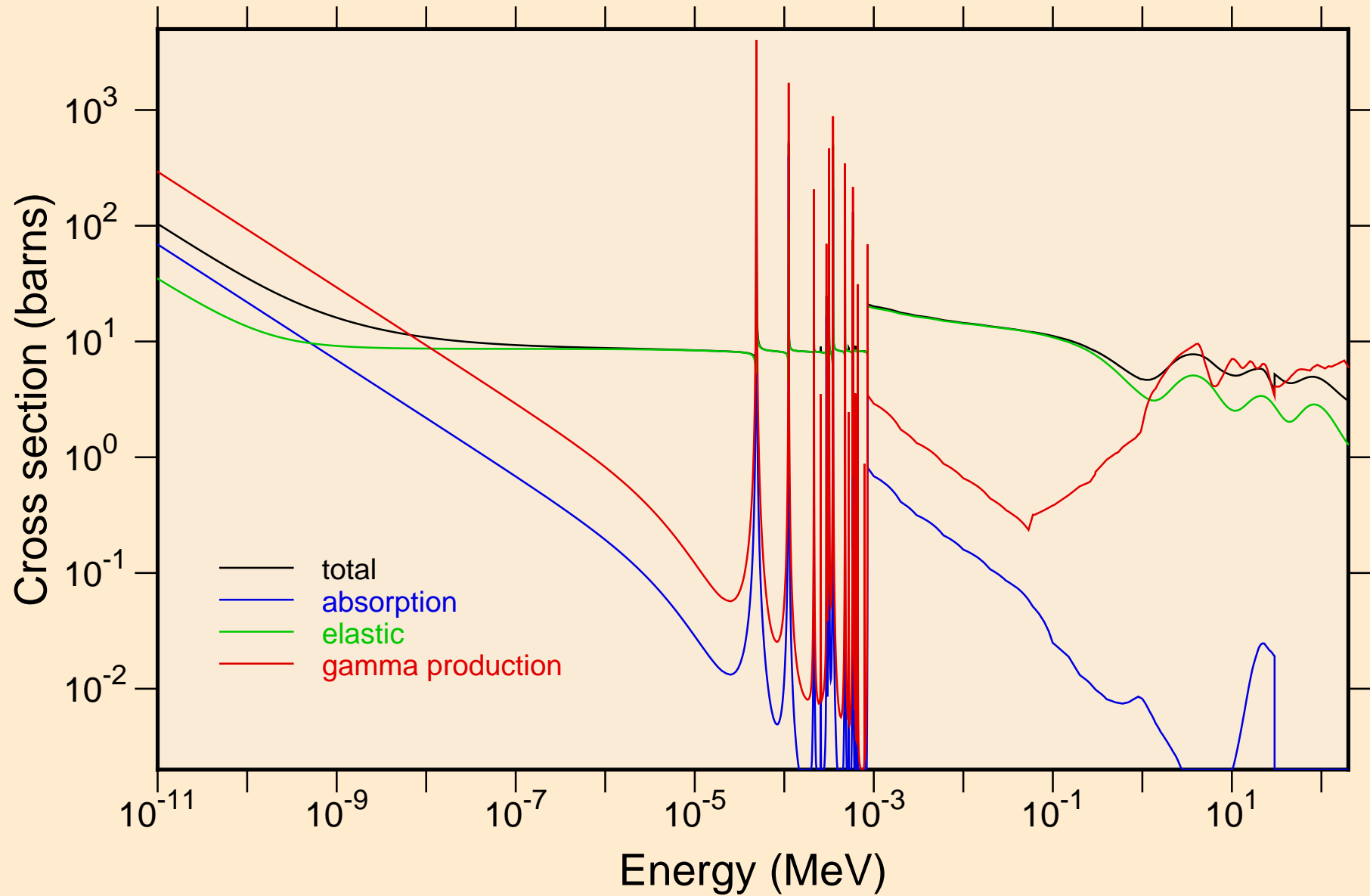
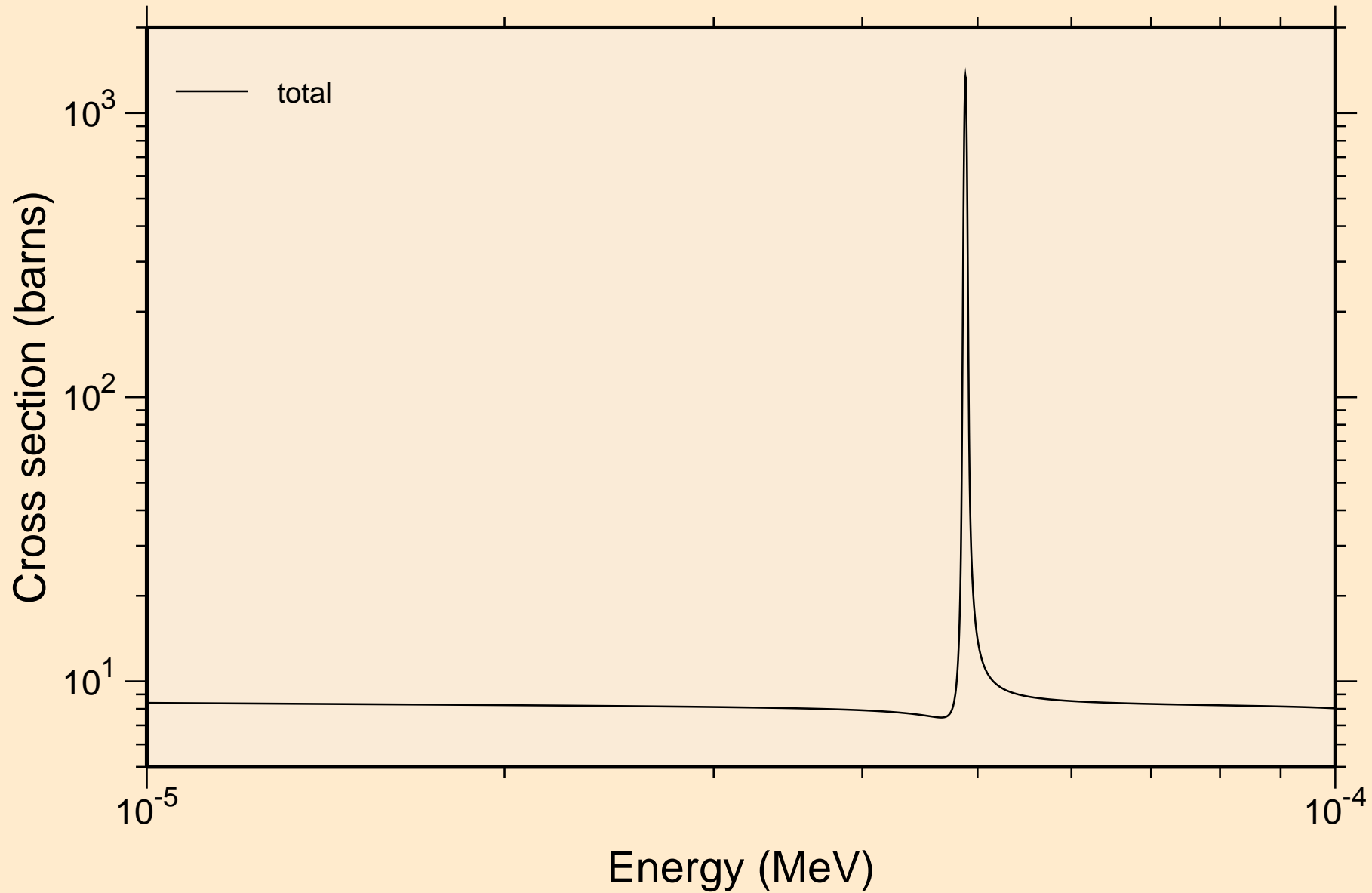


