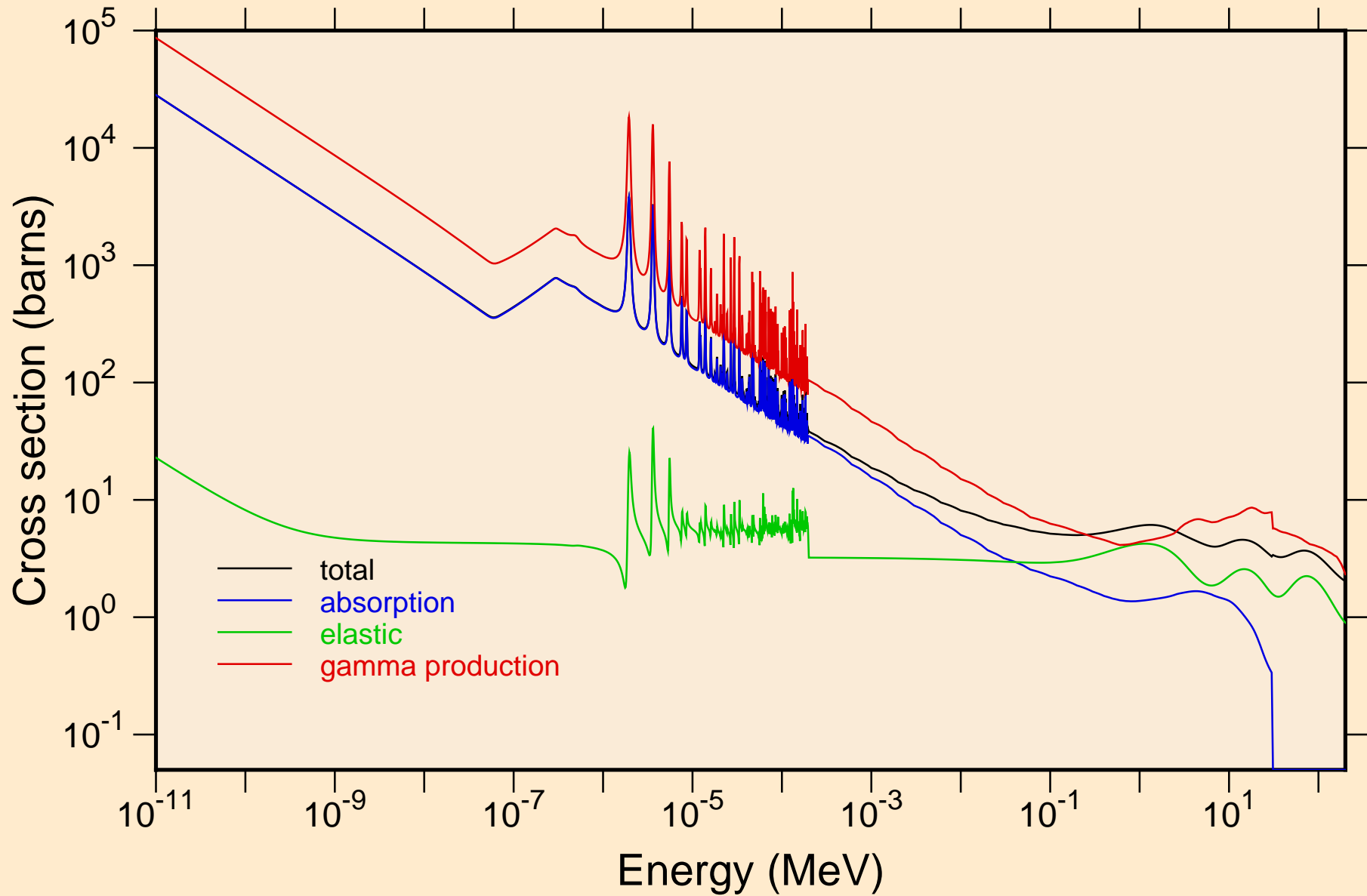
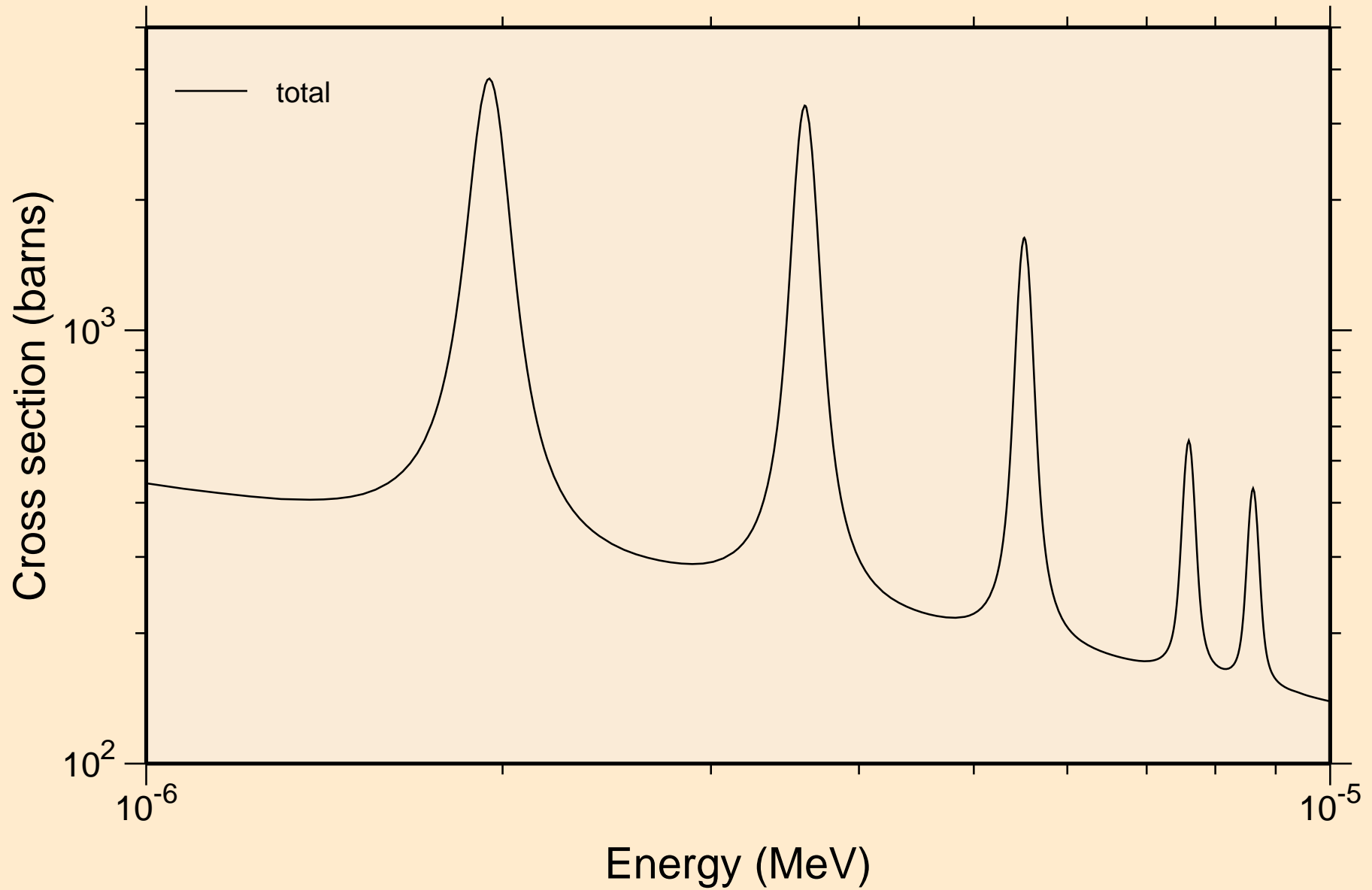


# BA121 NRG TENDL-2015, AKONING

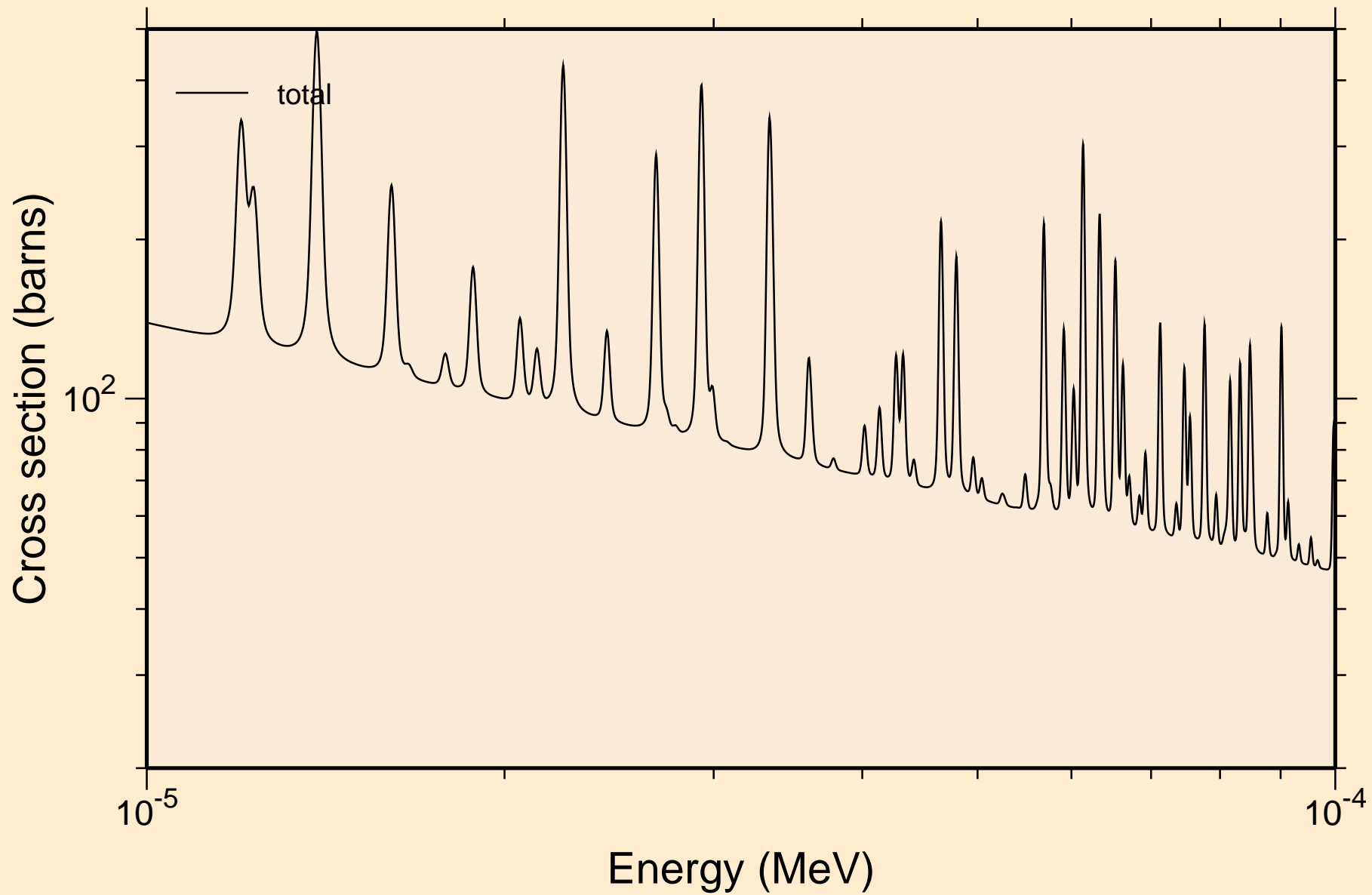
## Principal cross sections



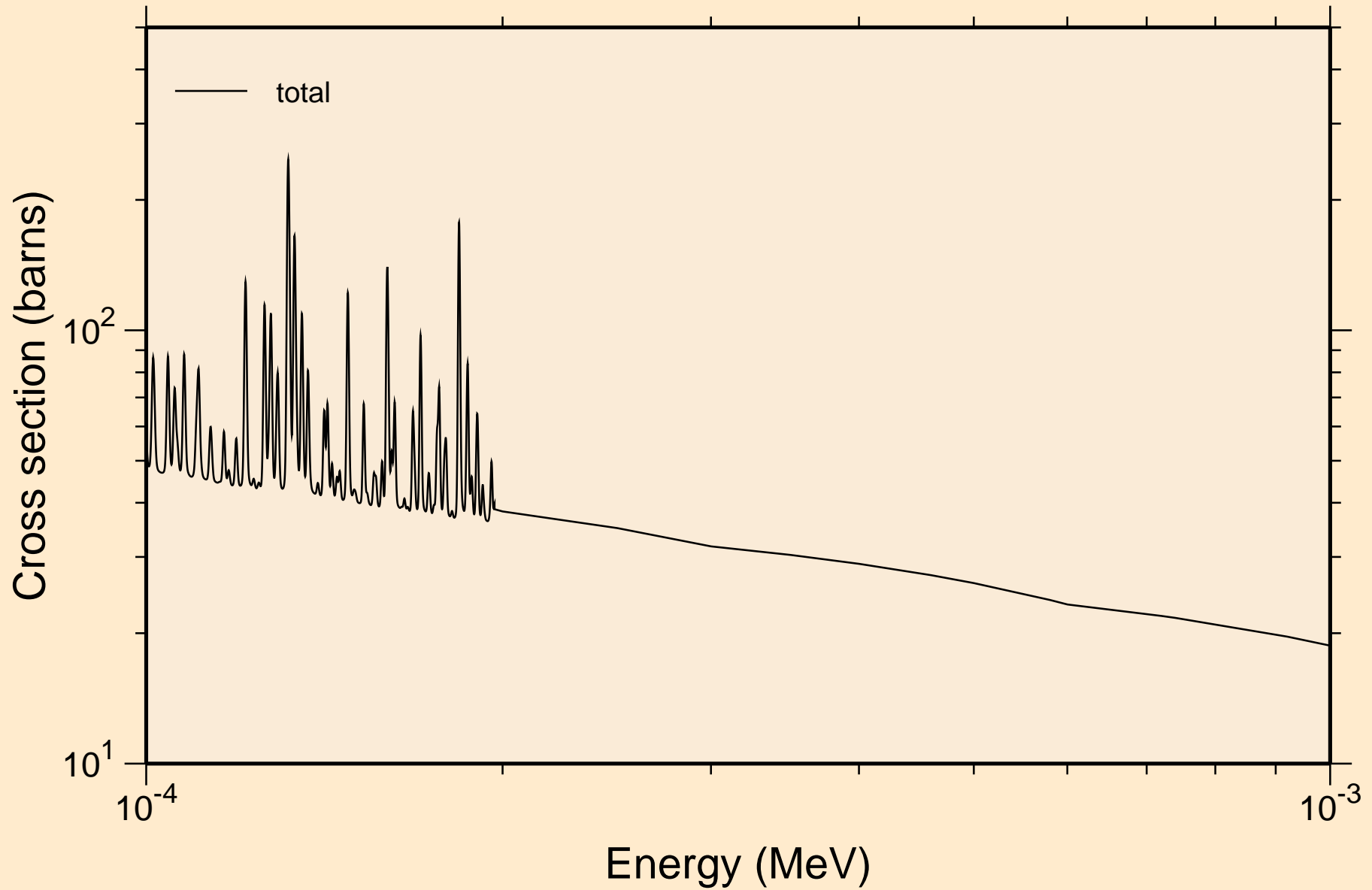
BA121 NRG TENDL-2015, AKONING  
resonance total cross section



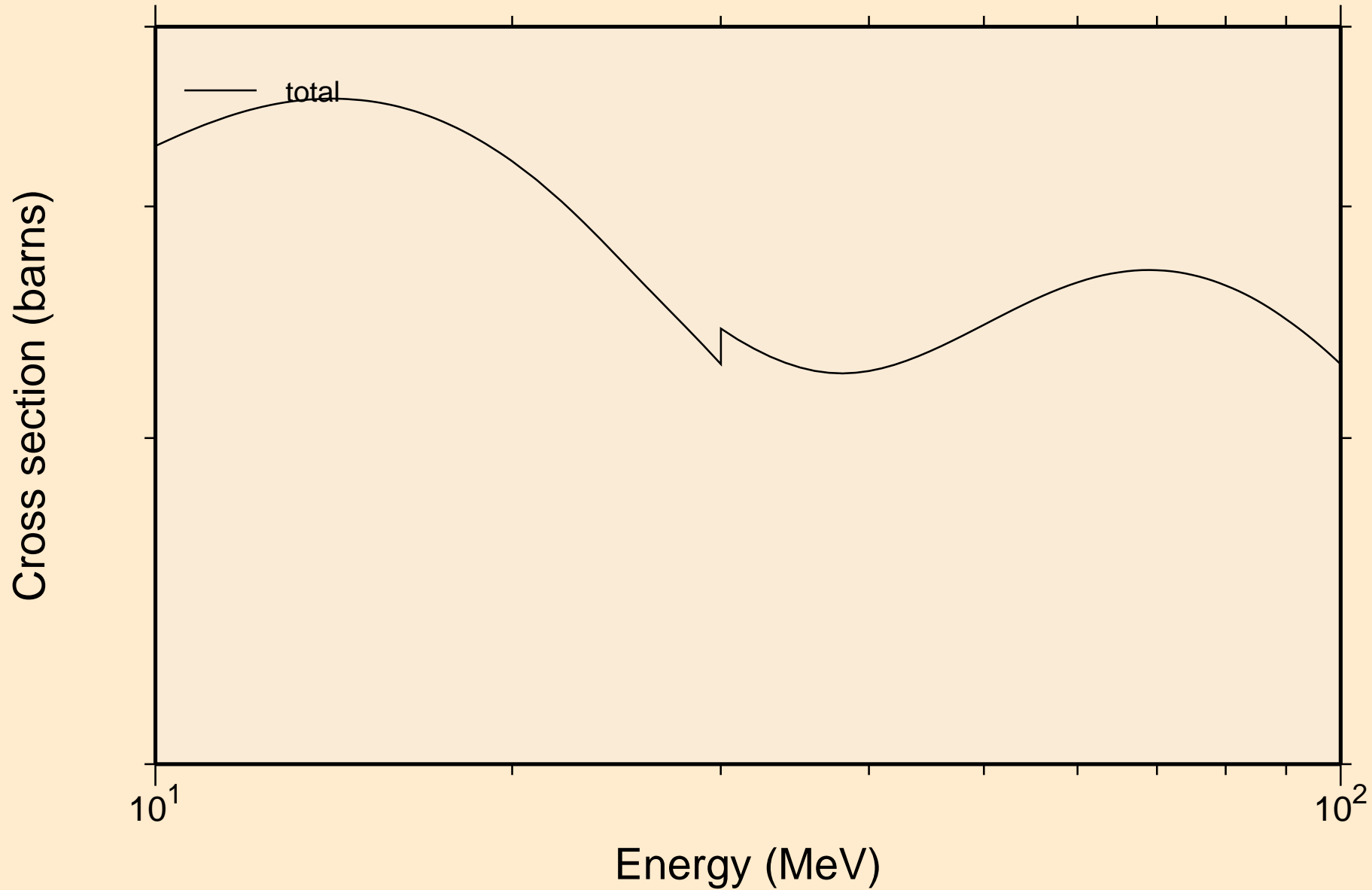
BA121 NRG TENDL-2015, AKONING  
resonance total cross section



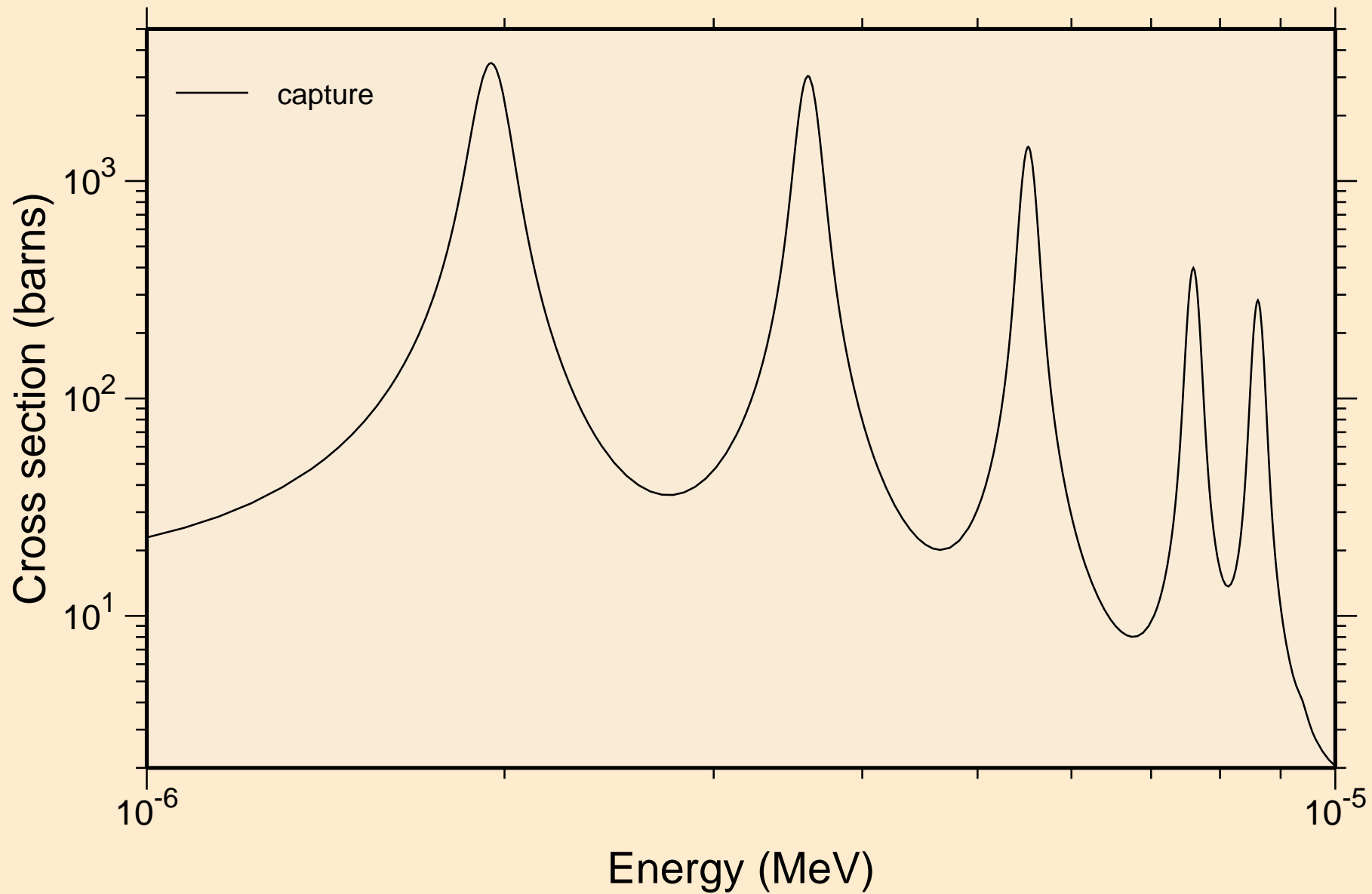
BA121 NRG TENDL-2015, AKONING  
resonance total cross section



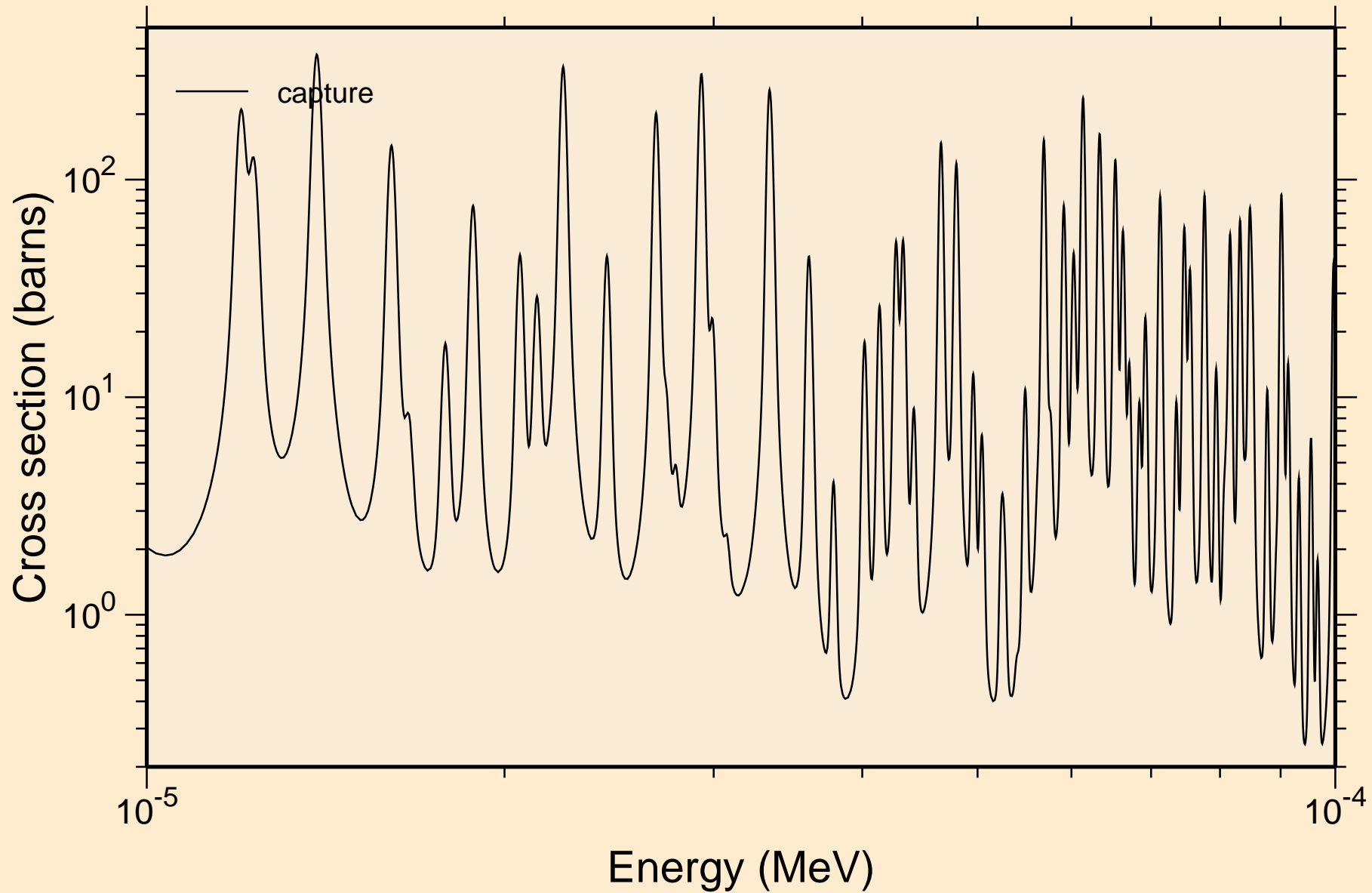
B̄A121 NRG TENDL-2015, AKONING  
resonance total cross section



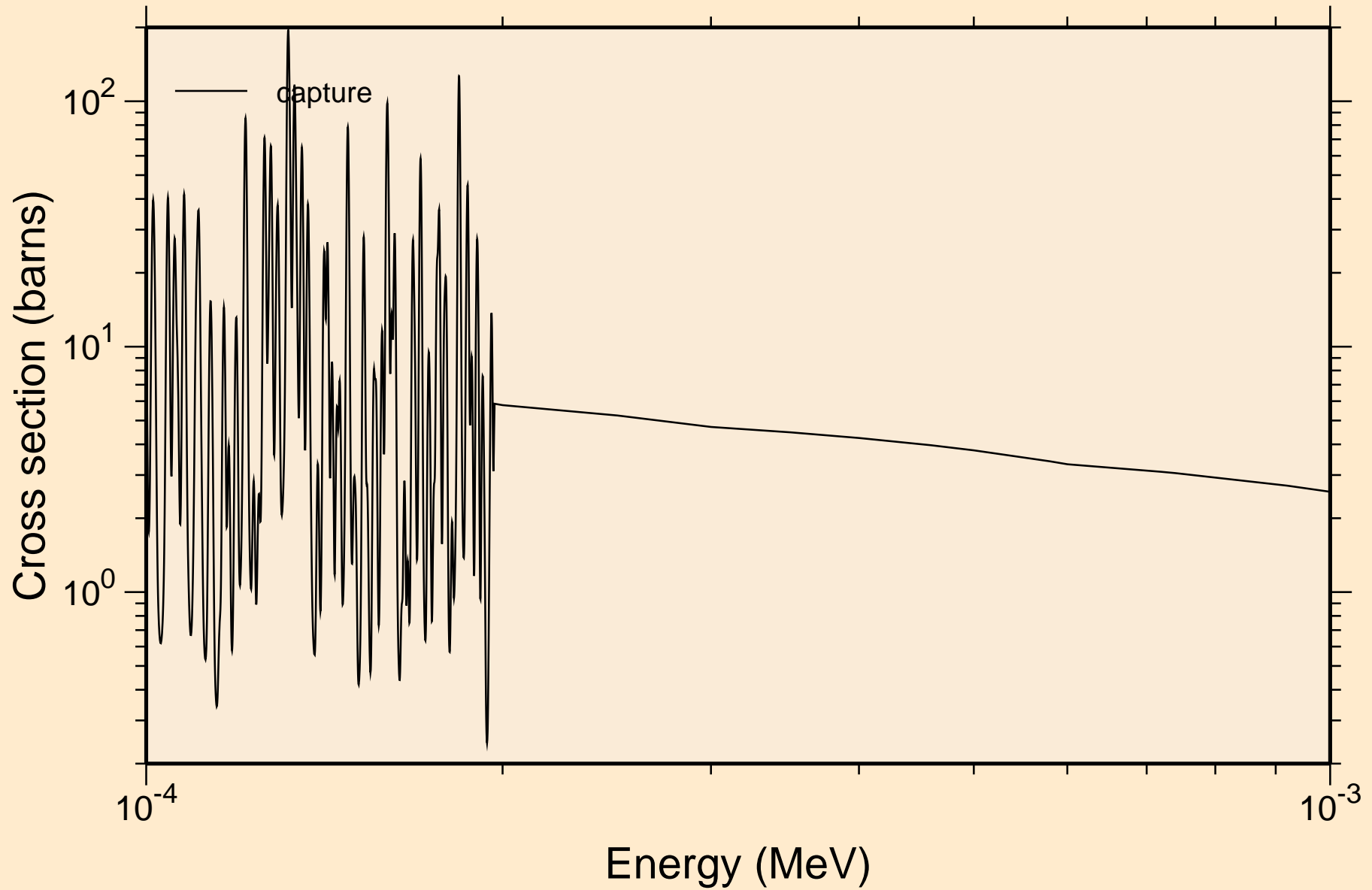
BA121 NRG TENDL-2015, AKONING  
resonance absorption cross sections



