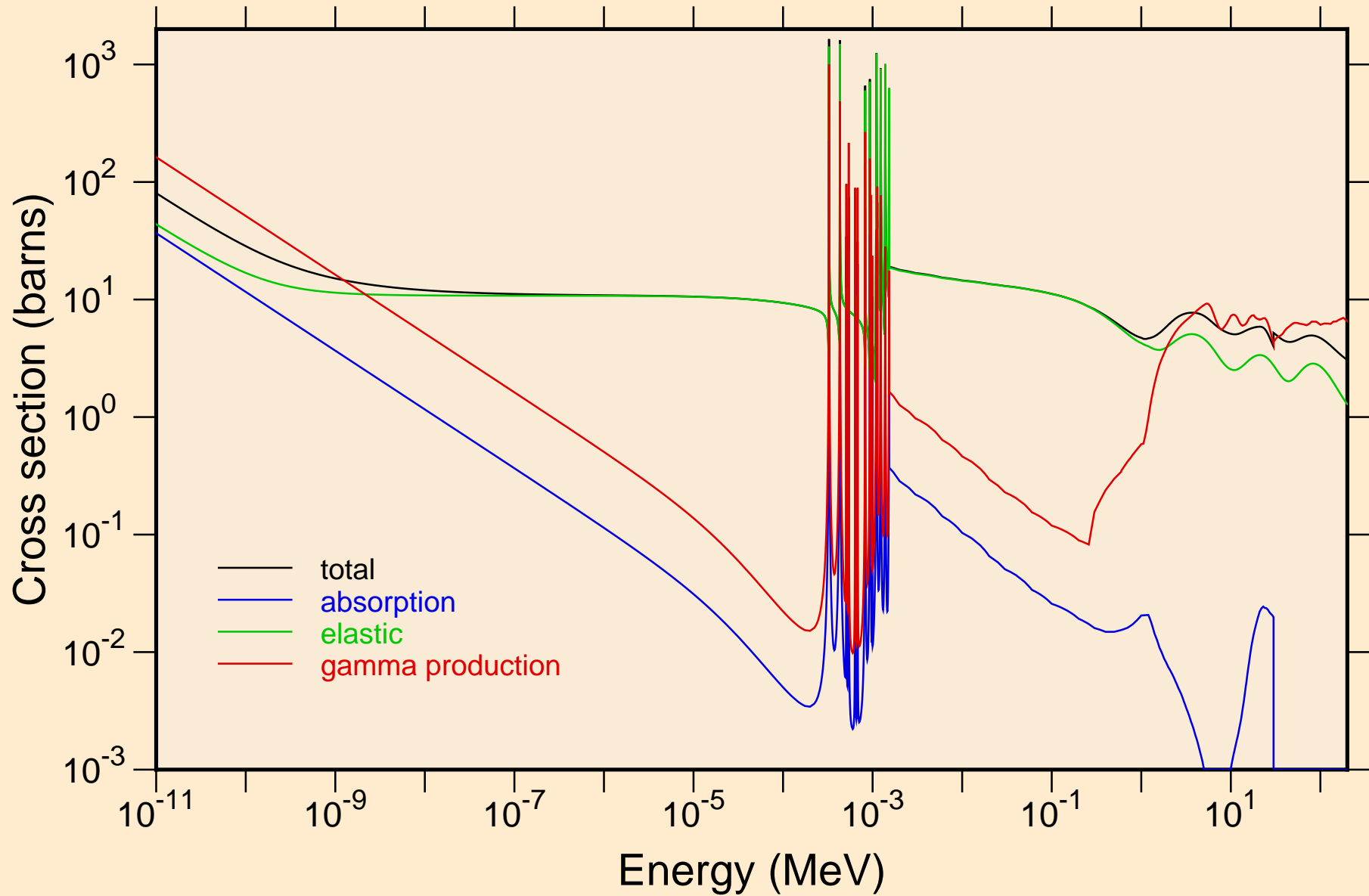
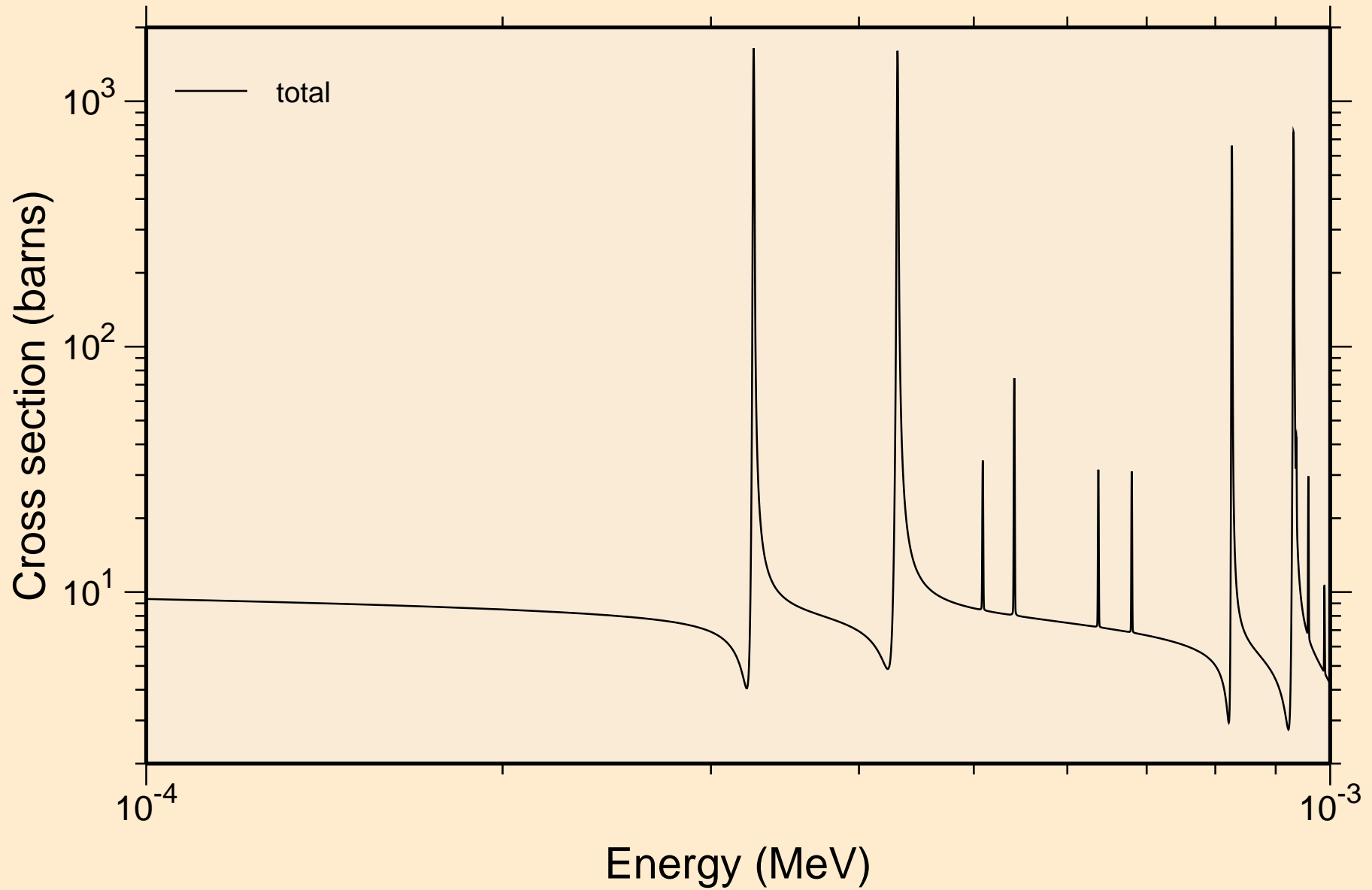


# BI213 NRG TENDL-2015, AKONING

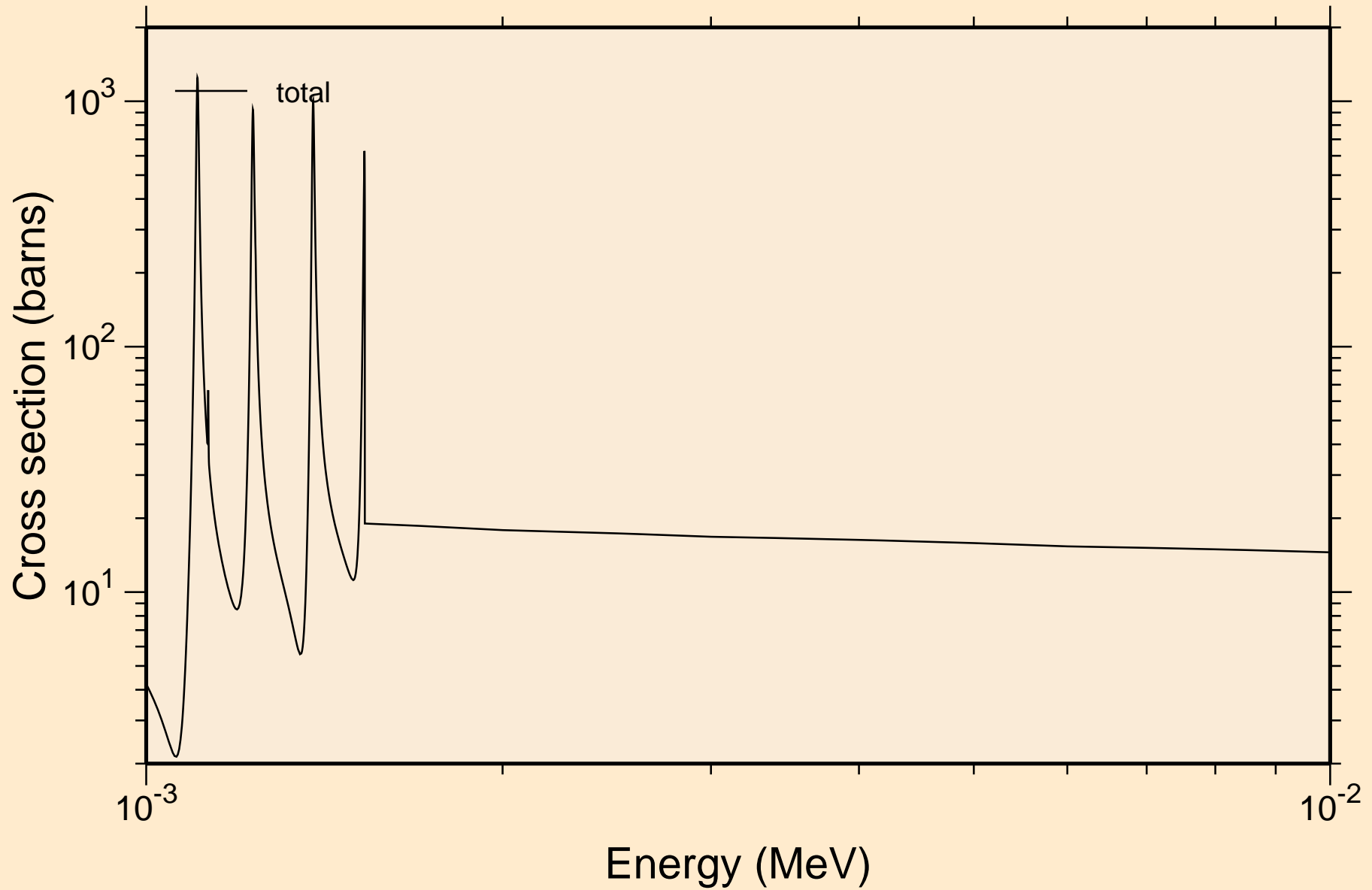
## Principal cross sections



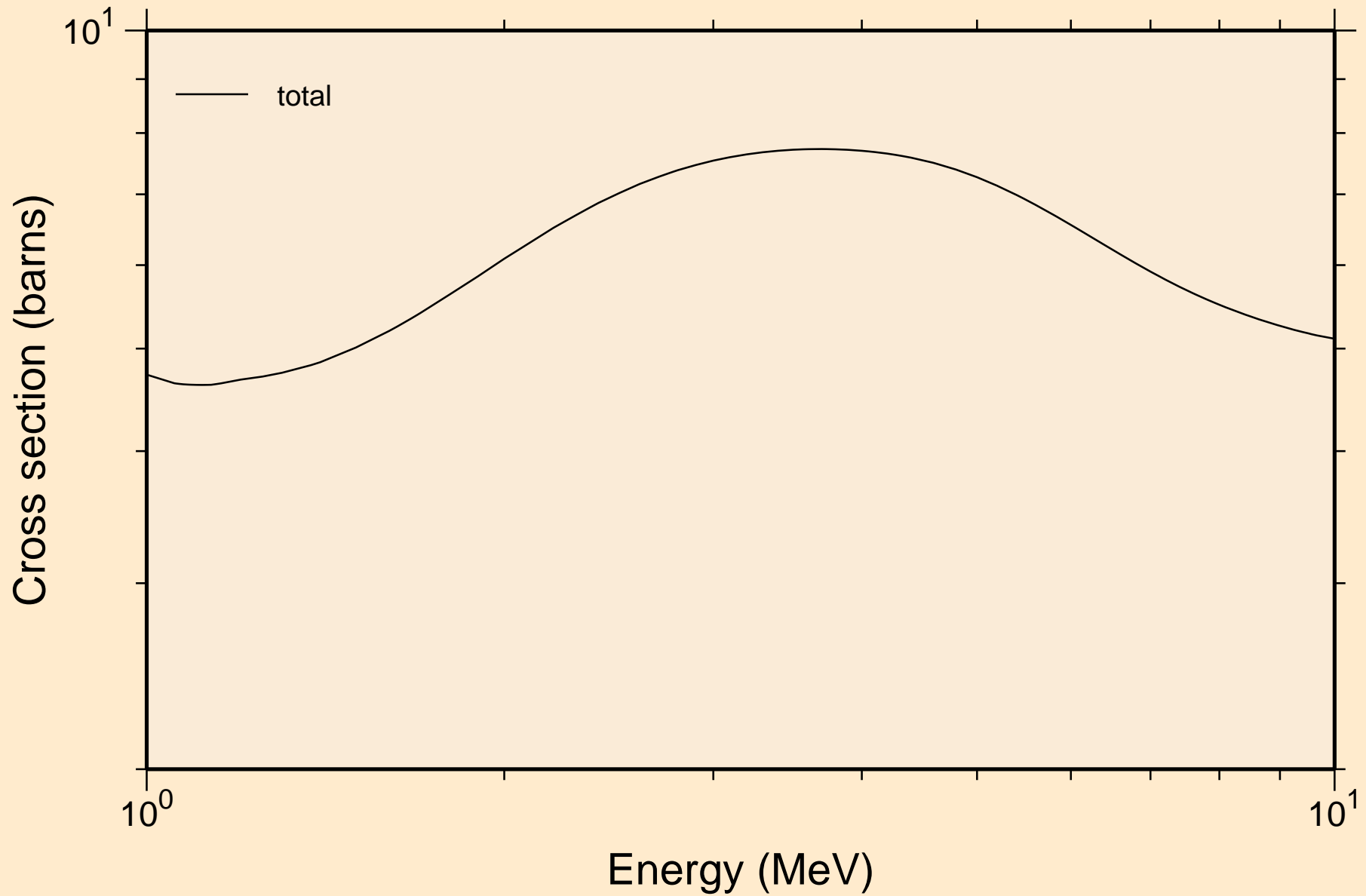
BI213 NRG TENDL-2015, AKONING  
resonance total cross section



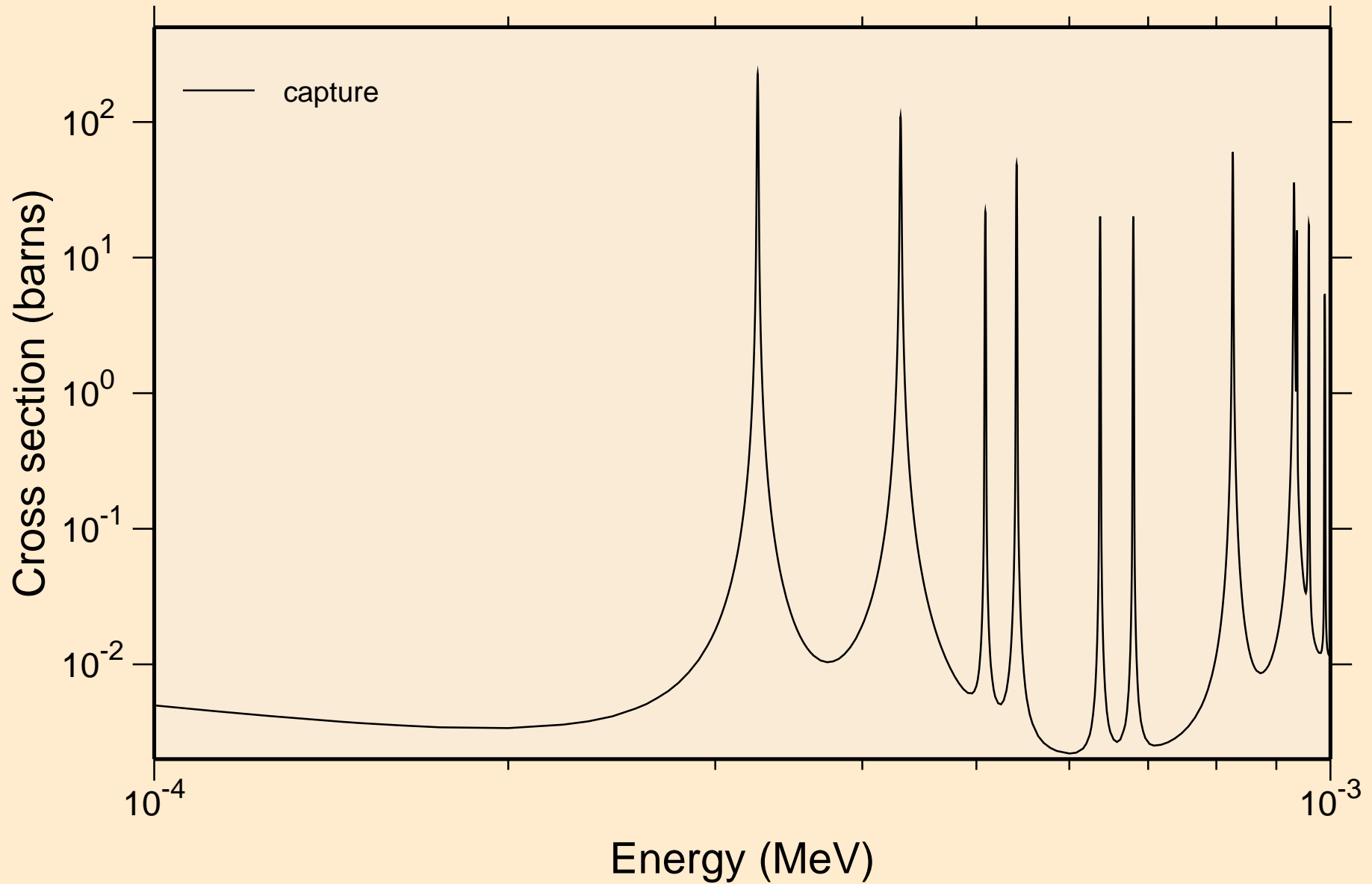
BI213 NRG TENDL-2015, AKONING  
resonance total cross section



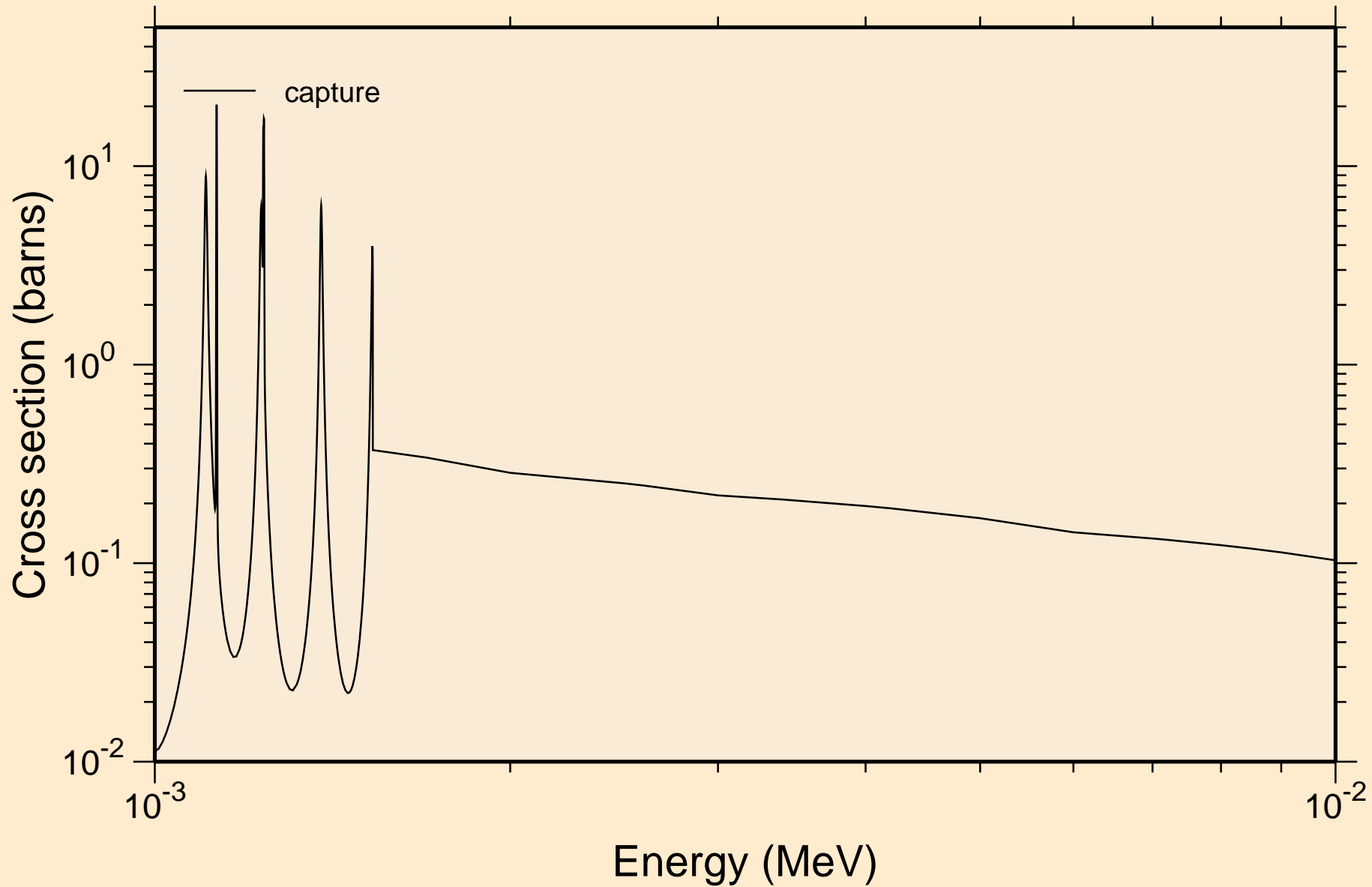
BI213 NRG TENDL-2015, AKONING  
resonance total cross section



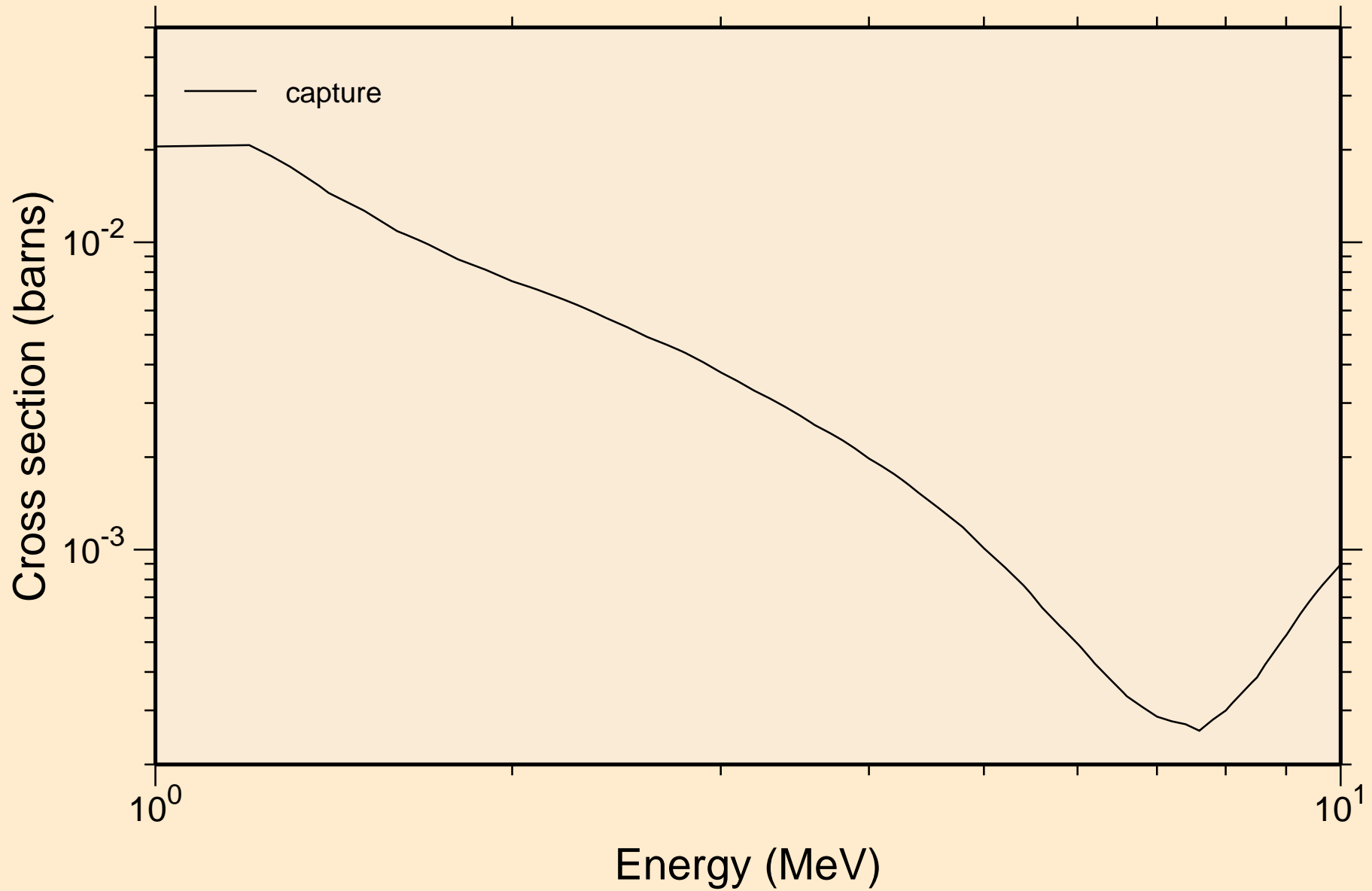
# BI213 NRG TENDL-2015, AKONING resonance absorption cross sections



BI213 NRG TENDL-2015, AKONING  
resonance absorption cross sections

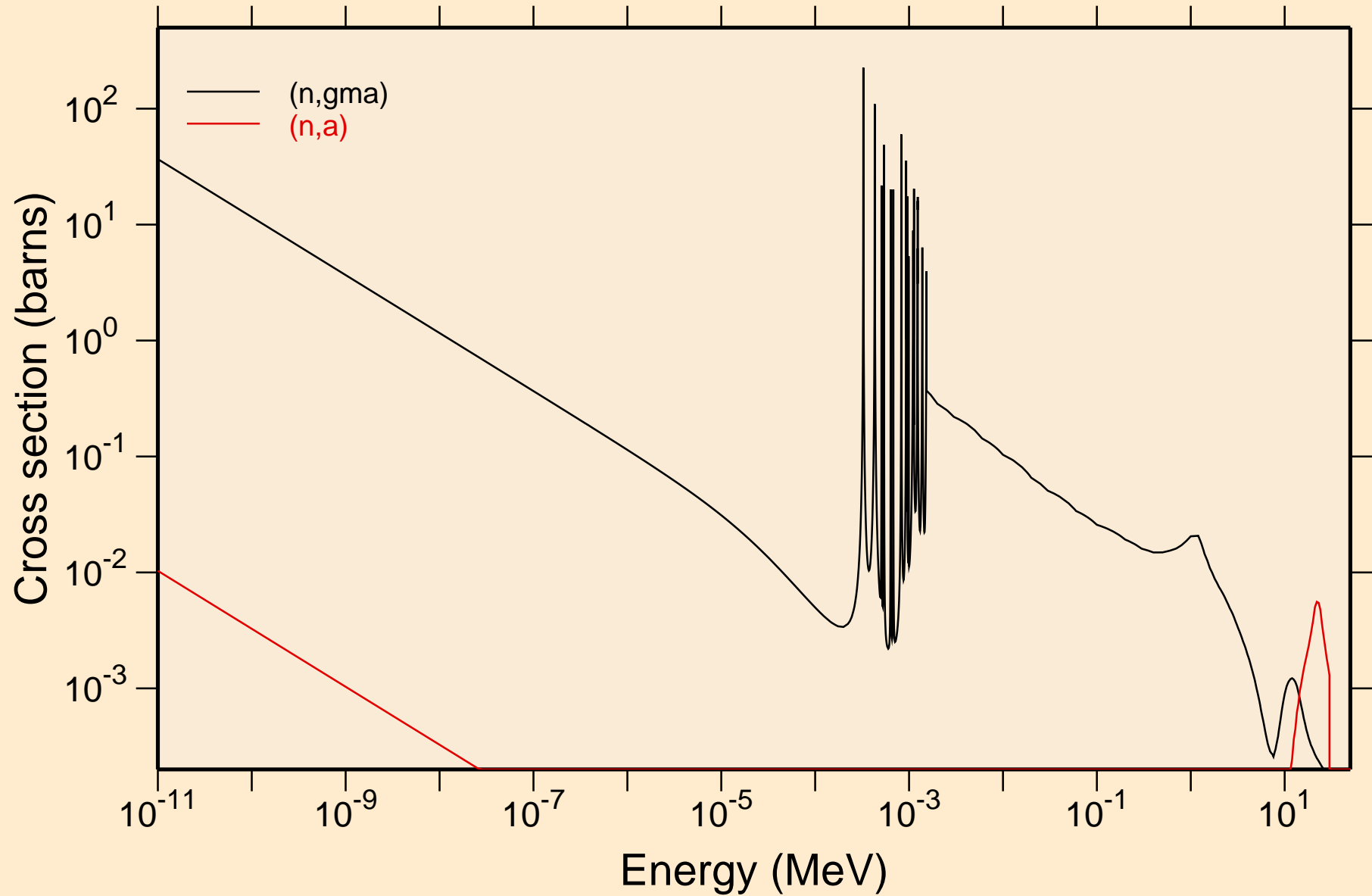


BI213 NRG TENDL-2015, AKONING  
resonance absorption cross sections



# BI213 NRG TENDL-2015, AKONING

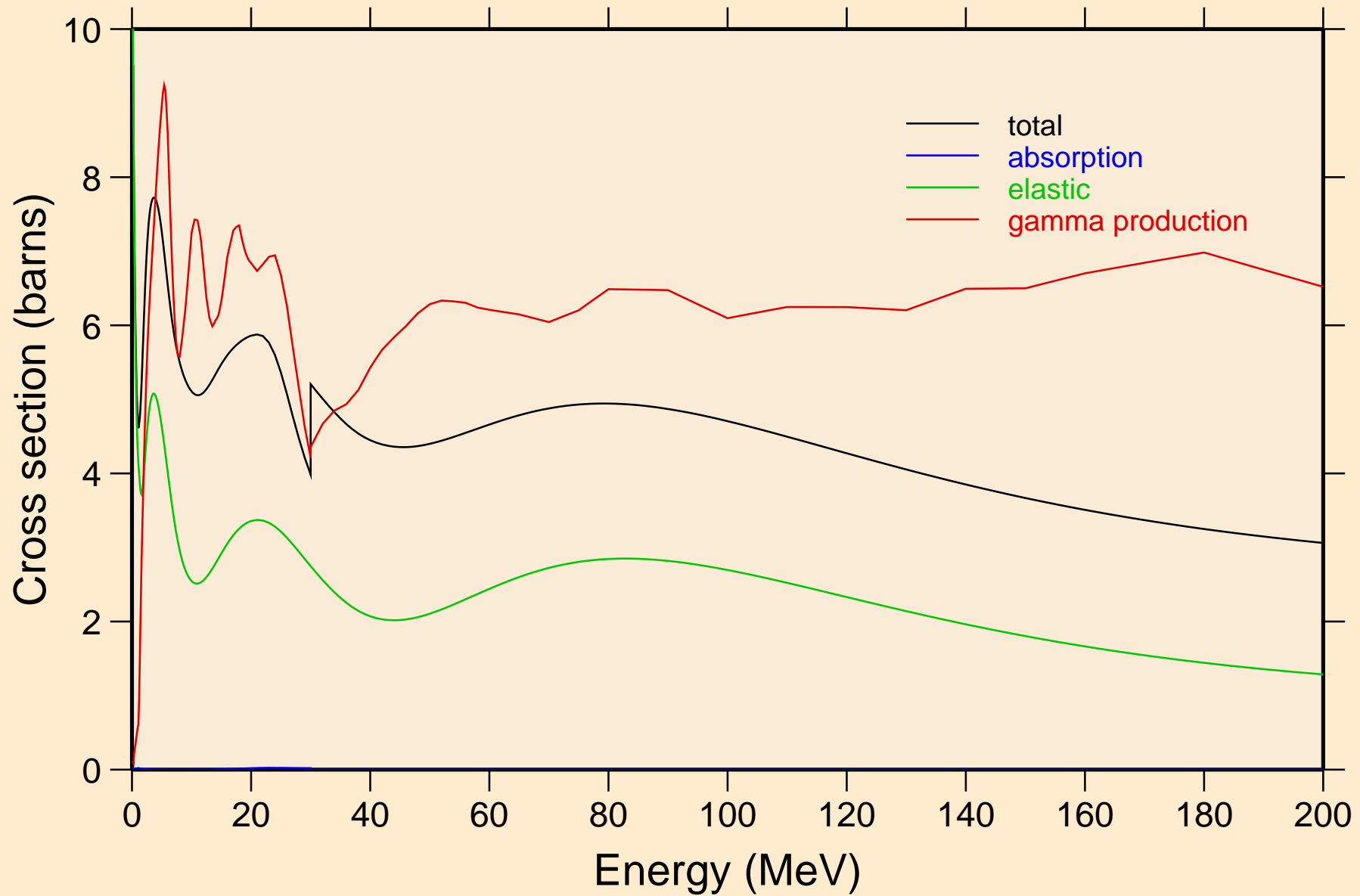
## Non-threshold reactions





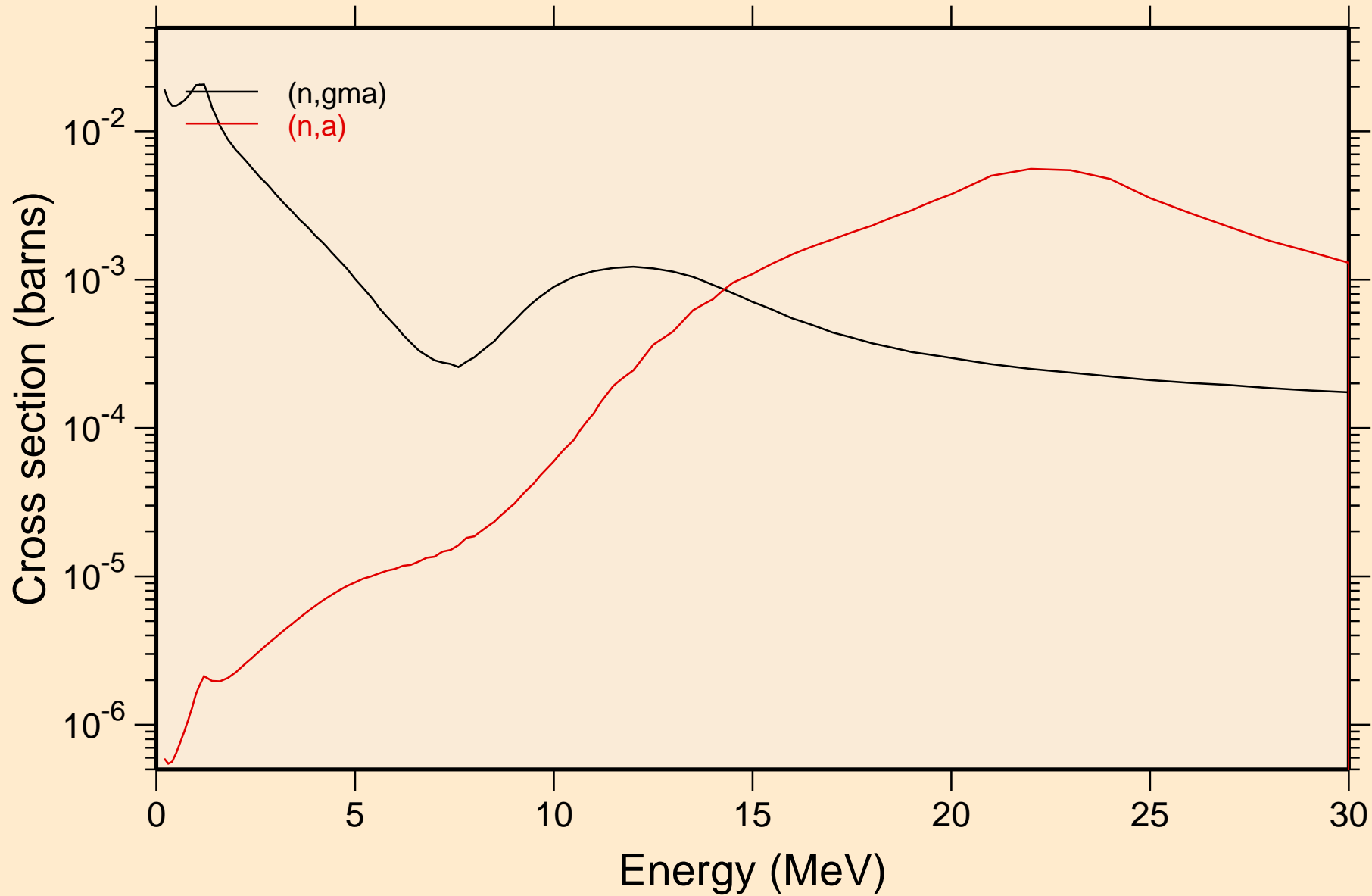
# BI213 NRG TENDL-2015, AKONING

## Principal cross sections



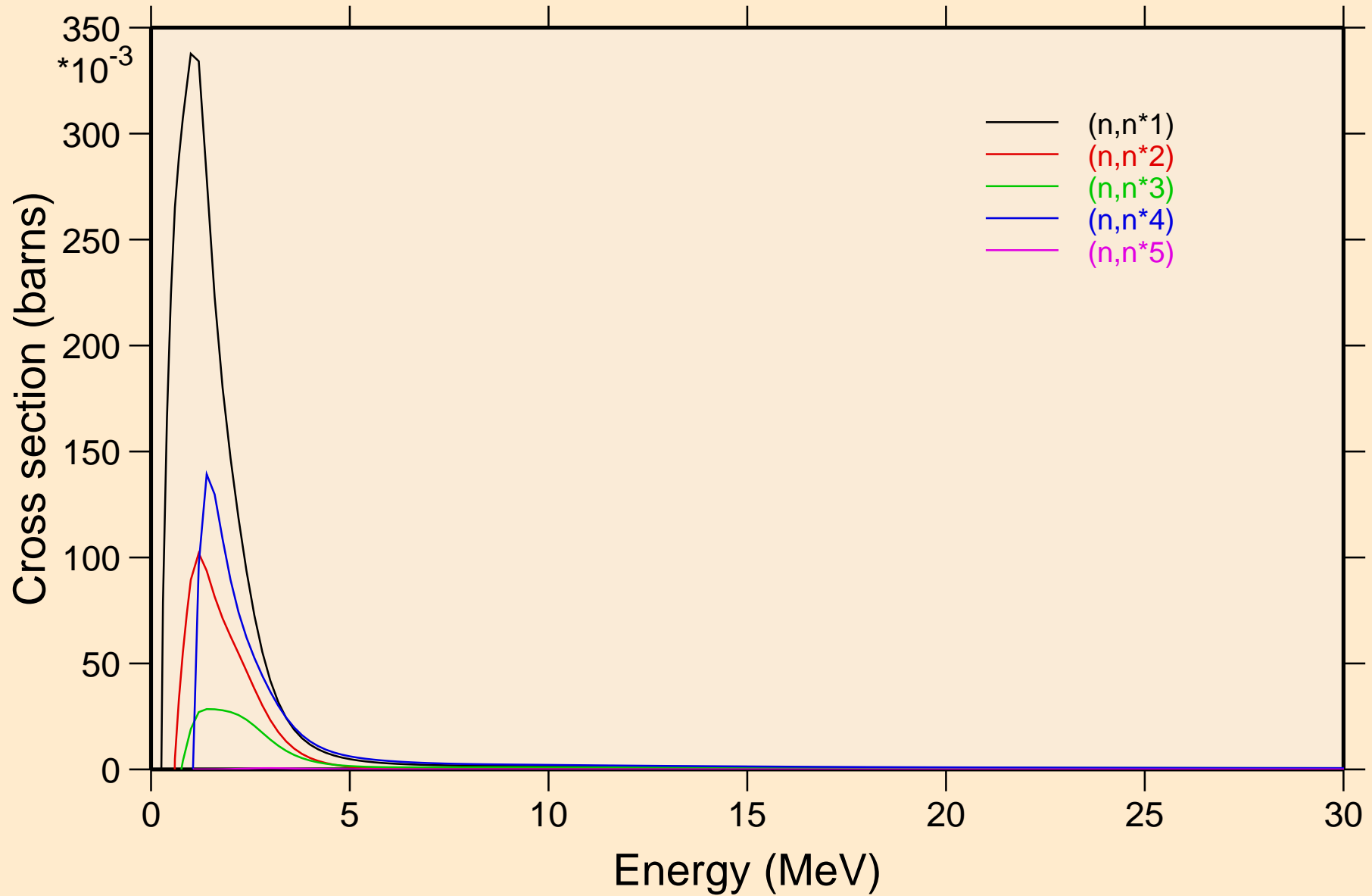
# BI213 NRG TENDL-2015, AKONING

## Non-threshold reactions



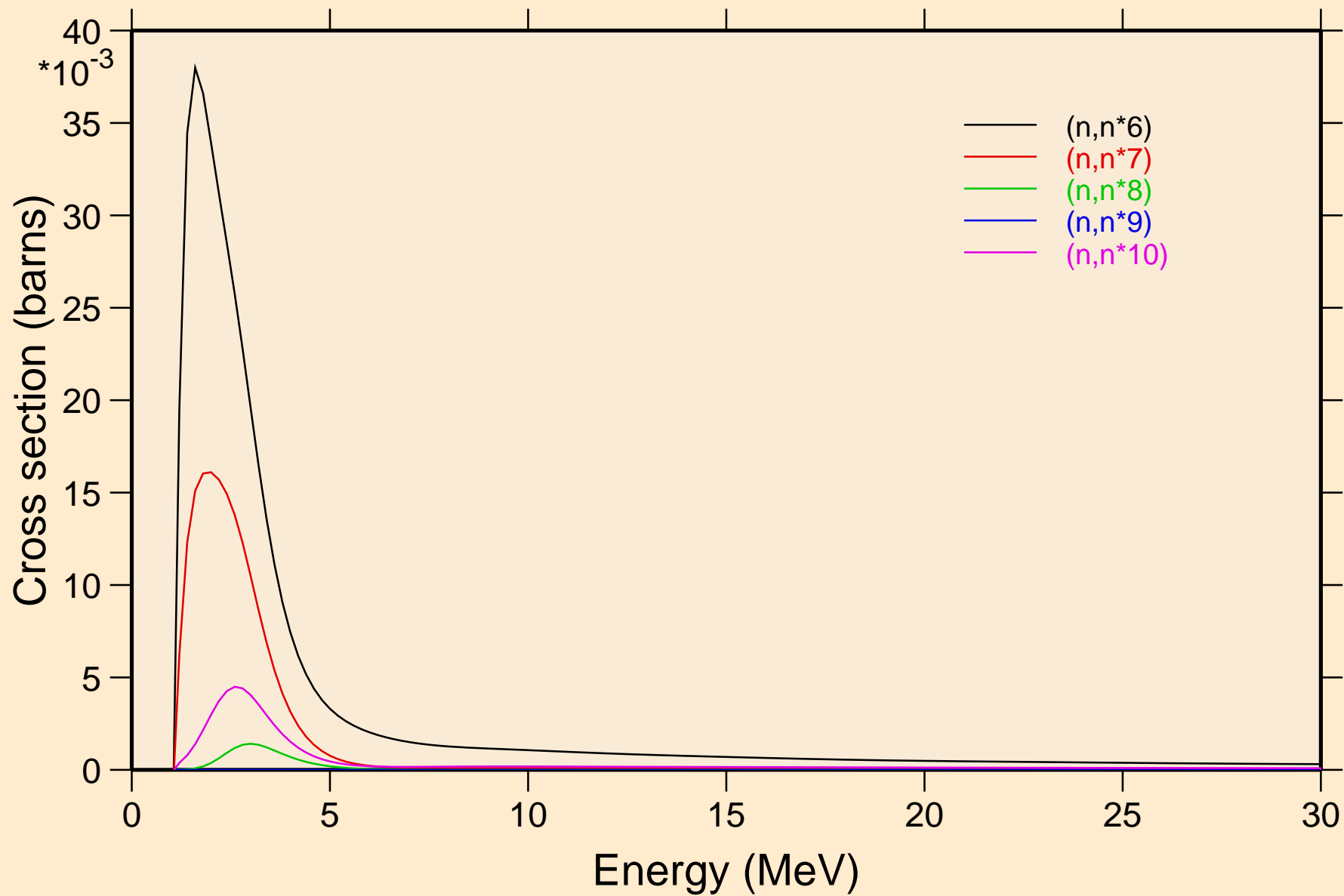
# BI213 NRG TENDL-2015, AKONING

## Inelastic levels



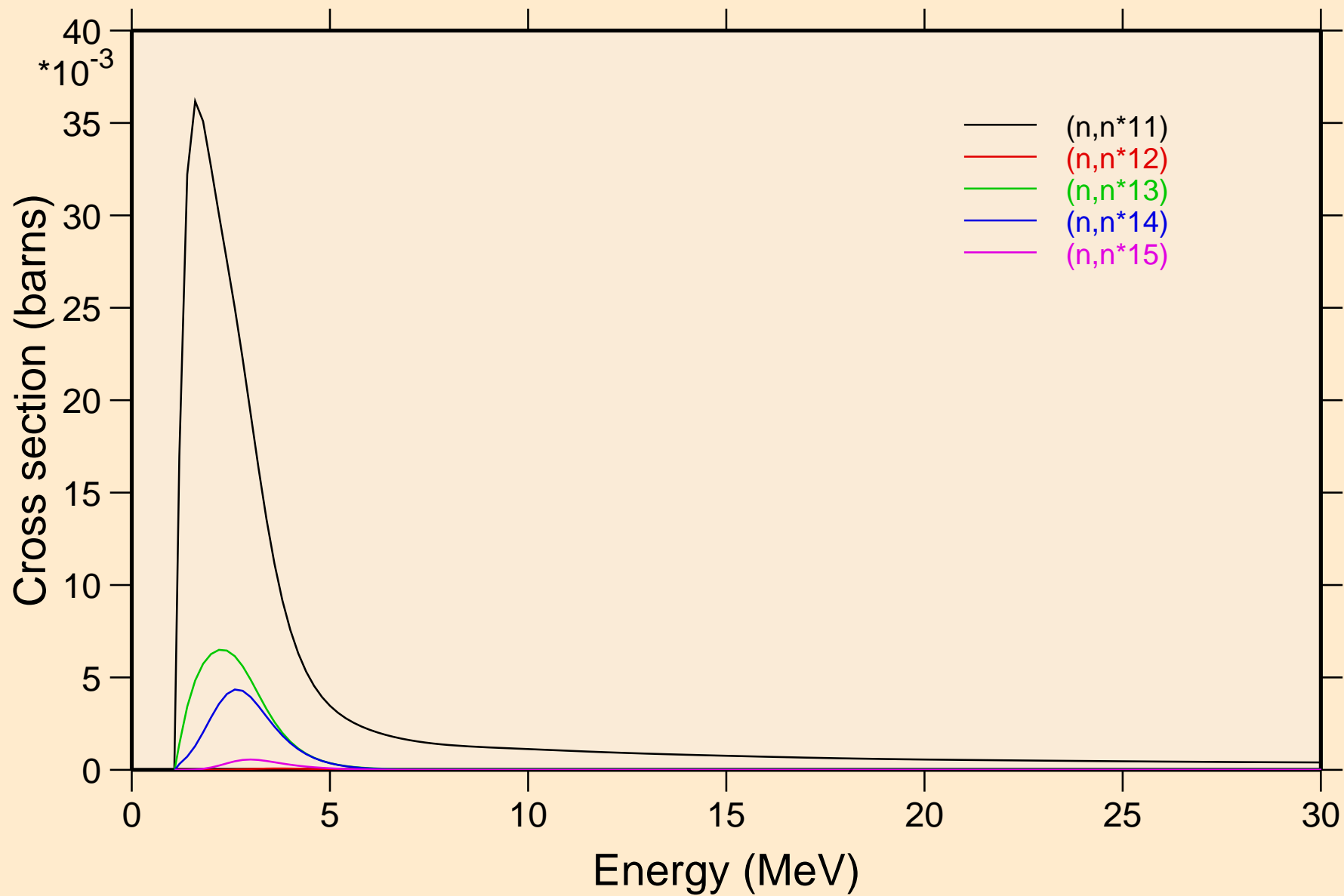
# BI213 NRG TENDL-2015, AKONING

## Inelastic levels



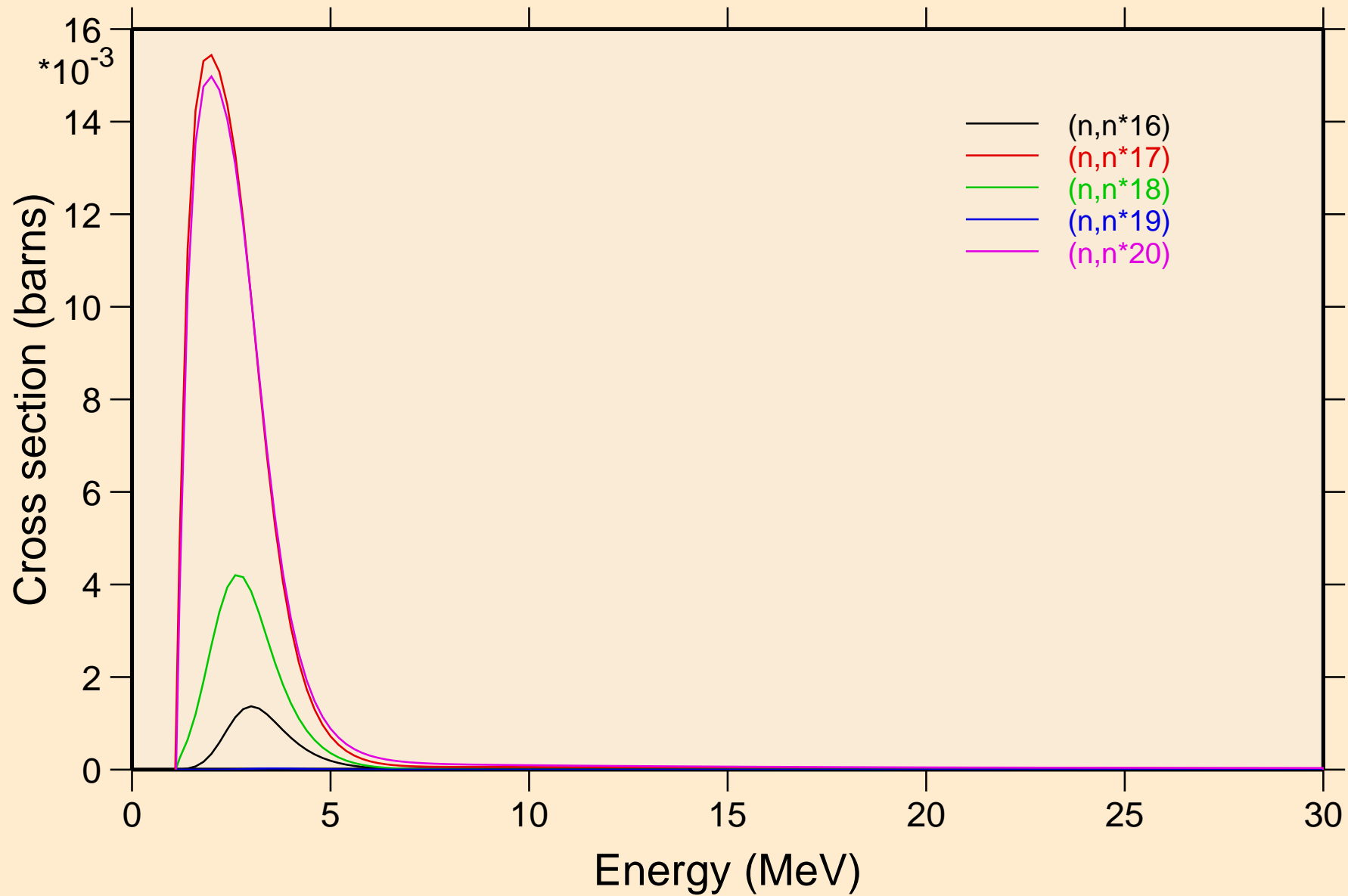
# BI213 NRG TENDL-2015, AKONING

## Inelastic levels



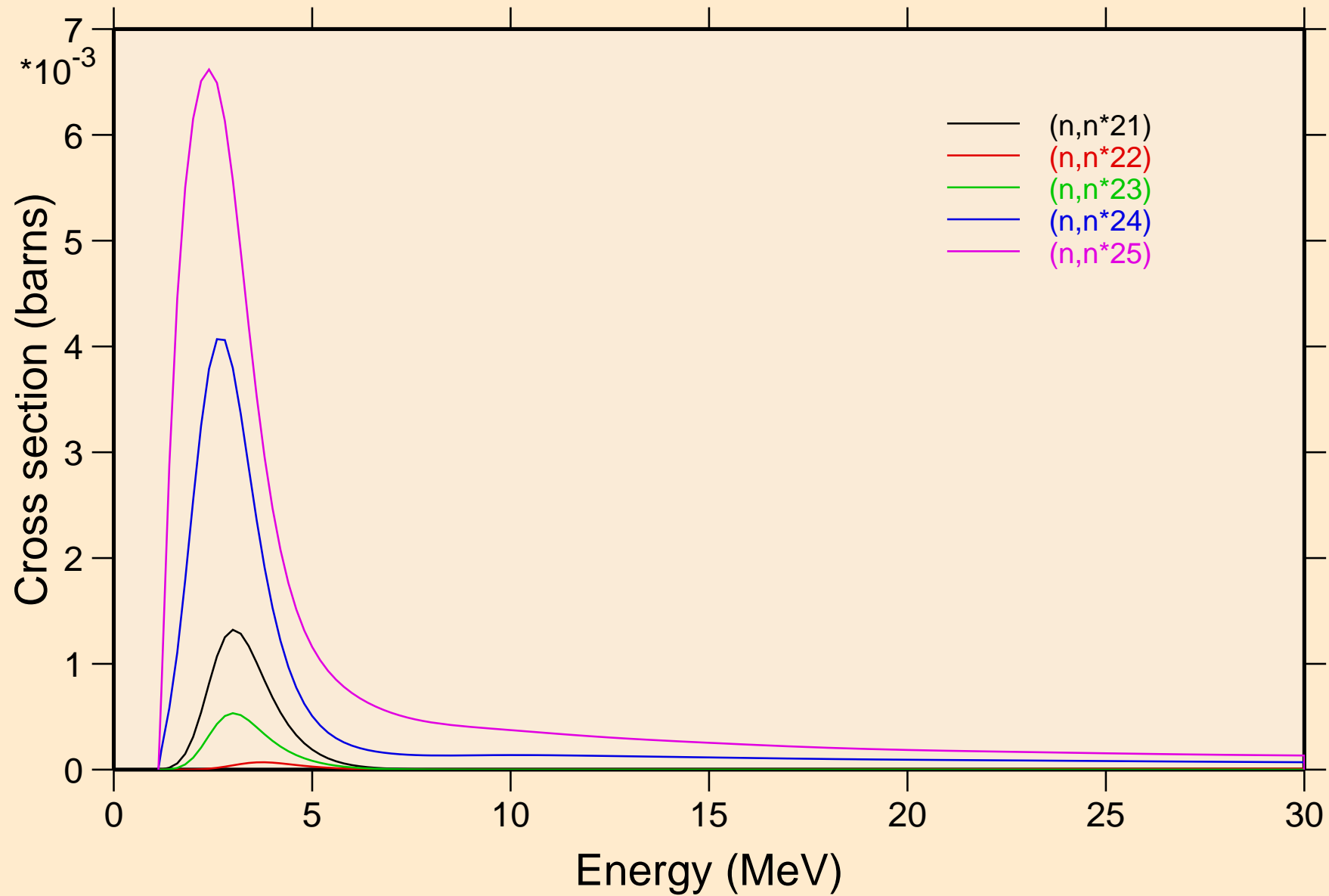
# BI213 NRG TENDL-2015, AKONING

## Inelastic levels

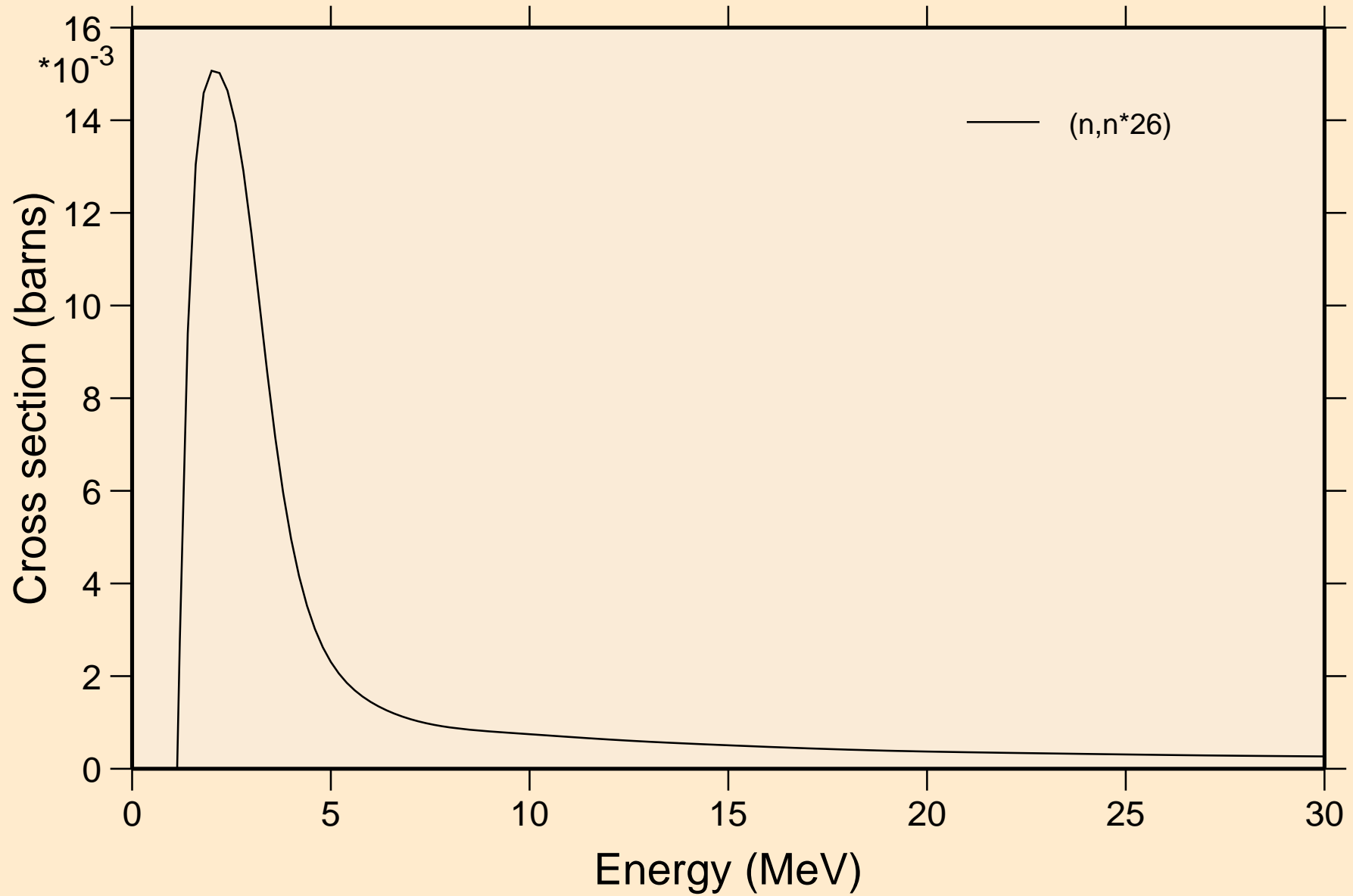


# BI213 NRG TENDL-2015, AKONING

## Inelastic levels



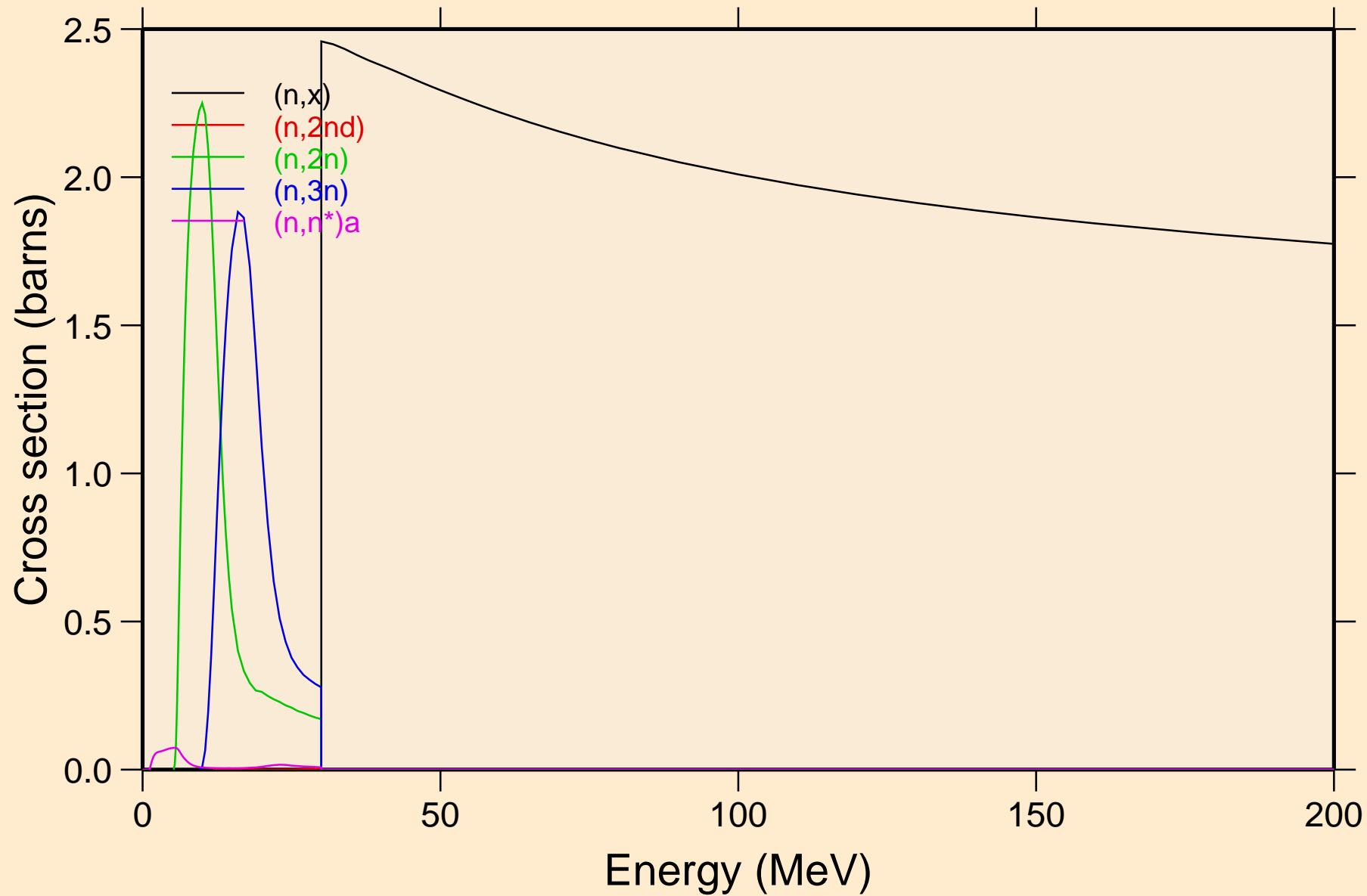
BI213 NRG TENDL-2015, AKONING  
Inelastic levels





