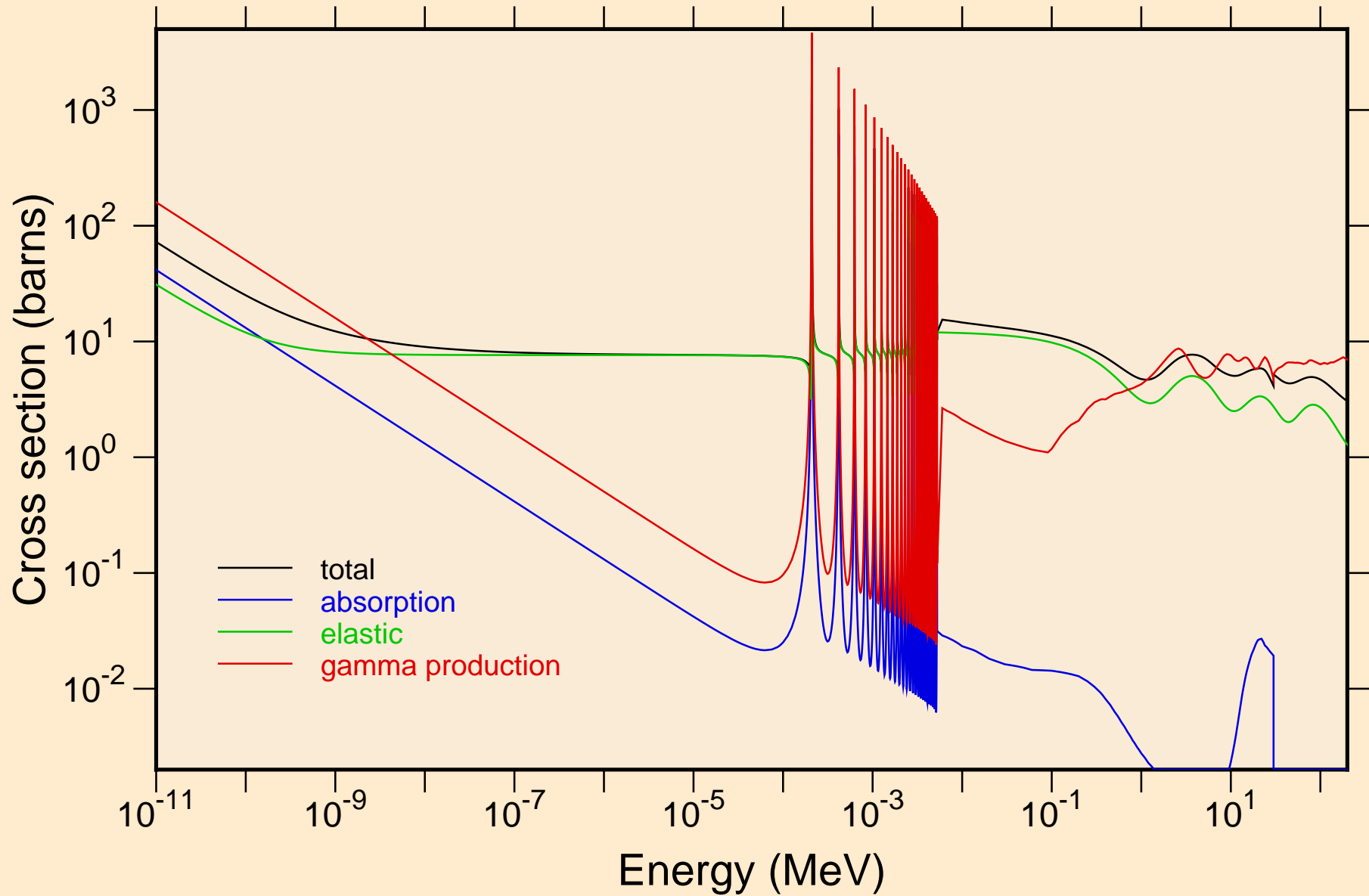
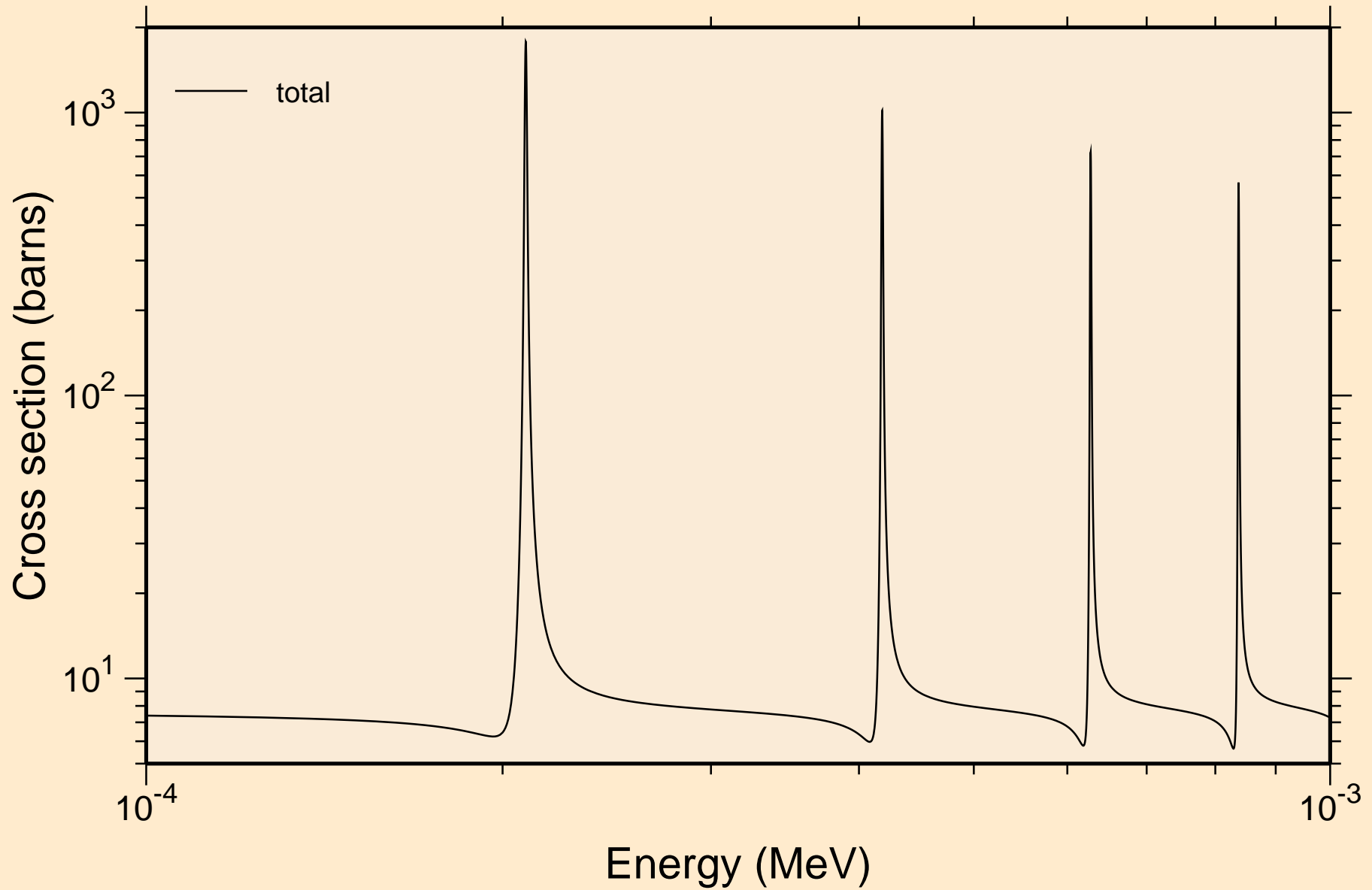


# BI212N NRG TENDL-2015, AKONING

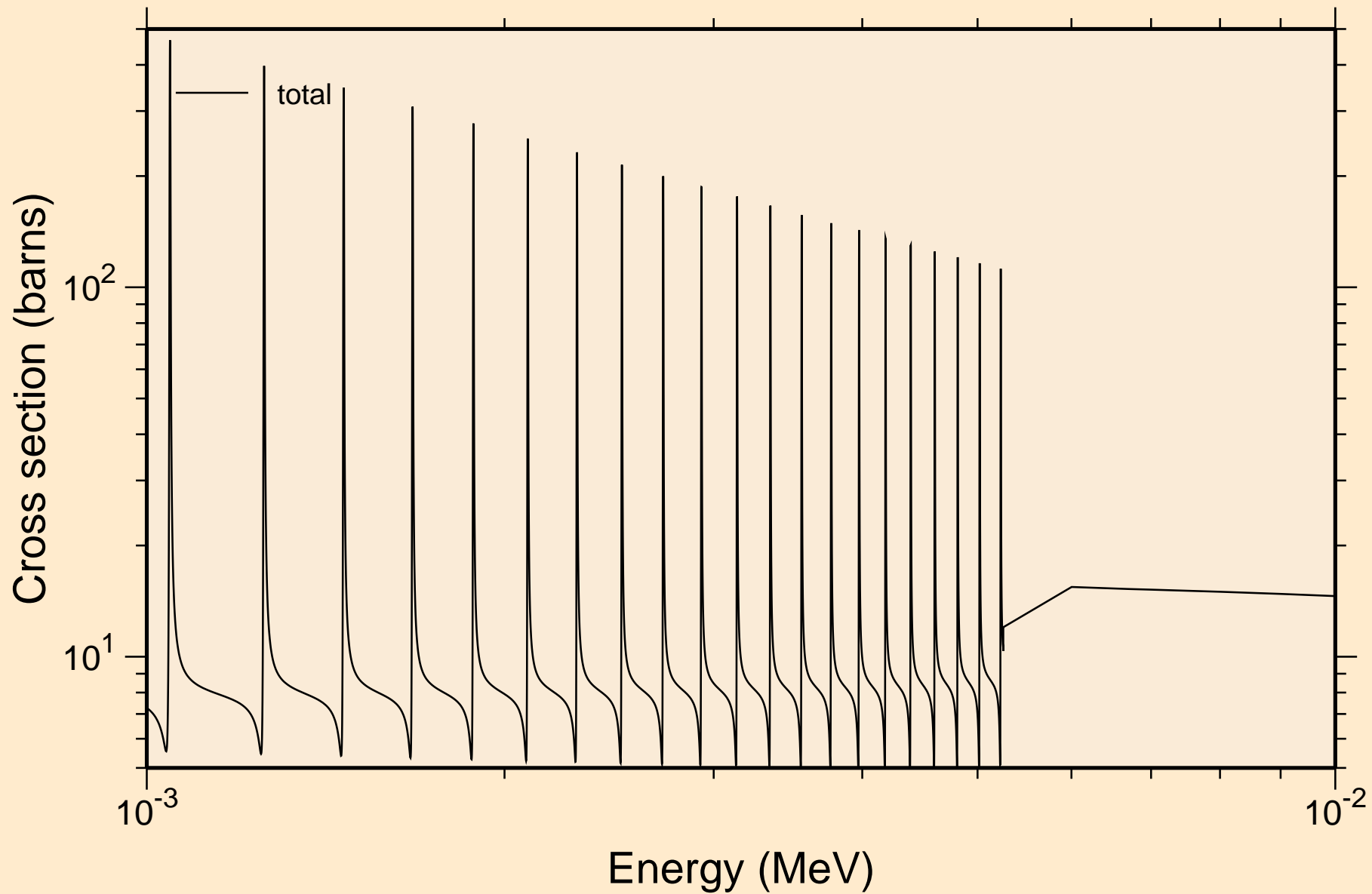
## Principal cross sections



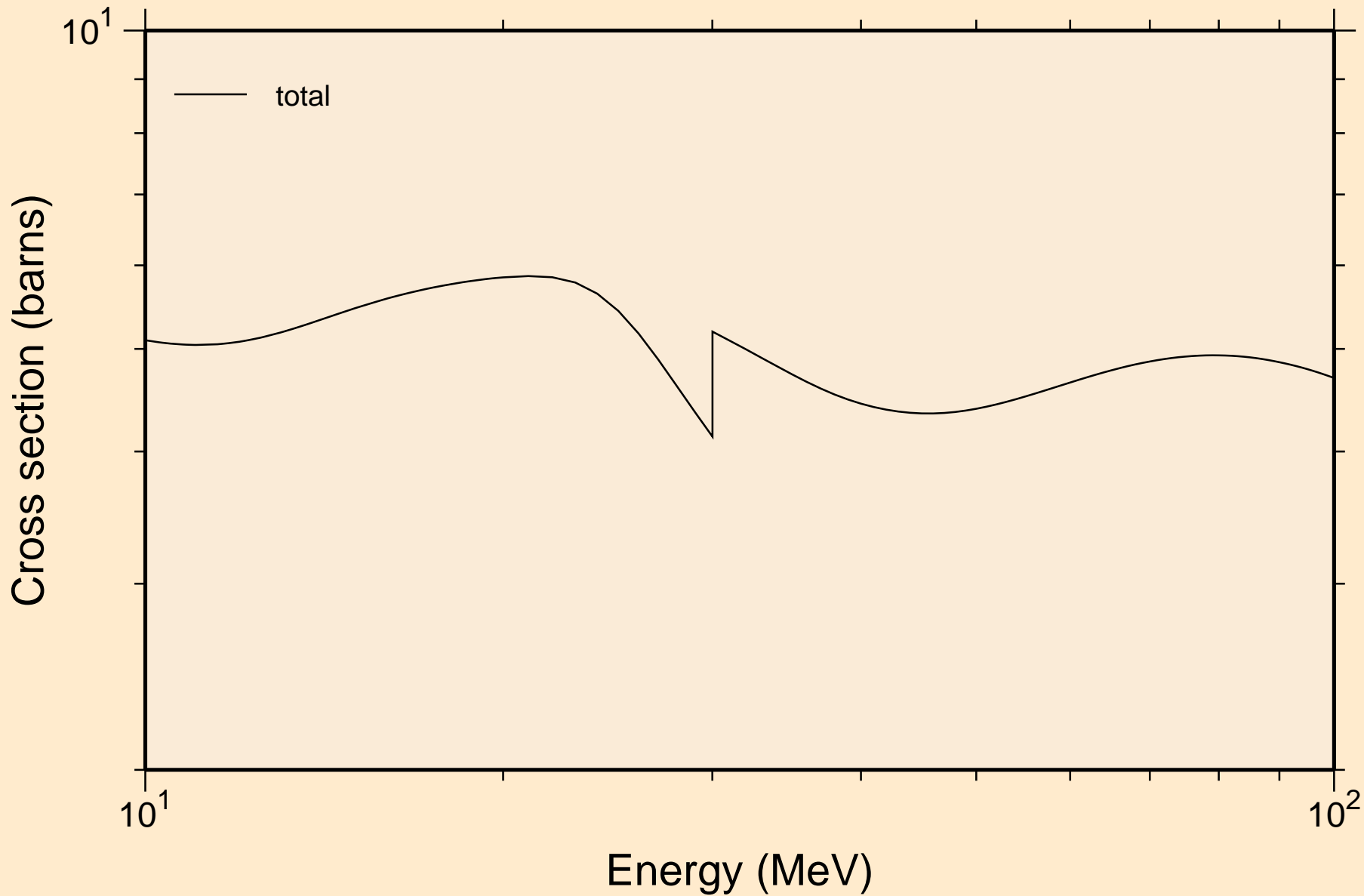
BI212N NRG TENDL-2015, AKONING  
resonance total cross section



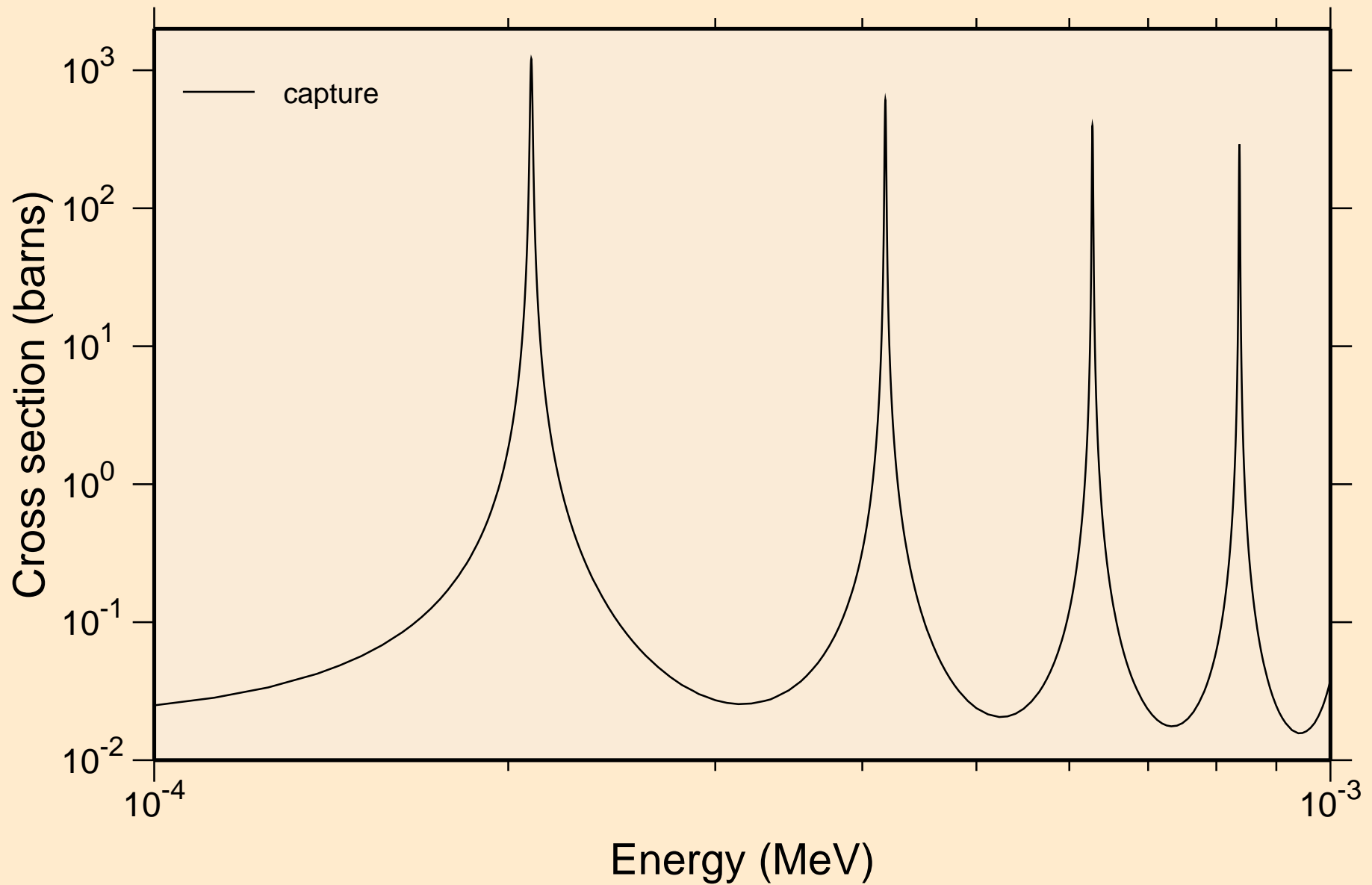
BI212N NRG TENDL-2015, AKONING  
resonance total cross section



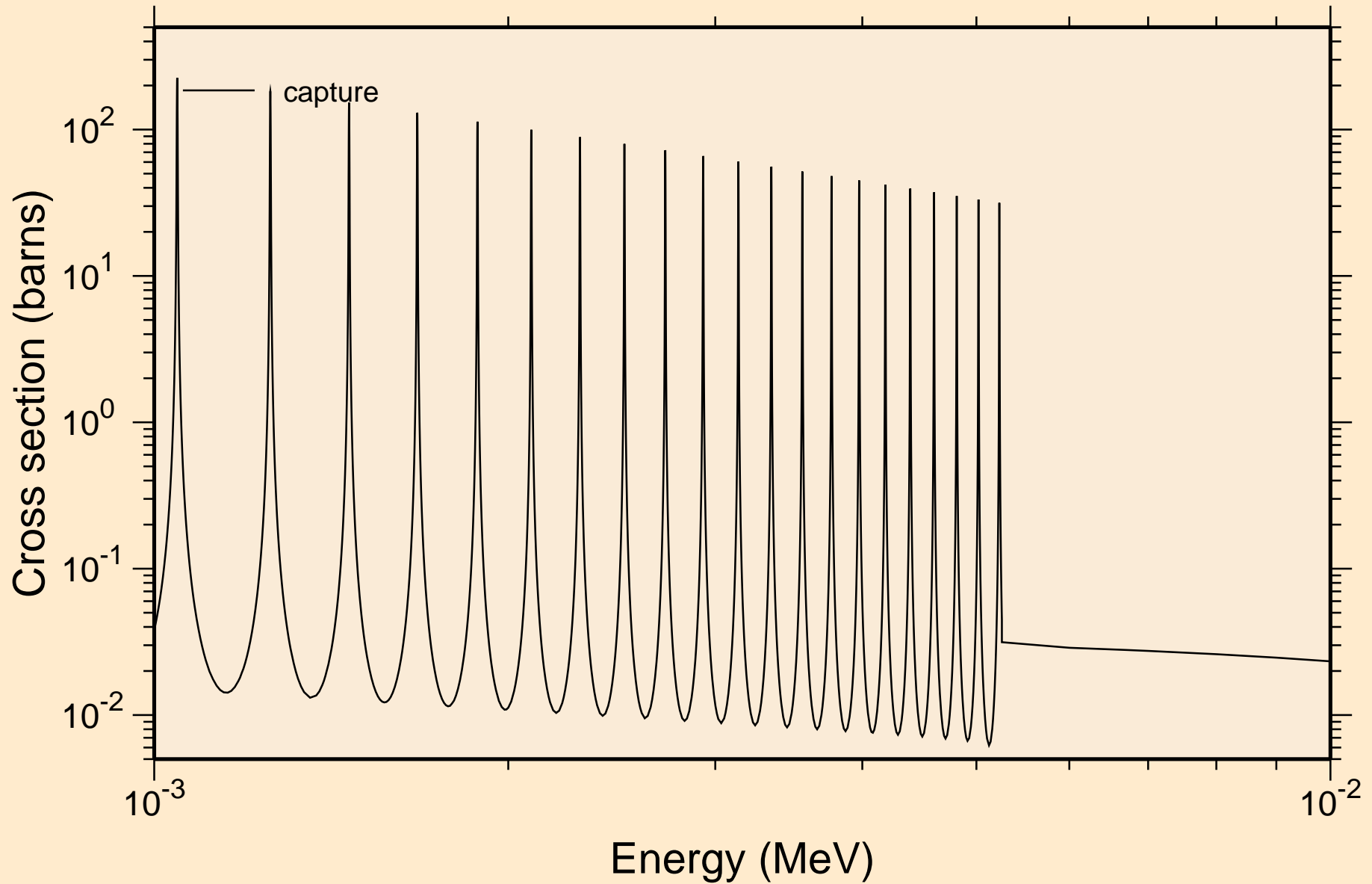
BI212N NRG TENDL-2015, AKONING  
resonance total cross section



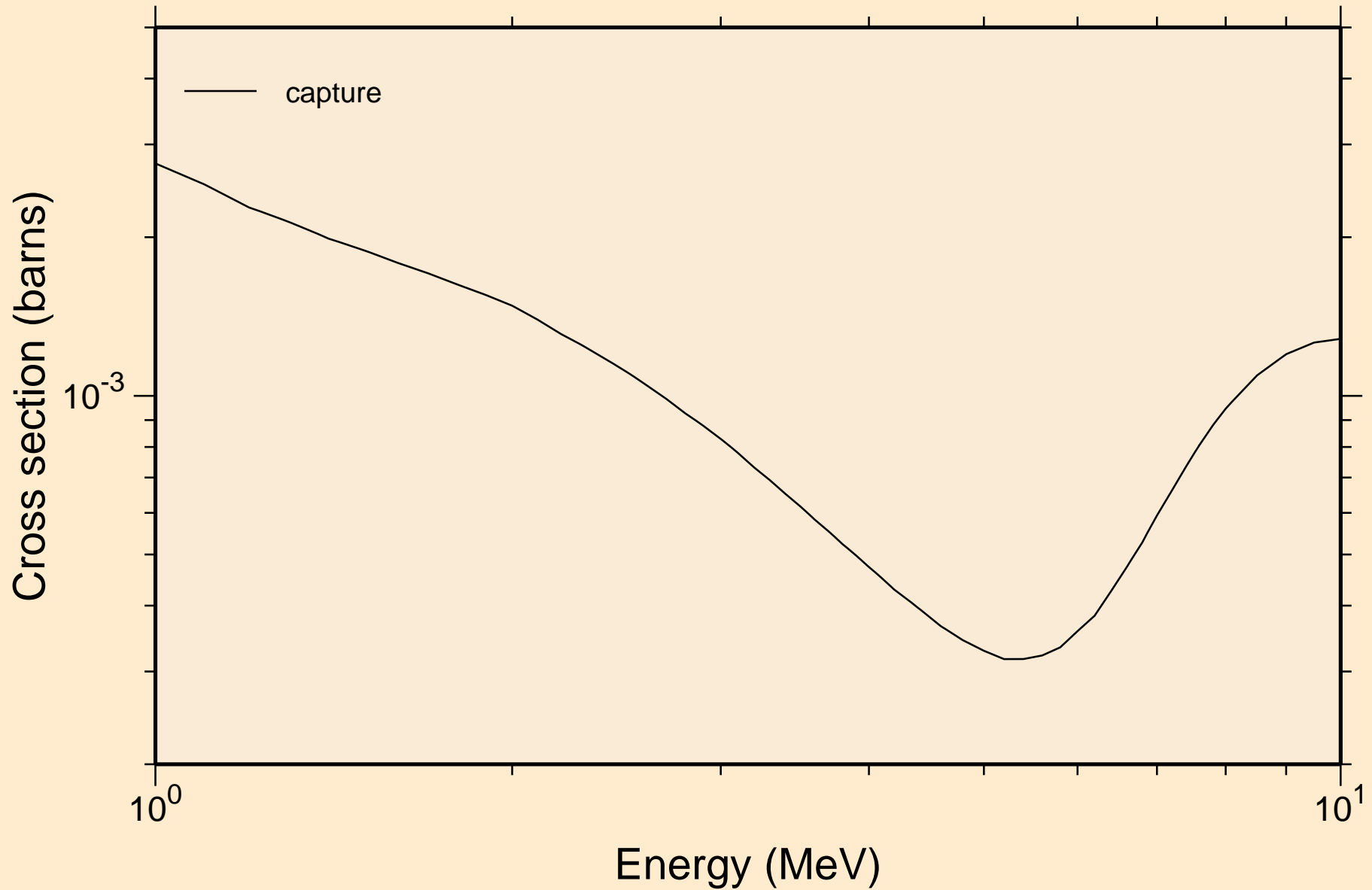
BI212N NRG TENDL-2015, AKONING  
resonance absorption cross sections



BI212N NRG TENDL-2015, AKONING  
resonance absorption cross sections

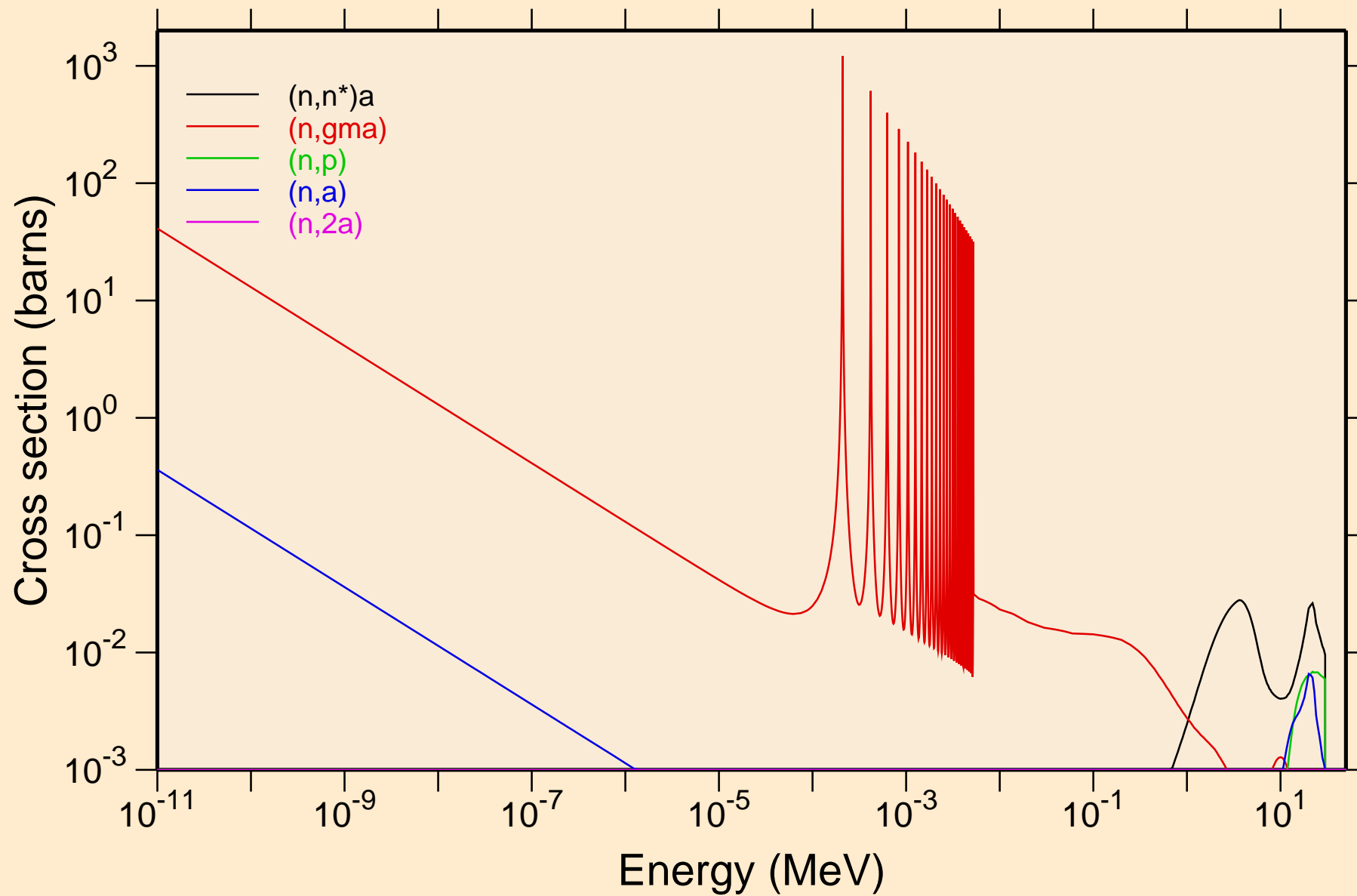


BI212N NRG TENDL-2015, AKONING  
resonance absorption cross sections



# BI212N NRG TENDL-2015, AKONING

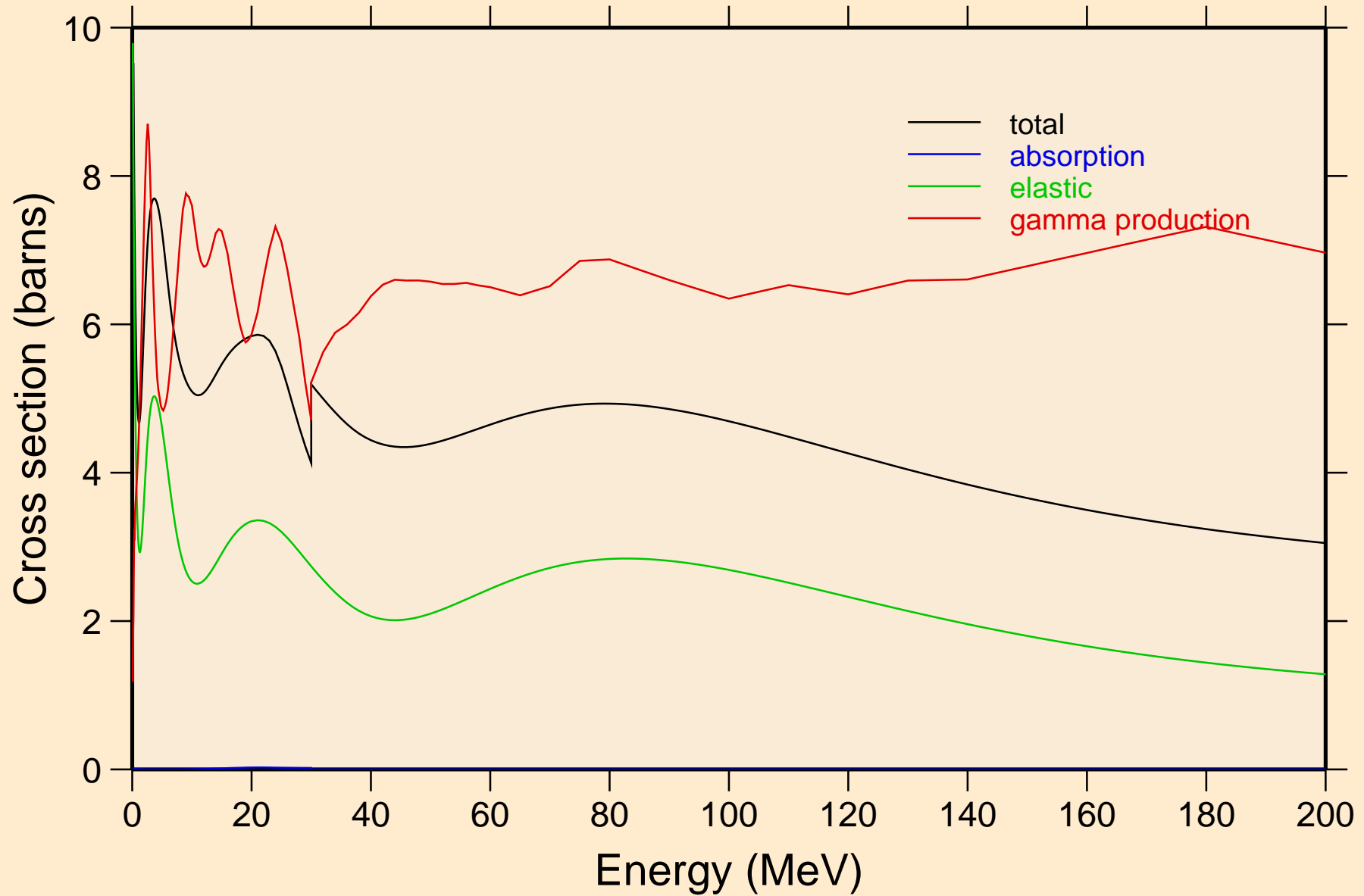
## Non-threshold reactions





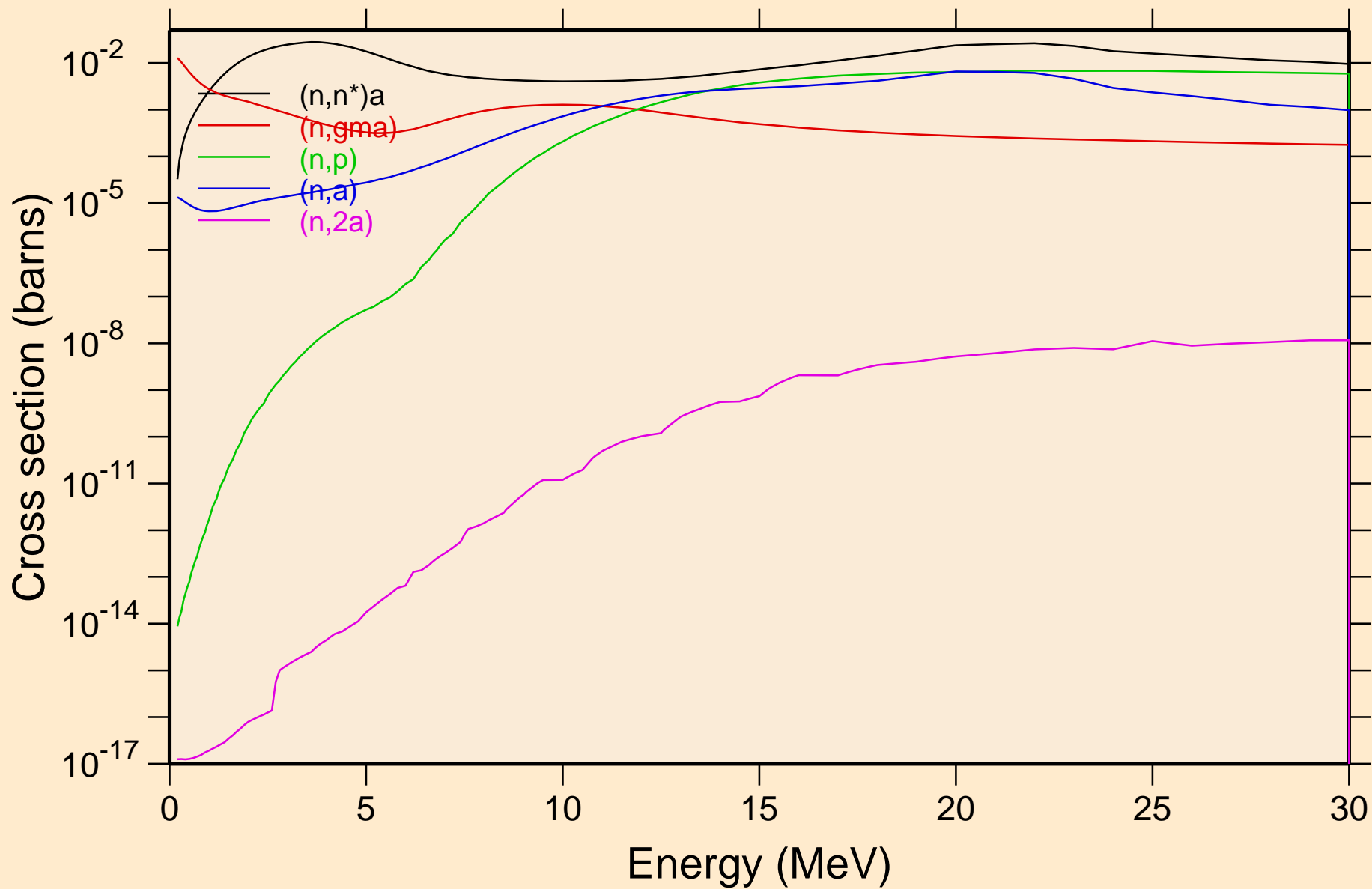
# BI212N NRG TENDL-2015, AKONING

## Principal cross sections



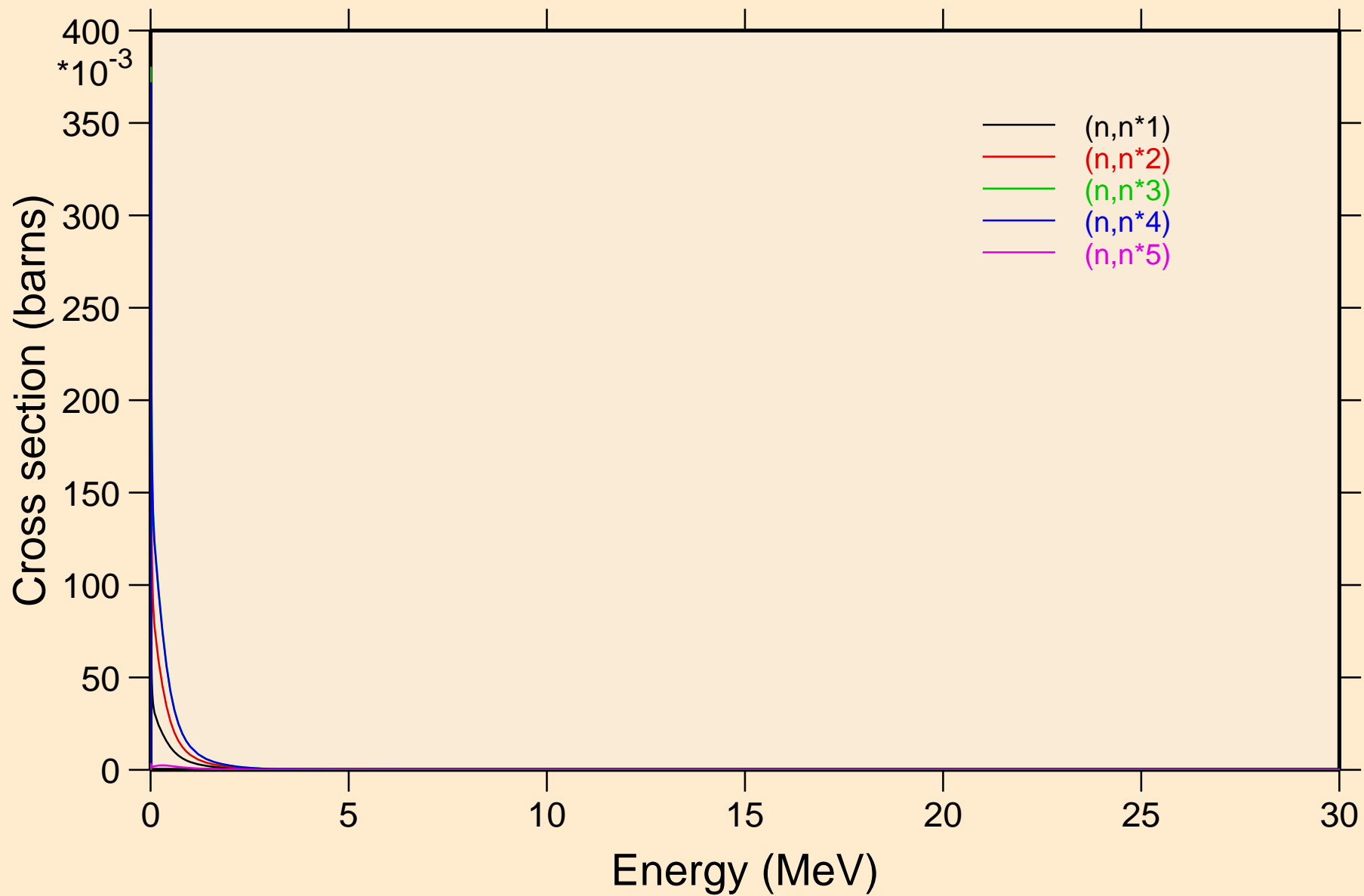
# BI212N NRG TENDL-2015, AKONING

## Non-threshold reactions



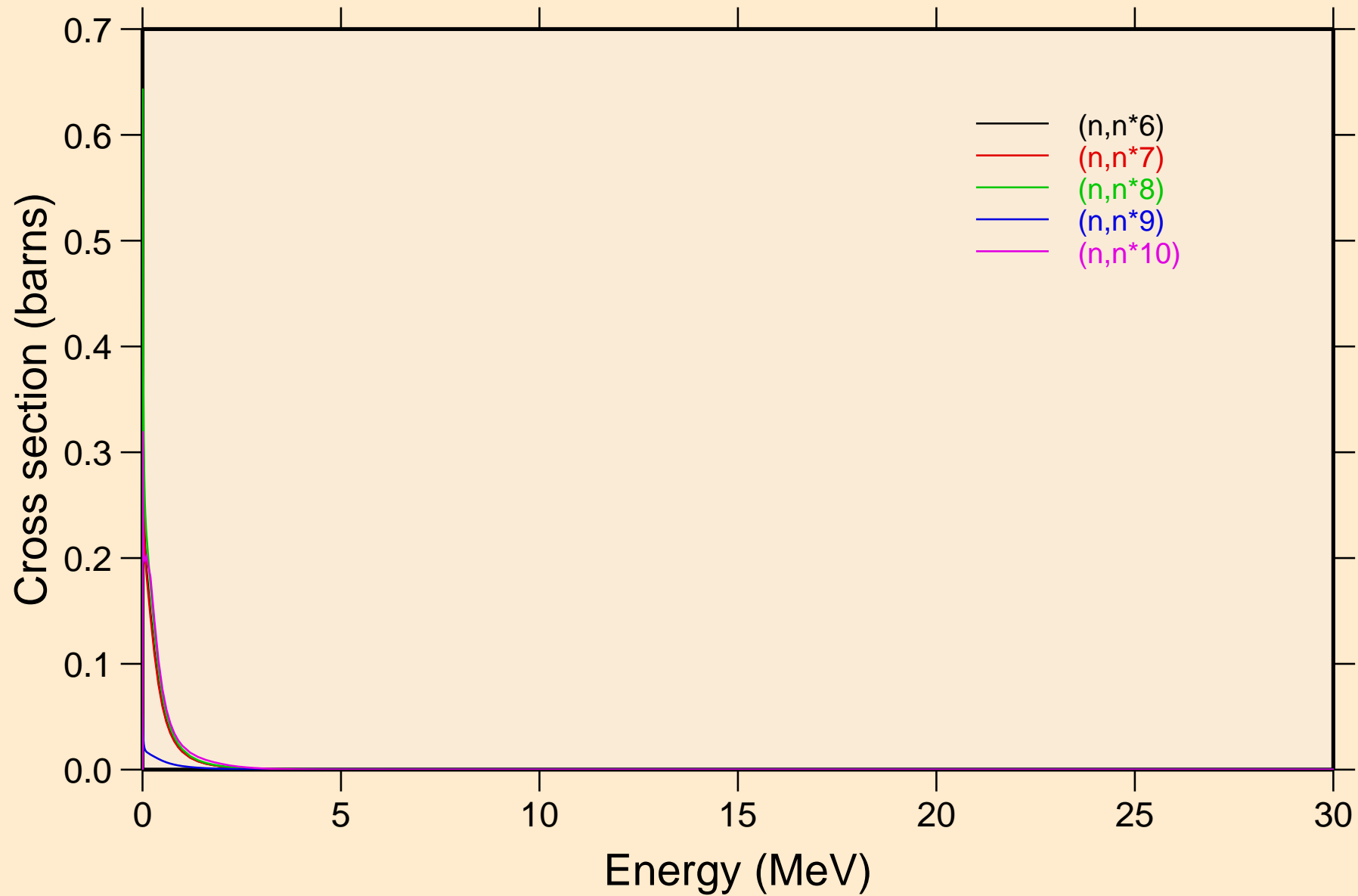
# BI212N NRG TENDL-2015, AKONING

## Inelastic levels



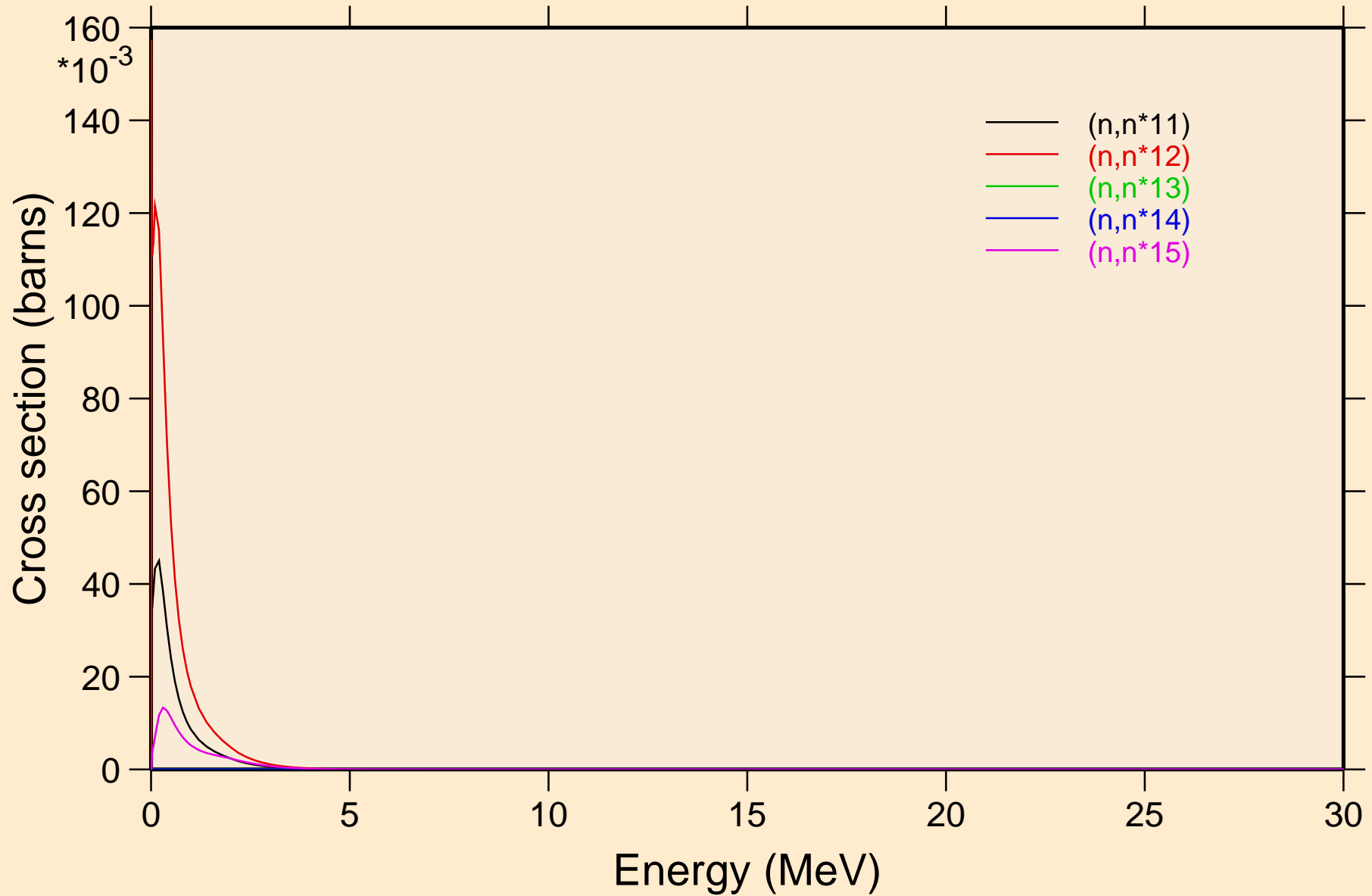
# BI212N NRG TENDL-2015, AKONING

## Inelastic levels



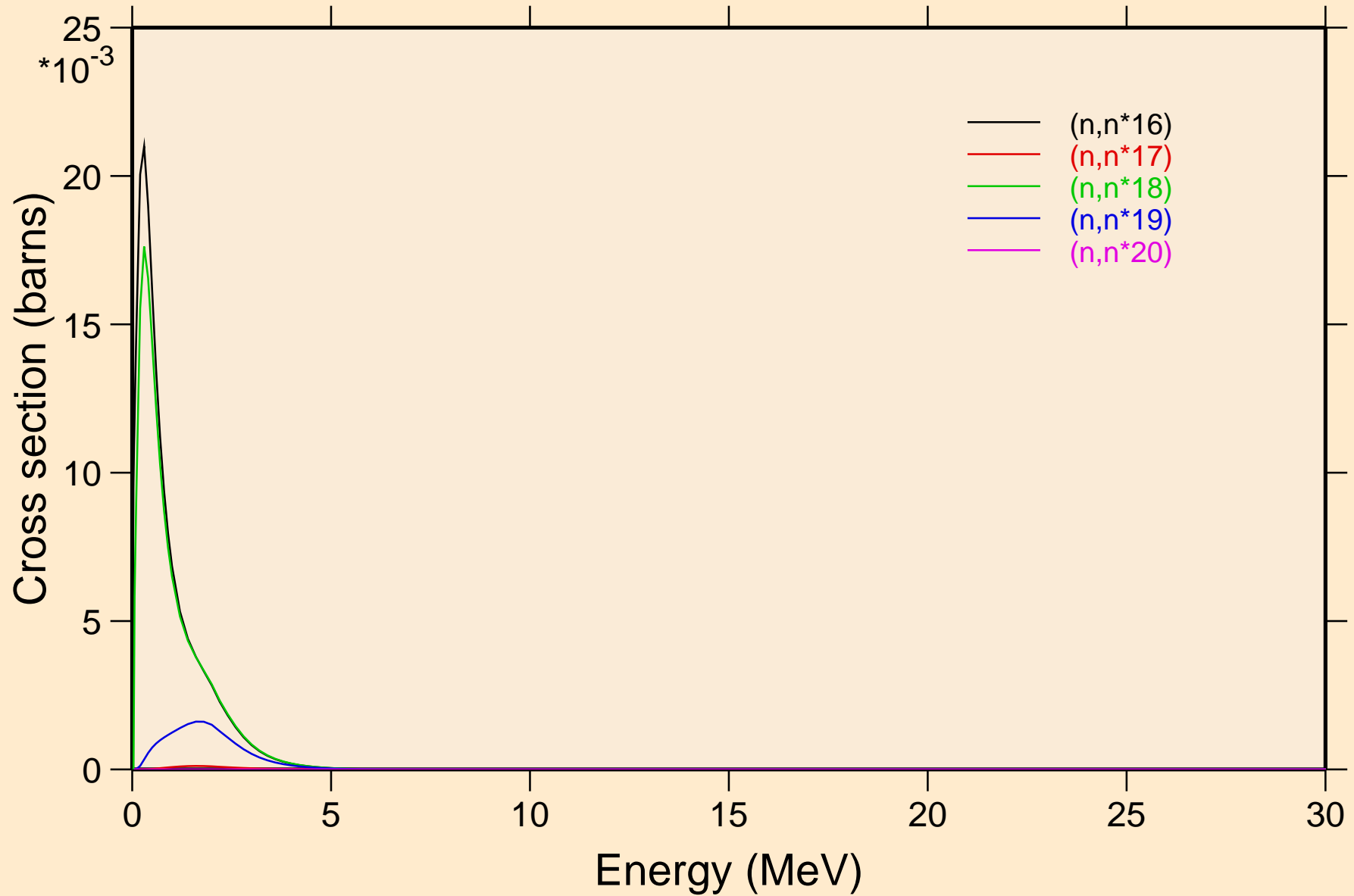
# BI212N NRG TENDL-2015, AKONING

## Inelastic levels



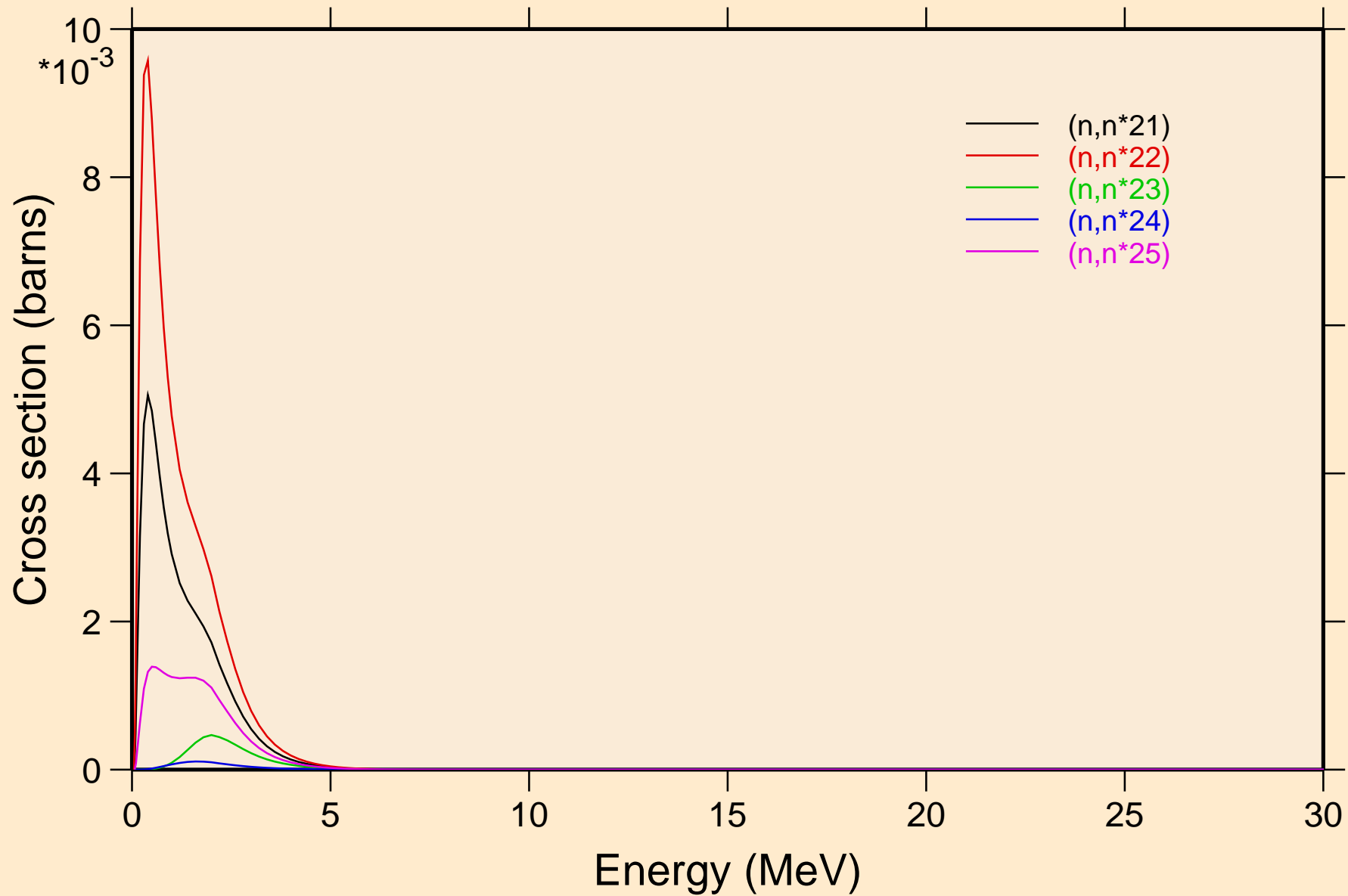
# BI212N NRG TENDL-2015, AKONING

## Inelastic levels

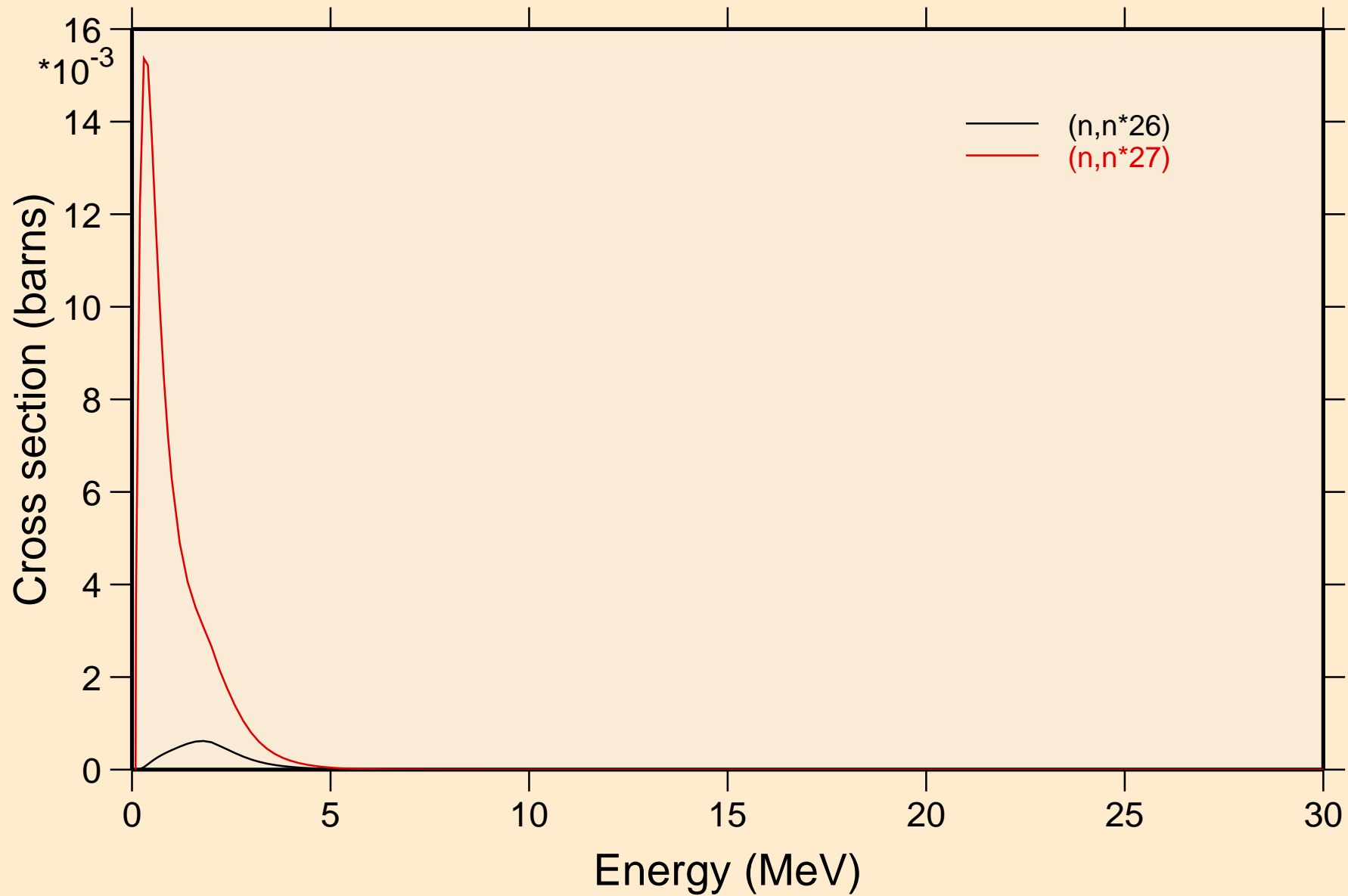


# BI212N NRG TENDL-2015, AKONING

## Inelastic levels



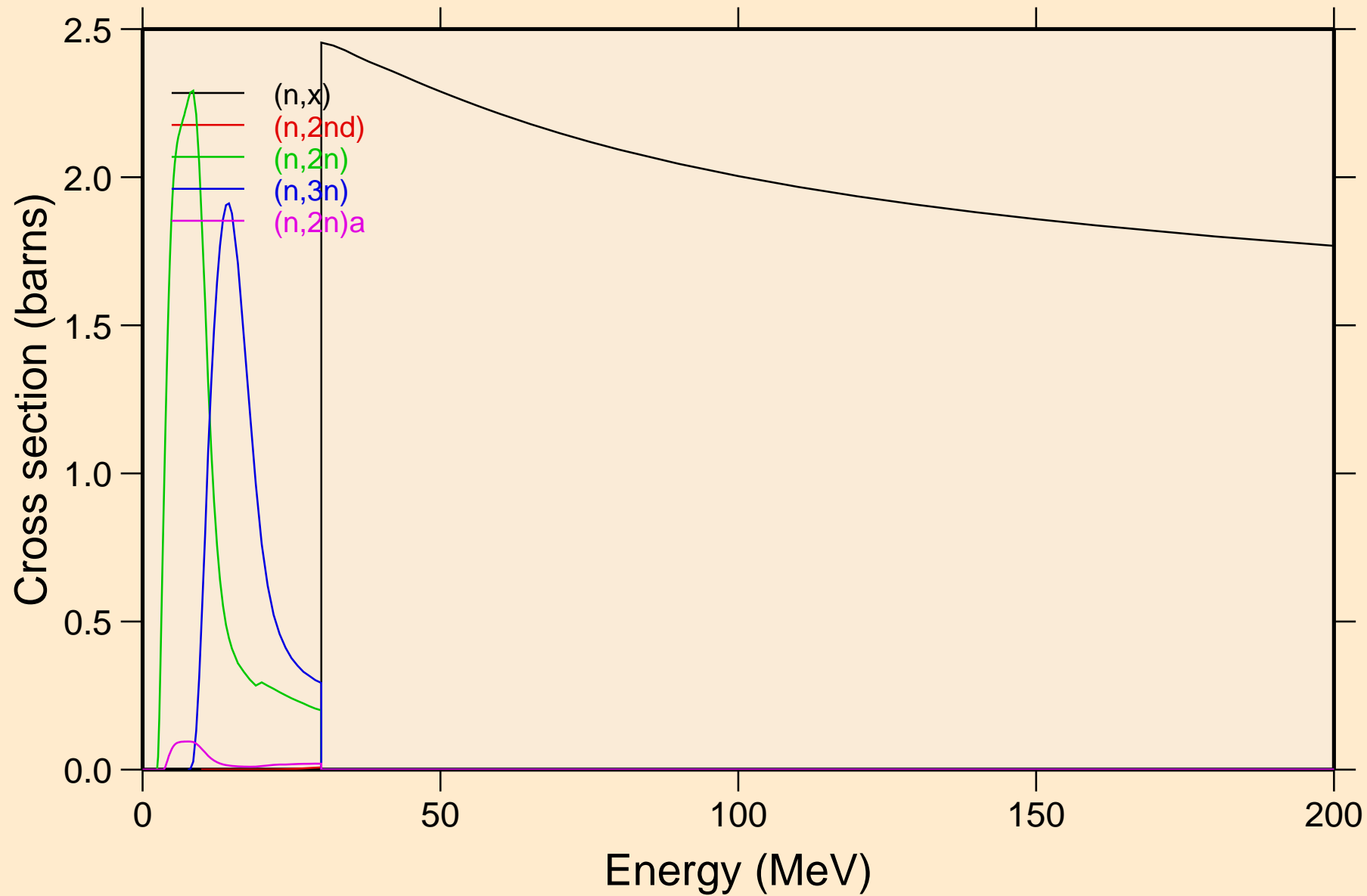
BI212N NRG TENDL-2015, AKONING  
Inelastic levels