BA121 NRG TENDL-2015, AKONING  
resonance absorption cross sections

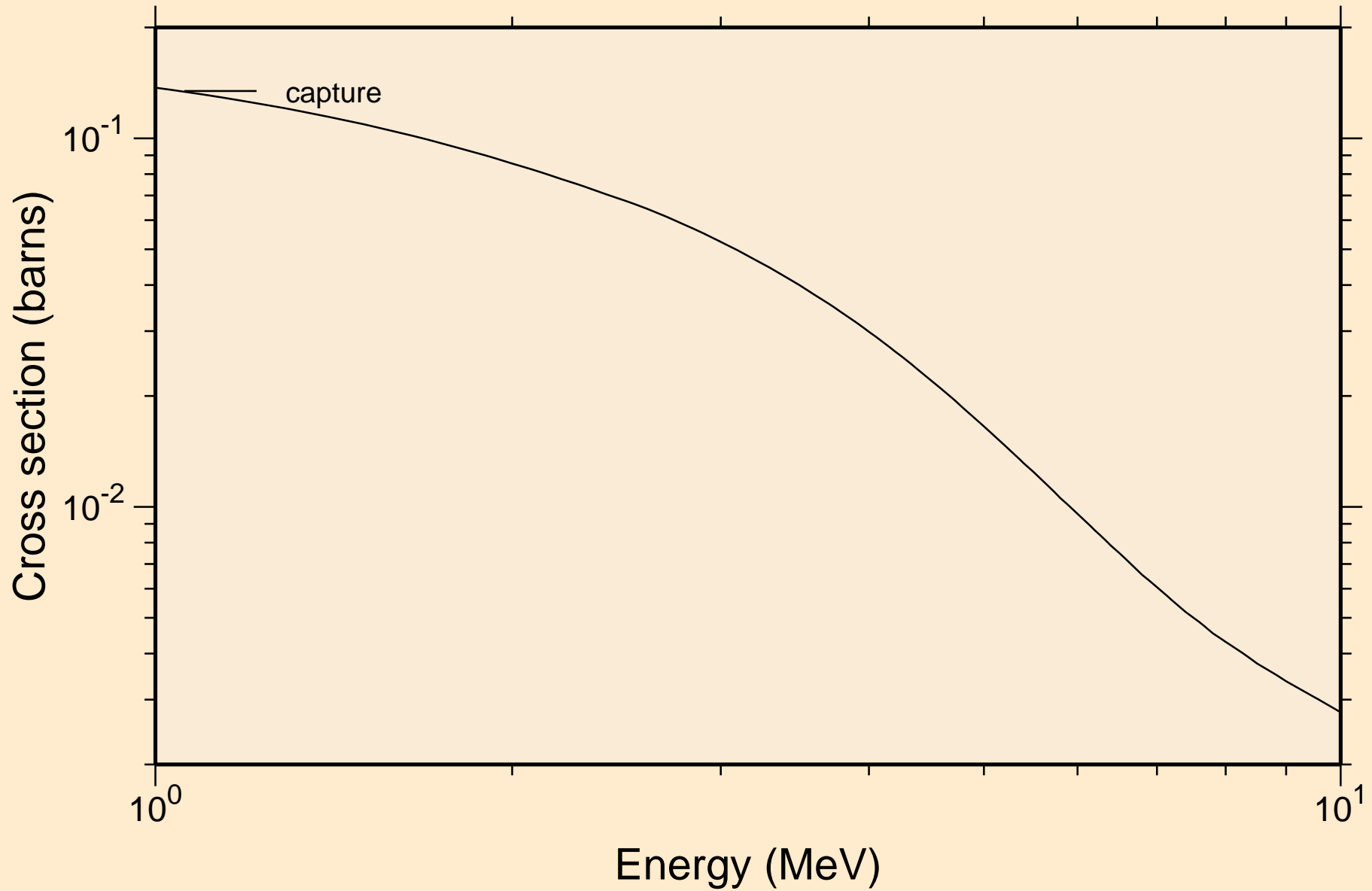


BA121 NRG TENDL-2015, AKONING  
resonance absorption cross sections



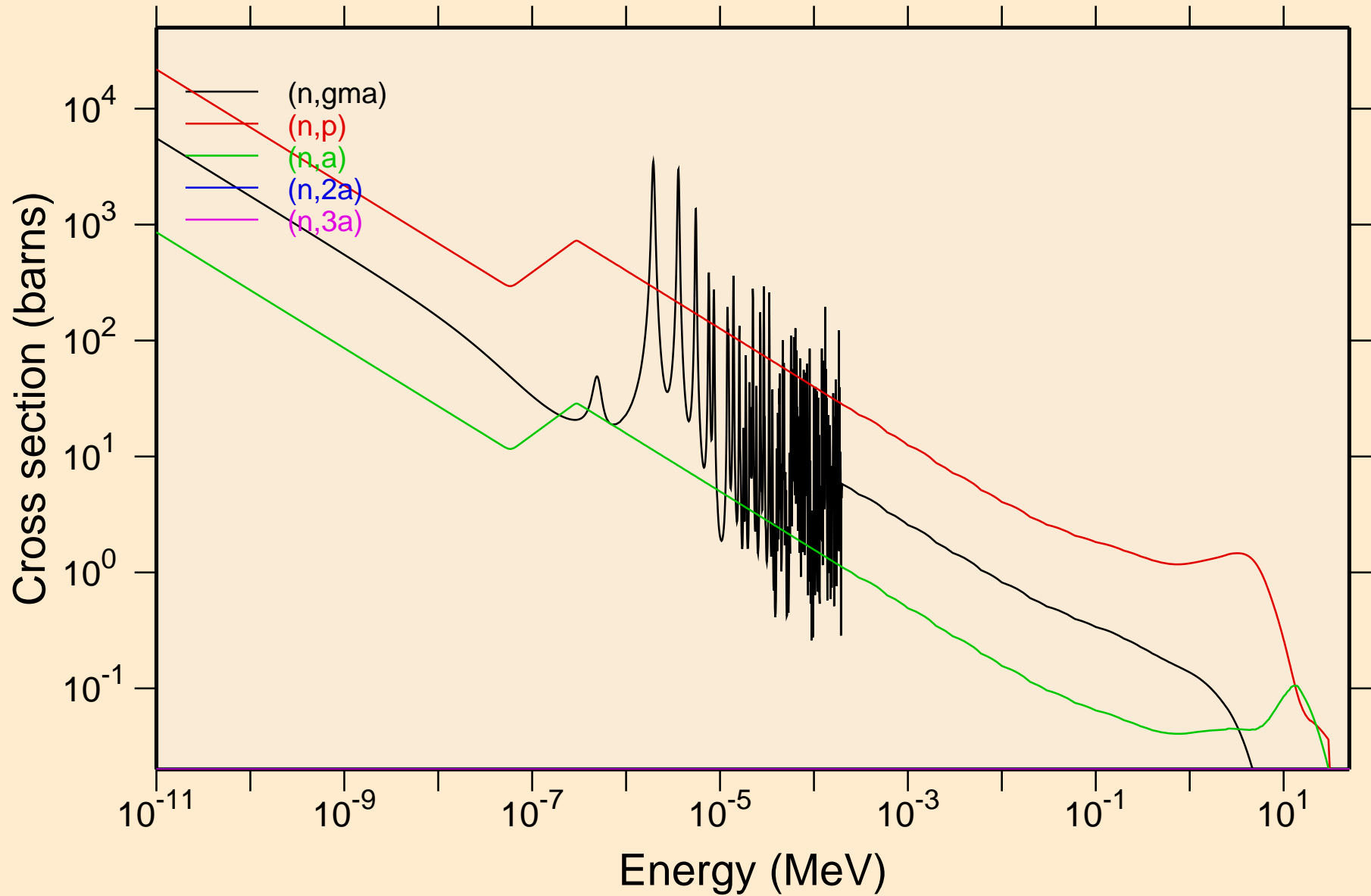


BA121 NRG TENDL-2015, AKONING  
resonance absorption cross sections

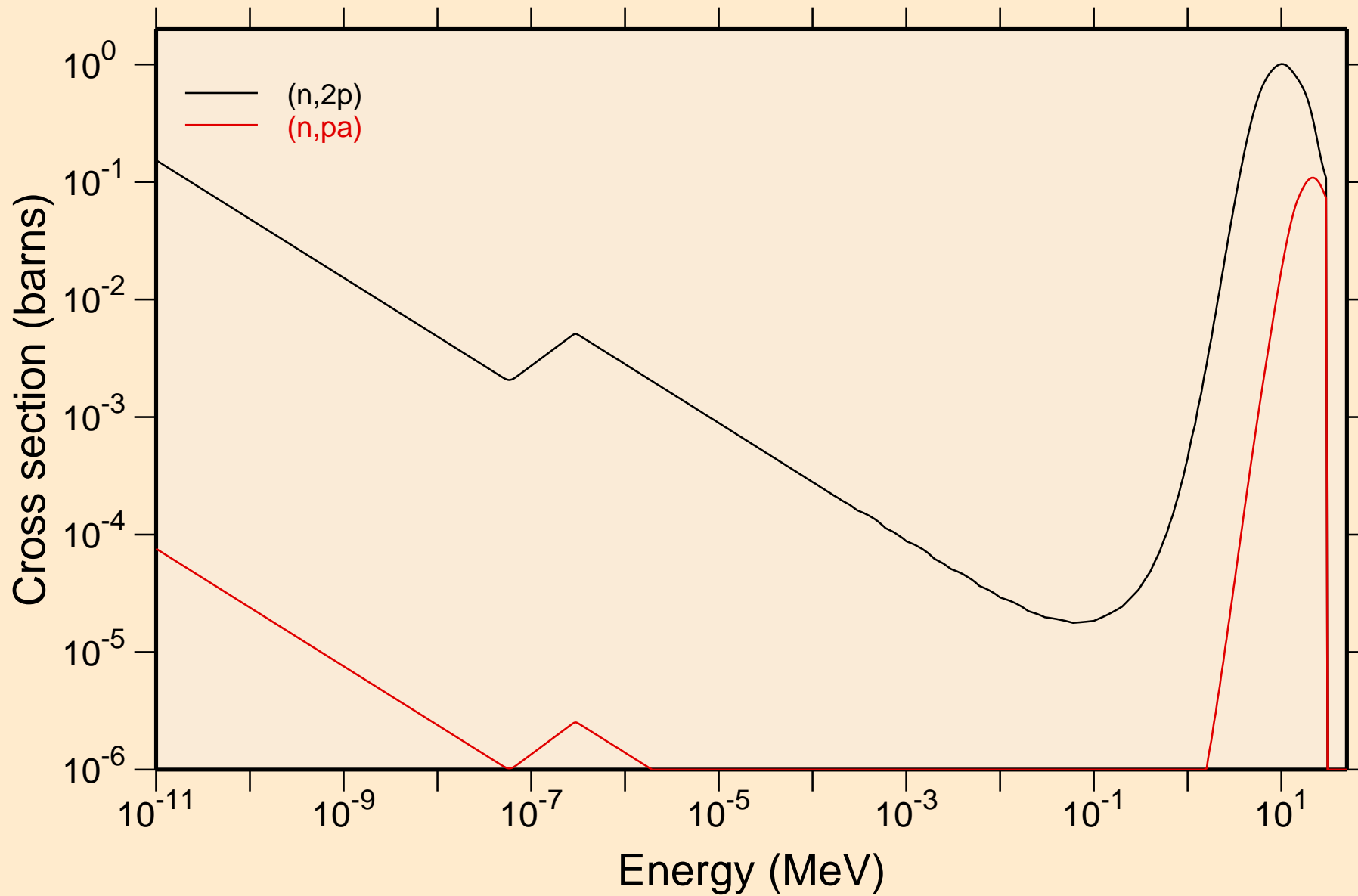


# BA121 NRG TENDL-2015, AKONING

## Non-threshold reactions

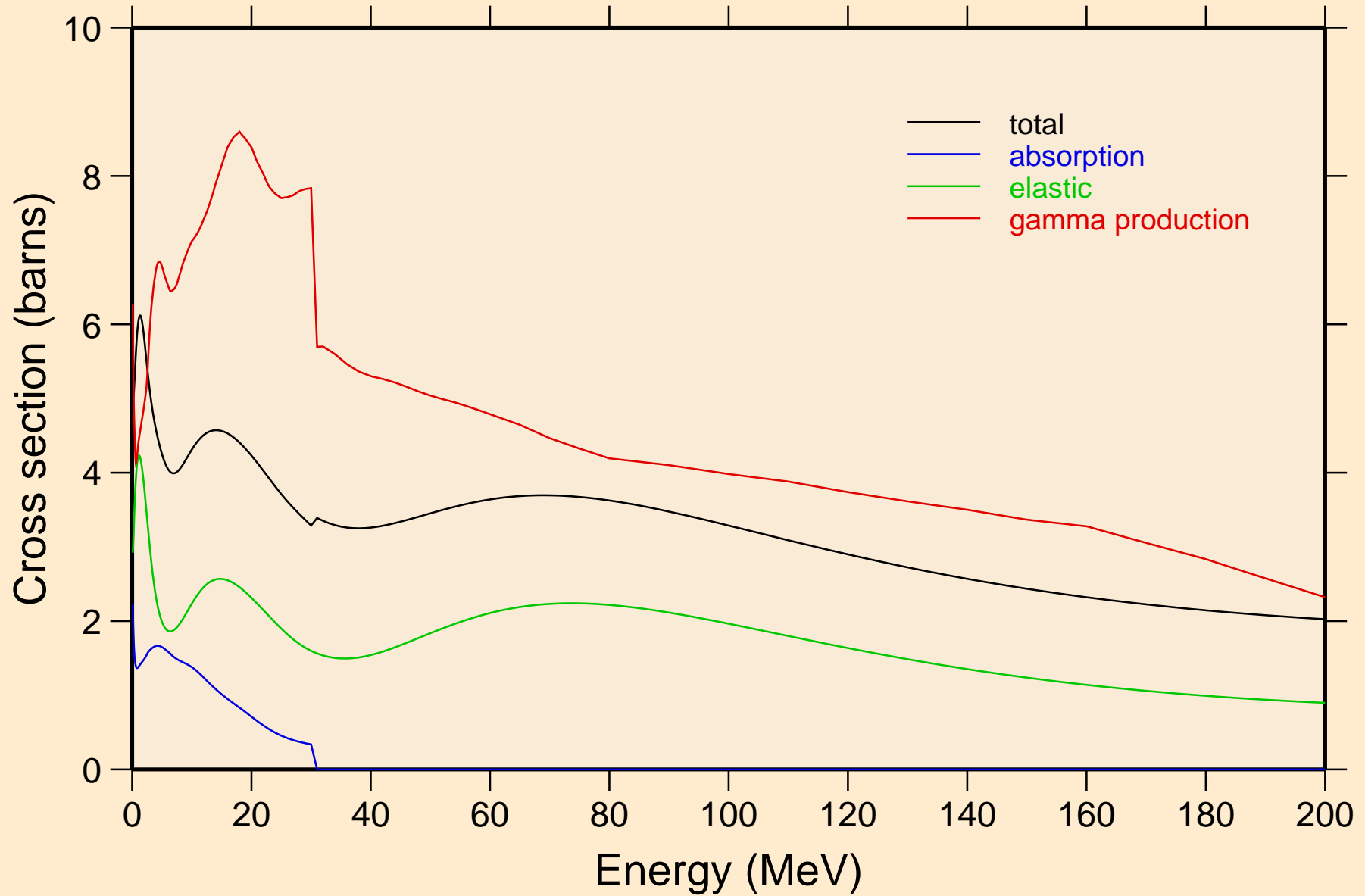


BA121 NRG TENDL-2015, AKONING  
Non-threshold reactions



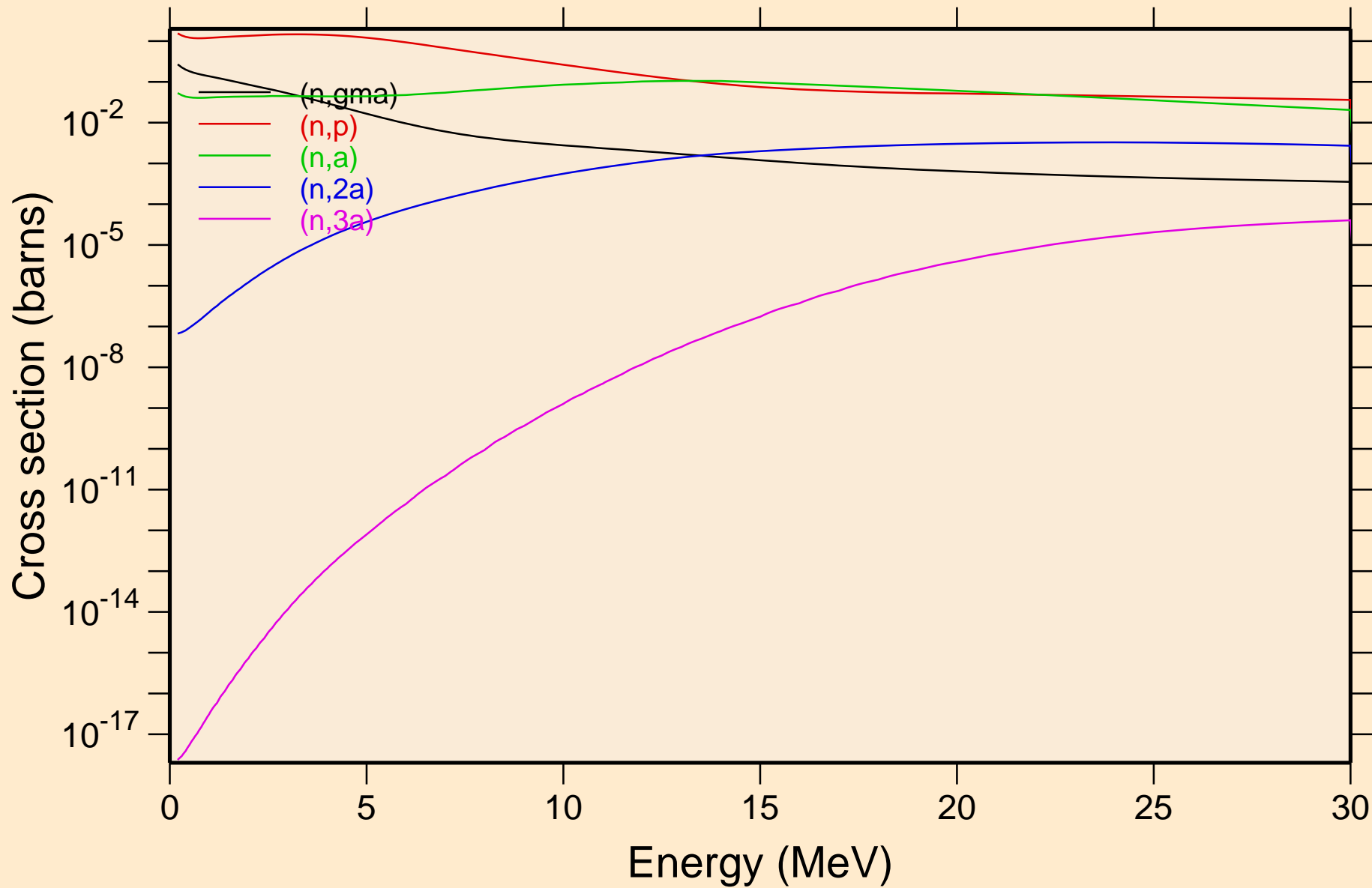
# BA121 NRG TENDL-2015, AKONING

## Principal cross sections

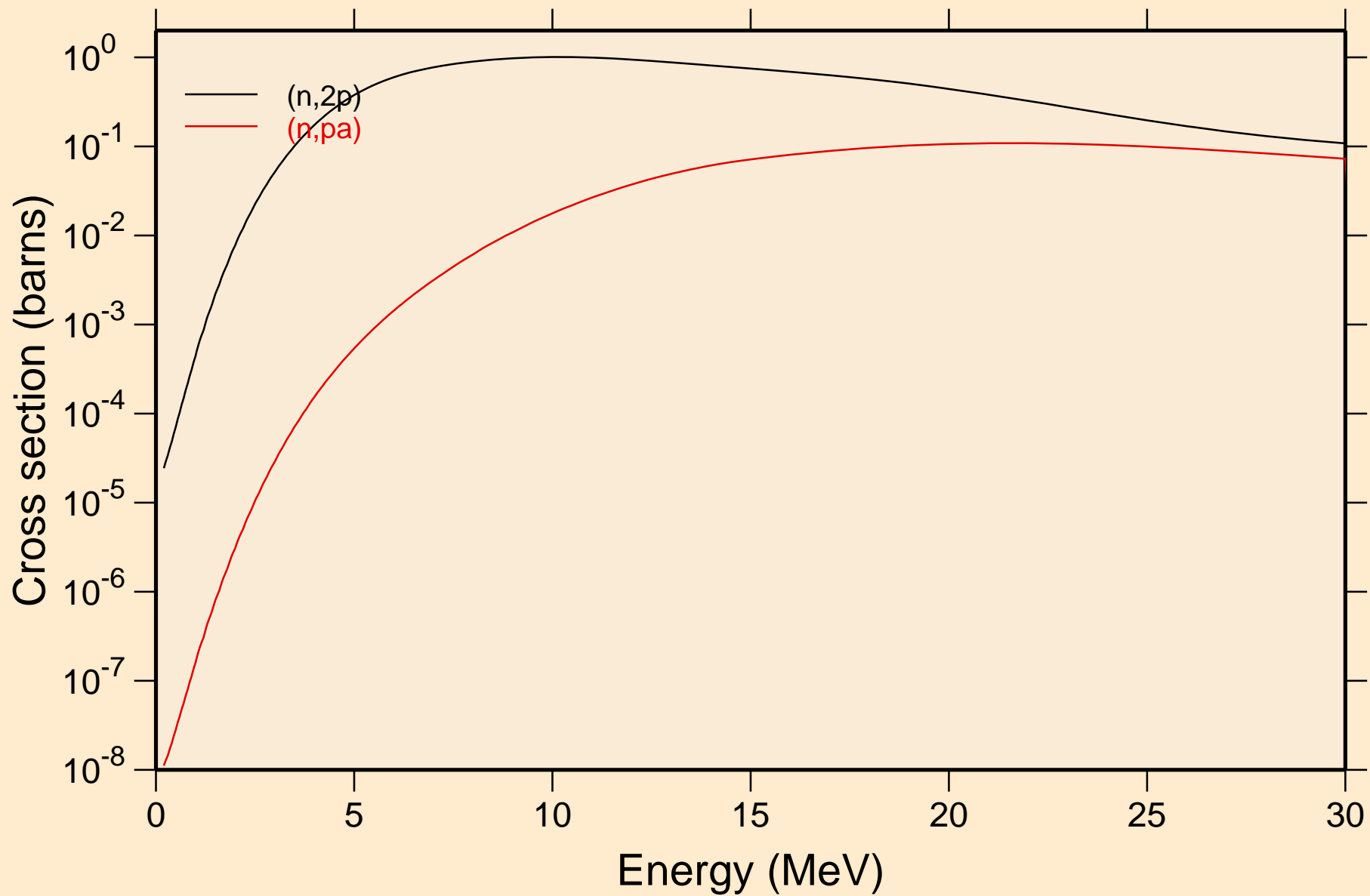


# BA121 NRG TENDL-2015, AKONING

## Non-threshold reactions

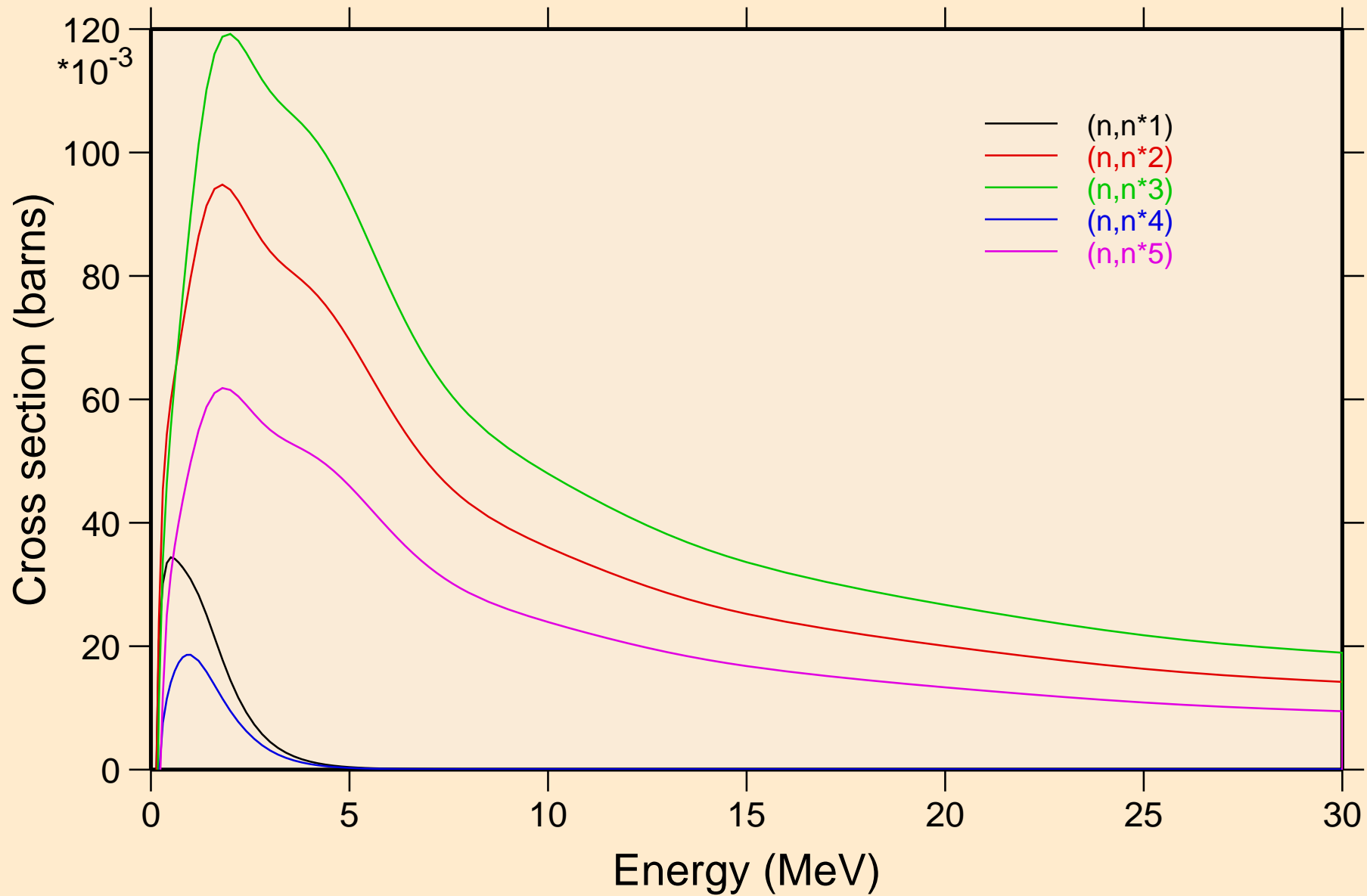


BA121 NRG TENDL-2015, AKONING  
Non-threshold reactions



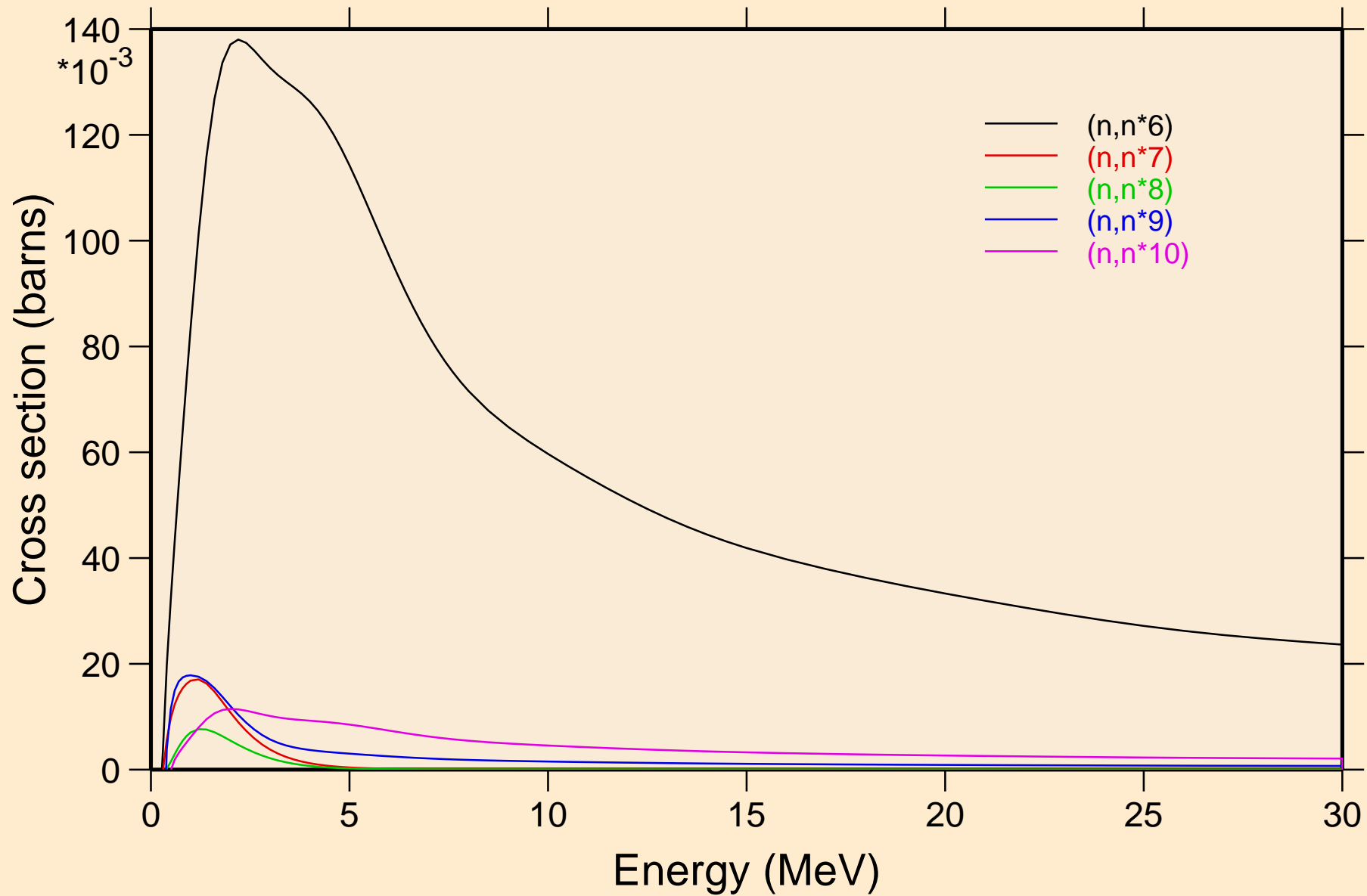
# BA121 NRG TENDL-2015, AKONING

## Inelastic levels



# BA121 NRG TENDL-2015, AKONING

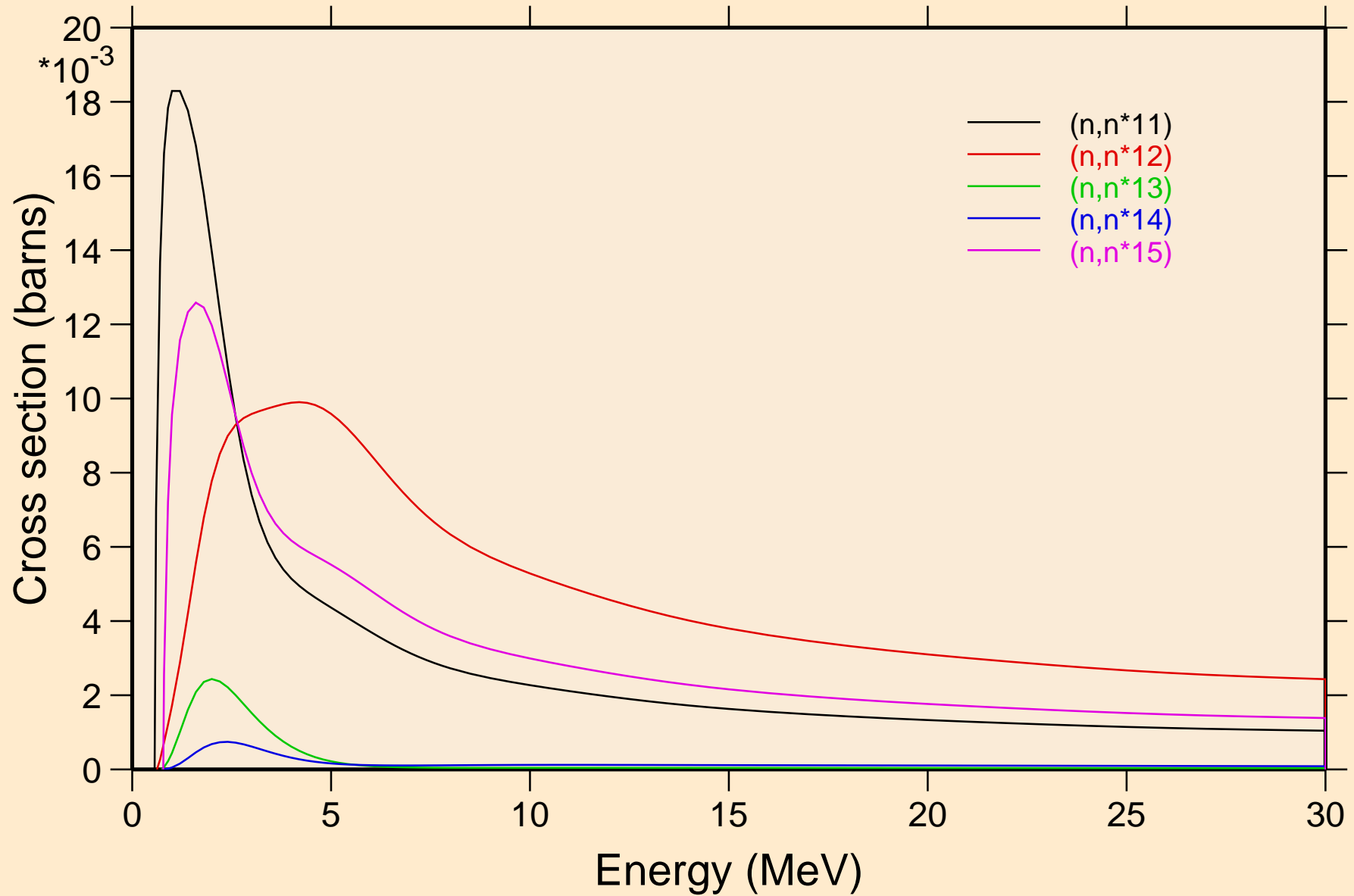
## Inelastic levels





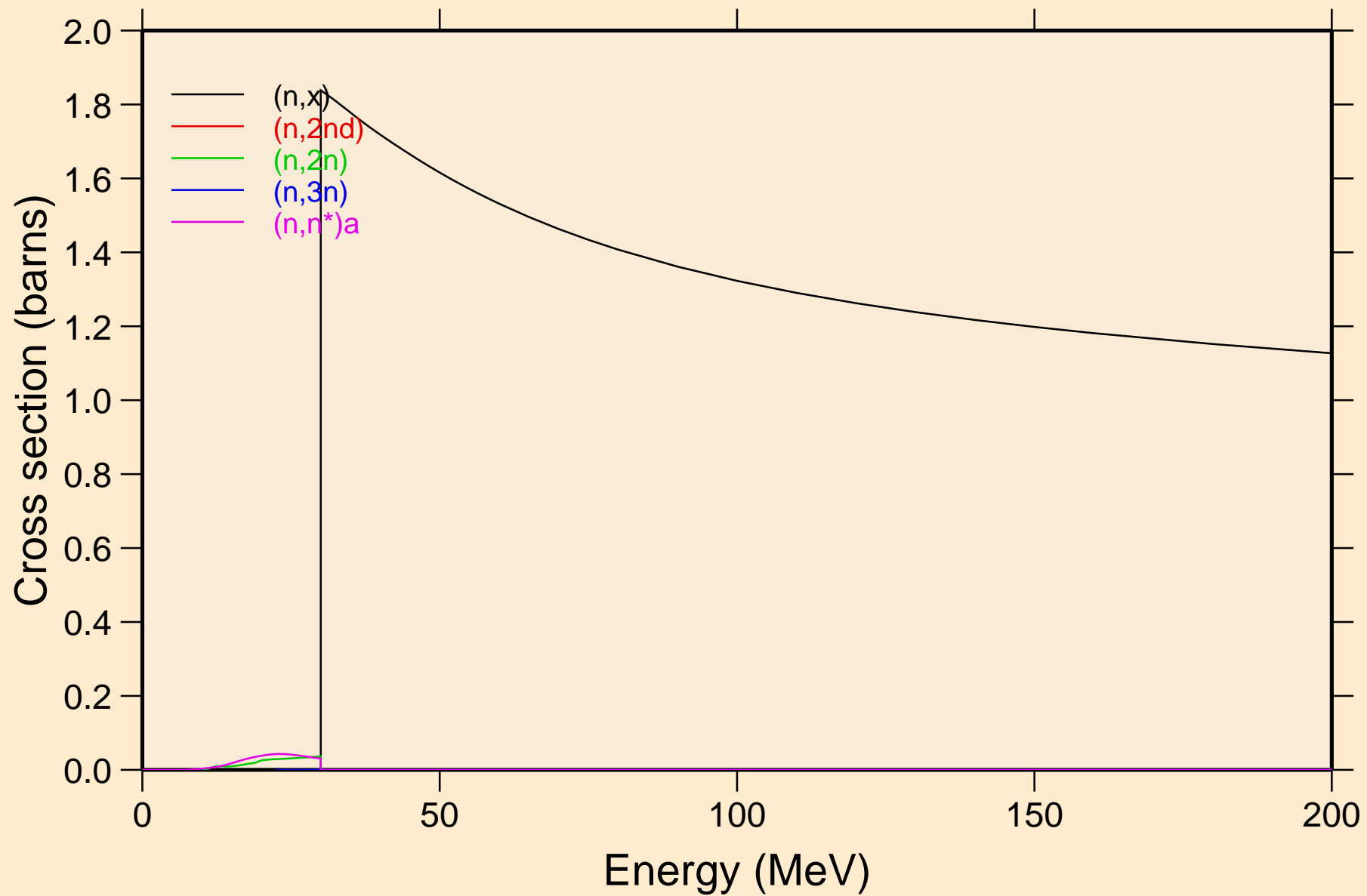
# BA121 NRG TENDL-2015, AKONING

## Inelastic levels



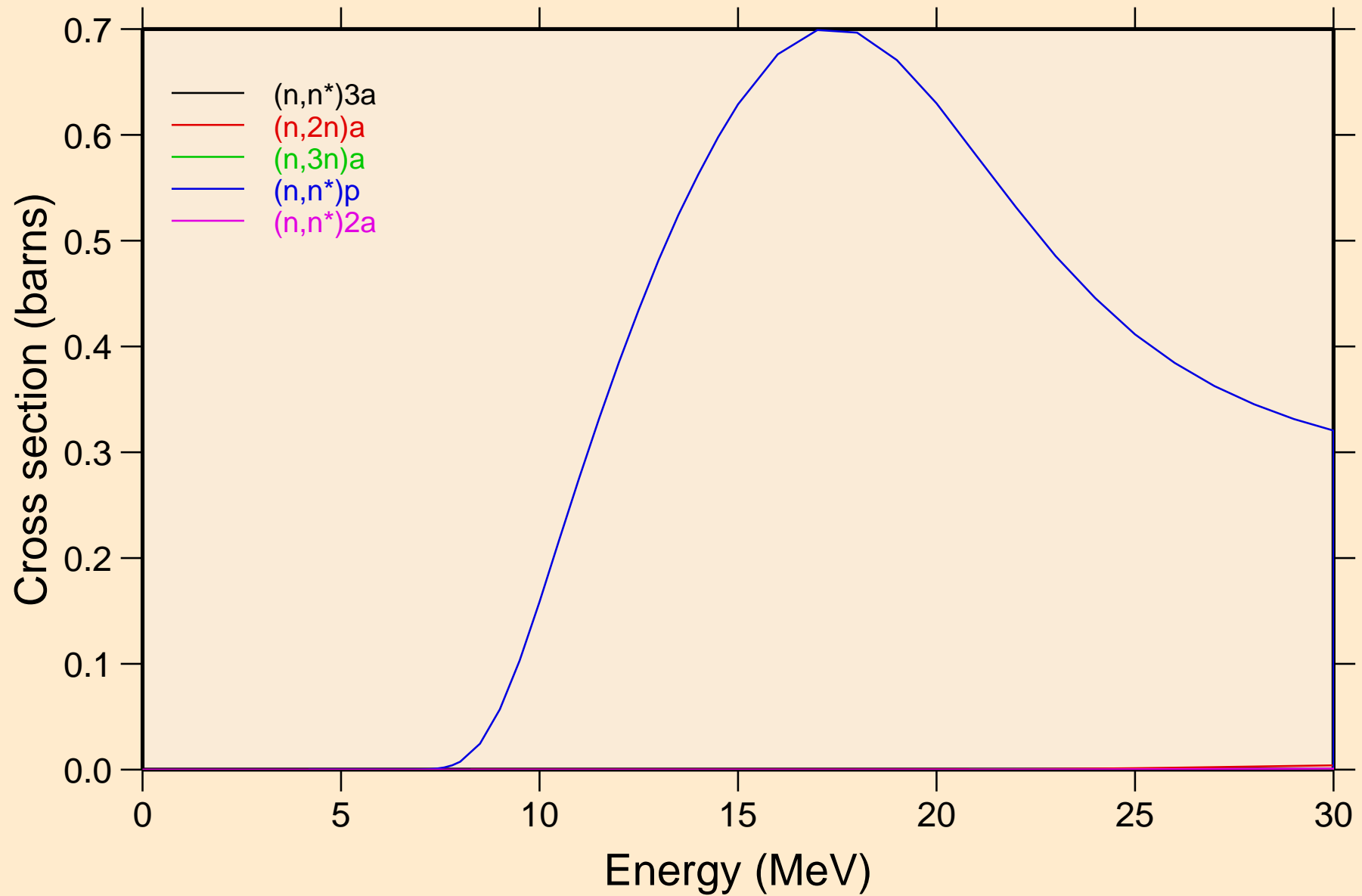
# BA121 NRG TENDL-2015, AKONING

## Threshold reactions



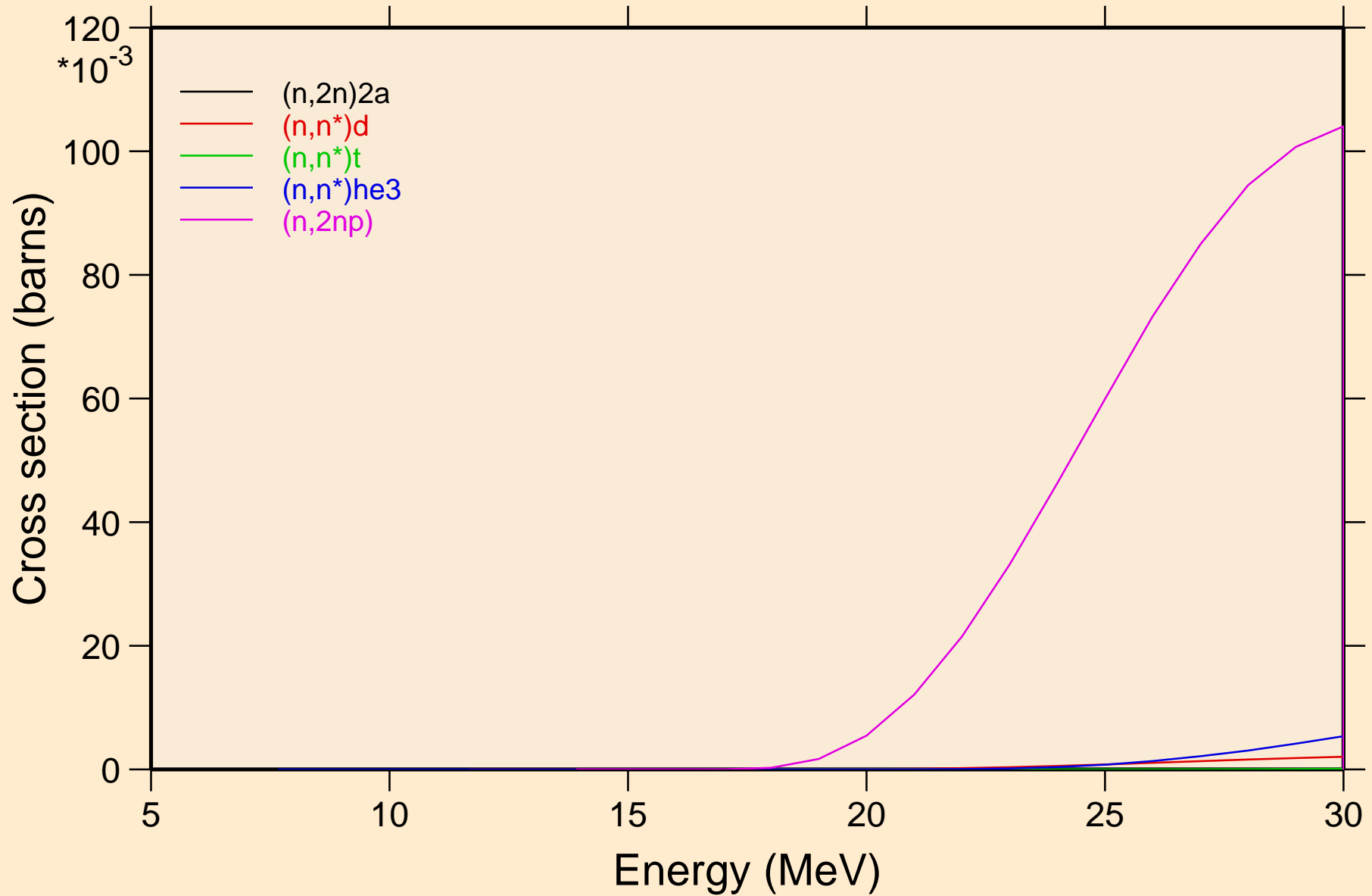
# BA121 NRG TENDL-2015, AKONING

## Threshold reactions



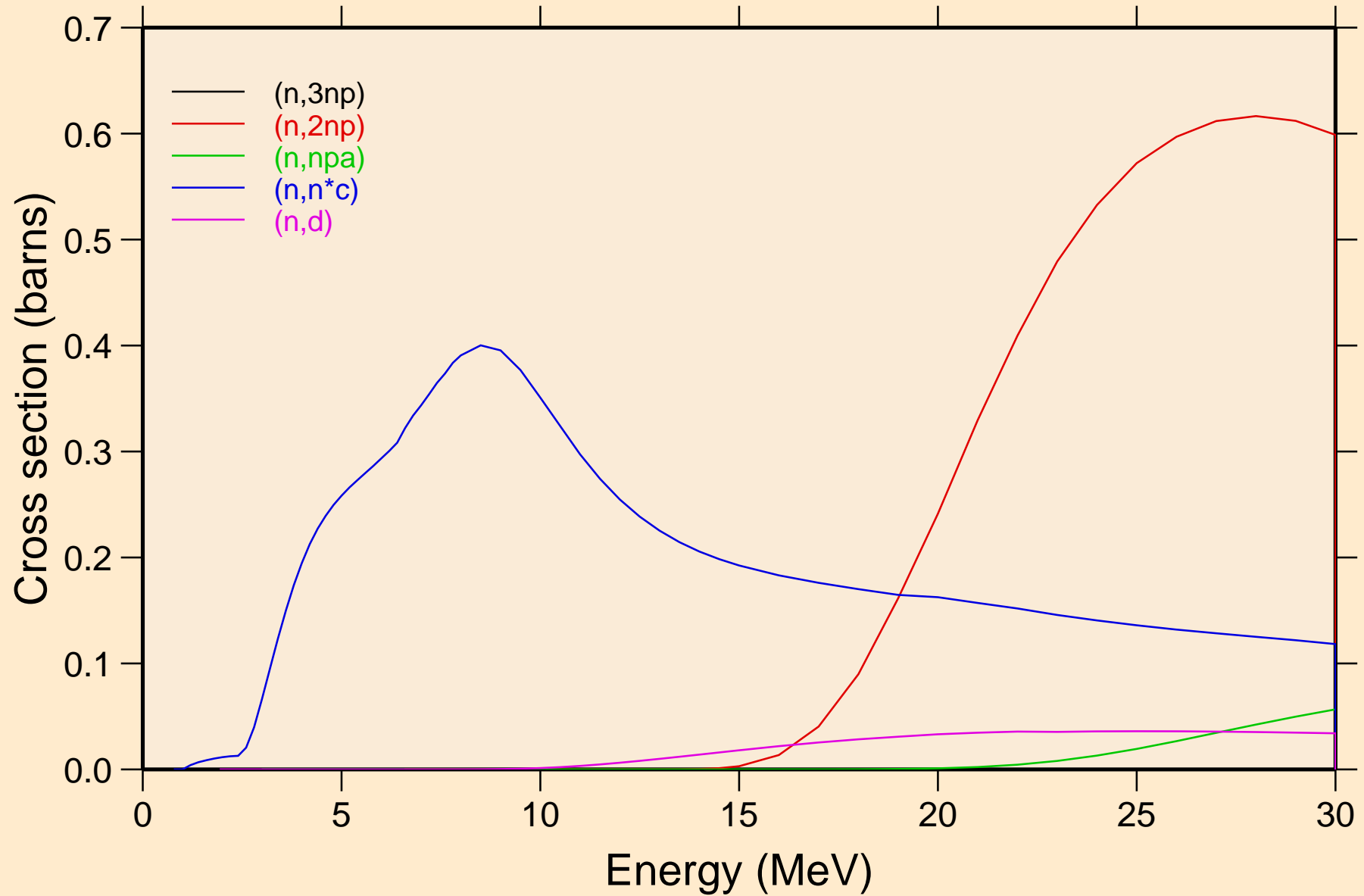
# BA121 NRG TENDL-2015, AKONING

## Threshold reactions



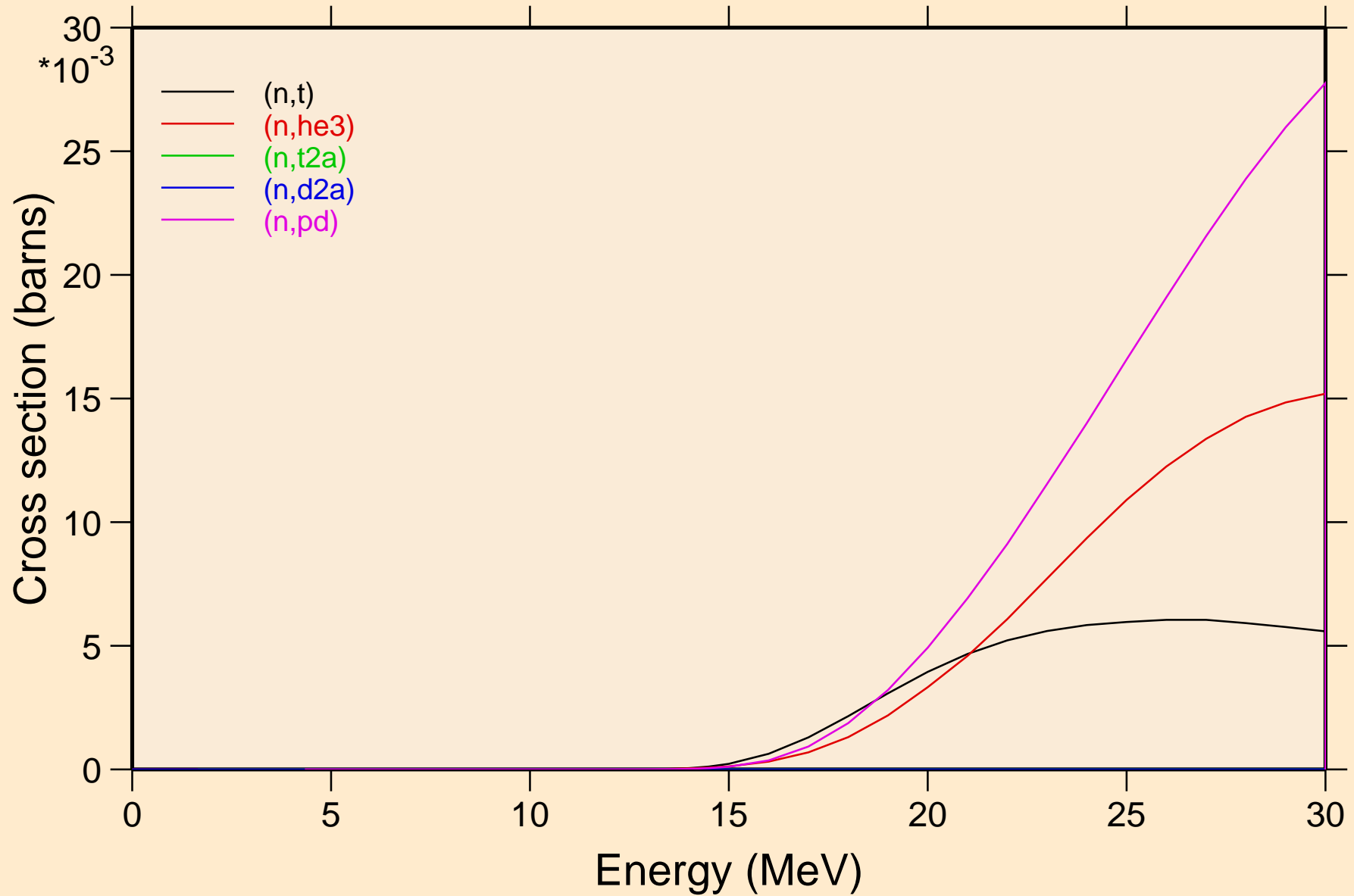
# BA121 NRG TENDL-2015, AKONING

## Threshold reactions



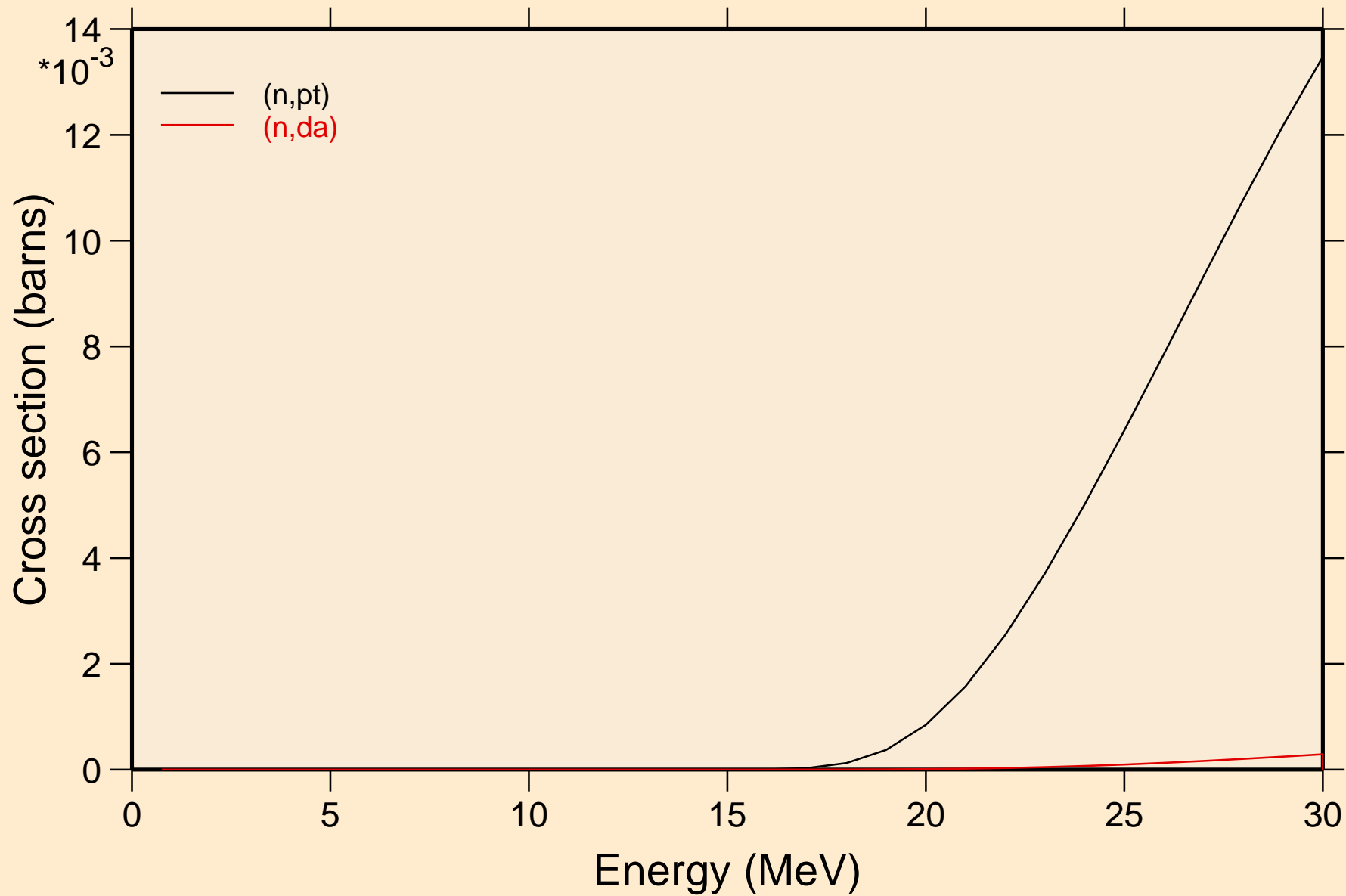
# BA121 NRG TENDL-2015, AKONING

## Threshold reactions

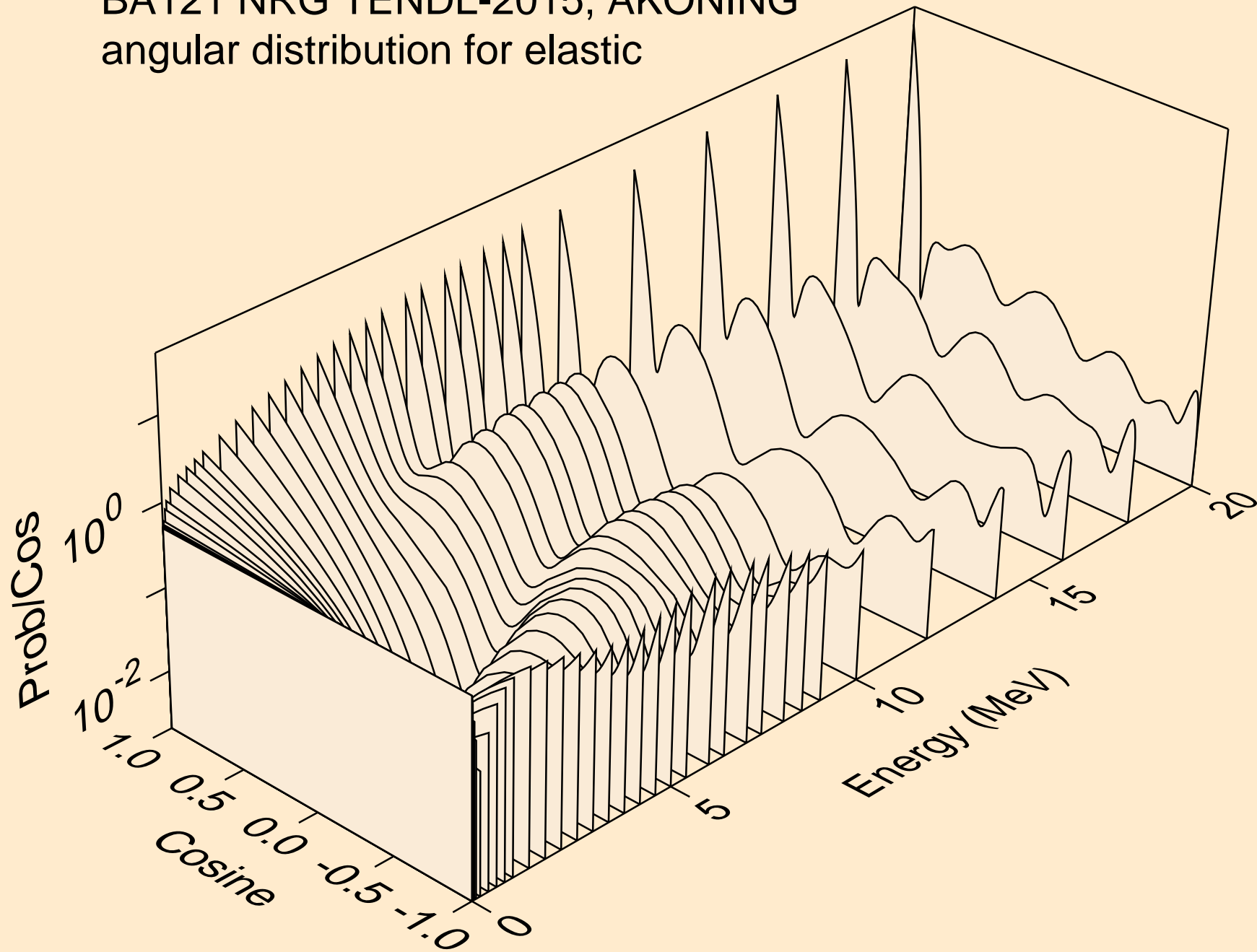


# BA121 NRG TENDL-2015, AKONING

## Threshold reactions

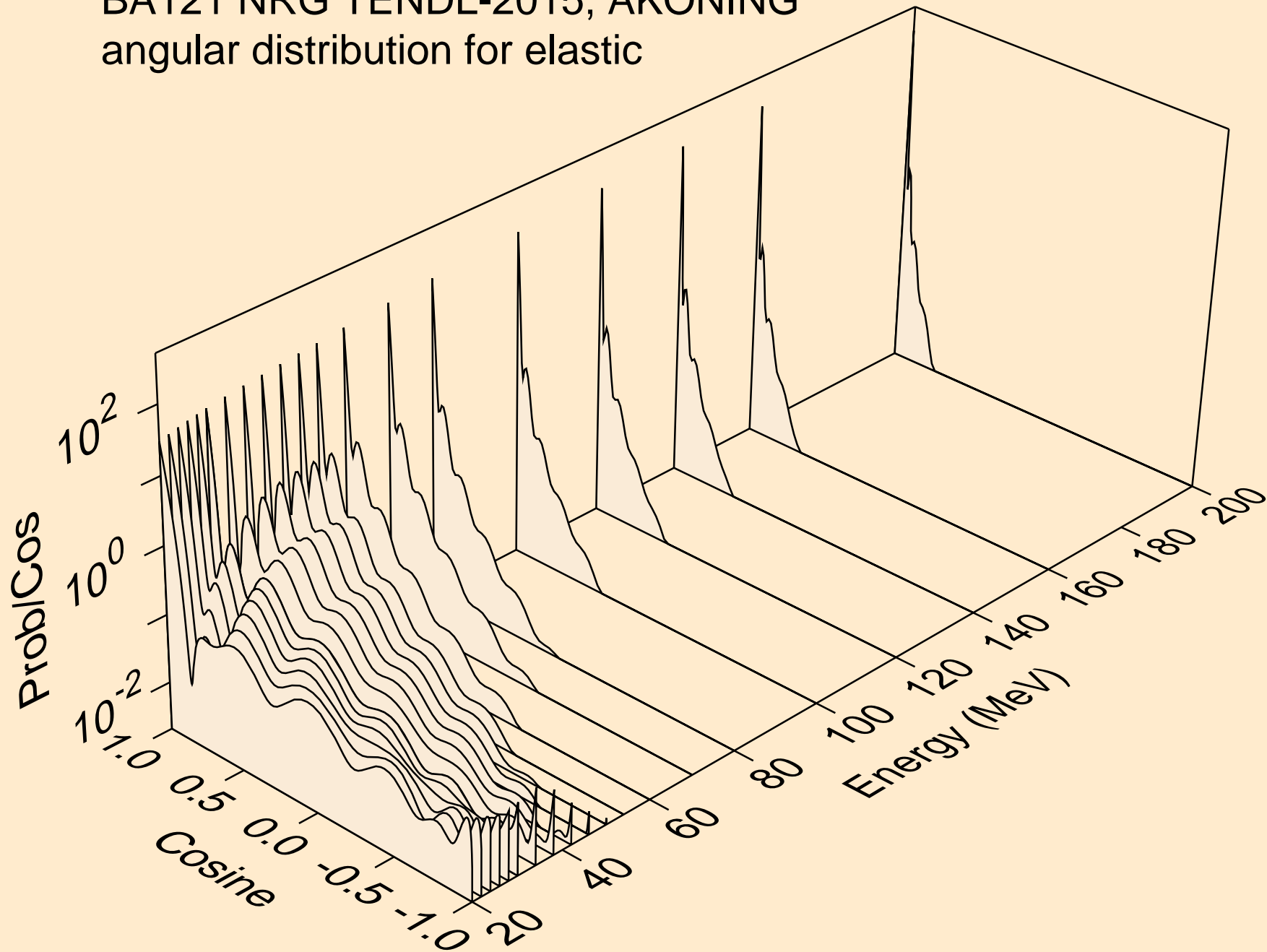


BA121 NRG TENDL-2015, AKONING  
angular distribution for elastic

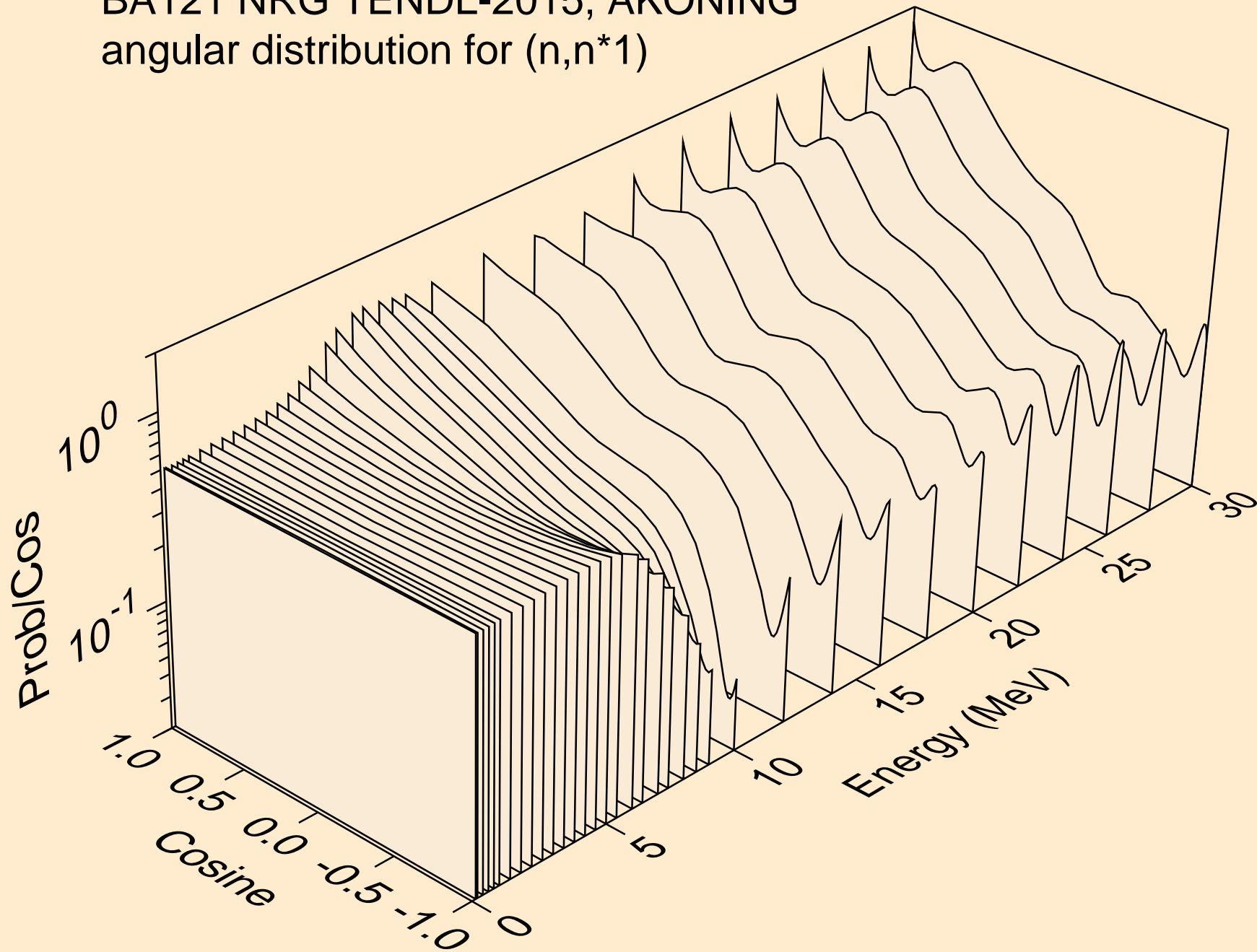




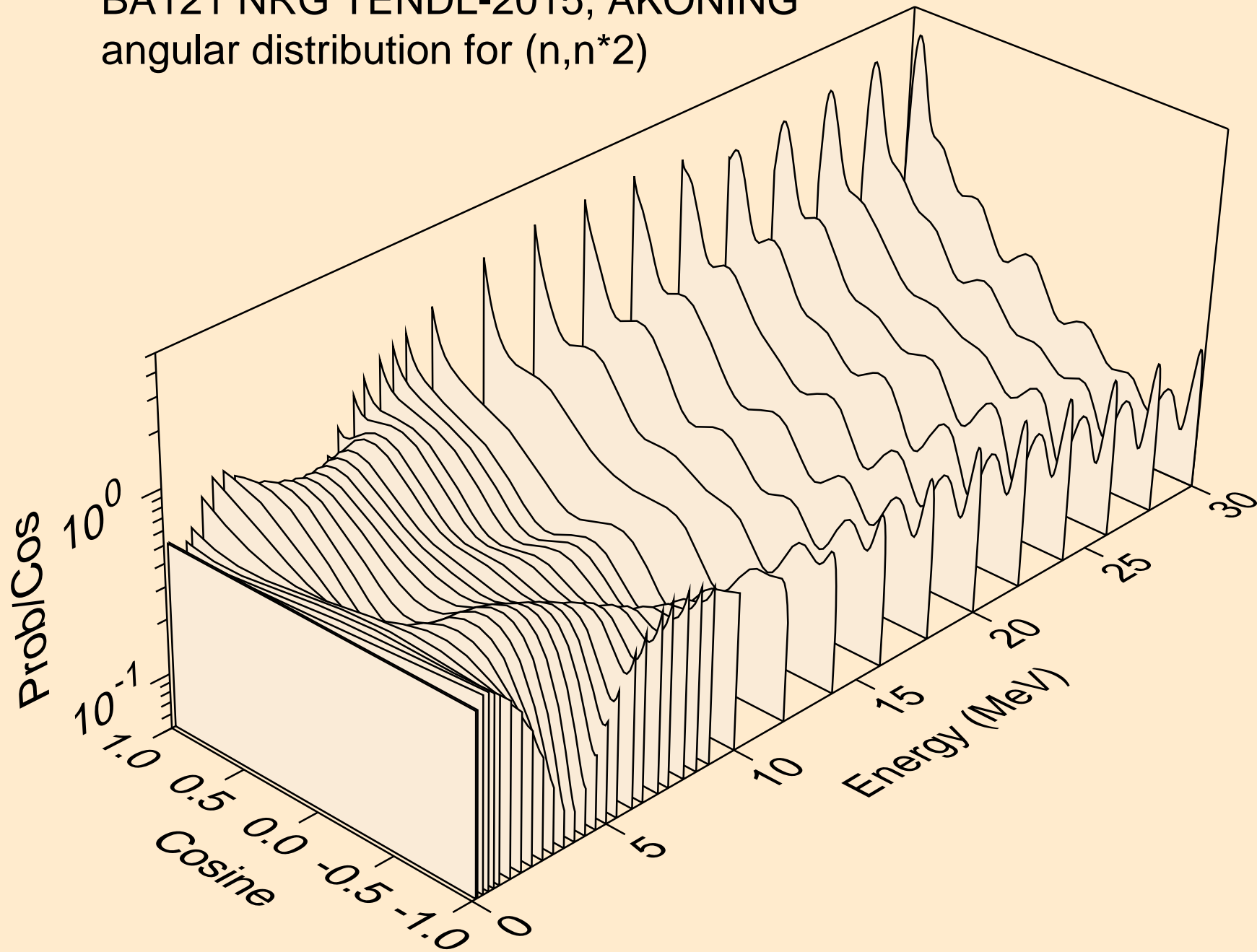
BA121 NRG TENDL-2015, AKONING  
angular distribution for elastic



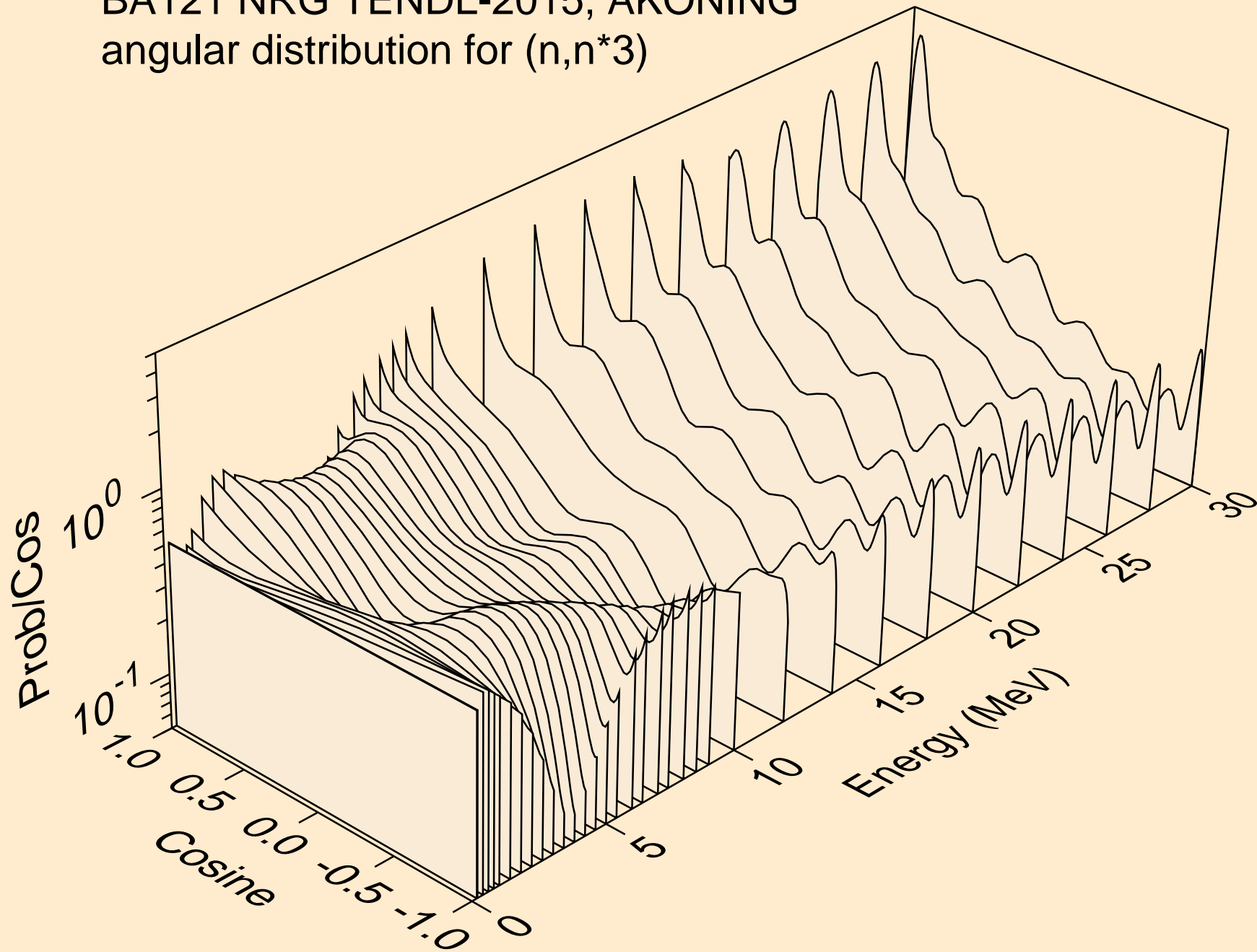
BA121 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



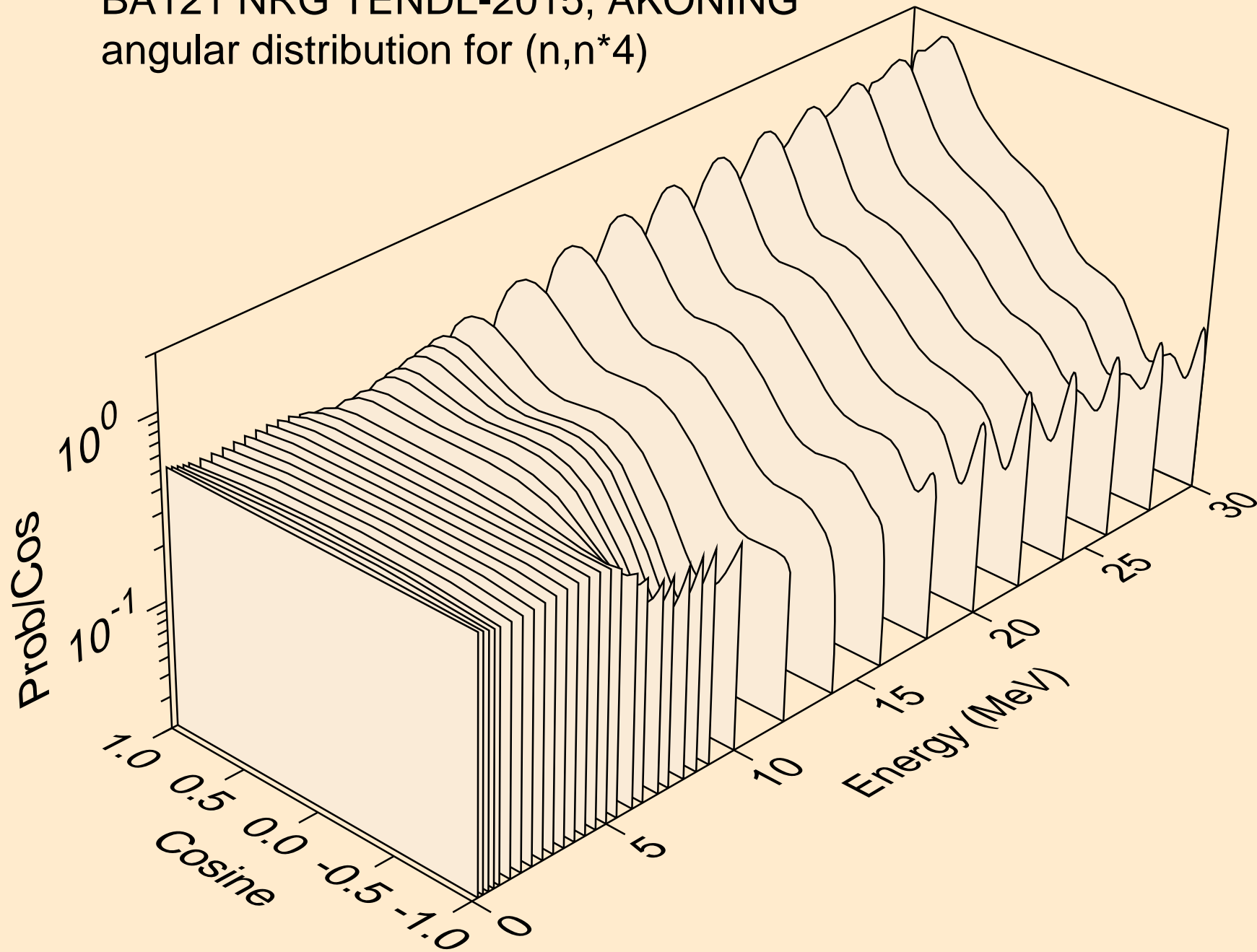
BA121 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



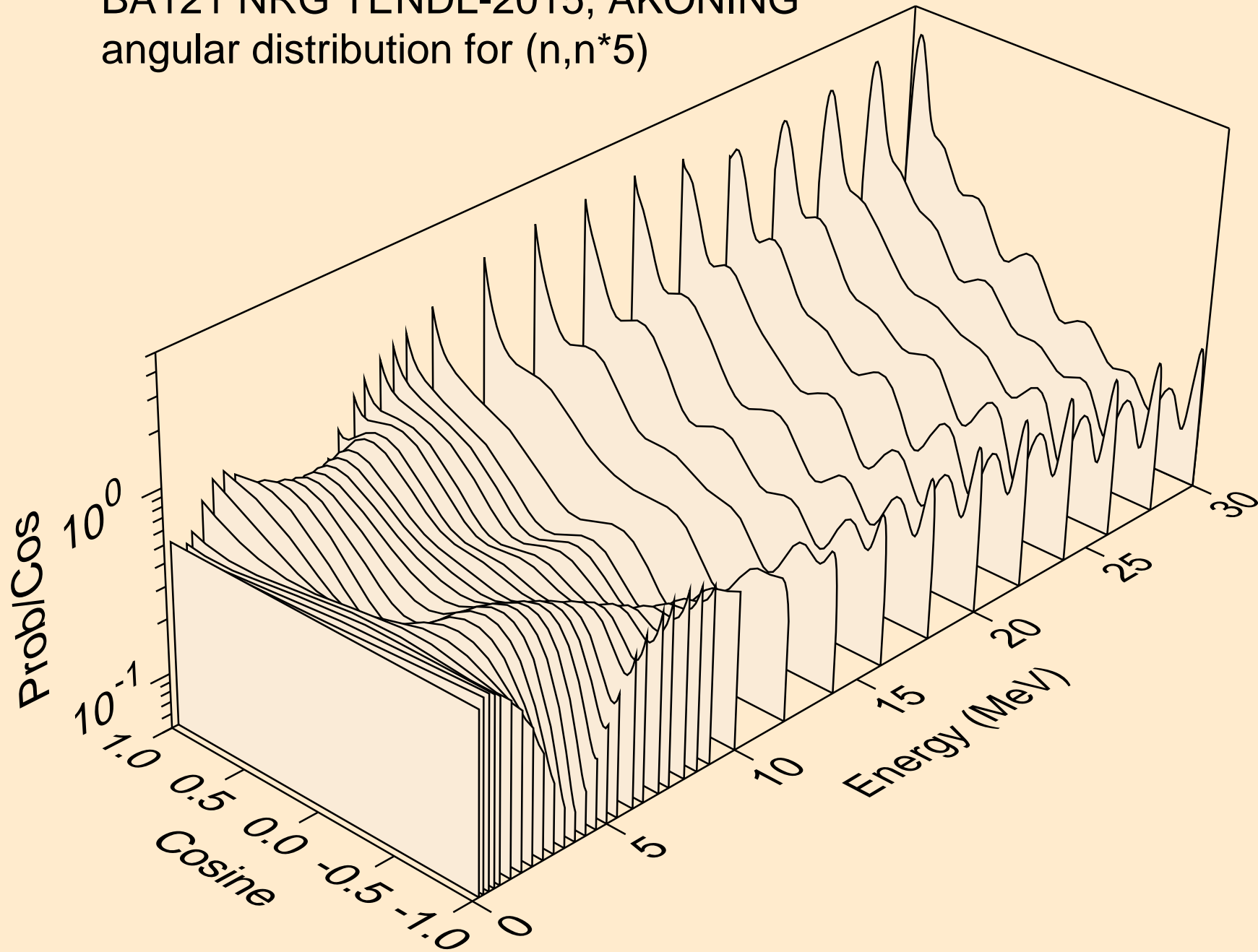
BA121 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



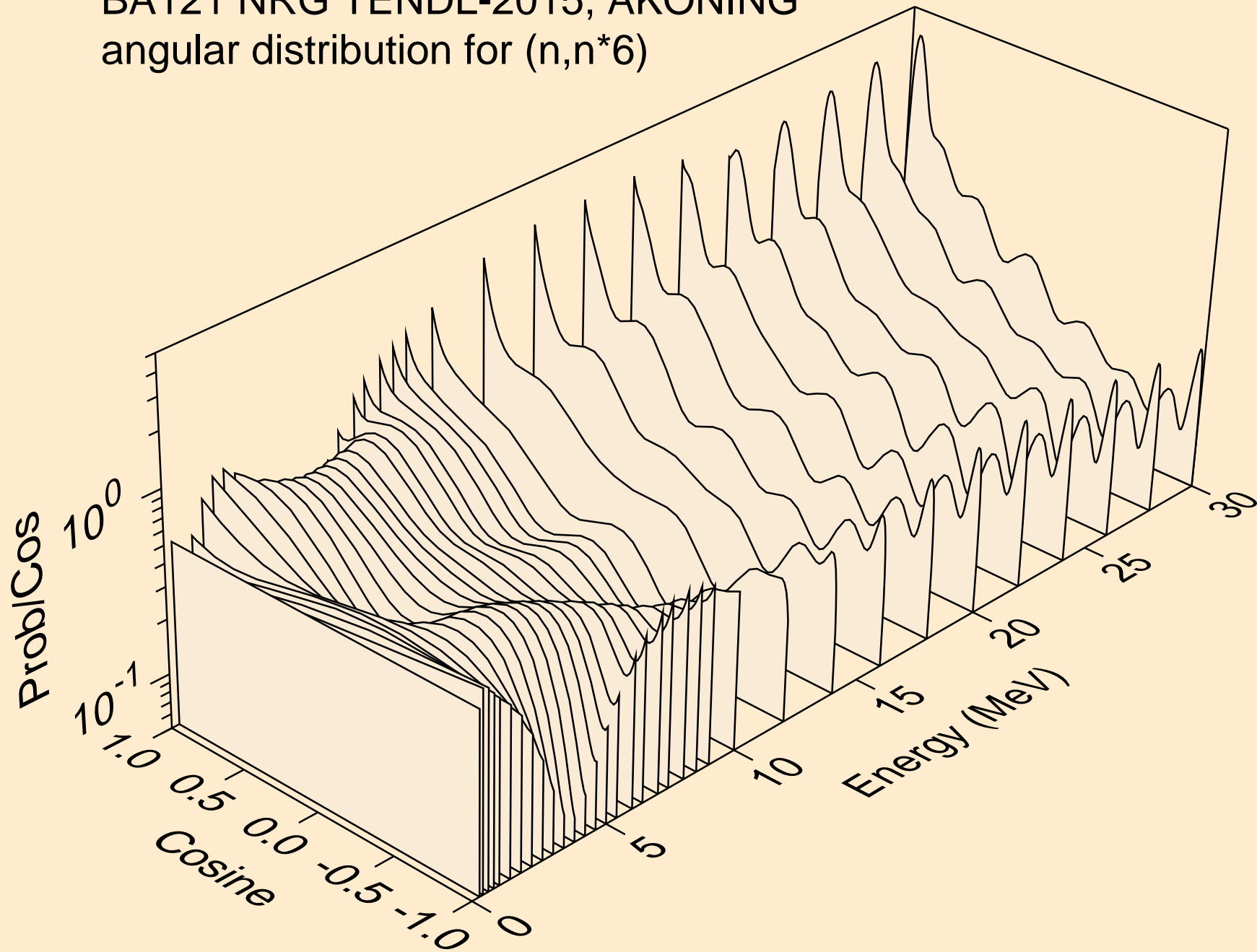
BA121 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



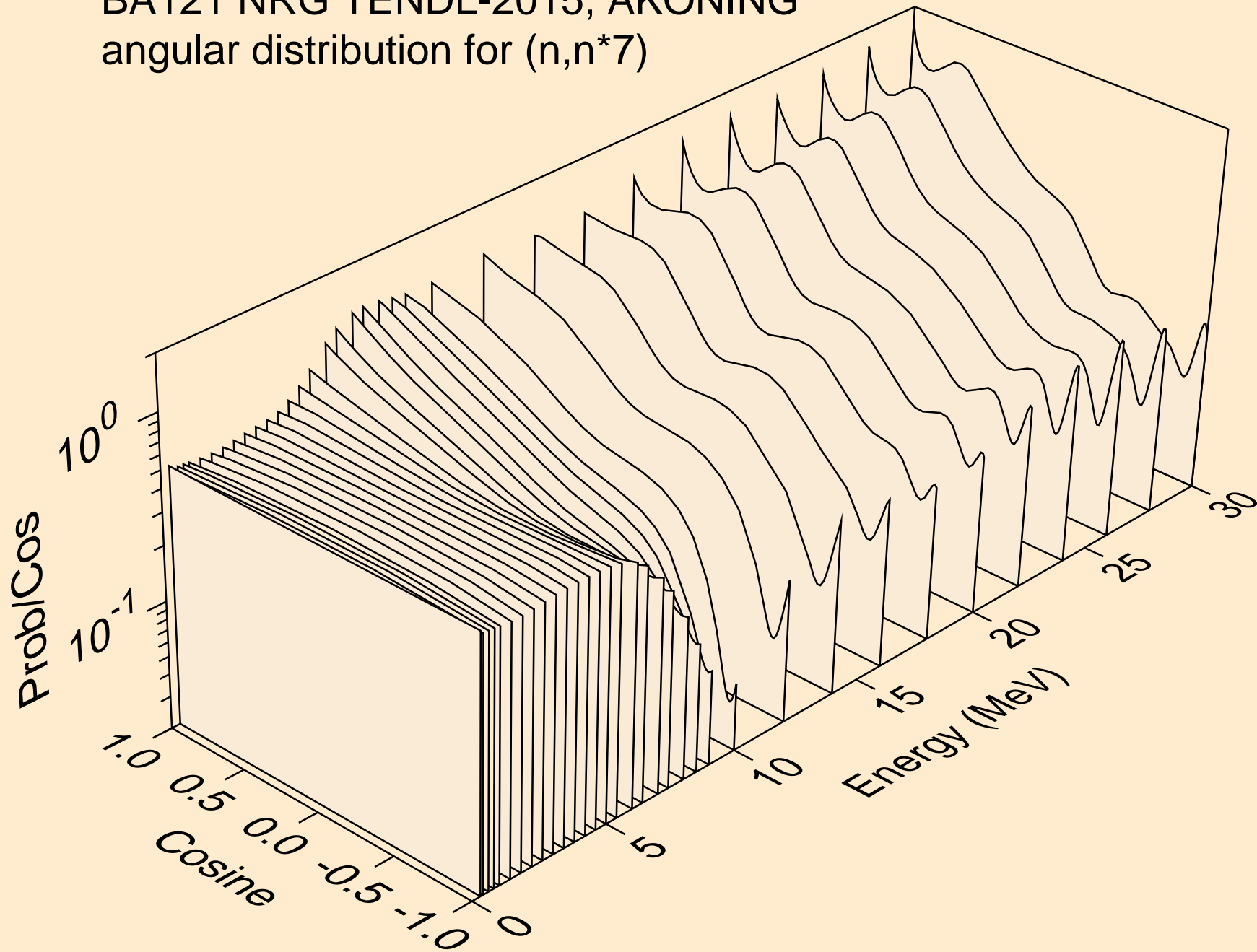
BA121 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



BA121 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

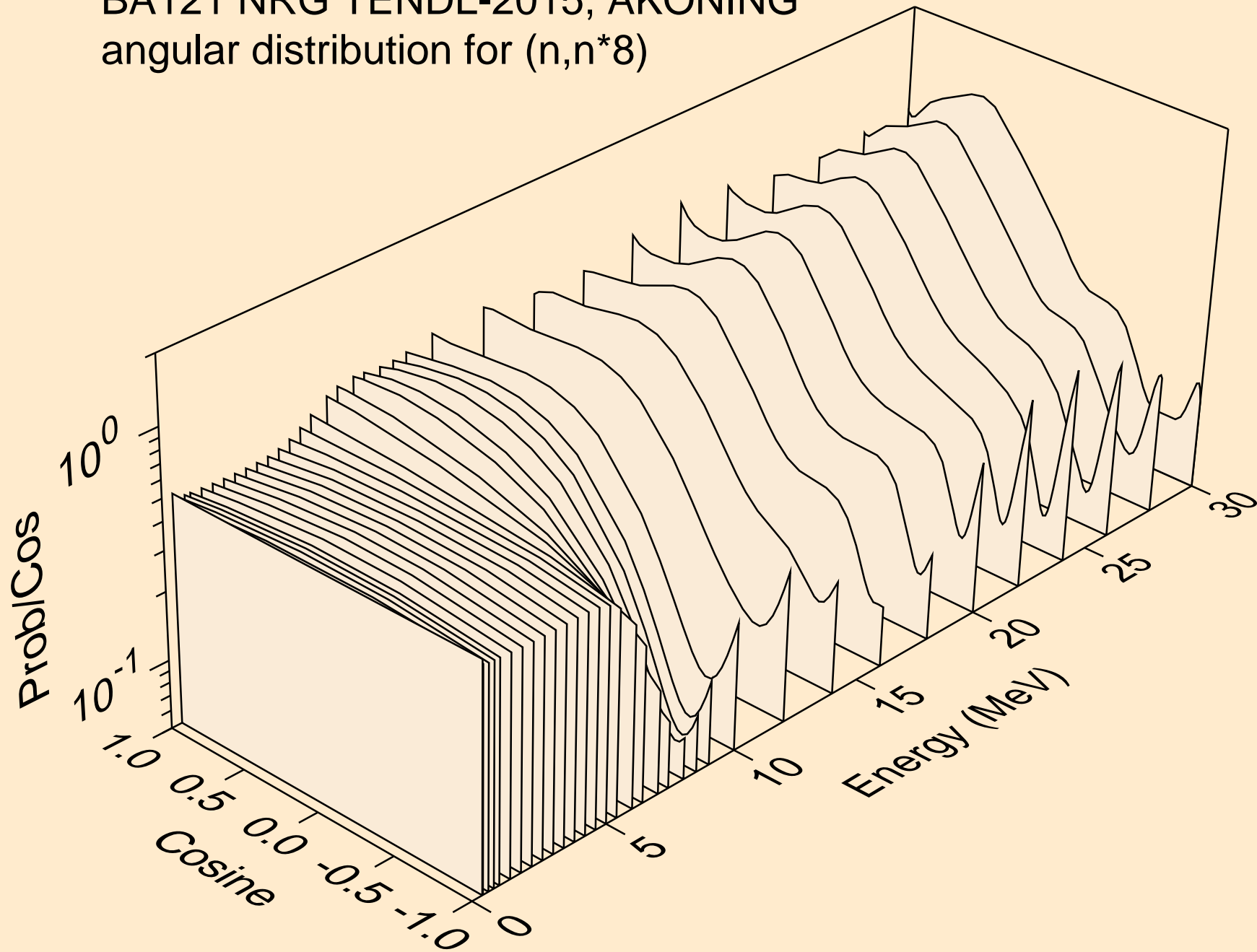


BA121 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

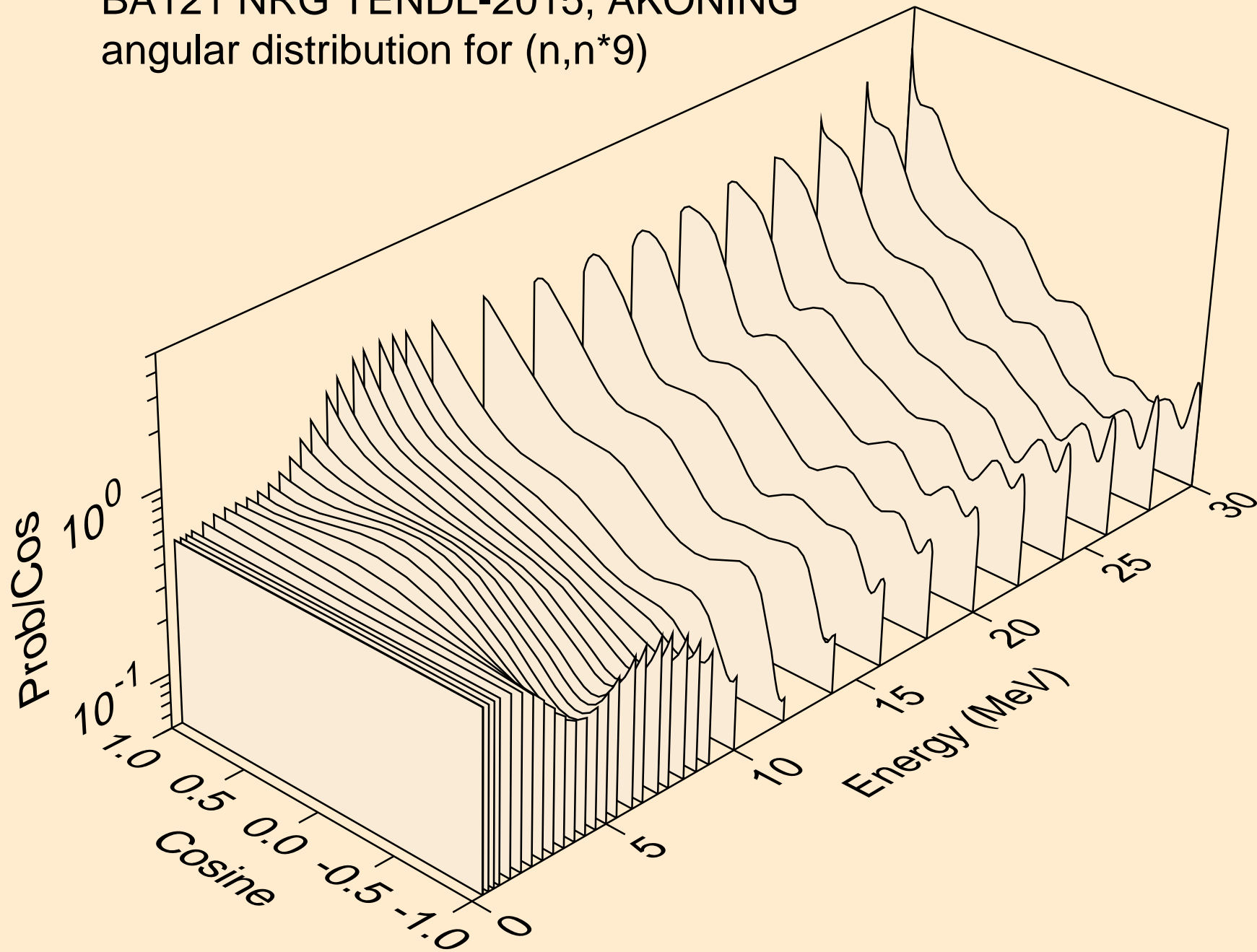




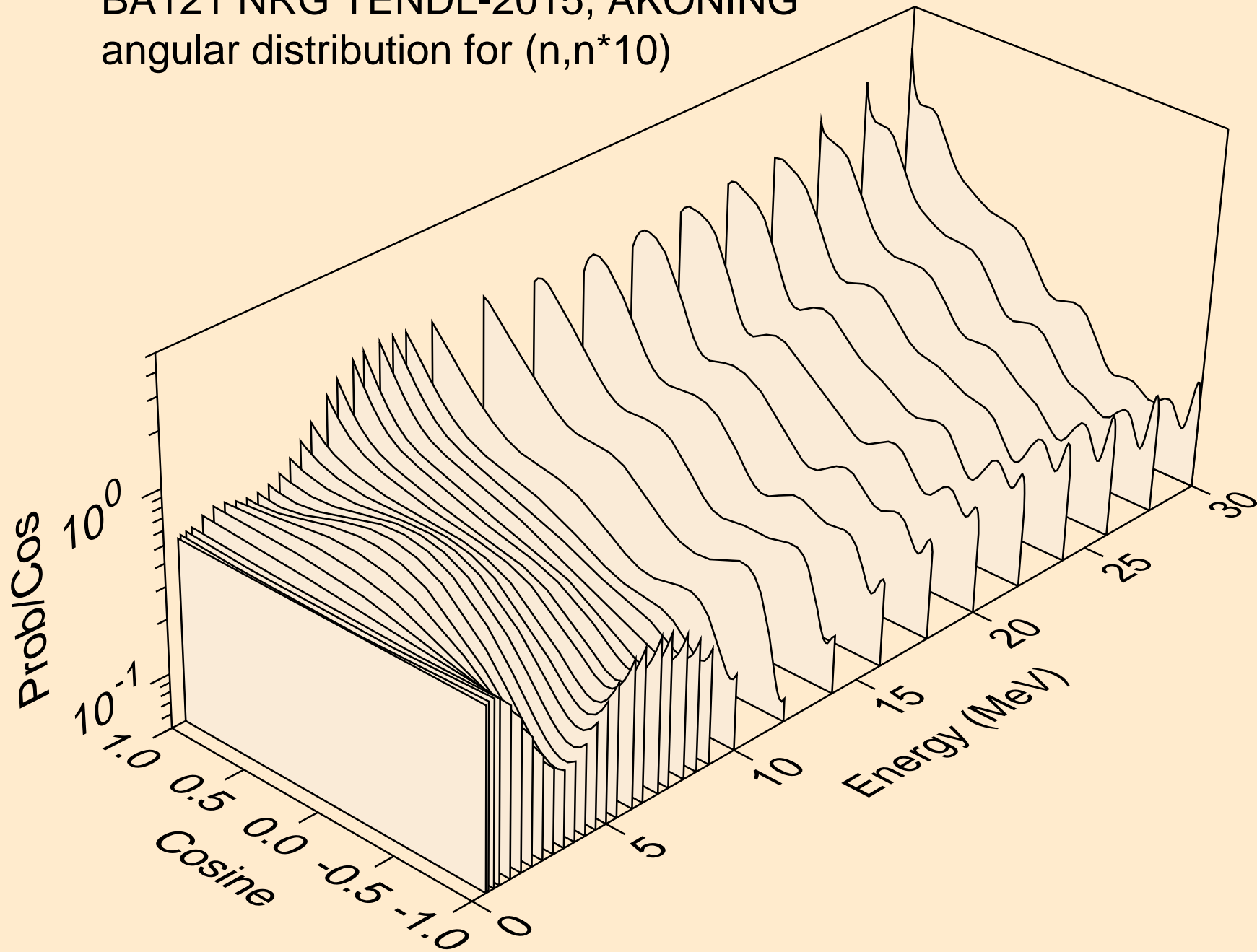
BA121 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