# BI214 NRG TENDL-2015, AKONING

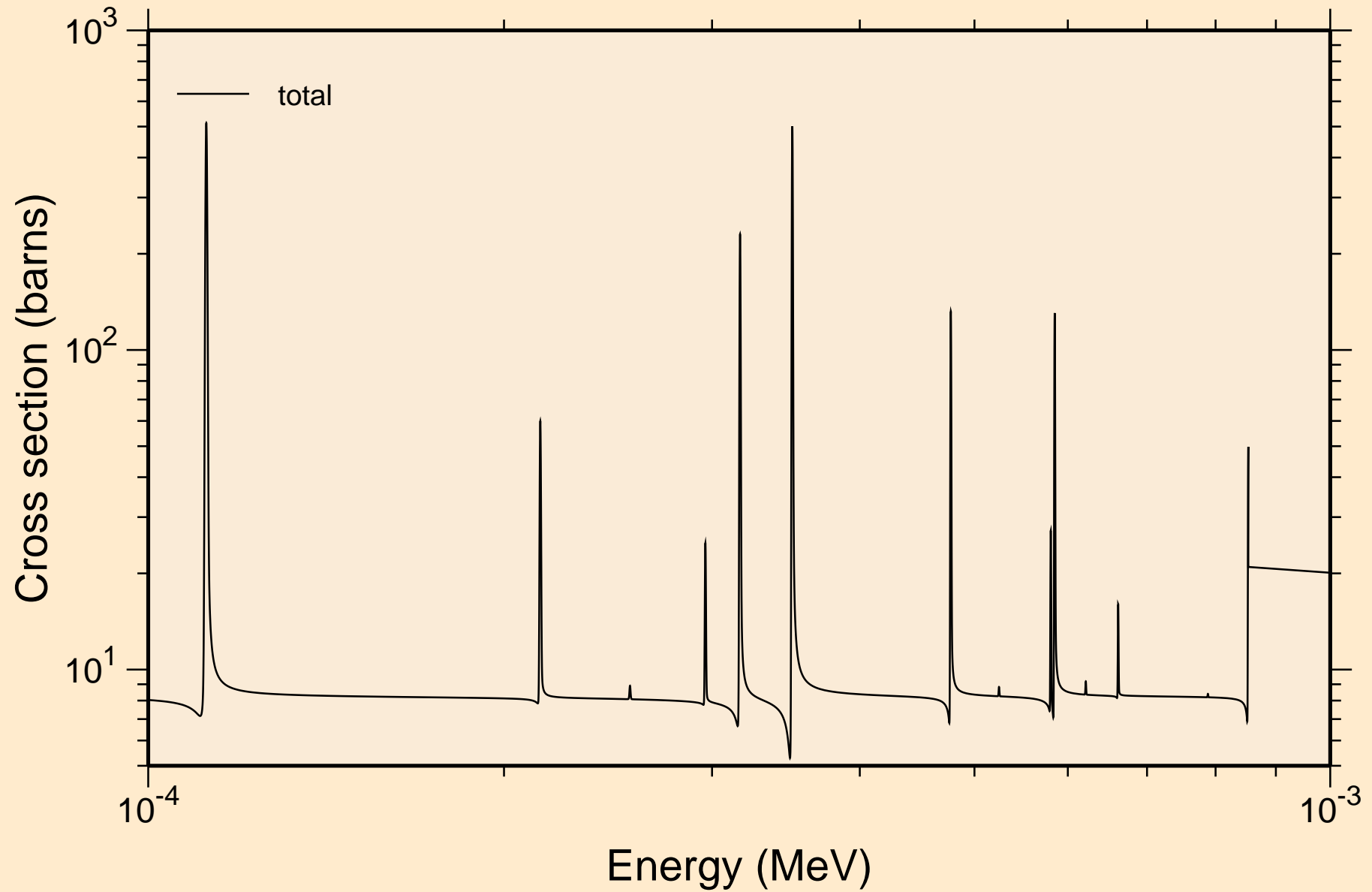
## Principal cross sections



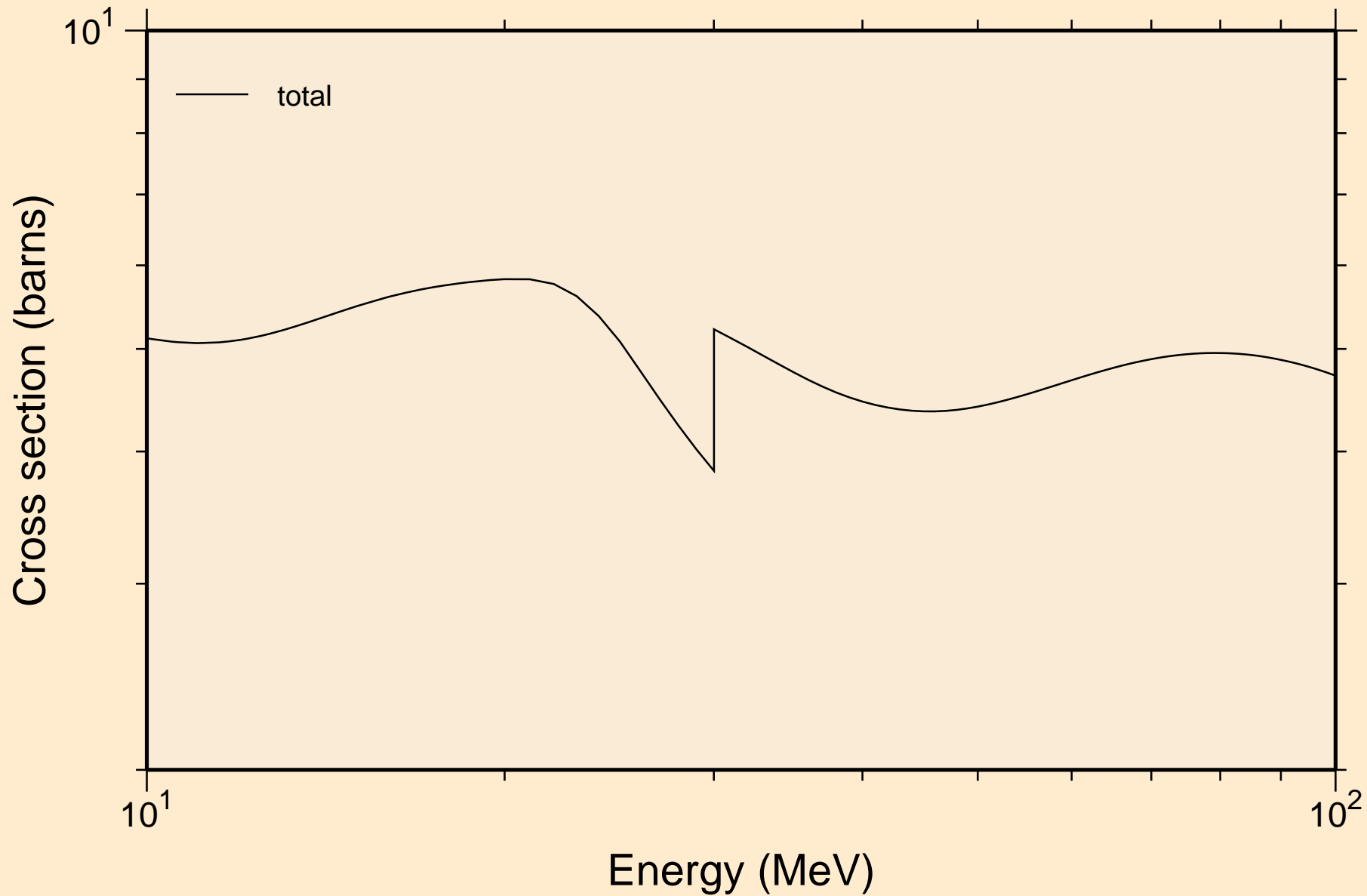
BI214 NRG TENDL-2015, AKONING  
resonance total cross section



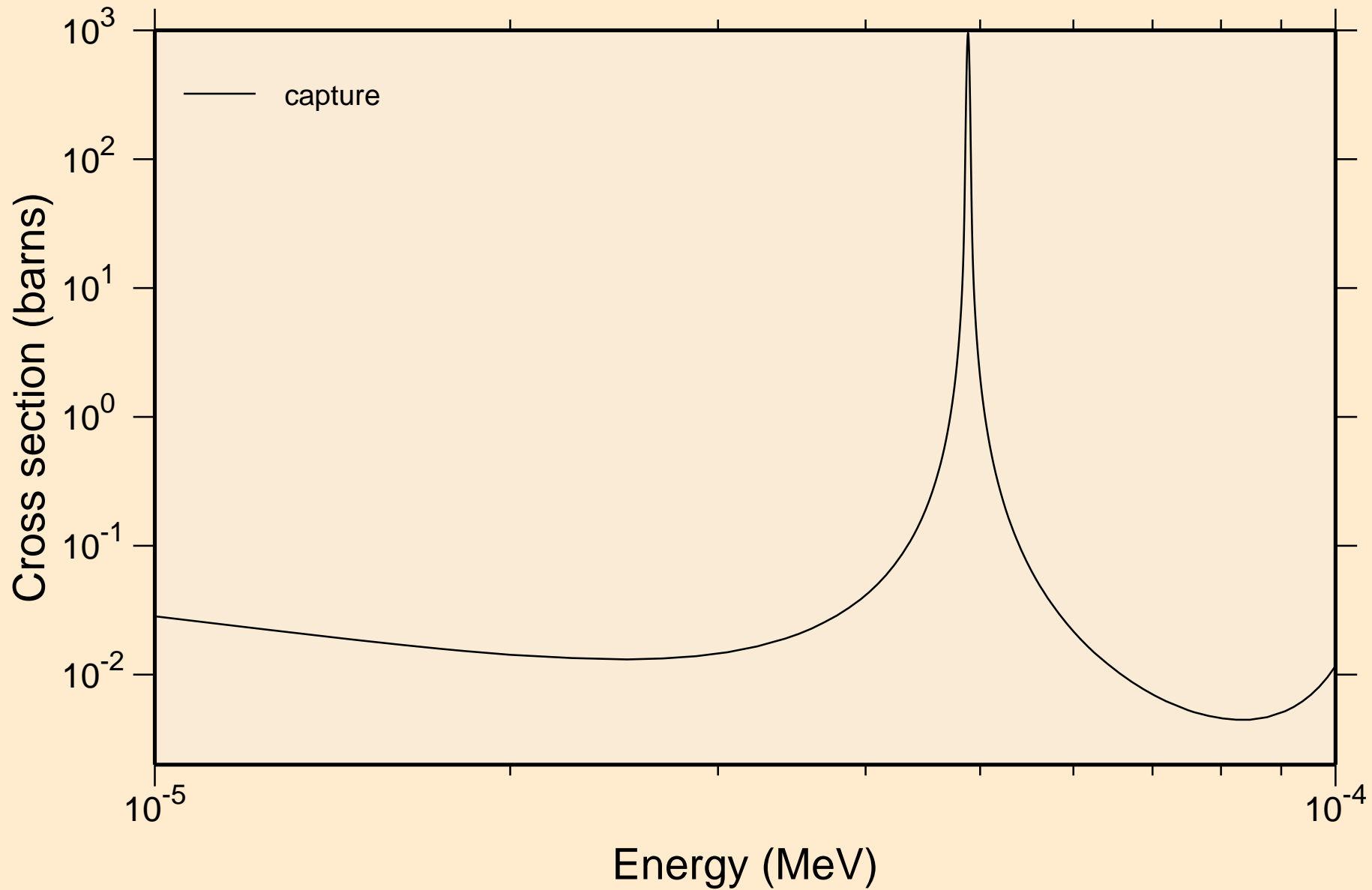
BI214 NRG TENDL-2015, AKONING  
resonance total cross section



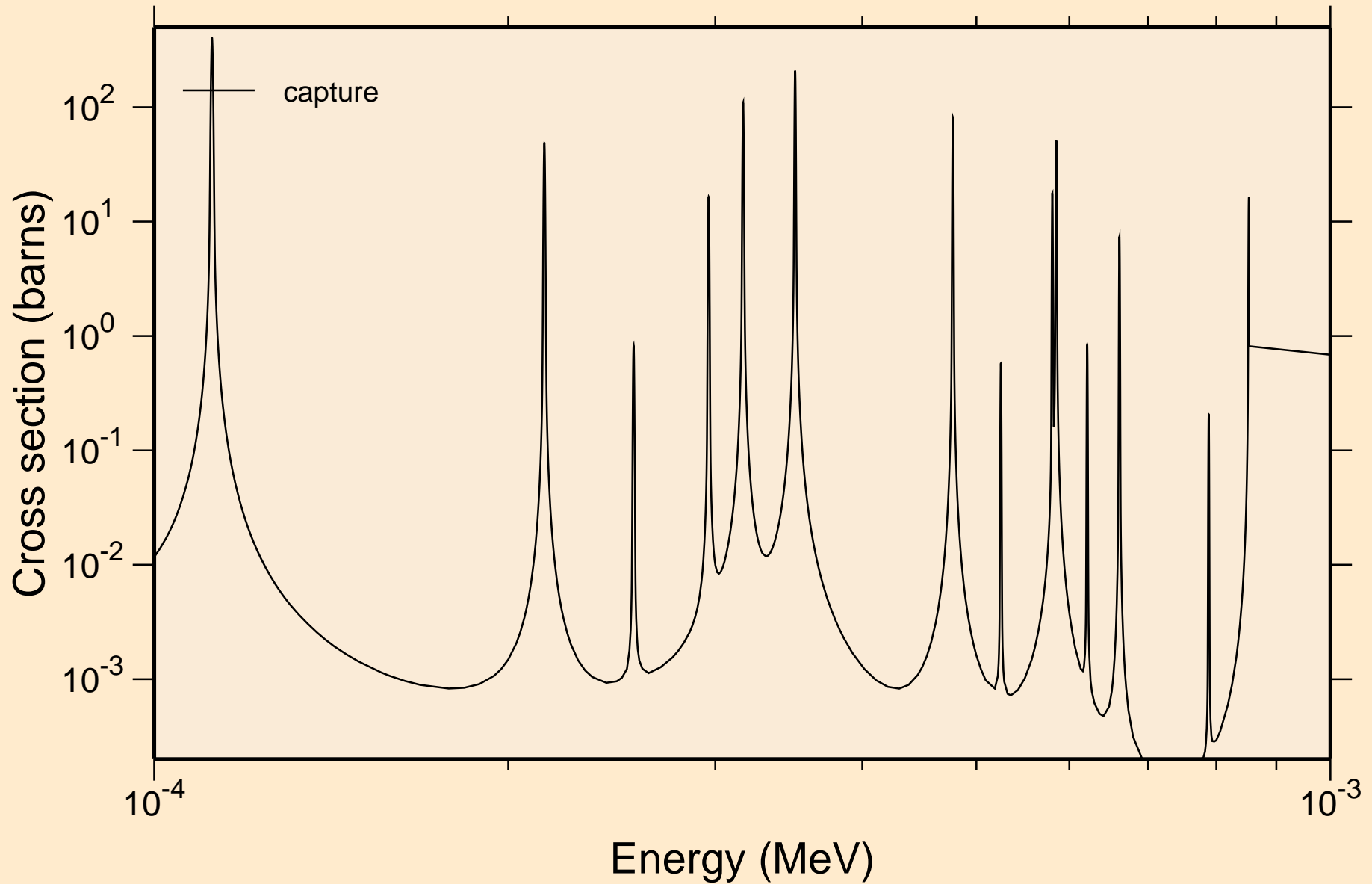
BI214 NRG TENDL-2015, AKONING  
resonance total cross section



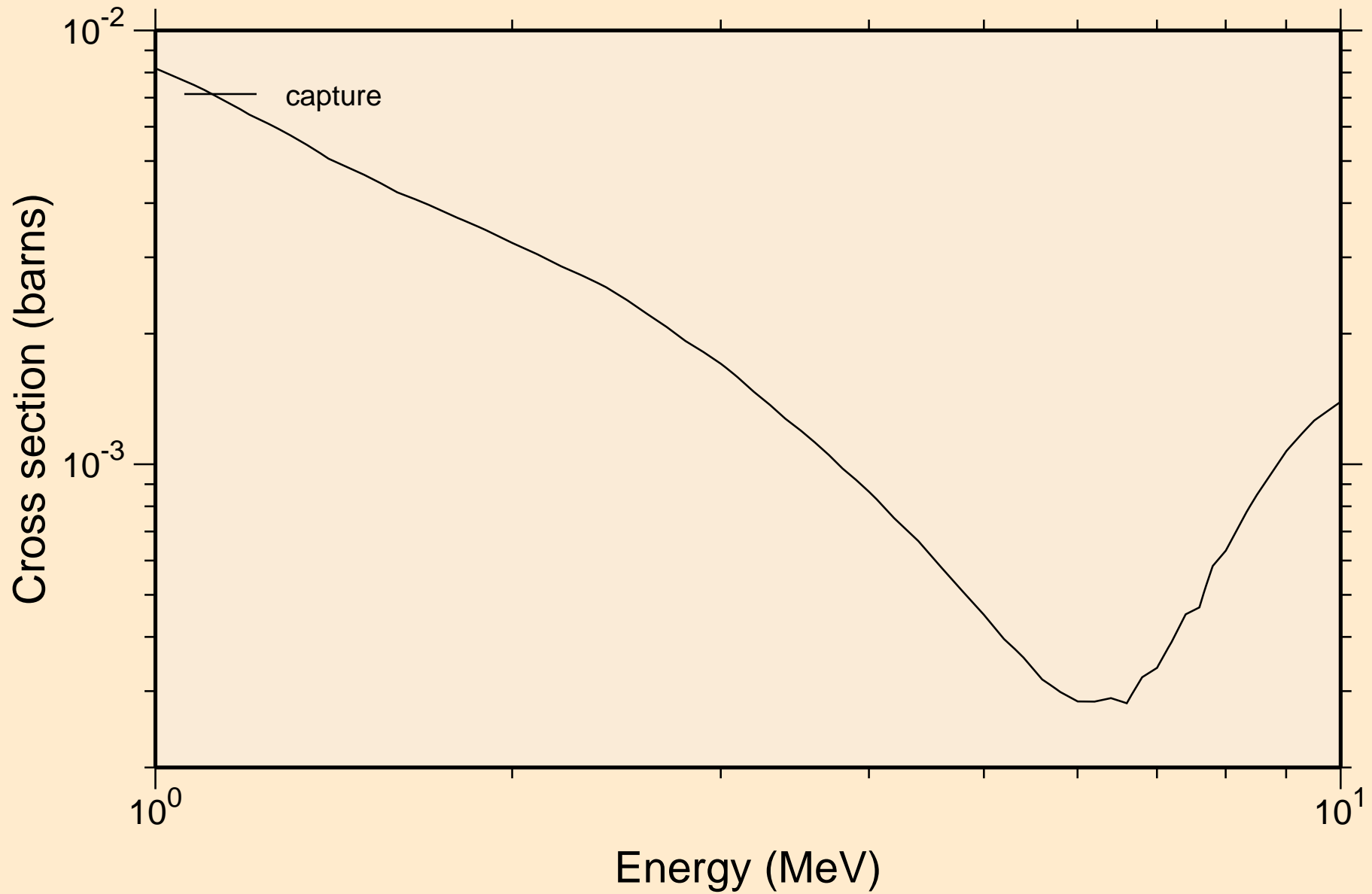
BI214 NRG TENDL-2015, AKONING  
resonance absorption cross sections



