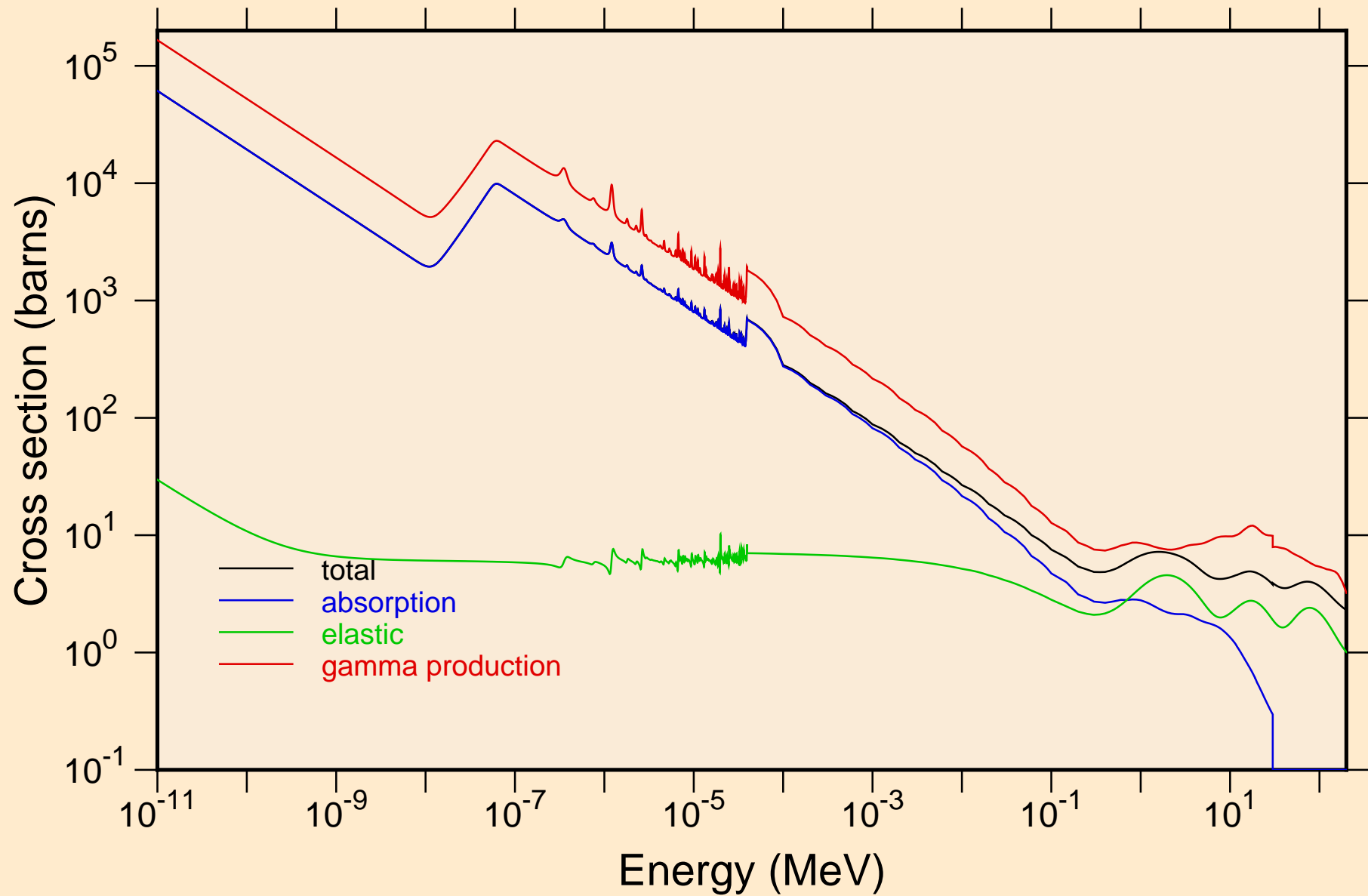
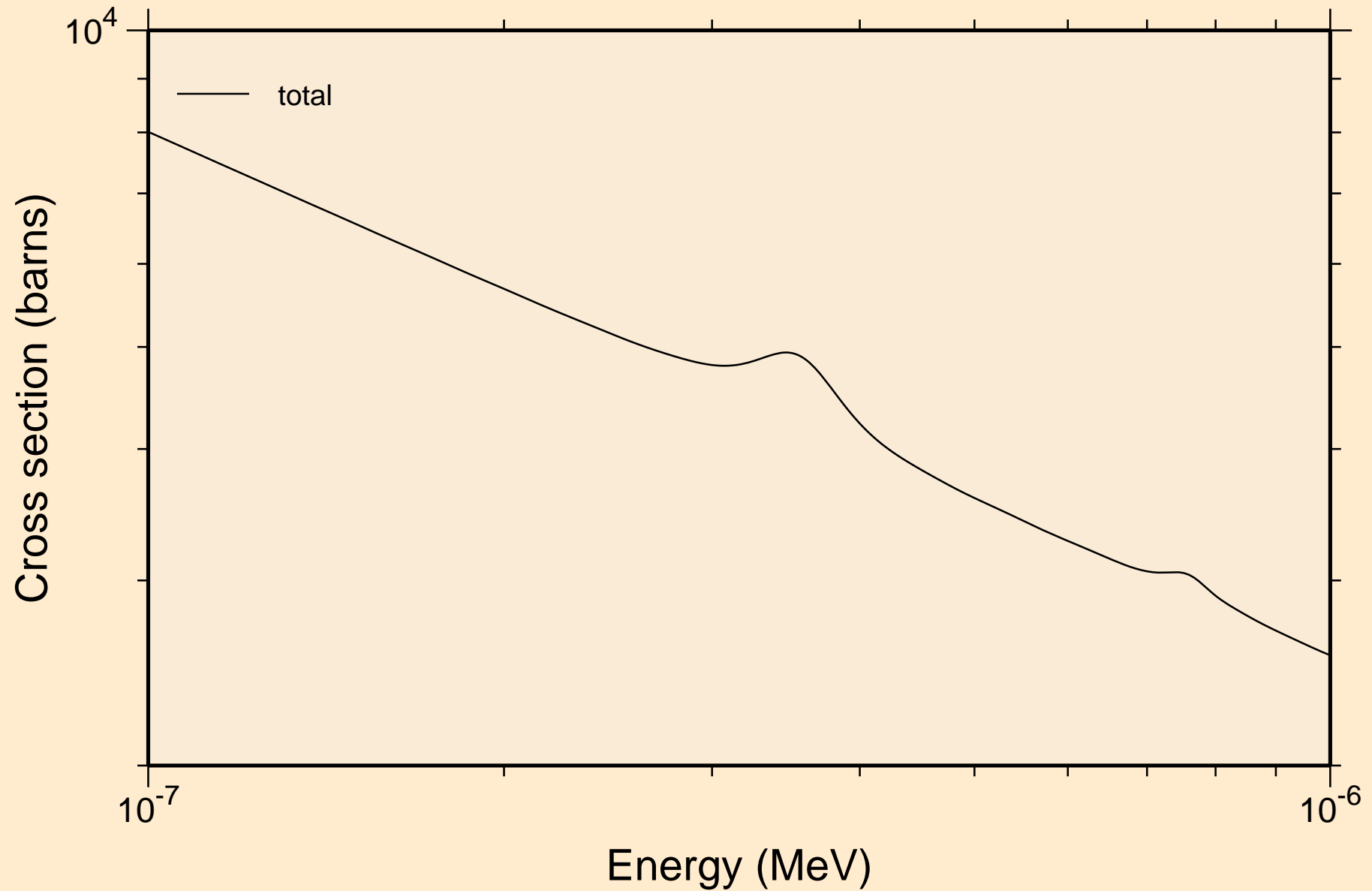


# TB143 NRG TENDL-2015, AKONING

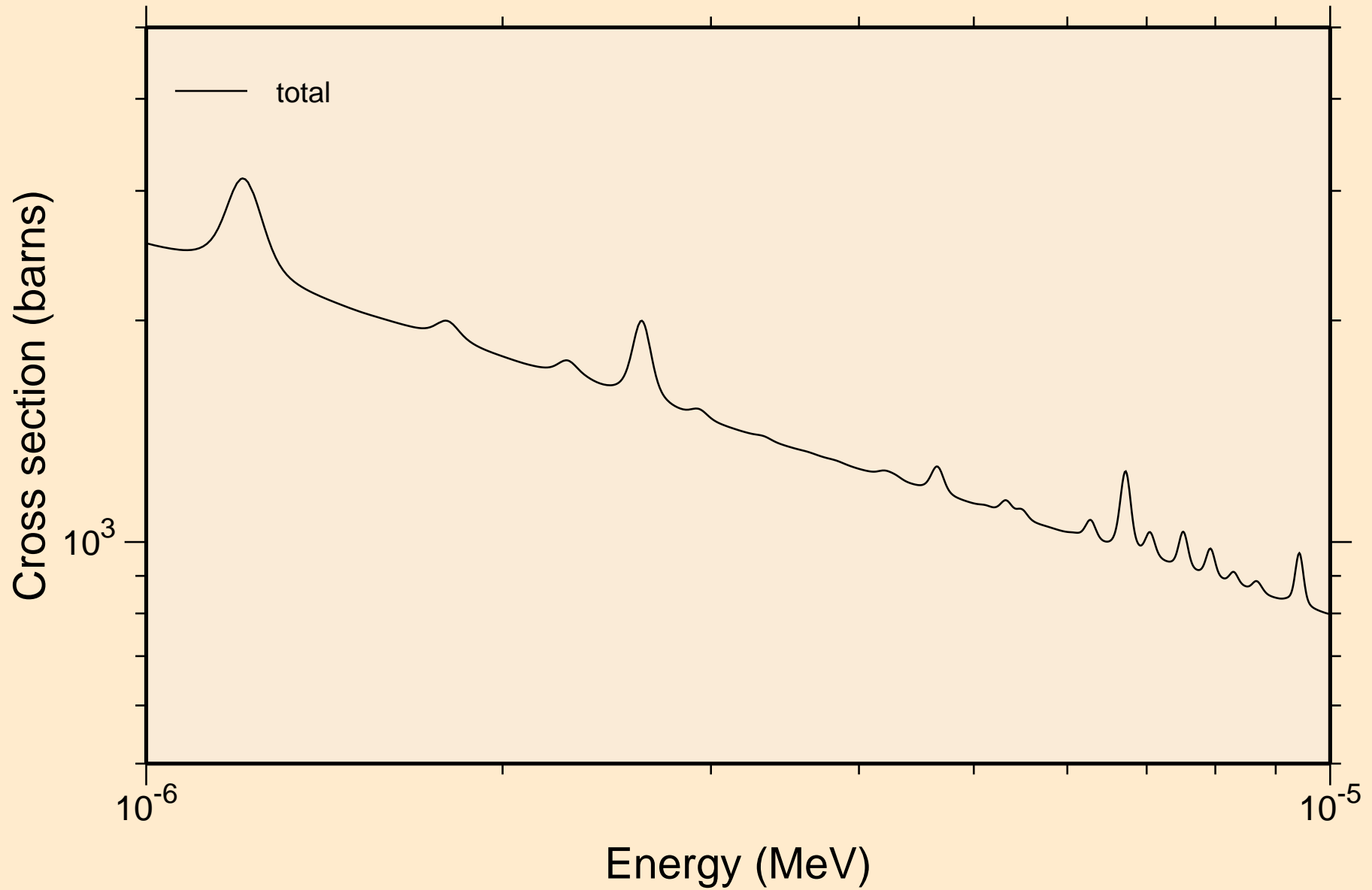
## Principal cross sections



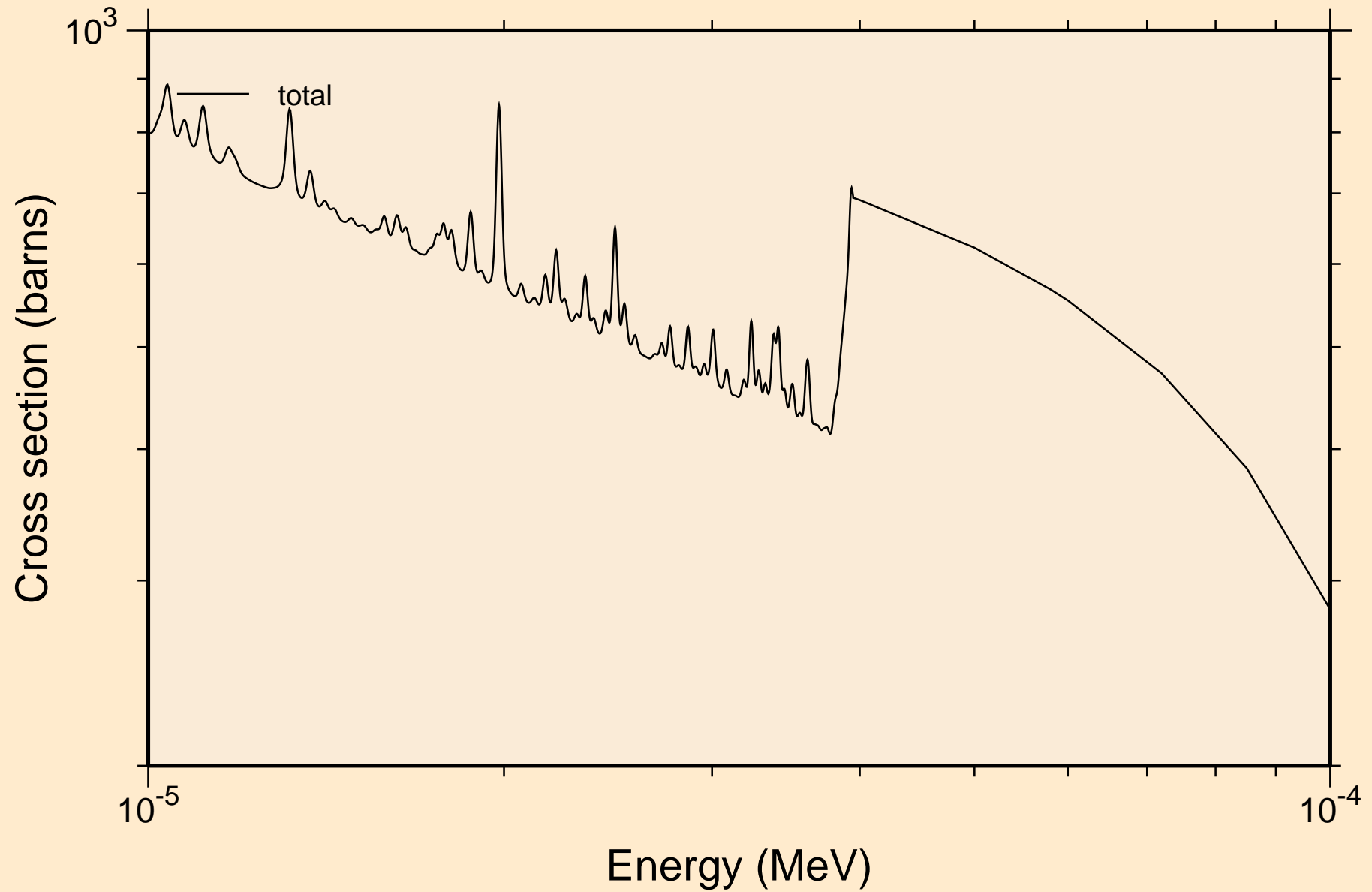
TB143 NRG TENDL-2015, AKONING  
resonance total cross section



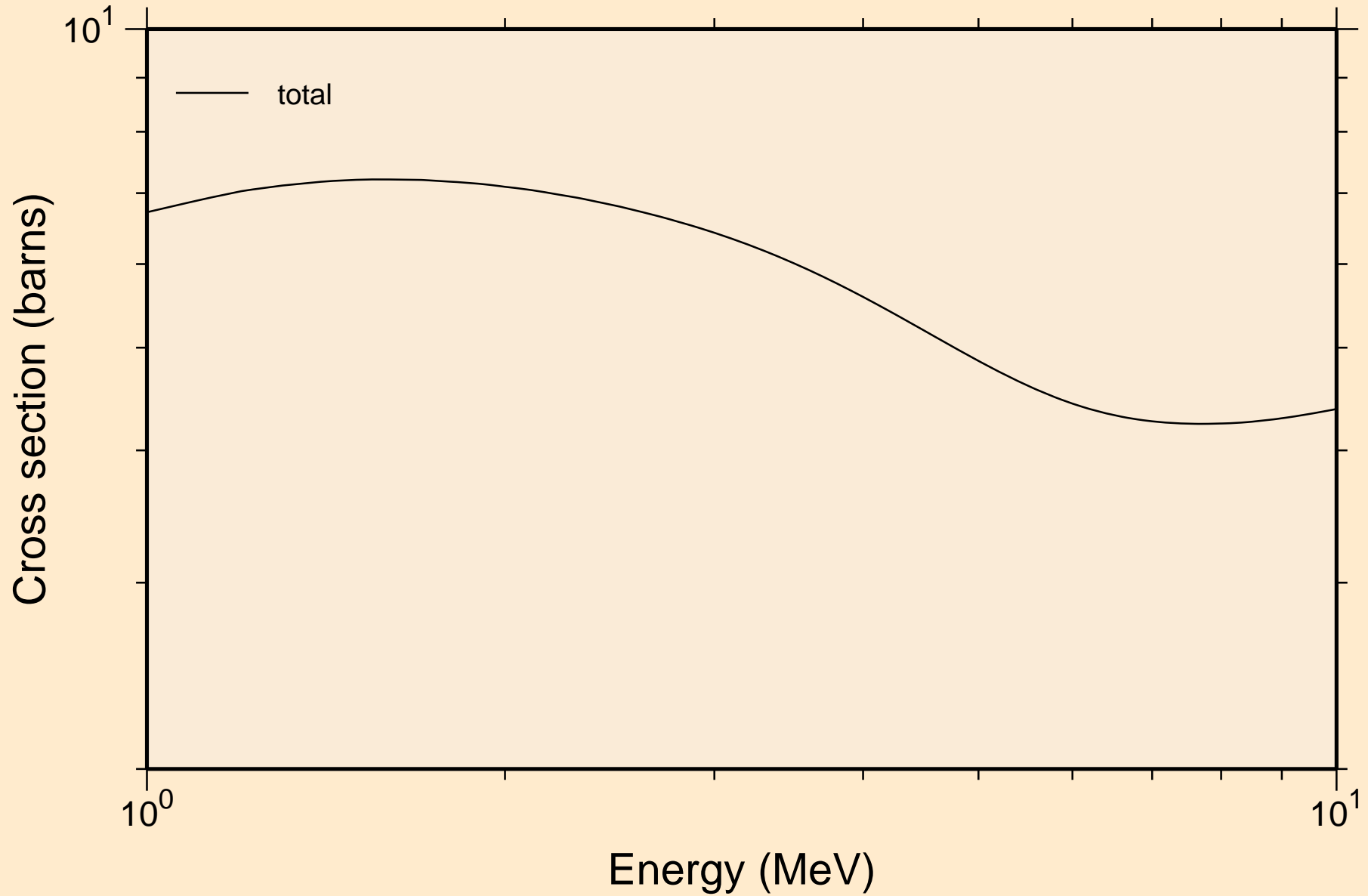
TB143 NRG TENDL-2015, AKONING  
resonance total cross section



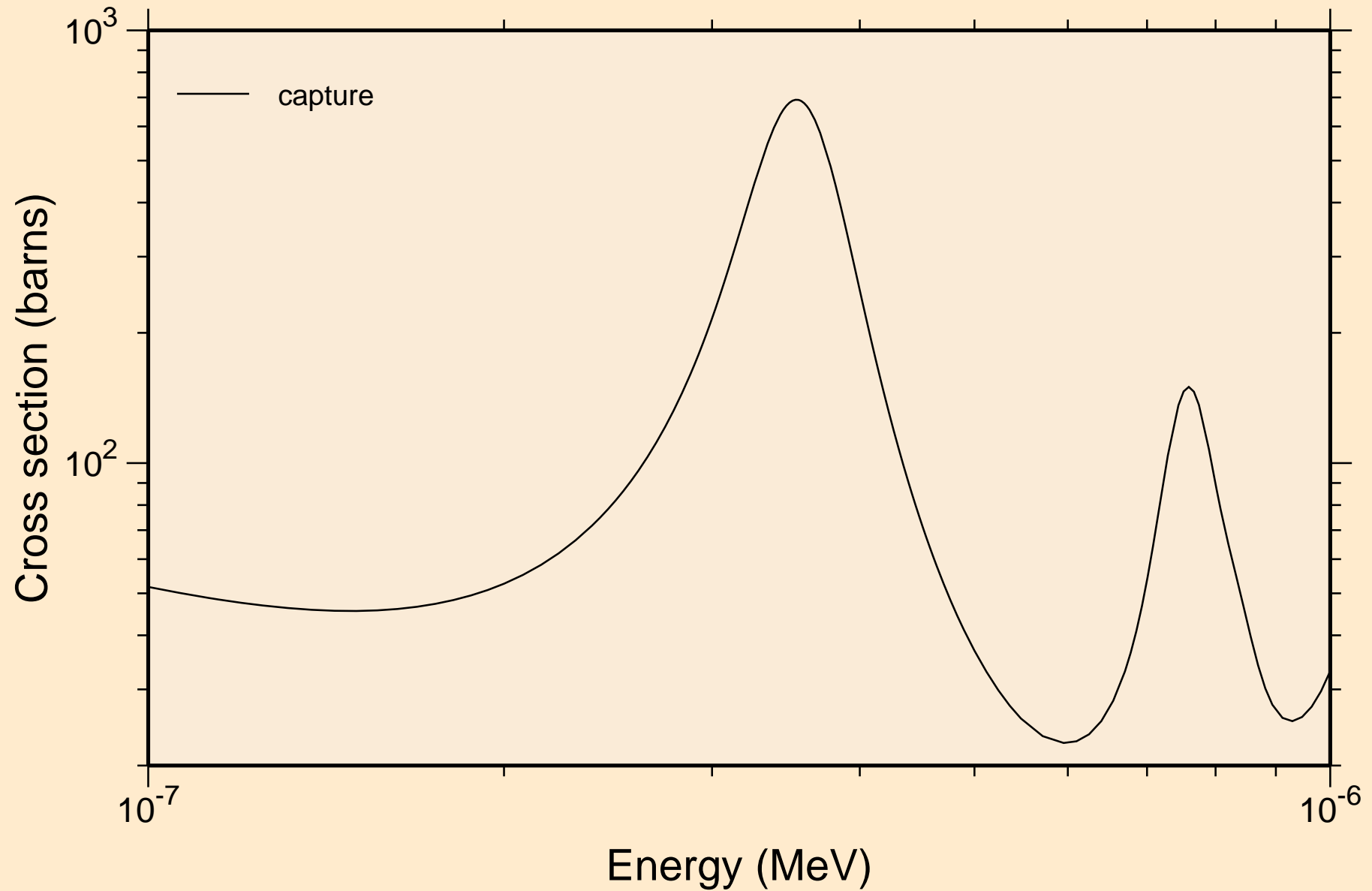
TB143 NRG TENDL-2015, AKONING  
resonance total cross section



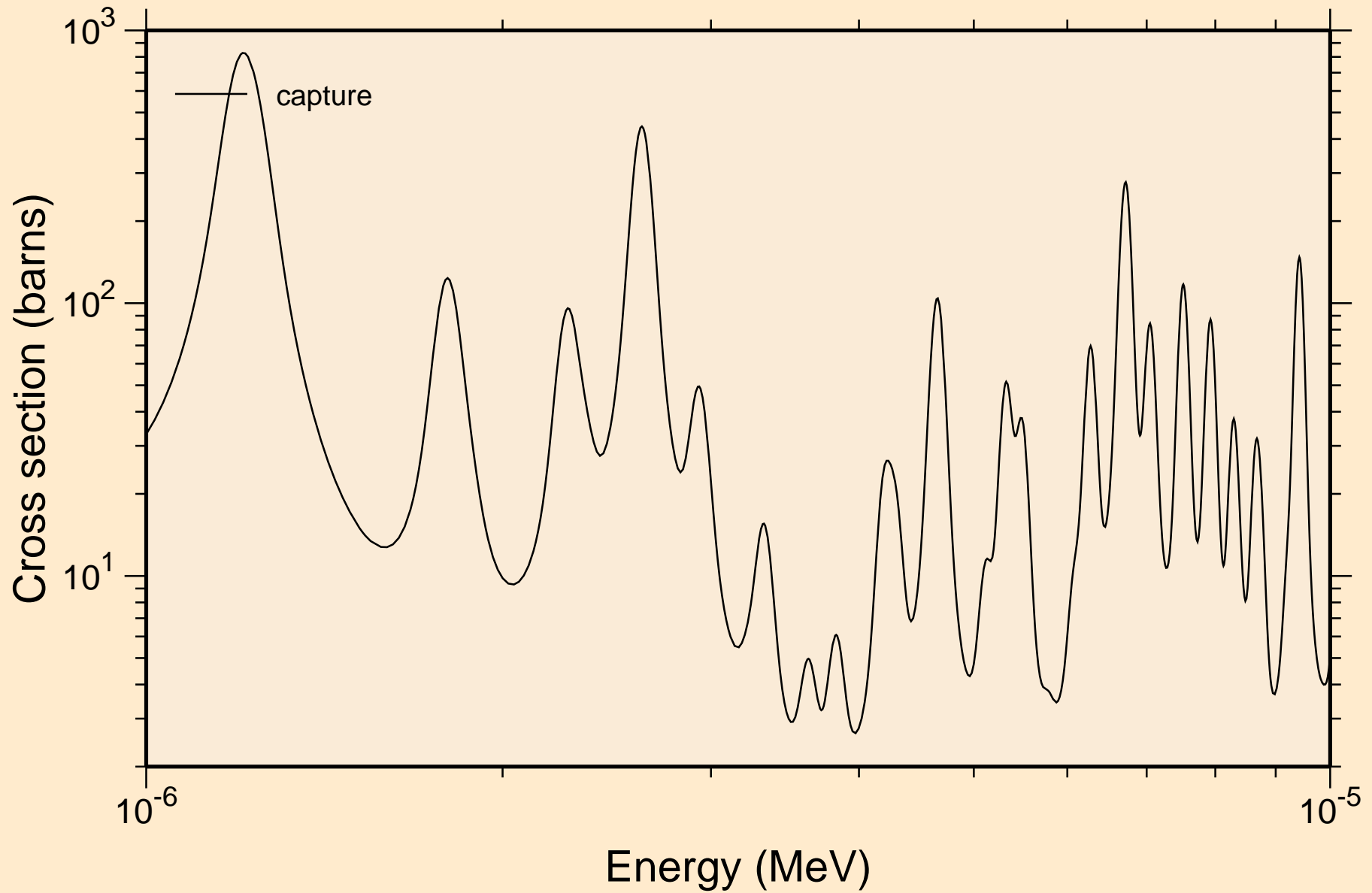
TB143 NRG TENDL-2015, AKONING  
resonance total cross section



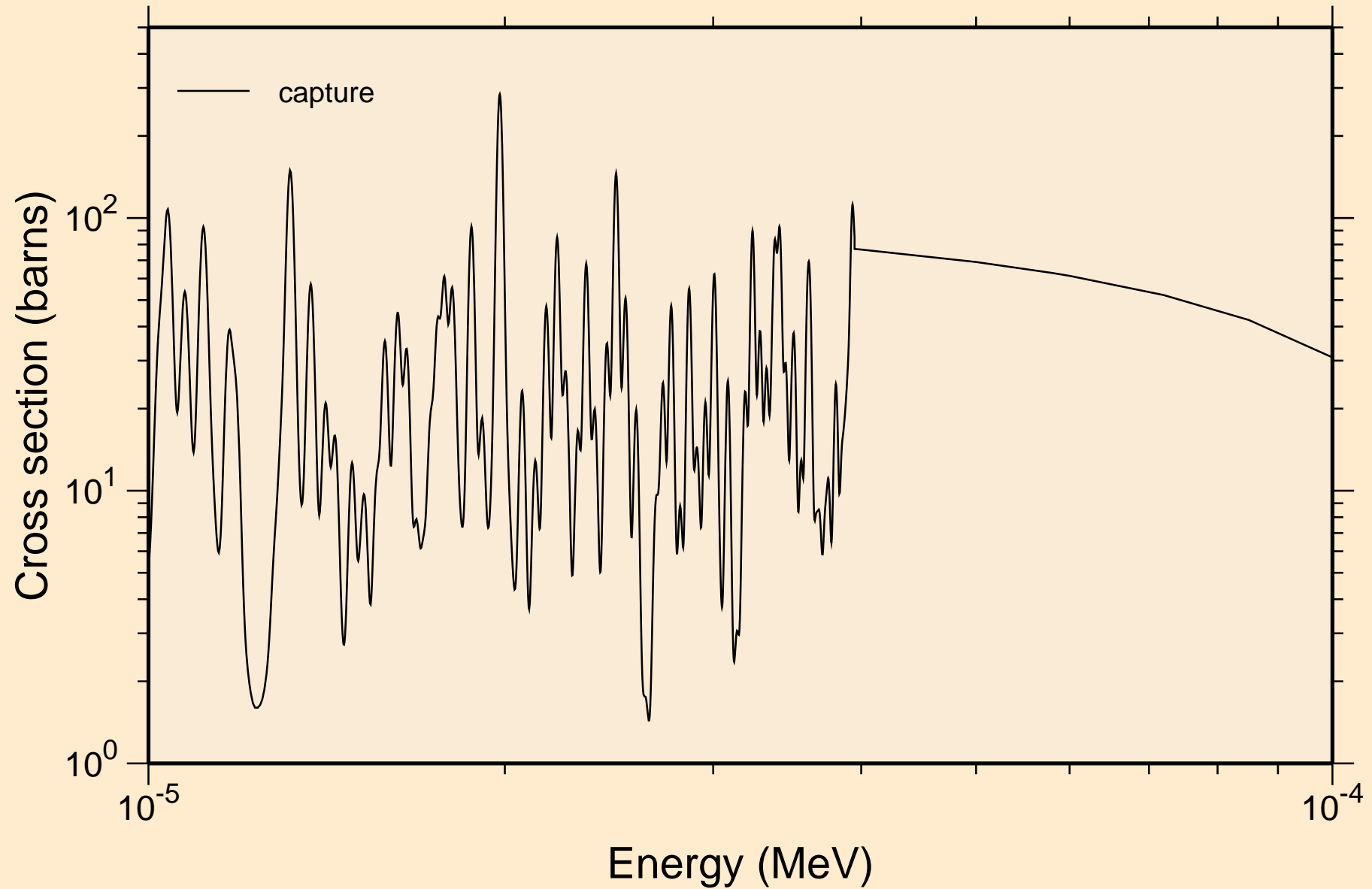
TB143 NRG TENDL-2015, AKONING  
resonance absorption cross sections



TB143 NRG TENDL-2015, AKONING  
resonance absorption cross sections

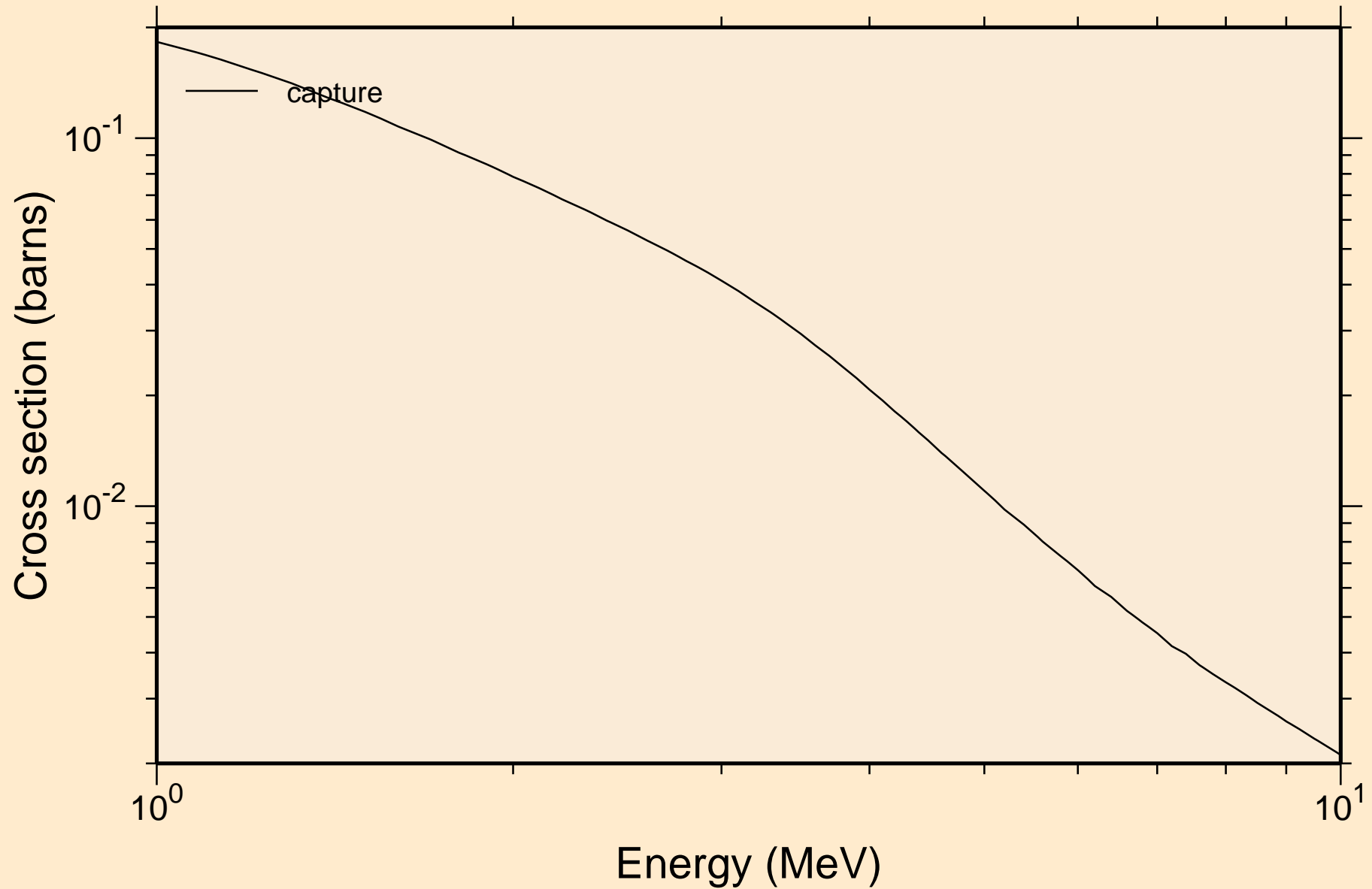


TB143 NRG TENDL-2015, AKONING  
resonance absorption cross sections

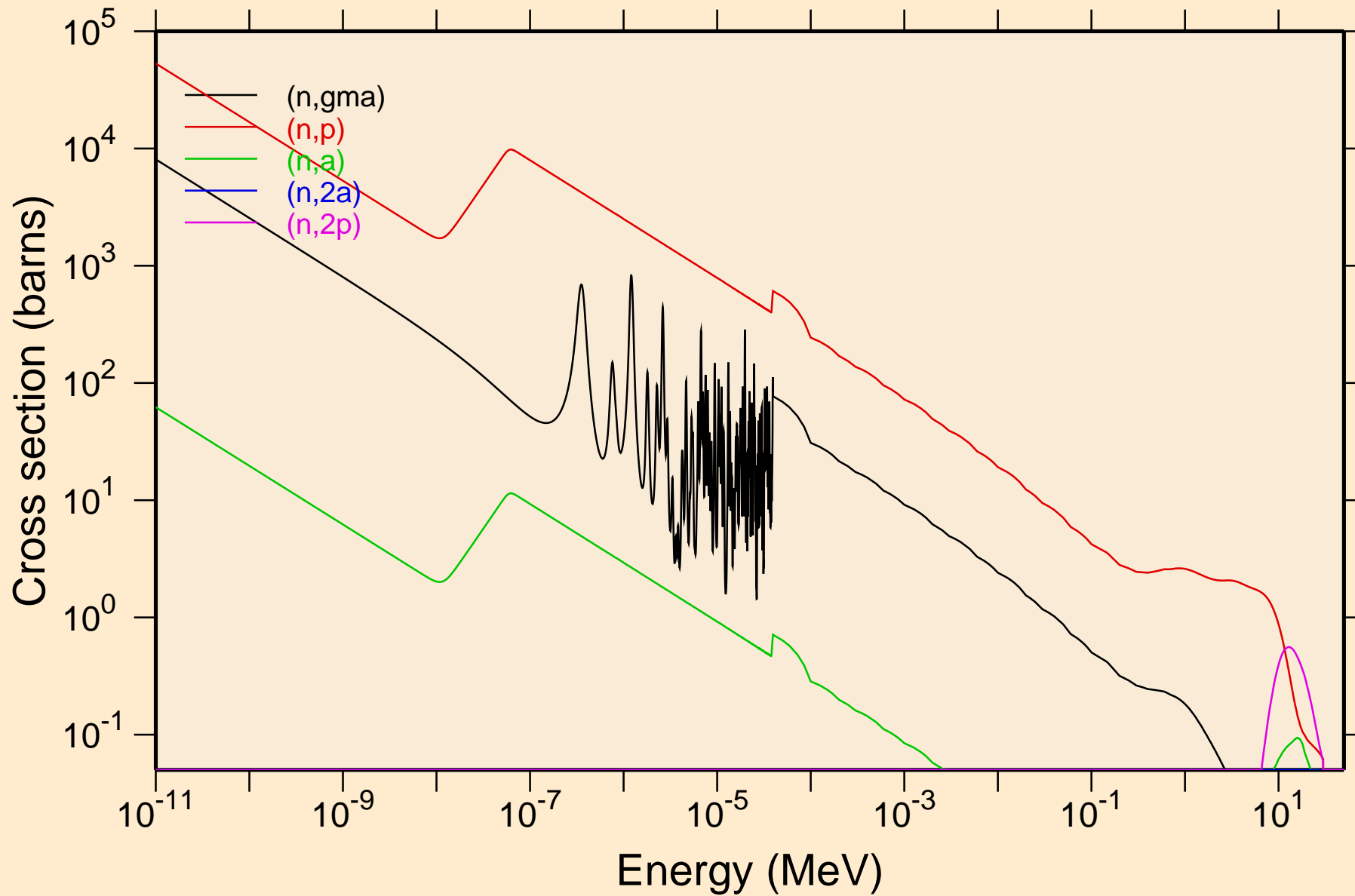




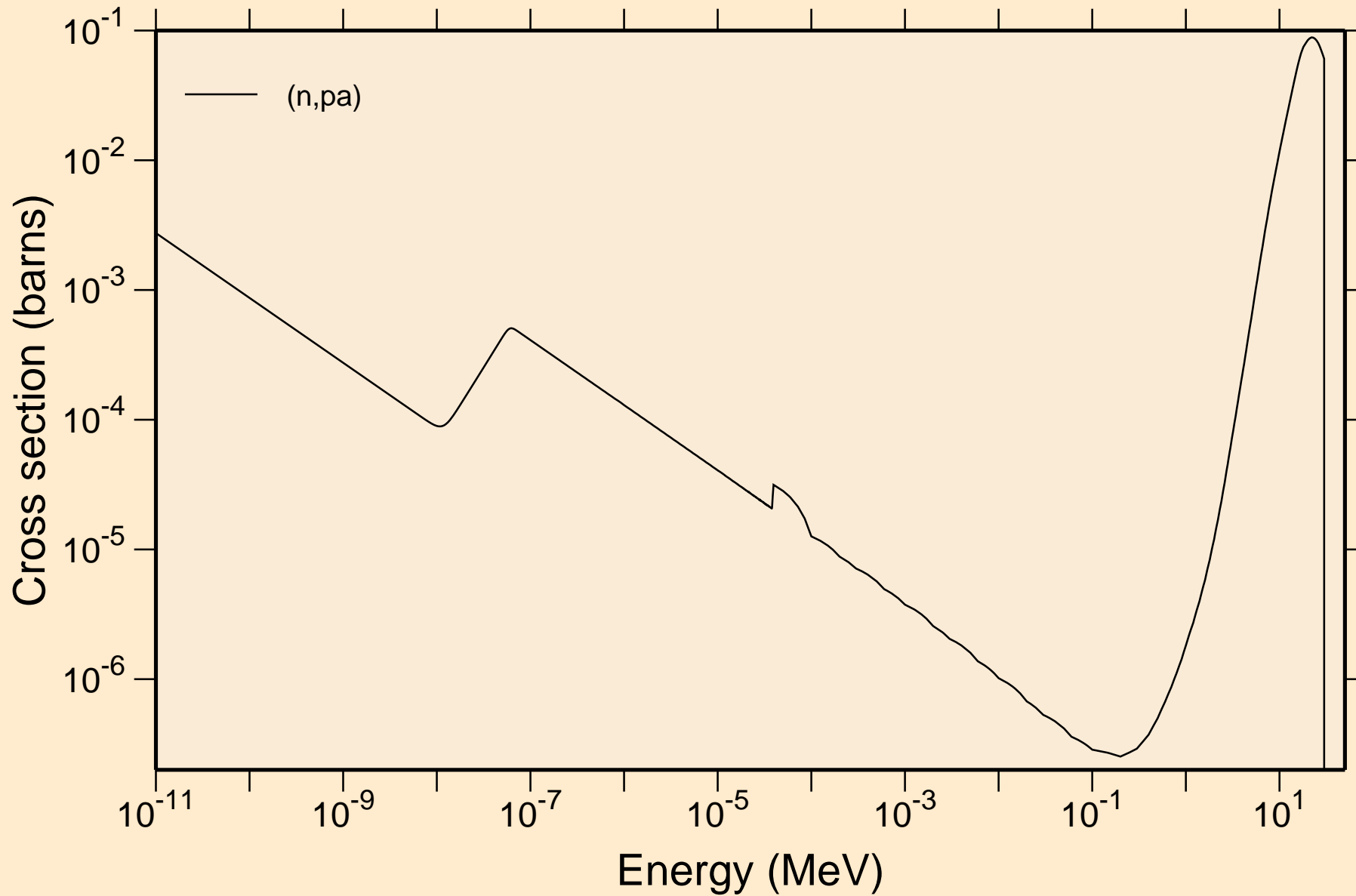
TB143 NRG TENDL-2015, AKONING  
resonance absorption cross sections