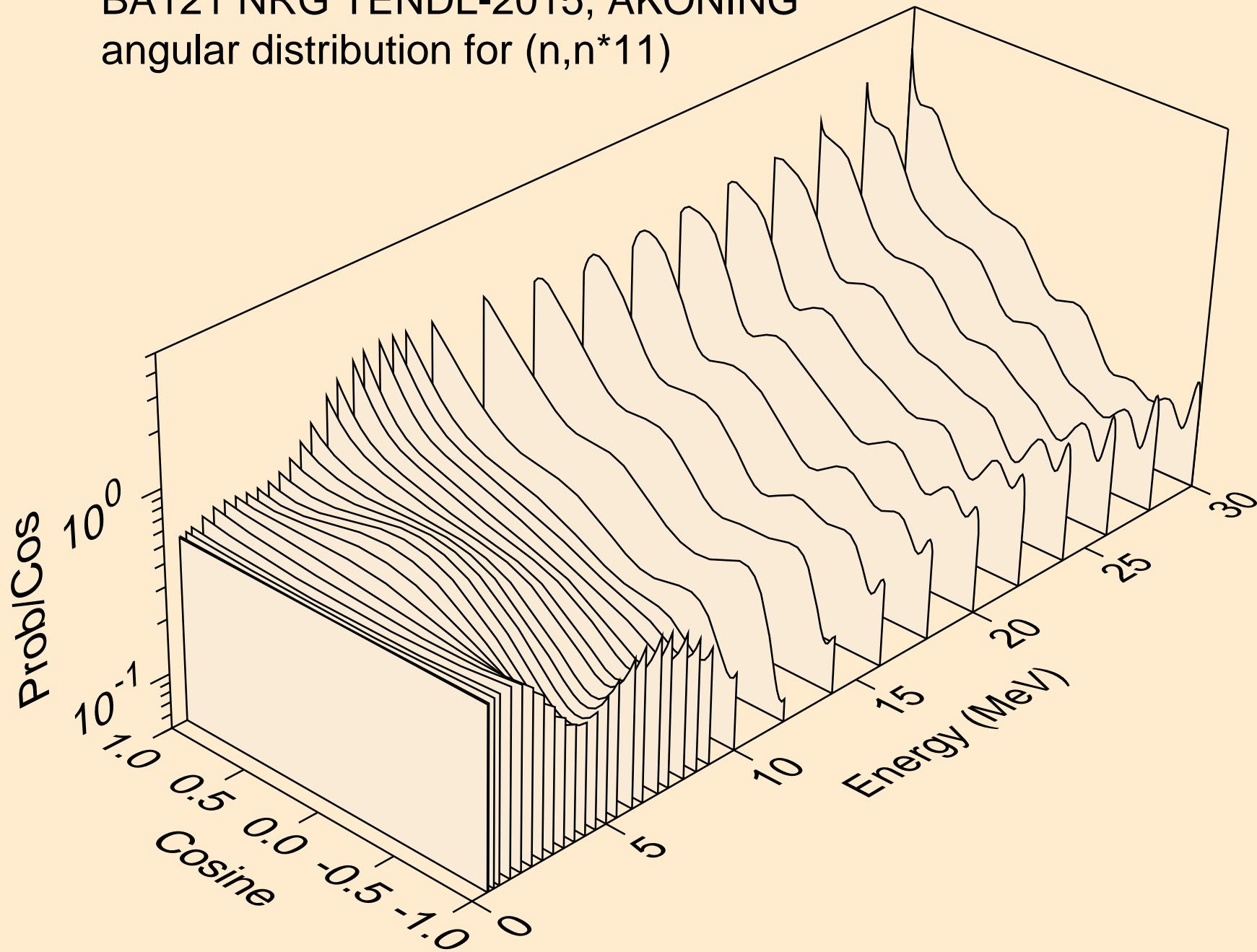
BA121 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



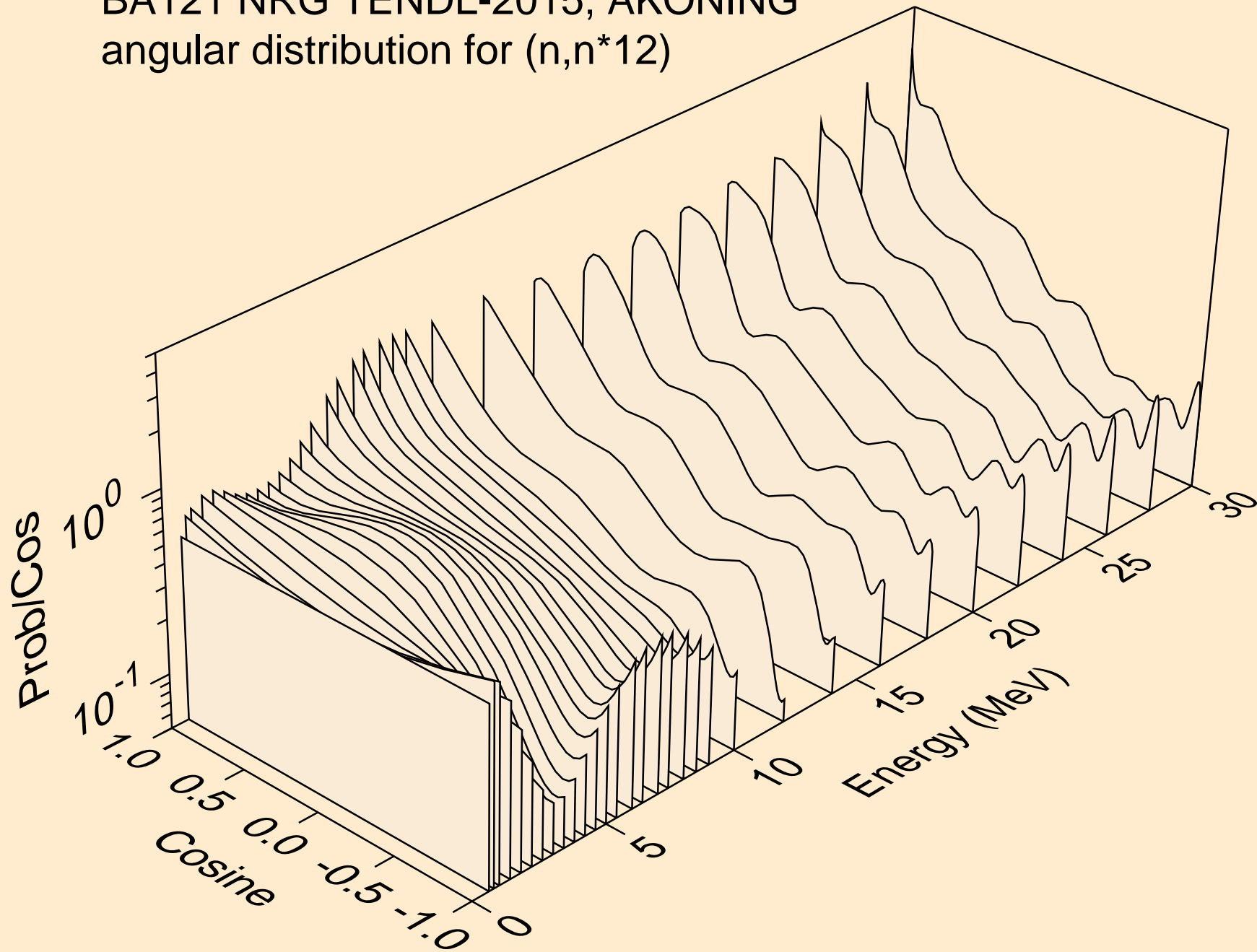
BA121 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



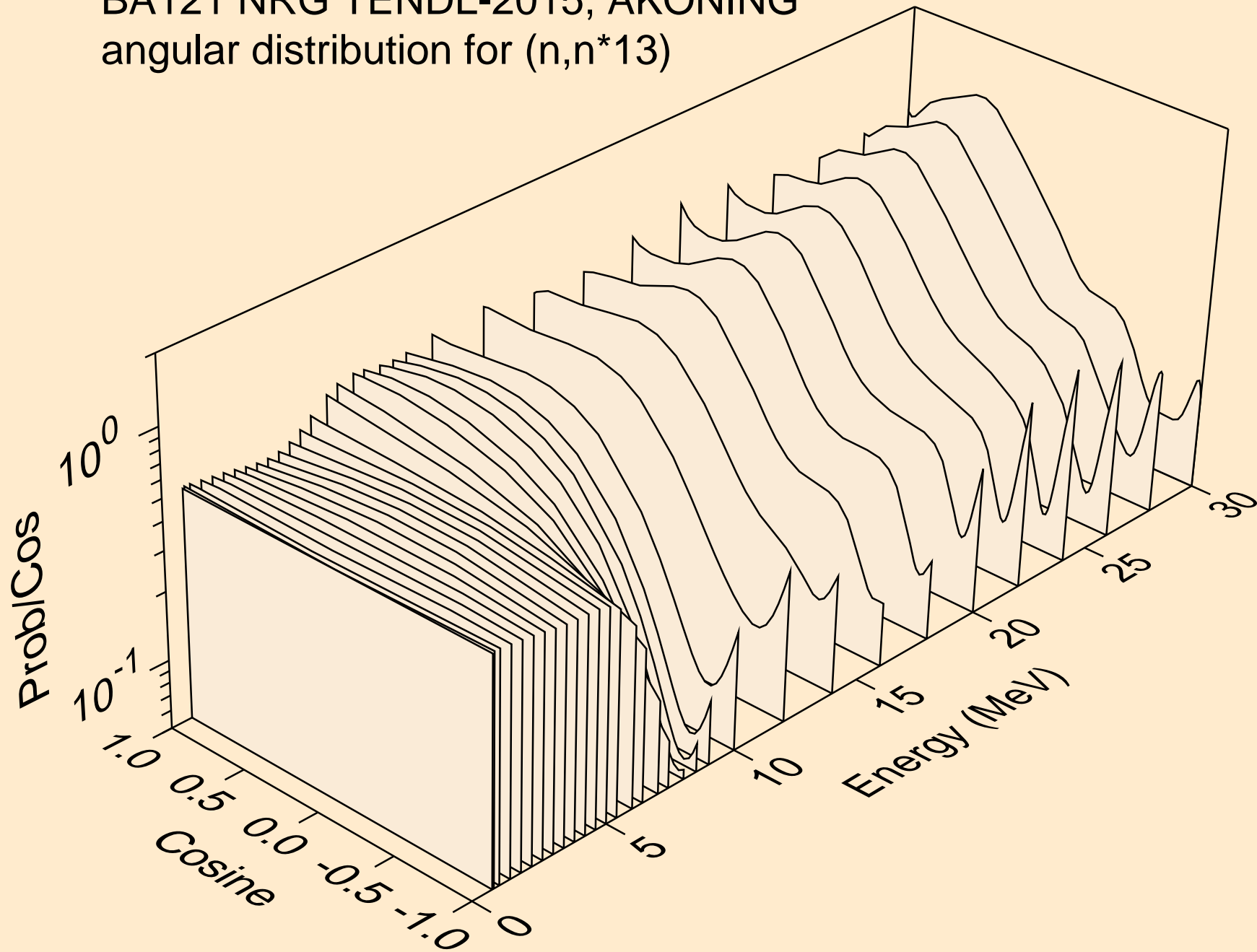
BA121 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



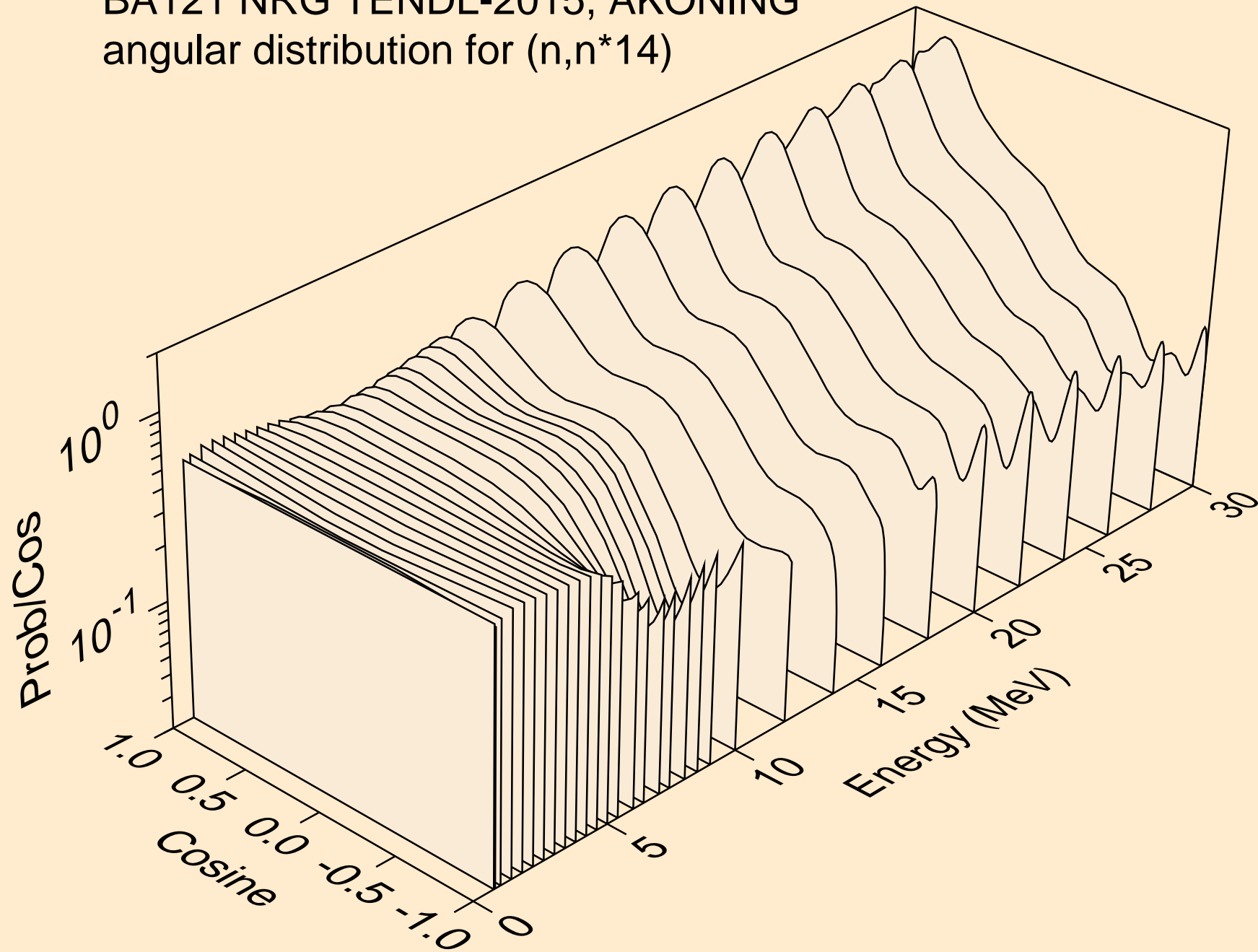
BA121 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



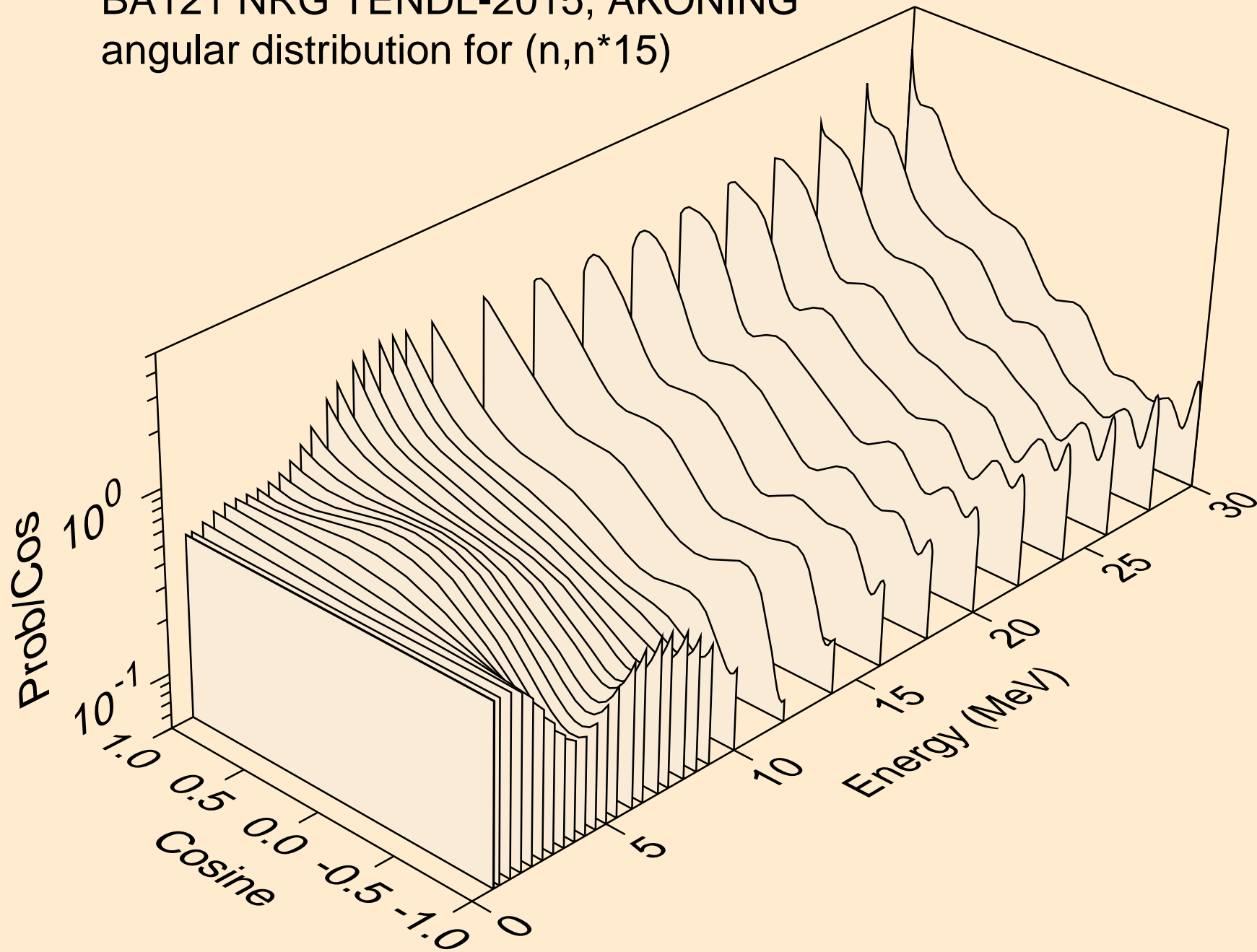
BA121 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



BA121 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

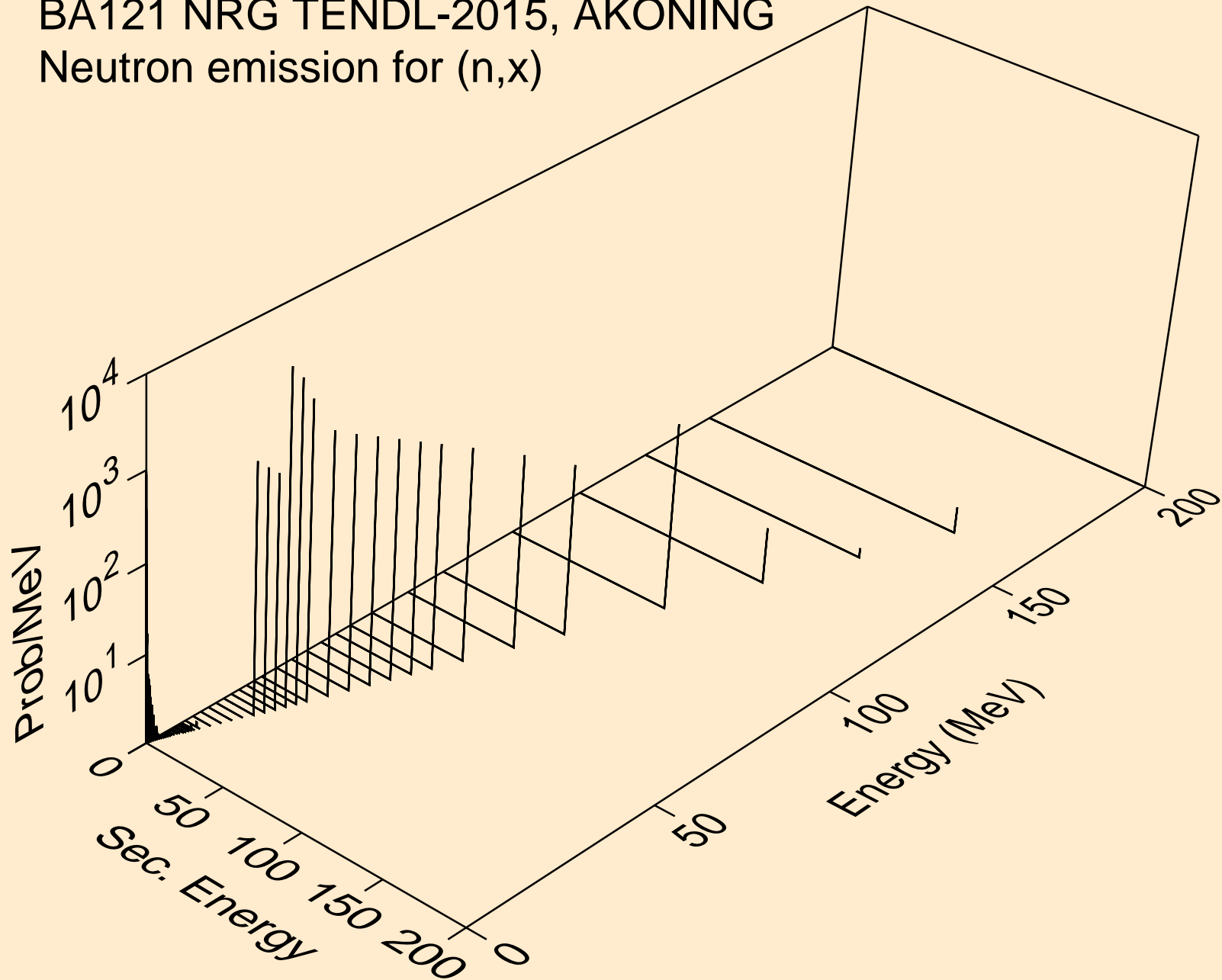


BA121 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

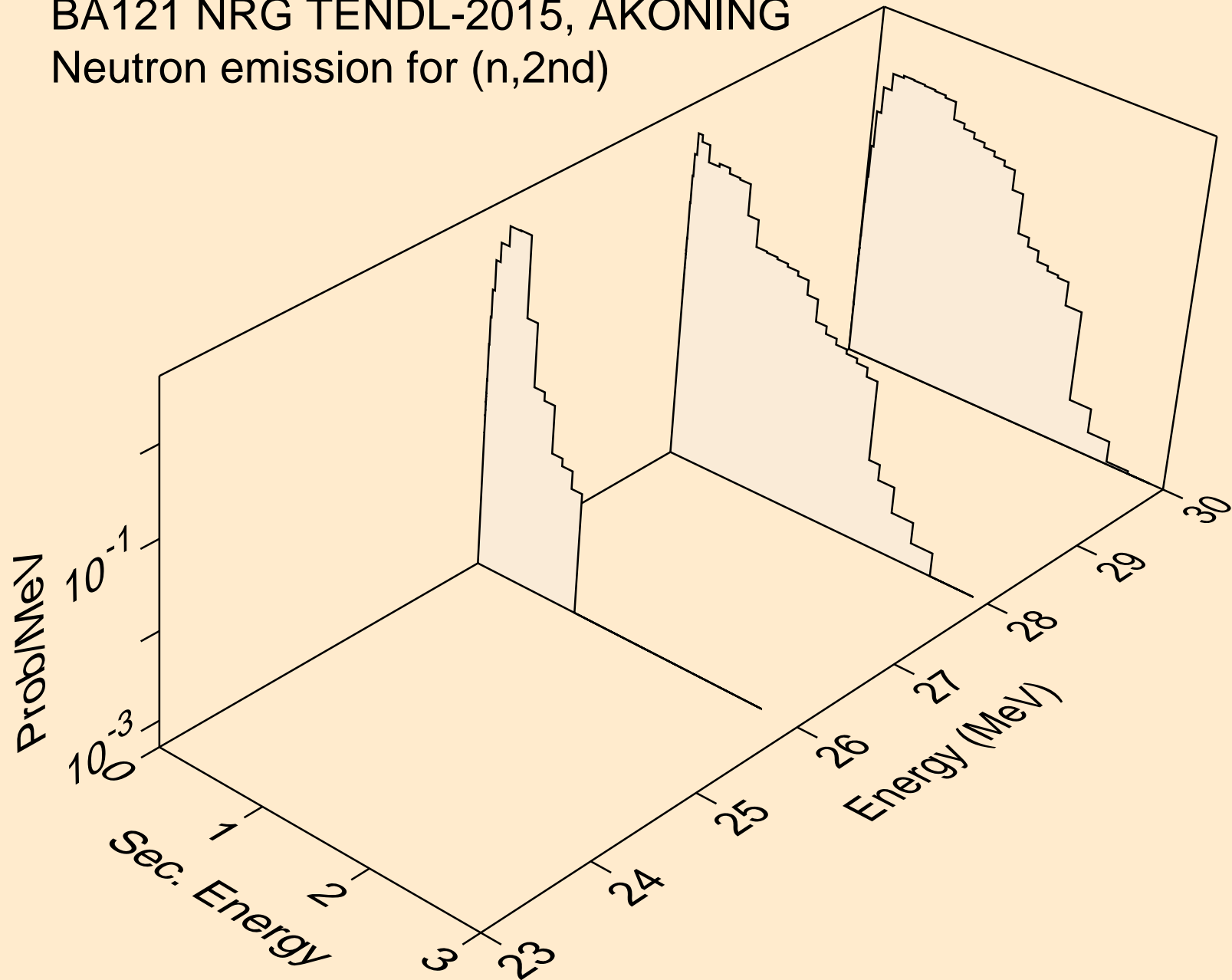




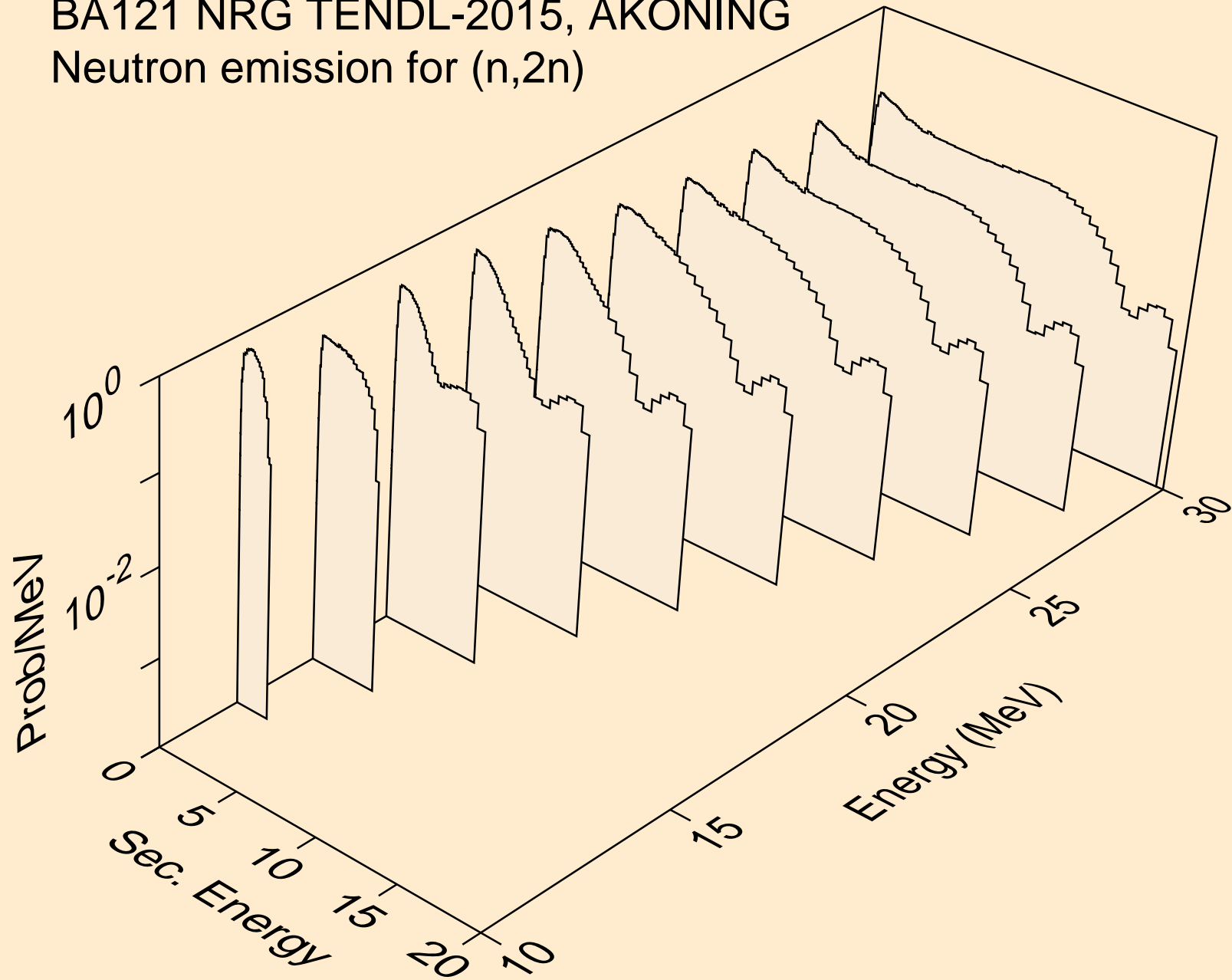
BA121 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



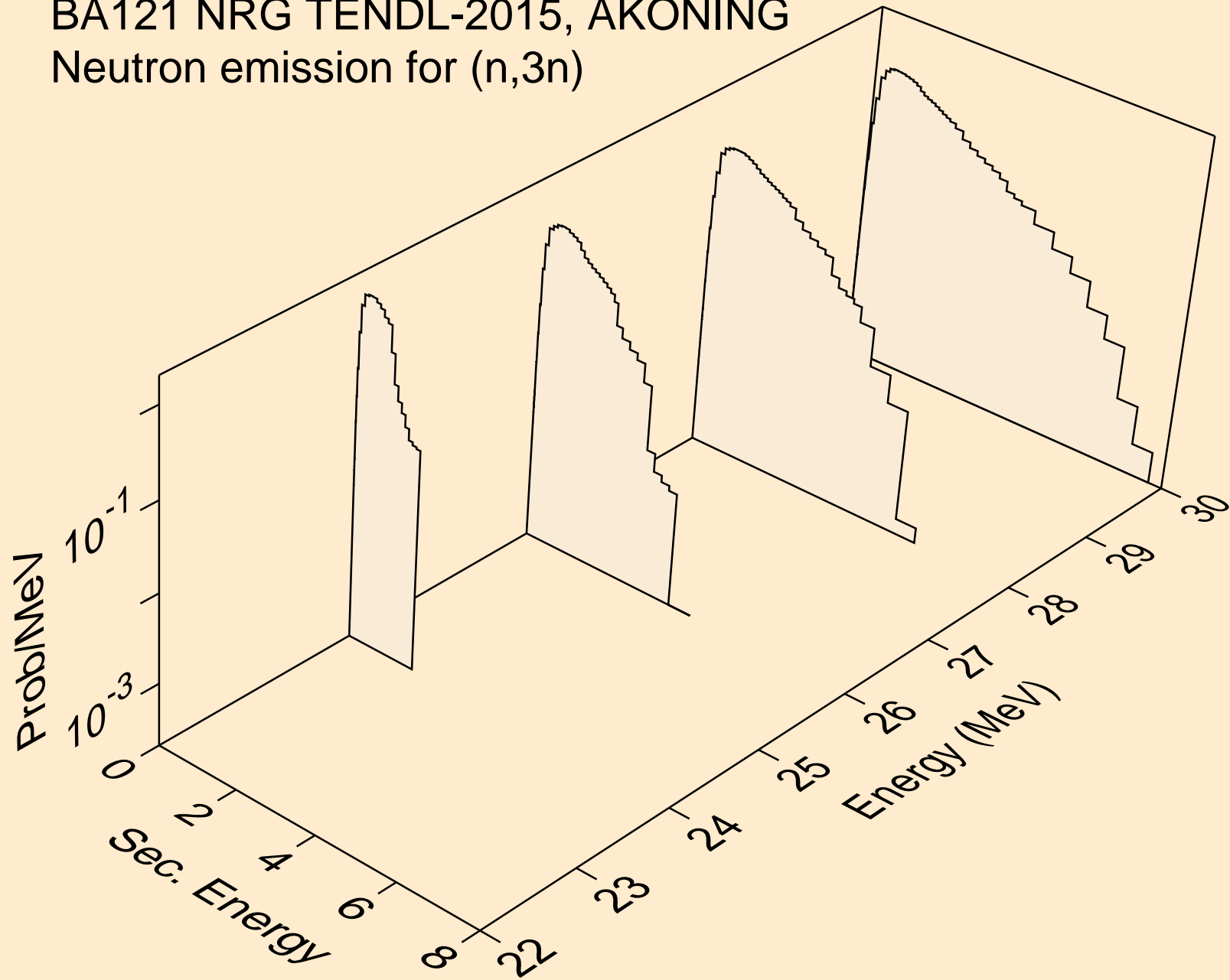
BA121 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



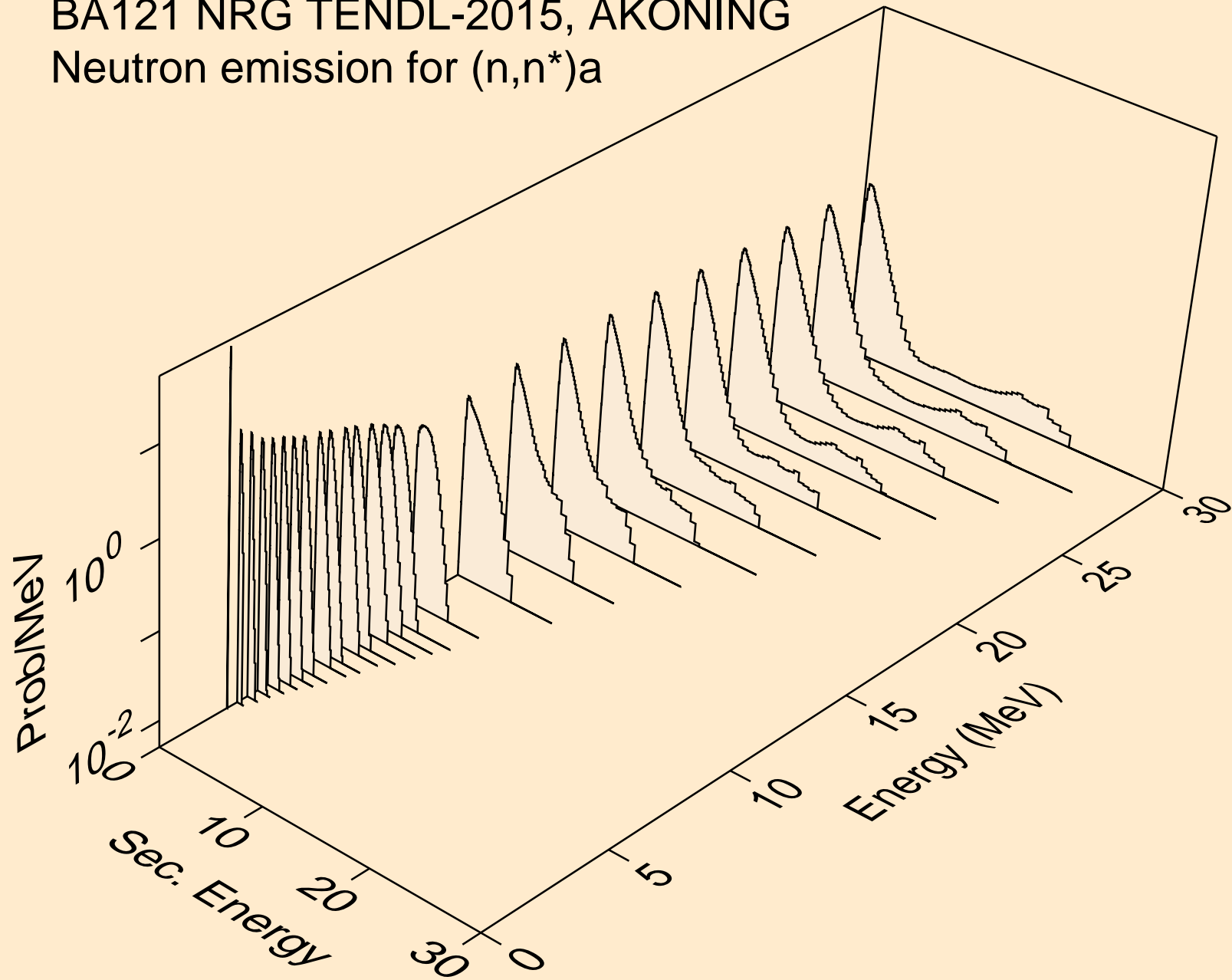
BA121 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



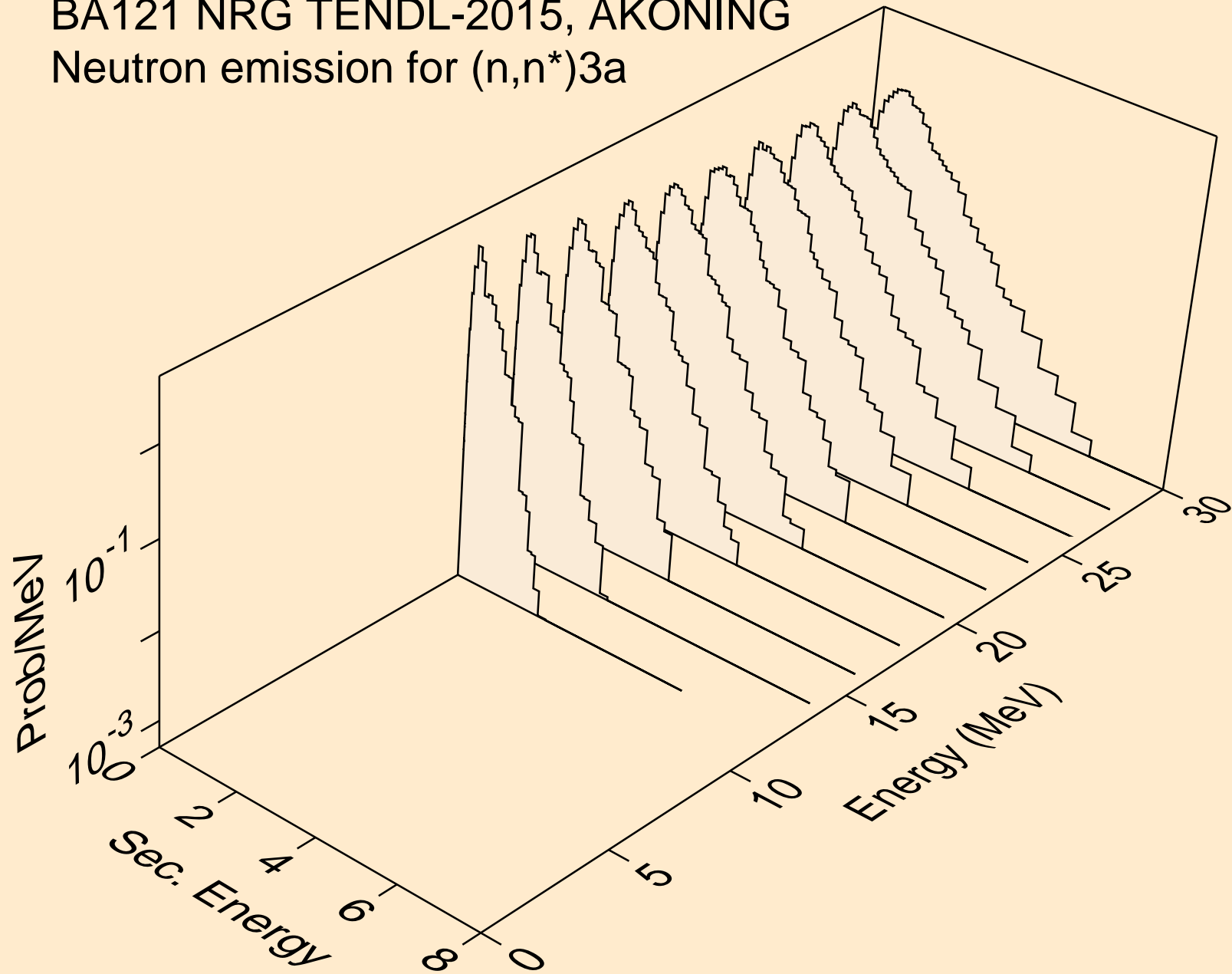
BA121 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



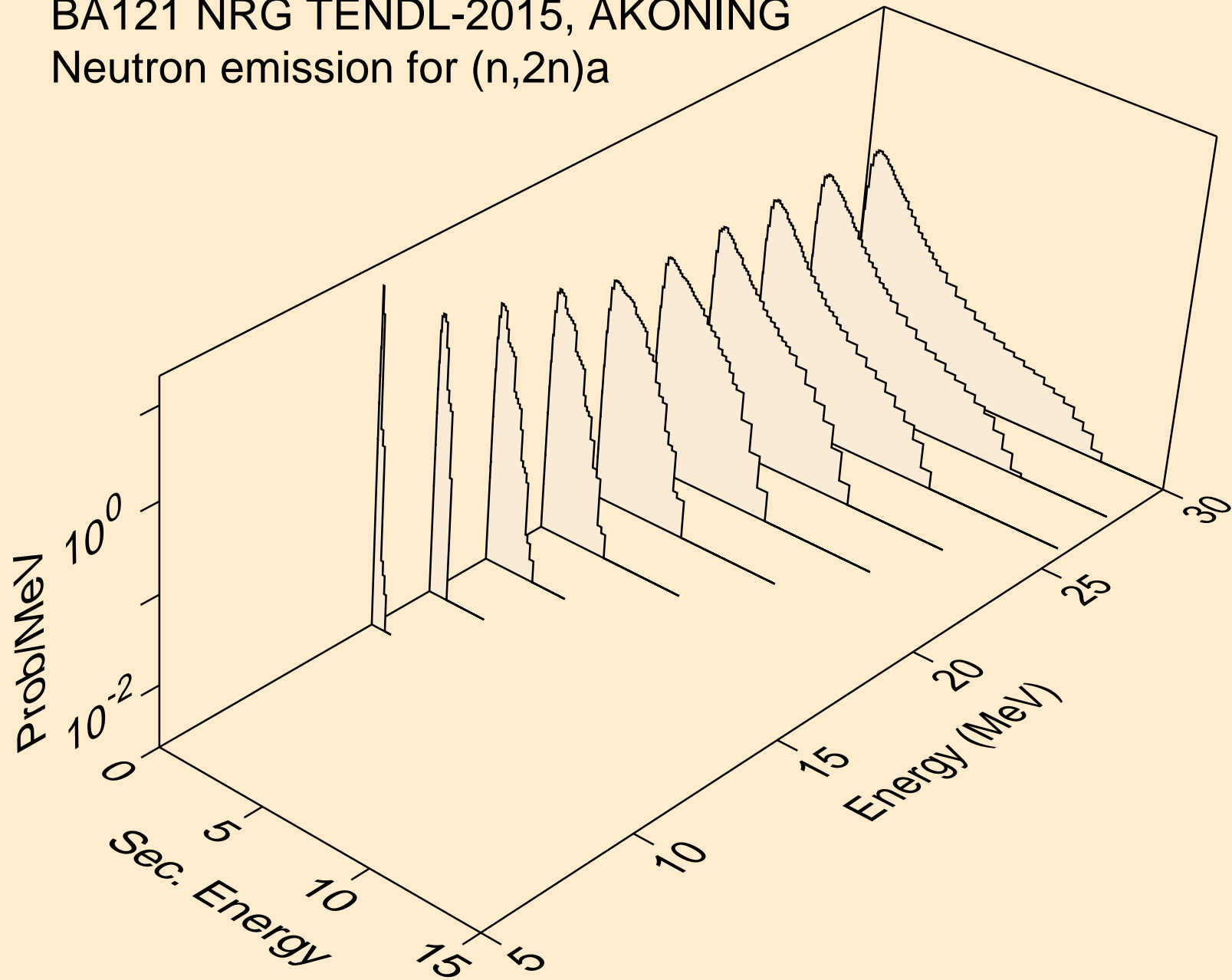
BA121 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



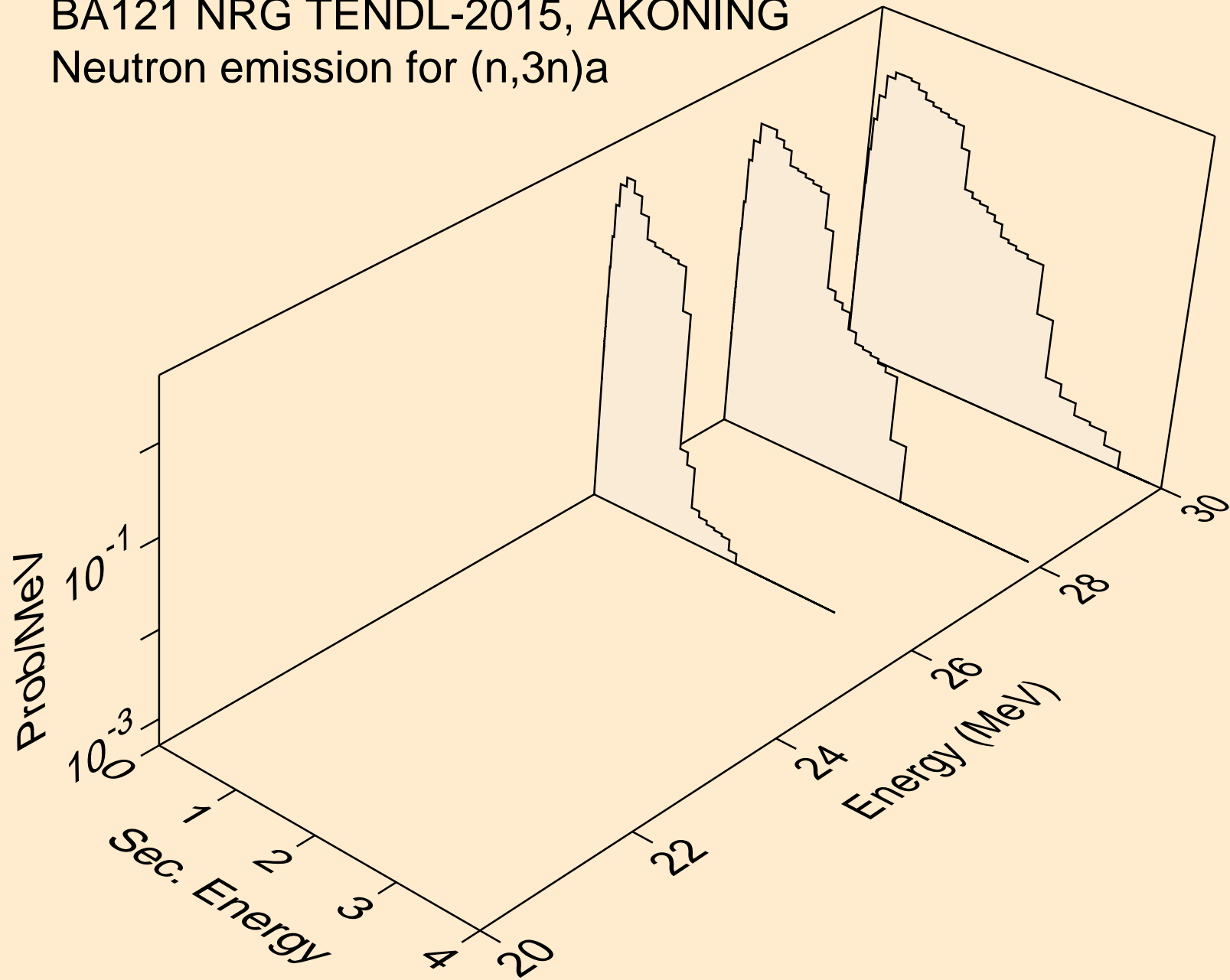
BA121 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)3a



BA121 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a

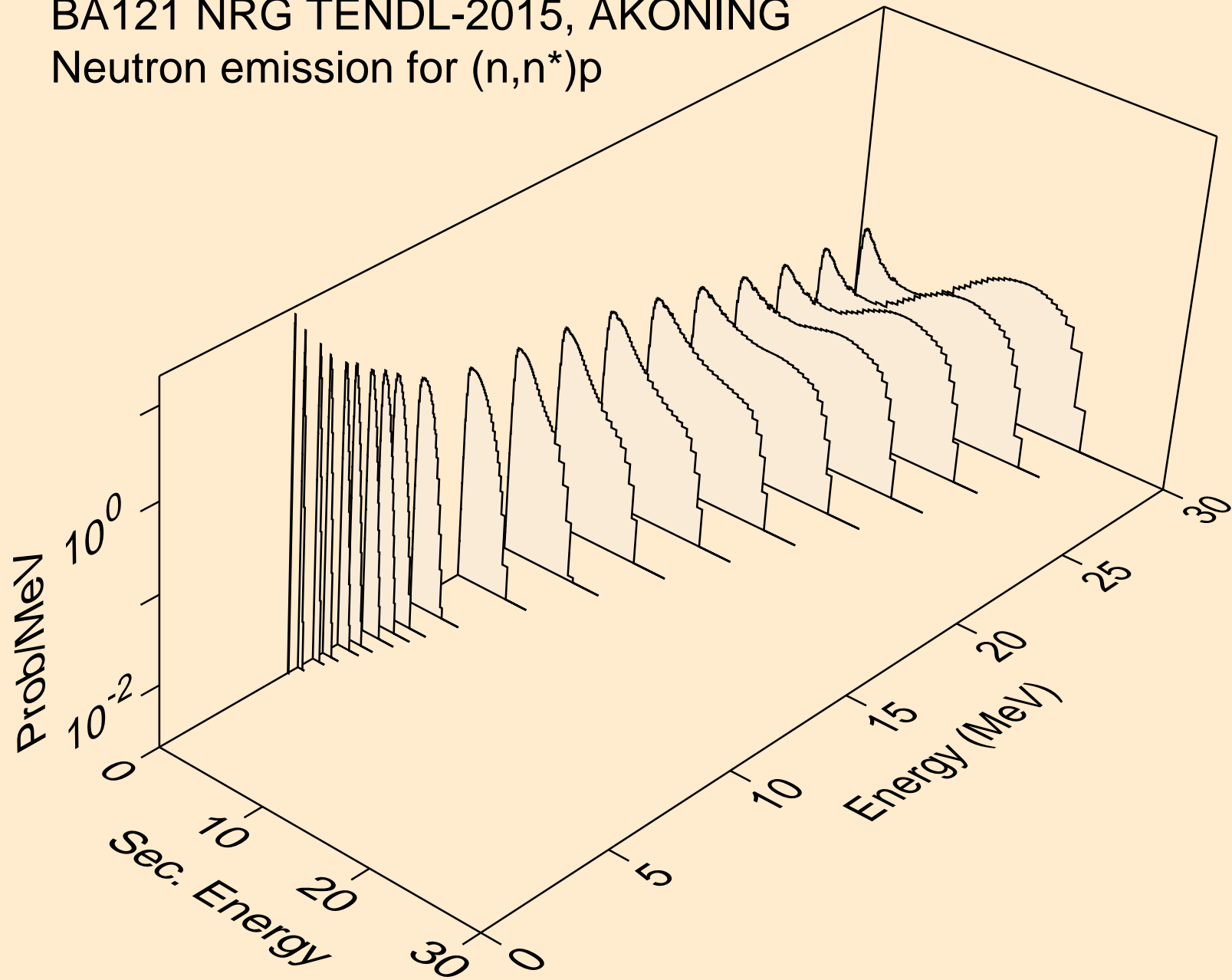


BA121 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

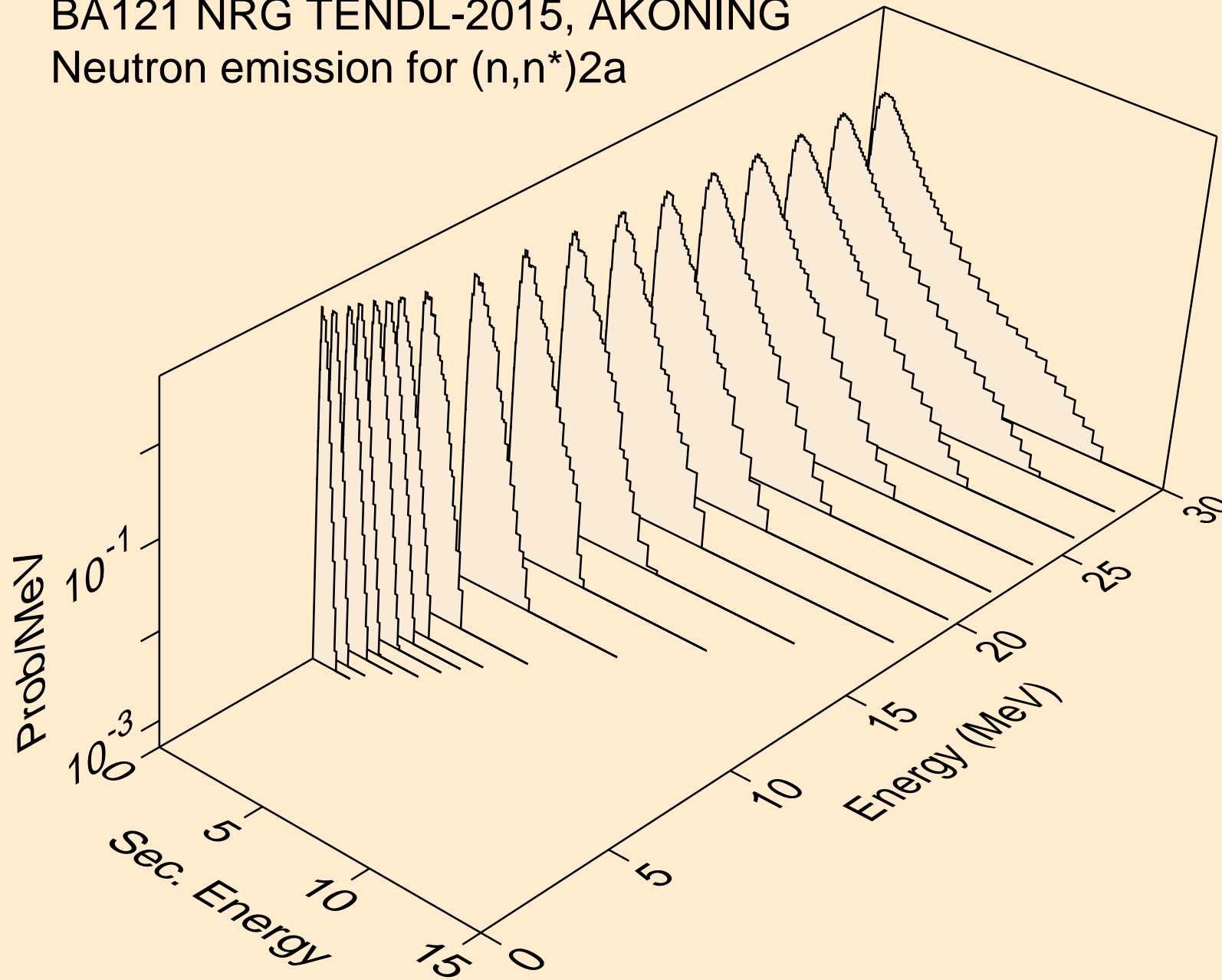




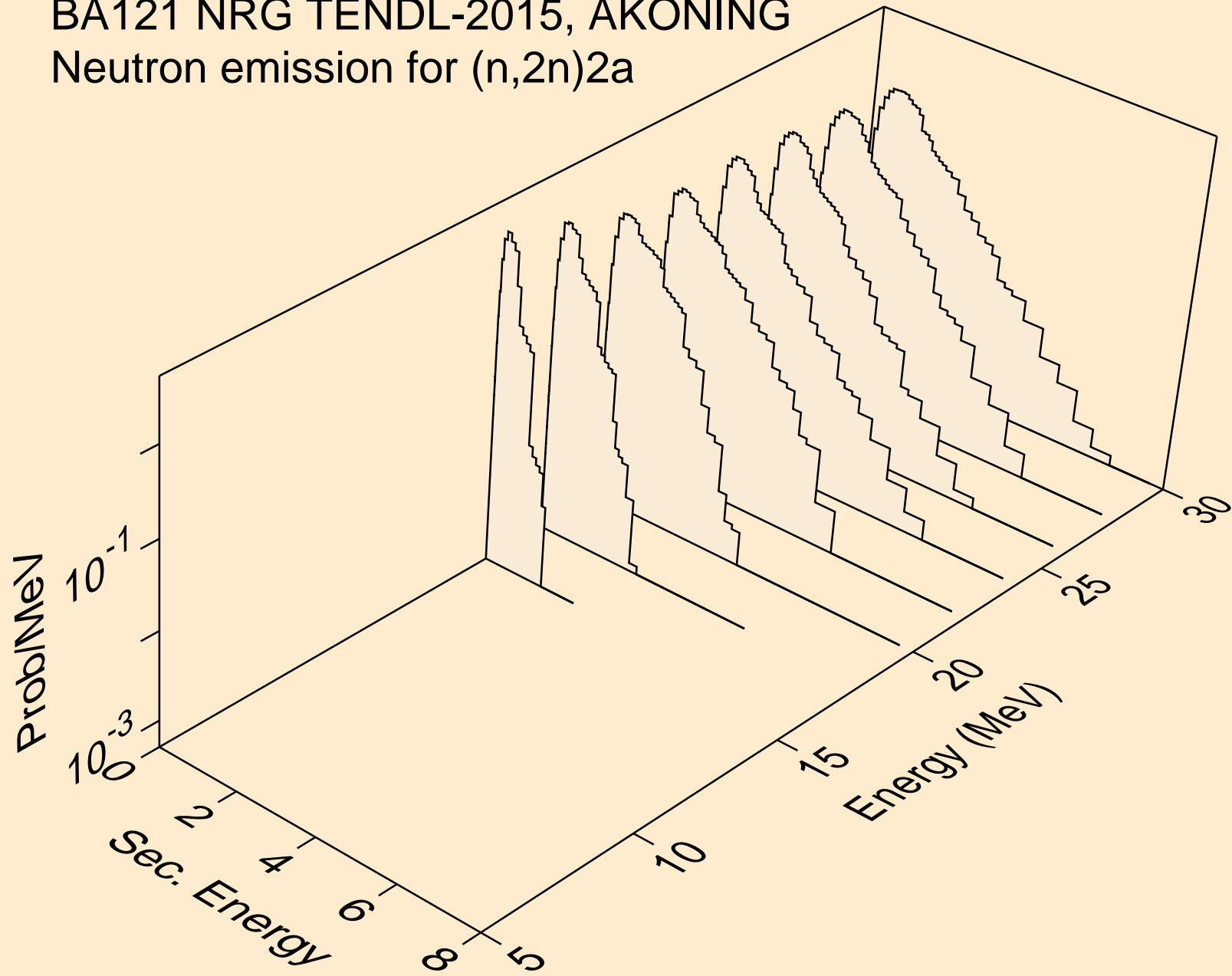
BA121 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



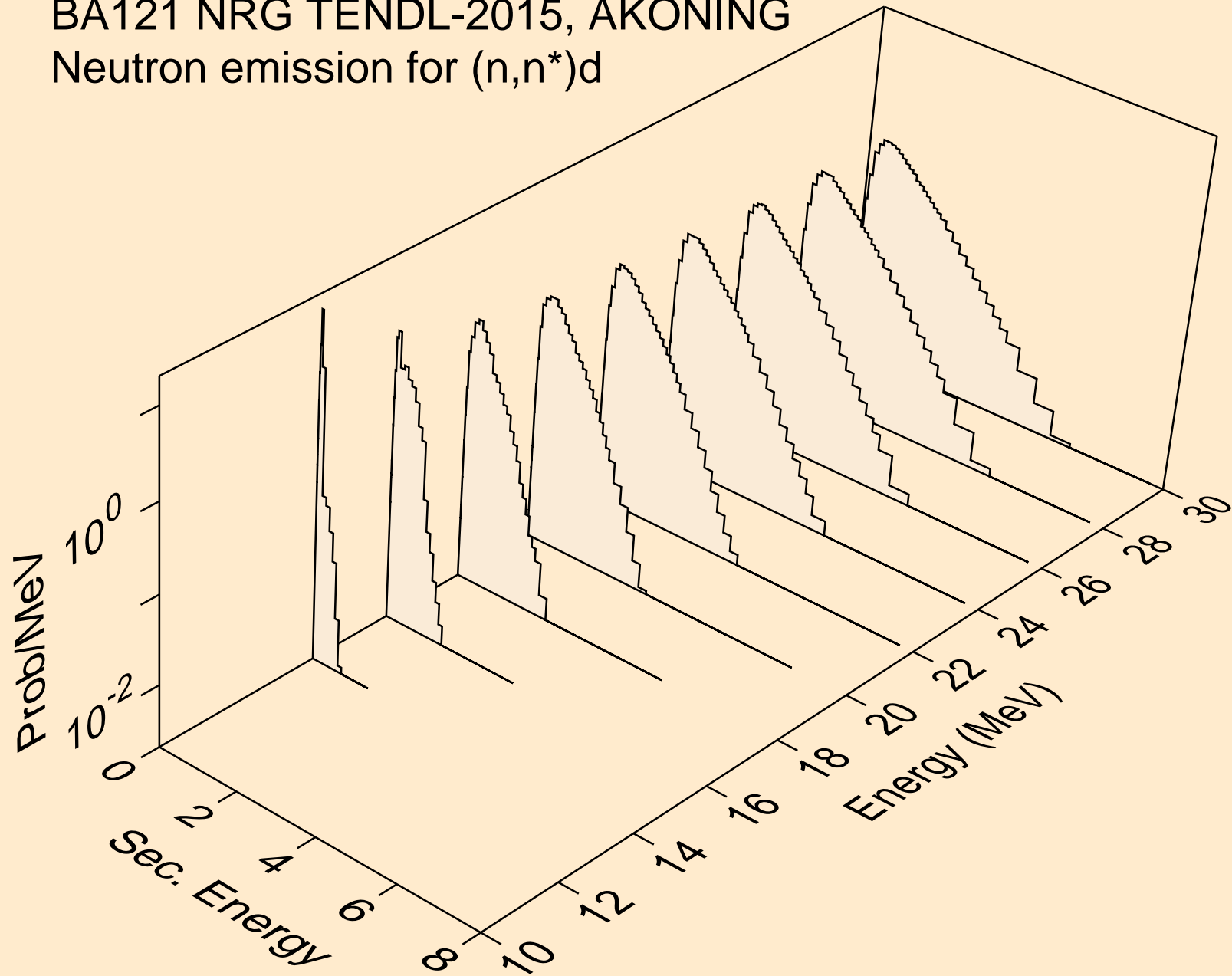
BA121 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



