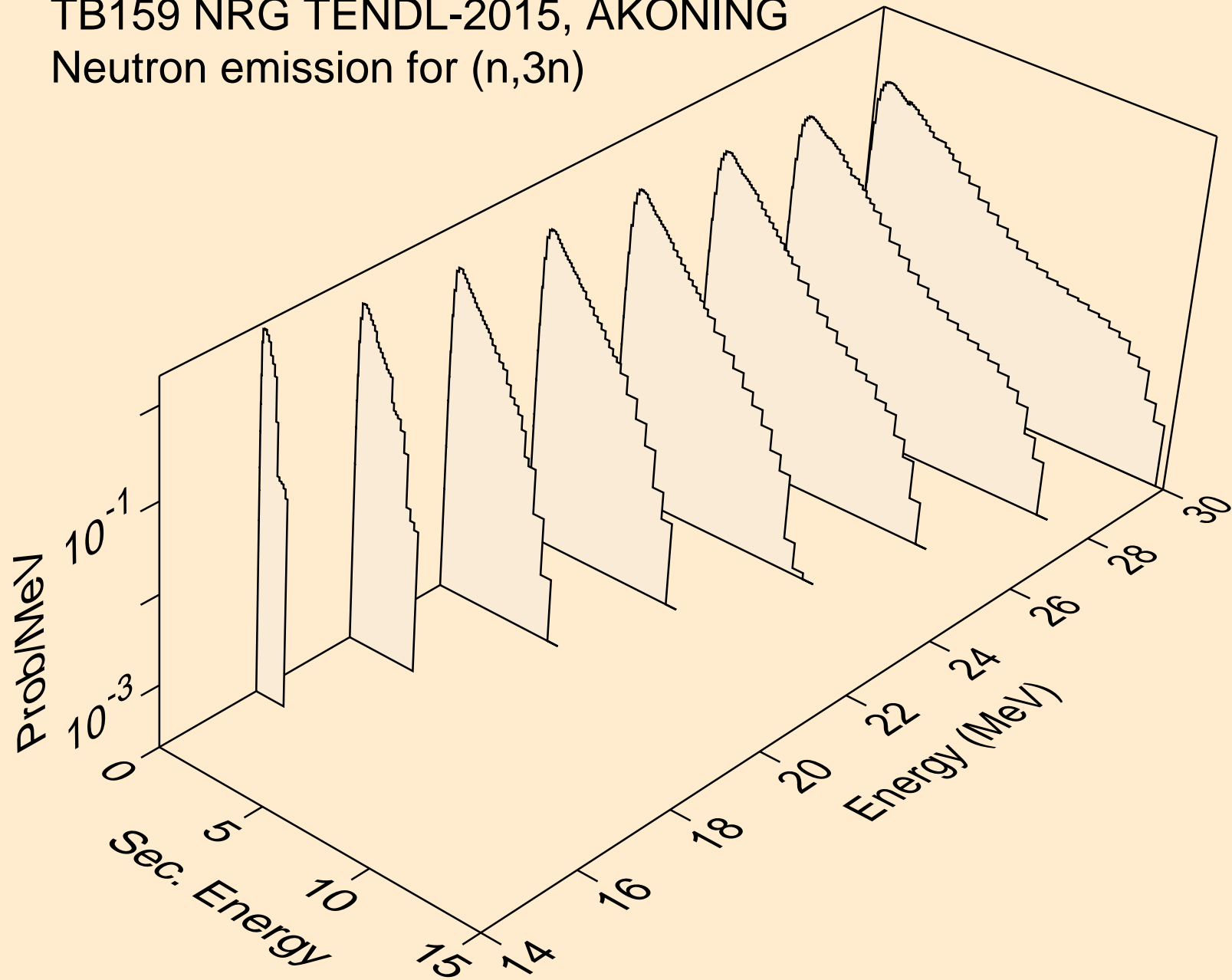
TB159 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



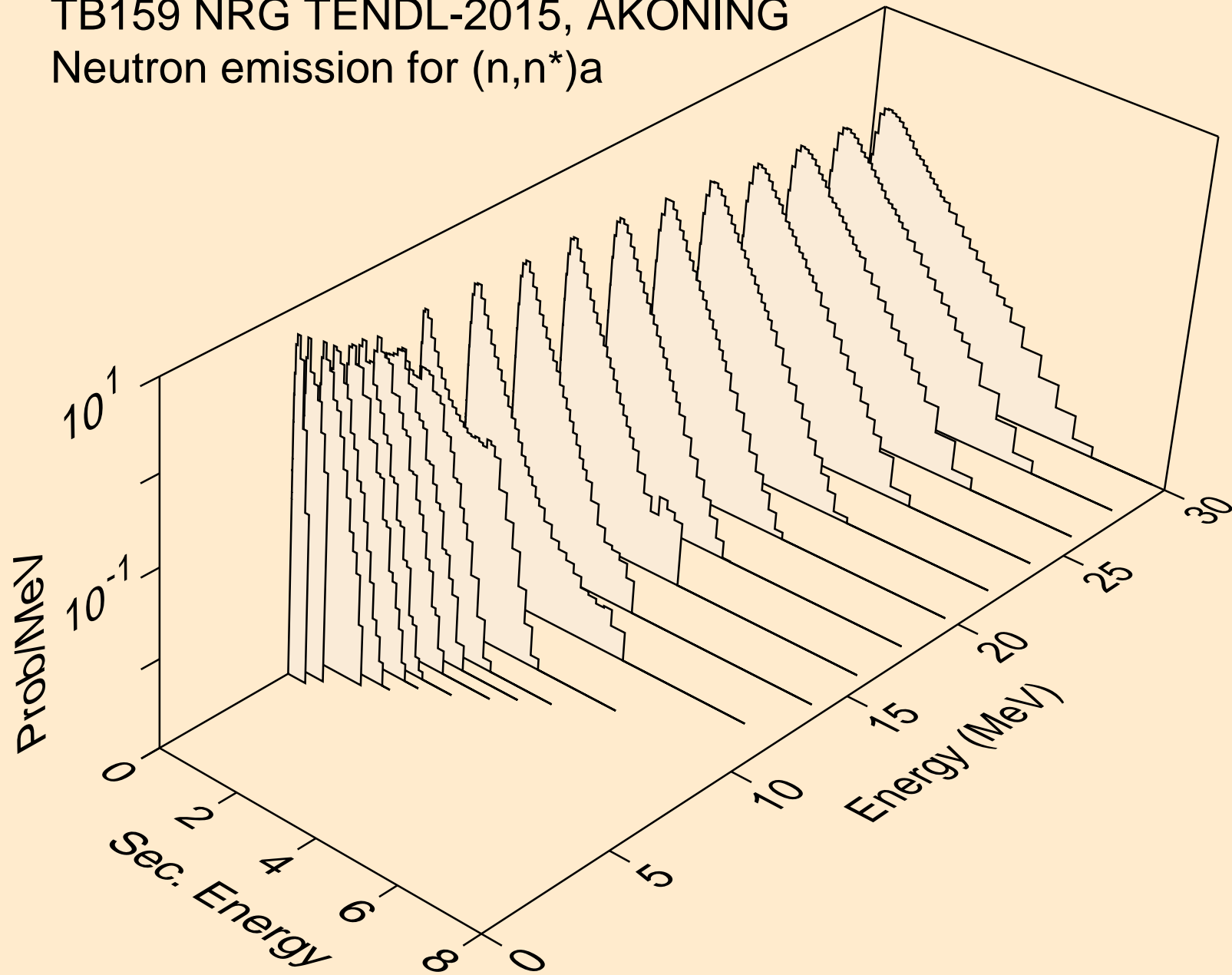
TB159 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



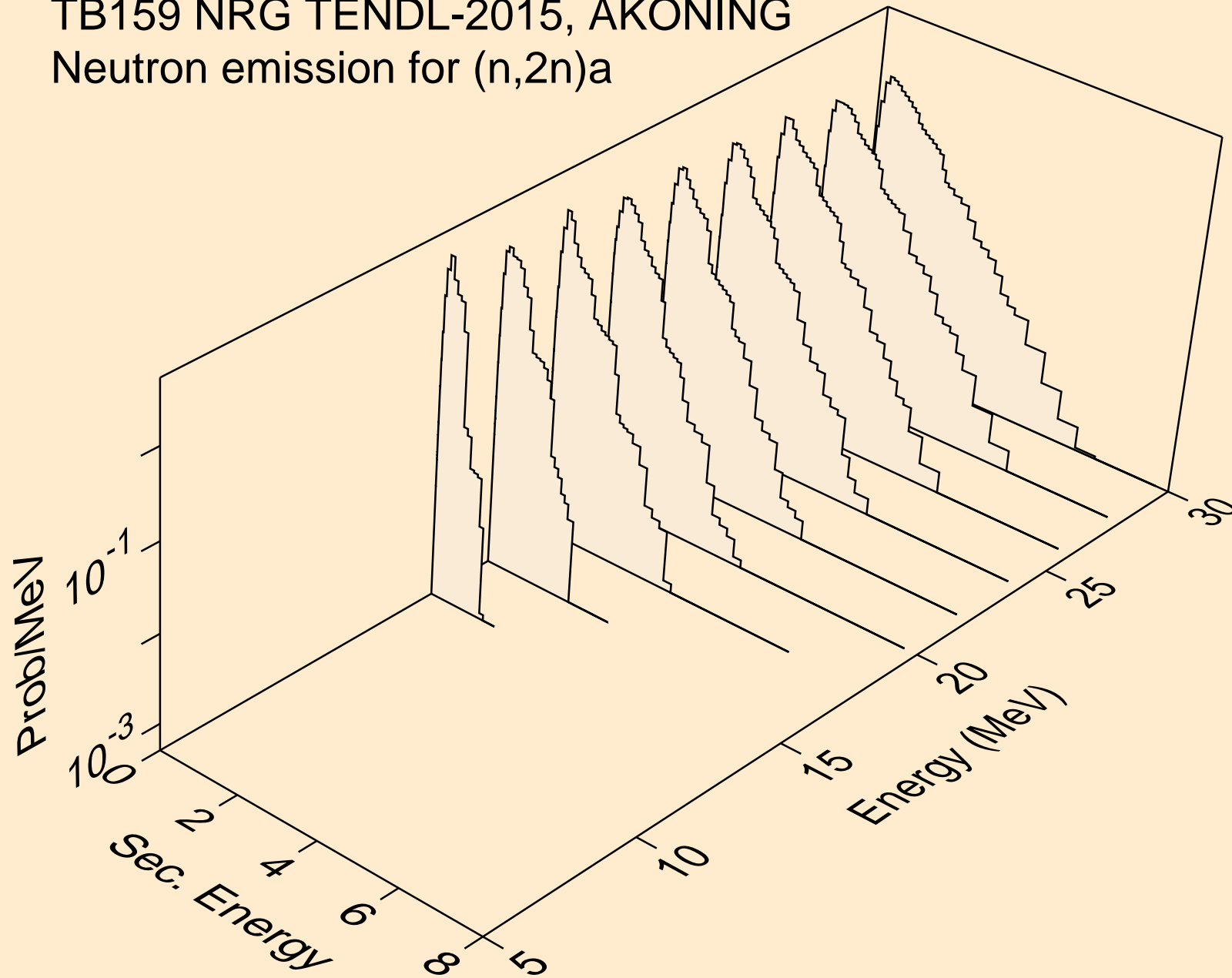
TB159 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



TB159 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a

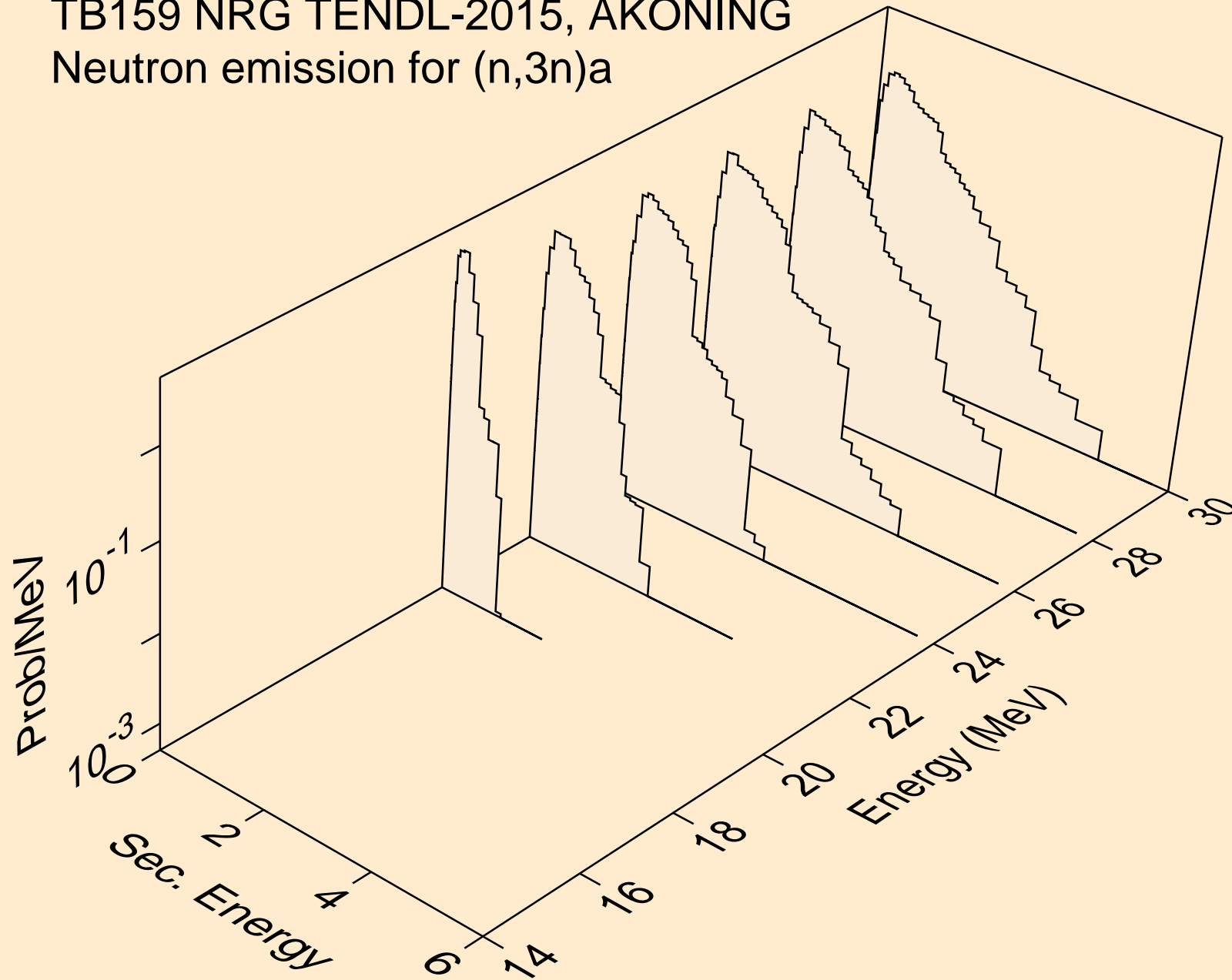


TB159 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a

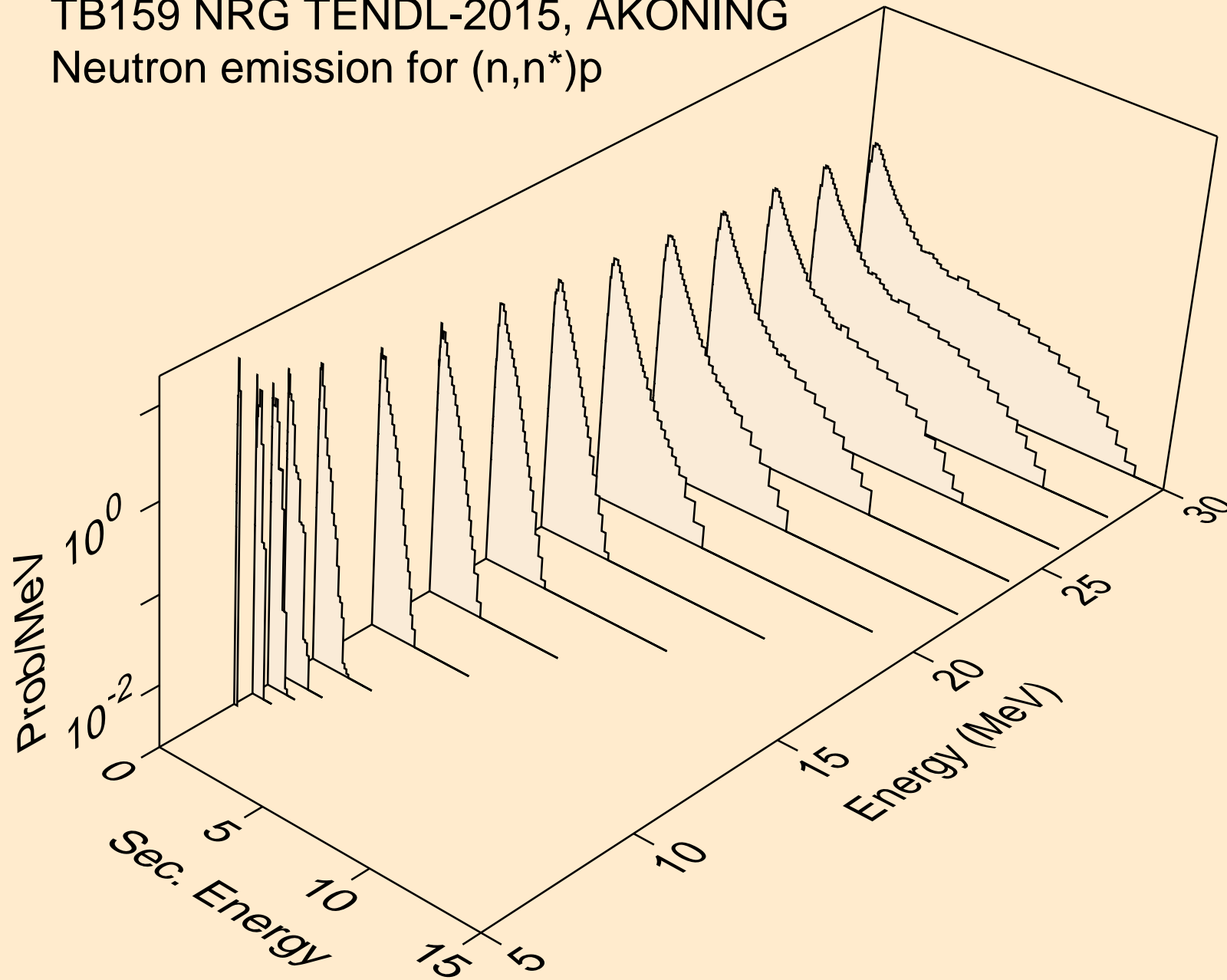




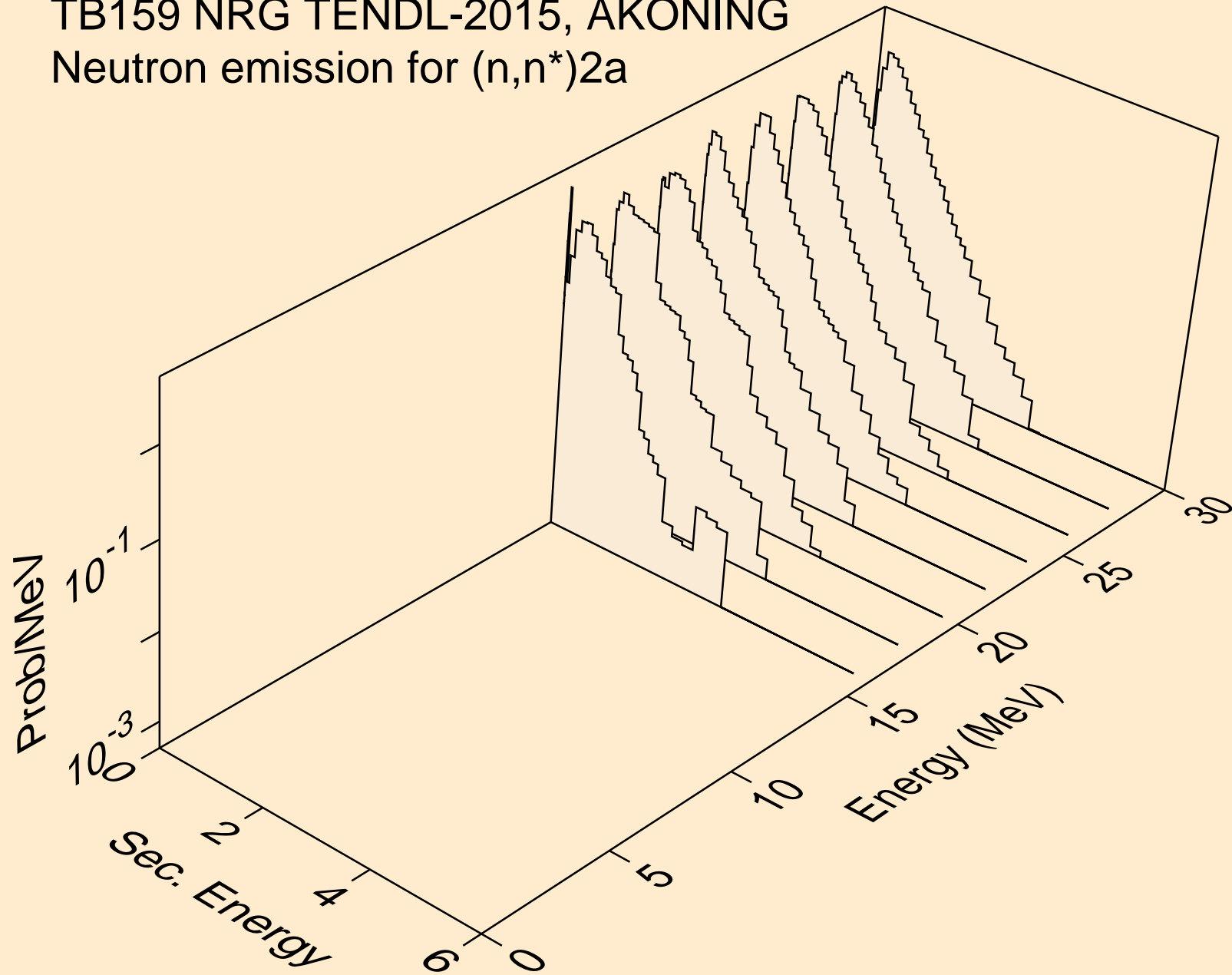
TB159 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



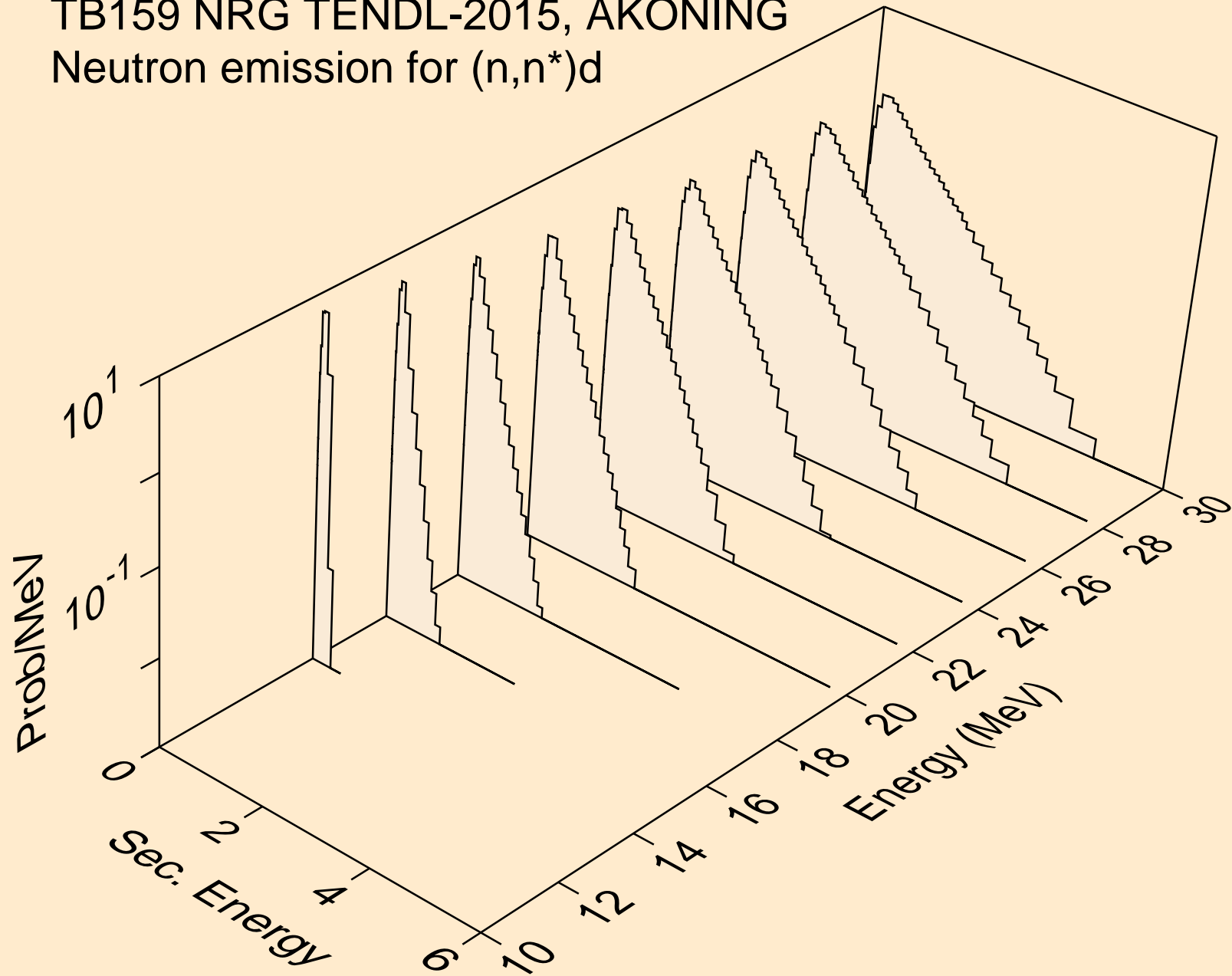
TB159 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



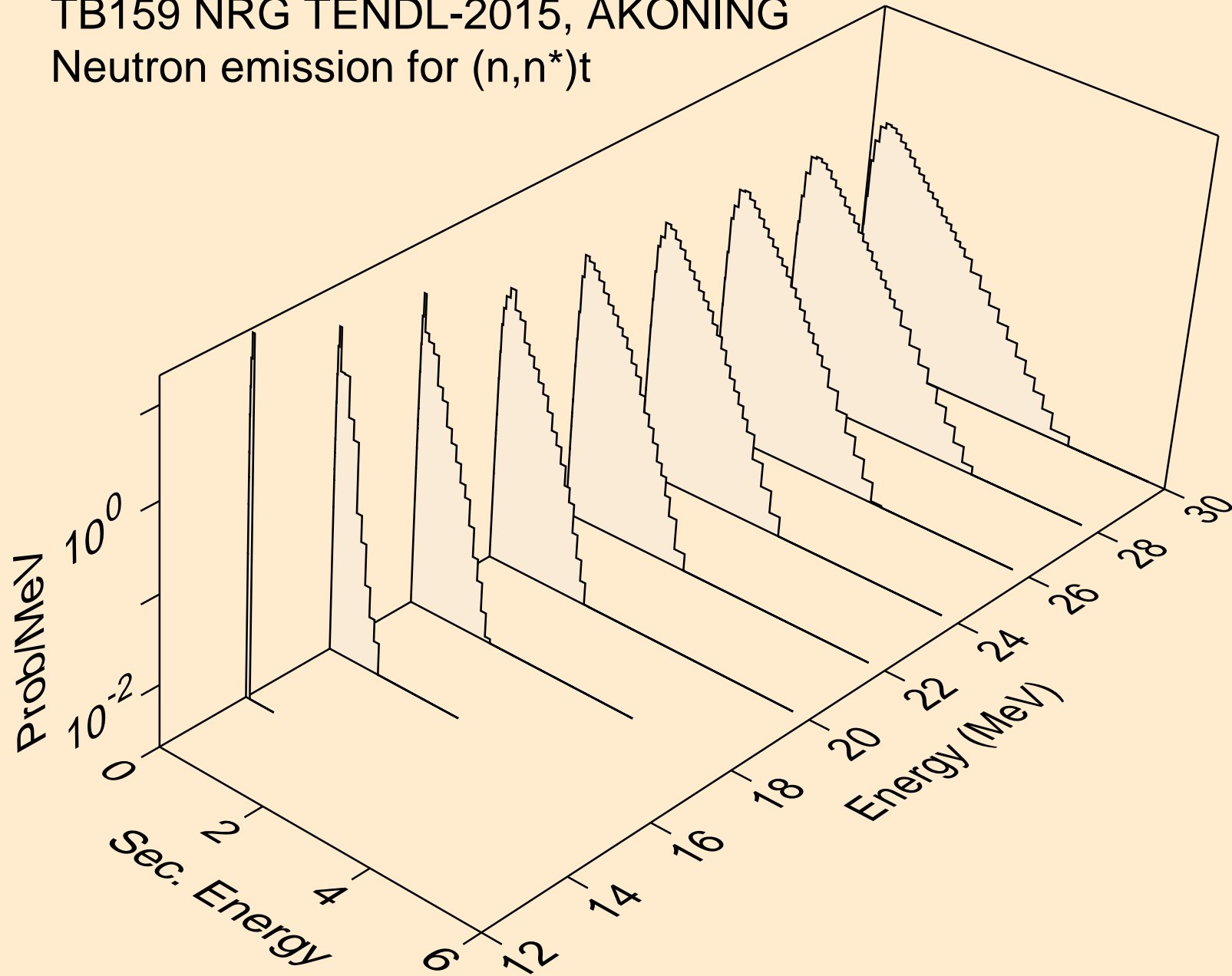
TB159 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



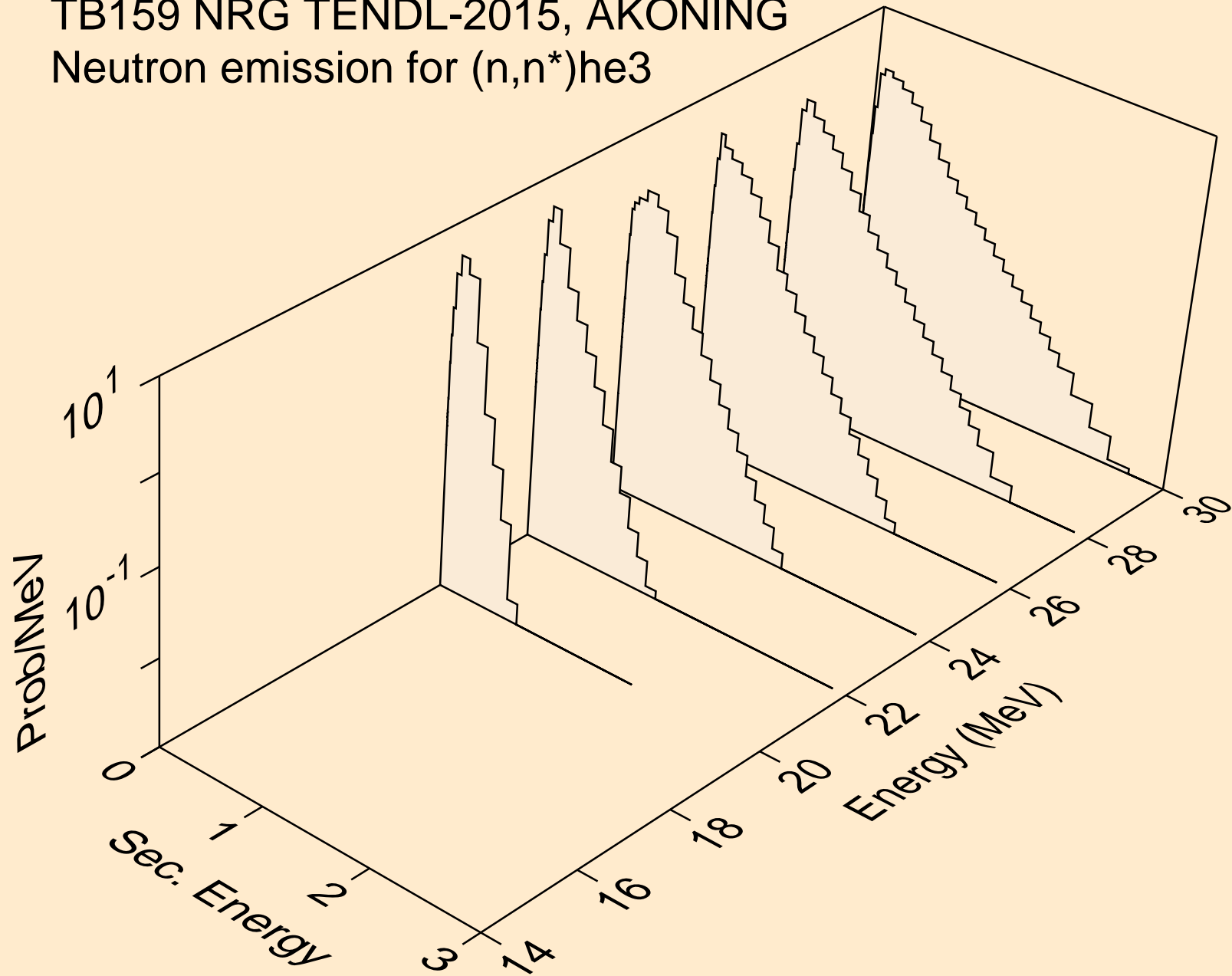
TB159 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



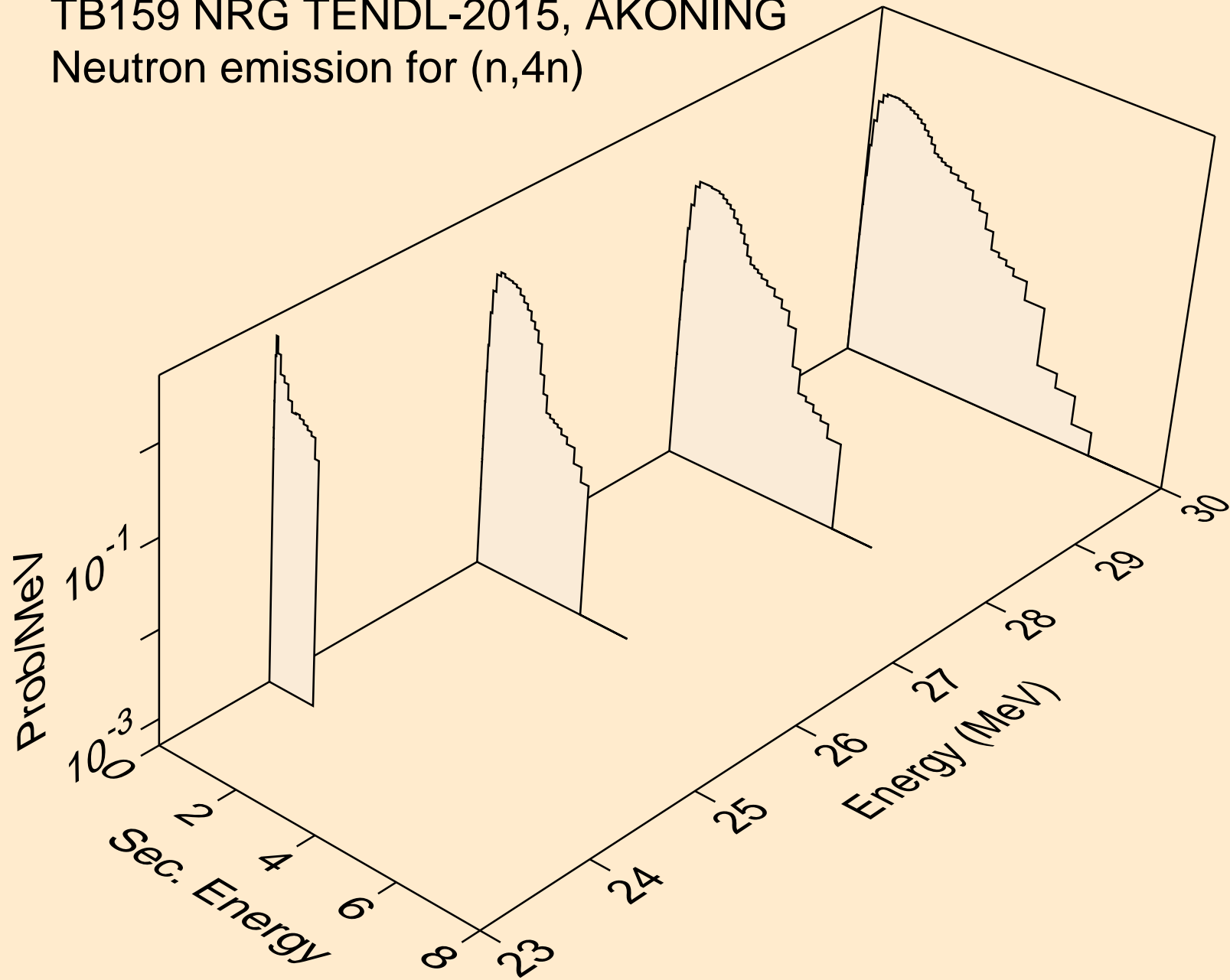
TB159 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