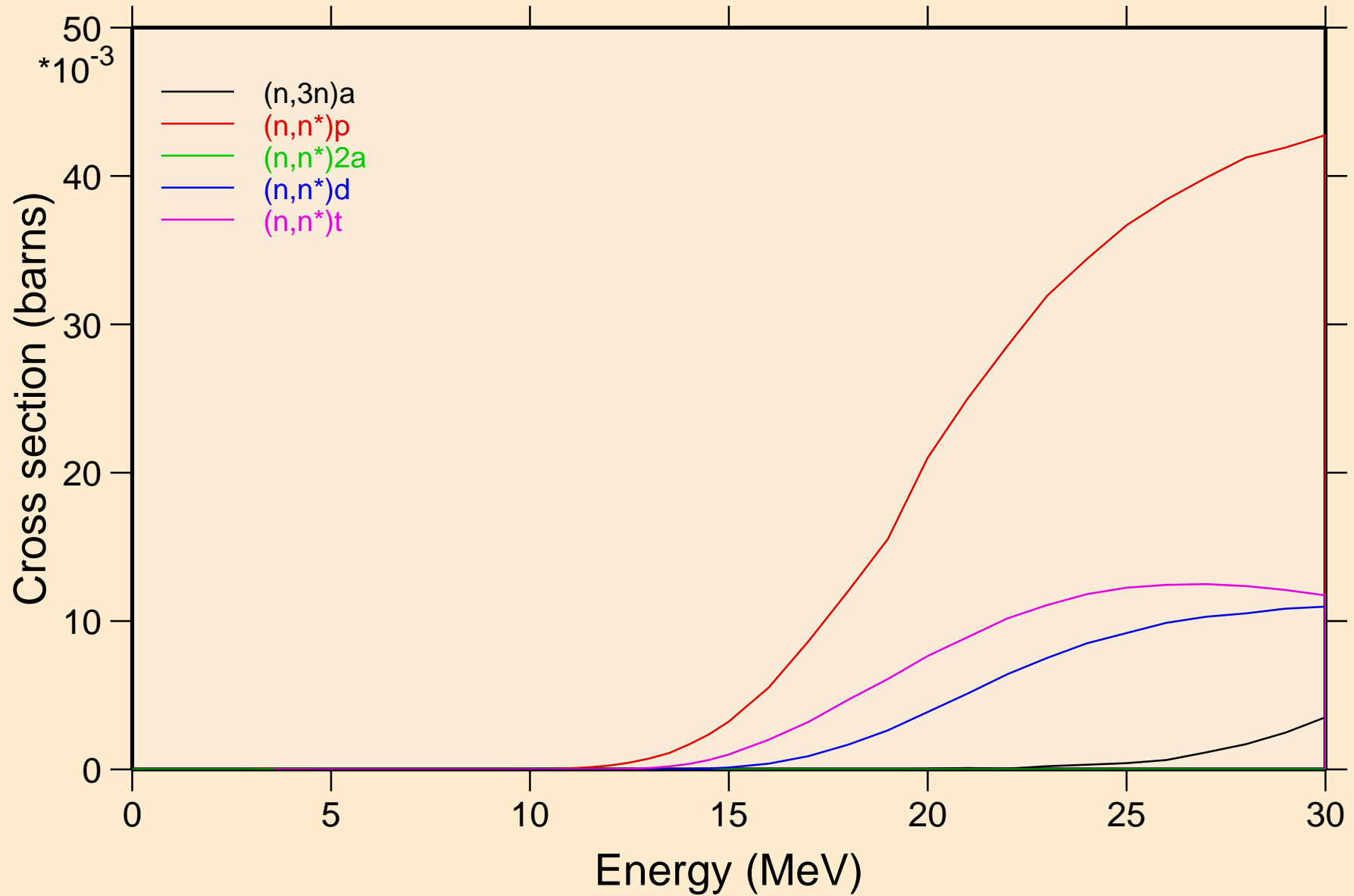
# BI212N NRG TENDL-2015, AKONING

## Threshold reactions



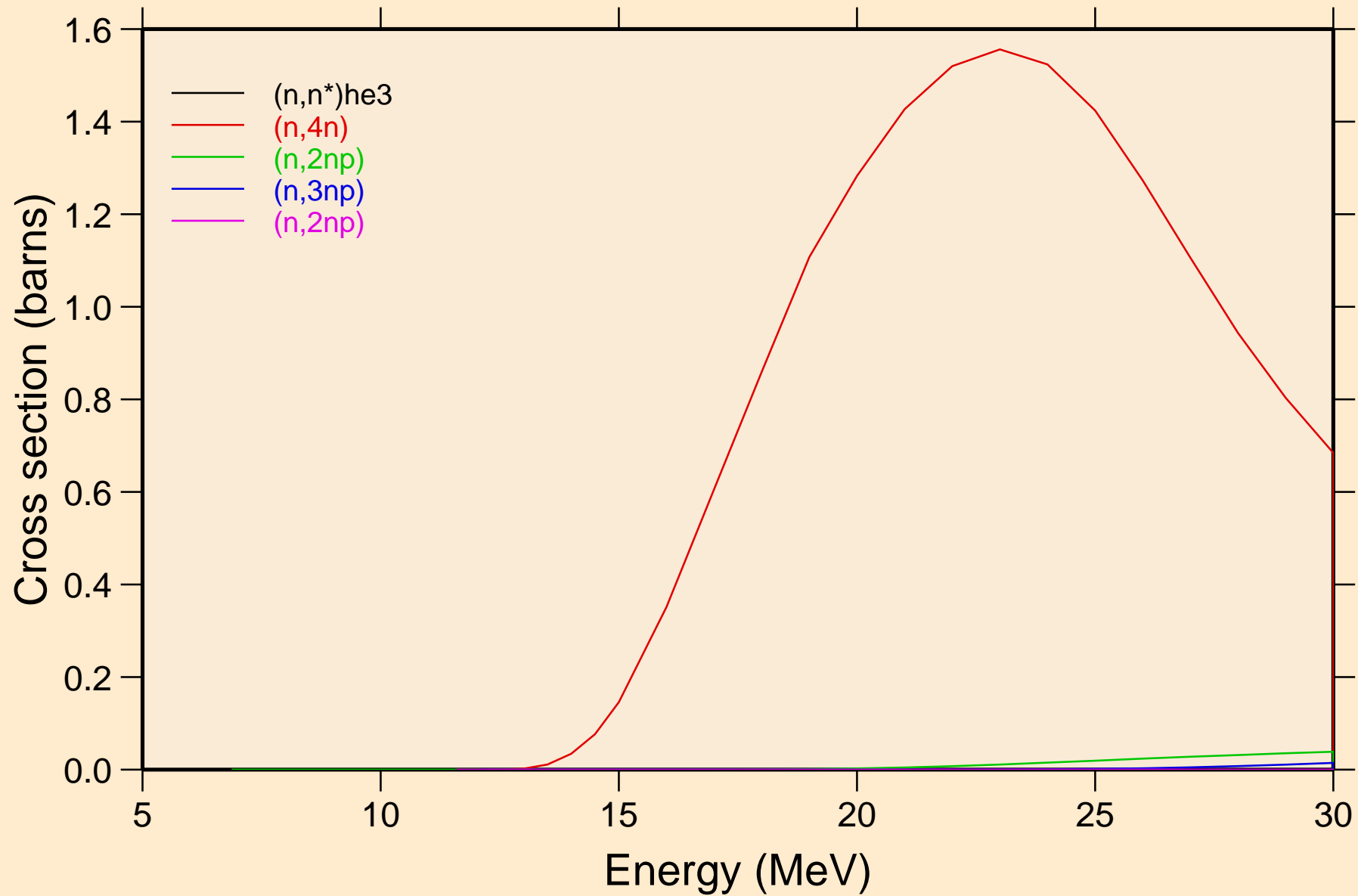
# BI212N NRG TENDL-2015, AKONING

## Threshold reactions



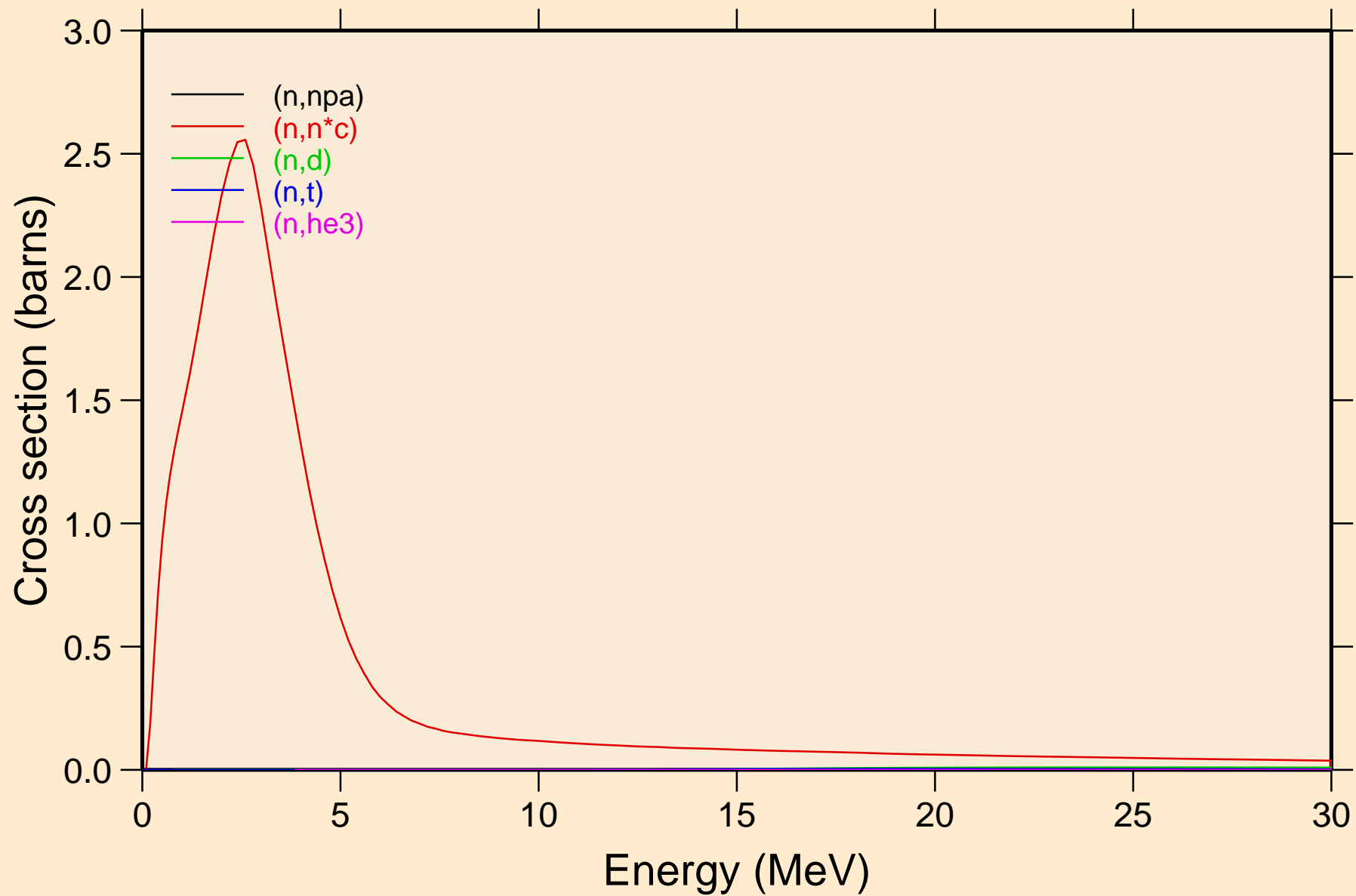
# BI212N NRG TENDL-2015, AKONING

## Threshold reactions



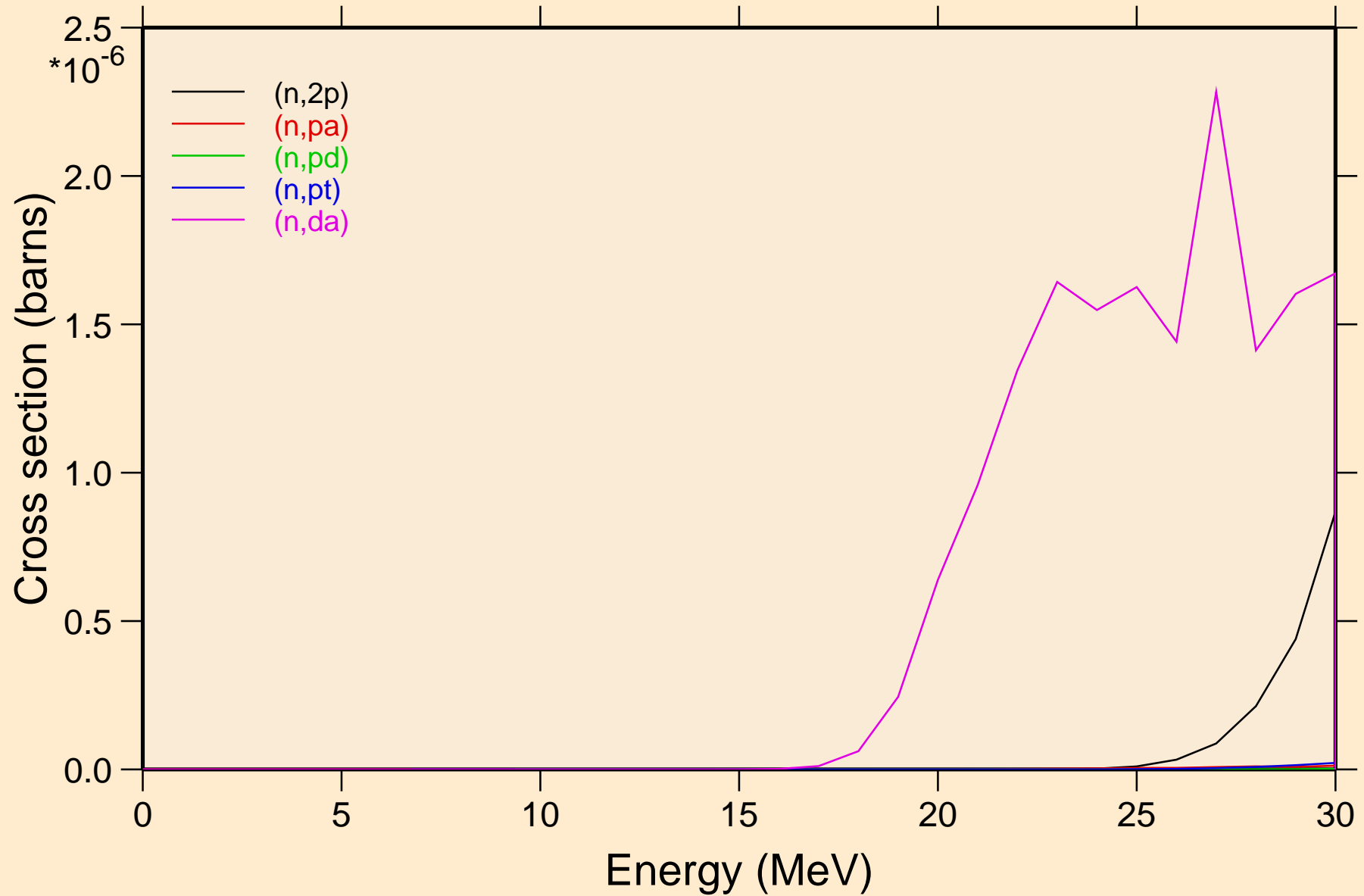
# BI212N NRG TENDL-2015, AKONING

## Threshold reactions

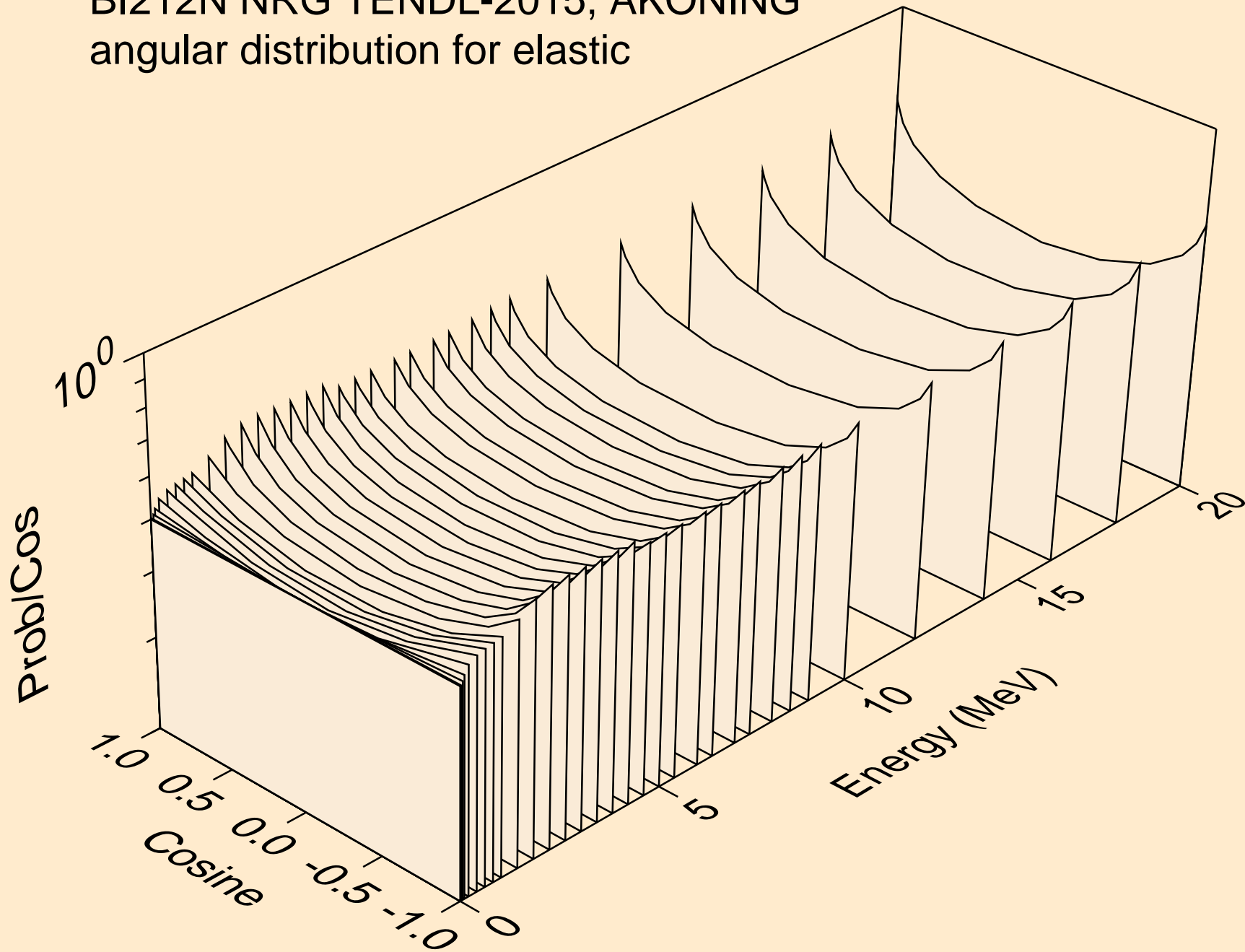


# BI212N NRG TENDL-2015, AKONING

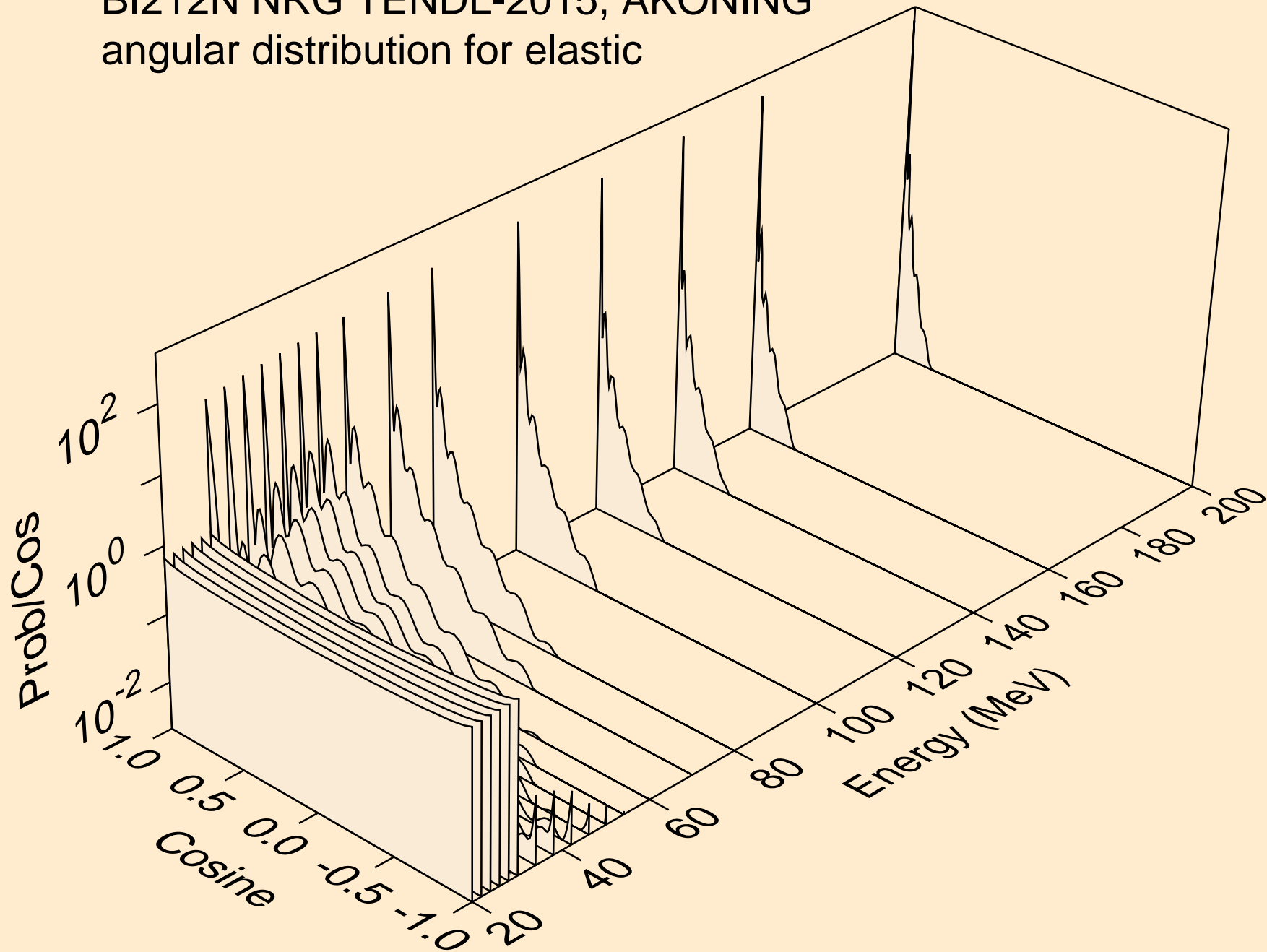
## Threshold reactions



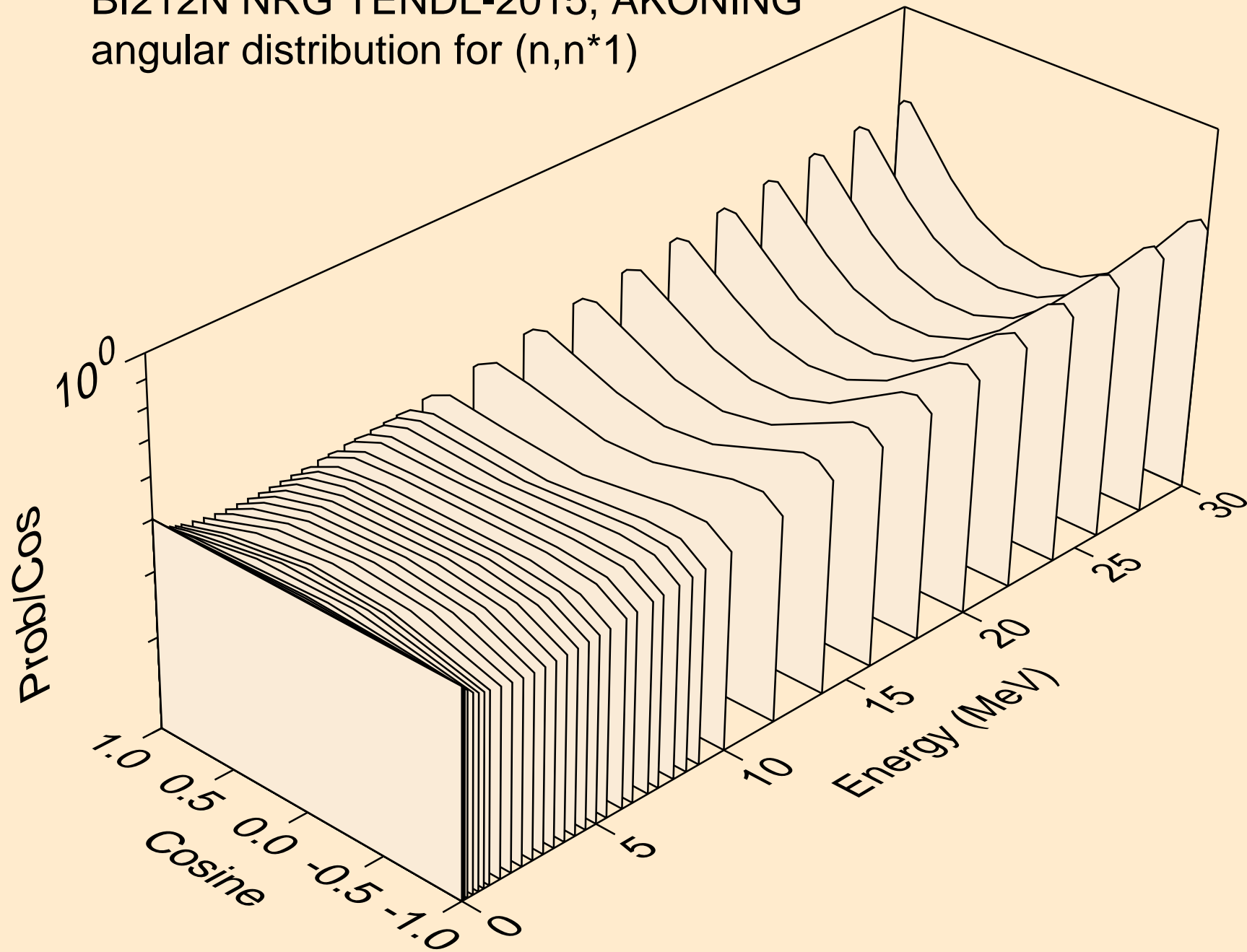
BI212N NRG TENDL-2015, AKONING  
angular distribution for elastic



BI212N NRG TENDL-2015, AKONING  
angular distribution for elastic

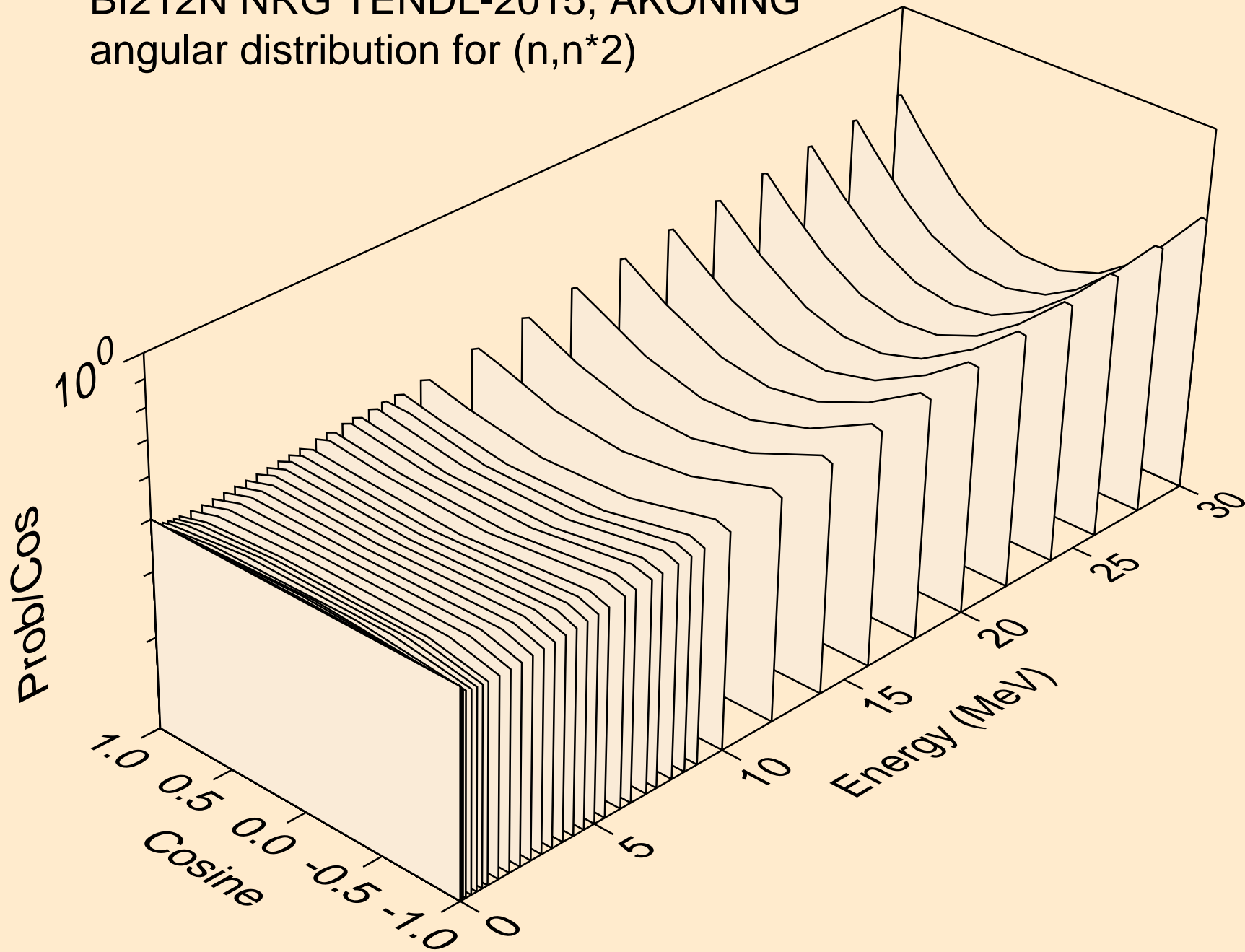


BI212N NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)

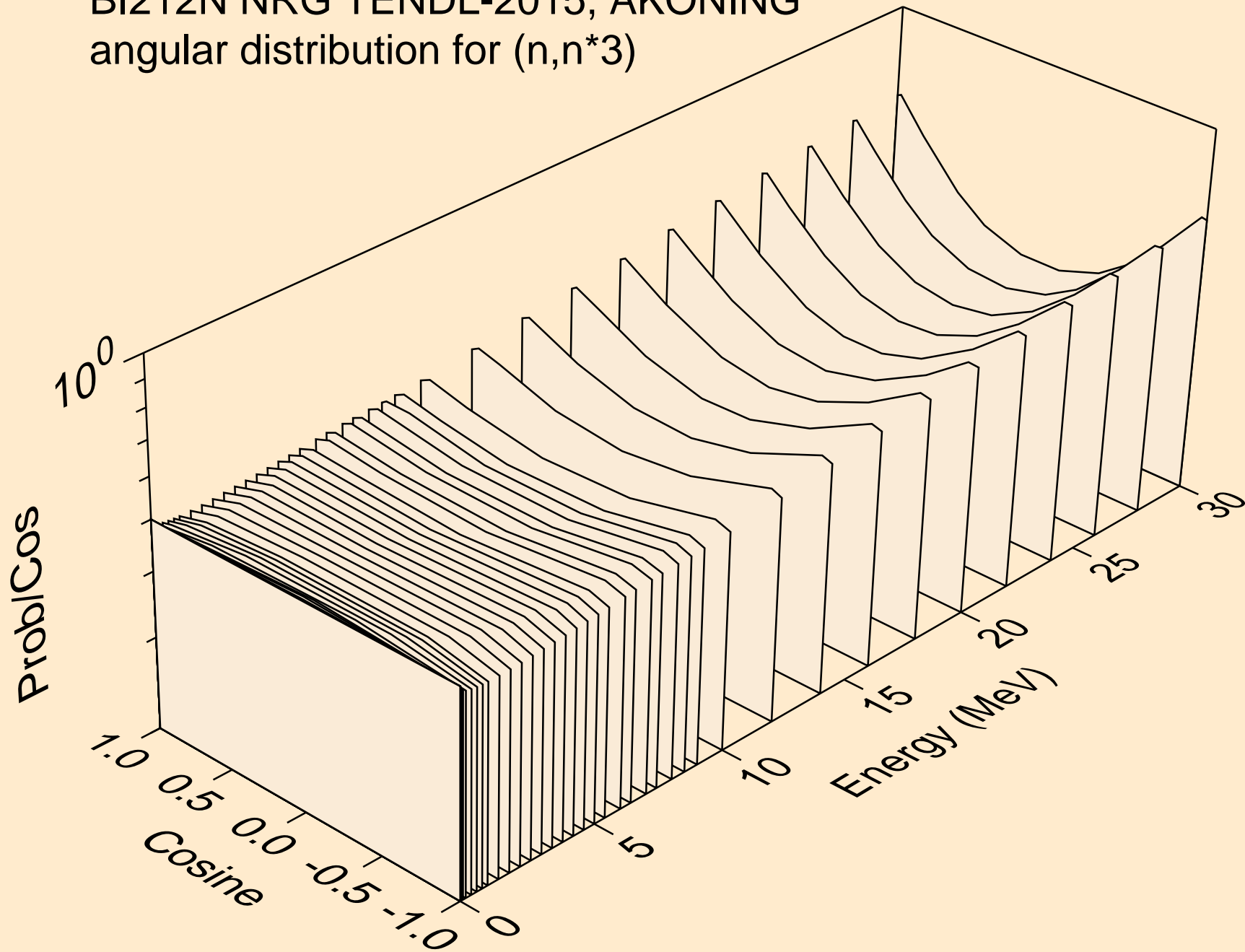




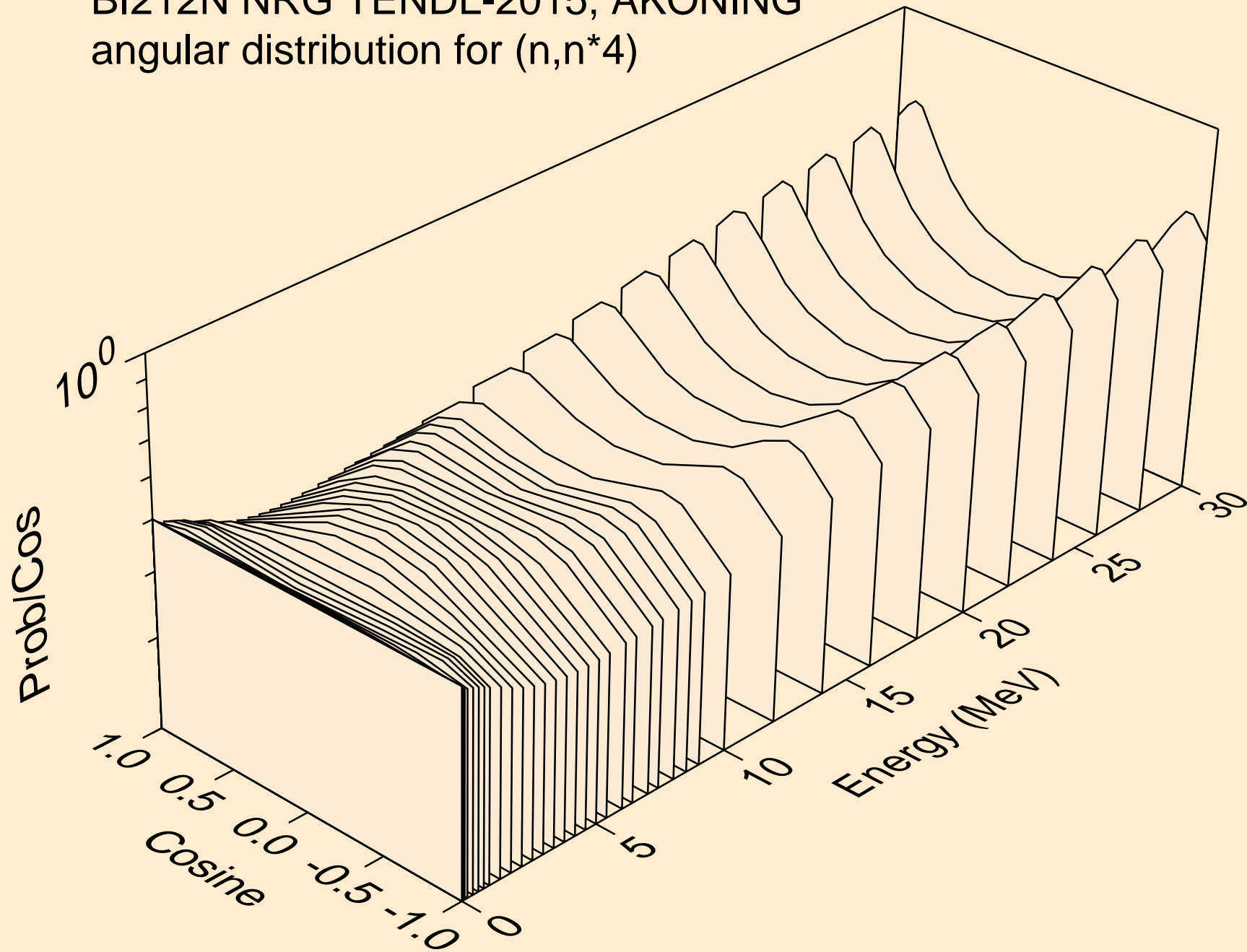
BI212N NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



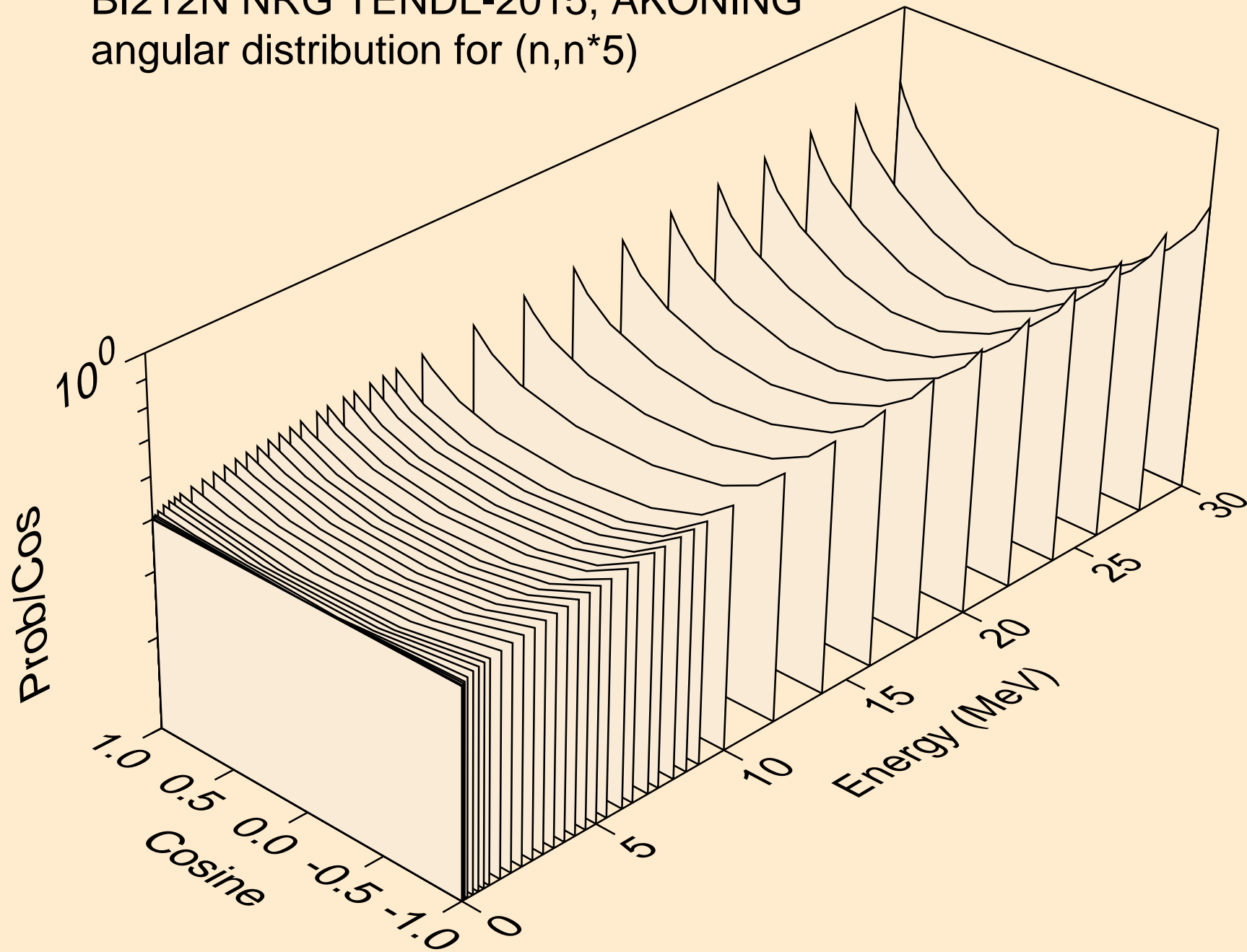
BI212N NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



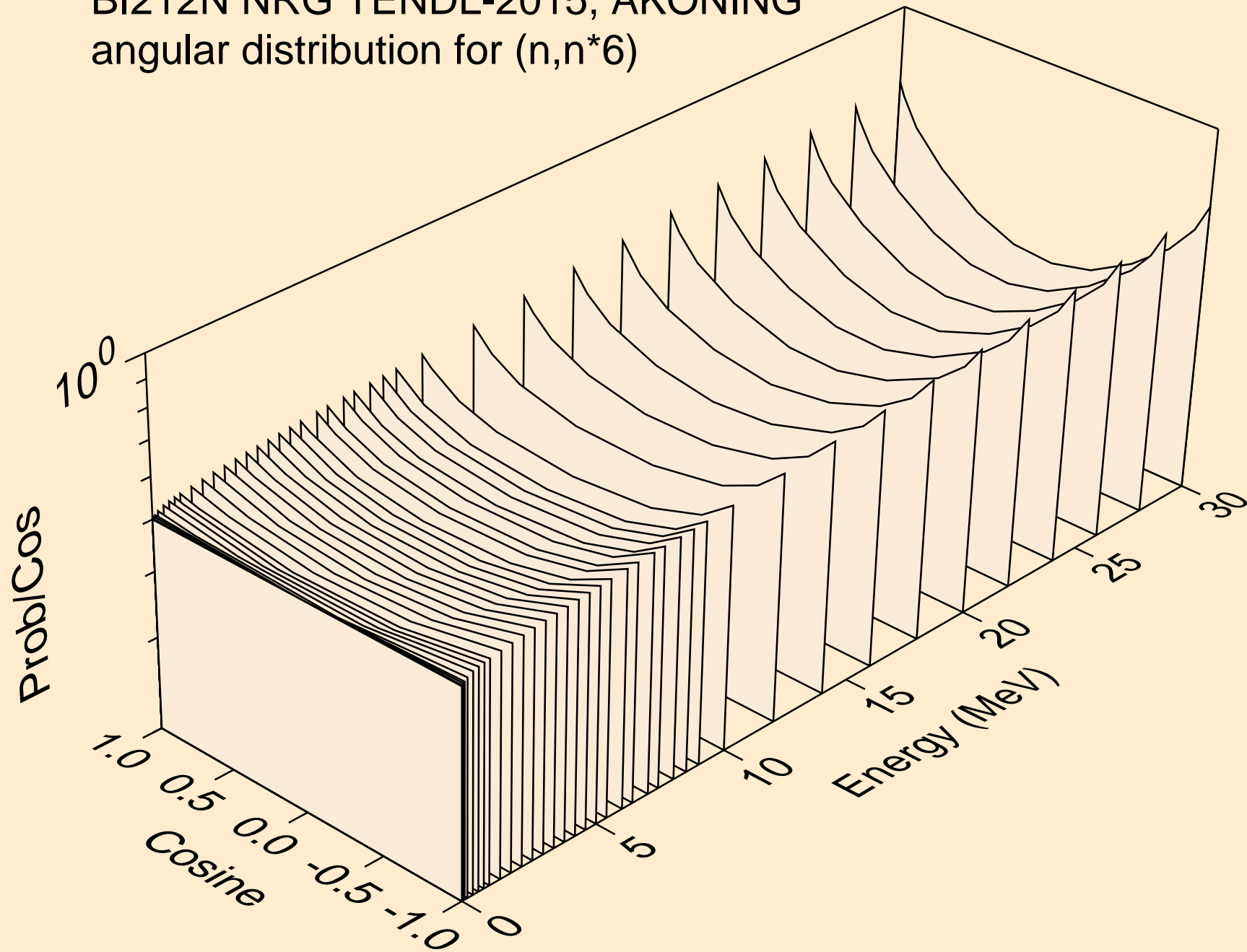
BI212N NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



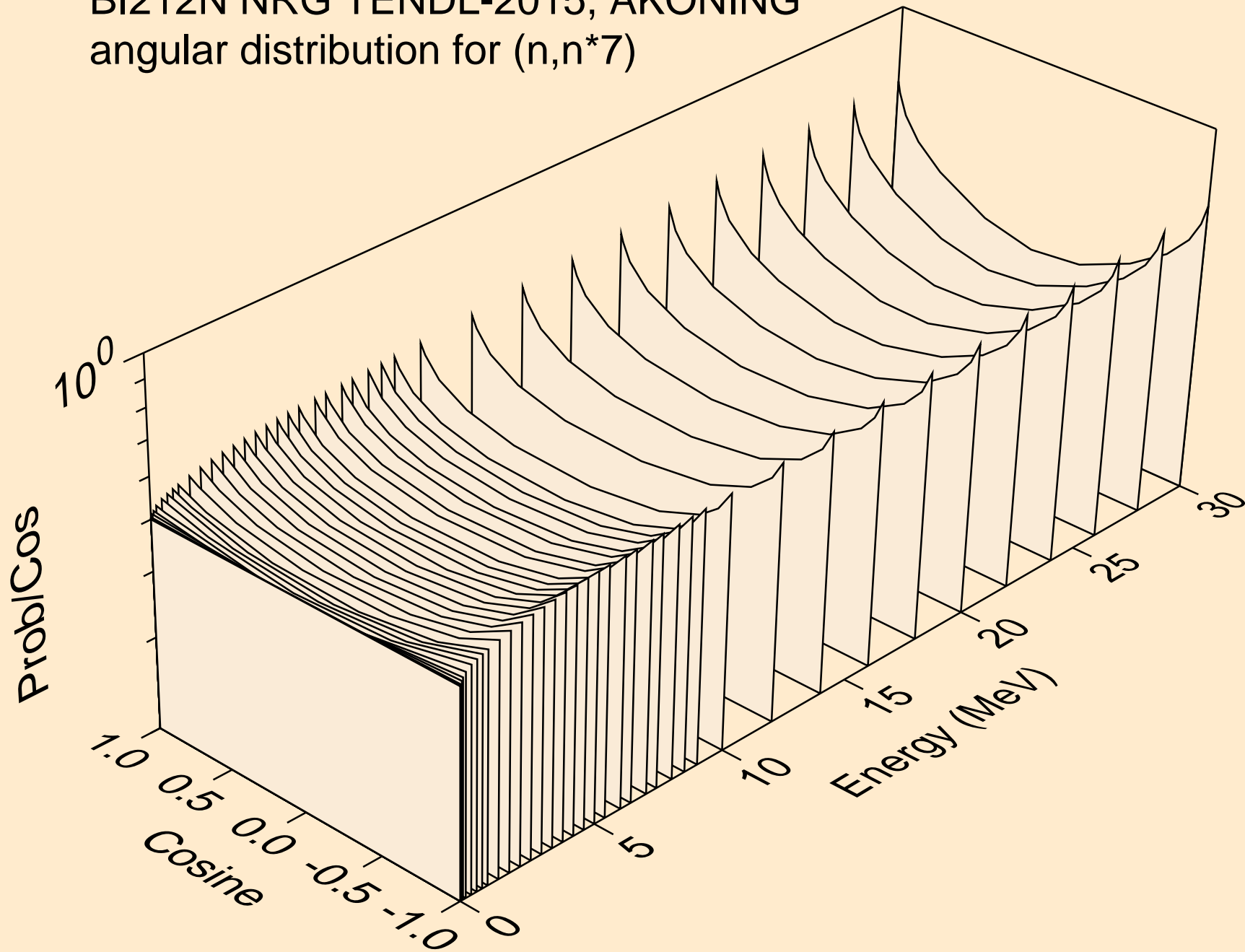
BI212N NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



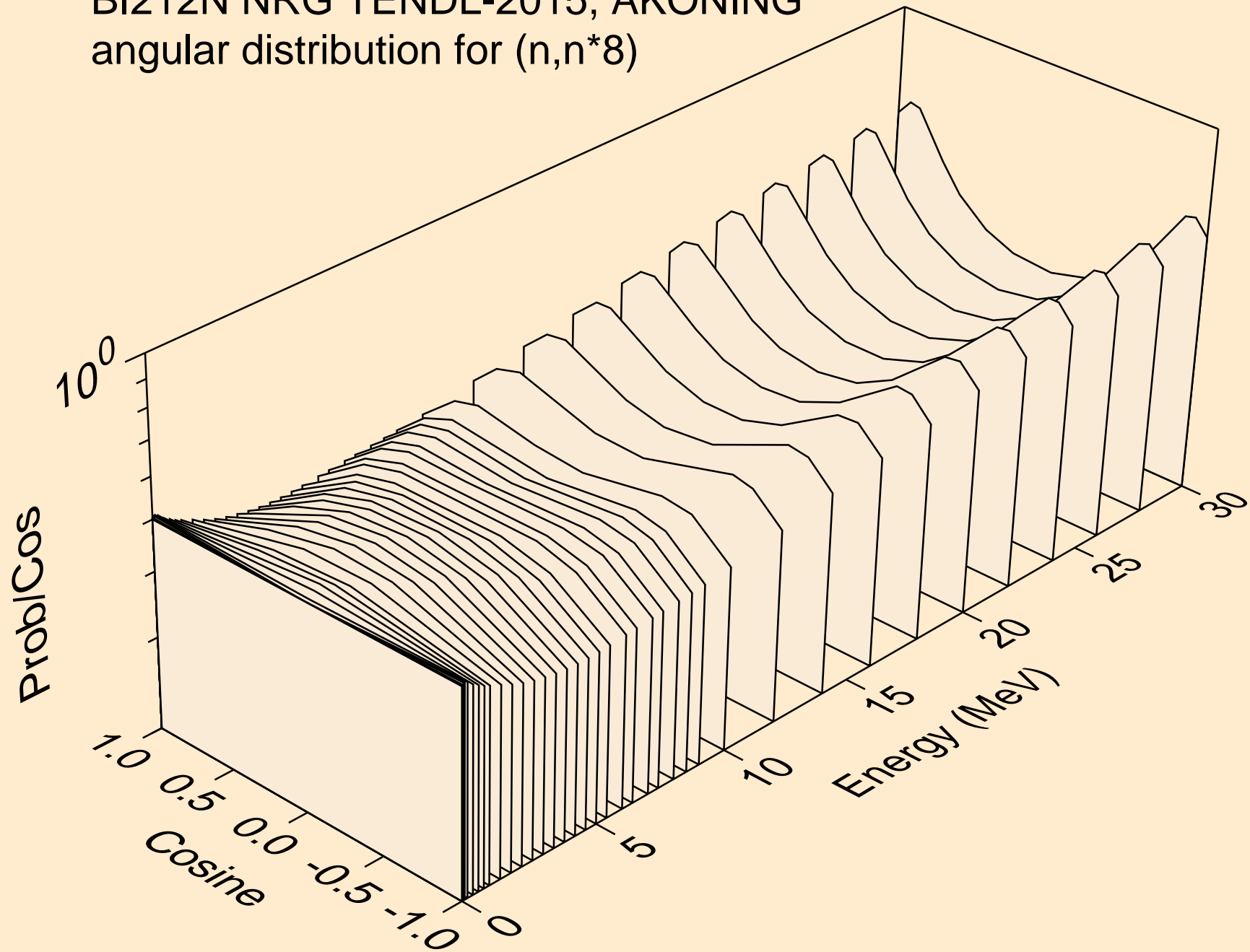
BI212N NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



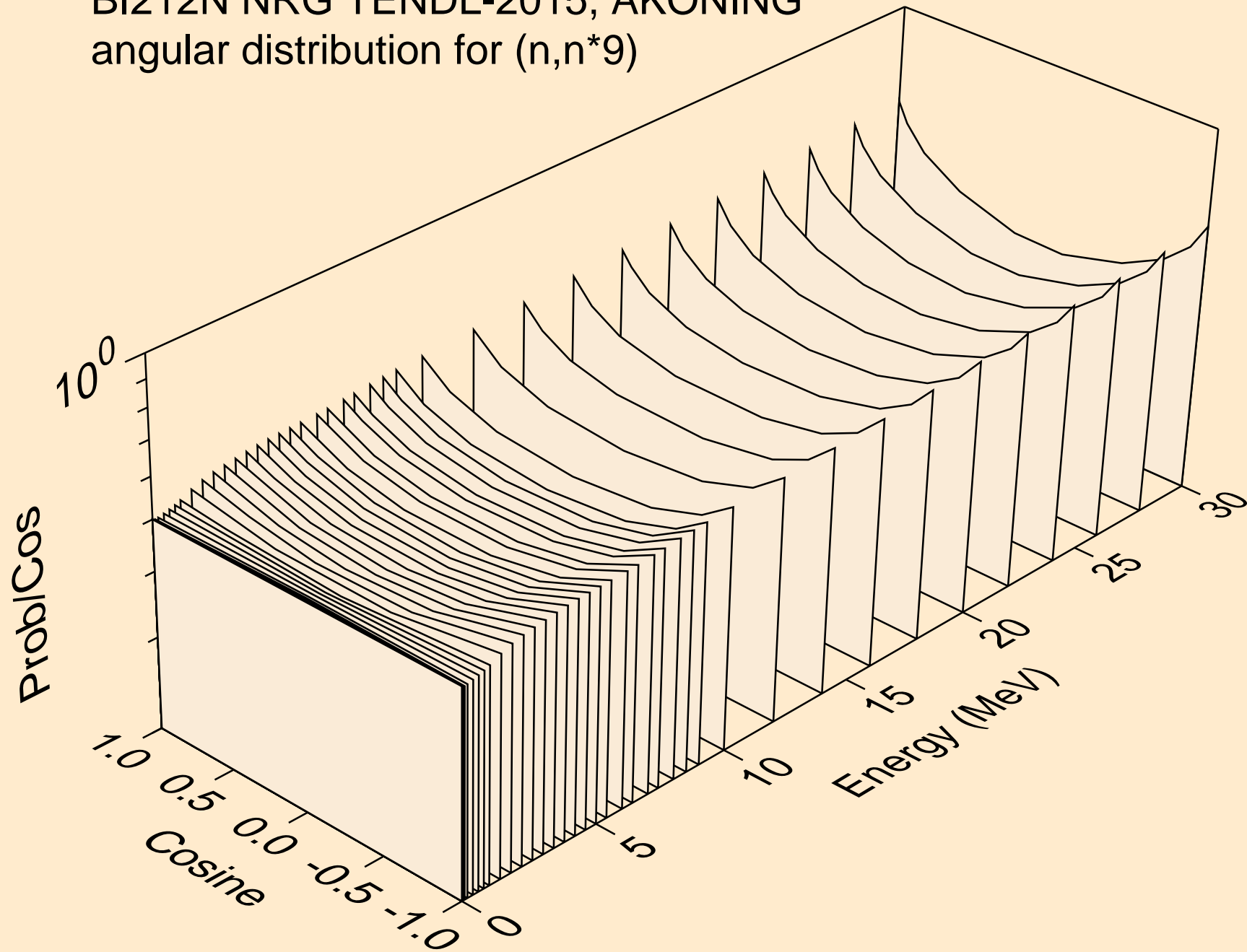
BI212N NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



BI212N NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)

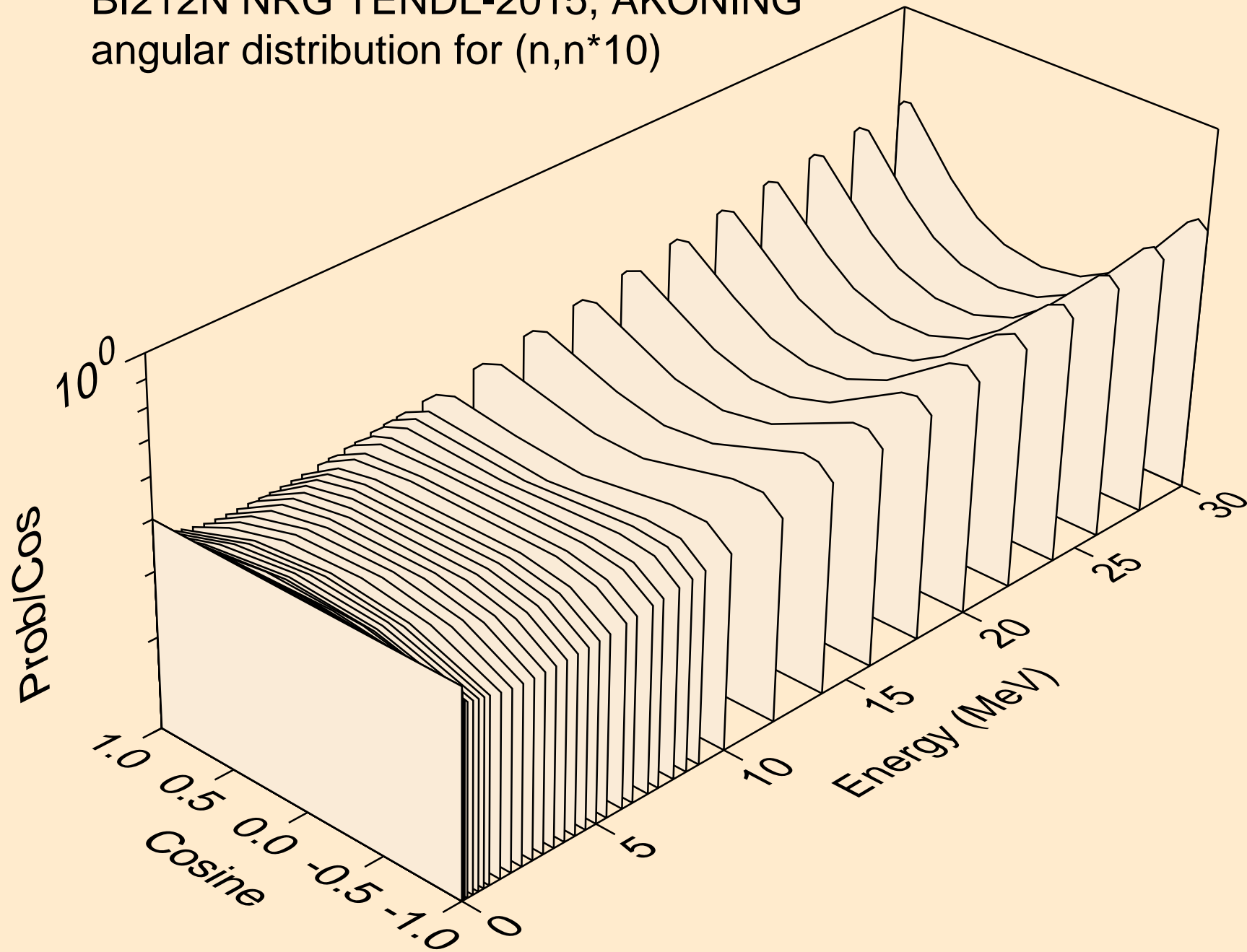


BI212N NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)

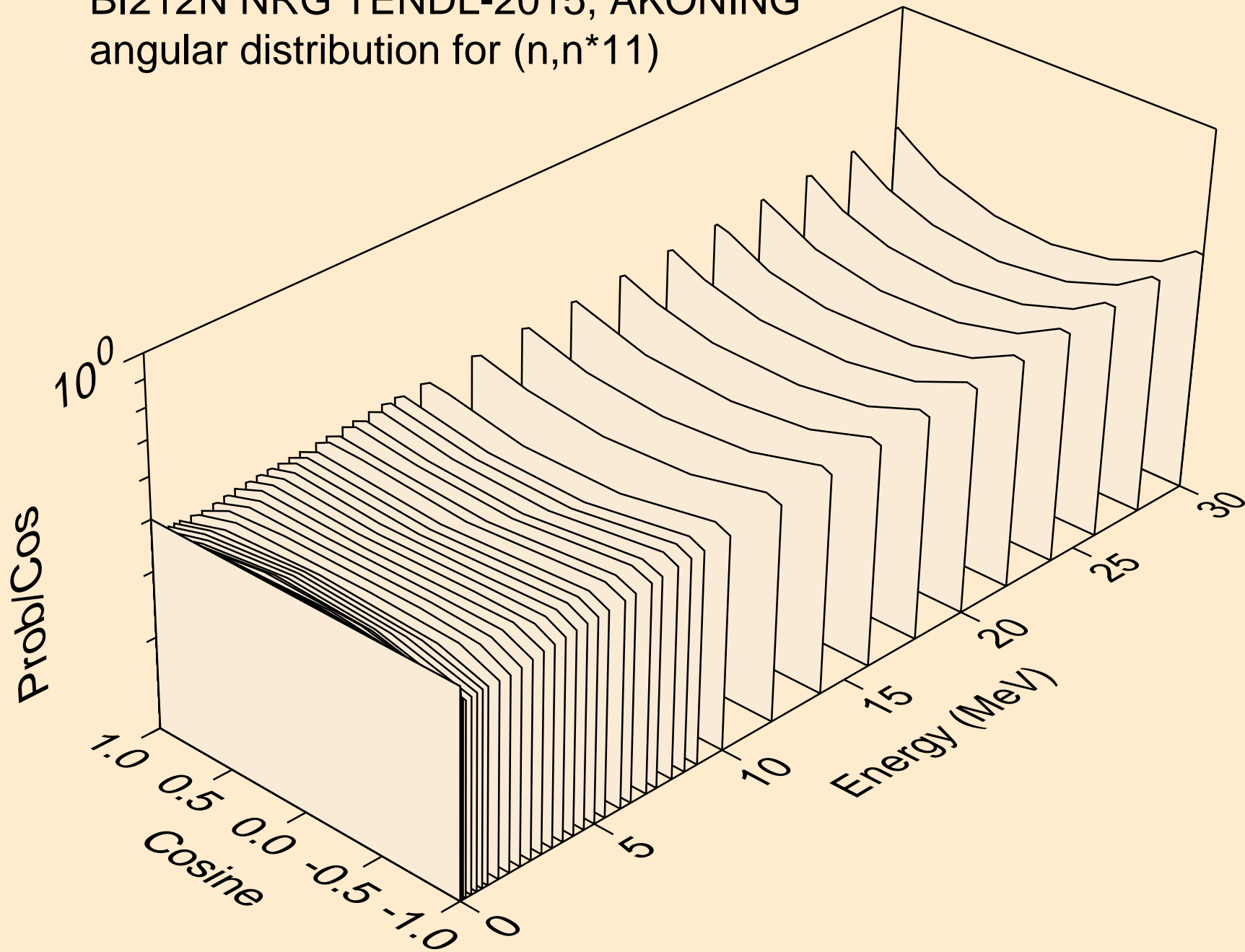




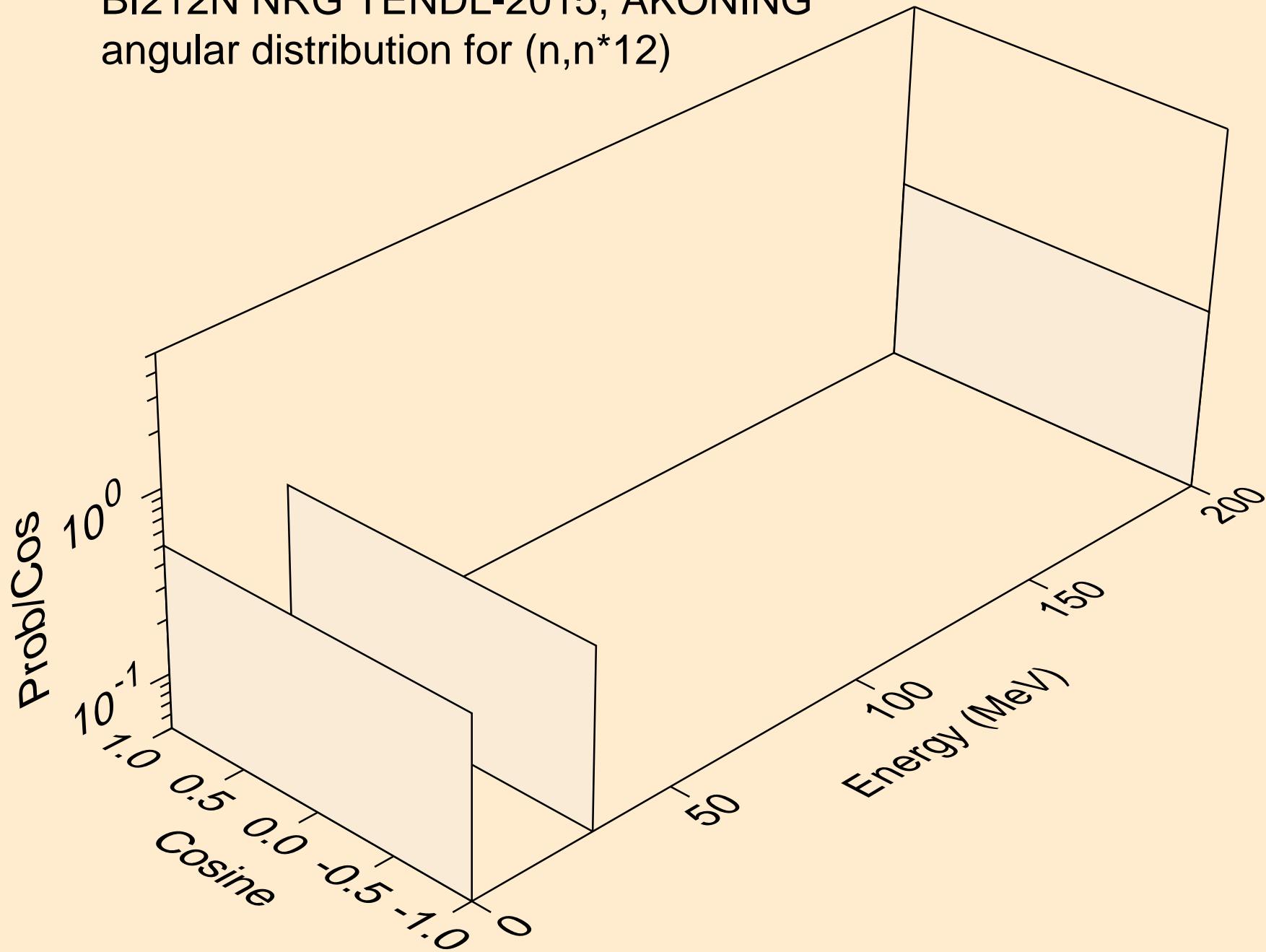
BI212N NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



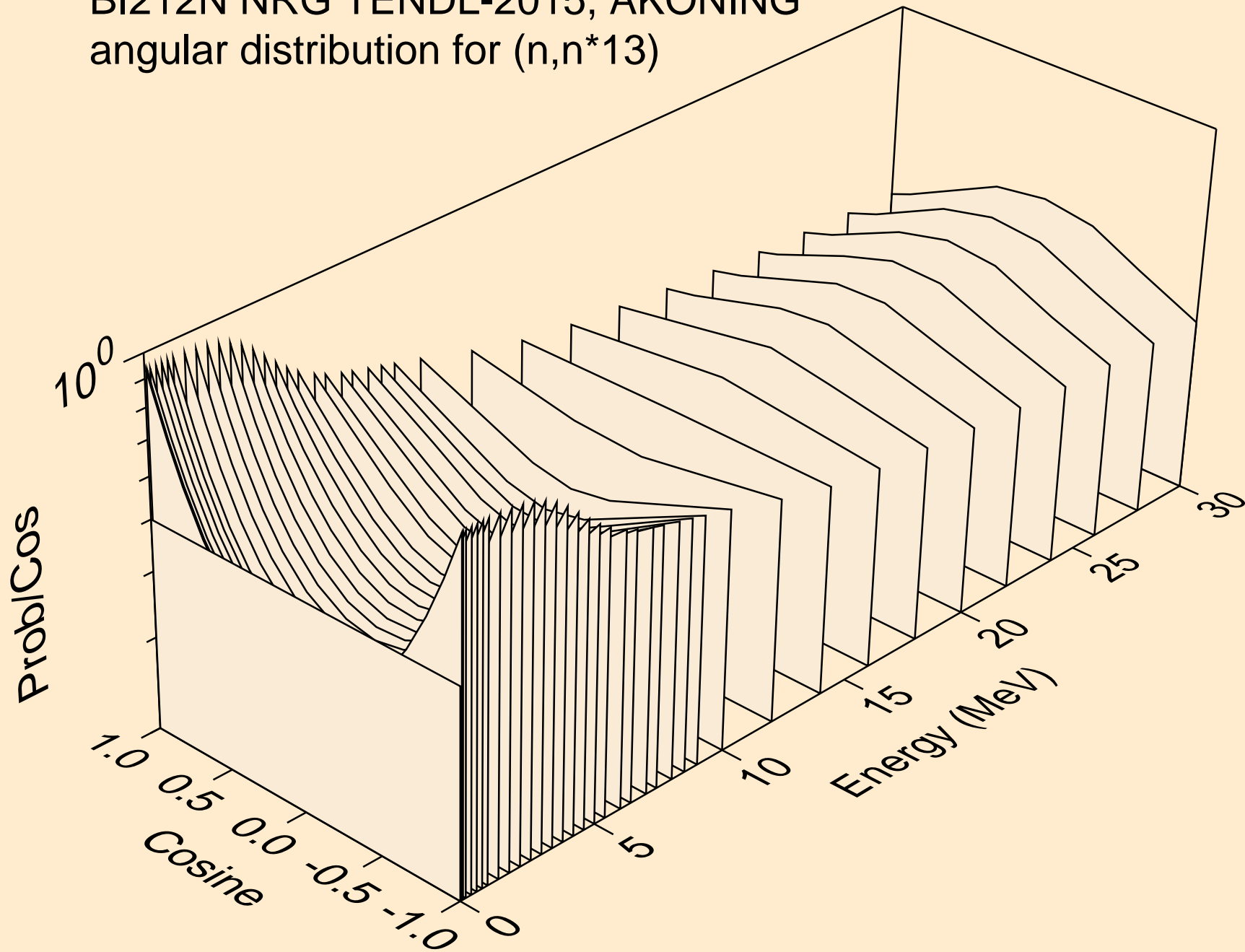
BI212N NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



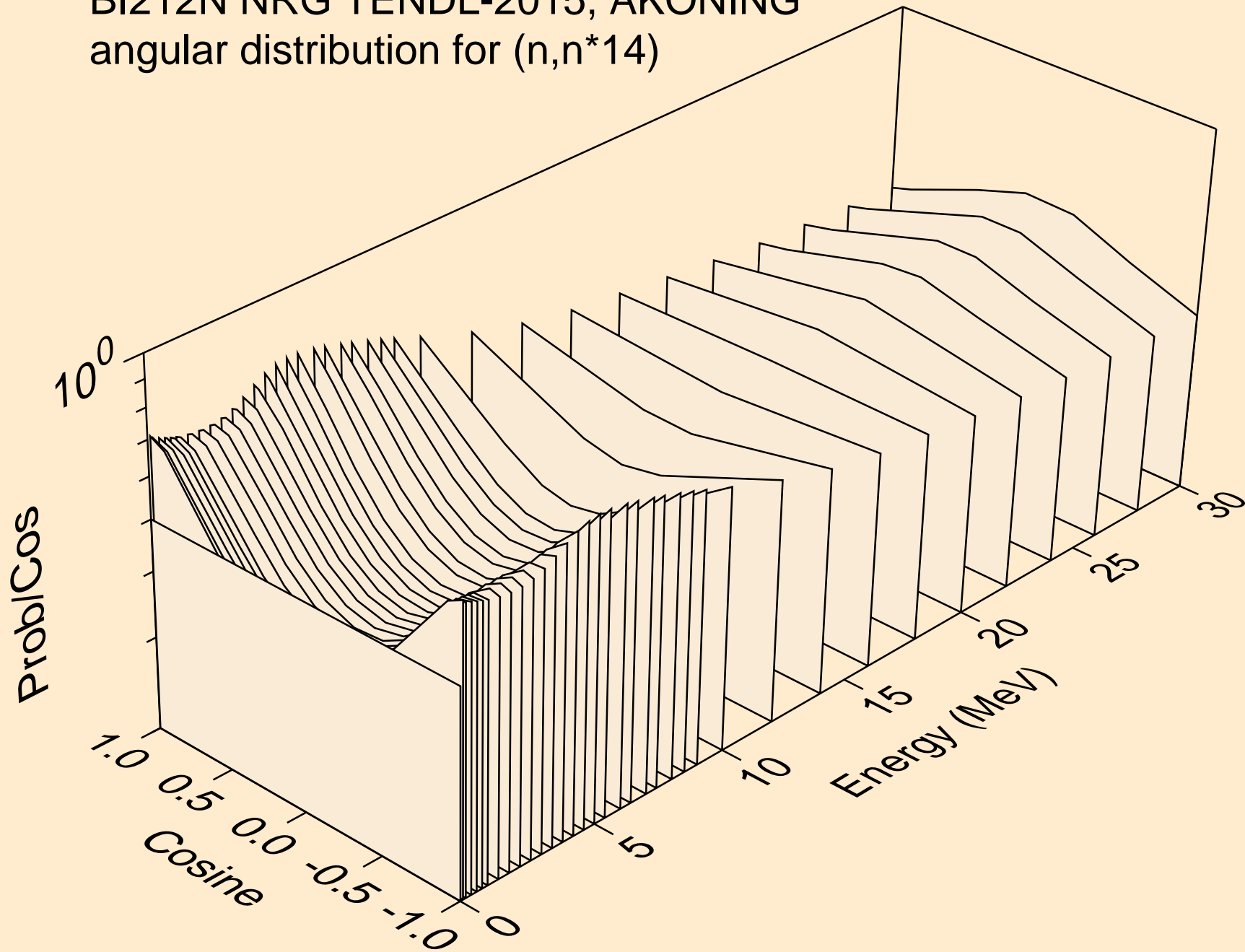
BI212N NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



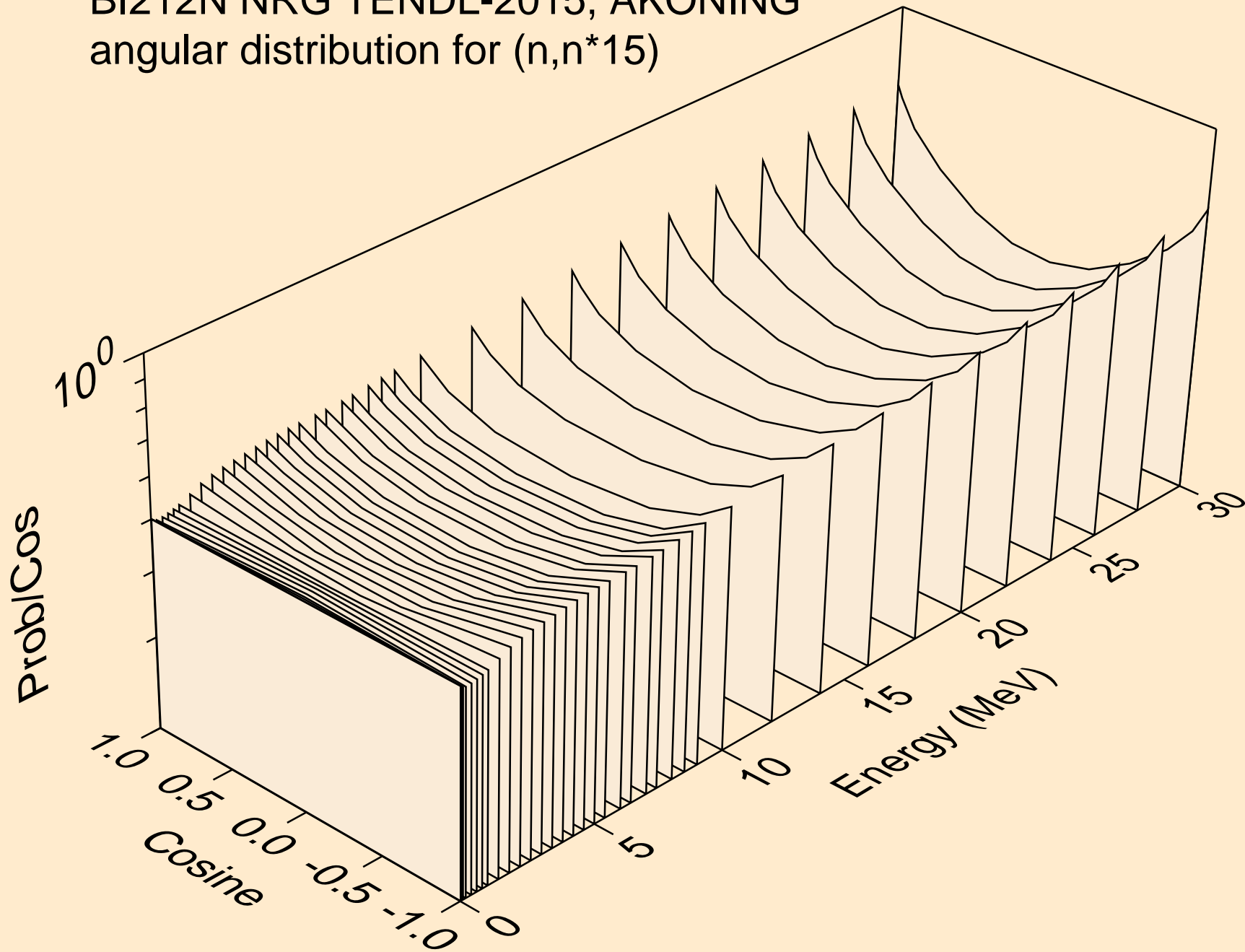
BI212N NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



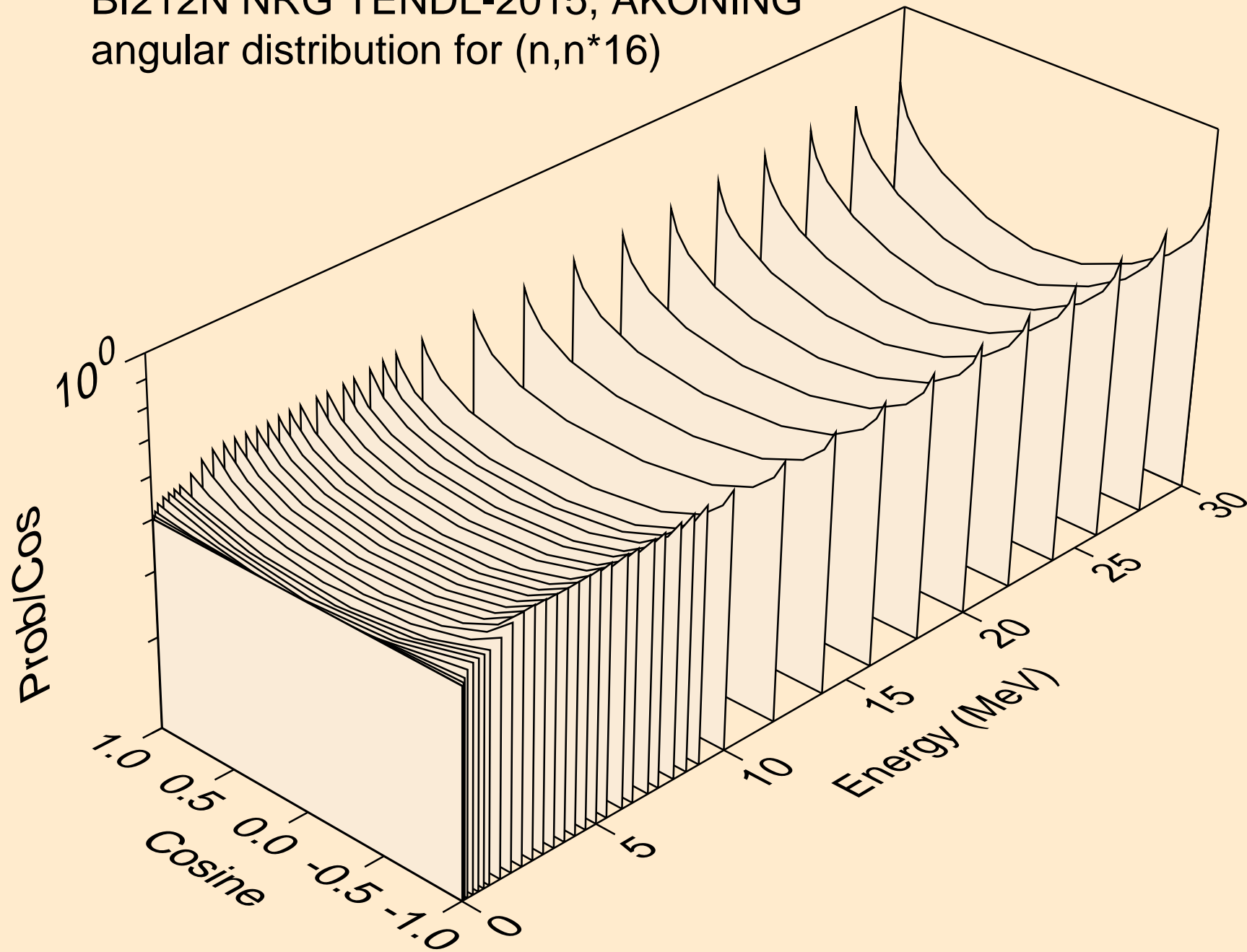
BI212N NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



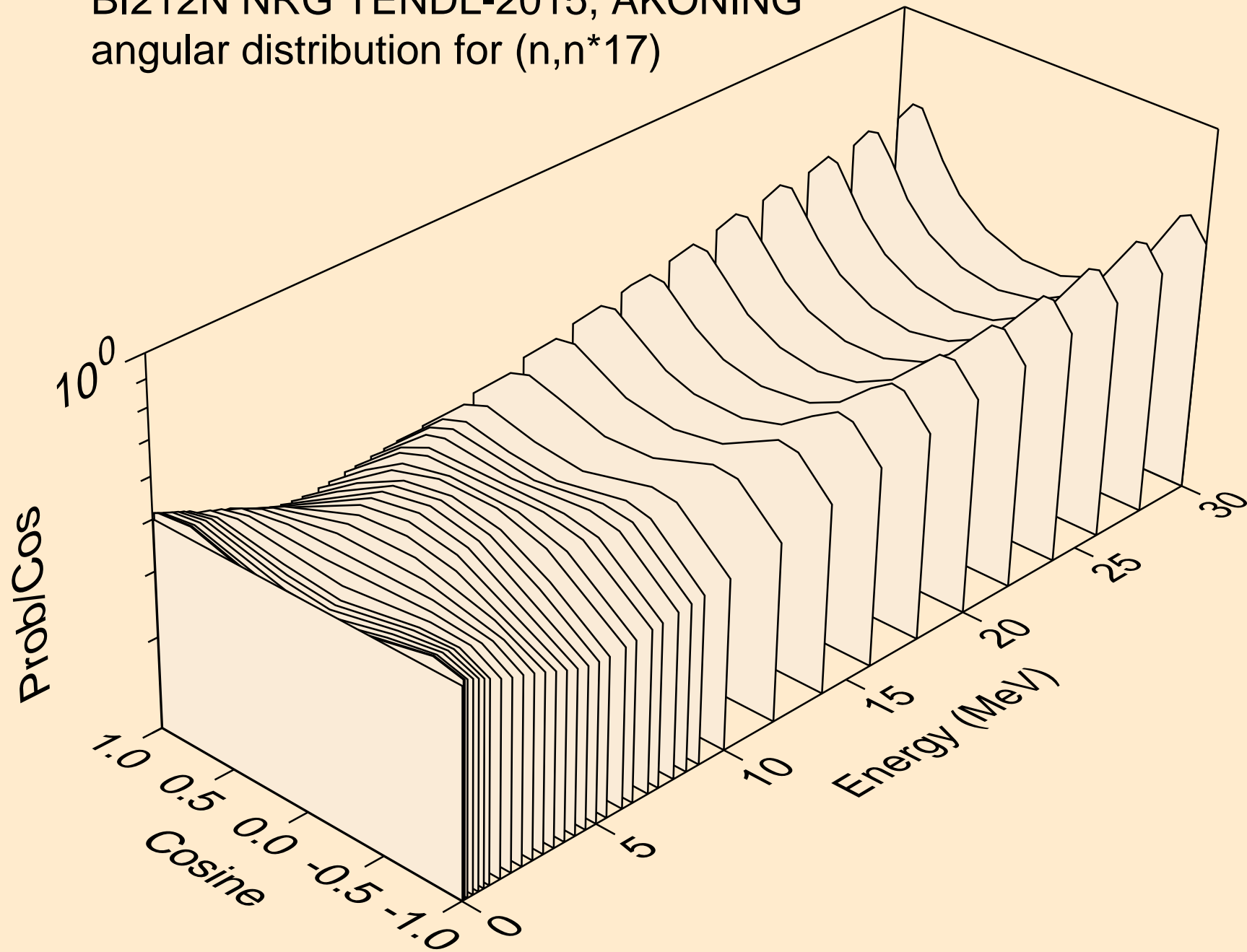
BI212N NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



BI212N NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)

