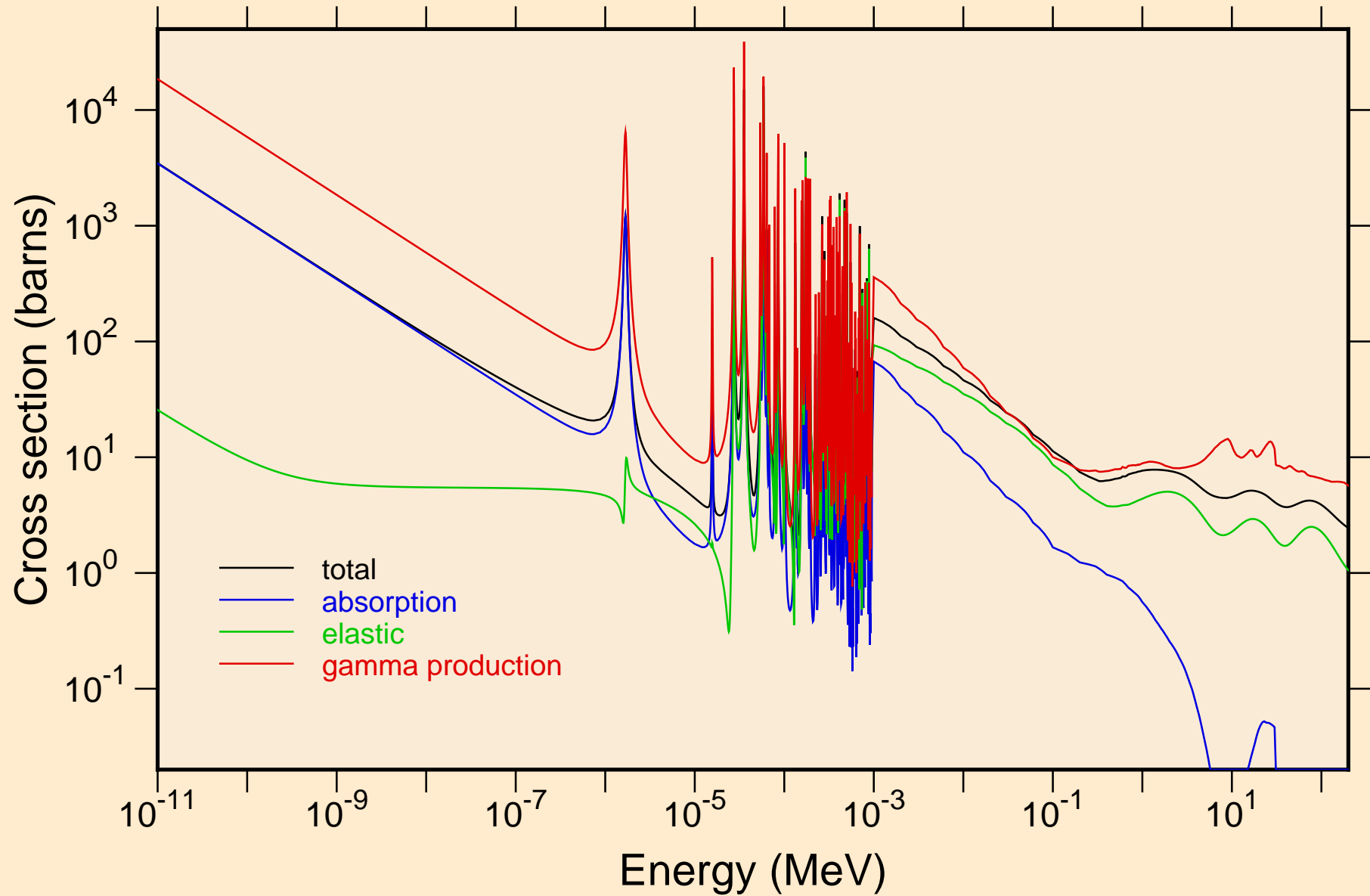
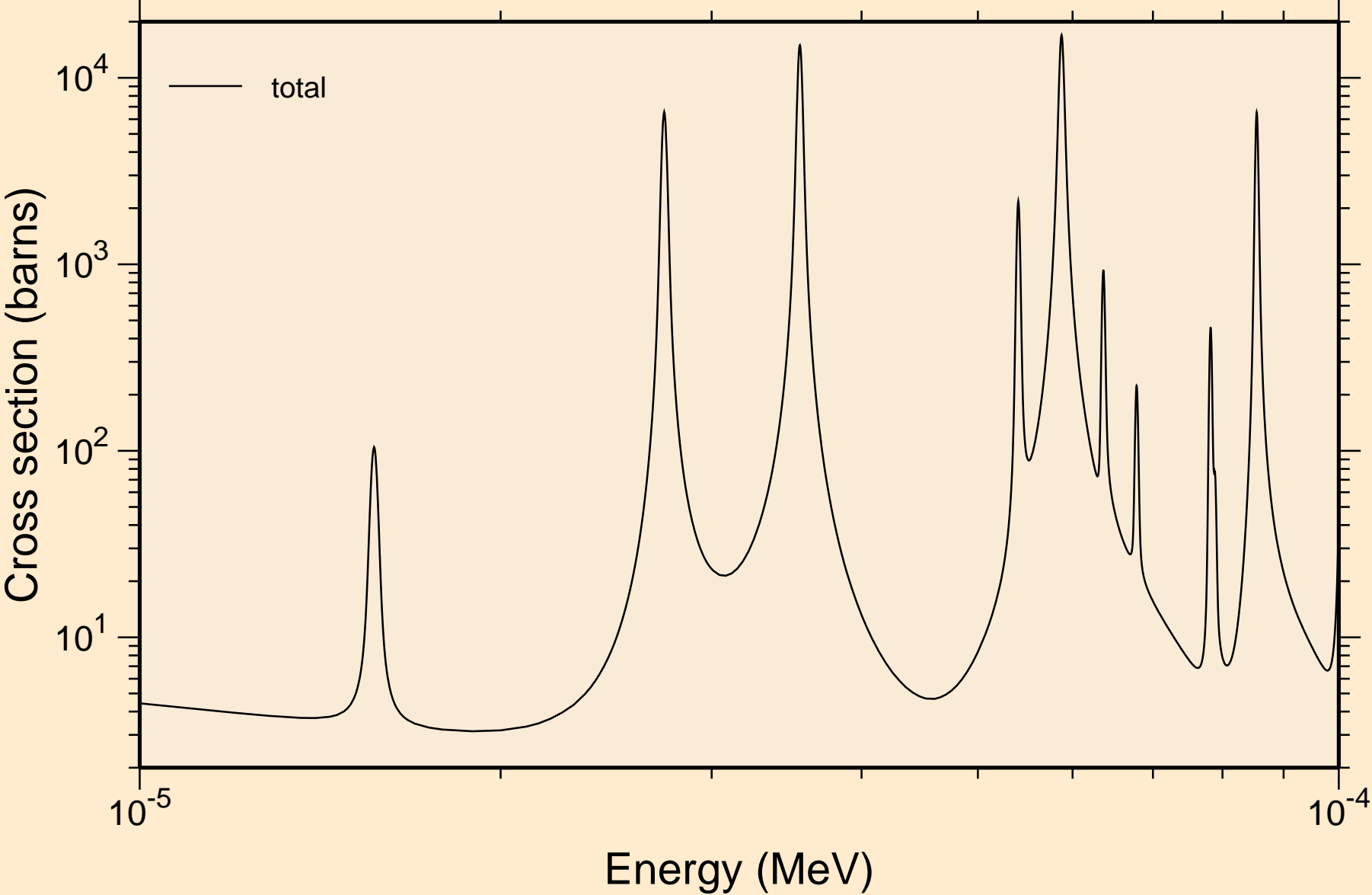


# TB157 NRG TENDL-2015, AKONING

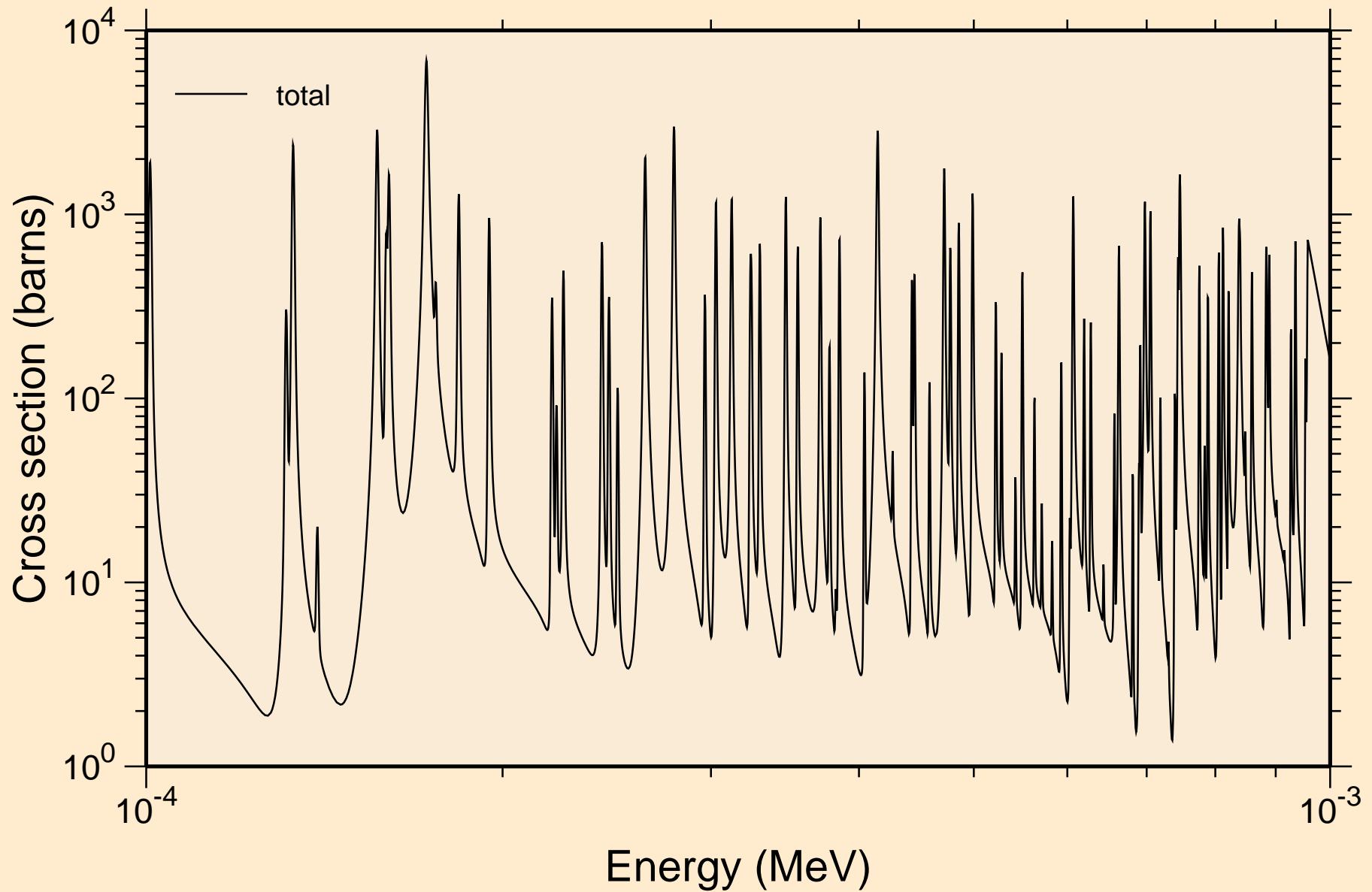
## Principal cross sections



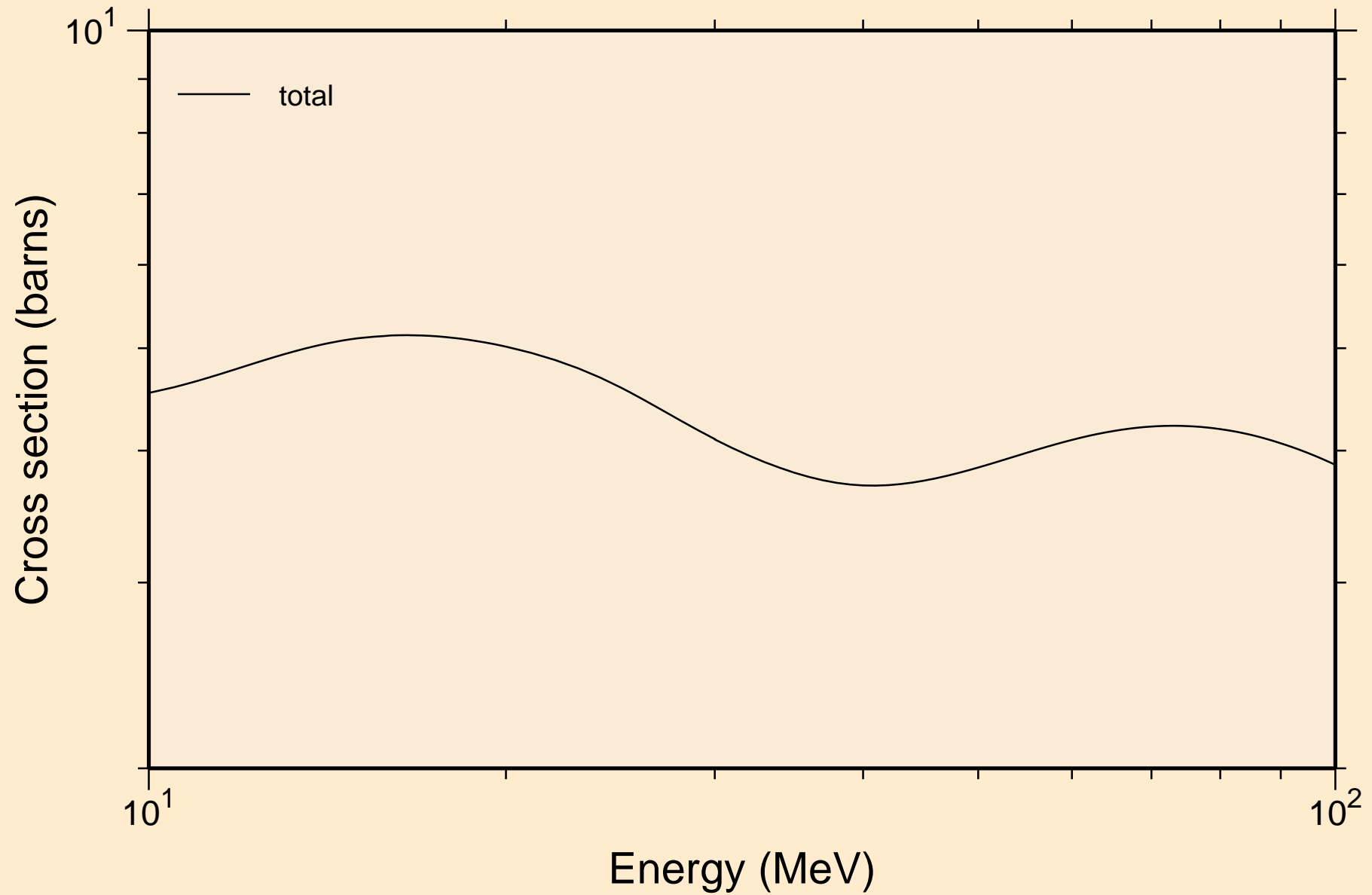
TB157 NRG TENDL-2015, AKONING  
resonance total cross section



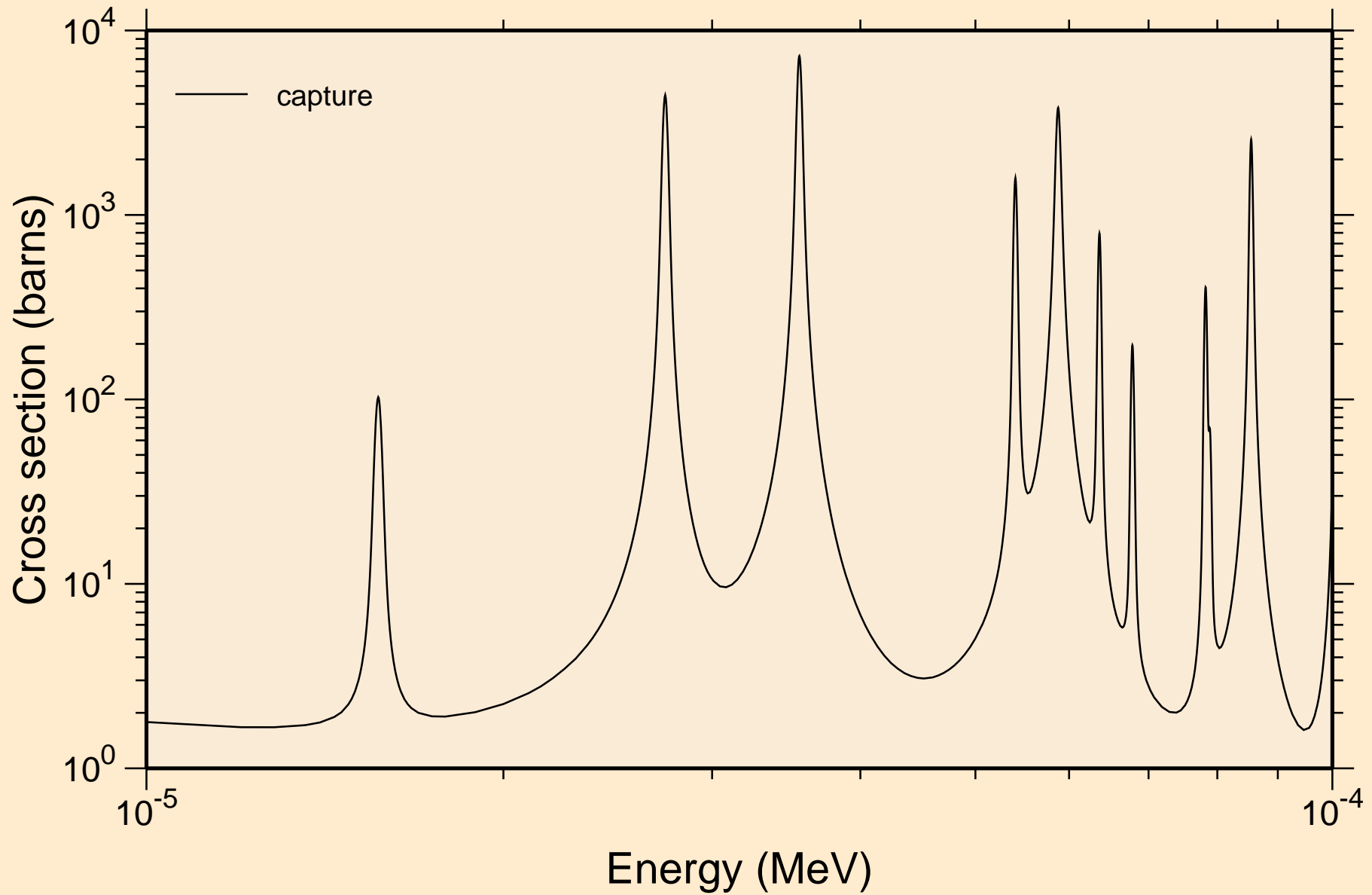
TB157 NRG TENDL-2015, AKONING  
resonance total cross section



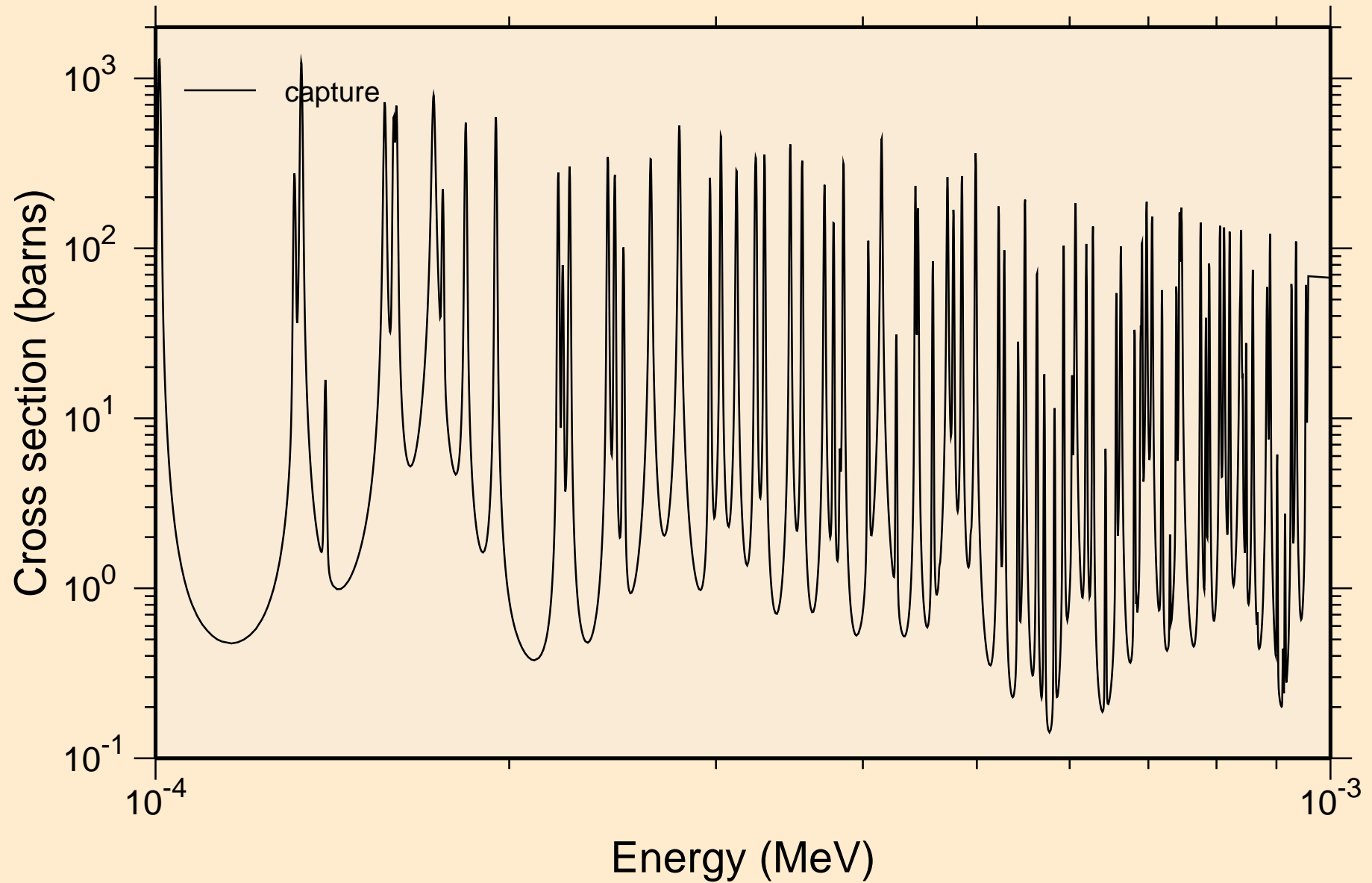
TB157 NRG TENDL-2015, AKONING  
resonance total cross section



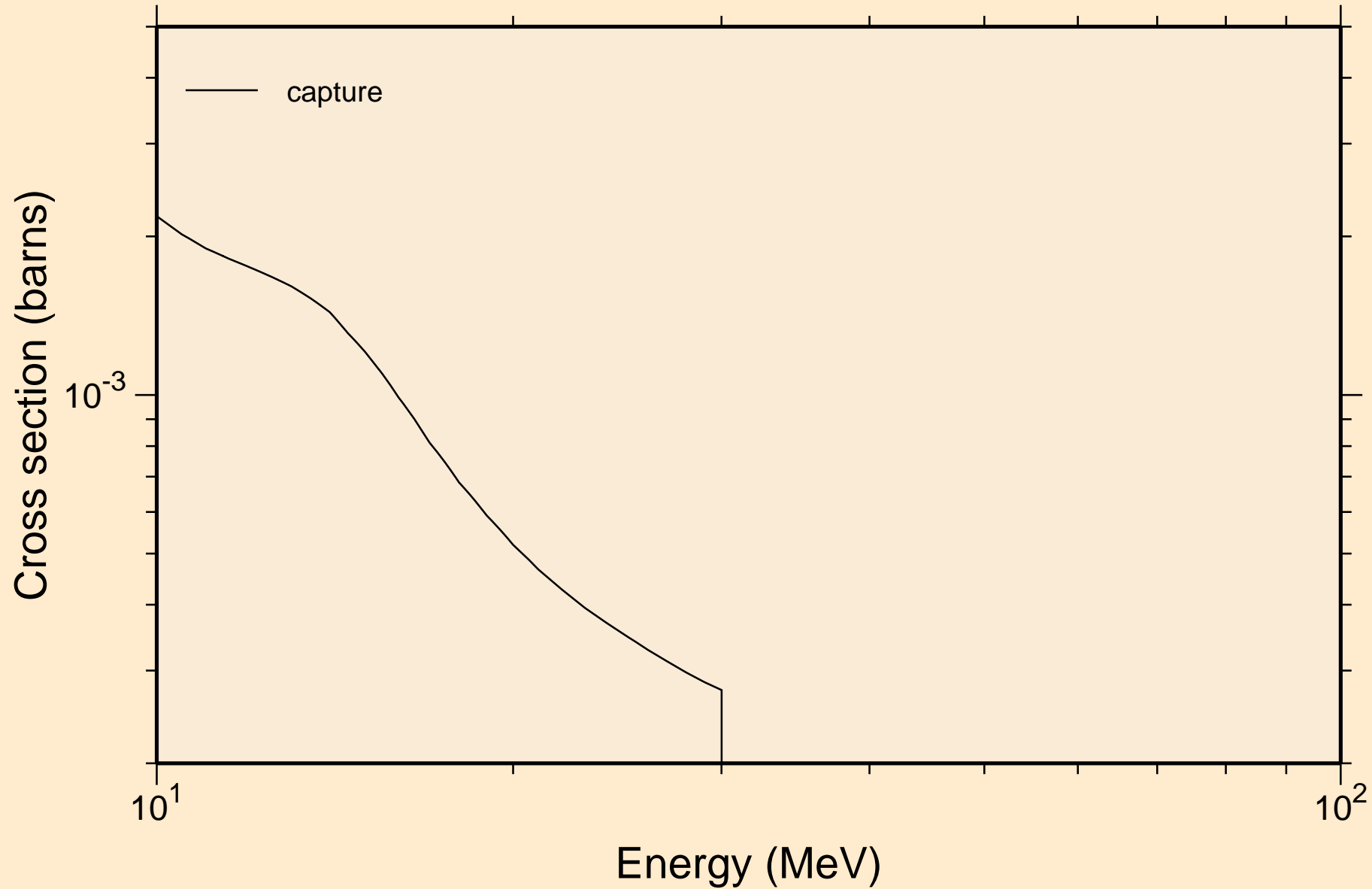
TB157 NRG TENDL-2015, AKONING  
resonance absorption cross sections