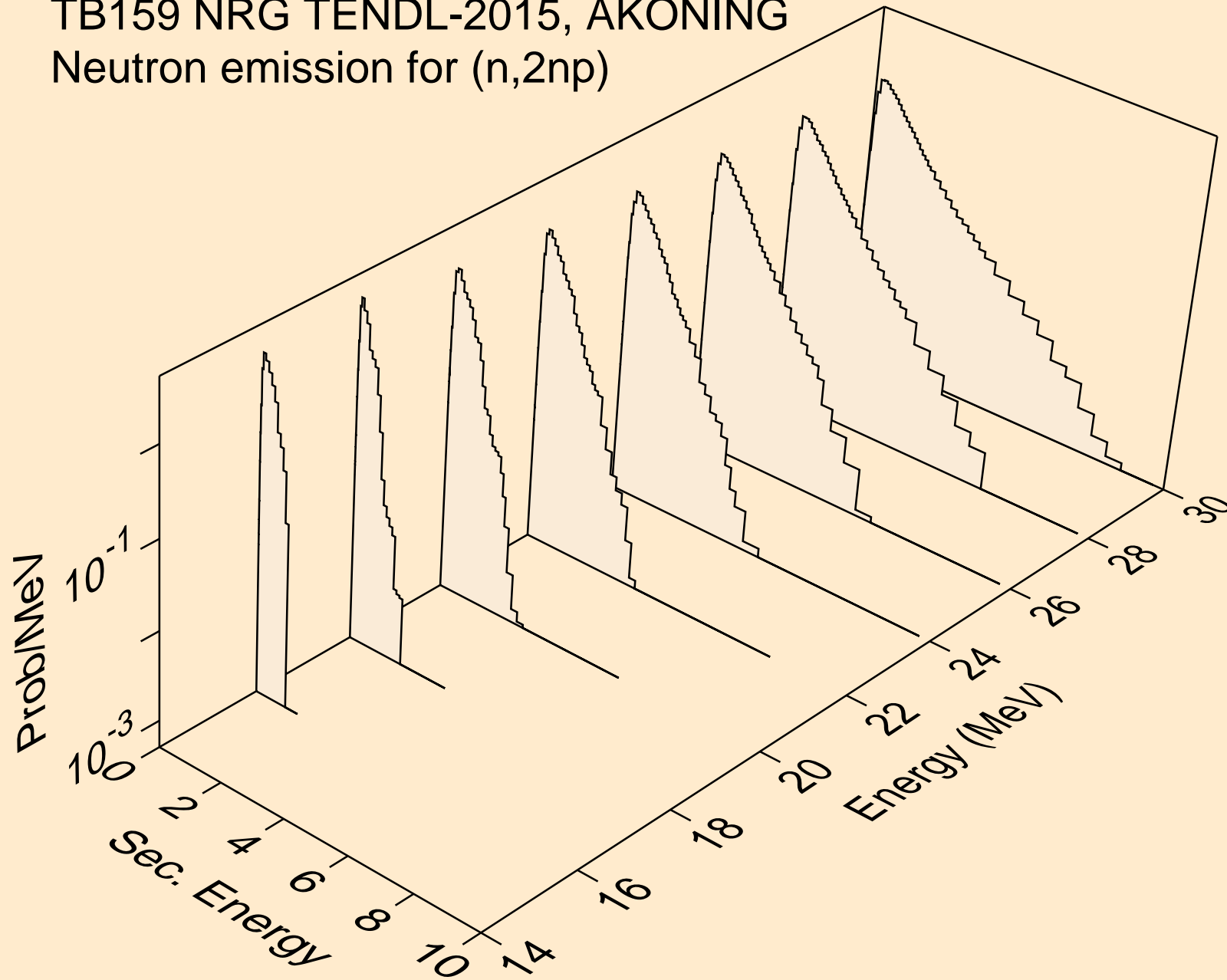
TB159 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



TB159 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)

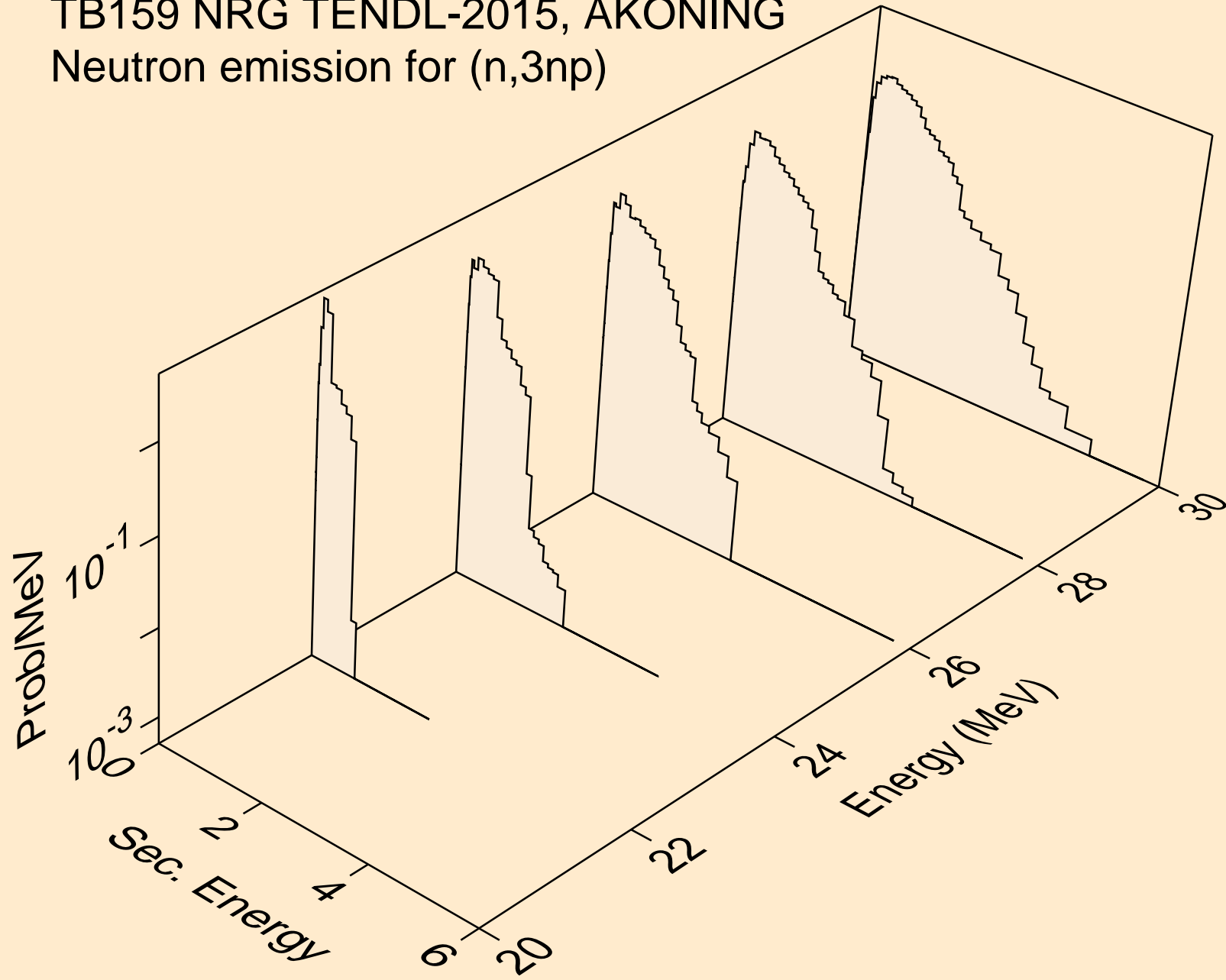


TB159 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

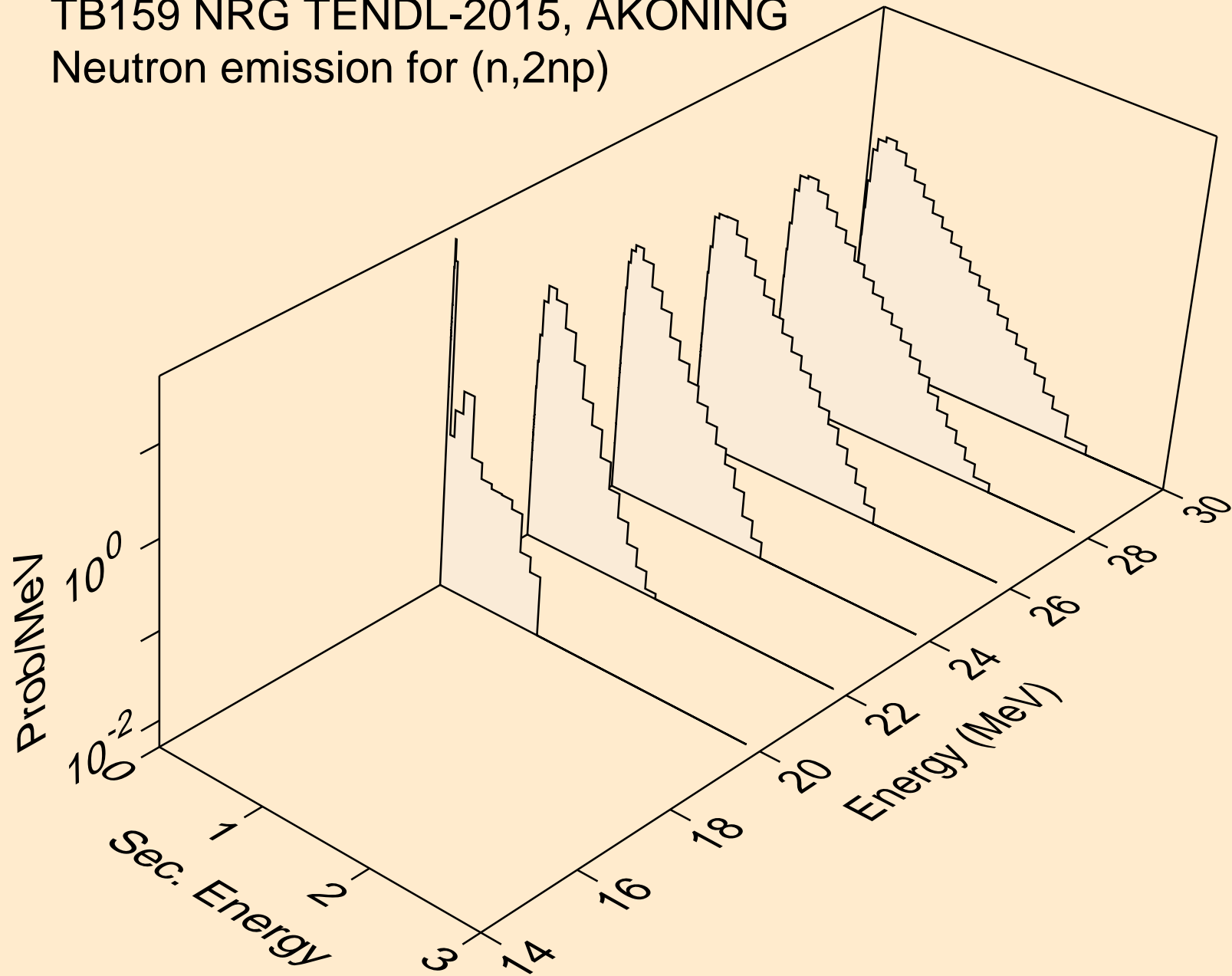




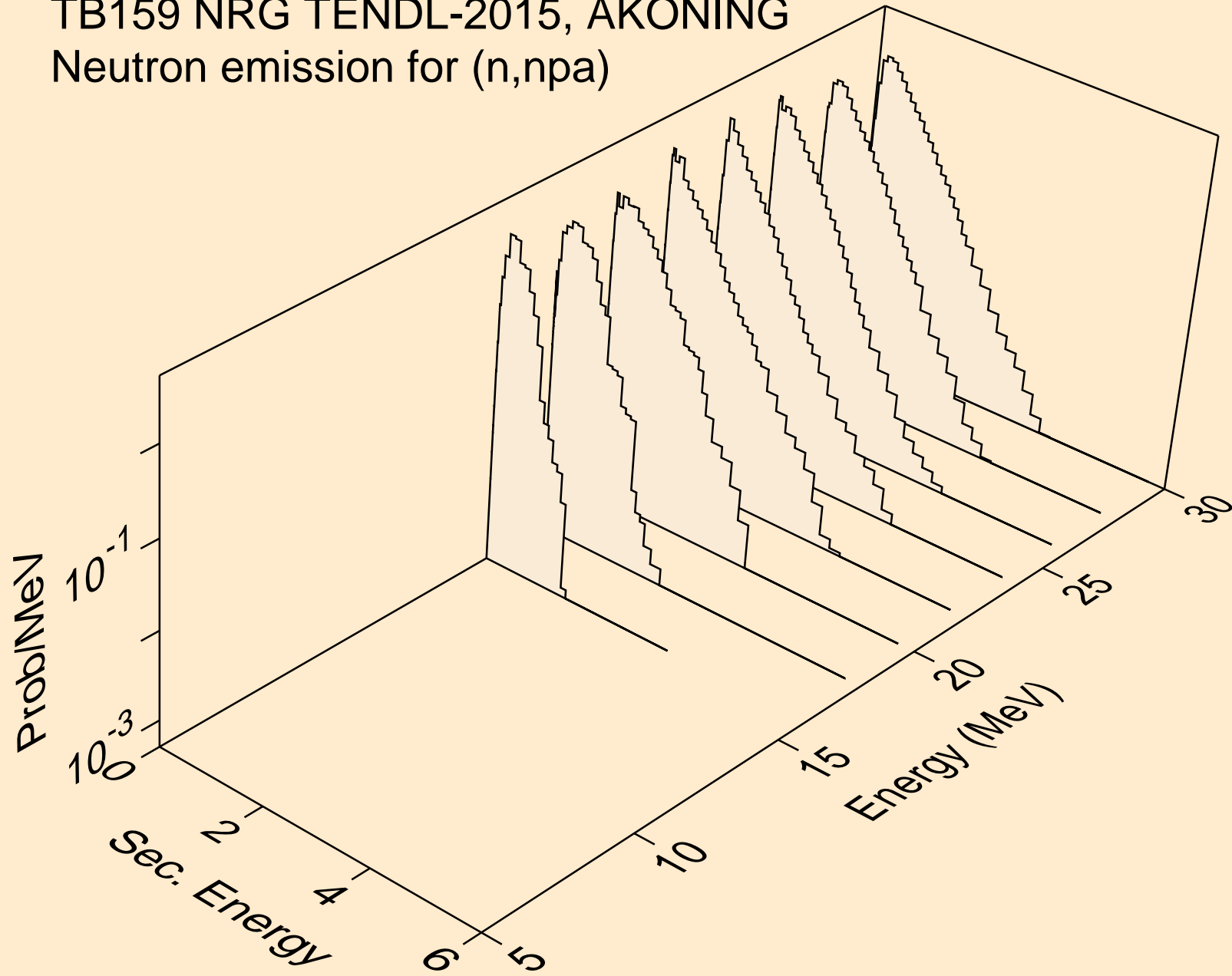
TB159 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



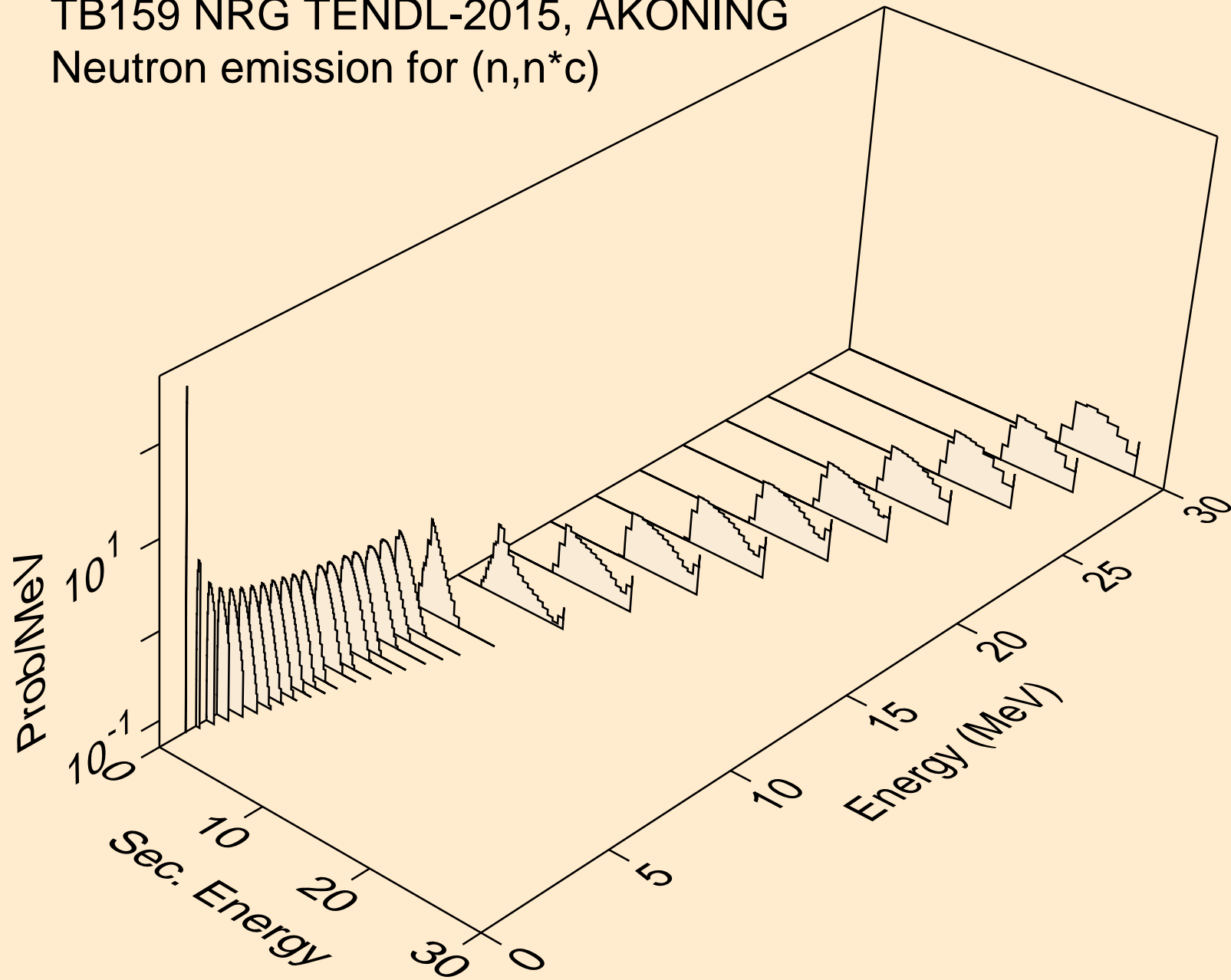
TB159 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



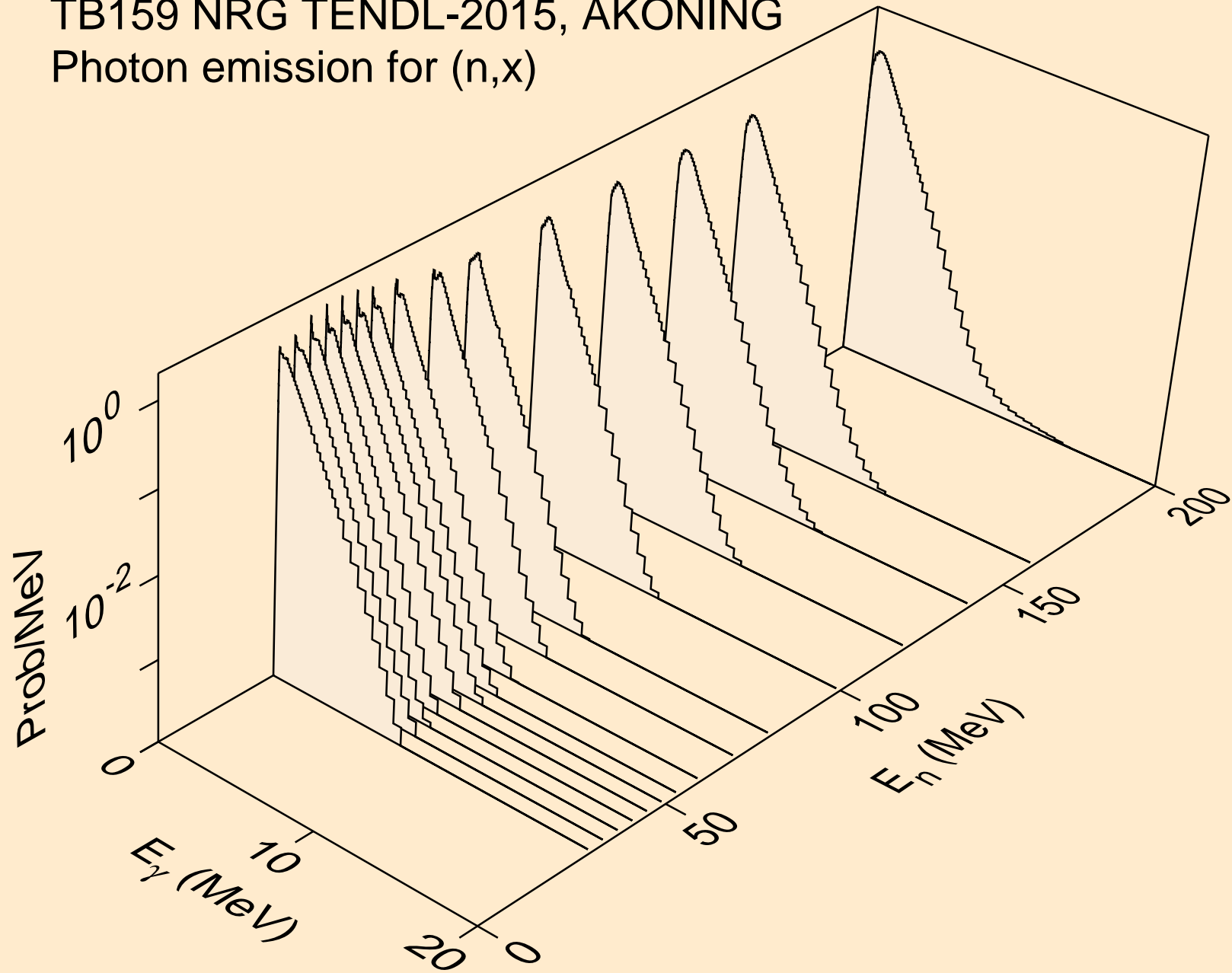
TB159 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



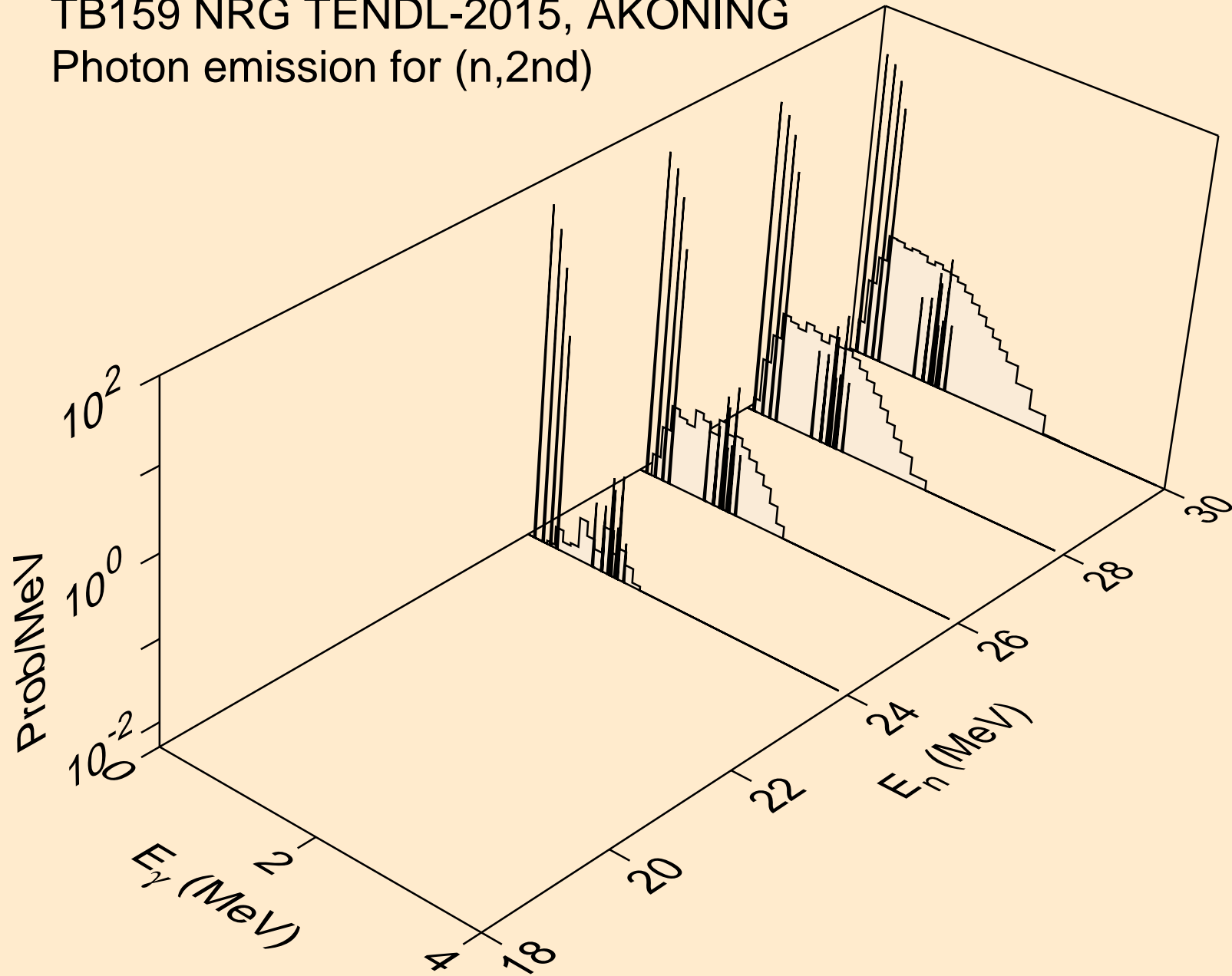
TB159 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



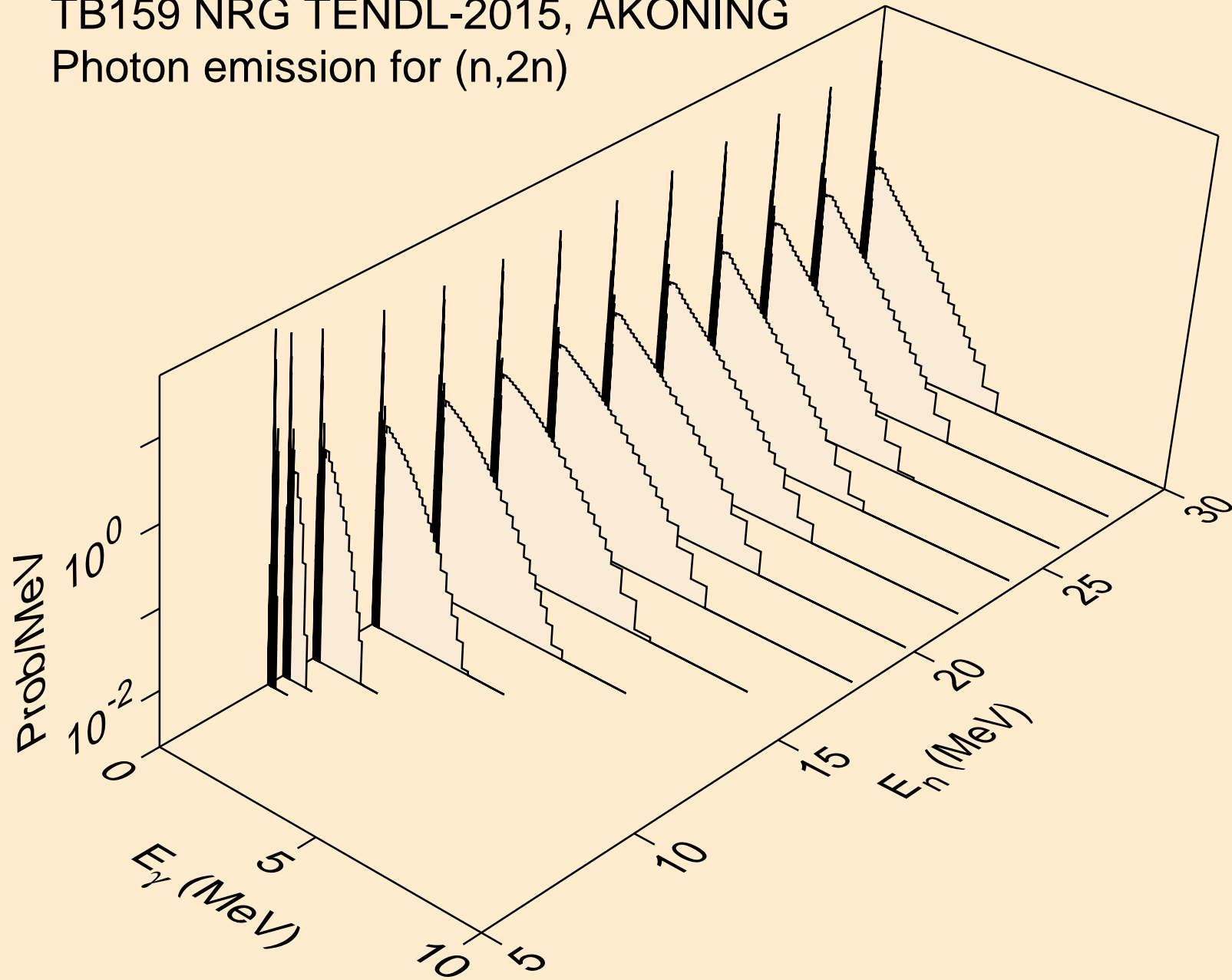
TB159 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



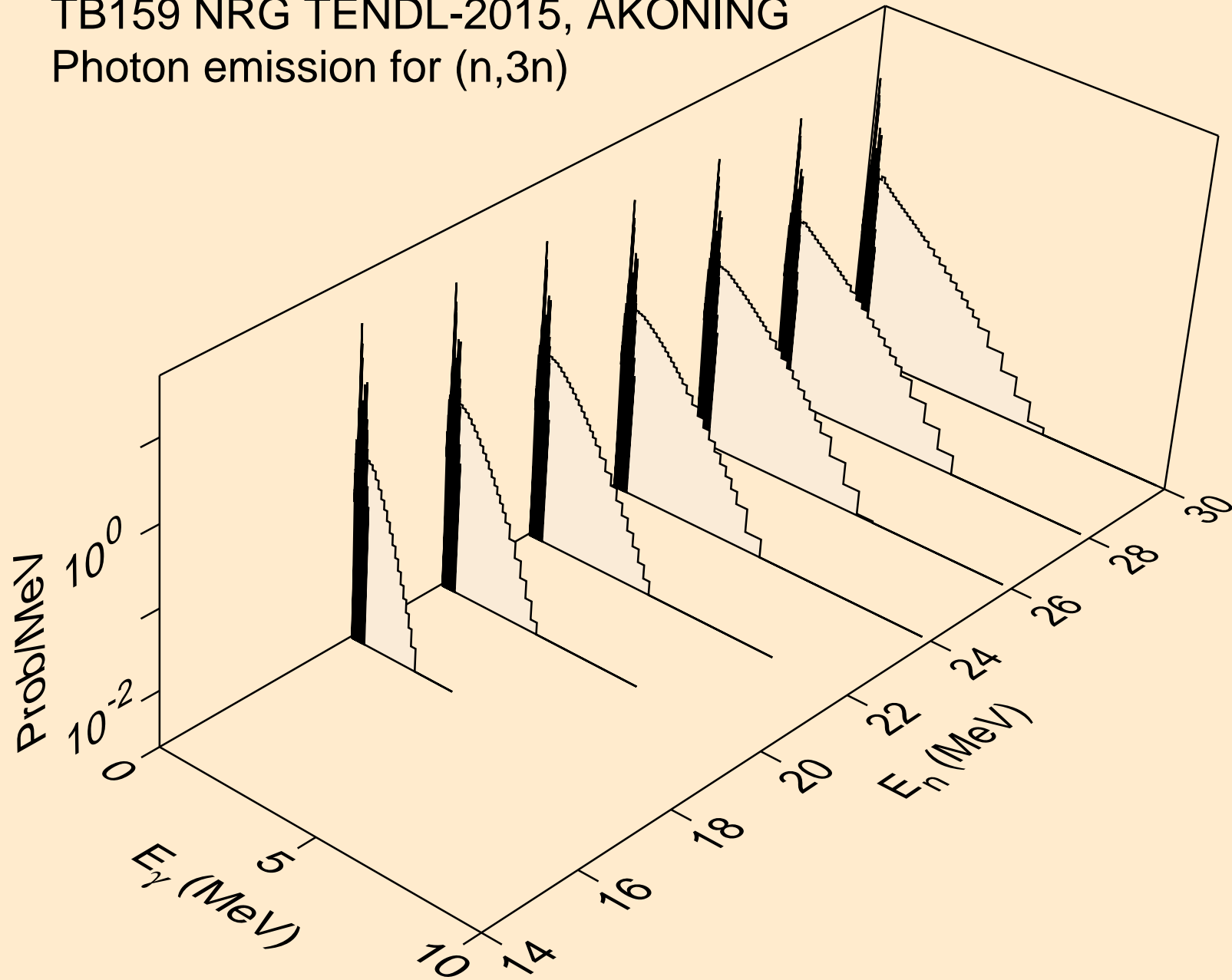
TB159 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



TB159 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)

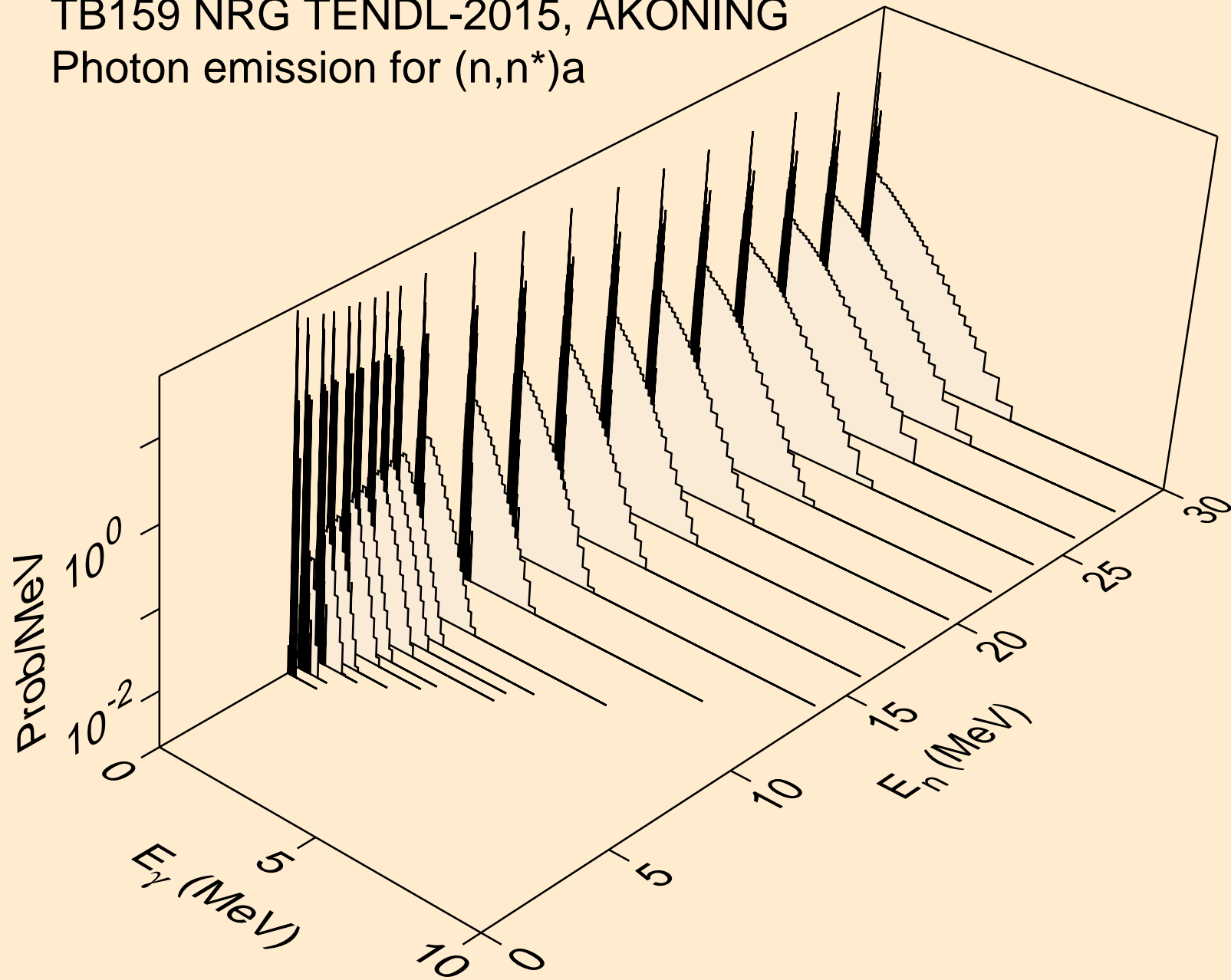


TB159 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

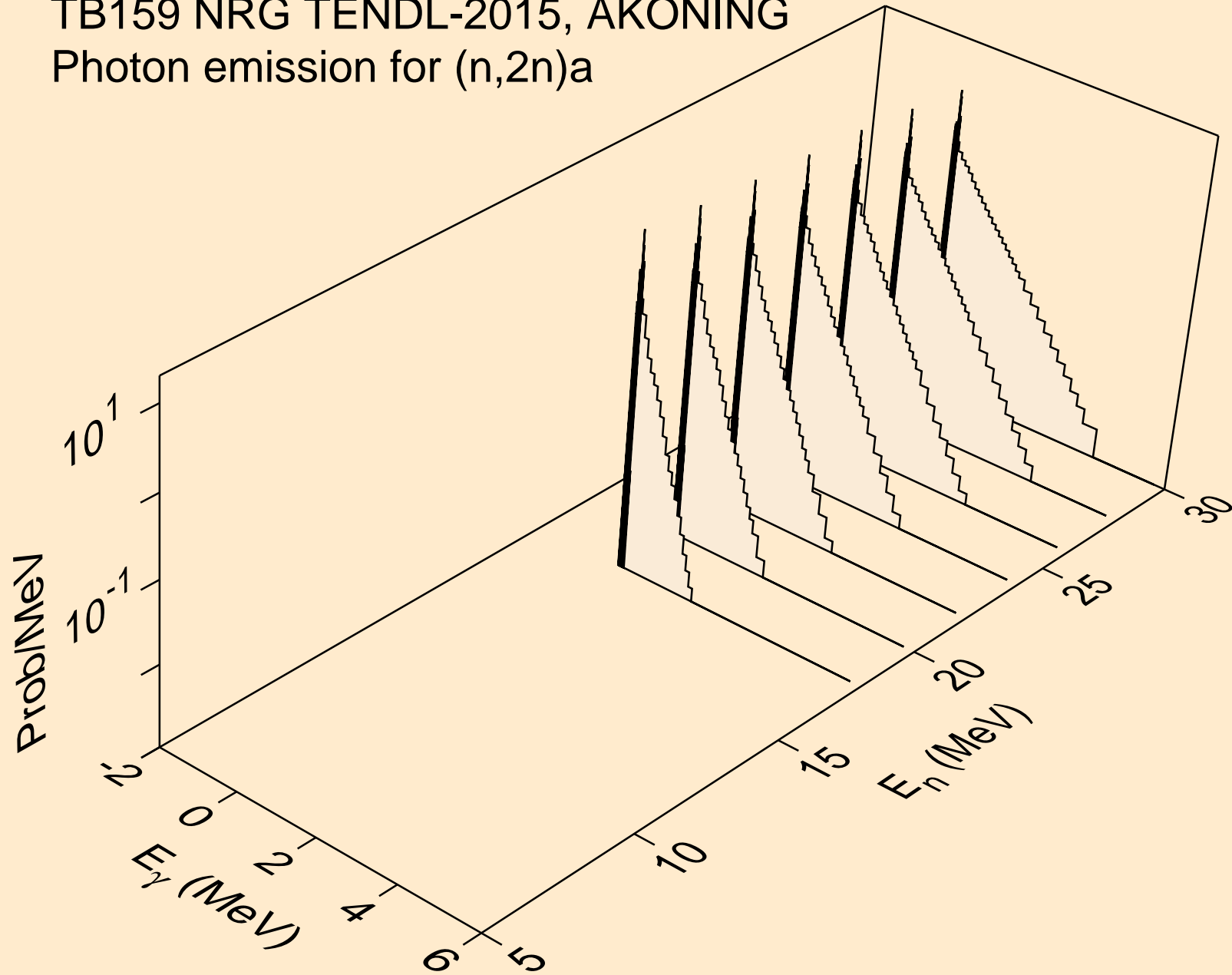




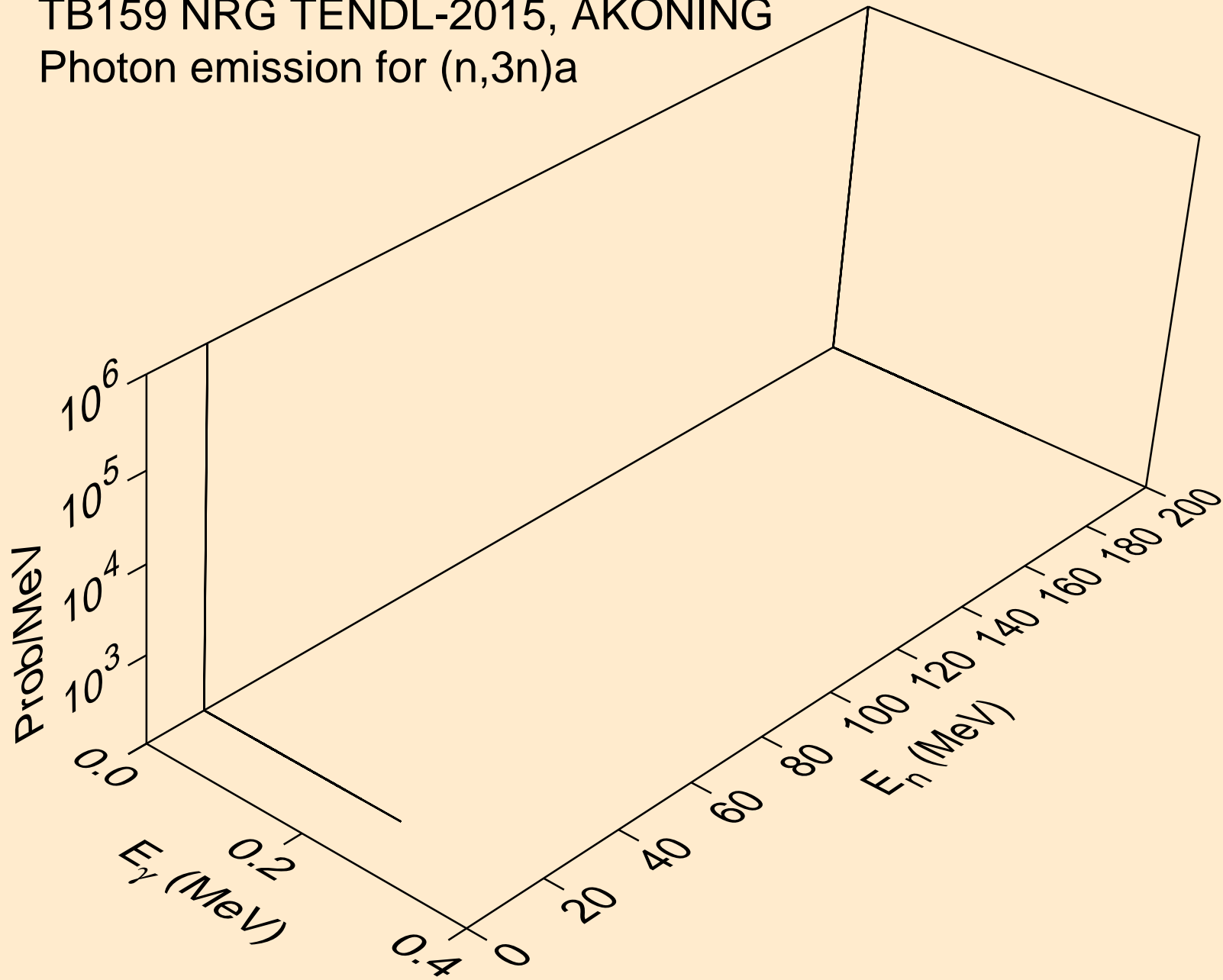
TB159 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