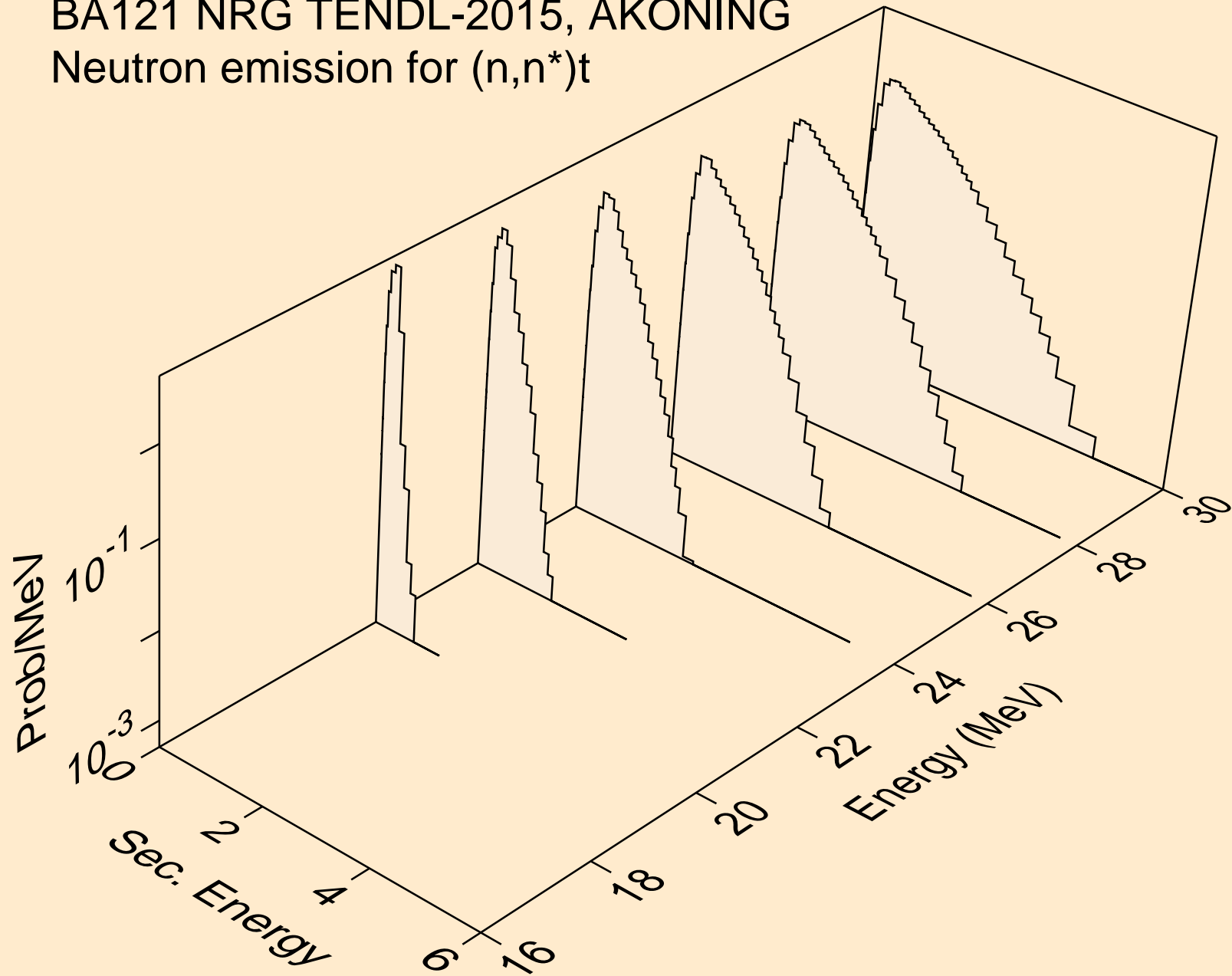
BA121 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



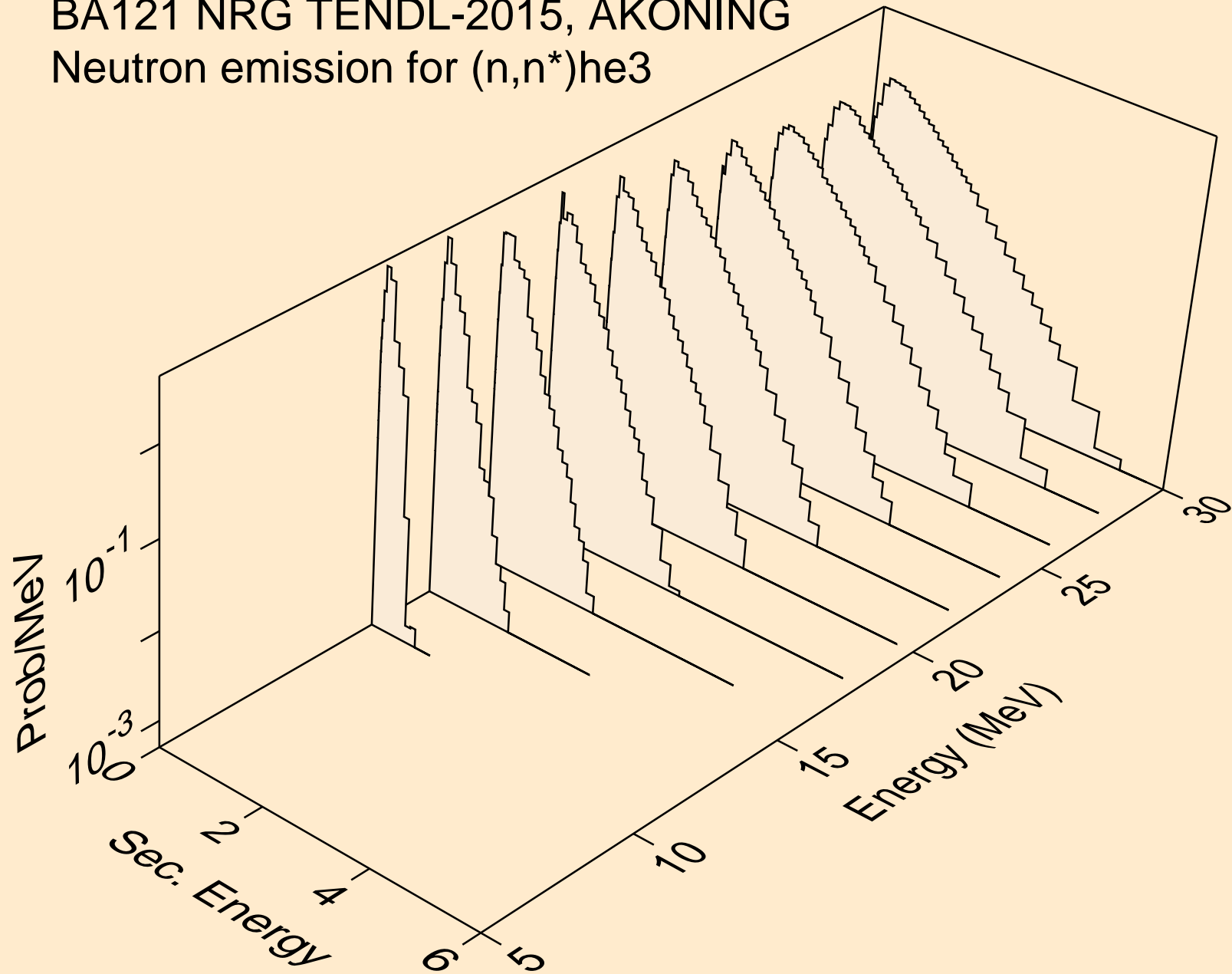
BA121 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



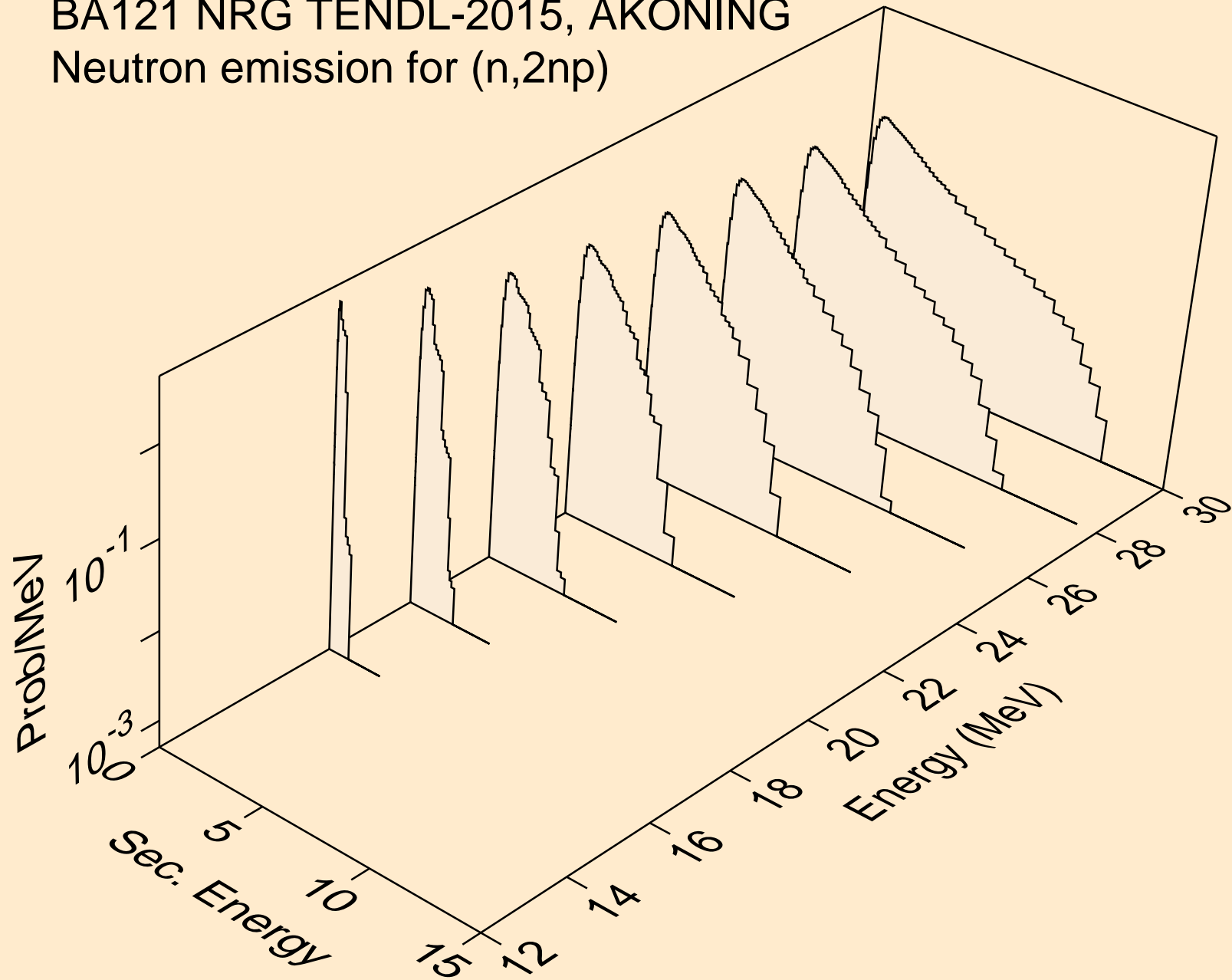
BA121 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



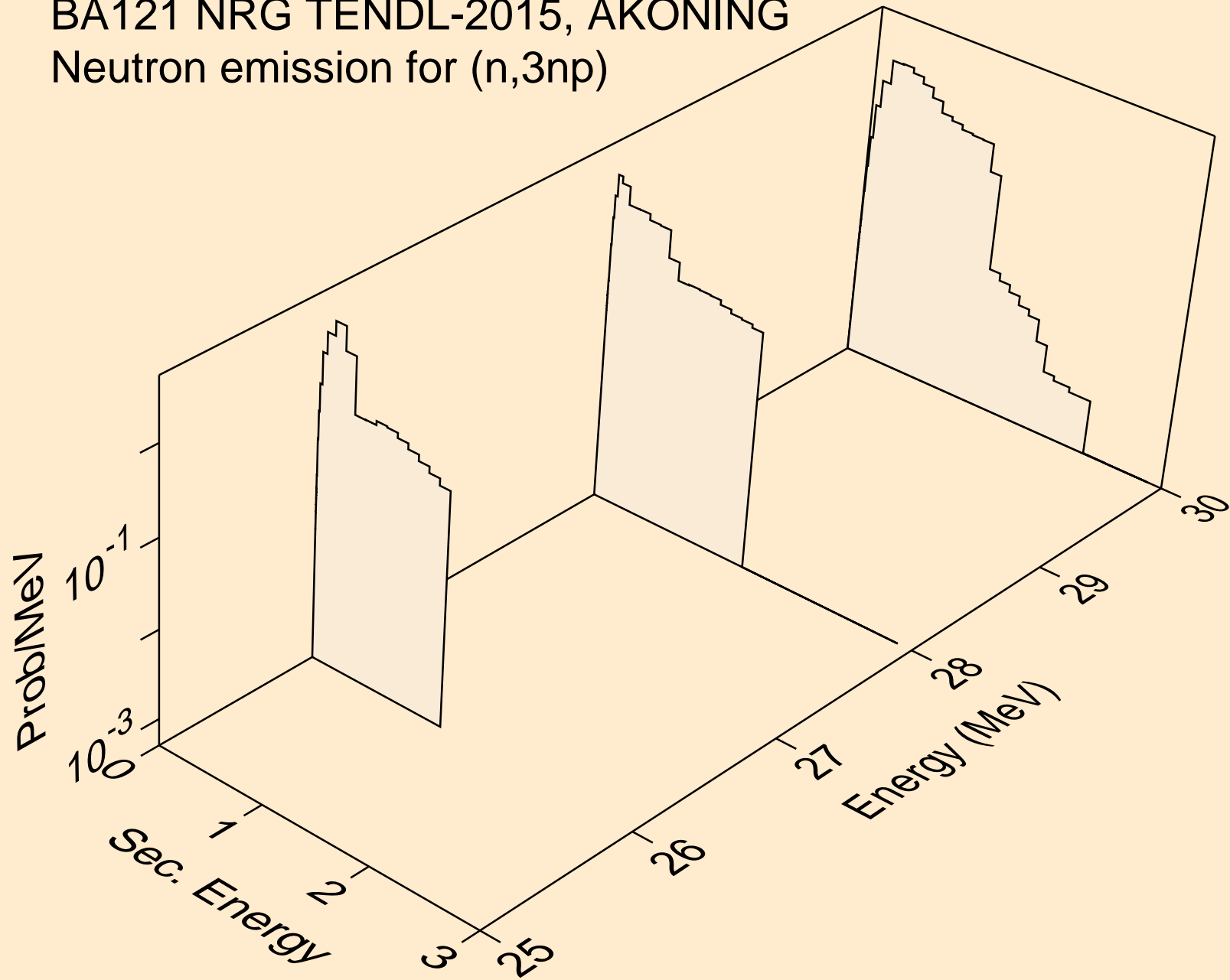
BA121 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



BA121 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

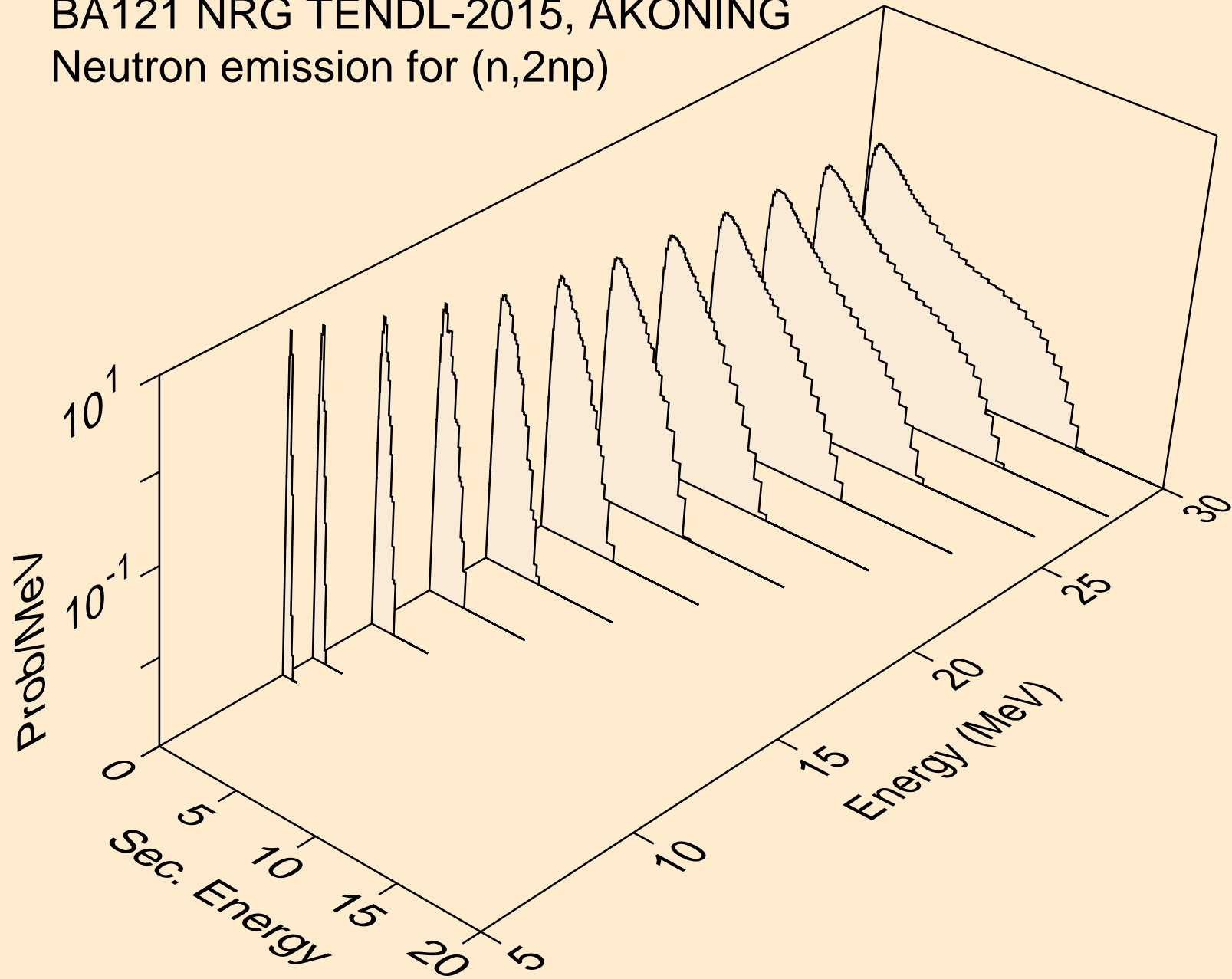


BA121 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

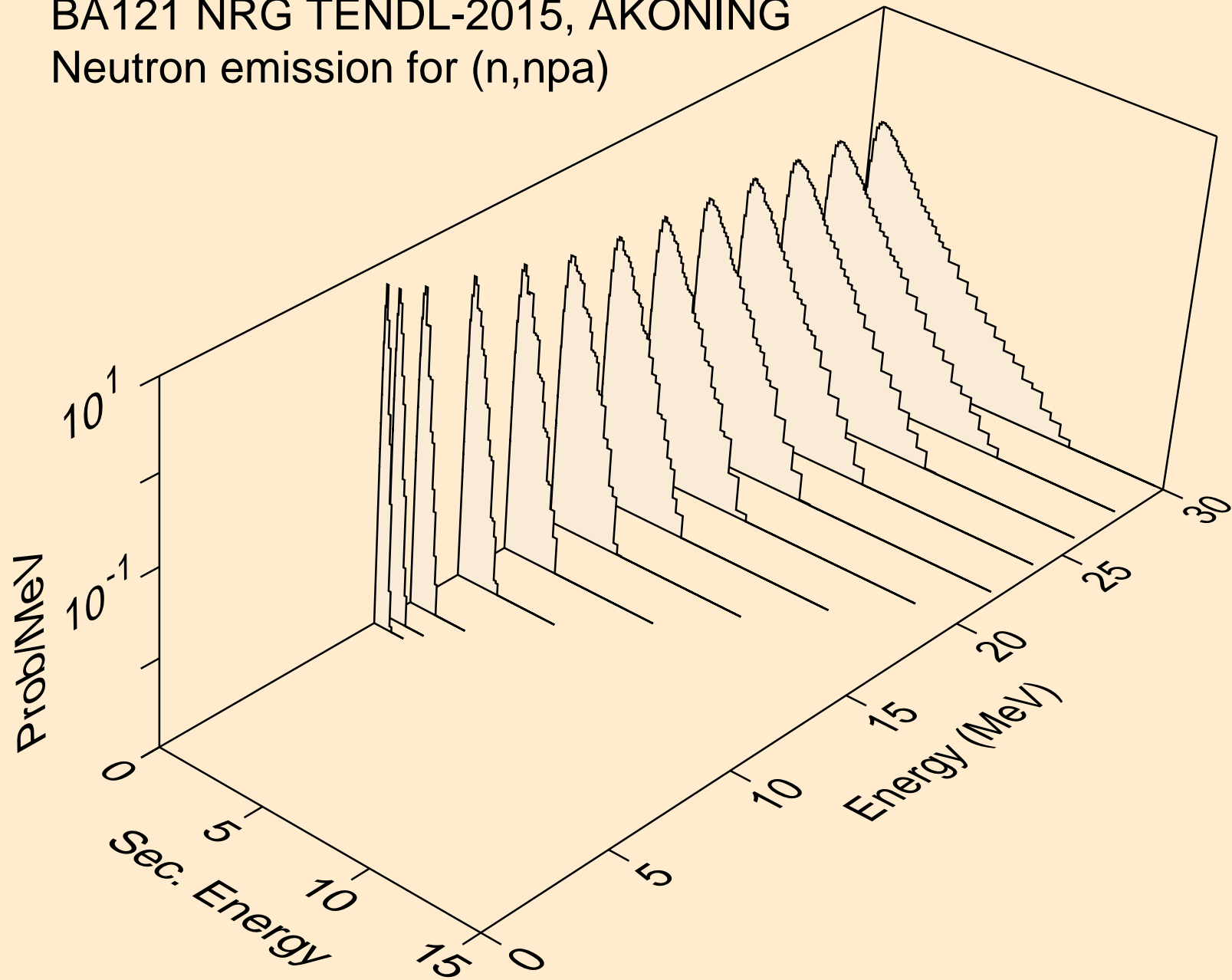




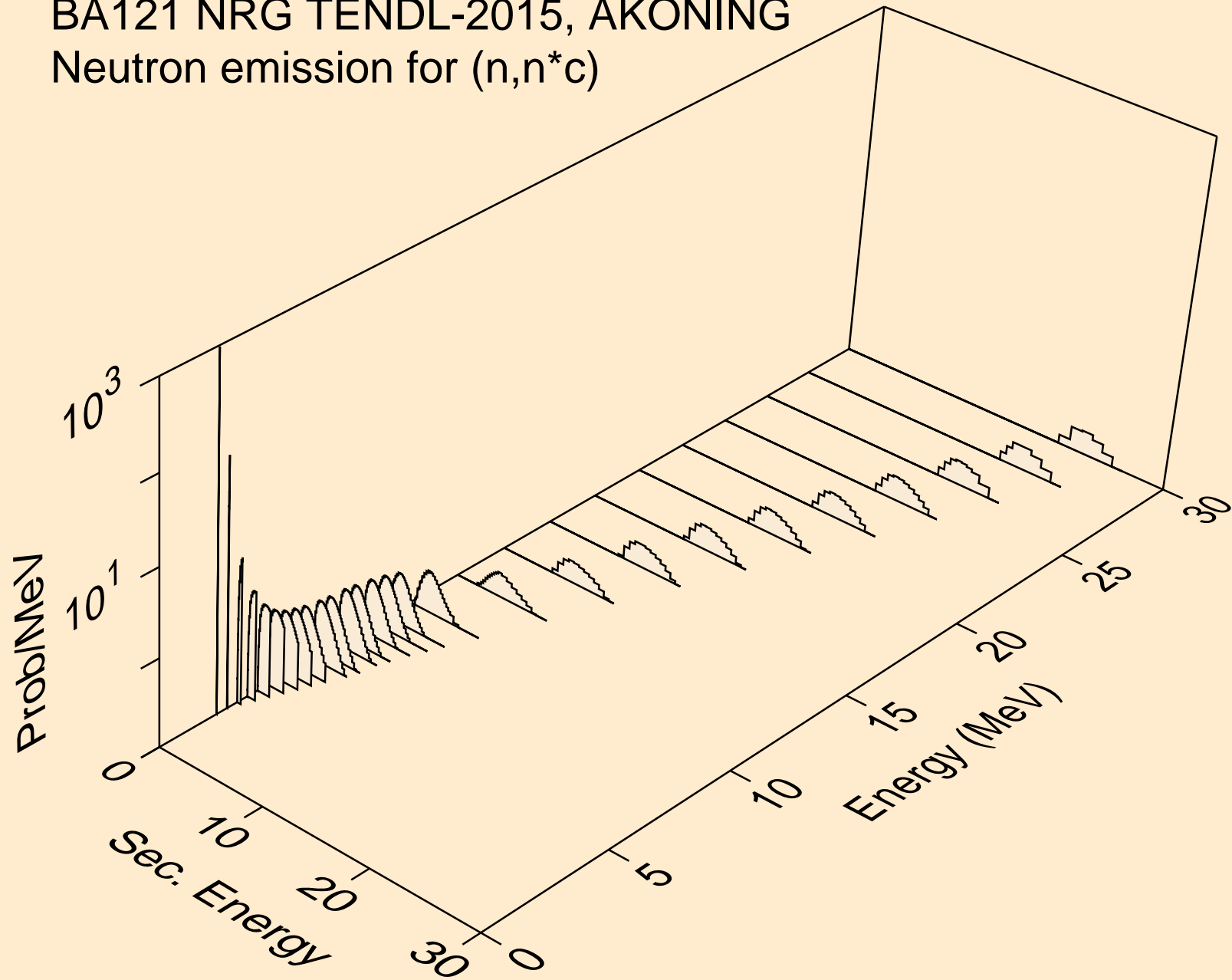
BA121 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



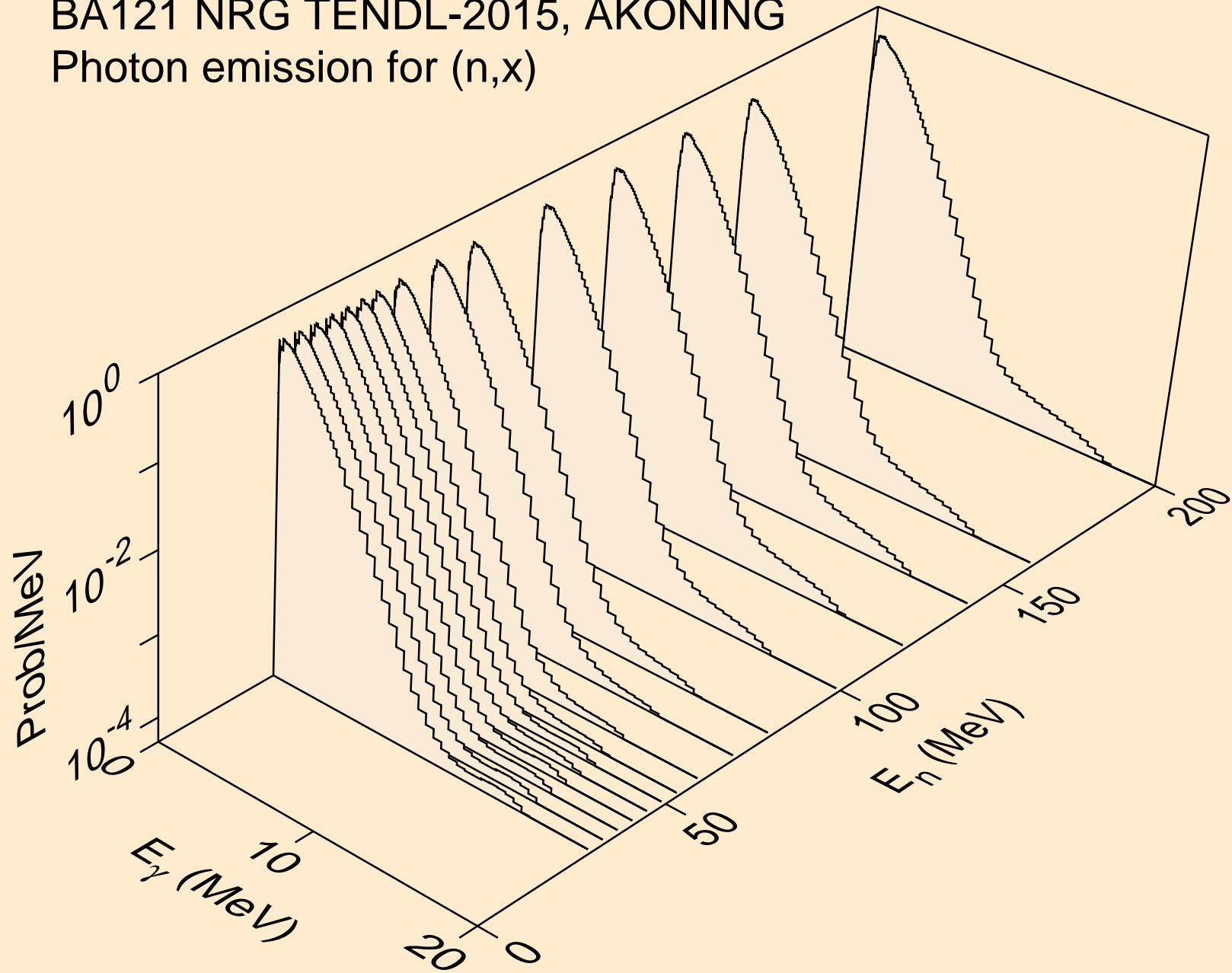
BA121 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



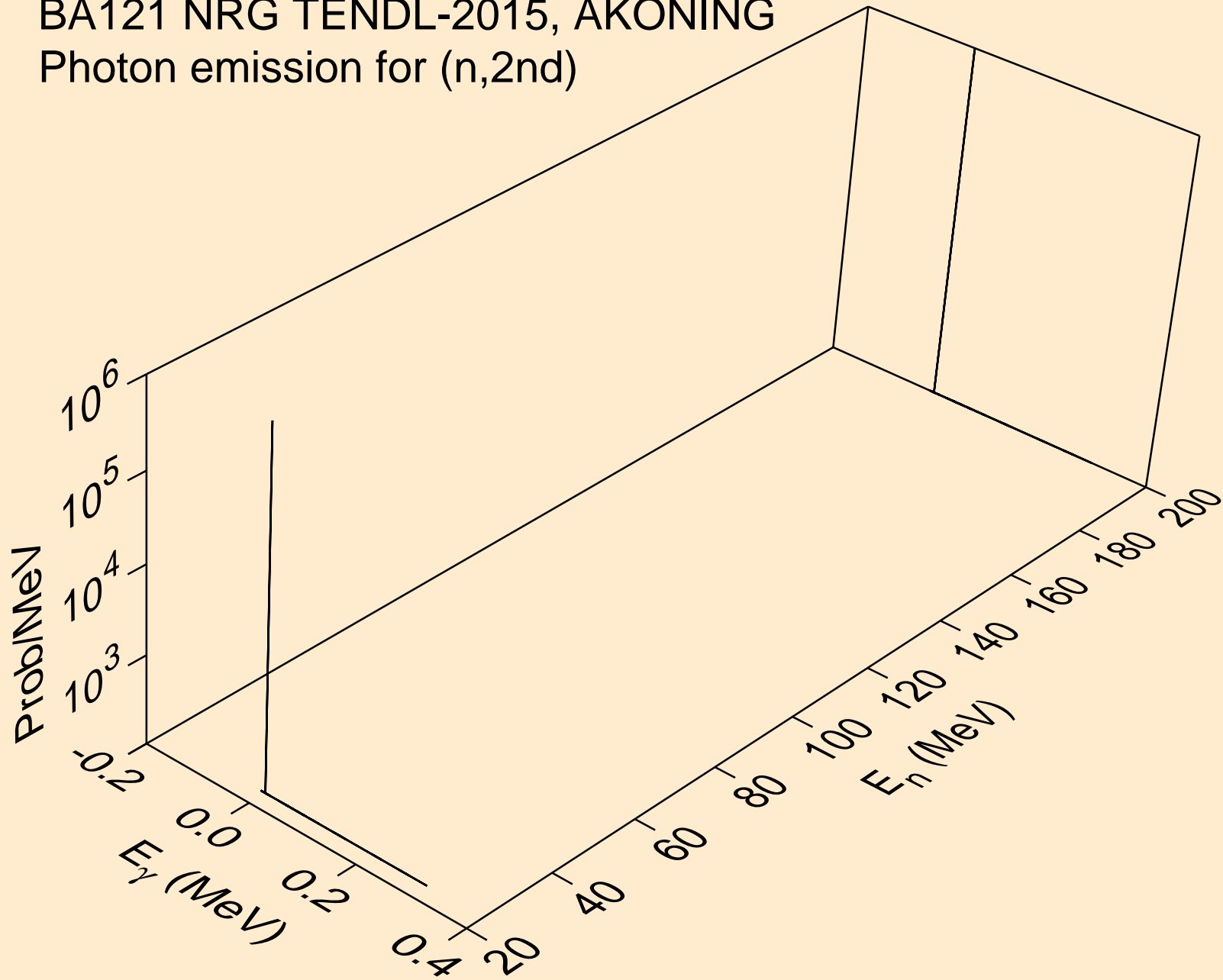
BA121 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



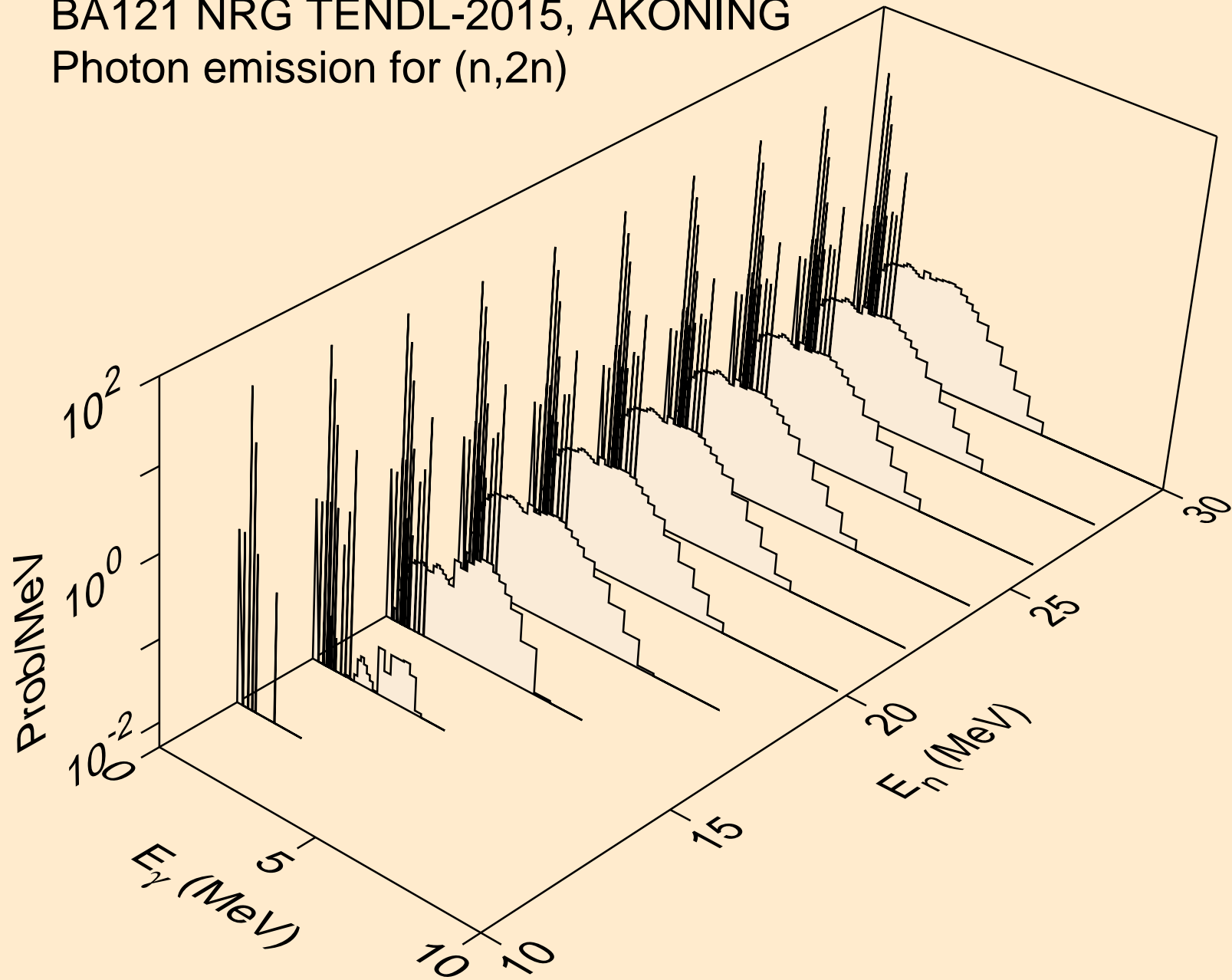
BA121 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



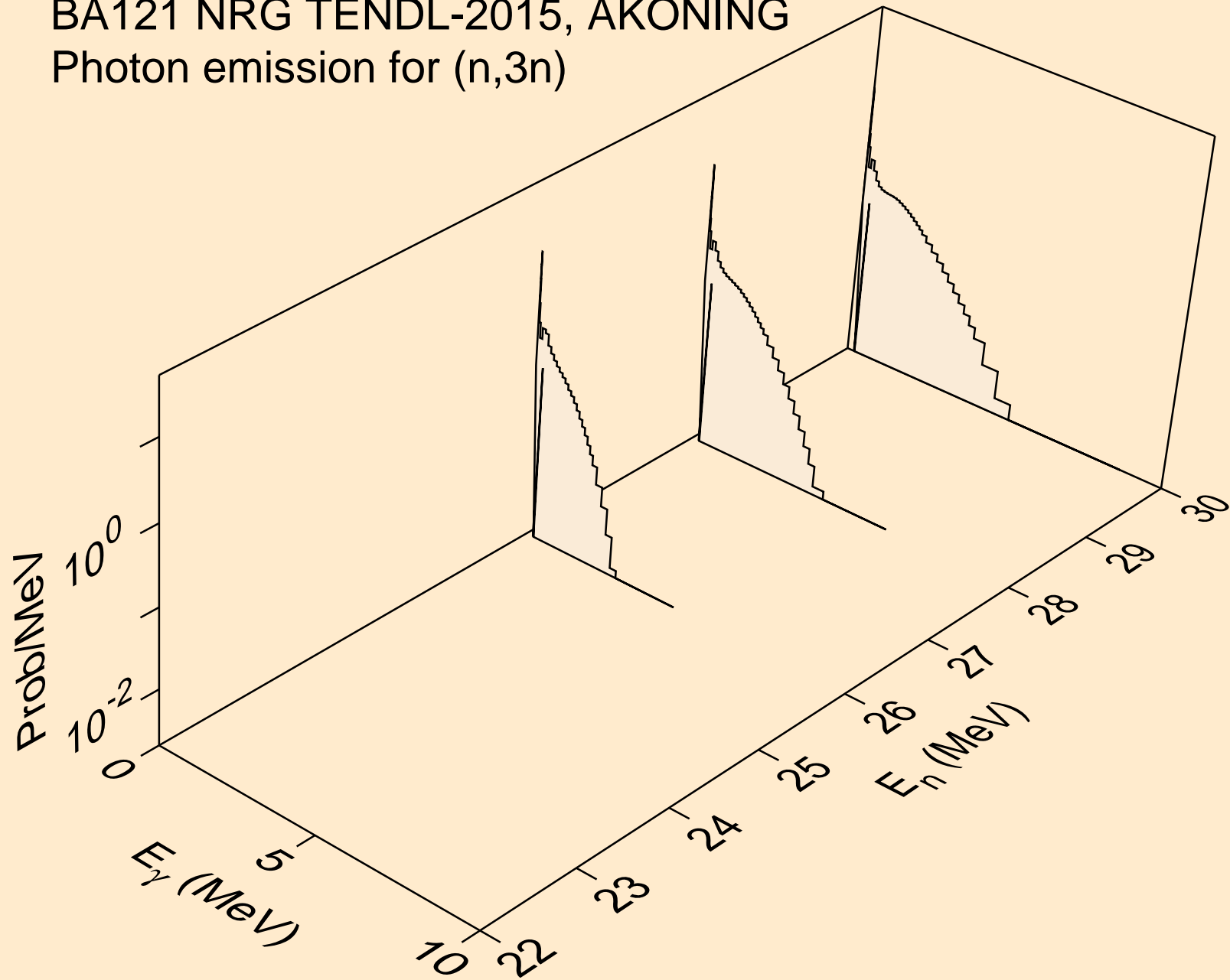
BA121 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



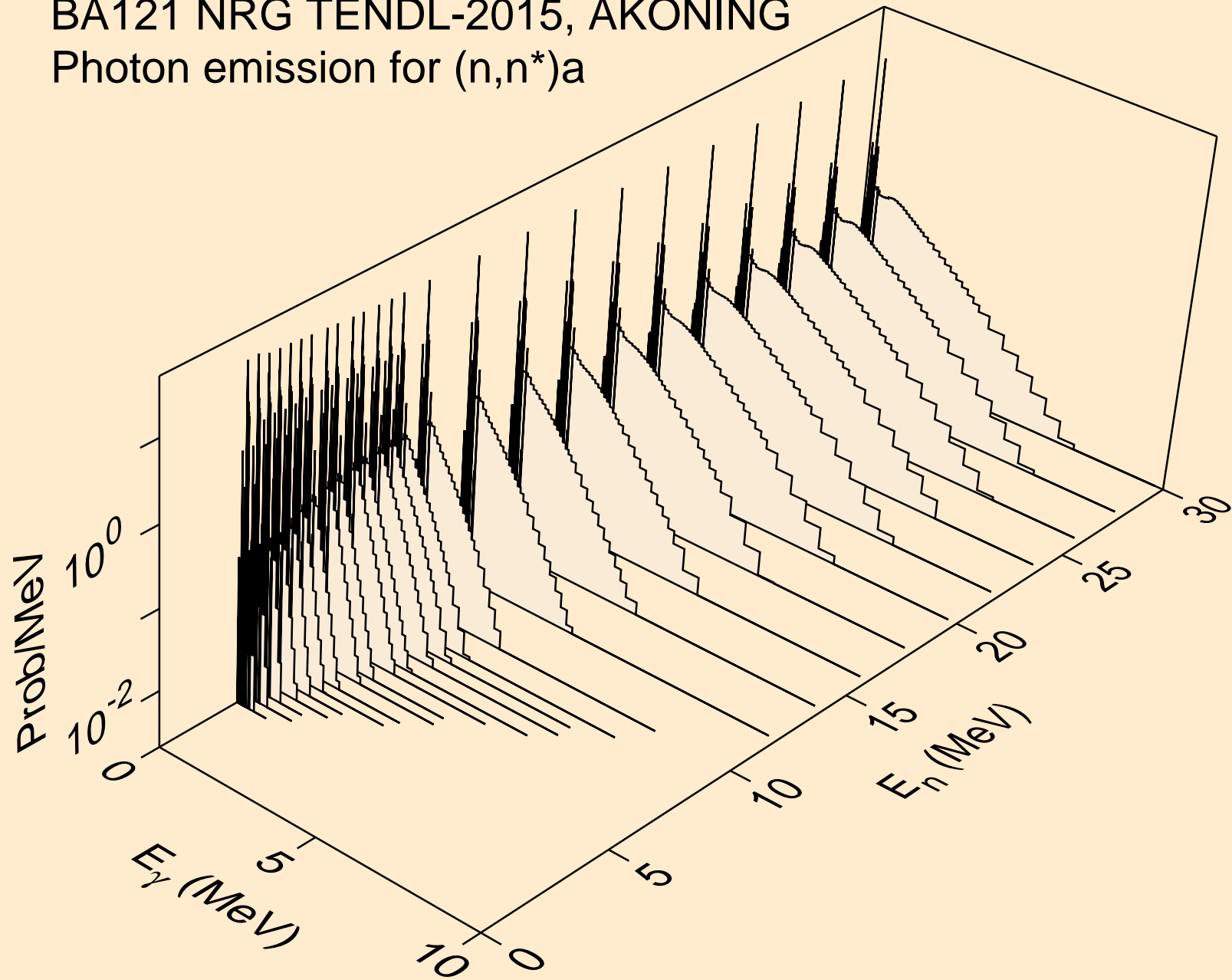
BA121 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



BA121 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

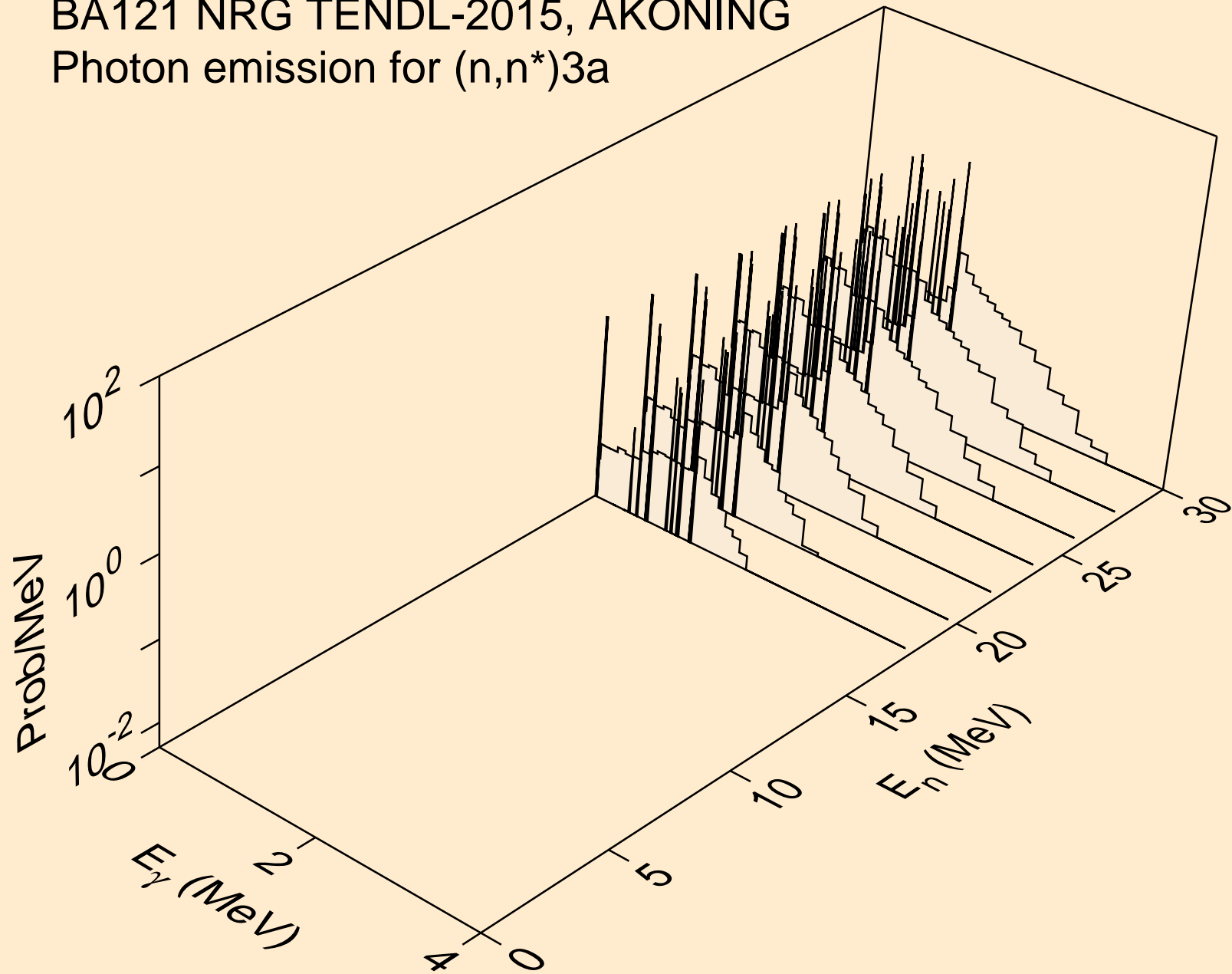


BA121 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

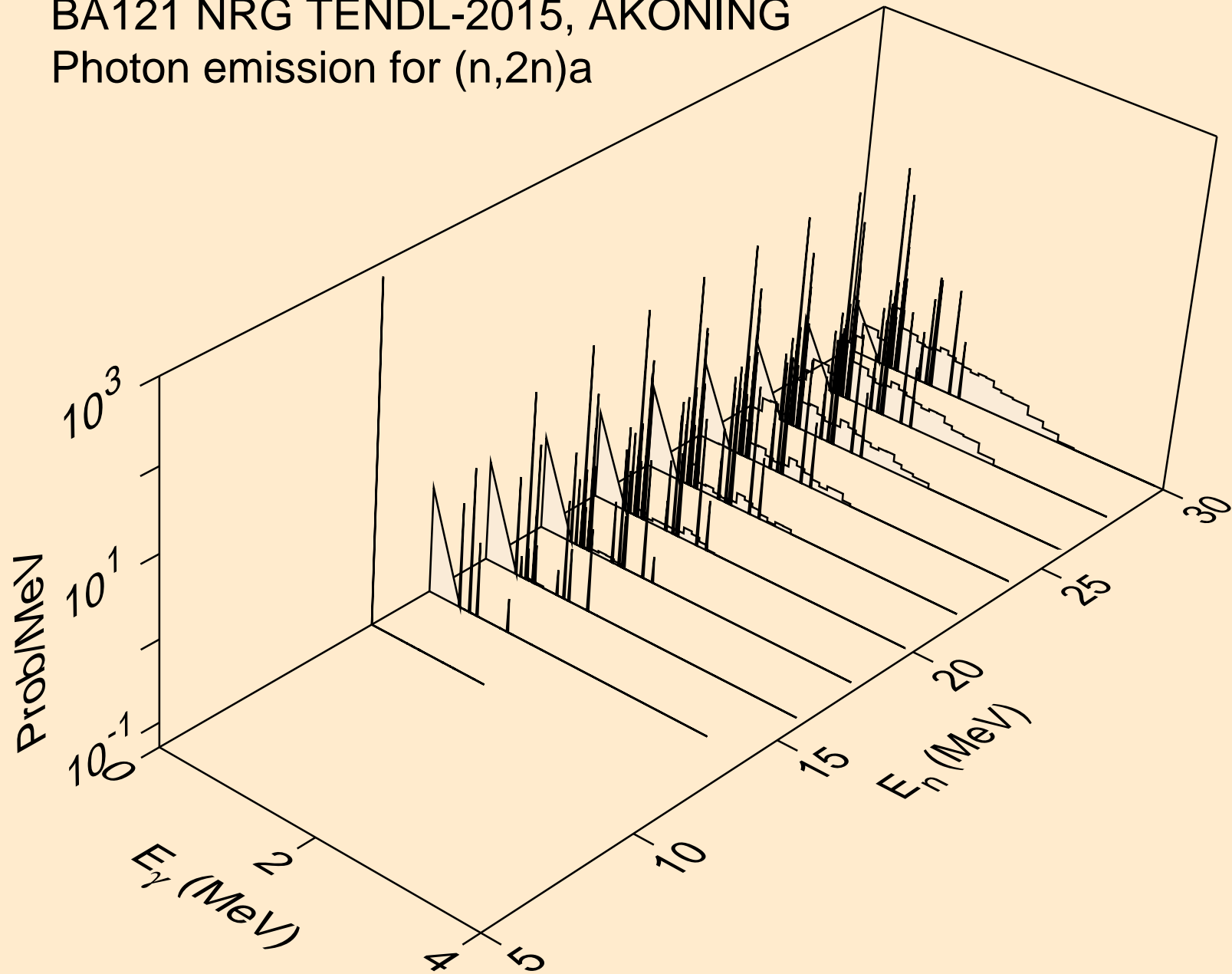




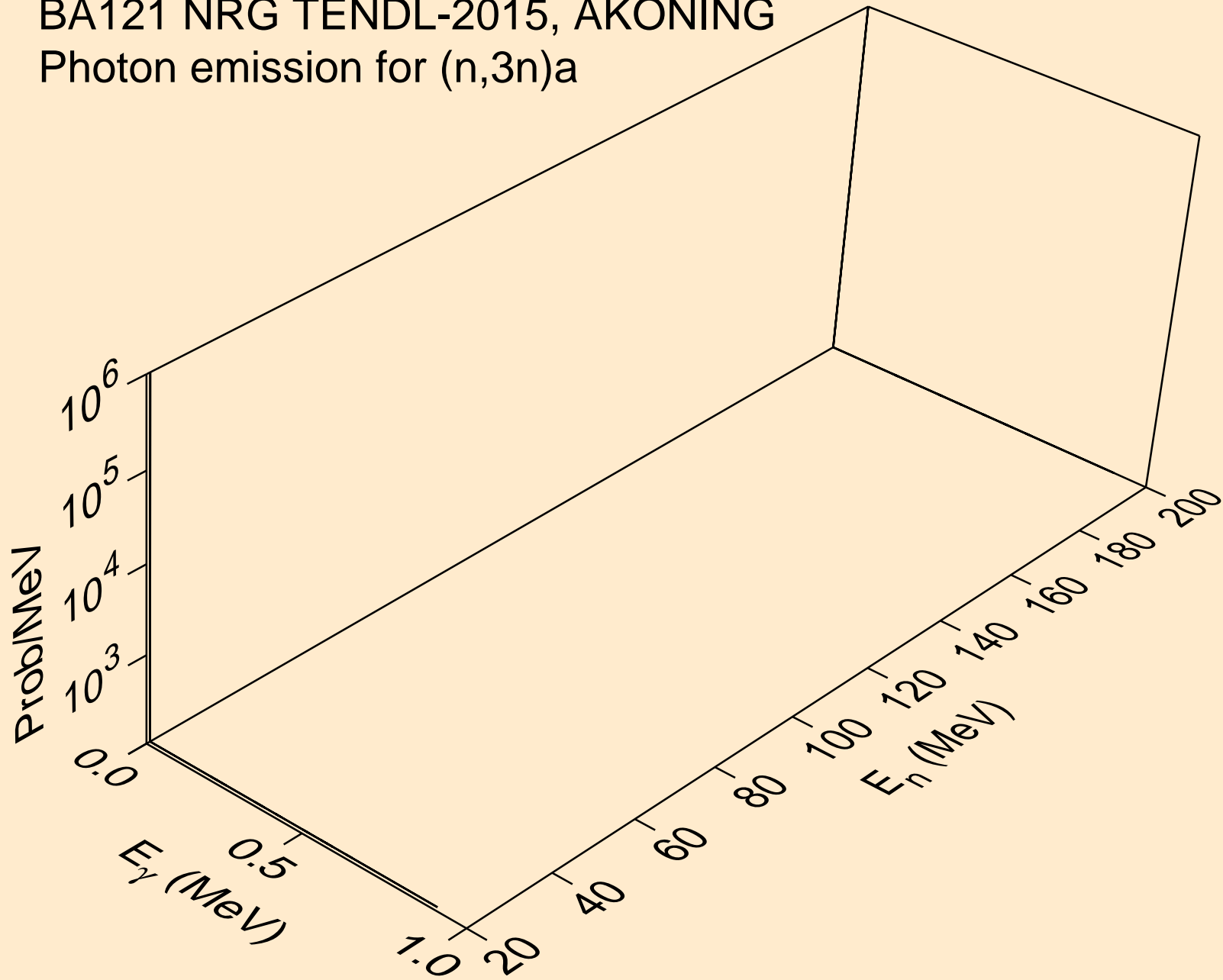
BA121 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)3a



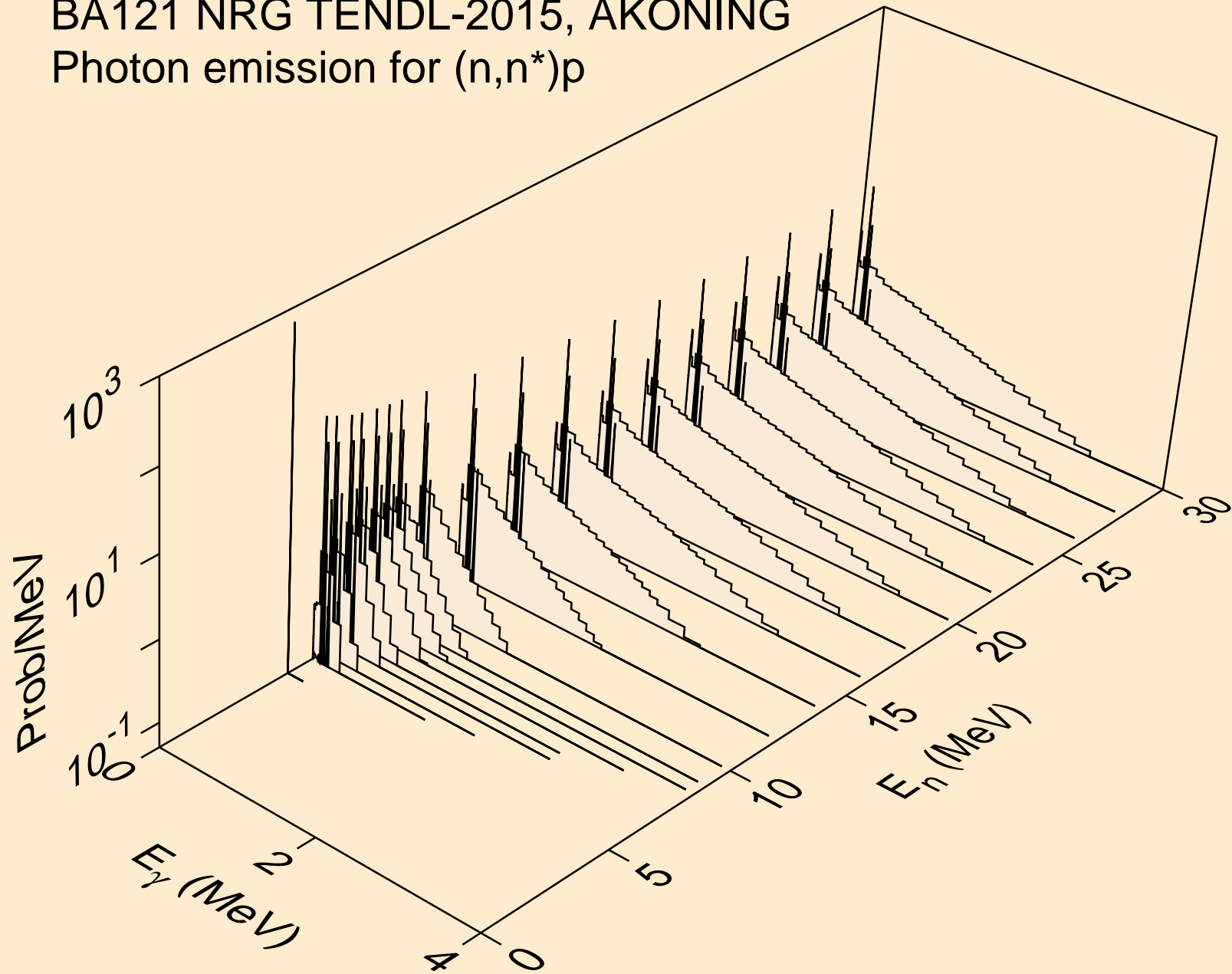
BA121 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



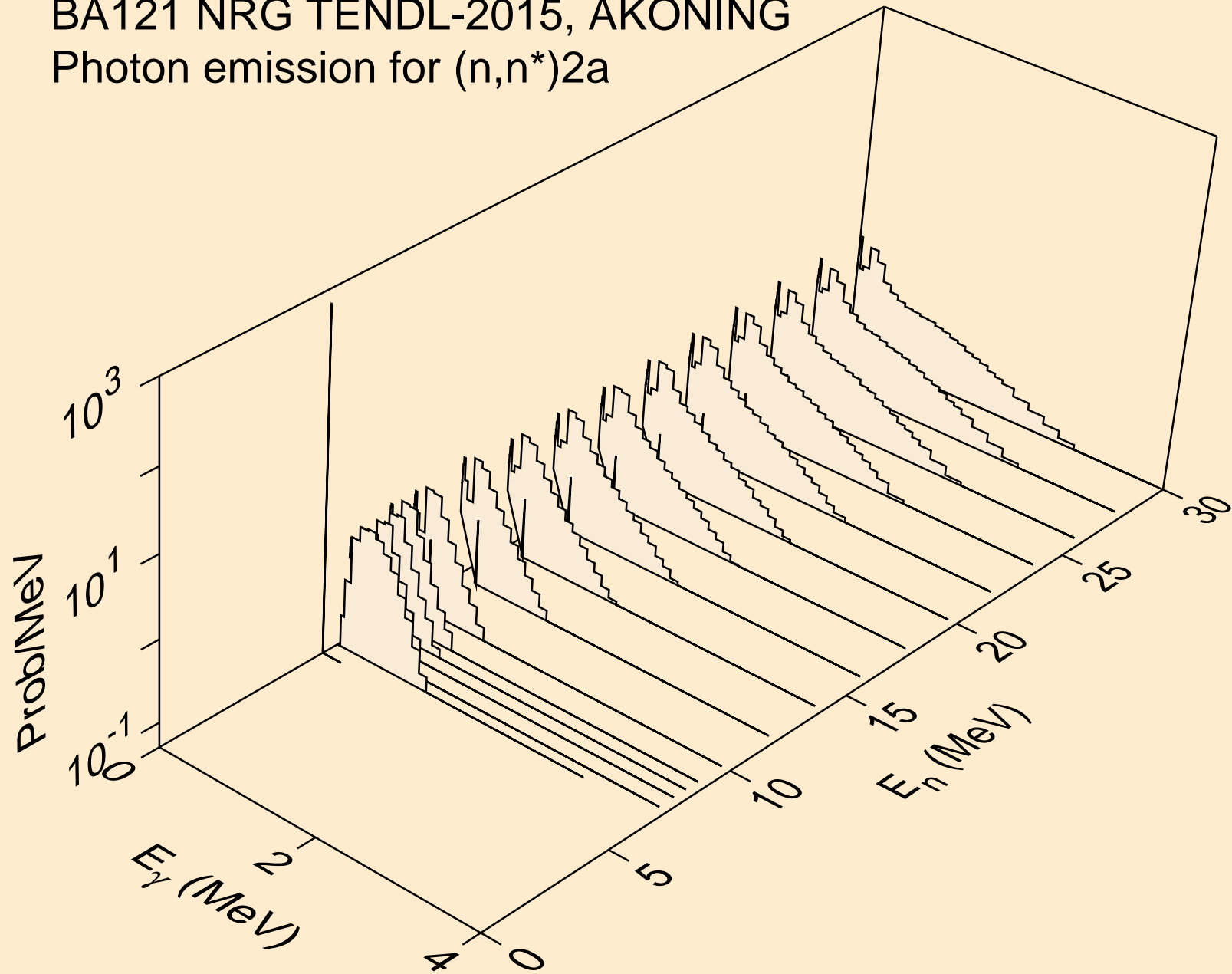
BA121 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