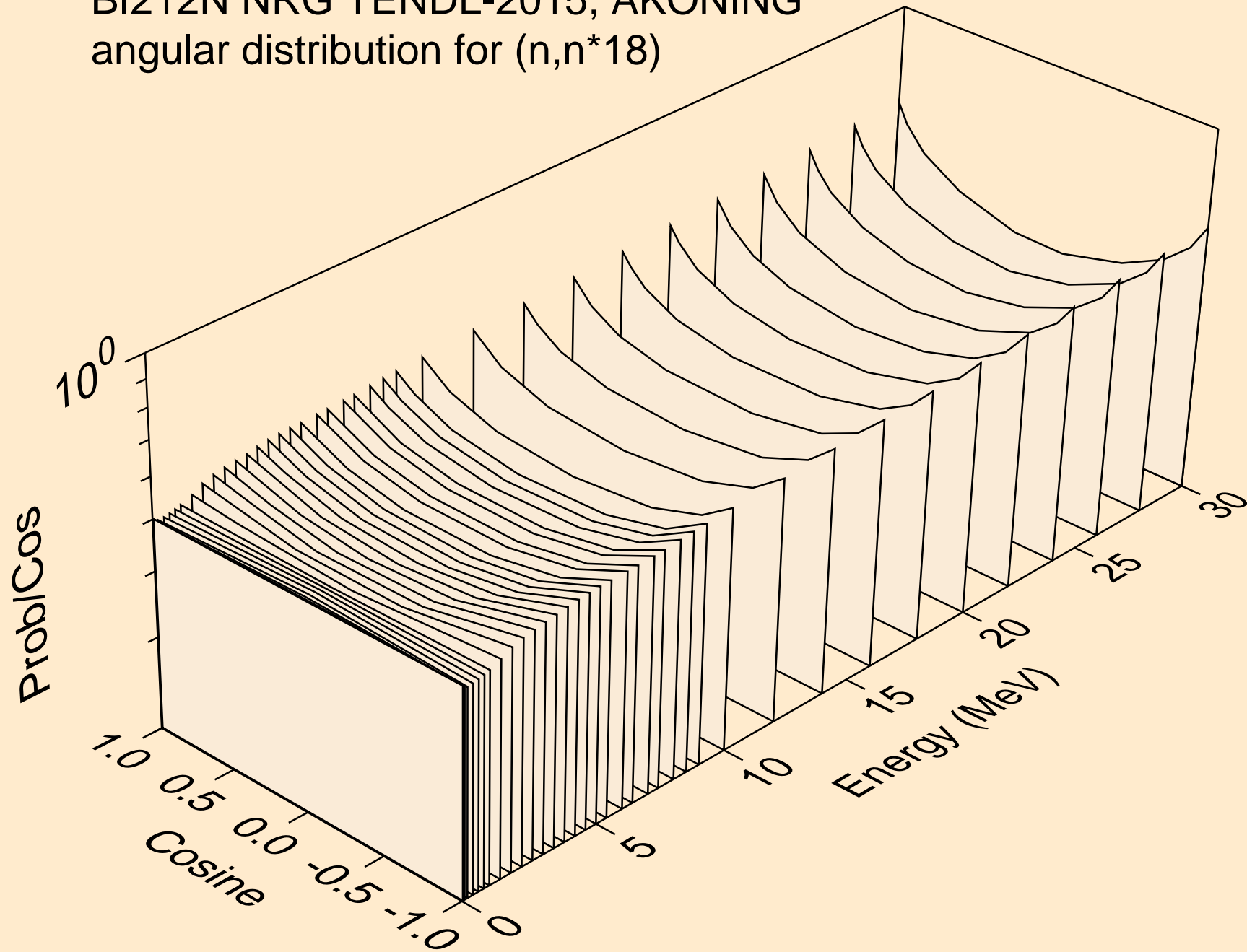


BI212N NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)

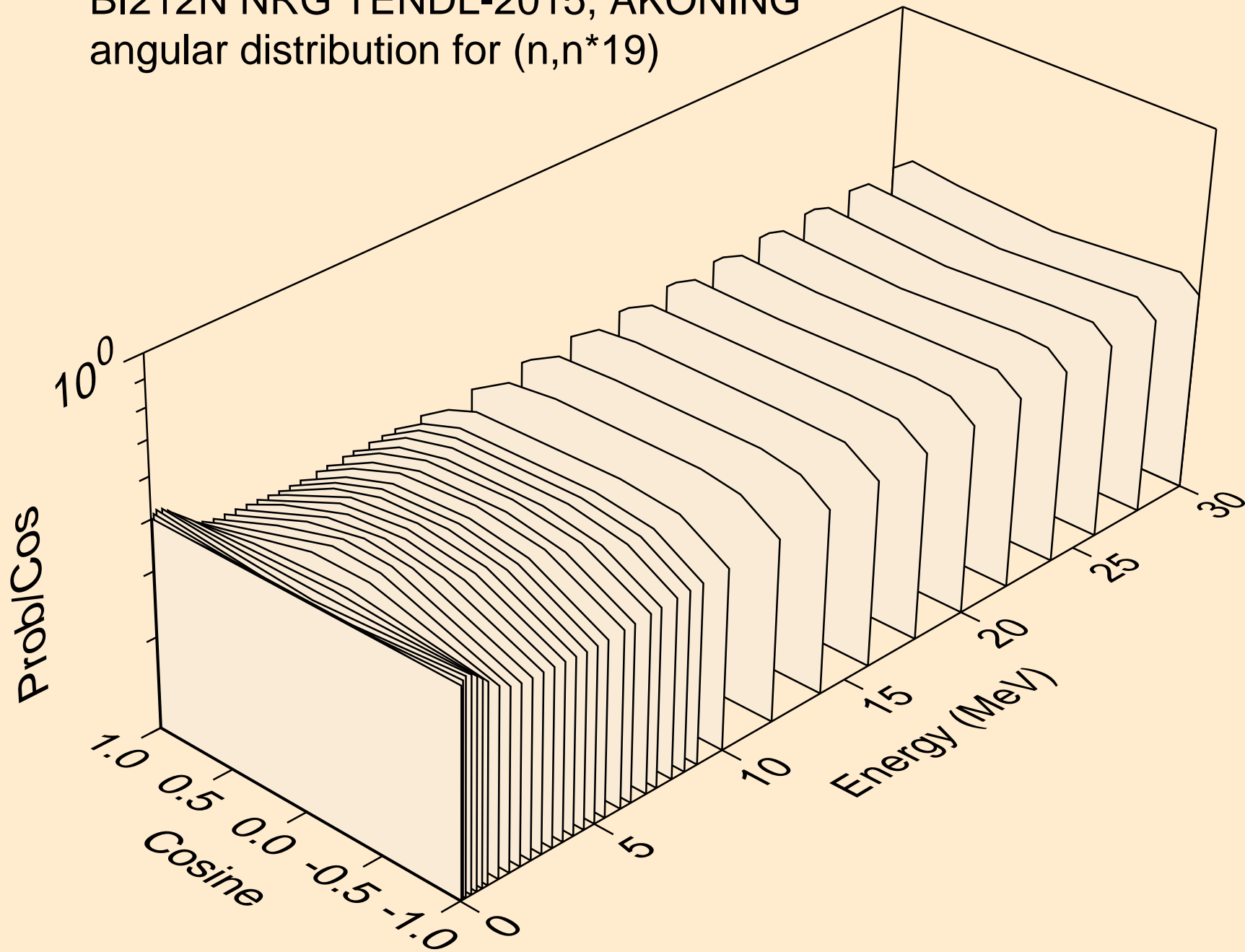




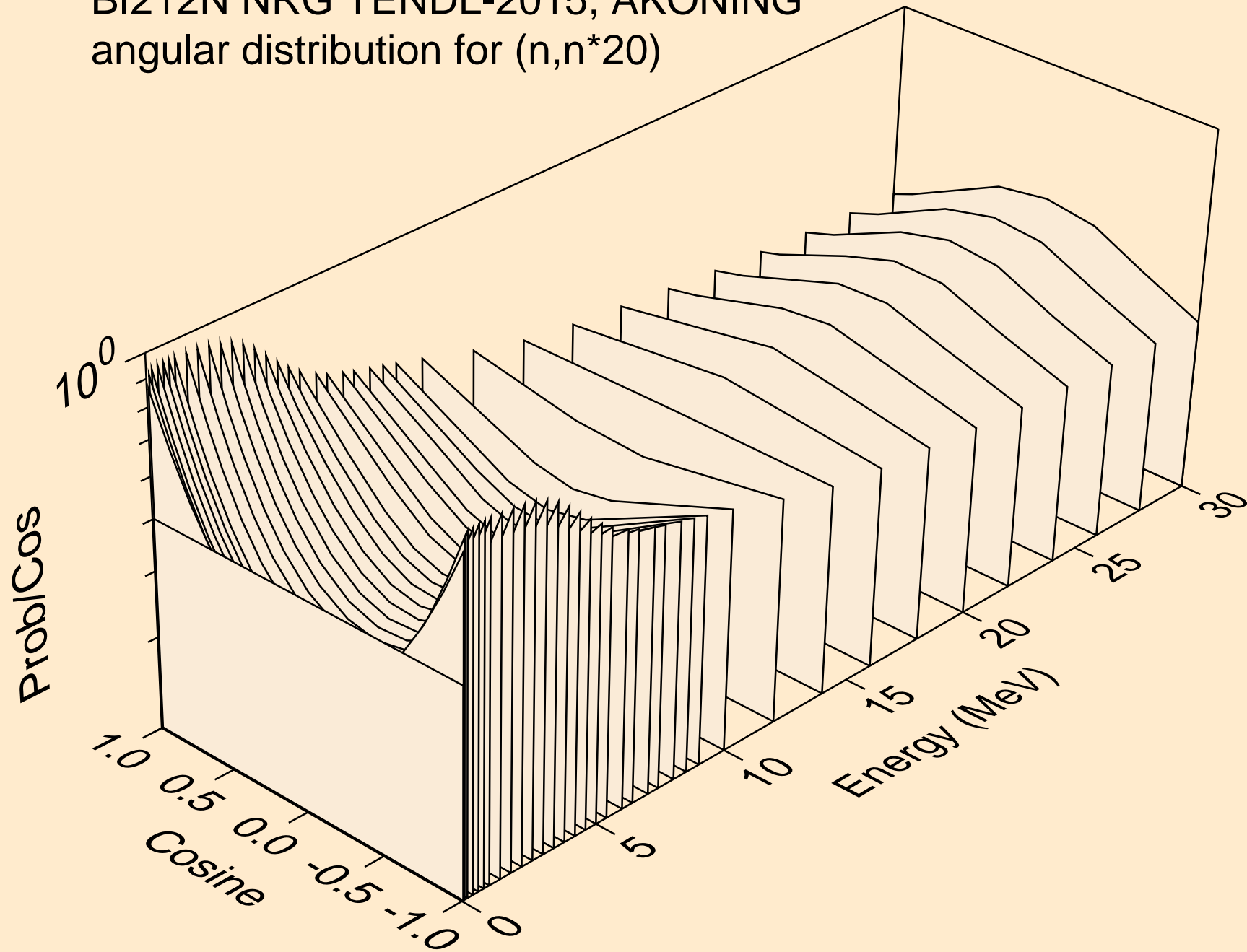
BI212N NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



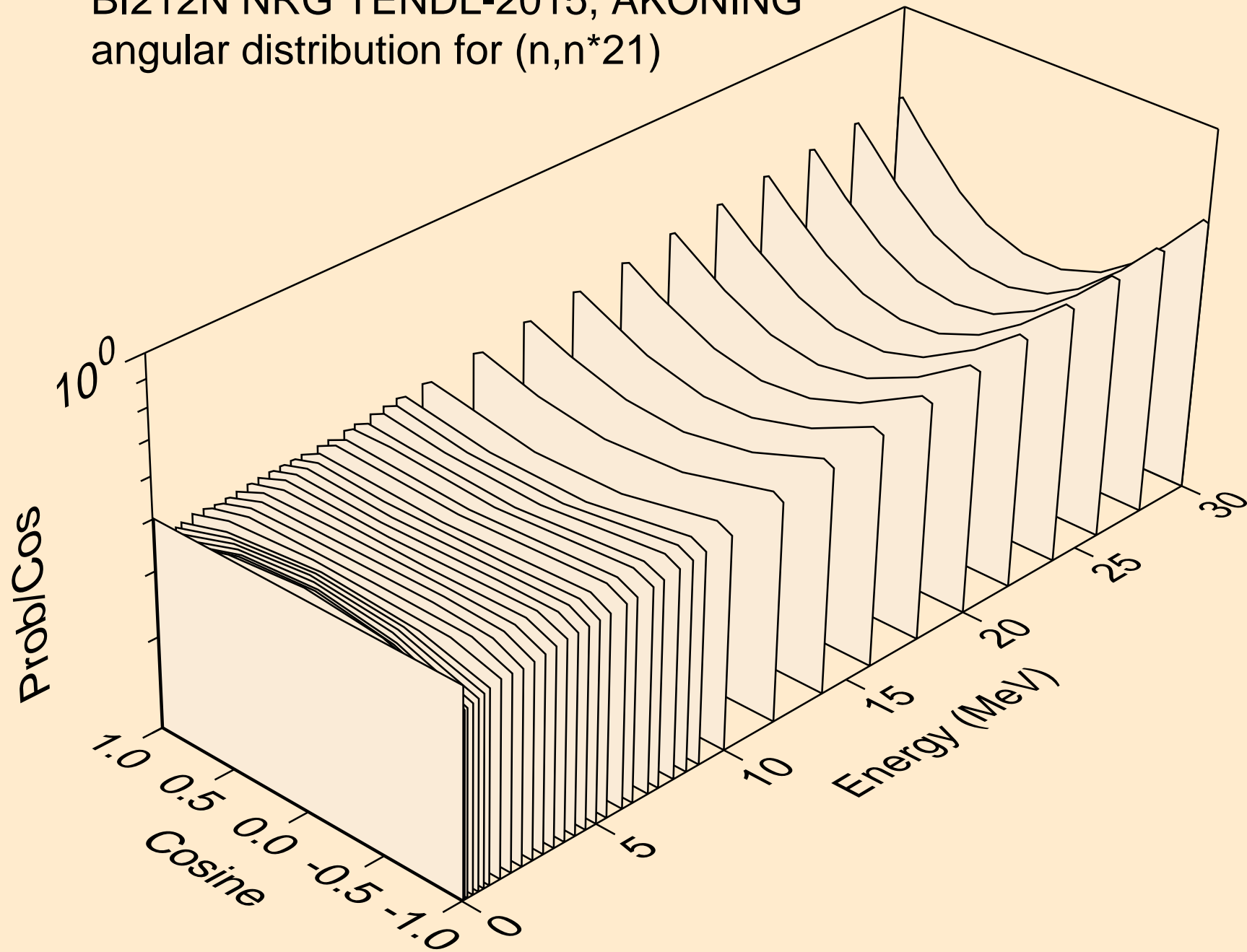
BI212N NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



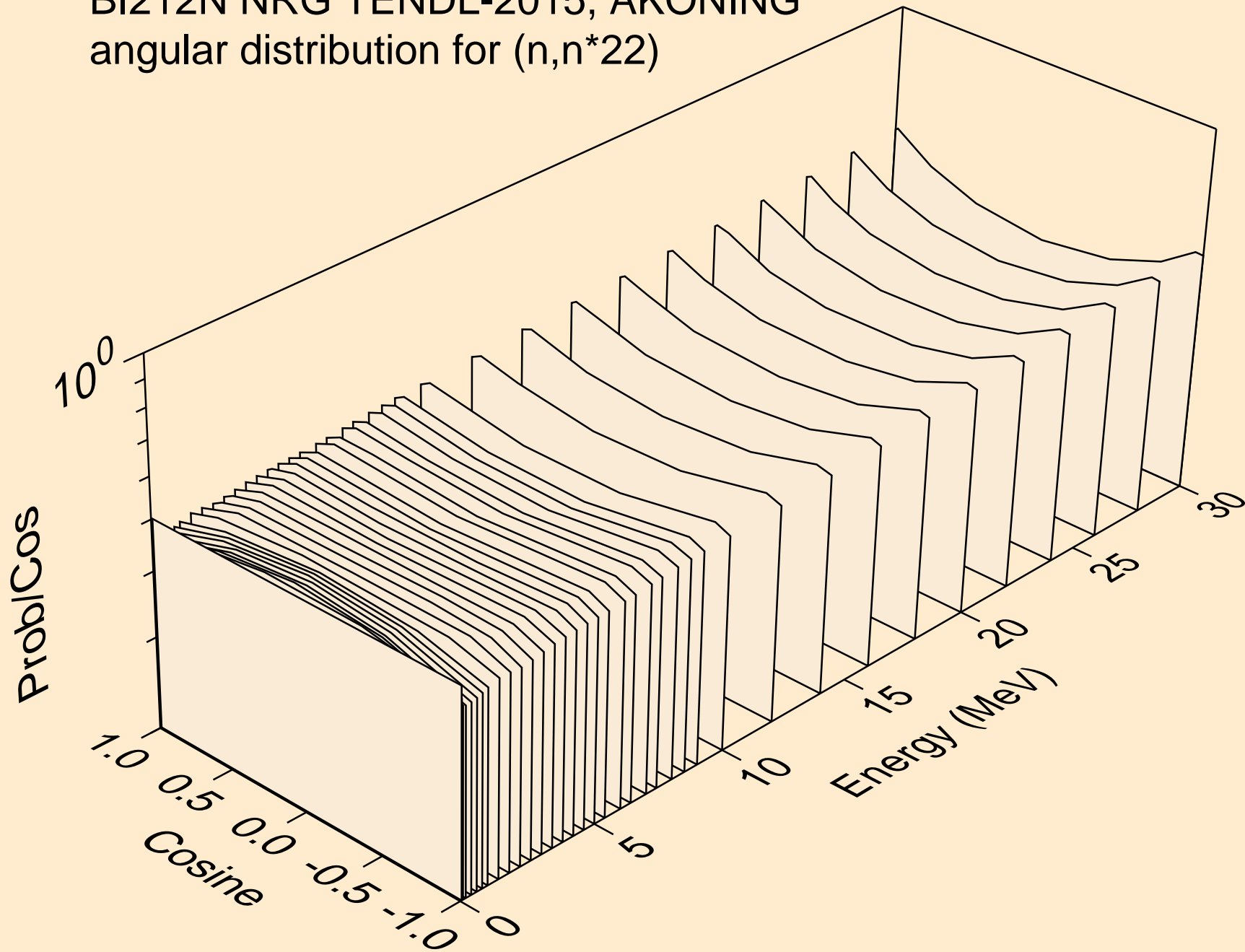
BI212N NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



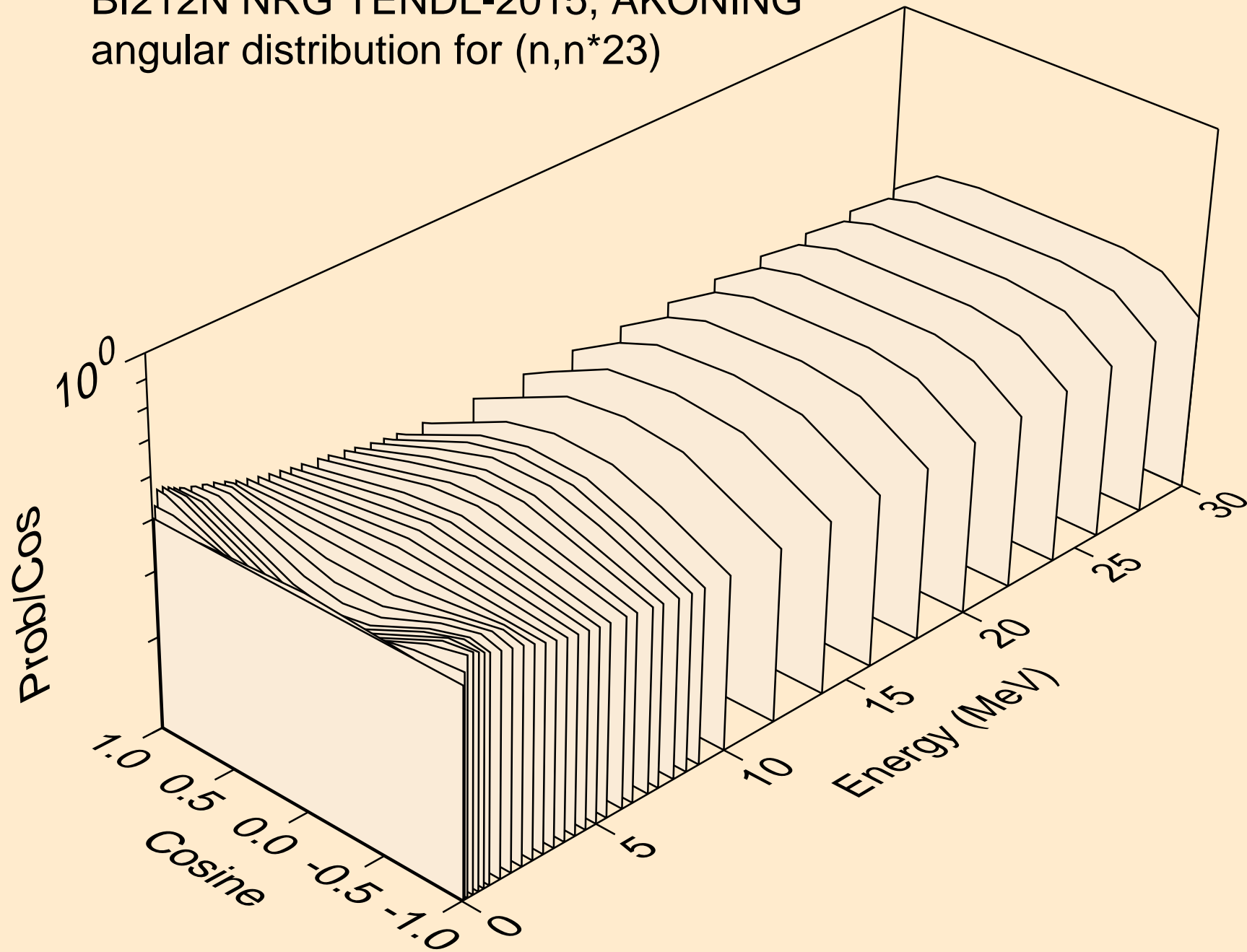
BI212N NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



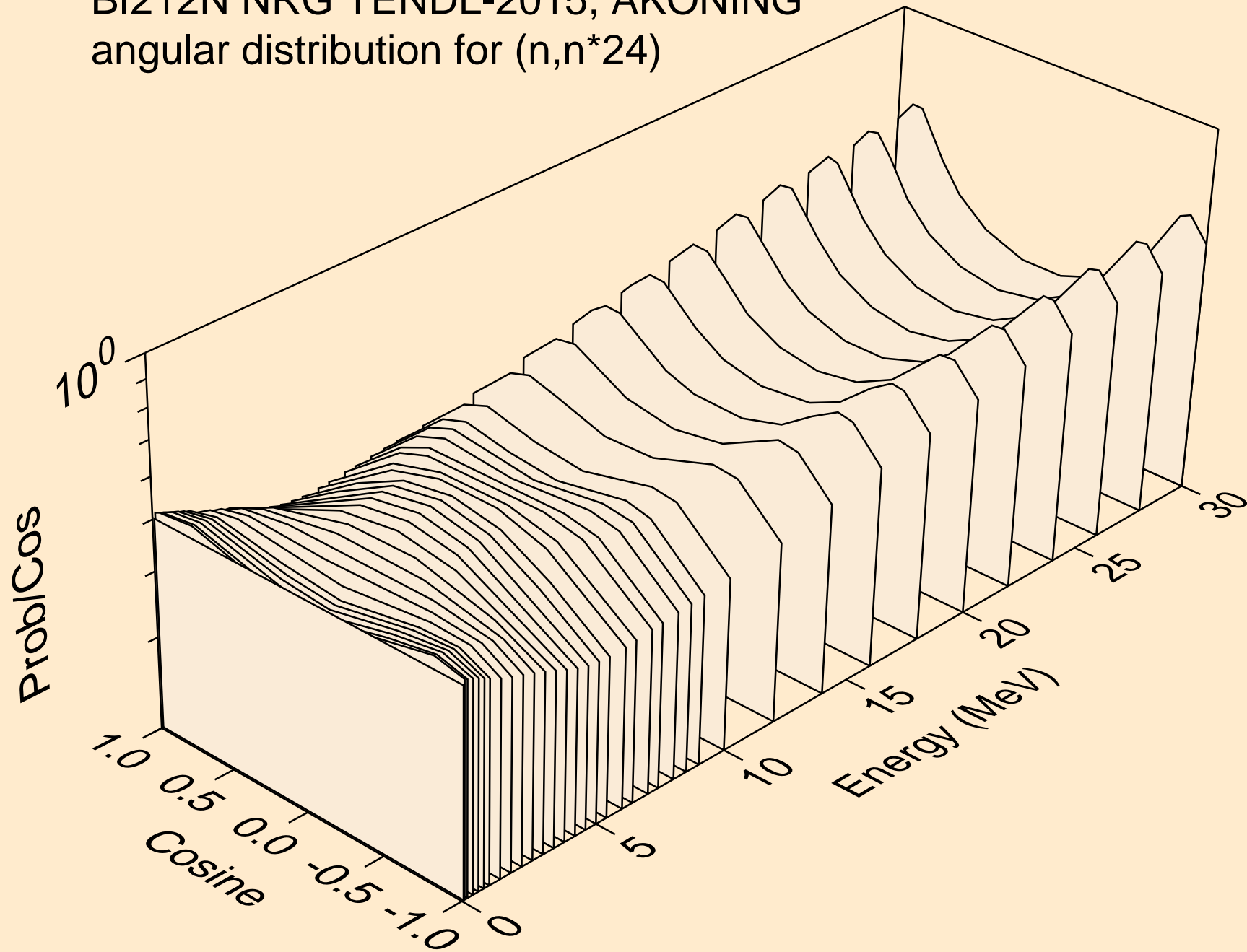
BI212N NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



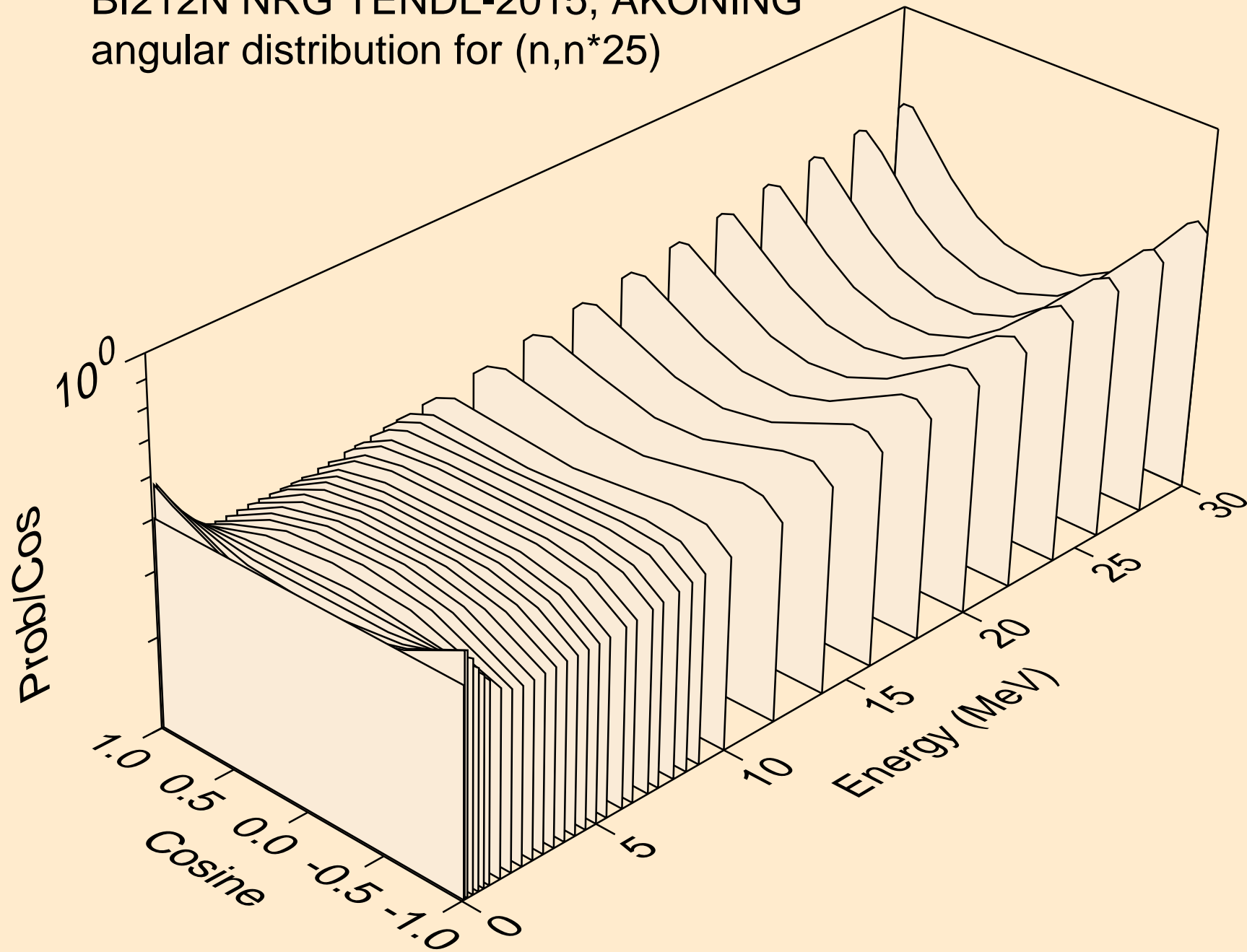
BI212N NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



BI212N NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)

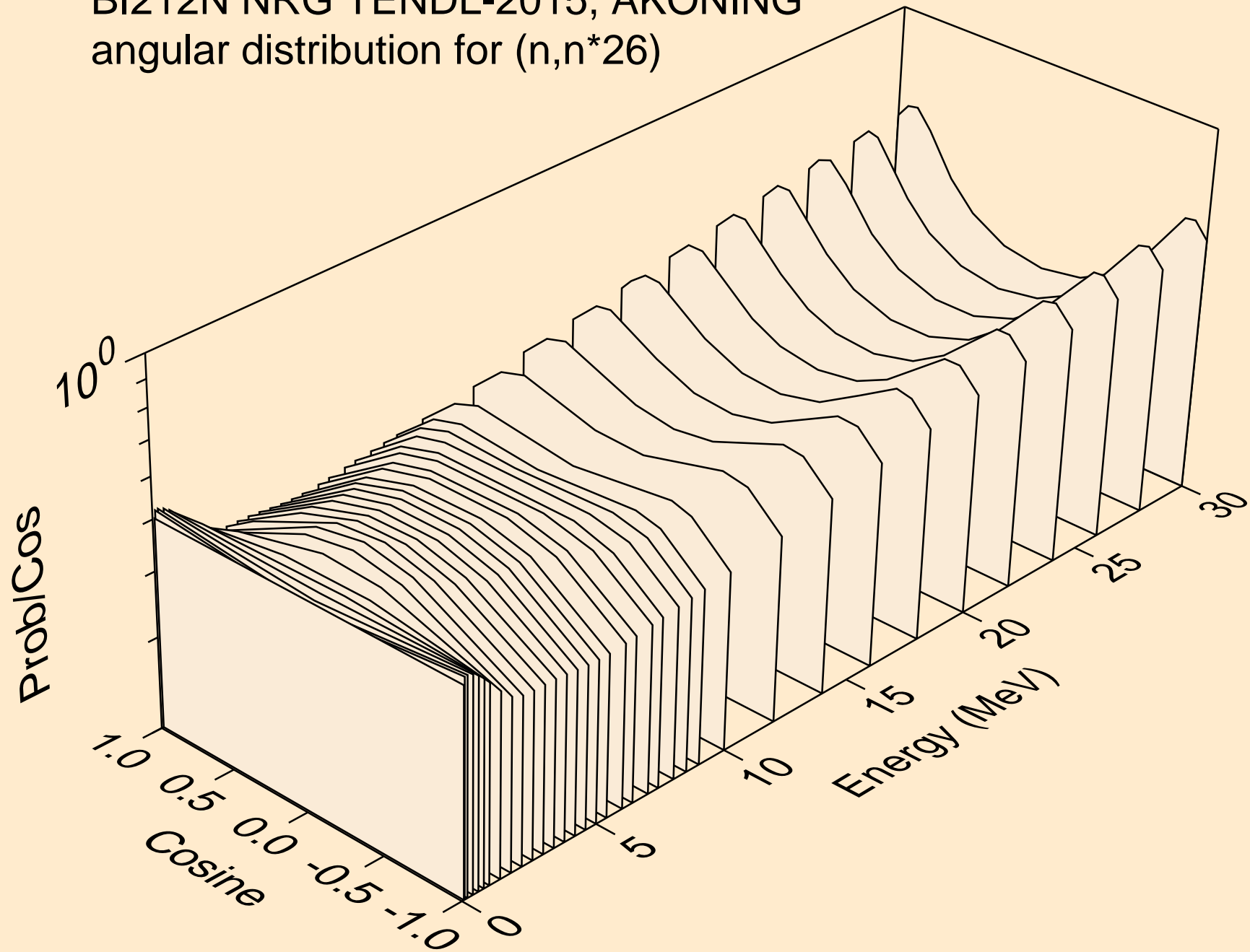


BI212N NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)

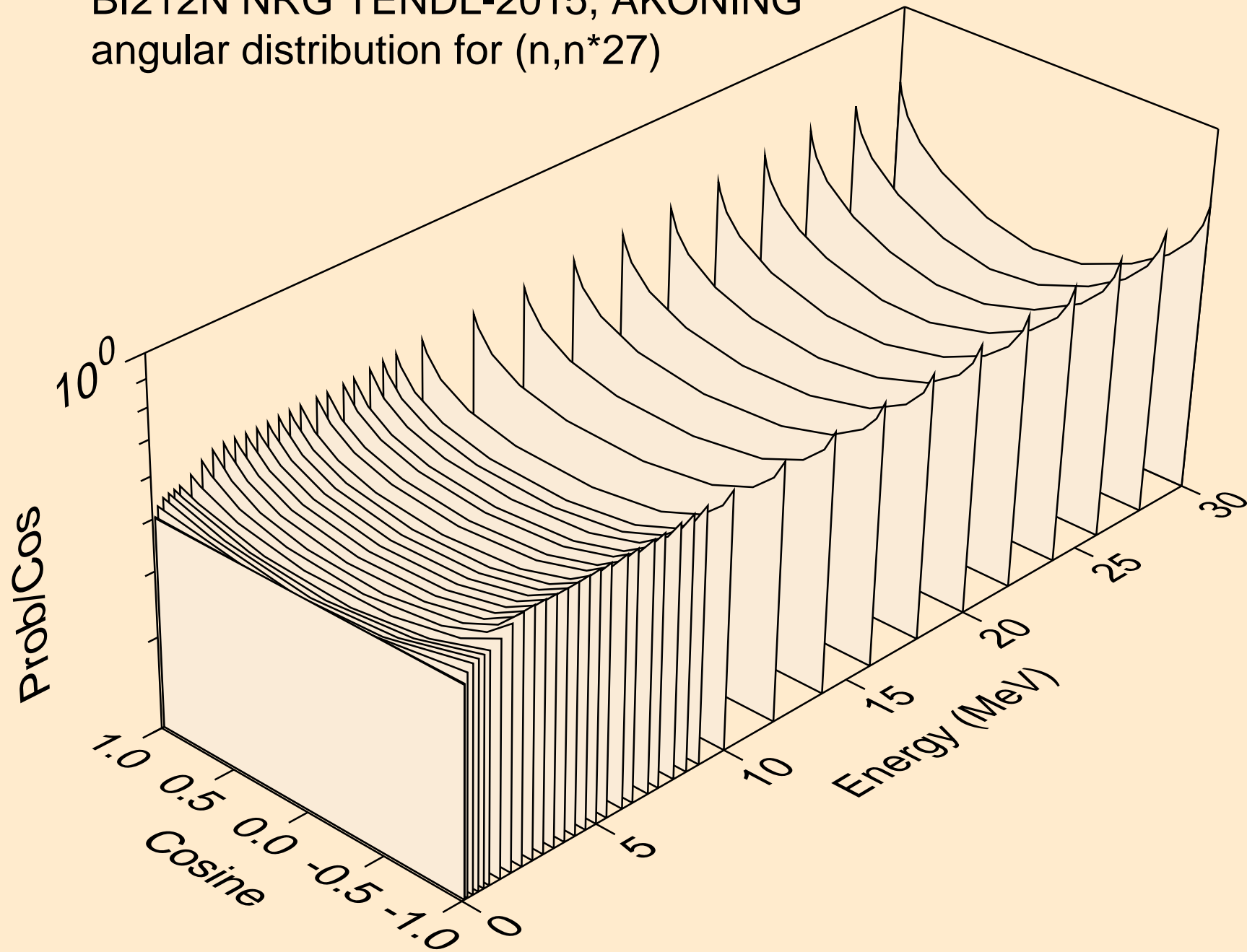




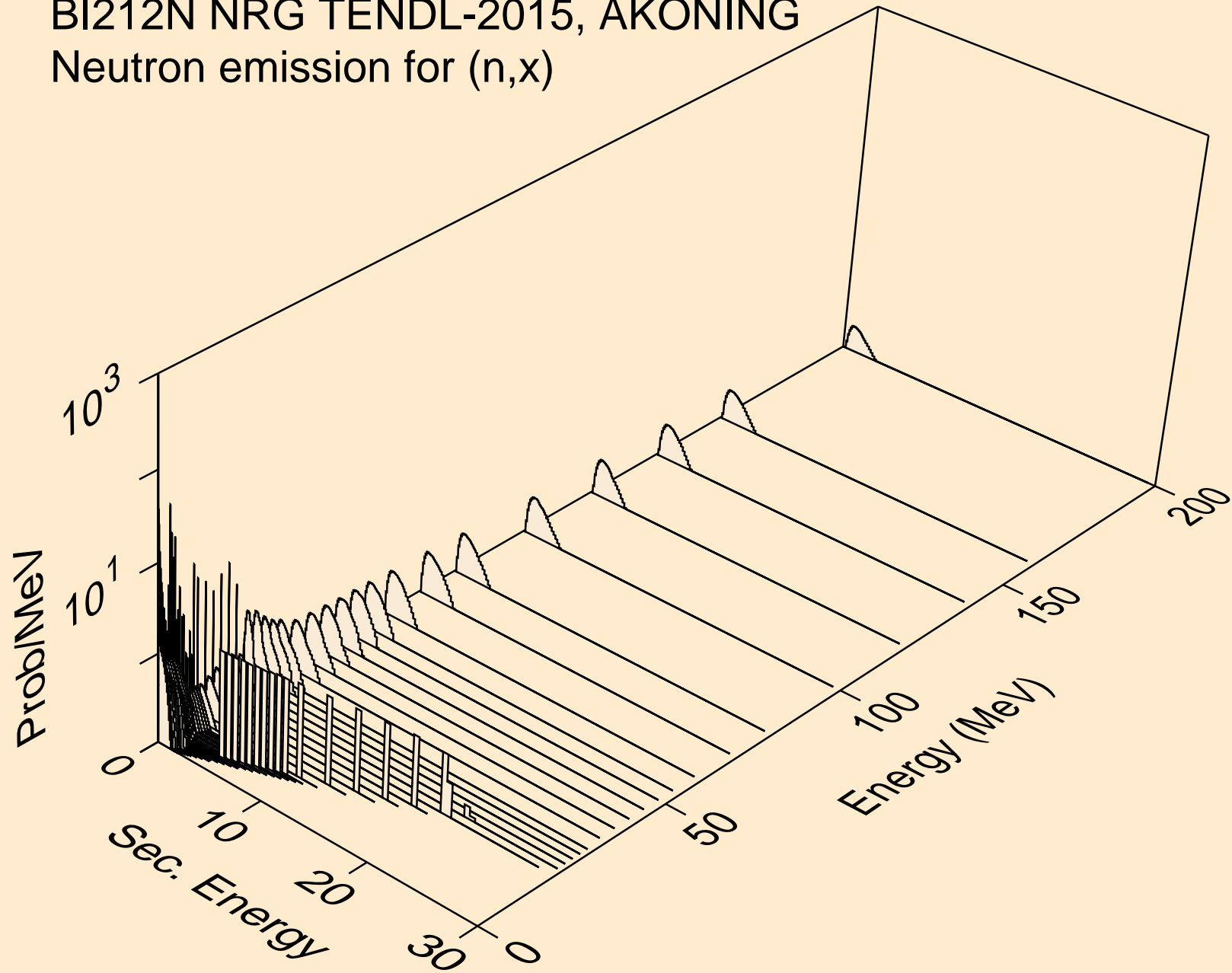
BI212N NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



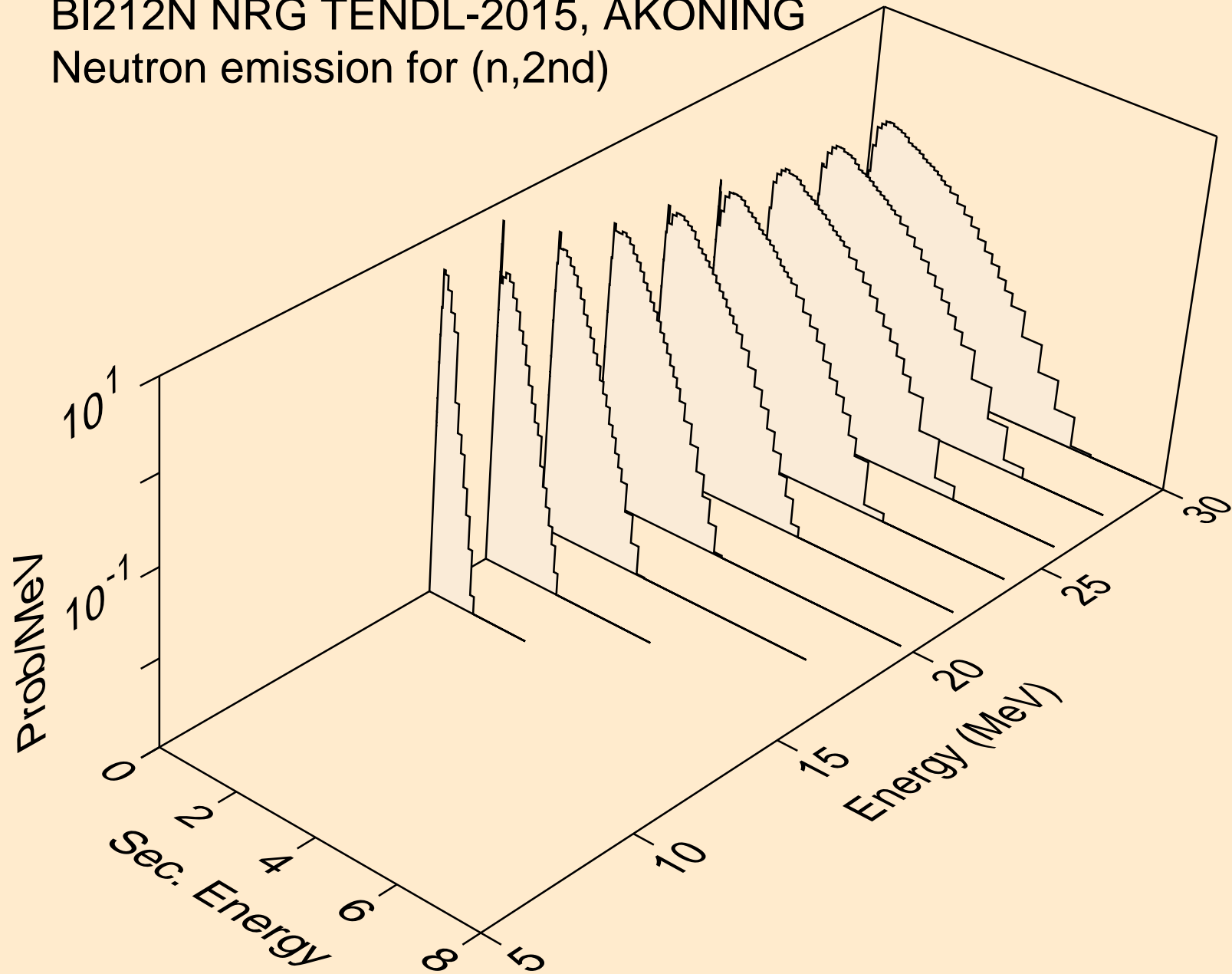
BI212N NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



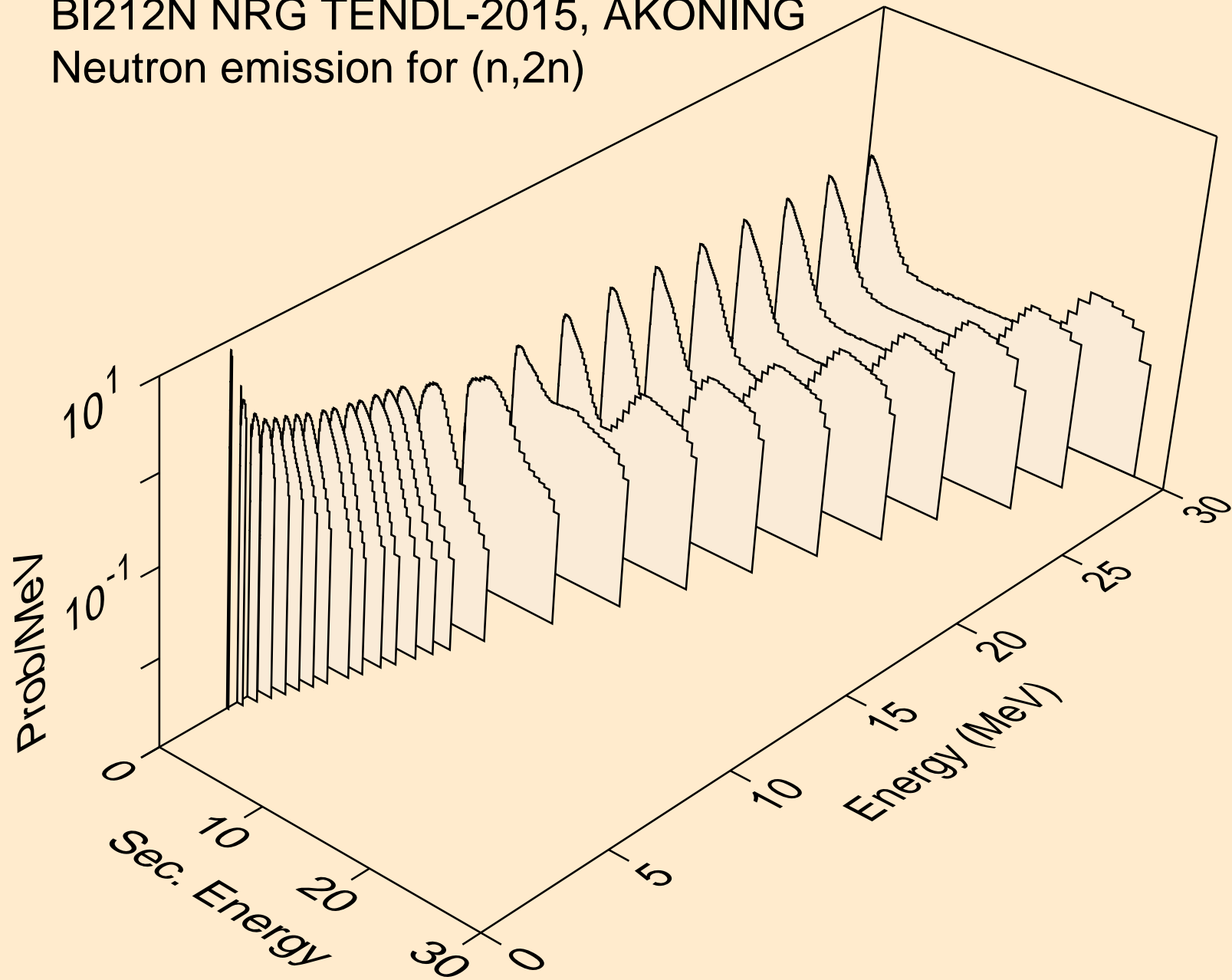
BI212N NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



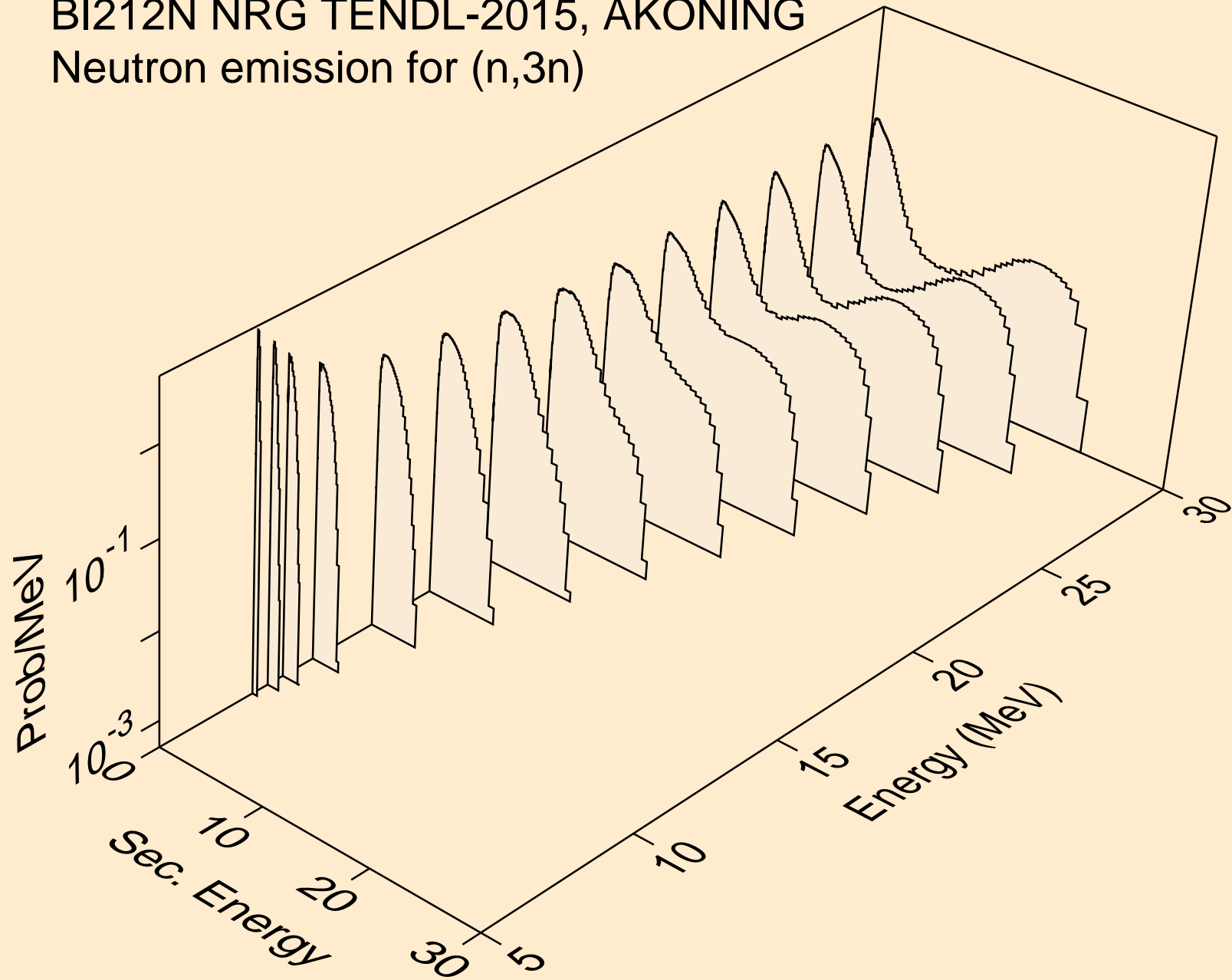
BI212N NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



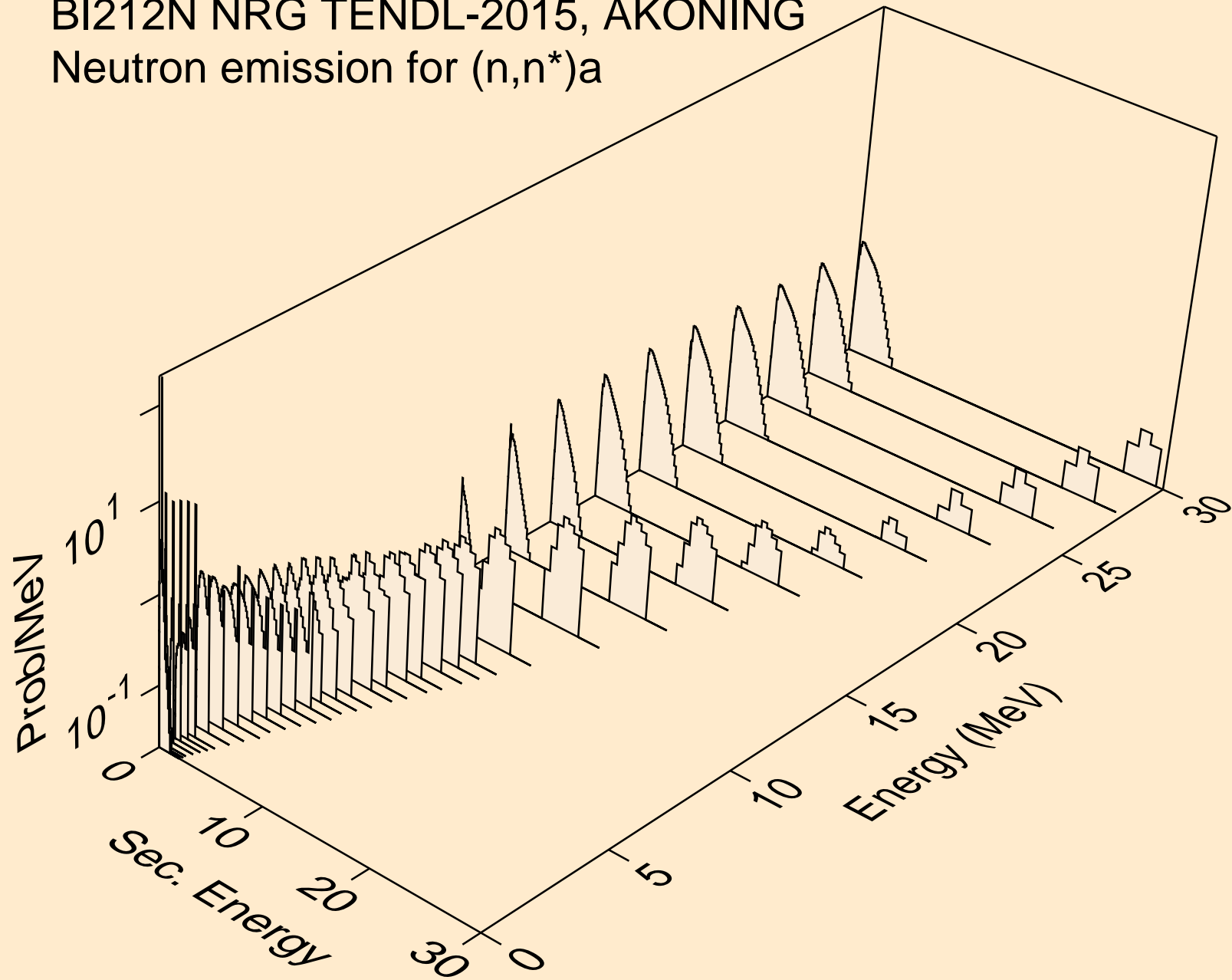
BI212N NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



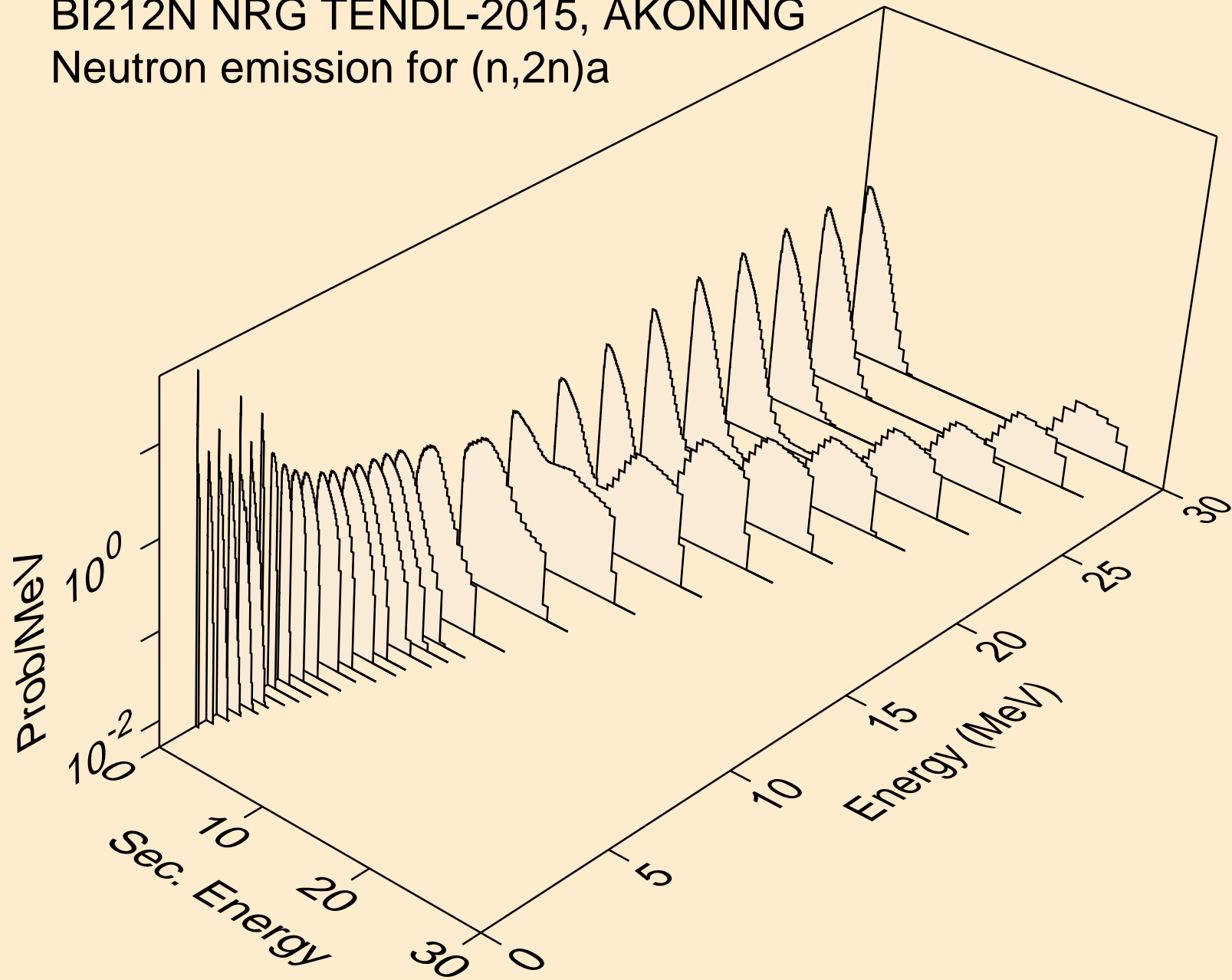
BI212N NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



BI212N NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a

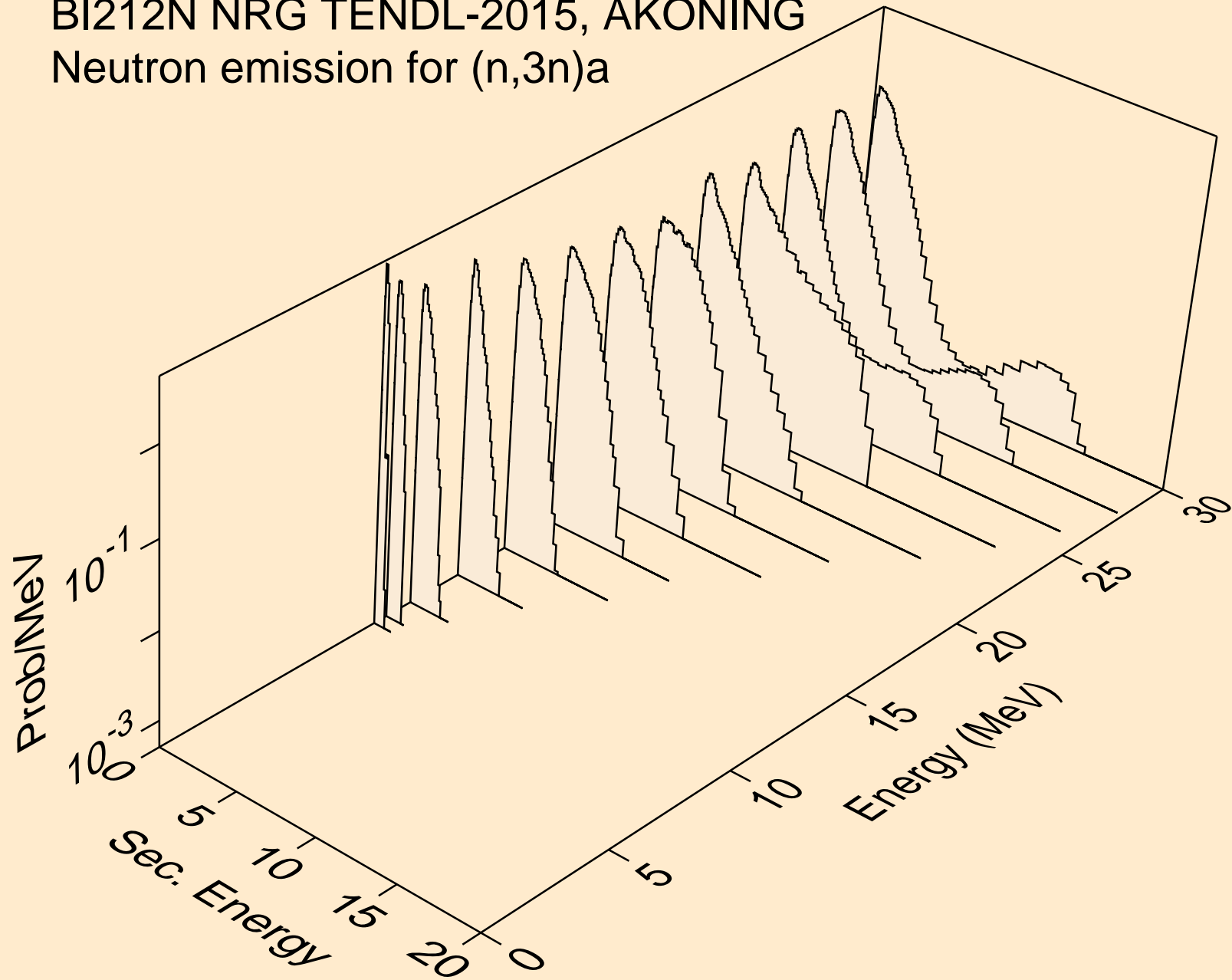


BI212N NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a

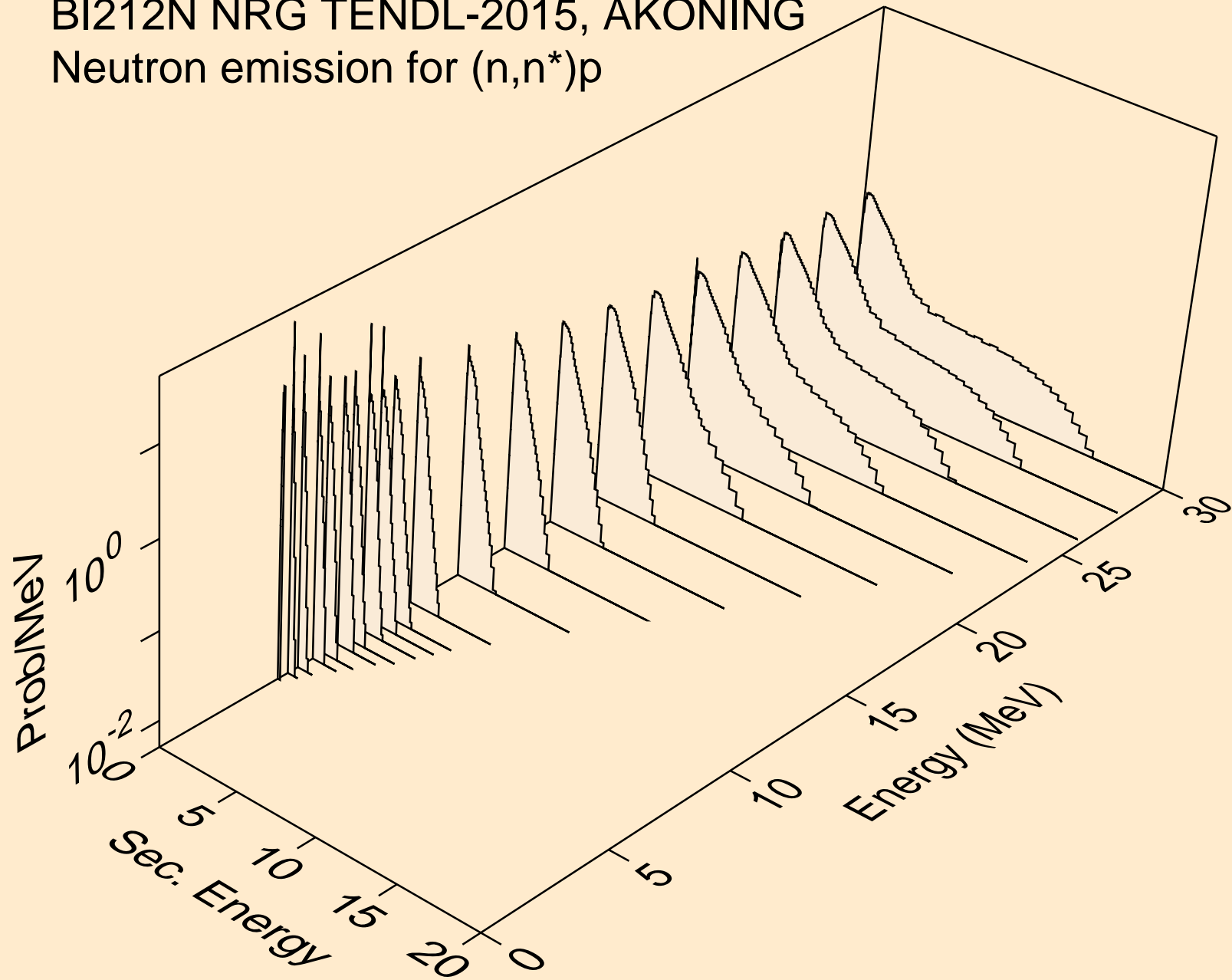




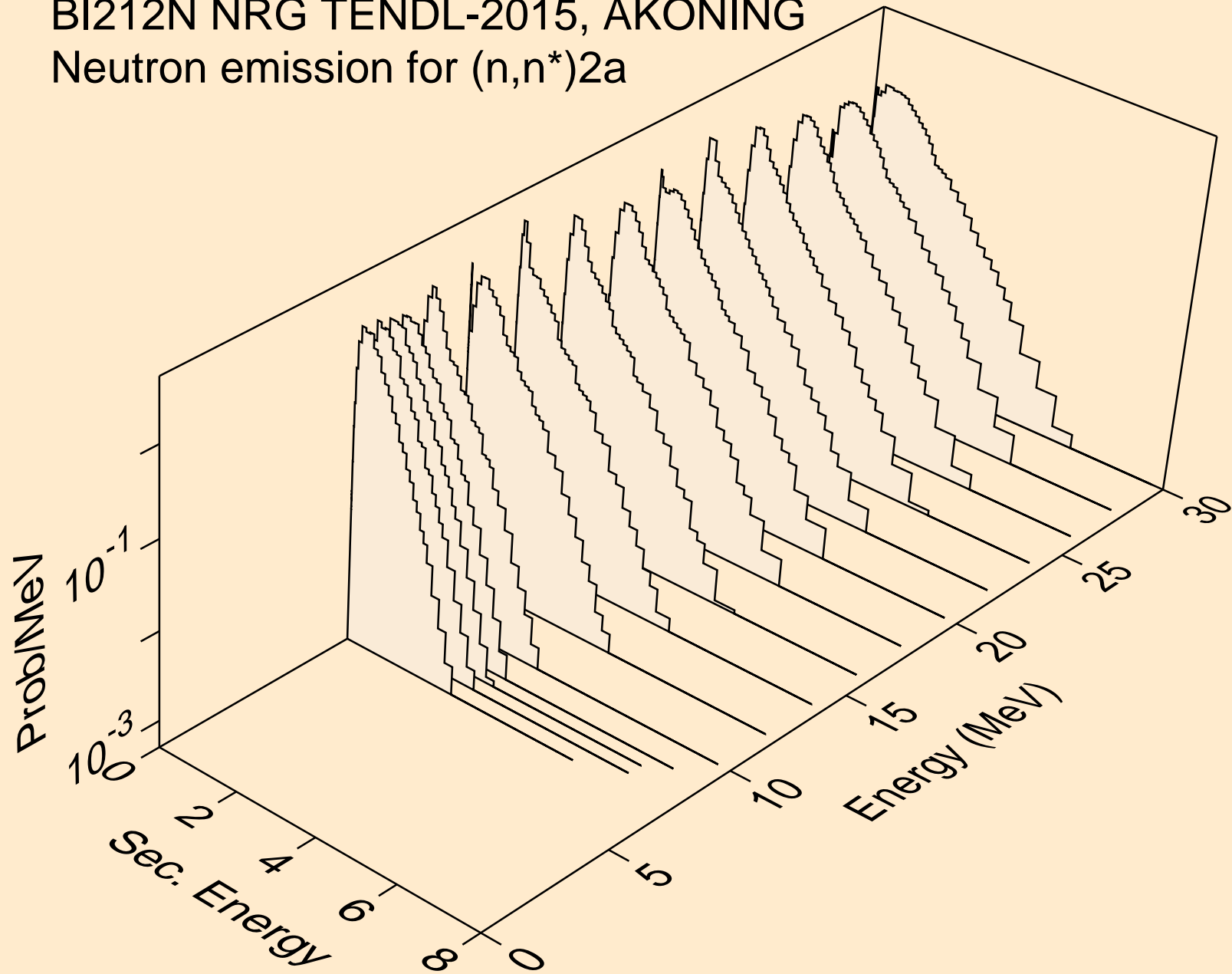
BI212N NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



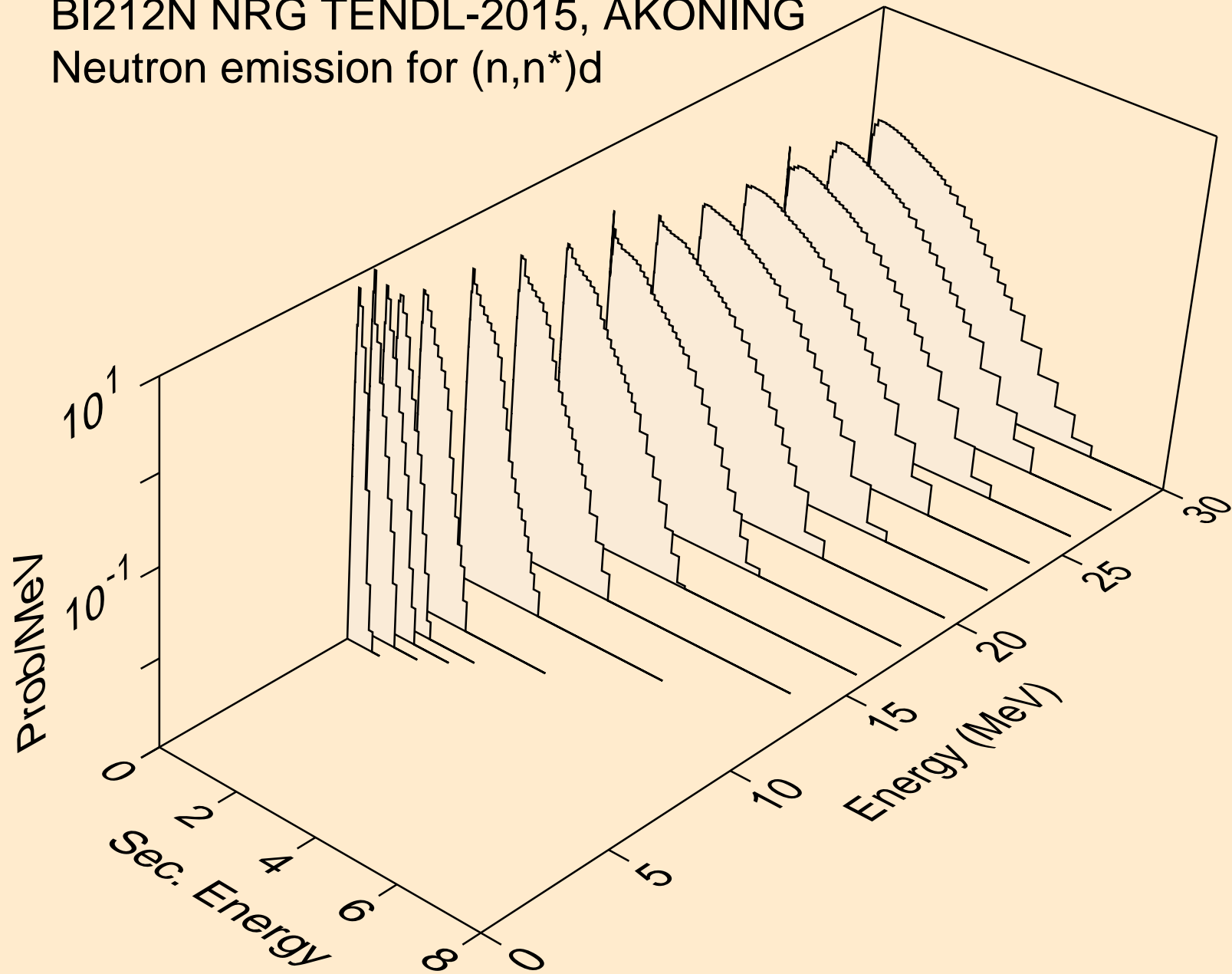
BI212N NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