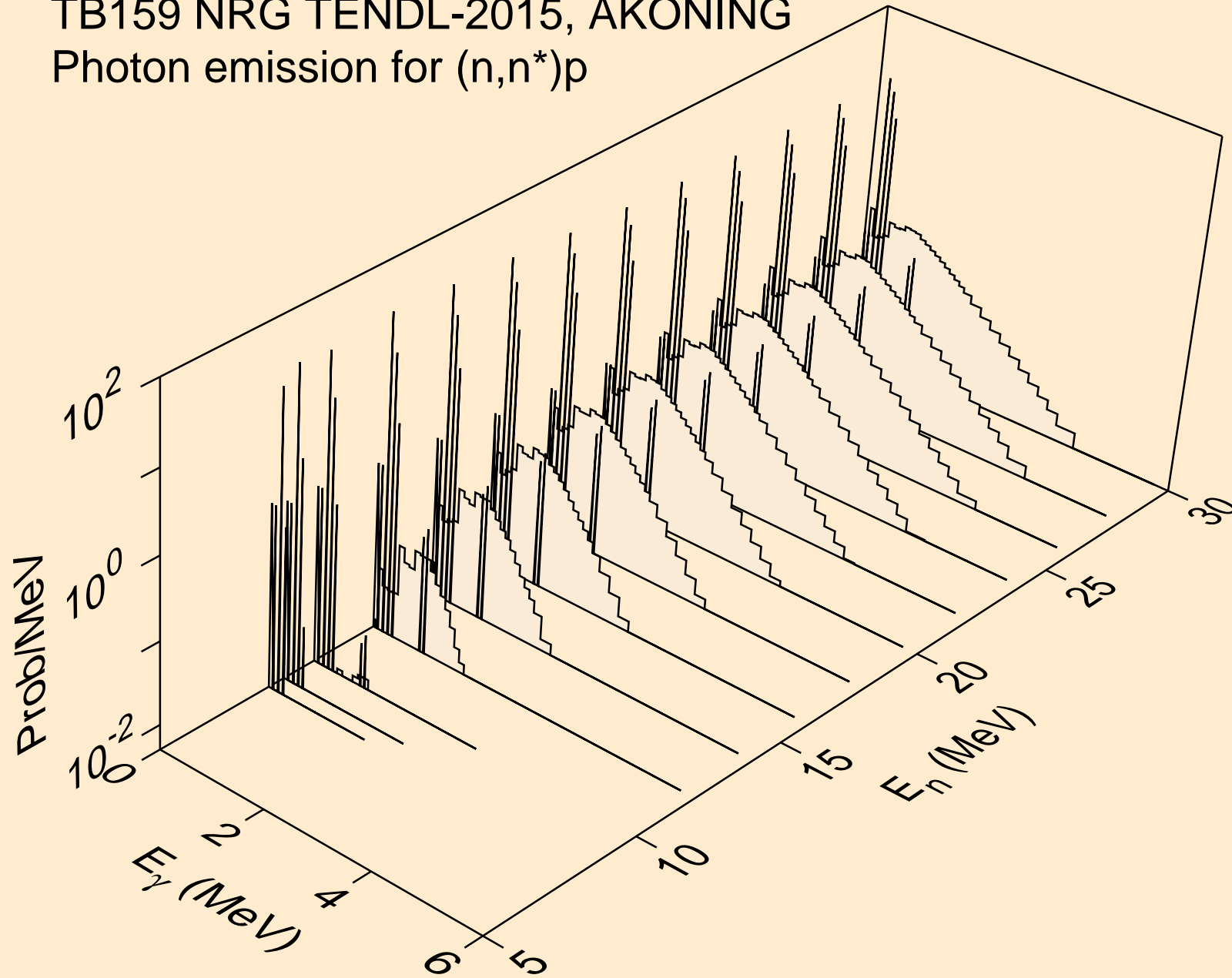
TB159 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



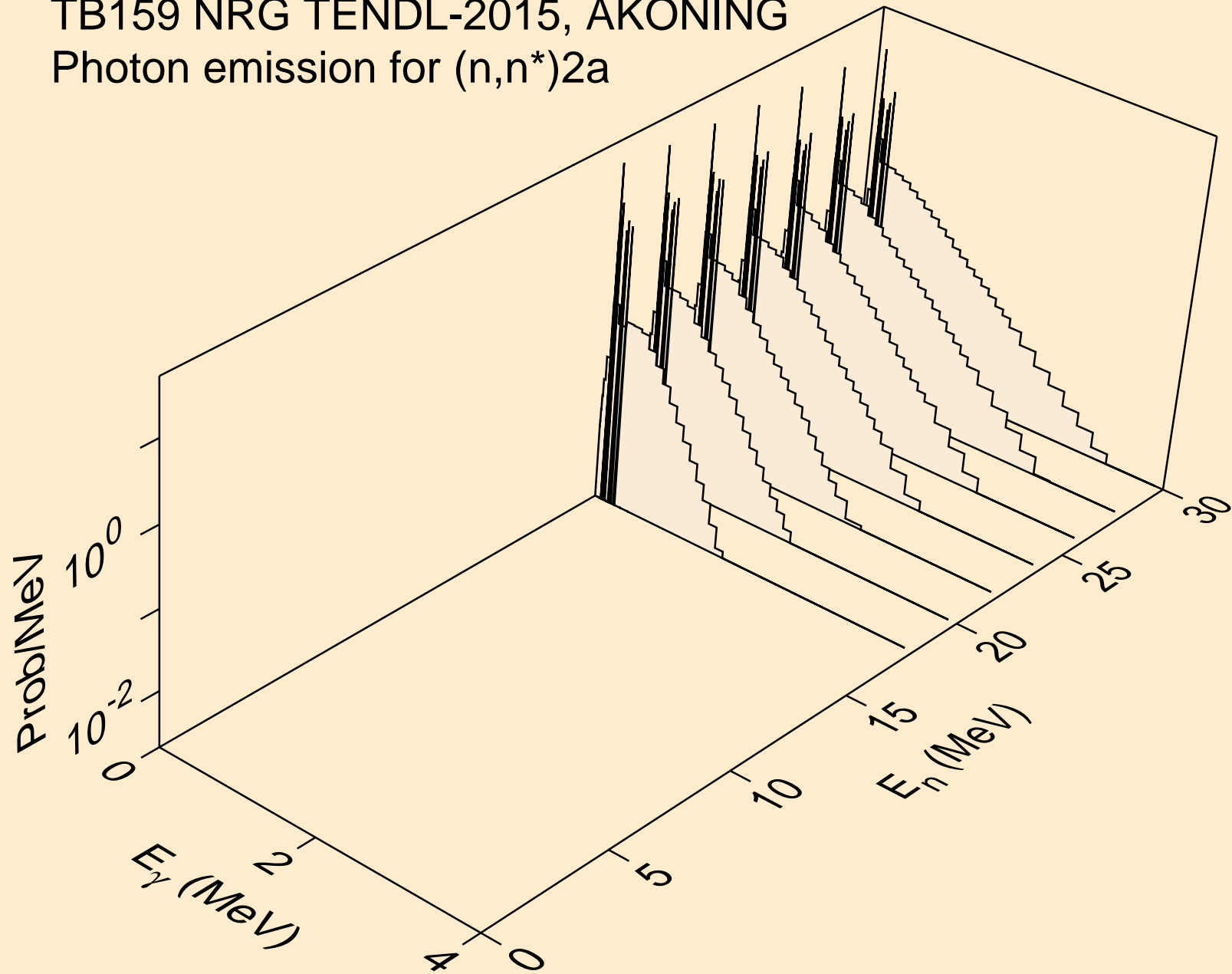
TB159 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



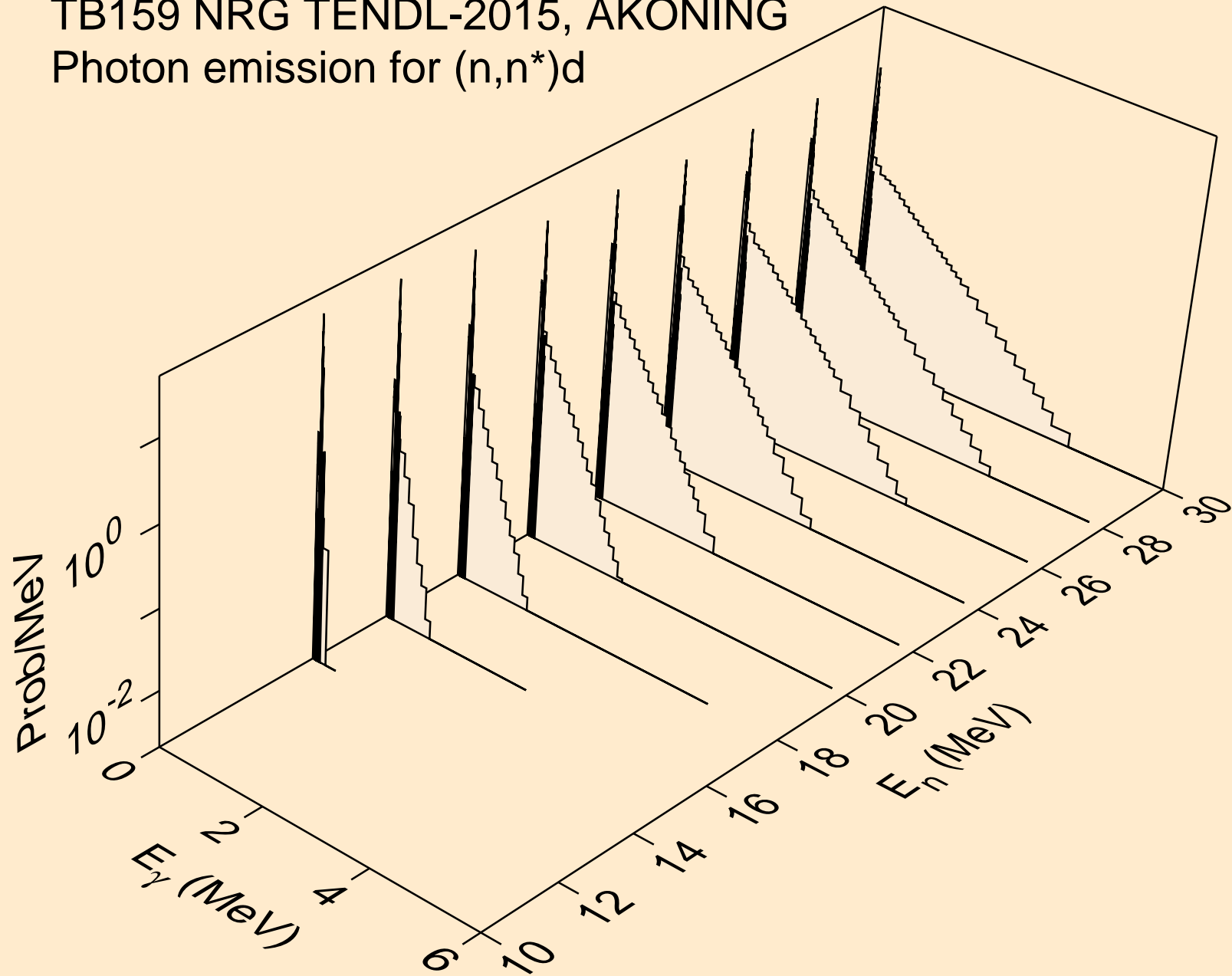
TB159 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



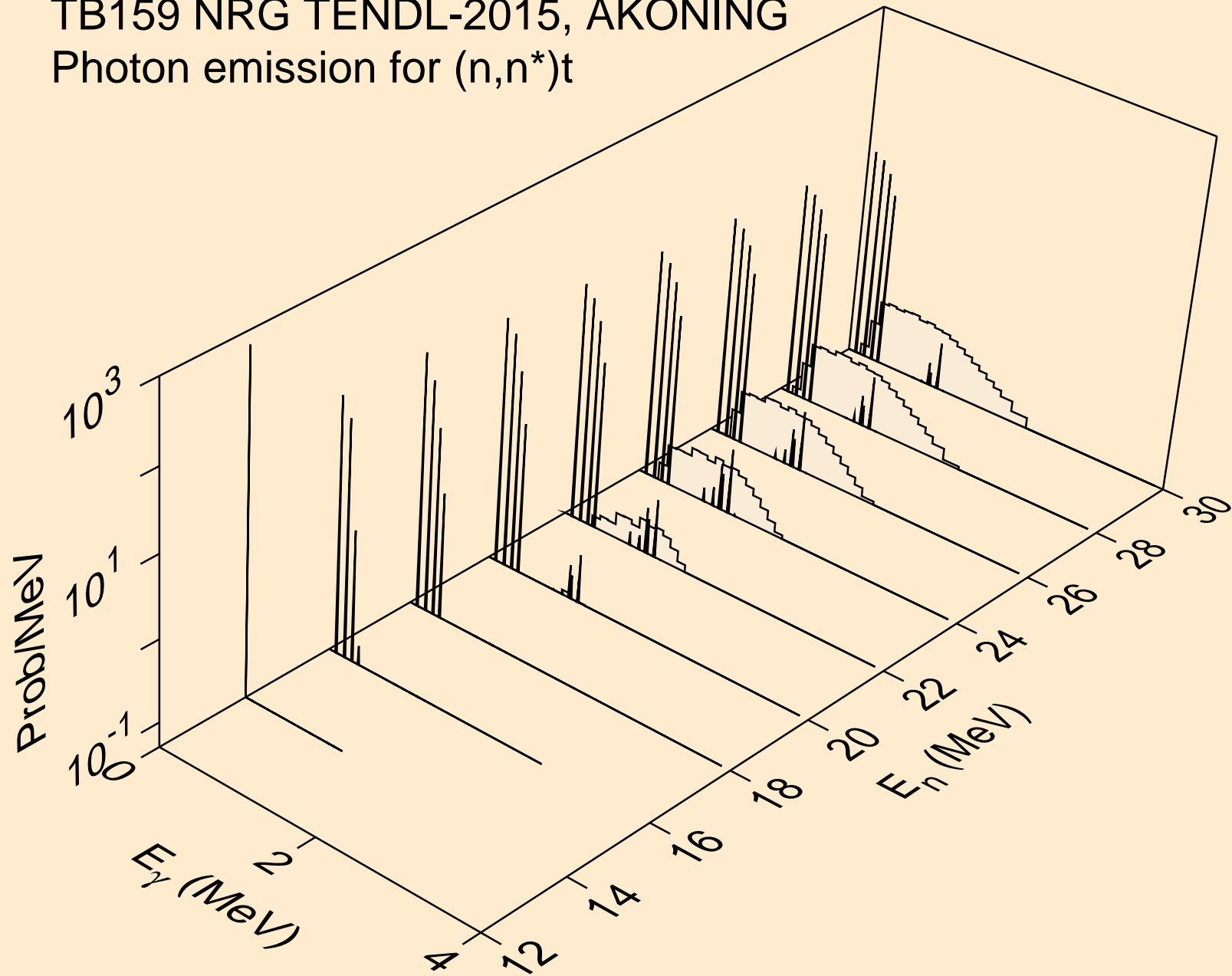
TB159 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



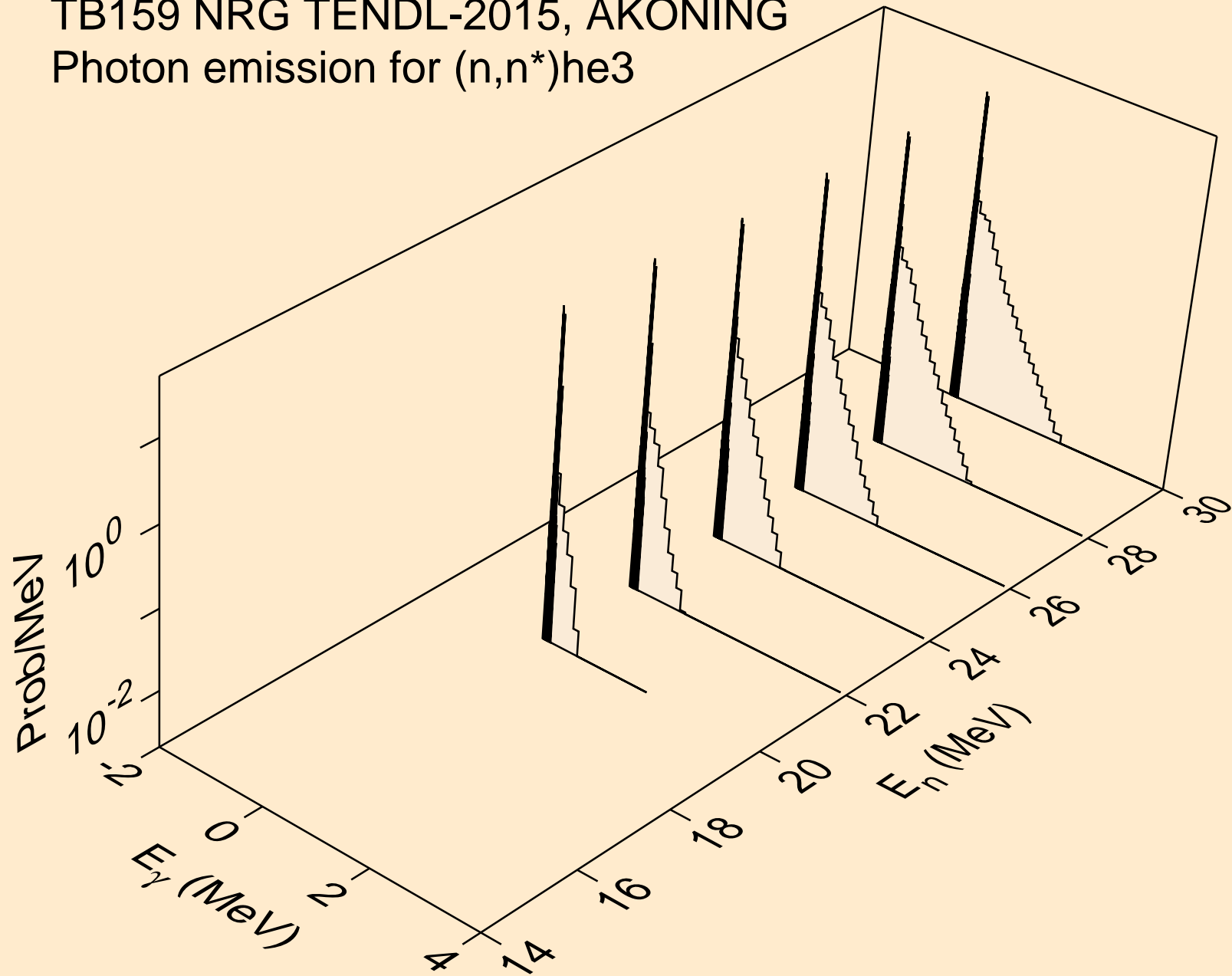
TB159 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



TB159 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

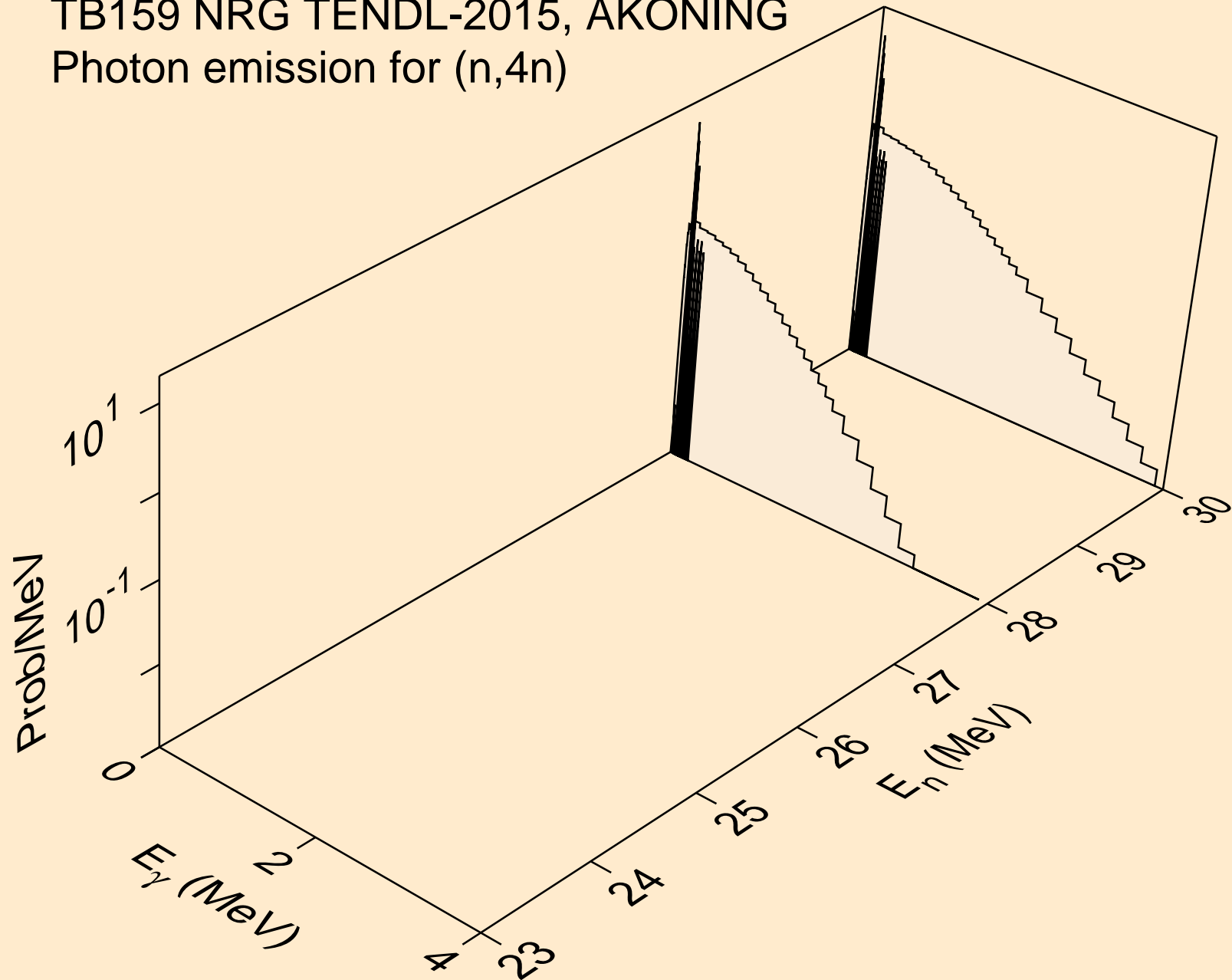


TB159 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

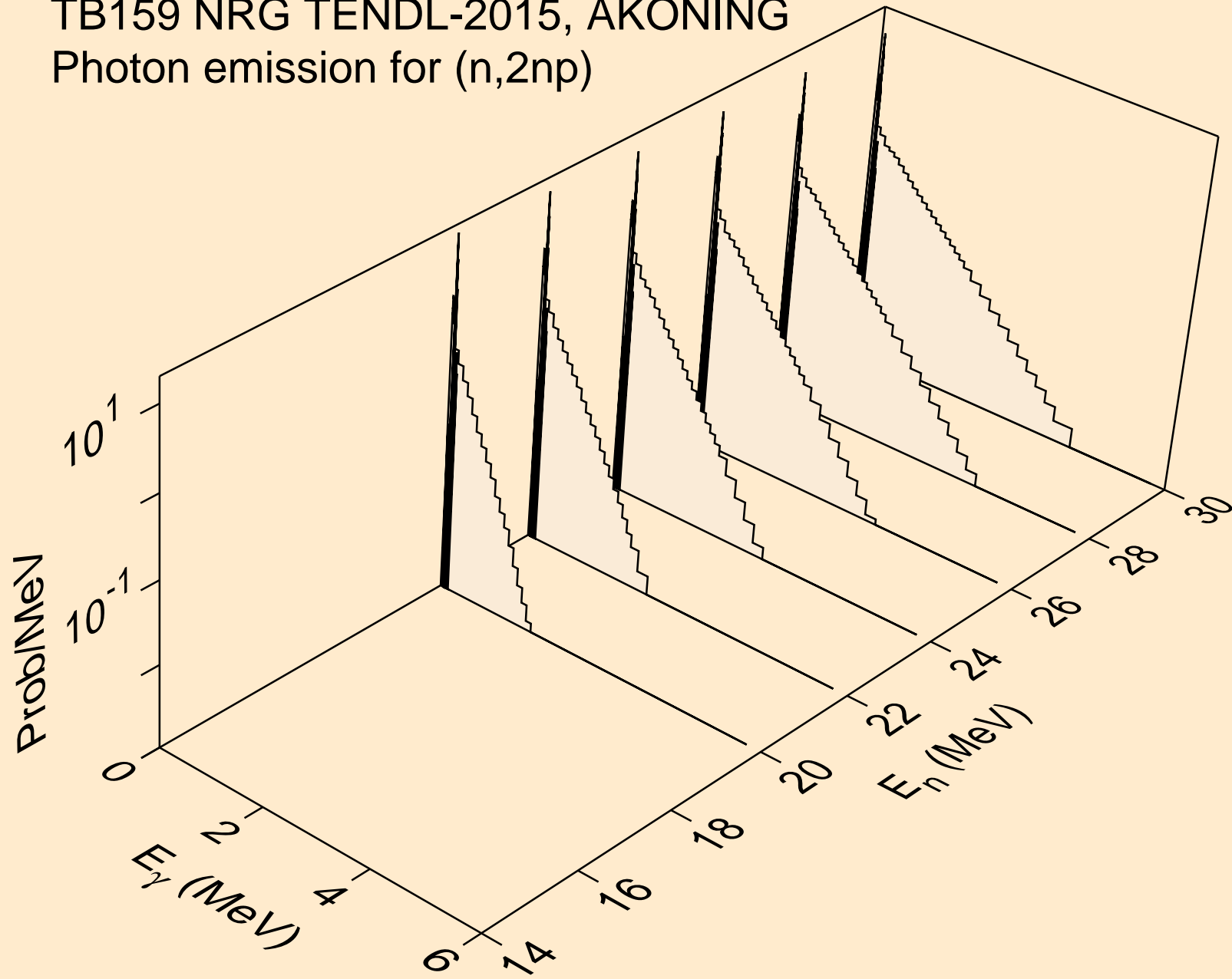




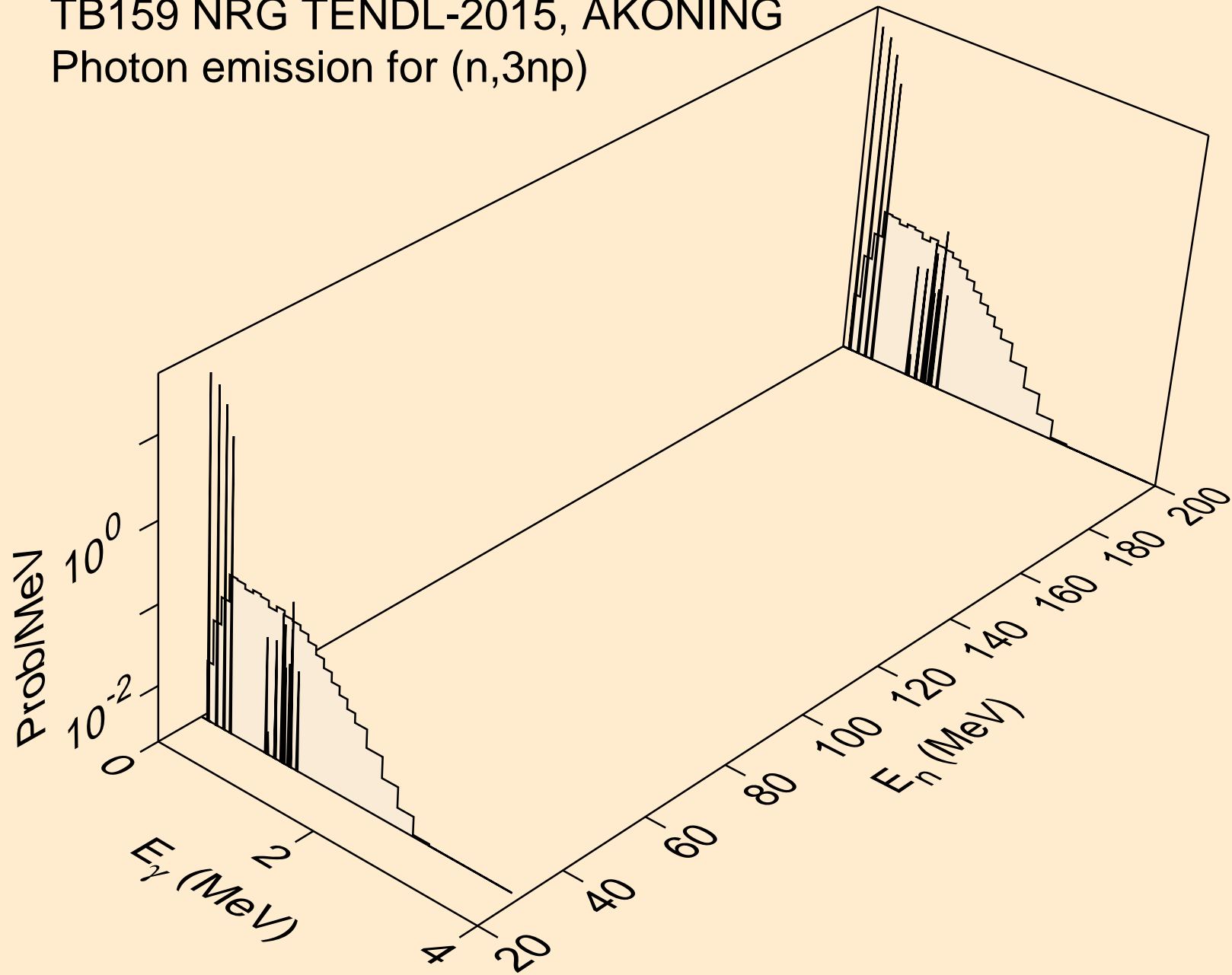
TB159 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



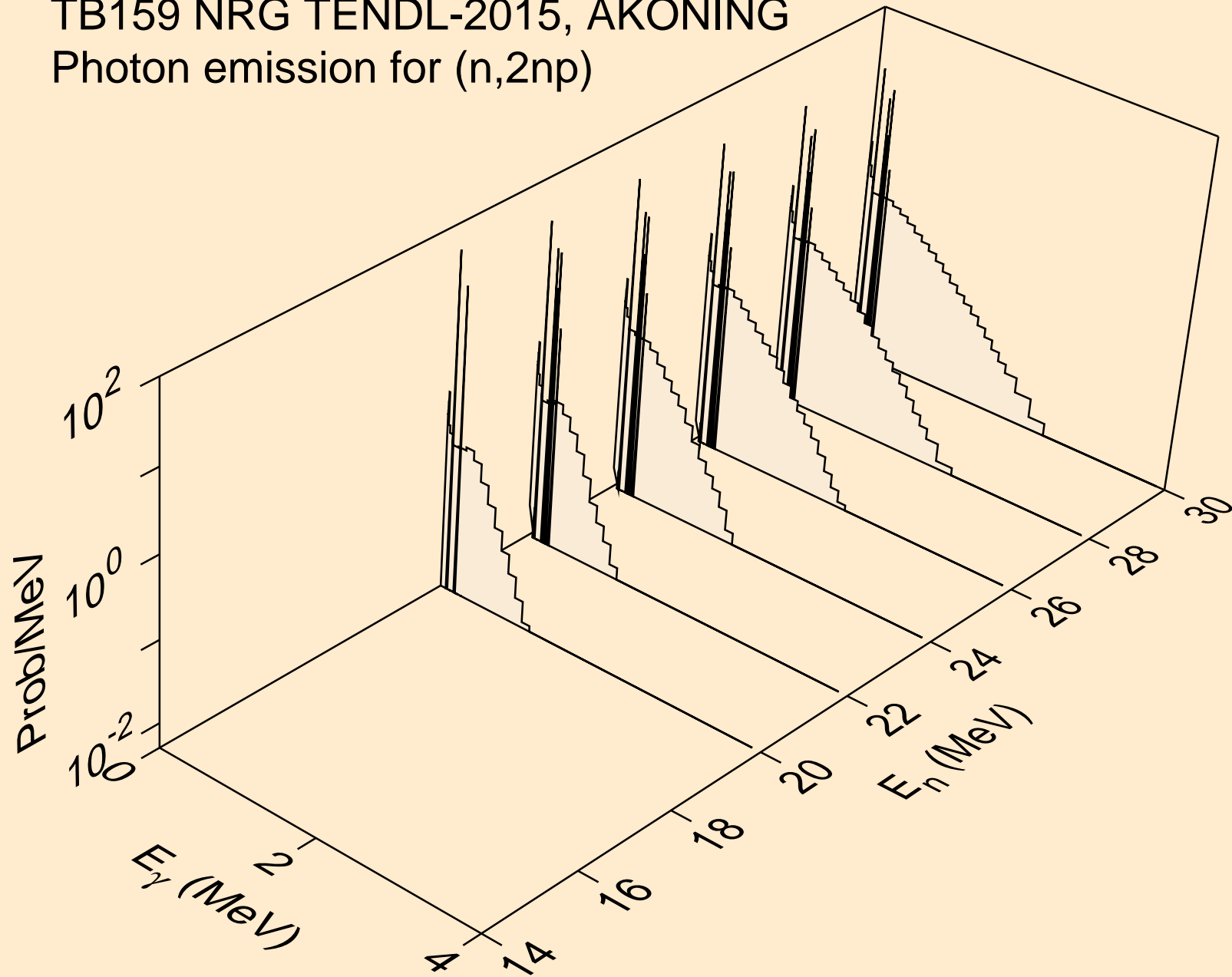
TB159 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