TB143 NRG TENDL-2015, AKONING  
Non-threshold reactions

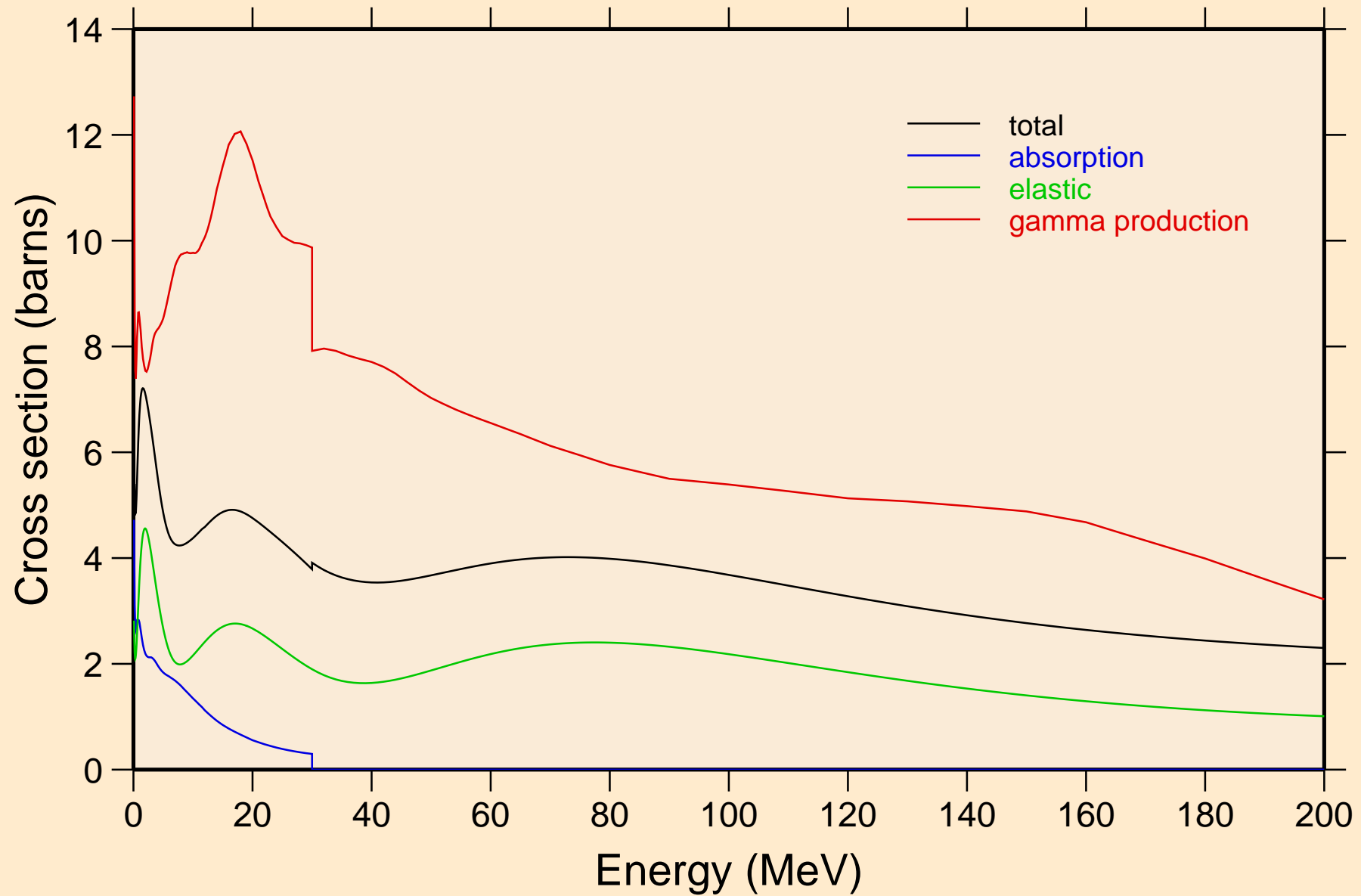


TB143 NRG TENDL-2015, AKONING  
Non-threshold reactions



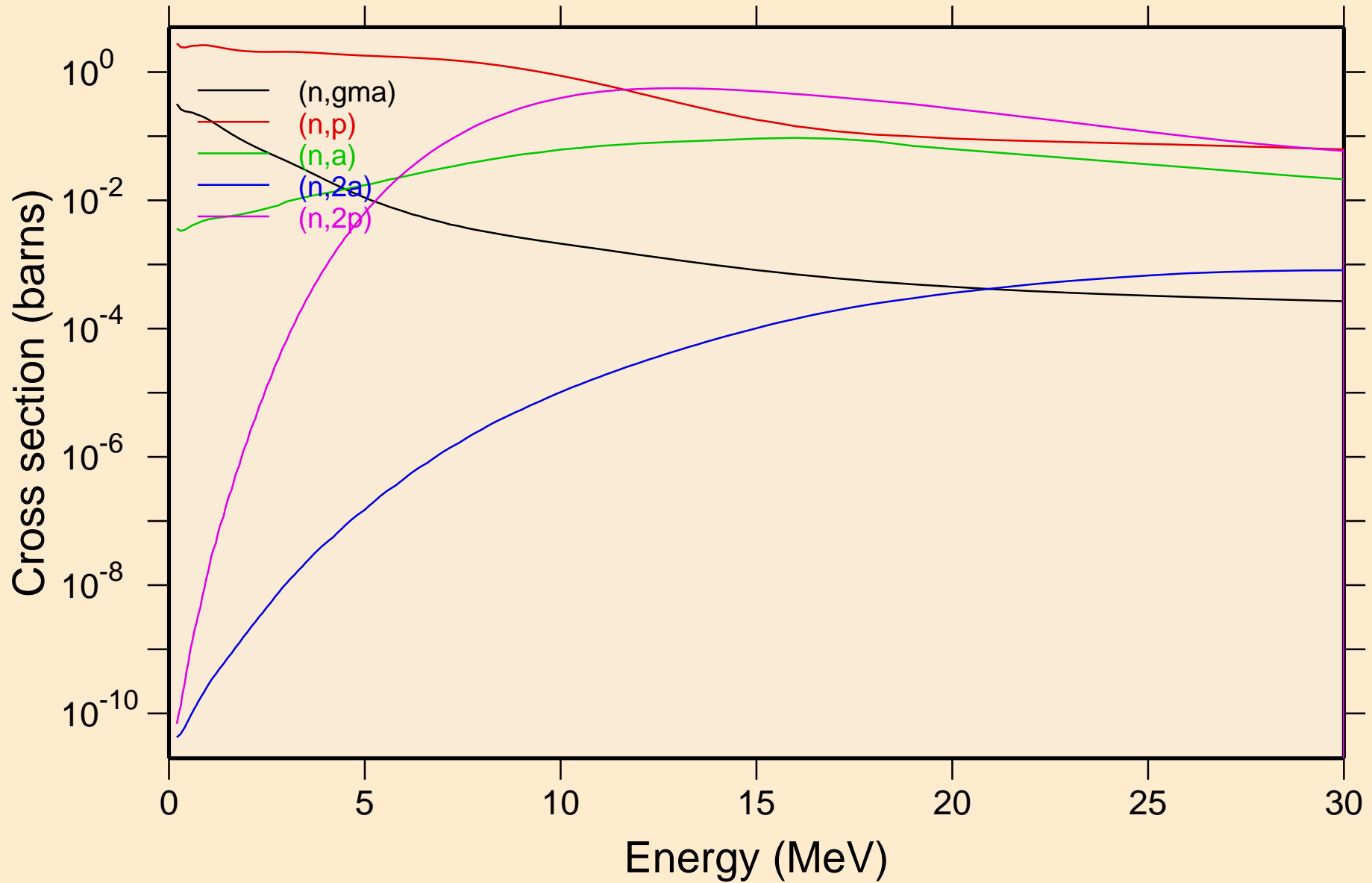
# TB143 NRG TENDL-2015, AKONING

## Principal cross sections

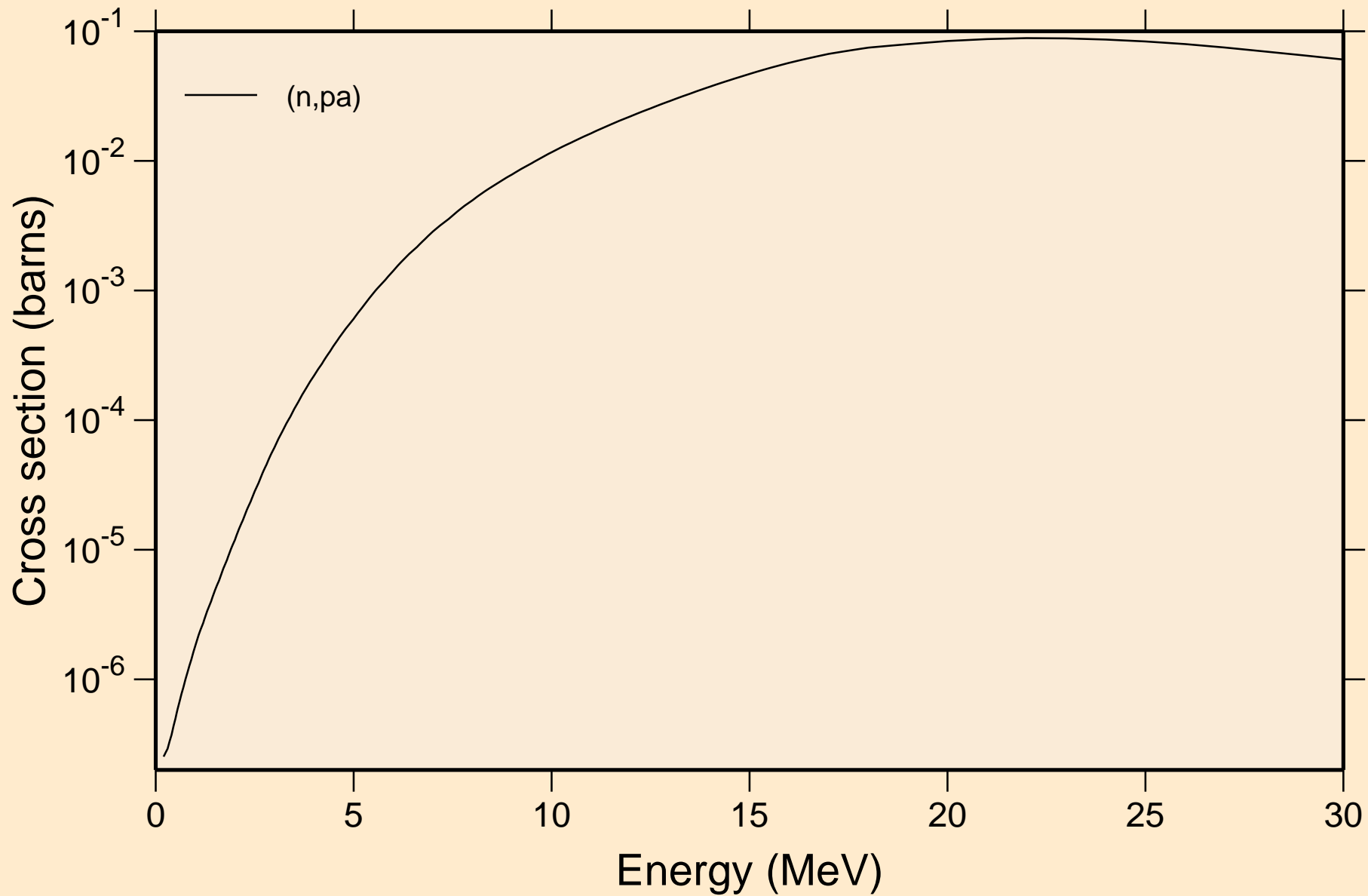


# TB143 NRG TENDL-2015, AKONING

## Non-threshold reactions

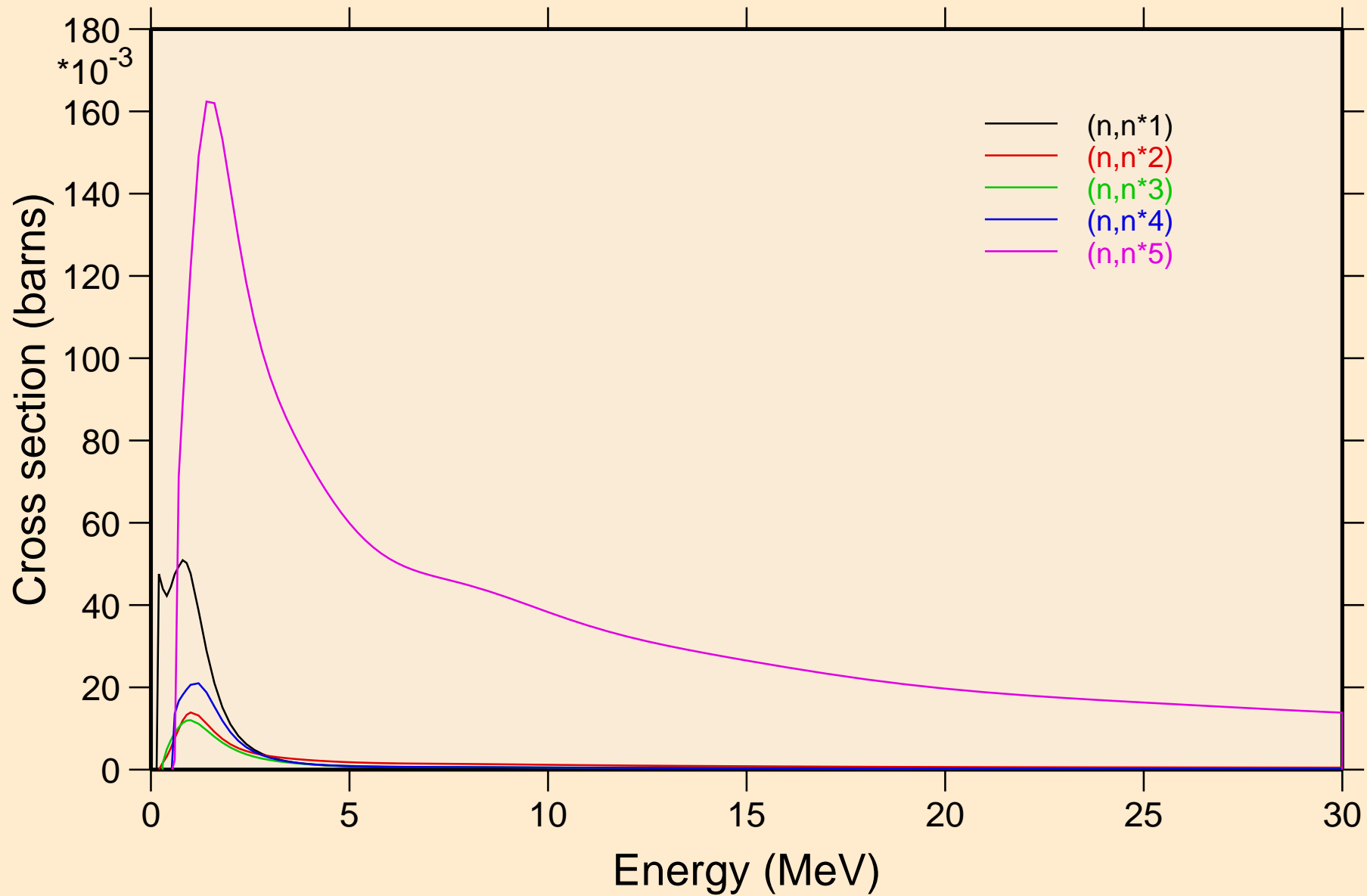


TB143 NRG TENDL-2015, AKONING  
Non-threshold reactions



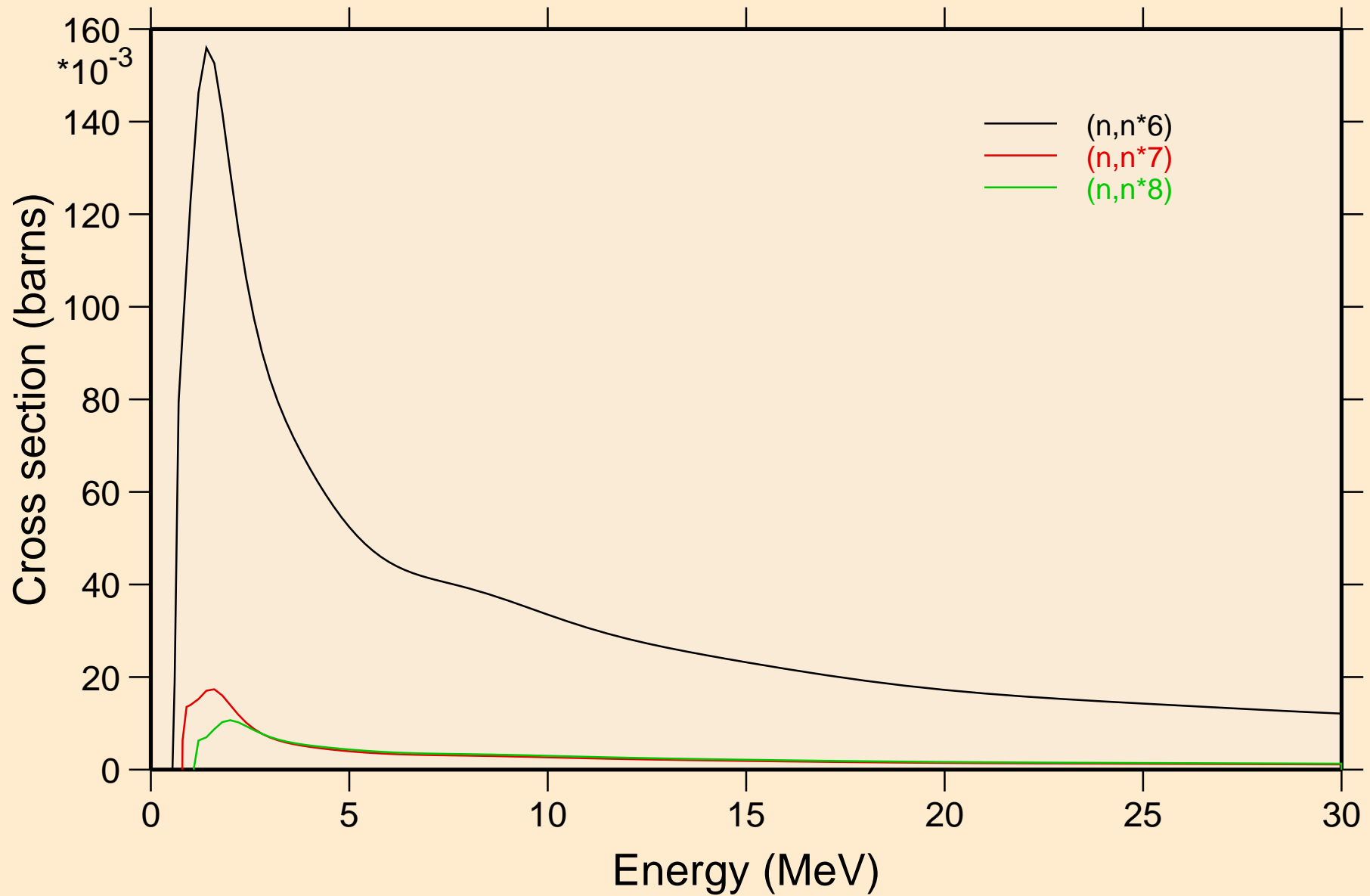
# TB143 NRG TENDL-2015, AKONING

## Inelastic levels



# TB143 NRG TENDL-2015, AKONING

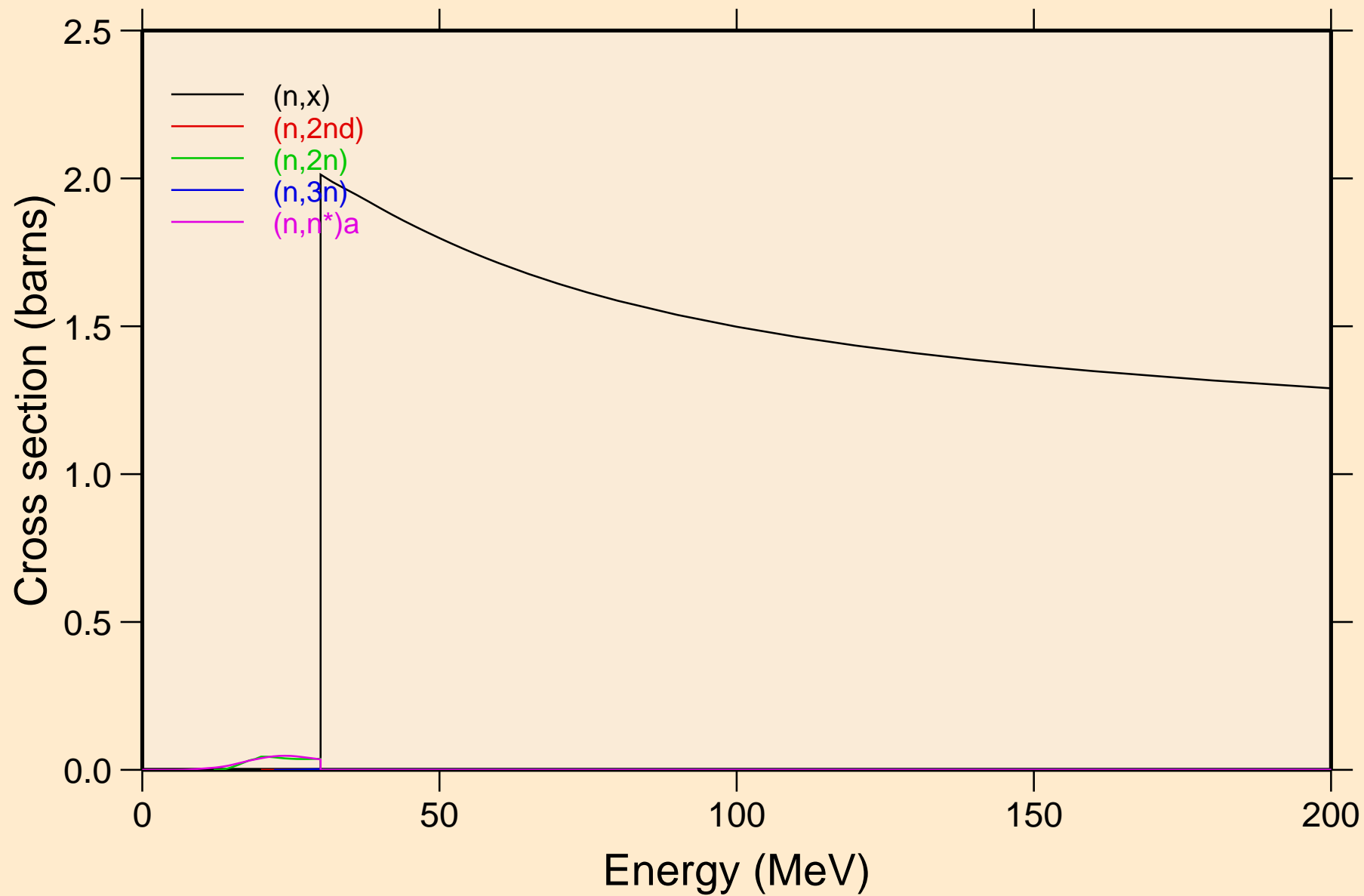
## Inelastic levels





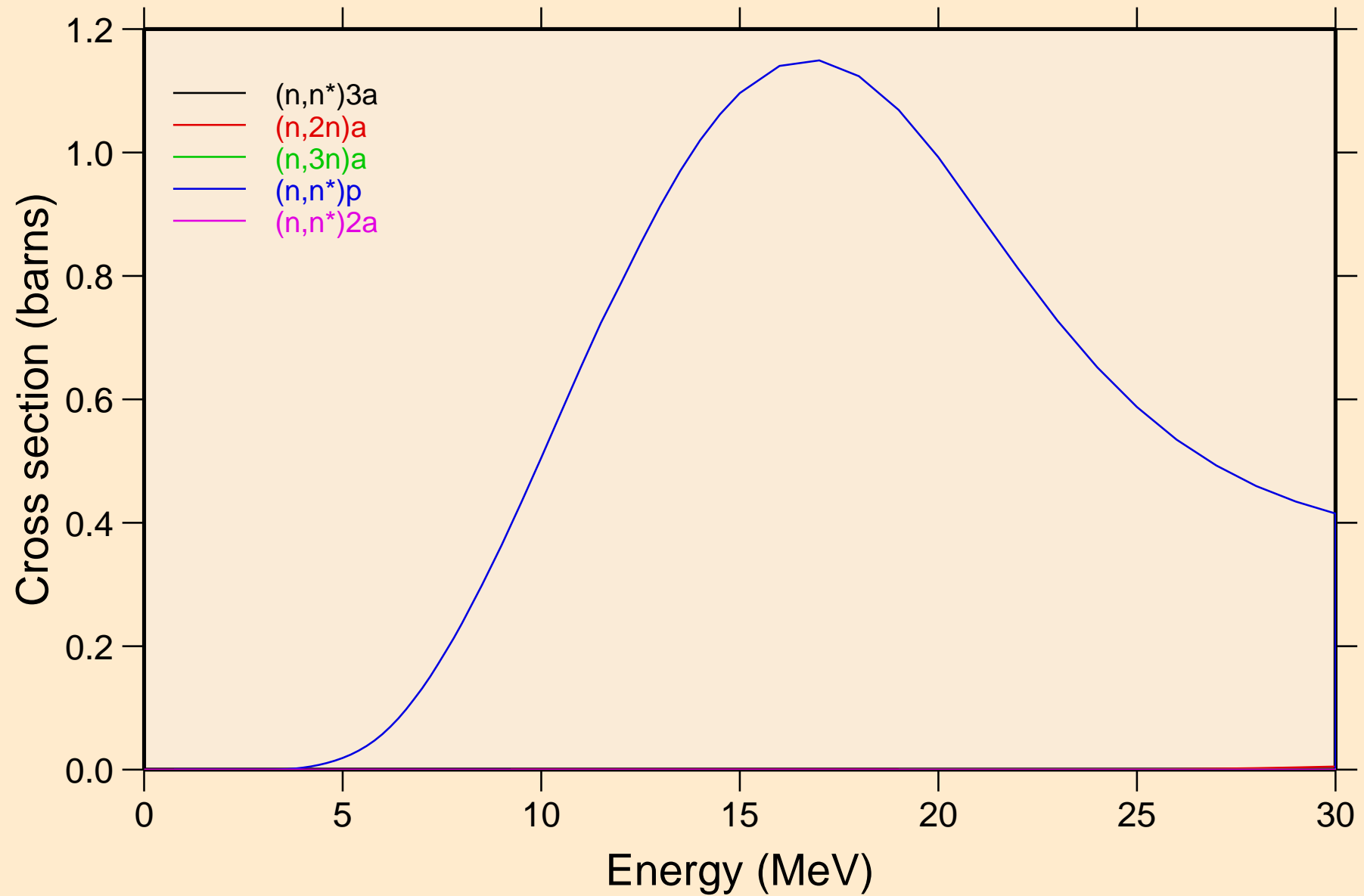
# TB143 NRG TENDL-2015, AKONING

## Threshold reactions



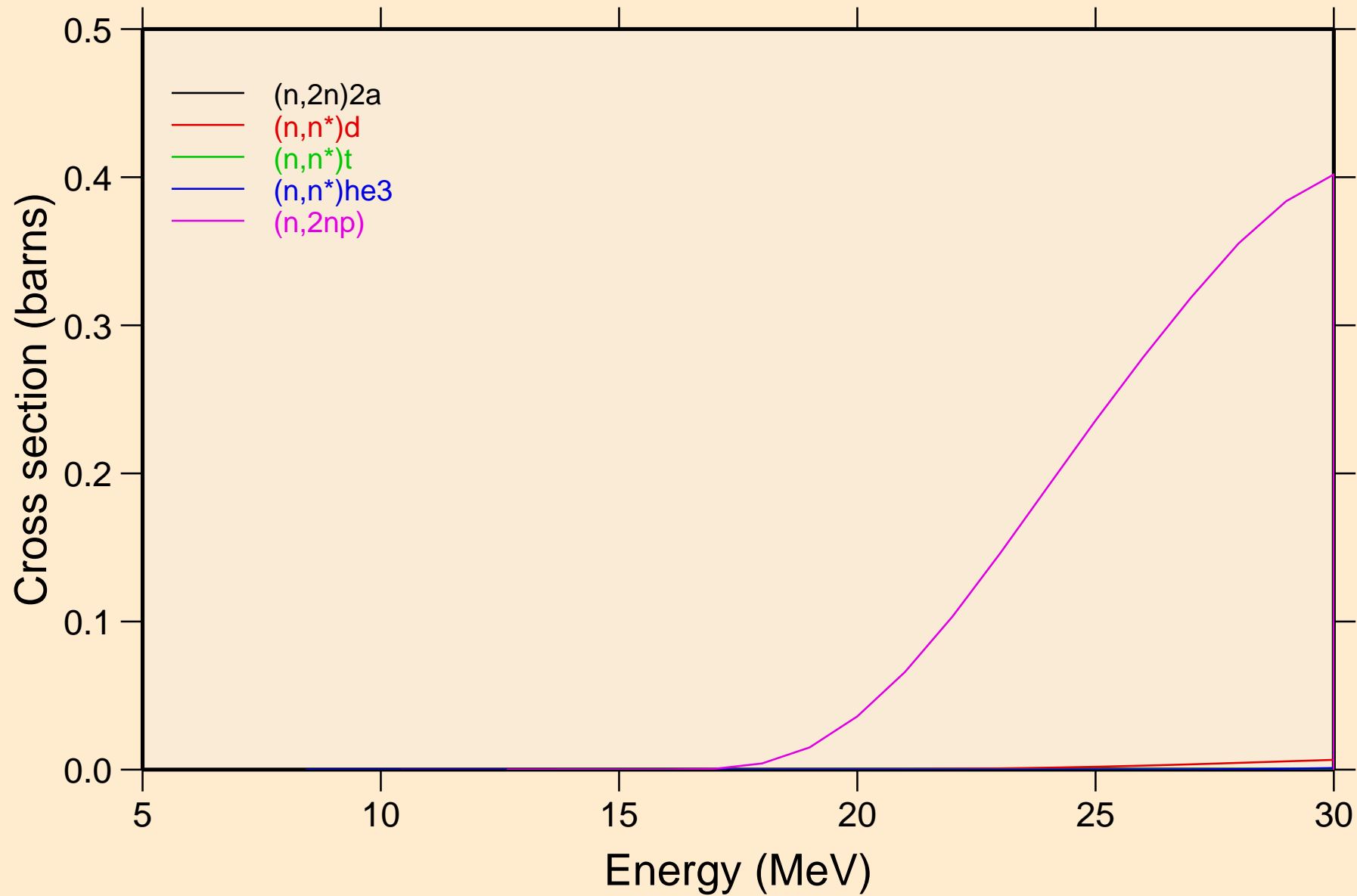
# TB143 NRG TENDL-2015, AKONING

## Threshold reactions



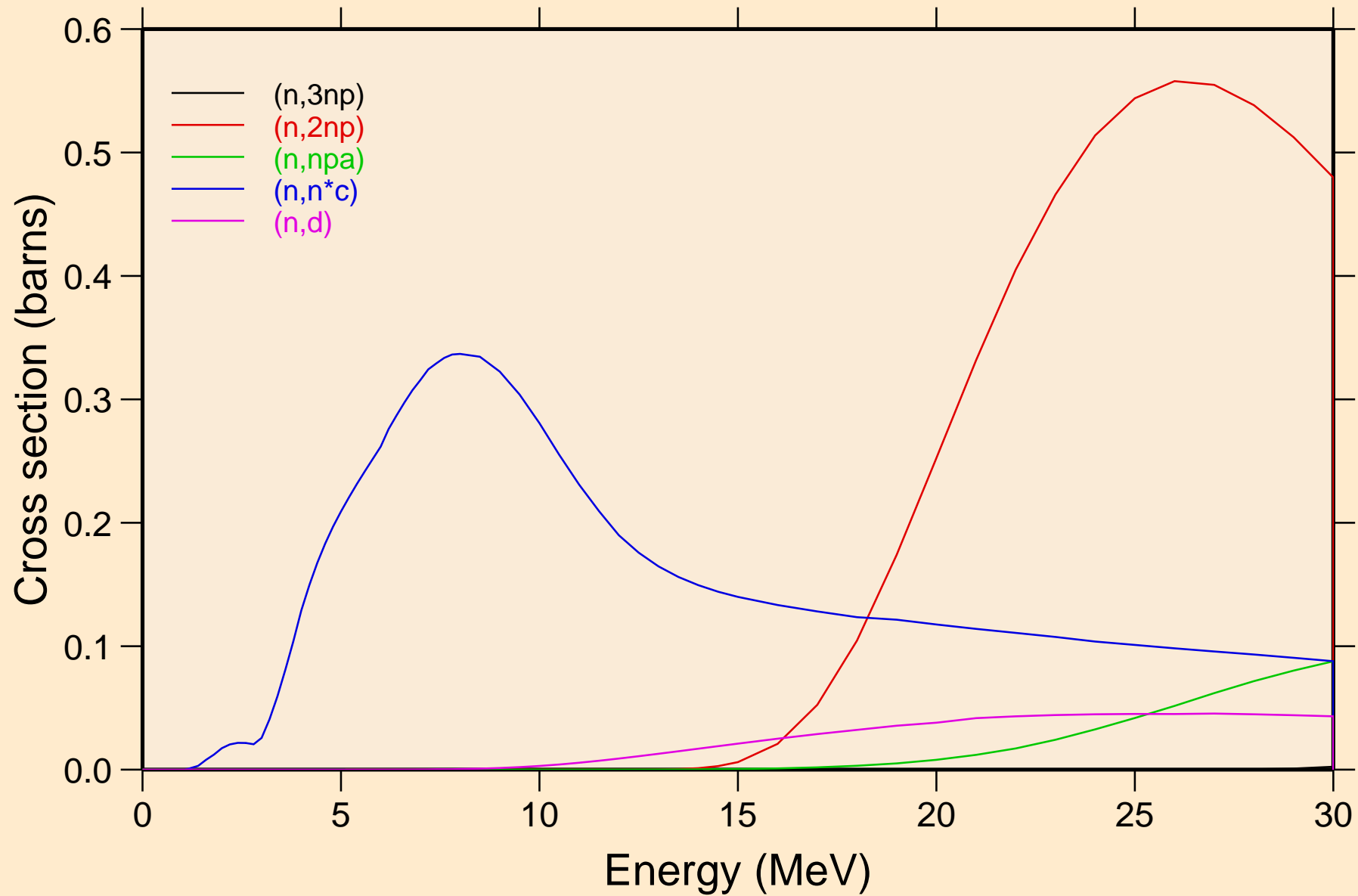
# TB143 NRG TENDL-2015, AKONING

## Threshold reactions



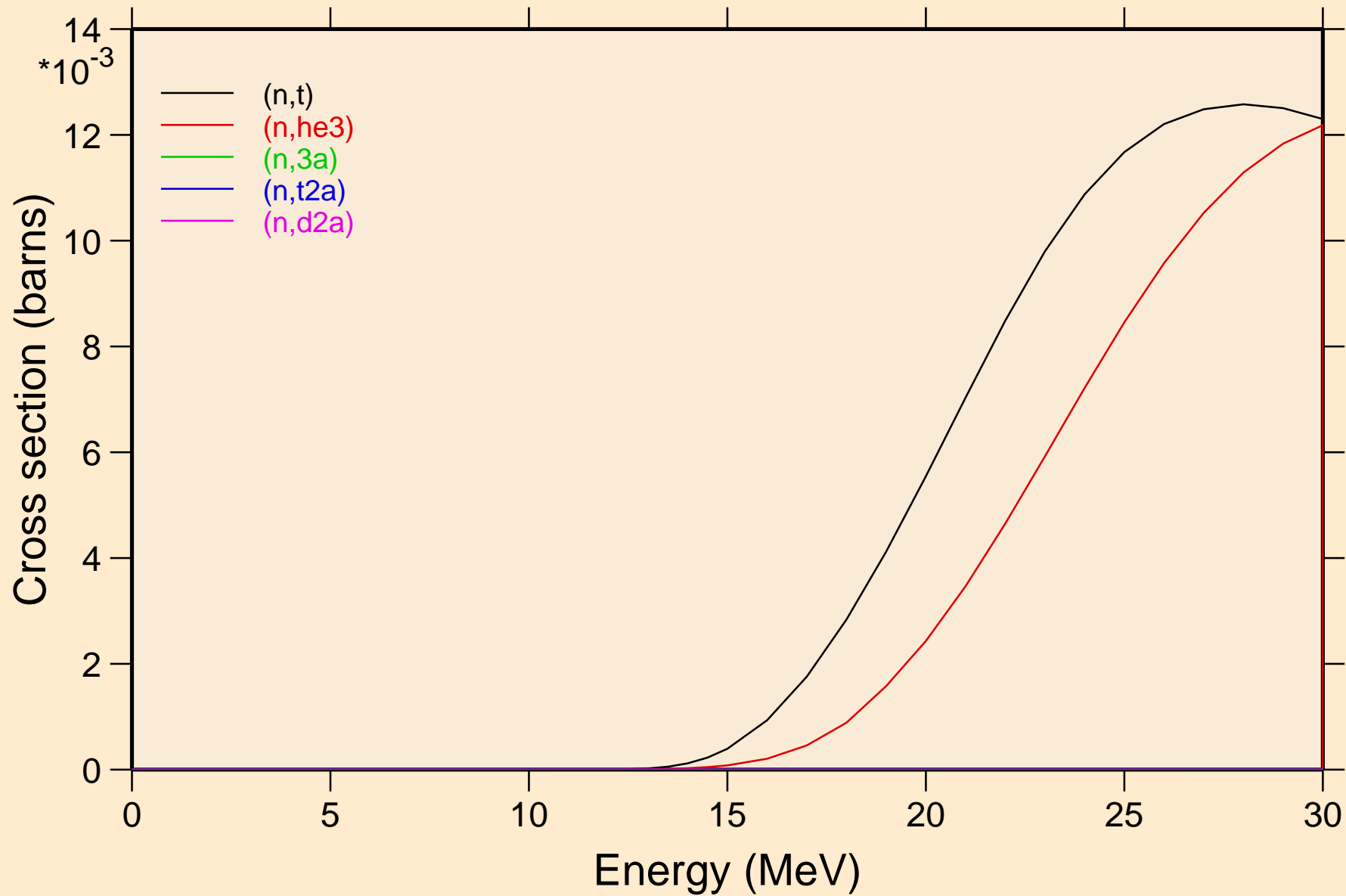
# TB143 NRG TENDL-2015, AKONING

## Threshold reactions



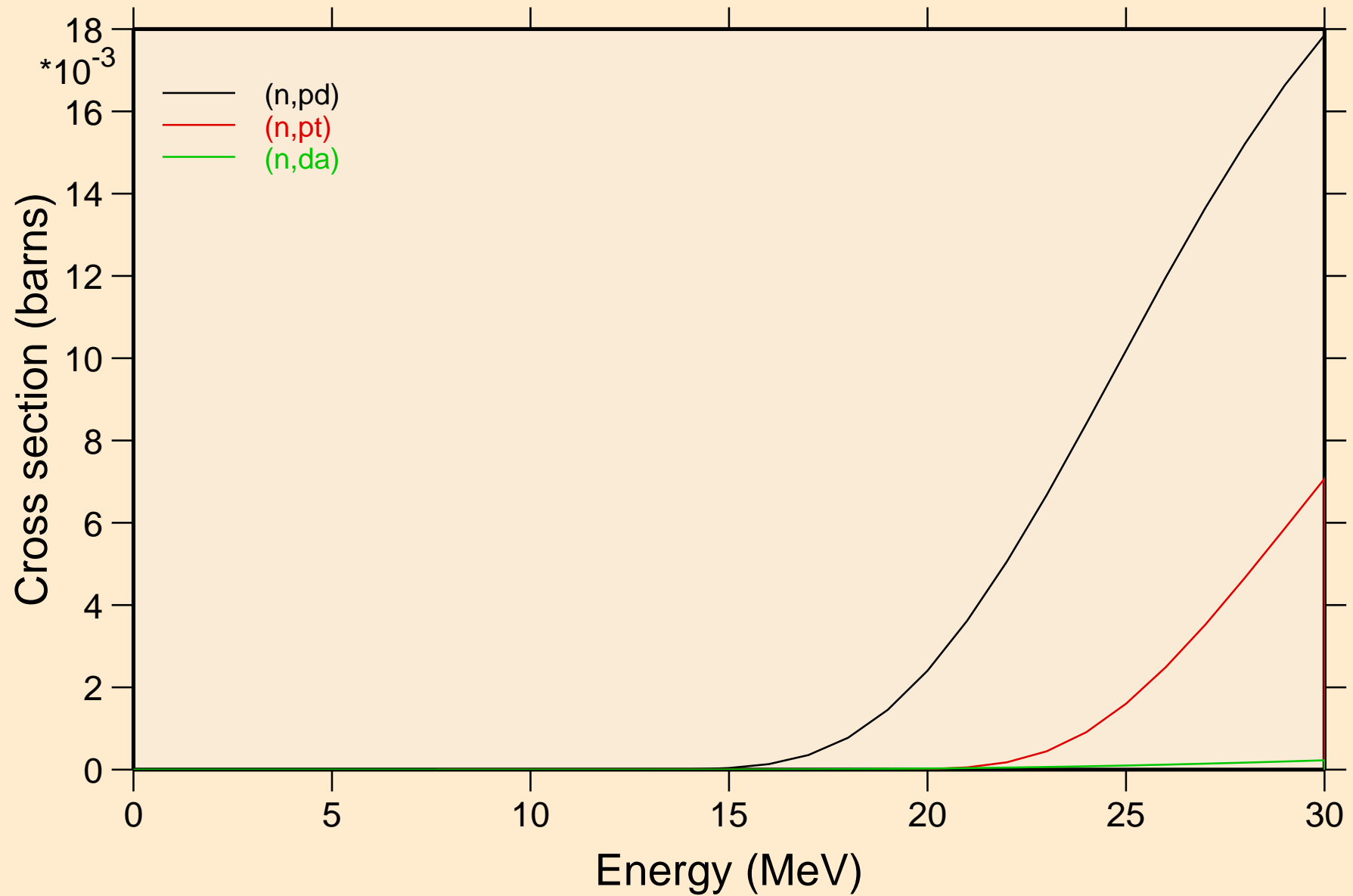
# TB143 NRG TENDL-2015, AKONING

## Threshold reactions

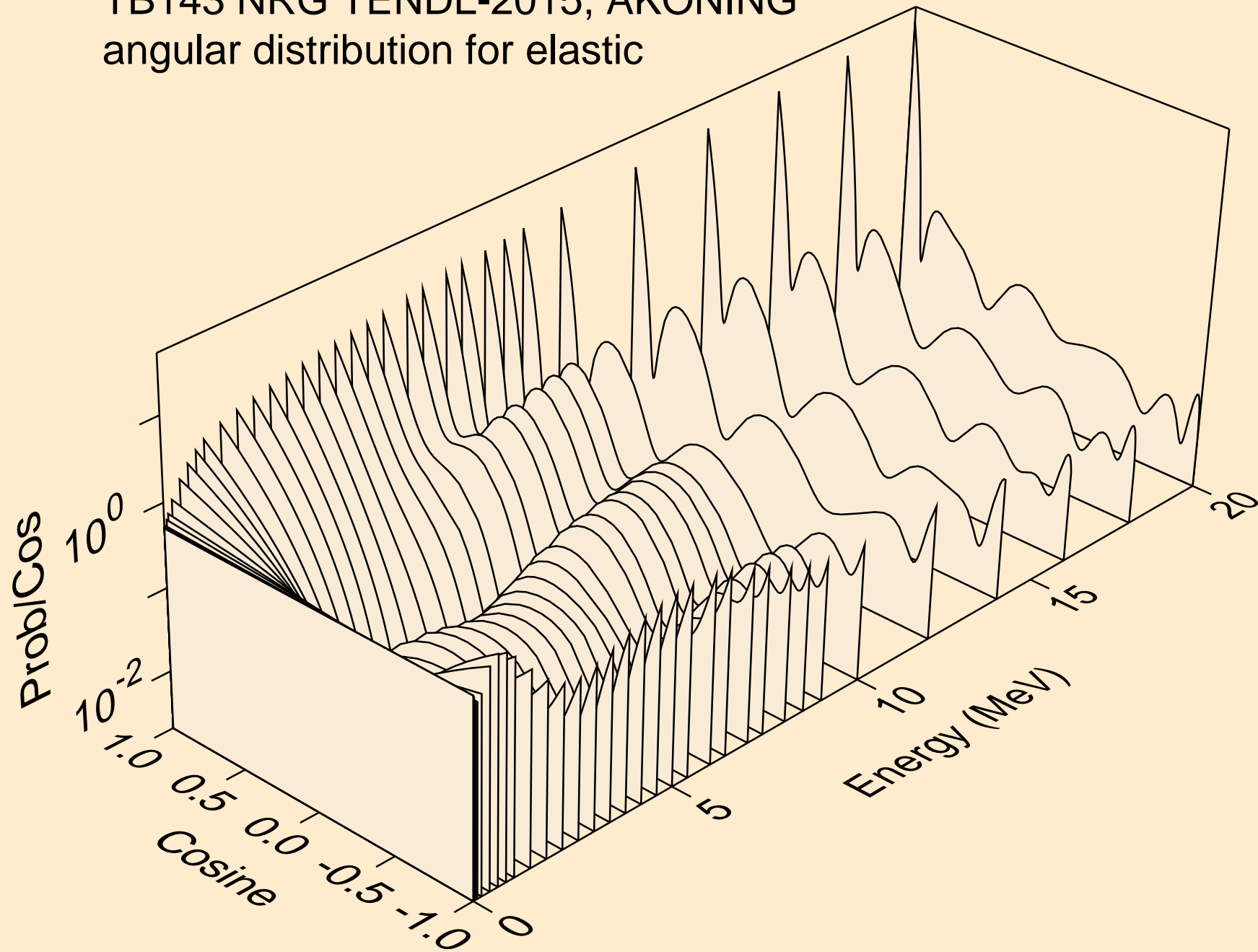


# TB143 NRG TENDL-2015, AKONING

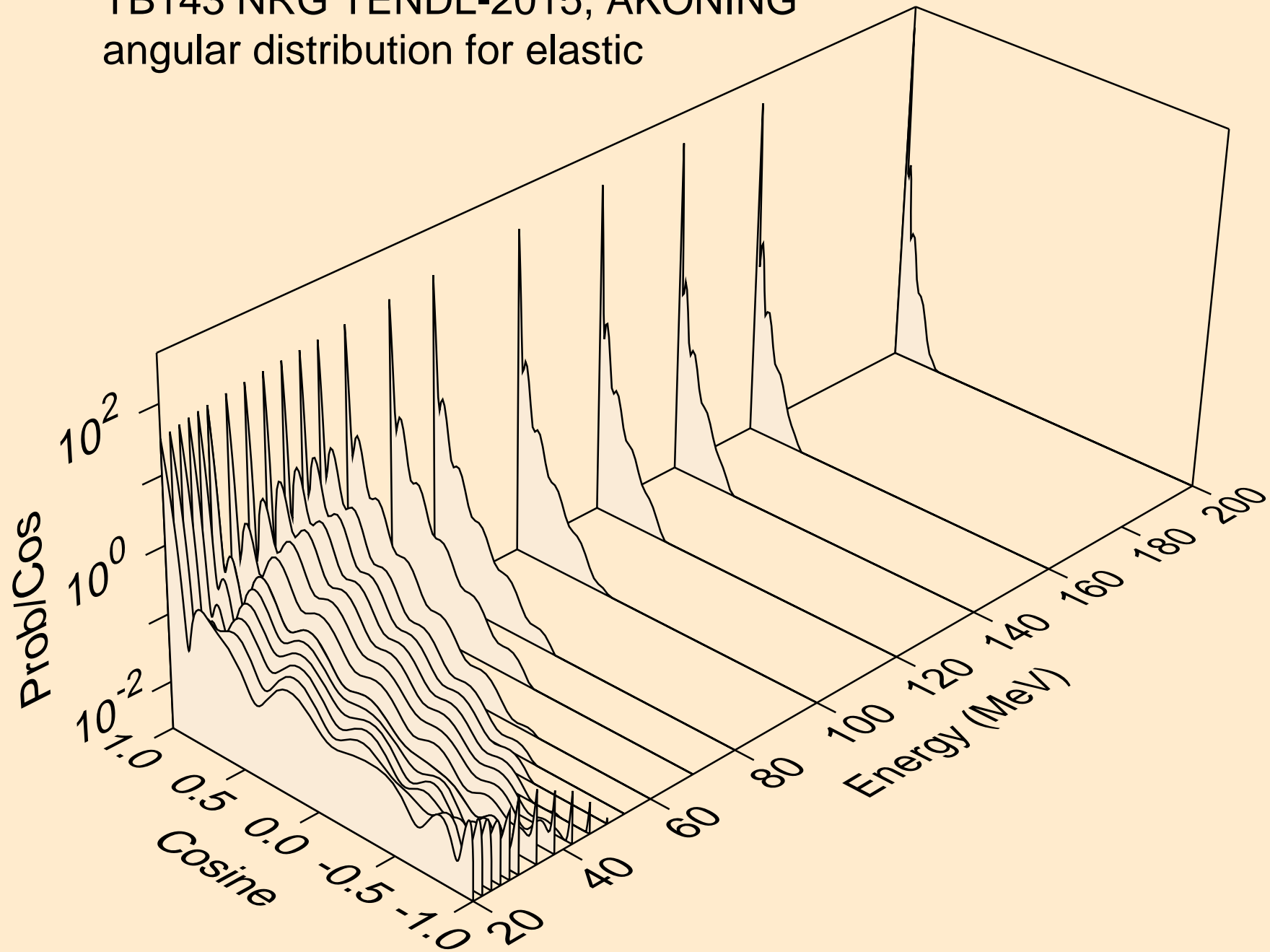
## Threshold reactions



TB143 NRG TENDL-2015, AKONING  
angular distribution for elastic

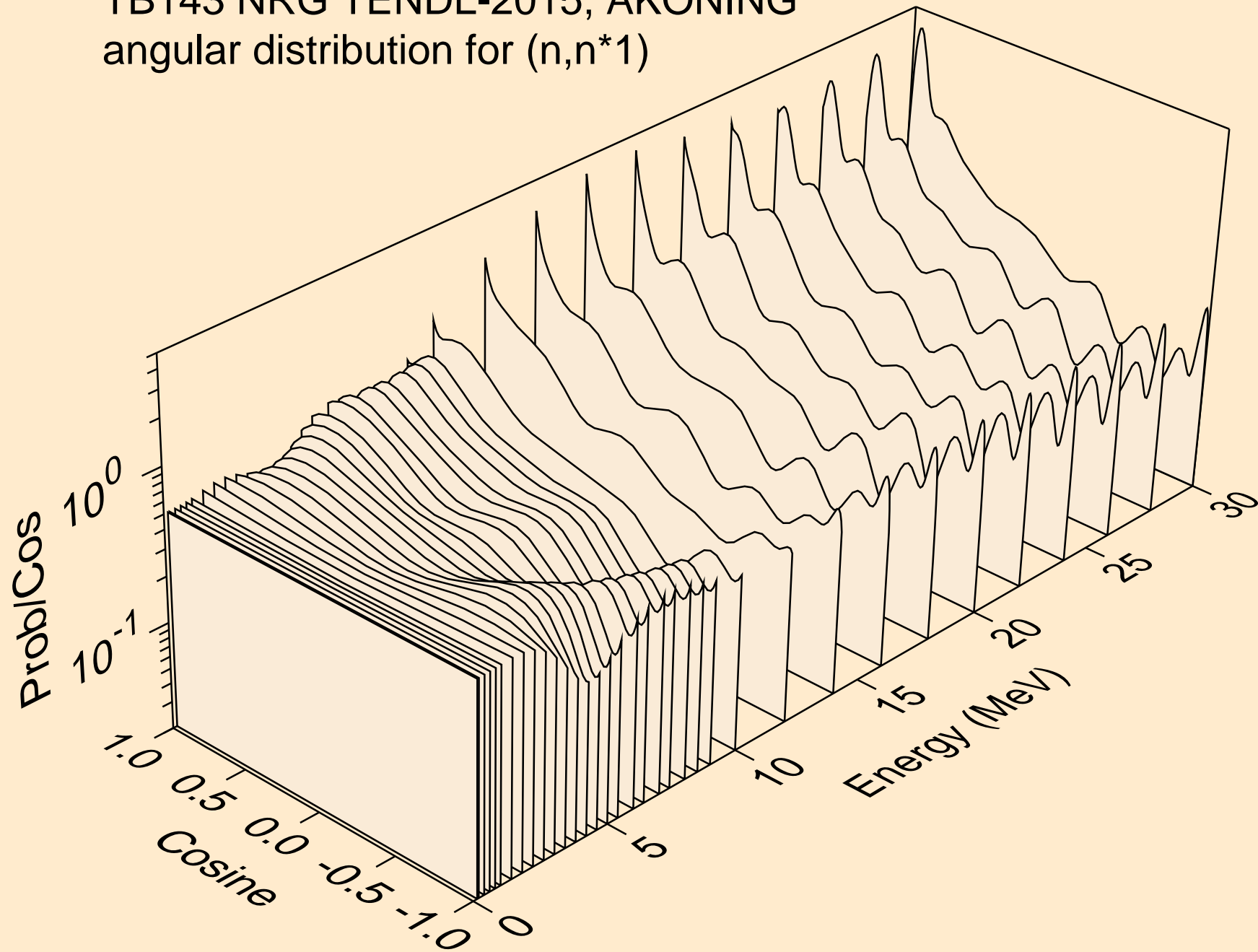


TB143 NRG TENDL-2015, AKONING  
angular distribution for elastic

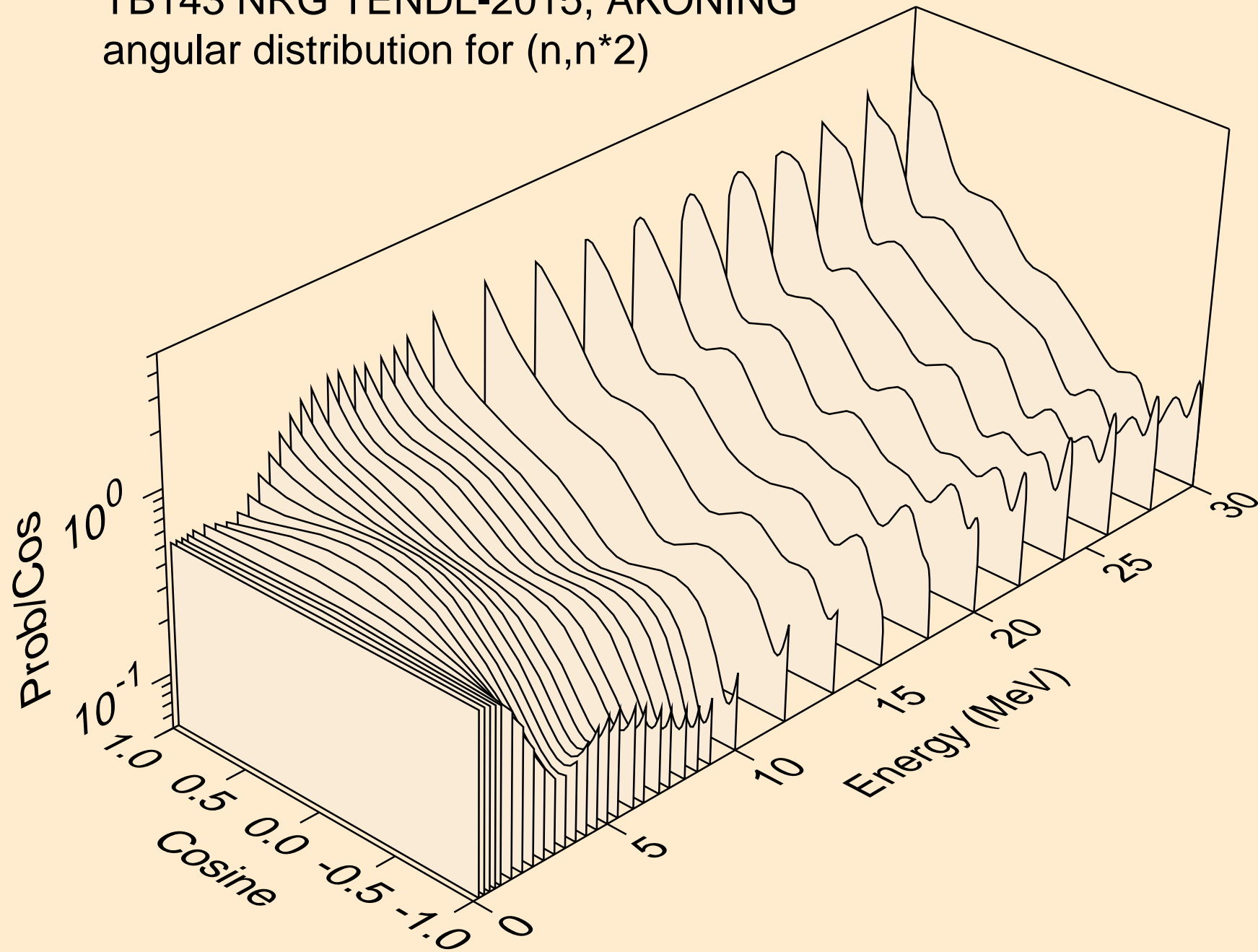




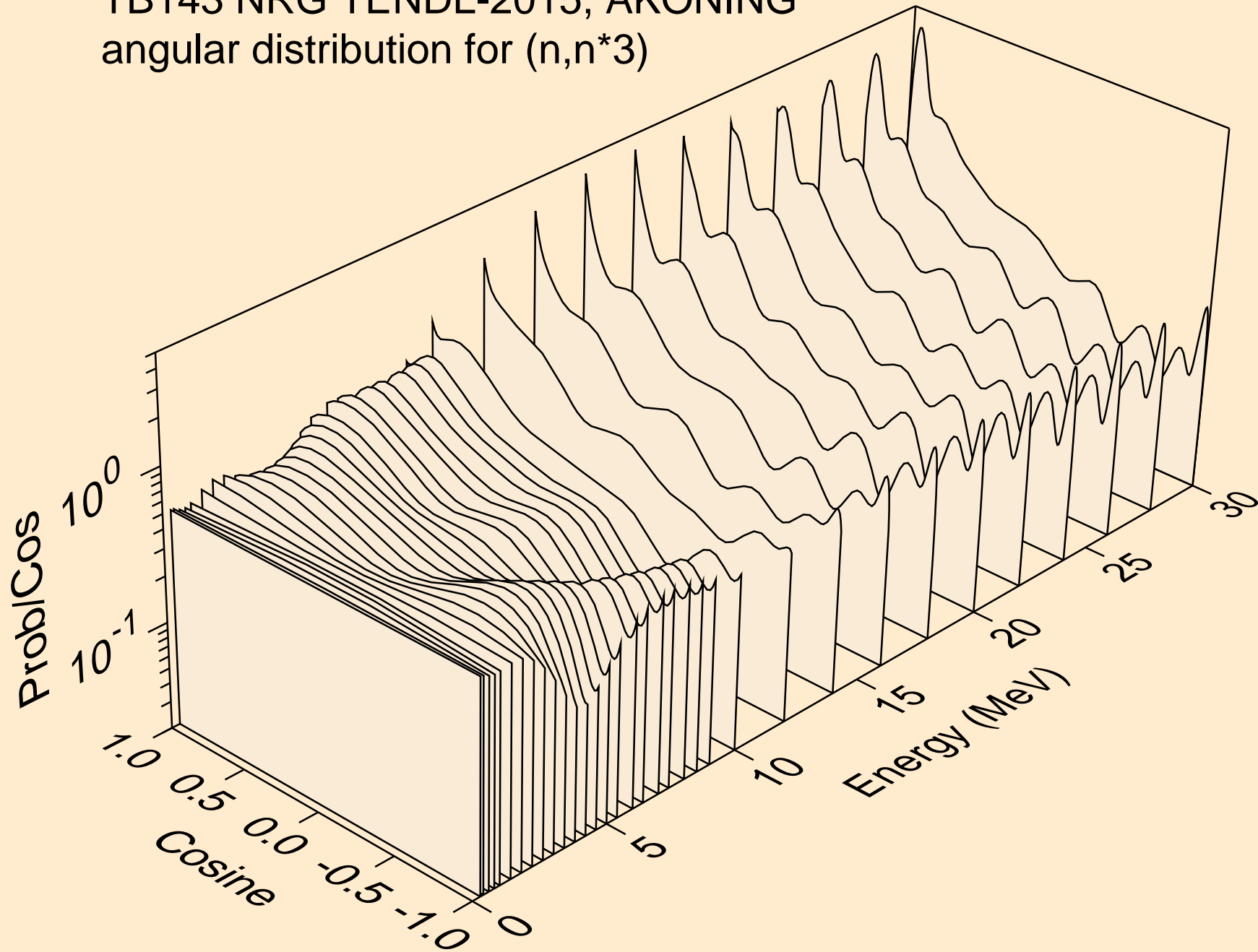
TB143 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



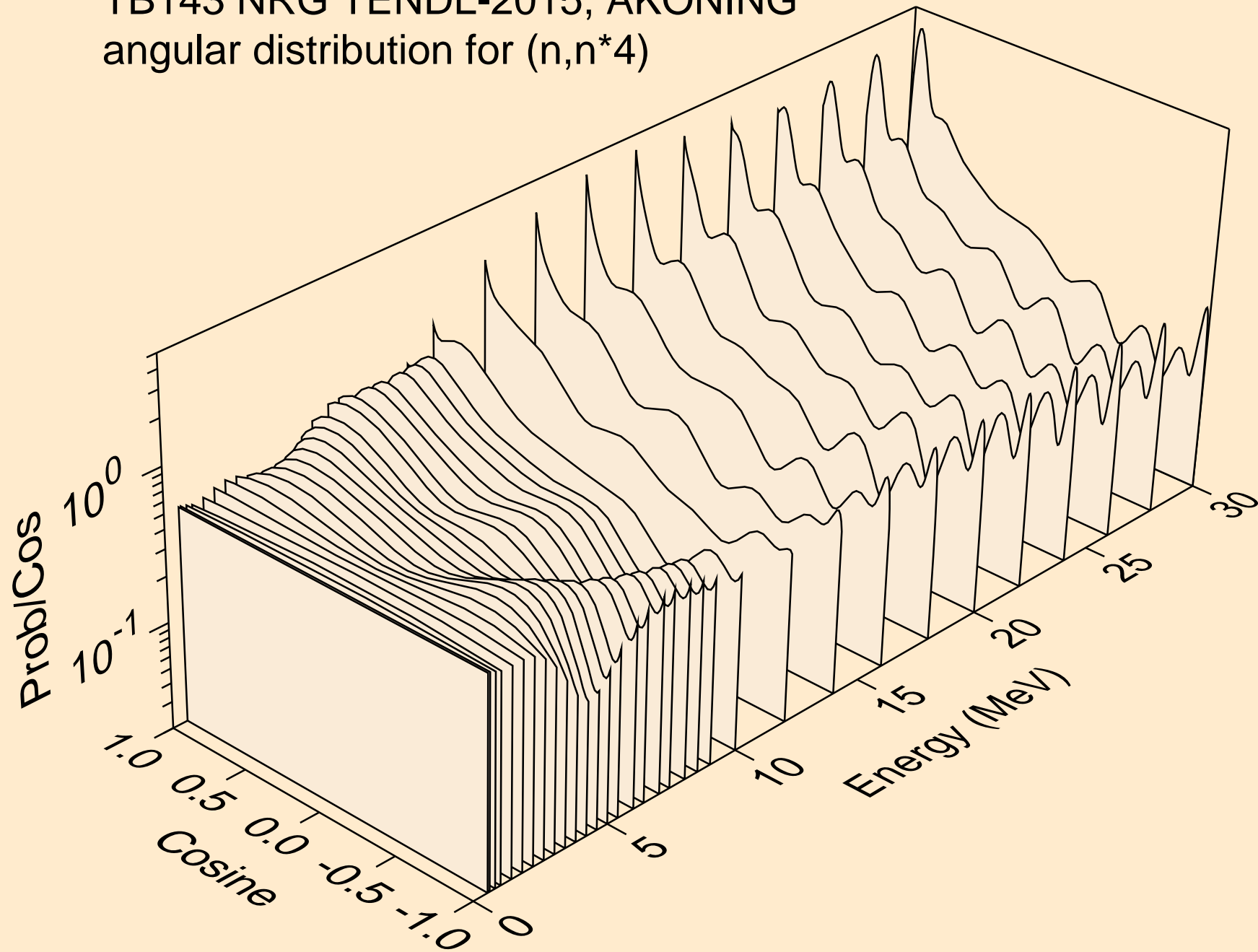
TB143 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



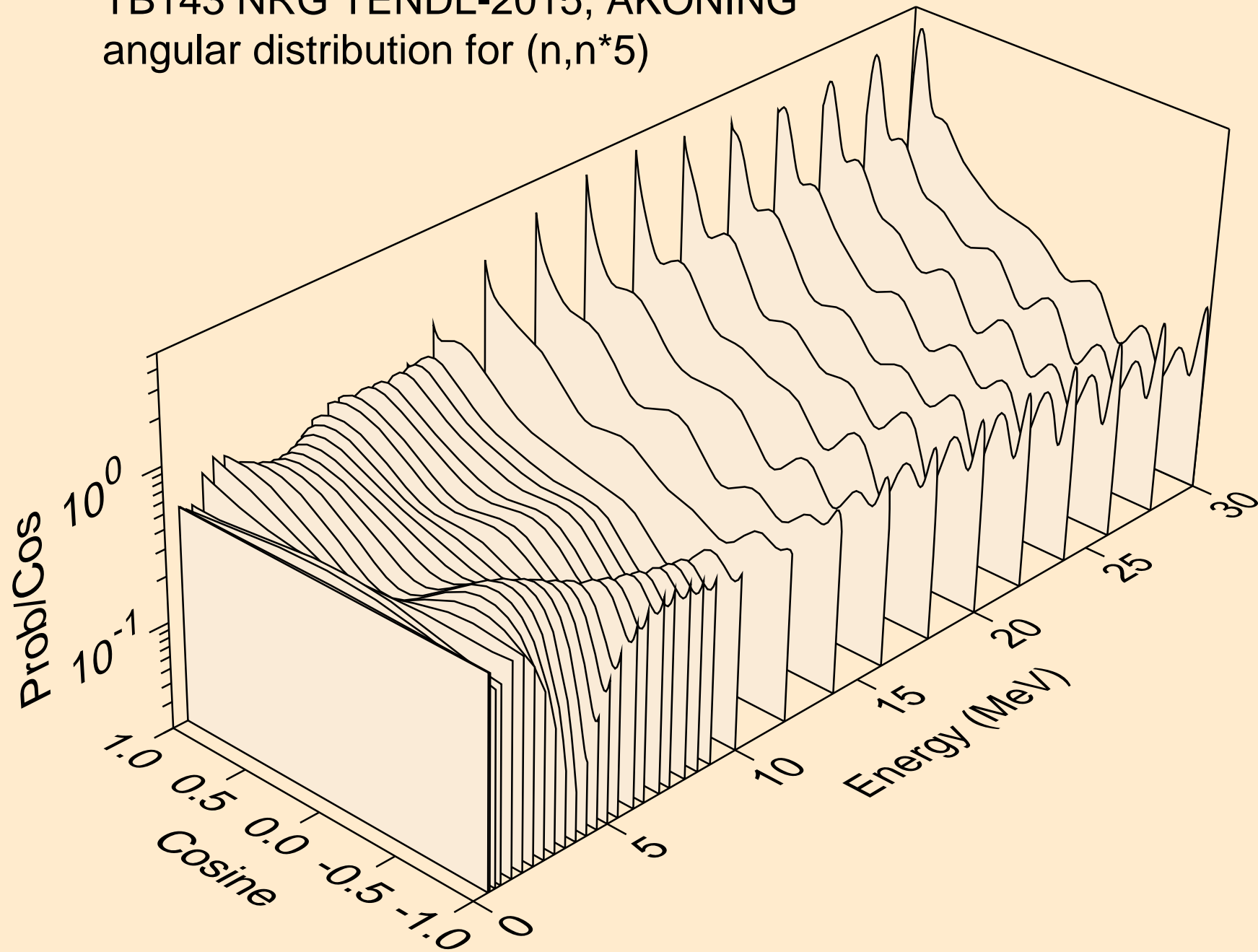
TB143 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



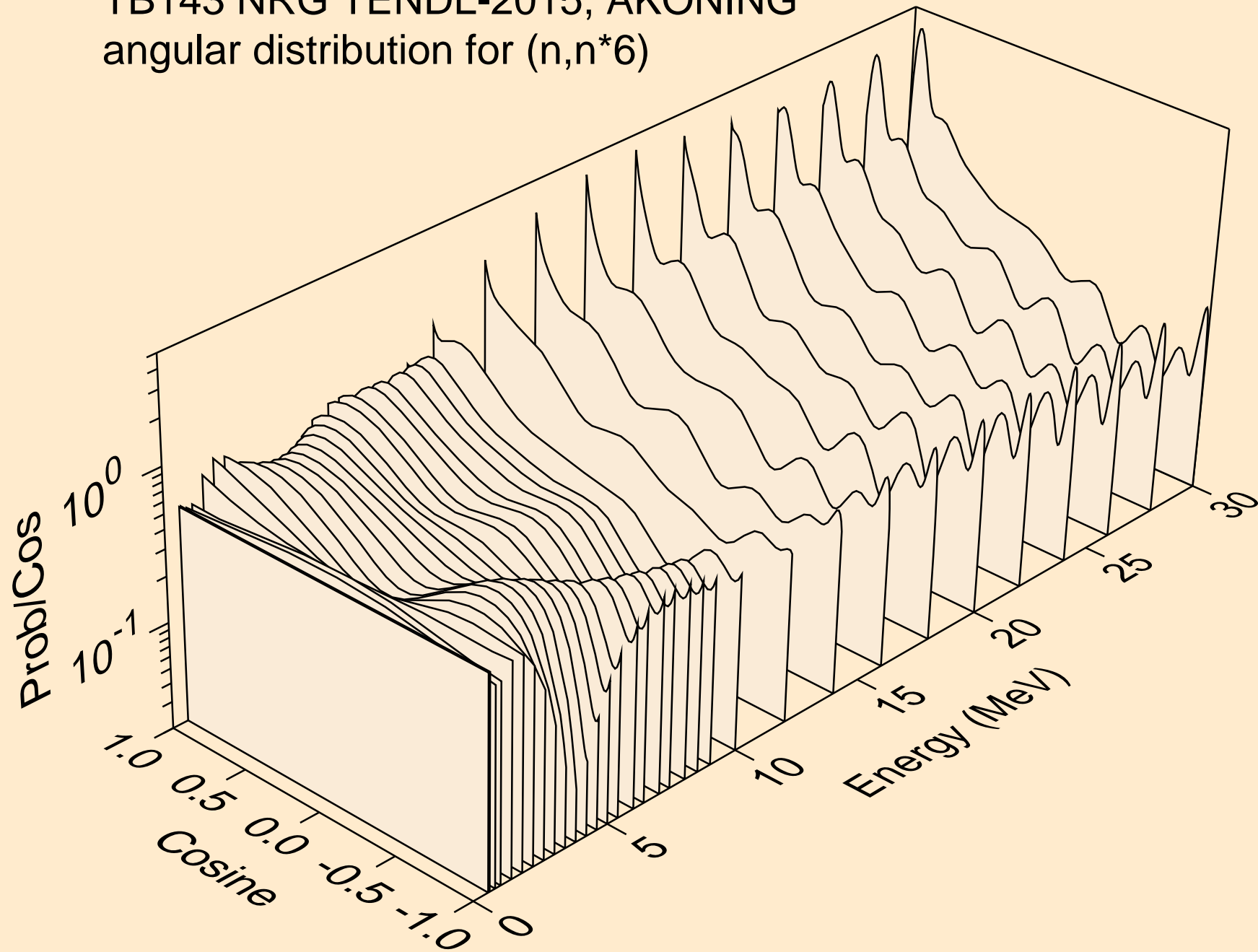
TB143 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



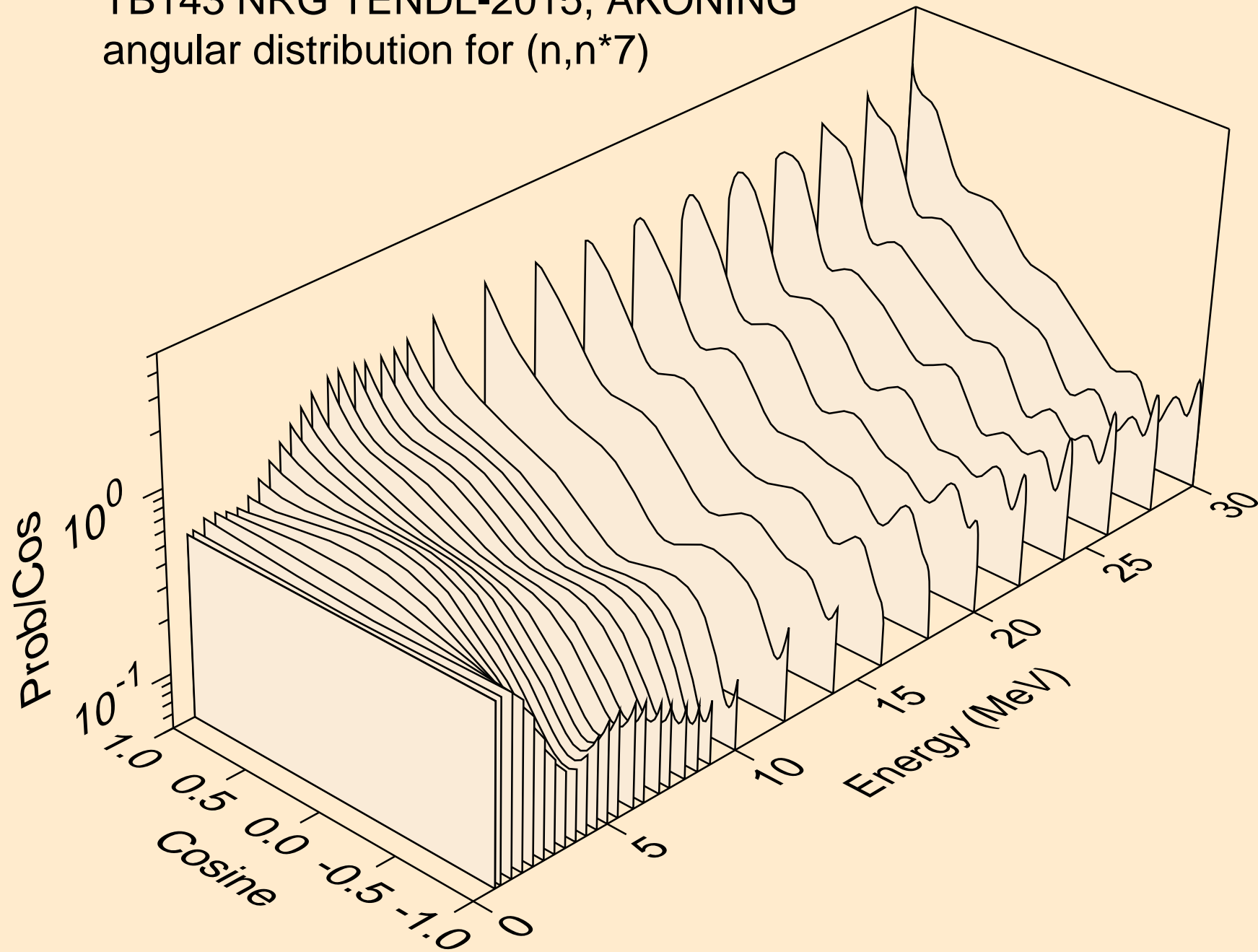
TB143 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



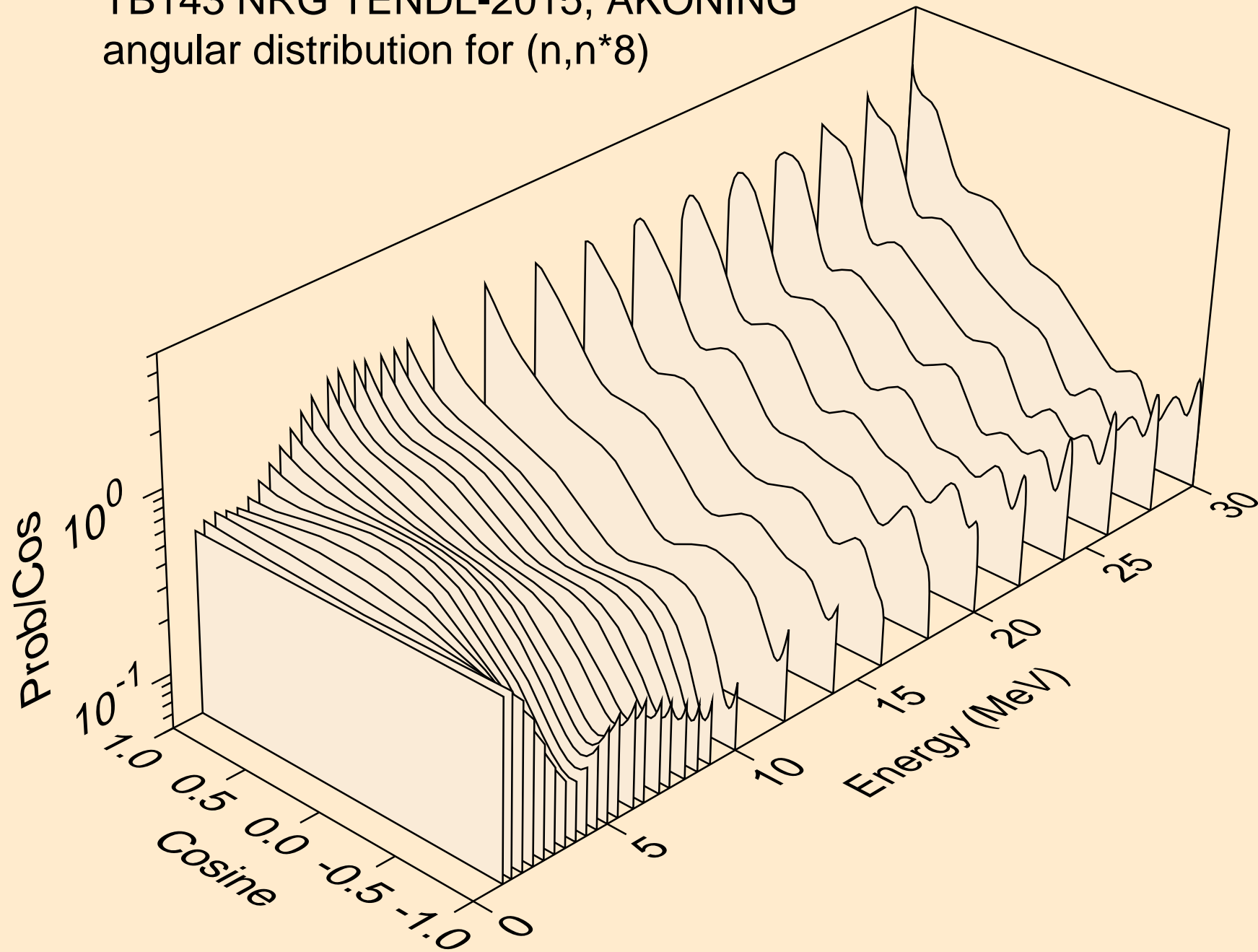
TB143 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