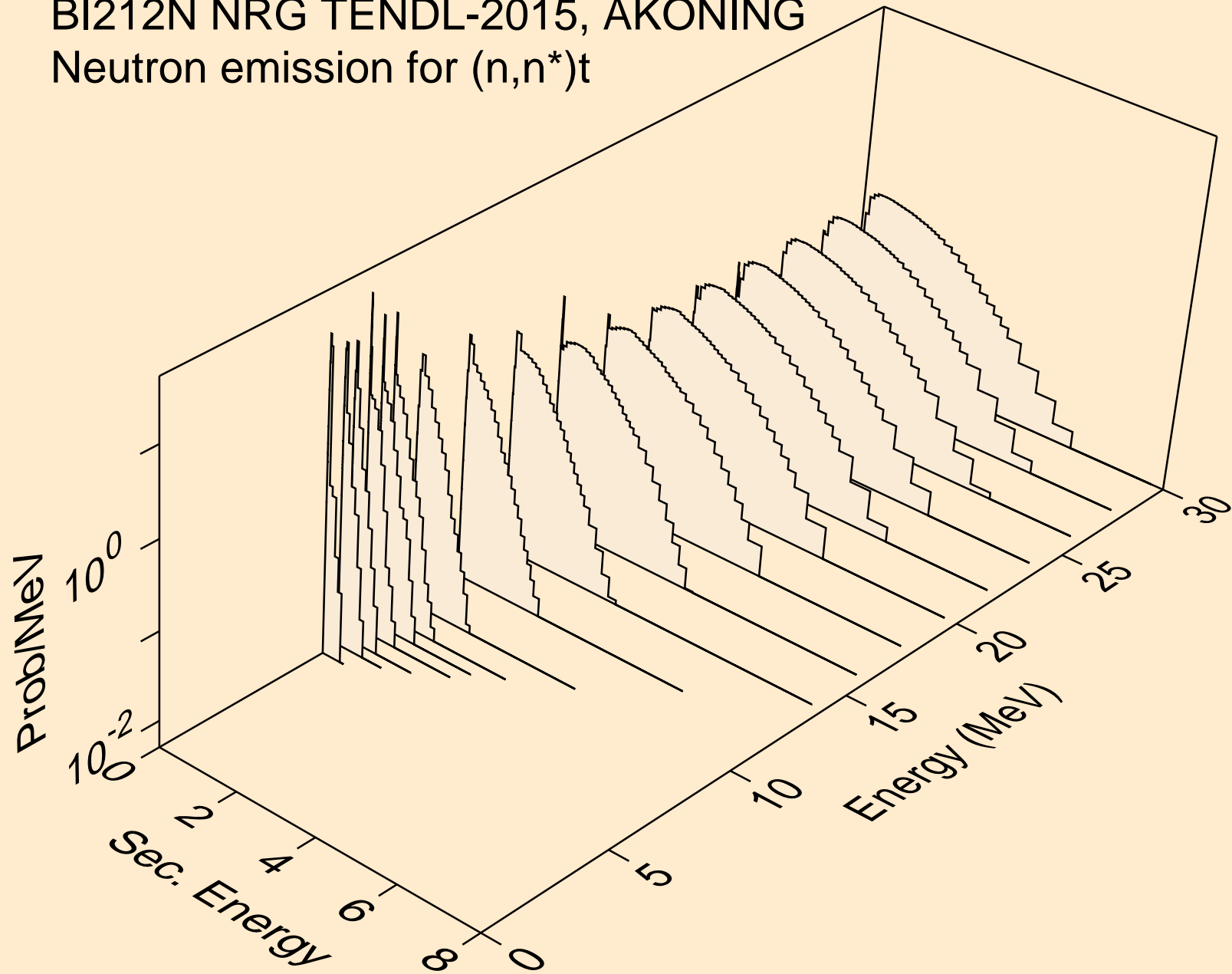
BI212N NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



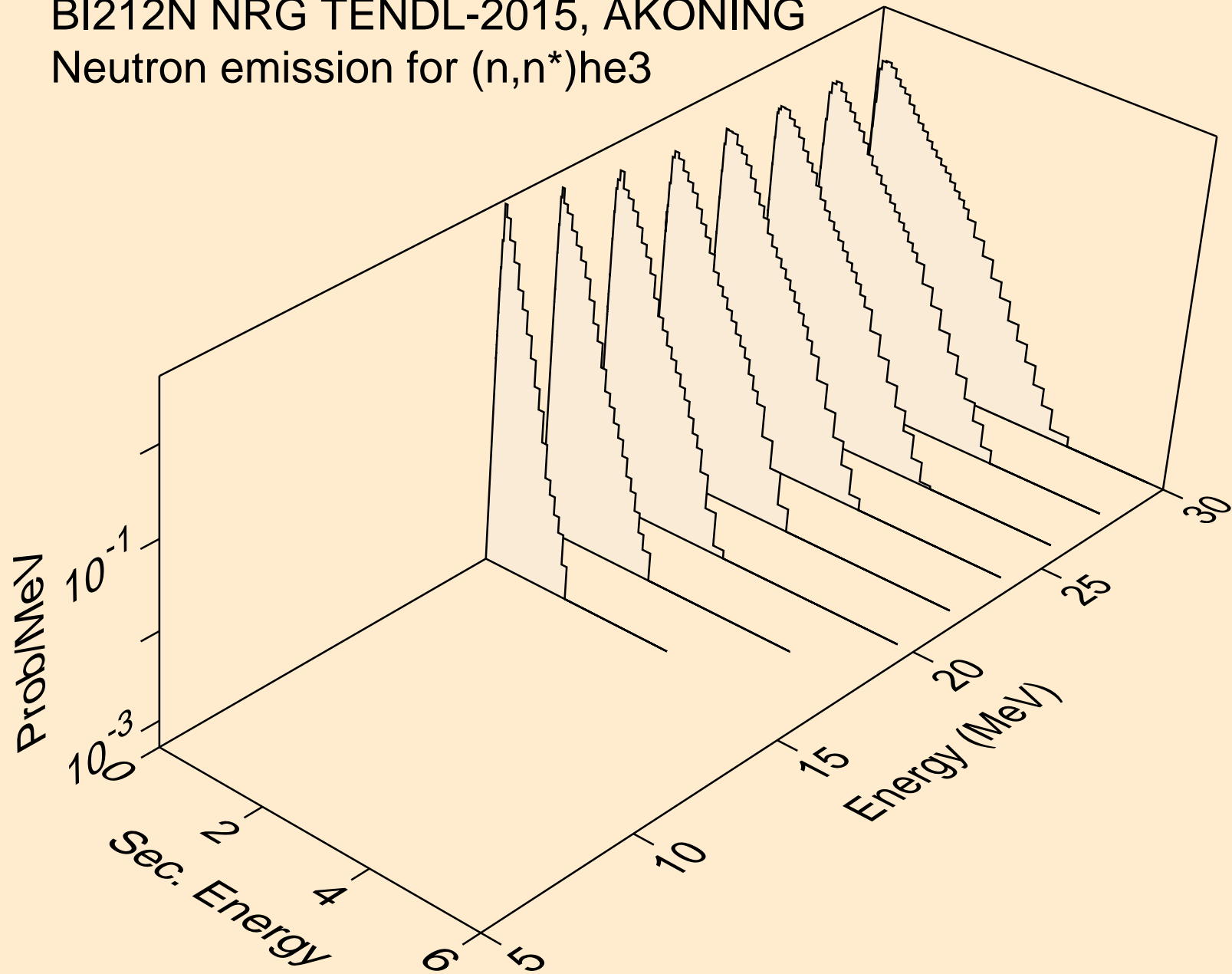
BI212N NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



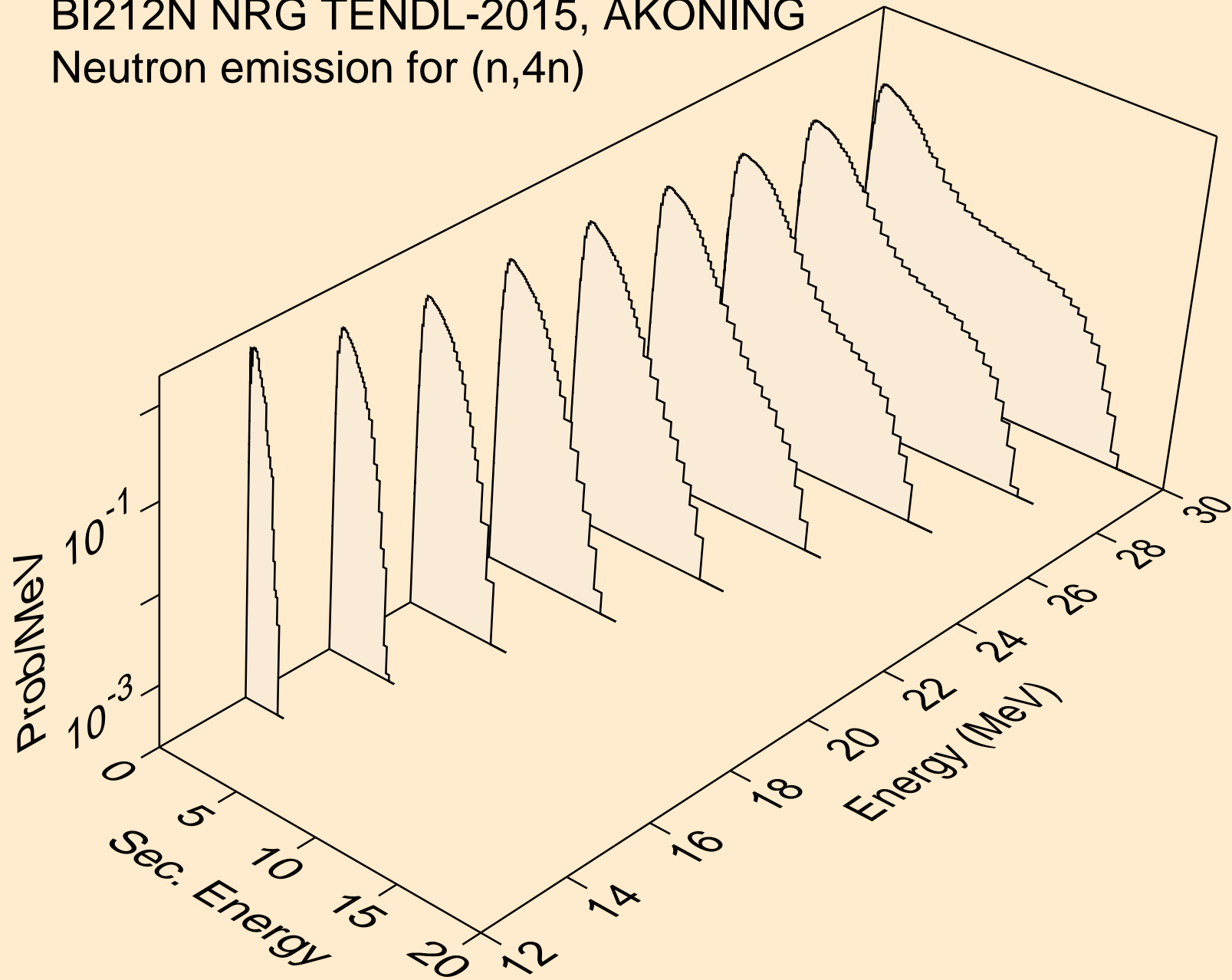
BI212N NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



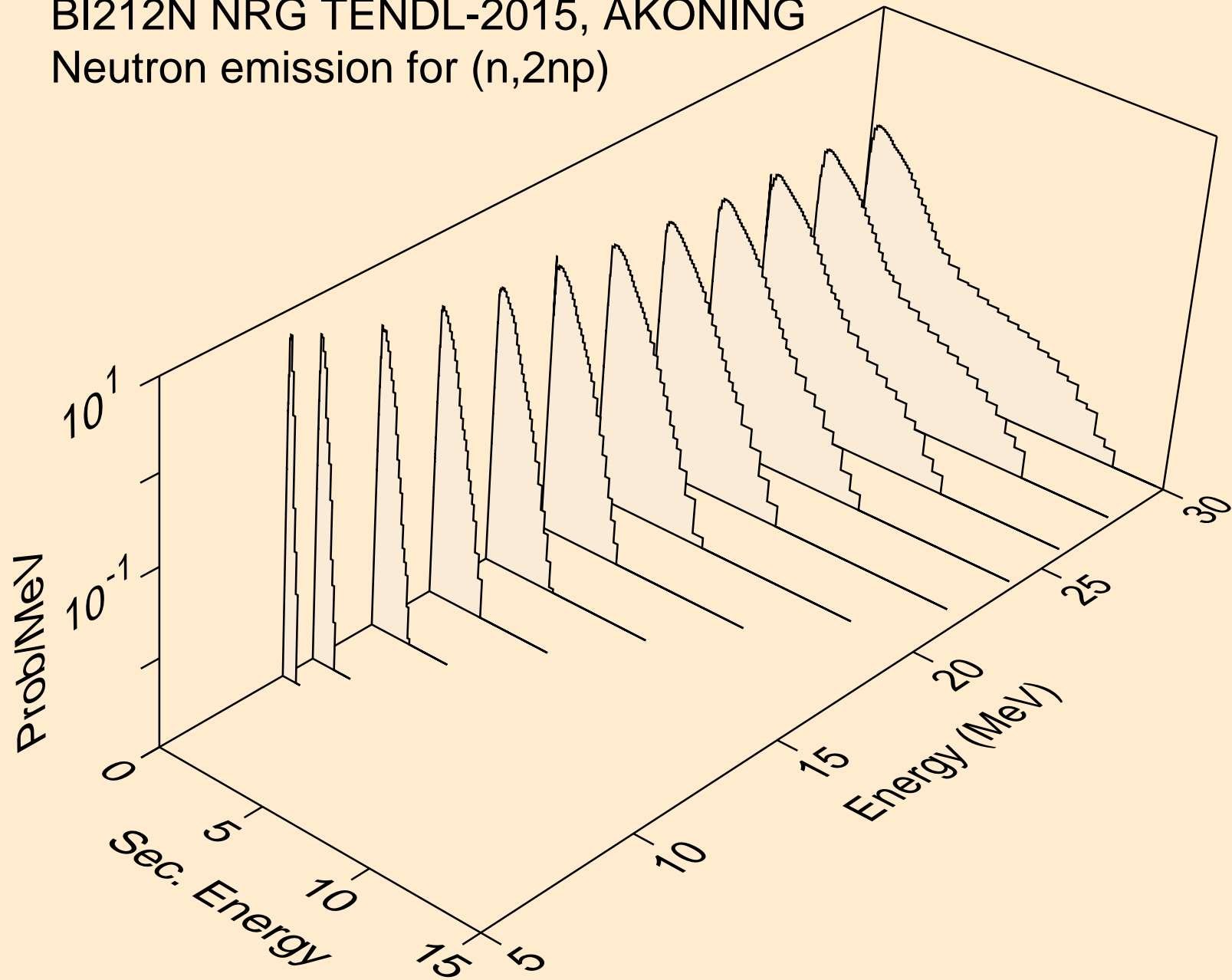
BI212N NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



BI212N NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)

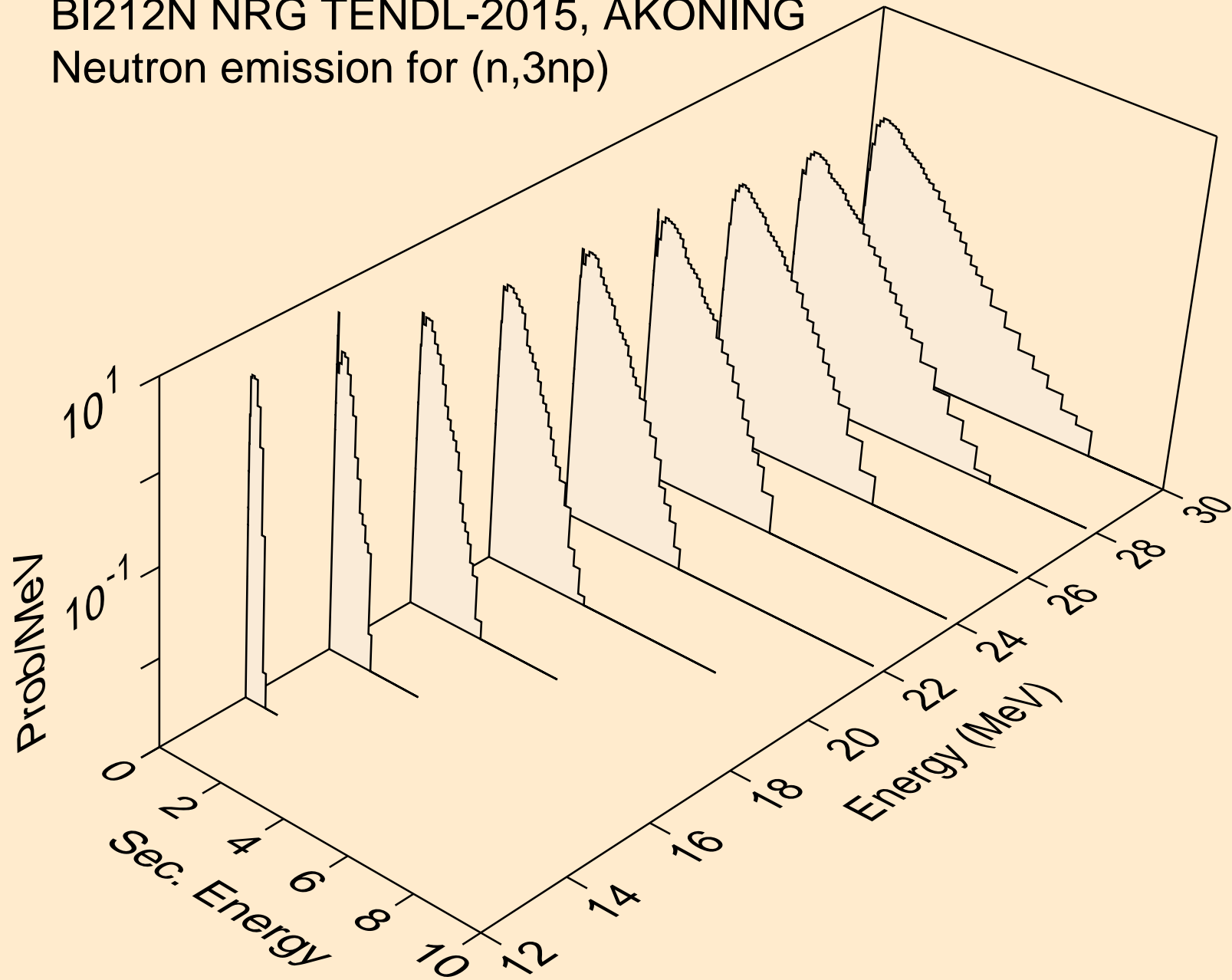


BI212N NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

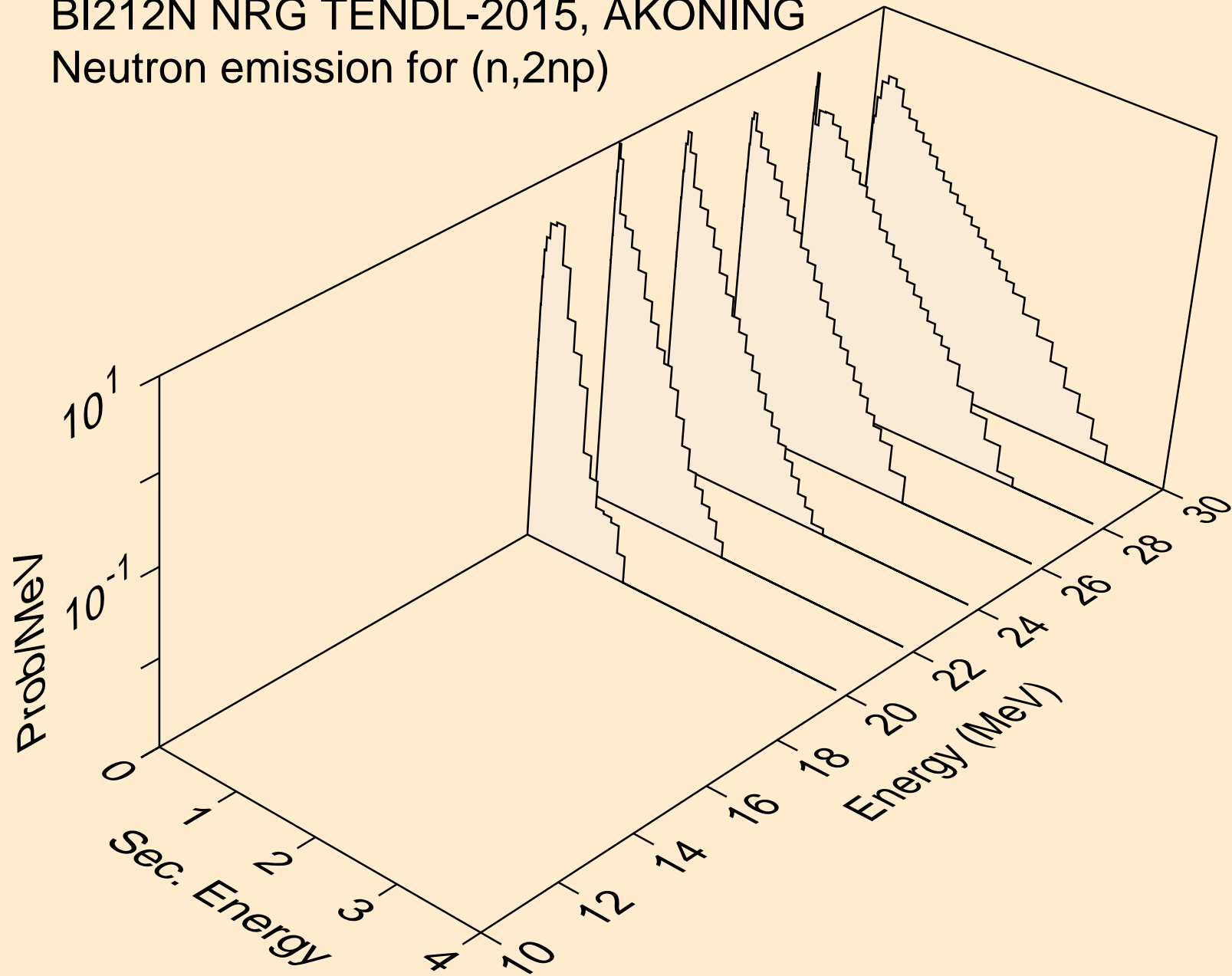




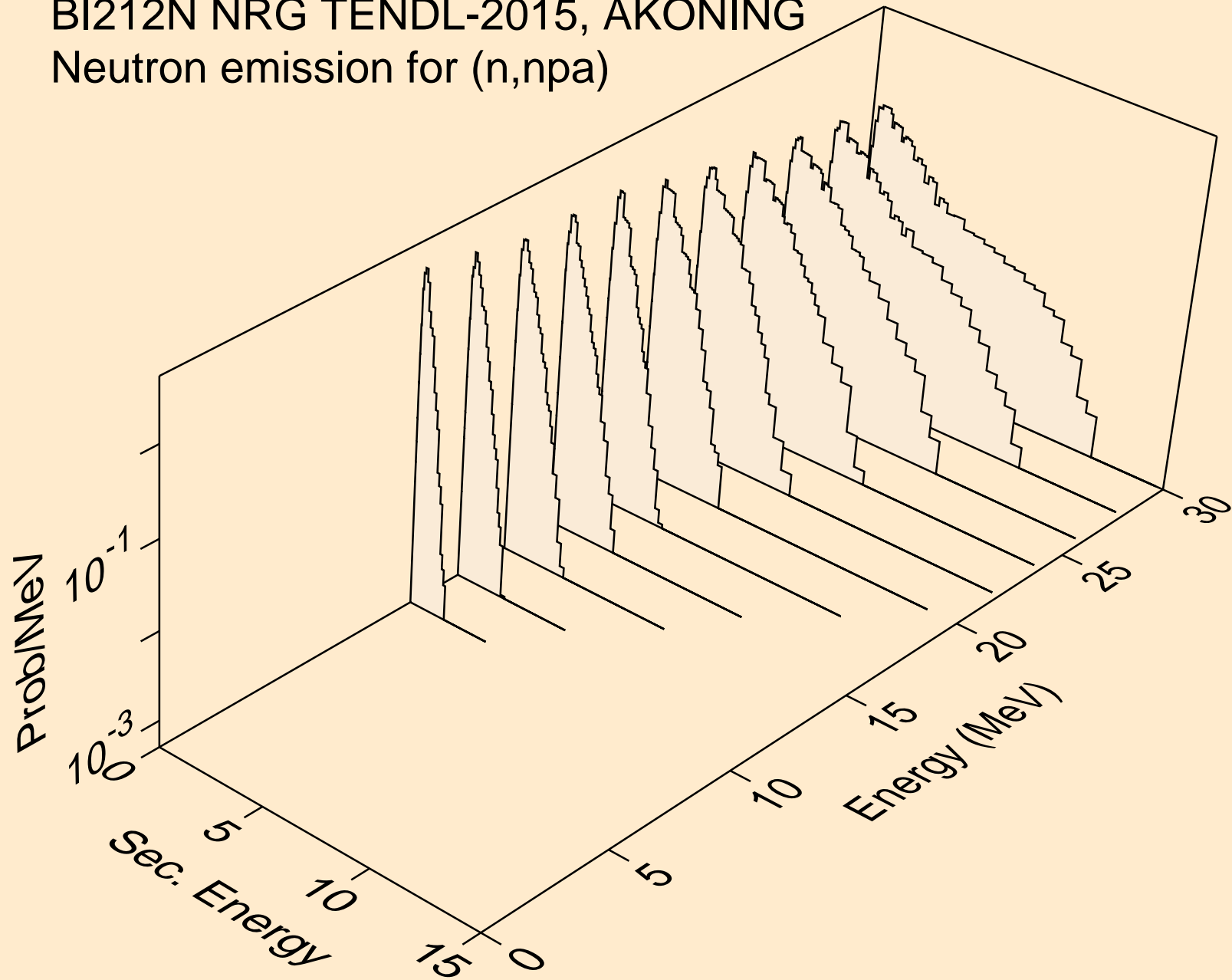
BI212N NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



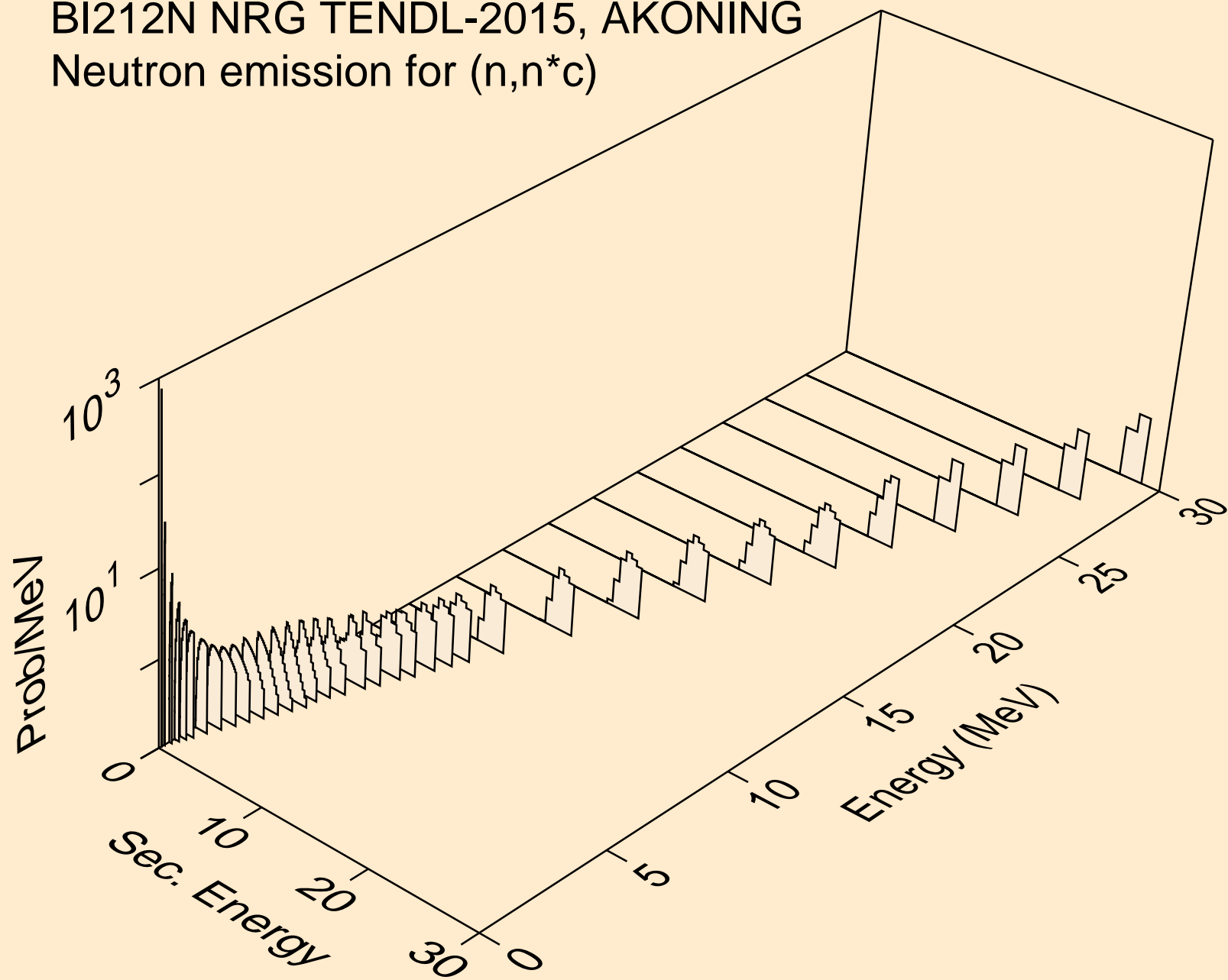
BI212N NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



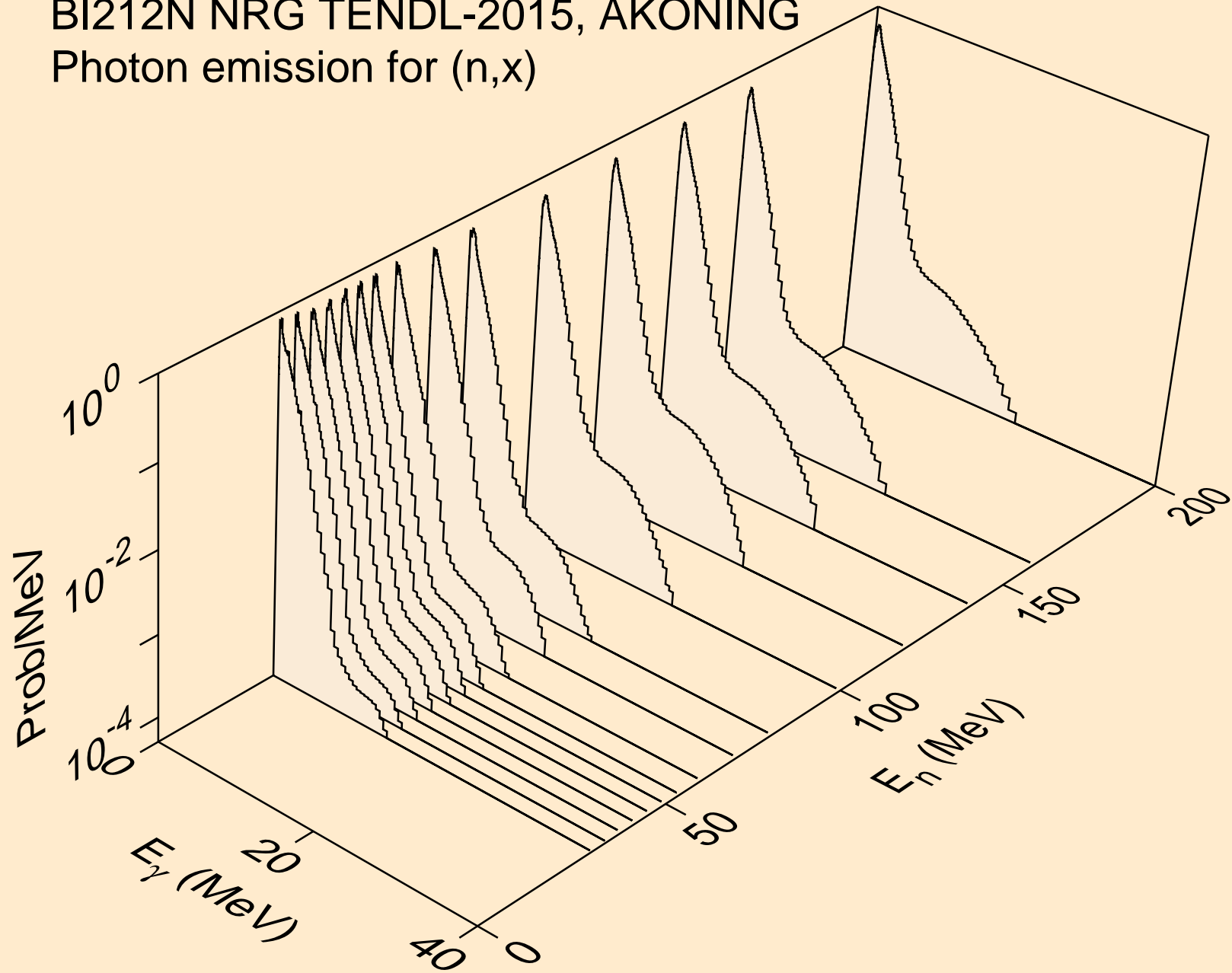
BI212N NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



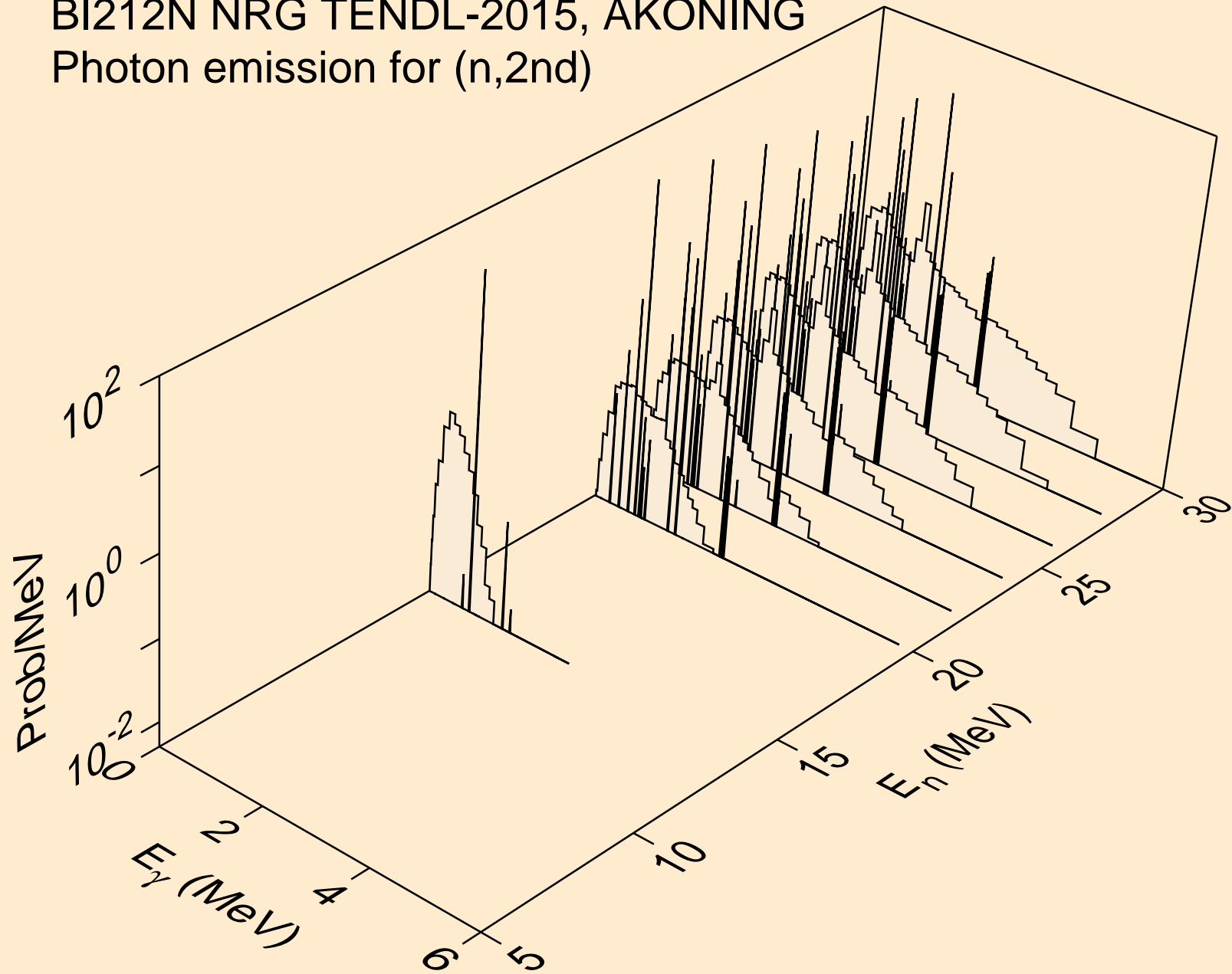
BI212N NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



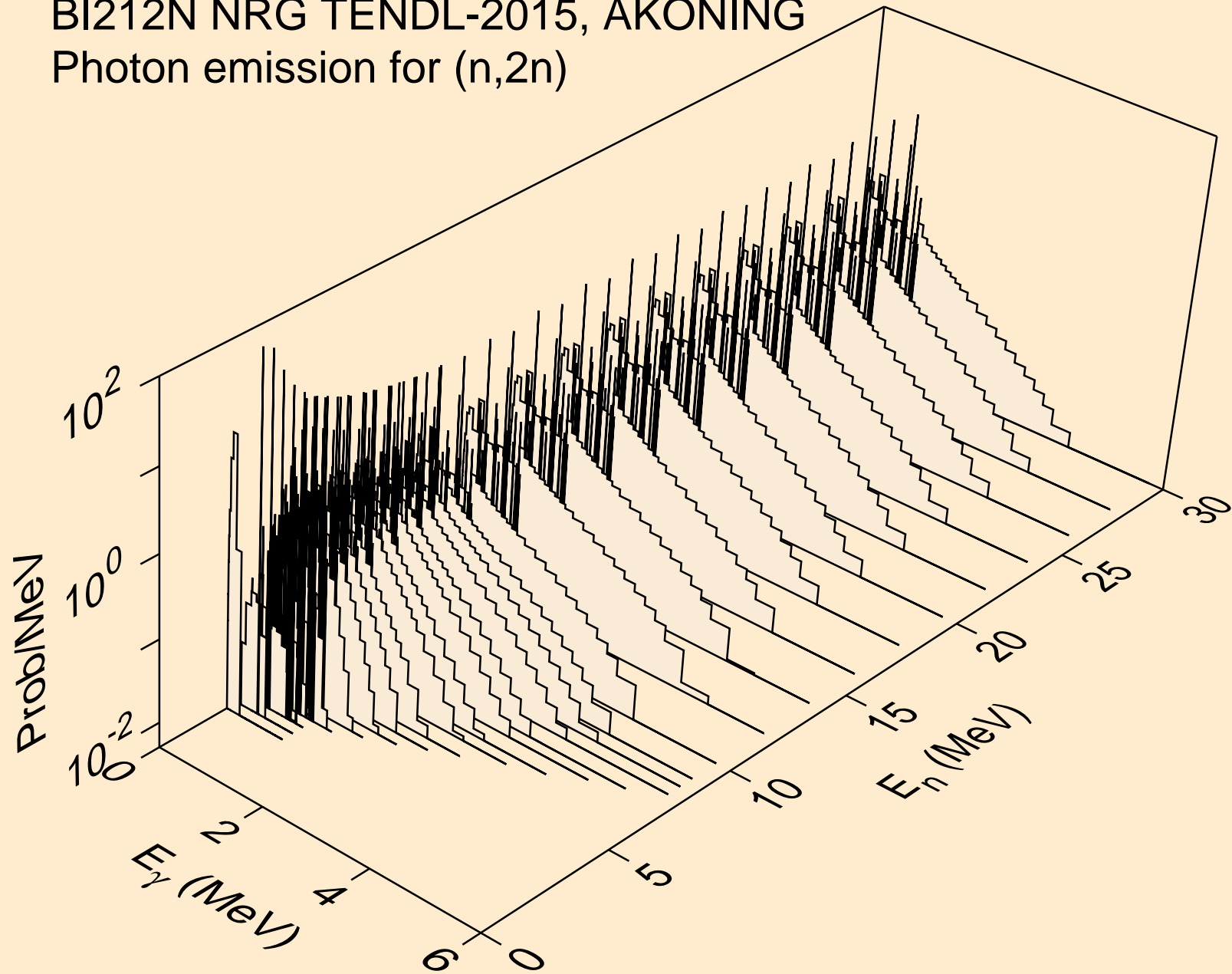
BI212N NRG TENDL-2015, AKONING  
Photon emission for (n,x)



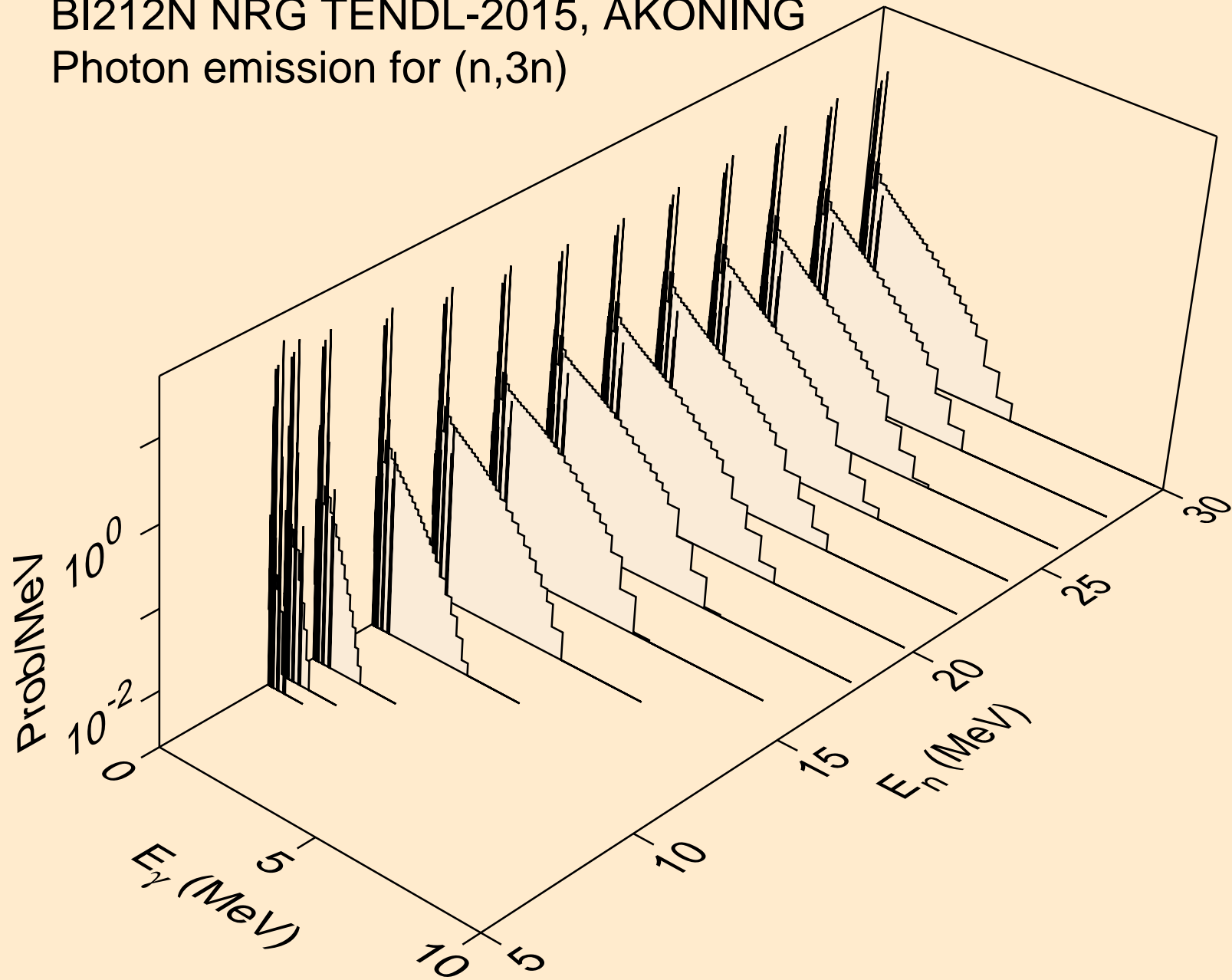
BI212N NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



BI212N NRG TENDL-2015, AKONING  
Photon emission for (n,2n)

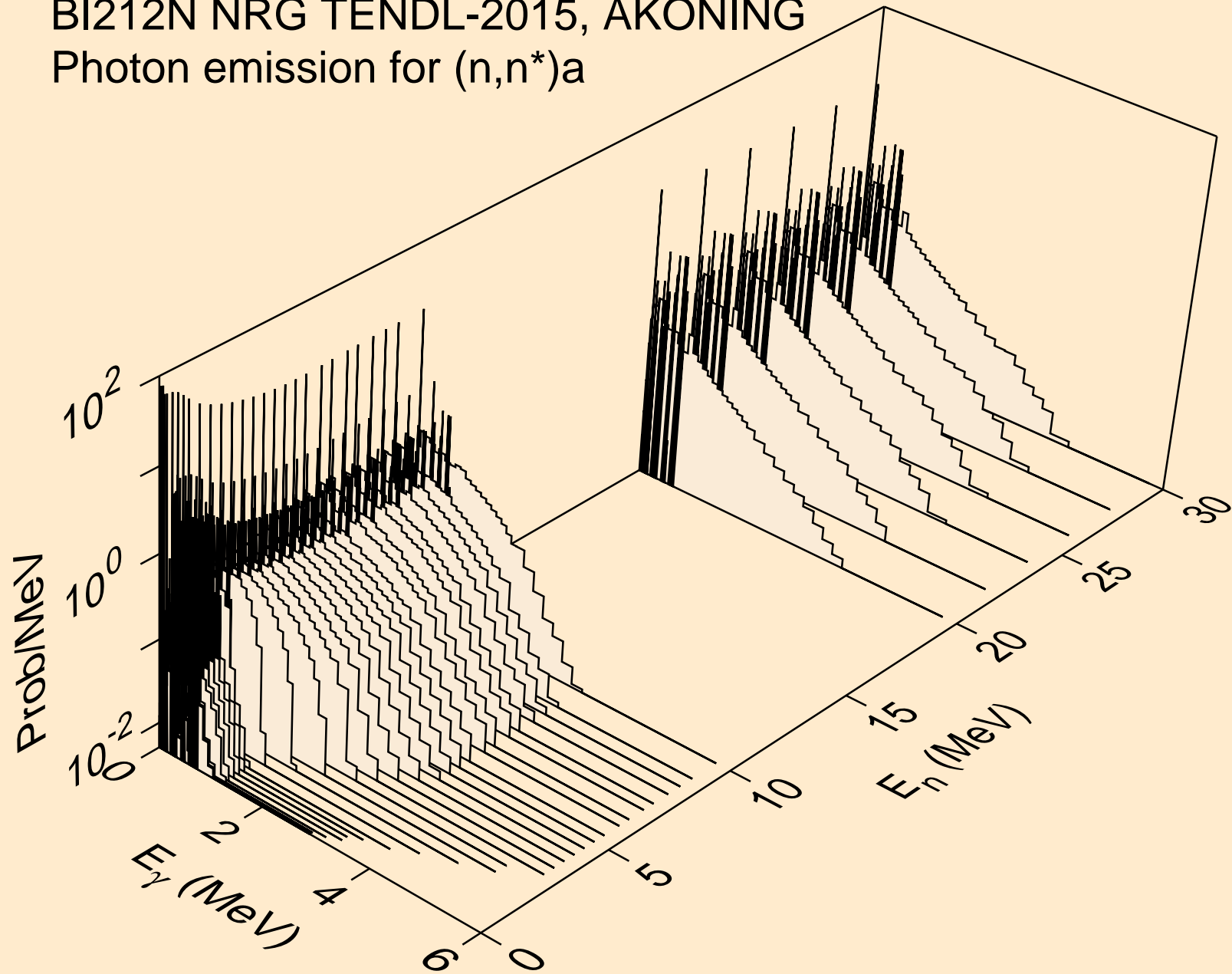


BI212N NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

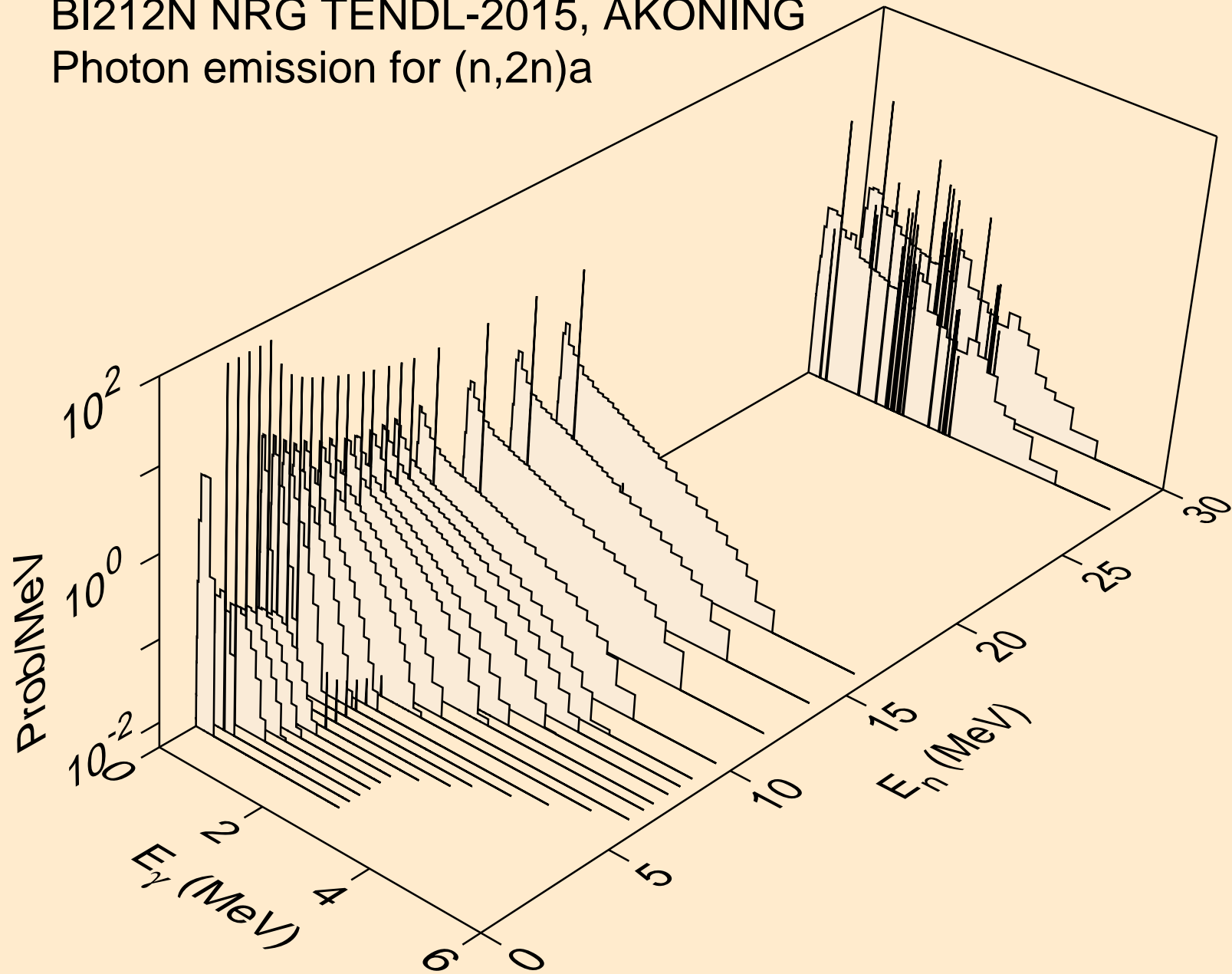




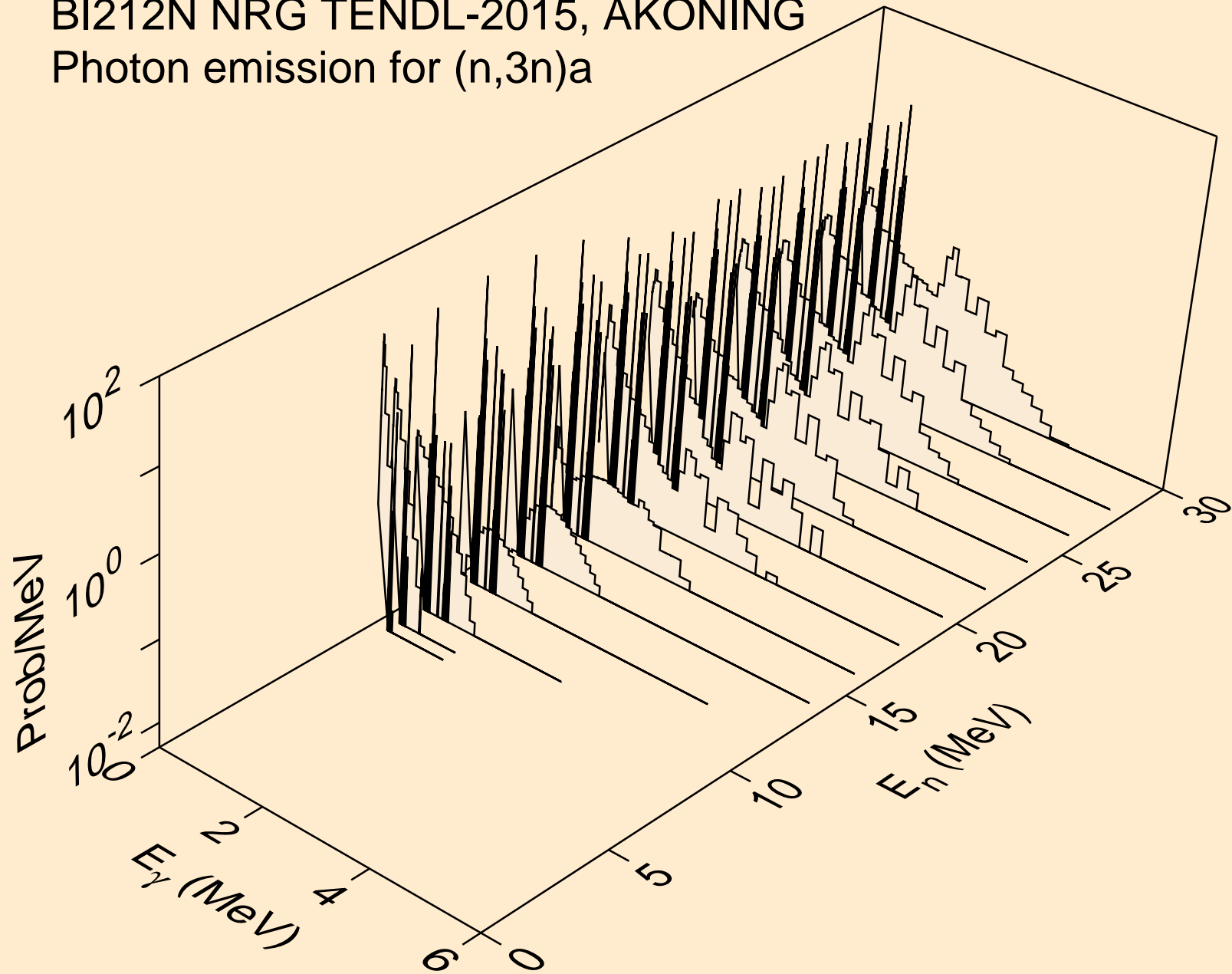
BI212N NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



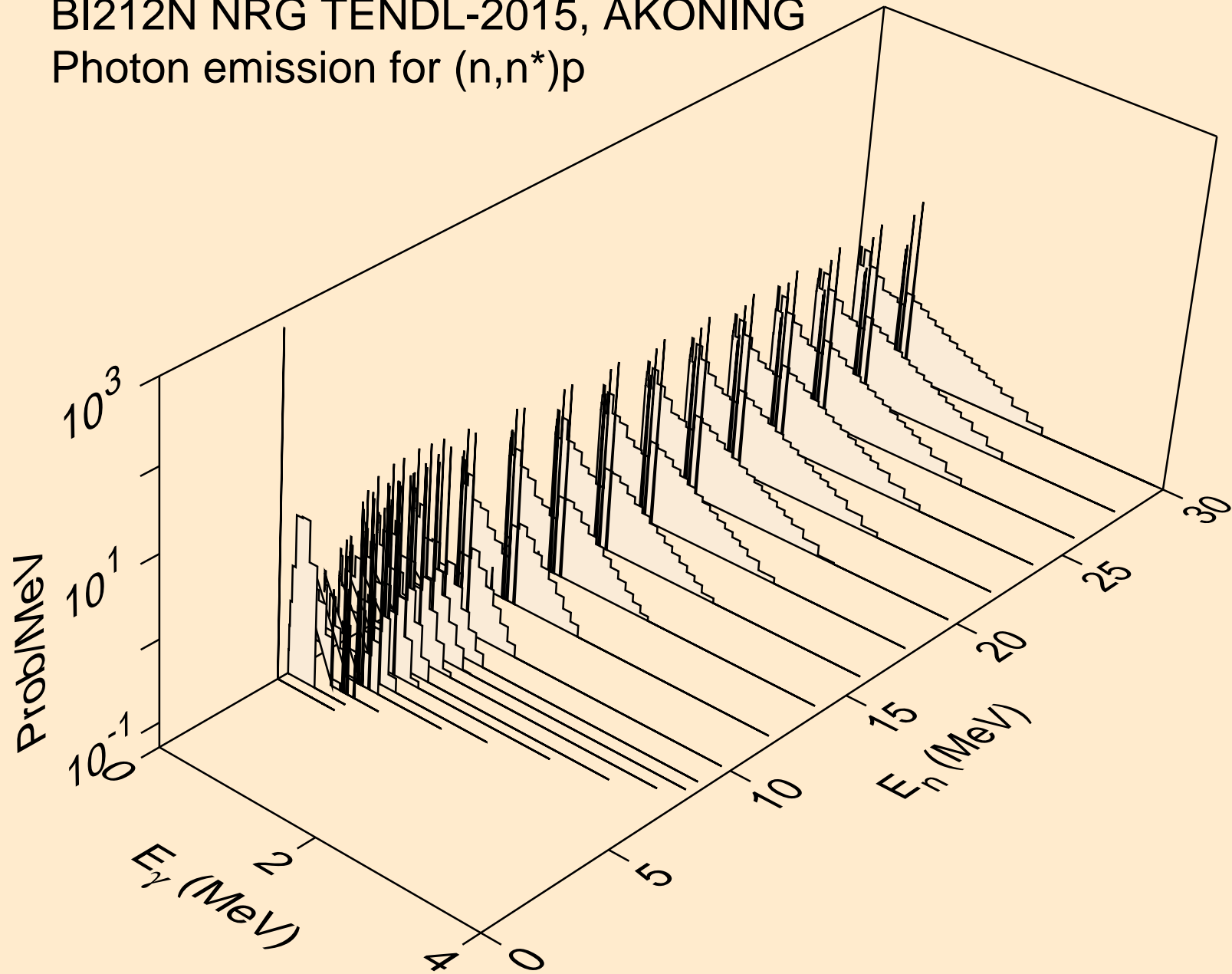
BI212N NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



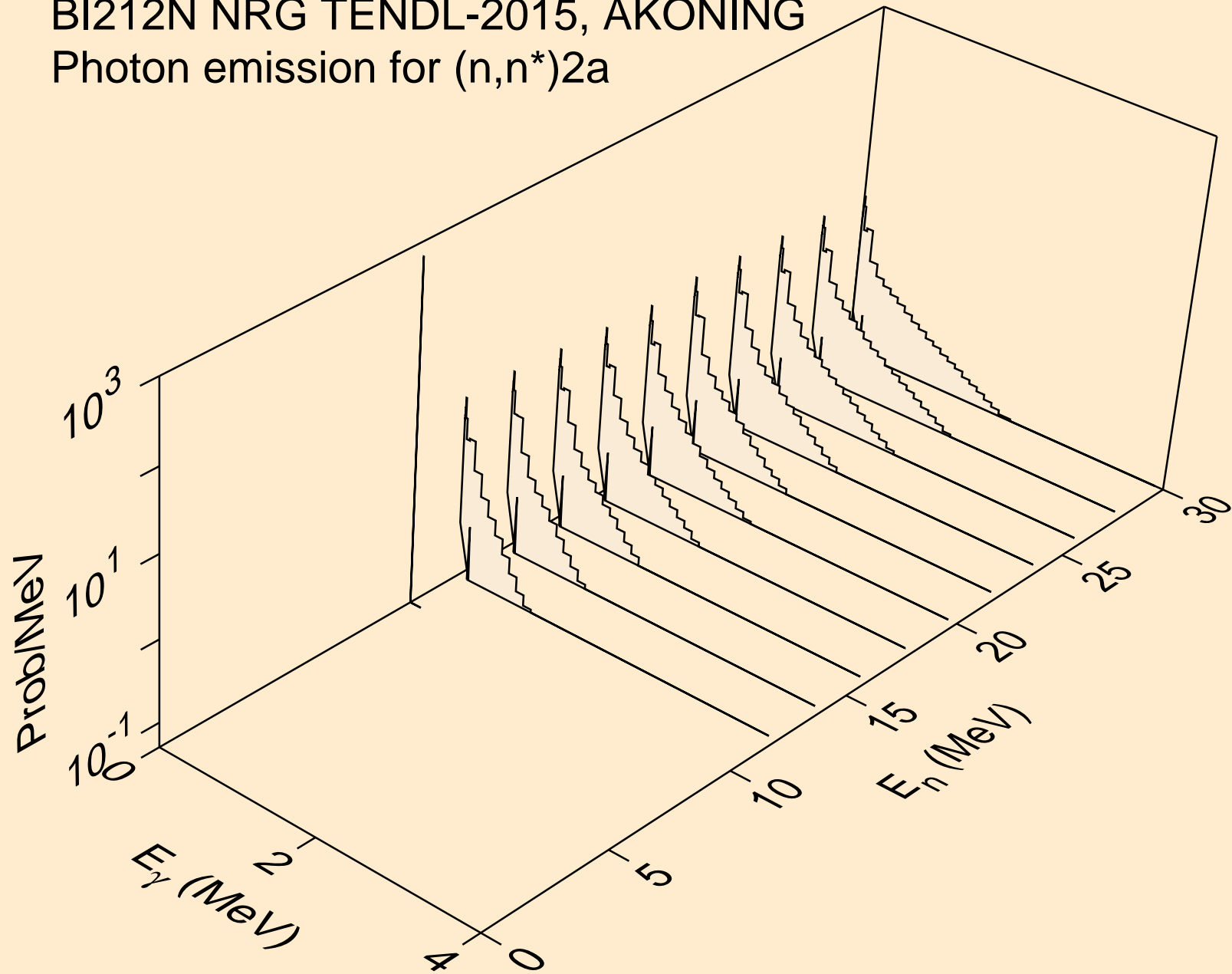
BI212N NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



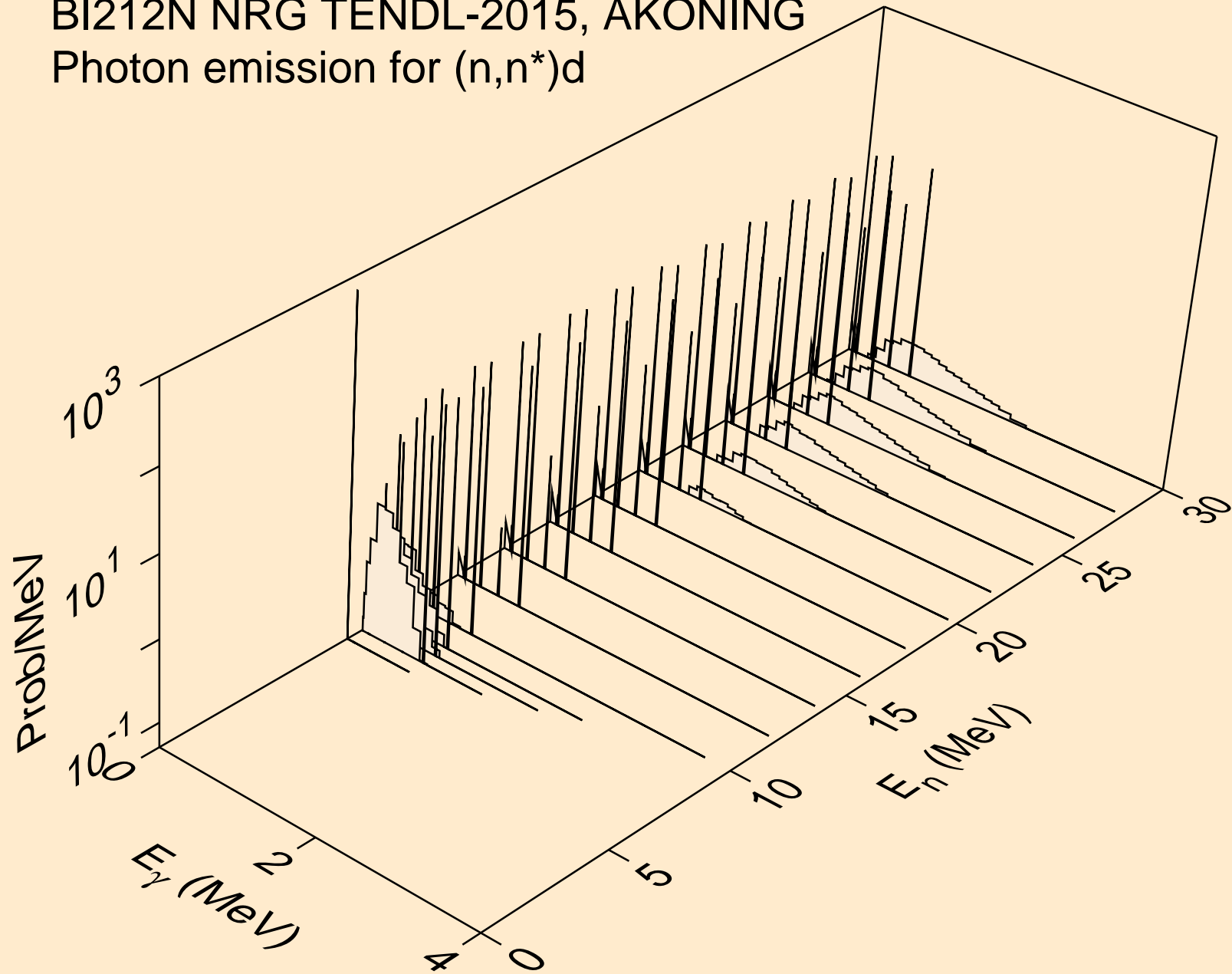
BI212N NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



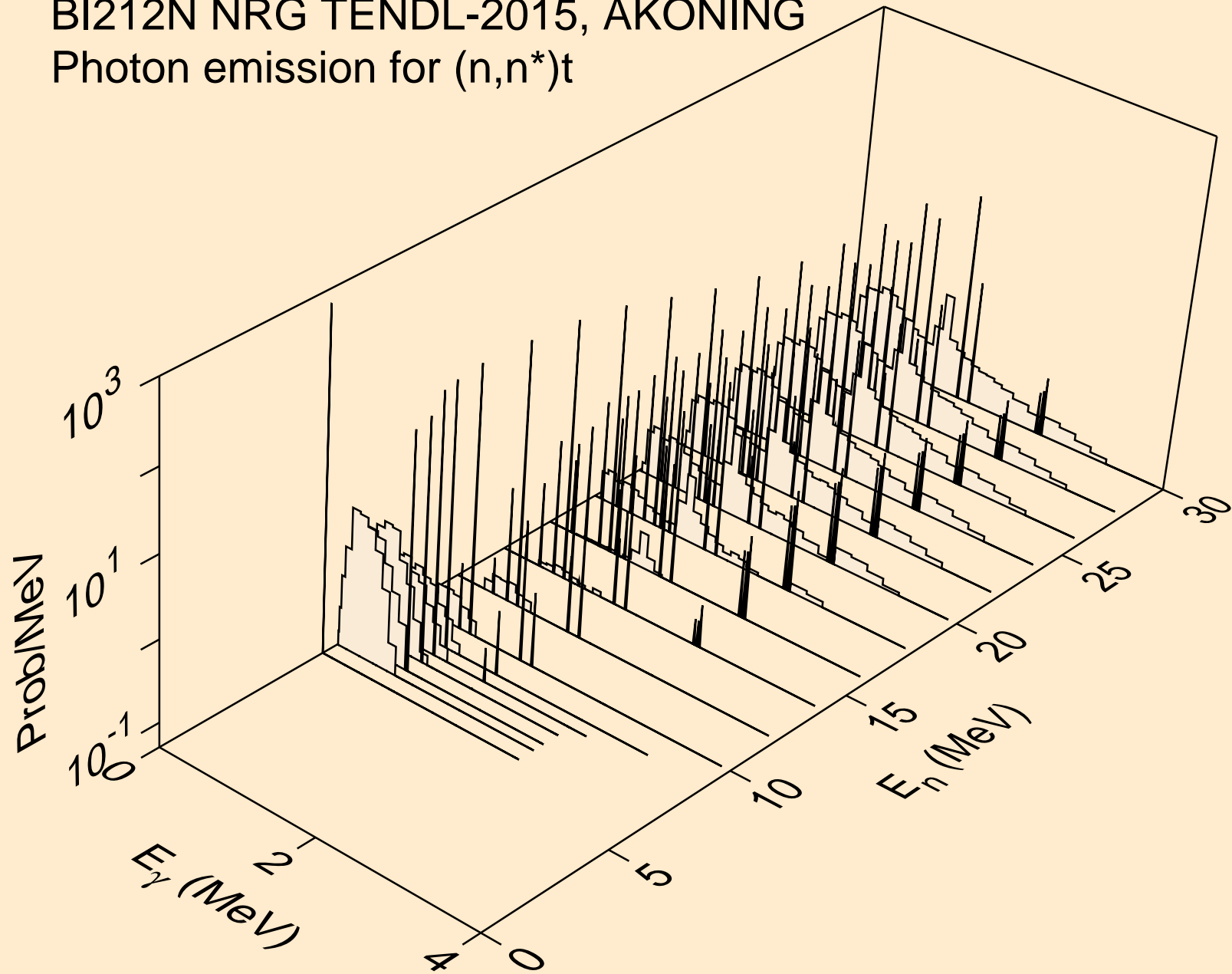
BI212N NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



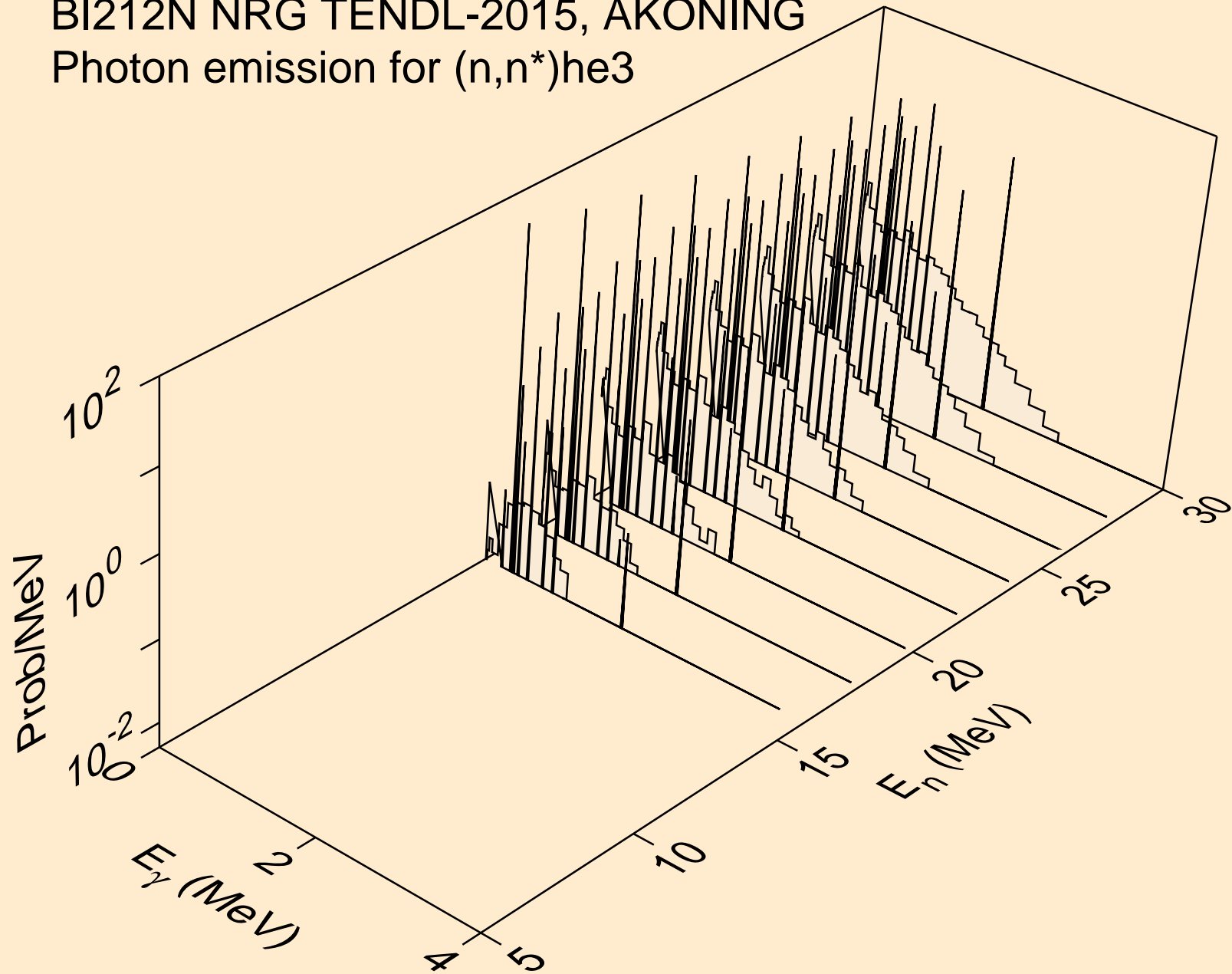
BI212N NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