BI214 NRG TENDL-2015, AKONING  
resonance absorption cross sections

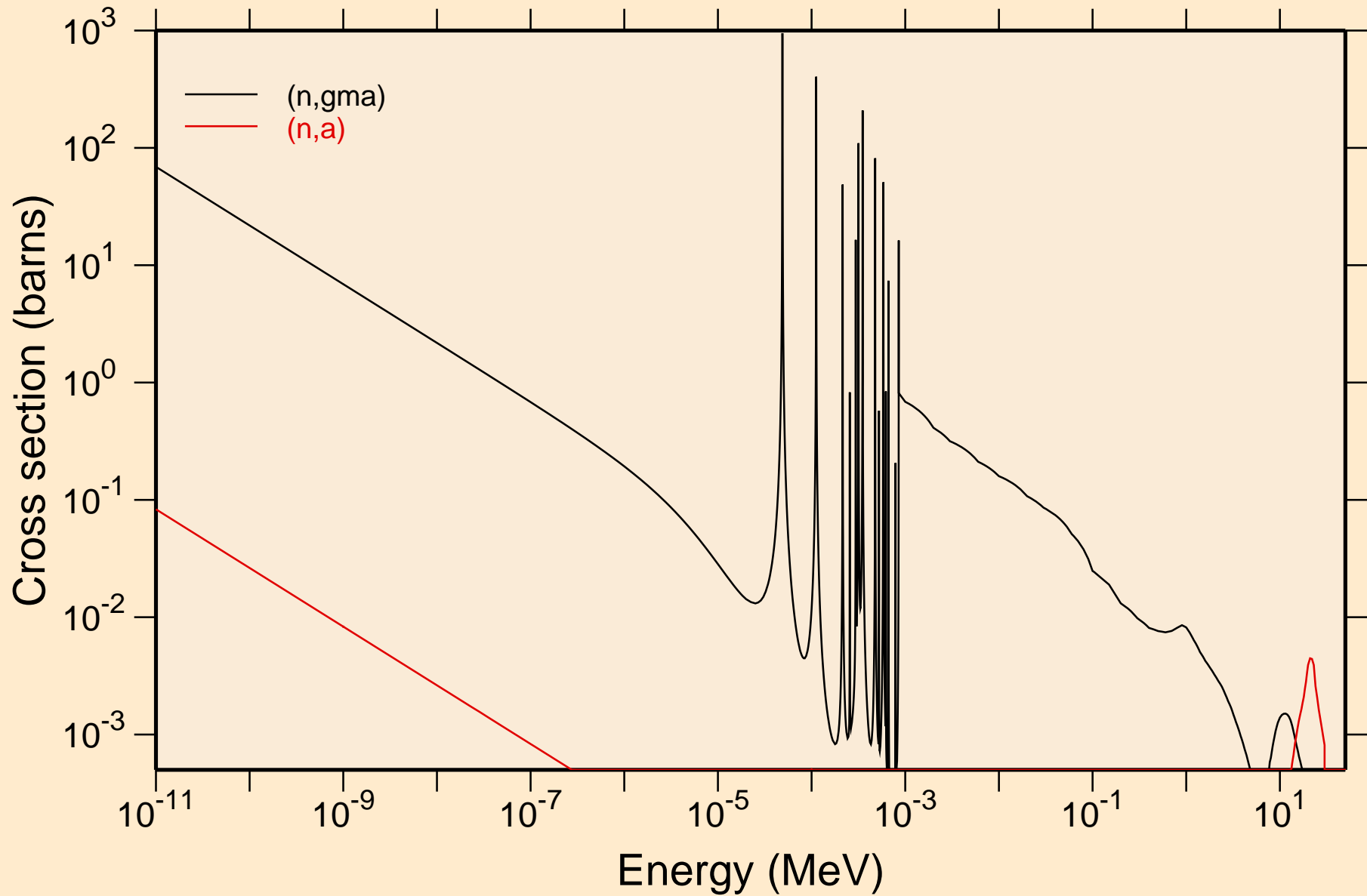


BI214 NRG TENDL-2015, AKONING  
resonance absorption cross sections



# BI214 NRG TENDL-2015, AKONING

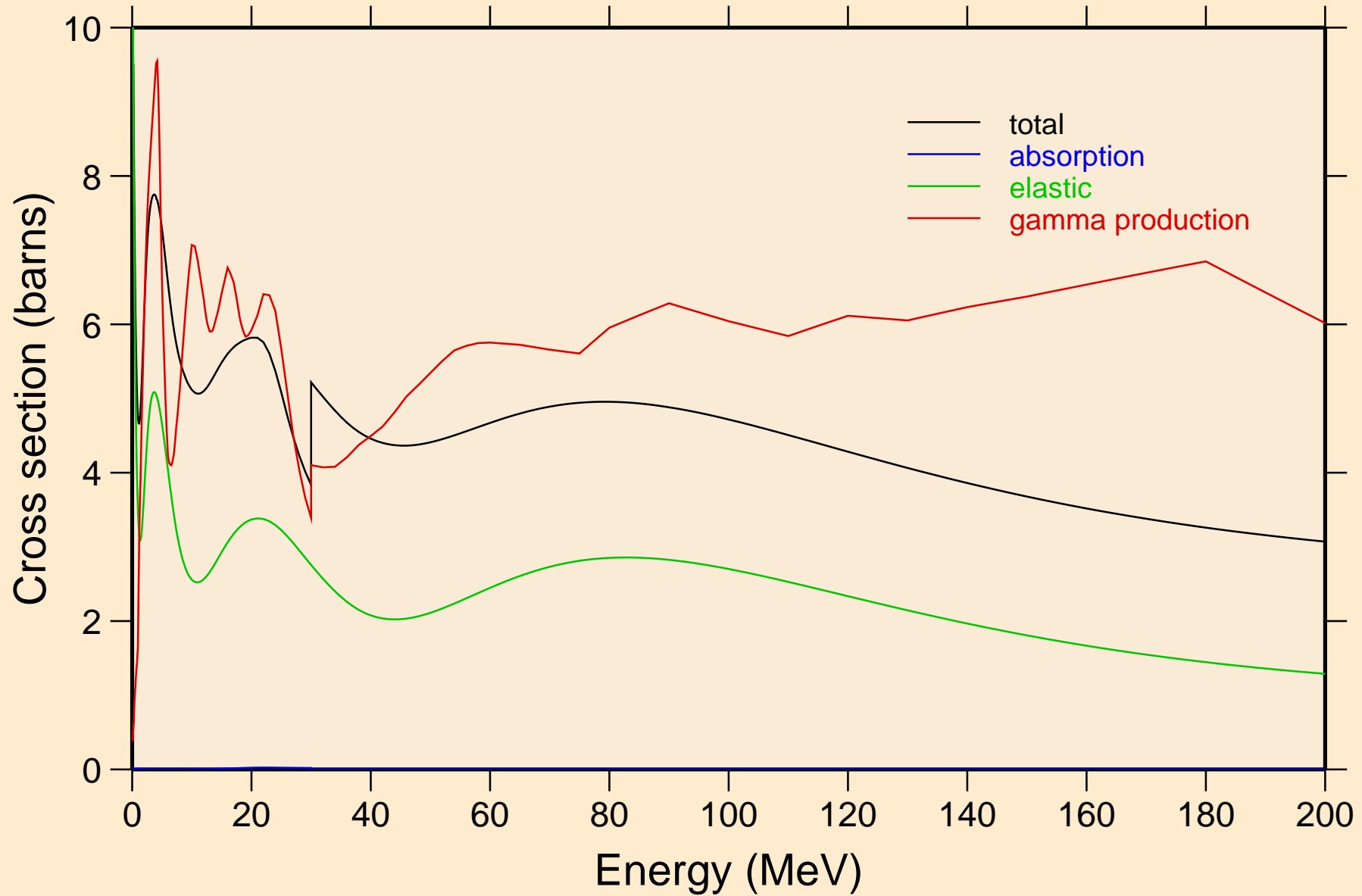
## Non-threshold reactions





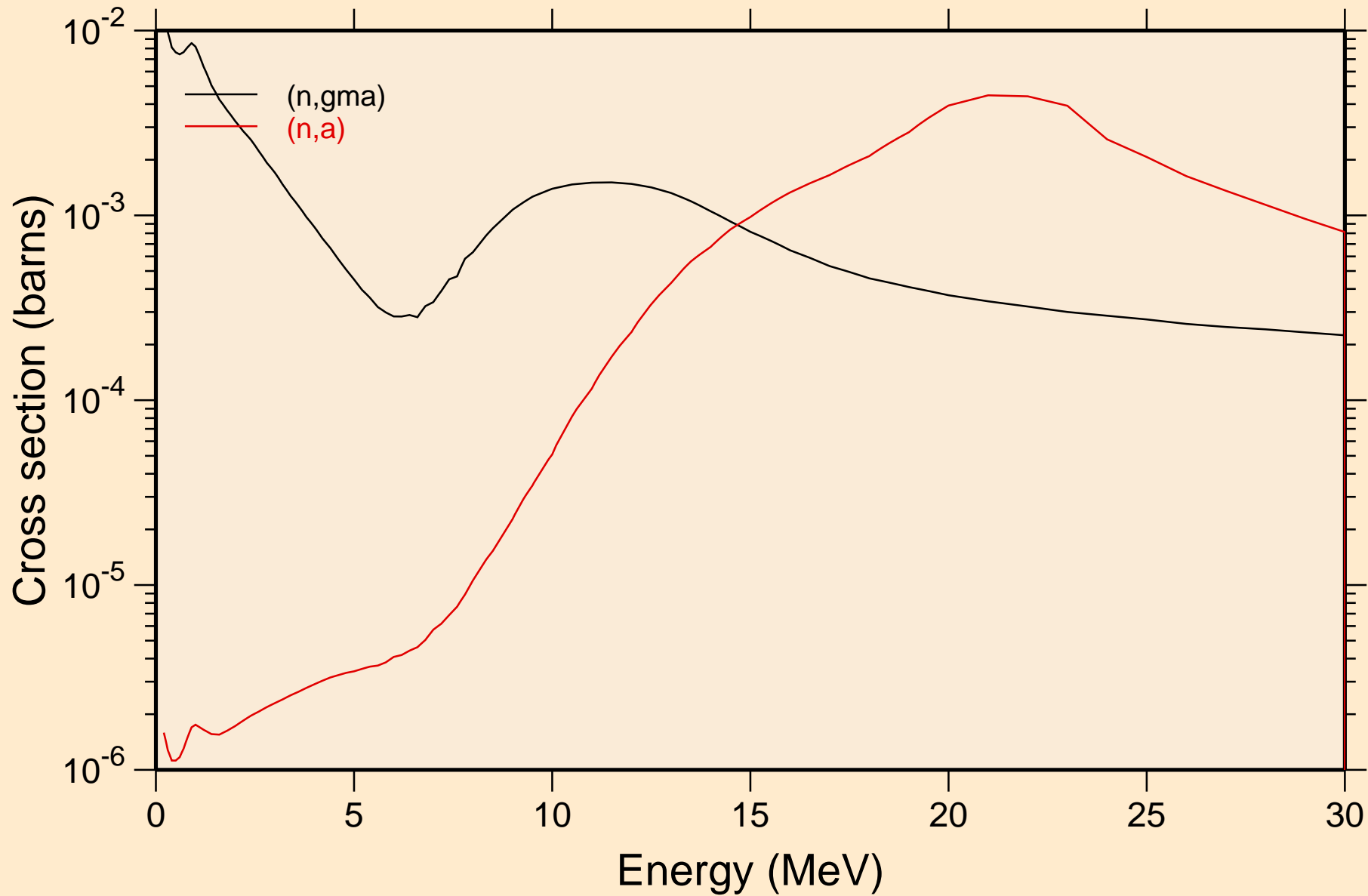