TB143 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

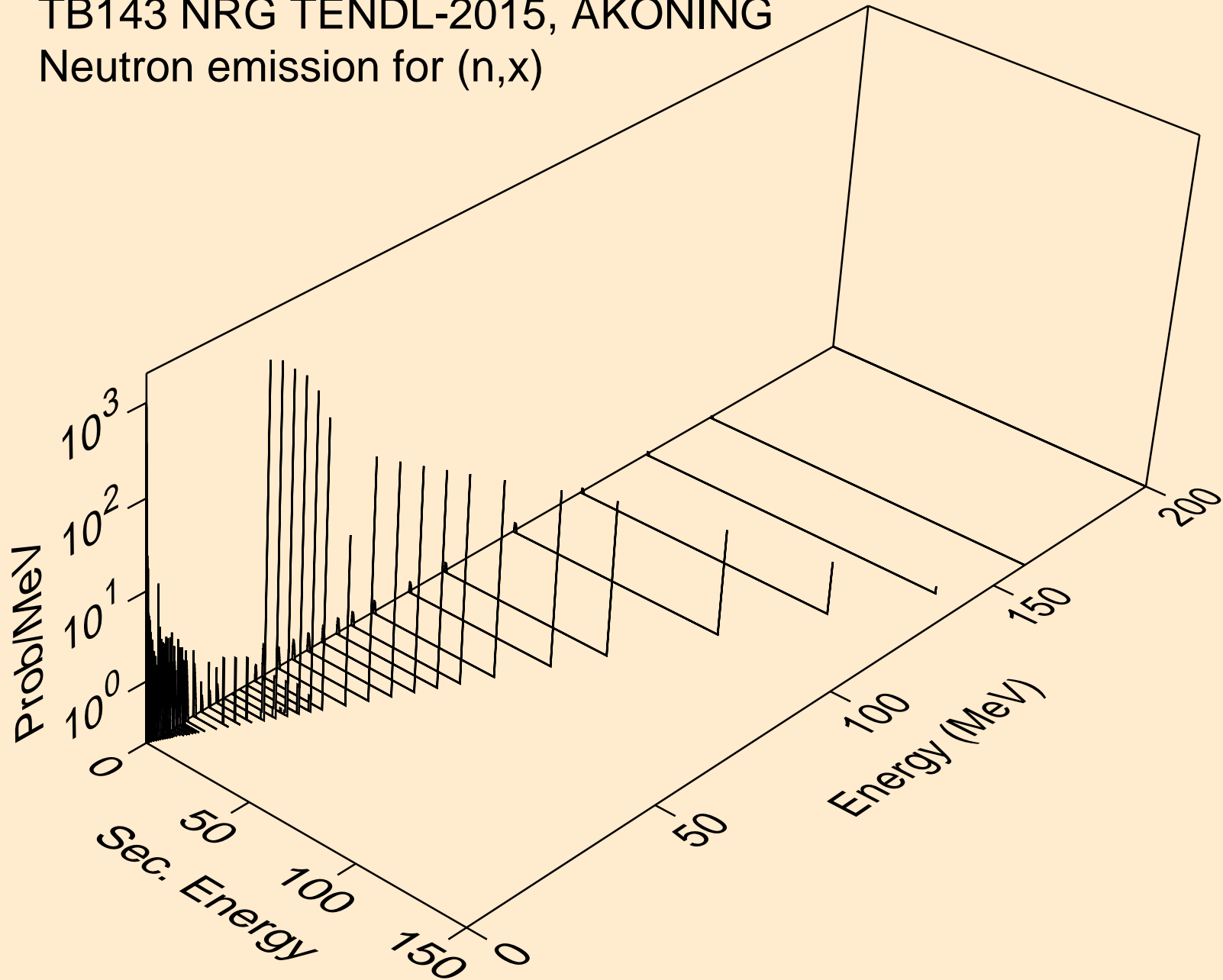


TB143 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)

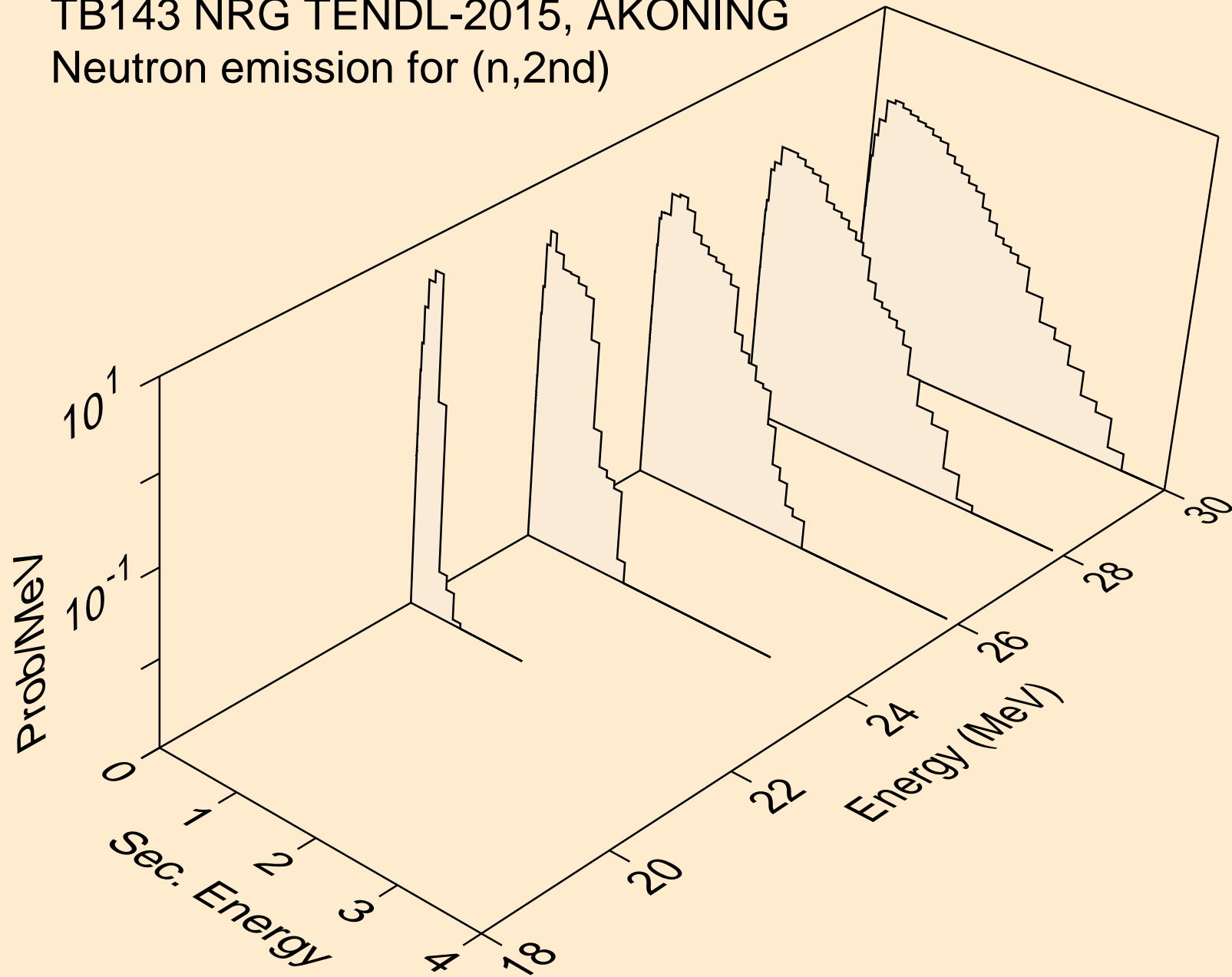




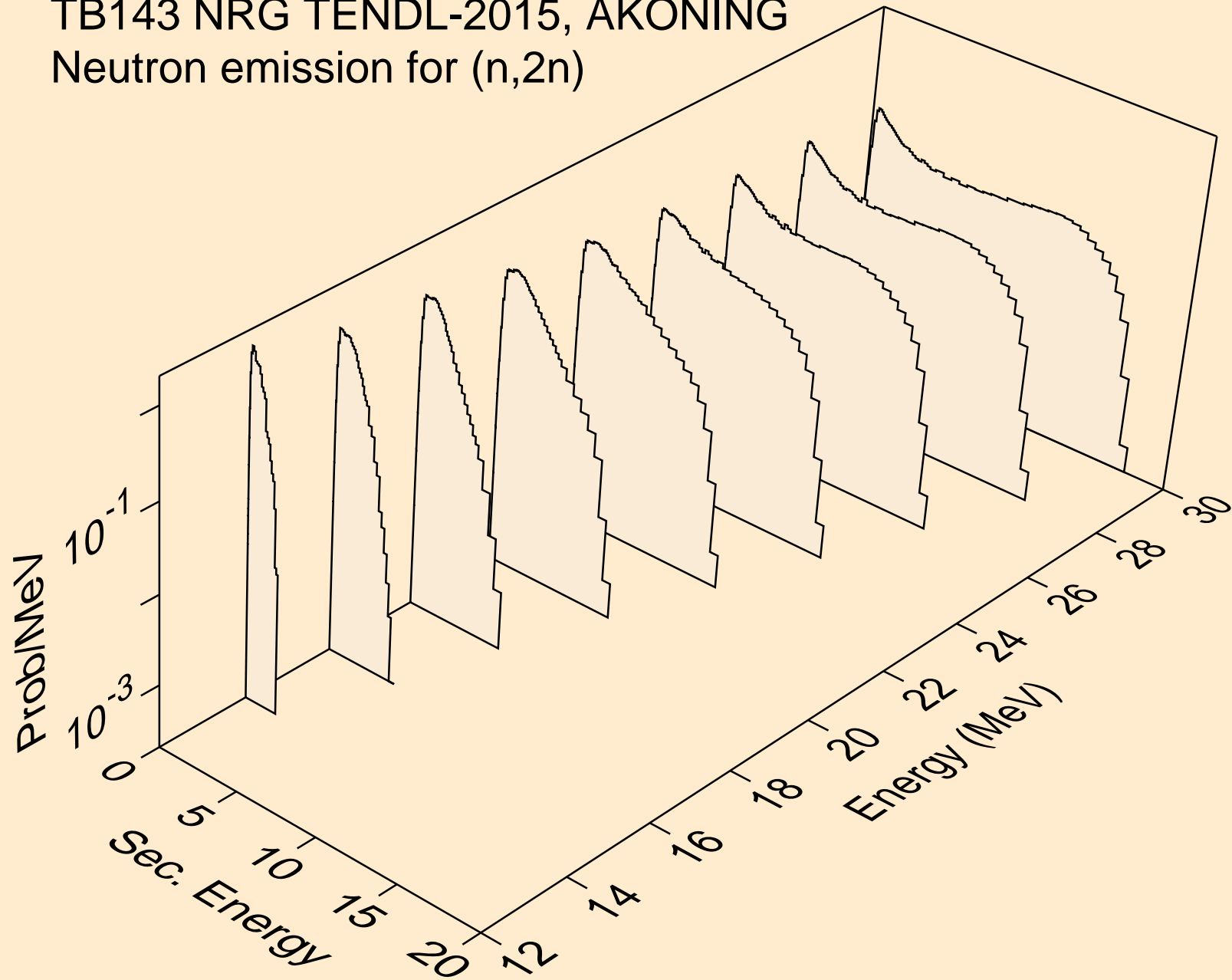
TB143 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



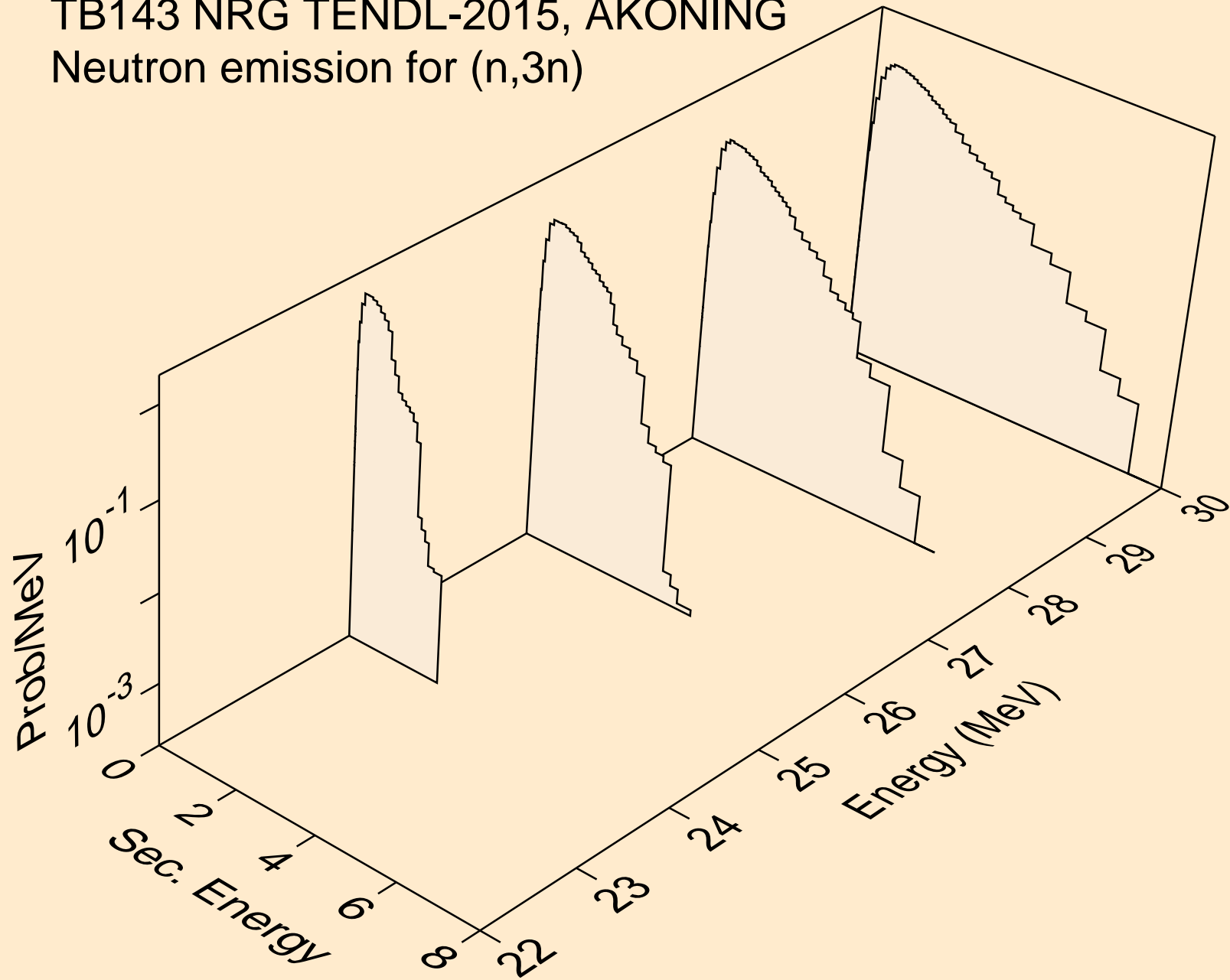
TB143 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



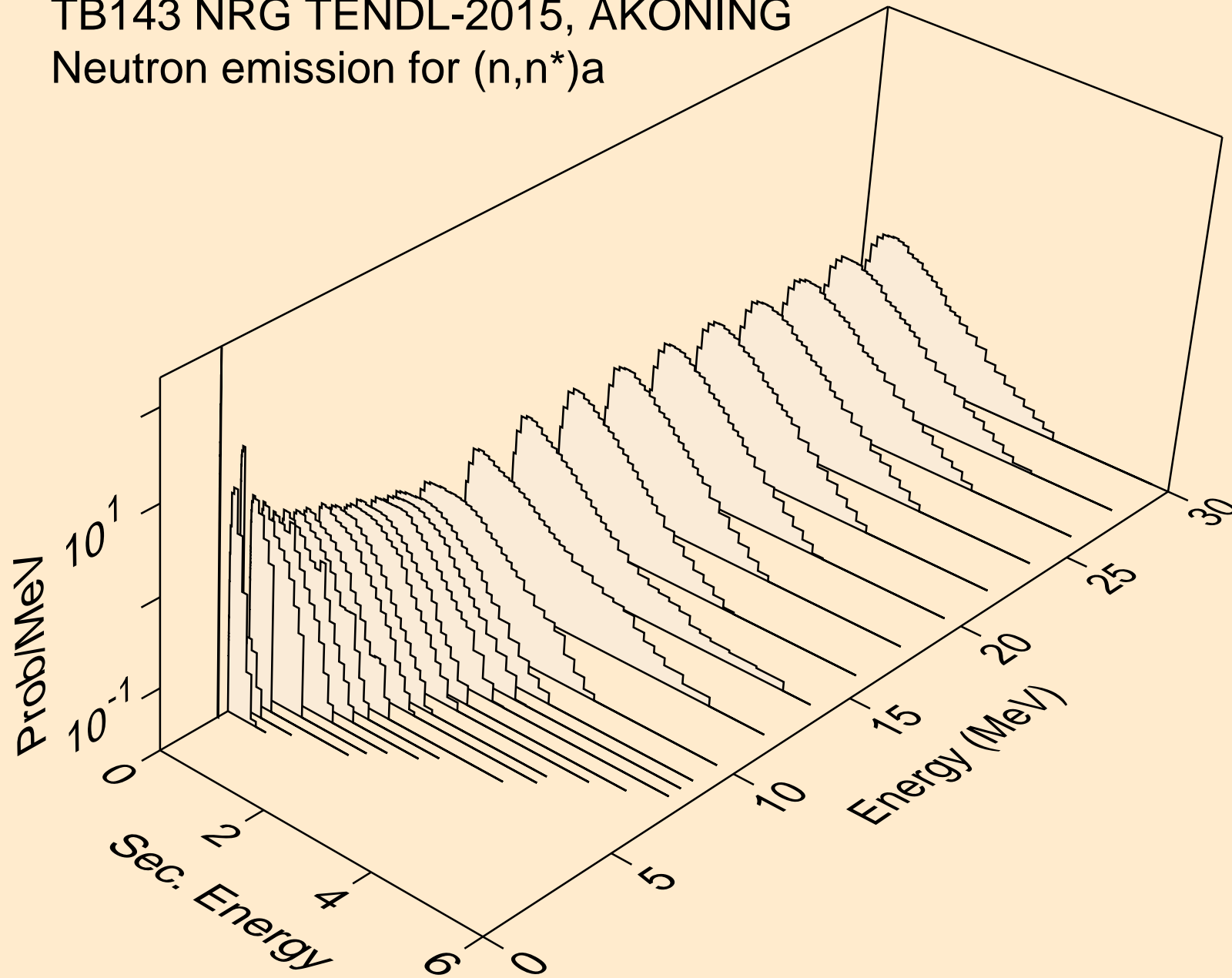
TB143 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



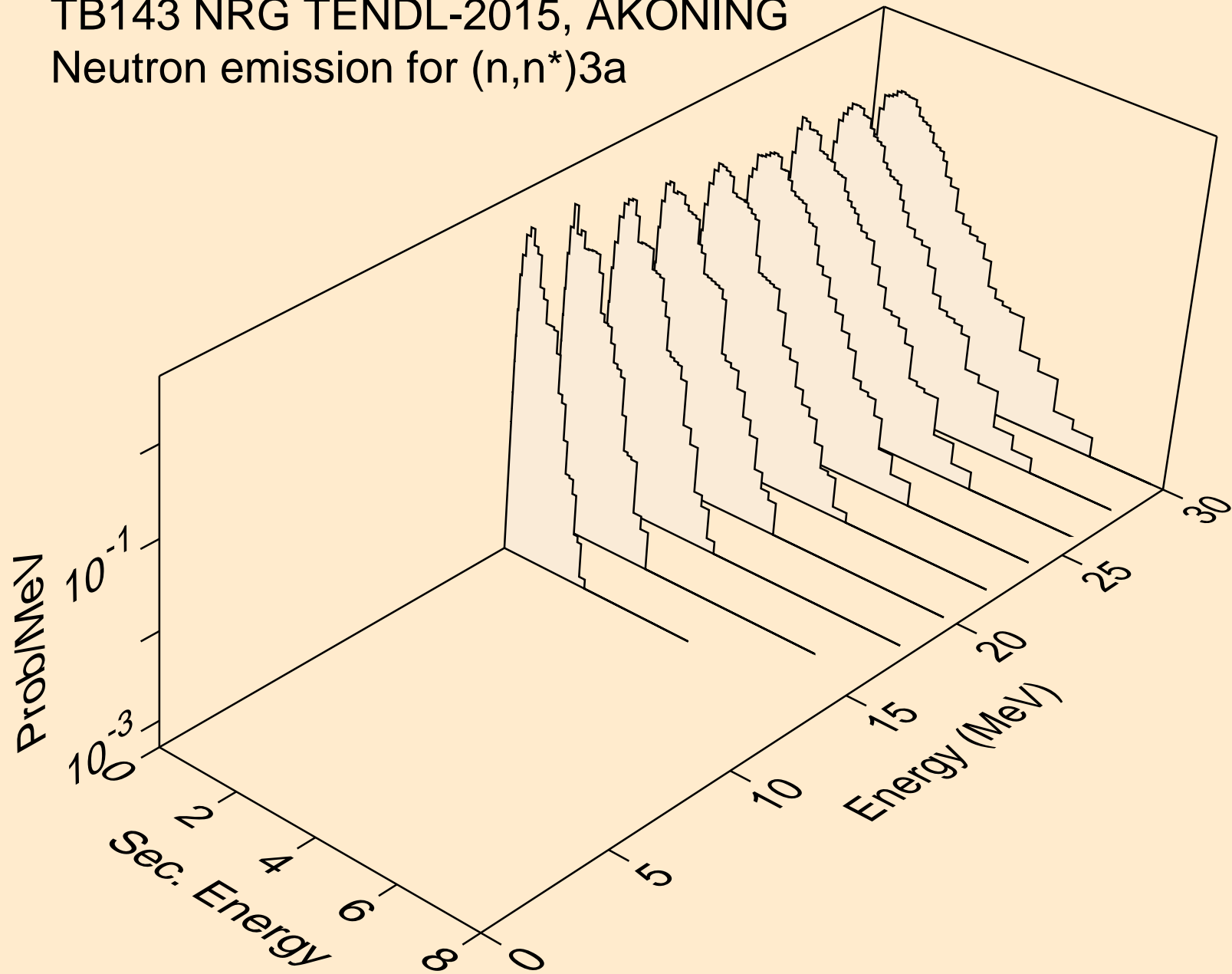
TB143 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



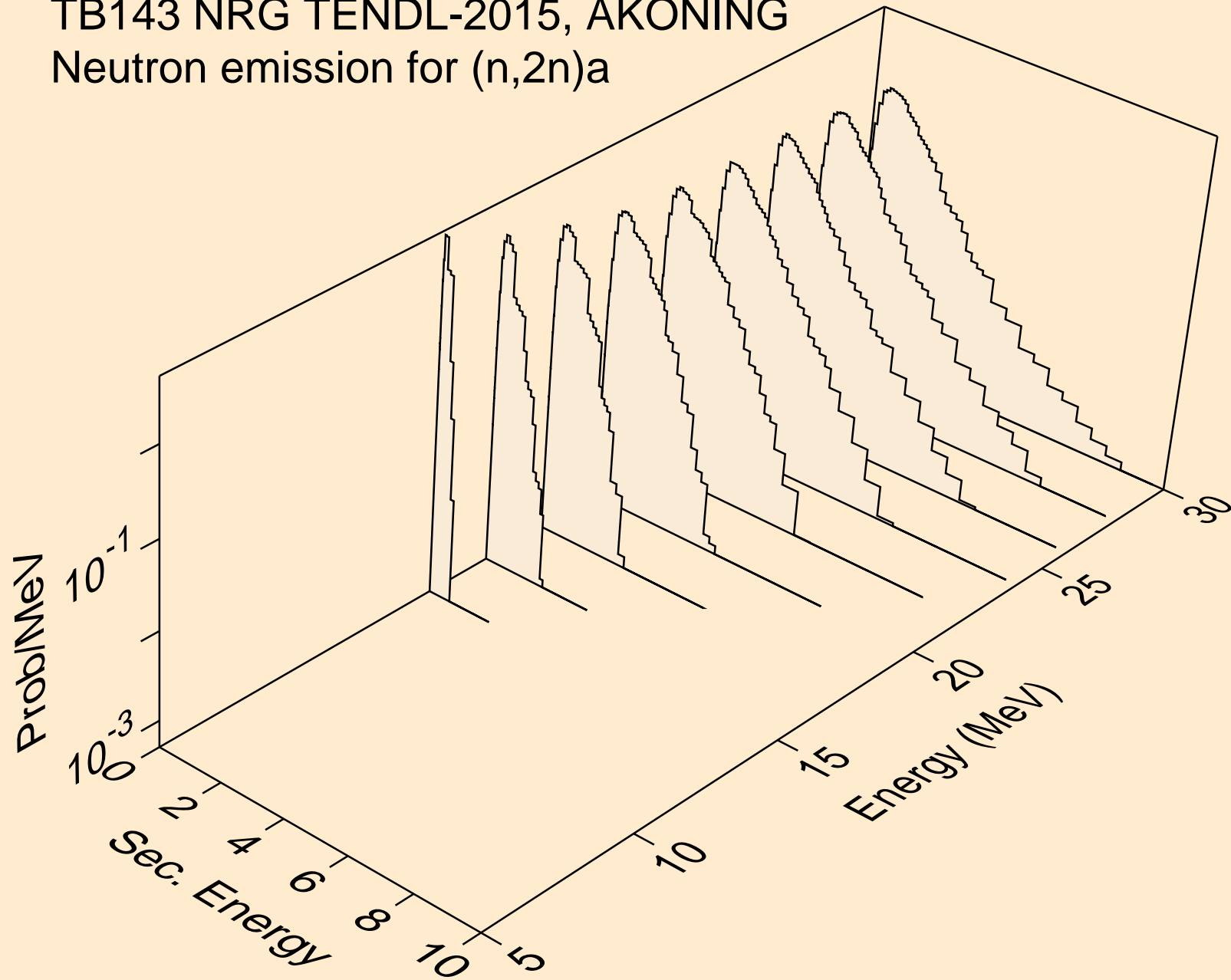
TB143 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



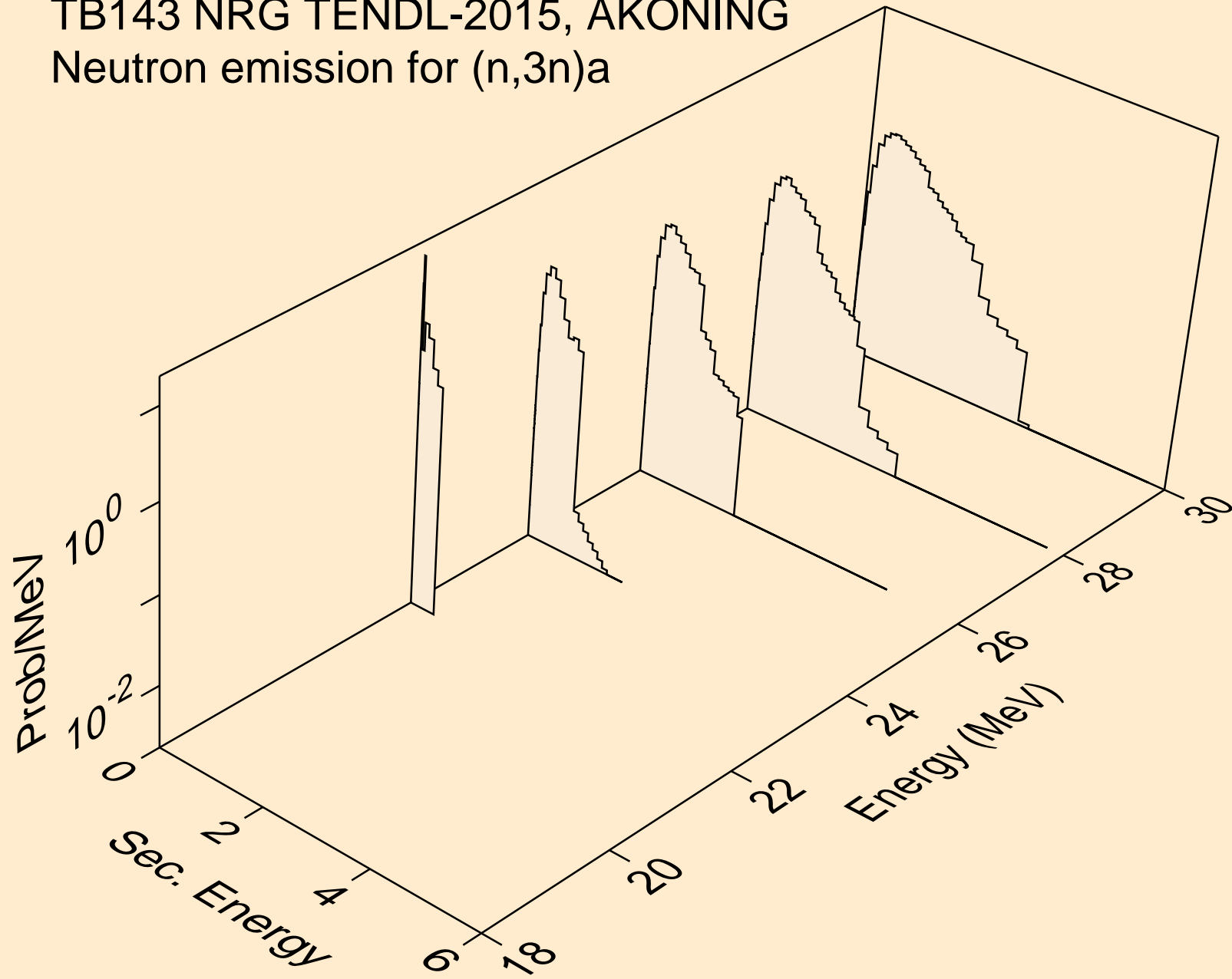
TB143 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)3a



TB143 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a

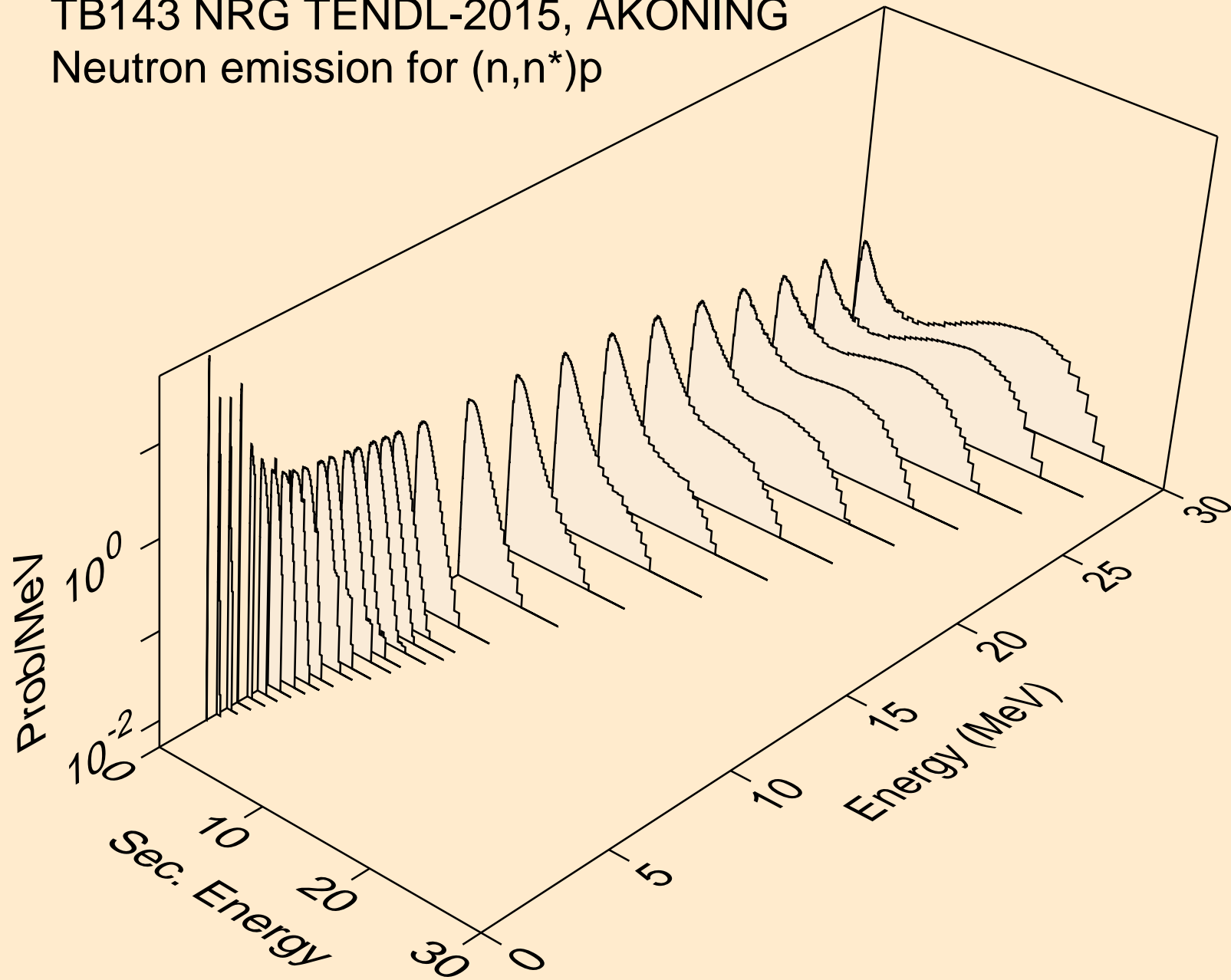


TB143 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

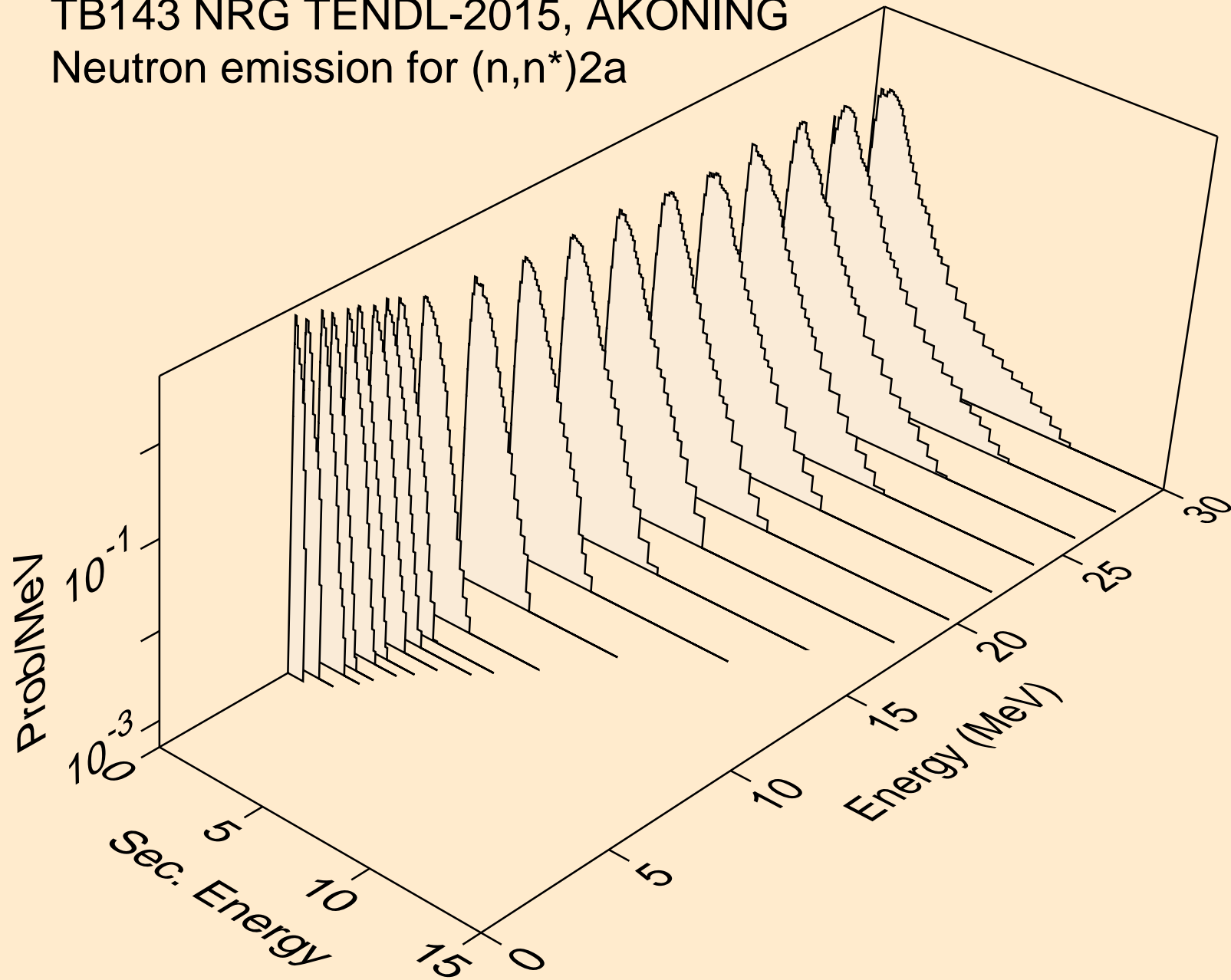




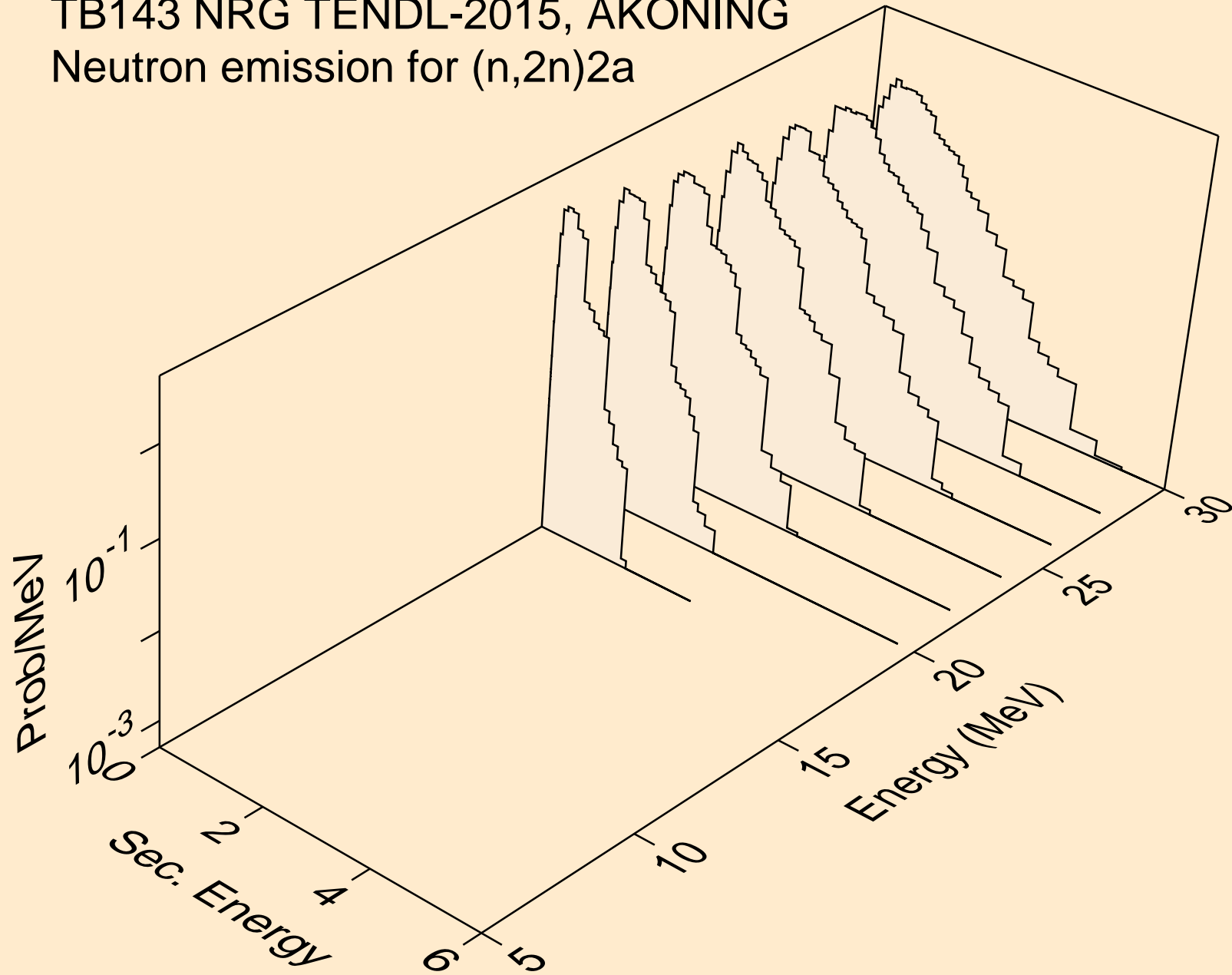
TB143 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



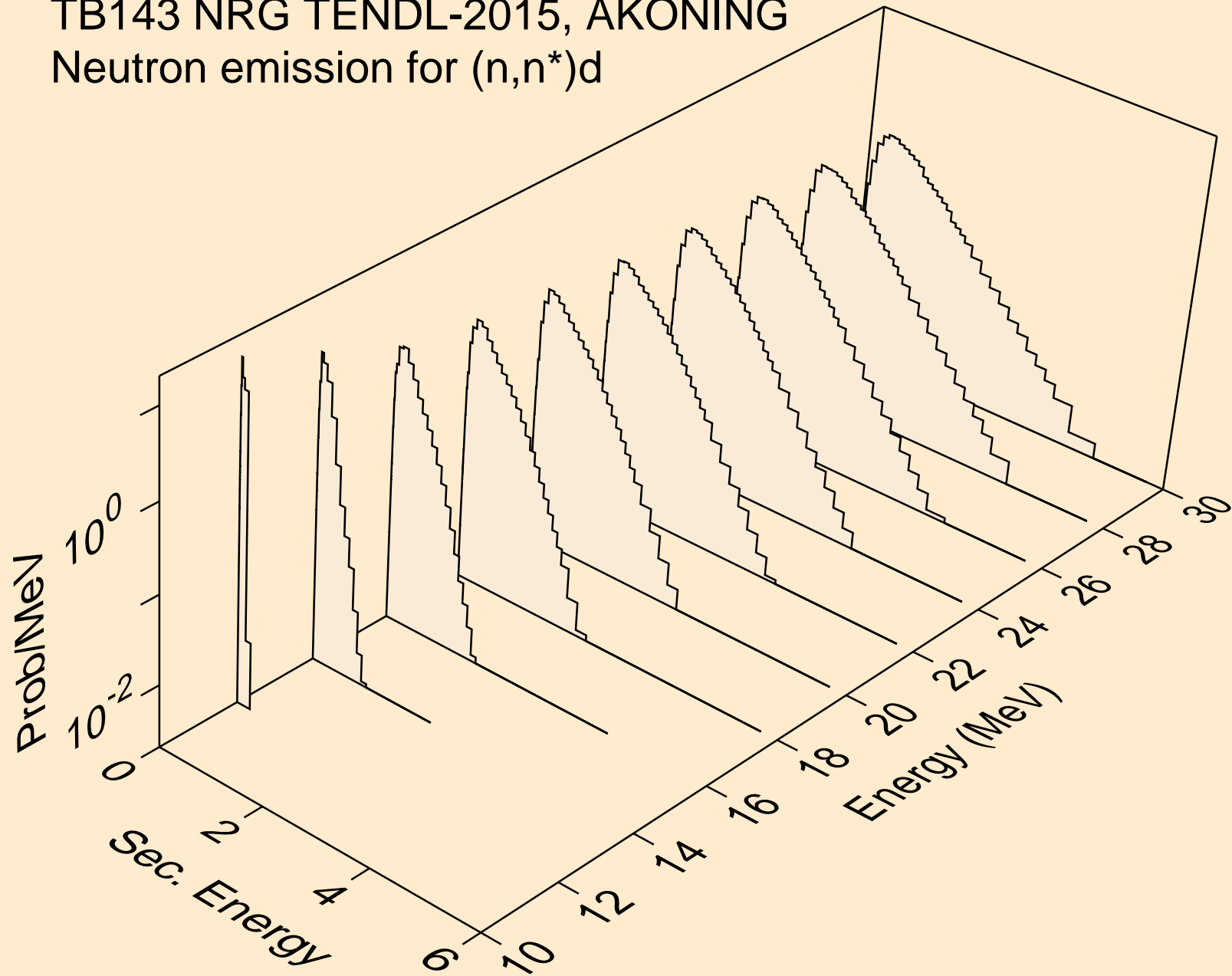
TB143 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



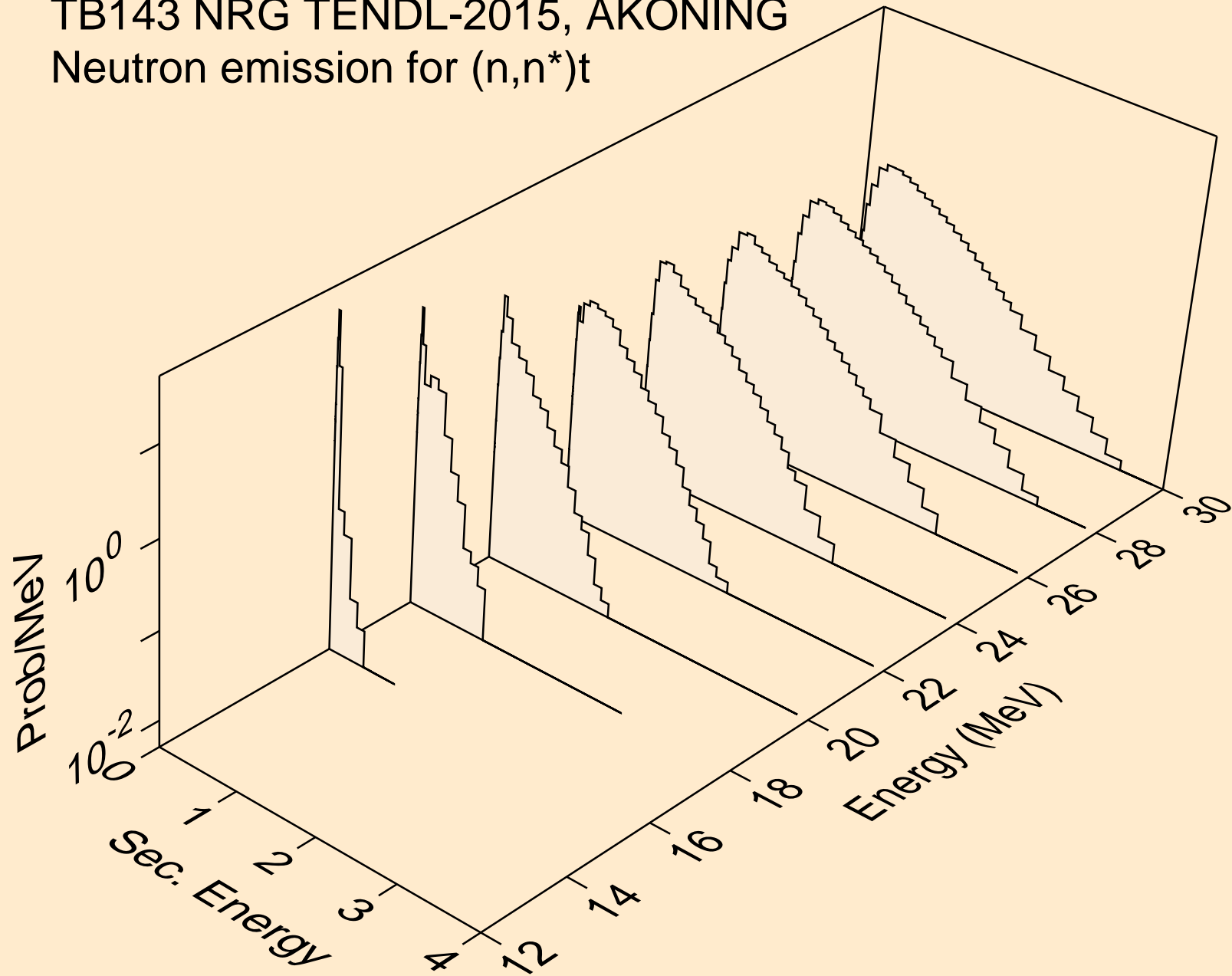
TB143 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



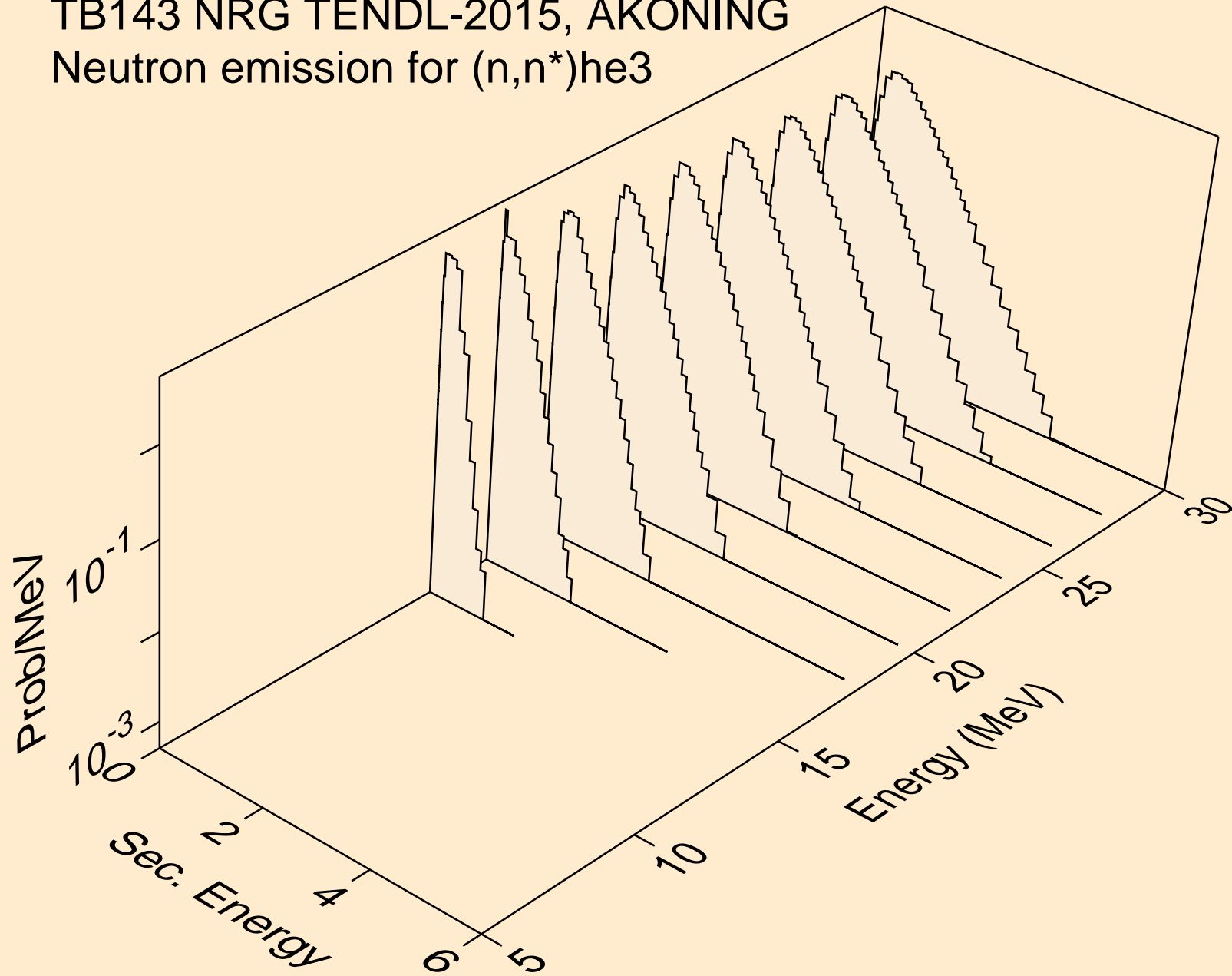
TB143 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



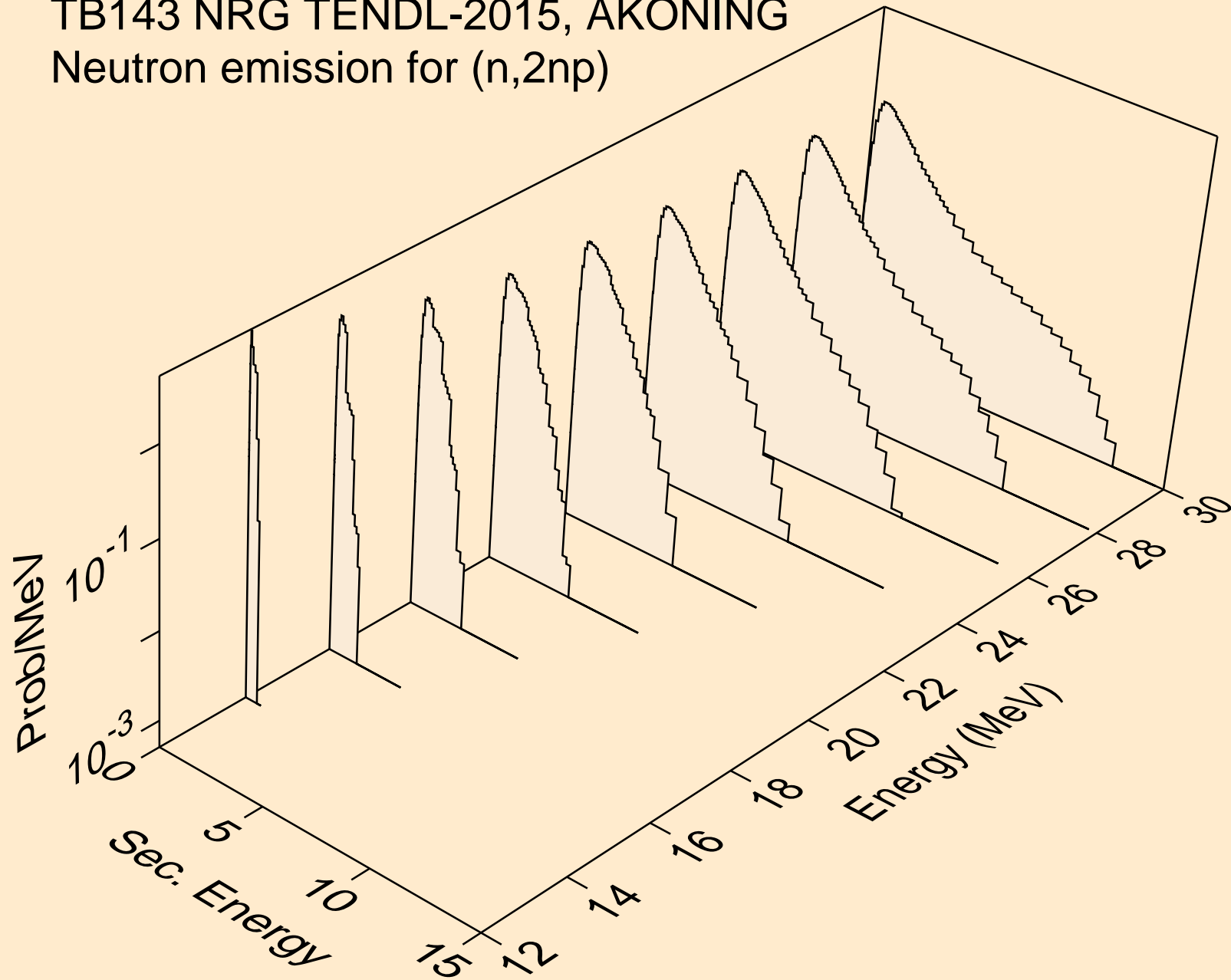
TB143 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



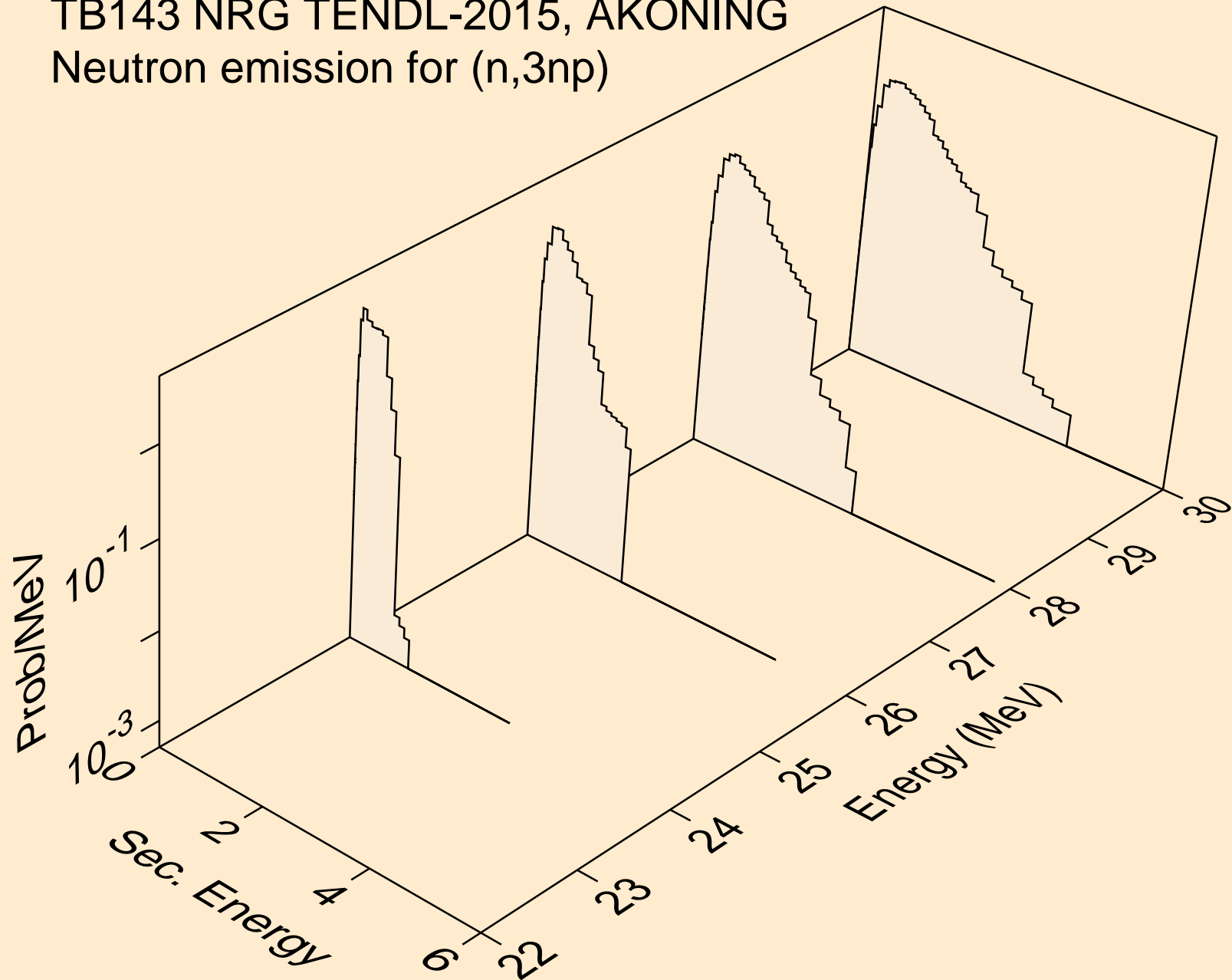
TB143 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