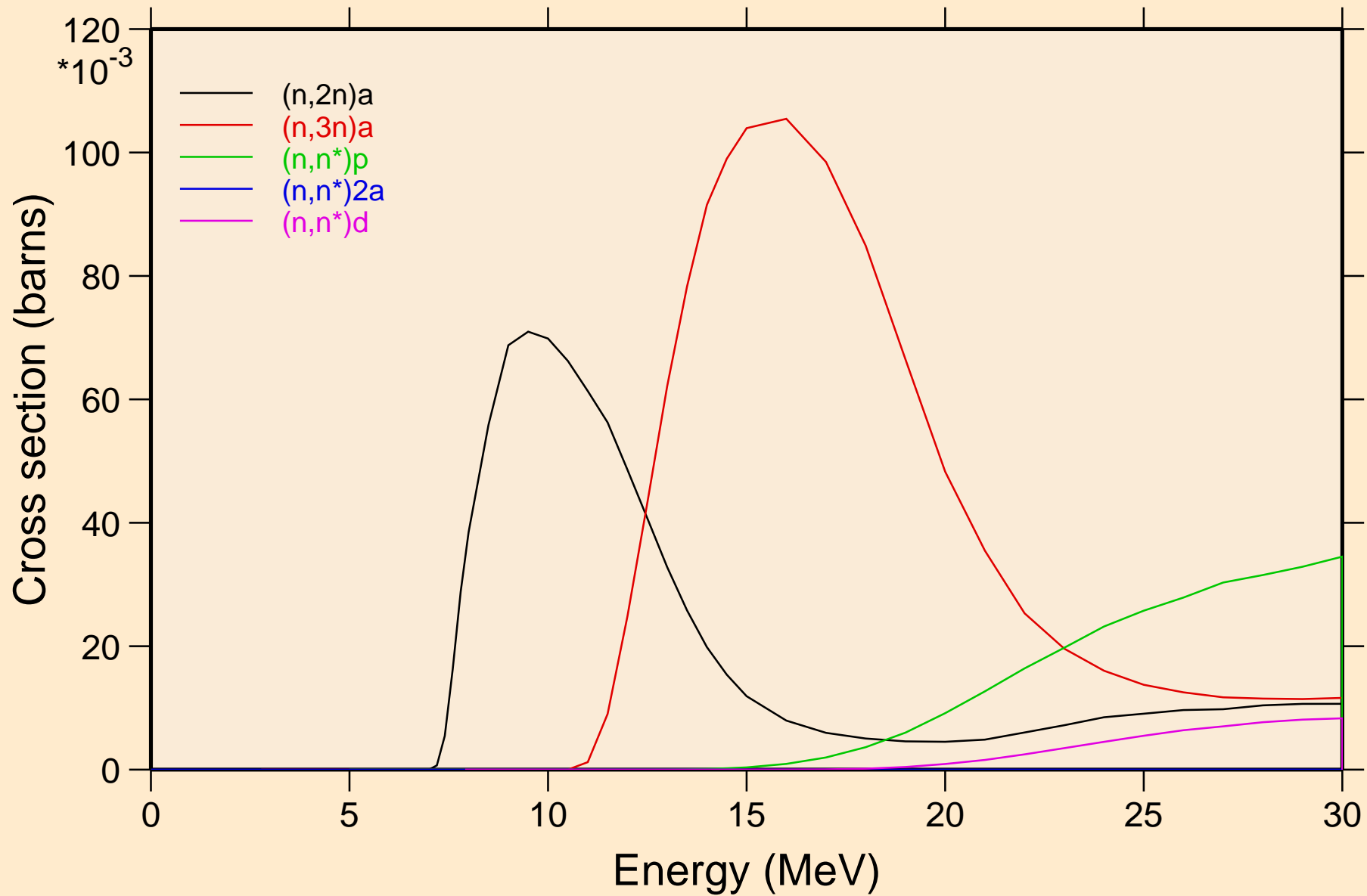
# BI213 NRG TENDL-2015, AKONING

## Threshold reactions



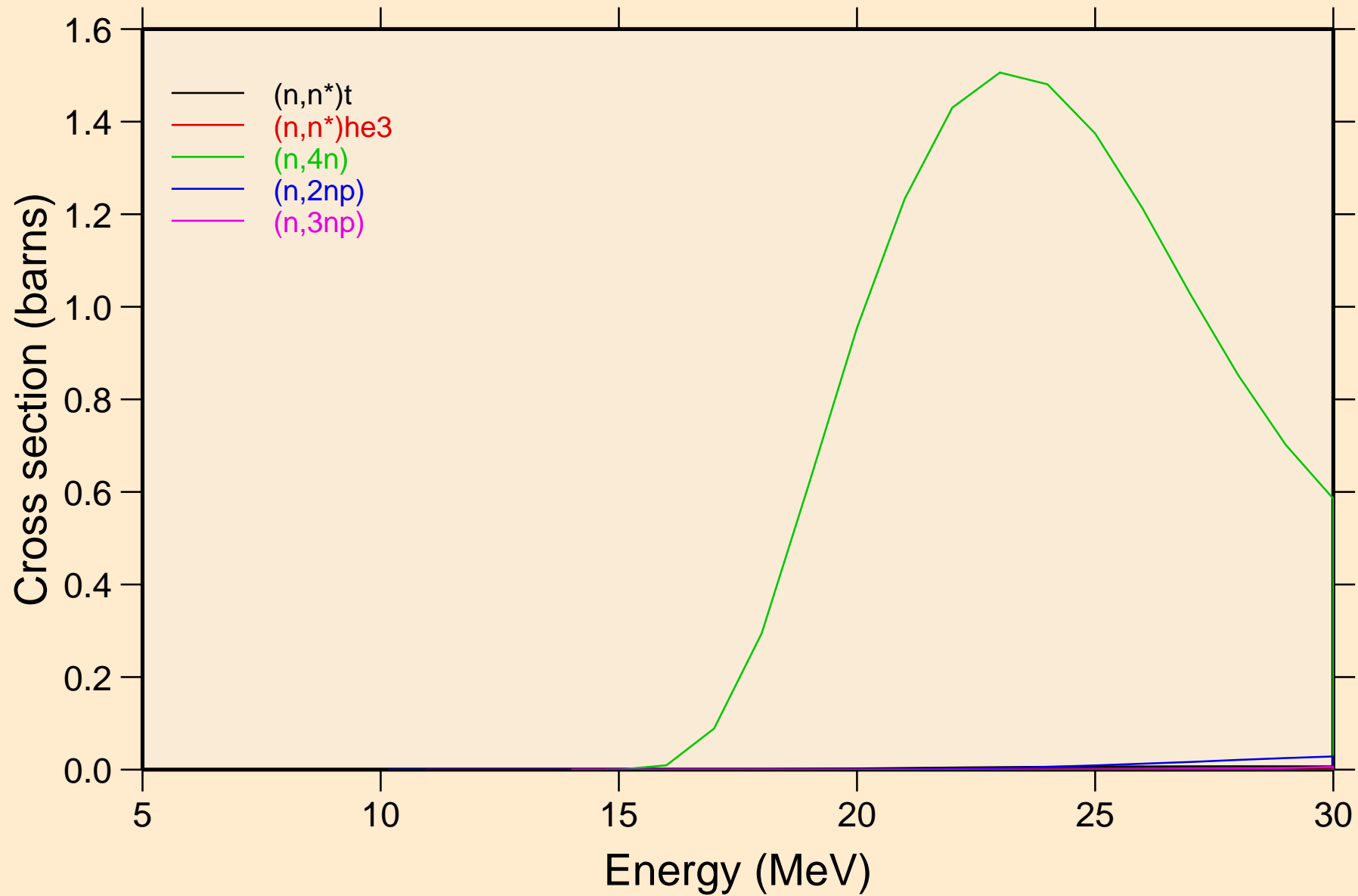
# BI213 NRG TENDL-2015, AKONING

## Threshold reactions



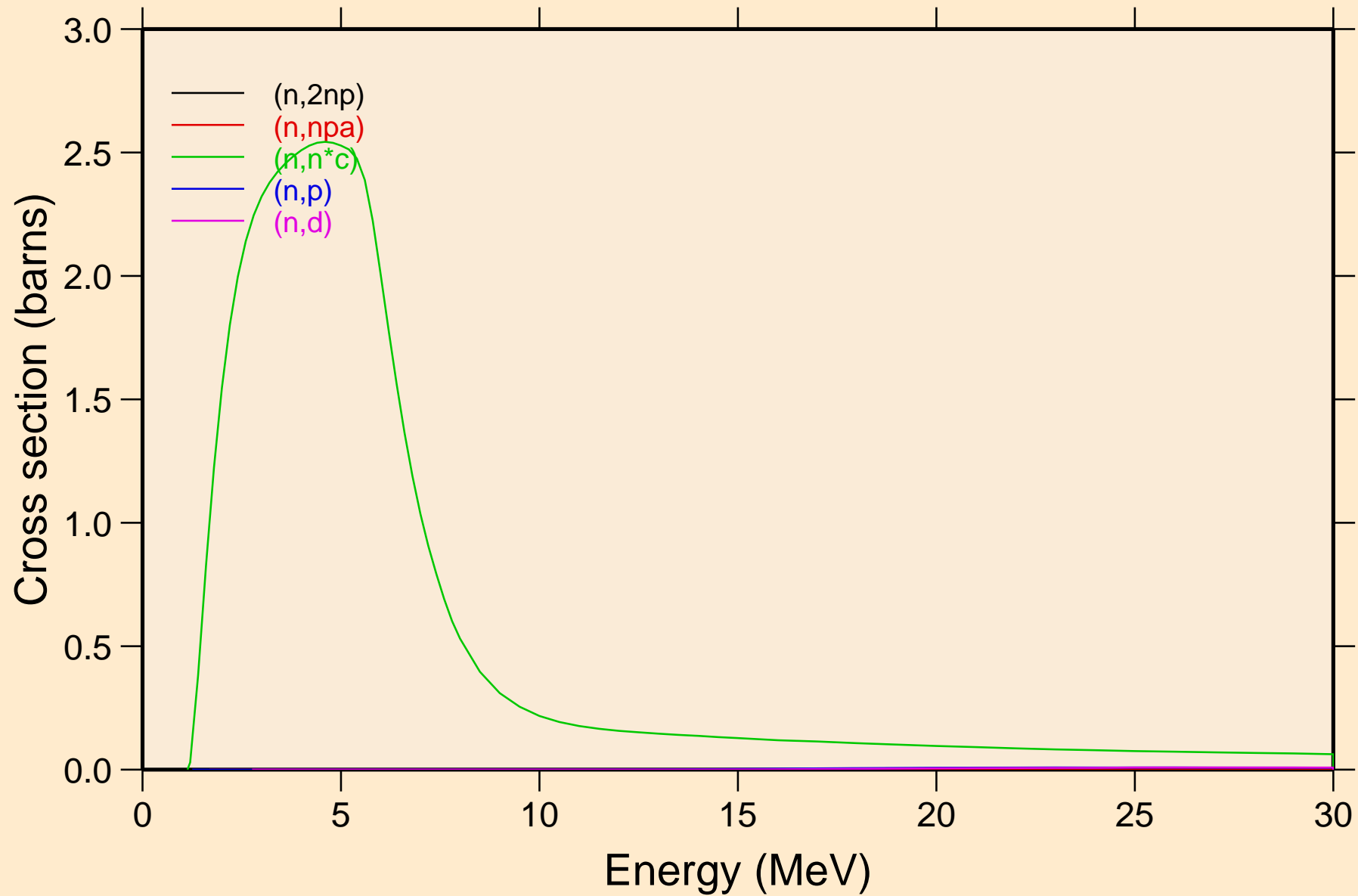
# BI213 NRG TENDL-2015, AKONING

## Threshold reactions



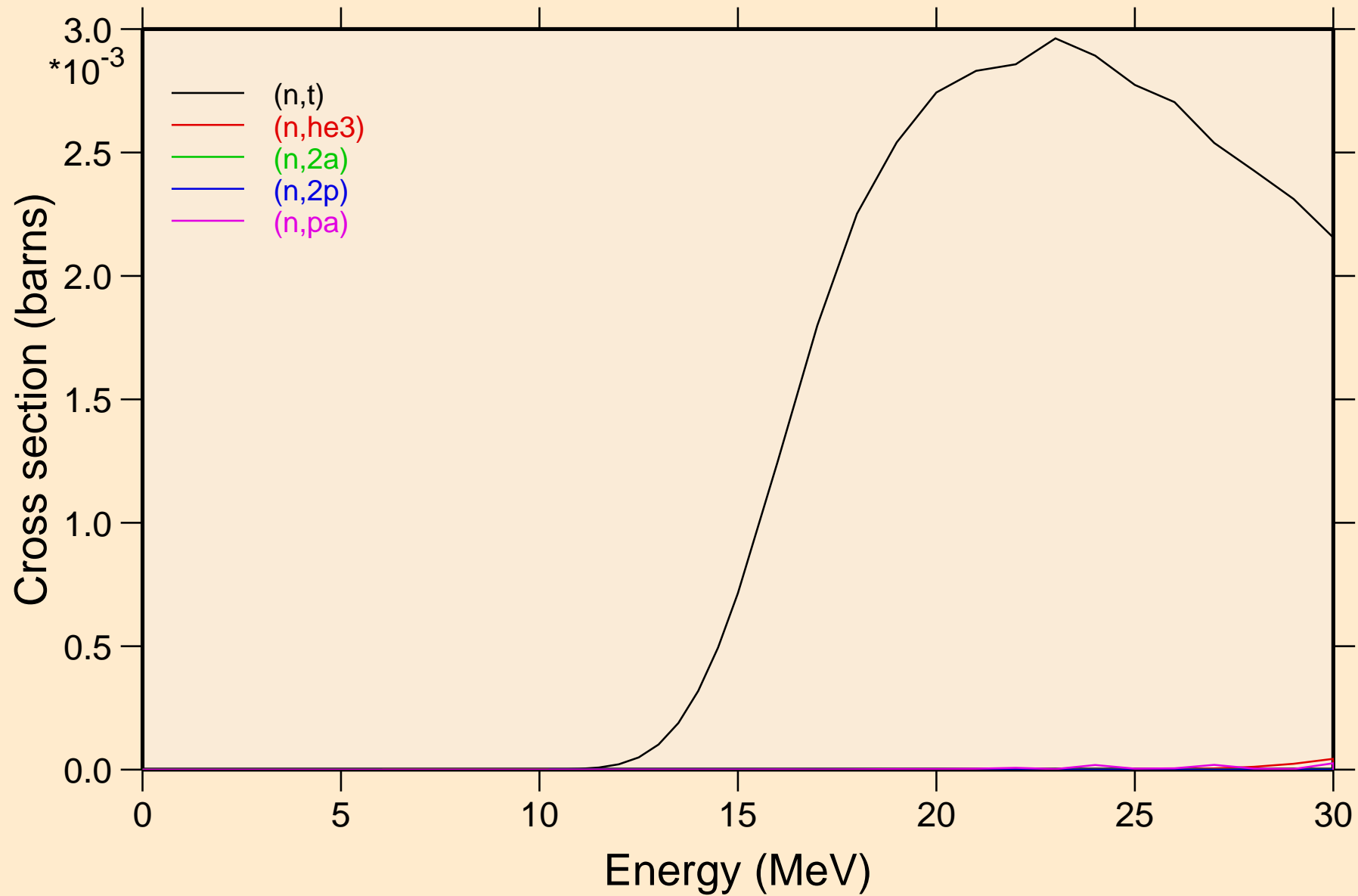
# BI213 NRG TENDL-2015, AKONING

## Threshold reactions



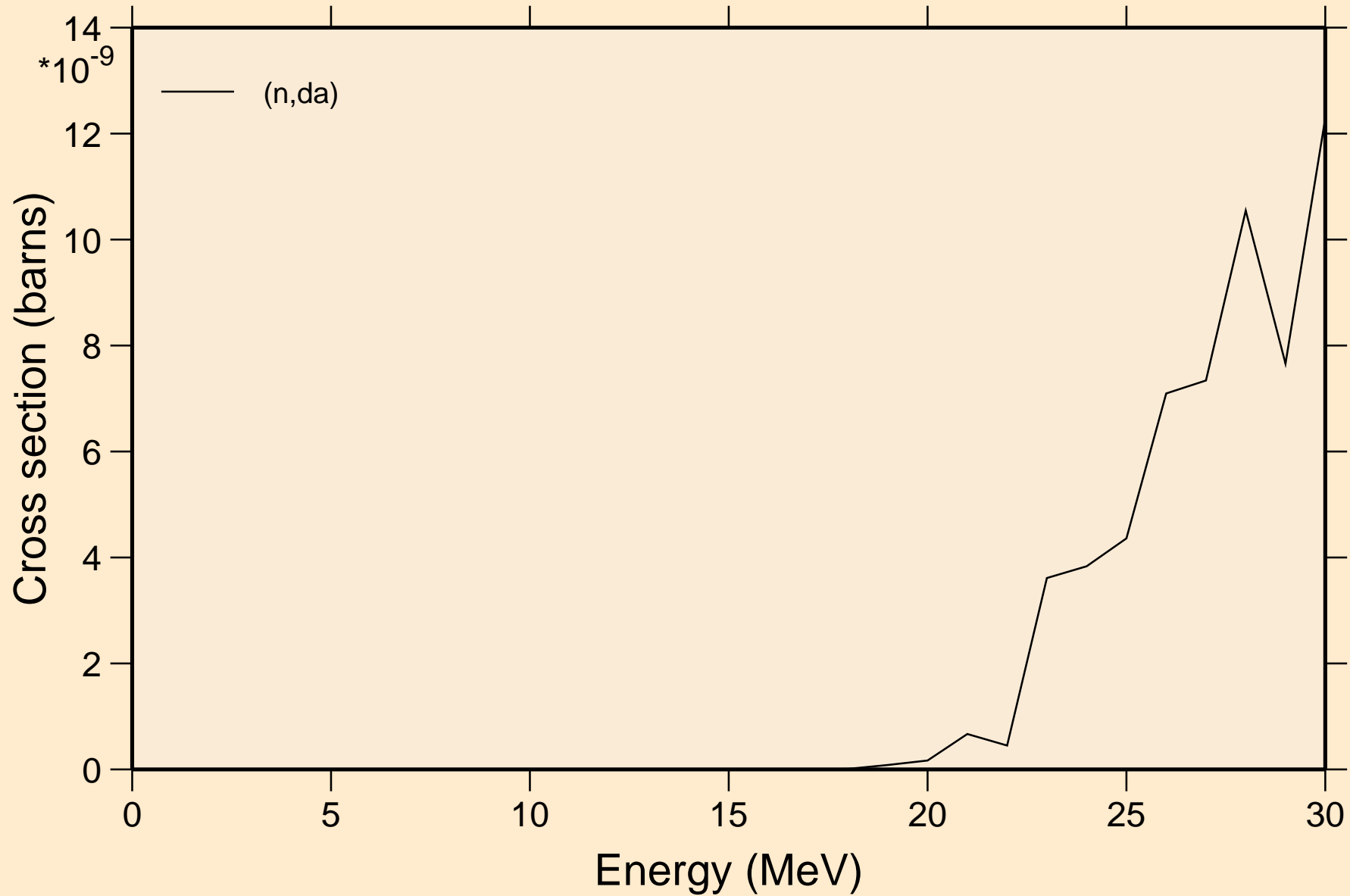
# BI213 NRG TENDL-2015, AKONING

## Threshold reactions

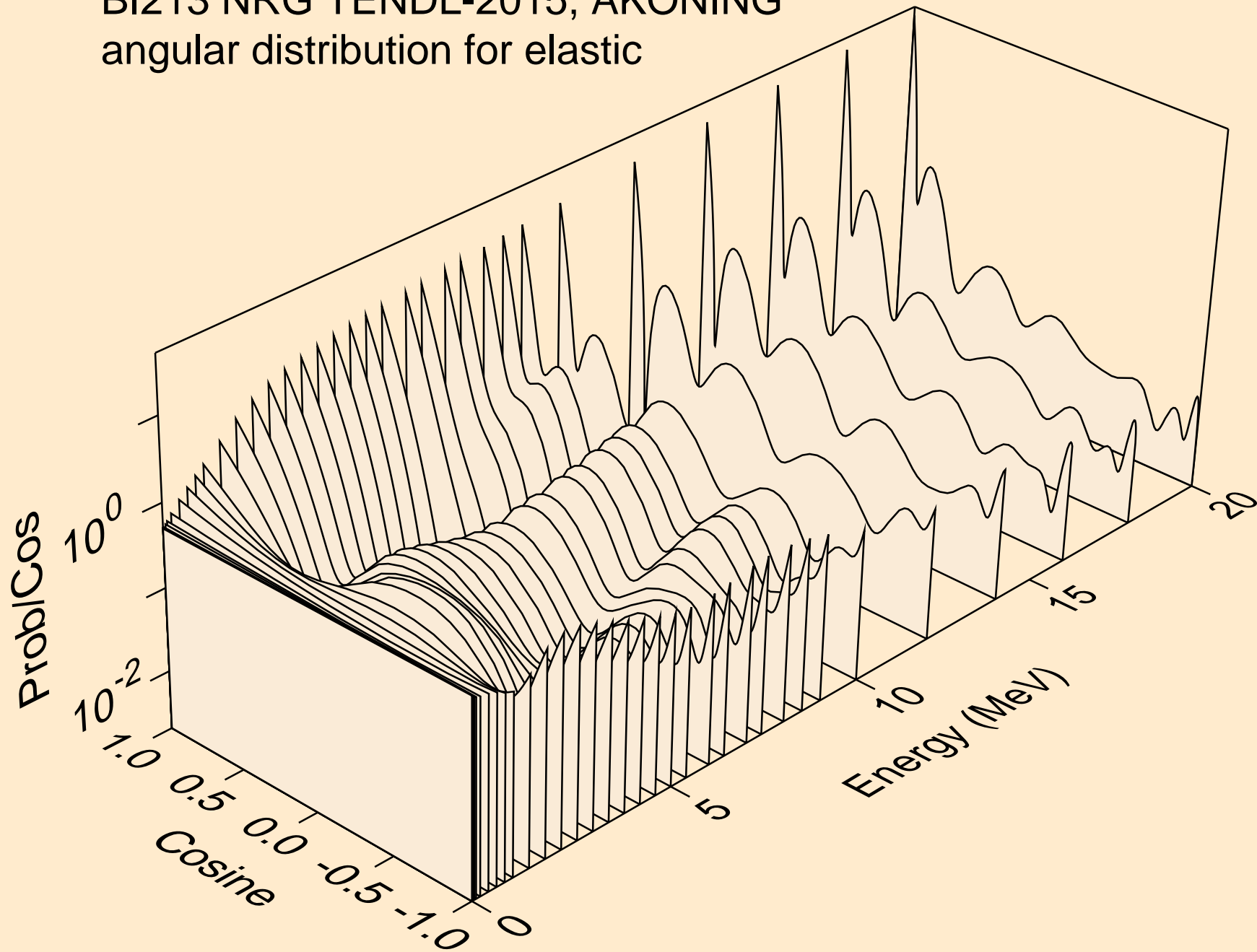


# BI213 NRG TENDL-2015, AKONING

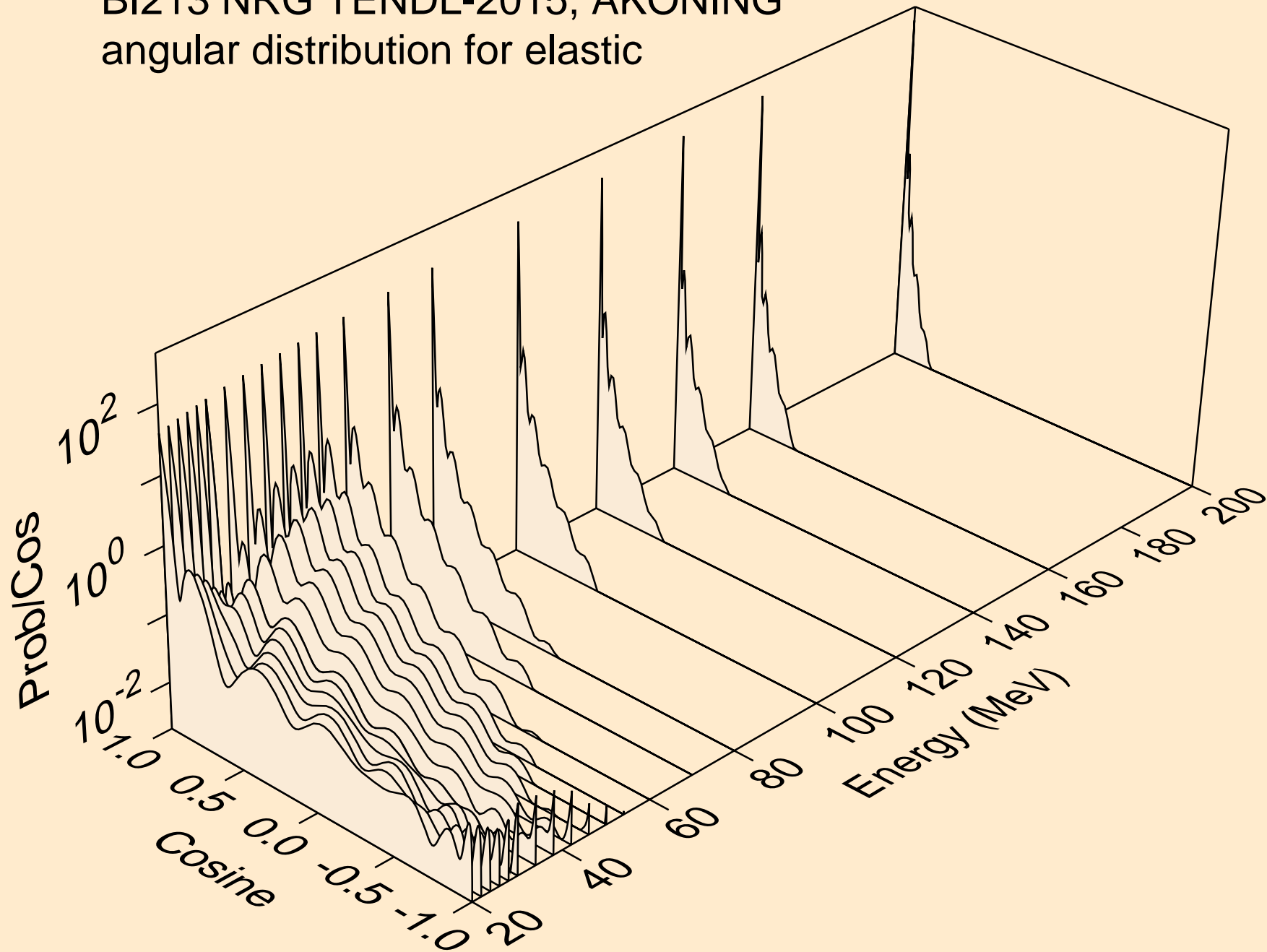
## Threshold reactions



BI213 NRG TENDL-2015, AKONING  
angular distribution for elastic

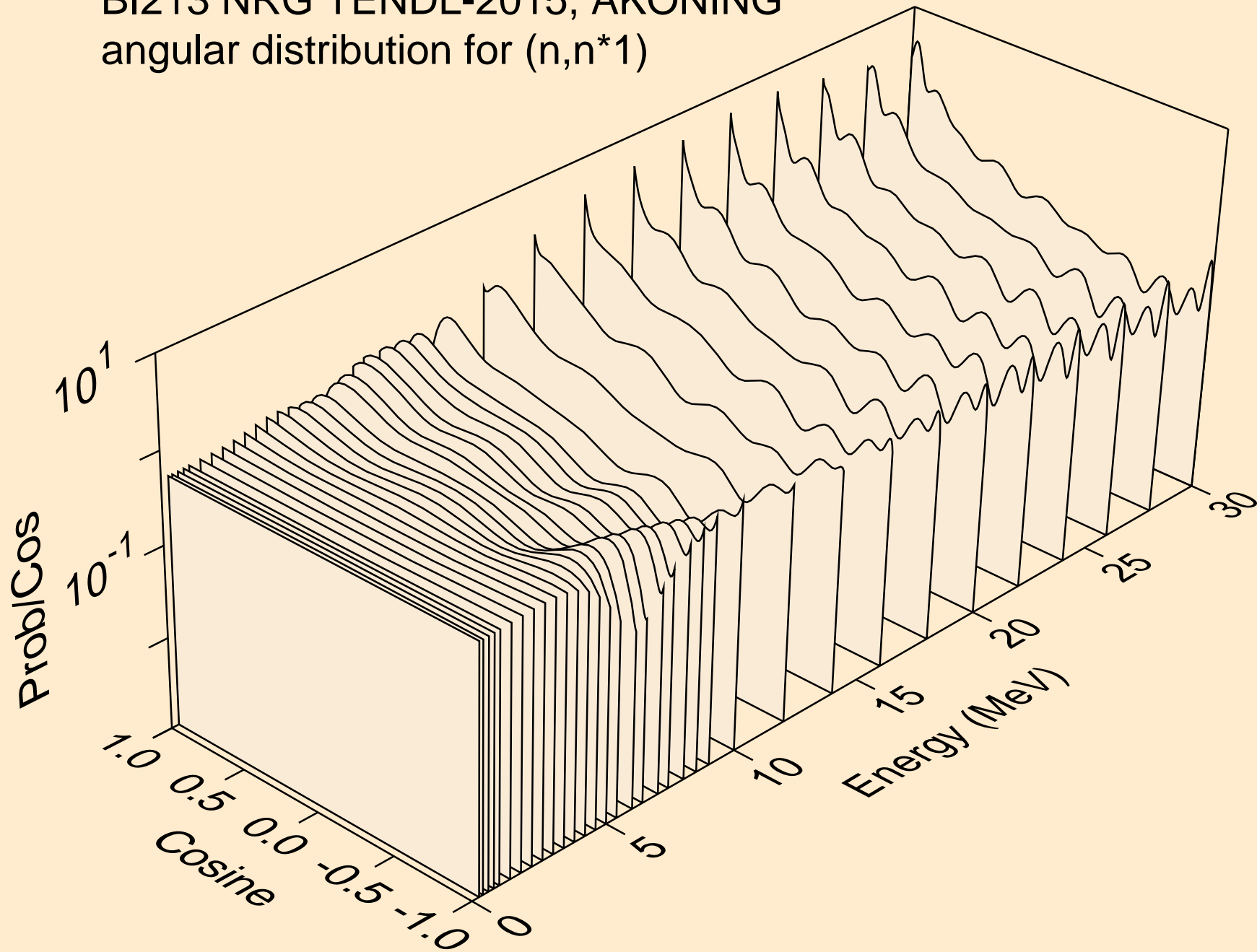


BI213 NRG TENDL-2015, AKONING  
angular distribution for elastic

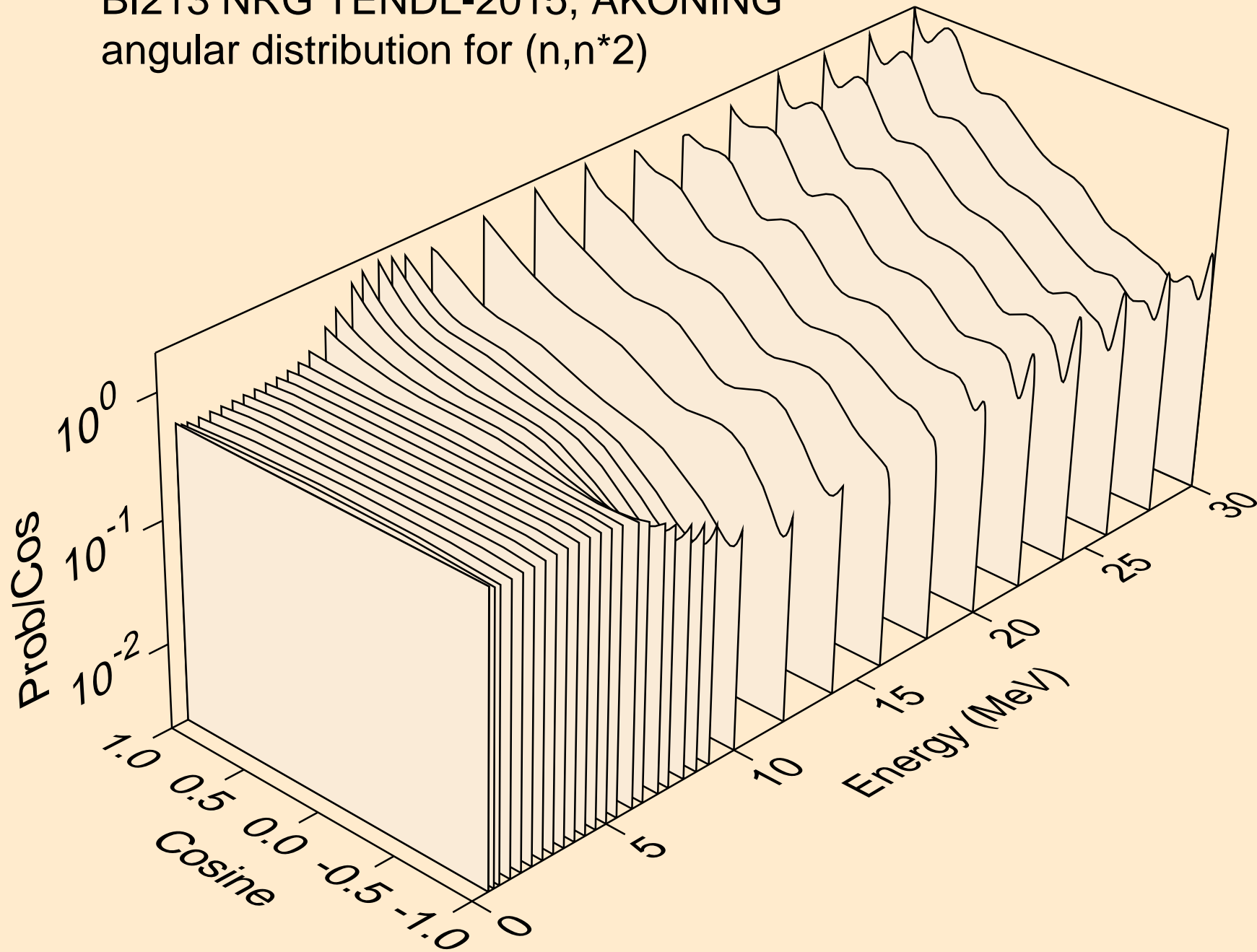




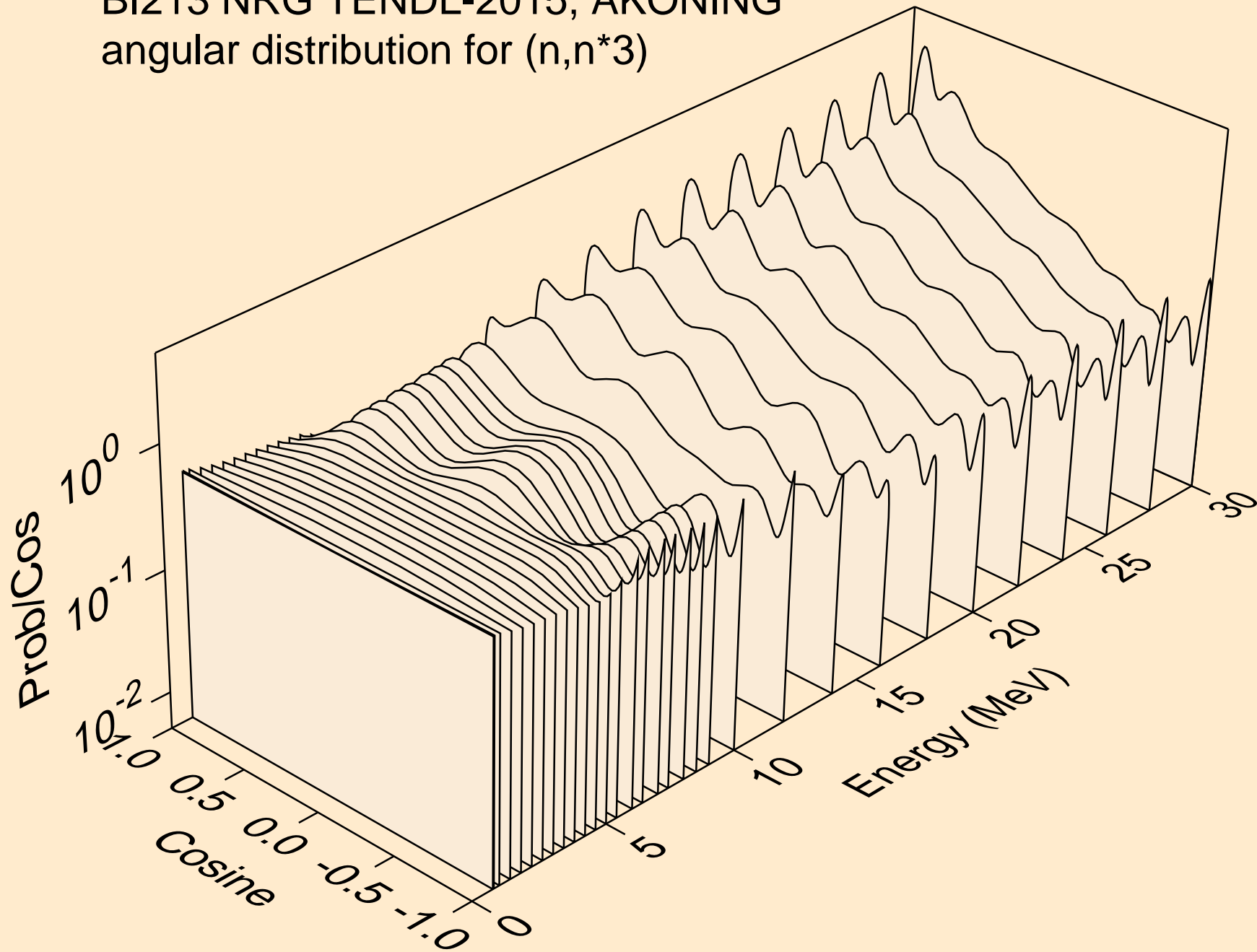
BI213 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



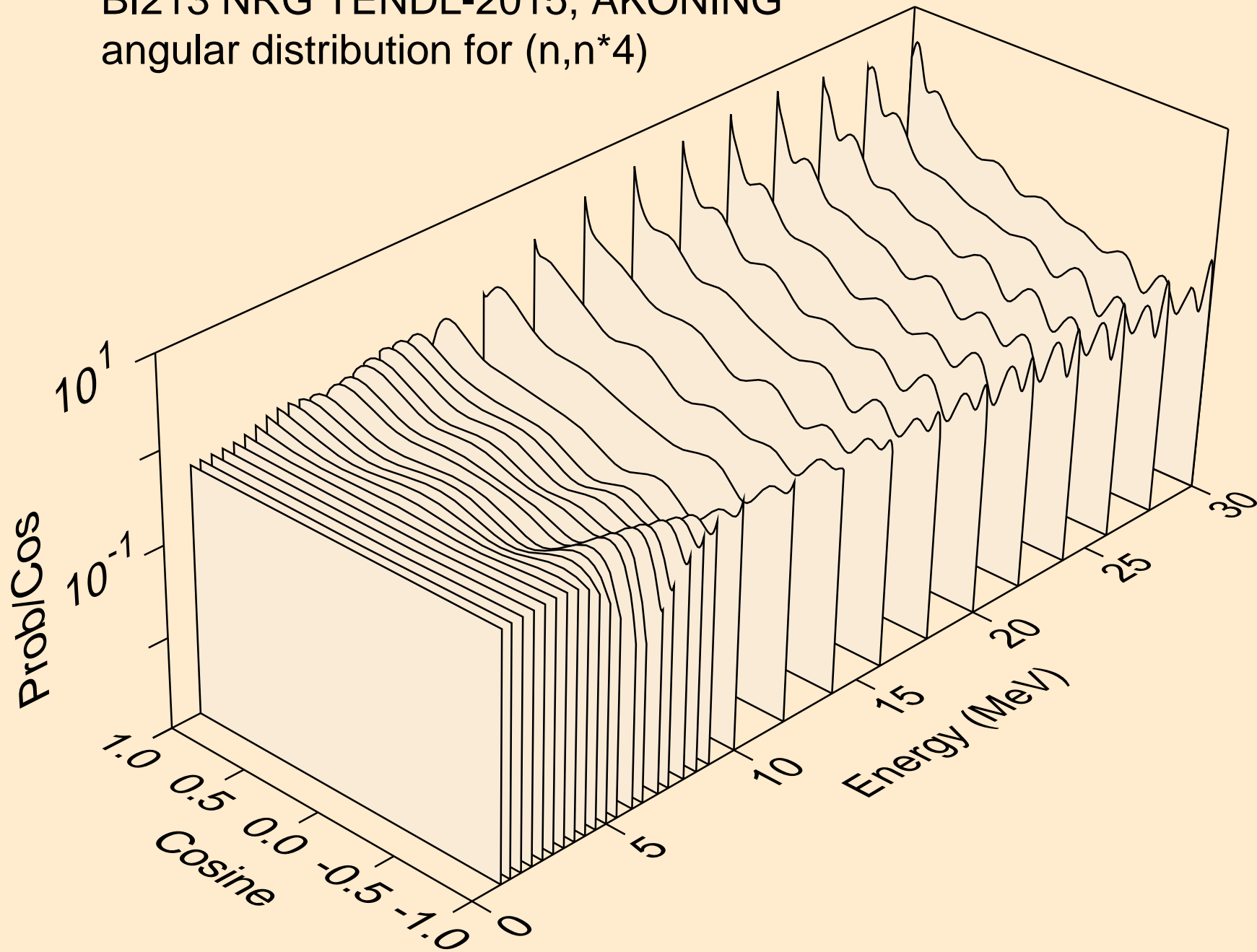
BI213 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



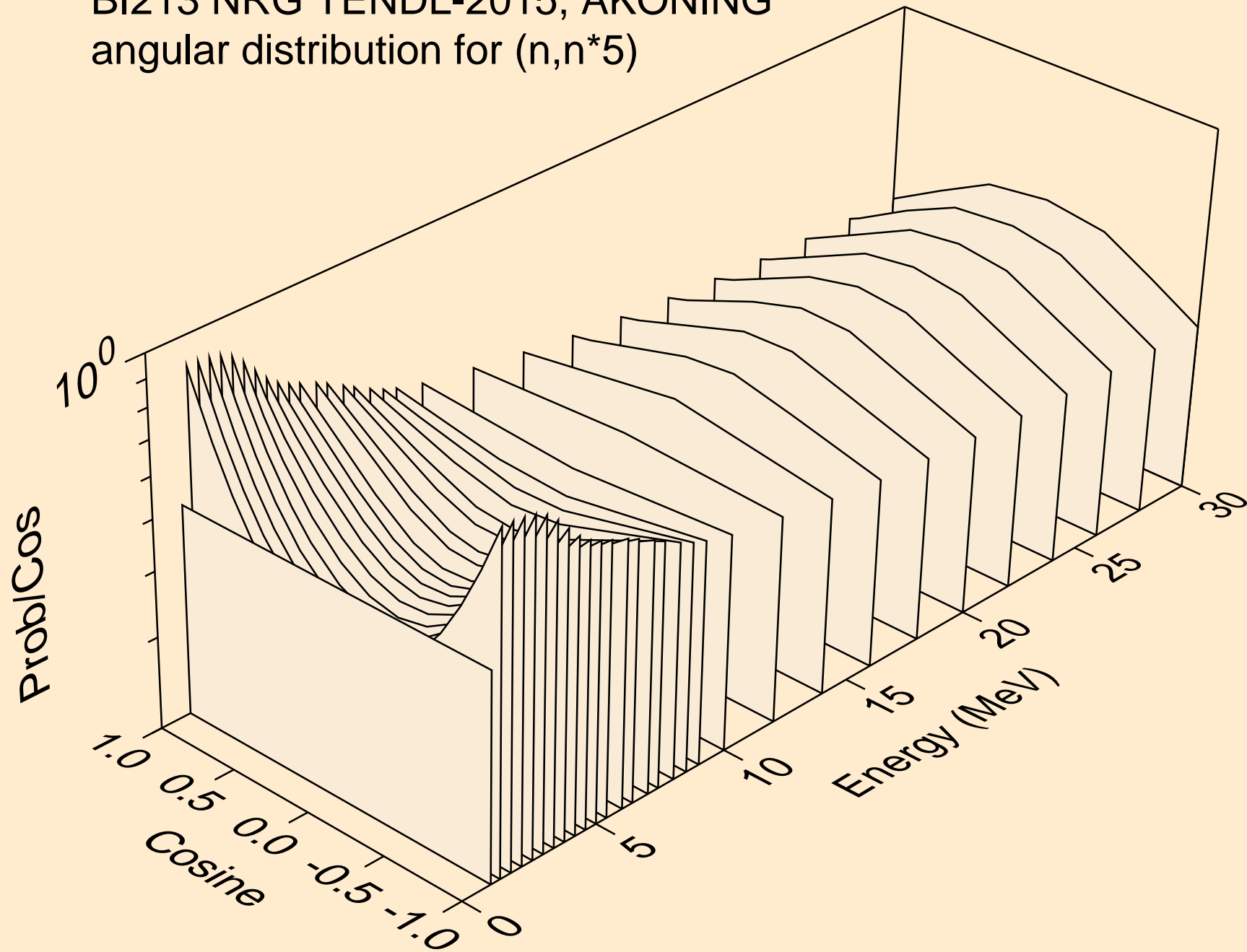
BI213 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



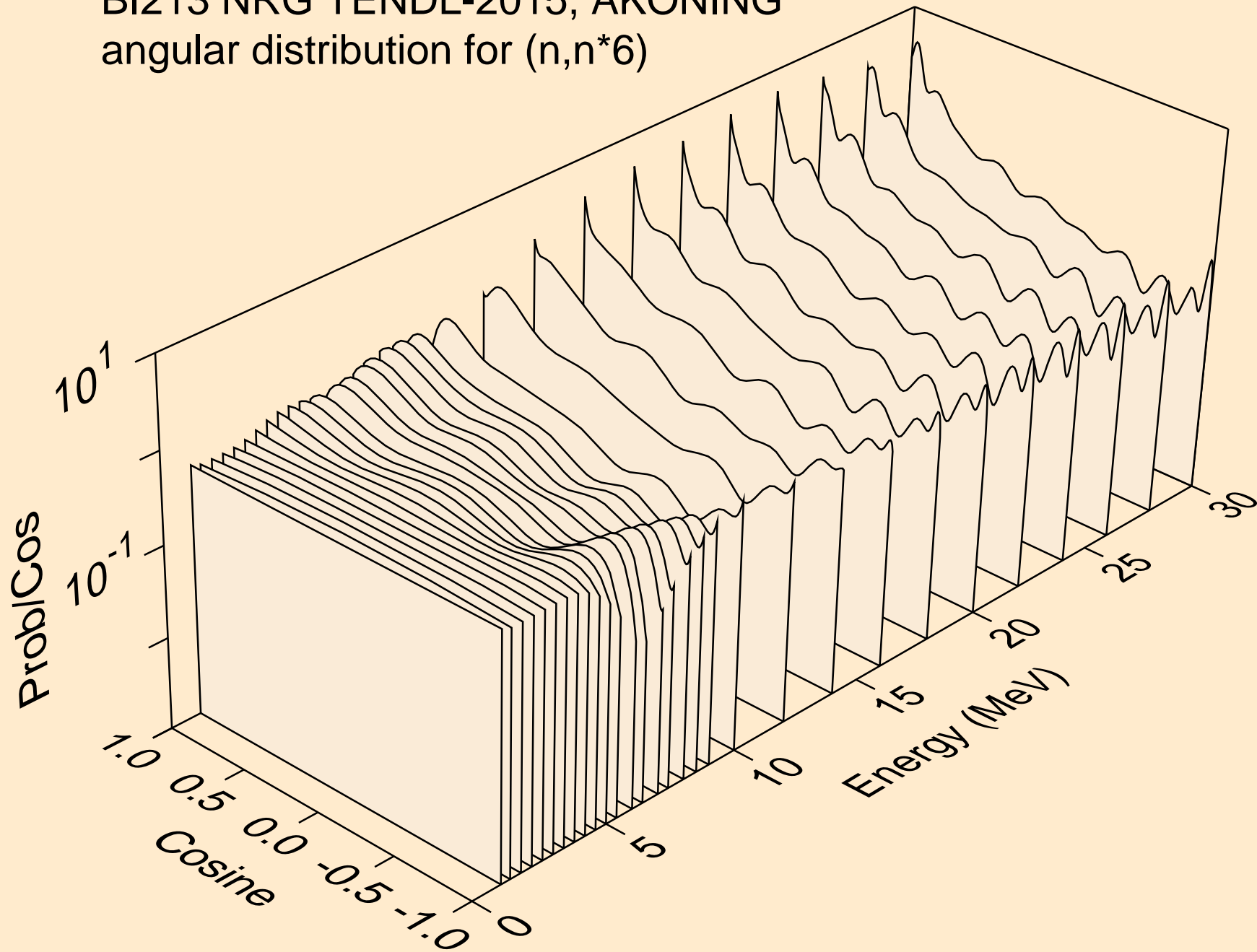
BI213 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



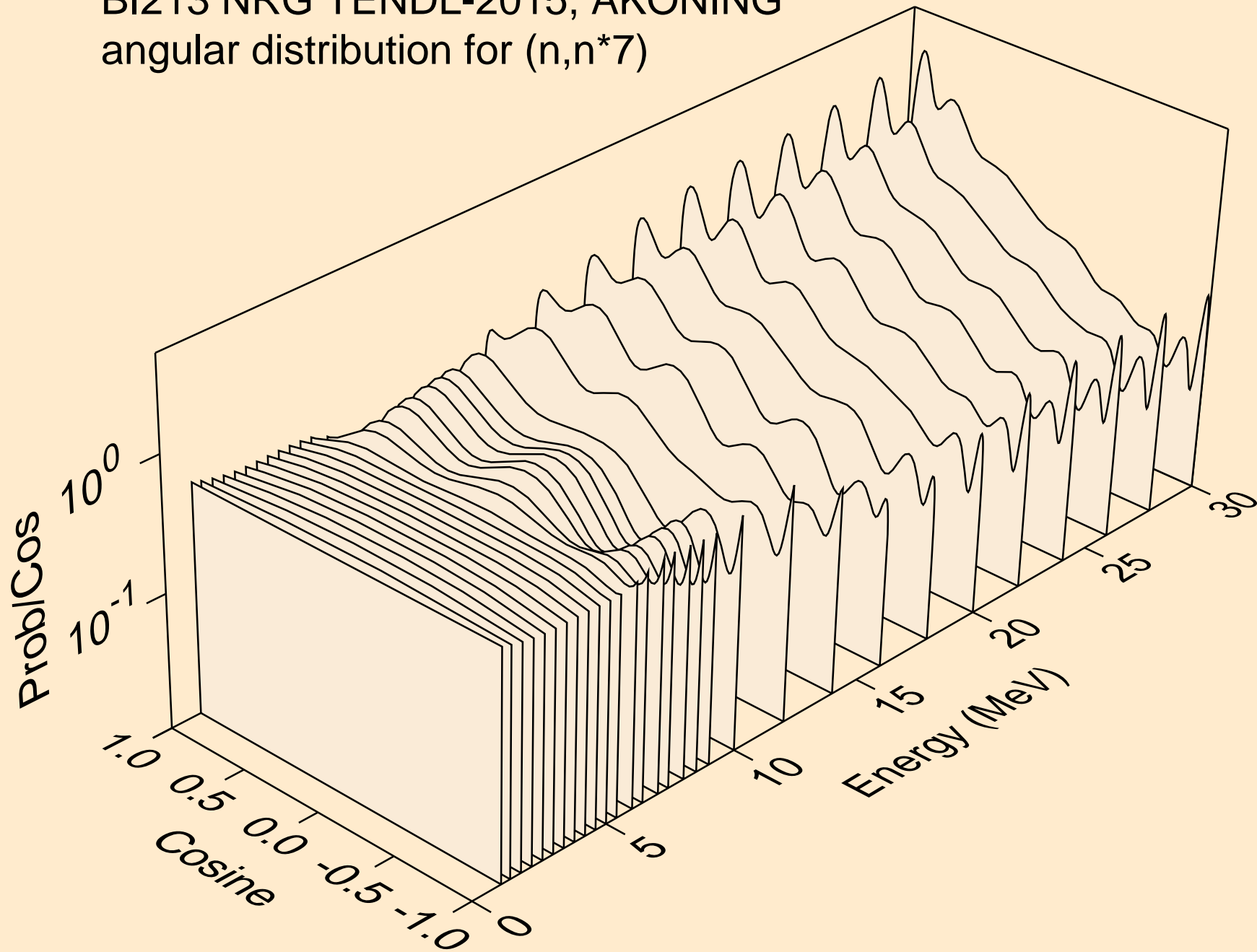
BI213 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



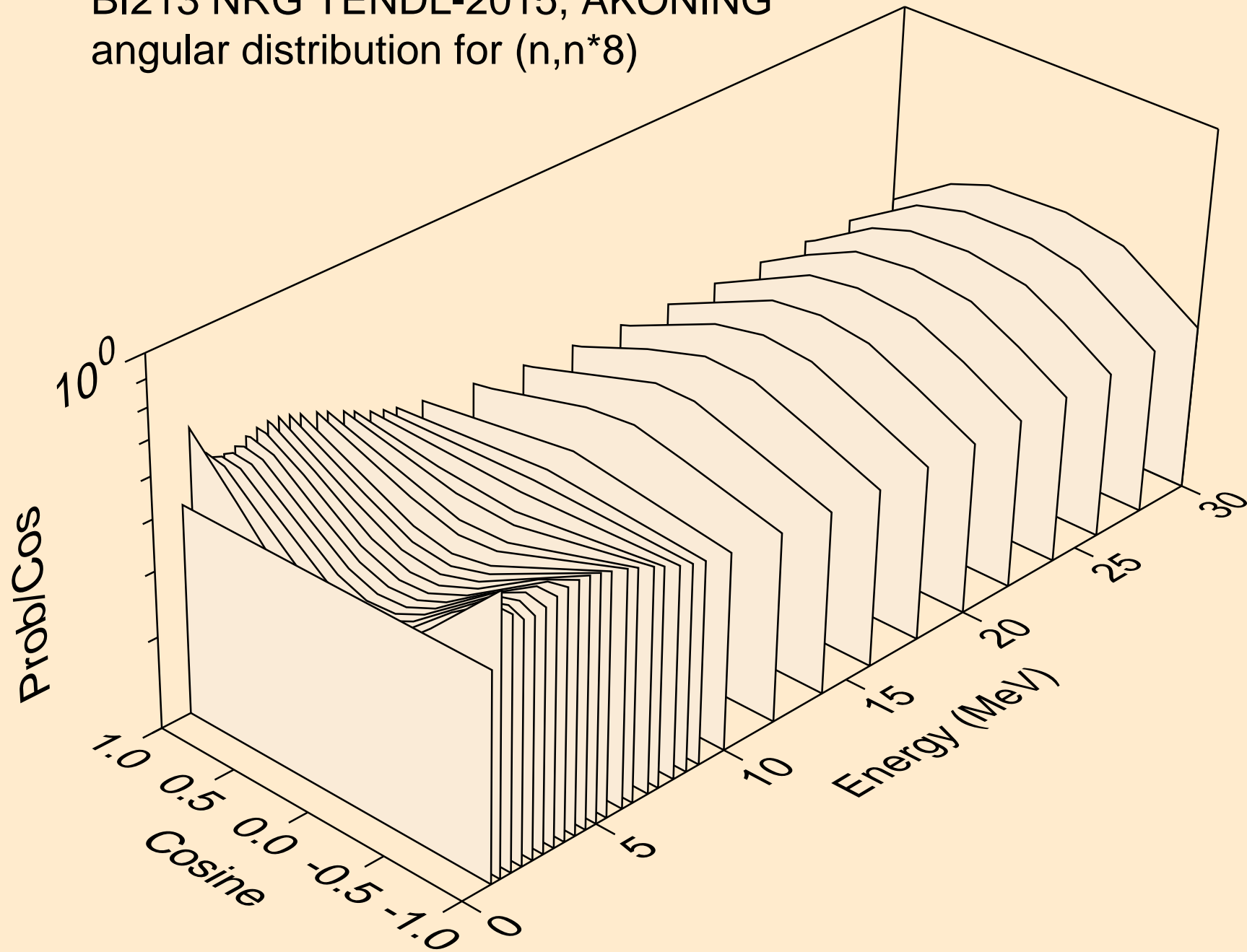
BI213 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