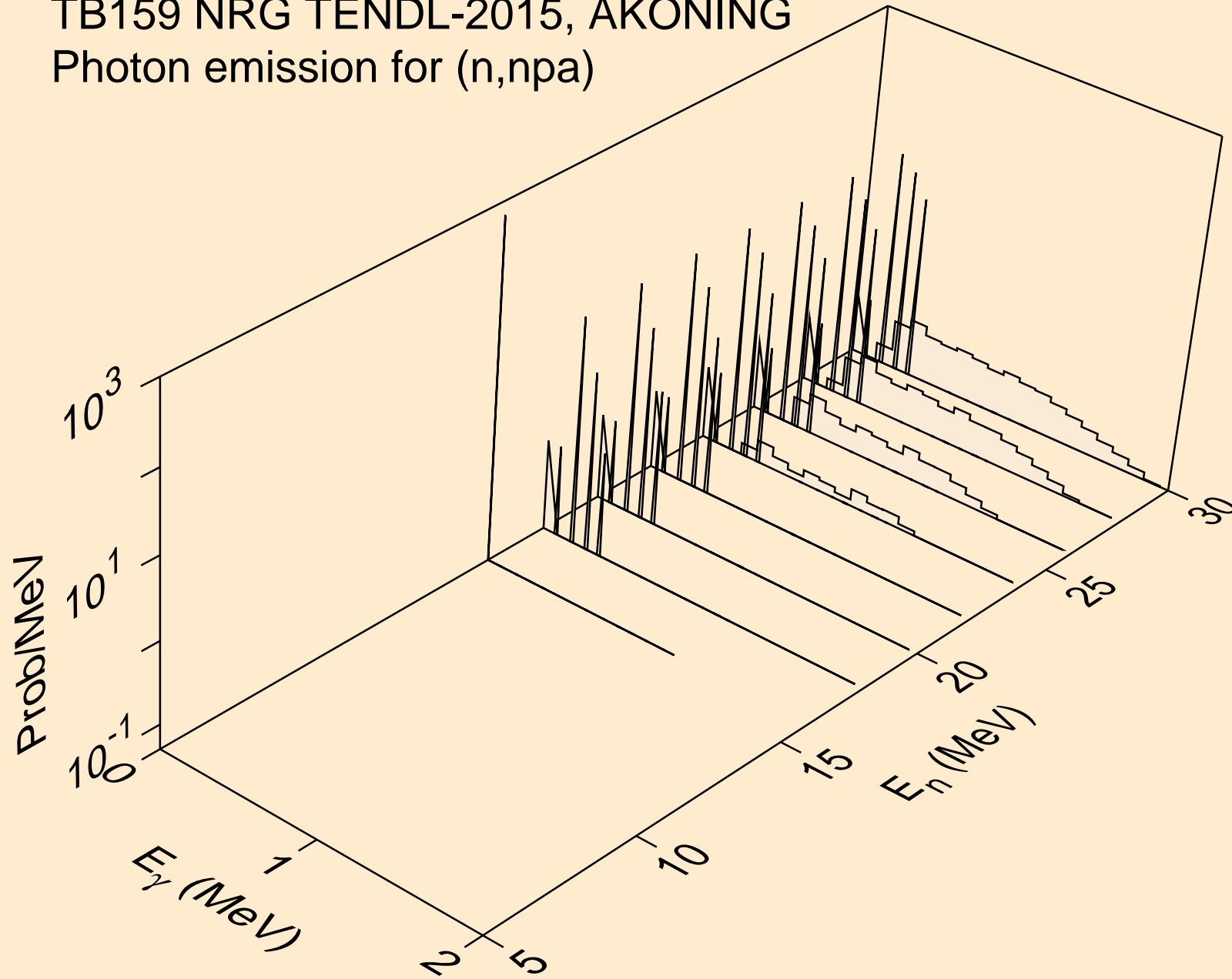
TB159 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



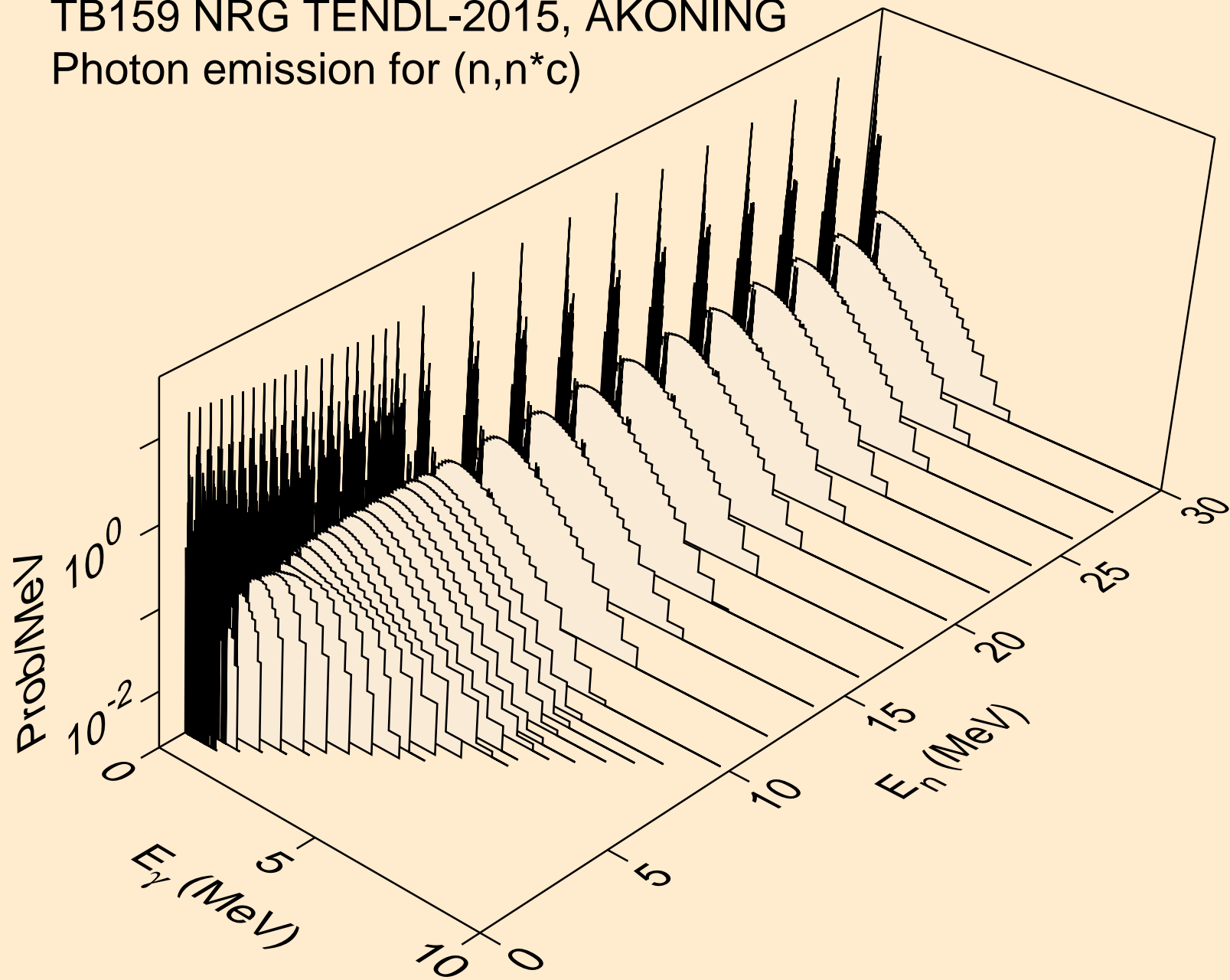
TB159 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



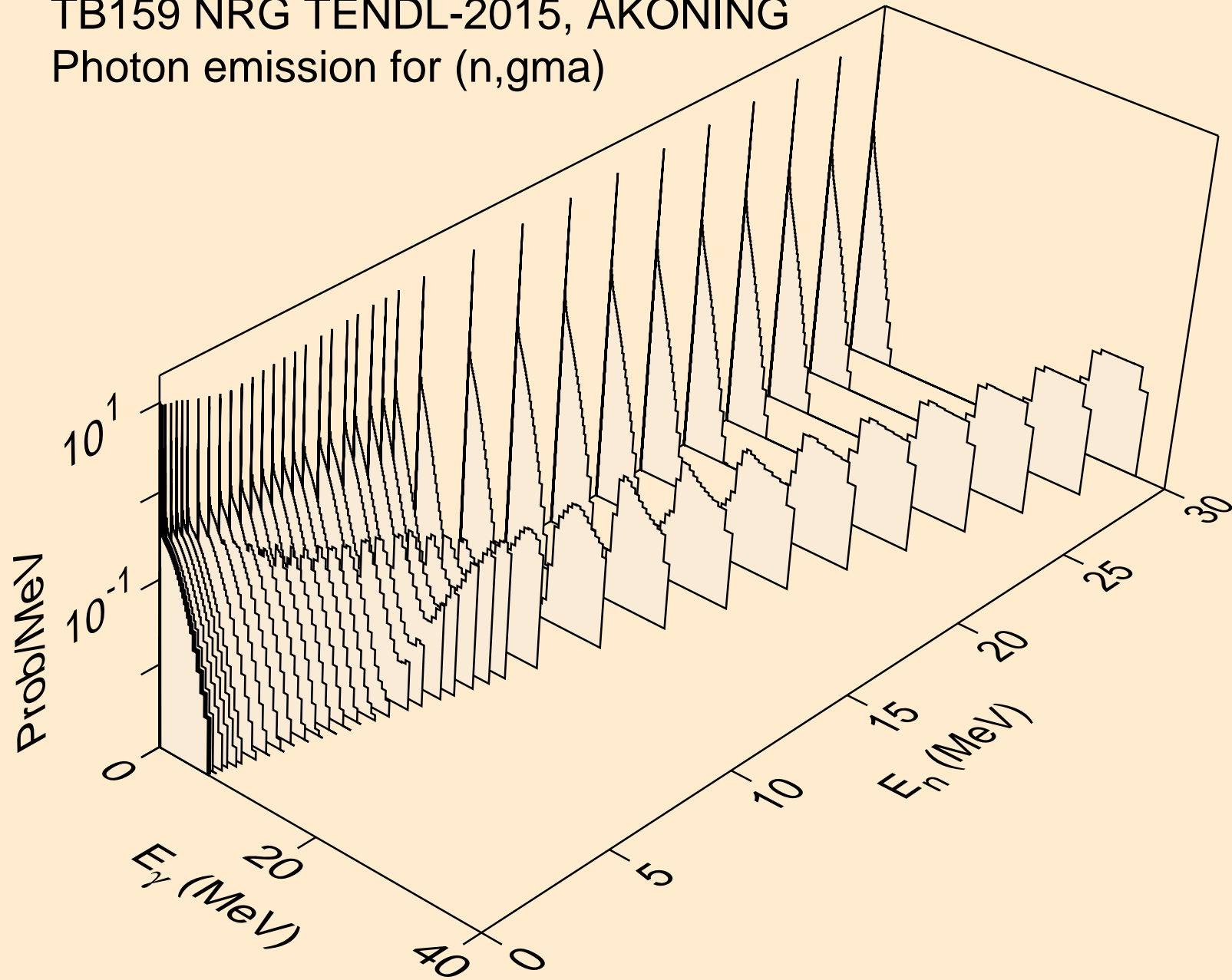
TB159 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



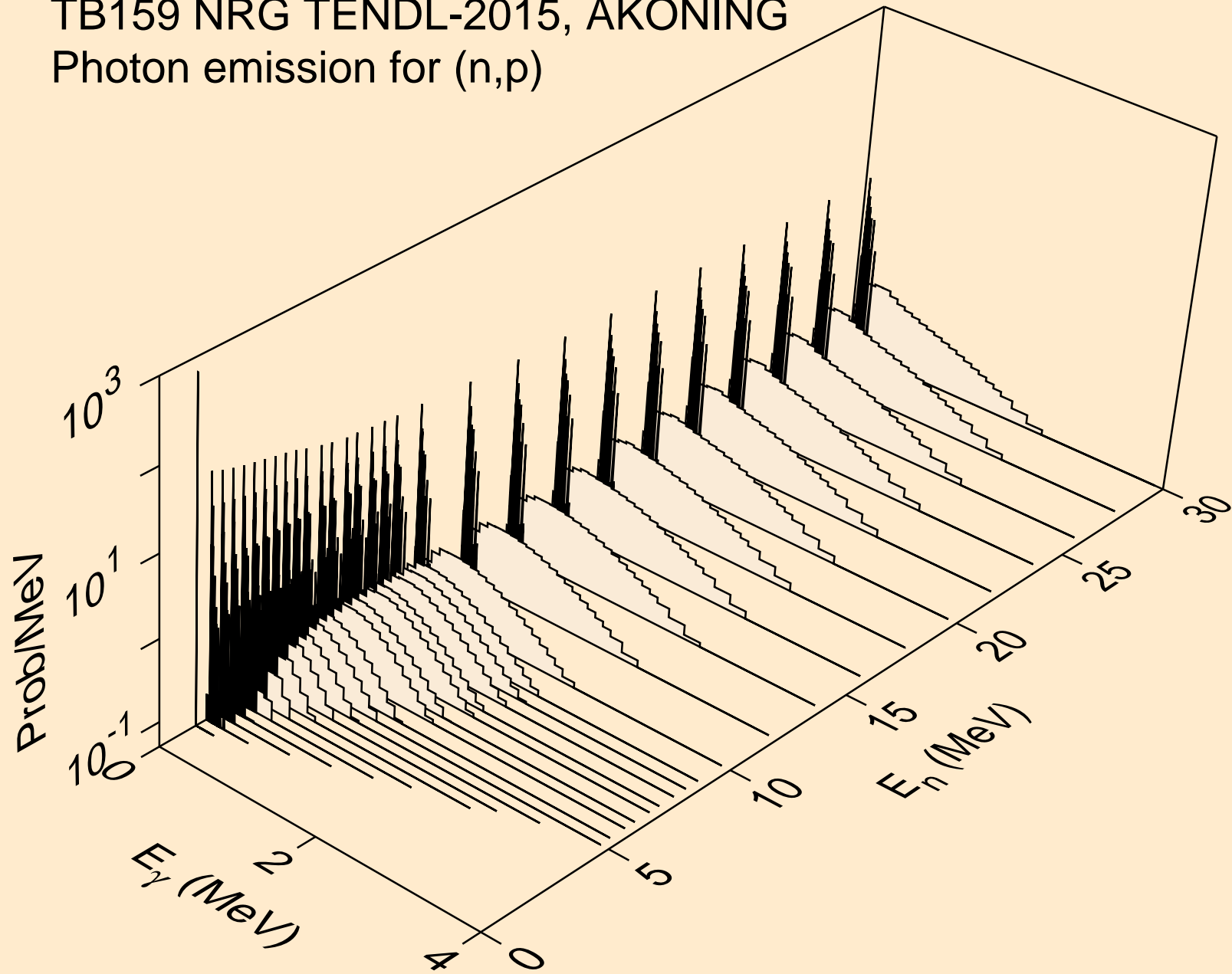
TB159 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



TB159 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)

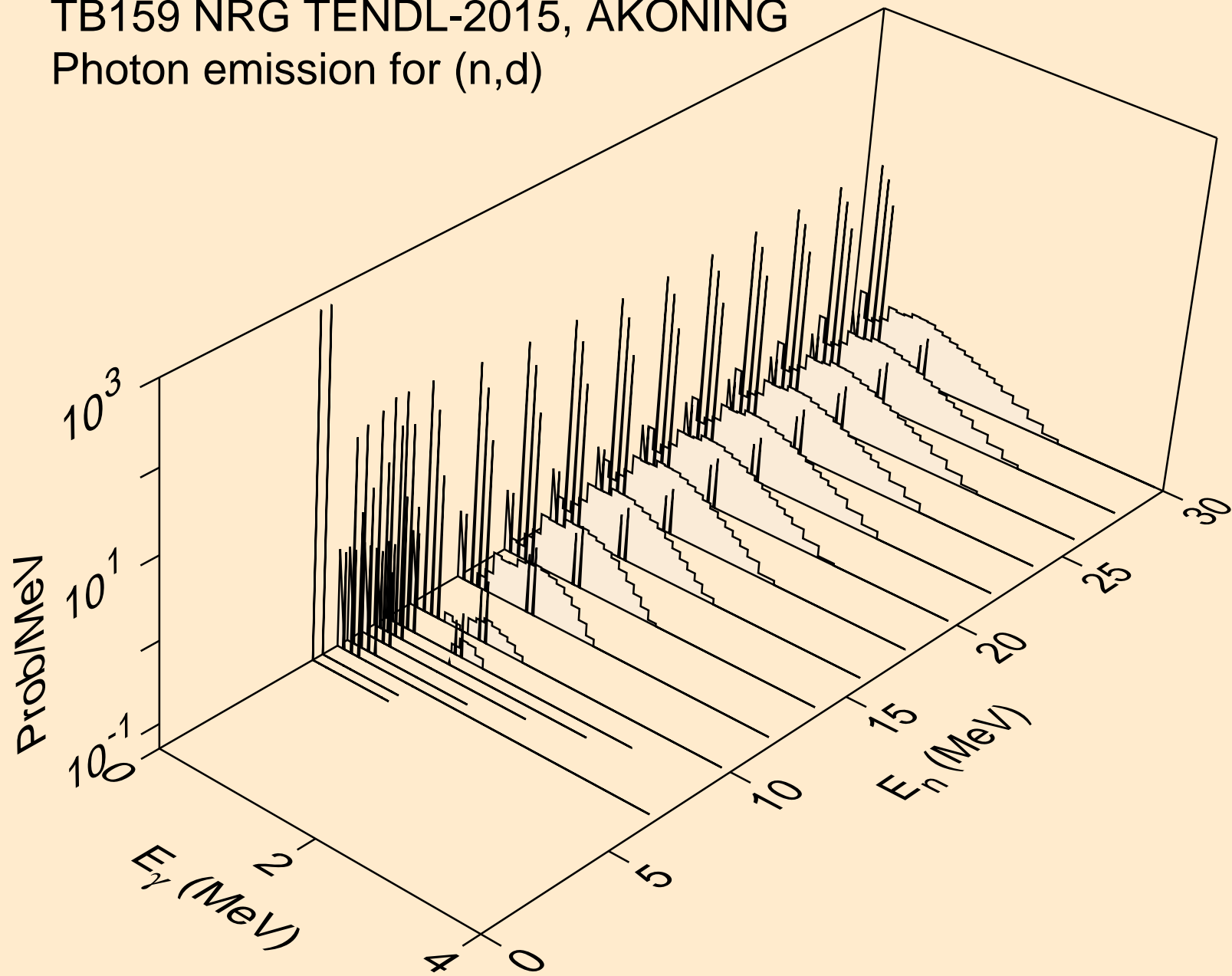


TB159 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

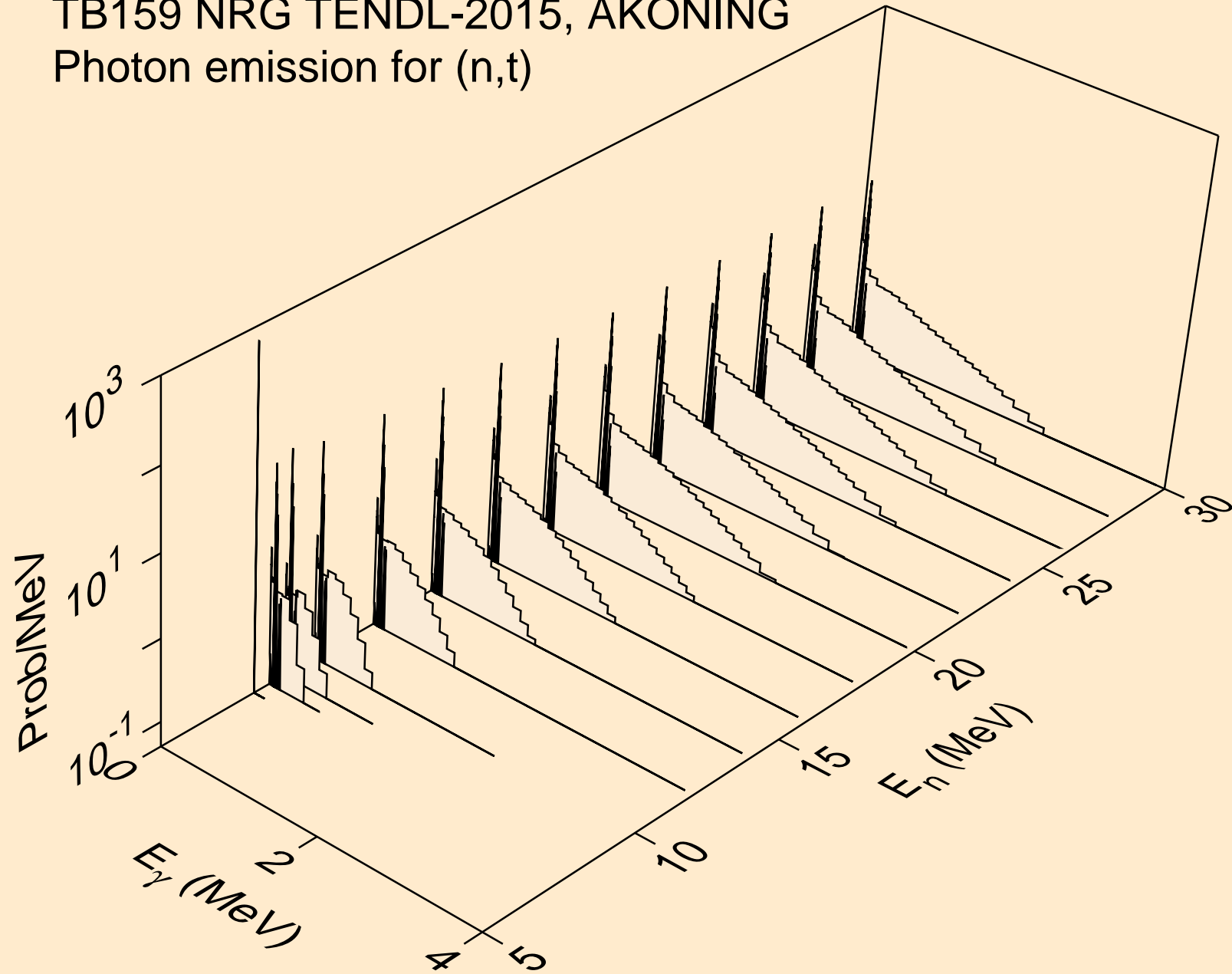




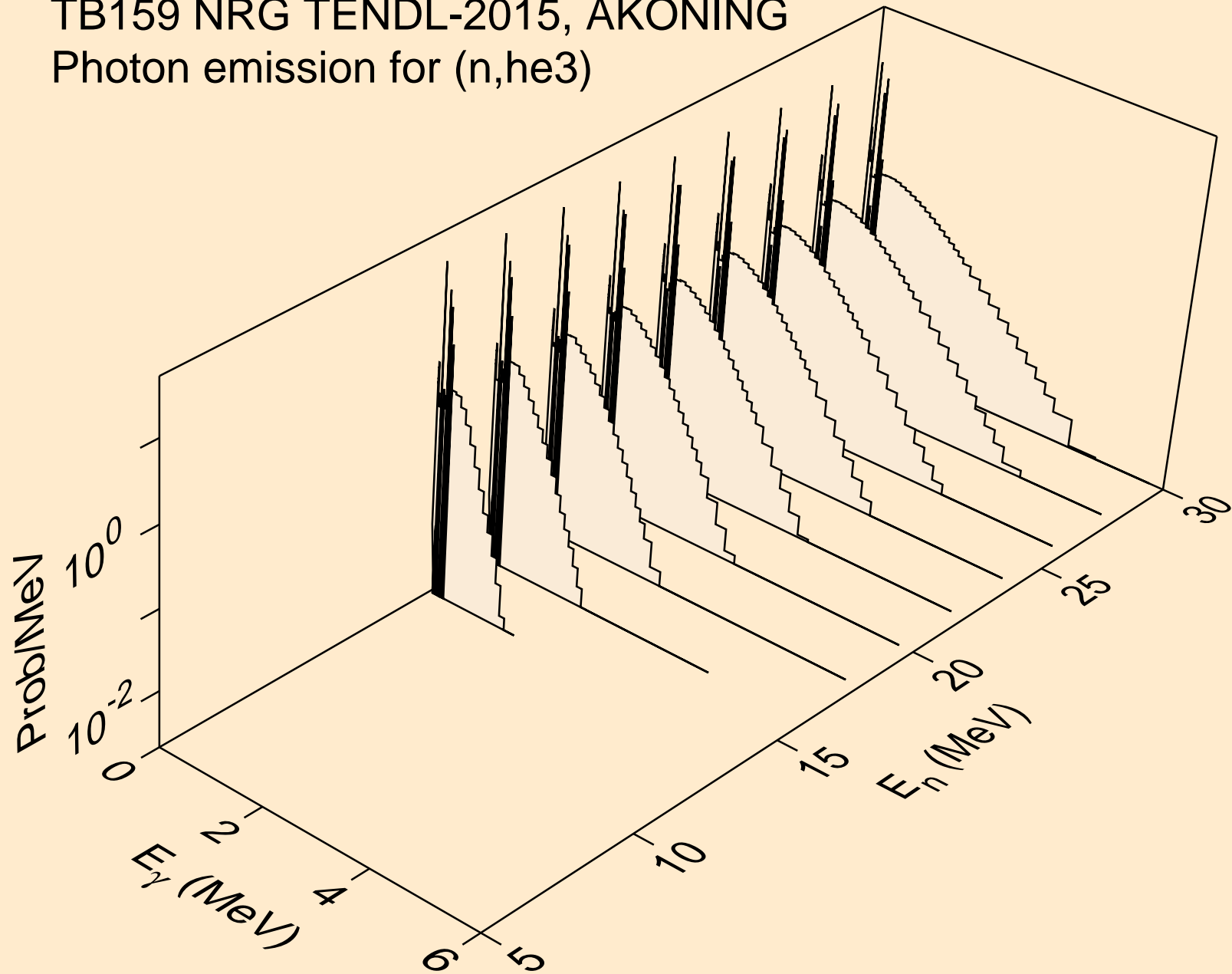
TB159 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



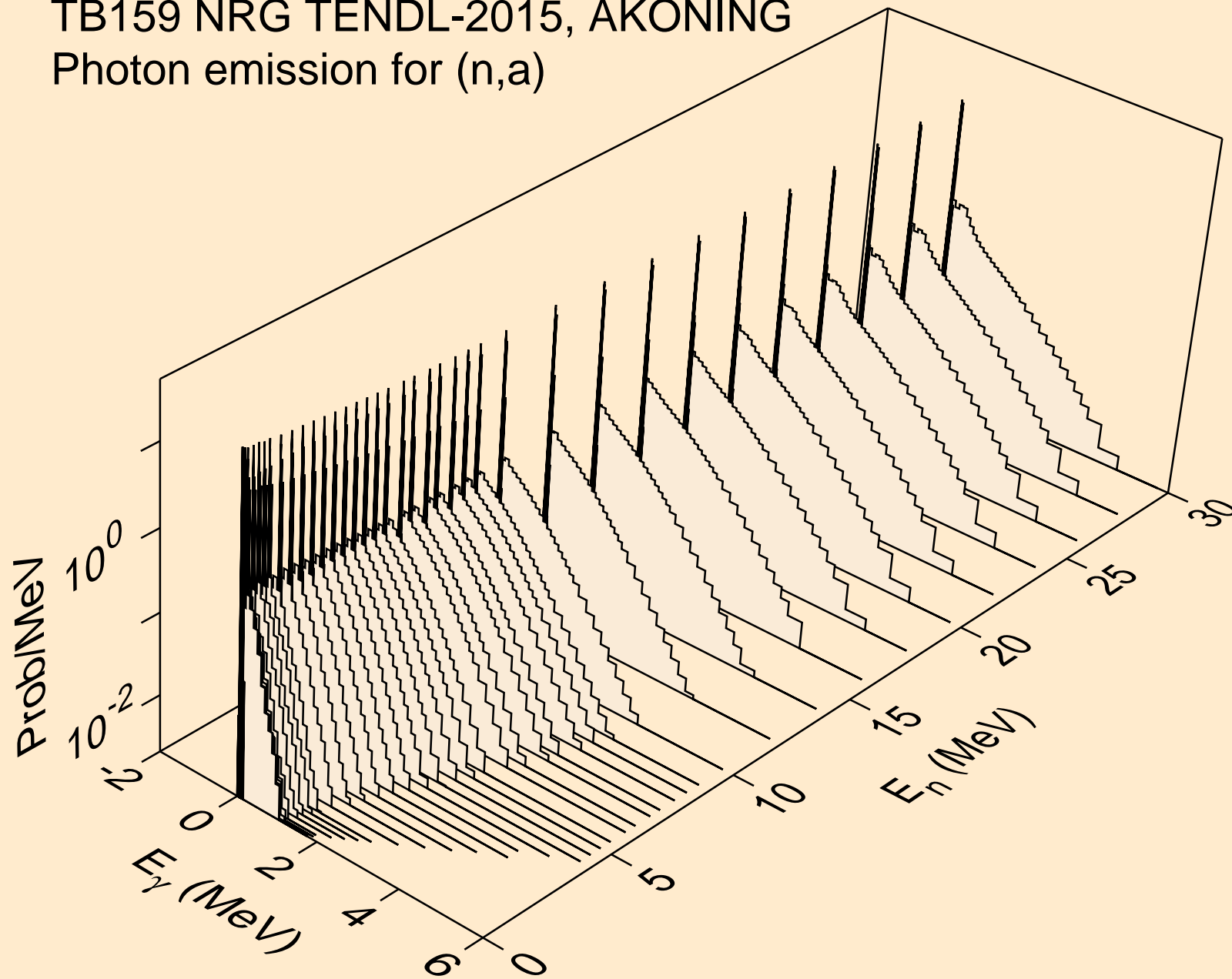
TB159 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



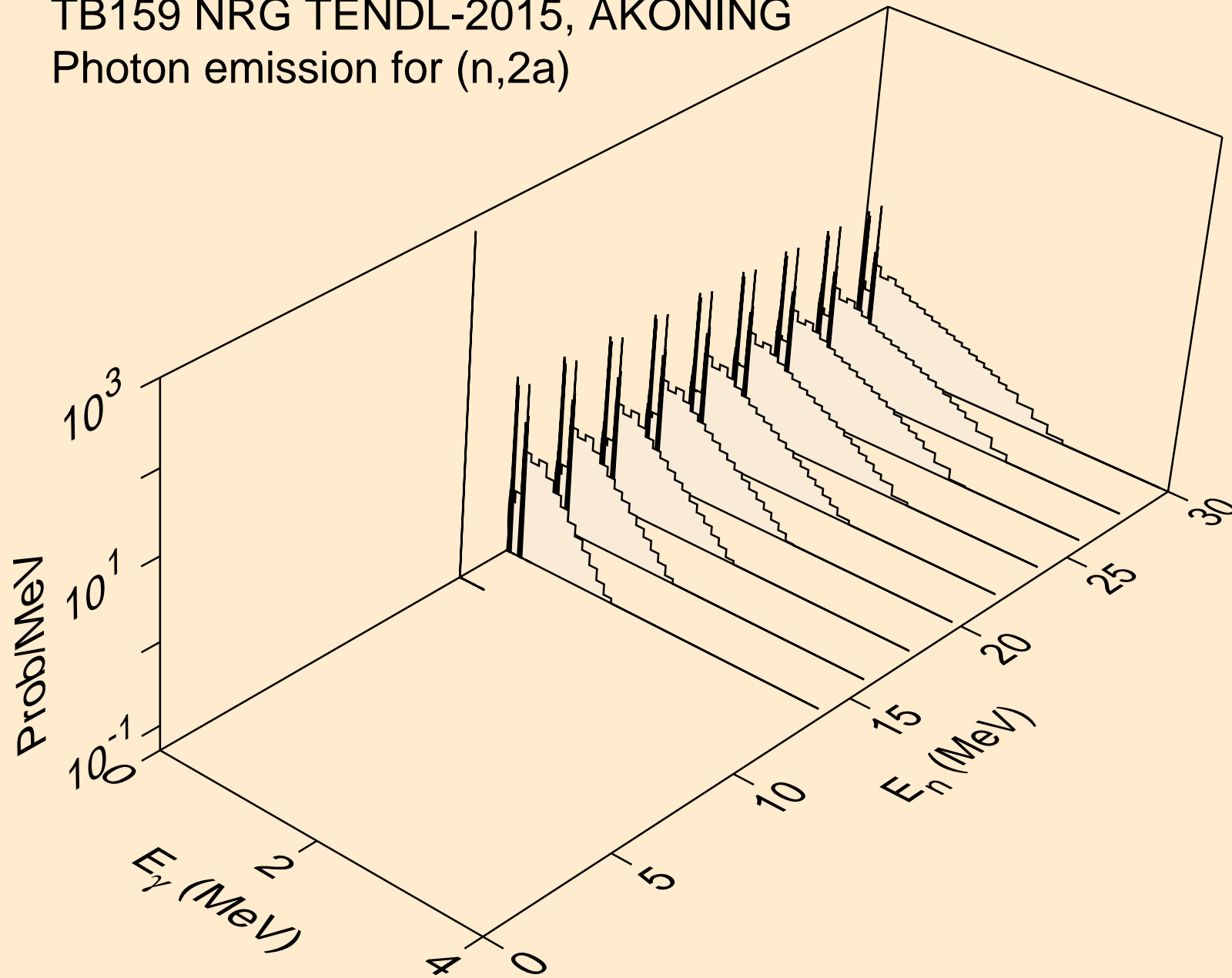
TB159 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



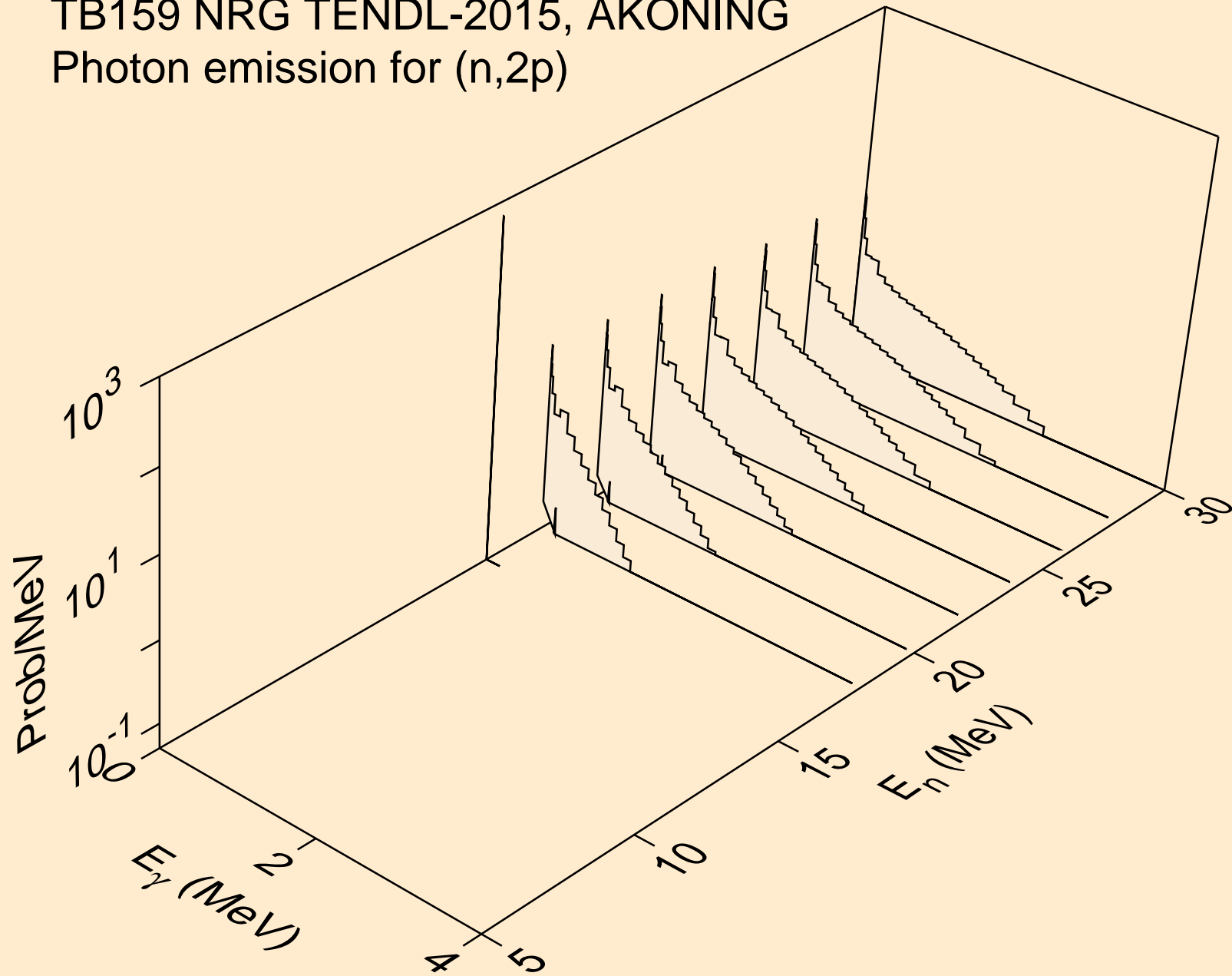
TB159 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



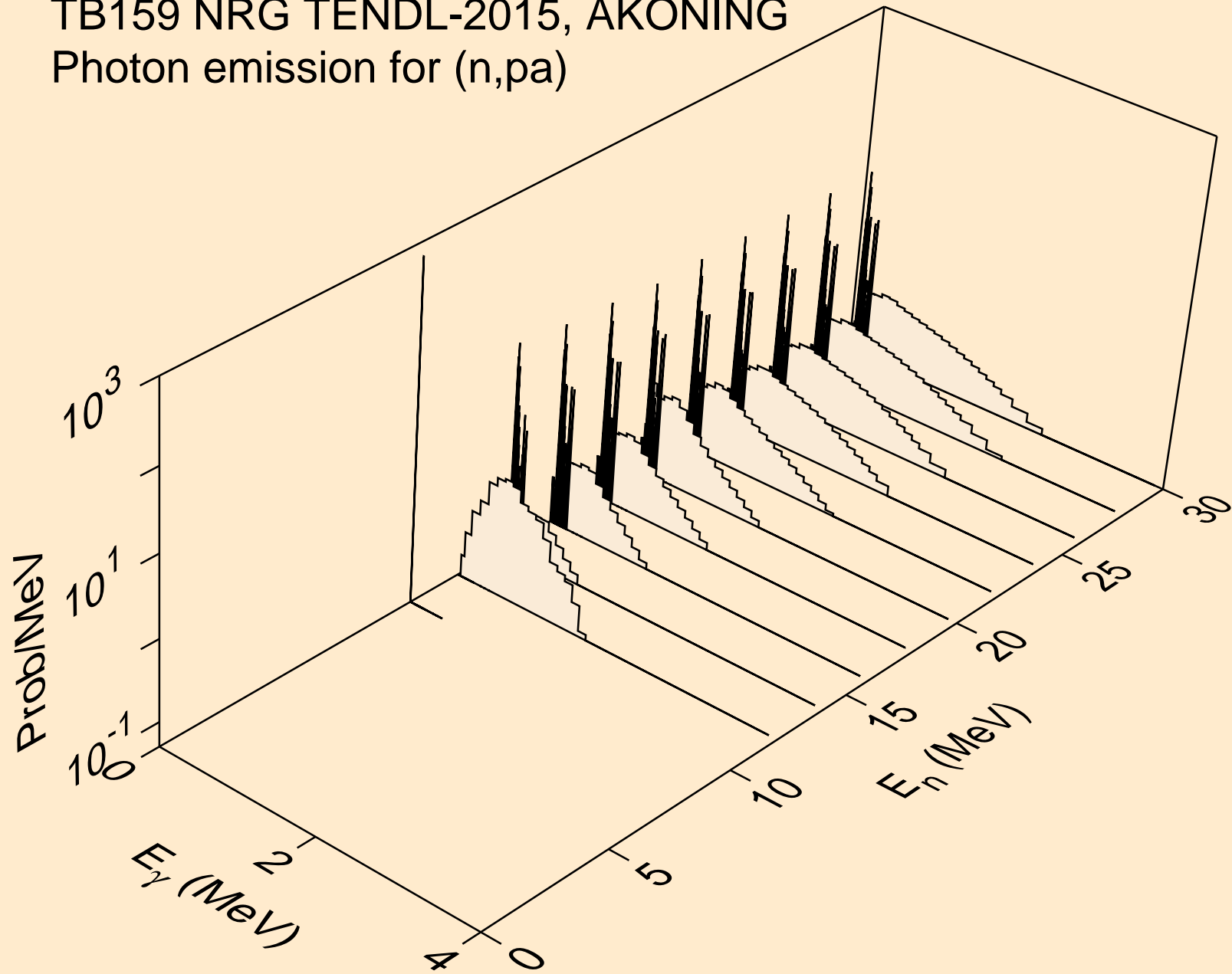
TB159 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