TB143 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

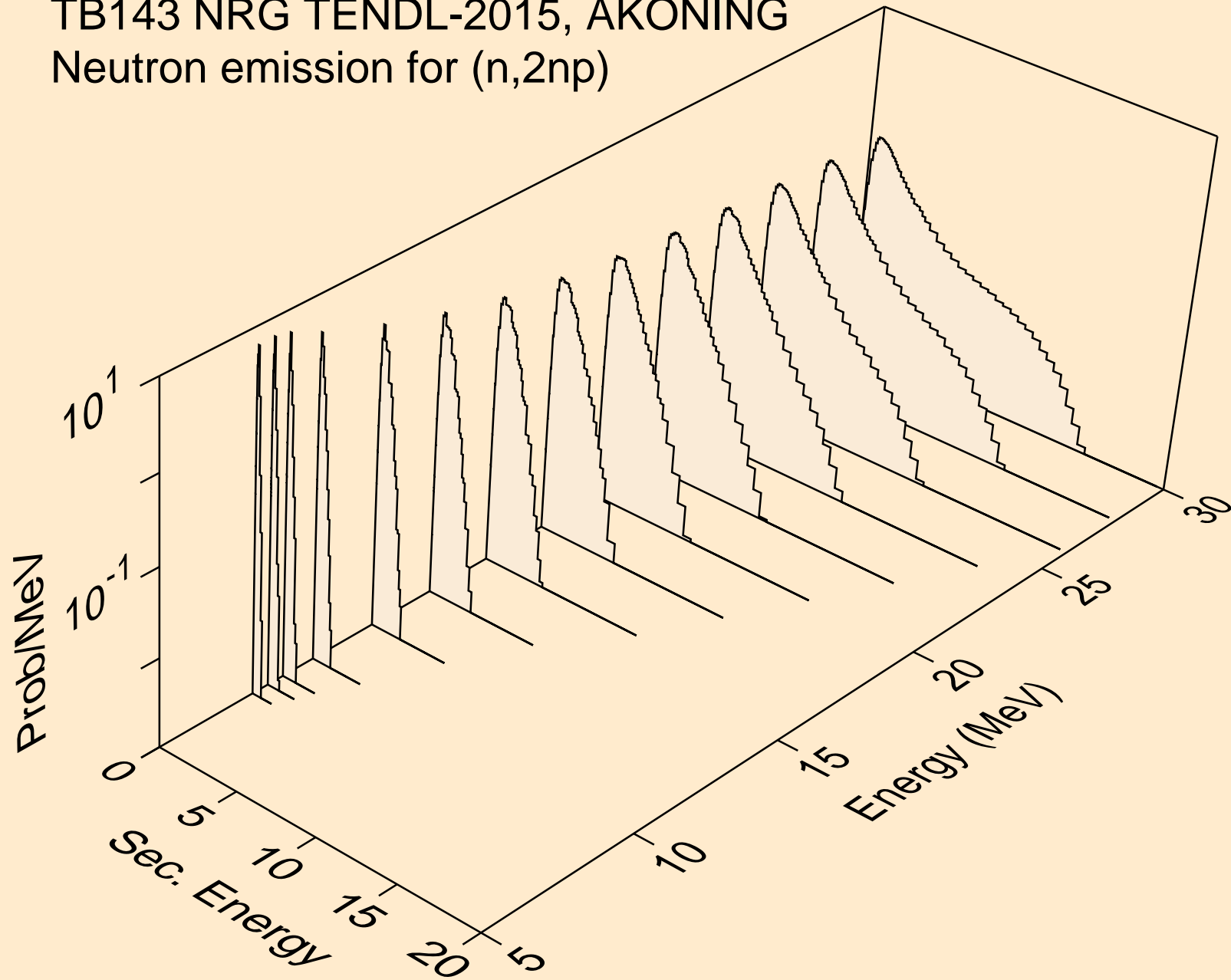


TB143 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

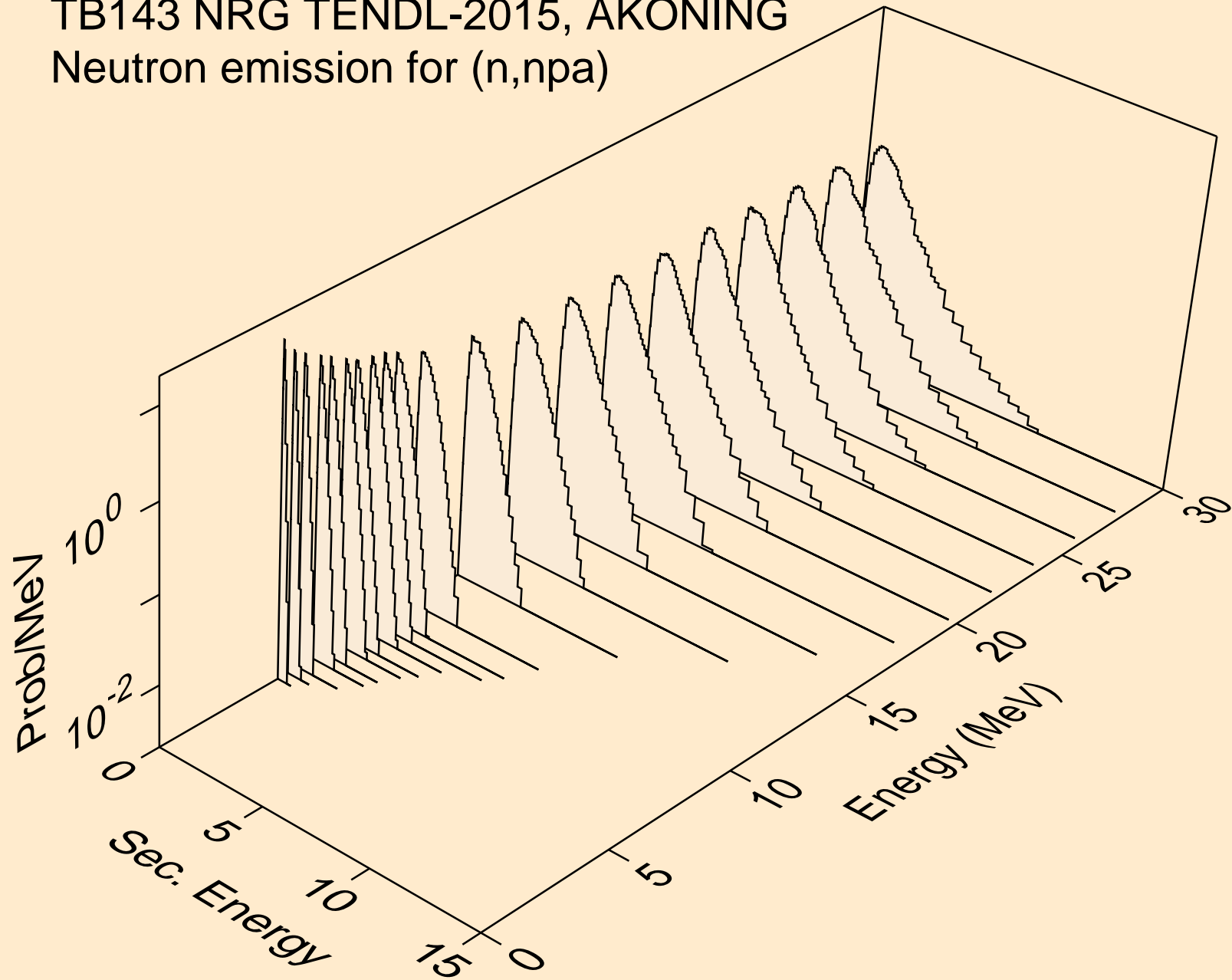




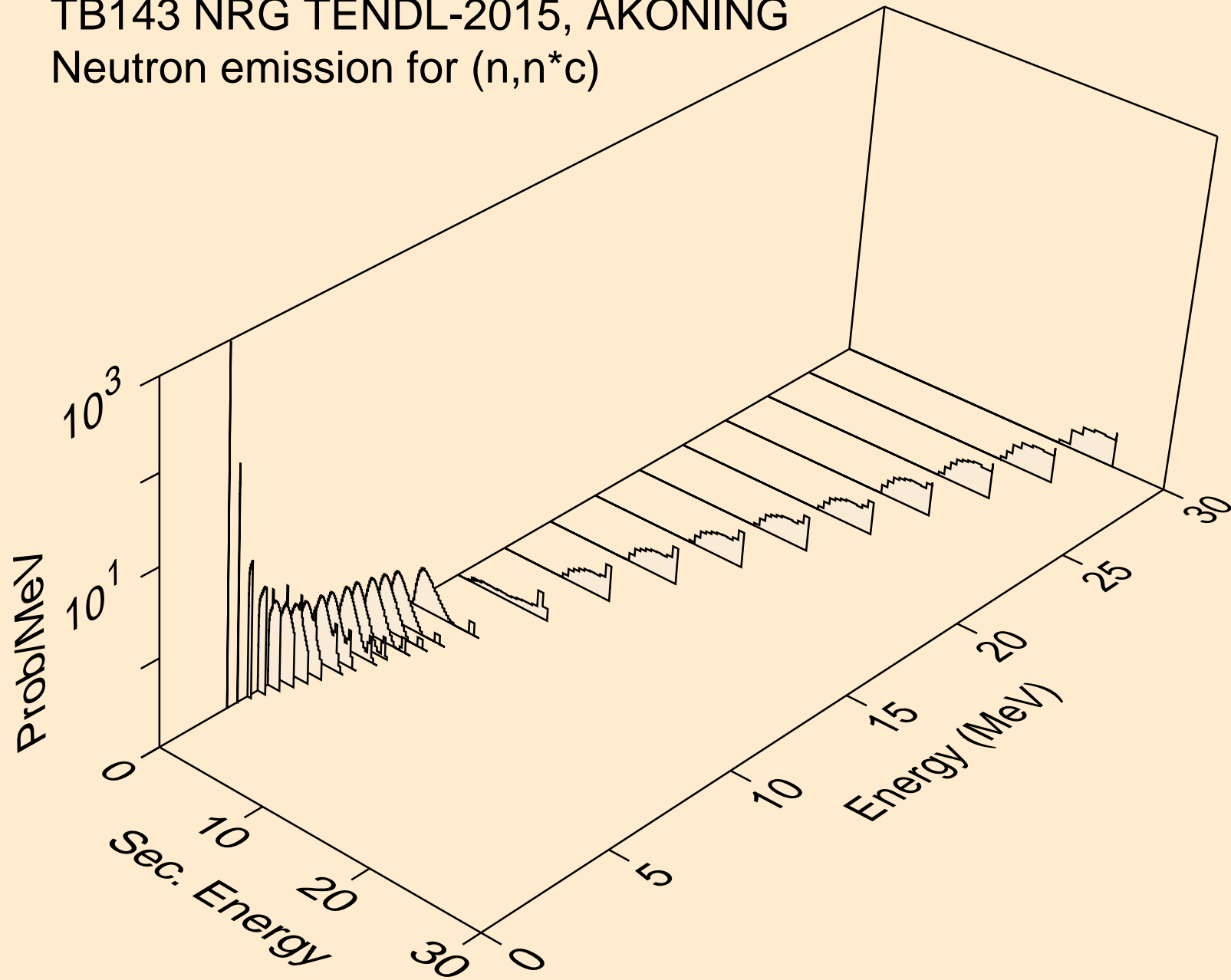
TB143 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



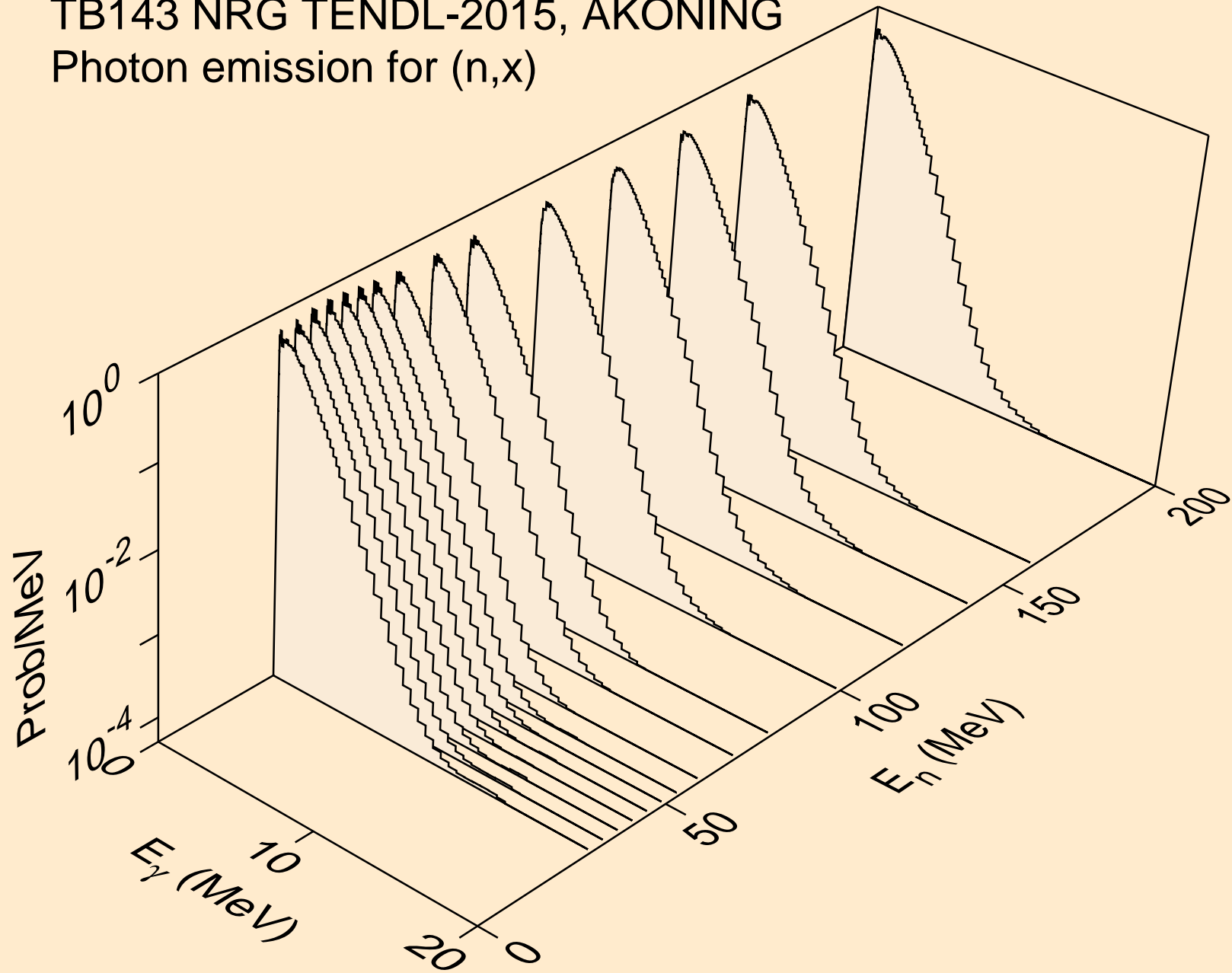
TB143 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



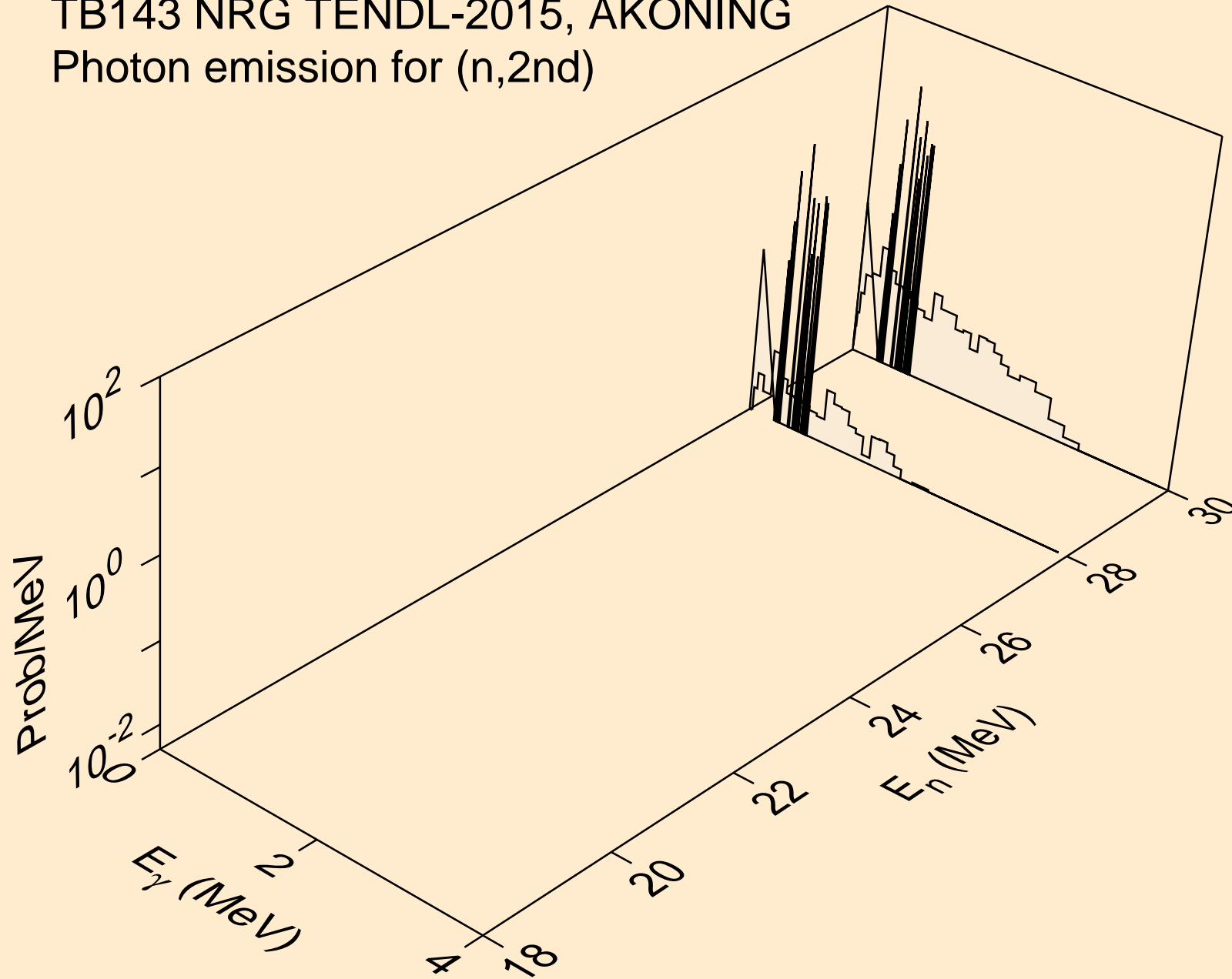
TB143 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



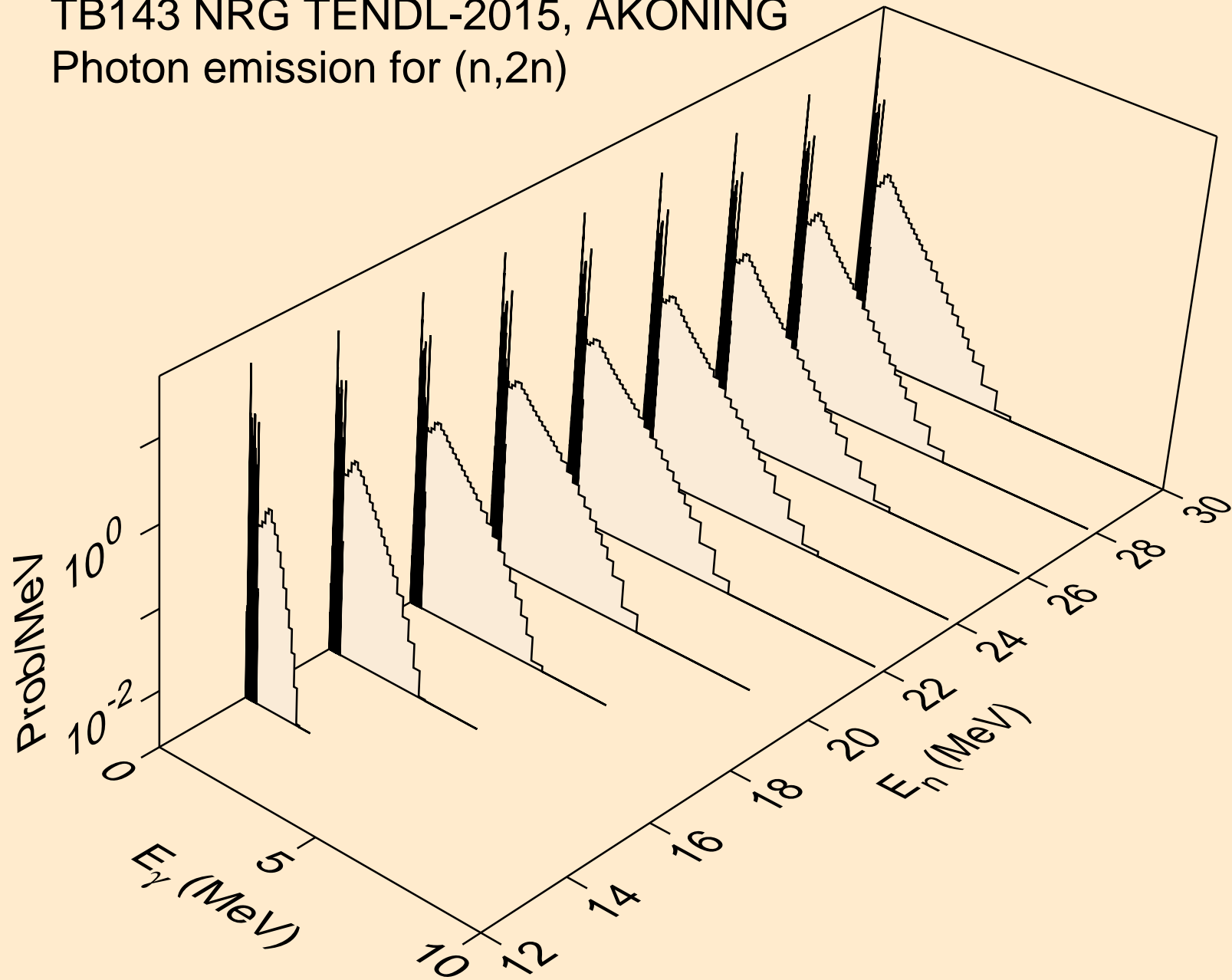
TB143 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



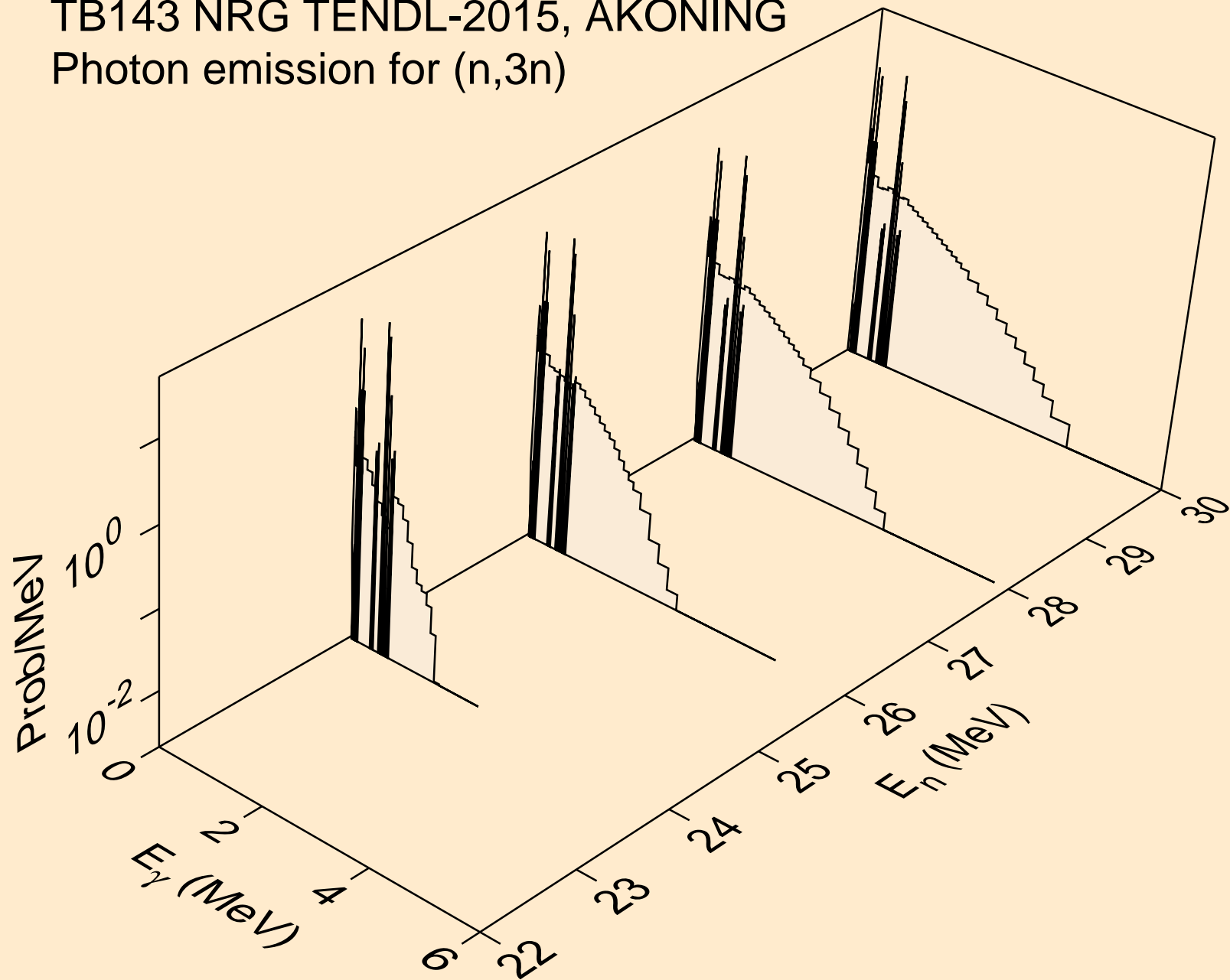
TB143 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



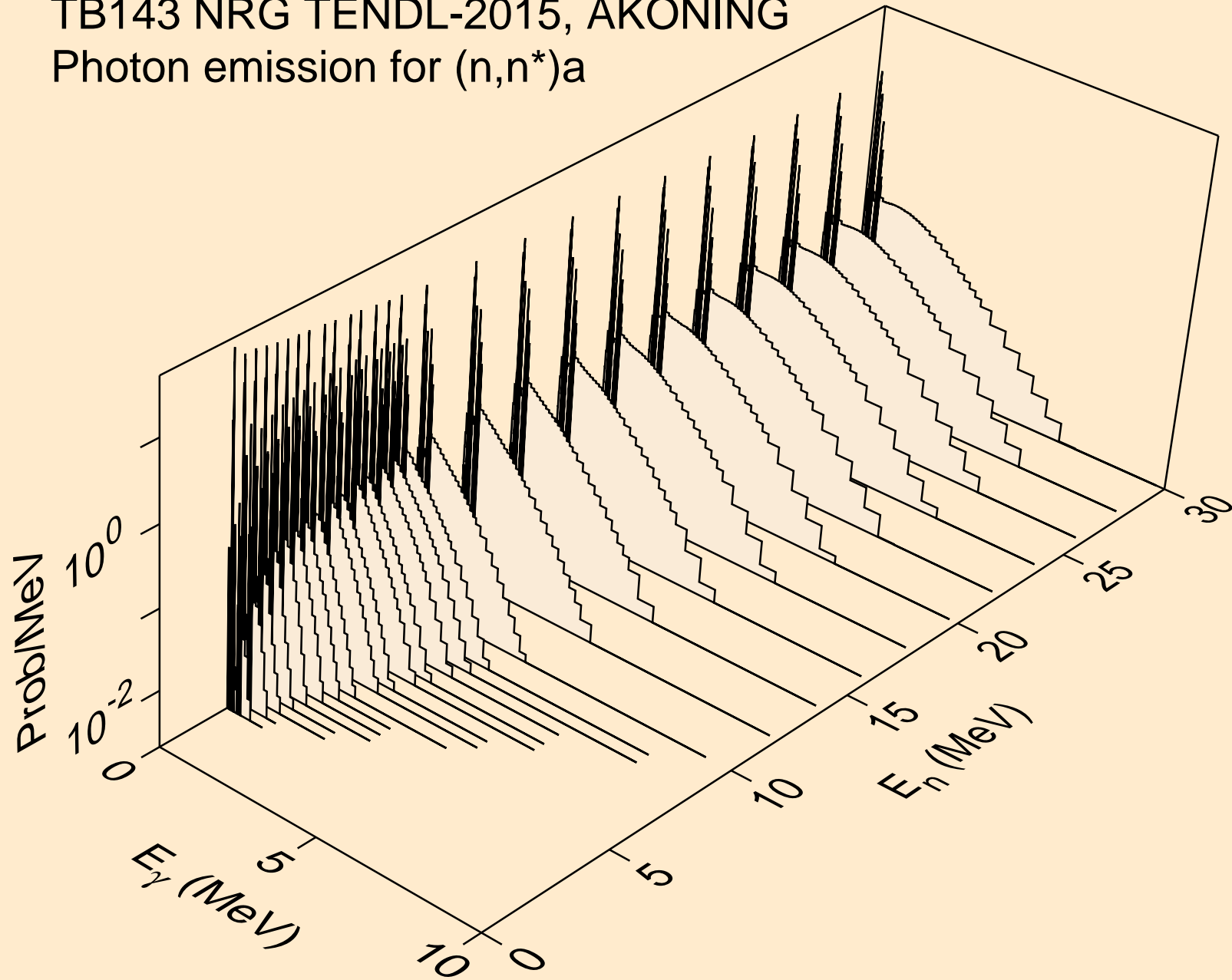
TB143 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



TB143 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

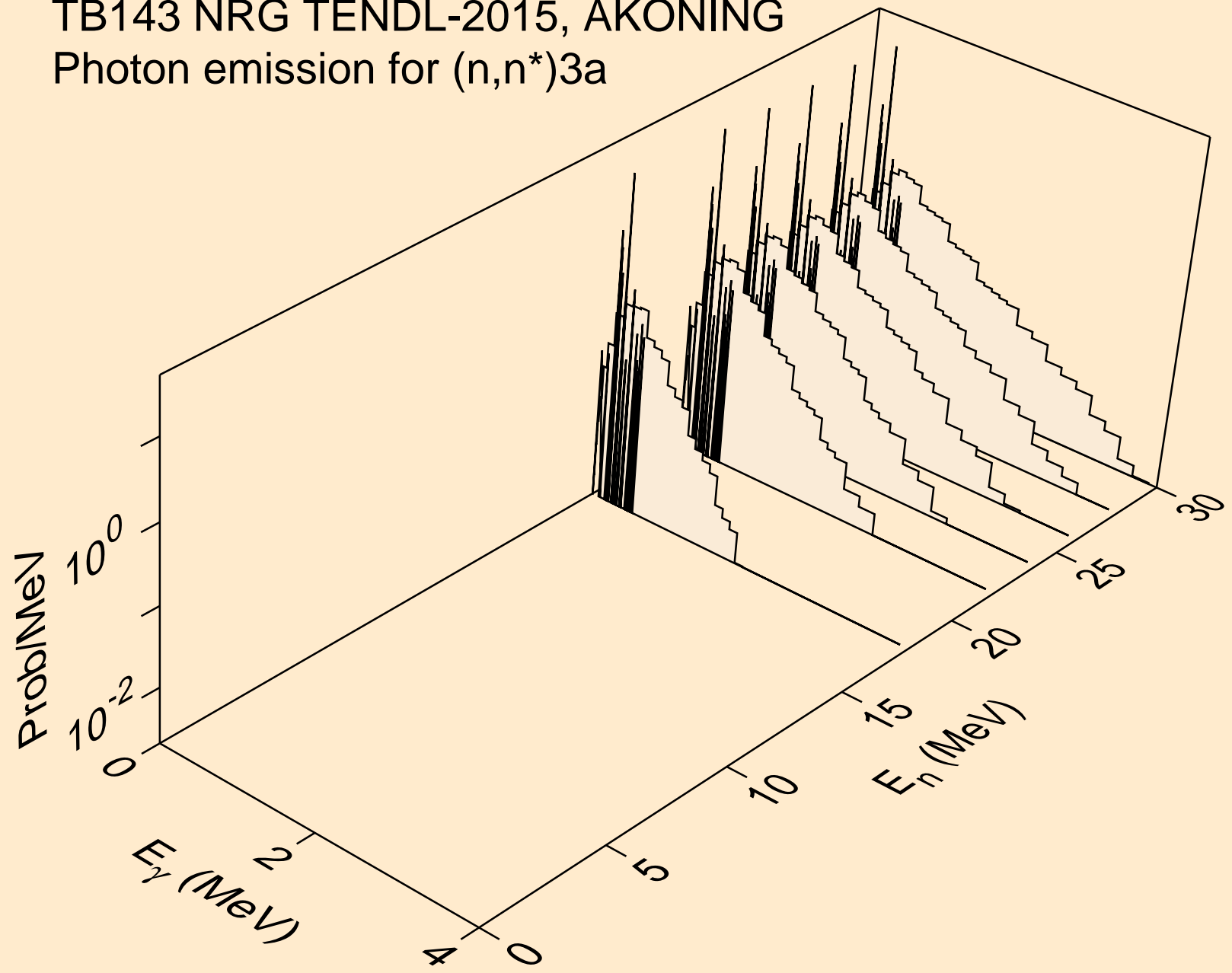


TB143 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

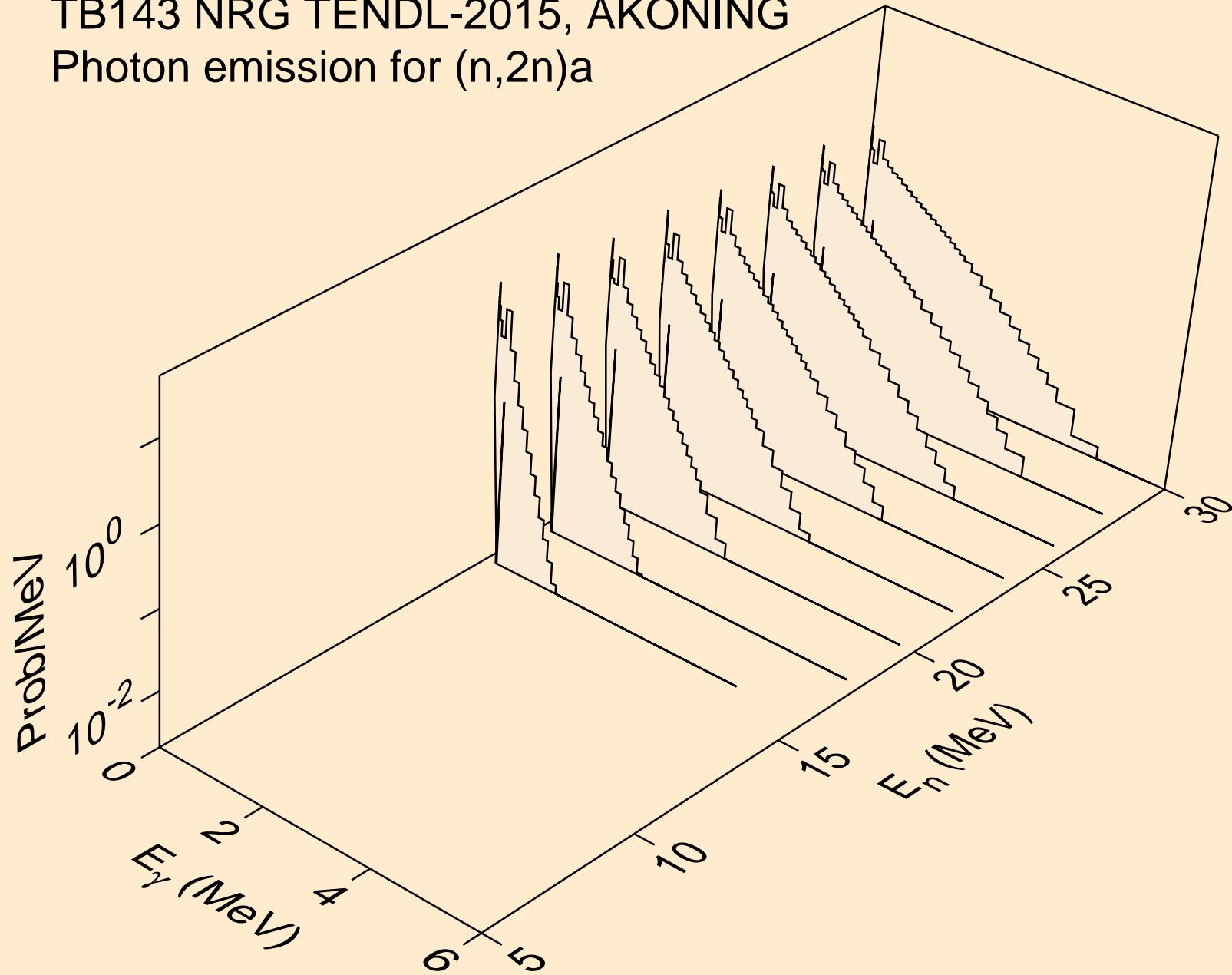




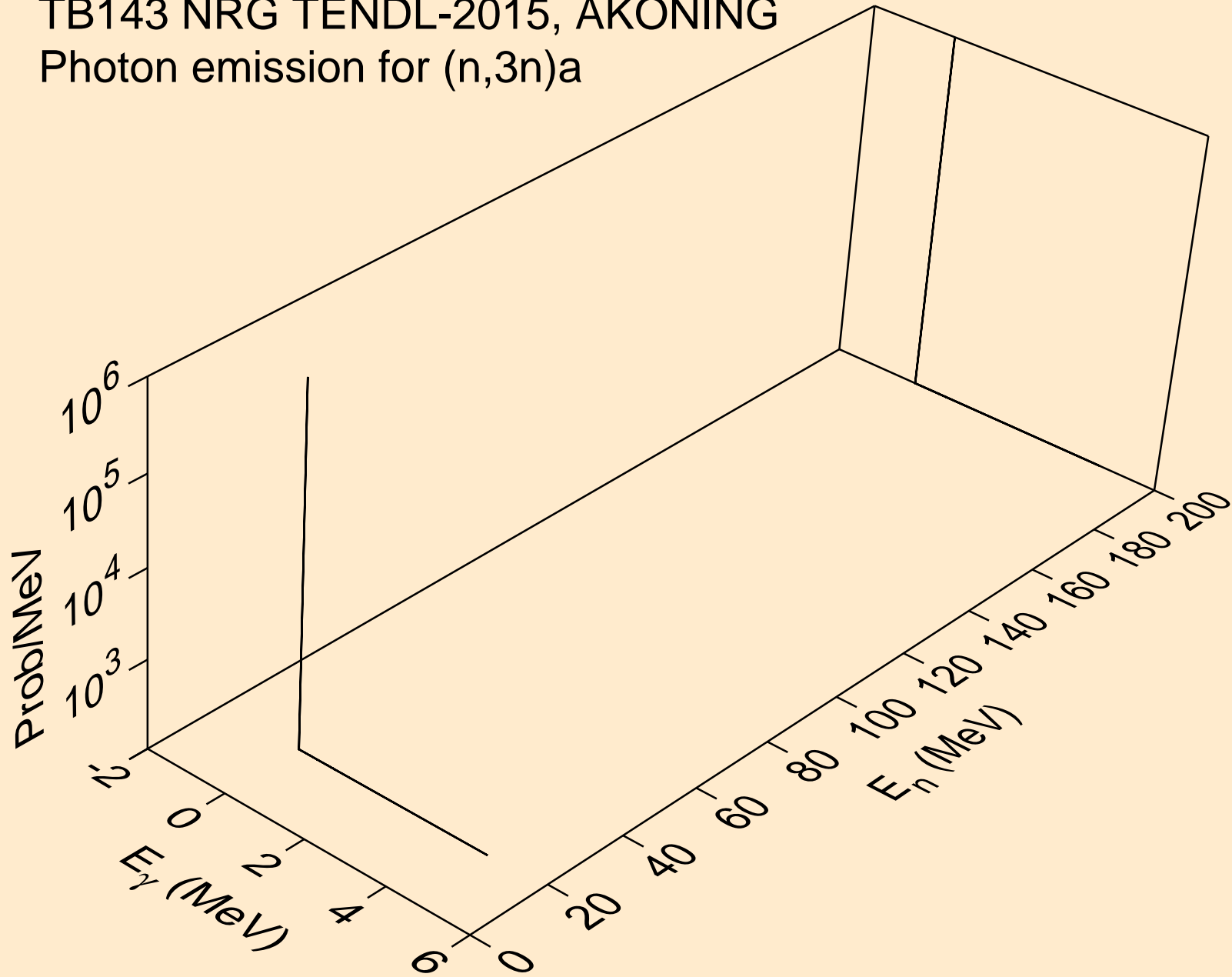
TB143 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)3a



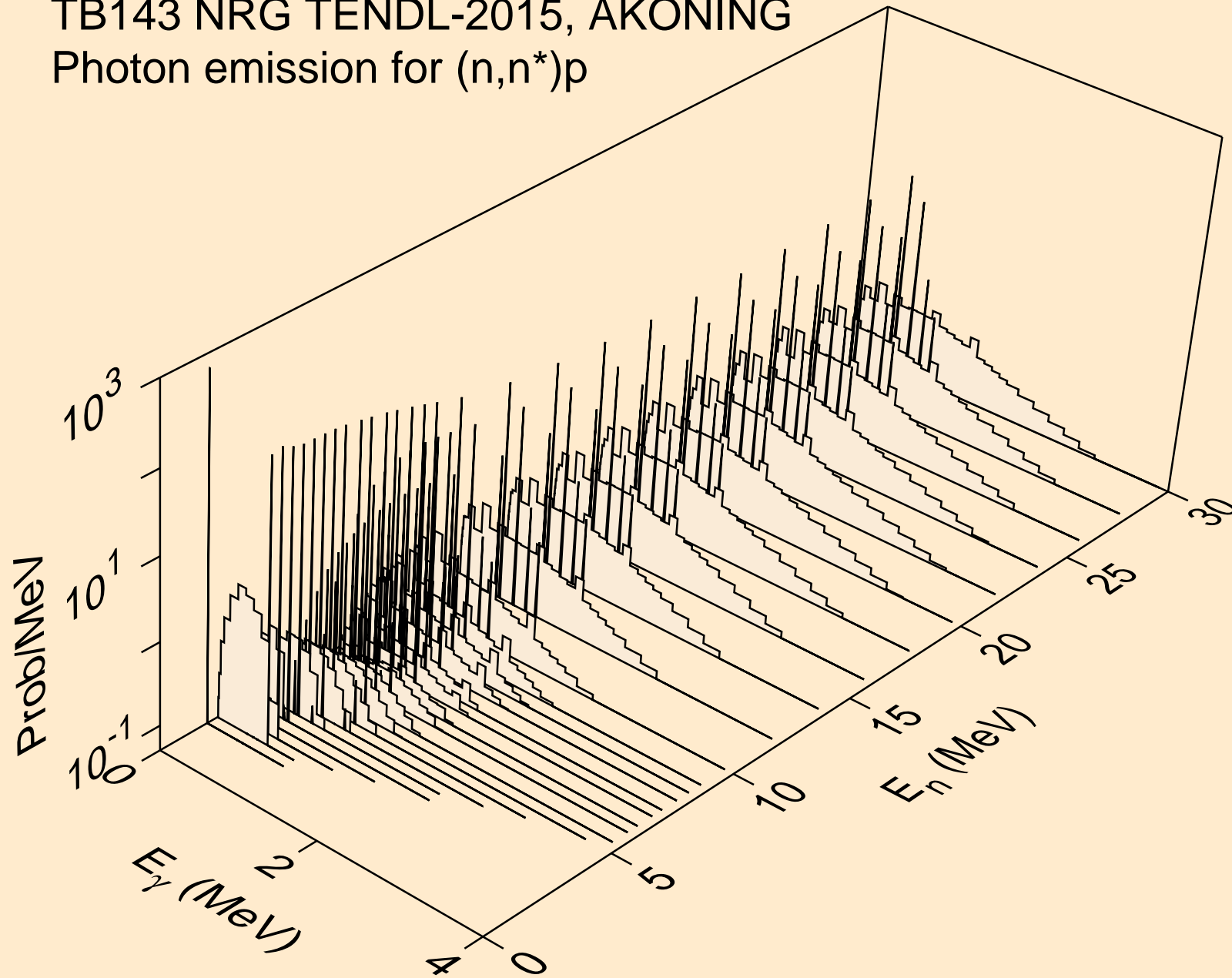
TB143 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



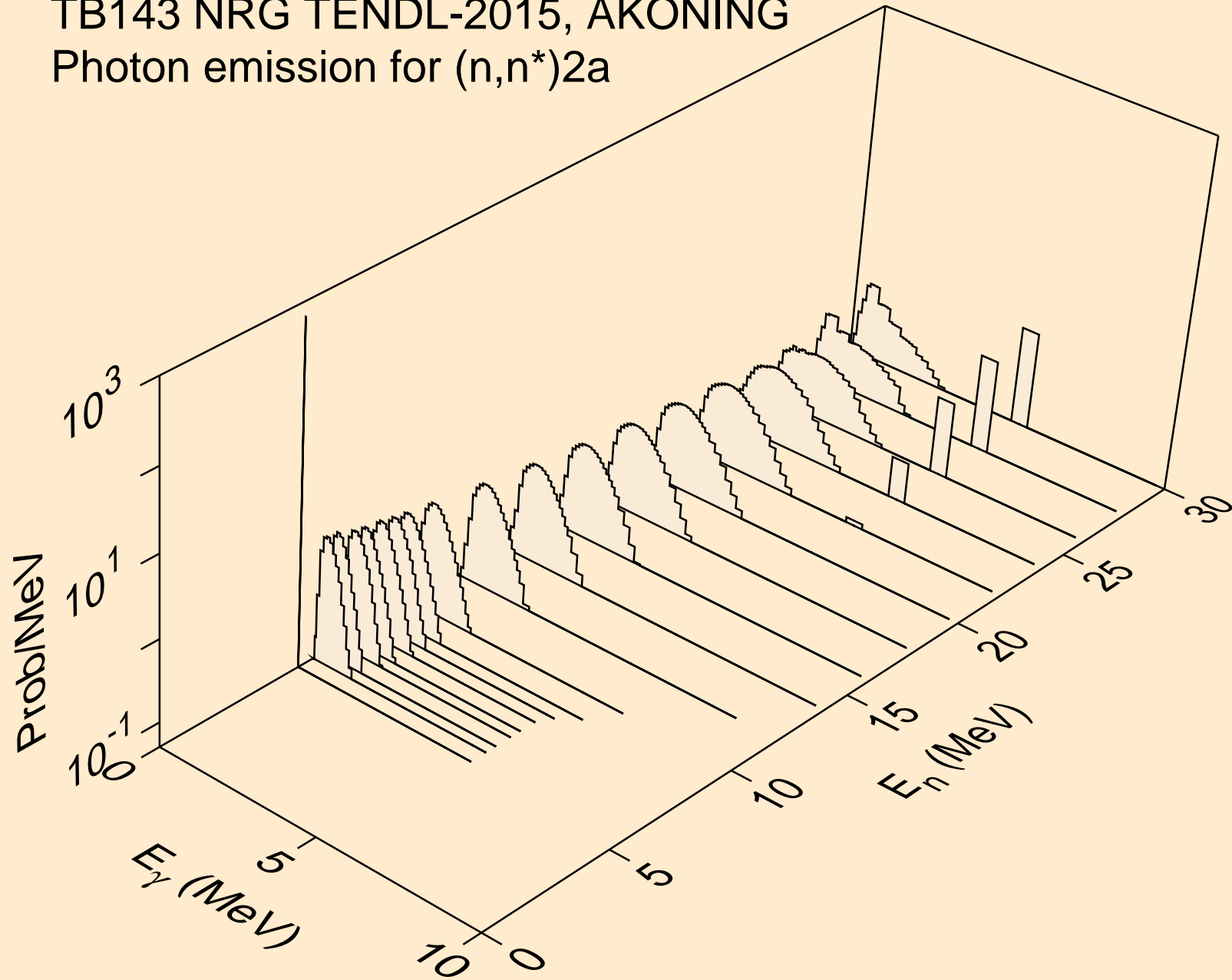
TB143 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



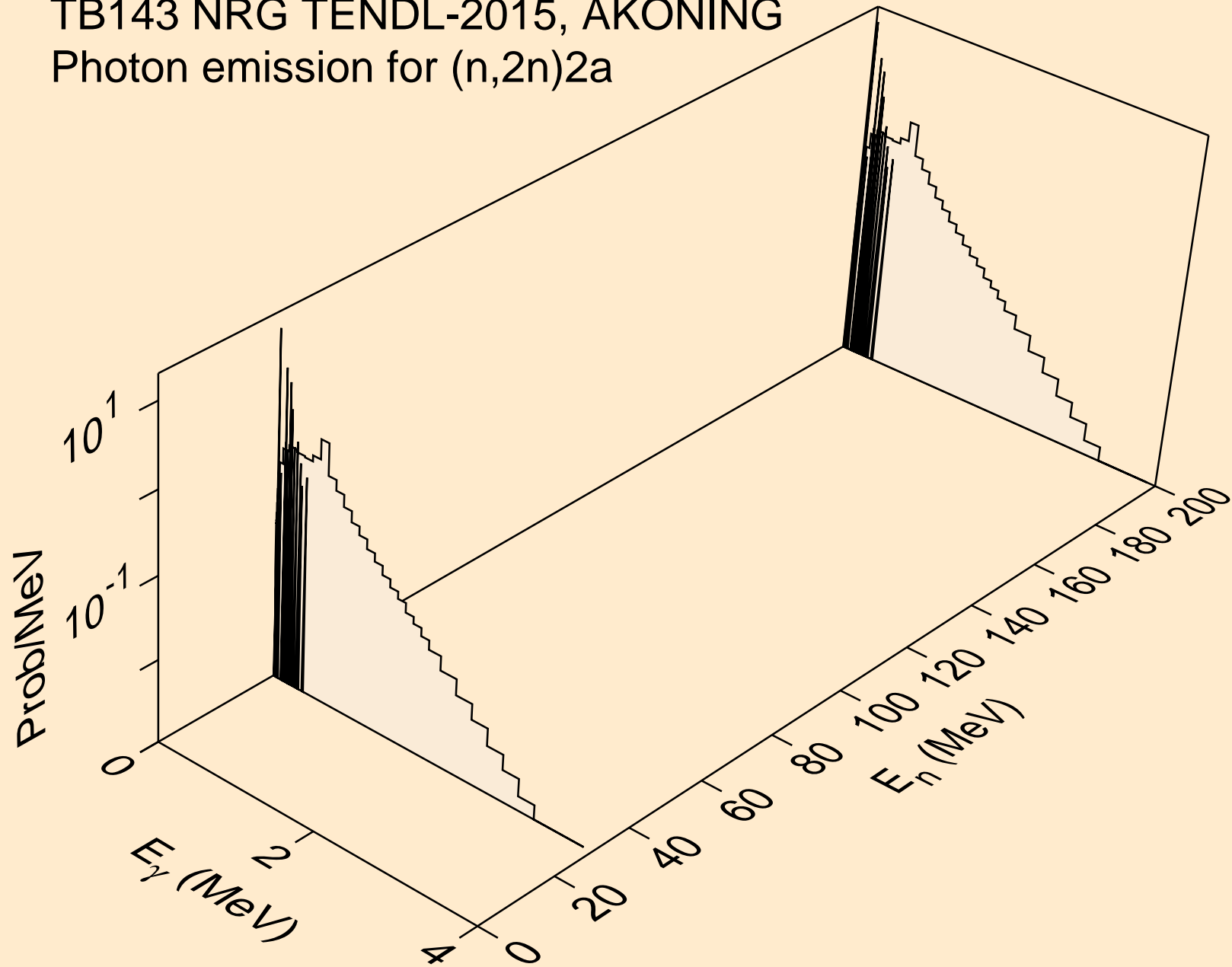
TB143 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



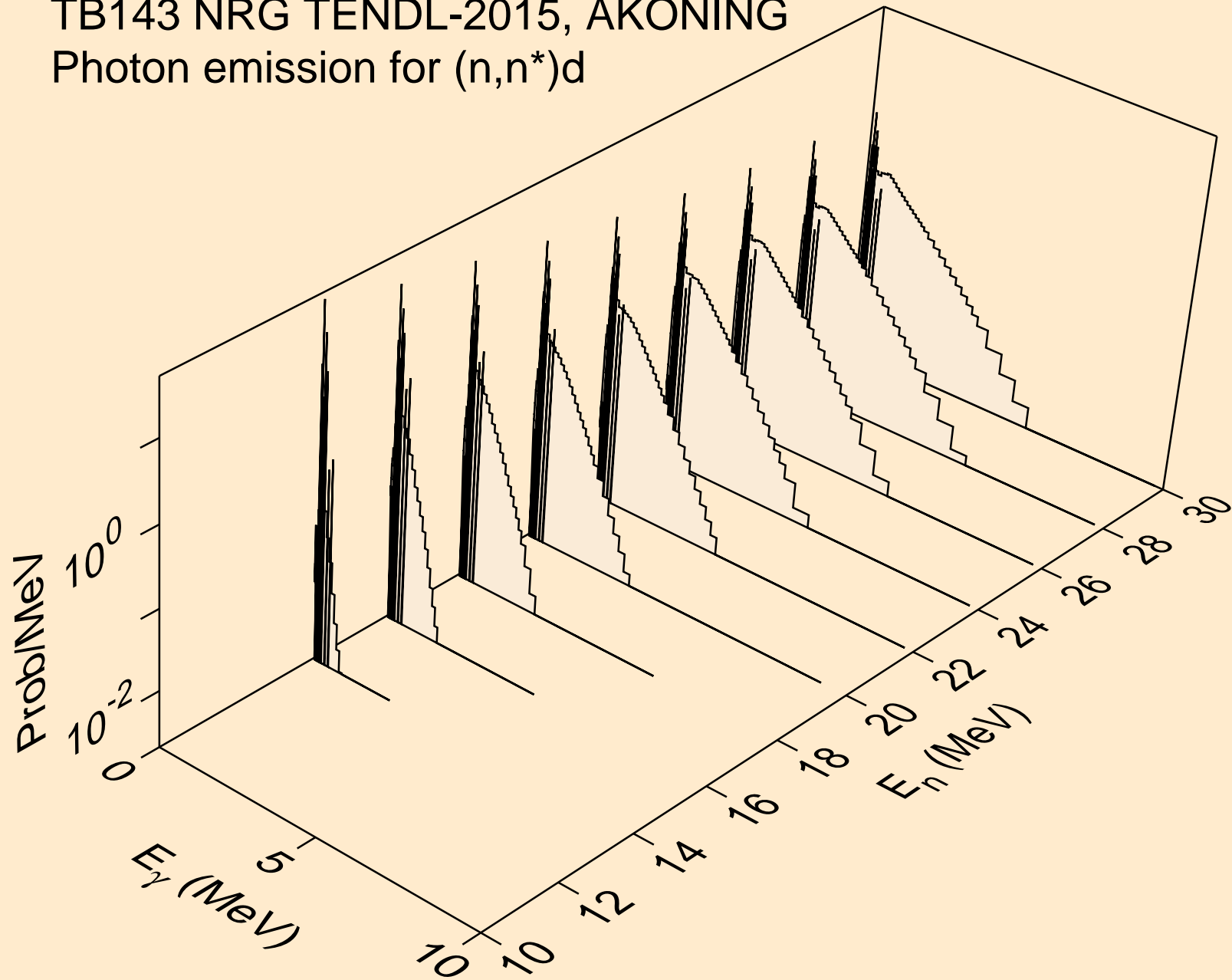
TB143 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



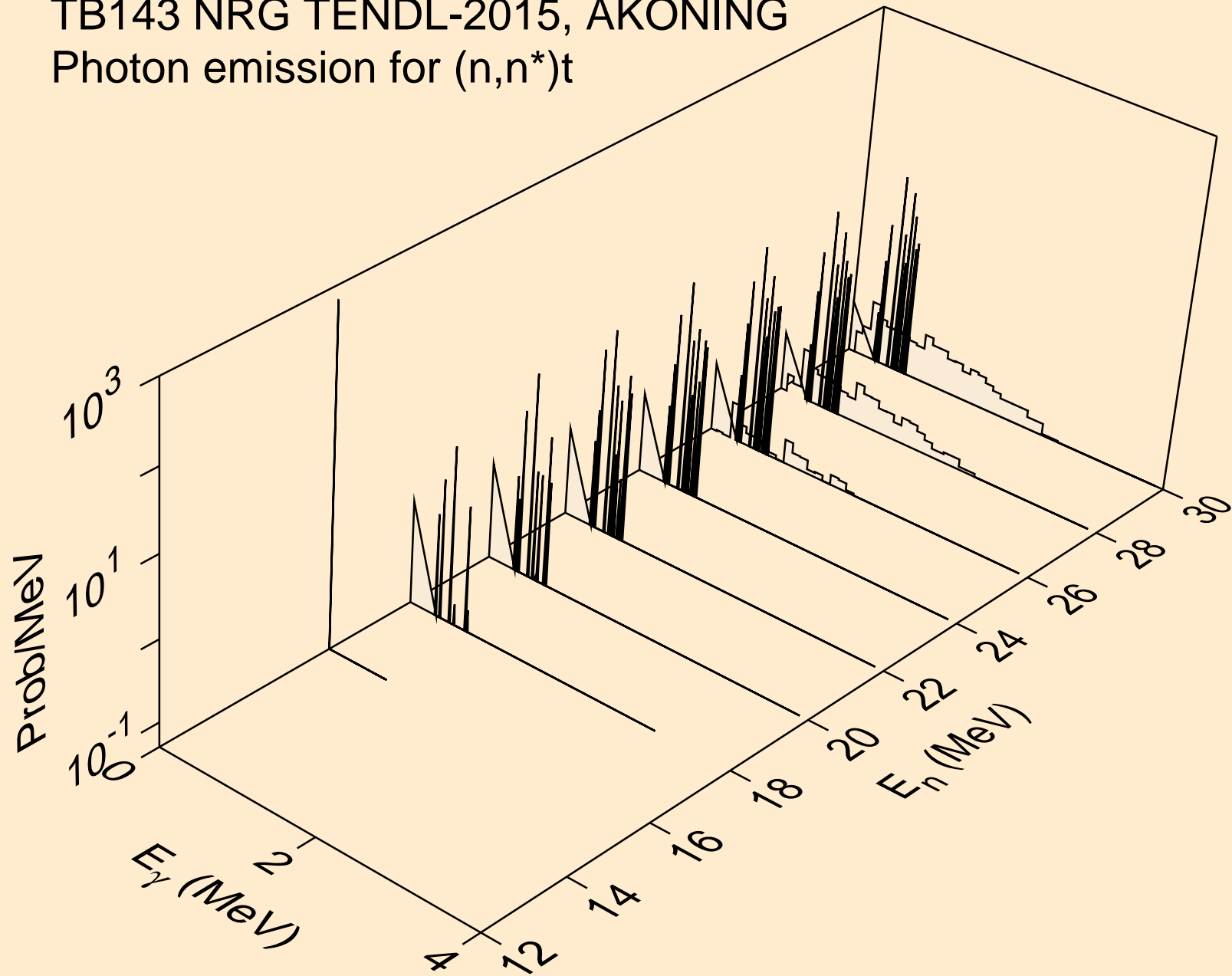
TB143 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