BI213 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

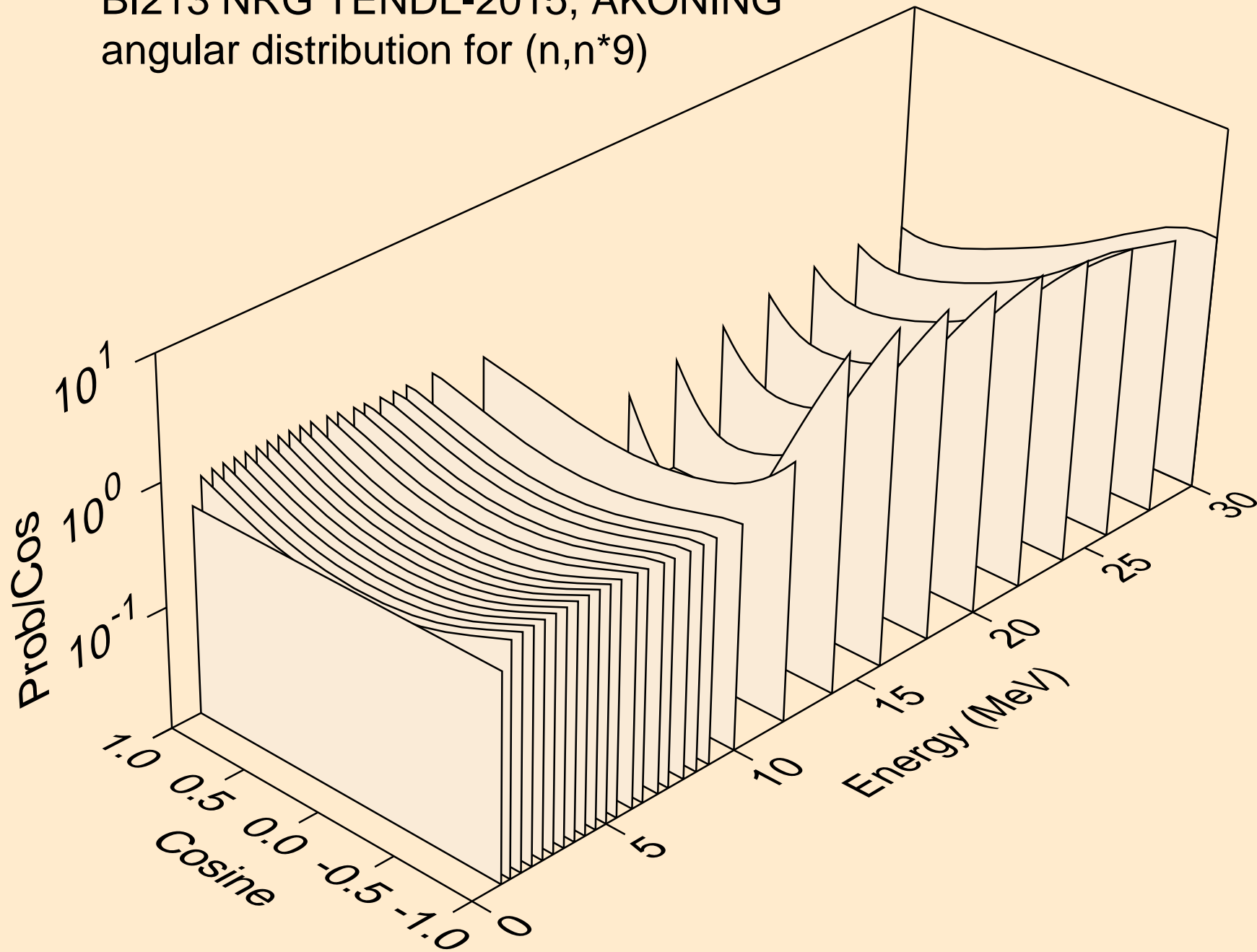


BI213 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)

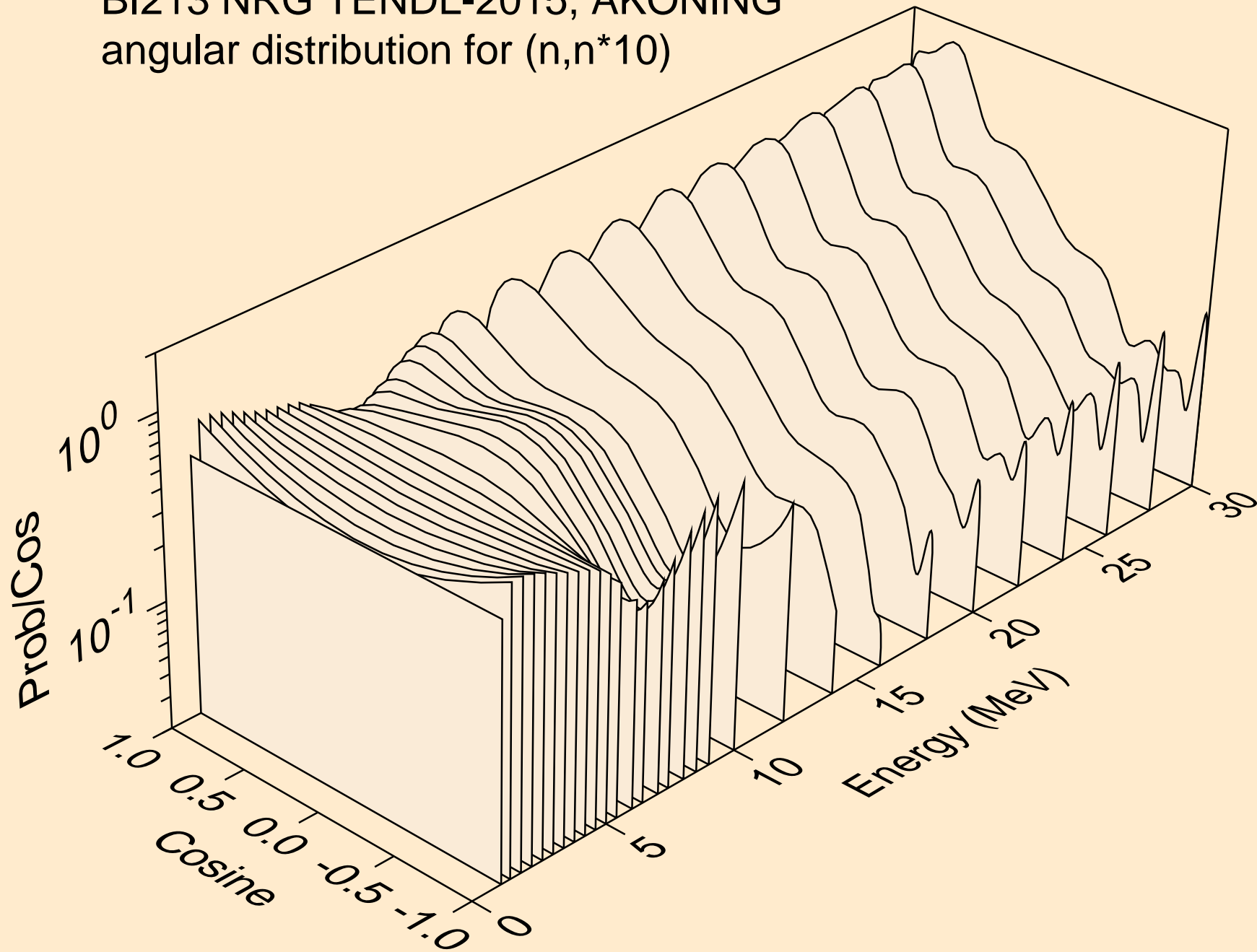




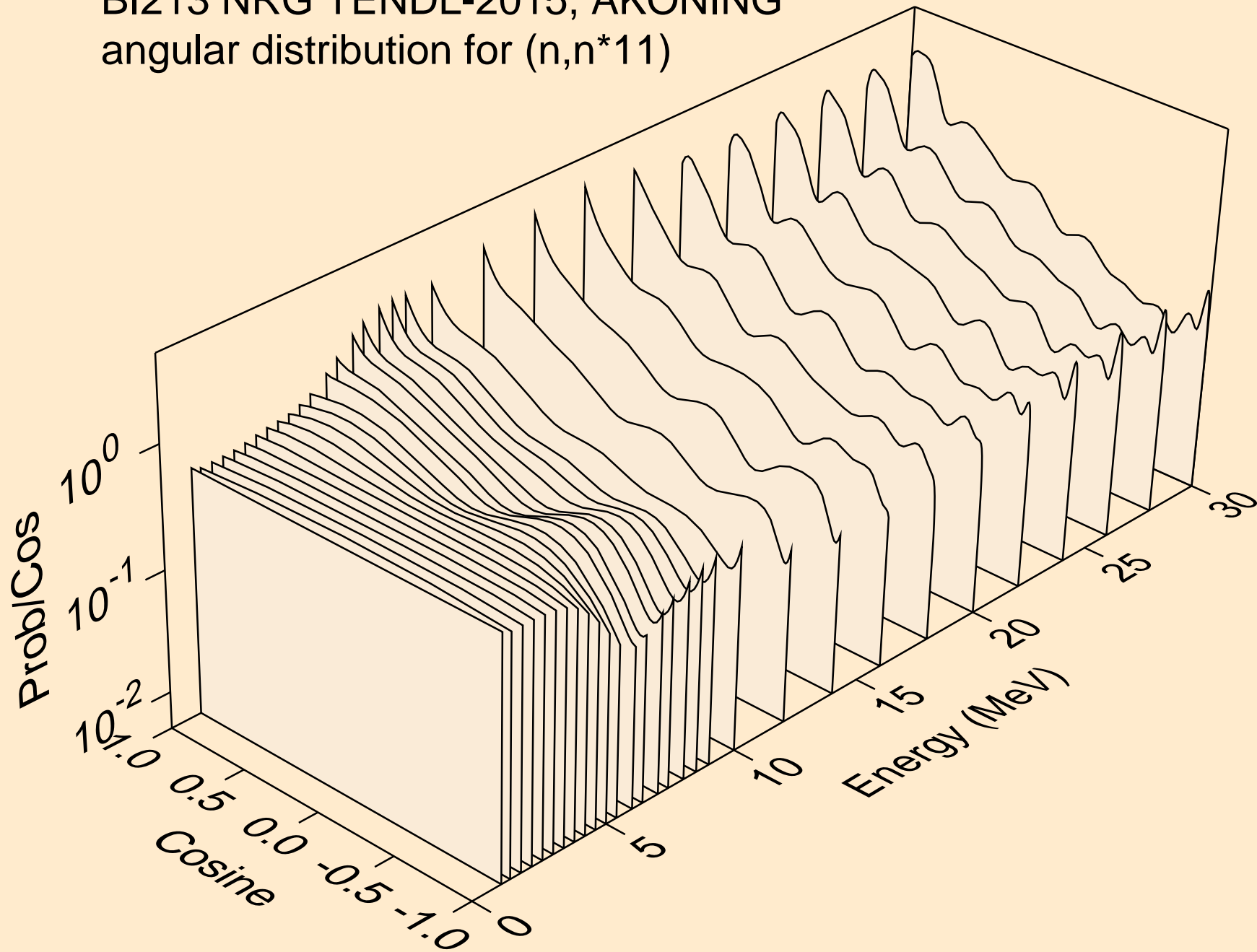
BI213 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



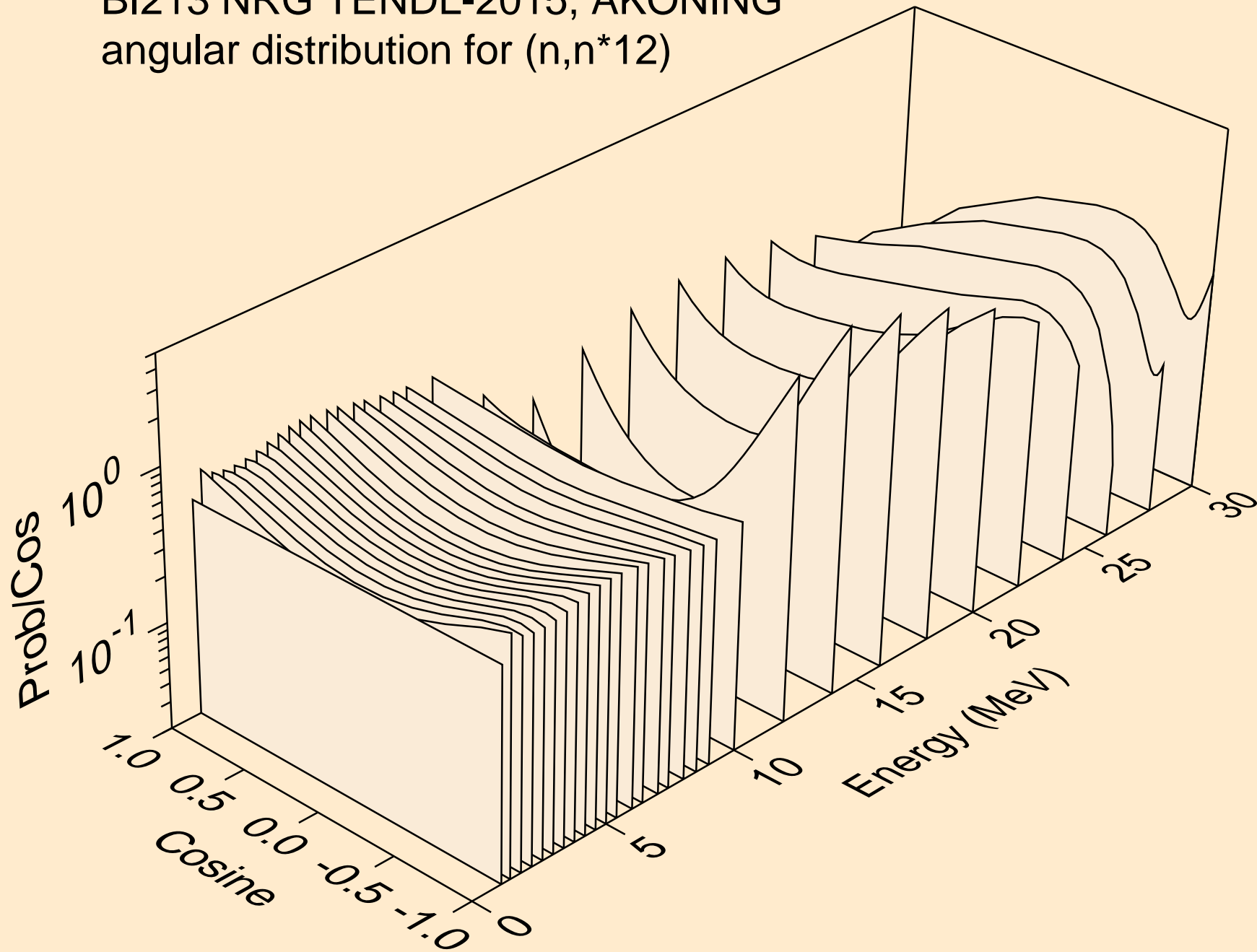
BI213 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



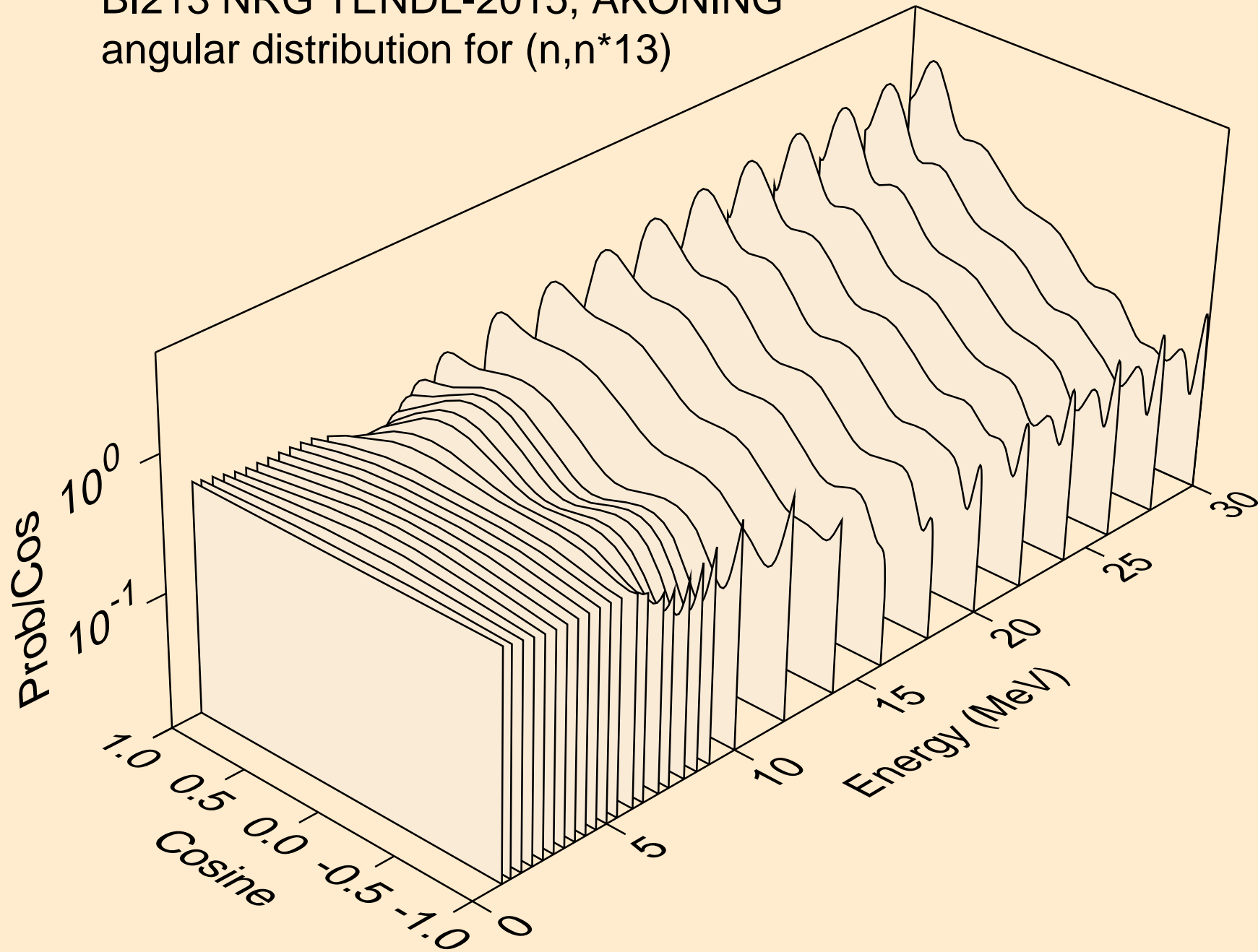
BI213 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



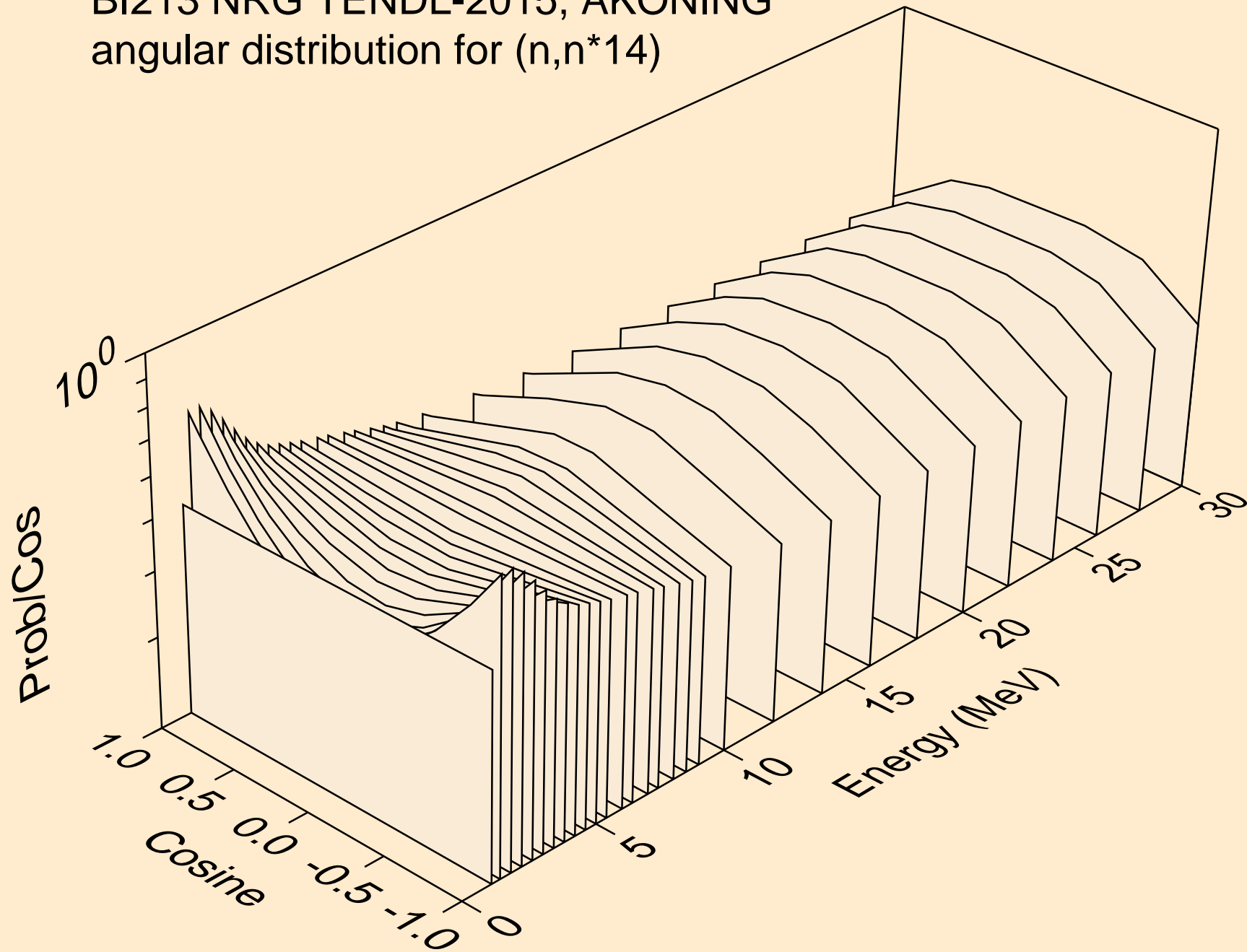
BI213 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



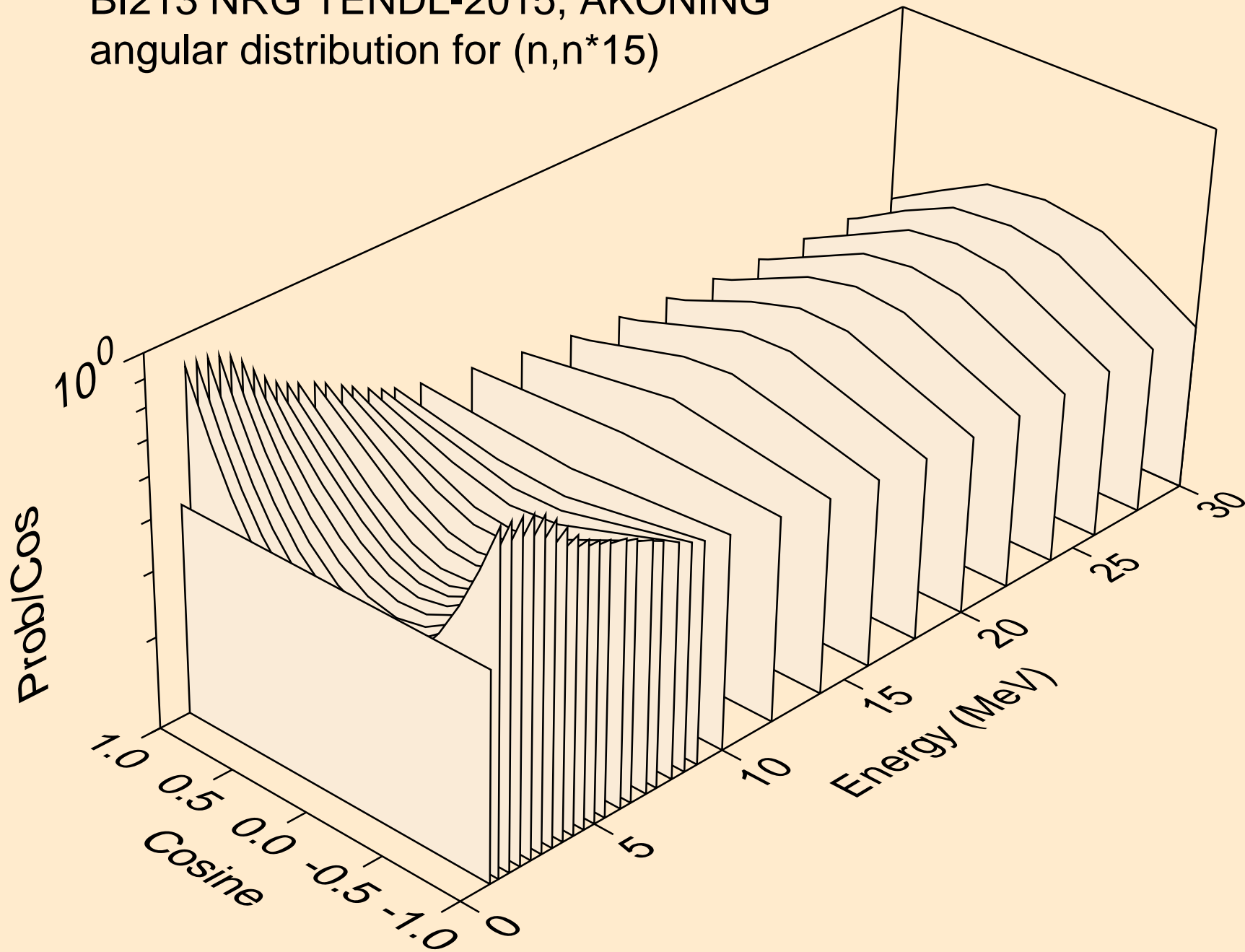
BI213 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



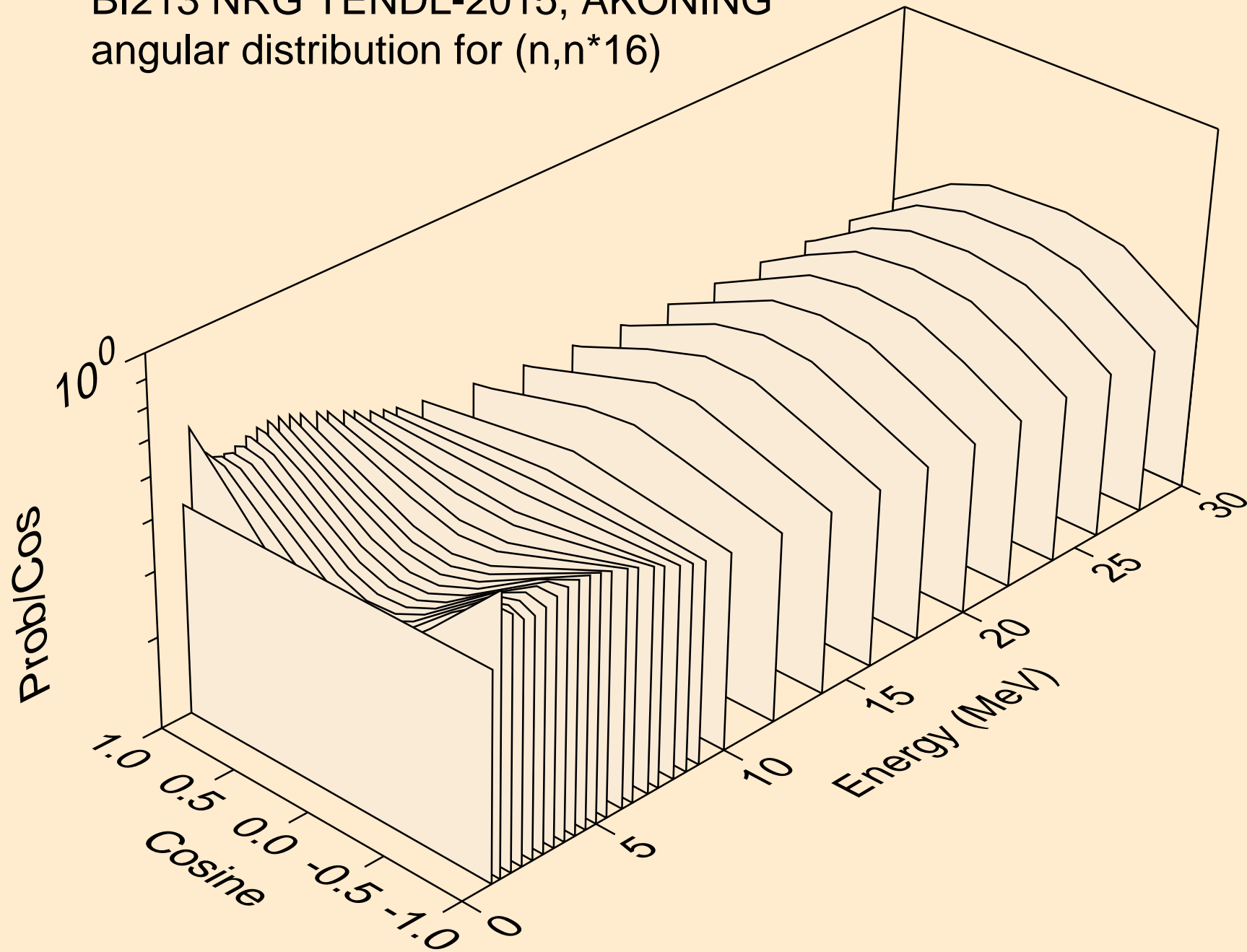
BI213 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



BI213 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

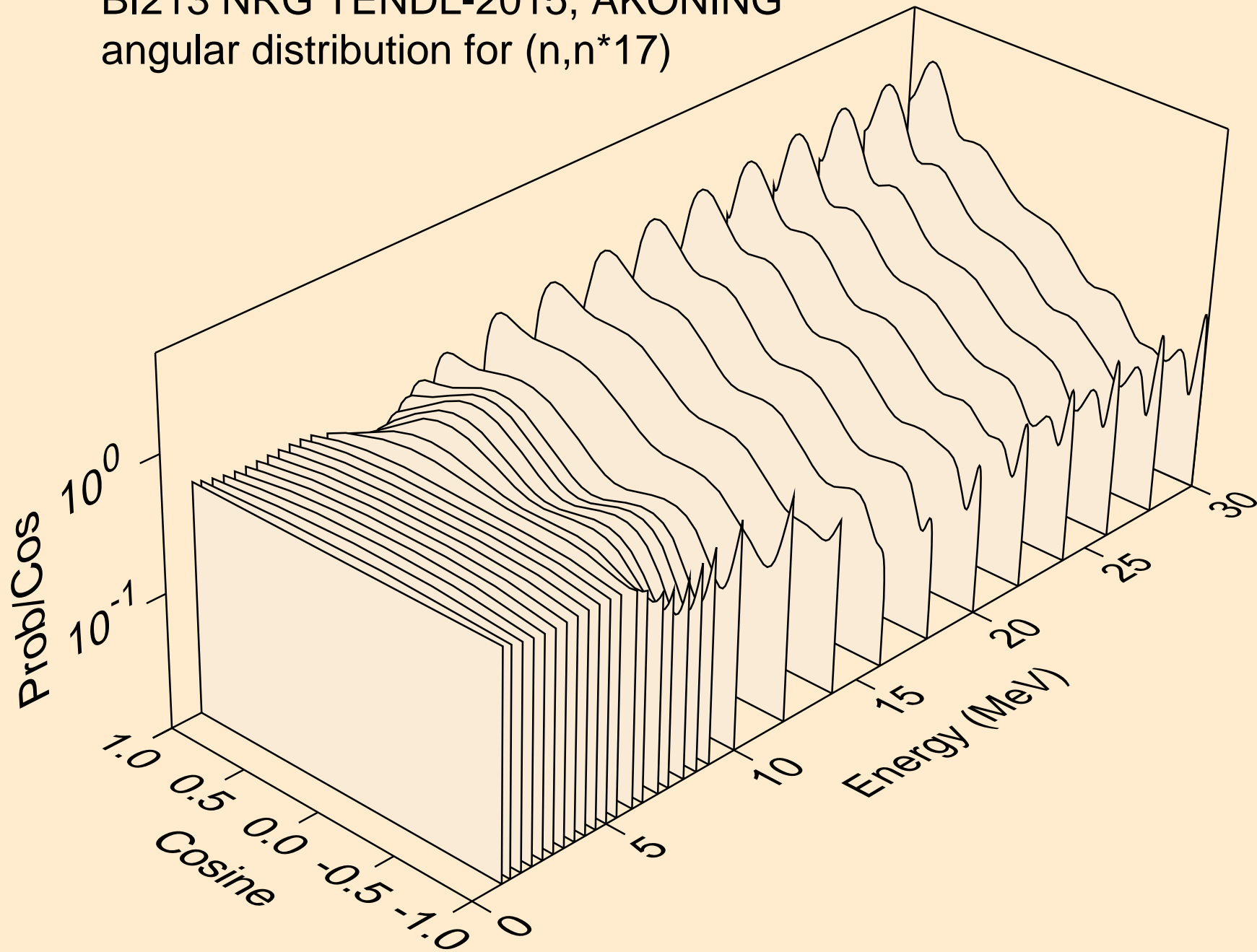


BI213 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)

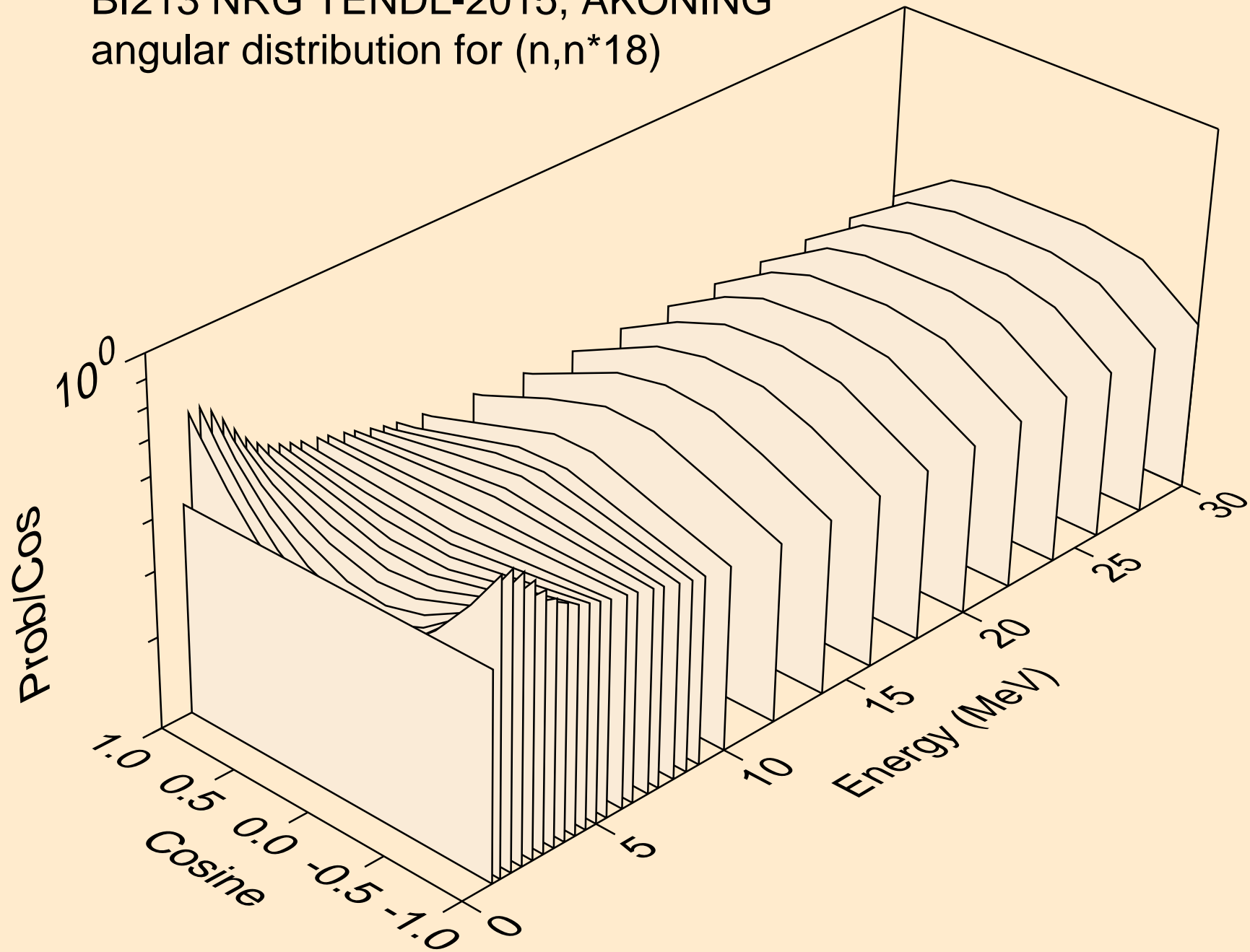




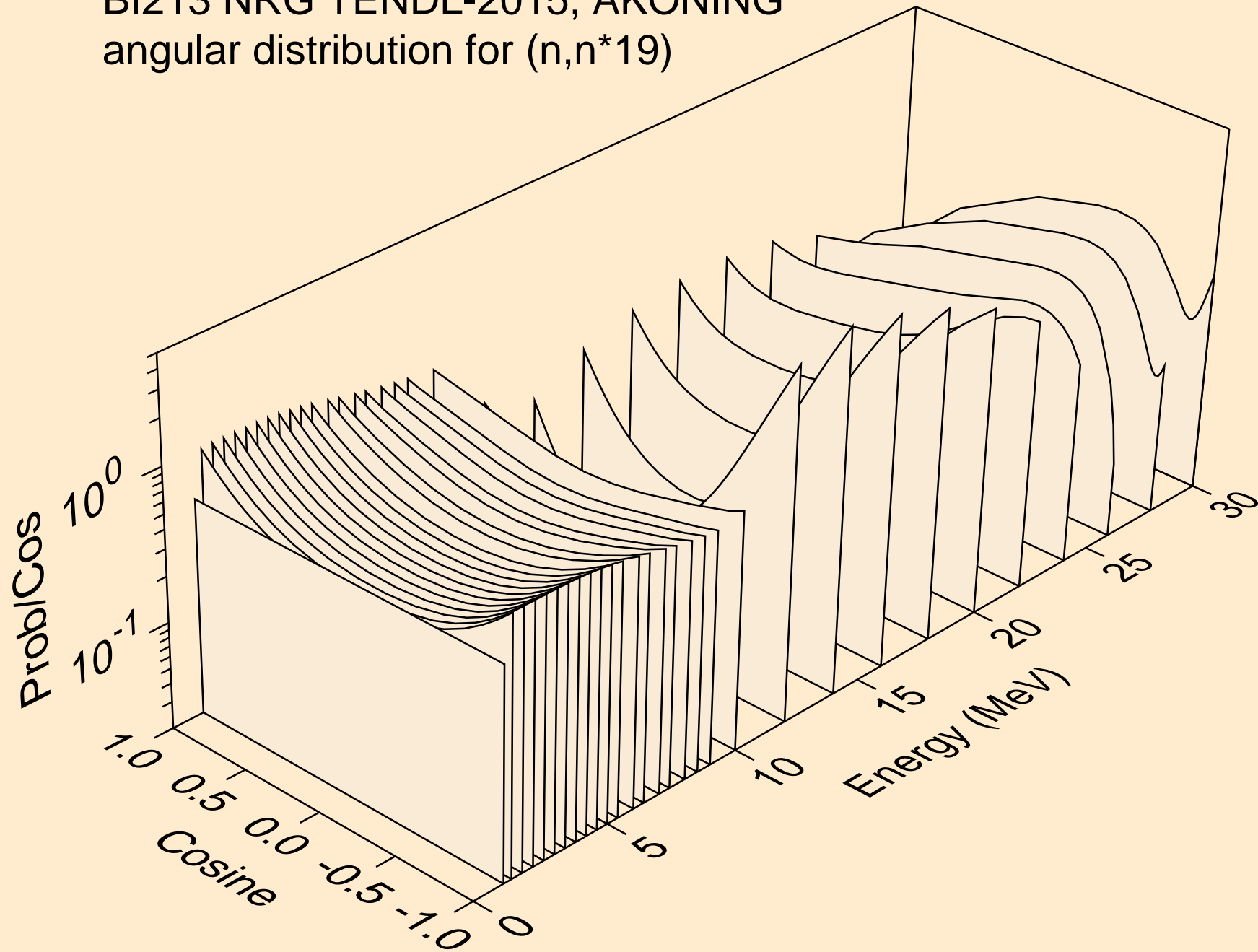
BI213 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



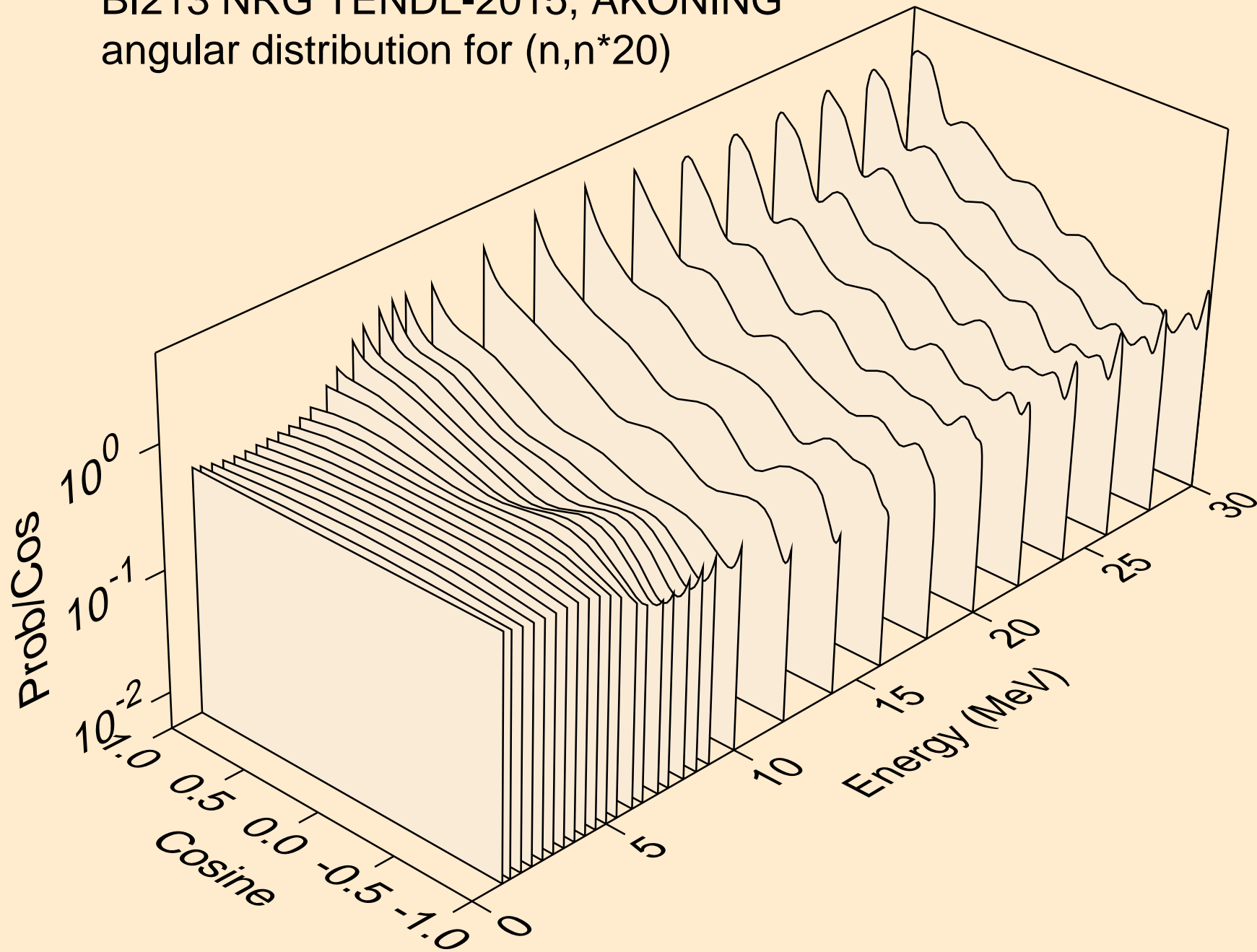
BI213 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



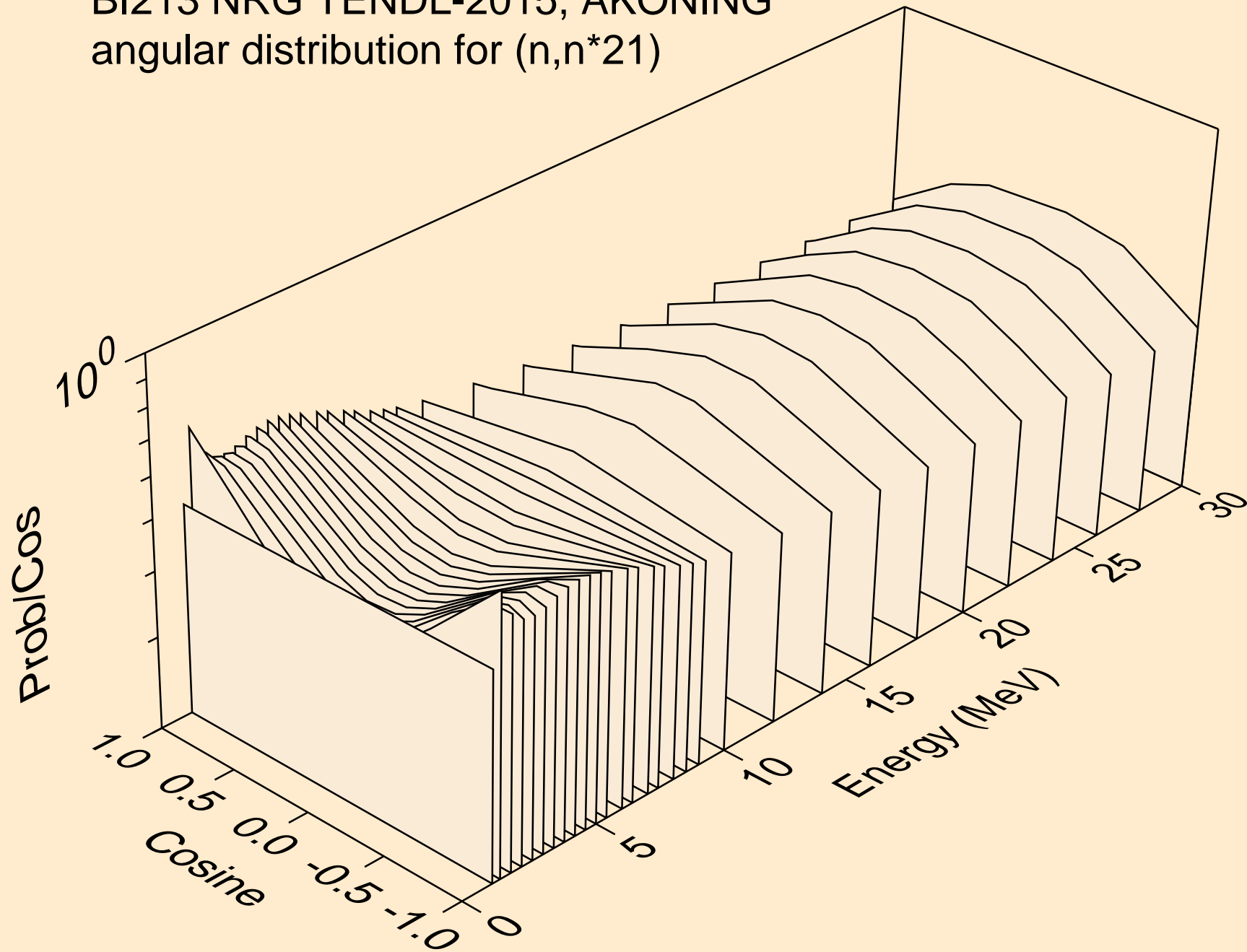
BI213 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



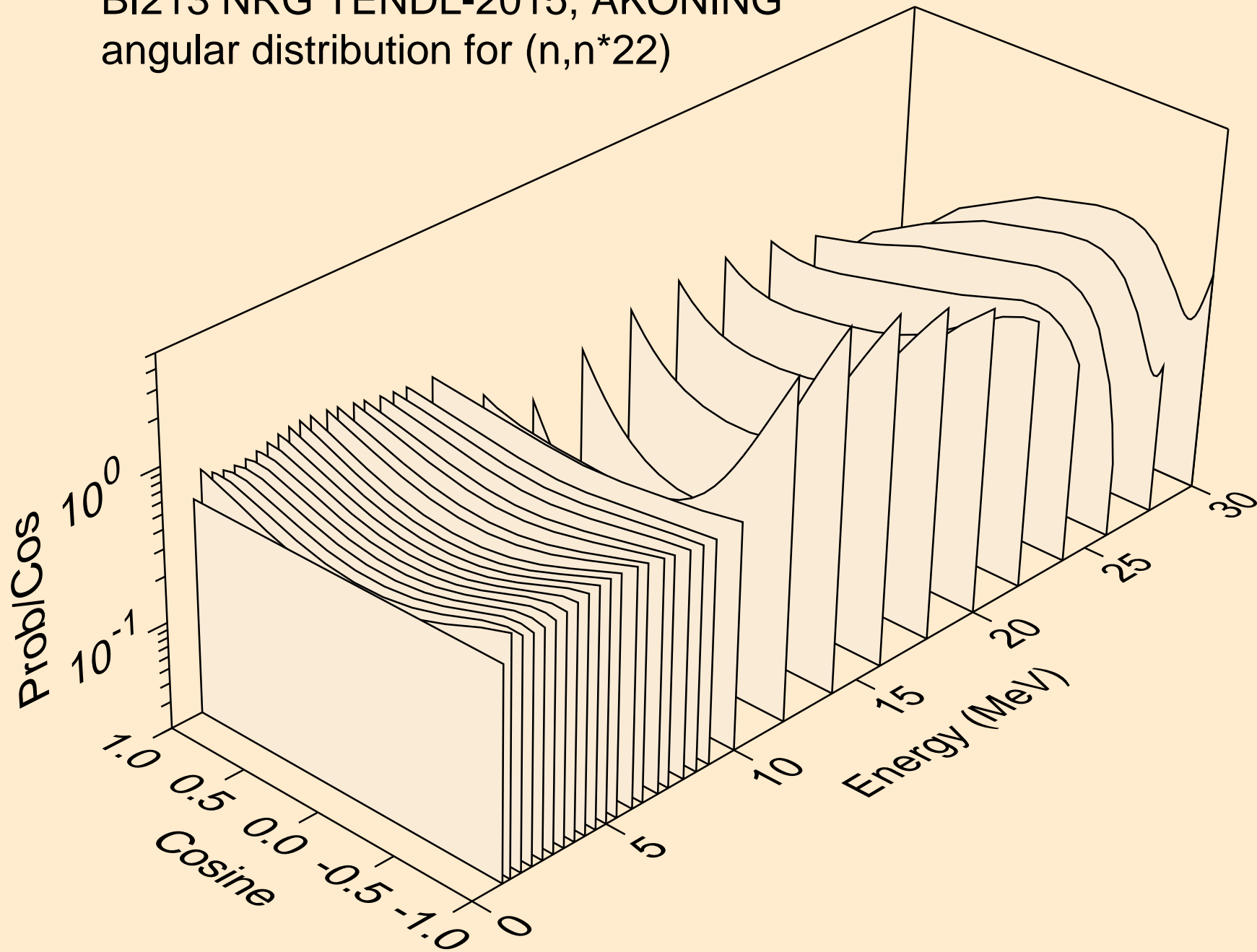
BI213 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



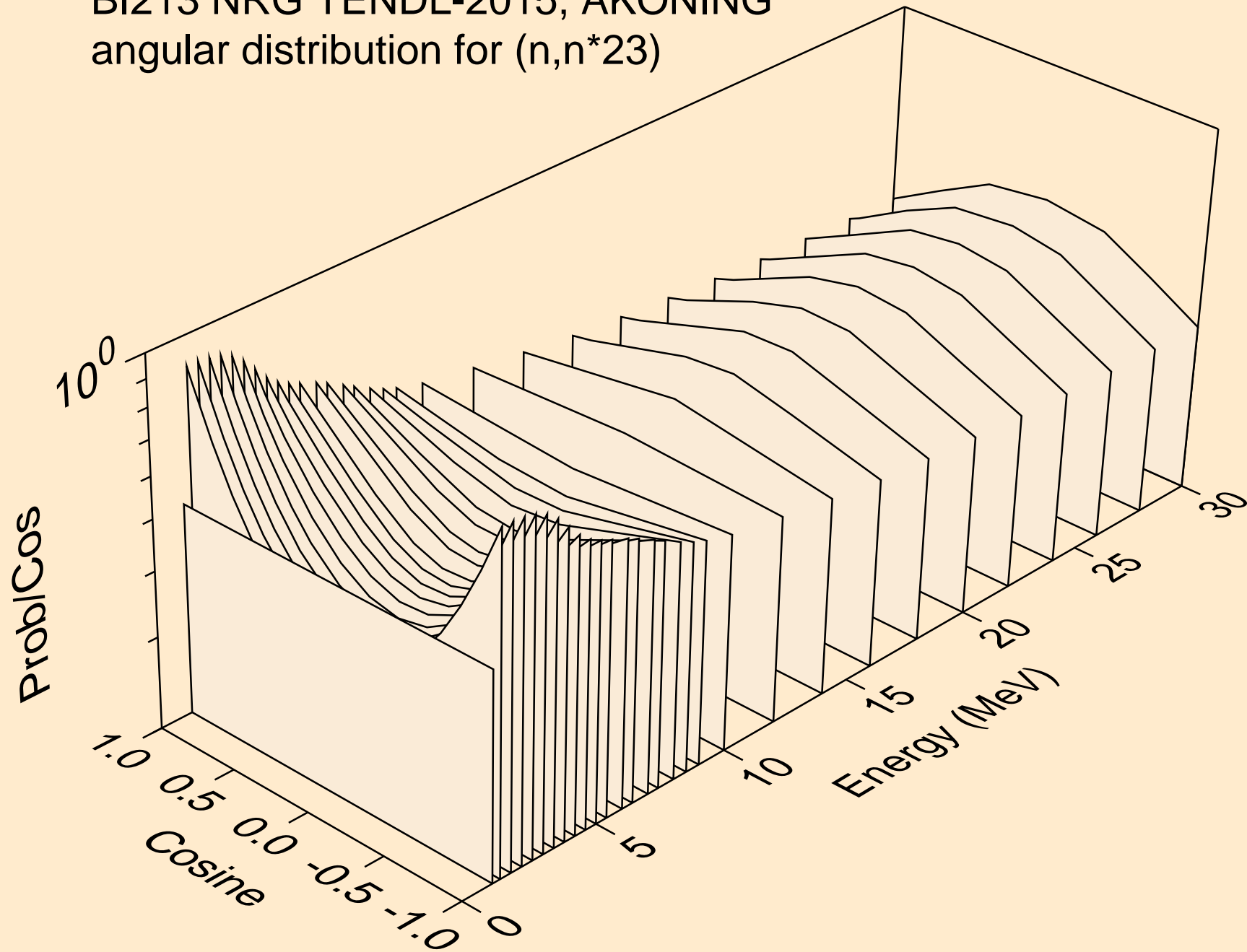
BI213 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



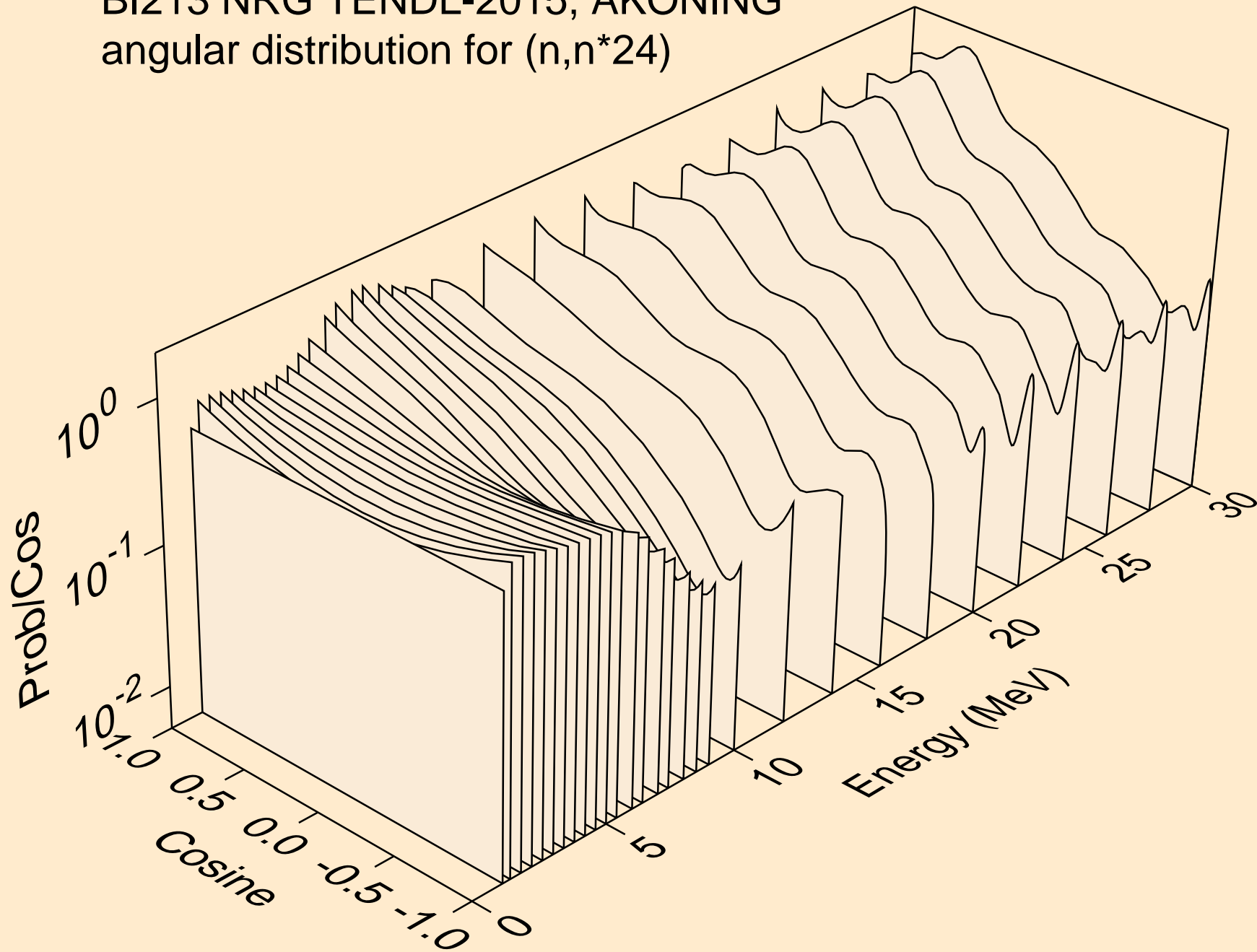
BI213 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



BI213 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)

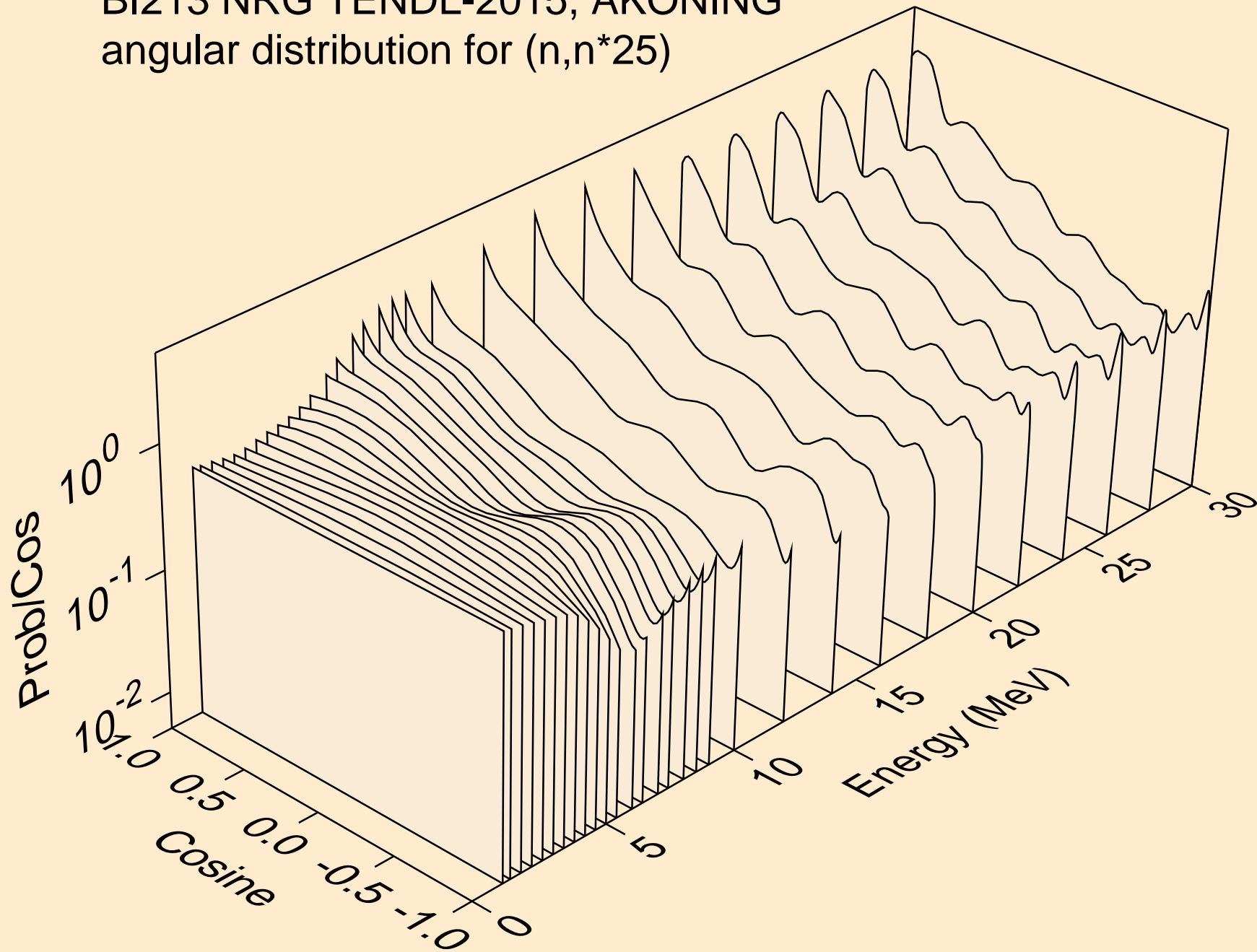


BI213 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)