TB157 NRG TENDL-2015, AKONING  
resonance absorption cross sections

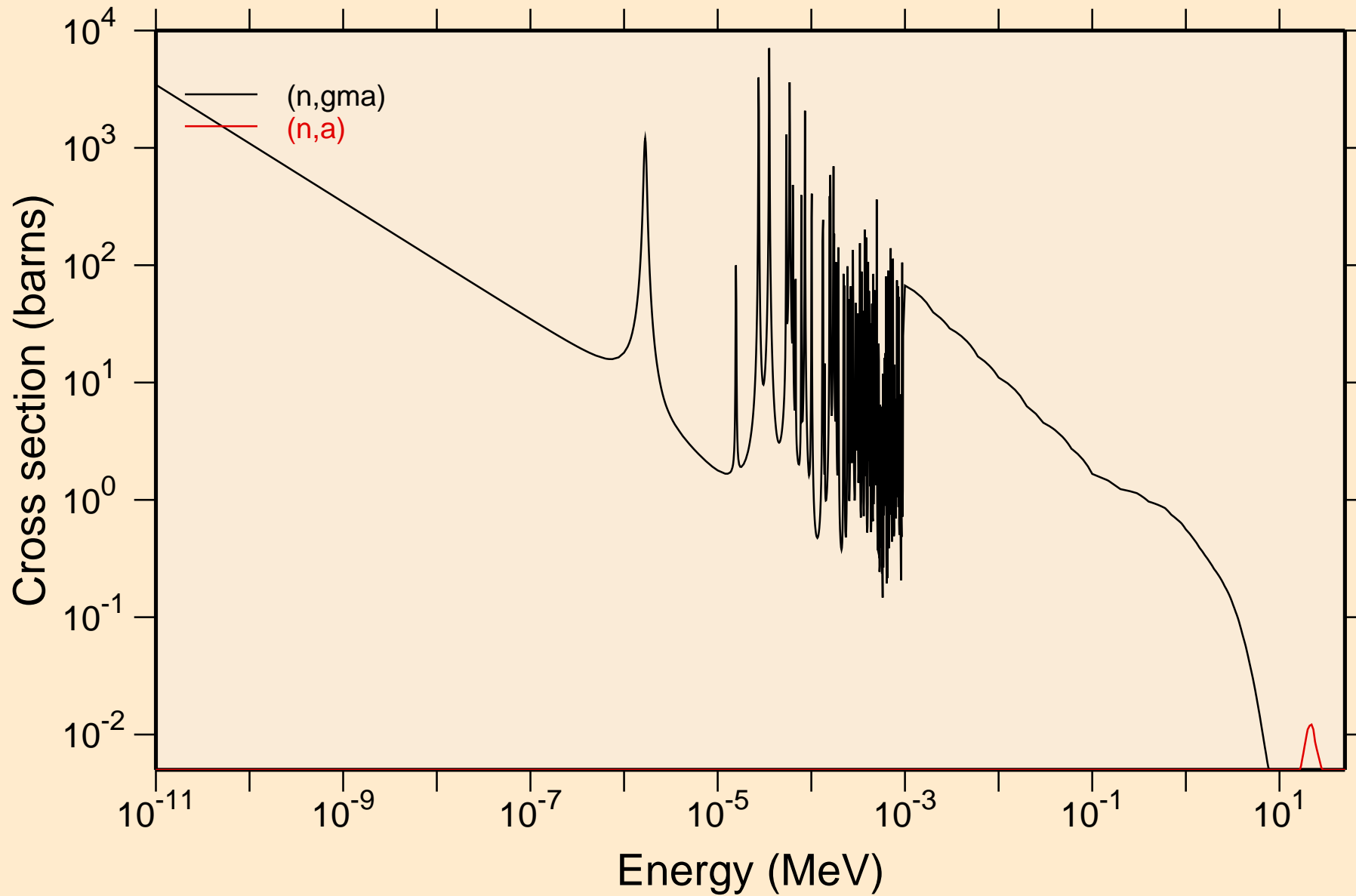


TB157 NRG TENDL-2015, AKONING  
resonance absorption cross sections



# TB157 NRG TENDL-2015, AKONING

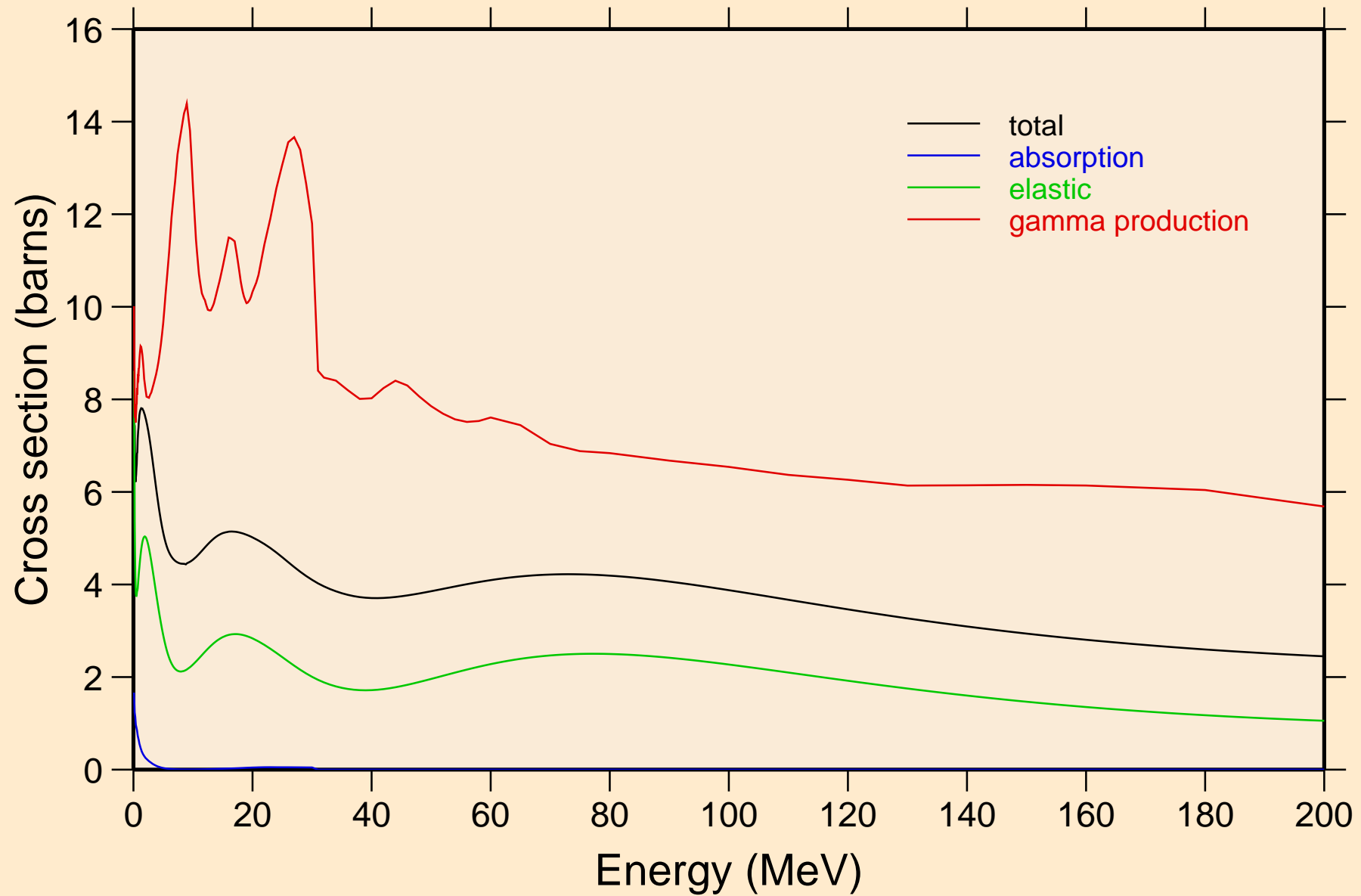
## Non-threshold reactions





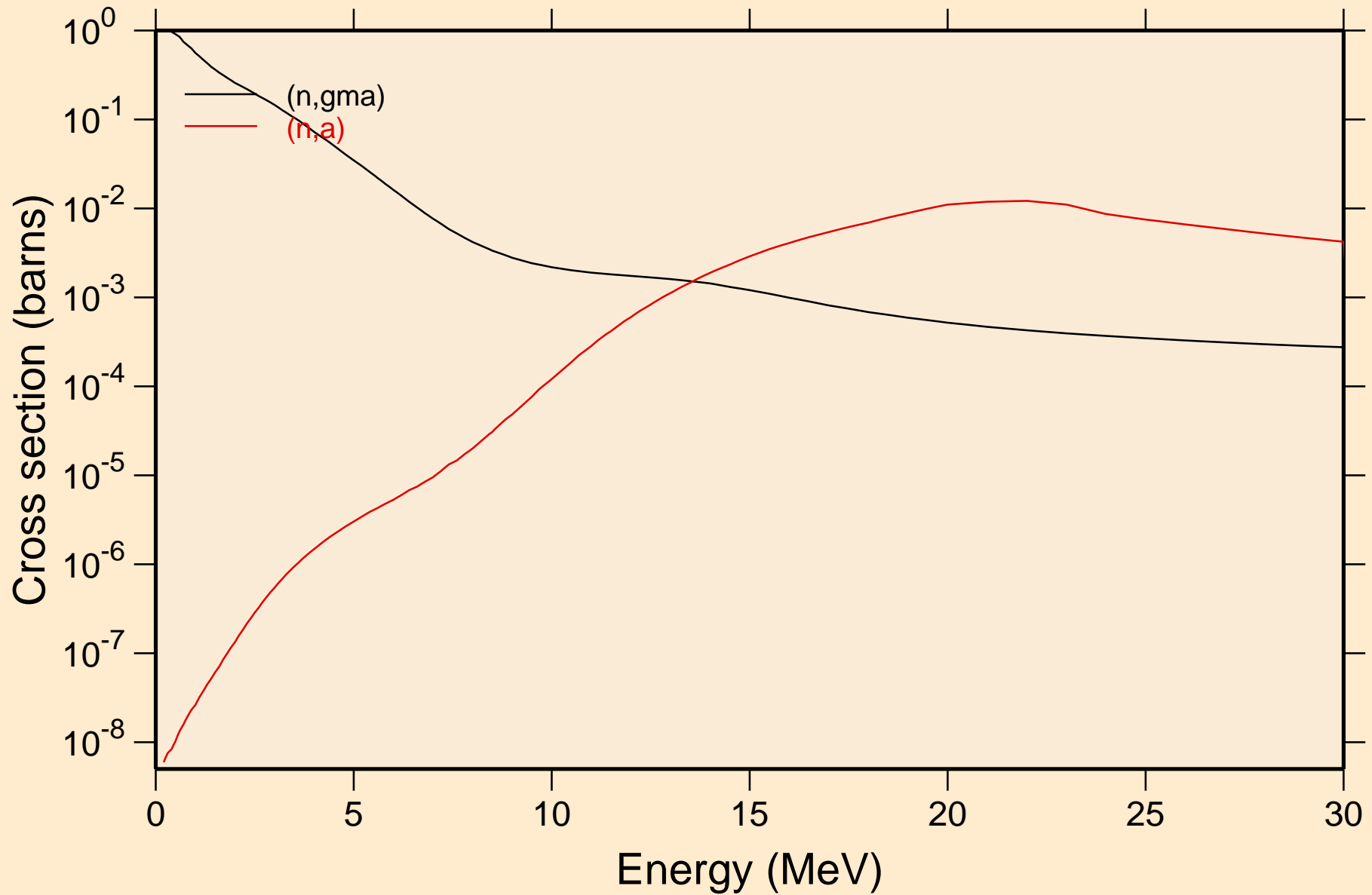
# TB157 NRG TENDL-2015, AKONING

## Principal cross sections



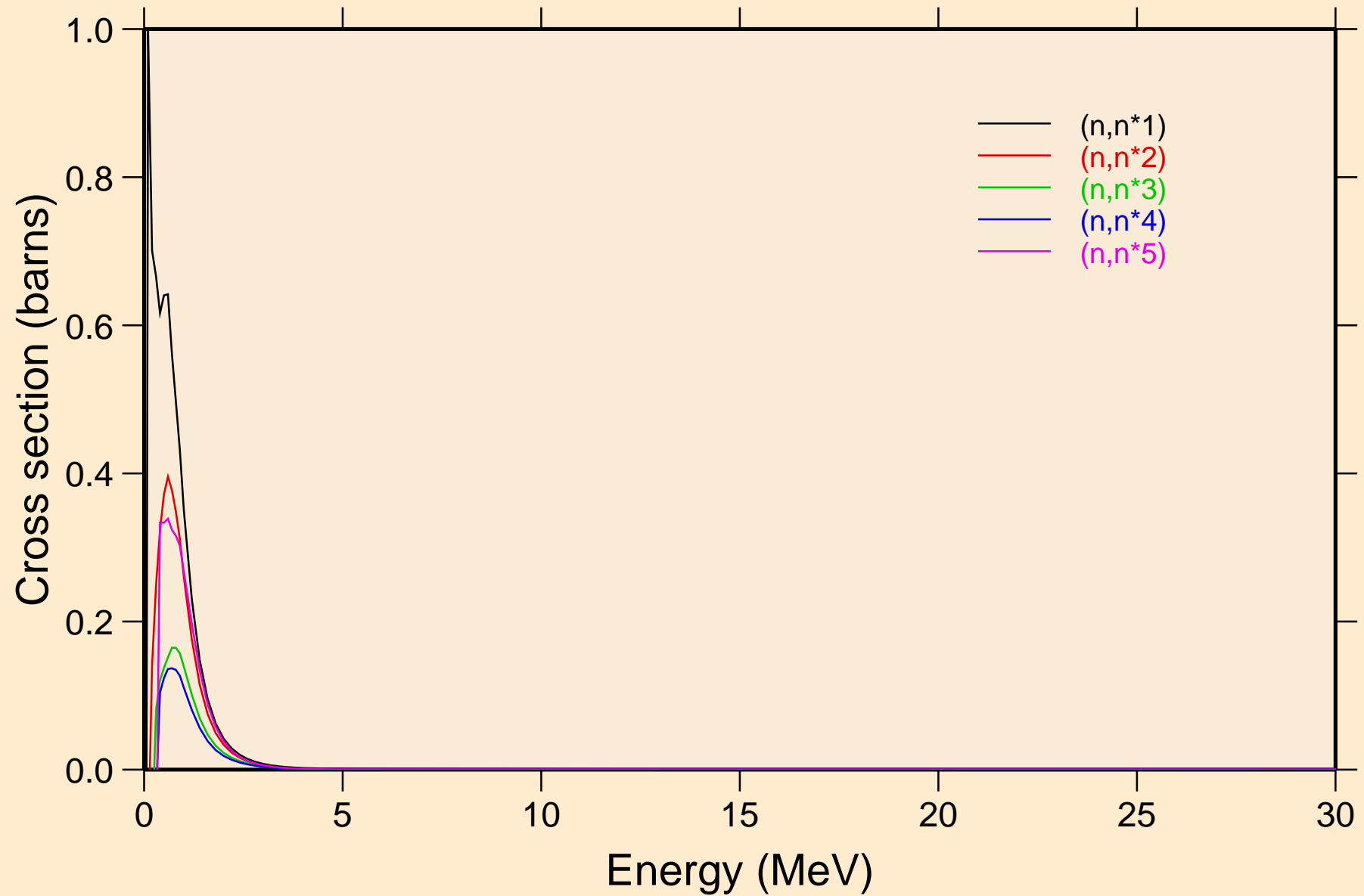
# TB157 NRG TENDL-2015, AKONING

## Non-threshold reactions



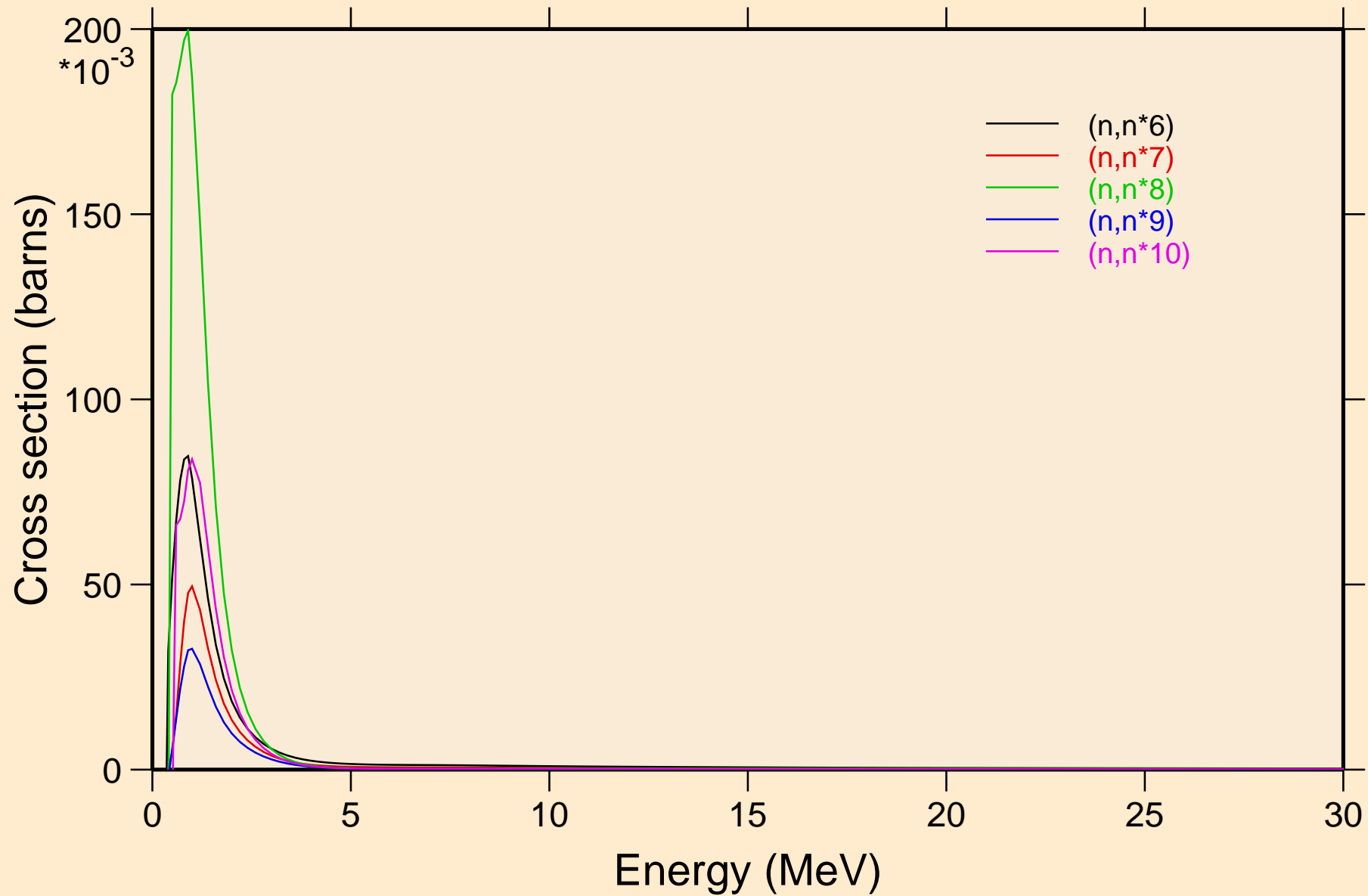
# TB157 NRG TENDL-2015, AKONING

## Inelastic levels



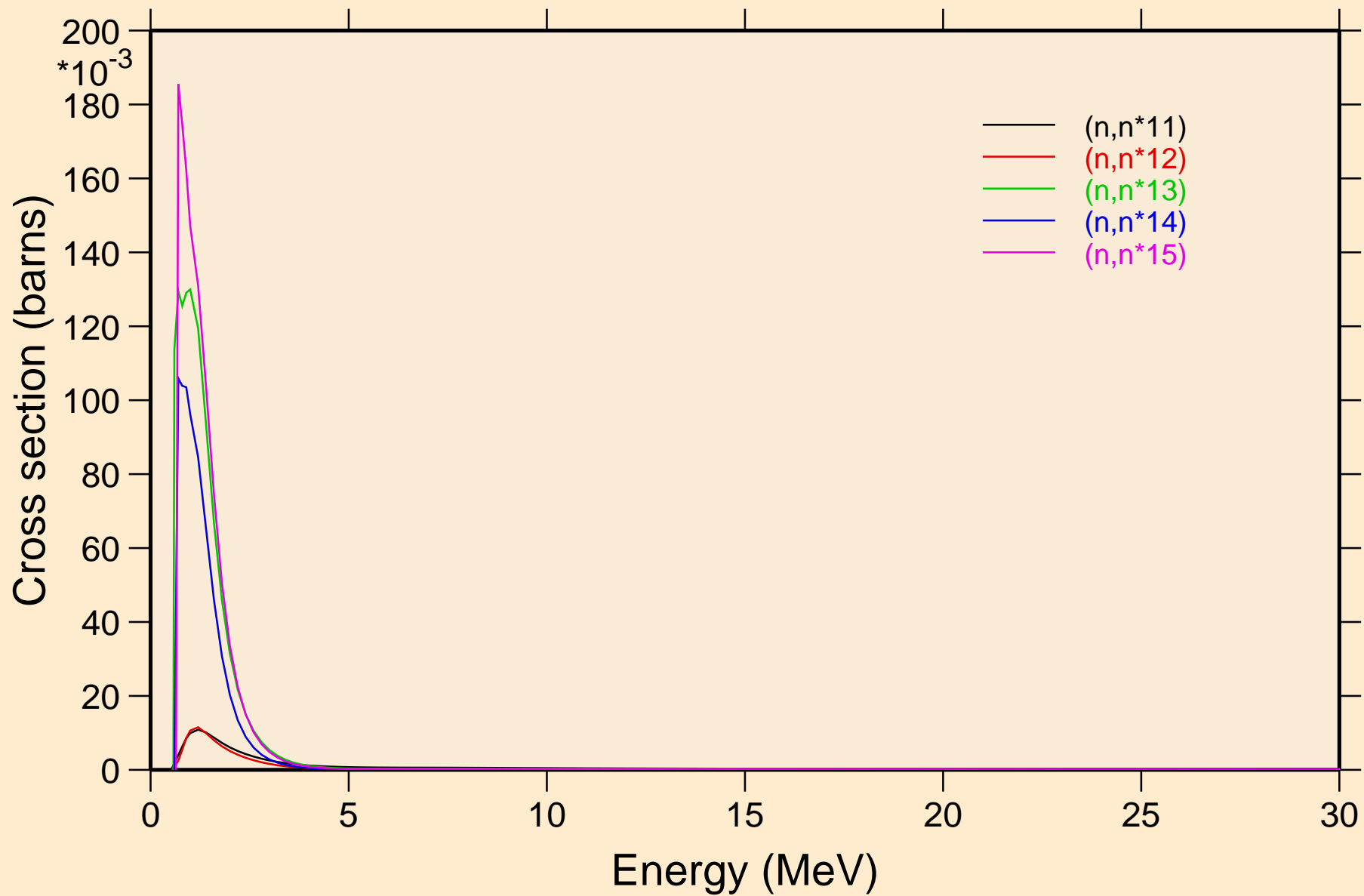
# TB157 NRG TENDL-2015, AKONING

## Inelastic levels



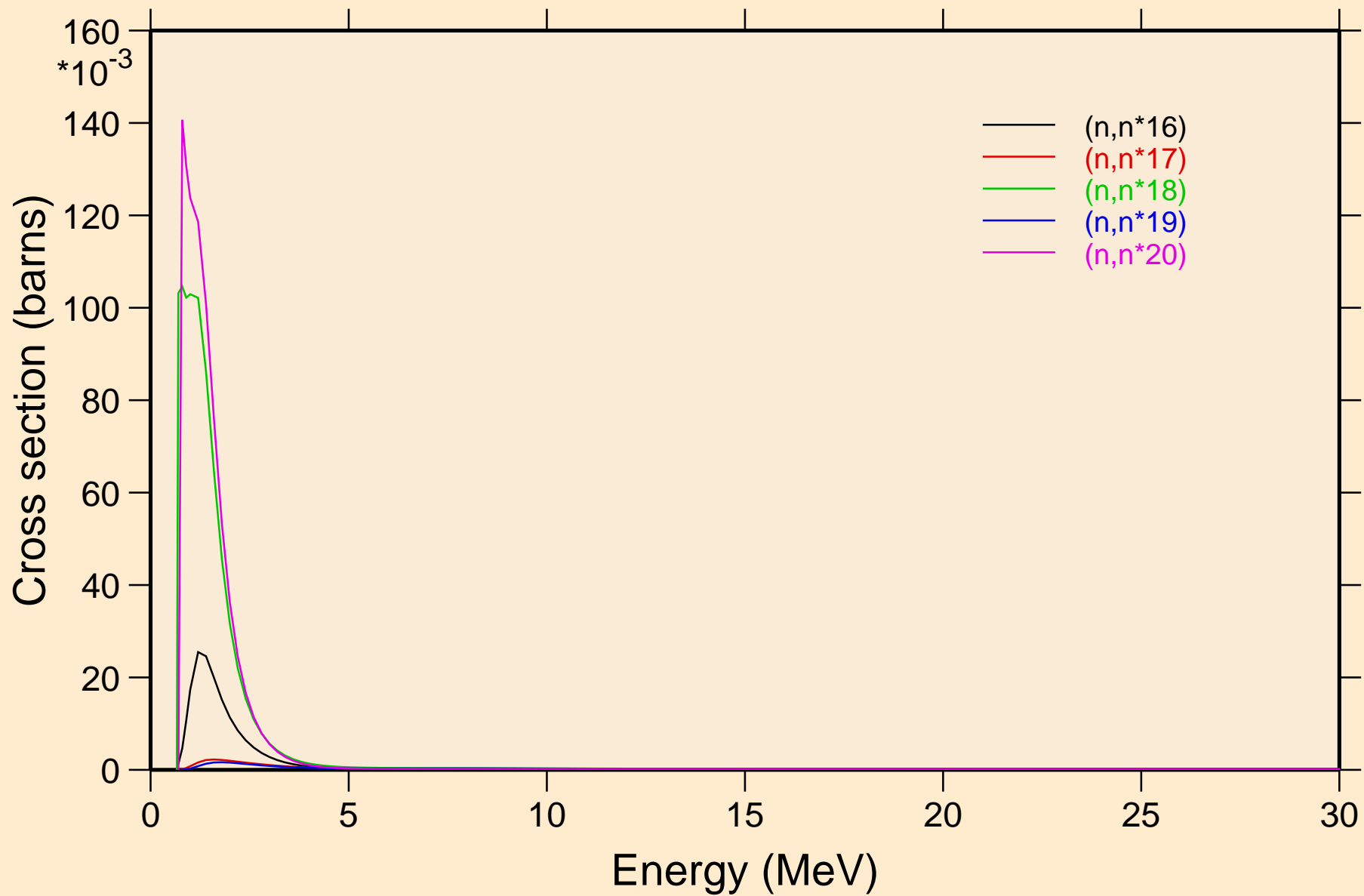
# TB157 NRG TENDL-2015, AKONING

## Inelastic levels



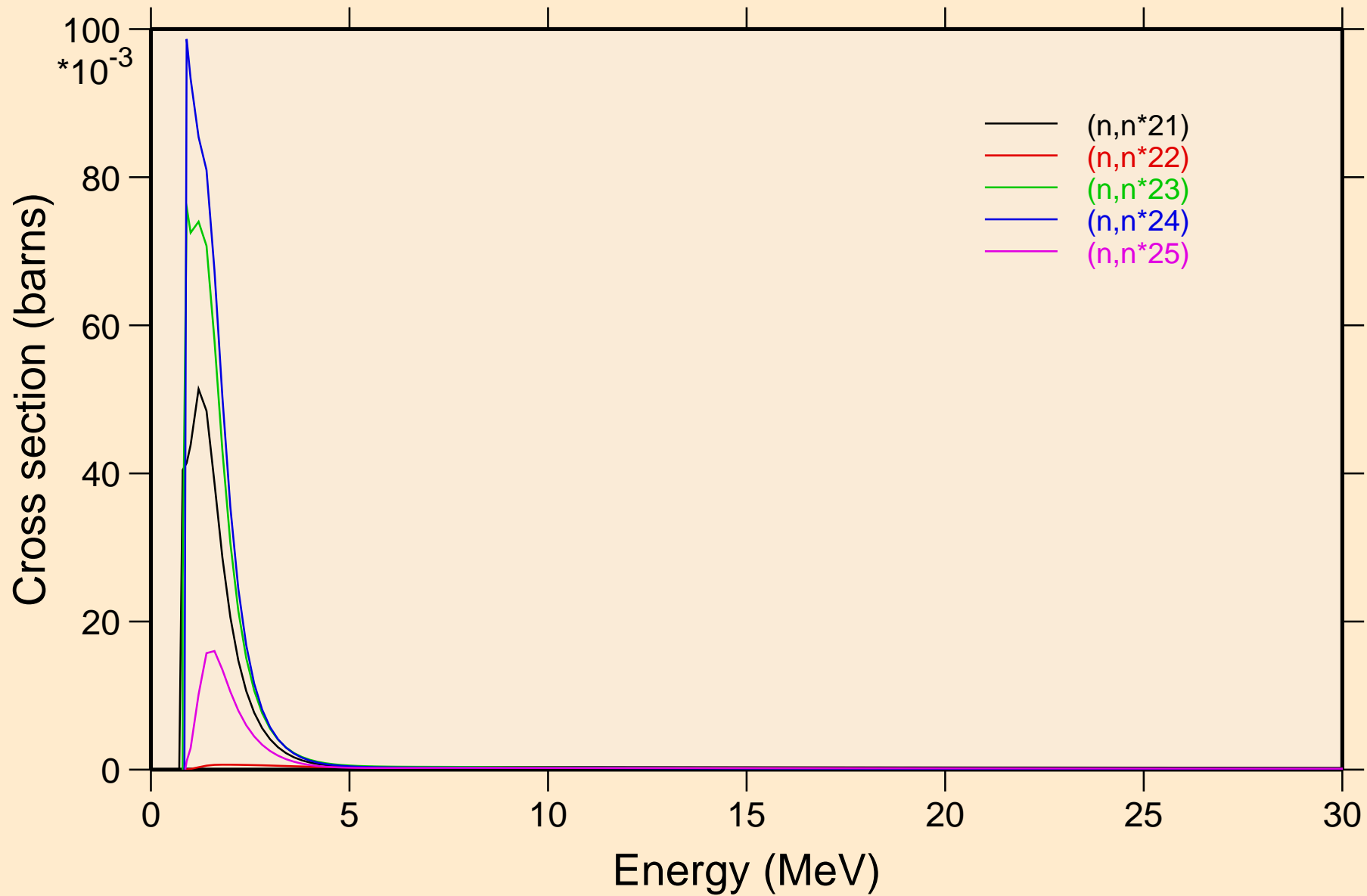
# TB157 NRG TENDL-2015, AKONING

## Inelastic levels



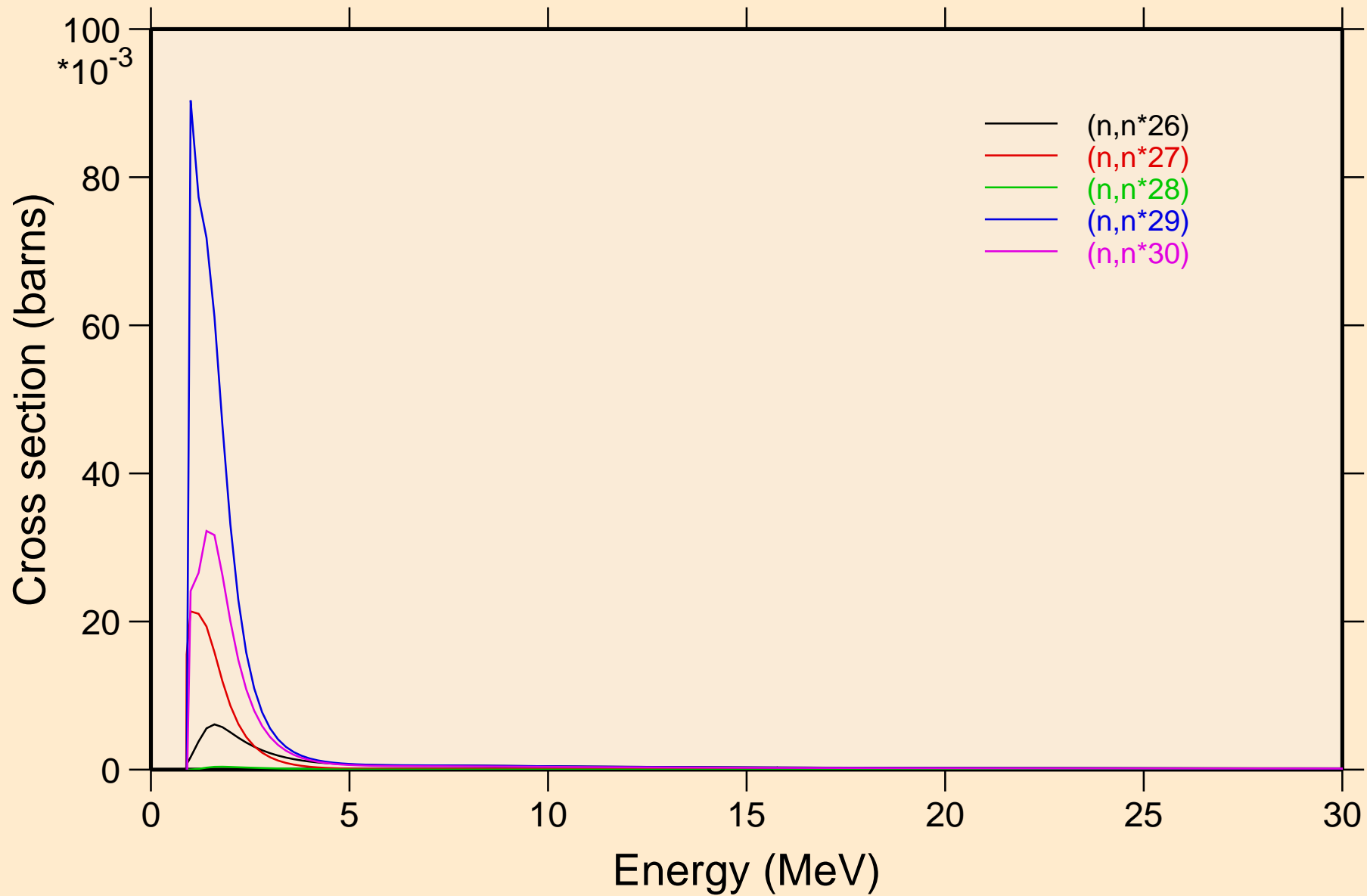
# TB157 NRG TENDL-2015, AKONING

## Inelastic levels



# TB157 NRG TENDL-2015, AKONING

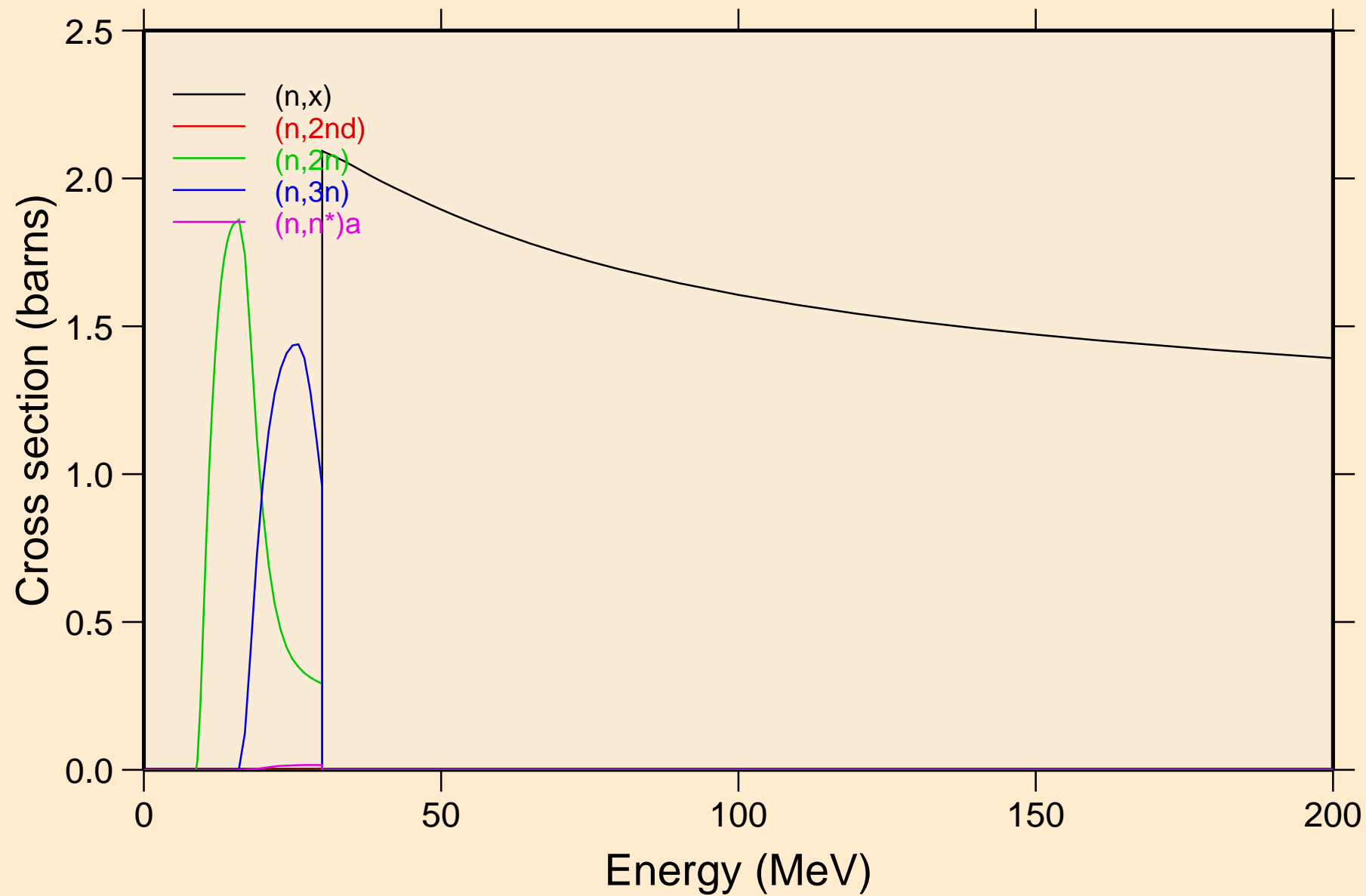
## Inelastic levels





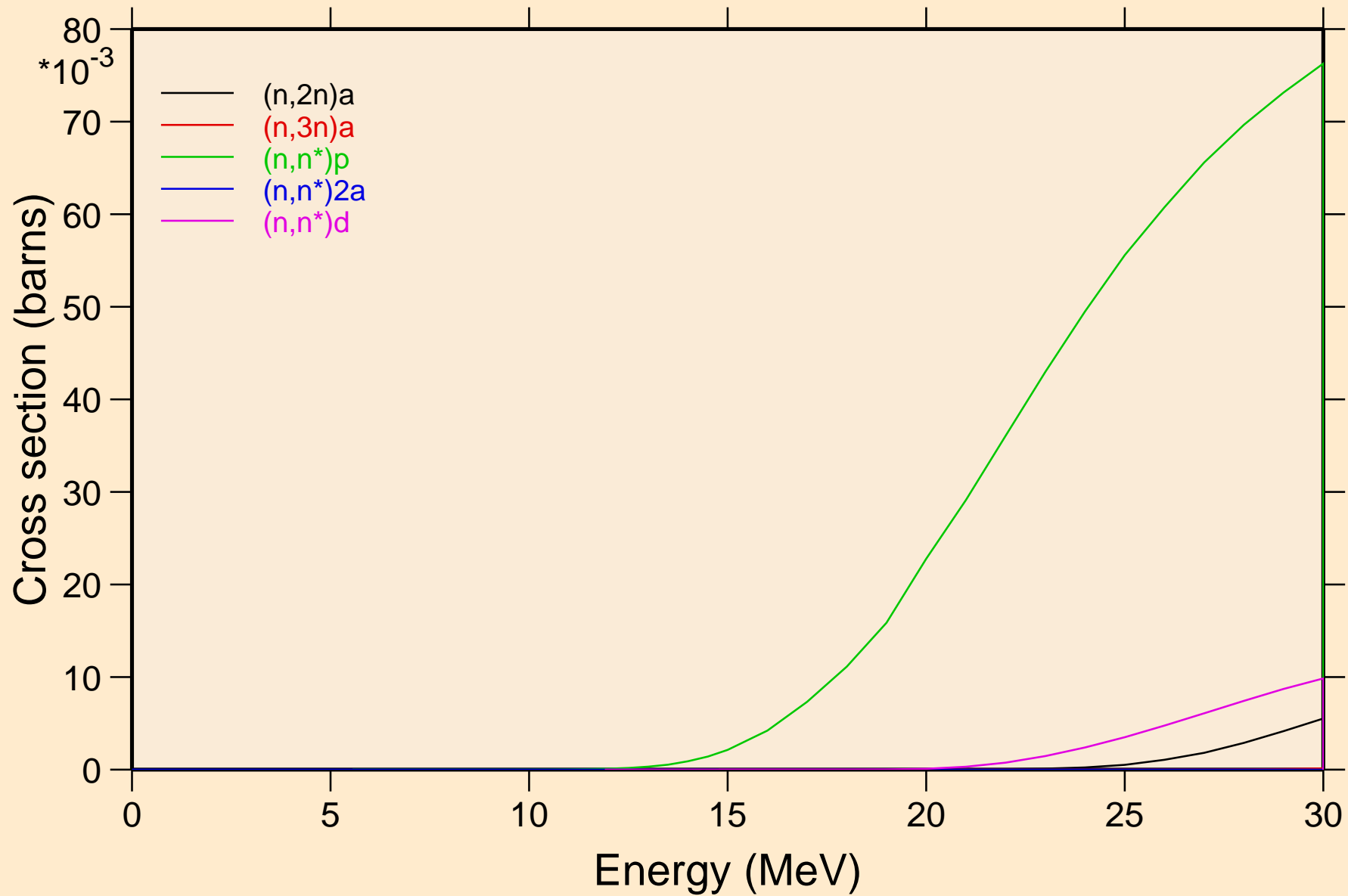
# TB157 NRG TENDL-2015, AKONING

## Threshold reactions



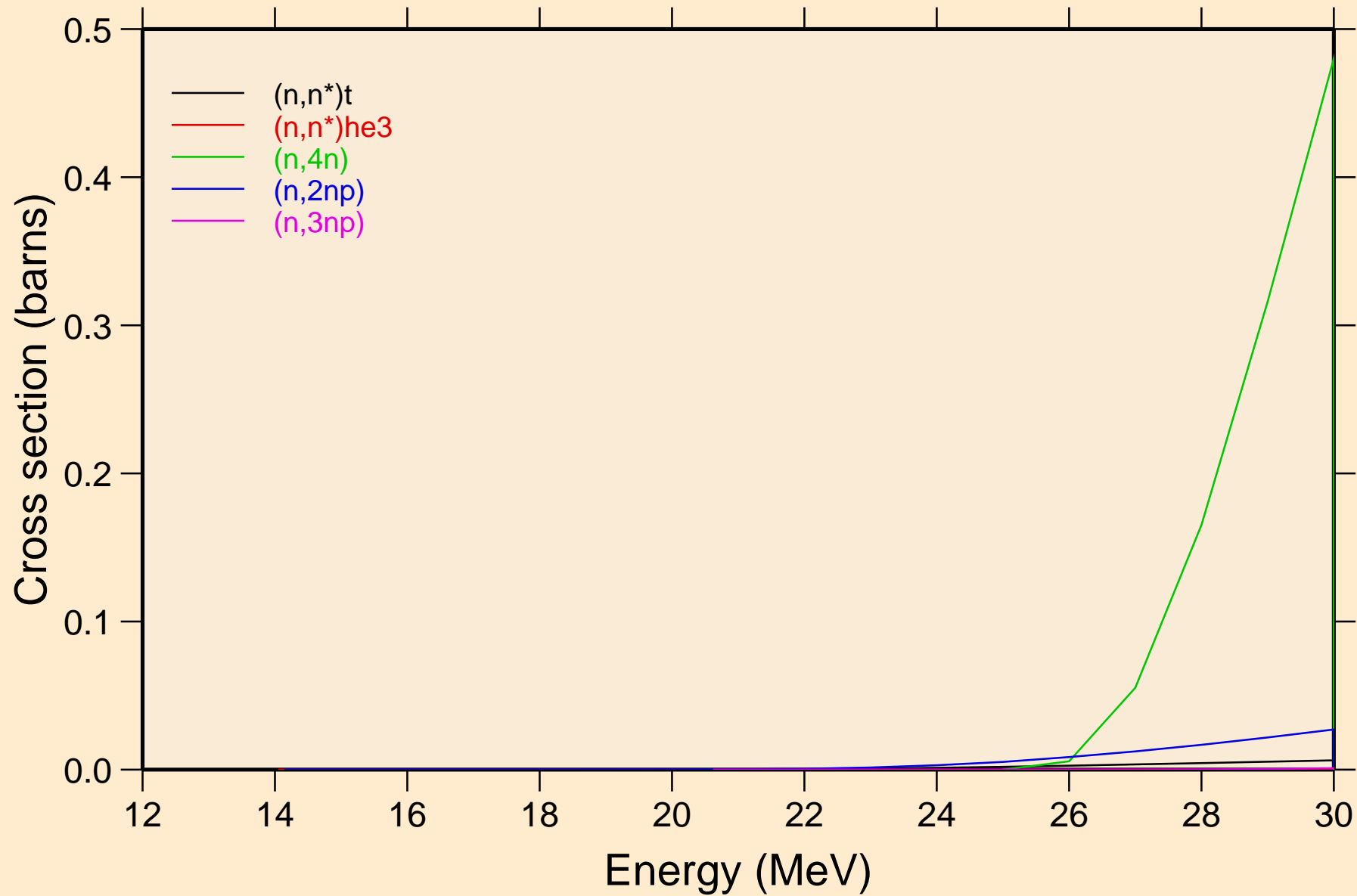
# TB157 NRG TENDL-2015, AKONING

## Threshold reactions



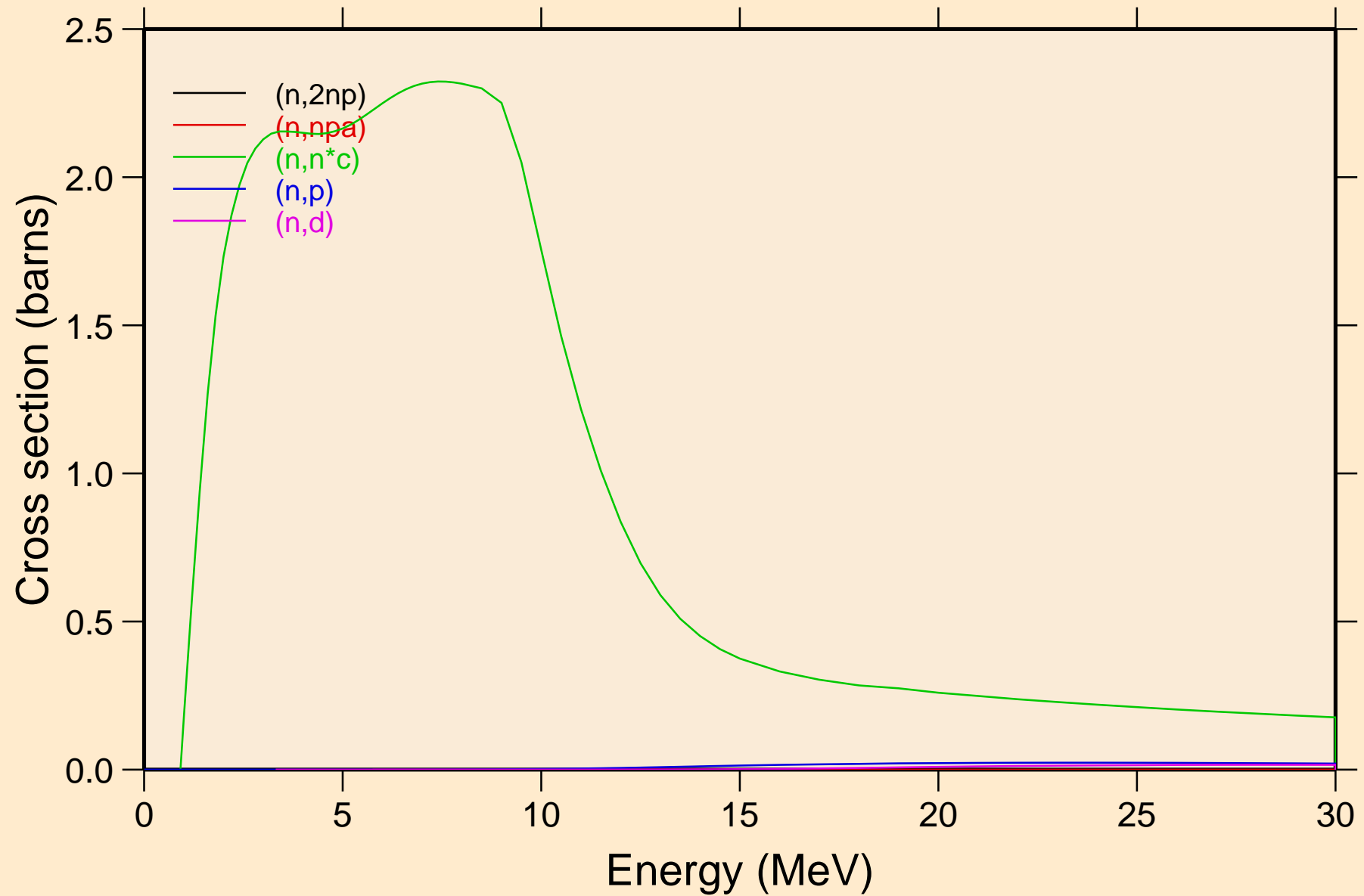
# TB157 NRG TENDL-2015, AKONING

## Threshold reactions



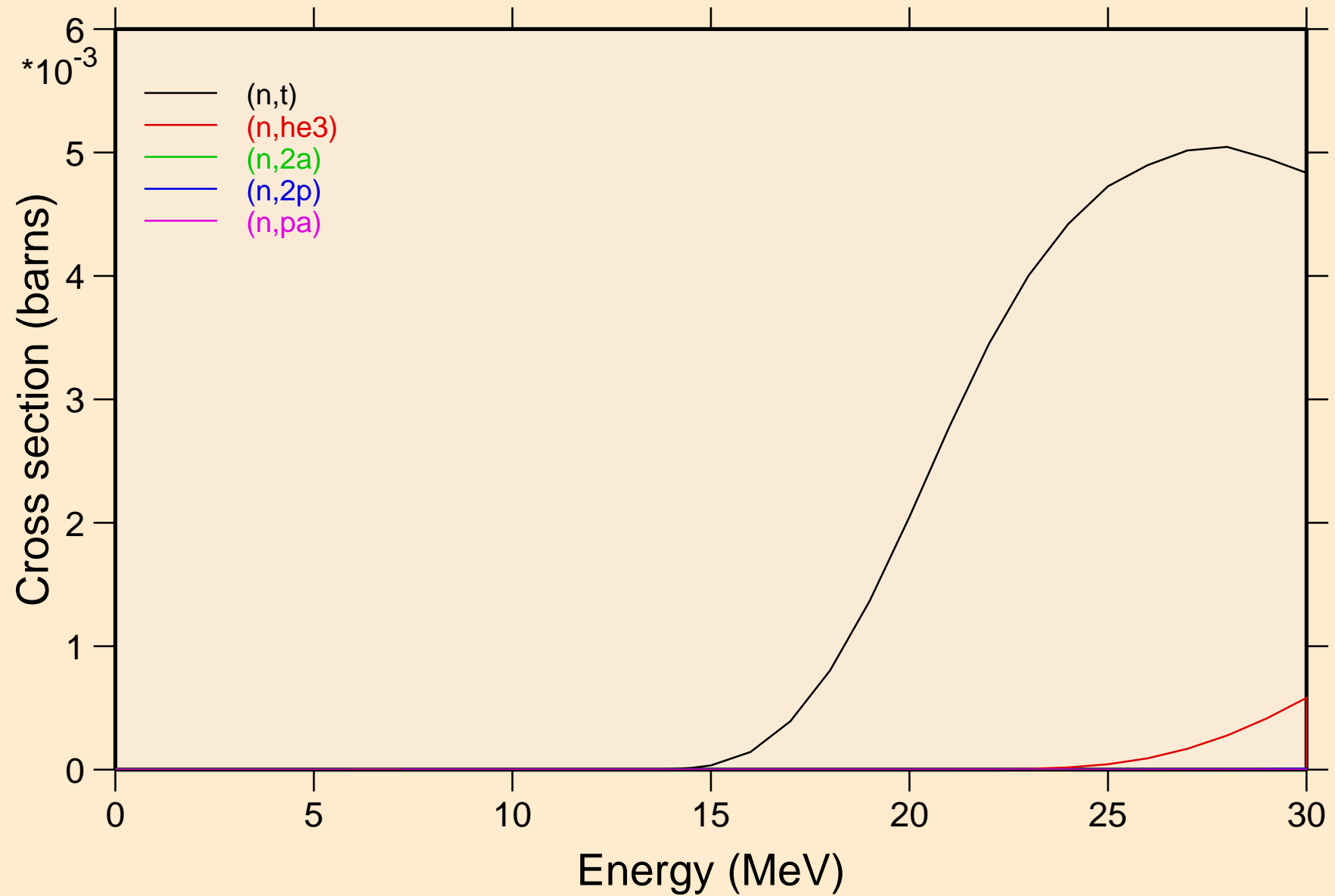
# TB157 NRG TENDL-2015, AKONING

## Threshold reactions



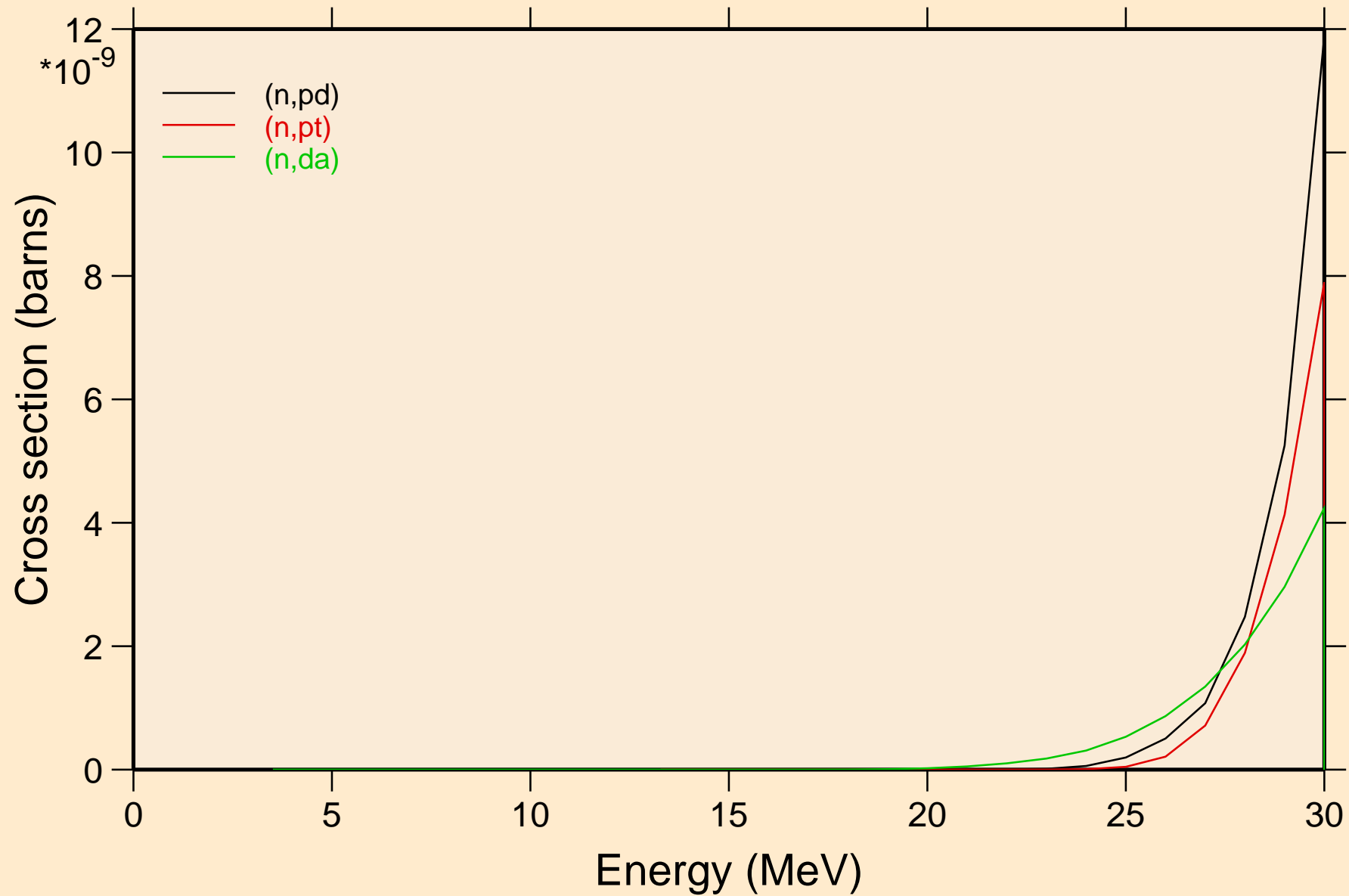
# TB157 NRG TENDL-2015, AKONING

## Threshold reactions

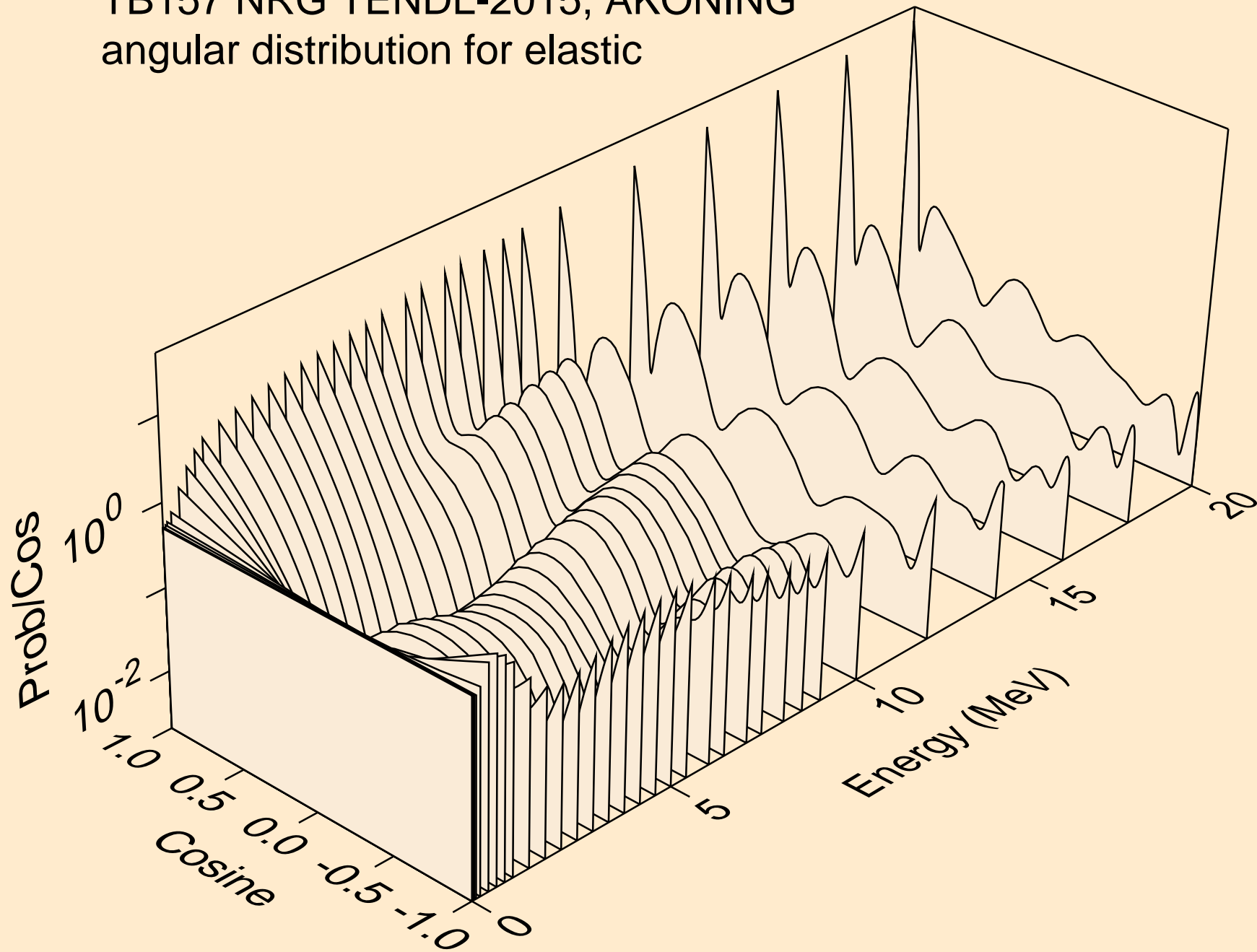


# TB157 NRG TENDL-2015, AKONING

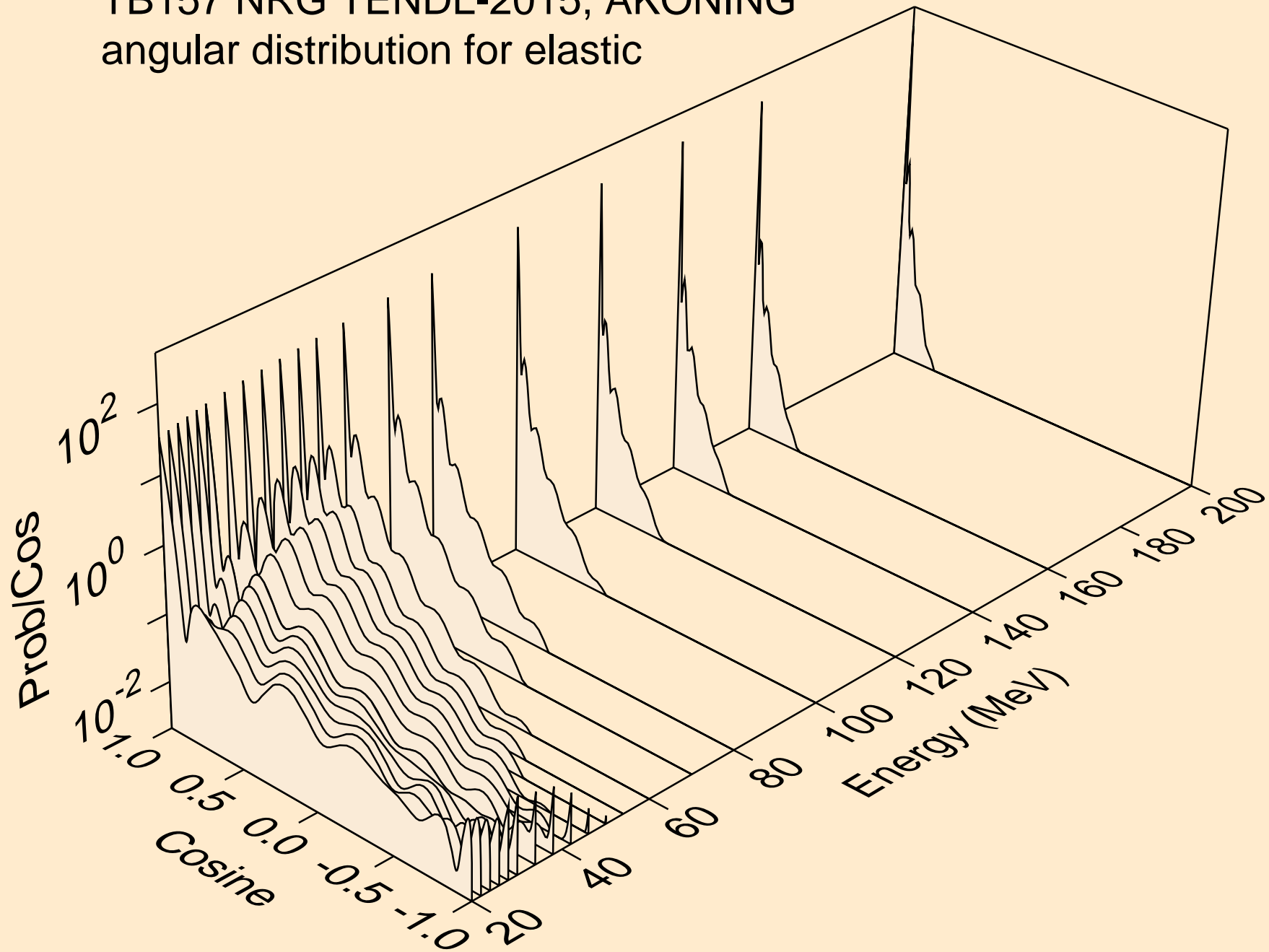
## Threshold reactions



TB157 NRG TENDL-2015, AKONING  
angular distribution for elastic

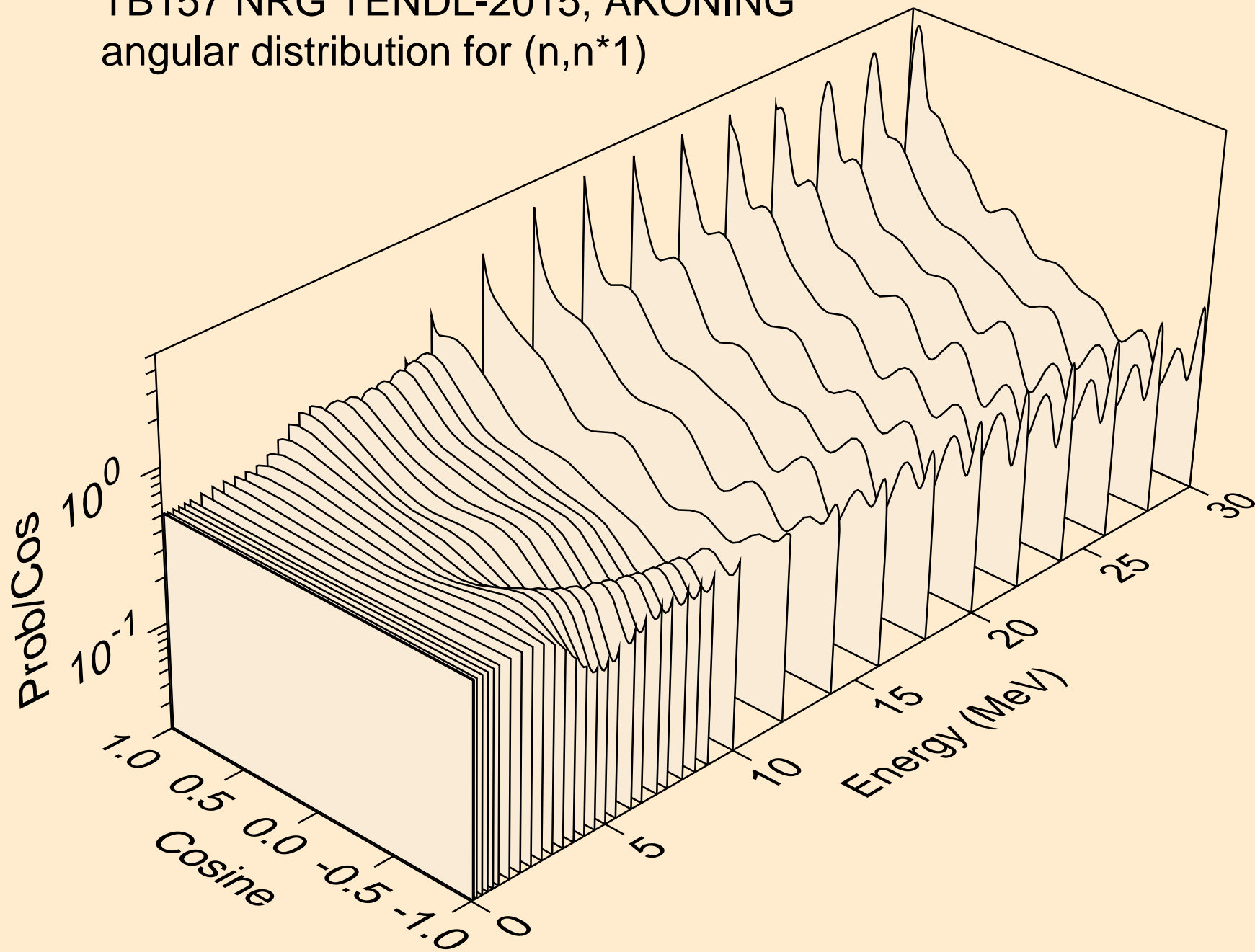


TB157 NRG TENDL-2015, AKONING  
angular distribution for elastic

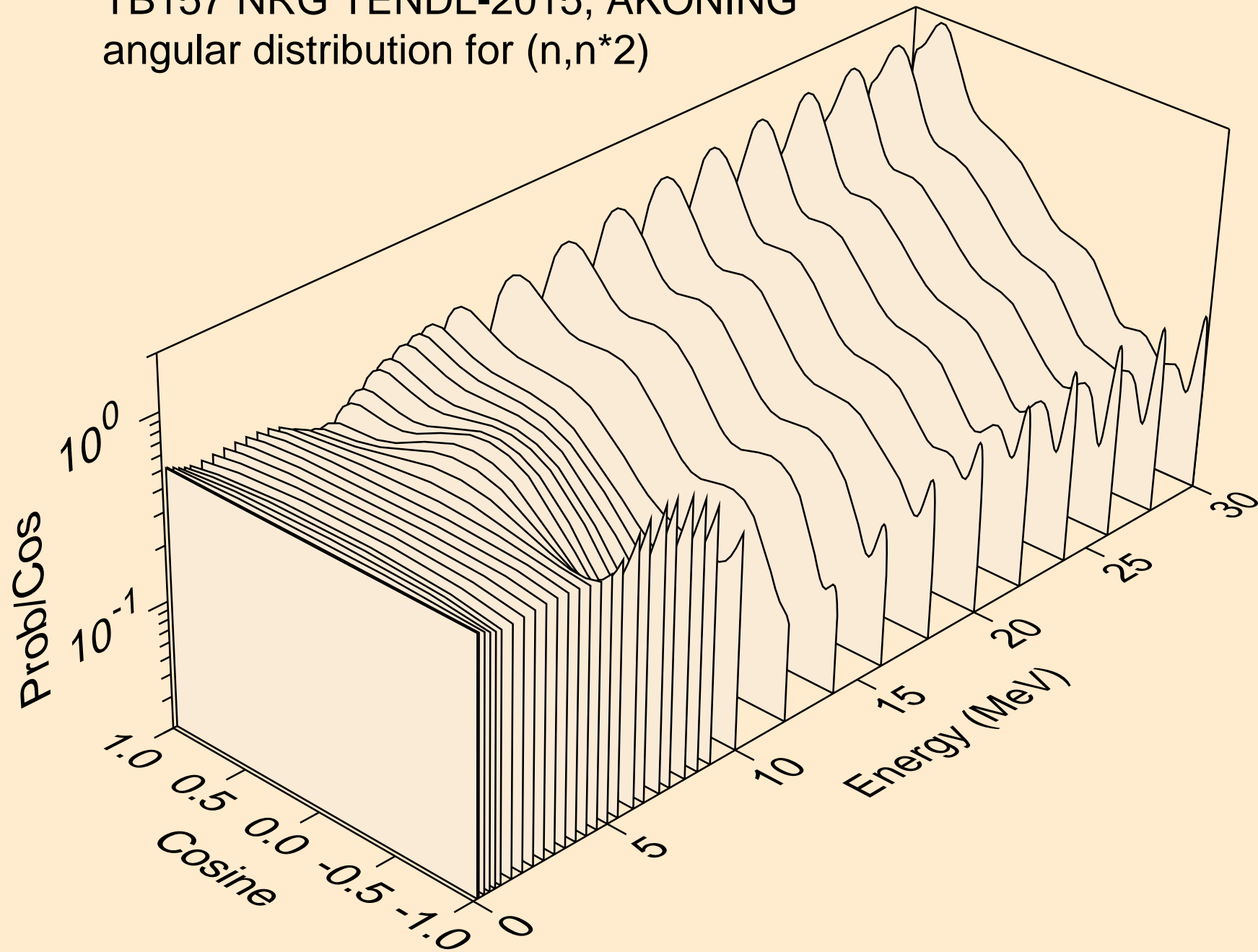




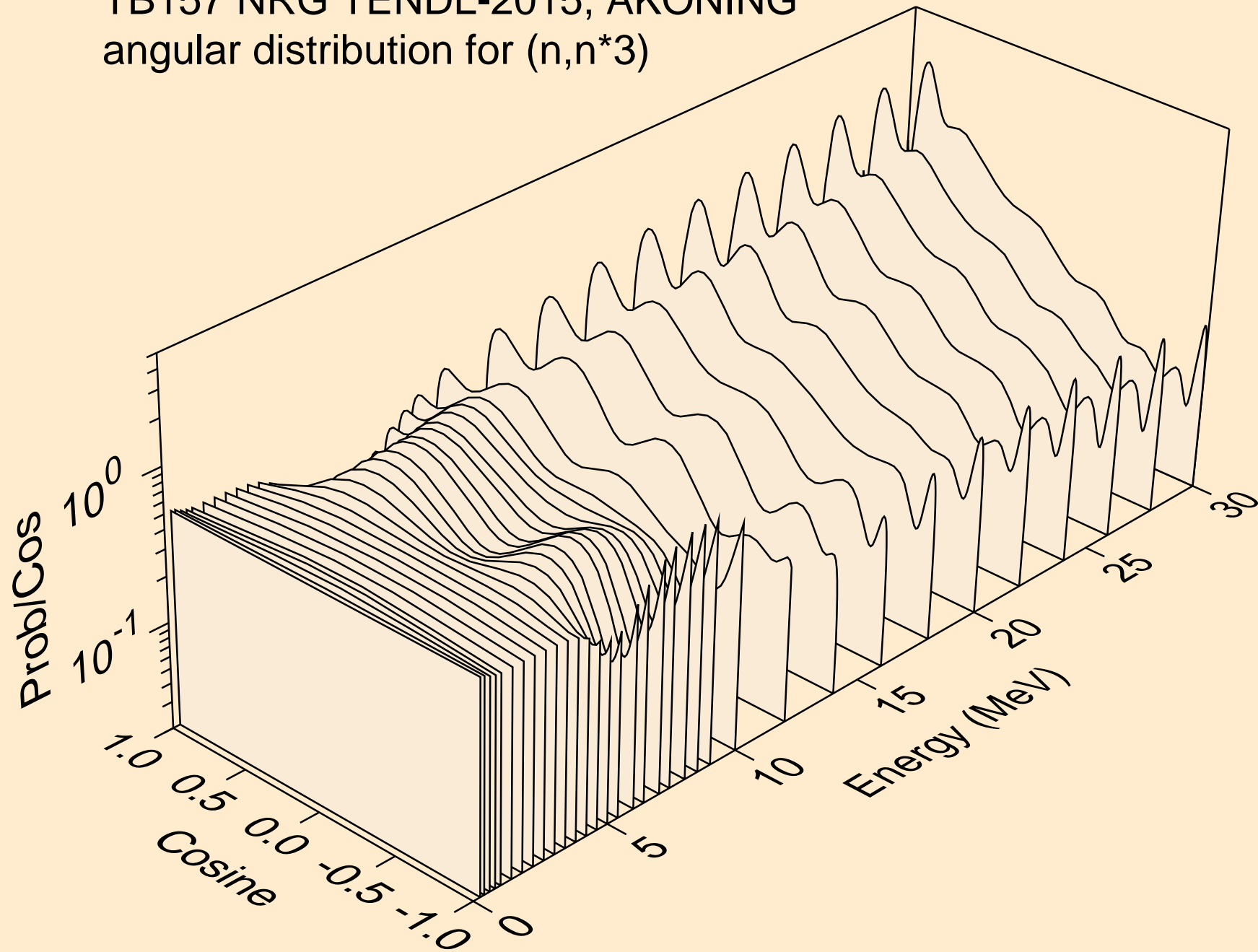
TB157 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



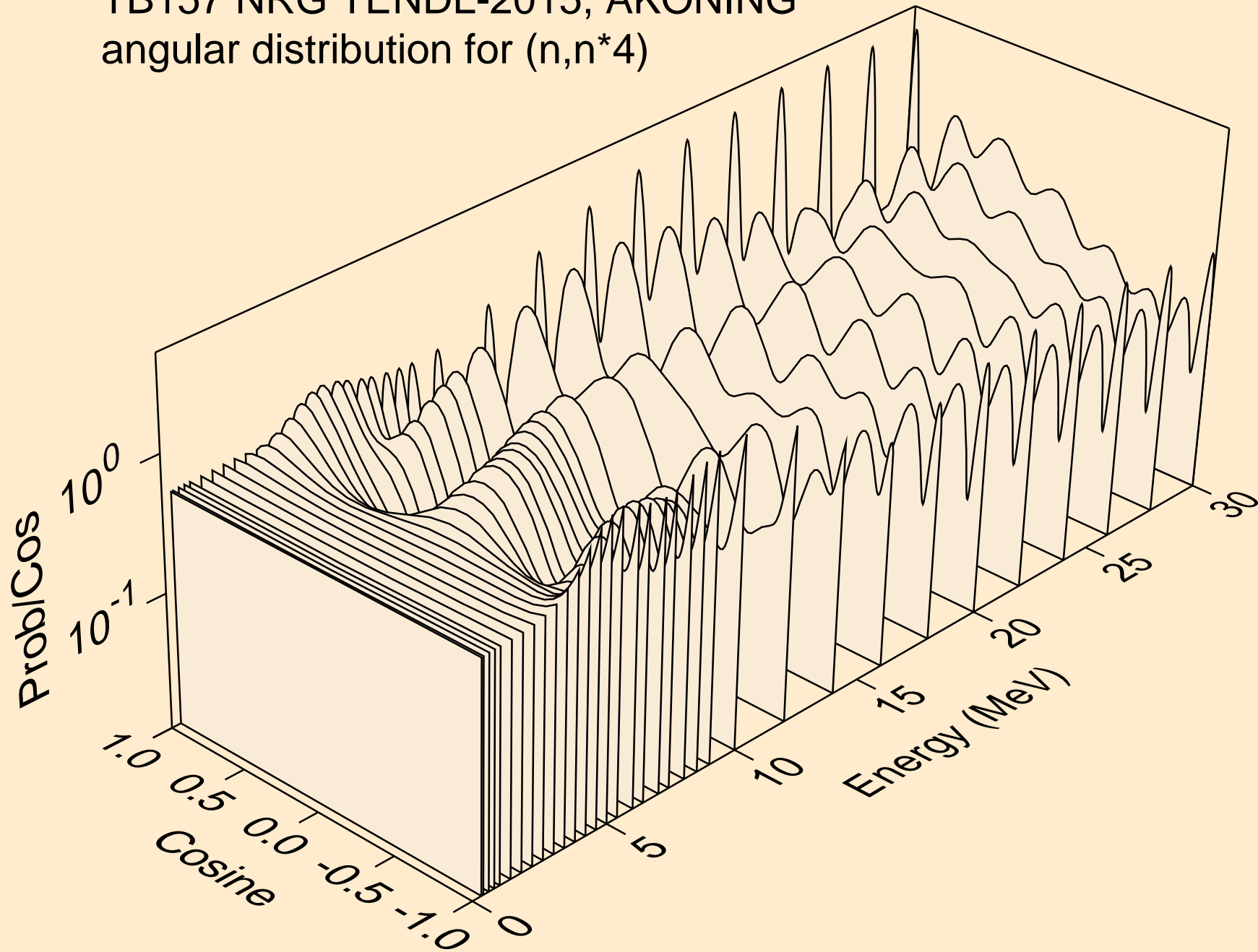
TB157 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



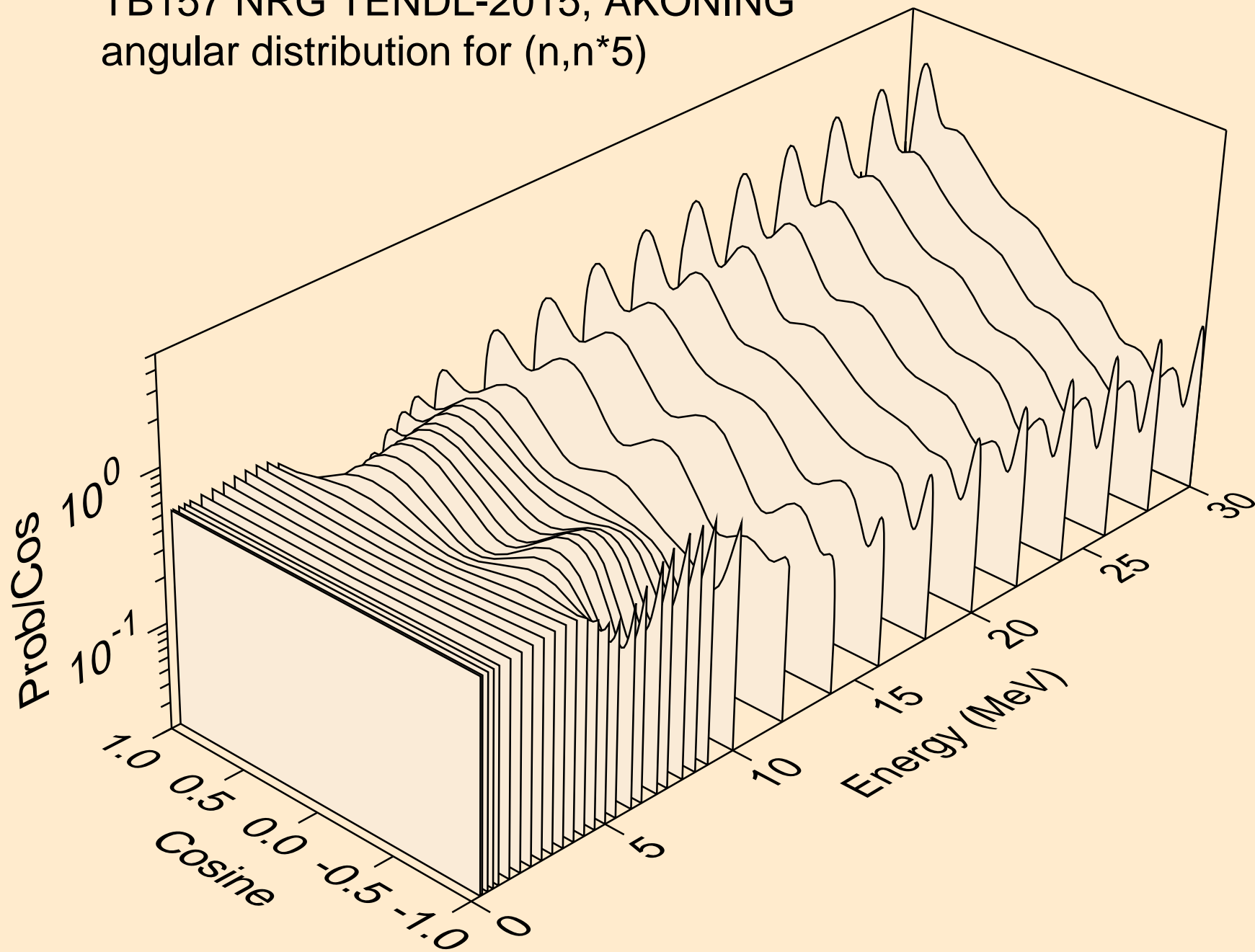
TB157 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



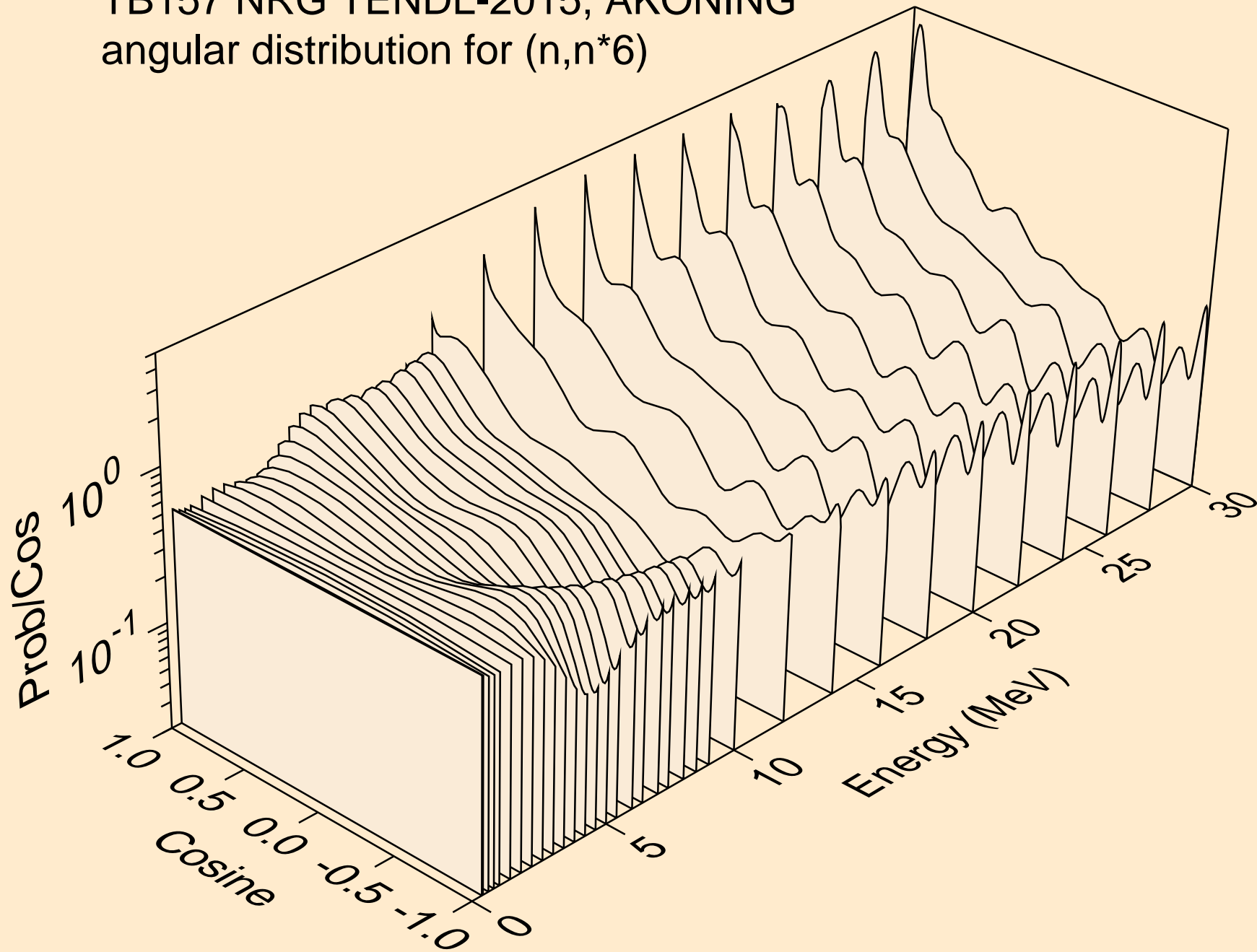
TB157 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



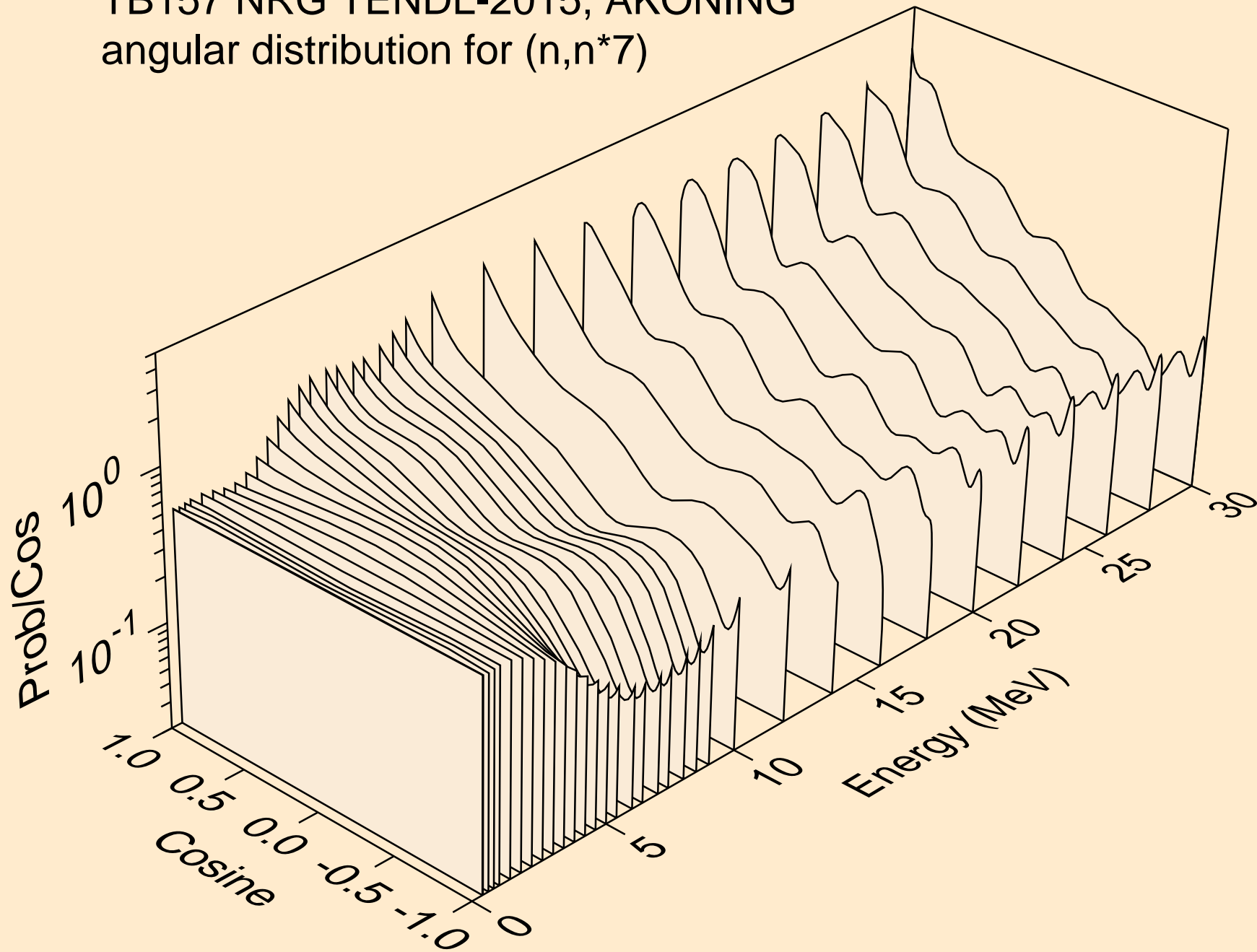
TB157 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



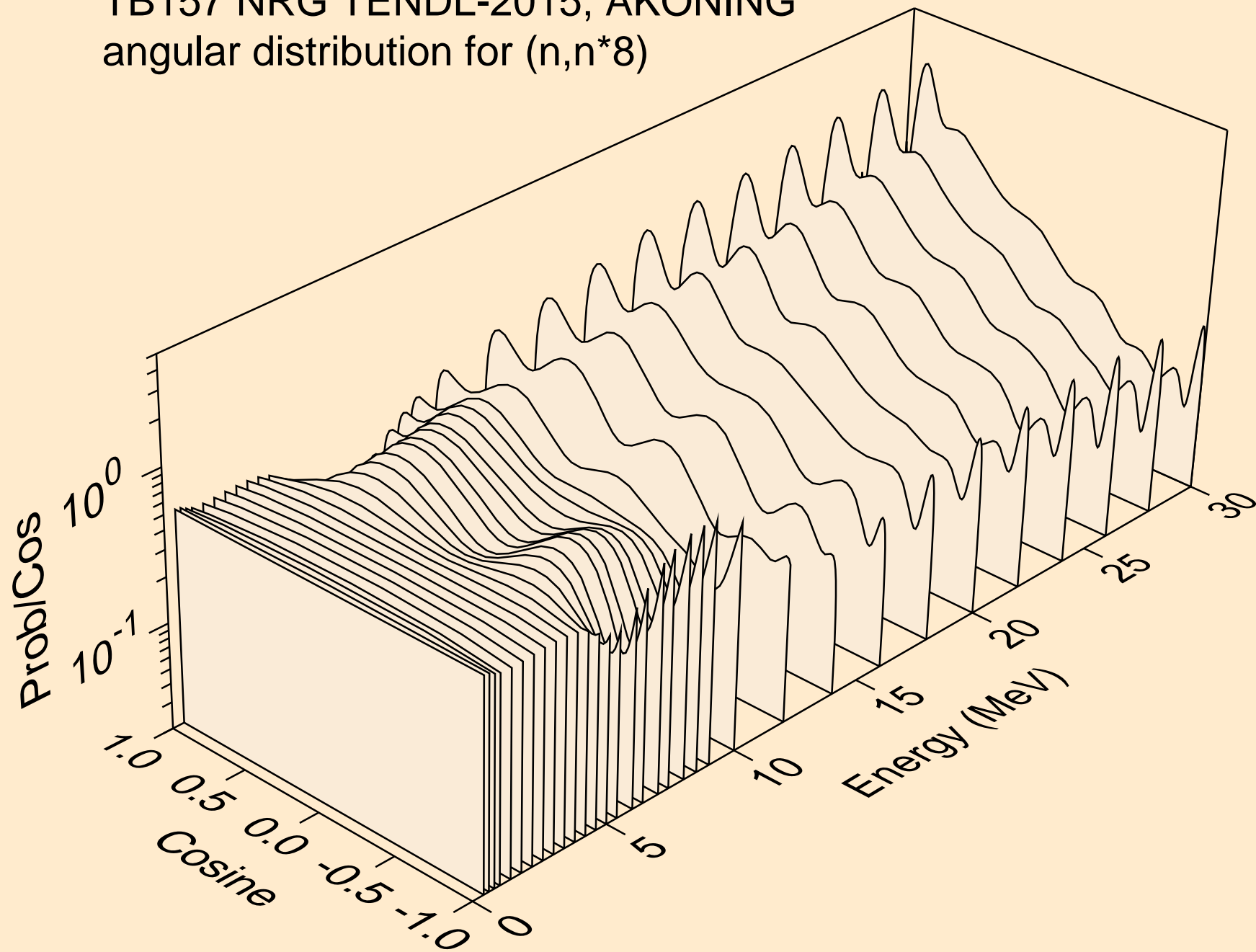
TB157 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



TB157 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

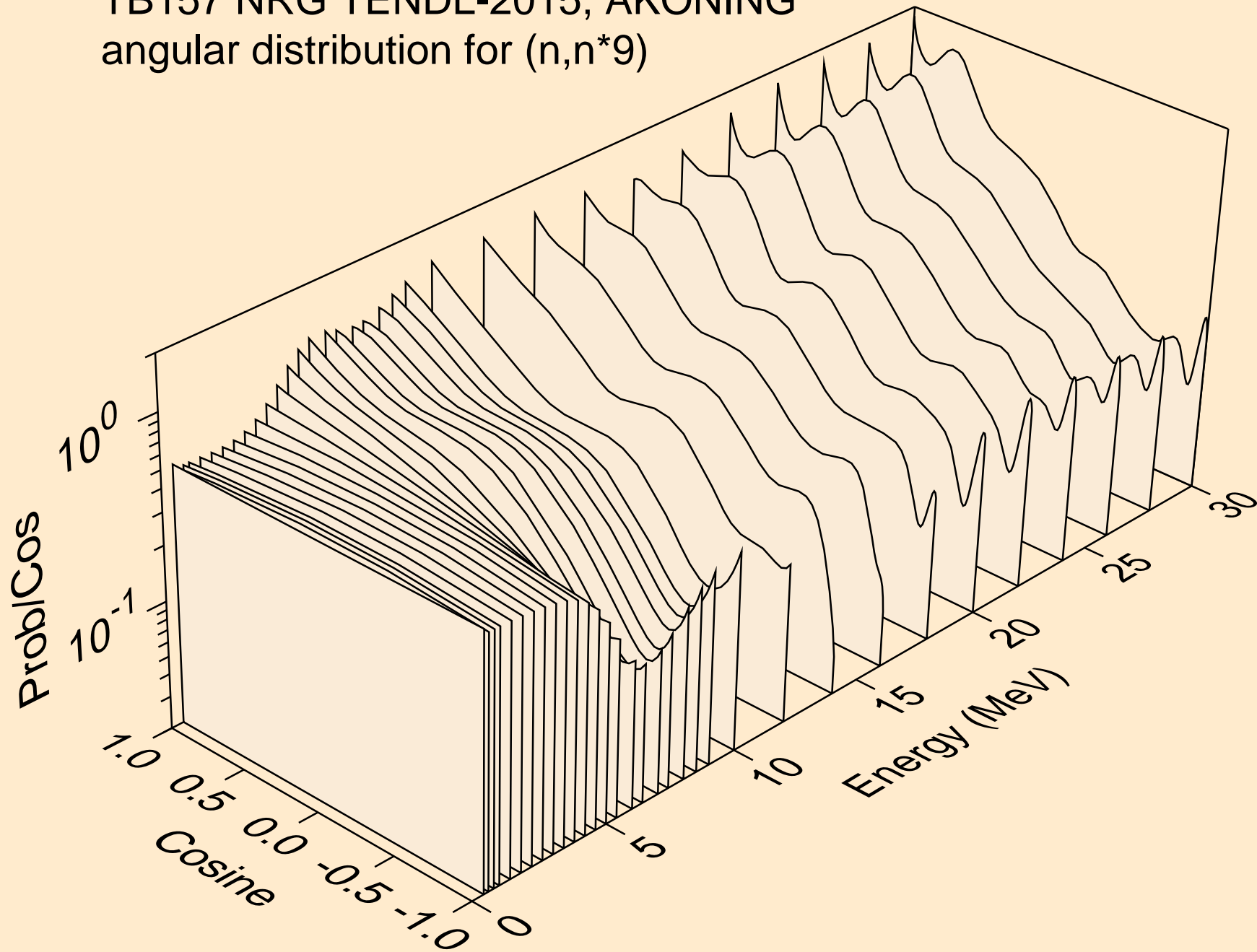


TB157 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)

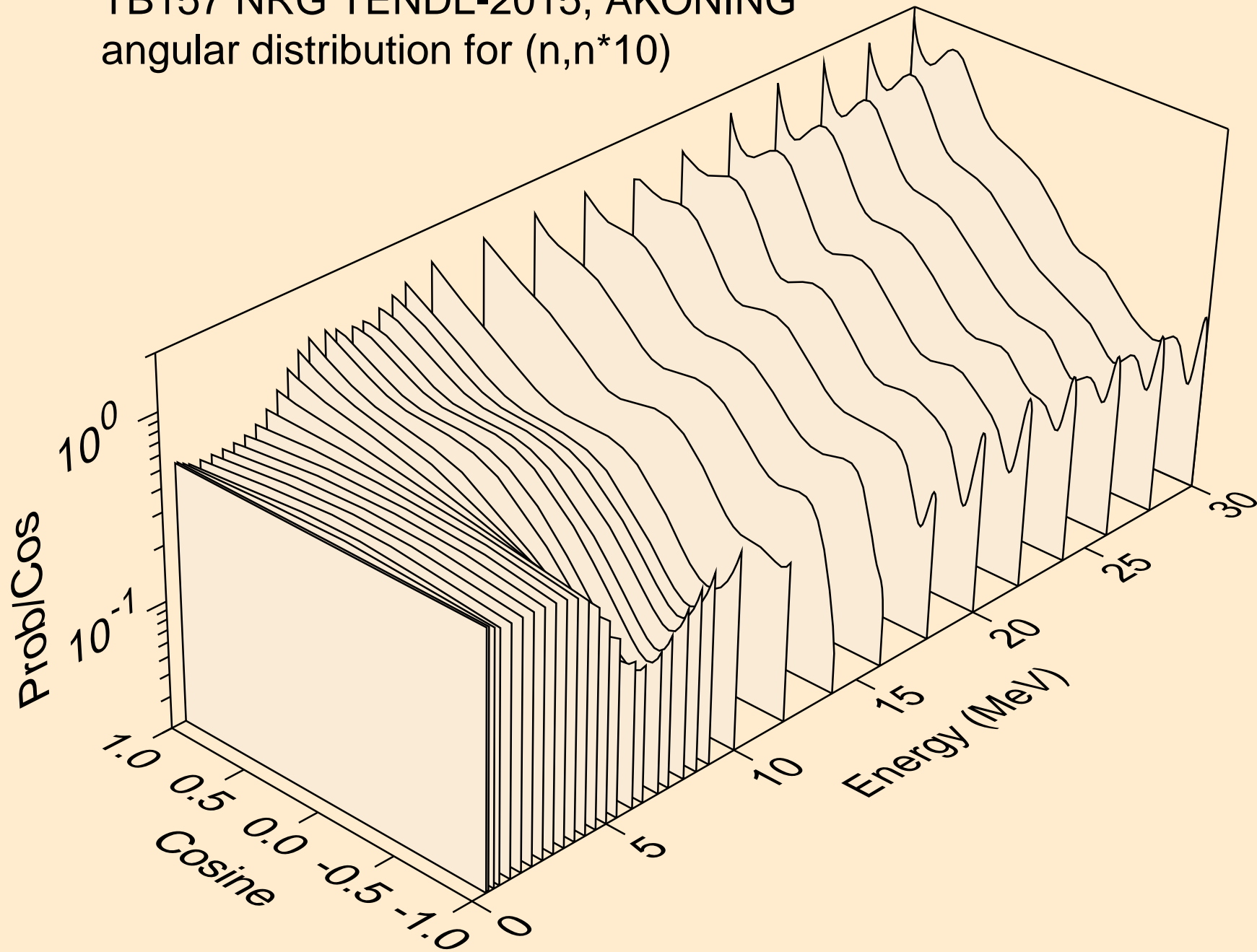




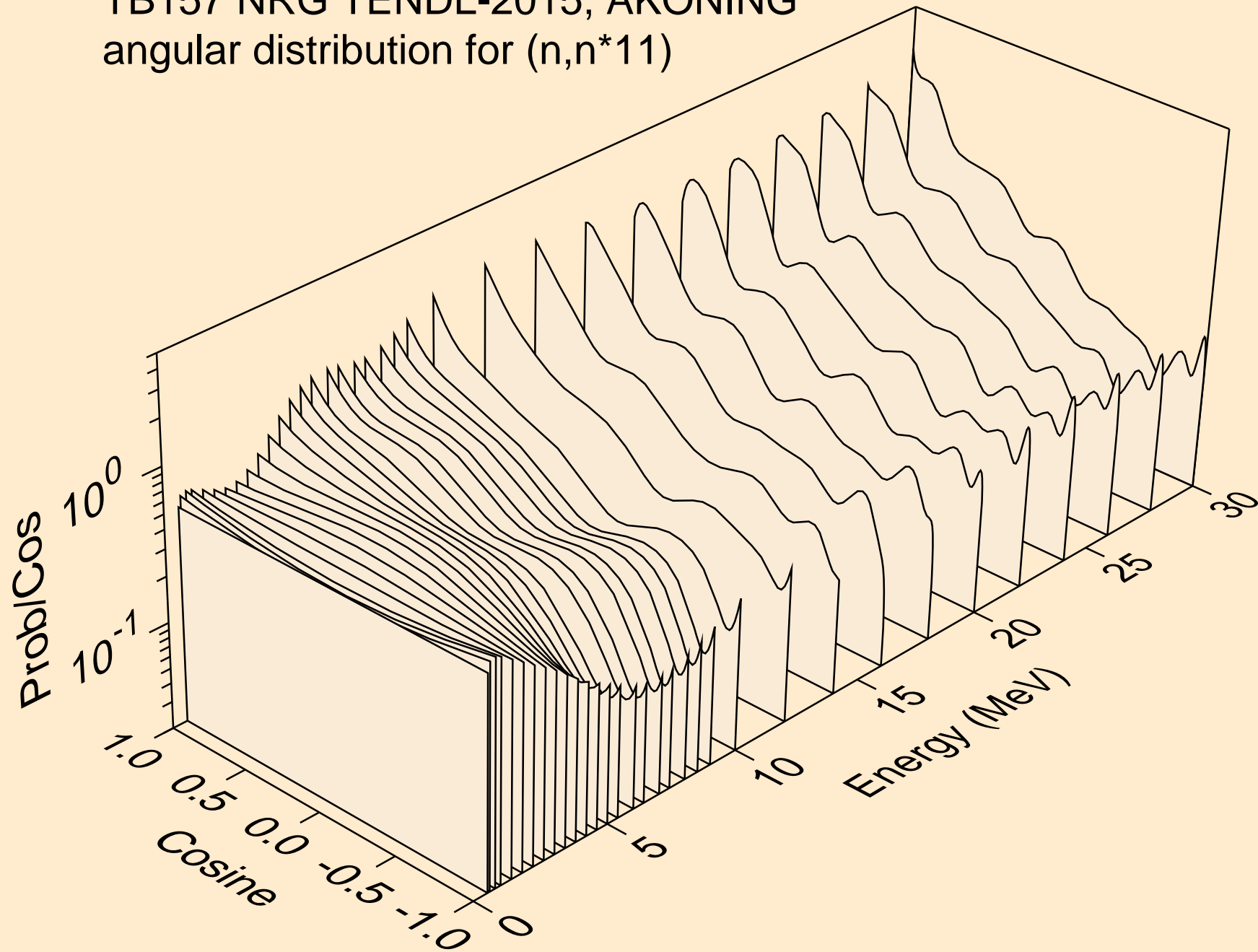
TB157 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