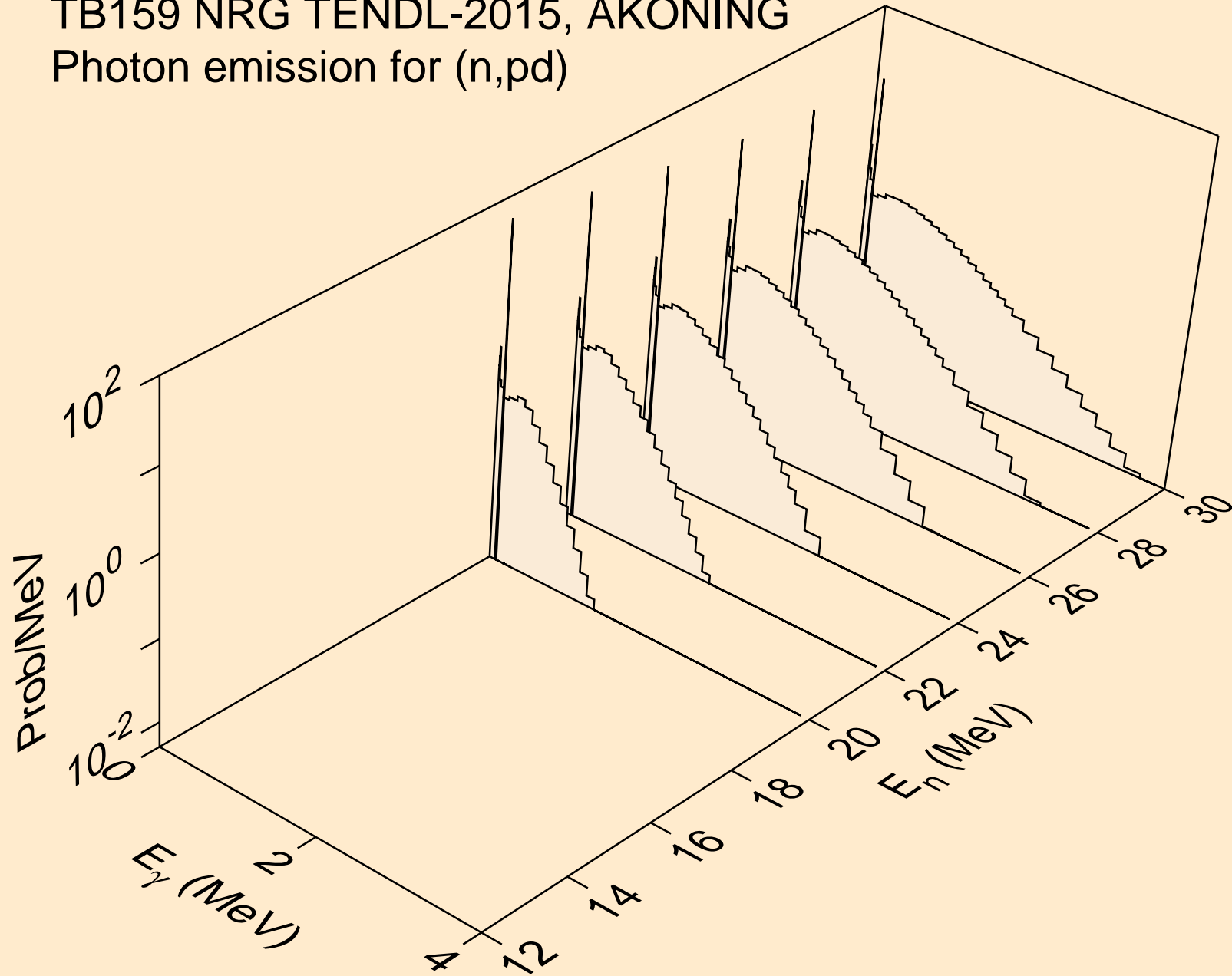
TB159 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



TB159 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )

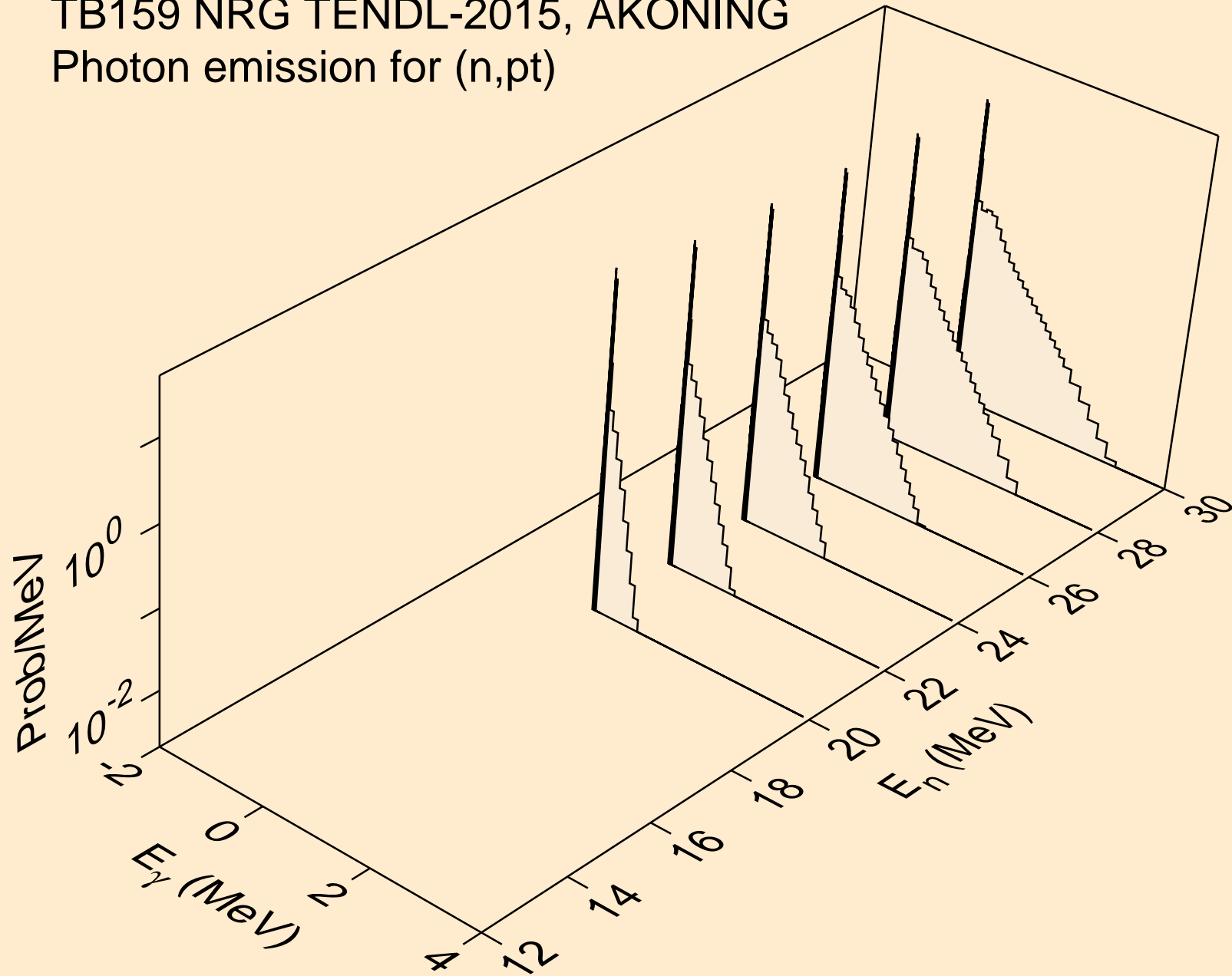


TB159 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)

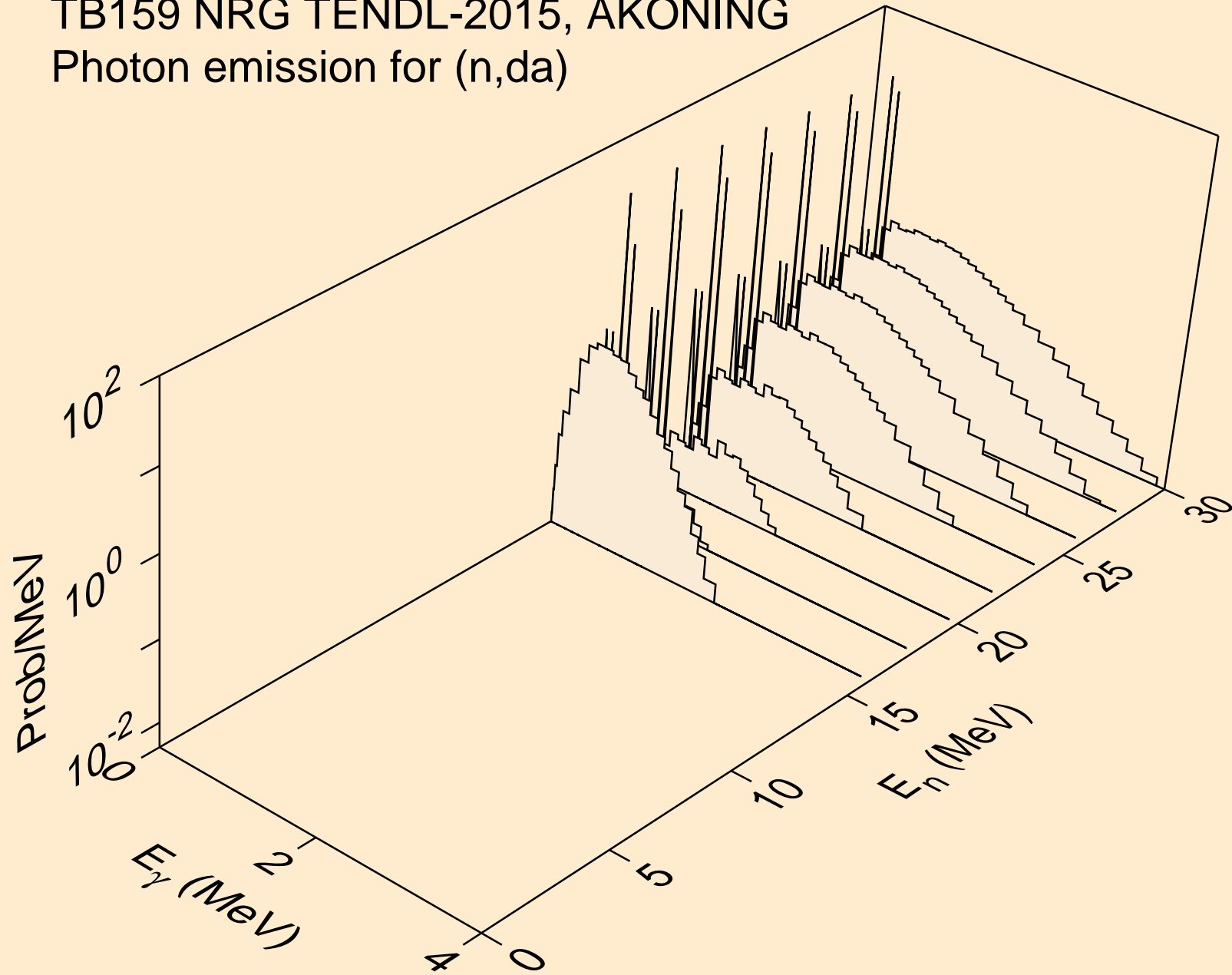




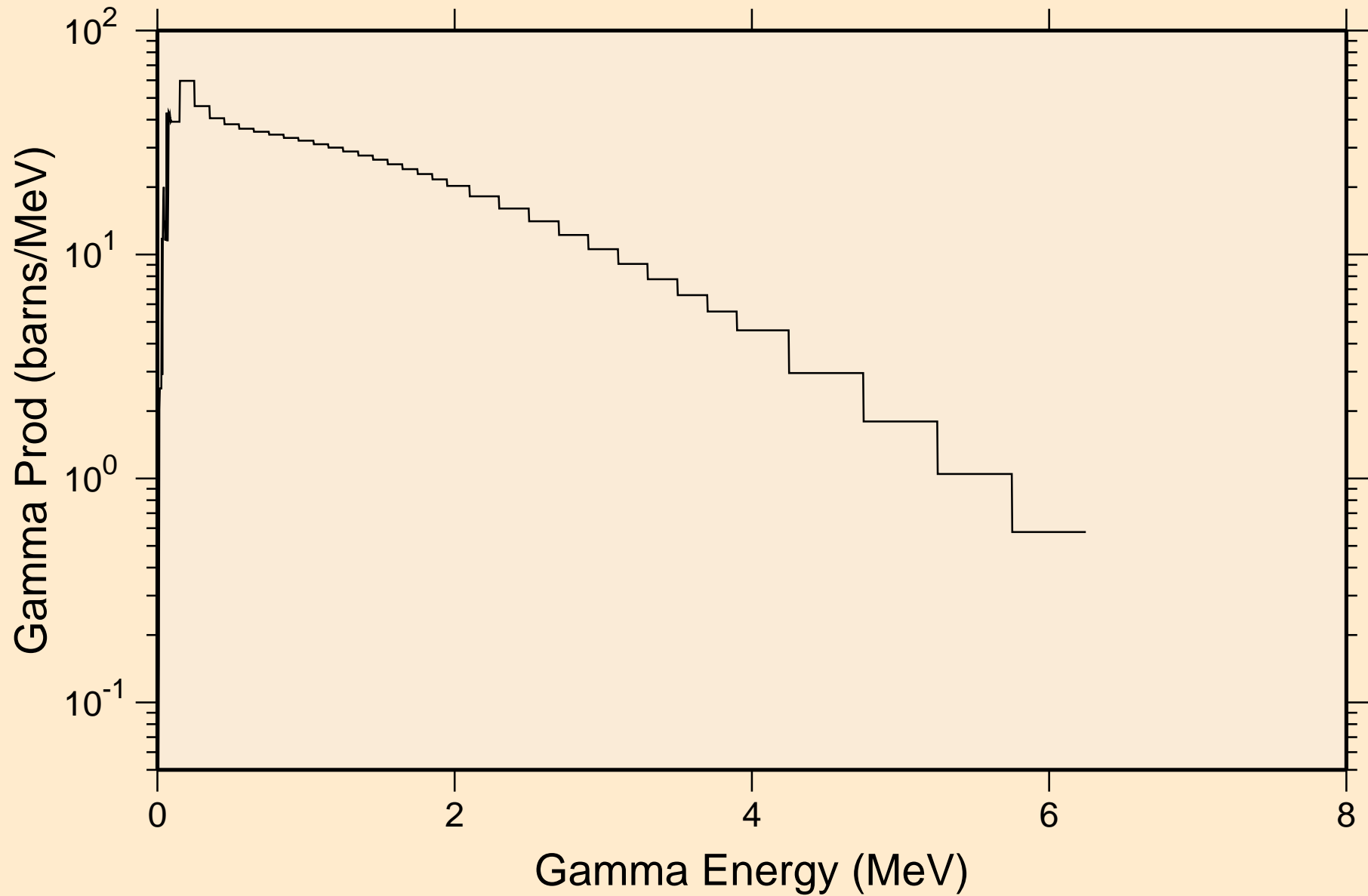
TB159 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



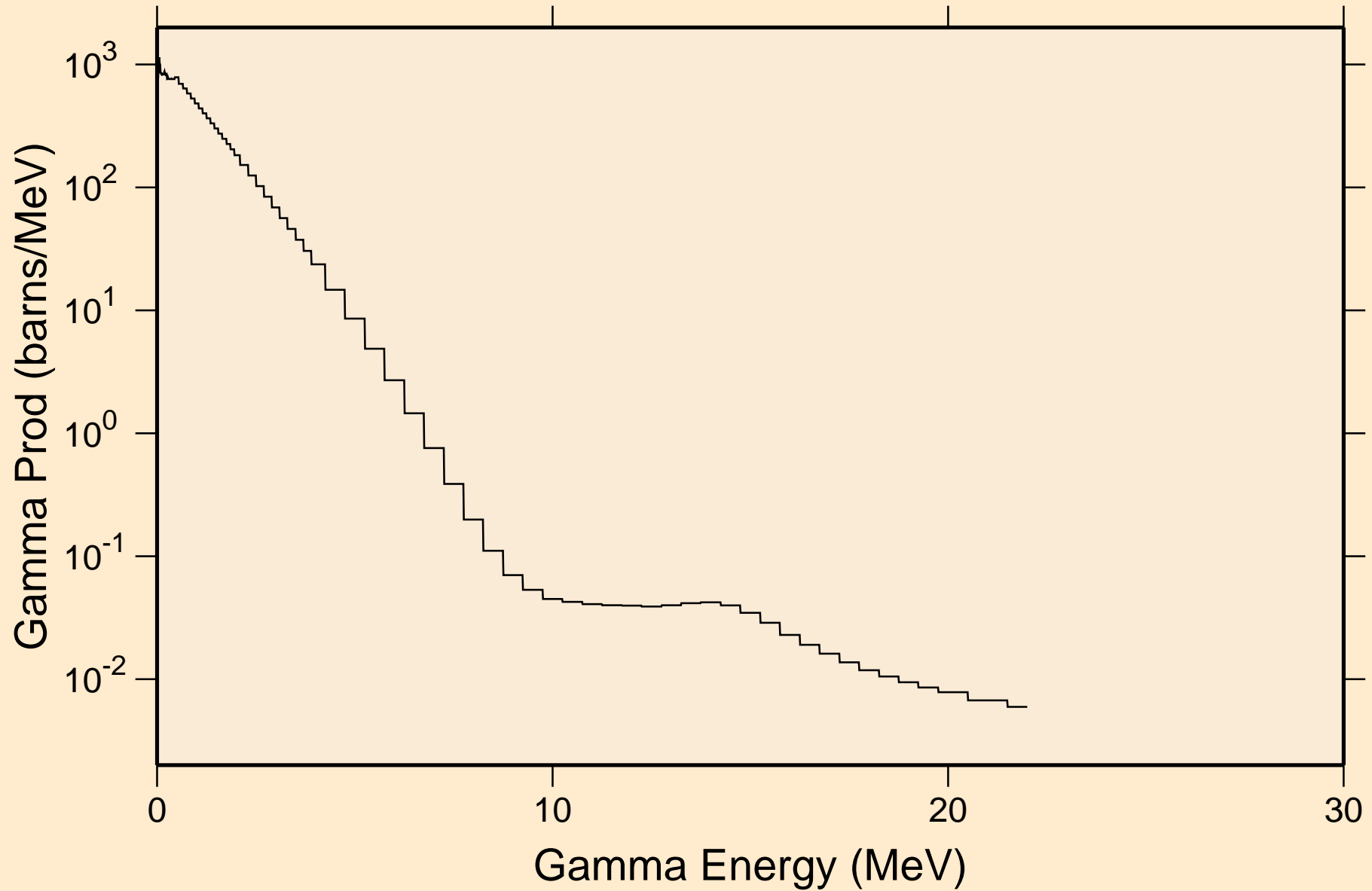
TB159 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



TB159 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

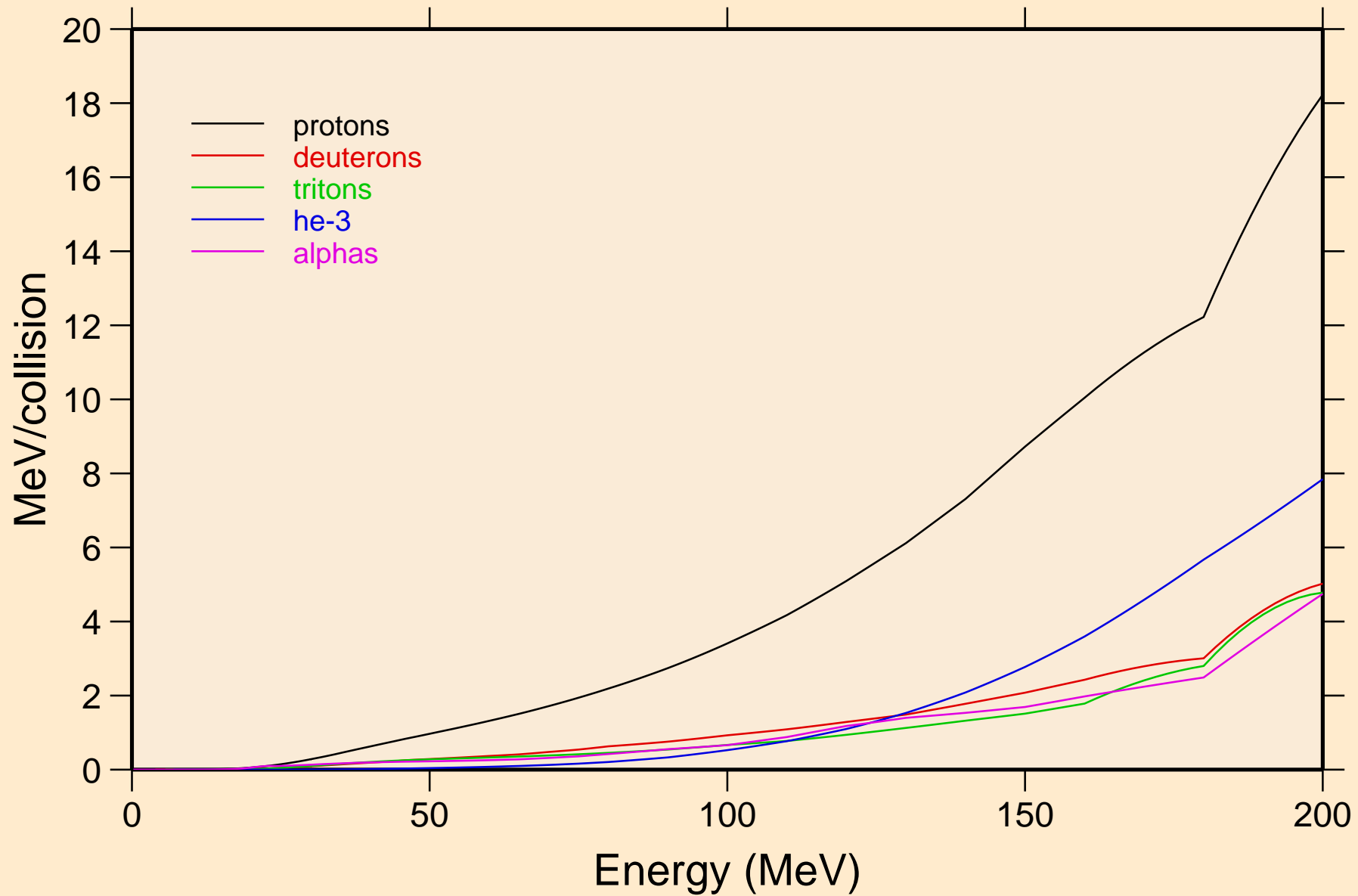


TB159 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



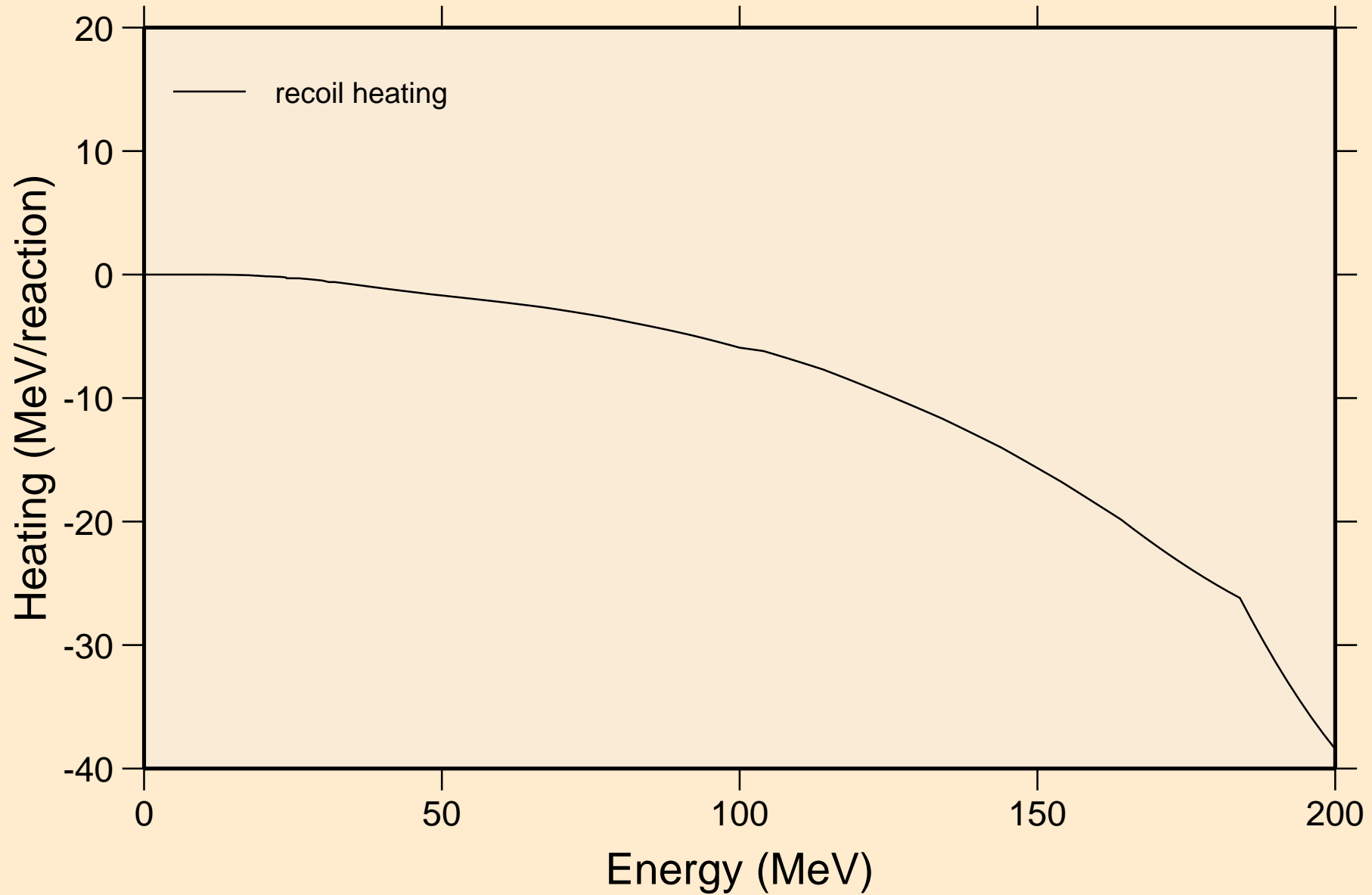
# TB159 NRG TENDL-2015, AKONING

## Particle heating contributions



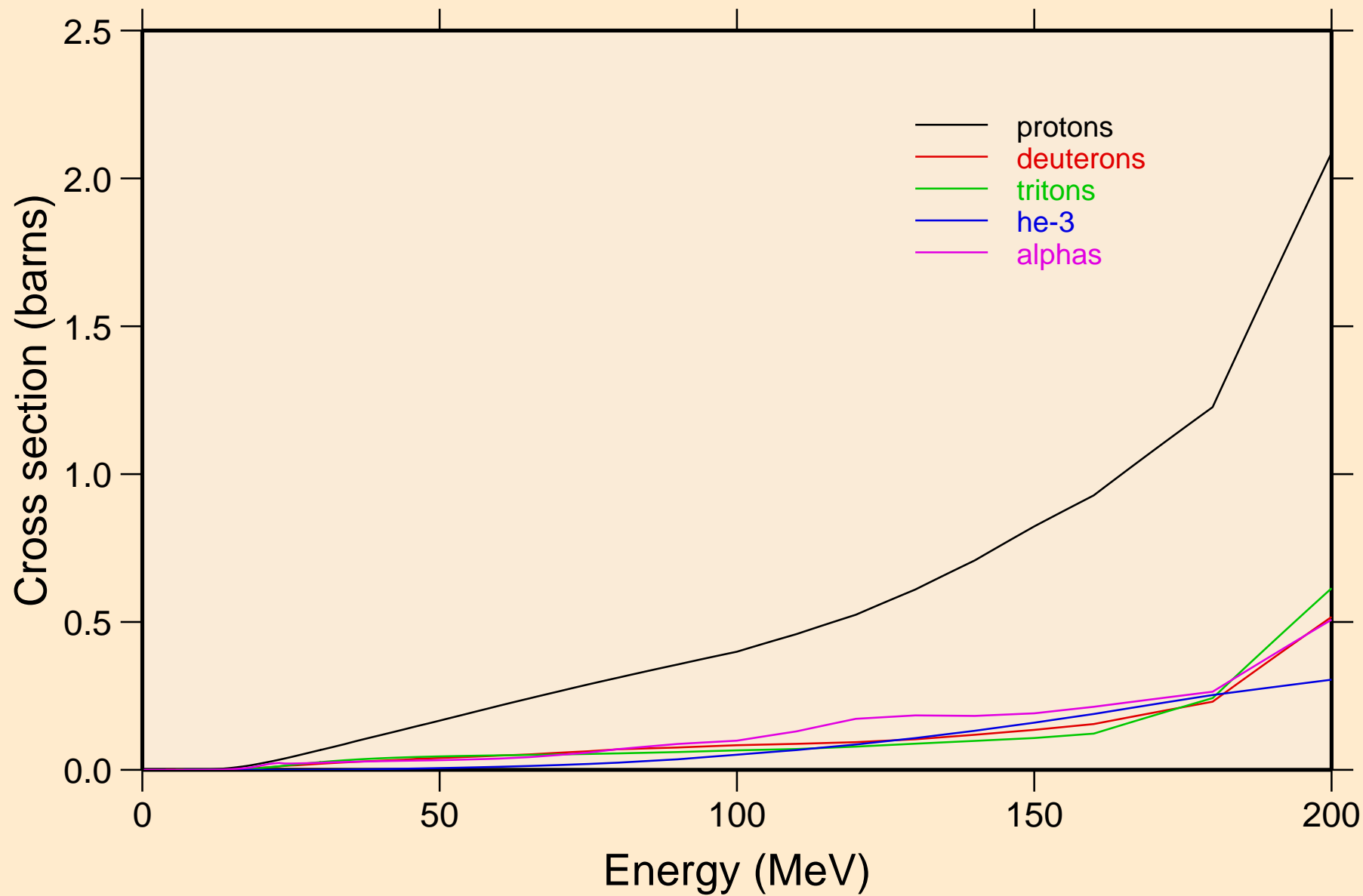
# TB159 NRG TENDL-2015, AKONING

## Recoil Heating

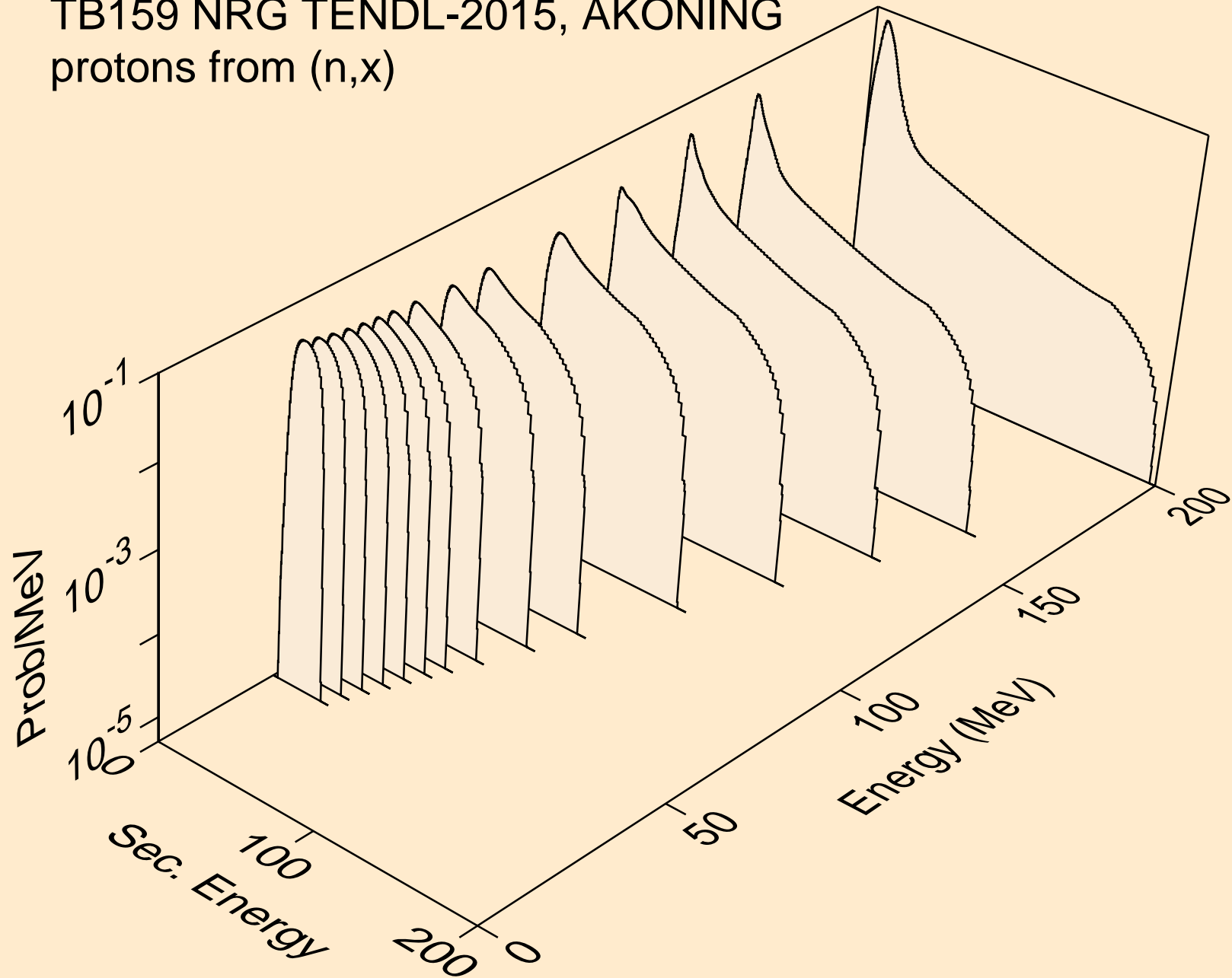


# TB159 NRG TENDL-2015, AKONING

## Particle production cross sections

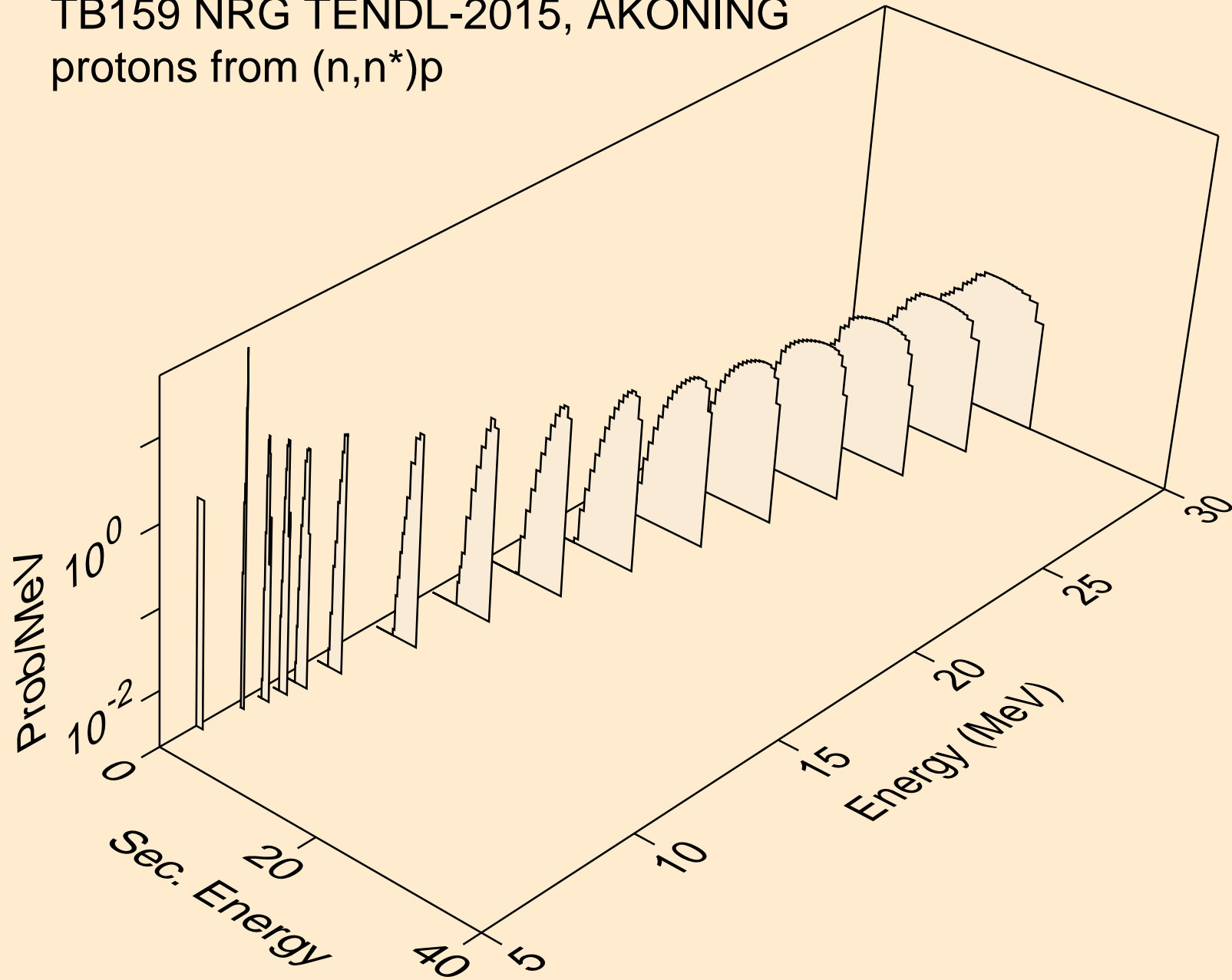


TB159 NRG TENDL-2015, AKONING  
protons from (n,x)