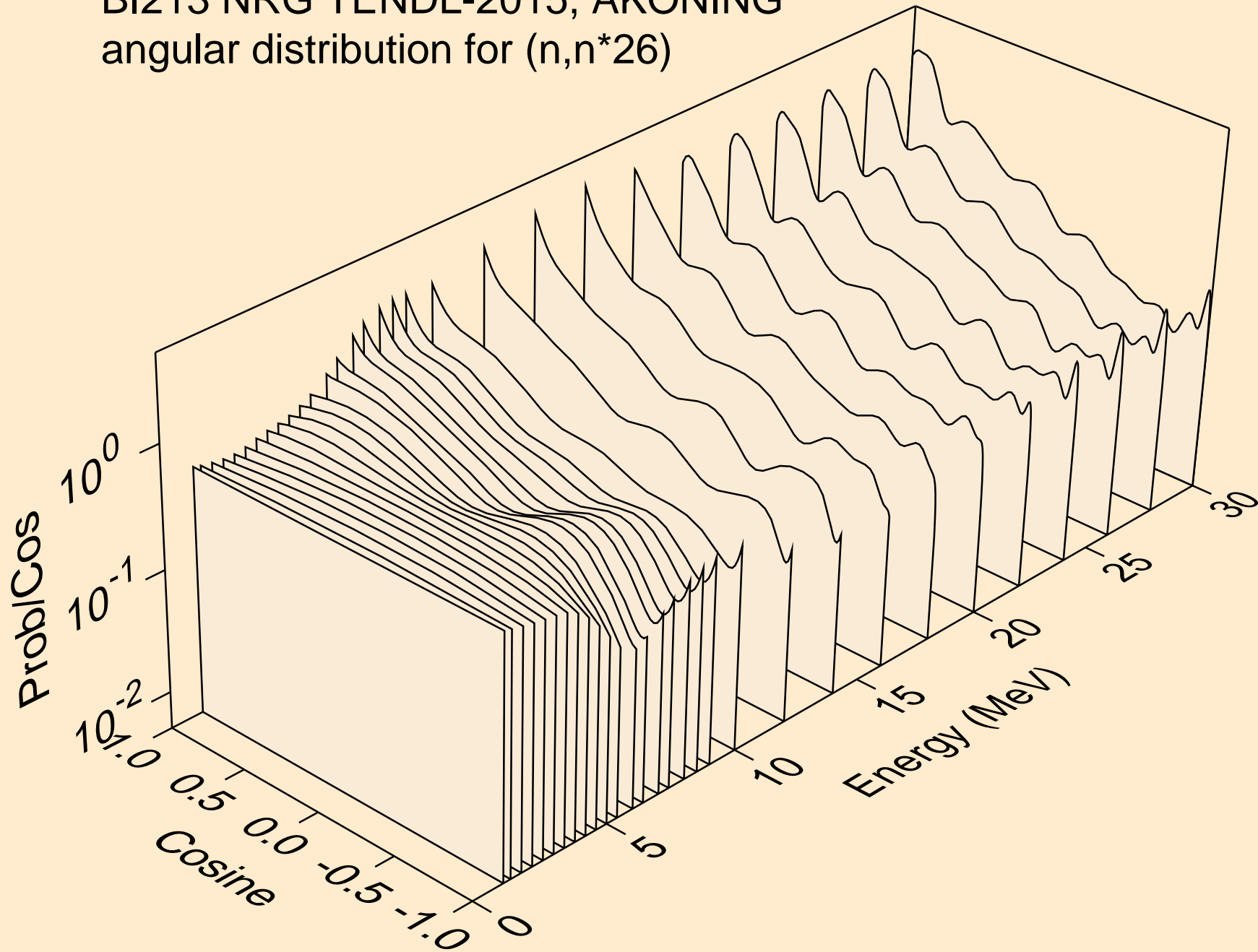




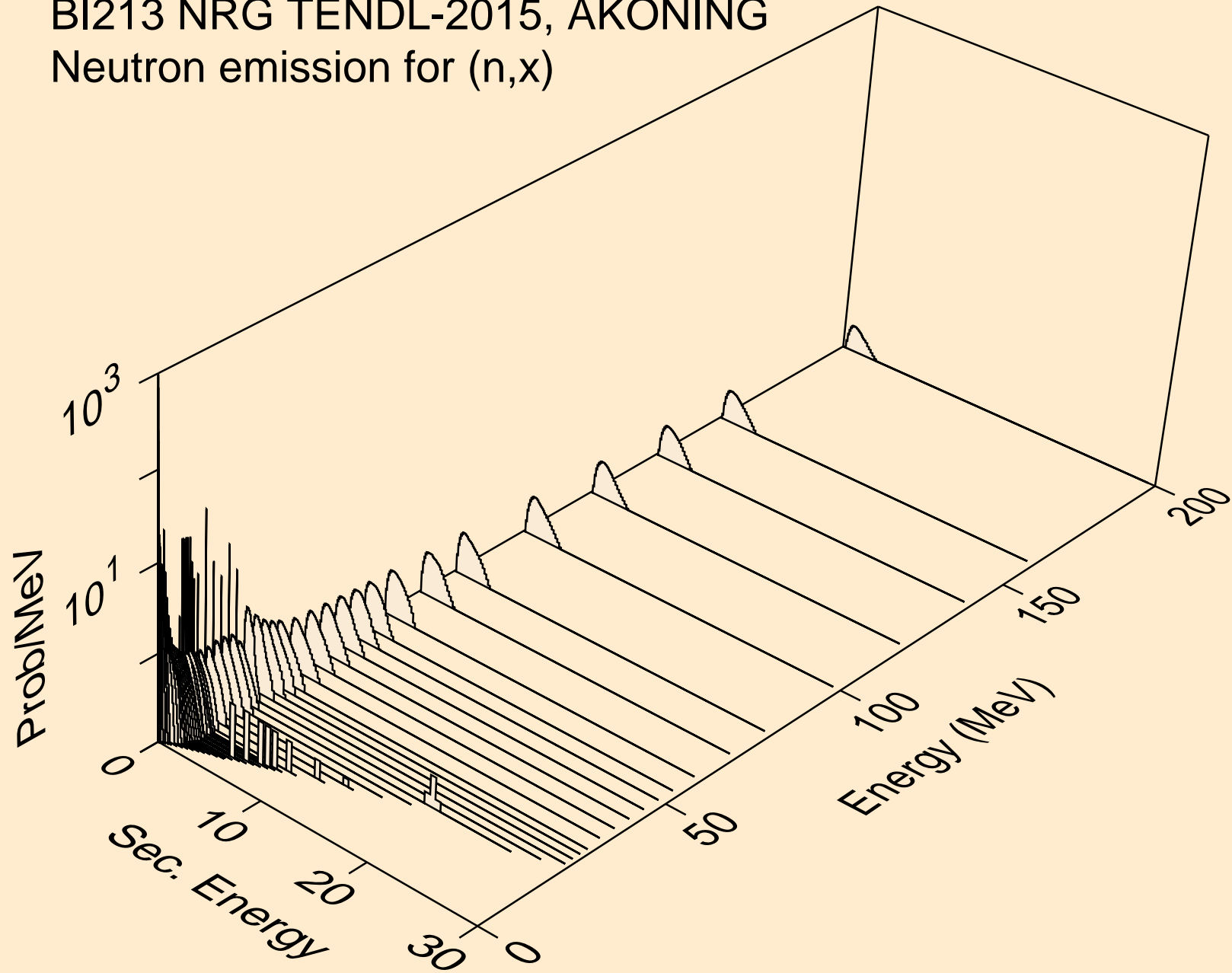
BI213 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



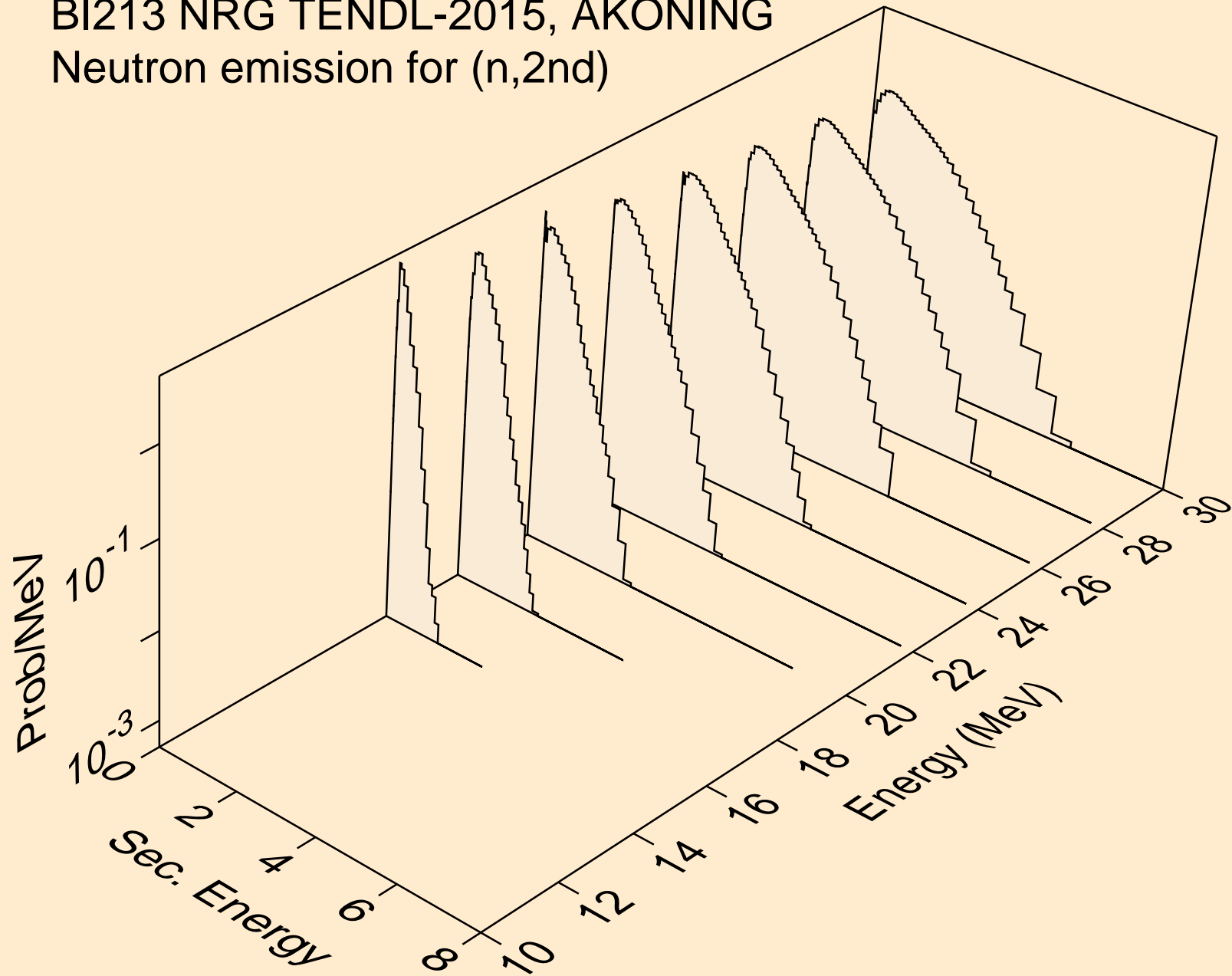
BI213 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



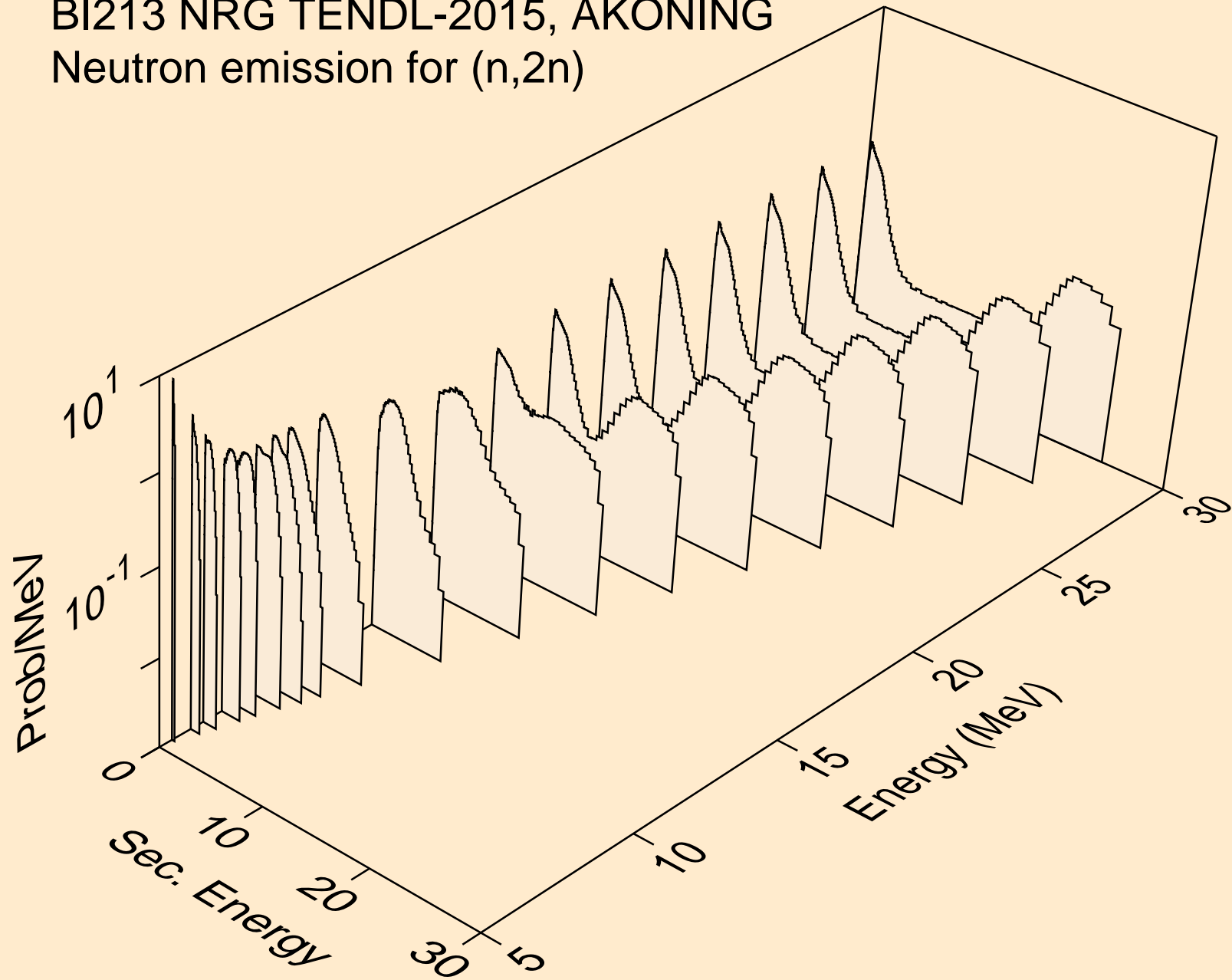
BI213 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



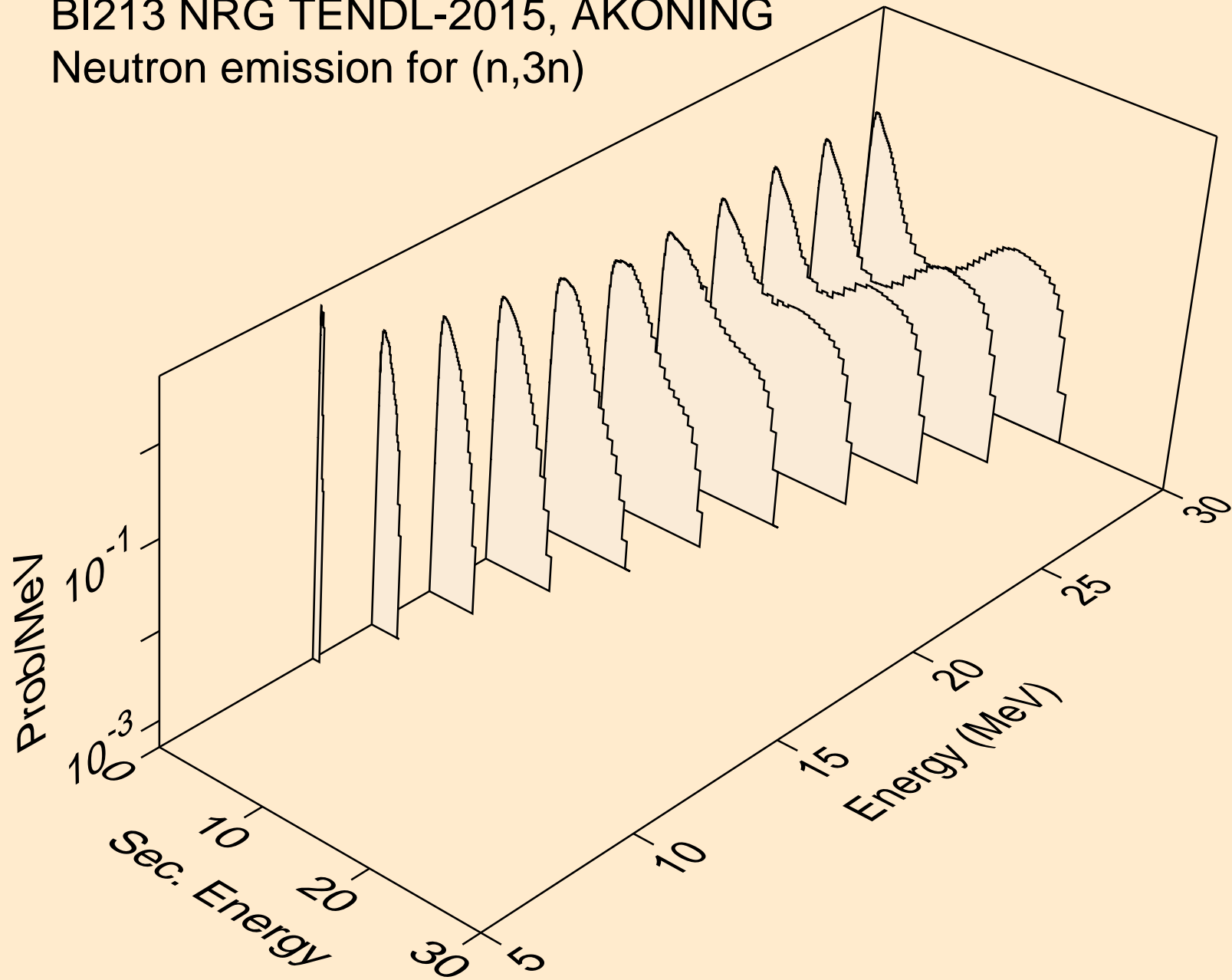
BI213 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



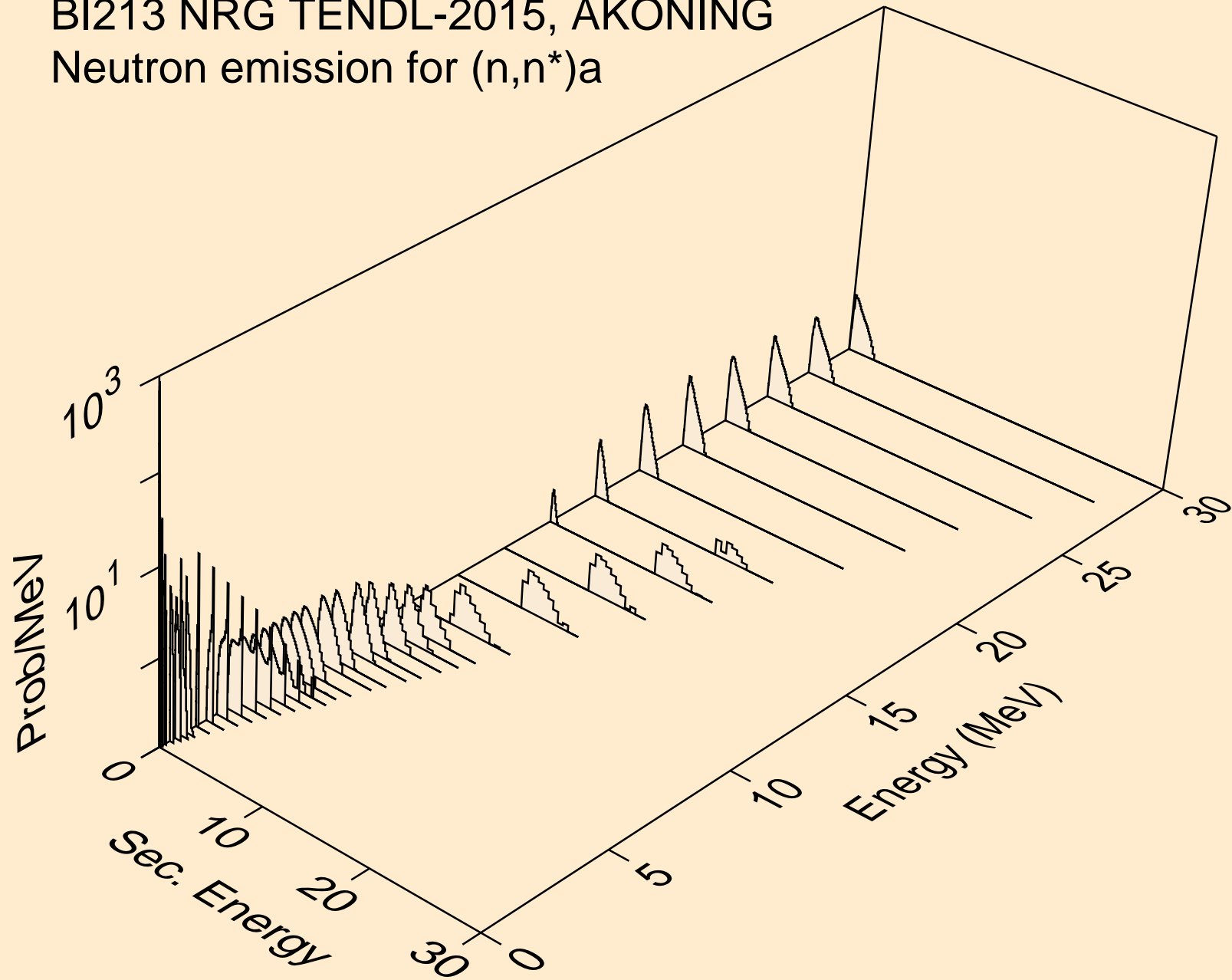
BI213 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



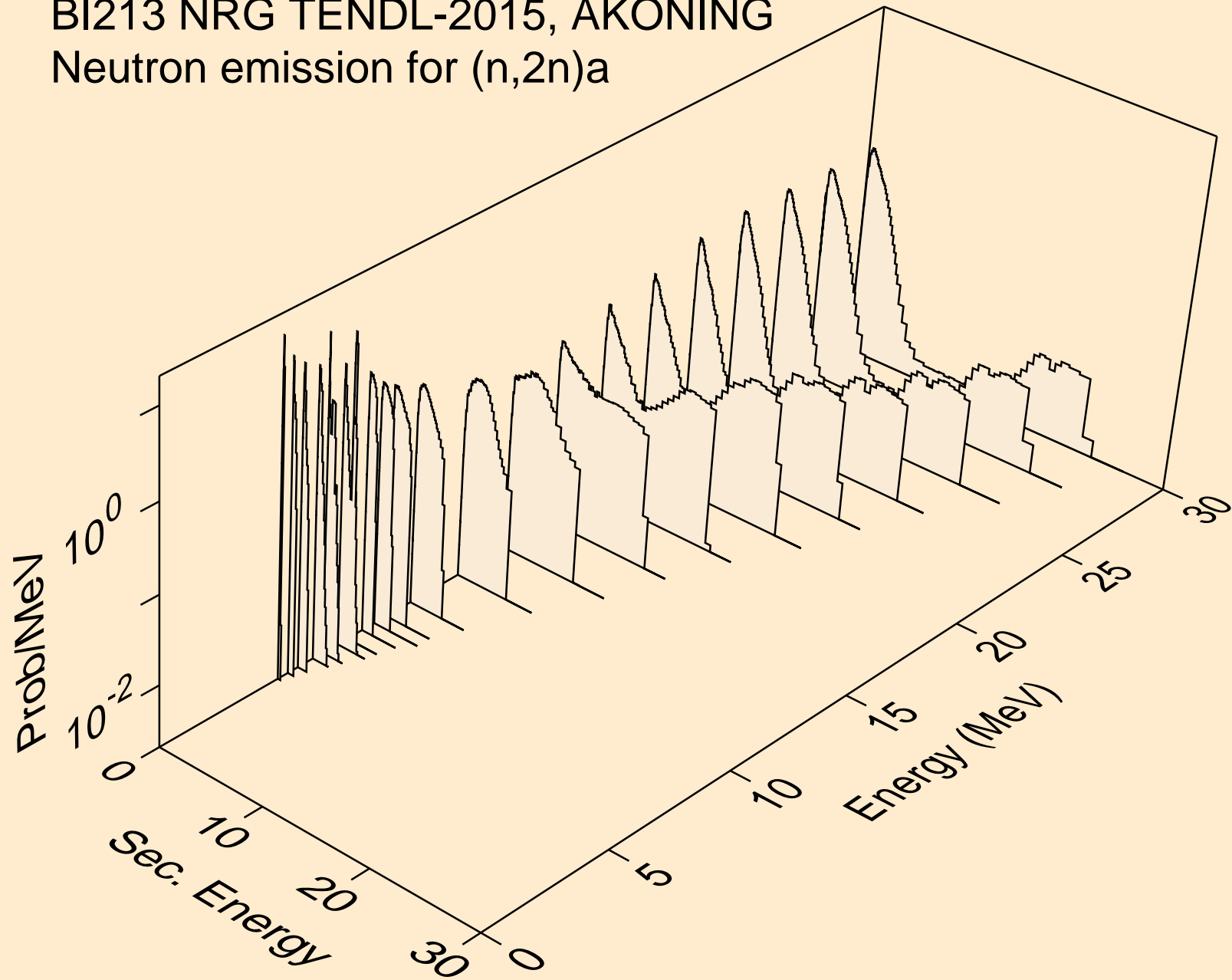
BI213 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



BI213 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a

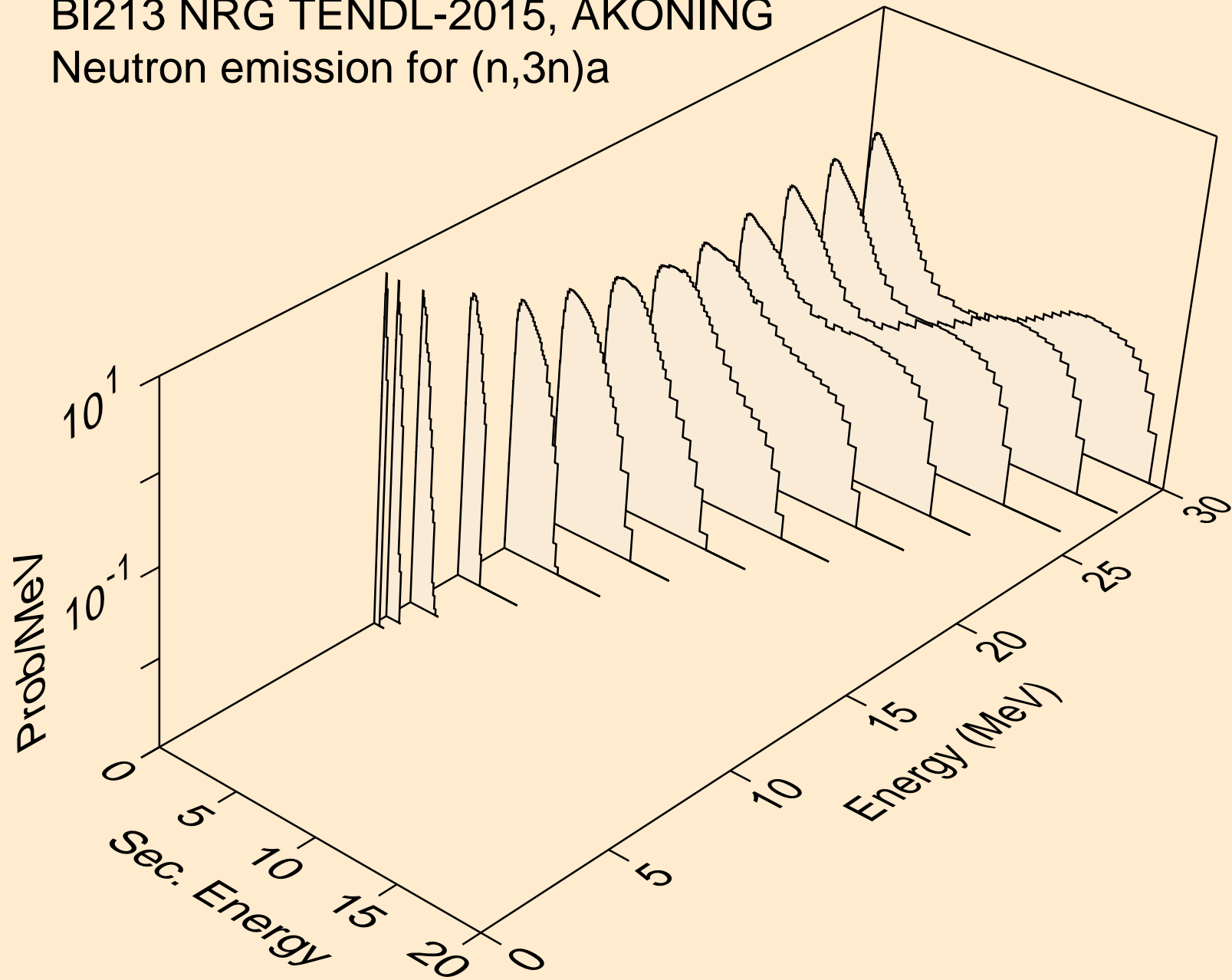


BI213 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a

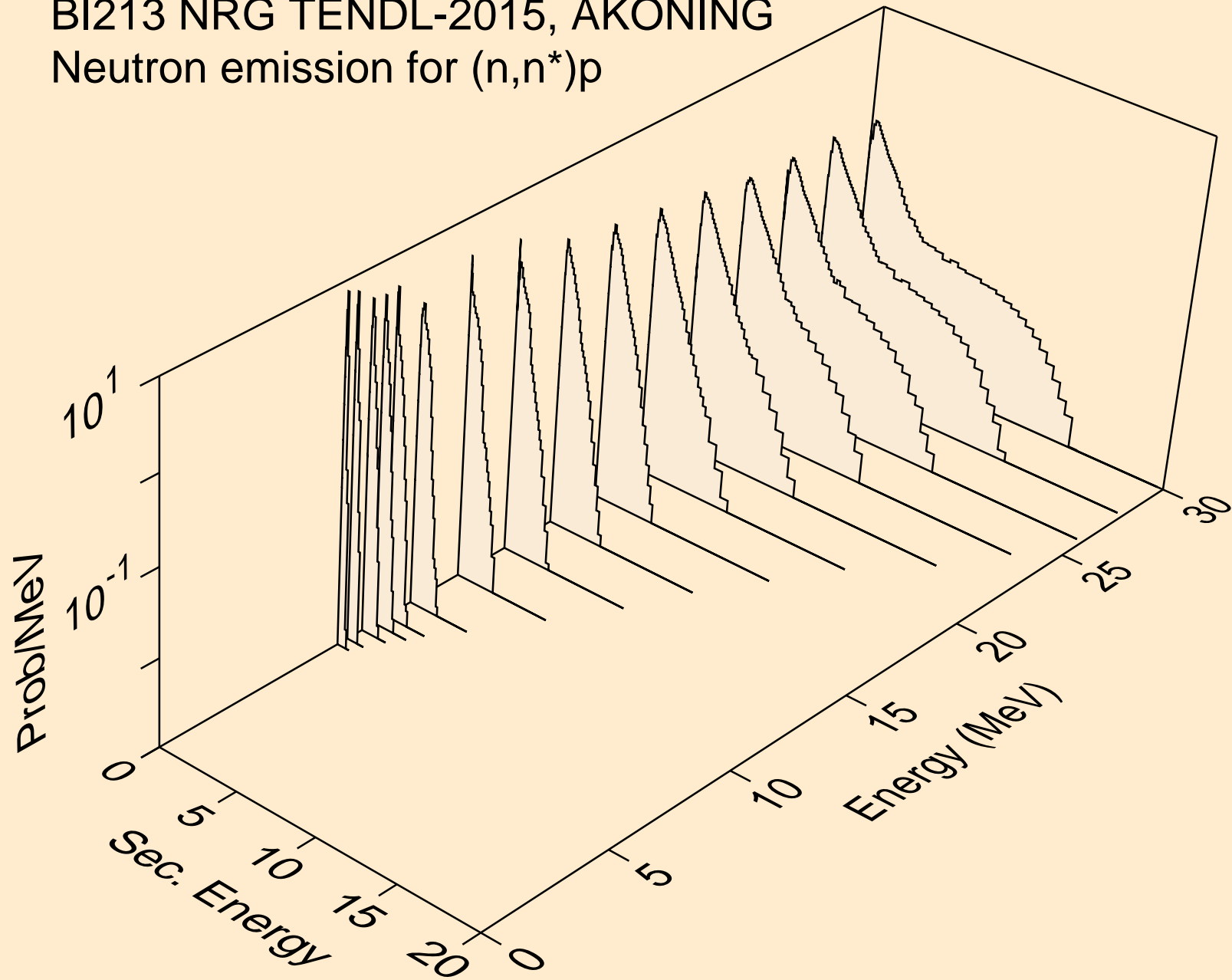




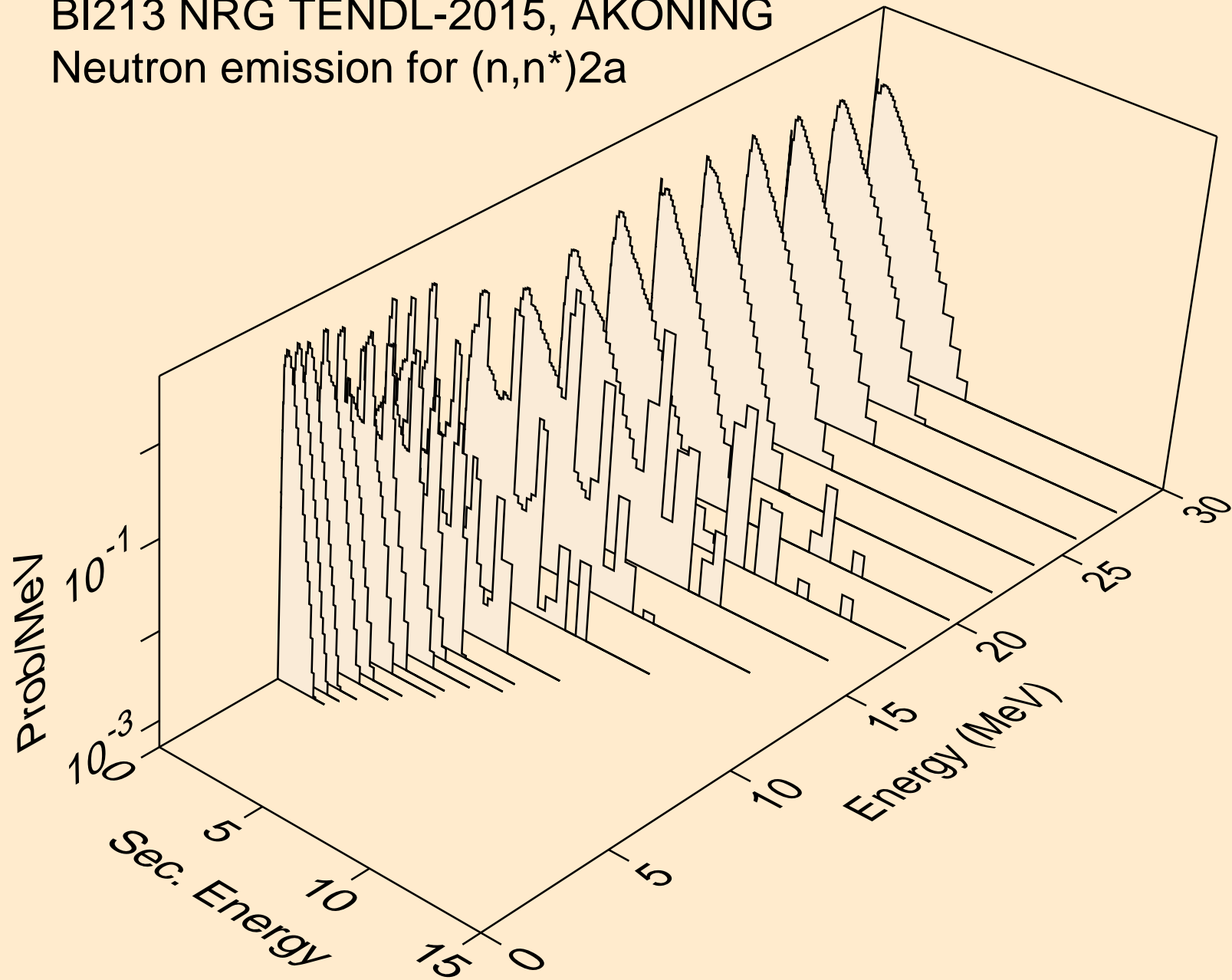
BI213 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



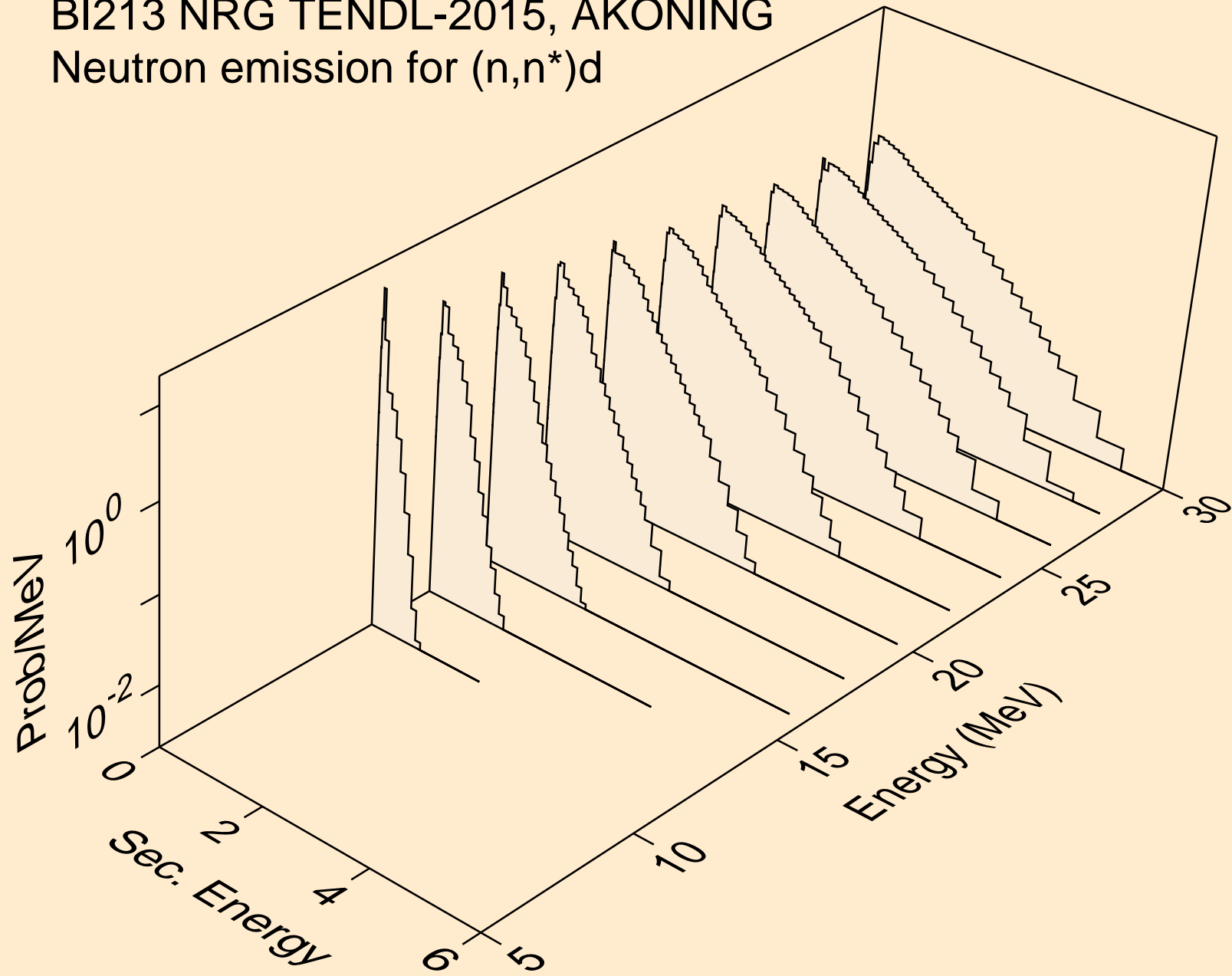
BI213 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



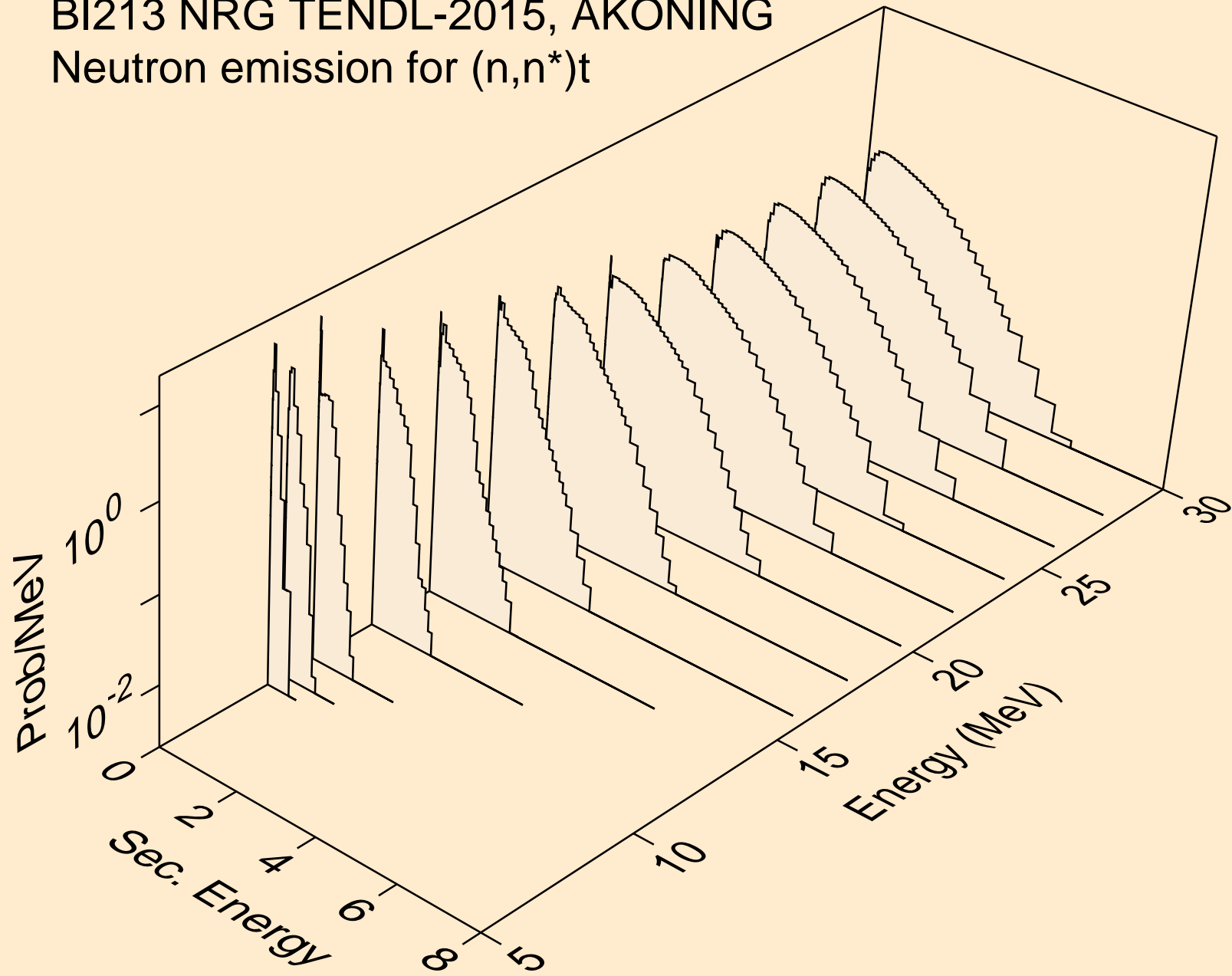
BI213 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



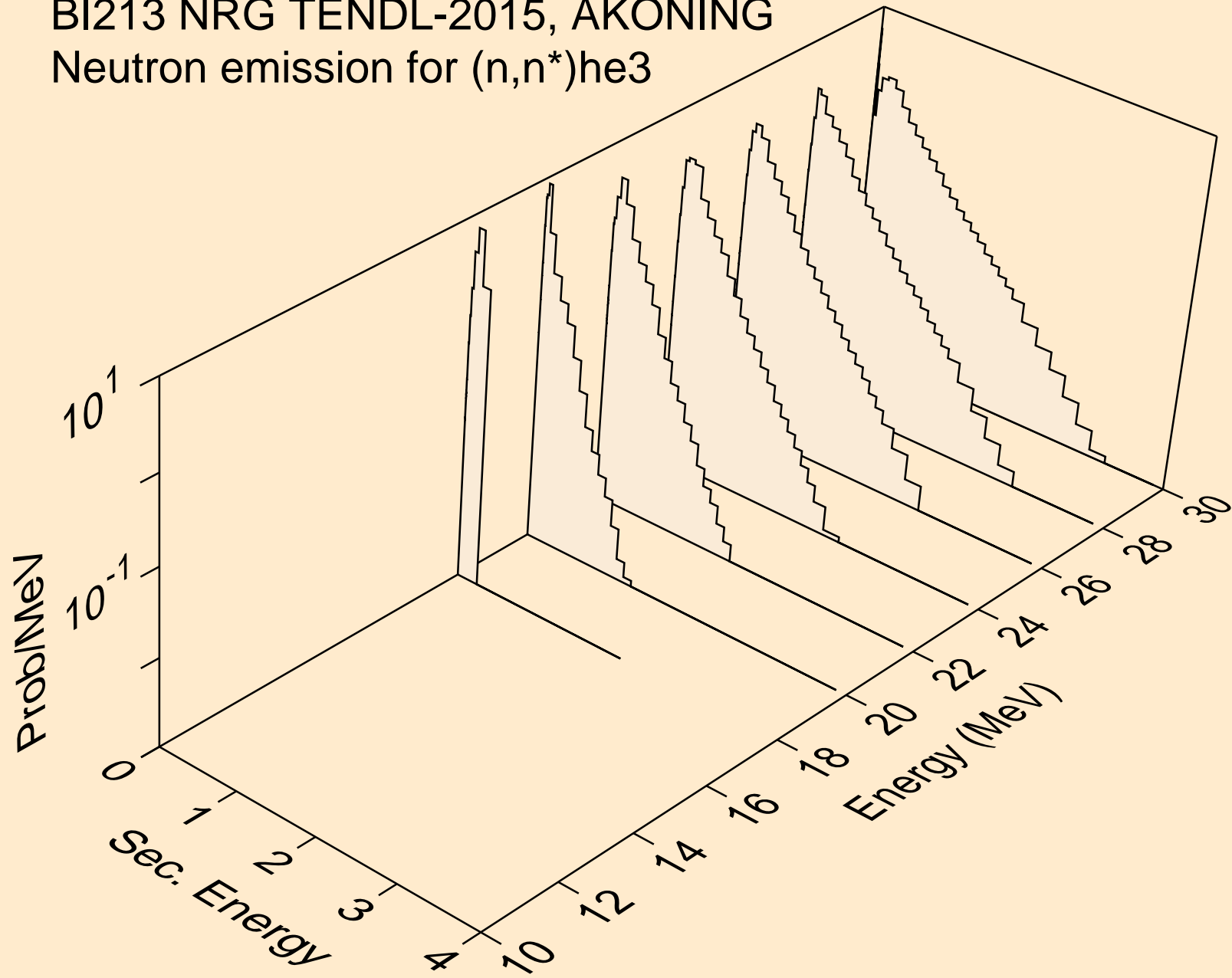
BI213 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



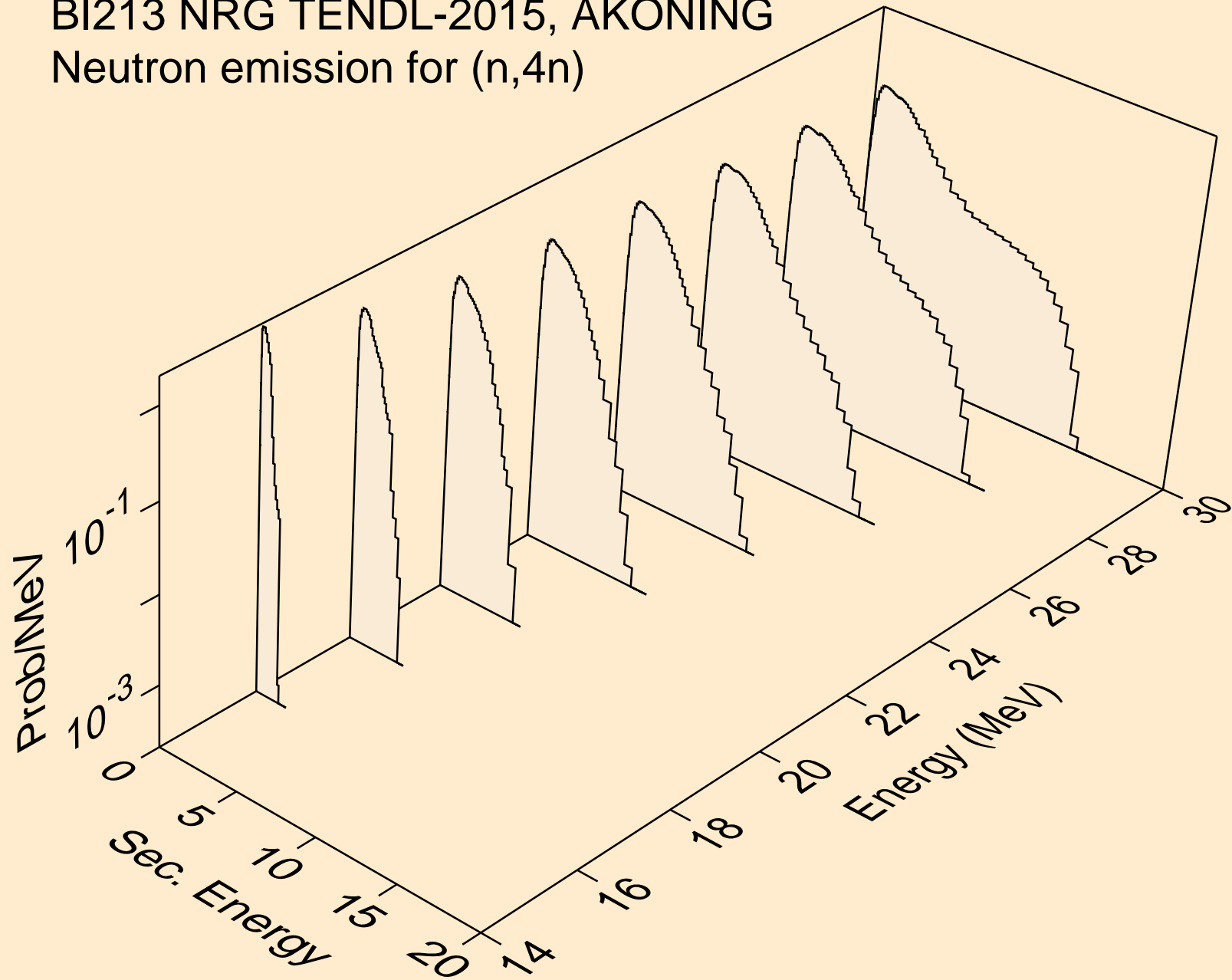
BI213 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



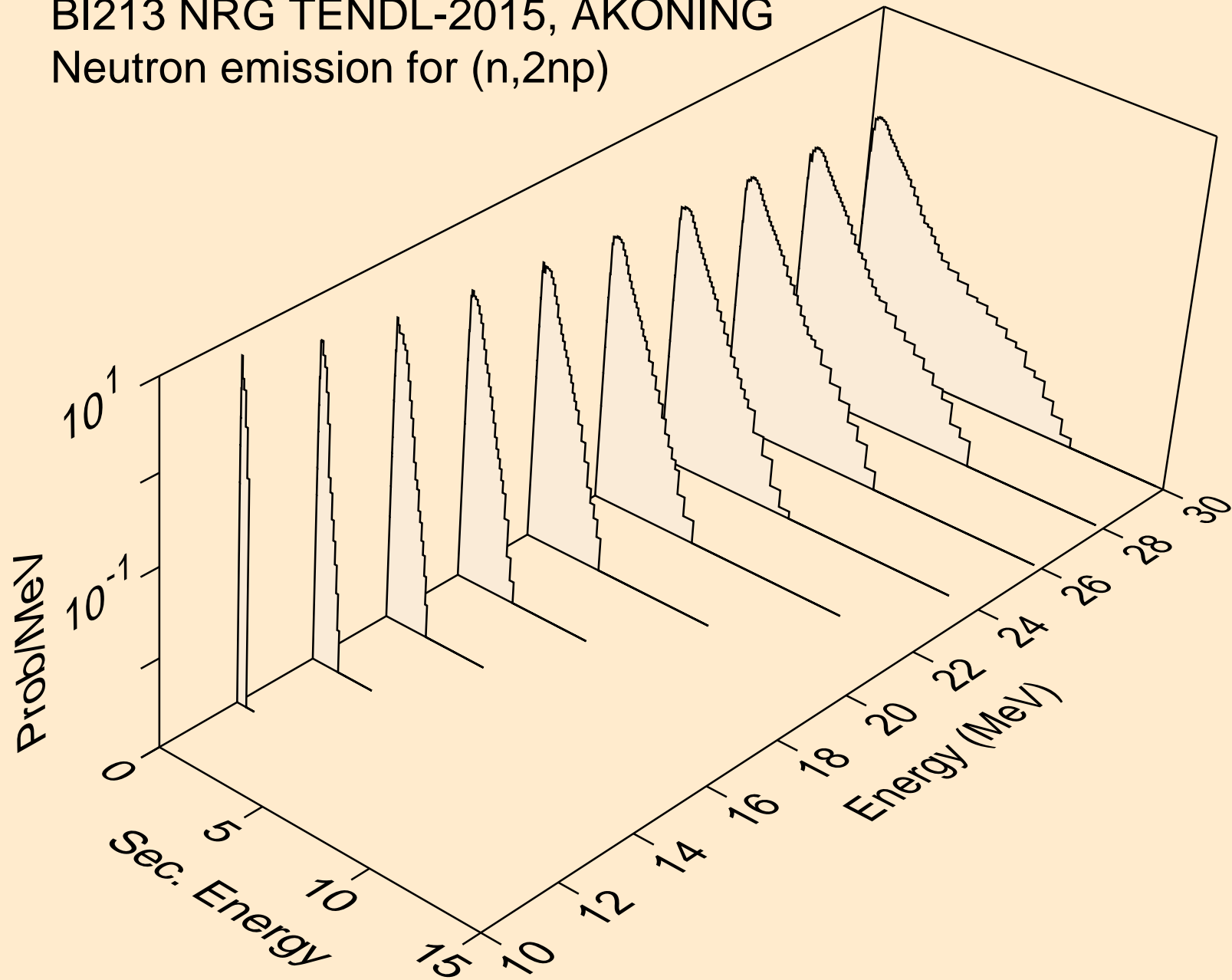
BI213 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



BI213 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)