BI212N NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

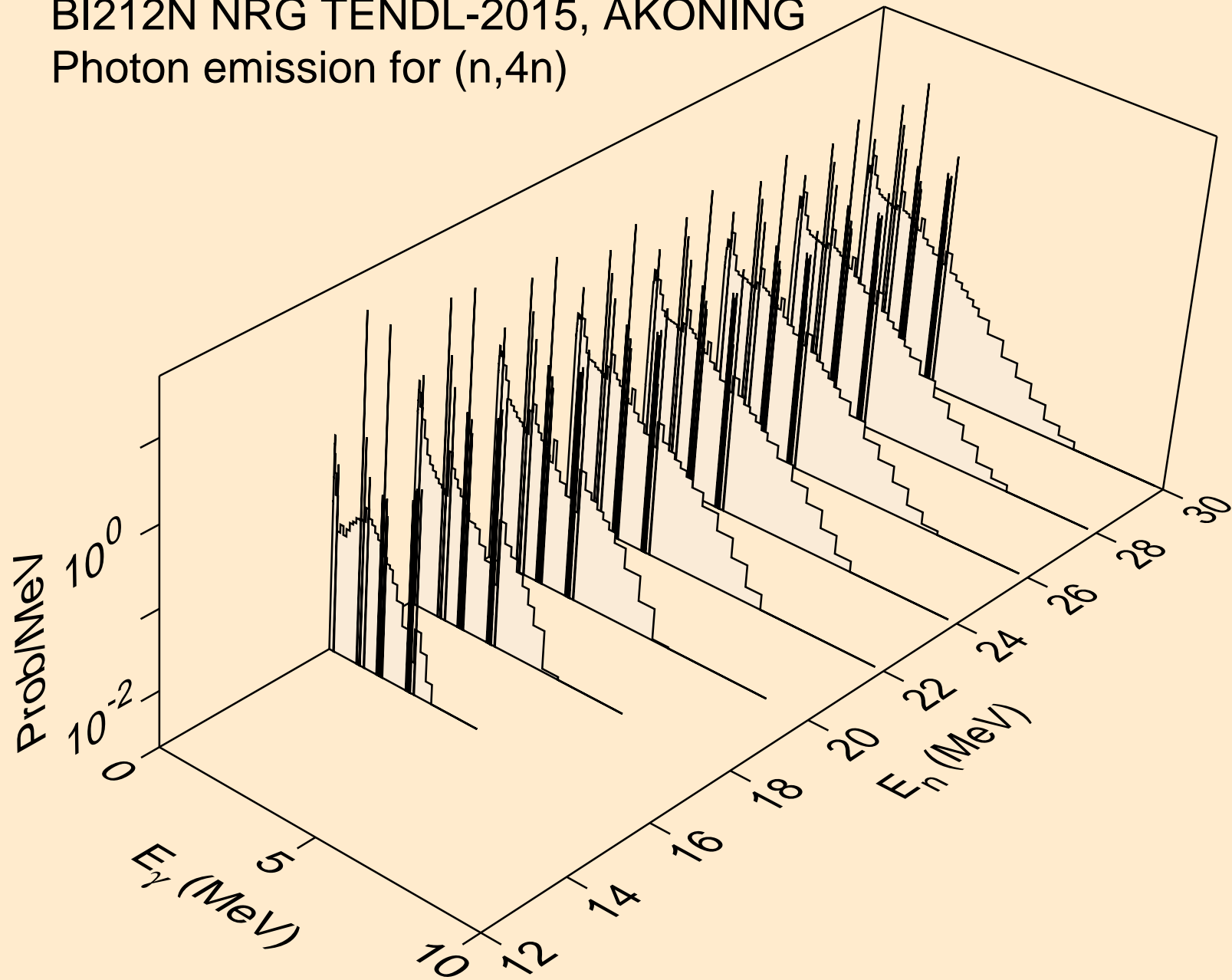


BI212N NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

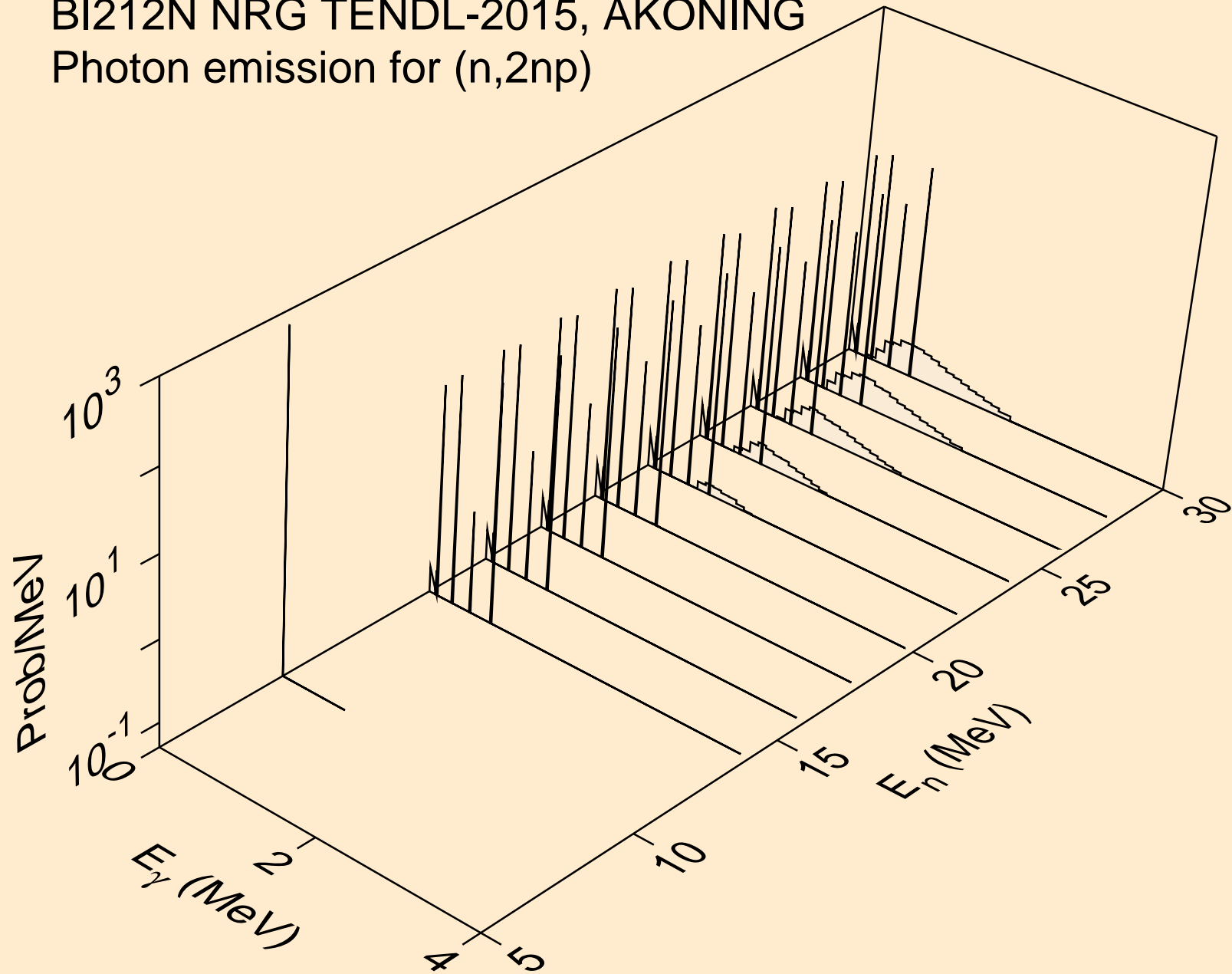




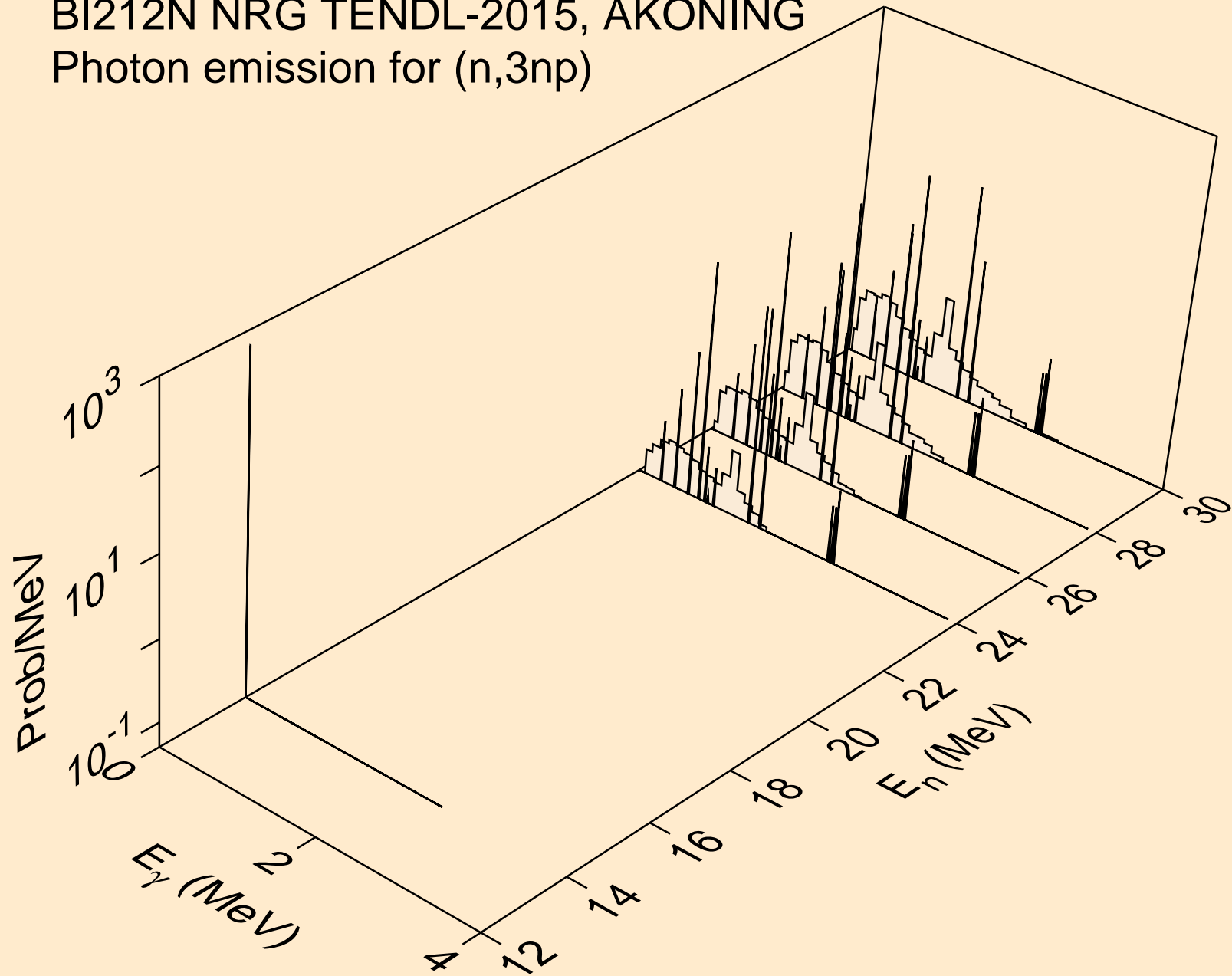
BI212N NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



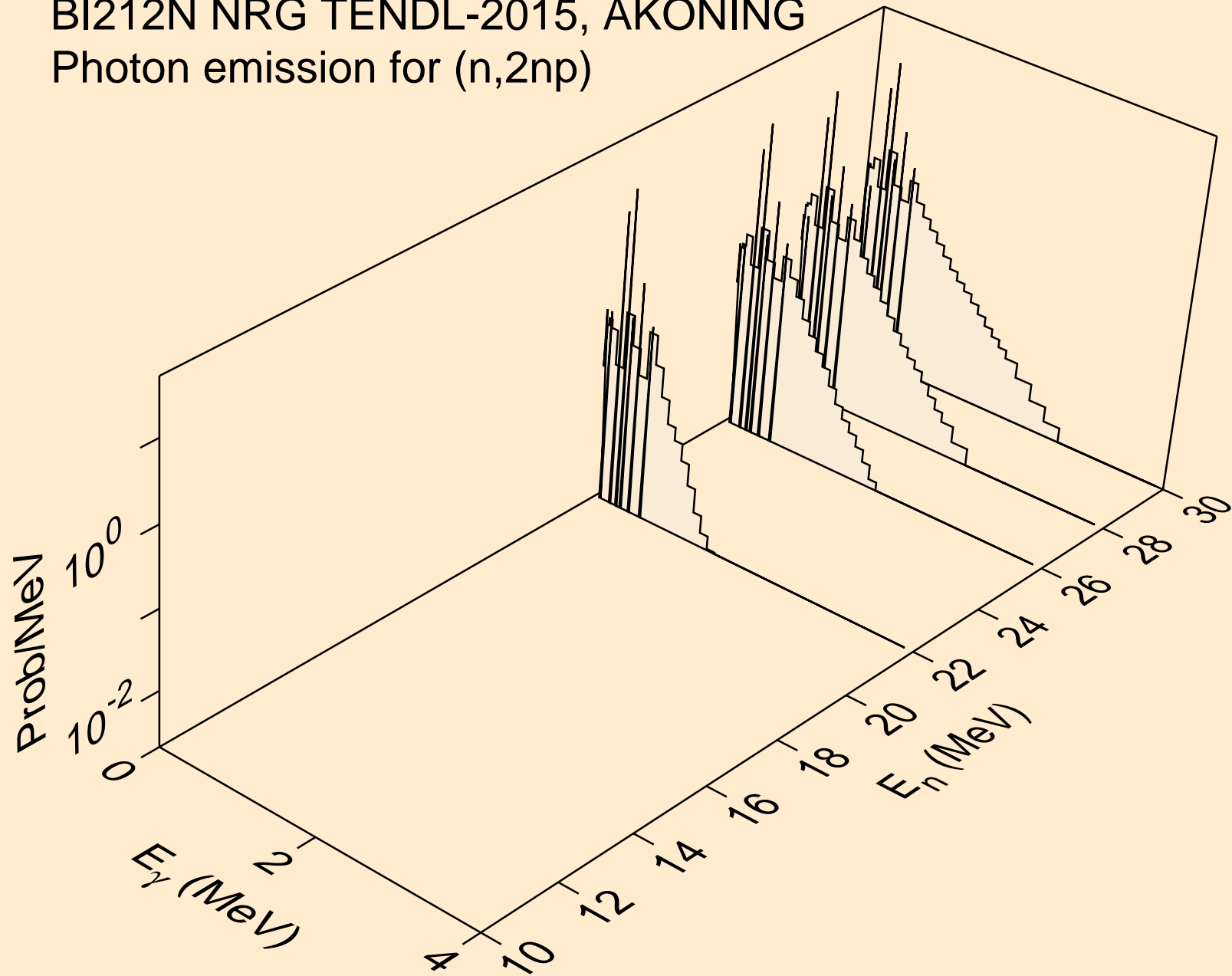
BI212N NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



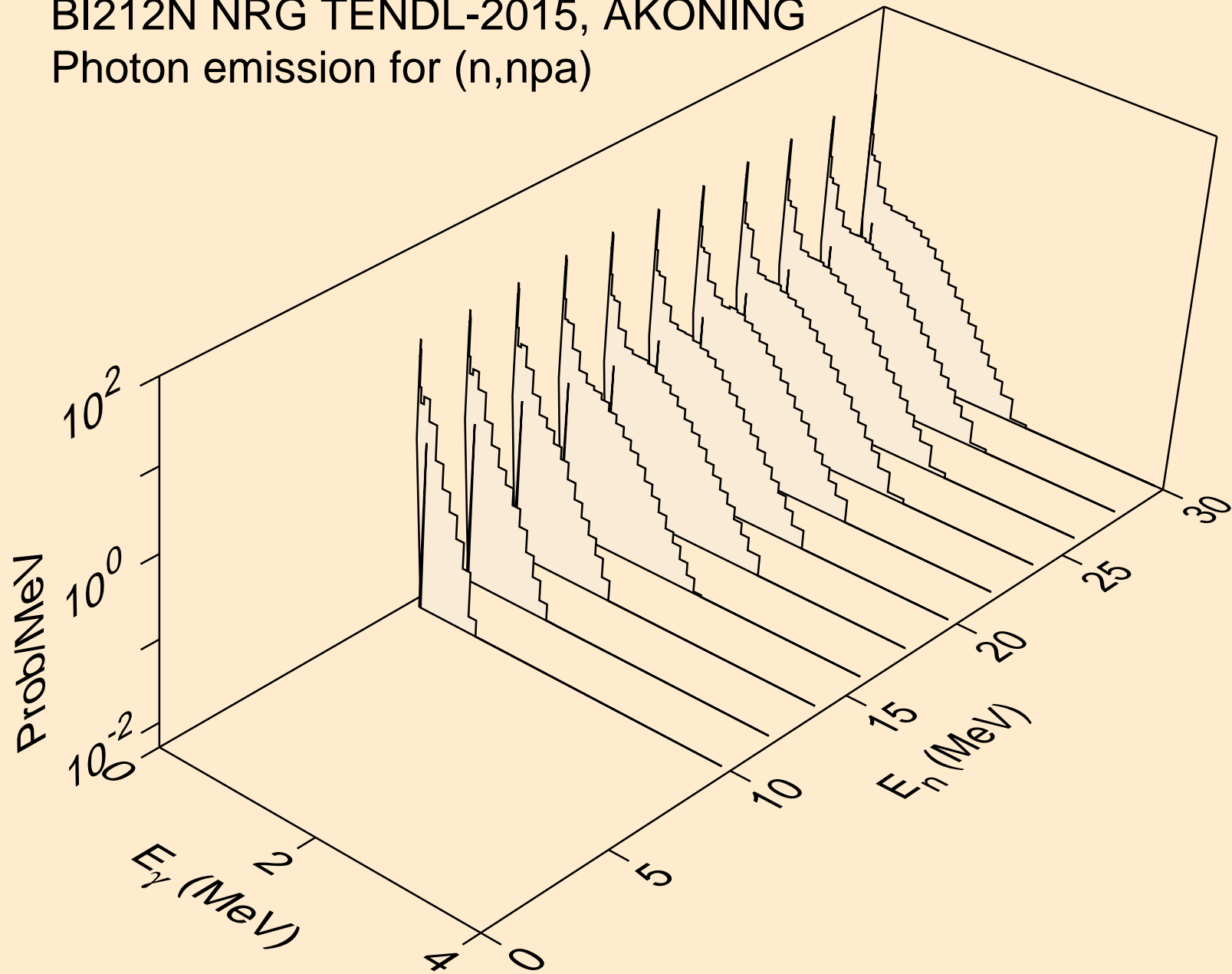
BI212N NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



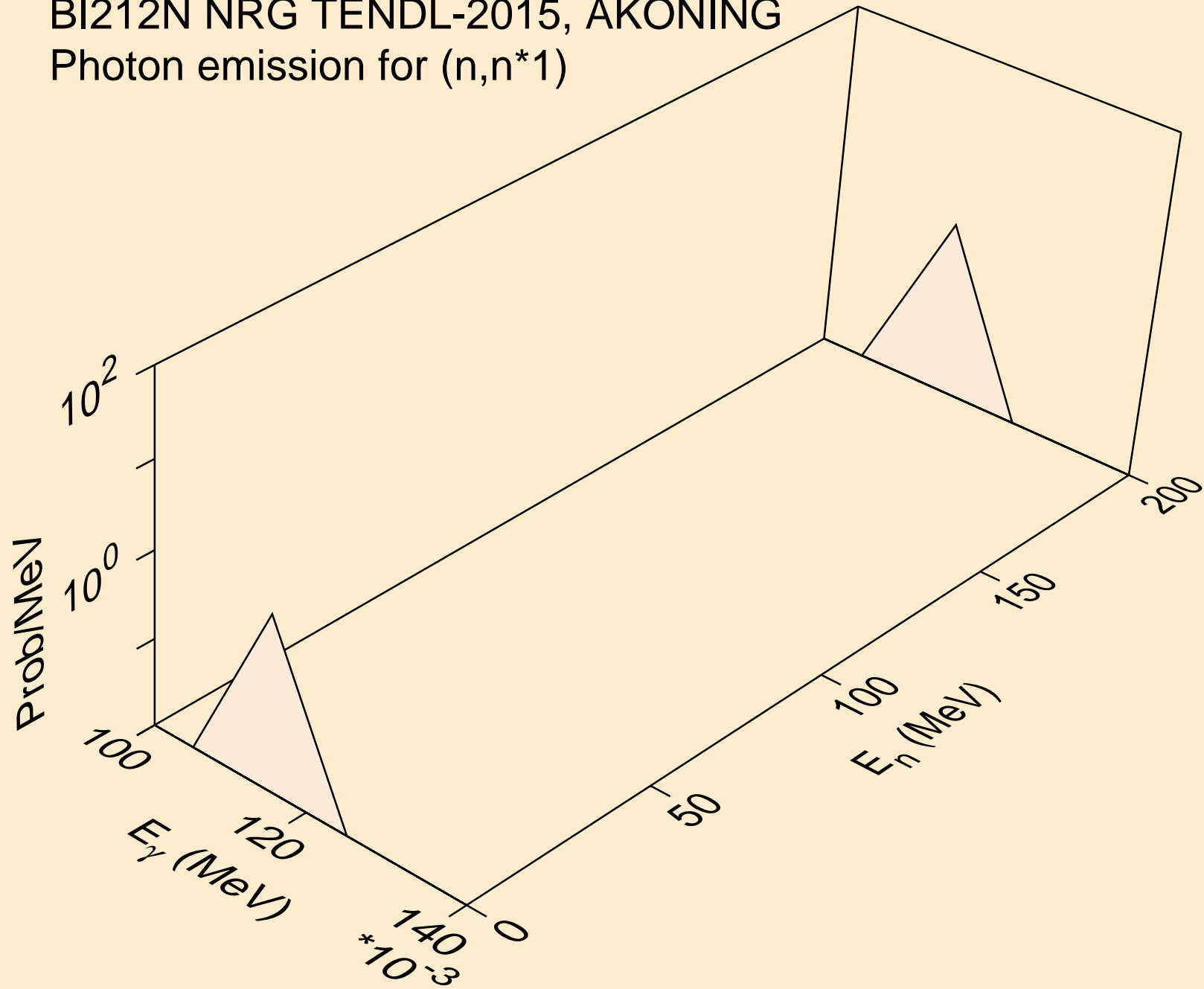
BI212N NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



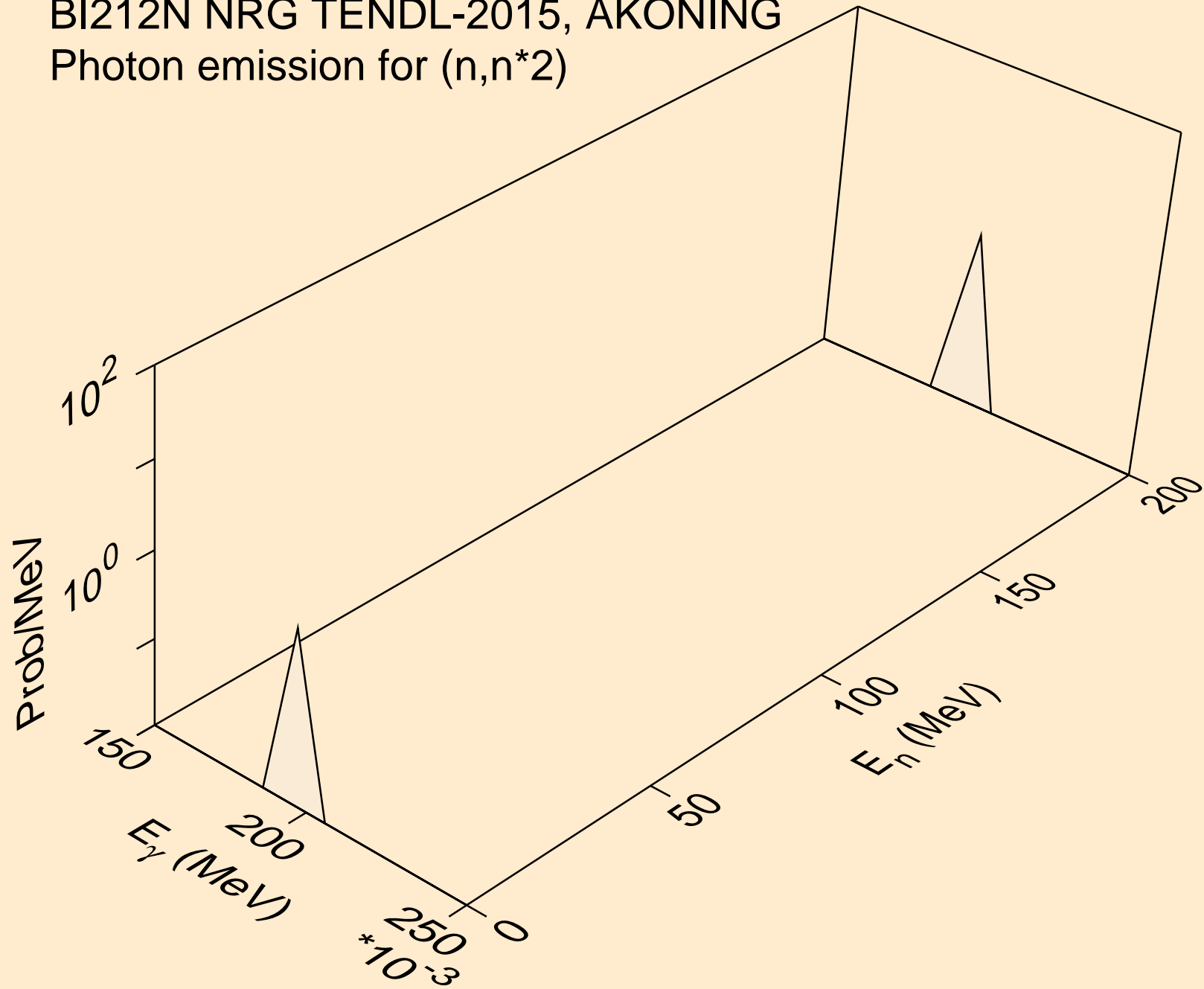
BI212N NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



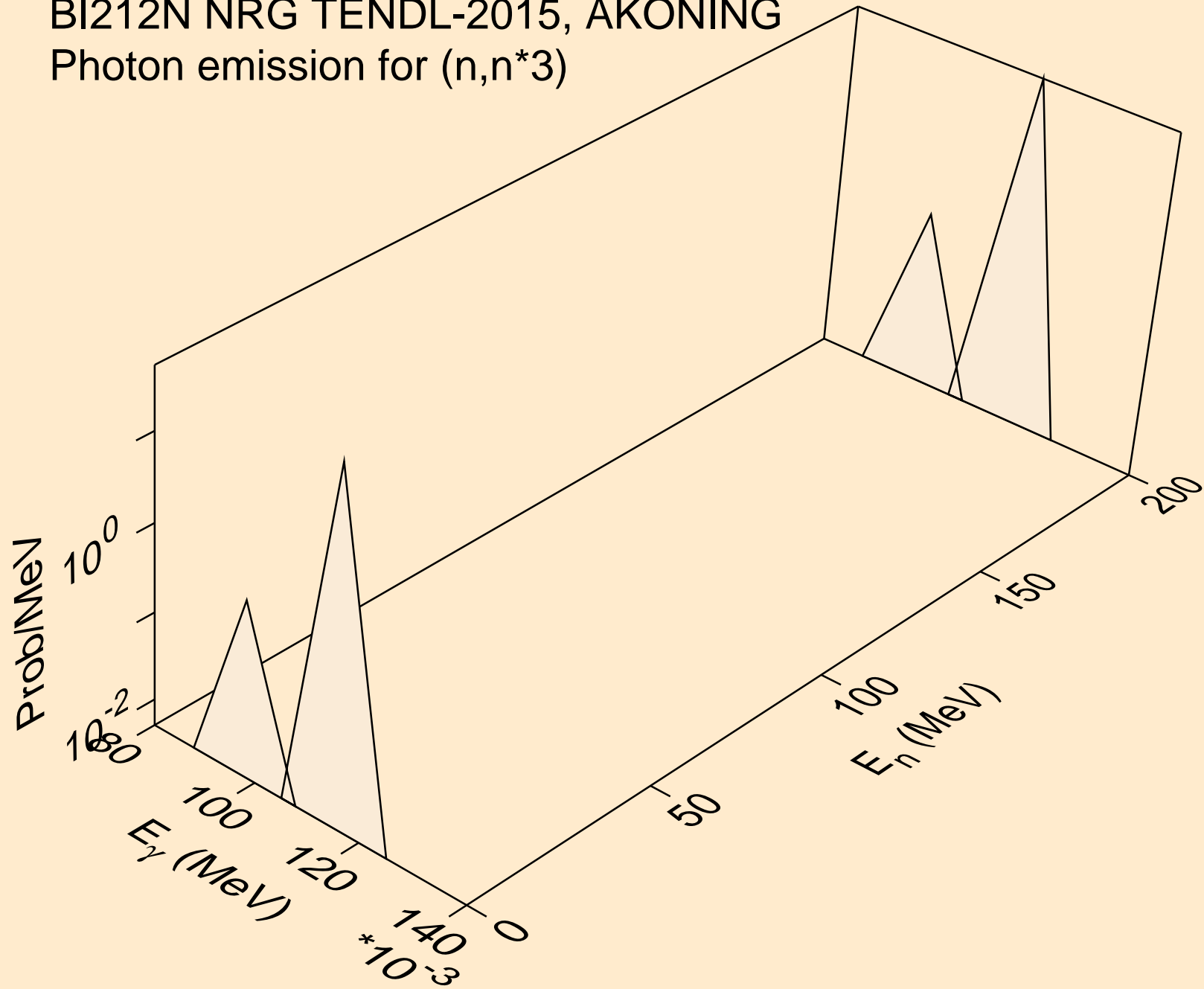
BI212N NRG TENDL-2015, AKONING  
Photon emission for (n,n\*1)



BI212N NRG TENDL-2015, AKONING  
Photon emission for (n,n\*2)

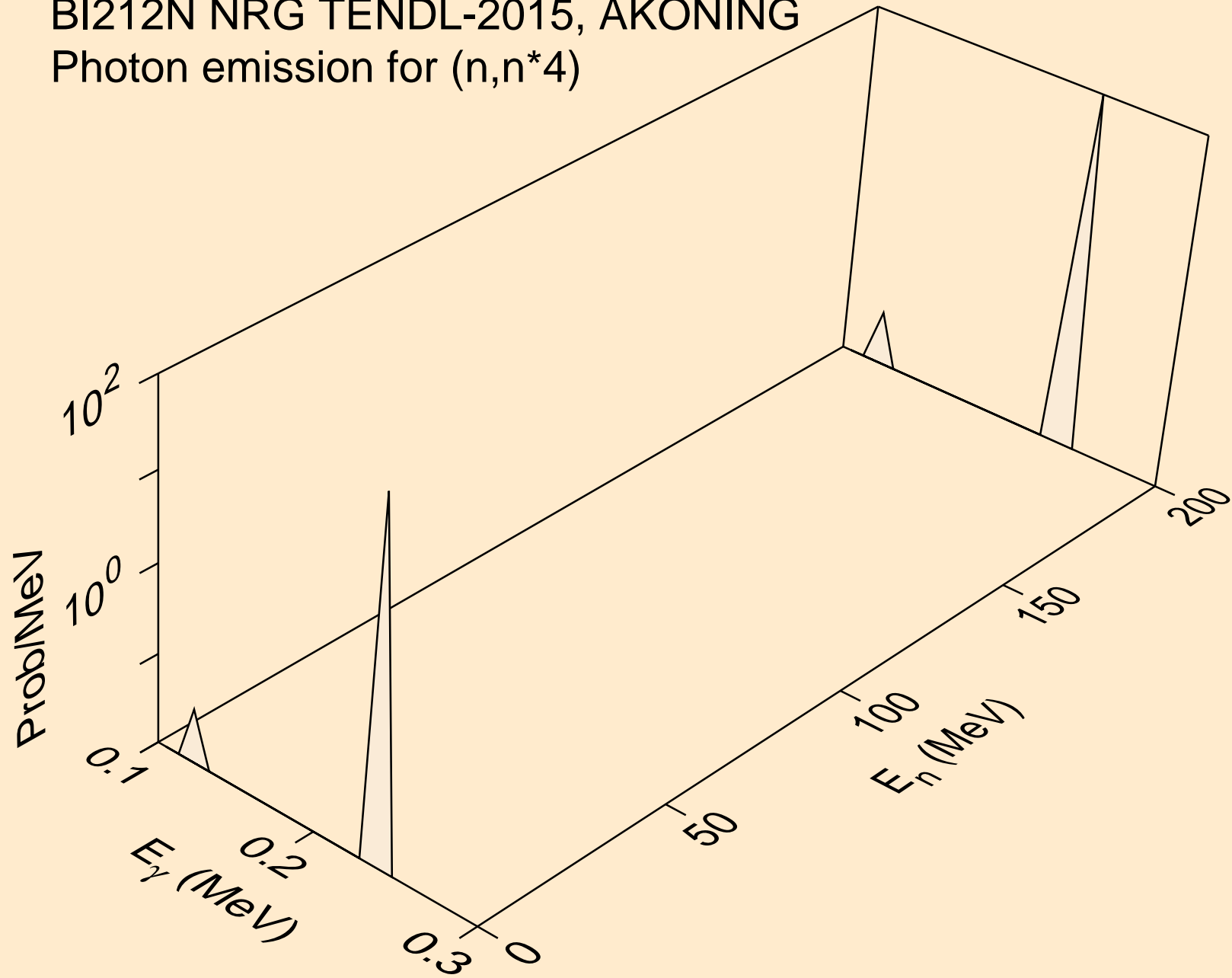


BI212N NRG TENDL-2015, AKONING  
Photon emission for (n,n\*3)

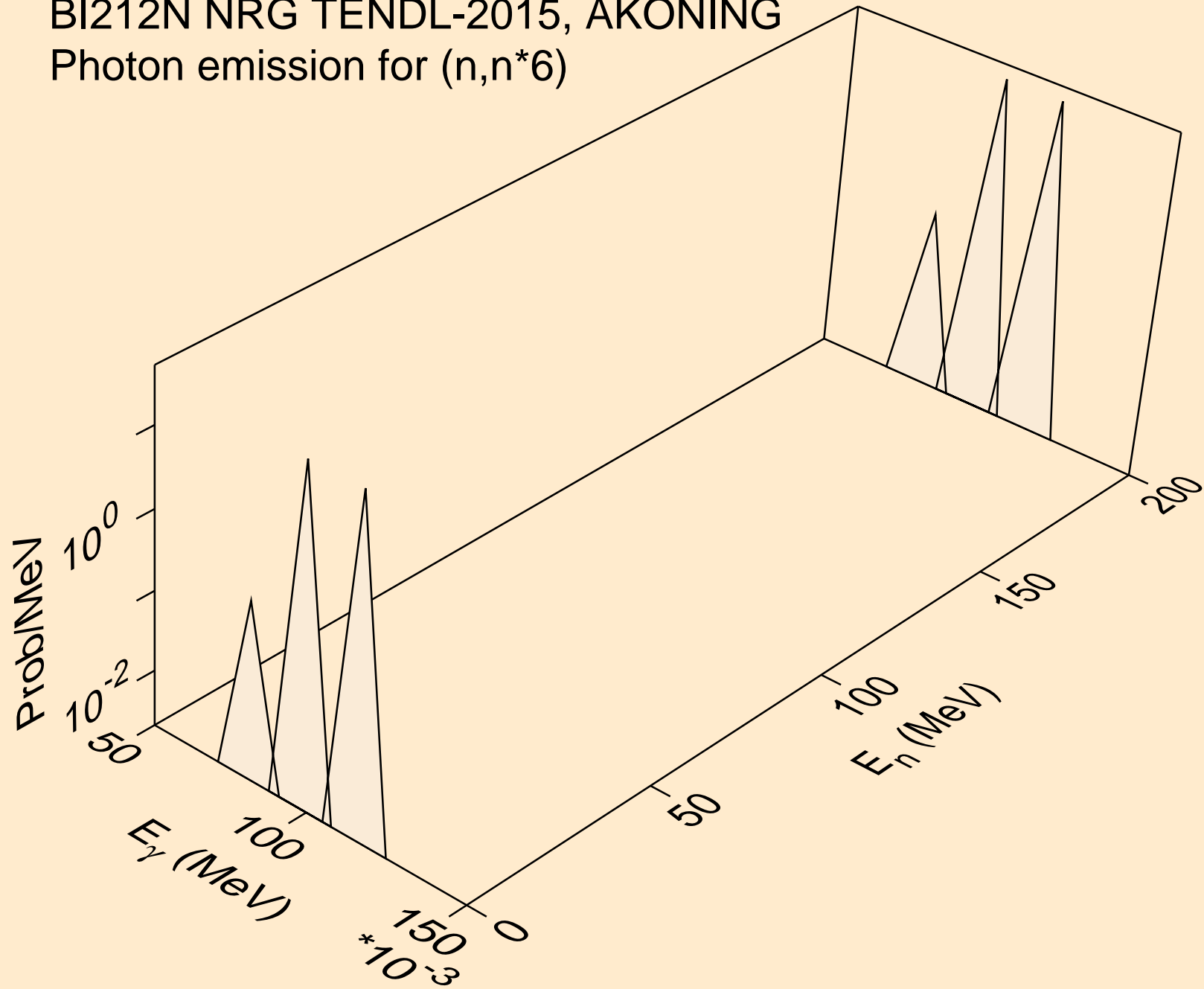




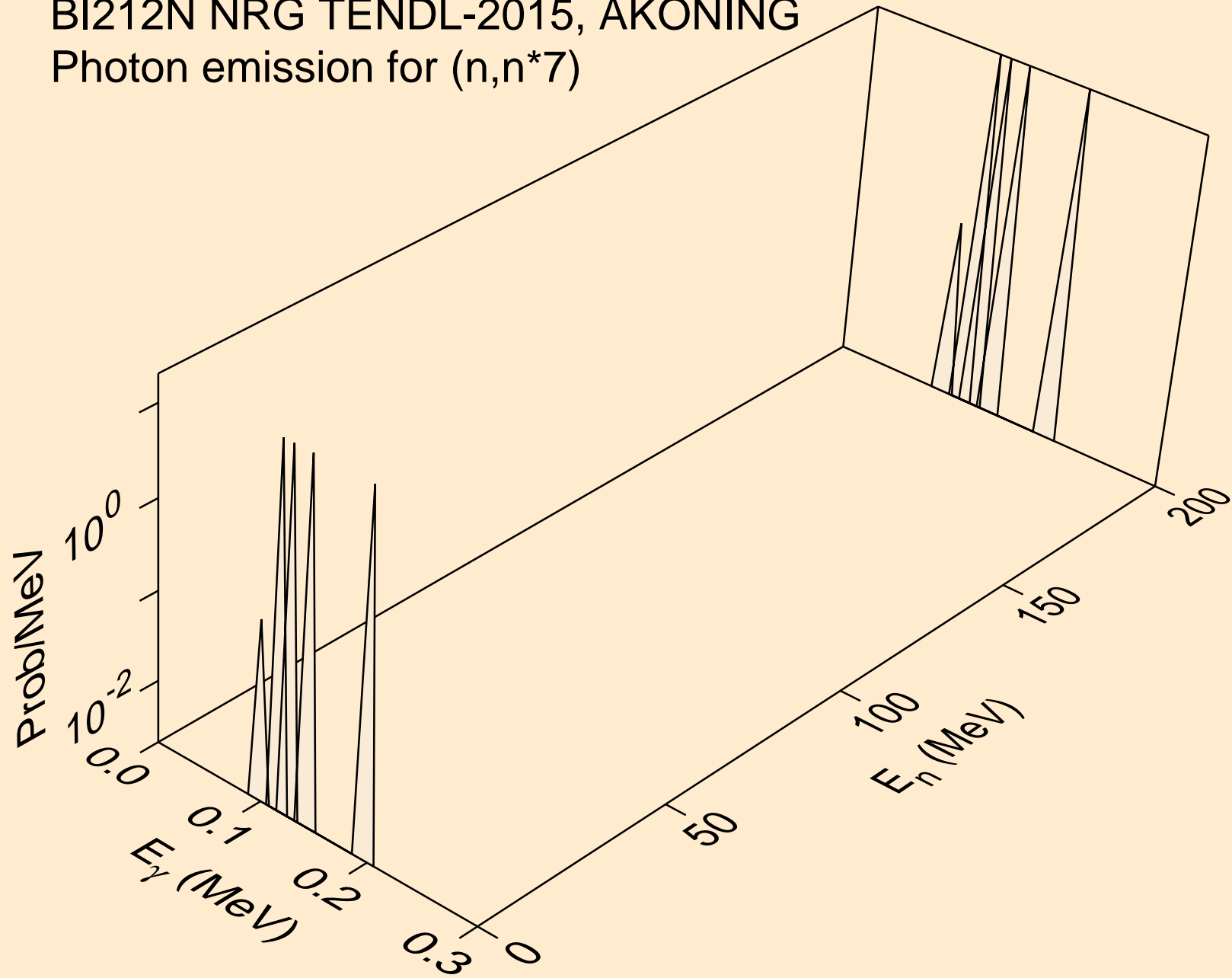
BI212N NRG TENDL-2015, AKONING  
Photon emission for (n,n\*4)



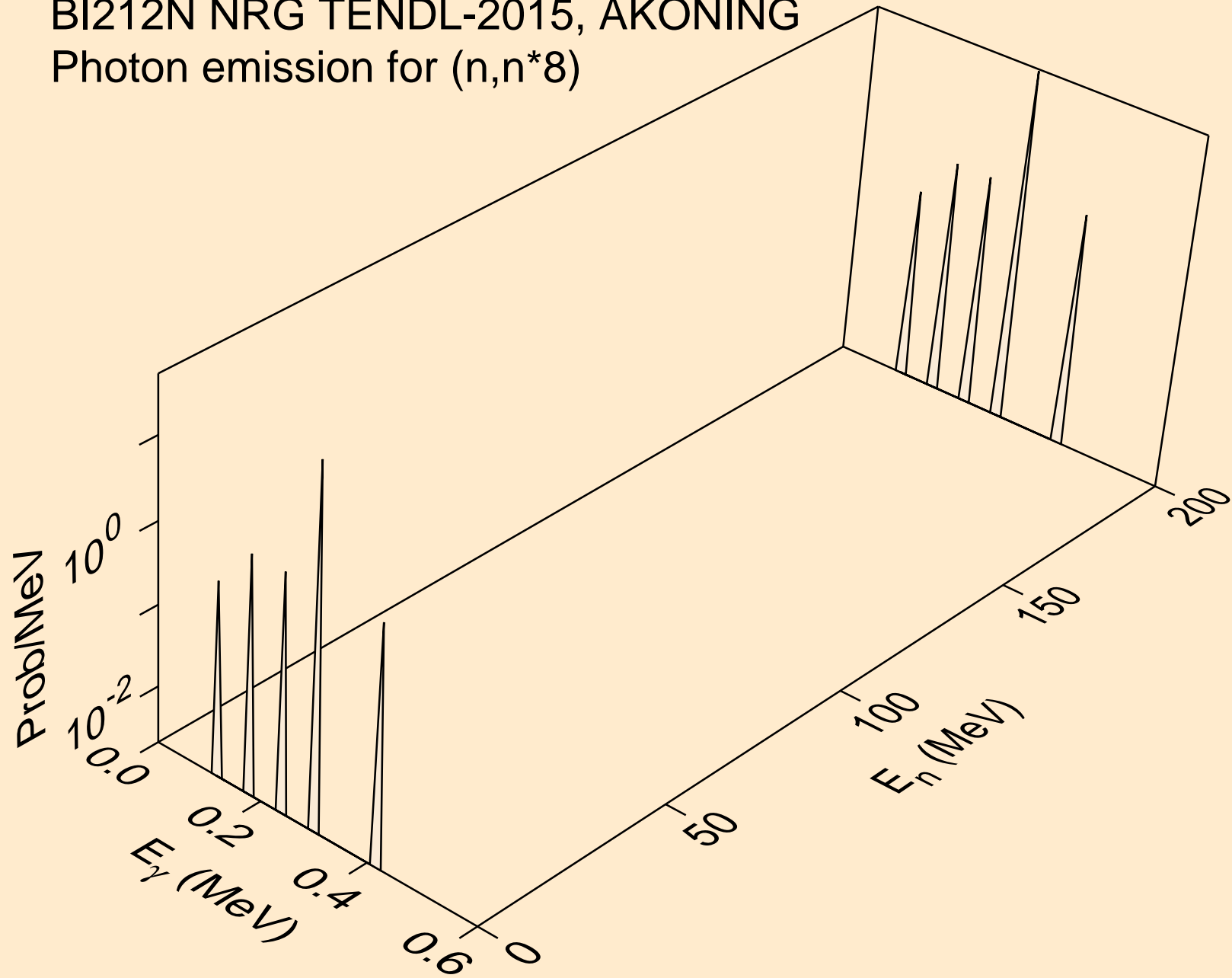
BI212N NRG TENDL-2015, AKONING  
Photon emission for (n,n\*6)



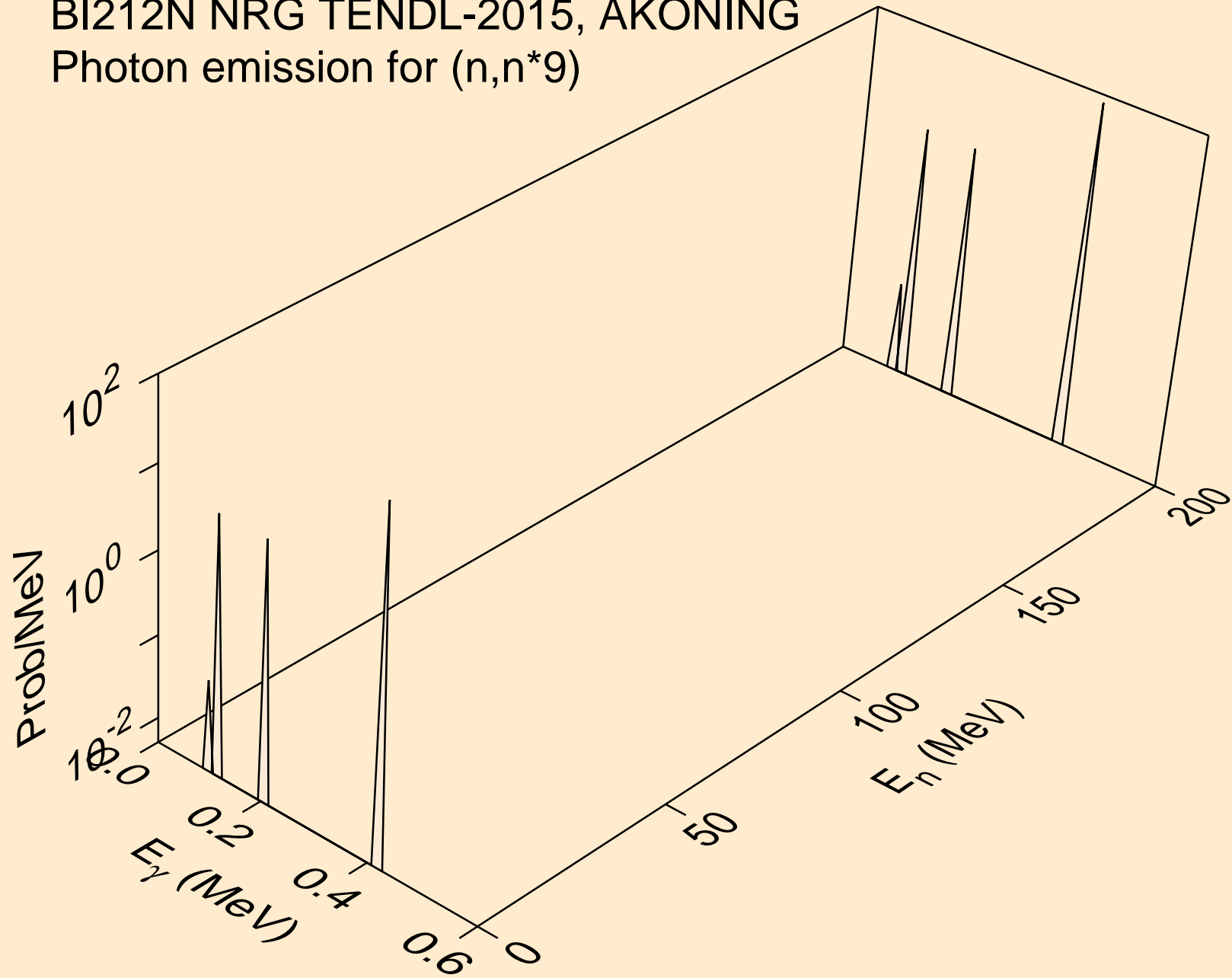
BI212N NRG TENDL-2015, AKONING  
Photon emission for (n,n\*7)



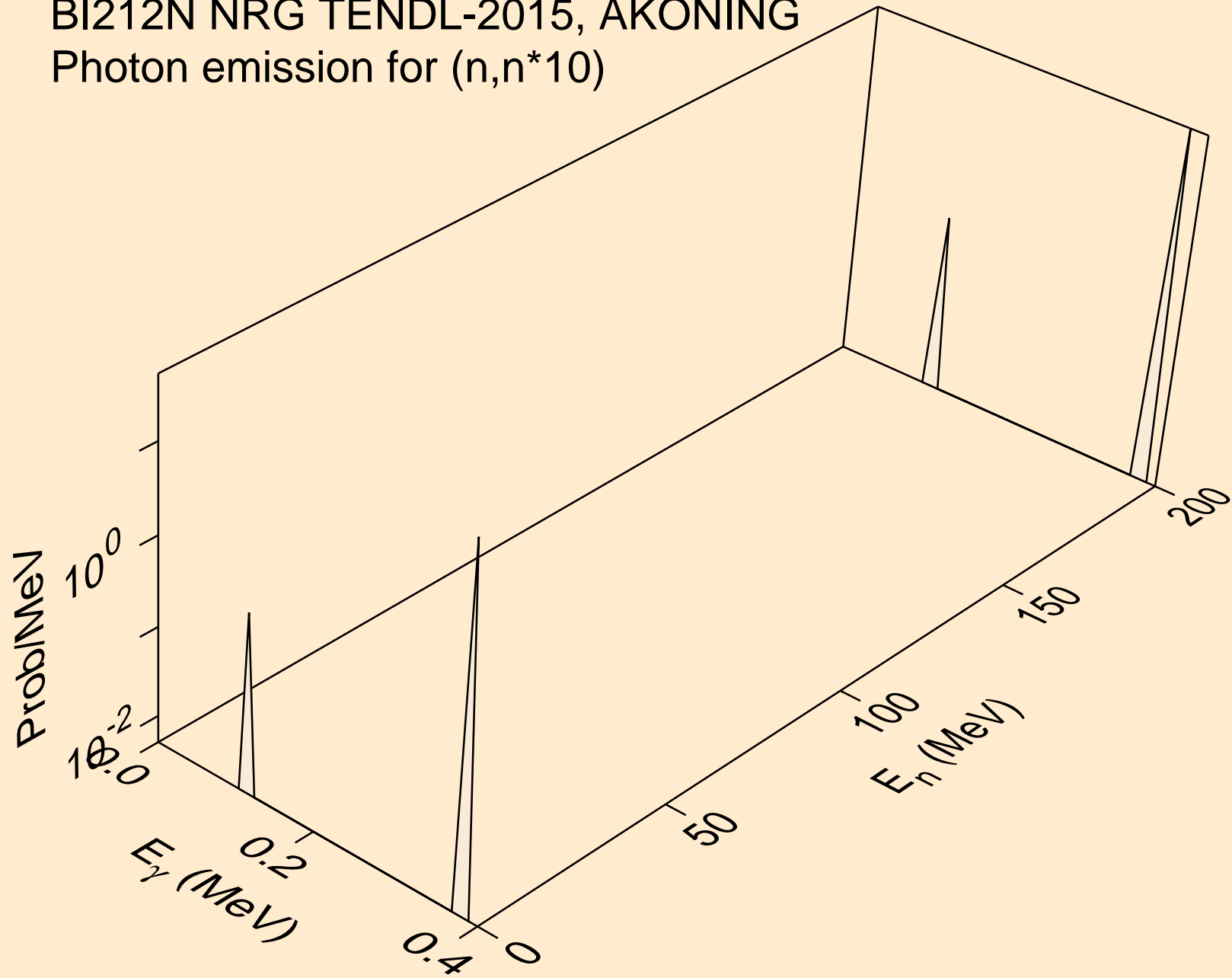
BI212N NRG TENDL-2015, AKONING  
Photon emission for (n,n\*8)



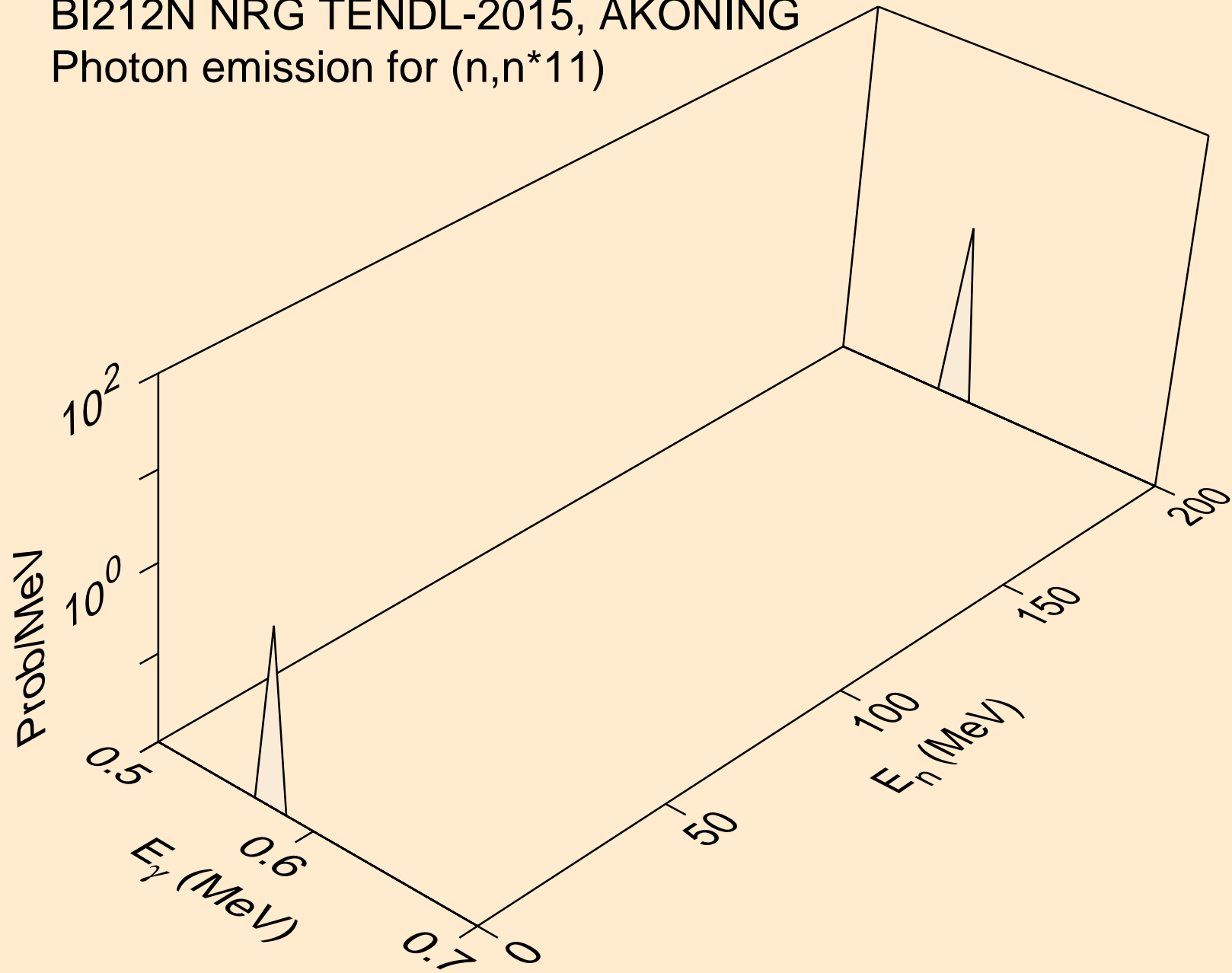
BI212N NRG TENDL-2015, AKONING  
Photon emission for (n,n\*9)



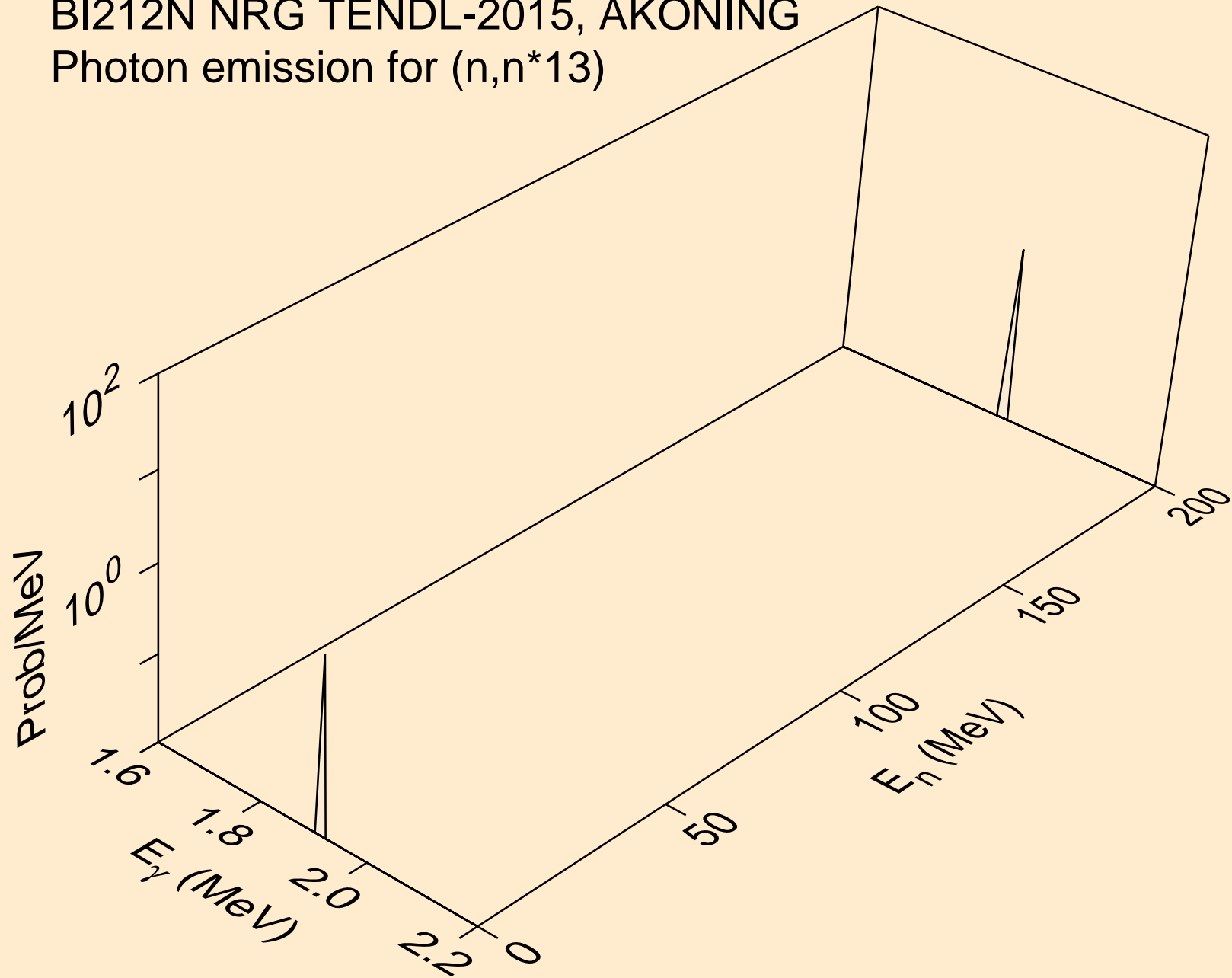
BI212N NRG TENDL-2015, AKONING  
Photon emission for (n,n\*10)



BI212N NRG TENDL-2015, AKONING  
Photon emission for (n,n\*11)

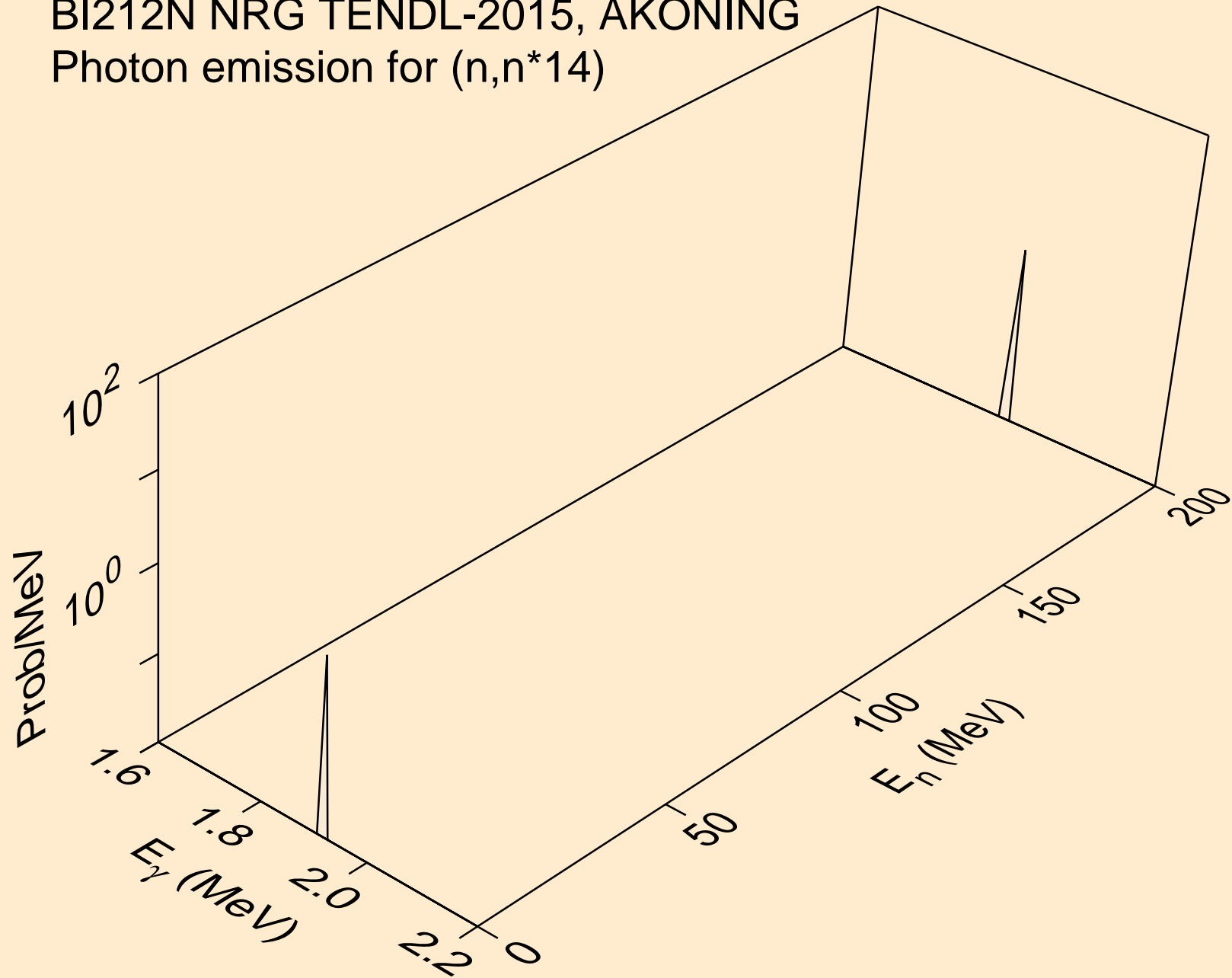


BI212N NRG TENDL-2015, AKONING  
Photon emission for (n,n\*13)

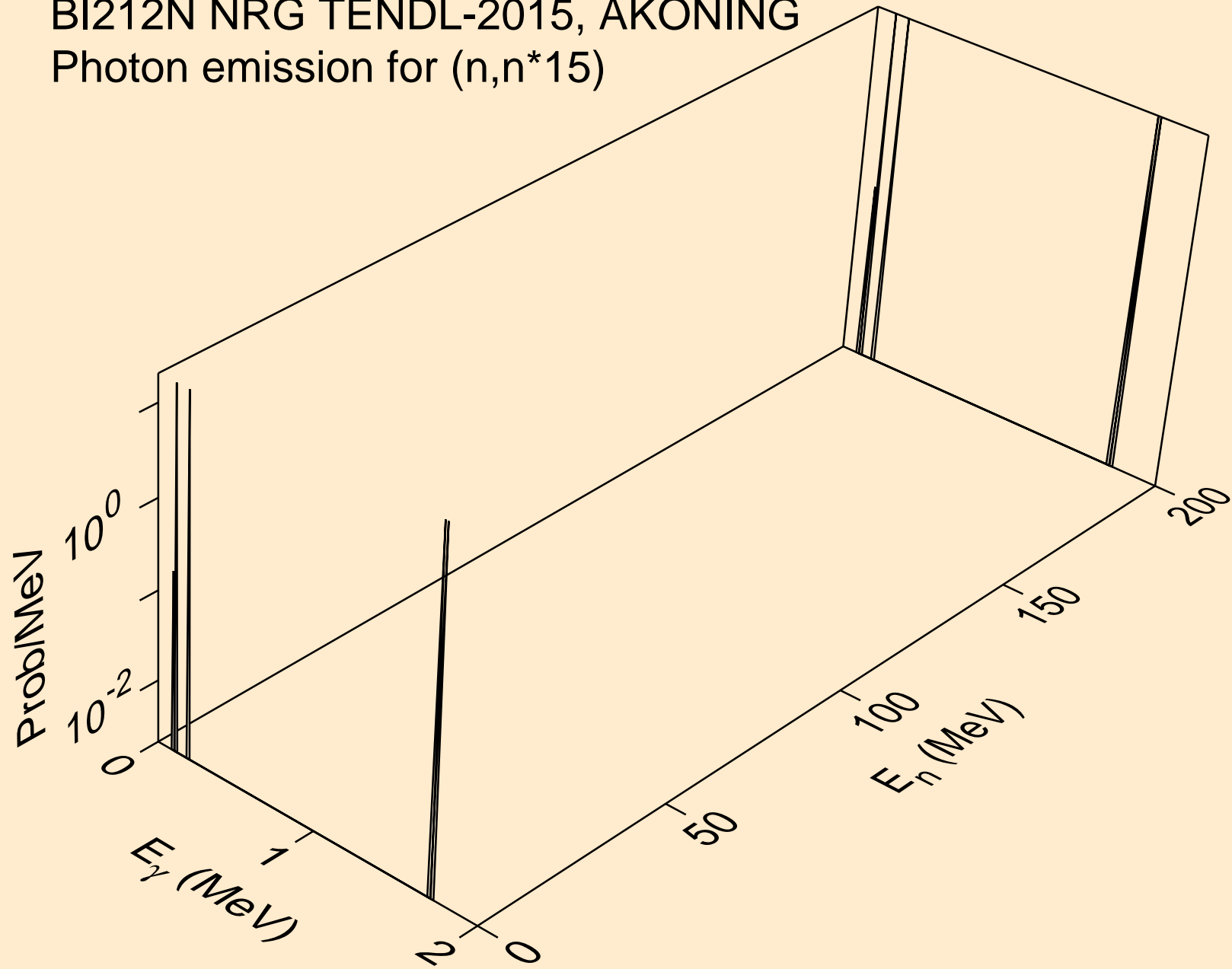




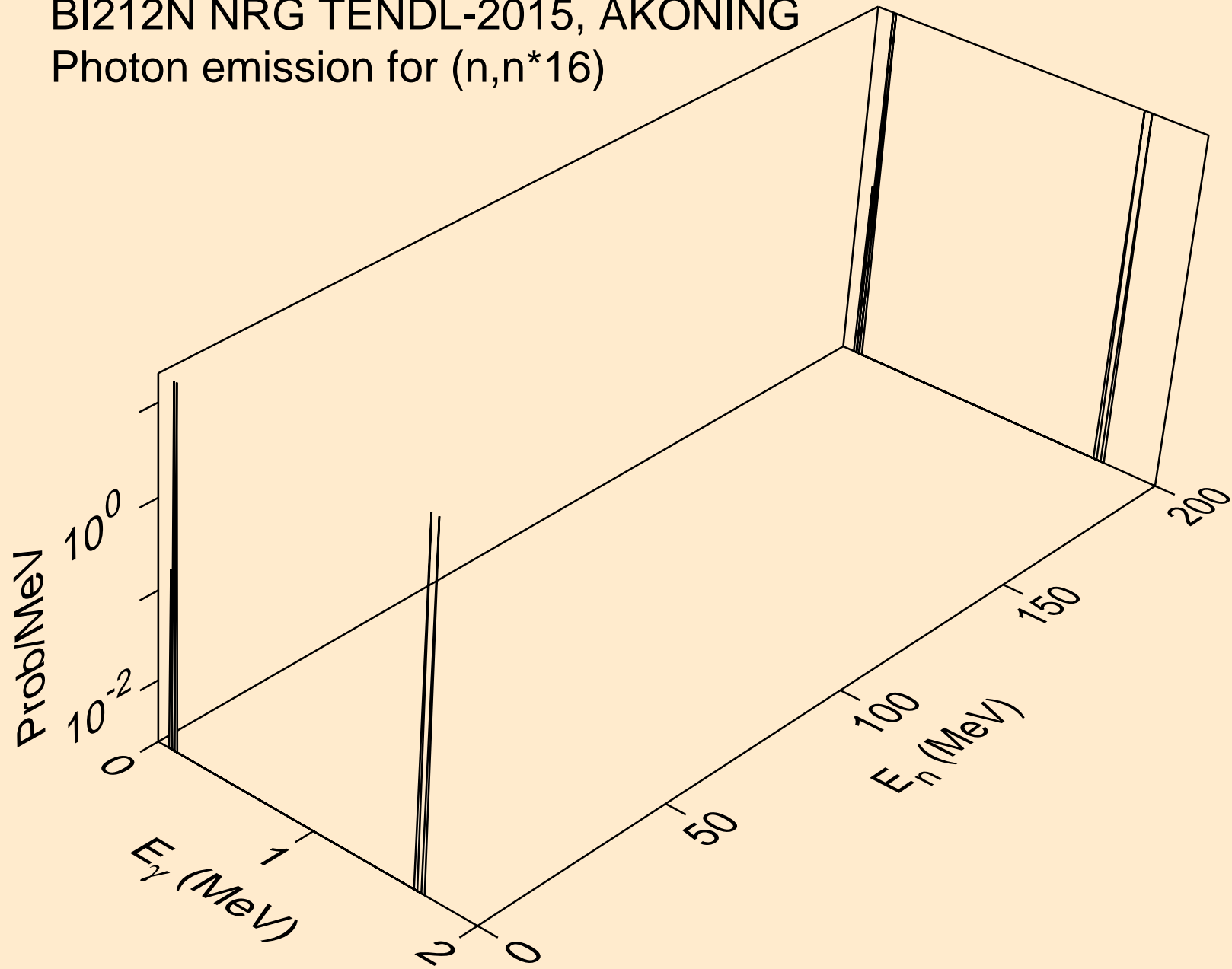
BI212N NRG TENDL-2015, AKONING  
Photon emission for (n,n\*14)



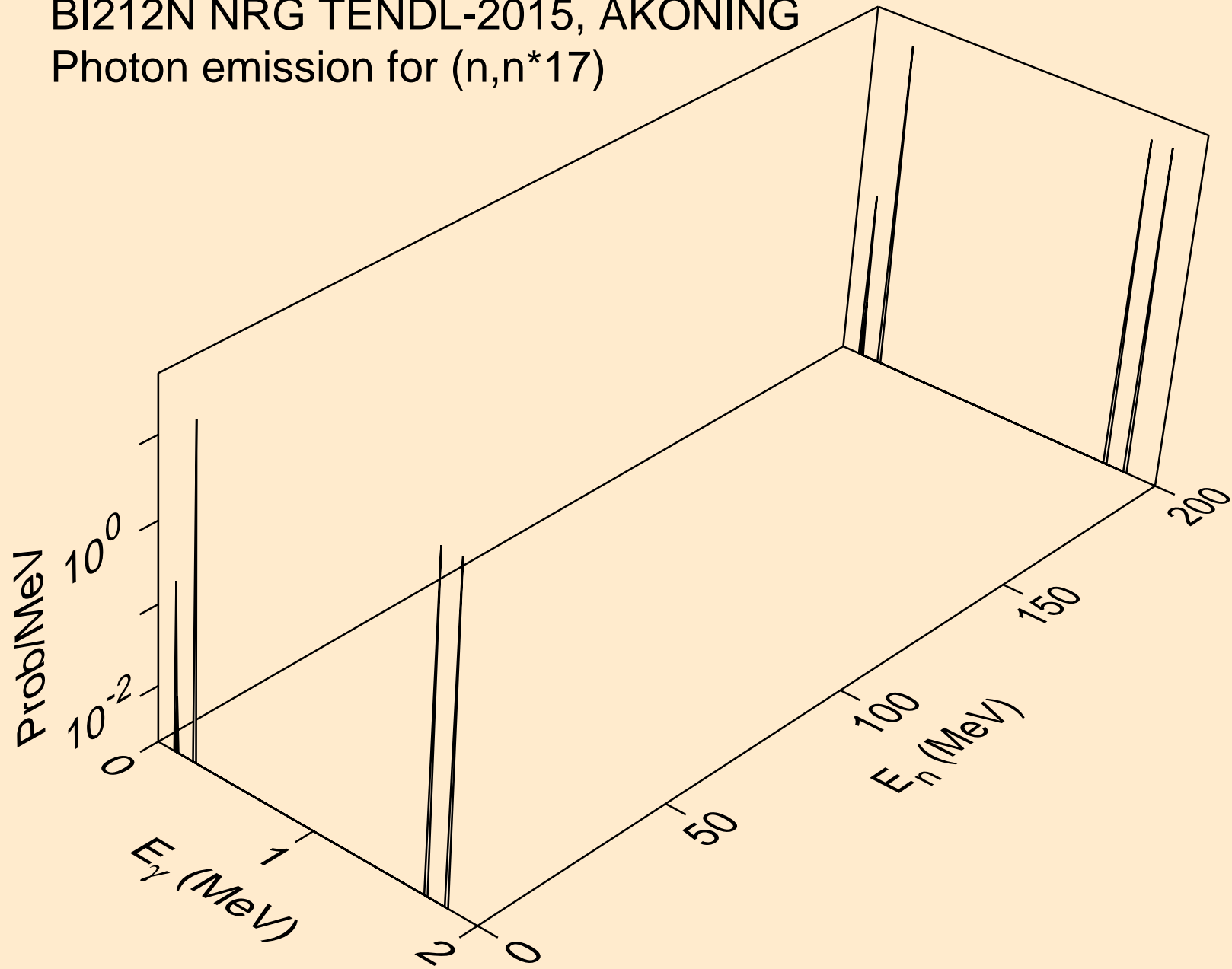
BI212N NRG TENDL-2015, AKONING  
Photon emission for (n,n\*15)



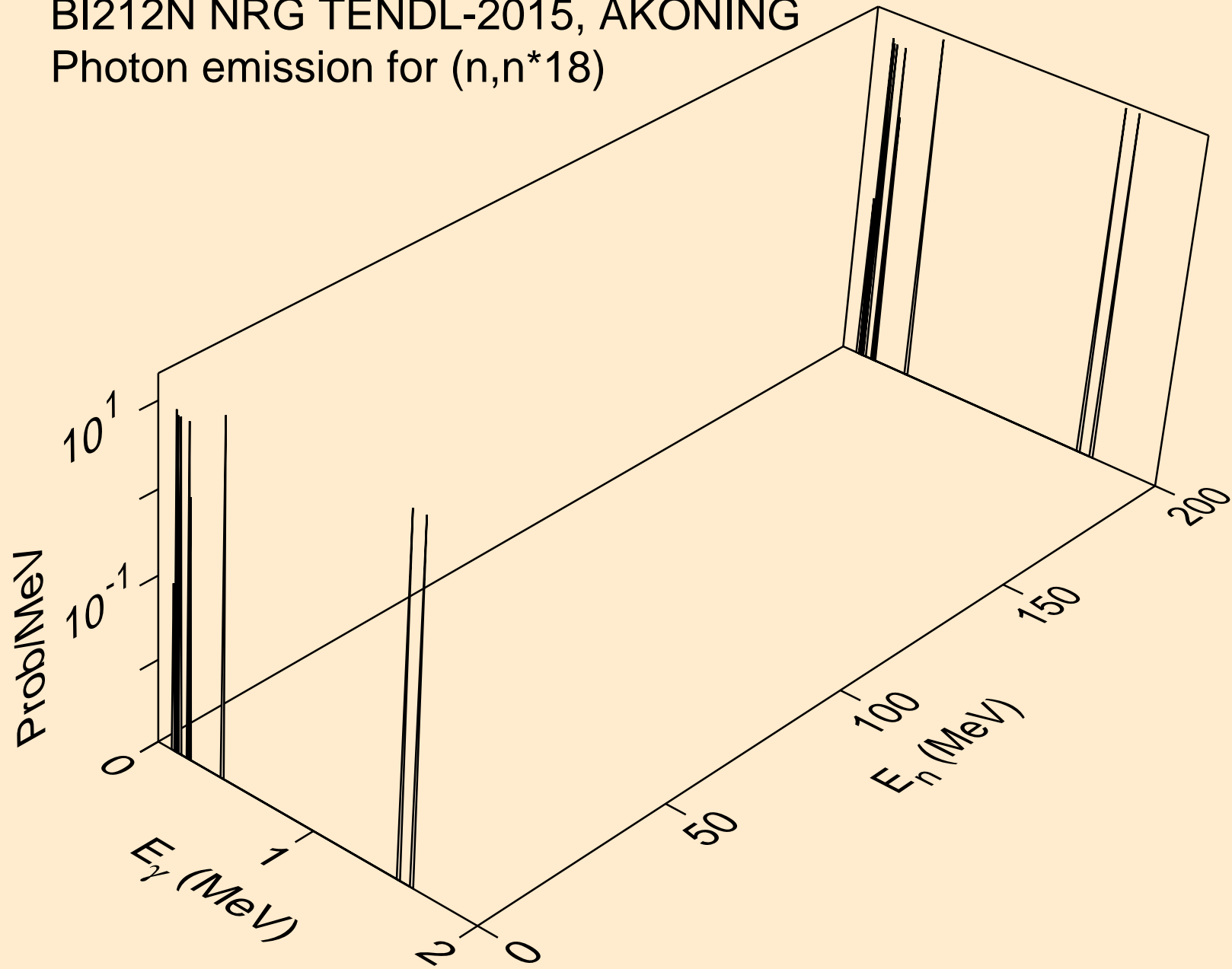
BI212N NRG TENDL-2015, AKONING  
Photon emission for (n,n\*16)