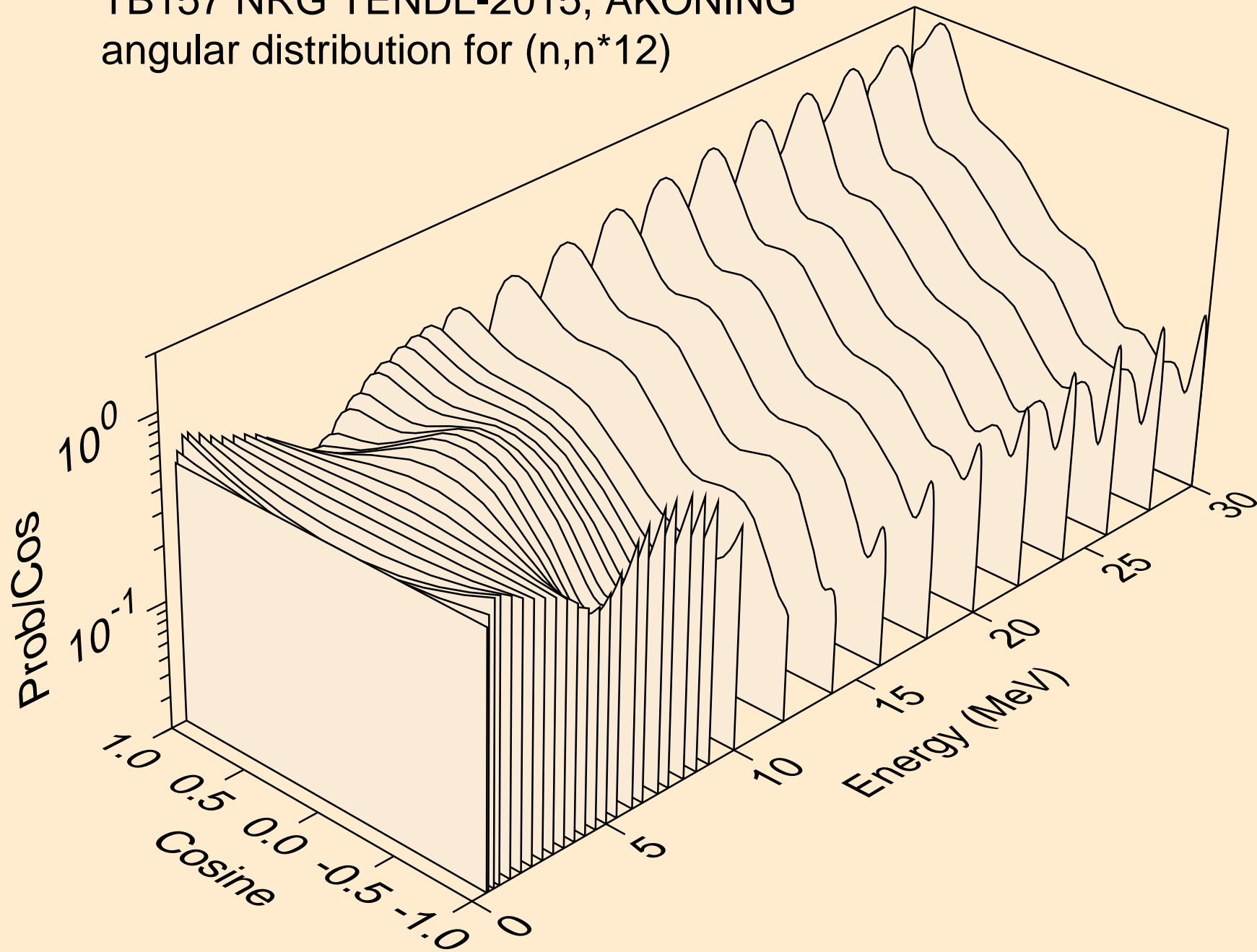
TB157 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



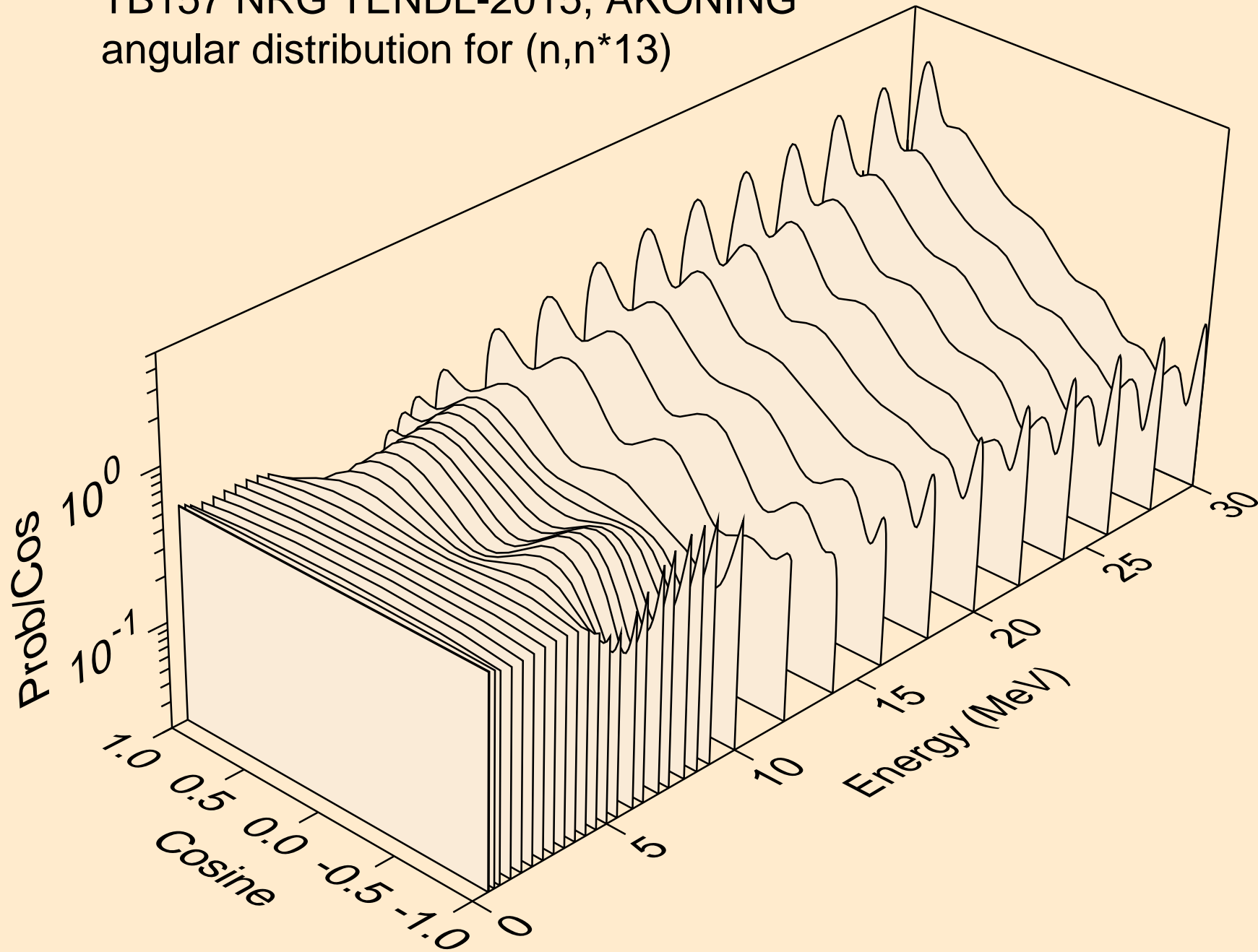
TB157 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



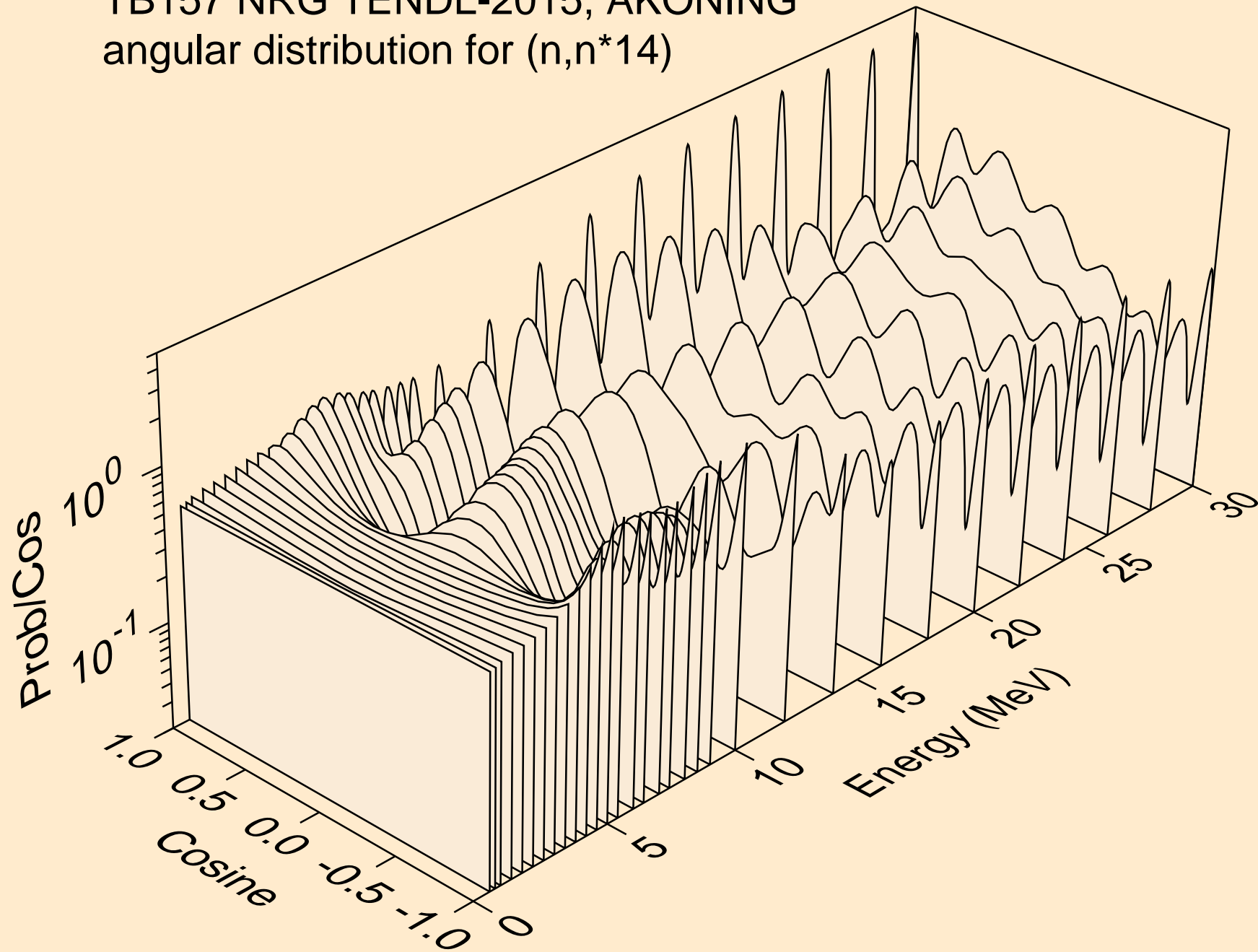
TB157 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



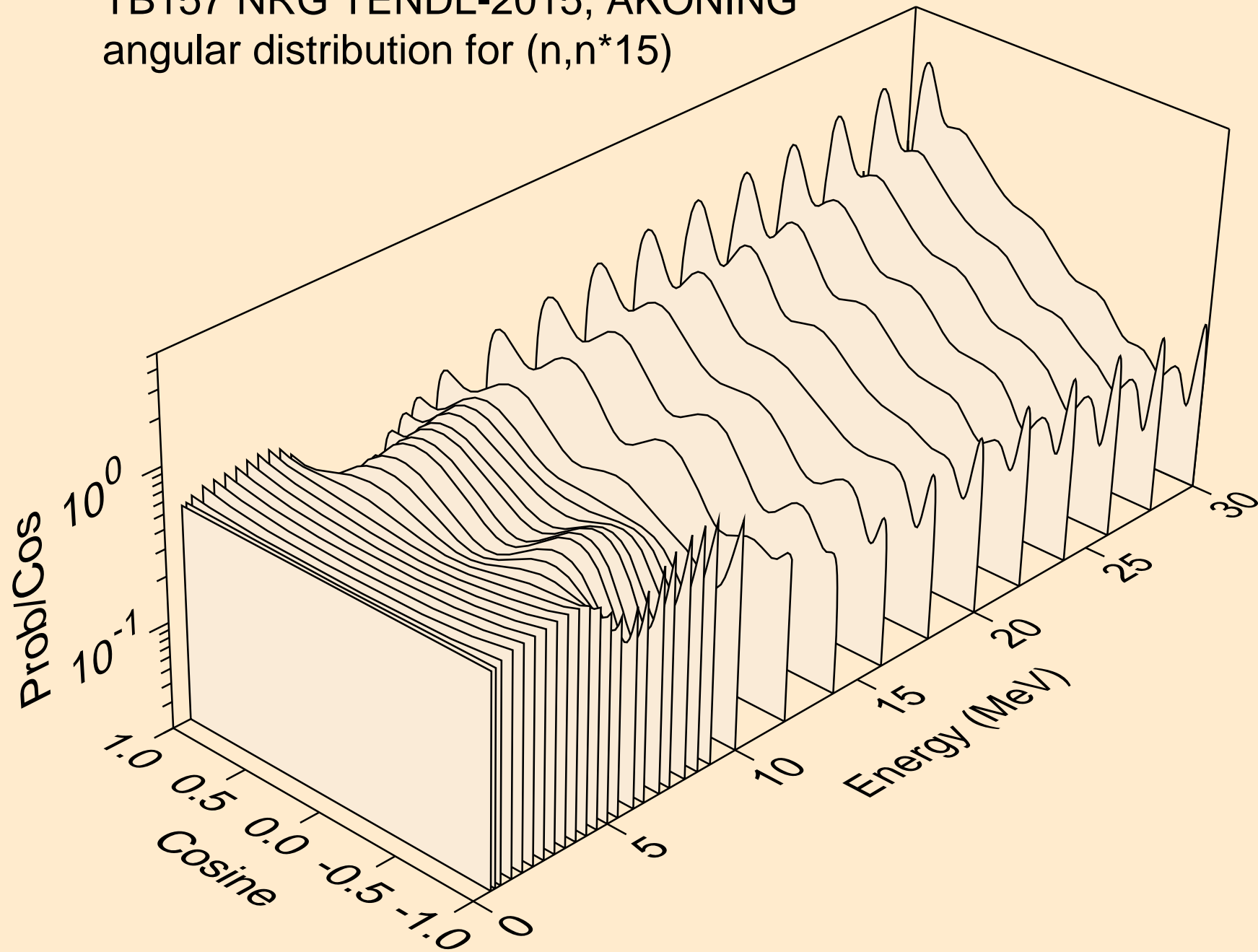
TB157 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



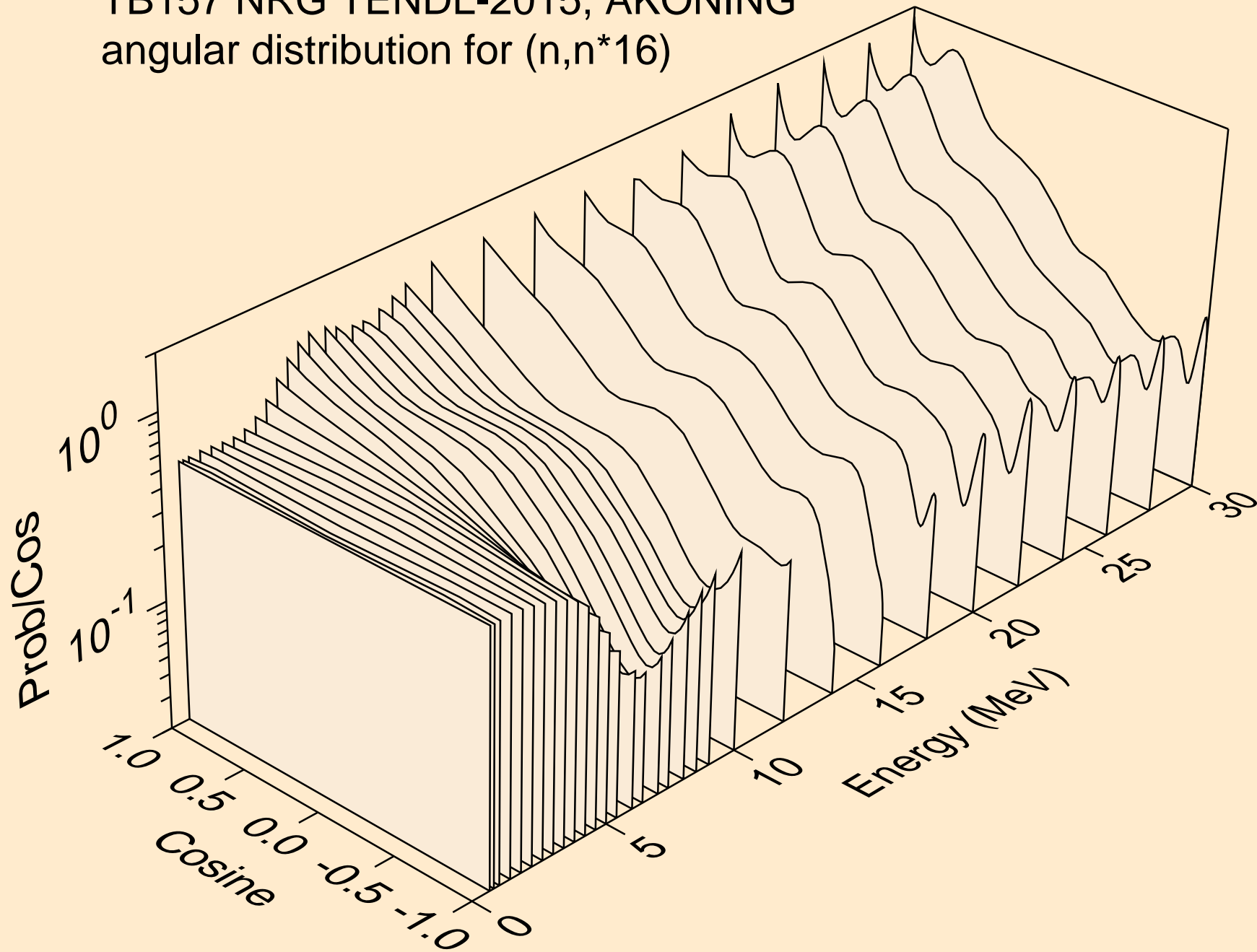
TB157 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



TB157 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

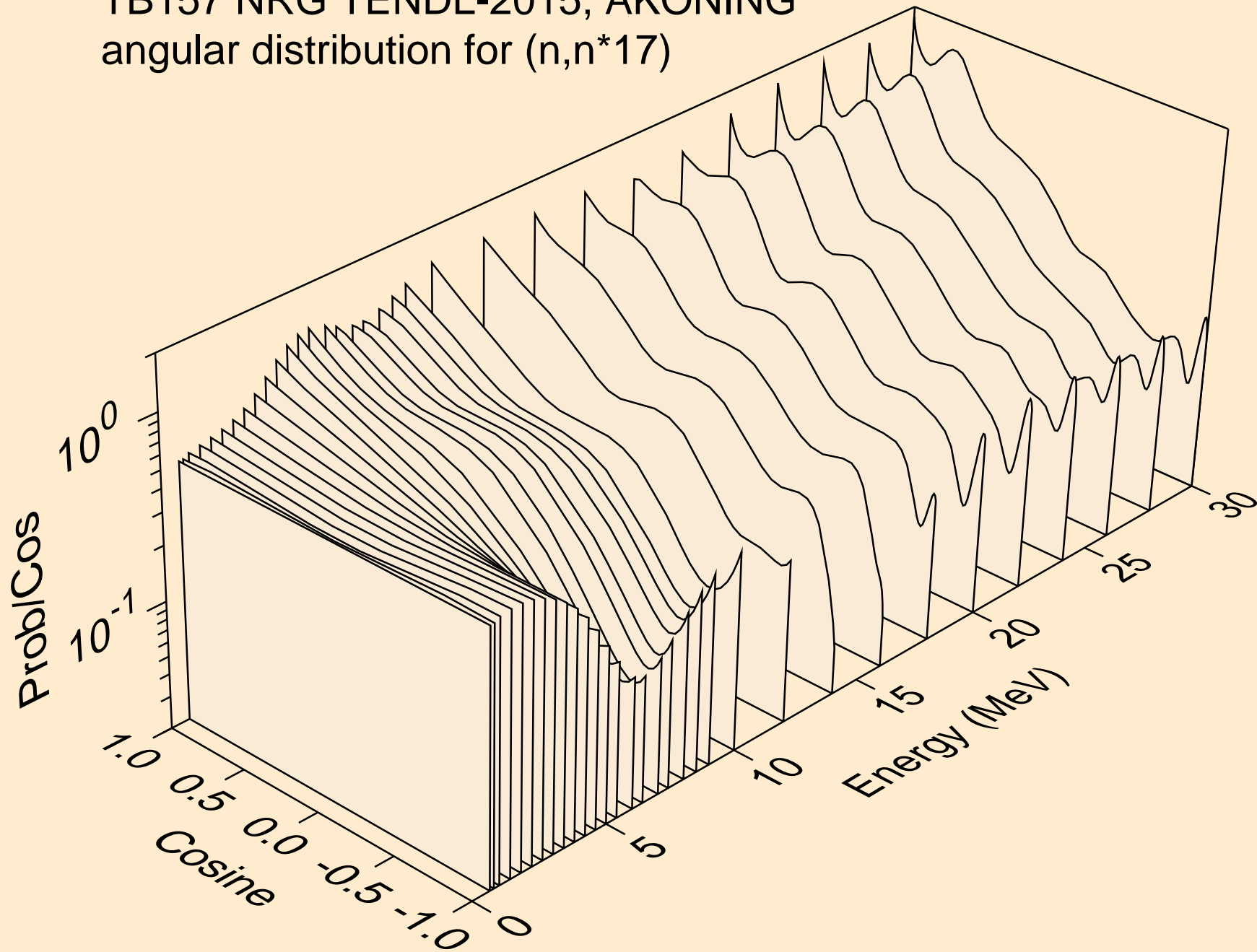


TB157 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)

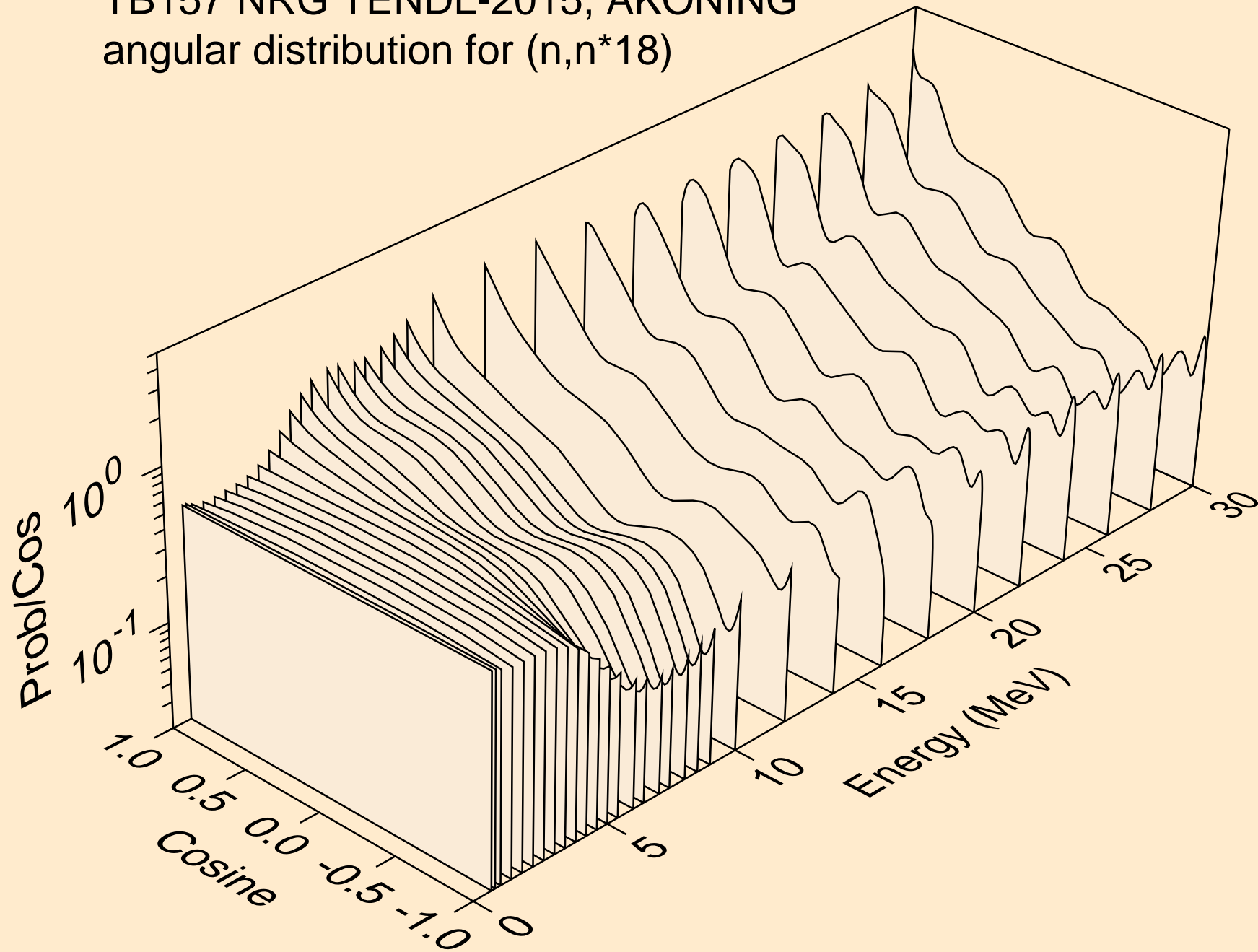




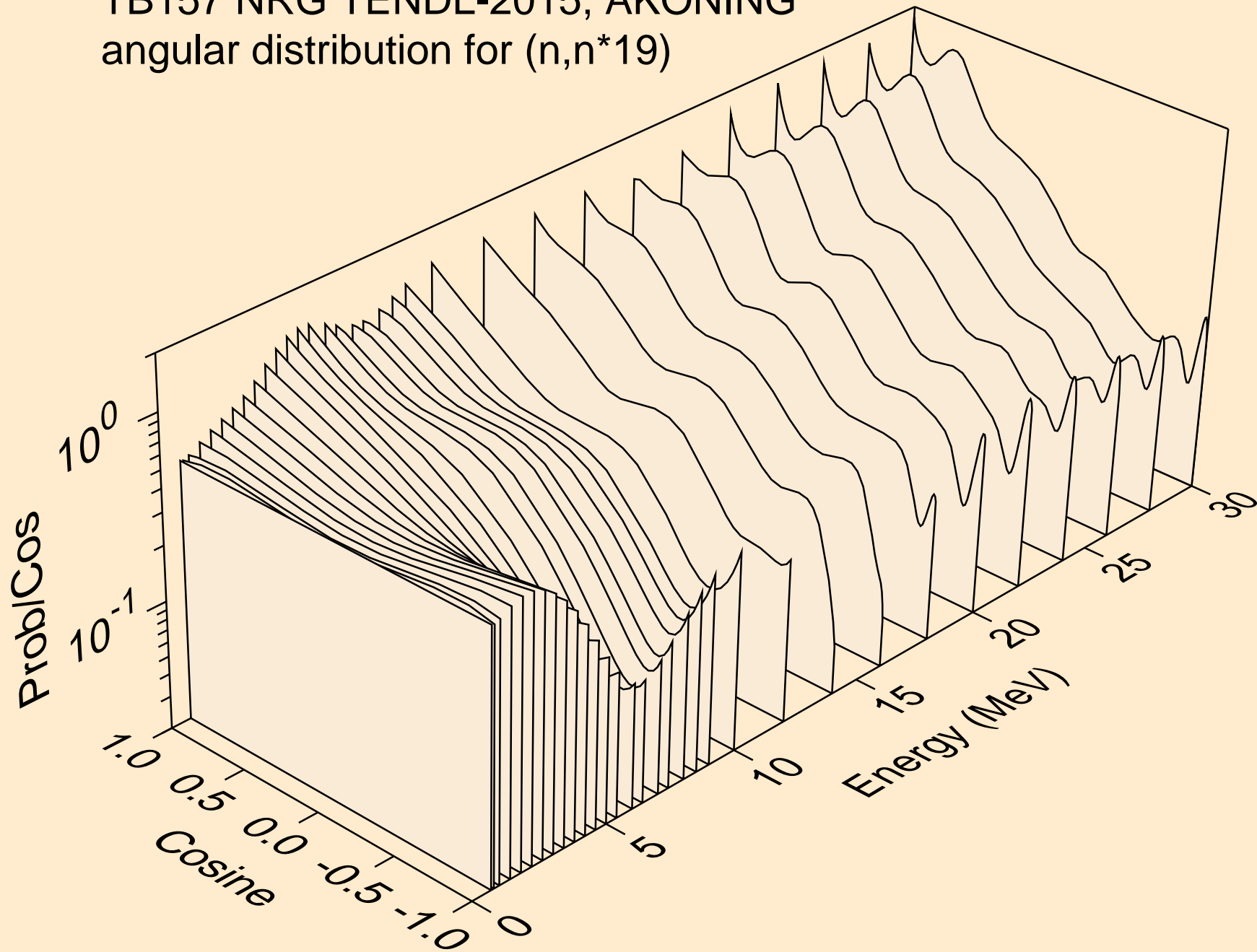
TB157 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



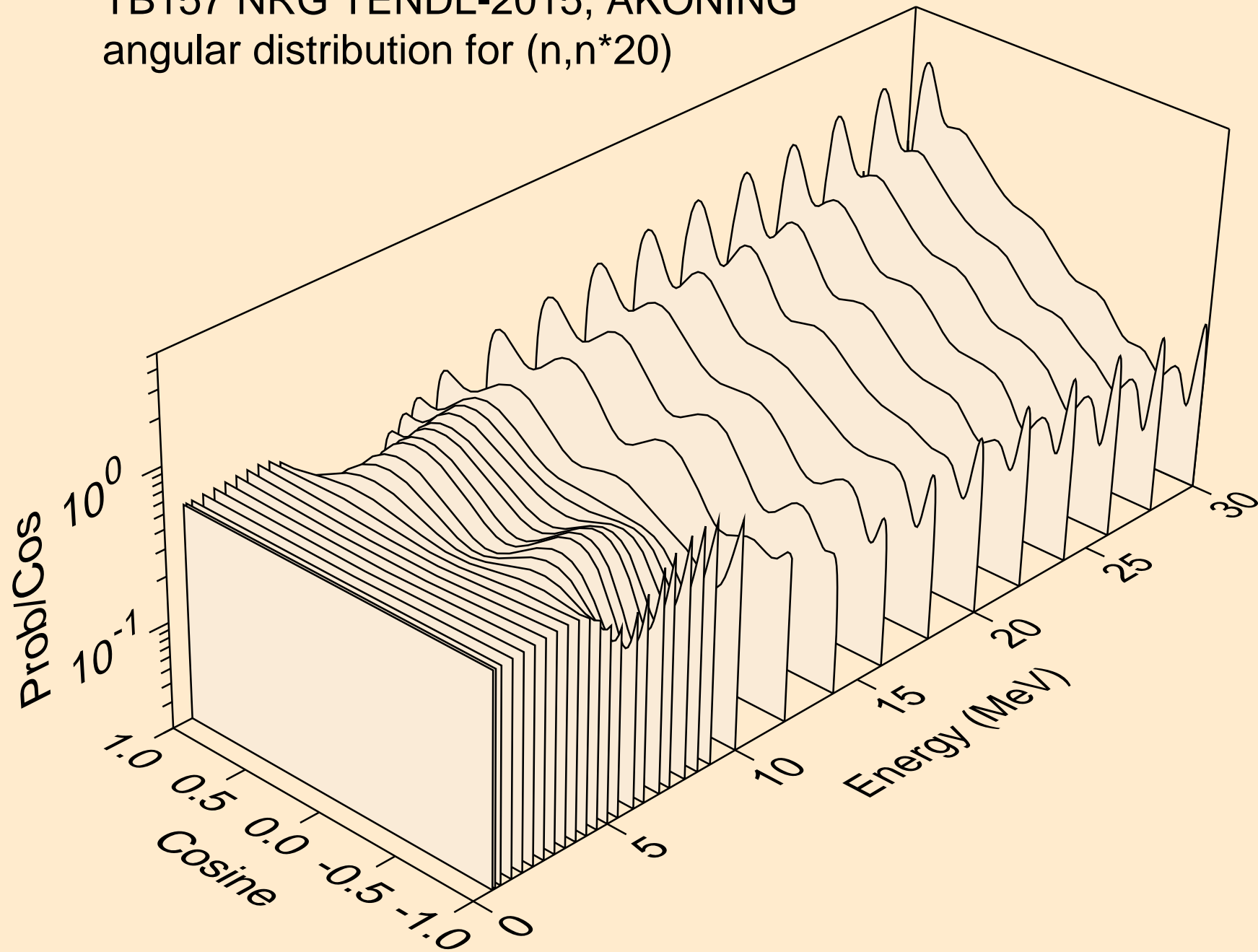
TB157 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



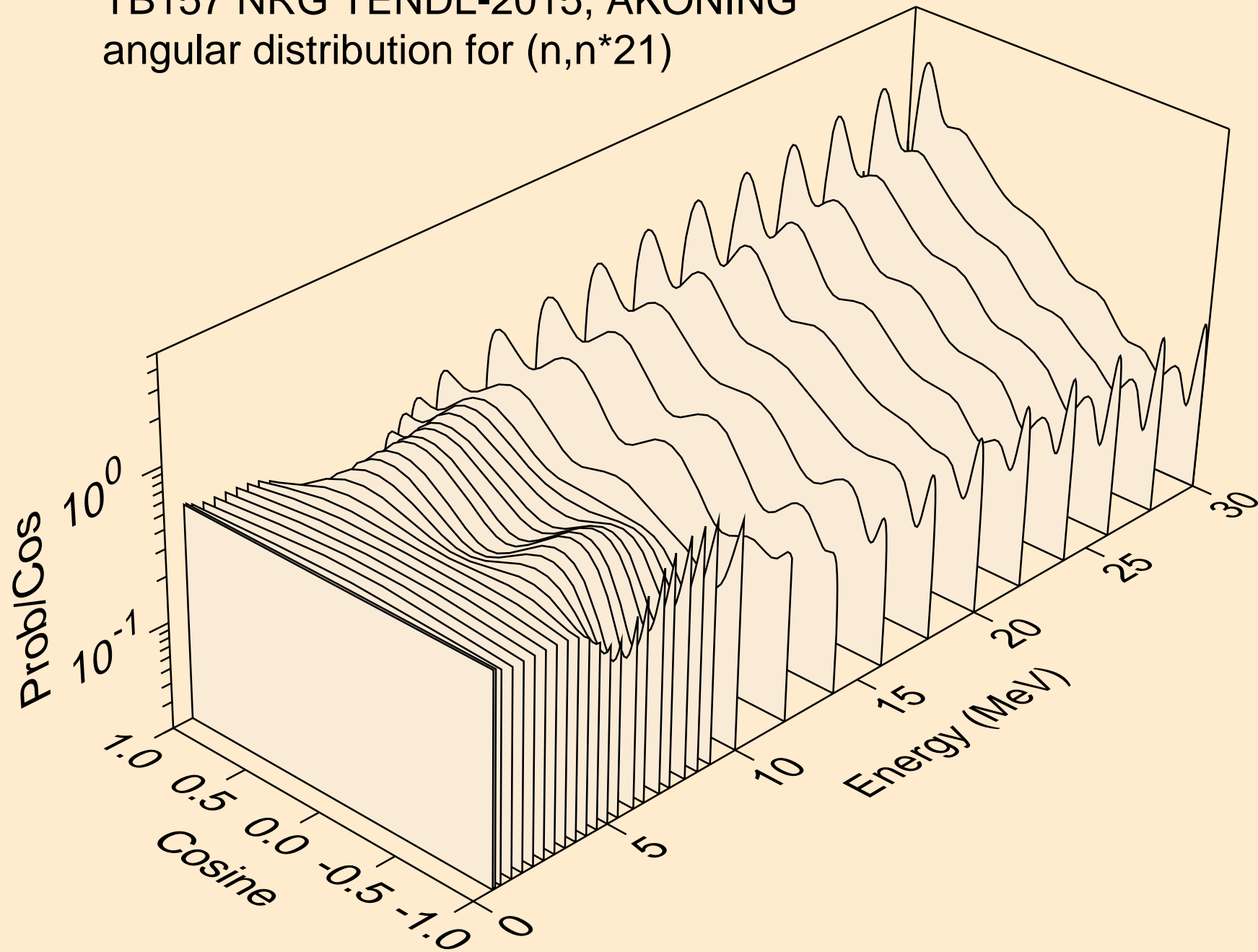
TB157 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



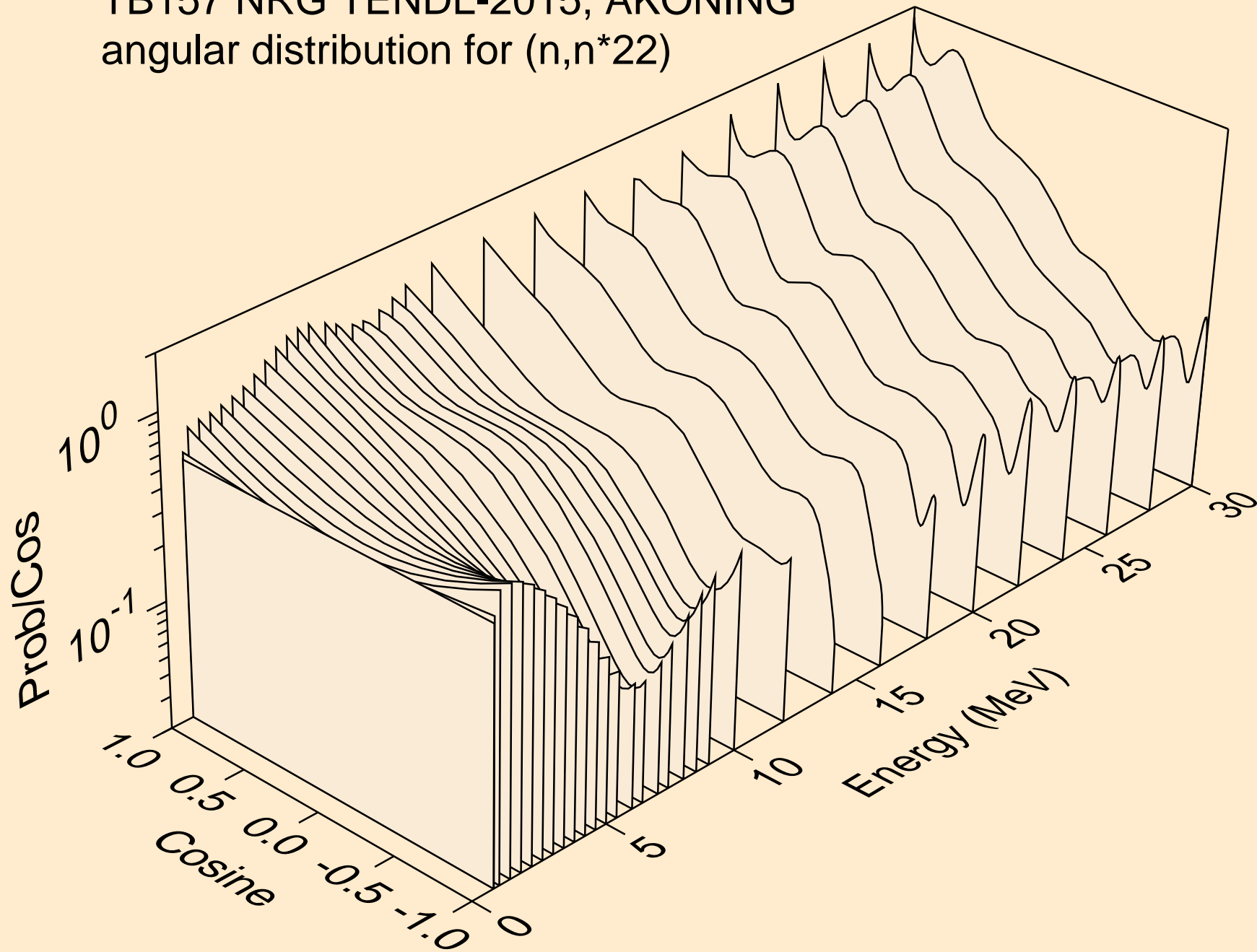
TB157 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



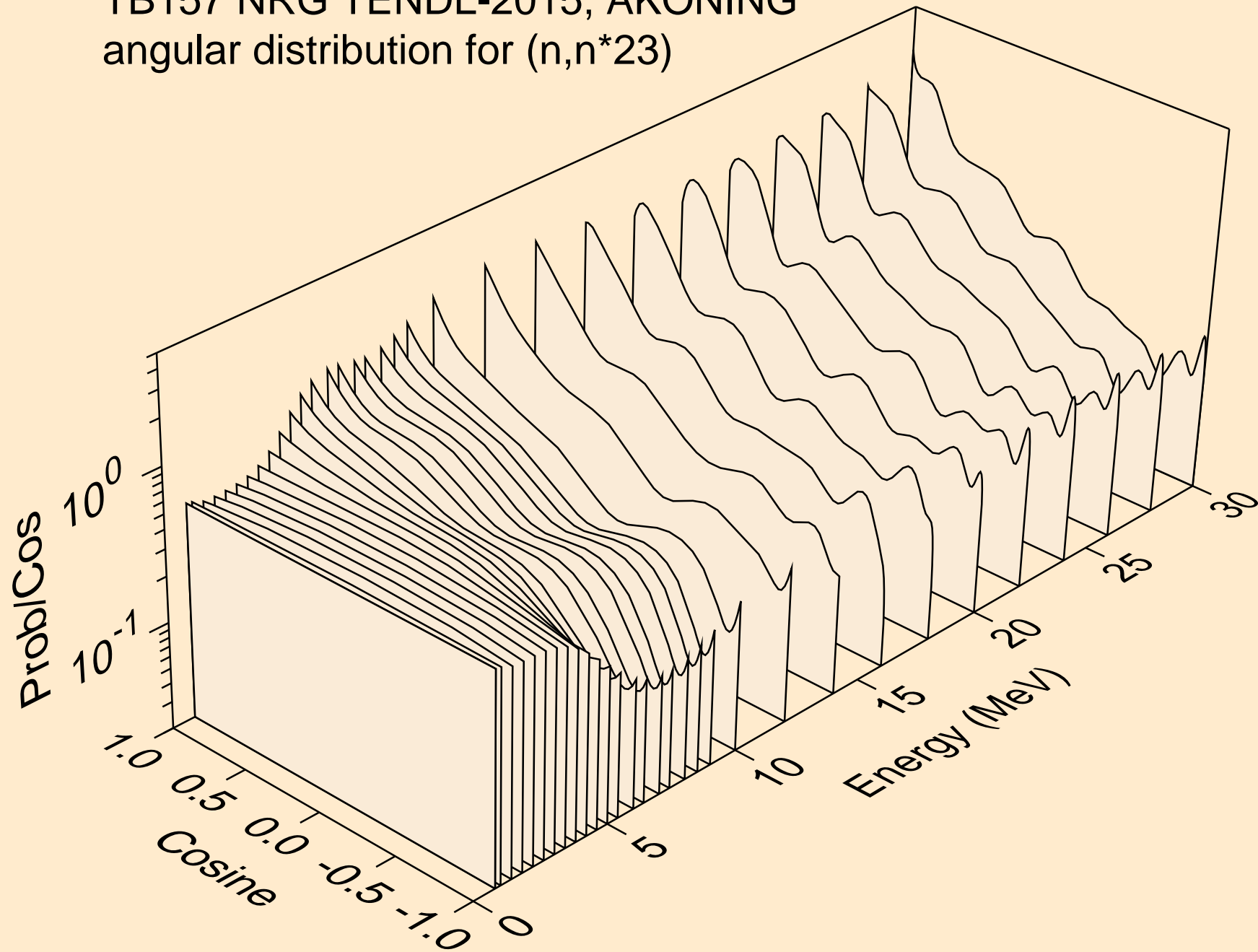
TB157 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



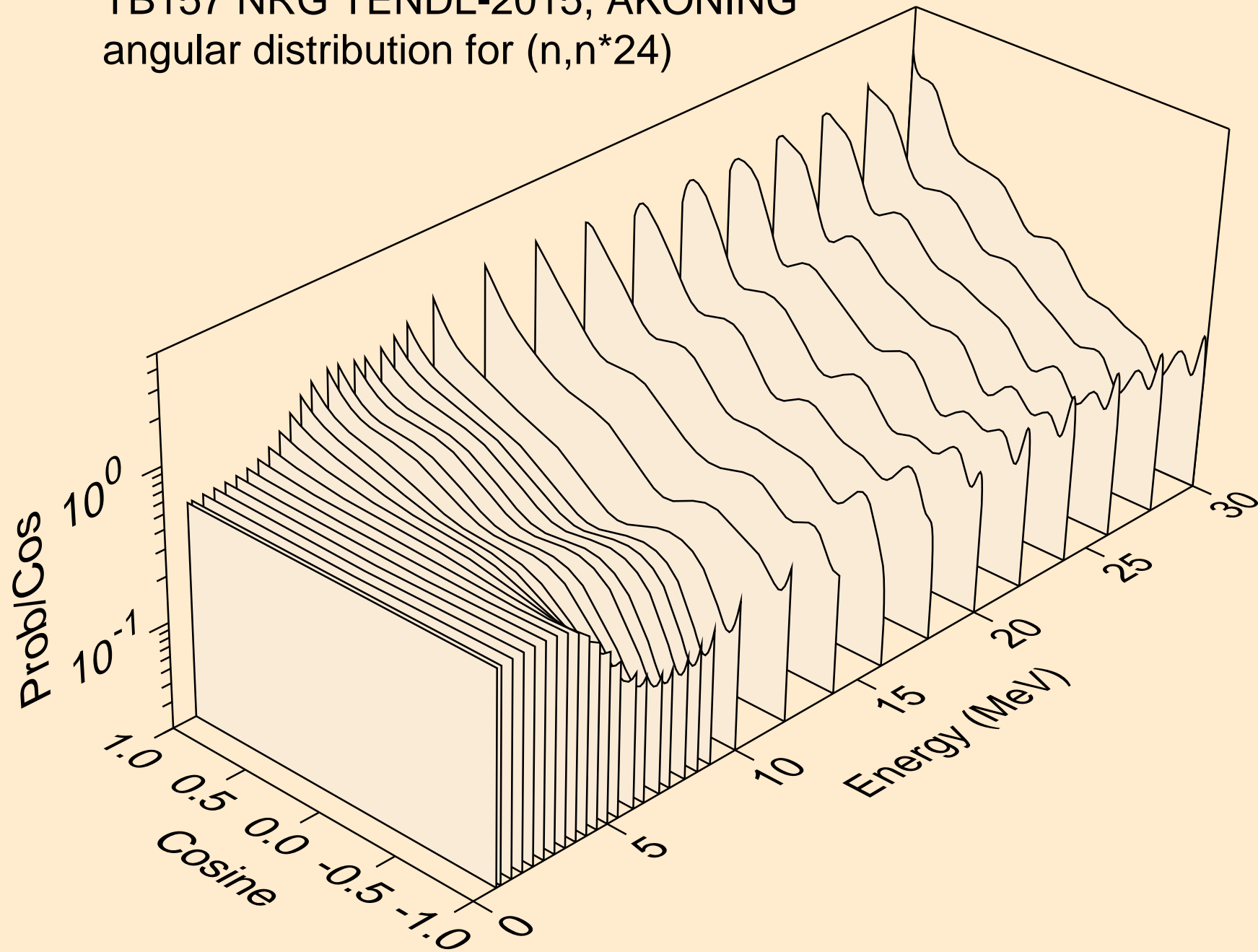
TB157 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



TB157 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)

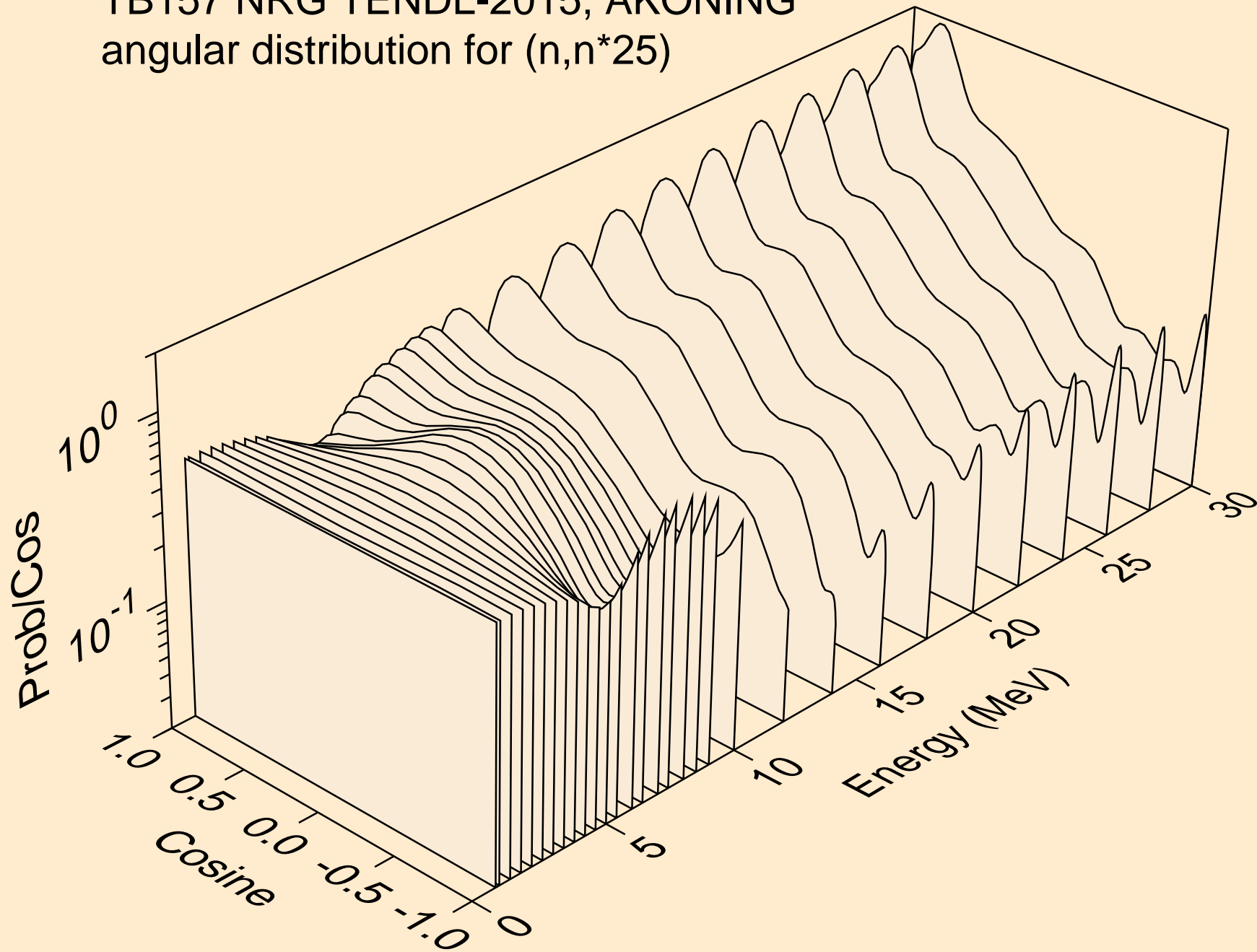


TB157 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)

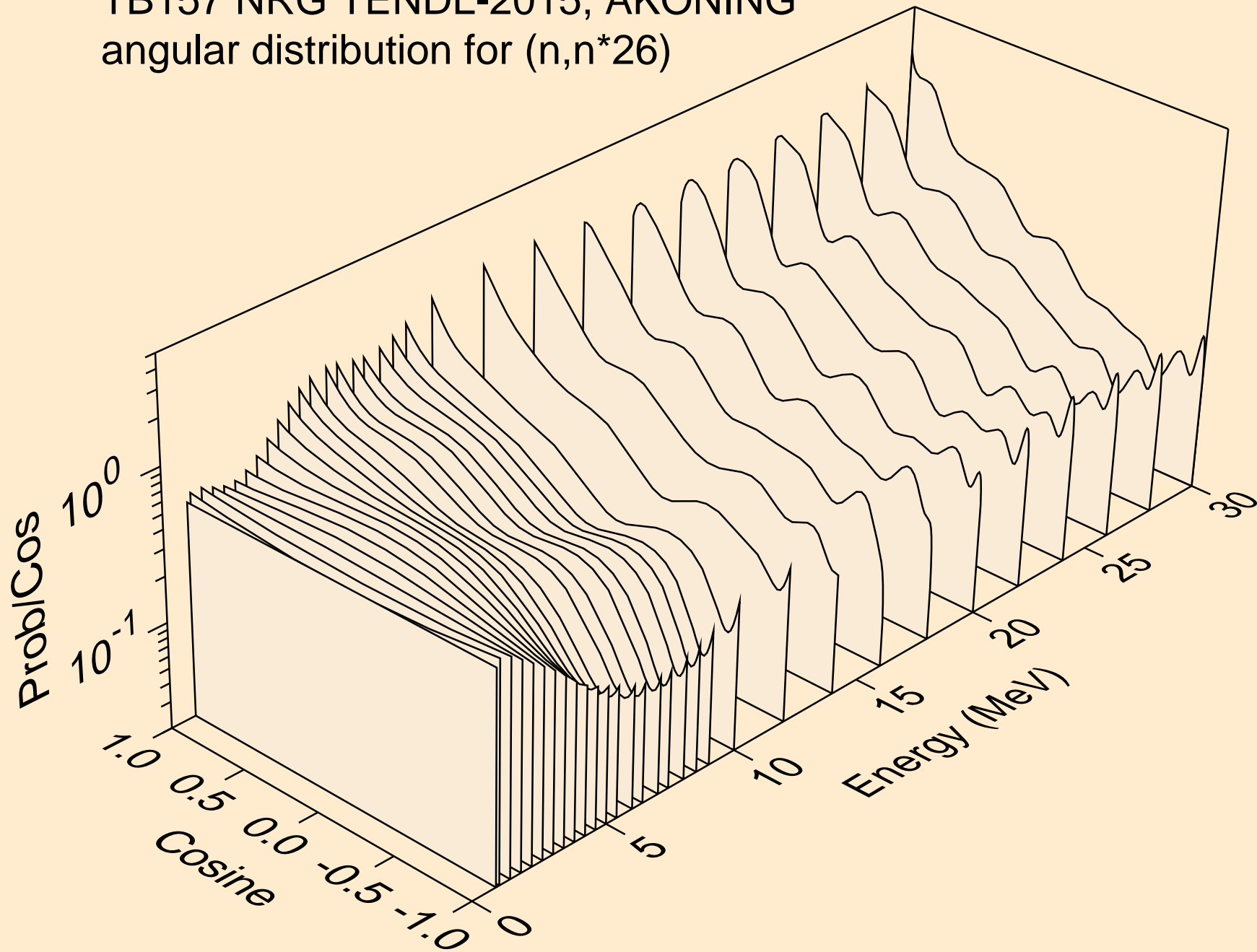




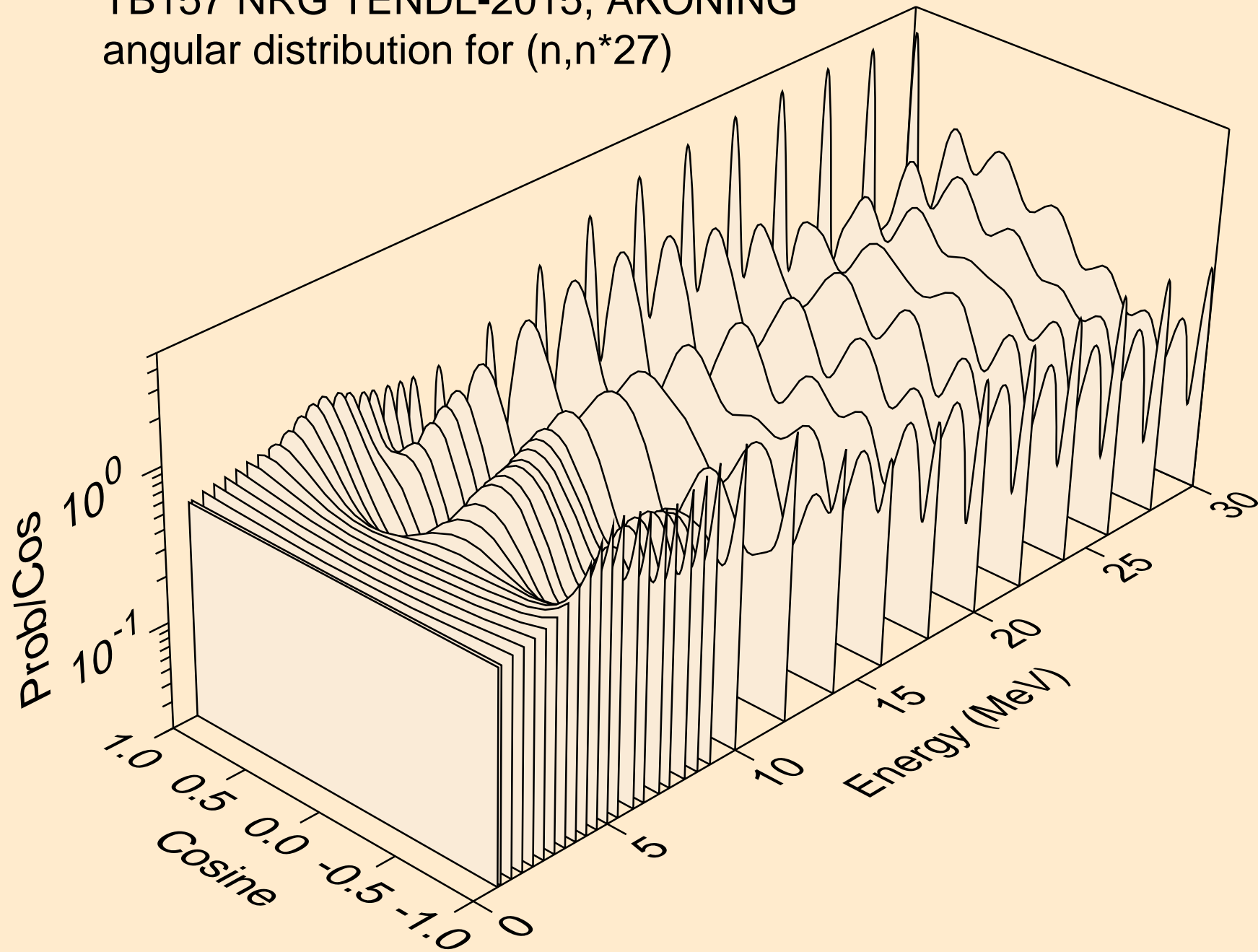
TB157 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



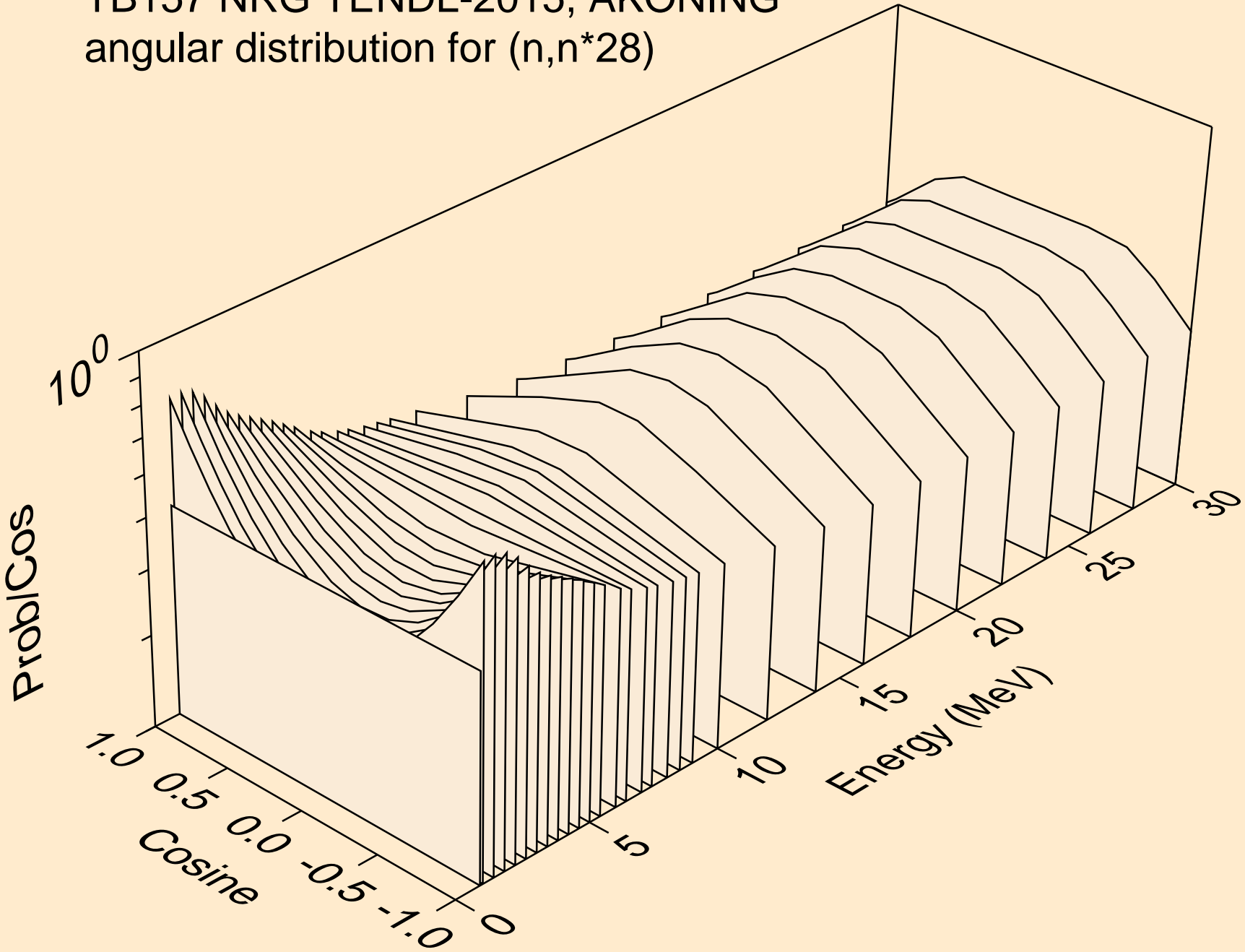
TB157 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