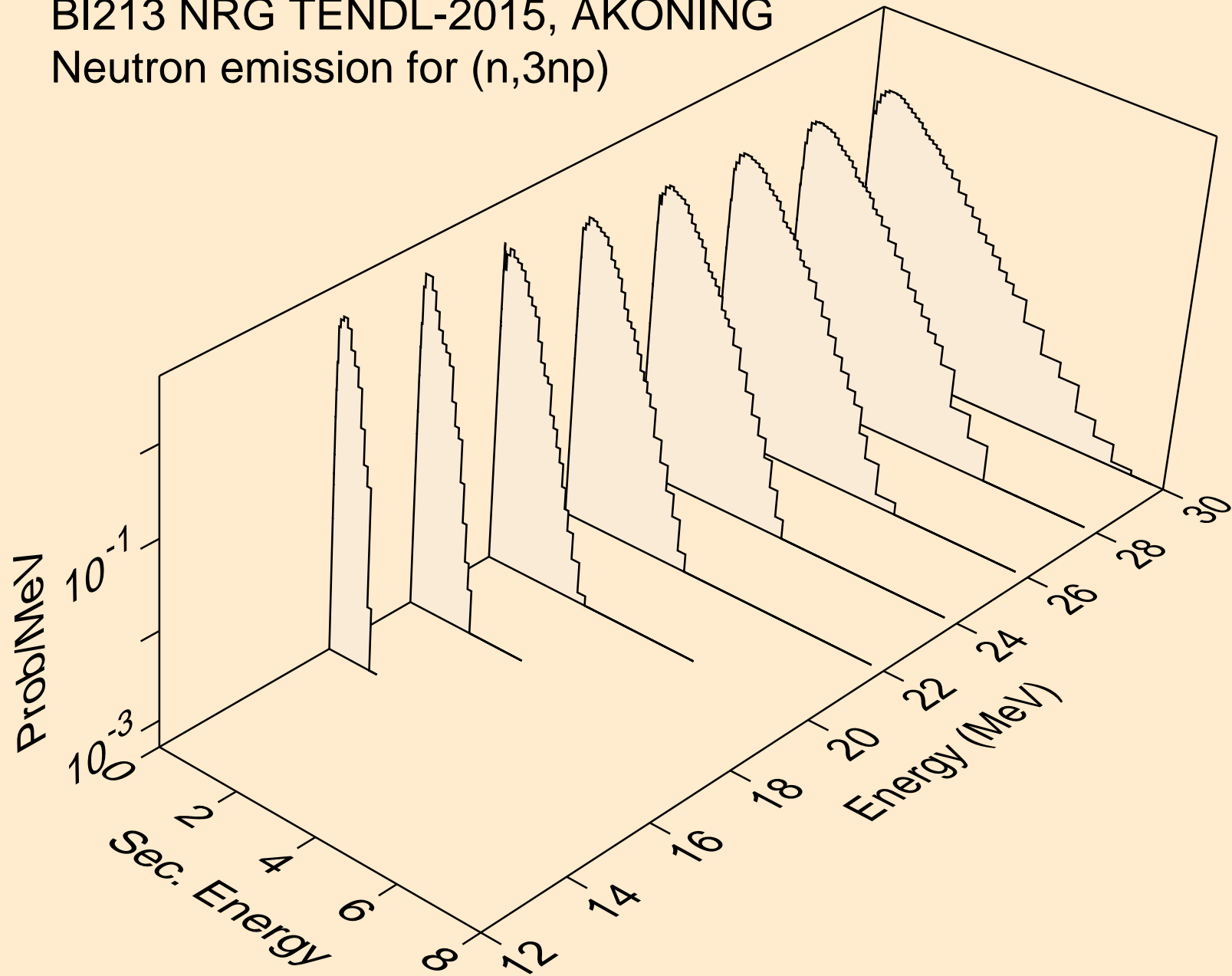


BI213 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

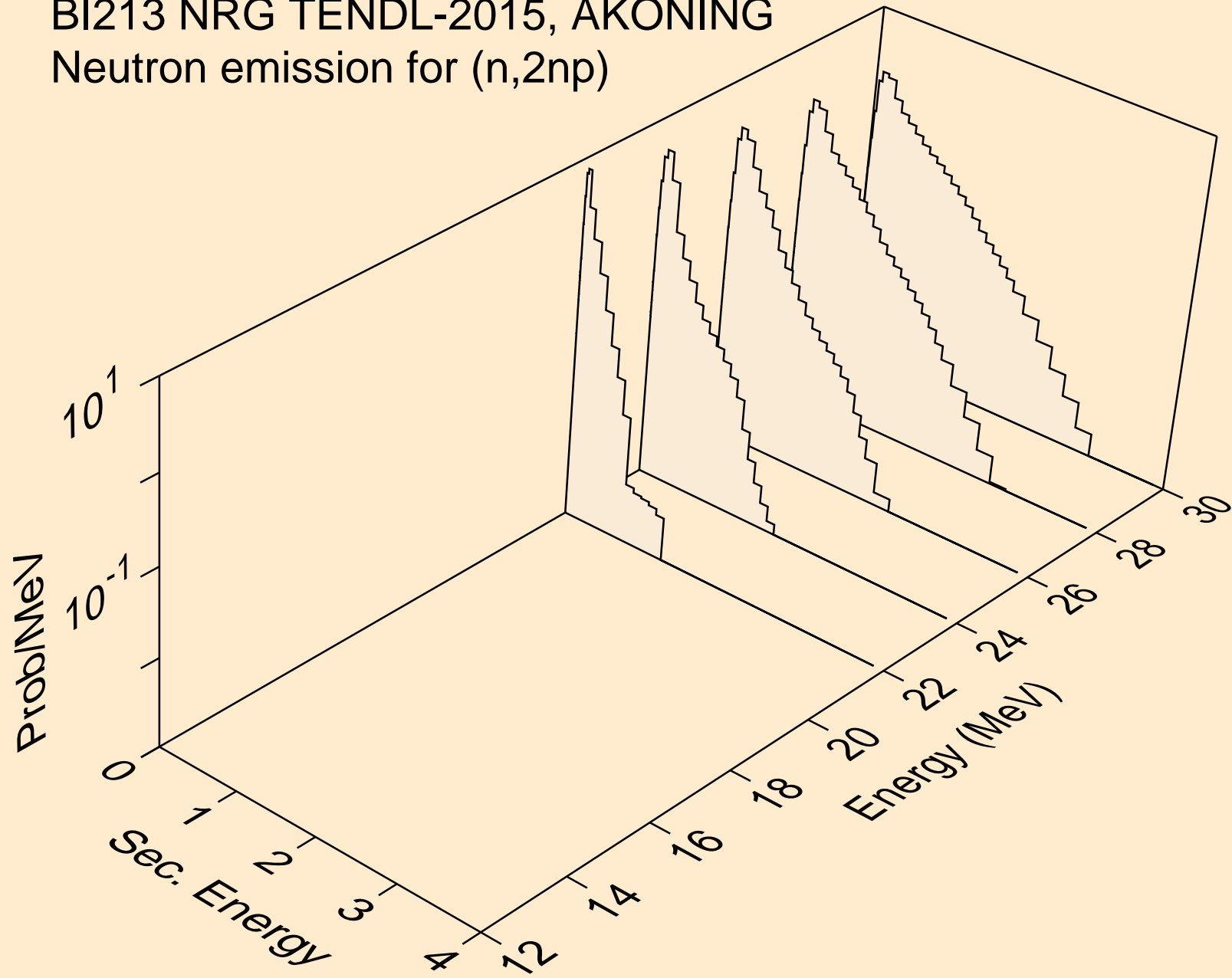




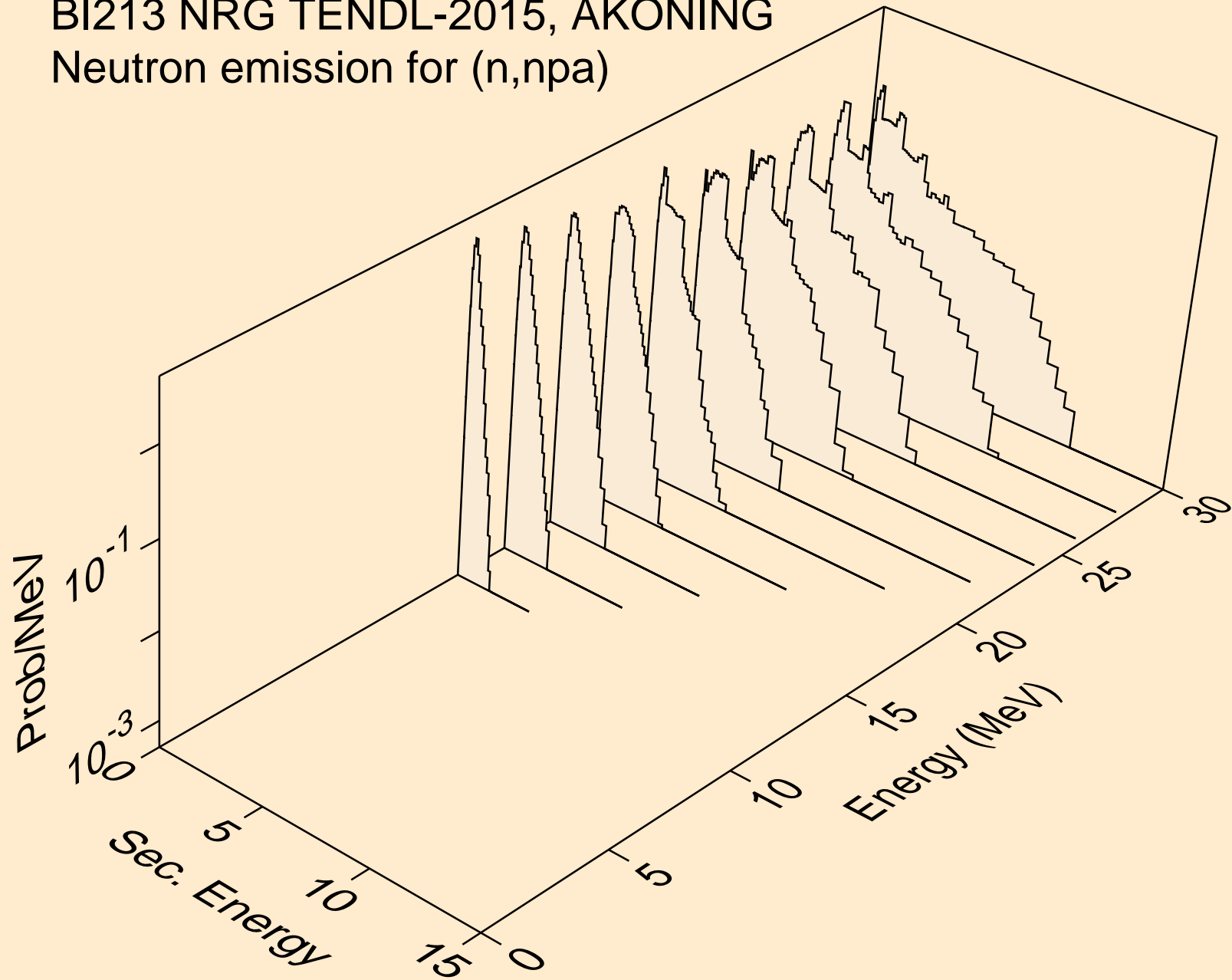
BI213 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



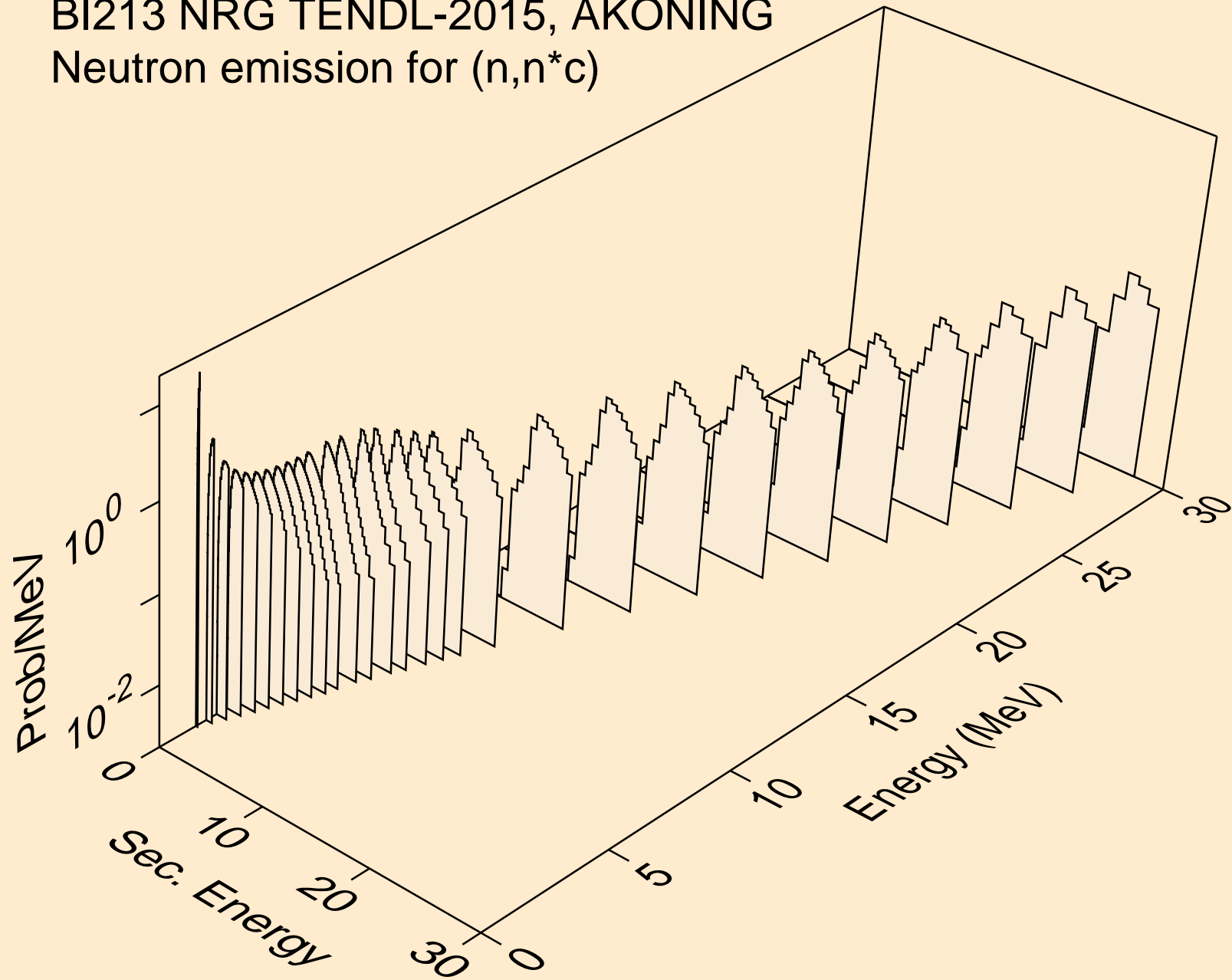
BI213 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



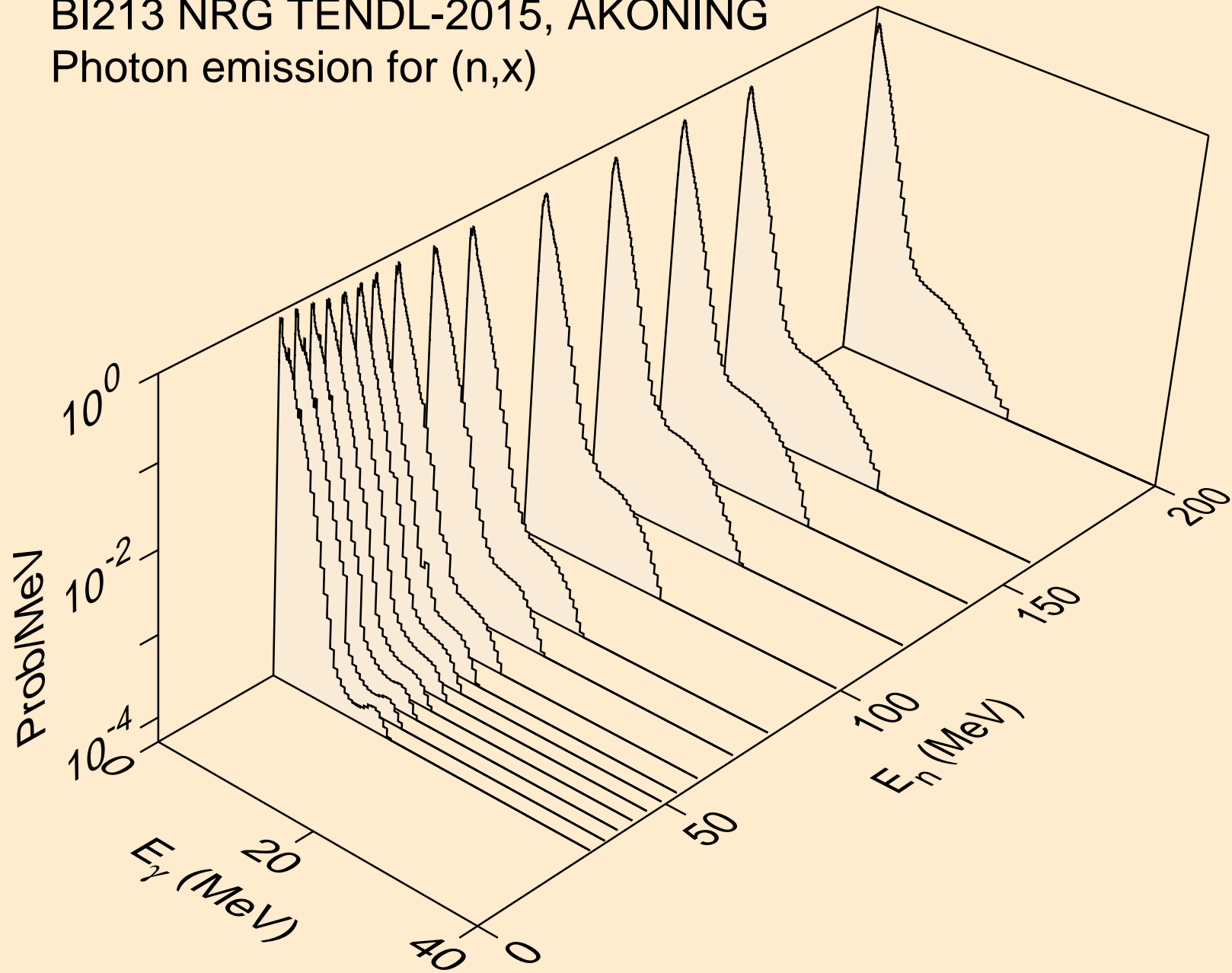
BI213 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



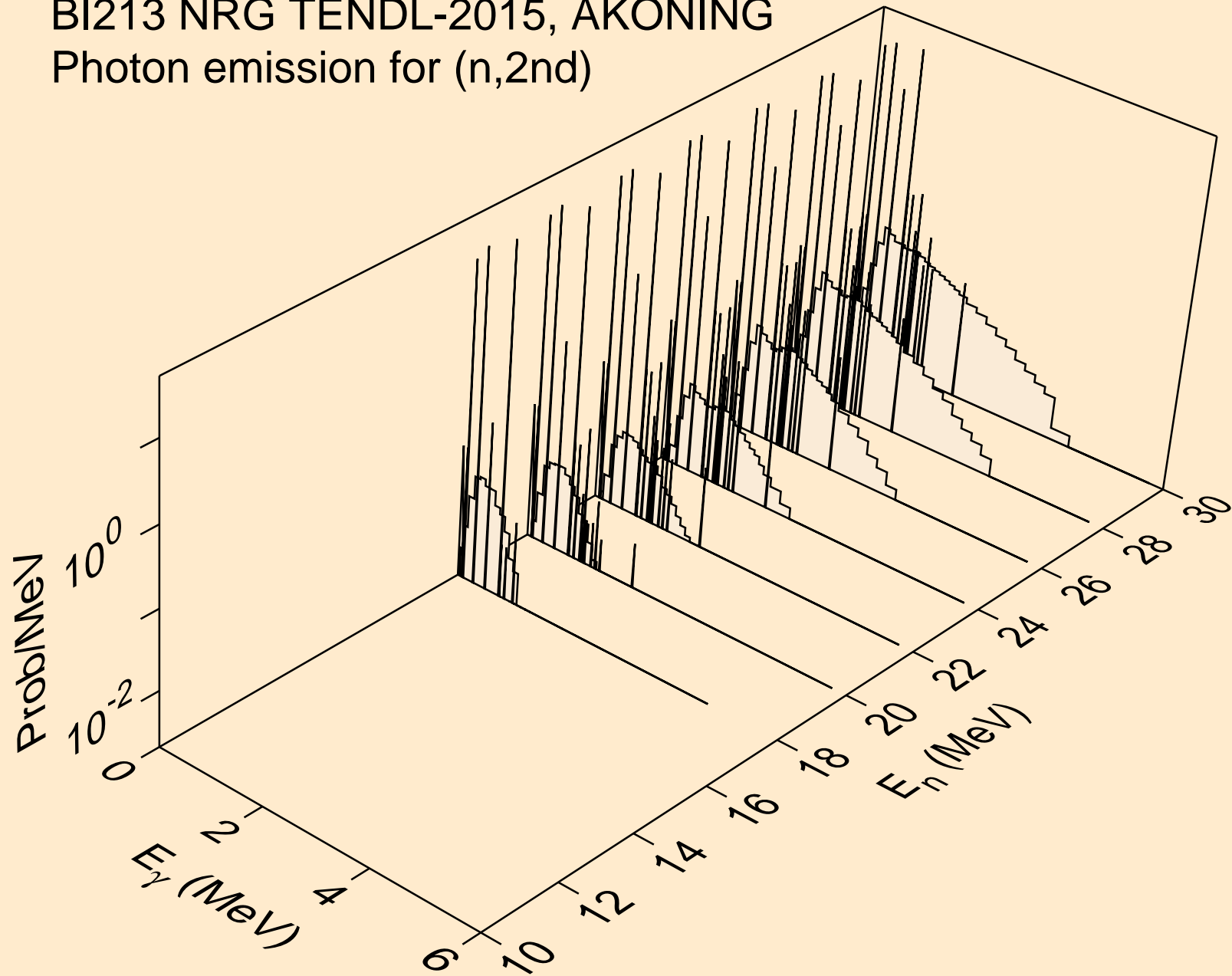
BI213 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



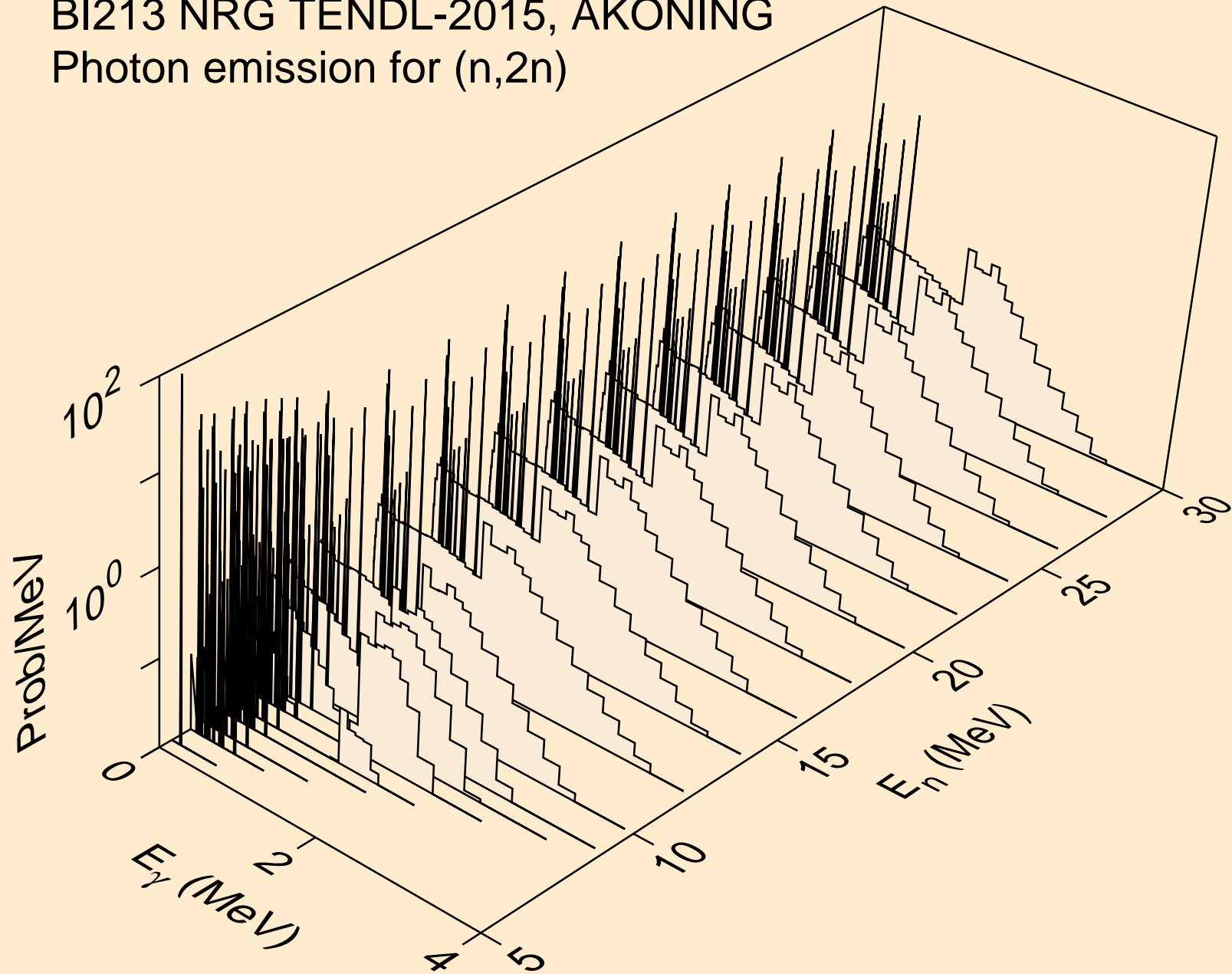
BI213 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



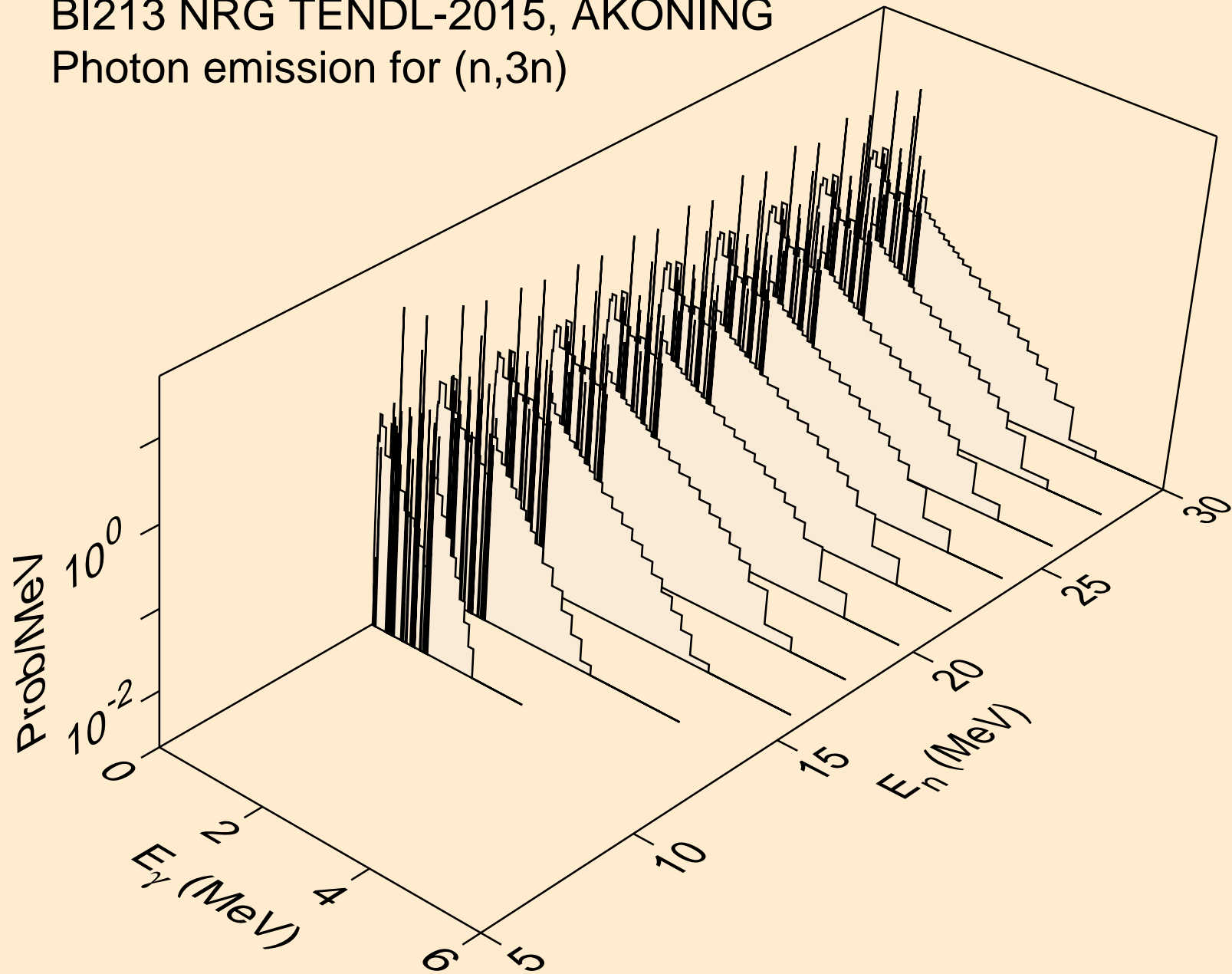
BI213 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



BI213 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)

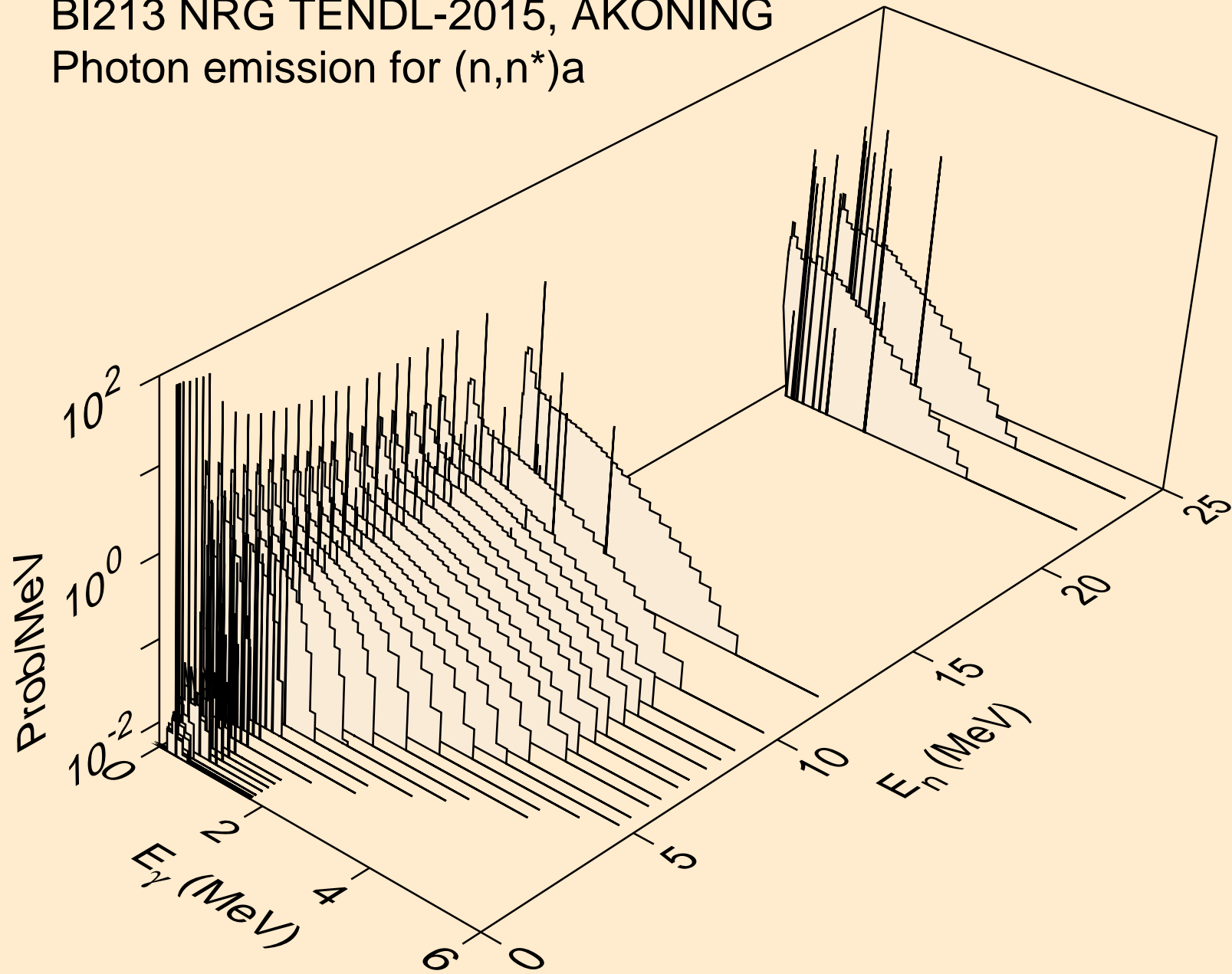


BI213 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

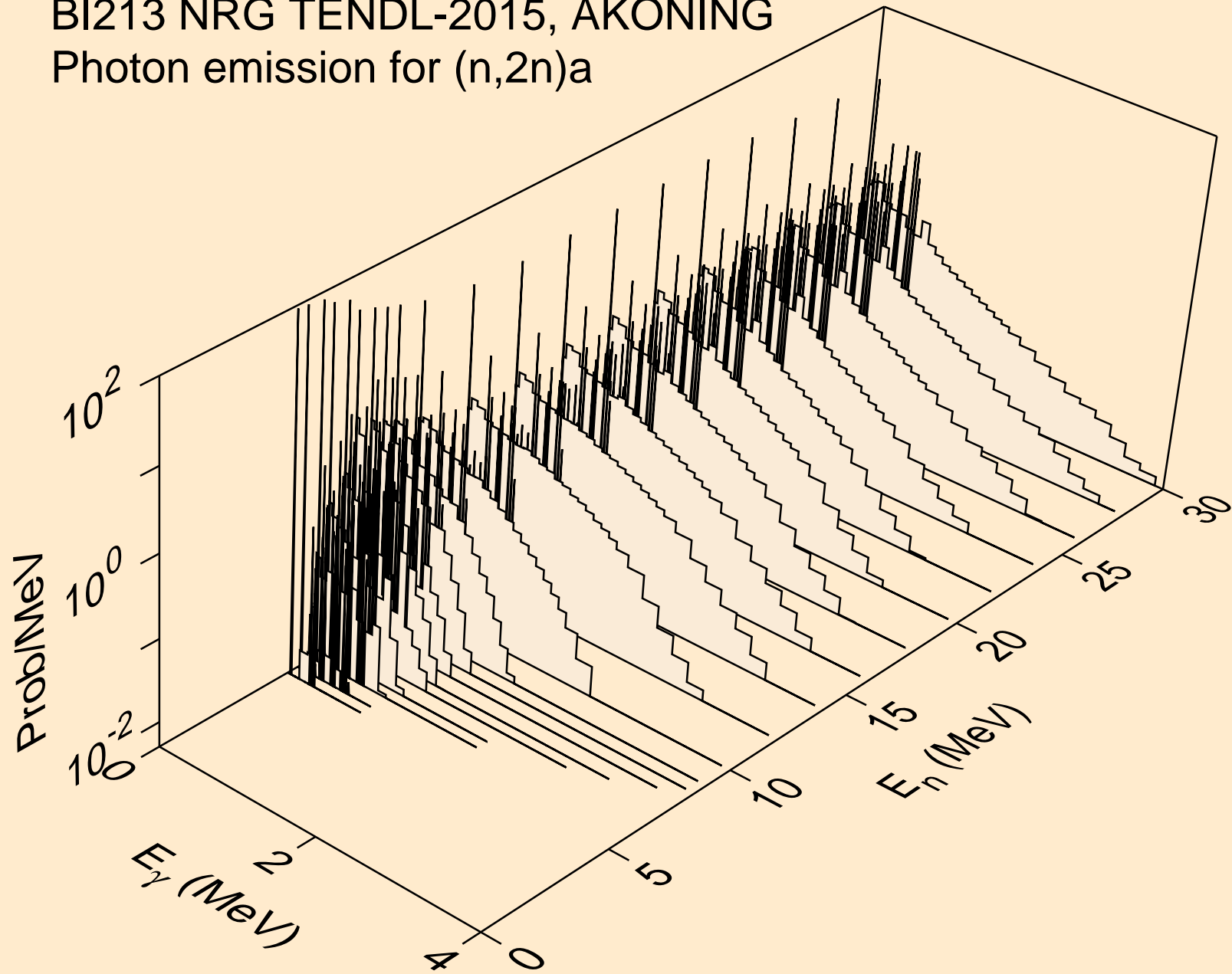




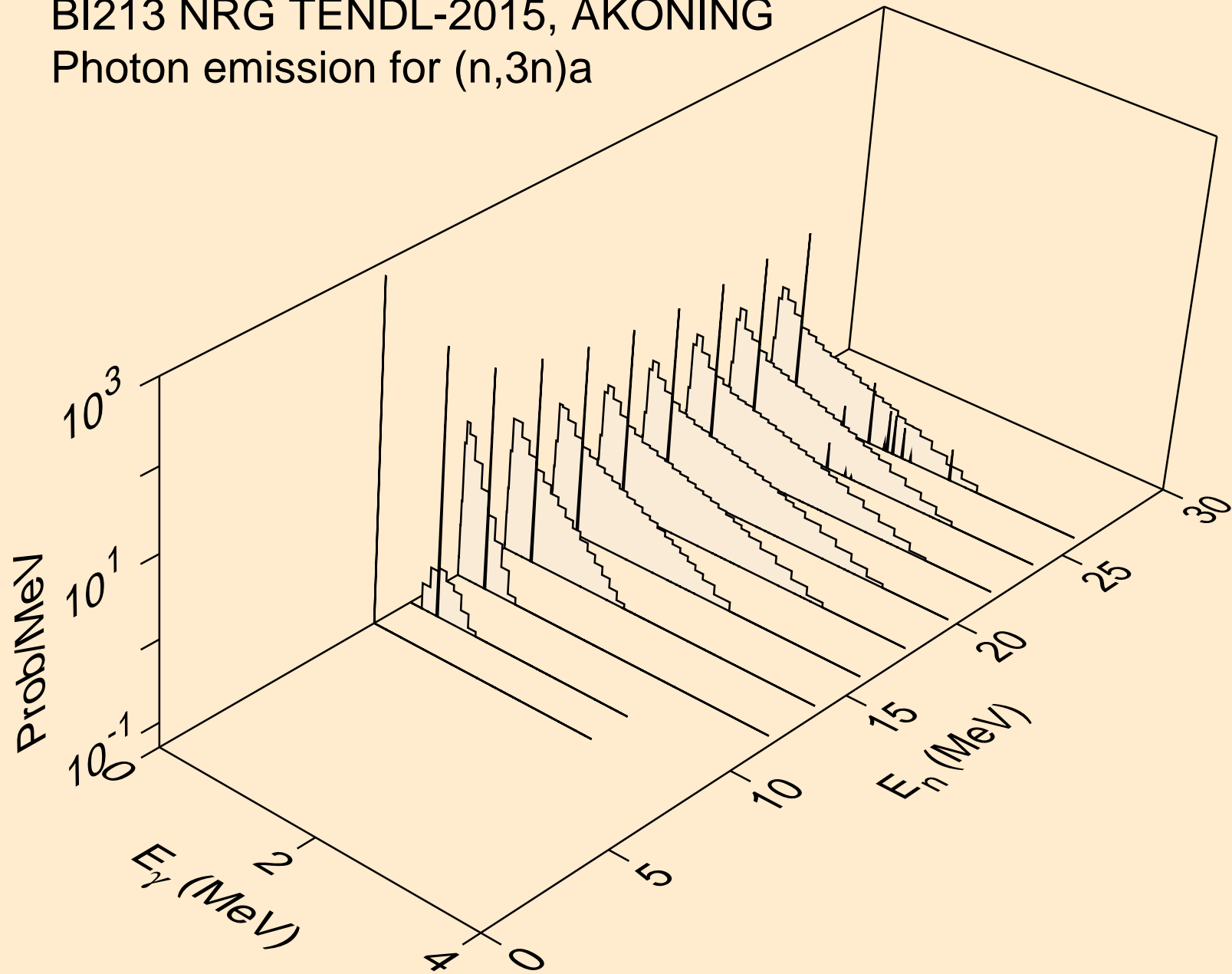
BI213 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



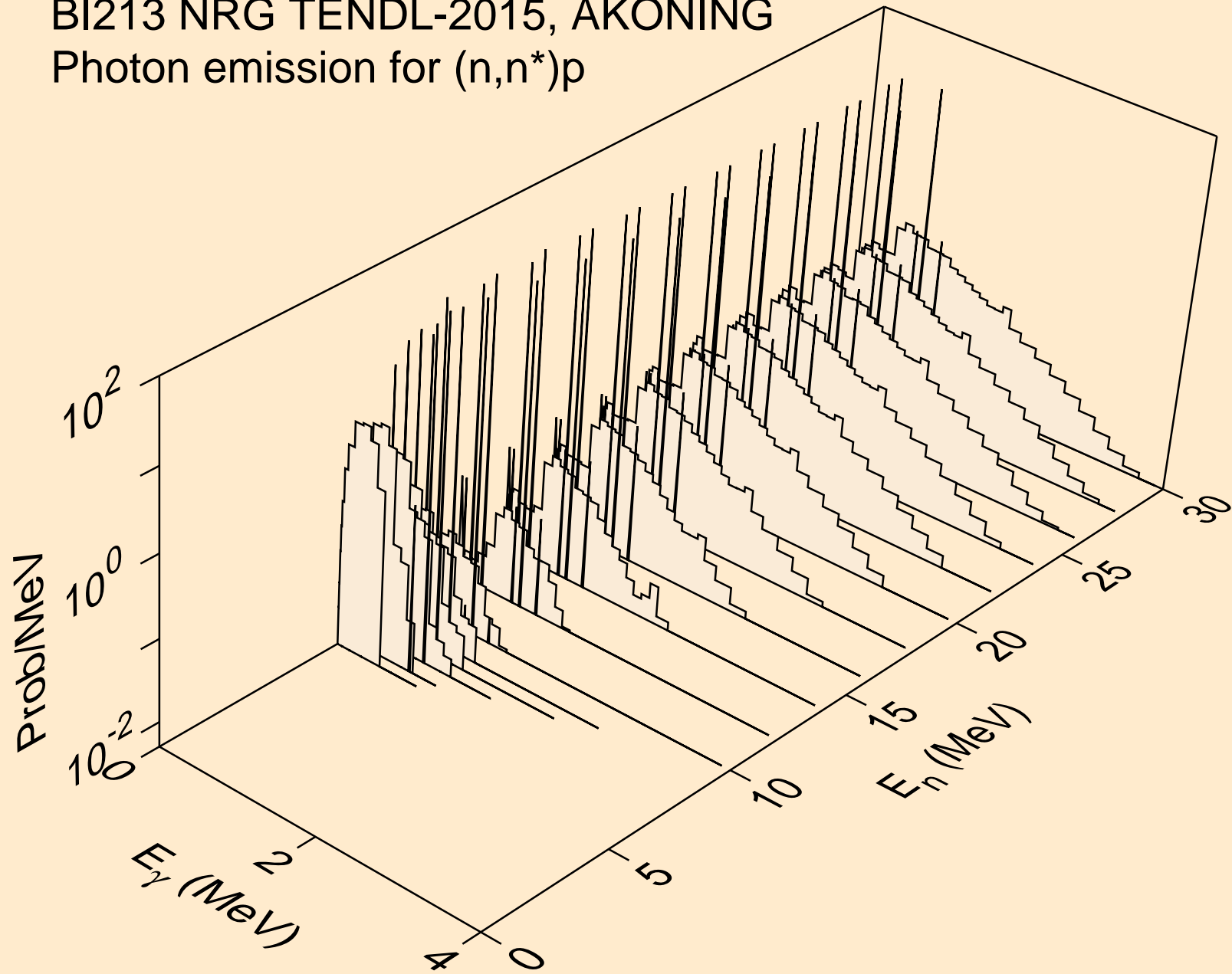
BI213 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



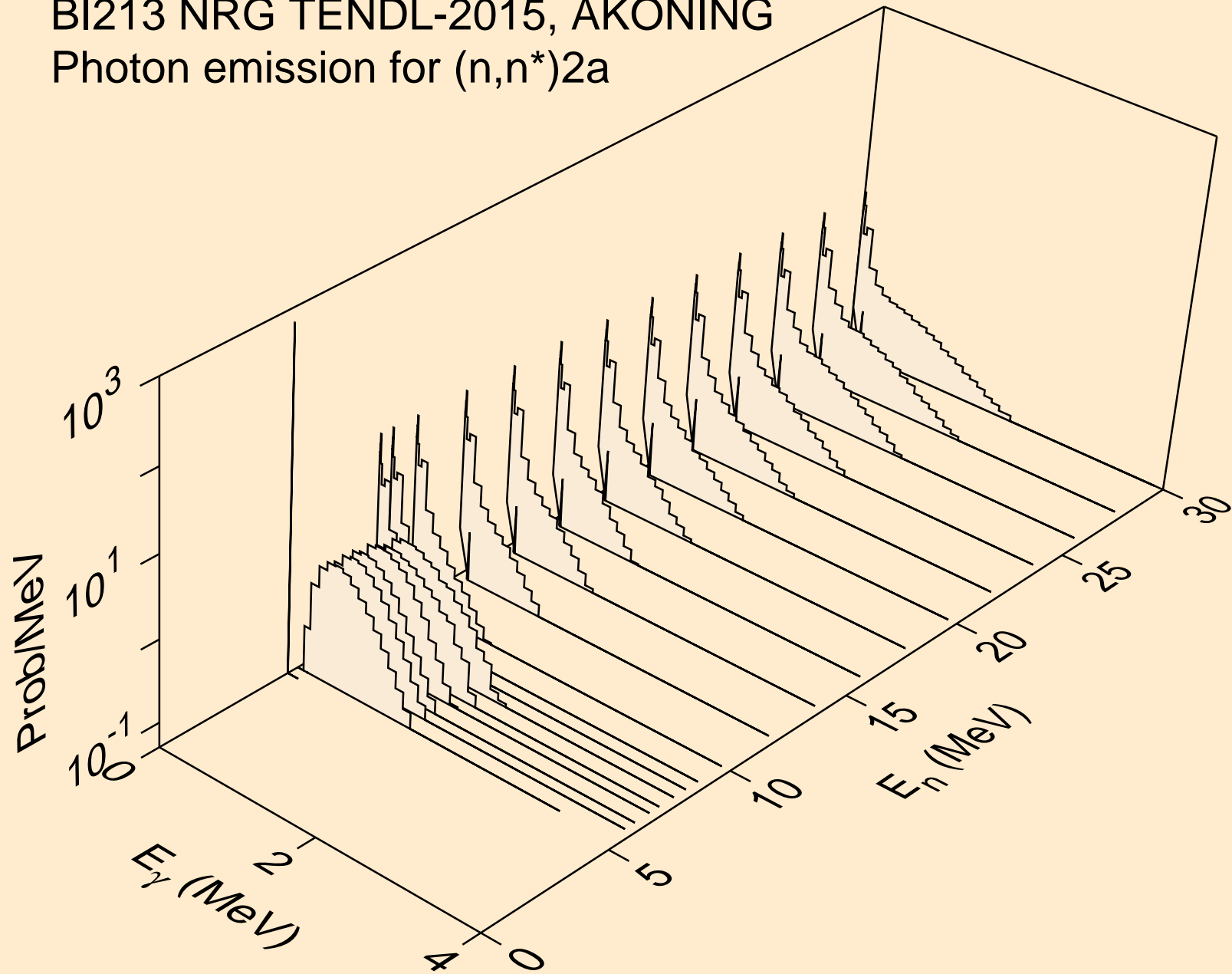
BI213 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



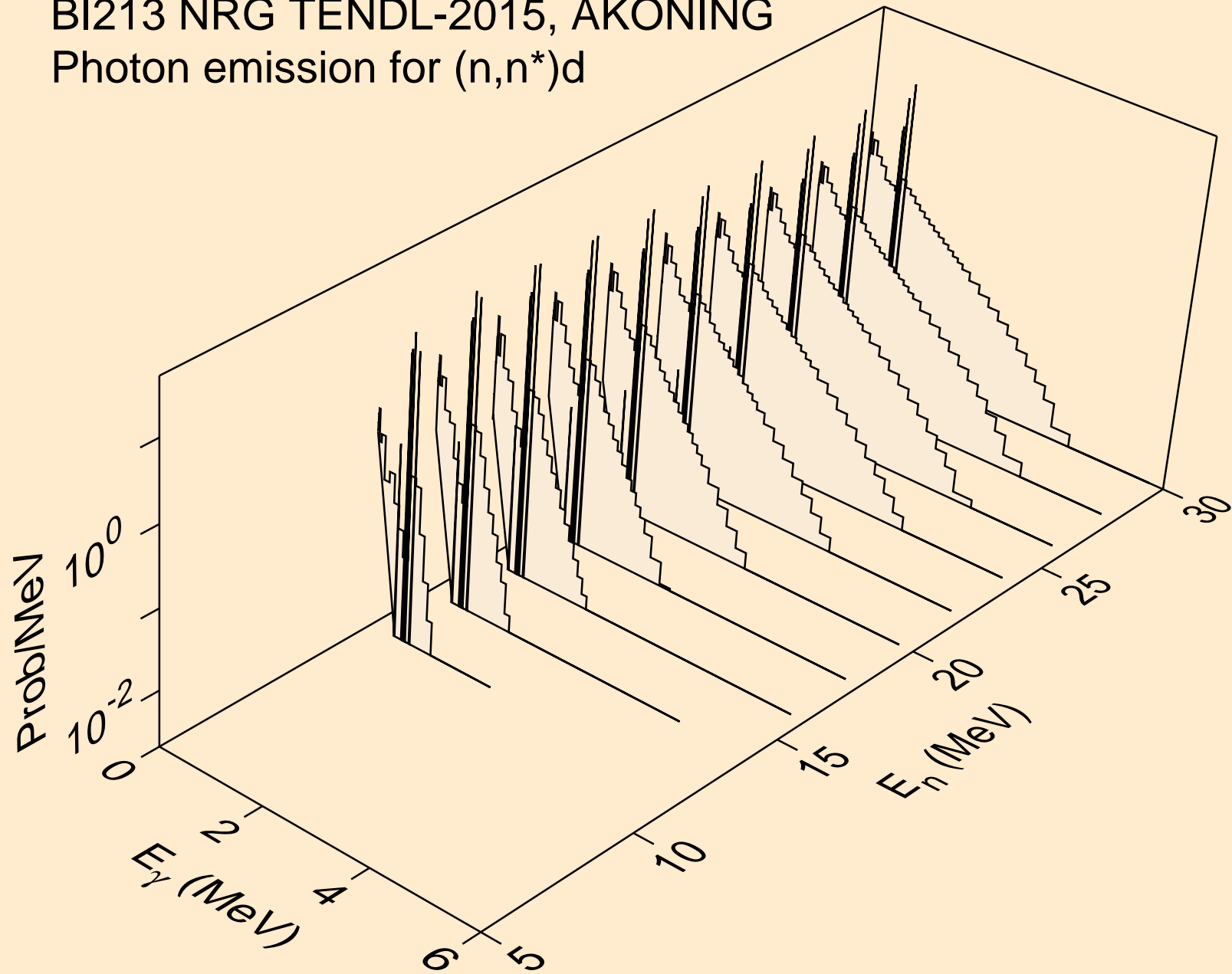
BI213 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



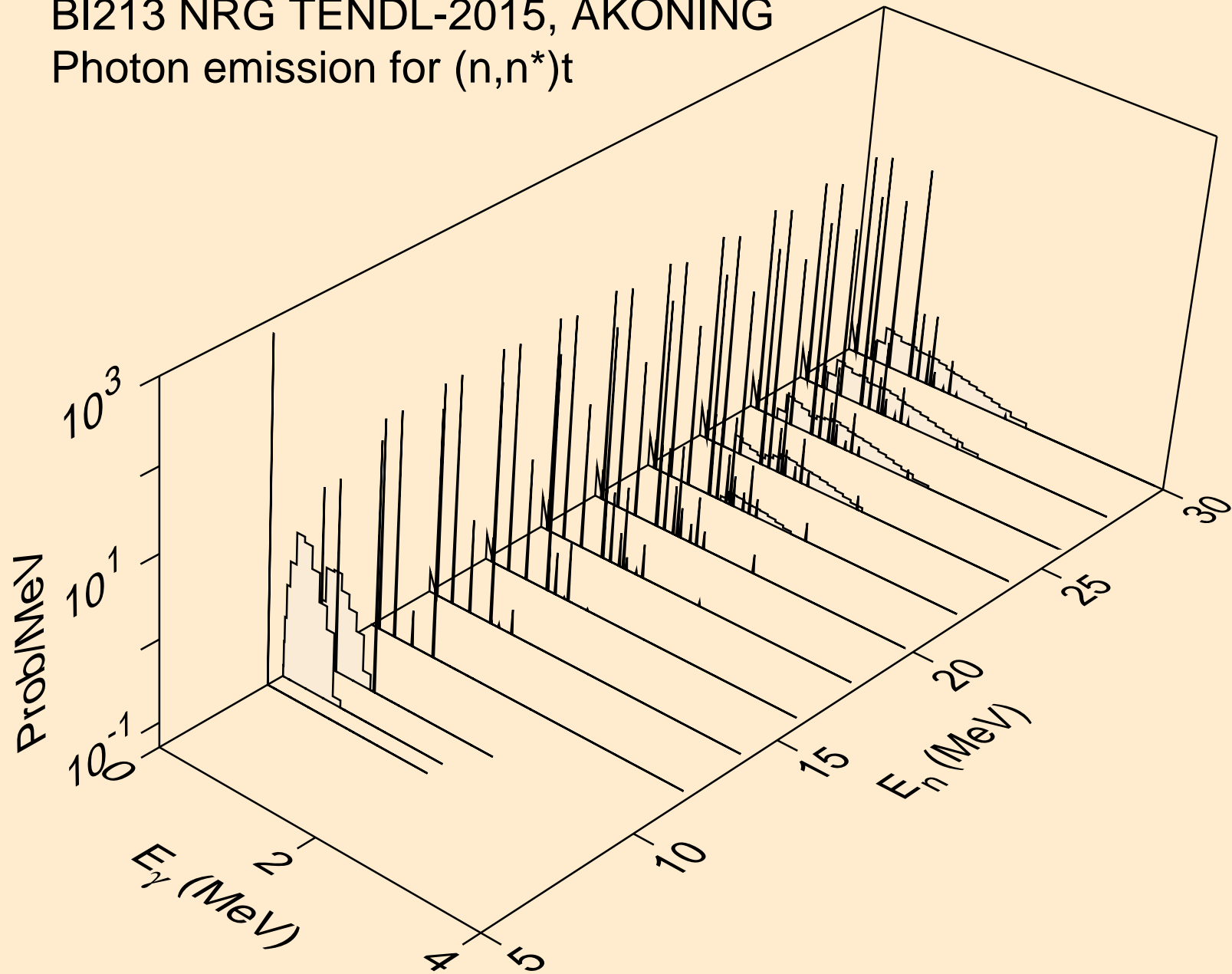
BI213 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



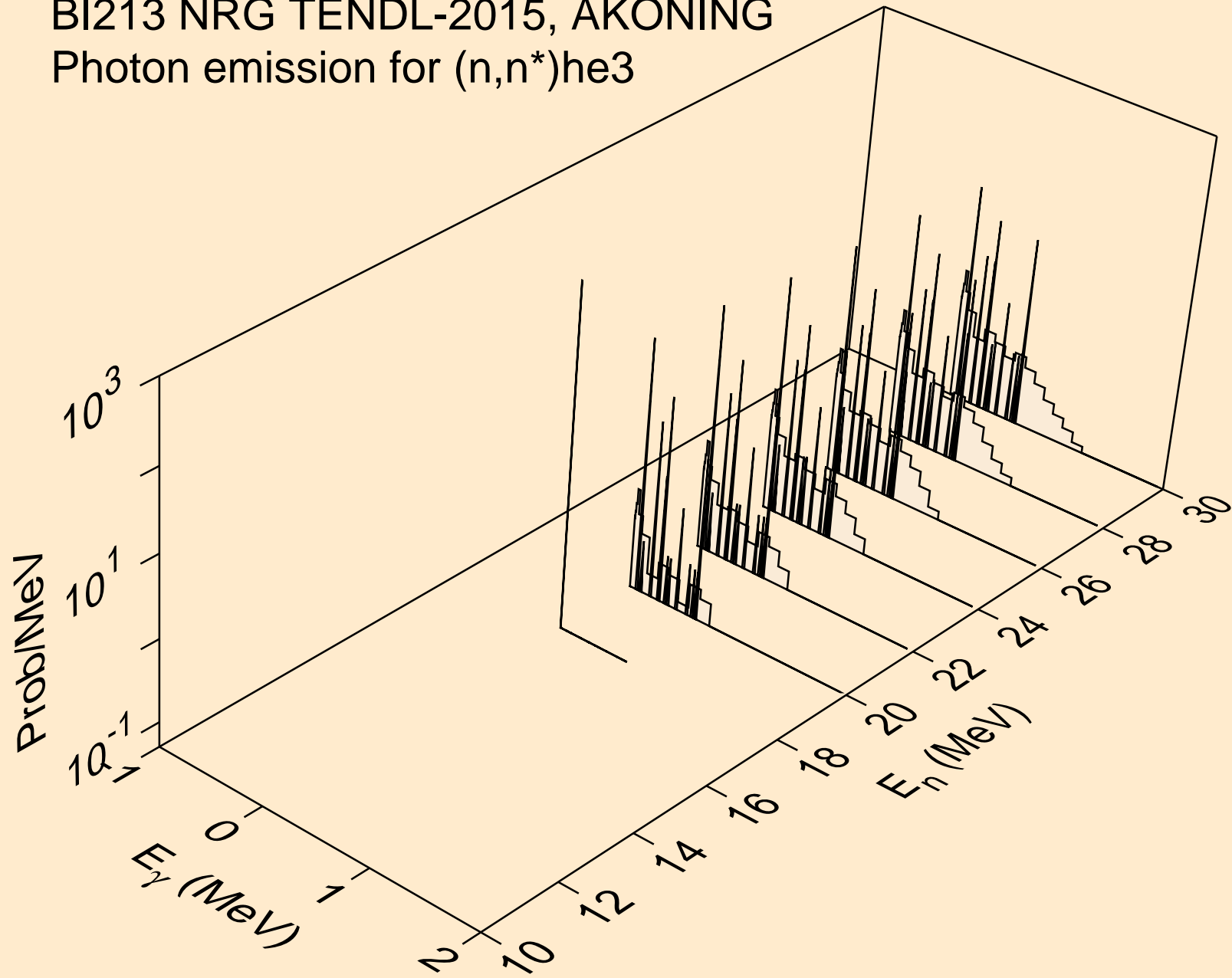
BI213 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