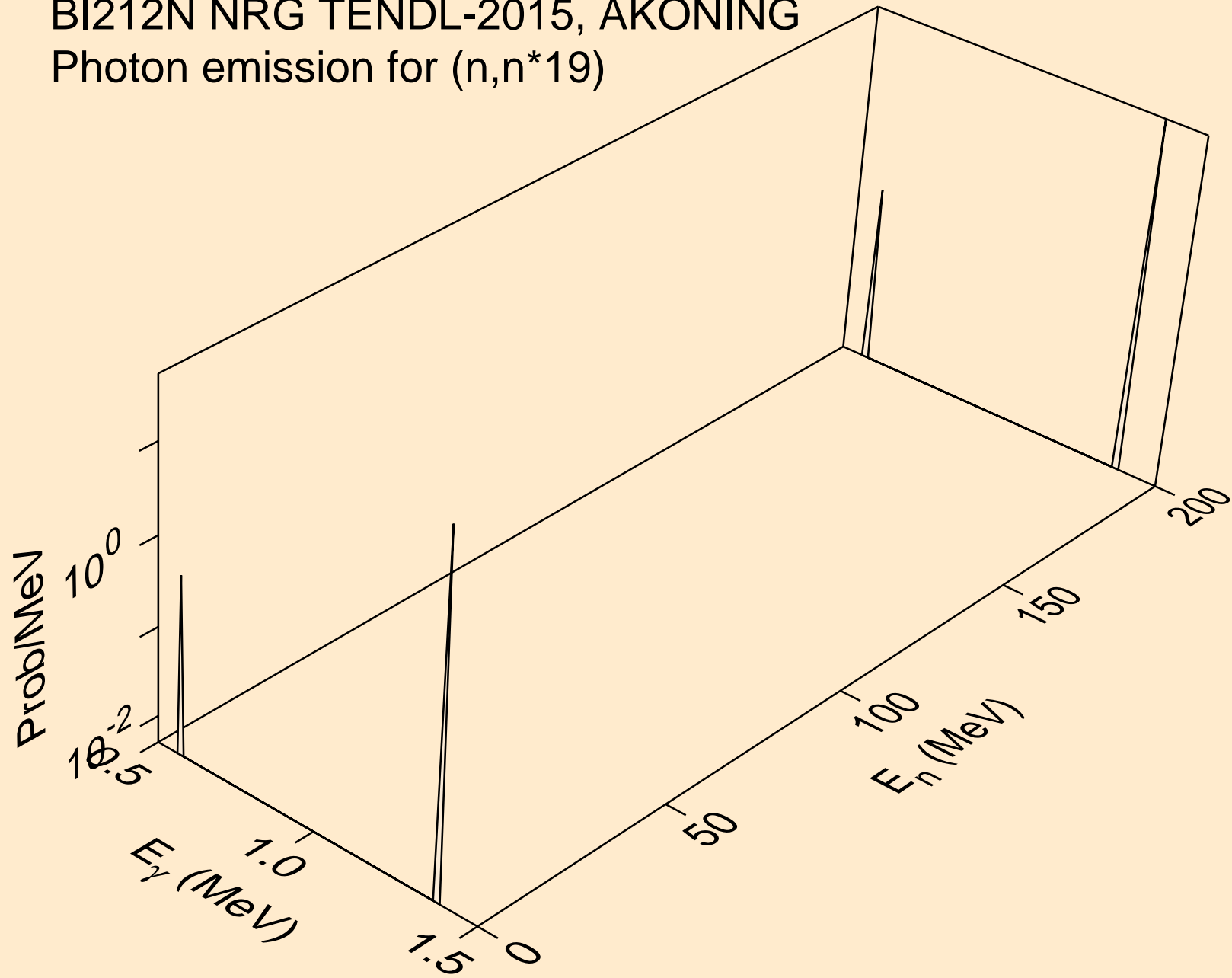
BI212N NRG TENDL-2015, AKONING  
Photon emission for (n,n\*17)



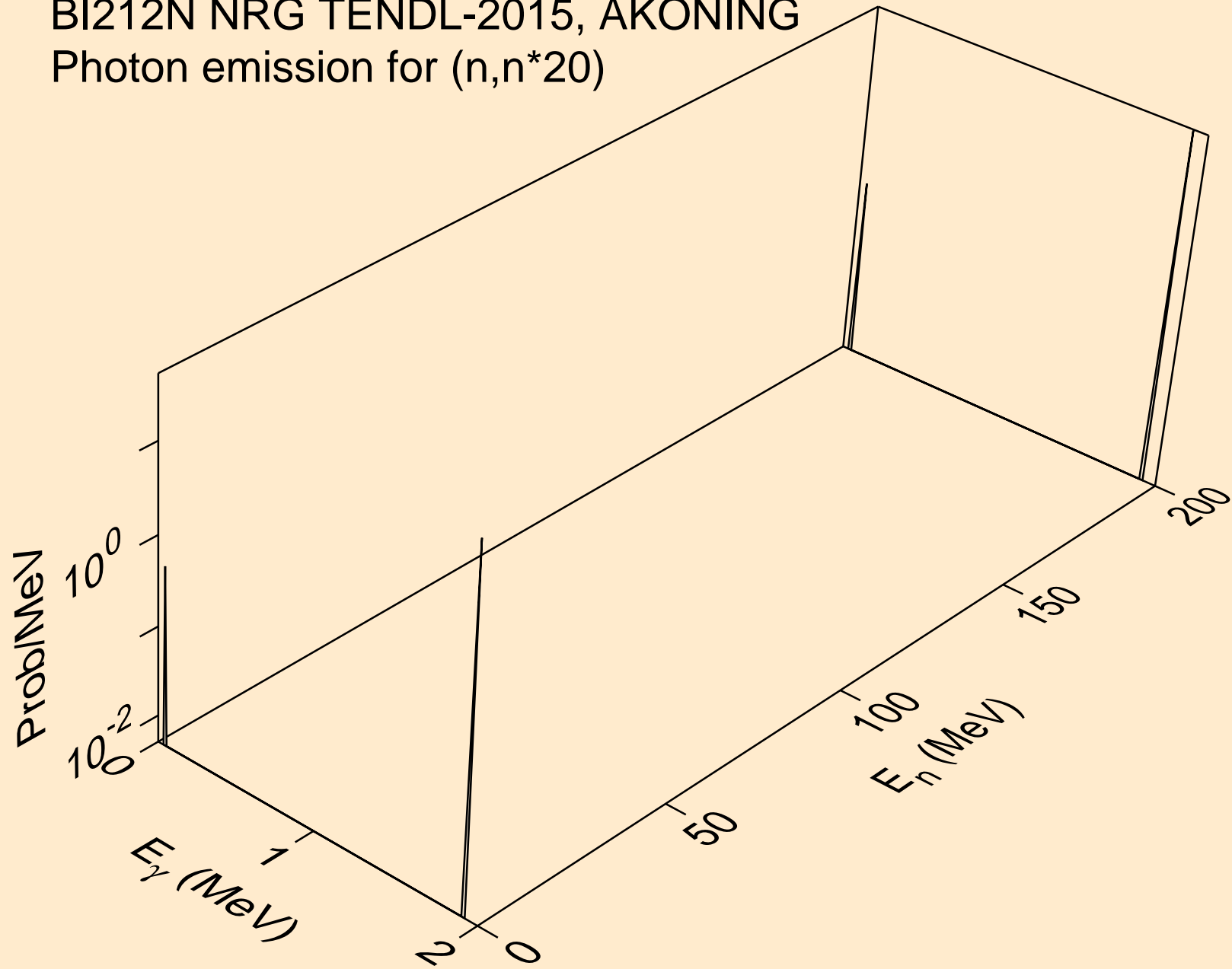
BI212N NRG TENDL-2015, AKONING  
Photon emission for (n,n\*18)



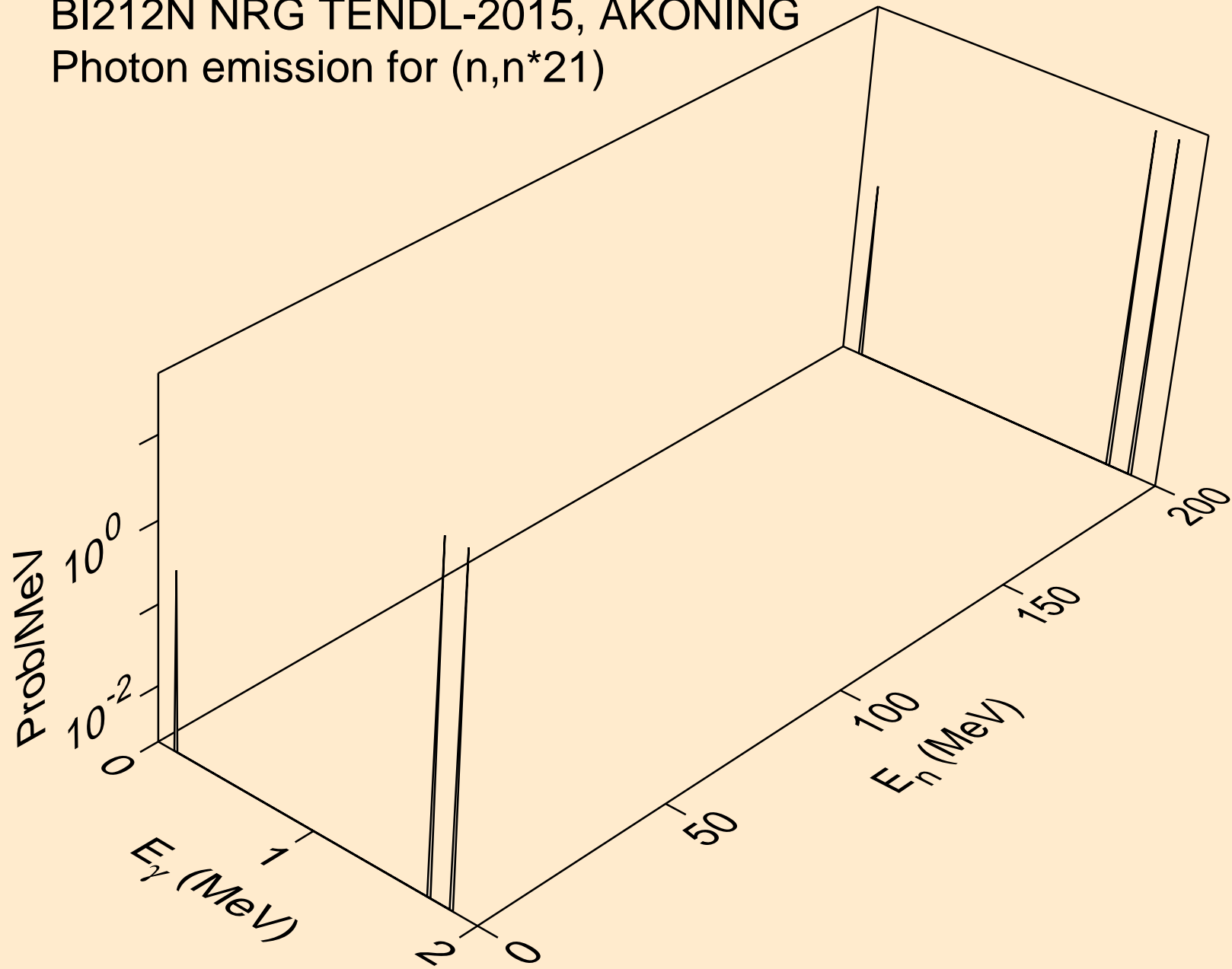
BI212N NRG TENDL-2015, AKONING  
Photon emission for (n,n\*19)



BI212N NRG TENDL-2015, AKONING  
Photon emission for (n,n\*20)

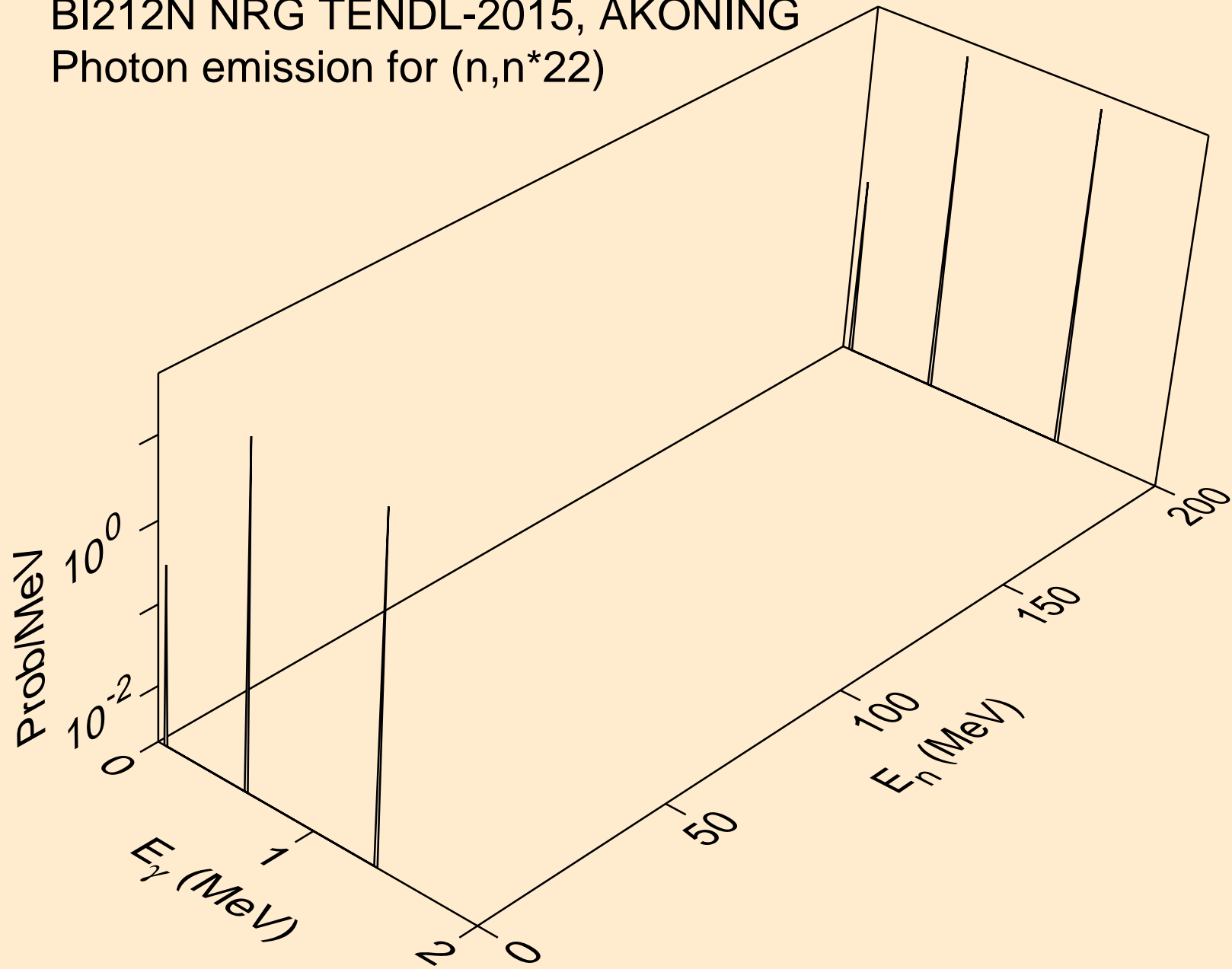


BI212N NRG TENDL-2015, AKONING  
Photon emission for (n,n\*21)

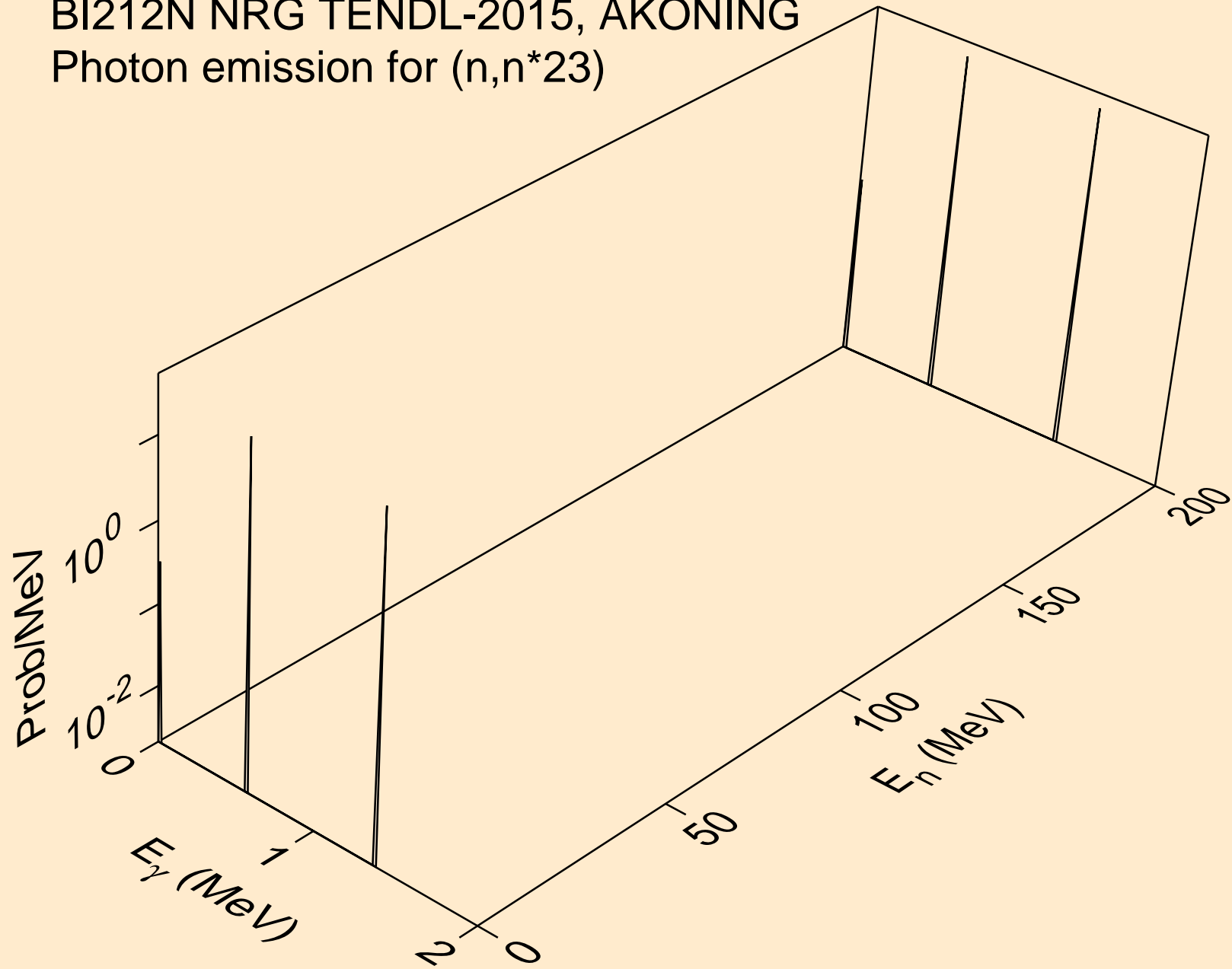




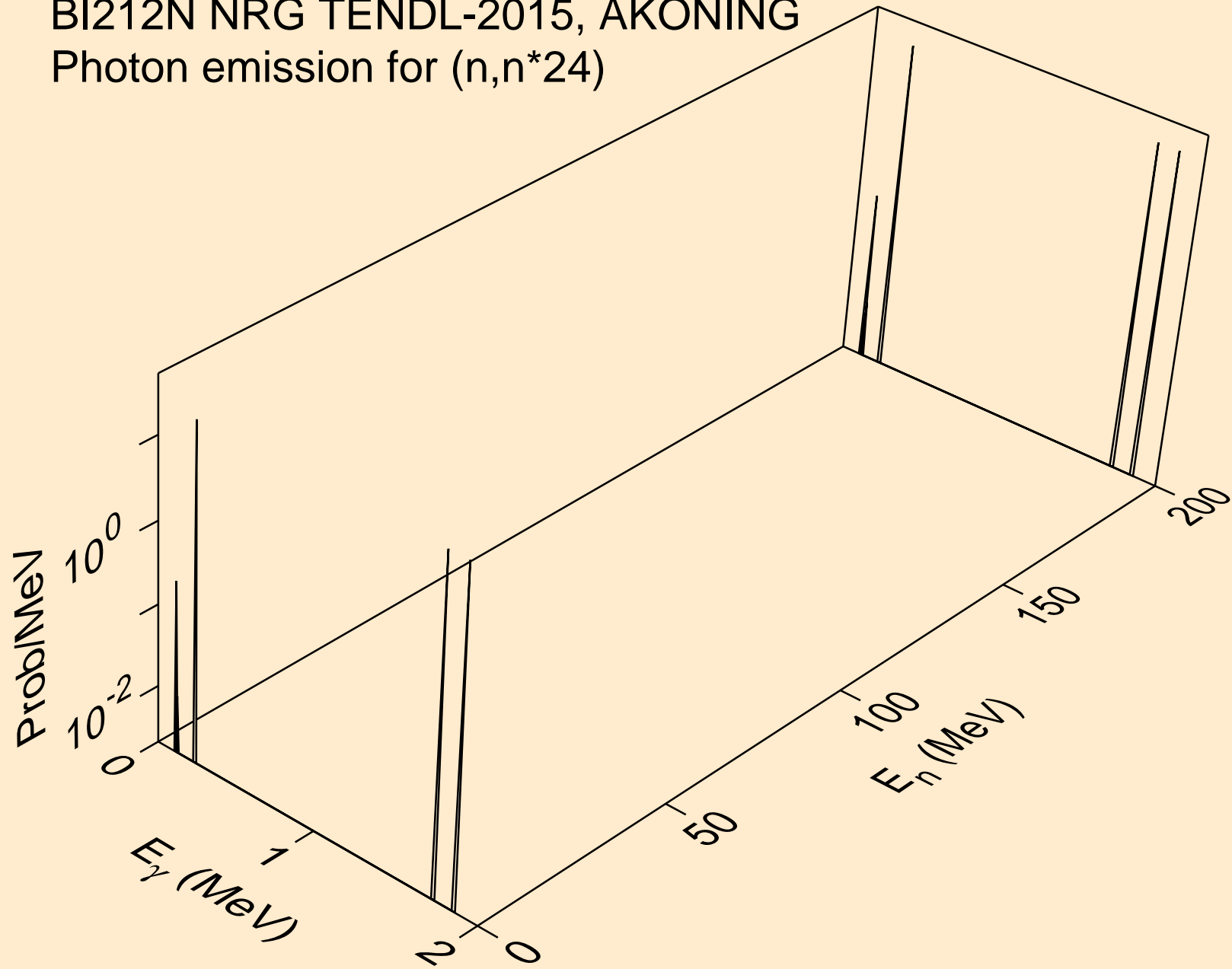
BI212N NRG TENDL-2015, AKONING  
Photon emission for (n,n\*22)



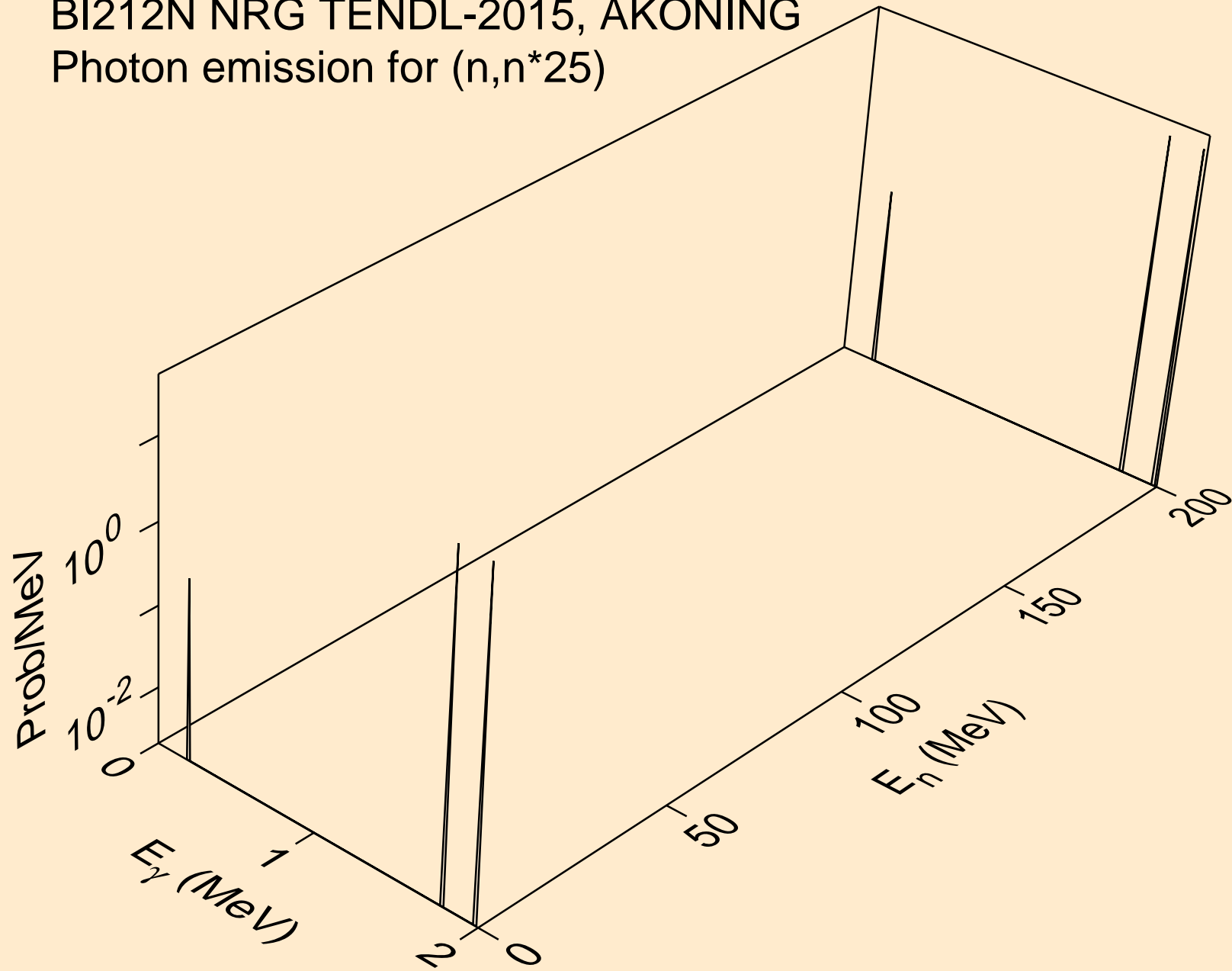
BI212N NRG TENDL-2015, AKONING  
Photon emission for (n,n\*23)



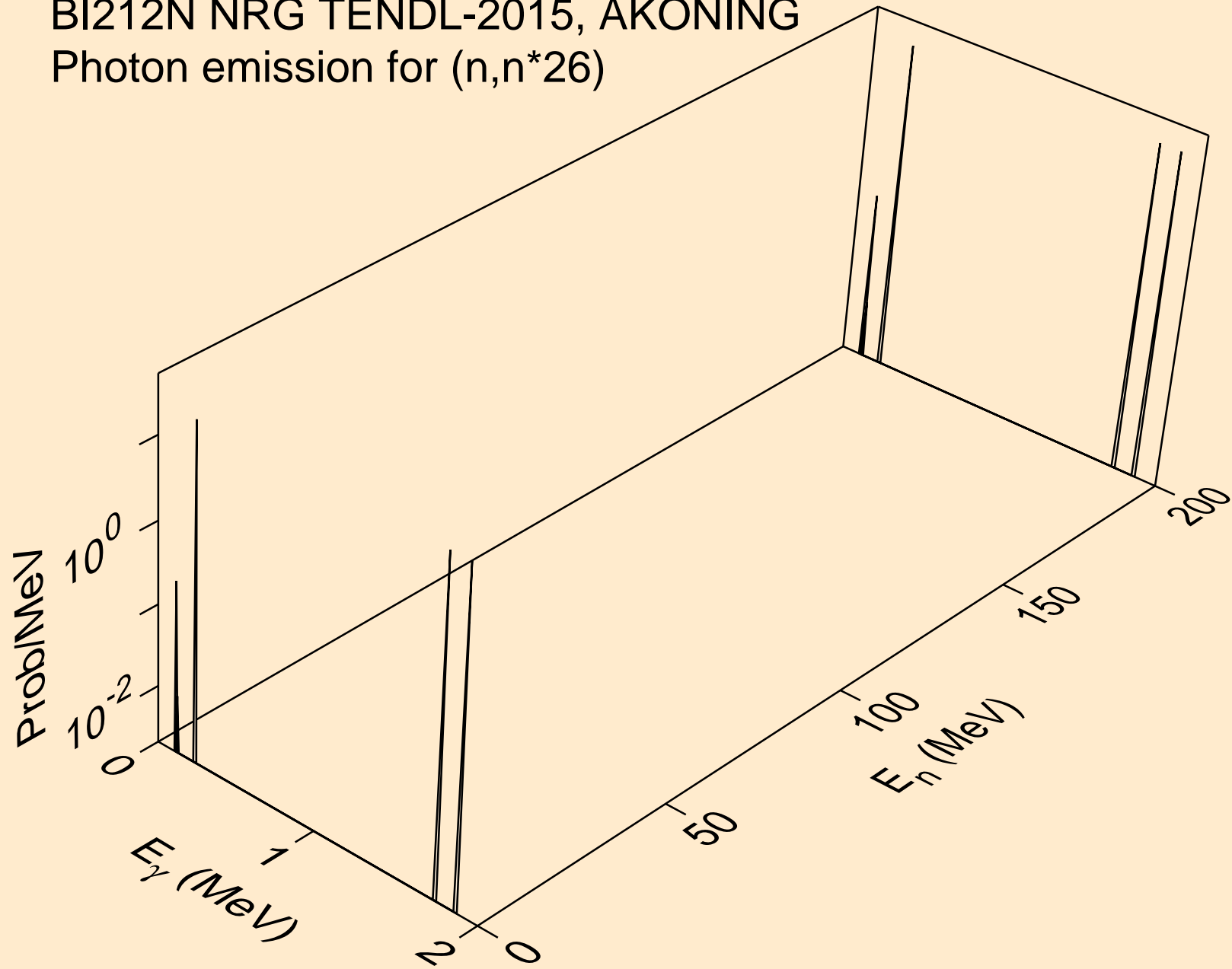
BI212N NRG TENDL-2015, AKONING  
Photon emission for (n,n\*24)



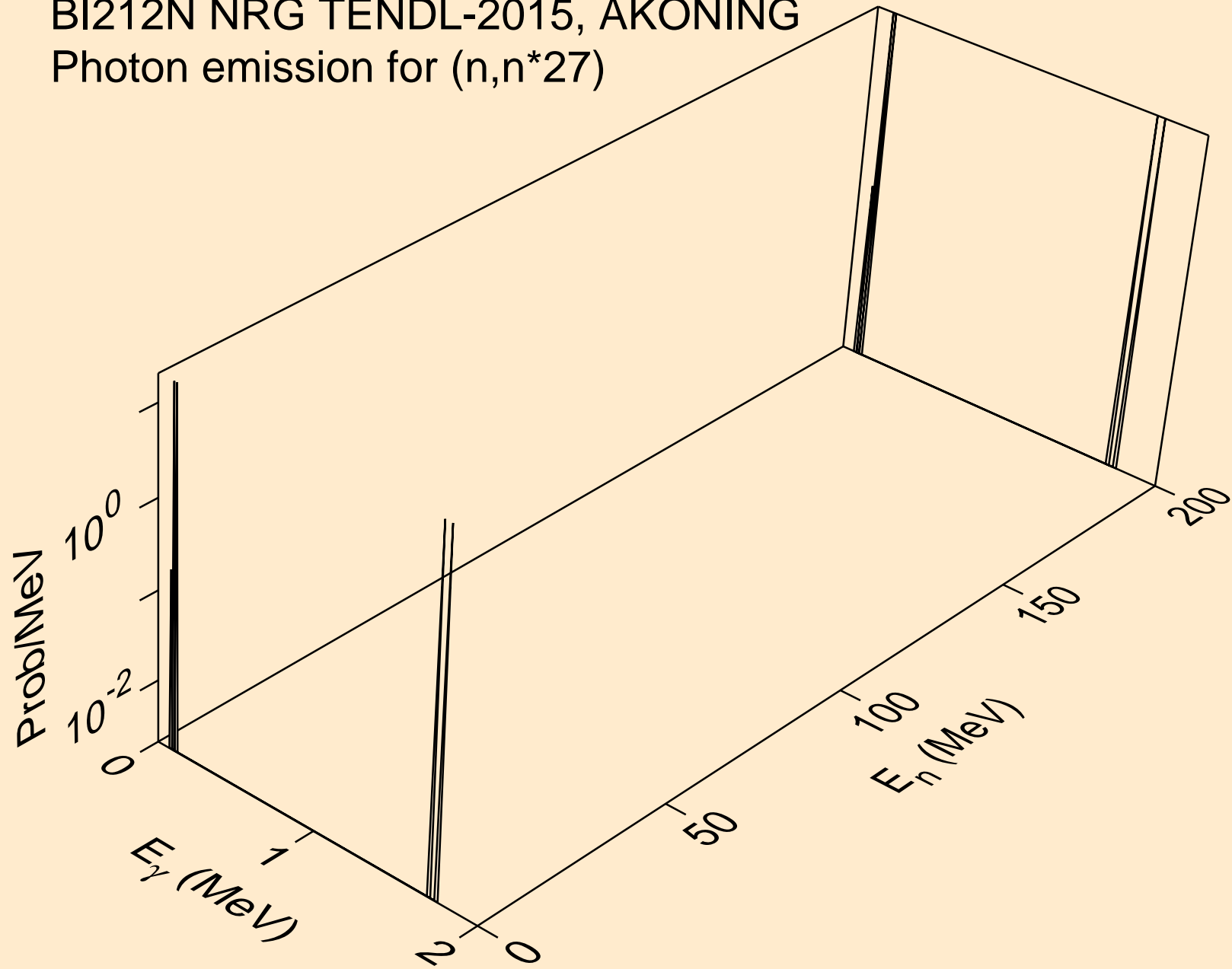
BI212N NRG TENDL-2015, AKONING  
Photon emission for (n,n\*25)



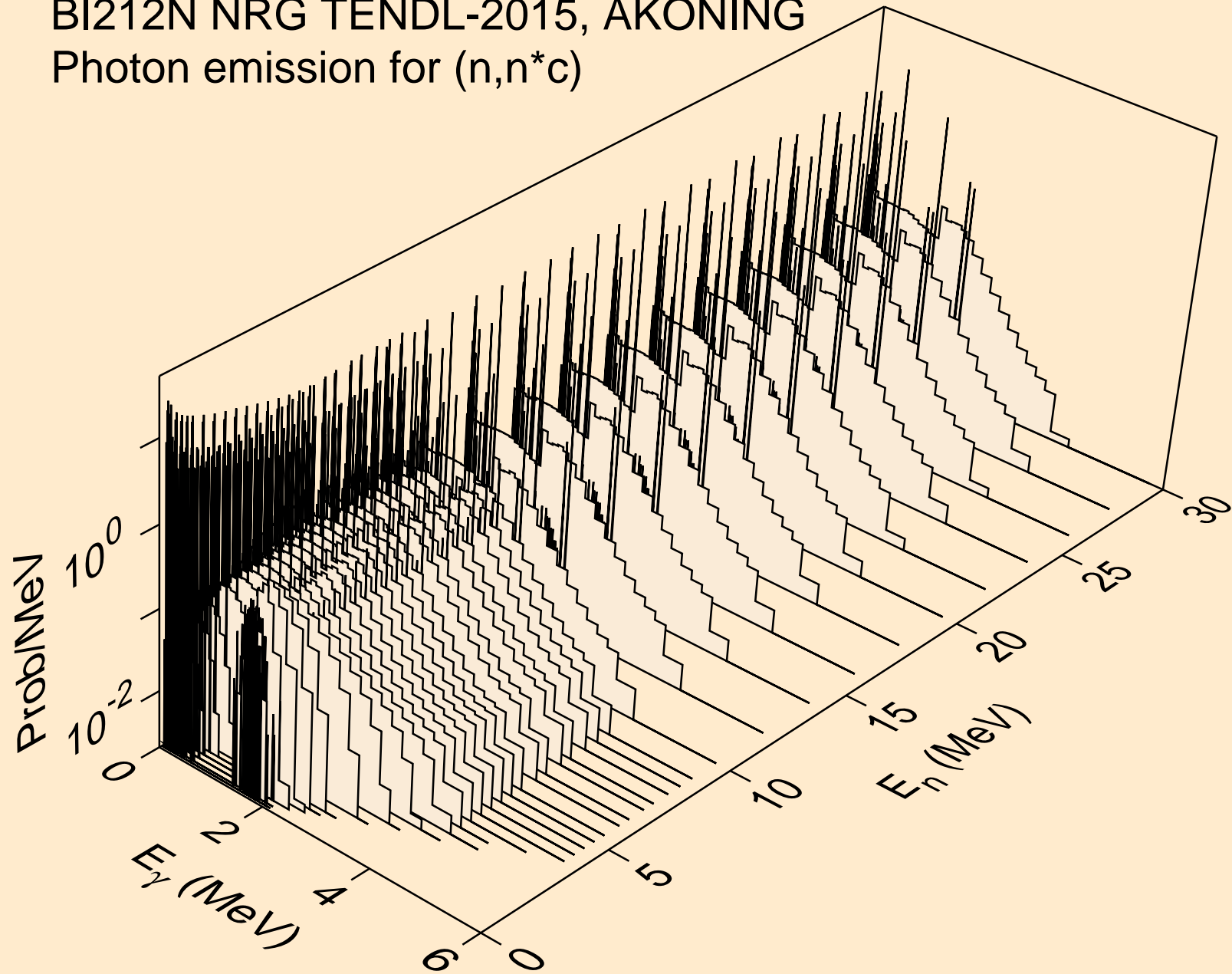
BI212N NRG TENDL-2015, AKONING  
Photon emission for (n,n\*26)



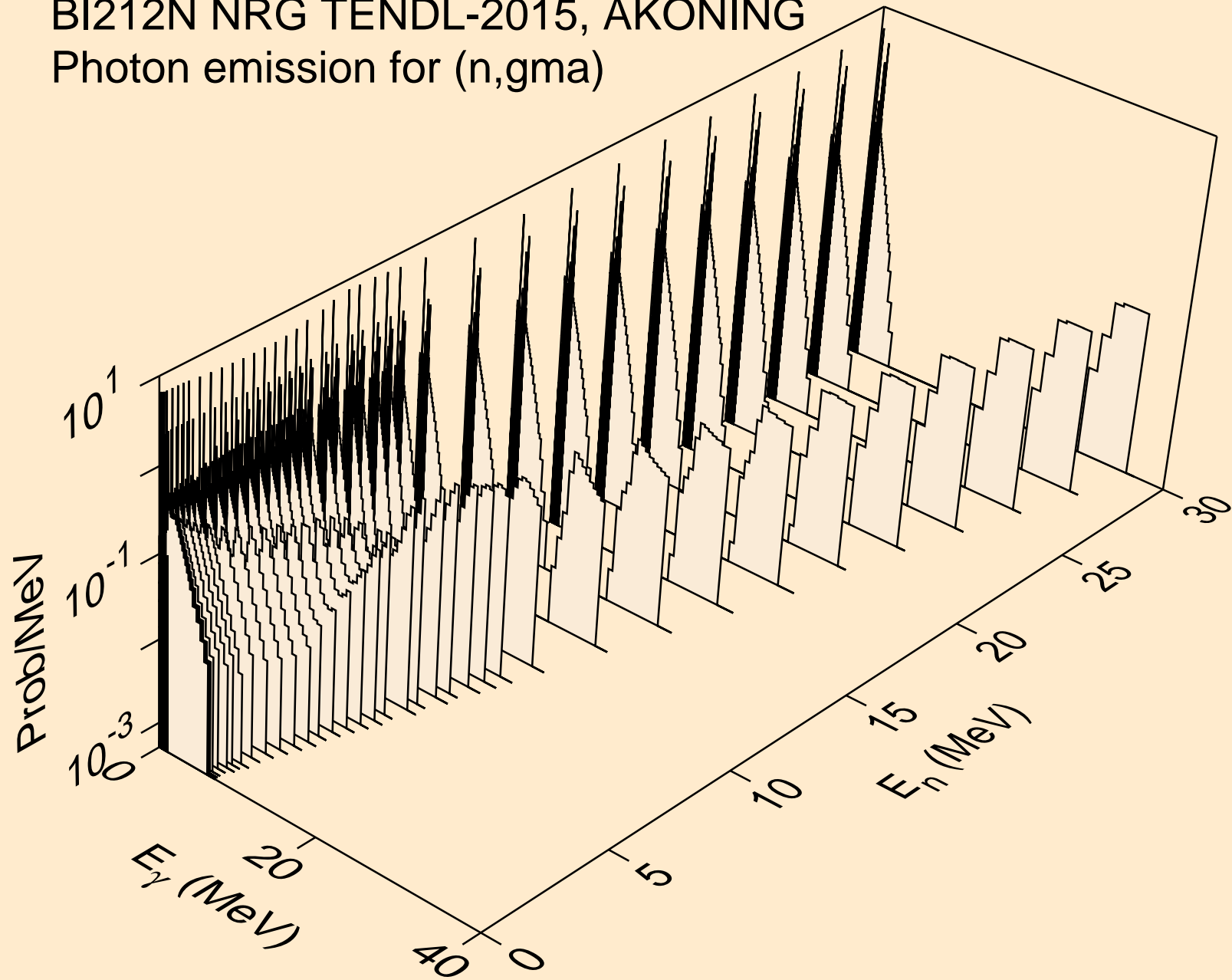
BI212N NRG TENDL-2015, AKONING  
Photon emission for (n,n\*27)



BI212N NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)

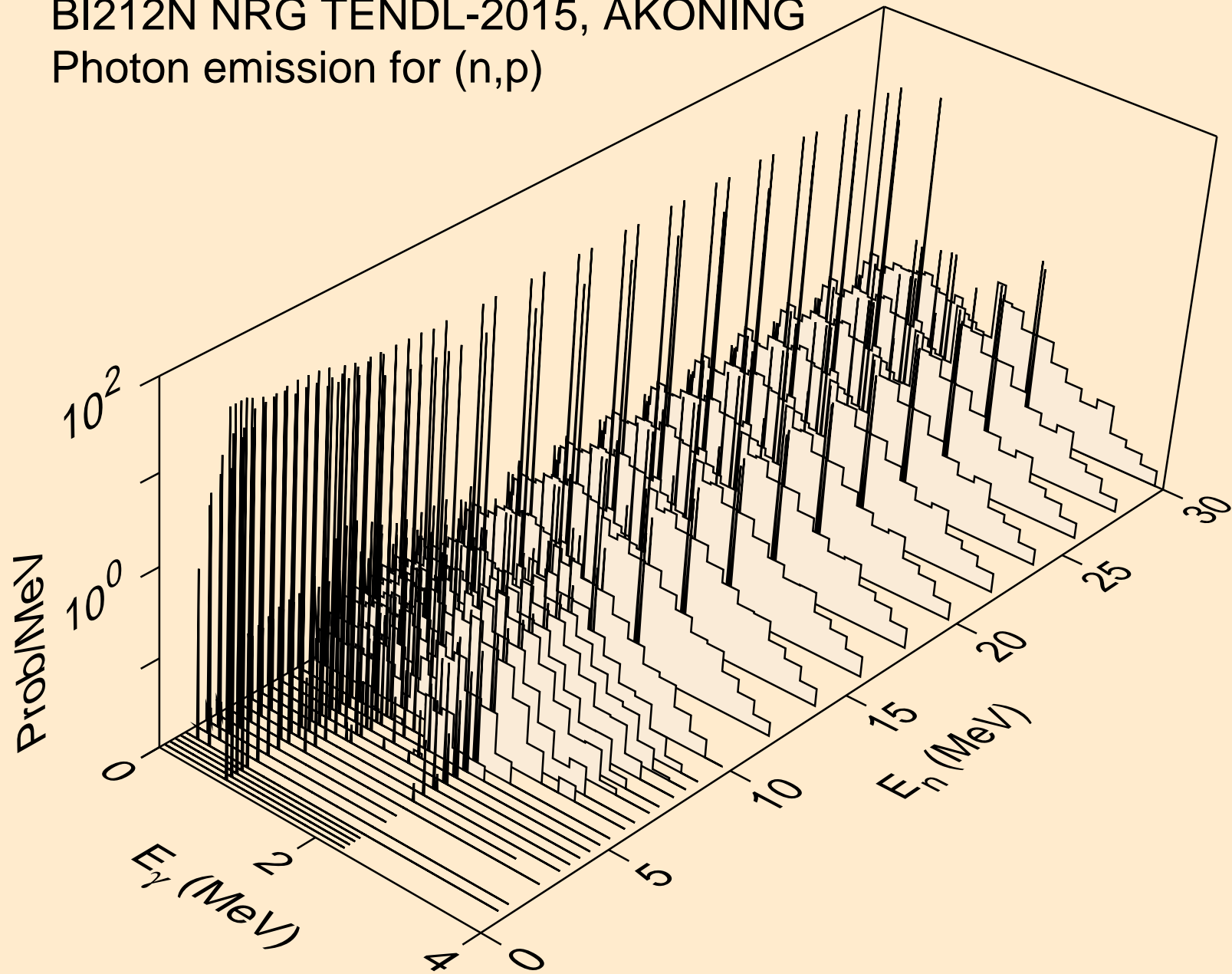


BI212N NRG TENDL-2015, AKONING  
Photon emission for (n,gma)

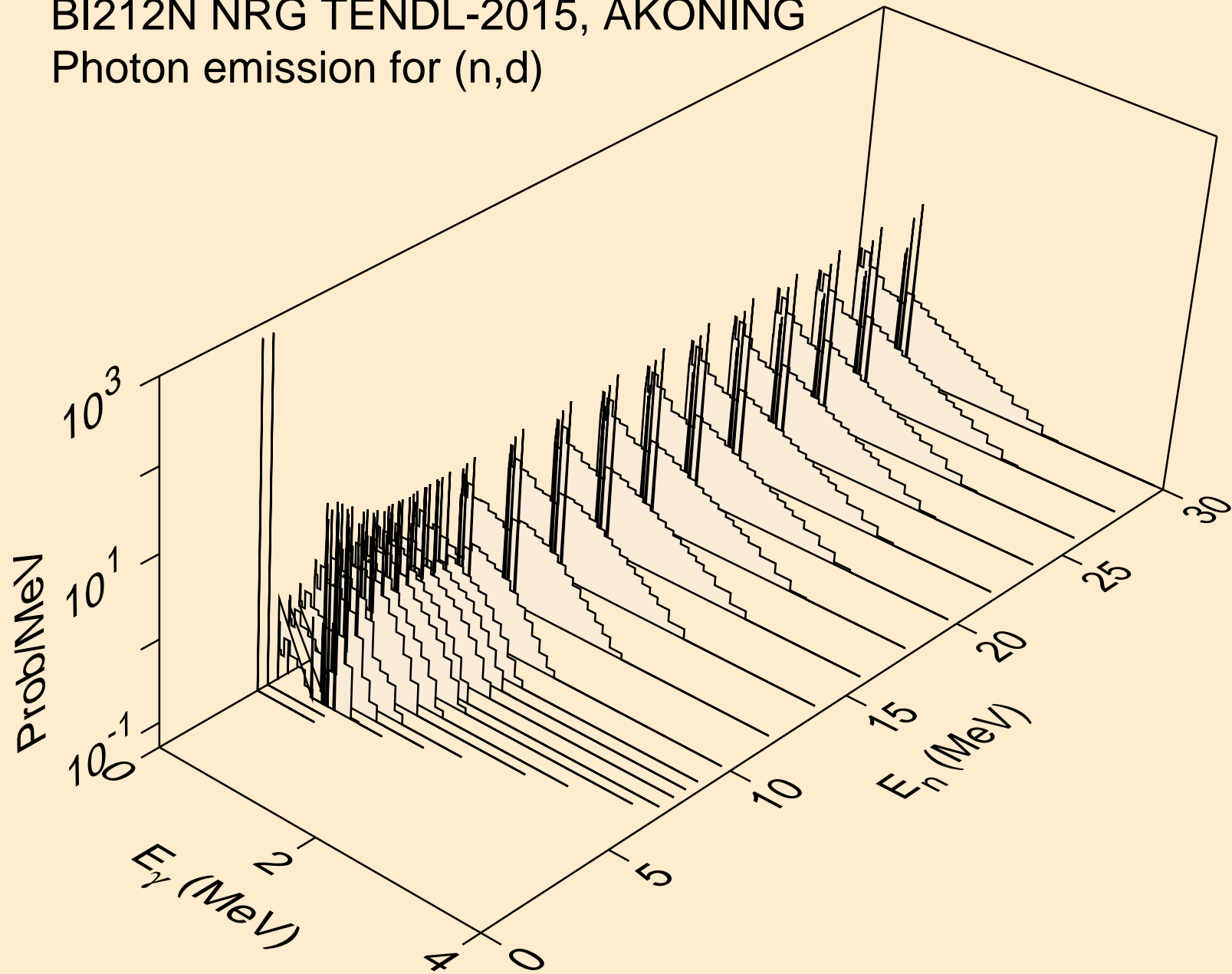




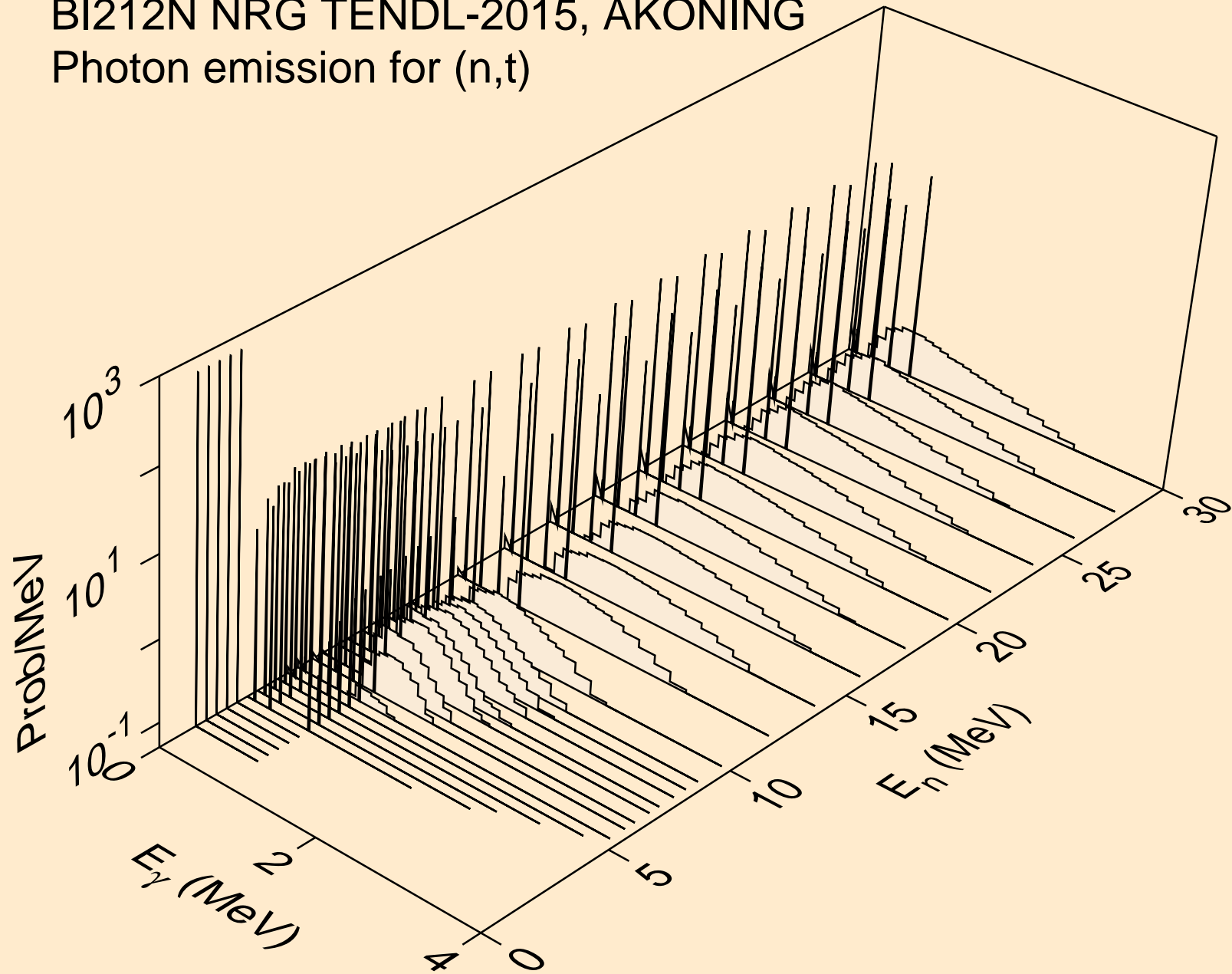
BI212N NRG TENDL-2015, AKONING  
Photon emission for (n,p)



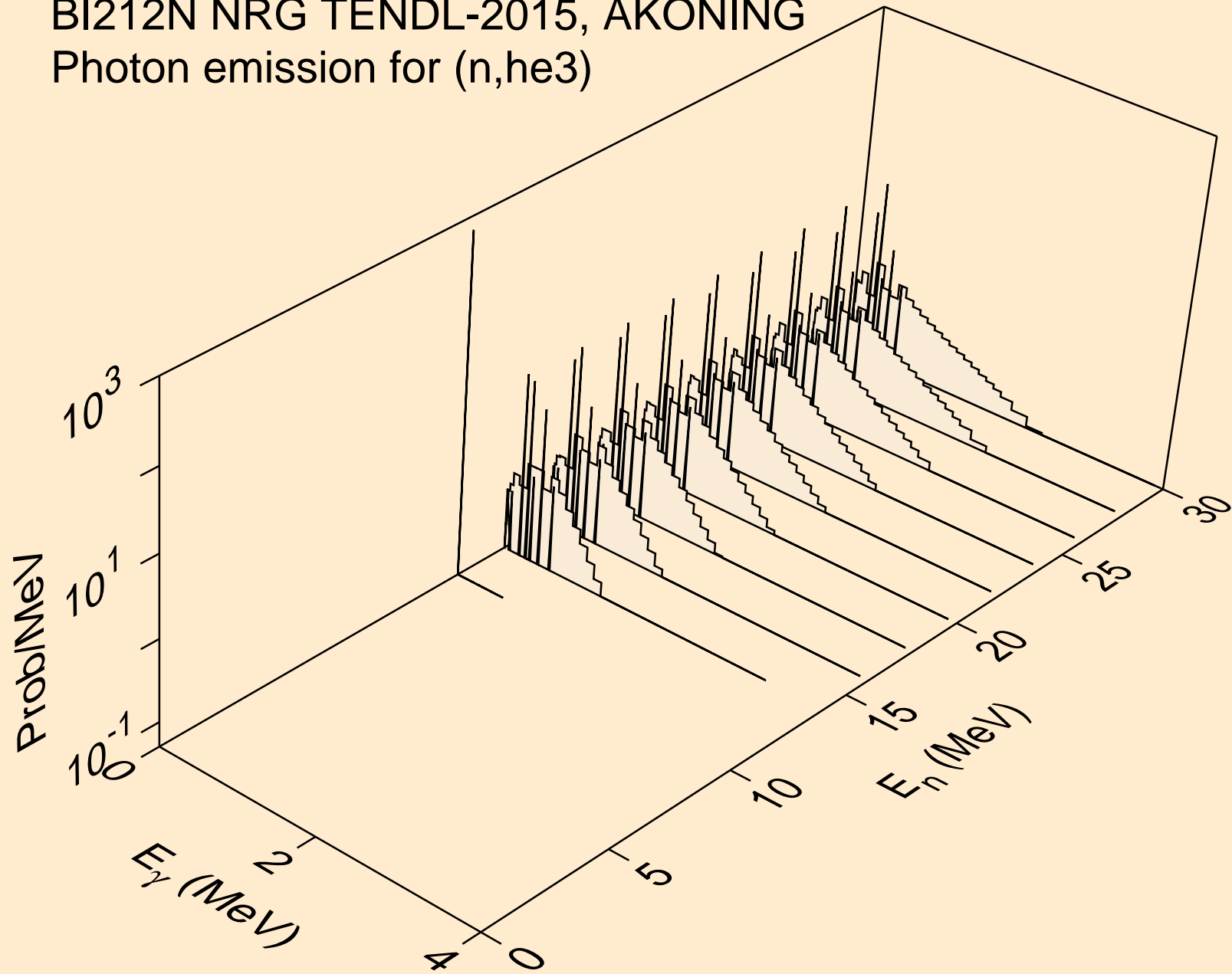
BI212N NRG TENDL-2015, AKONING  
Photon emission for (n,d)



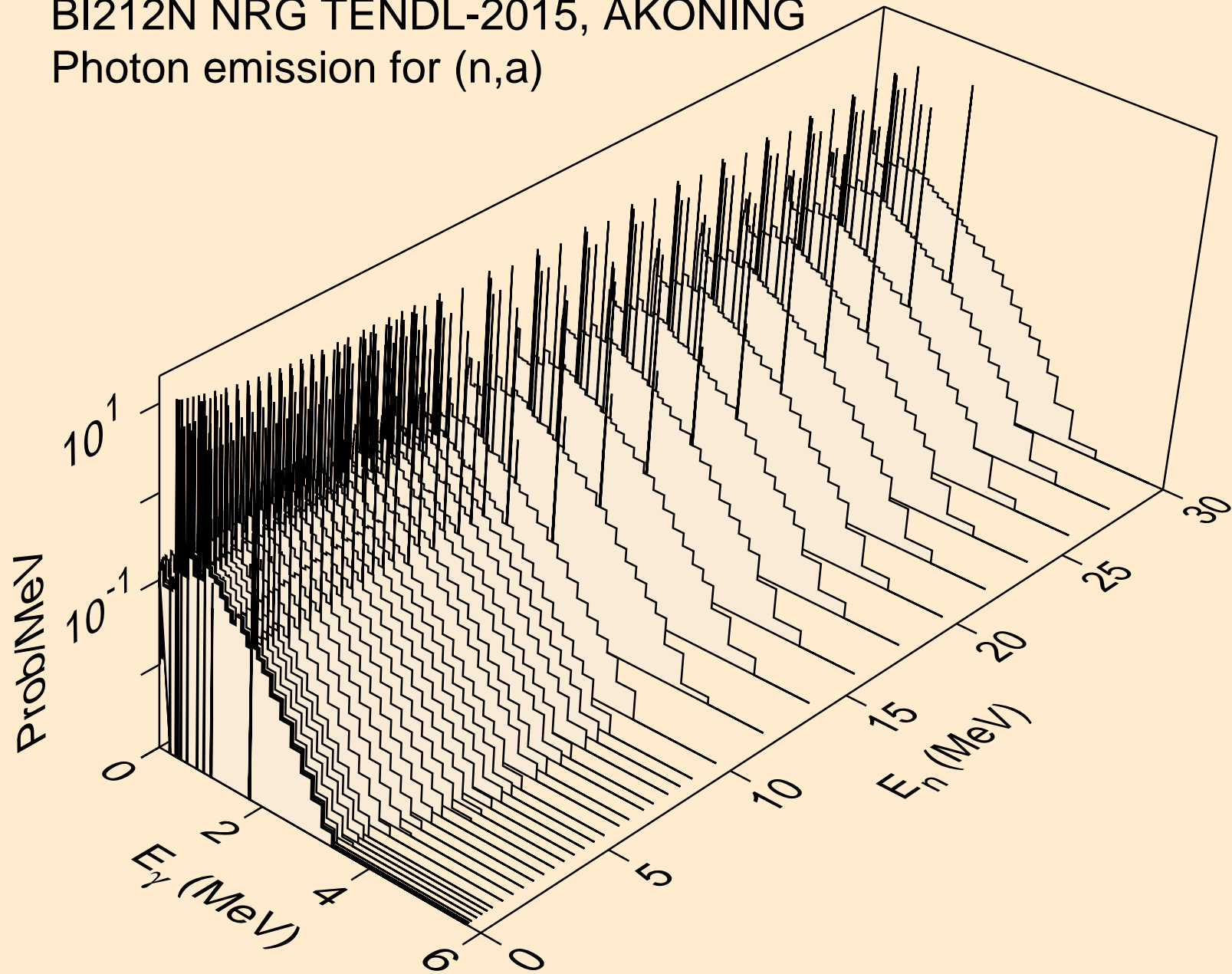
BI212N NRG TENDL-2015, AKONING  
Photon emission for (n,t)



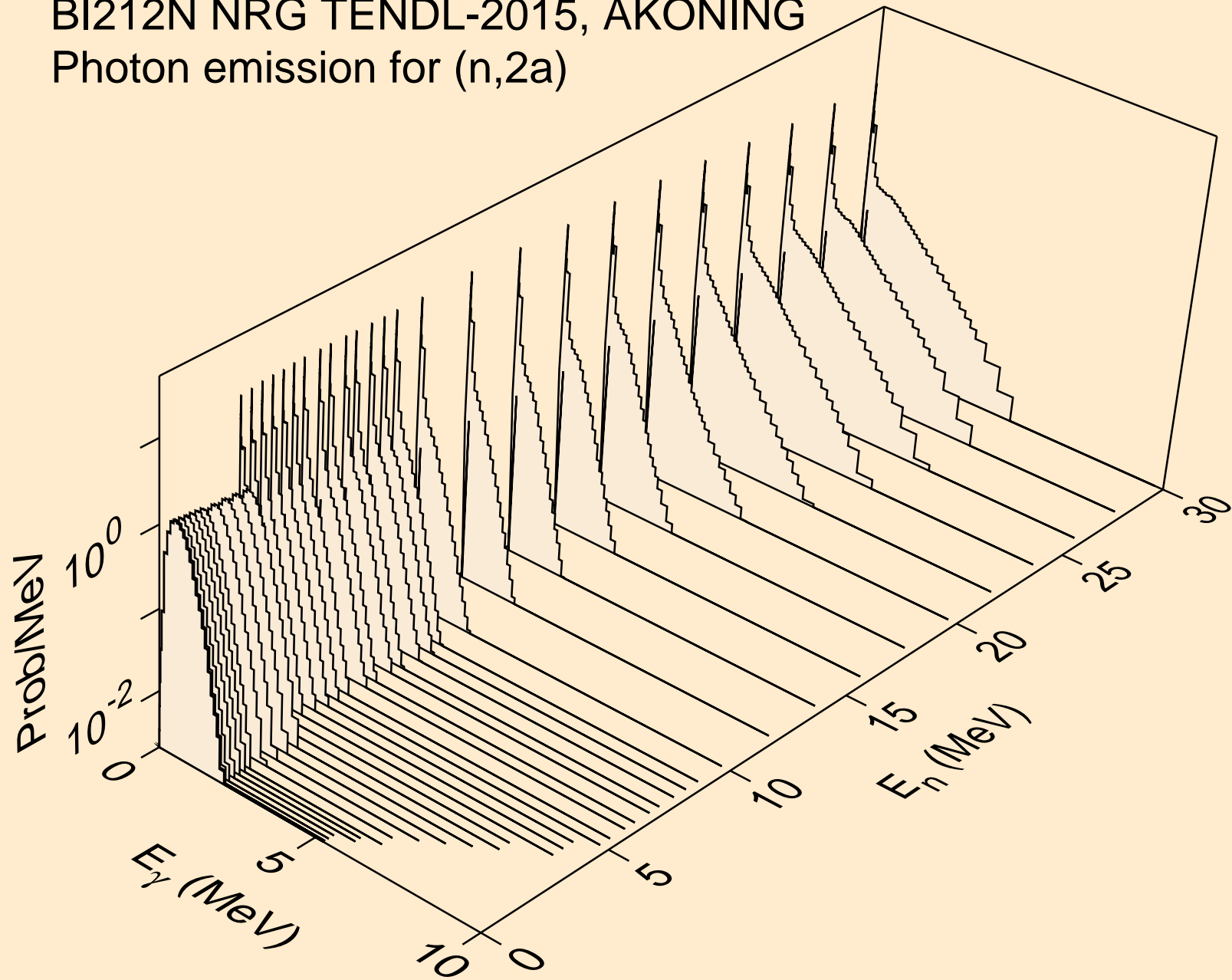
BI212N NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



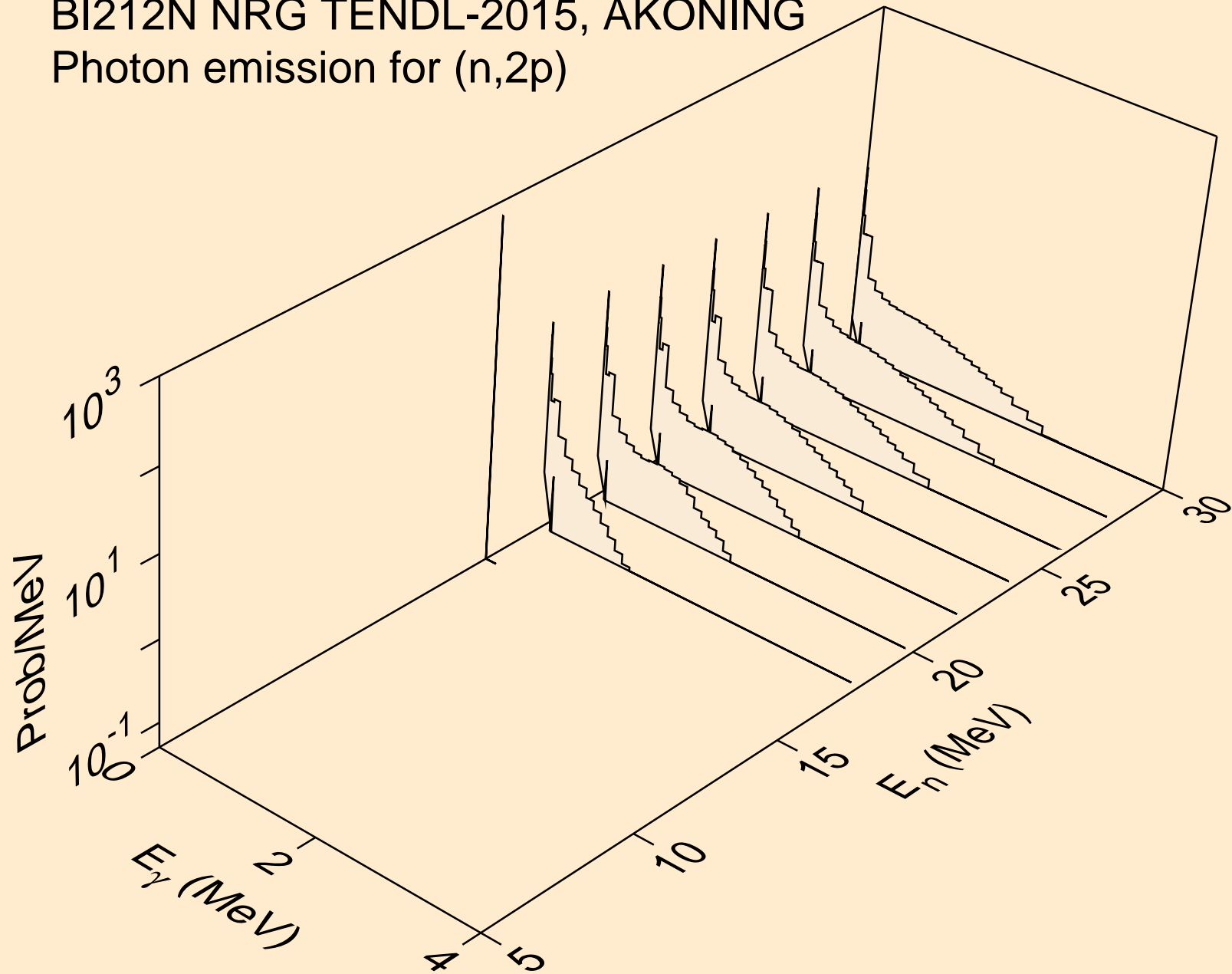
BI212N NRG TENDL-2015, AKONING  
Photon emission for (n,a)



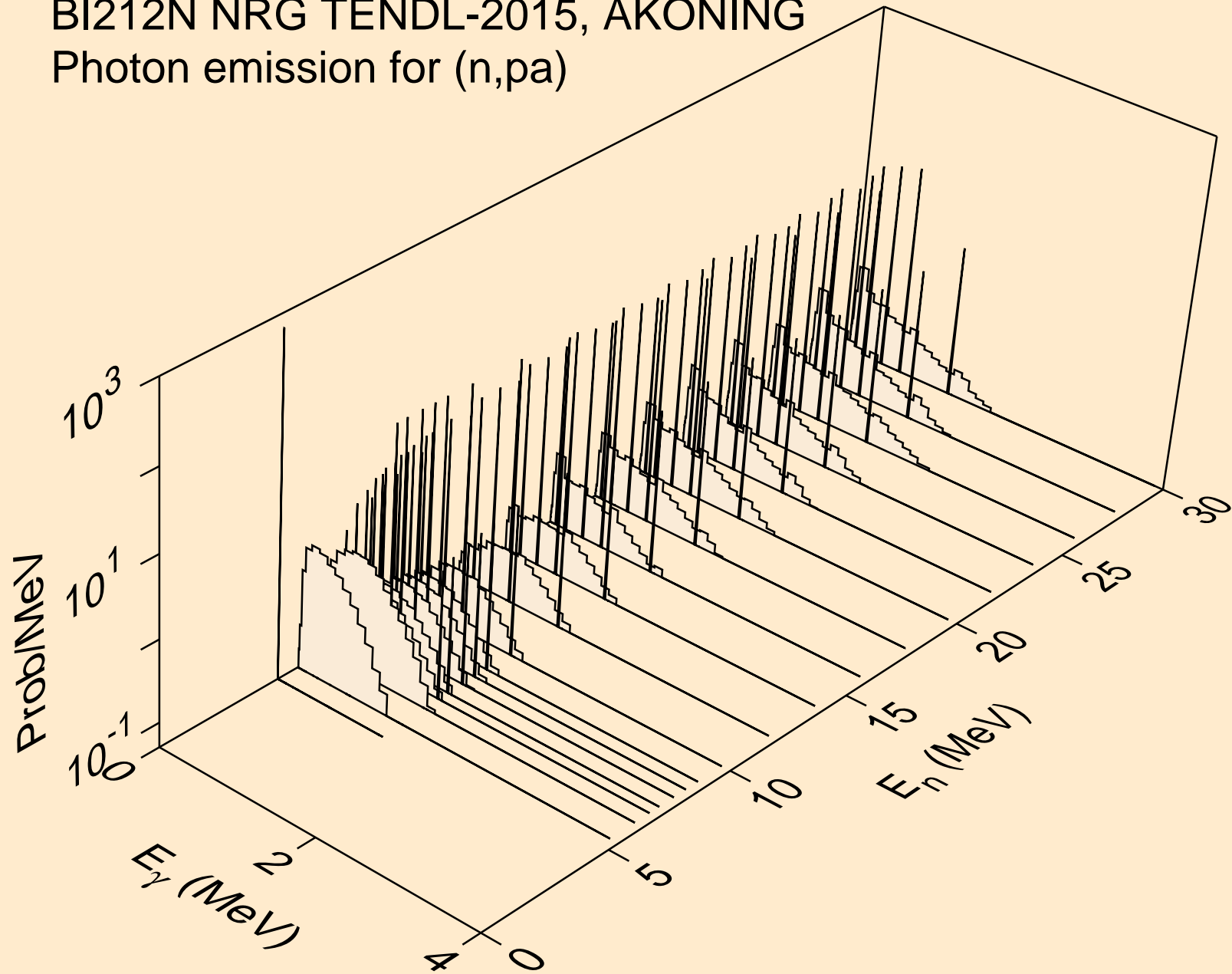
BI212N NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



BI212N NRG TENDL-2015, AKONING  
Photon emission for (n,2p)

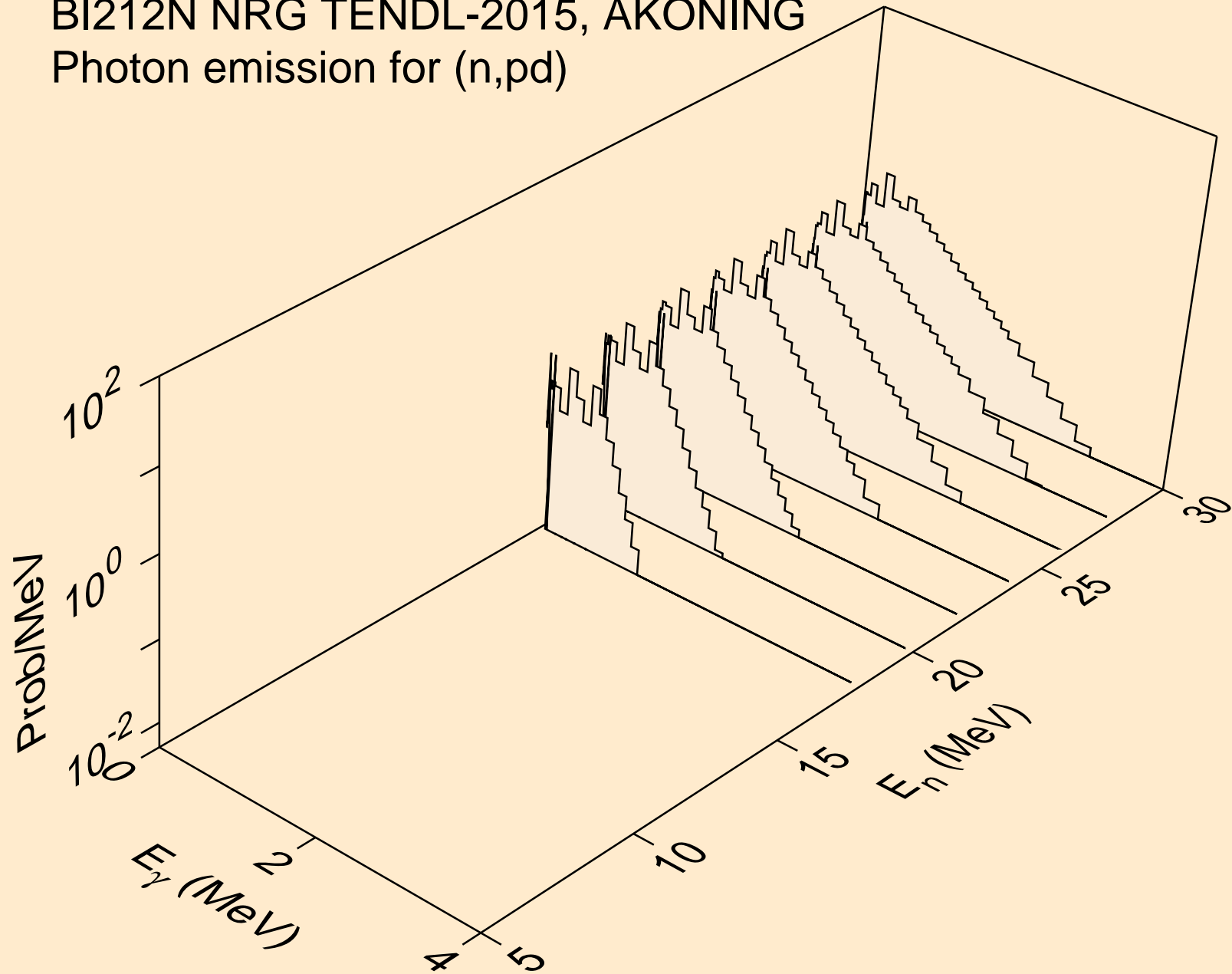


BI212N NRG TENDL-2015, AKONING  
Photon emission for (n,pa)