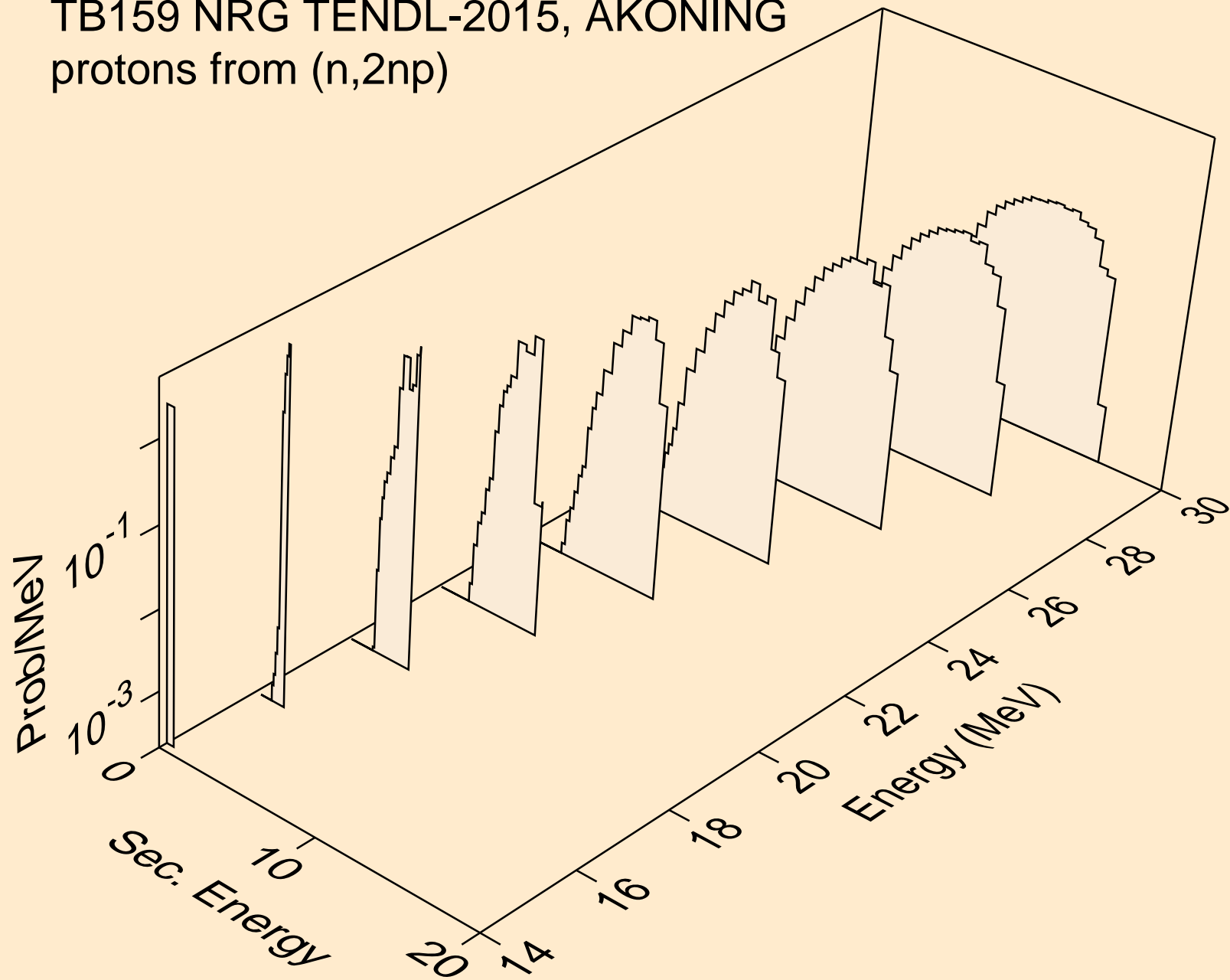




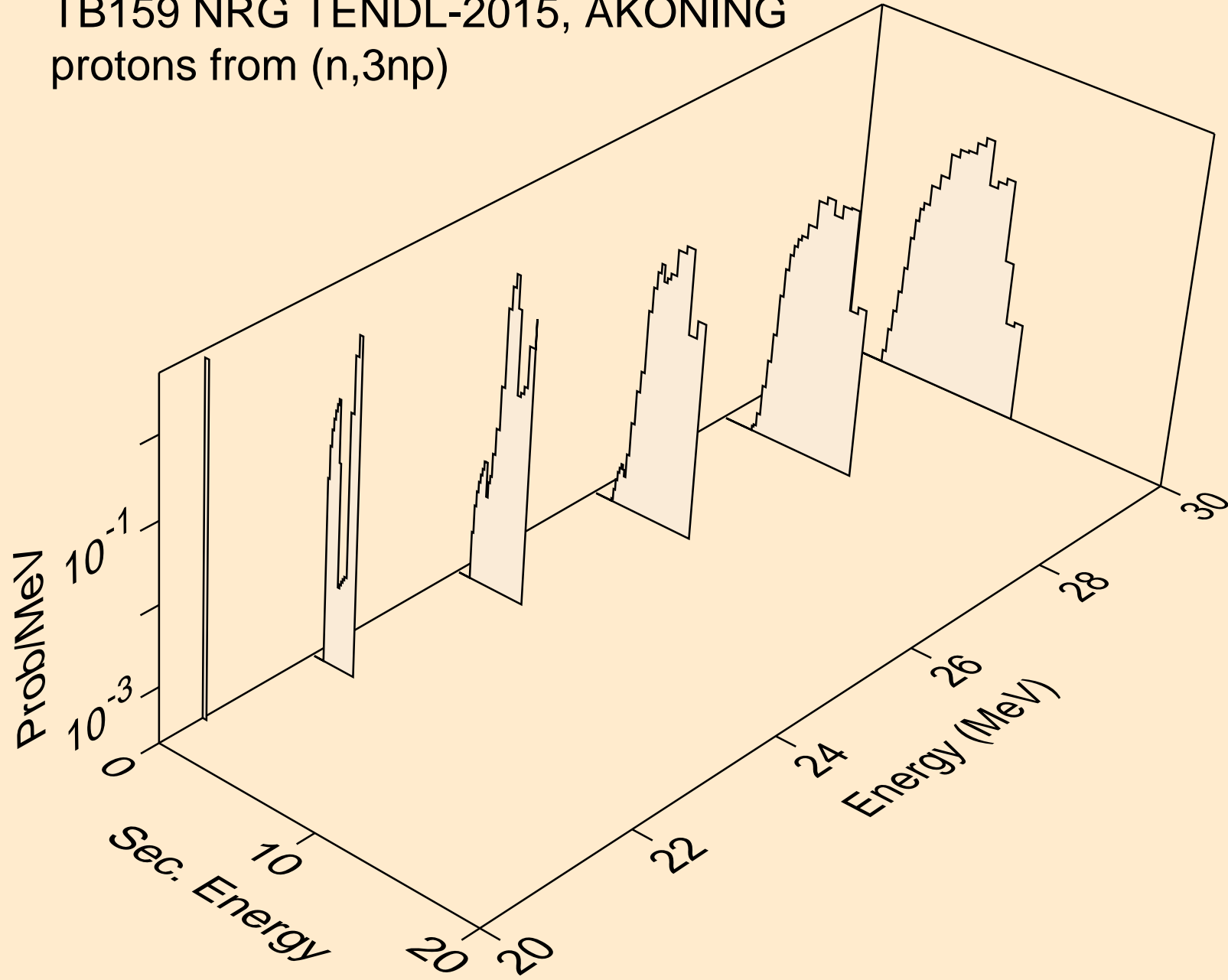
TB159 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



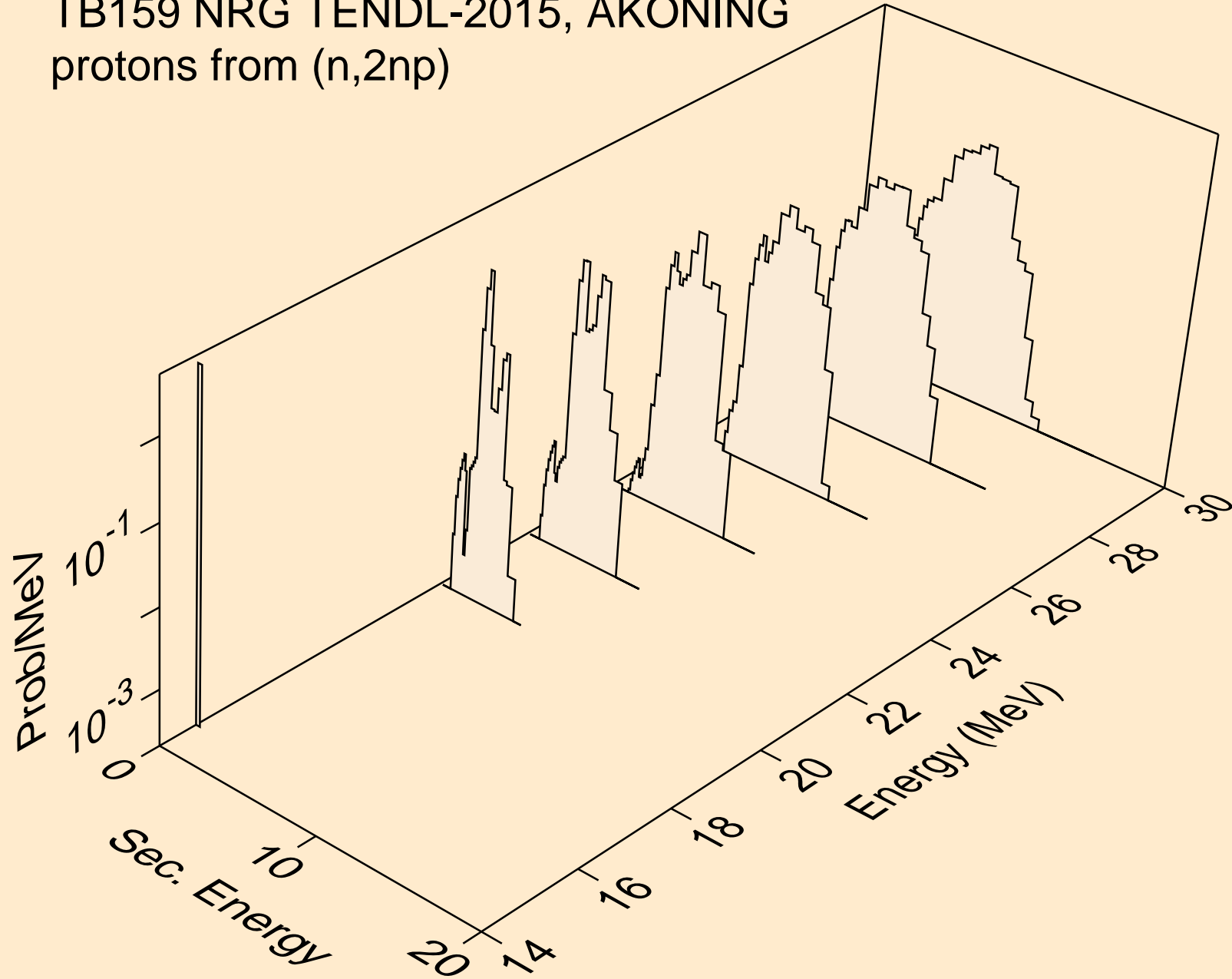
TB159 NRG TENDL-2015, AKONING  
protons from (n,2np)



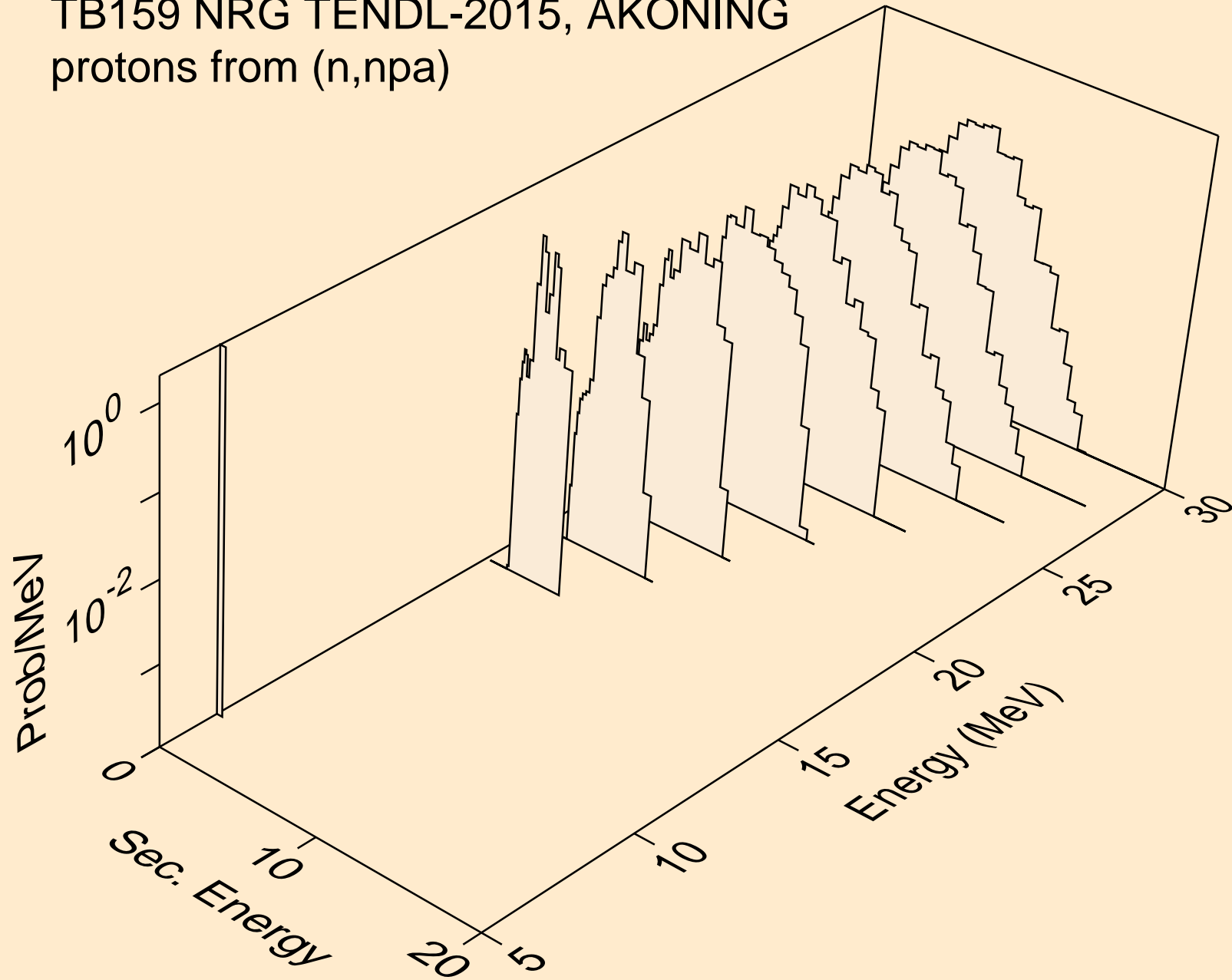
TB159 NRG TENDL-2015, AKONING  
protons from (n,3np)



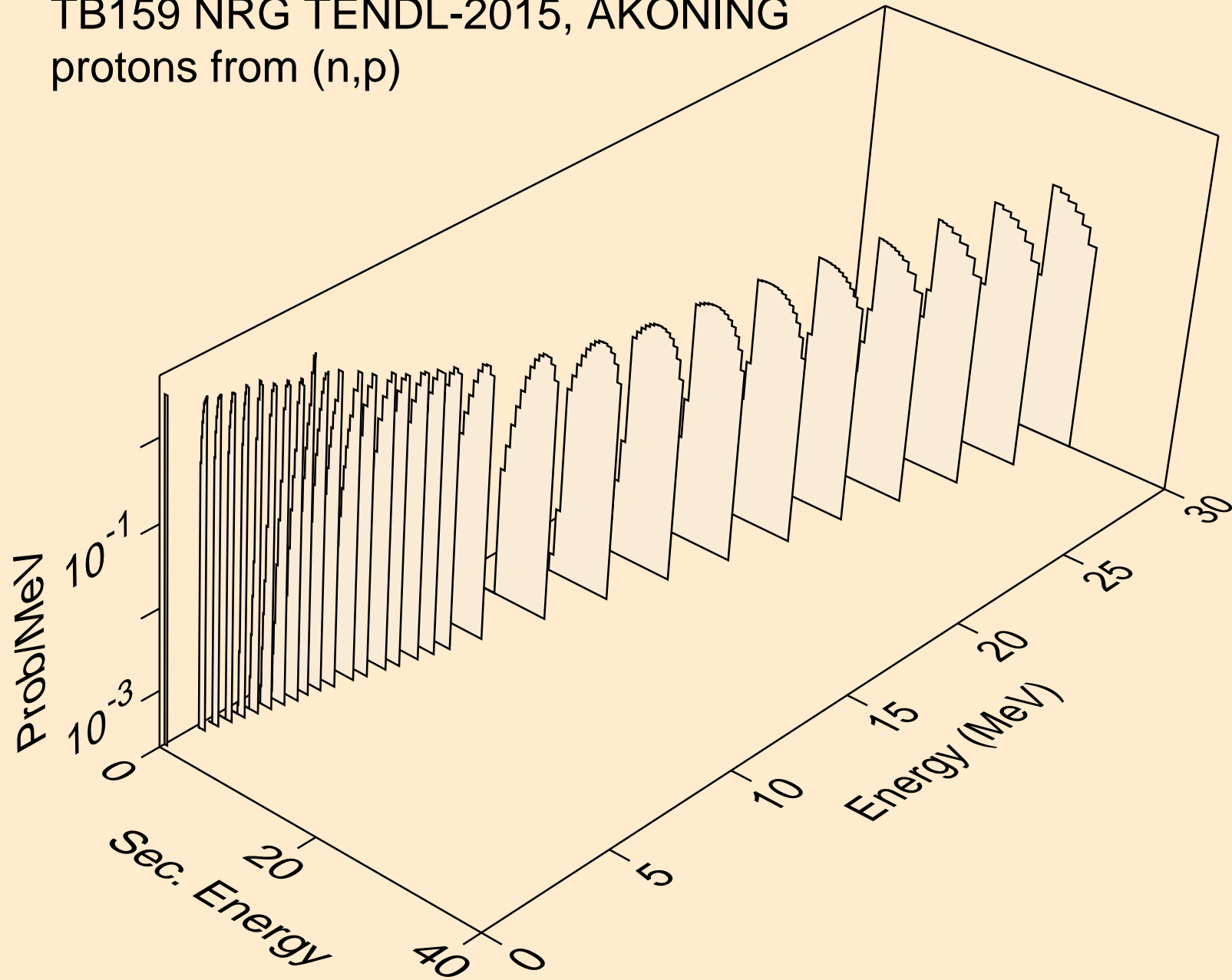
TB159 NRG TENDL-2015, AKONING  
protons from (n,2np)



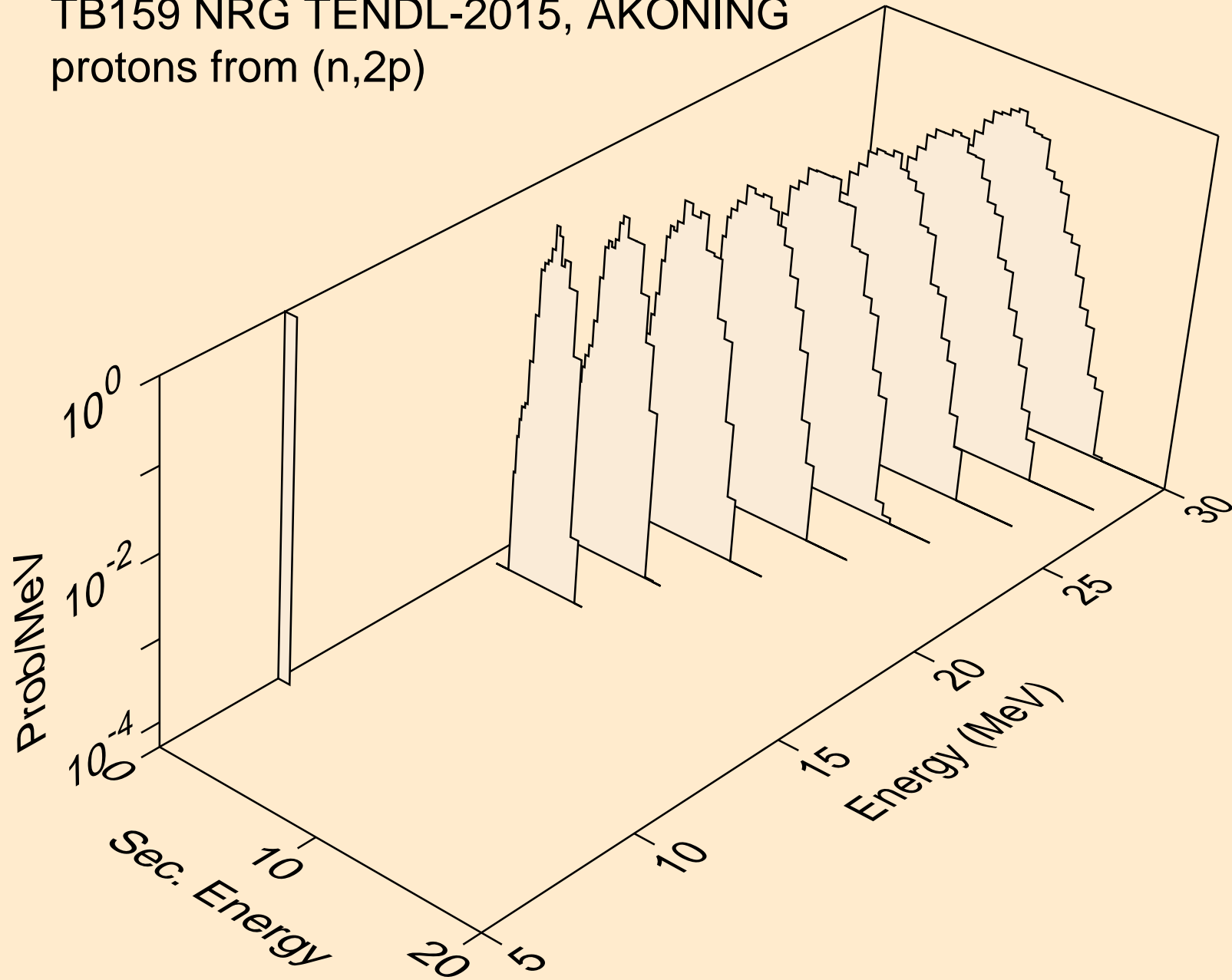
TB159 NRG TENDL-2015, AKONING  
protons from (n,npa)



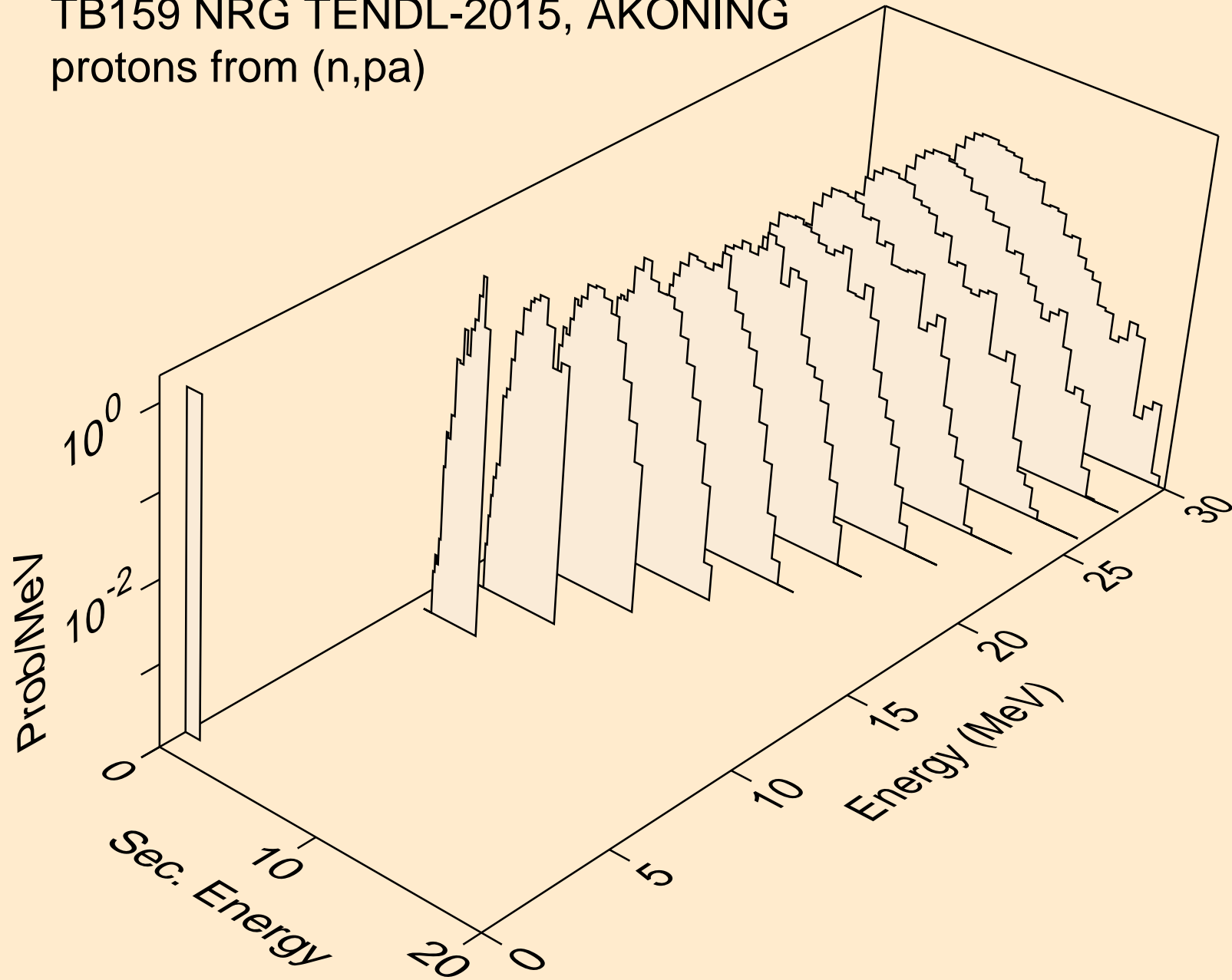
TB159 NRG TENDL-2015, AKONING  
protons from (n,p)



TB159 NRG TENDL-2015, AKONING  
protons from (n,2p)

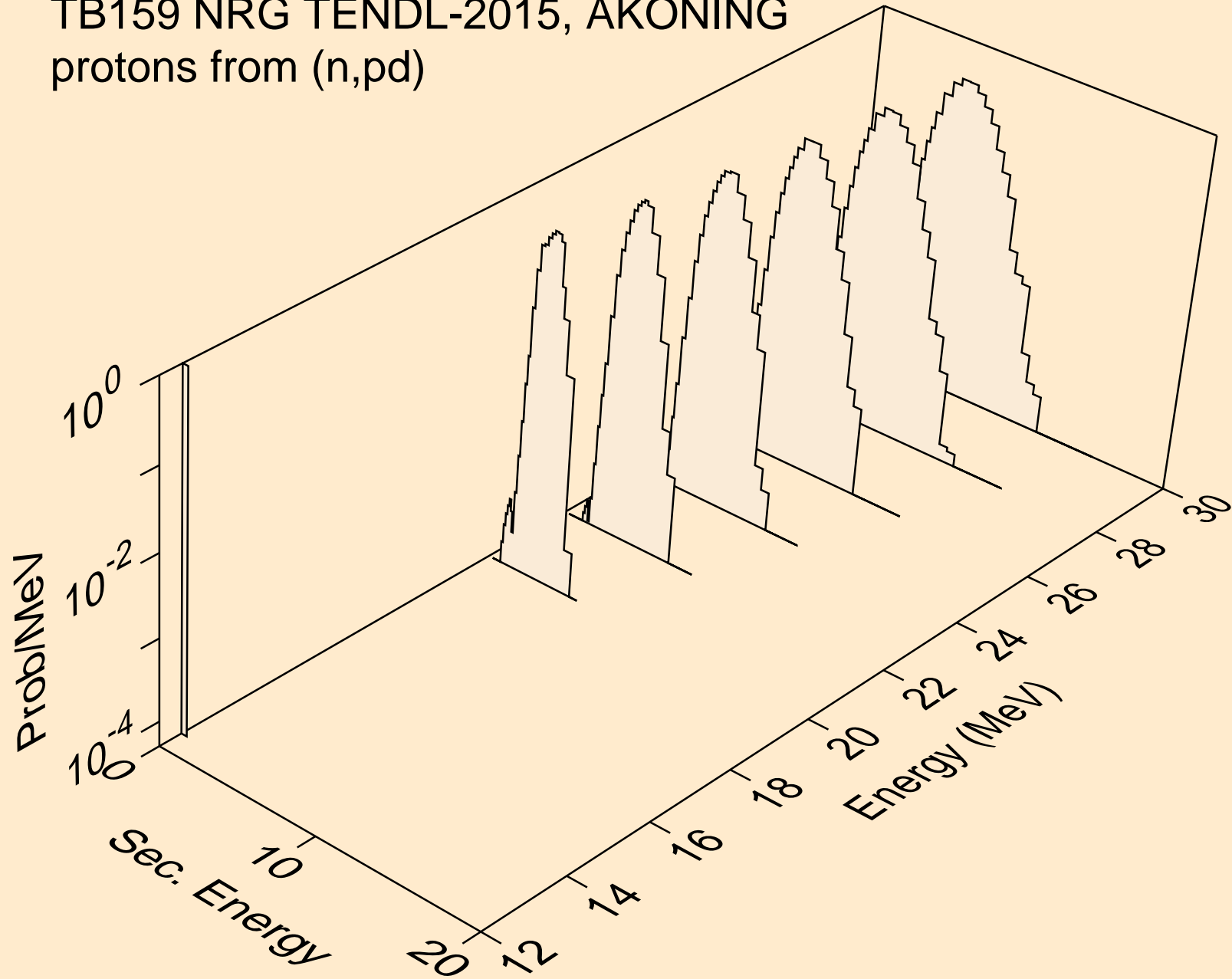


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protons from (n,pa)

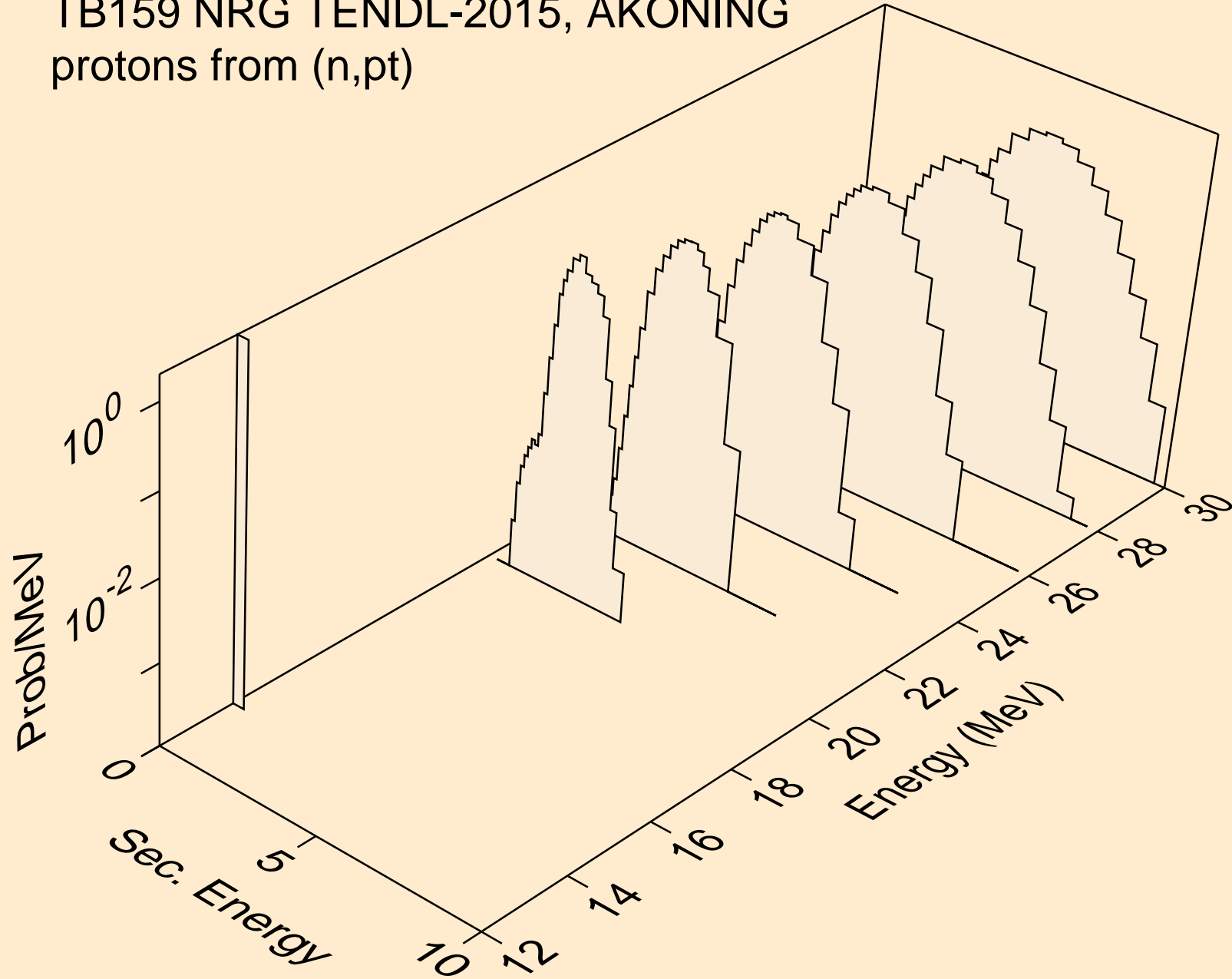




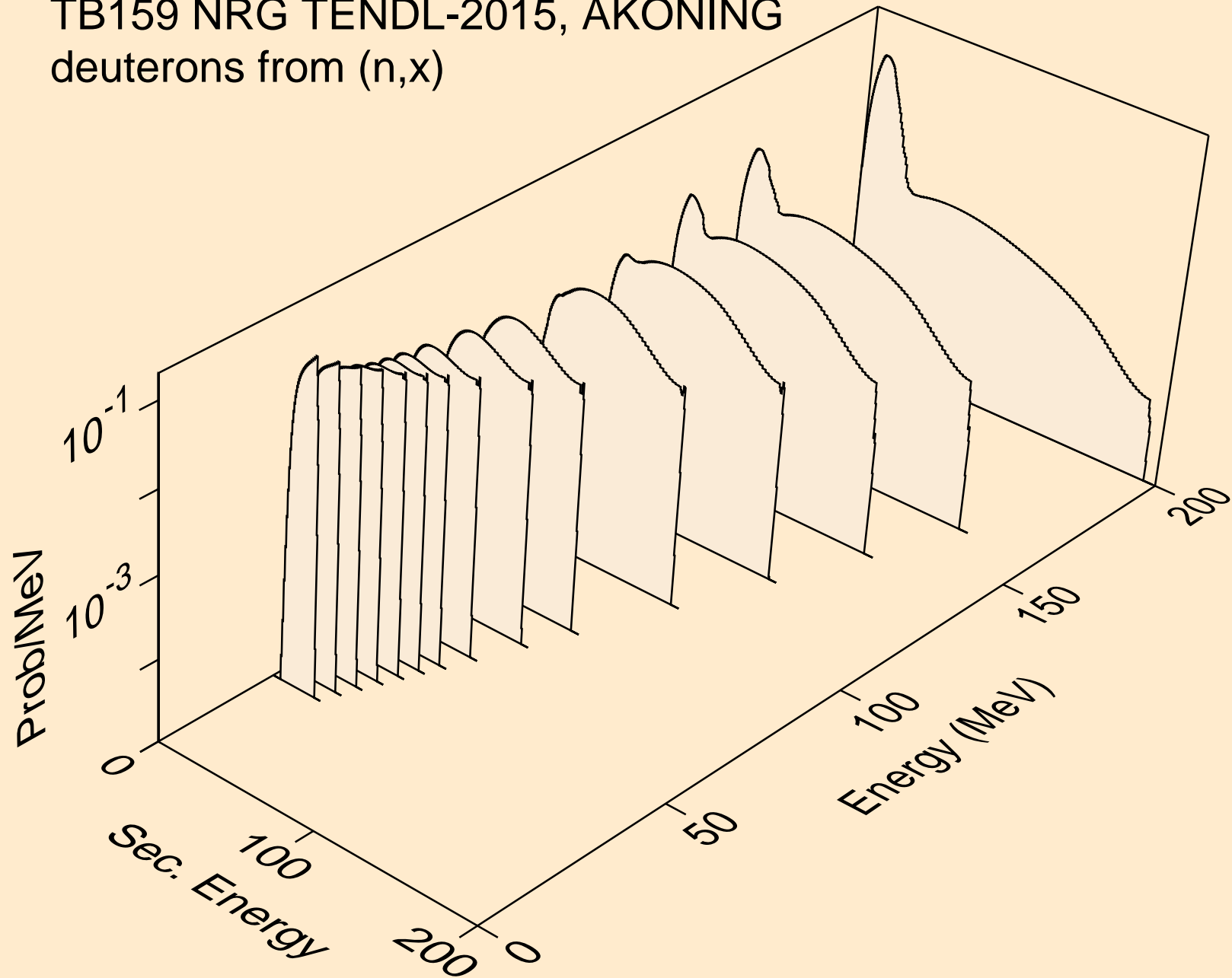
TB159 NRG TENDL-2015, AKONING  
protons from (n,pd)