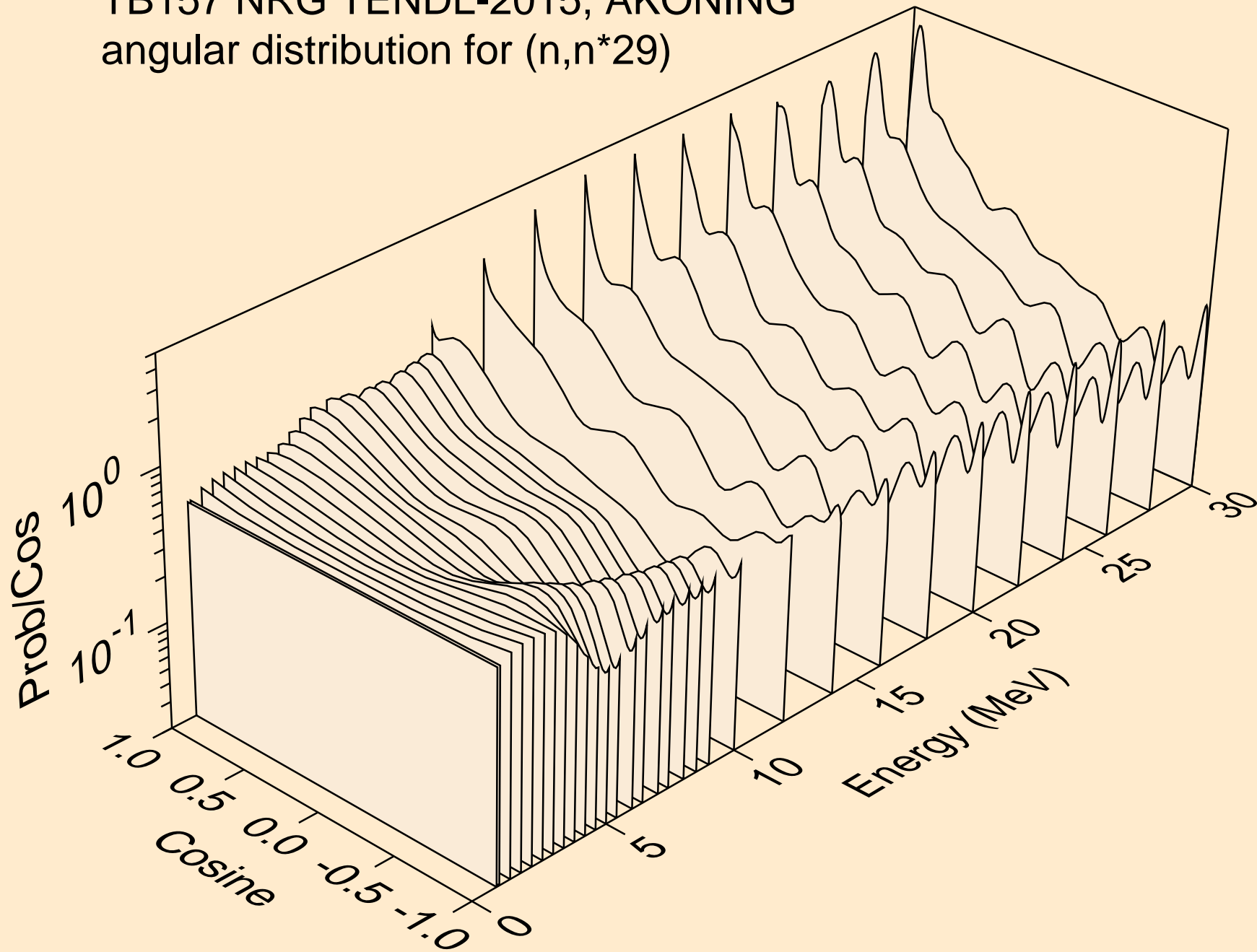
TB157 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



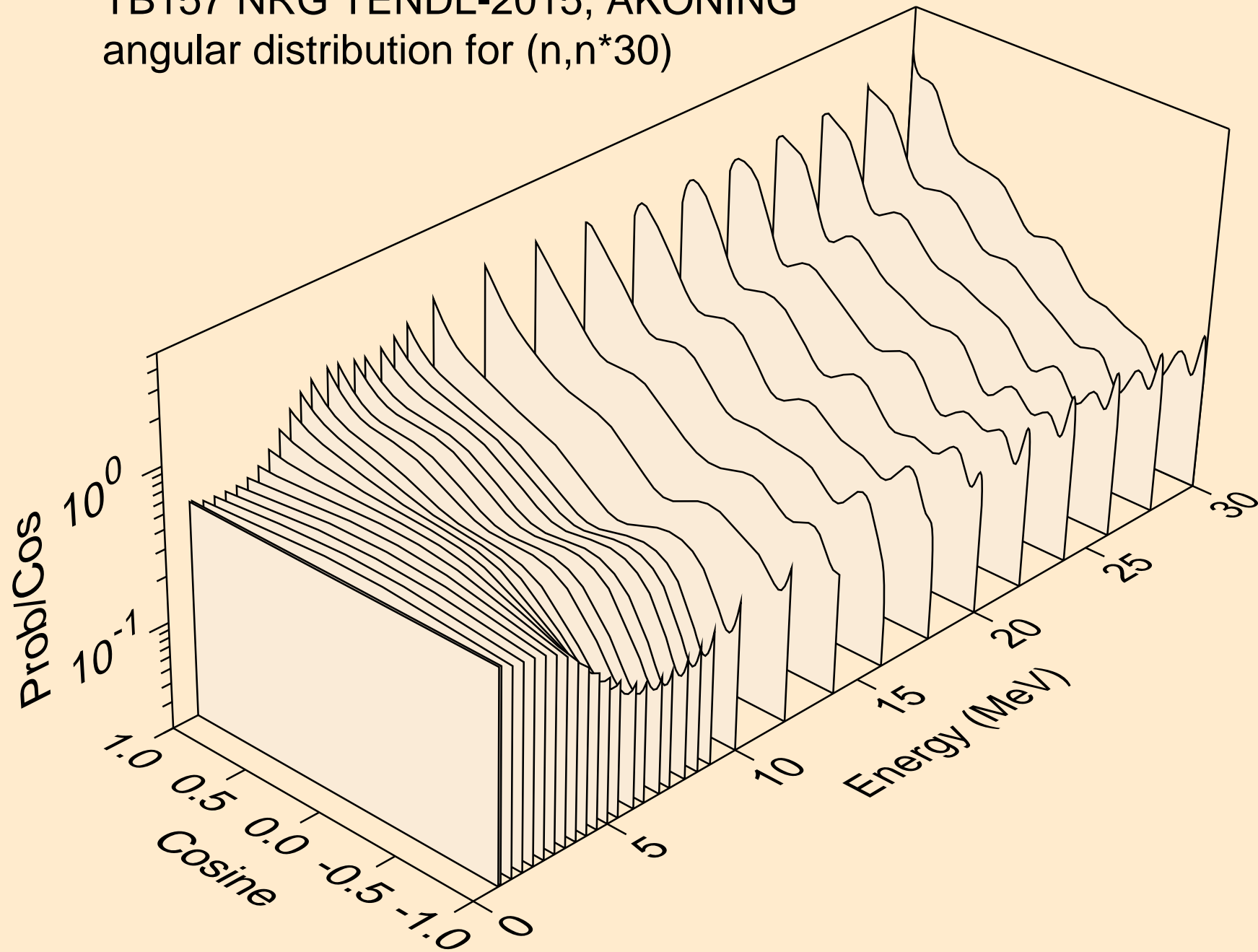
TB157 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



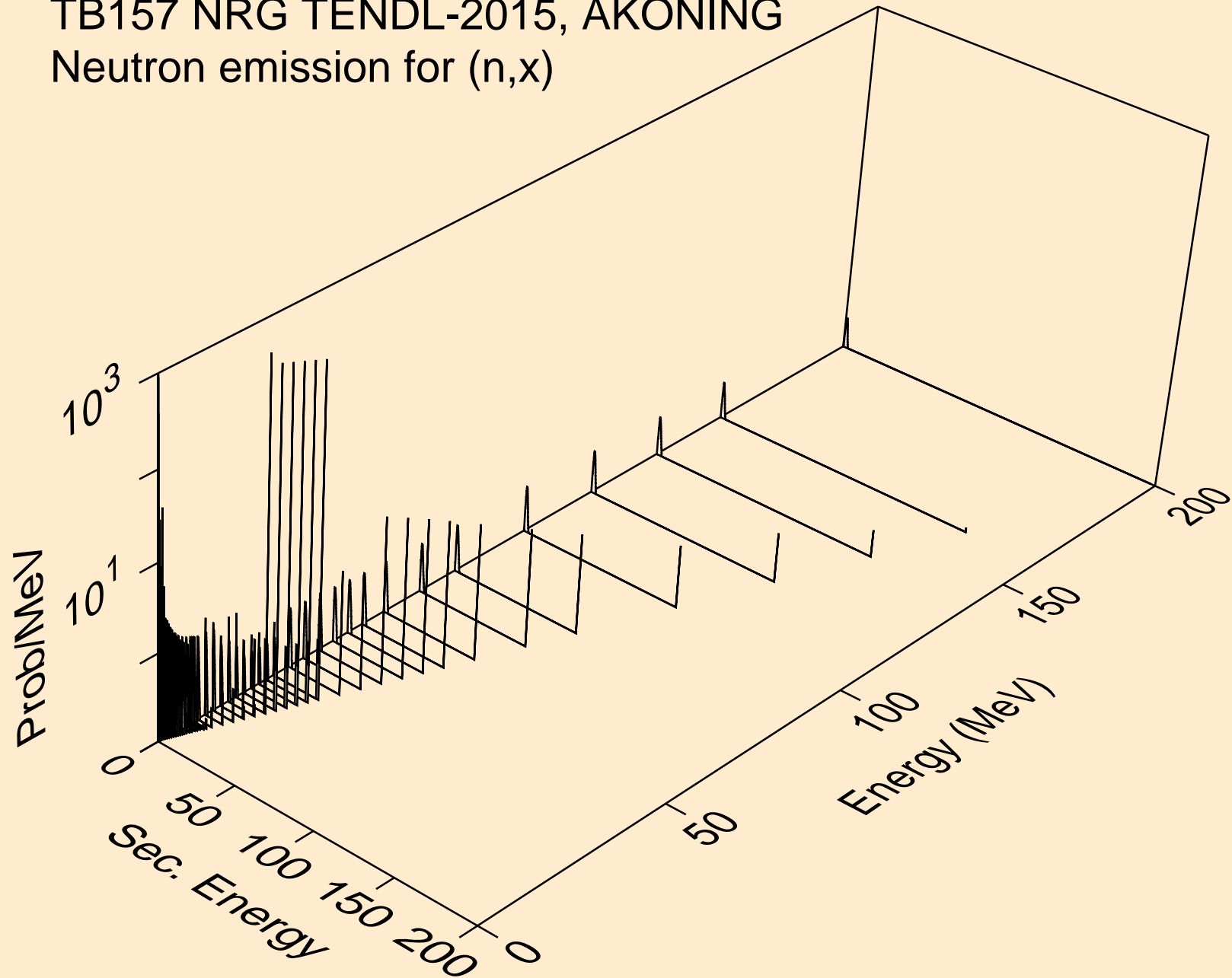
TB157 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)



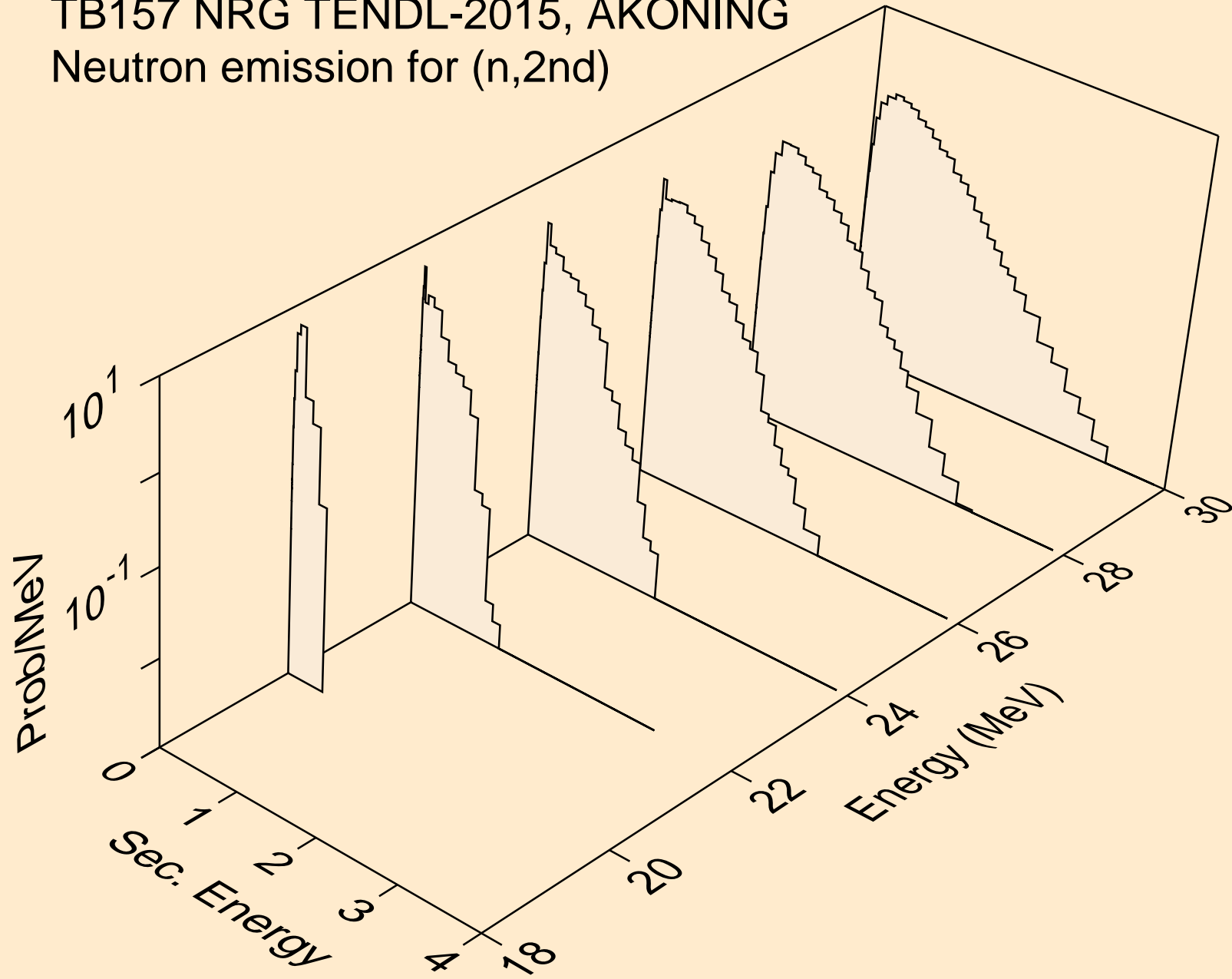
TB157 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)



TB157 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

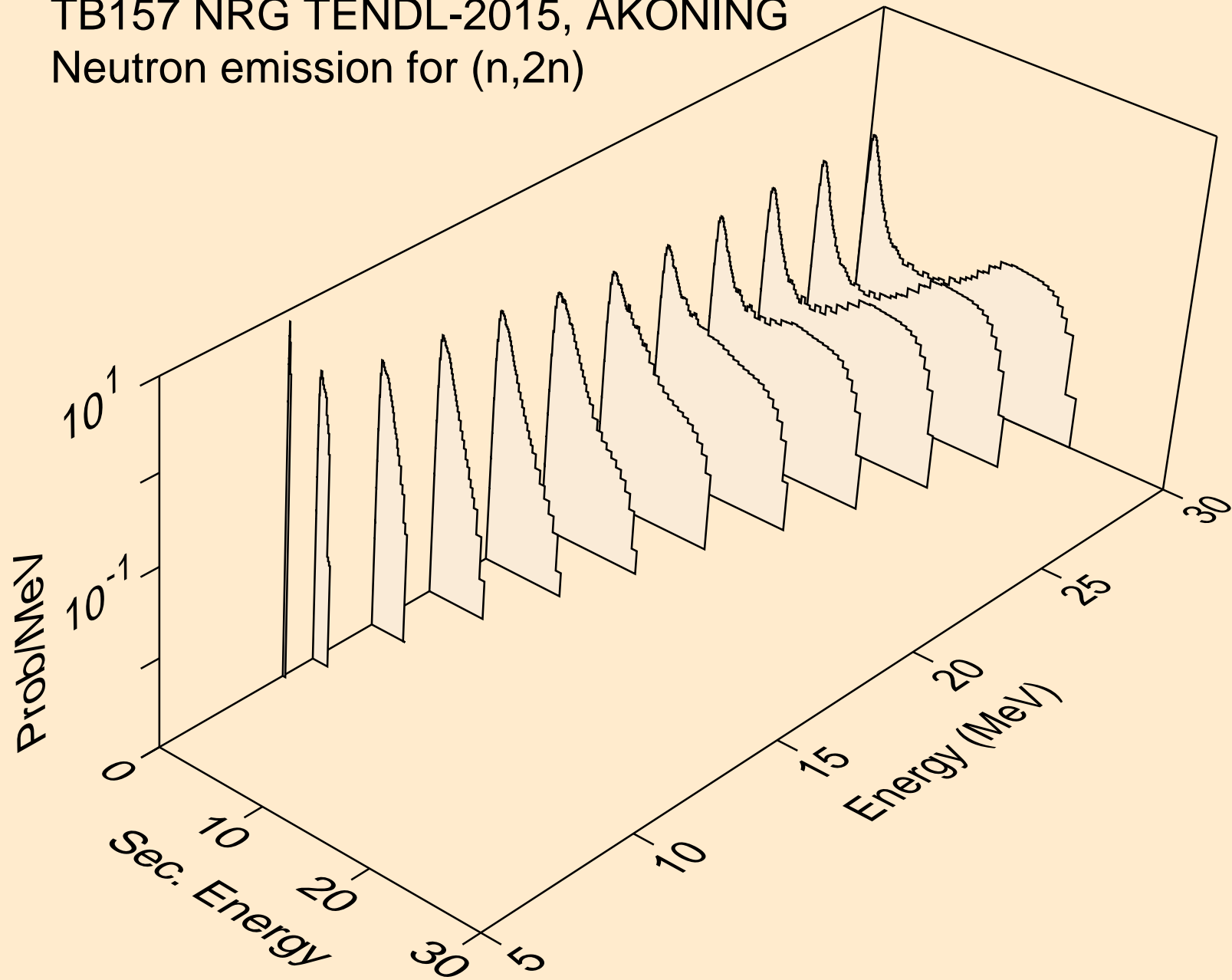


TB157 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)

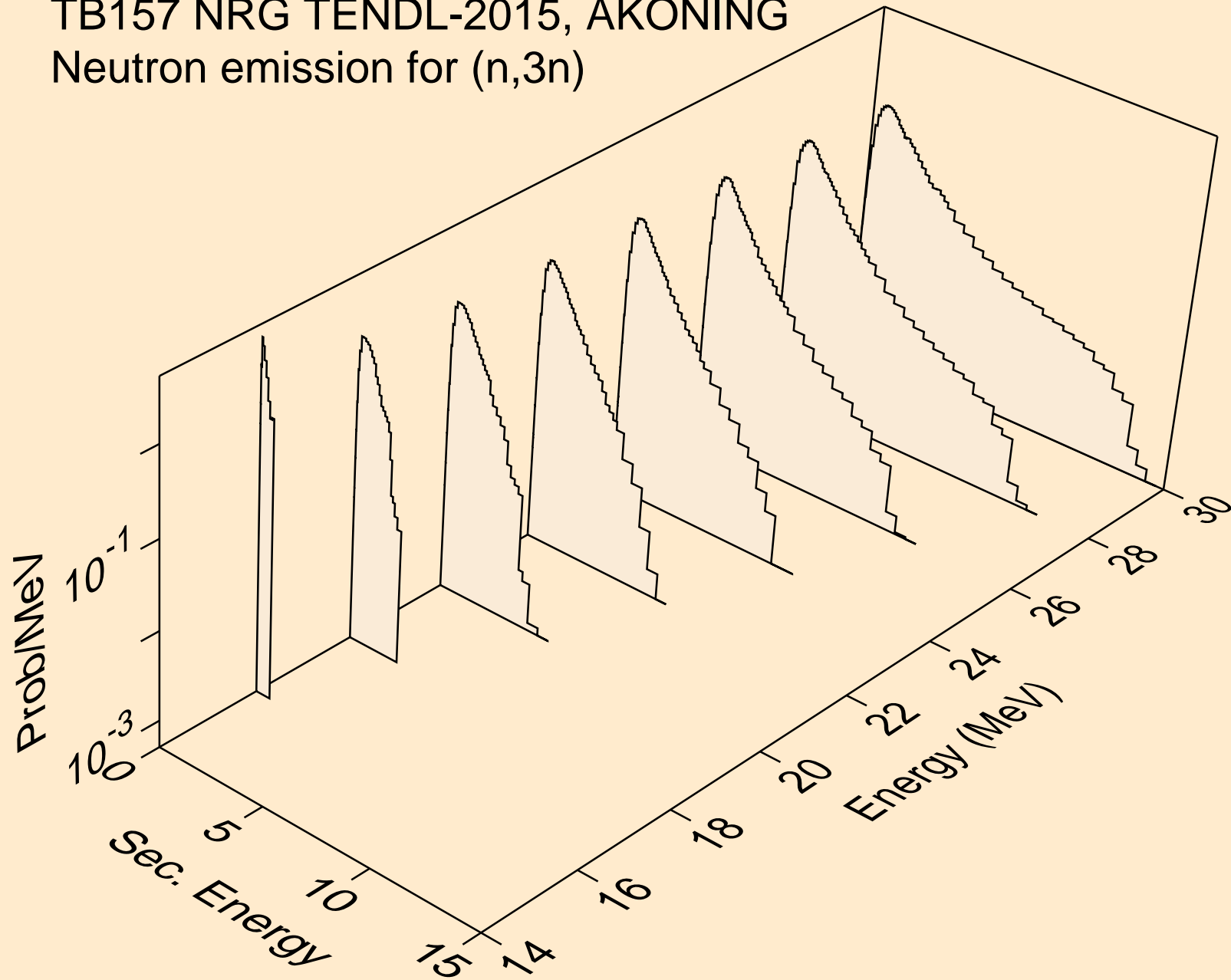




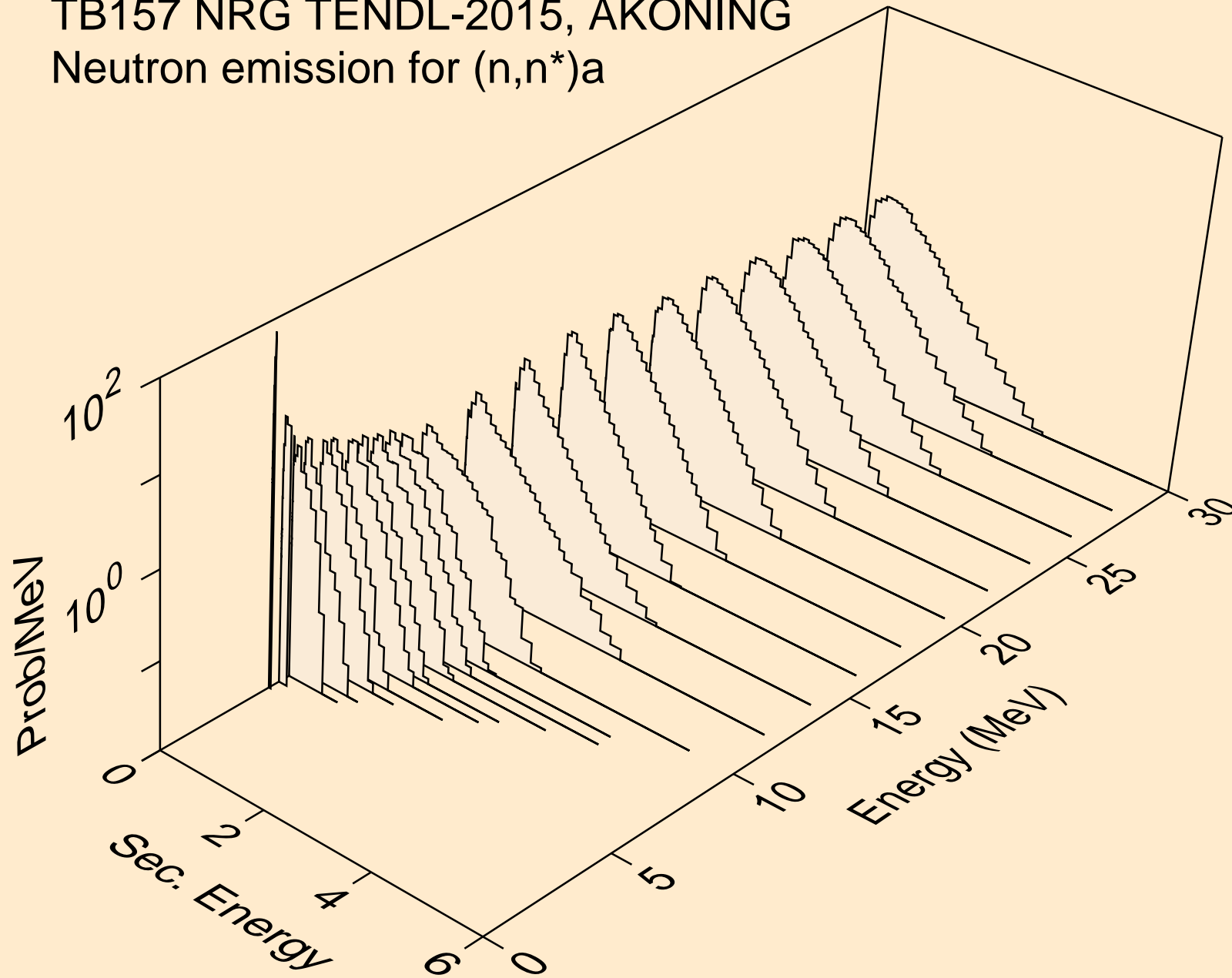
TB157 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



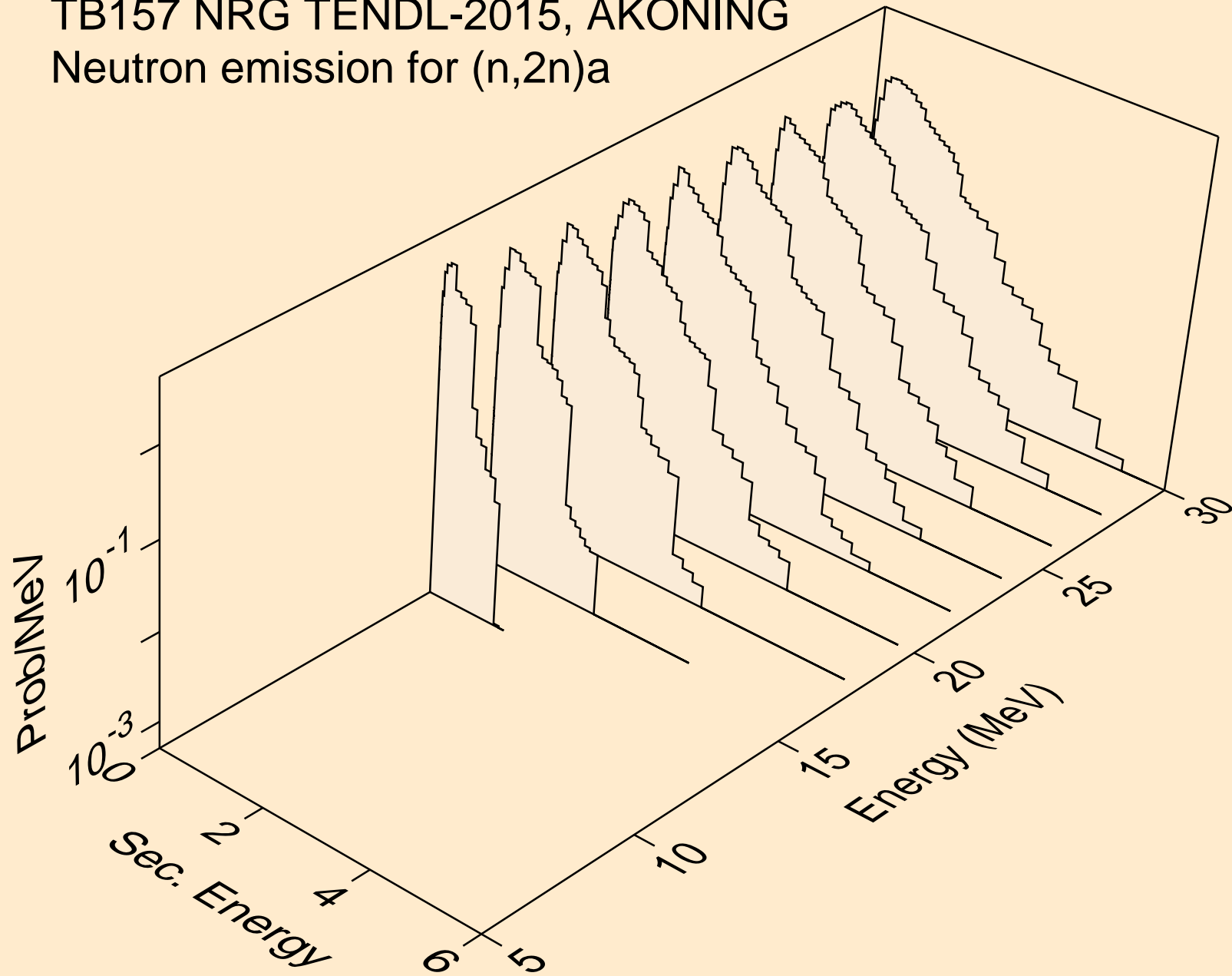
TB157 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



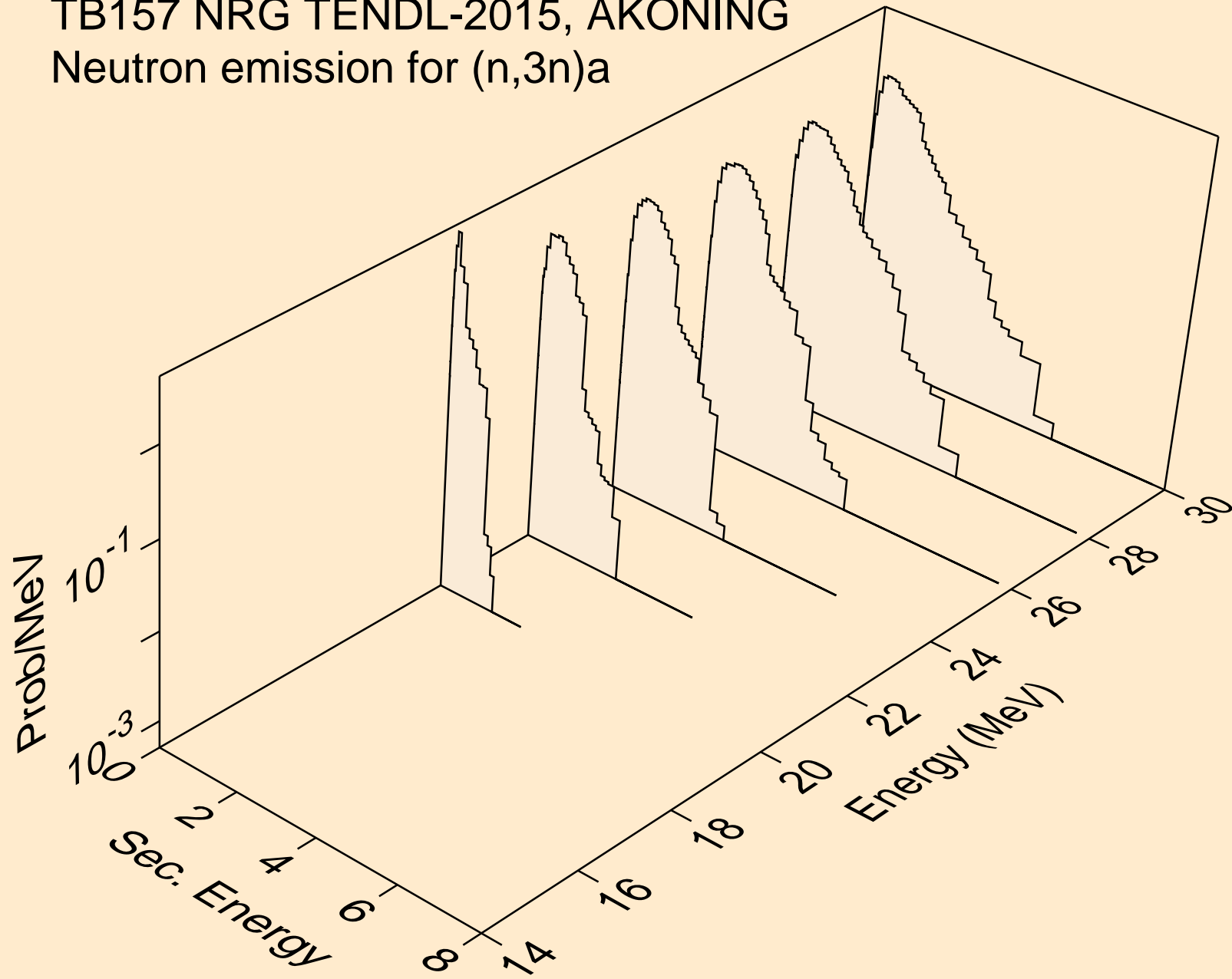
TB157 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



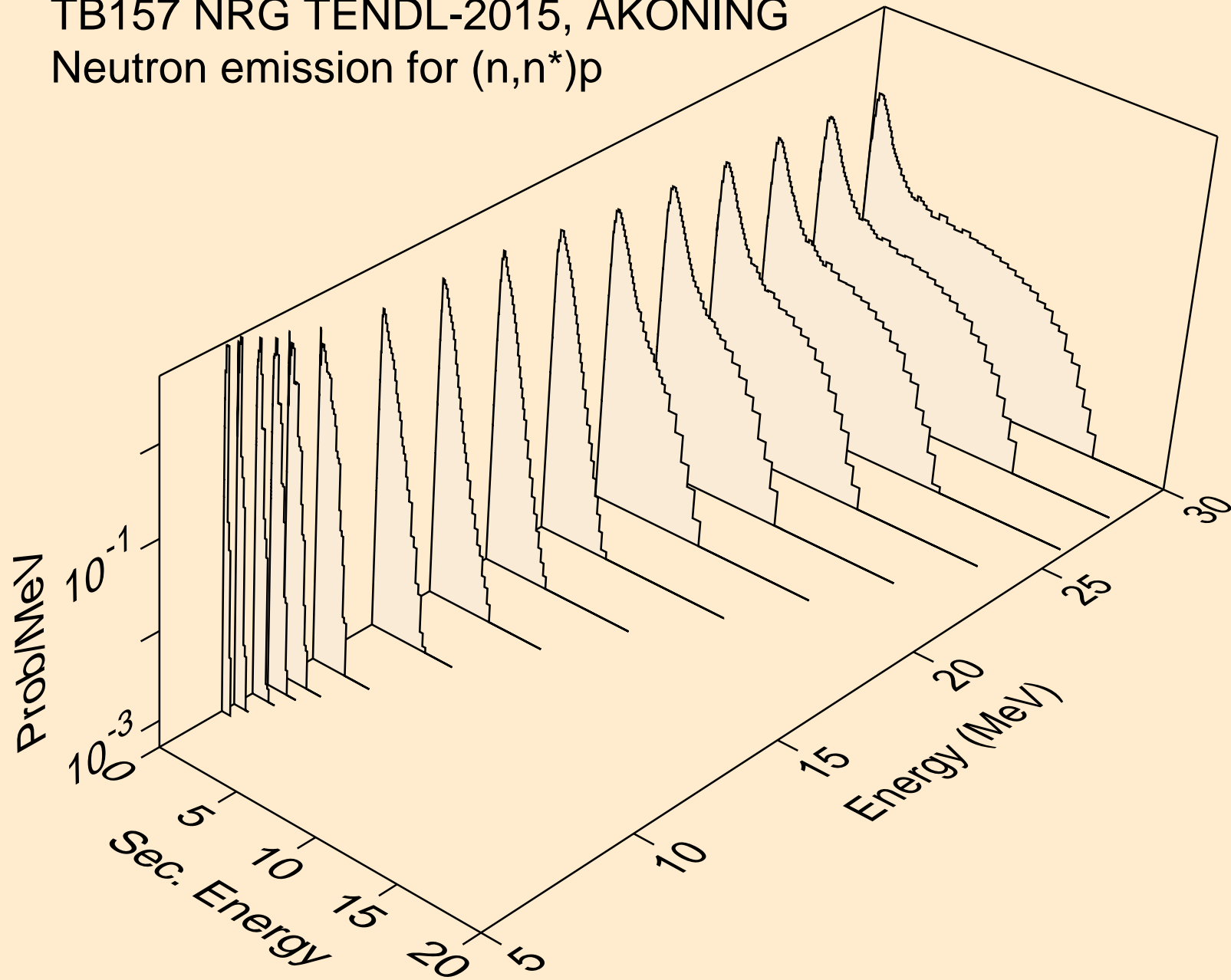
TB157 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



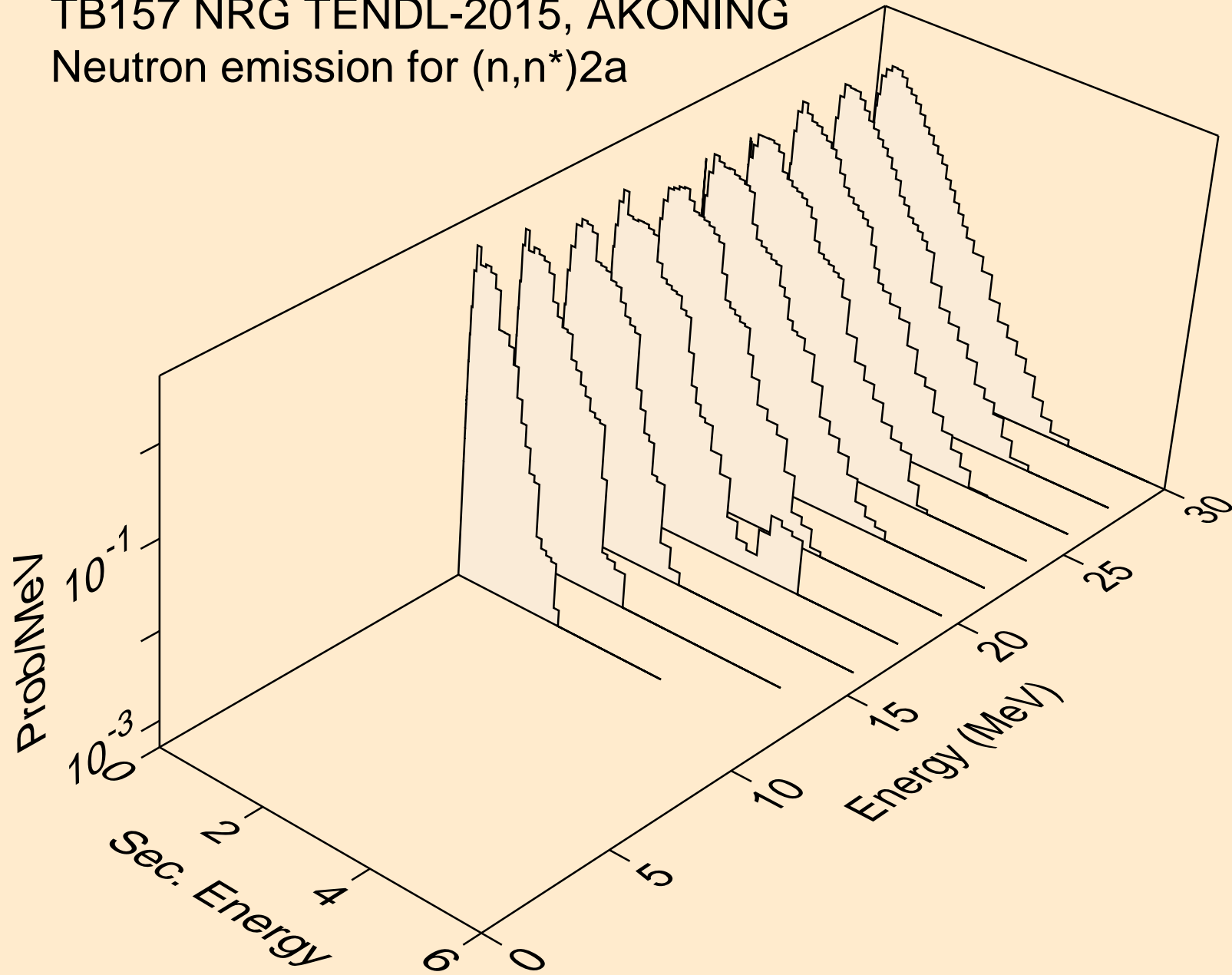
TB157 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)<sub>a</sub>



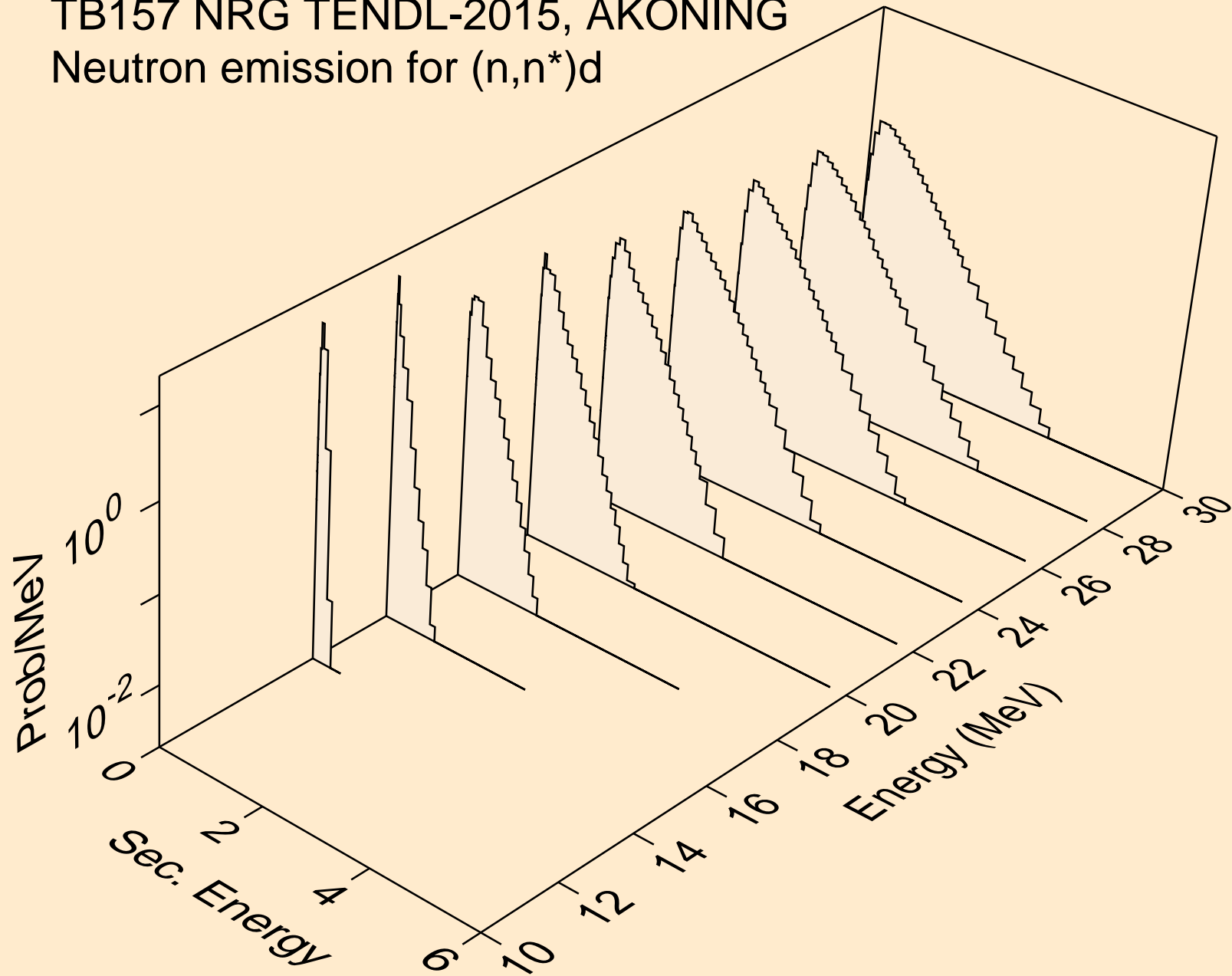
TB157 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



TB157 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a

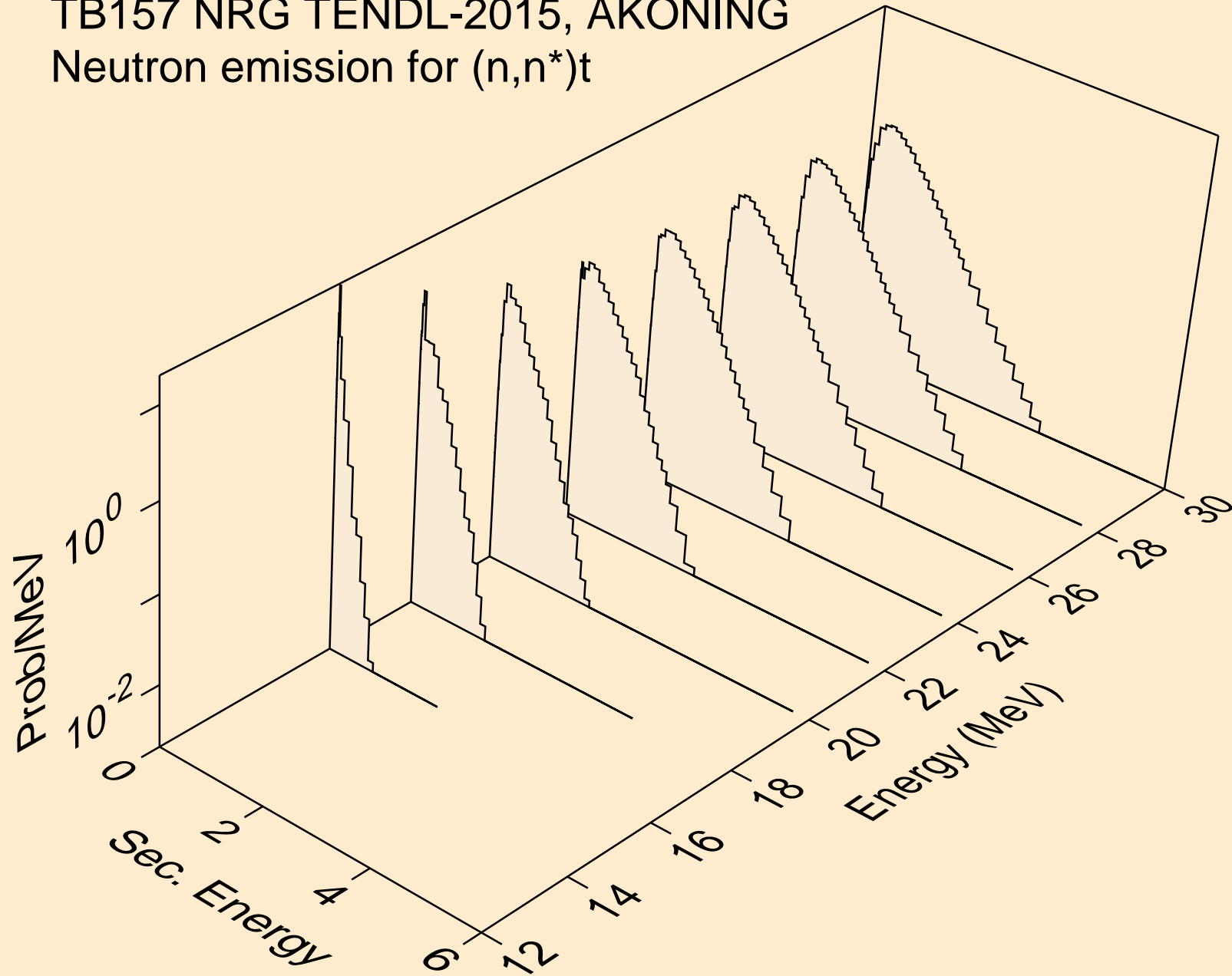


TB157 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d

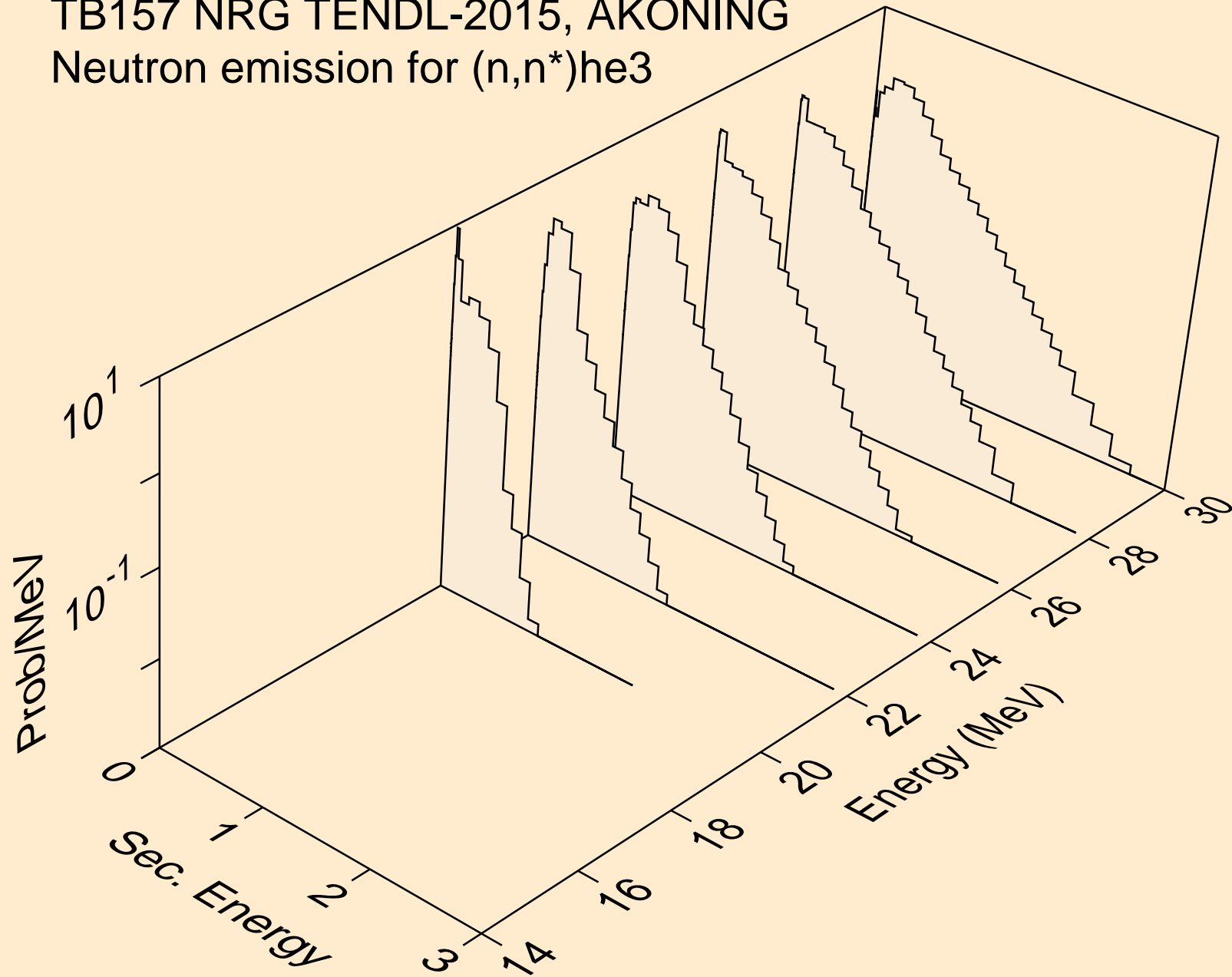




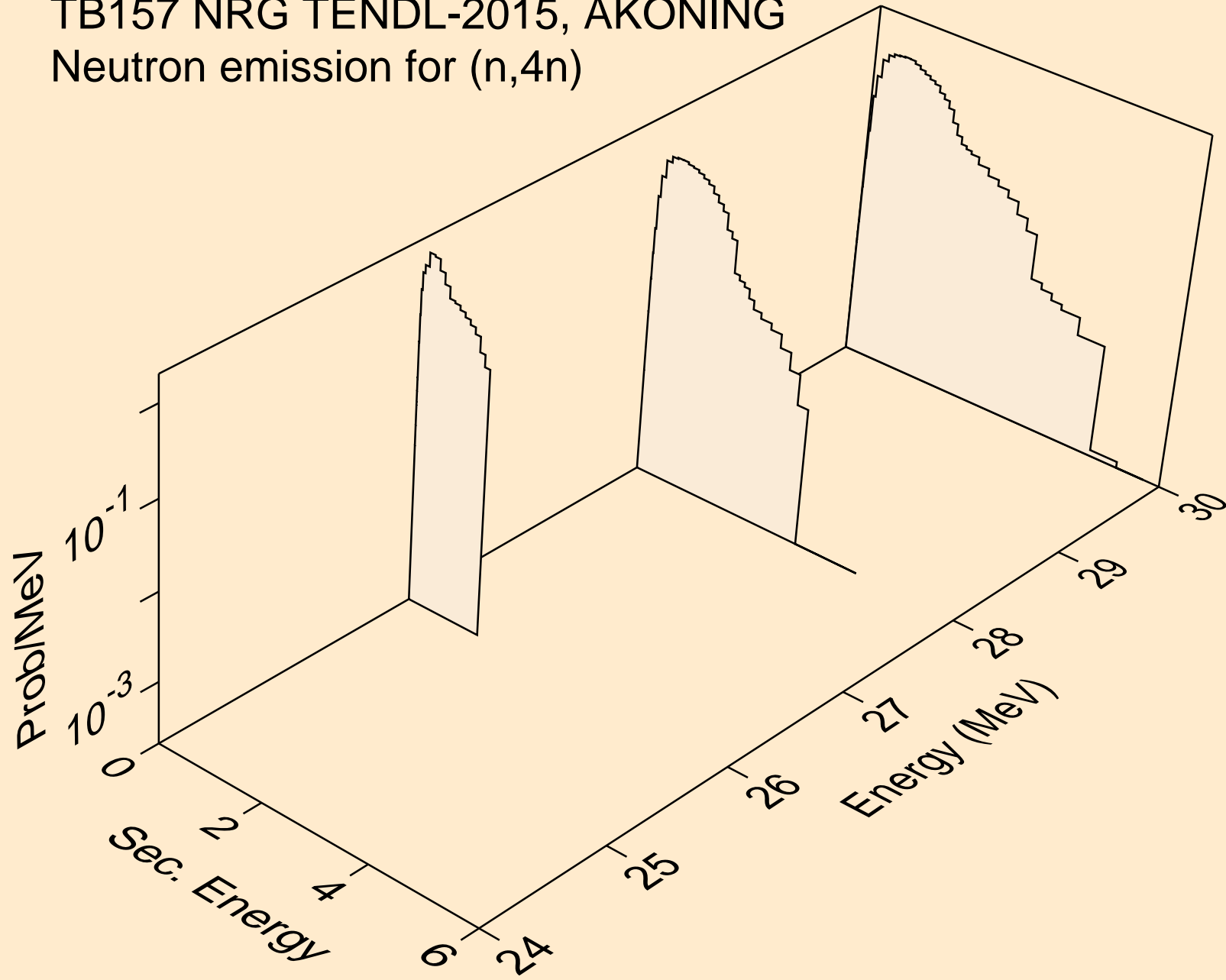
TB157 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



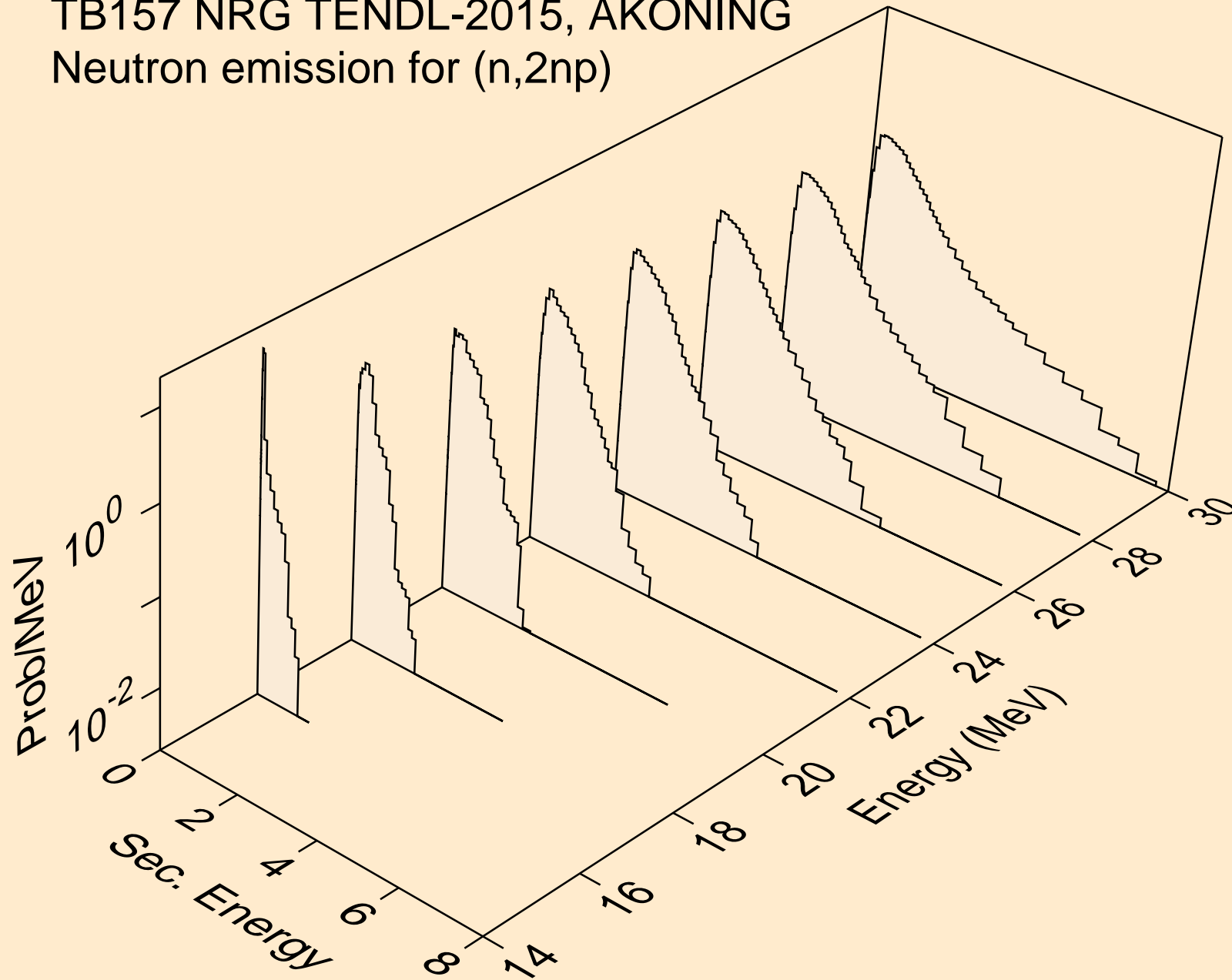
TB157 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



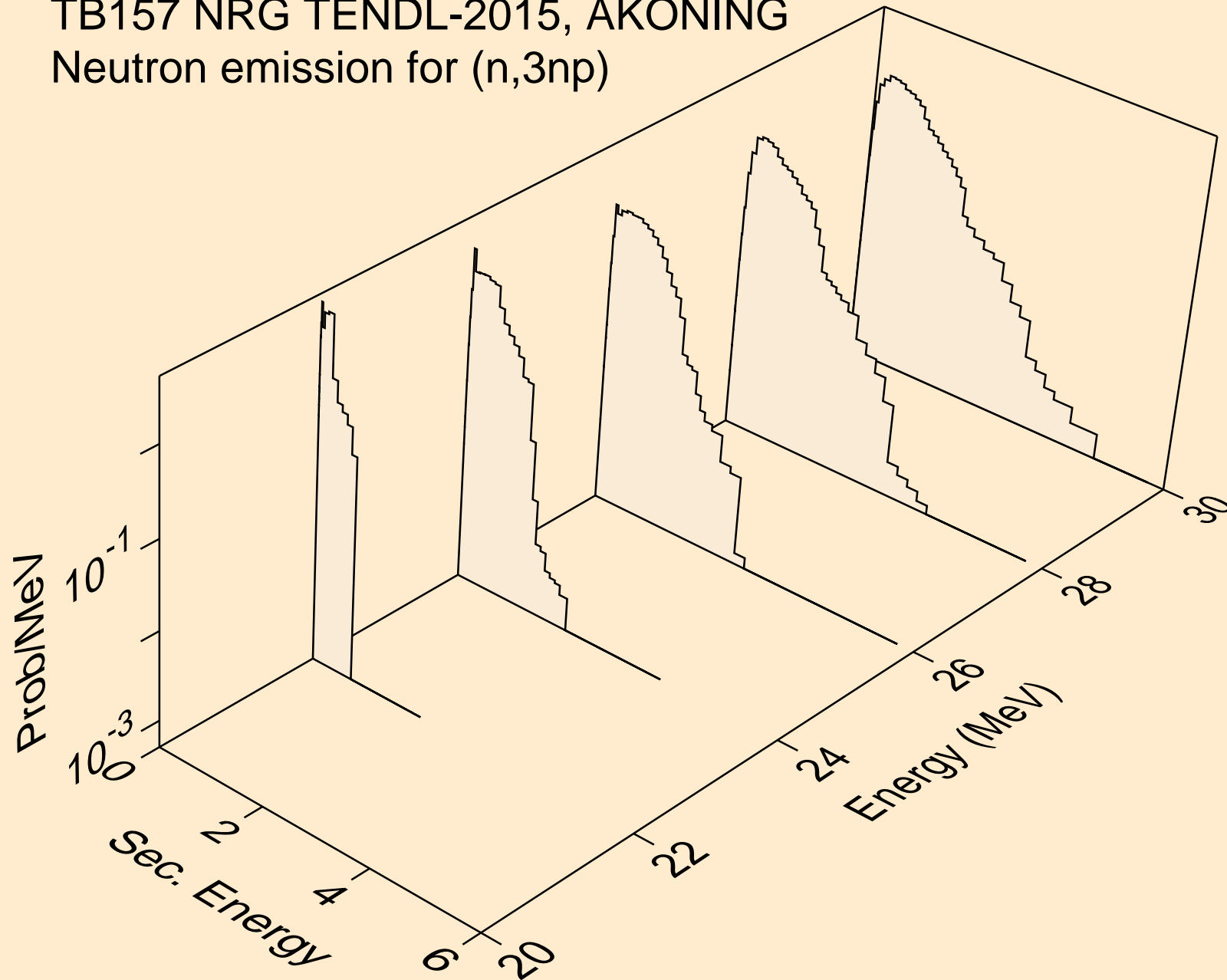
TB157 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



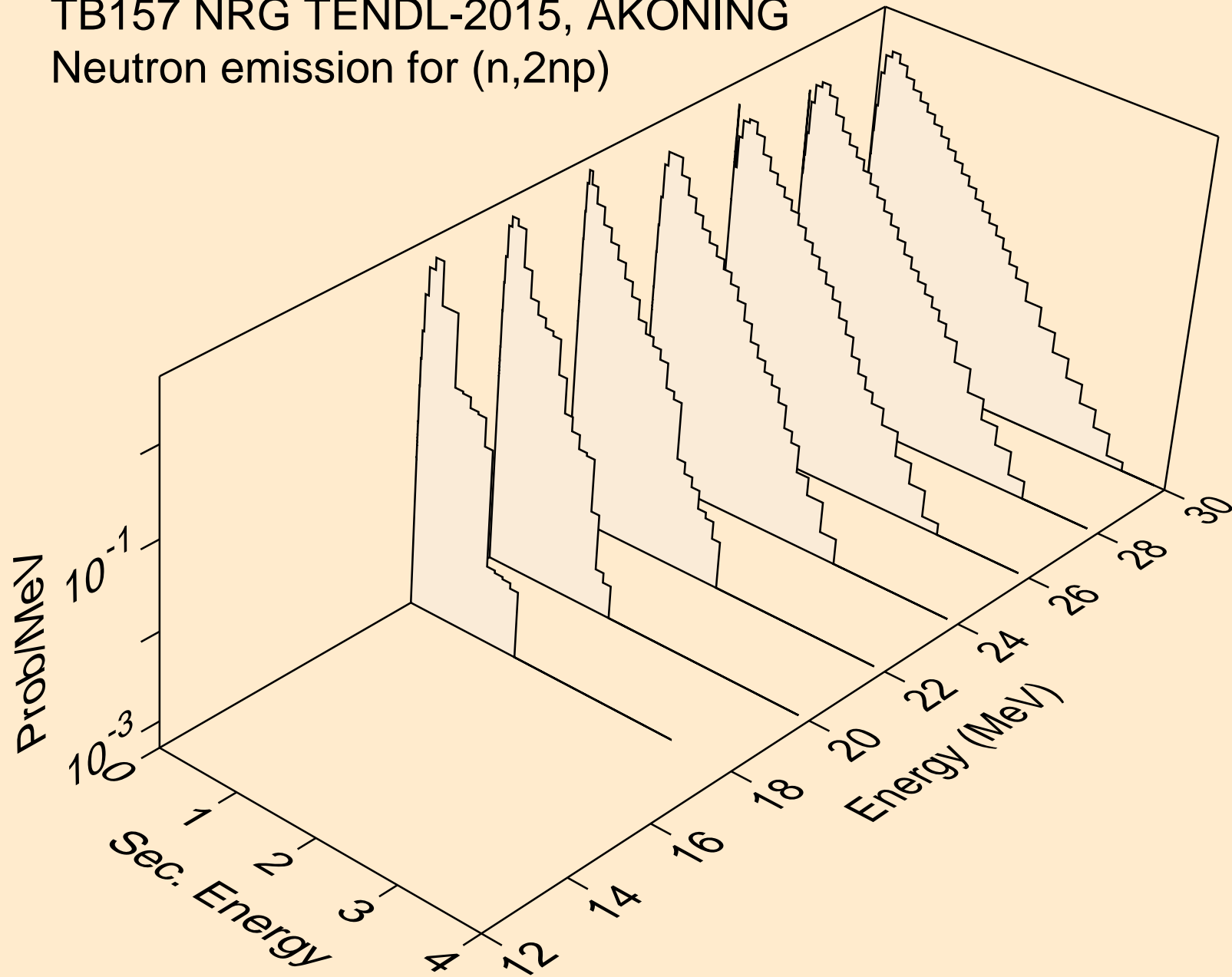
TB157 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



