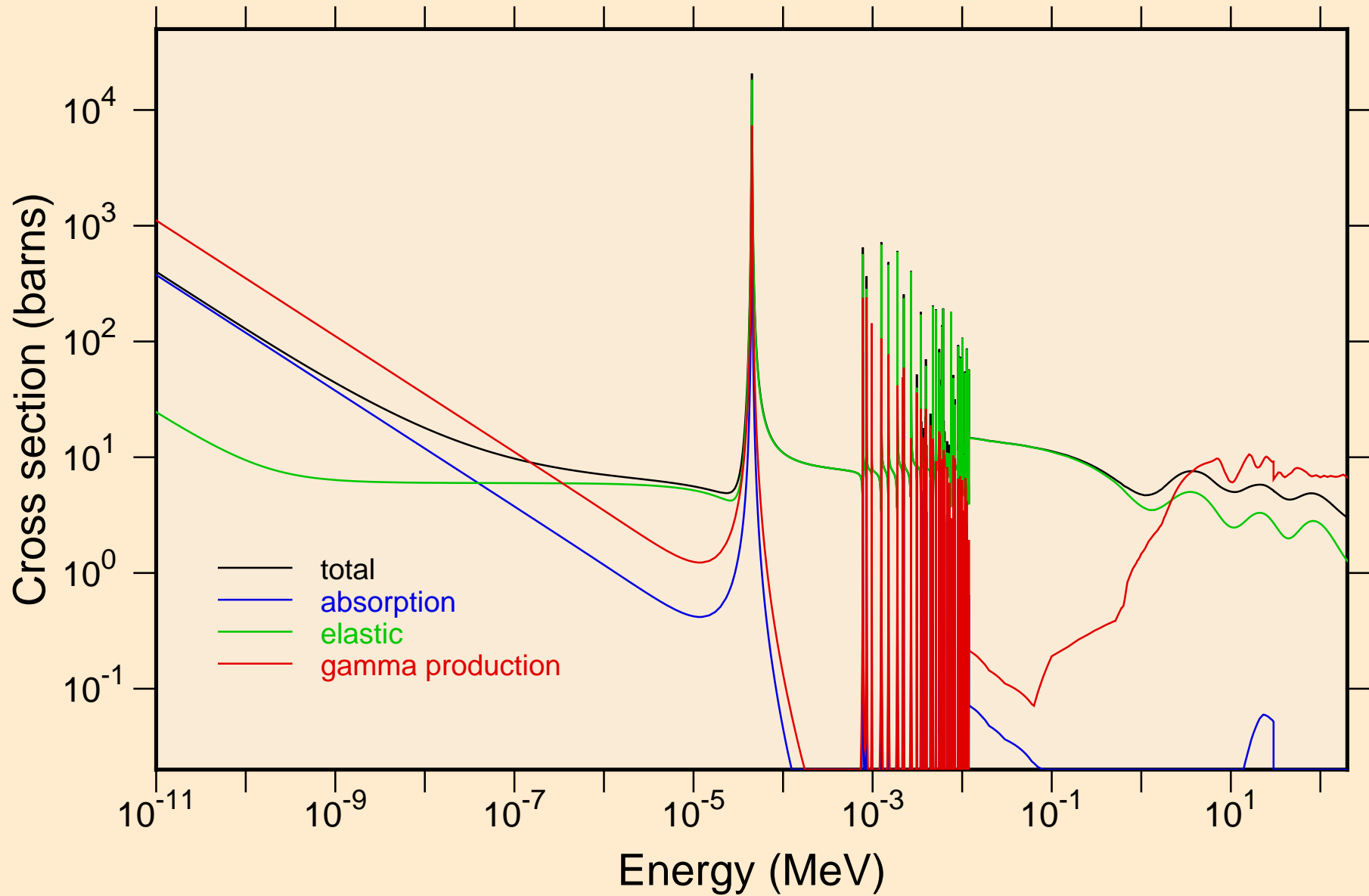
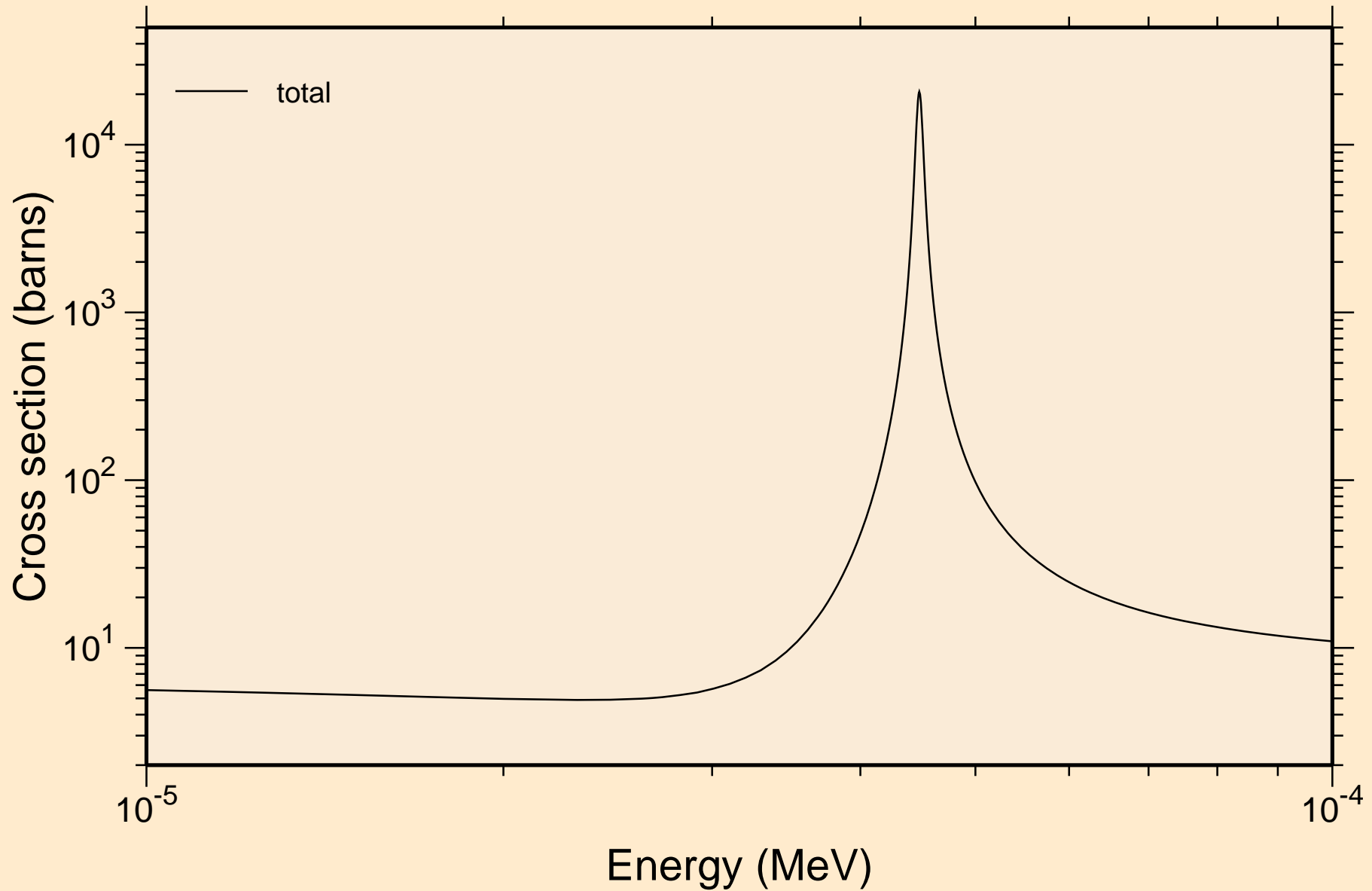


# BI208 NRG TENDL-2015, AKONING

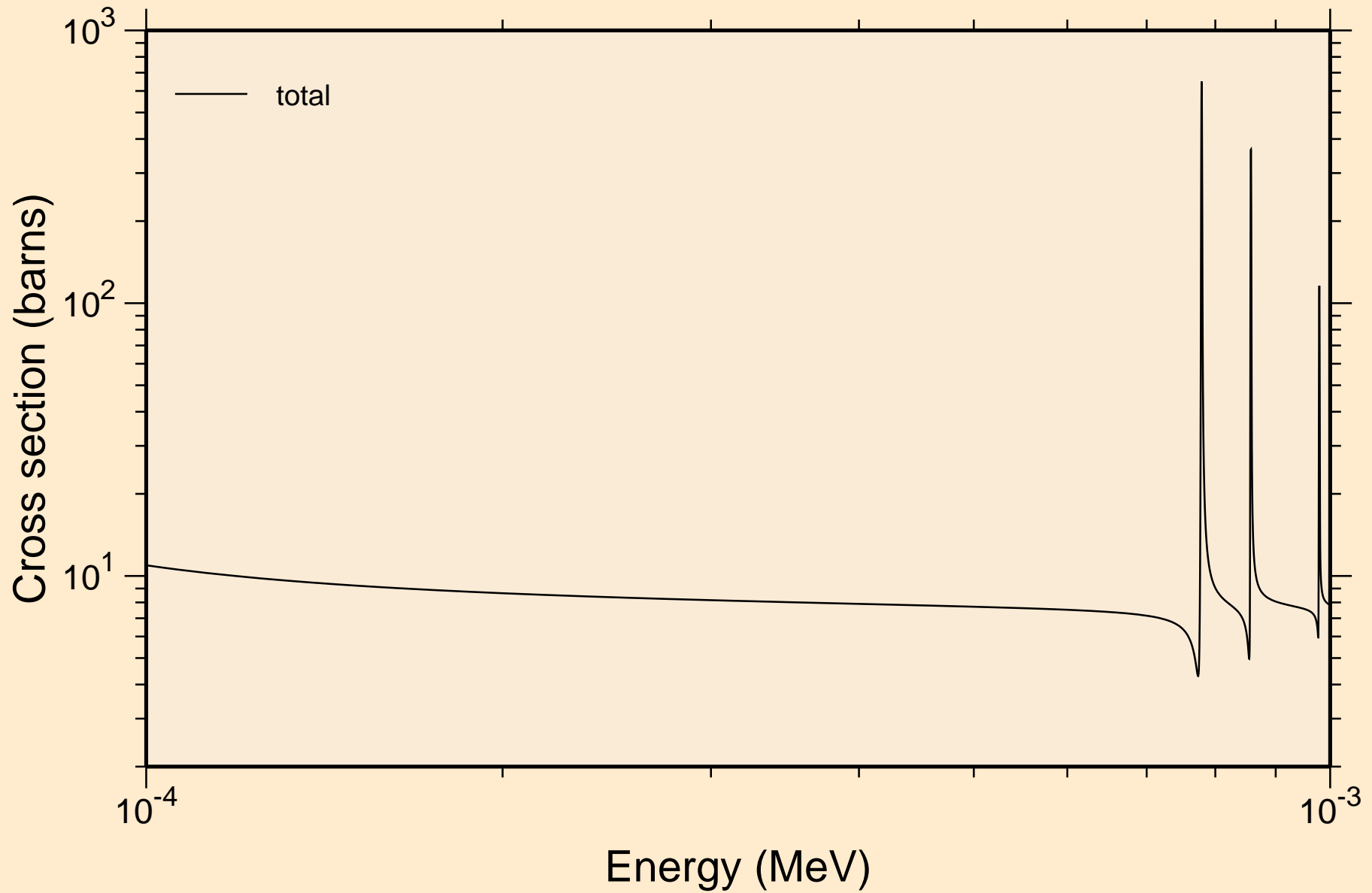
## Principal cross sections



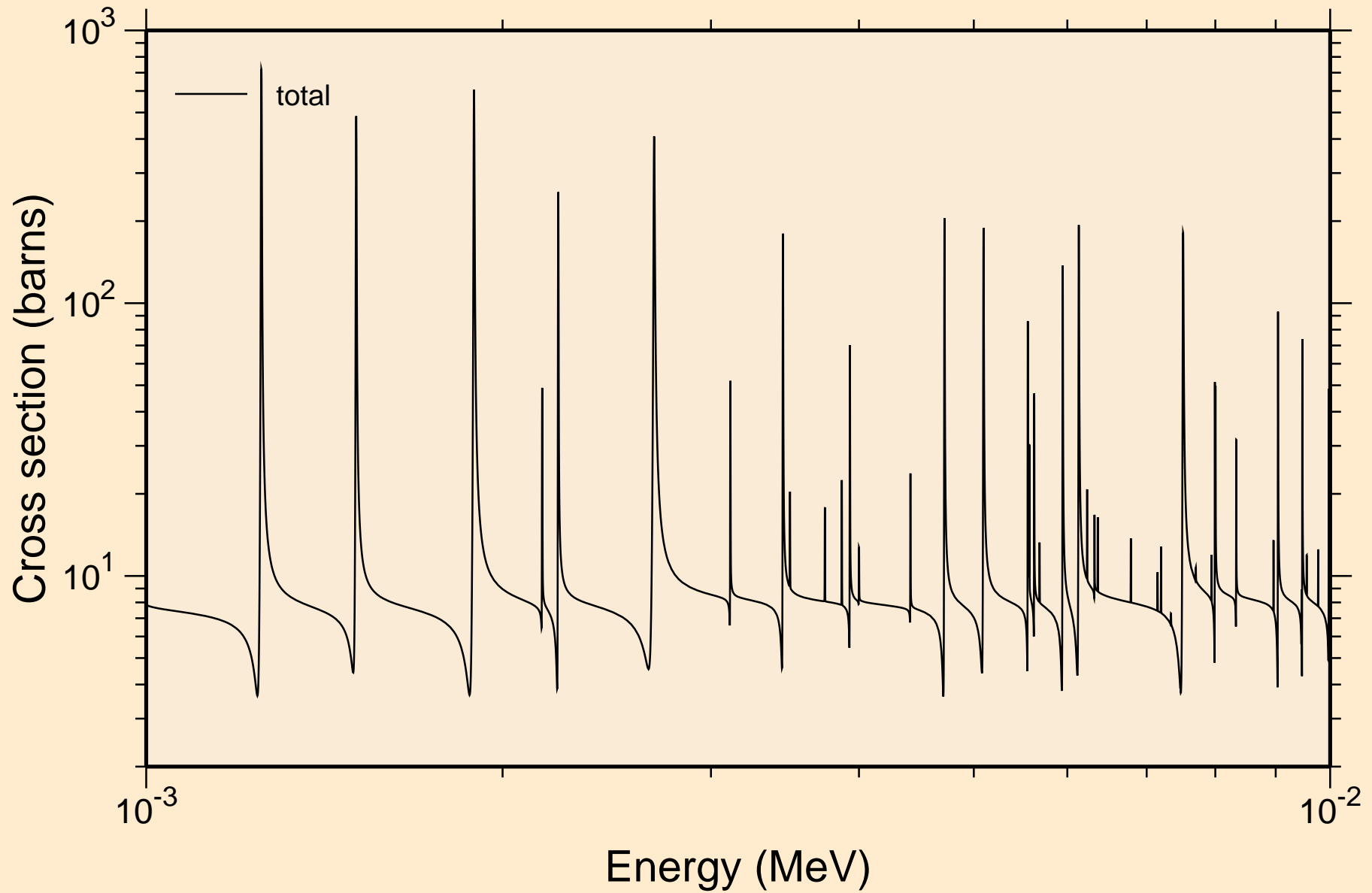
BI208 NRG TENDL-2015, AKONING  
resonance total cross section



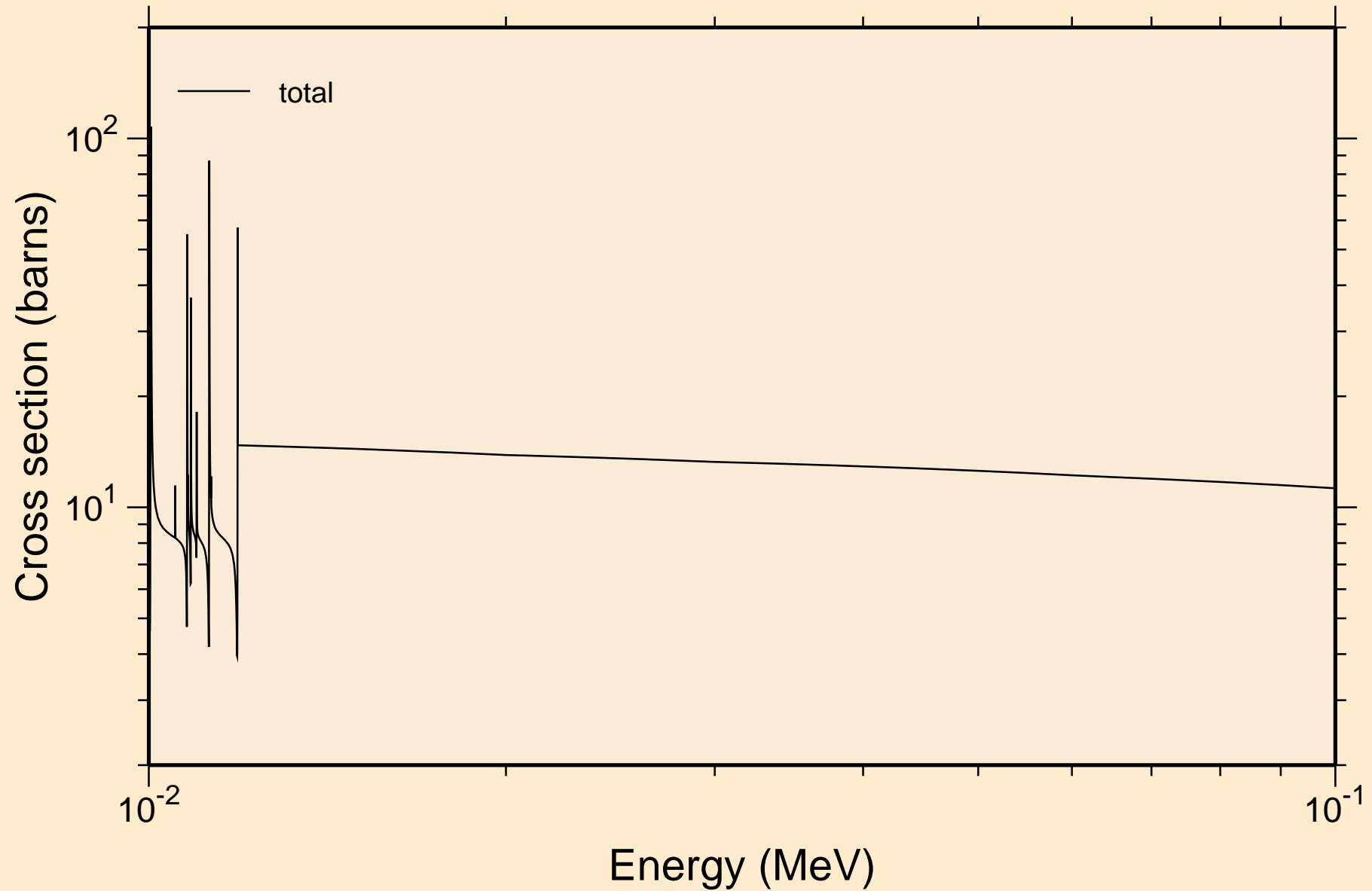
BI208 NRG TENDL-2015, AKONING  
resonance total cross section



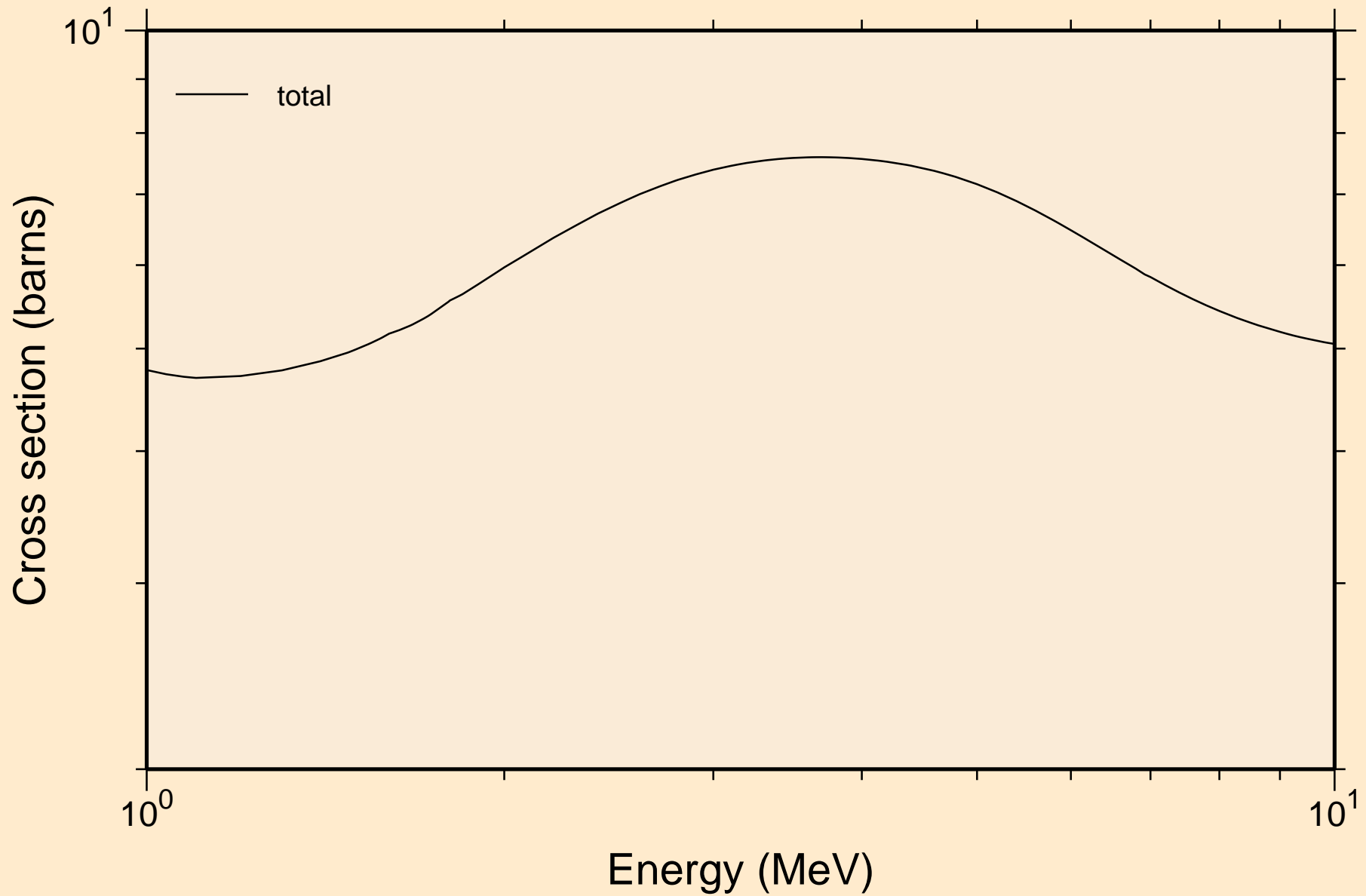
BI208 NRG TENDL-2015, AKONING  
resonance total cross section



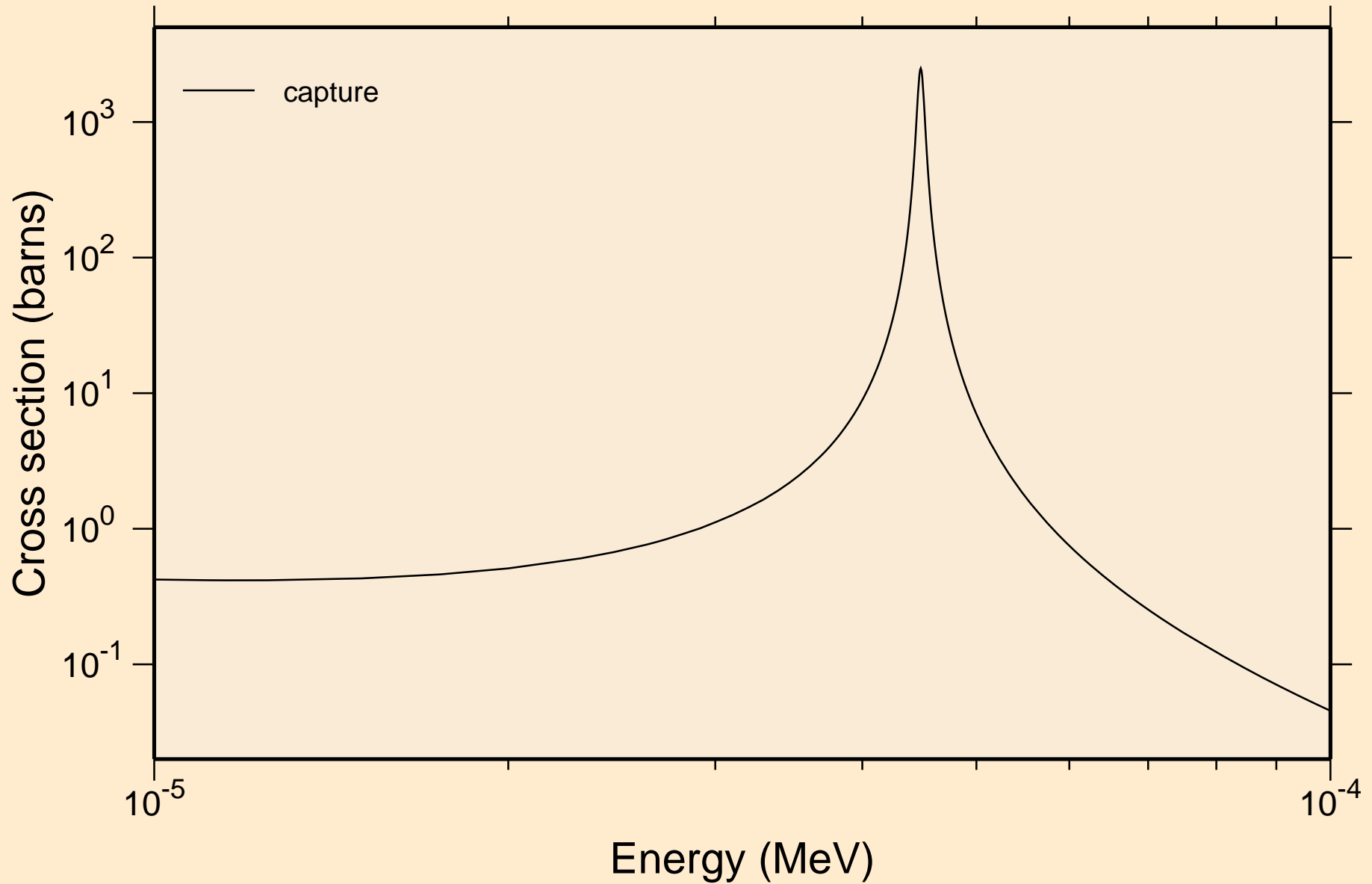
BI208 NRG TENDL-2015, AKONING  
resonance total cross section



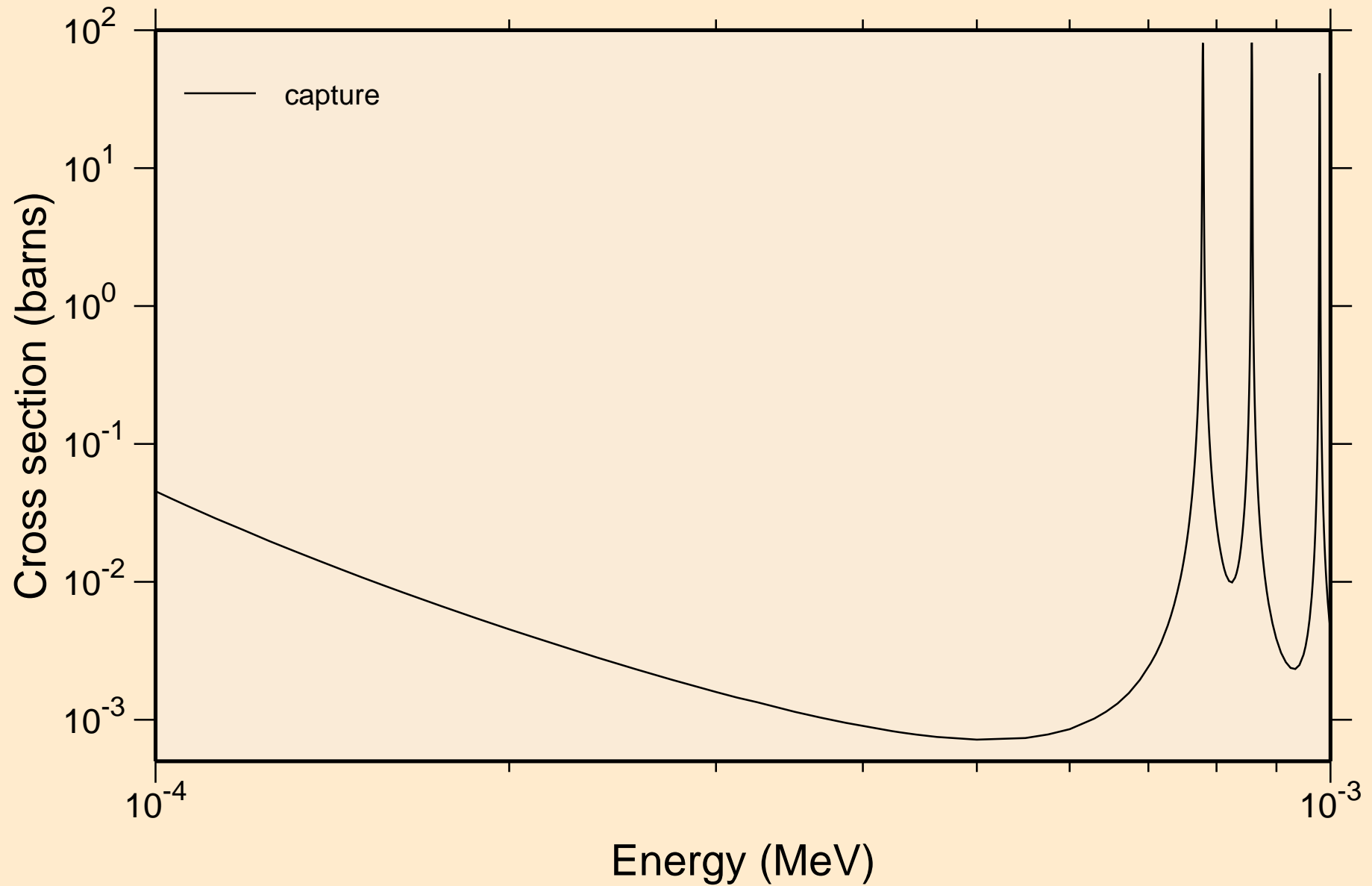
BI208 NRG TENDL-2015, AKONING  
resonance total cross section



BI208 NRG TENDL-2015, AKONING  
resonance absorption cross sections

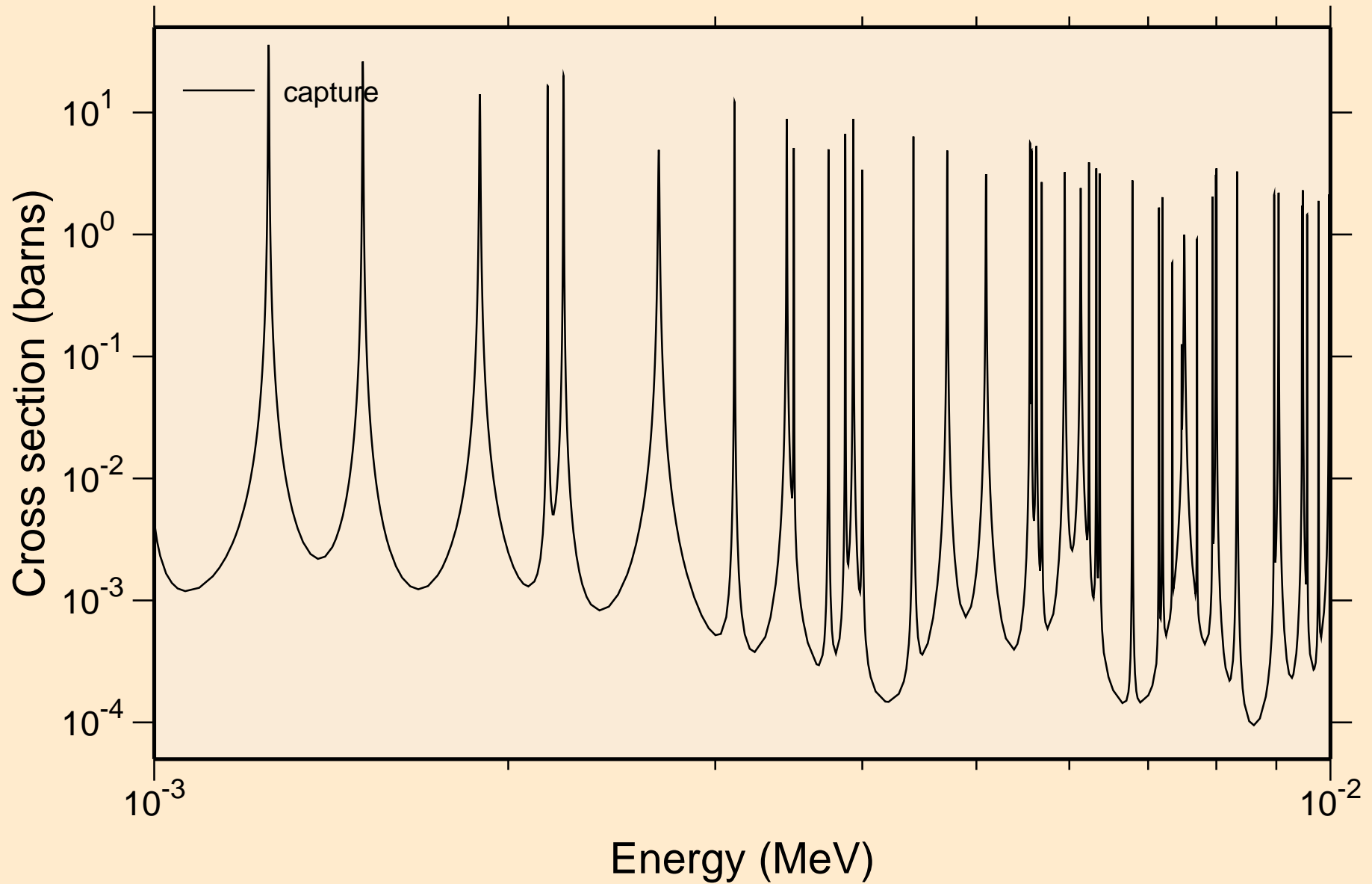


BI208 NRG TENDL-2015, AKONING  
resonance absorption cross sections

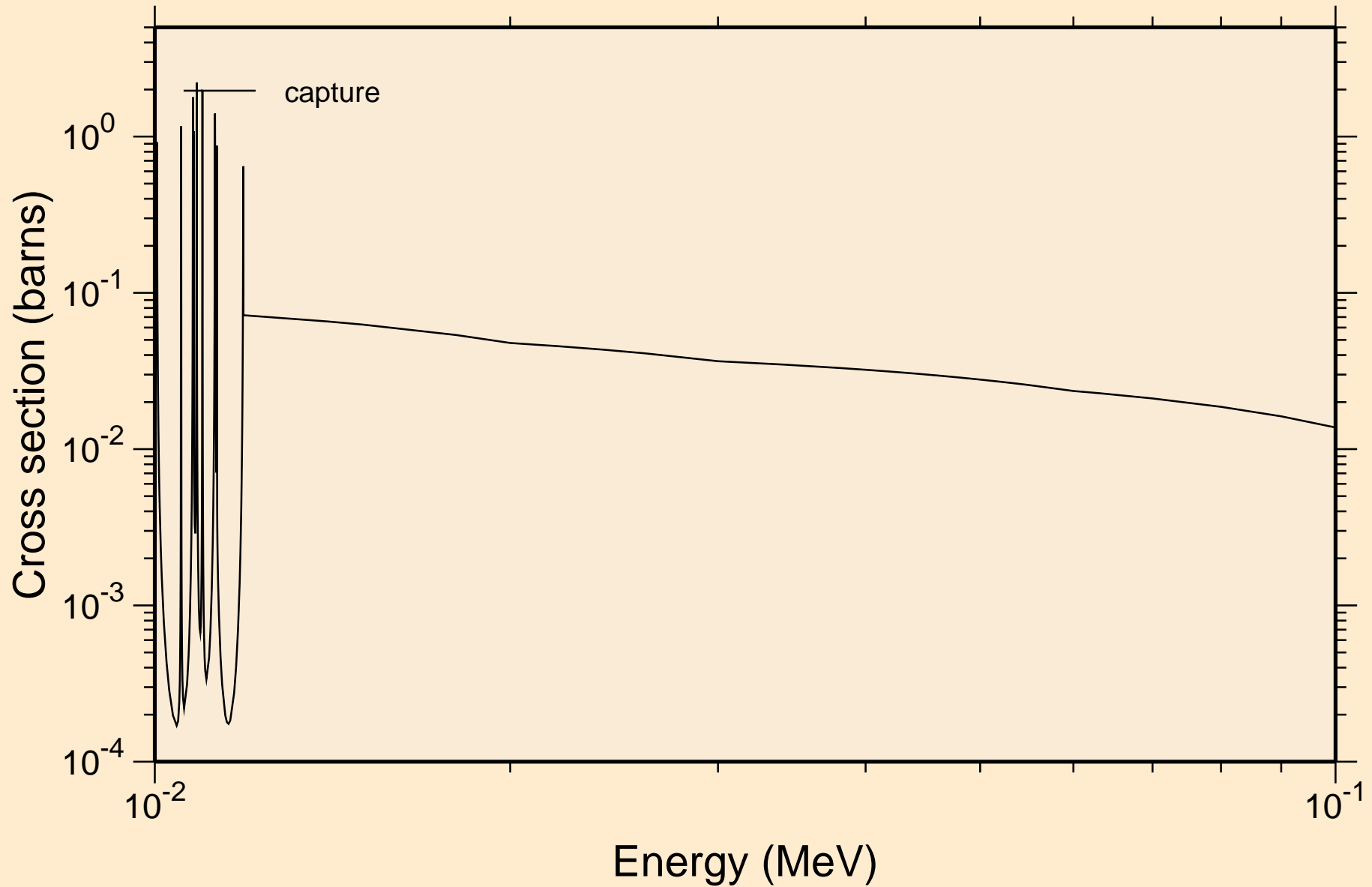




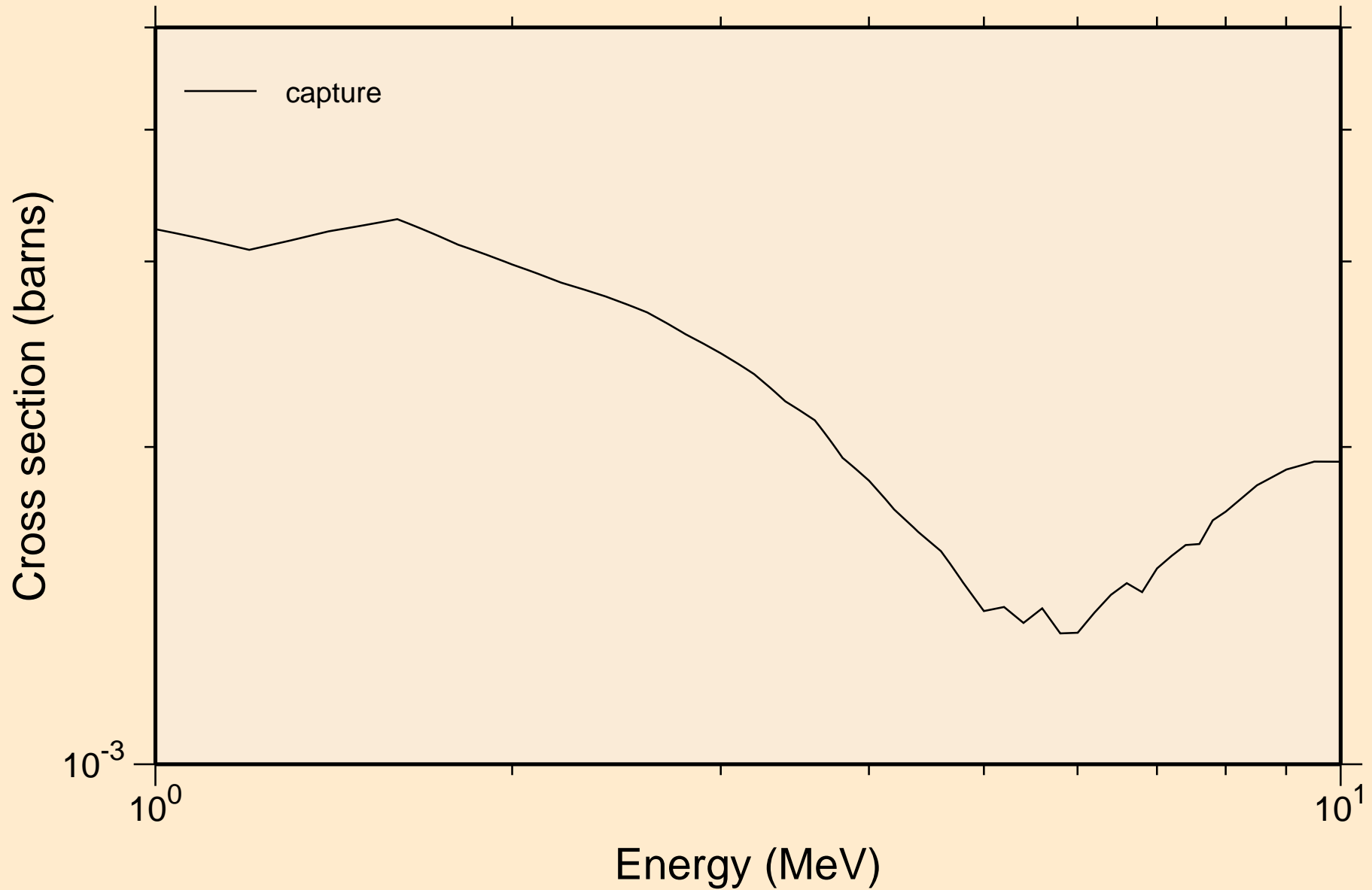
BI208 NRG TENDL-2015, AKONING  
resonance absorption cross sections