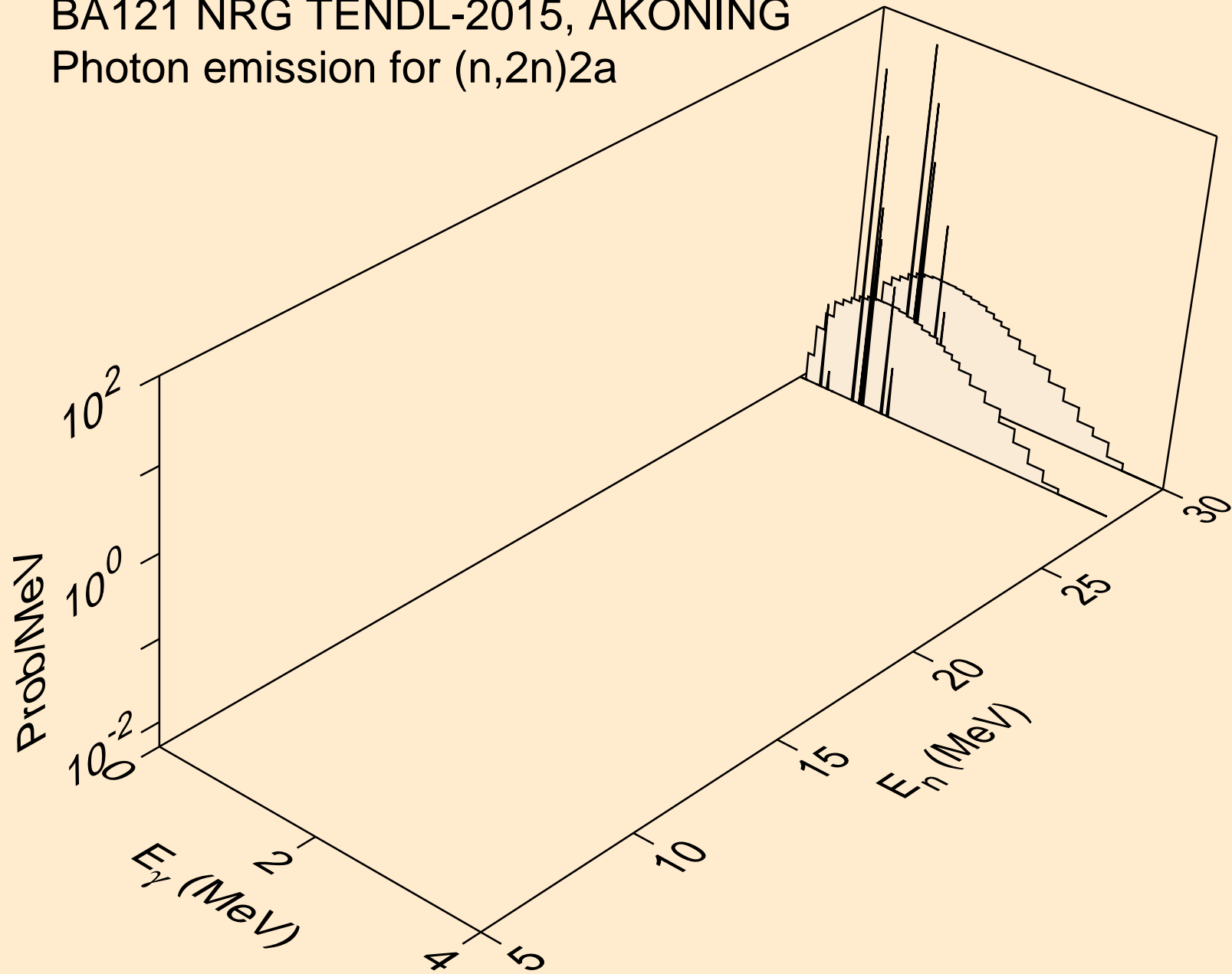
BA121 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



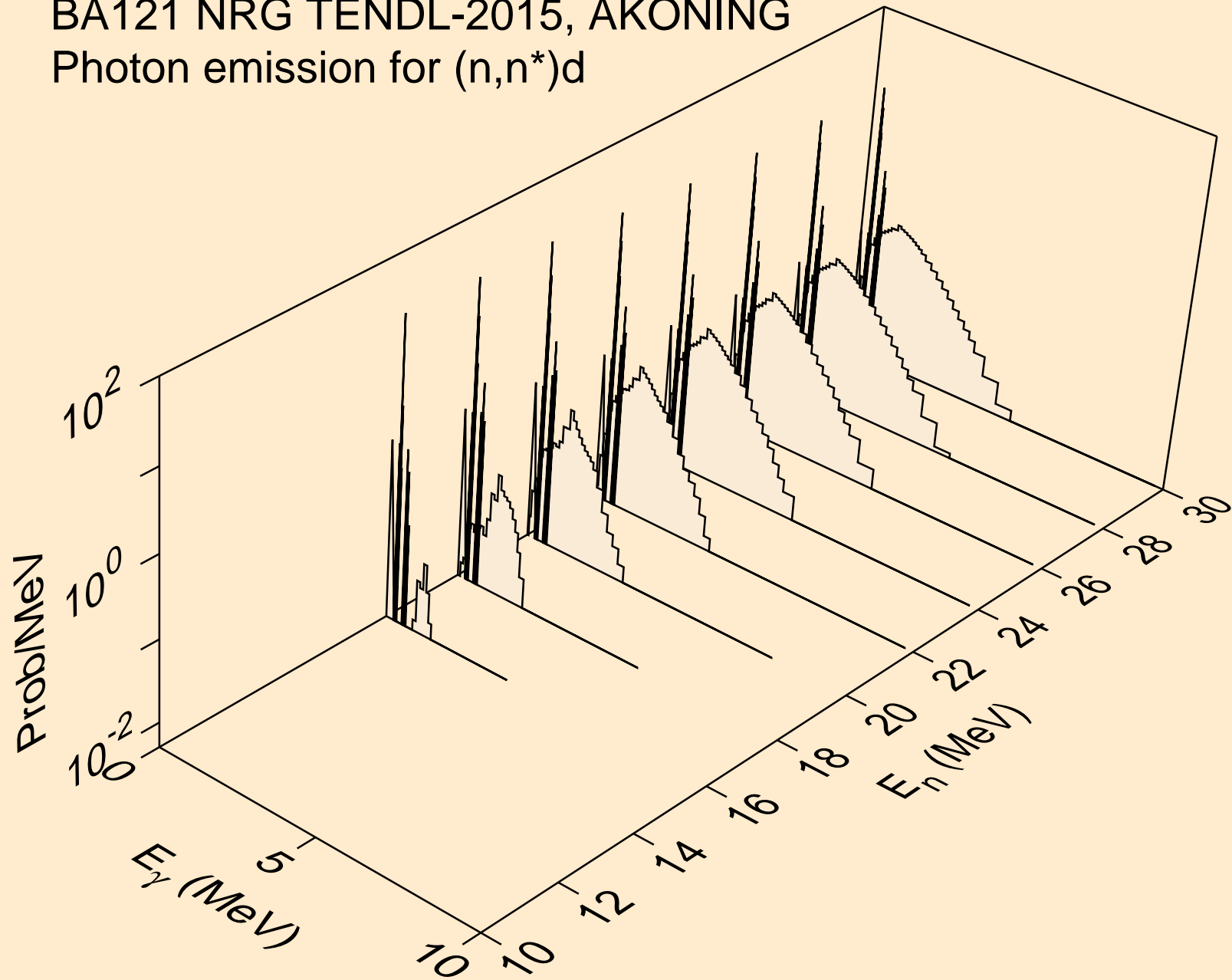
BA121 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



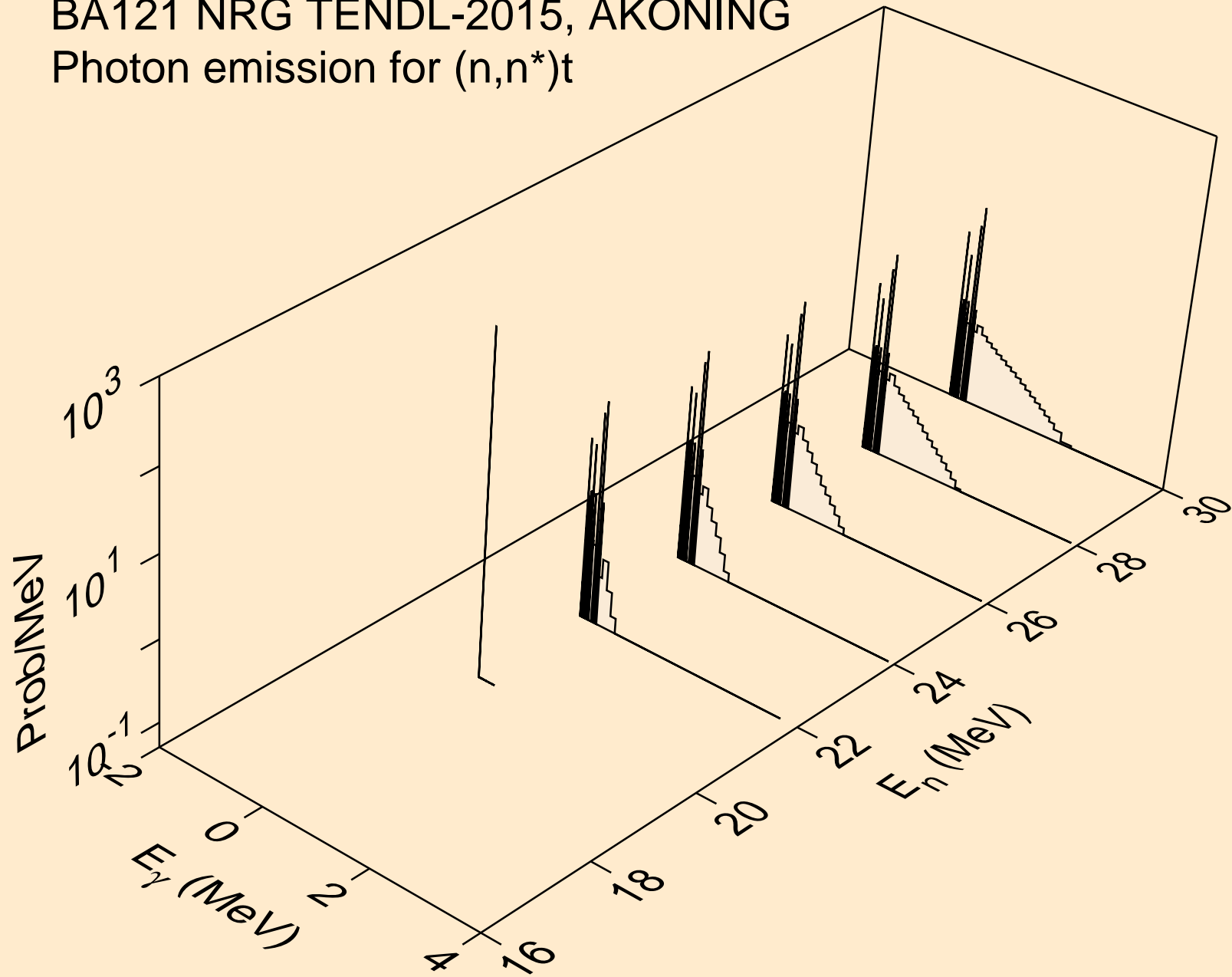
BA121 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



BA121 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d

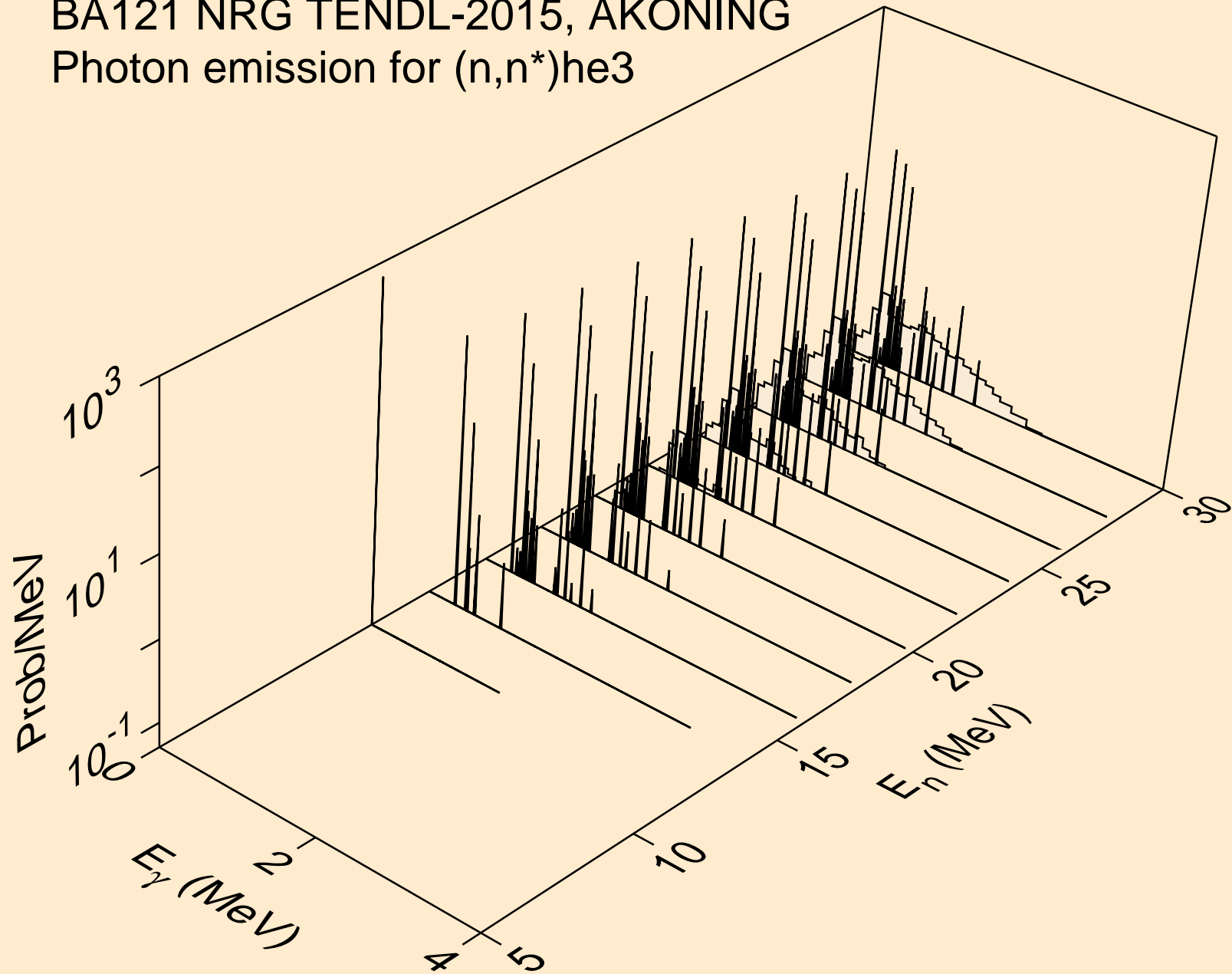


BA121 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

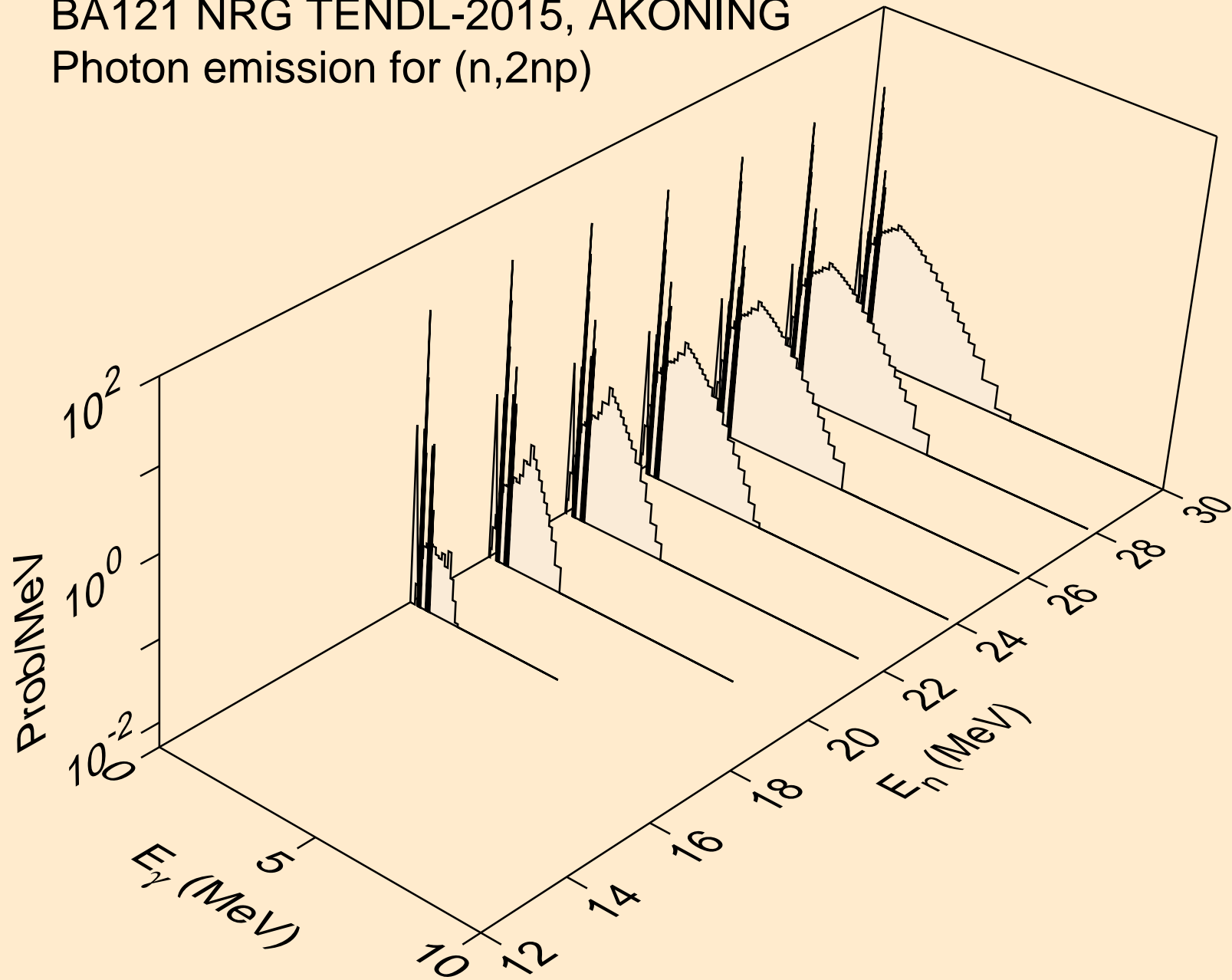




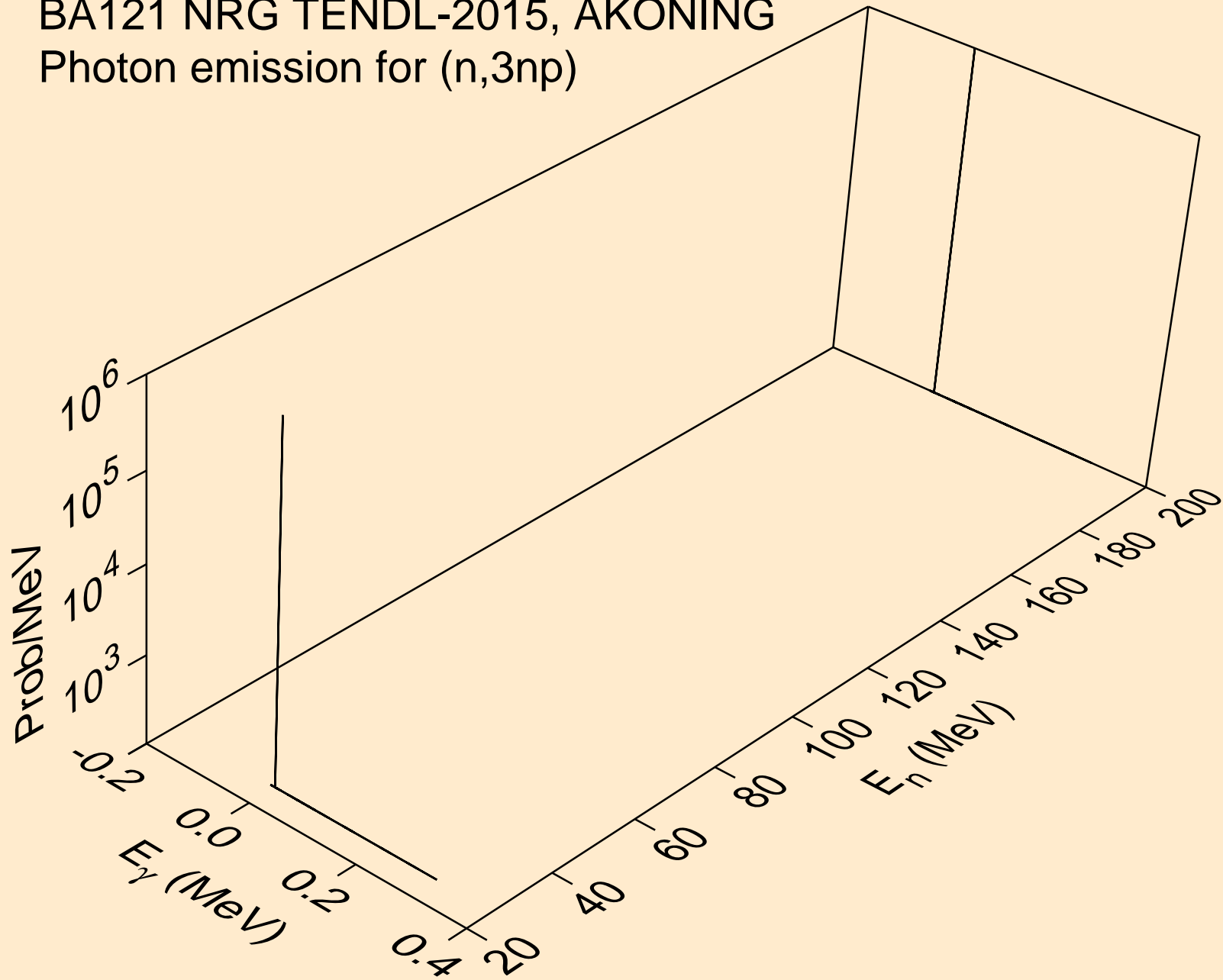
BA121 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



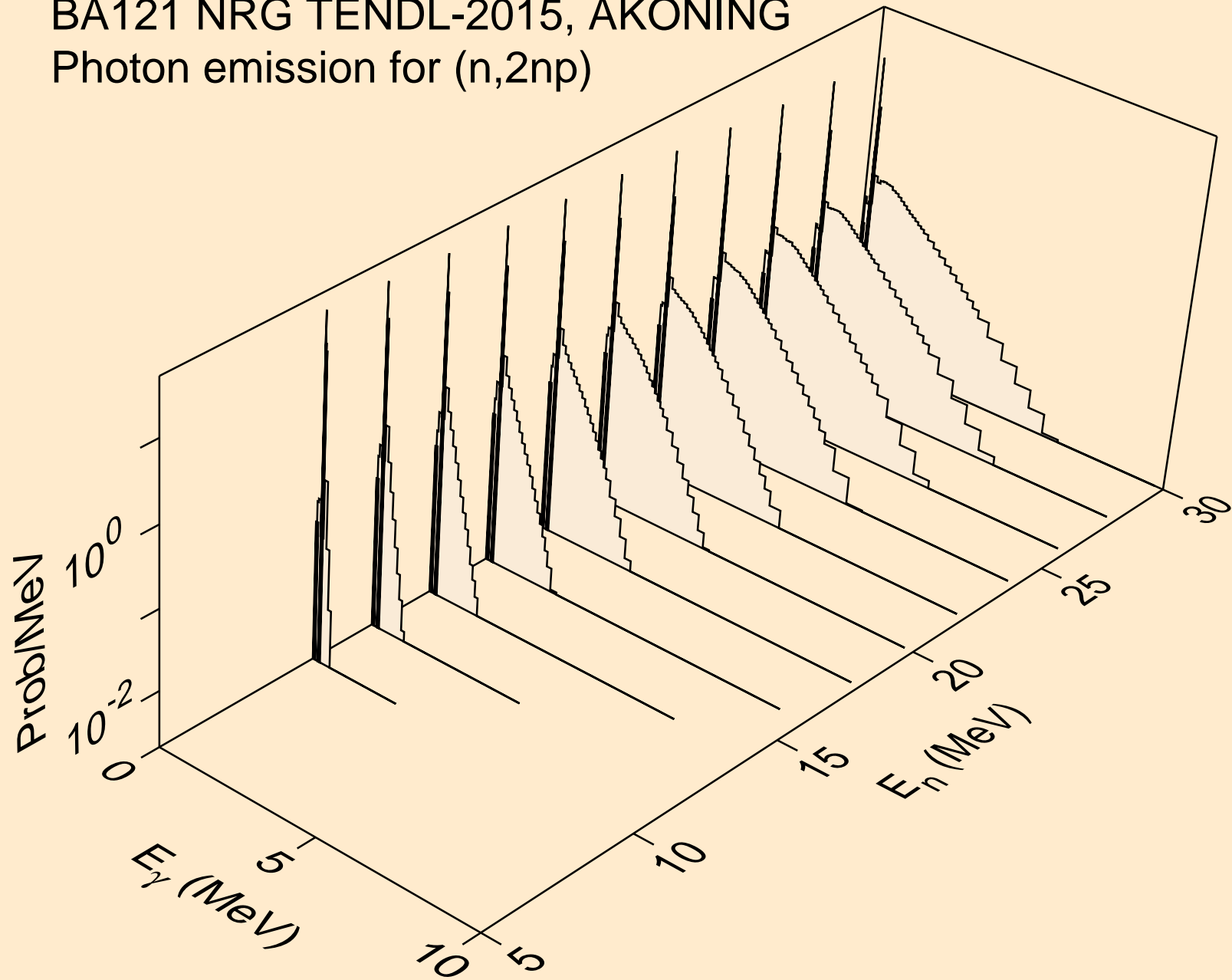
BA121 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



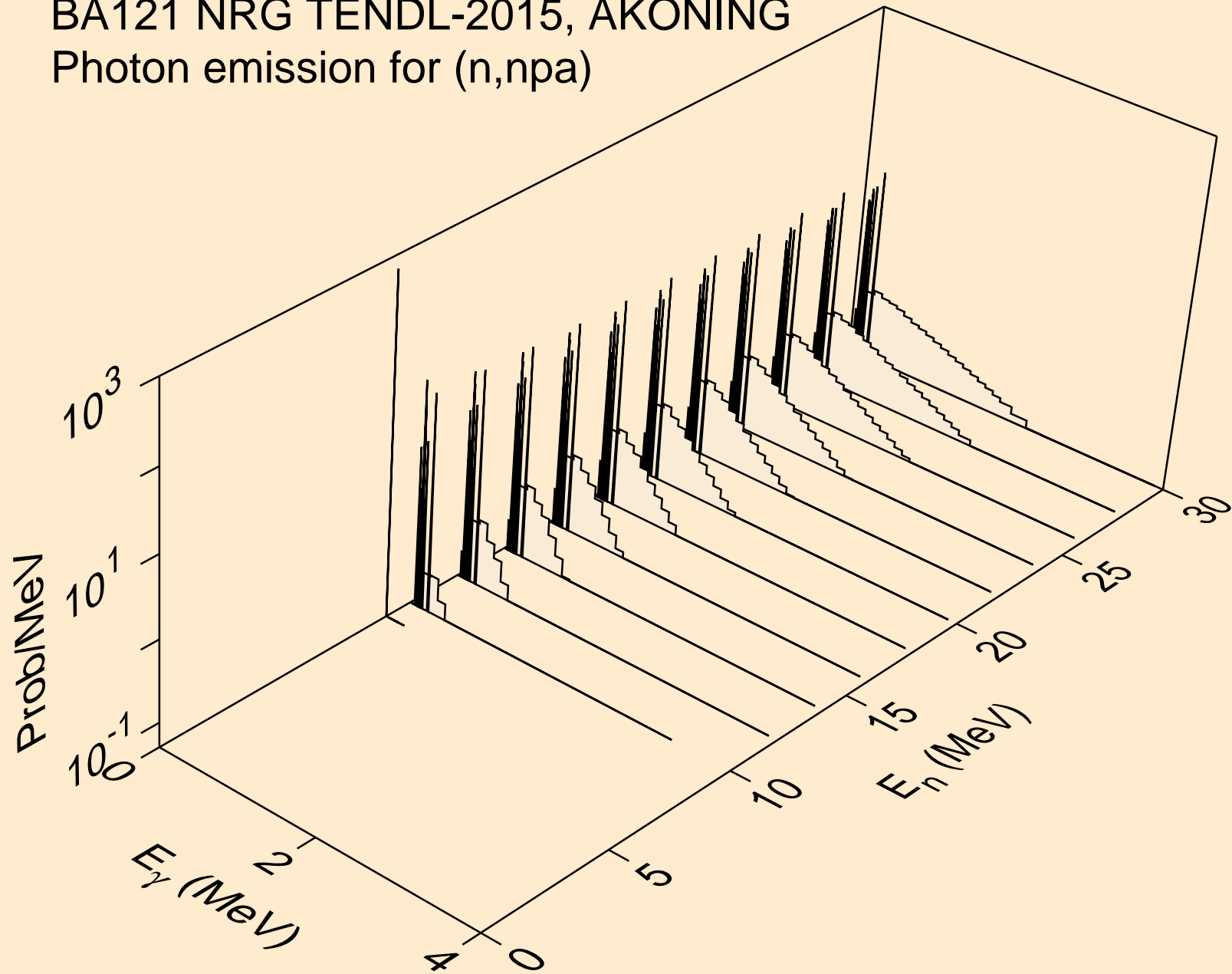
BA121 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



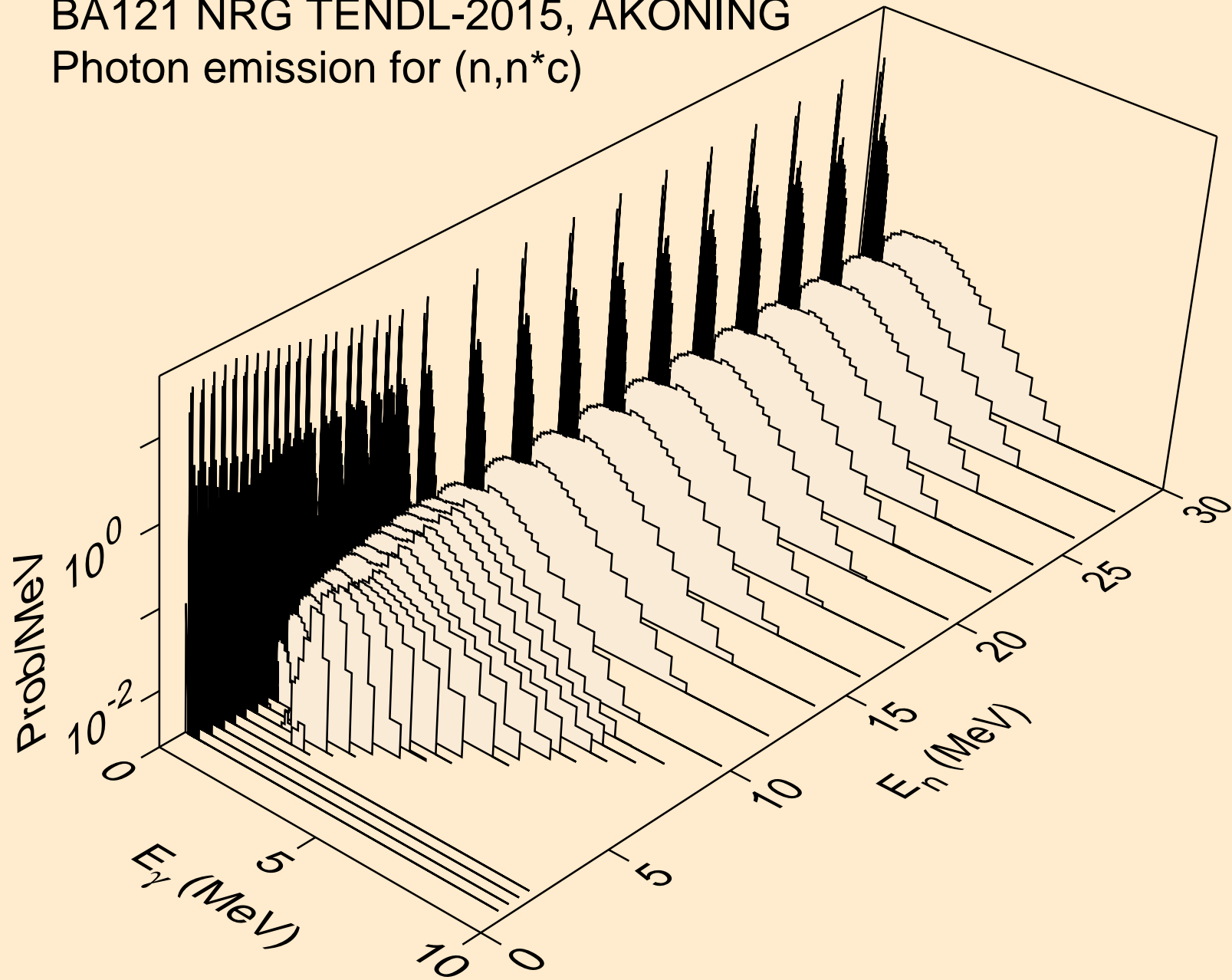
BA121 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



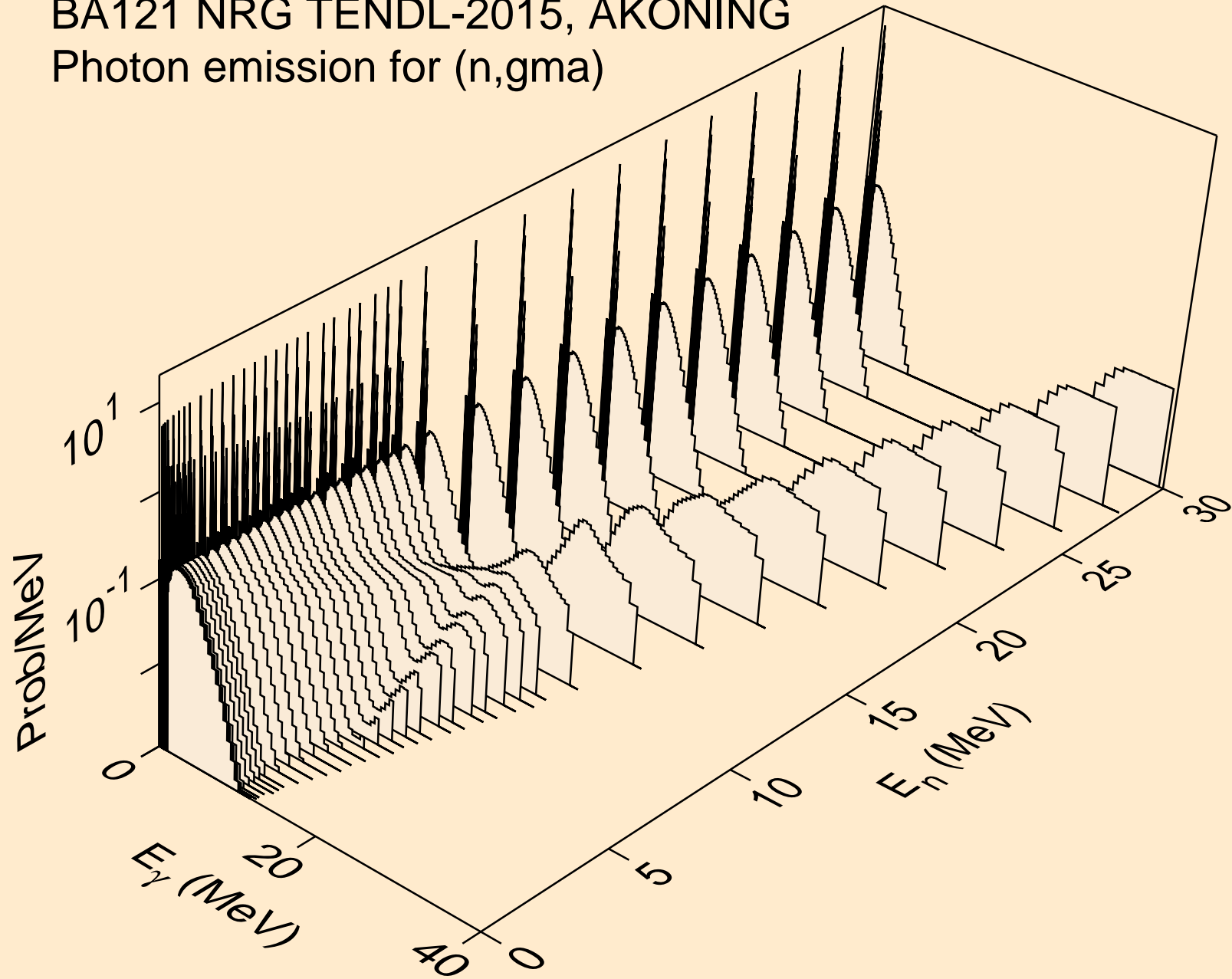
BA121 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



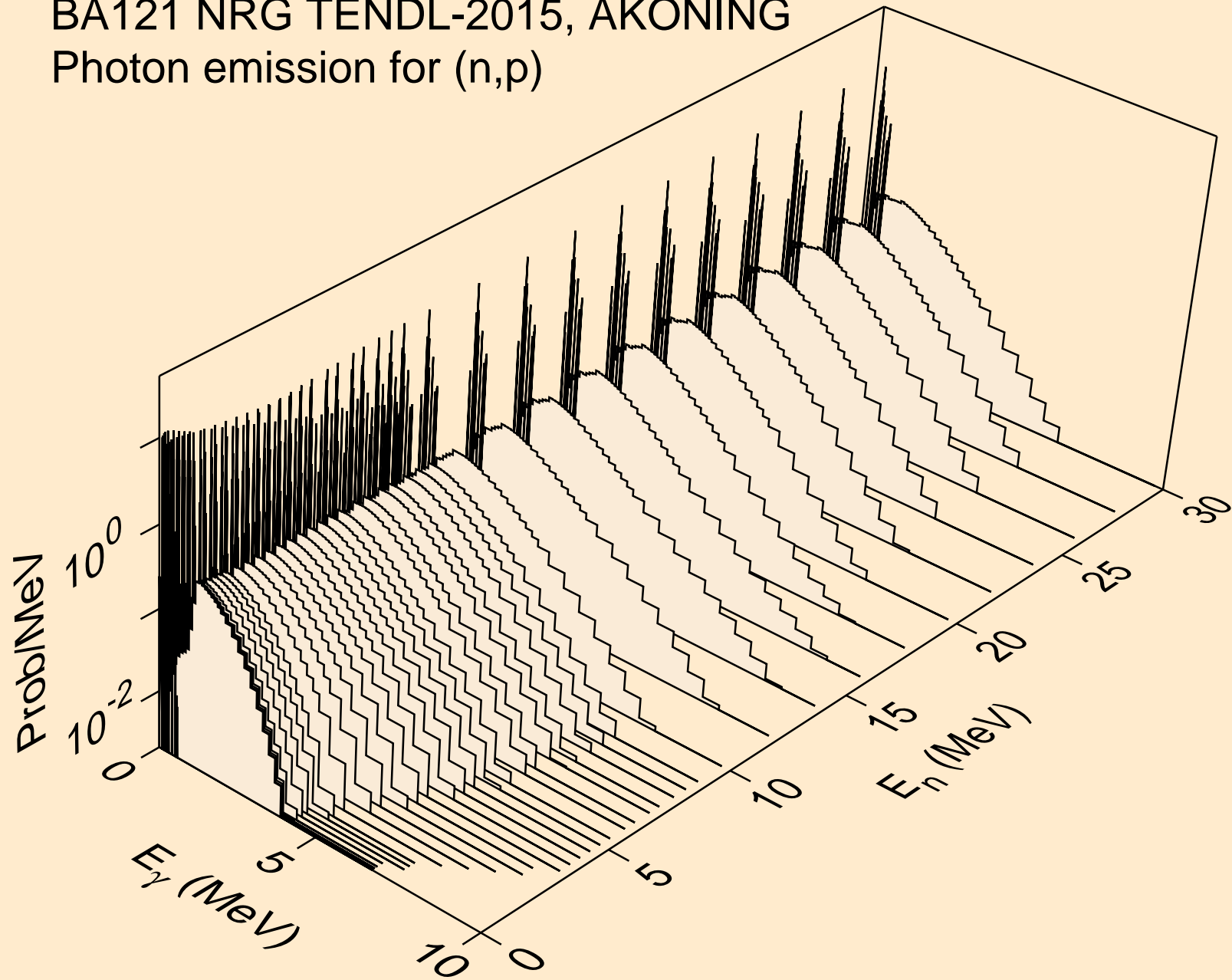
BA121 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



BA121 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)

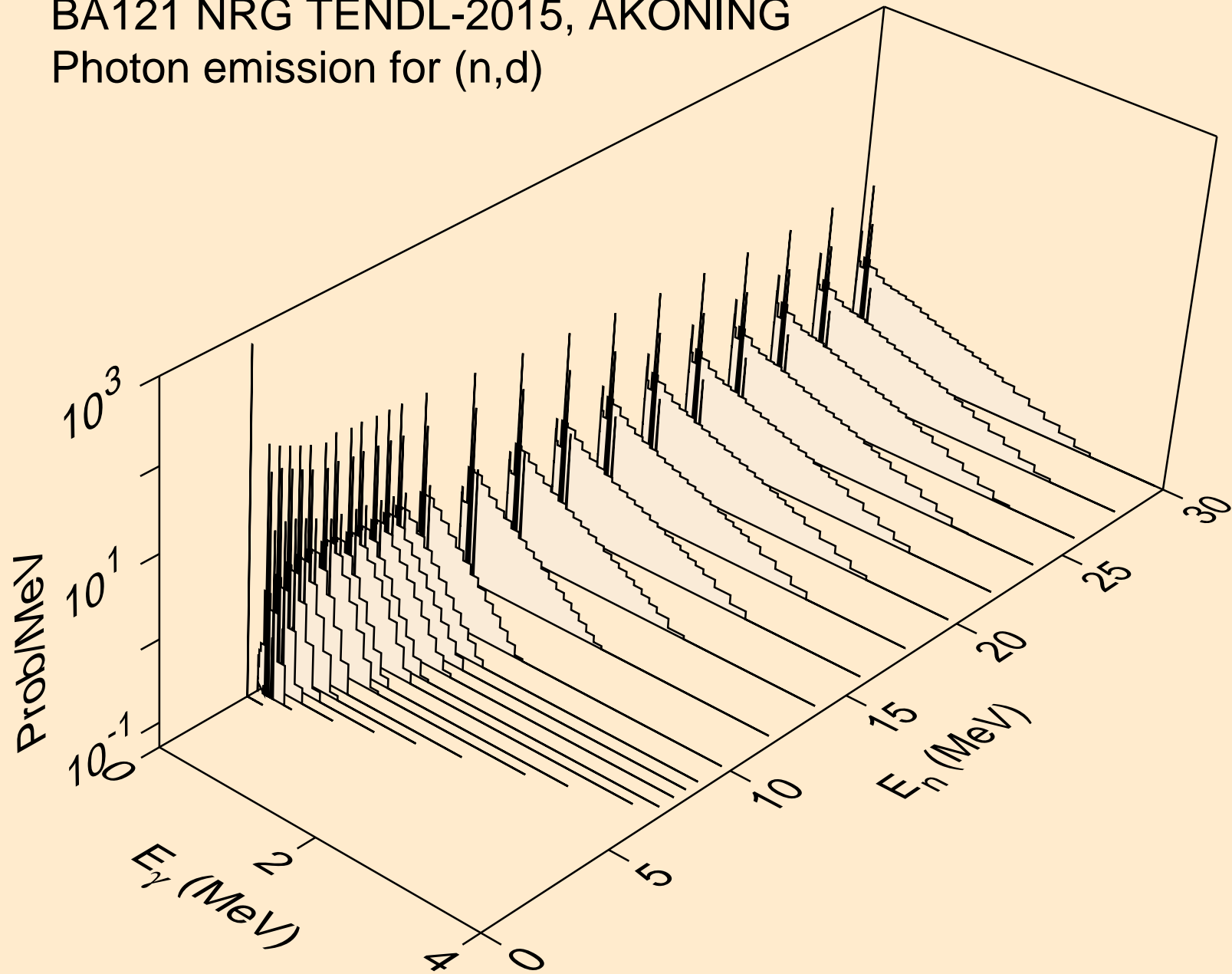


BA121 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

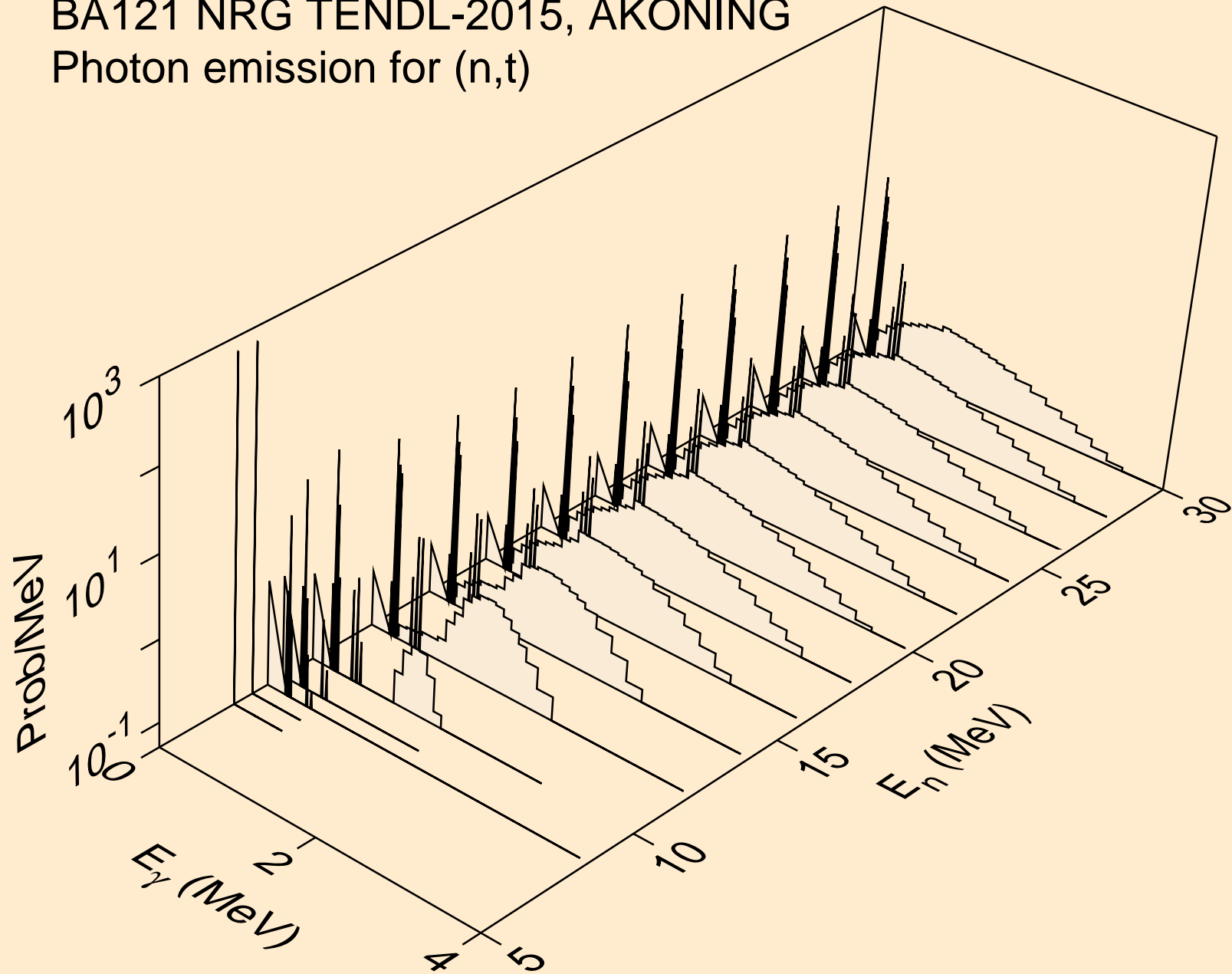




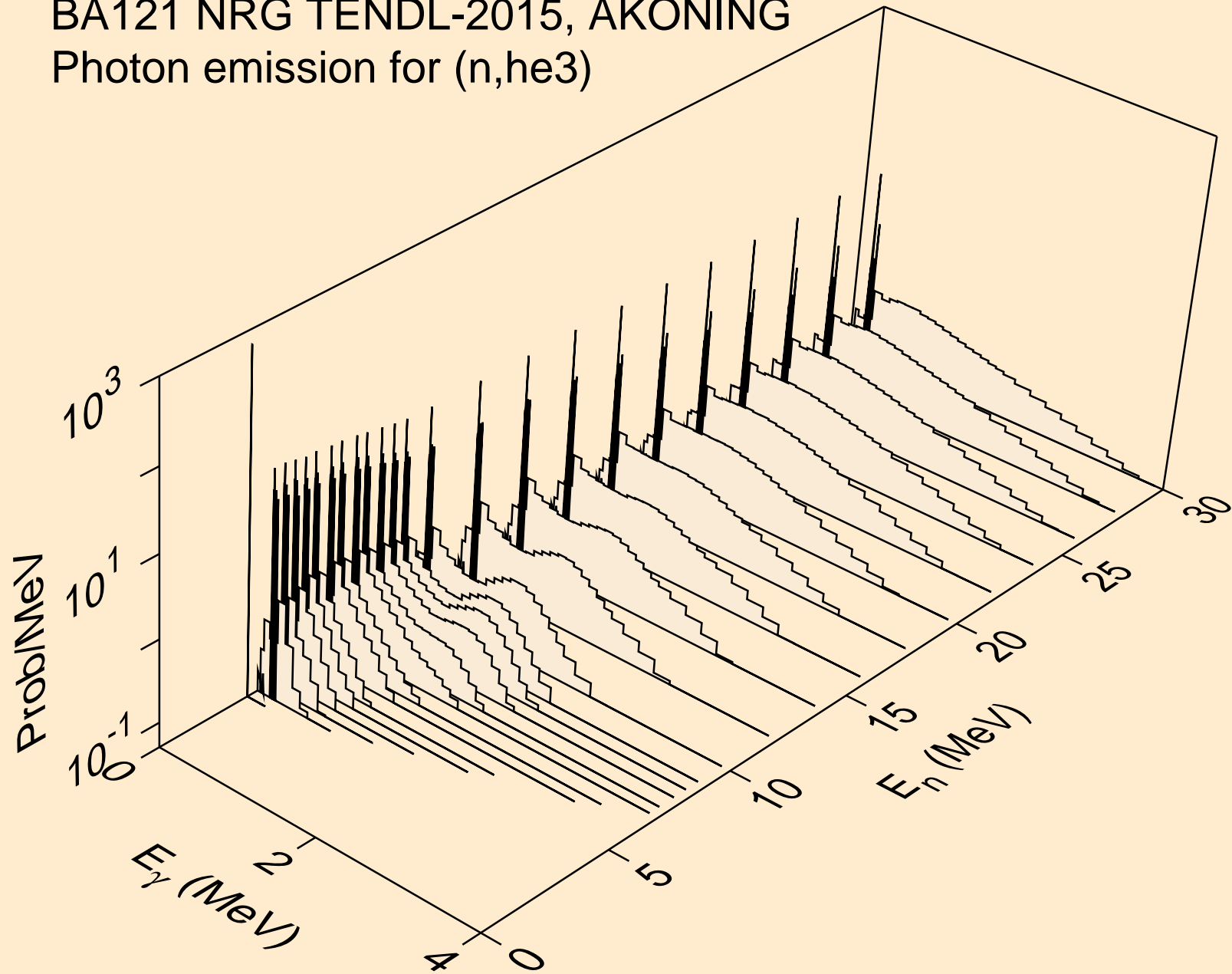
BA121 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



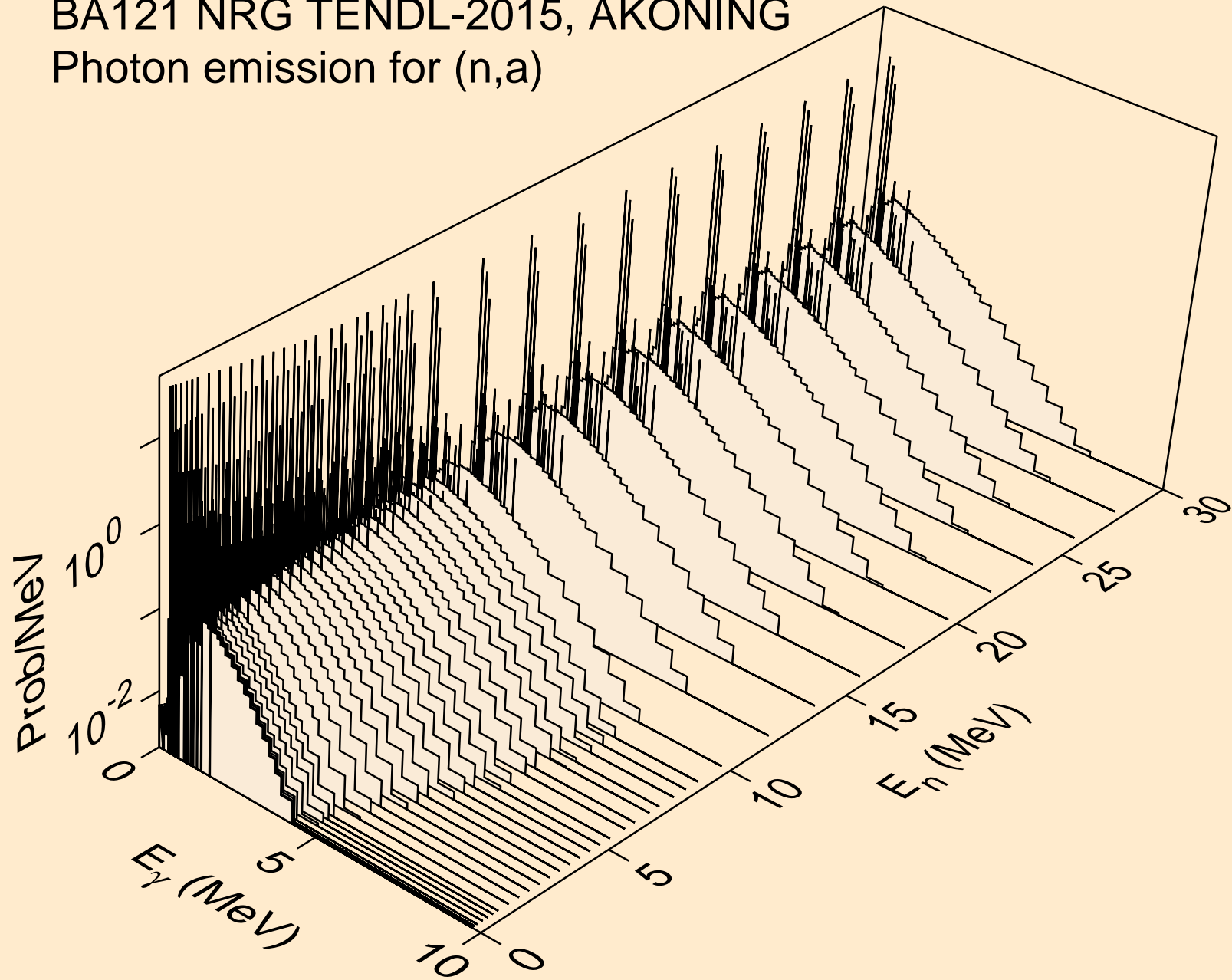
BA121 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



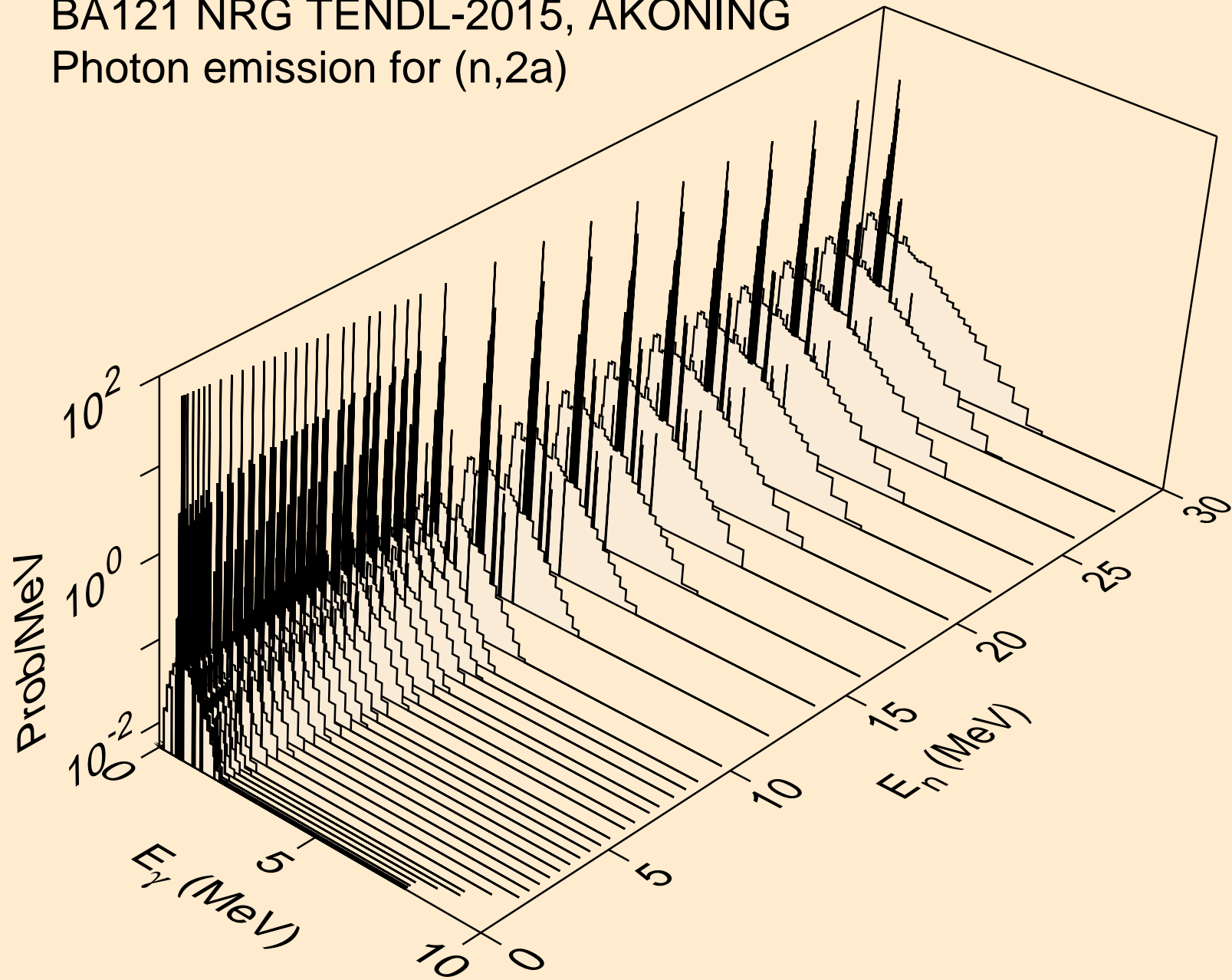
BA121 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



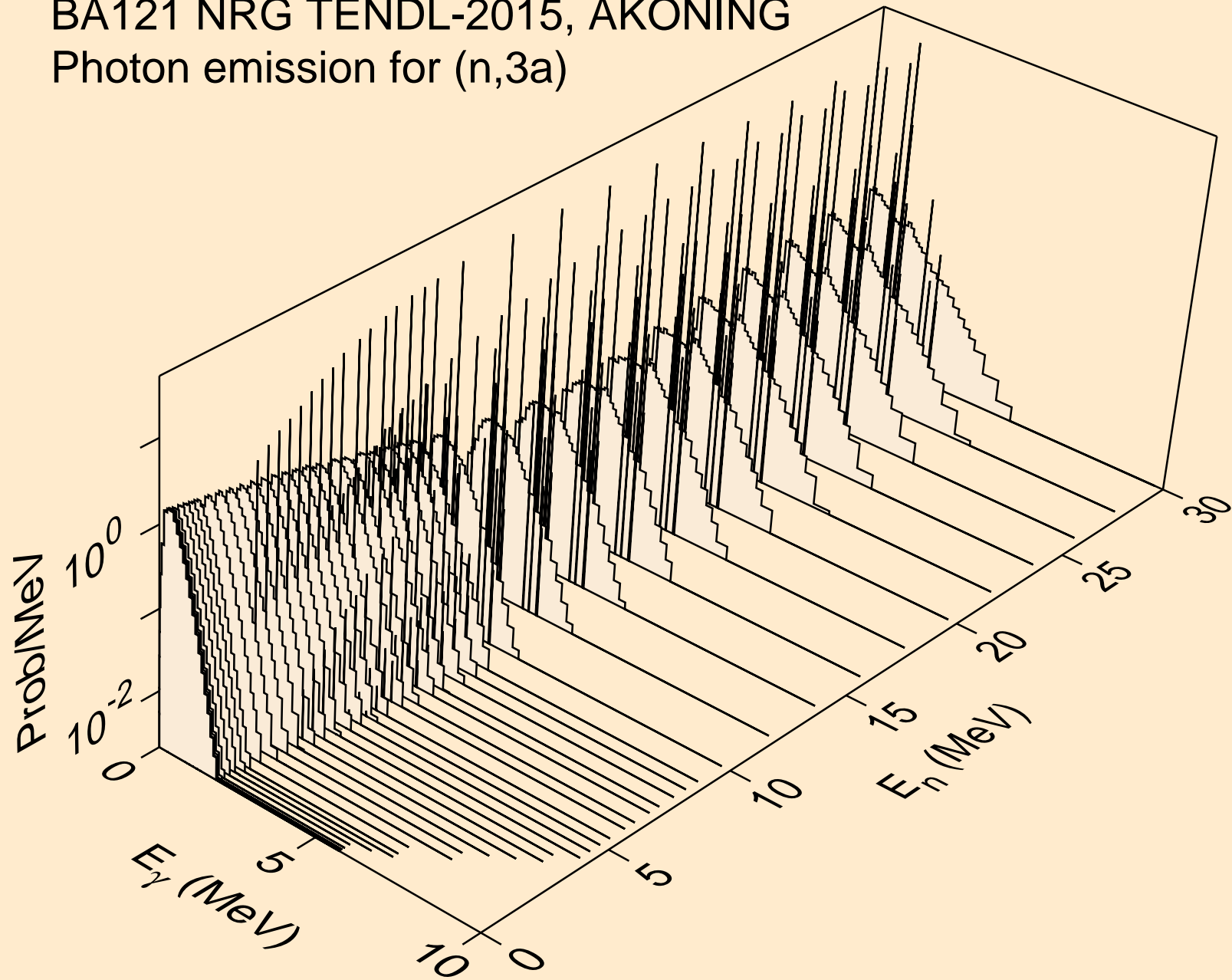
BA121 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