# BI214 NRG TENDL-2015, AKONING

## Principal cross sections



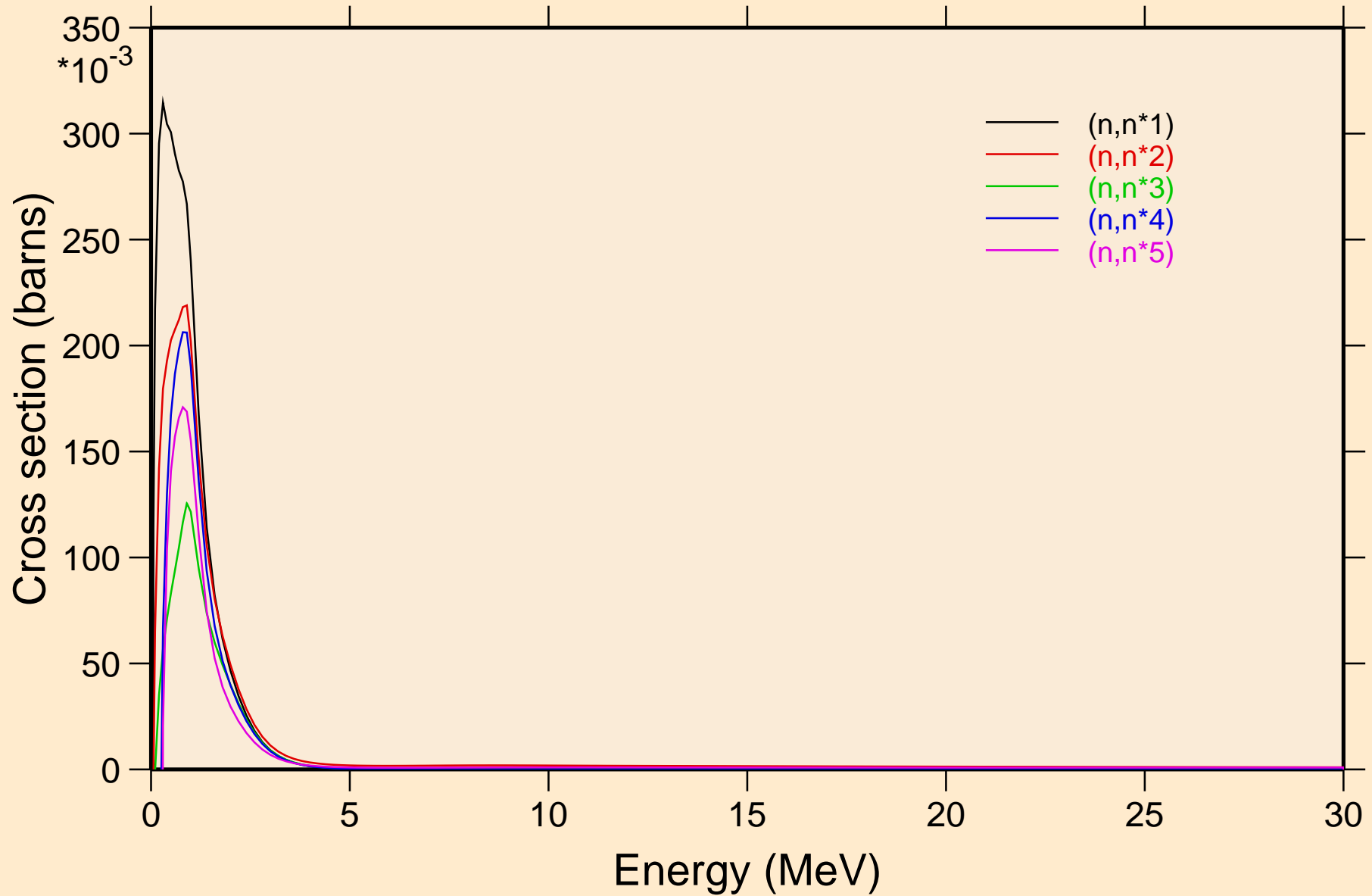
# BI214 NRG TENDL-2015, AKONING

## Non-threshold reactions



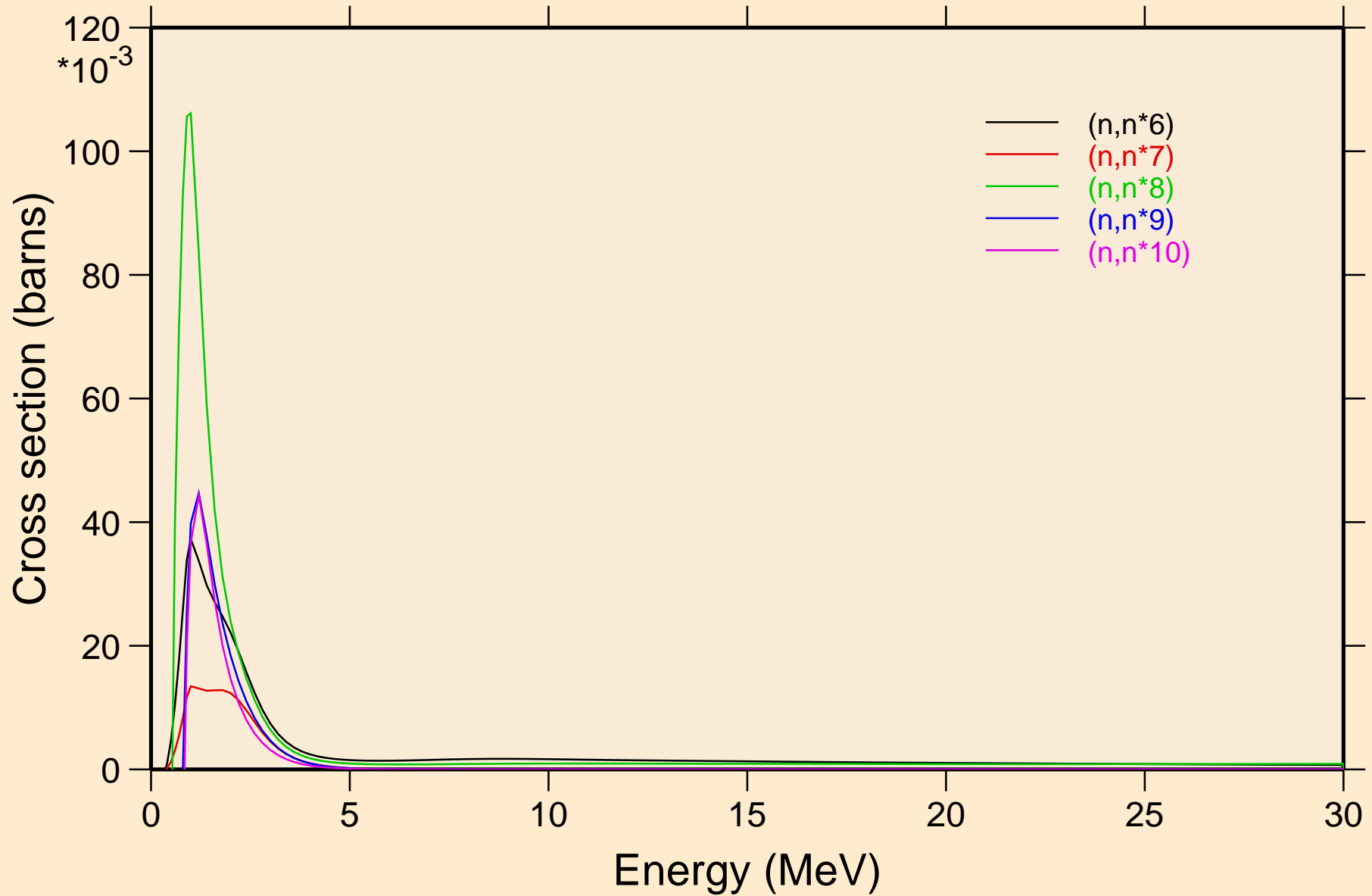
# BI214 NRG TENDL-2015, AKONING

## Inelastic levels



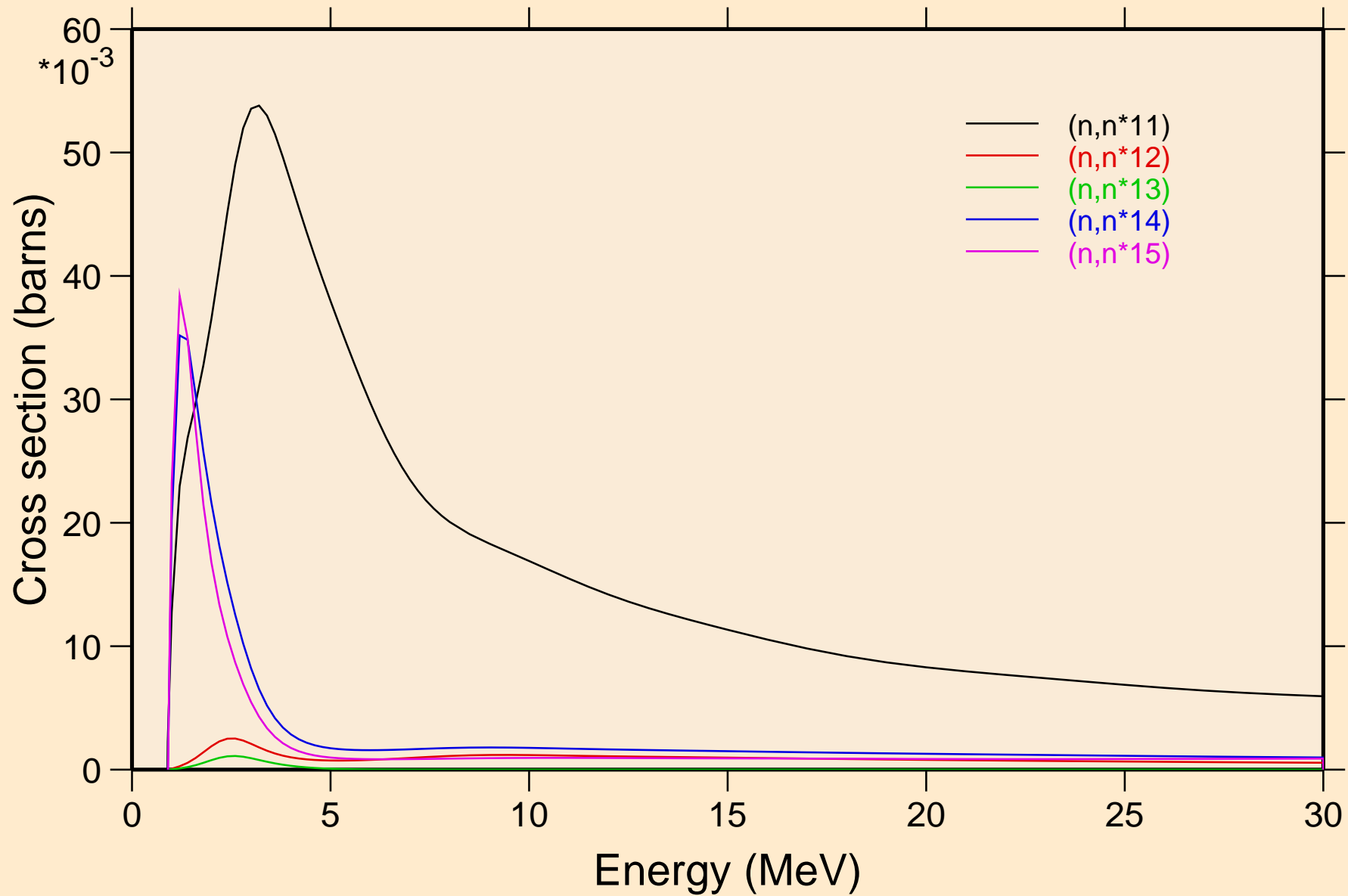