BI213 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

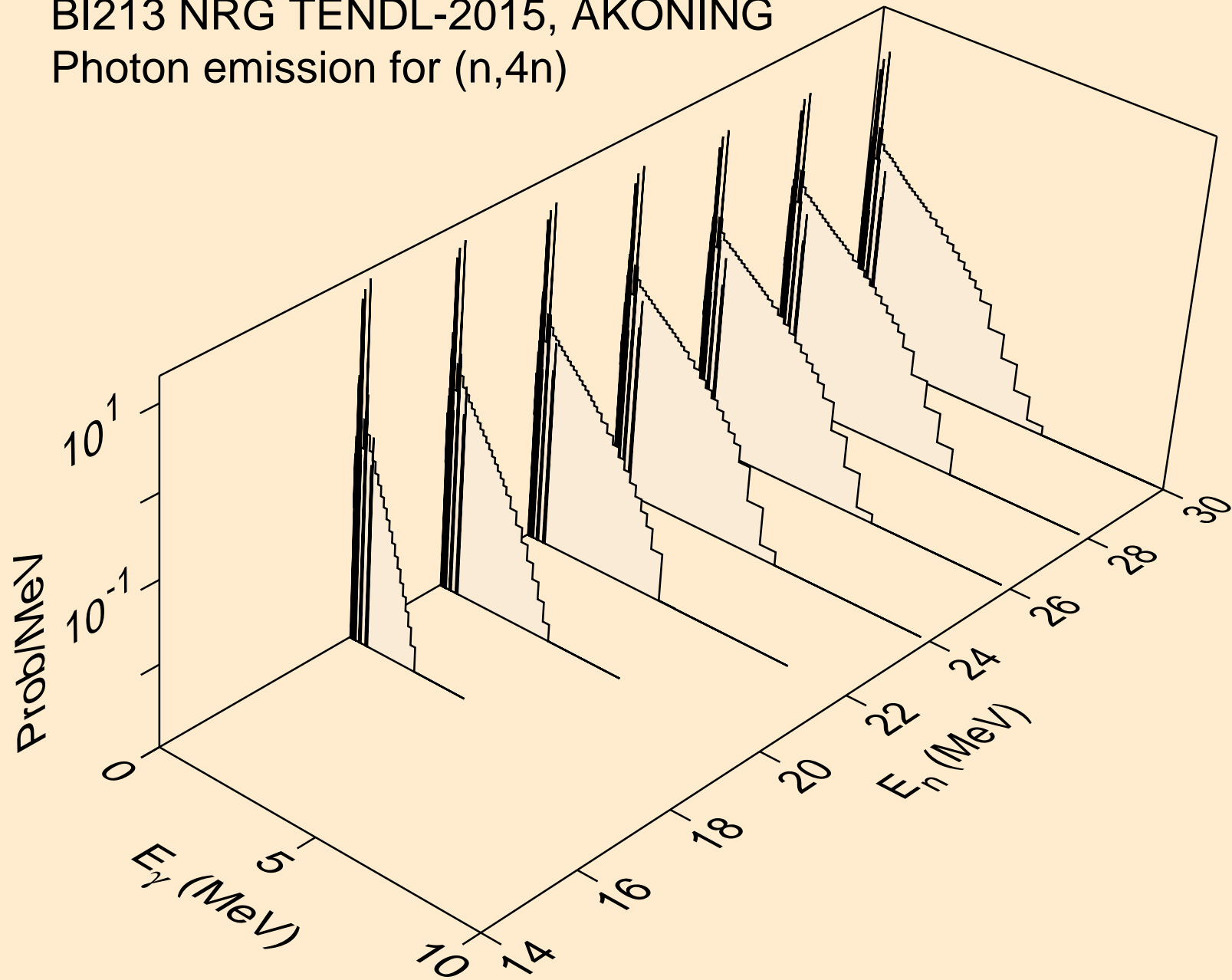


BI213 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

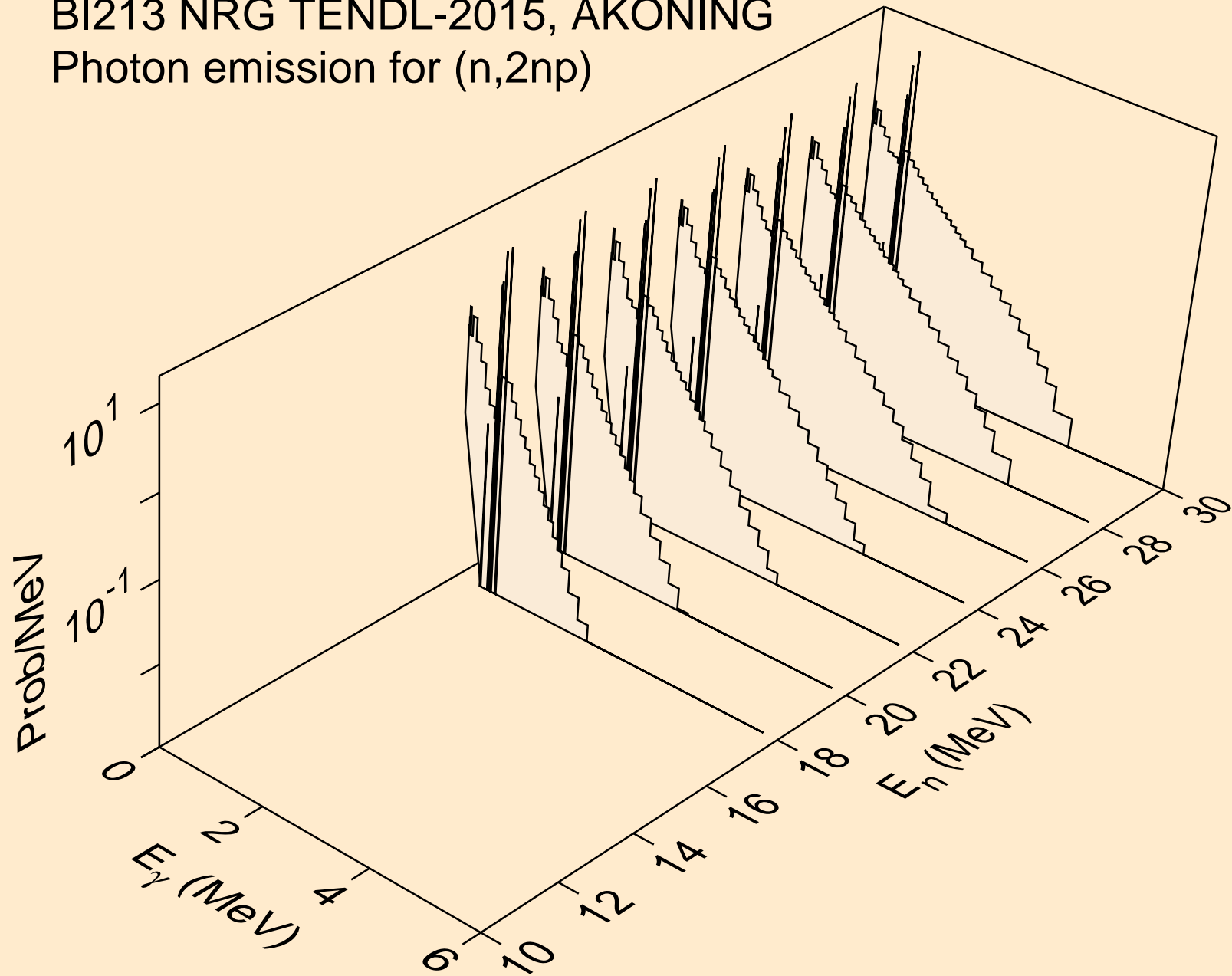




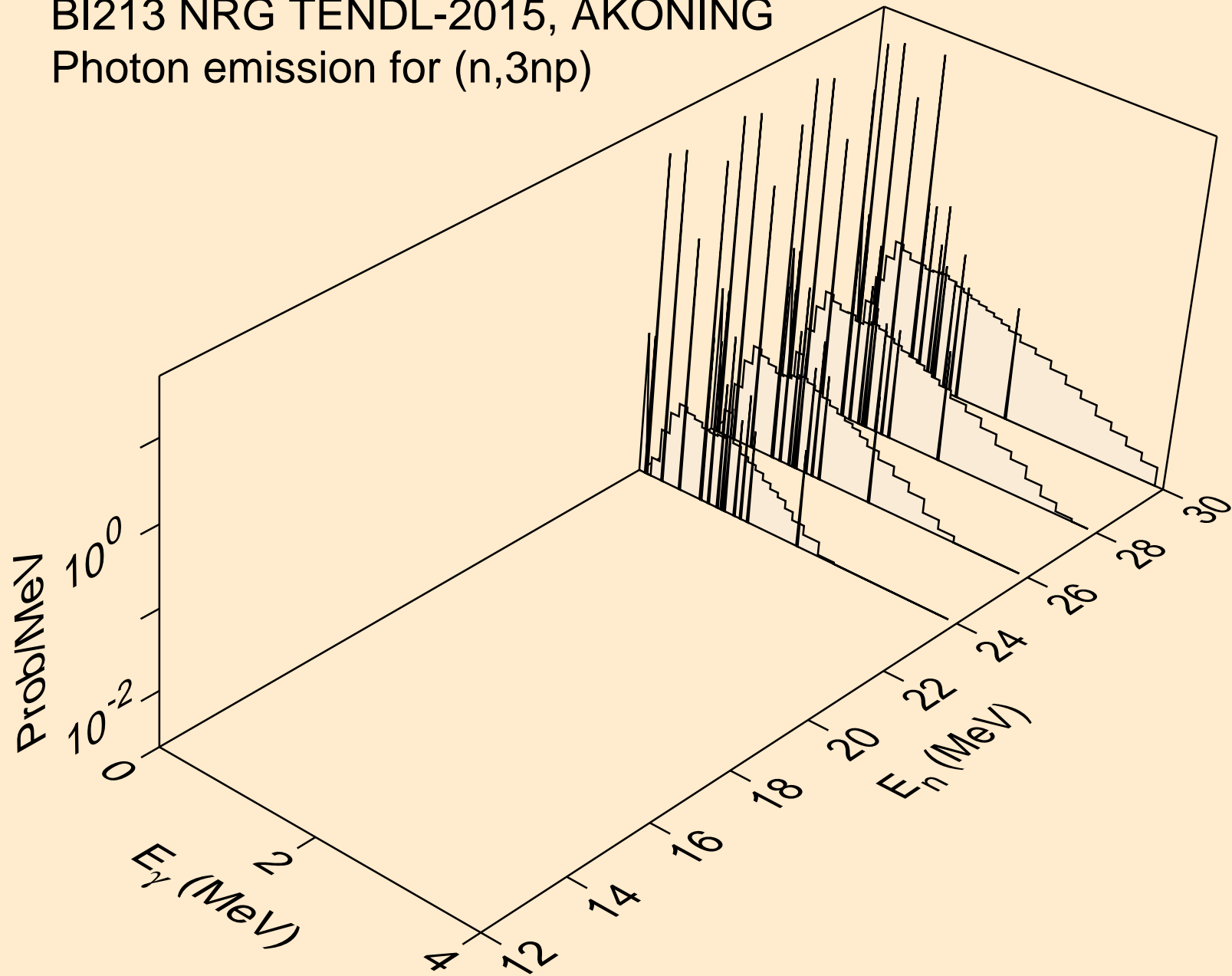
BI213 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



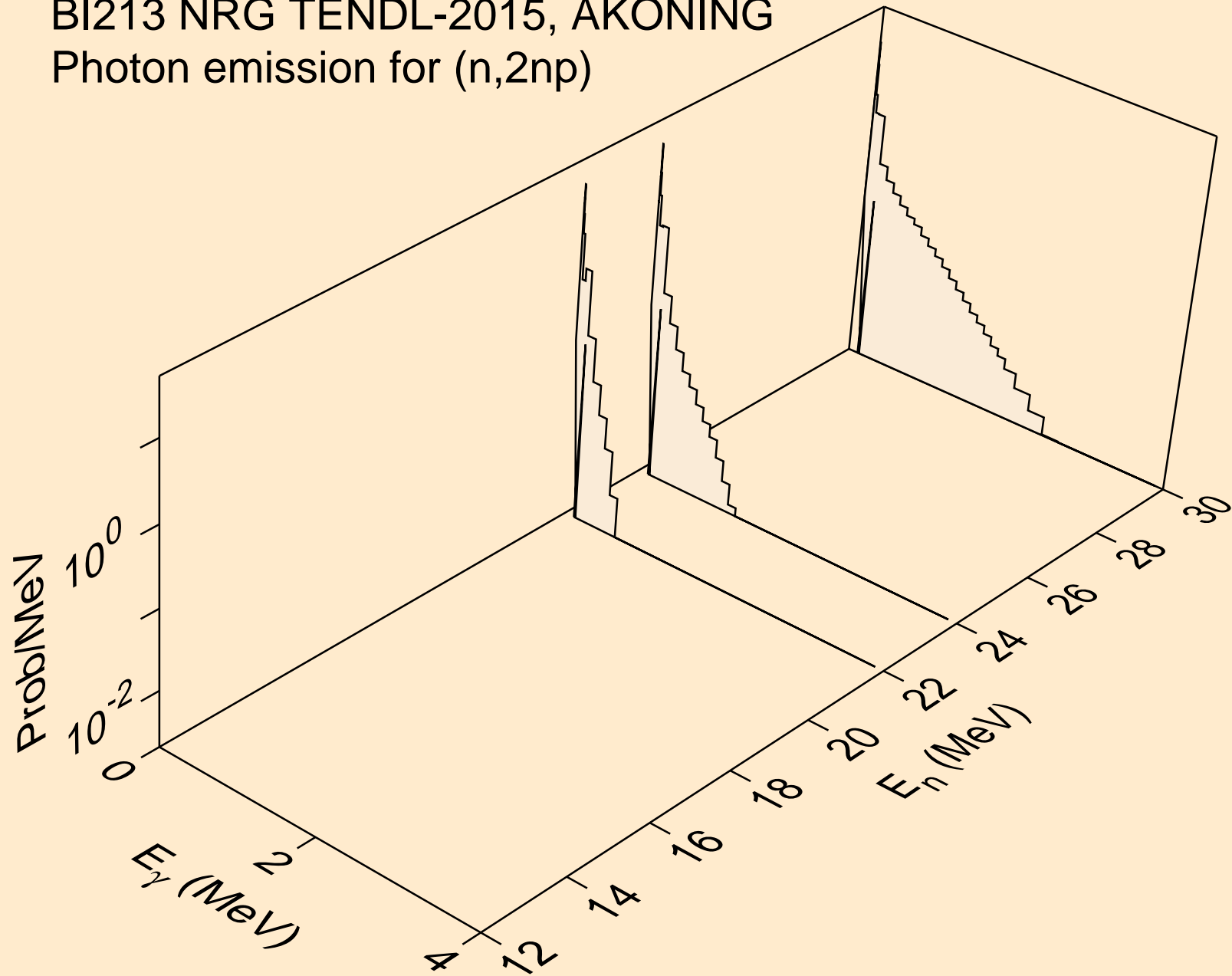
BI213 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



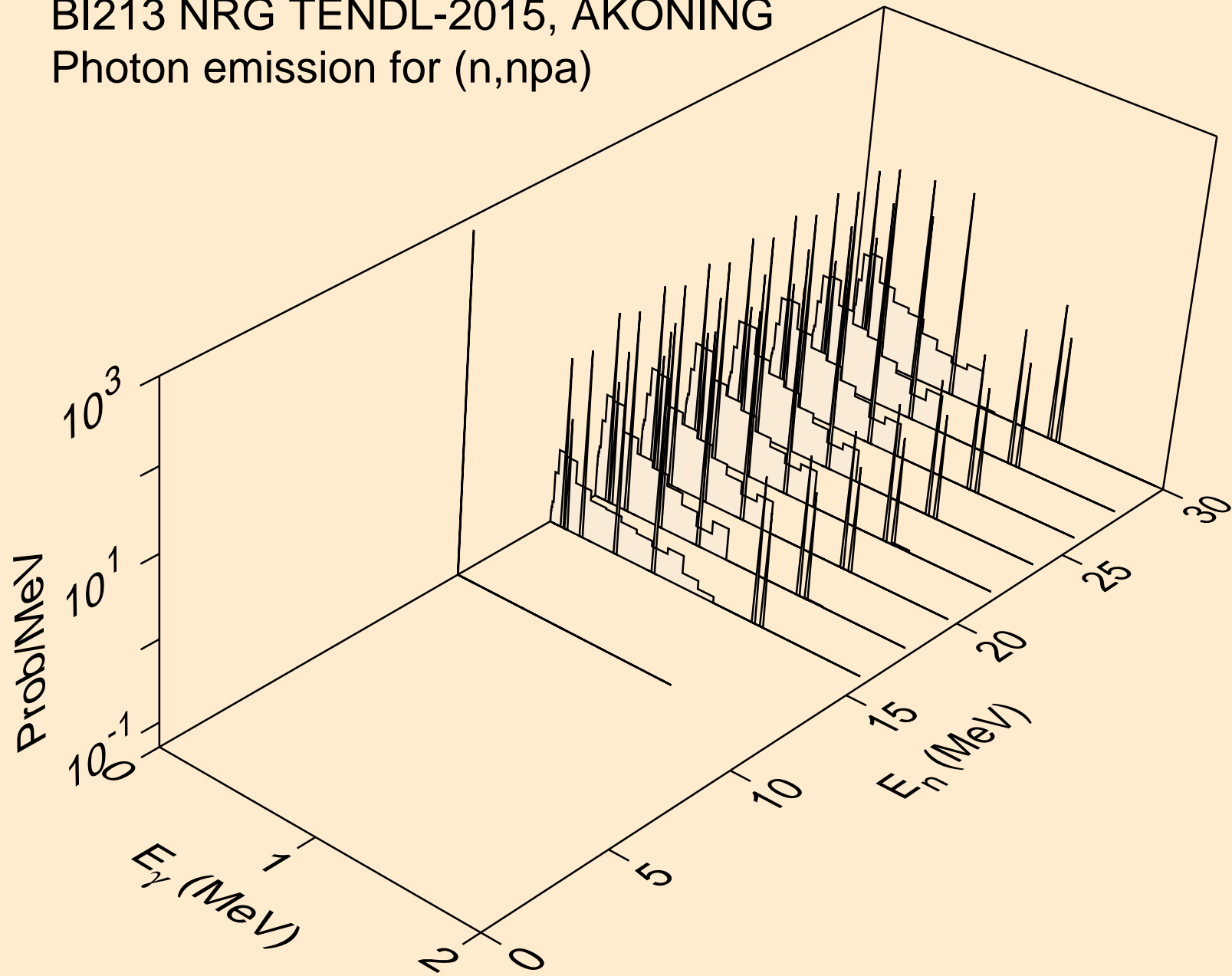
BI213 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



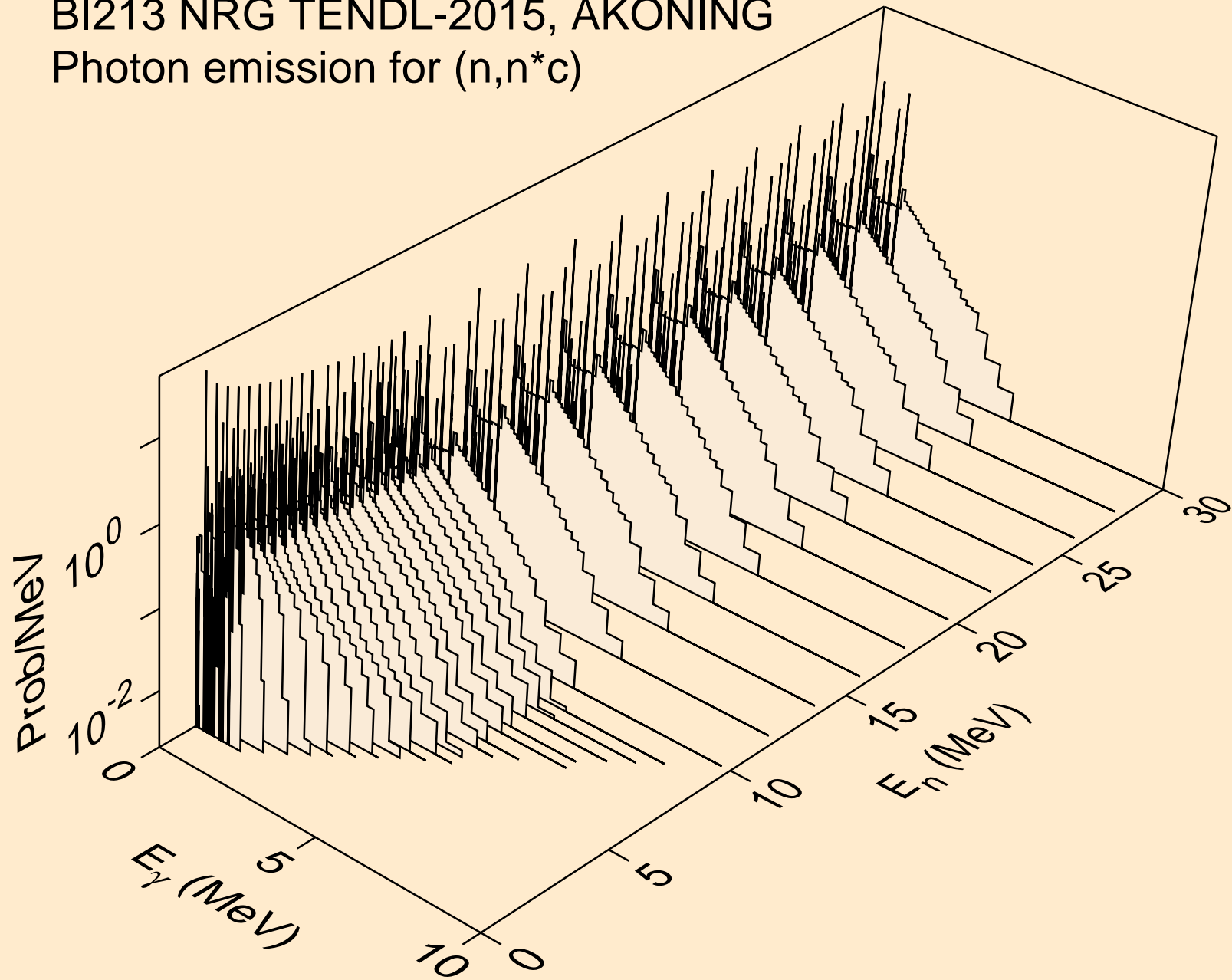
BI213 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



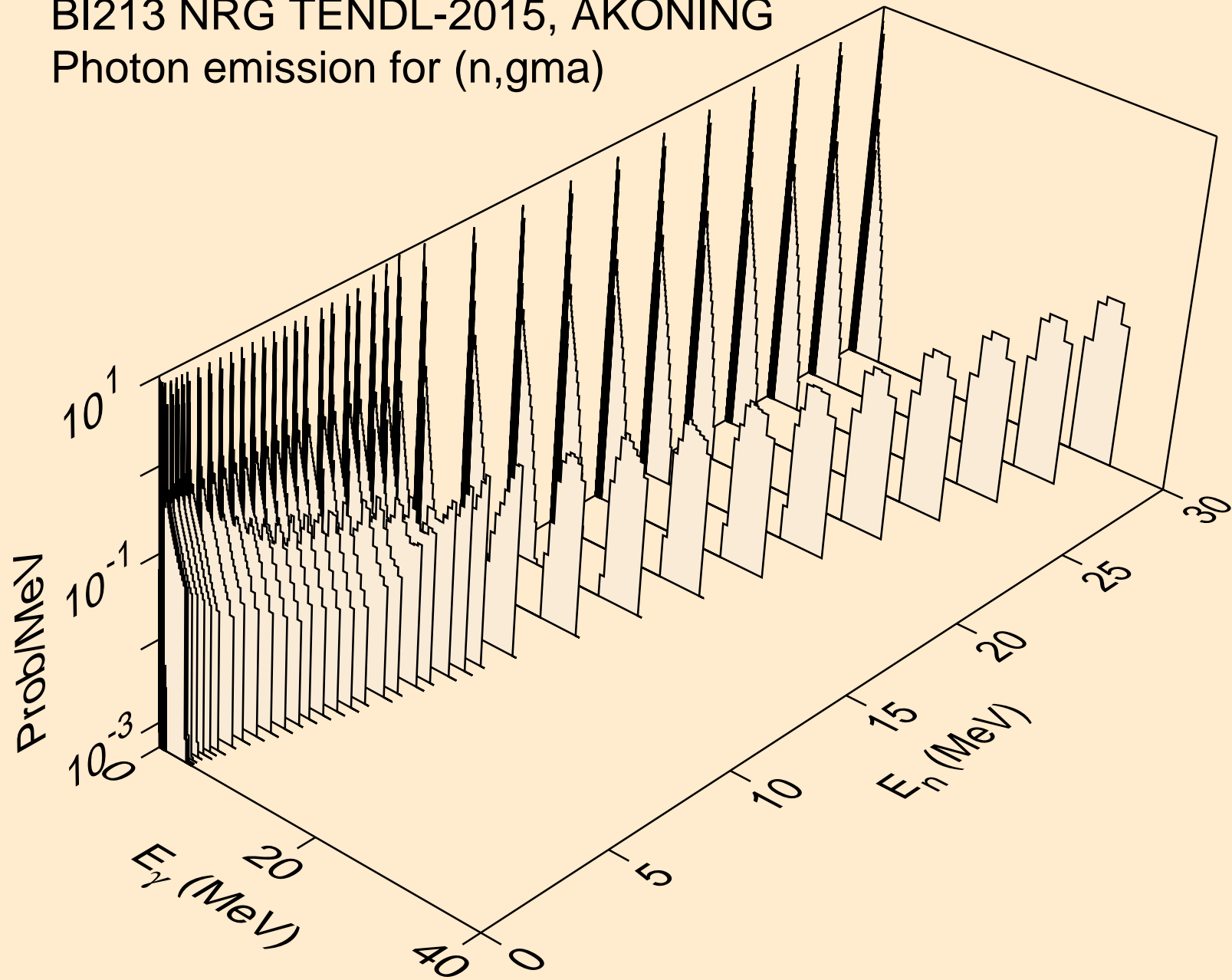
BI213 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



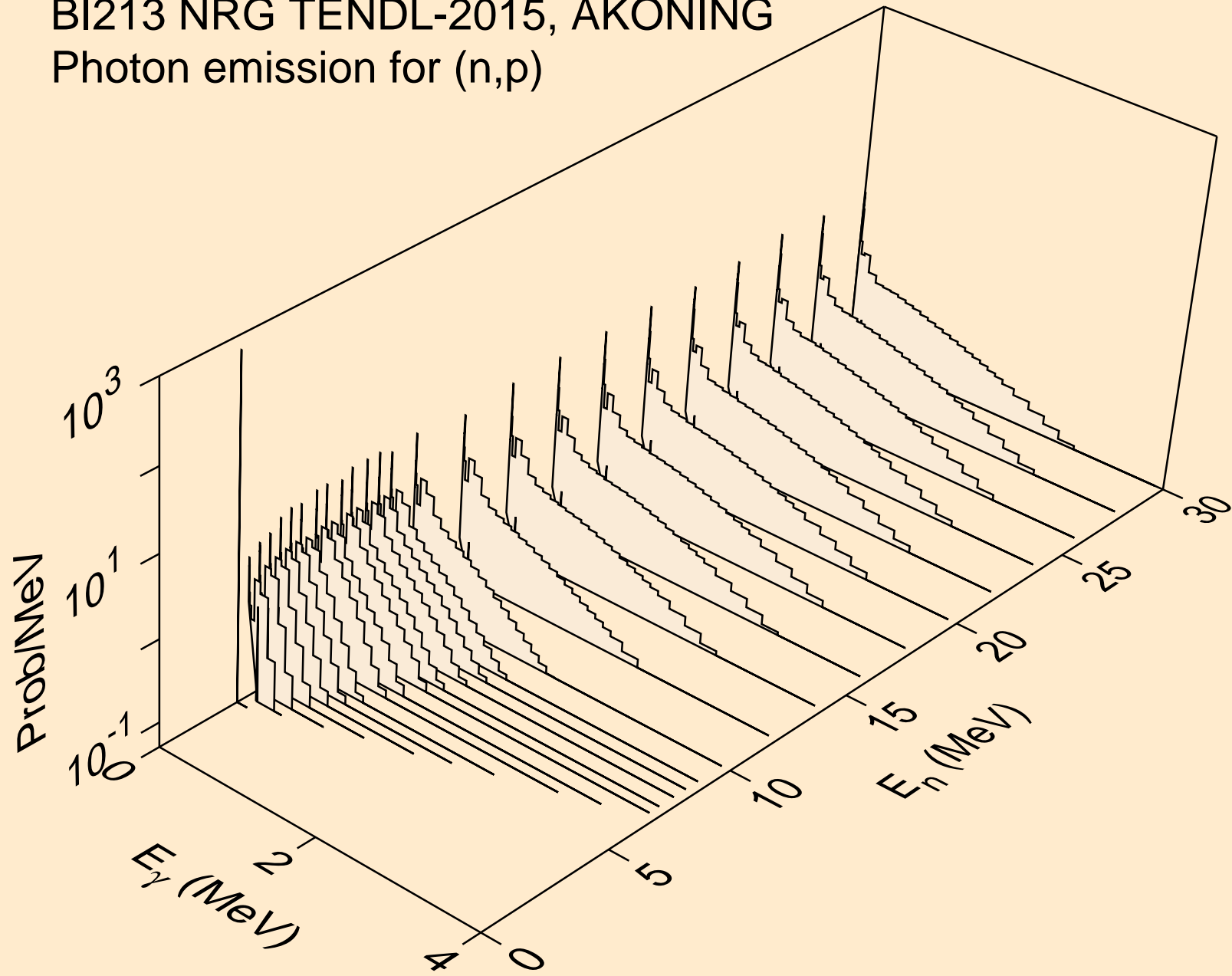
BI213 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



BI213 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)

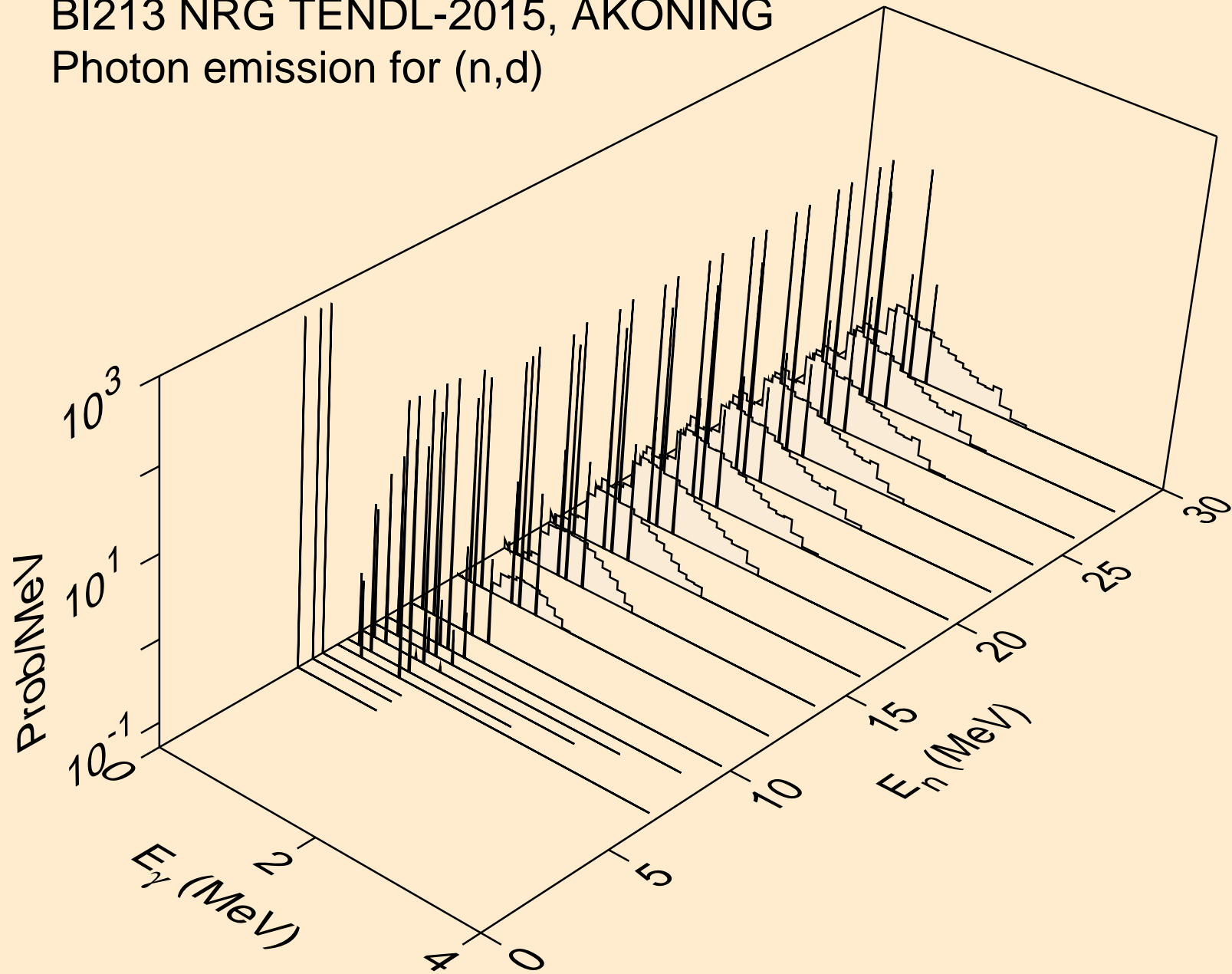


BI213 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

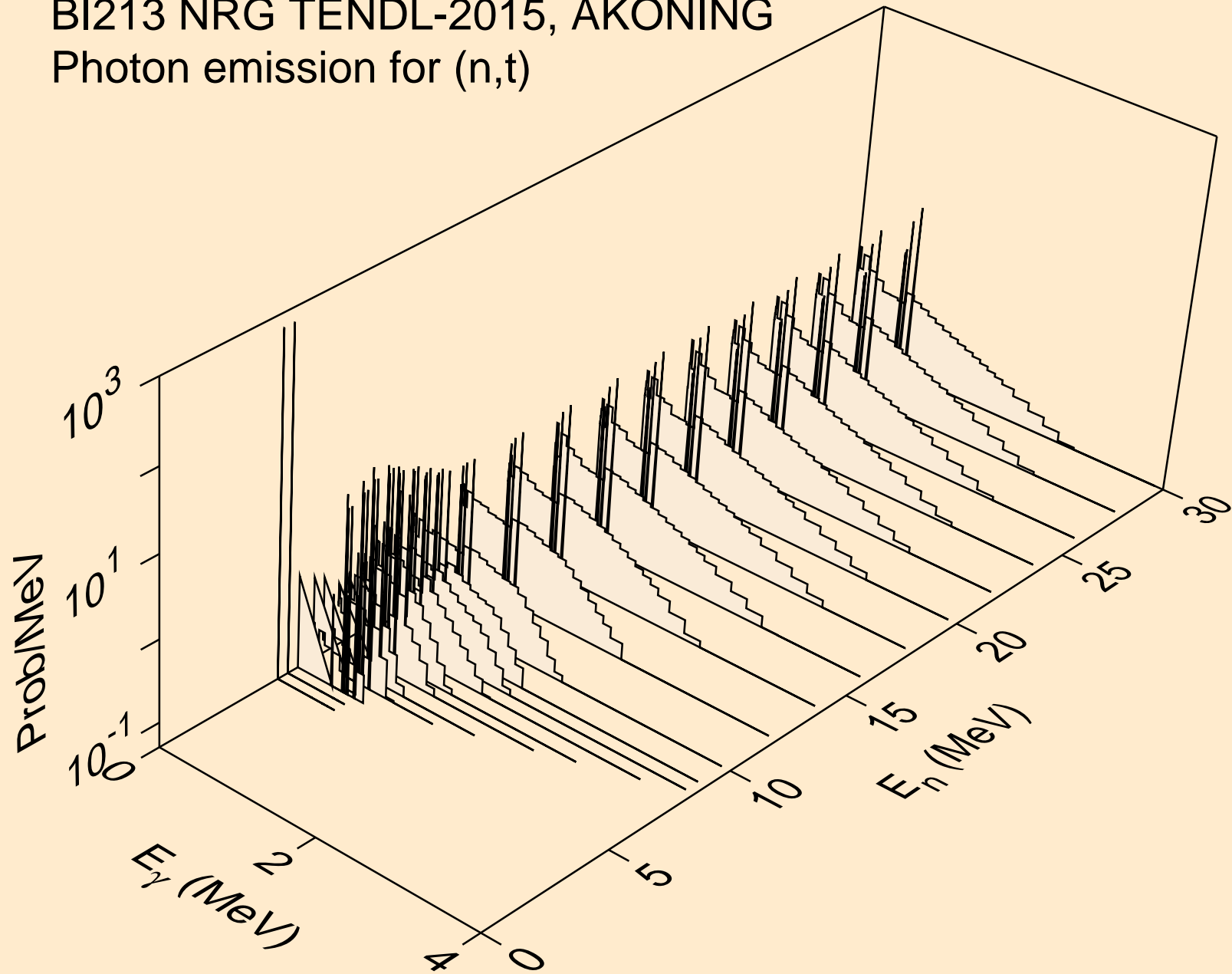




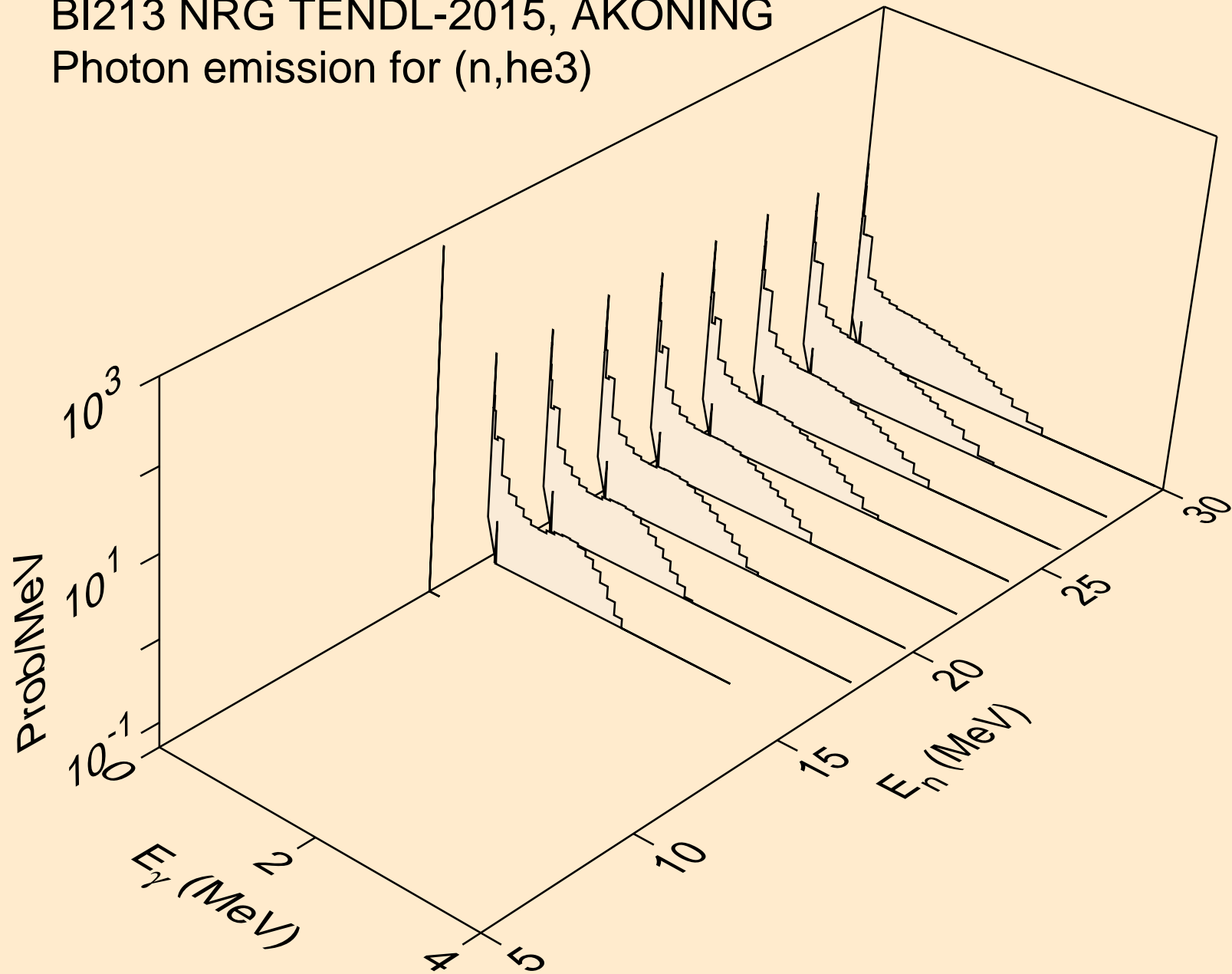
BI213 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



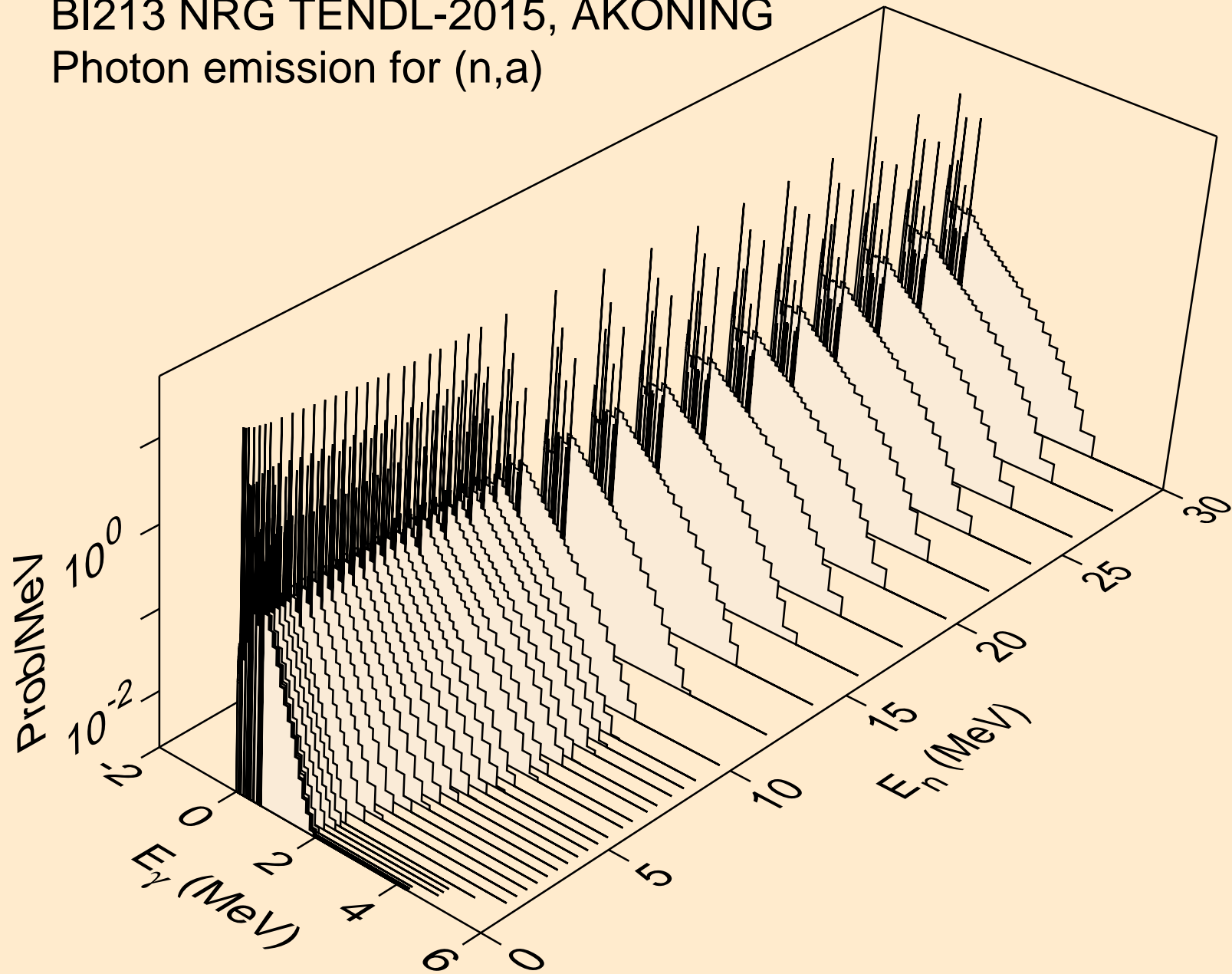
BI213 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



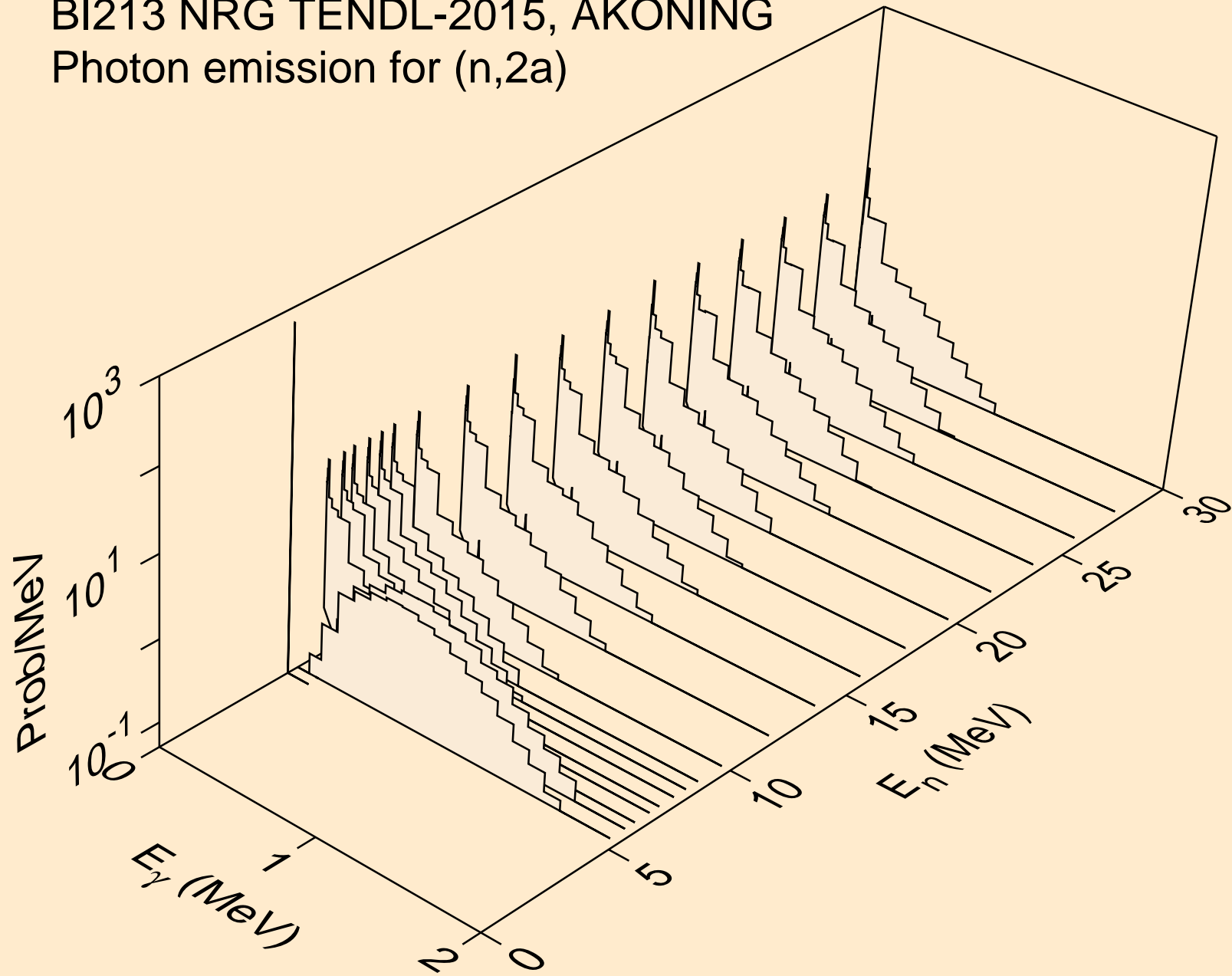
BI213 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



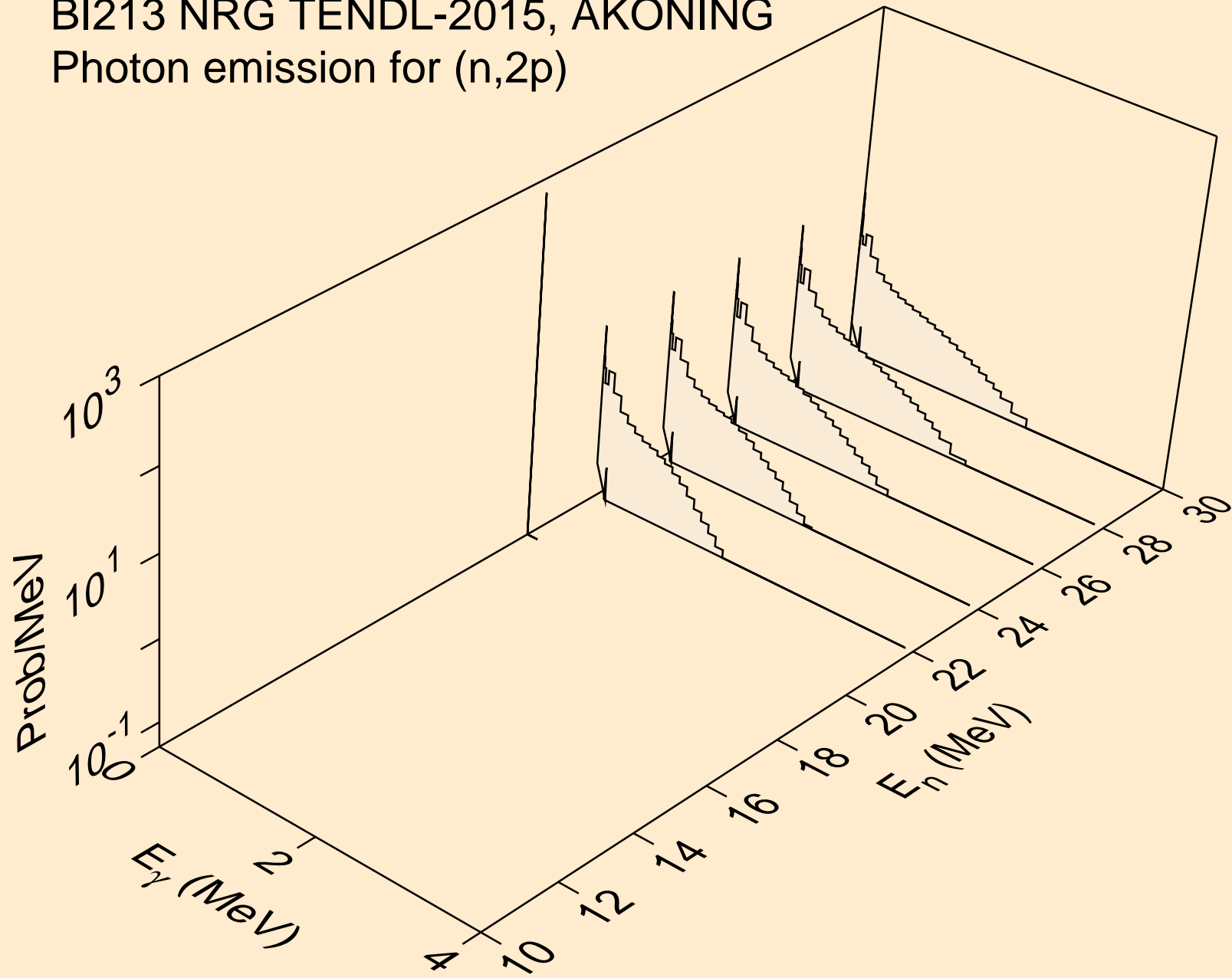
BI213 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



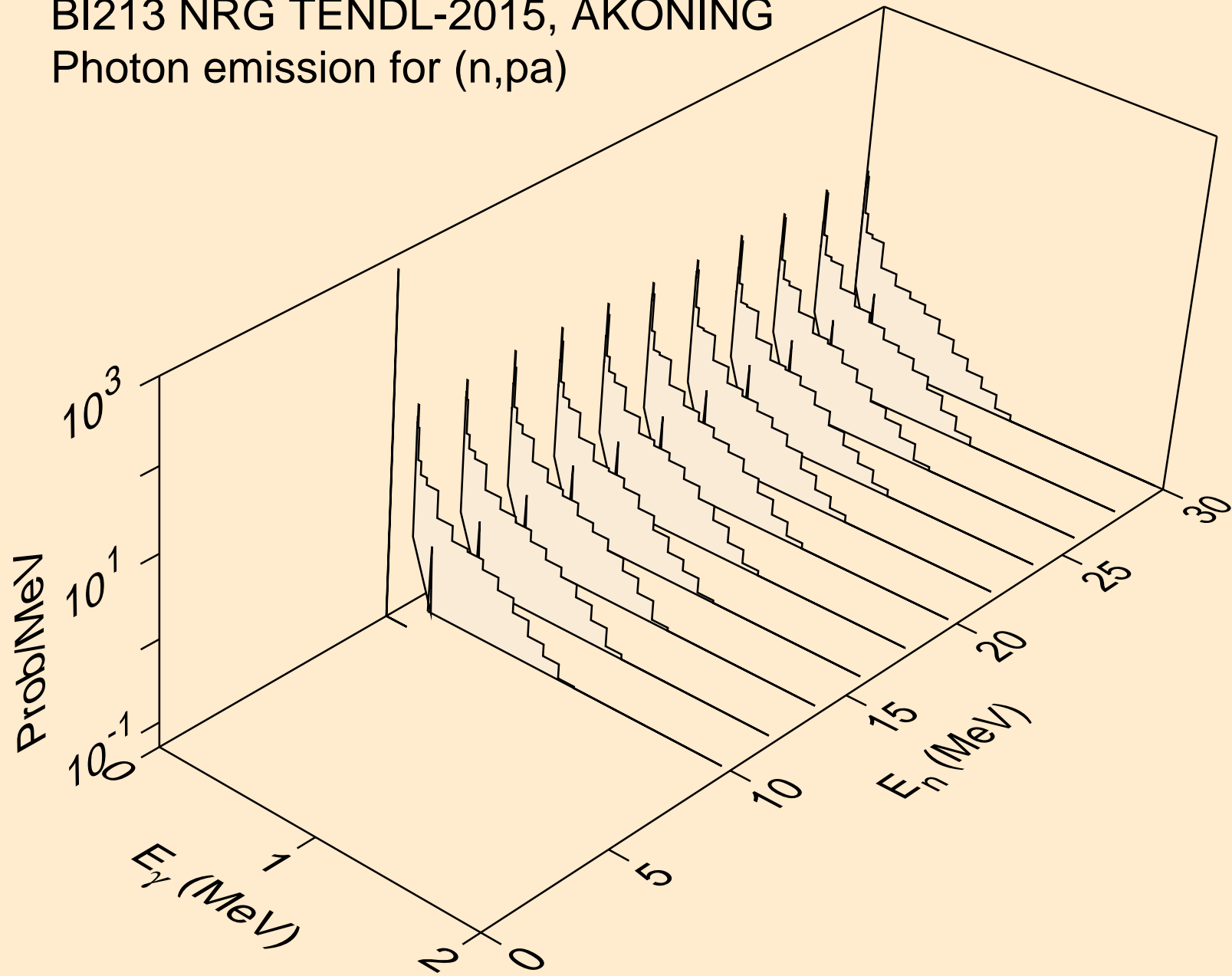
BI213 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



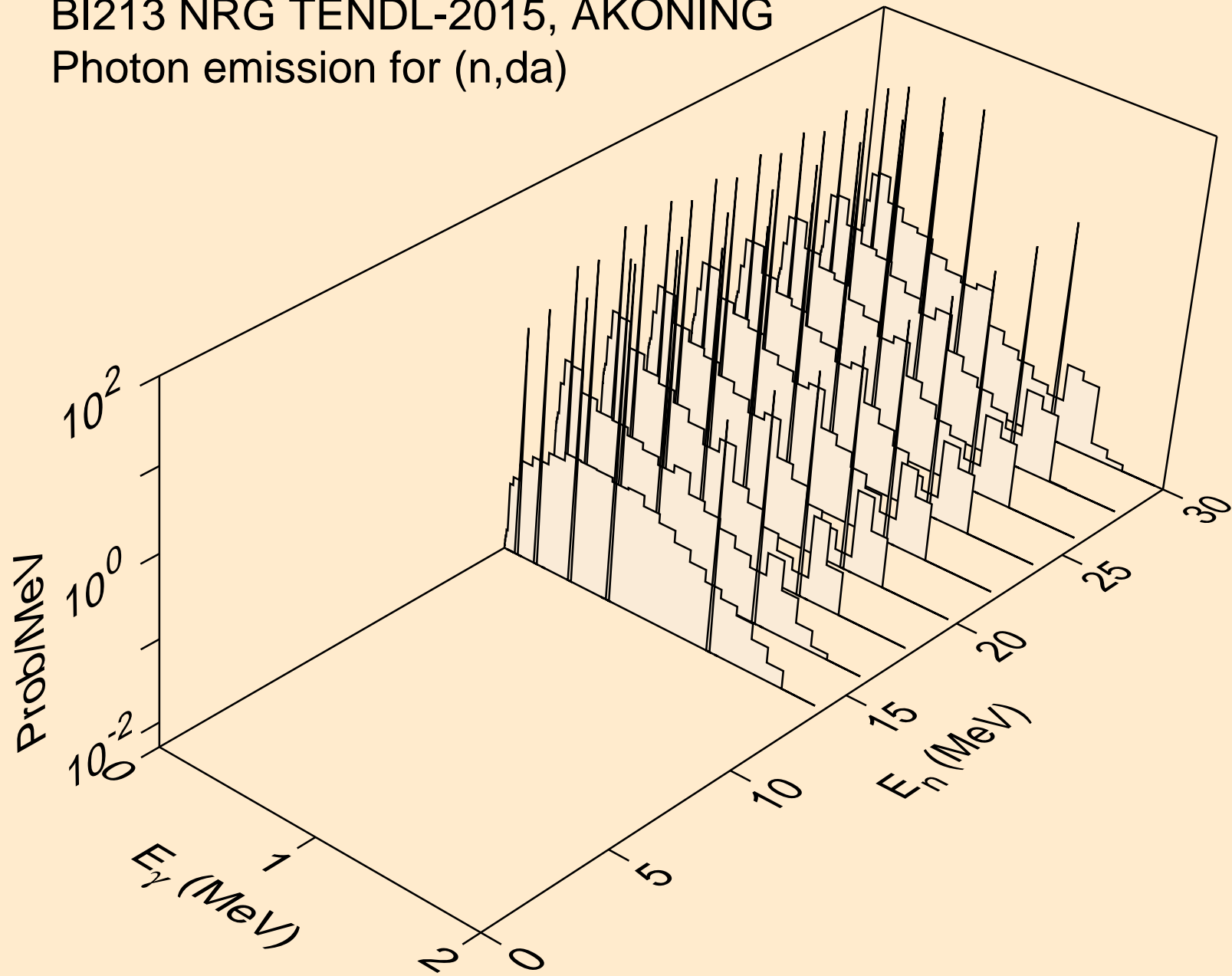
BI213 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



BI213 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )

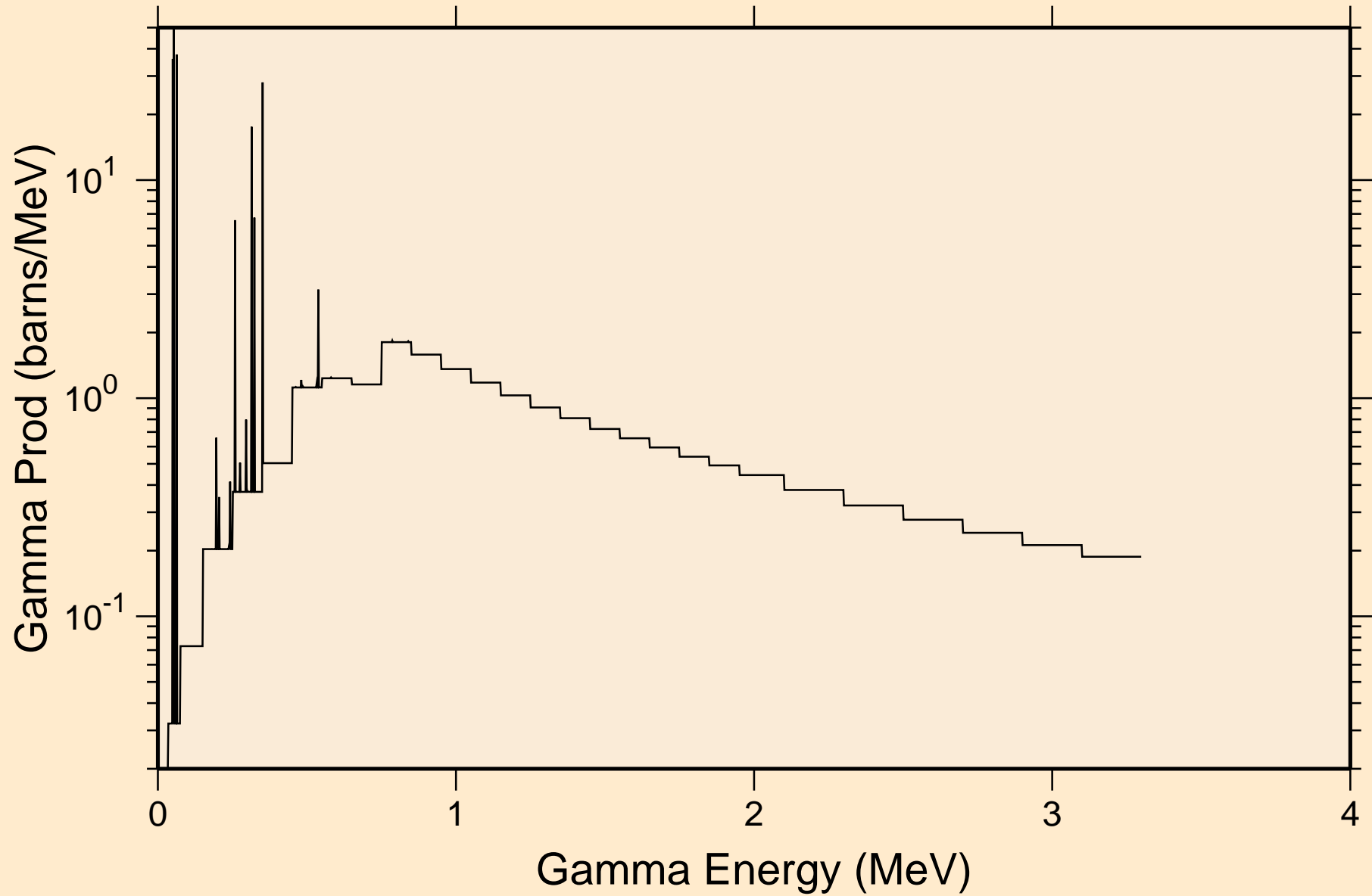


BI213 NRG TENDL-2015, AKONING  
Photon emission for (n,da)