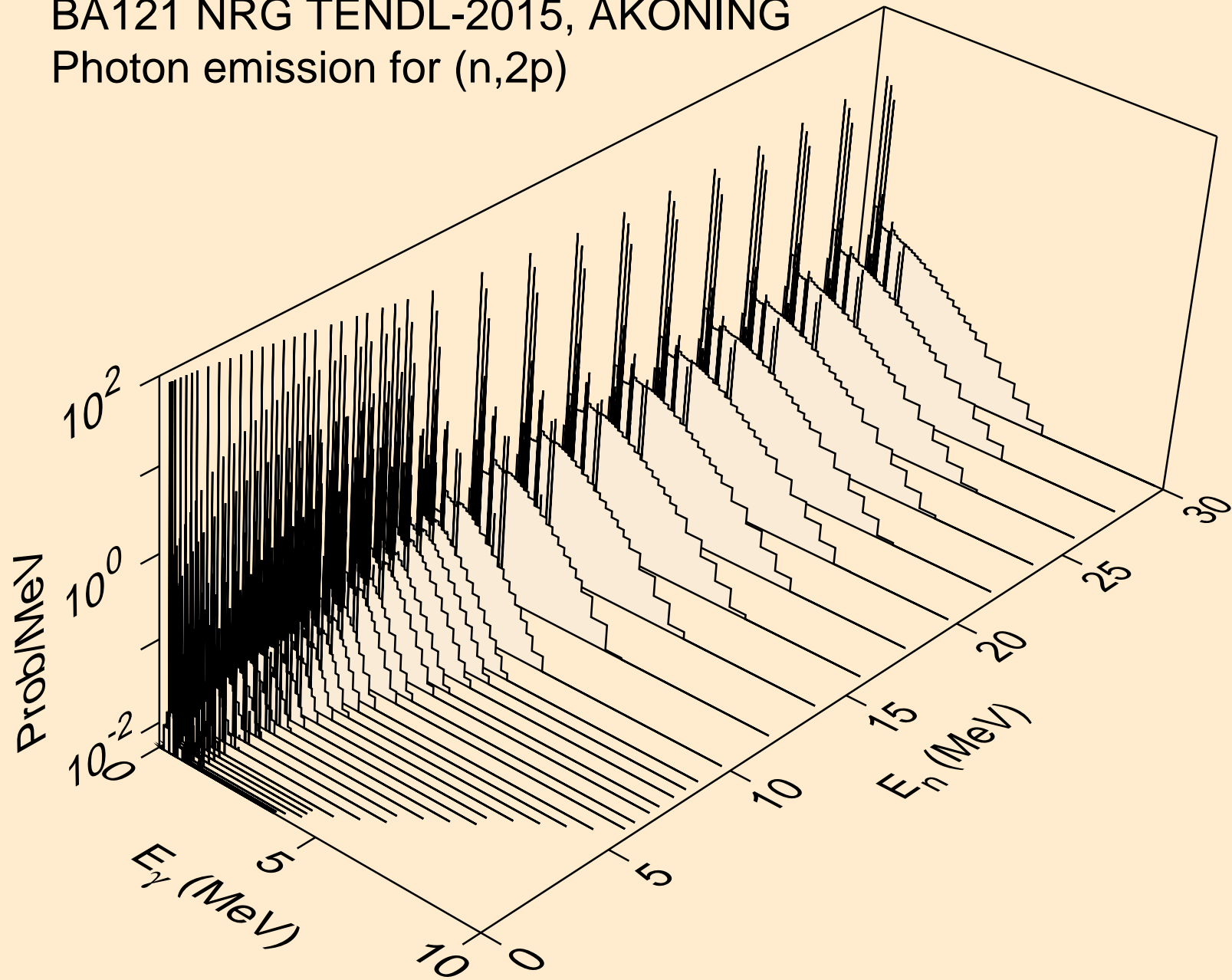
BA121 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



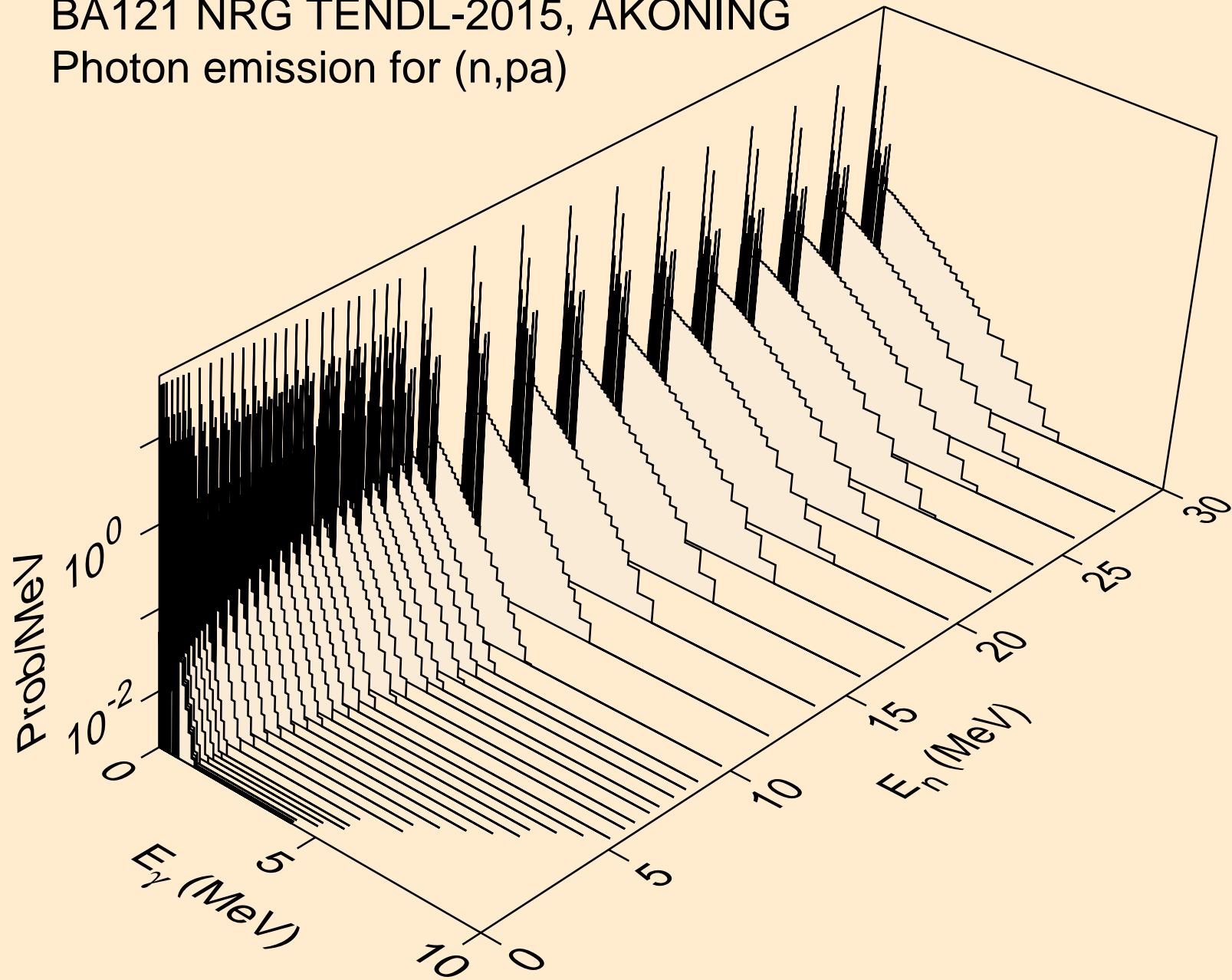
BA121 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)



BA121 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)

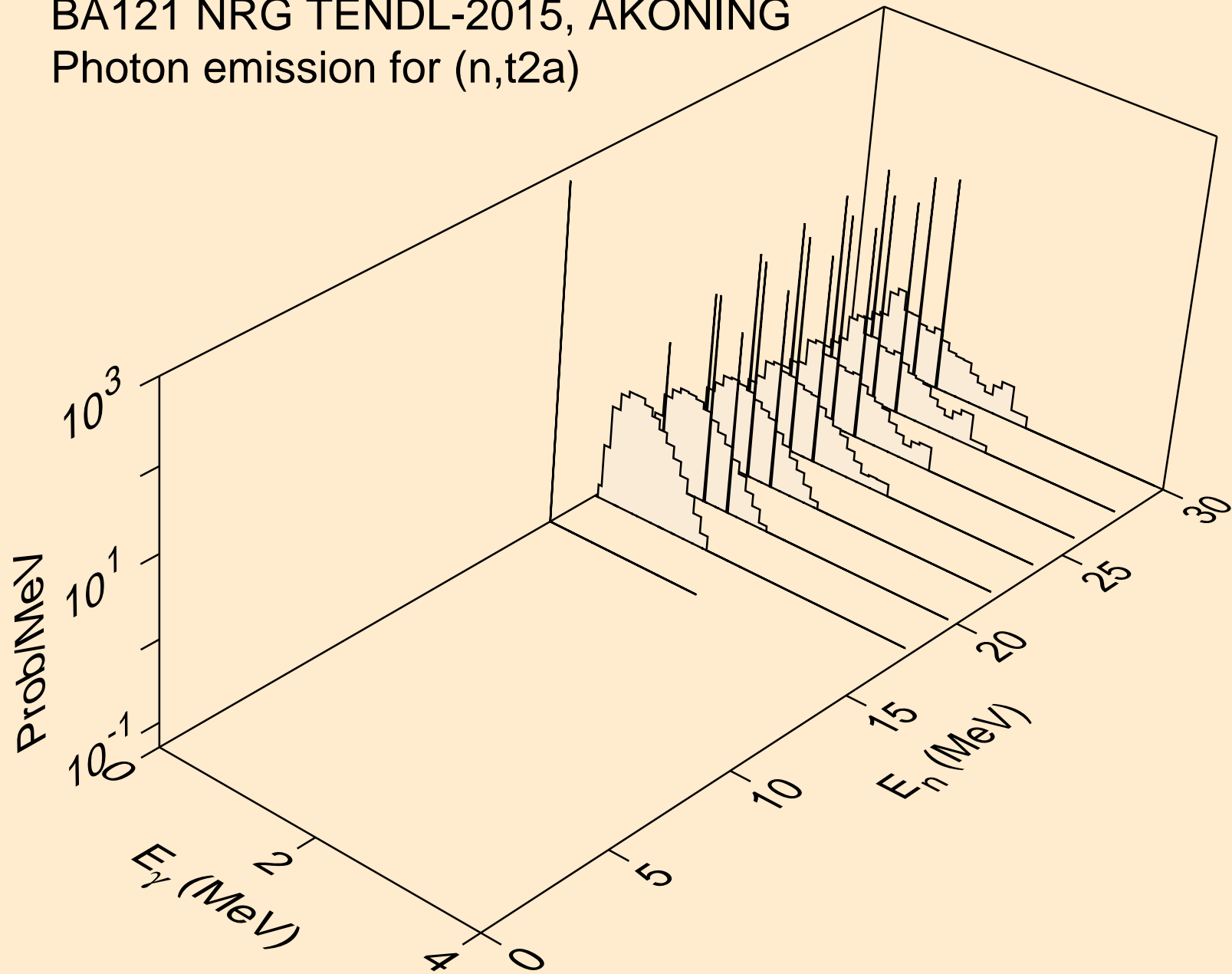


BA121 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )

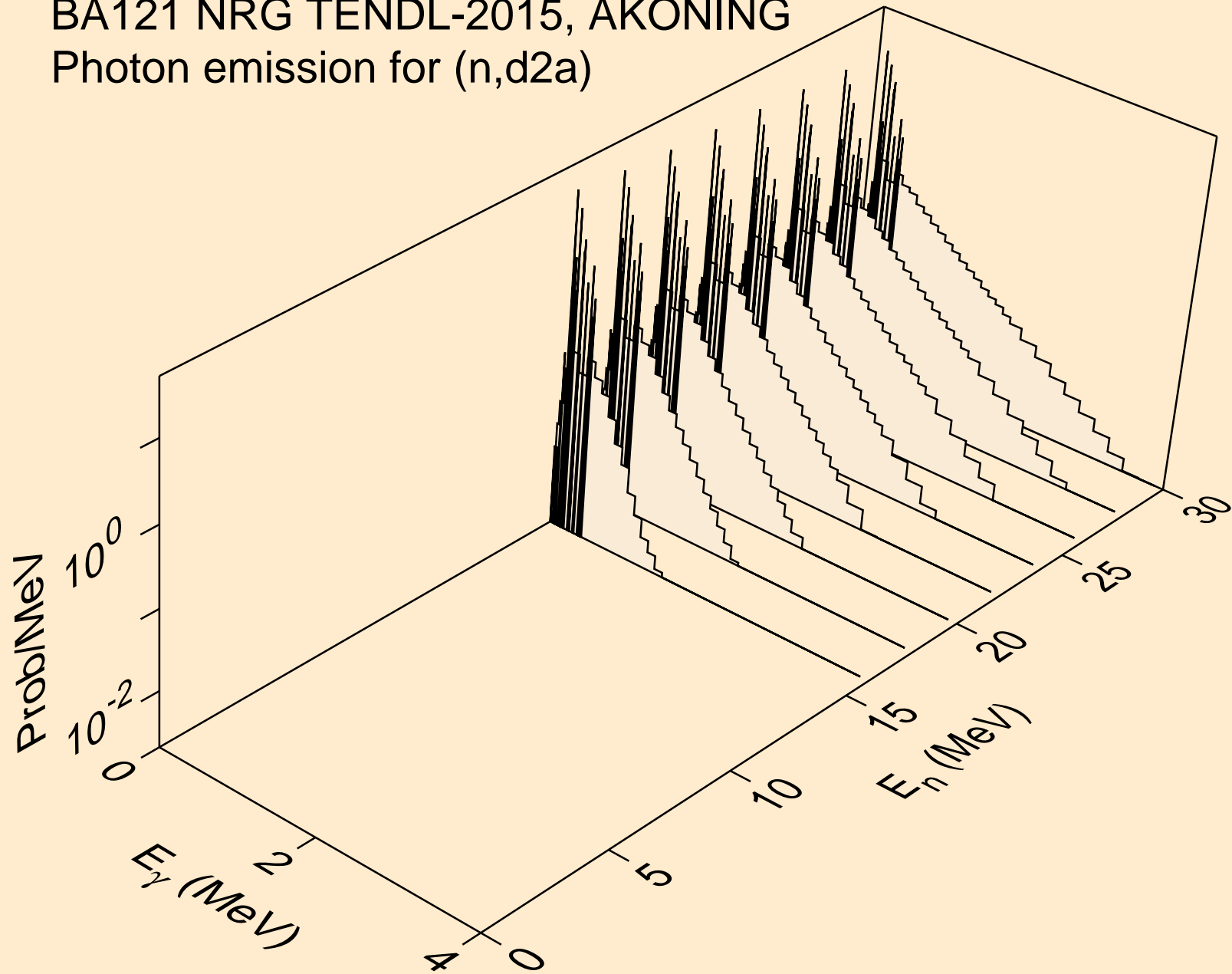




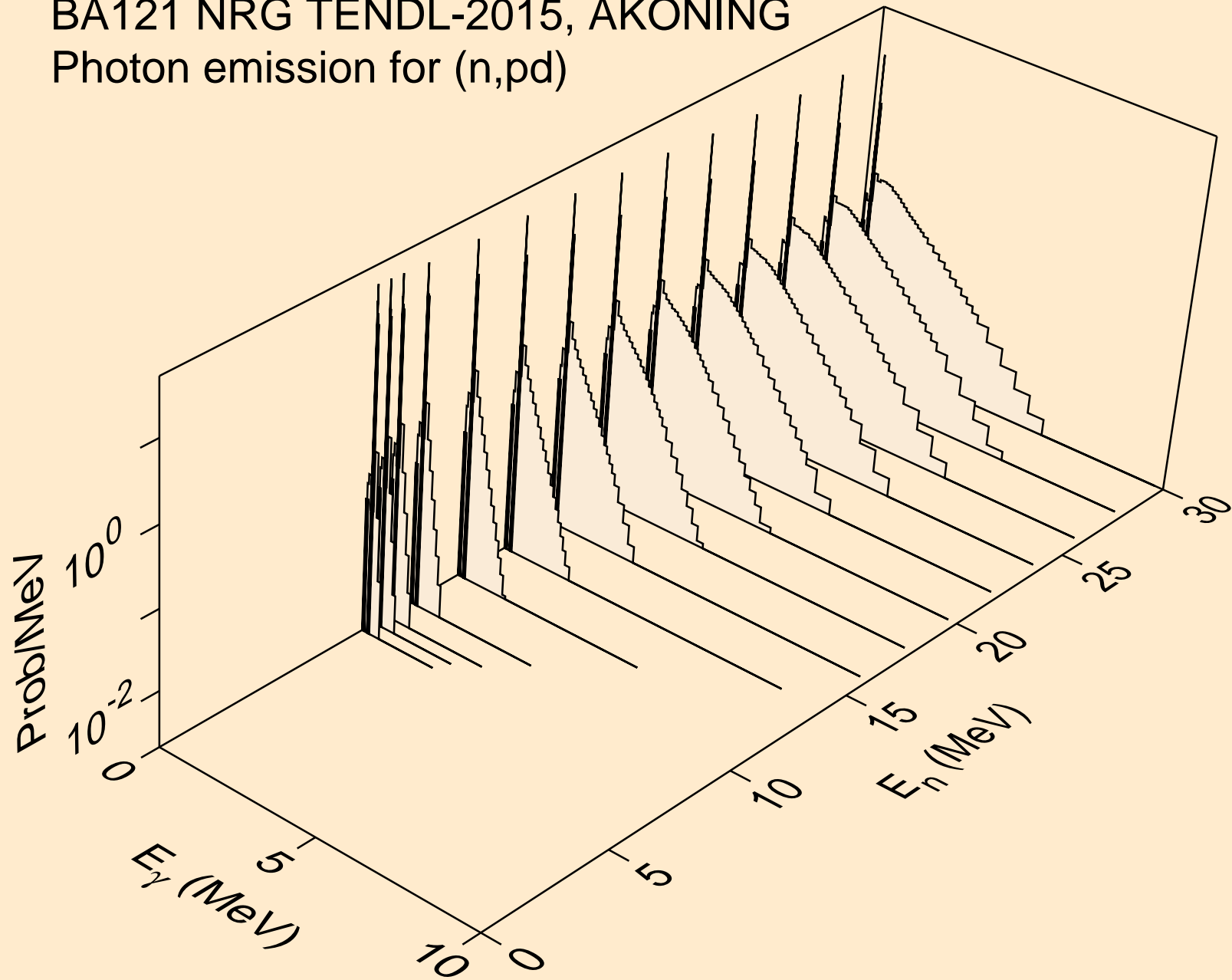
BA121 NRG TENDL-2015, AKONING  
Photon emission for (n,t2a)



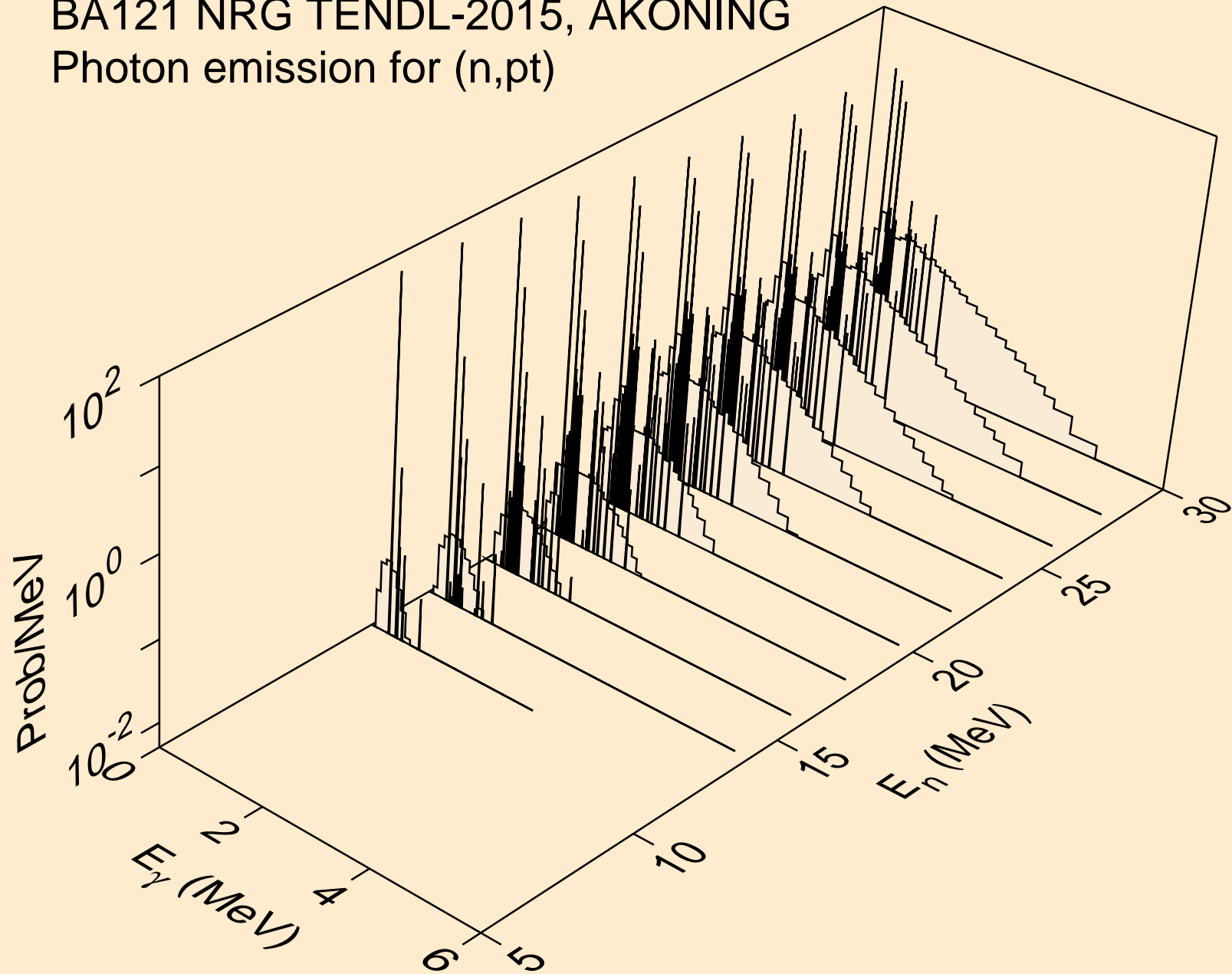
BA121 NRG TENDL-2015, AKONING  
Photon emission for (n,d2a)



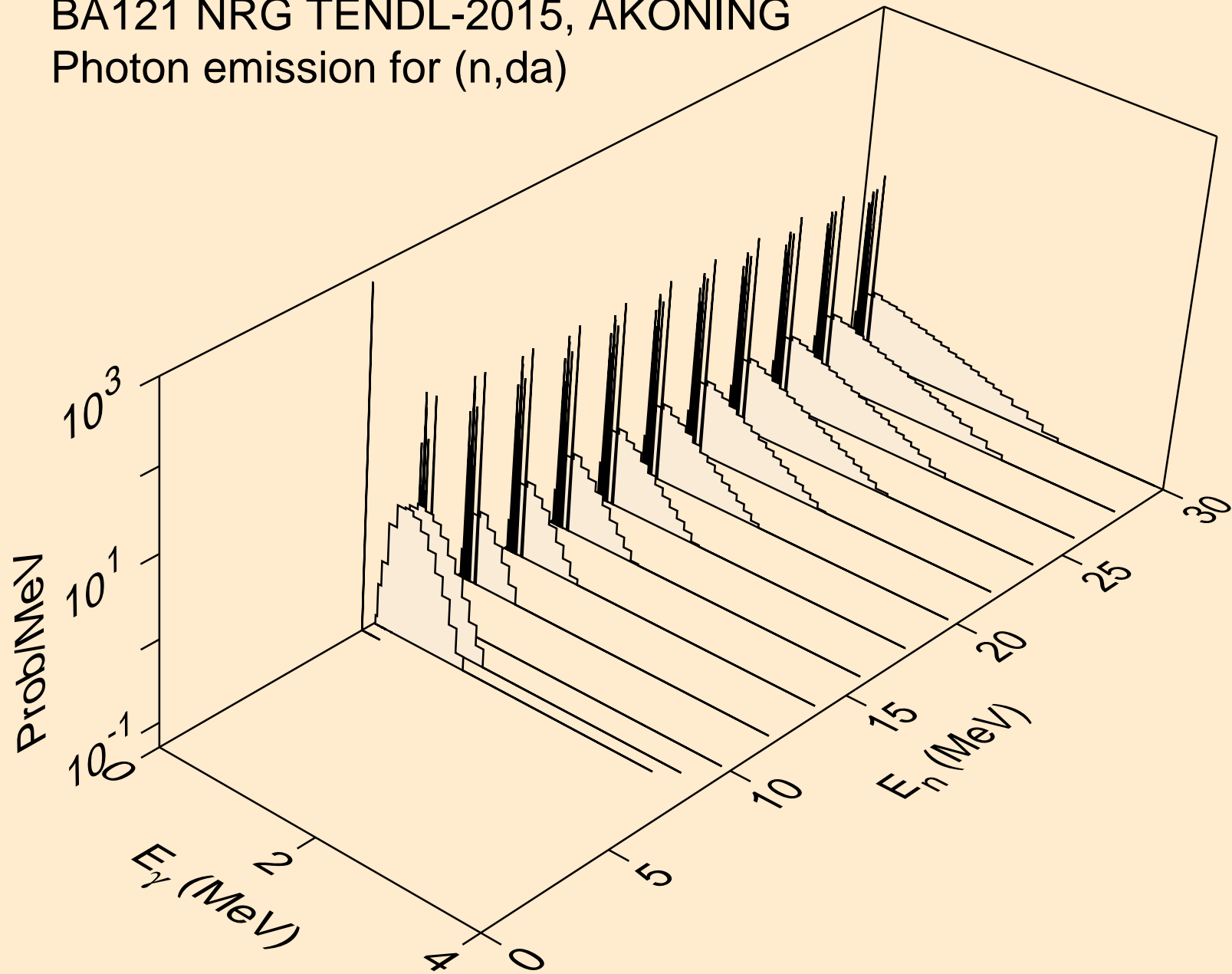
BA121 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



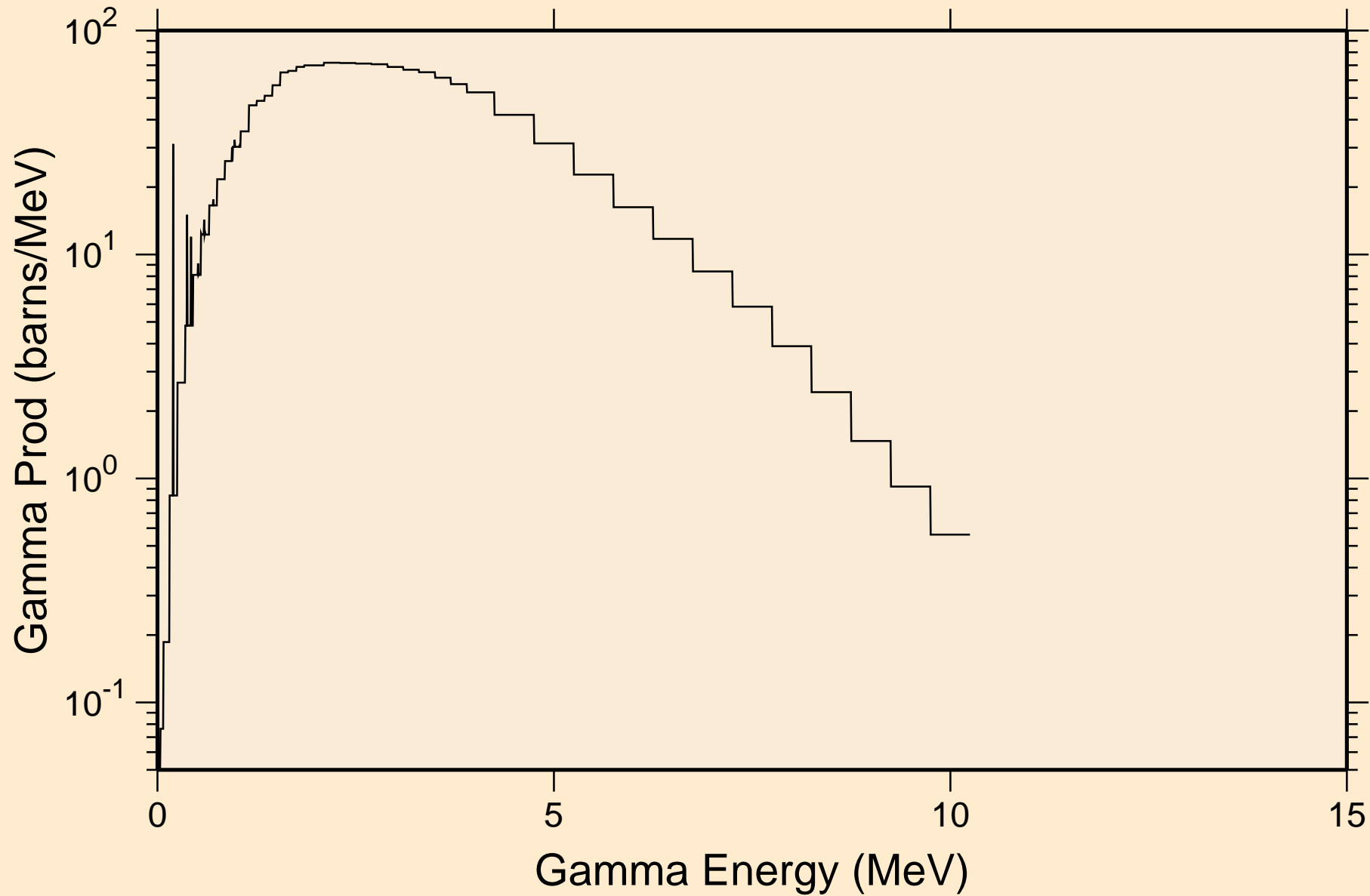
BA121 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



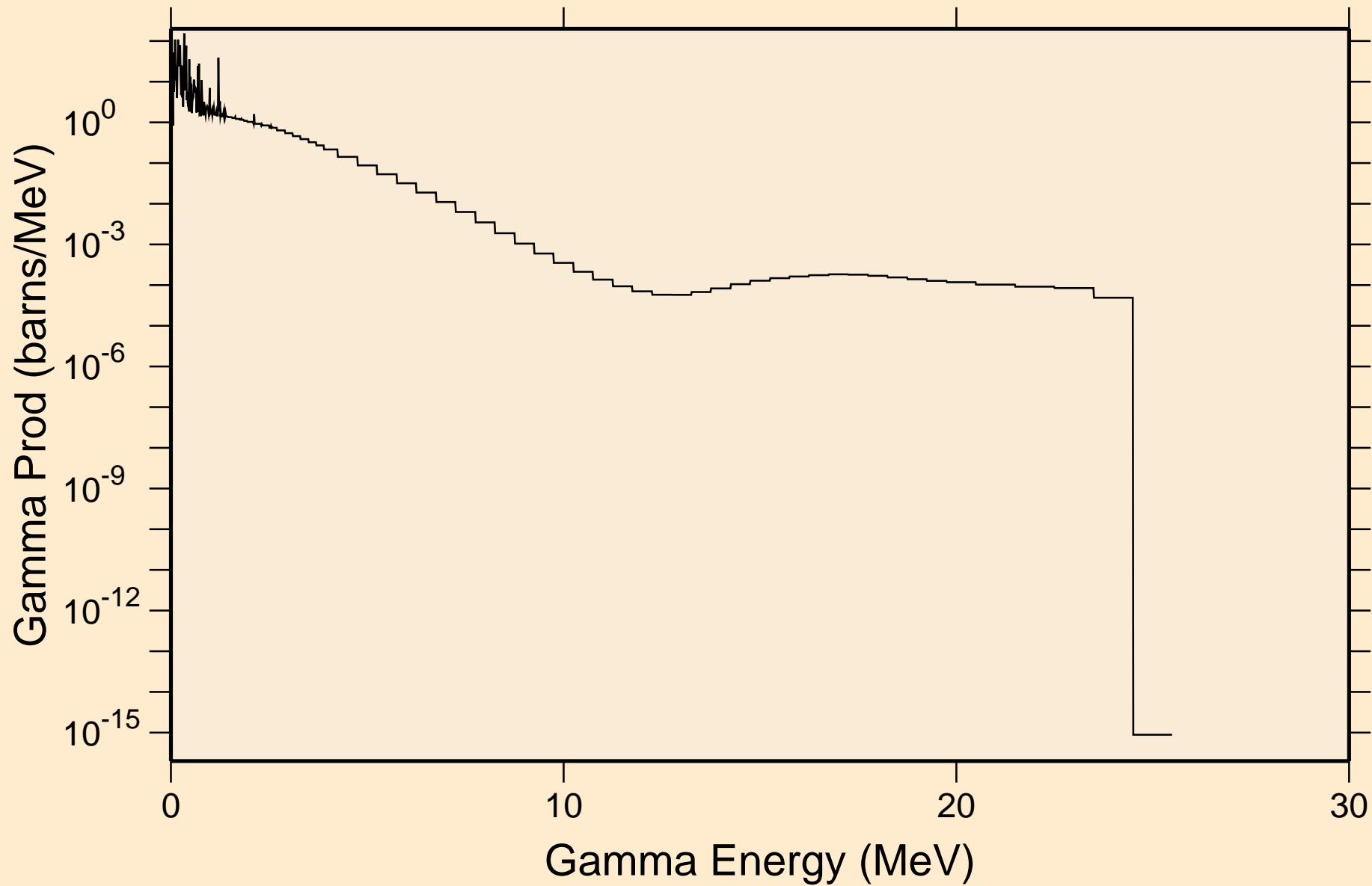
BA121 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



BA121 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

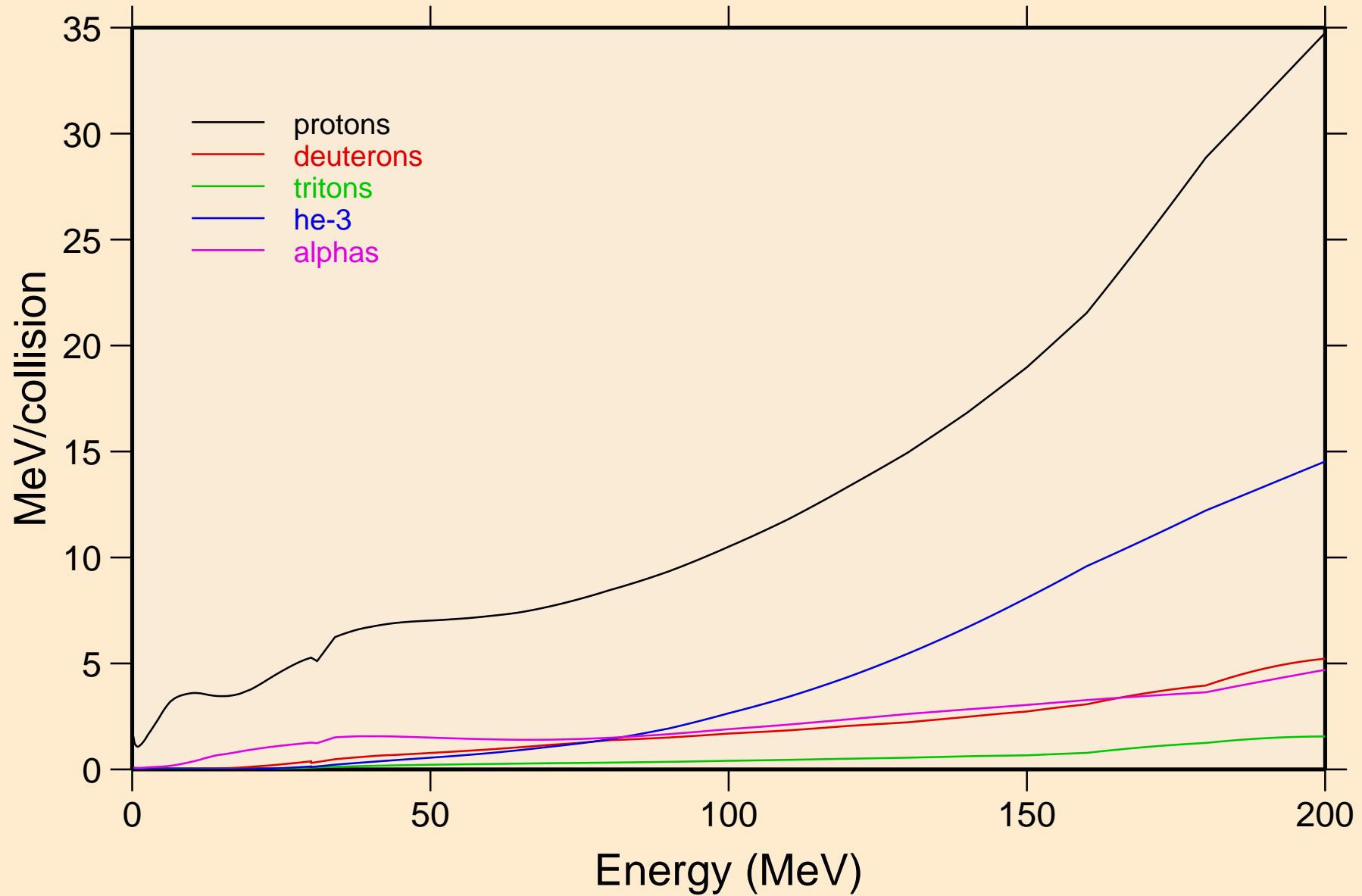


BA121 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



# BA121 NRG TENDL-2015, AKONING

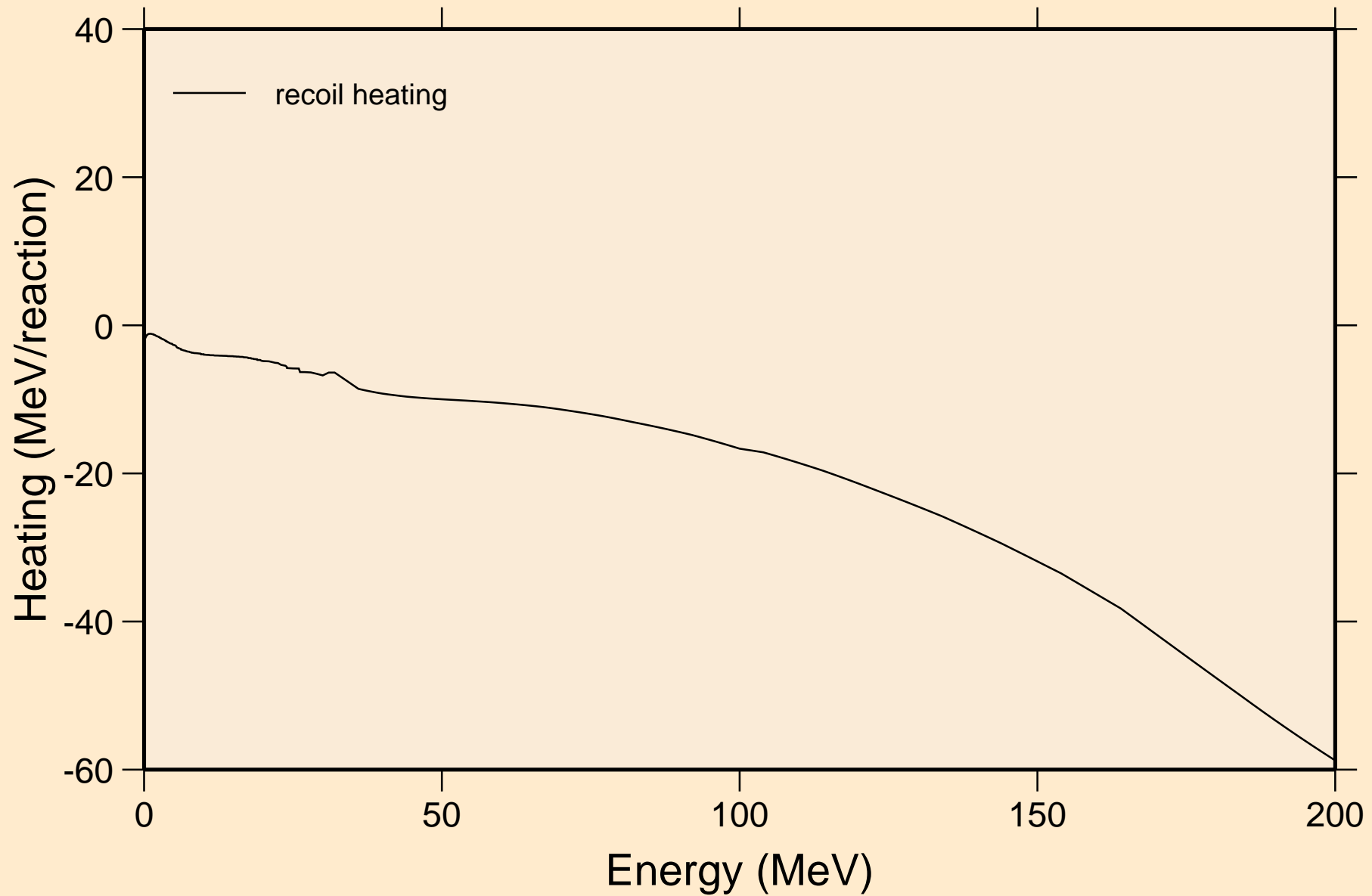
## Particle heating contributions





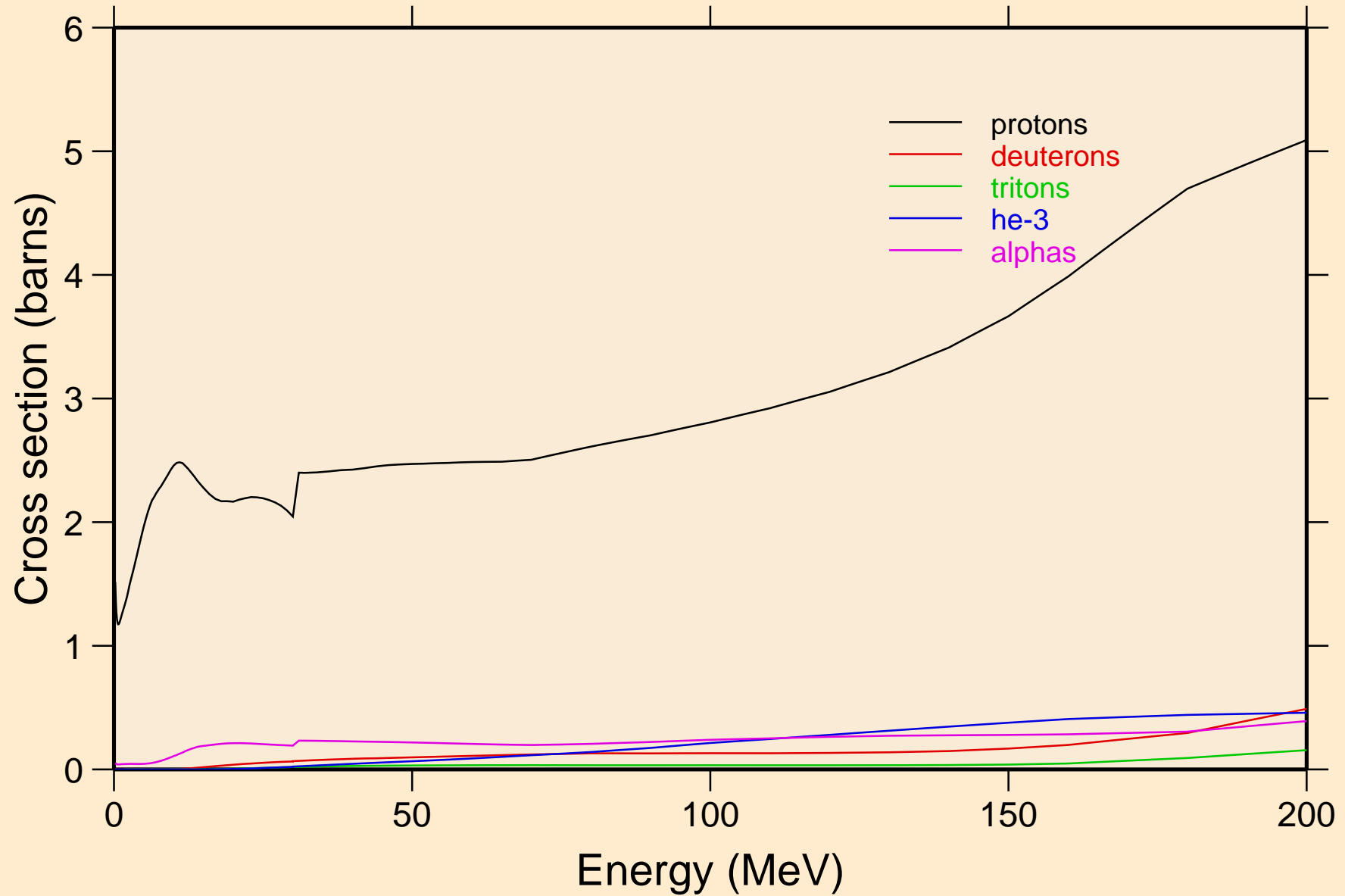
# BA121 NRG TENDL-2015, AKONING

## Recoil Heating

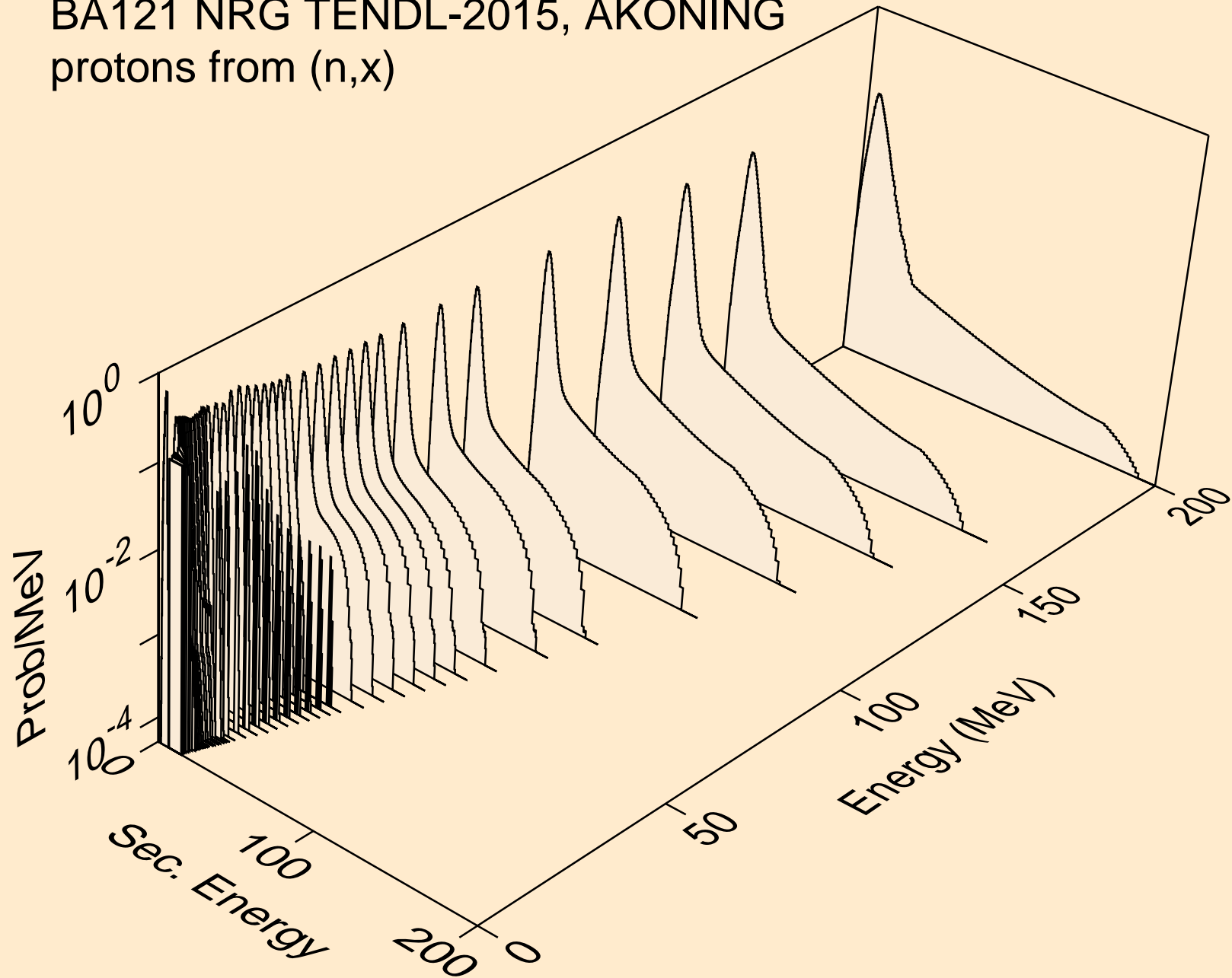


# BA121 NRG TENDL-2015, AKONING

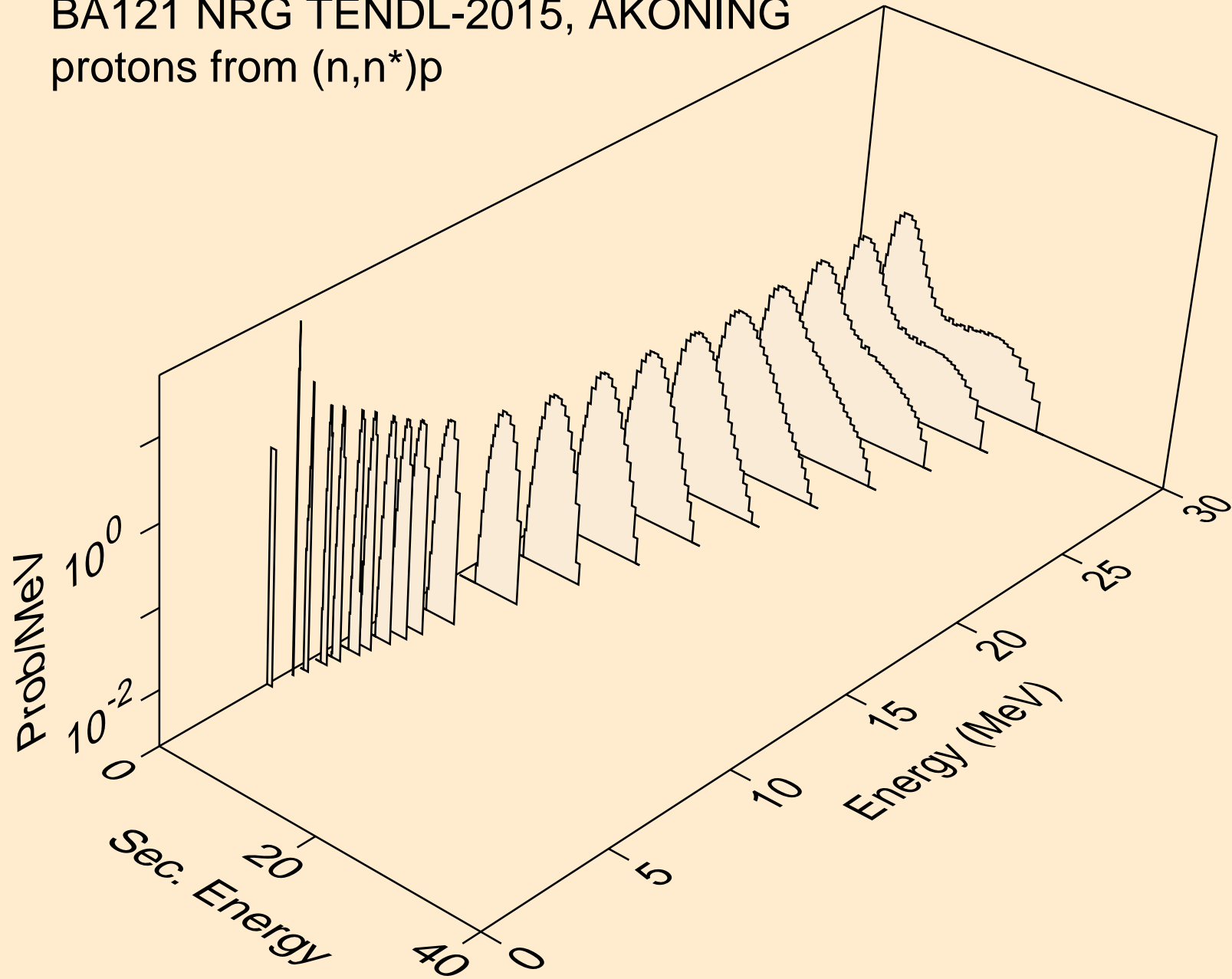
## Particle production cross sections



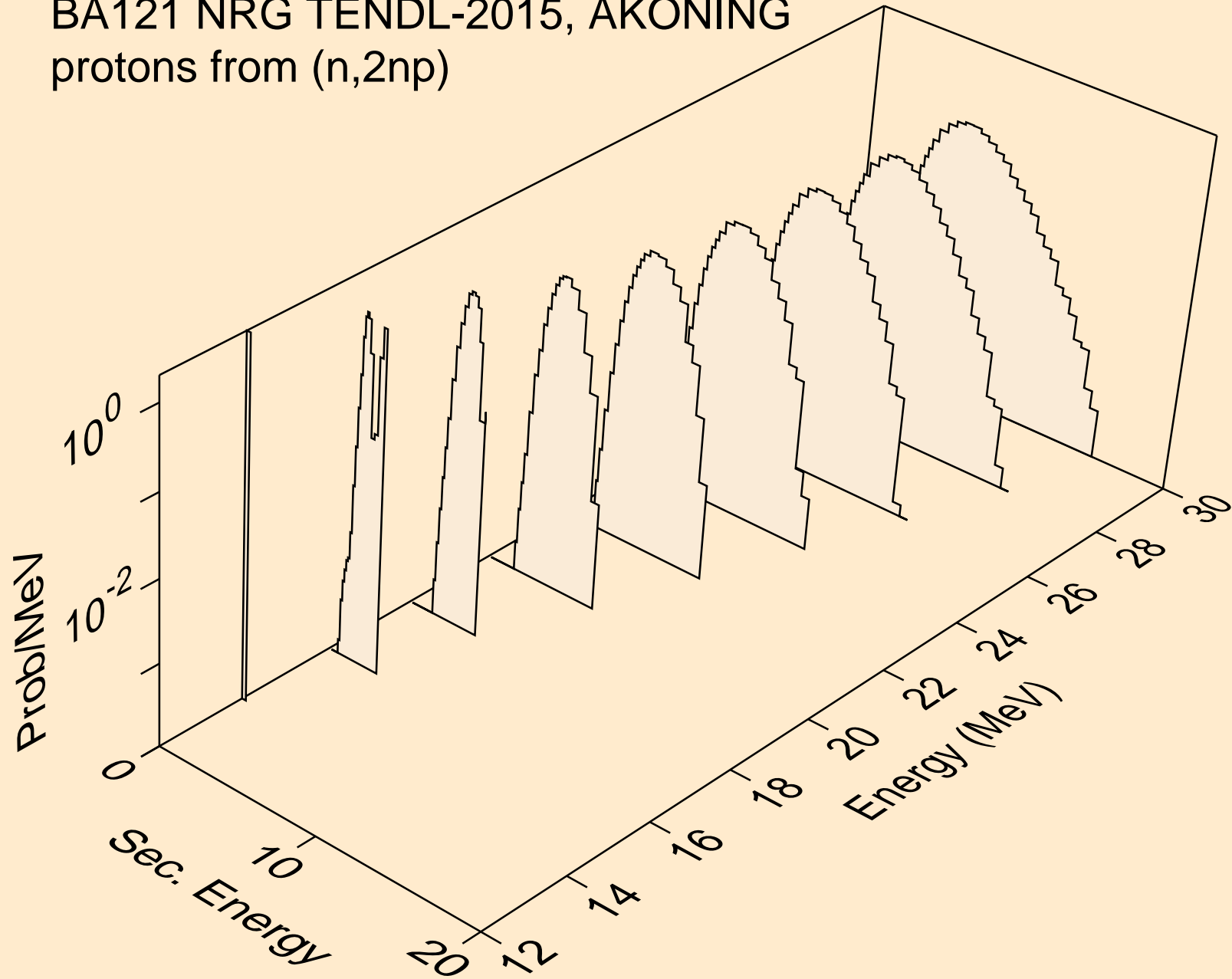
BA121 NRG TENDL-2015, AKONING  
protons from (n,x)



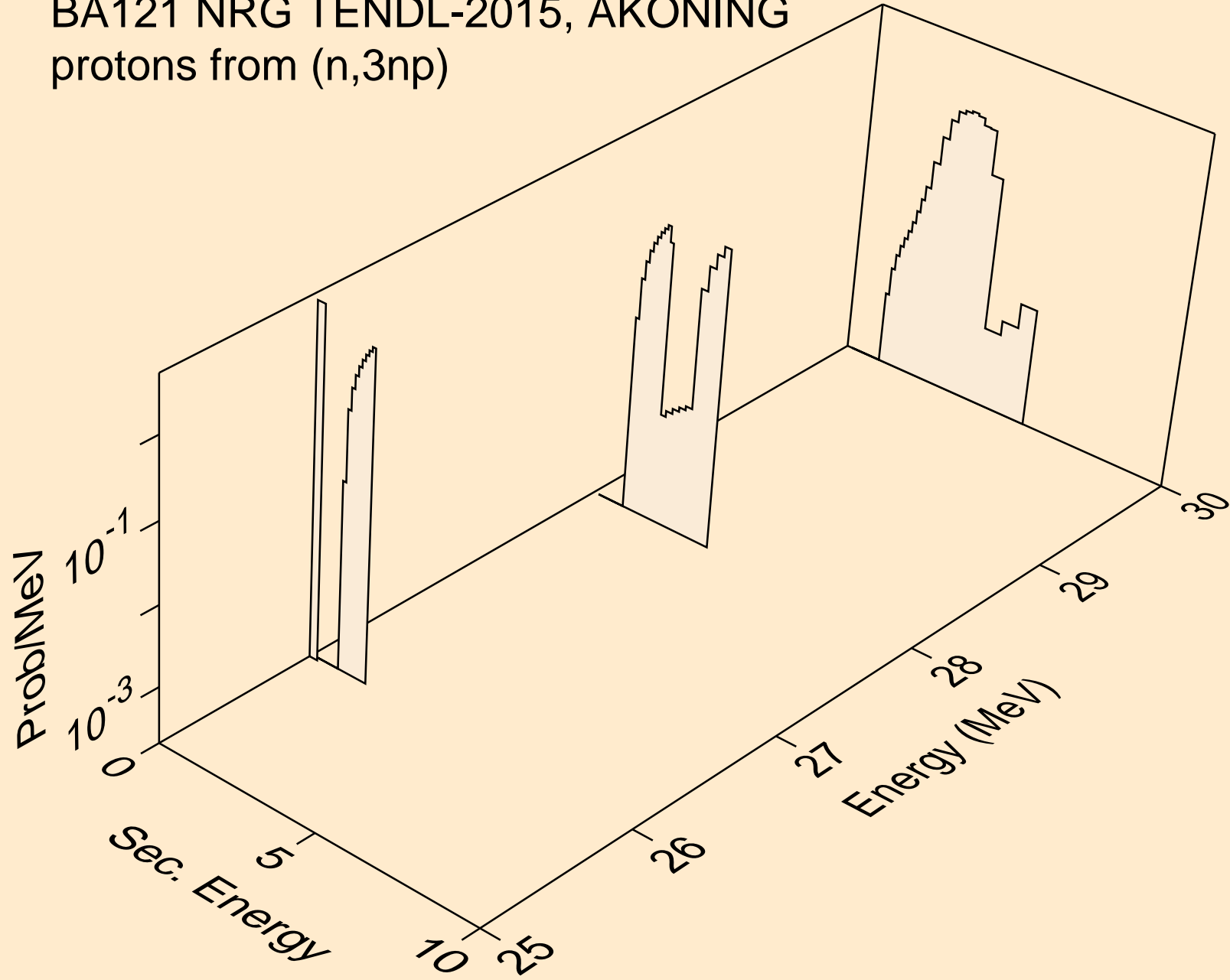
BA121 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



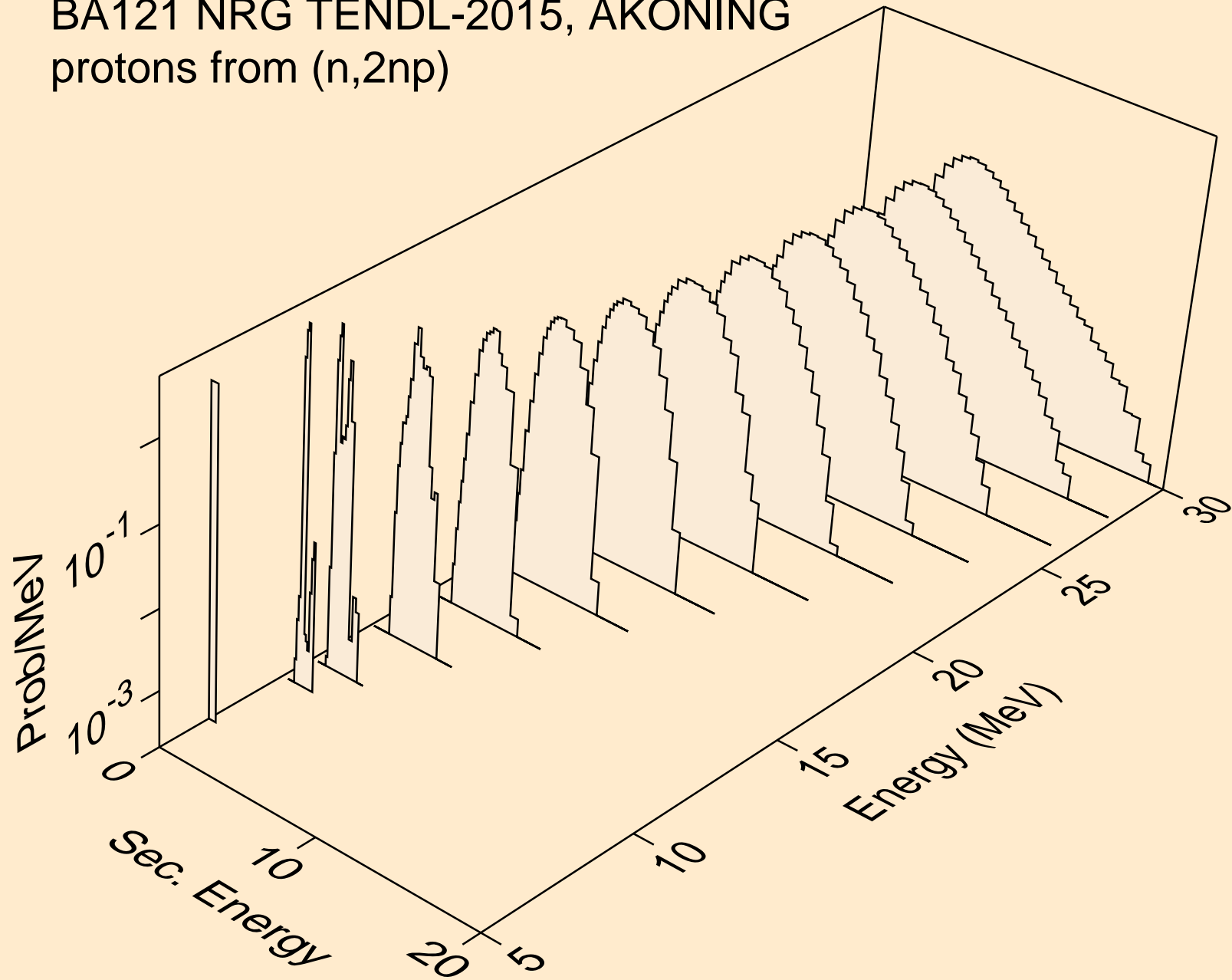
BA121 NRG TENDL-2015, AKONING  
protons from (n,2np)



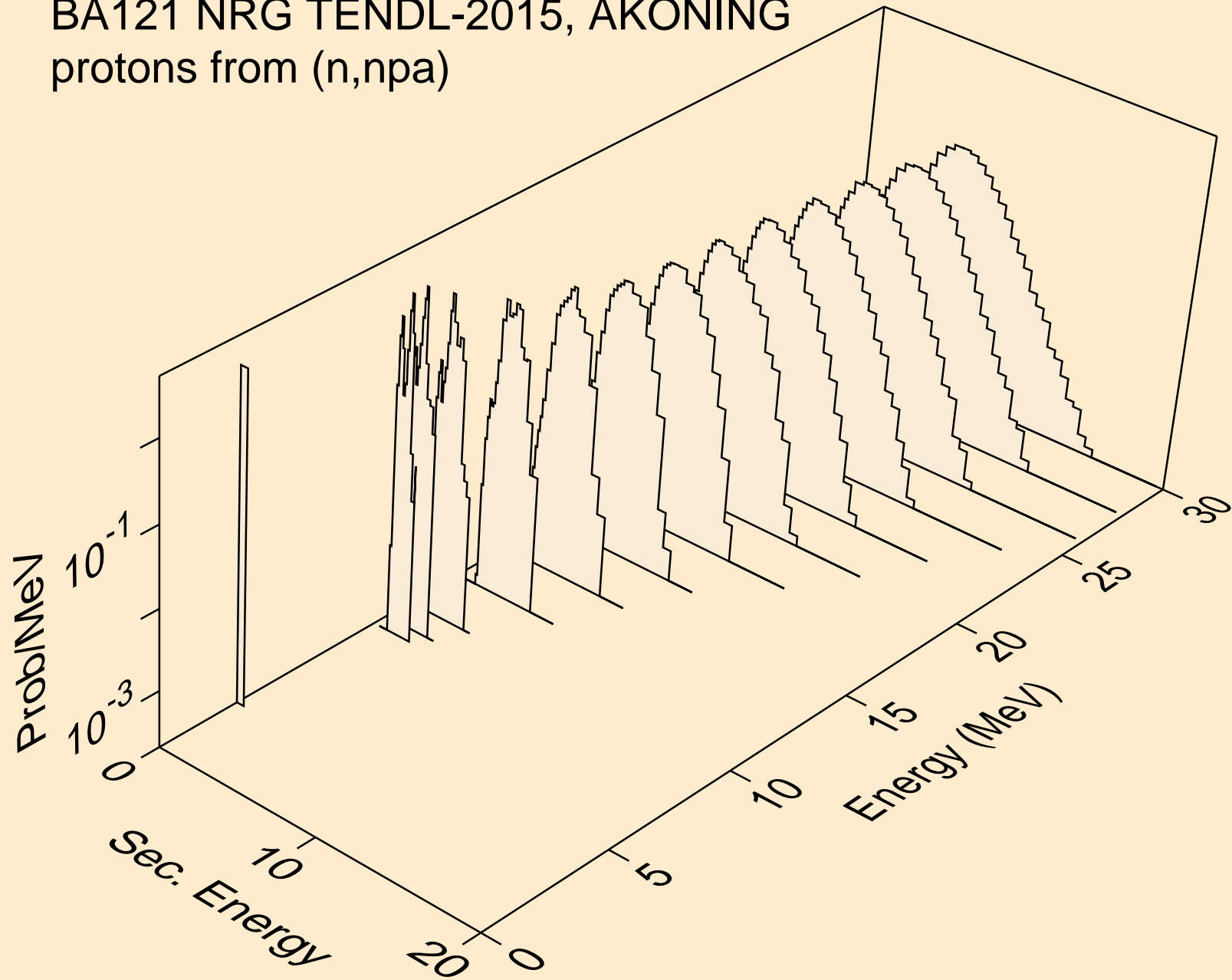
BA121 NRG TENDL-2015, AKONING  
protons from (n,3np)