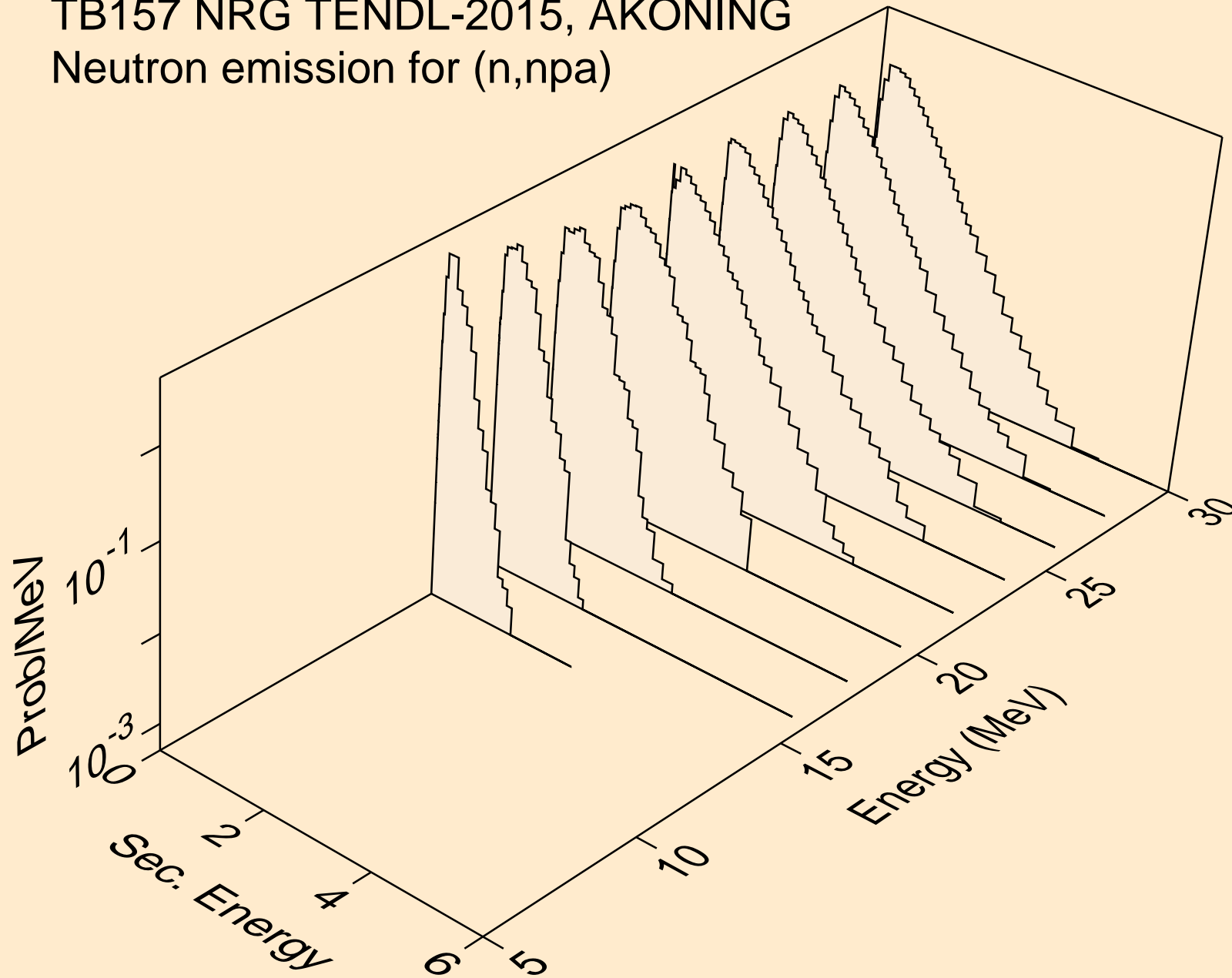
TB157 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



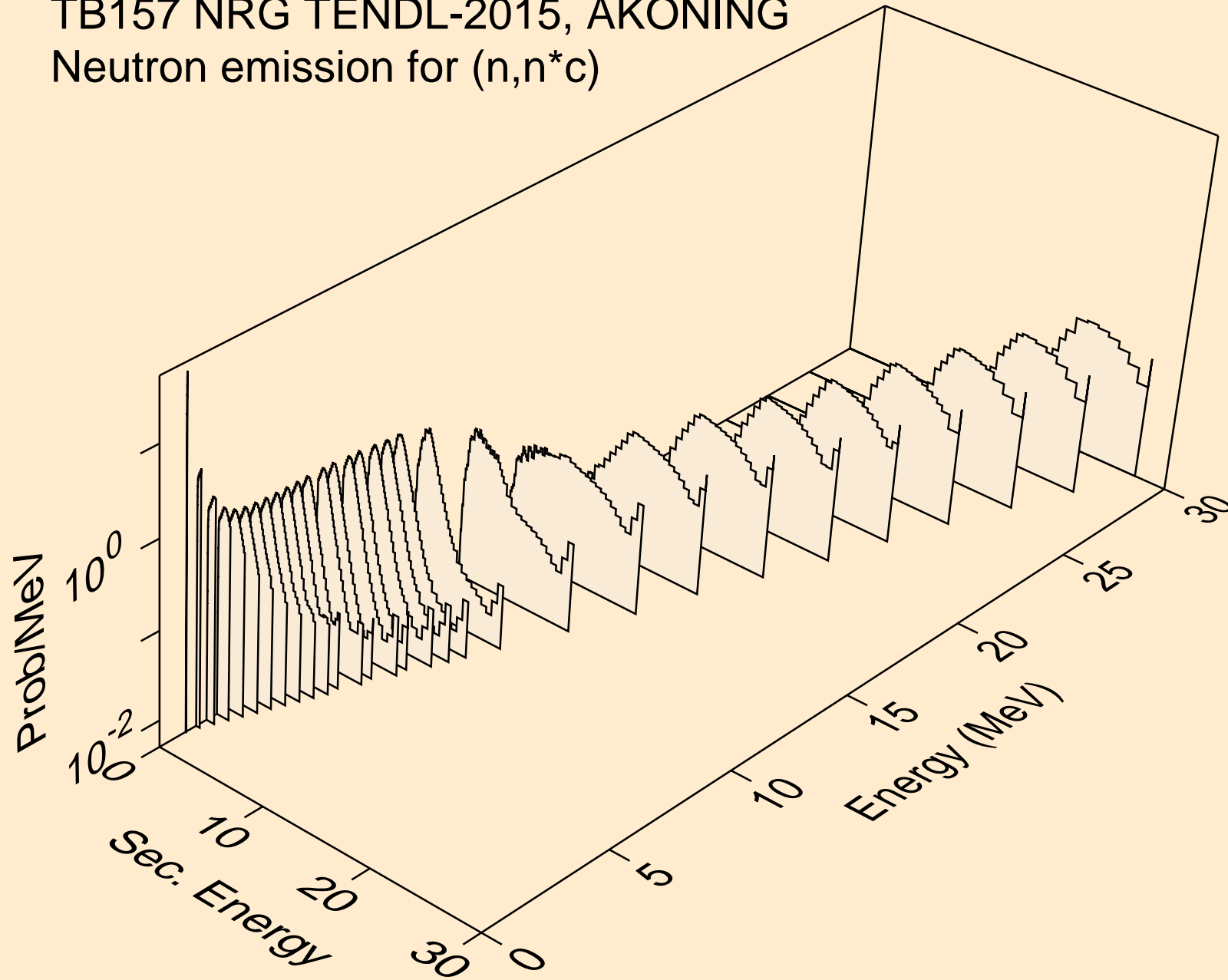
TB157 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



TB157 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

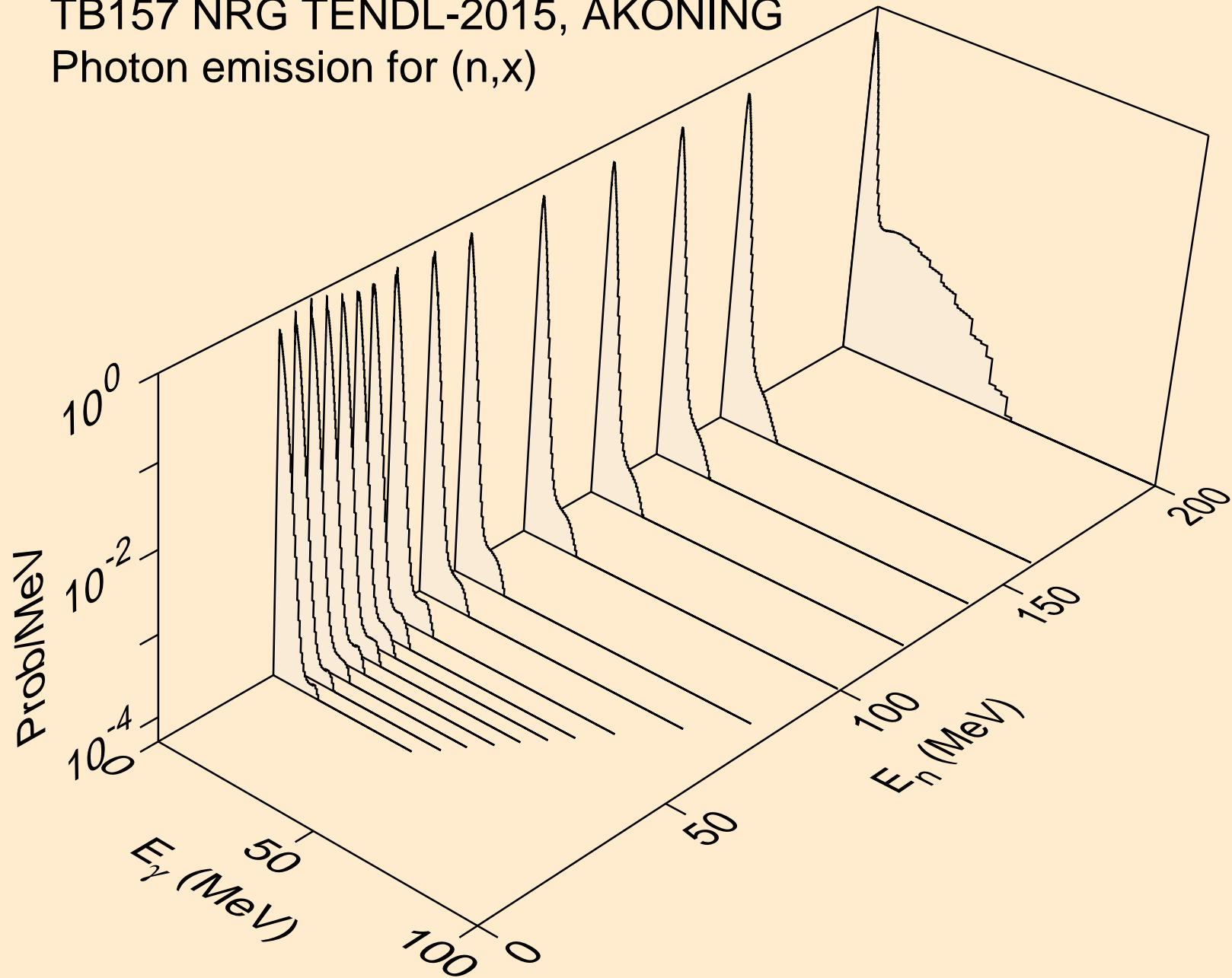


TB157 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)

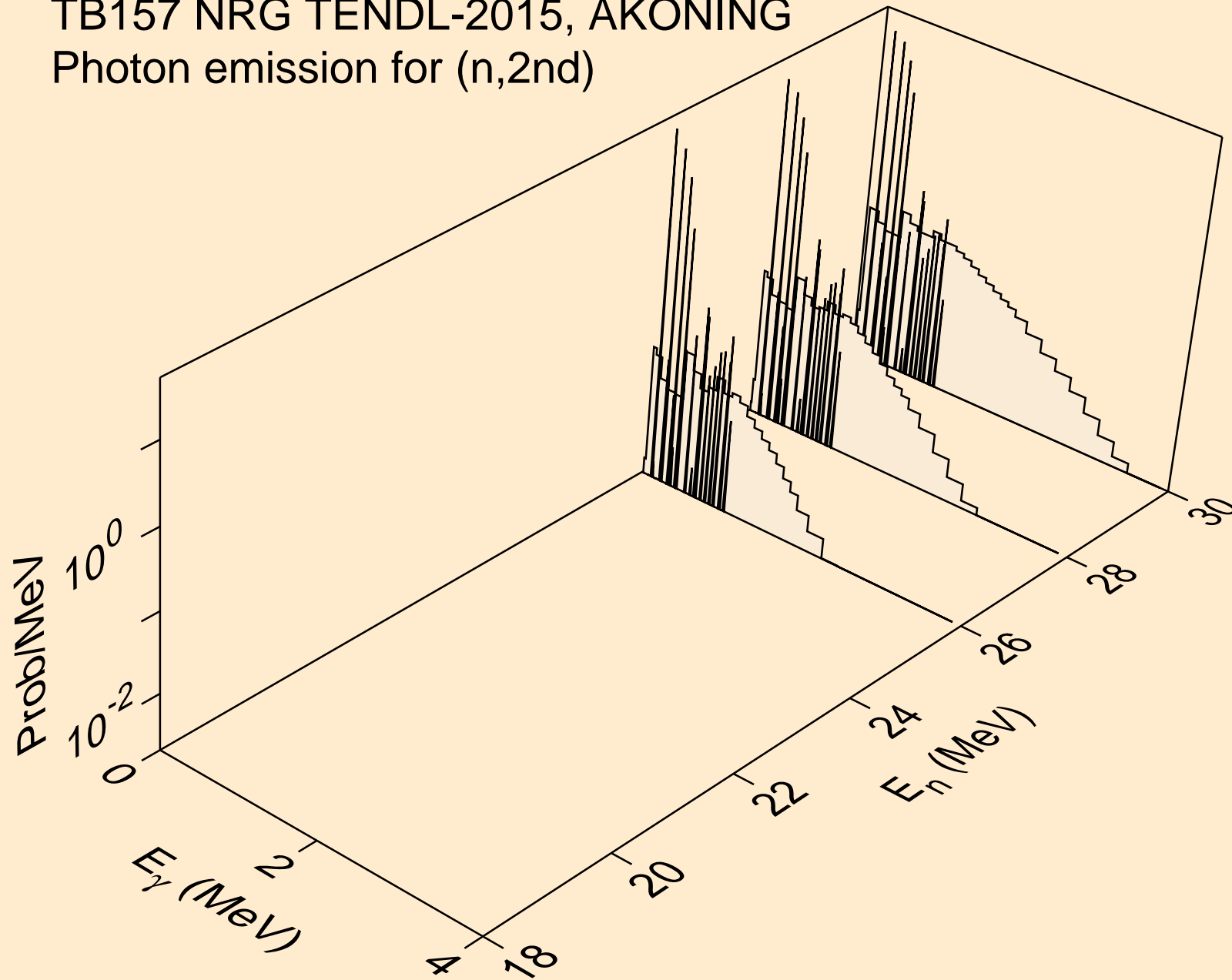




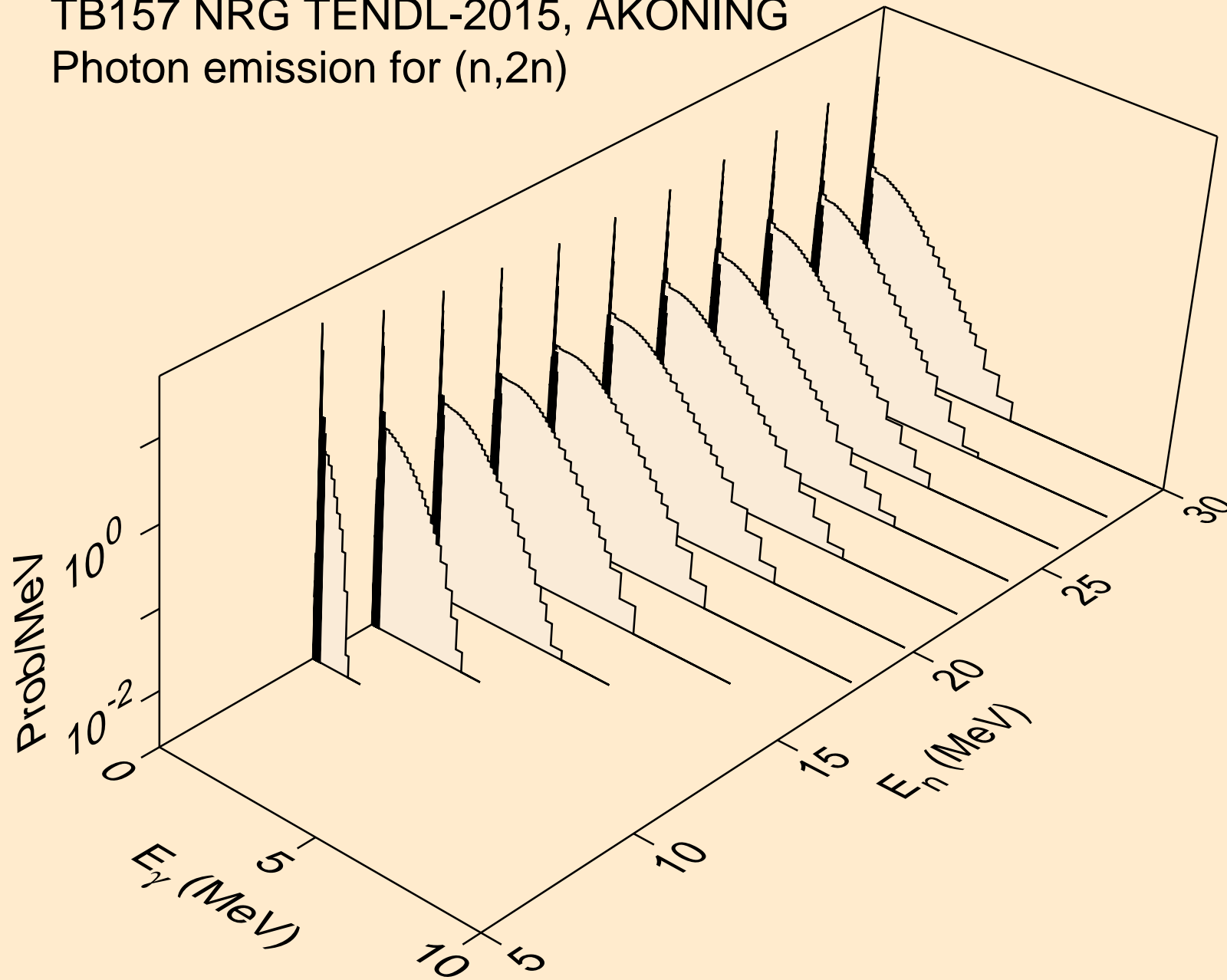
TB157 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



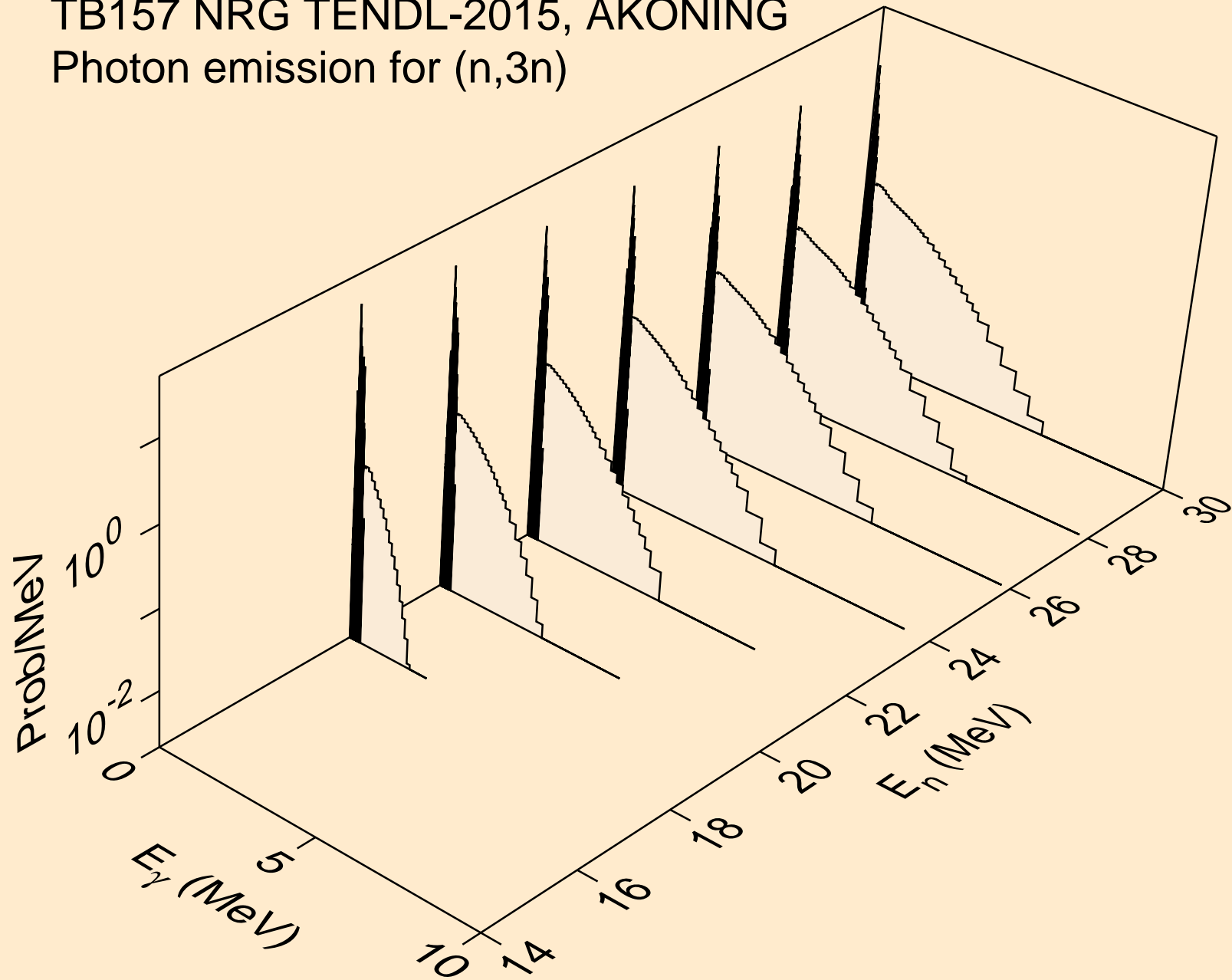
TB157 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



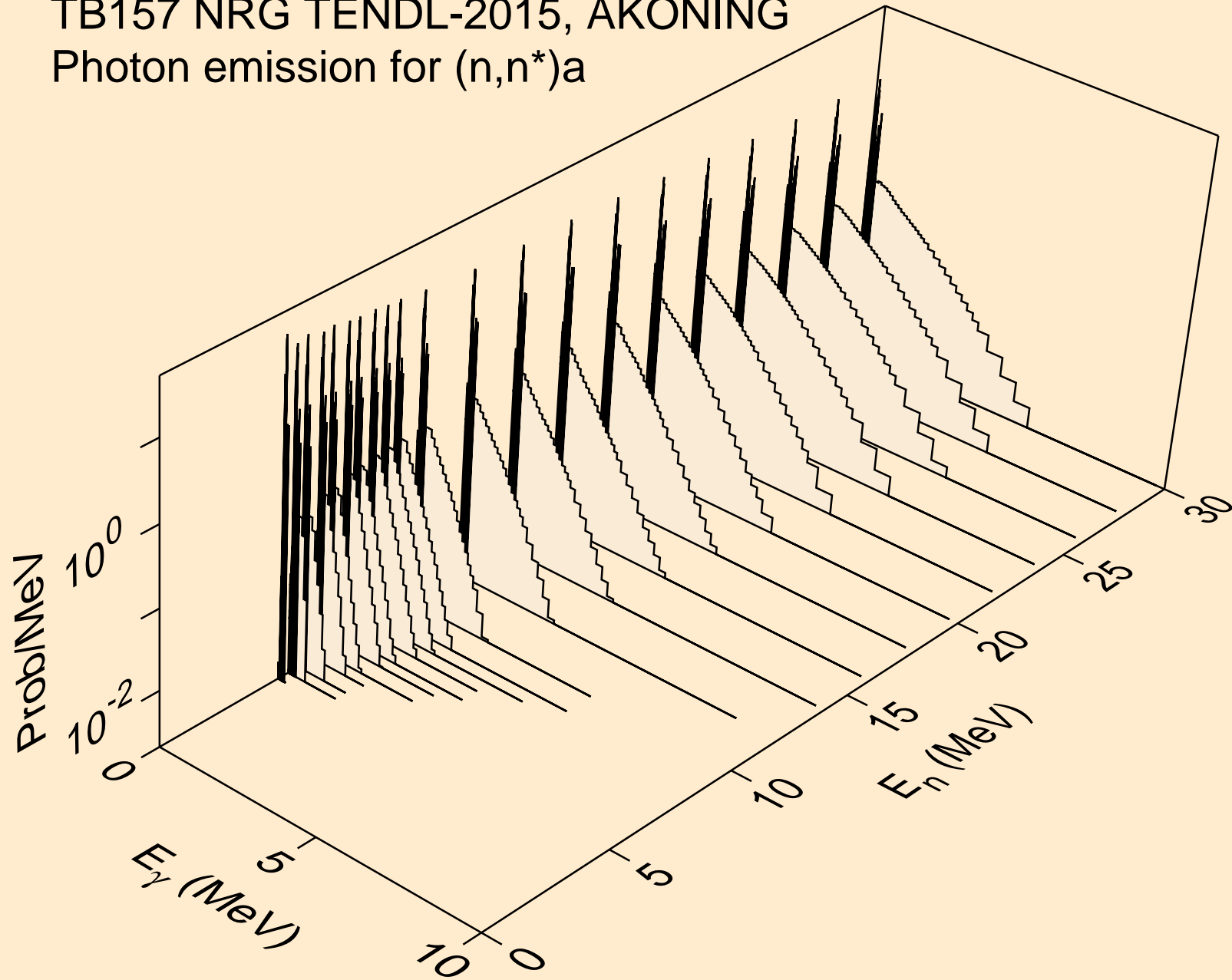
TB157 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



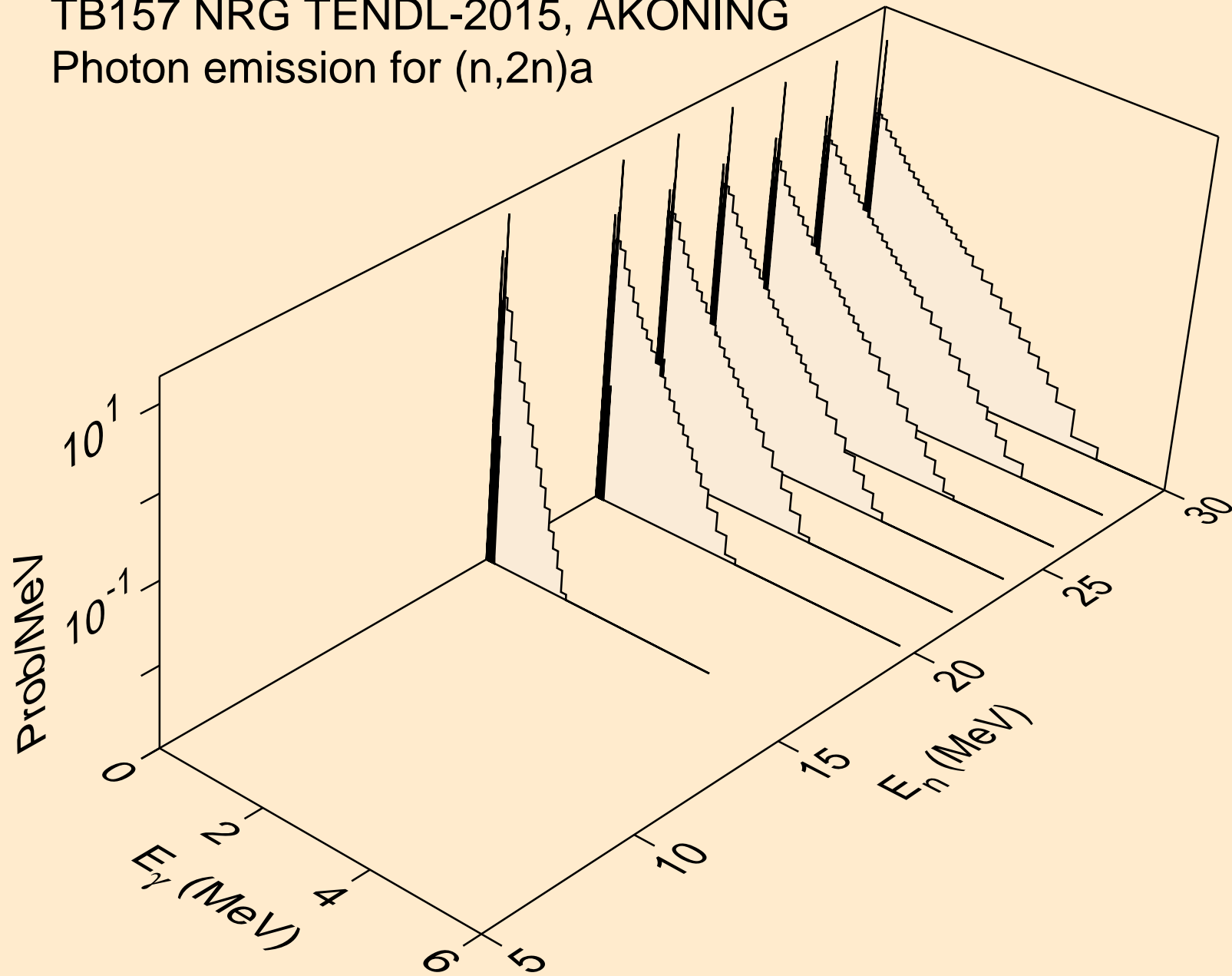
TB157 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



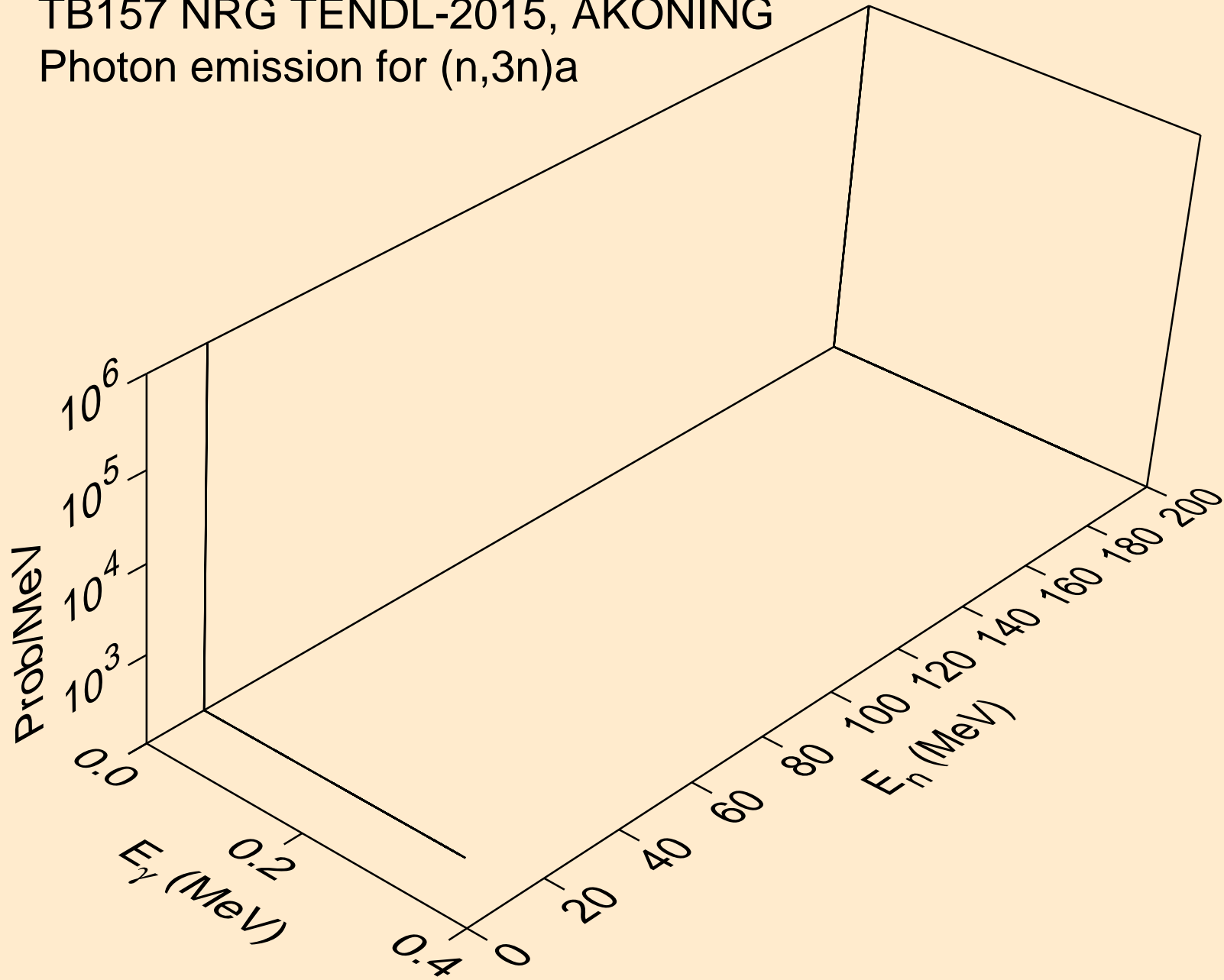
TB157 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



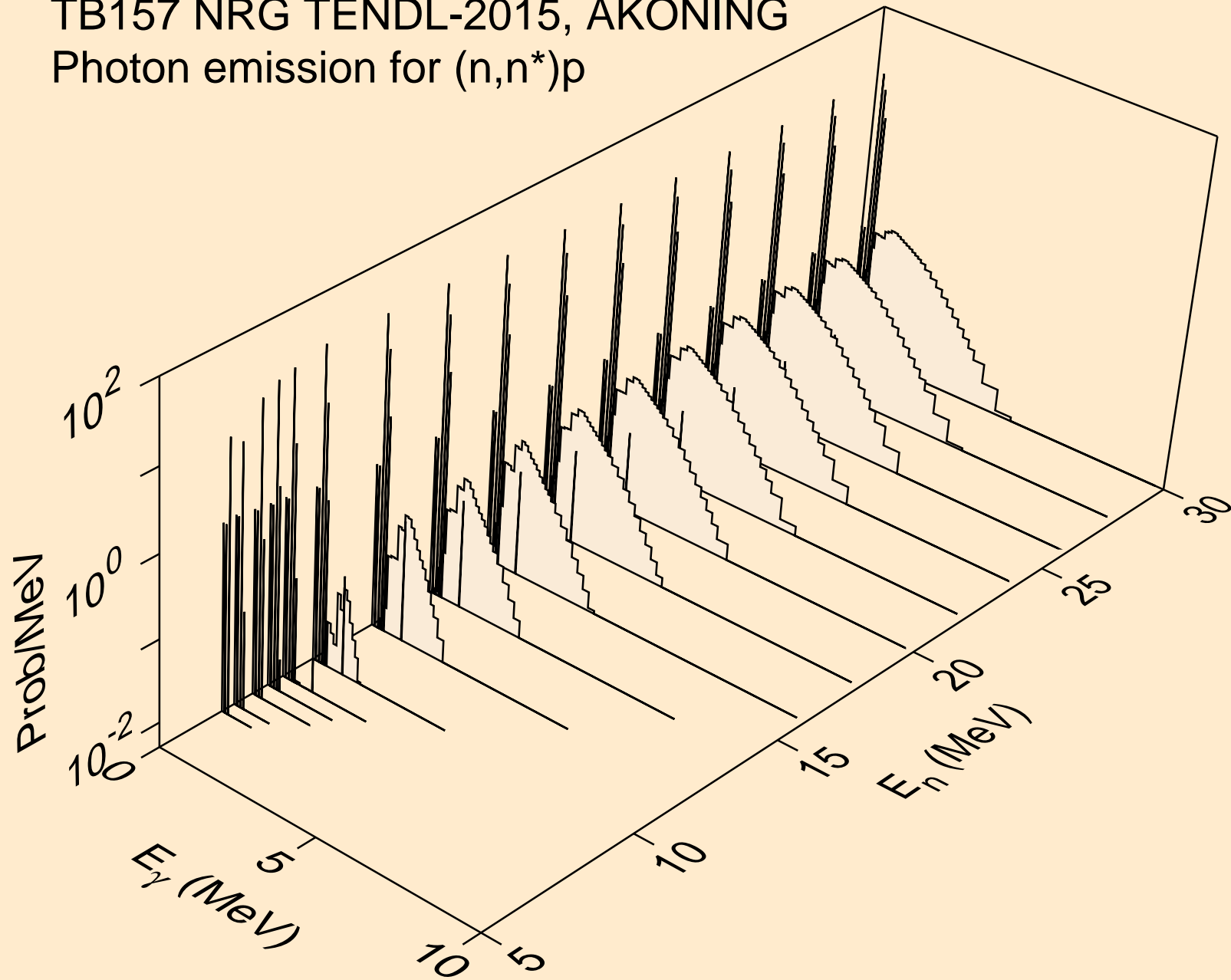
TB157 NRG TENDL-2015, AKONING  
Photon emission for (n,2n) $\alpha$



TB157 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a

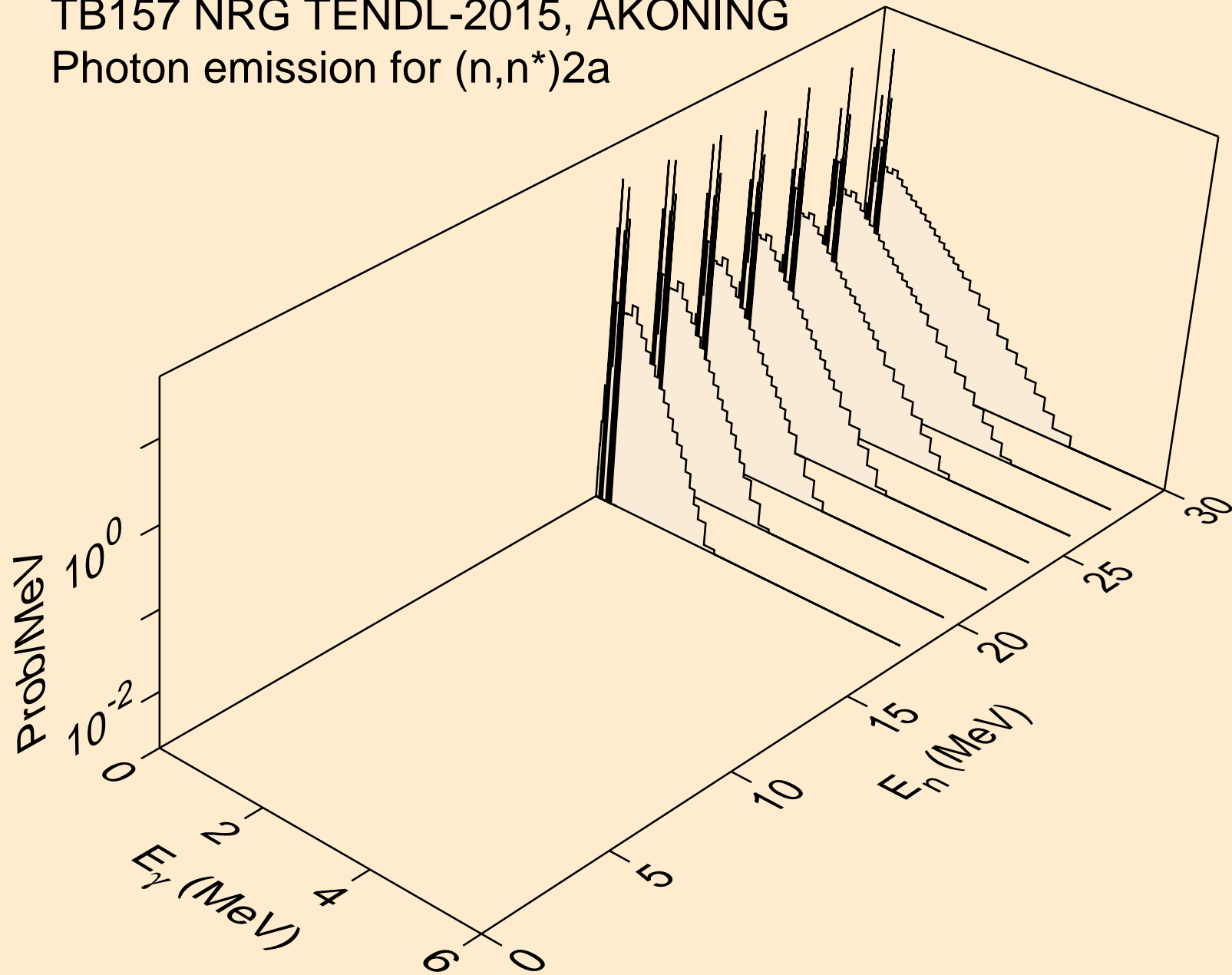


TB157 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p

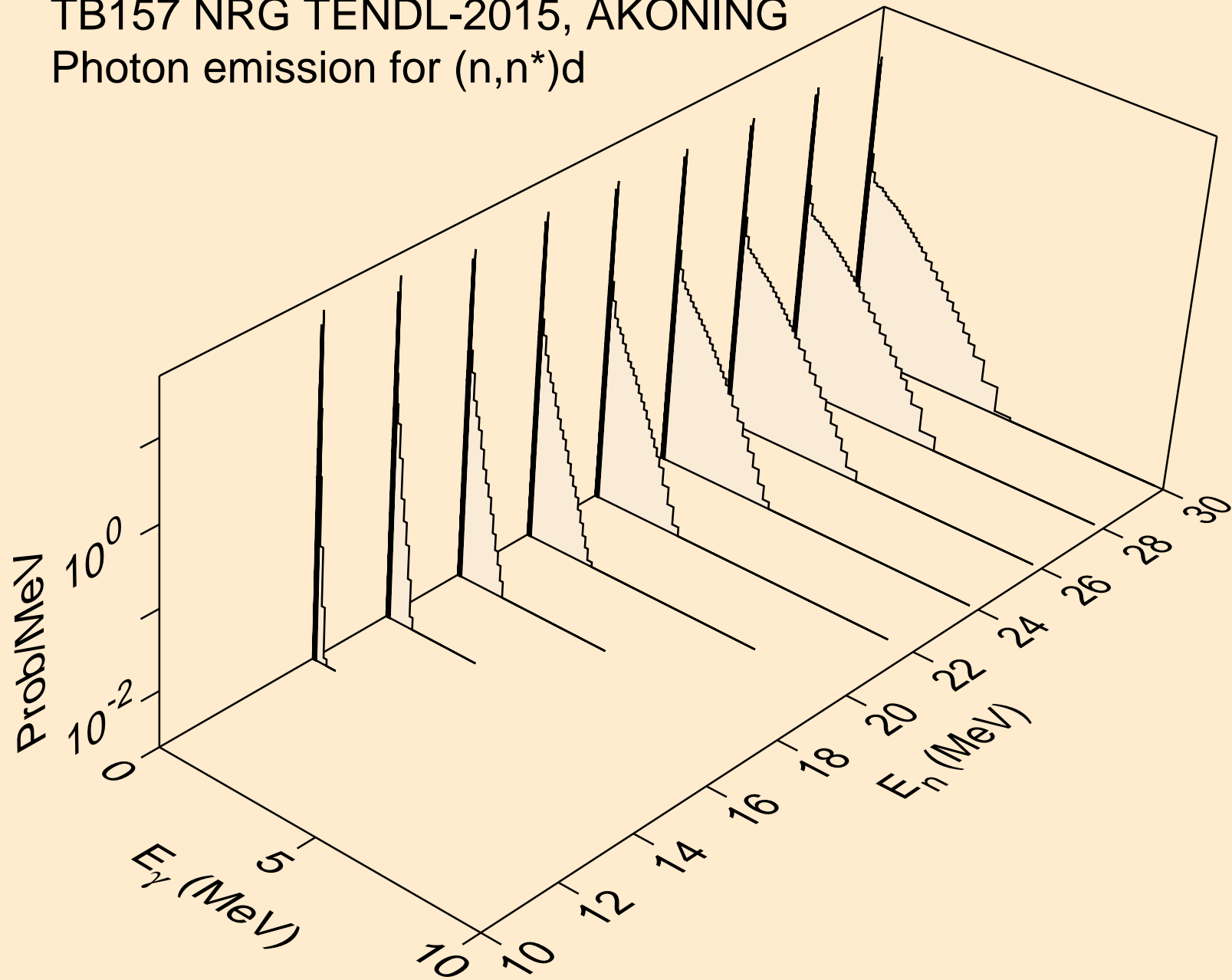




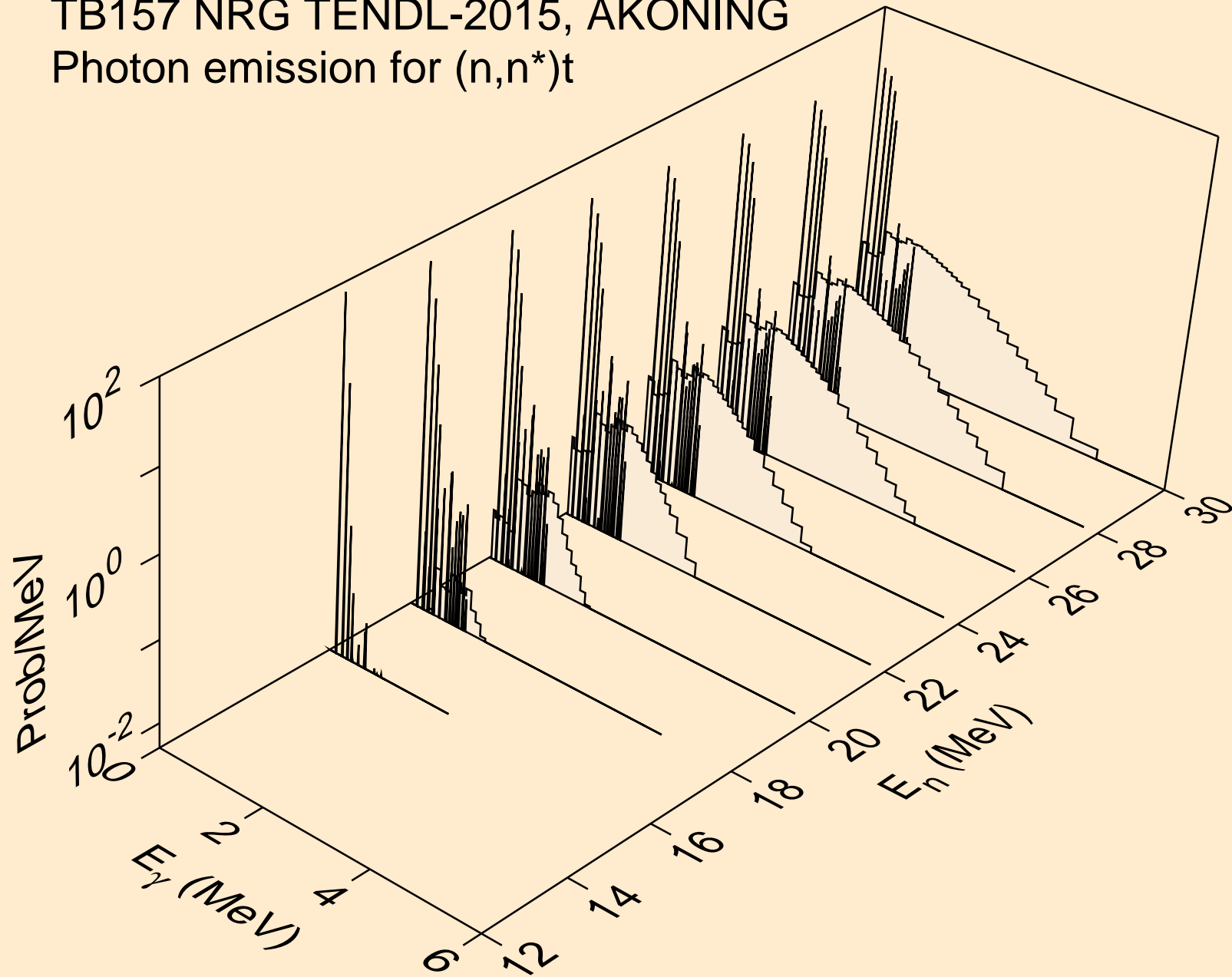
TB157 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



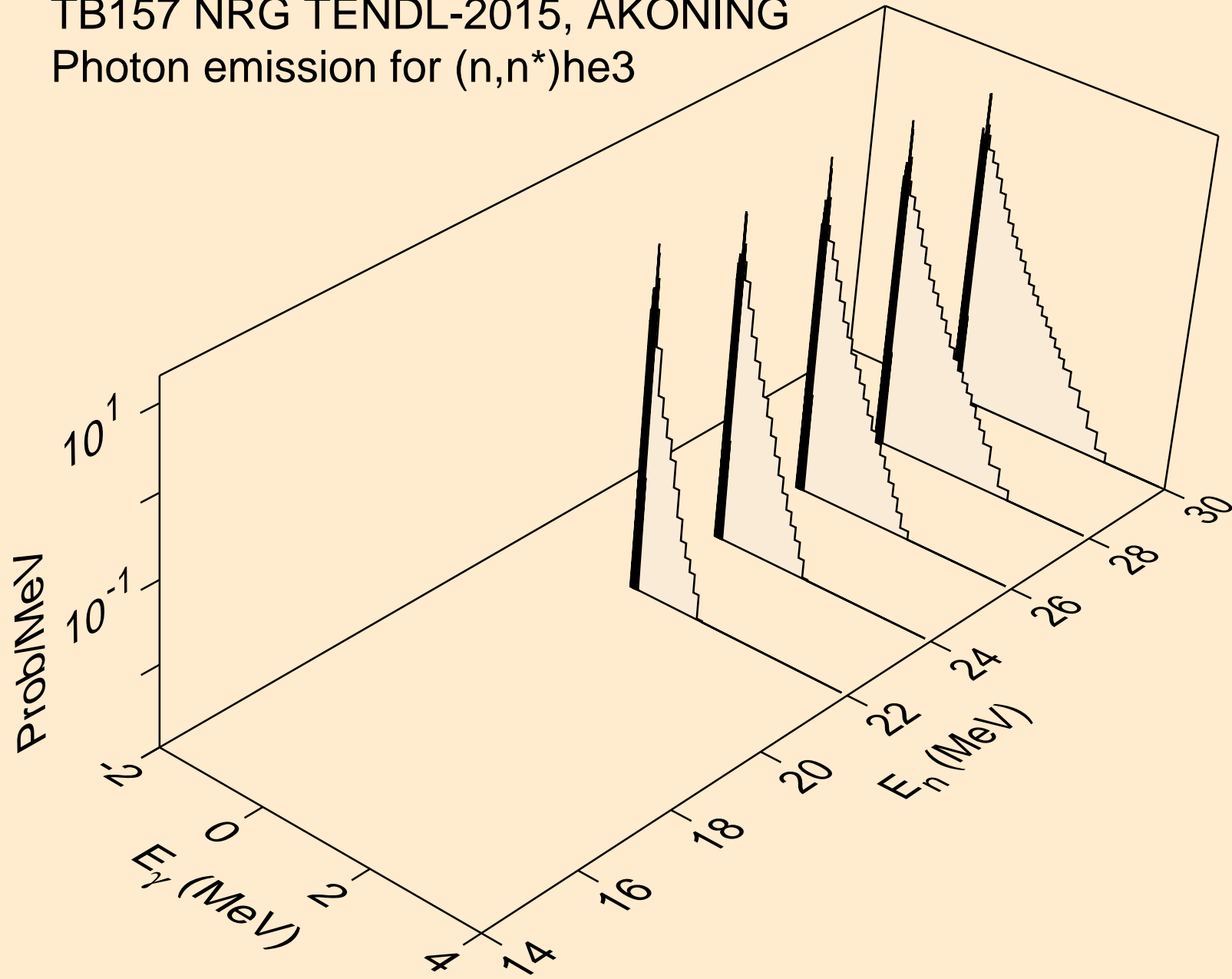
TB157 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



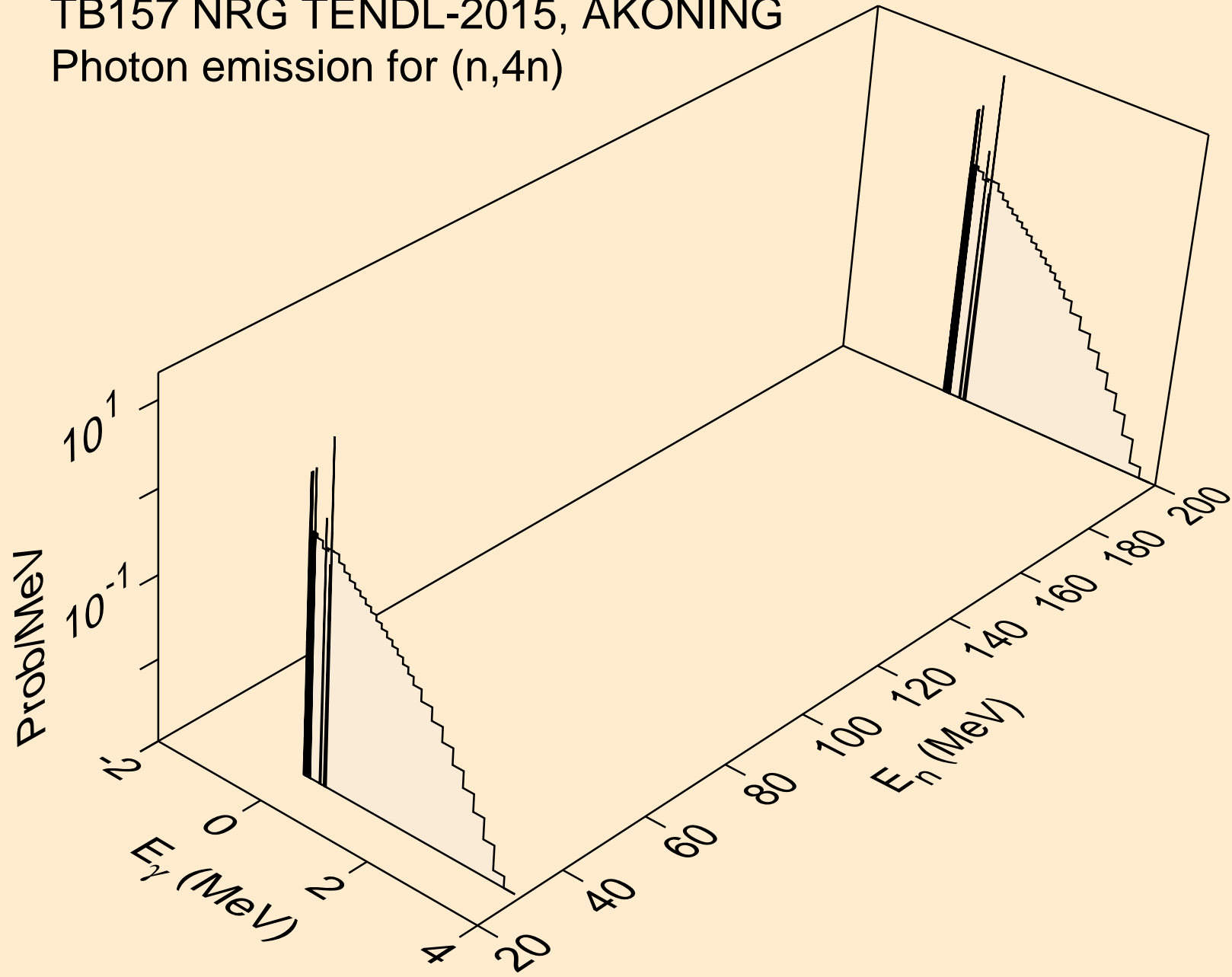
TB157 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



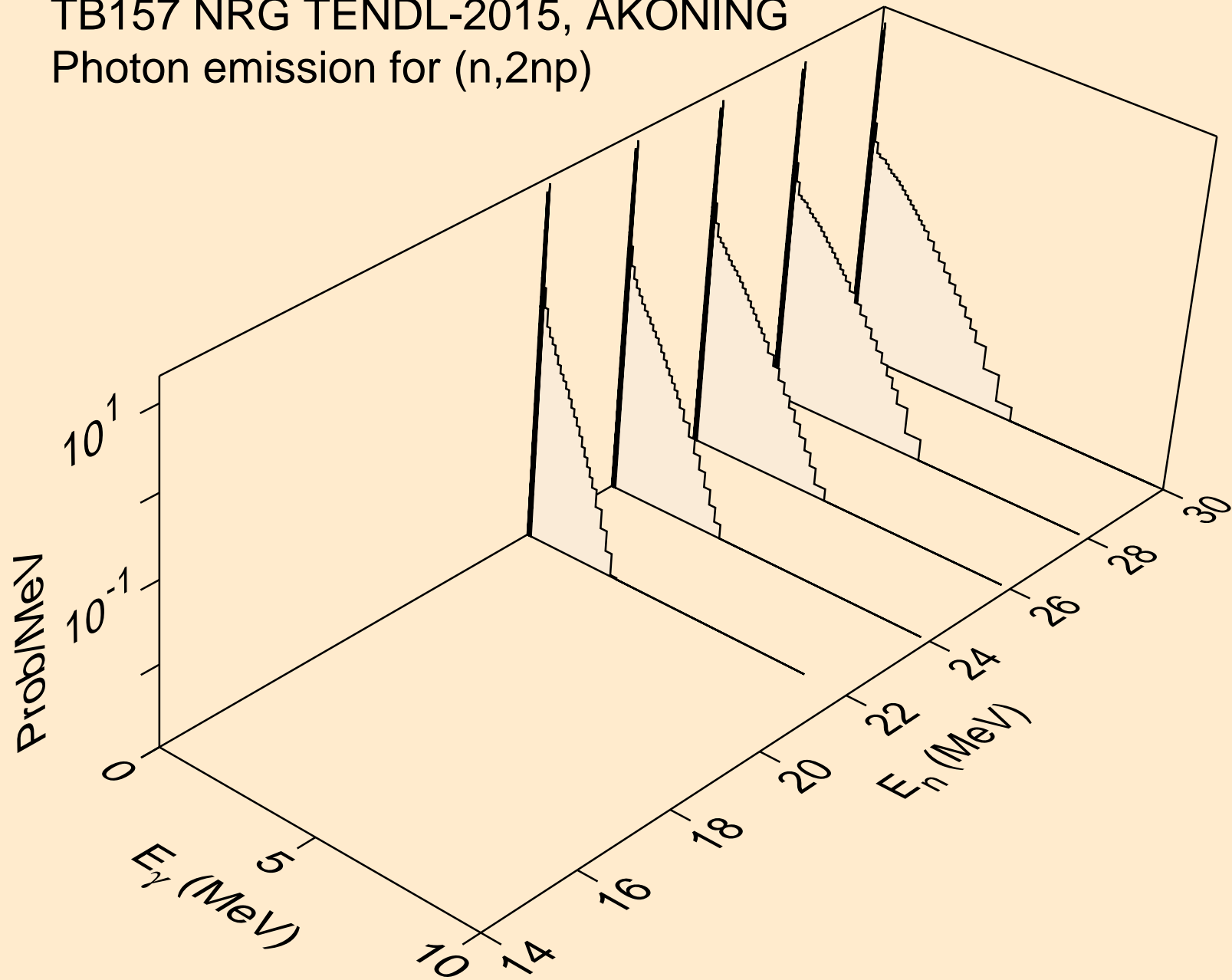
TB157 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



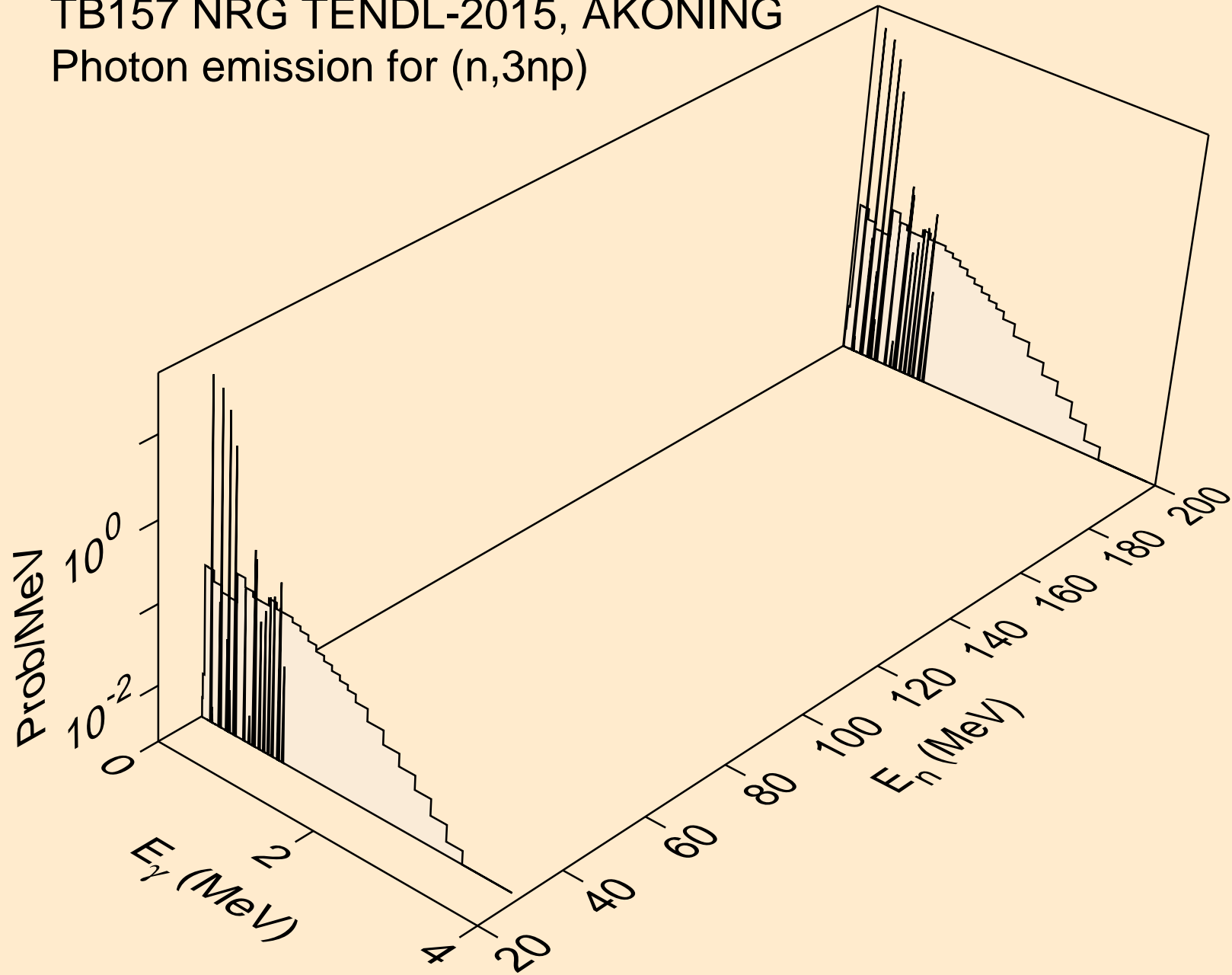
TB157 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



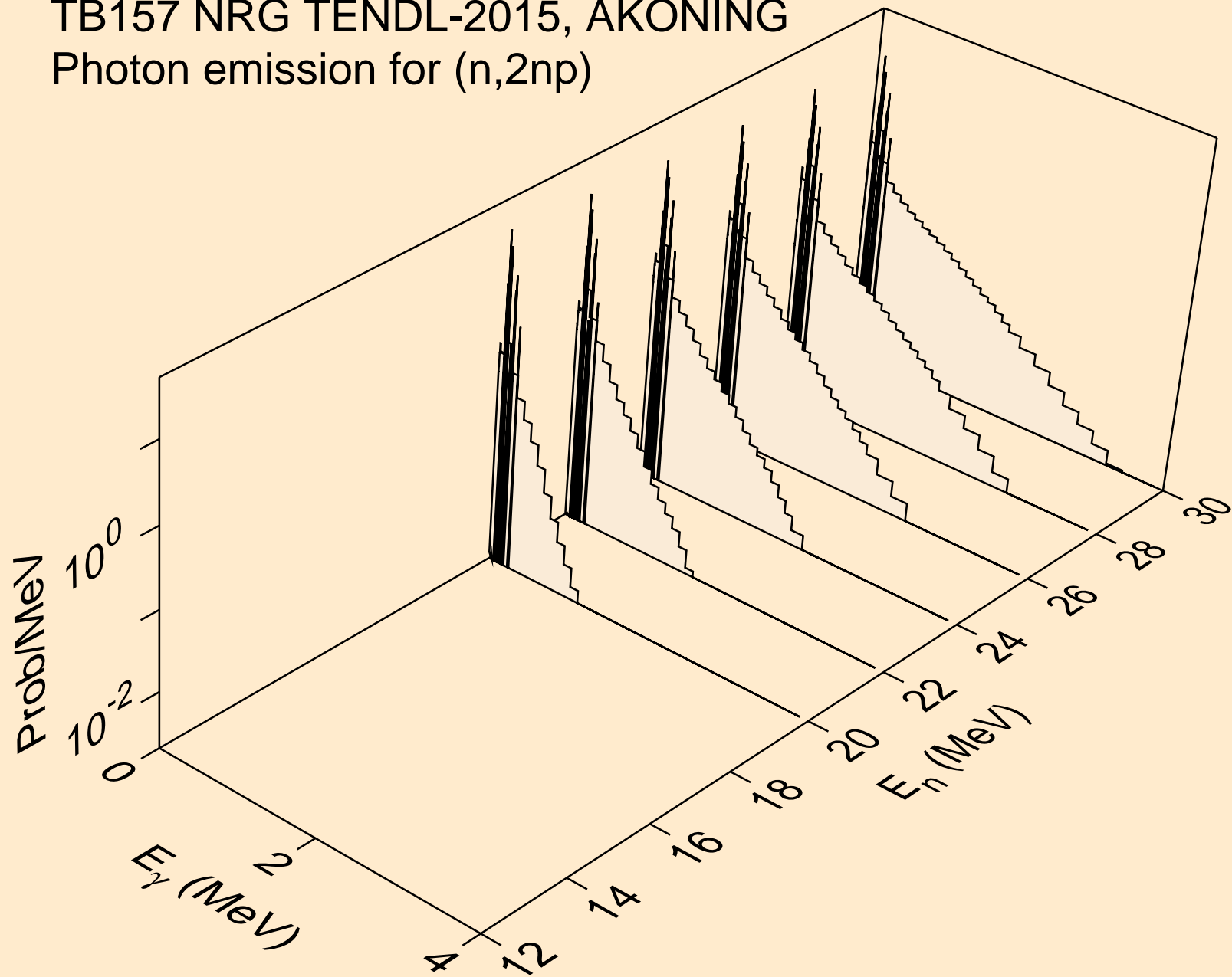
TB157 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