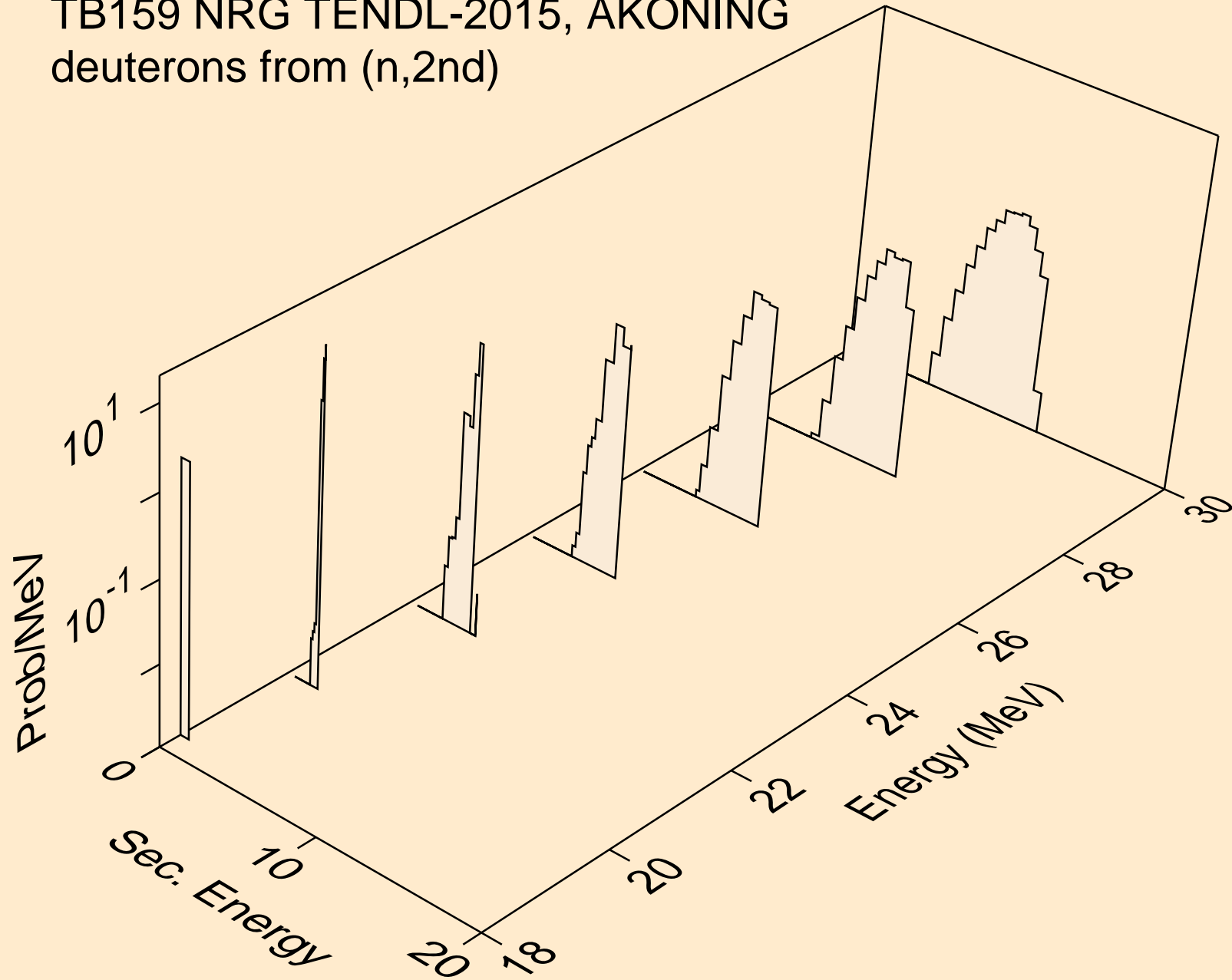
TB159 NRG TENDL-2015, AKONING  
protons from (n,pt)



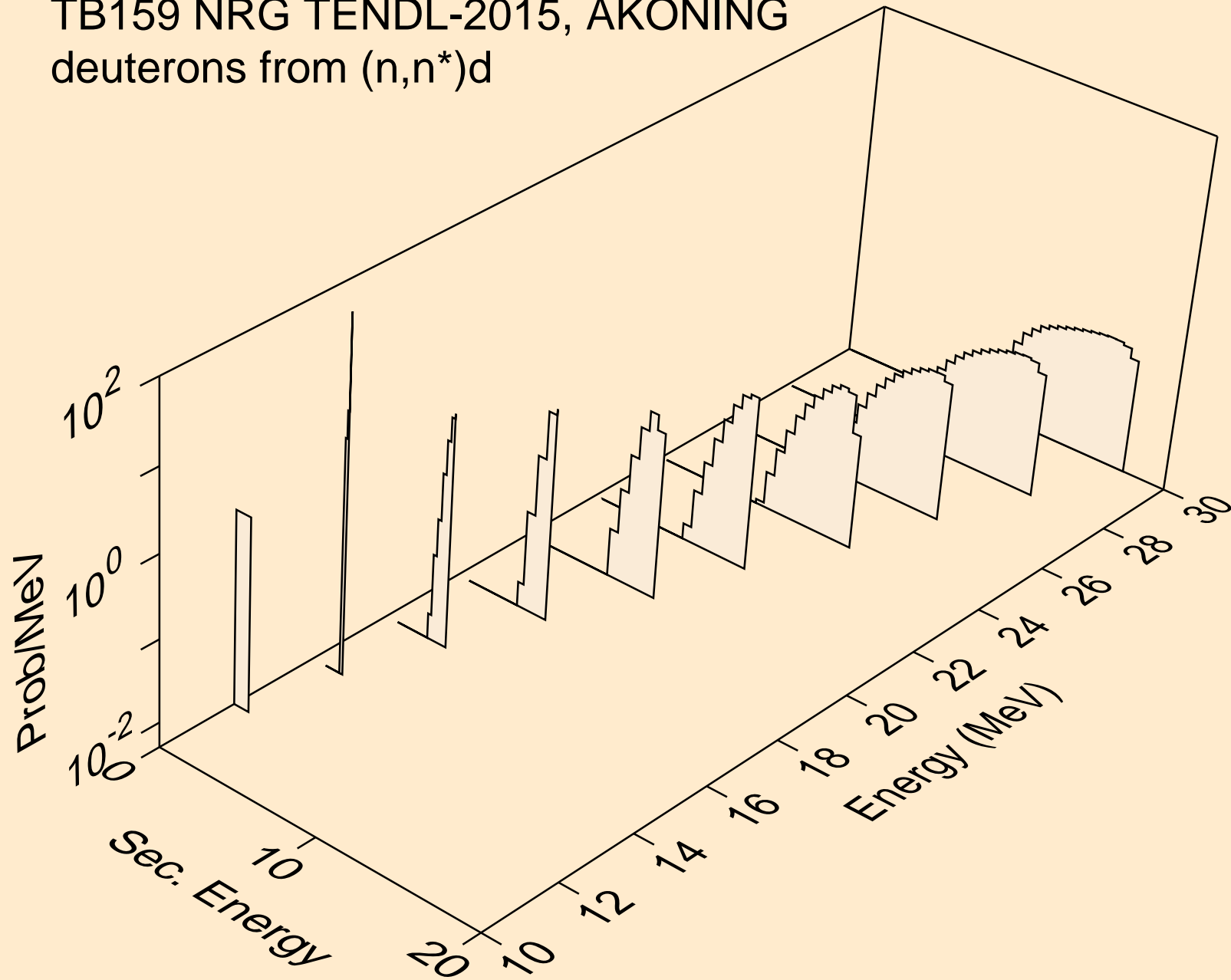
TB159 NRG TENDL-2015, AKONING  
deuterons from (n,x)



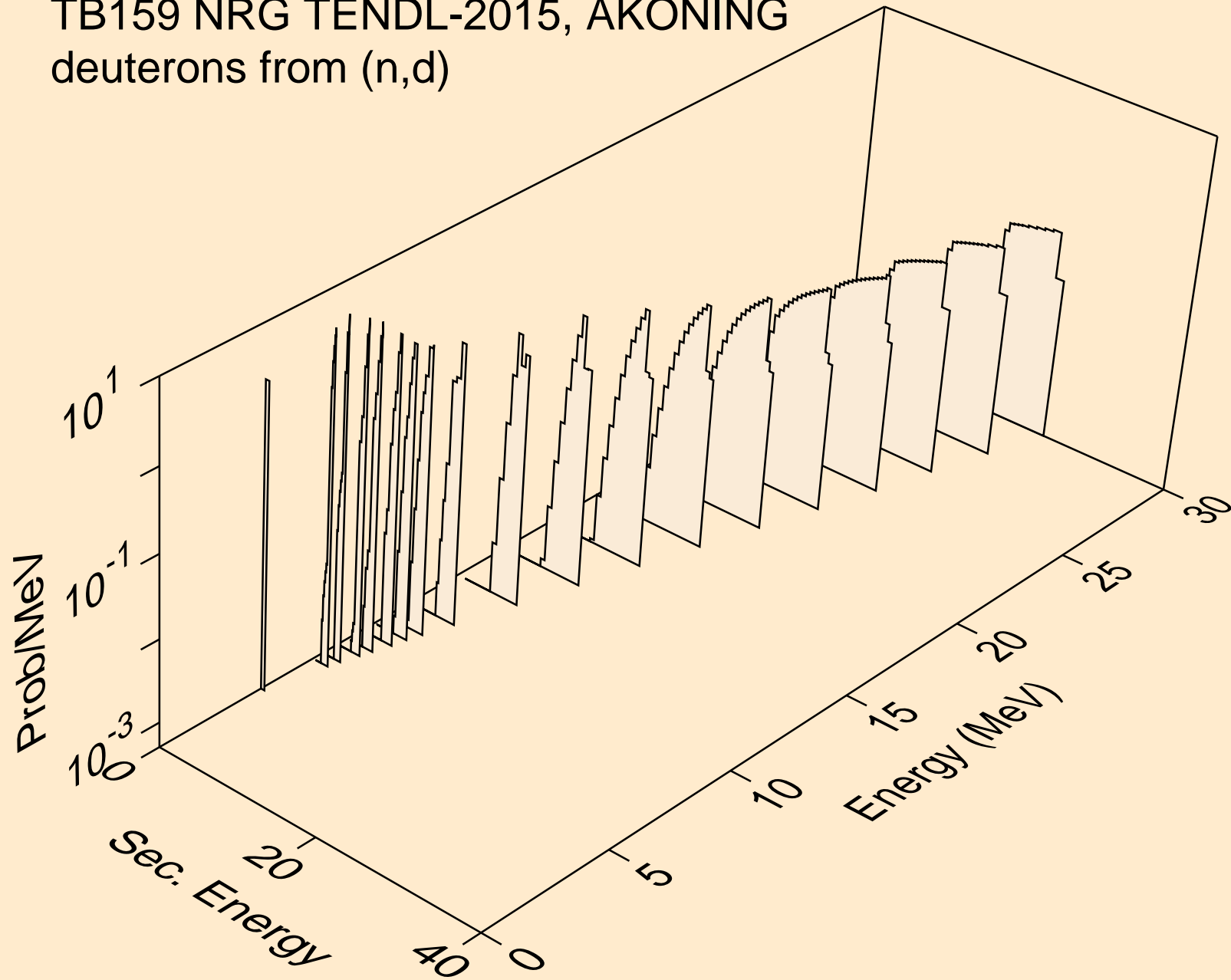
TB159 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



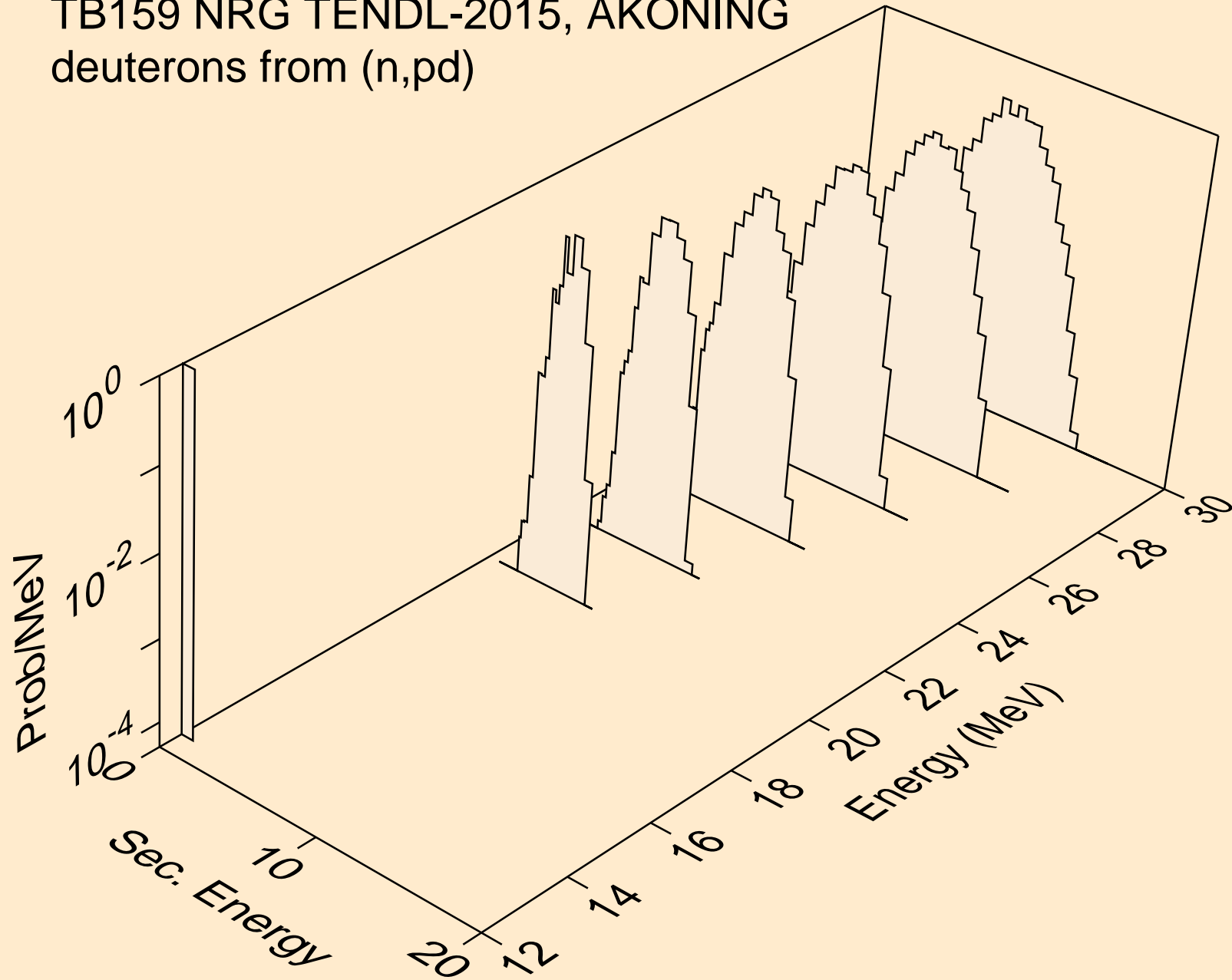
TB159 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



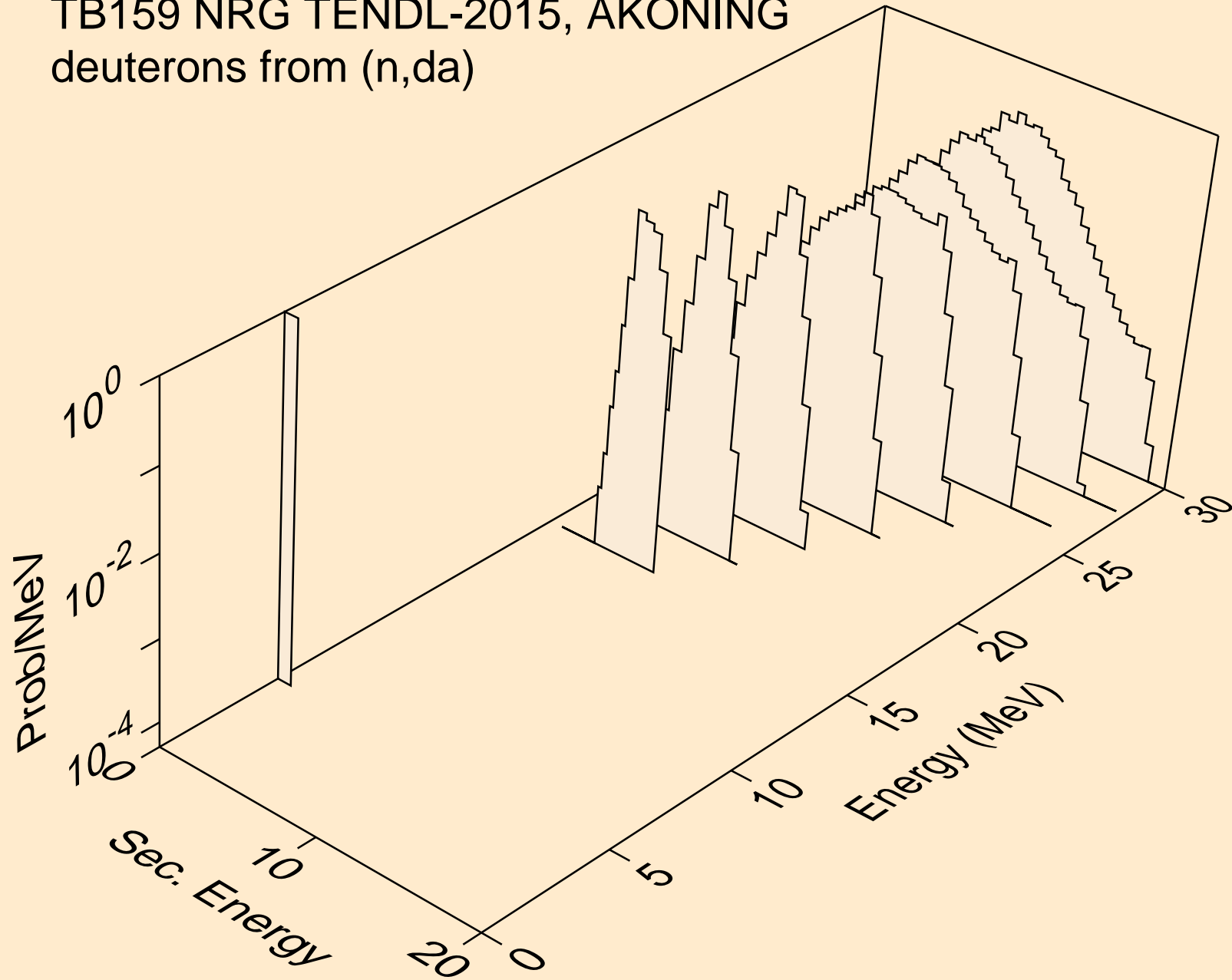
TB159 NRG TENDL-2015, AKONING  
deuterons from (n,d)



TB159 NRG TENDL-2015, AKONING  
deuterons from (n,pd)

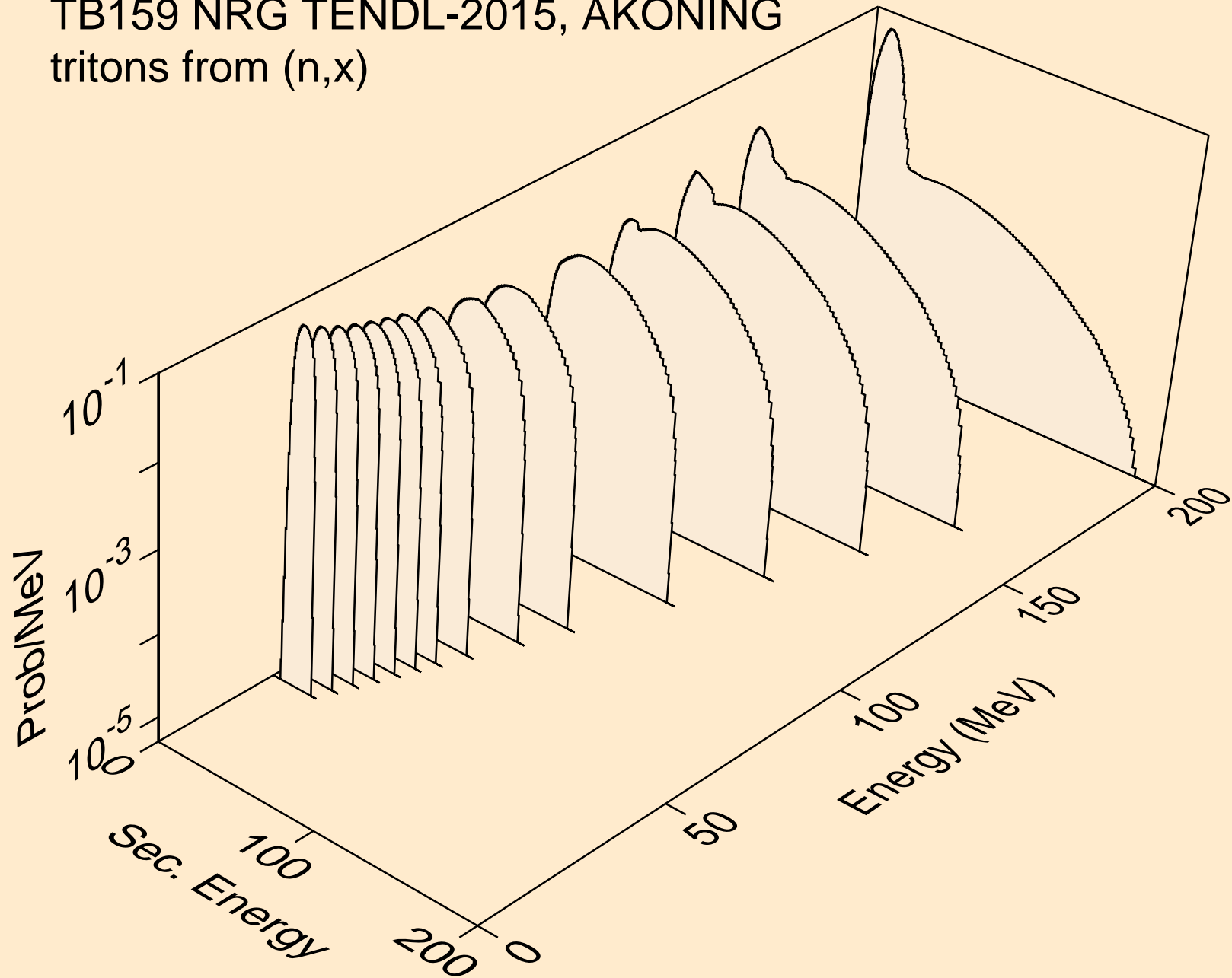


TB159 NRG TENDL-2015, AKONING  
deuterons from (n,da)

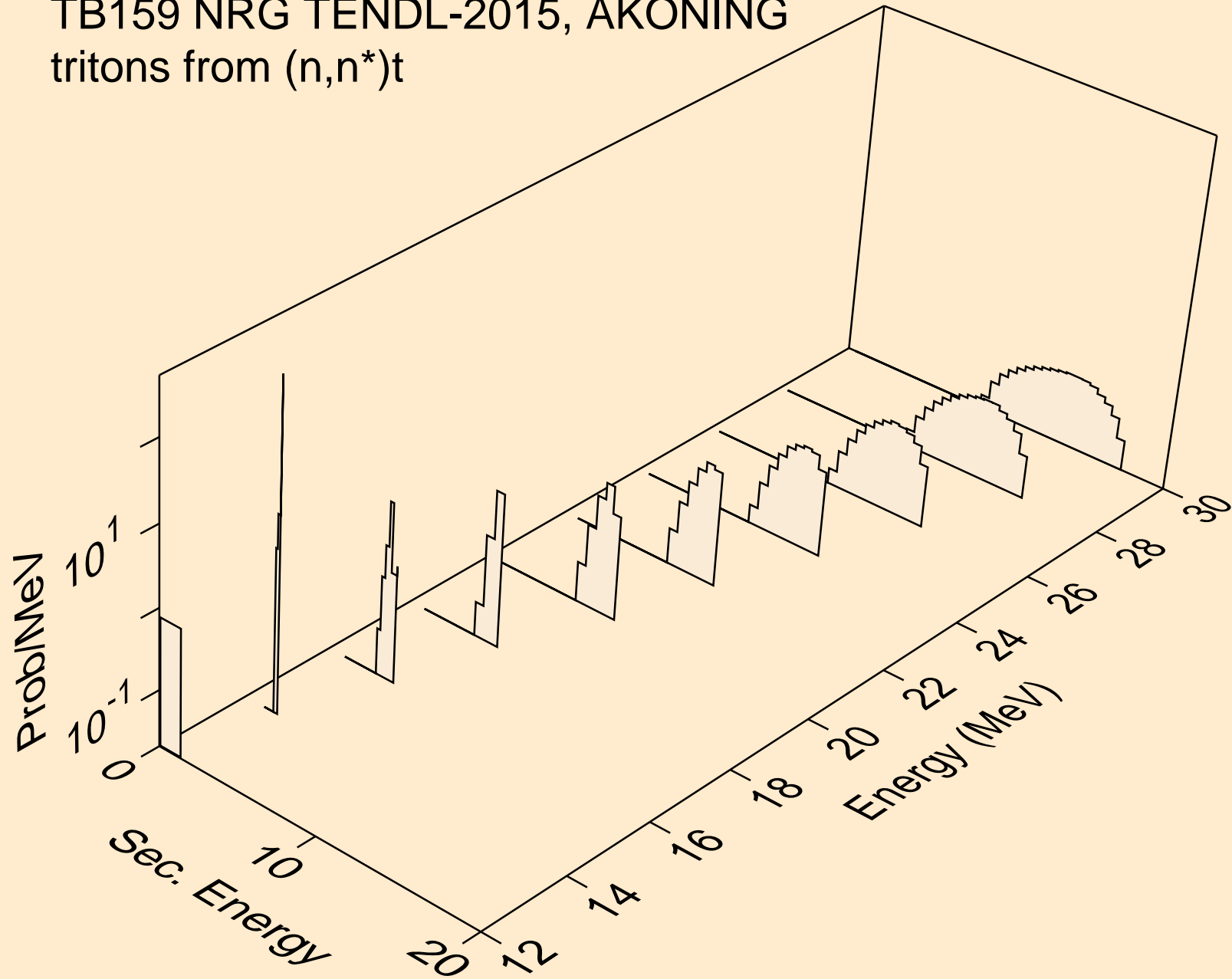




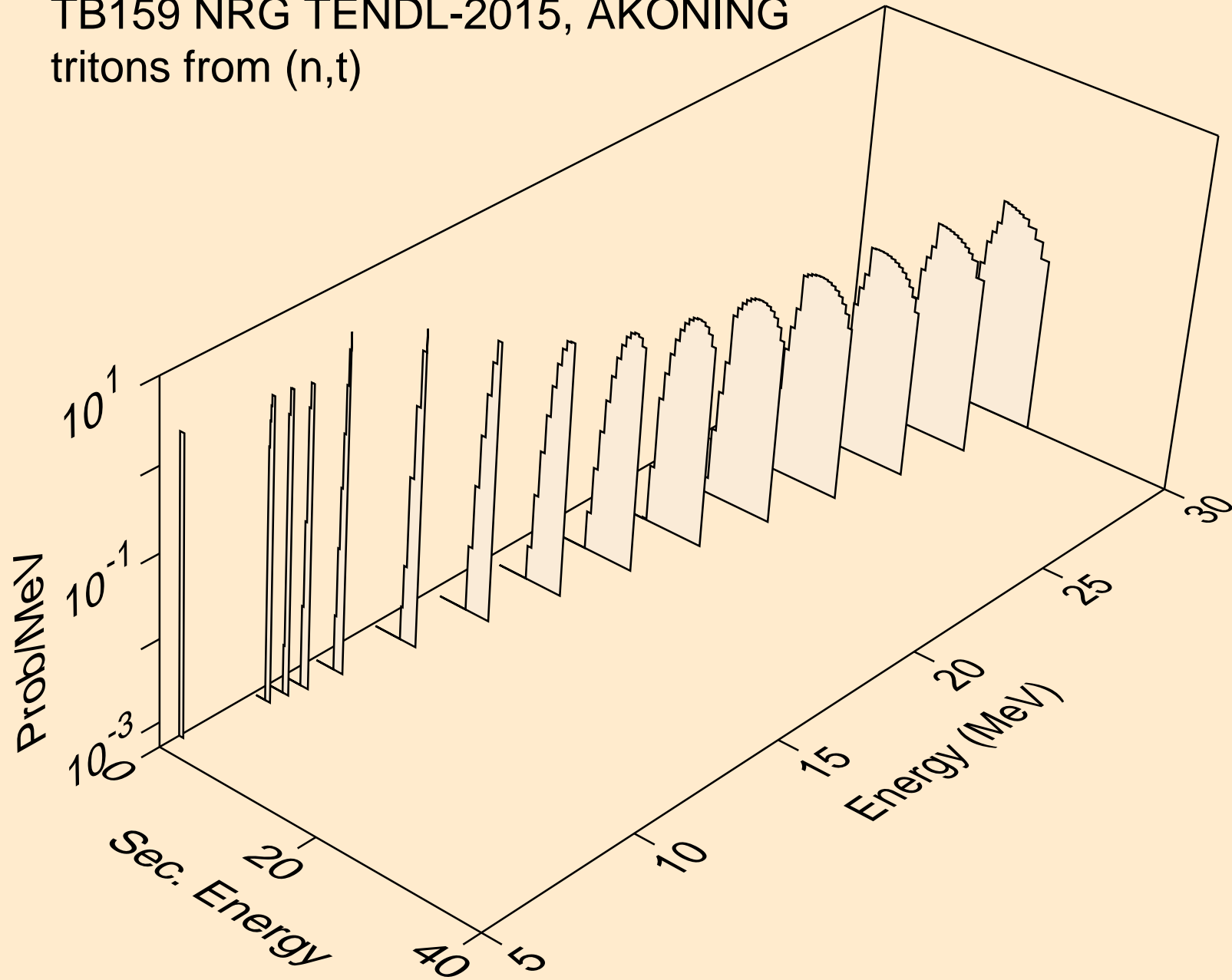
TB159 NRG TENDL-2015, AKONING  
tritons from (n,x)



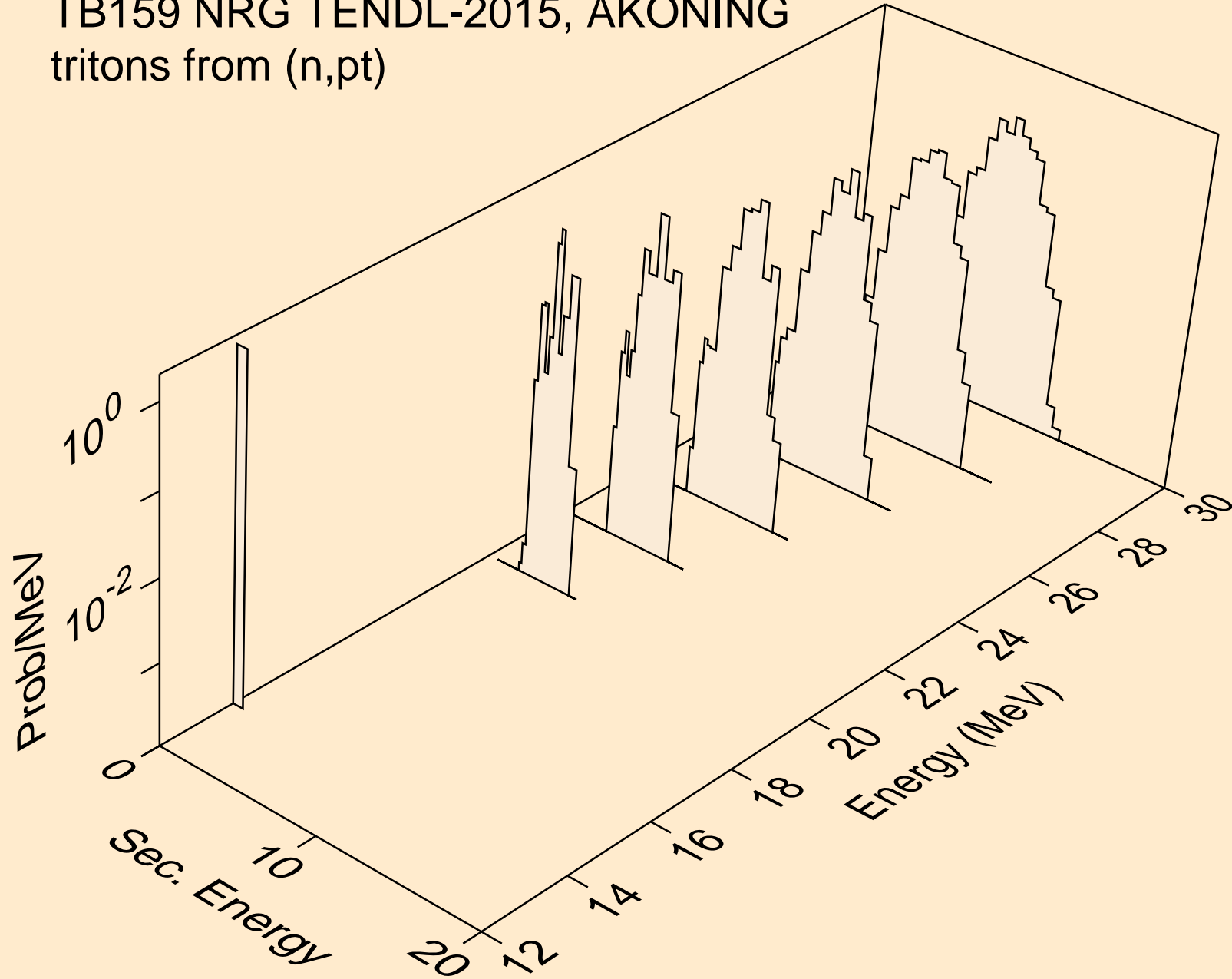
TB159 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



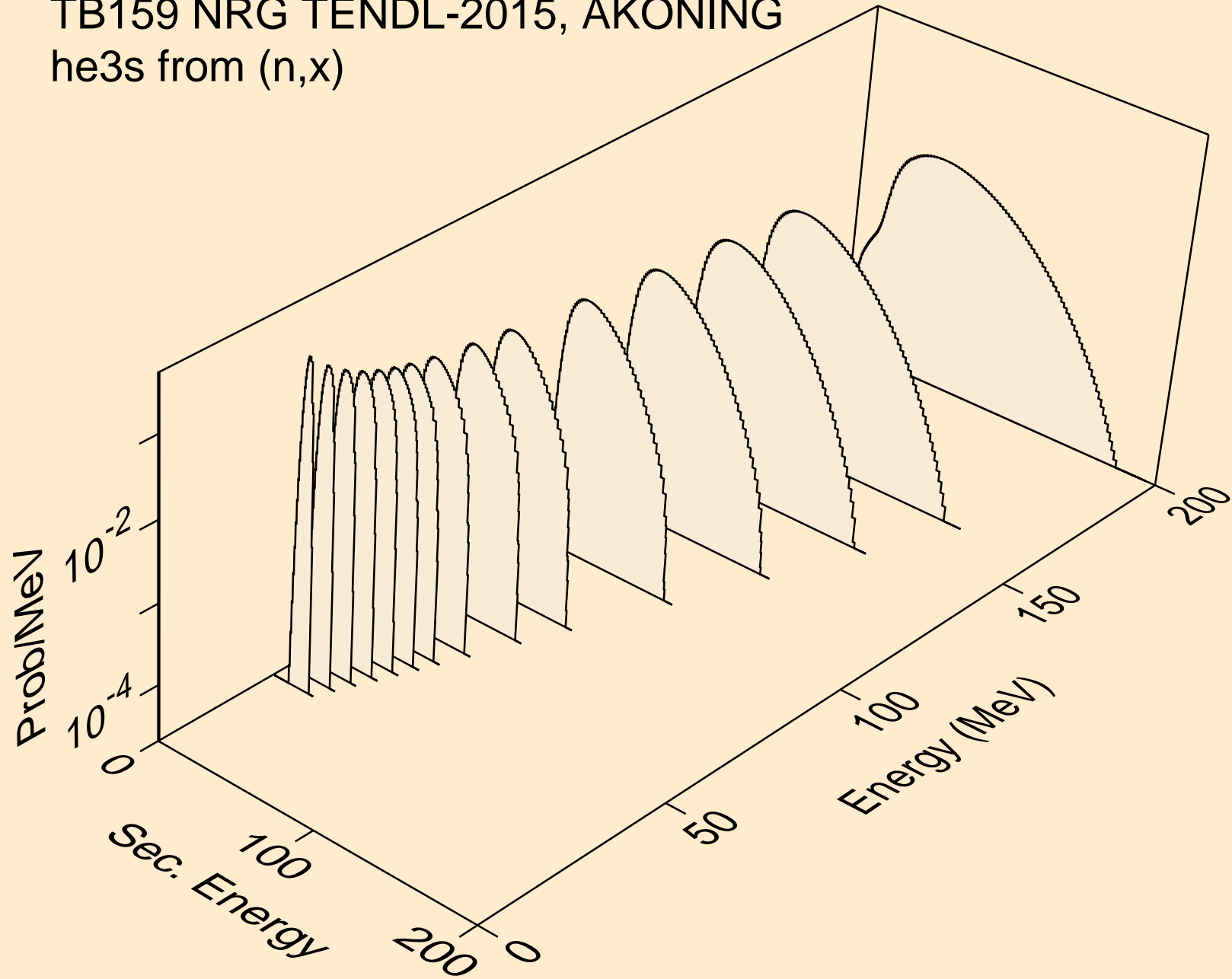
TB159 NRG TENDL-2015, AKONING  
tritons from (n,t)



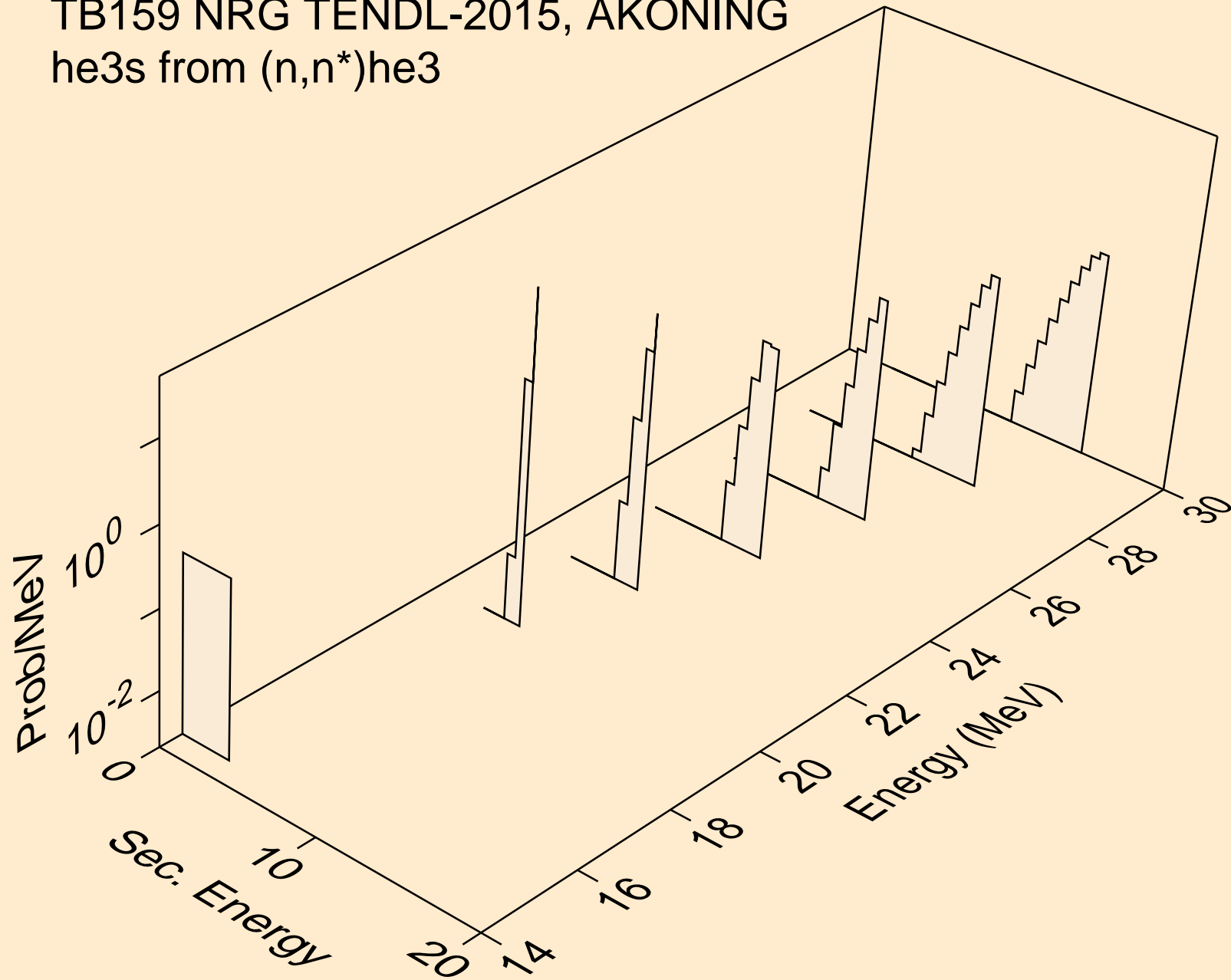
TB159 NRG TENDL-2015, AKONING  
tritons from (n,pt)