TB143 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d

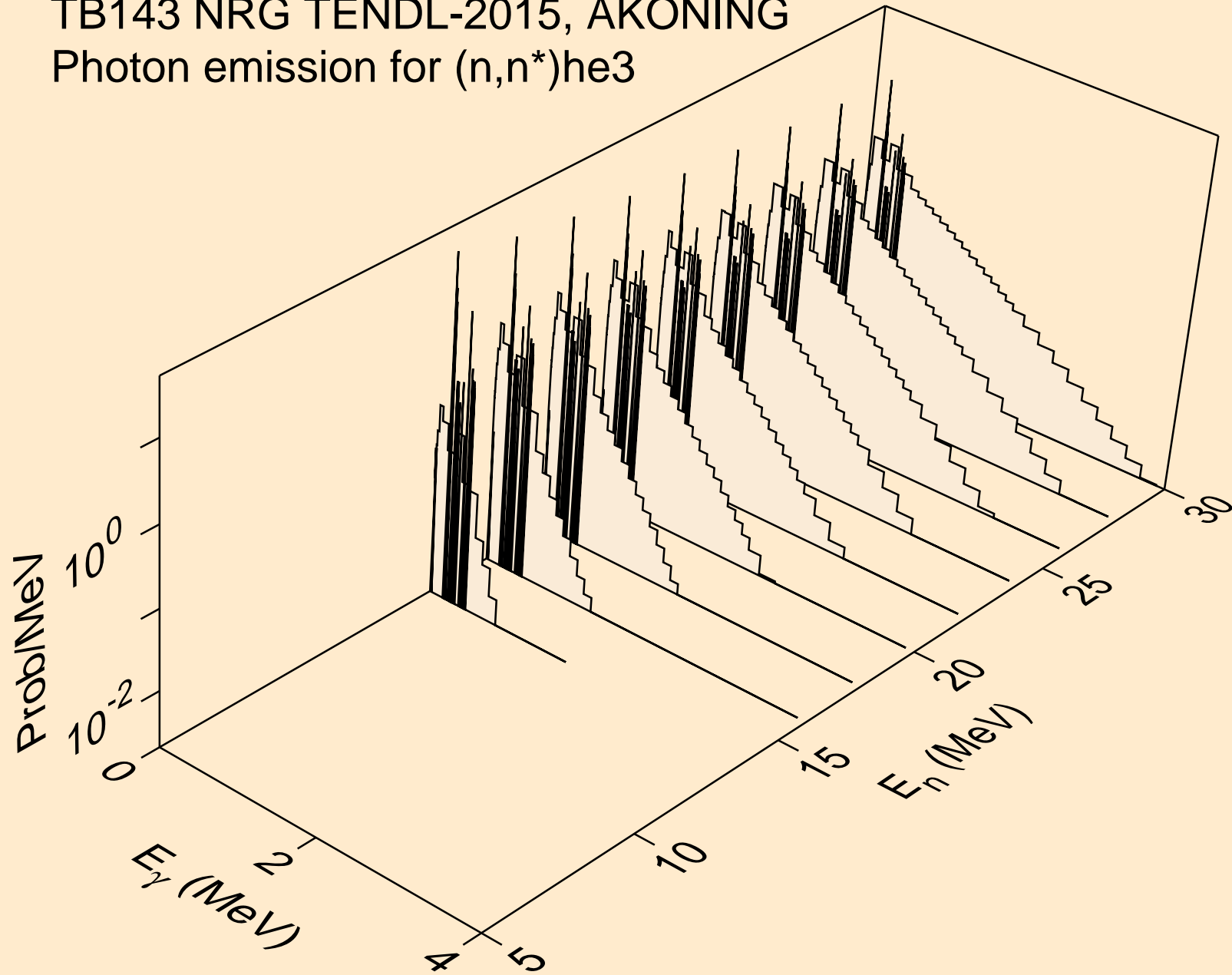


TB143 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

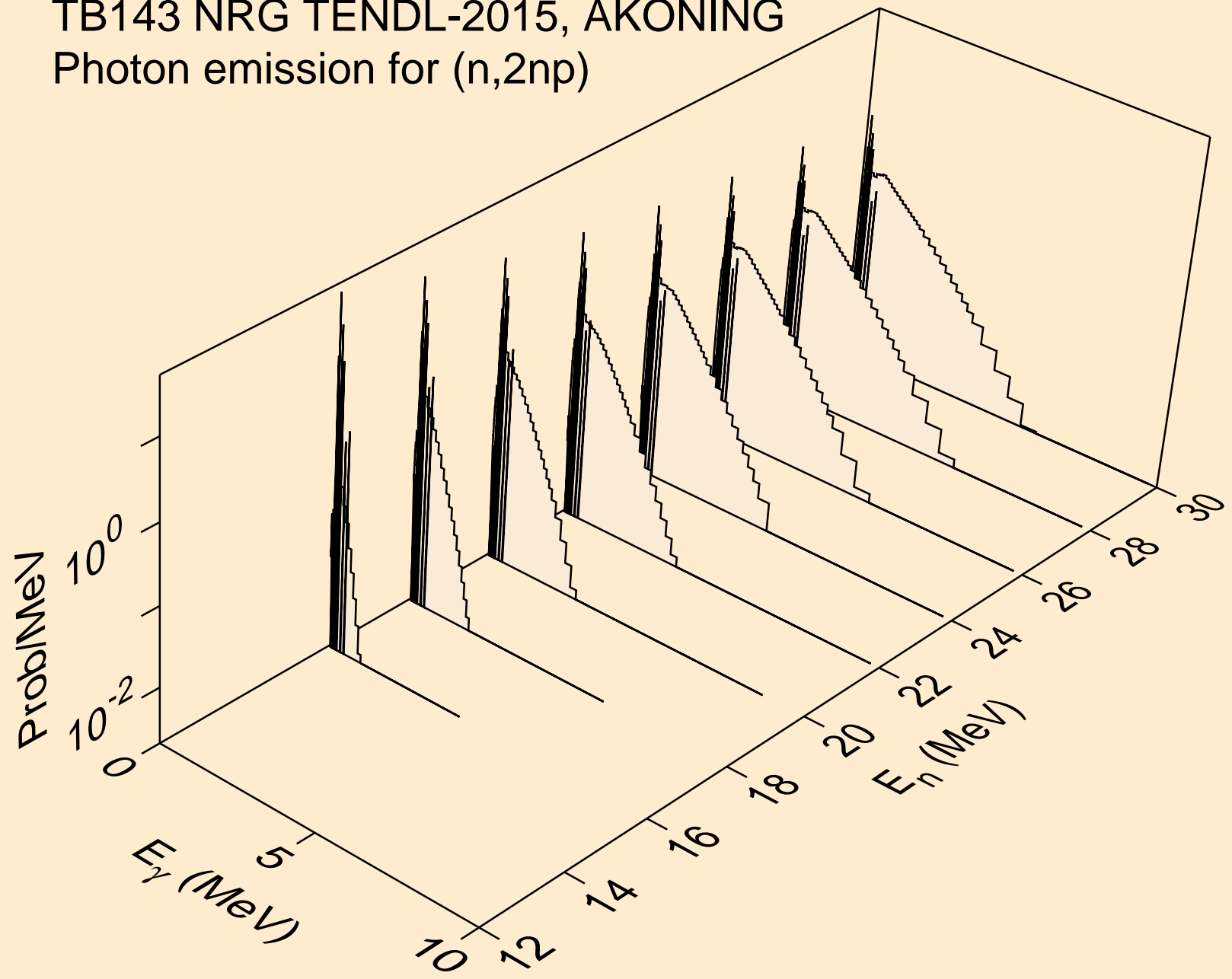




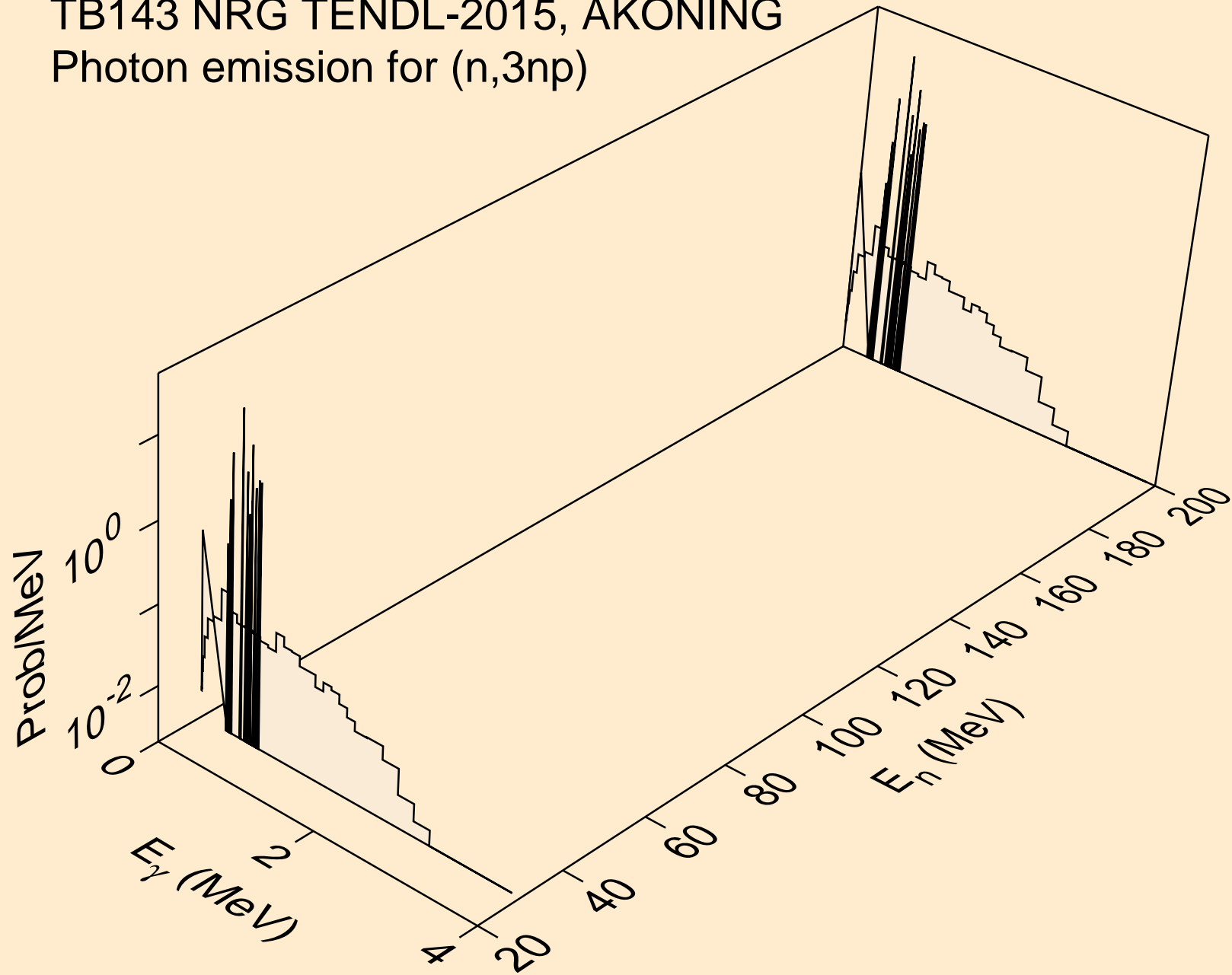
TB143 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



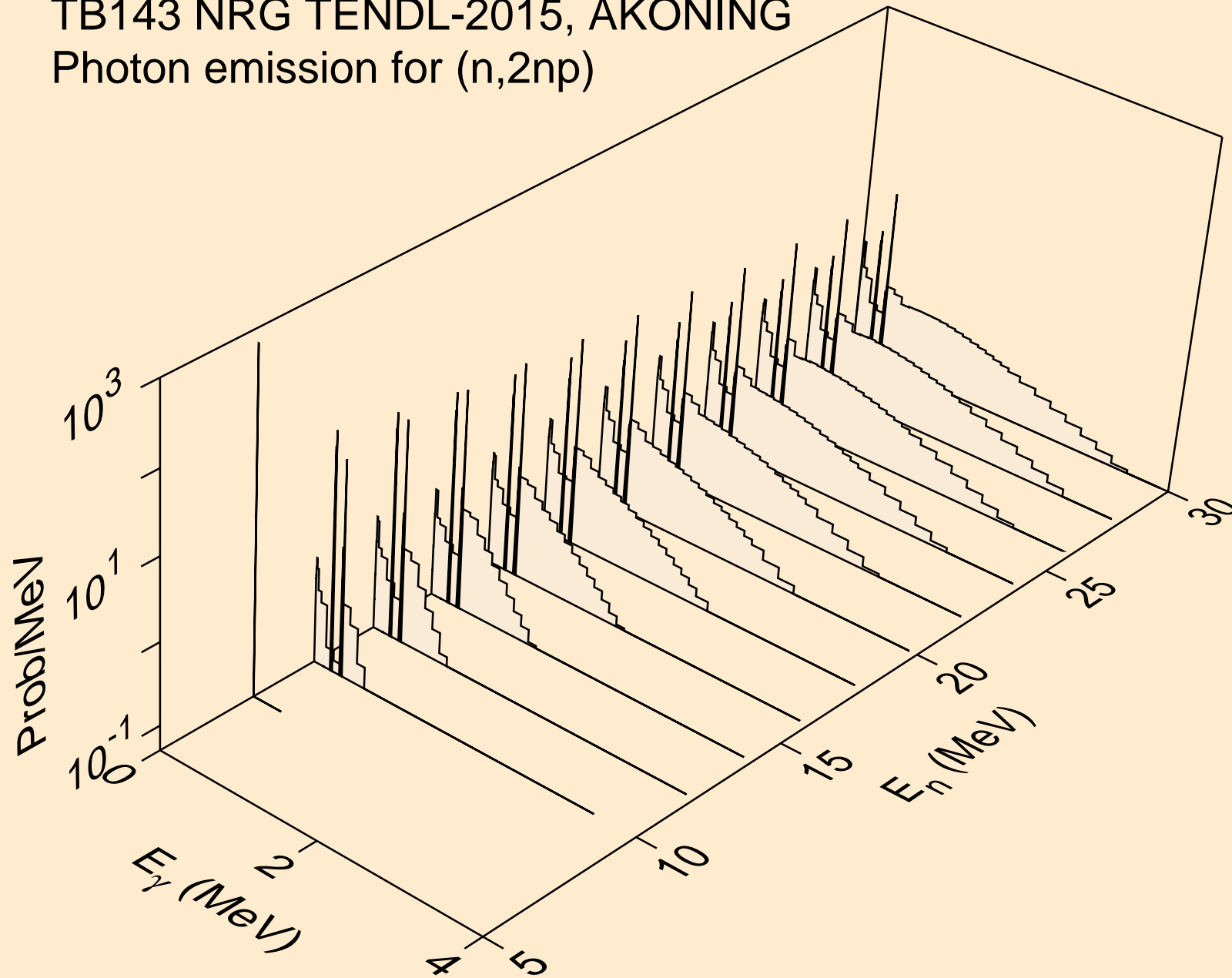
TB143 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



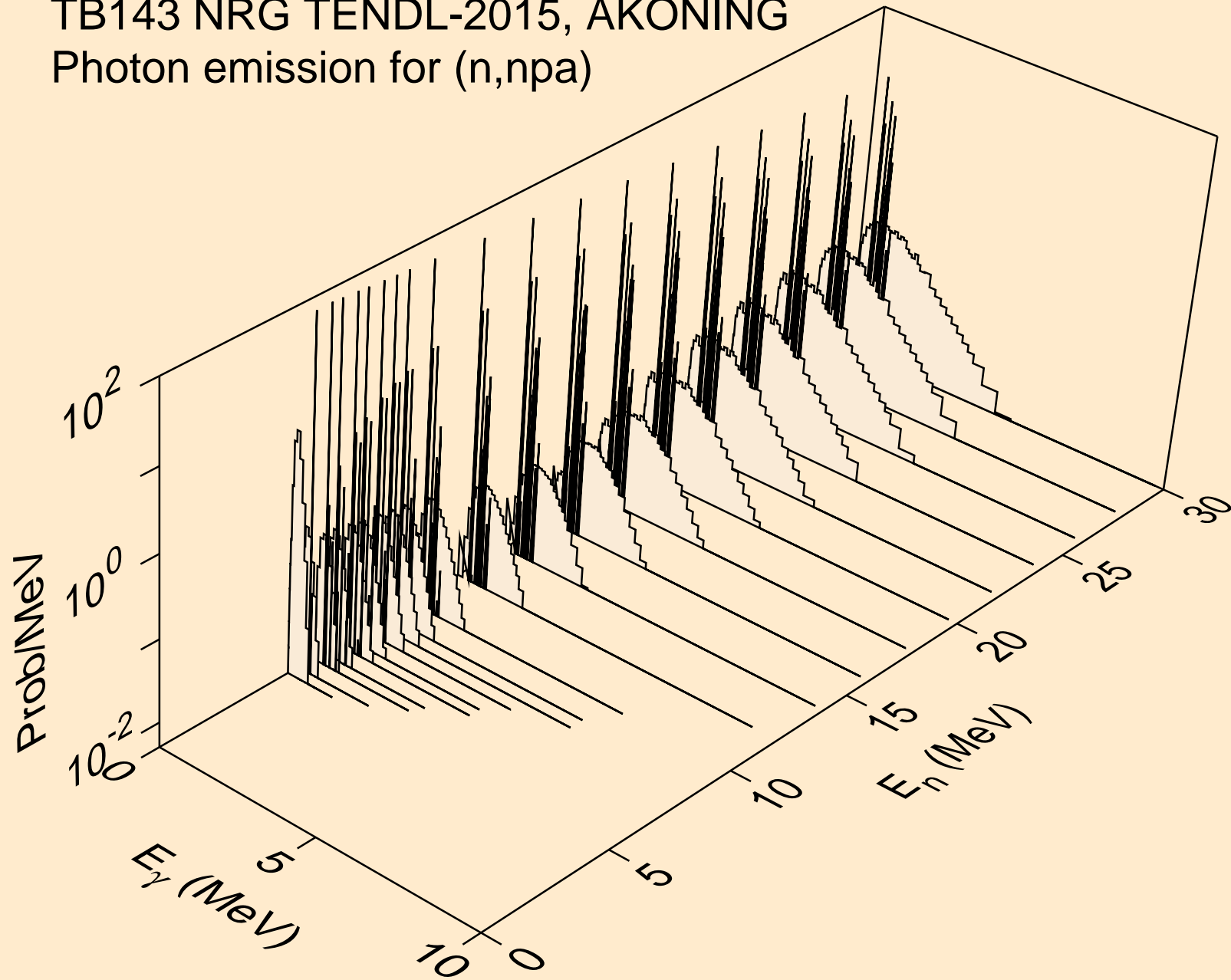
TB143 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



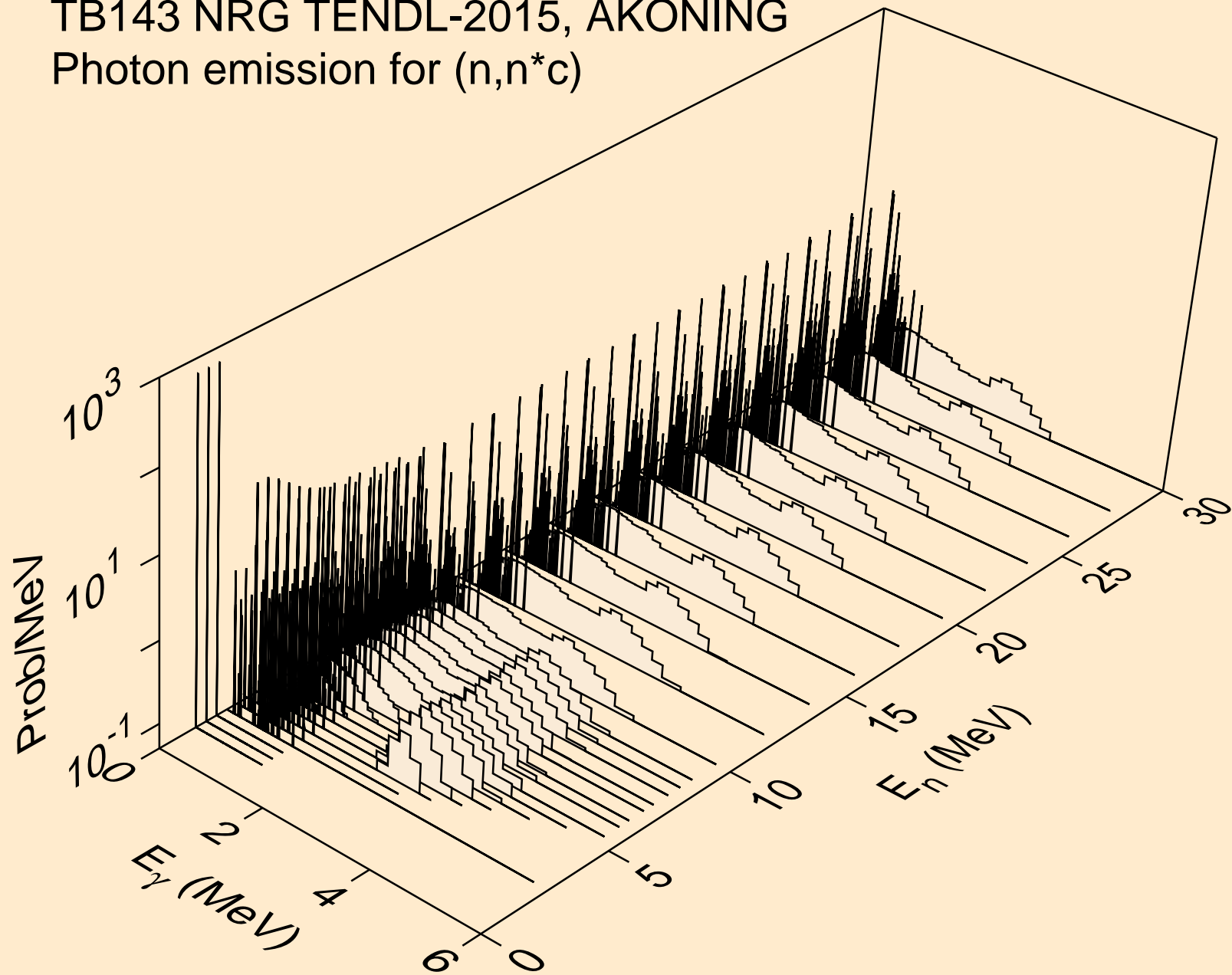
TB143 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



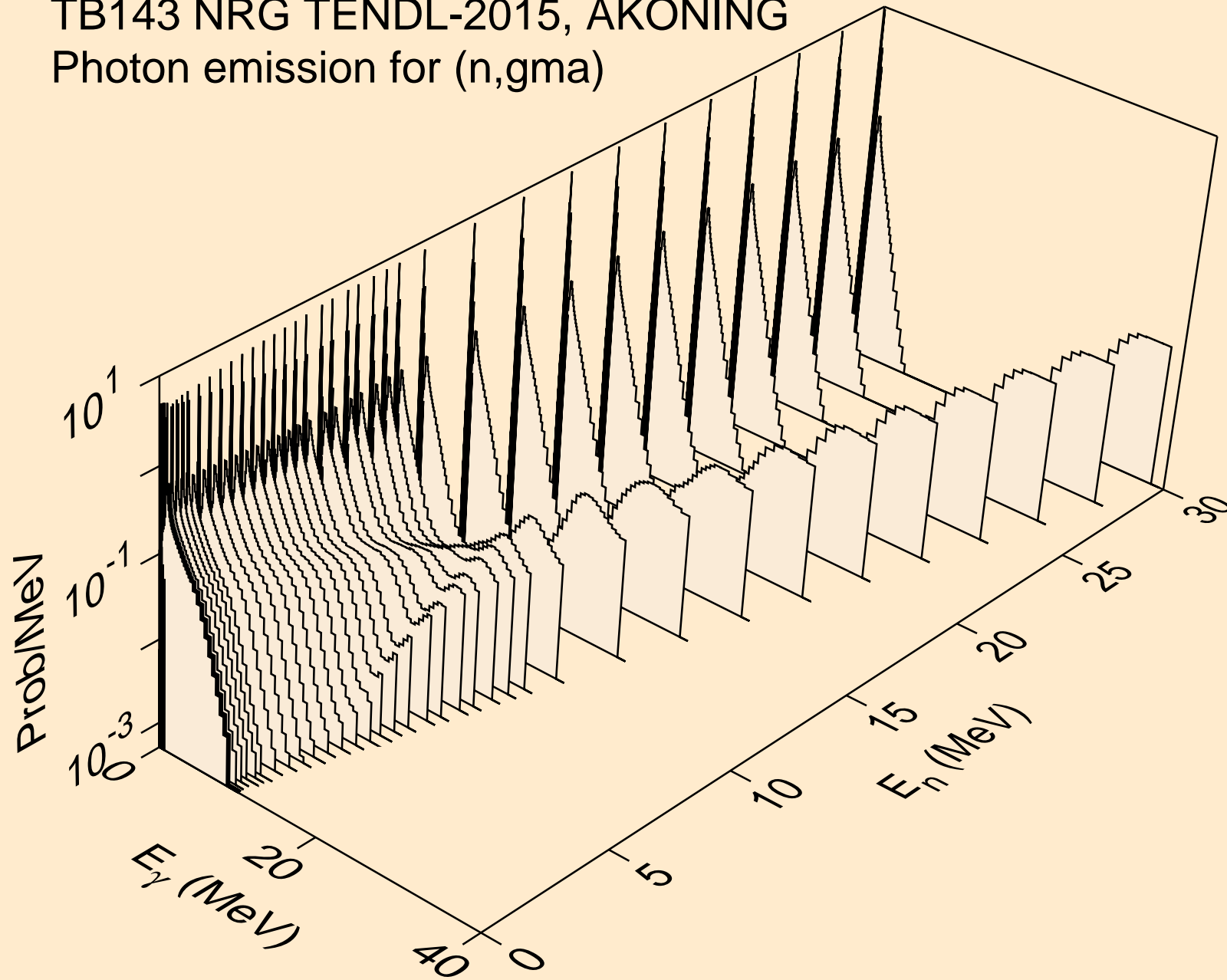
TB143 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



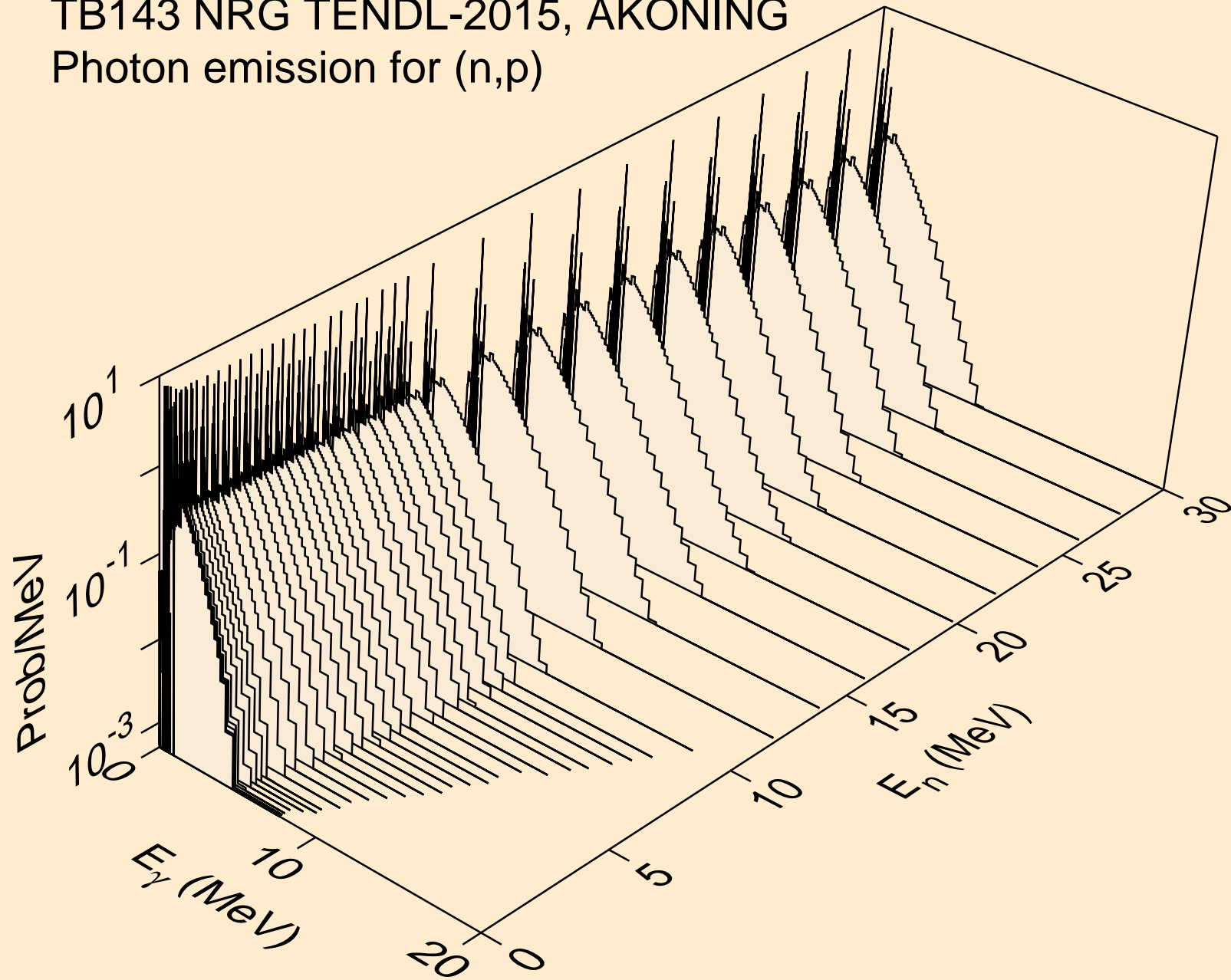
TB143 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



TB143 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)

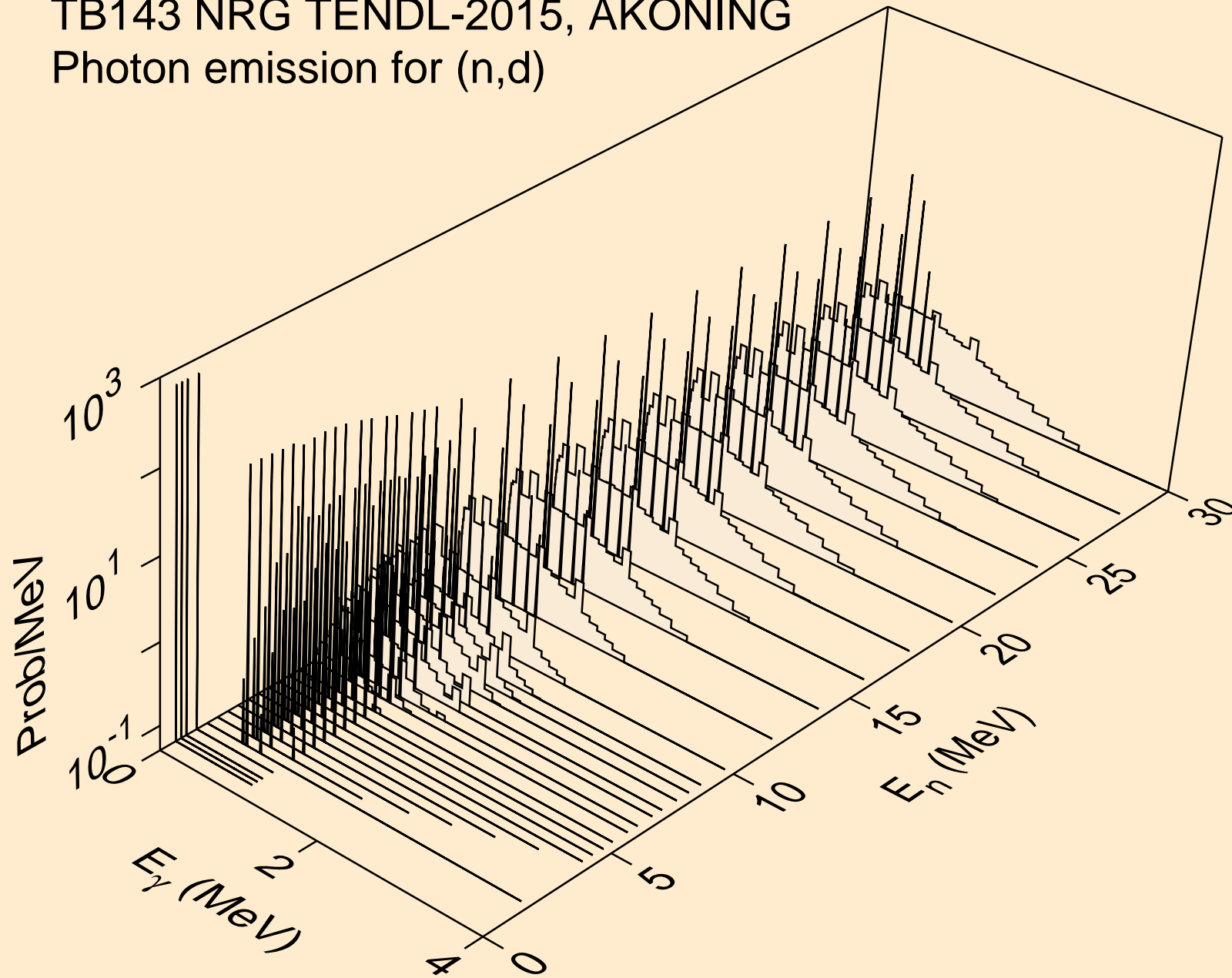


TB143 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

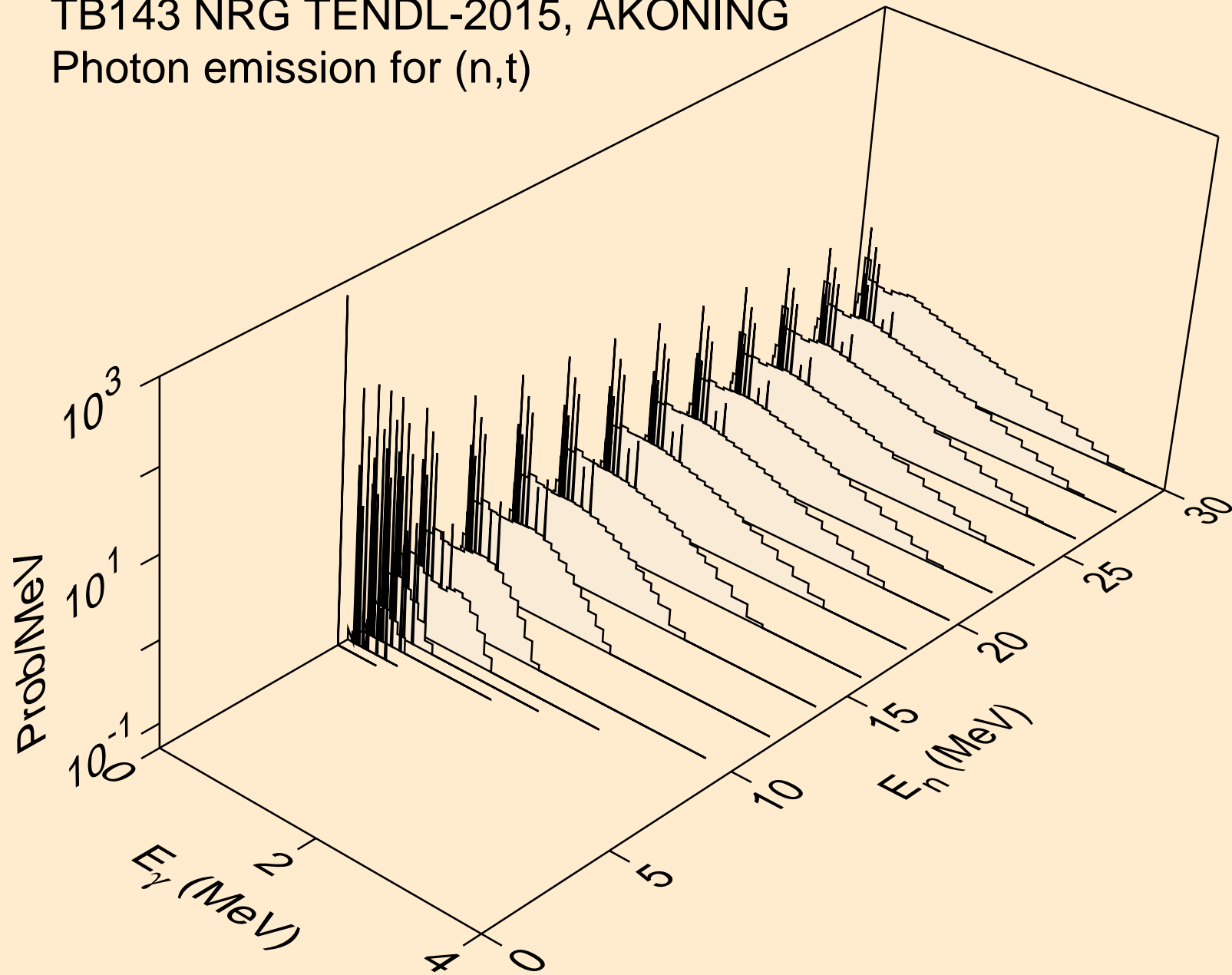




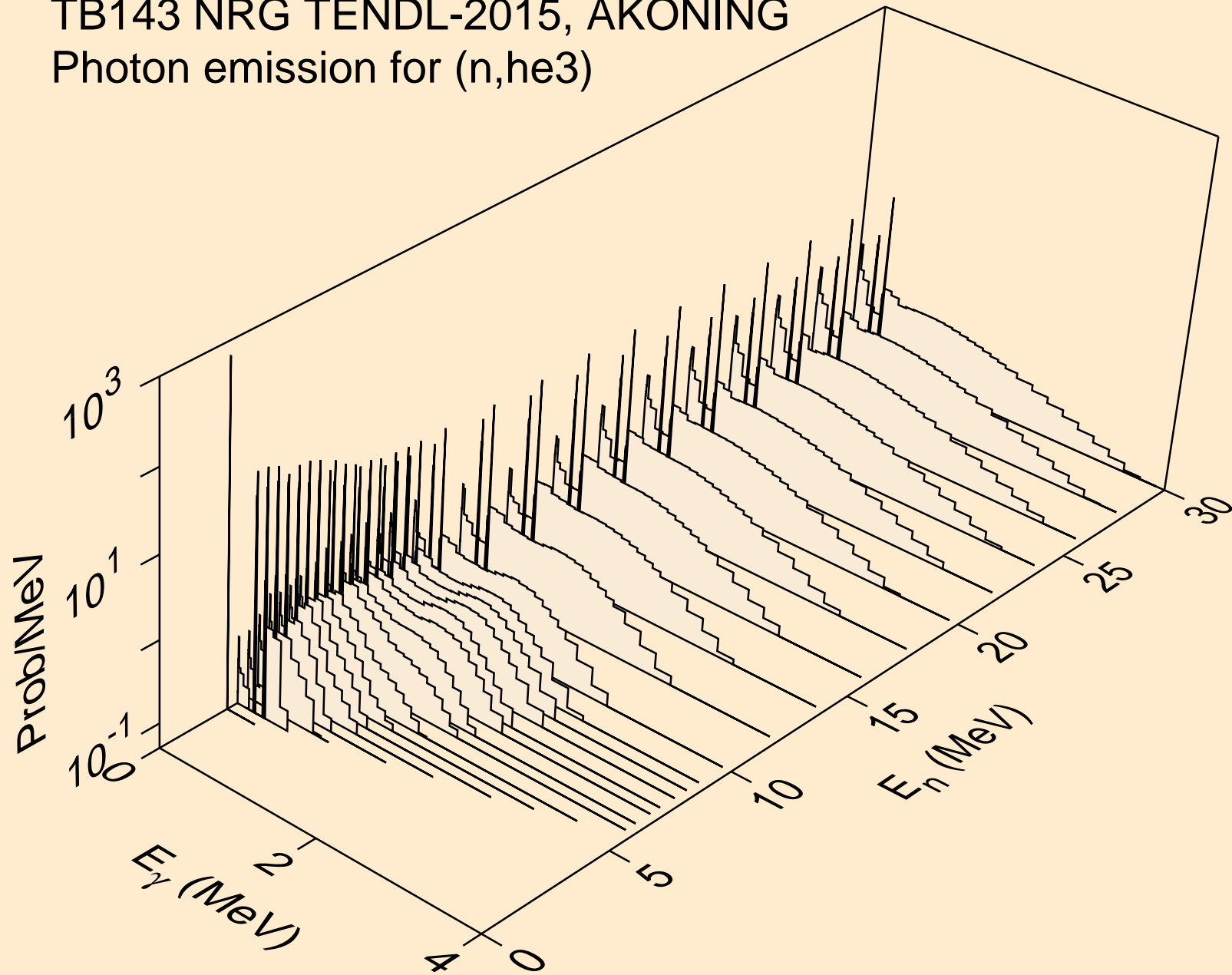
TB143 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



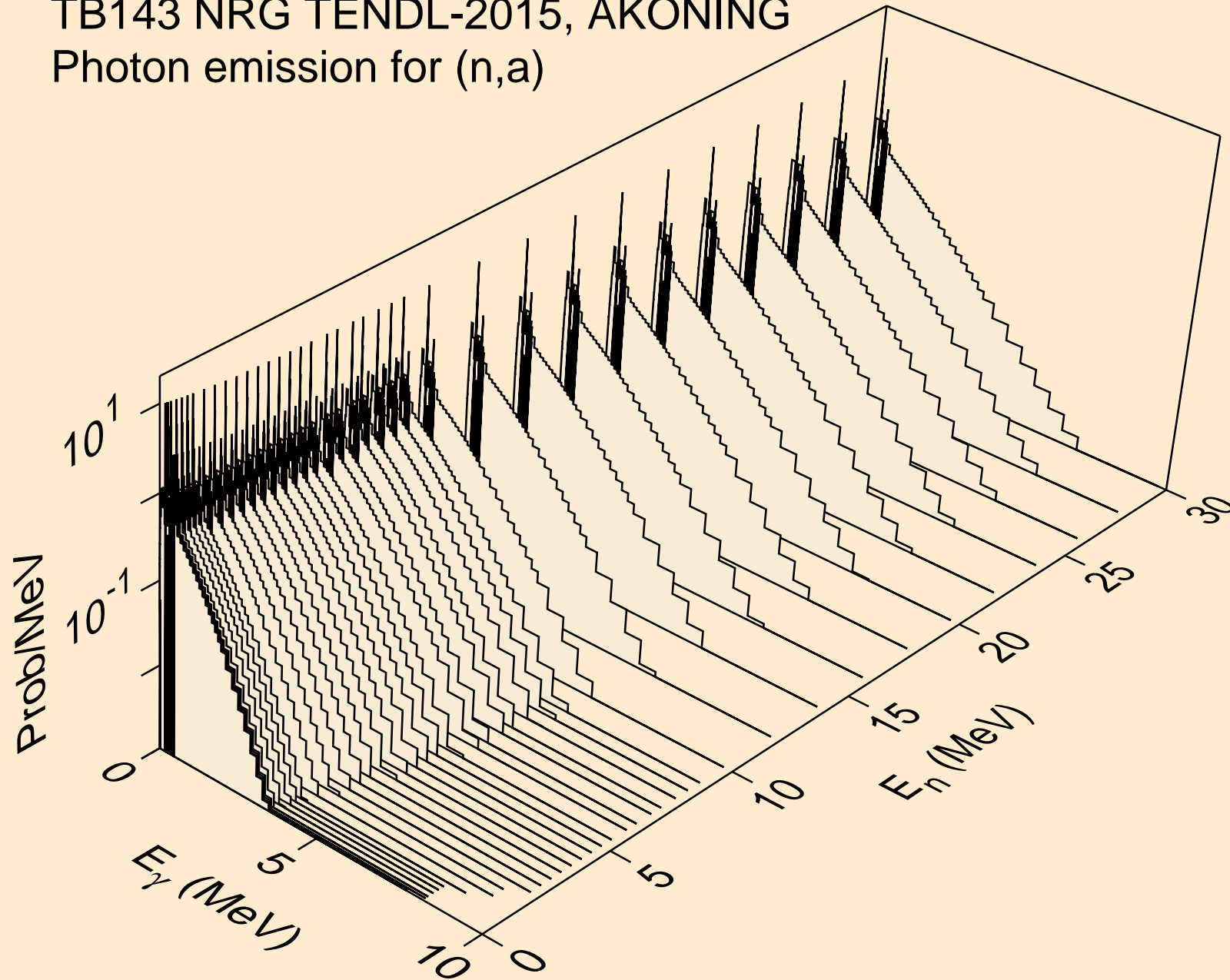
TB143 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



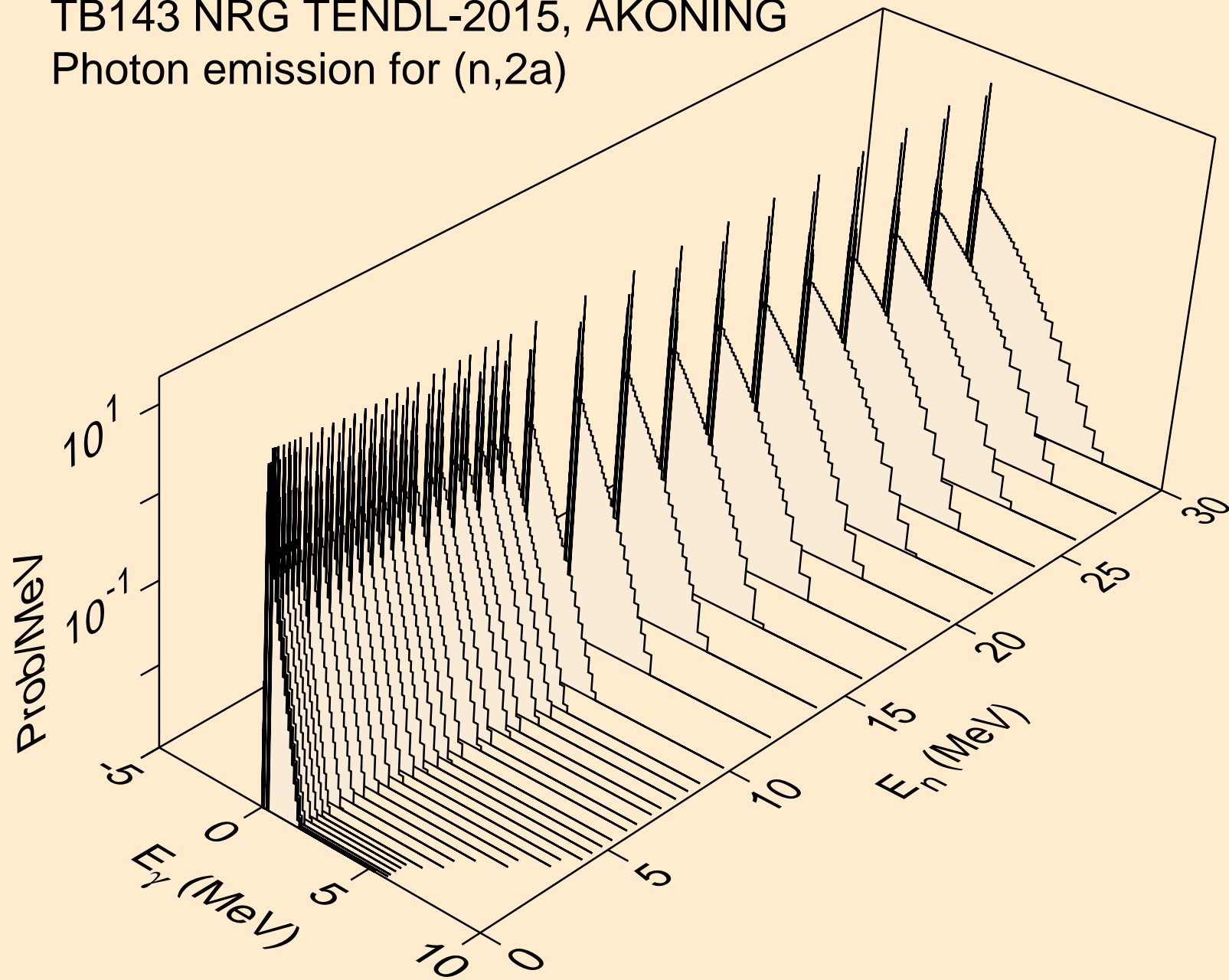
TB143 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



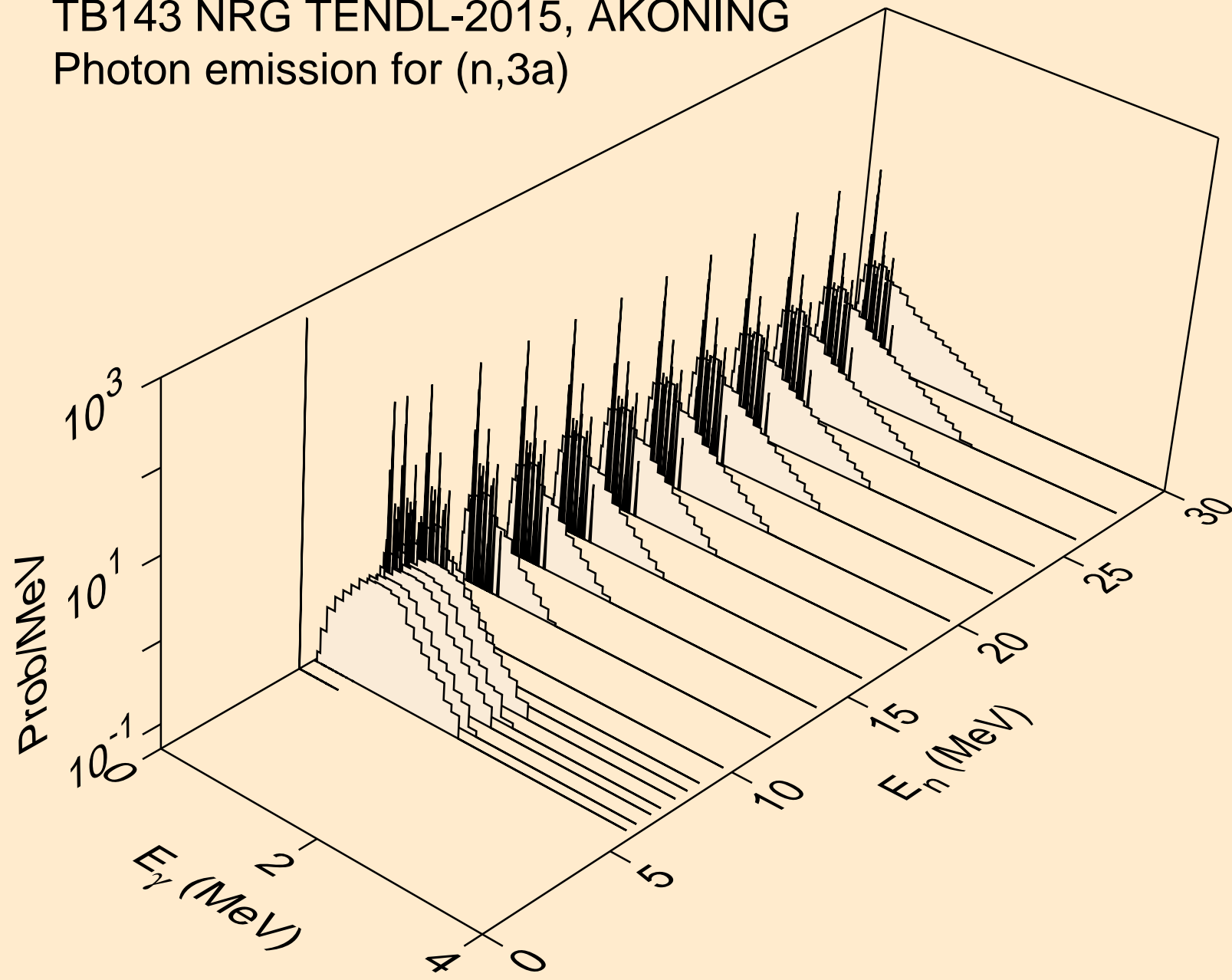
TB143 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



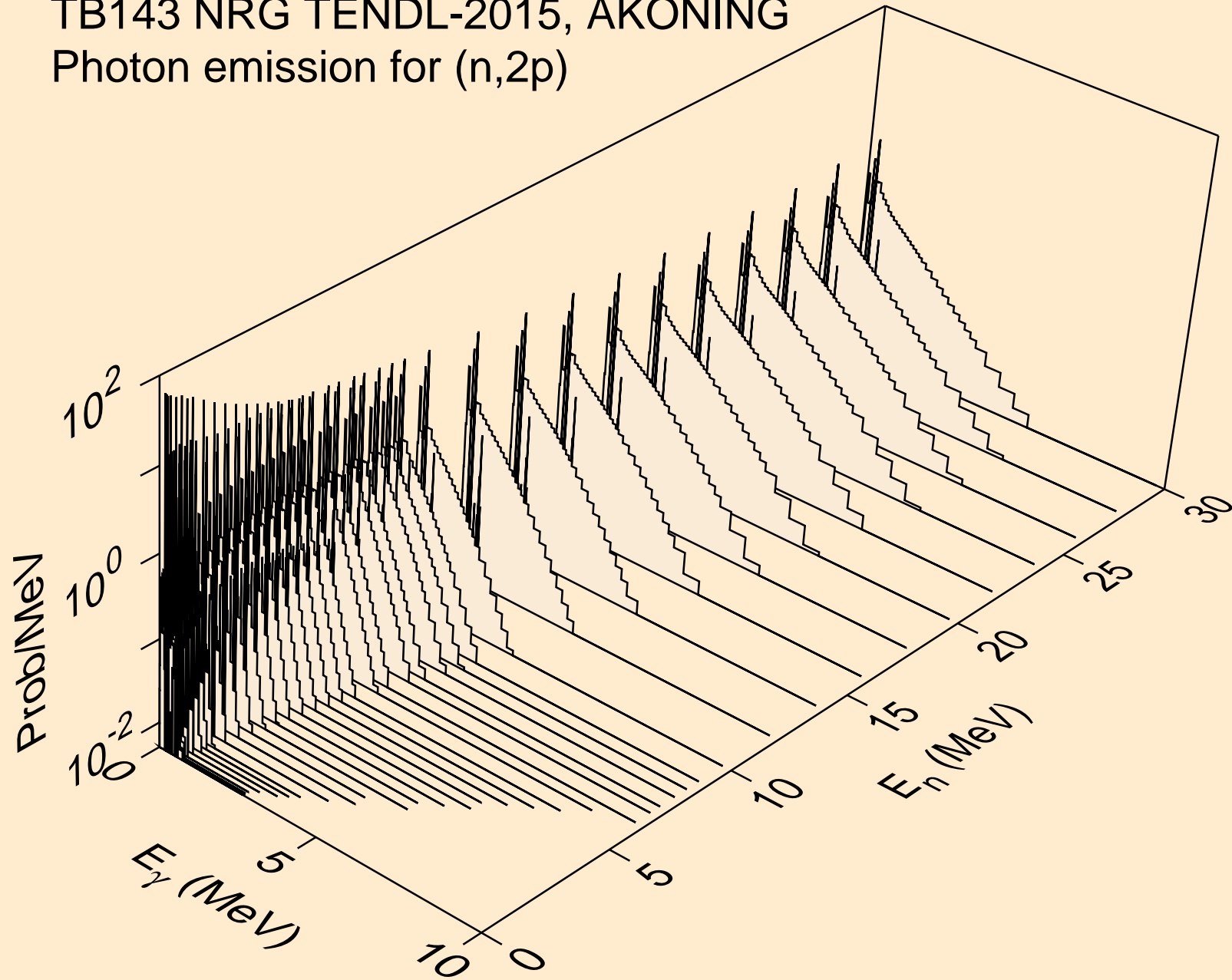
TB143 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



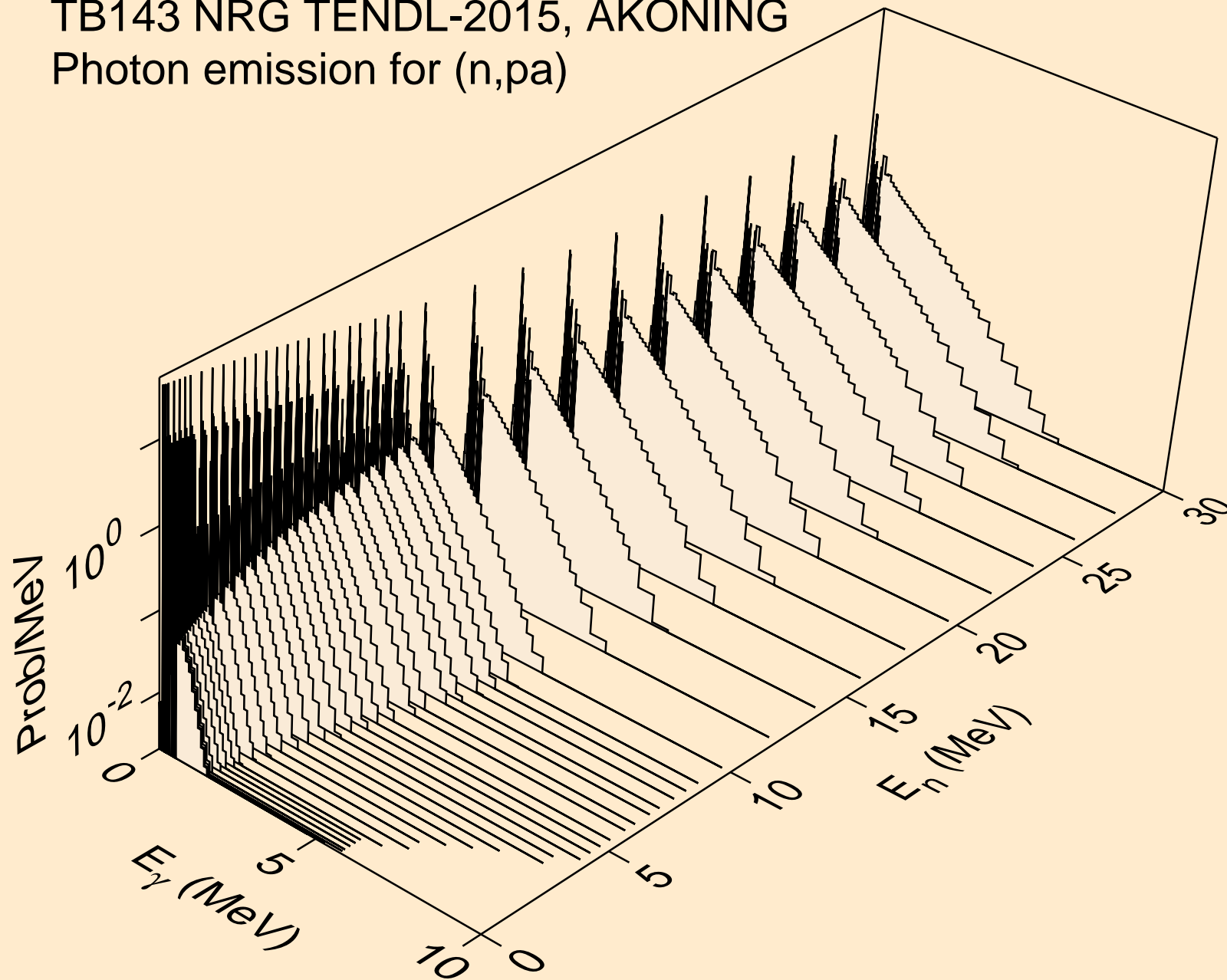
TB143 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)



TB143 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)

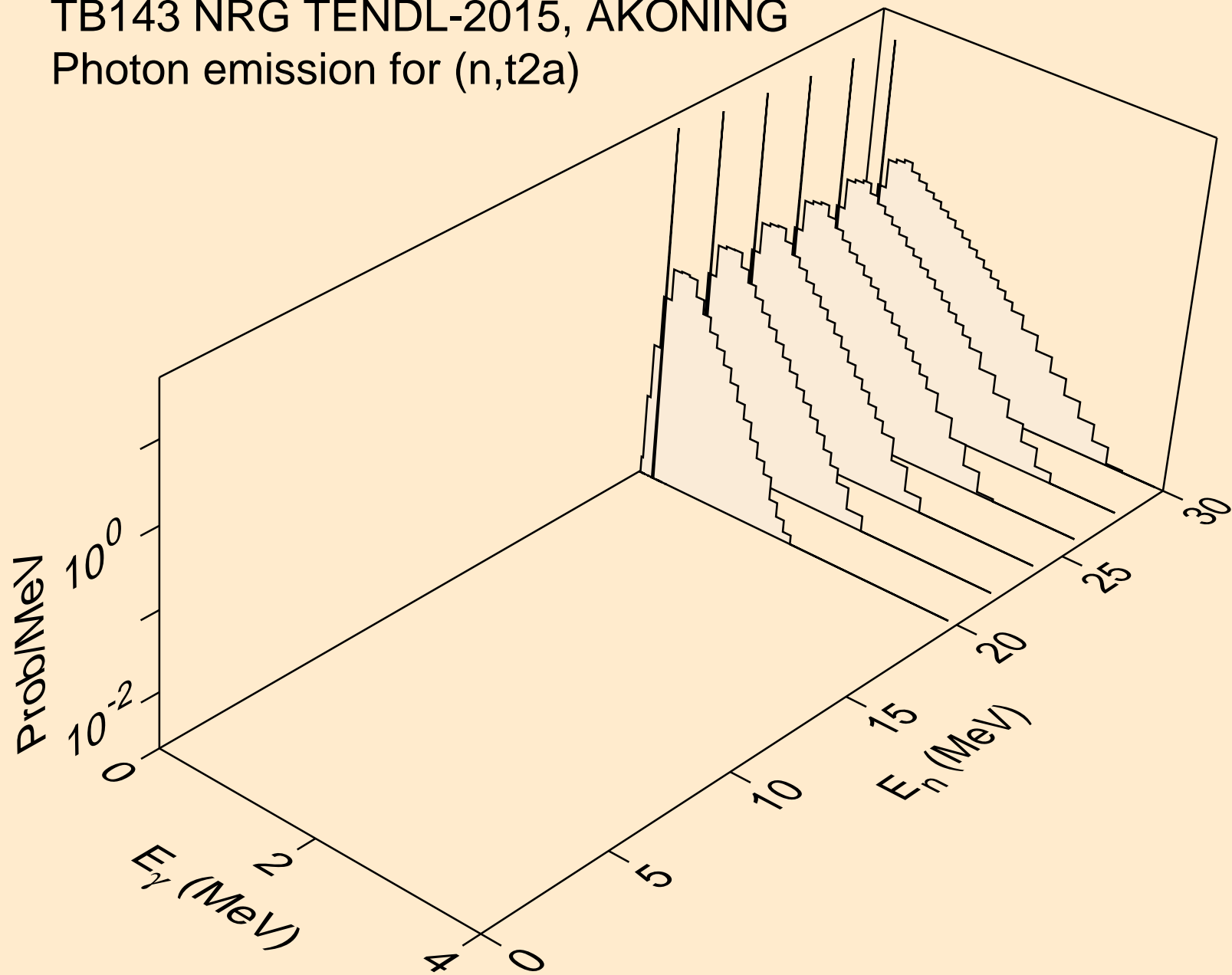


TB143 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )

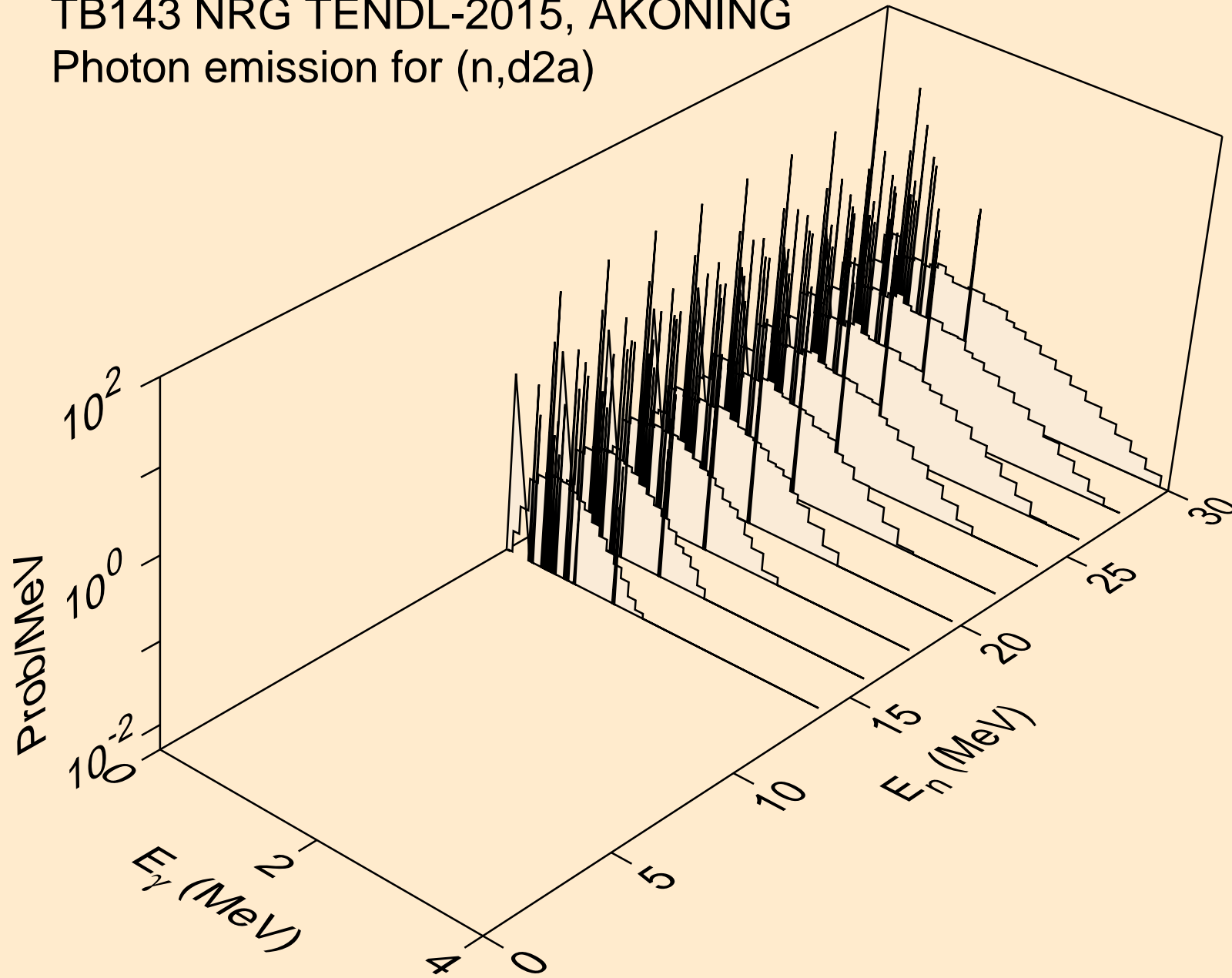




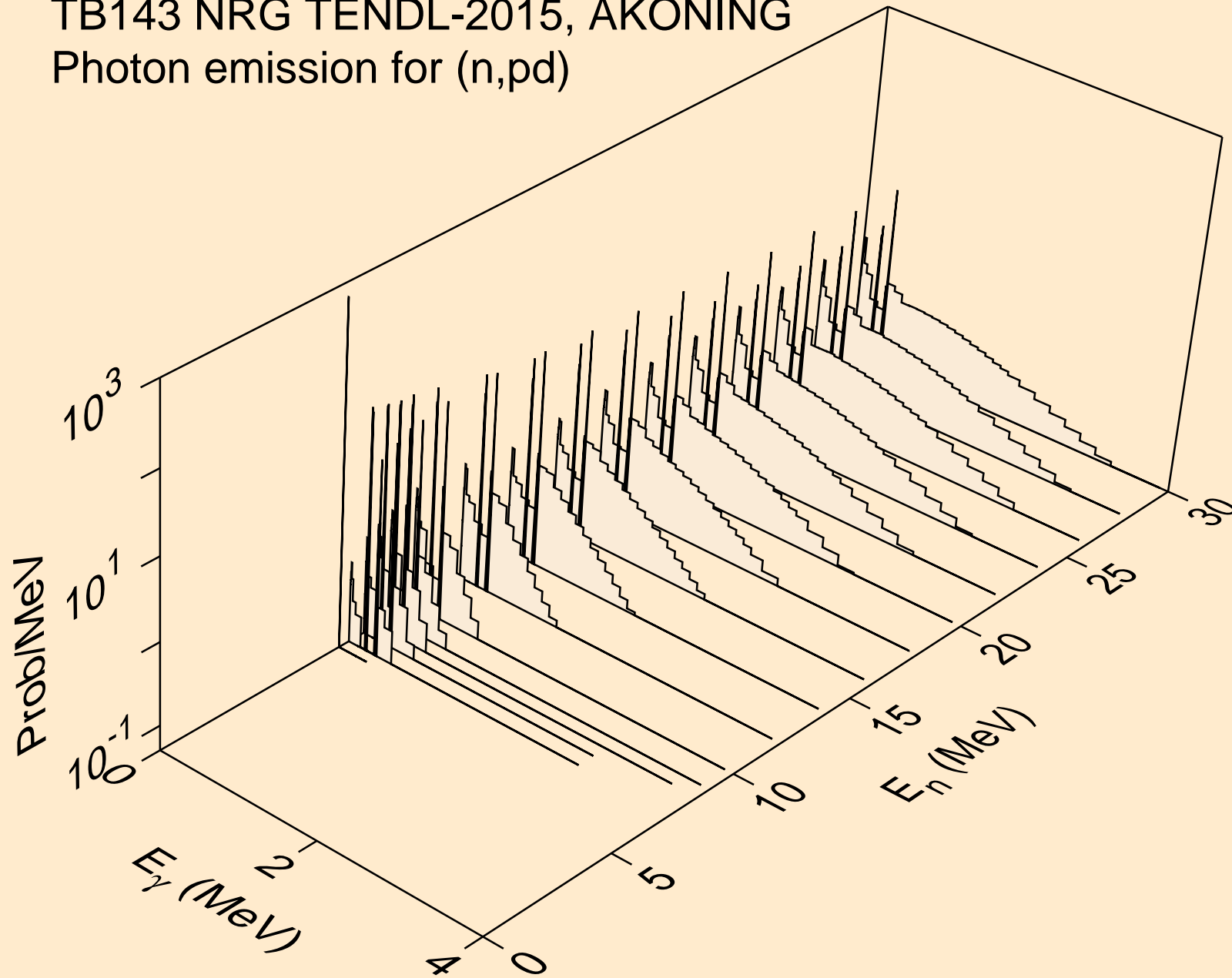
TB143 NRG TENDL-2015, AKONING  
Photon emission for (n,t2a)



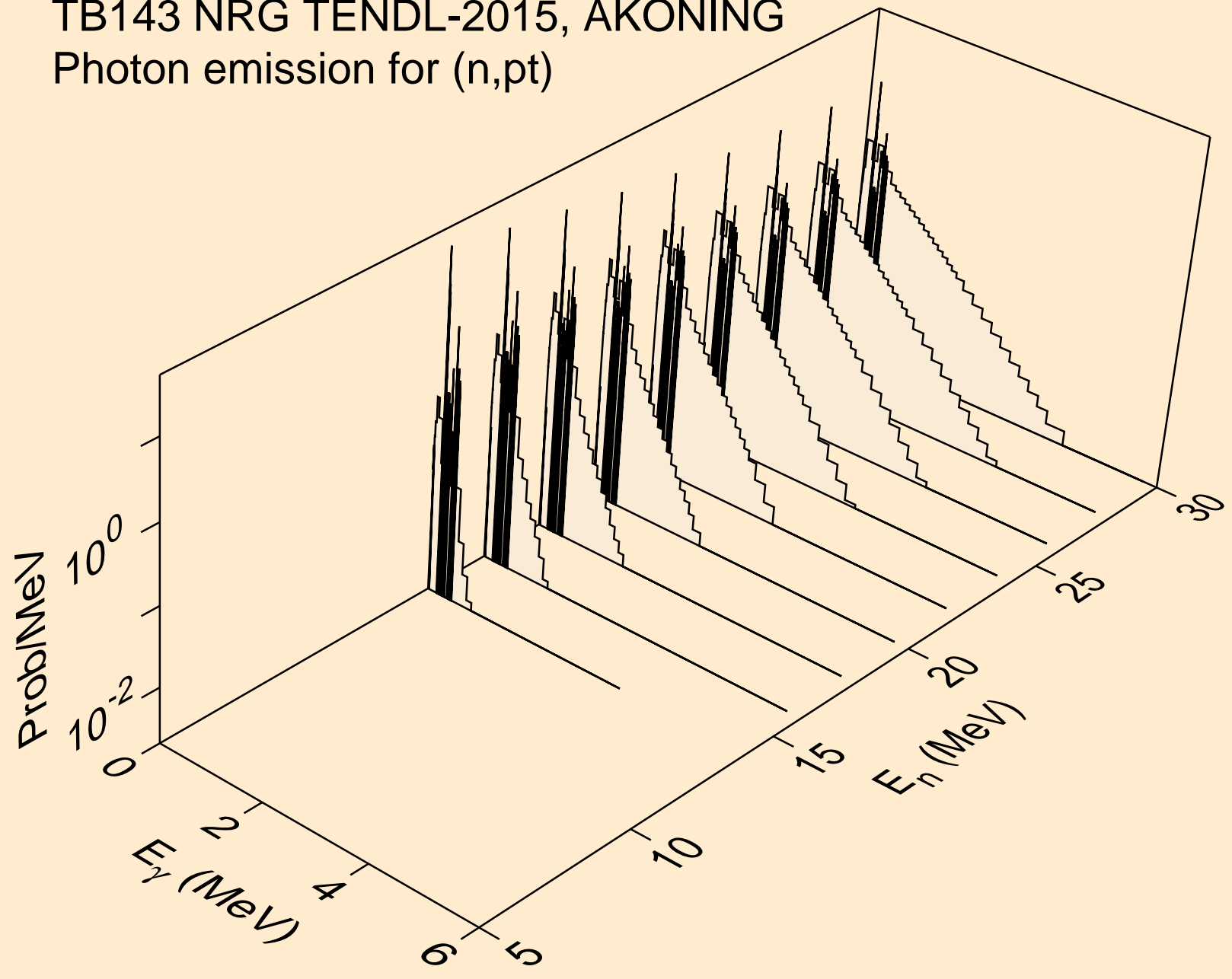
TB143 NRG TENDL-2015, AKONING  
Photon emission for (n,d2a)



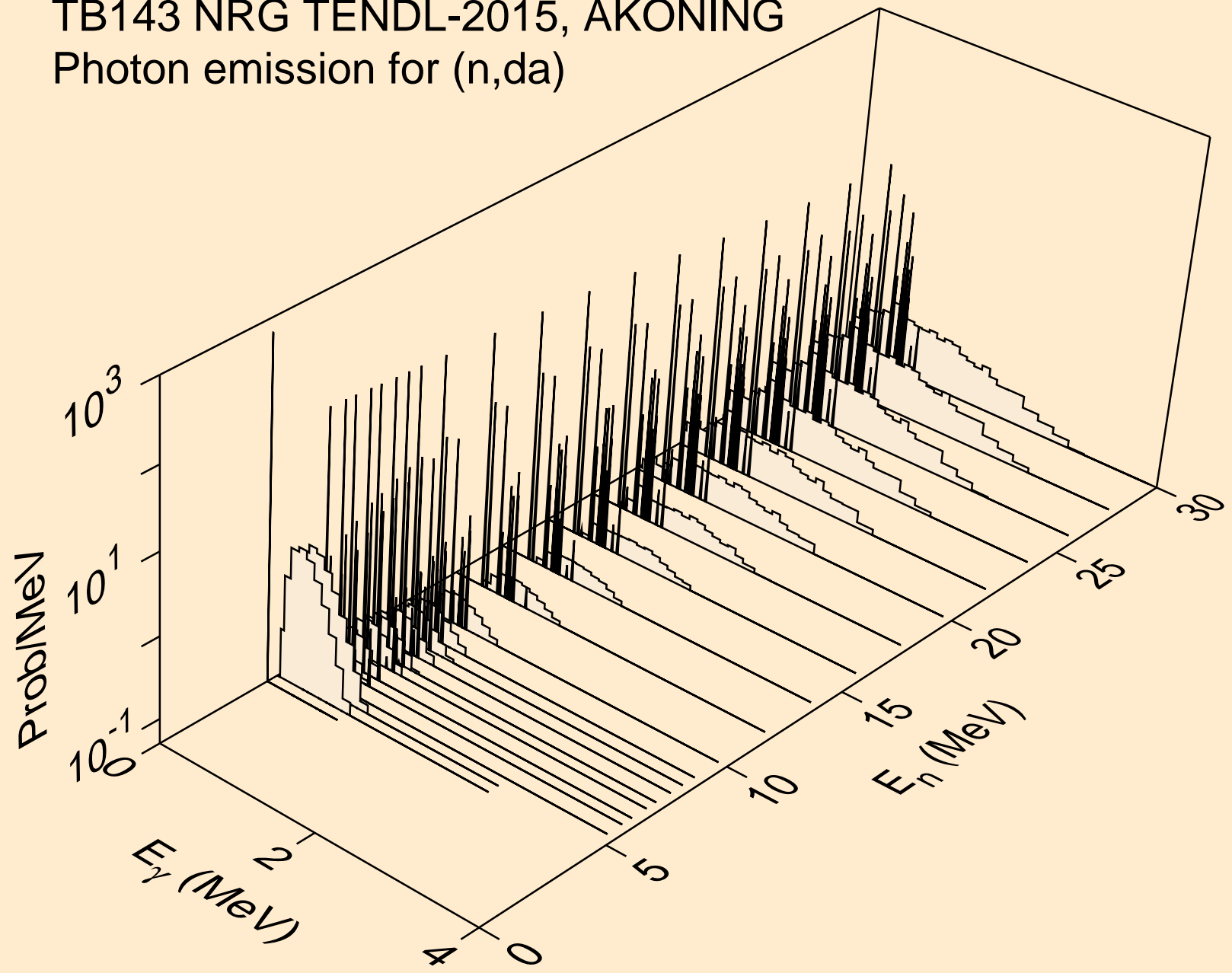
TB143 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



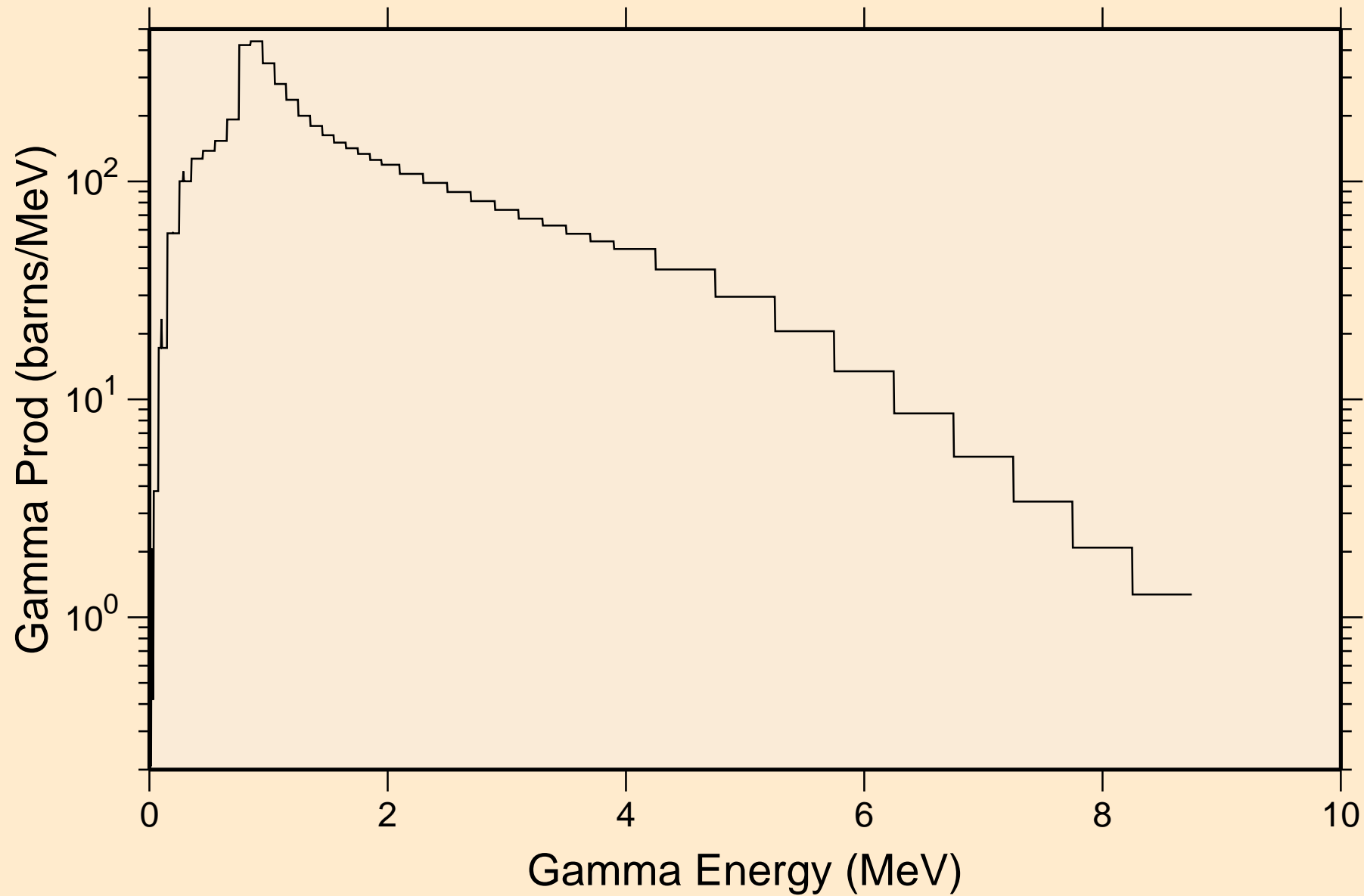
TB143 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



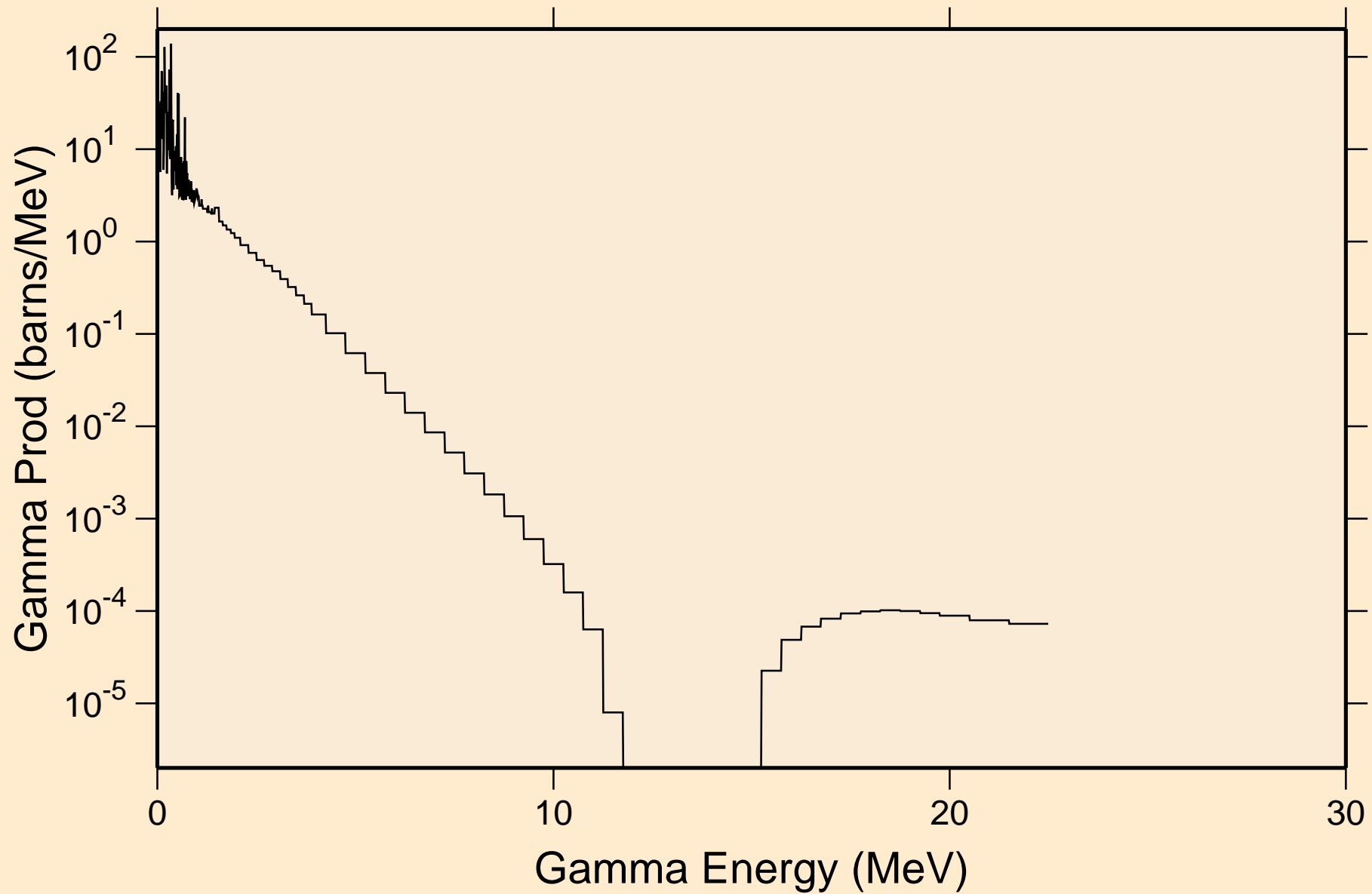
TB143 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



TB143 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

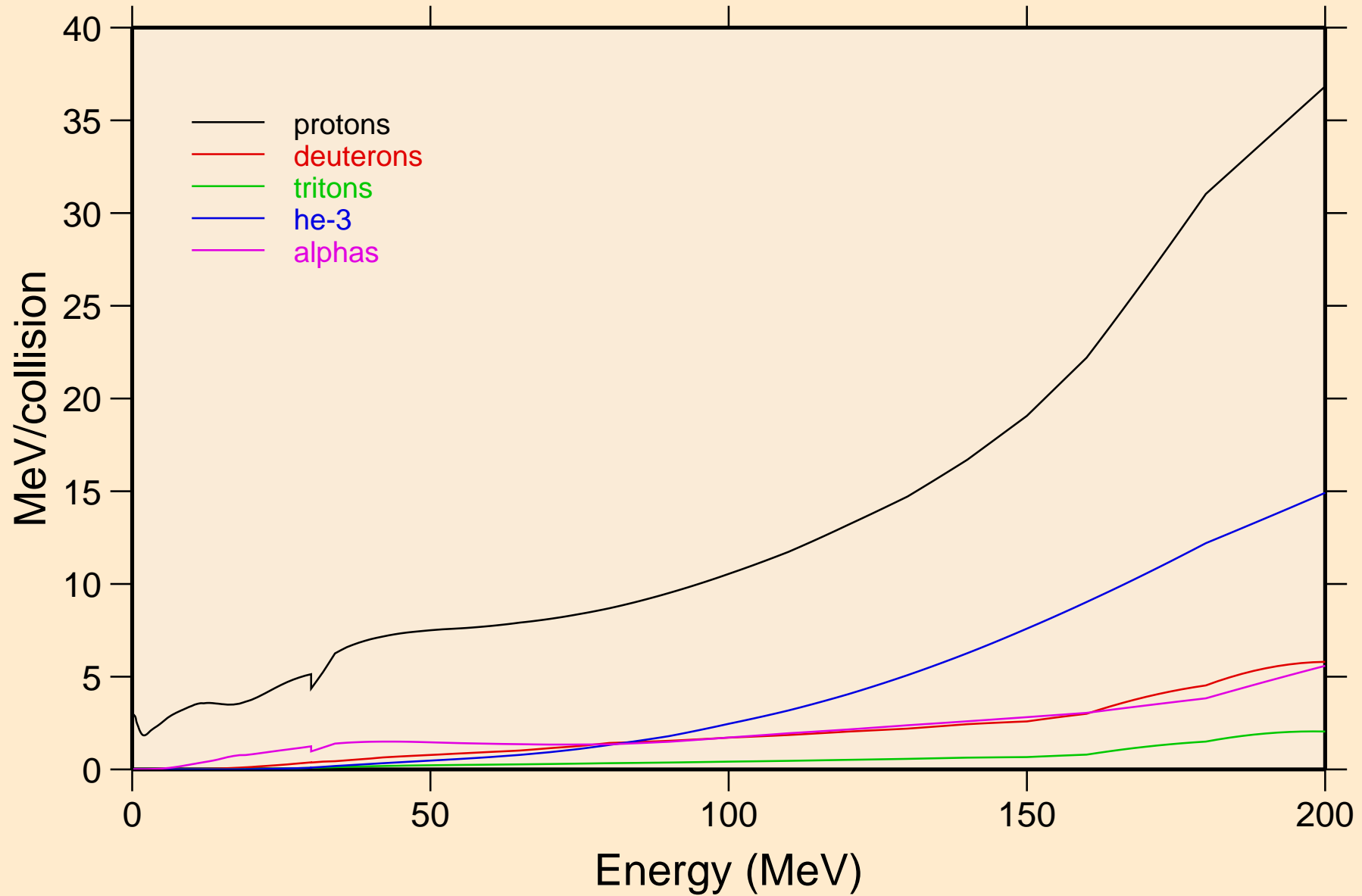


TB143 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



# TB143 NRG TENDL-2015, AKONING

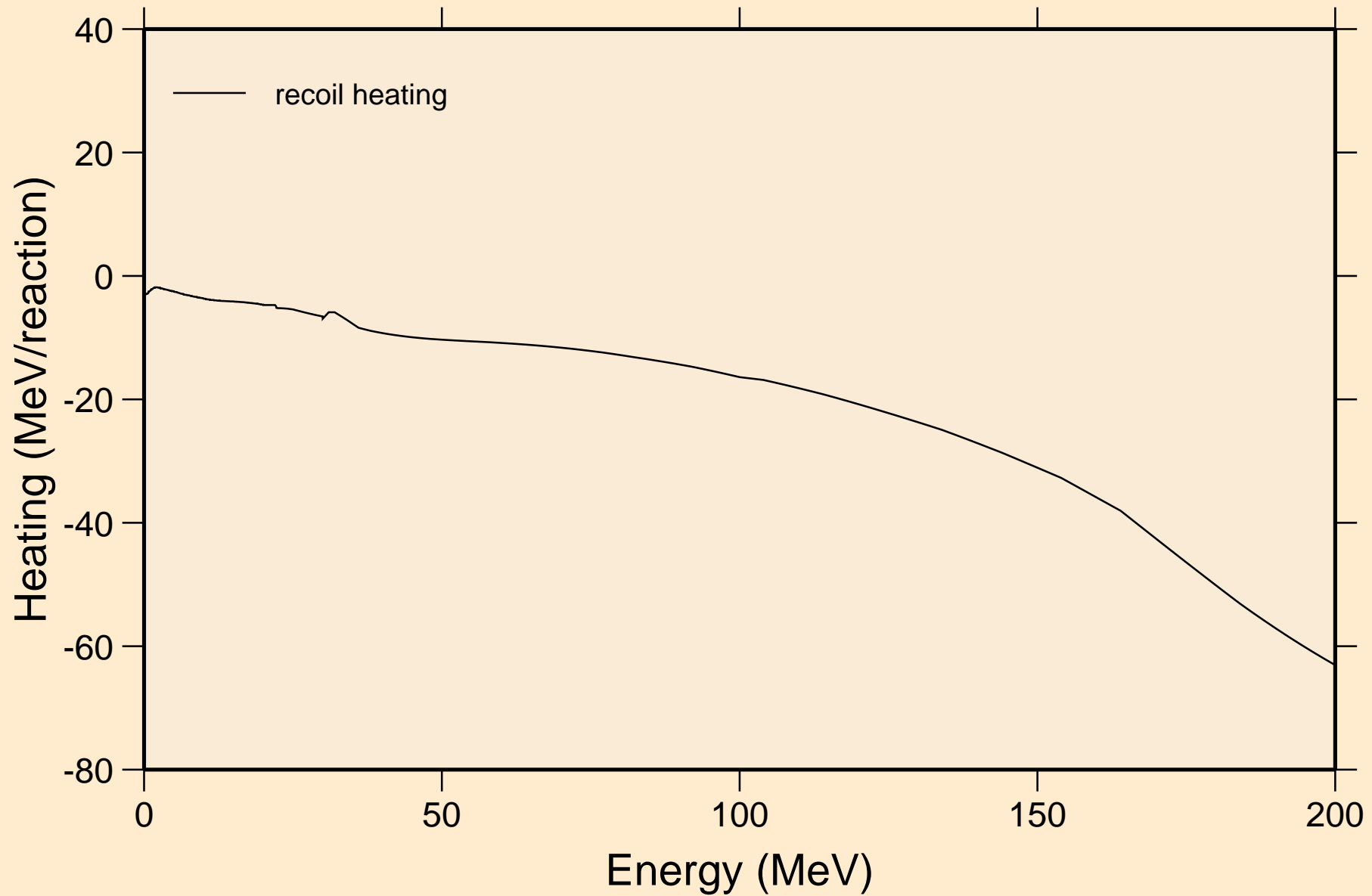
## Particle heating contributions





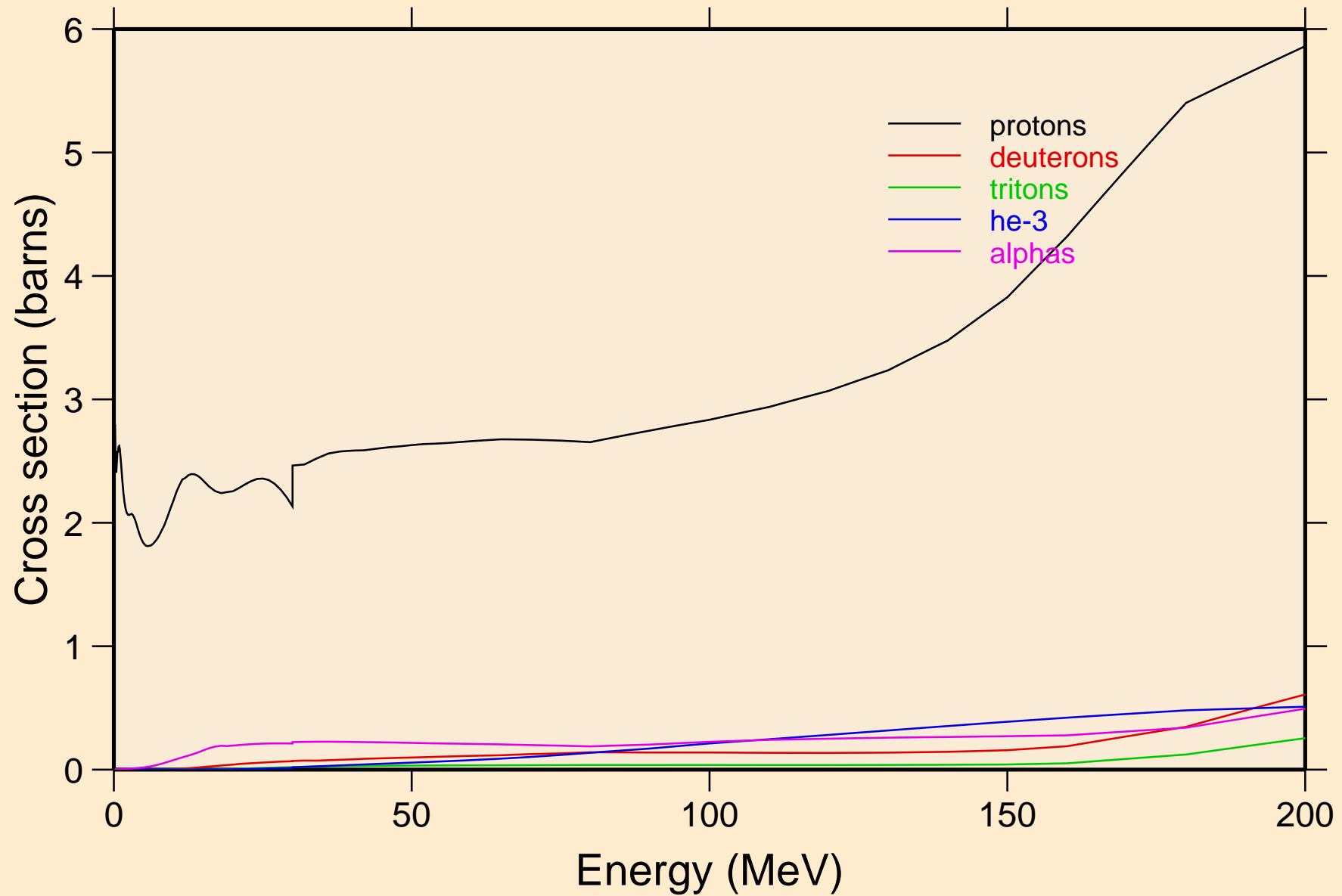
# TB143 NRG TENDL-2015, AKONING

## Recoil Heating

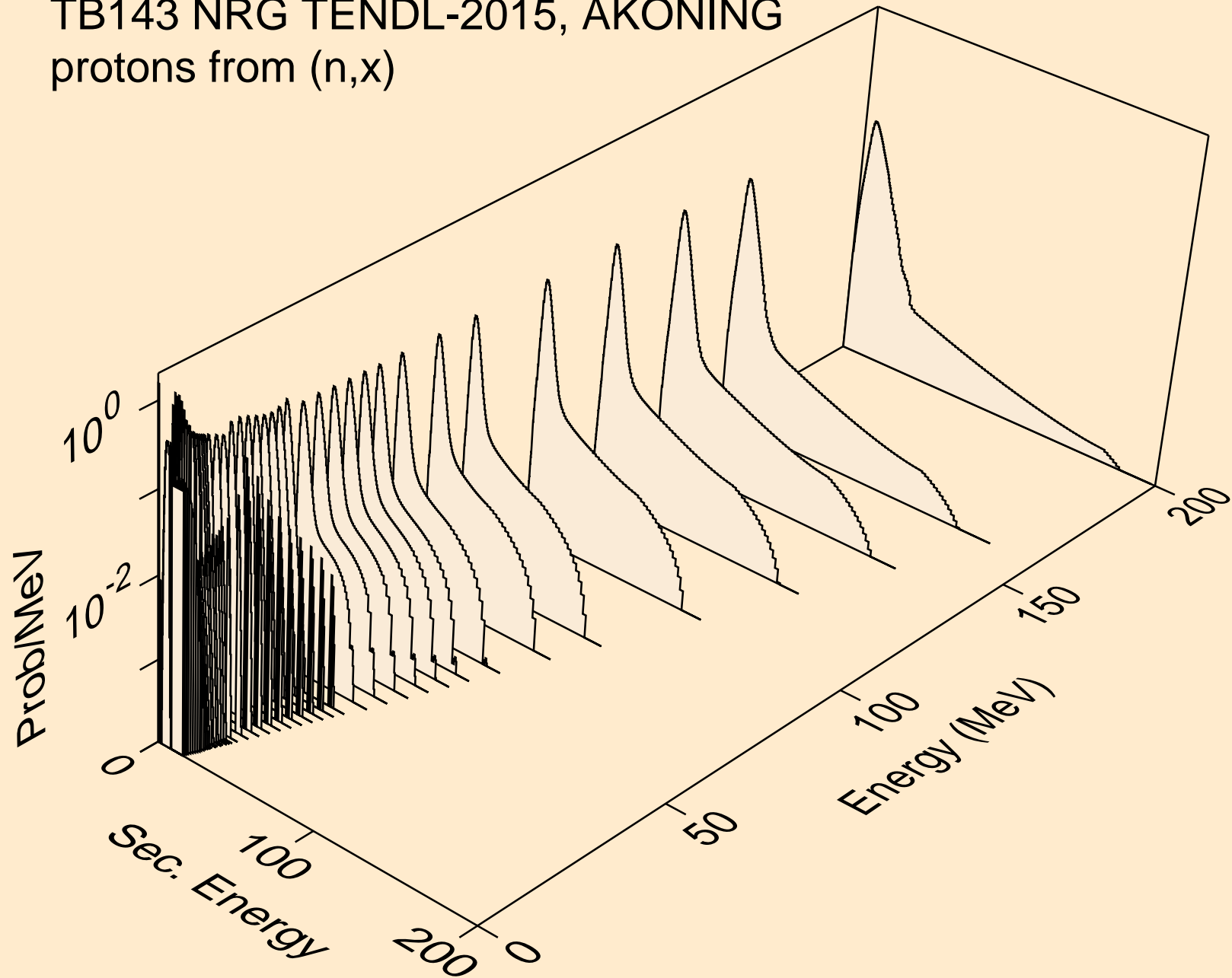


# TB143 NRG TENDL-2015, AKONING

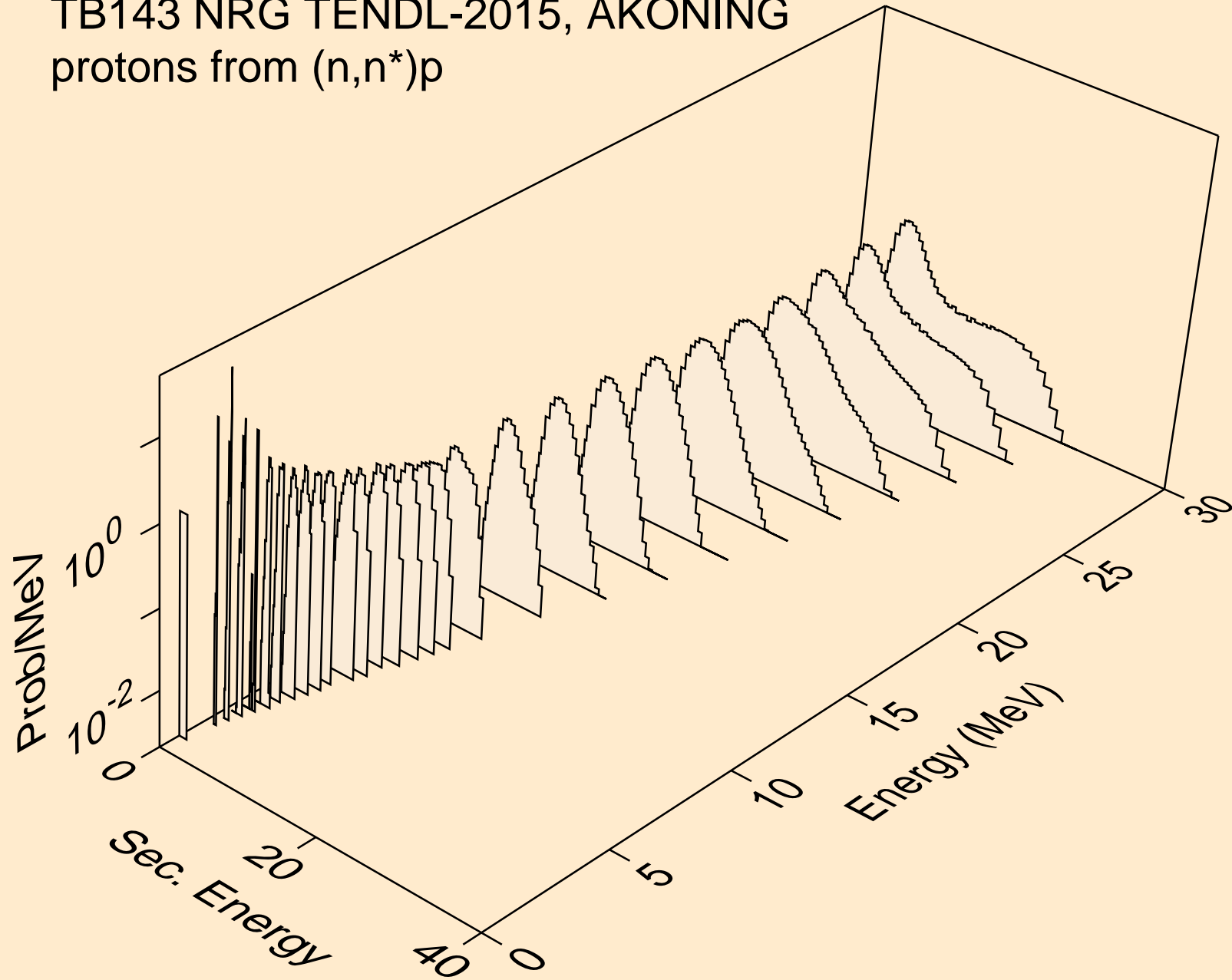
## Particle production cross sections



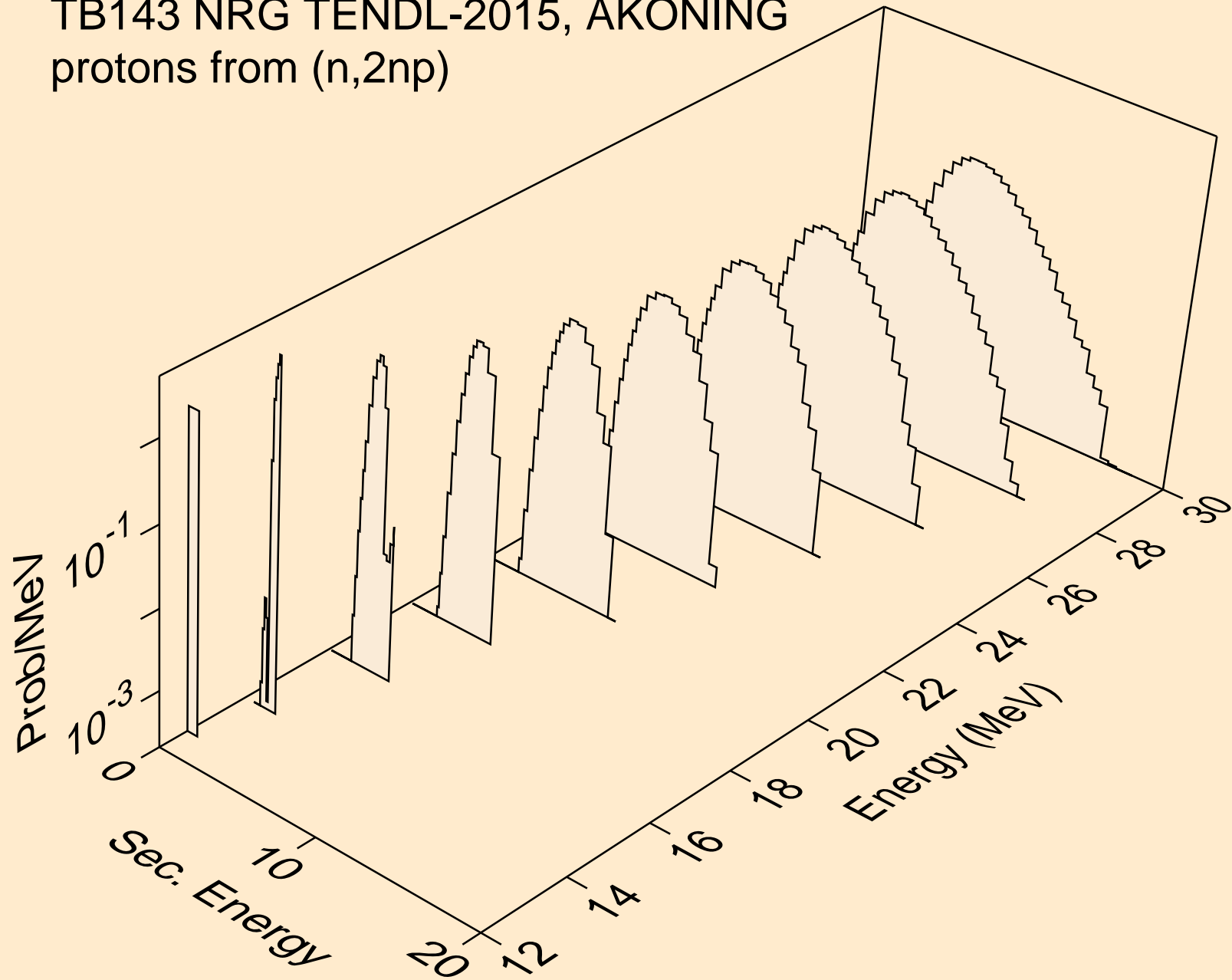
TB143 NRG TENDL-2015, AKONING  
protons from (n,x)



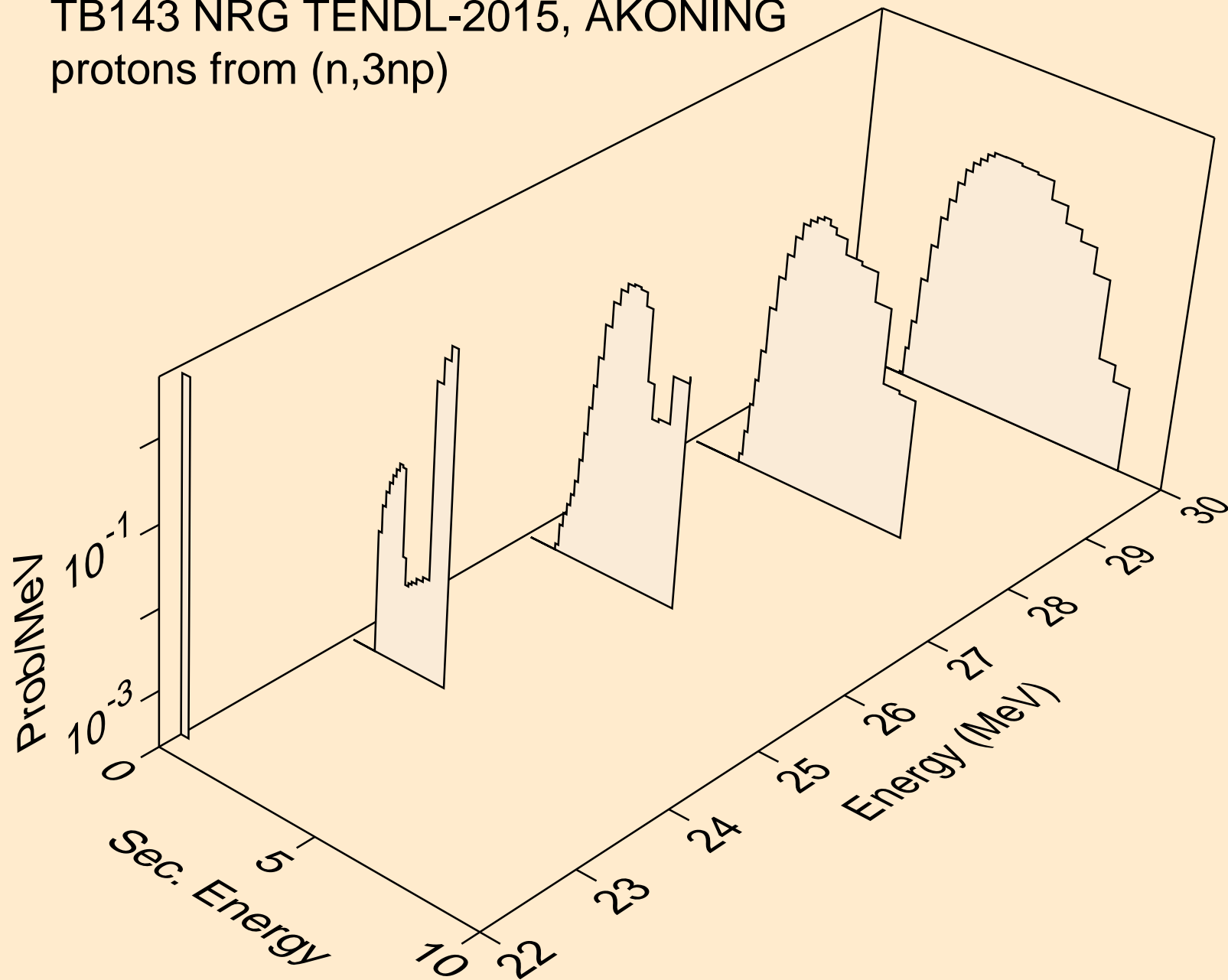
TB143 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



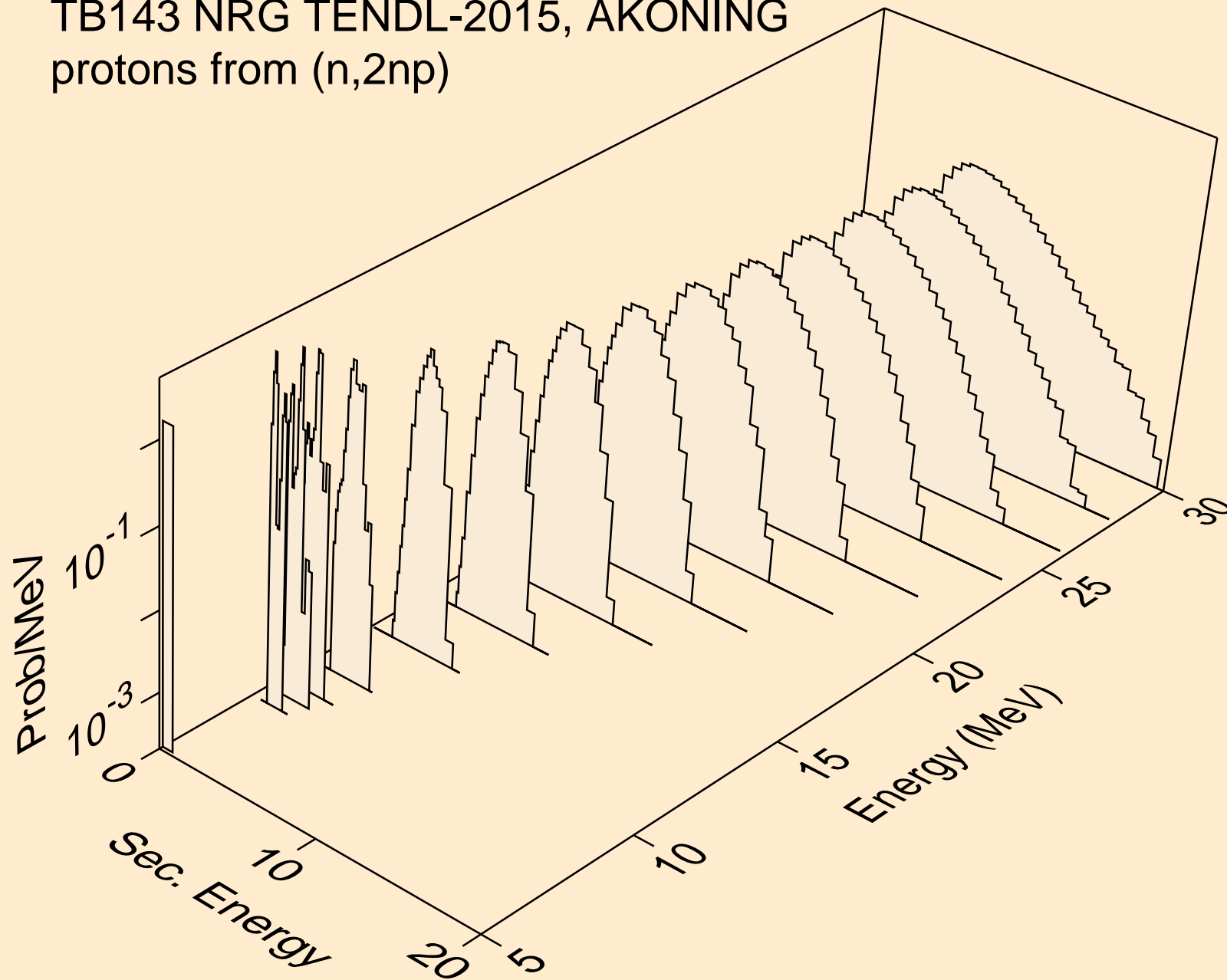
TB143 NRG TENDL-2015, AKONING  
protons from (n,2np)



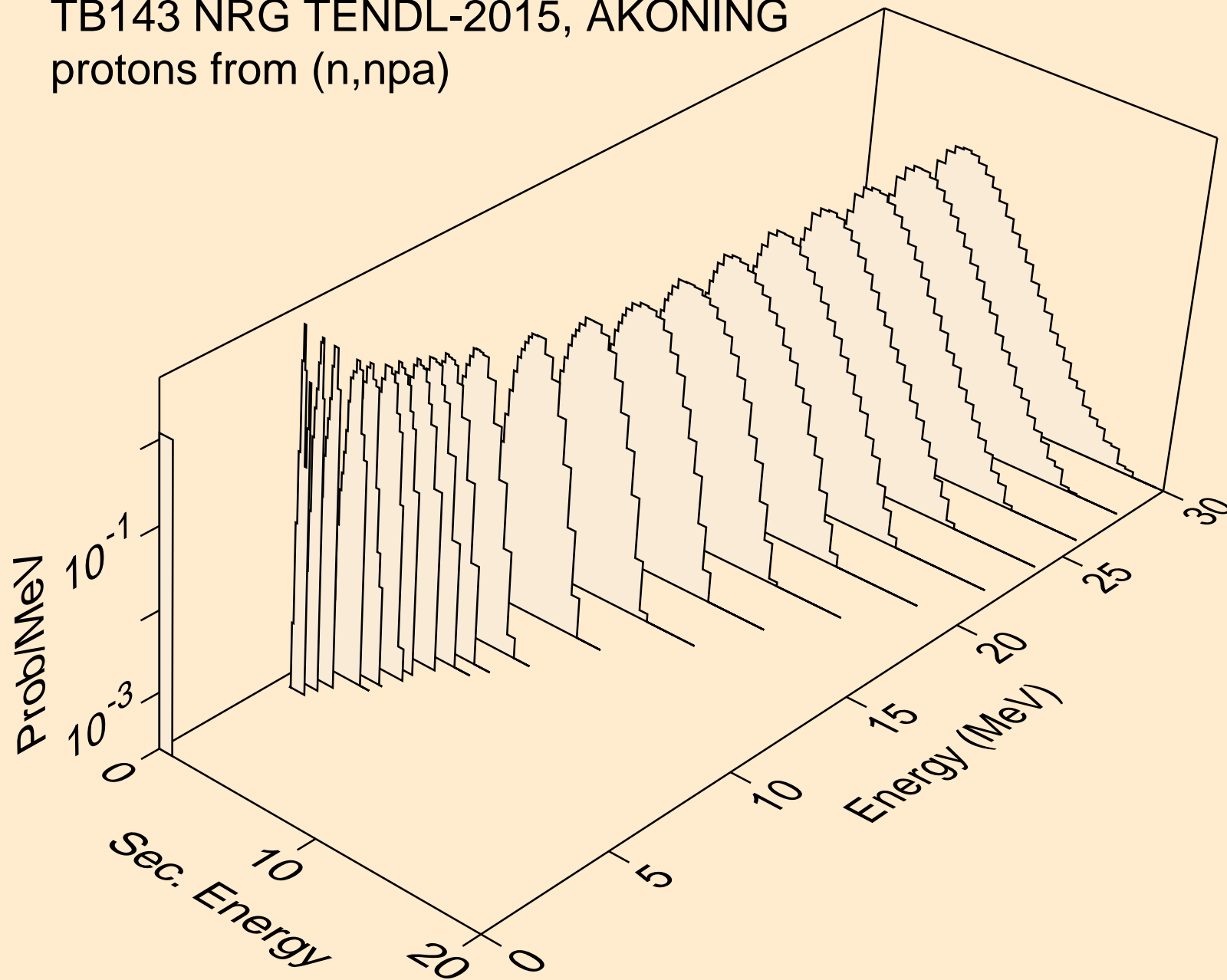
TB143 NRG TENDL-2015, AKONING  
protons from (n,3np)



TB143 NRG TENDL-2015, AKONING  
protons from (n,2np)

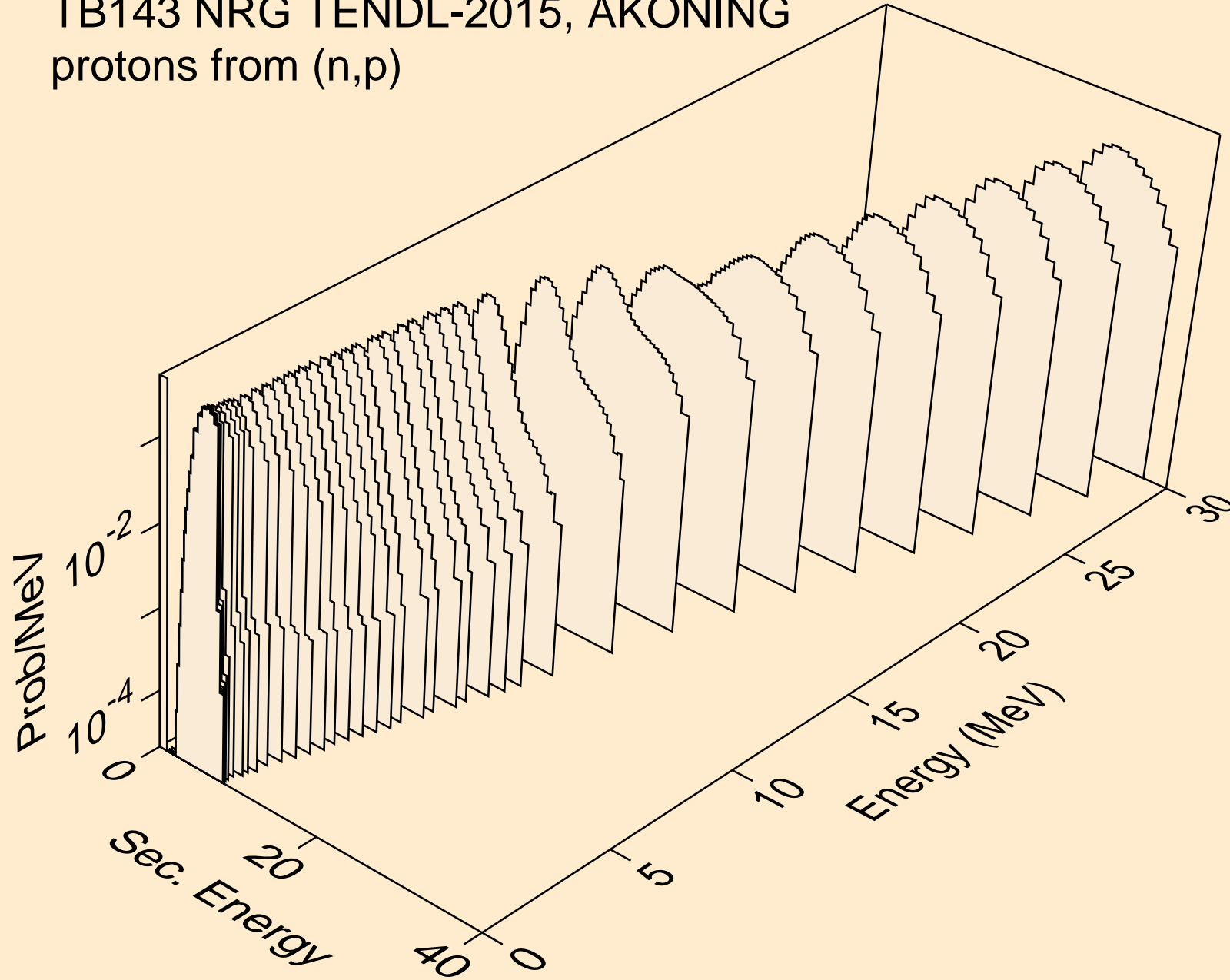


TB143 NRG TENDL-2015, AKONING  
protons from (n,npa)