# BI214 NRG TENDL-2015, AKONING

## Inelastic levels



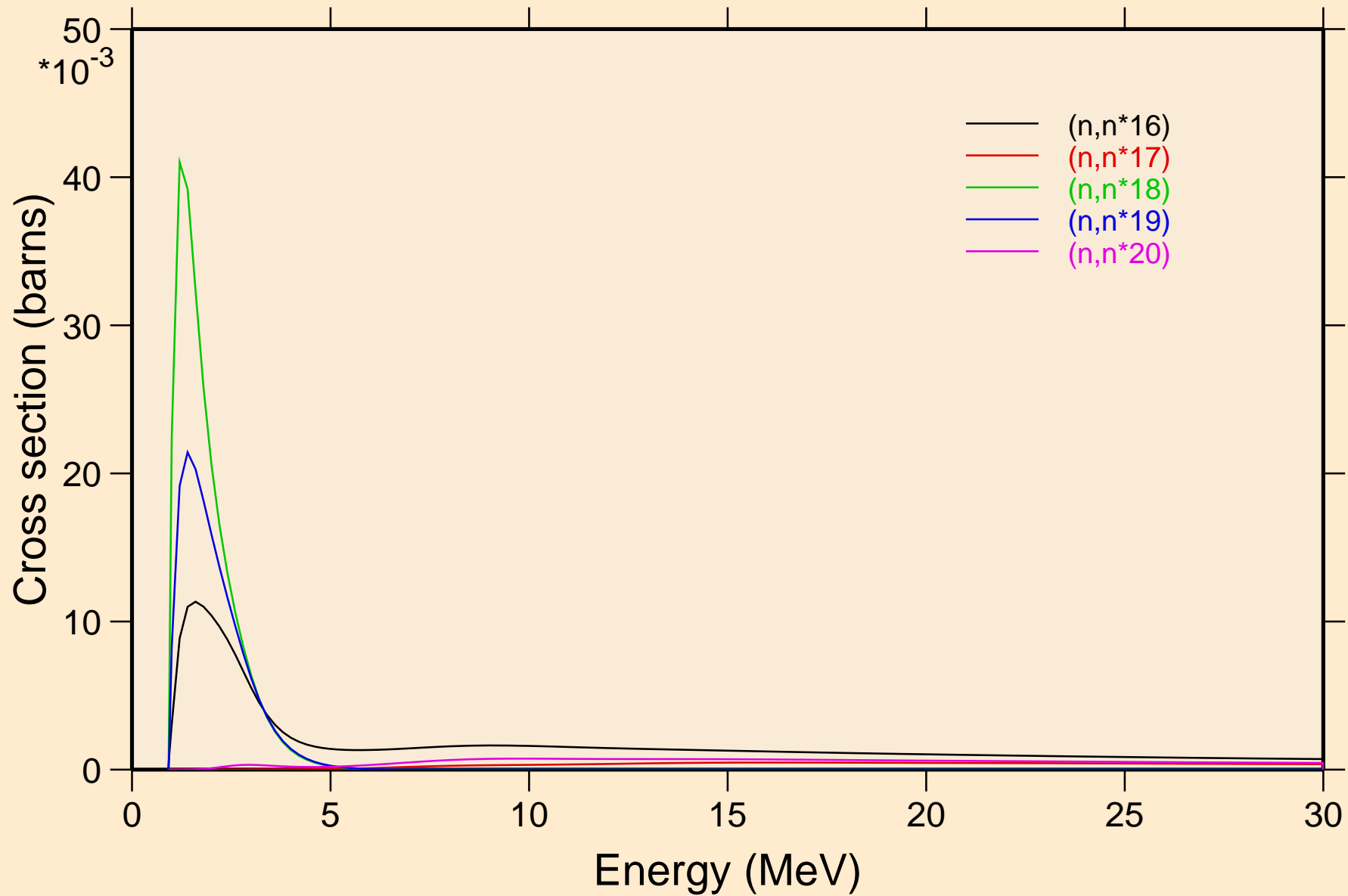
# BI214 NRG TENDL-2015, AKONING

## Inelastic levels



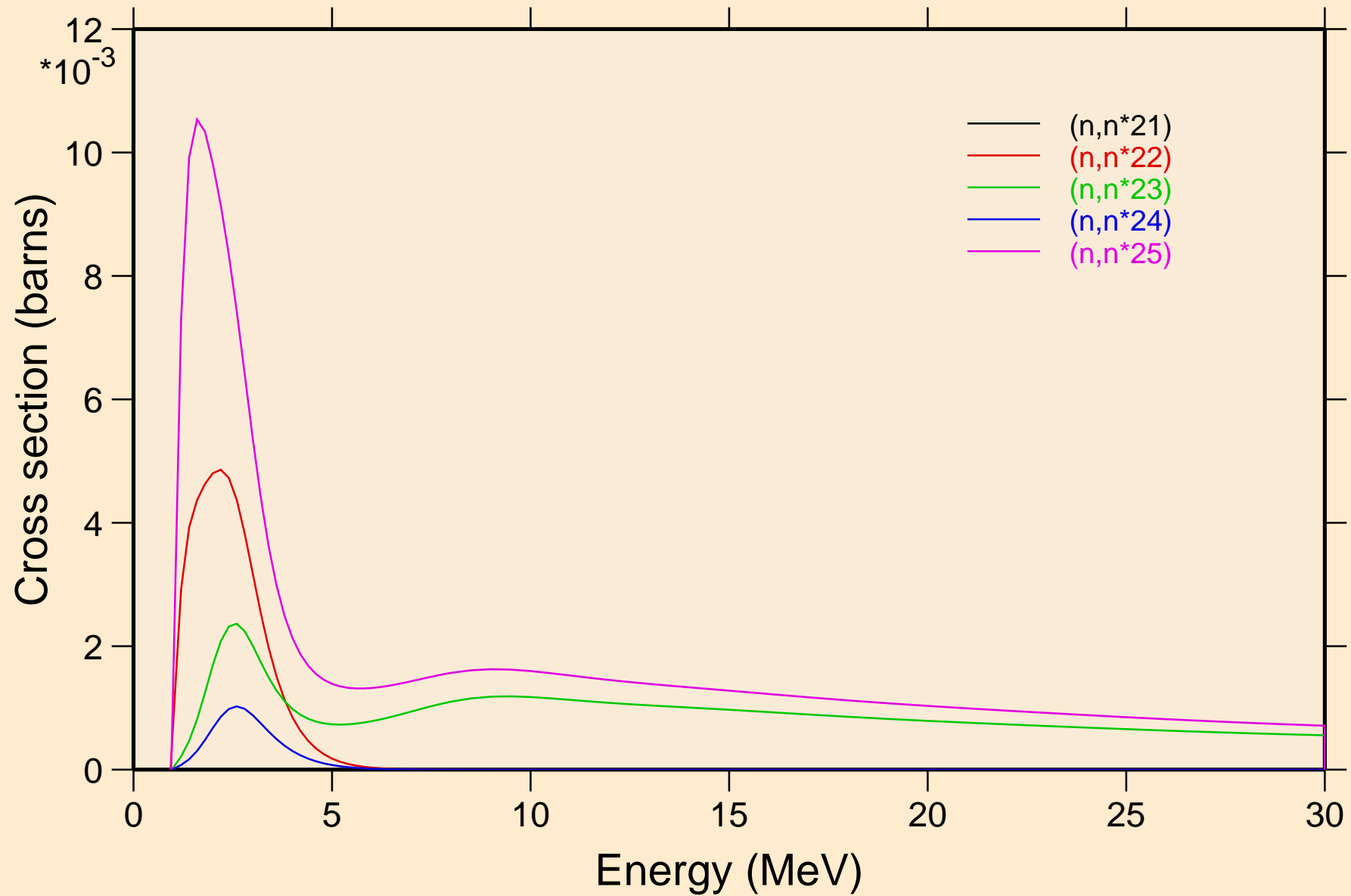
# BI214 NRG TENDL-2015, AKONING

## Inelastic levels



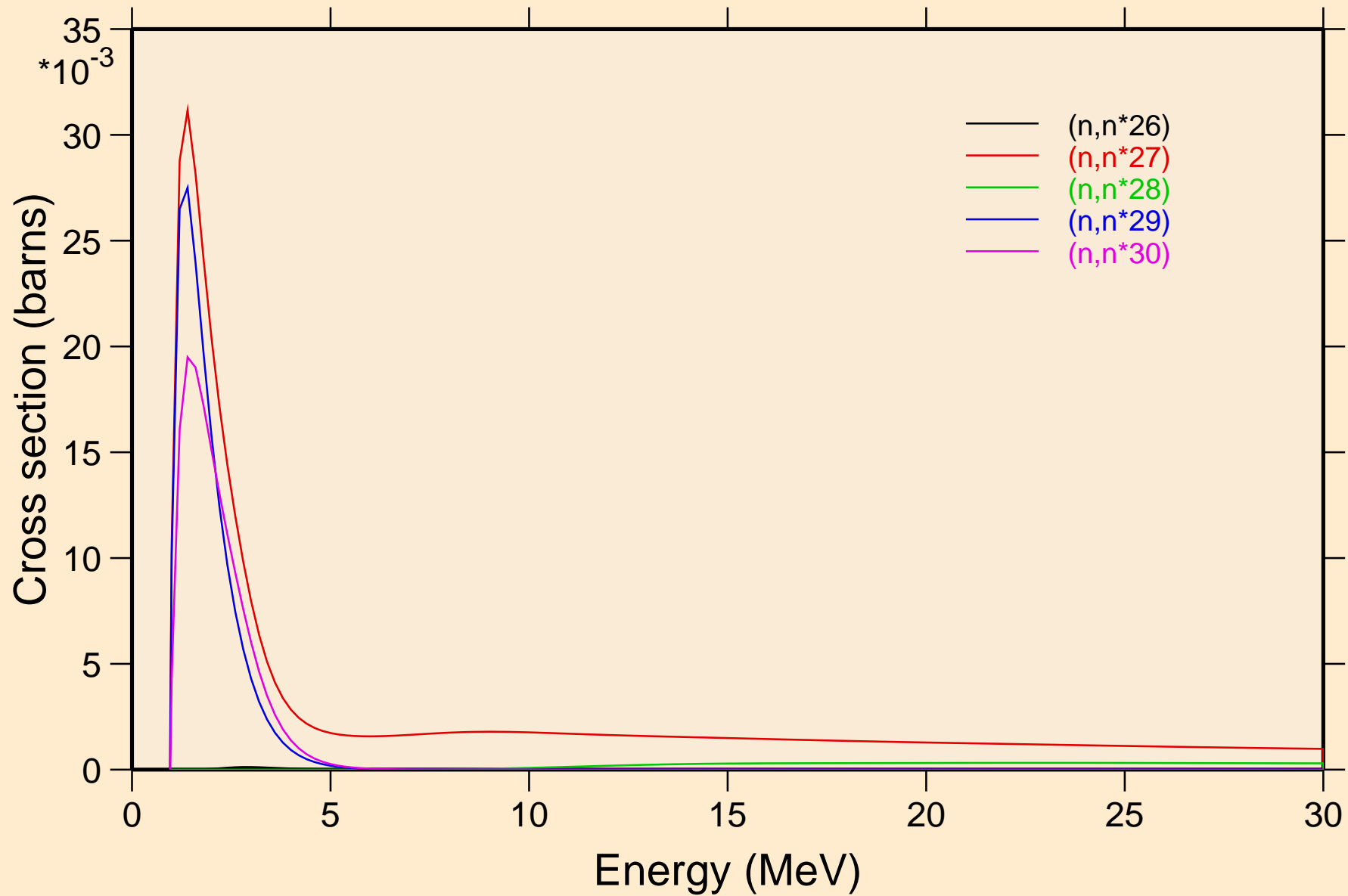