BA121 NRG TENDL-2015, AKONING  
protons from (n,2np)

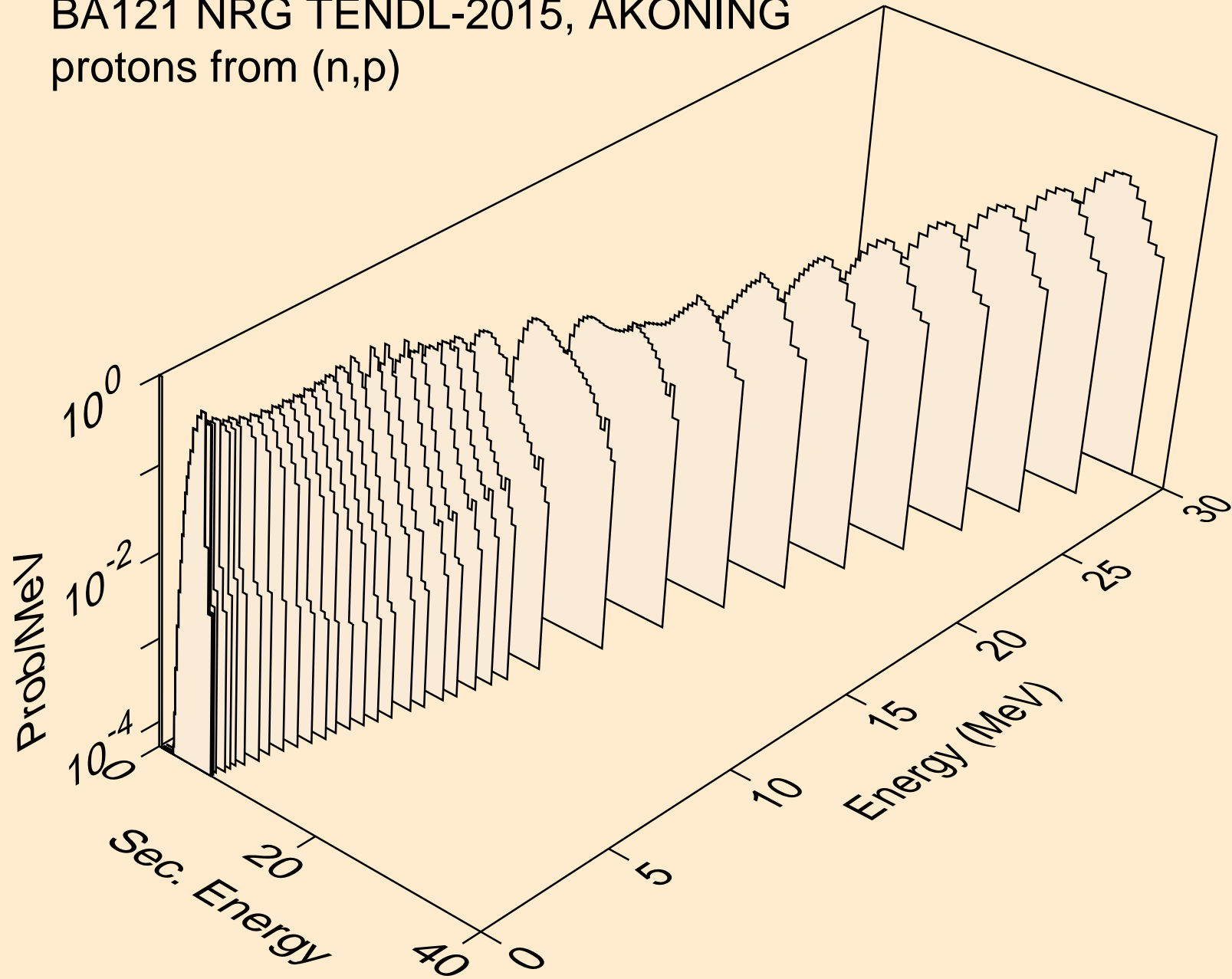


BA121 NRG TENDL-2015, AKONING  
protons from (n,npa)

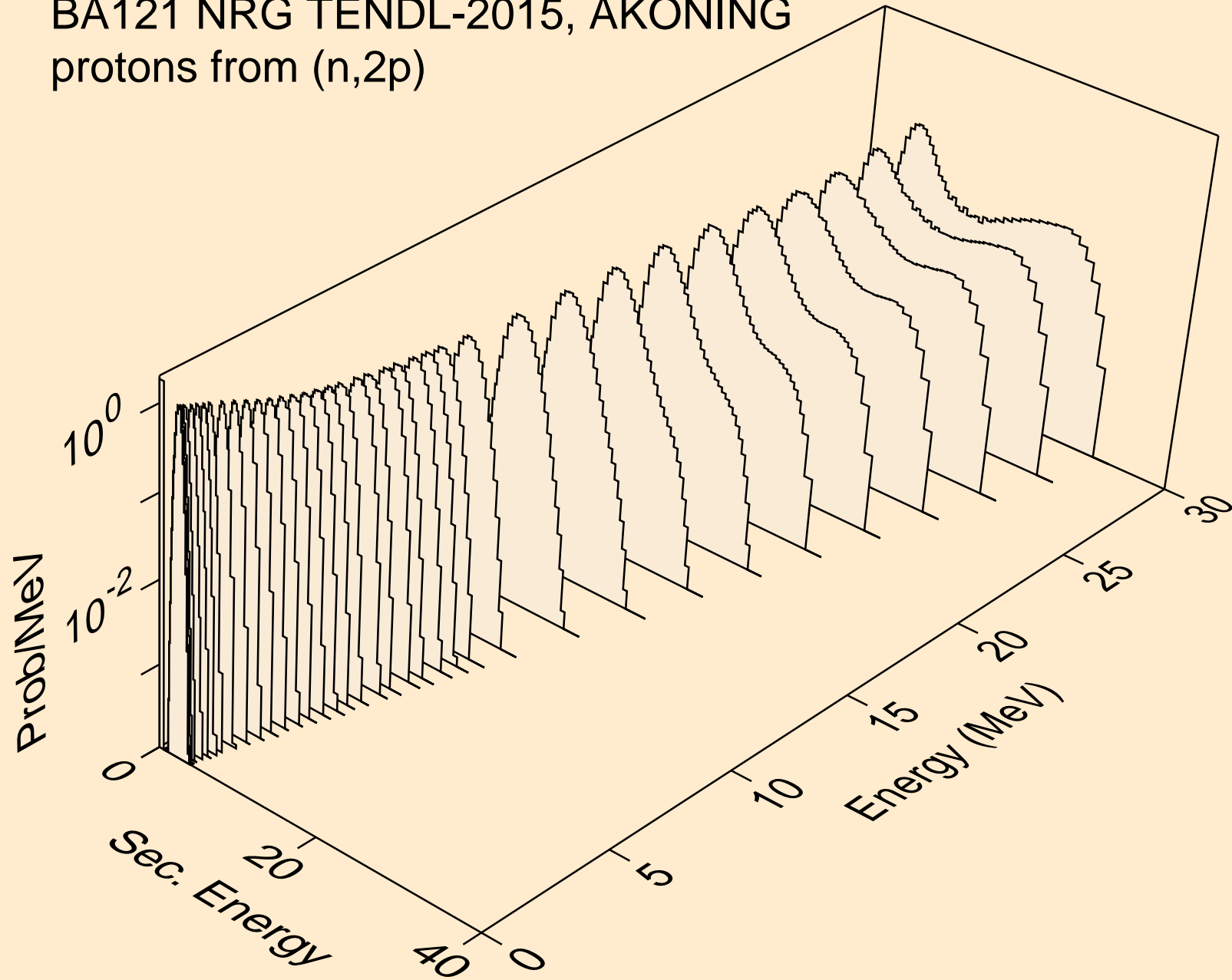




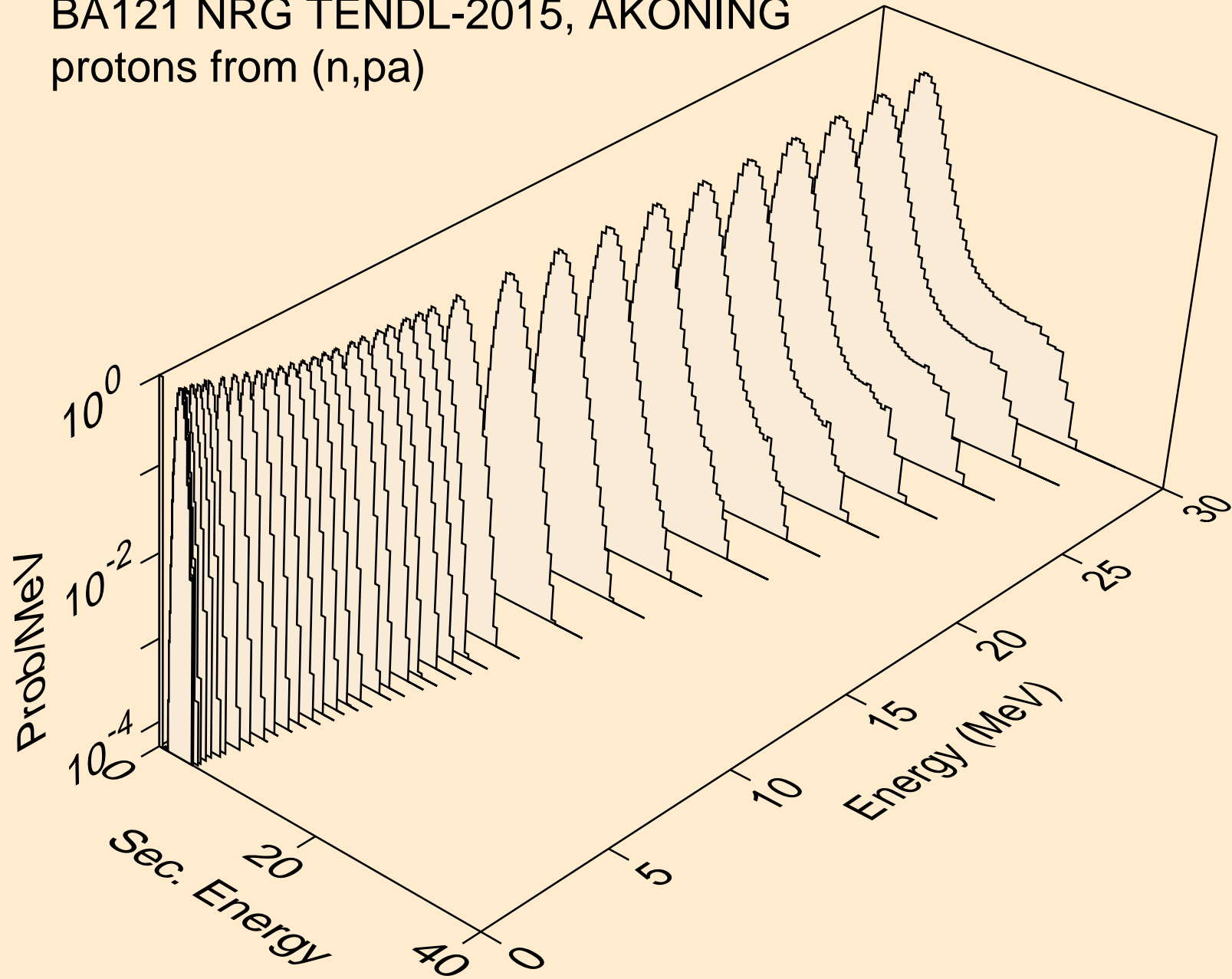
BA121 NRG TENDL-2015, AKONING  
protons from (n,p)



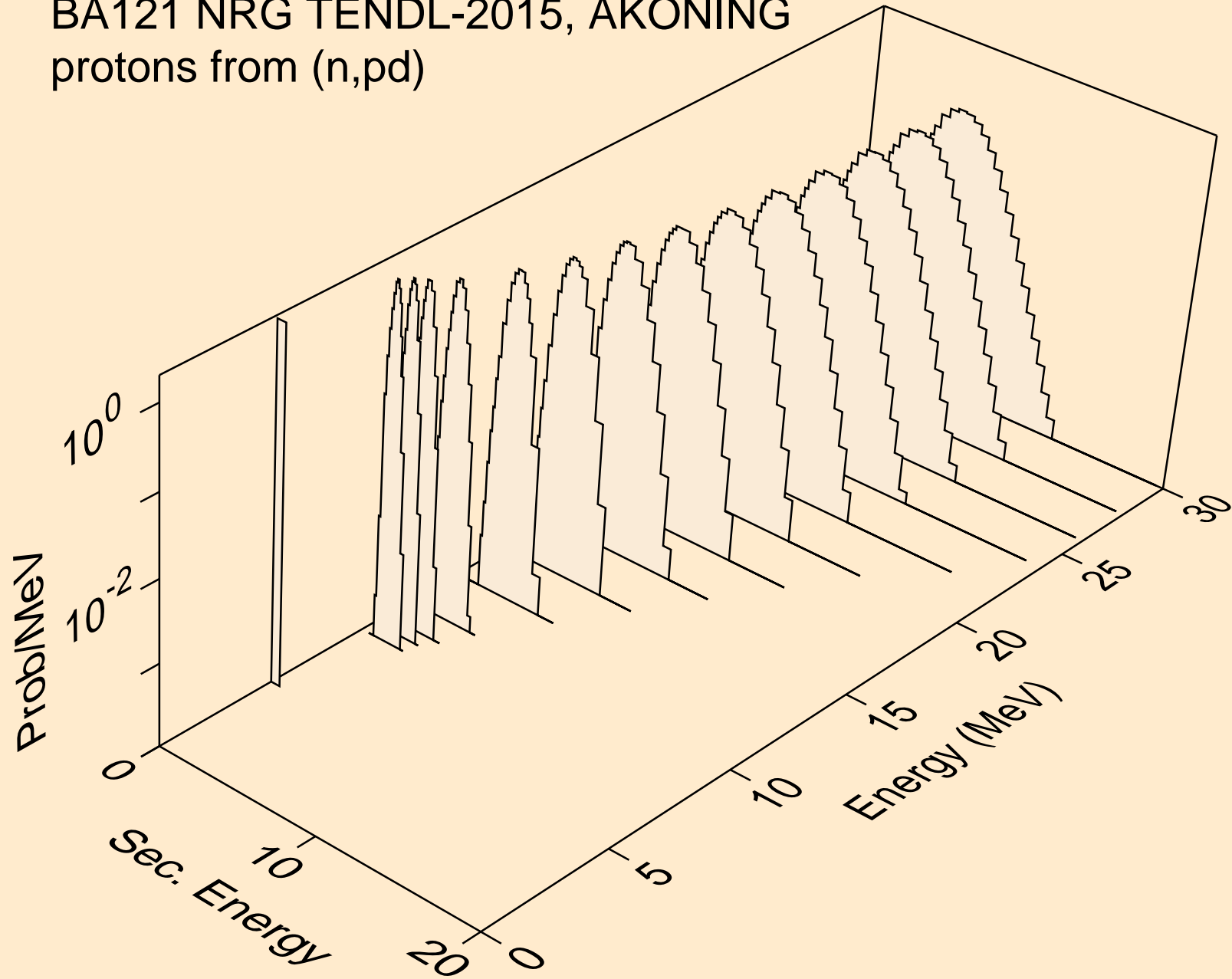
BA121 NRG TENDL-2015, AKONING  
protons from (n,2p)



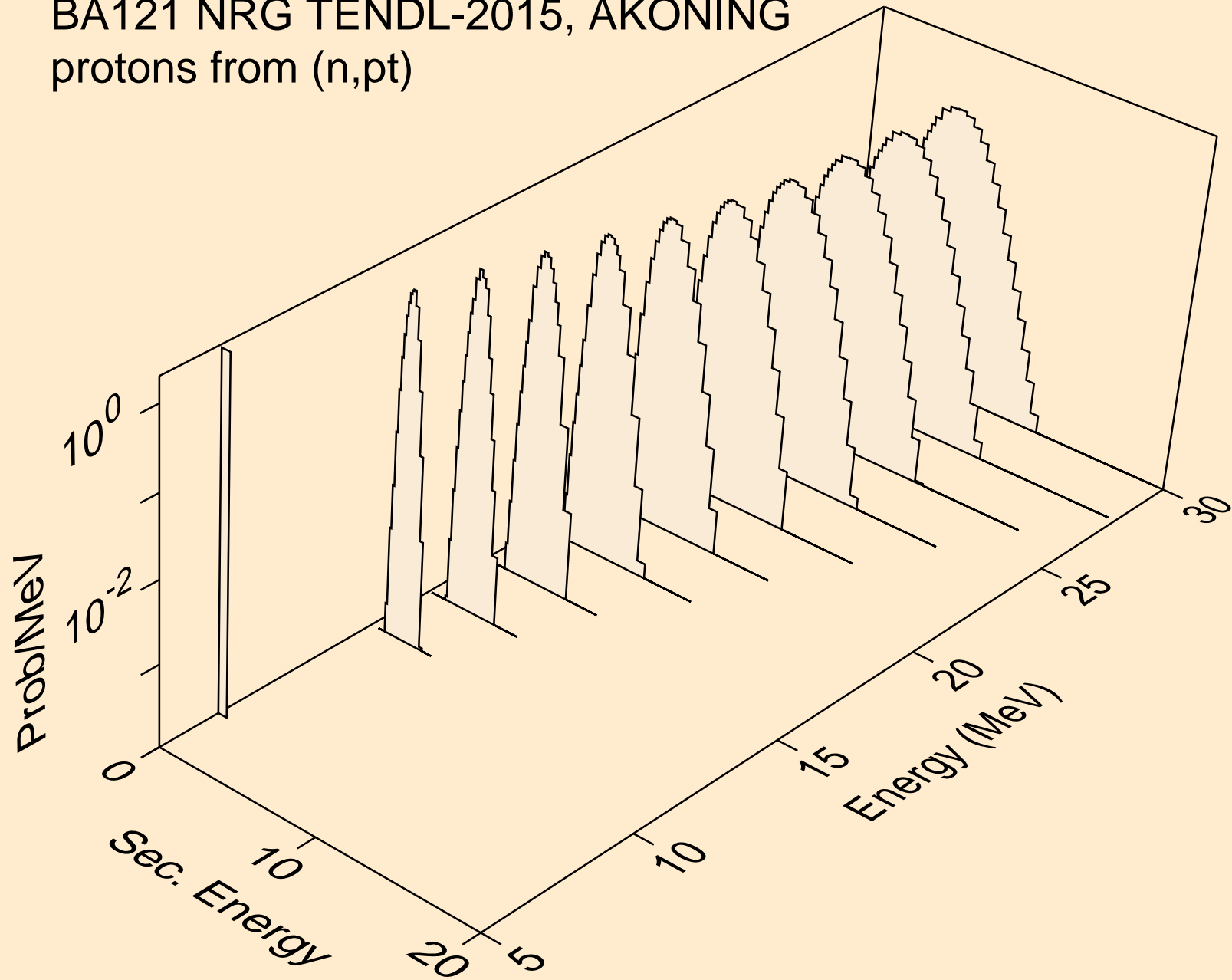
BA121 NRG TENDL-2015, AKONING  
protons from (n,pa)



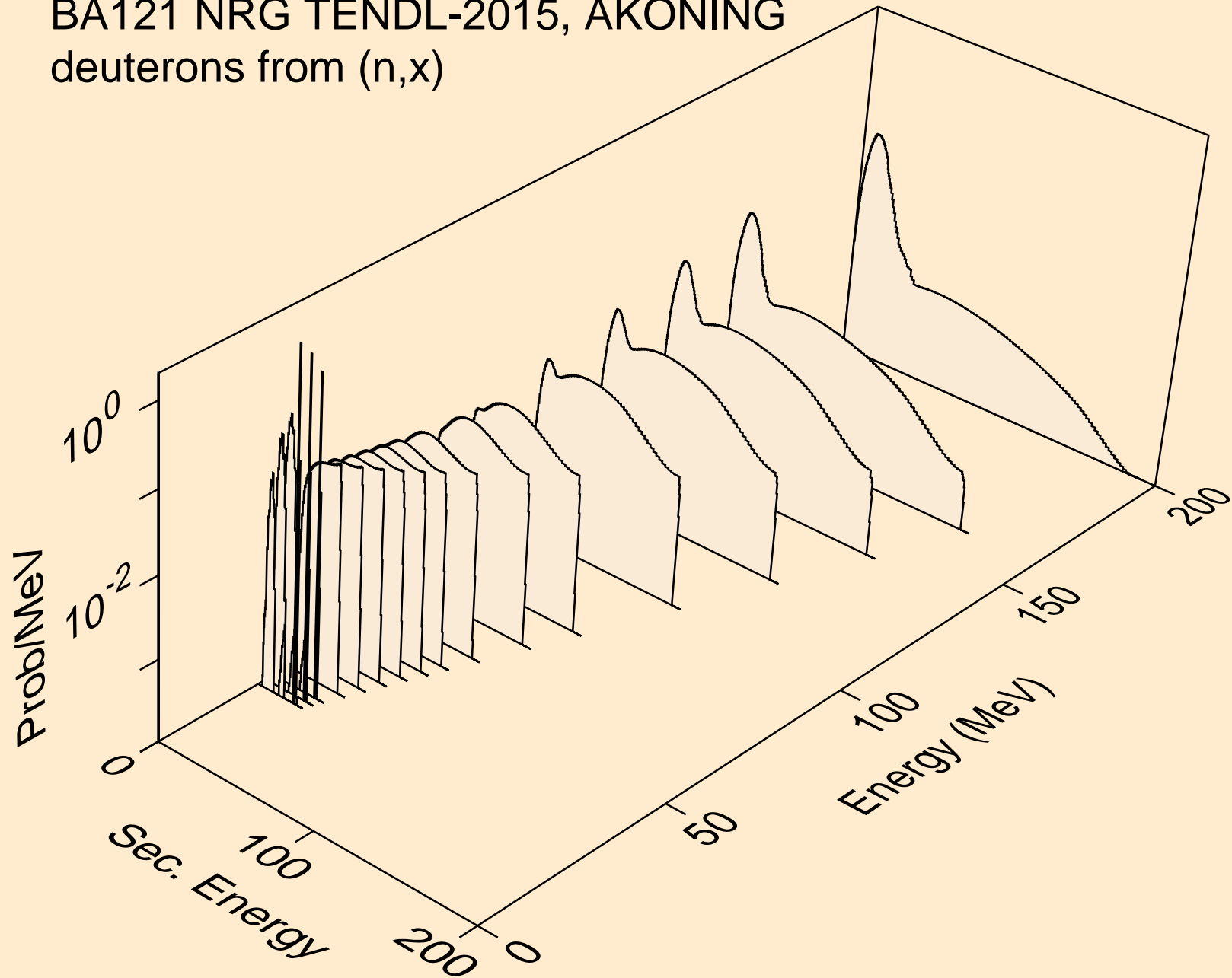
BA121 NRG TENDL-2015, AKONING  
protons from (n,pd)



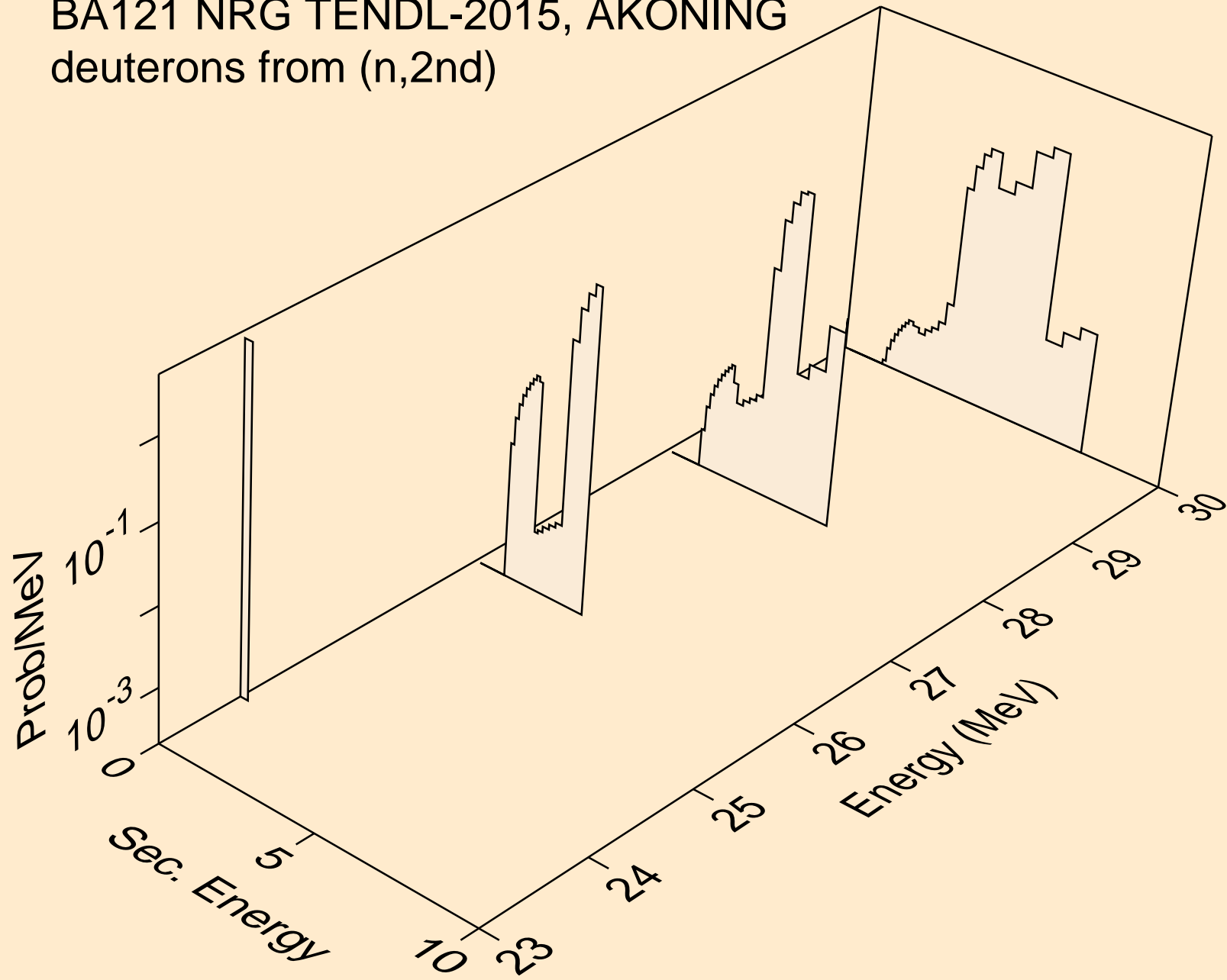
BA121 NRG TENDL-2015, AKONING  
protons from (n,pt)



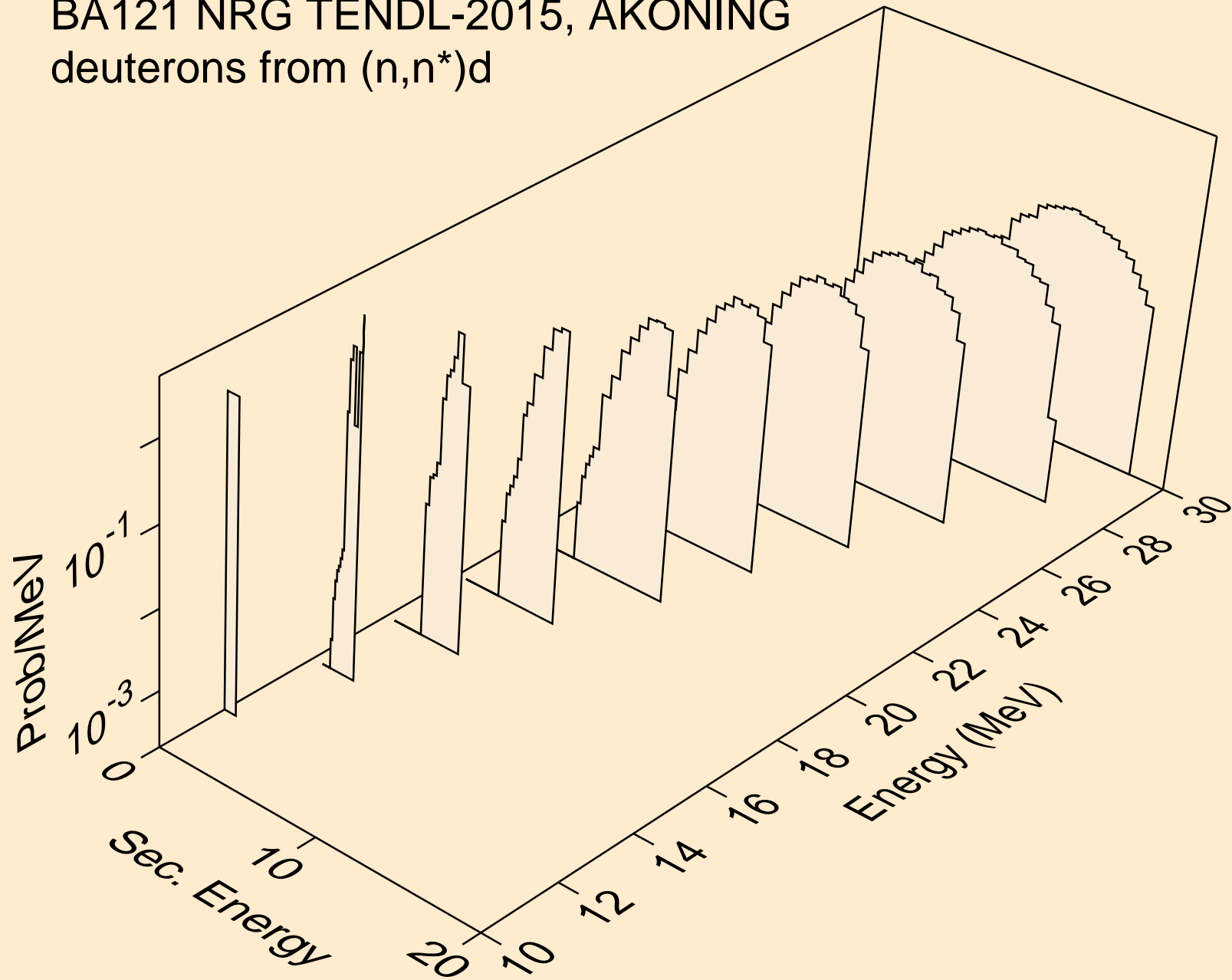
BA121 NRG TENDL-2015, AKONING  
deuterons from (n,x)



BA121 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)

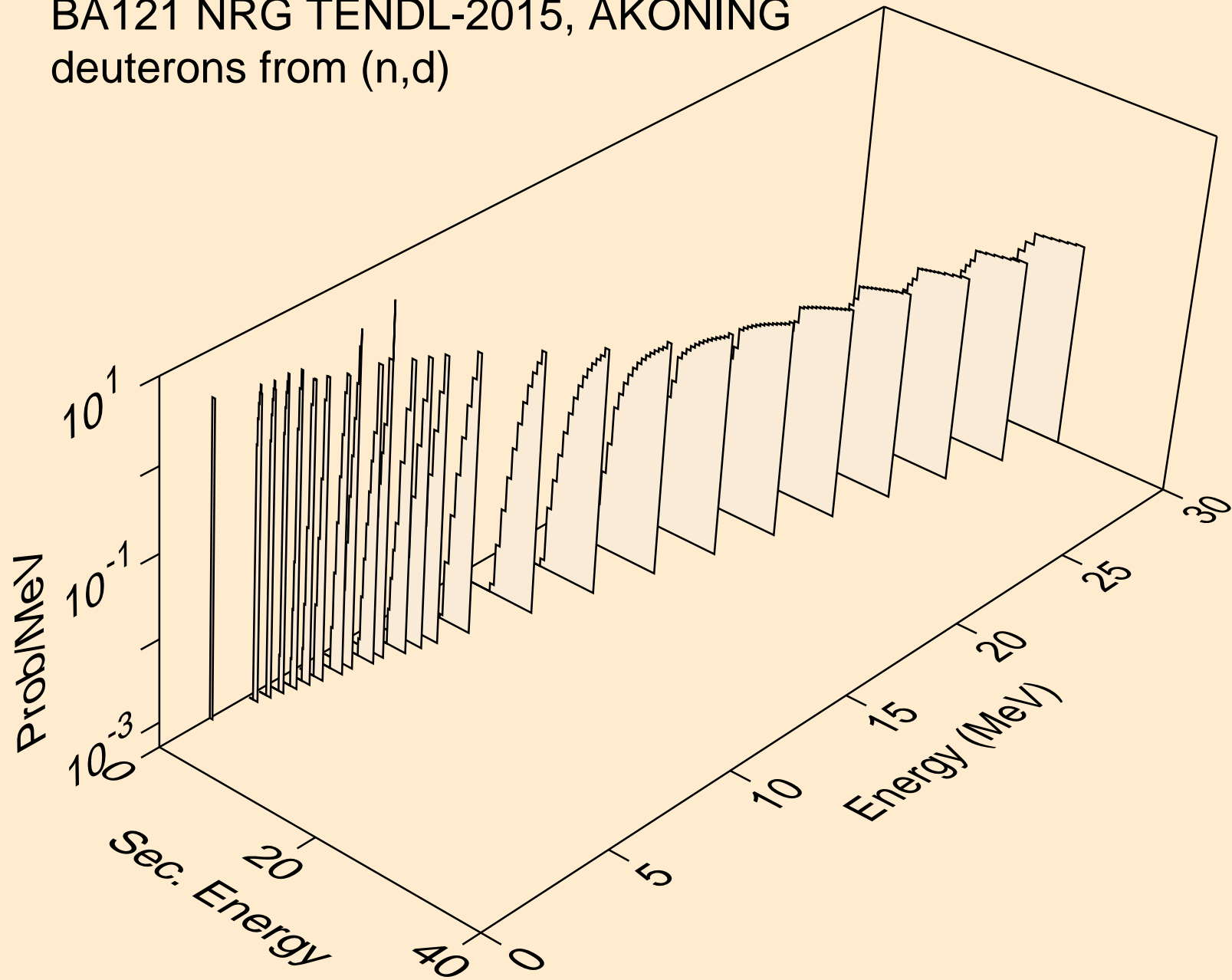


BA121 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d

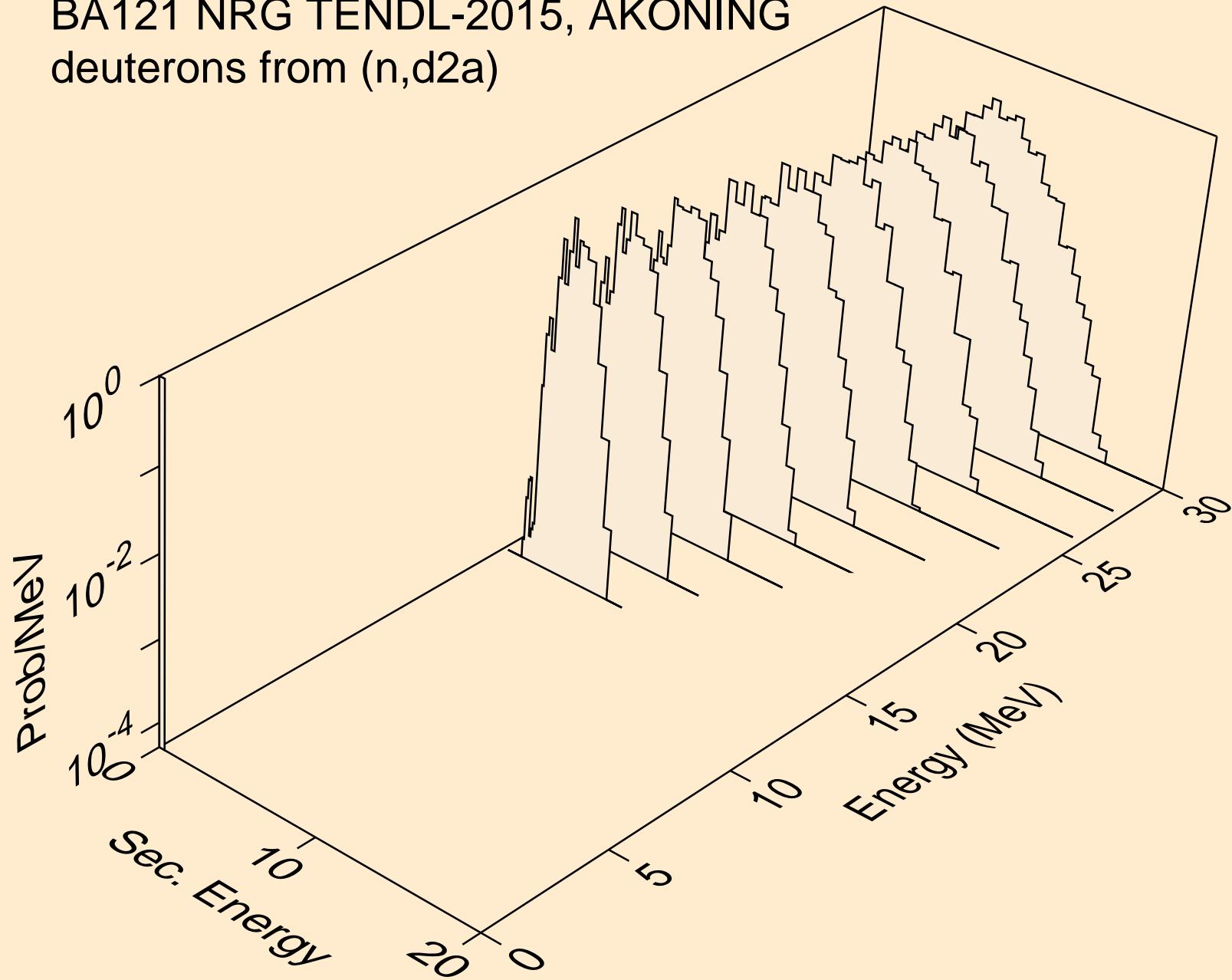




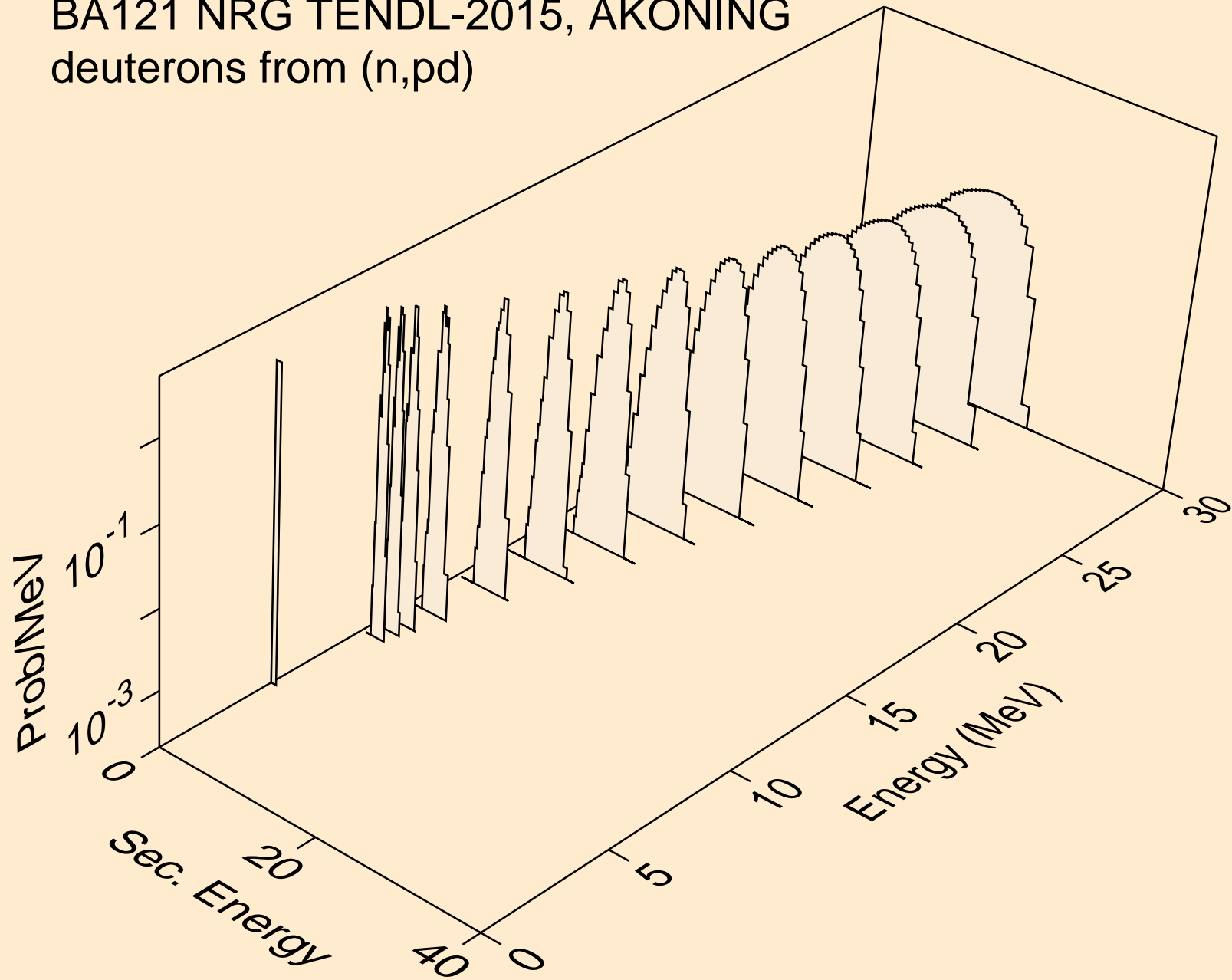
BA121 NRG TENDL-2015, AKONING  
deuterons from (n,d)



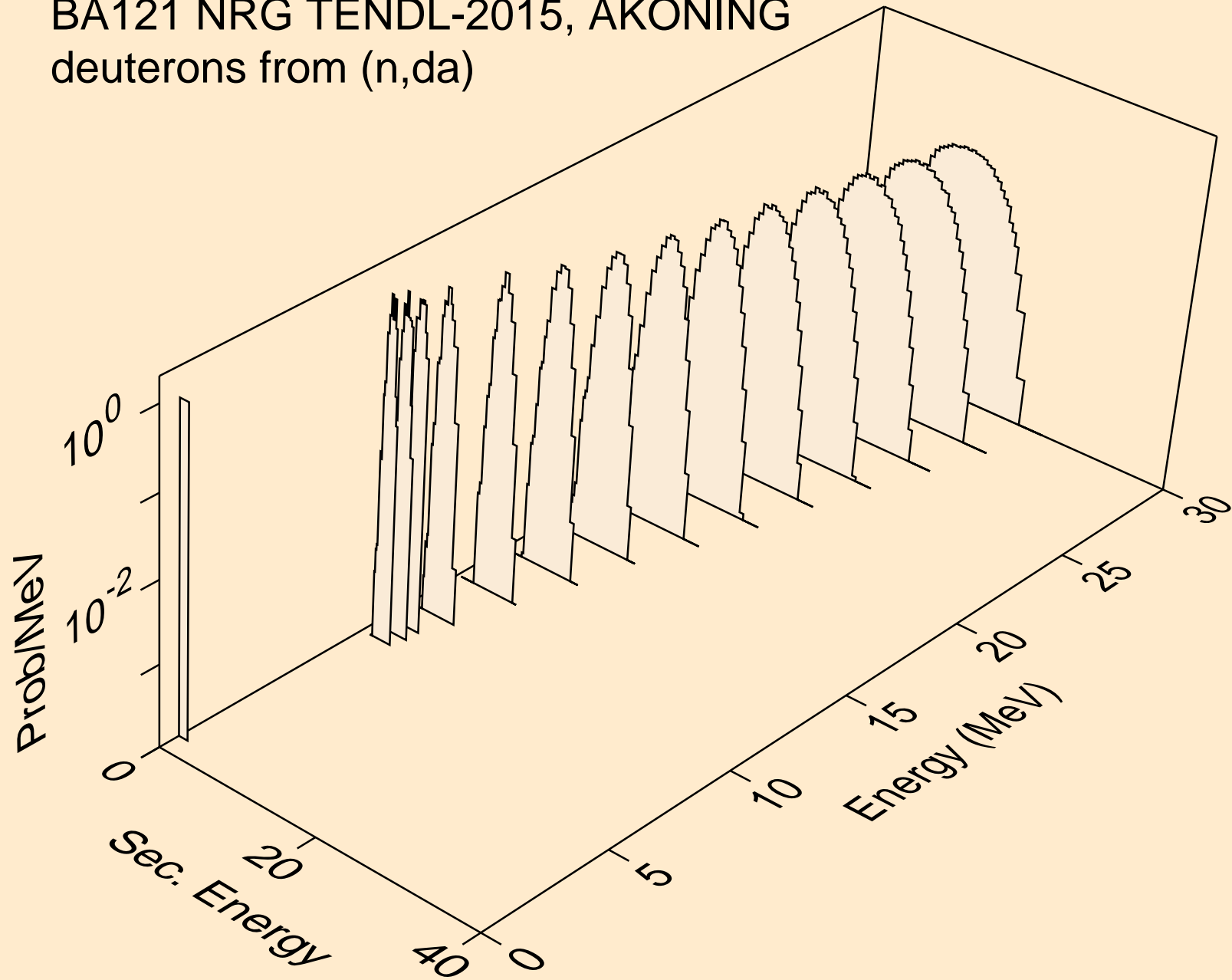
BA121 NRG TENDL-2015, AKONING  
deuterons from (n,d2a)



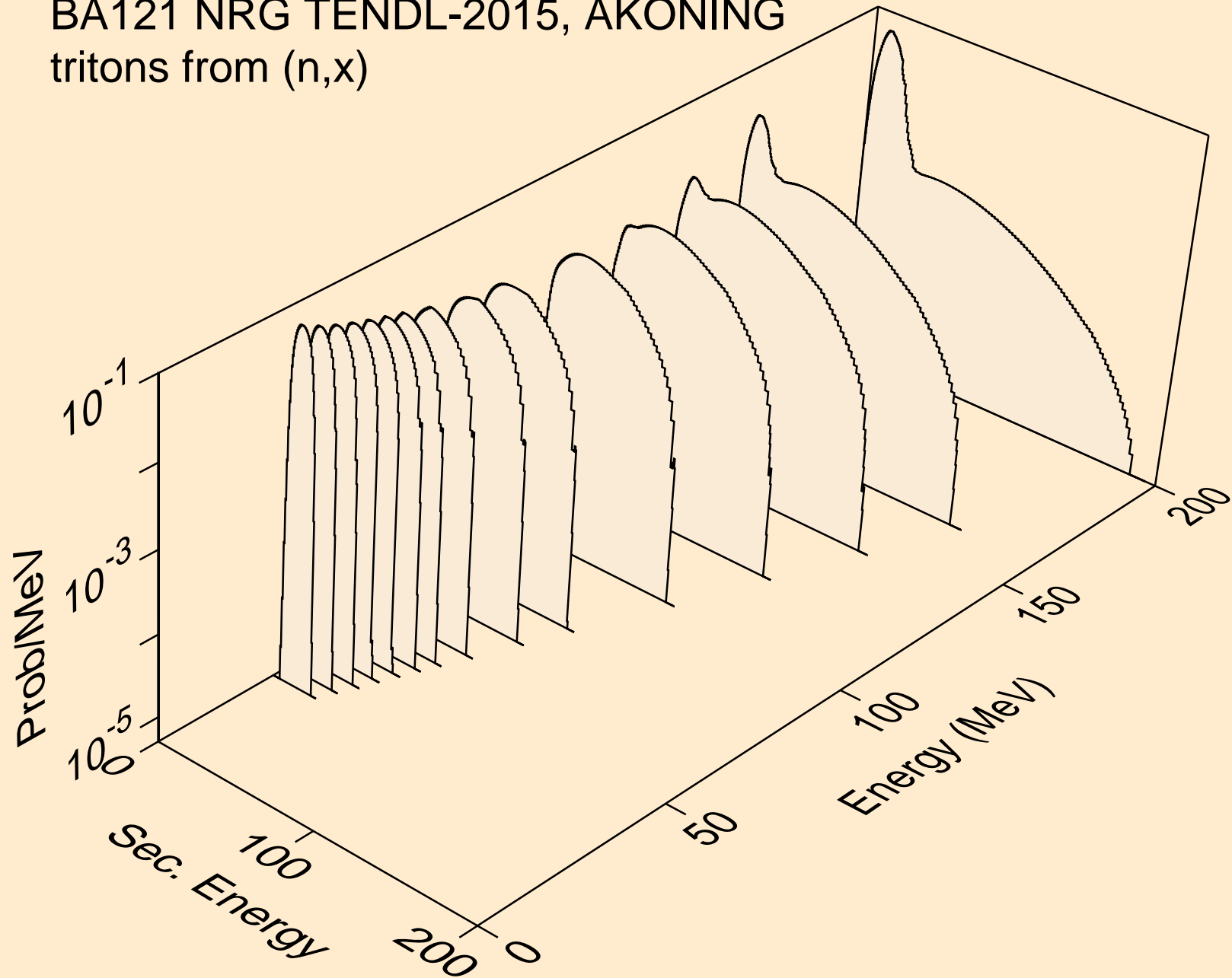
BA121 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



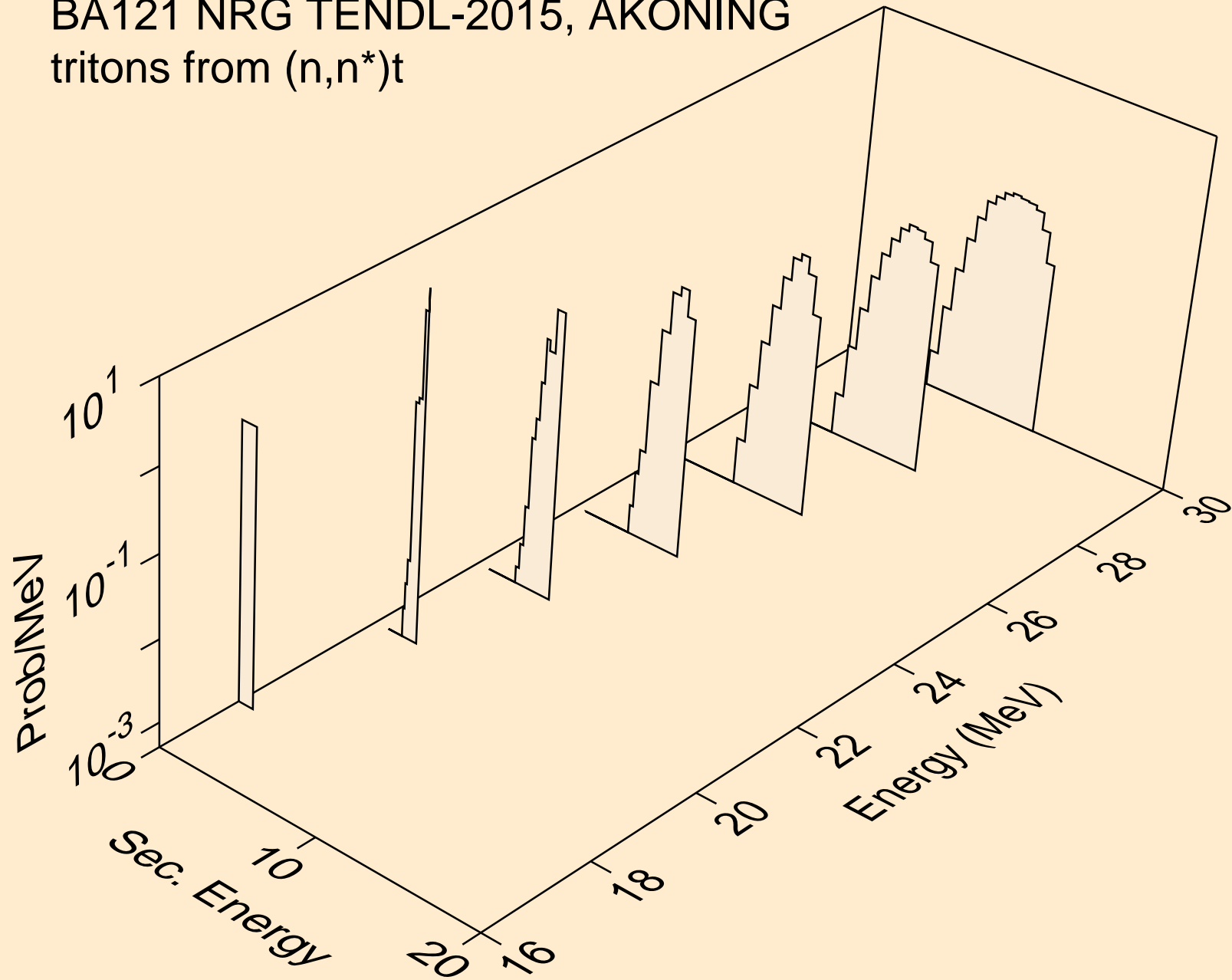
BA121 NRG TENDL-2015, AKONING  
deuterons from (n,da)



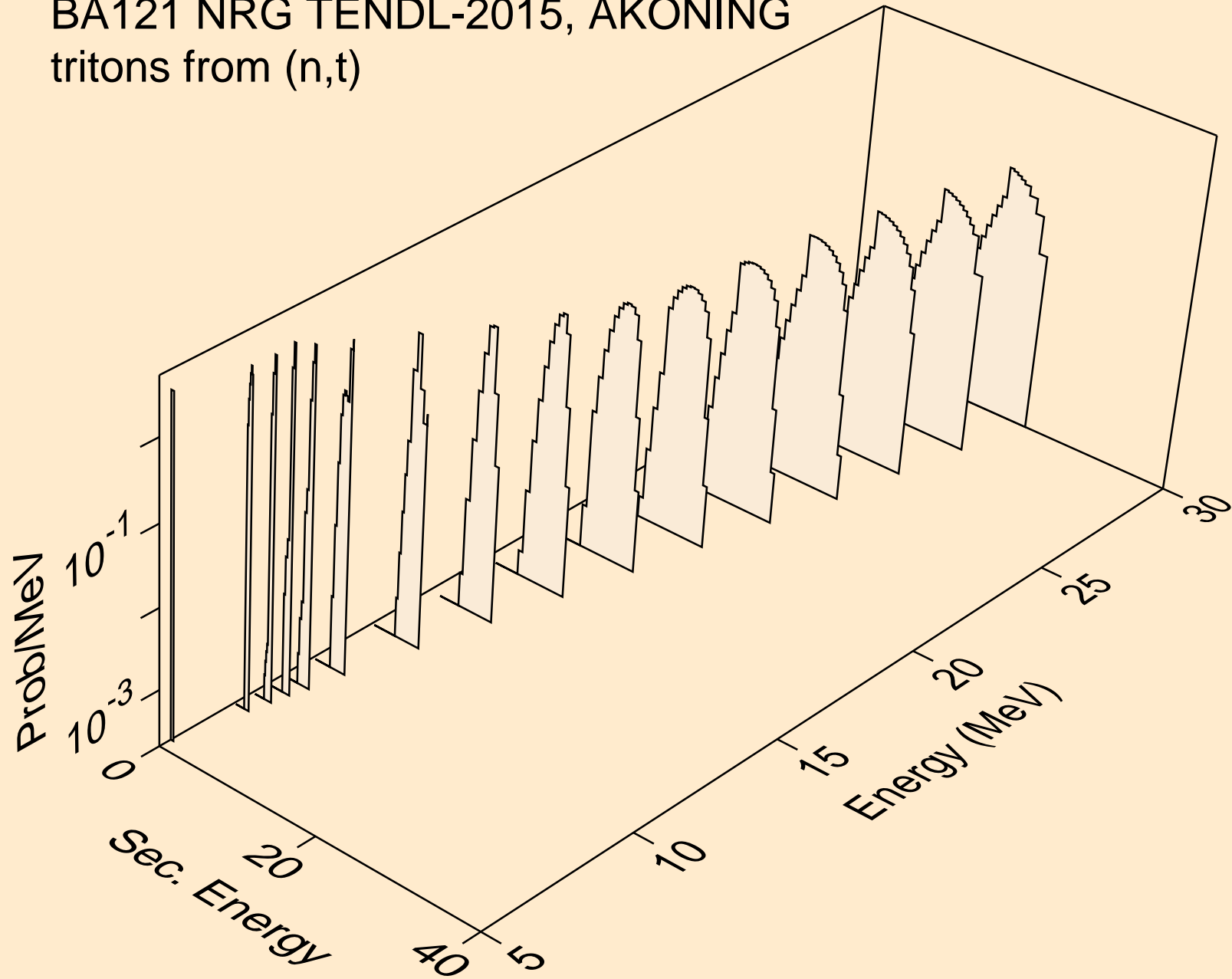
BA121 NRG TENDL-2015, AKONING  
tritons from (n,x)



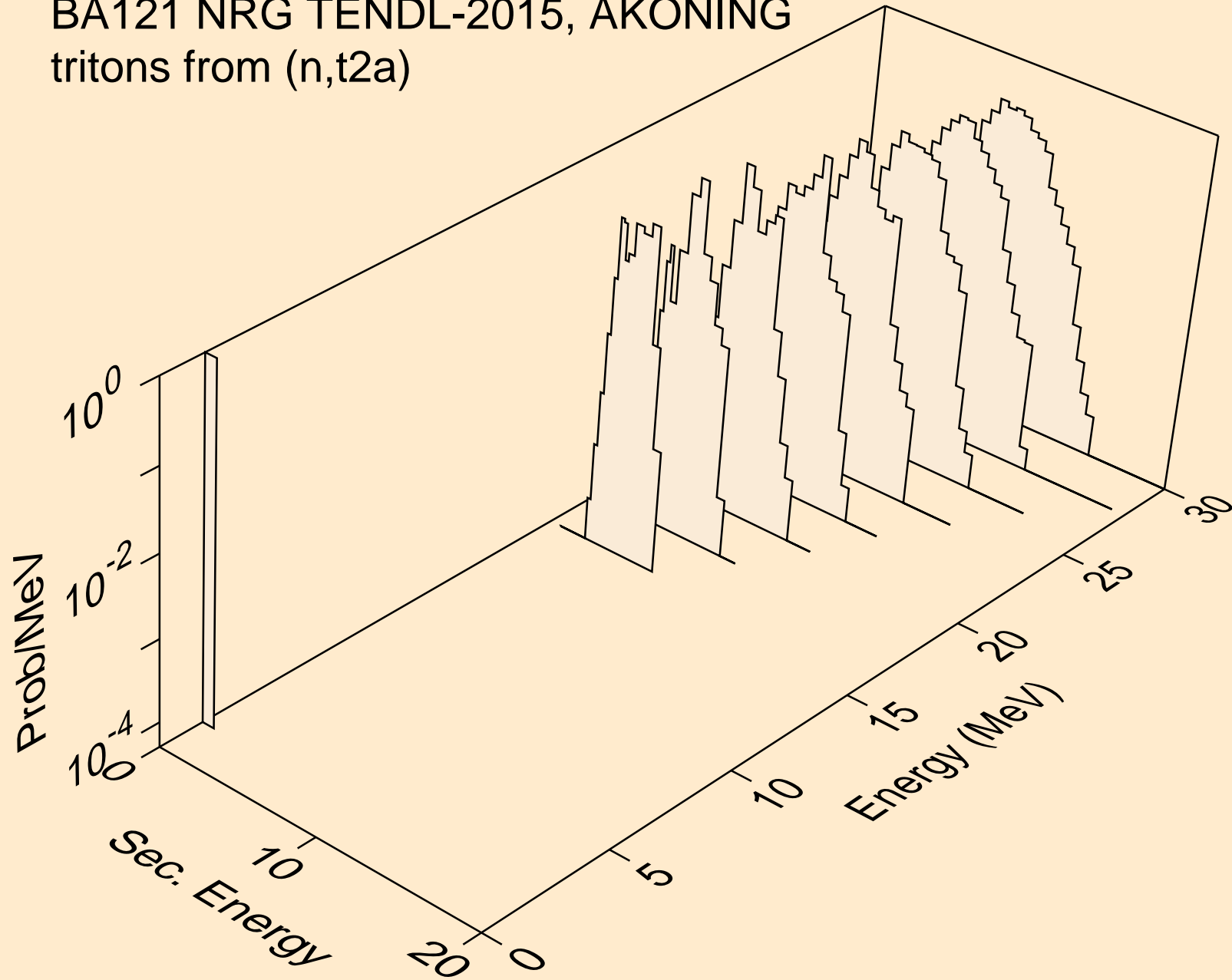
BA121 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



BA121 NRG TENDL-2015, AKONING  
tritons from (n,t)

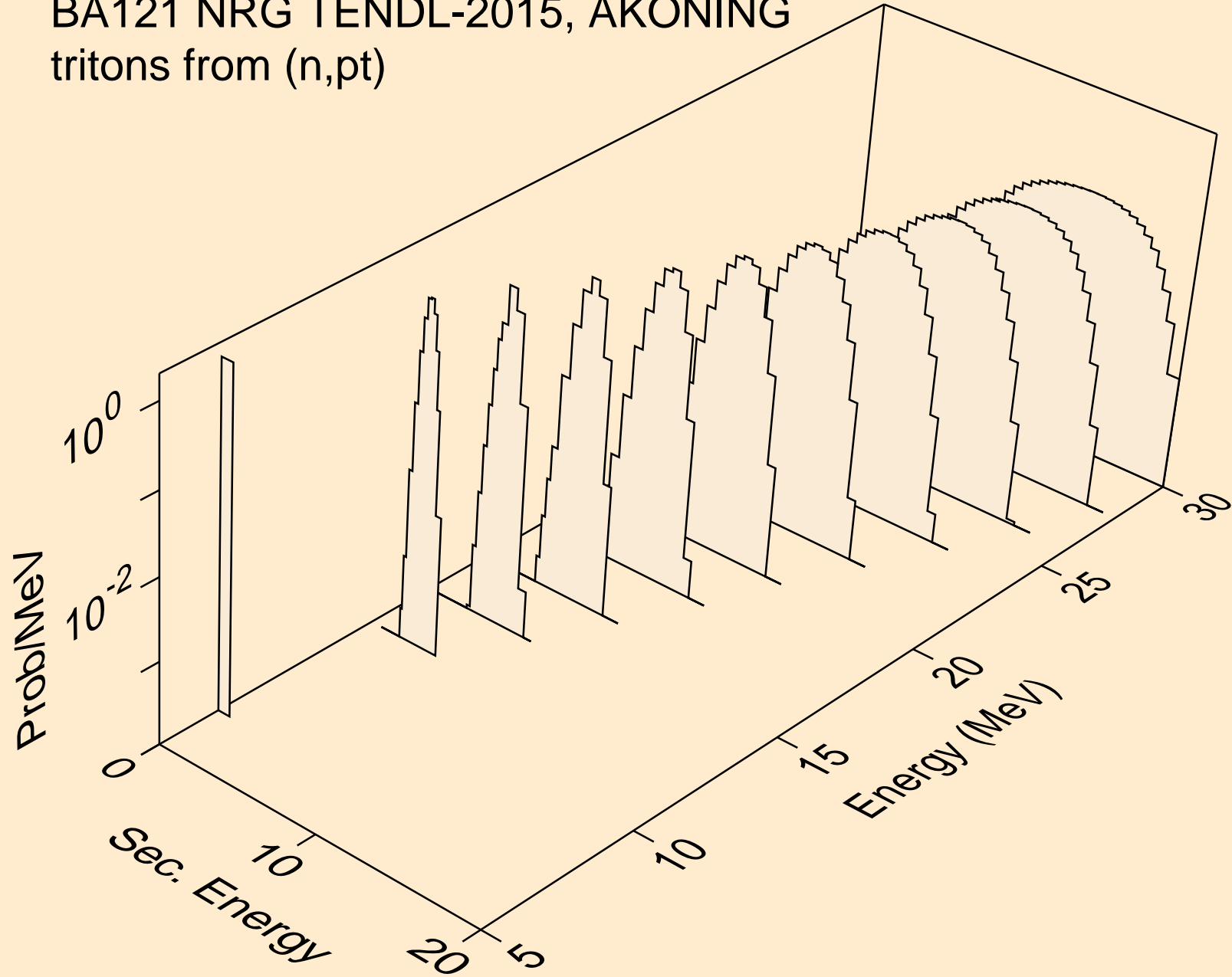


BA121 NRG TENDL-2015, AKONING  
tritons from (n,t2a)