BI208 NRG TENDL-2015, AKONING  
resonance absorption cross sections

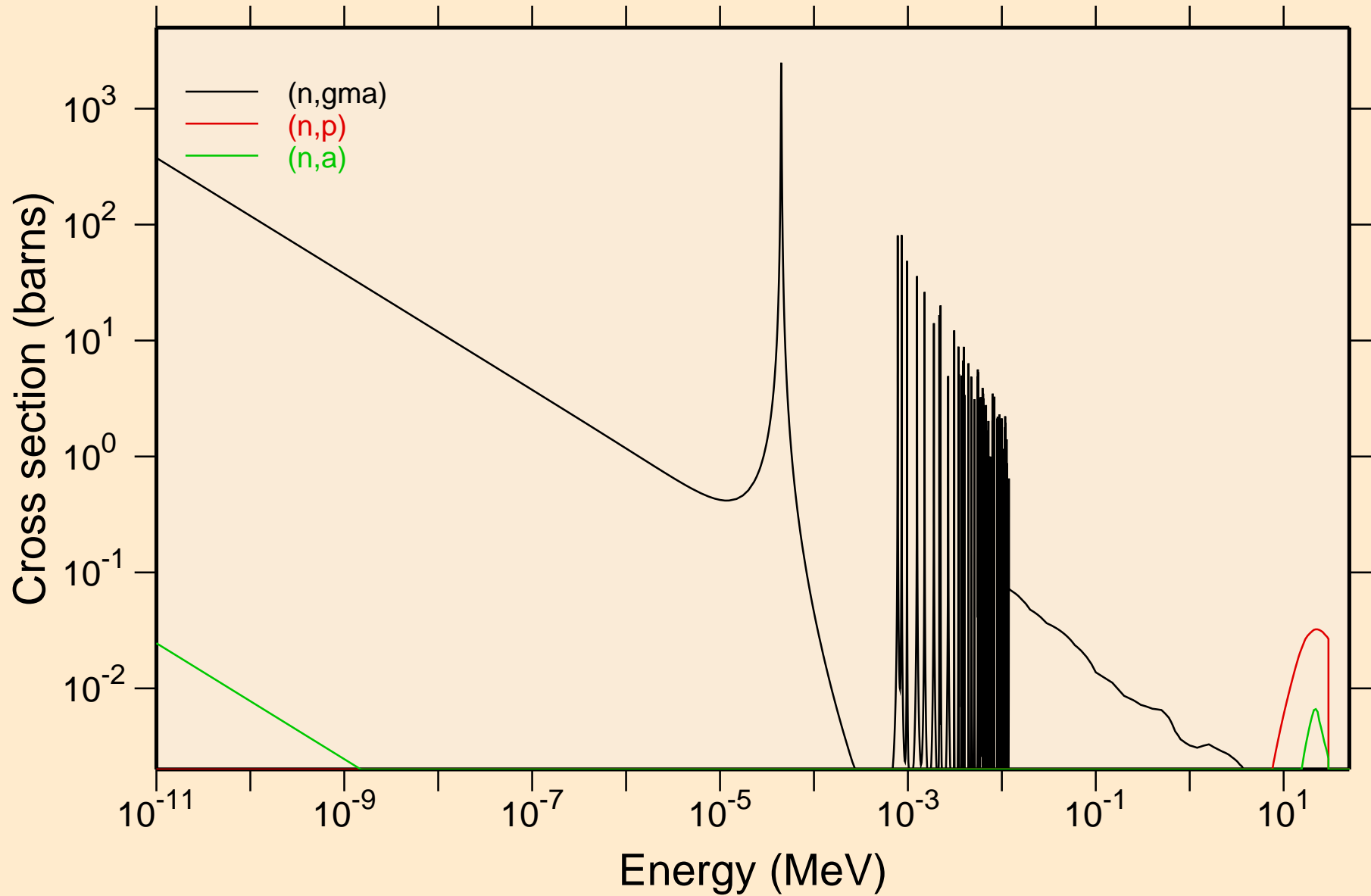


BI208 NRG TENDL-2015, AKONING  
resonance absorption cross sections



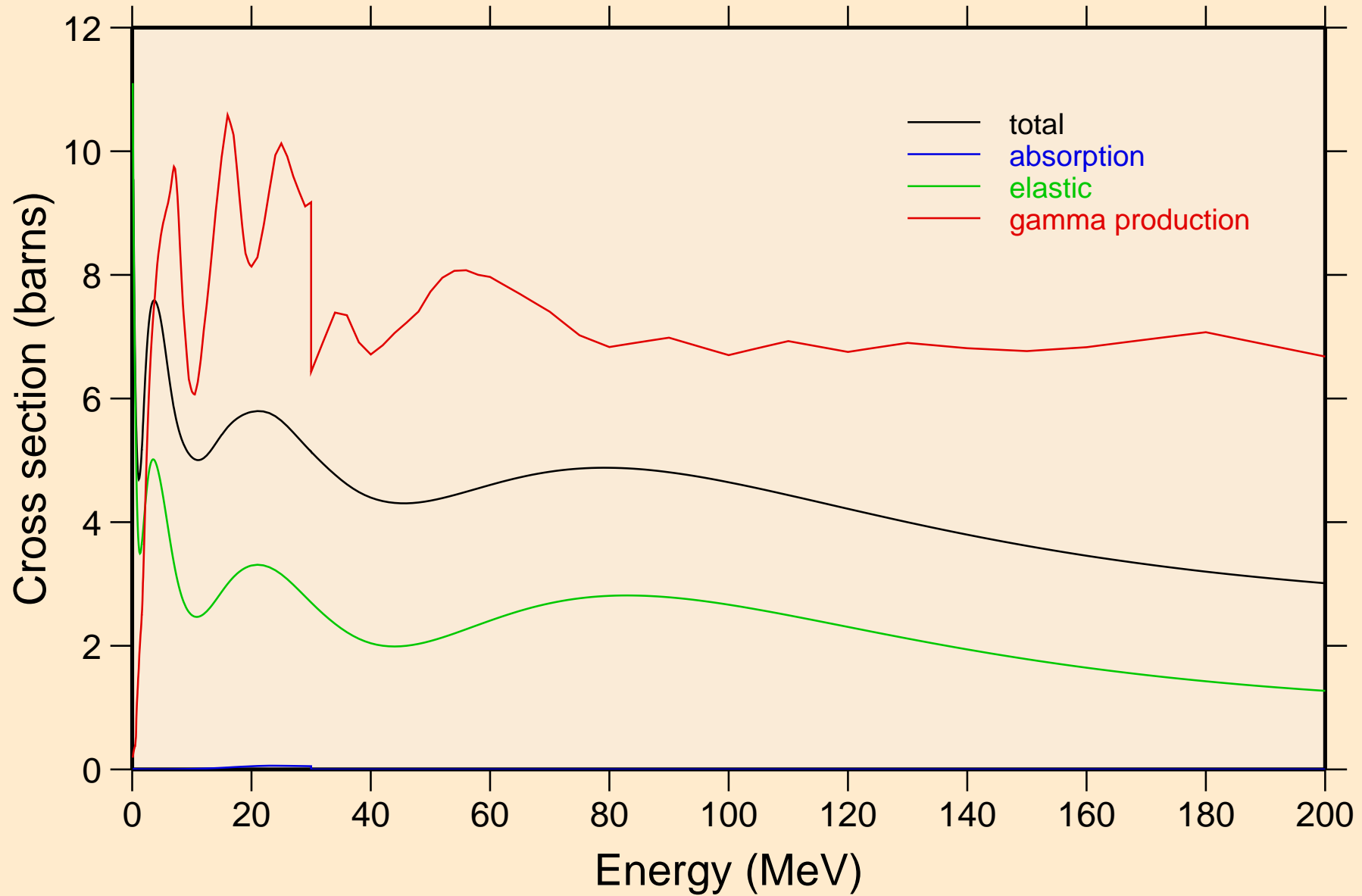
# BI208 NRG TENDL-2015, AKONING

## Non-threshold reactions



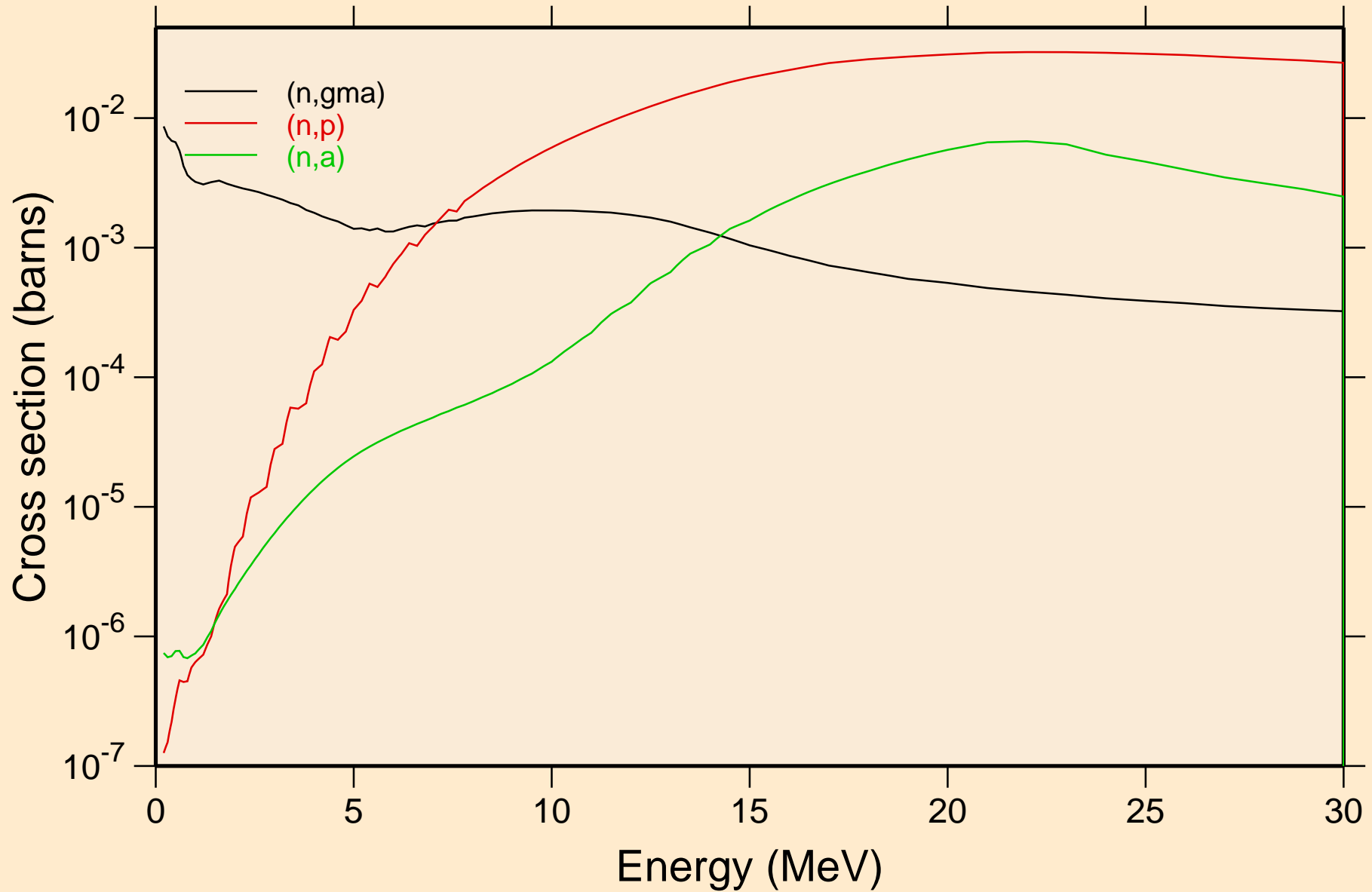
# BI208 NRG TENDL-2015, AKONING

## Principal cross sections



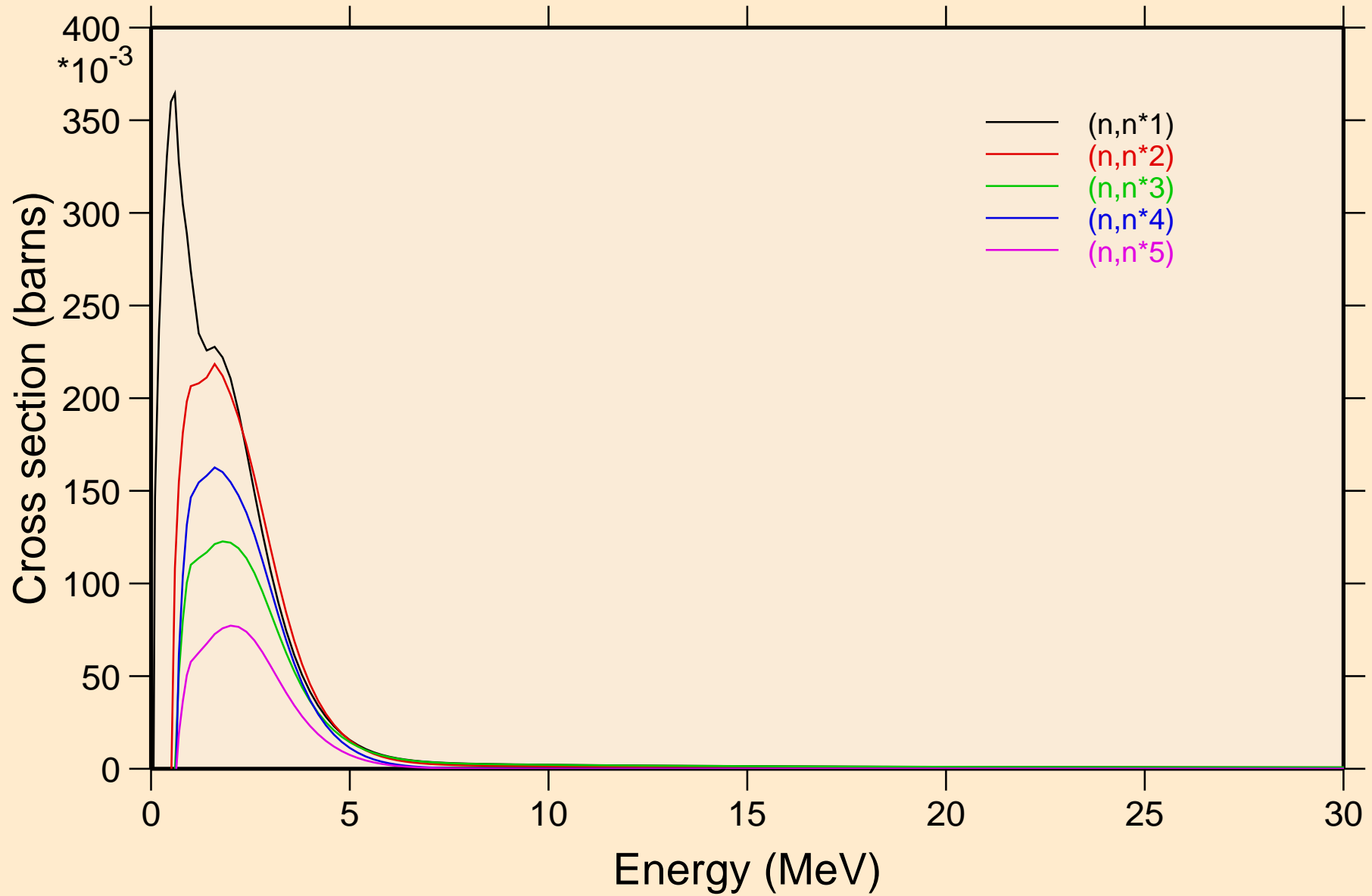
# BI208 NRG TENDL-2015, AKONING

## Non-threshold reactions



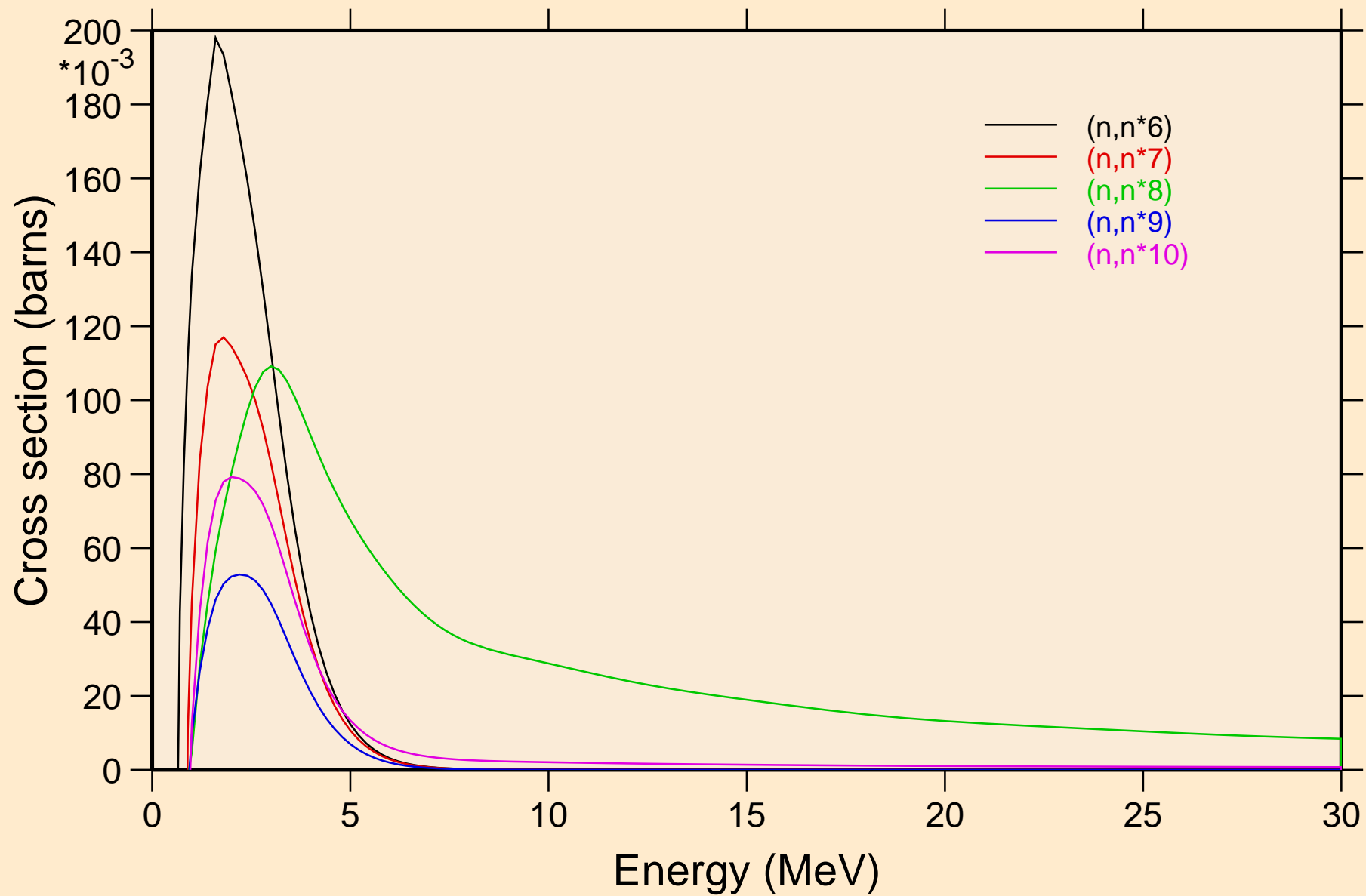
# BI208 NRG TENDL-2015, AKONING

## Inelastic levels



# BI208 NRG TENDL-2015, AKONING

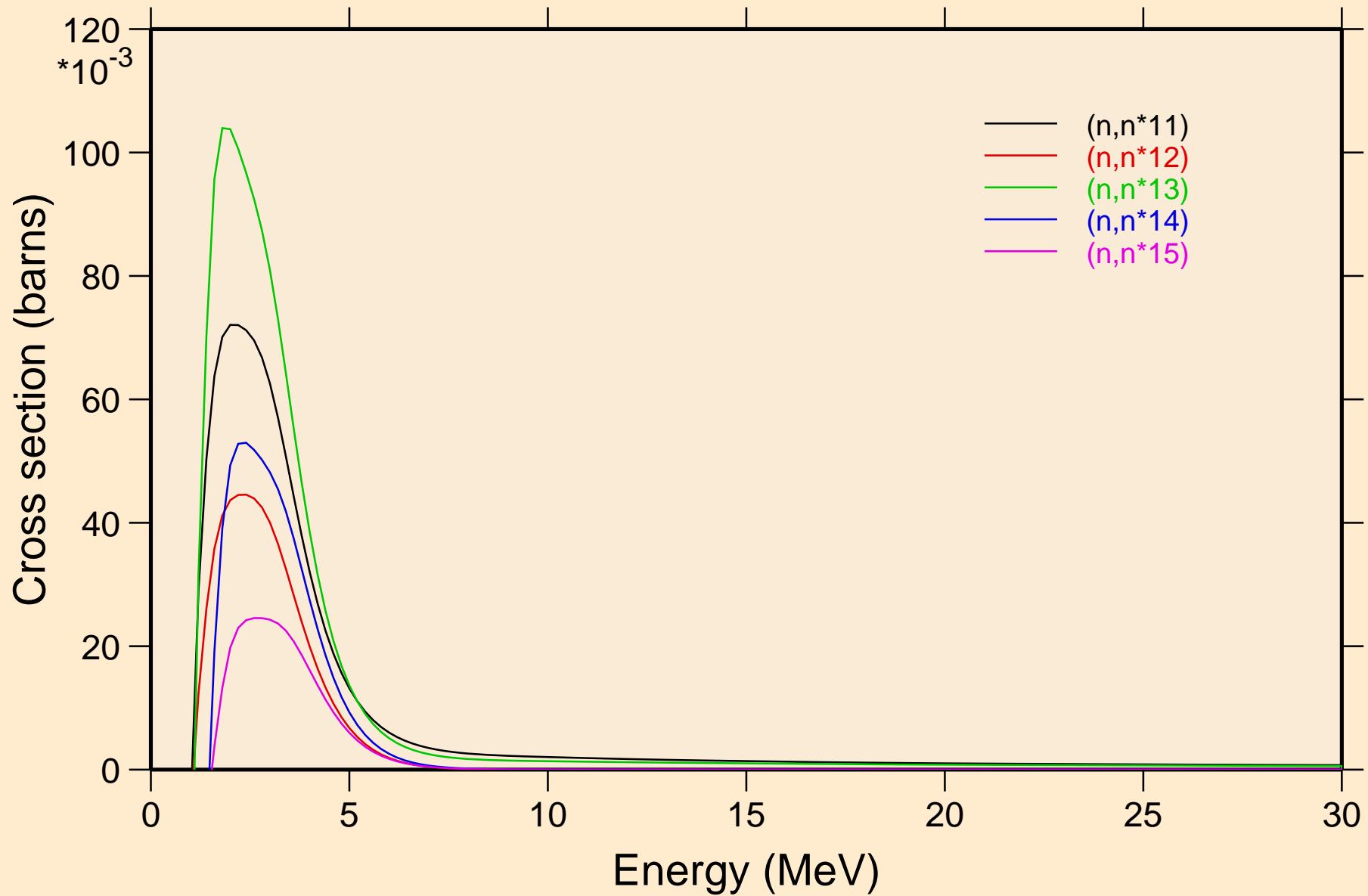
## Inelastic levels





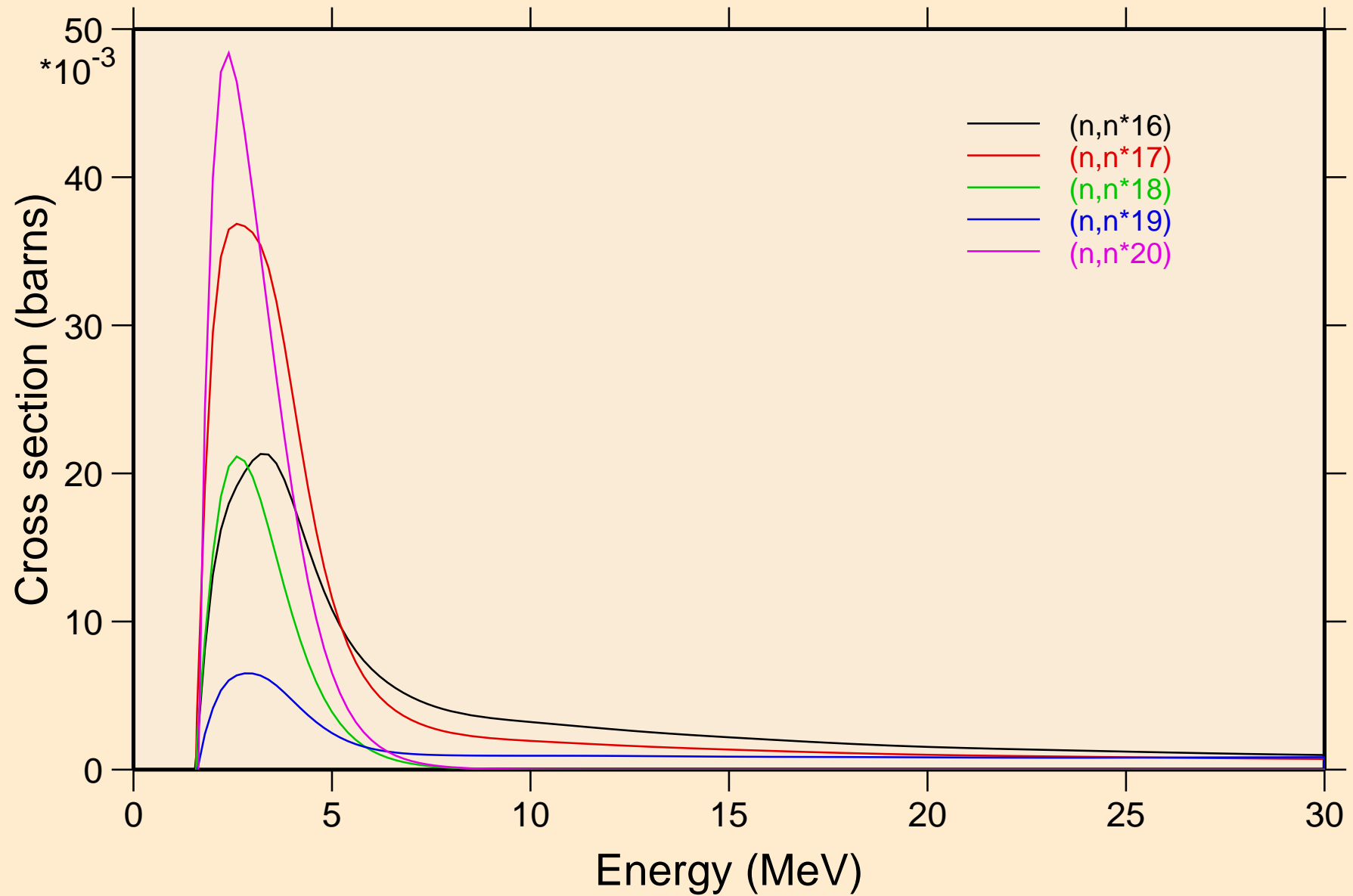
# BI208 NRG TENDL-2015, AKONING

## Inelastic levels



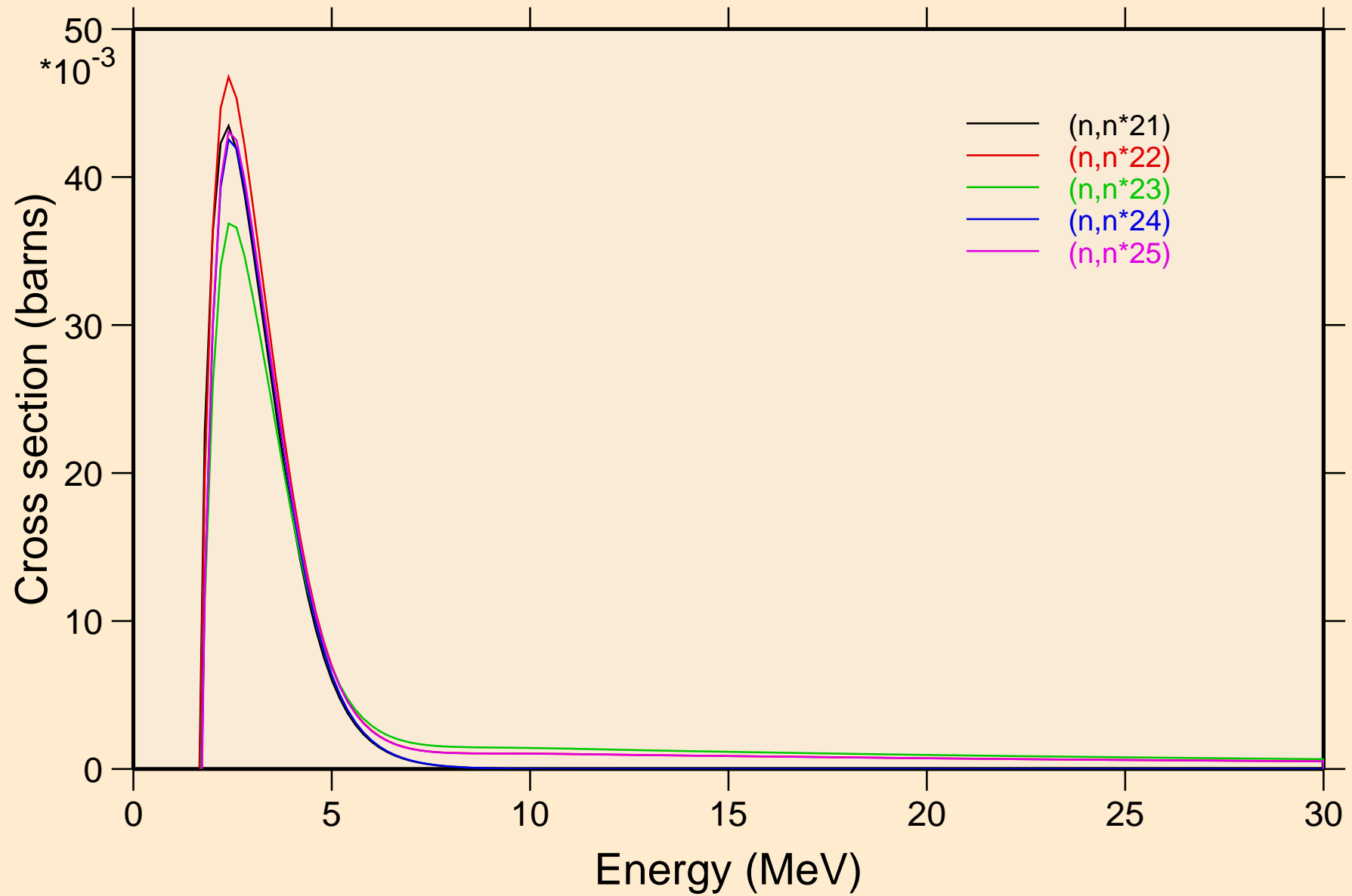
# BI208 NRG TENDL-2015, AKONING

## Inelastic levels



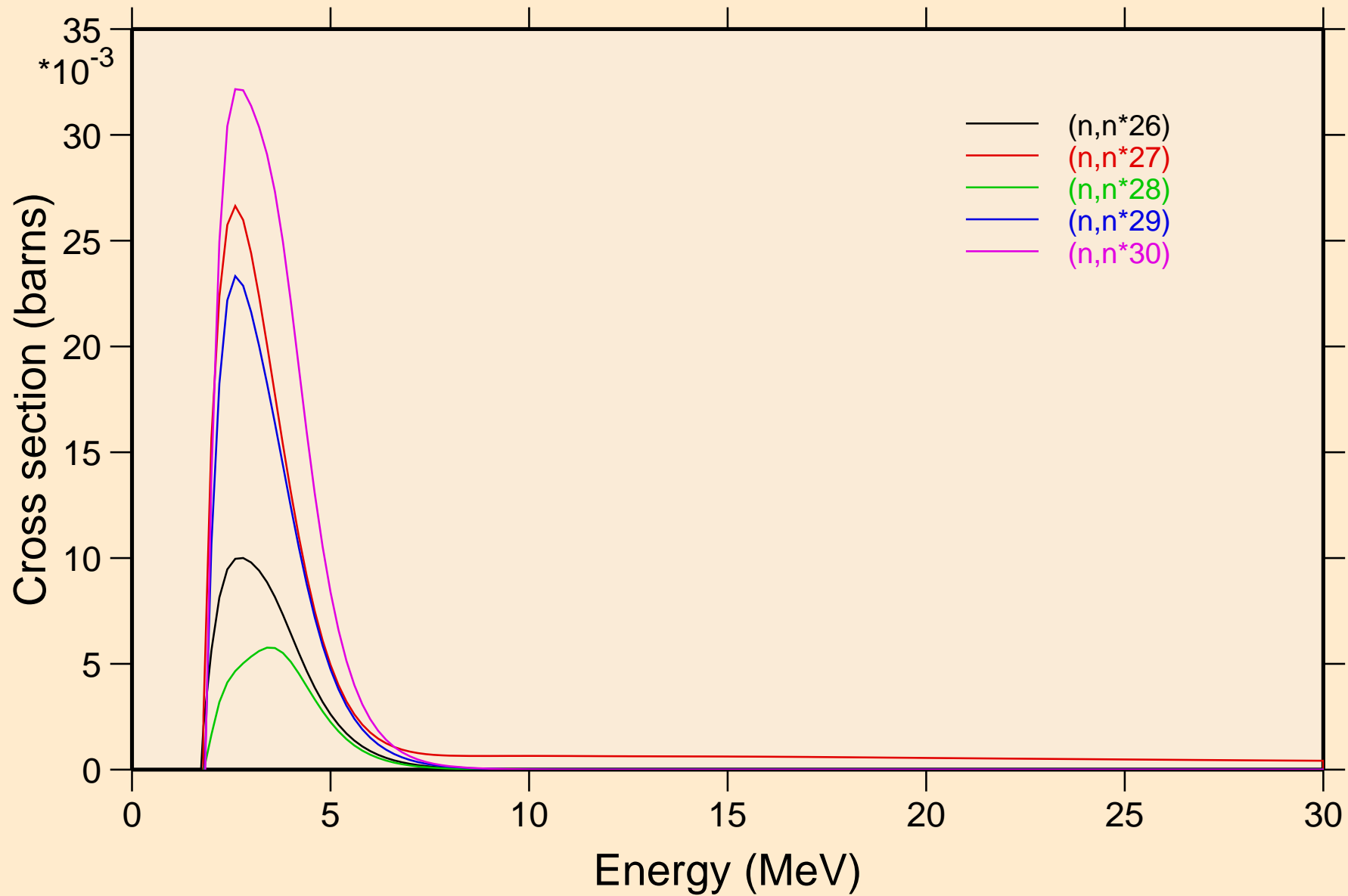
# BI208 NRG TENDL-2015, AKONING

## Inelastic levels



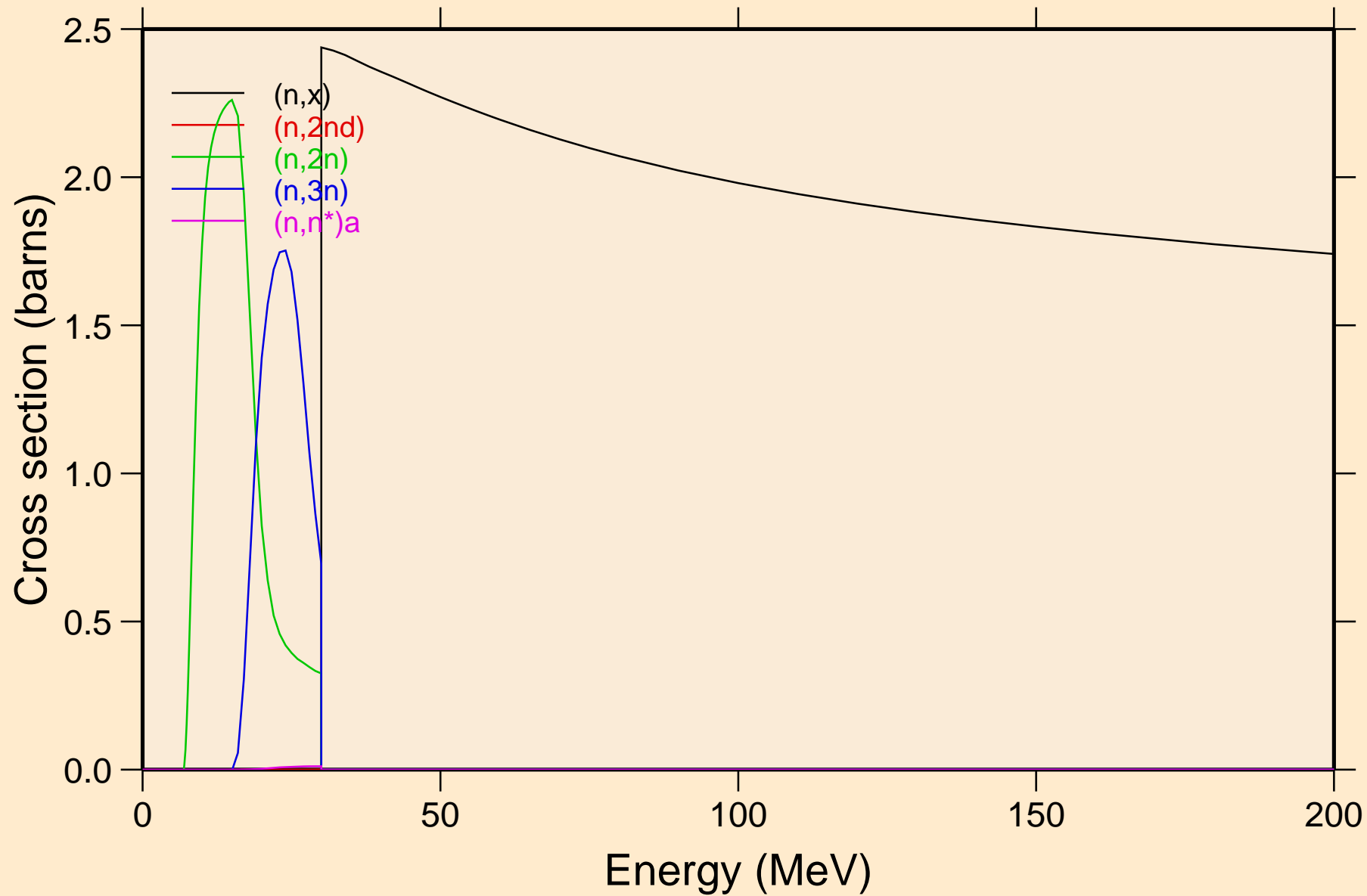
# BI208 NRG TENDL-2015, AKONING

## Inelastic levels



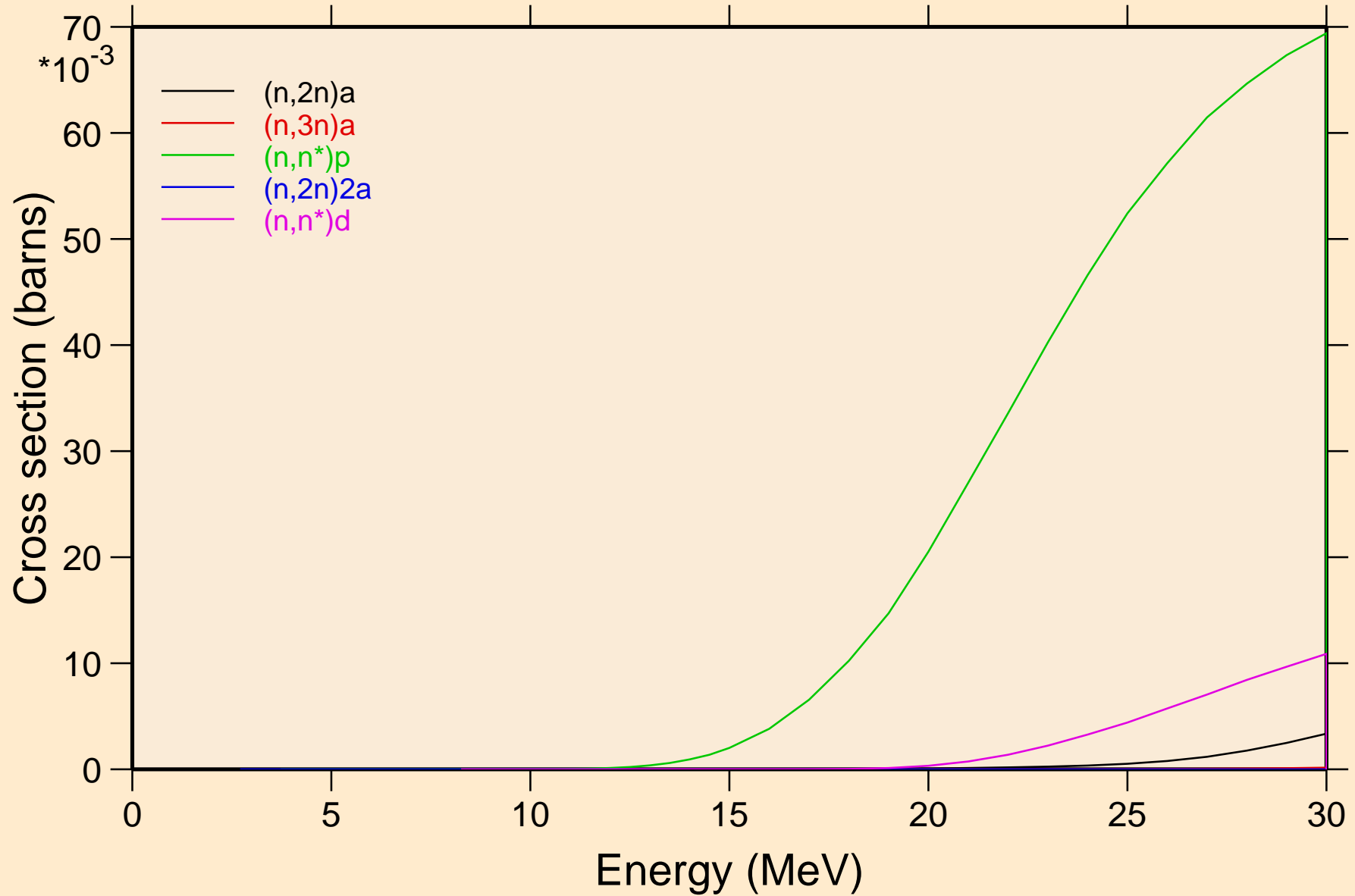
# BI208 NRG TENDL-2015, AKONING

## Threshold reactions



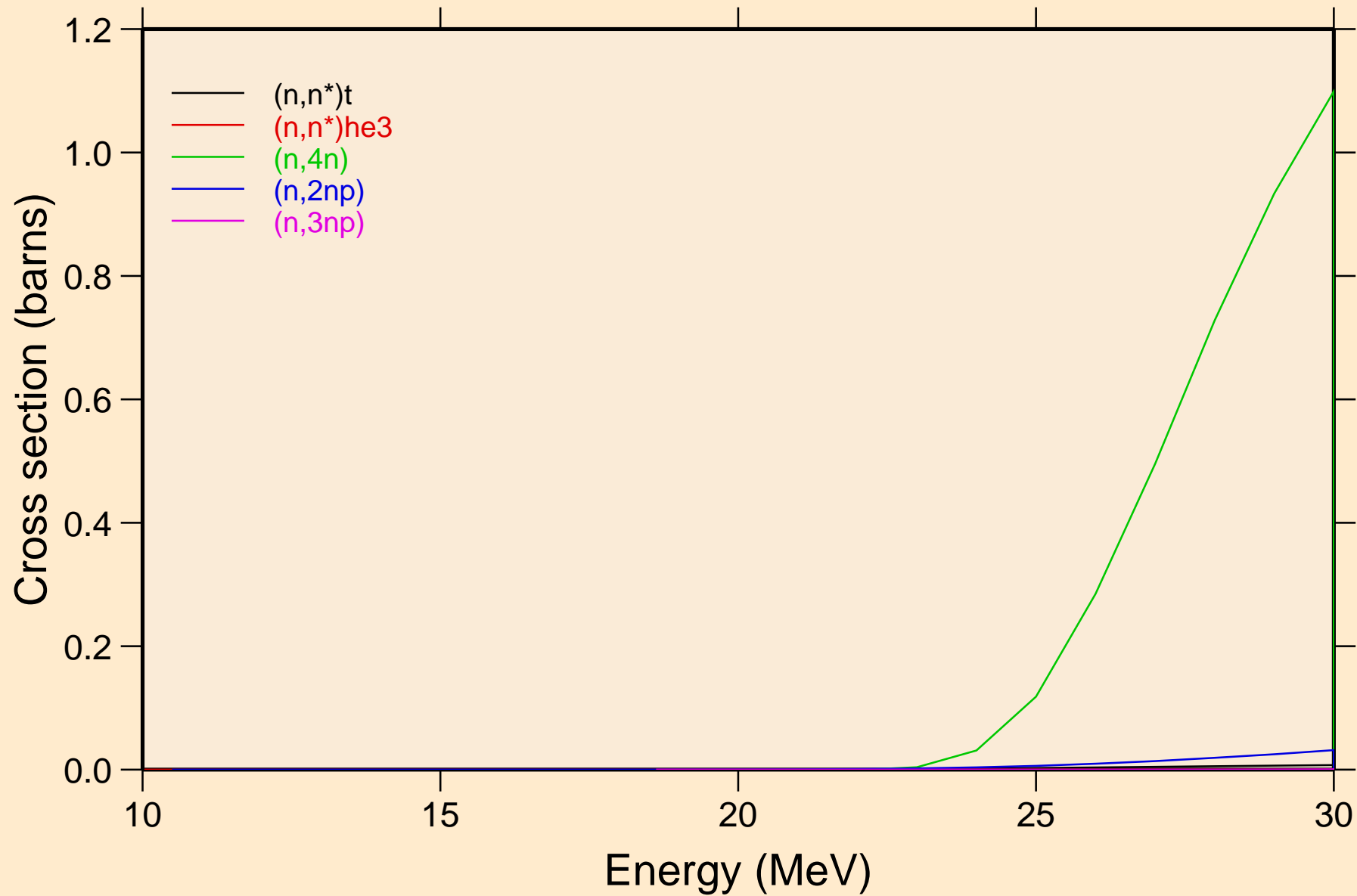
# BI208 NRG TENDL-2015, AKONING

## Threshold reactions



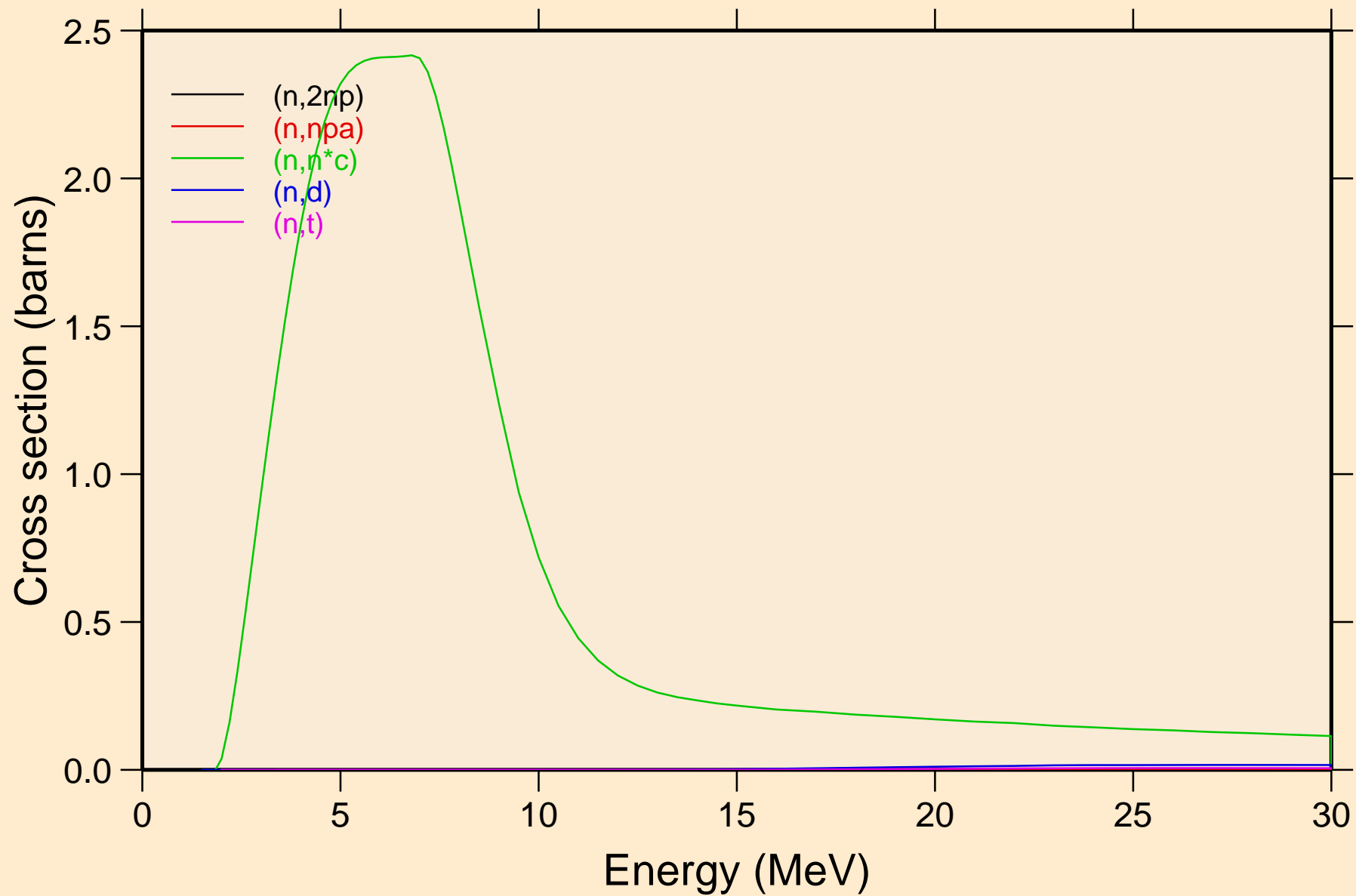
# BI208 NRG TENDL-2015, AKONING

## Threshold reactions



# BI208 NRG TENDL-2015, AKONING

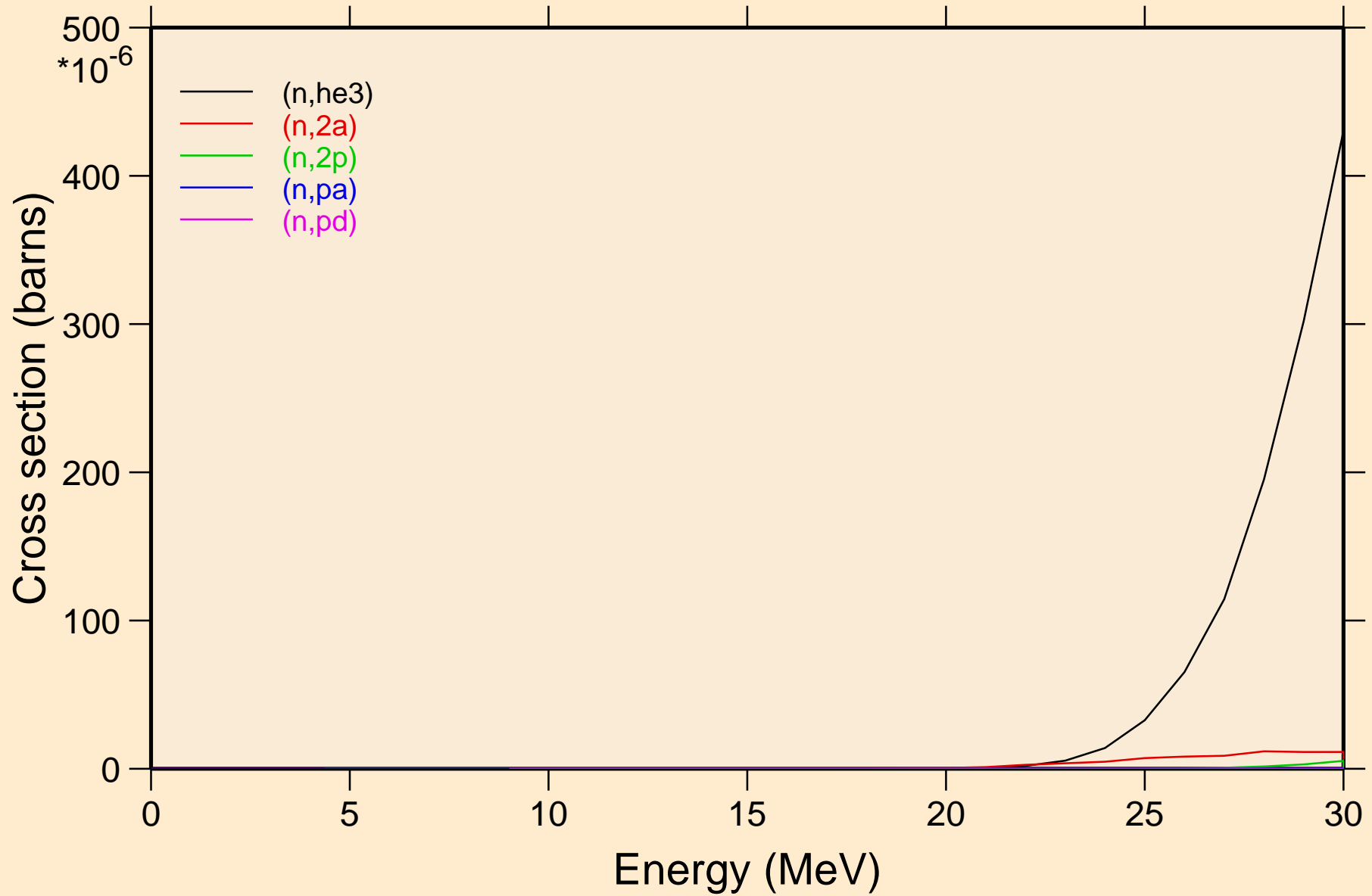
## Threshold reactions





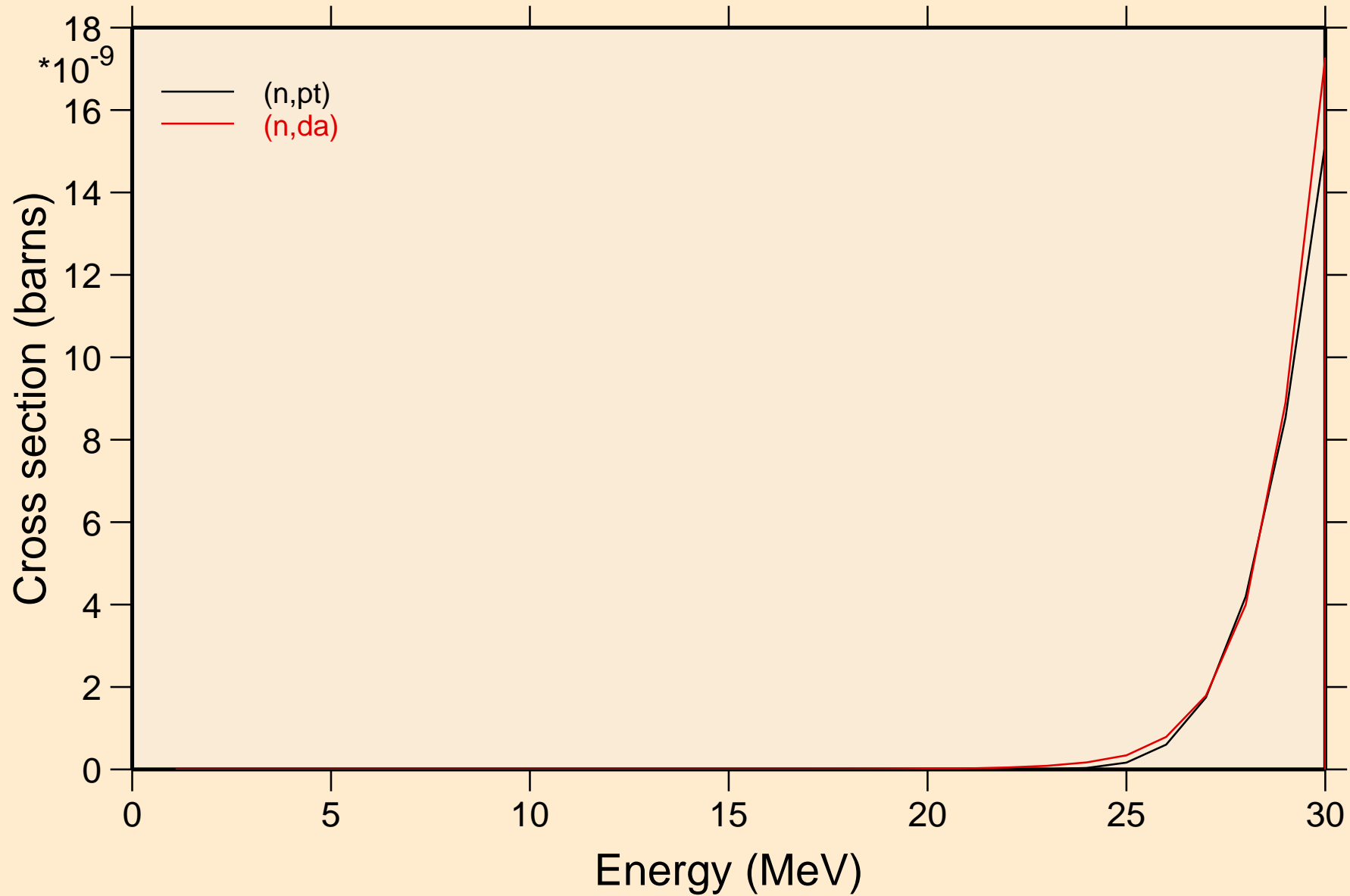
# BI208 NRG TENDL-2015, AKONING

## Threshold reactions

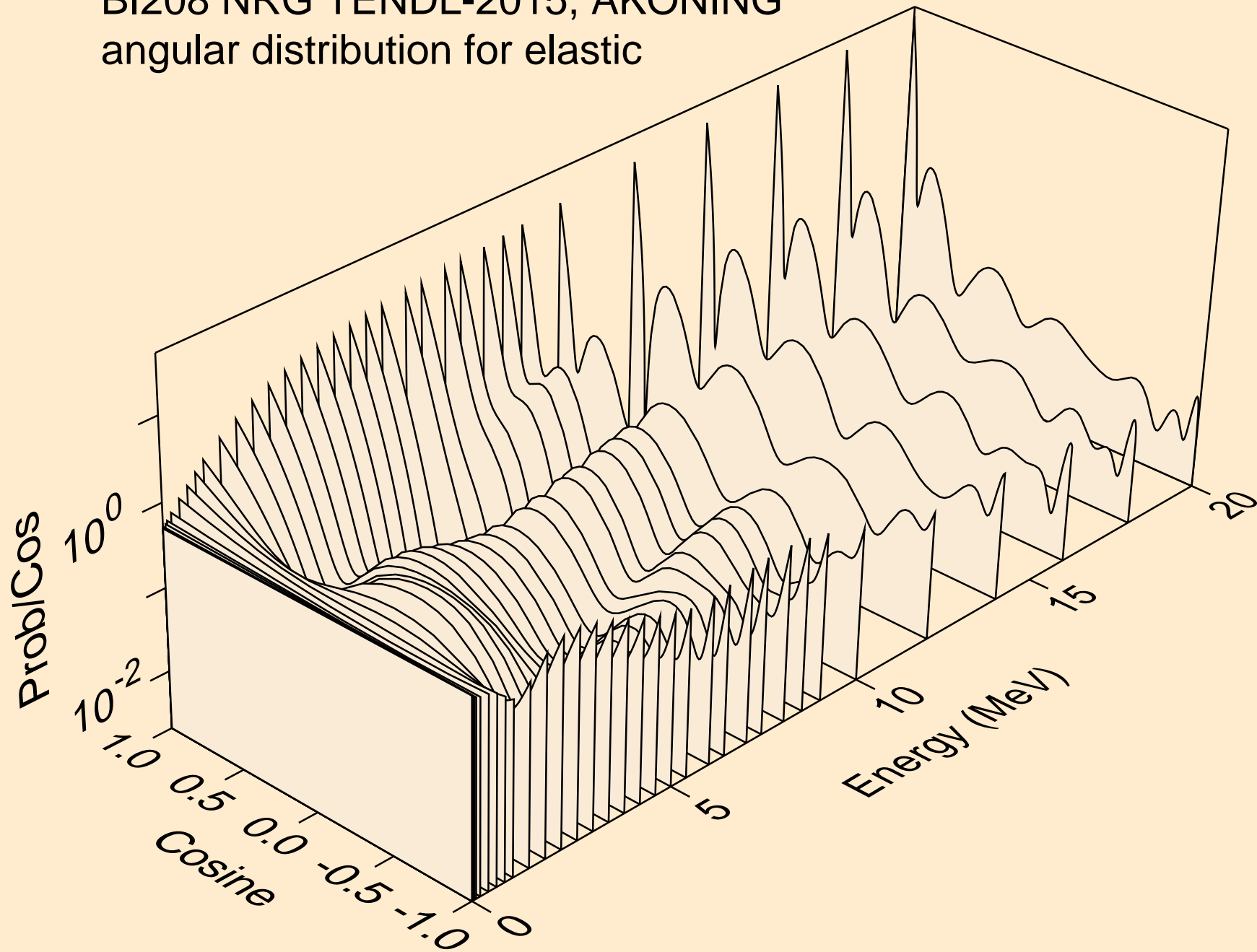


# BI208 NRG TENDL-2015, AKONING

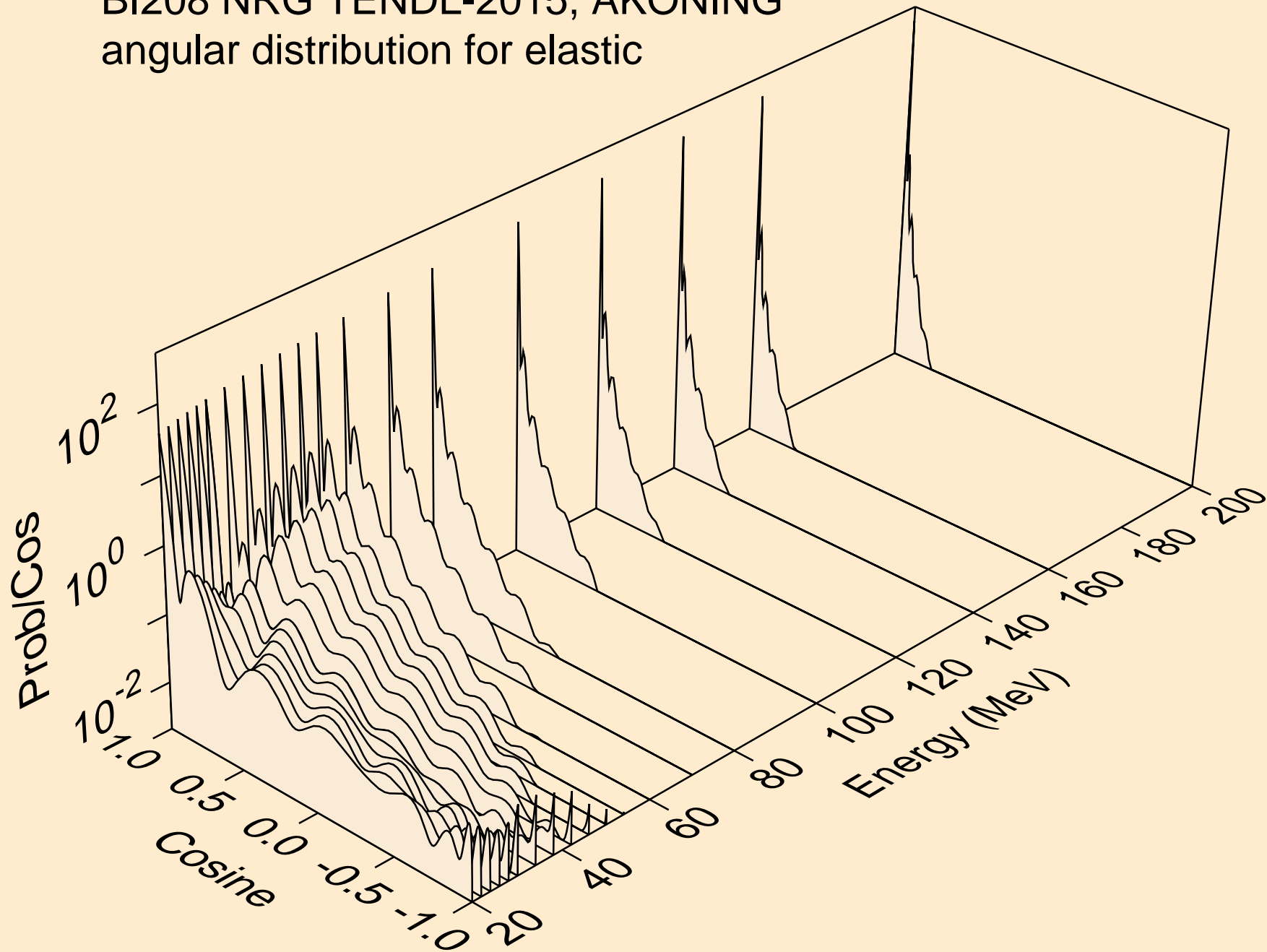
## Threshold reactions



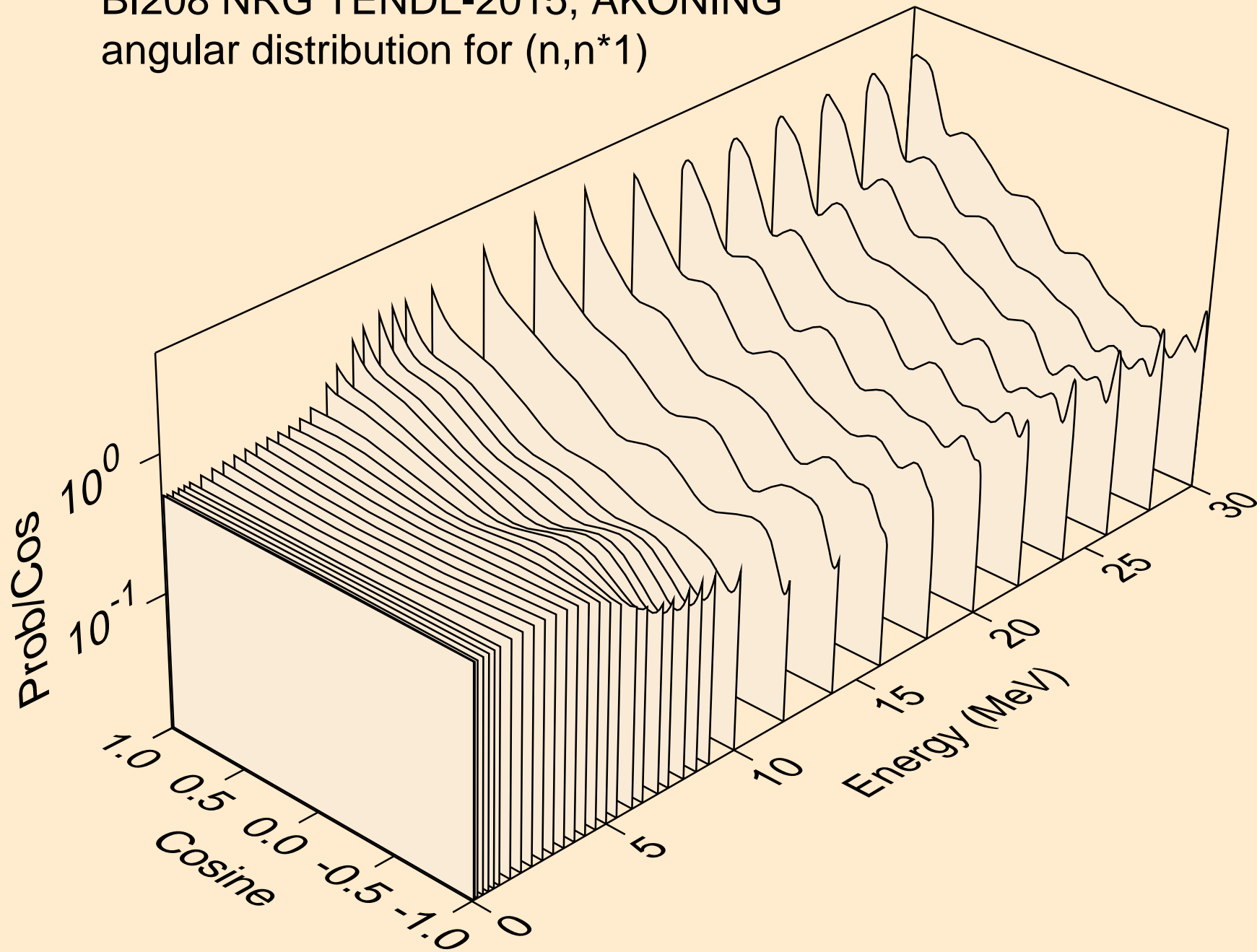
BI208 NRG TENDL-2015, AKONING  
angular distribution for elastic



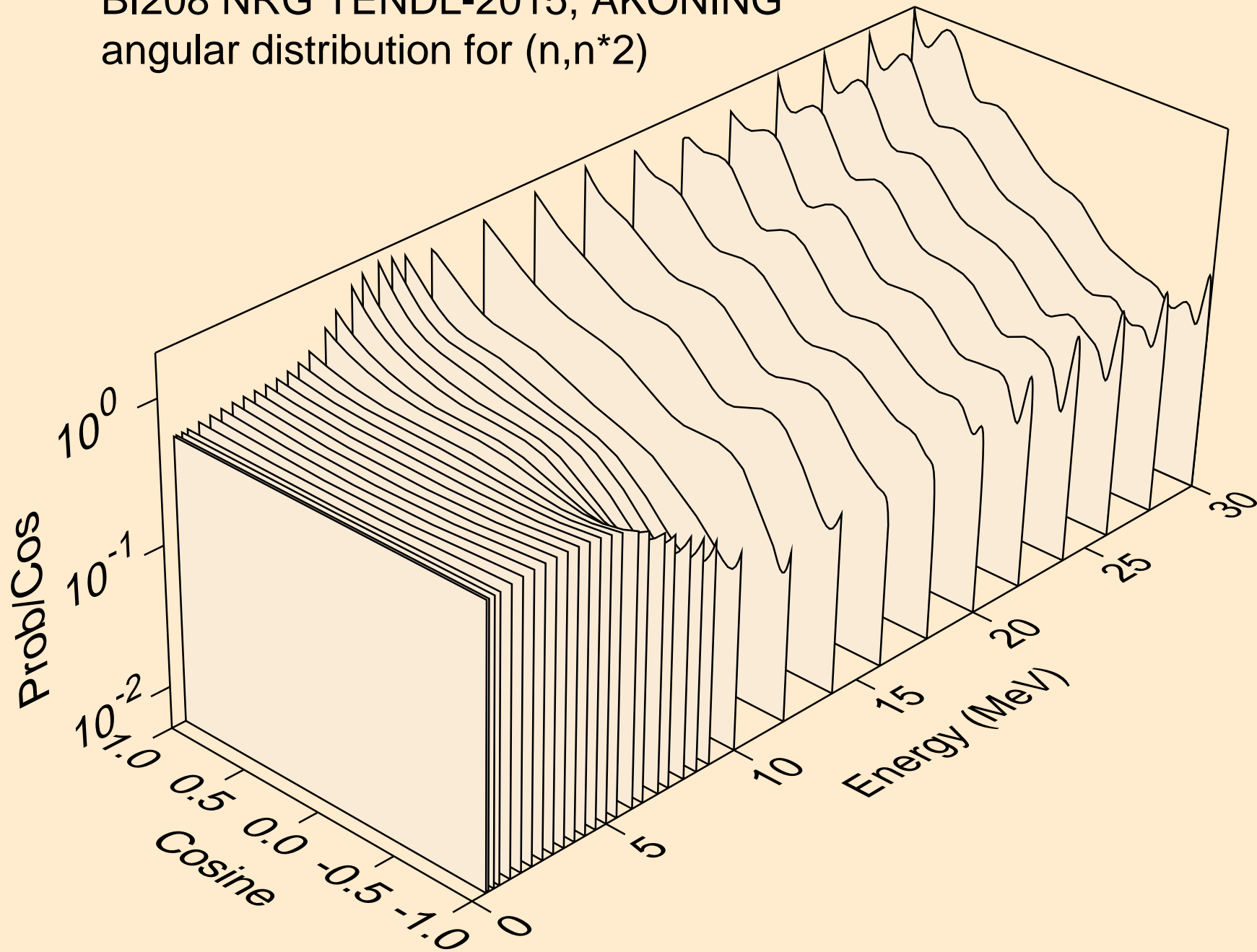
BI208 NRG TENDL-2015, AKONING  
angular distribution for elastic



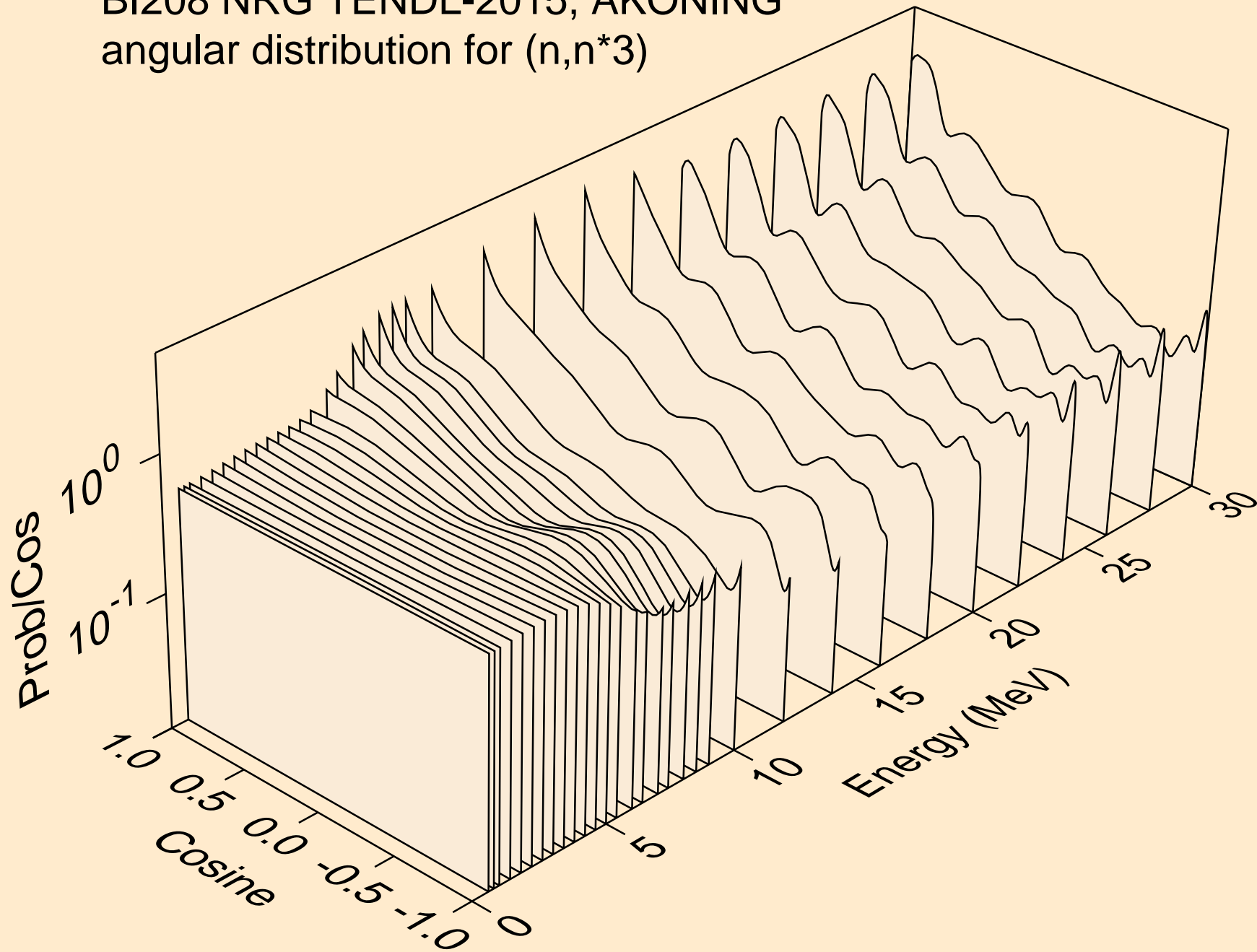
BI208 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



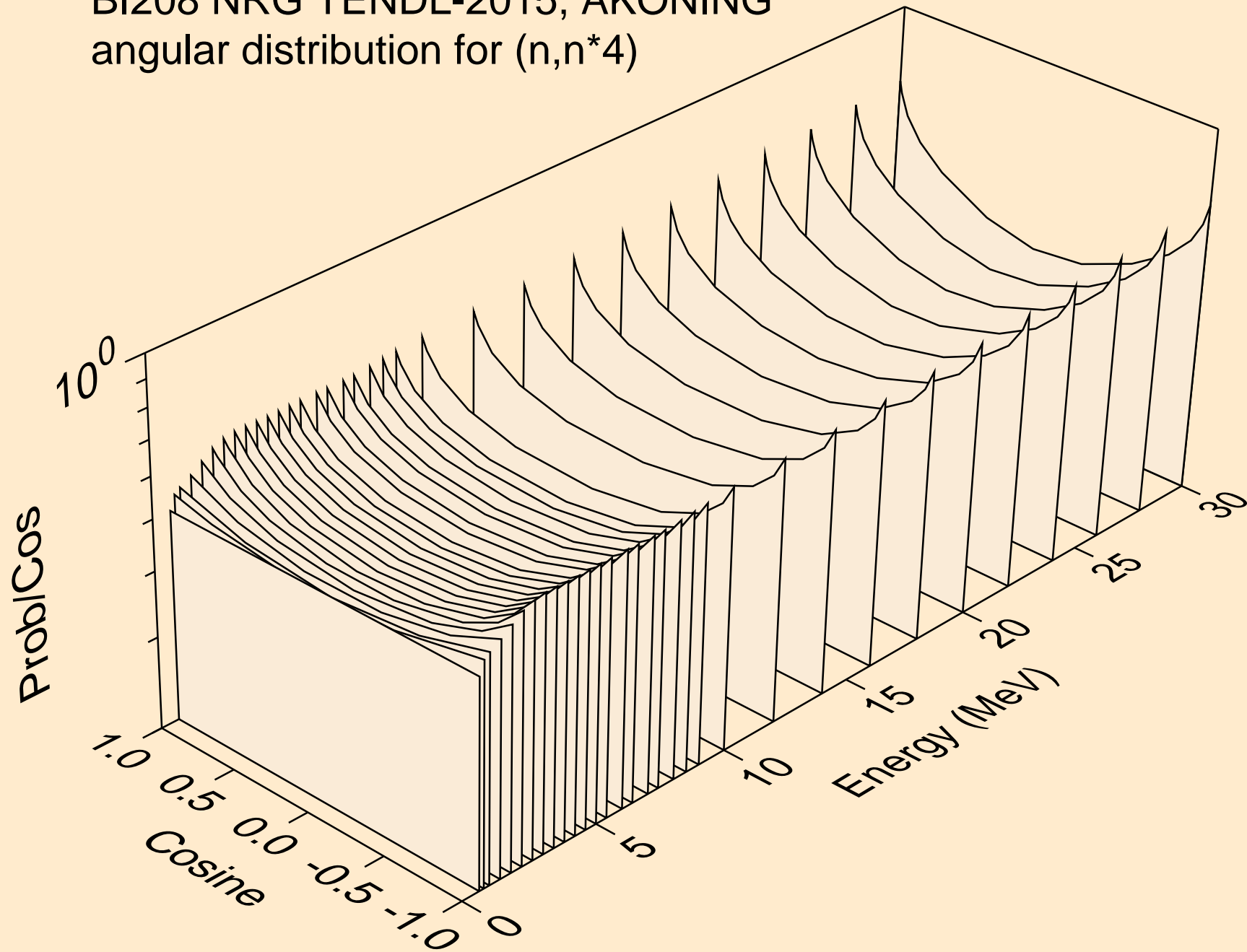
BI208 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



BI208 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)

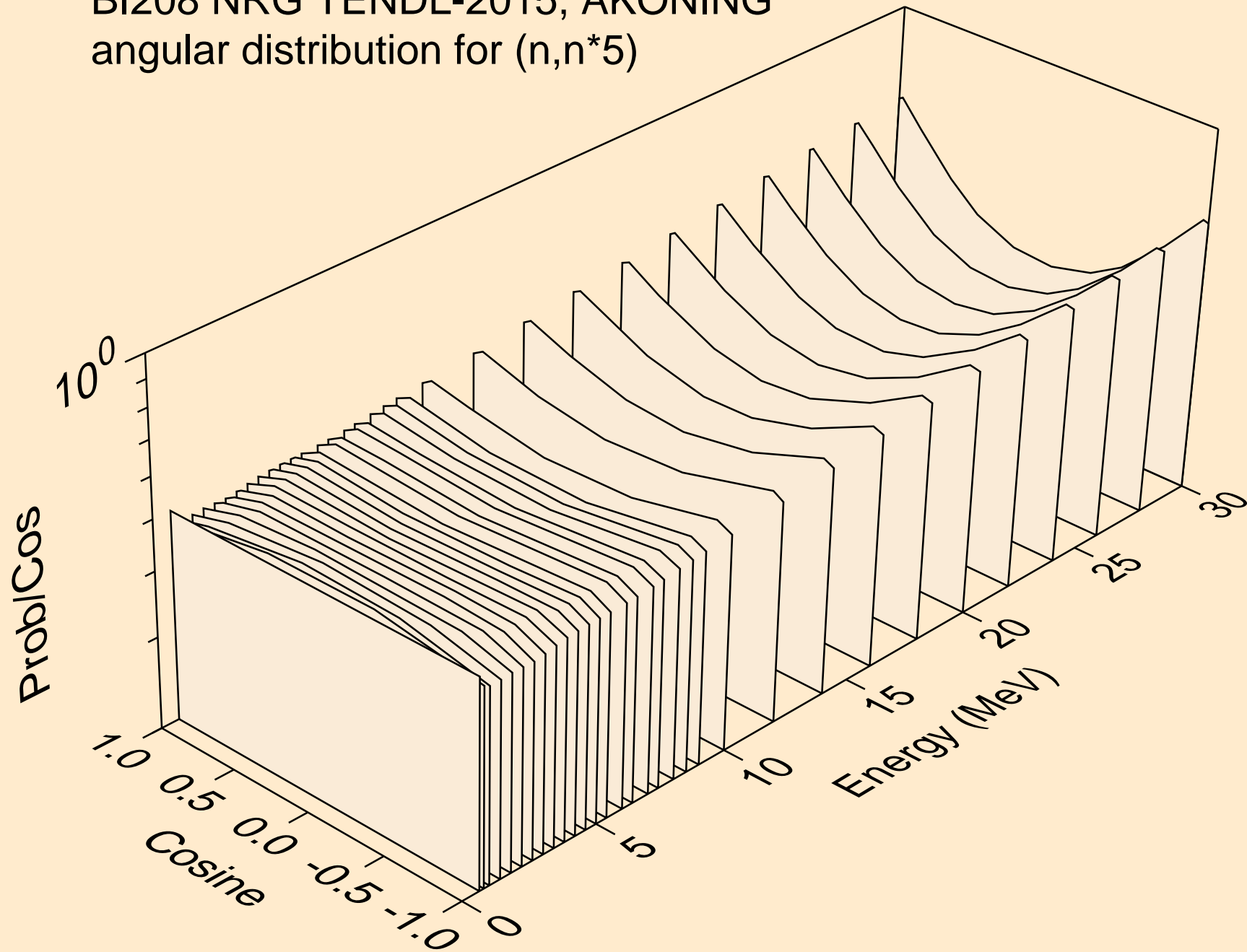


BI208 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)

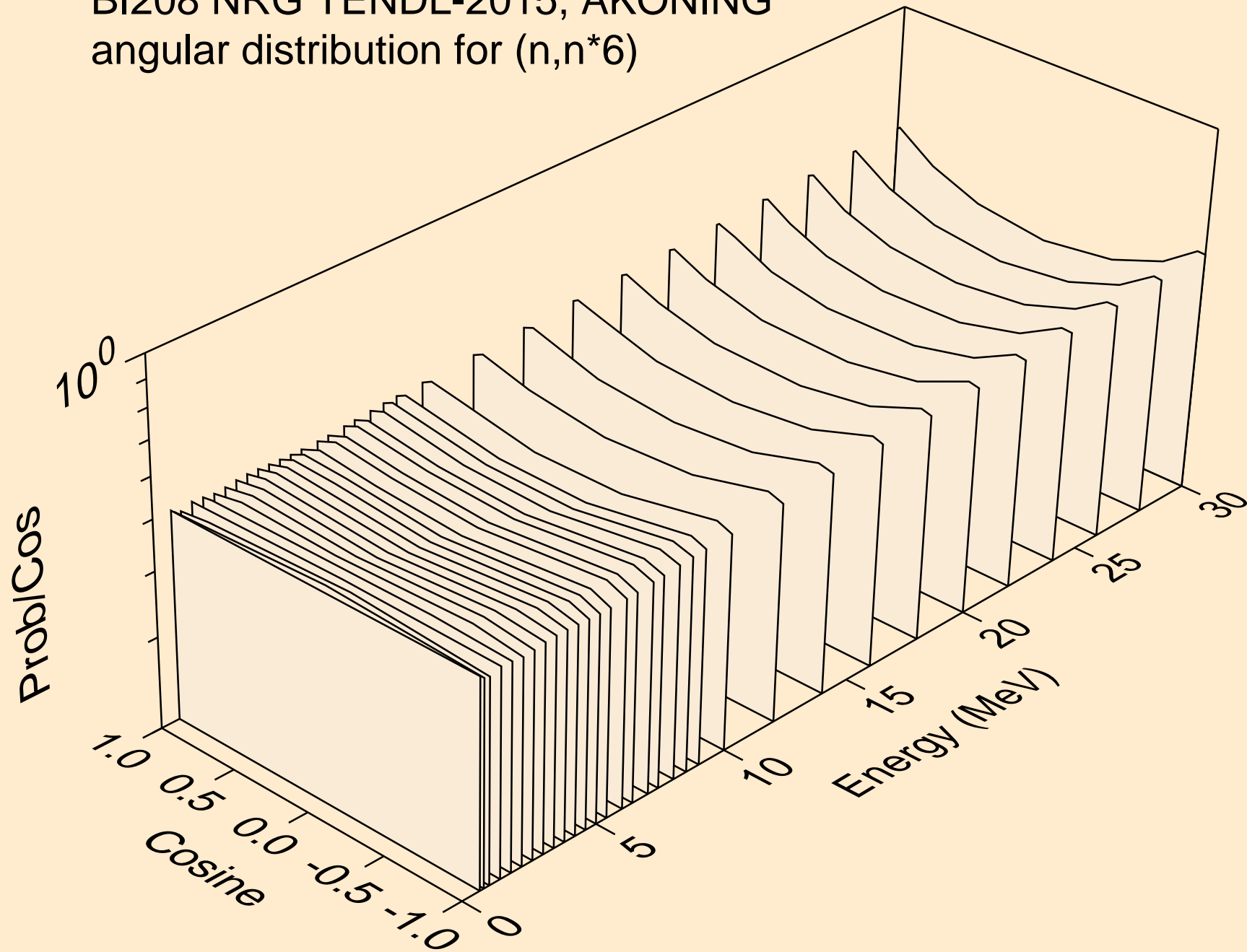




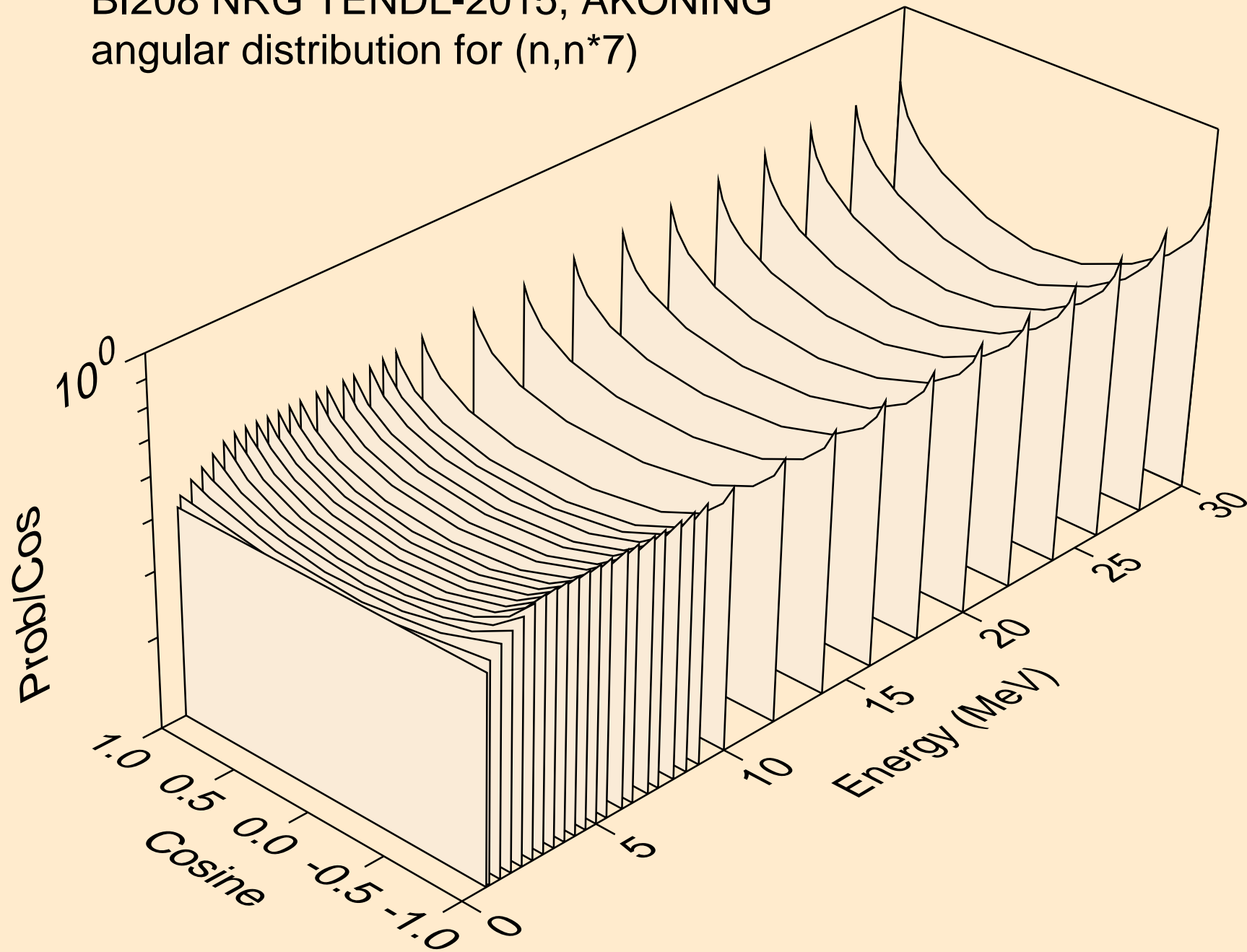
BI208 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