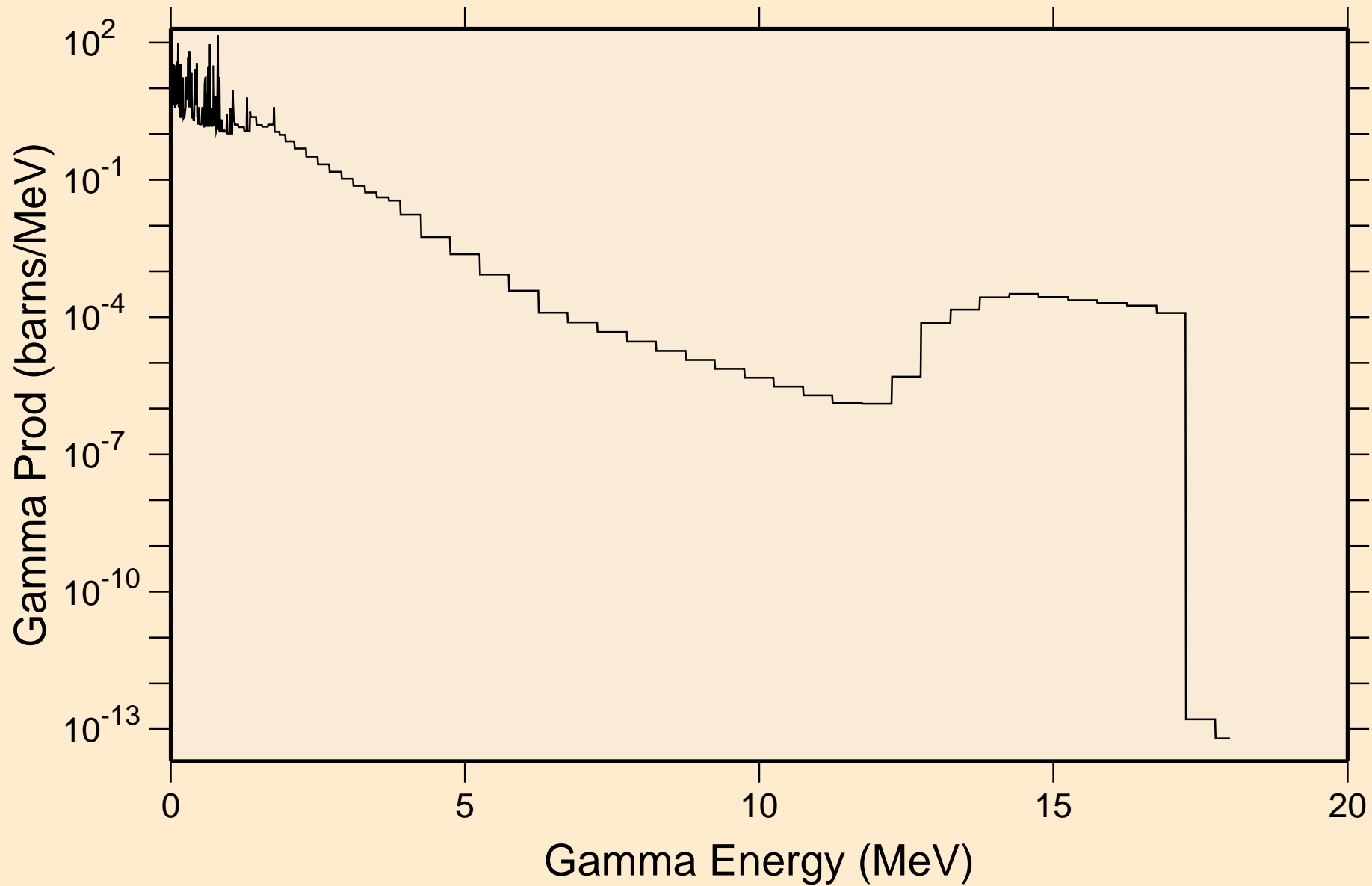




BI213 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

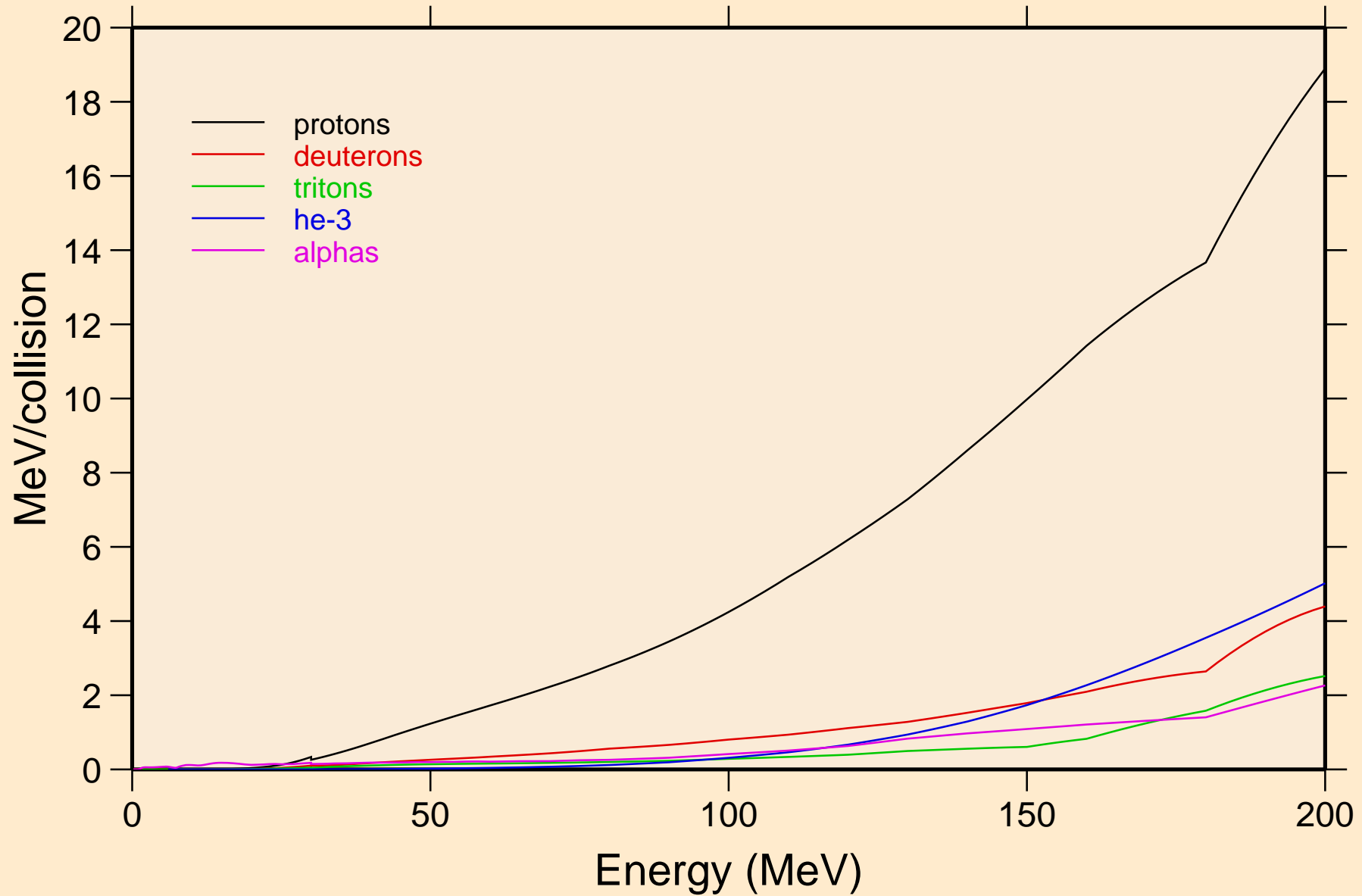


BI213 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



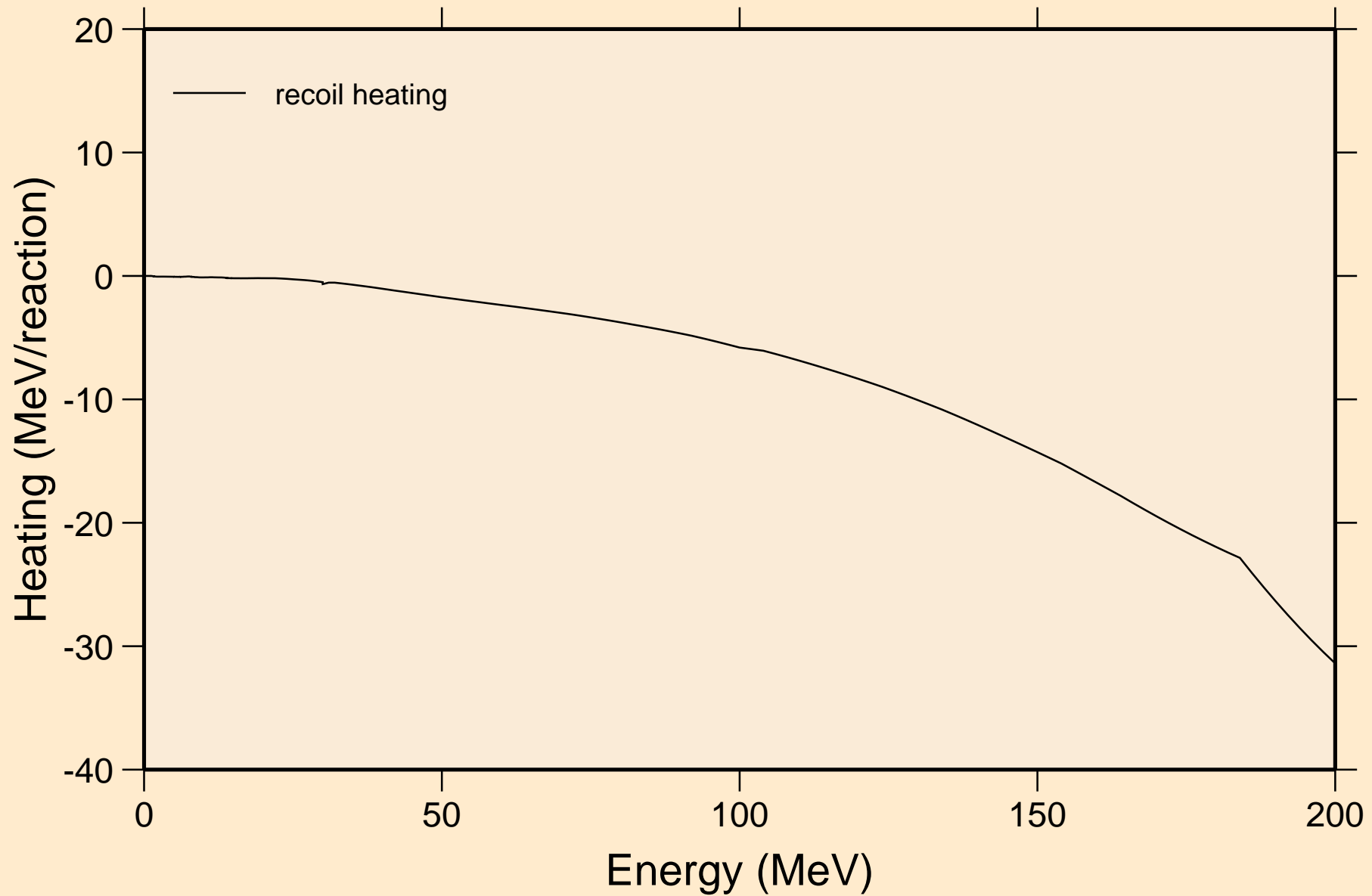
# BI213 NRG TENDL-2015, AKONING

## Particle heating contributions



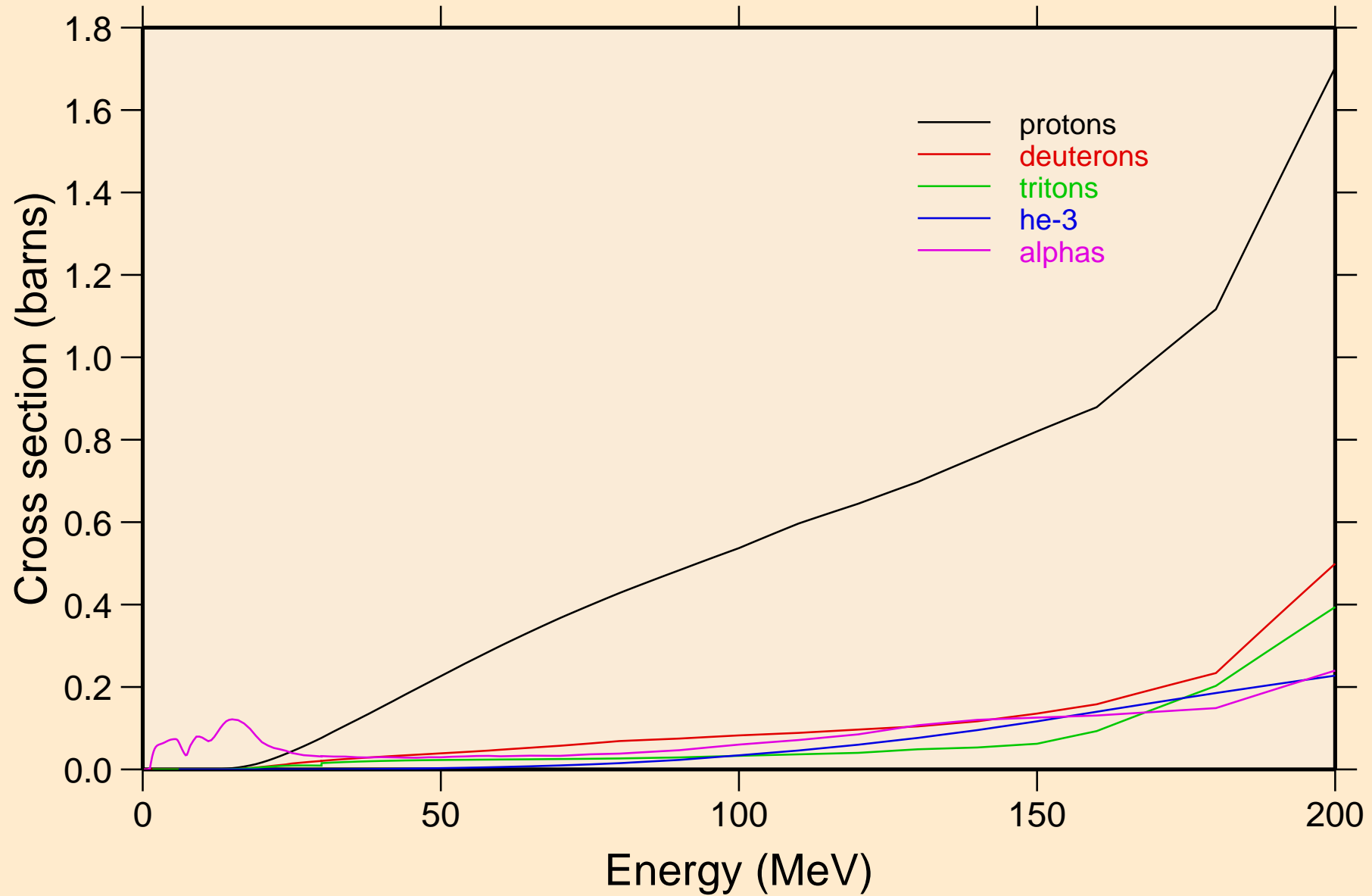
# BI213 NRG TENDL-2015, AKONING

## Recoil Heating

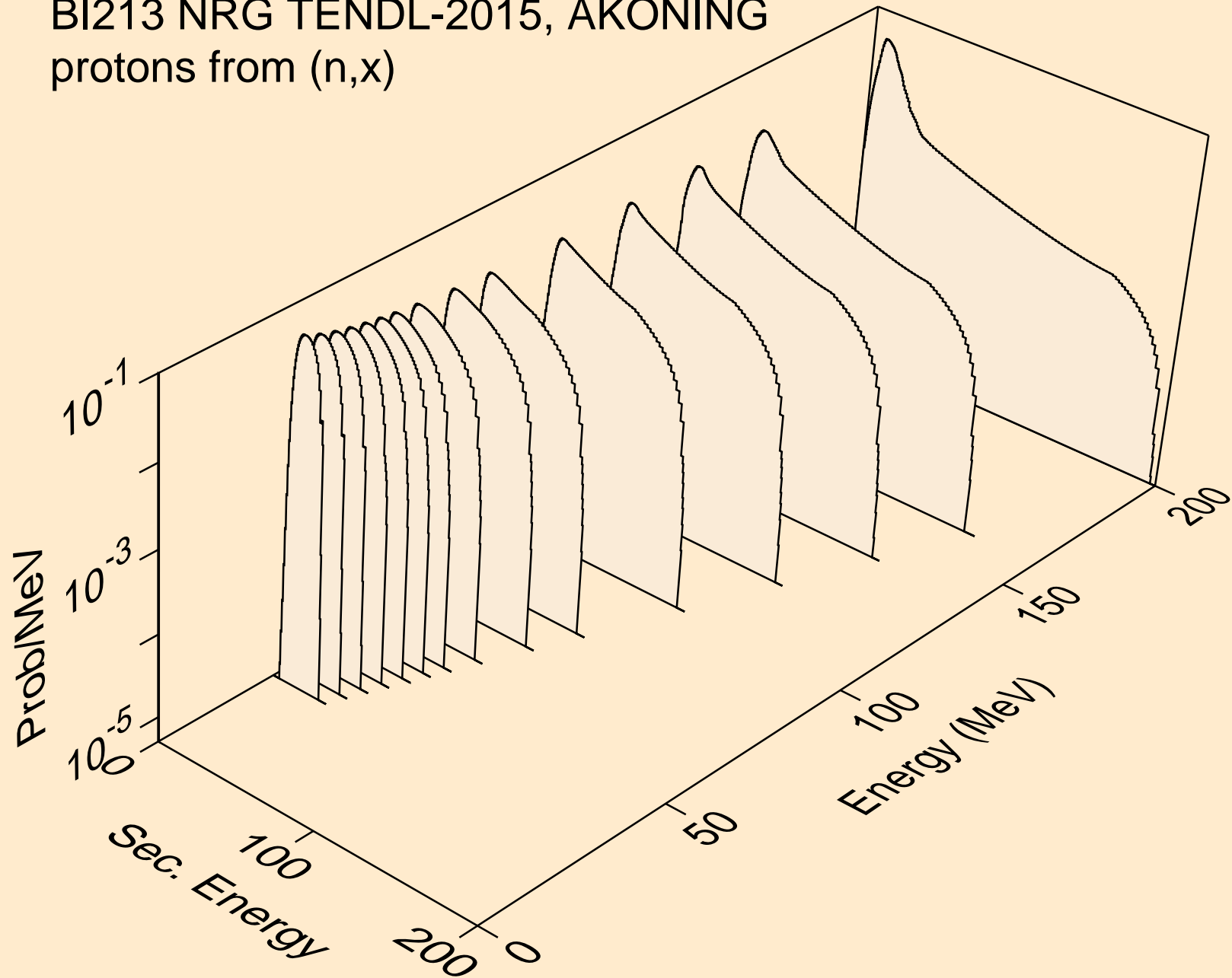


# BI213 NRG TENDL-2015, AKONING

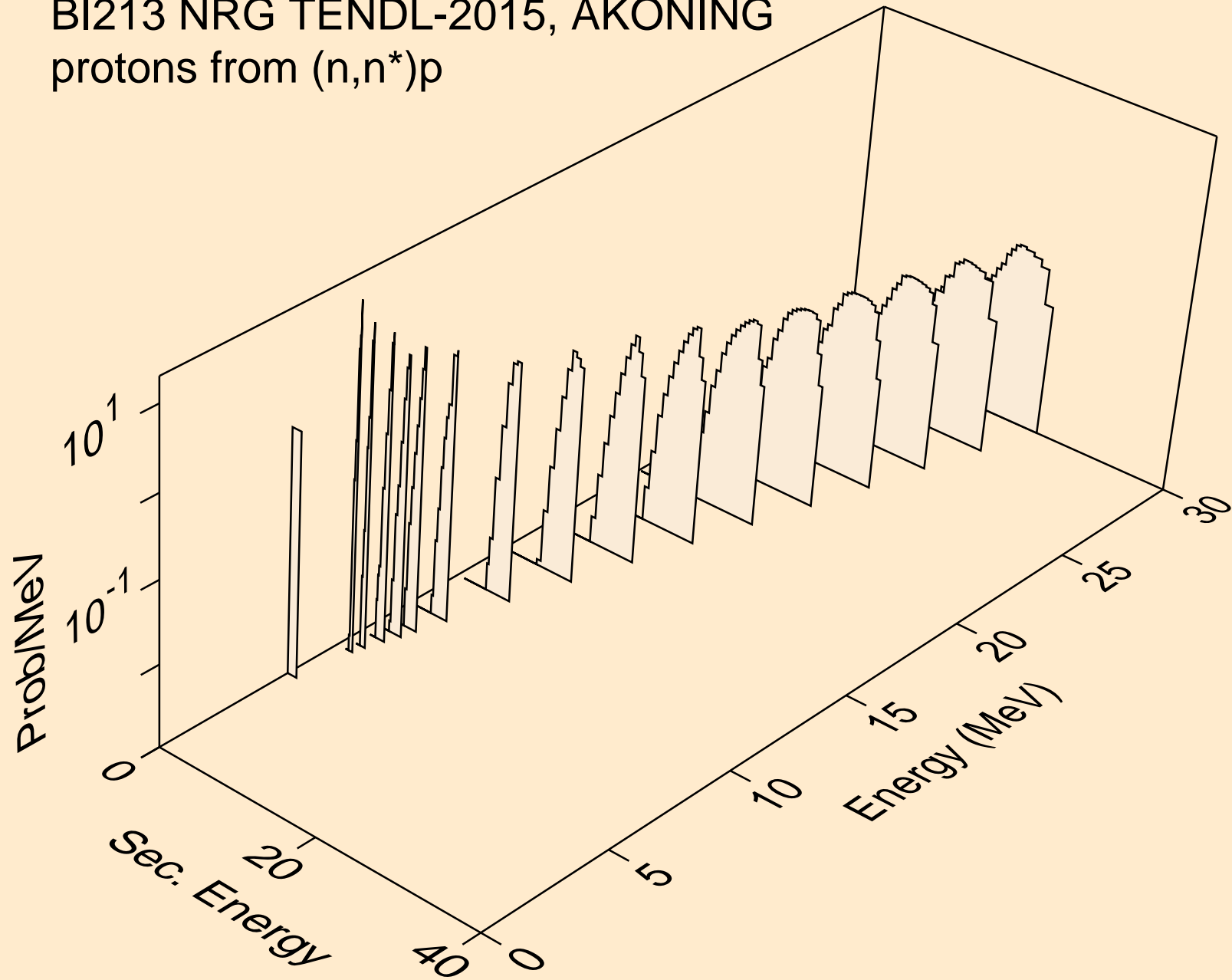
## Particle production cross sections



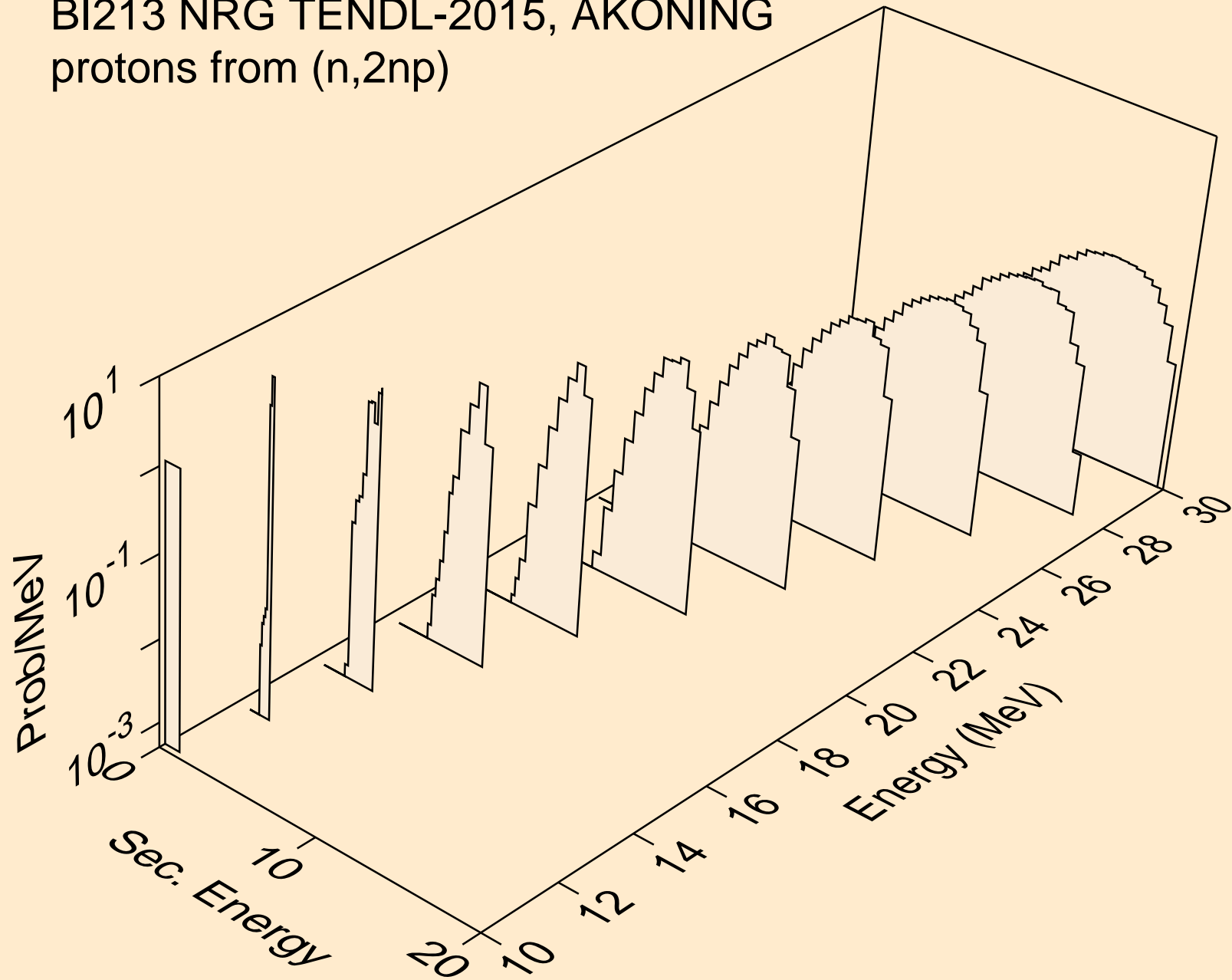
BI213 NRG TENDL-2015, AKONING  
protons from (n,x)



BI213 NRG TENDL-2015, AKONING  
protons from (n,n\*)p

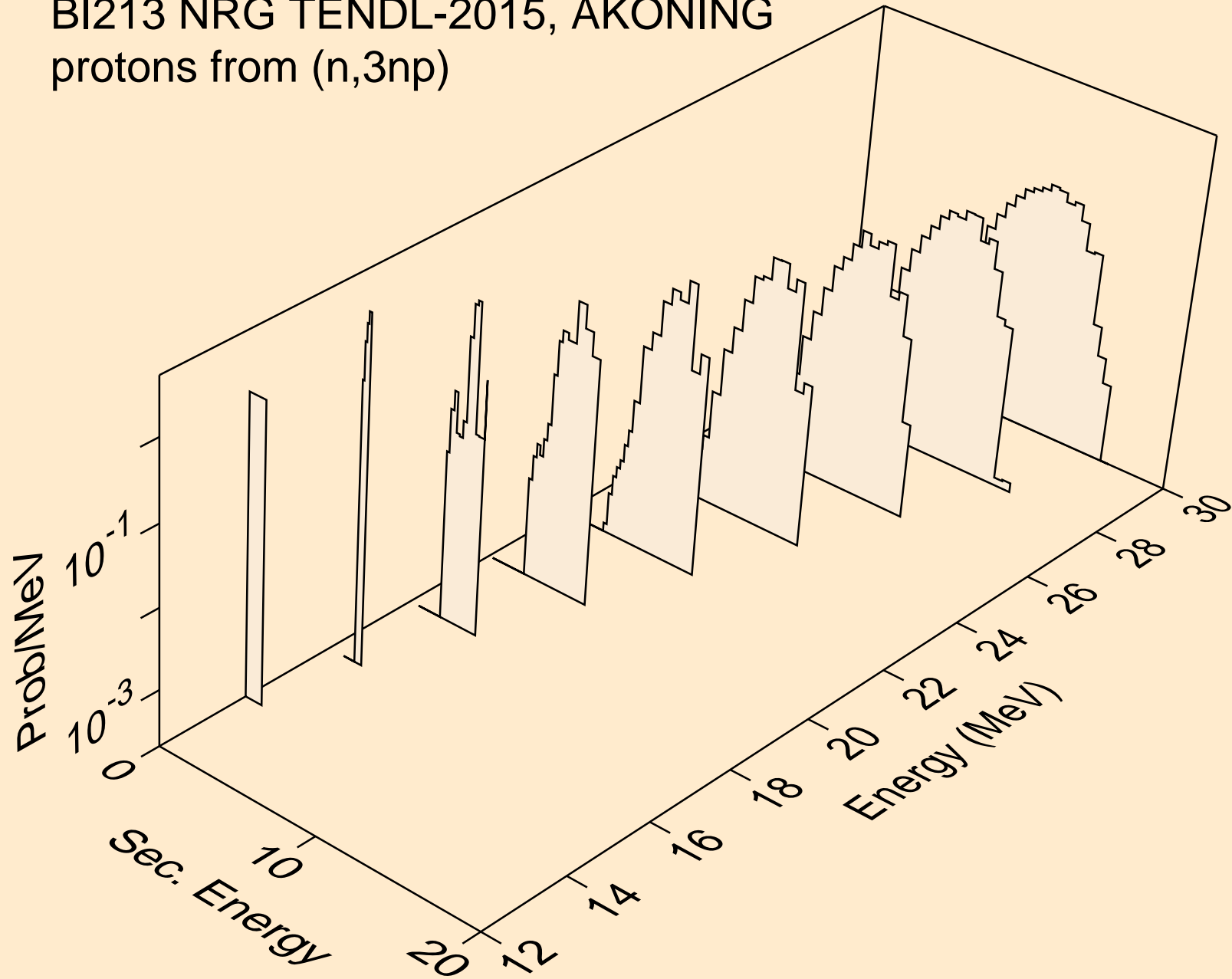


BI213 NRG TENDL-2015, AKONING  
protons from (n,2np)

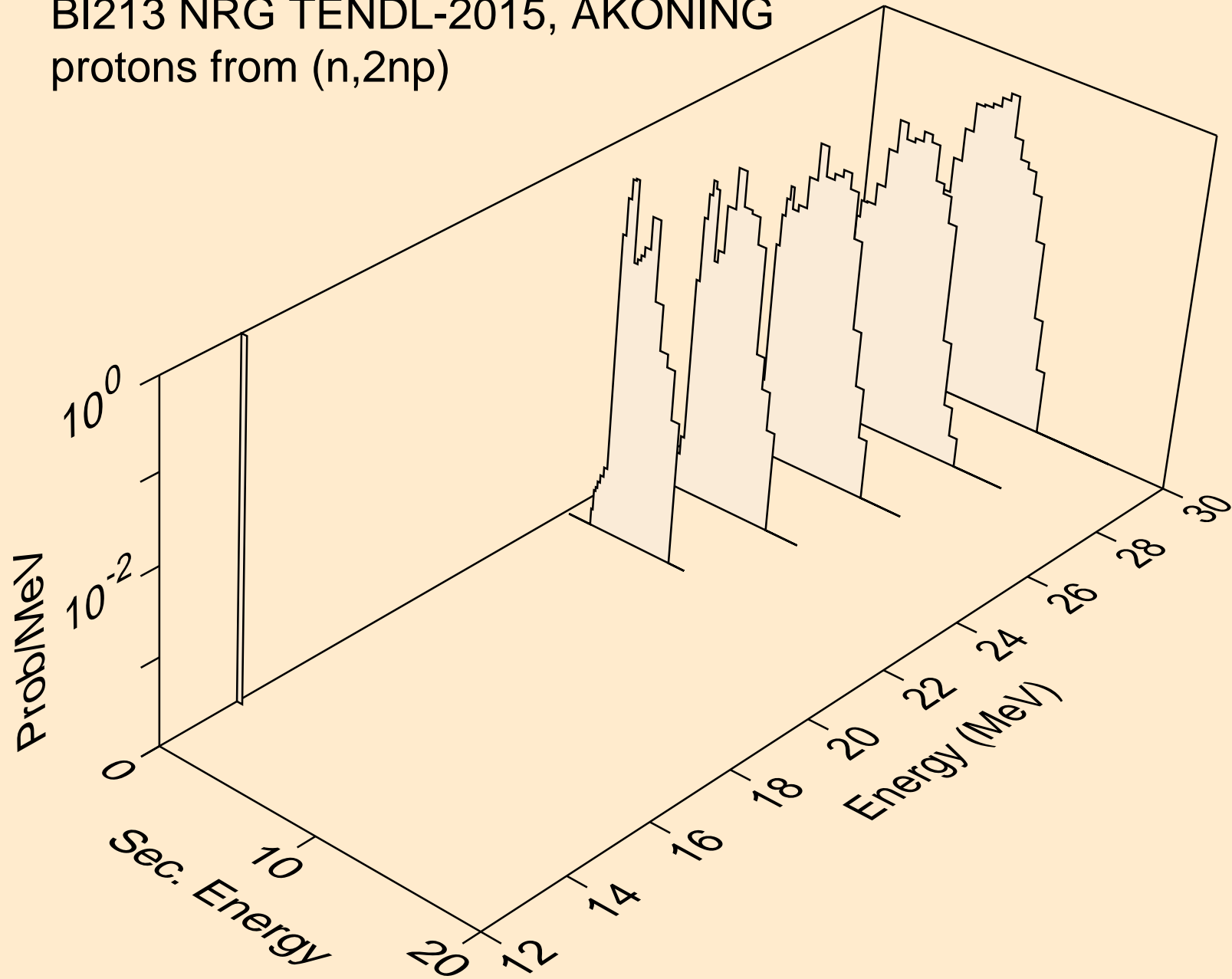




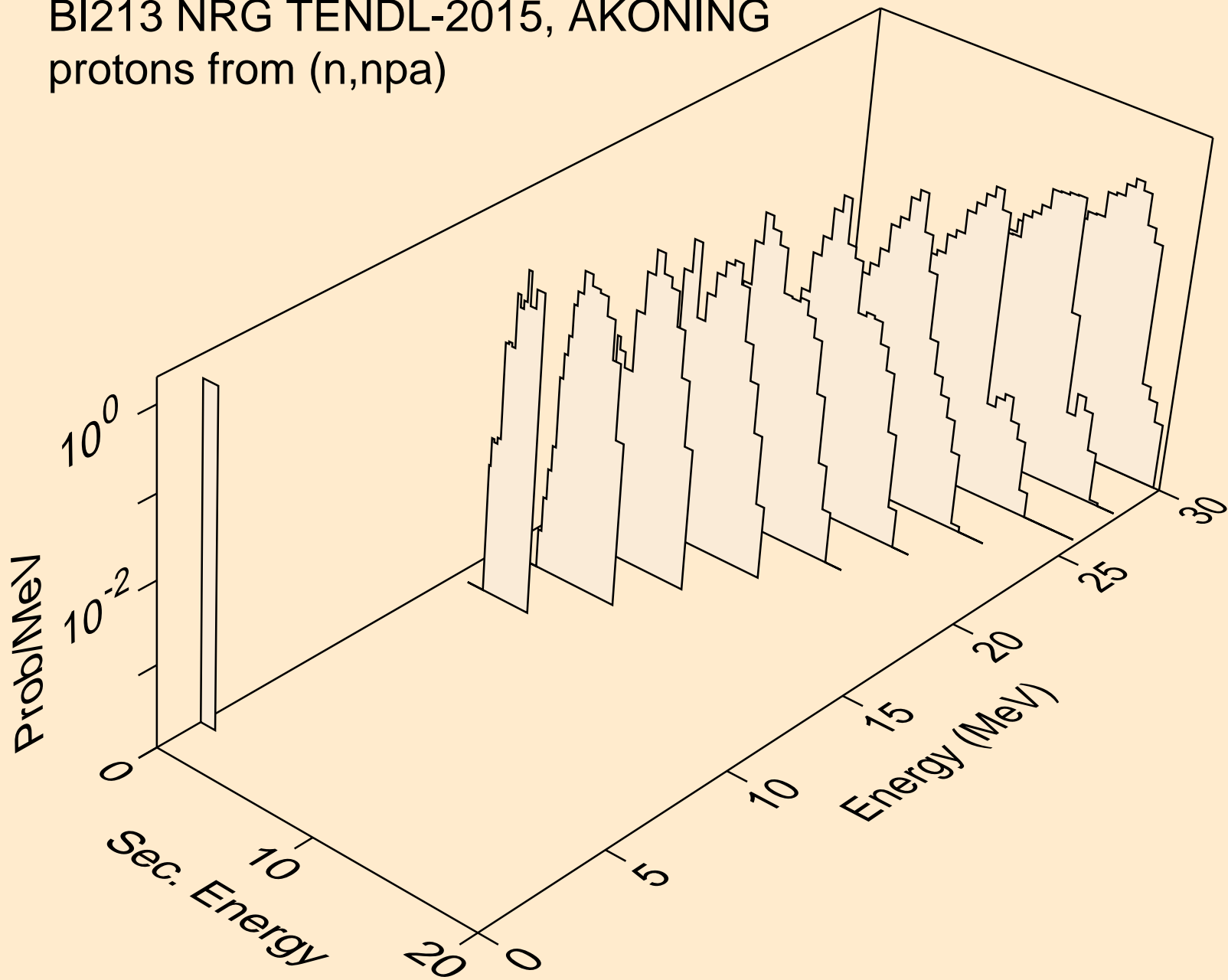
BI213 NRG TENDL-2015, AKONING  
protons from (n,3np)



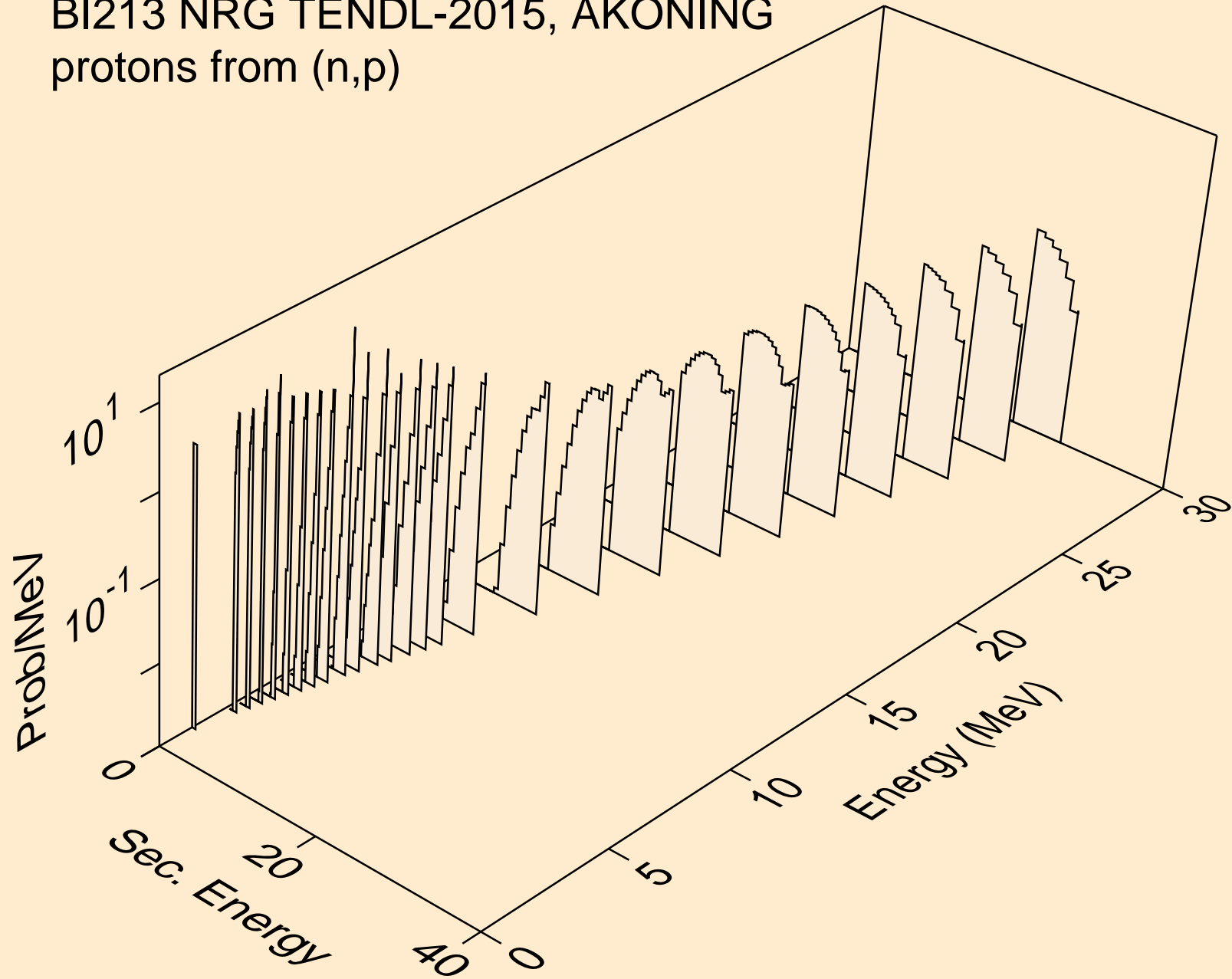
BI213 NRG TENDL-2015, AKONING  
protons from (n,2np)



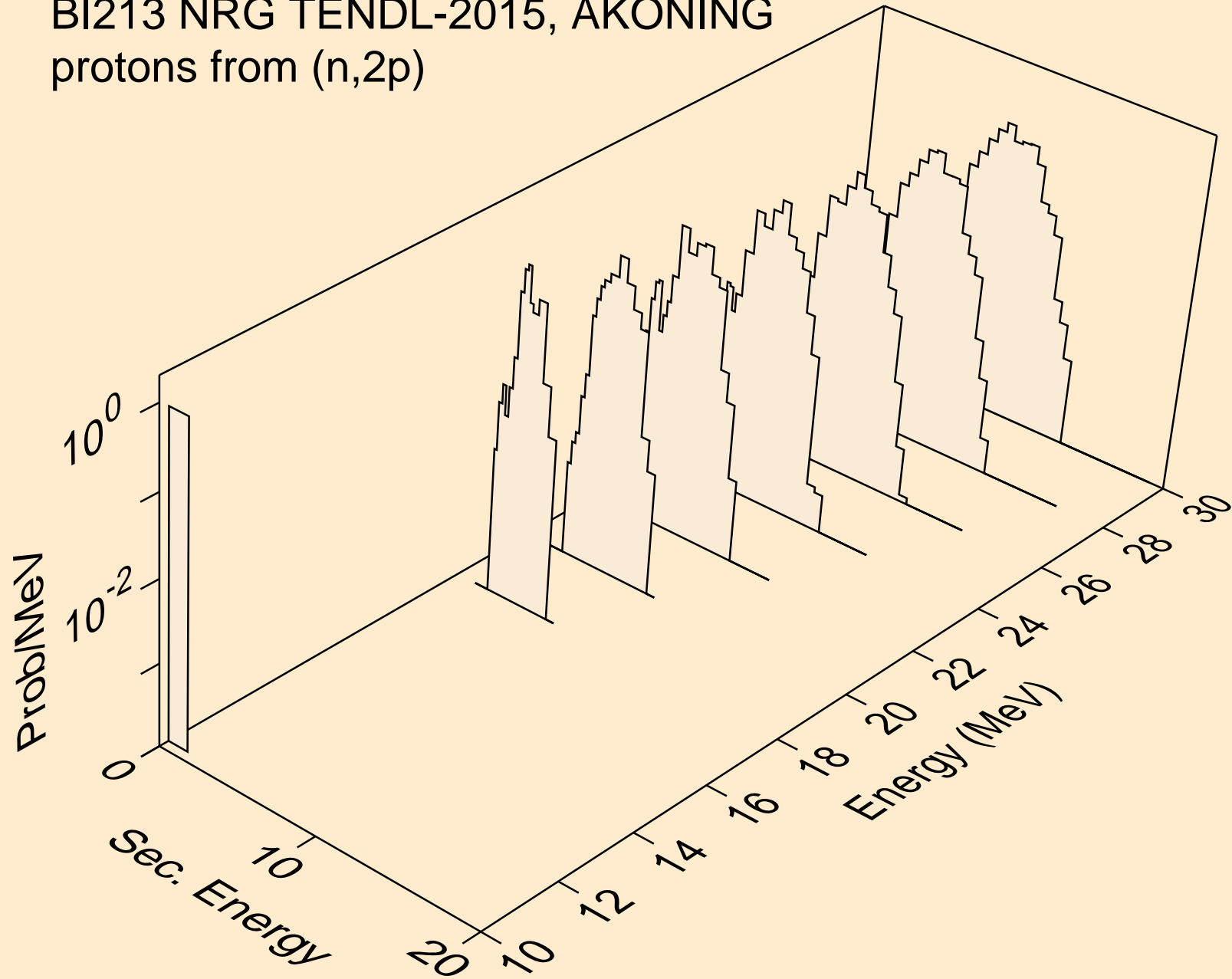
BI213 NRG TENDL-2015, AKONING  
protons from (n,npa)



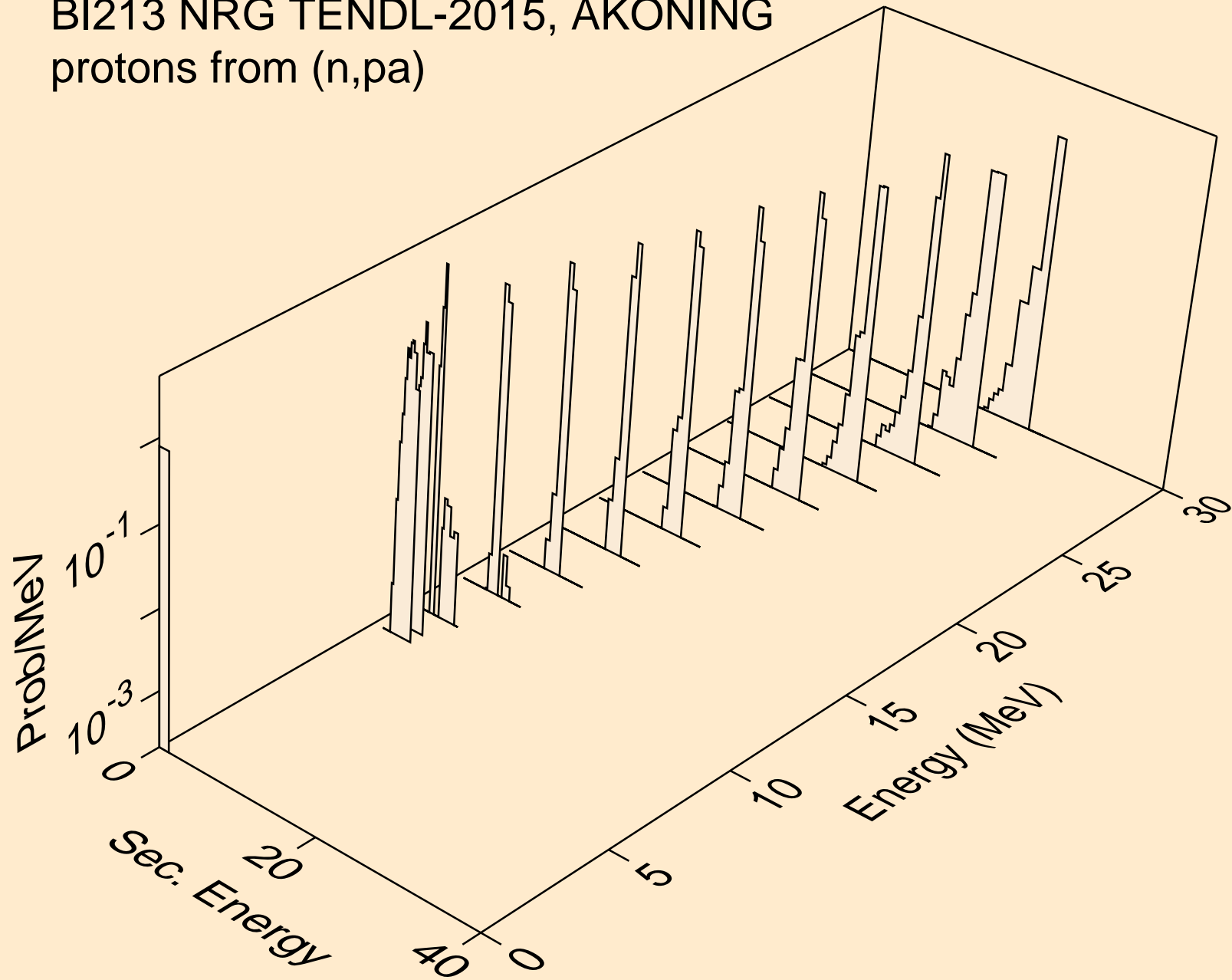
BI213 NRG TENDL-2015, AKONING  
protons from (n,p)



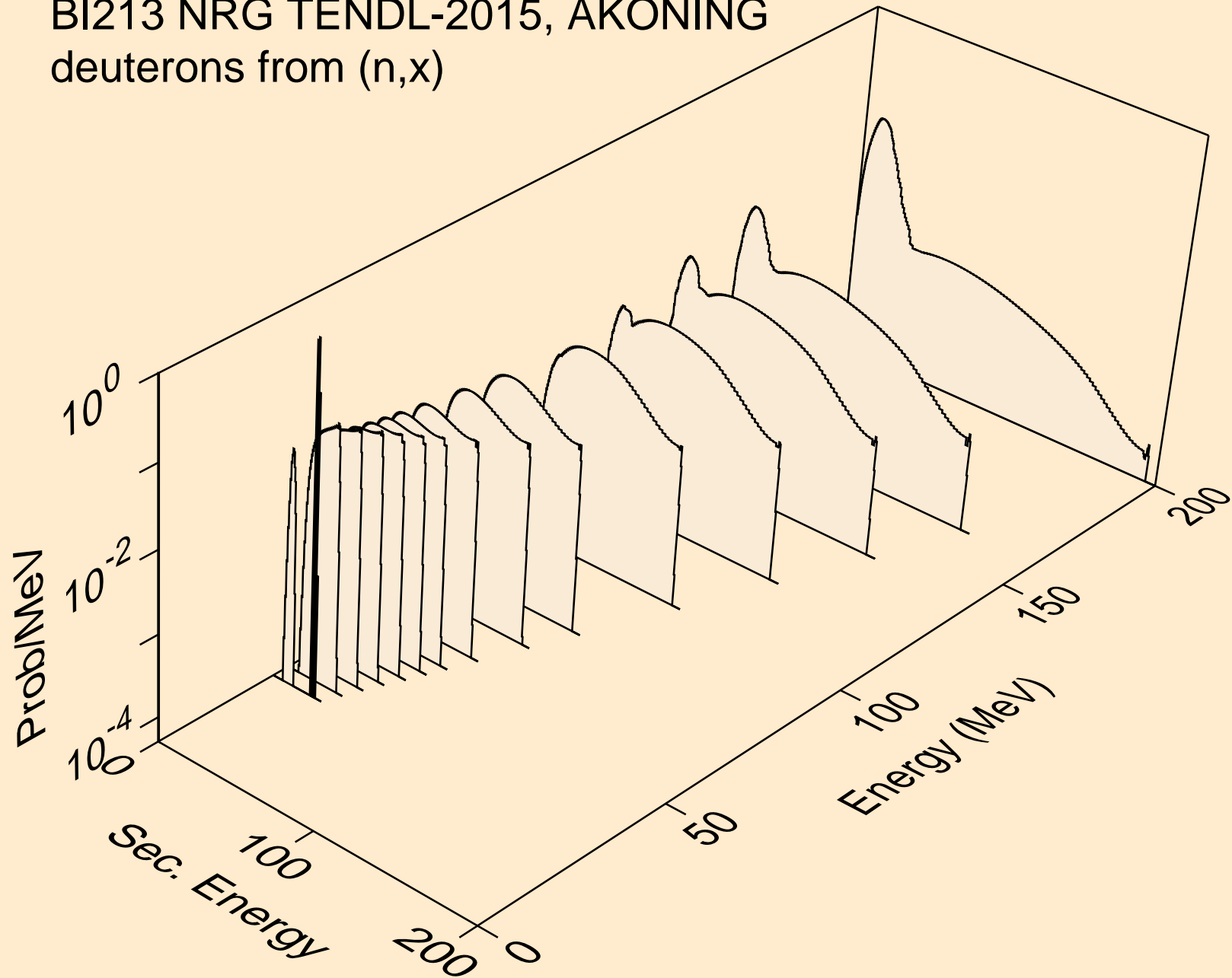
BI213 NRG TENDL-2015, AKONING  
protons from (n,2p)



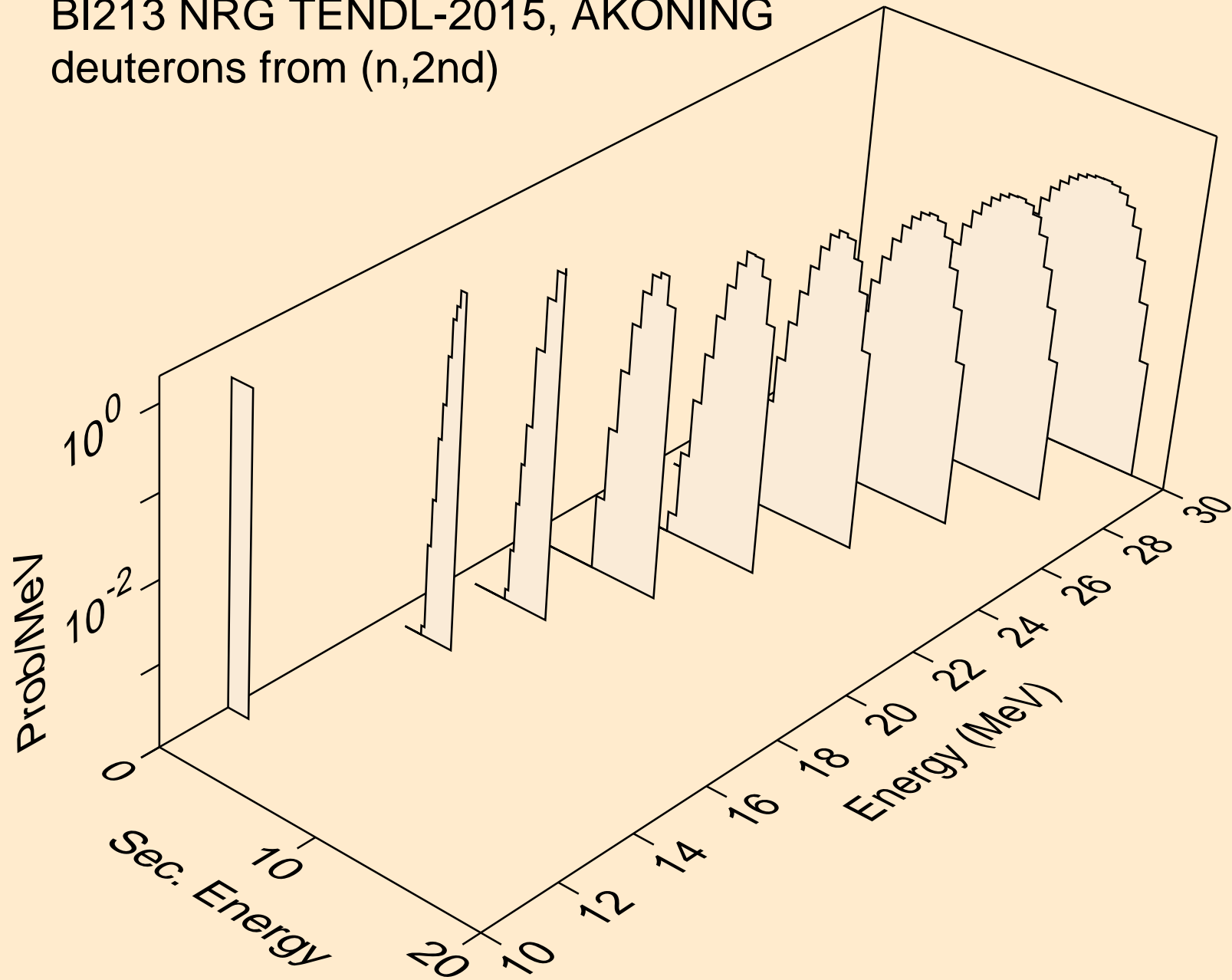
BI213 NRG TENDL-2015, AKONING  
protons from (n,pa)



BI213 NRG TENDL-2015, AKONING  
deuterons from (n,x)

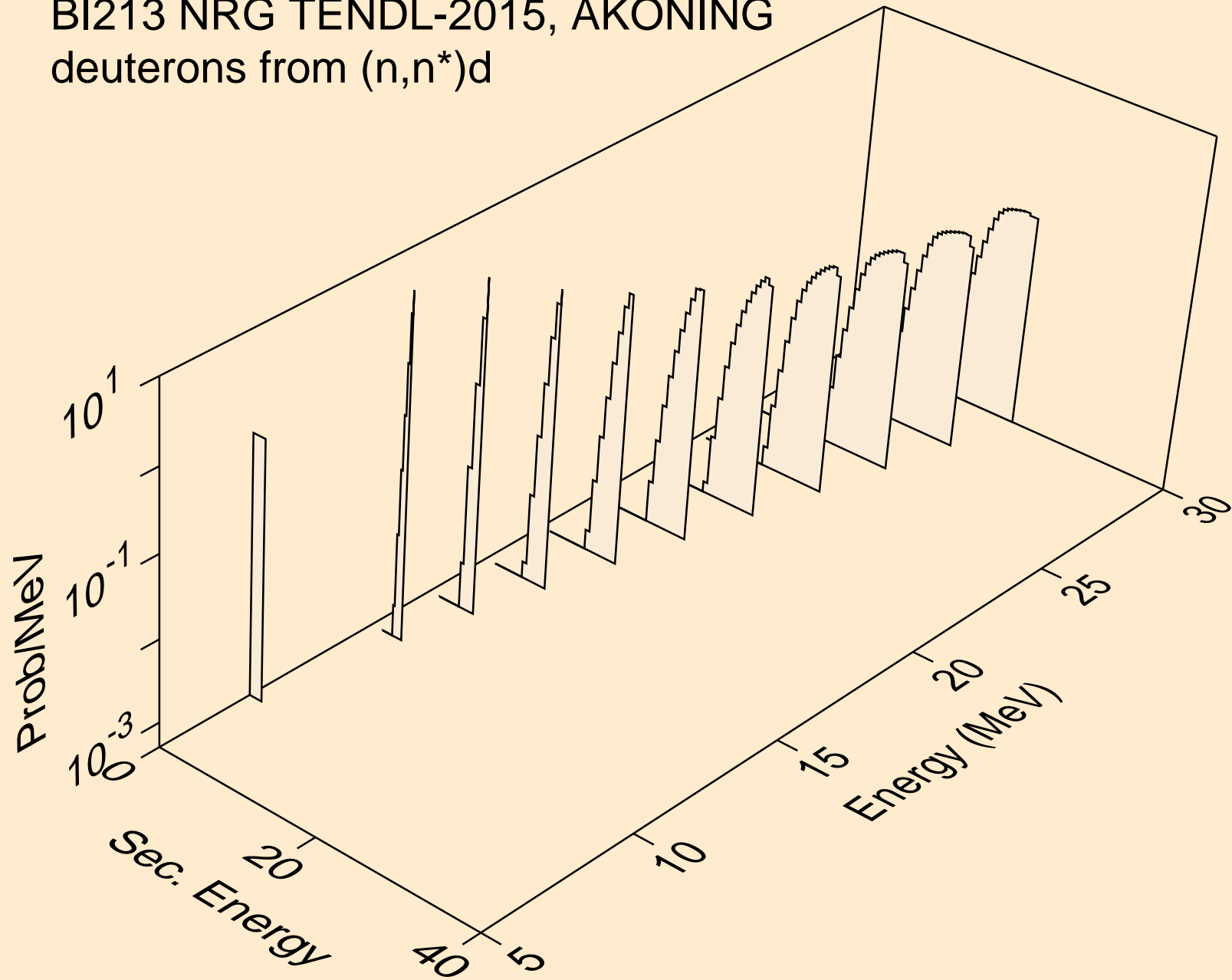


BI213 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)