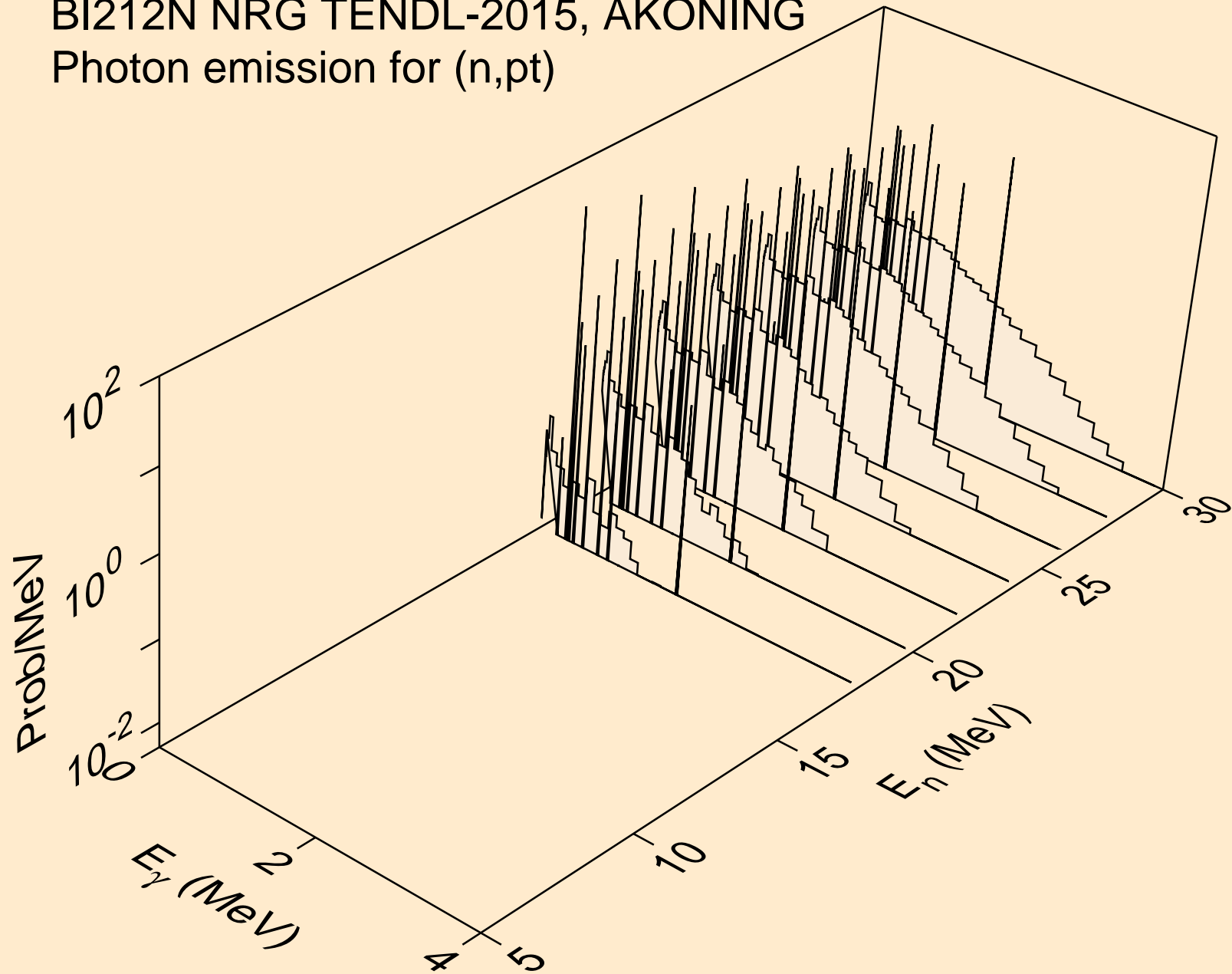




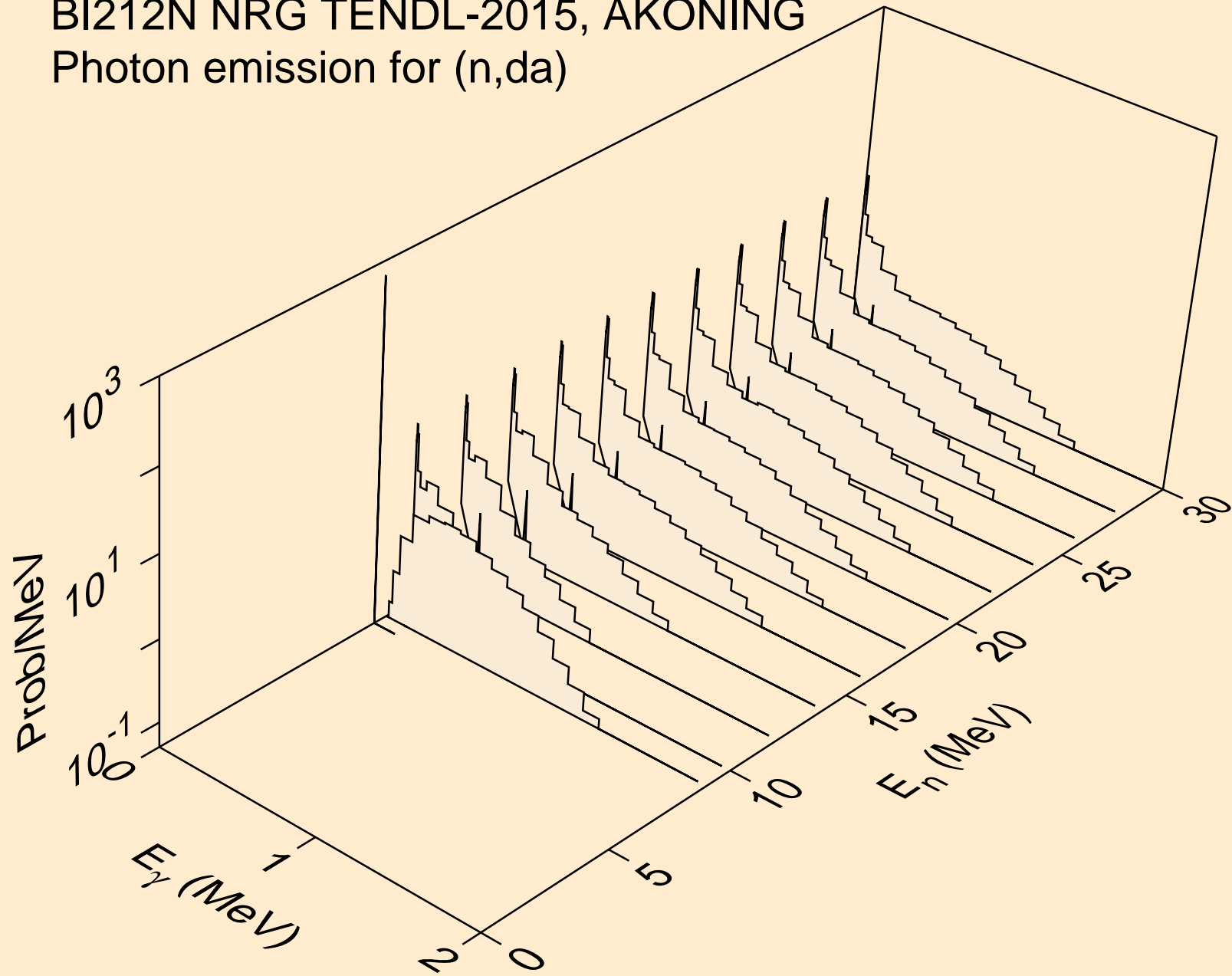
BI212N NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



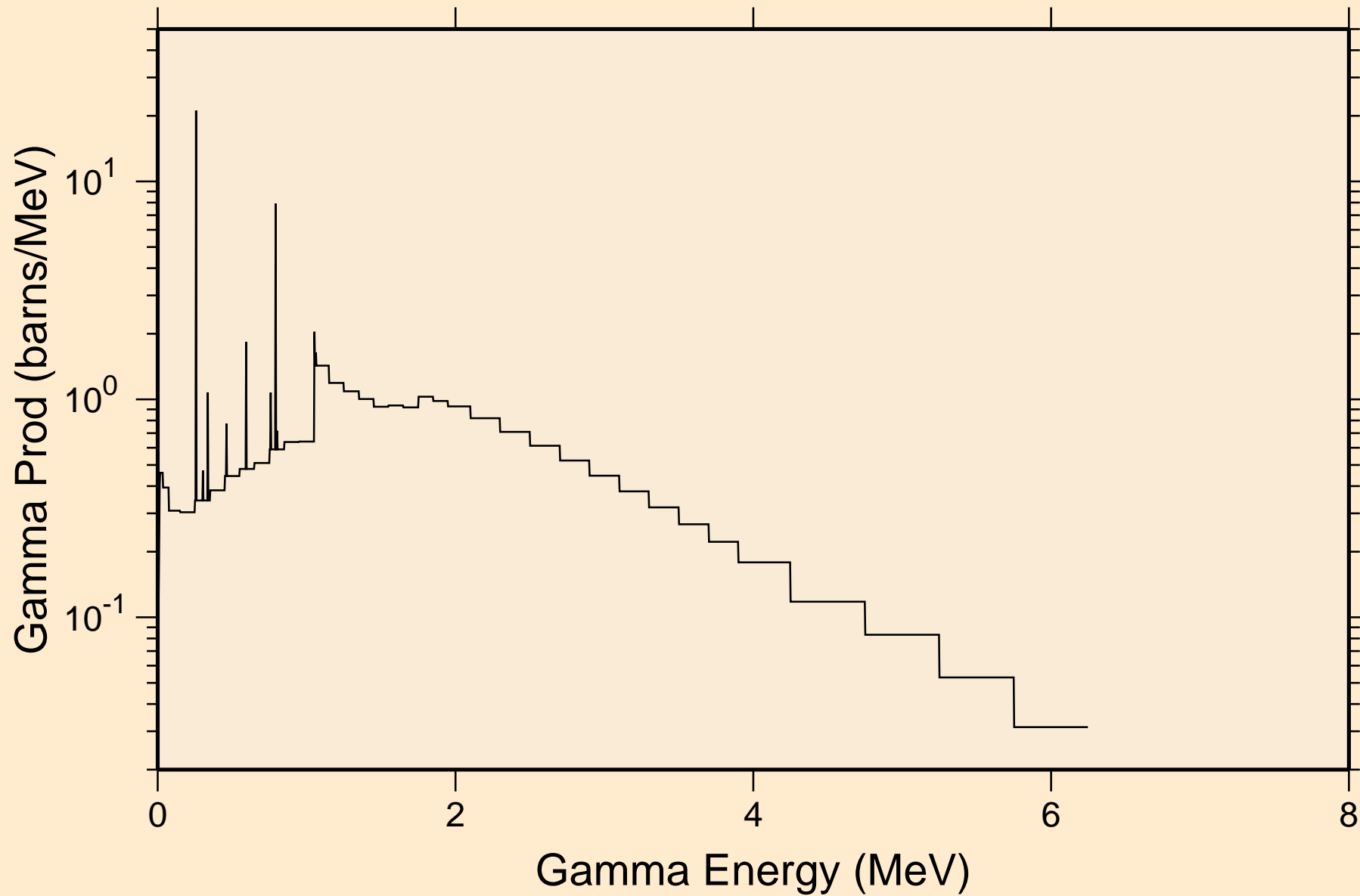
BI212N NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



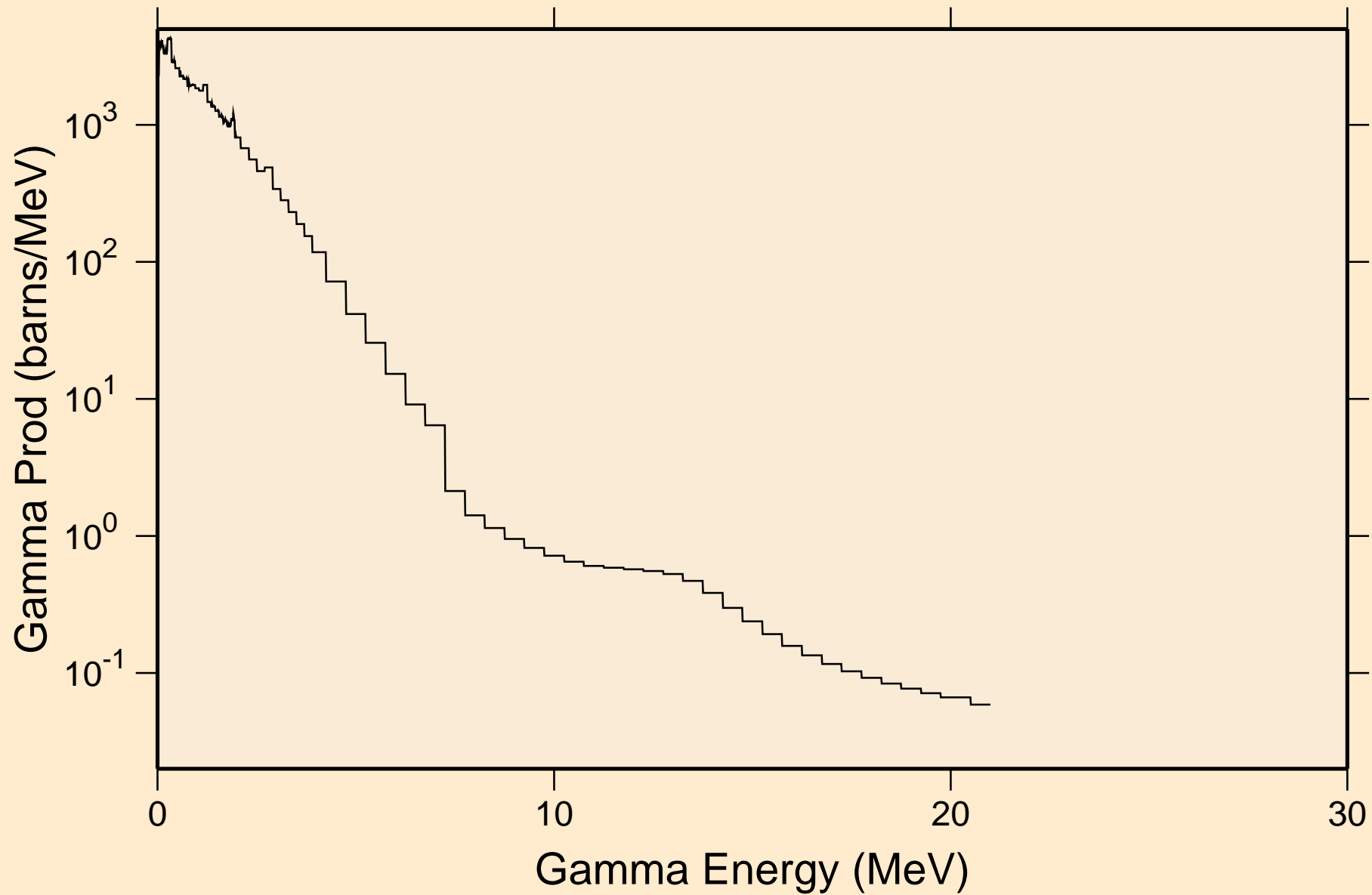
BI212N NRG TENDL-2015, AKONING  
Photon emission for (n,da)



BI212N NRG TENDL-2015, AKONING  
thermal capture photon spectrum

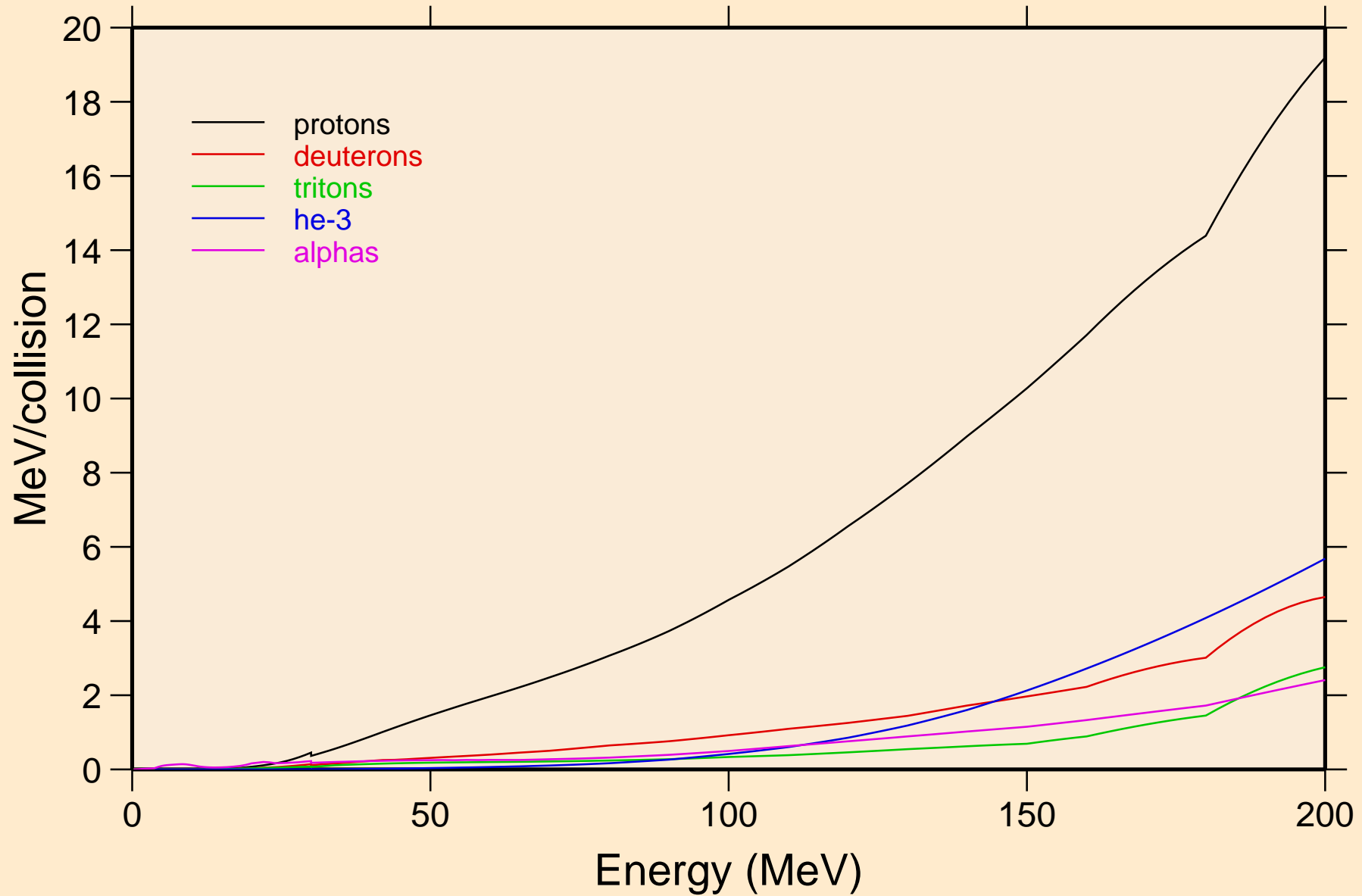


BI212N NRG TENDL-2015, AKONING  
14 MeV photon spectrum



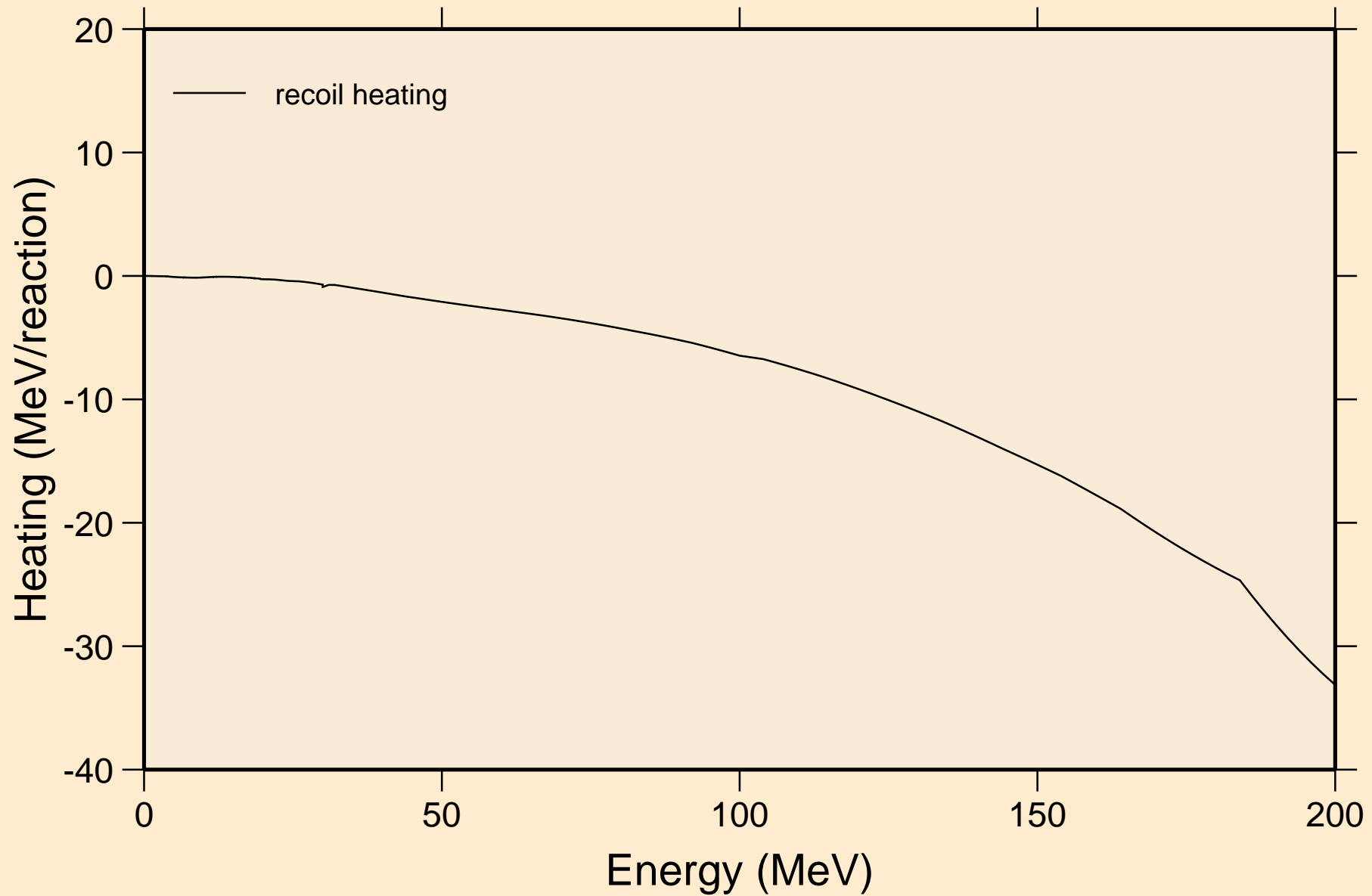
# BI212N NRG TENDL-2015, AKONING

## Particle heating contributions



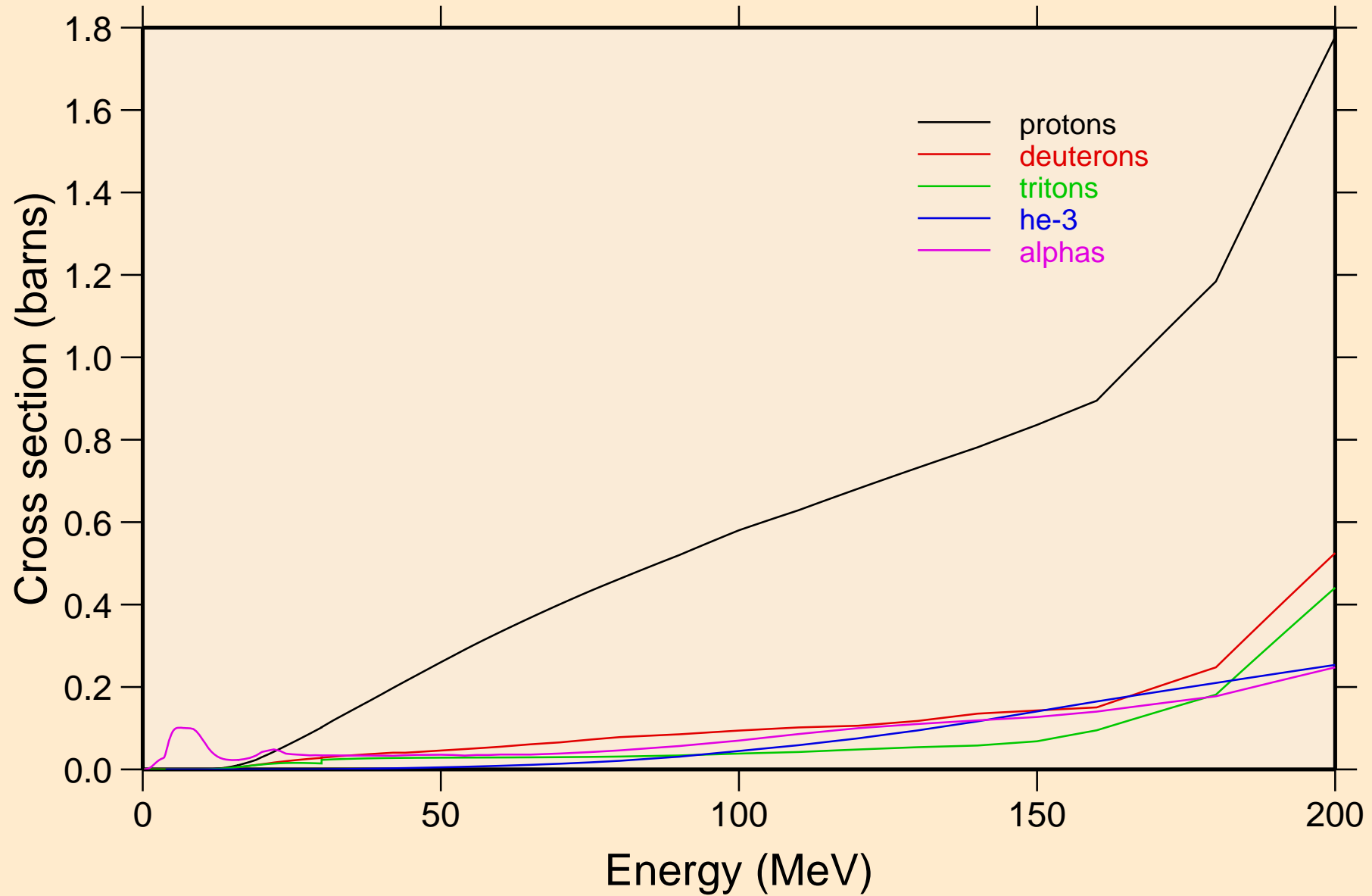
# BI212N NRG TENDL-2015, AKONING

## Recoil Heating



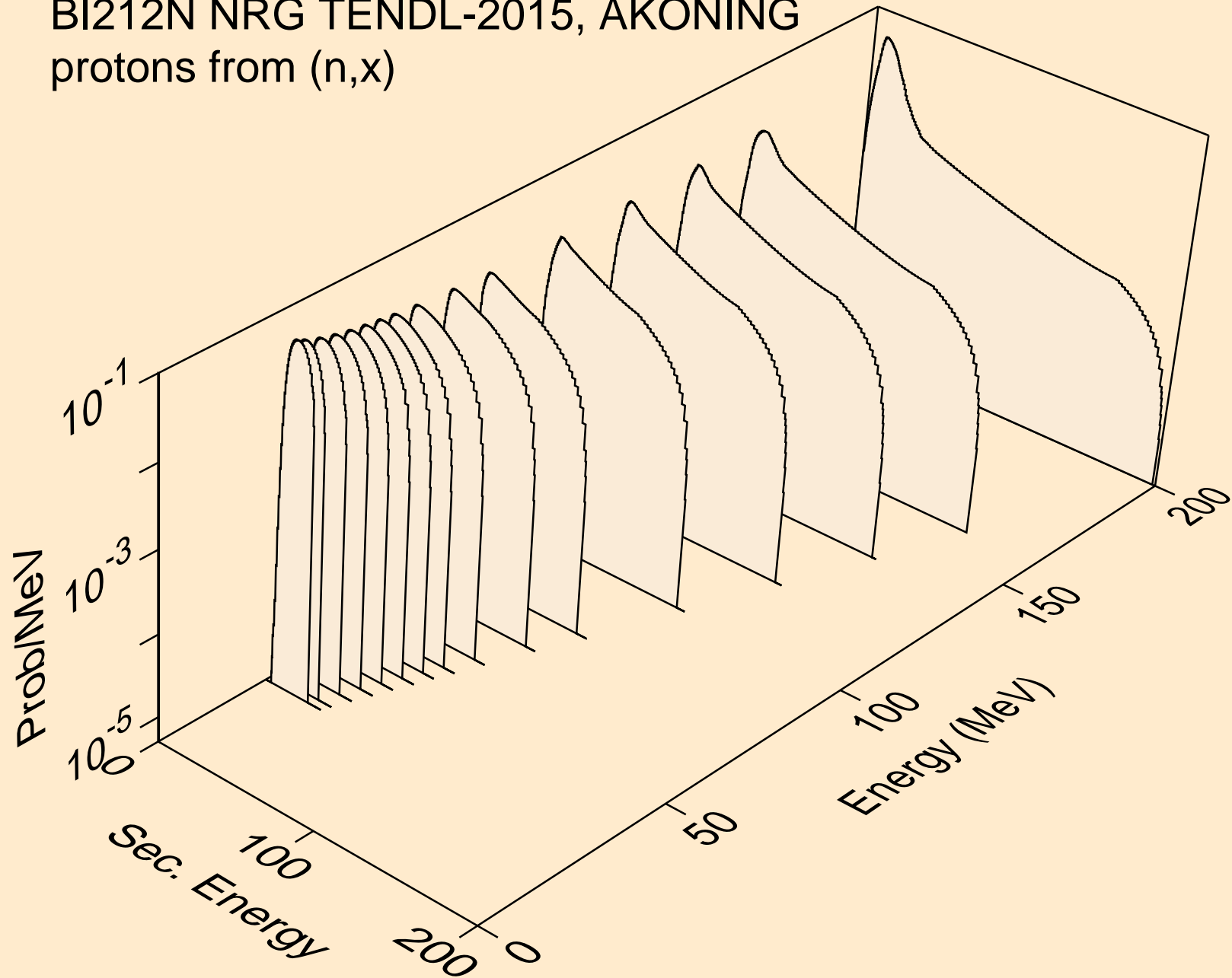
# BI212N NRG TENDL-2015, AKONING

## Particle production cross sections

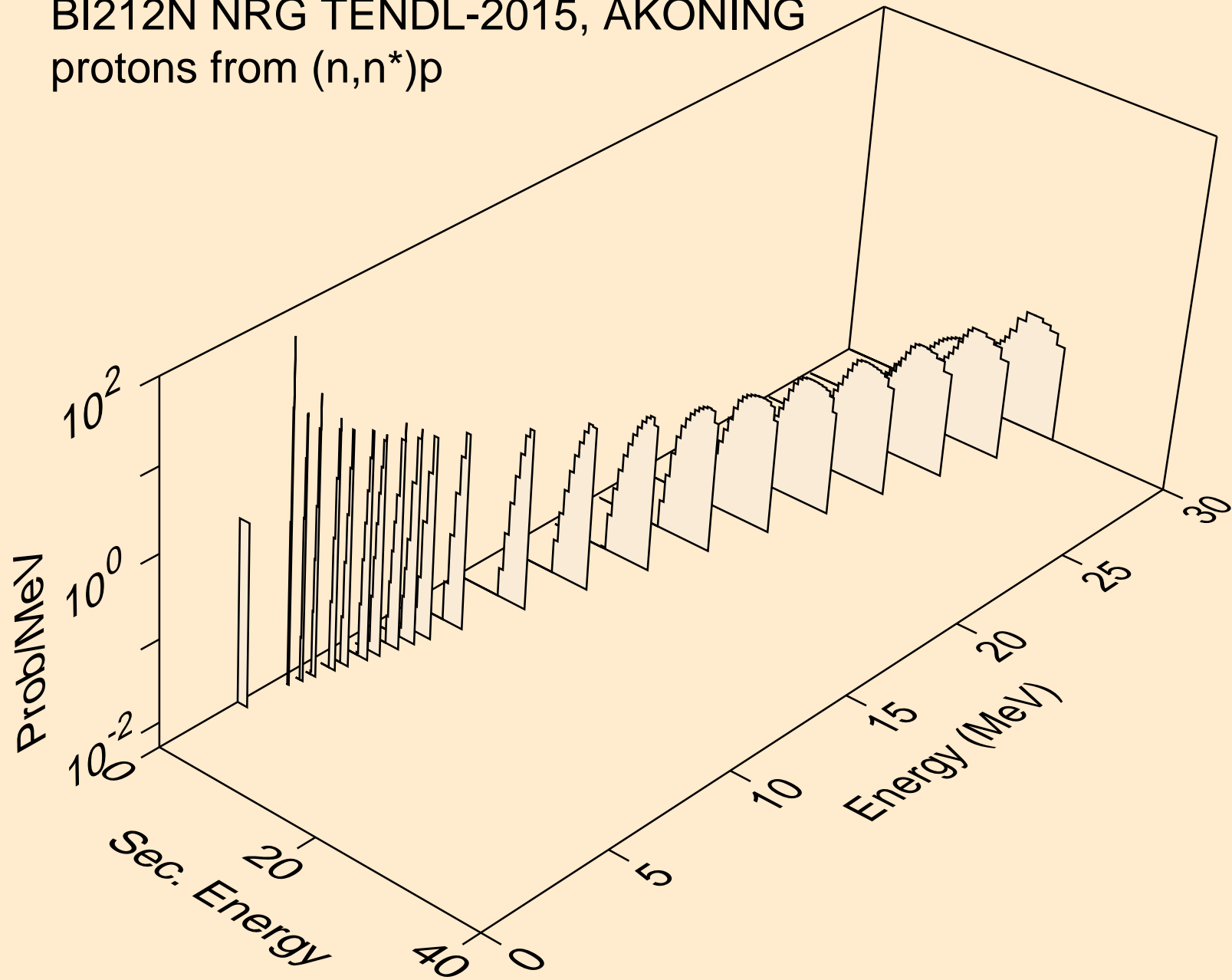




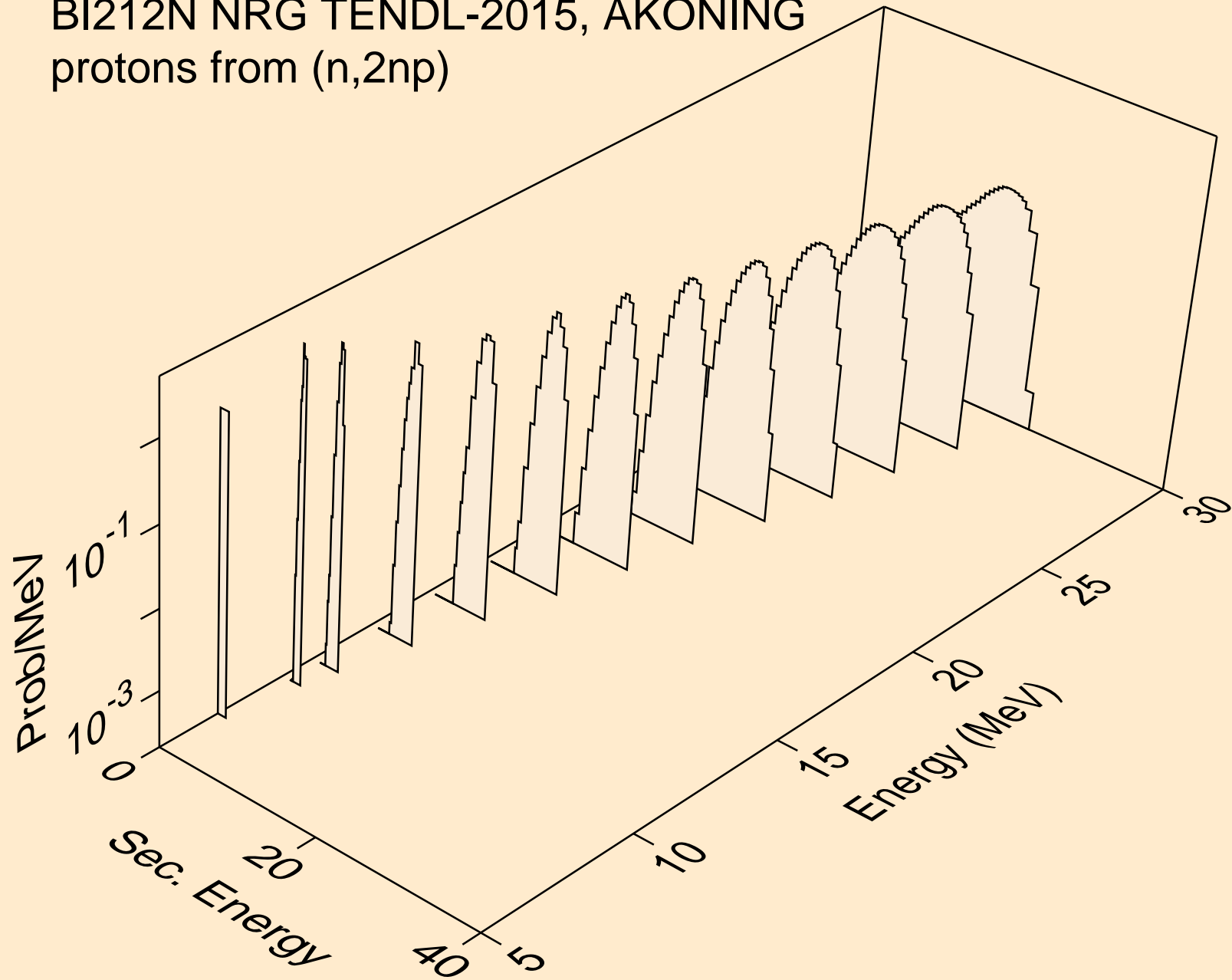
BI212N NRG TENDL-2015, AKONING  
protons from (n,x)



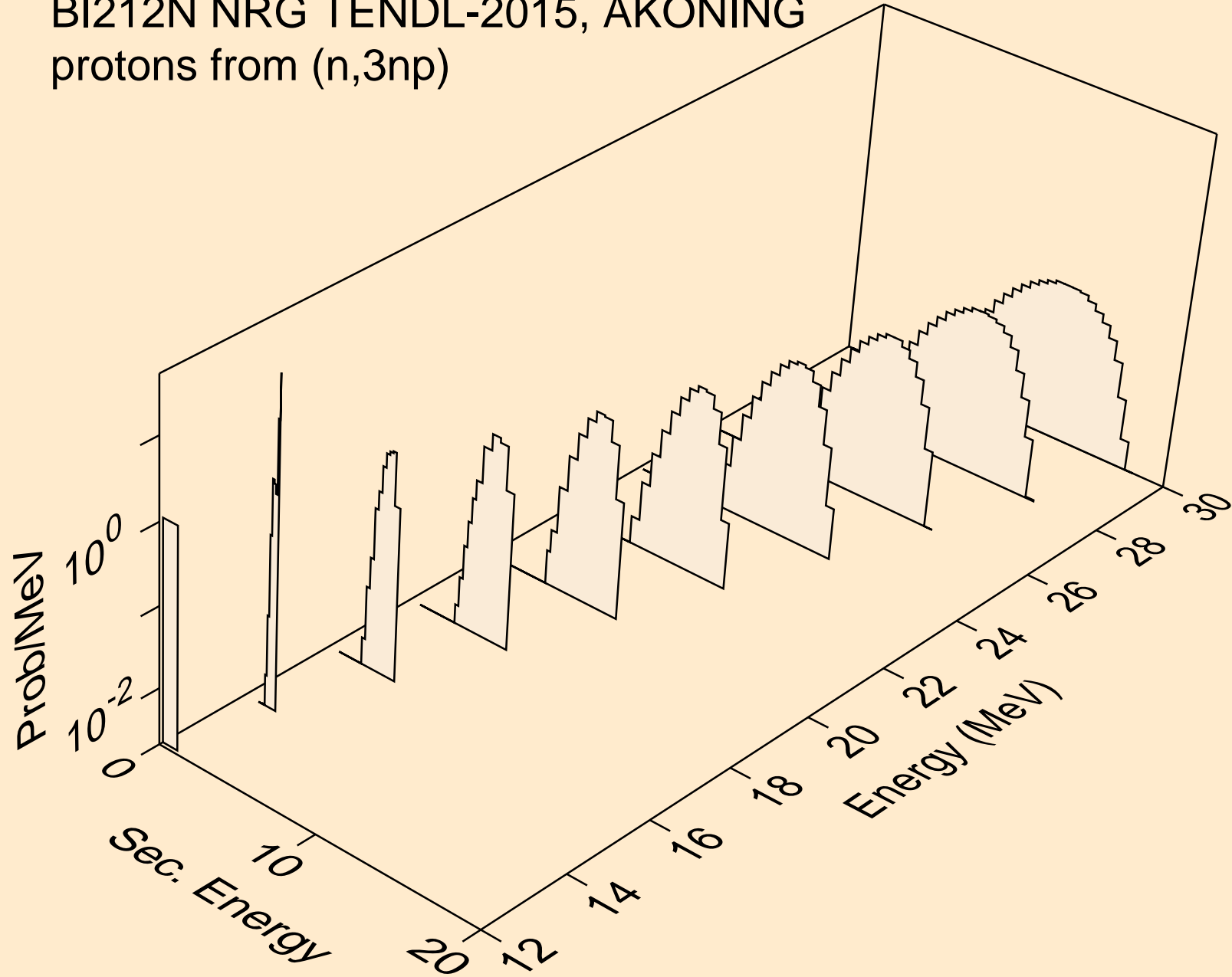
BI212N NRG TENDL-2015, AKONING  
protons from (n,n\*)p



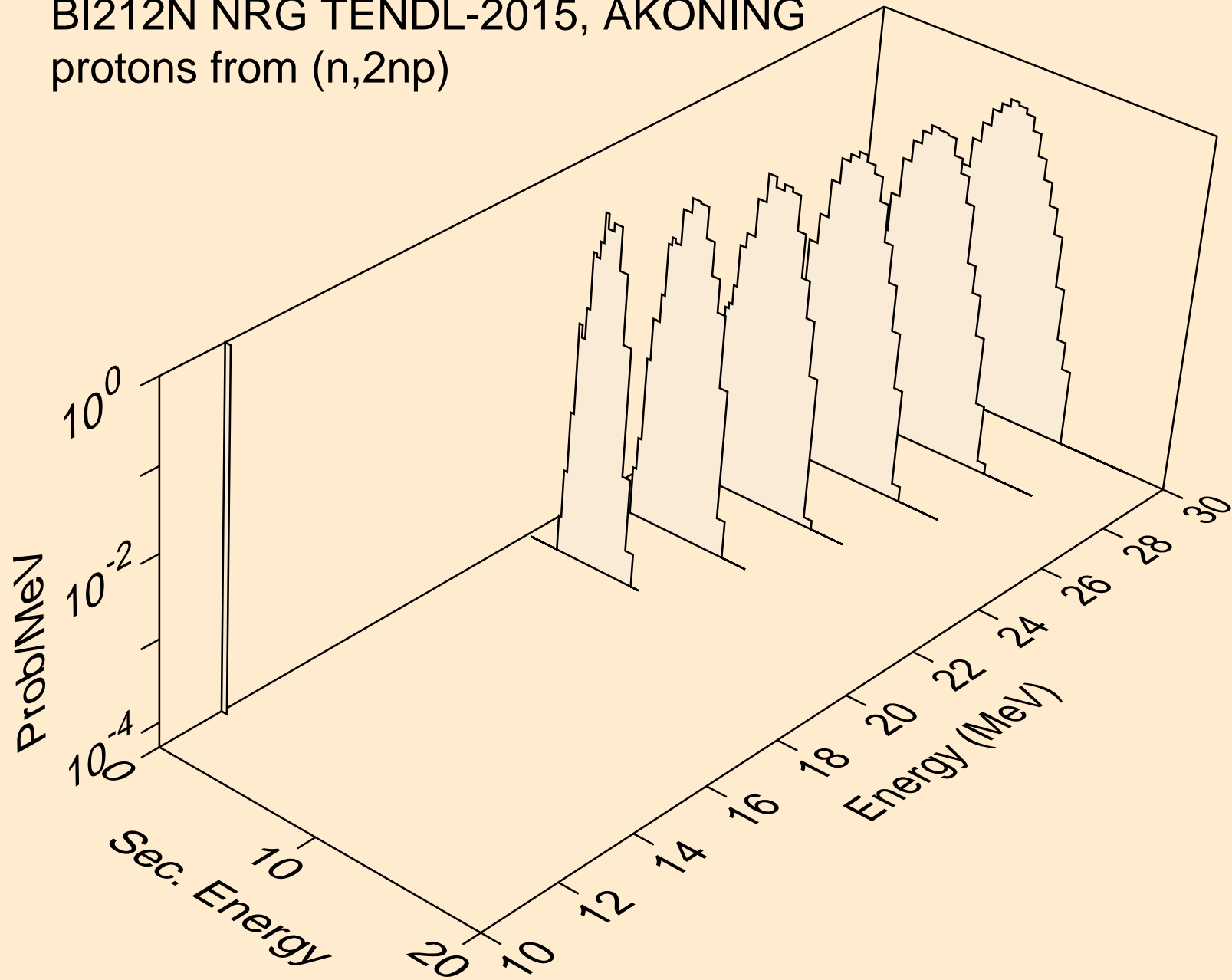
BI212N NRG TENDL-2015, AKONING  
protons from (n,2np)



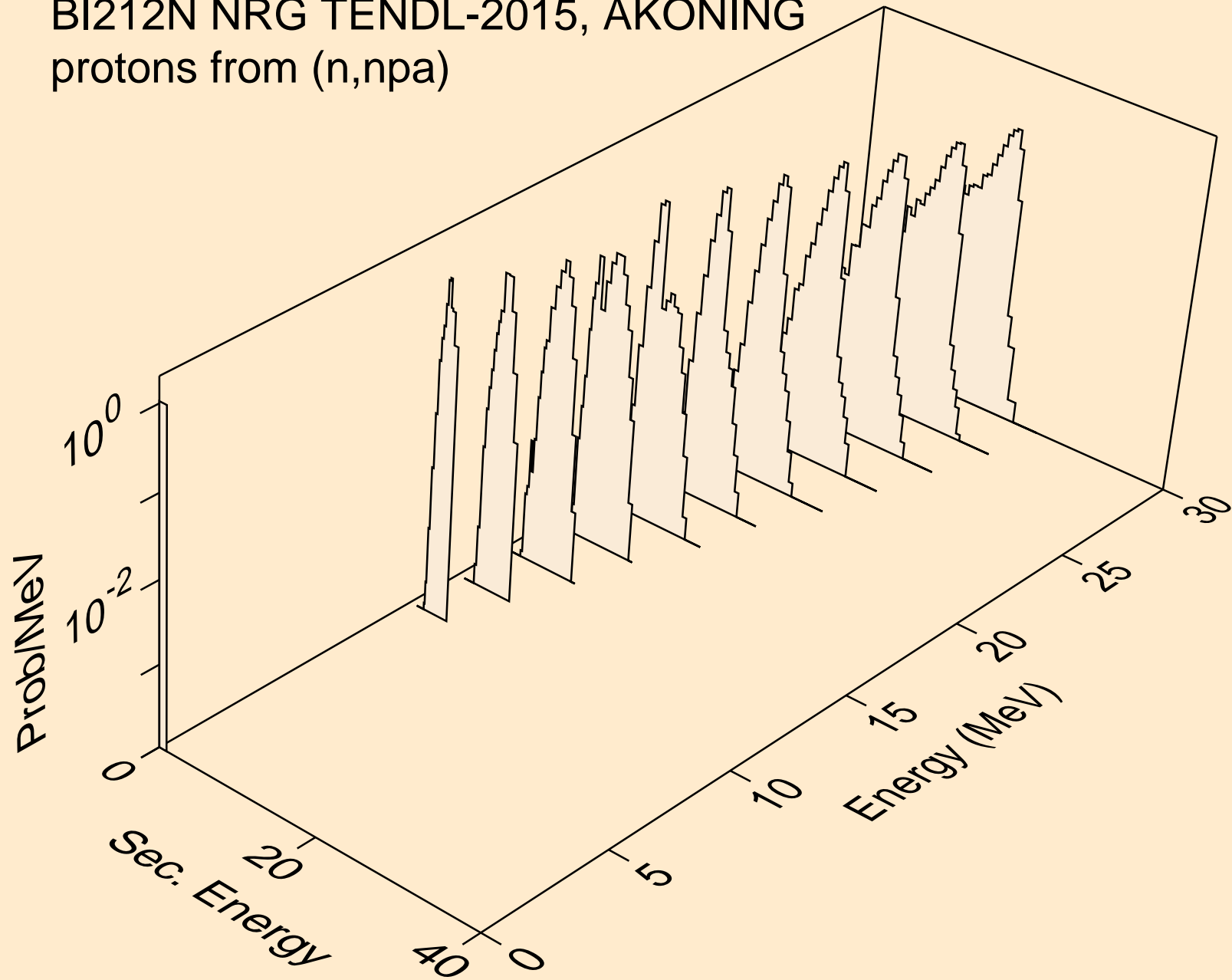
BI212N NRG TENDL-2015, AKONING  
protons from (n,3np)



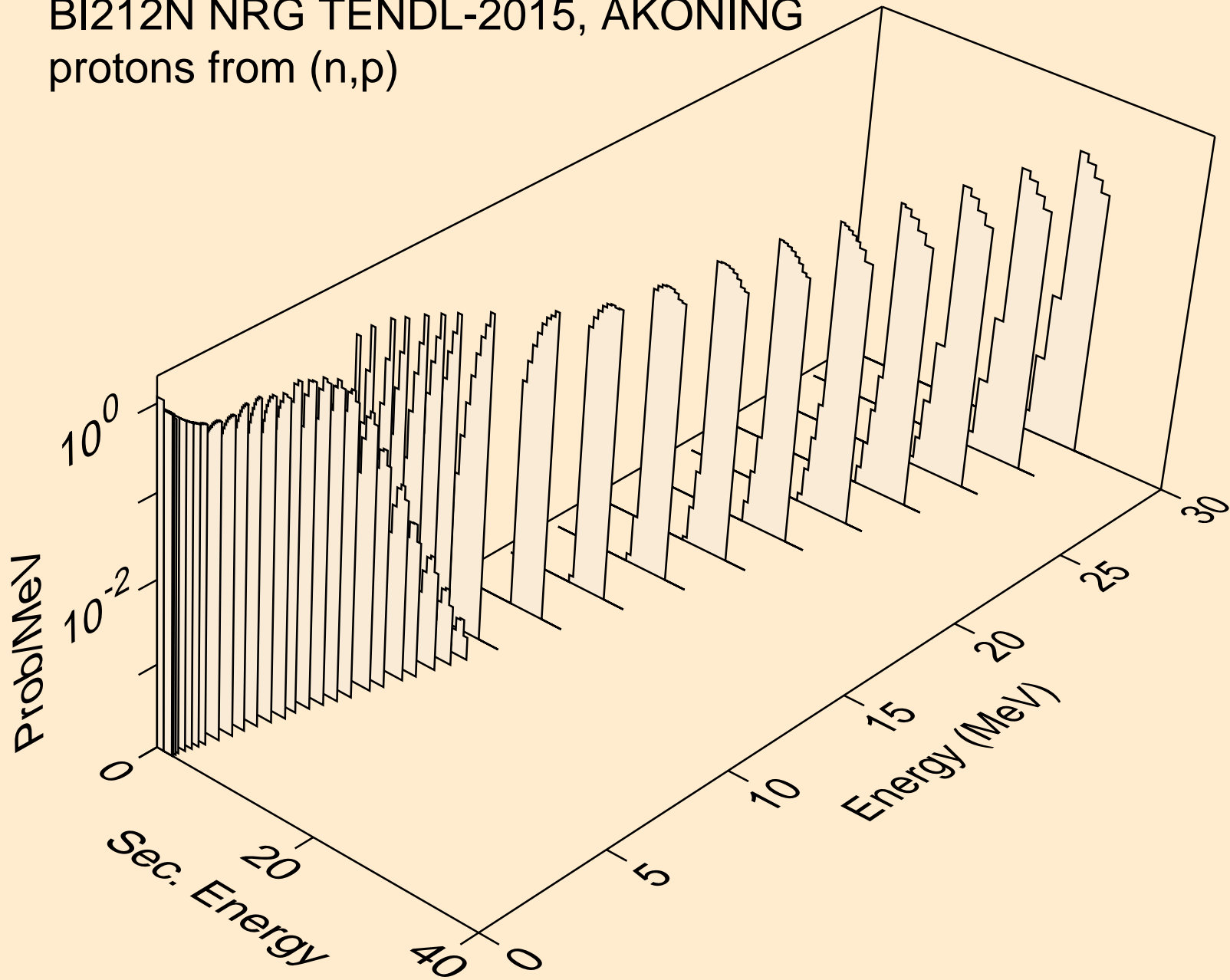
BI212N NRG TENDL-2015, AKONING  
protons from (n,2np)



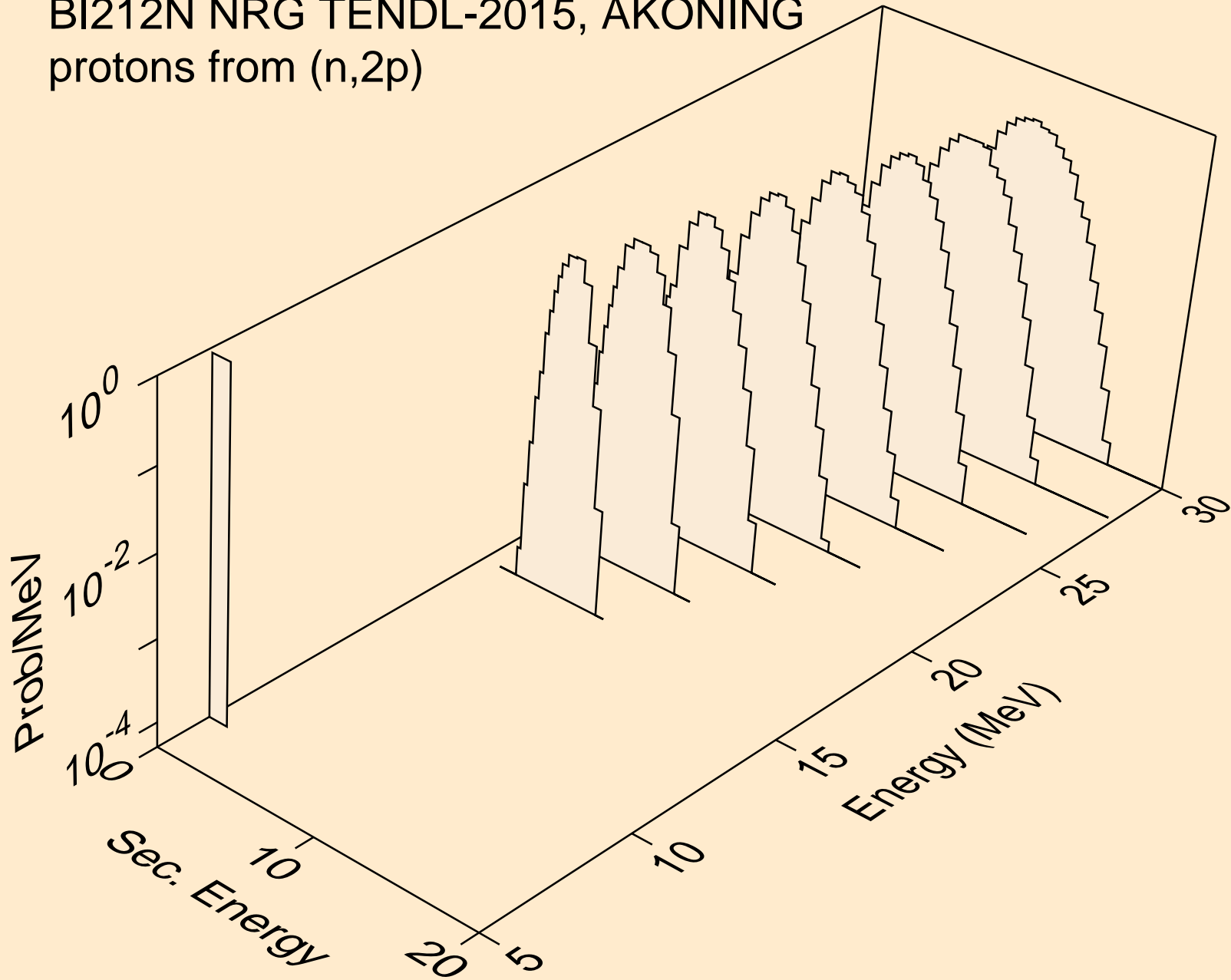
BI212N NRG TENDL-2015, AKONING  
protons from (n,npa)



BI212N NRG TENDL-2015, AKONING  
protons from (n,p)

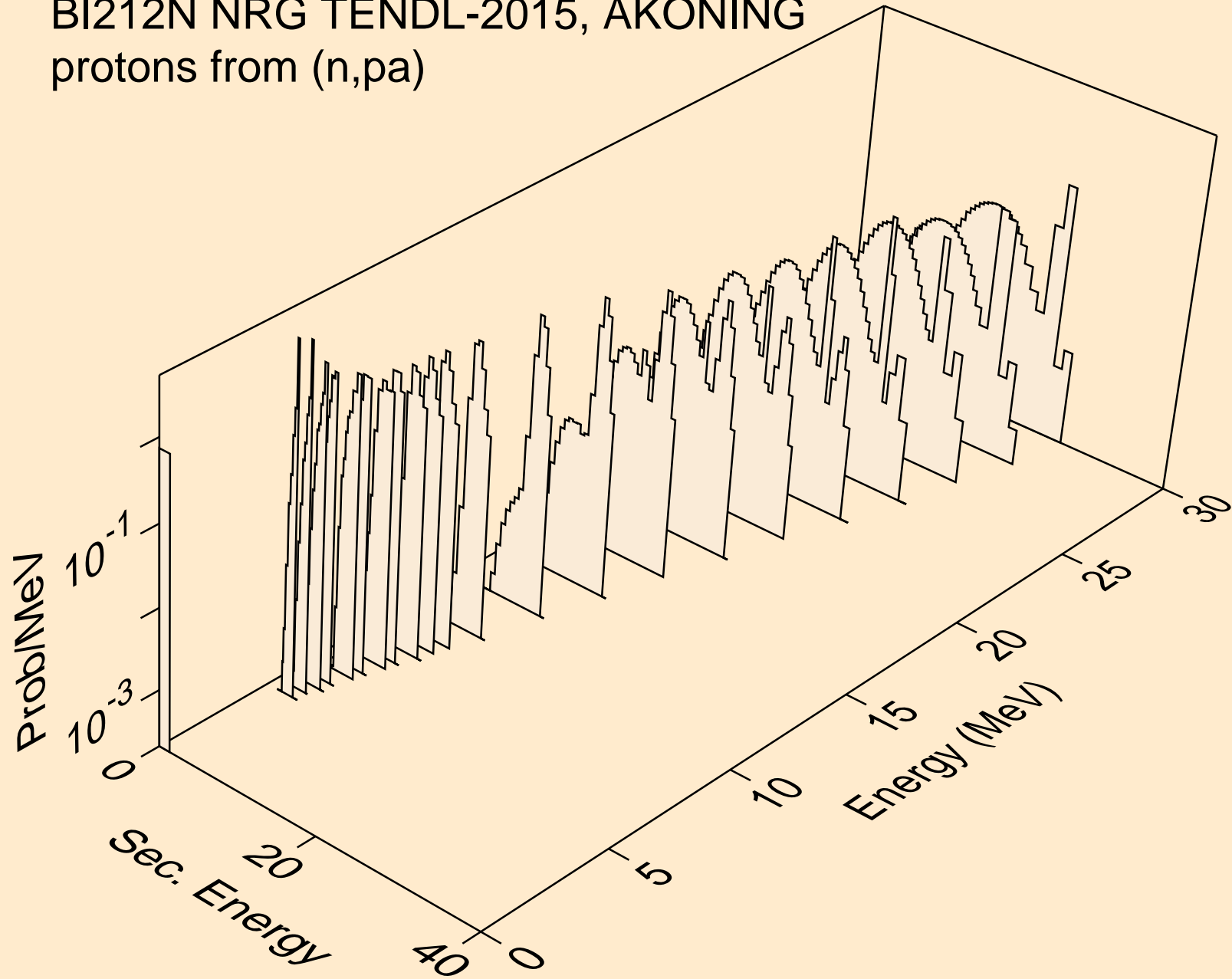


BI212N NRG TENDL-2015, AKONING  
protons from (n,2p)

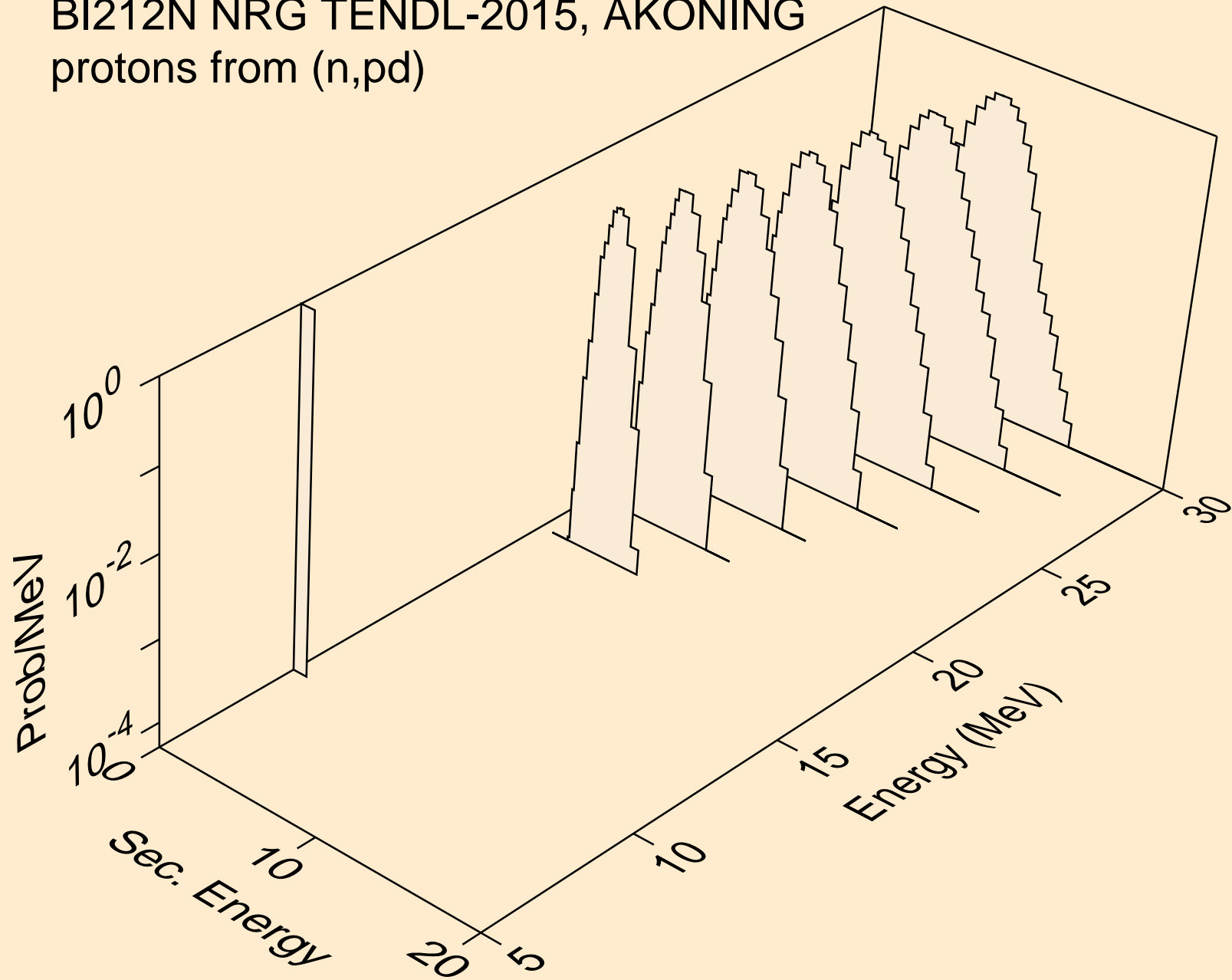




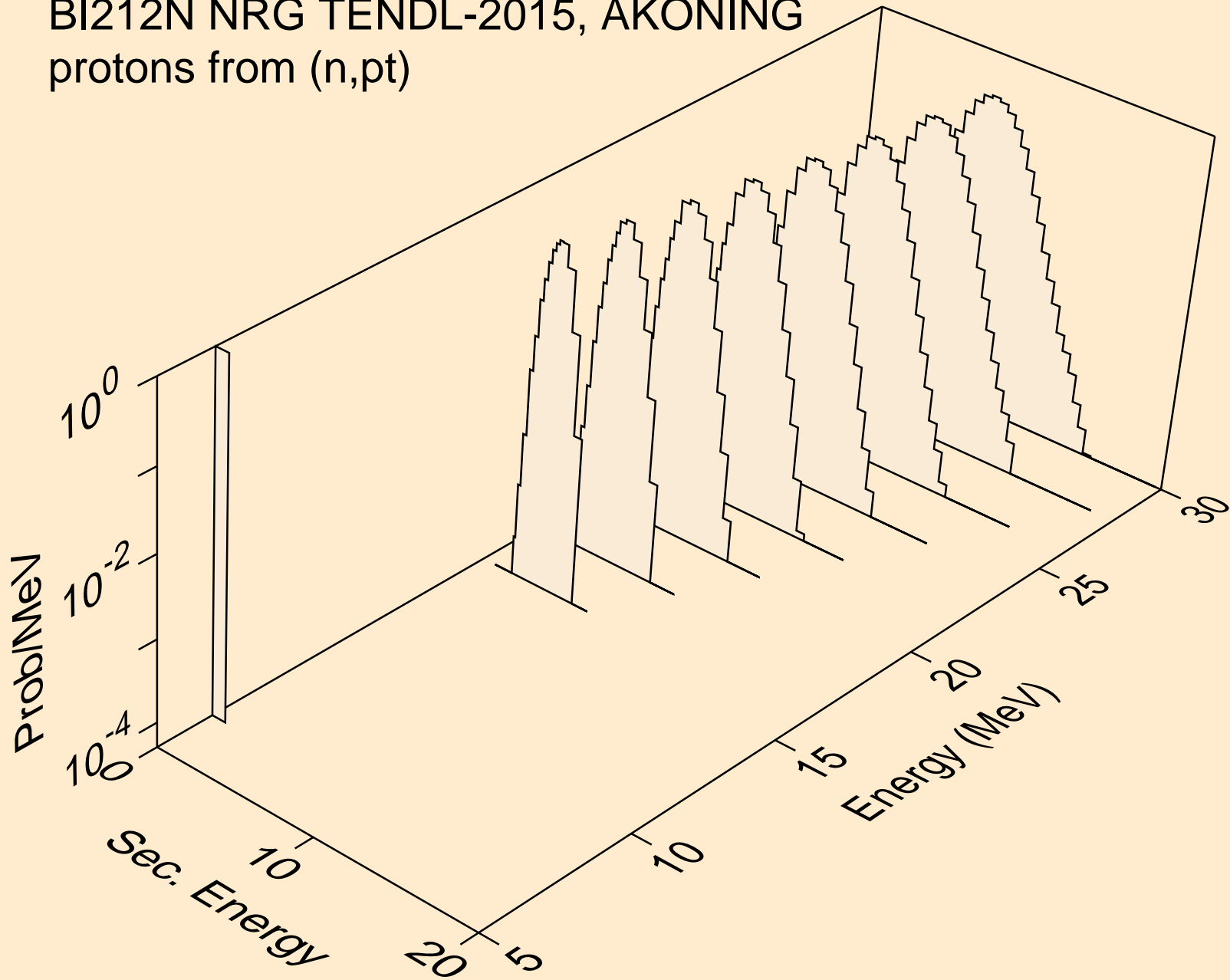
BI212N NRG TENDL-2015, AKONING  
protons from (n,pa)



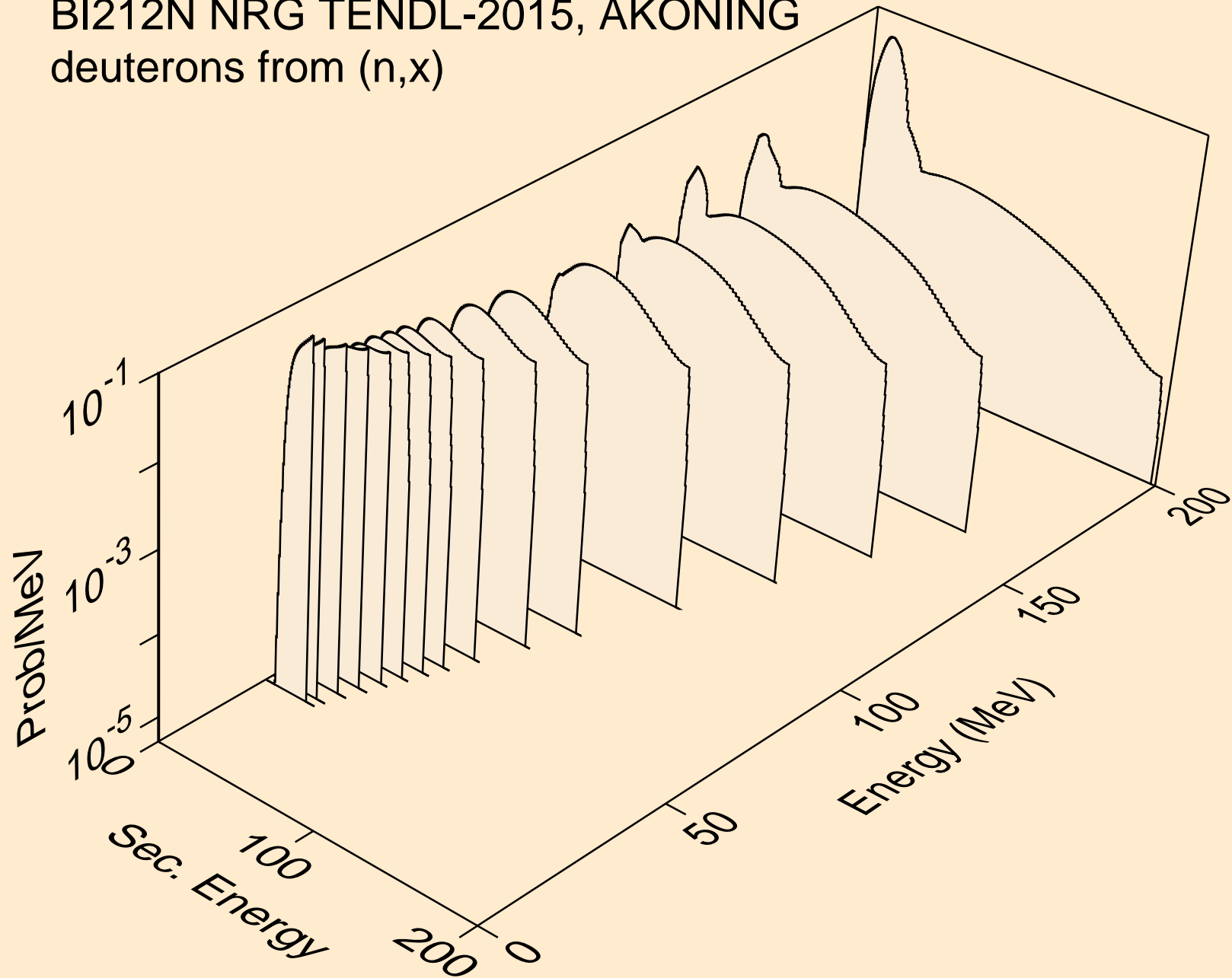
BI212N NRG TENDL-2015, AKONING  
protons from (n,pd)



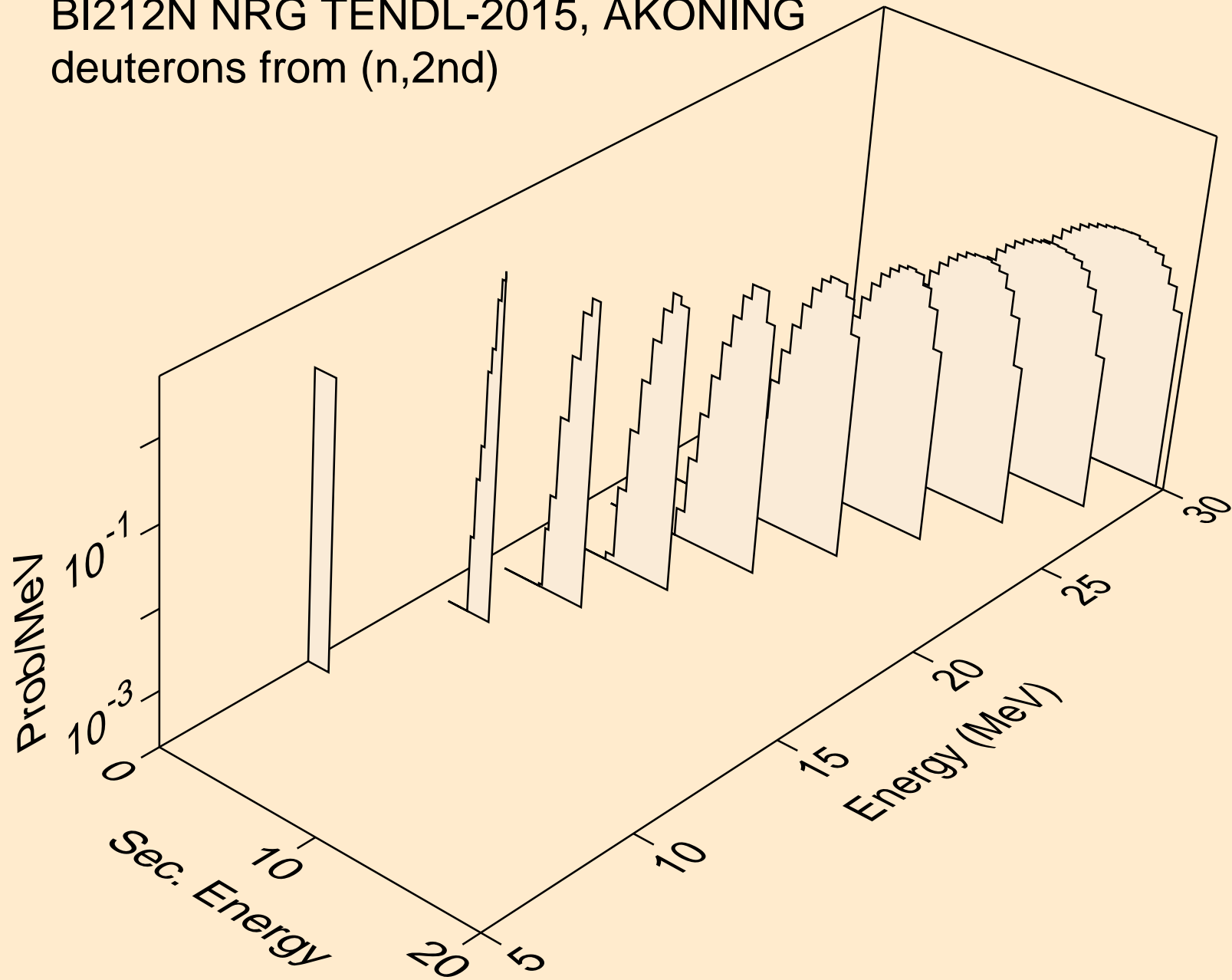
BI212N NRG TENDL-2015, AKONING  
protons from (n,pt)