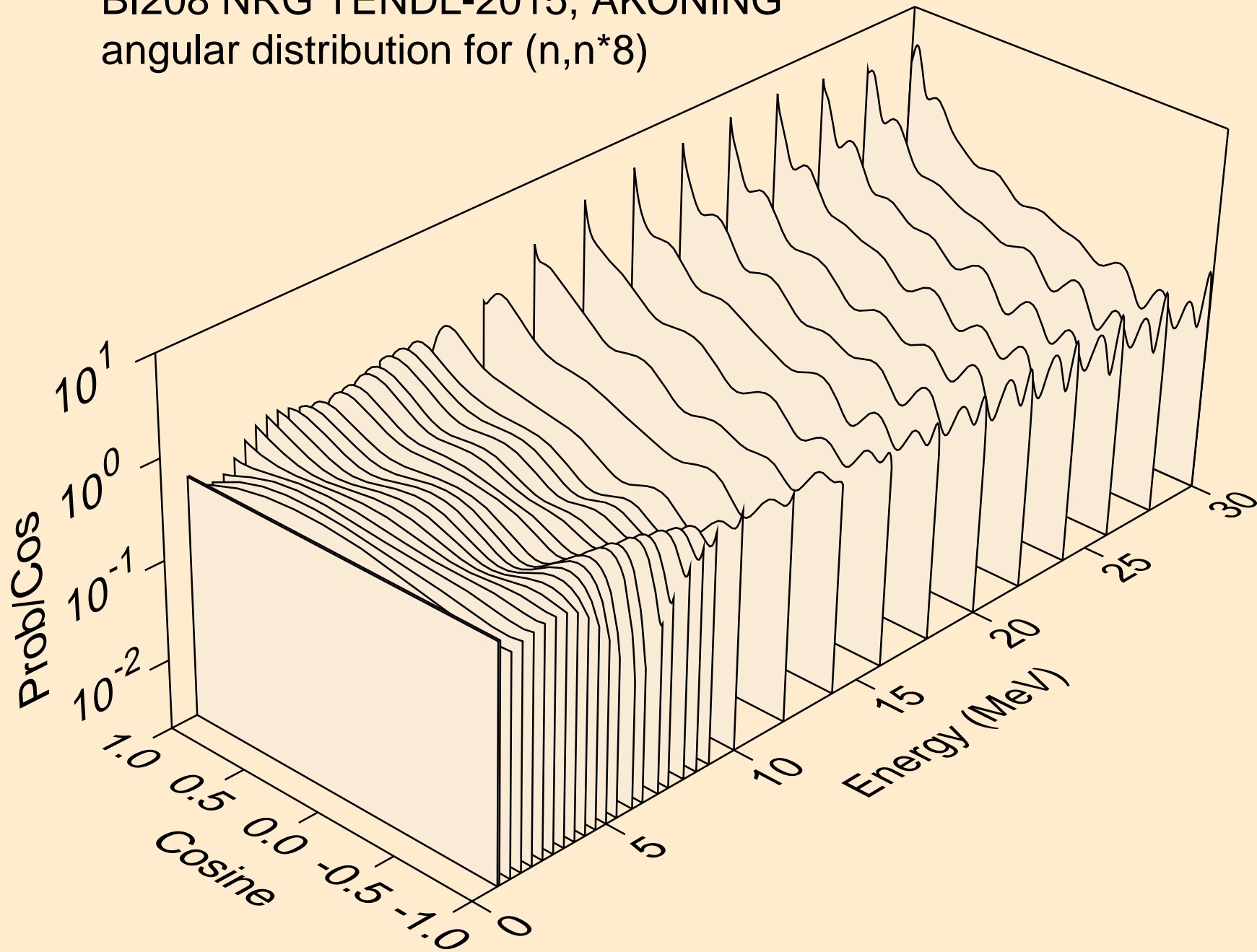
BI208 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



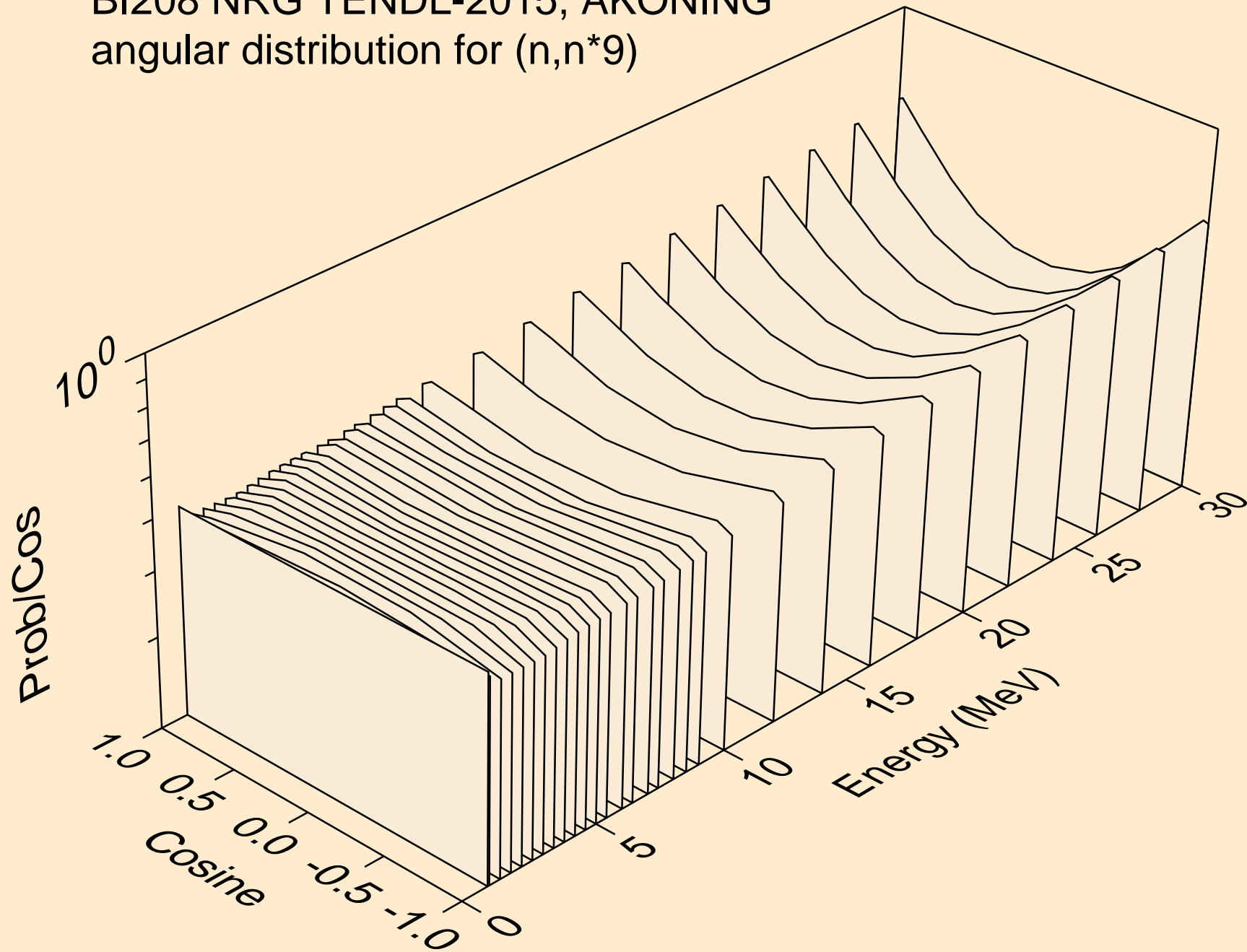
BI208 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



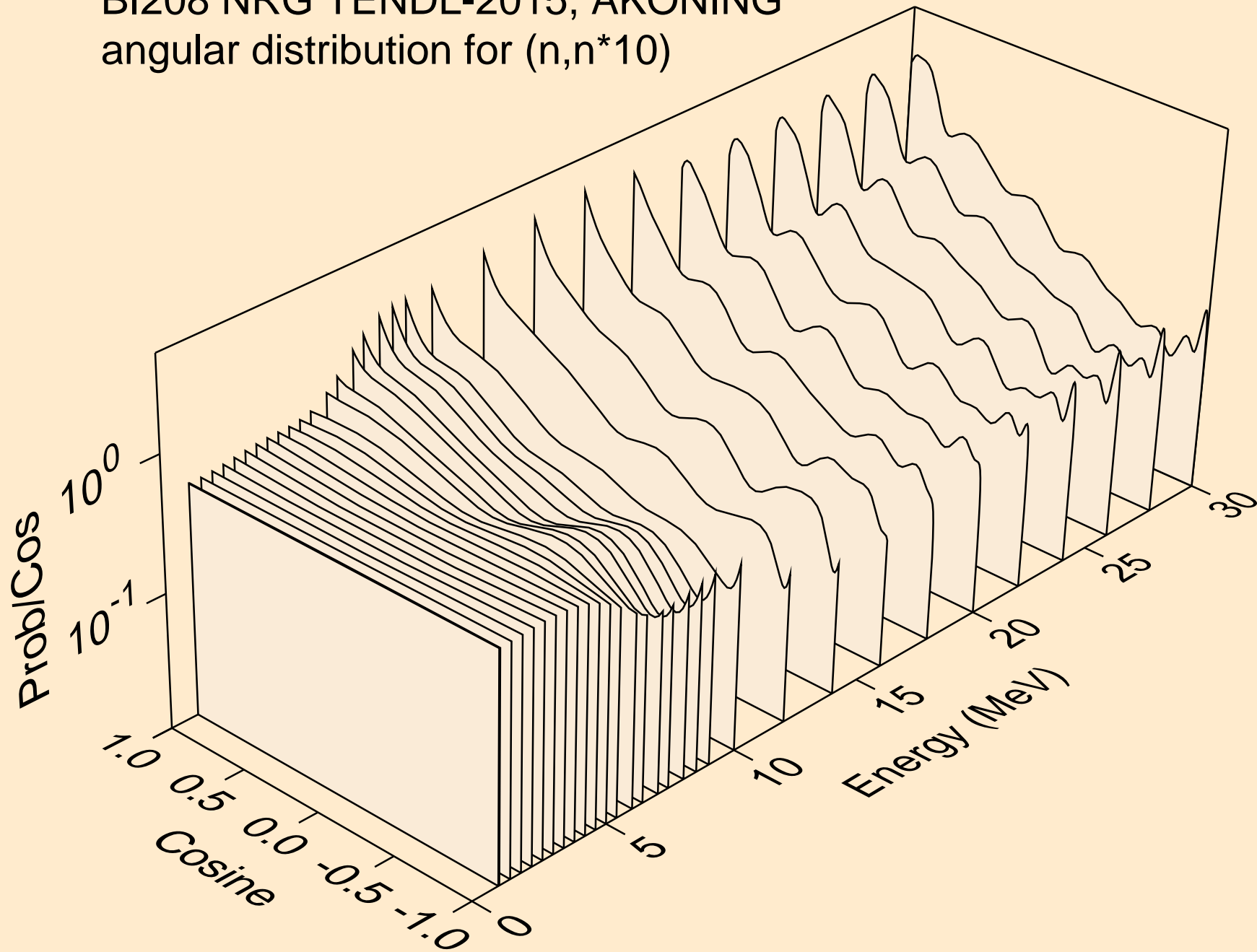
BI208 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



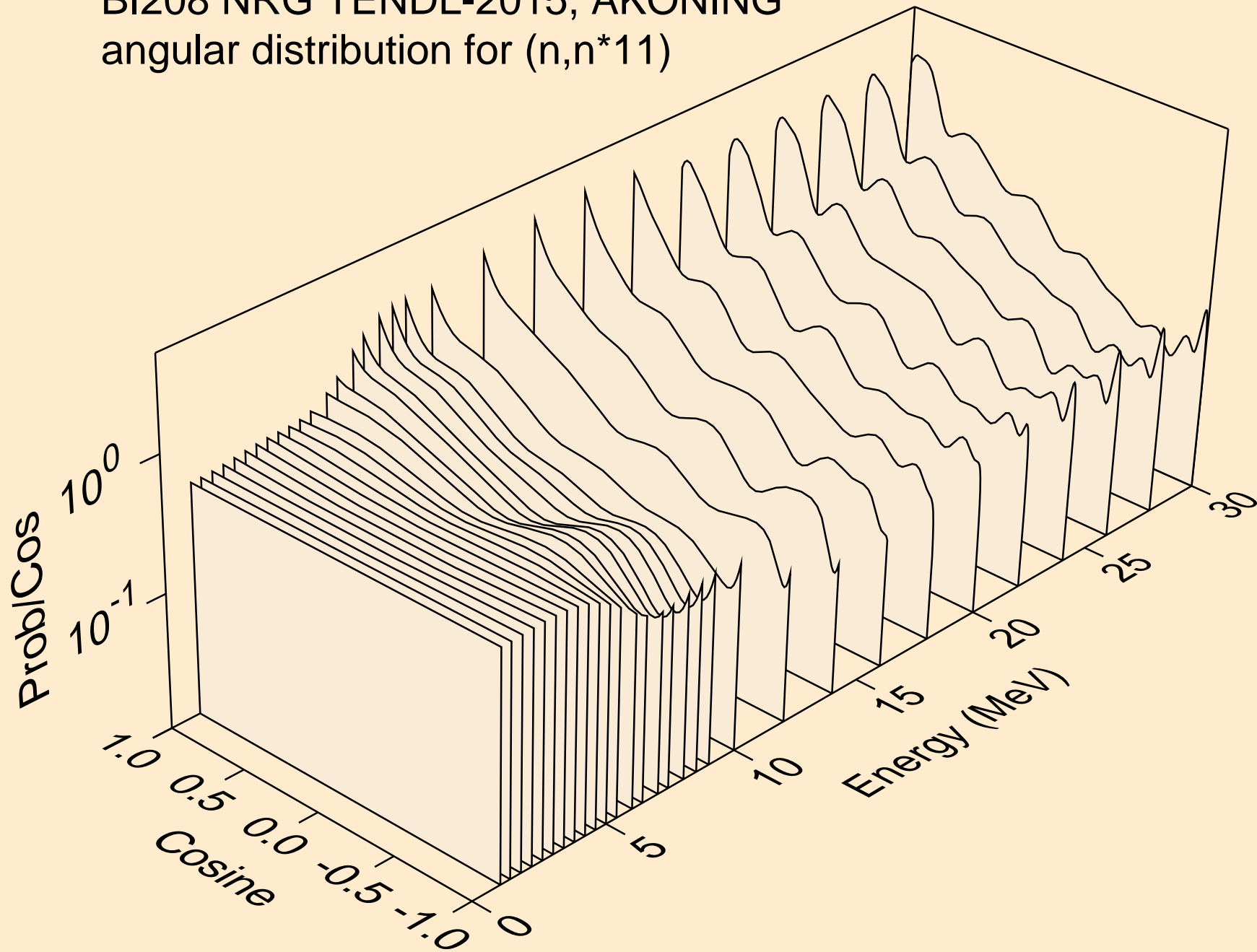
BI208 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



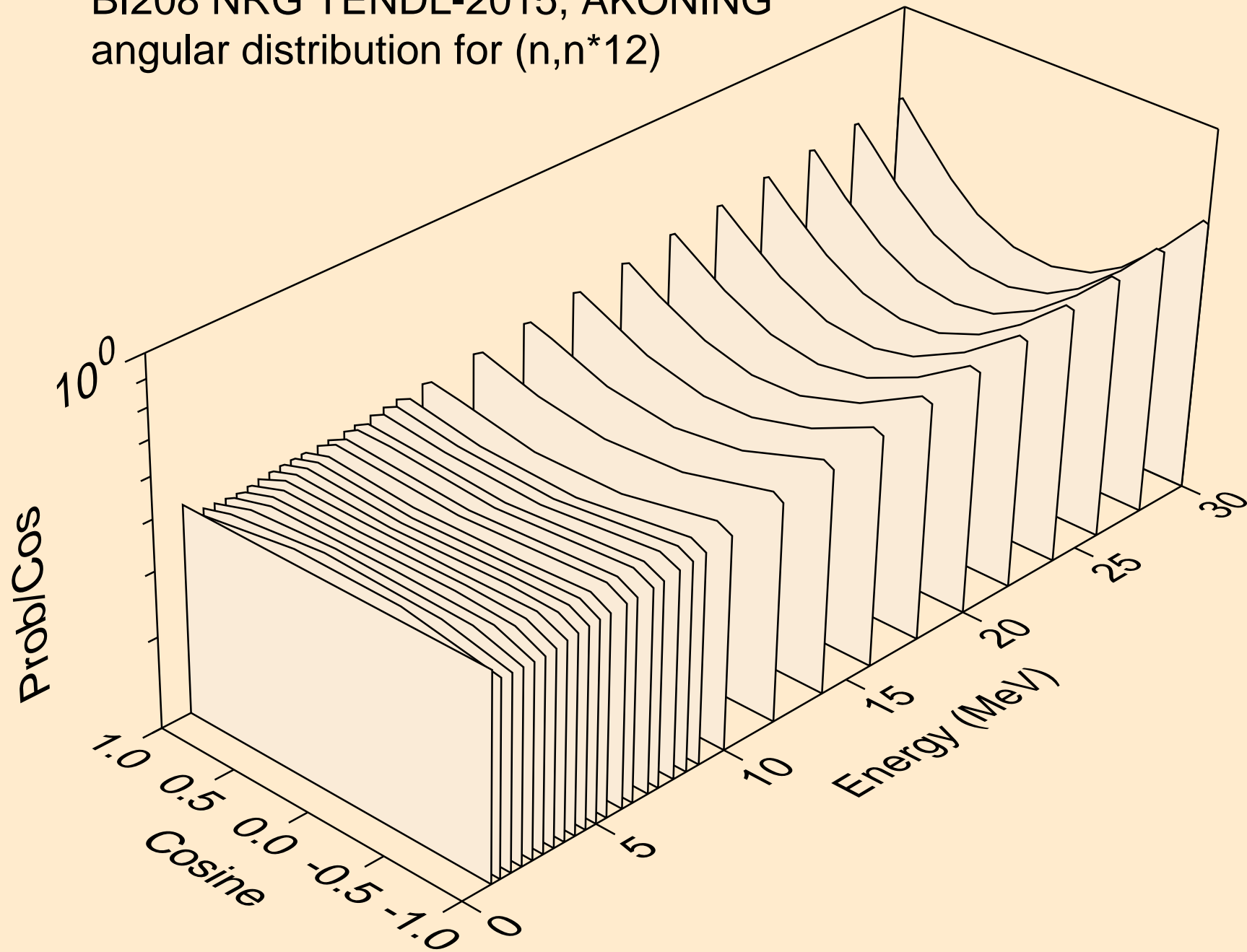
BI208 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



BI208 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)

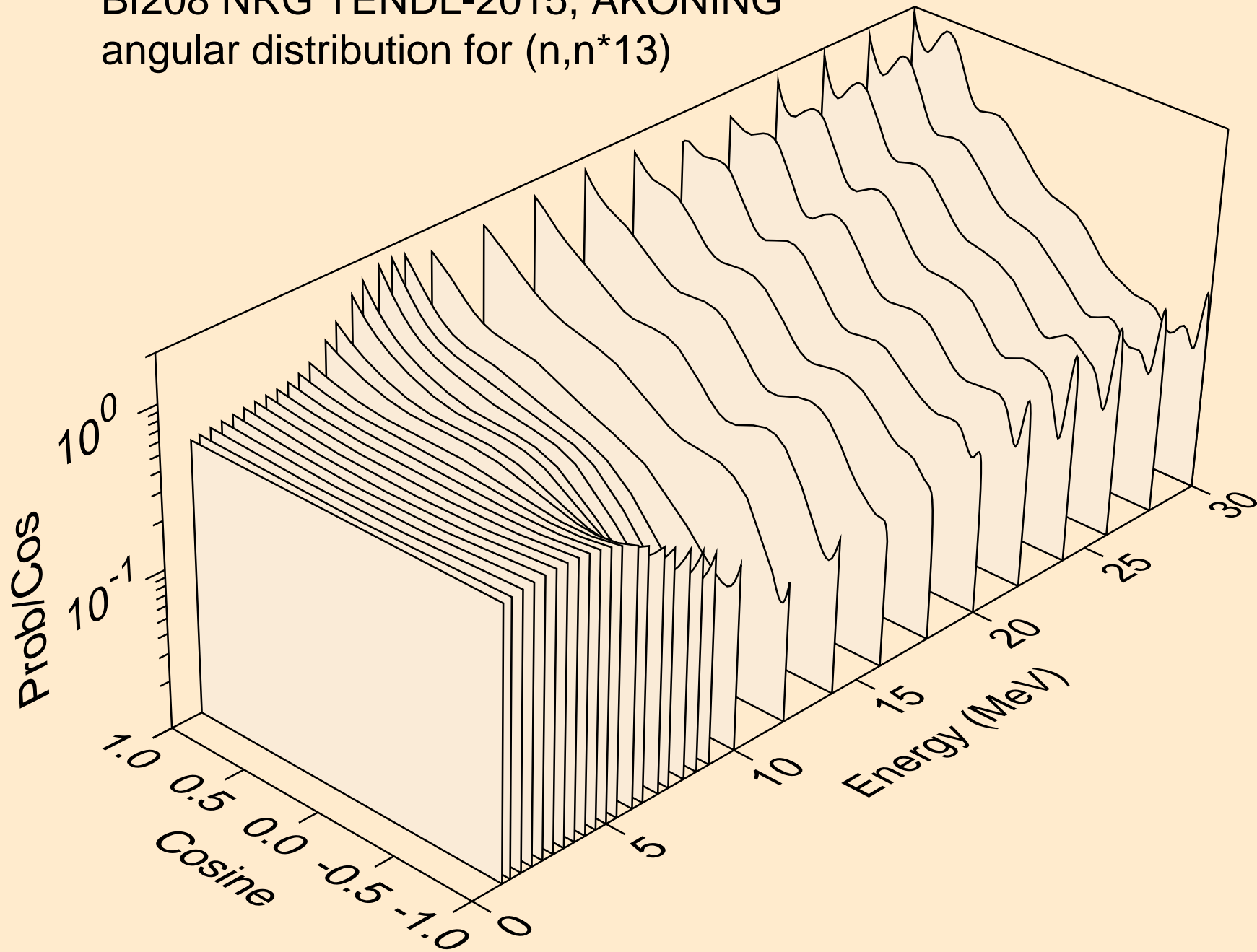


BI208 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)

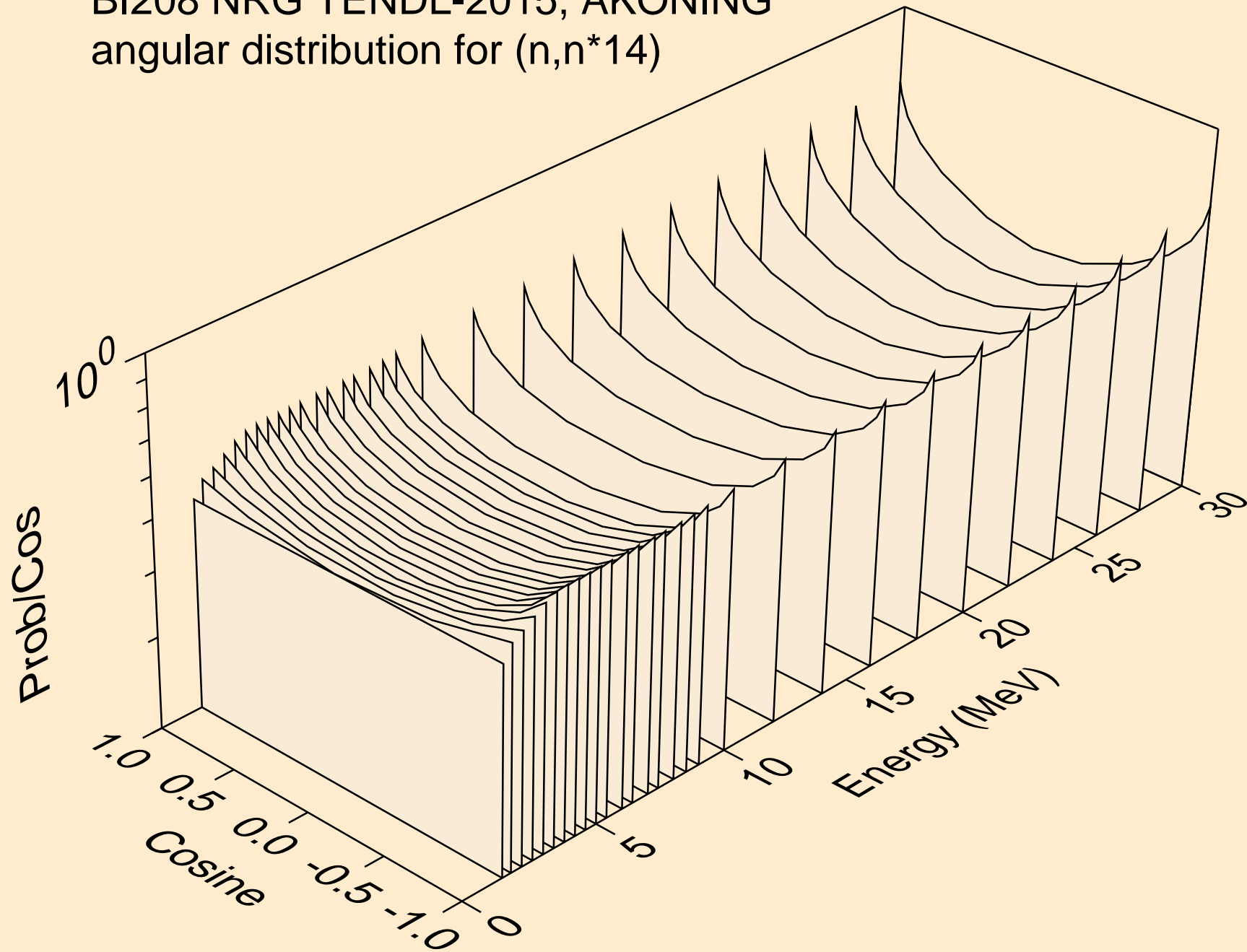




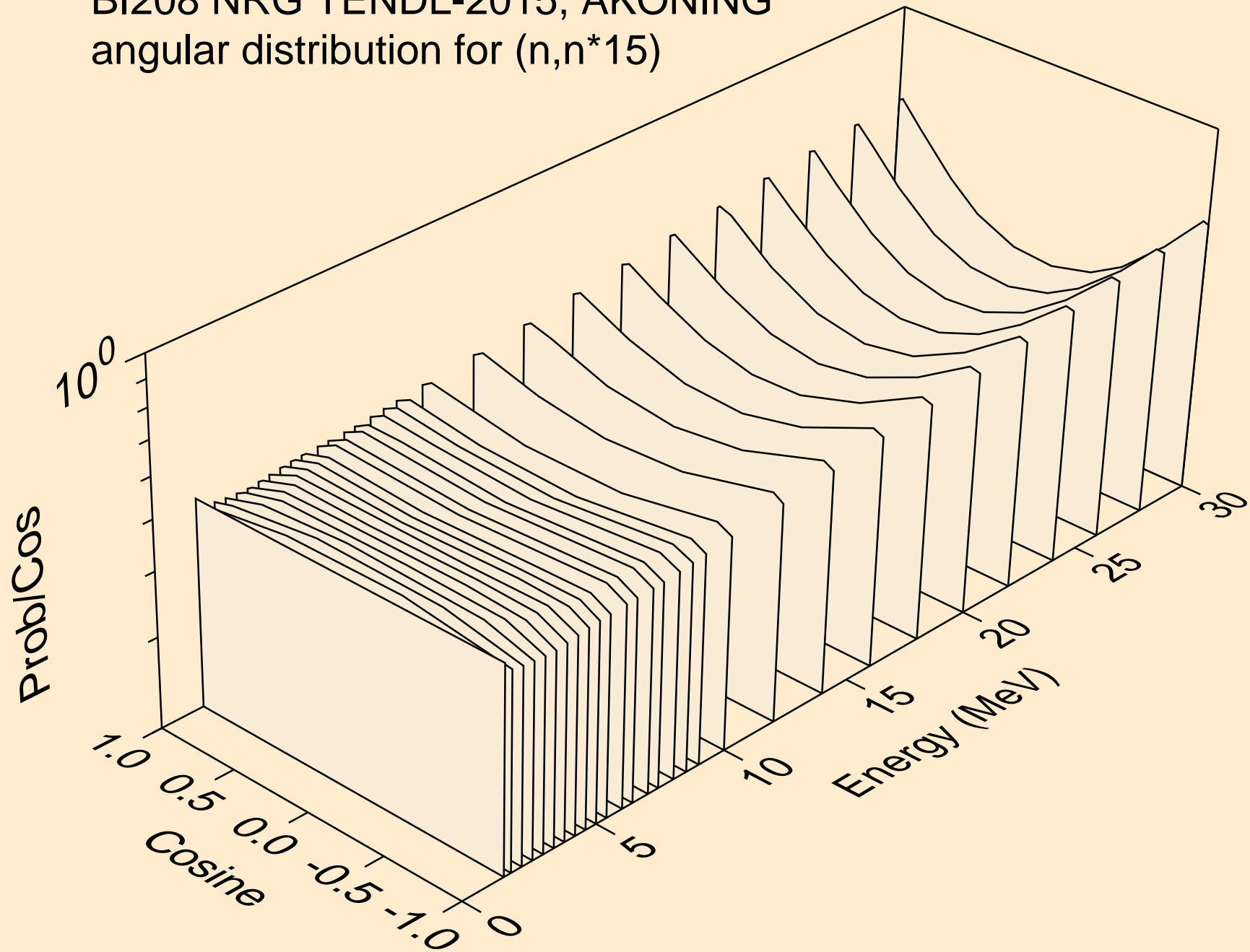
BI208 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



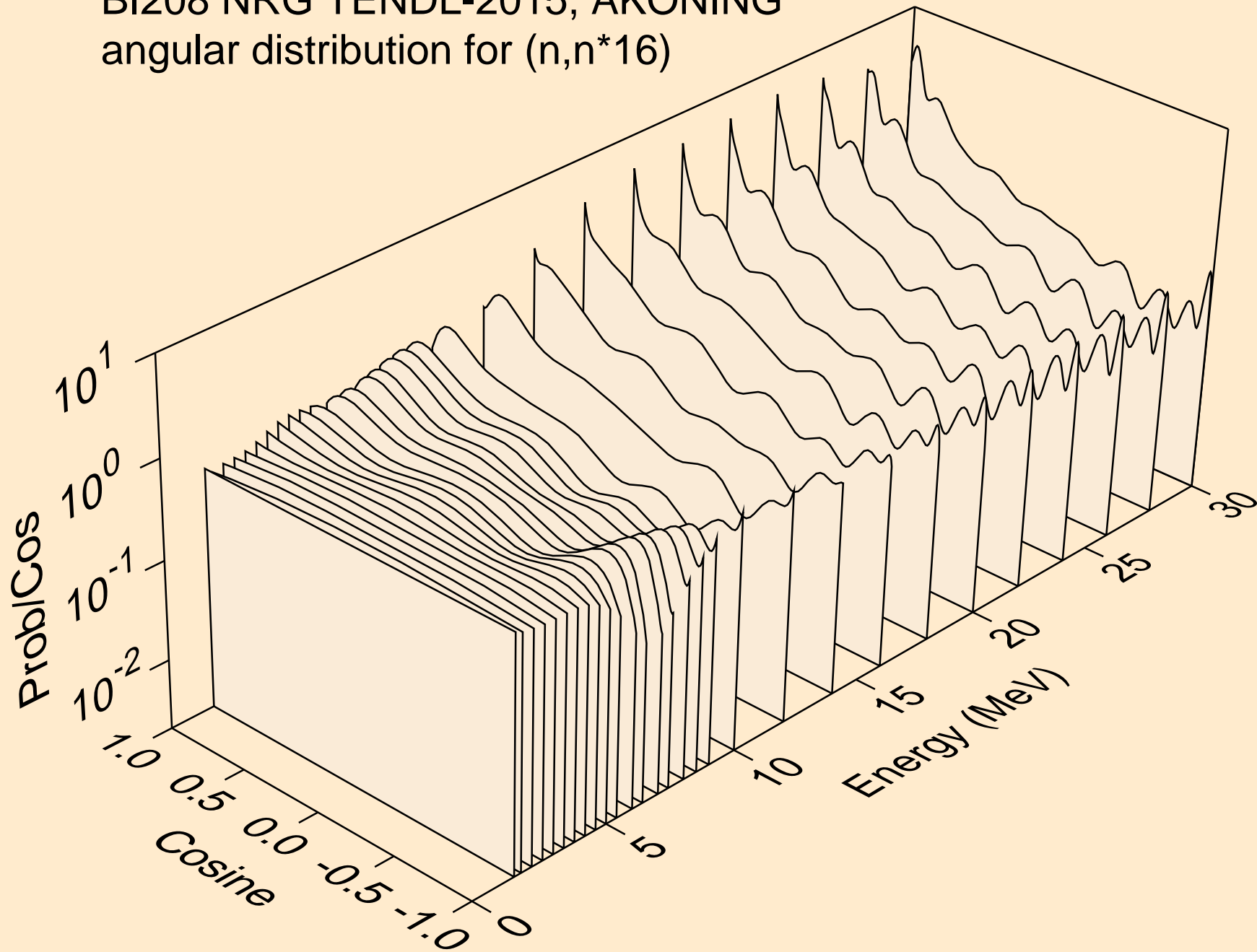
BI208 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



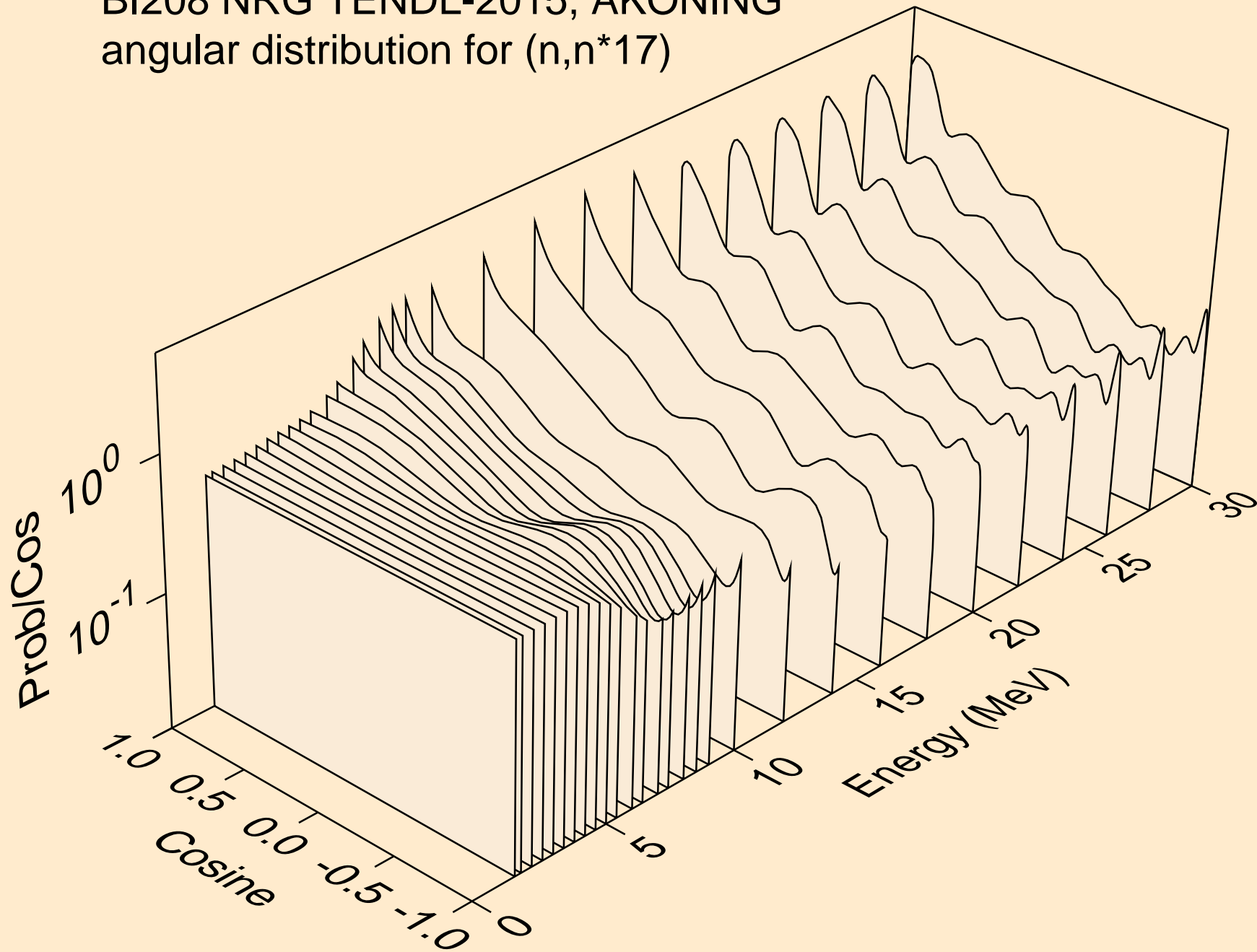
BI208 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



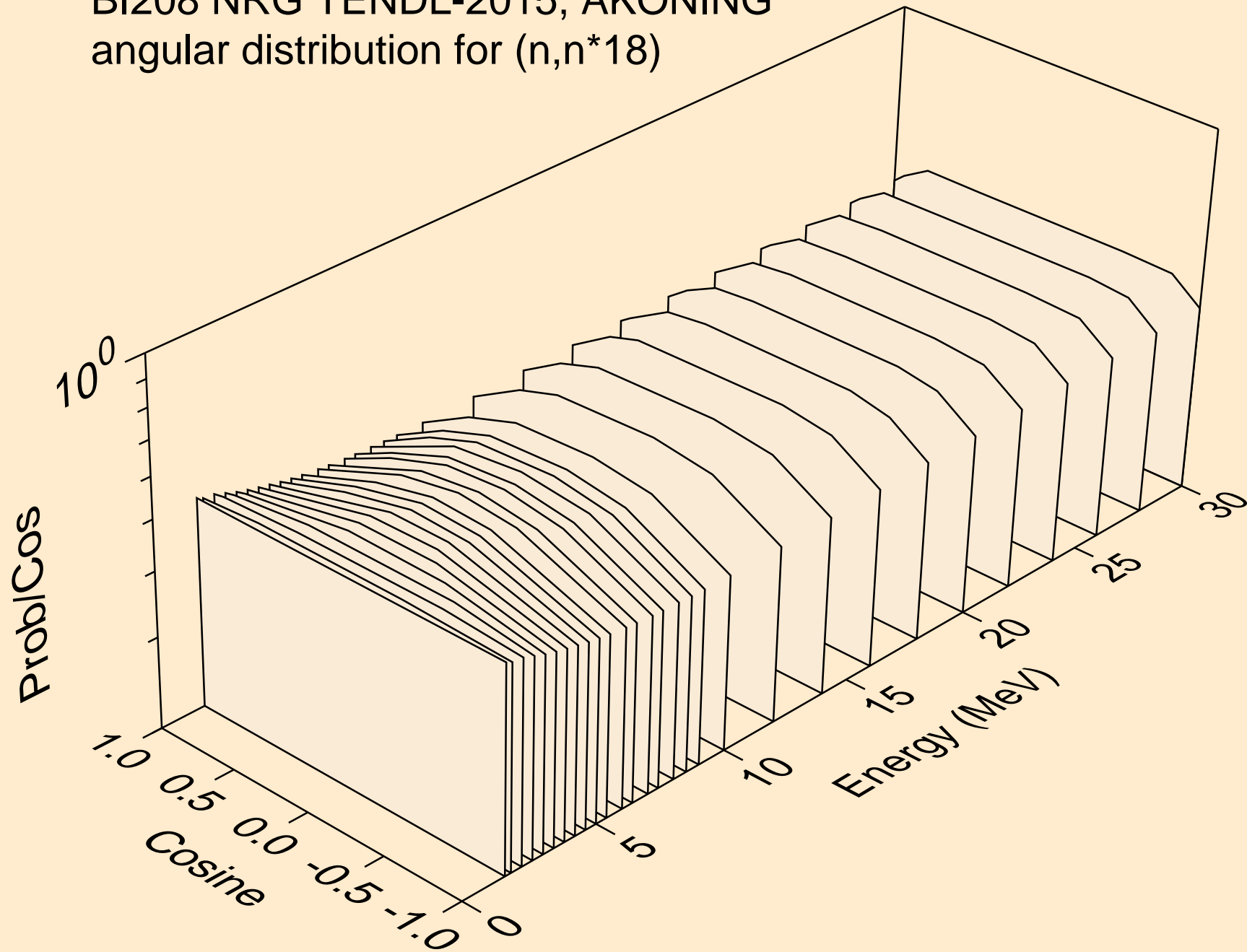
BI208 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



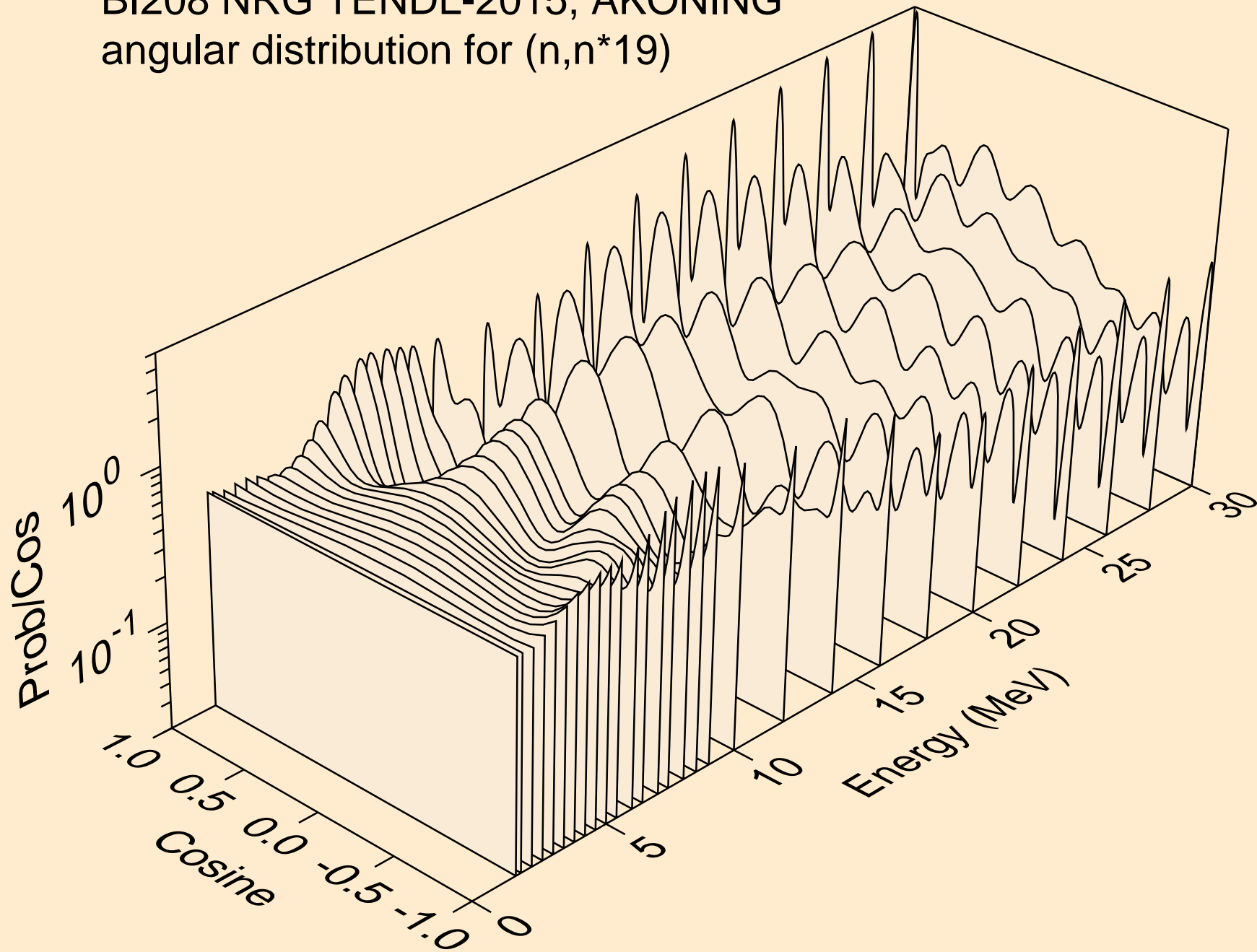
BI208 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



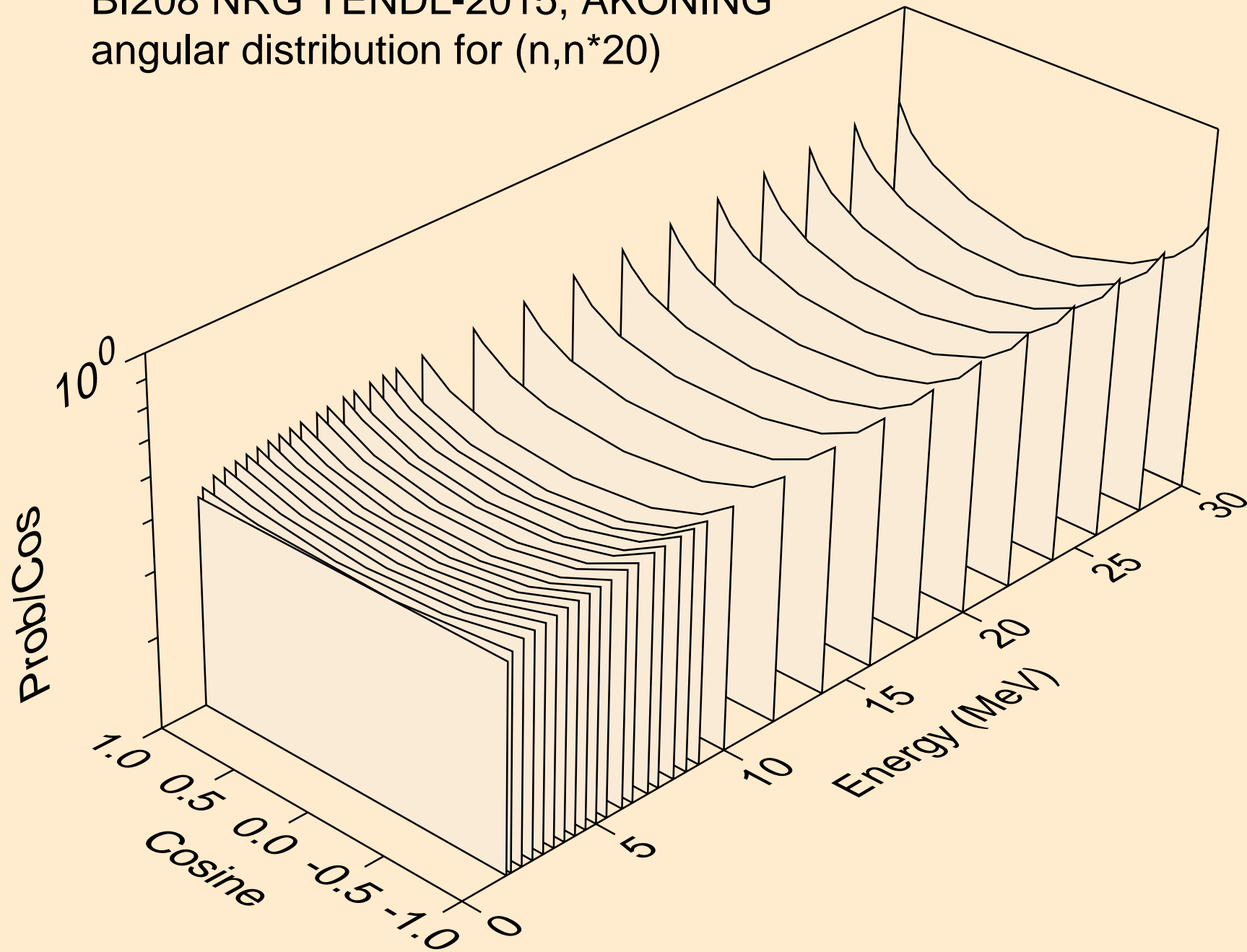
BI208 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



BI208 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)

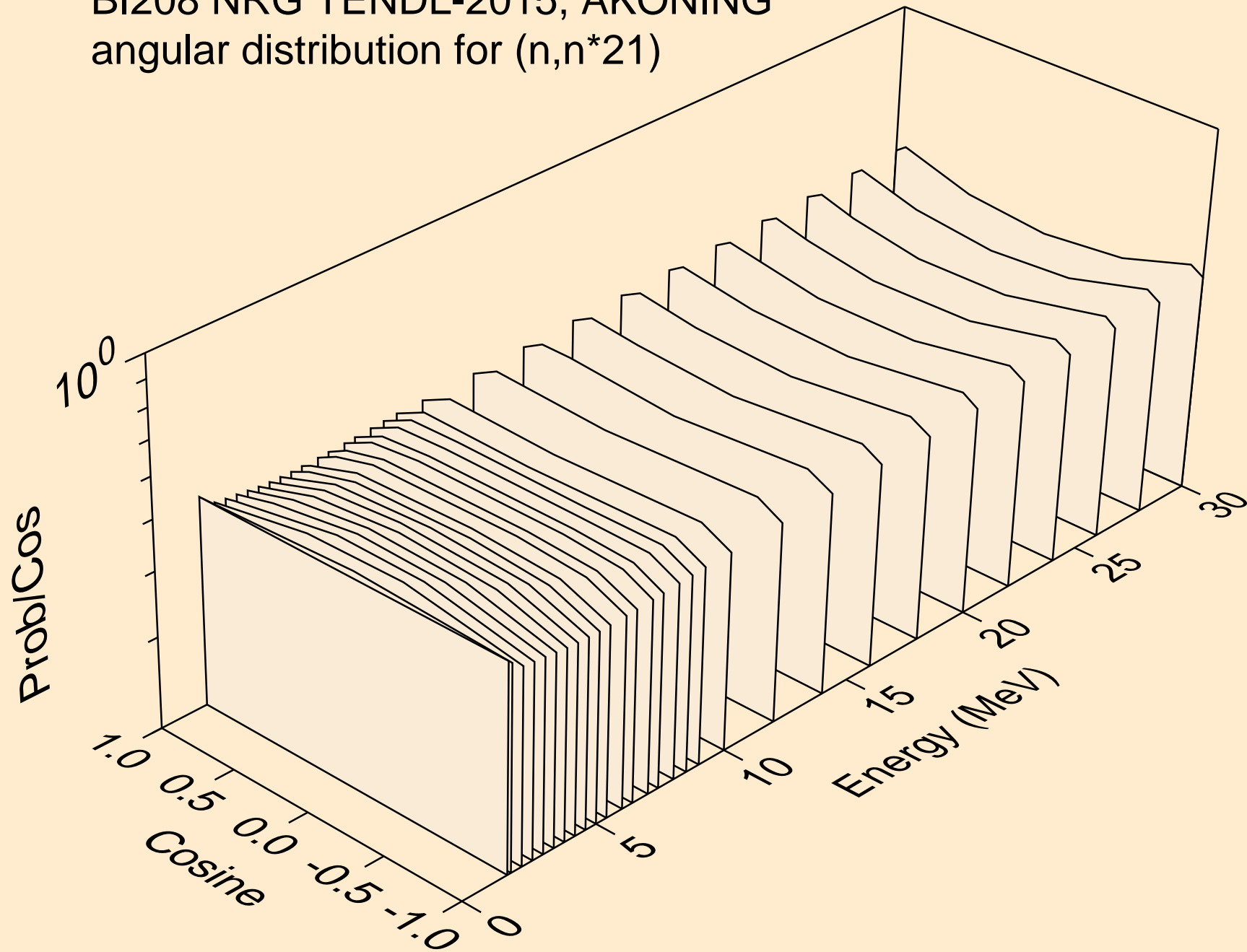


BI208 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)

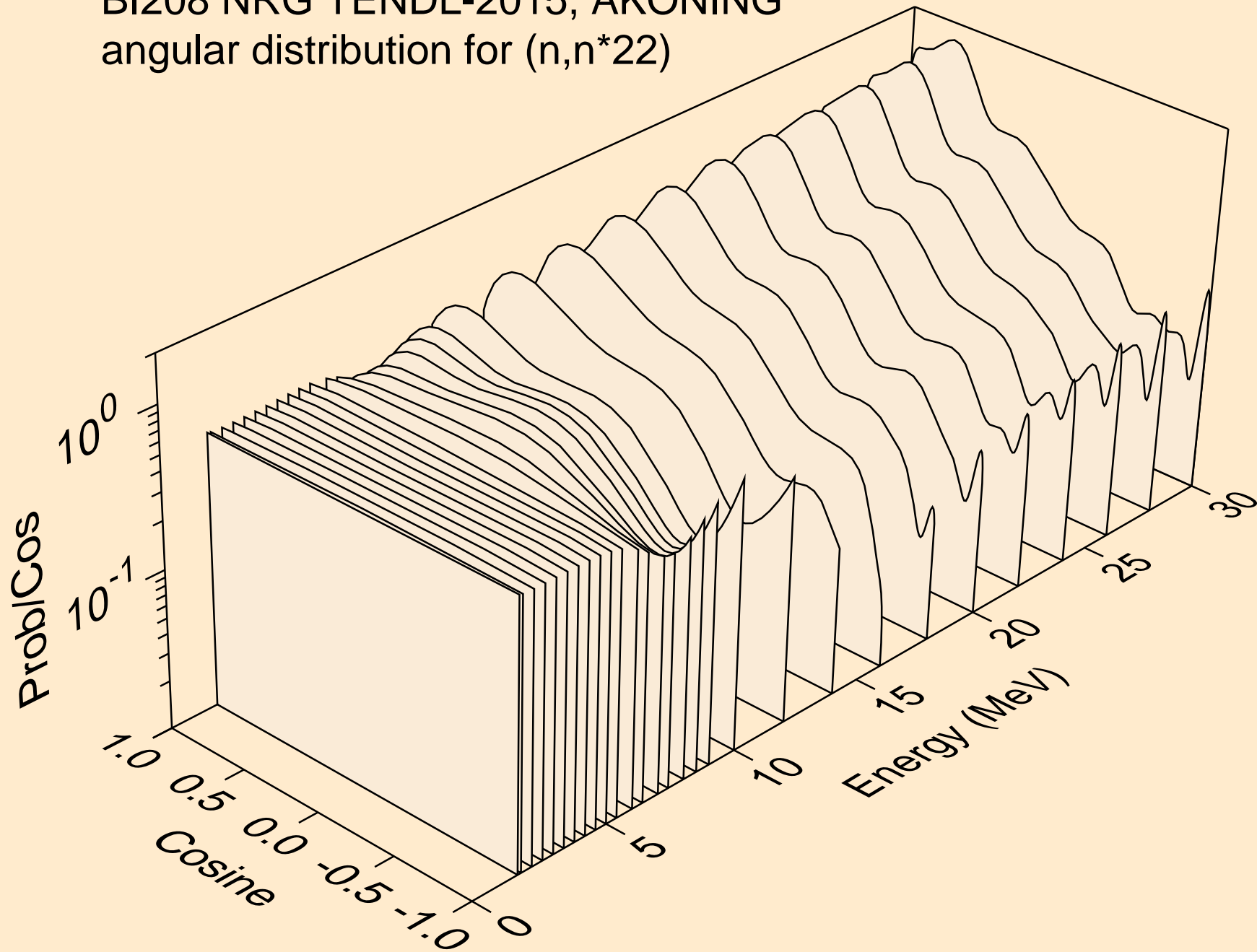




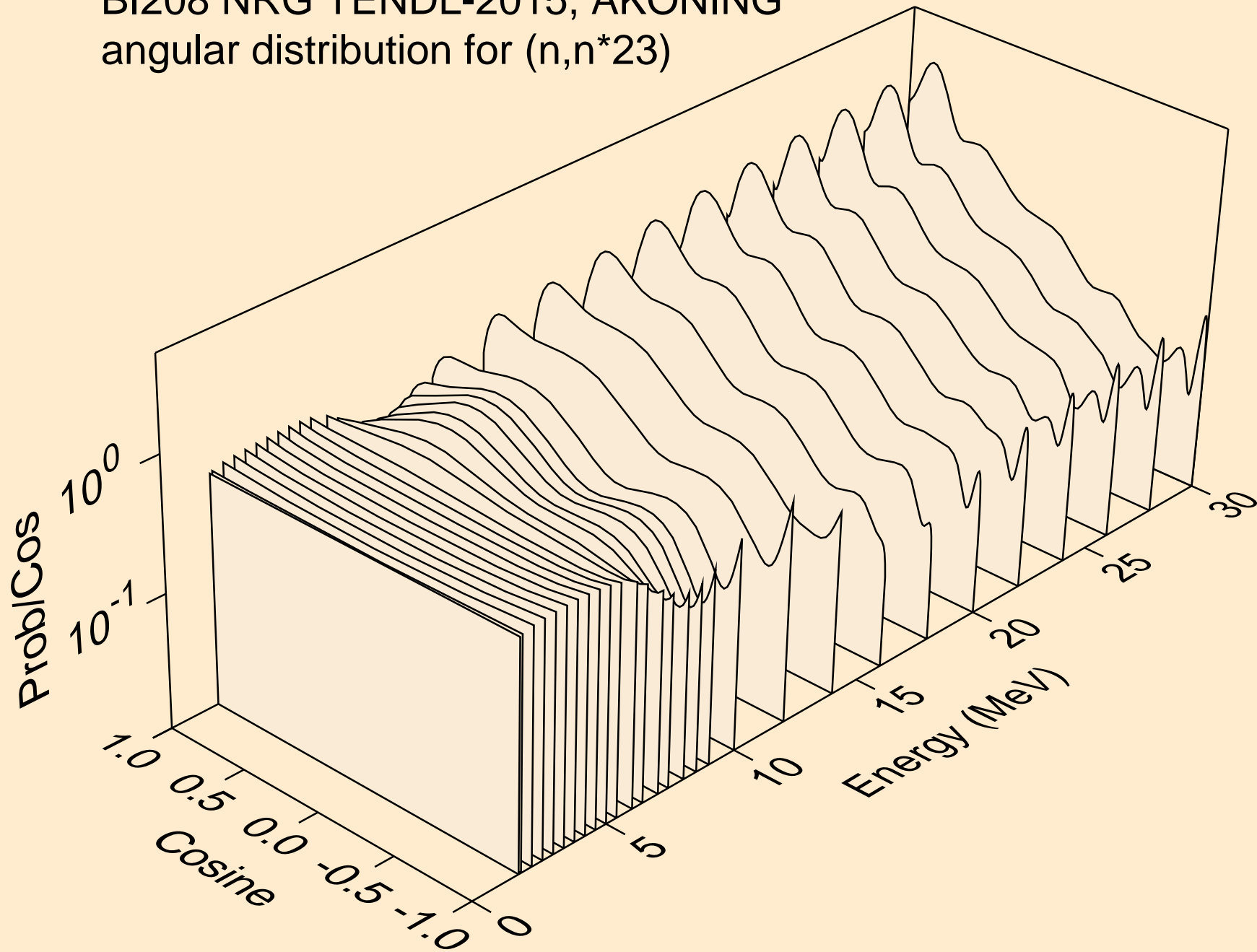
BI208 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



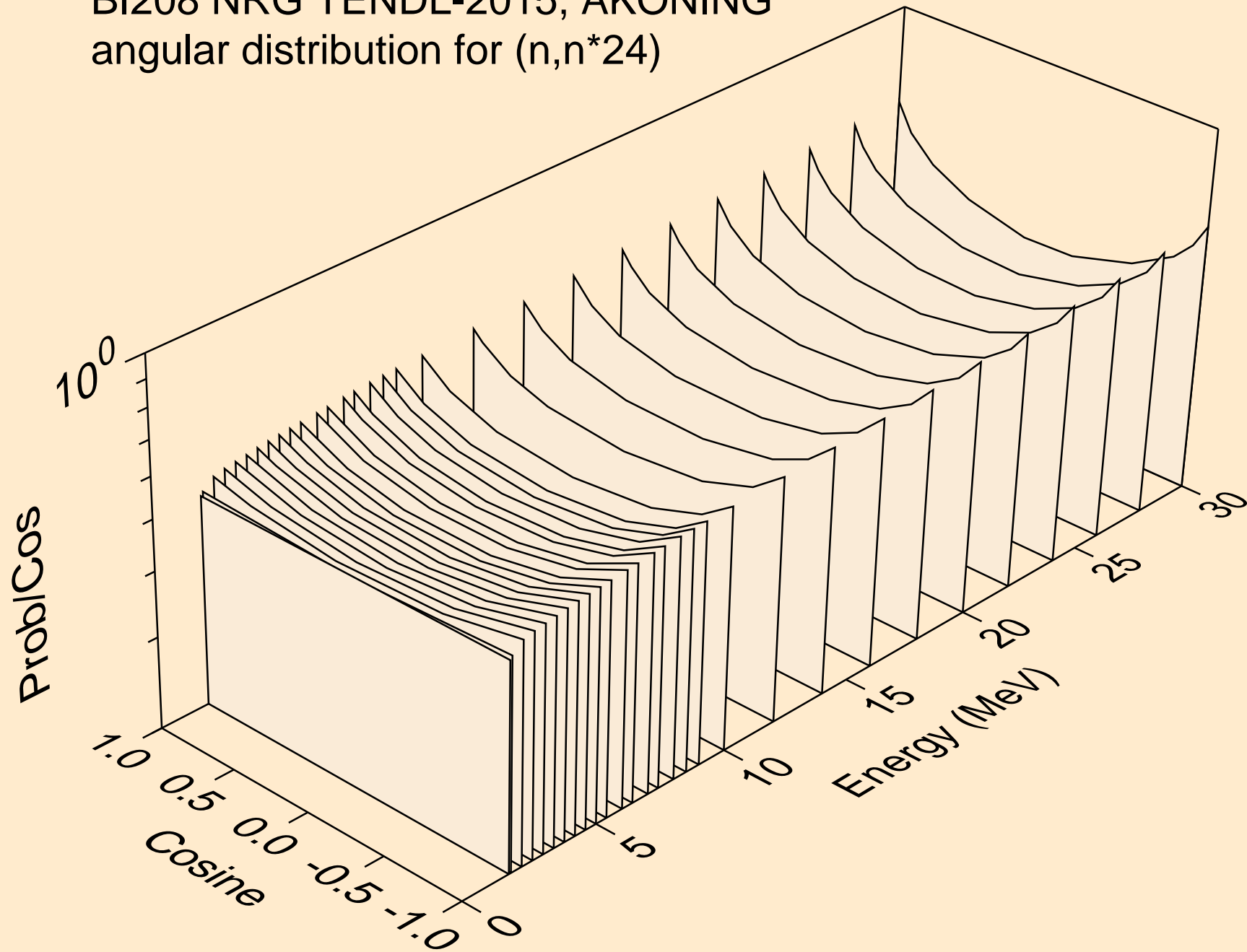
BI208 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



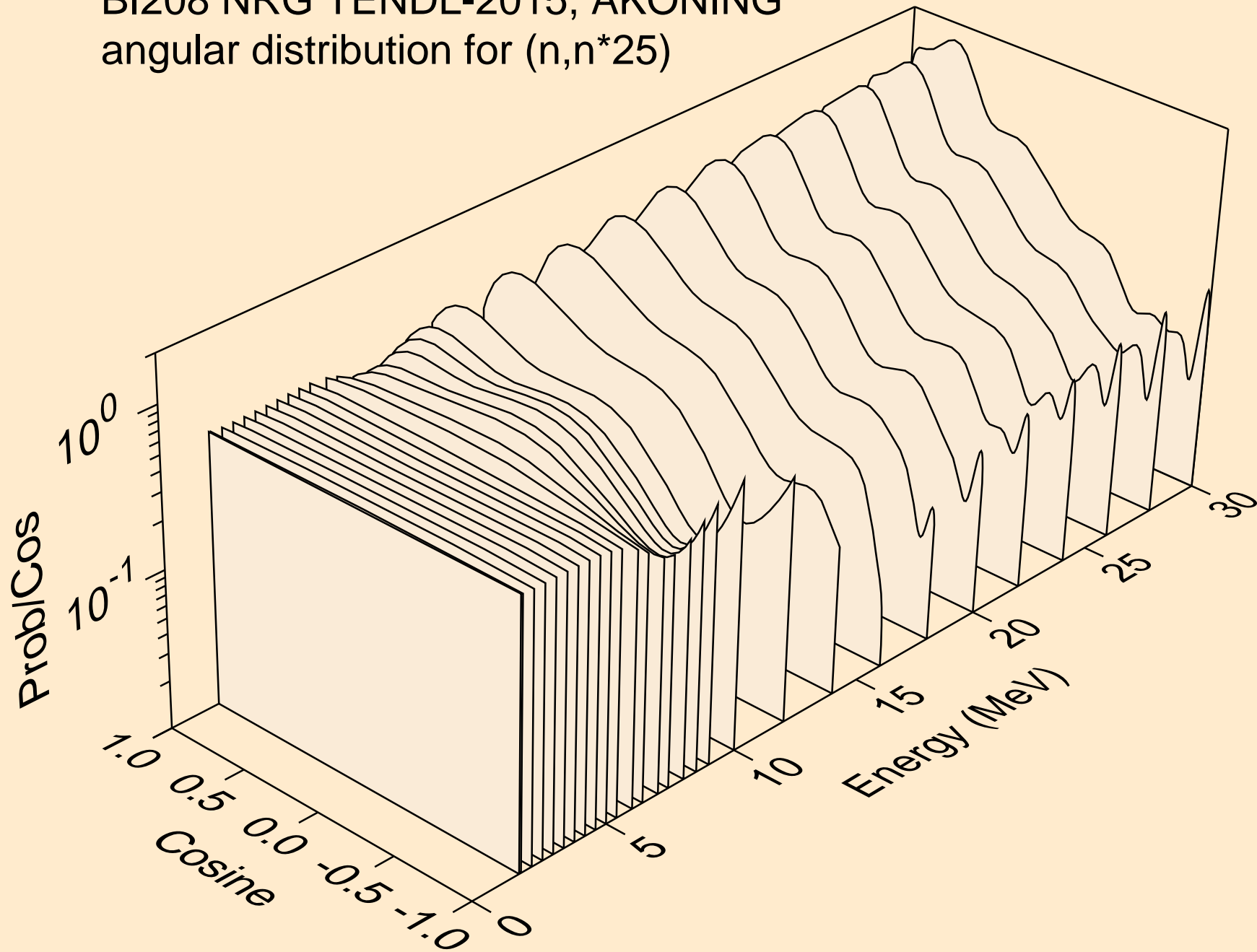
BI208 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



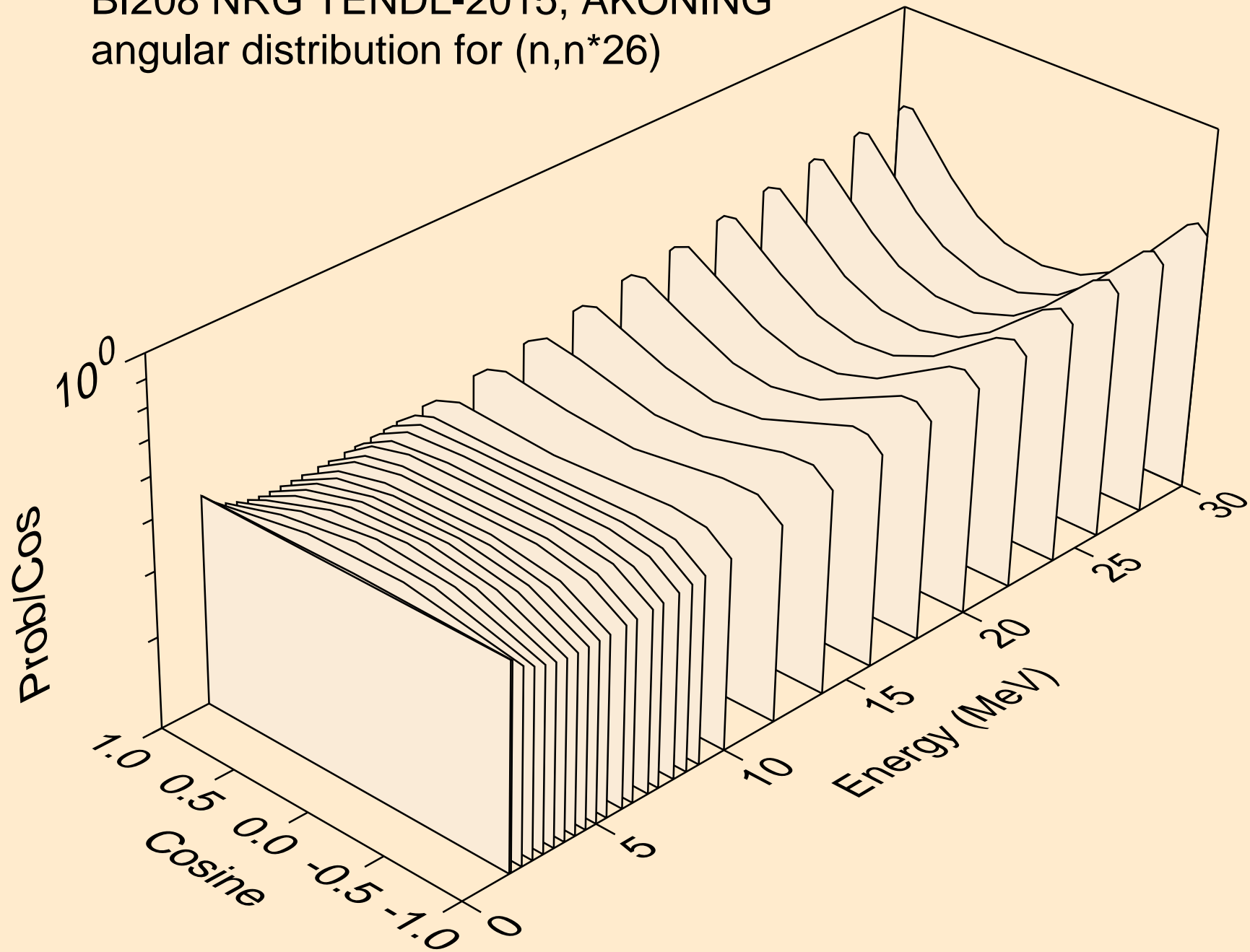
BI208 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