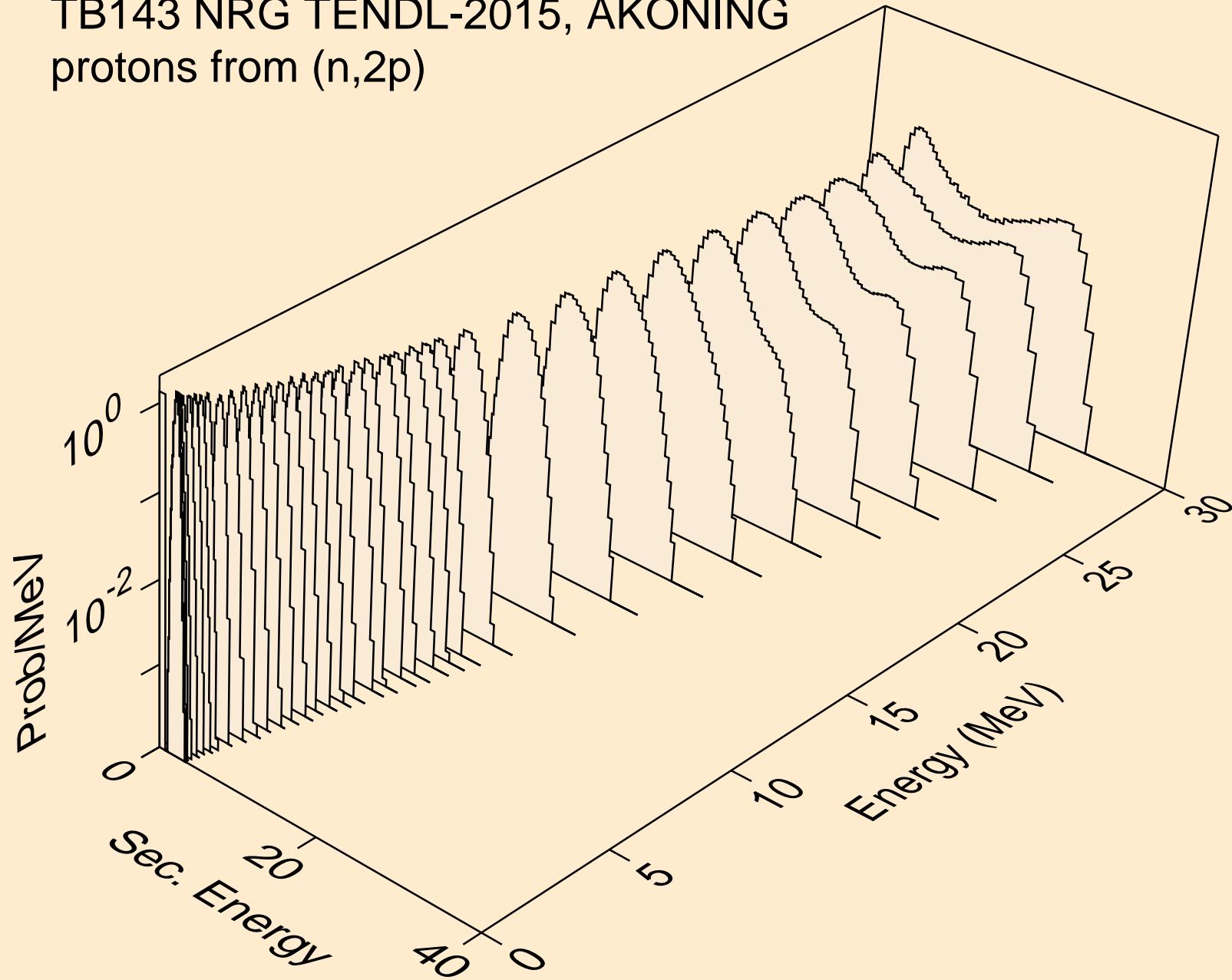




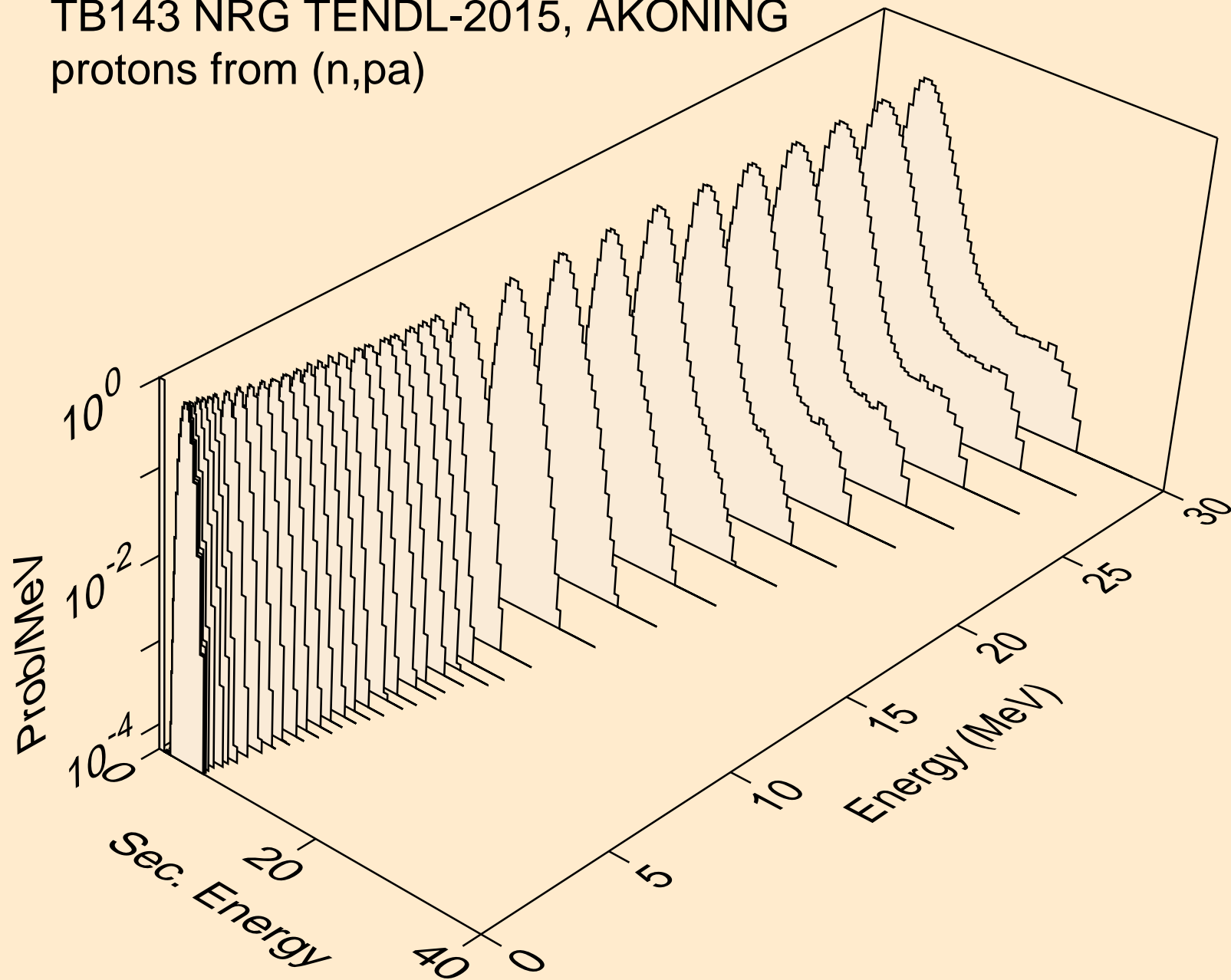
TB143 NRG TENDL-2015, AKONING  
protons from (n,p)



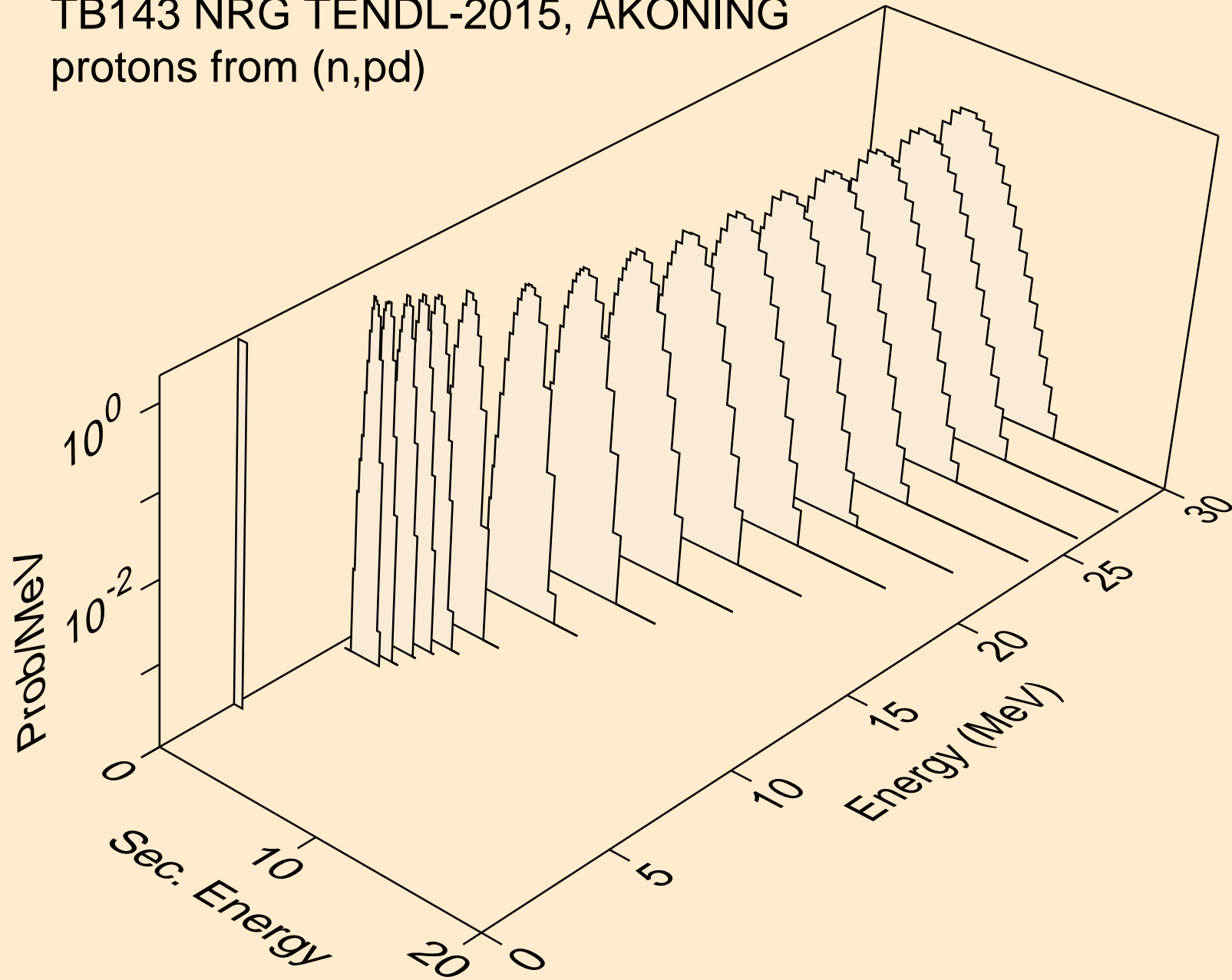
TB143 NRG TENDL-2015, AKONING  
protons from (n,2p)



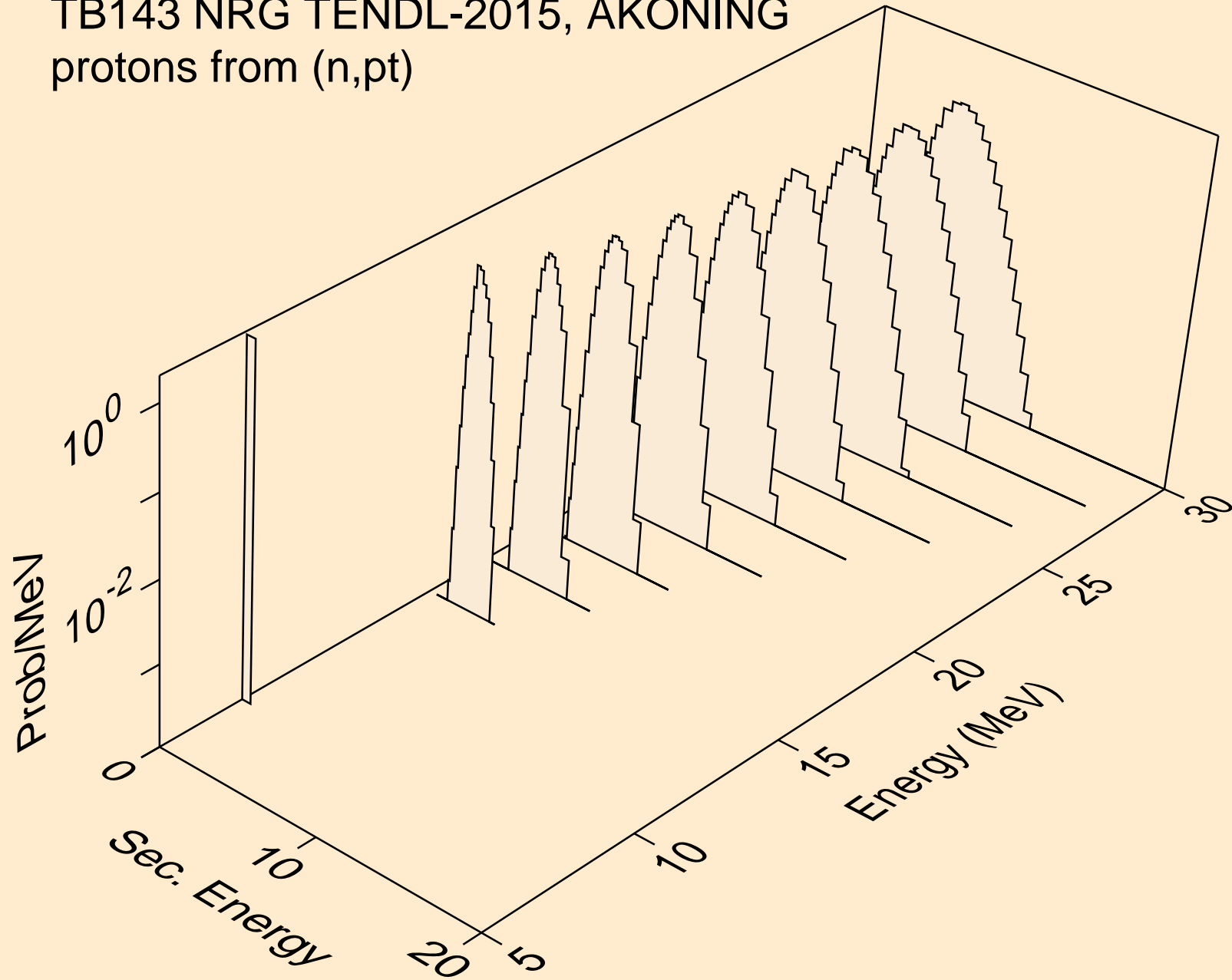
TB143 NRG TENDL-2015, AKONING  
protons from (n,pa)



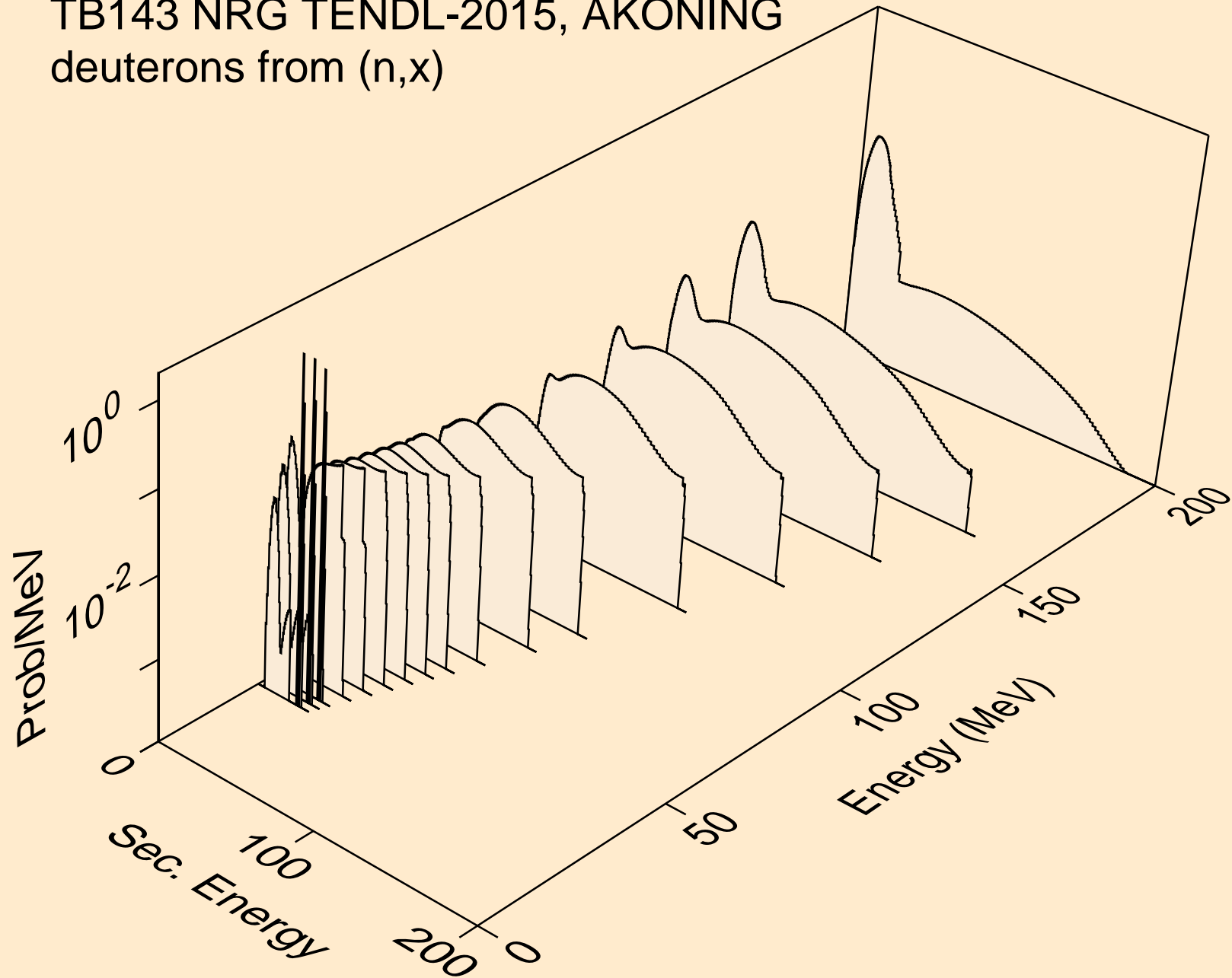
TB143 NRG TENDL-2015, AKONING  
protons from (n,pd)



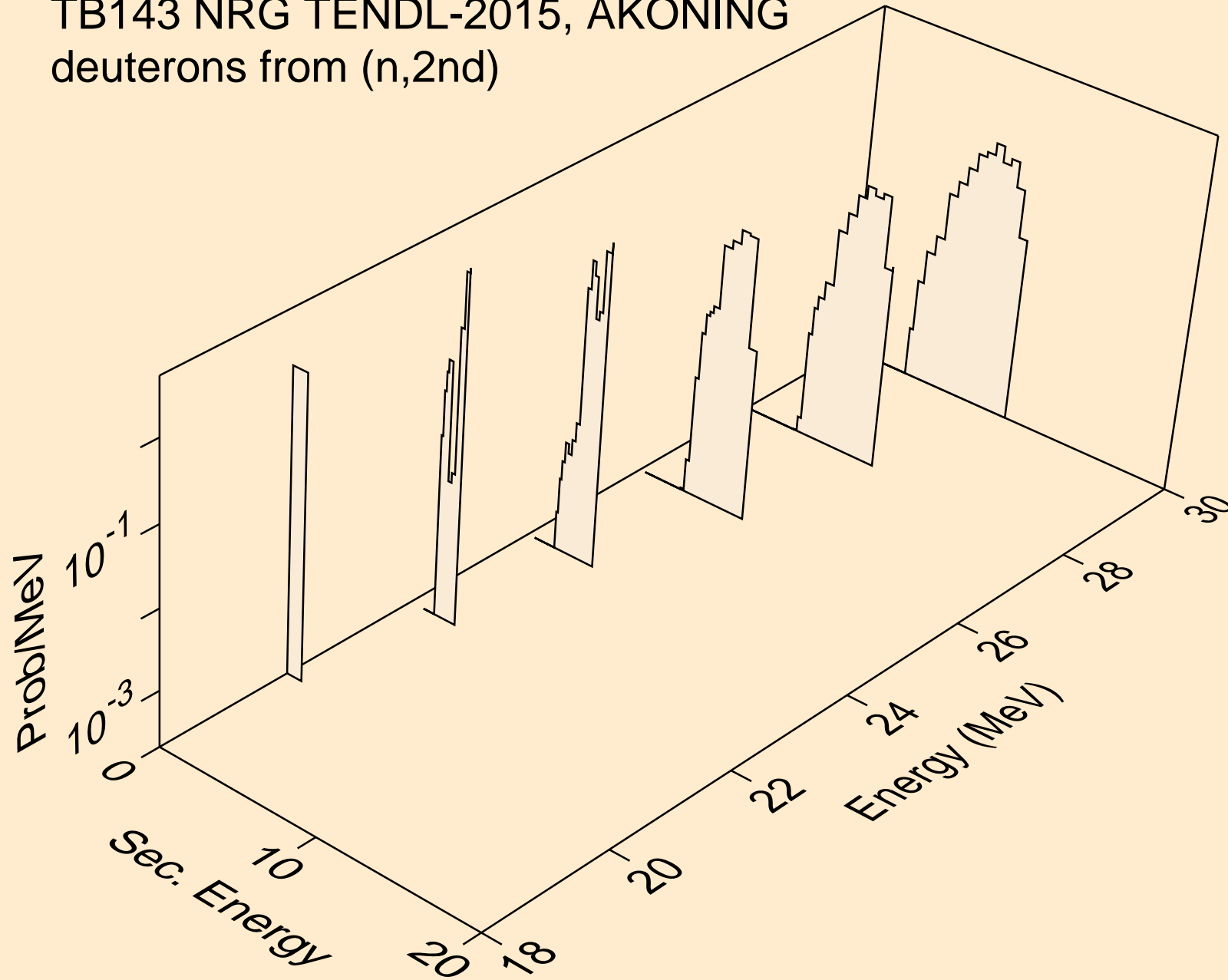
TB143 NRG TENDL-2015, AKONING  
protons from (n,pt)



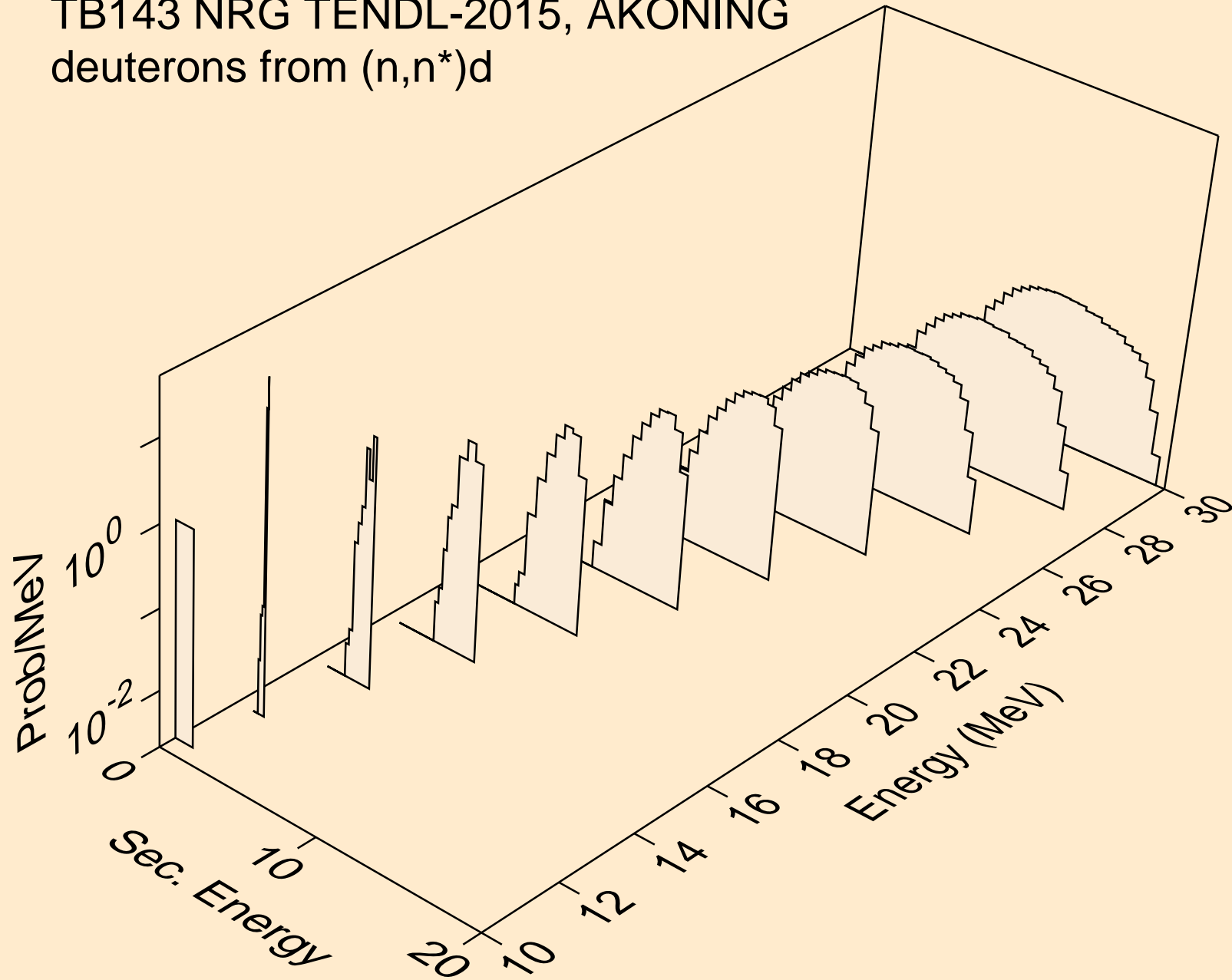
TB143 NRG TENDL-2015, AKONING  
deuterons from (n,x)



TB143 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)

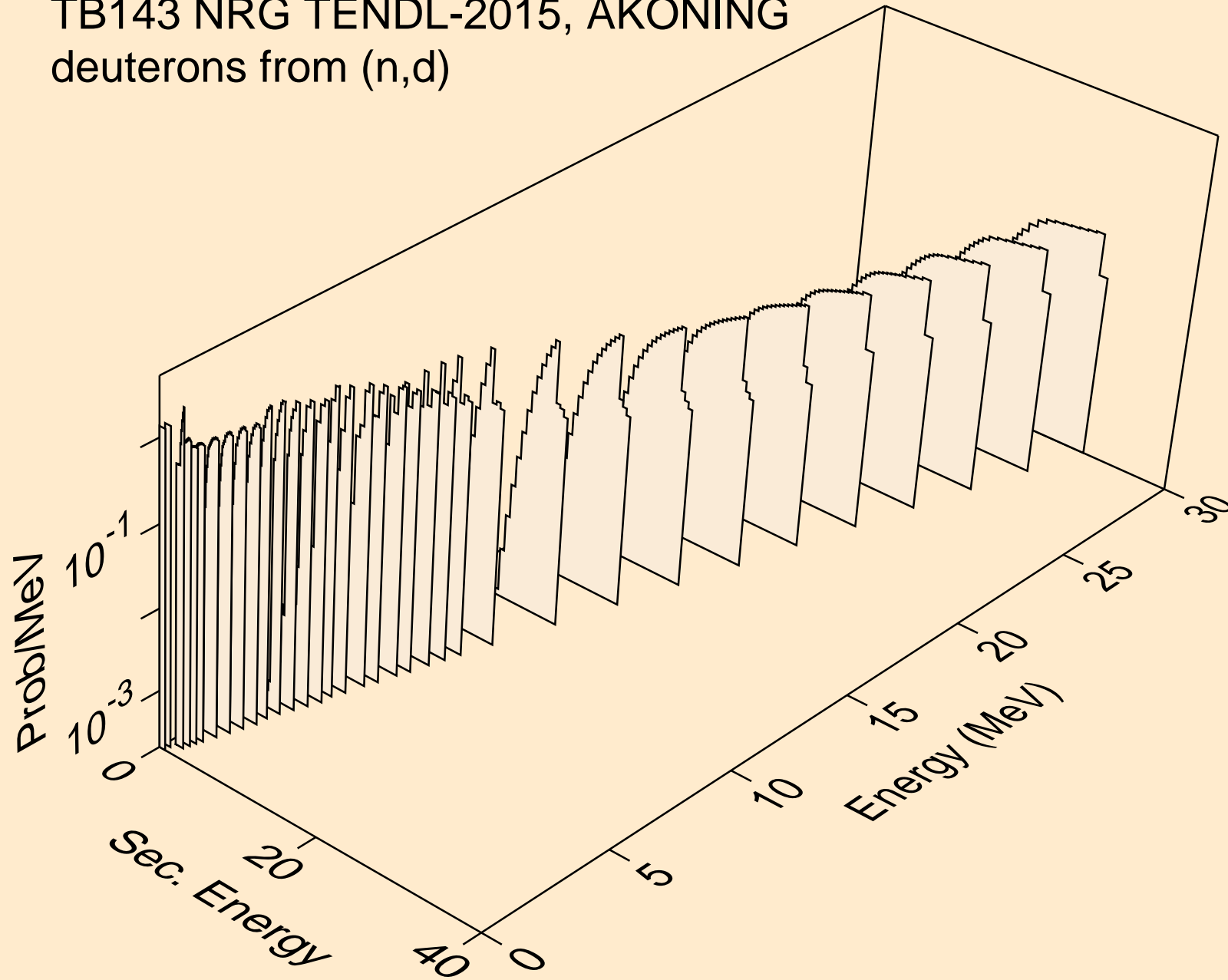


TB143 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d

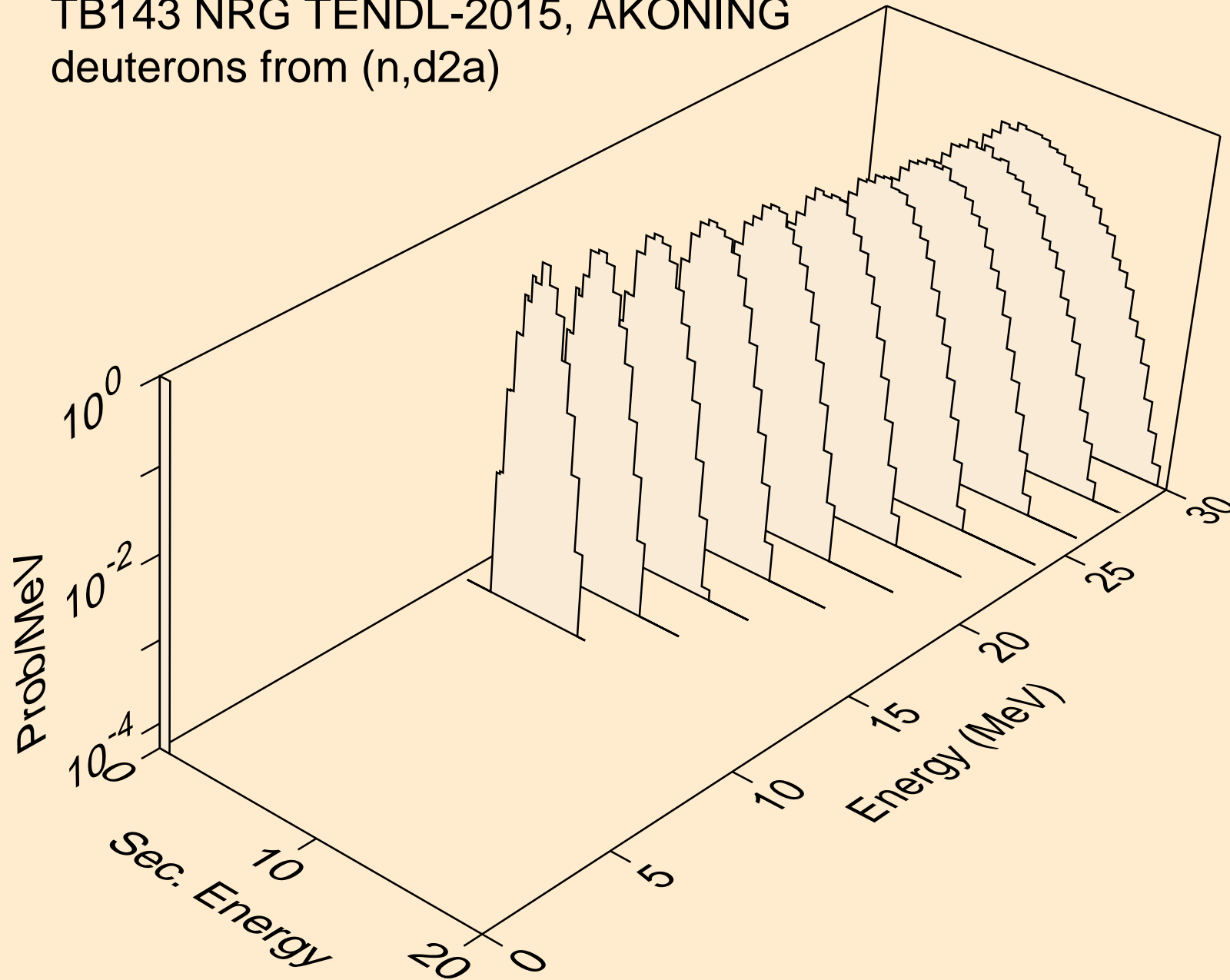




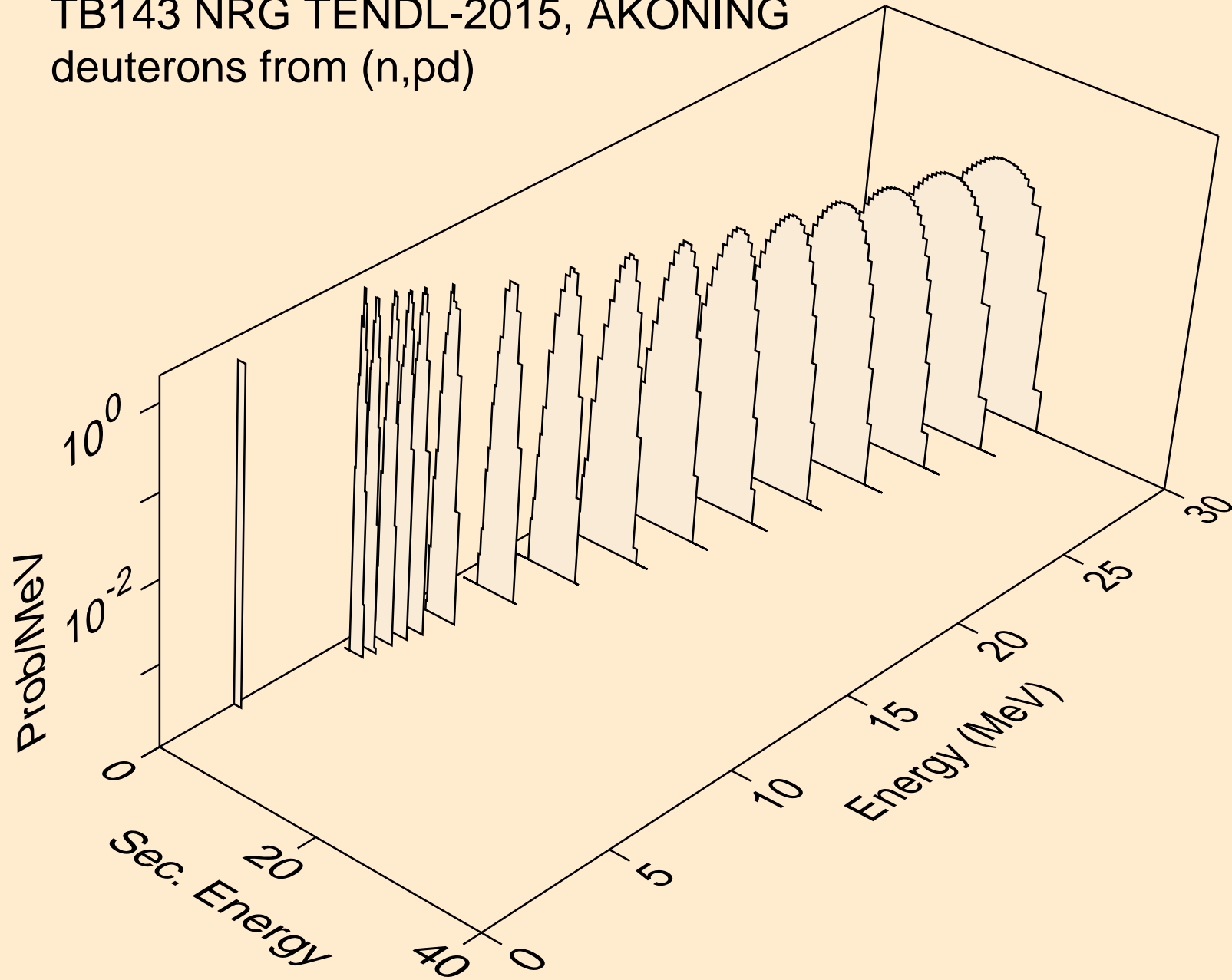
TB143 NRG TENDL-2015, AKONING  
deuterons from (n,d)



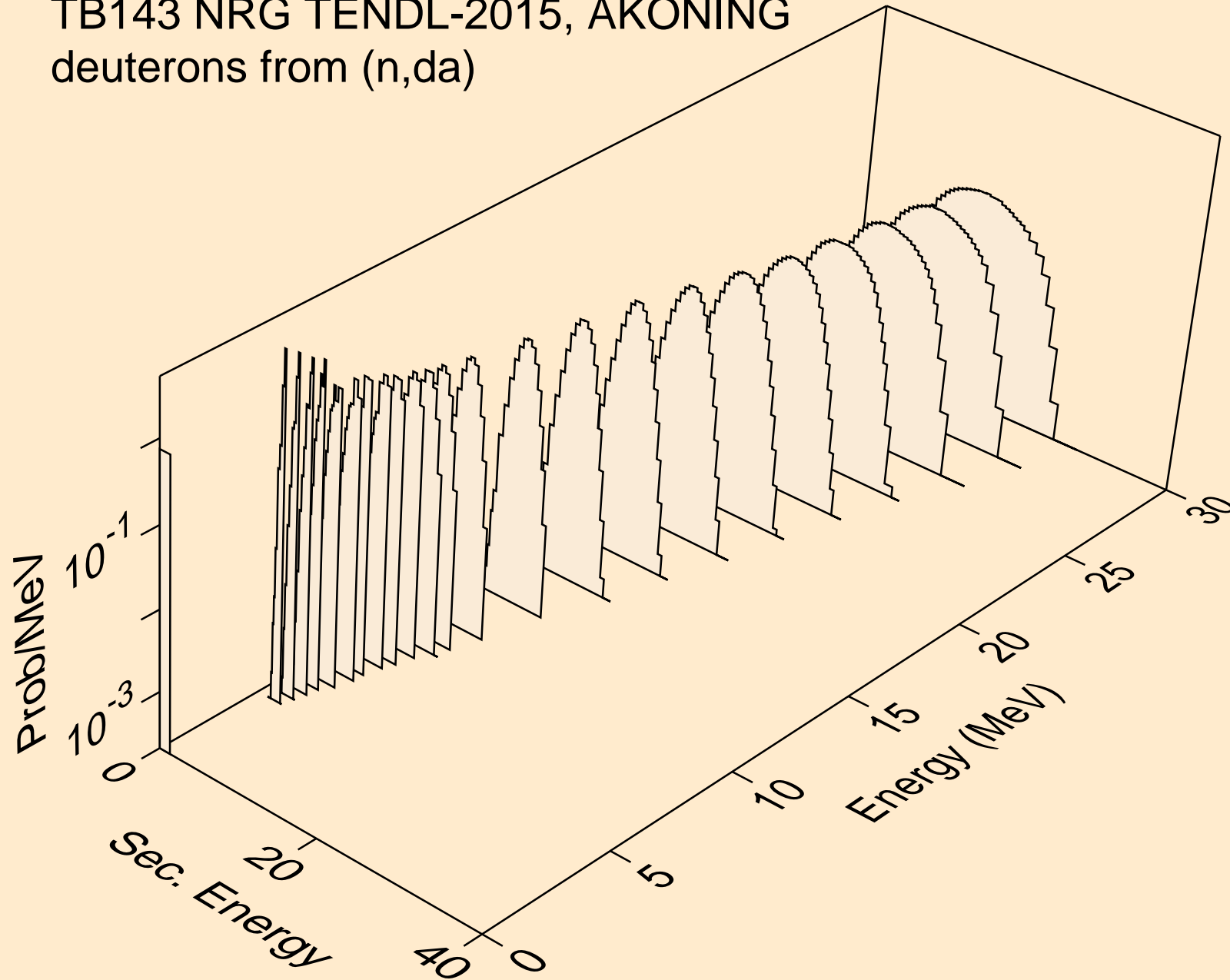
TB143 NRG TENDL-2015, AKONING  
deuterons from (n,d2a)



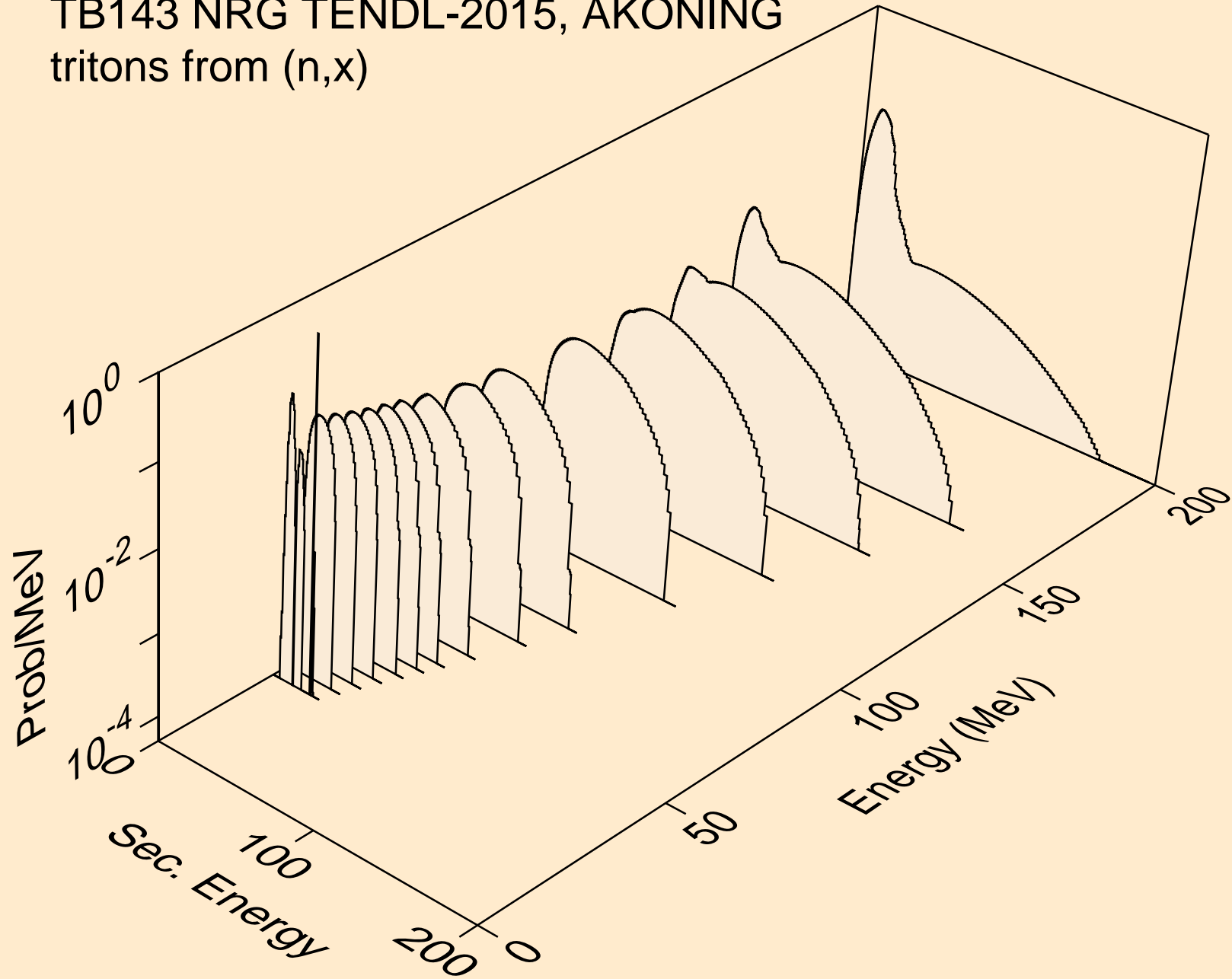
TB143 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



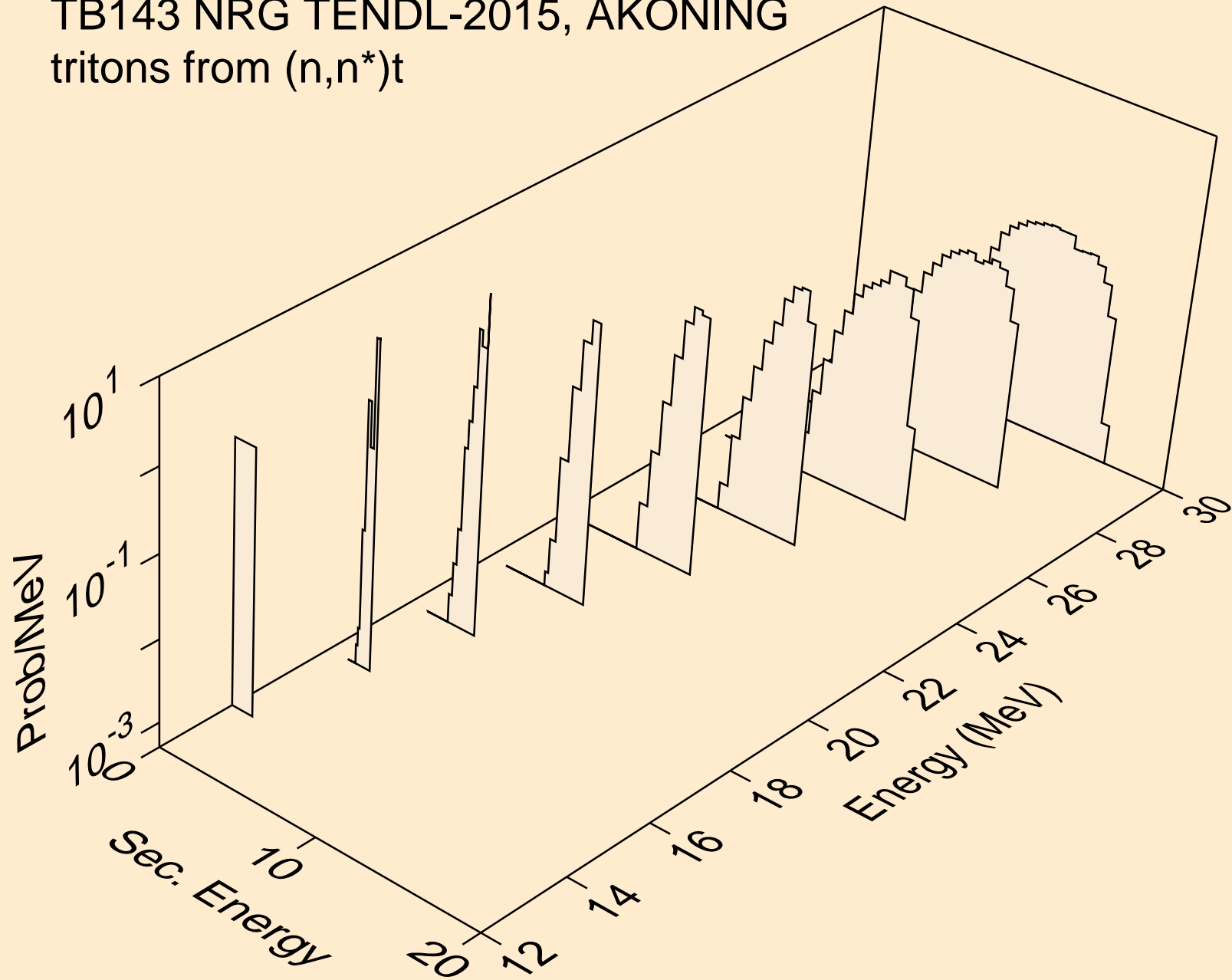
TB143 NRG TENDL-2015, AKONING  
deuterons from (n,da)



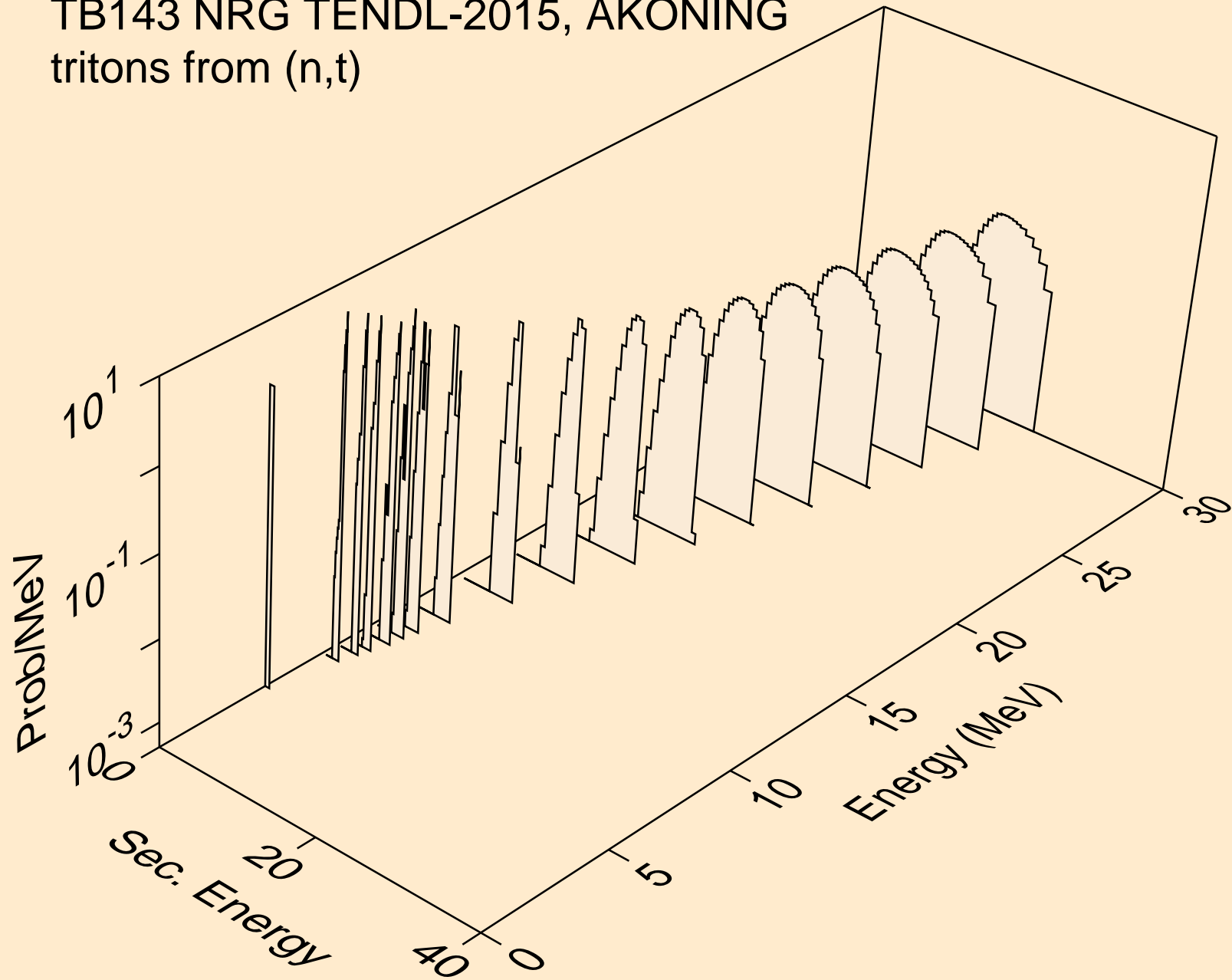
TB143 NRG TENDL-2015, AKONING  
tritons from (n,x)



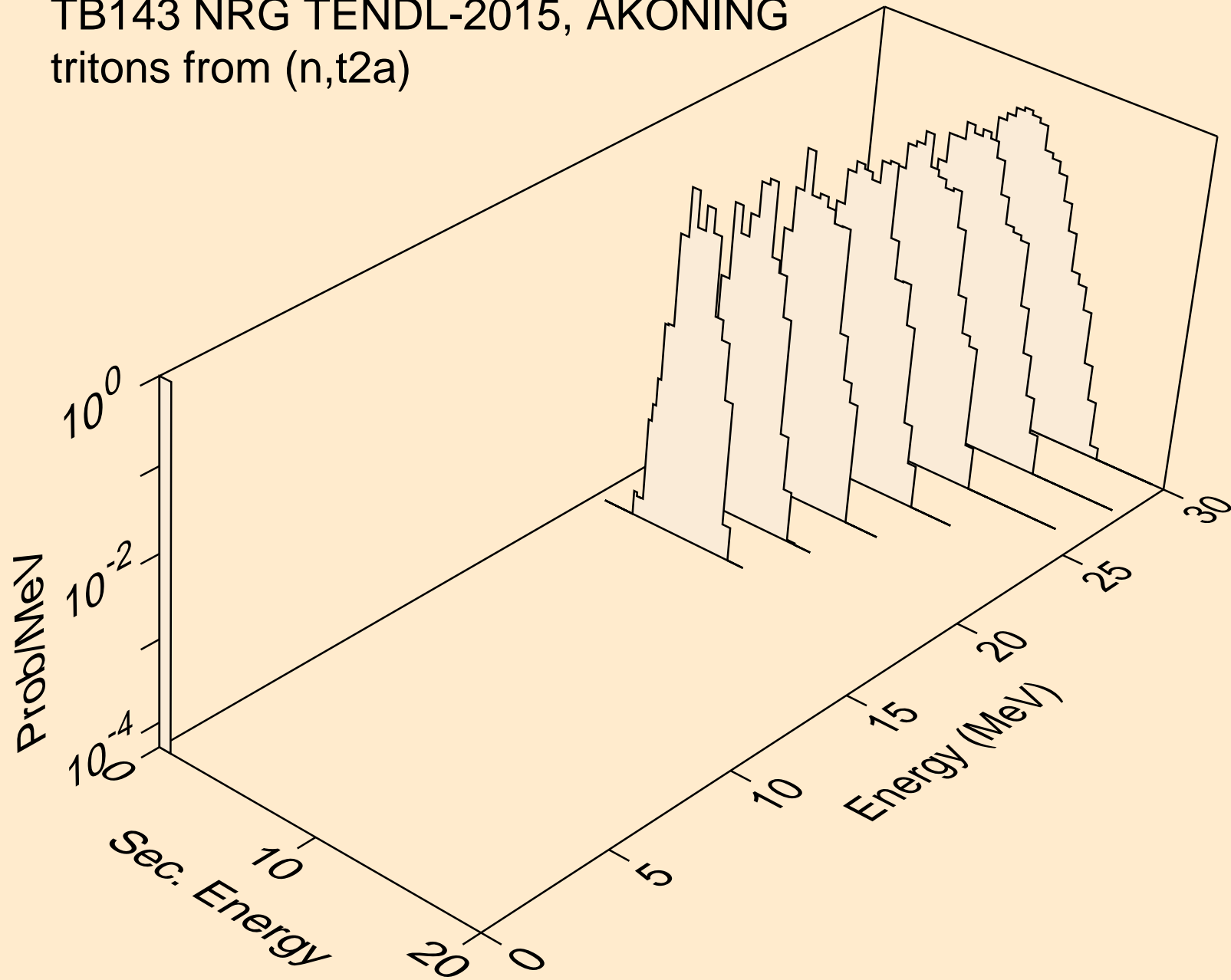
TB143 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



TB143 NRG TENDL-2015, AKONING  
tritons from (n,t)

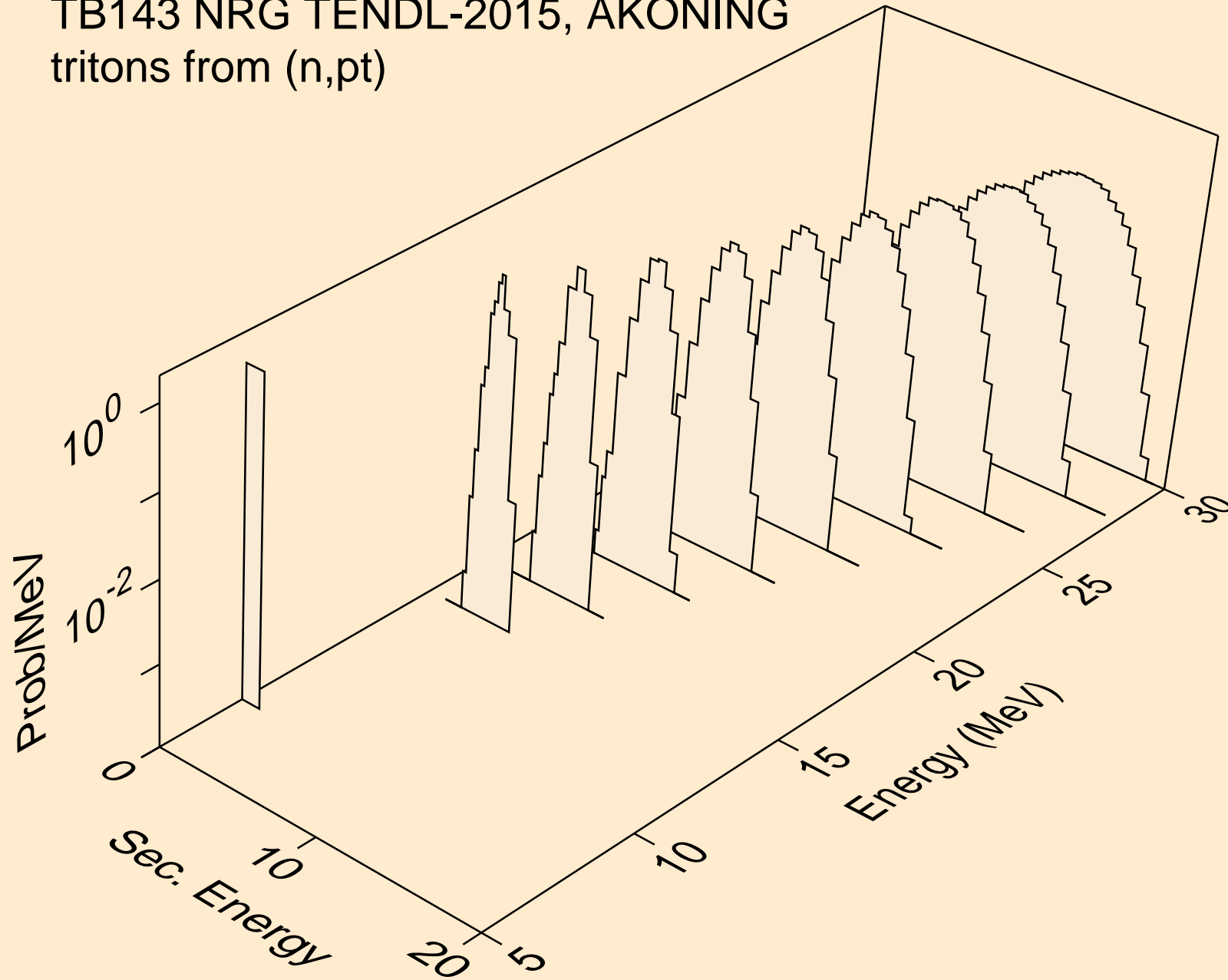


TB143 NRG TENDL-2015, AKONING  
tritons from (n,t2a)