TB157 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)

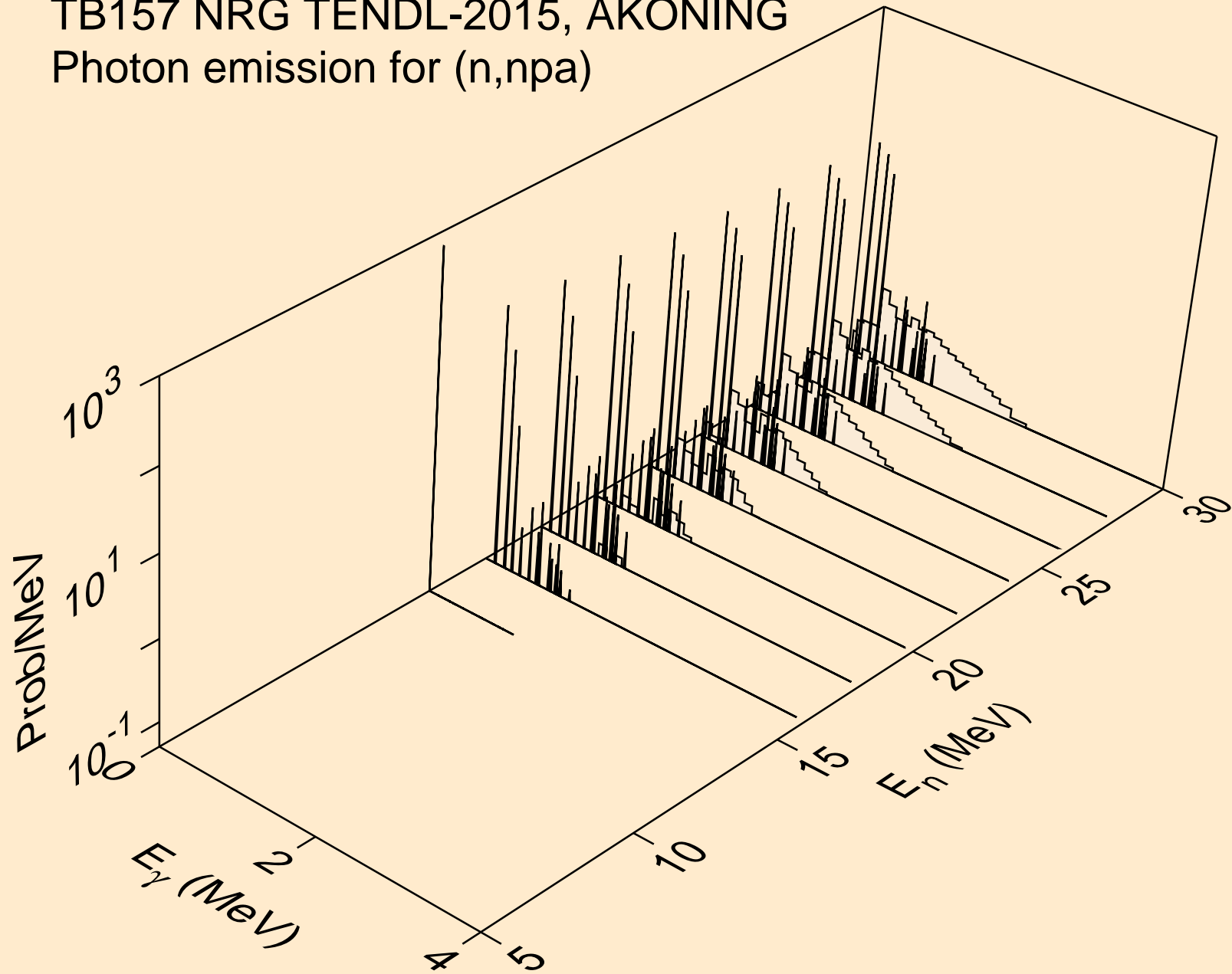


TB157 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

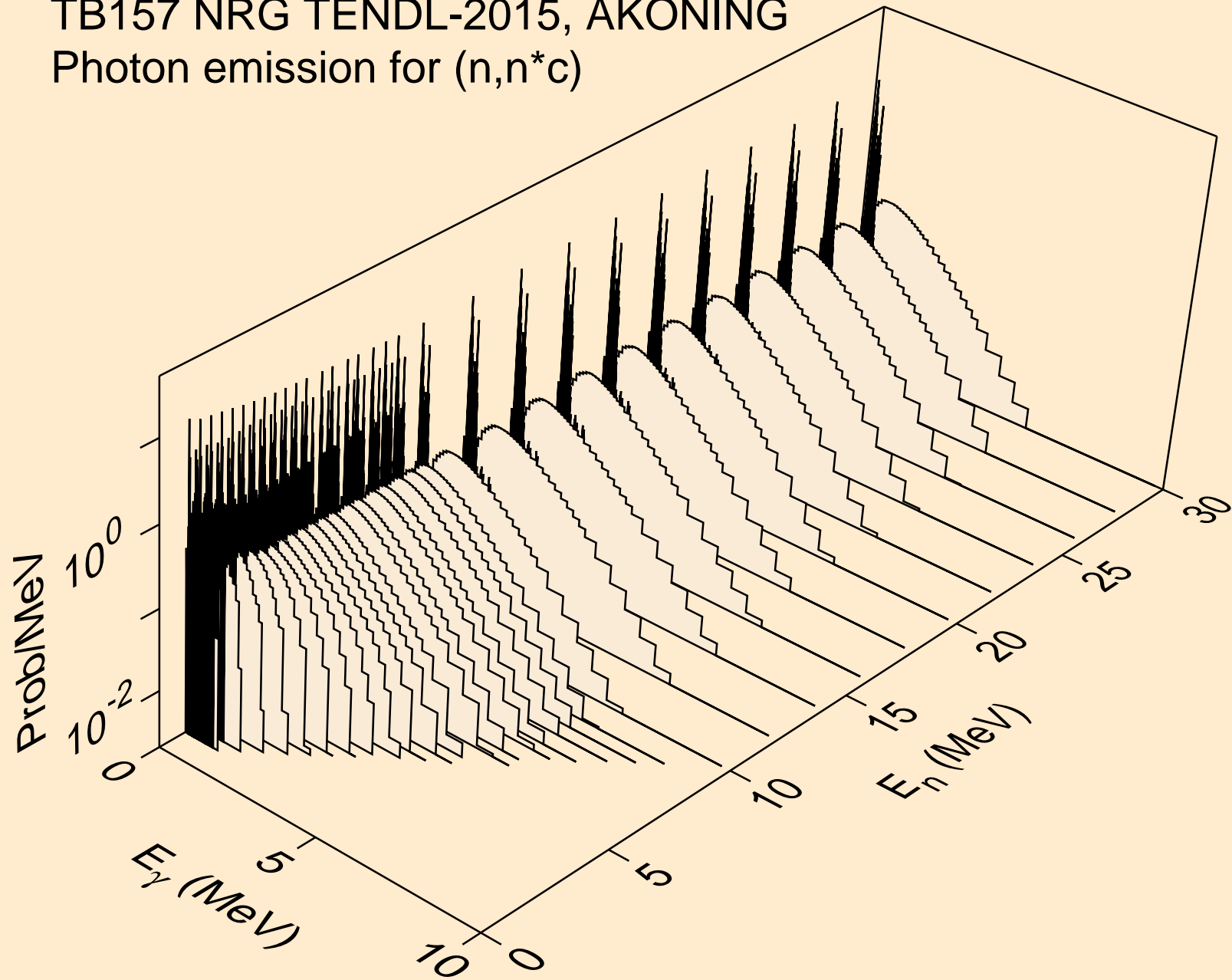




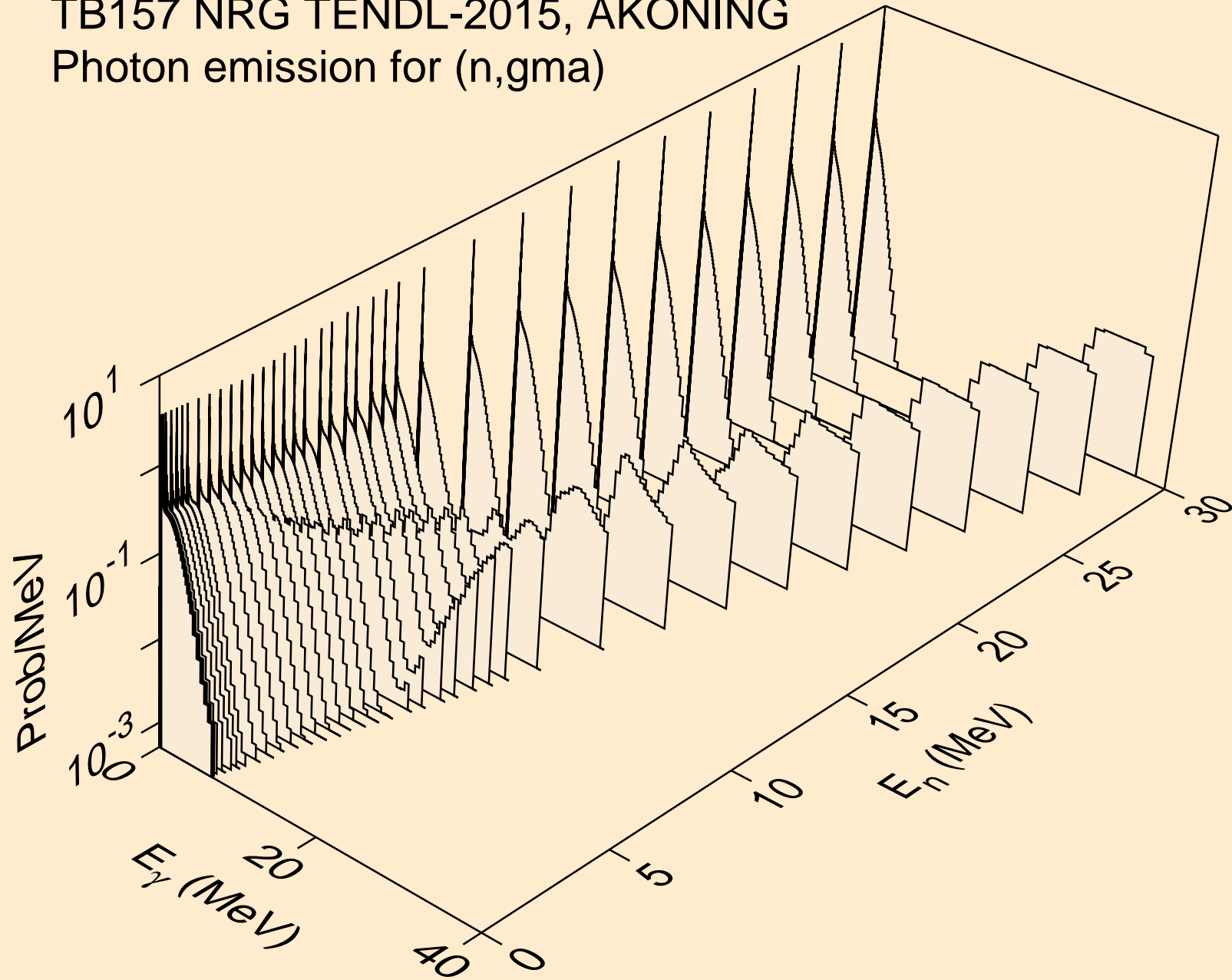
TB157 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



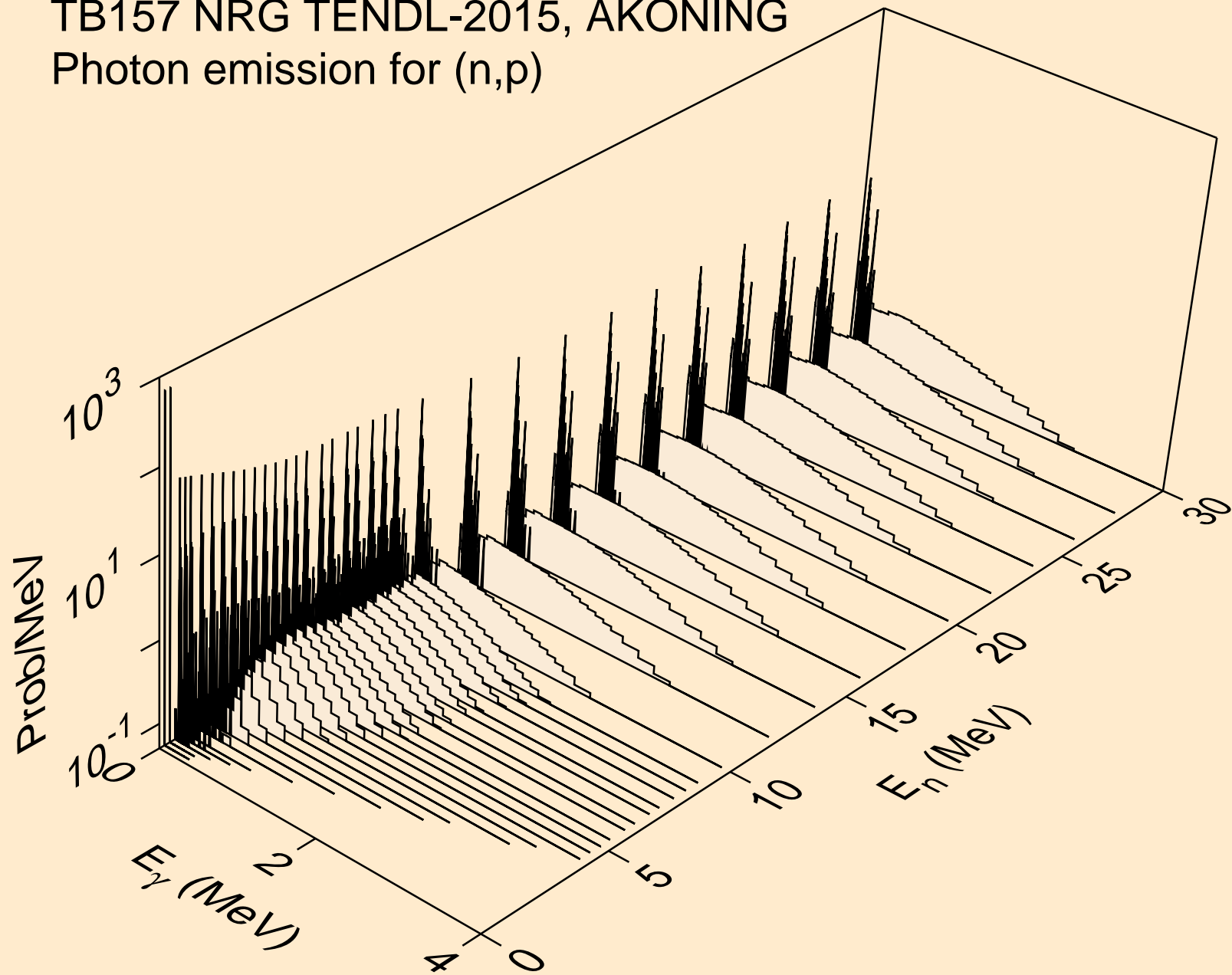
TB157 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



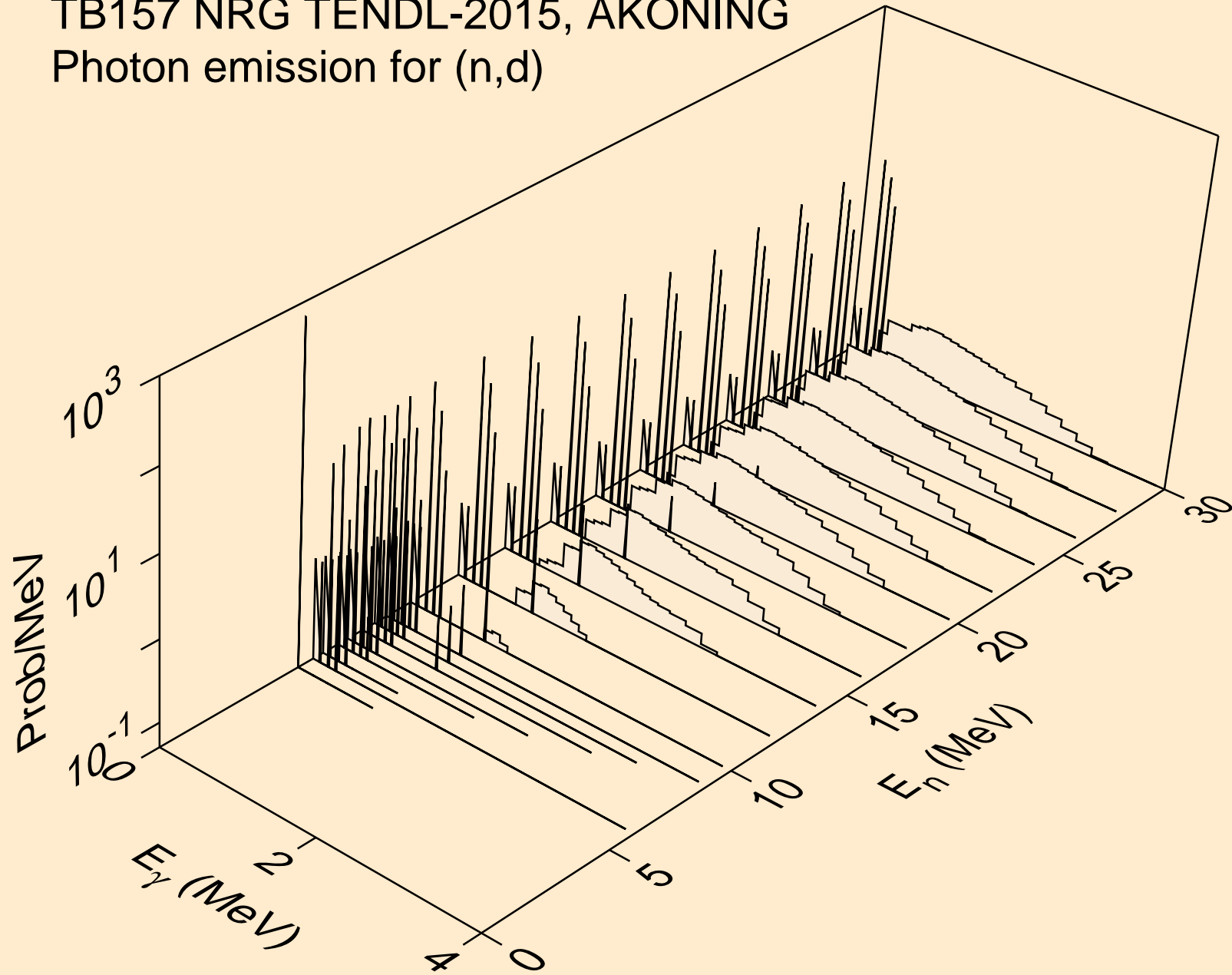
TB157 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



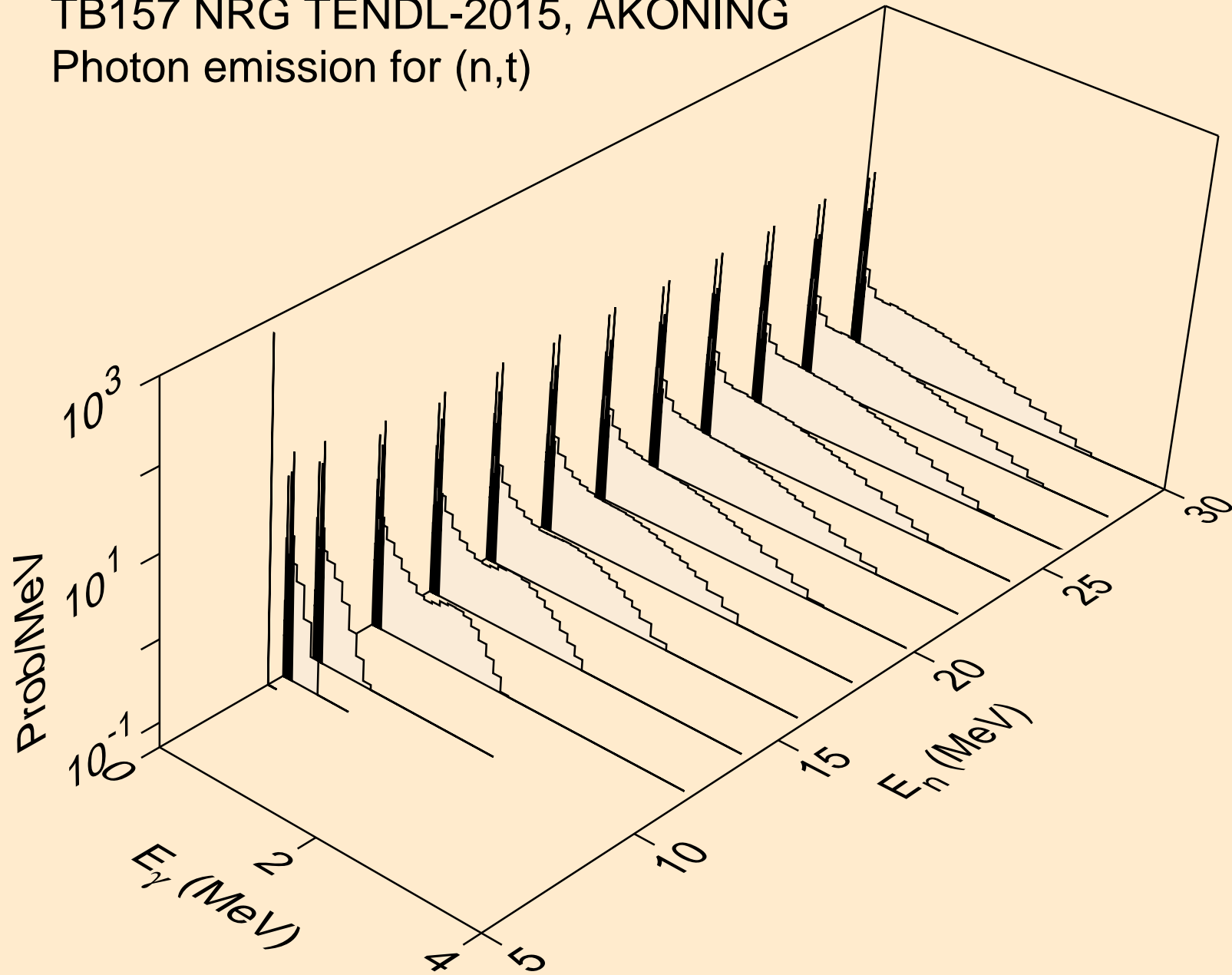
TB157 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



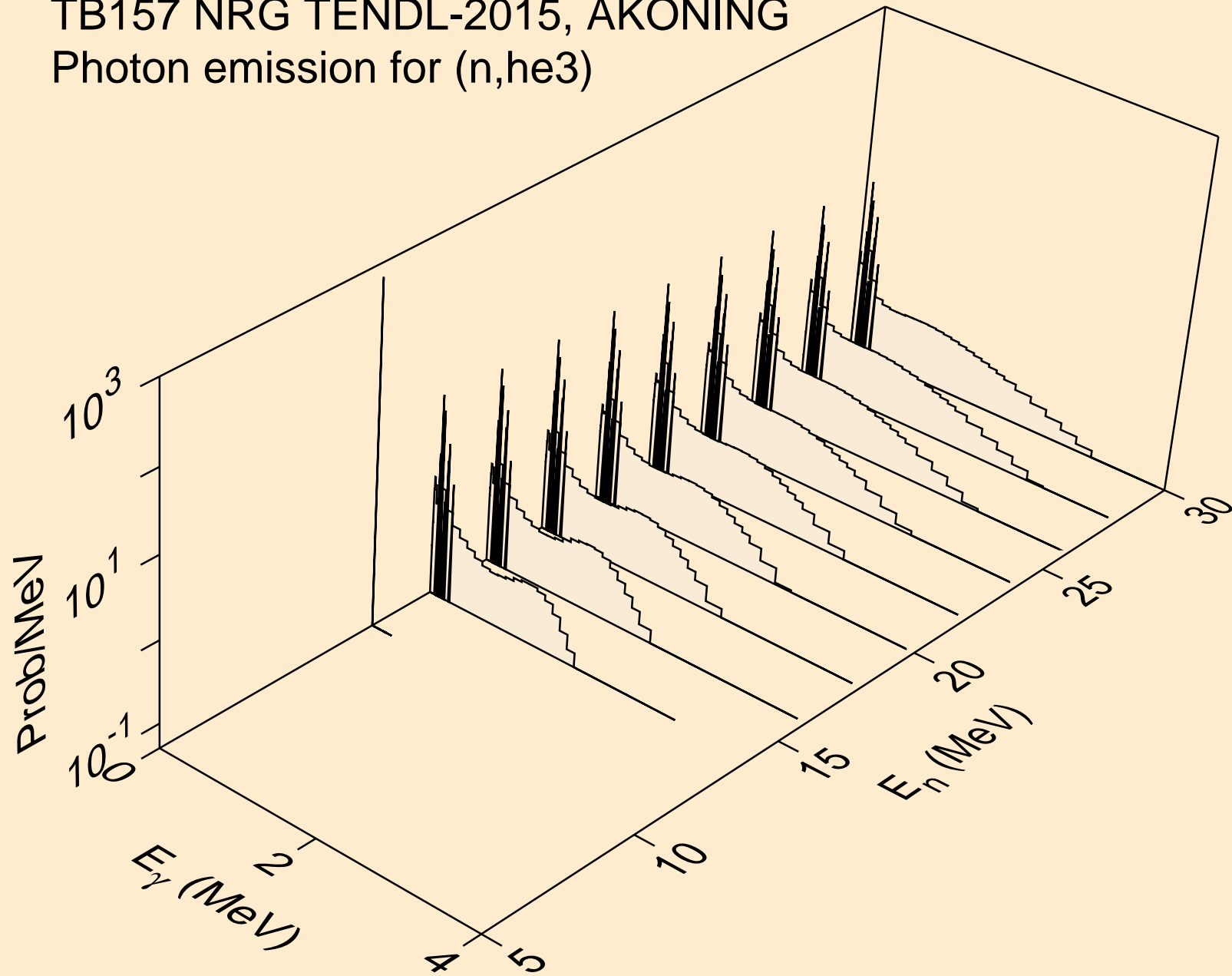
TB157 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



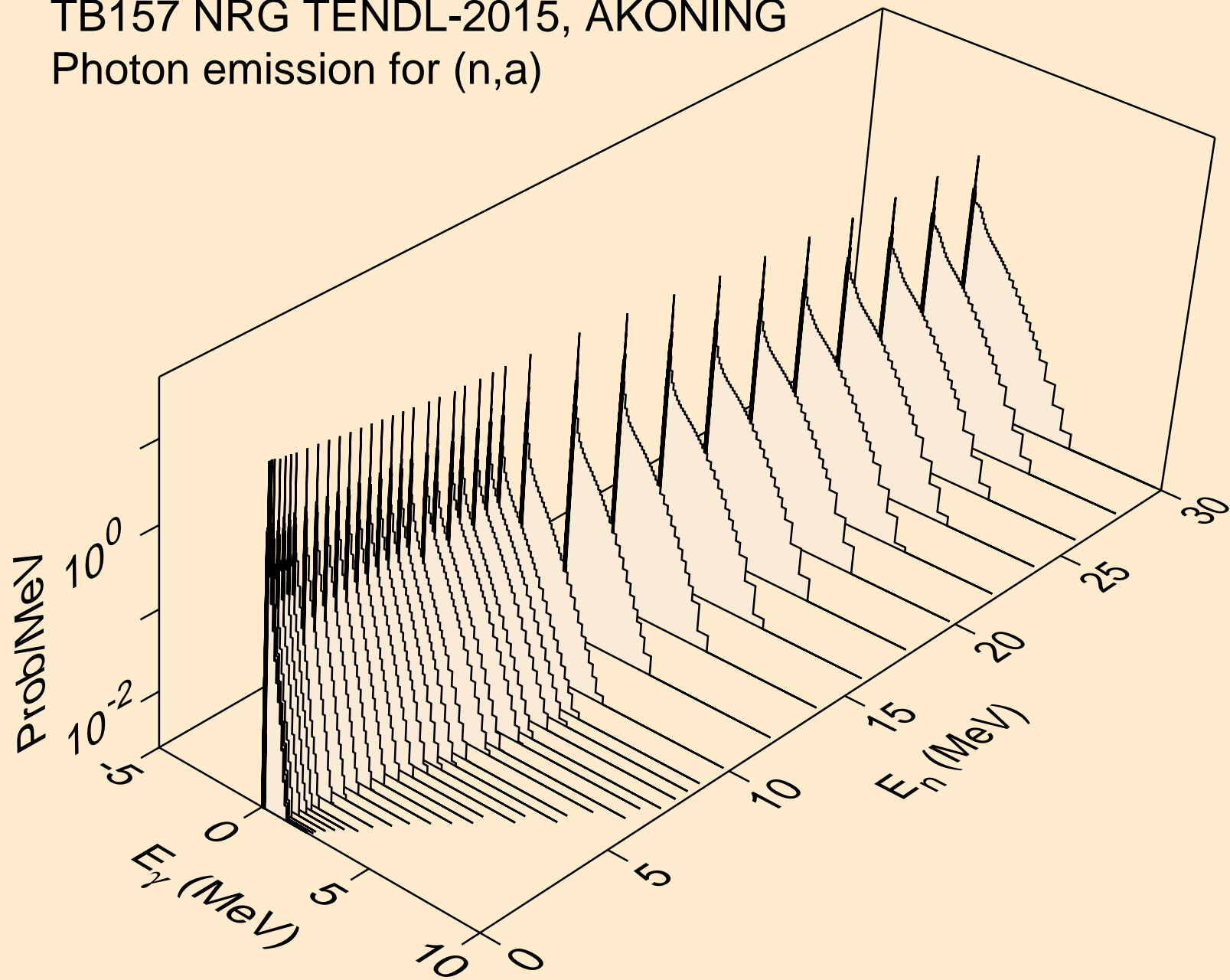
TB157 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



TB157 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)

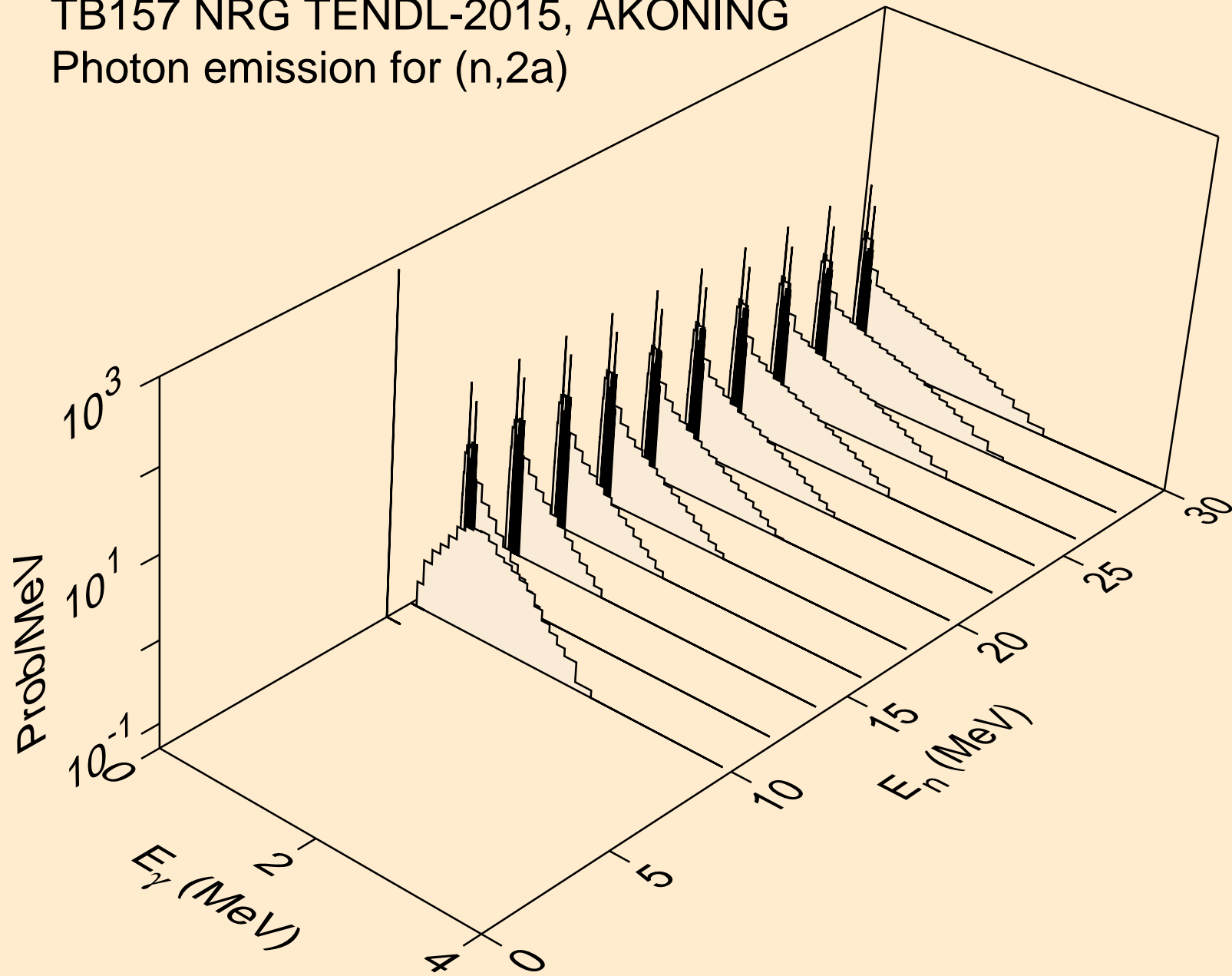


TB157 NRG TENDL-2015, AKONING  
Photon emission for (n,a)

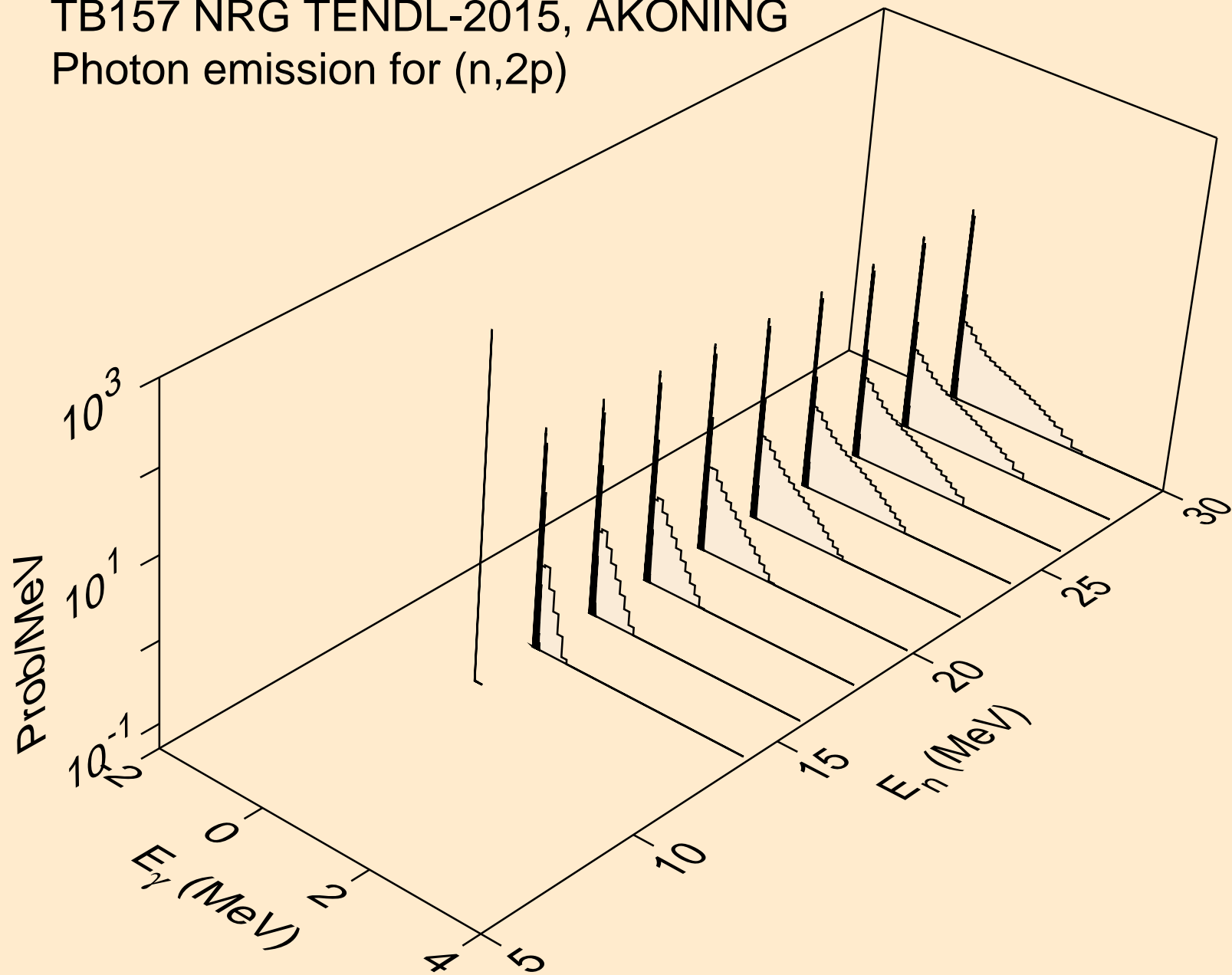




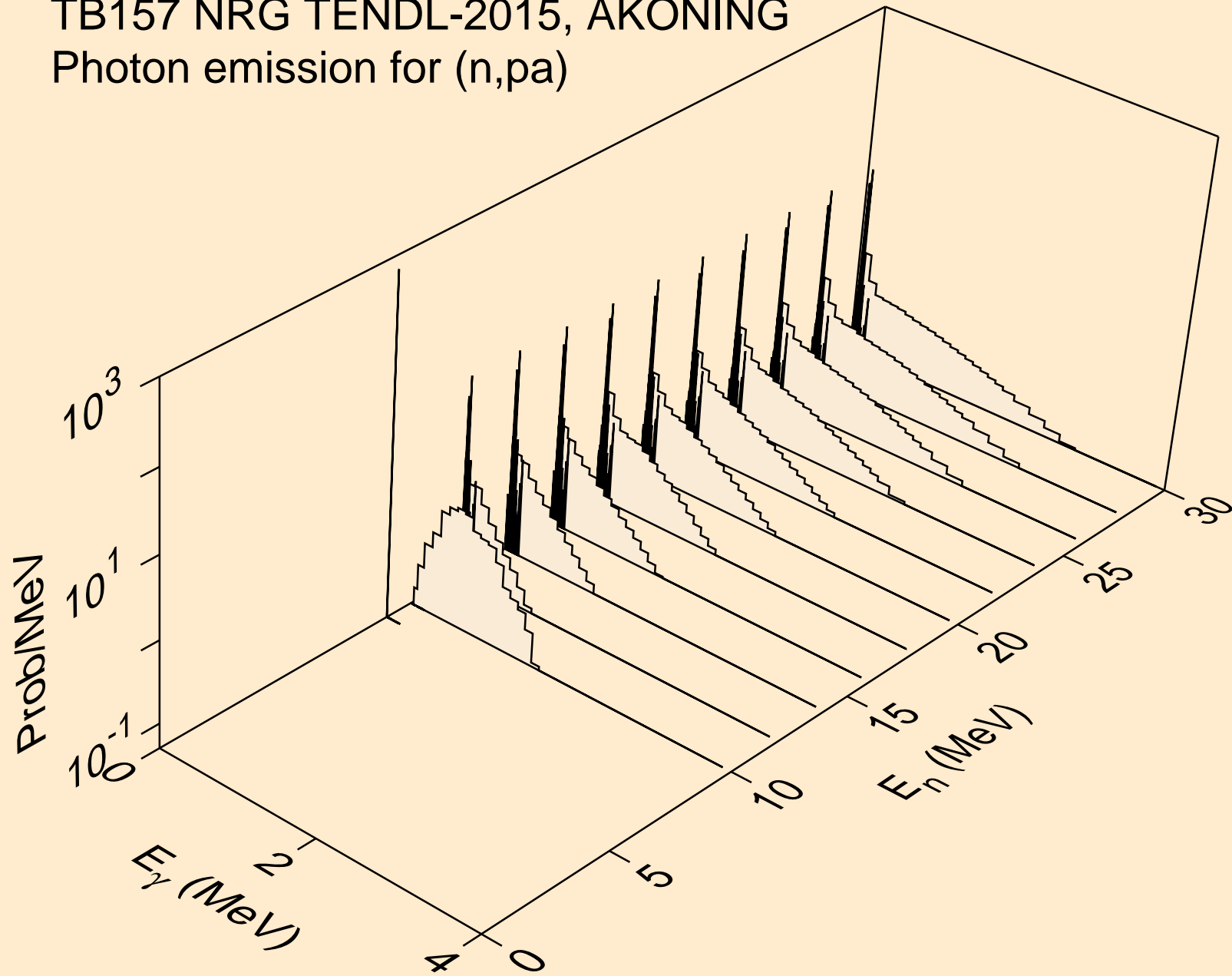
TB157 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



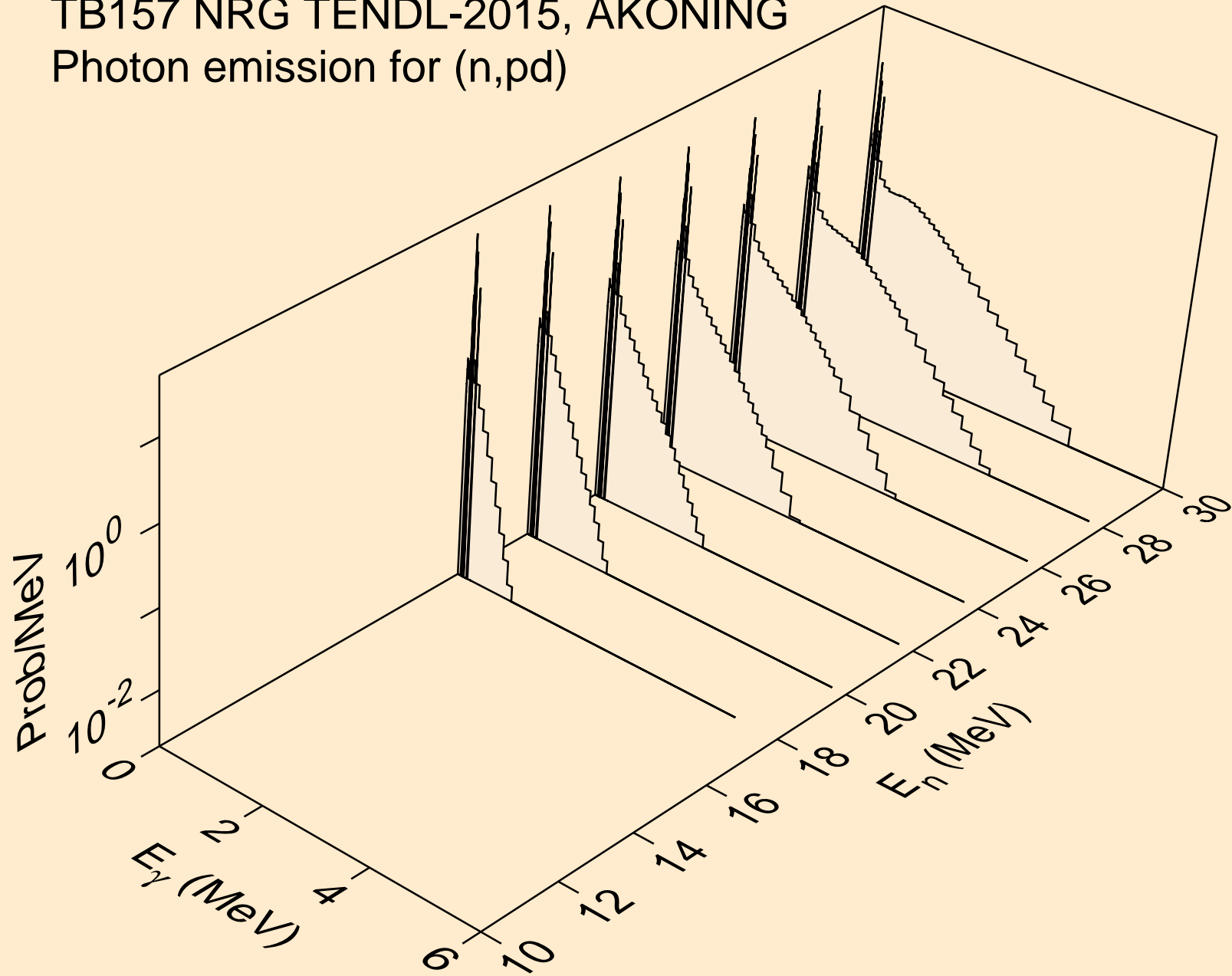
TB157 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



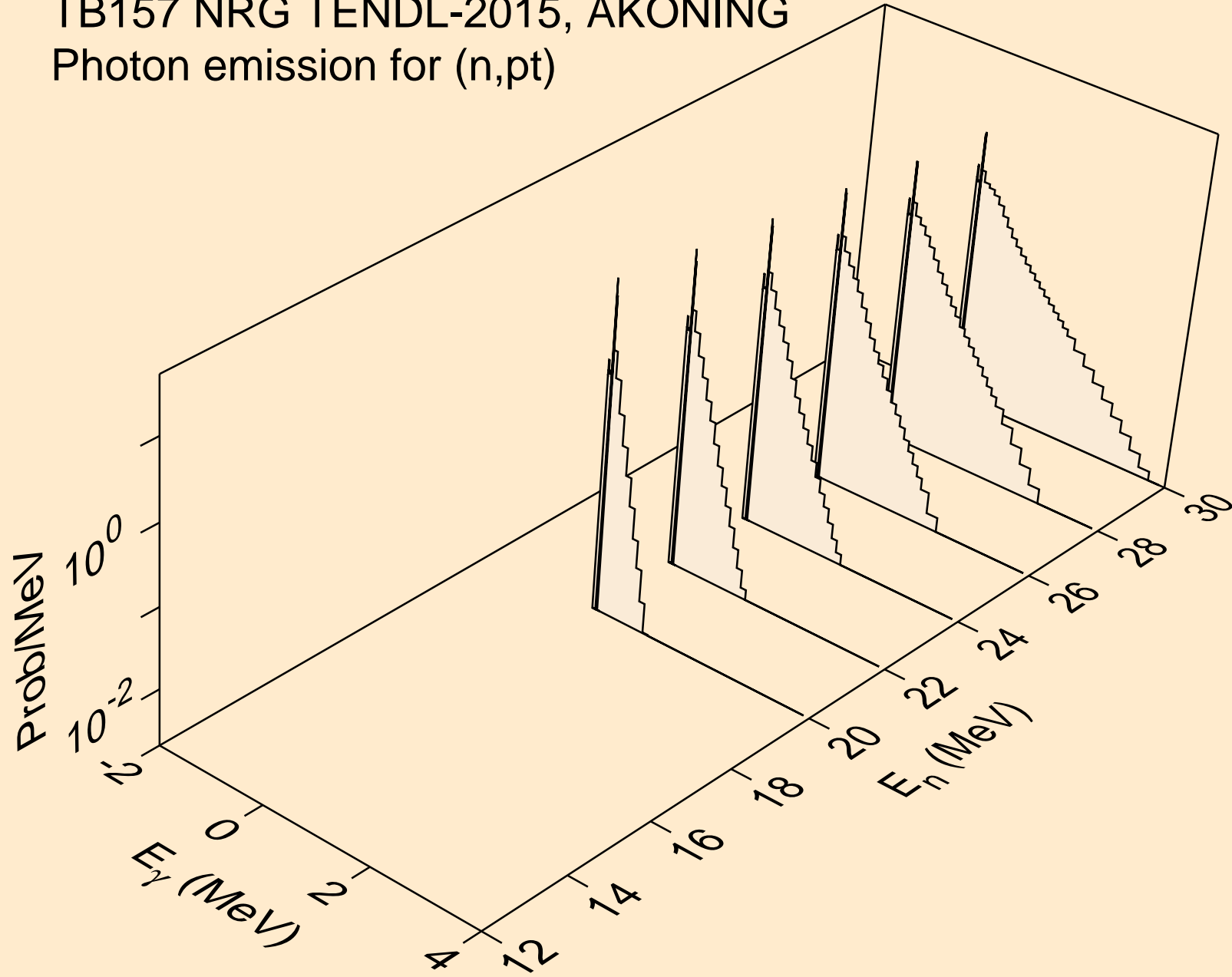
TB157 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)



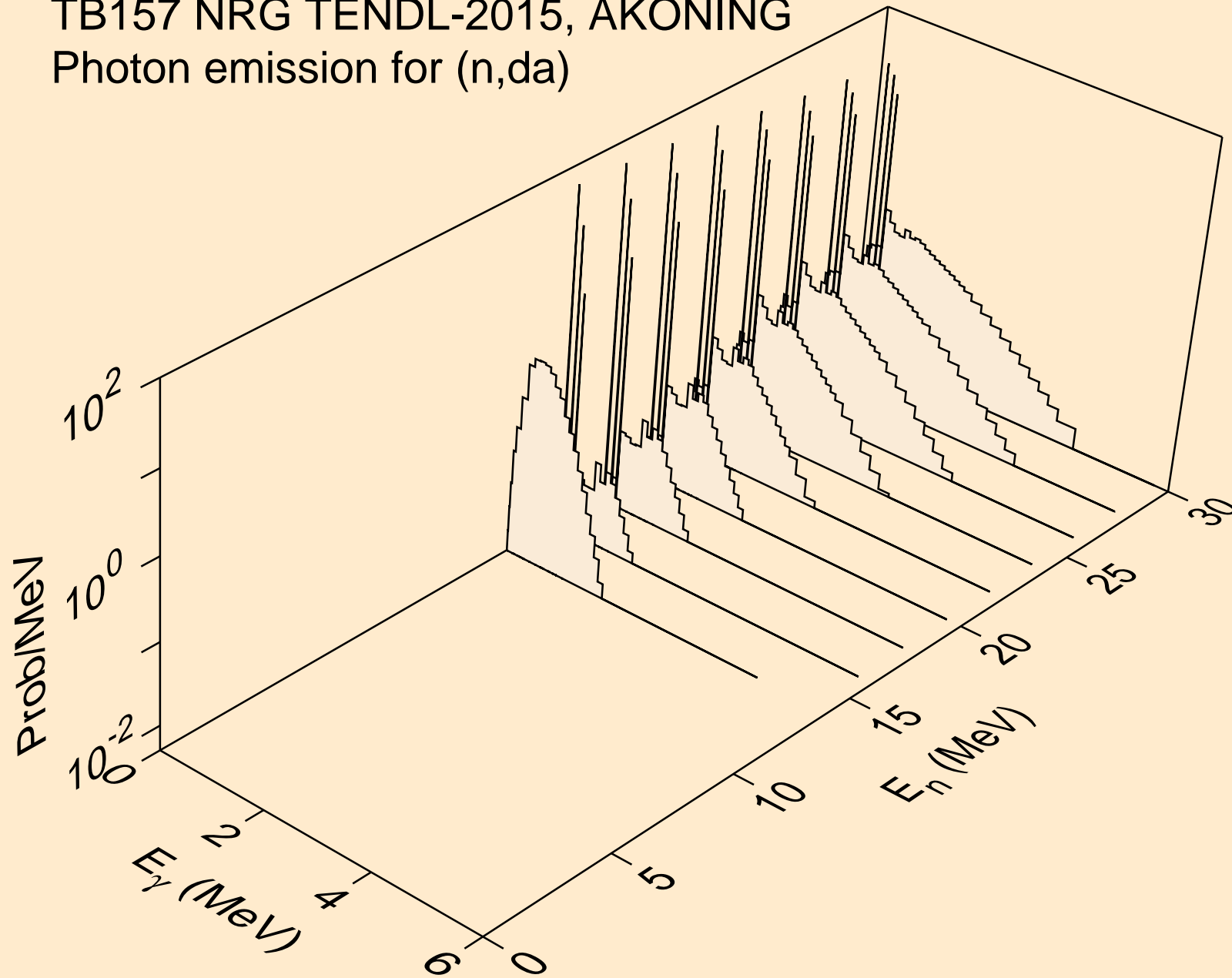
TB157 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



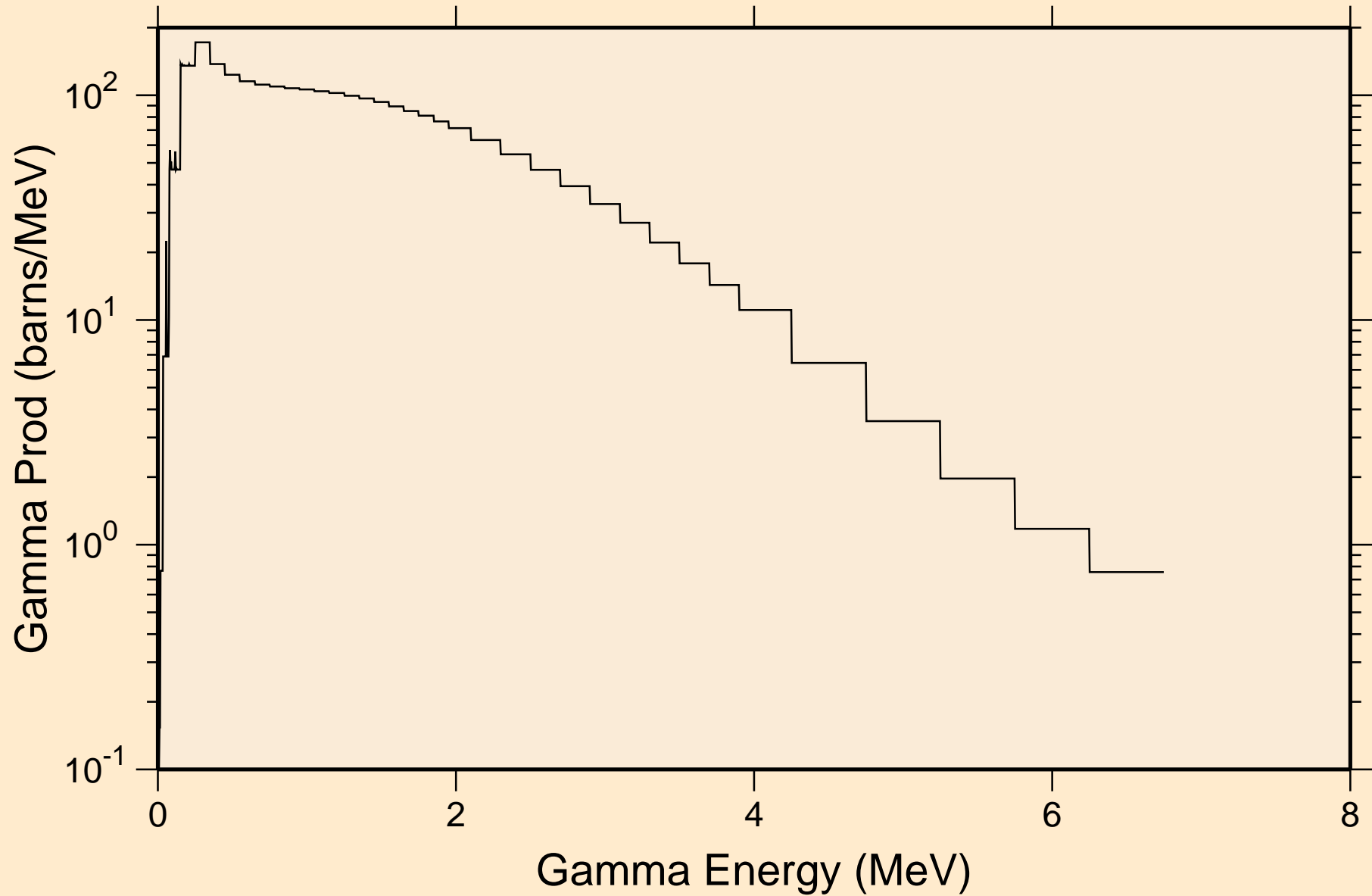
TB157 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



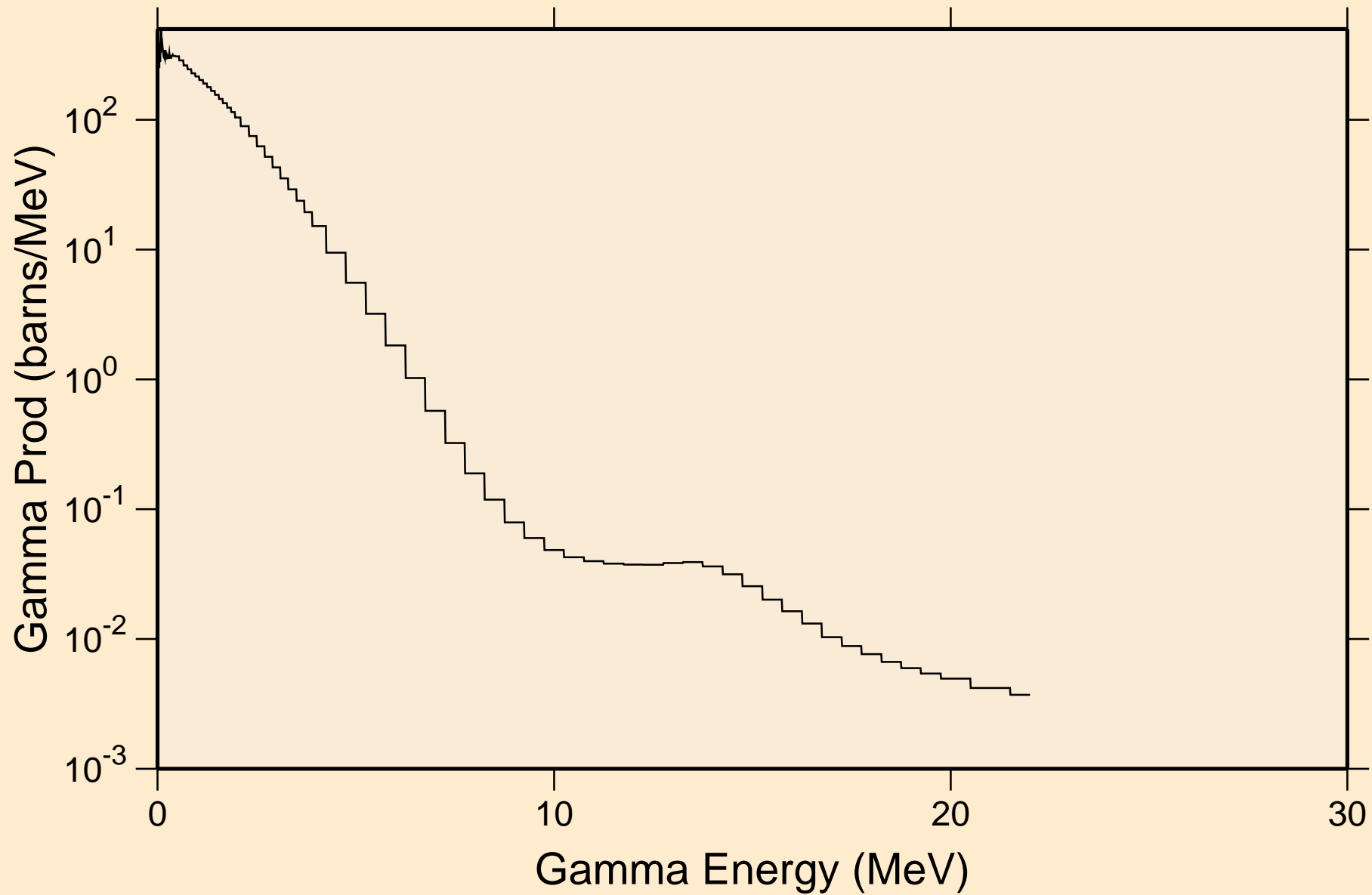
TB157 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



TB157 NRG TENDL-2015, AKONING  
thermal capture photon spectrum



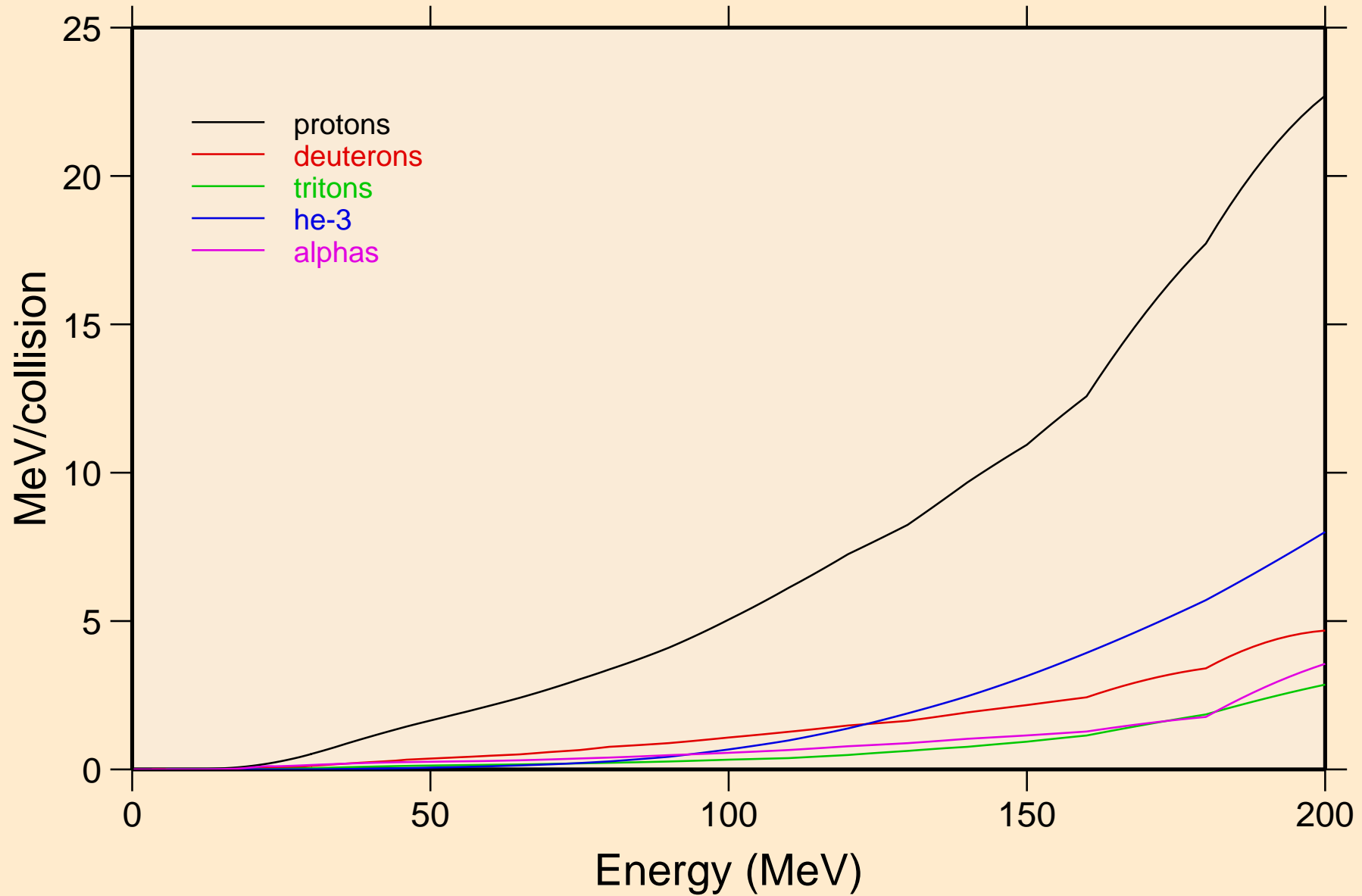
TB157 NRG TENDL-2015, AKONING  
14 MeV photon spectrum