# BI214 NRG TENDL-2015, AKONING

## Inelastic levels



# BI214 NRG TENDL-2015, AKONING

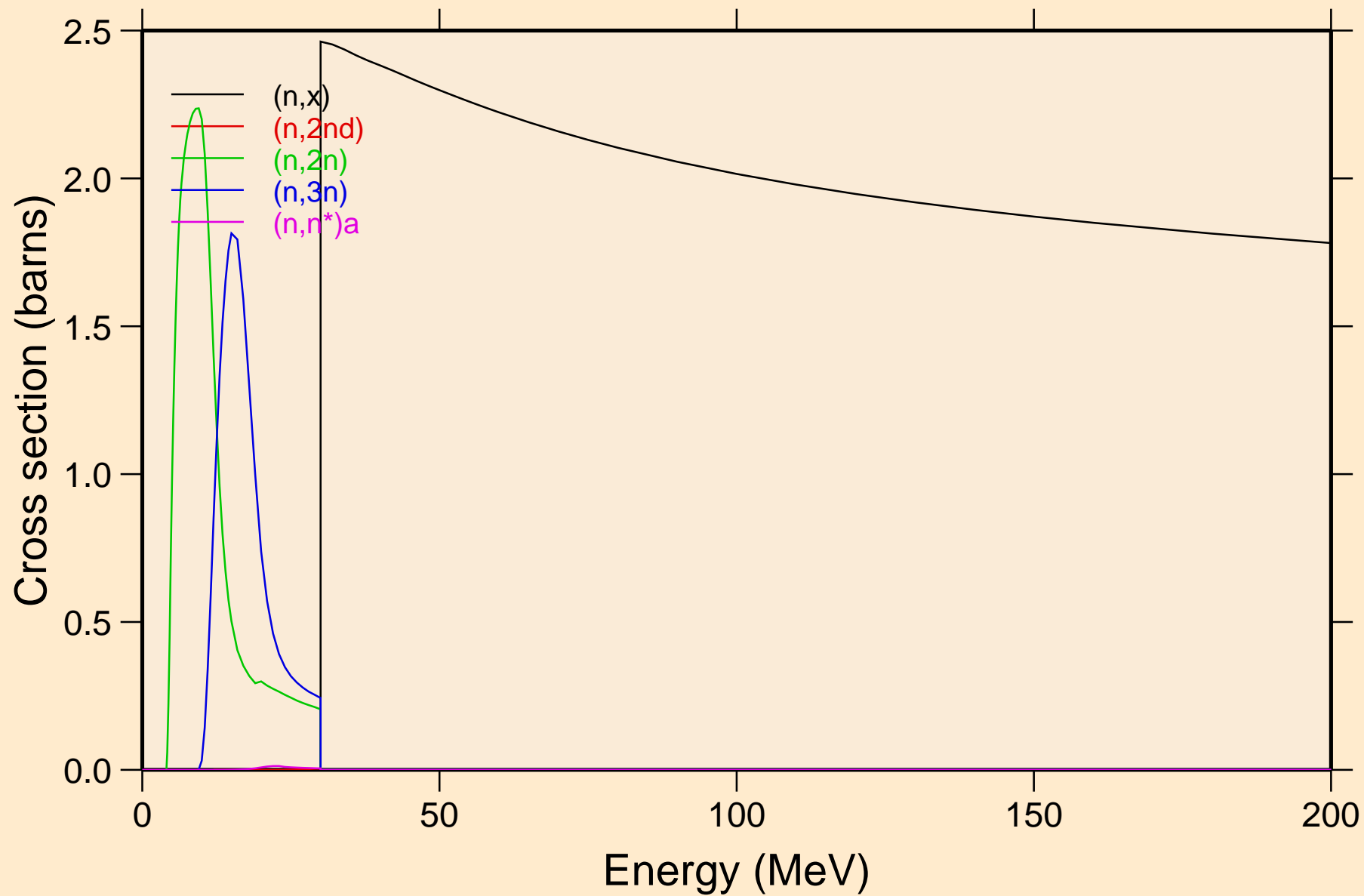
## Inelastic levels





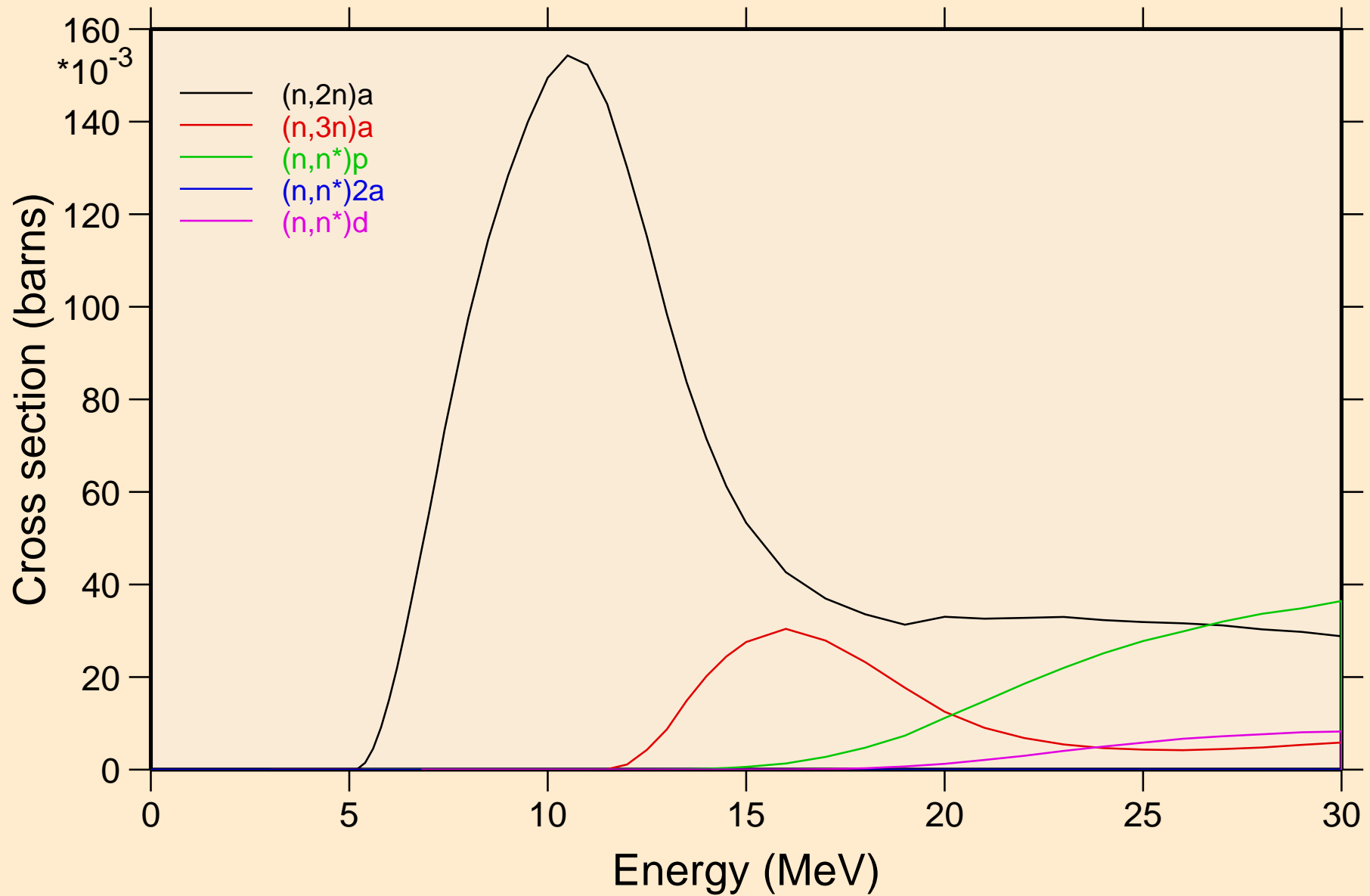
# BI214 NRG TENDL-2015, AKONING

## Threshold reactions



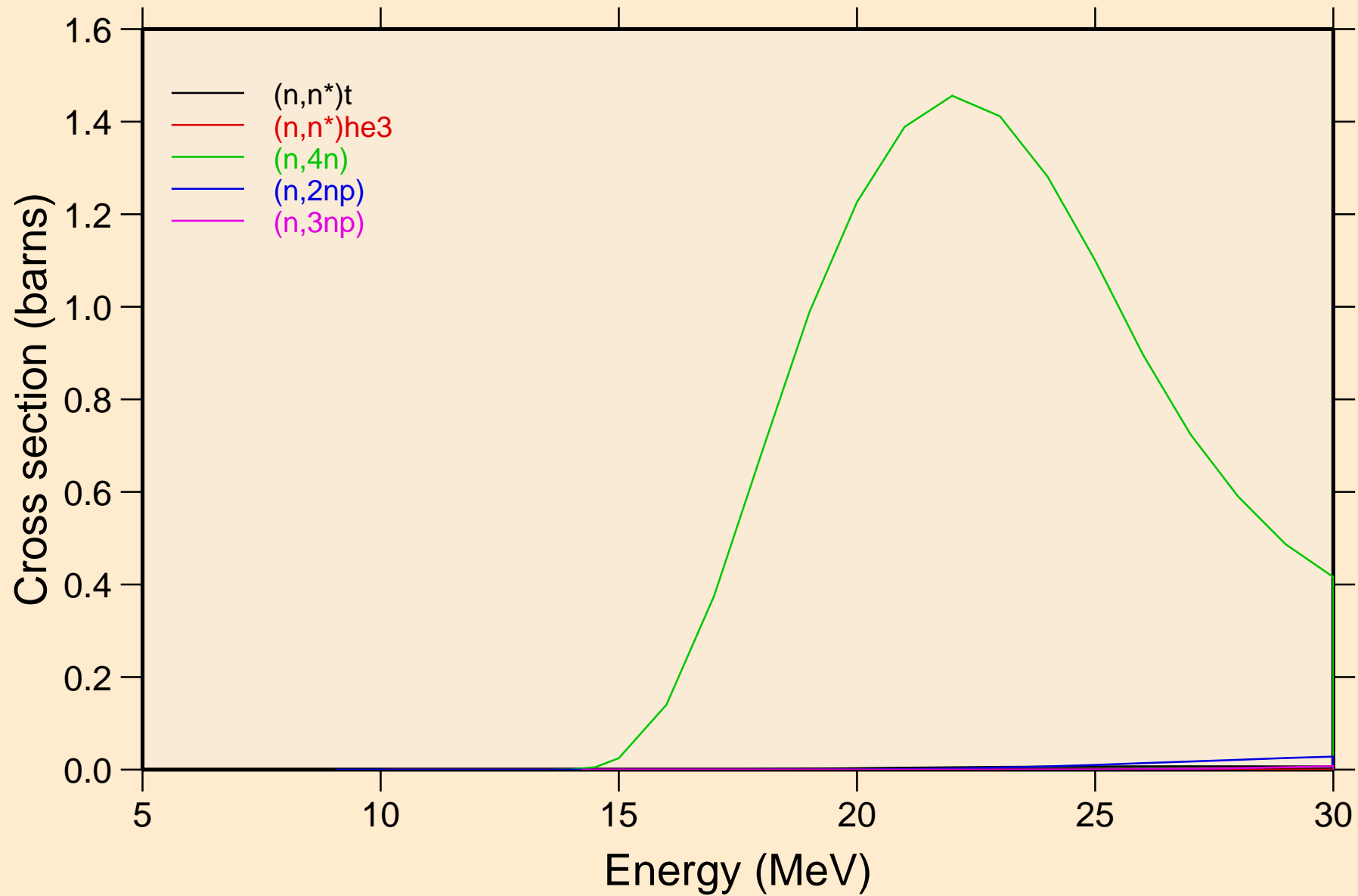
# BI214 NRG TENDL-2015, AKONING

## Threshold reactions



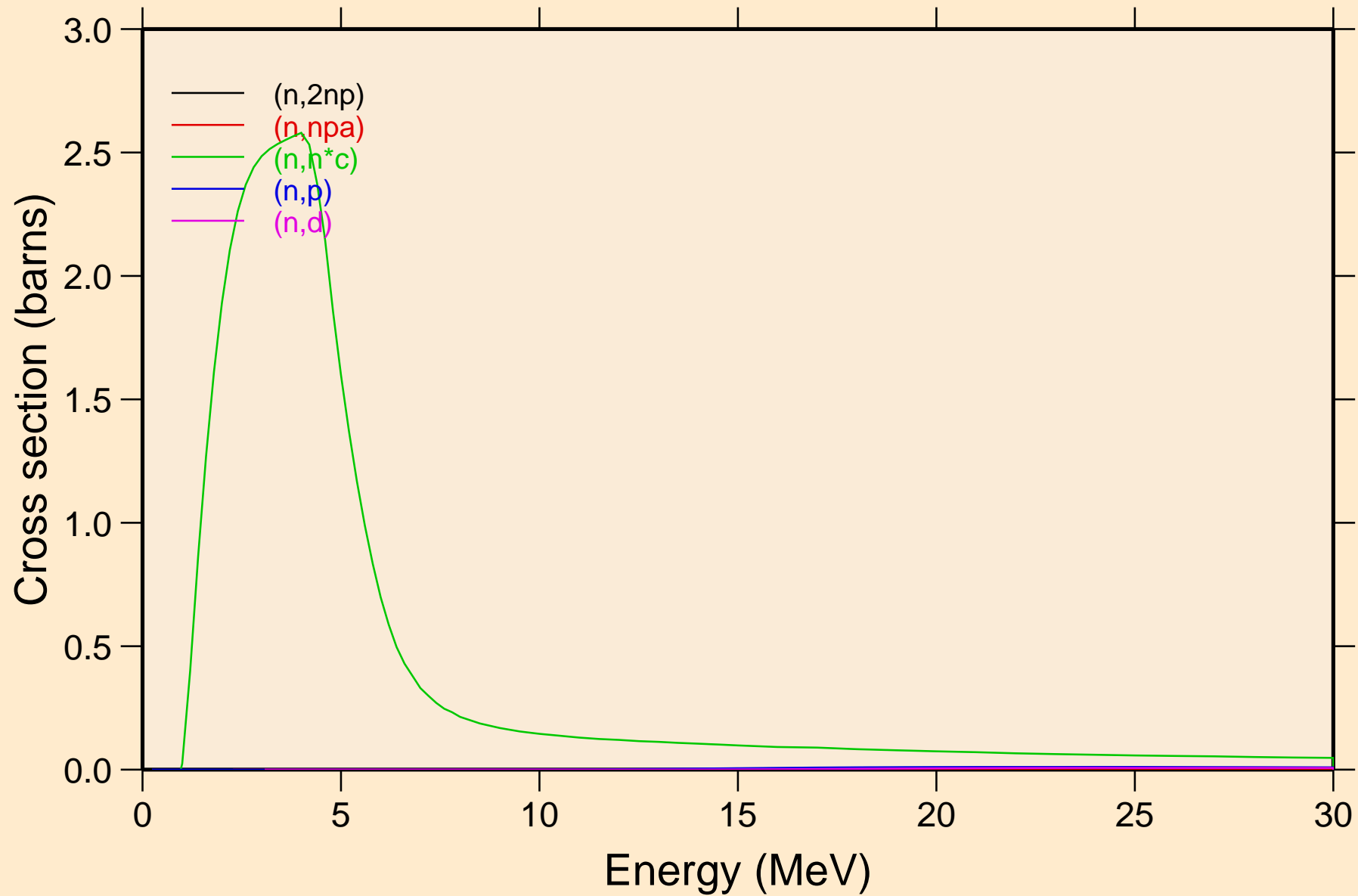