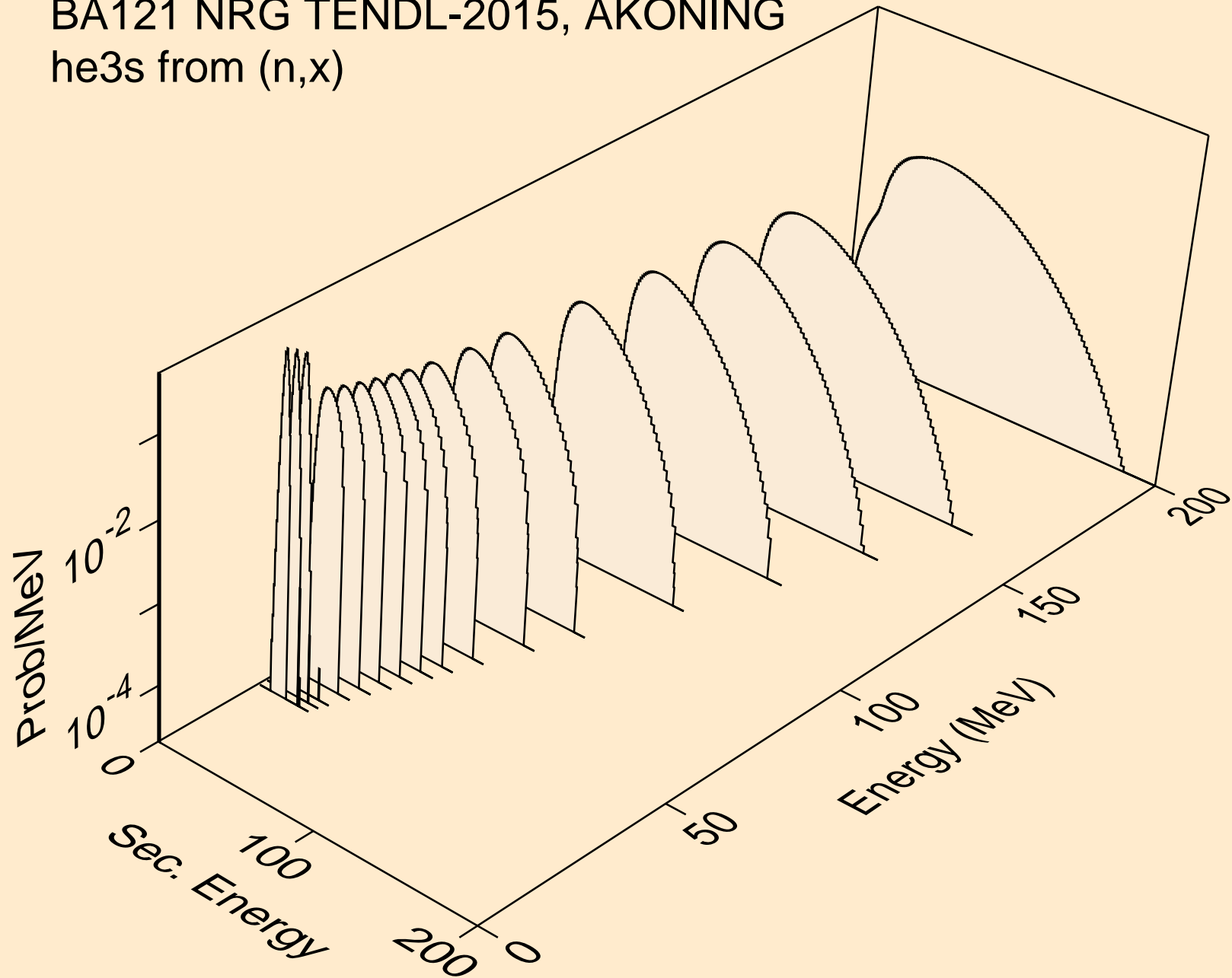




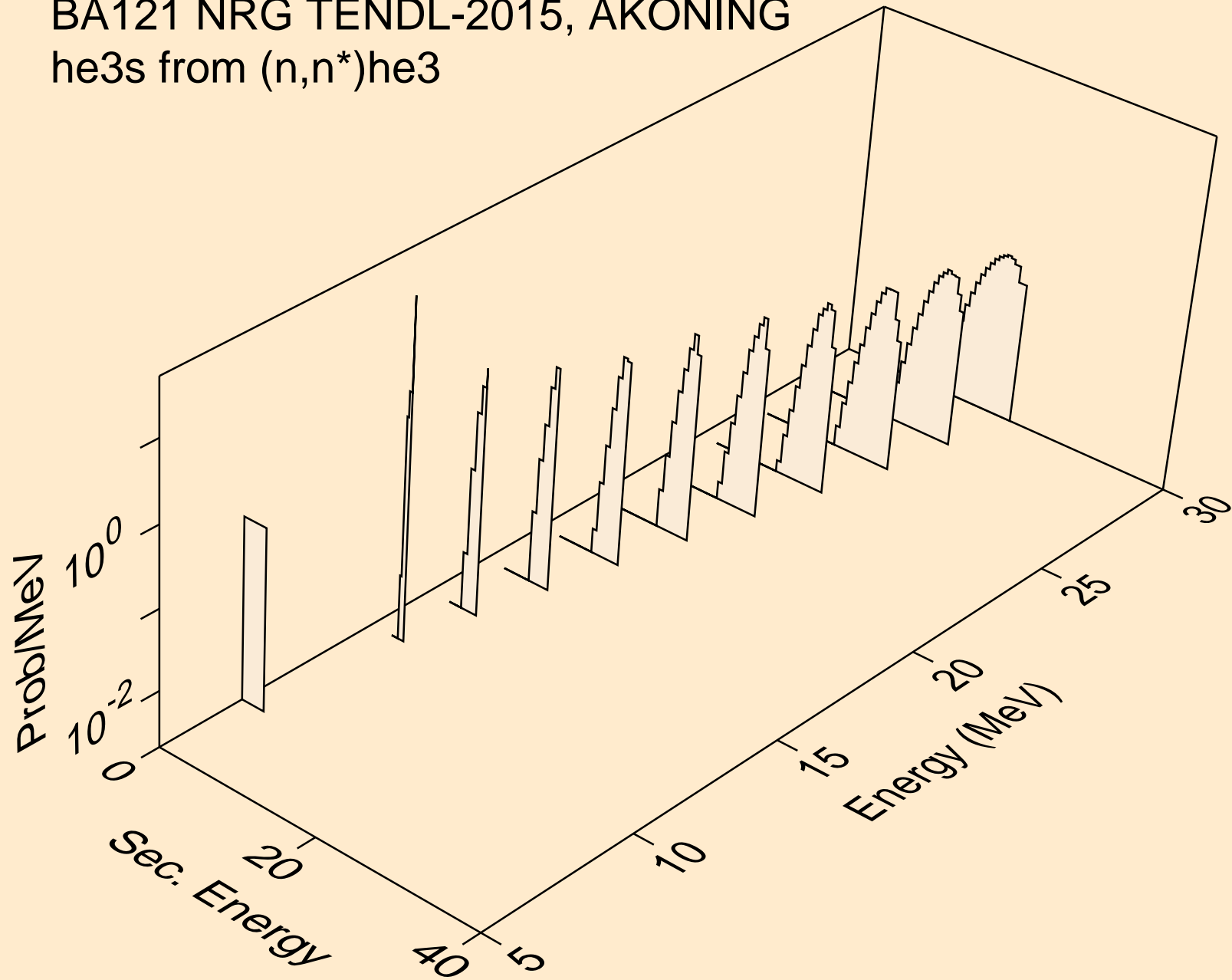
BA121 NRG TENDL-2015, AKONING  
tritons from (n,pt)



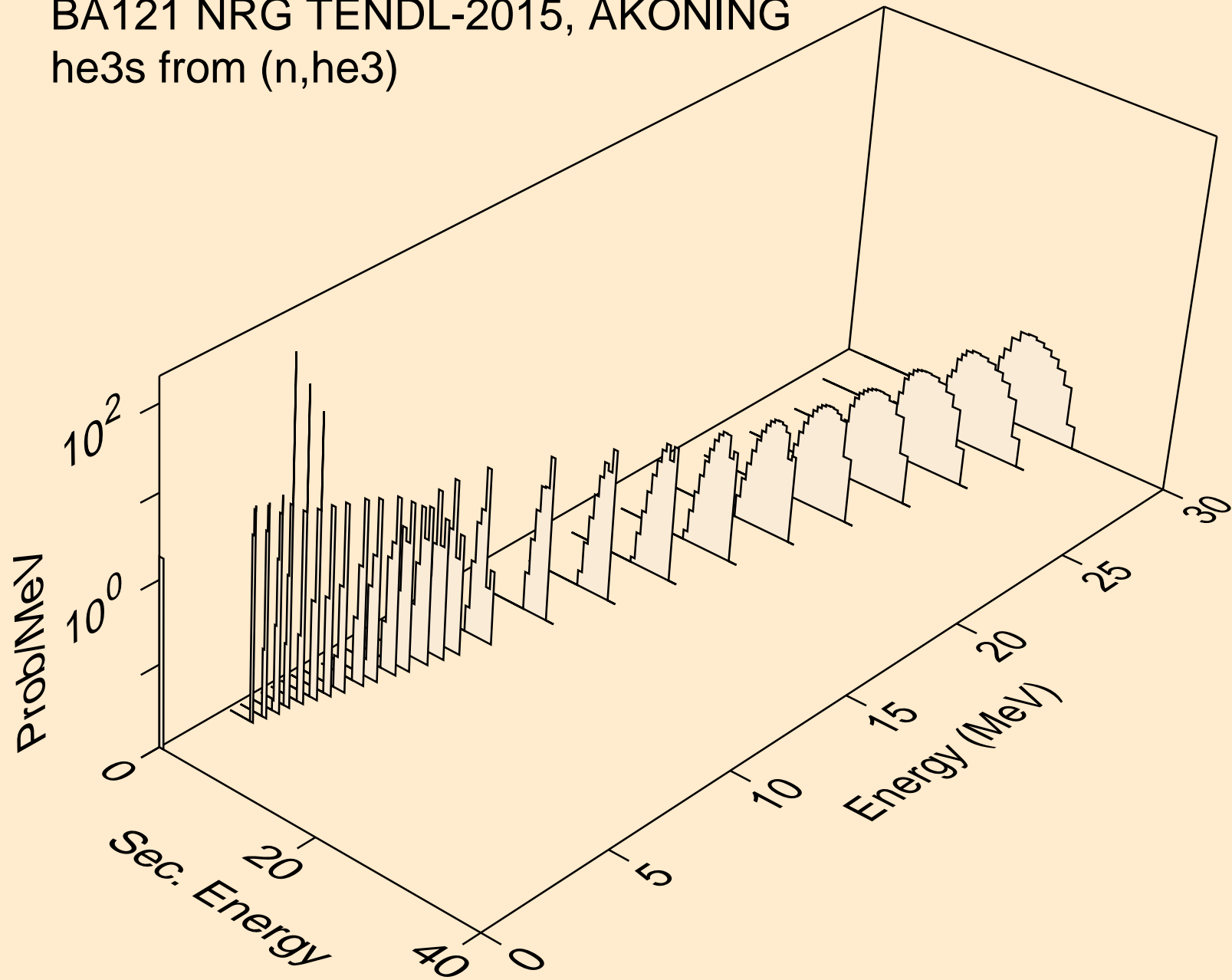
BA121 NRG TENDL-2015, AKONING  
he3s from (n,x)



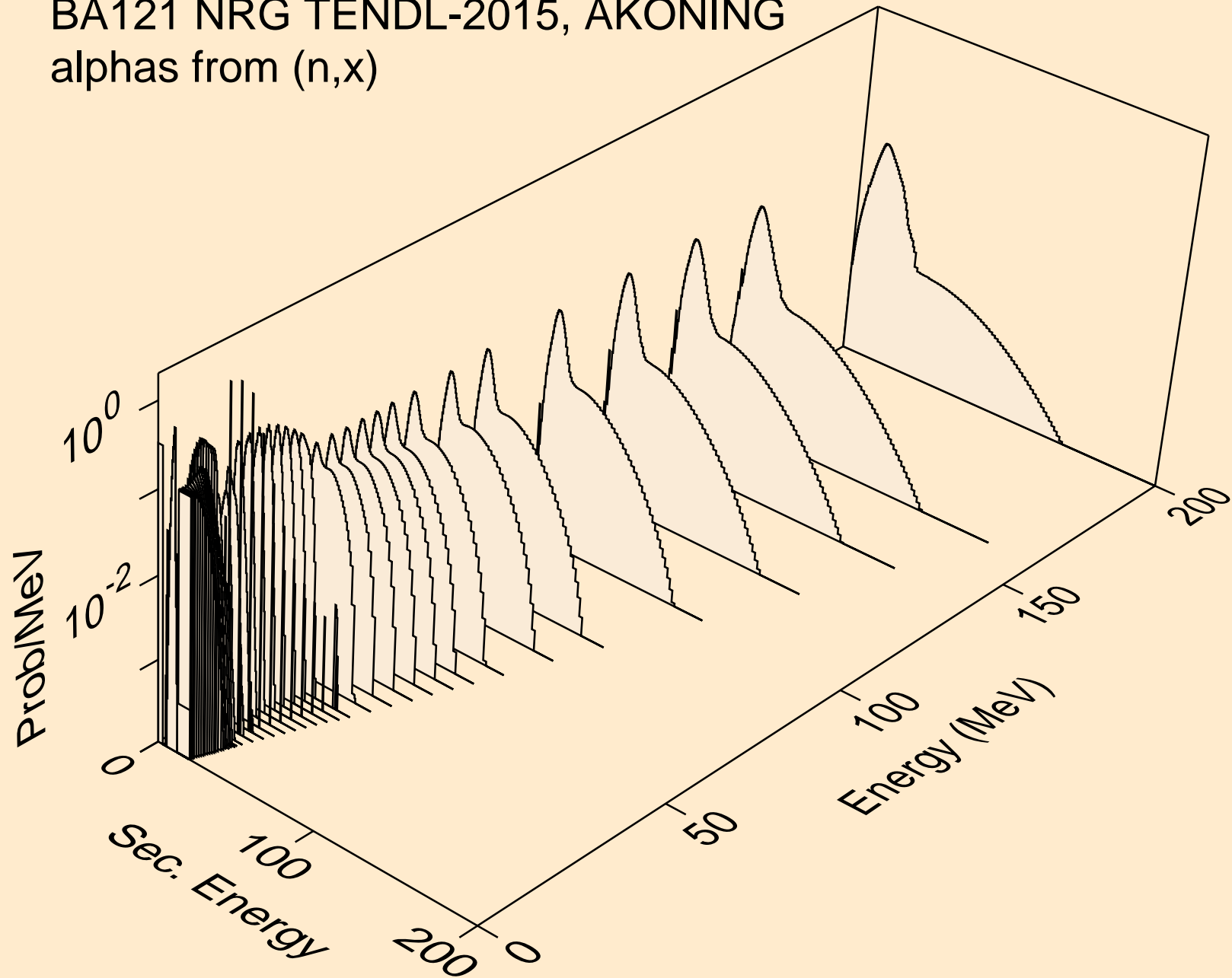
BA121 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



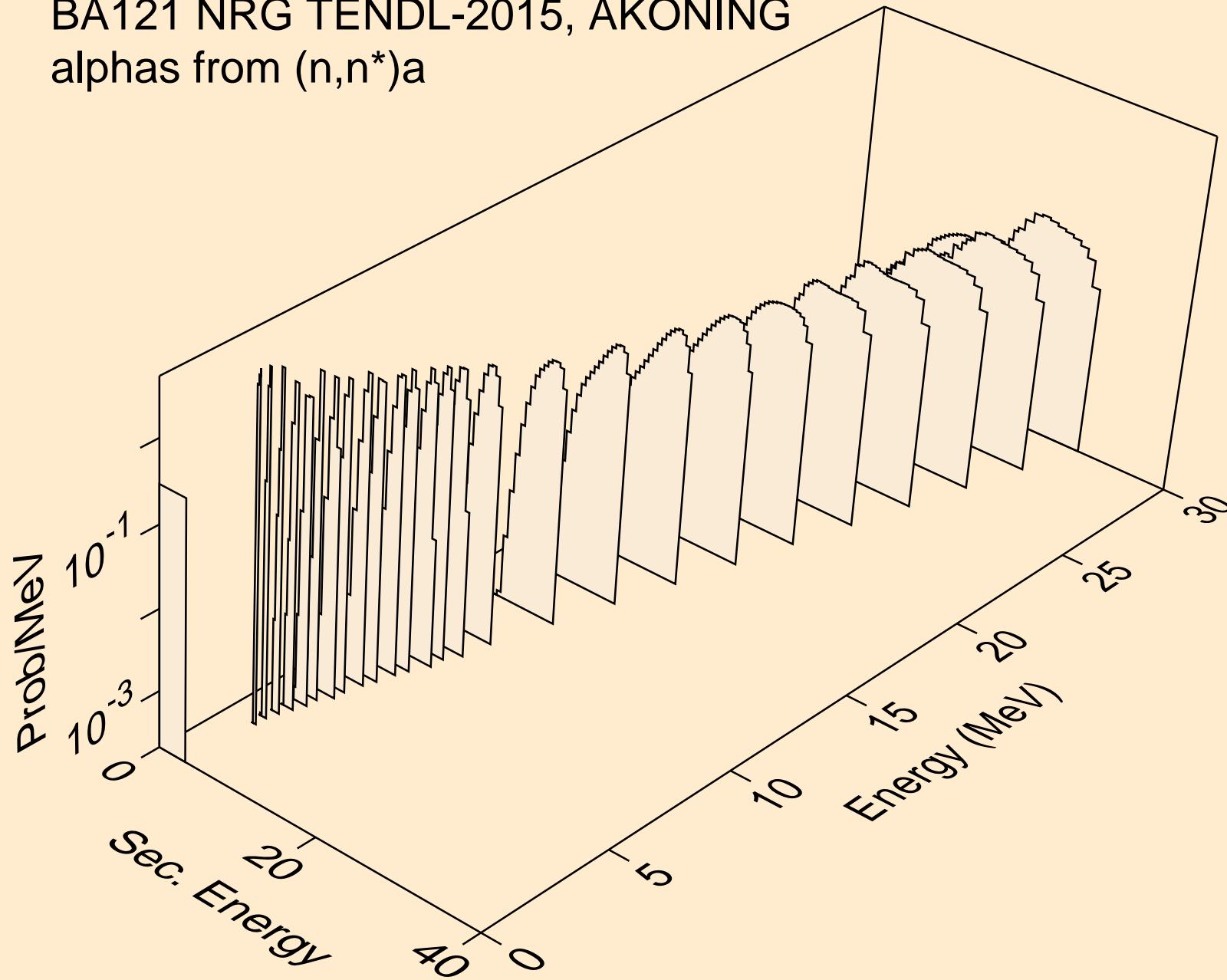
BA121 NRG TENDL-2015, AKONING  
he3s from (n,he3)



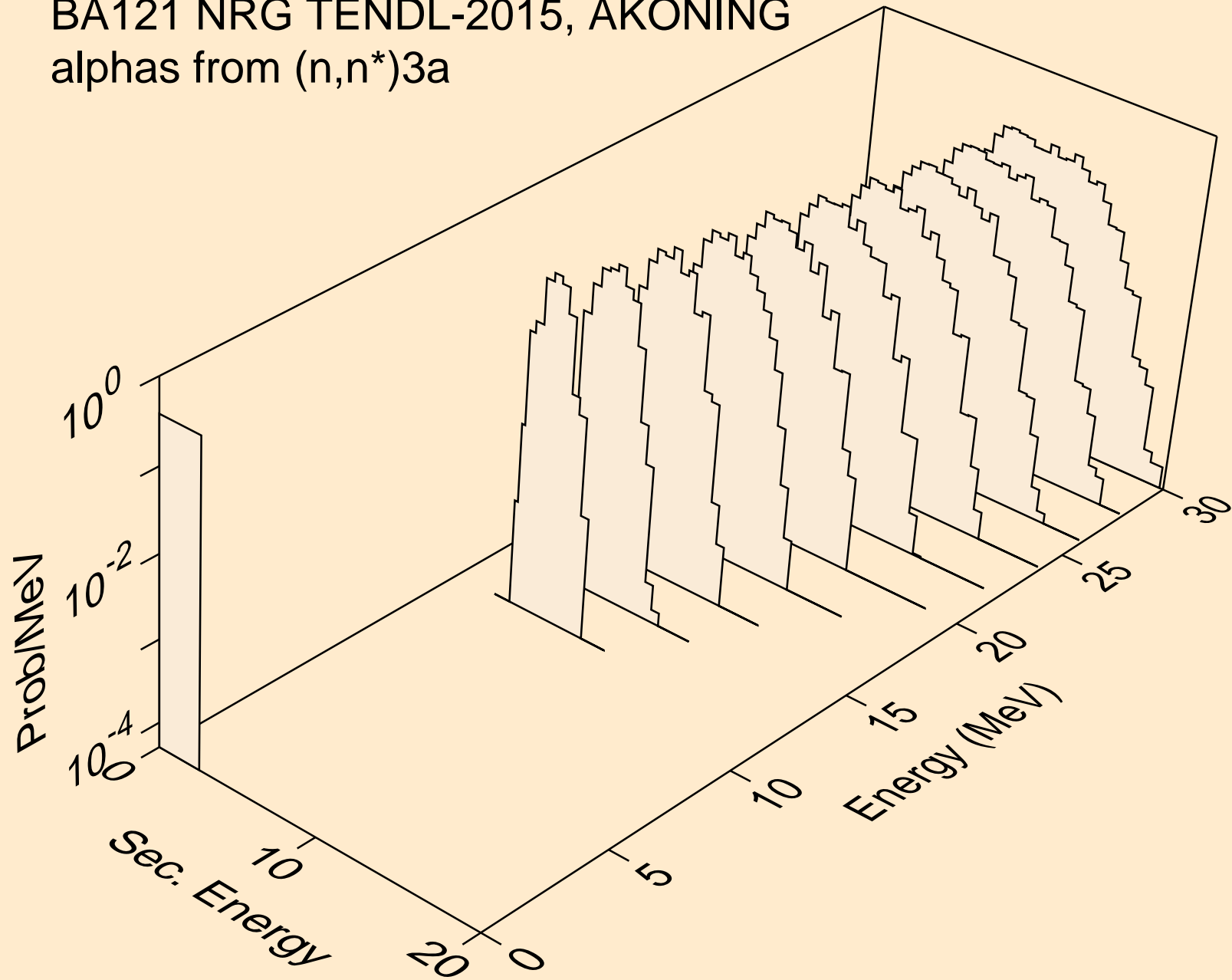
BA121 NRG TENDL-2015, AKONING  
alphas from (n,x)



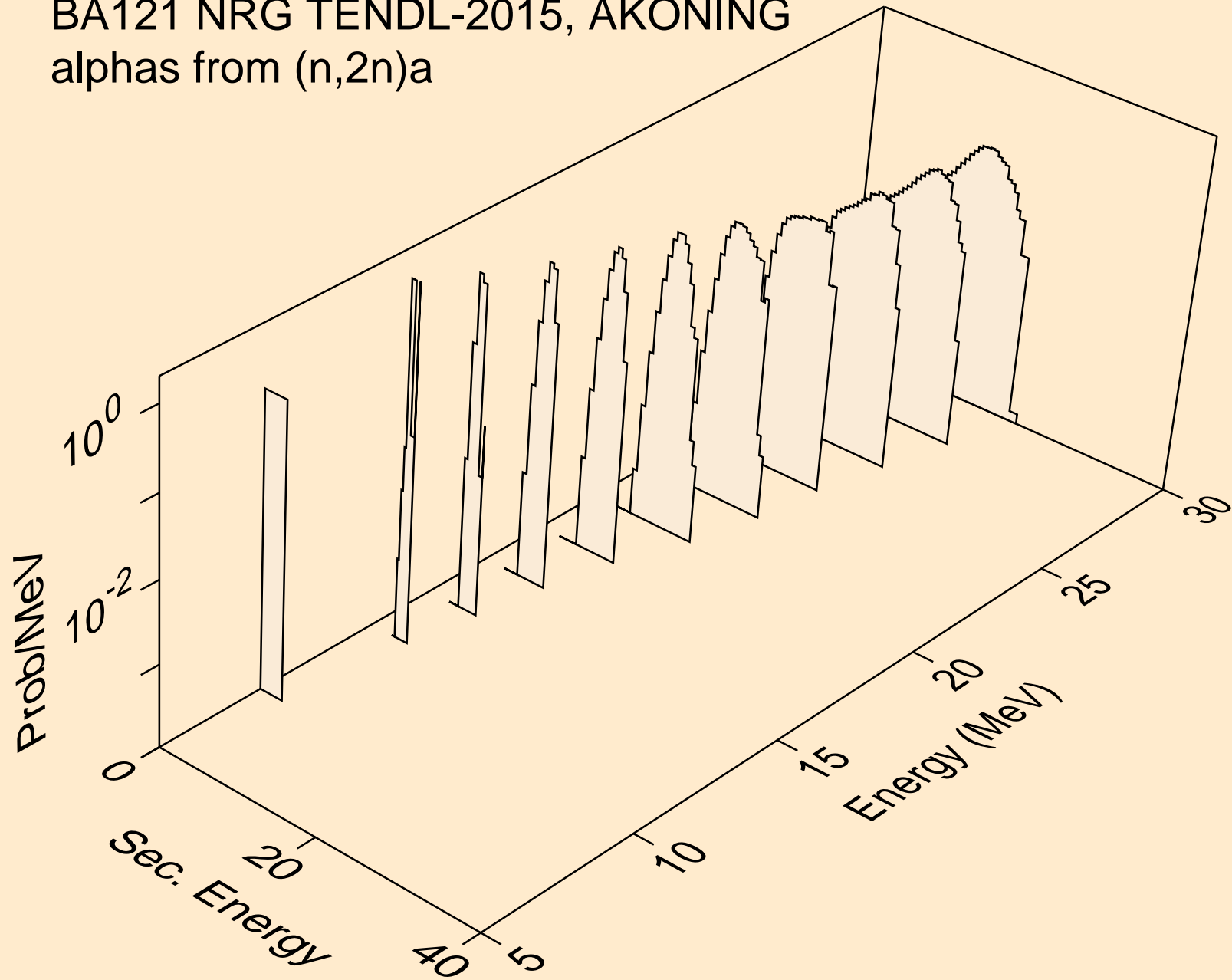
BA121 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



BA121 NRG TENDL-2015, AKONING  
alphas from (n,n\*)3a

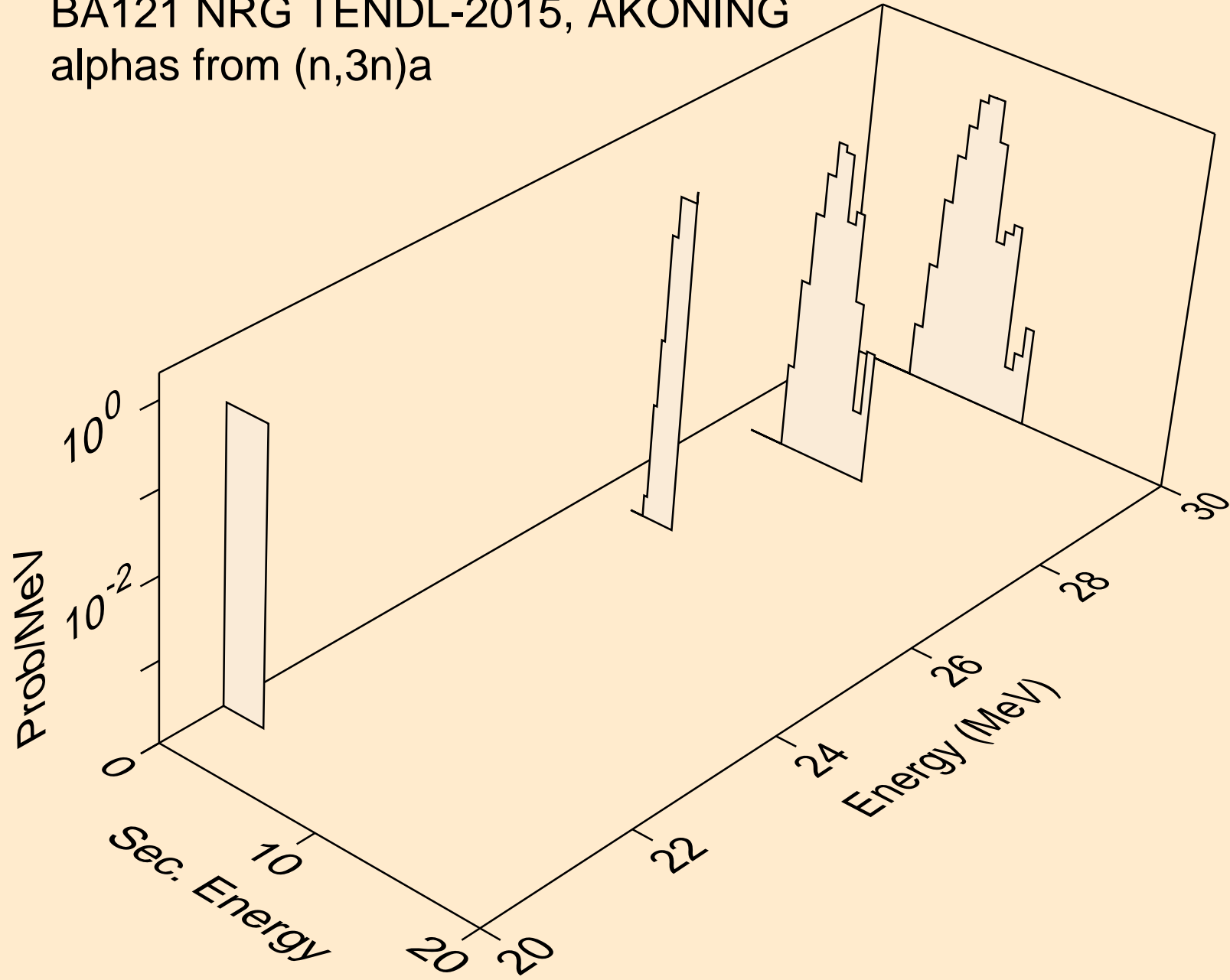


BA121 NRG TENDL-2015, AKONING  
alphas from (n,2n)a

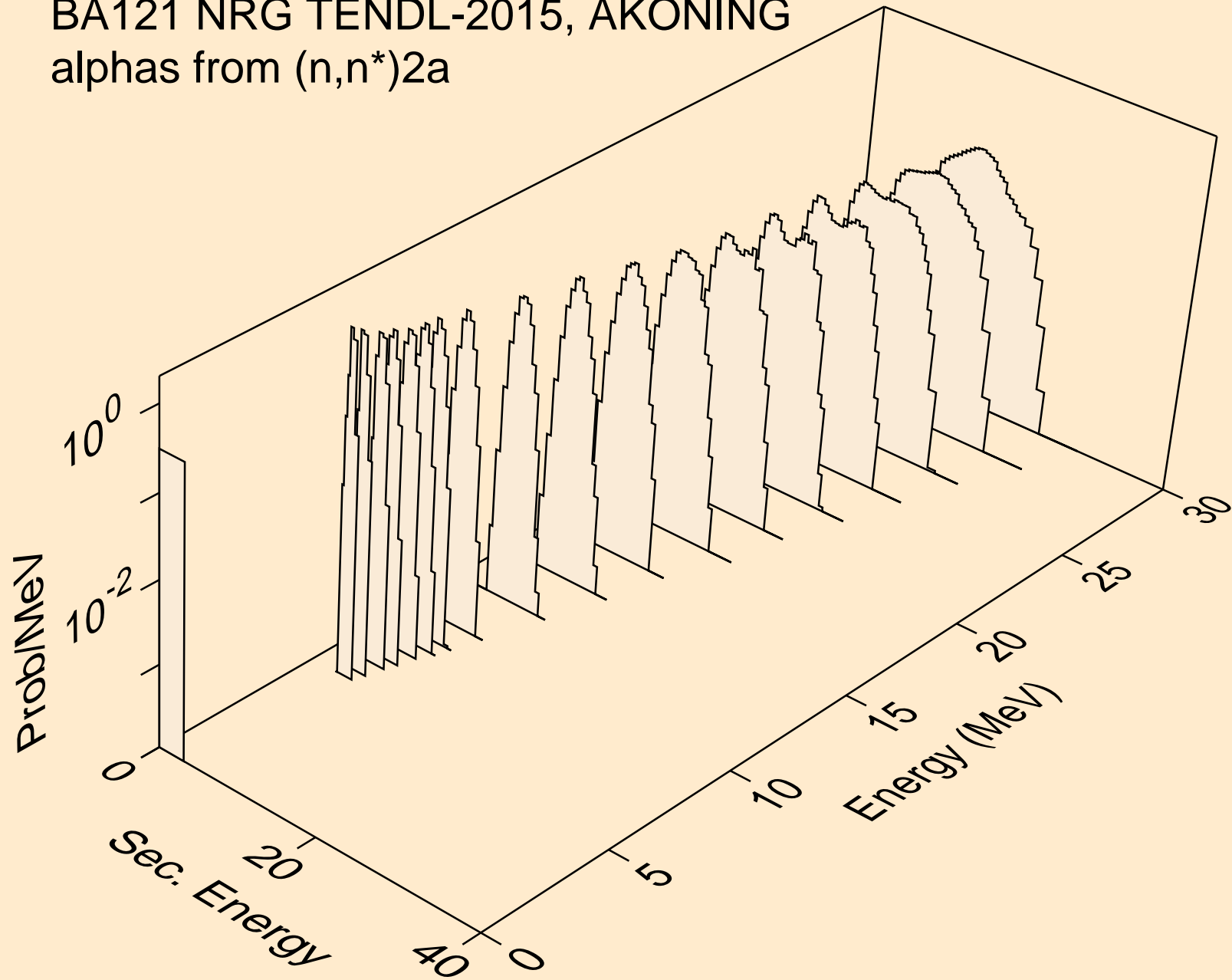




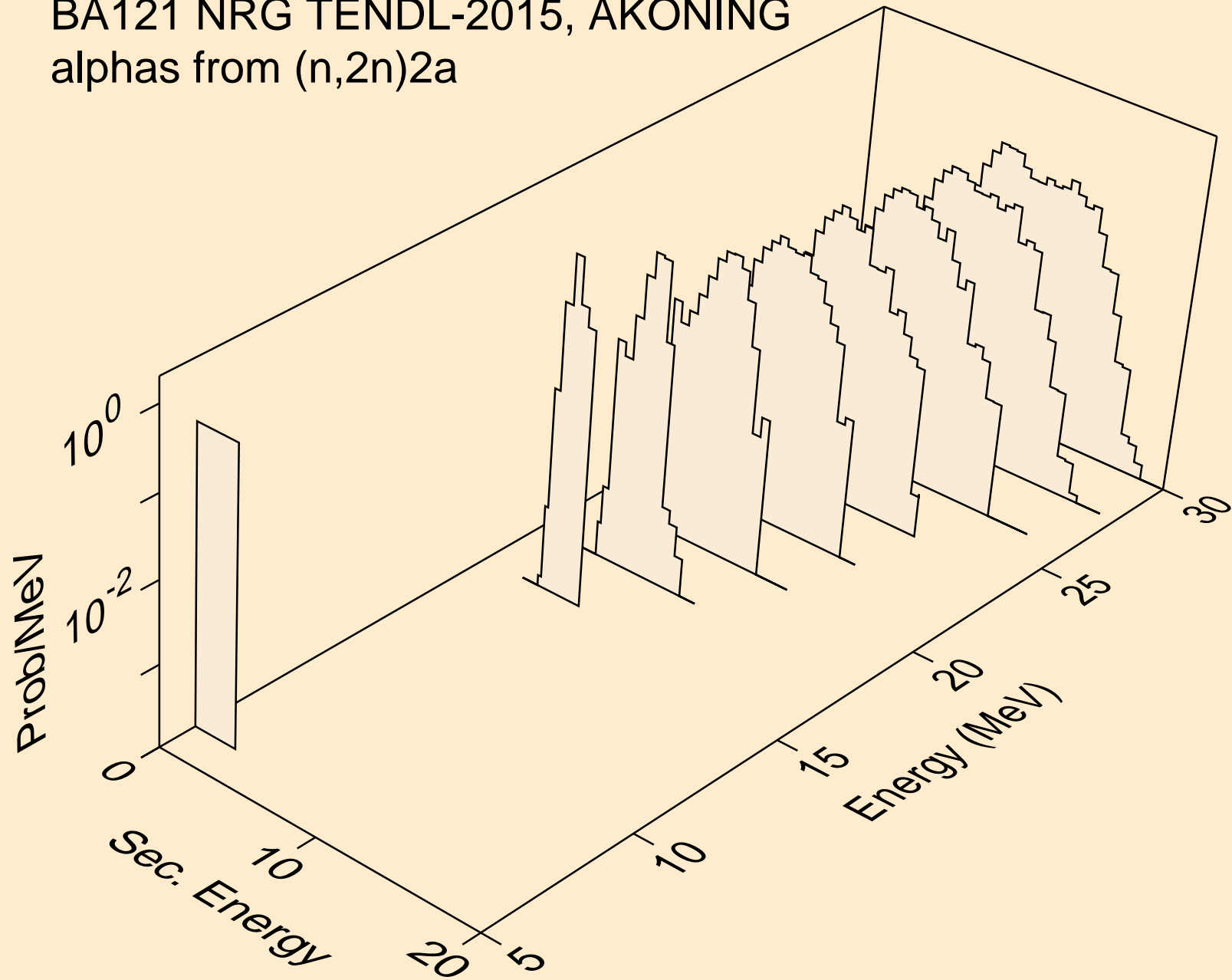
BA121 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



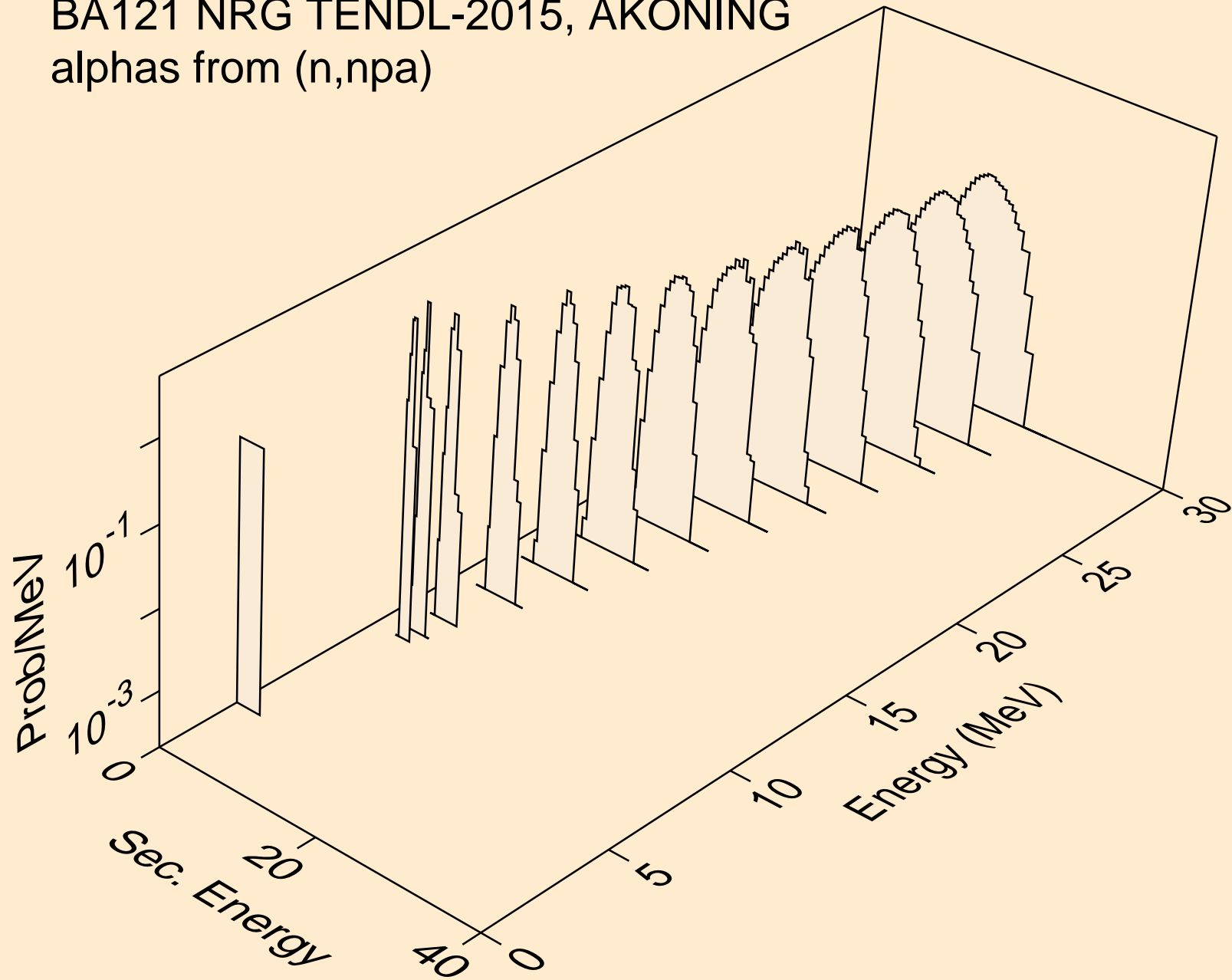
BA121 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



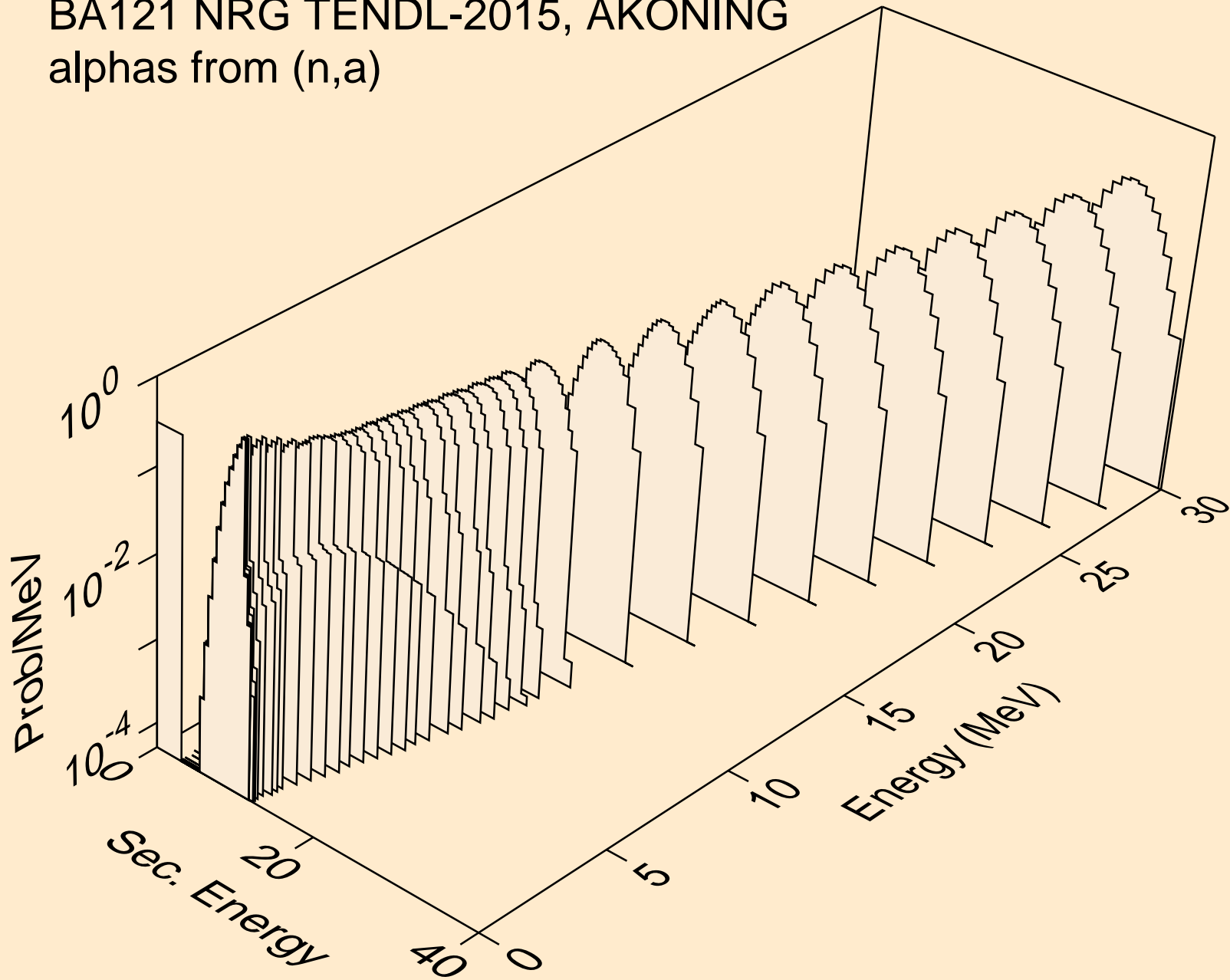
BA121 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



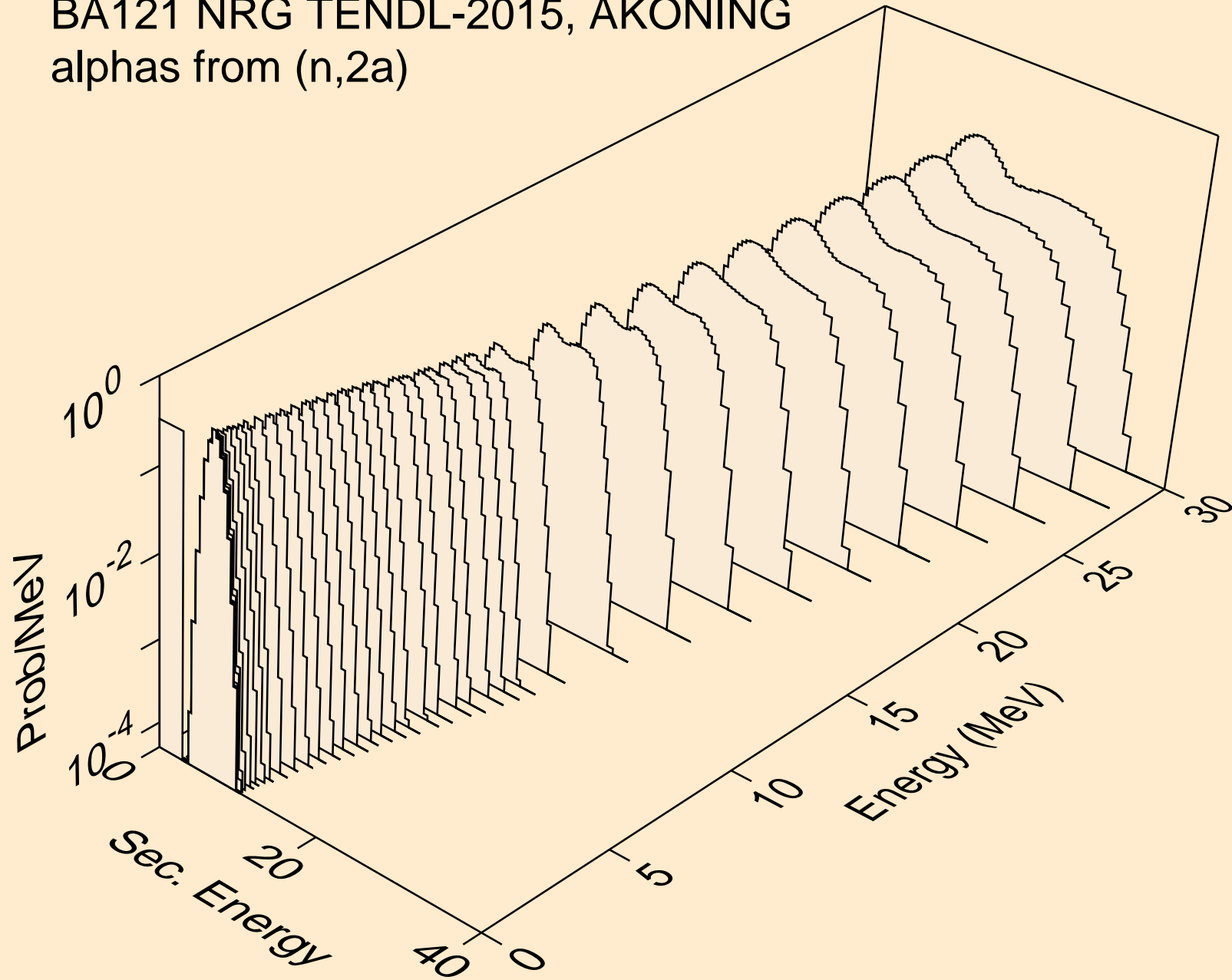
BA121 NRG TENDL-2015, AKONING  
alphas from (n,npa)



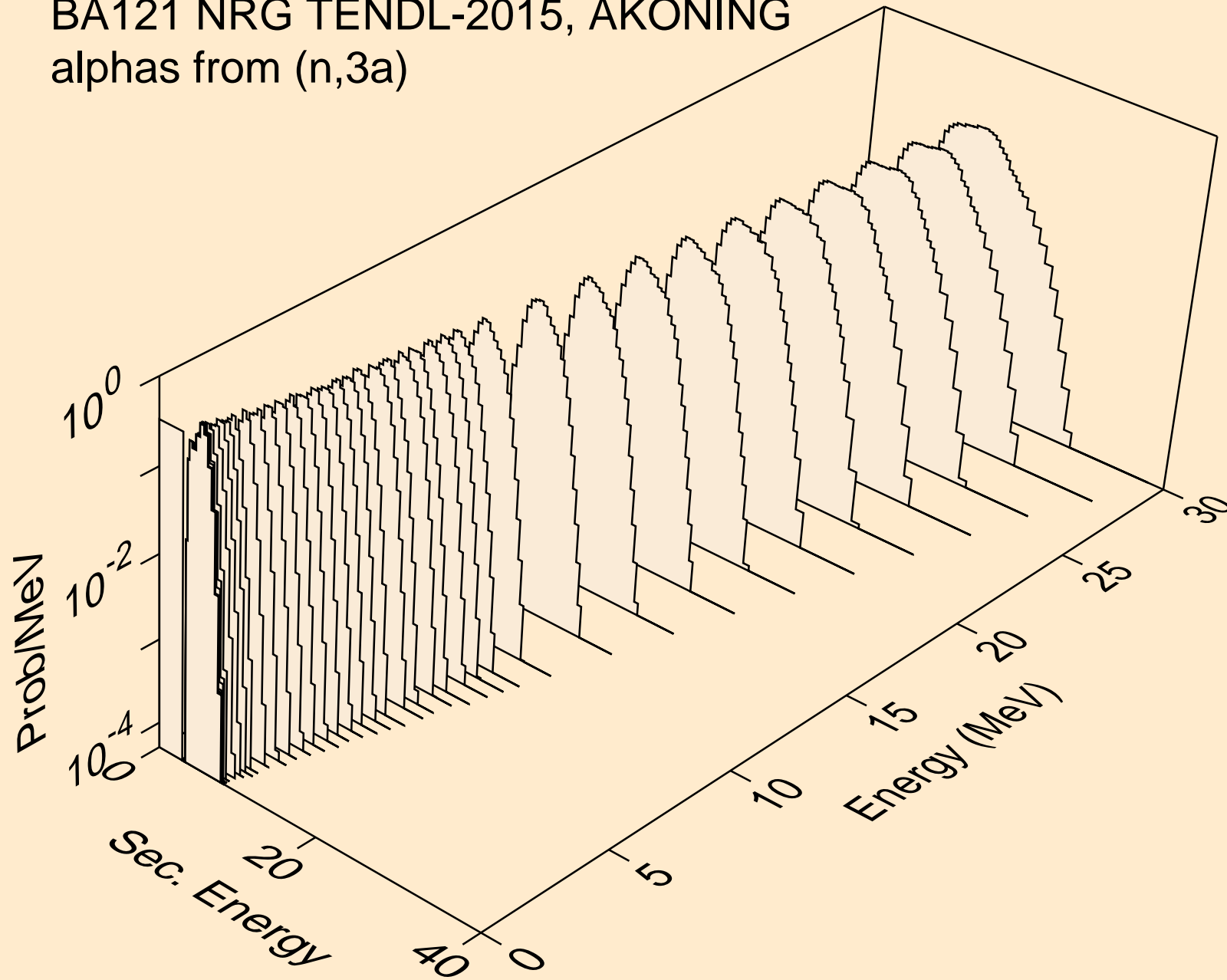
BA121 NRG TENDL-2015, AKONING  
alphas from (n,a)



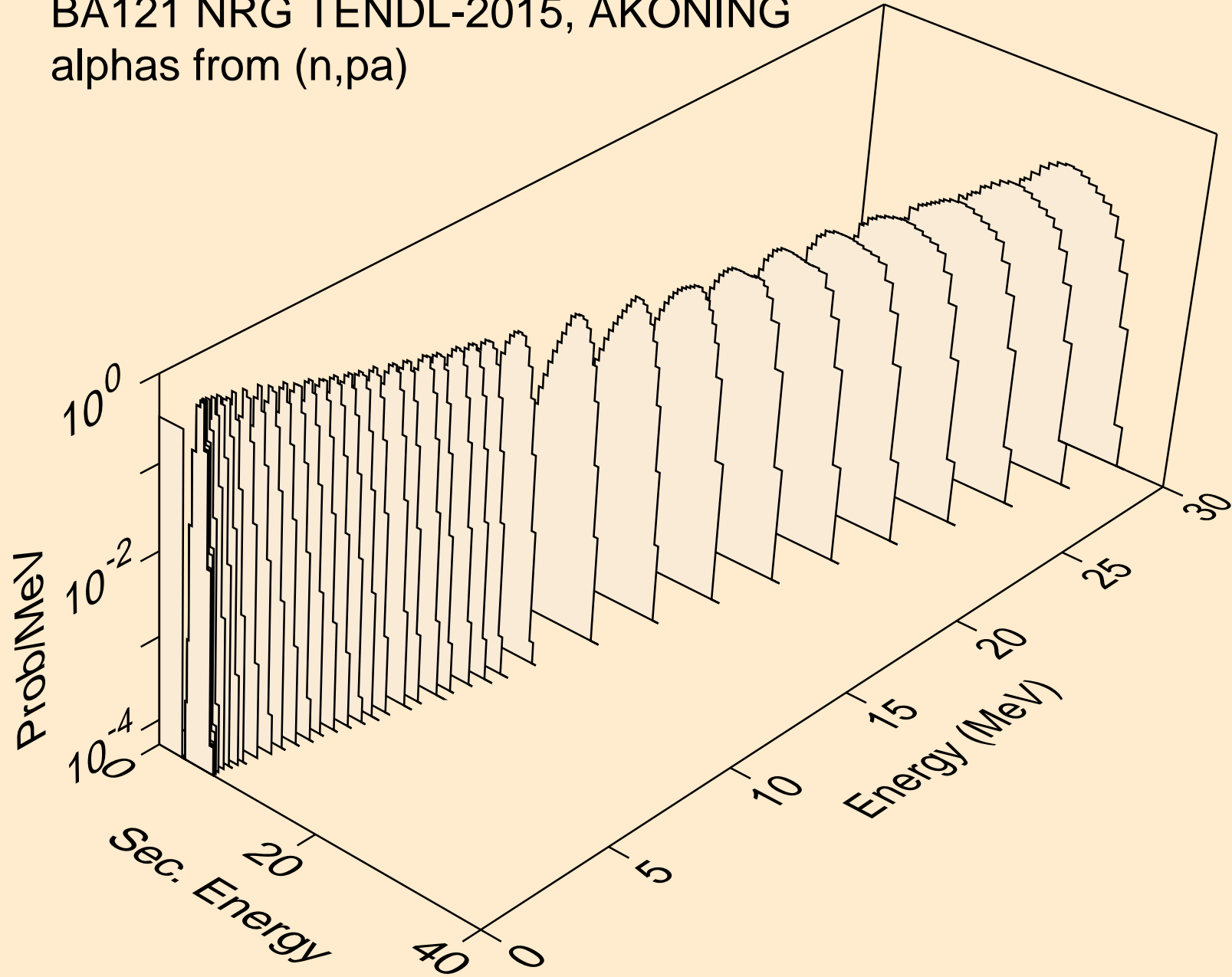
BA121 NRG TENDL-2015, AKONING  
alphas from (n,2a)



BA121 NRG TENDL-2015, AKONING  
alphas from (n,3a)

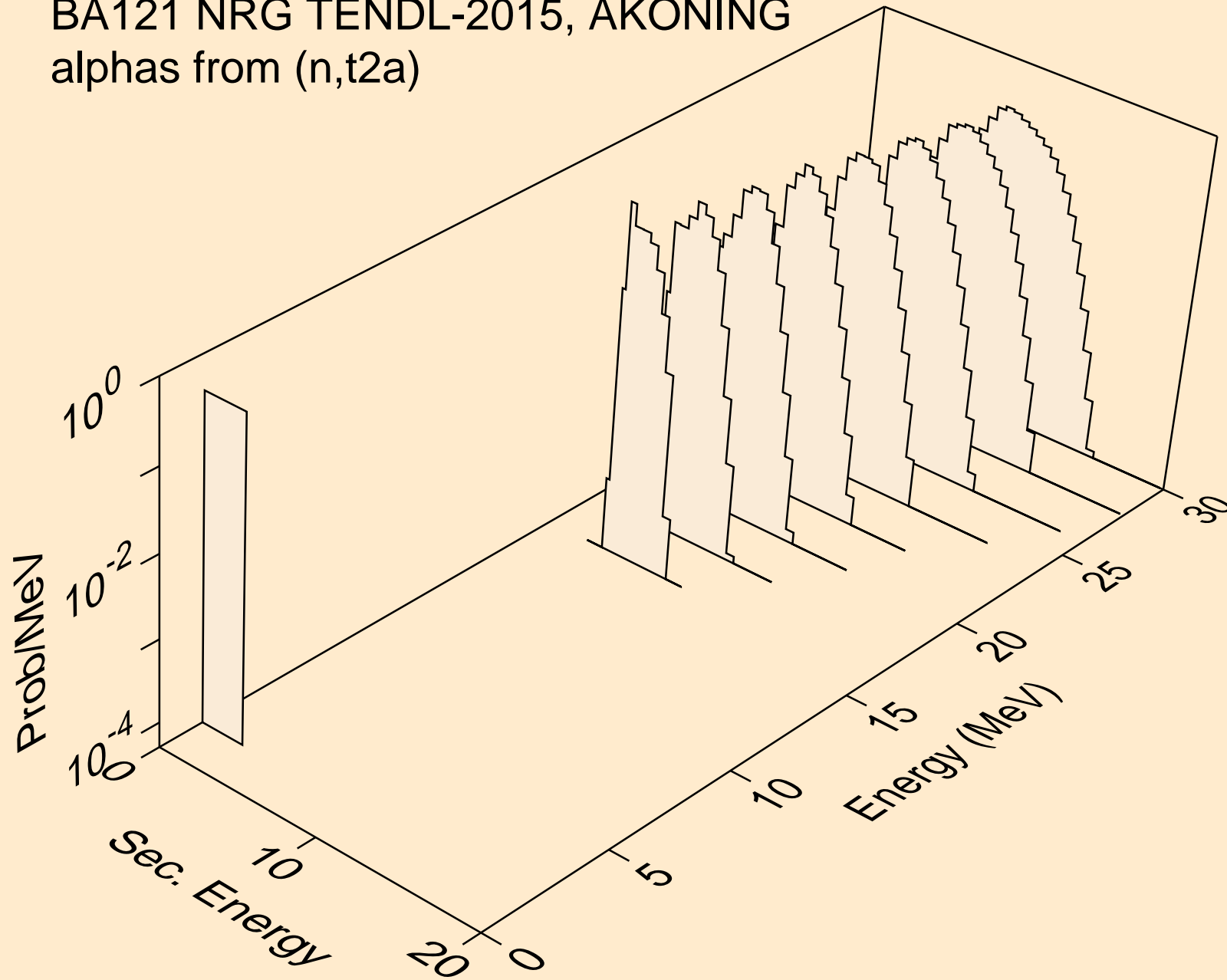


BA121 NRG TENDL-2015, AKONING  
alphas from (n,pa)

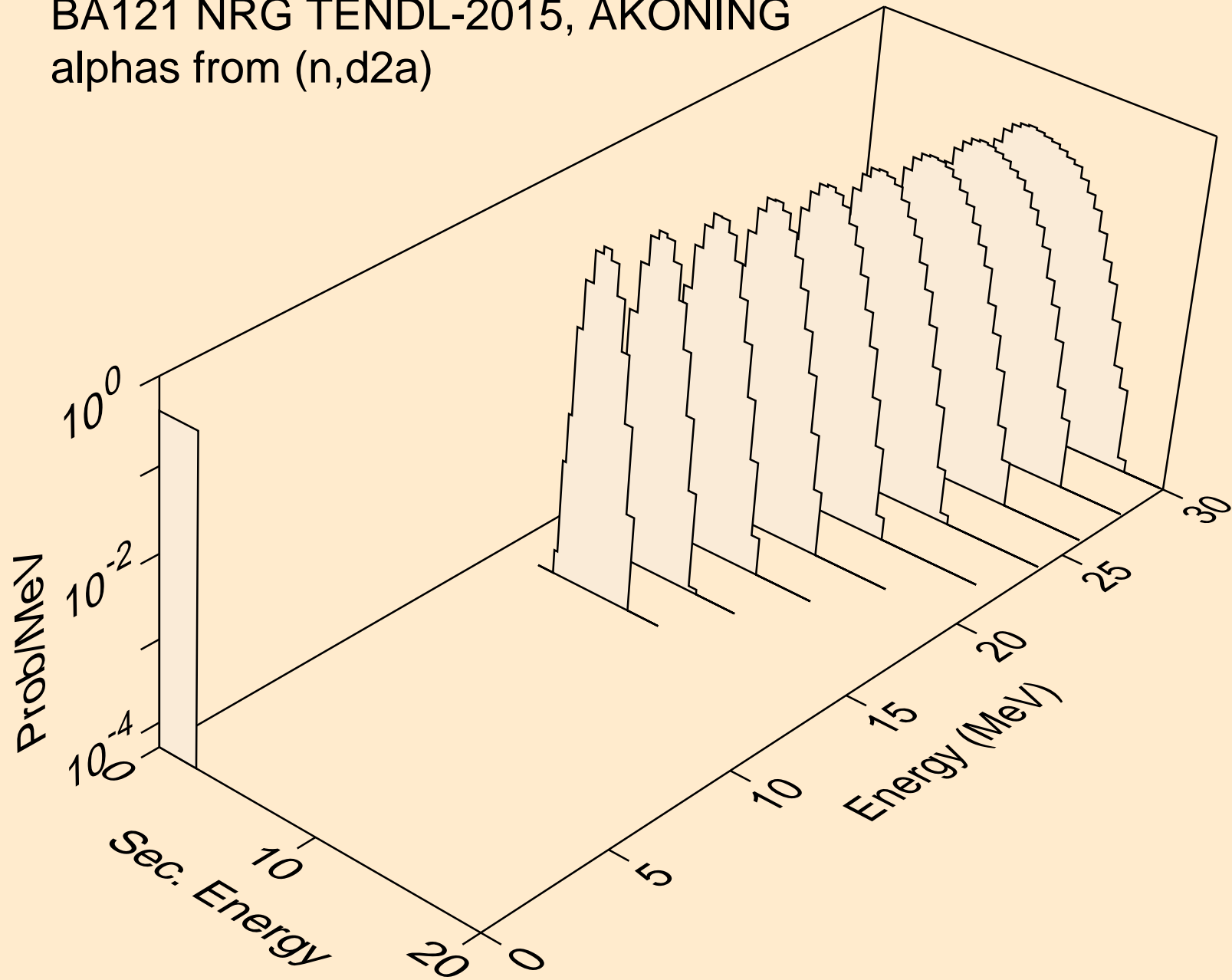




BA121 NRG TENDL-2015, AKONING  
alphas from (n,t2a)



BA121 NRG TENDL-2015, AKONING  
alphas from (n,d2a)



BA121 NRG TENDL-2015, AKONING  
alphas from (n,da)