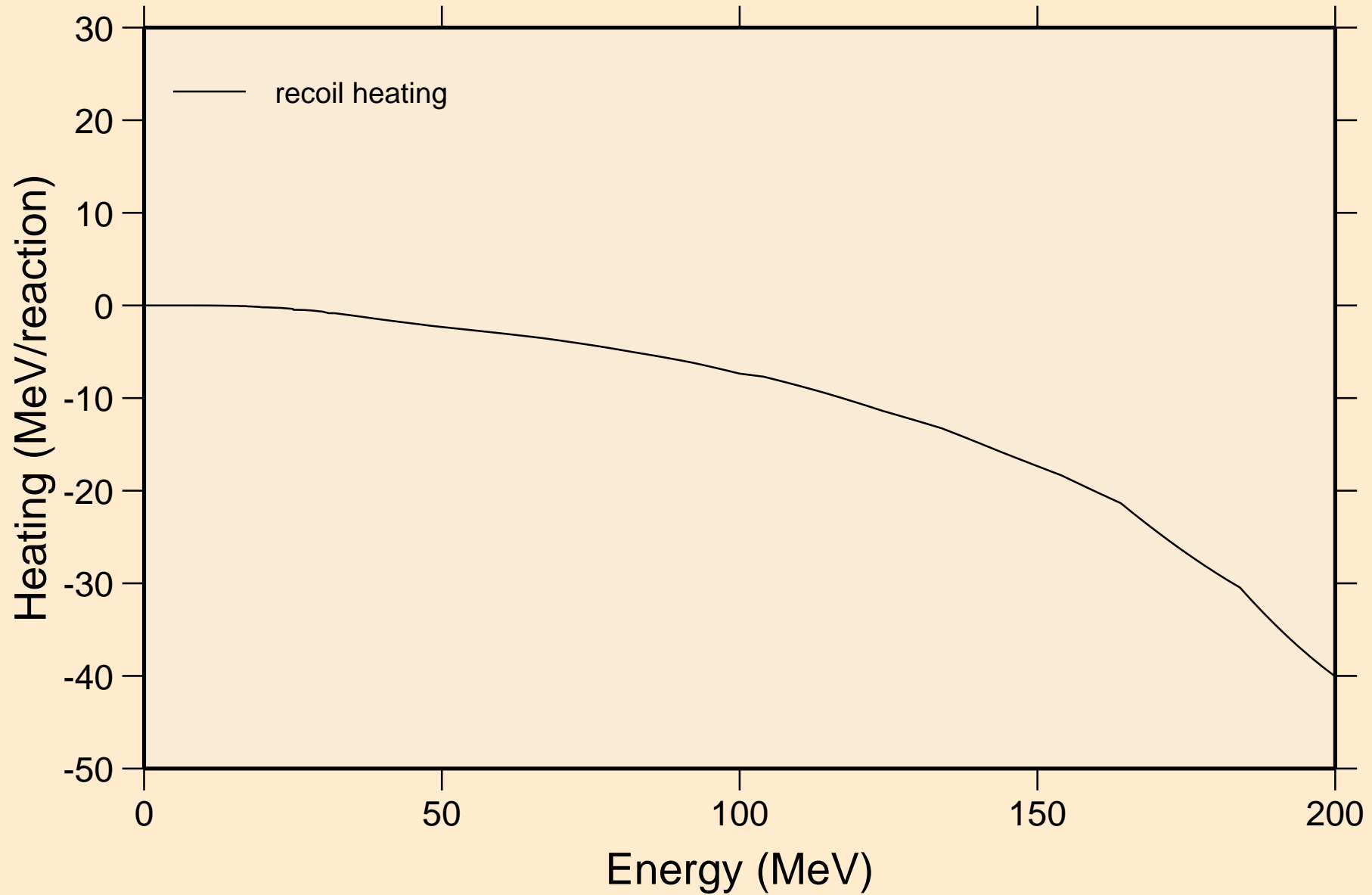
# TB157 NRG TENDL-2015, AKONING

## Particle heating contributions



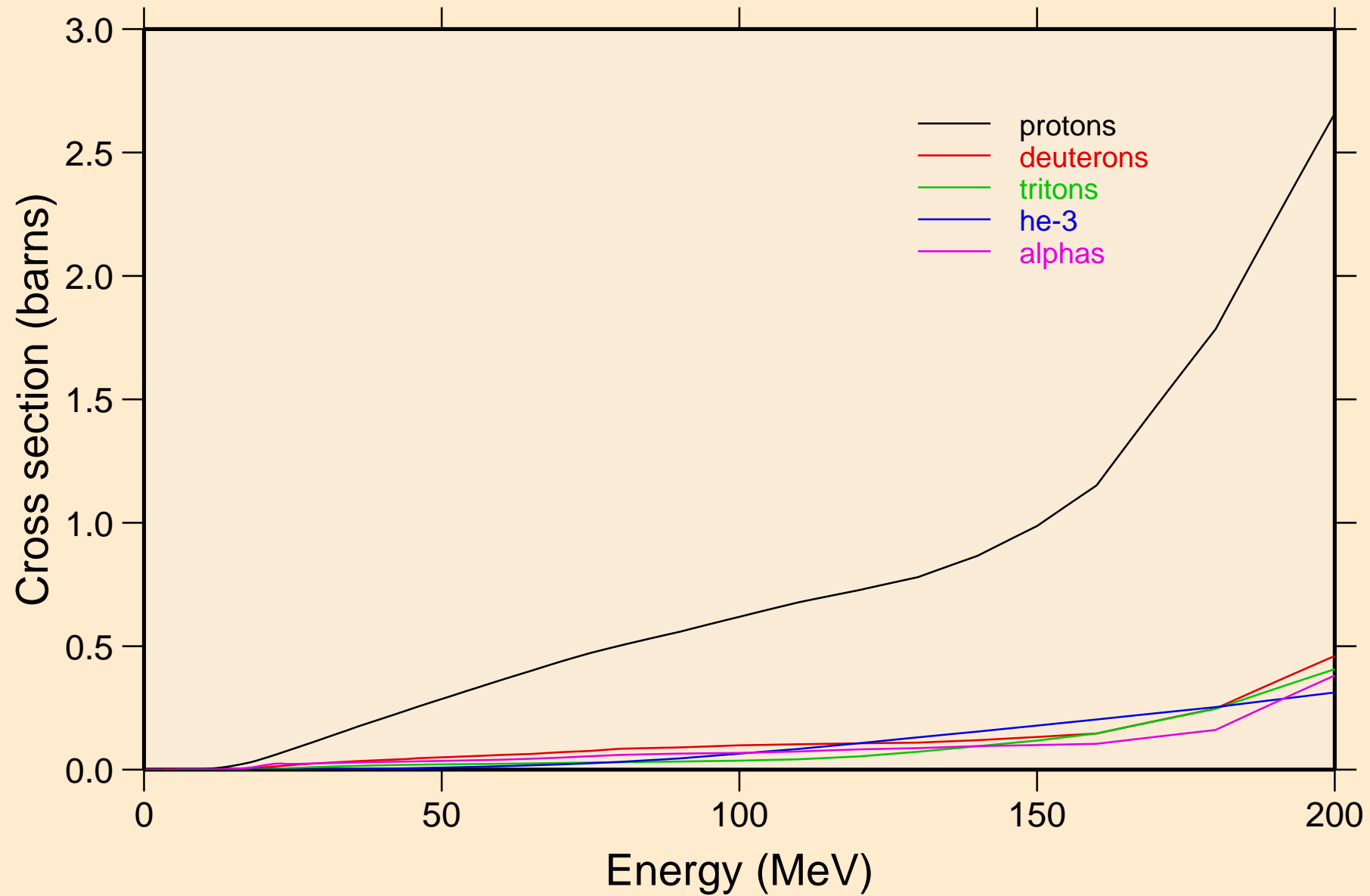
# TB157 NRG TENDL-2015, AKONING

## Recoil Heating

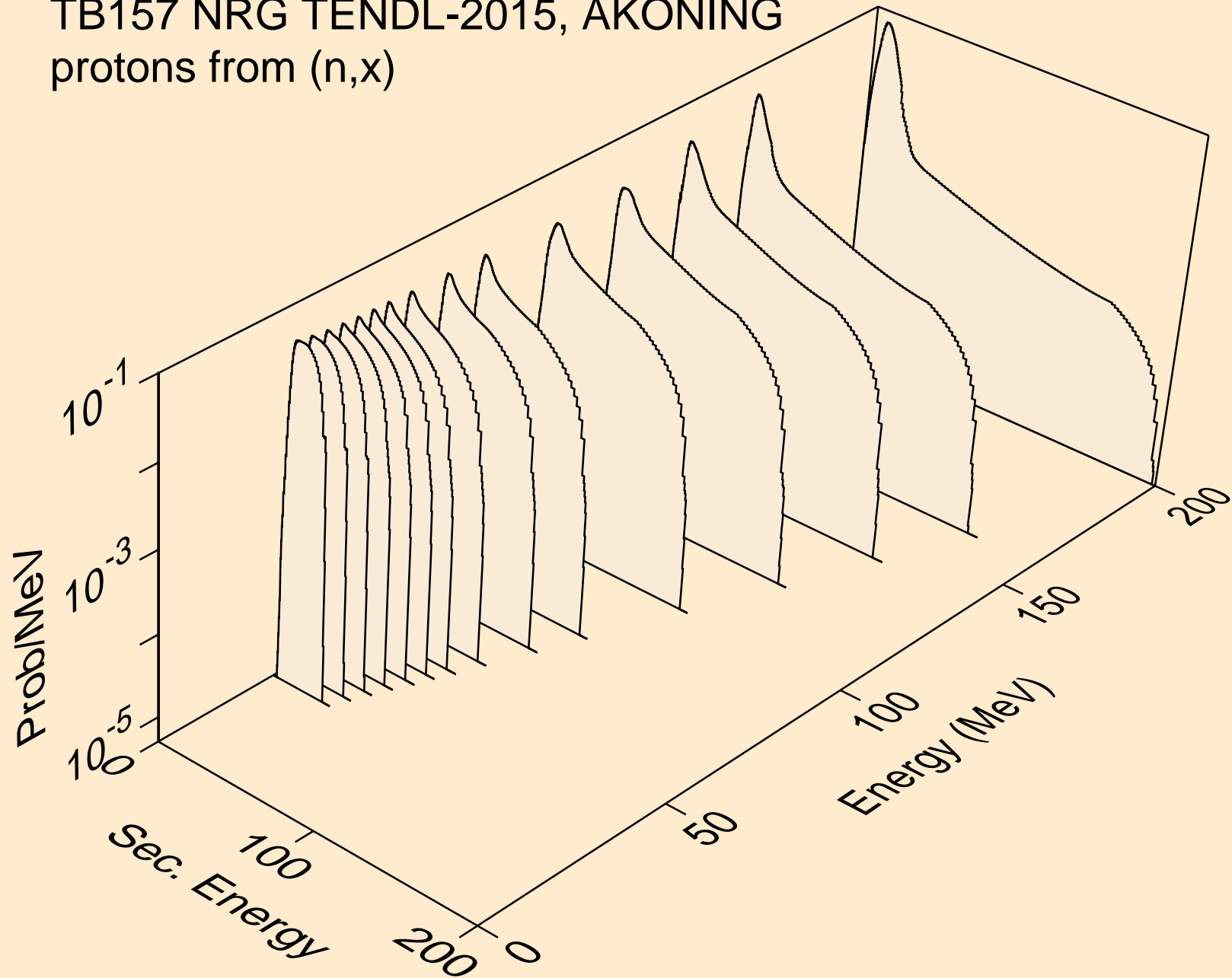


# TB157 NRG TENDL-2015, AKONING

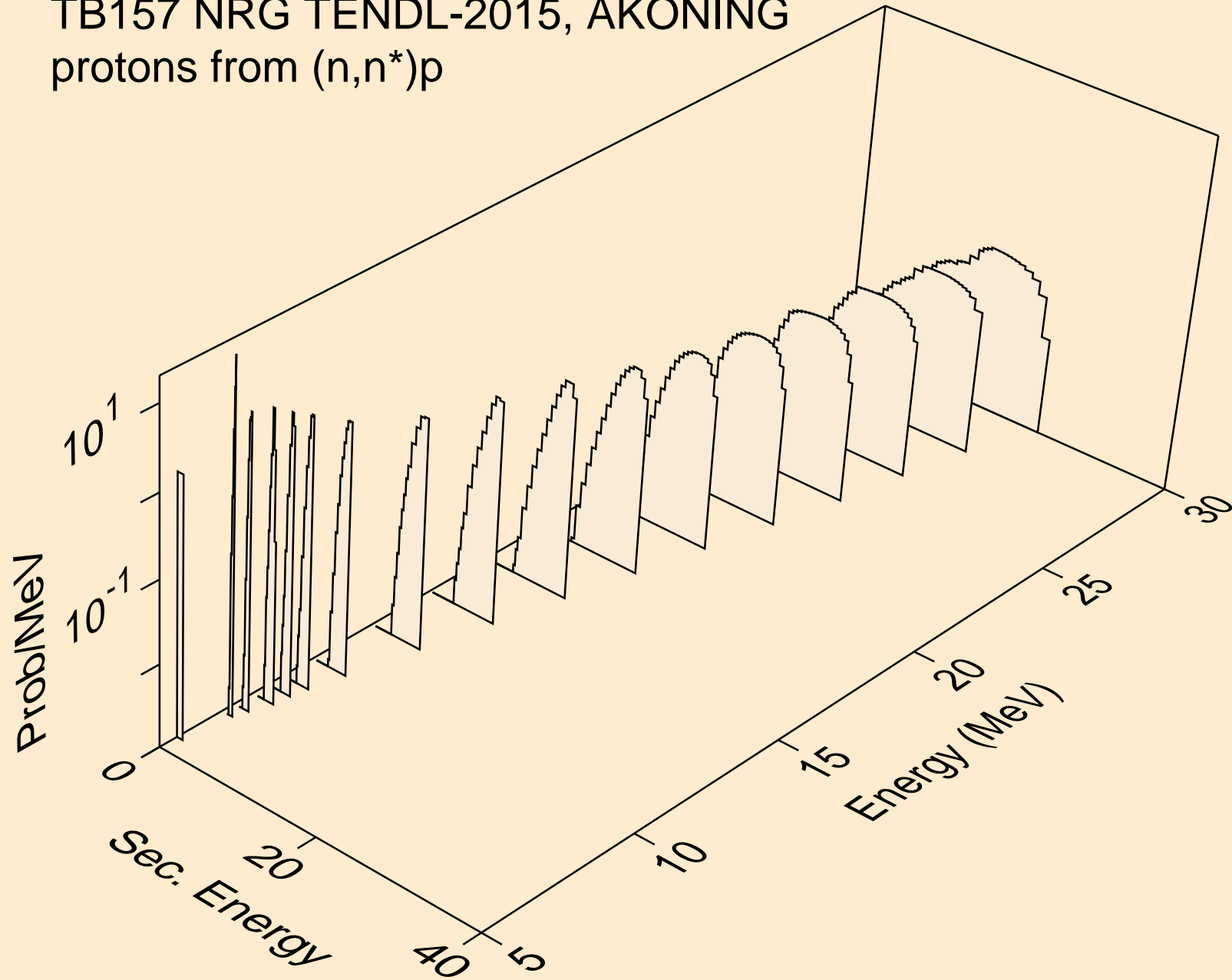
## Particle production cross sections



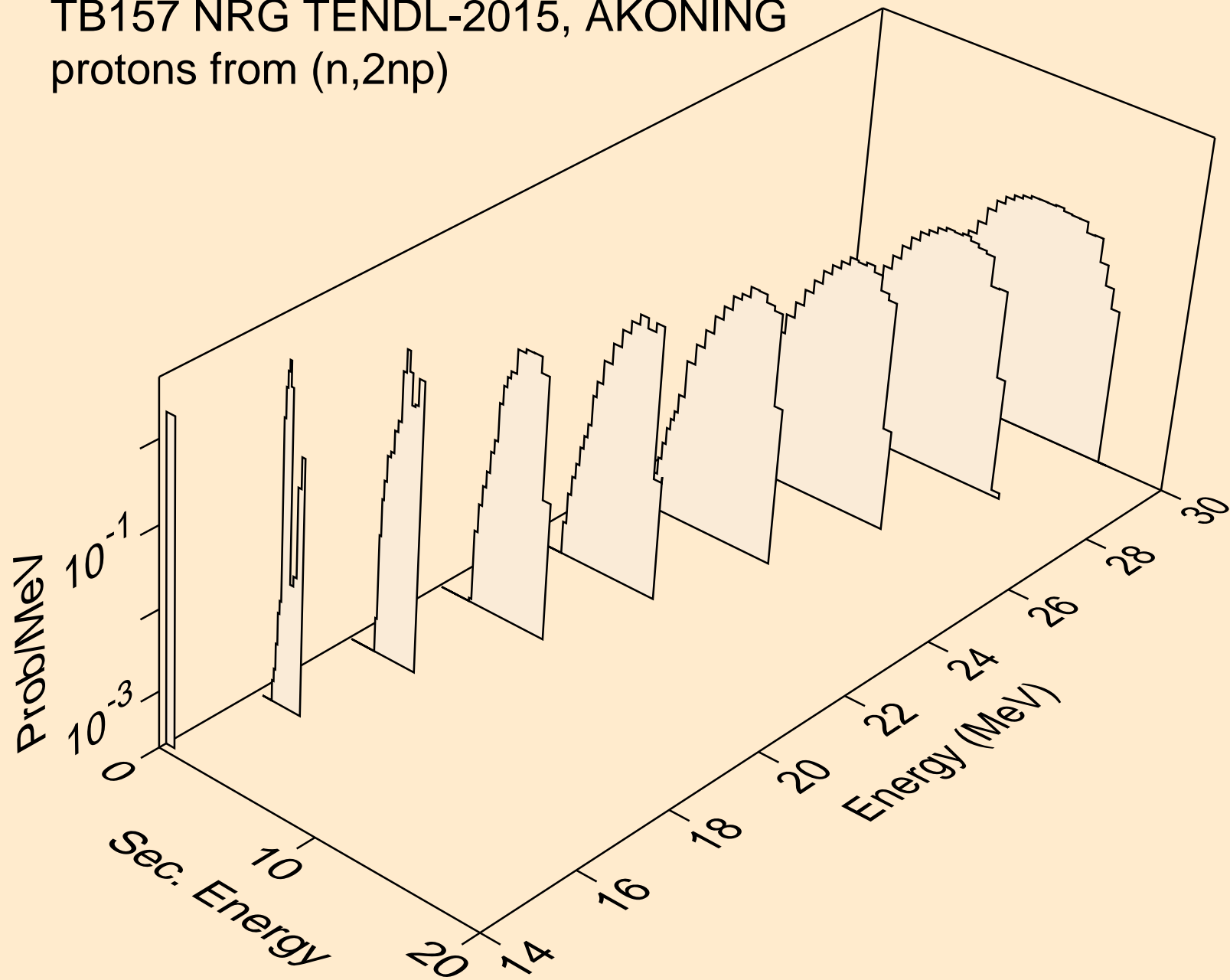
TB157 NRG TENDL-2015, AKONING  
protons from (n,x)



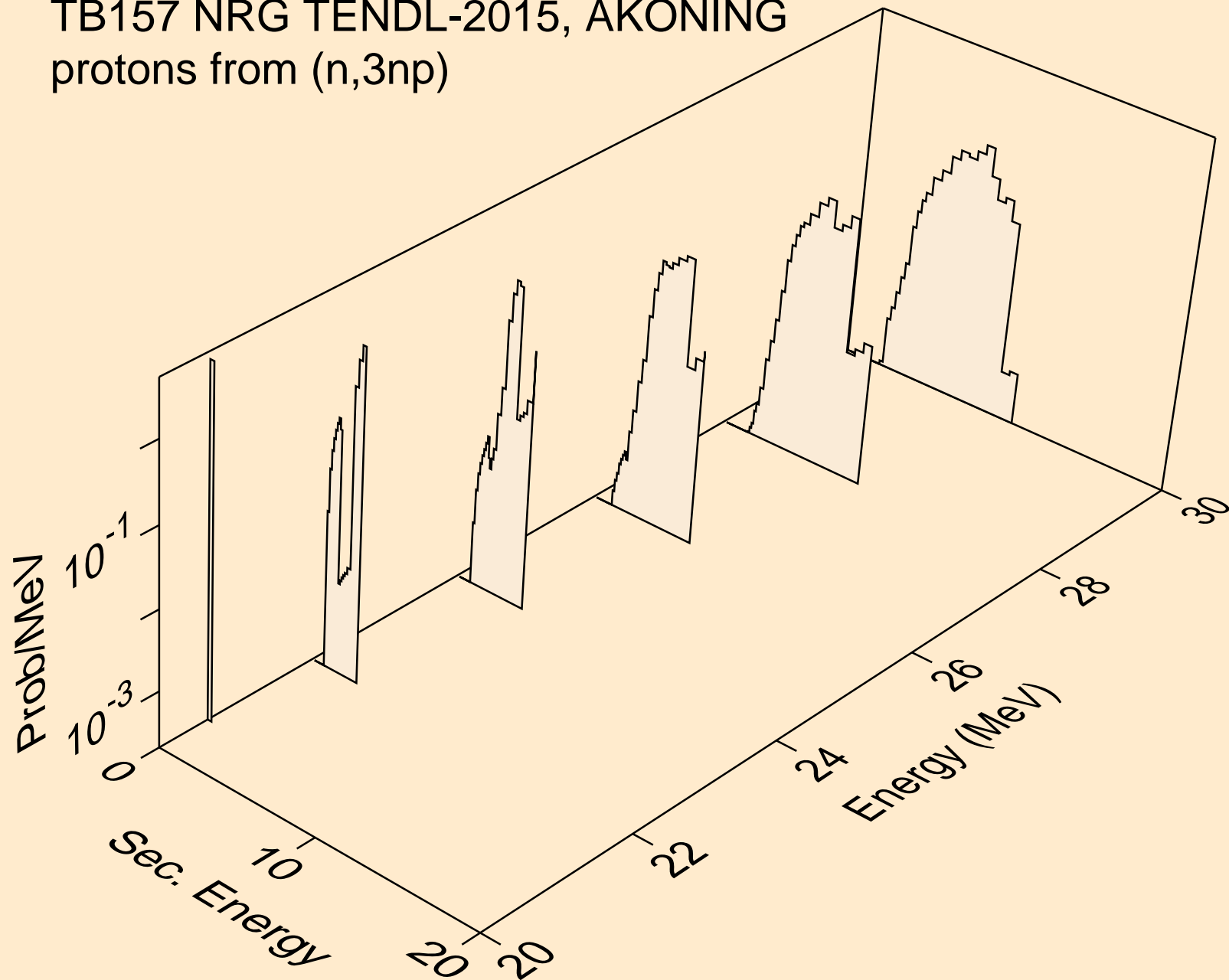
TB157 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



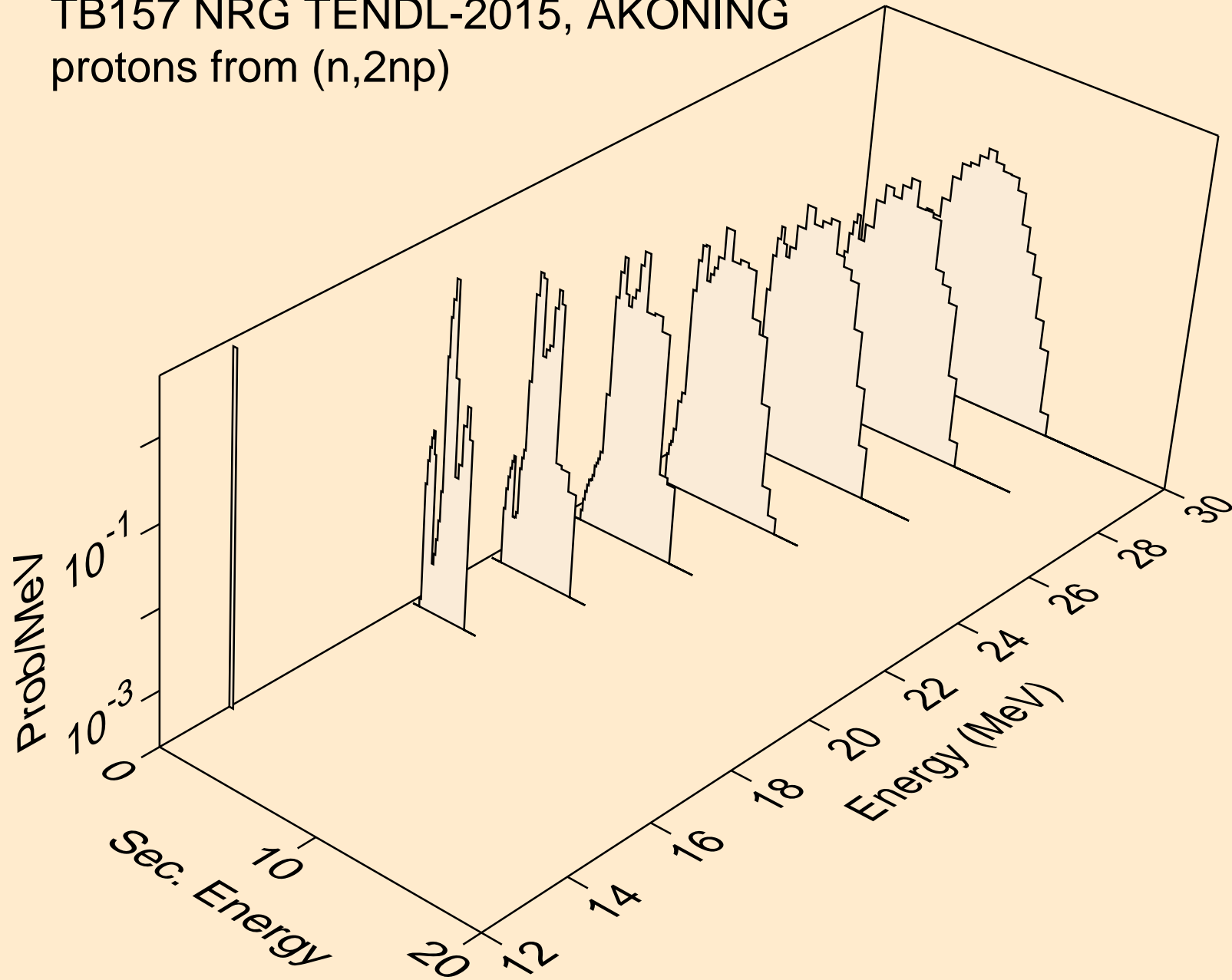
TB157 NRG TENDL-2015, AKONING  
protons from (n,2np)



TB157 NRG TENDL-2015, AKONING  
protons from (n,3np)

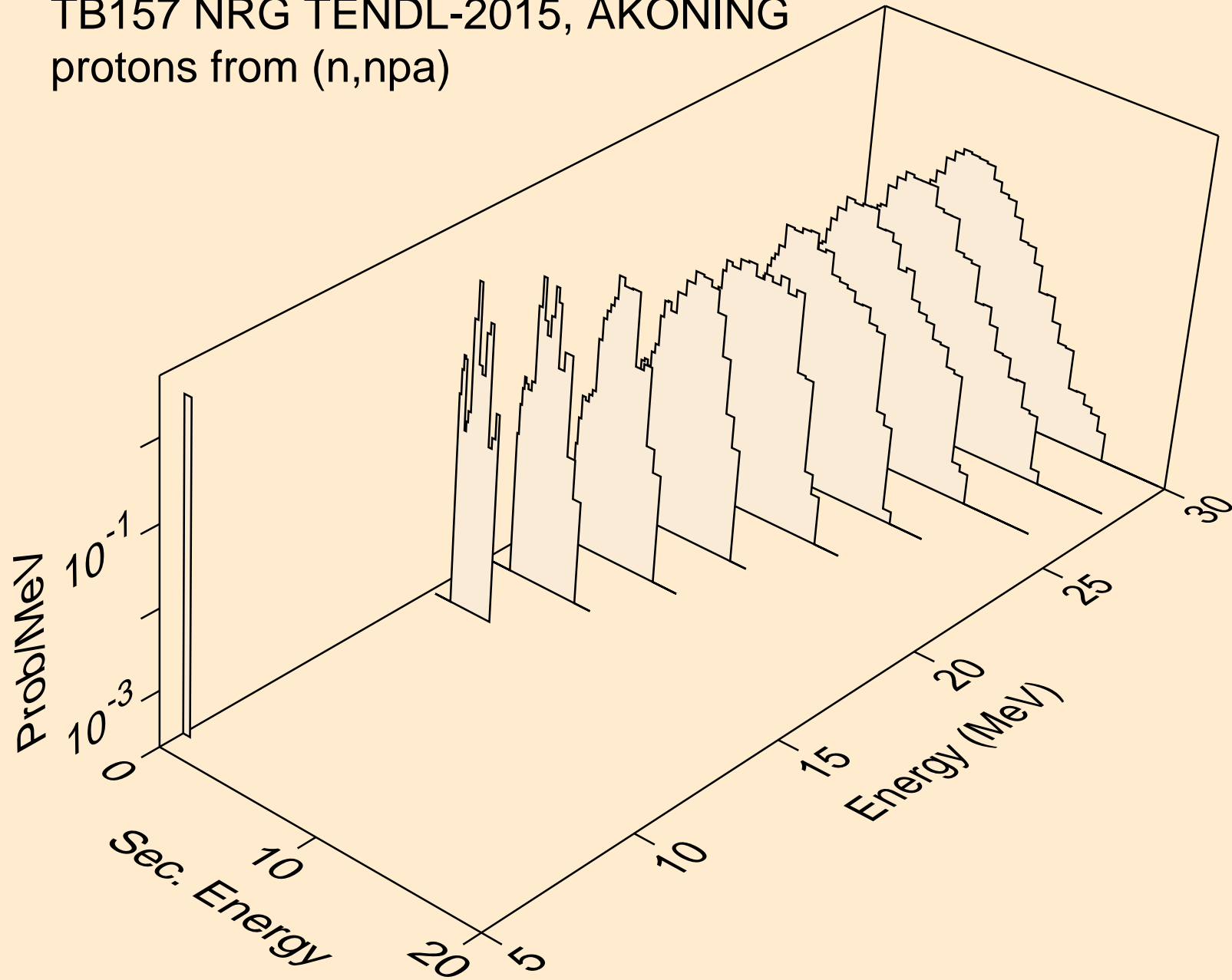


TB157 NRG TENDL-2015, AKONING  
protons from (n,2np)

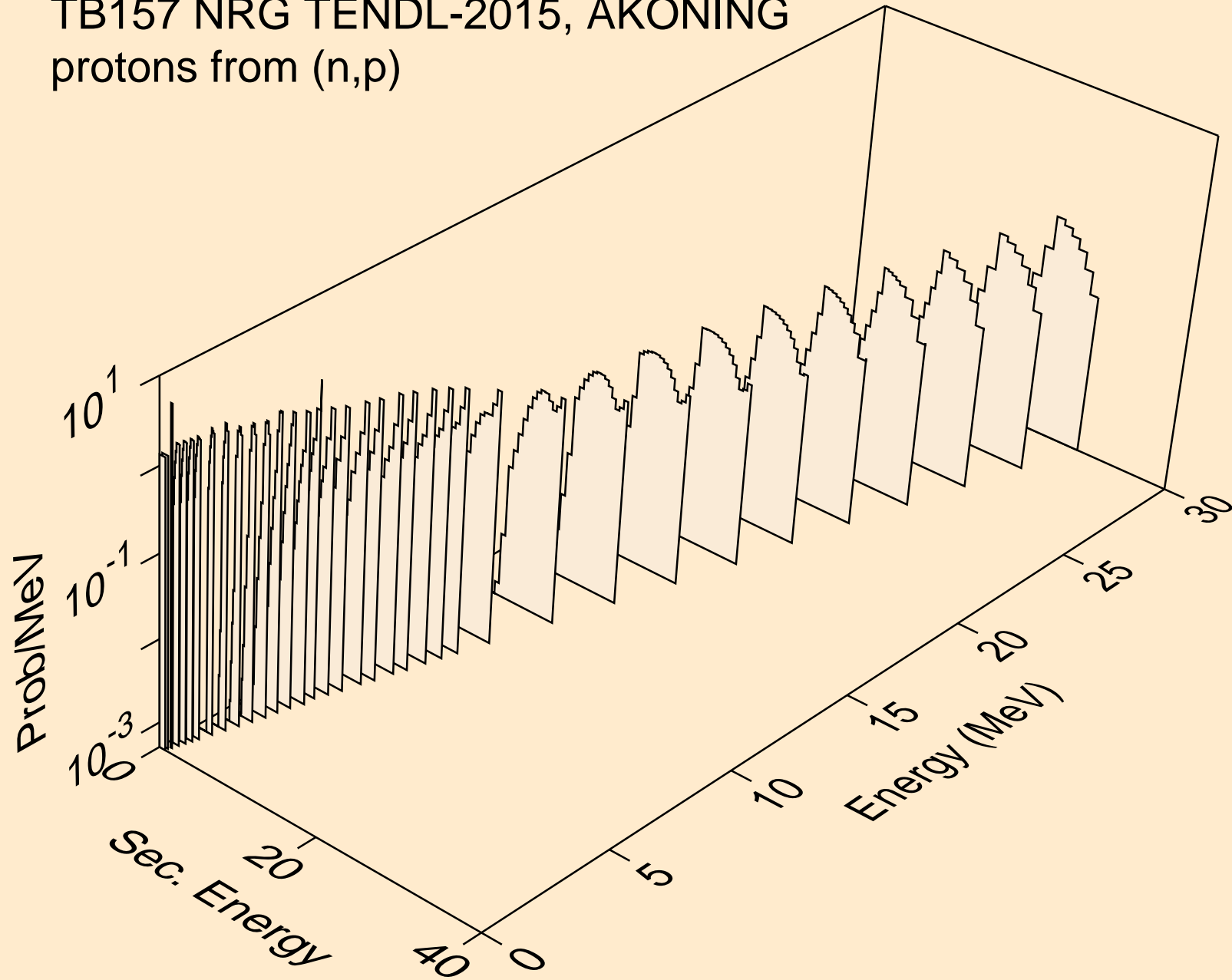




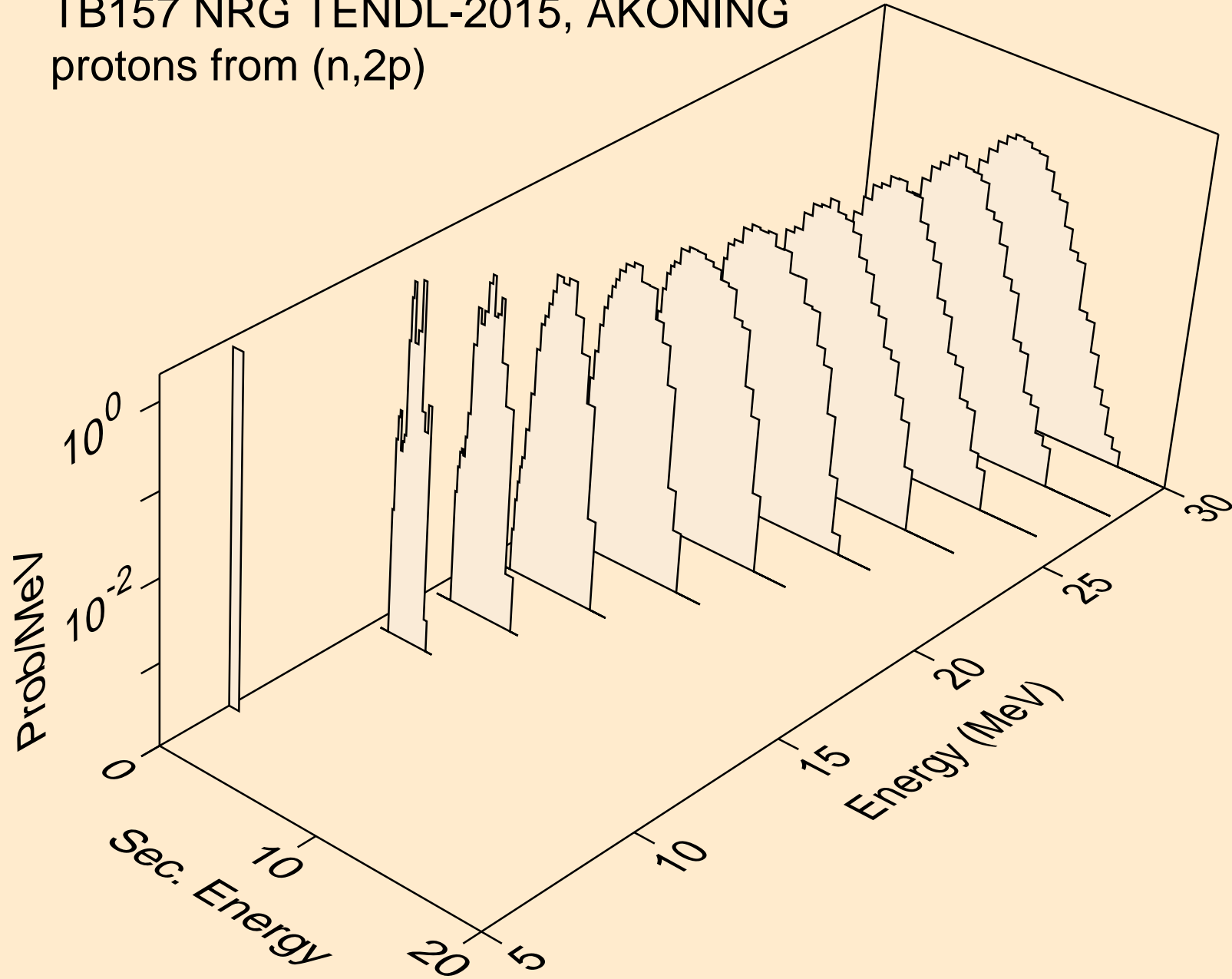
TB157 NRG TENDL-2015, AKONING  
protons from (n,npa)



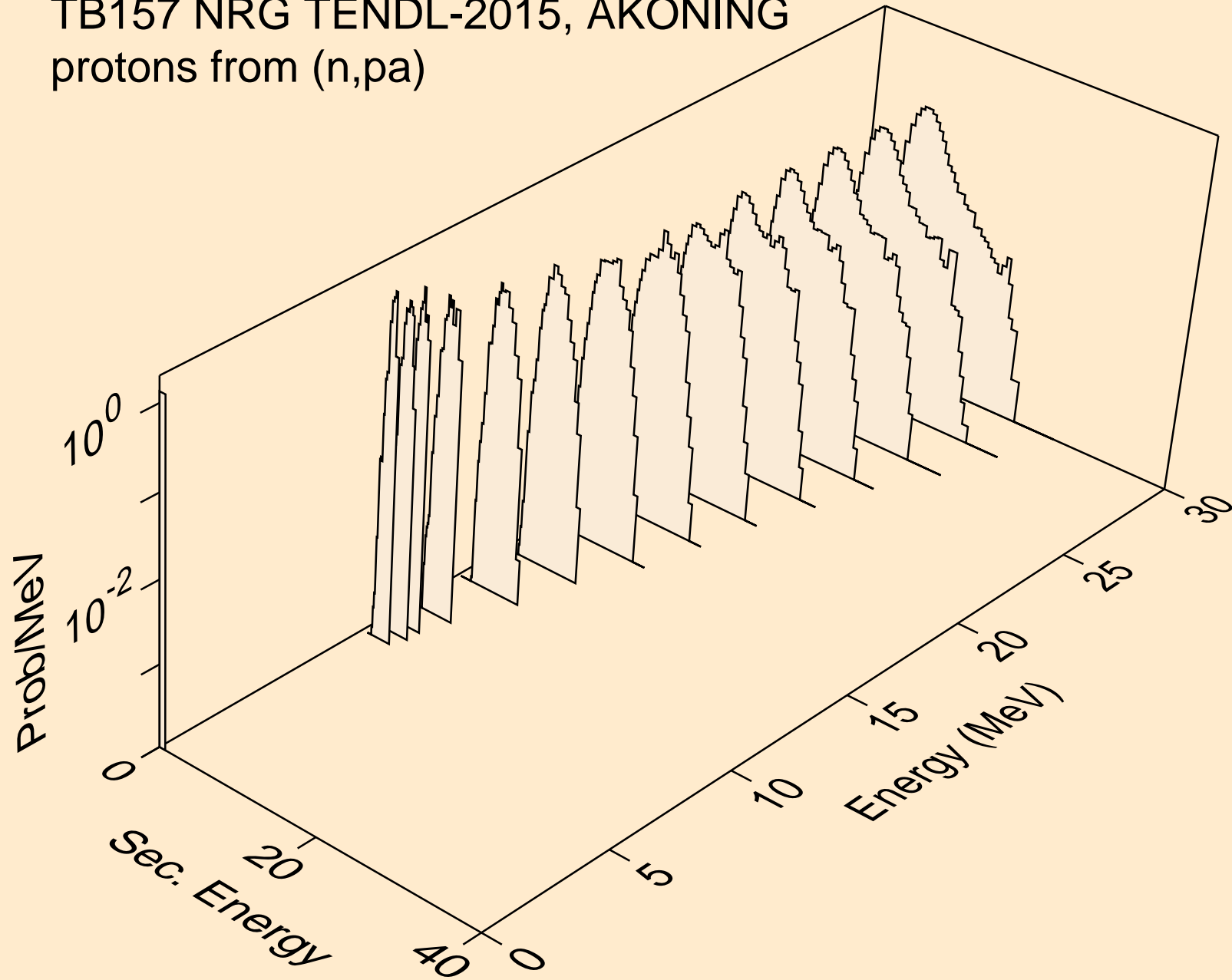
TB157 NRG TENDL-2015, AKONING  
protons from (n,p)



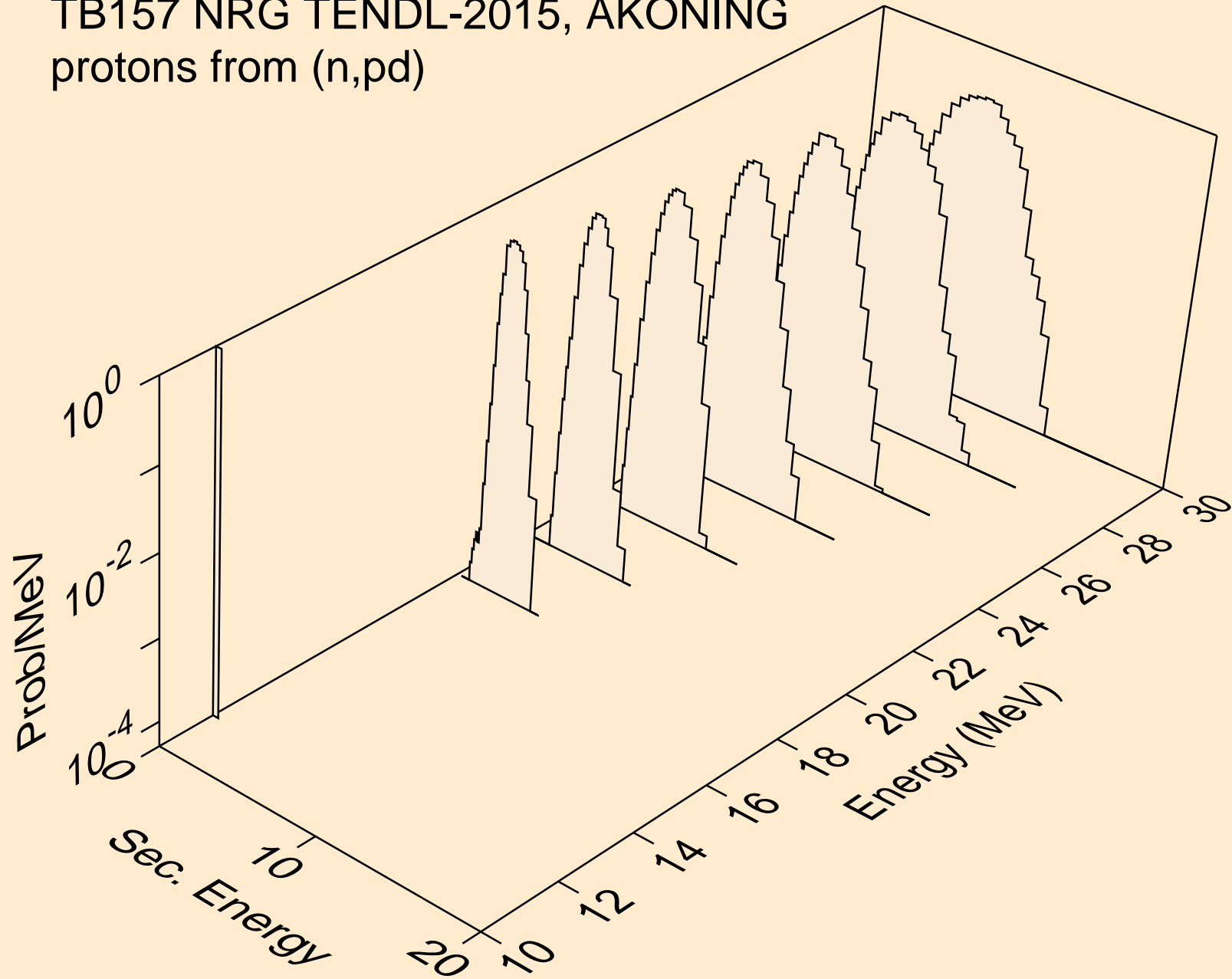
TB157 NRG TENDL-2015, AKONING  
protons from (n,2p)



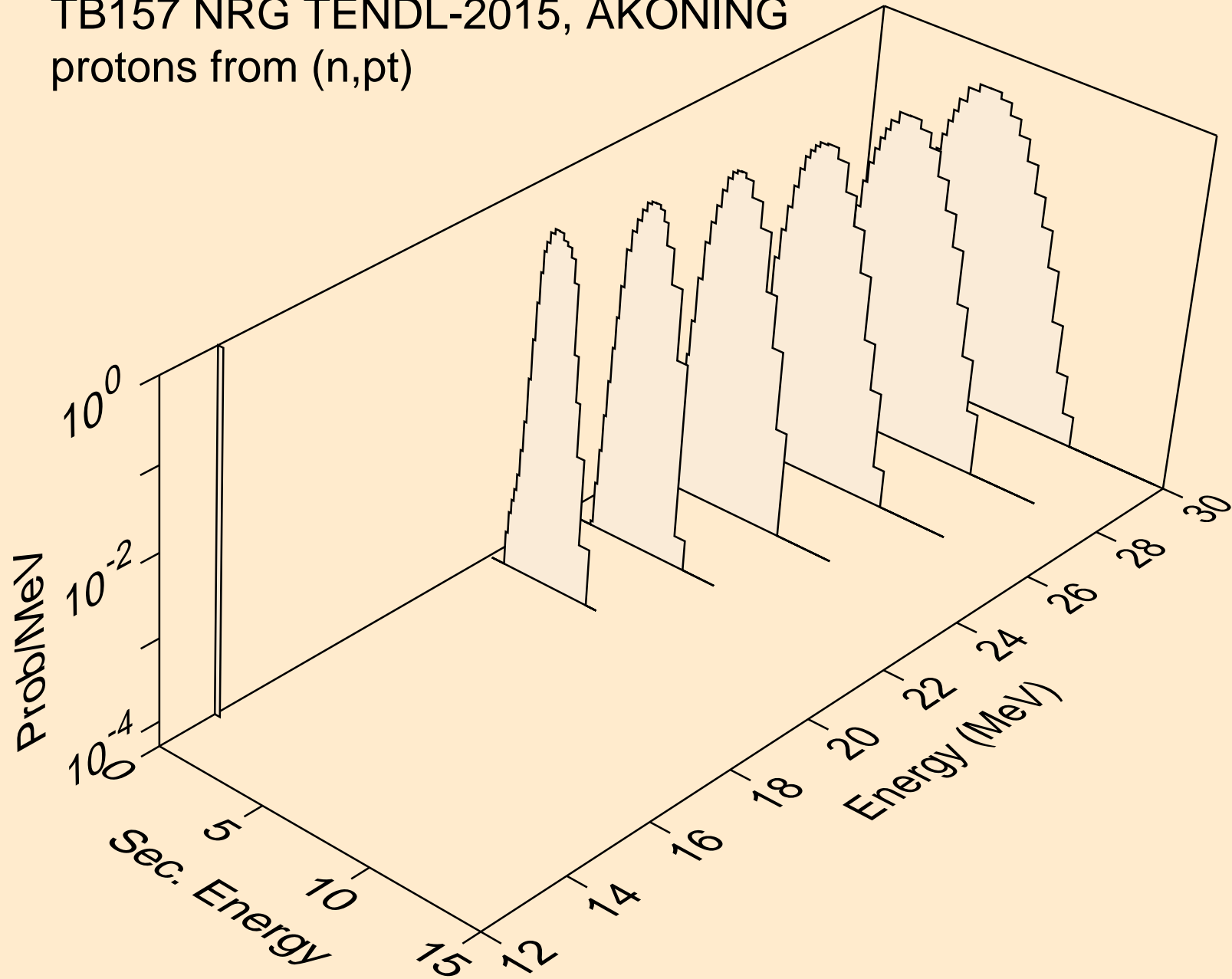
TB157 NRG TENDL-2015, AKONING  
protons from (n,pa)



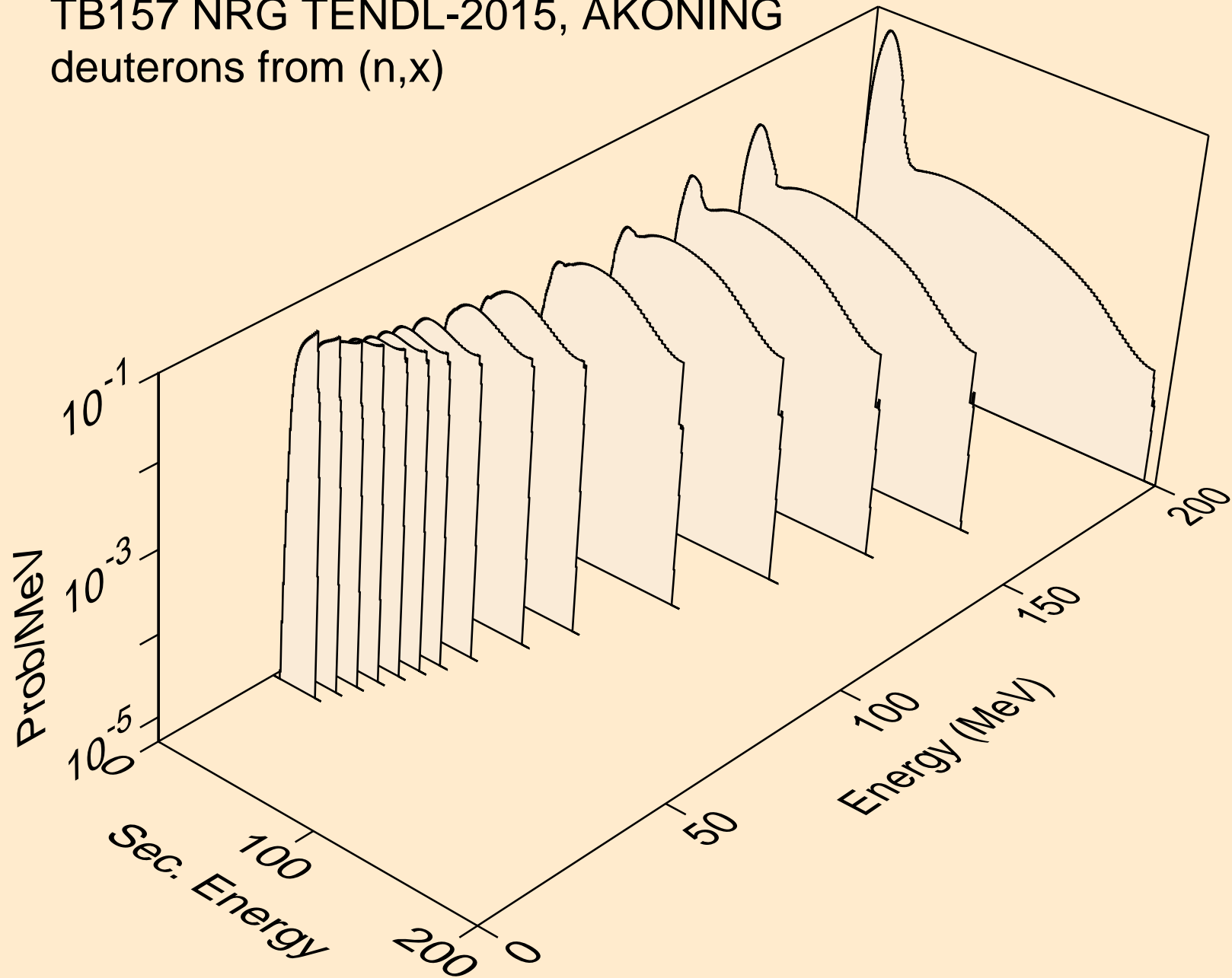
TB157 NRG TENDL-2015, AKONING  
protons from (n,pd)



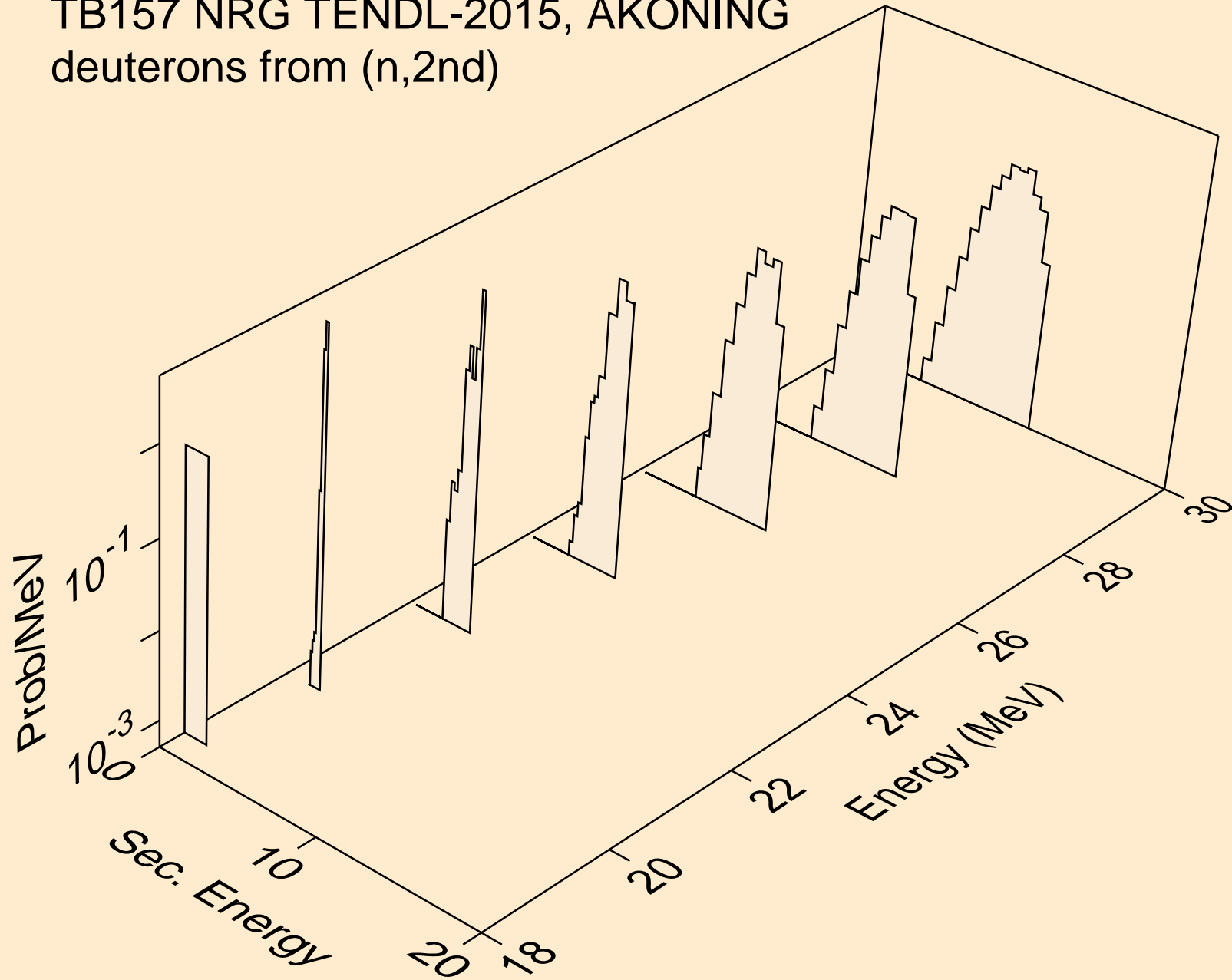
TB157 NRG TENDL-2015, AKONING  
protons from (n,pt)



TB157 NRG TENDL-2015, AKONING  
deuterons from (n,x)

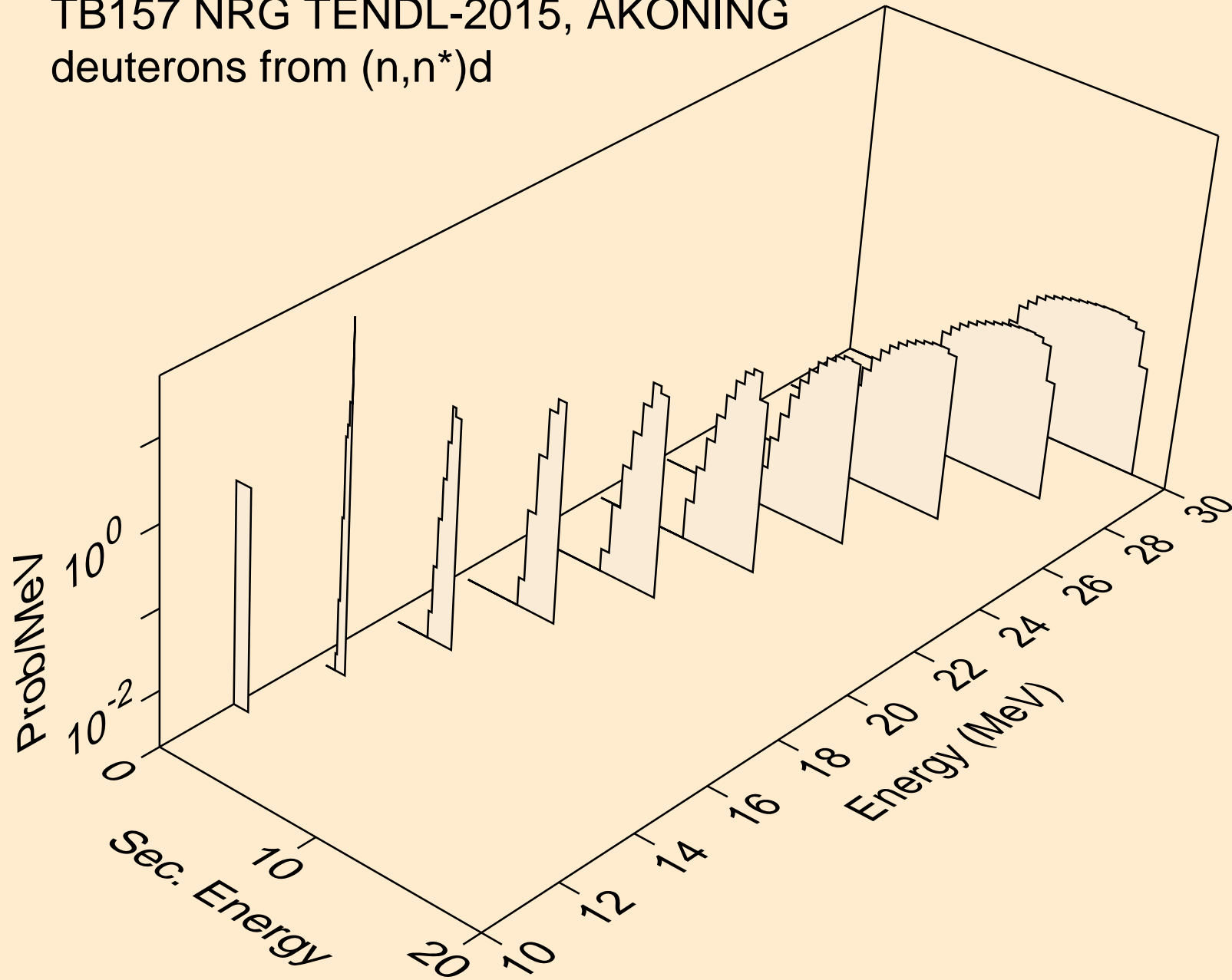


TB157 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)

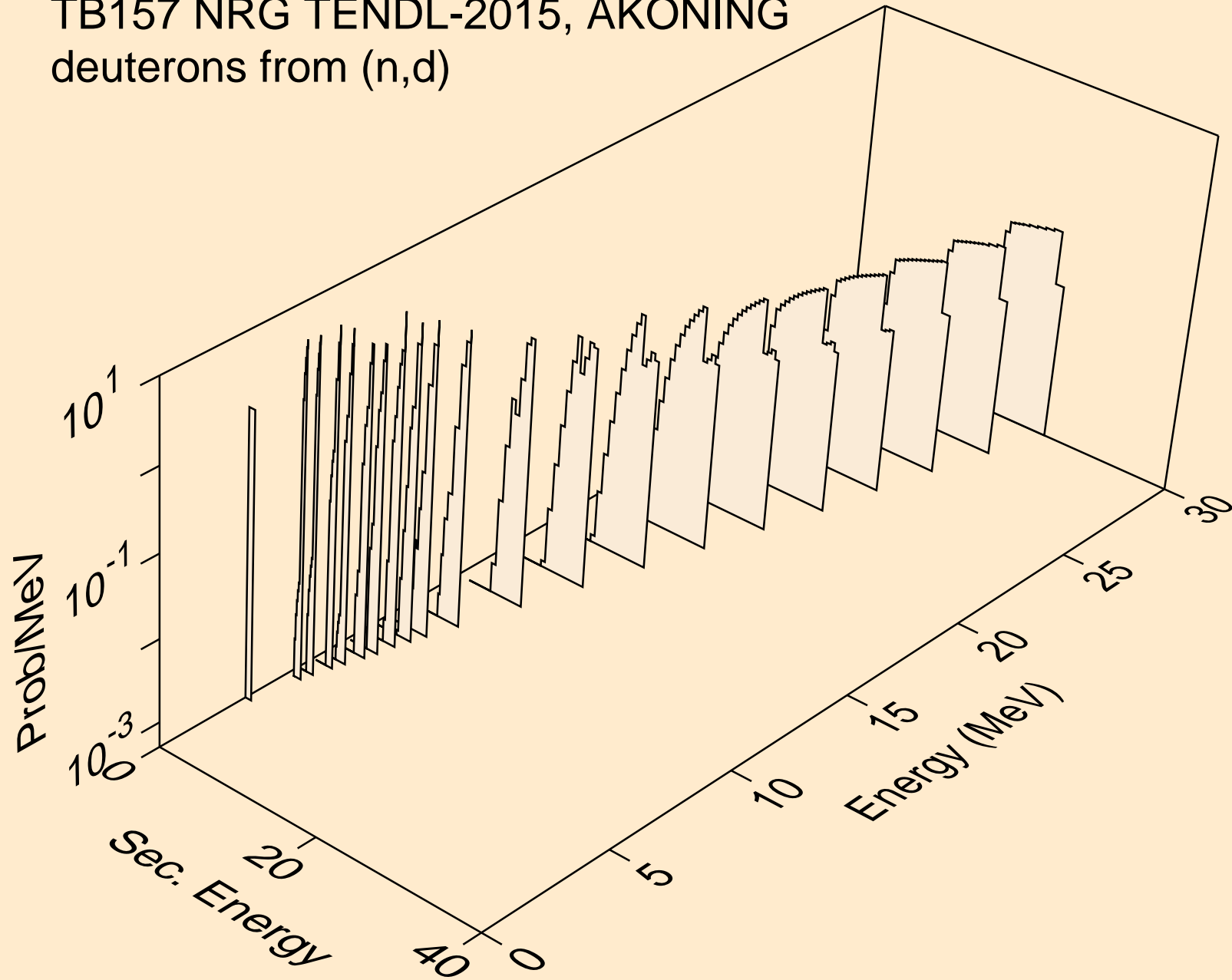




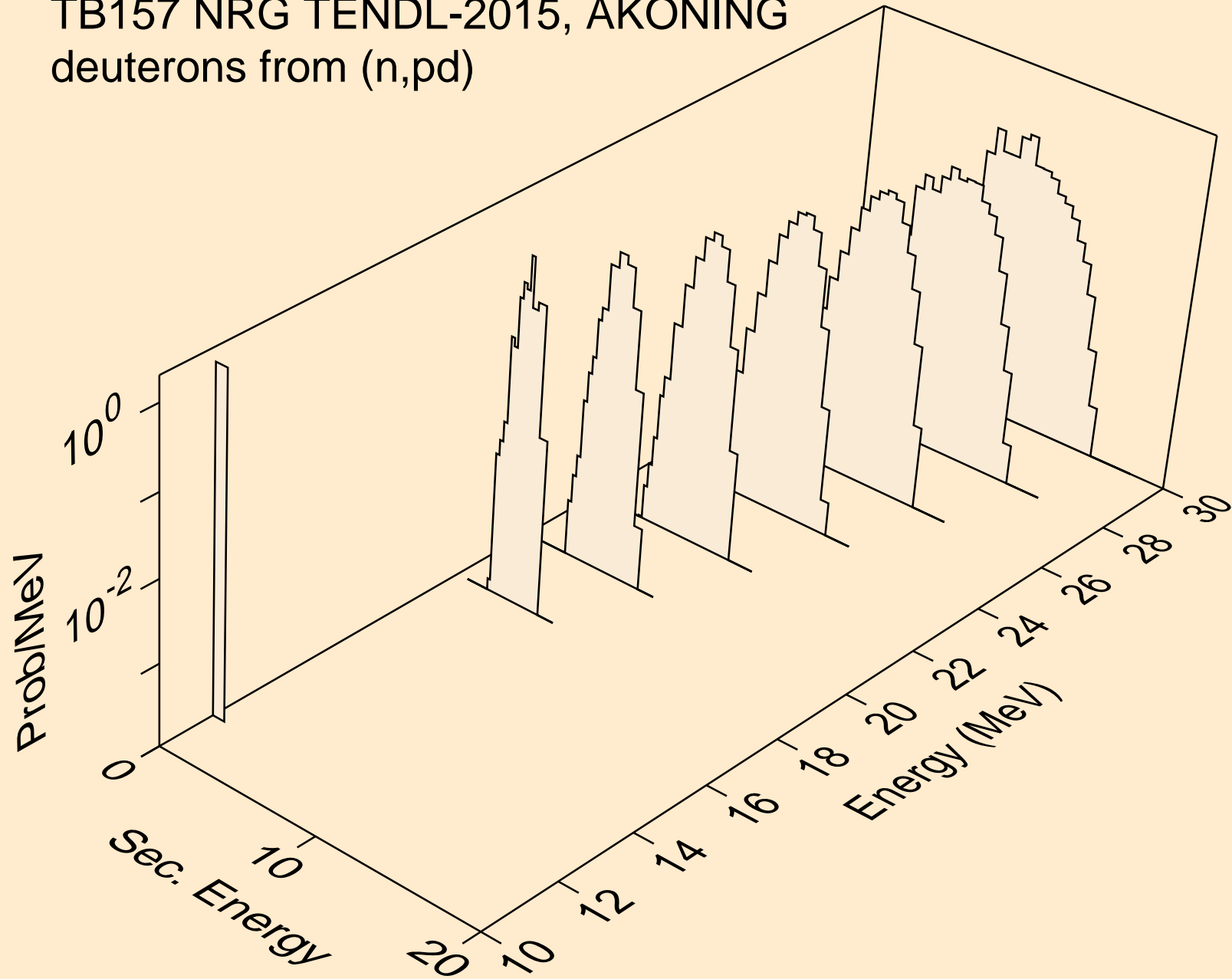
TB157 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