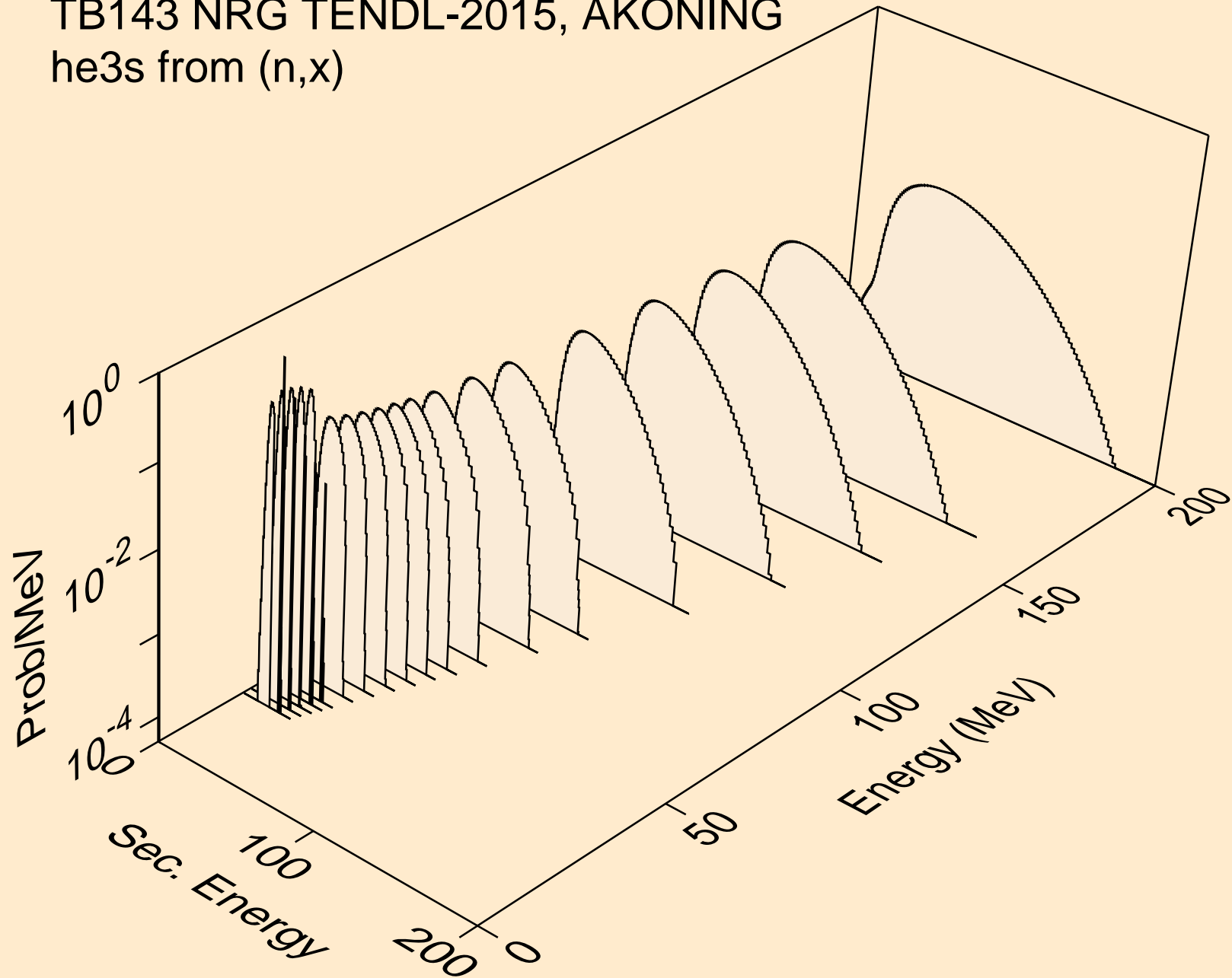




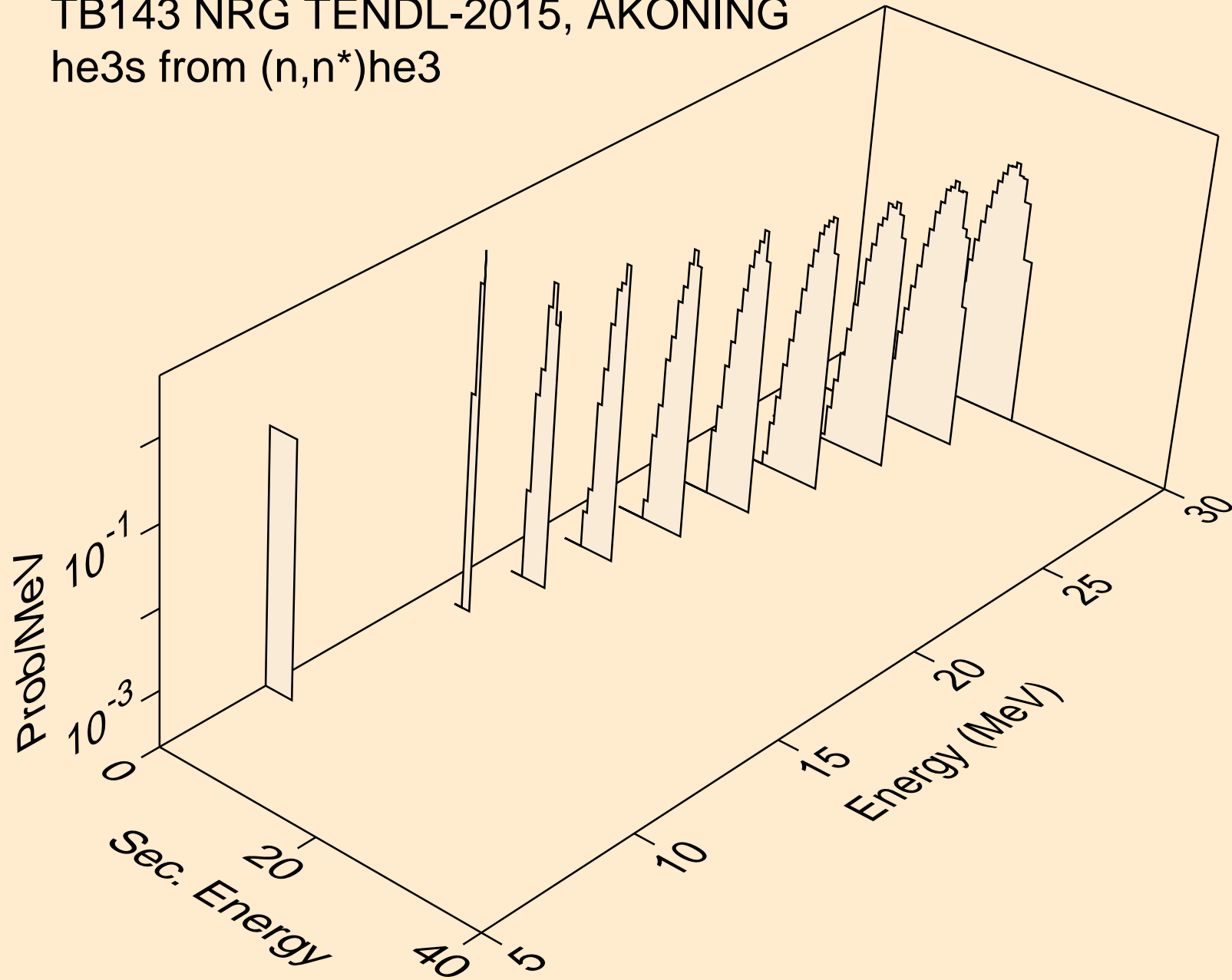
TB143 NRG TENDL-2015, AKONING  
tritons from (n,pt)



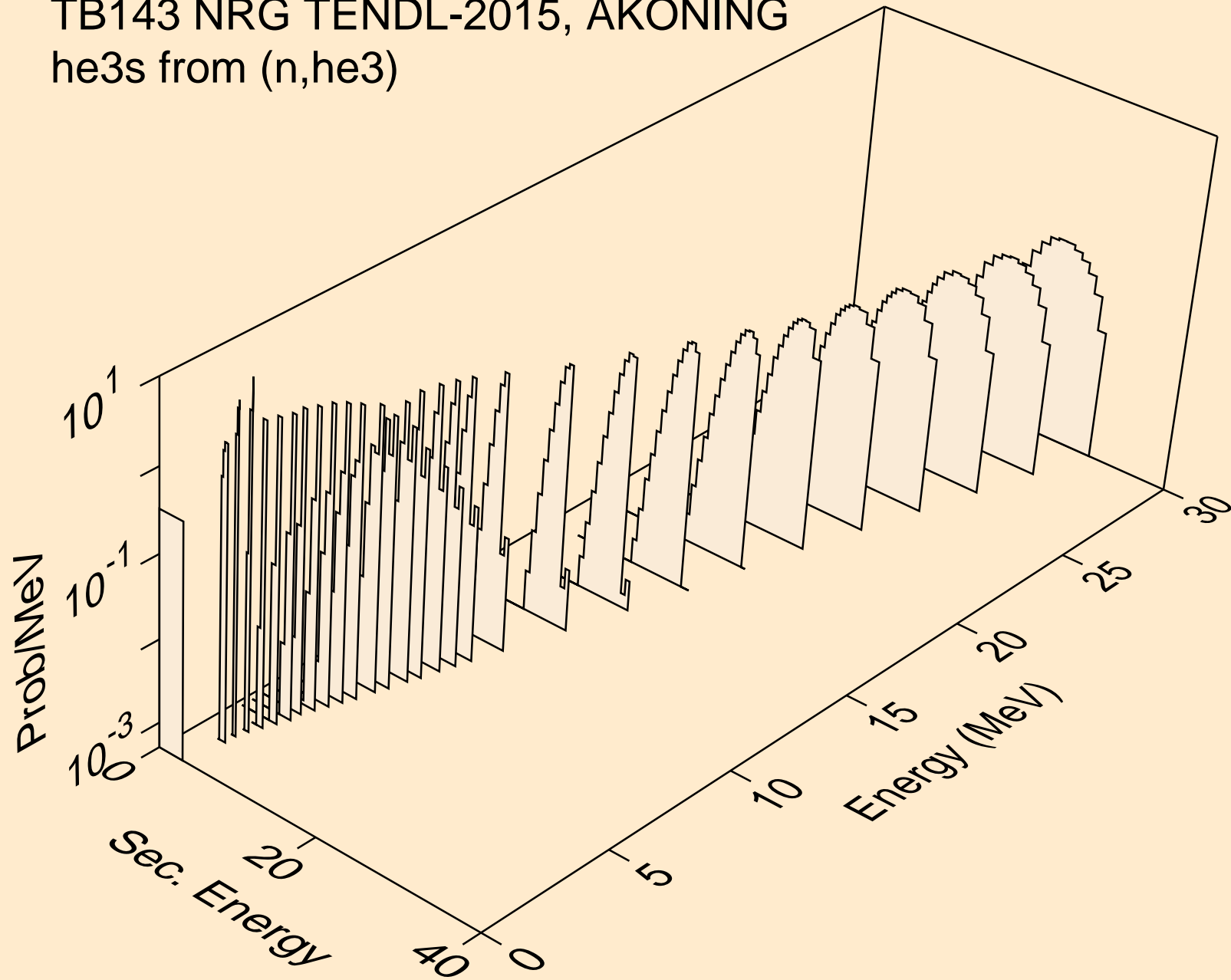
TB143 NRG TENDL-2015, AKONING  
he3s from (n,x)



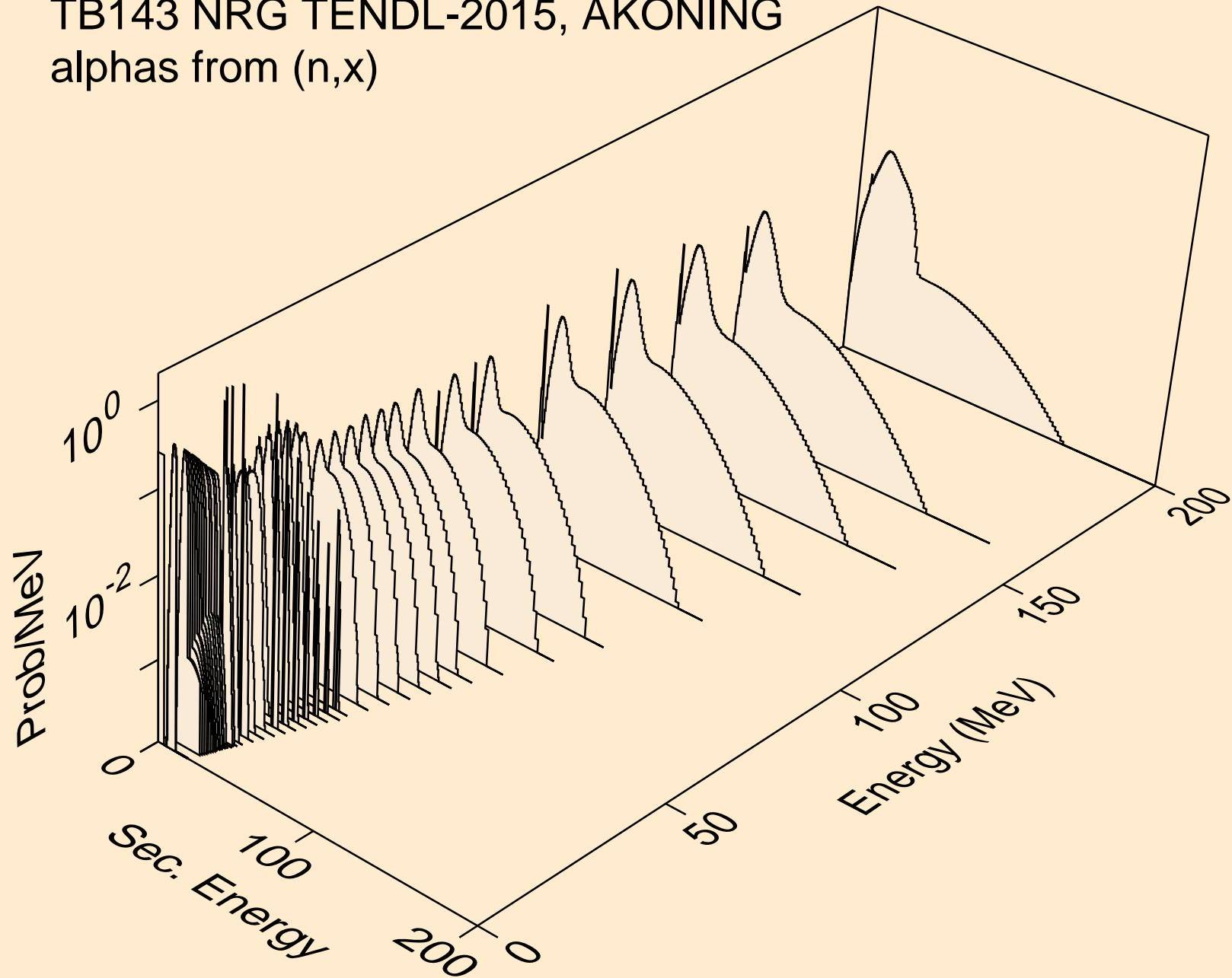
TB143 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



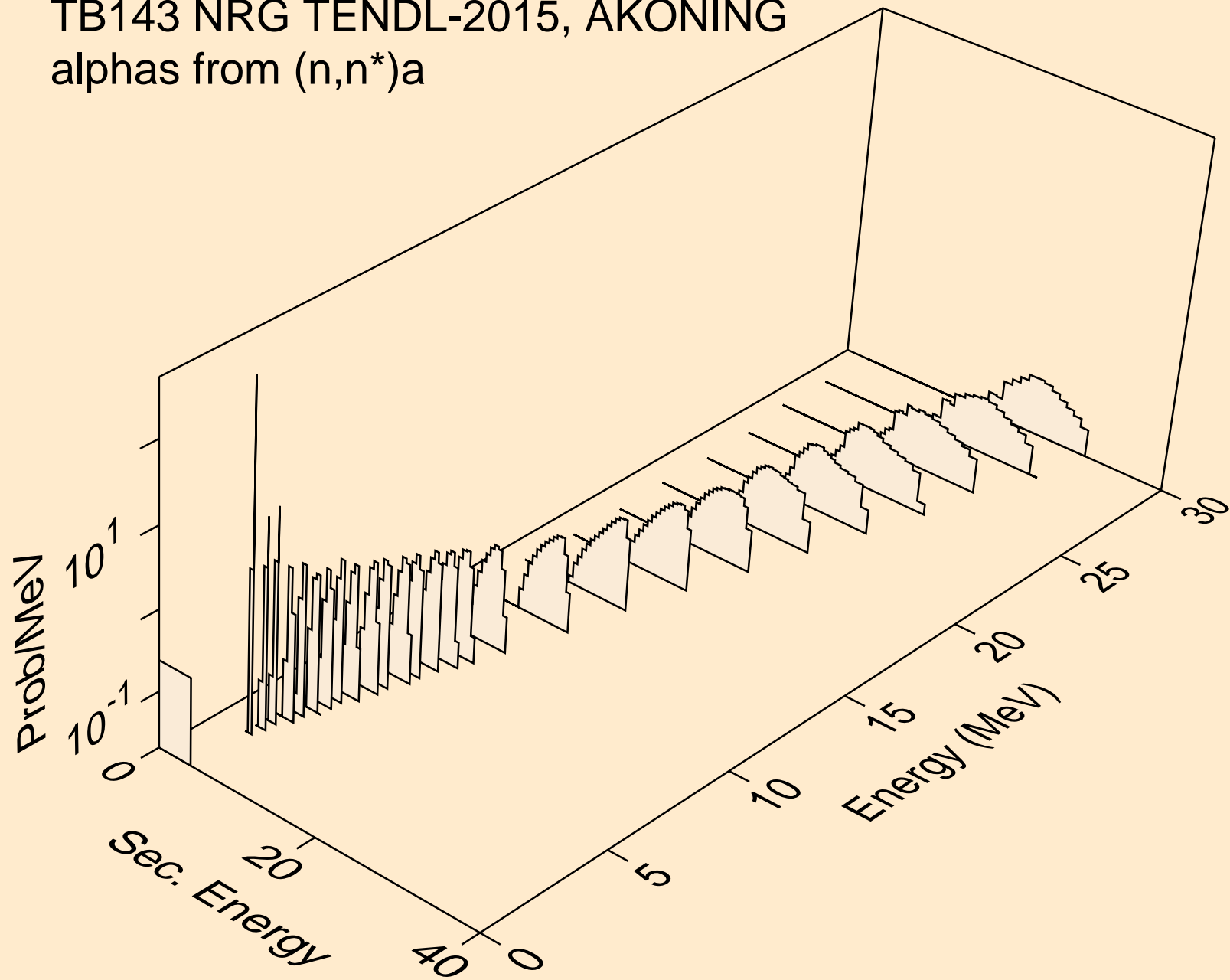
TB143 NRG TENDL-2015, AKONING  
he3s from (n,he3)



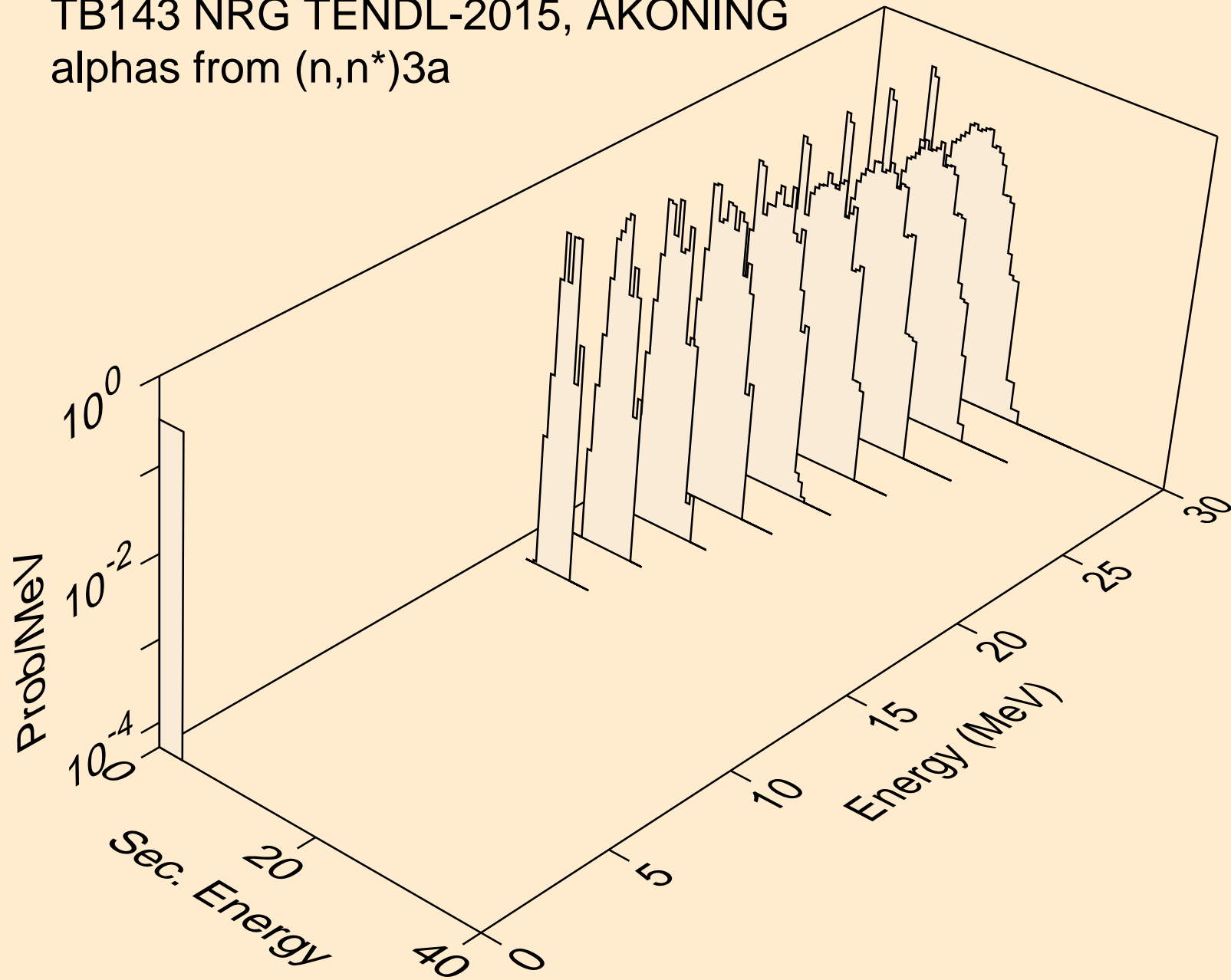
TB143 NRG TENDL-2015, AKONING  
alphas from (n,x)



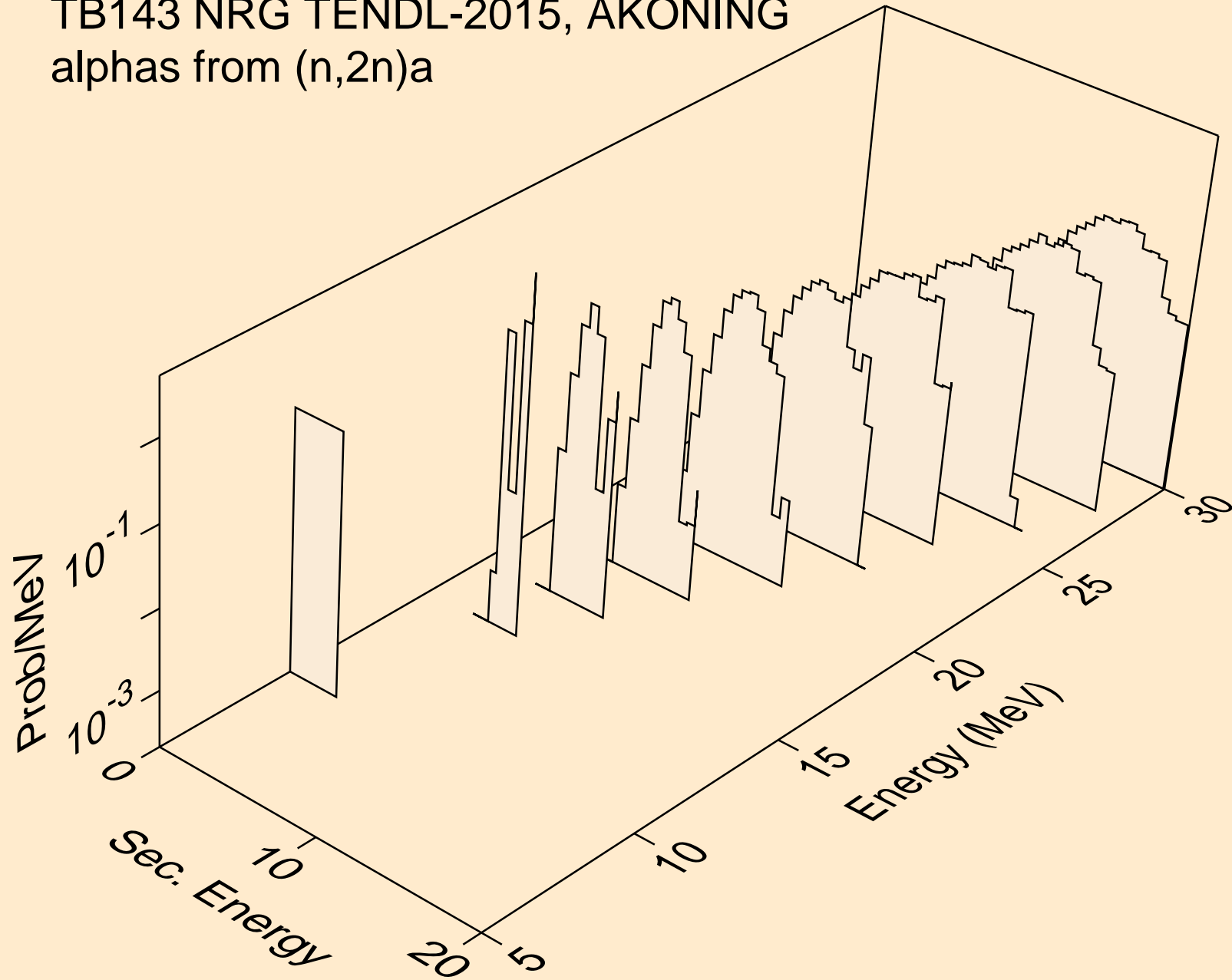
TB143 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



TB143 NRG TENDL-2015, AKONING  
alphas from (n,n\*)3a

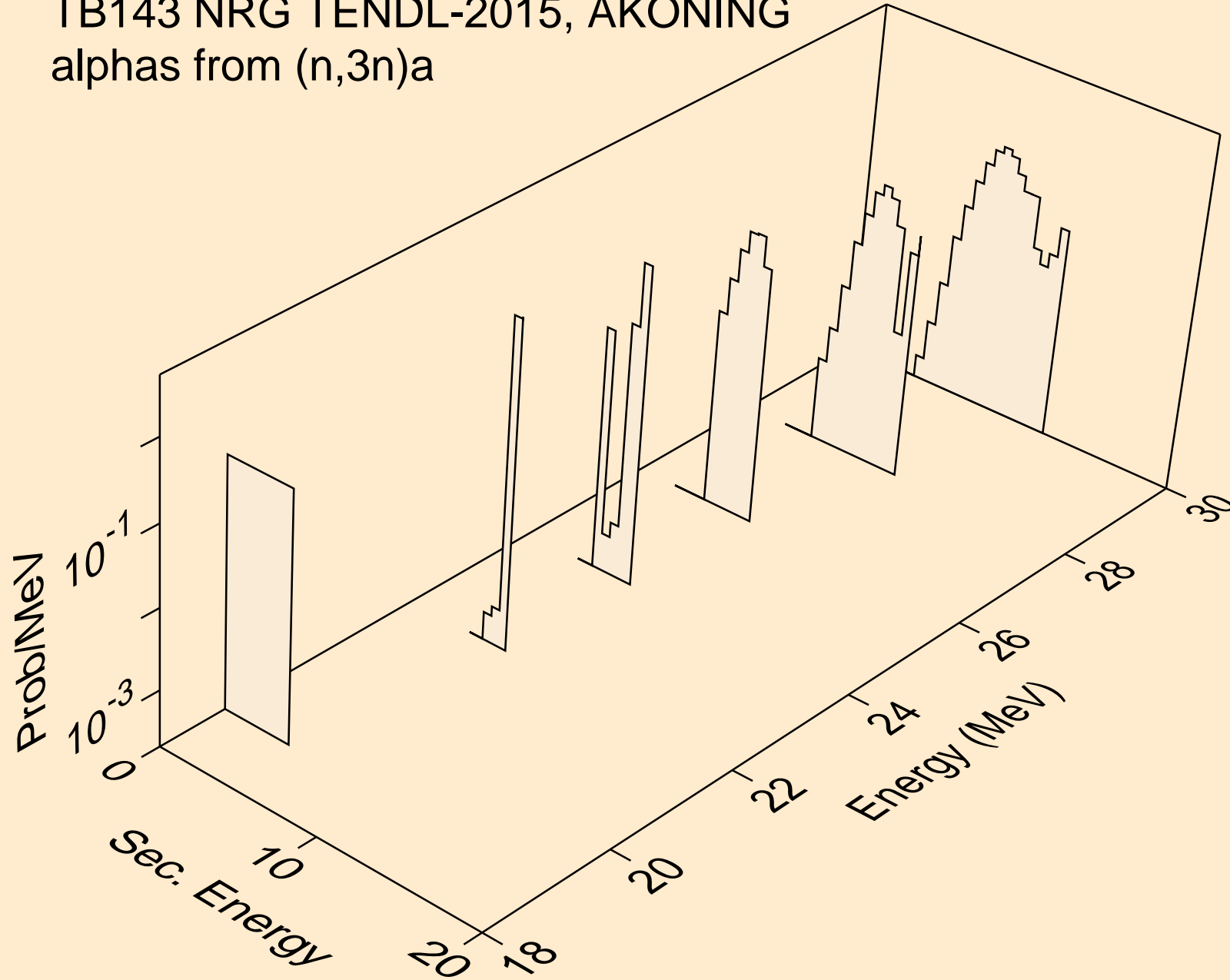


TB143 NRG TENDL-2015, AKONING  
alphas from (n,2n)a

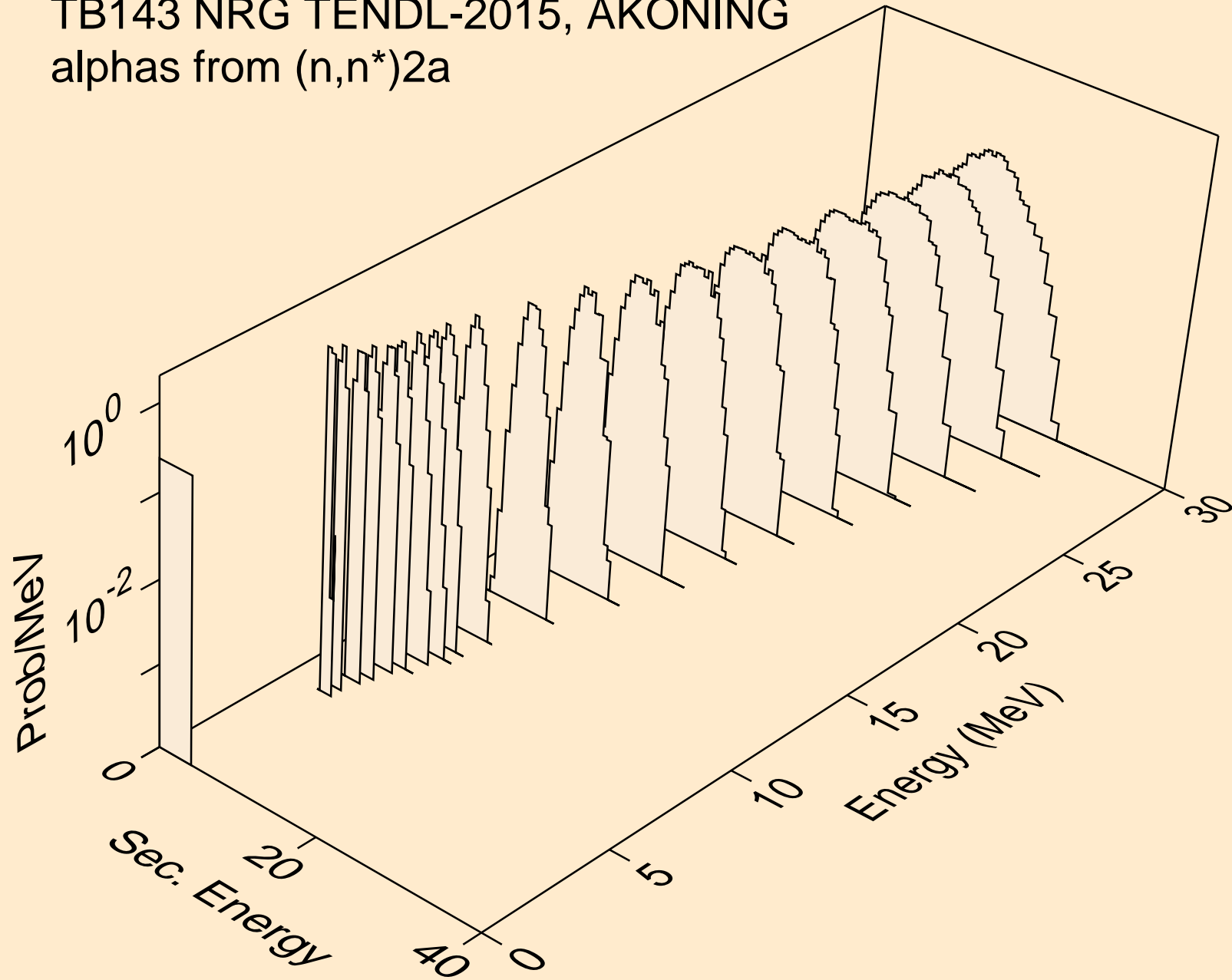




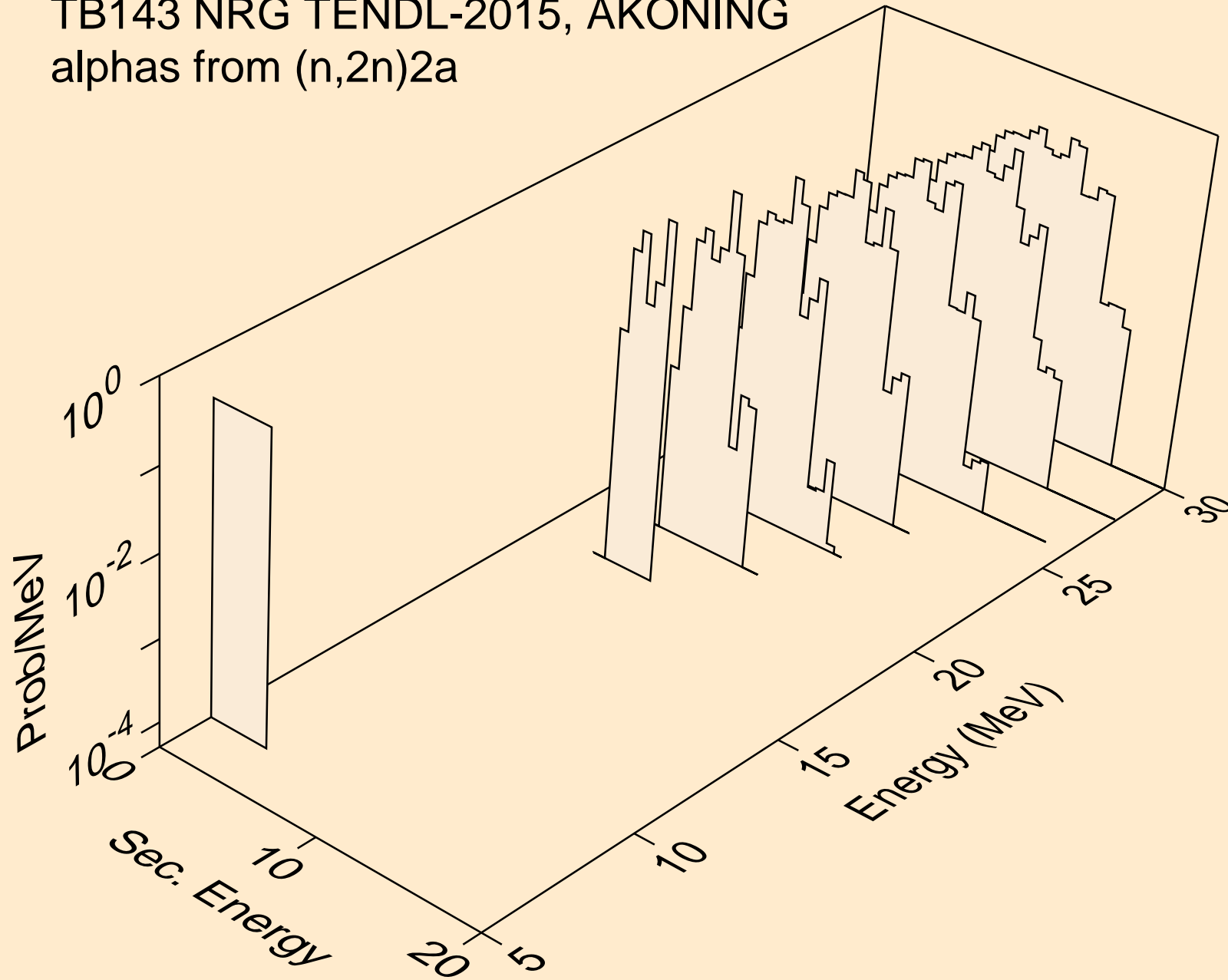
TB143 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



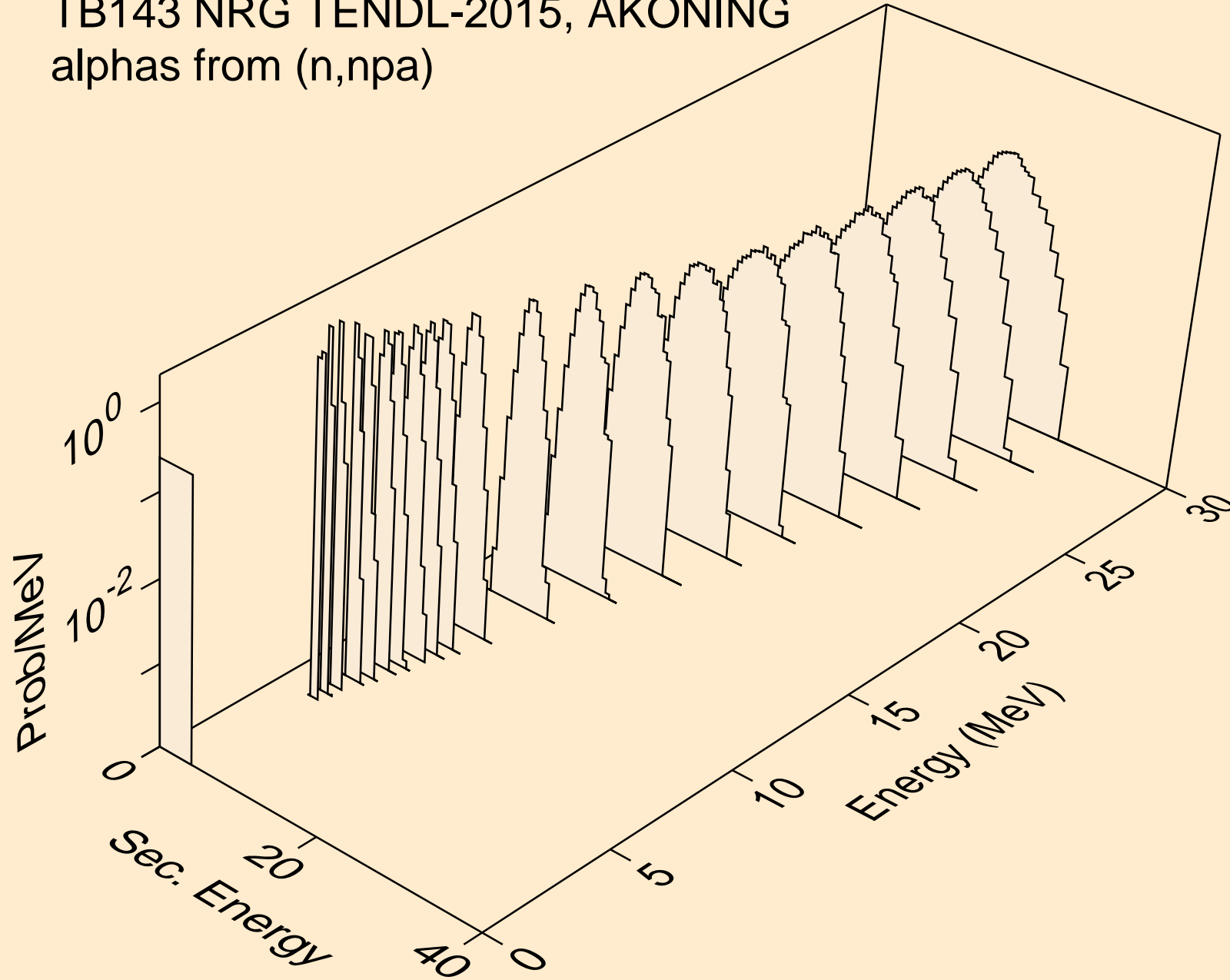
TB143 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



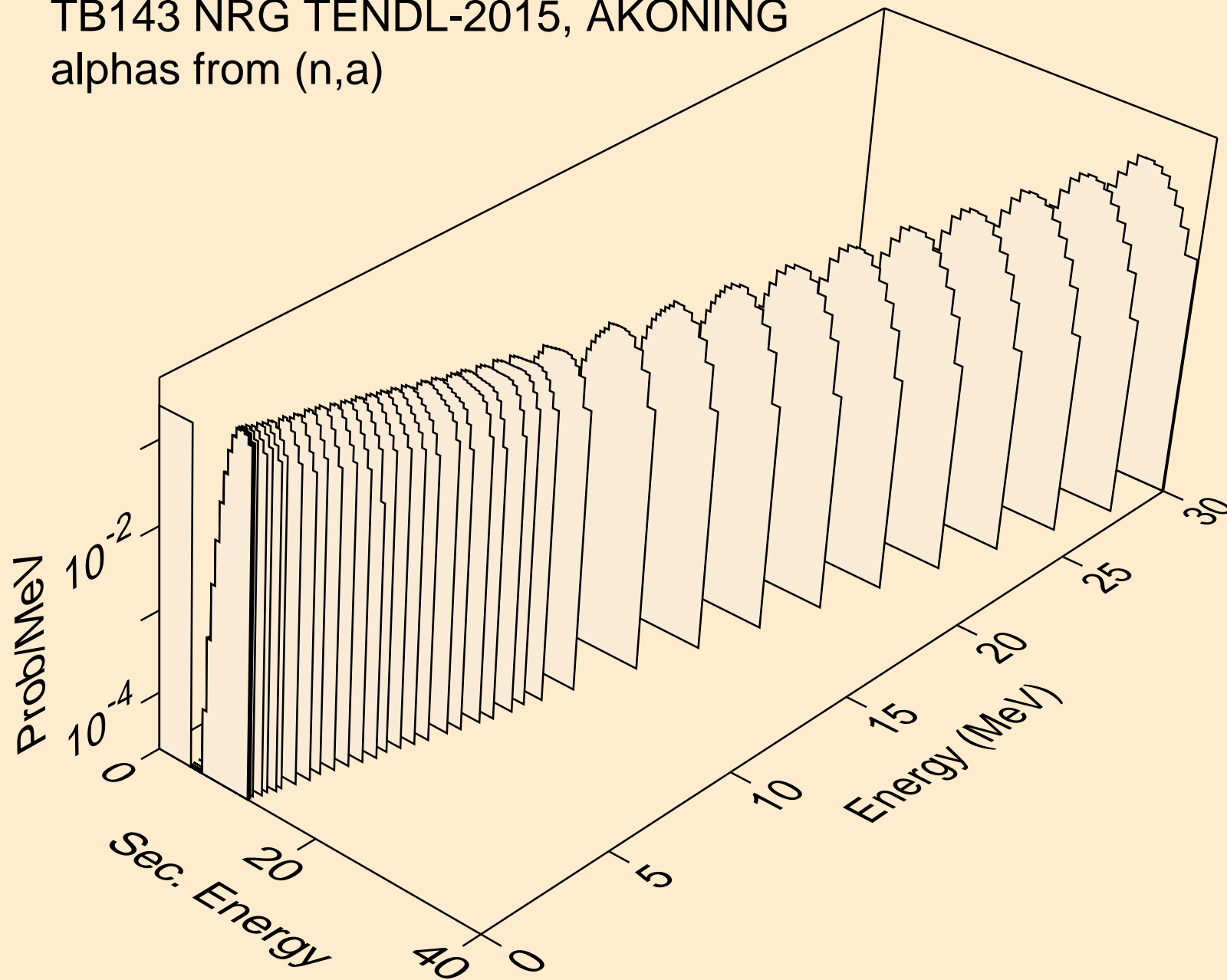
TB143 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



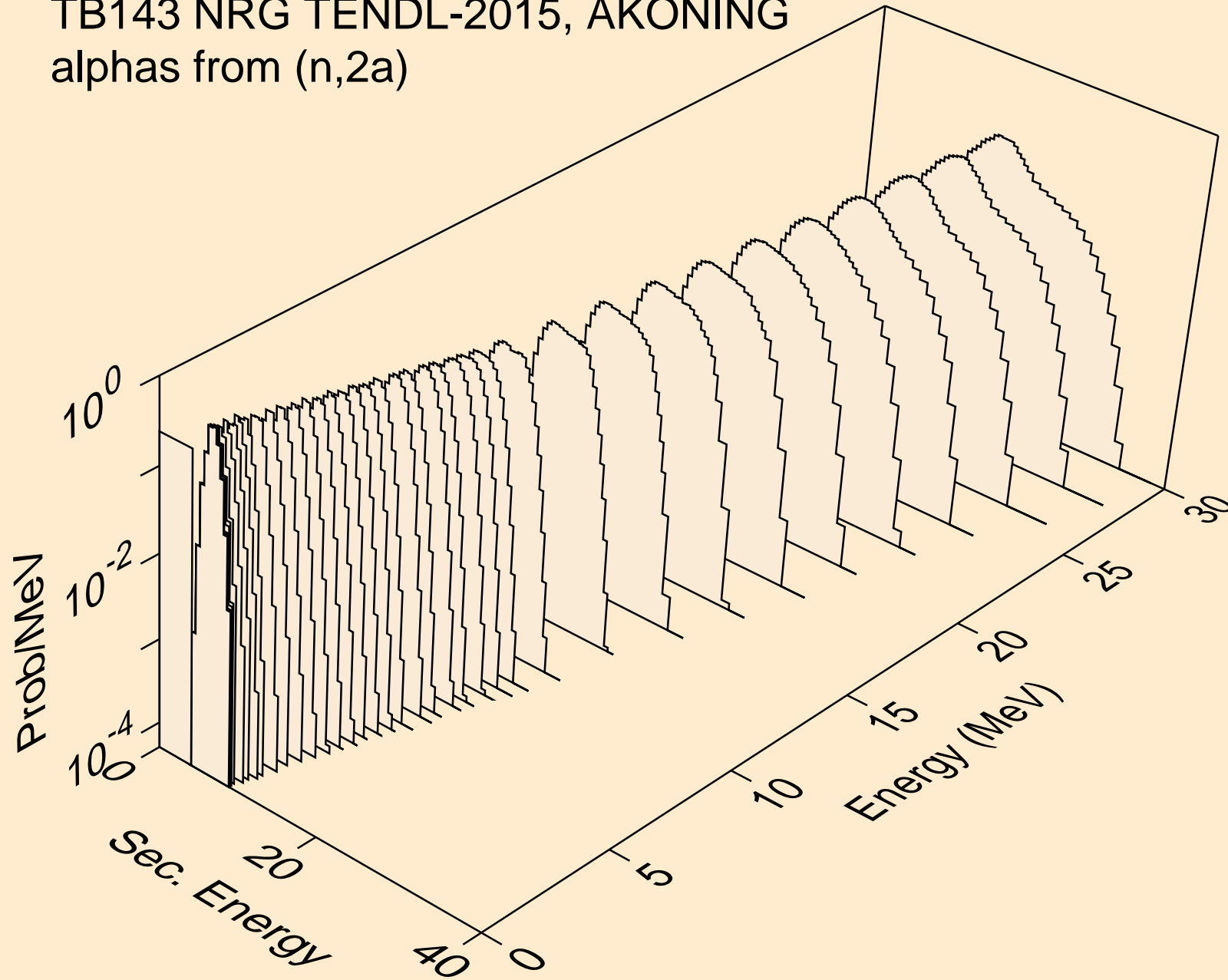
TB143 NRG TENDL-2015, AKONING  
alphas from (n,npa)



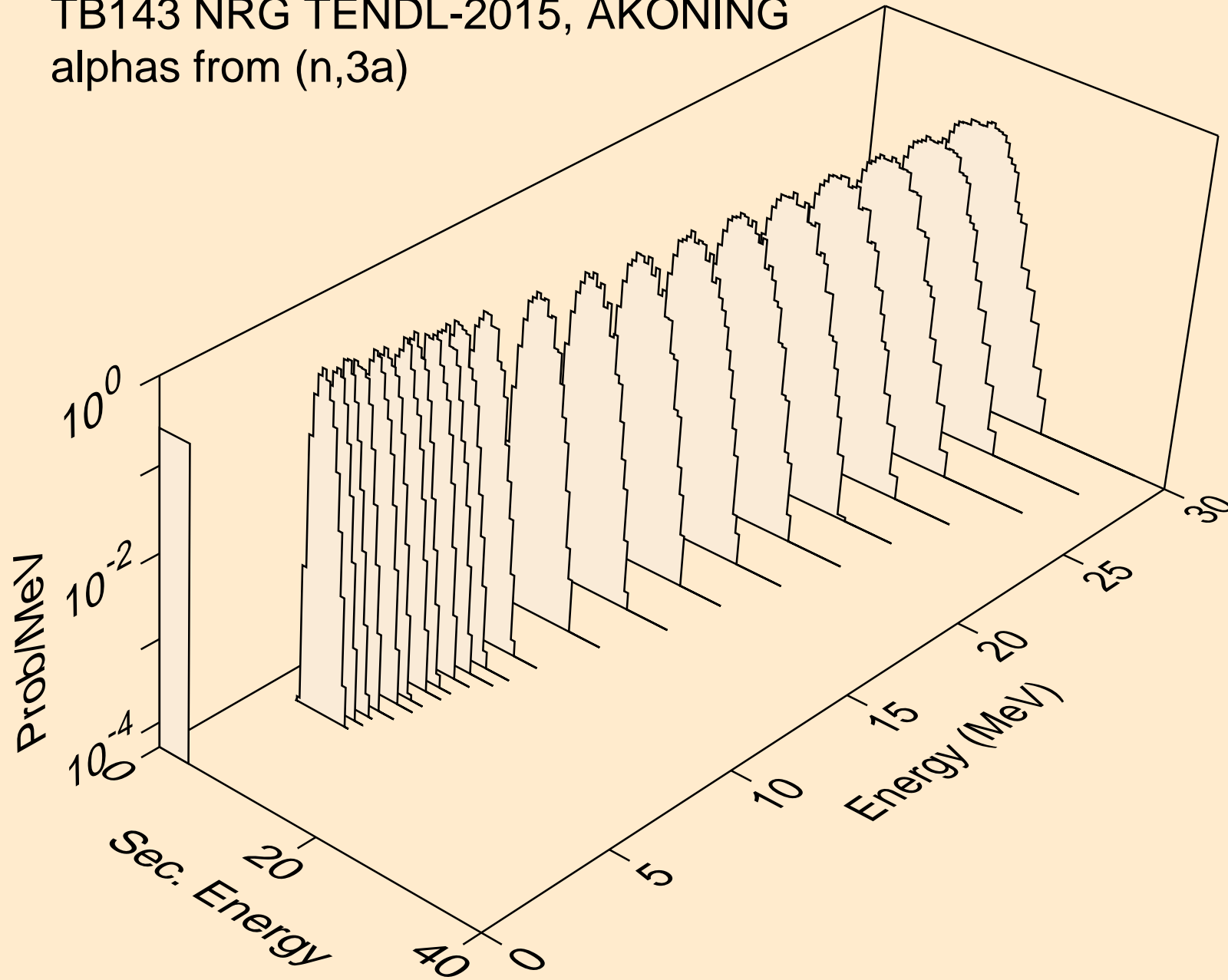
TB143 NRG TENDL-2015, AKONING  
alphas from (n,a)



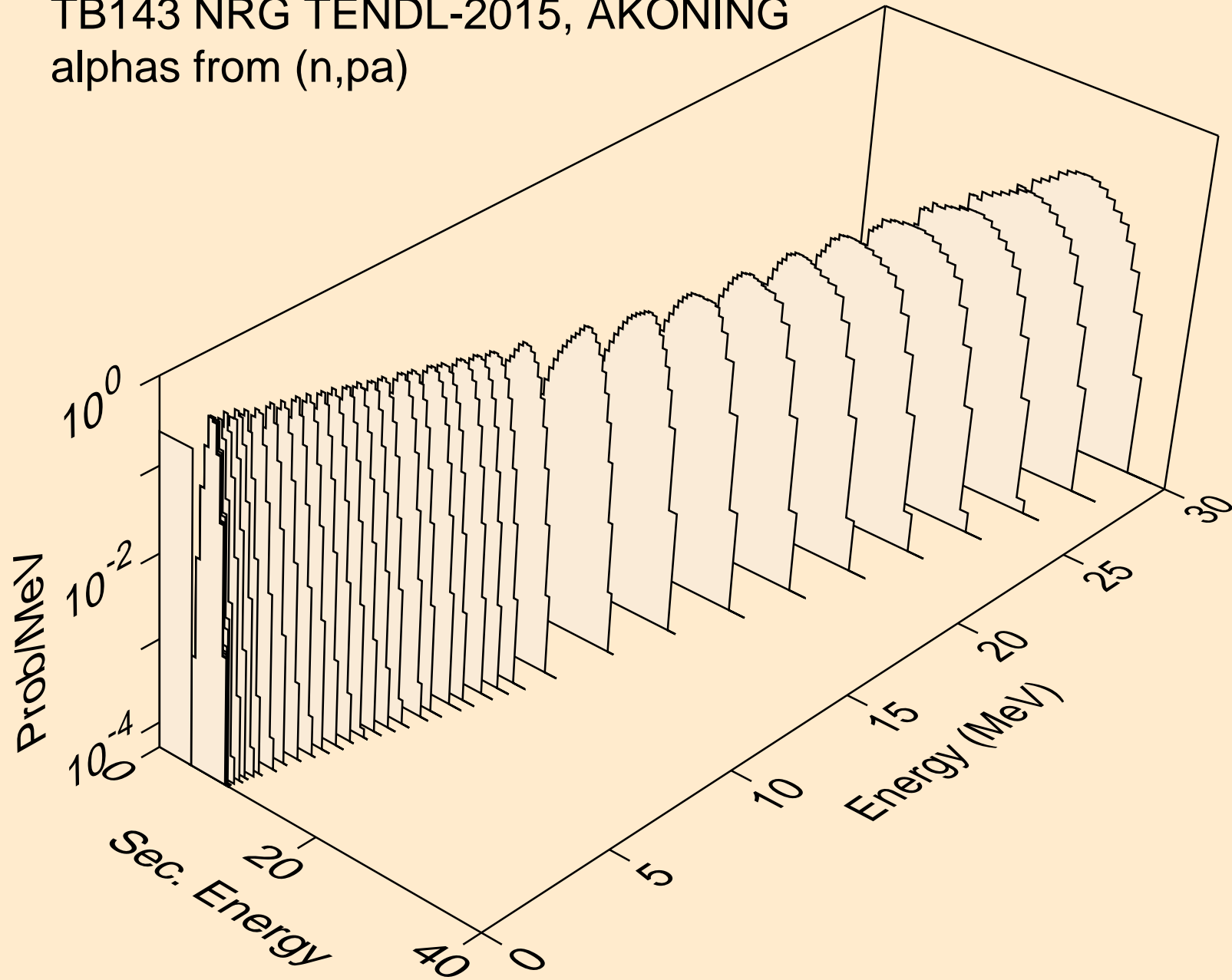
TB143 NRG TENDL-2015, AKONING  
alphas from (n,2a)



TB143 NRG TENDL-2015, AKONING  
alphas from (n,3a)

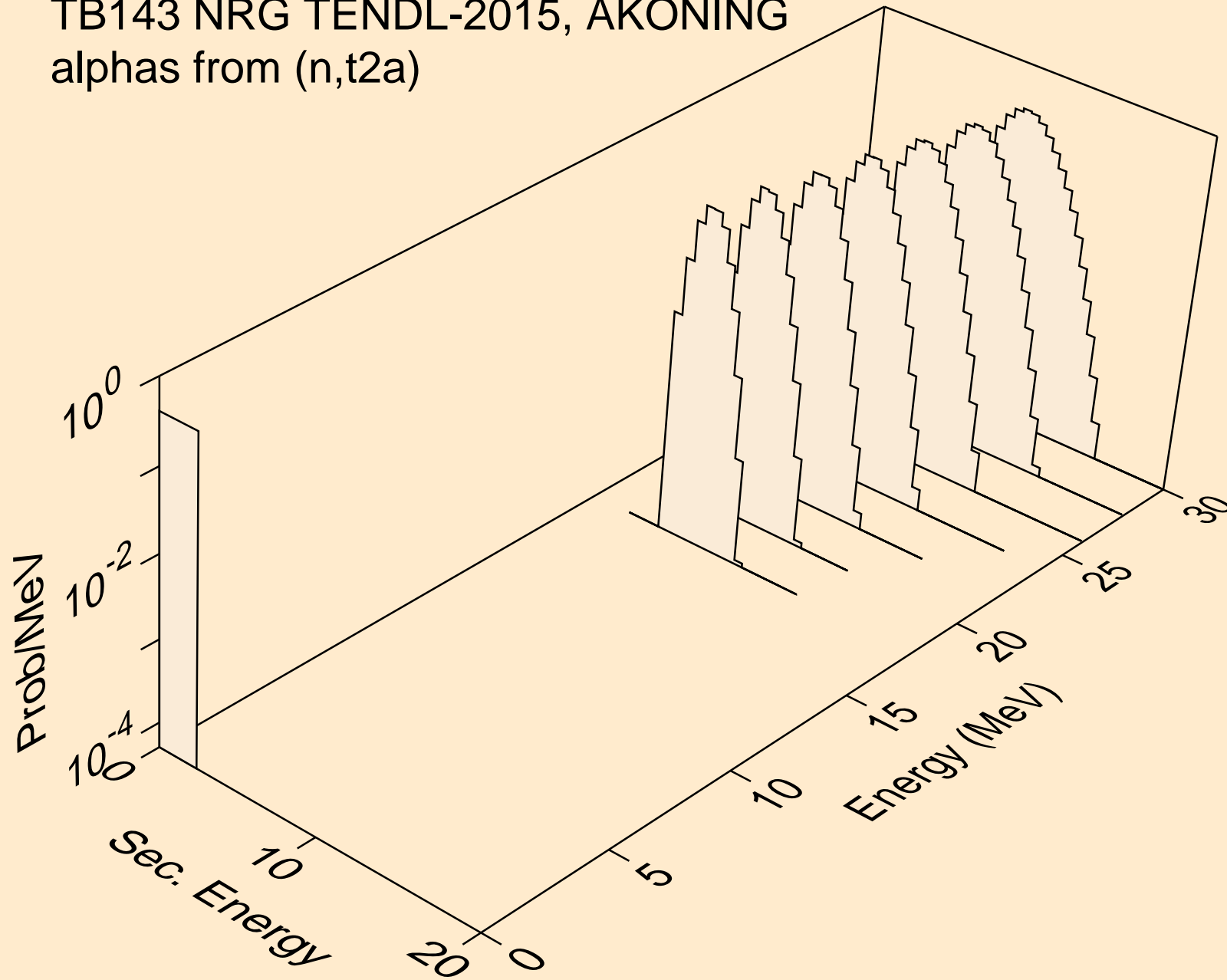


TB143 NRG TENDL-2015, AKONING  
alphas from (n,pa)

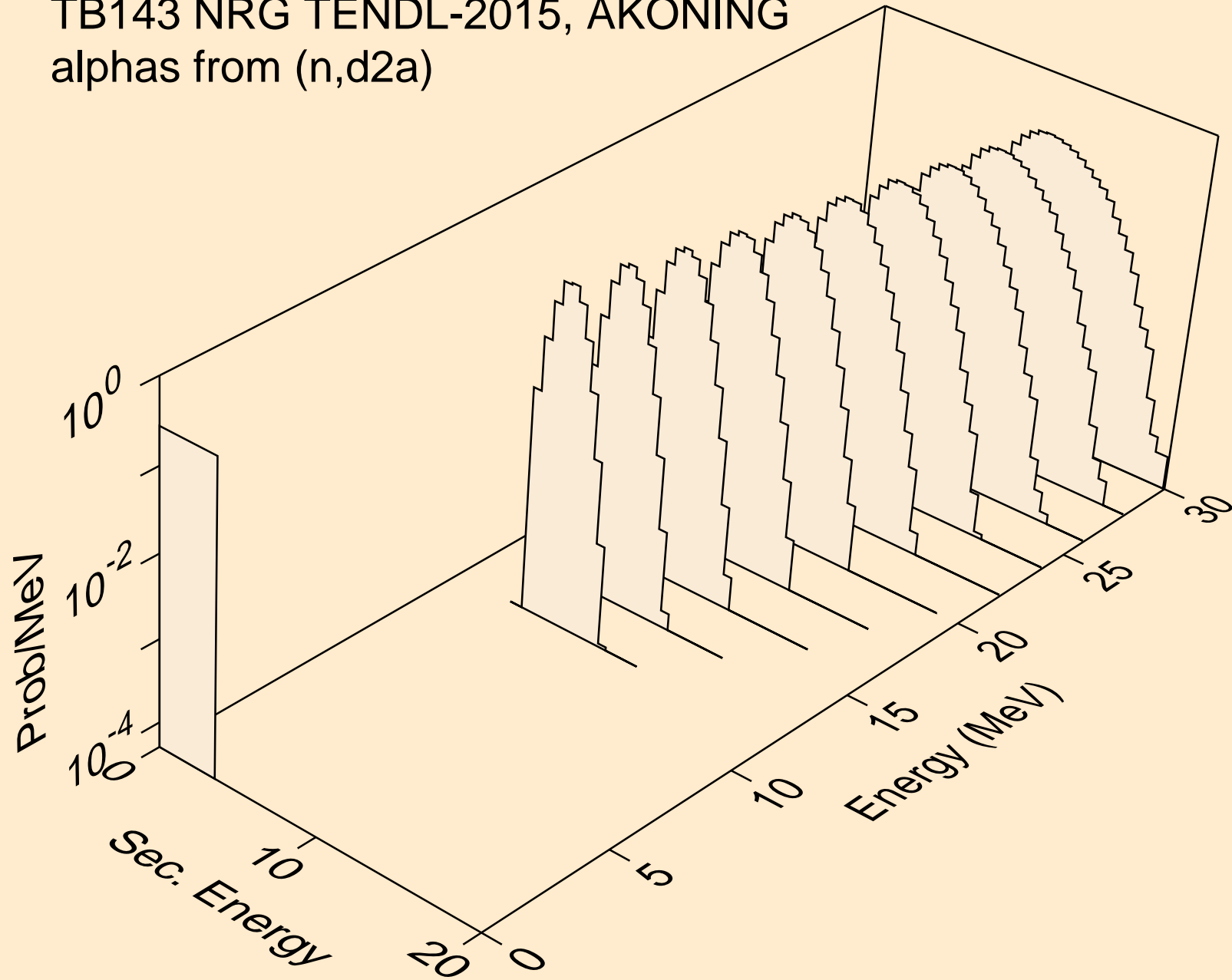




TB143 NRG TENDL-2015, AKONING  
alphas from (n,t2a)



TB143 NRG TENDL-2015, AKONING  
alphas from (n,d2a)



TB143 NRG TENDL-2015, AKONING  
alphas from (n,da)