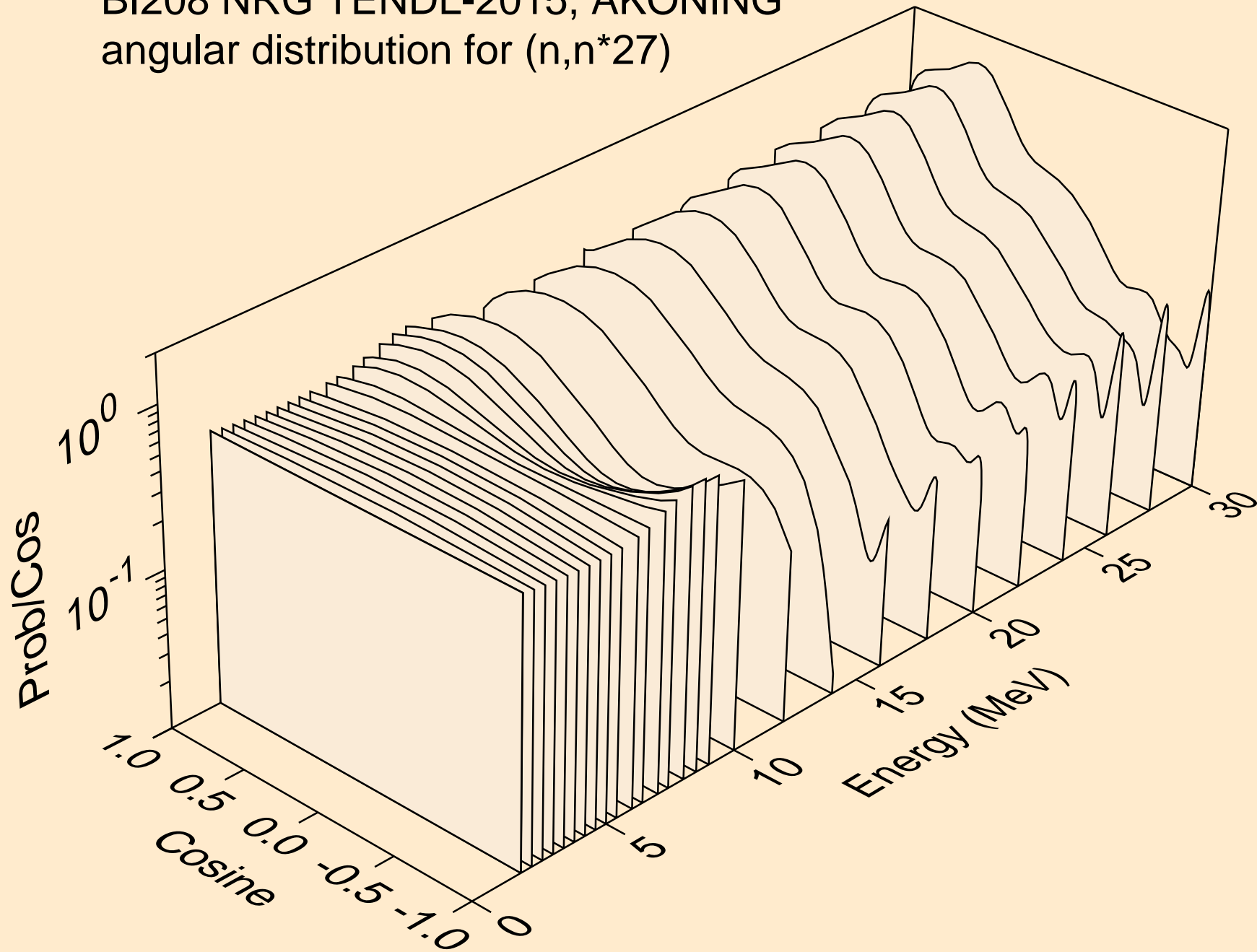
BI208 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



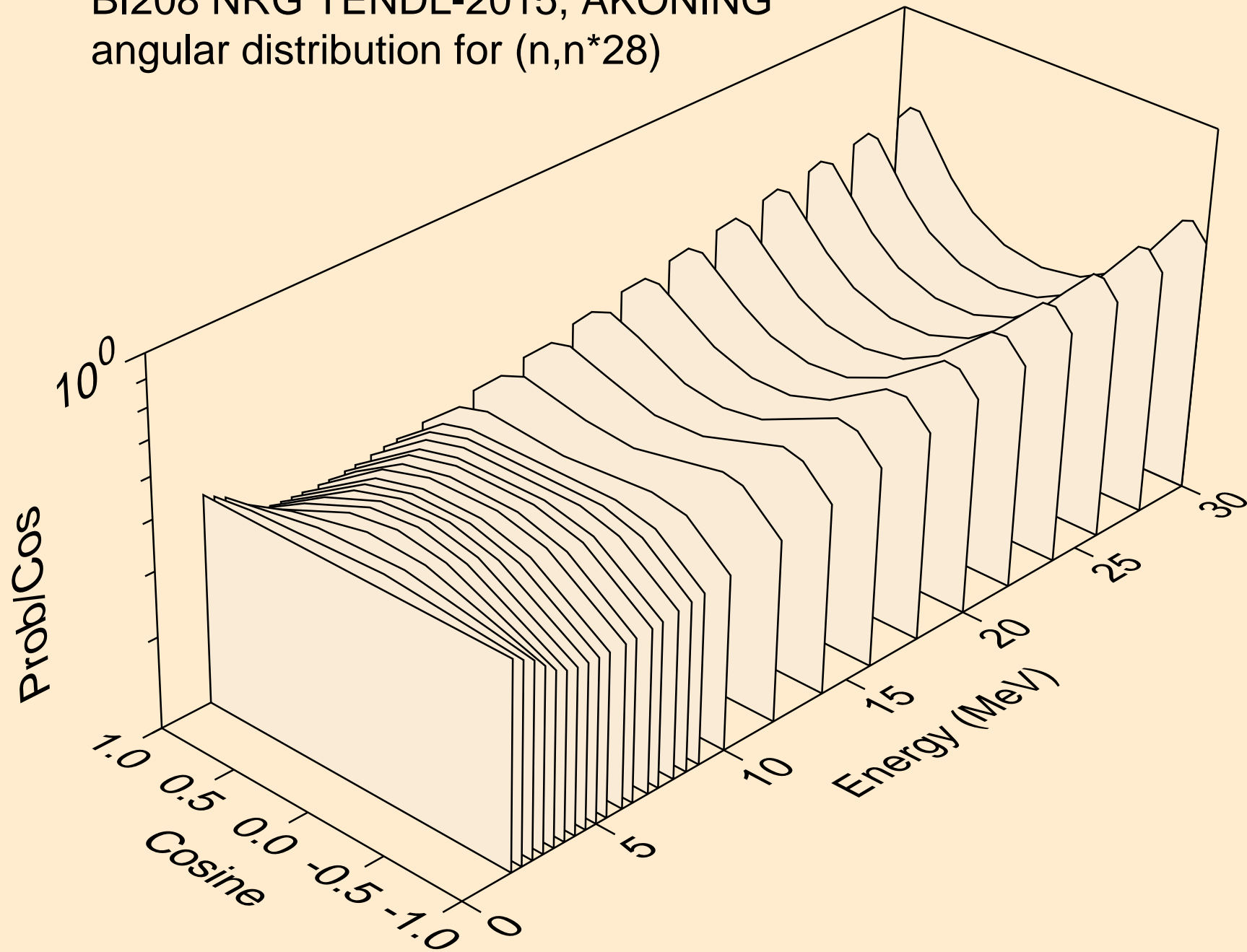
BI208 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



BI208 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)

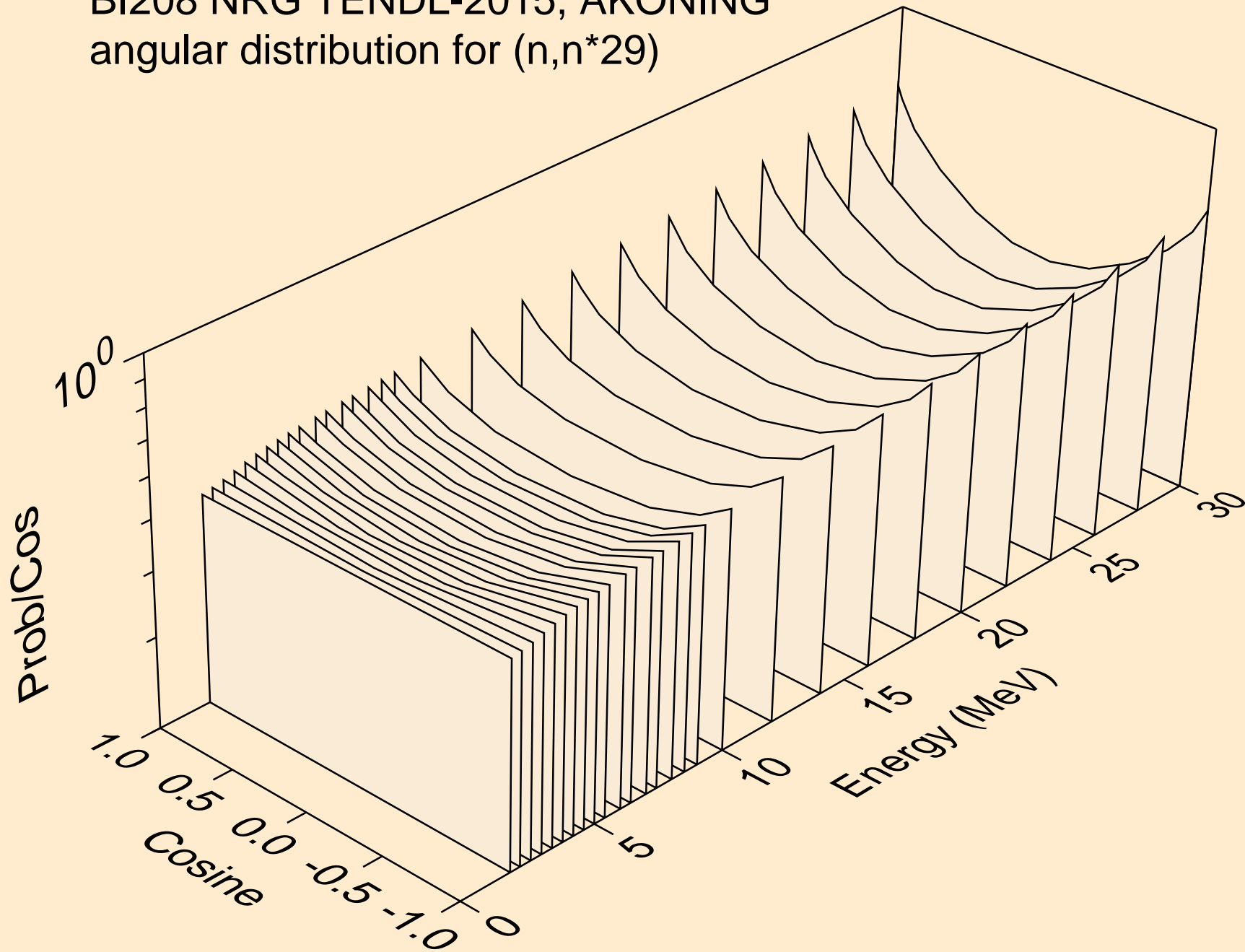


BI208 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)

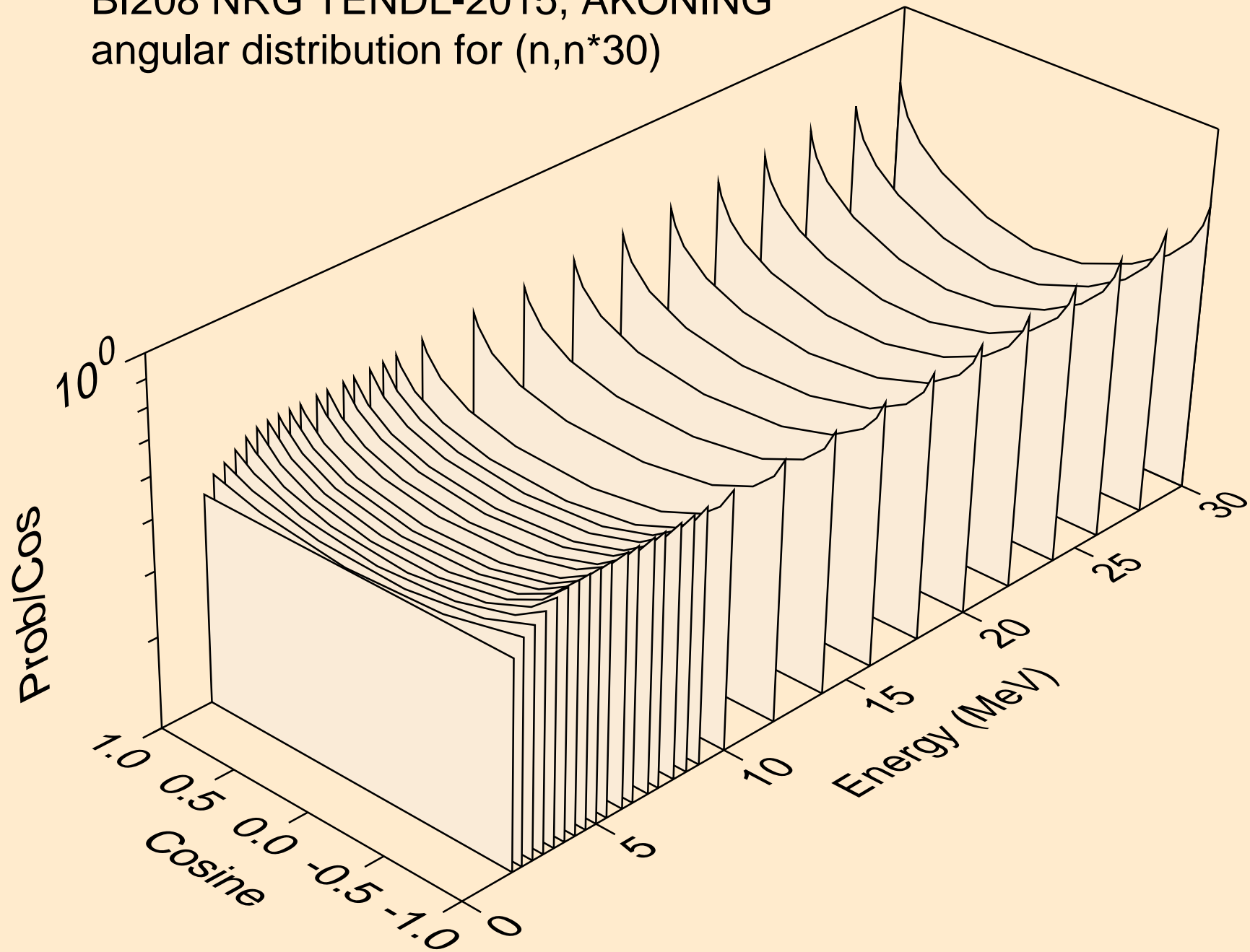




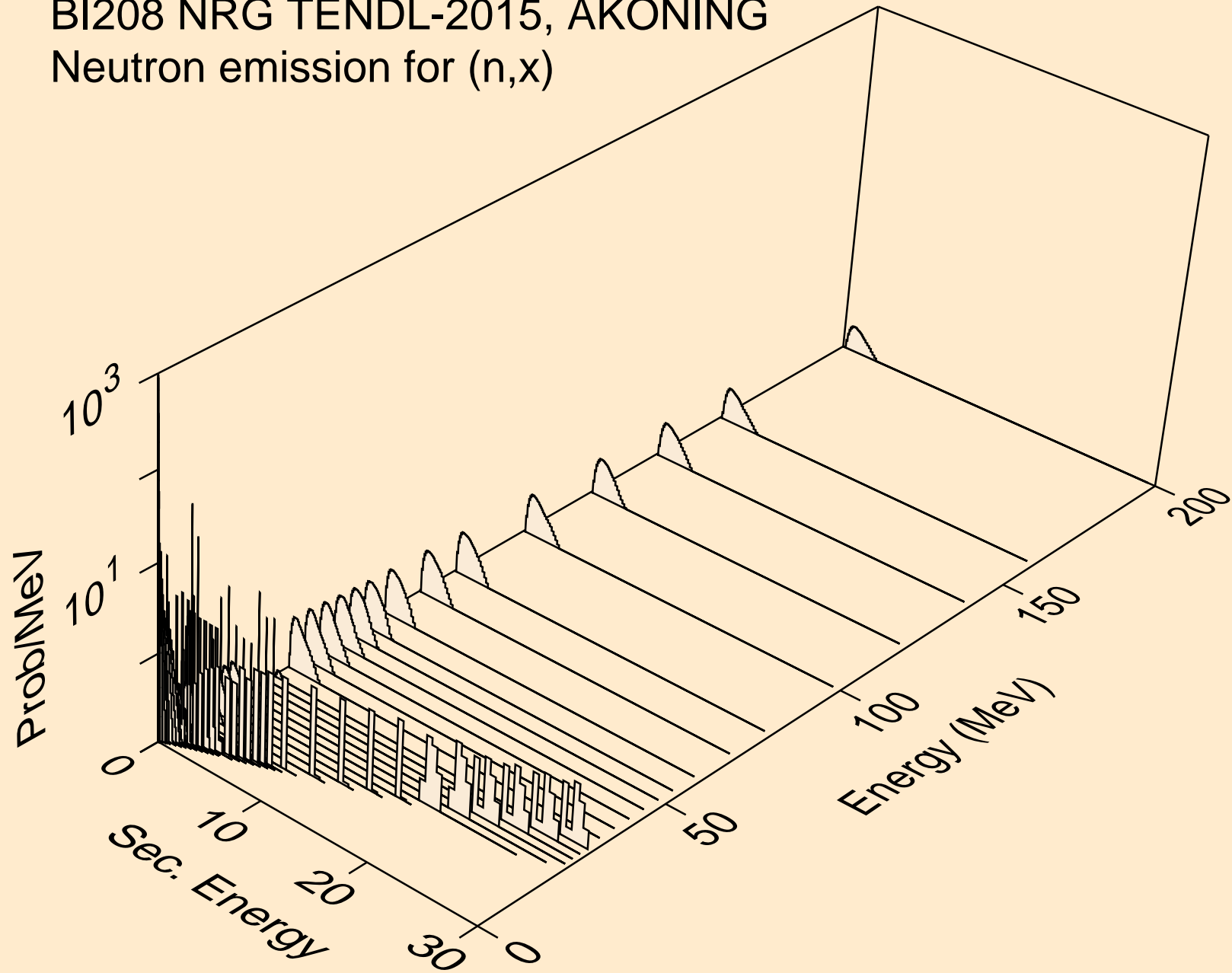
BI208 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)



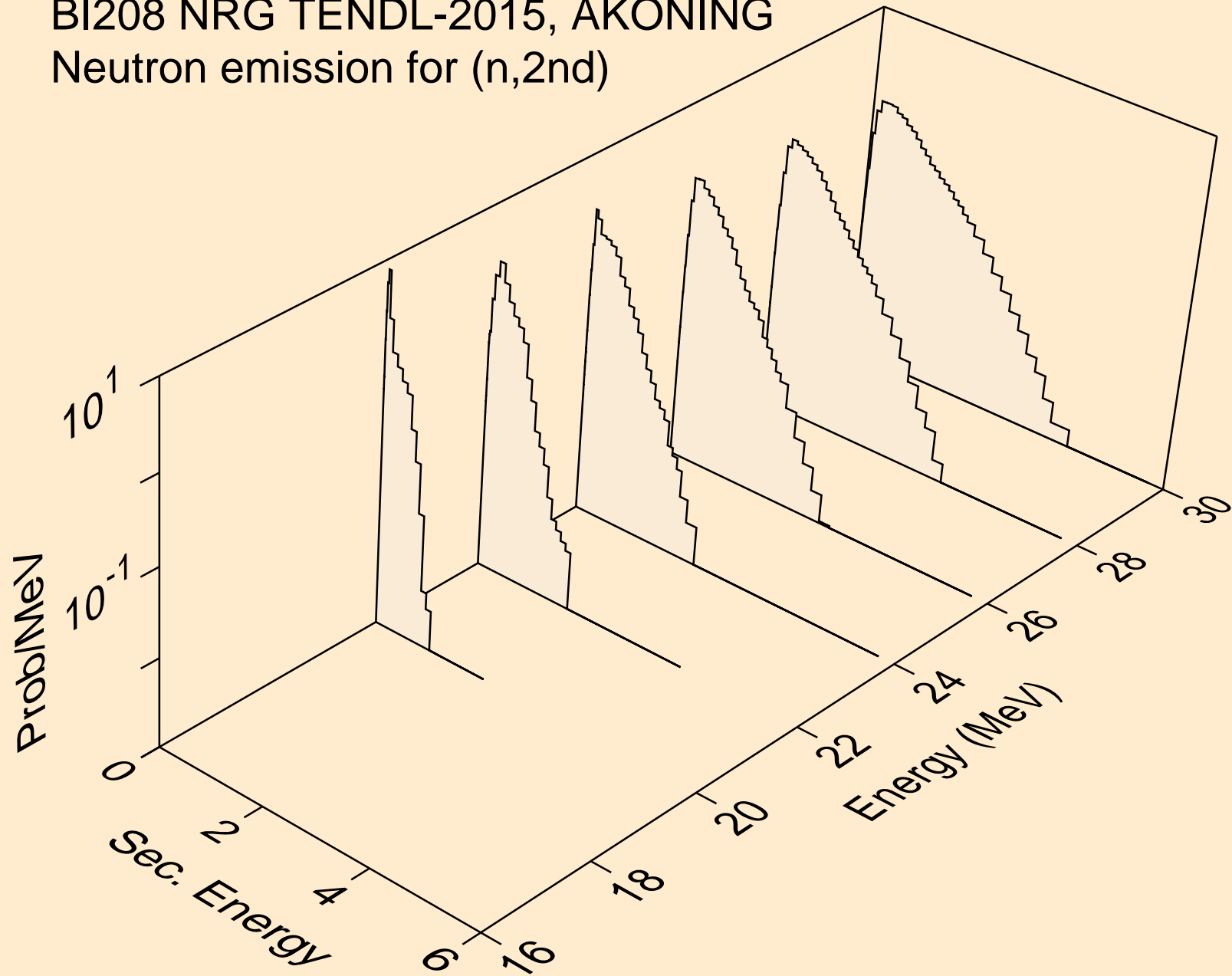
BI208 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)



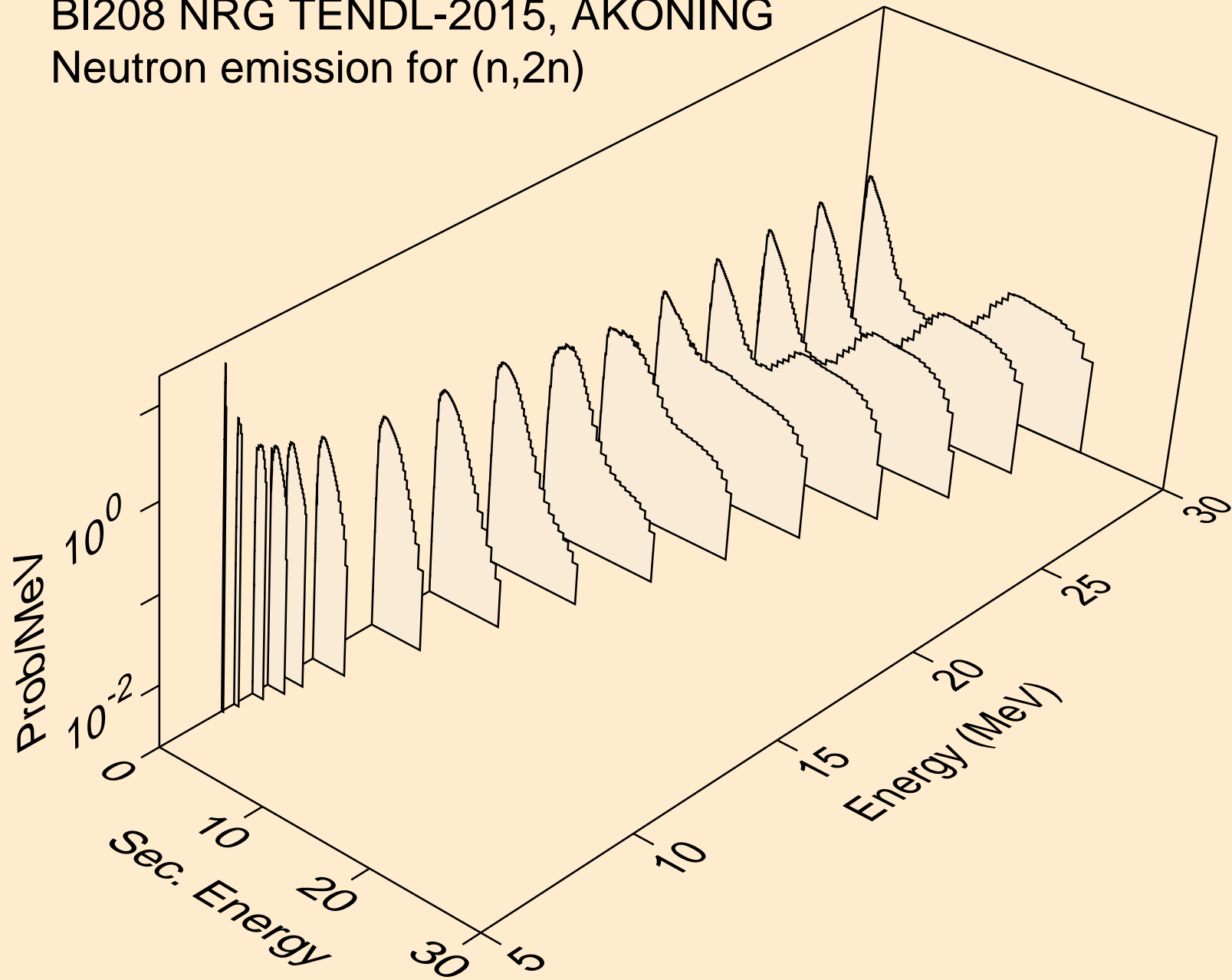
BI208 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



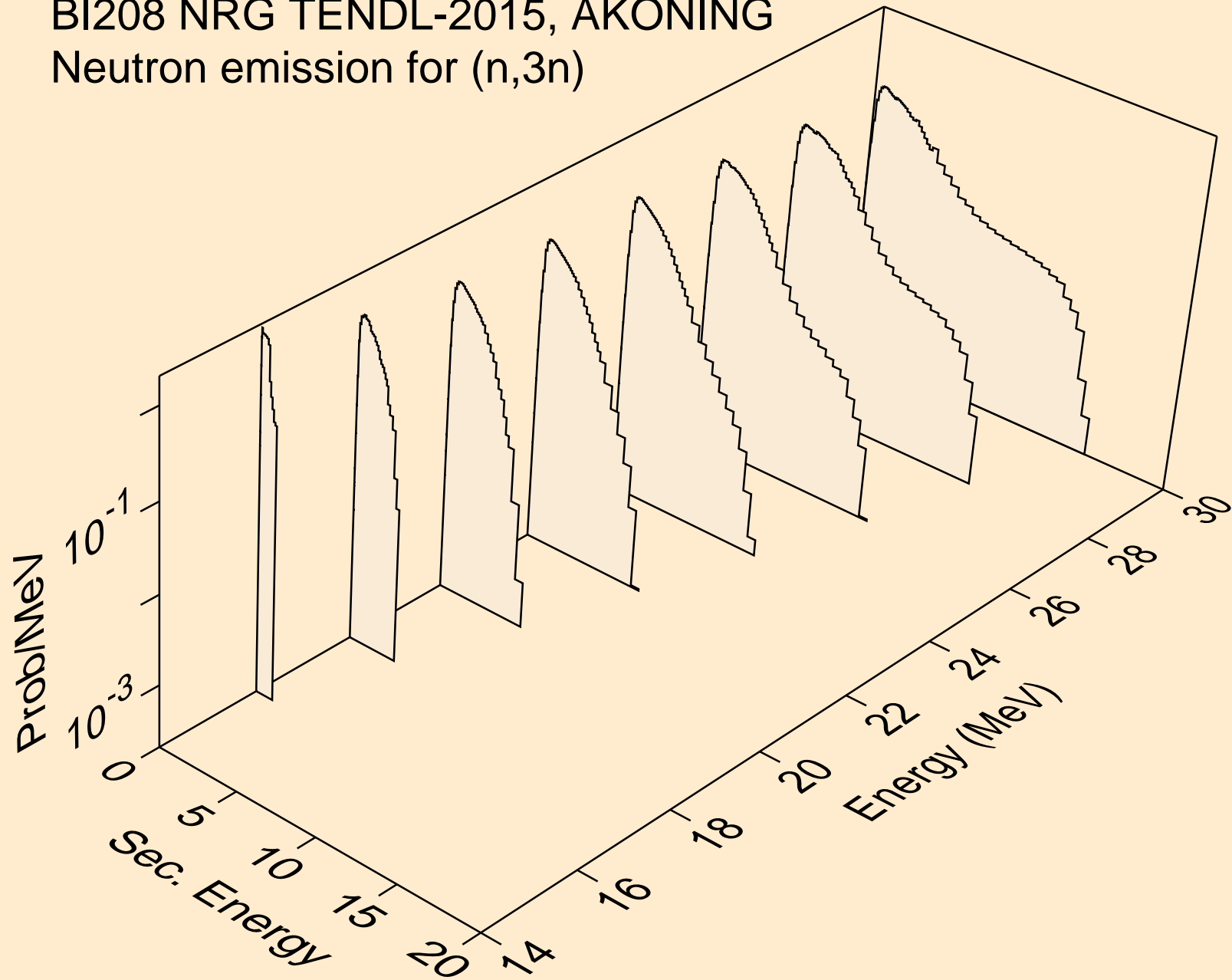
BI208 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



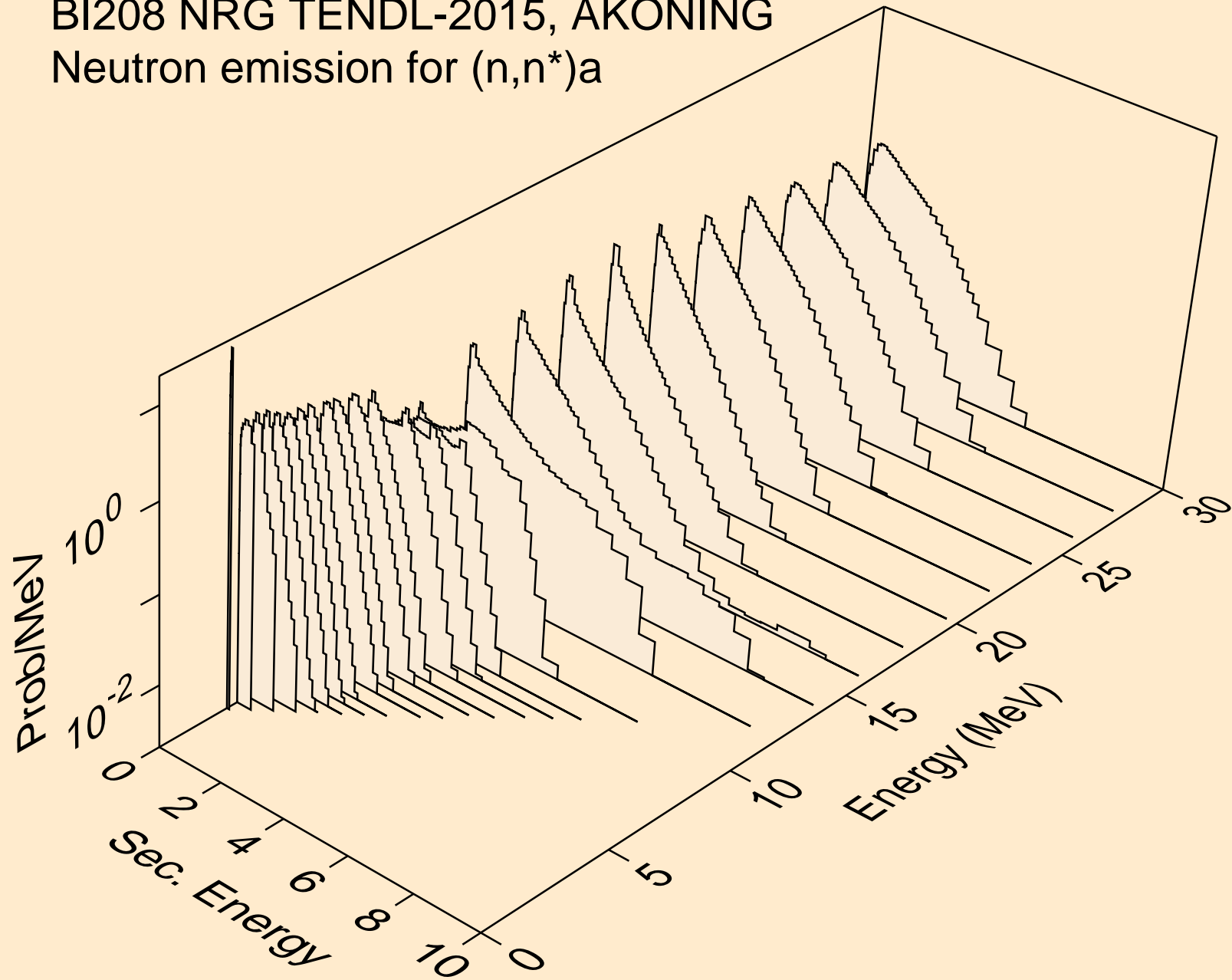
BI208 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



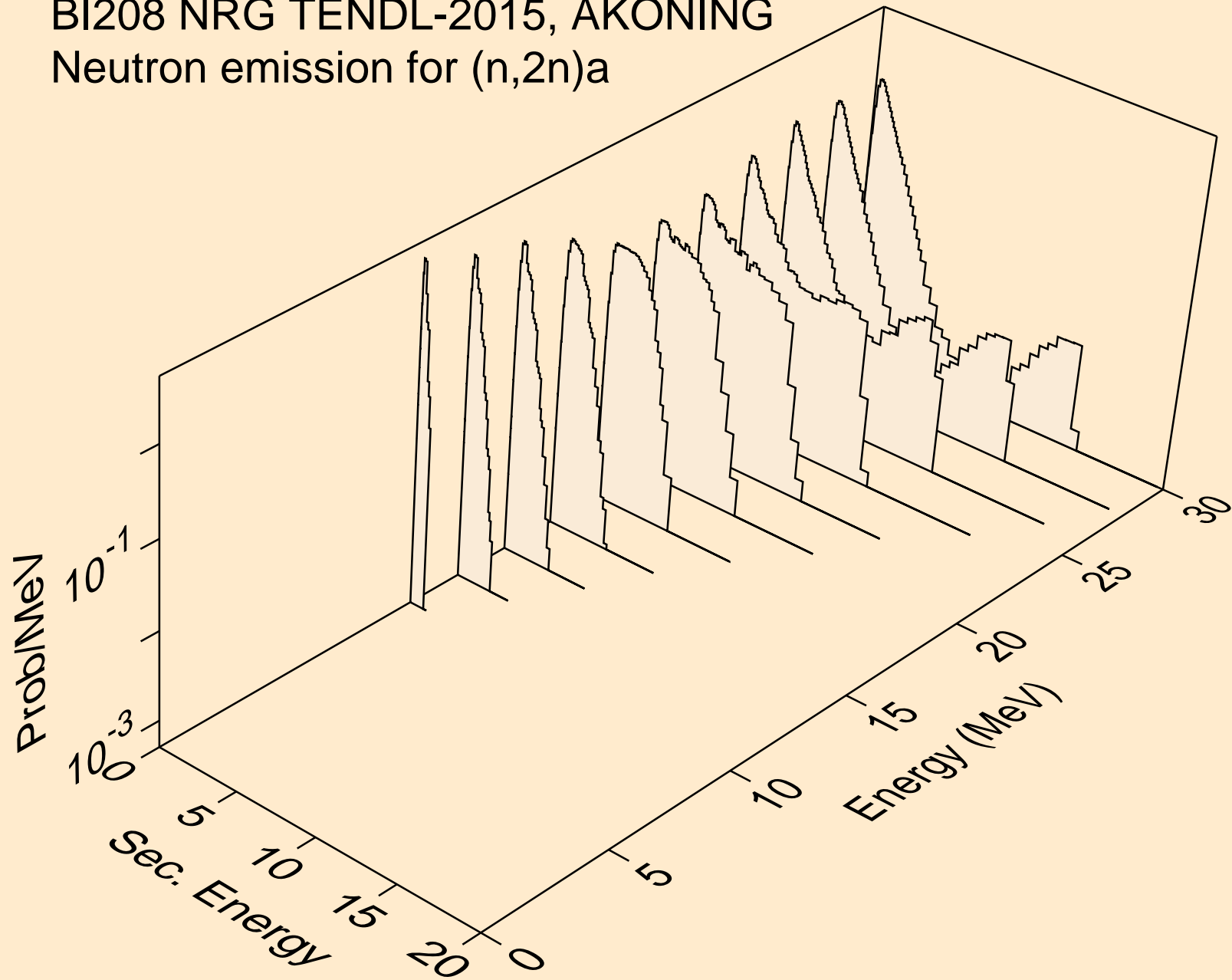
BI208 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



BI208 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a

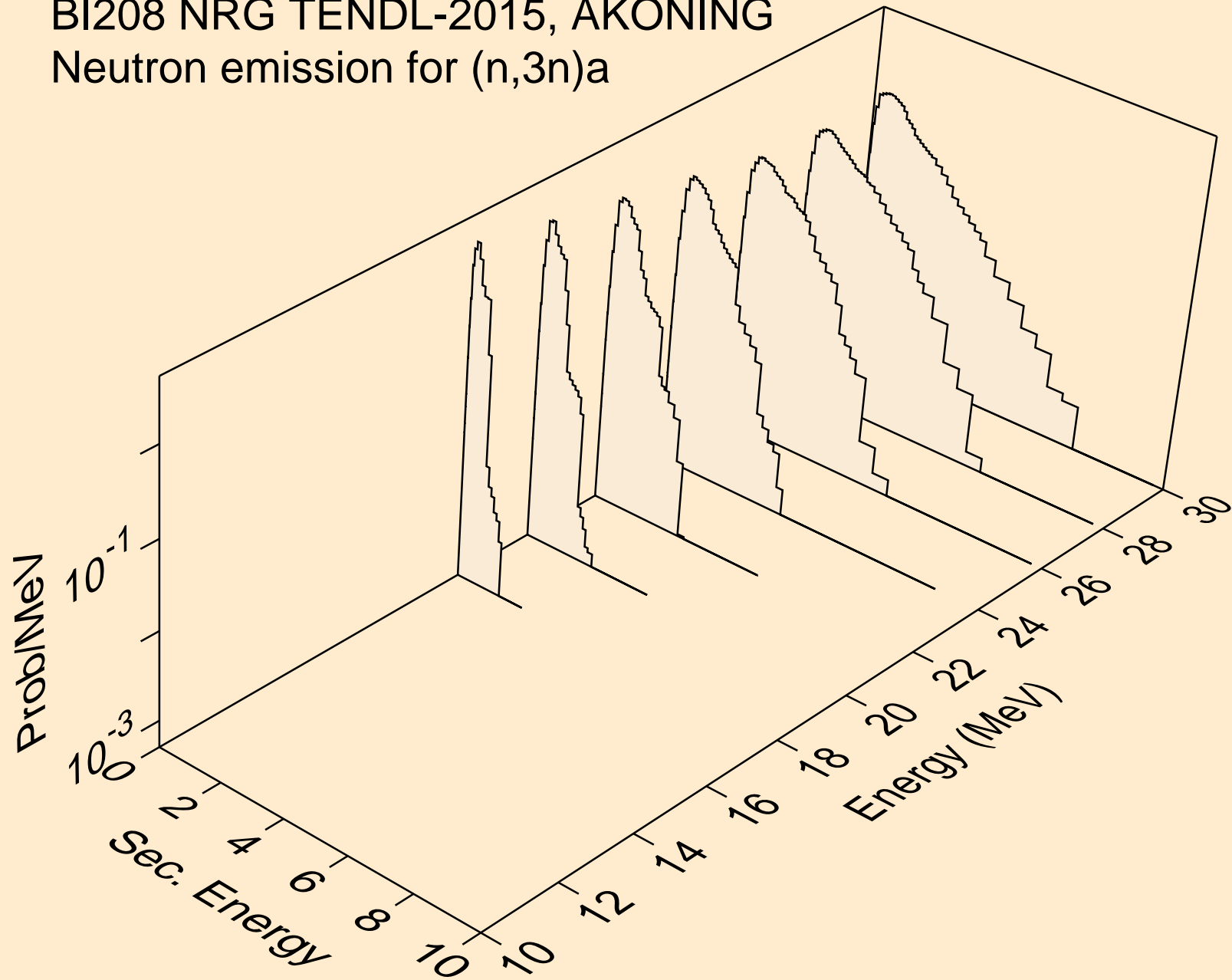


BI208 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a

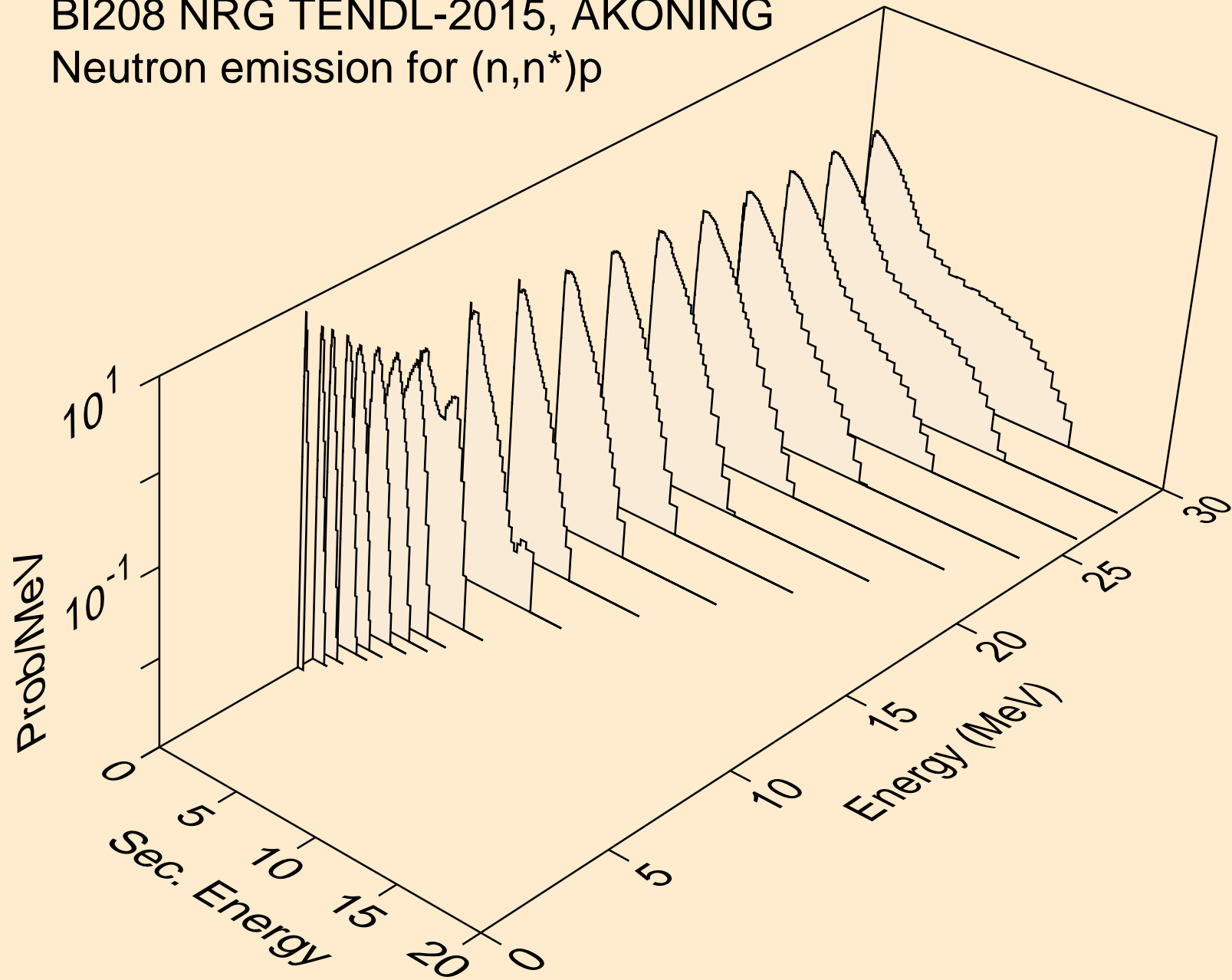




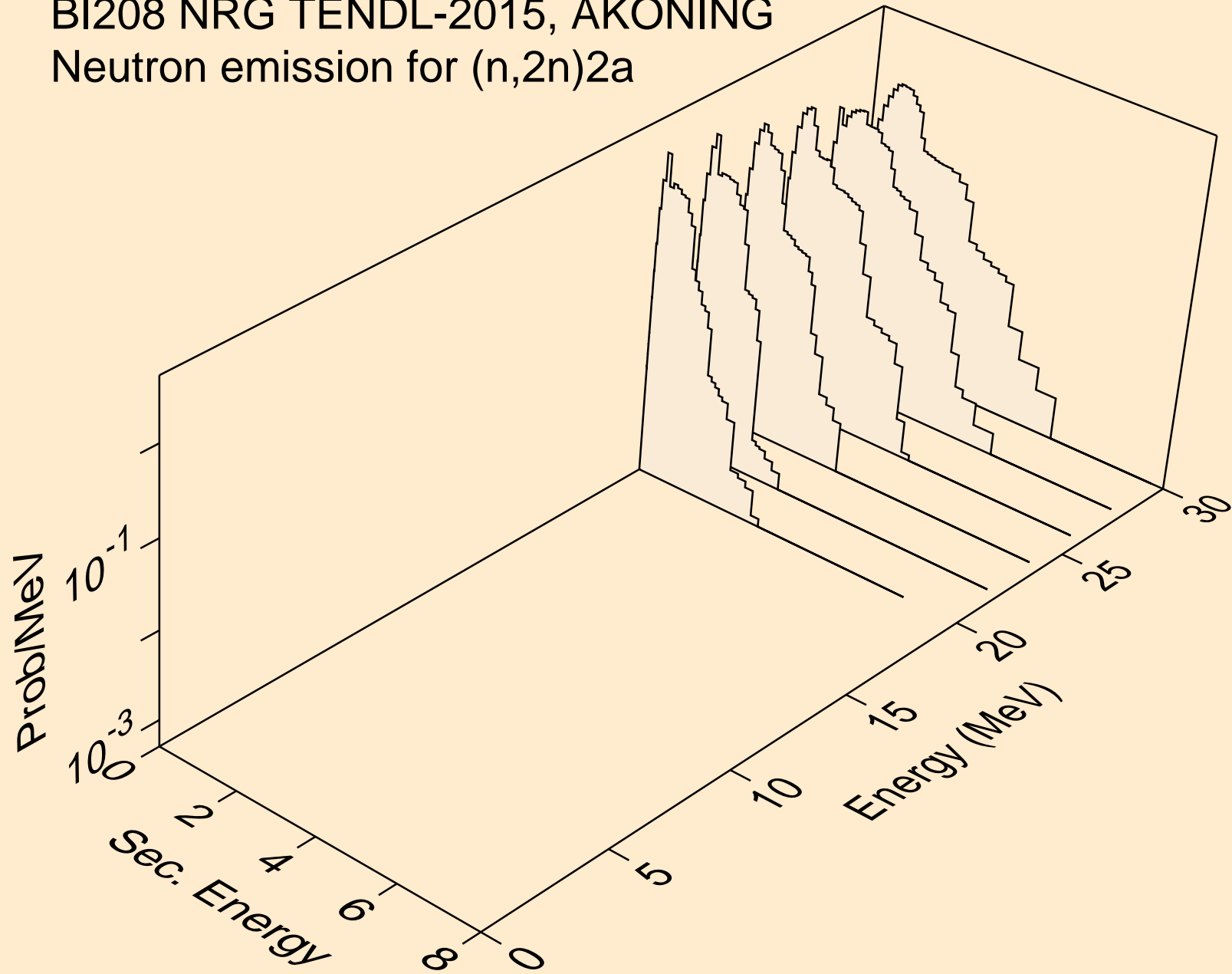
BI208 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



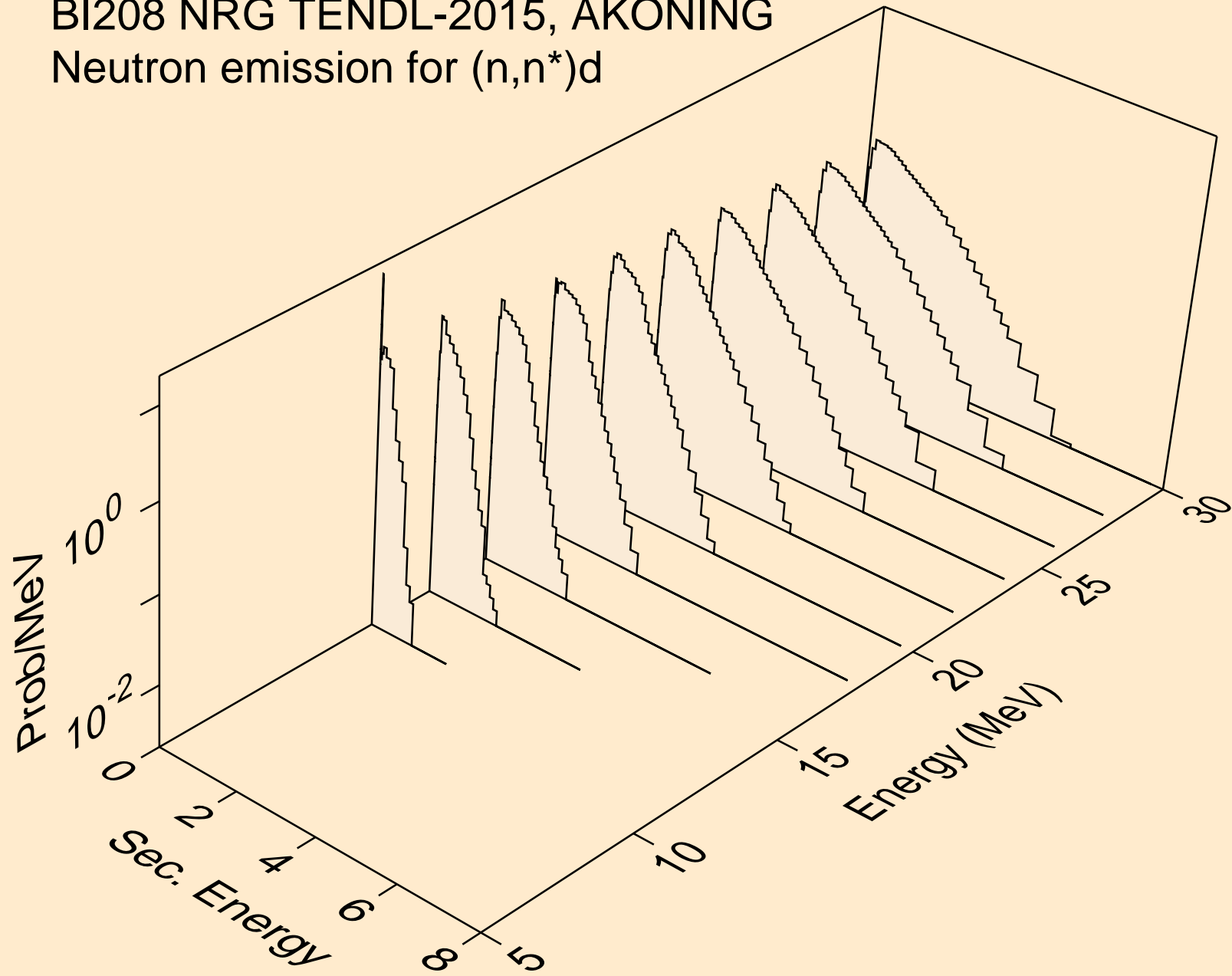
BI208 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



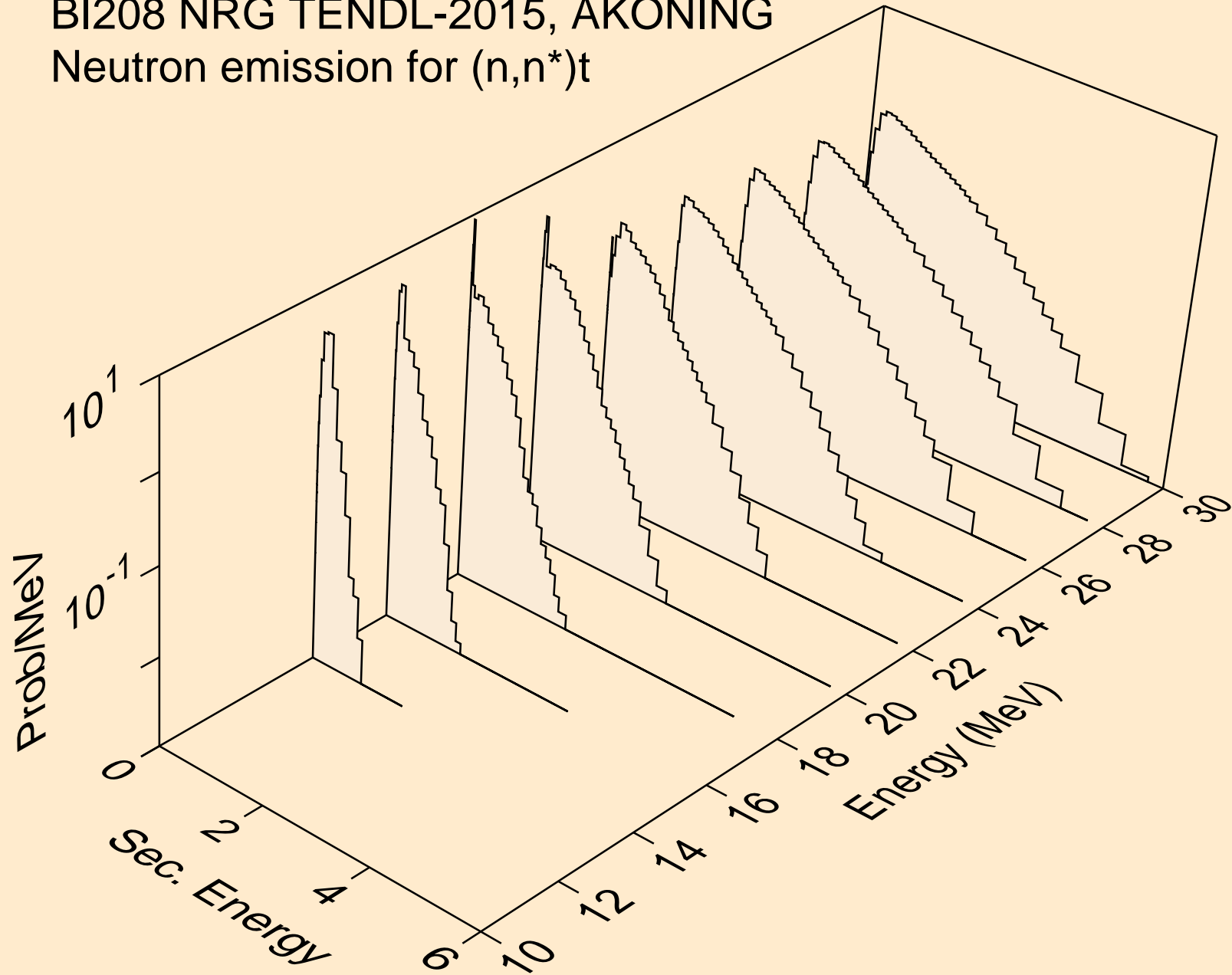
BI208 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



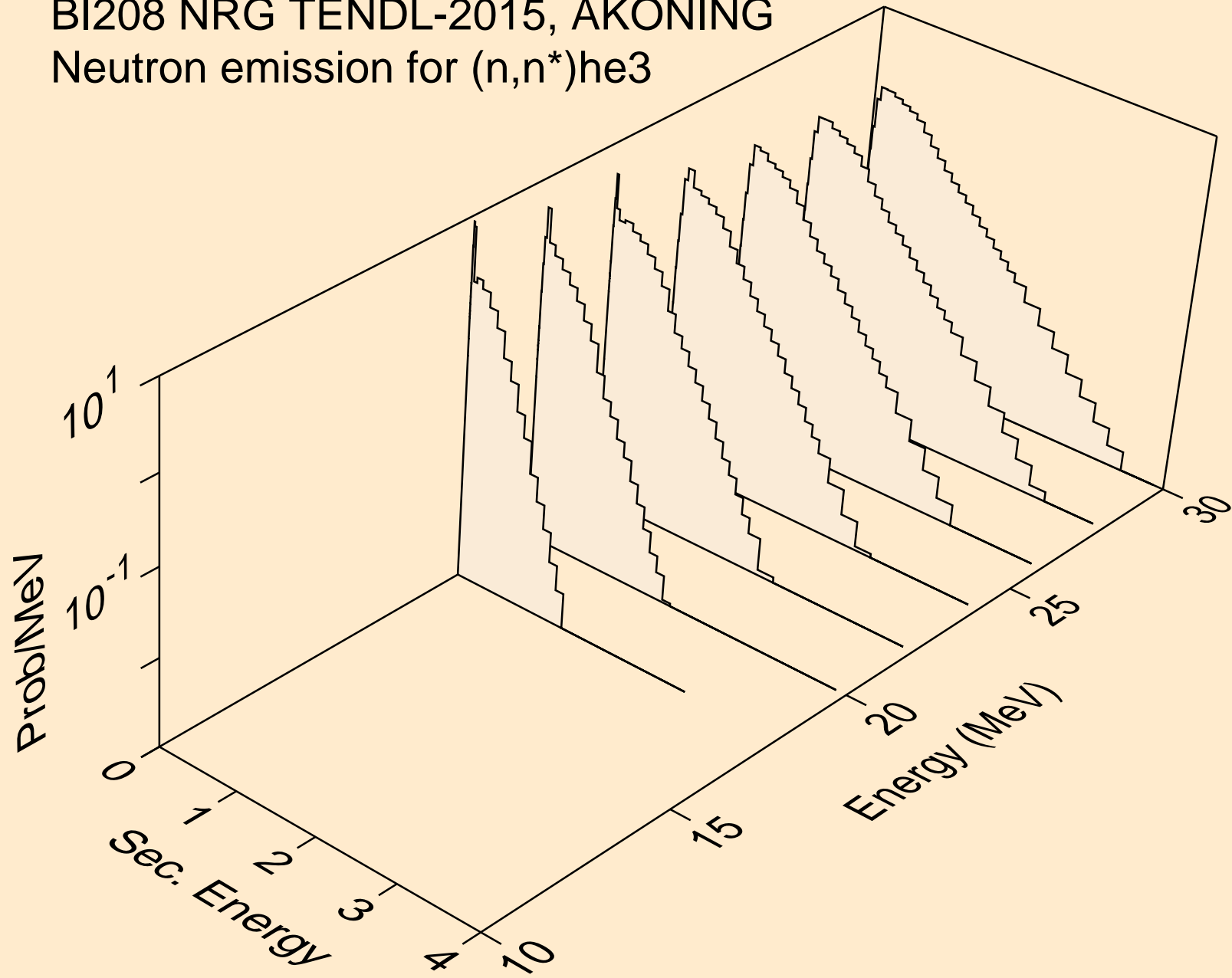
BI208 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



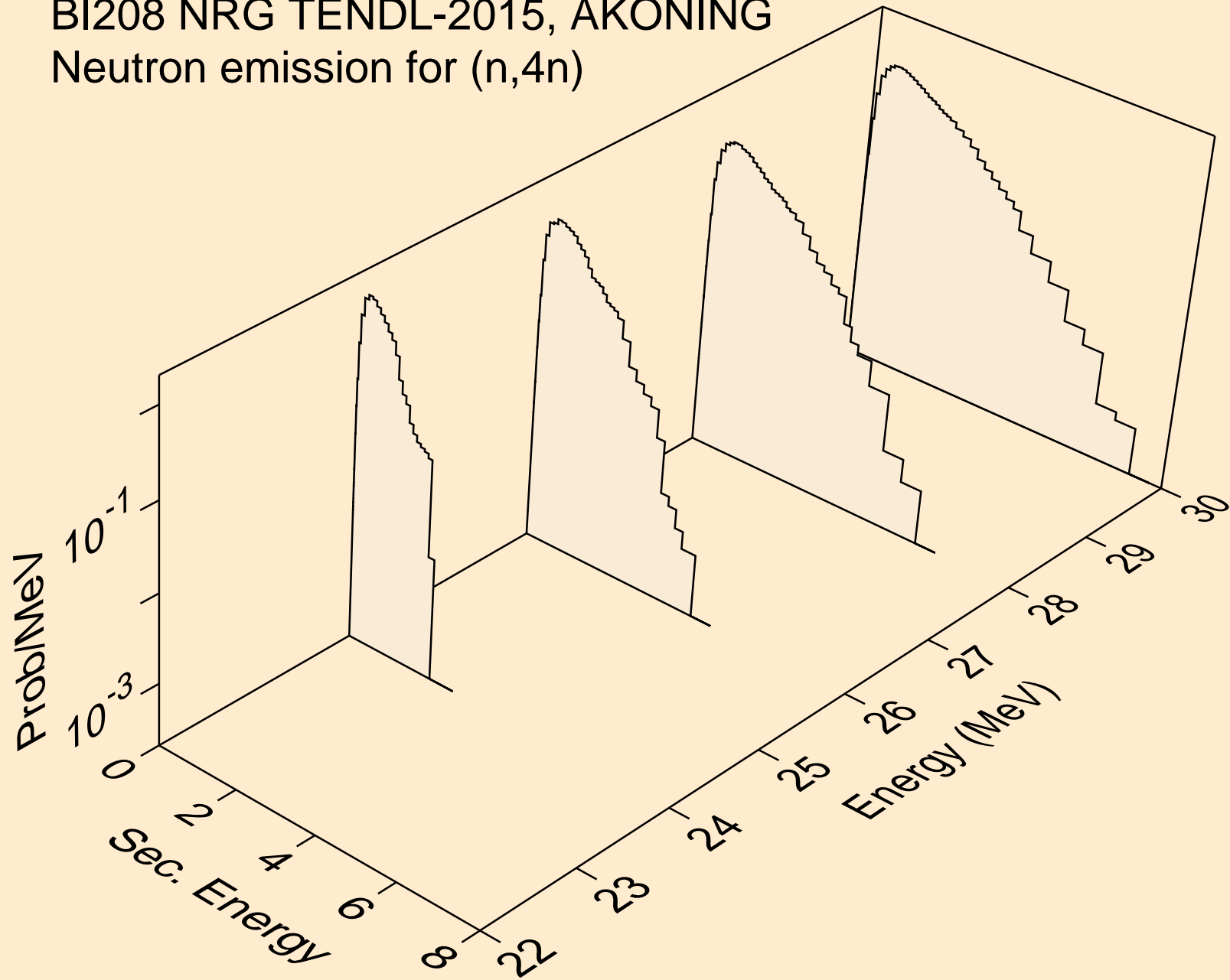
BI208 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



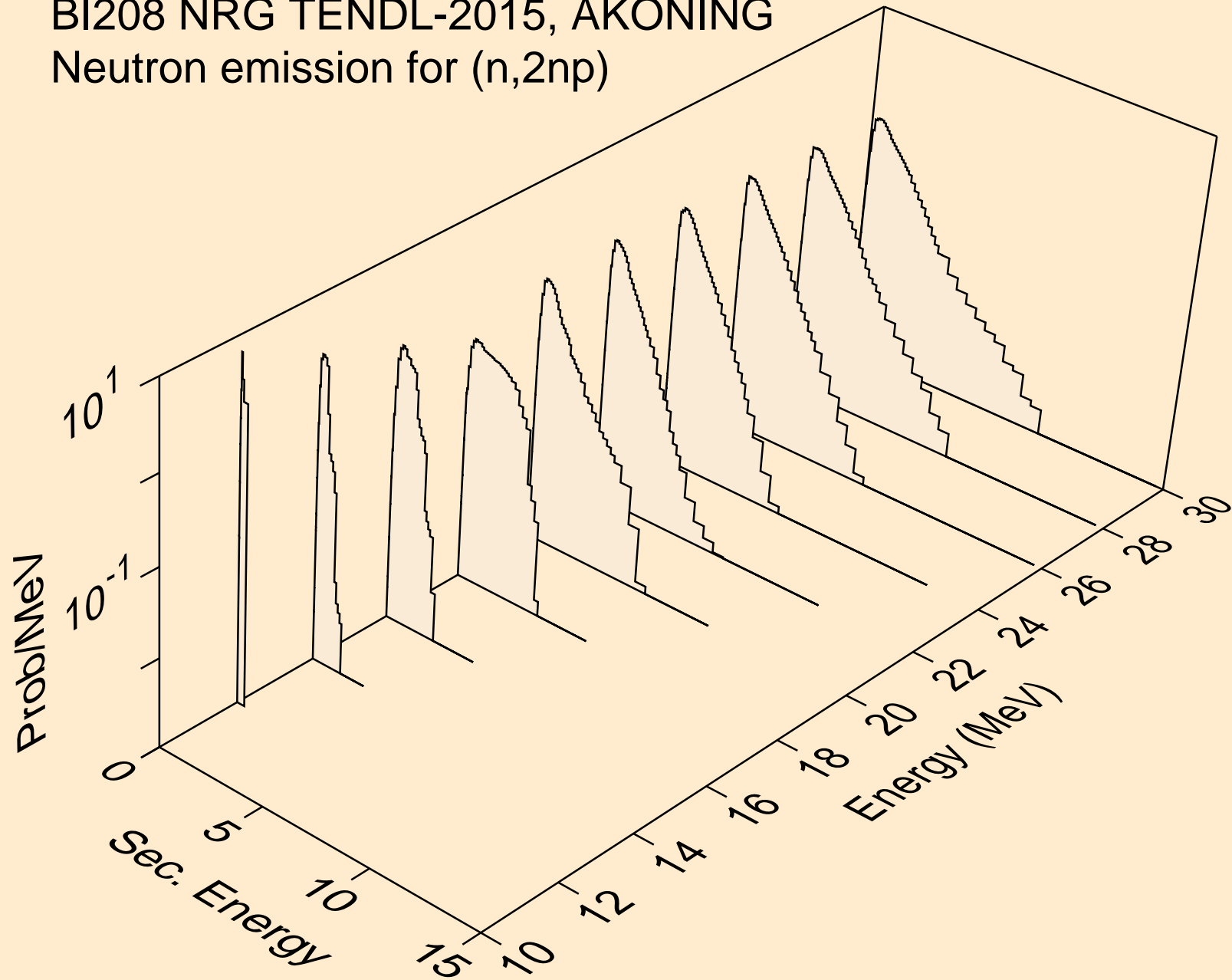
BI208 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