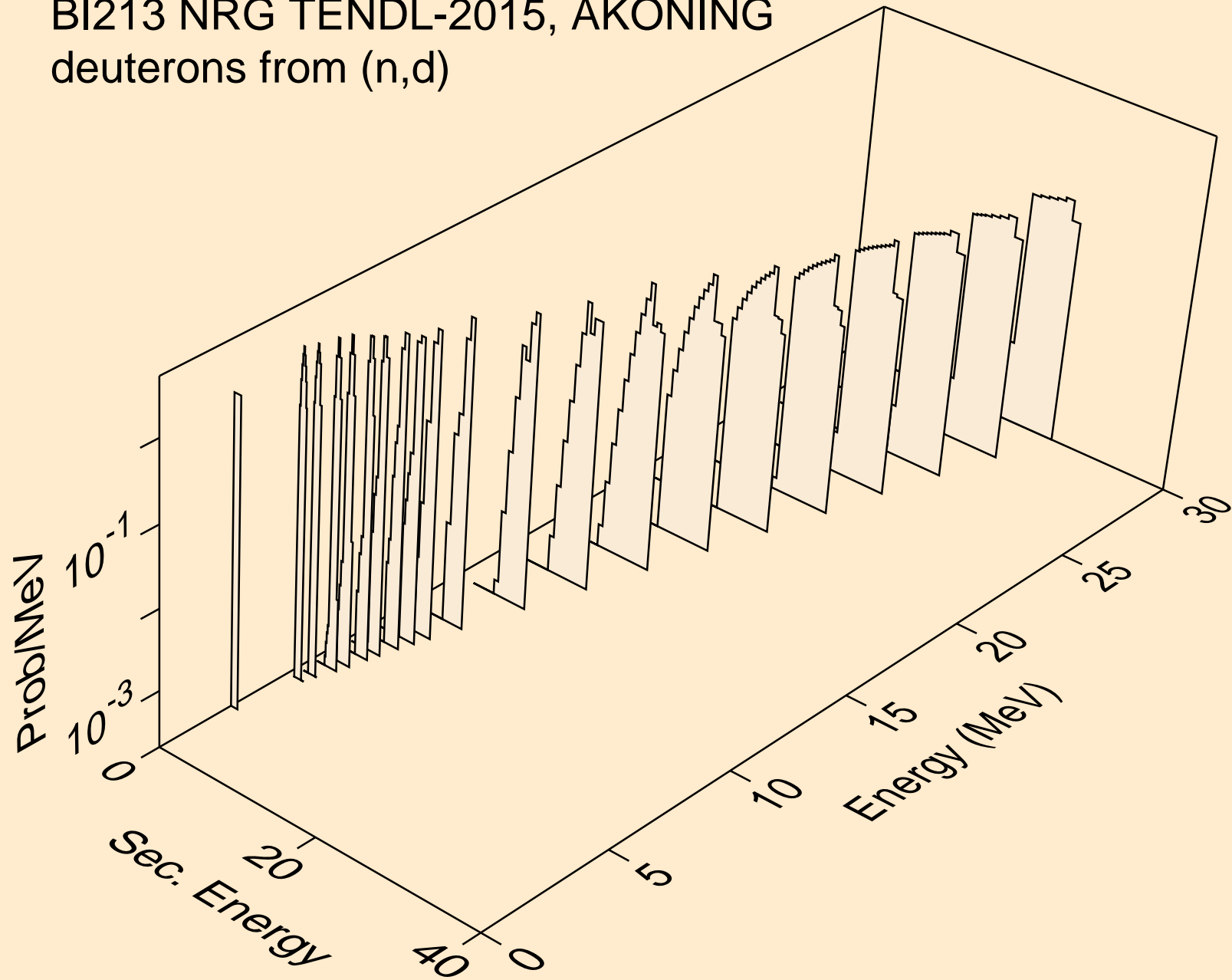




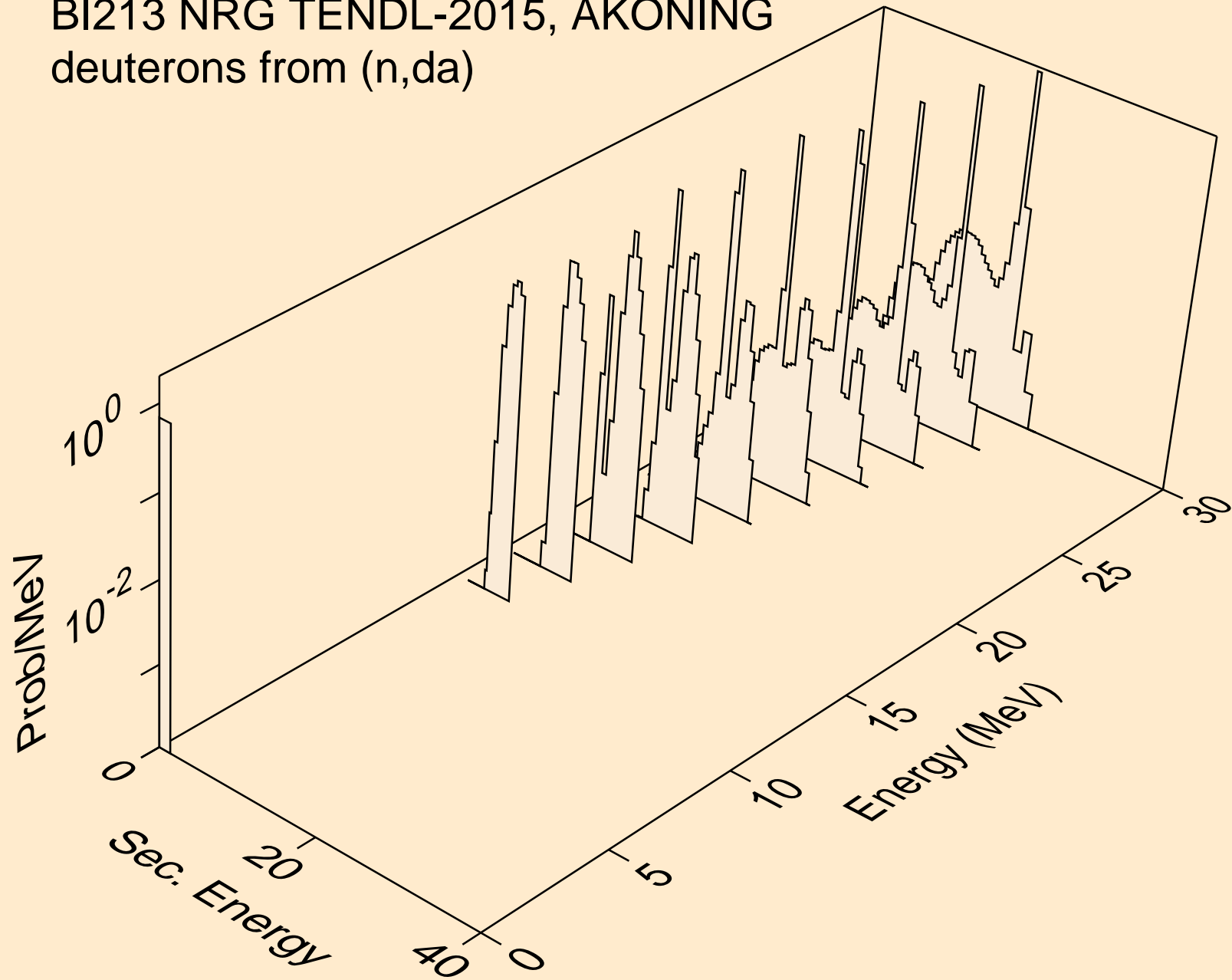
BI213 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



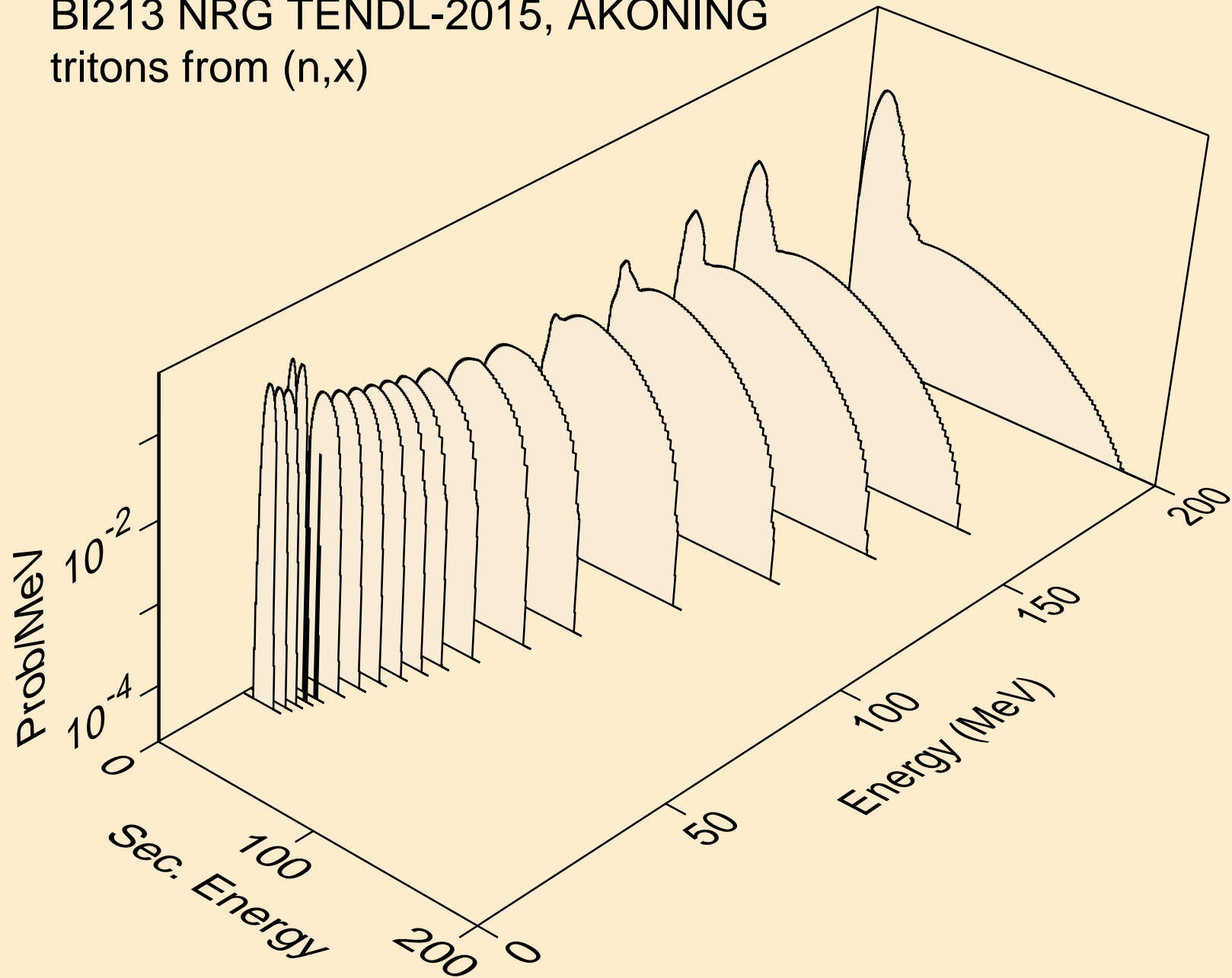
BI213 NRG TENDL-2015, AKONING  
deuterons from (n,d)



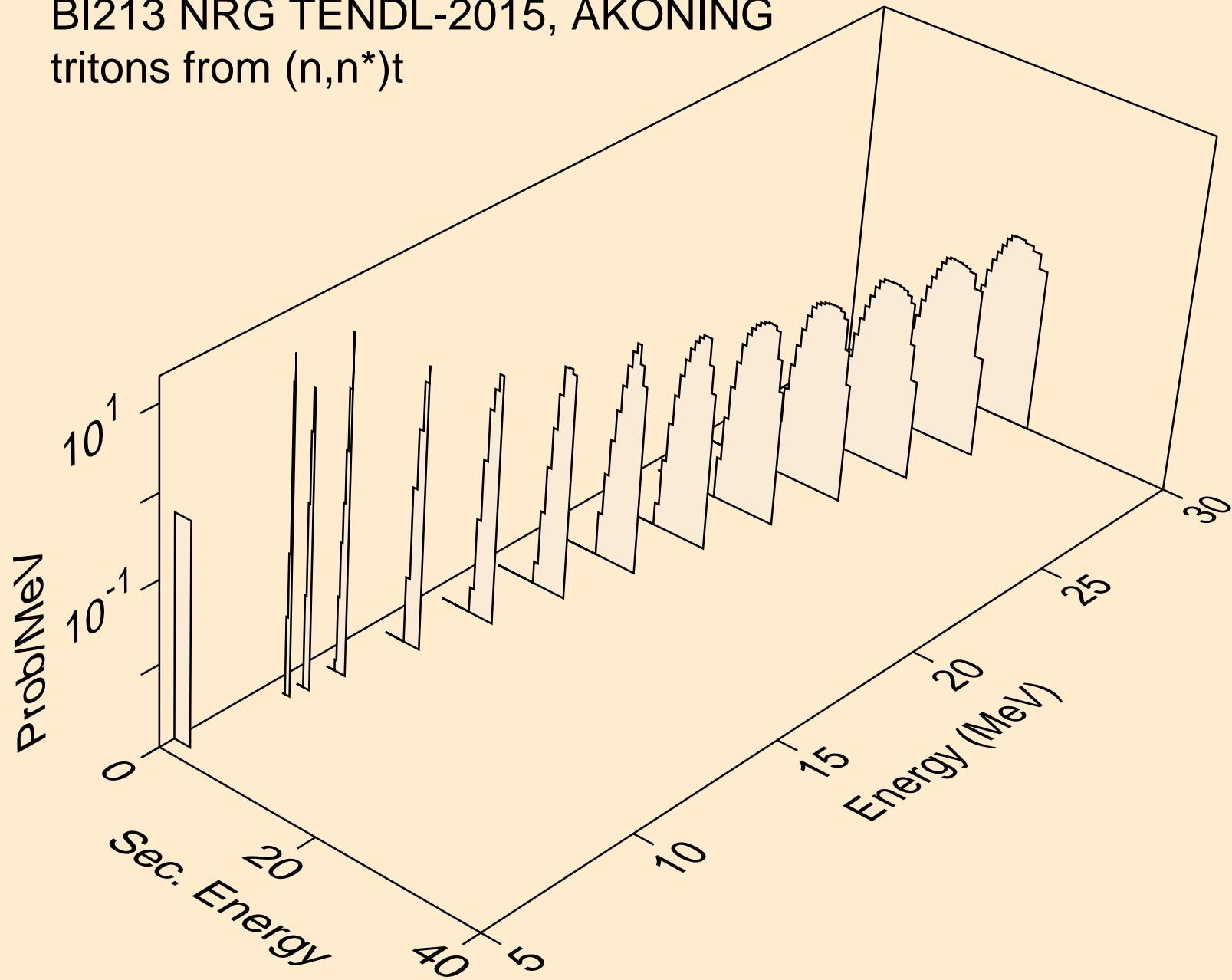
BI213 NRG TENDL-2015, AKONING  
deuterons from (n,da)



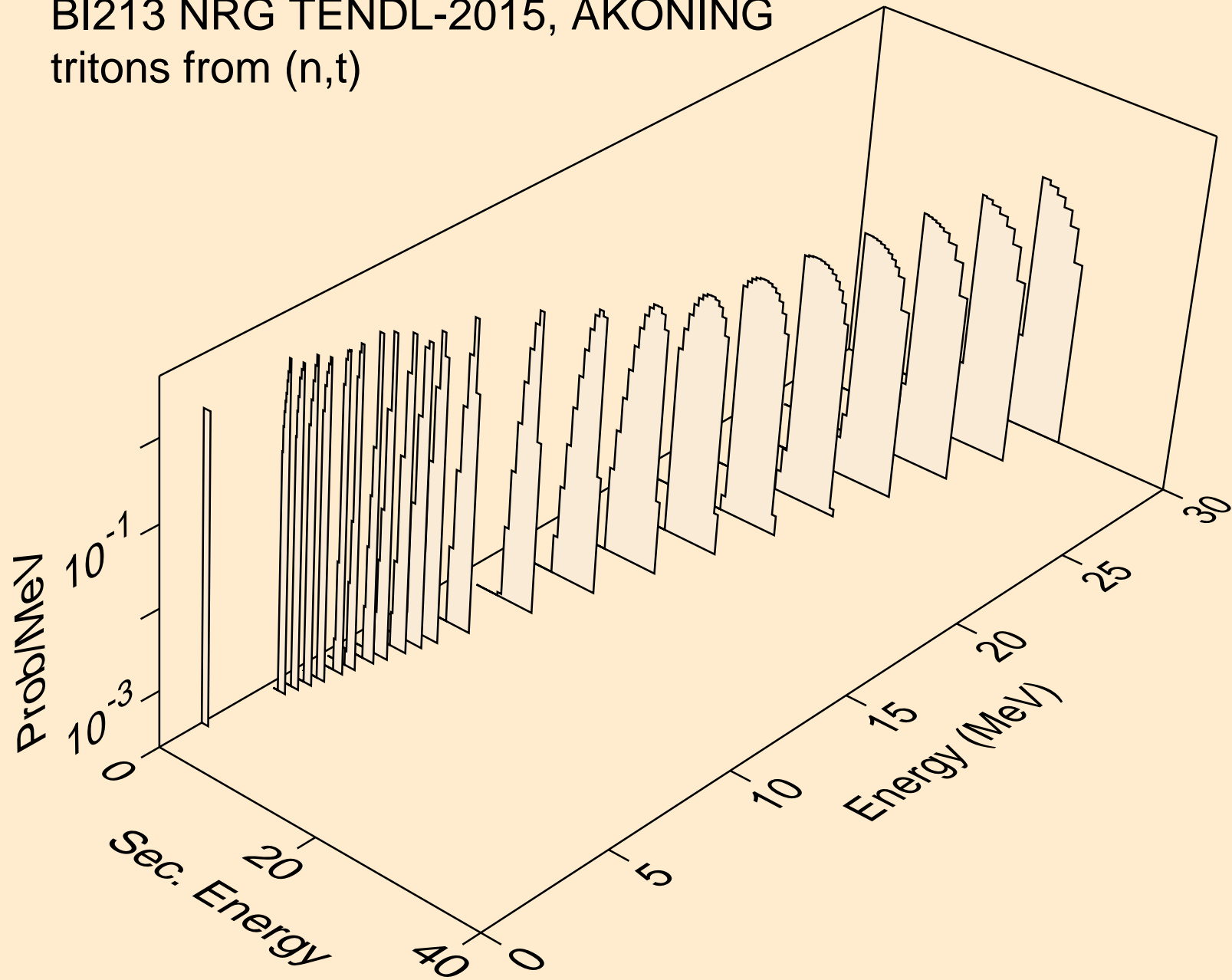
BI213 NRG TENDL-2015, AKONING  
tritons from (n,x)



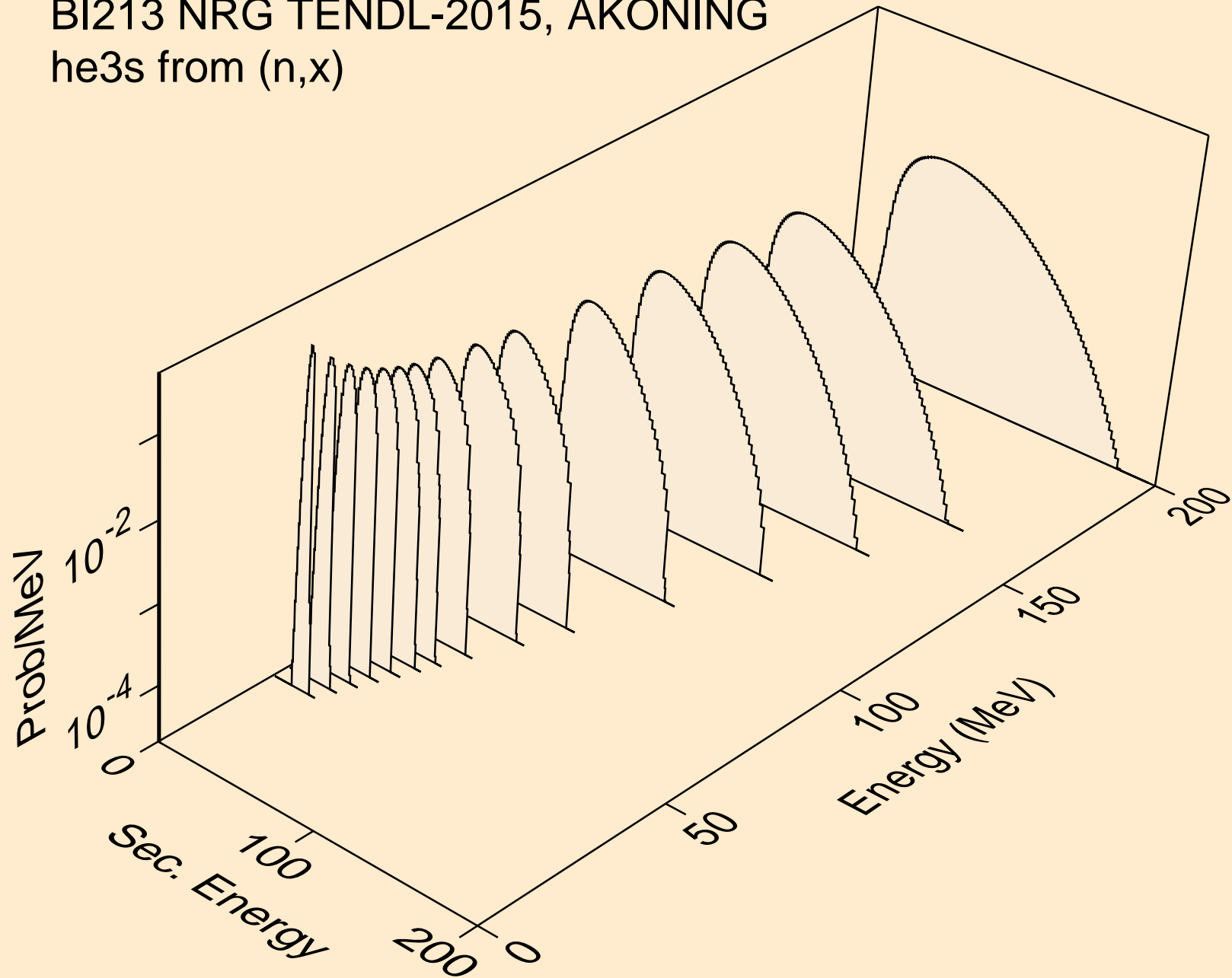
BI213 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



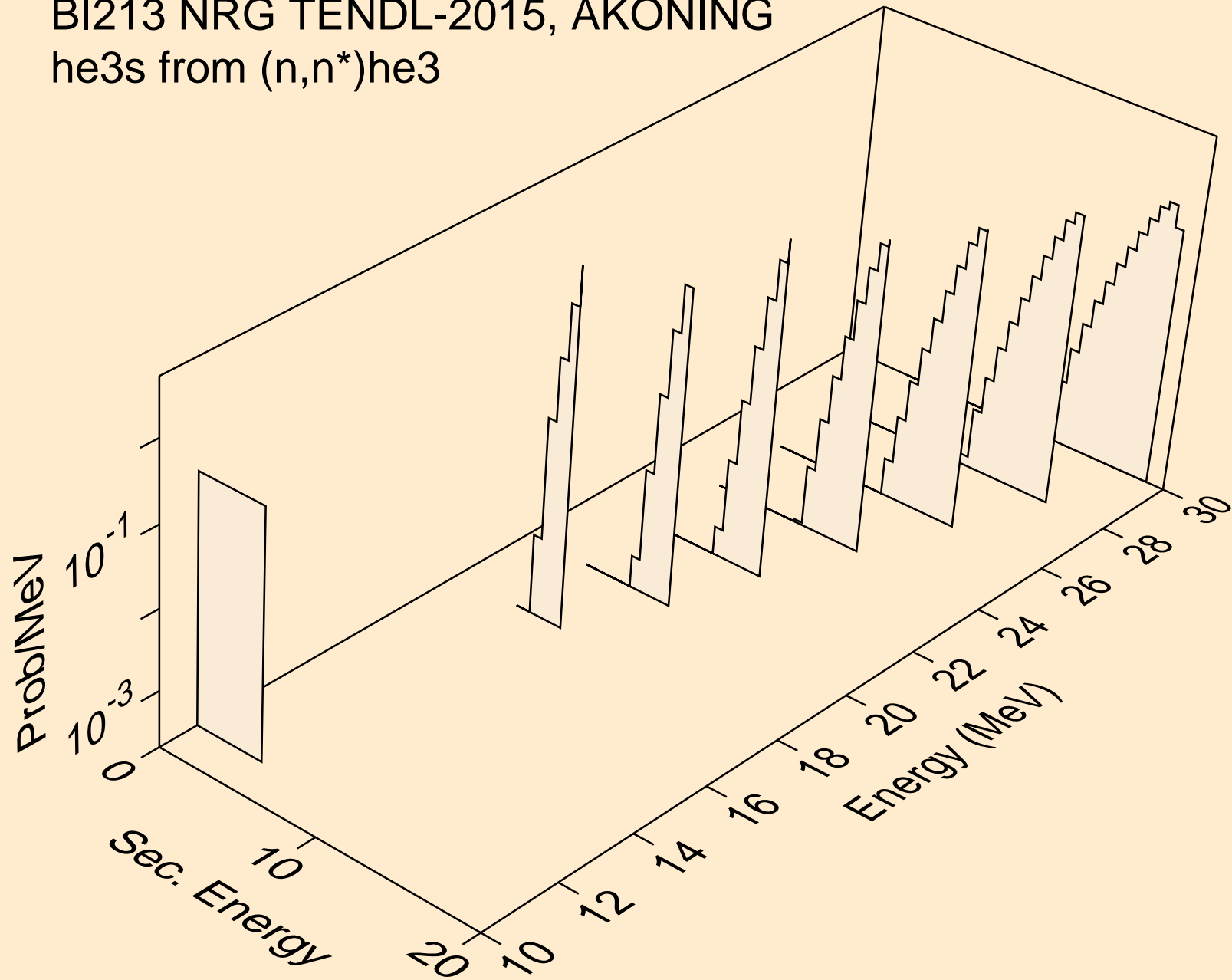
BI213 NRG TENDL-2015, AKONING  
tritons from (n,t)



BI213 NRG TENDL-2015, AKONING  
he3s from (n,x)

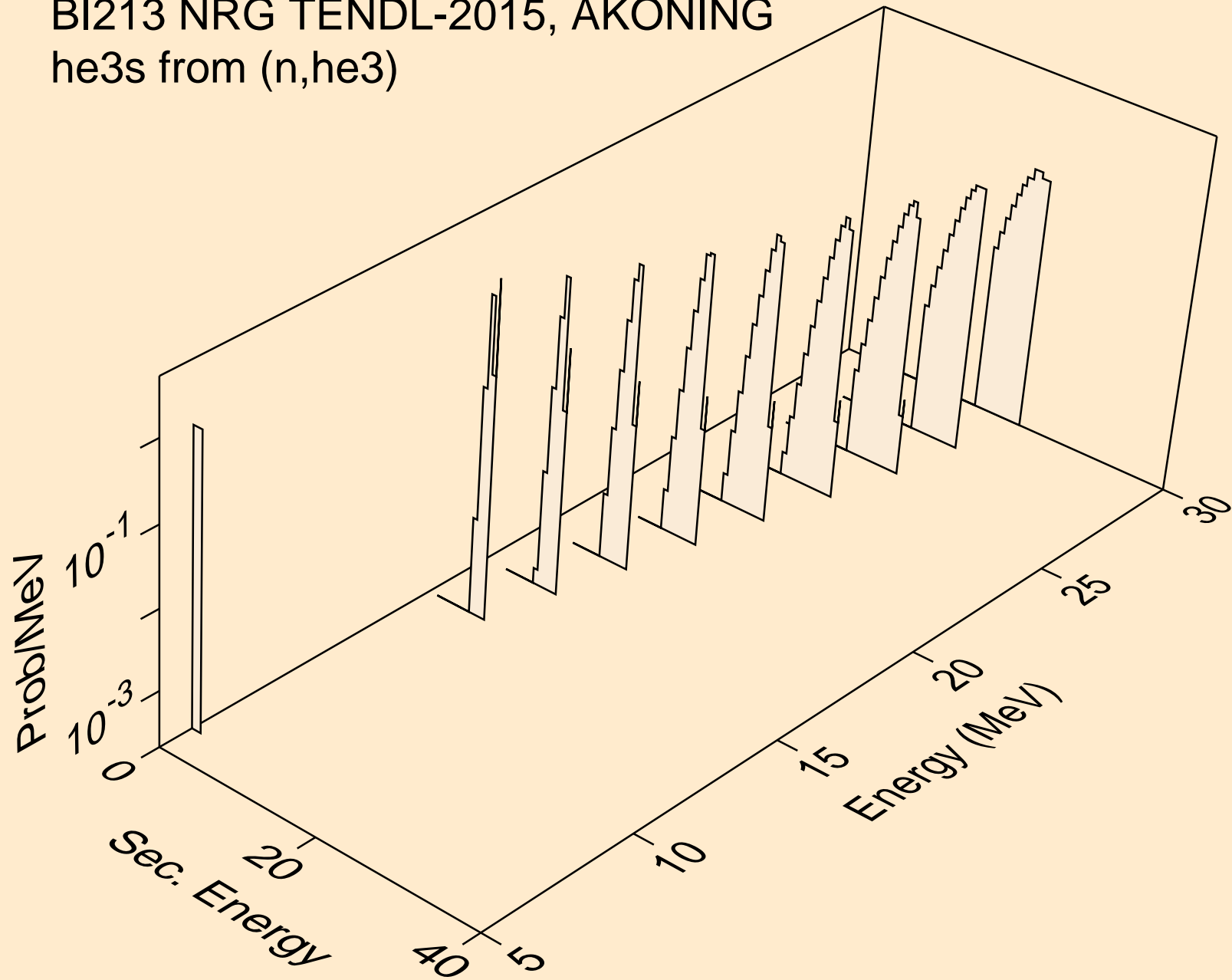


BI213 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3

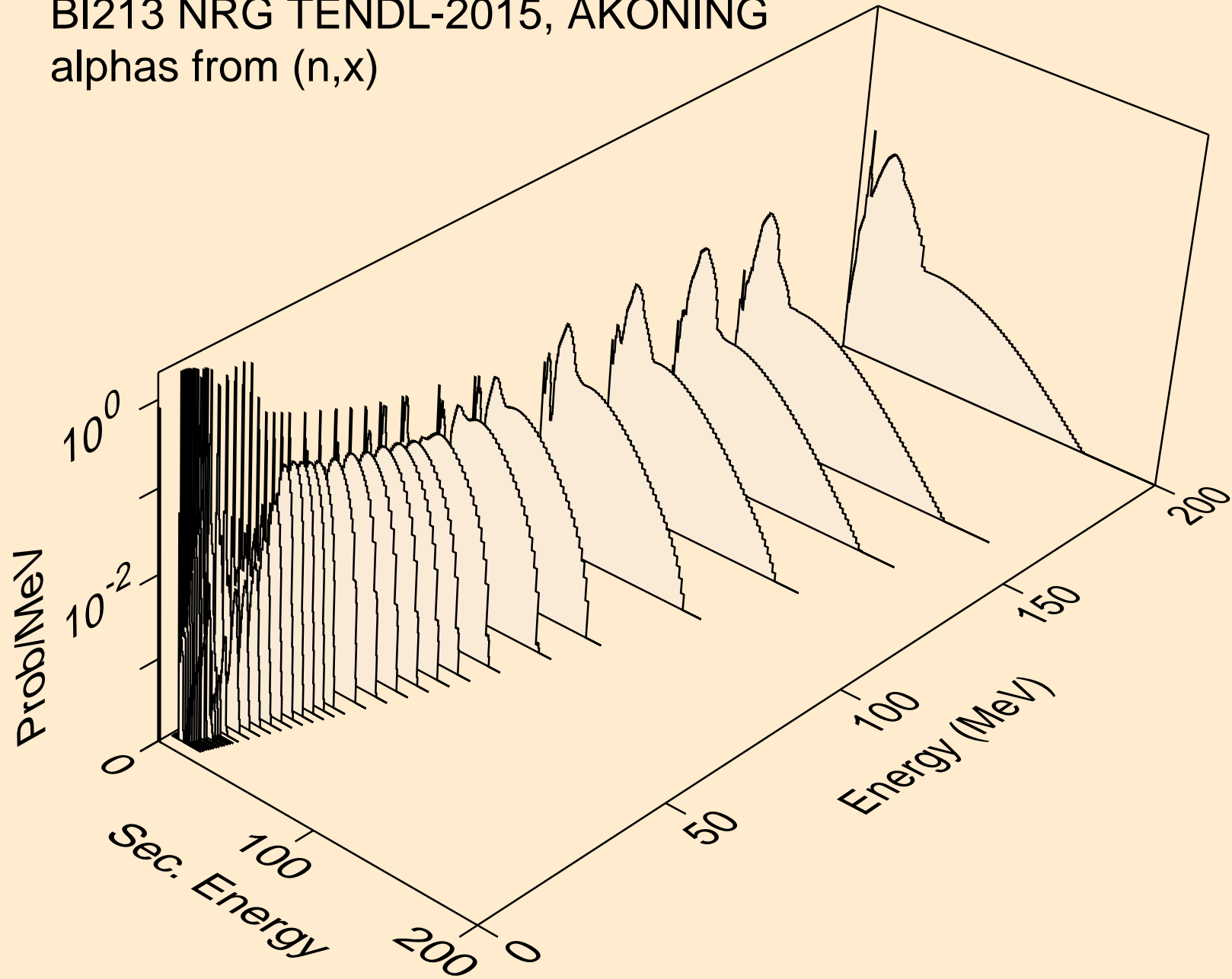




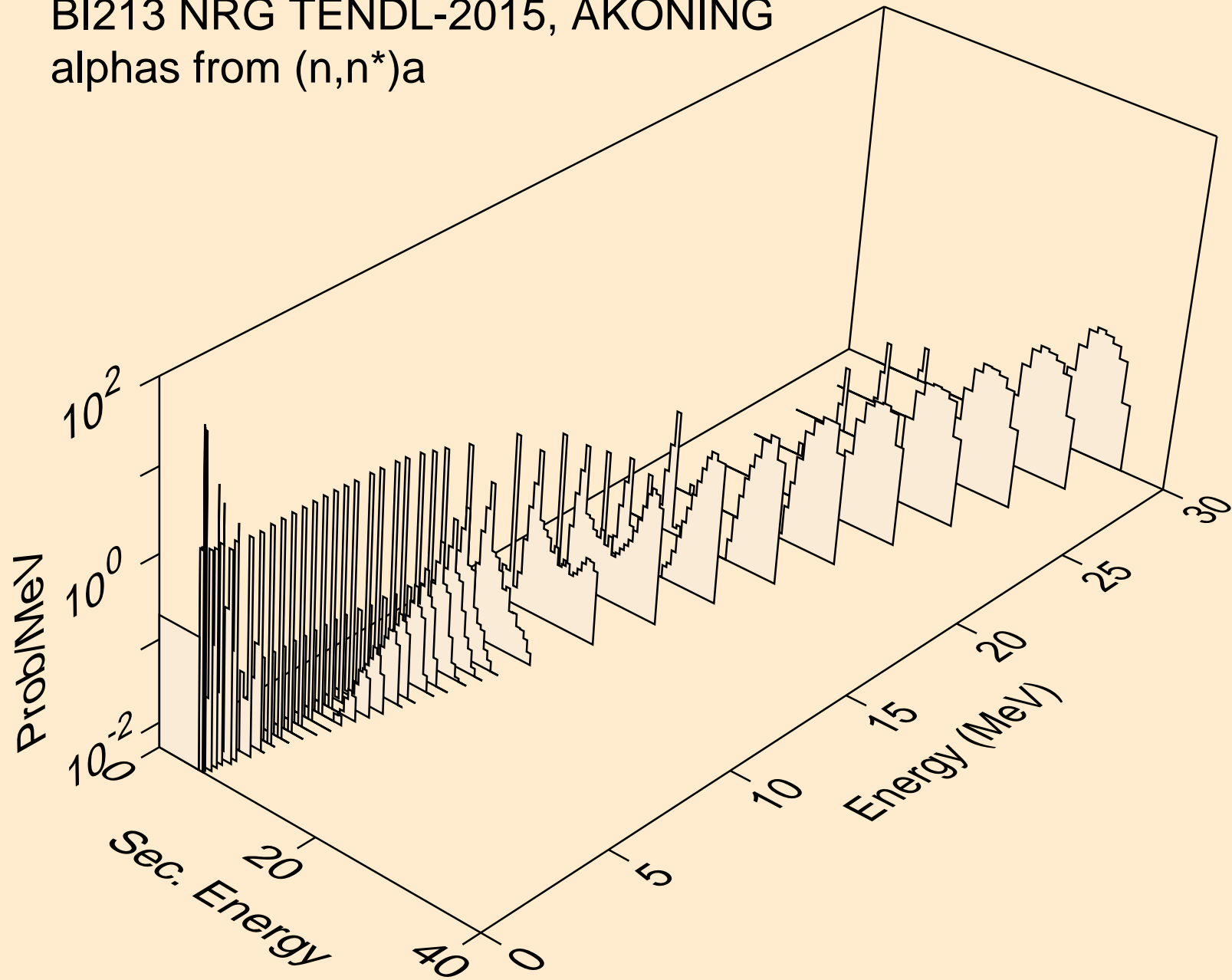
BI213 NRG TENDL-2015, AKONING  
he3s from (n,he3)



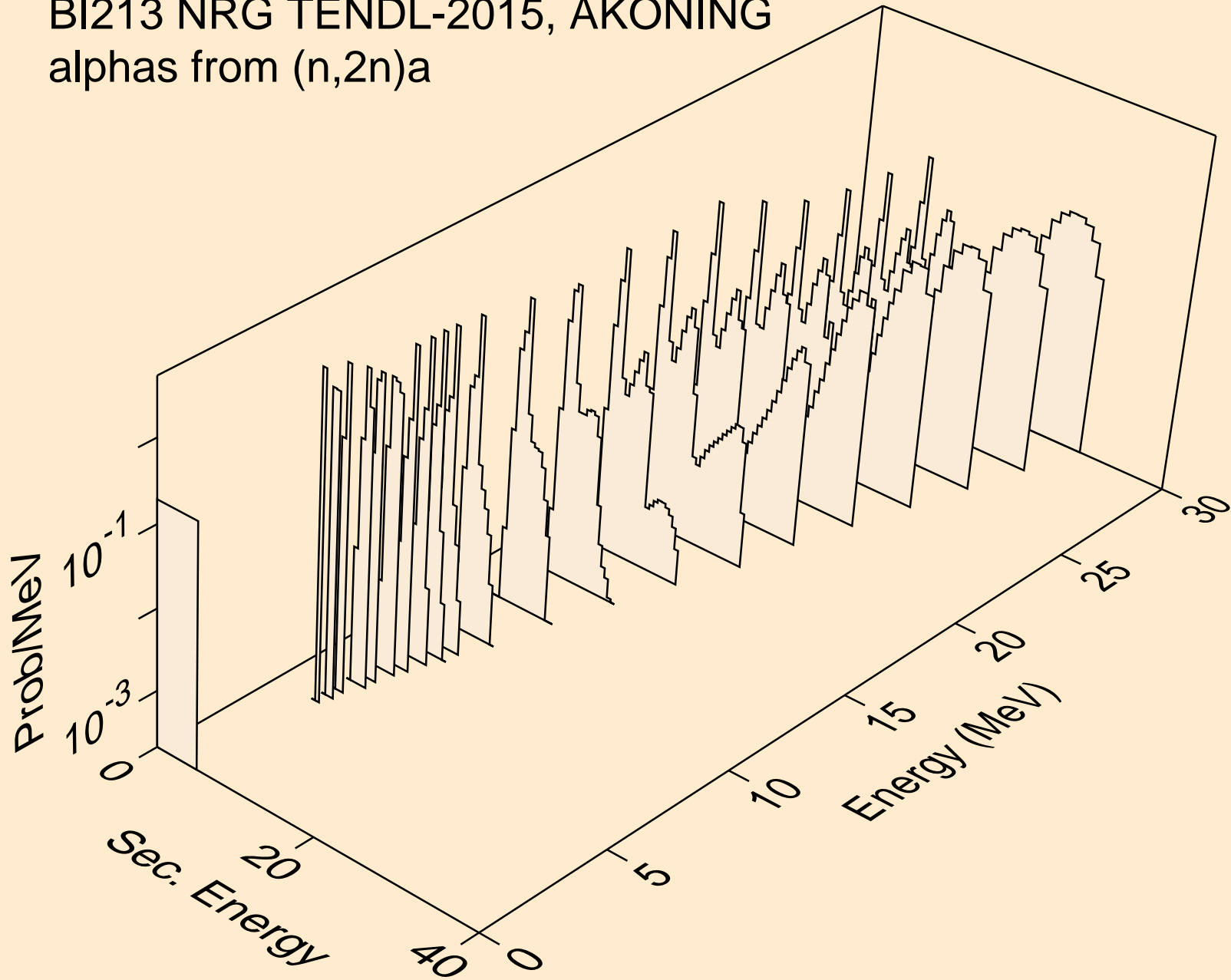
BI213 NRG TENDL-2015, AKONING  
alphas from (n,x)



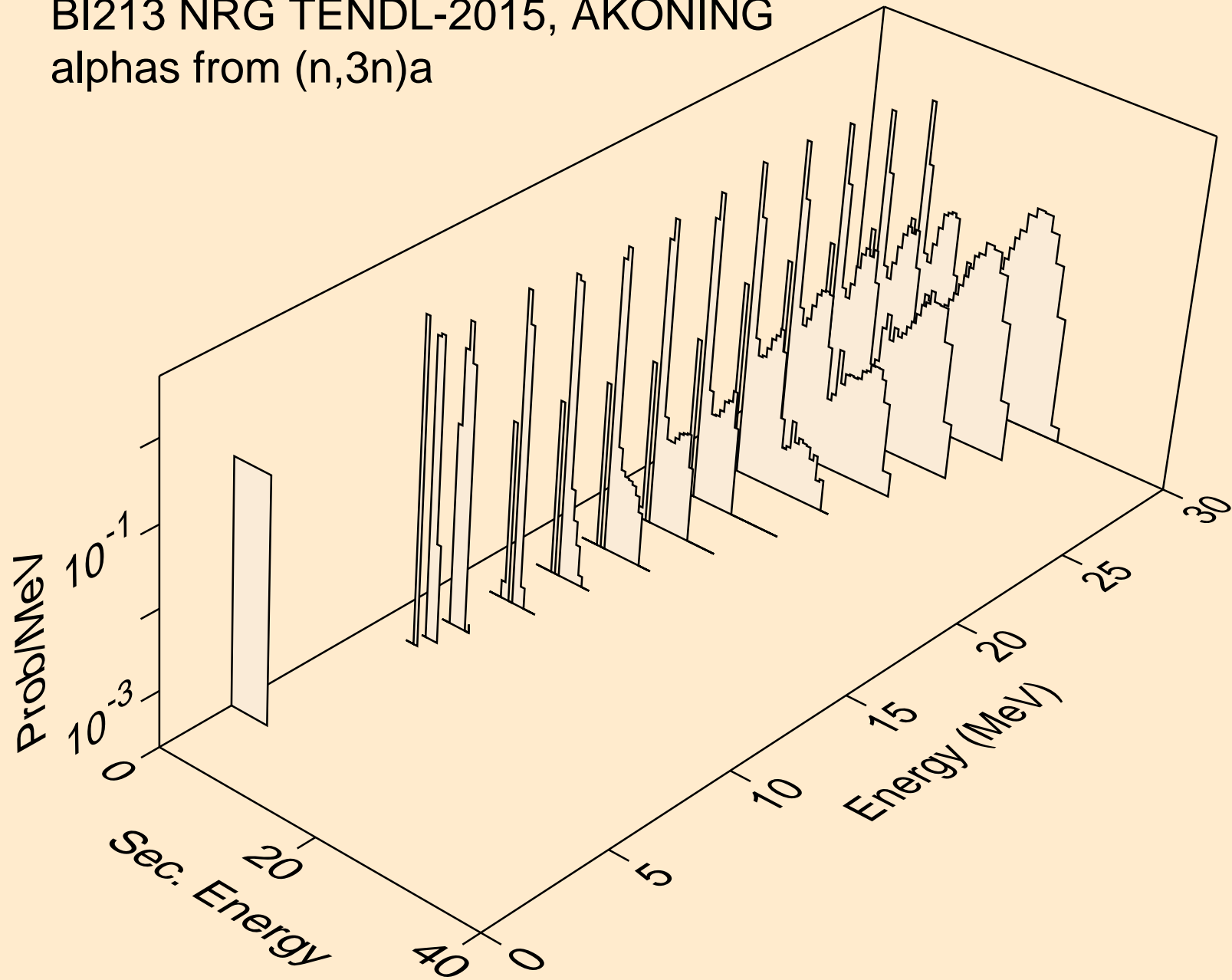
BI213 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



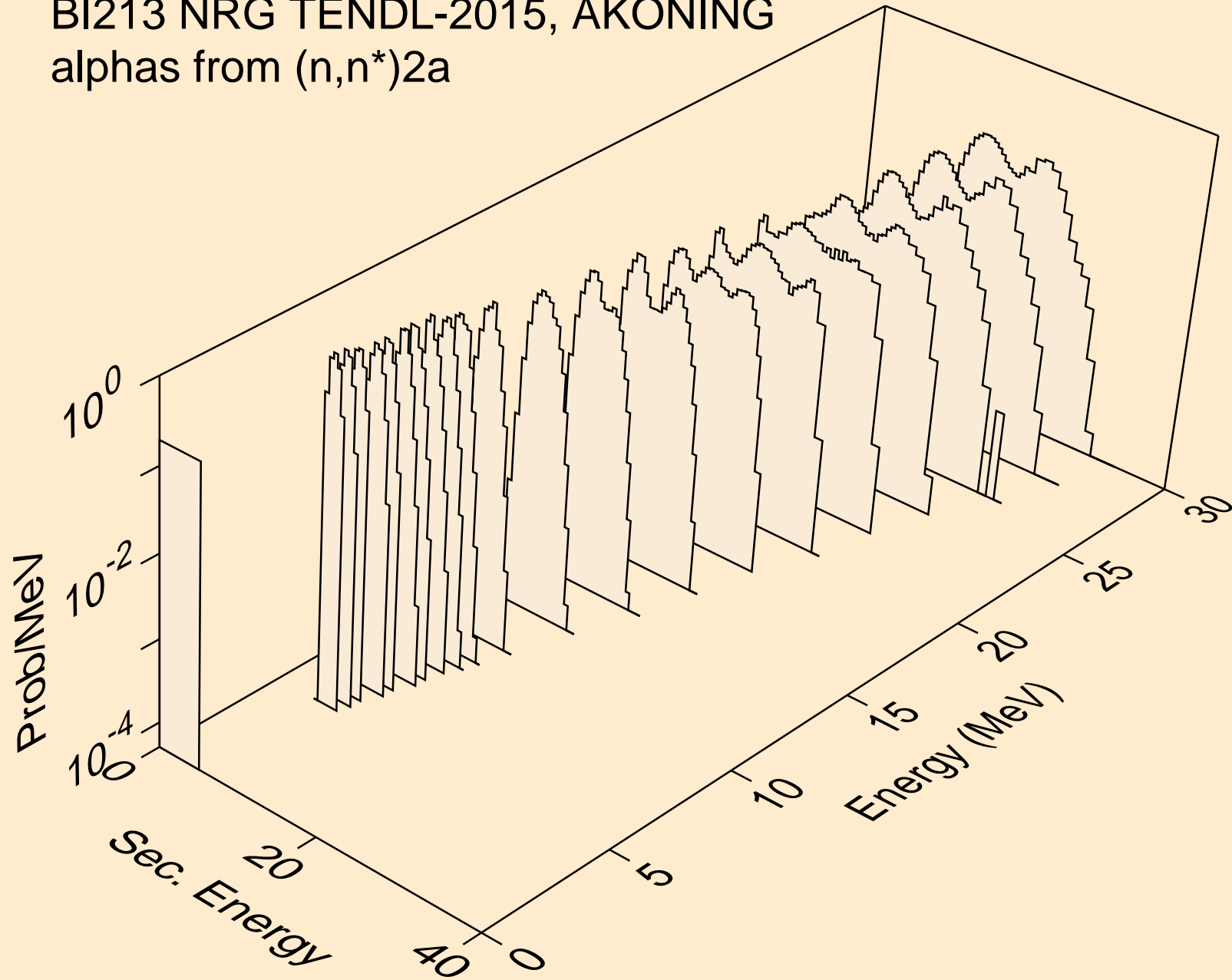
BI213 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



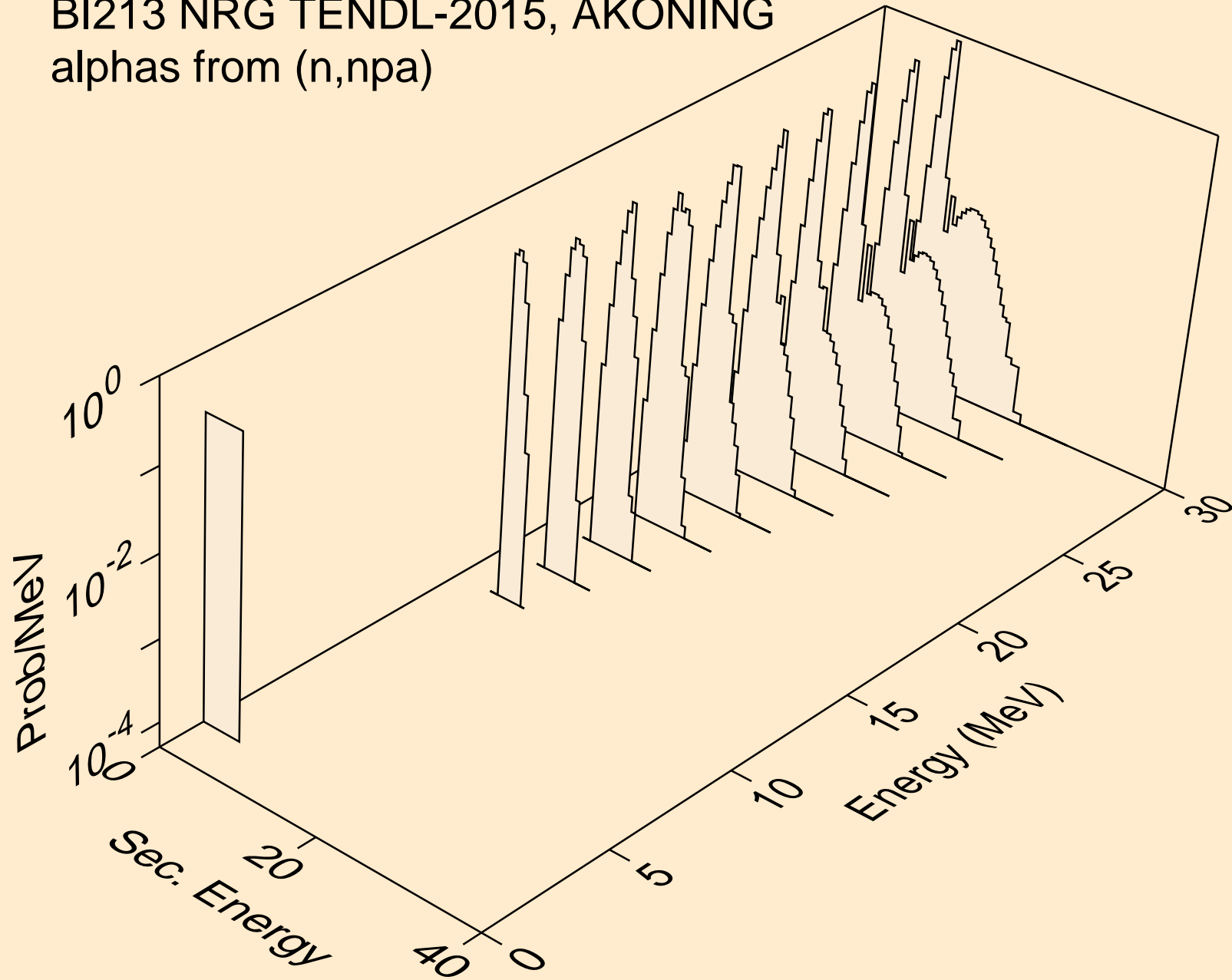
BI213 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



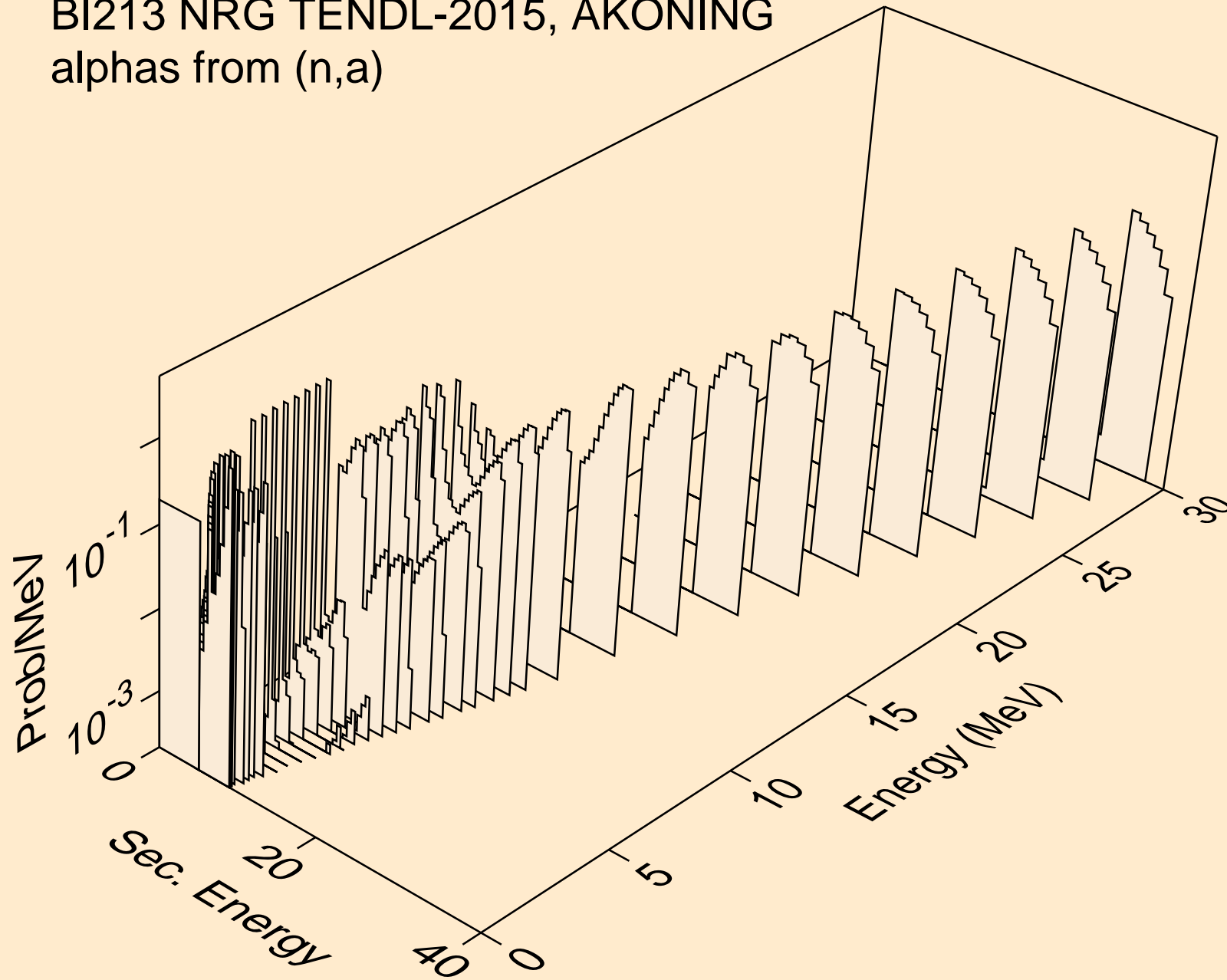
BI213 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



BI213 NRG TENDL-2015, AKONING  
alphas from (n,npa)

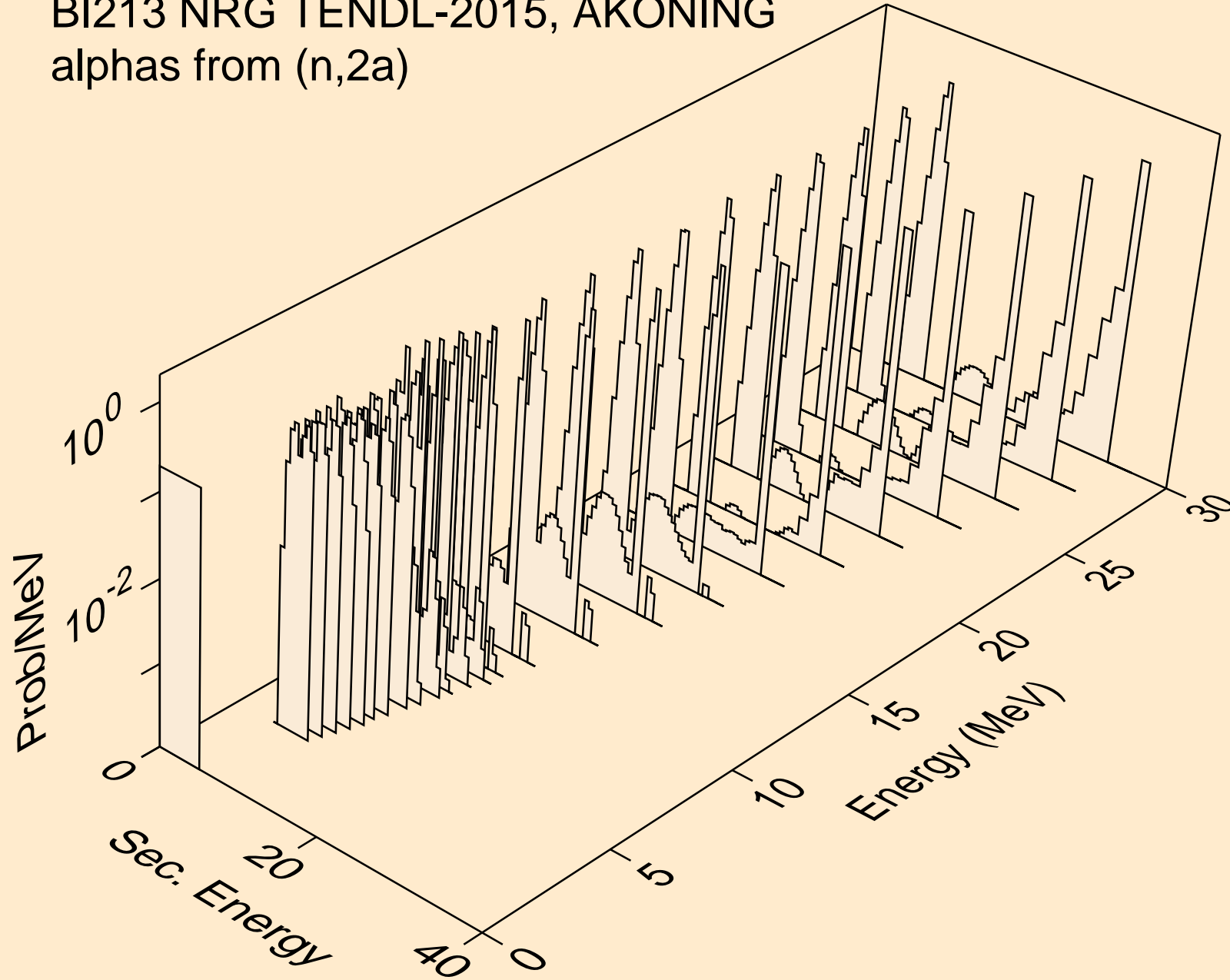


BI213 NRG TENDL-2015, AKONING  
alphas from (n,a)

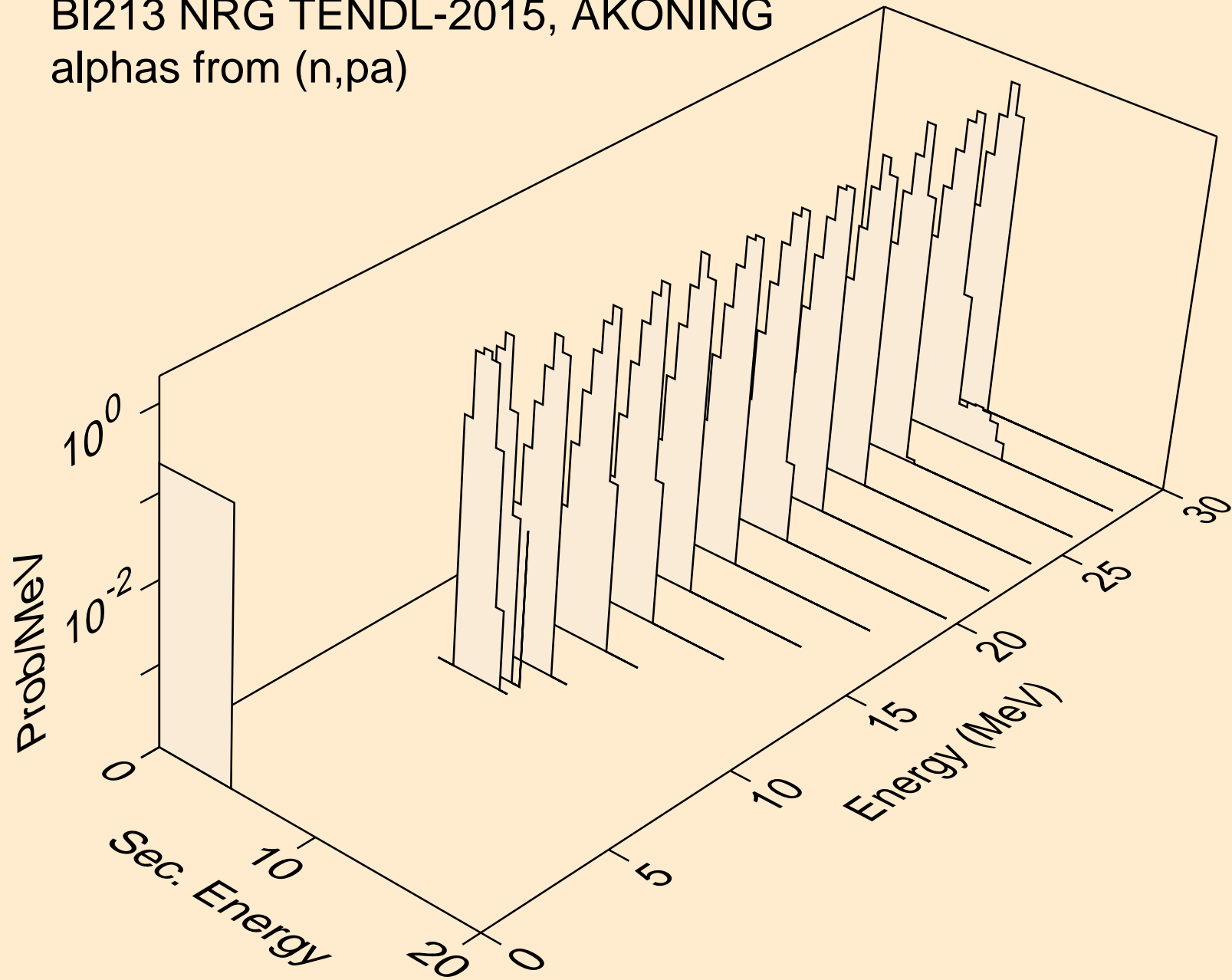




BI213 NRG TENDL-2015, AKONING  
alphas from (n,2a)



BI213 NRG TENDL-2015, AKONING  
alphas from (n,pa)



BI213 NRG TENDL-2015, AKONING  
alphas from (n,da)