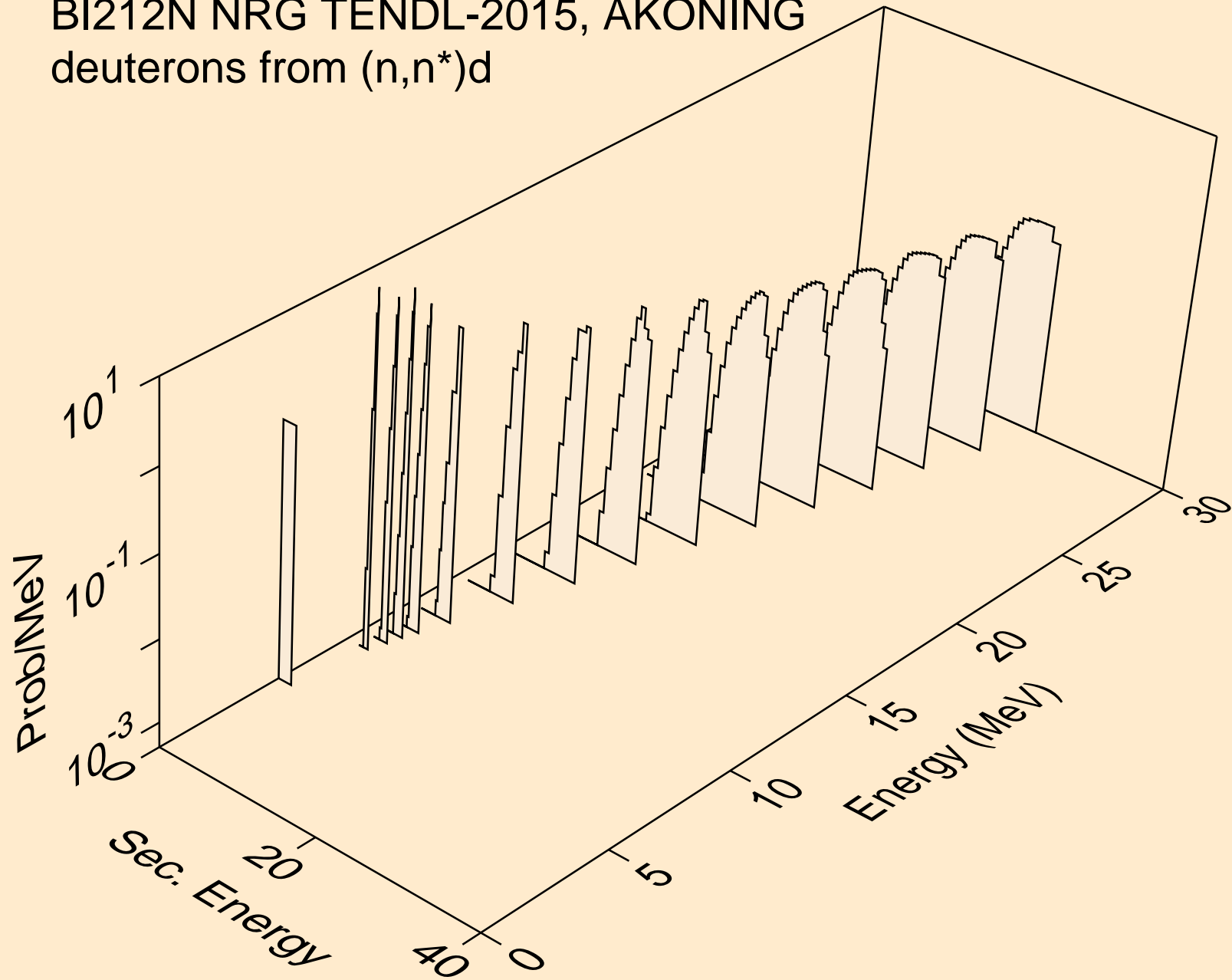
BI212N NRG TENDL-2015, AKONING  
deuterons from (n,x)



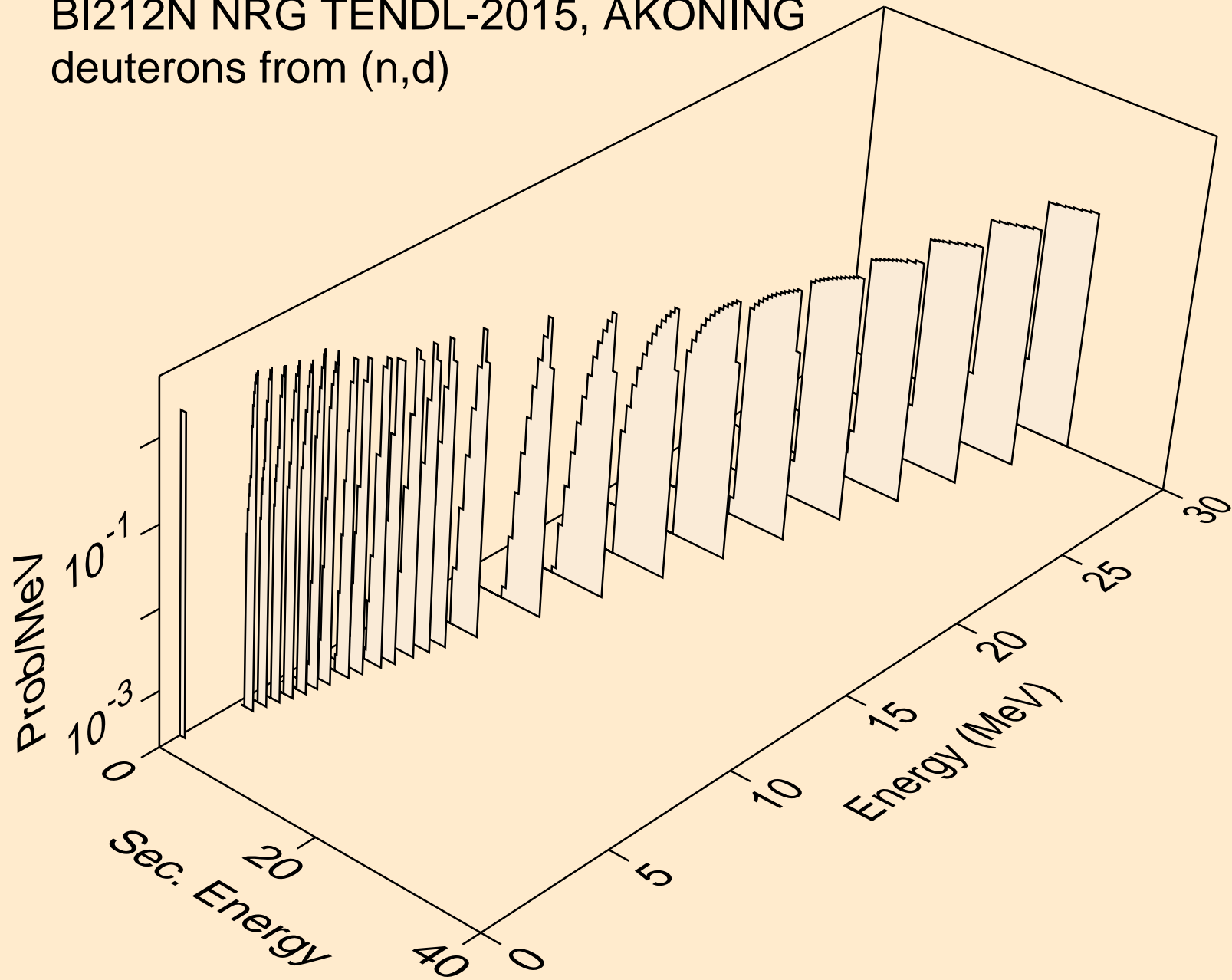
BI212N NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



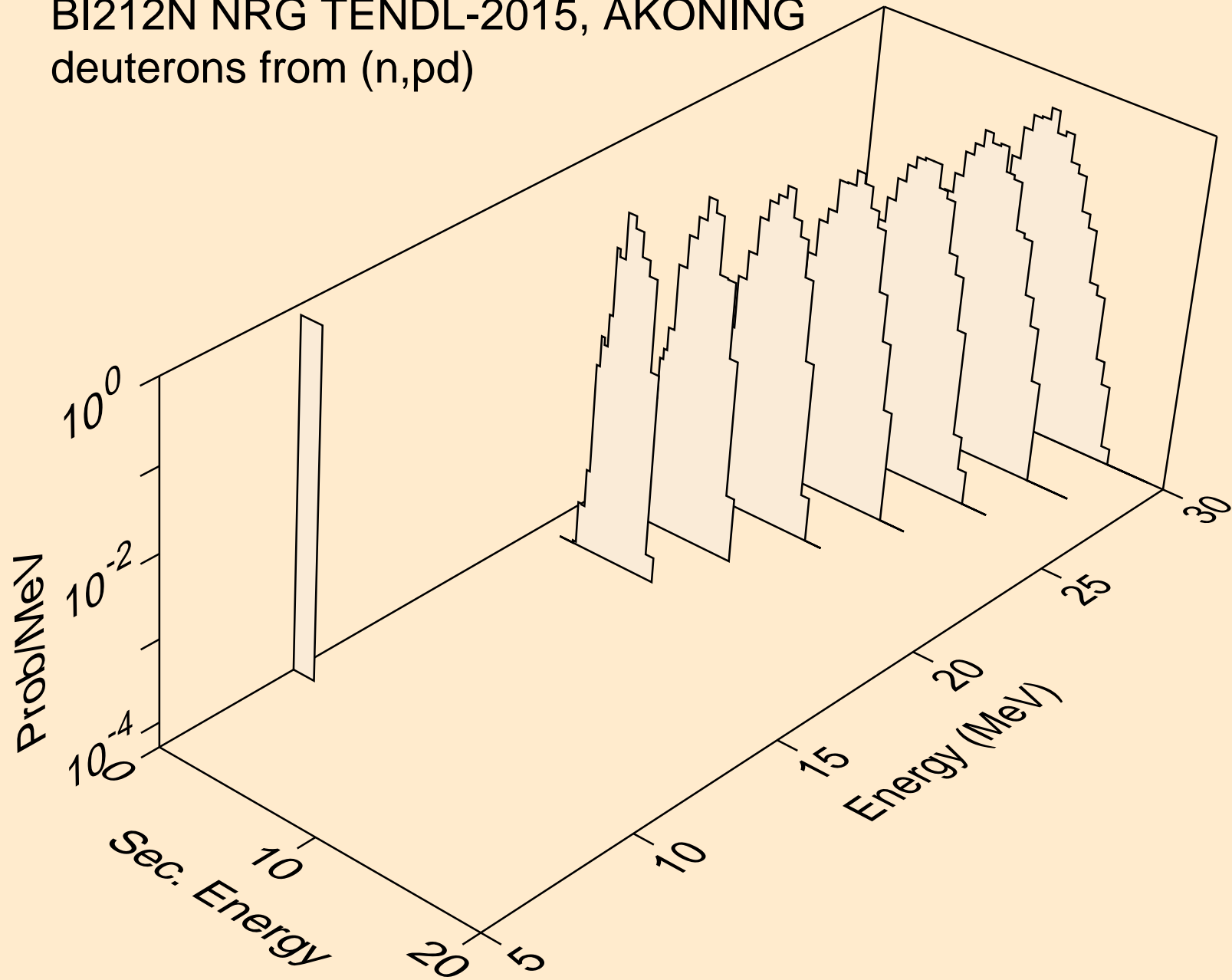
BI212N NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



BI212N NRG TENDL-2015, AKONING  
deuterons from (n,d)

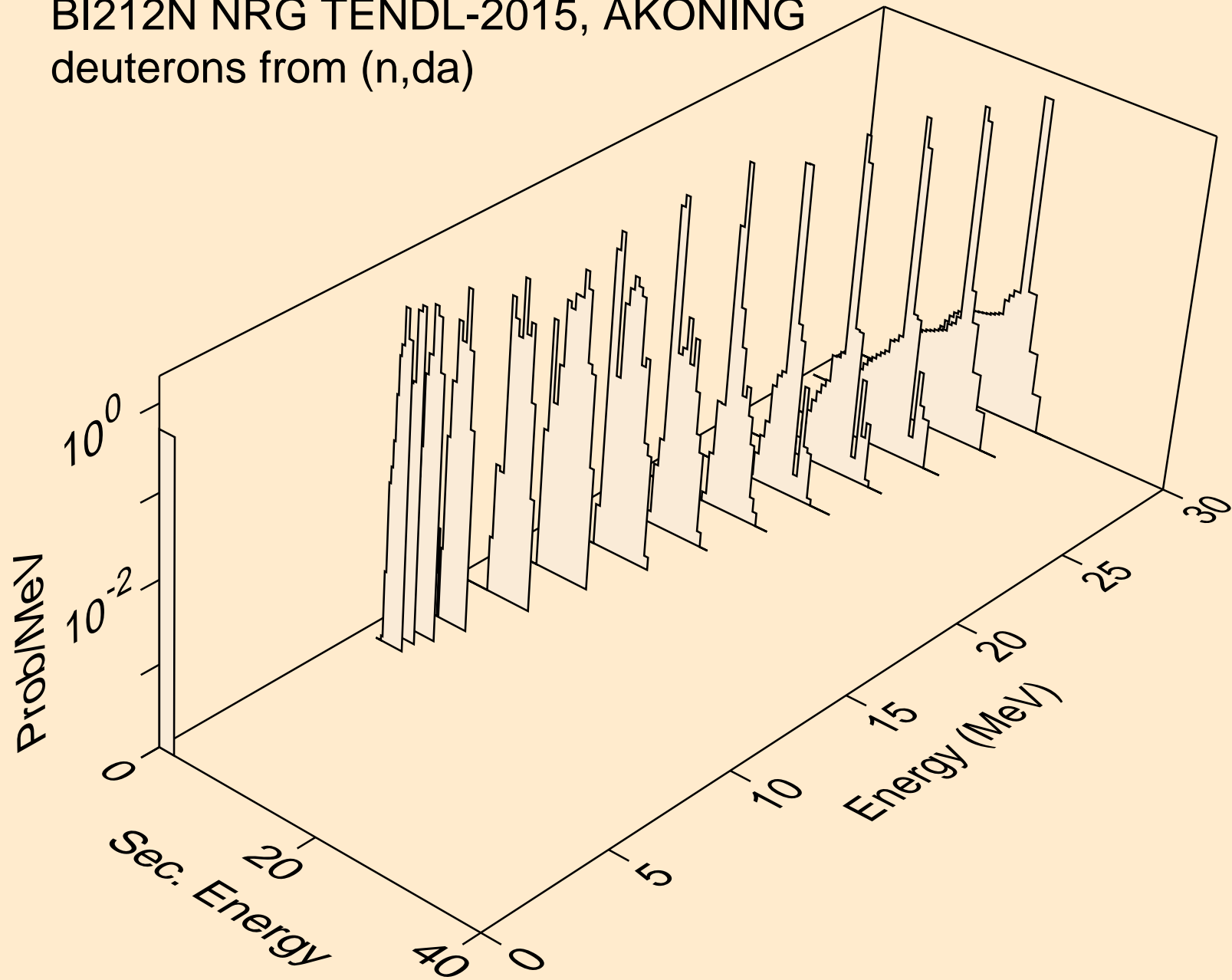


BI212N NRG TENDL-2015, AKONING  
deuterons from (n,pd)

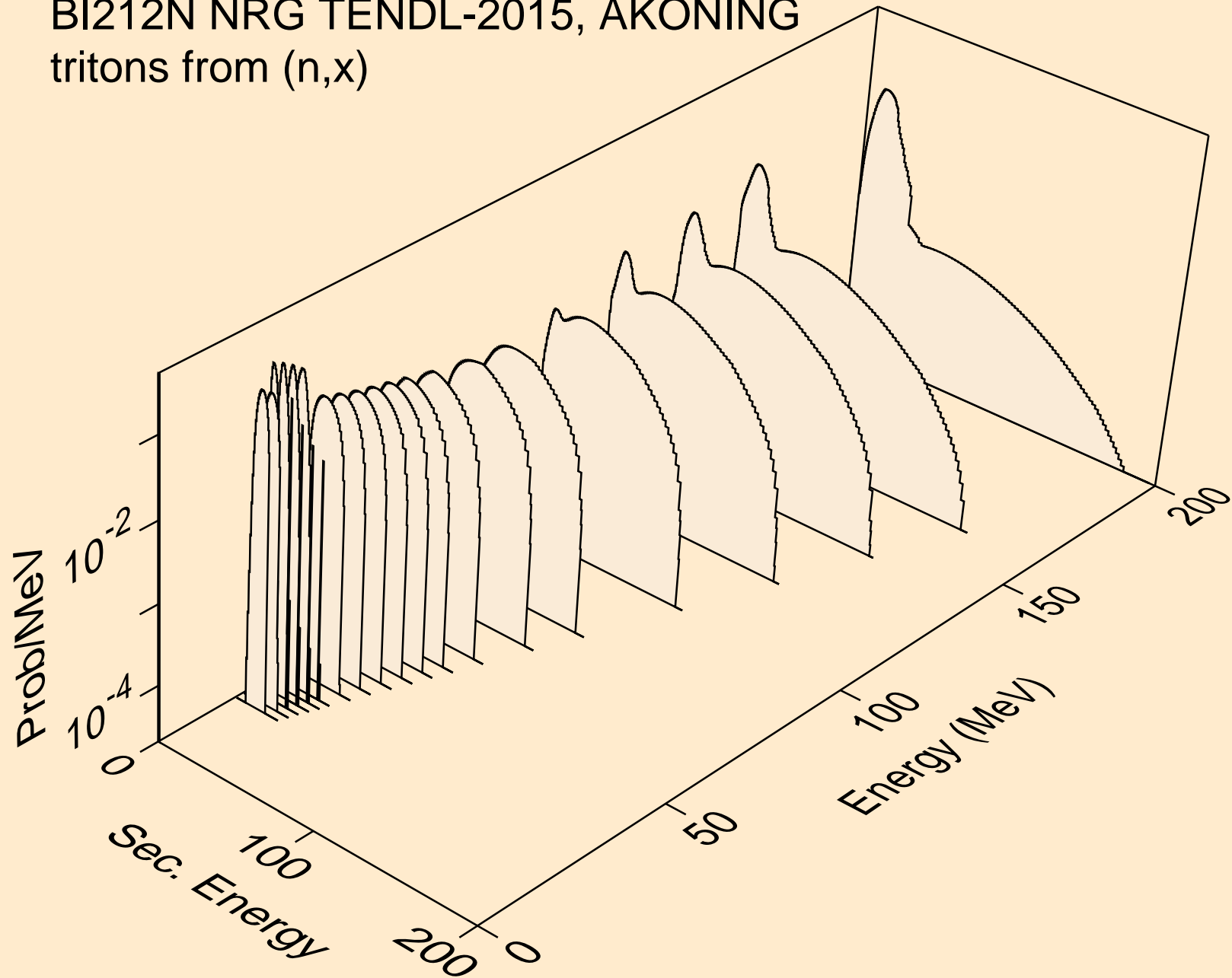




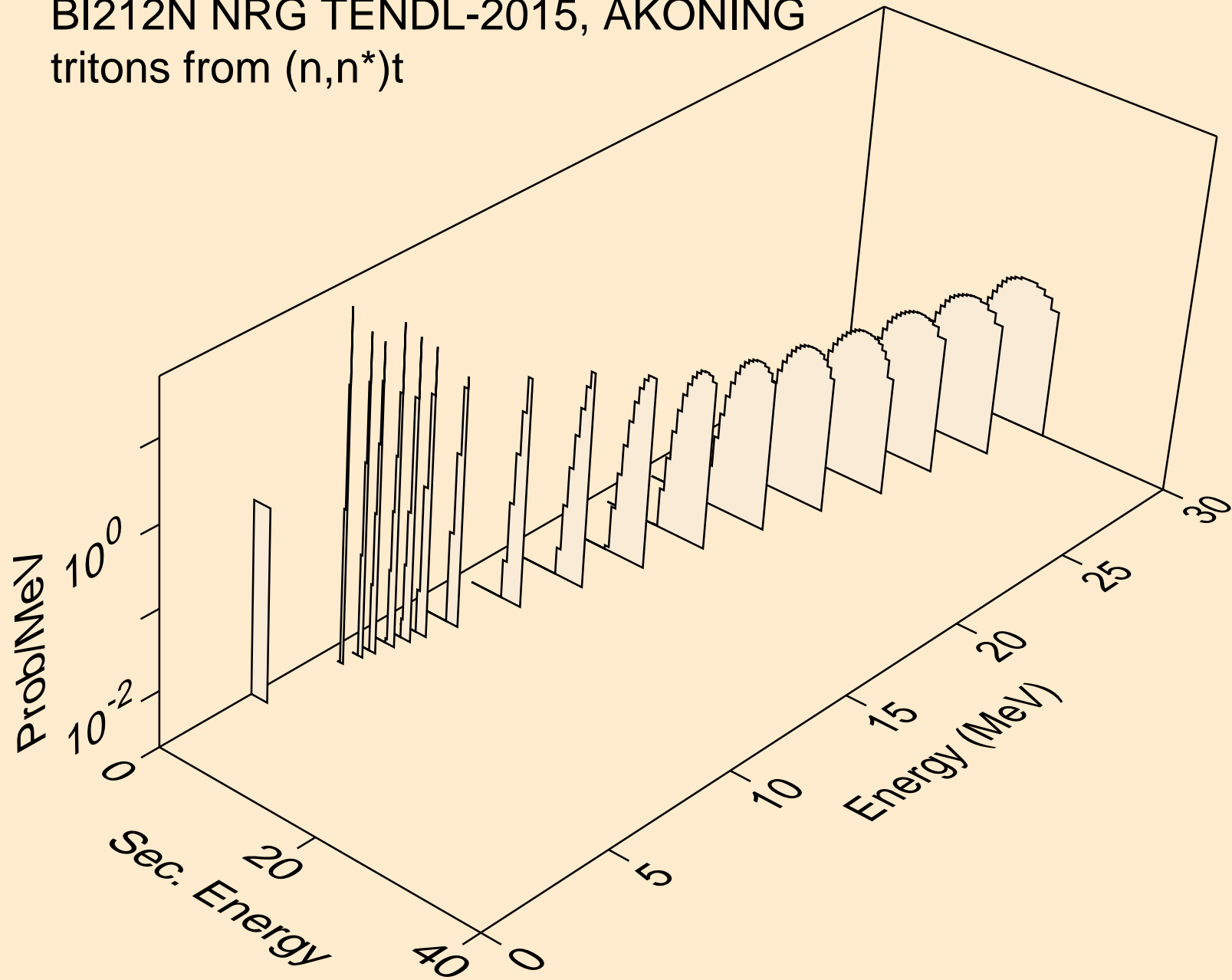
BI212N NRG TENDL-2015, AKONING  
deuterons from (n,da)



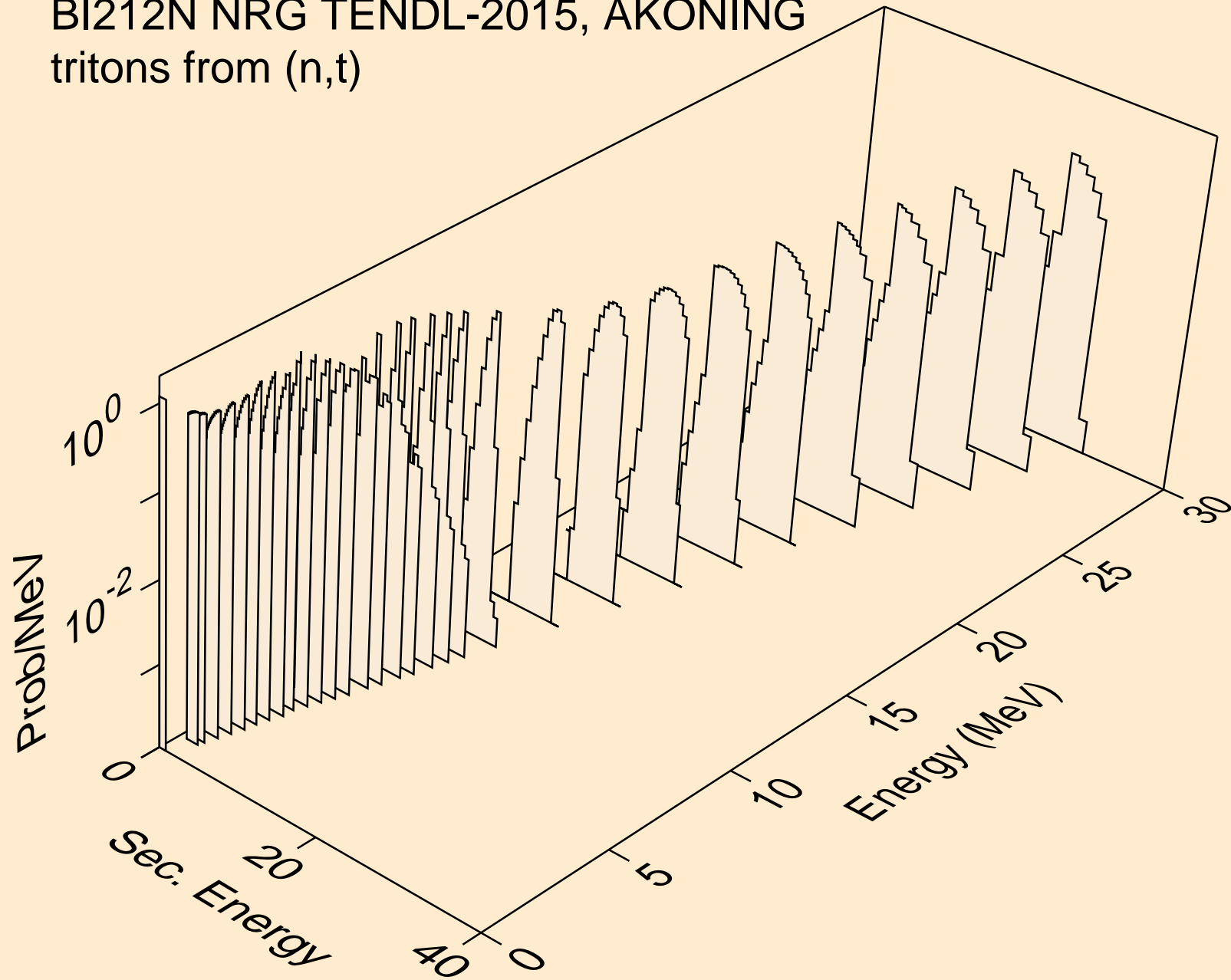
BI212N NRG TENDL-2015, AKONING  
tritons from (n,x)



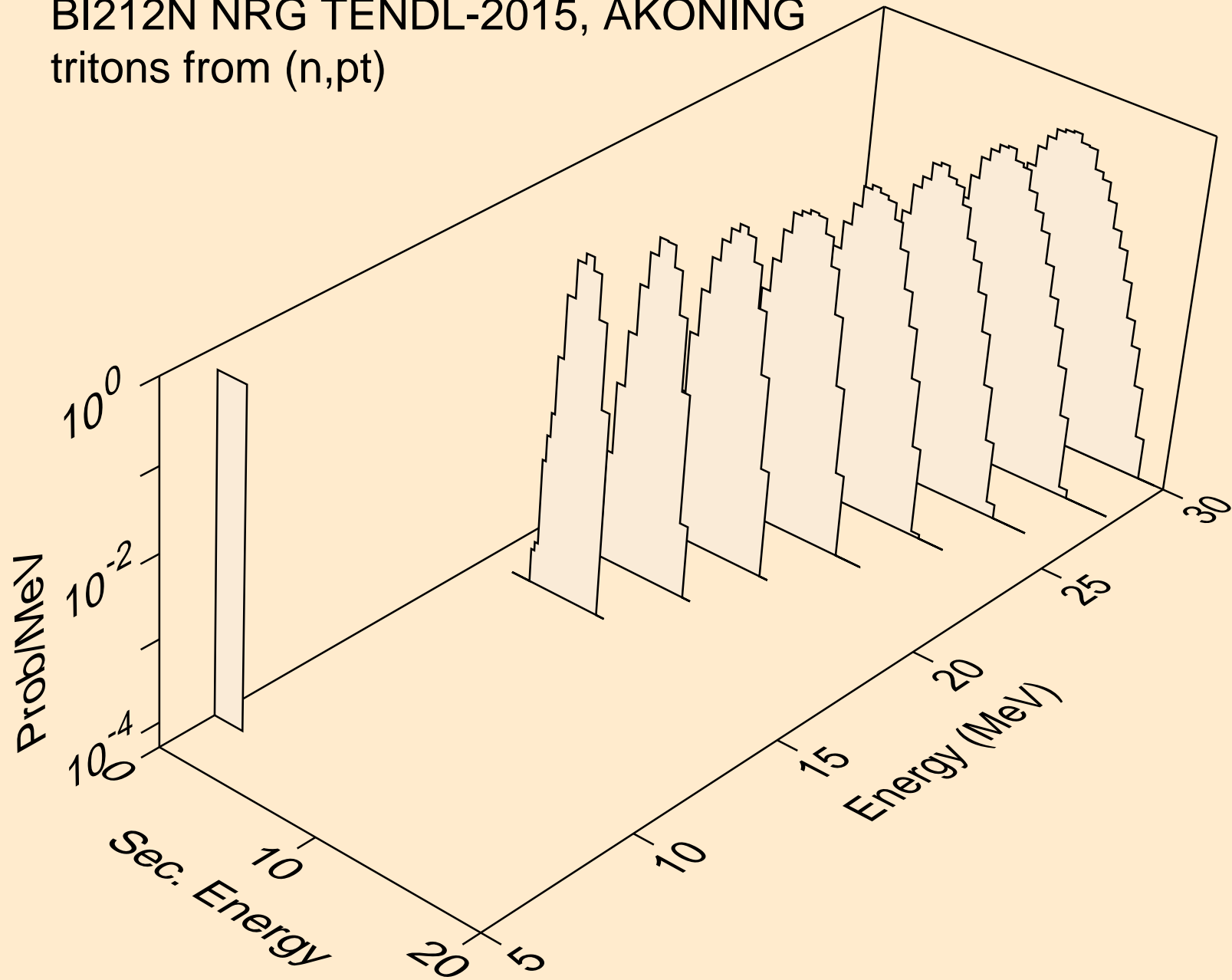
BI212N NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



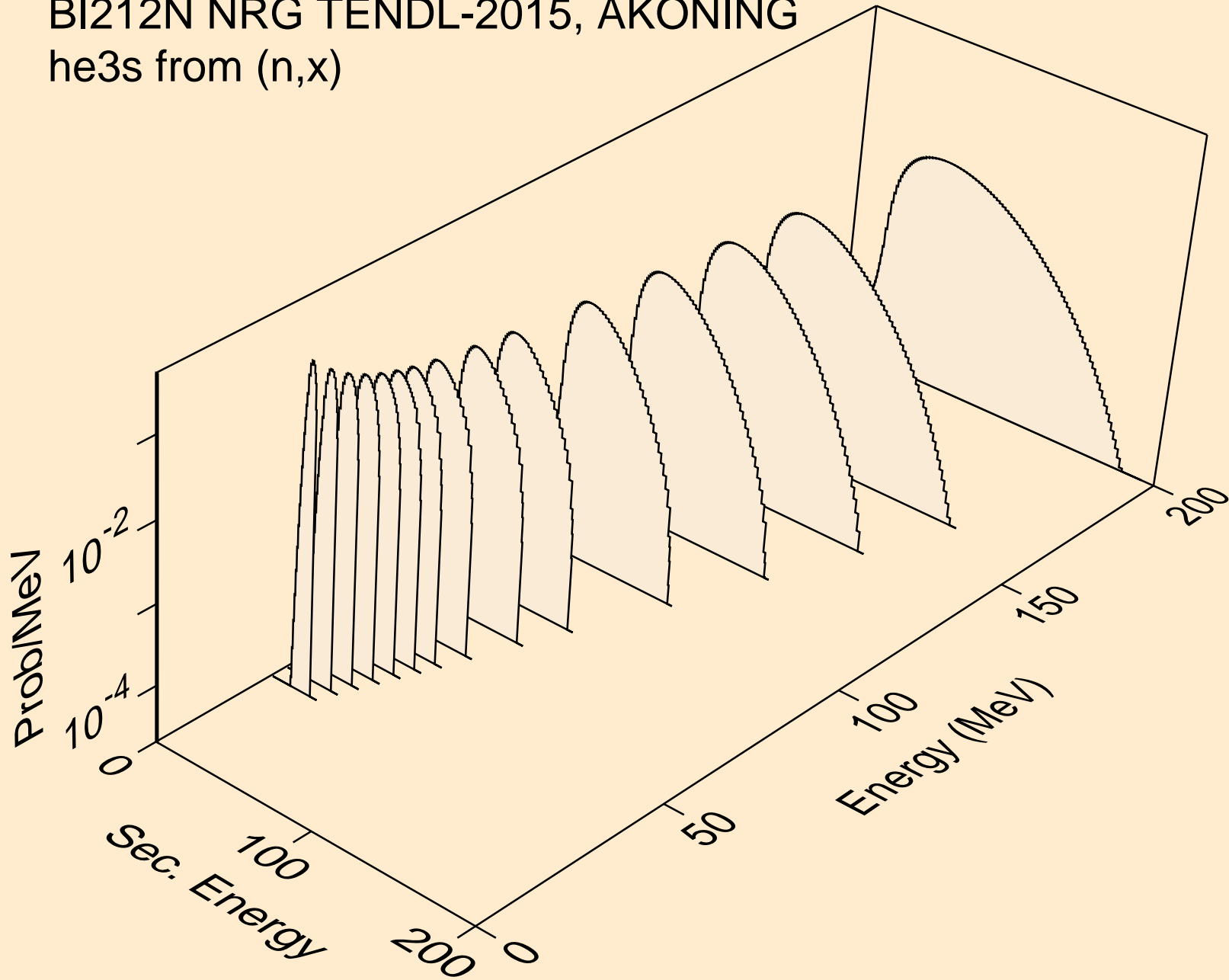
BI212N NRG TENDL-2015, AKONING  
tritons from (n,t)



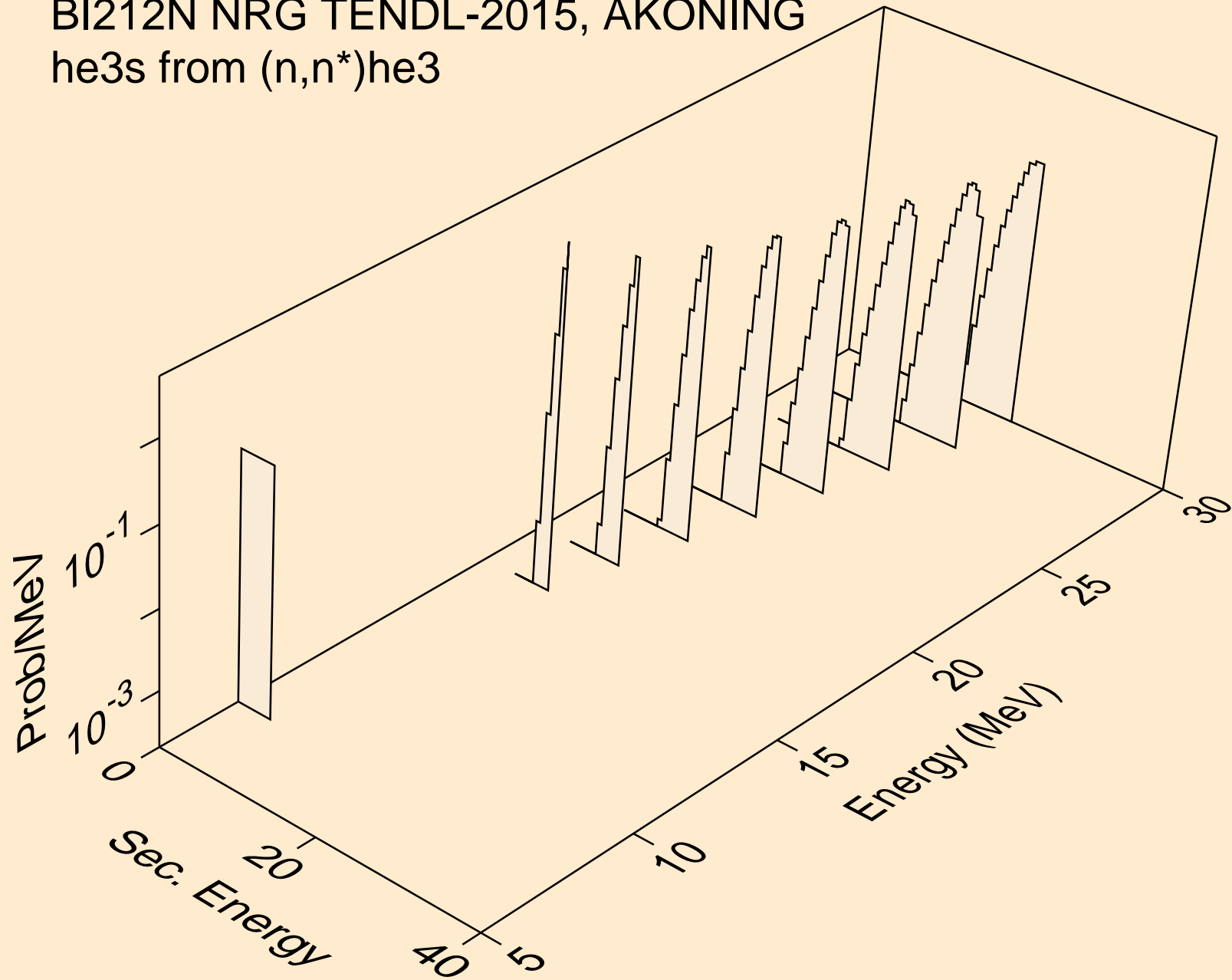
BI212N NRG TENDL-2015, AKONING  
tritons from (n,pt)



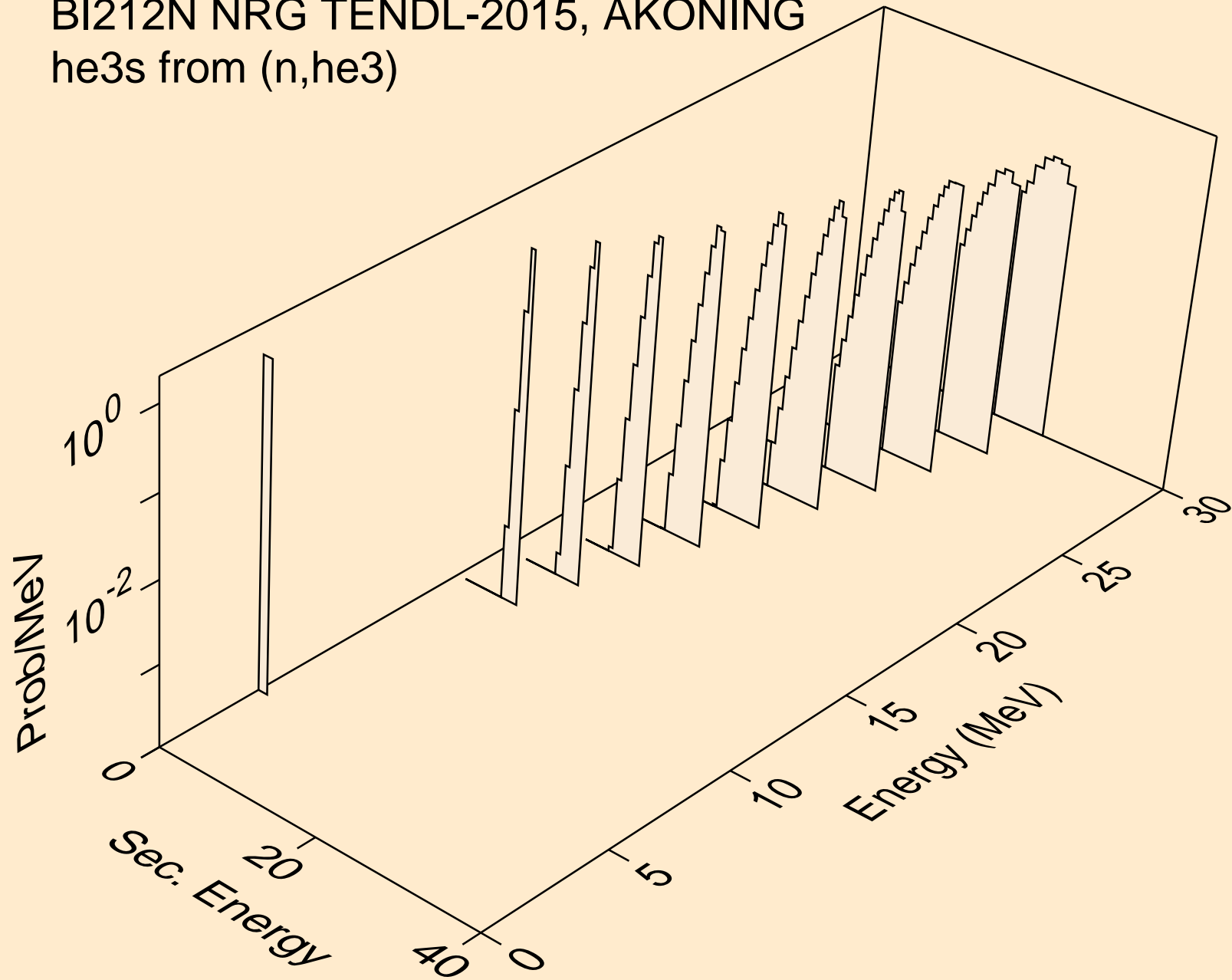
BI212N NRG TENDL-2015, AKONING  
he3s from (n,x)



BI212N NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3

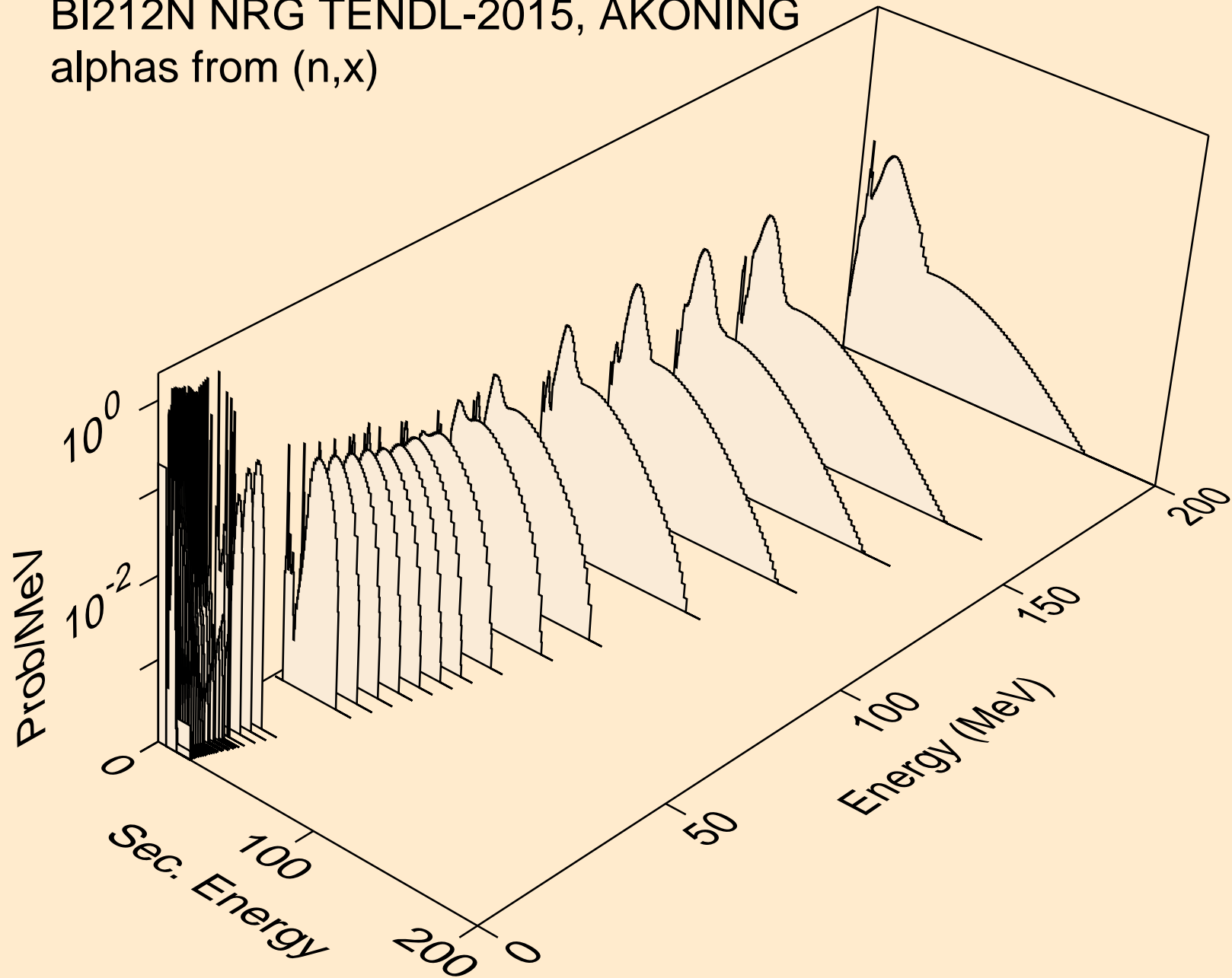


BI212N NRG TENDL-2015, AKONING  
he3s from (n,he3)

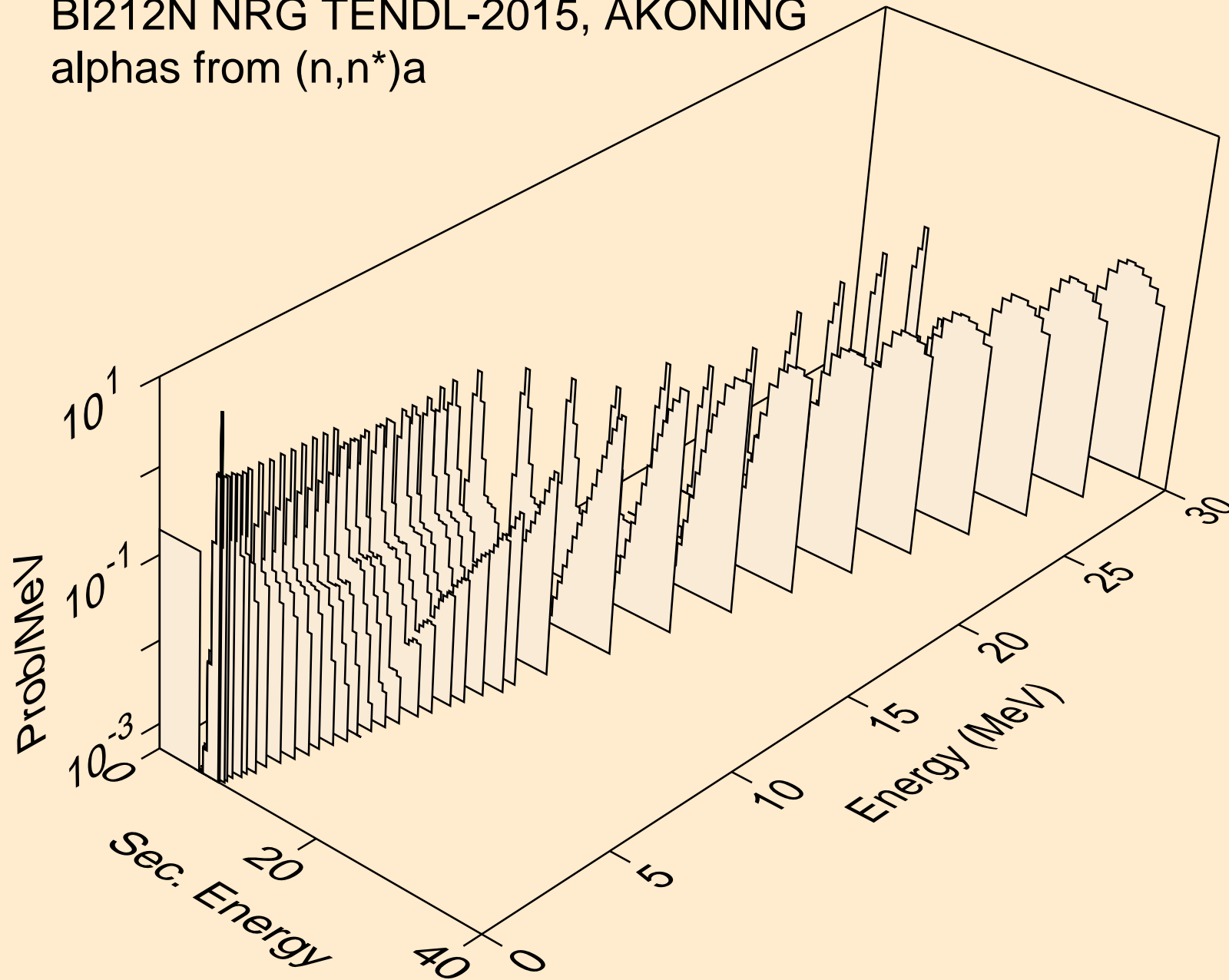




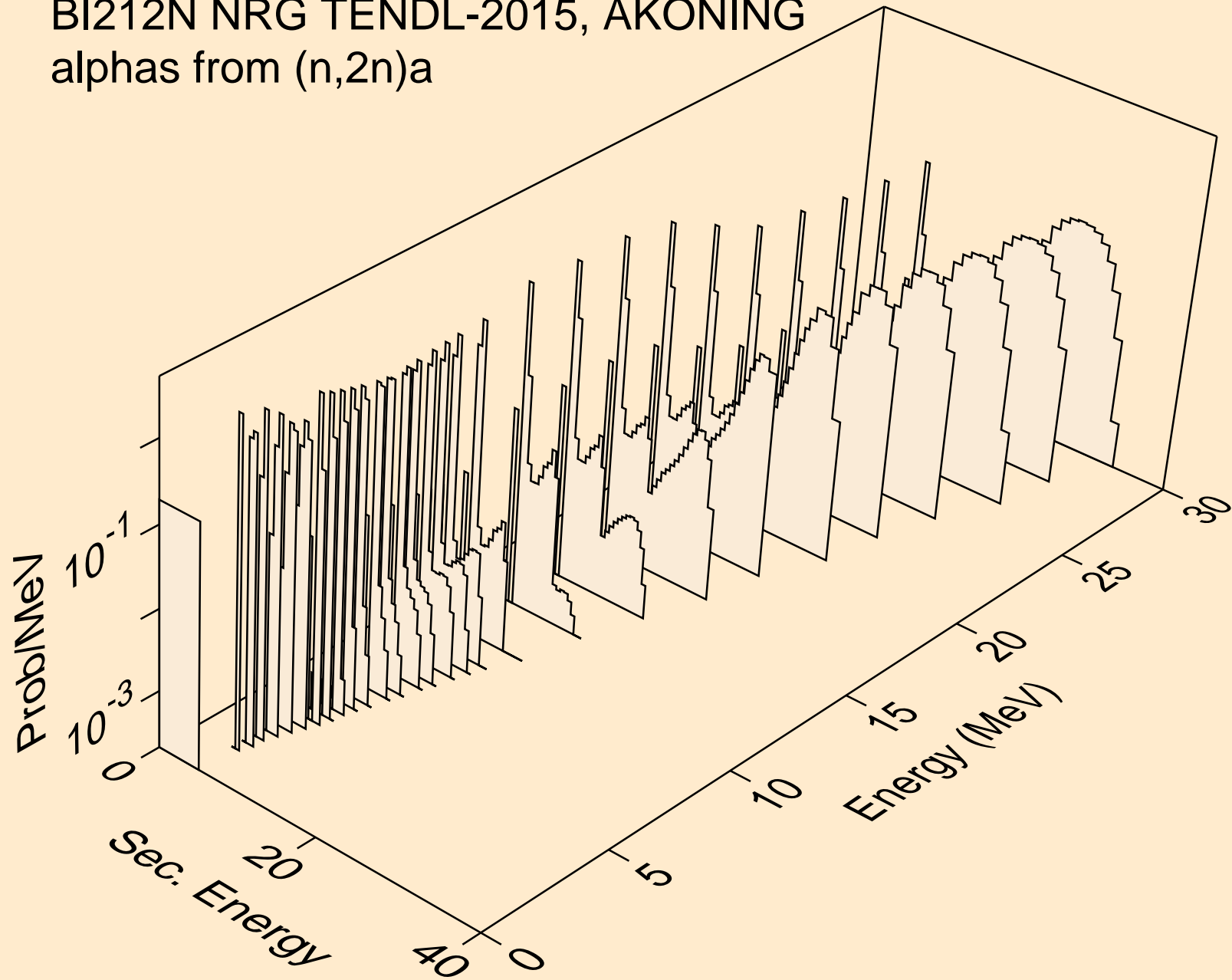
BI212N NRG TENDL-2015, AKONING  
alphas from (n,x)



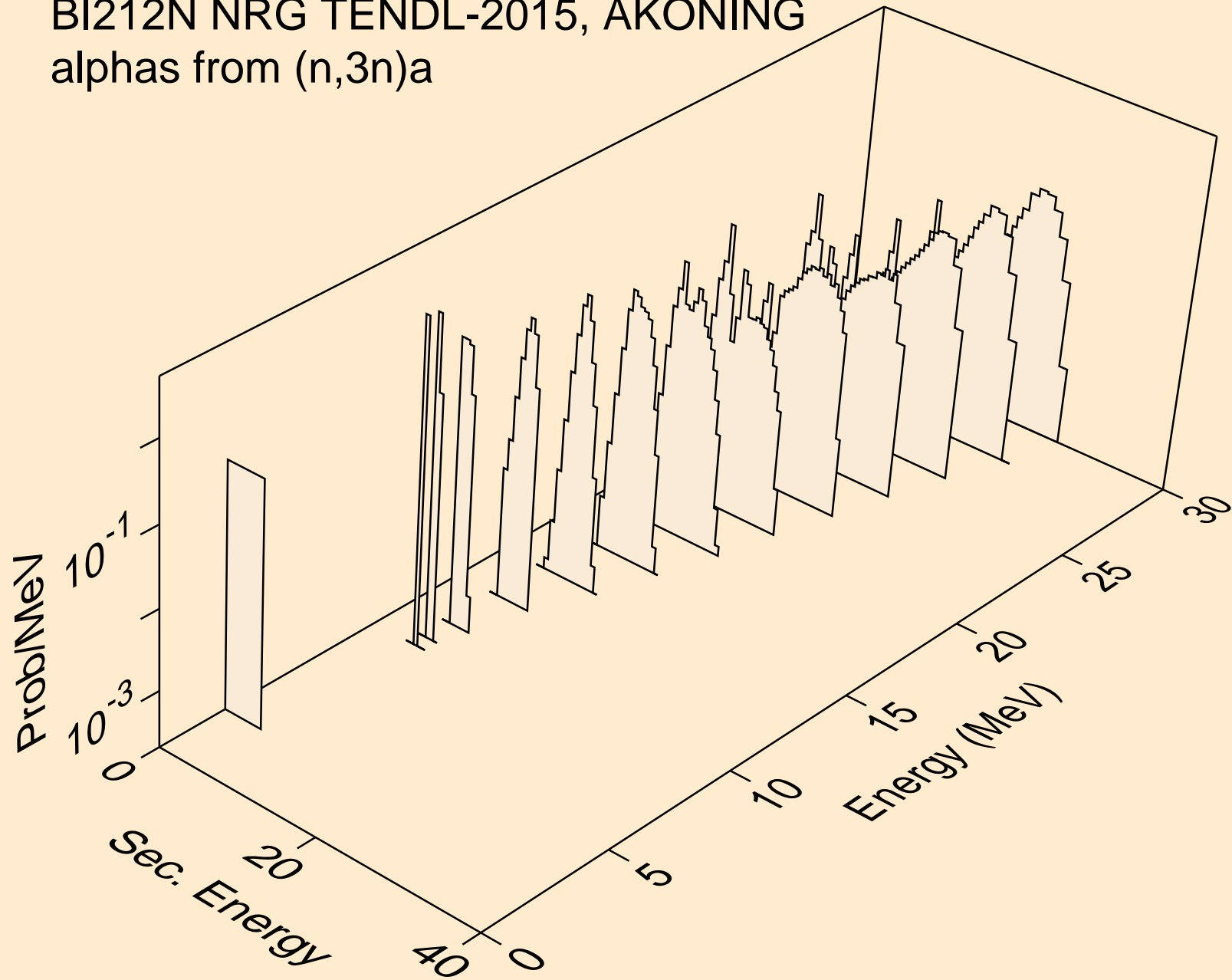
BI212N NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



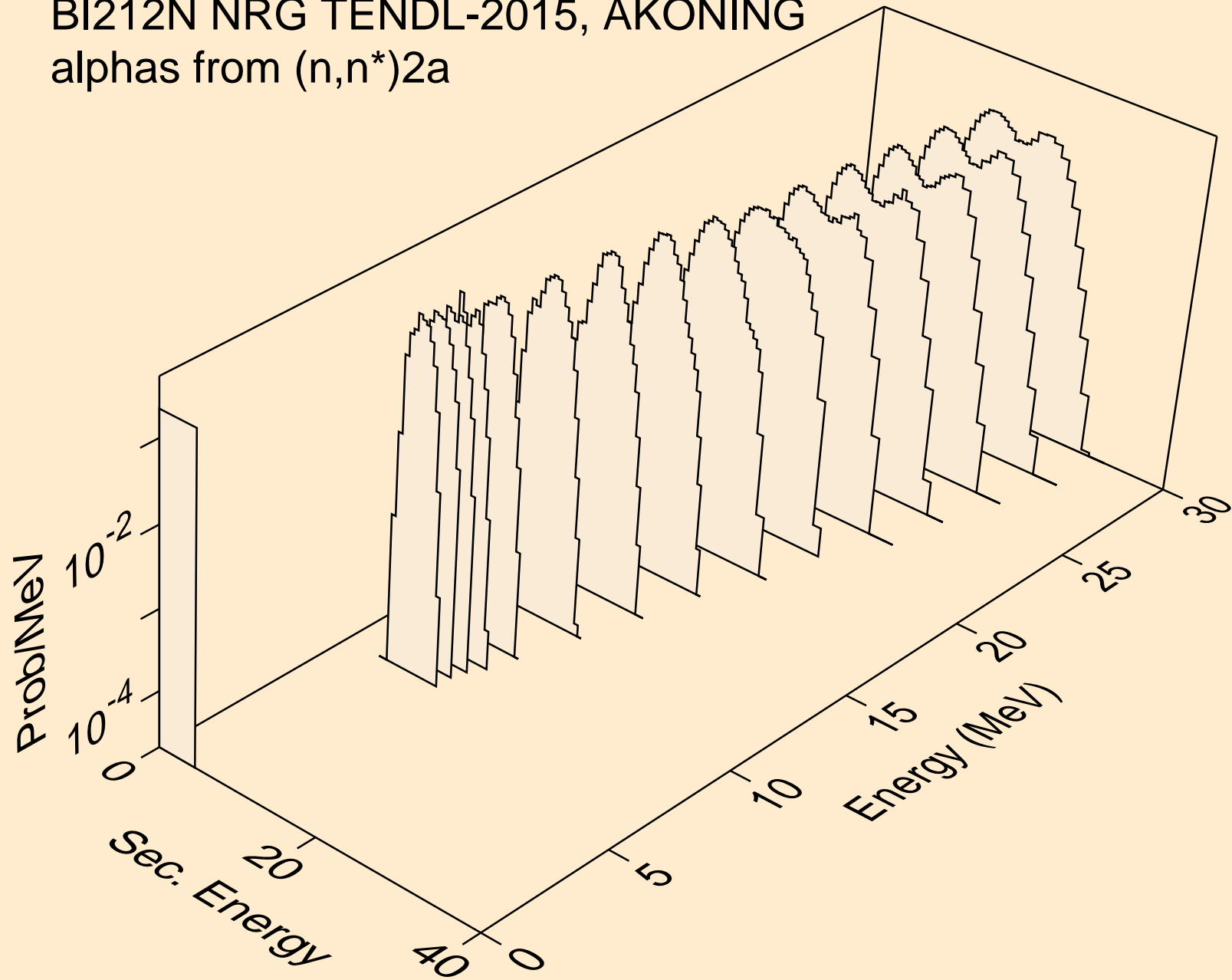
BI212N NRG TENDL-2015, AKONING  
alphas from (n,2n)a



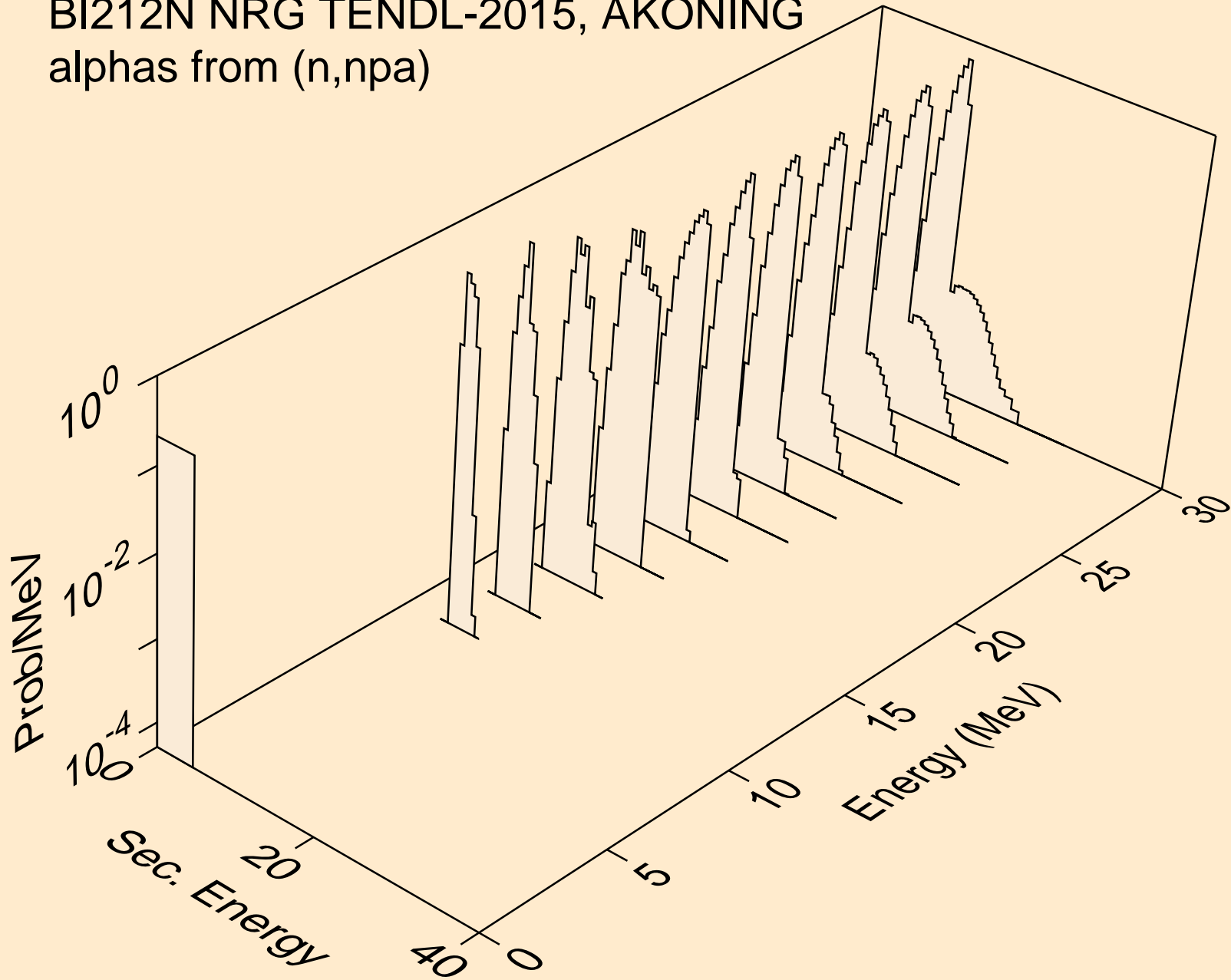
BI212N NRG TENDL-2015, AKONING  
alphas from (n,3n)a



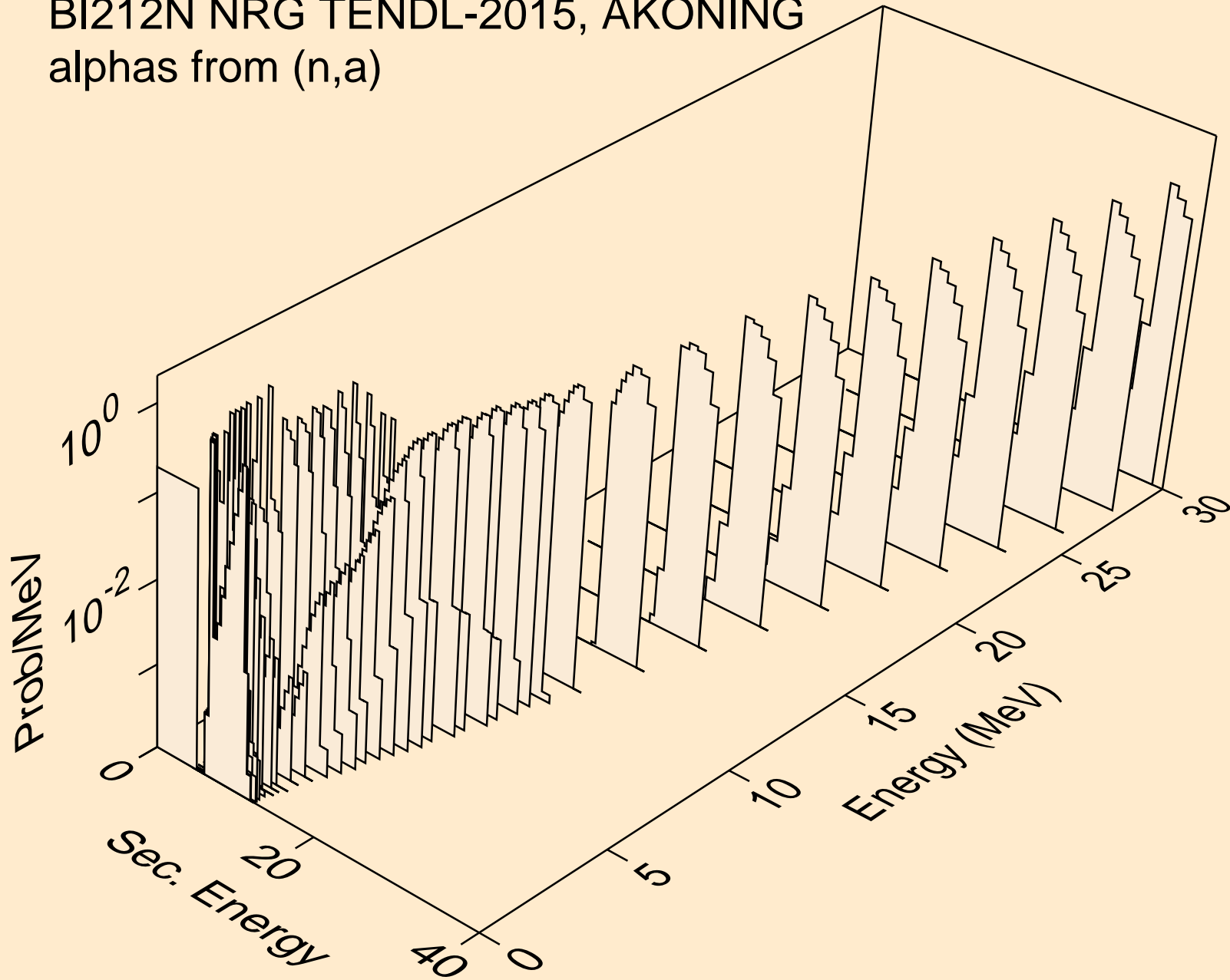
BI212N NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



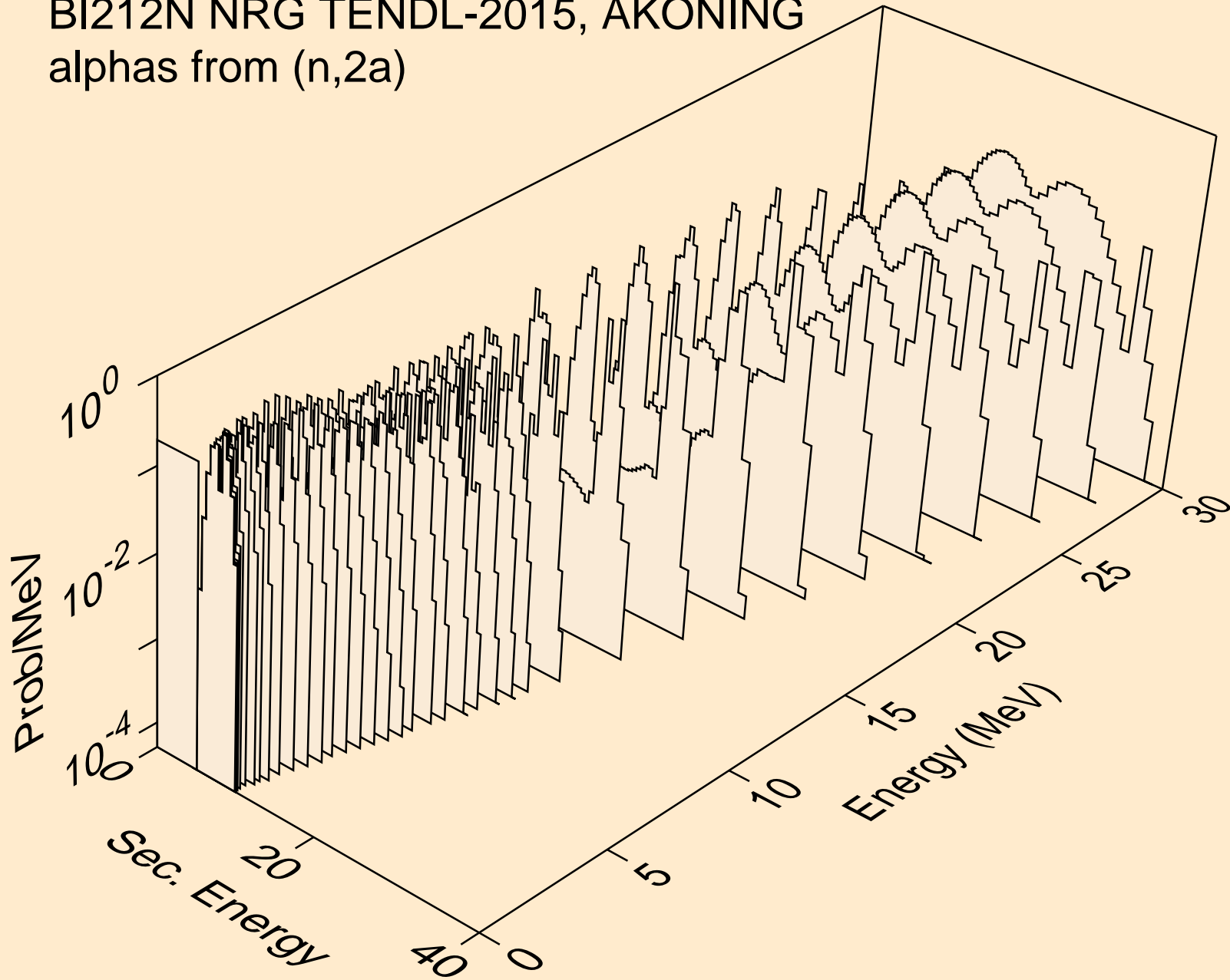
BI212N NRG TENDL-2015, AKONING  
alphas from (n,npa)



BI212N NRG TENDL-2015, AKONING  
alphas from (n,a)

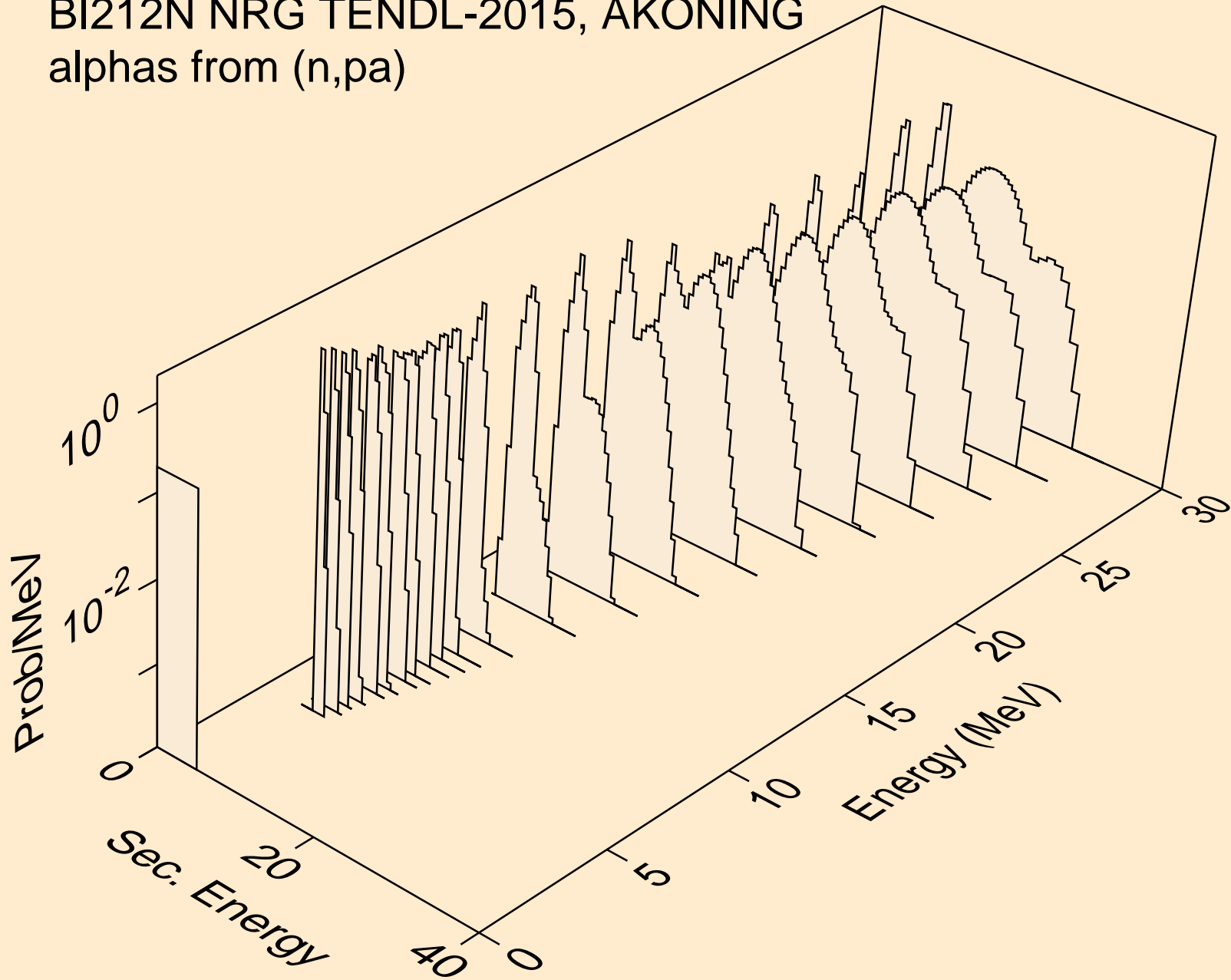


BI212N NRG TENDL-2015, AKONING  
alphas from (n,2a)





BI212N NRG TENDL-2015, AKONING  
alphas from (n,pa)



BI212N NRG TENDL-2015, AKONING  
alphas from (n,da)