BI208 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)

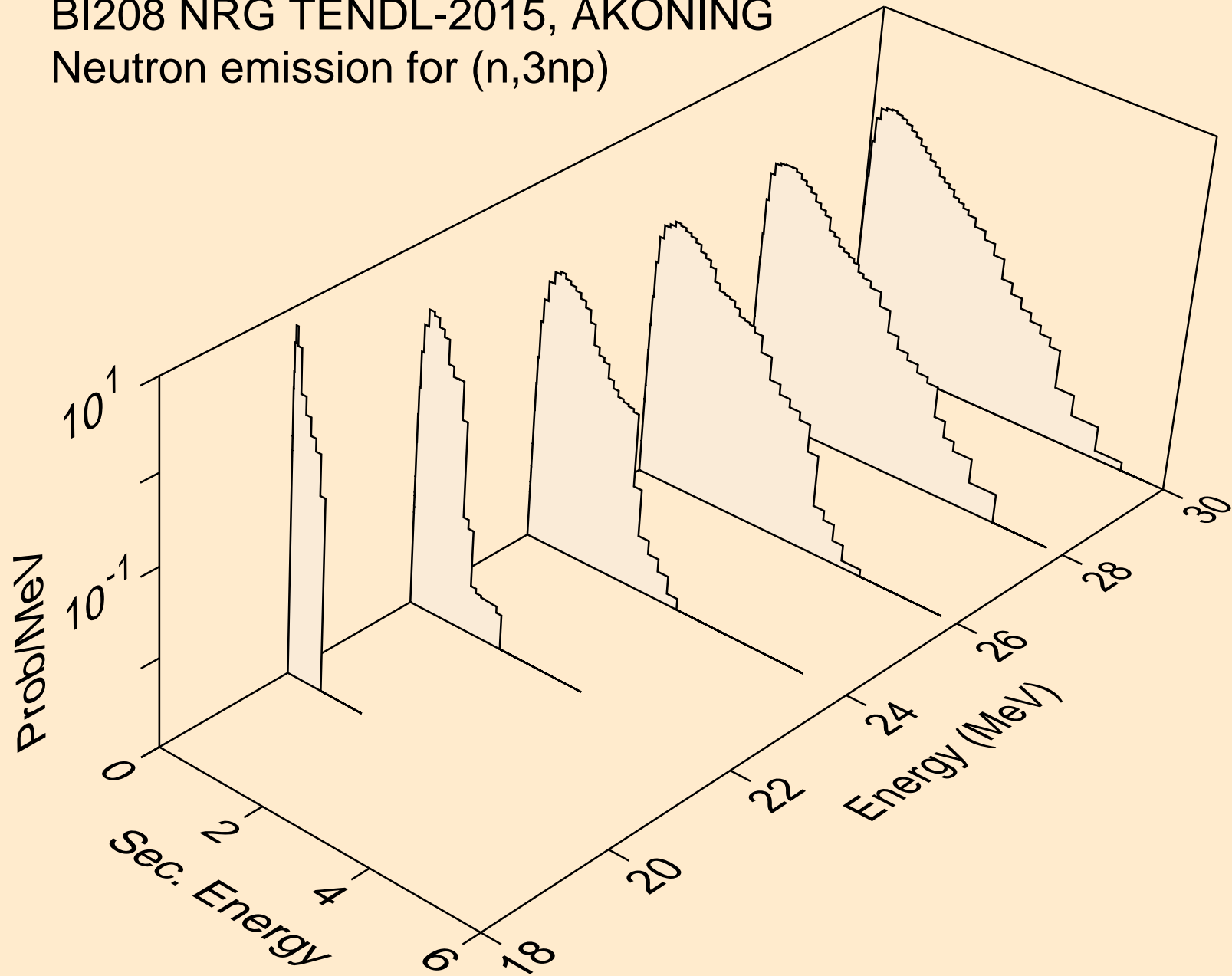


BI208 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

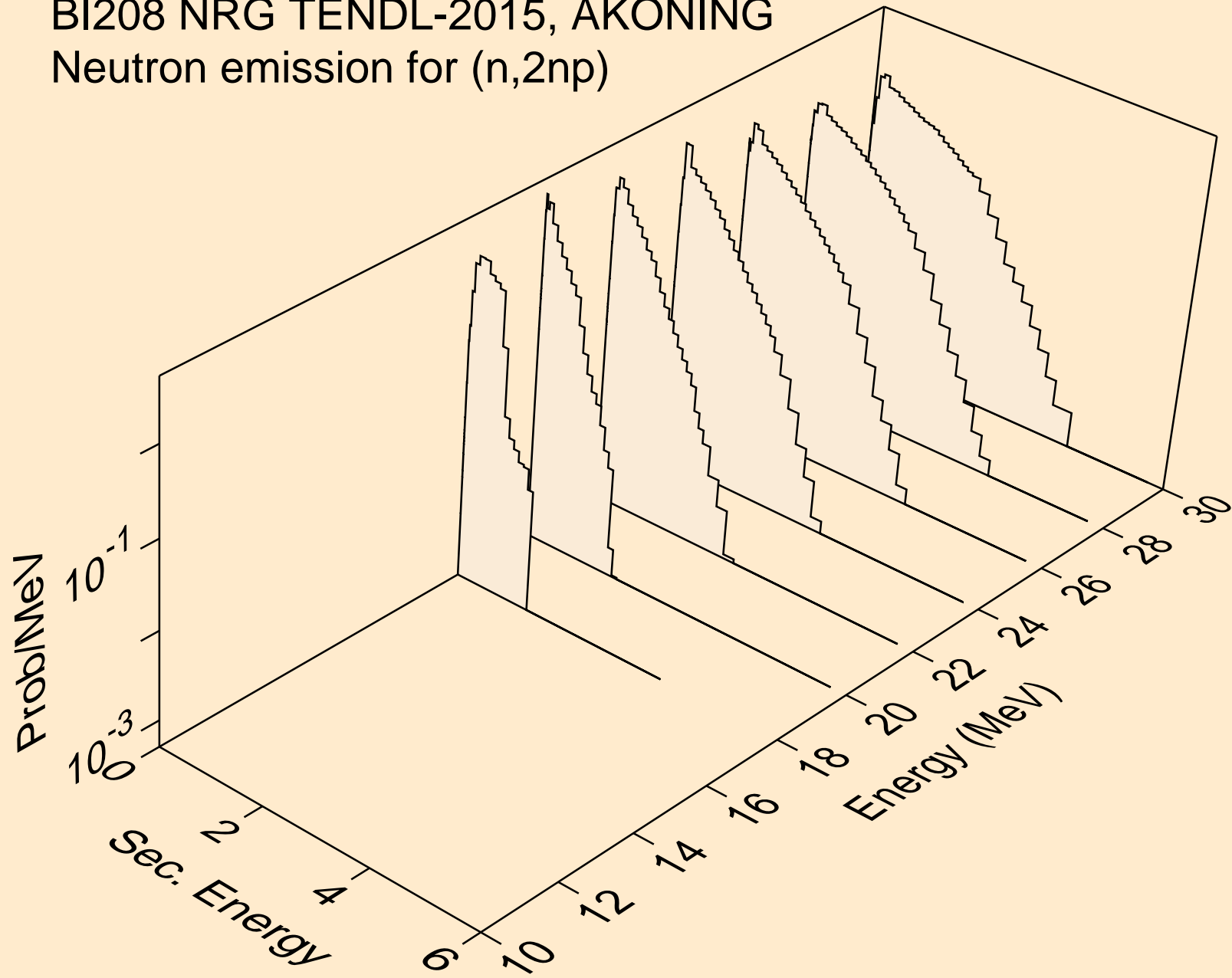




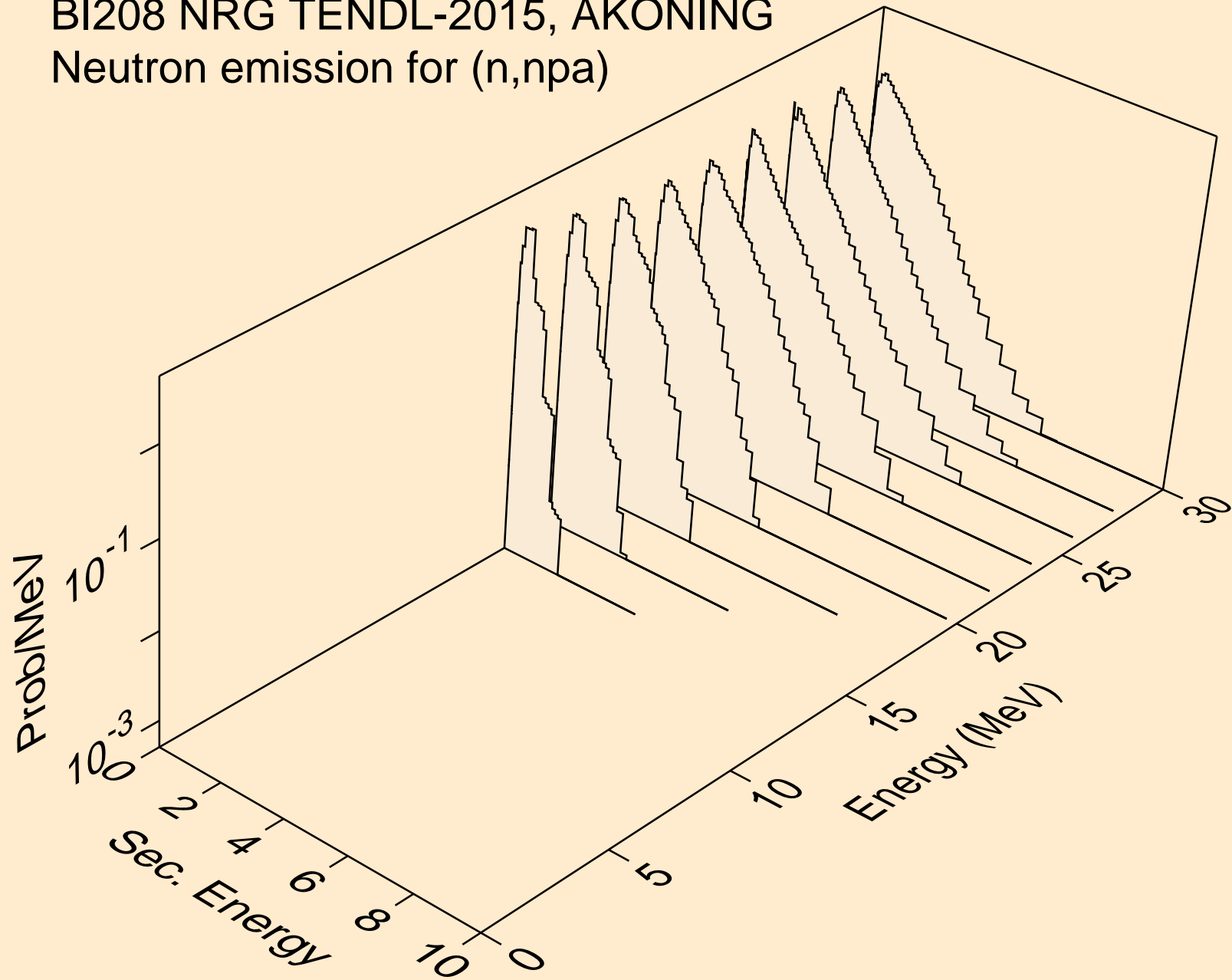
BI208 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



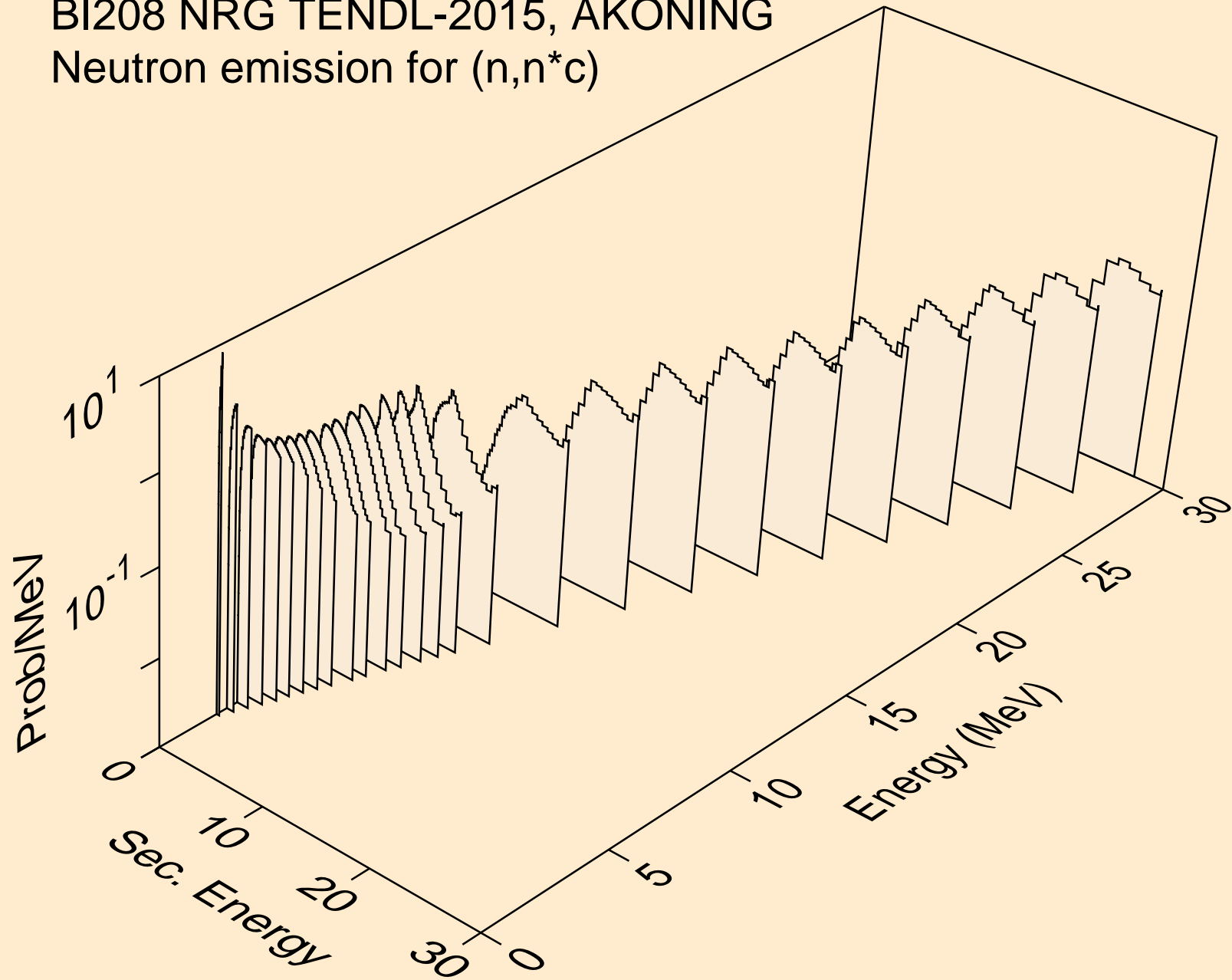
BI208 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



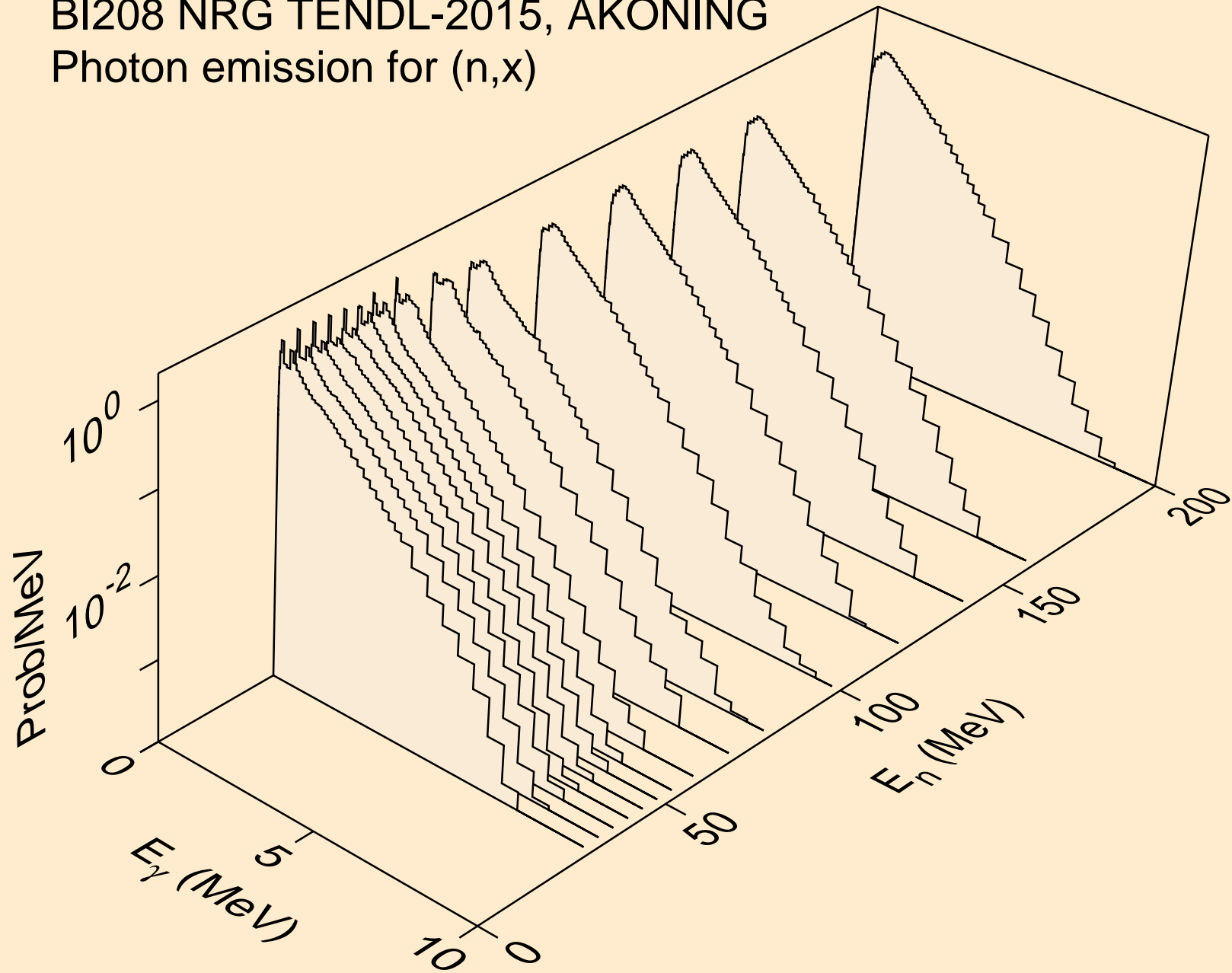
BI208 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



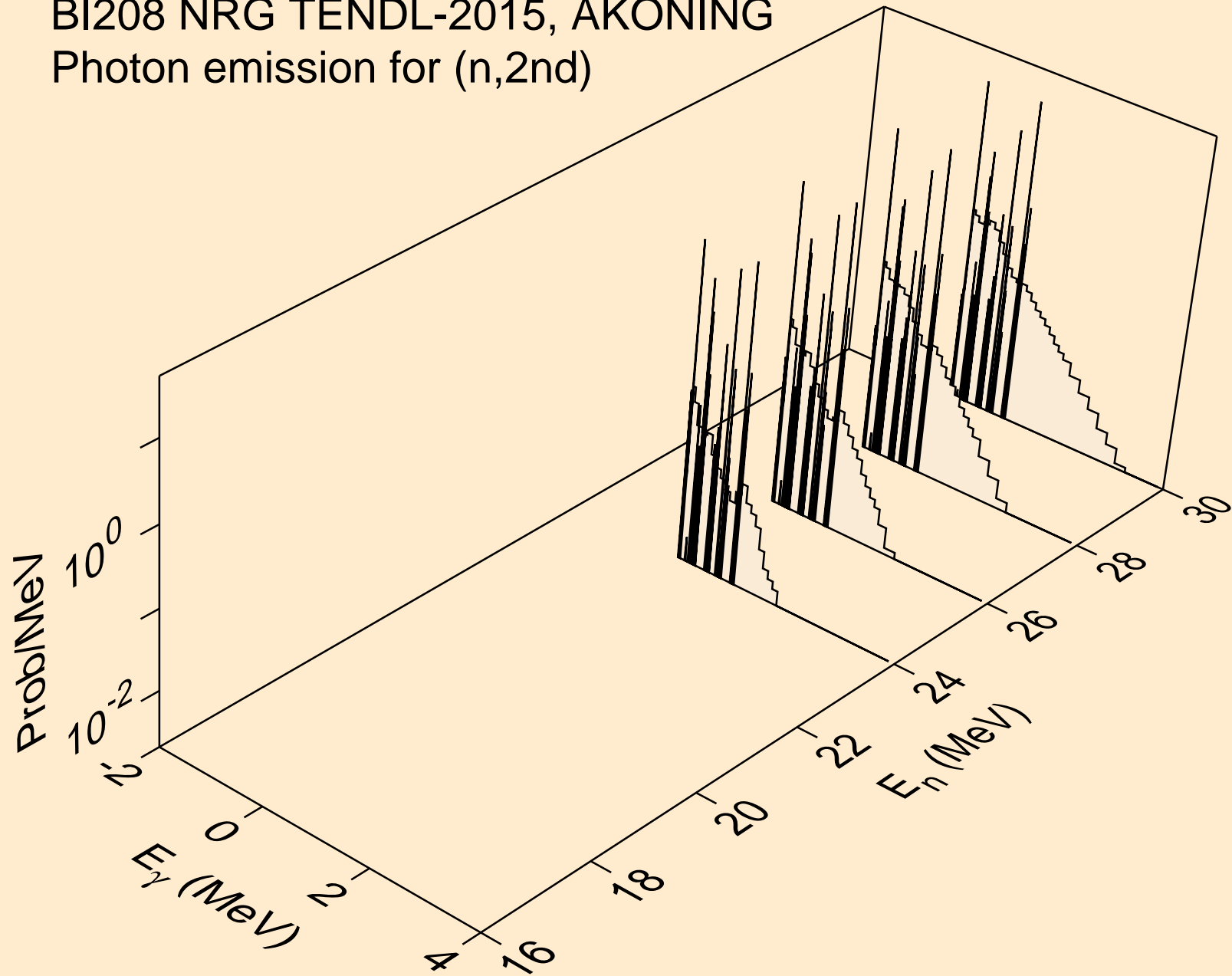
BI208 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



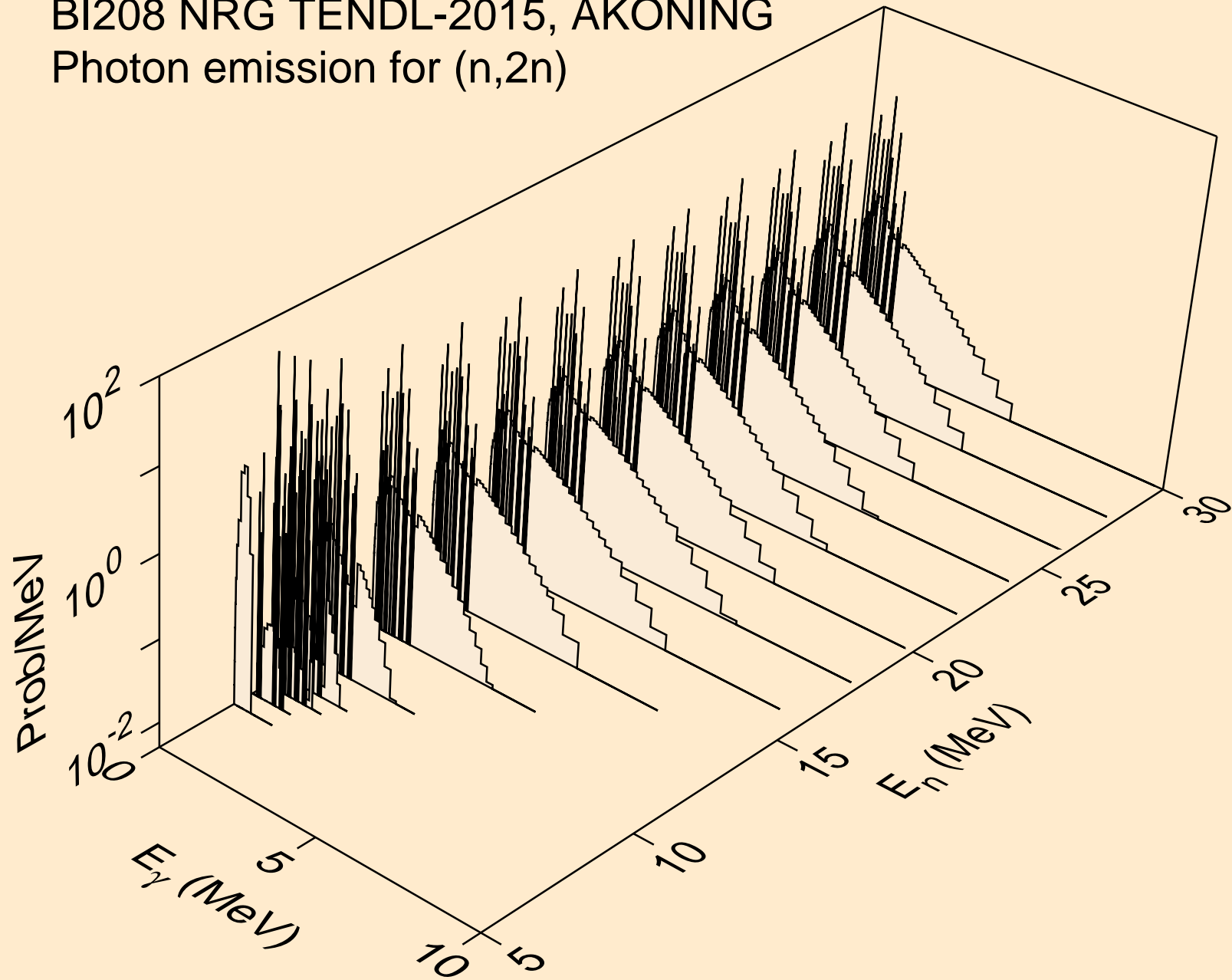
BI208 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



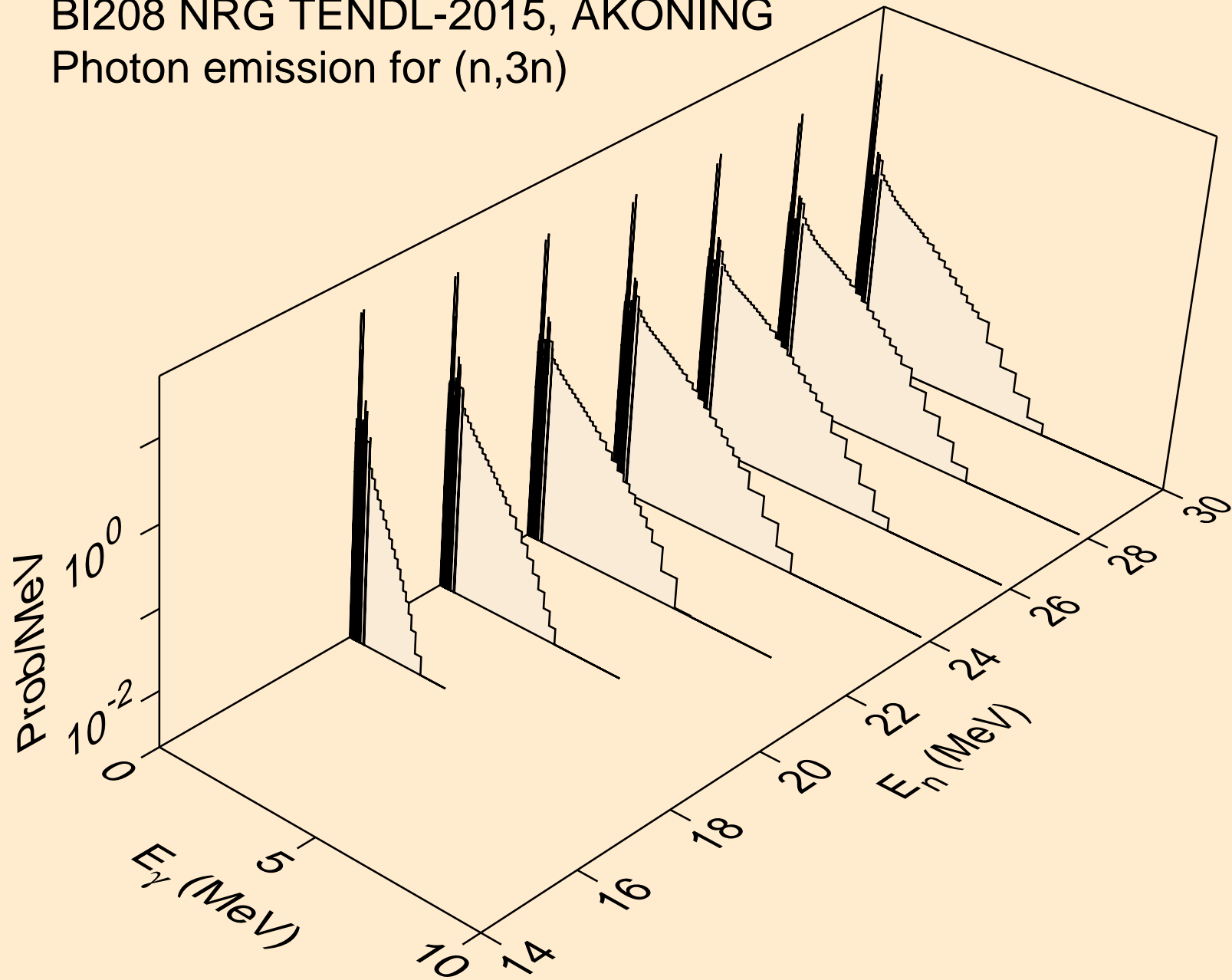
BI208 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



BI208 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)

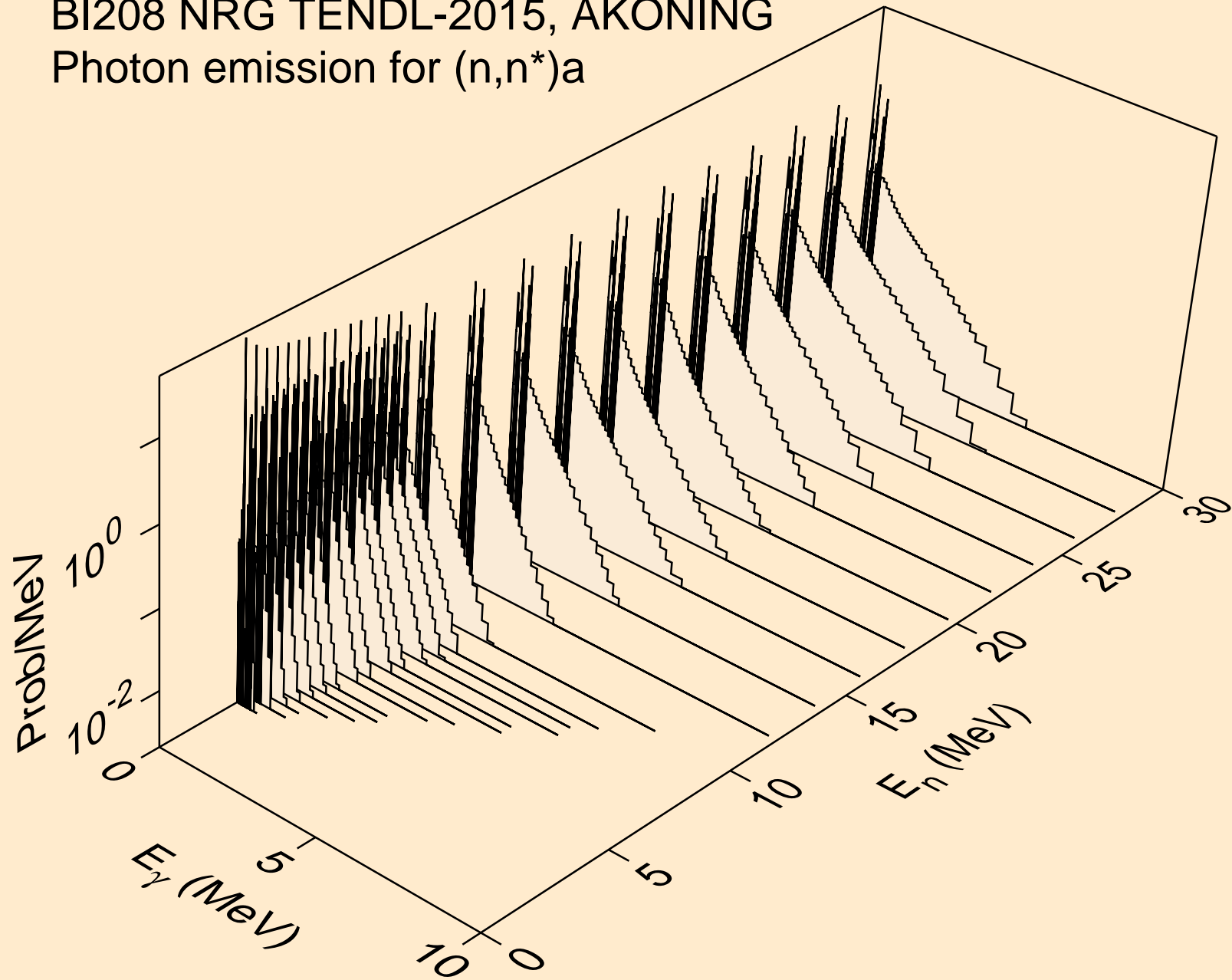


BI208 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

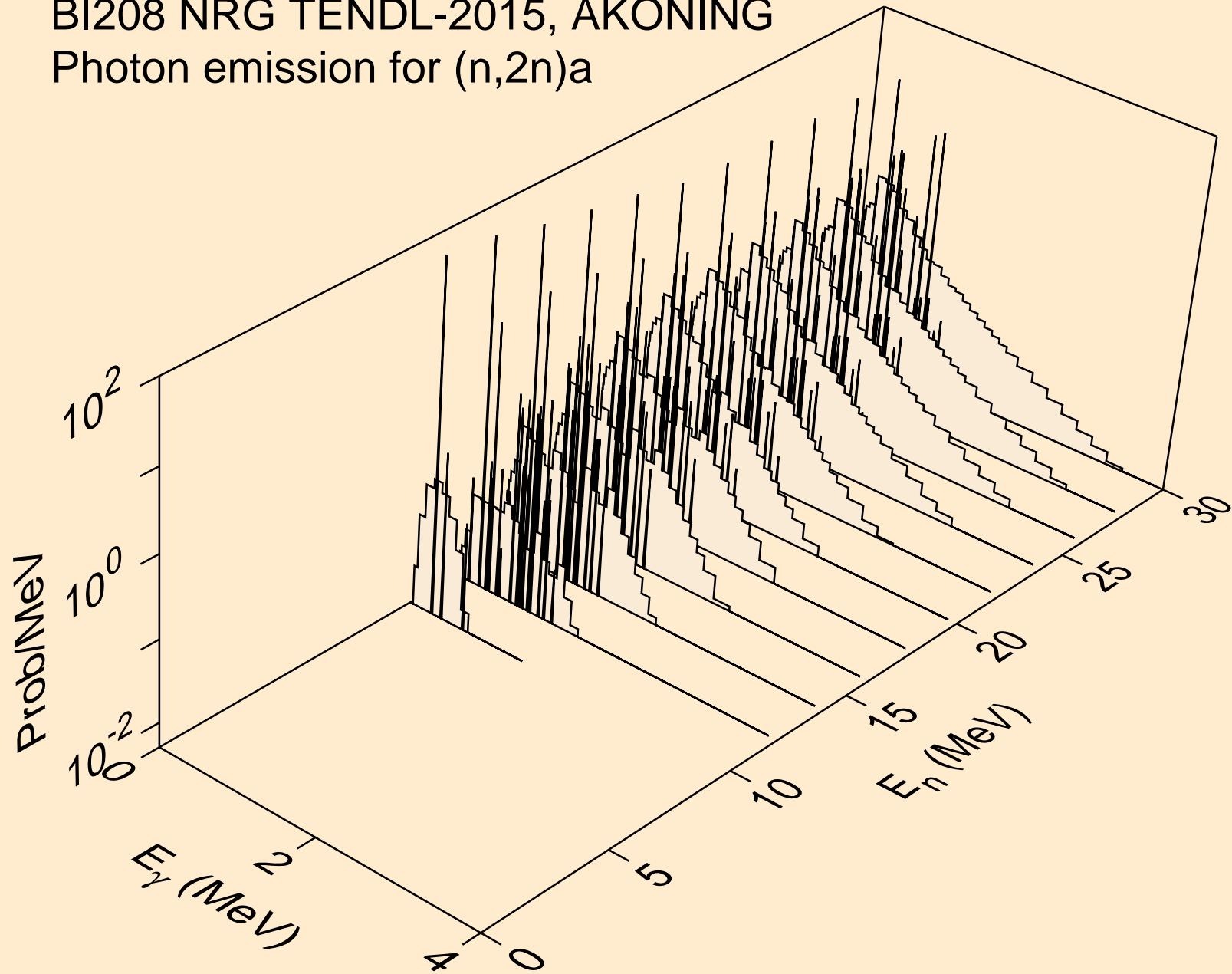




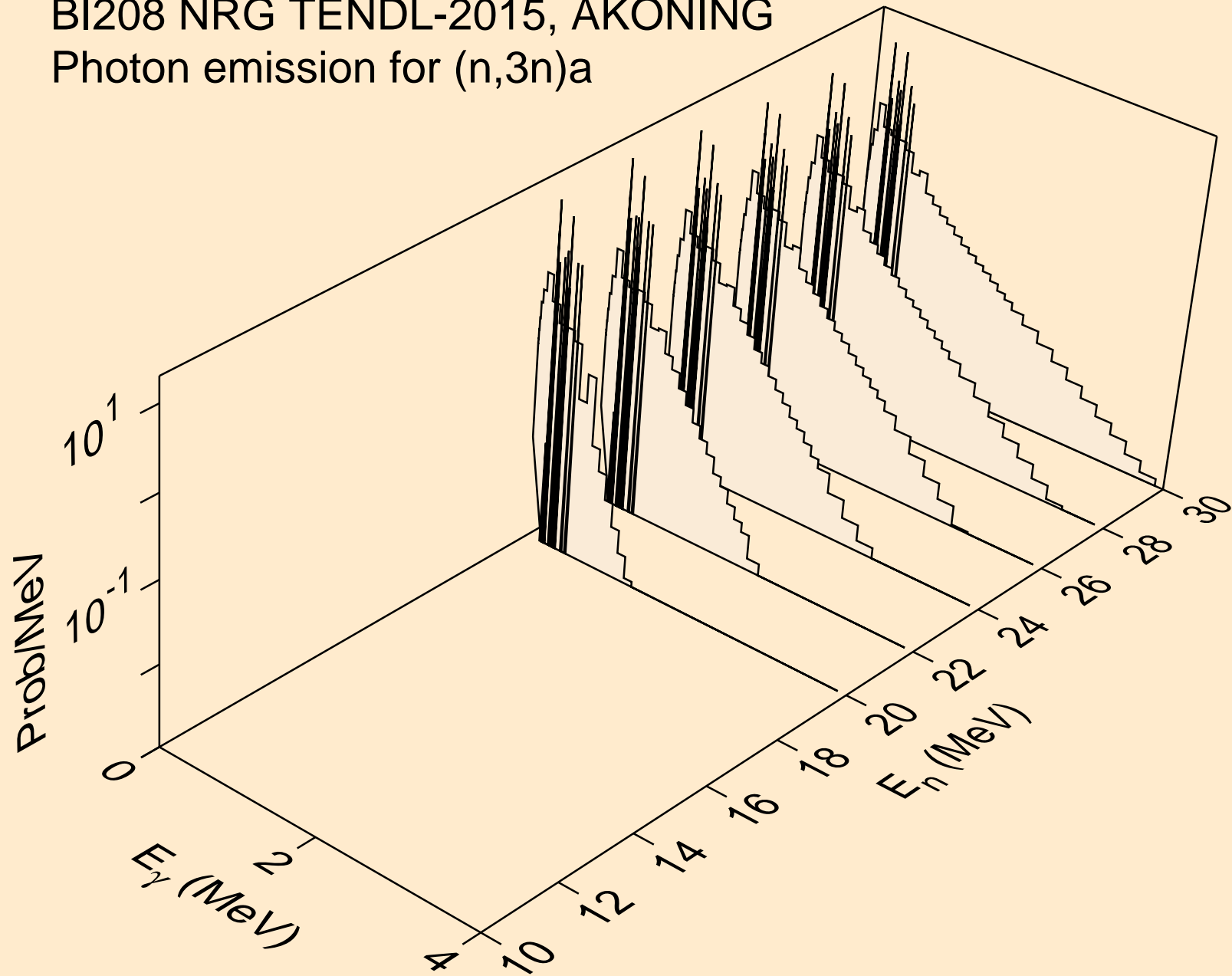
BI208 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



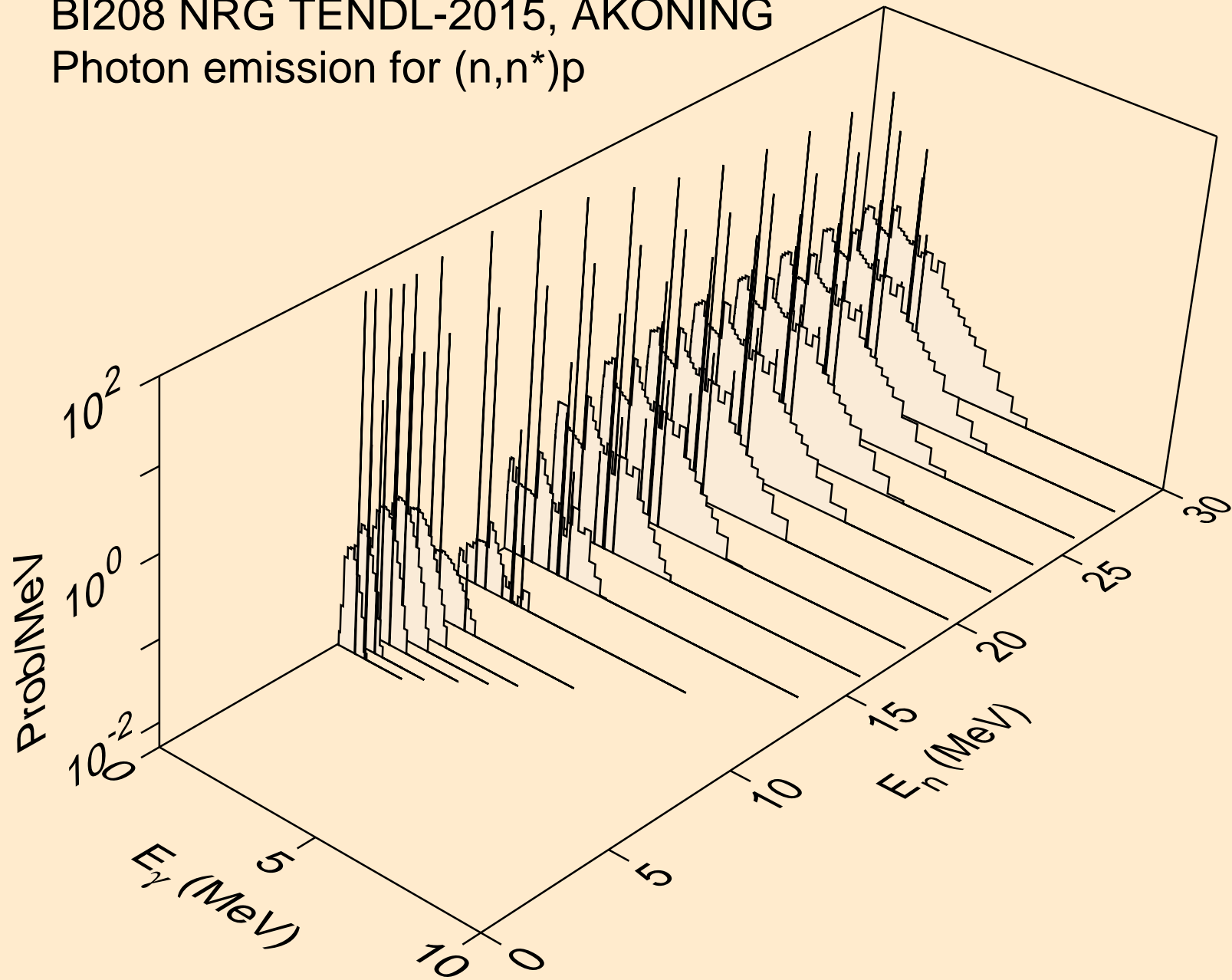
BI208 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



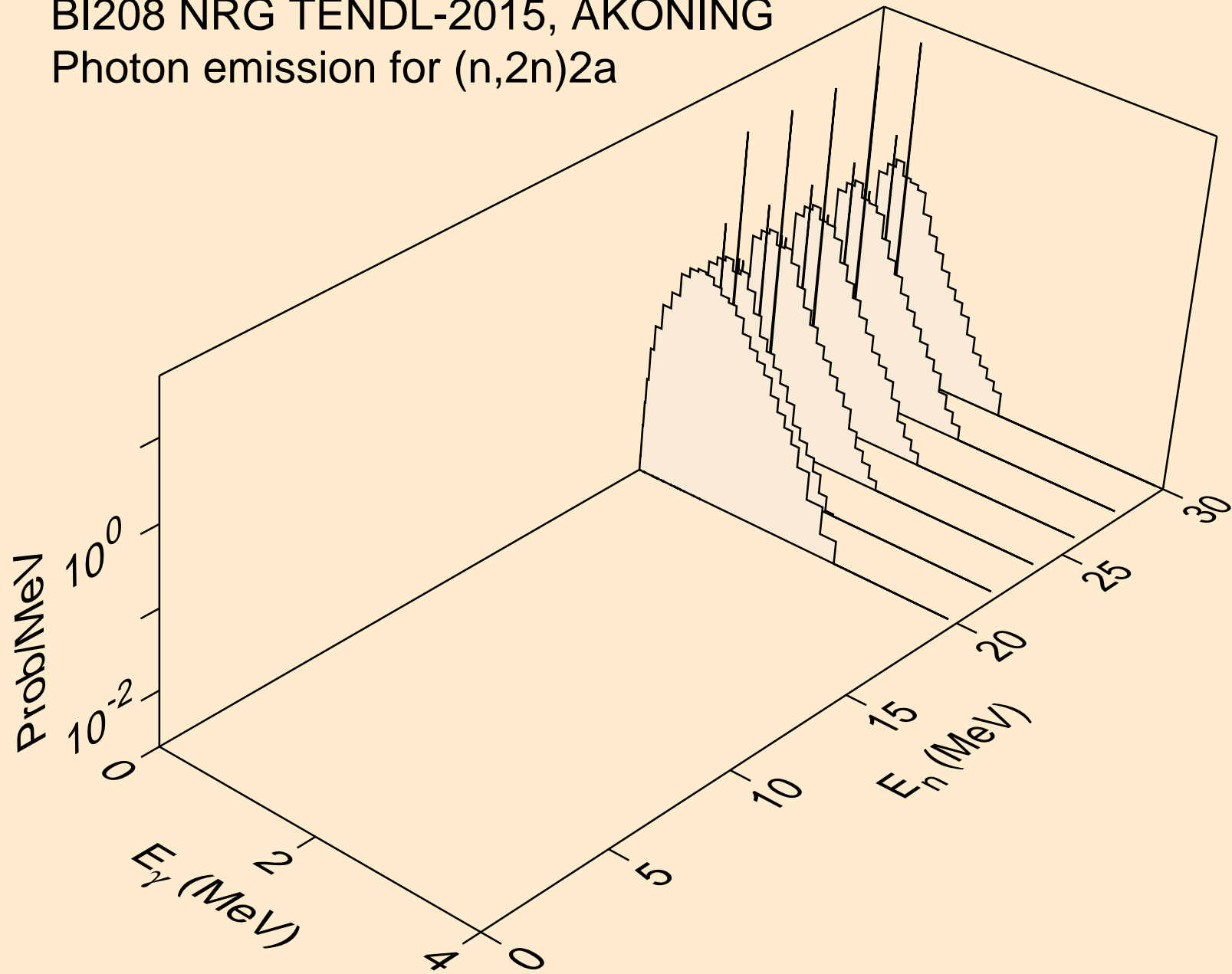
BI208 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



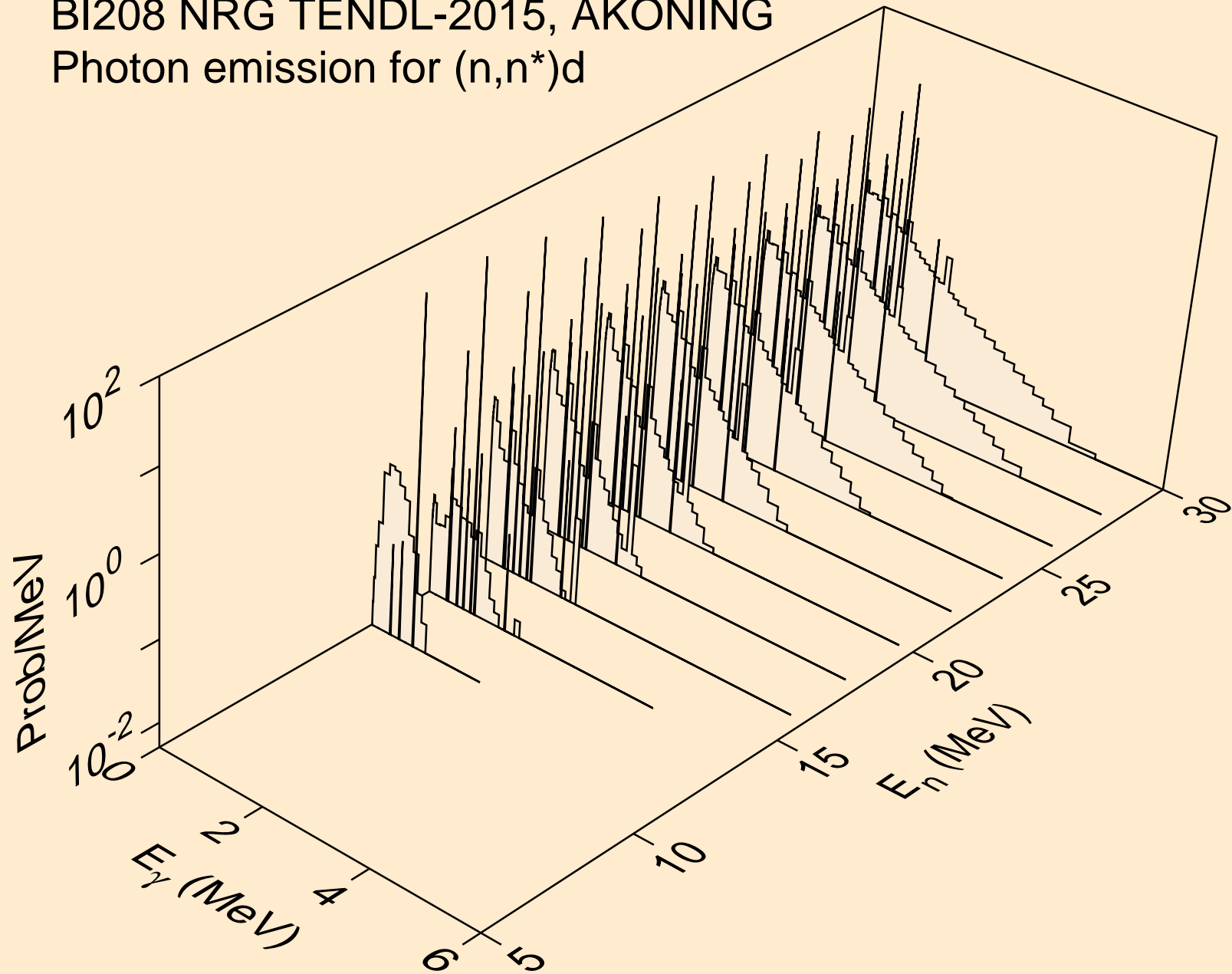
BI208 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



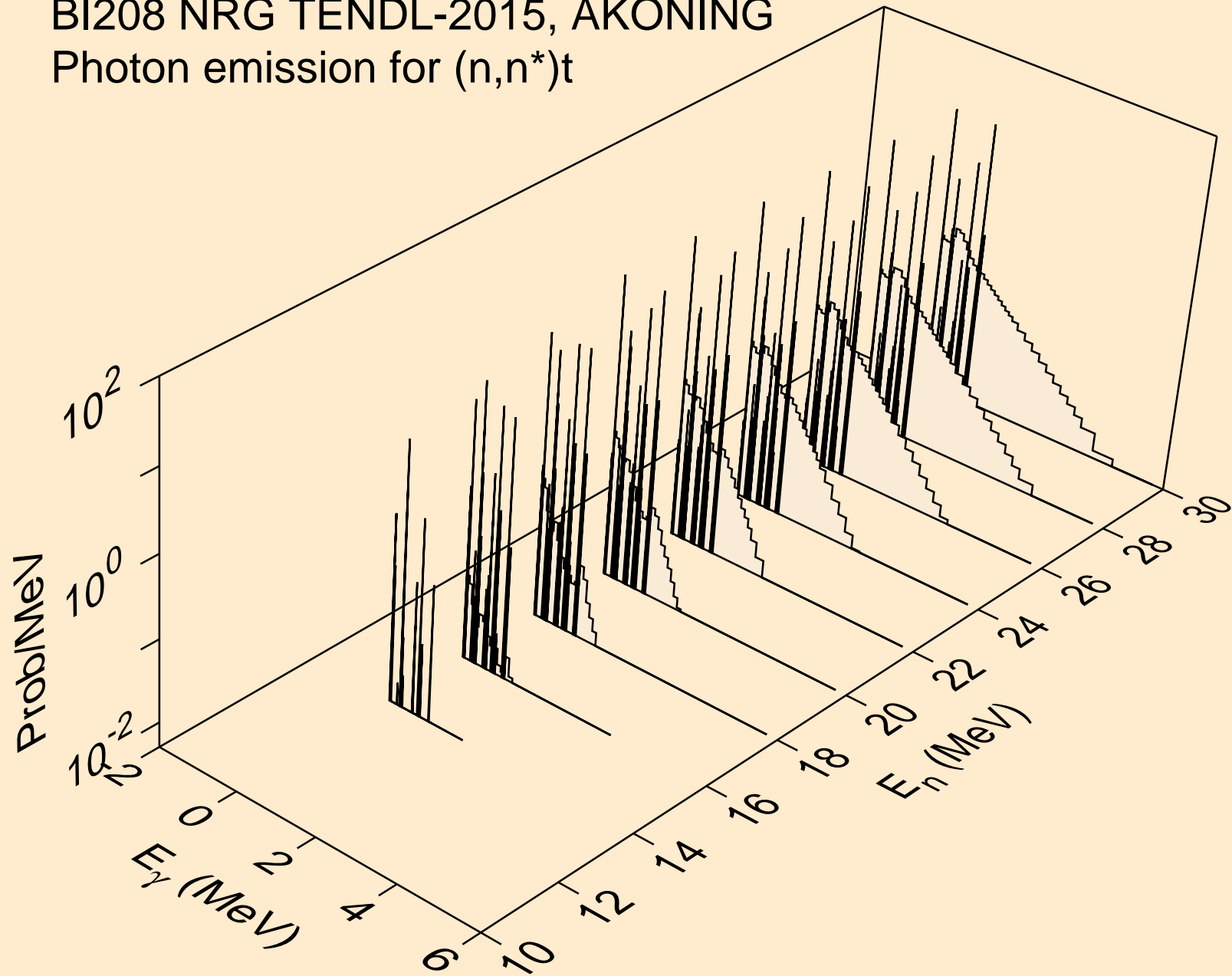
BI208 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



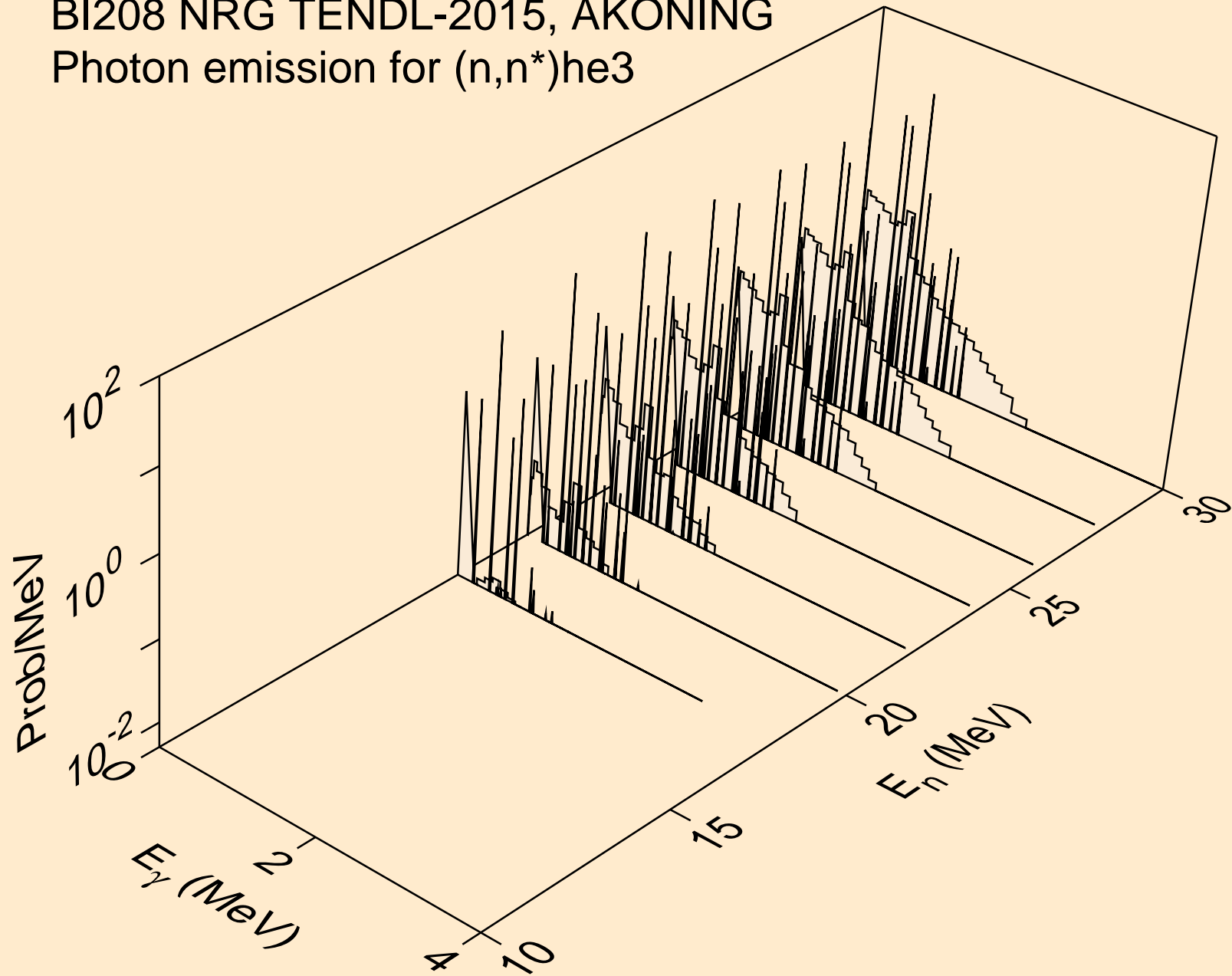
BI208 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



BI208 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

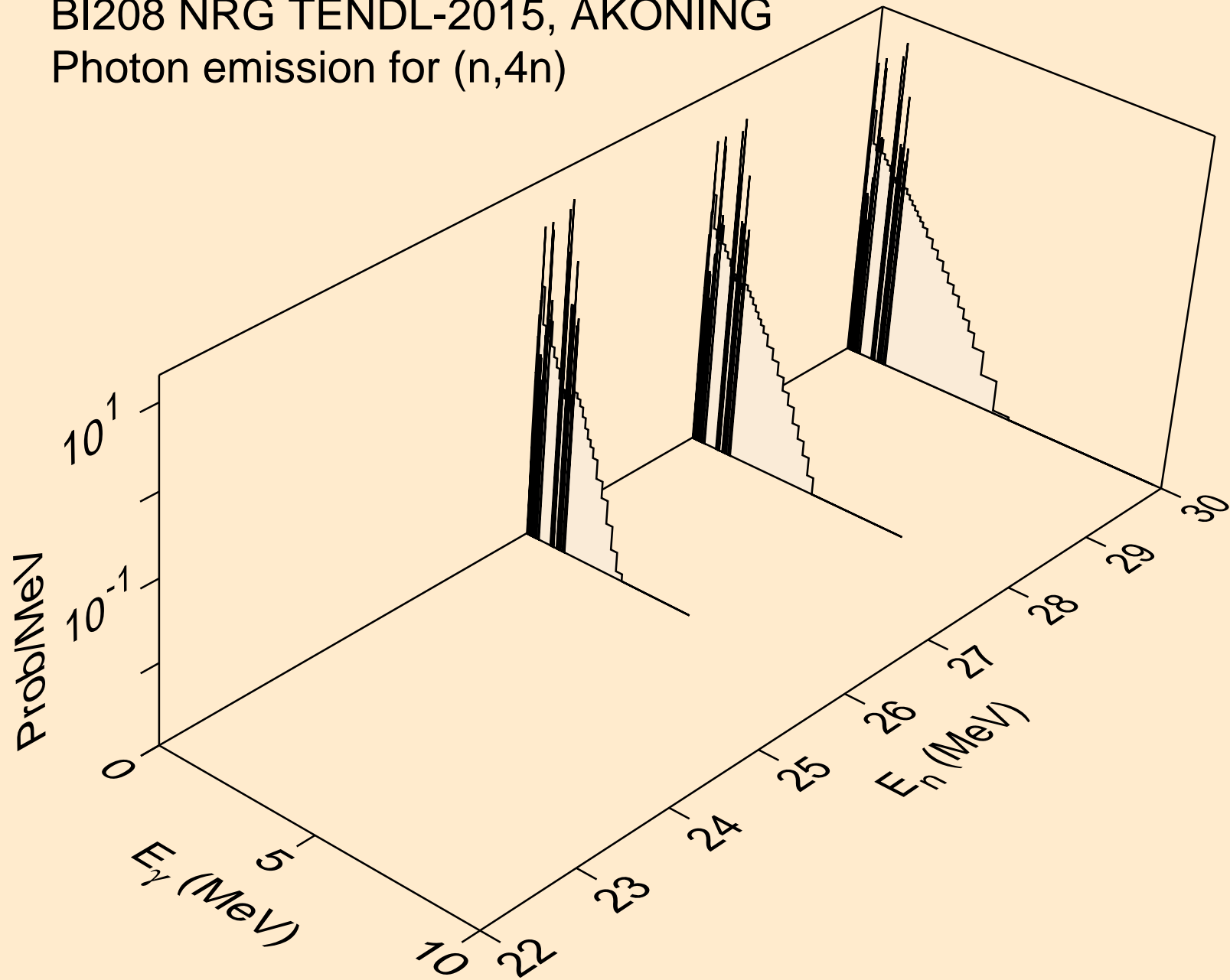


BI208 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

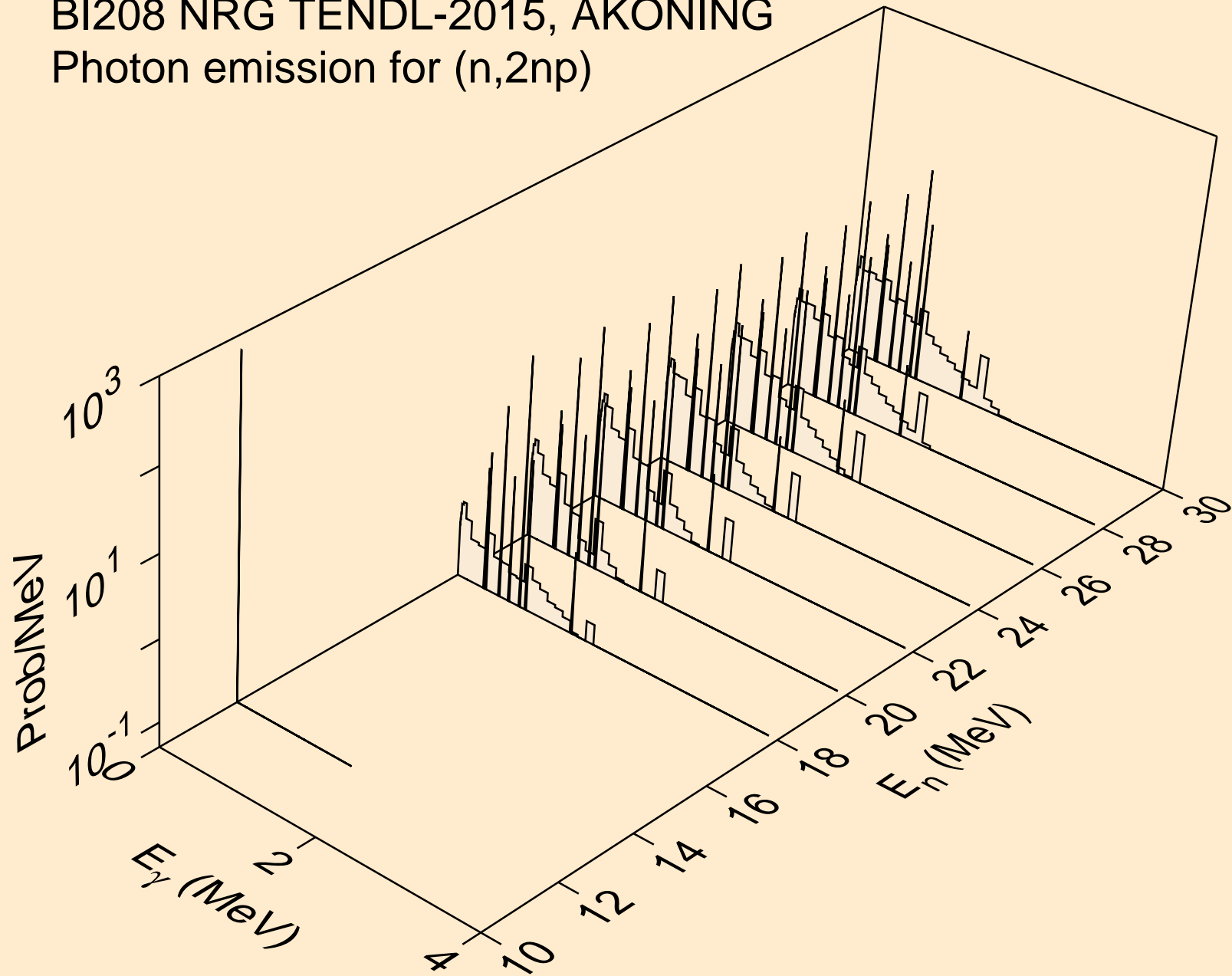




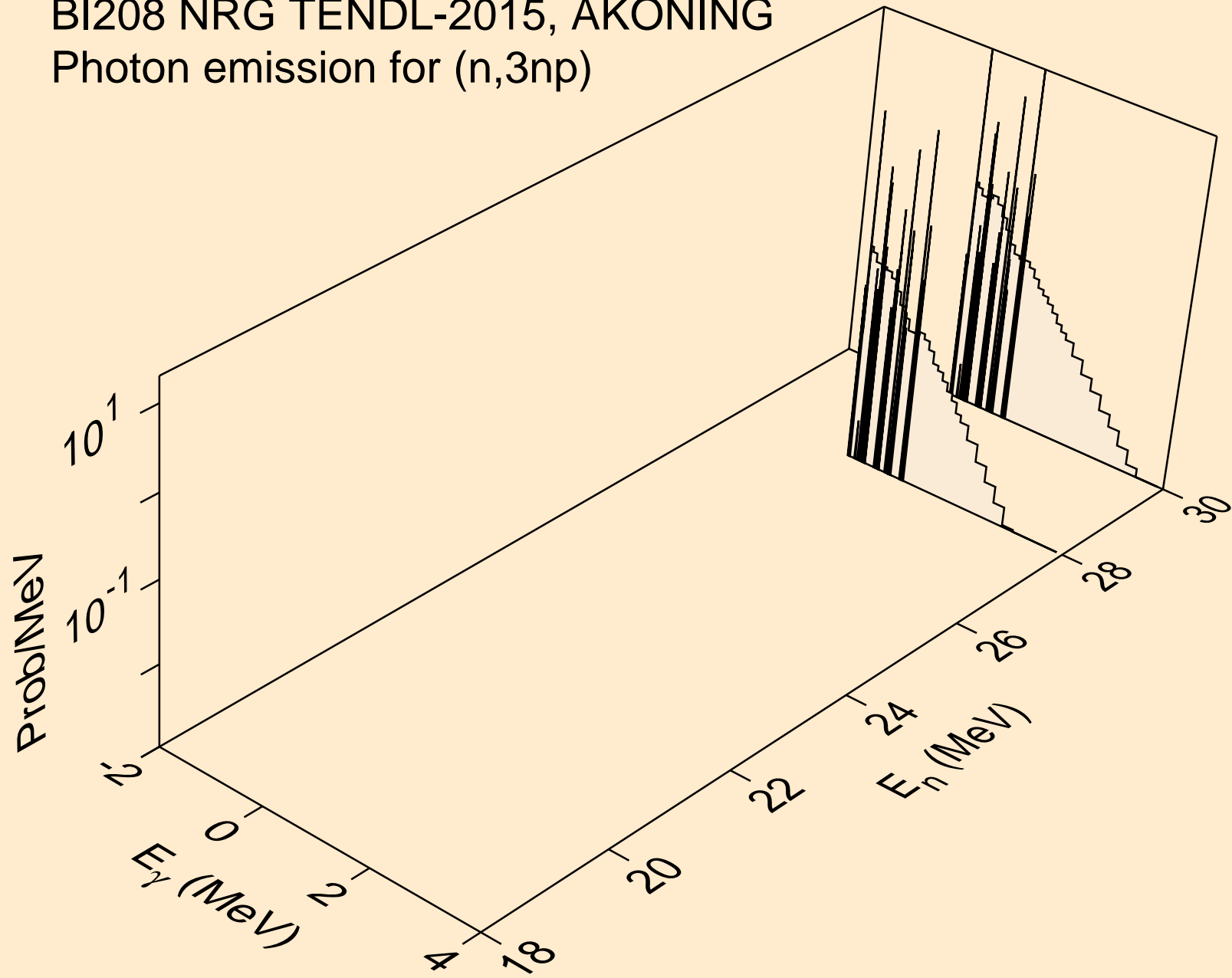
BI208 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