# BI214 NRG TENDL-2015, AKONING

## Threshold reactions



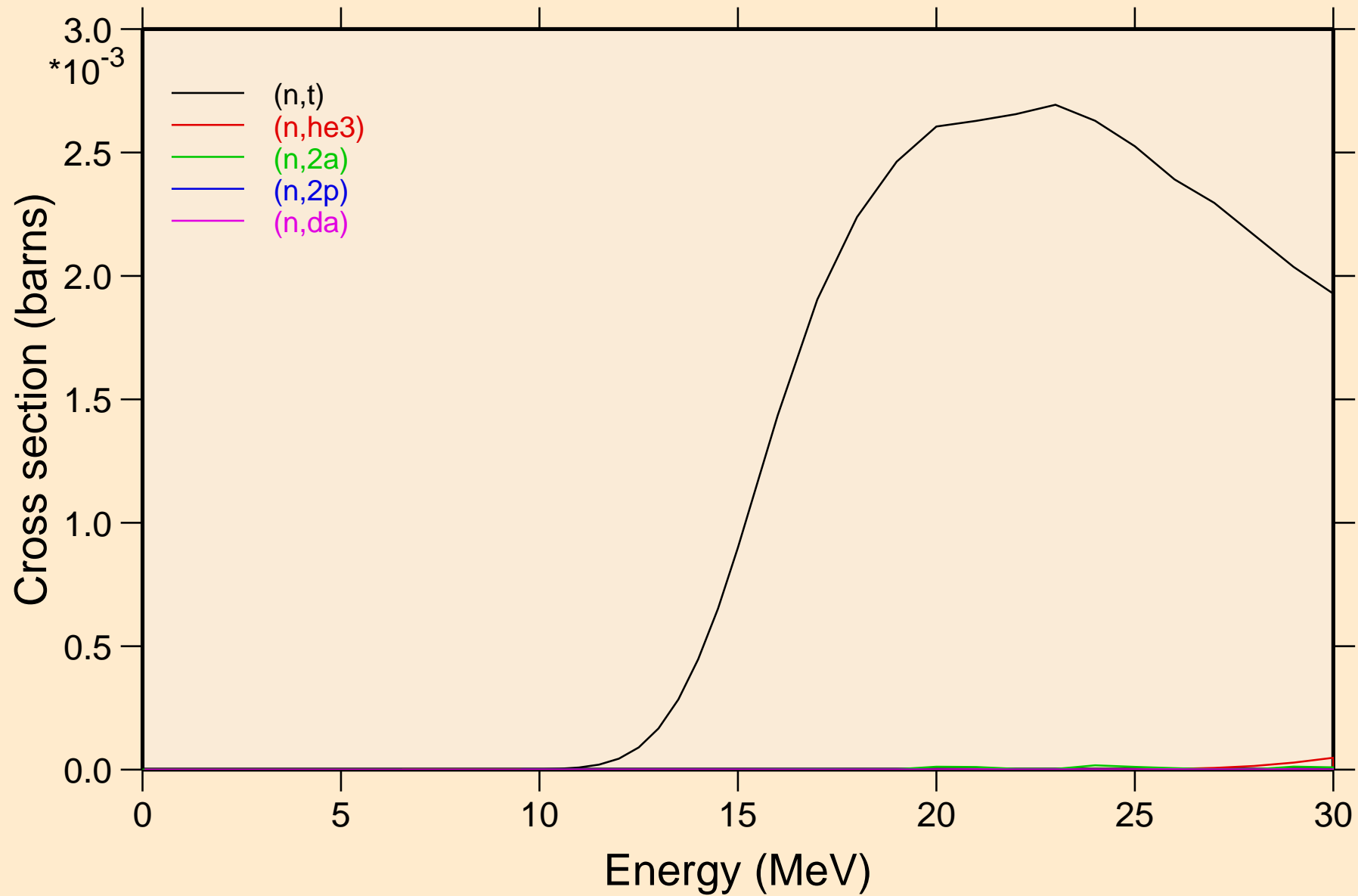
# BI214 NRG TENDL-2015, AKONING

## Threshold reactions

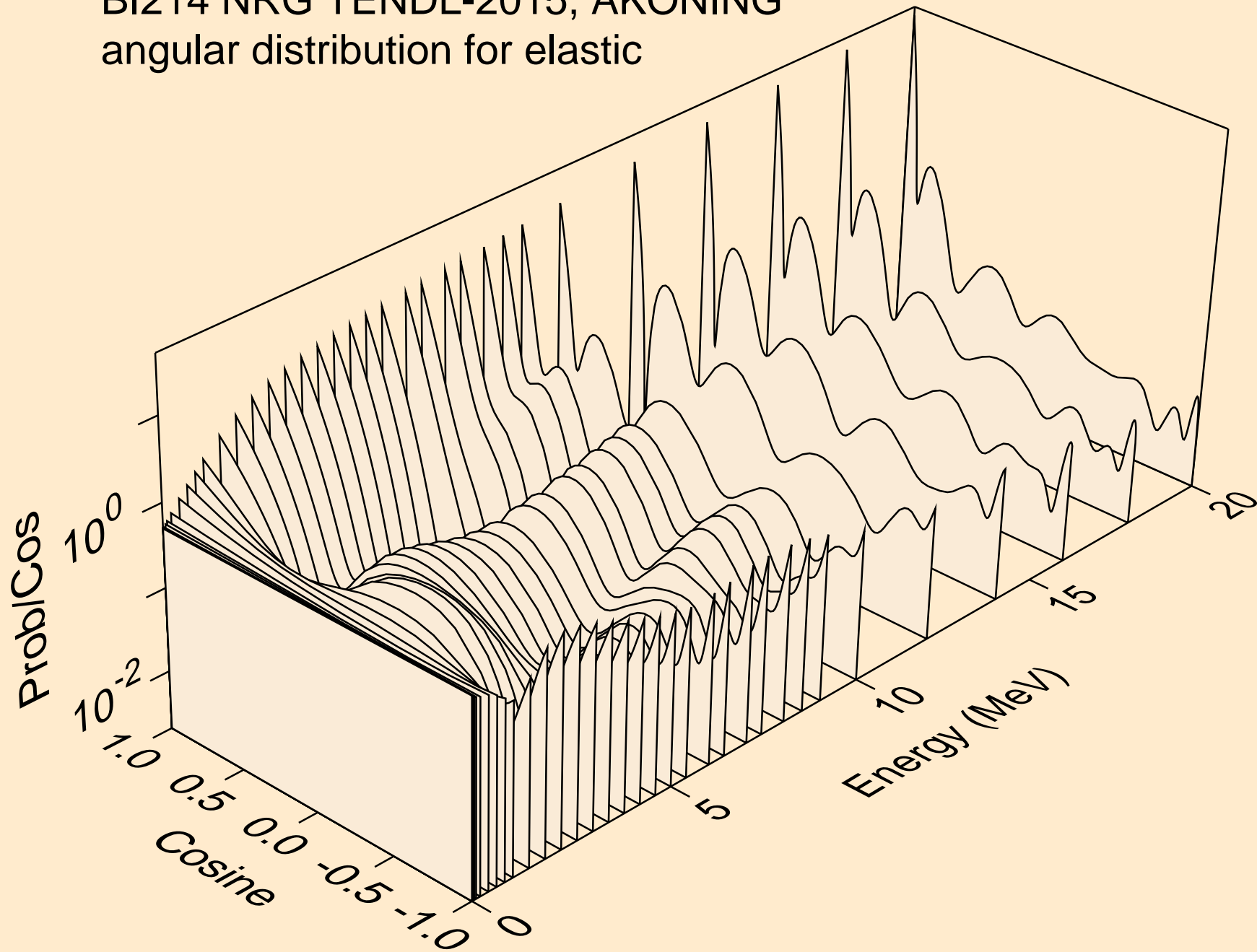


# BI214 NRG TENDL-2015, AKONING

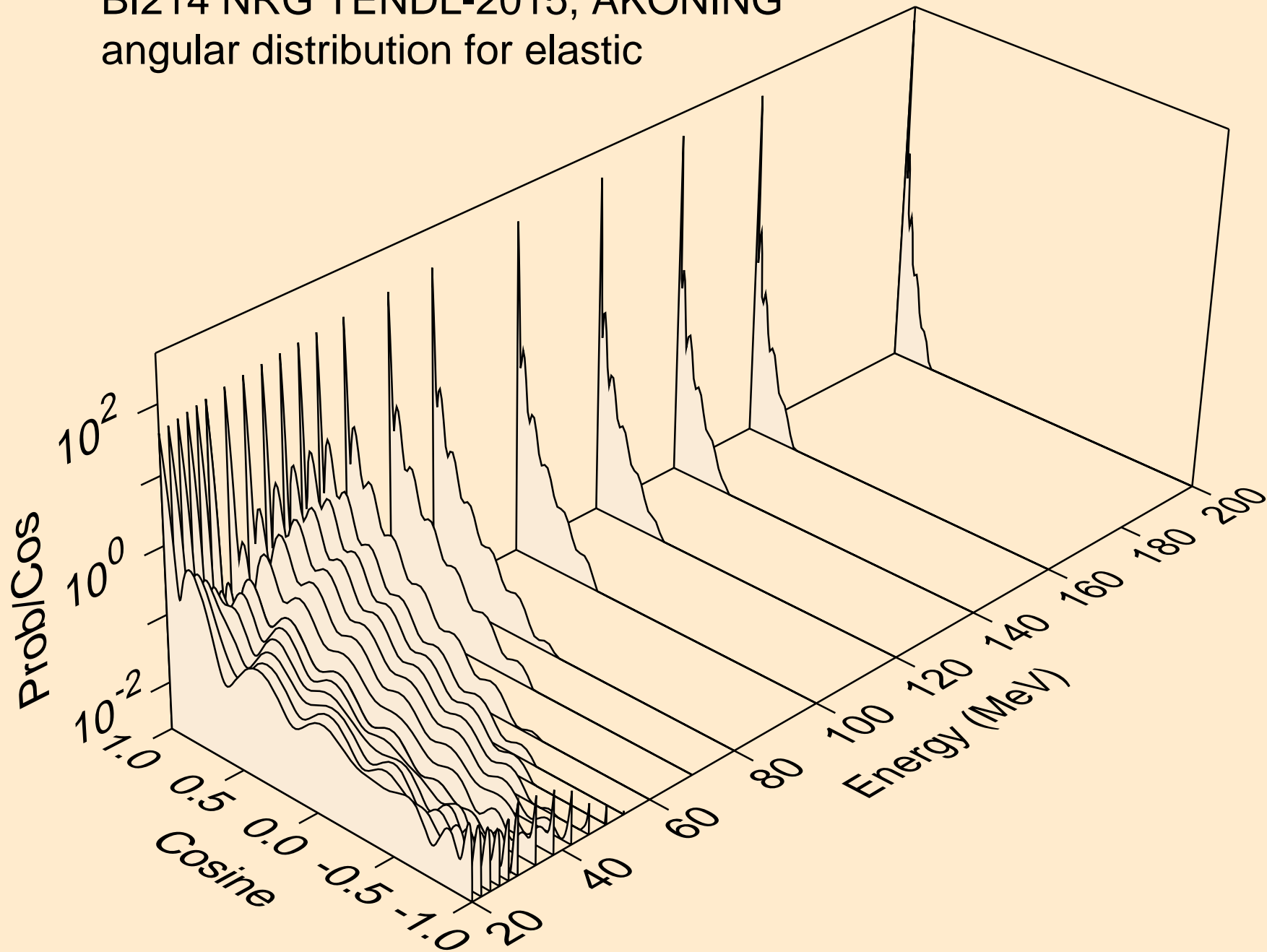