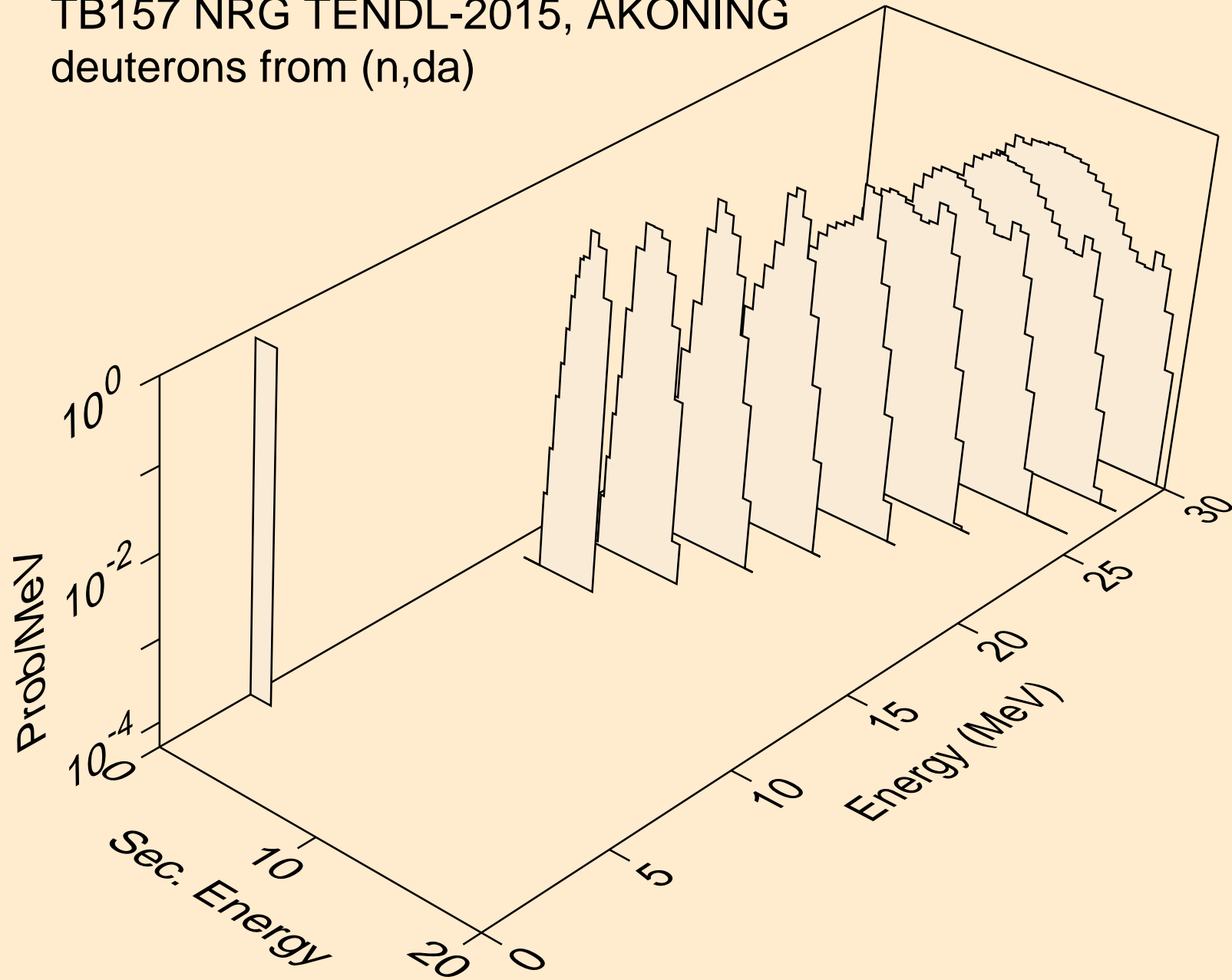
TB157 NRG TENDL-2015, AKONING  
deuterons from (n,d)



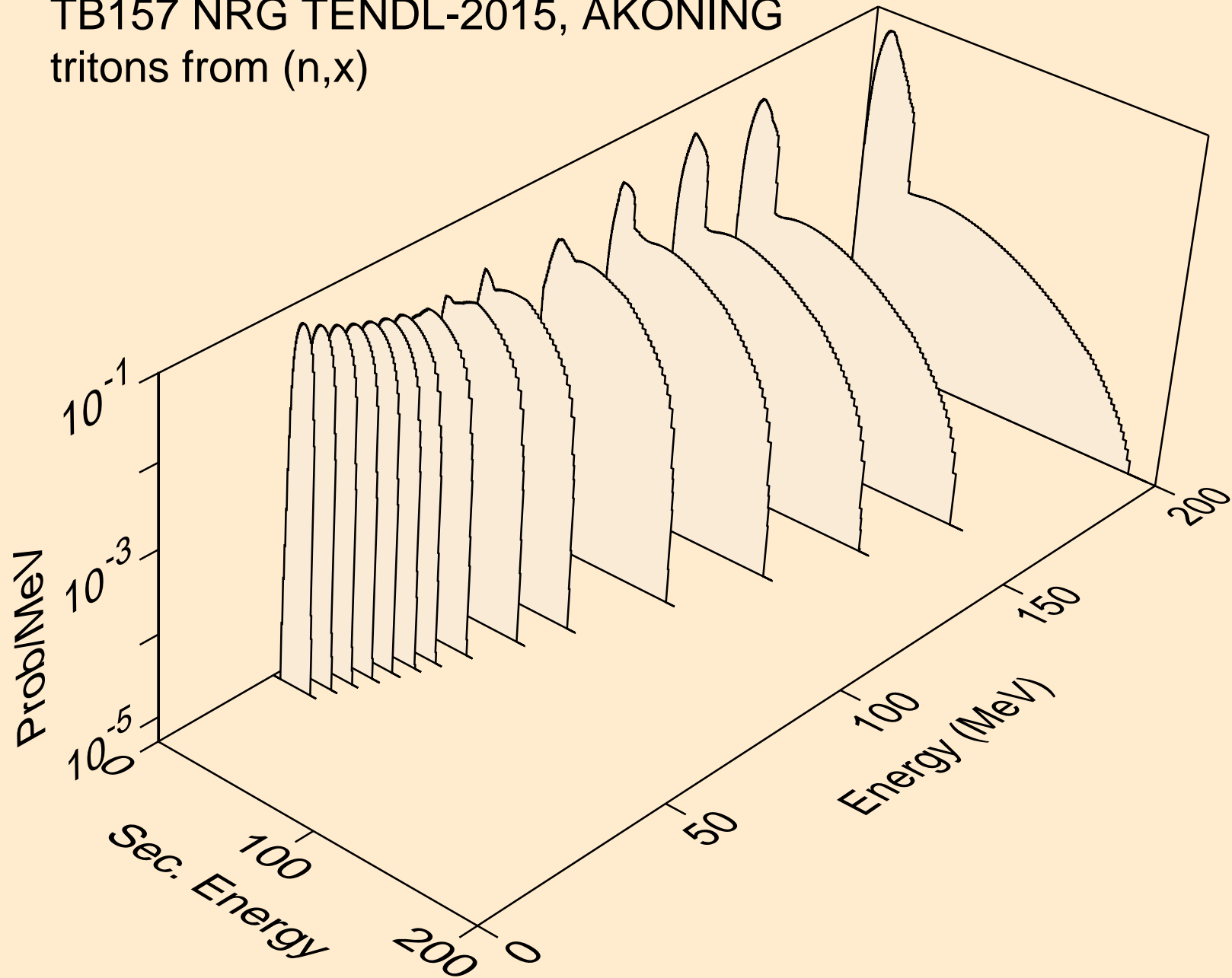
TB157 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



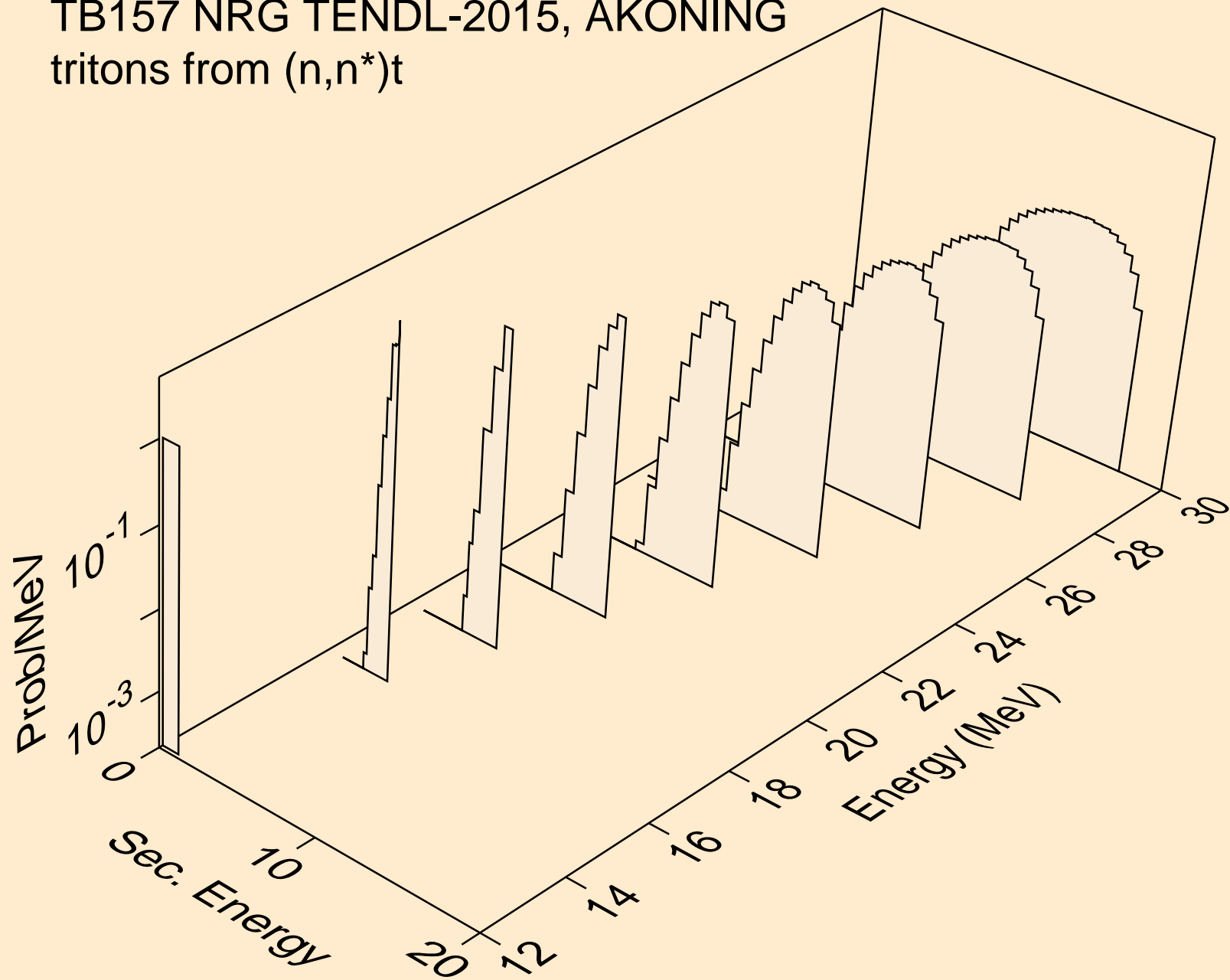
TB157 NRG TENDL-2015, AKONING  
deuterons from (n,da)



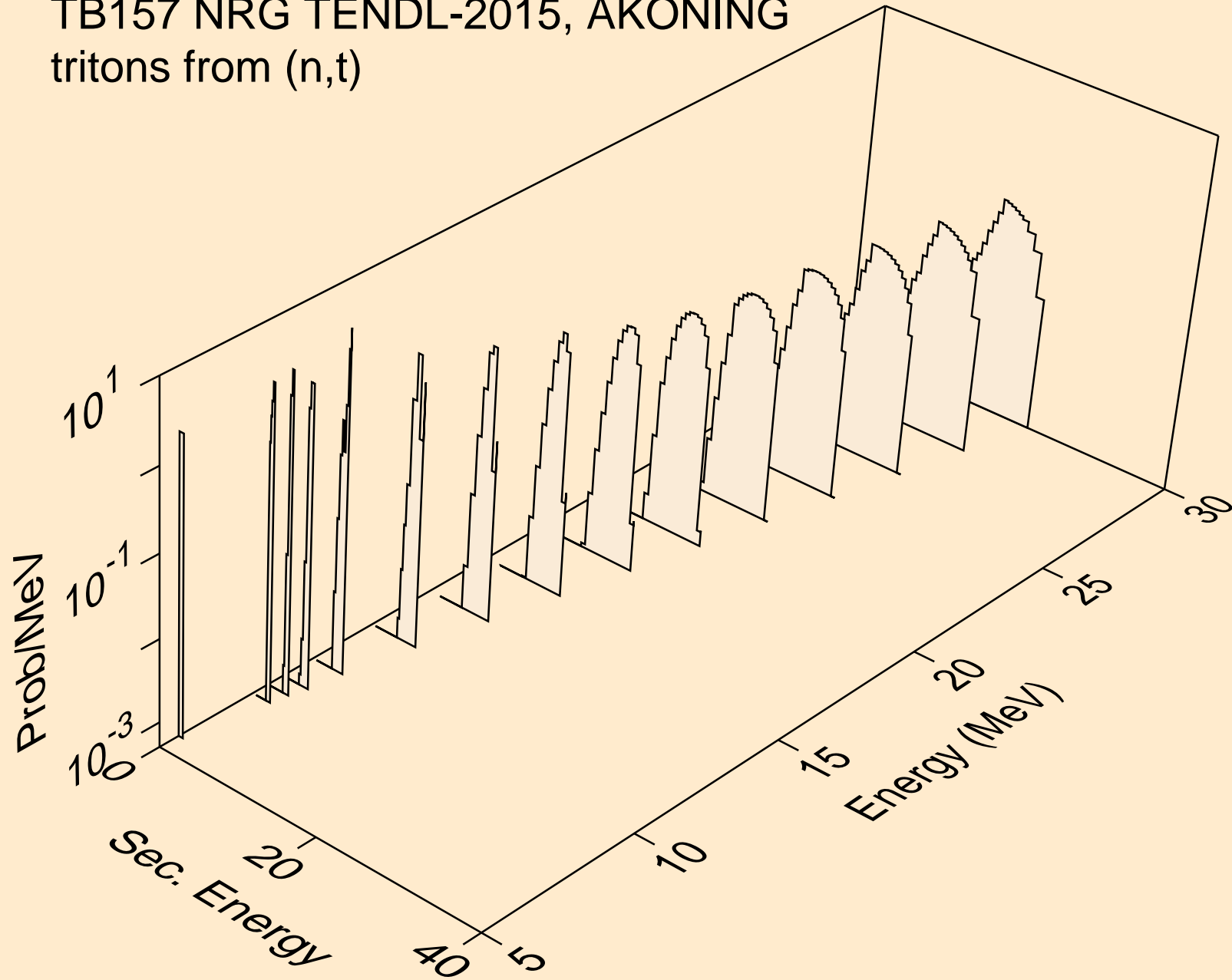
TB157 NRG TENDL-2015, AKONING  
tritons from (n,x)



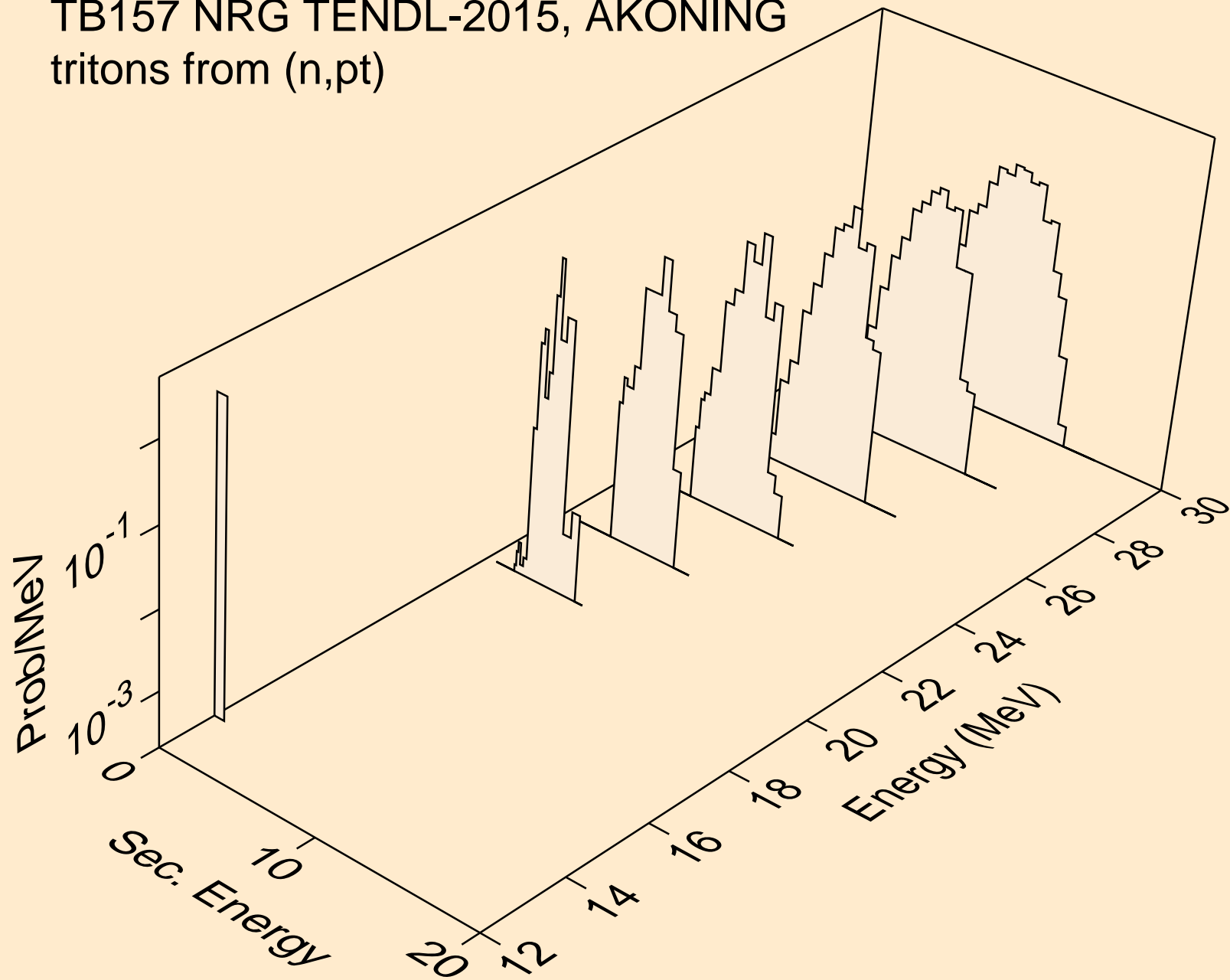
TB157 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



TB157 NRG TENDL-2015, AKONING  
tritons from (n,t)

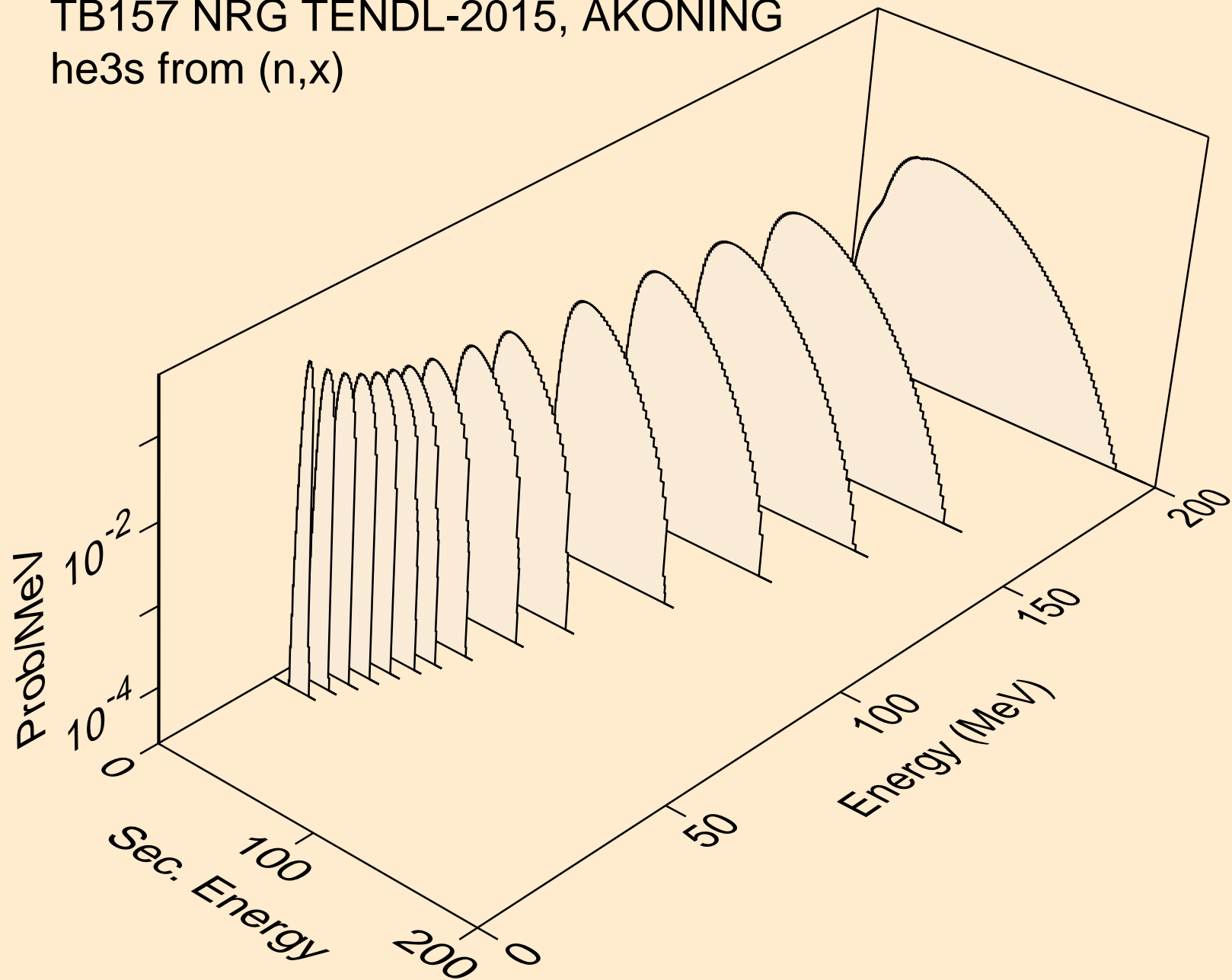


TB157 NRG TENDL-2015, AKONING  
tritons from (n,pt)

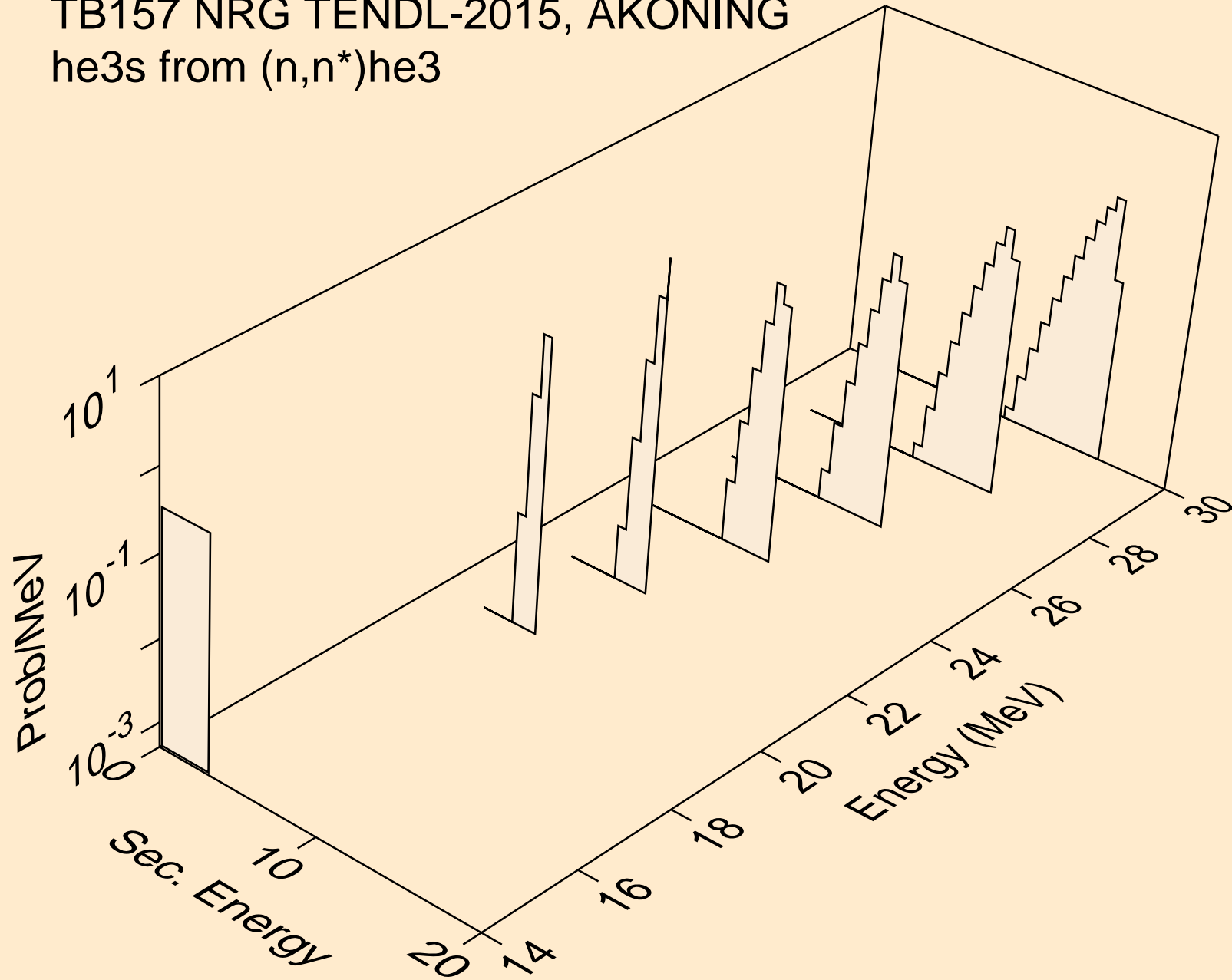




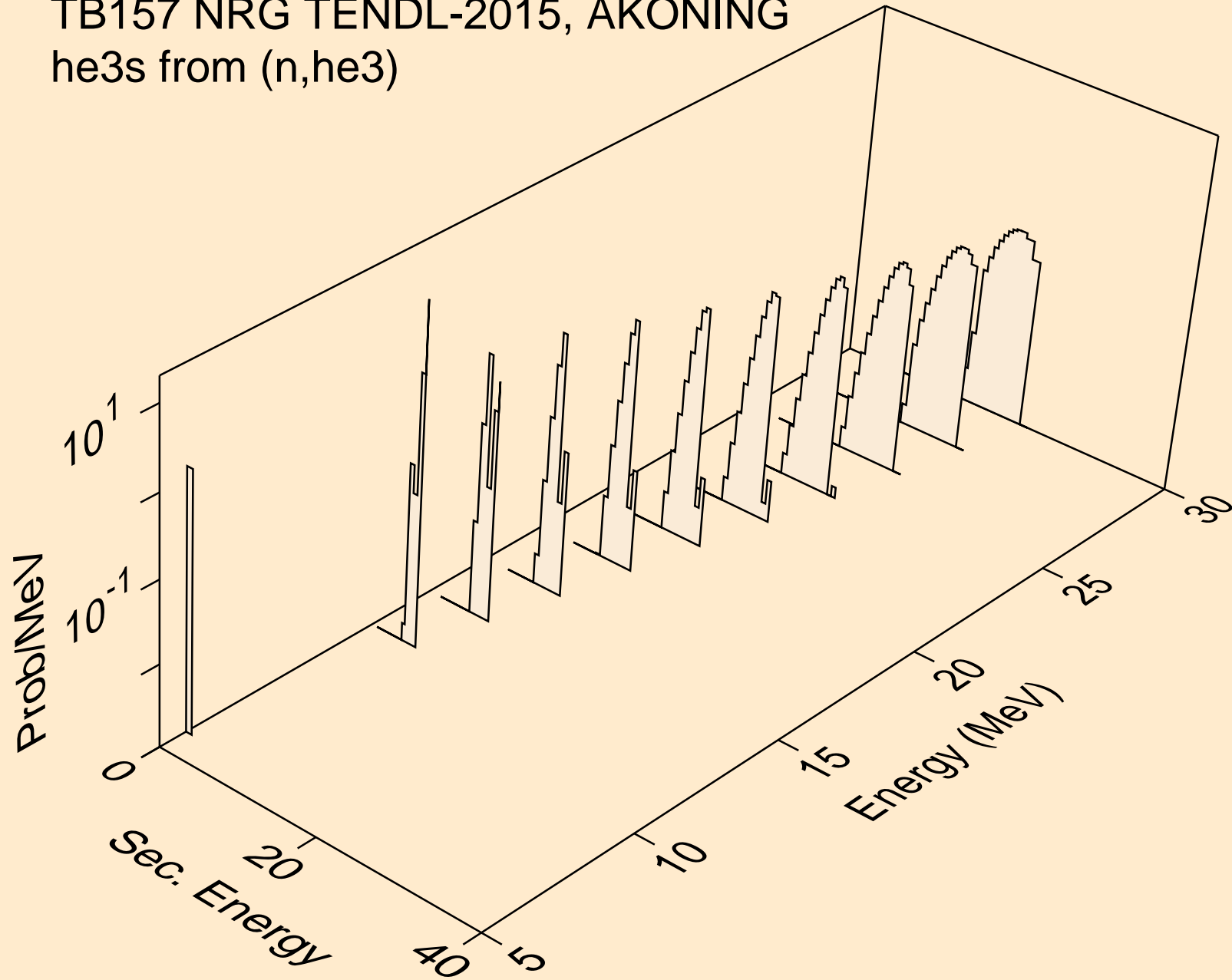
TB157 NRG TENDL-2015, AKONING  
he3s from (n,x)



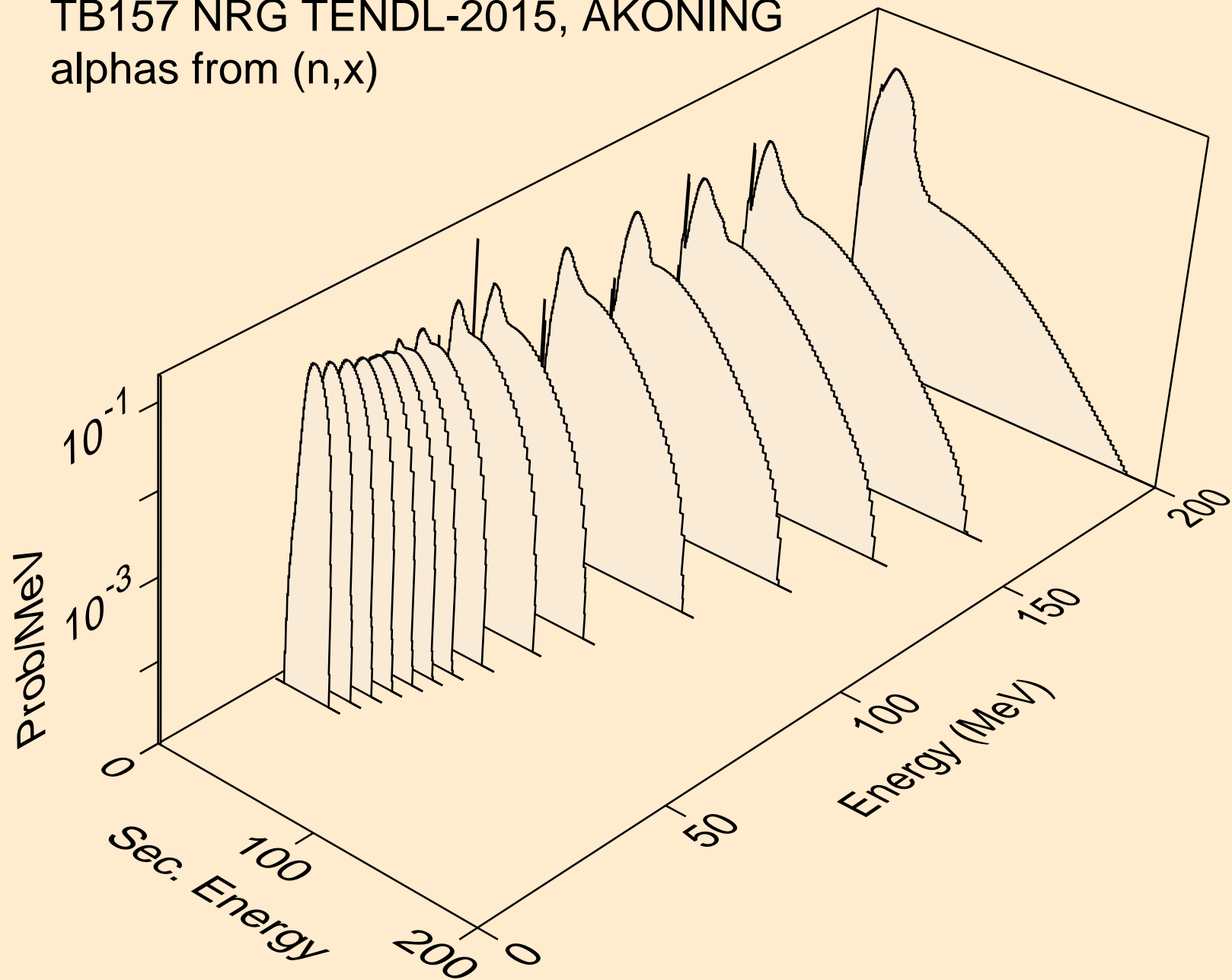
TB157 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



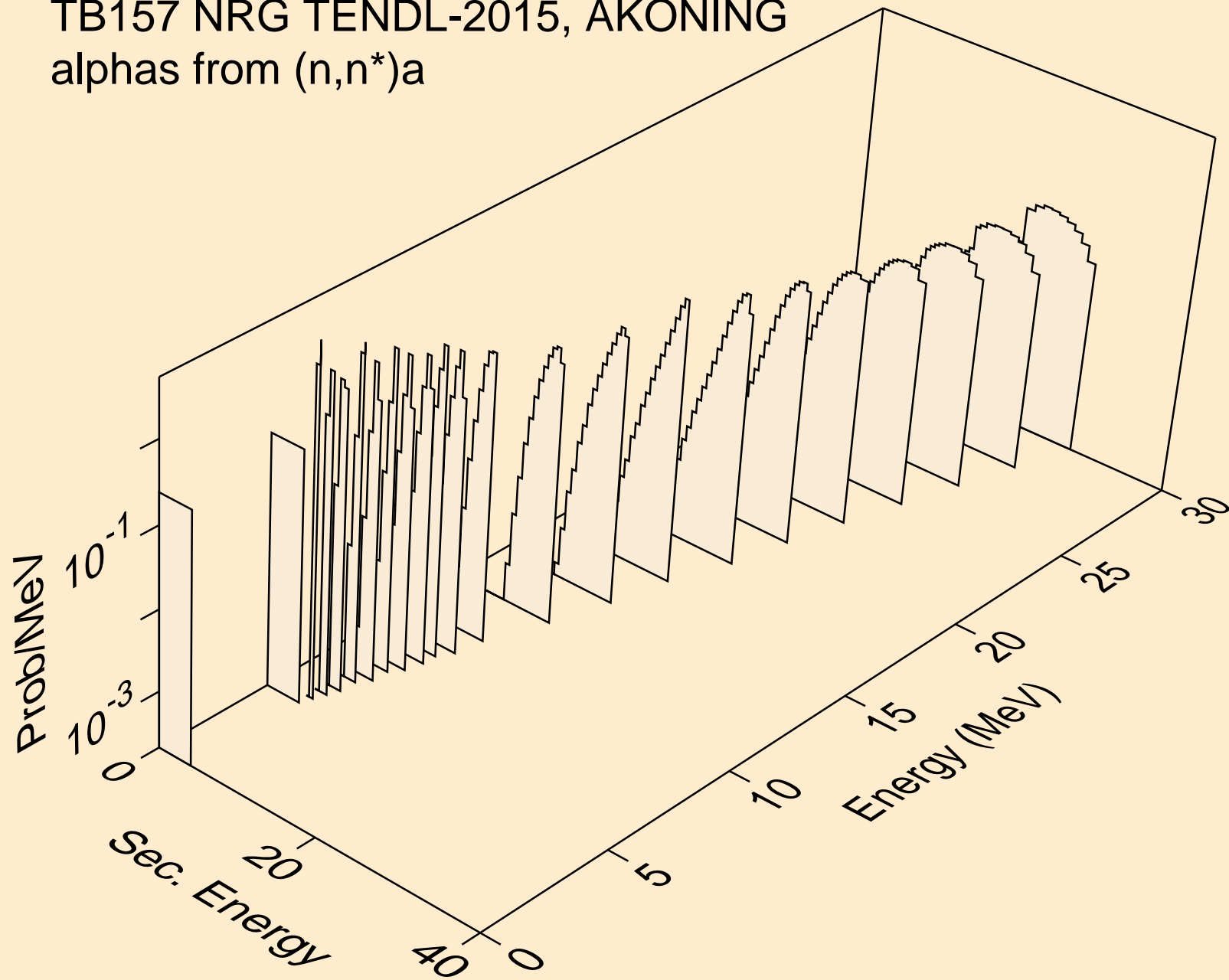
TB157 NRG TENDL-2015, AKONING  
he3s from (n,he3)



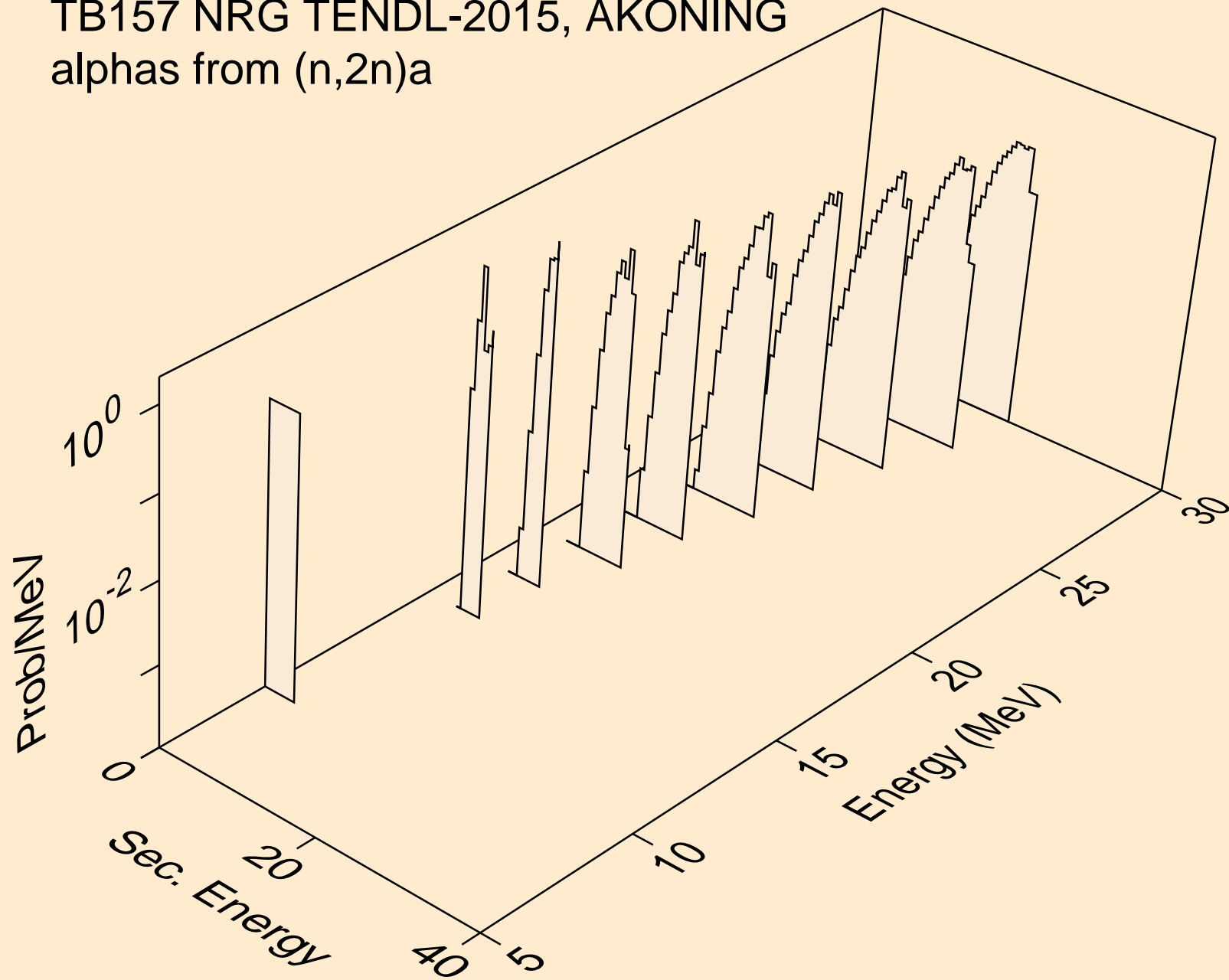
TB157 NRG TENDL-2015, AKONING  
alphas from (n,x)



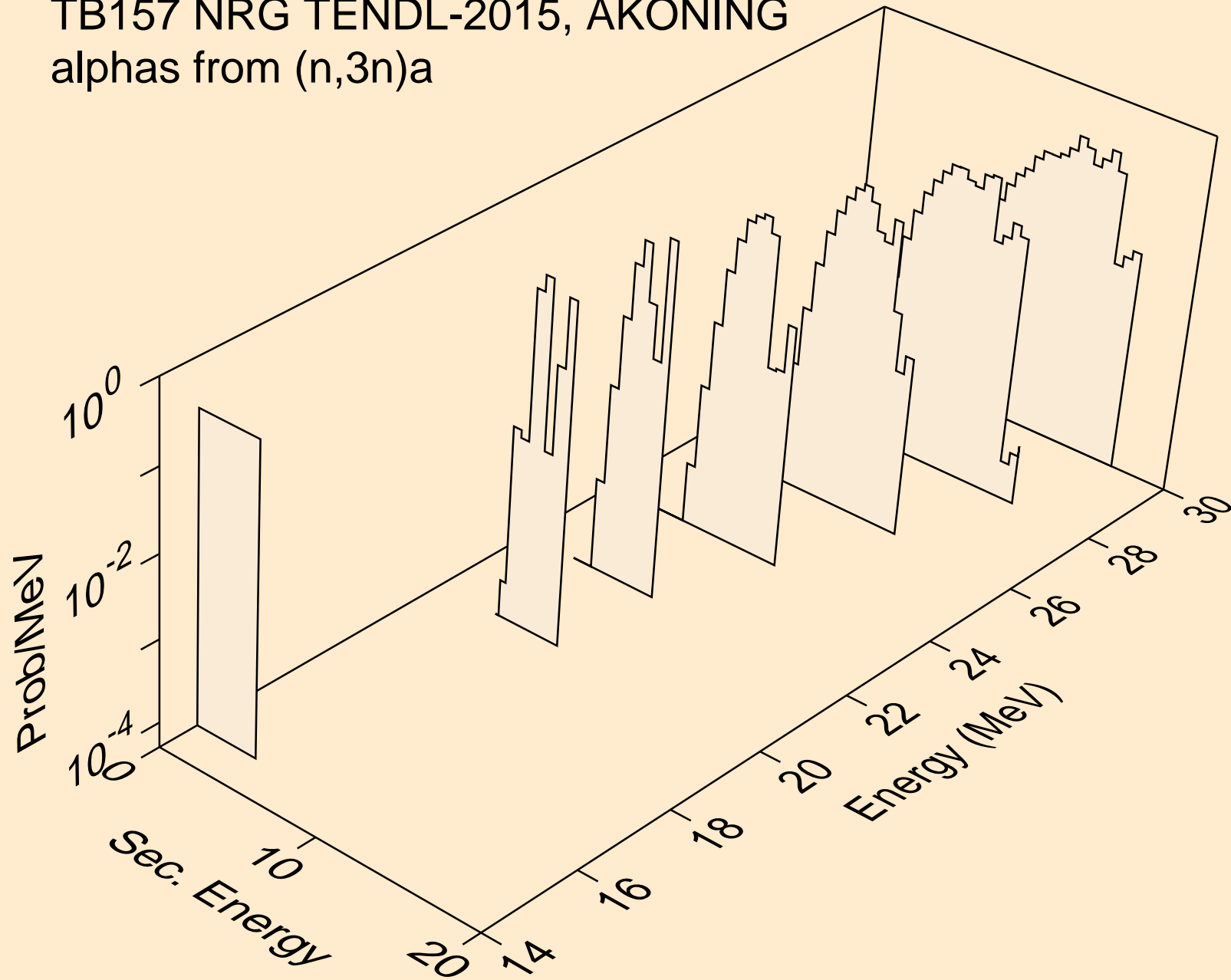
TB157 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



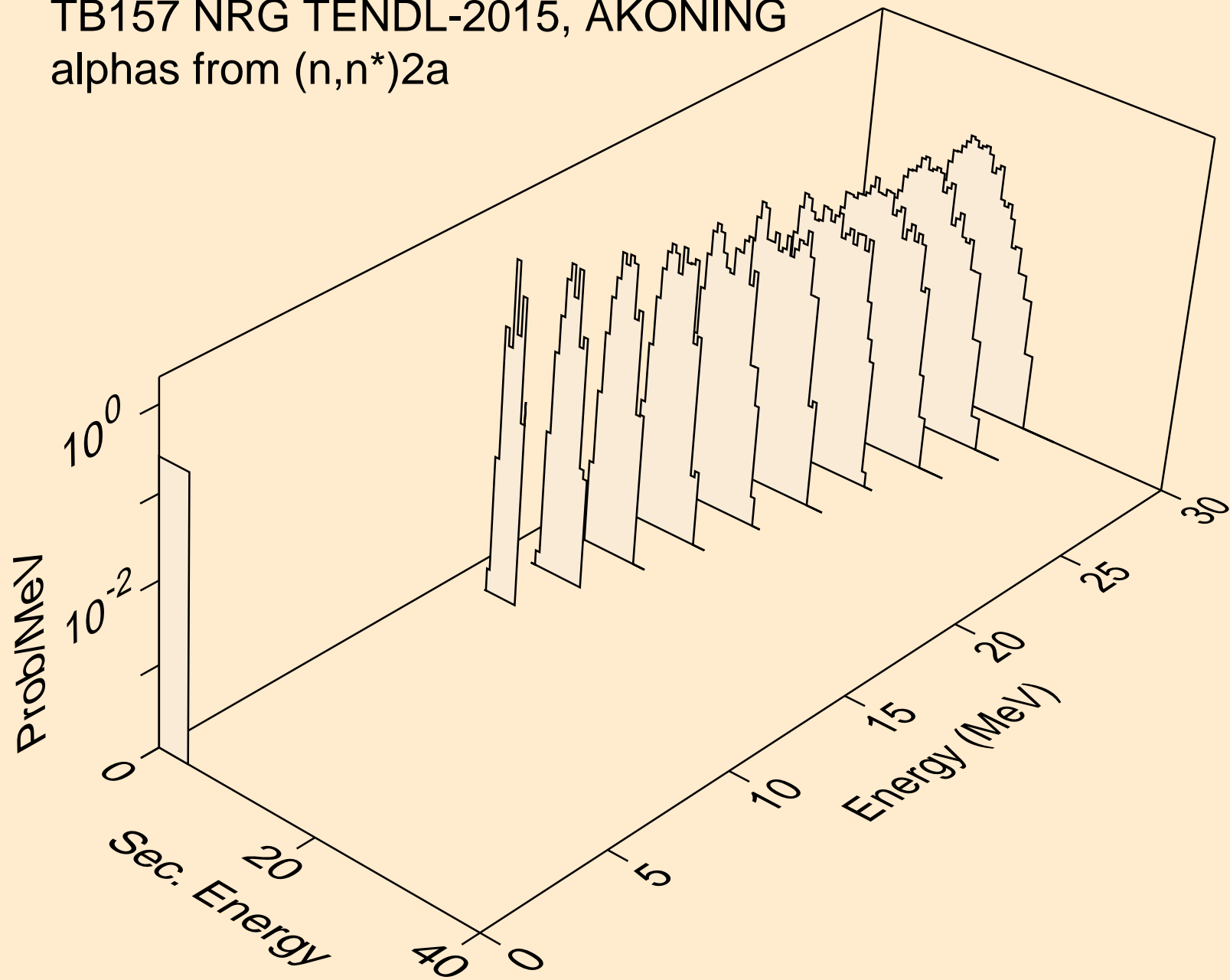
TB157 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



TB157 NRG TENDL-2015, AKONING  
alphas from (n,3n)a

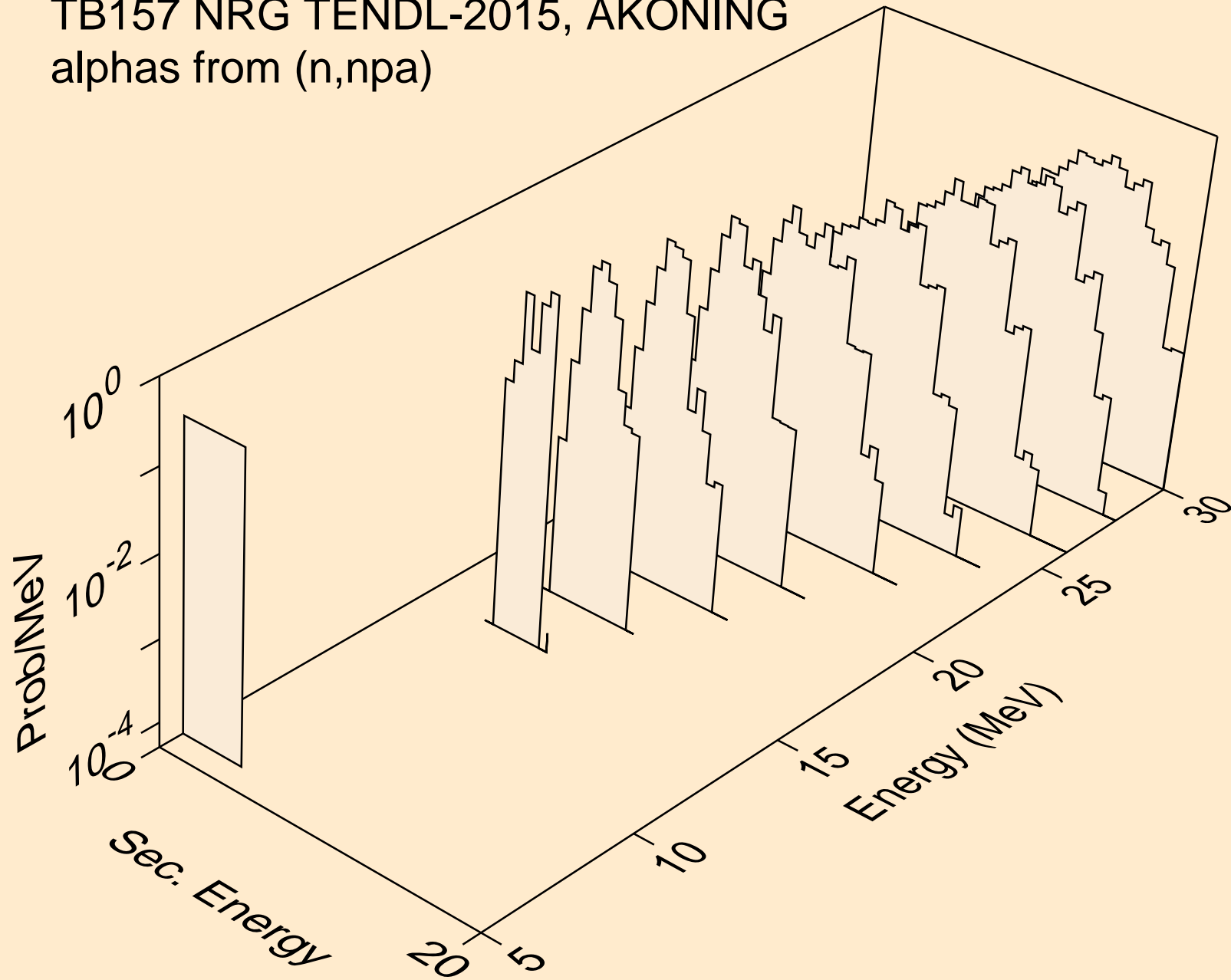


TB157 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a

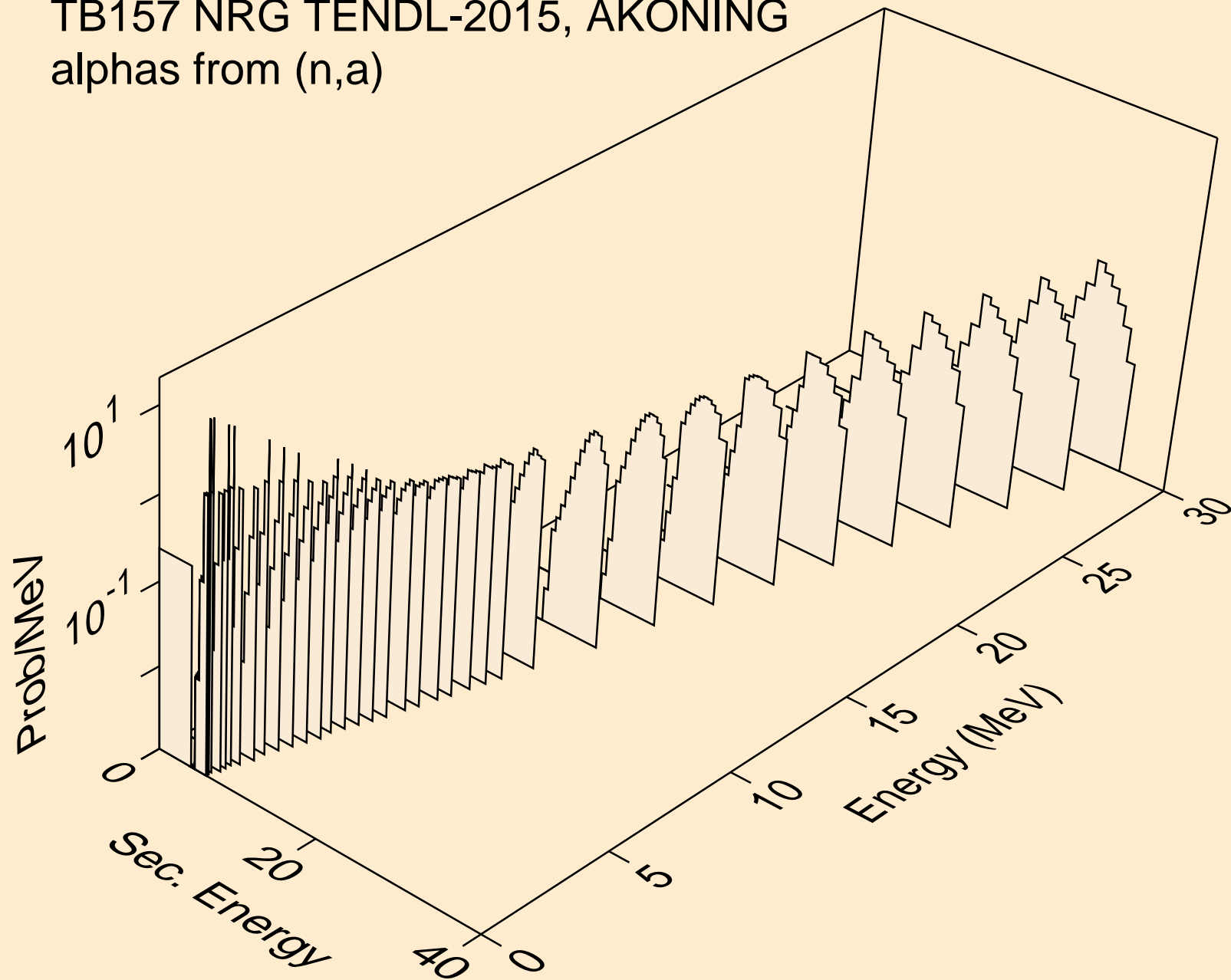




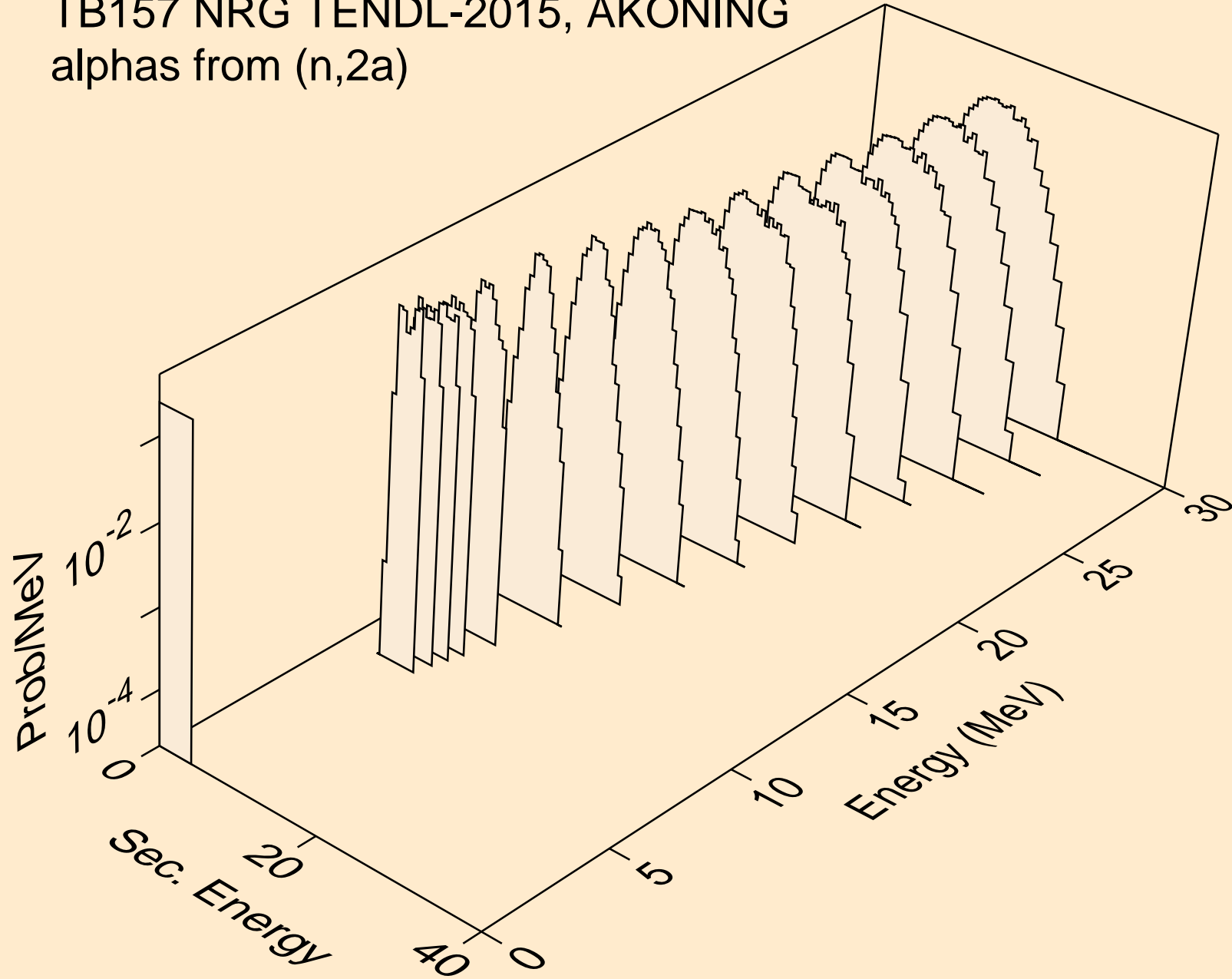
TB157 NRG TENDL-2015, AKONING  
alphas from (n,npa)



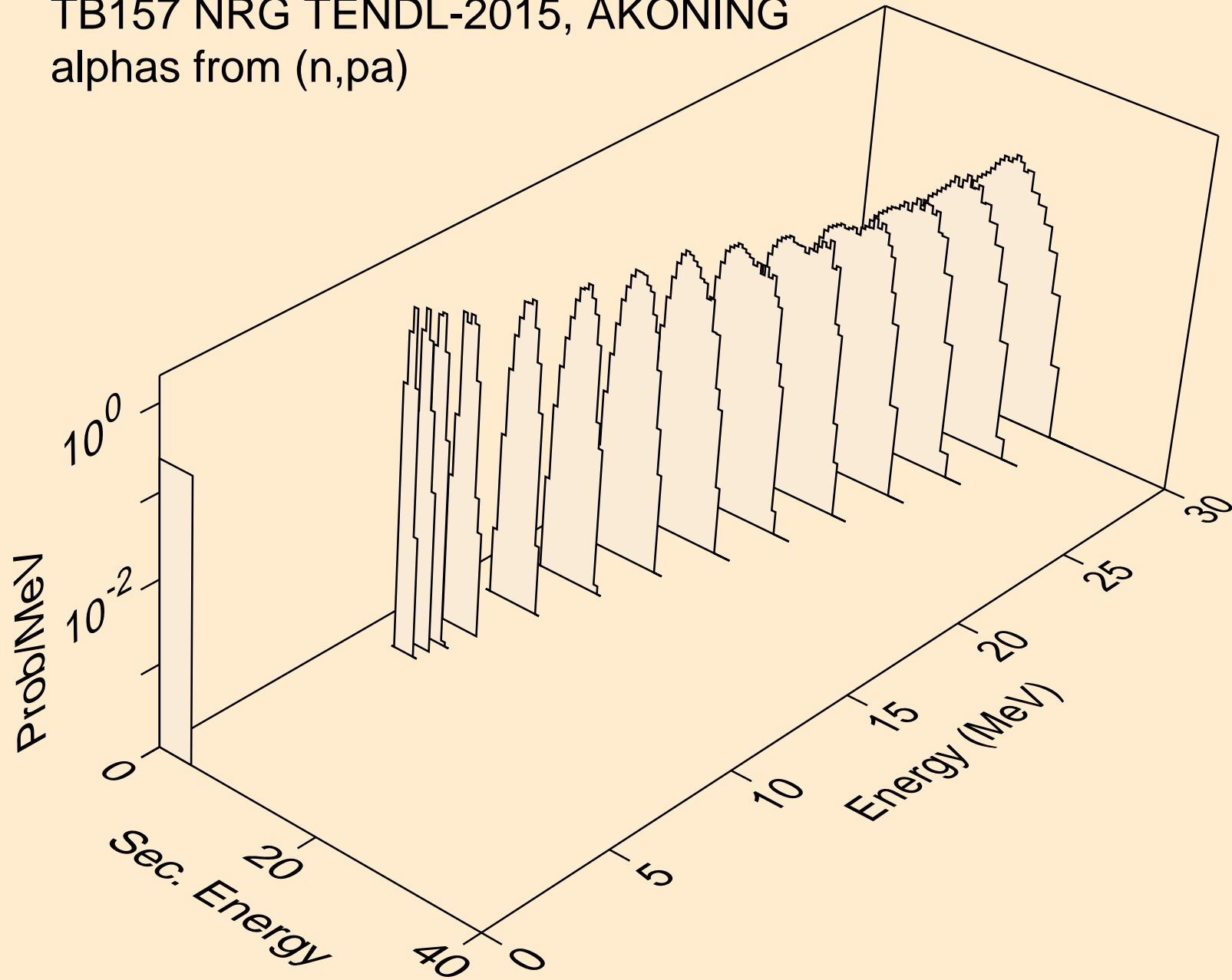
TB157 NRG TENDL-2015, AKONING  
alphas from (n,a)



TB157 NRG TENDL-2015, AKONING  
alphas from (n,2a)



TB157 NRG TENDL-2015, AKONING  
alphas from (n,pa)



TB157 NRG TENDL-2015, AKONING  
alphas from (n,da)