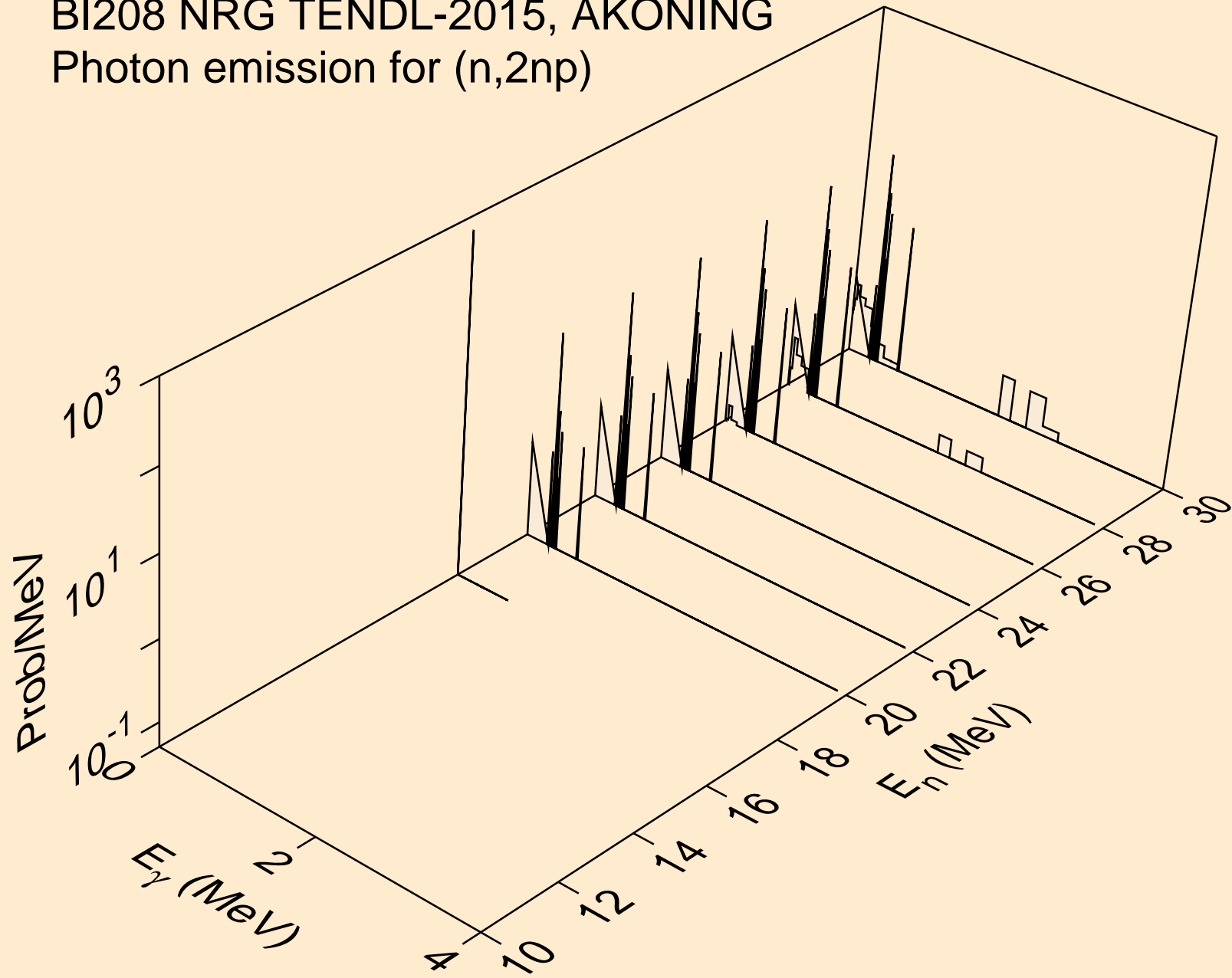
BI208 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



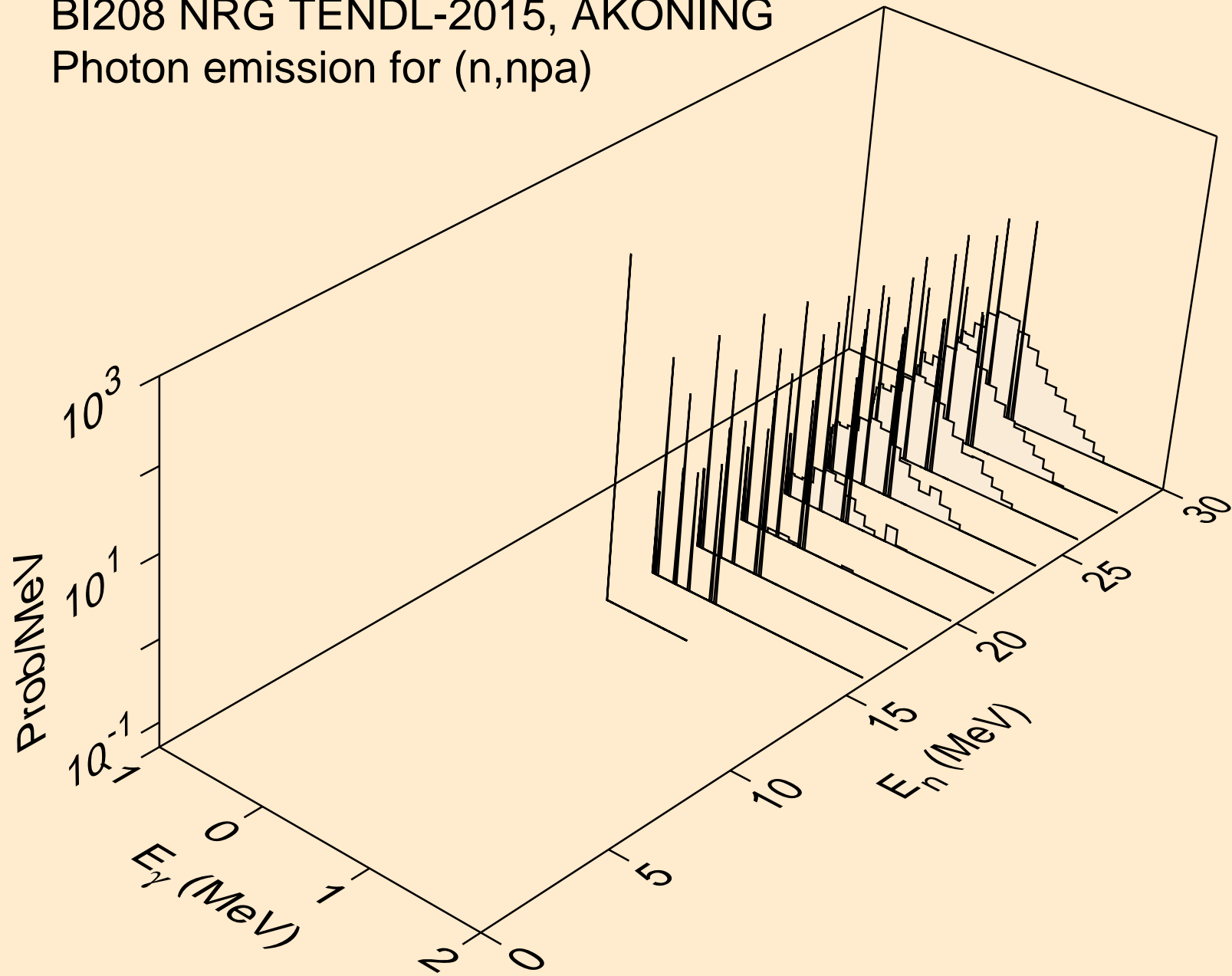
BI208 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



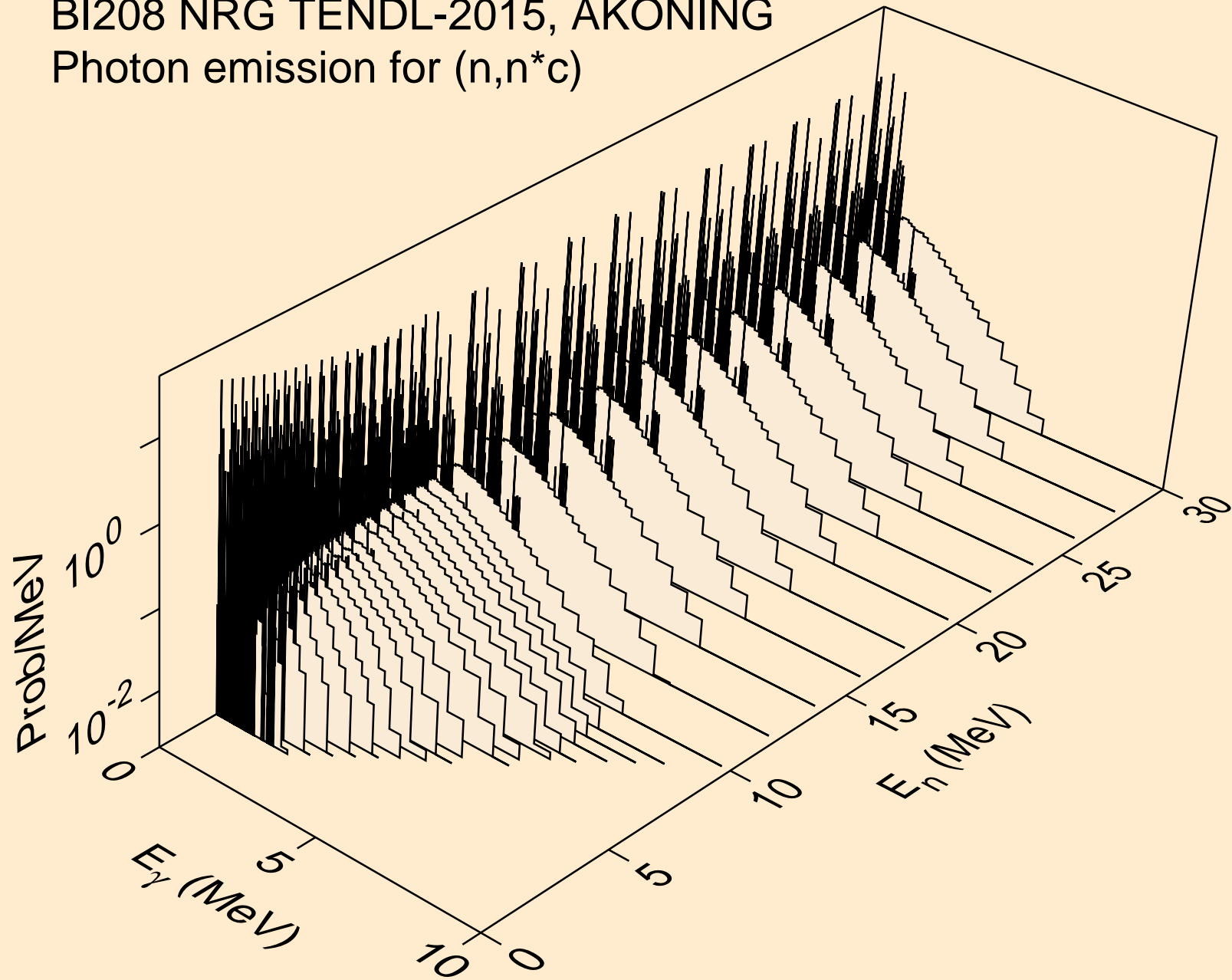
BI208 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



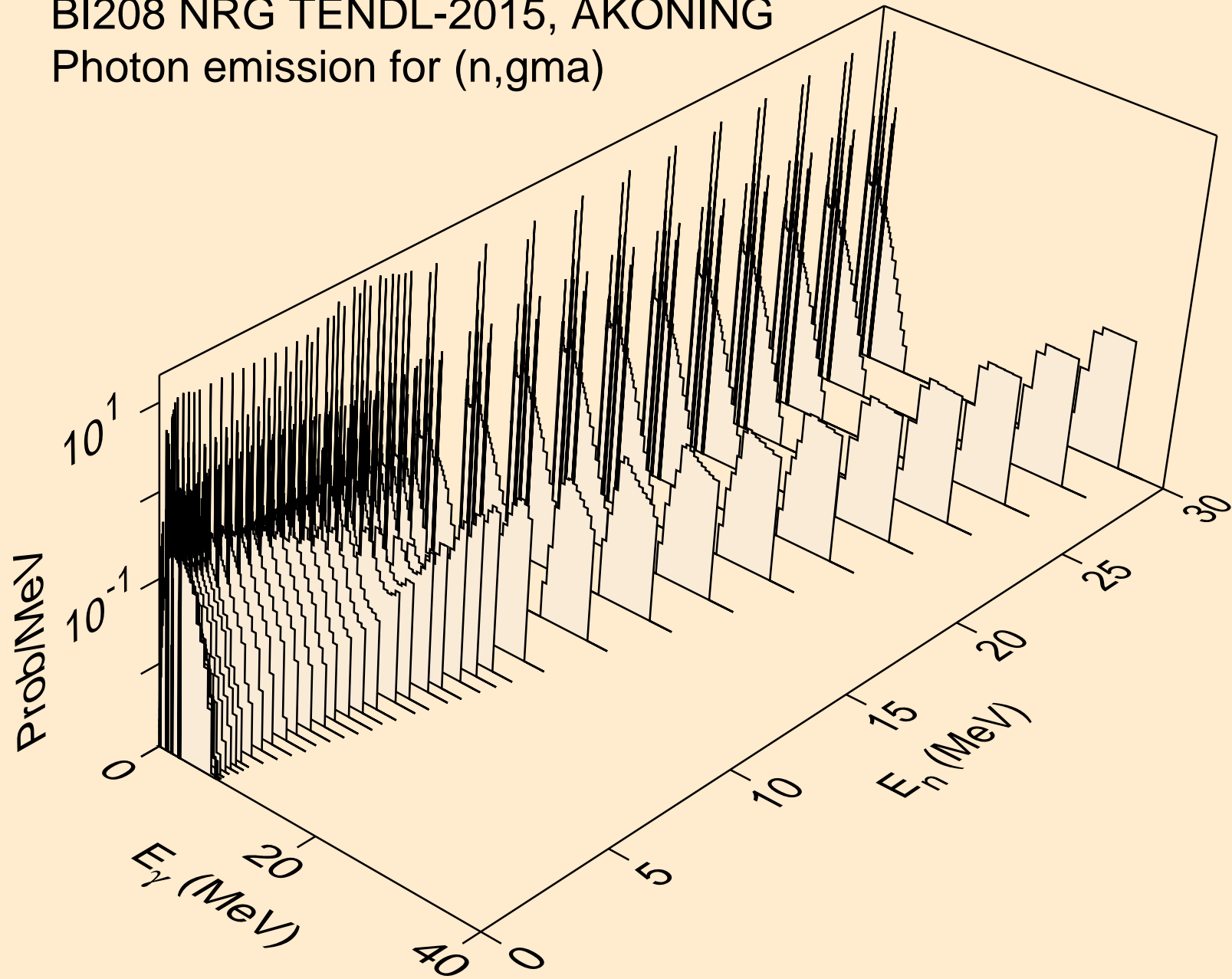
BI208 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



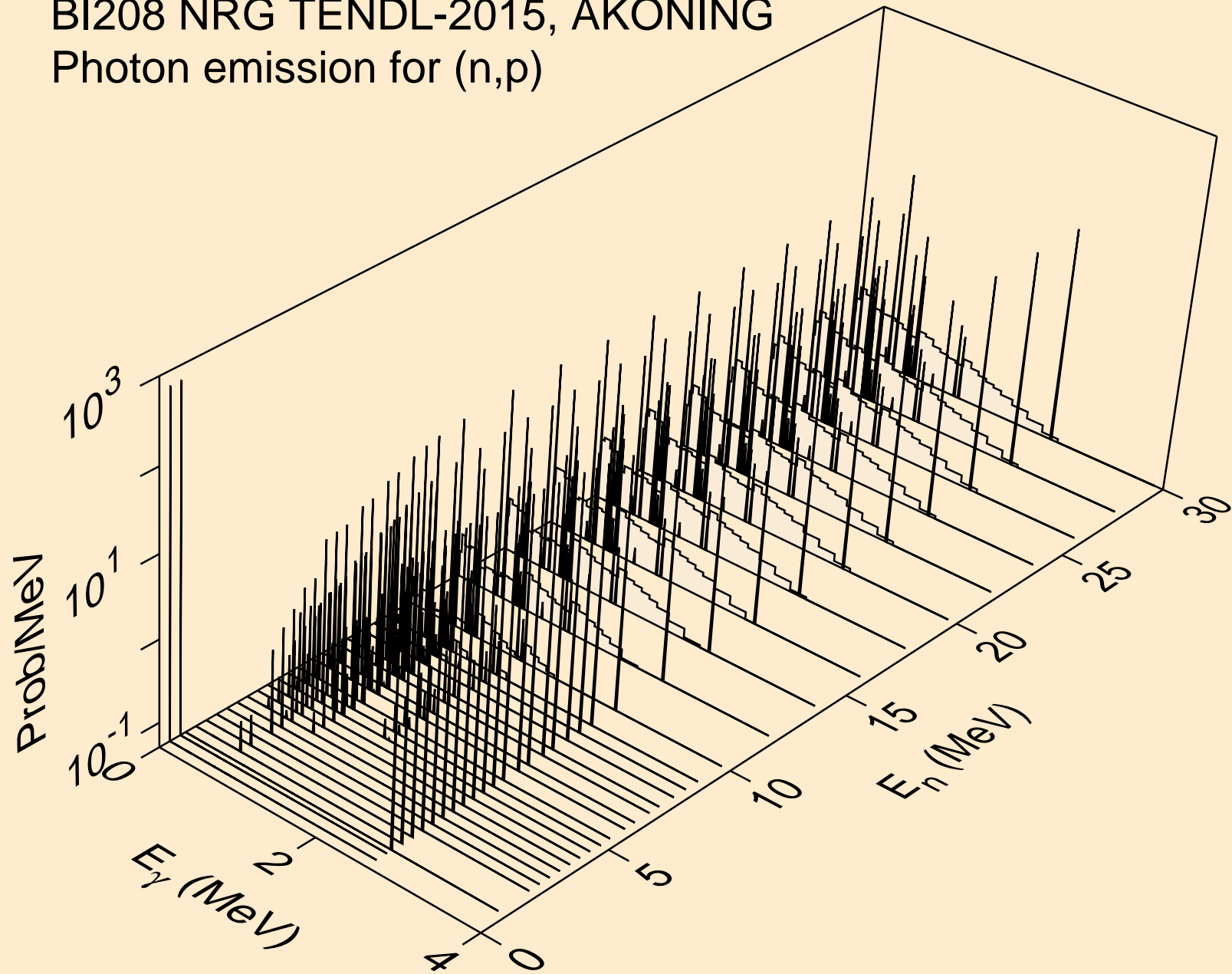
BI208 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



BI208 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)

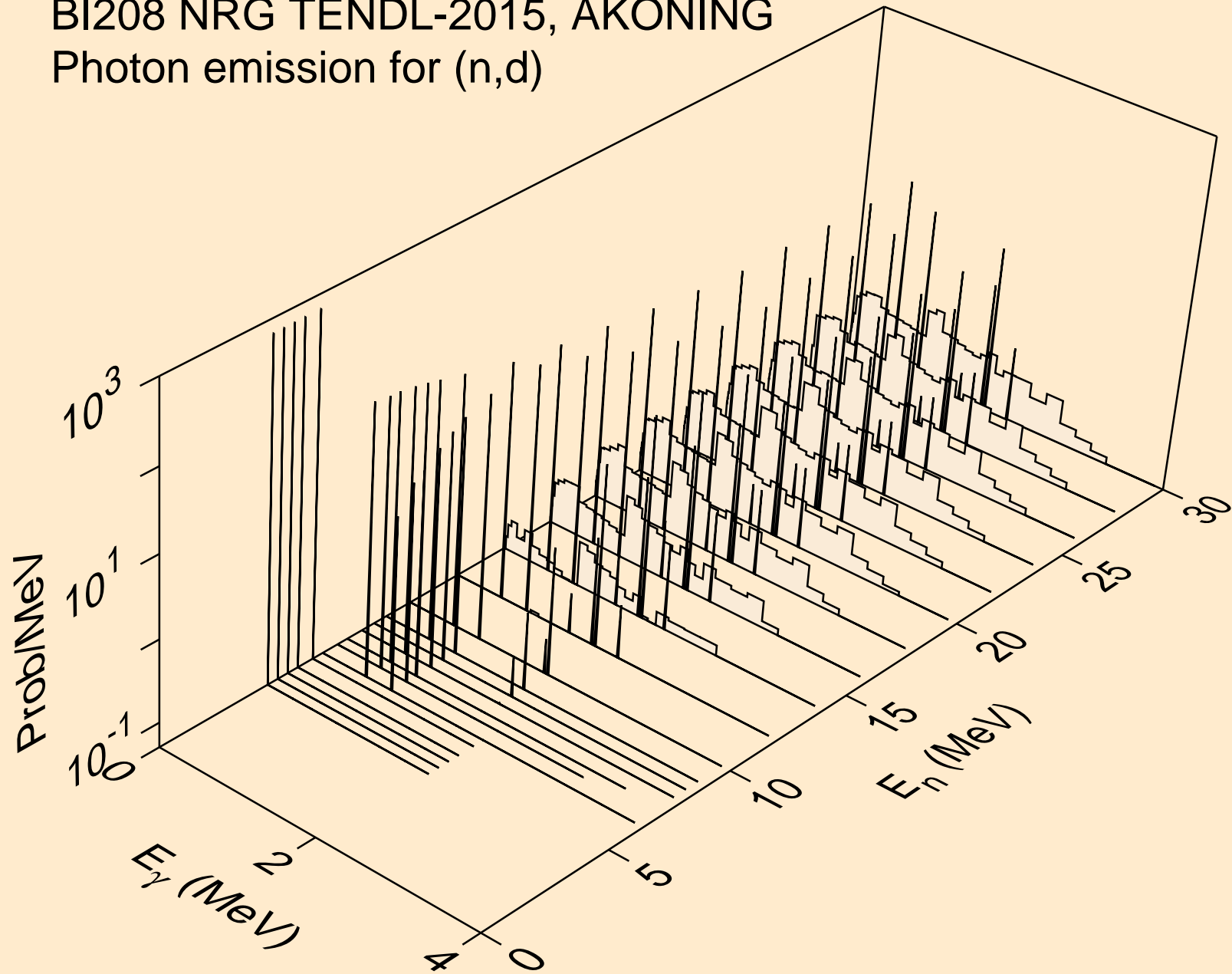


BI208 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

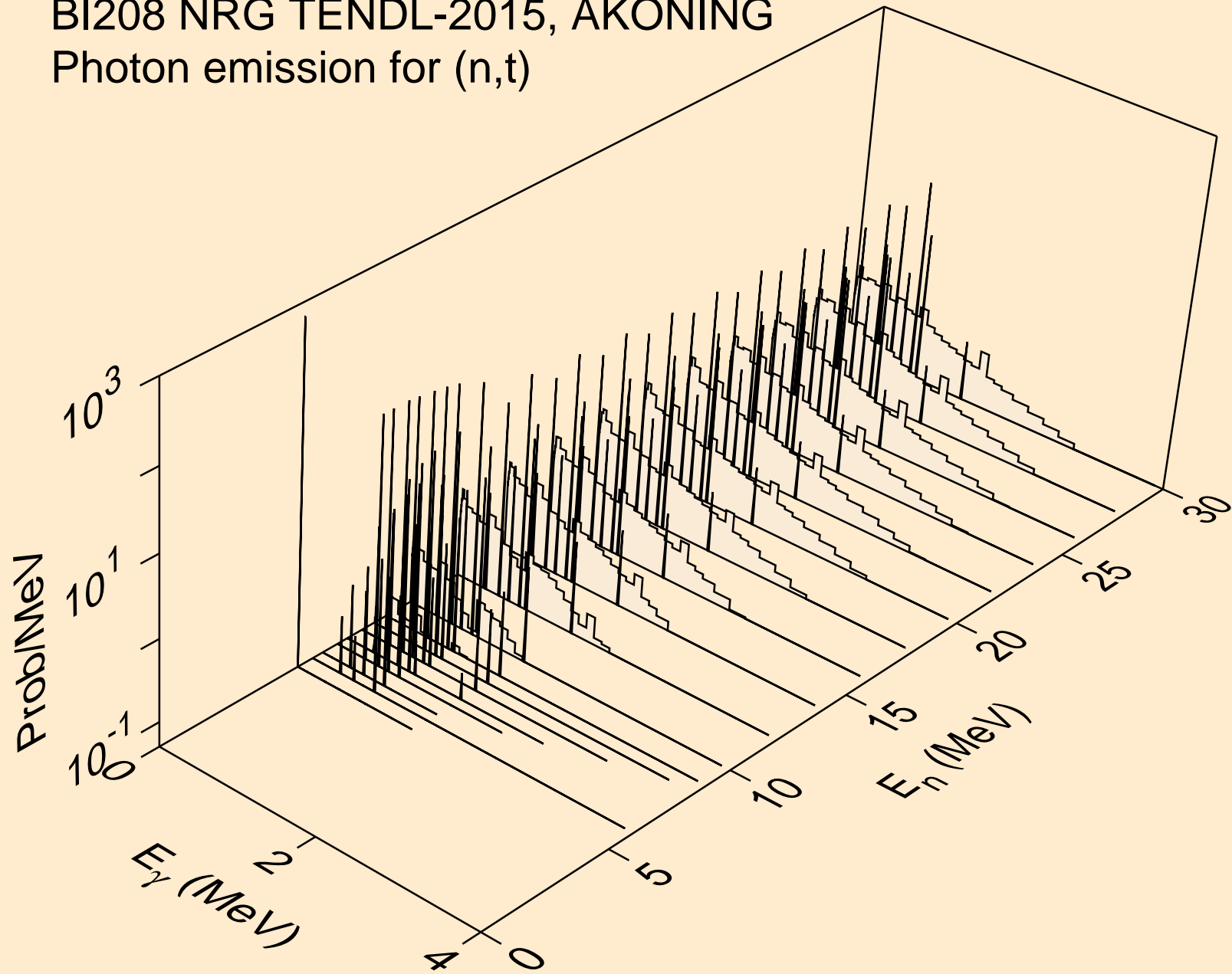




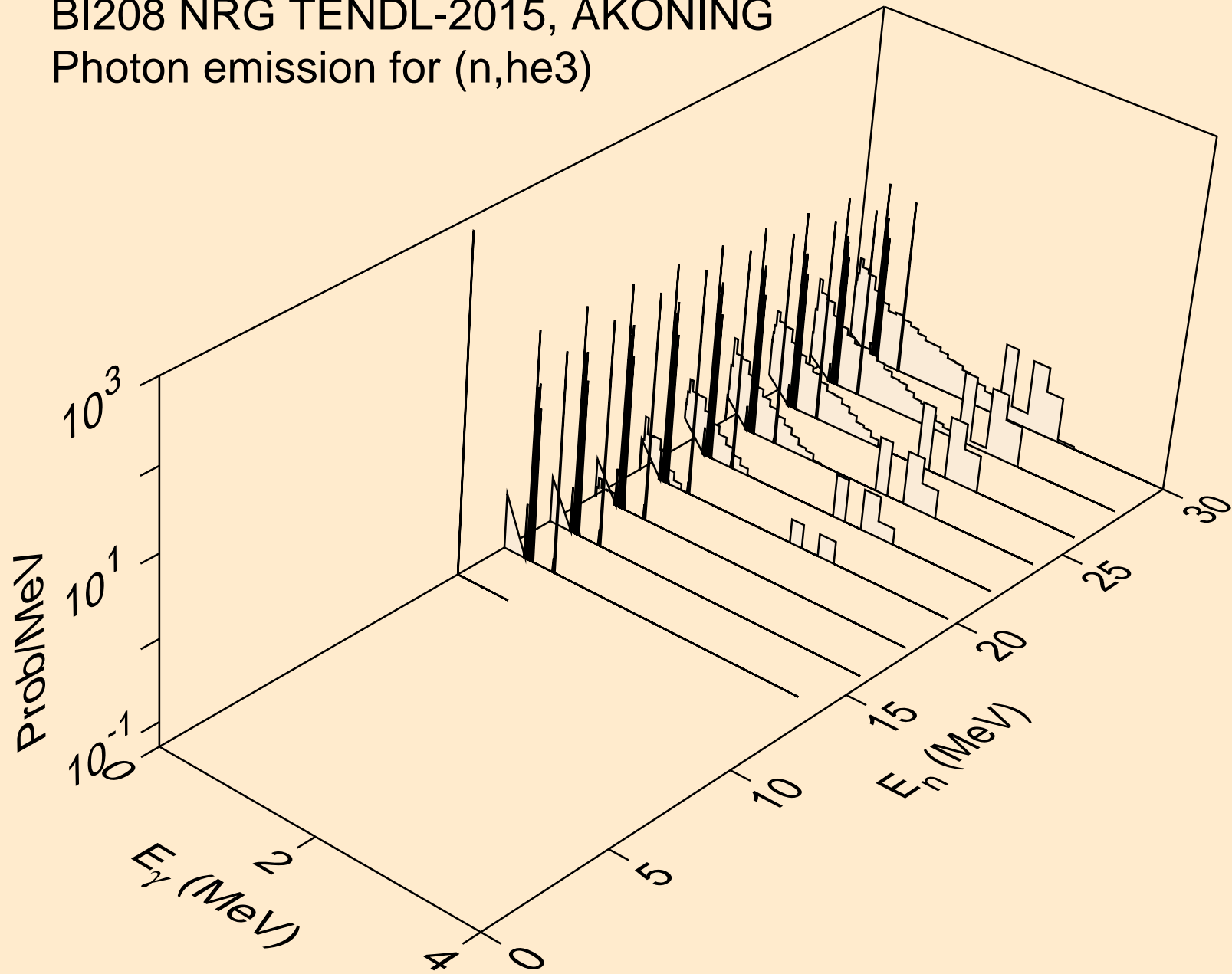
BI208 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



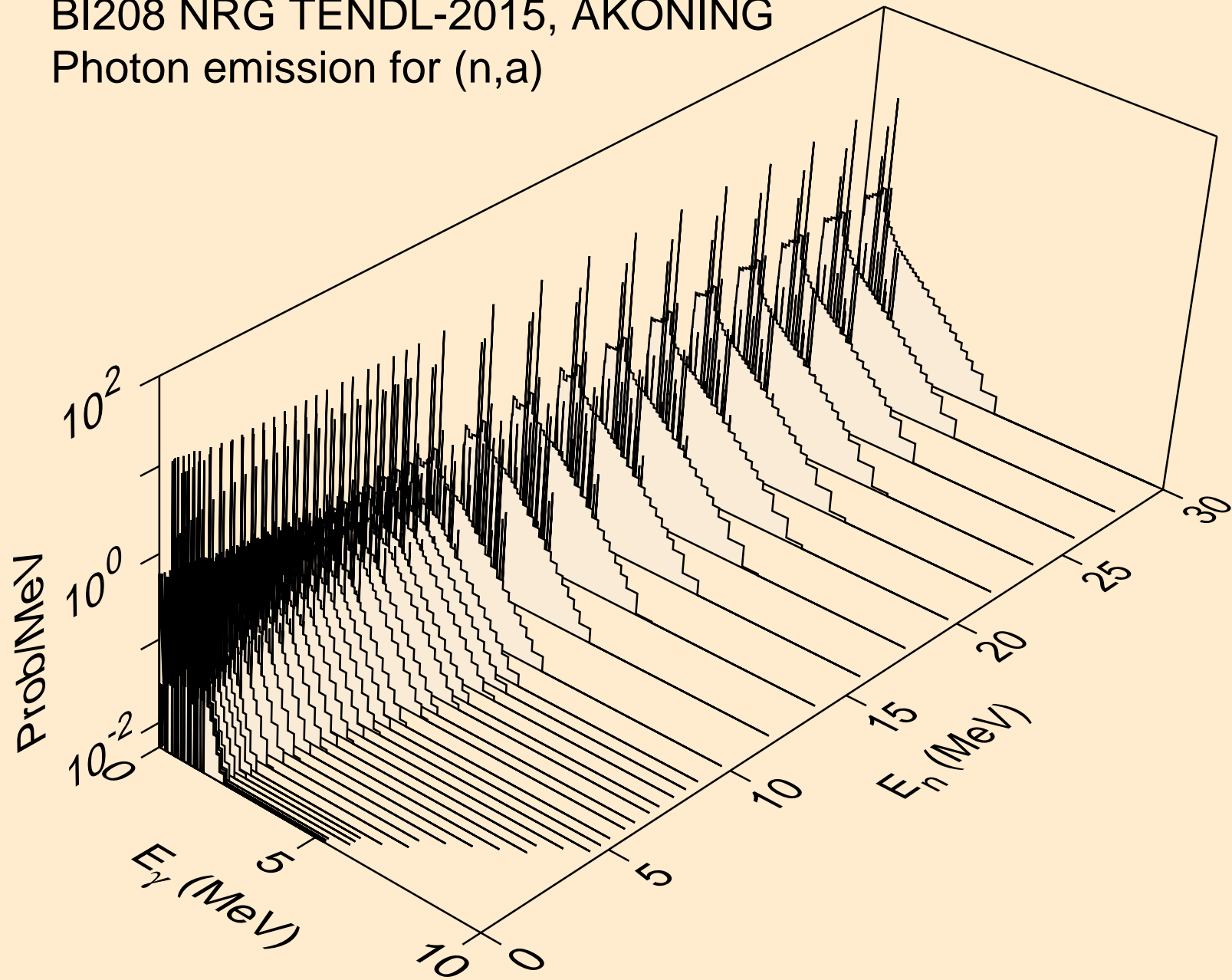
BI208 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



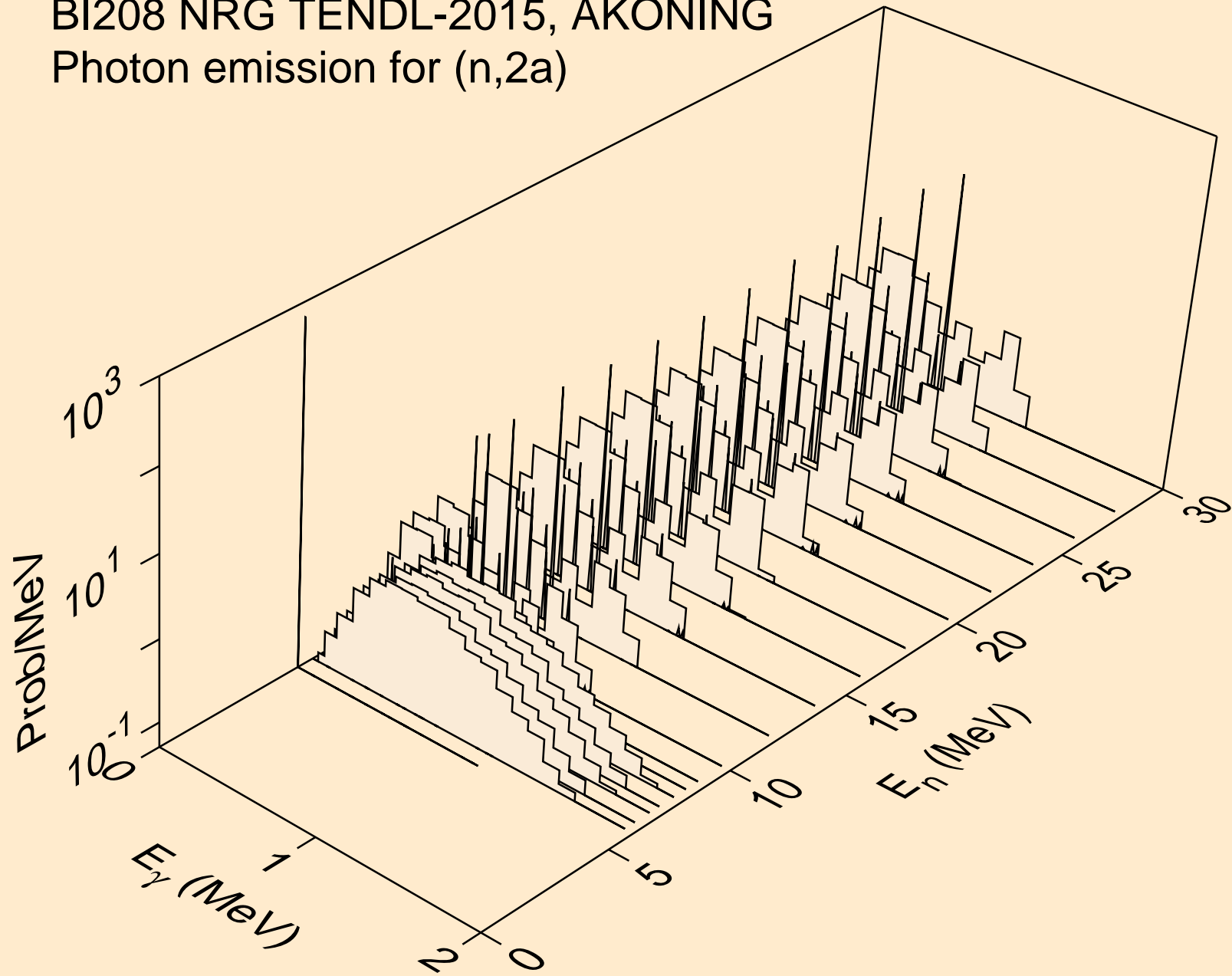
BI208 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



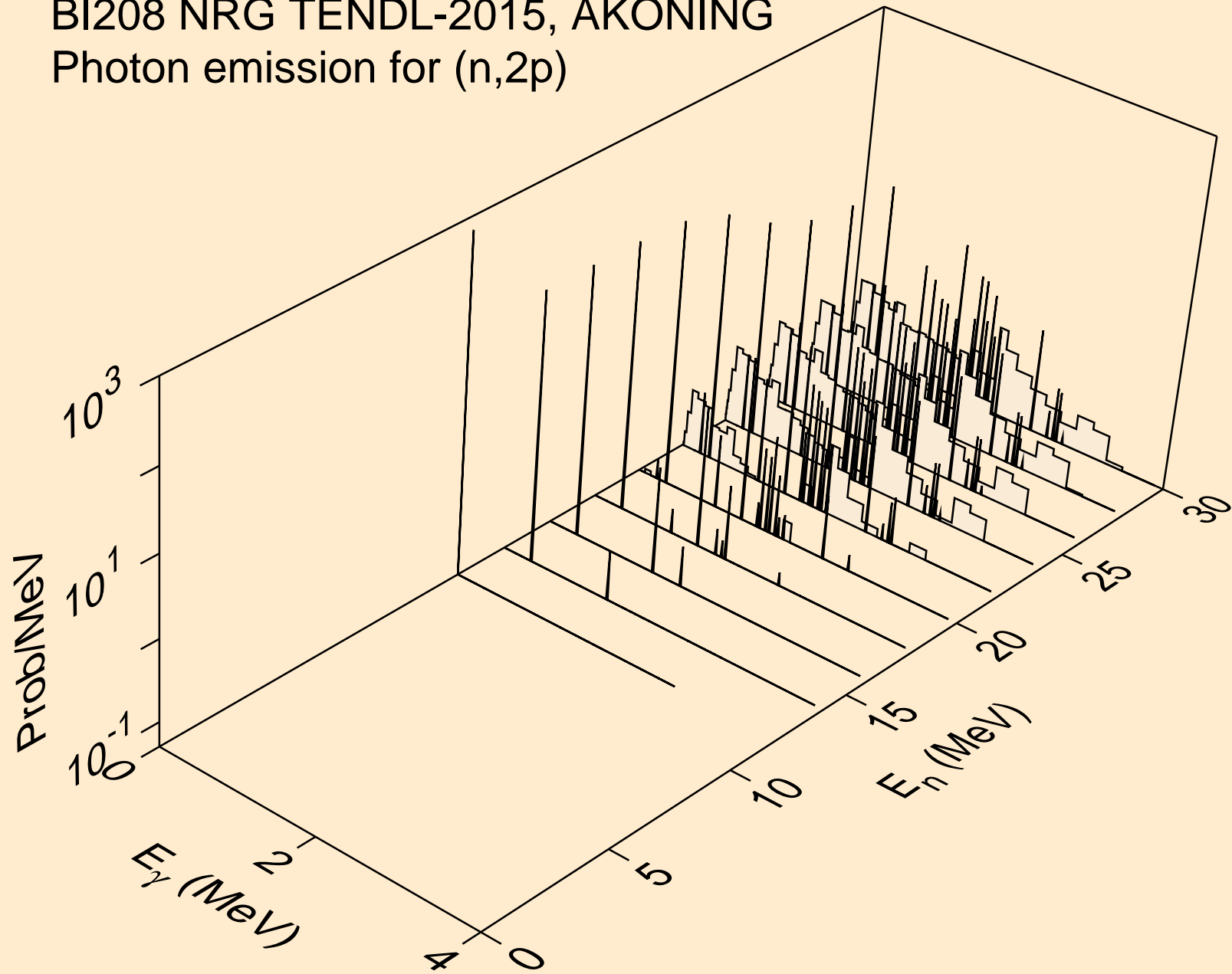
BI208 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



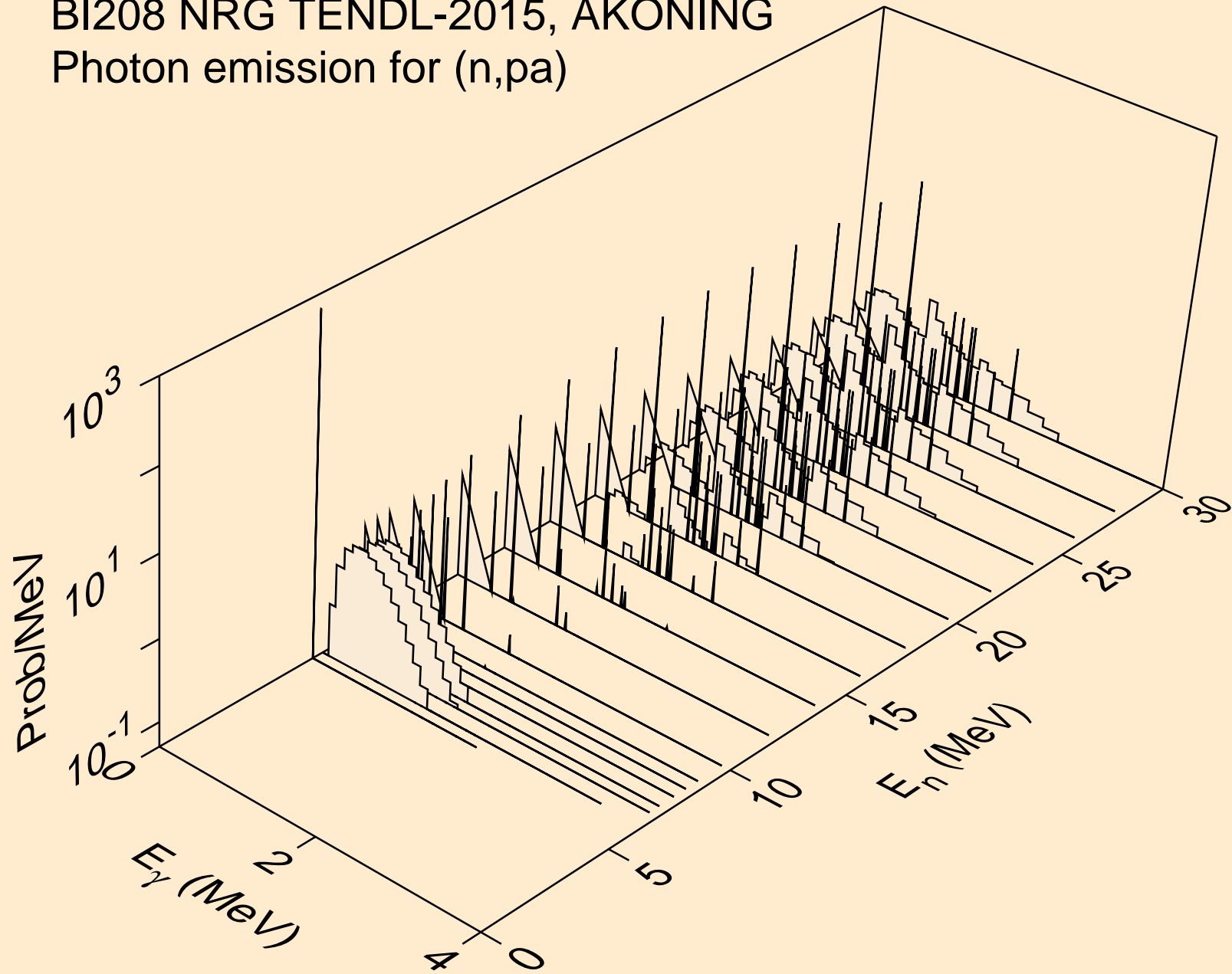
BI208 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



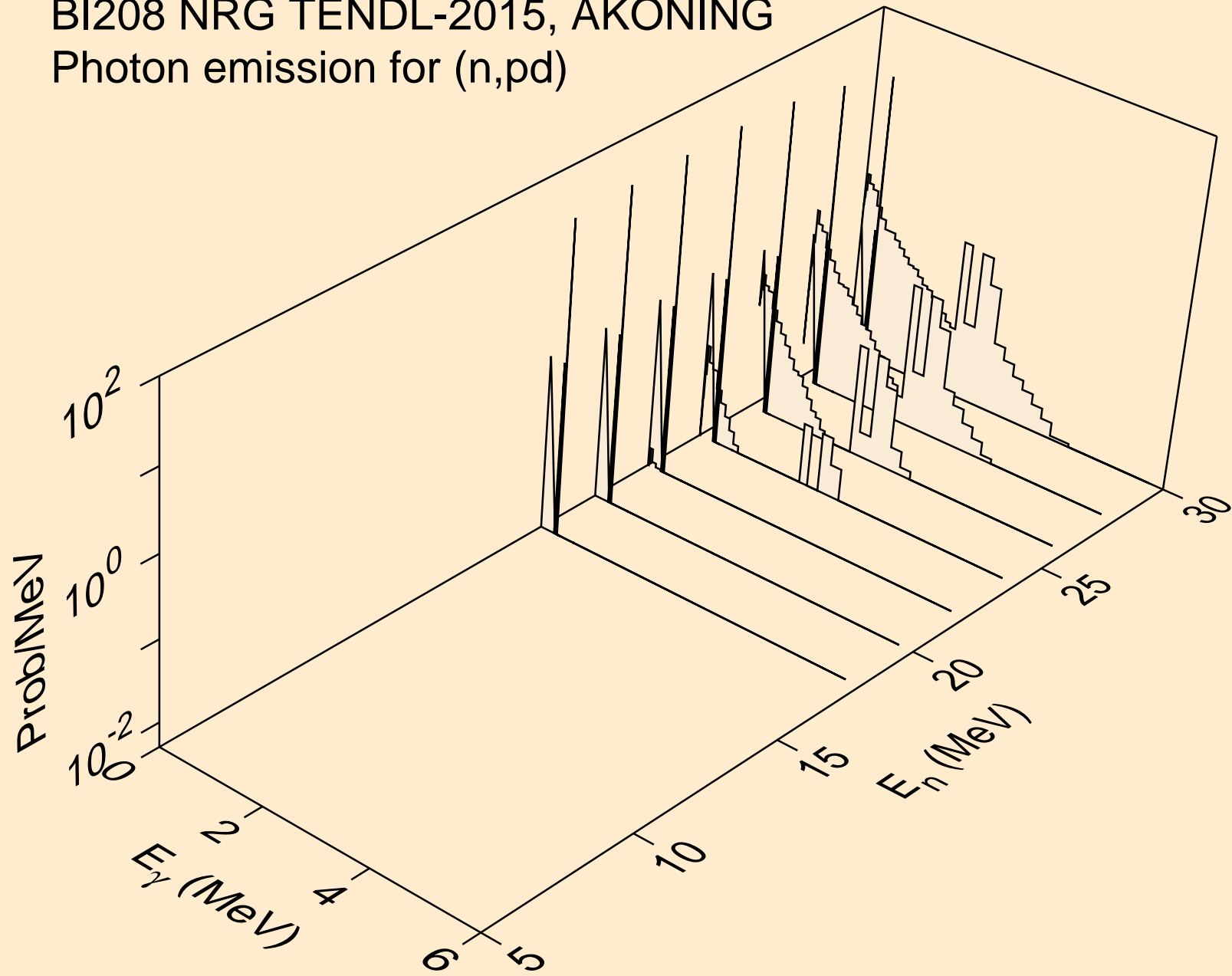
BI208 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



BI208 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )

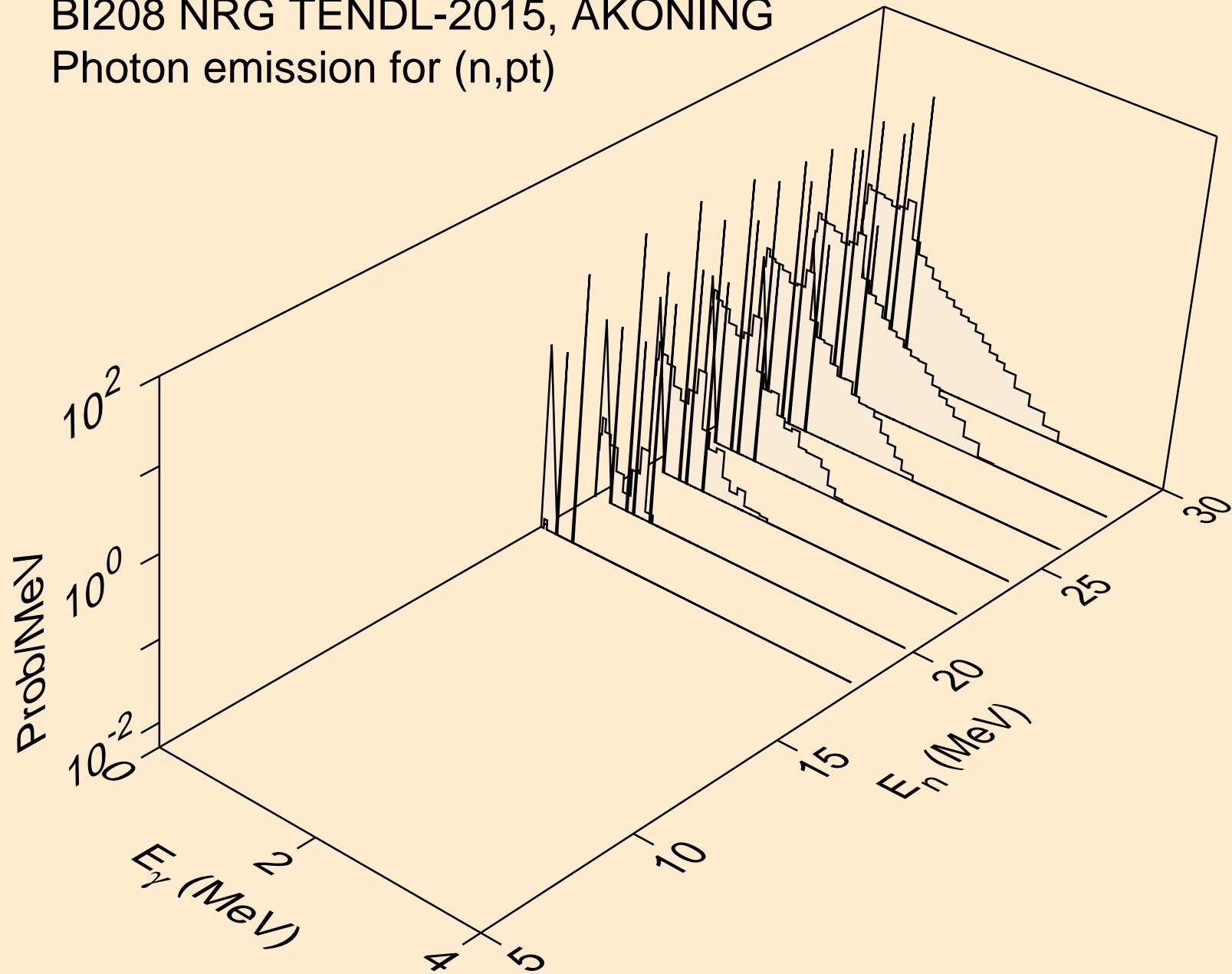


BI208 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)

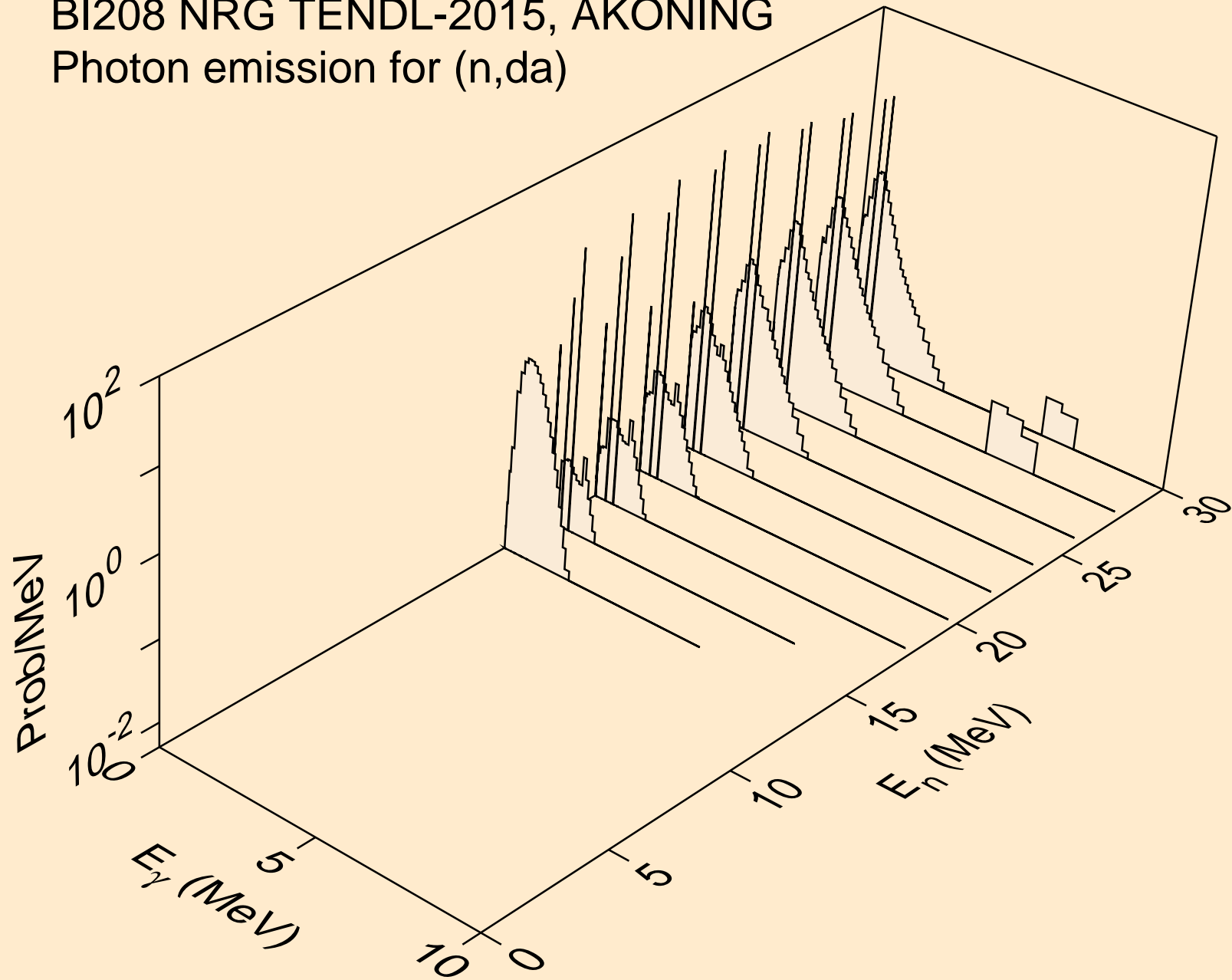




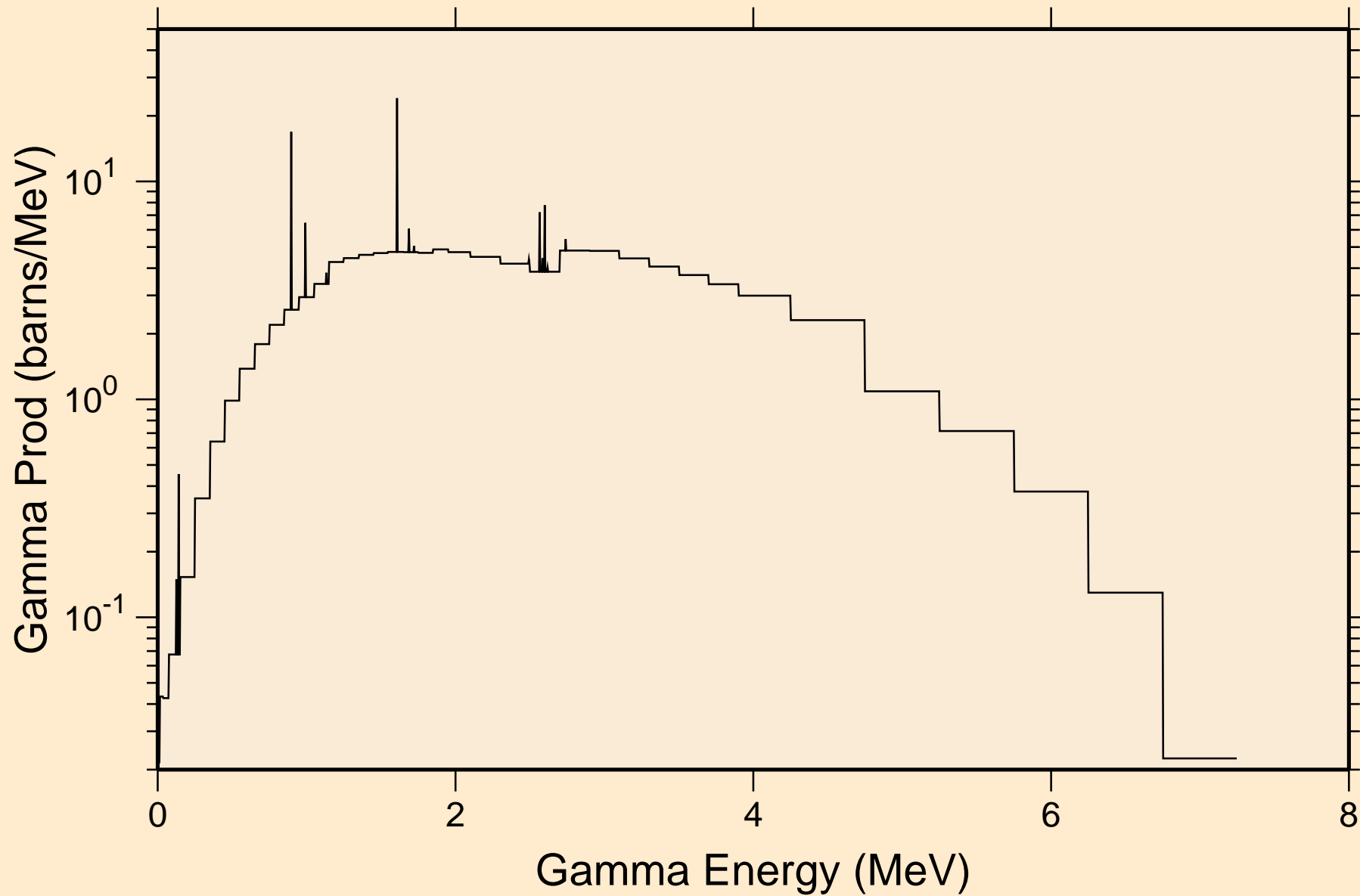
BI208 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



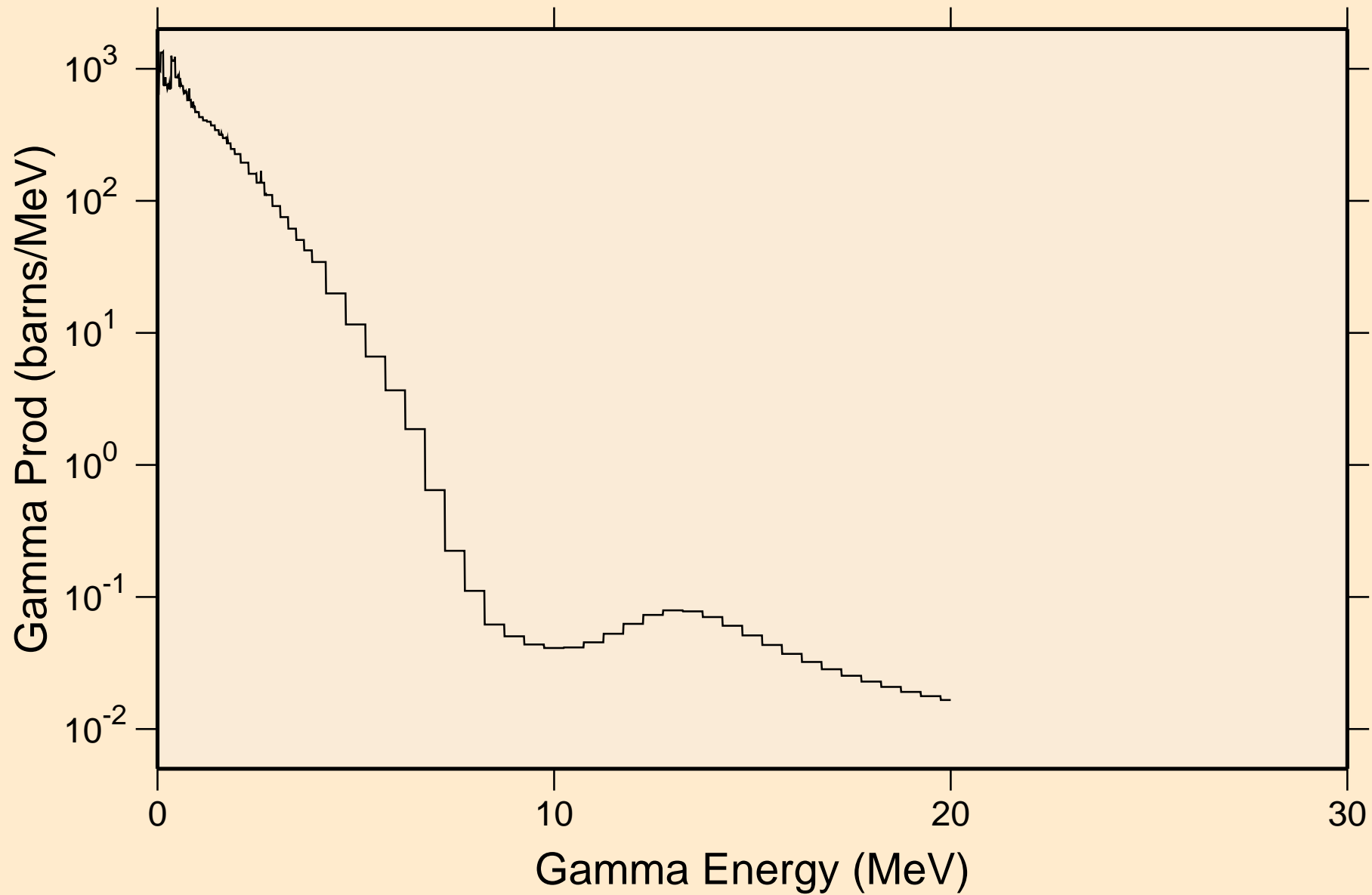
BI208 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