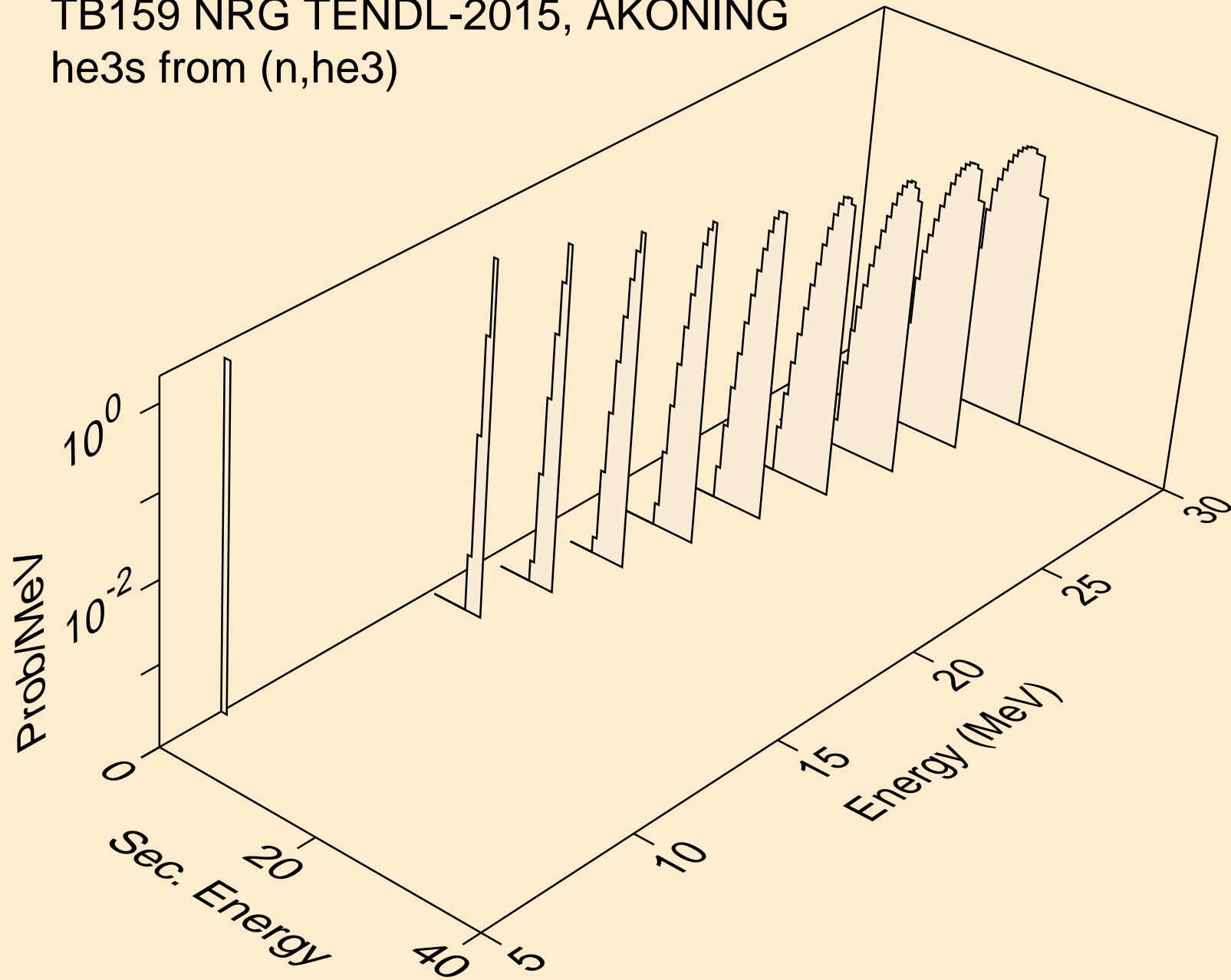
TB159 NRG TENDL-2015, AKONING  
he3s from (n,x)



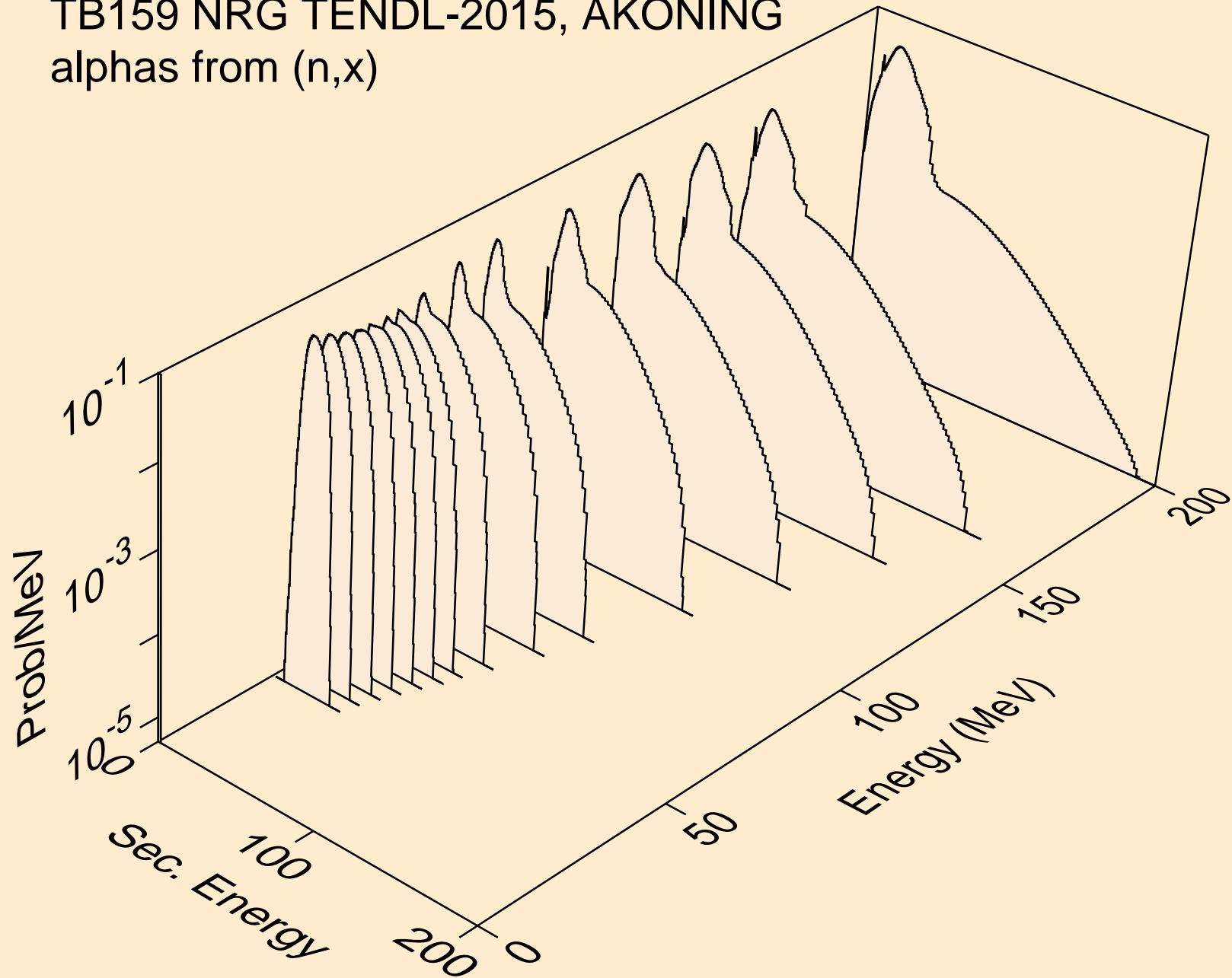
TB159 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



TB159 NRG TENDL-2015, AKONING  
he3s from (n,he3)

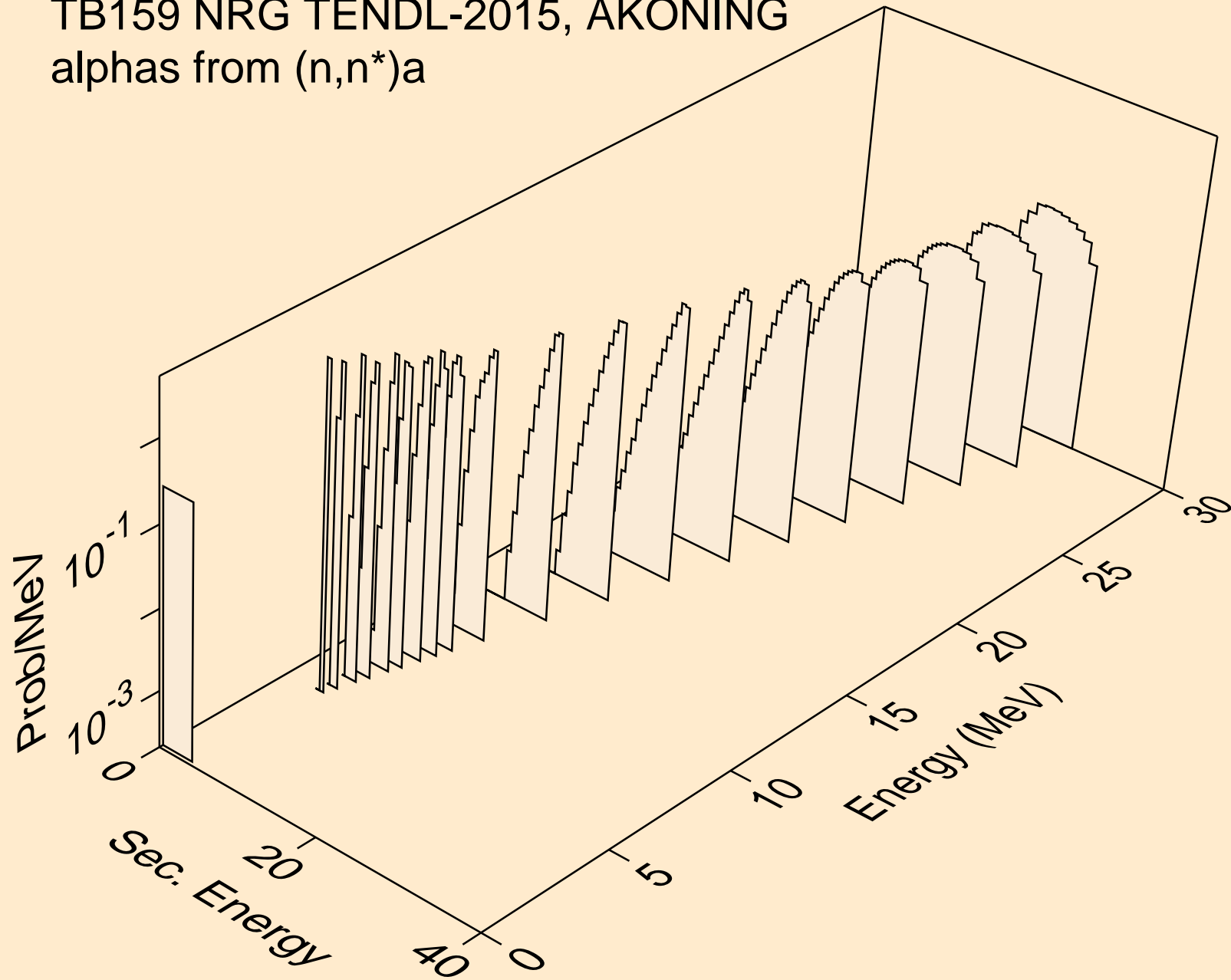


TB159 NRG TENDL-2015, AKONING  
alphas from (n,x)

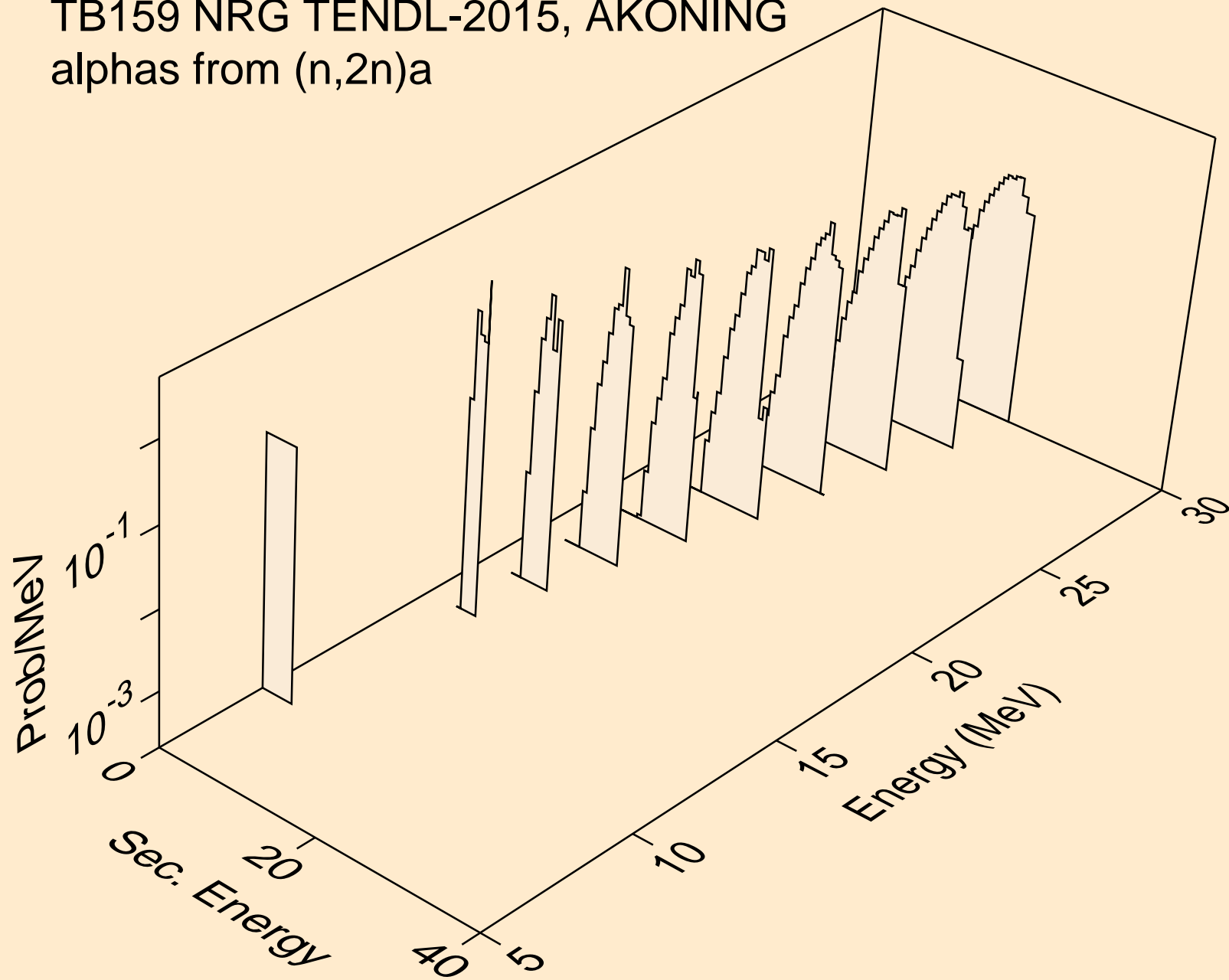




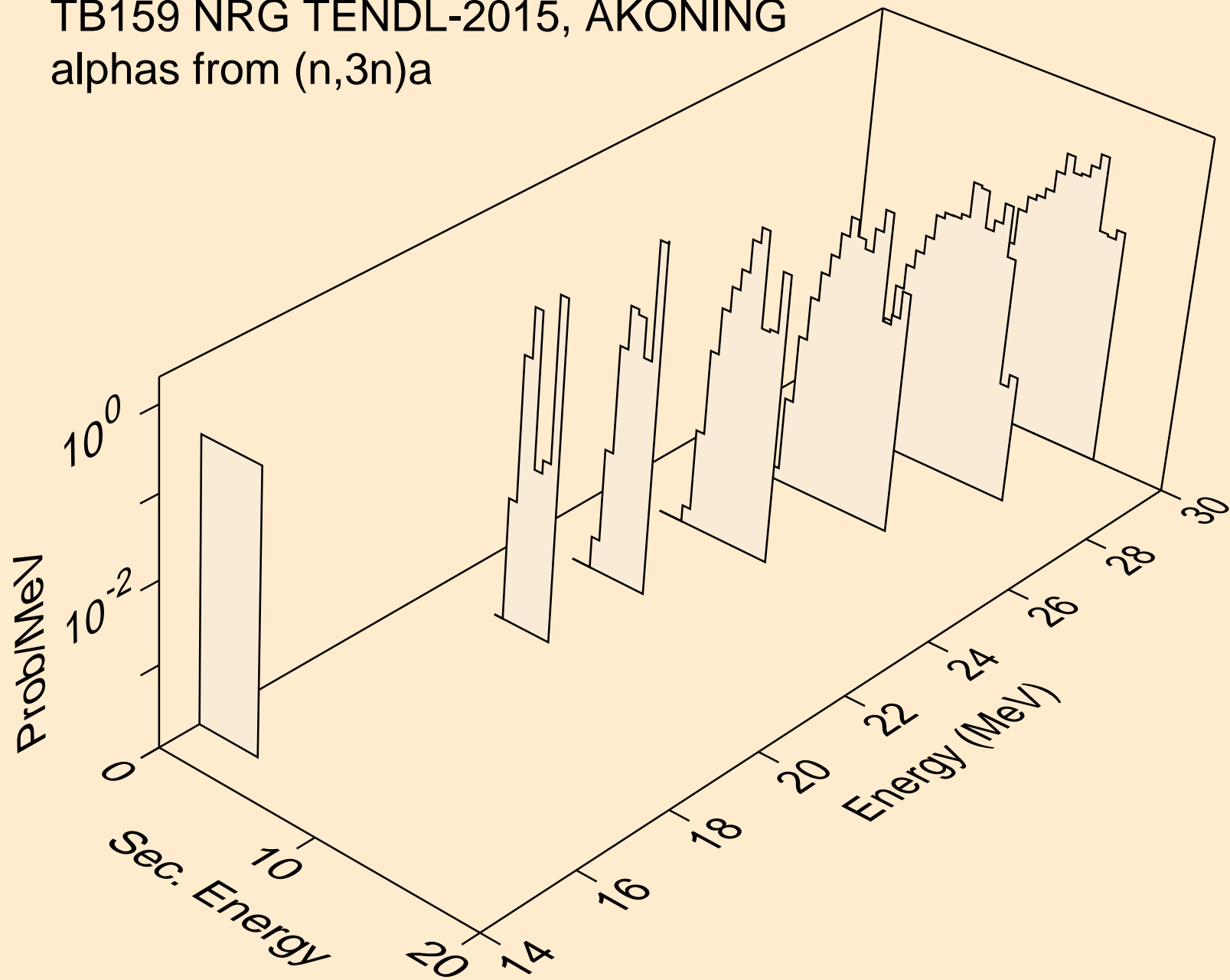
TB159 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



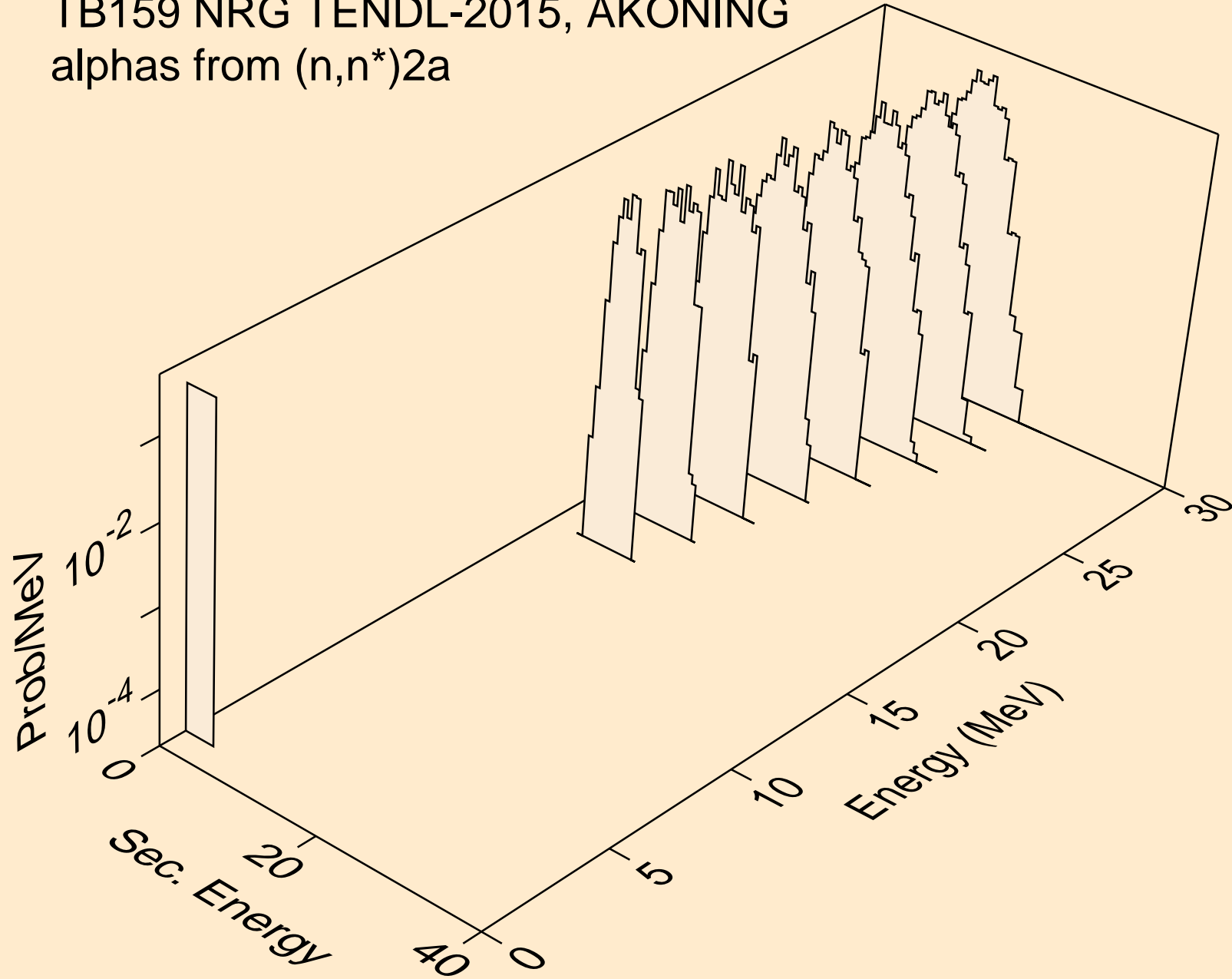
TB159 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



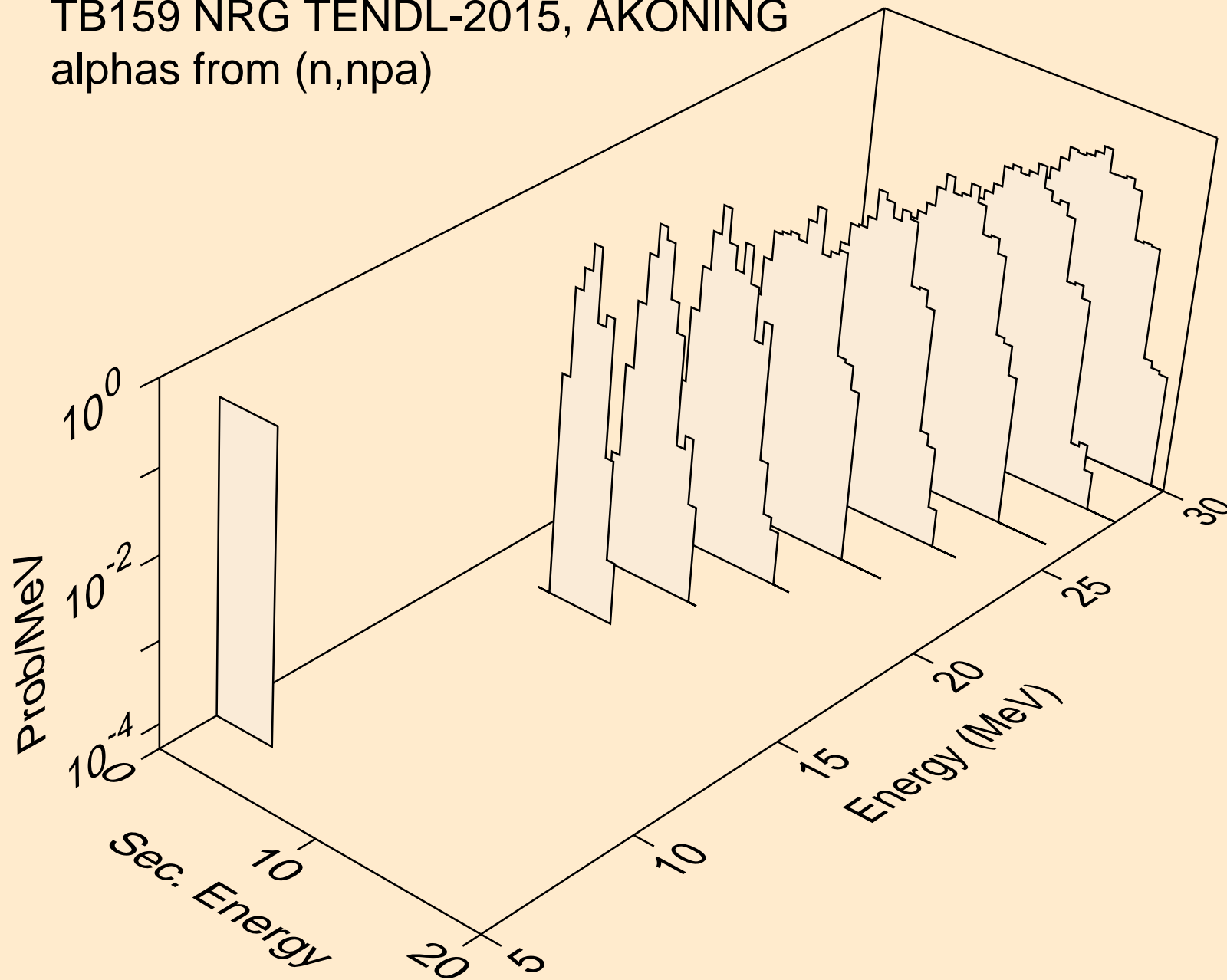
TB159 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



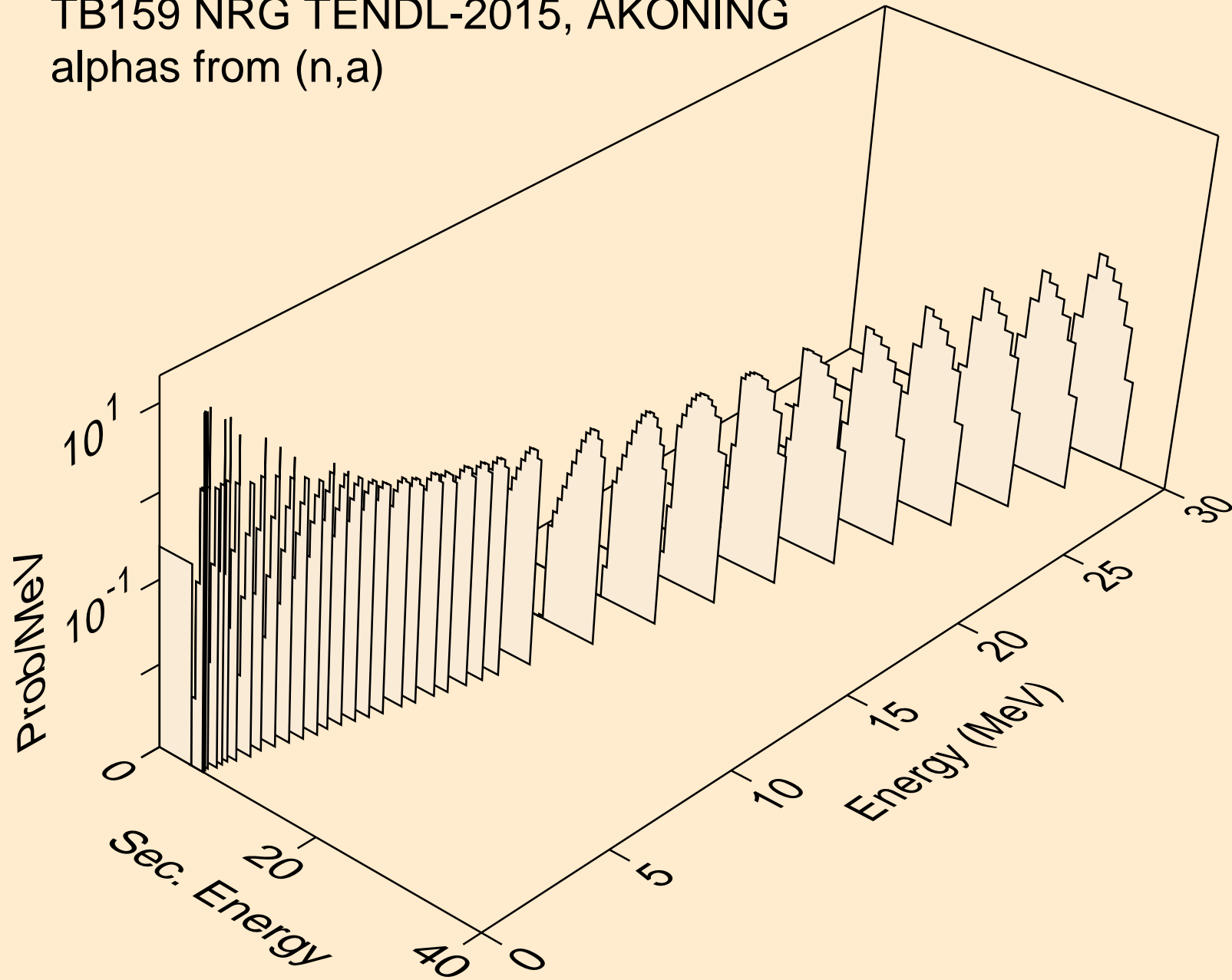
TB159 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



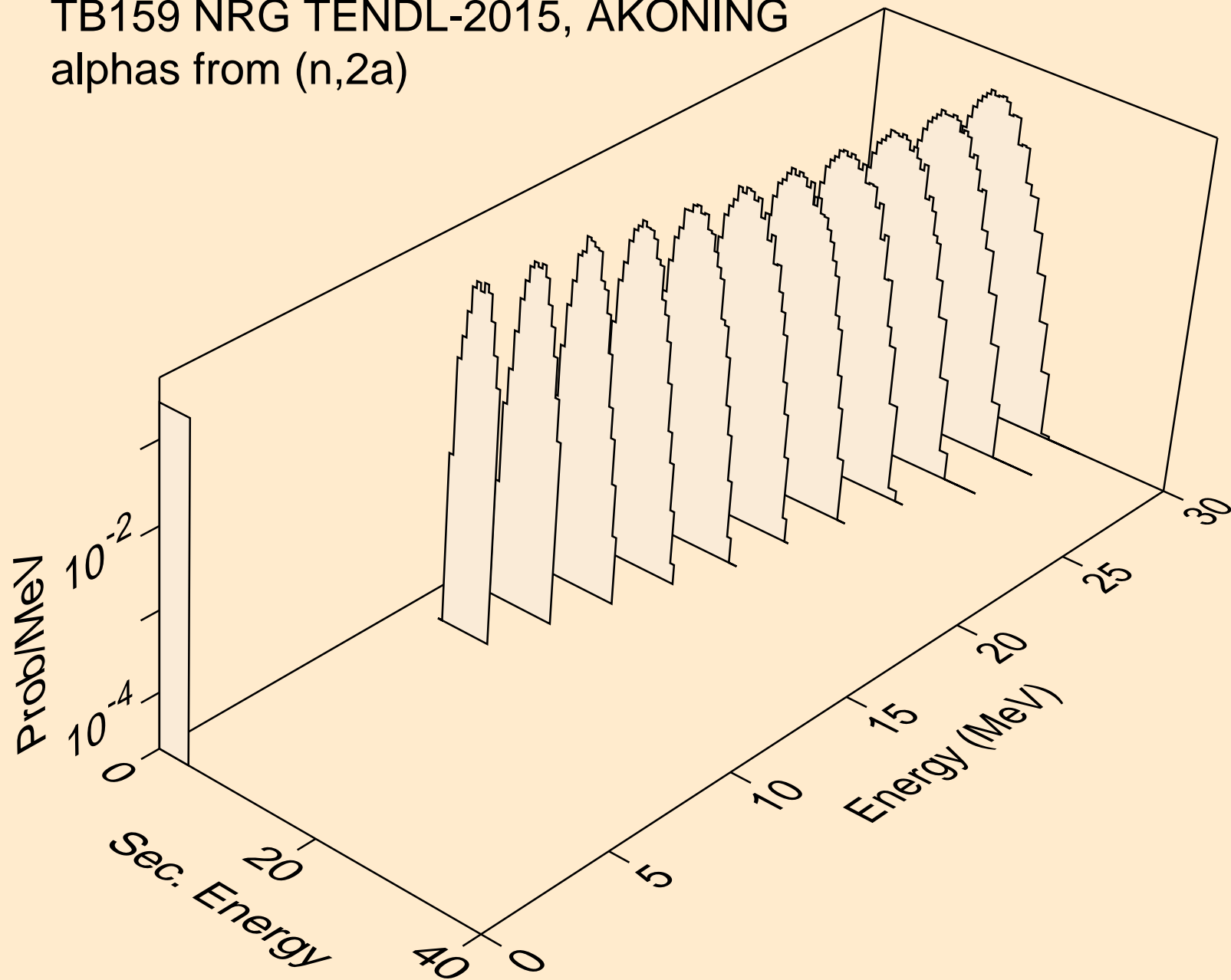
TB159 NRG TENDL-2015, AKONING  
alphas from (n,npa)



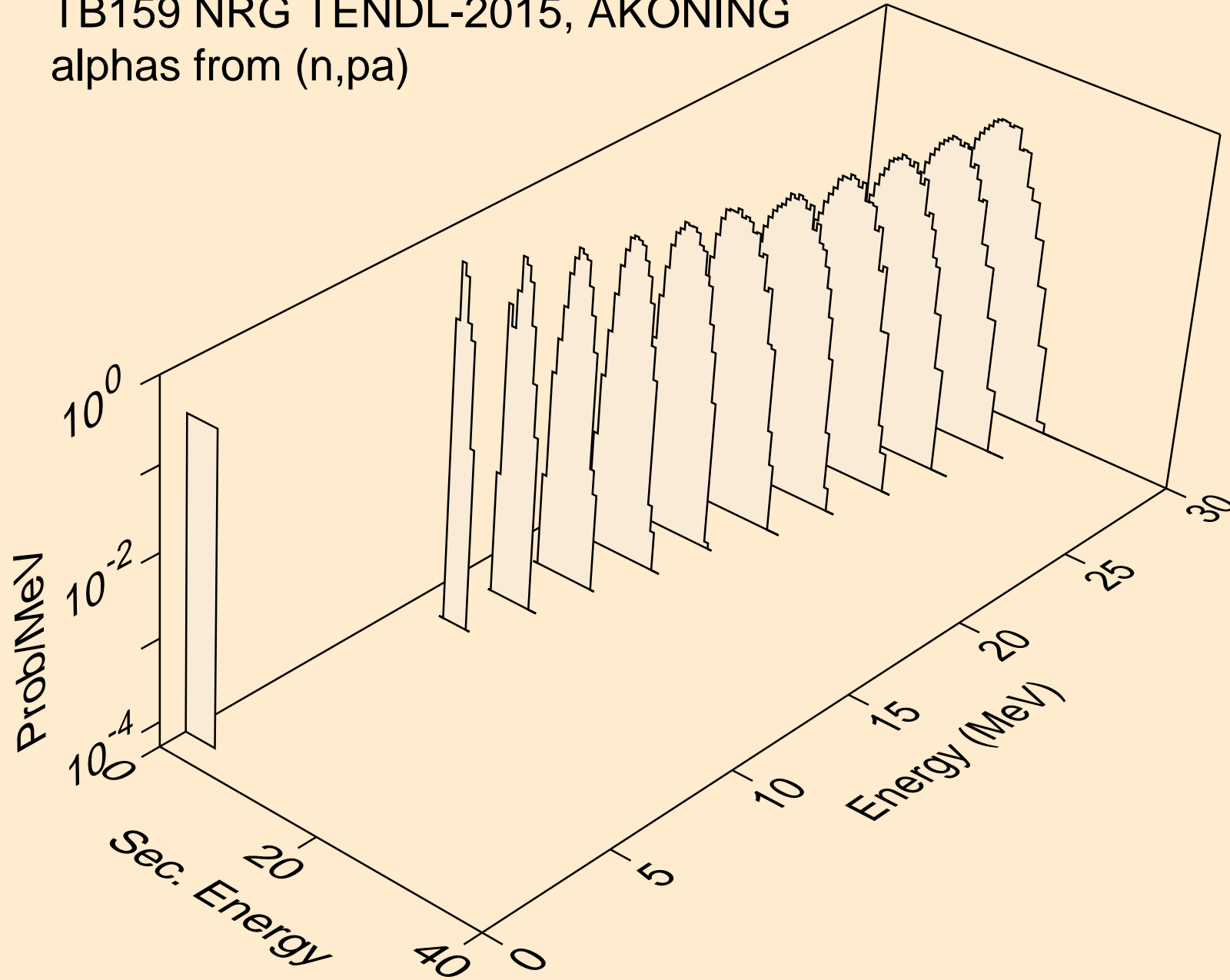
TB159 NRG TENDL-2015, AKONING  
alphas from (n,a)



TB159 NRG TENDL-2015, AKONING  
alphas from (n,2a)



TB159 NRG TENDL-2015, AKONING  
alphas from (n,pa)





TB159 NRG TENDL-2015, AKONING  
alphas from (n,da)