BI208 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

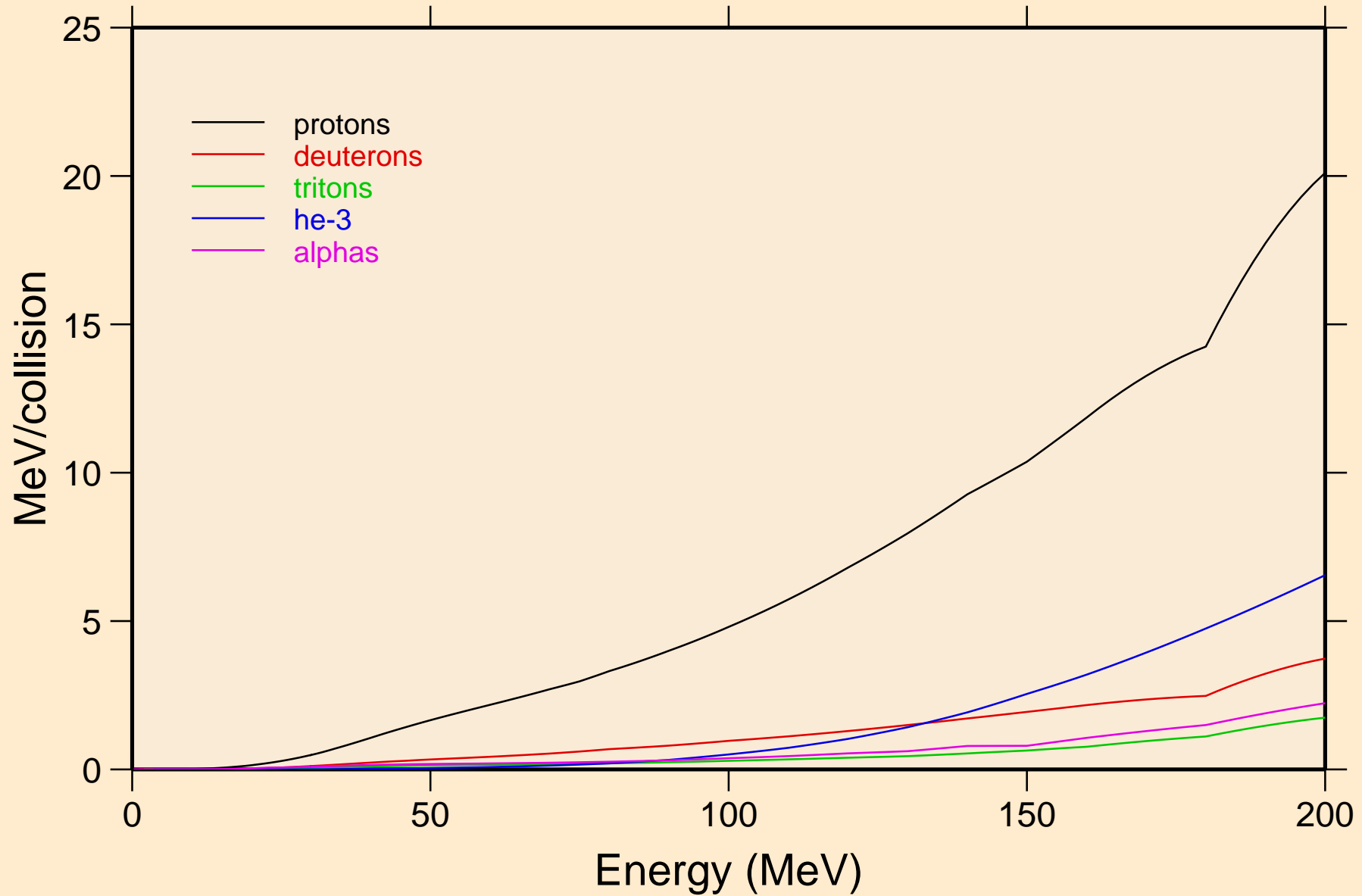


BI208 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



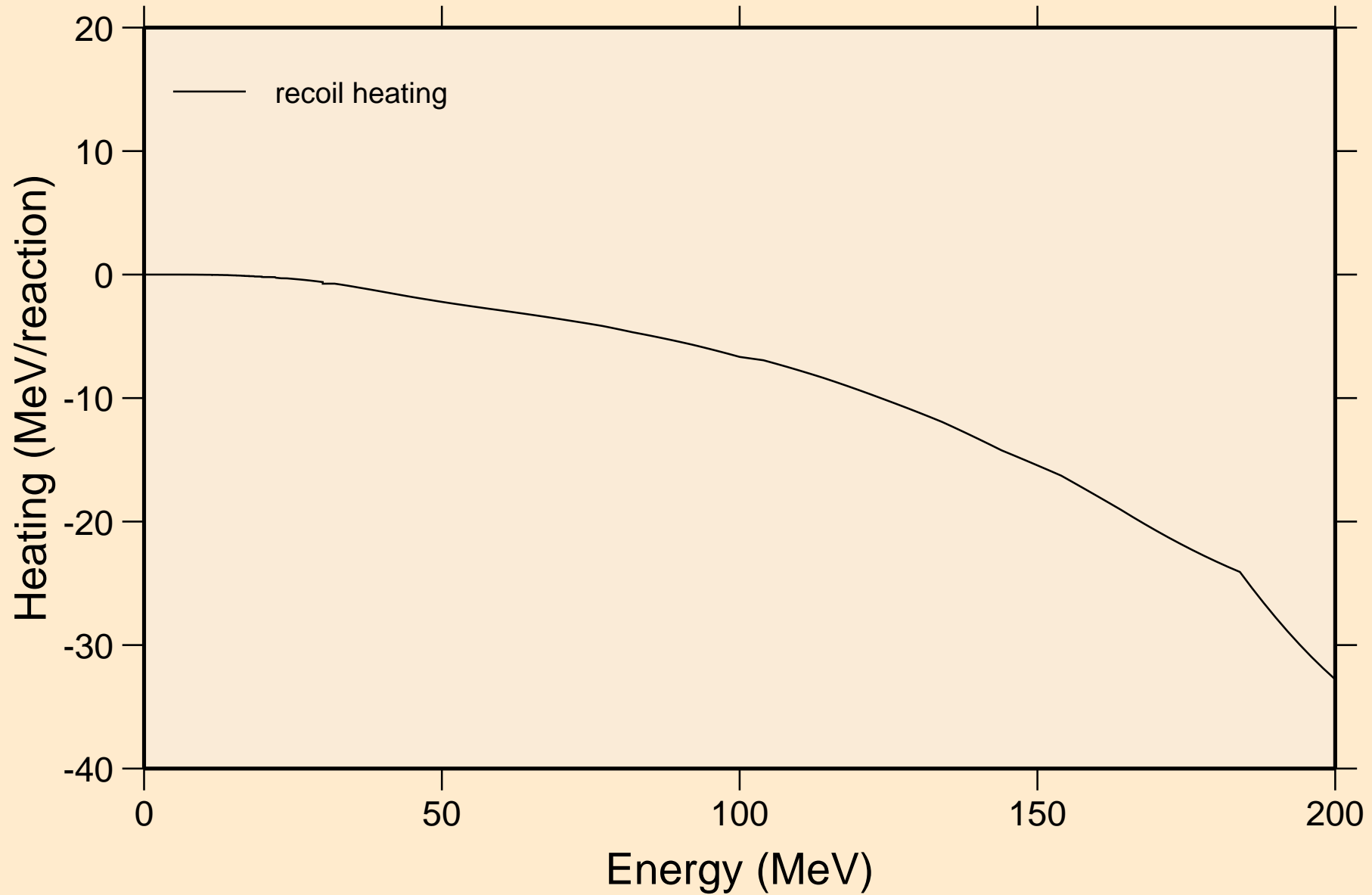
# BI208 NRG TENDL-2015, AKONING

## Particle heating contributions



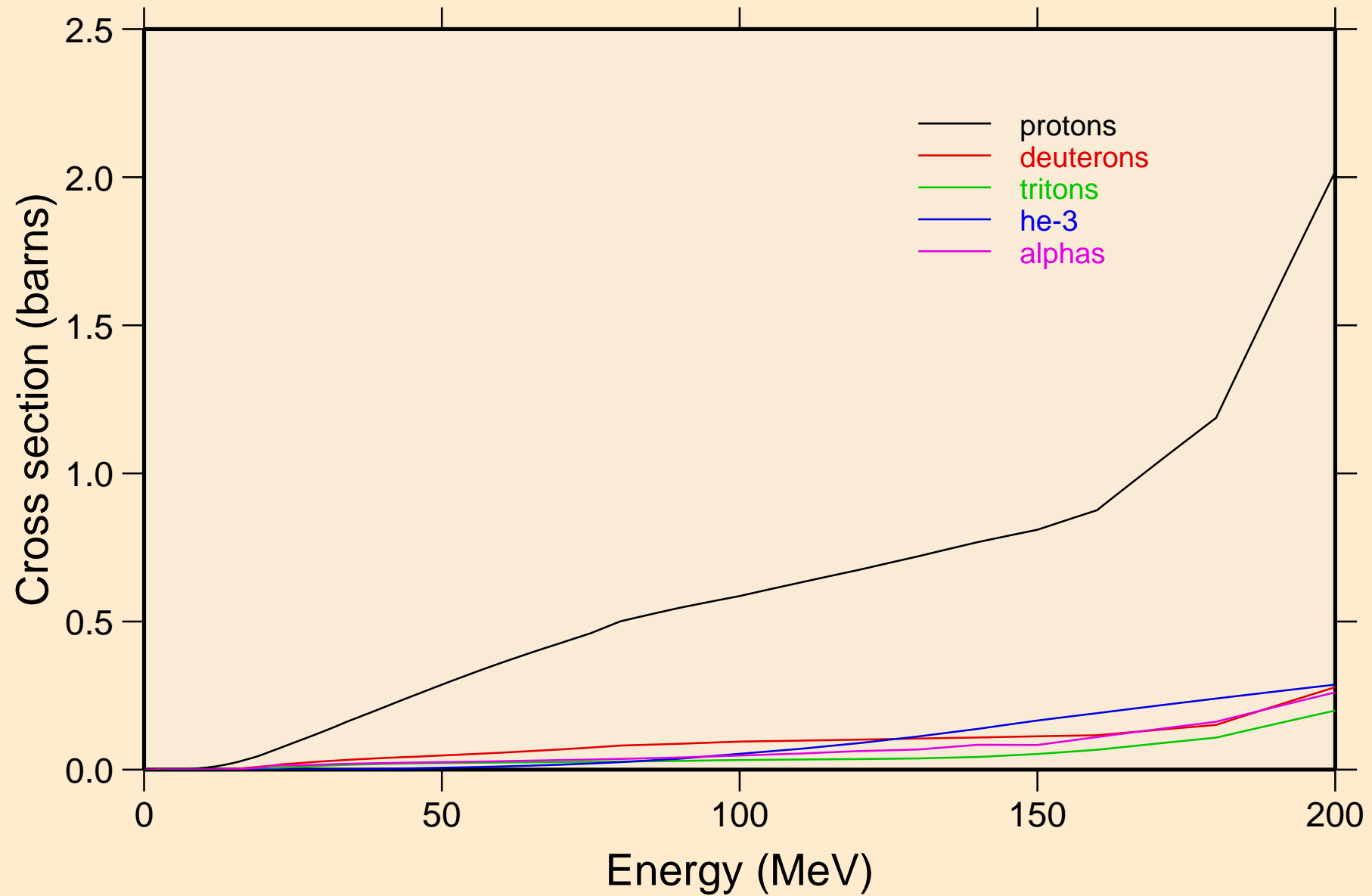
# BI208 NRG TENDL-2015, AKONING

## Recoil Heating

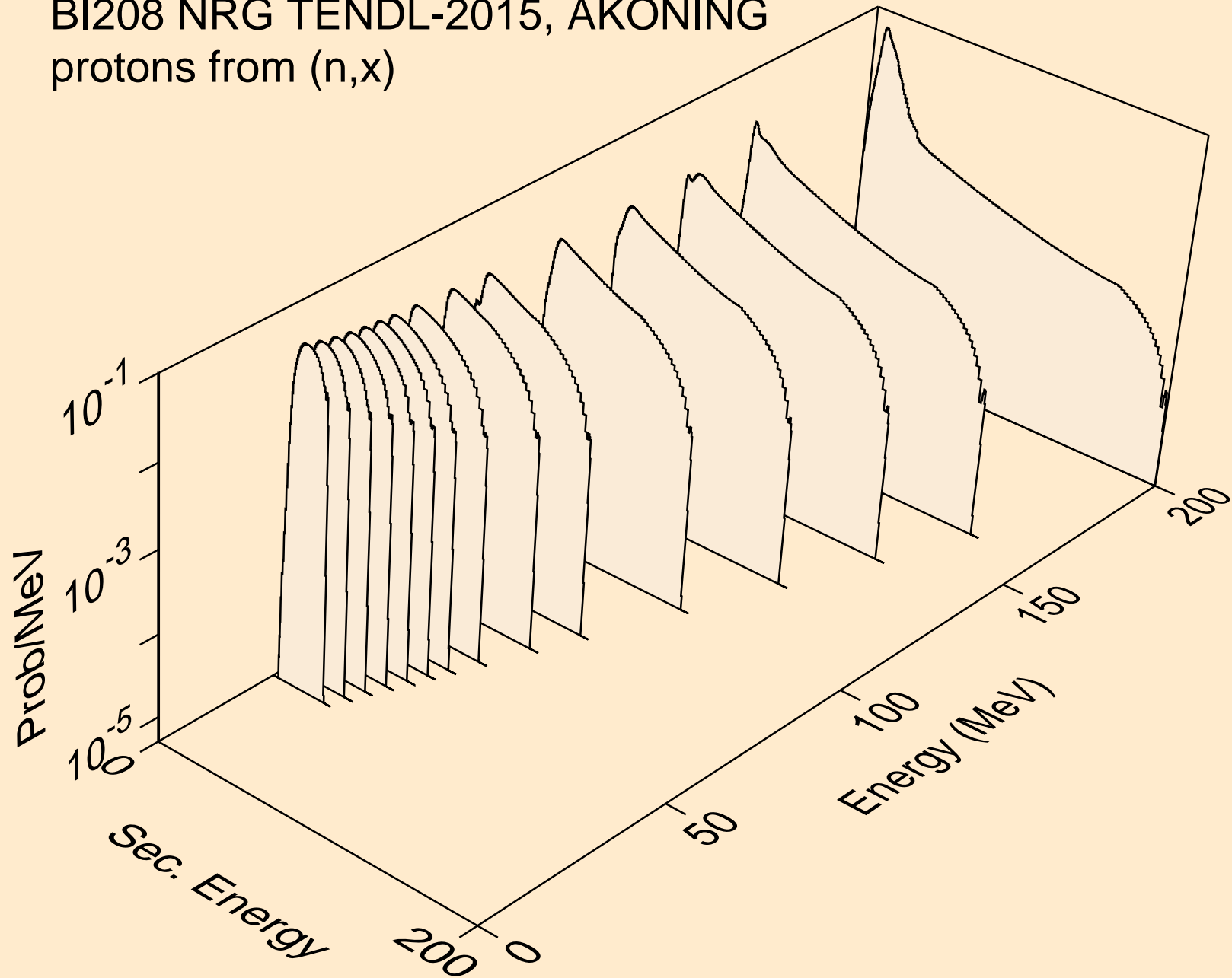


# BI208 NRG TENDL-2015, AKONING

## Particle production cross sections

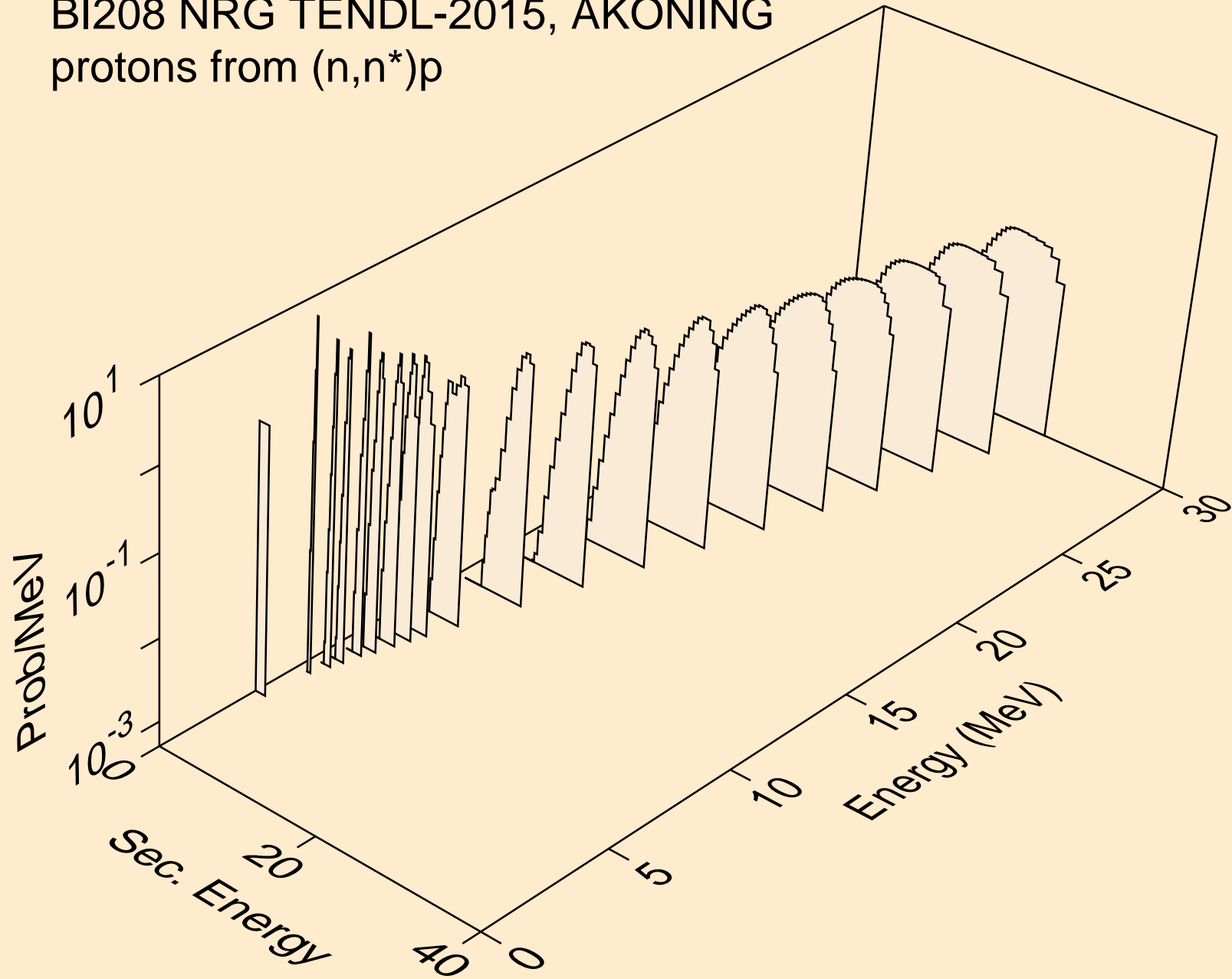


BI208 NRG TENDL-2015, AKONING  
protons from (n,x)

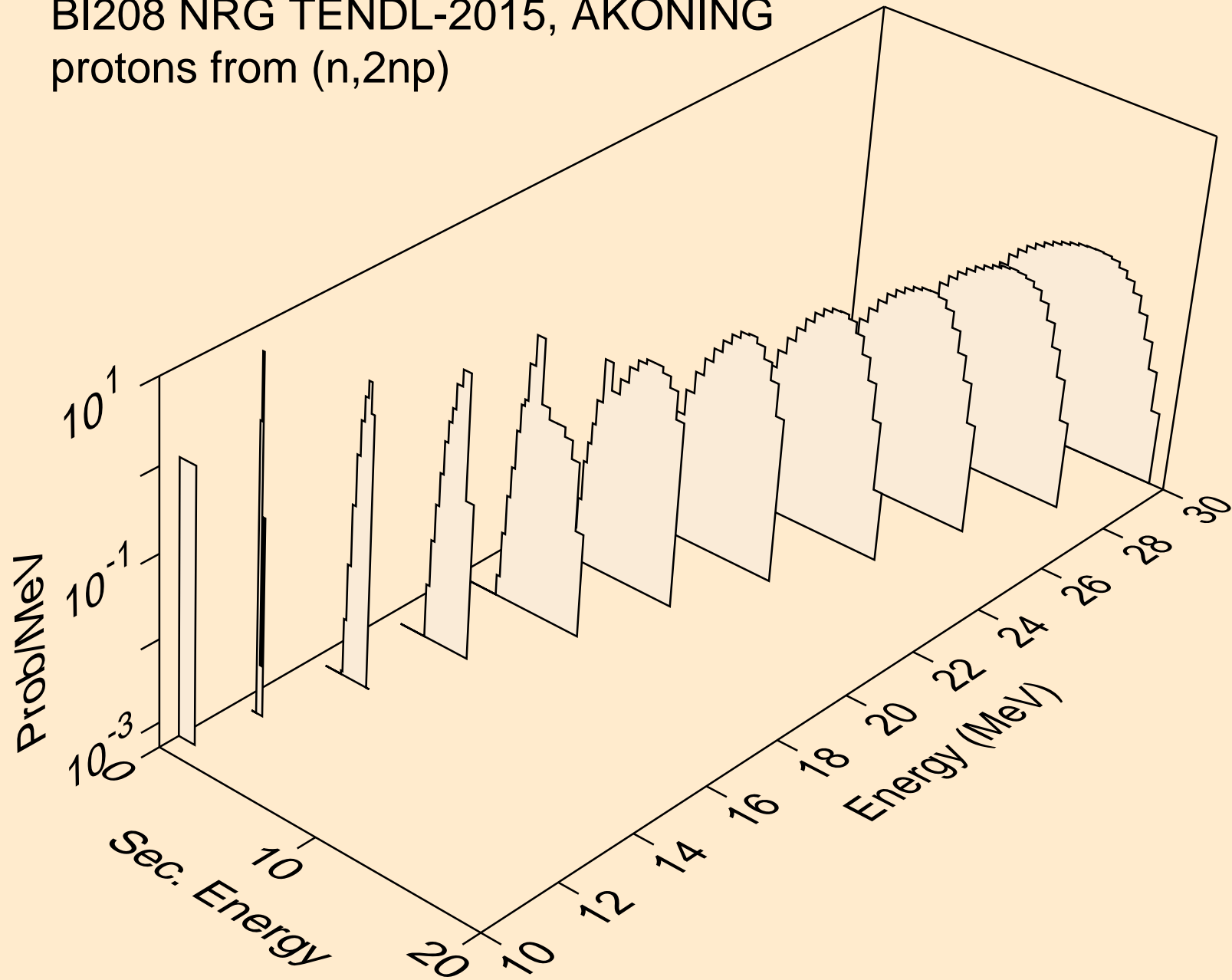




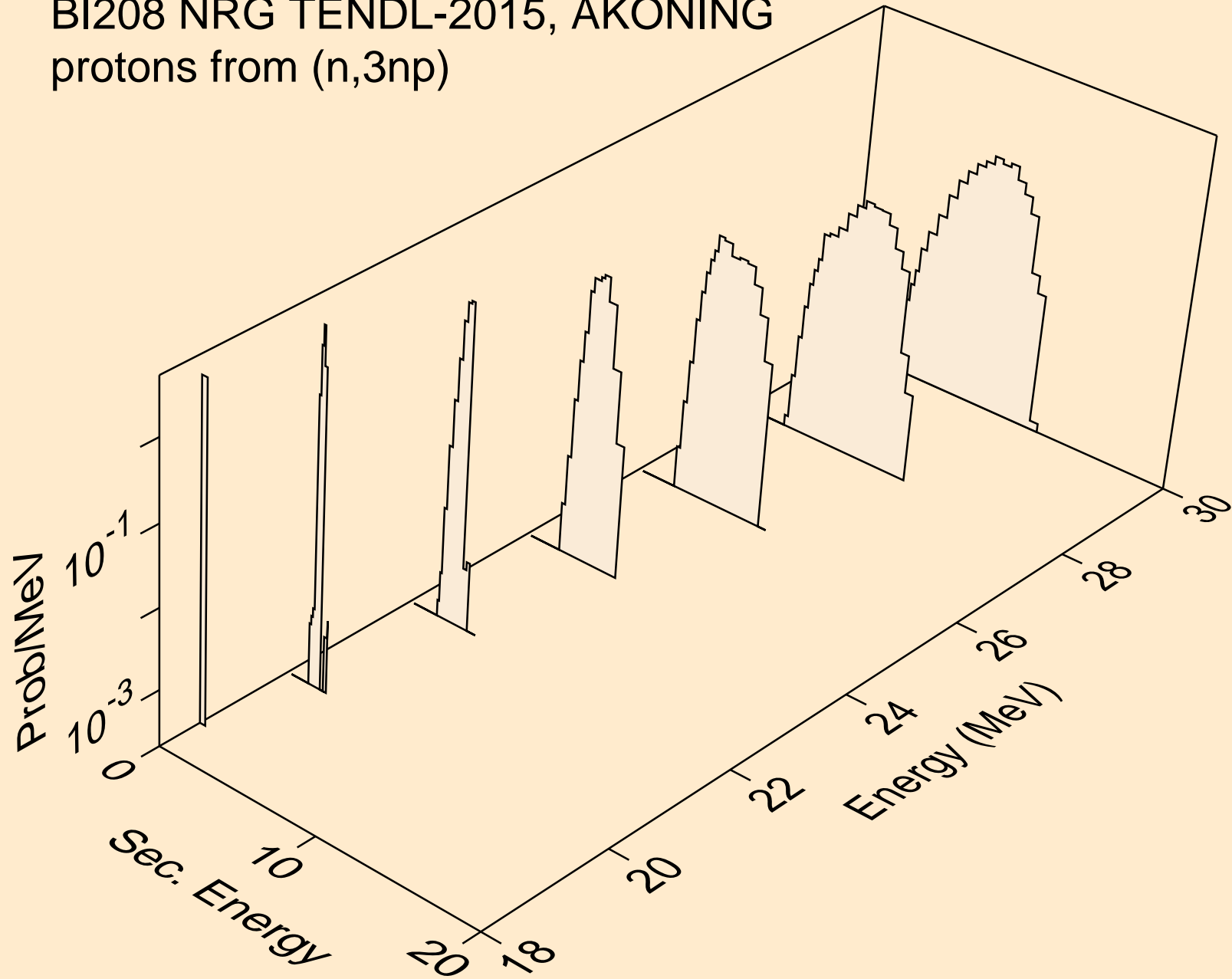
BI208 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



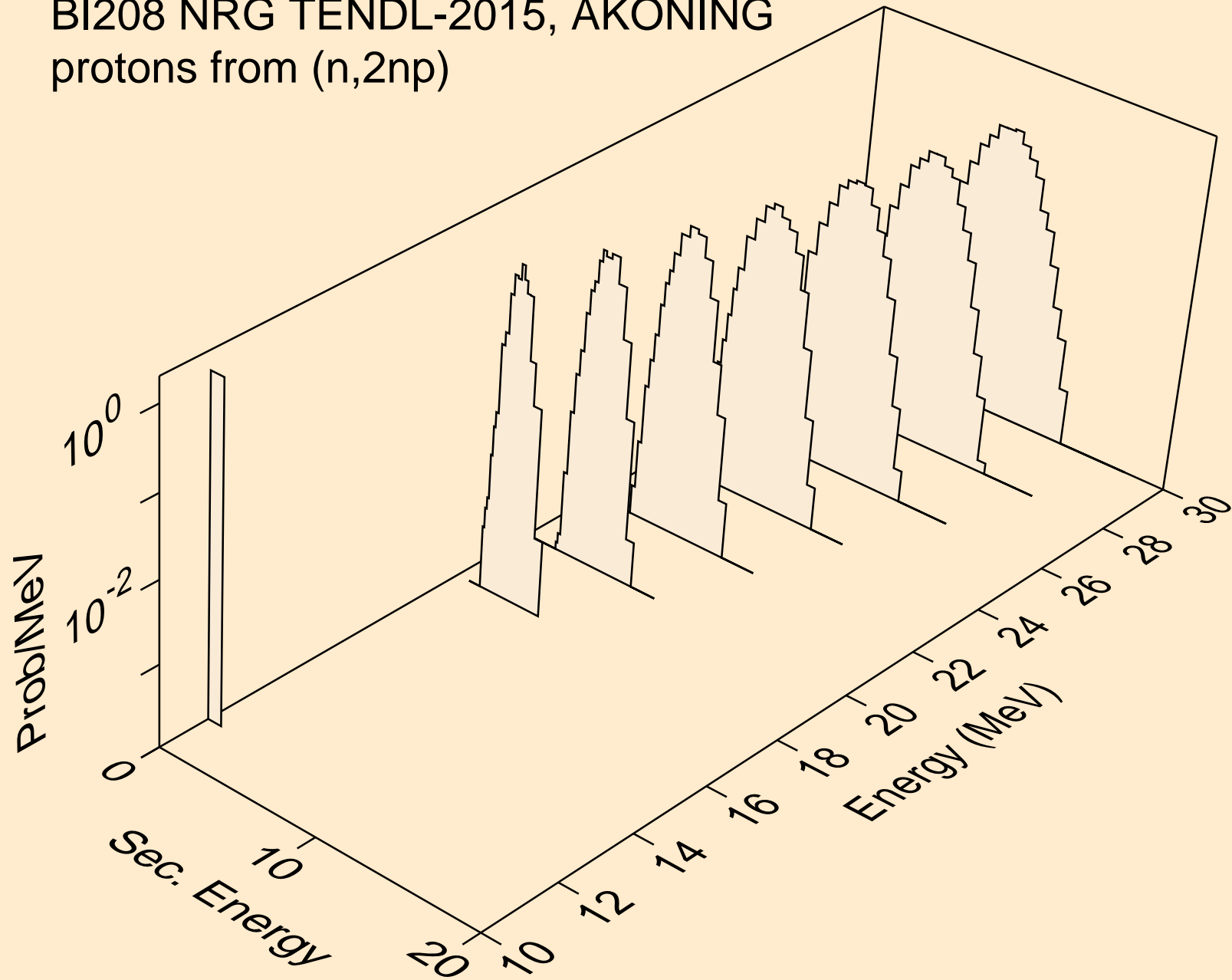
BI208 NRG TENDL-2015, AKONING  
protons from (n,2np)



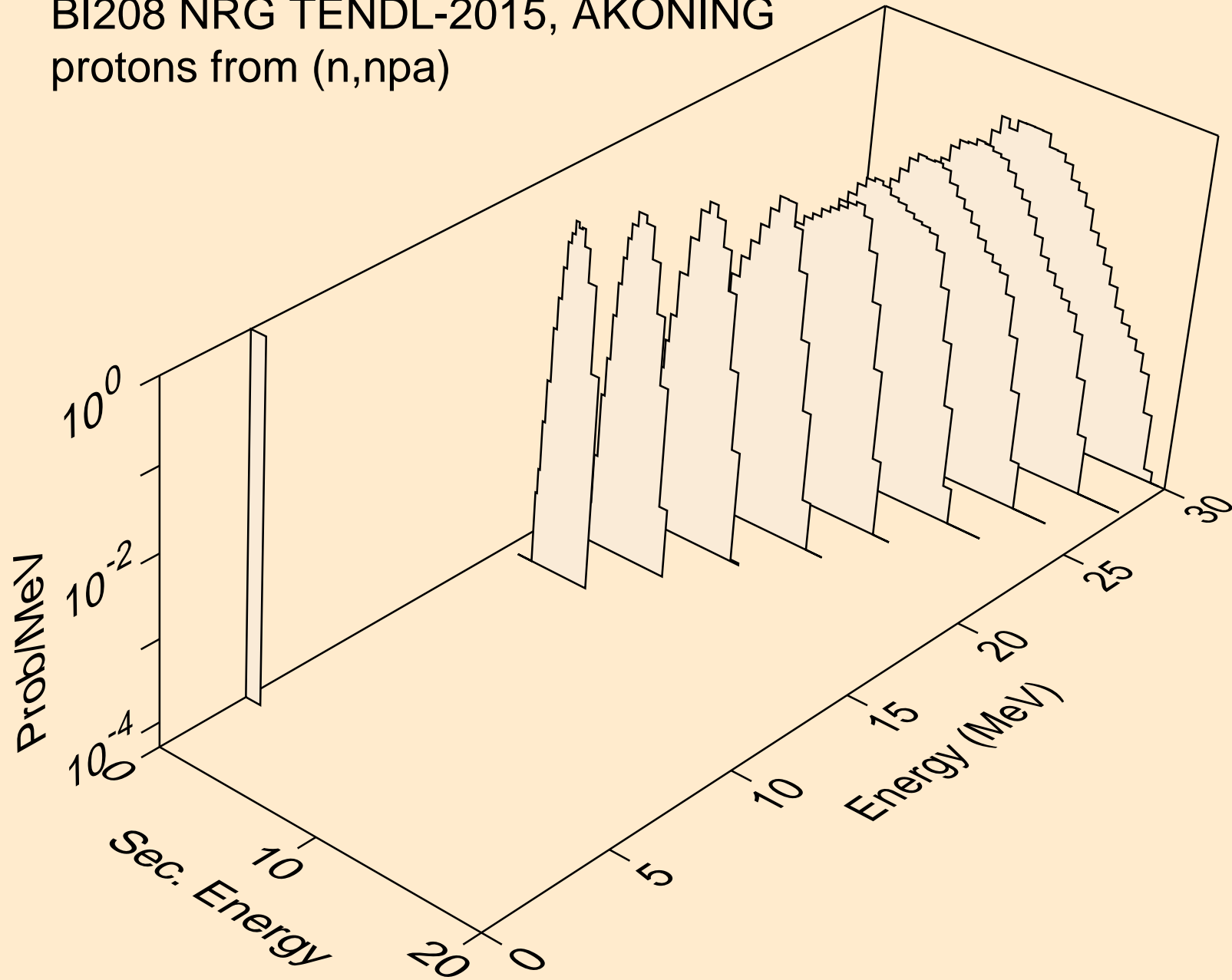
BI208 NRG TENDL-2015, AKONING  
protons from (n,3np)



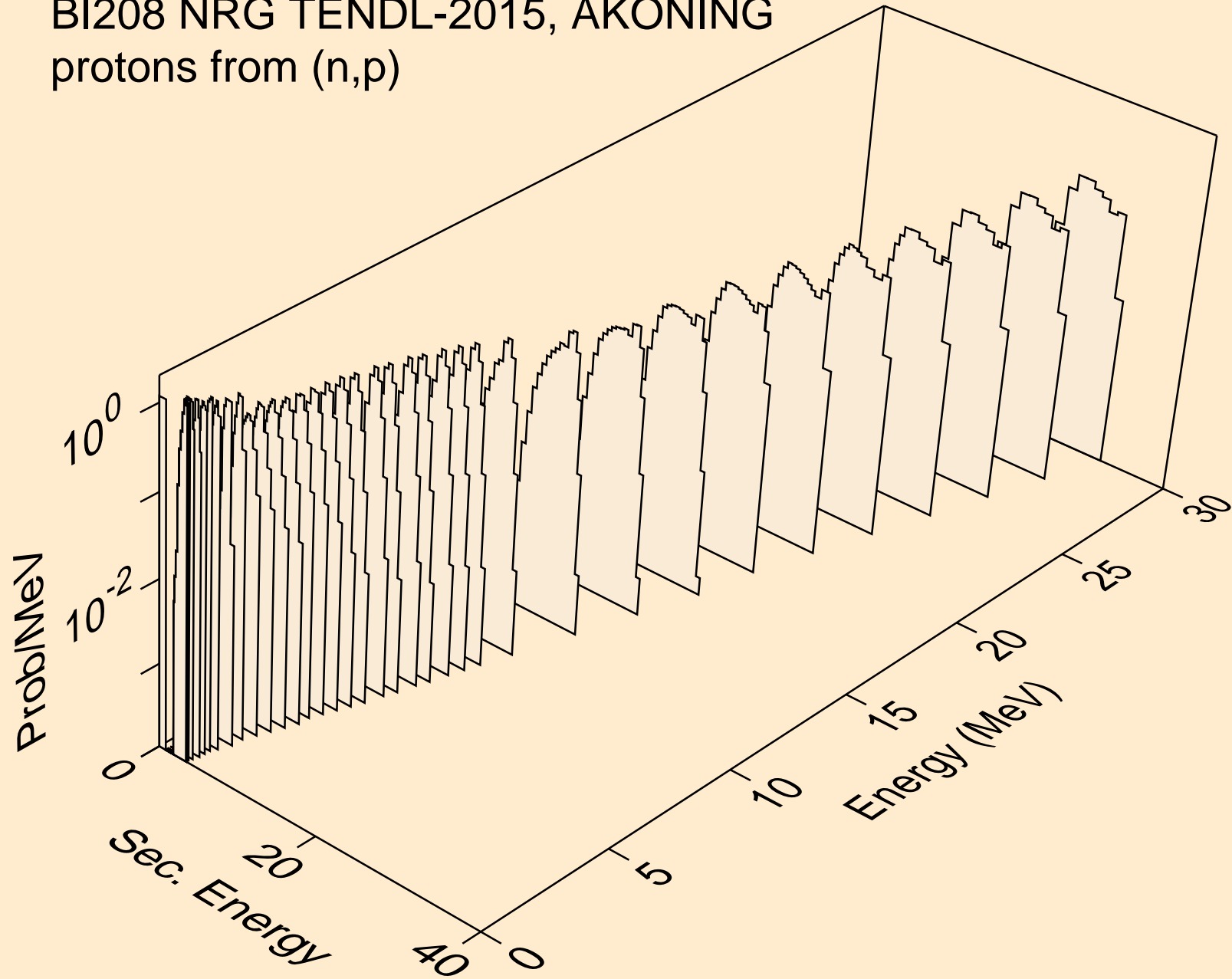
BI208 NRG TENDL-2015, AKONING  
protons from (n,2np)



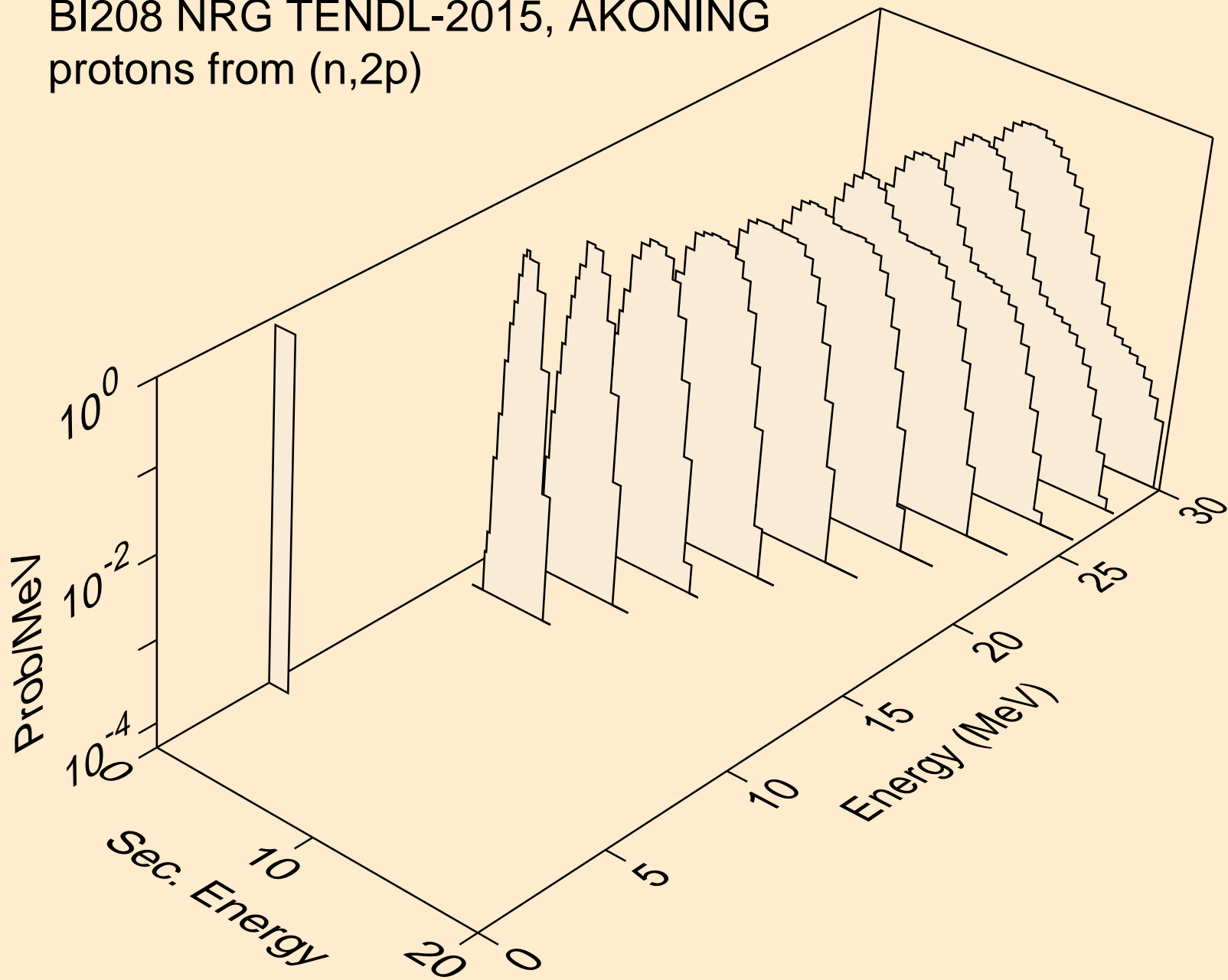
BI208 NRG TENDL-2015, AKONING  
protons from (n,npa)



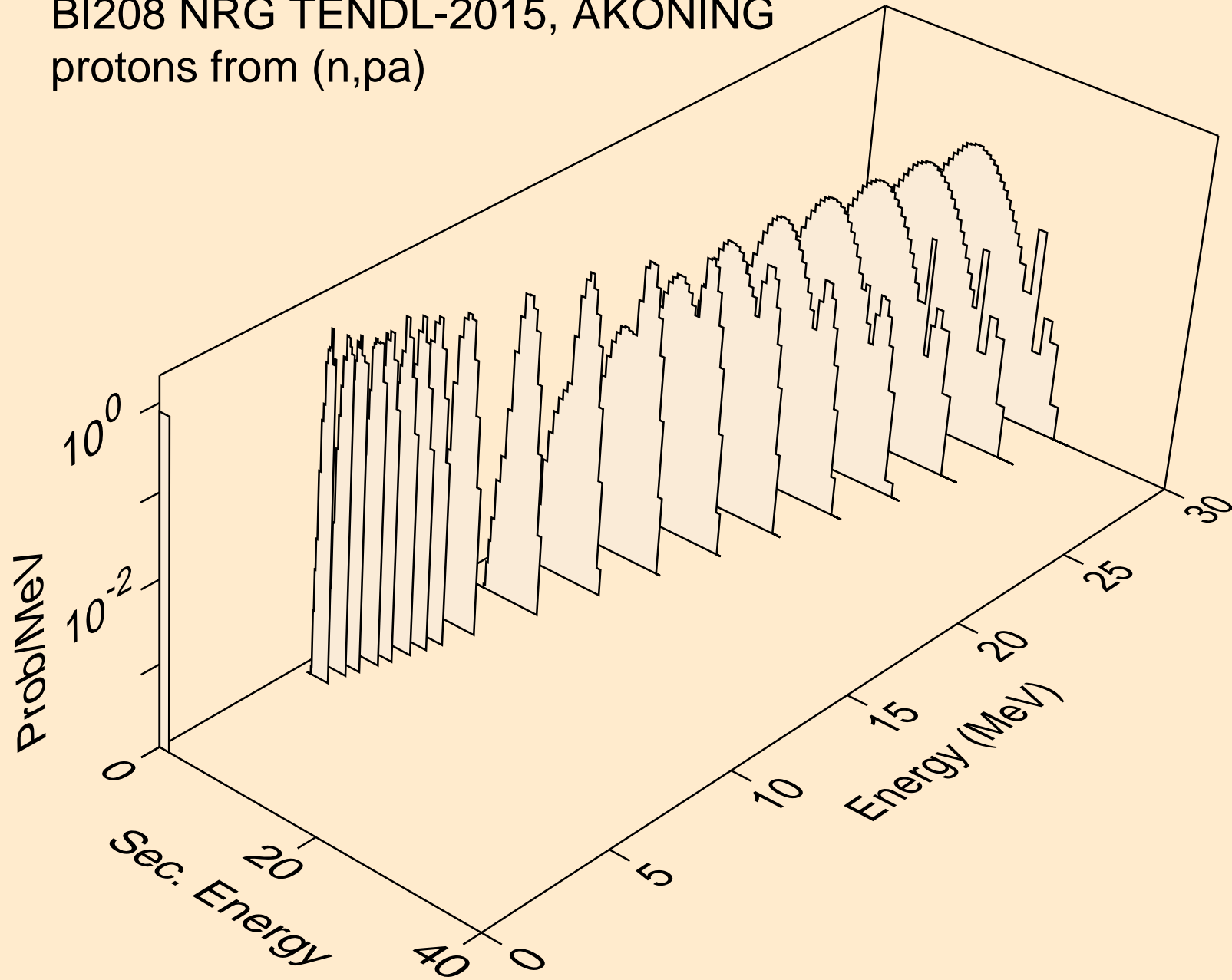
BI208 NRG TENDL-2015, AKONING  
protons from (n,p)



BI208 NRG TENDL-2015, AKONING  
protons from (n,2p)

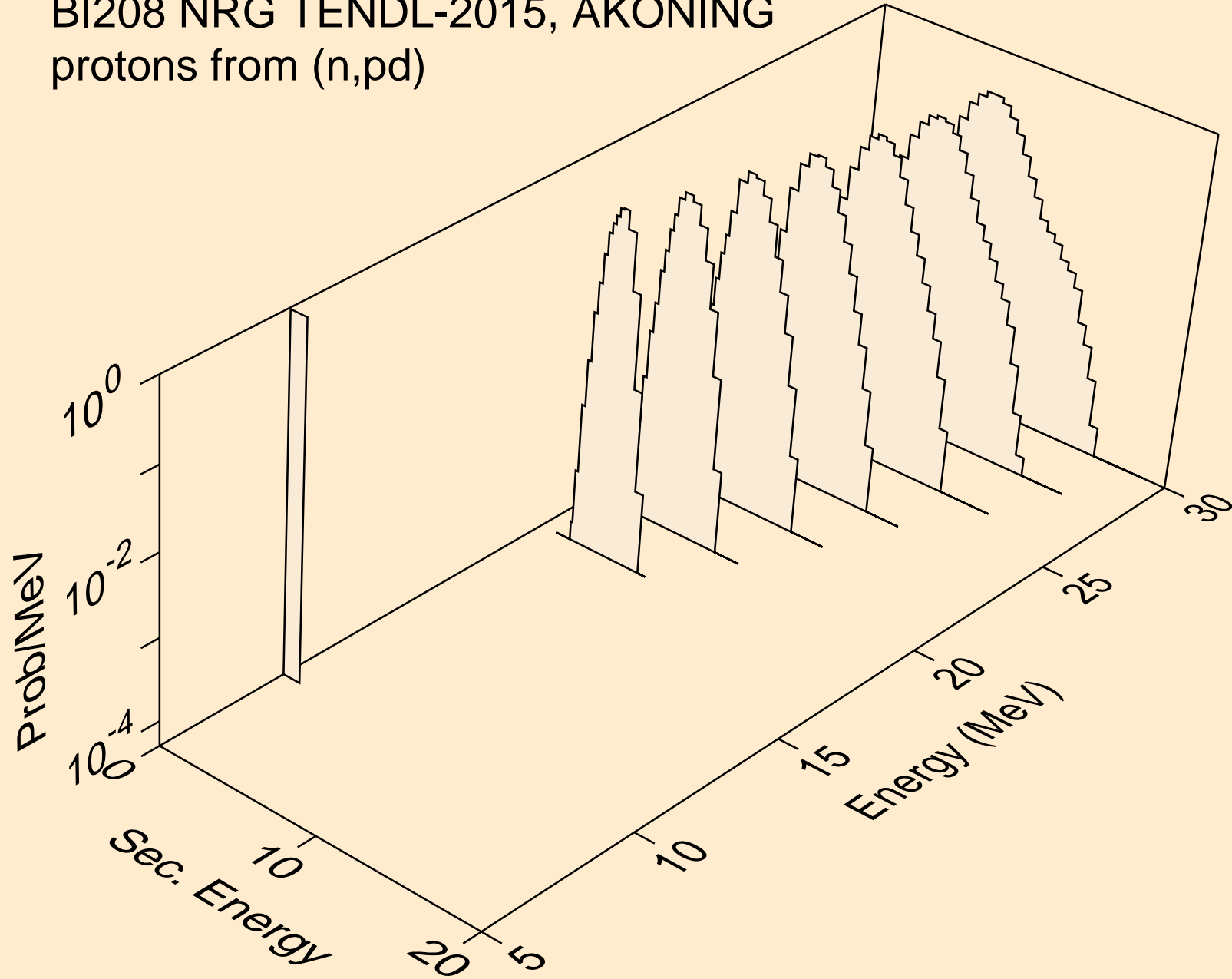


BI208 NRG TENDL-2015, AKONING  
protons from (n,pa)

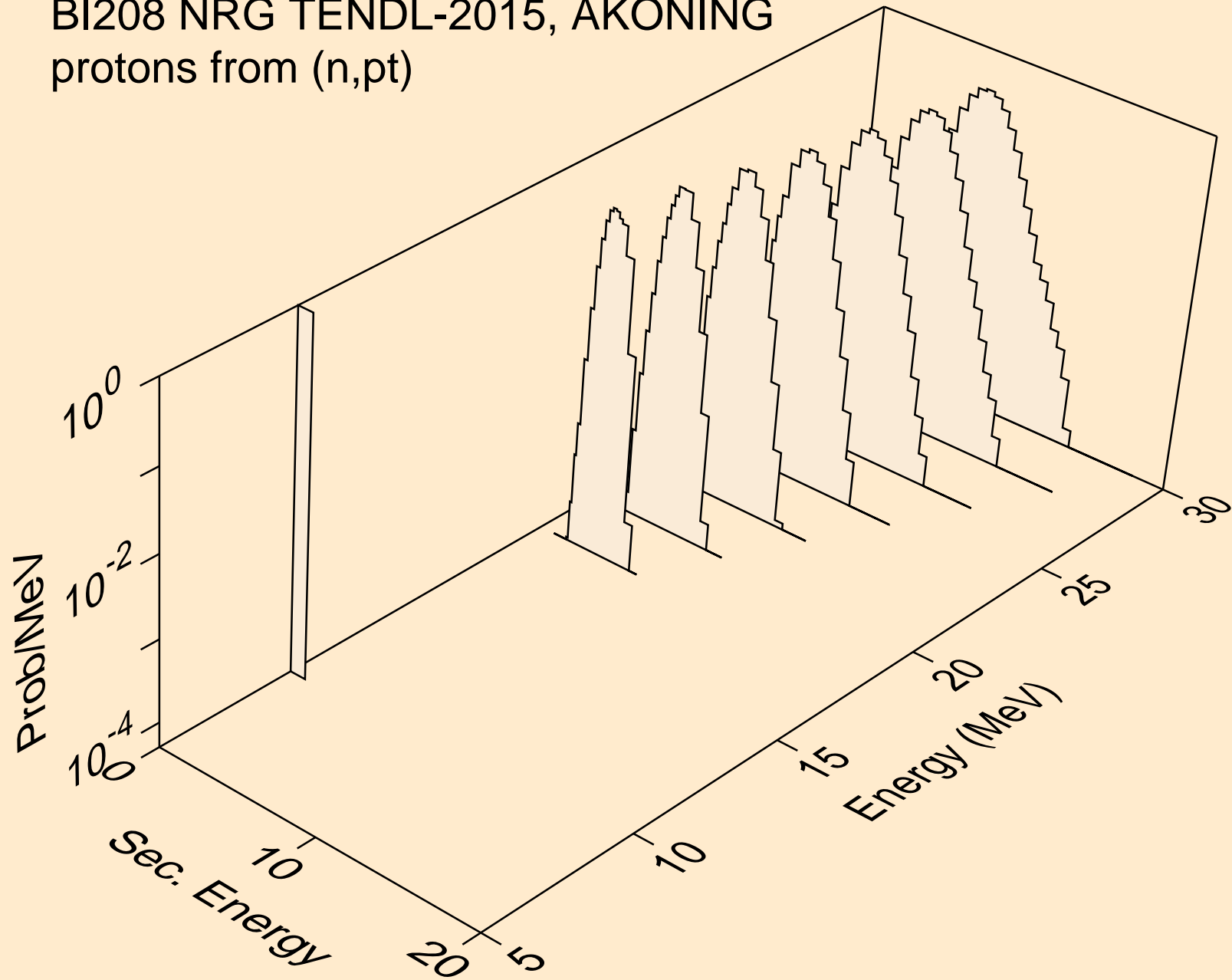




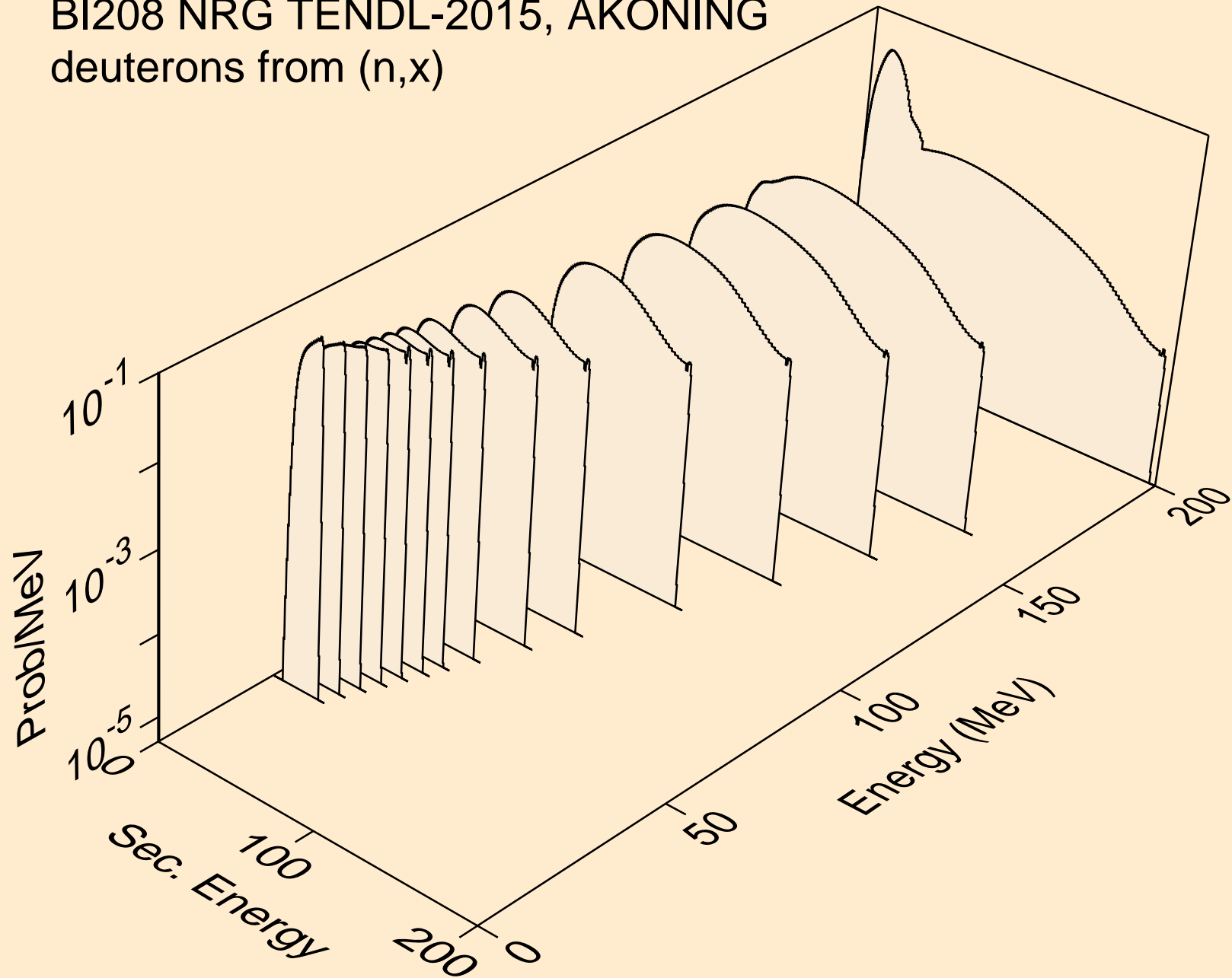
BI208 NRG TENDL-2015, AKONING  
protons from (n,pd)



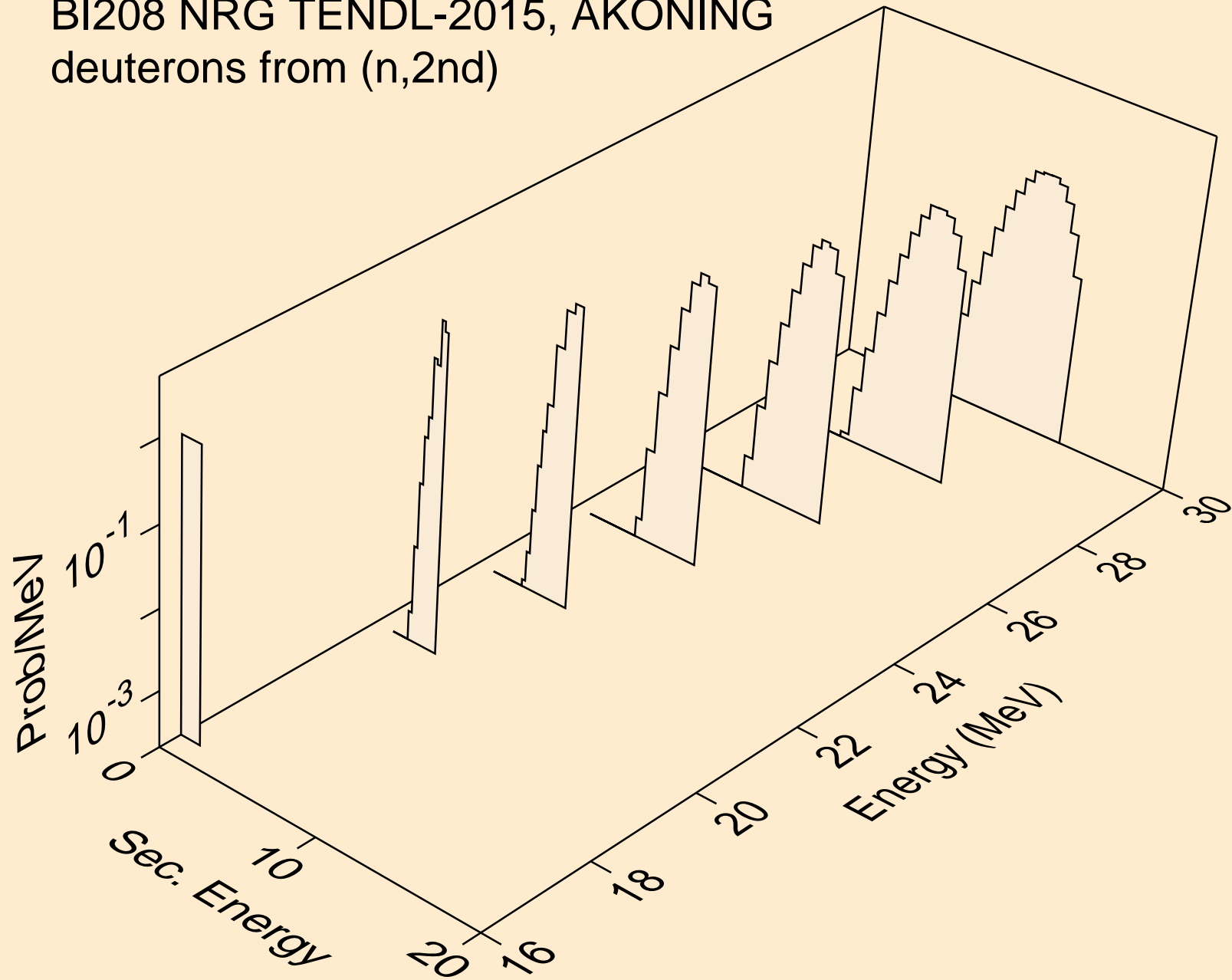
BI208 NRG TENDL-2015, AKONING  
protons from (n,pt)



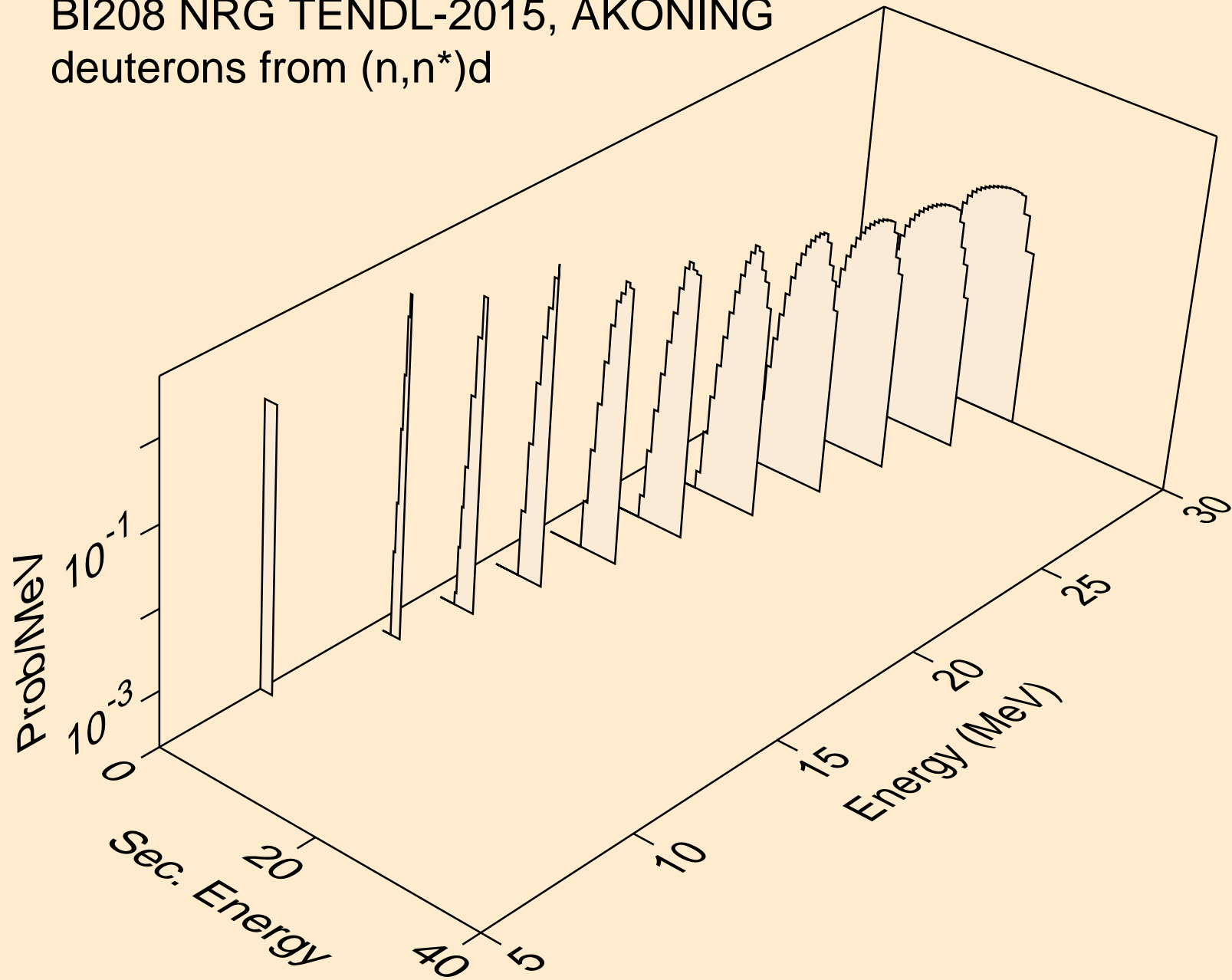
BI208 NRG TENDL-2015, AKONING  
deuterons from (n,x)



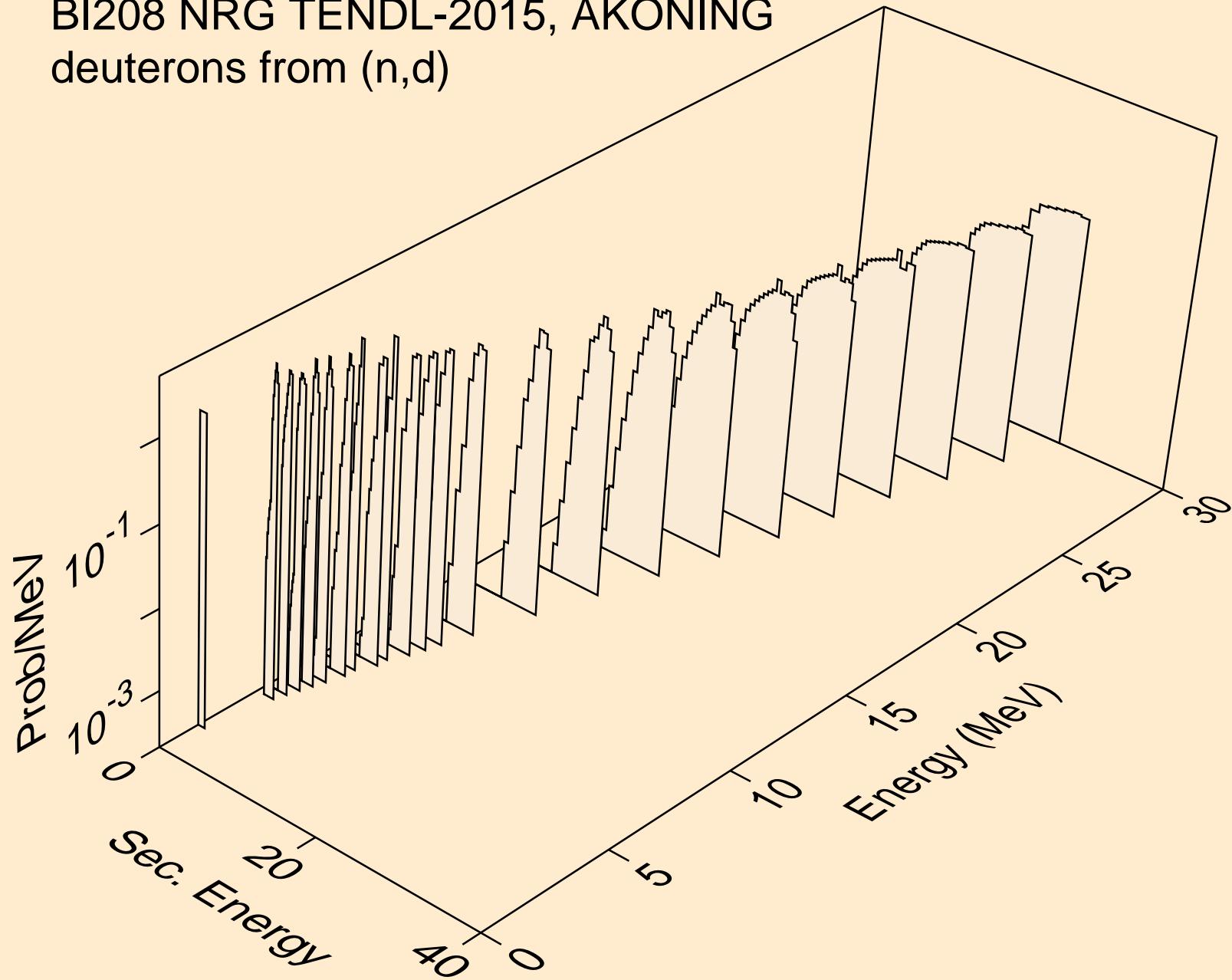
BI208 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



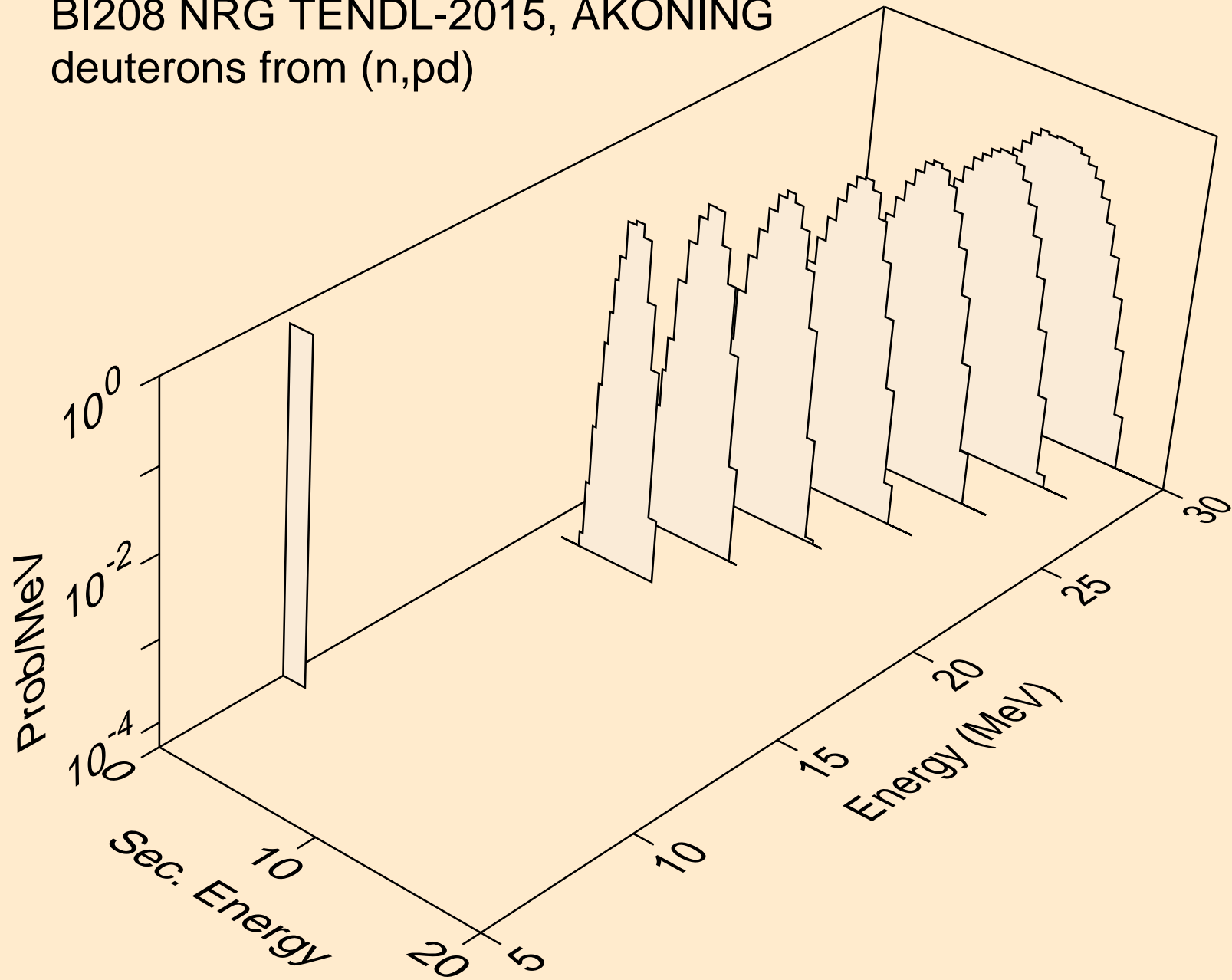
BI208 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



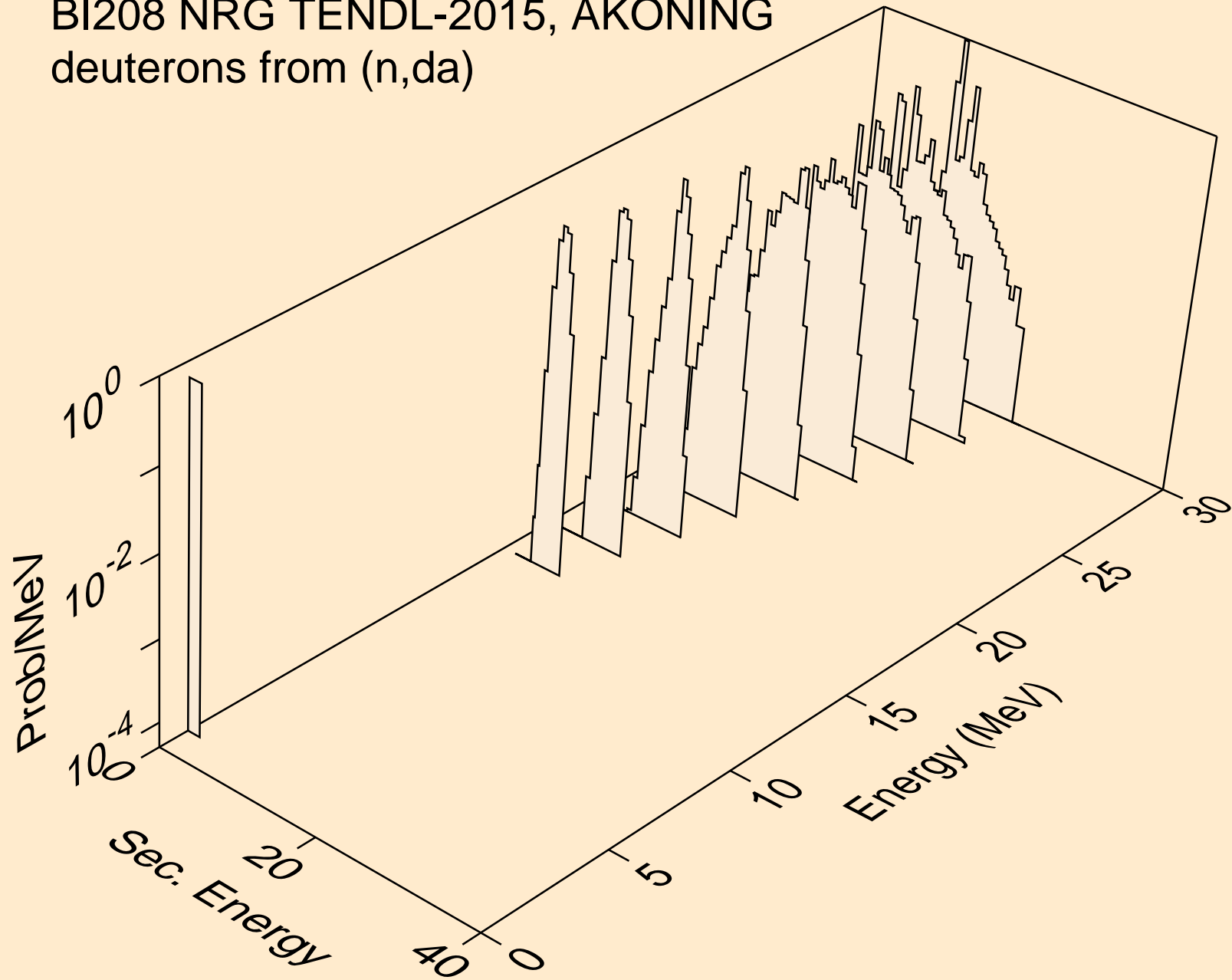
BI208 NRG TENDL-2015, AKONING  
deuterons from (n,d)



BI208 NRG TENDL-2015, AKONING  
deuterons from (n,pd)

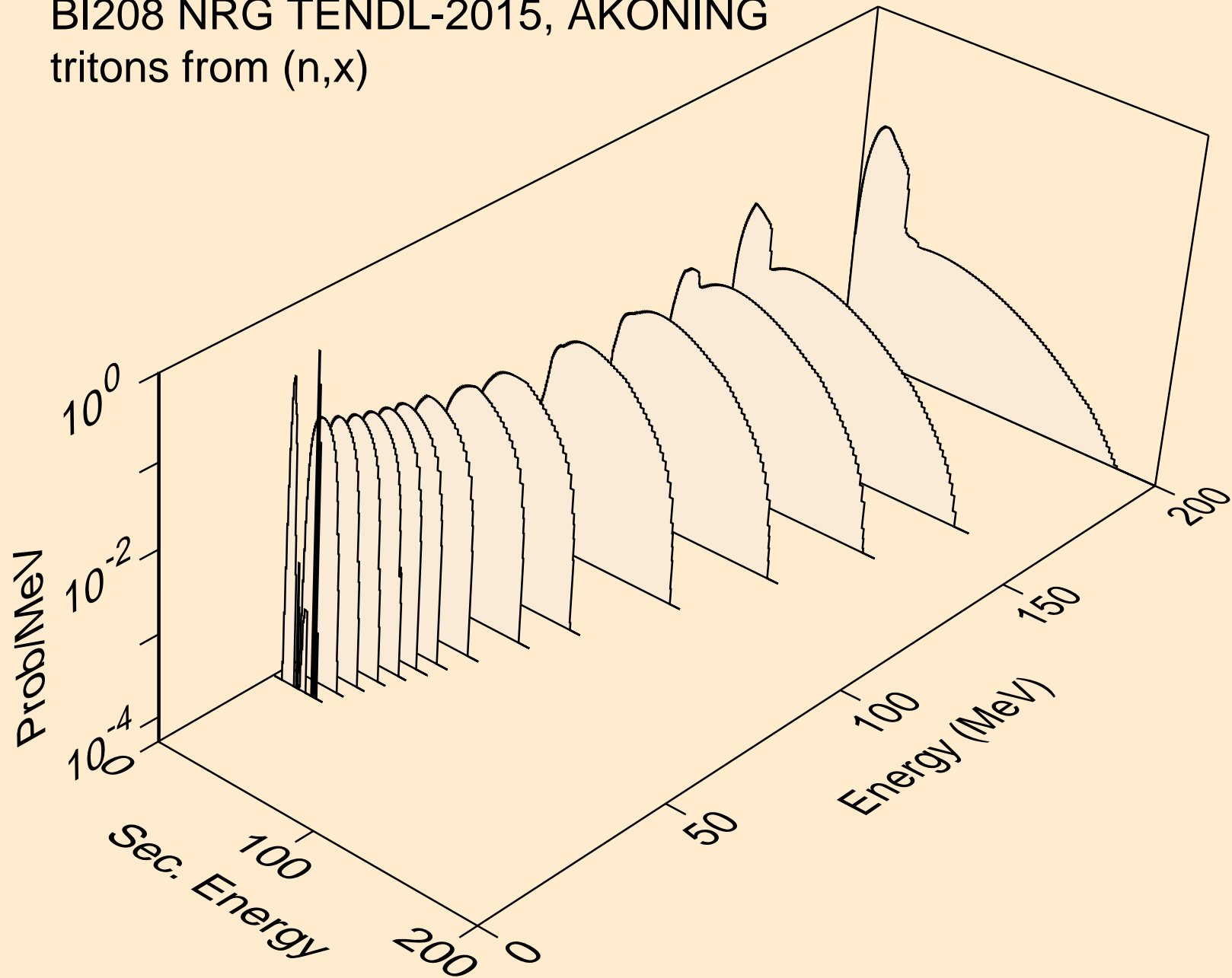


BI208 NRG TENDL-2015, AKONING  
deuterons from (n,da)

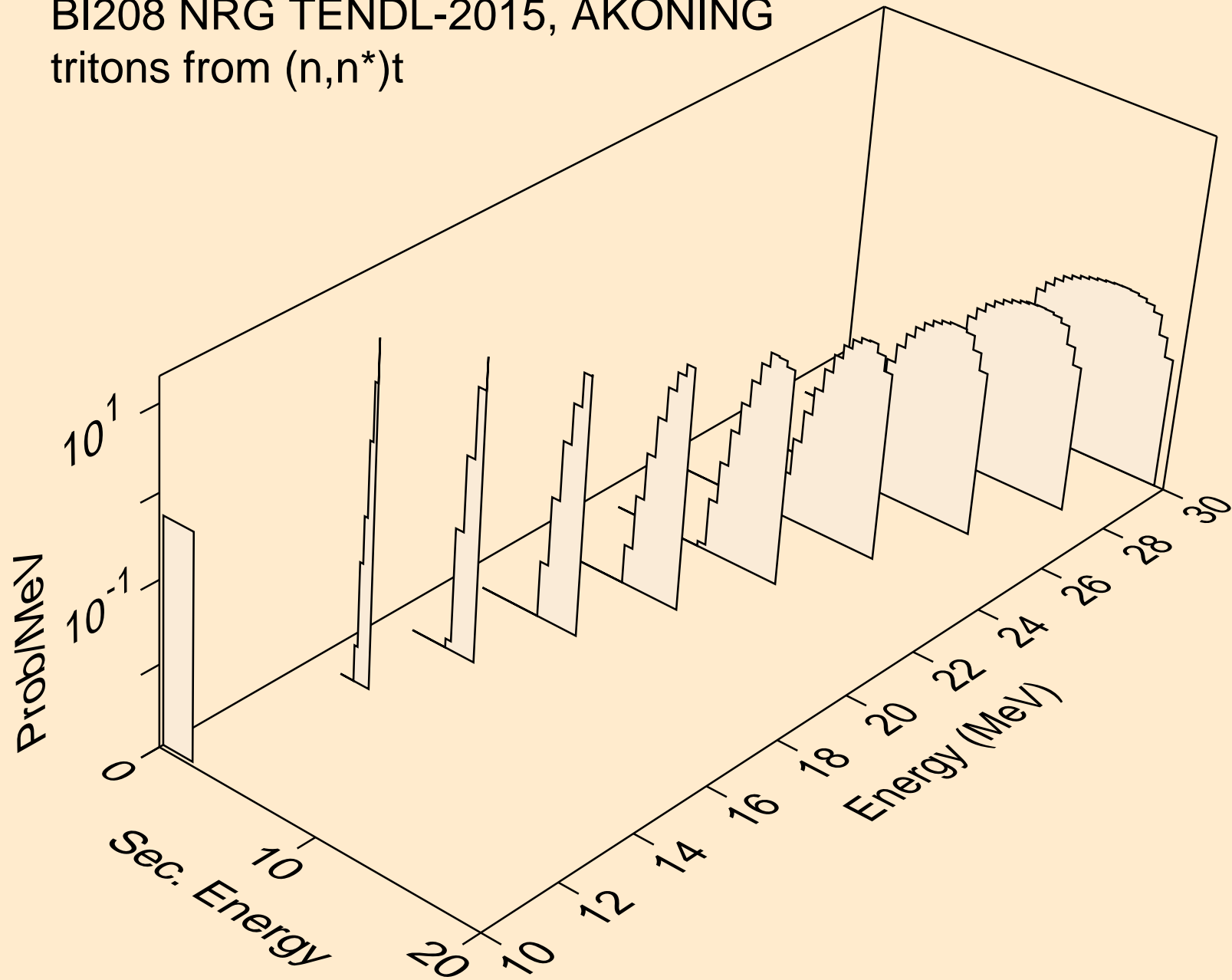




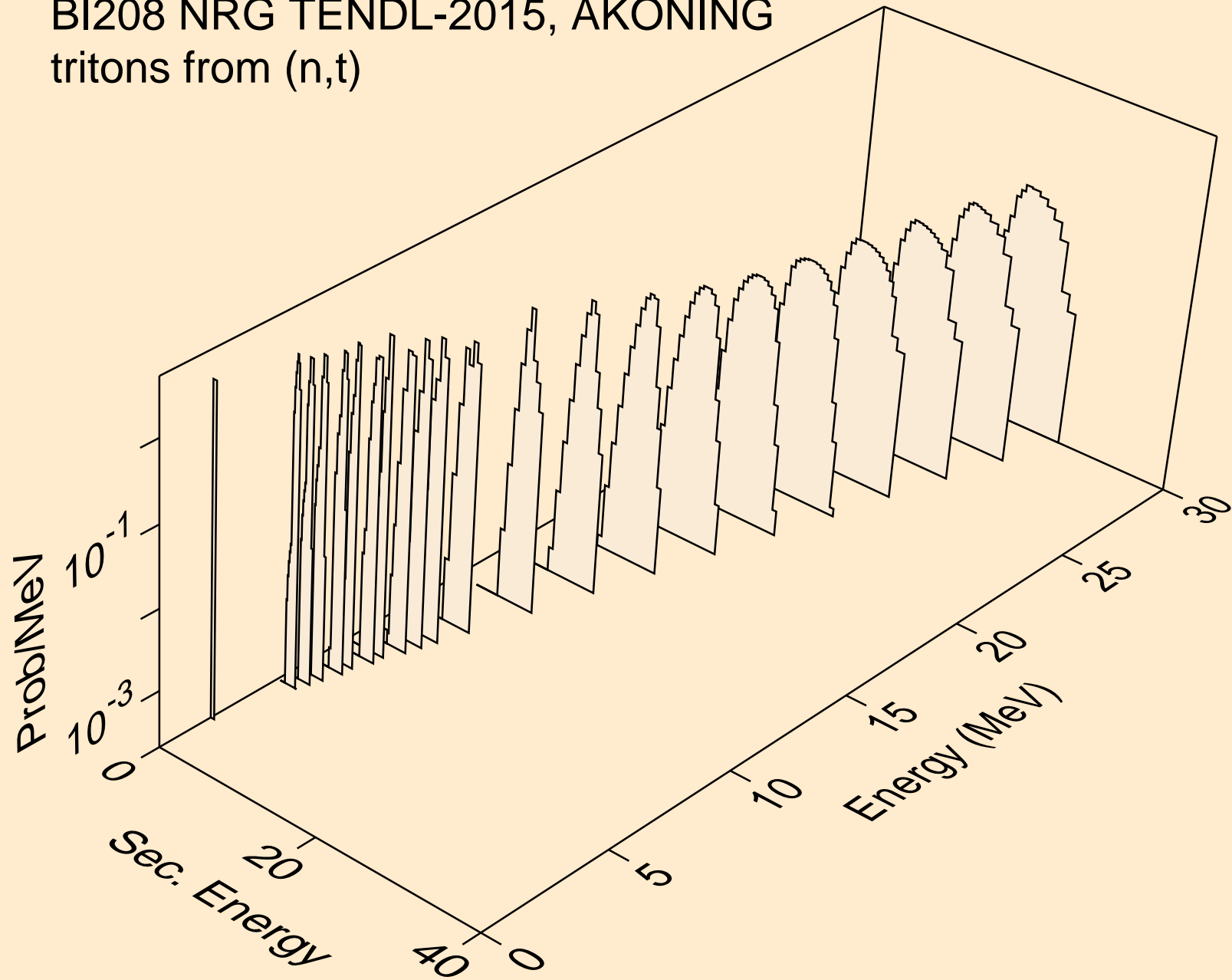
BI208 NRG TENDL-2015, AKONING  
tritons from (n,x)



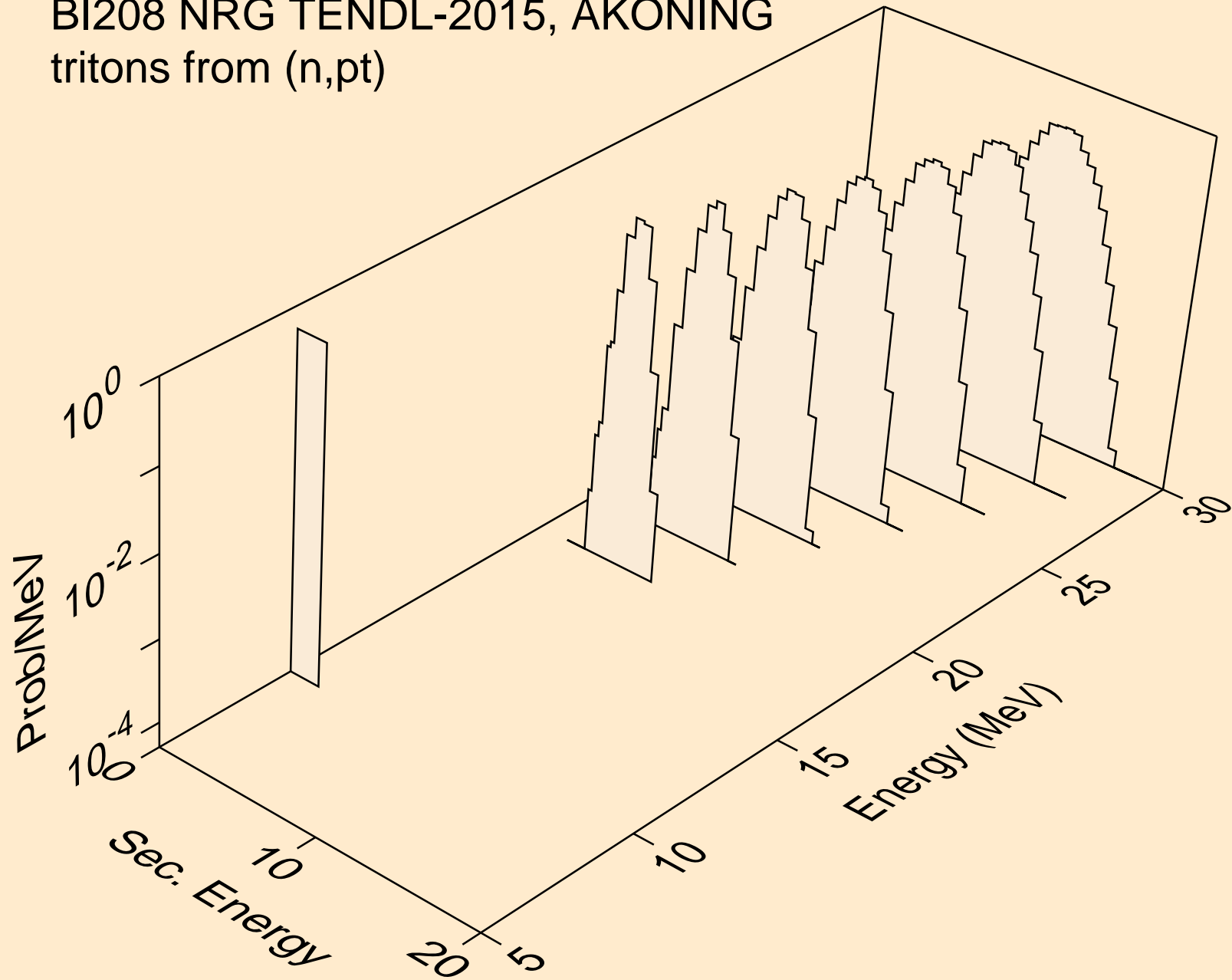
BI208 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



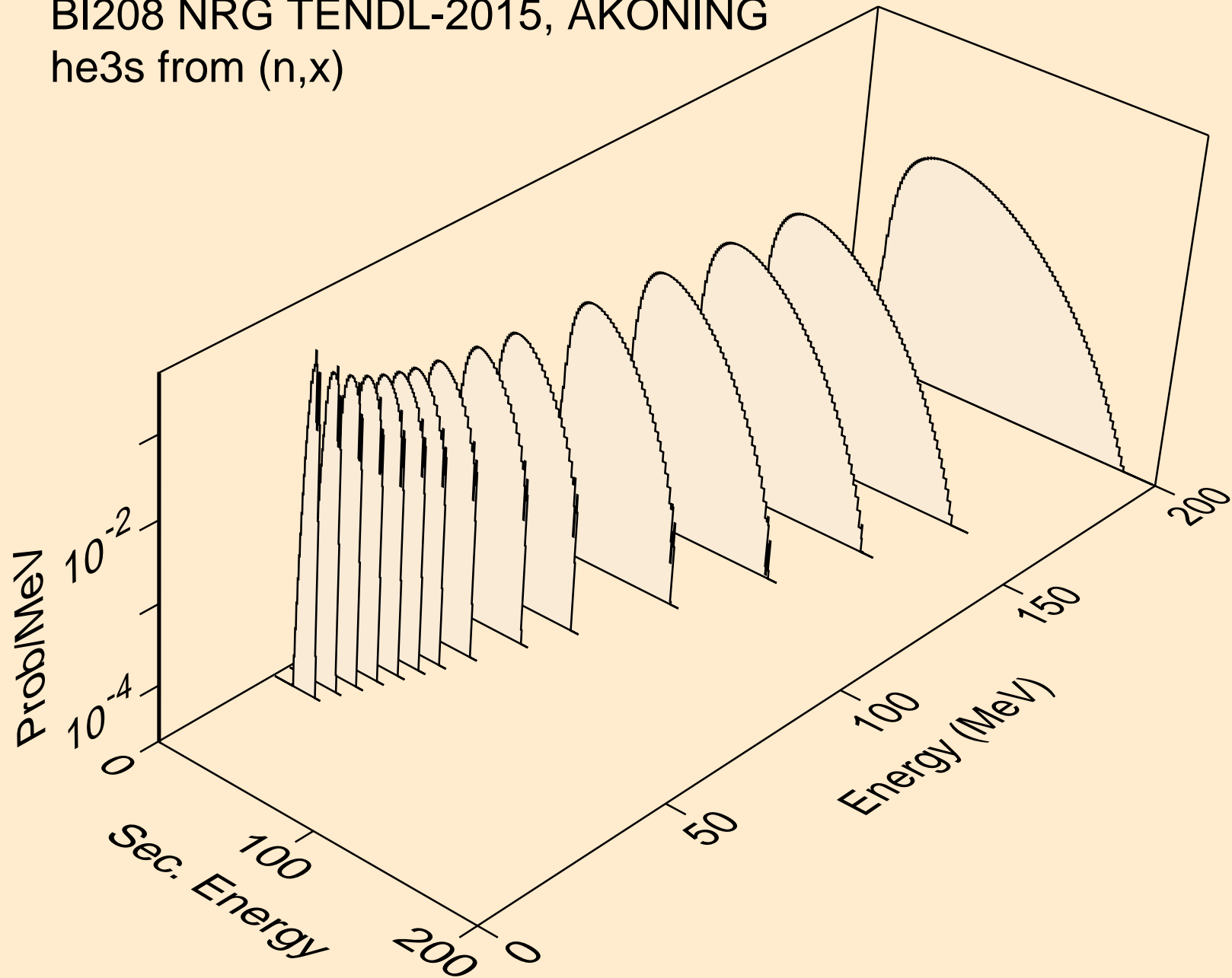
BI208 NRG TENDL-2015, AKONING  
tritons from (n,t)



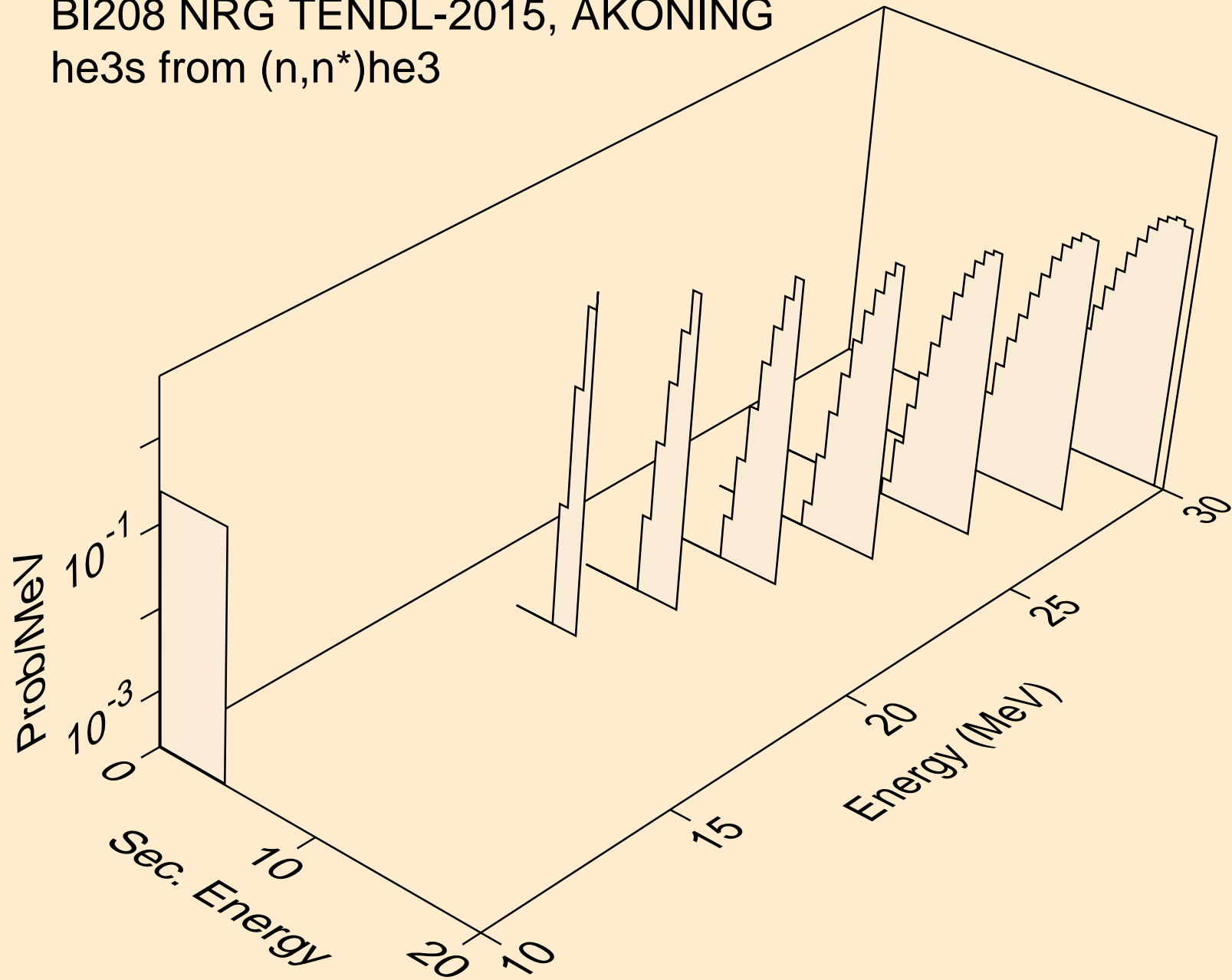
BI208 NRG TENDL-2015, AKONING  
tritons from (n,pt)



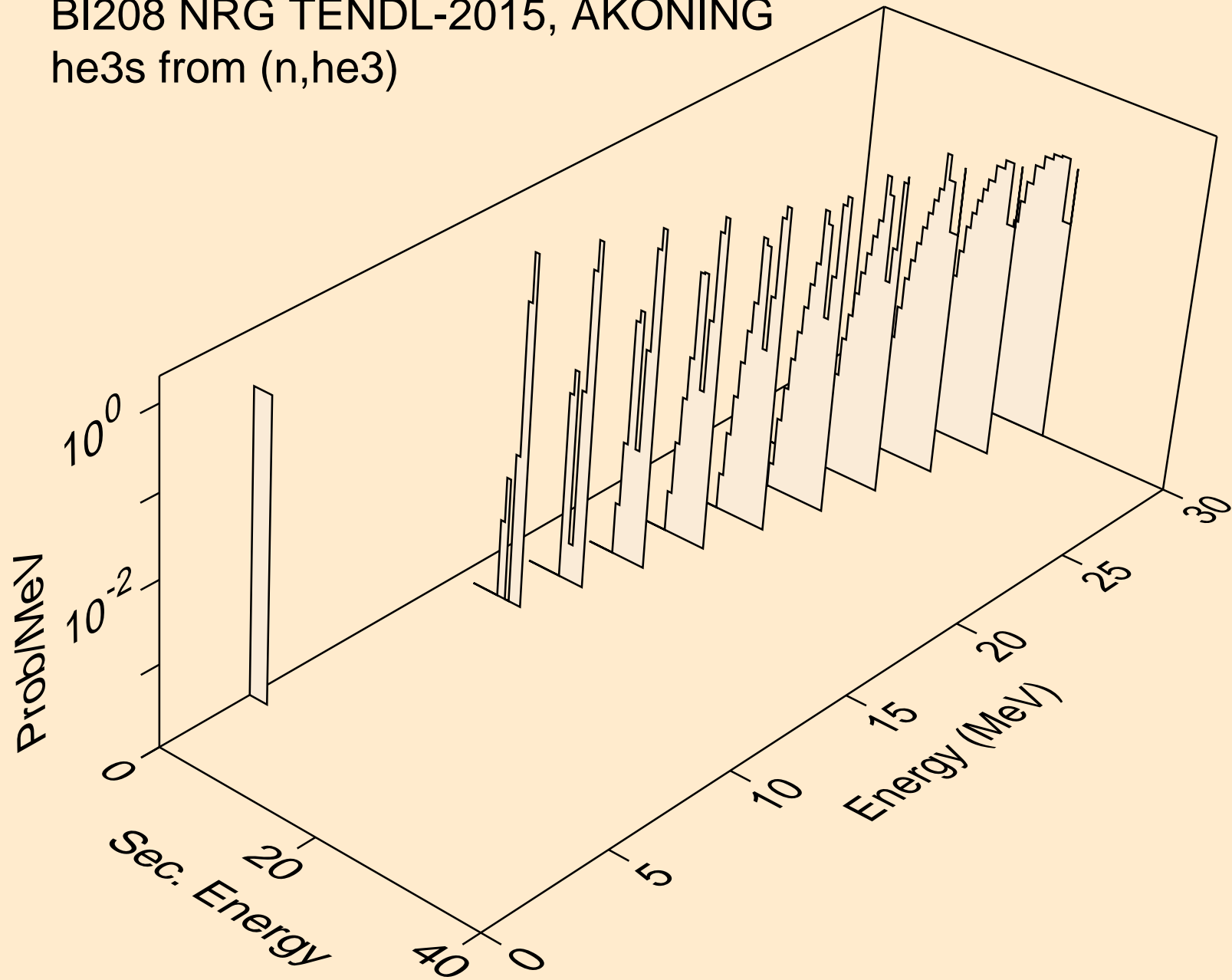
BI208 NRG TENDL-2015, AKONING  
he3s from (n,x)



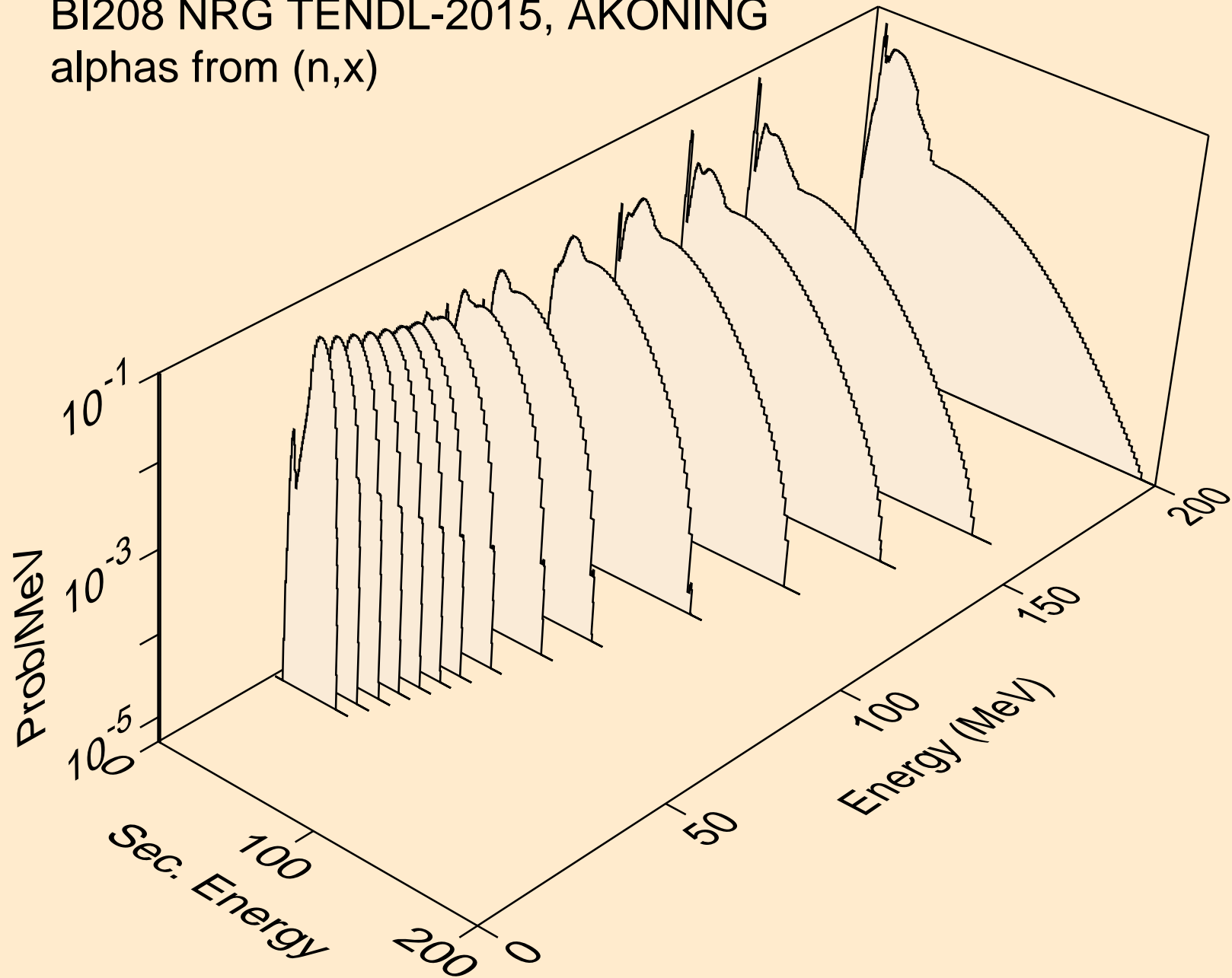
BI208 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



BI208 NRG TENDL-2015, AKONING  
he3s from (n,he3)

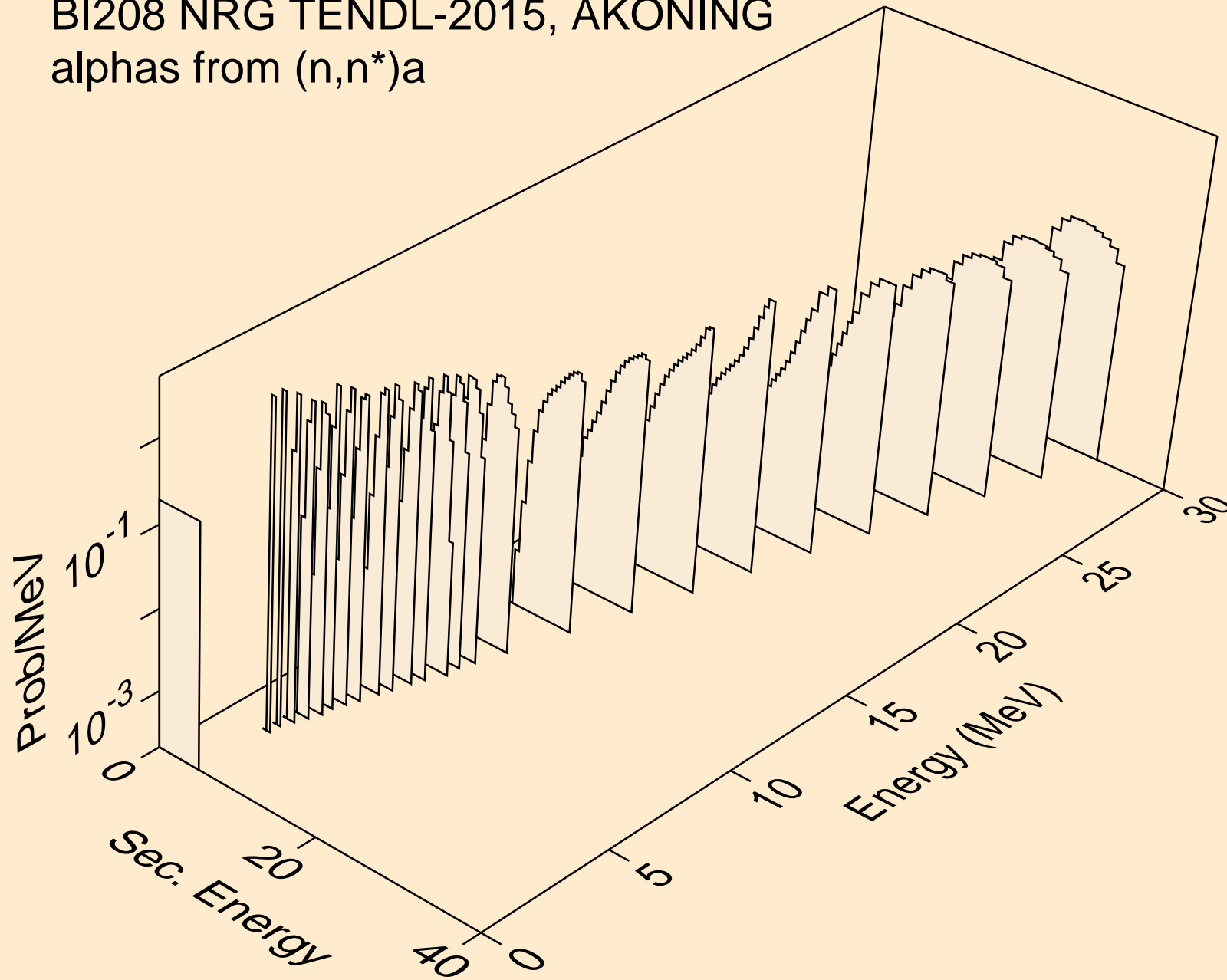


BI208 NRG TENDL-2015, AKONING  
alphas from (n,x)

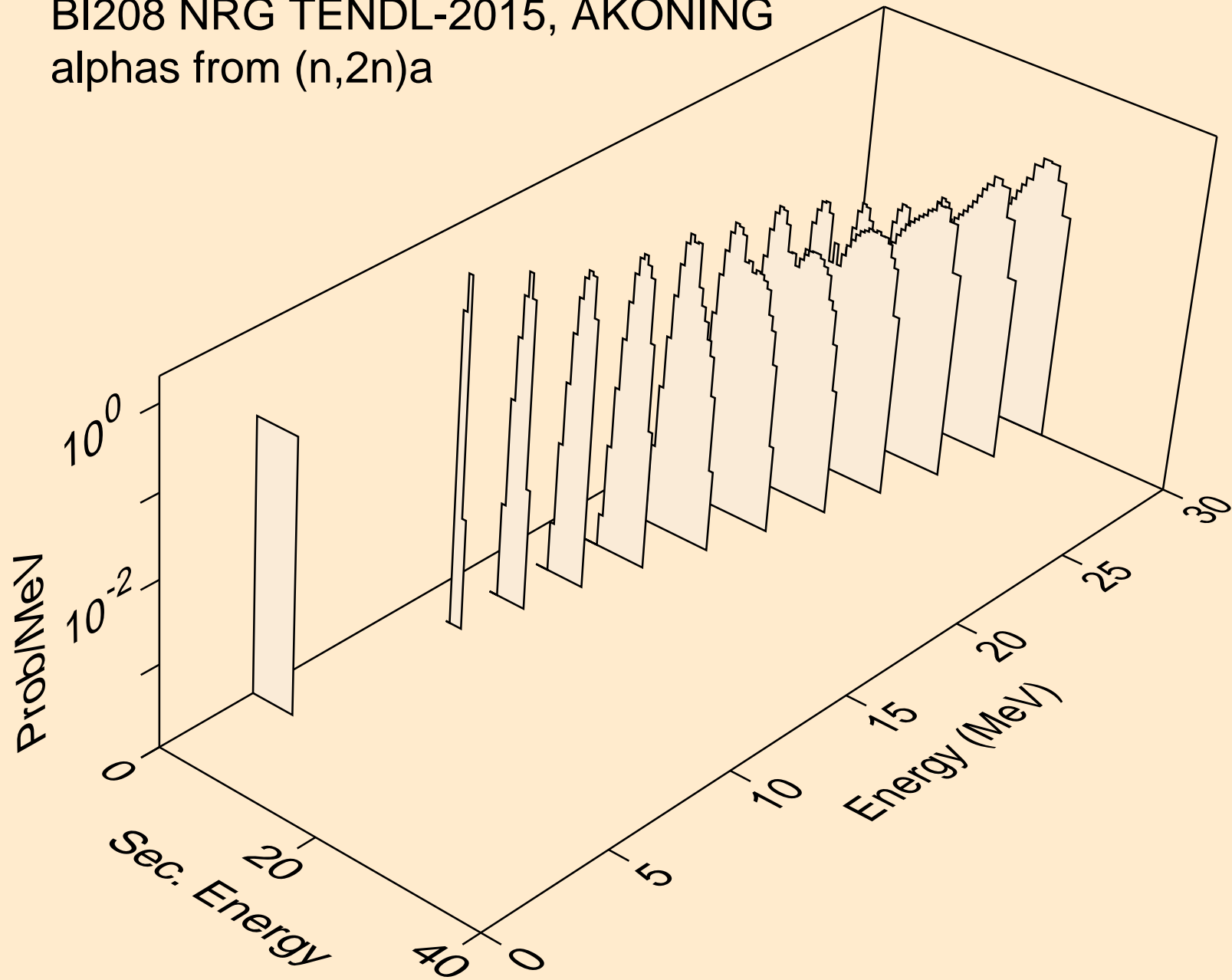




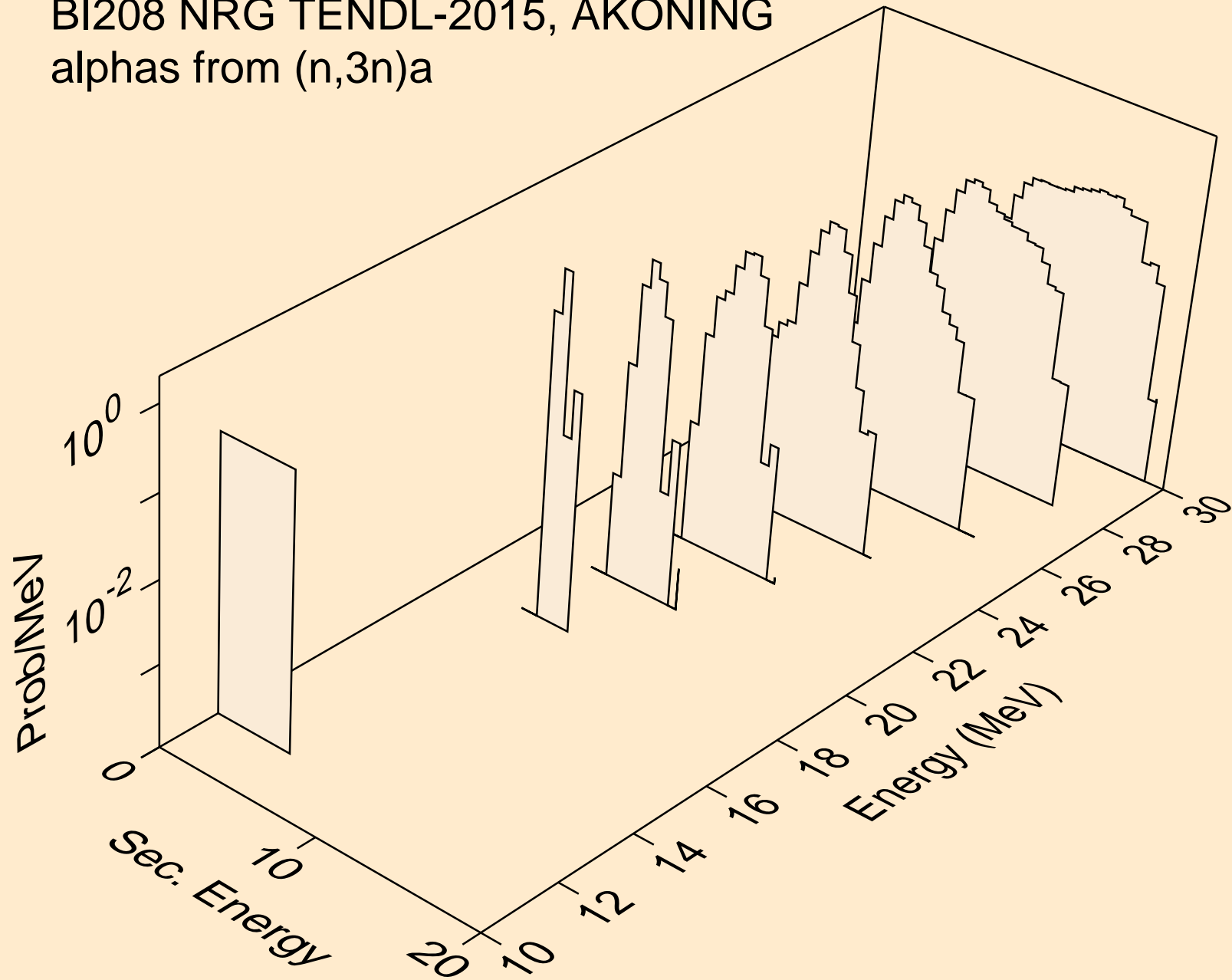
BI208 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



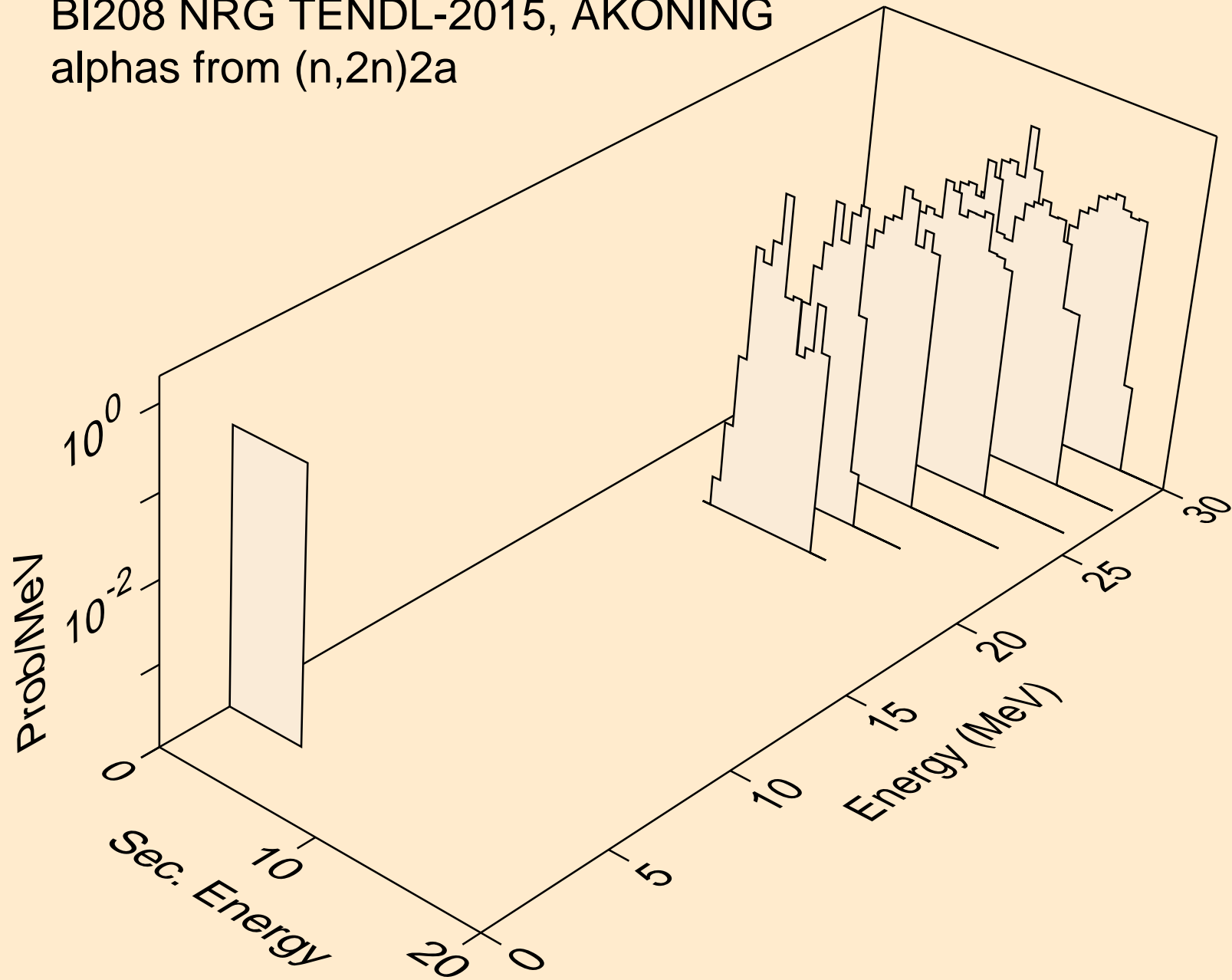
BI208 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



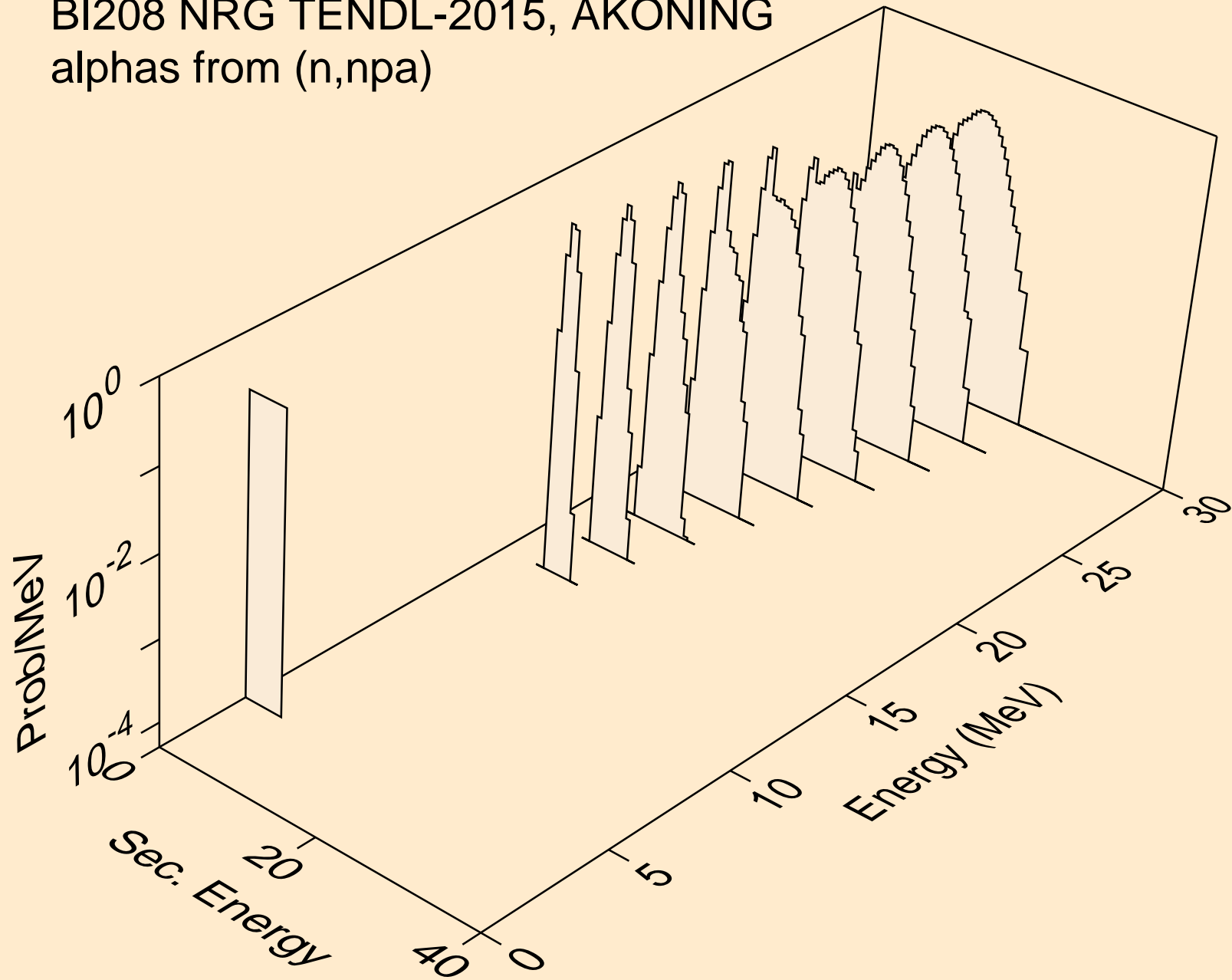
BI208 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



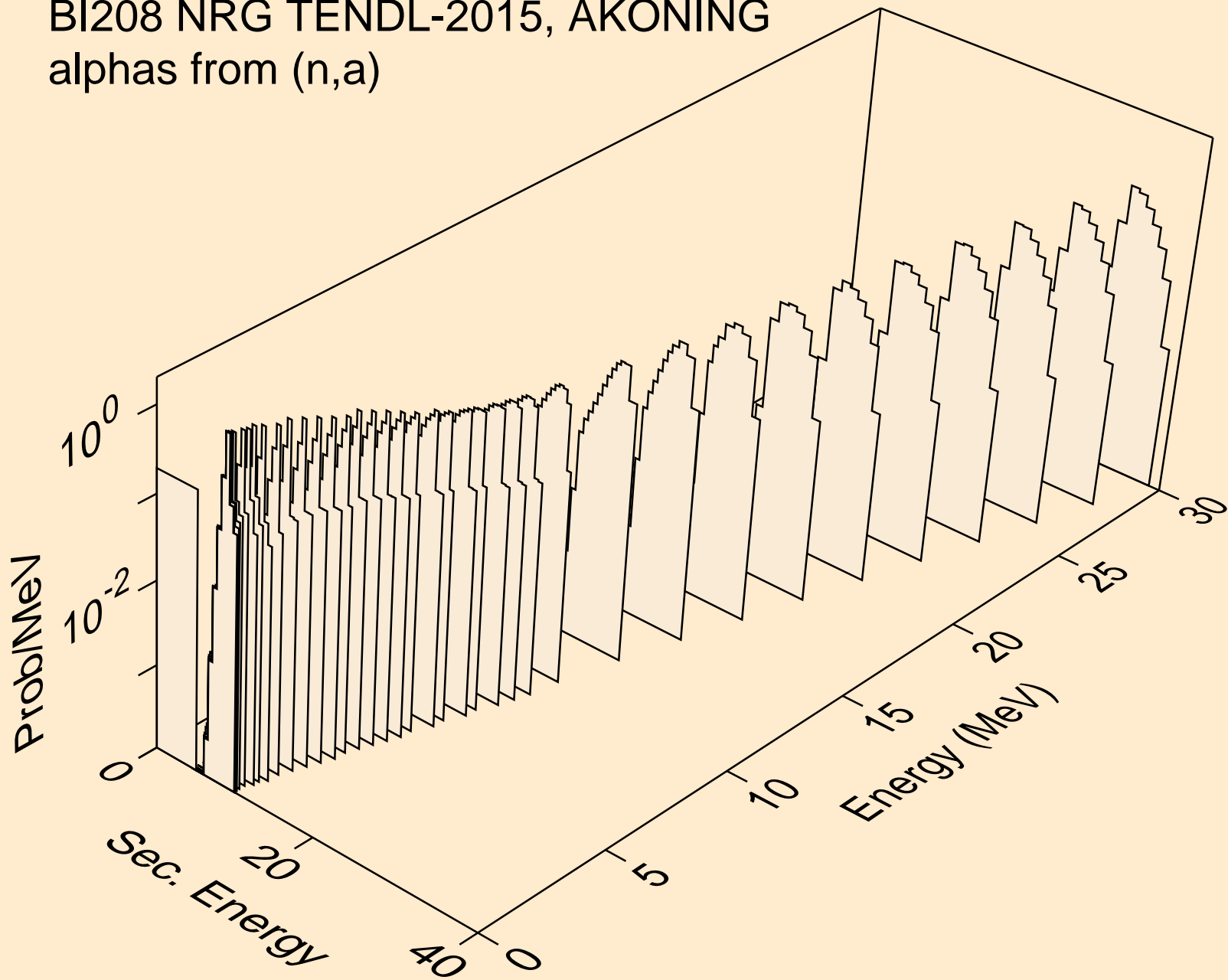
BI208 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



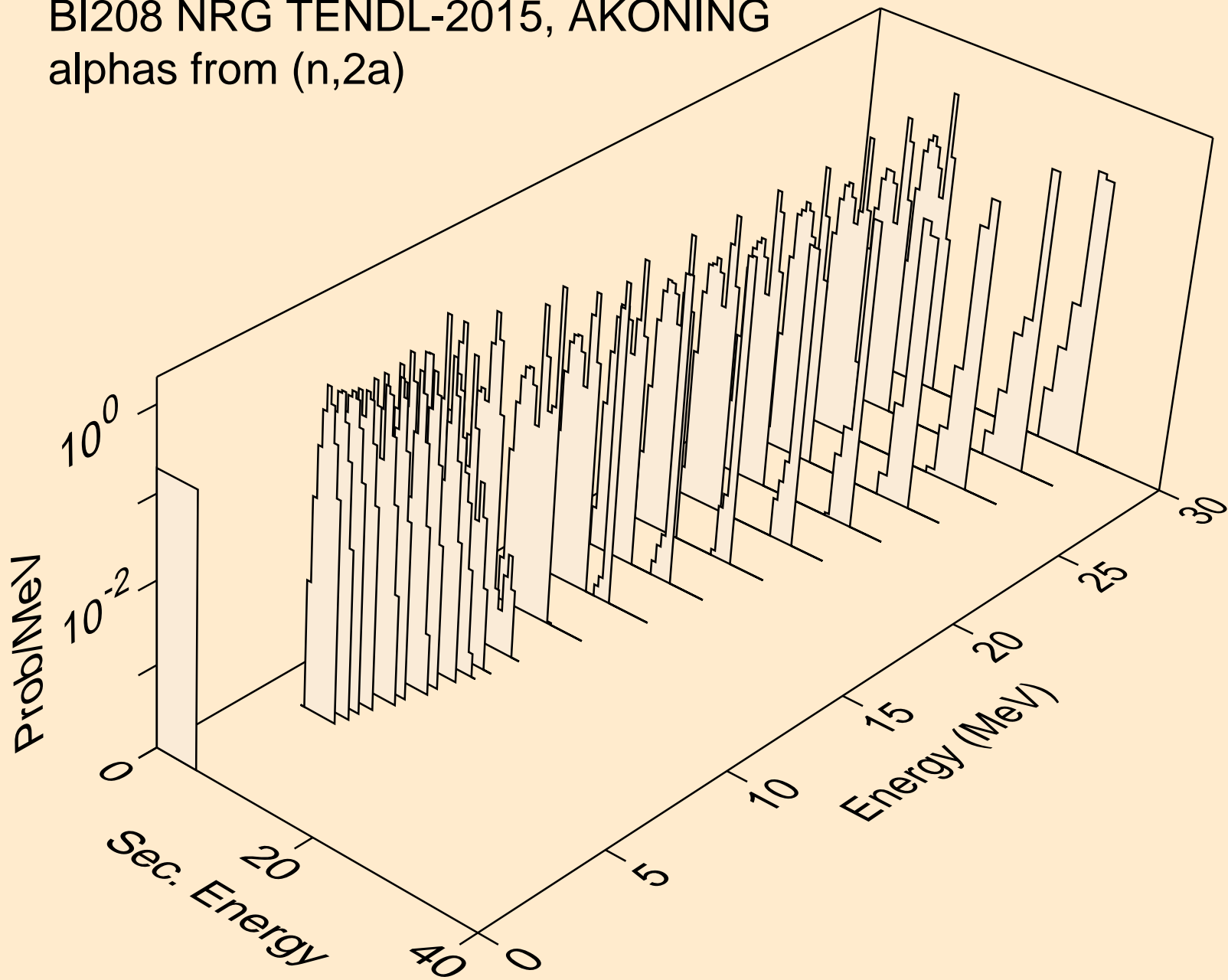
BI208 NRG TENDL-2015, AKONING  
alphas from (n,npa)



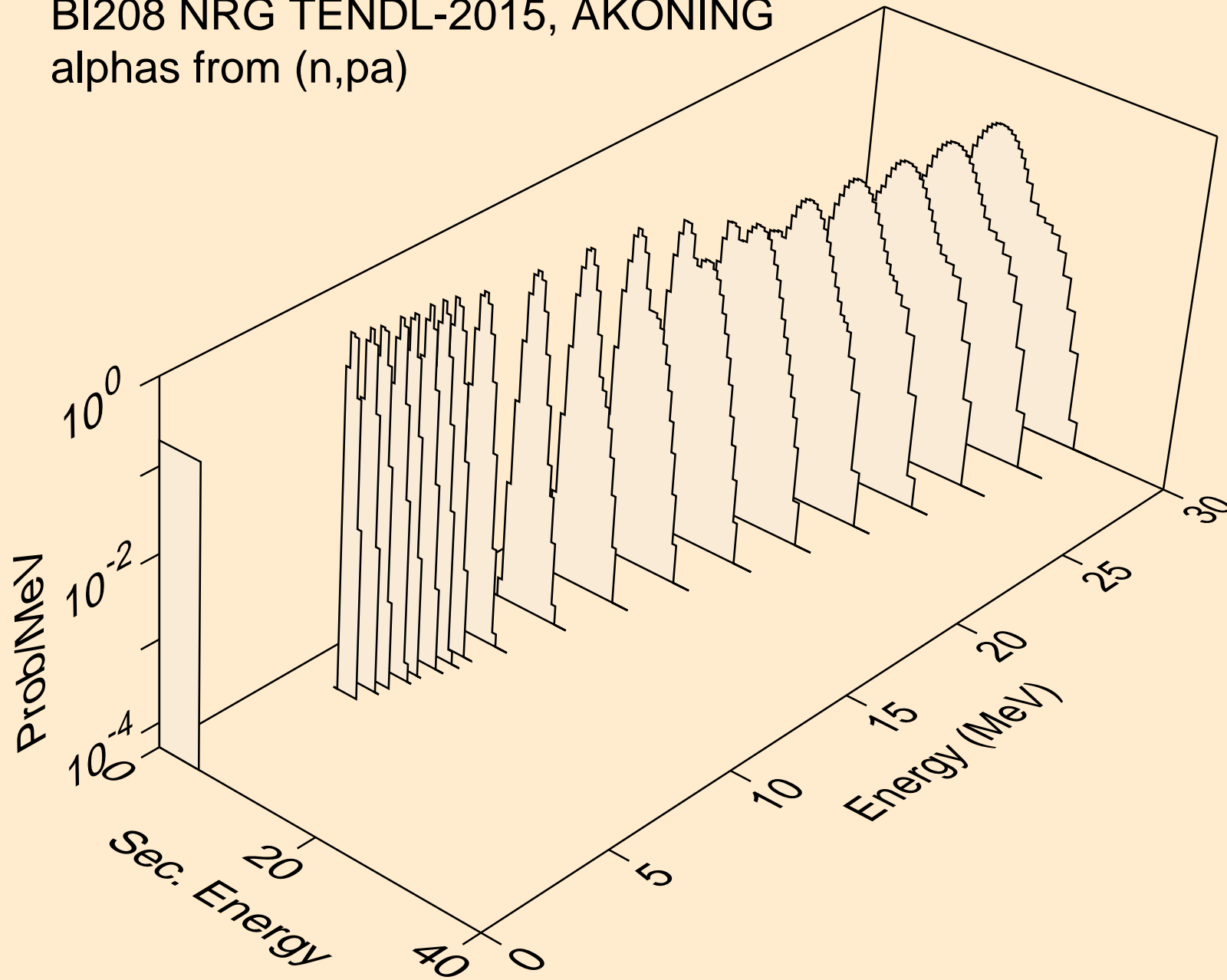
BI208 NRG TENDL-2015, AKONING  
alphas from (n,a)



BI208 NRG TENDL-2015, AKONING  
alphas from (n,2a)



BI208 NRG TENDL-2015, AKONING  
alphas from (n,pa)





BI208 NRG TENDL-2015, AKONING  
alphas from (n,da)