## Threshold reactions



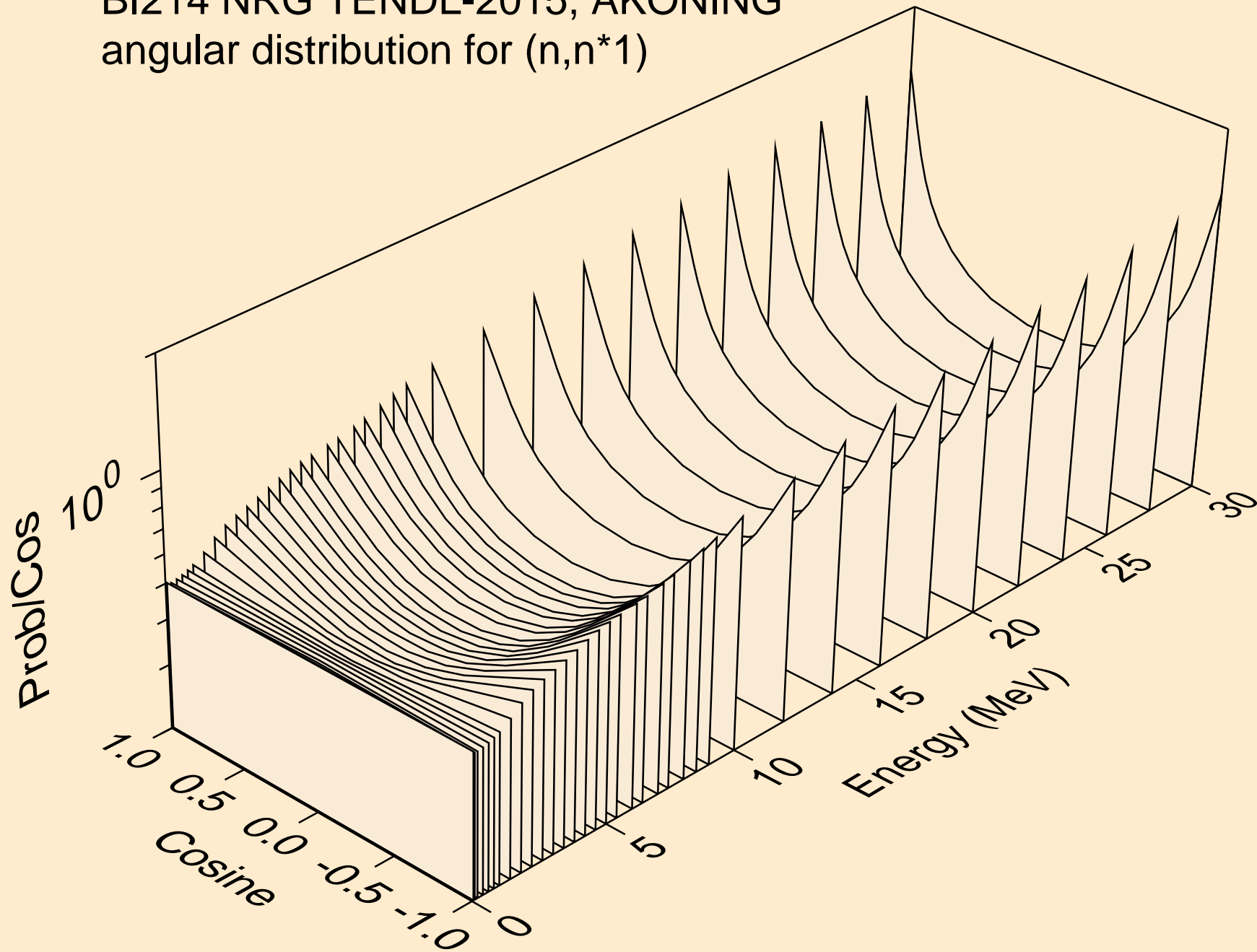
BI214 NRG TENDL-2015, AKONING  
angular distribution for elastic



BI214 NRG TENDL-2015, AKONING  
angular distribution for elastic

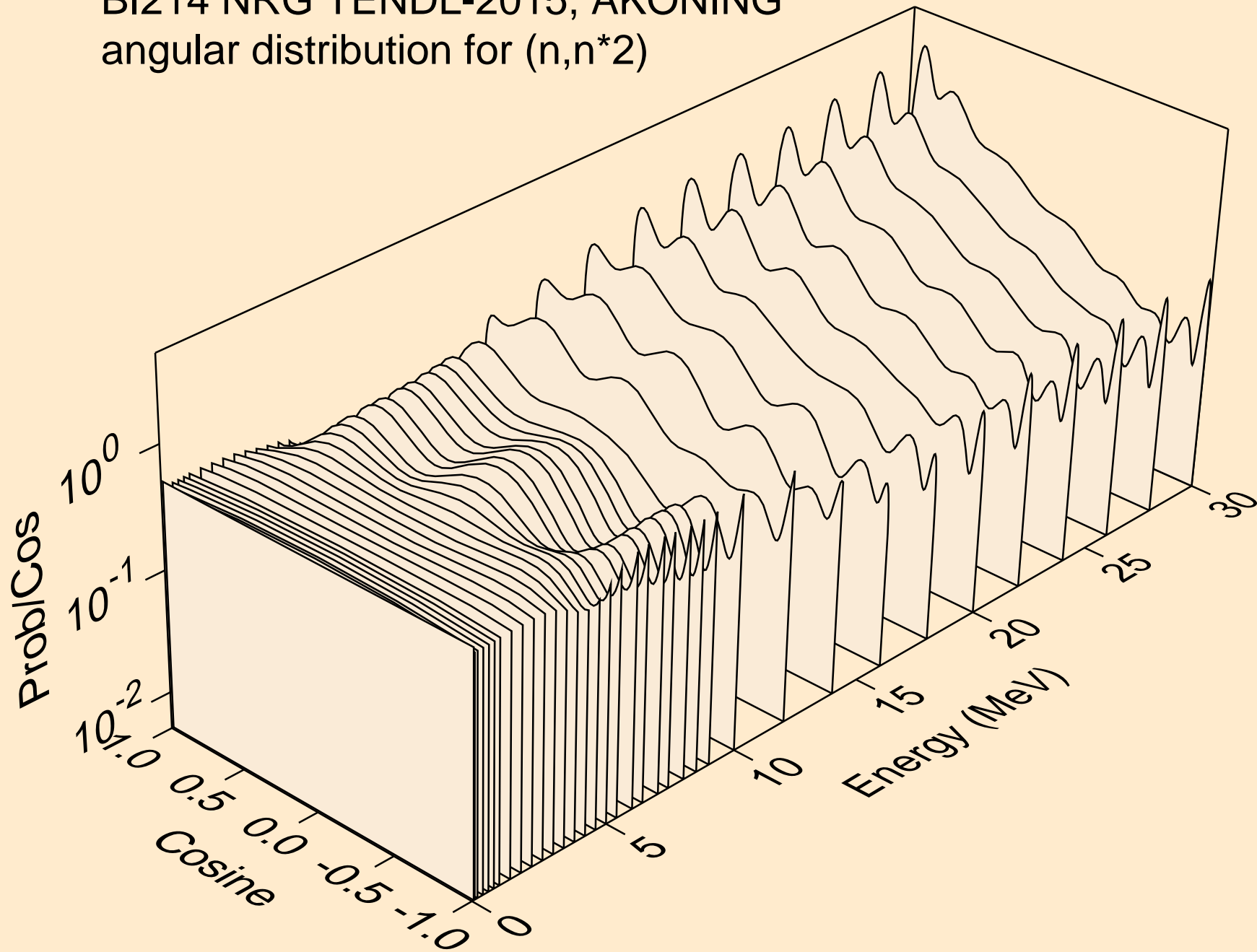


BI214 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)

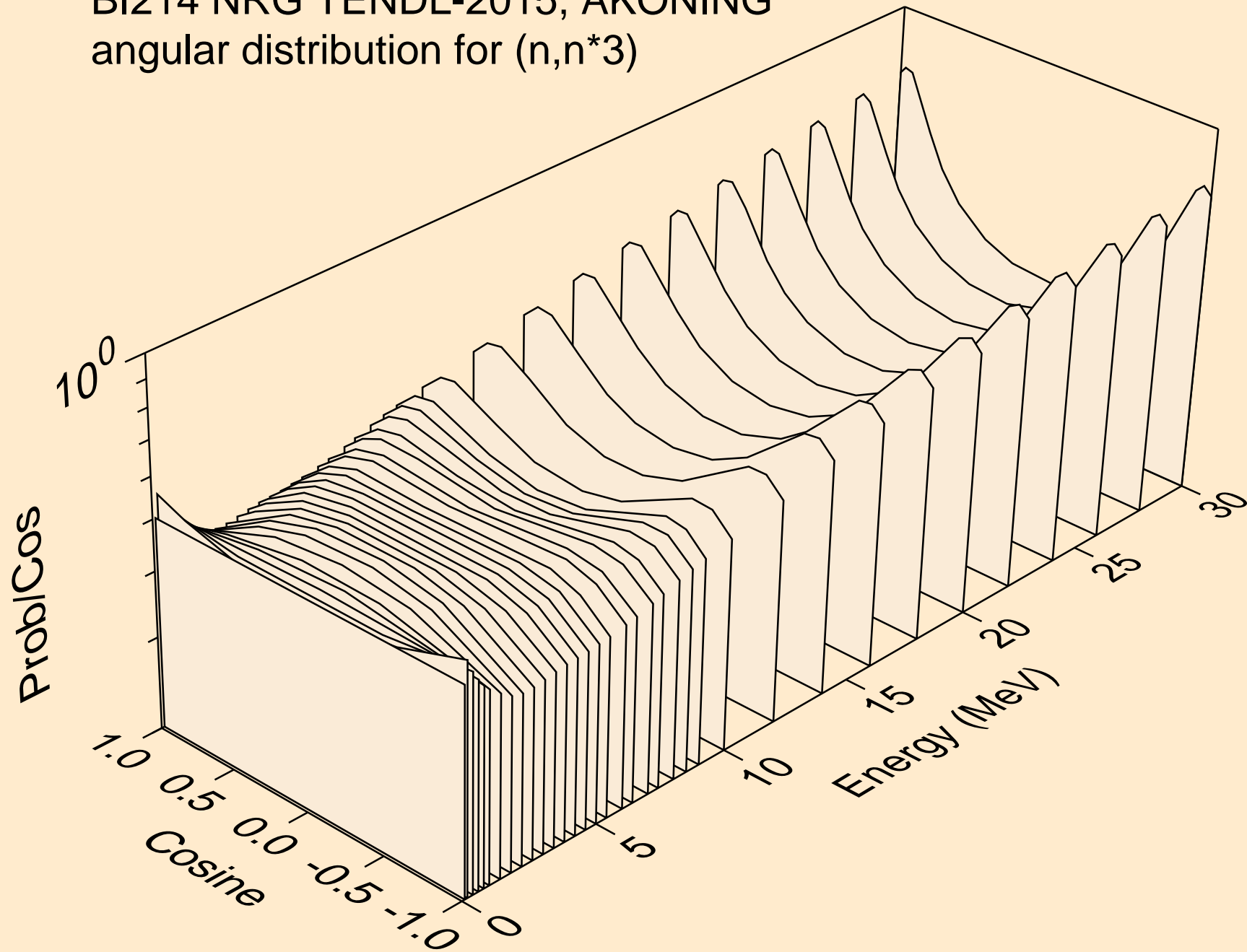




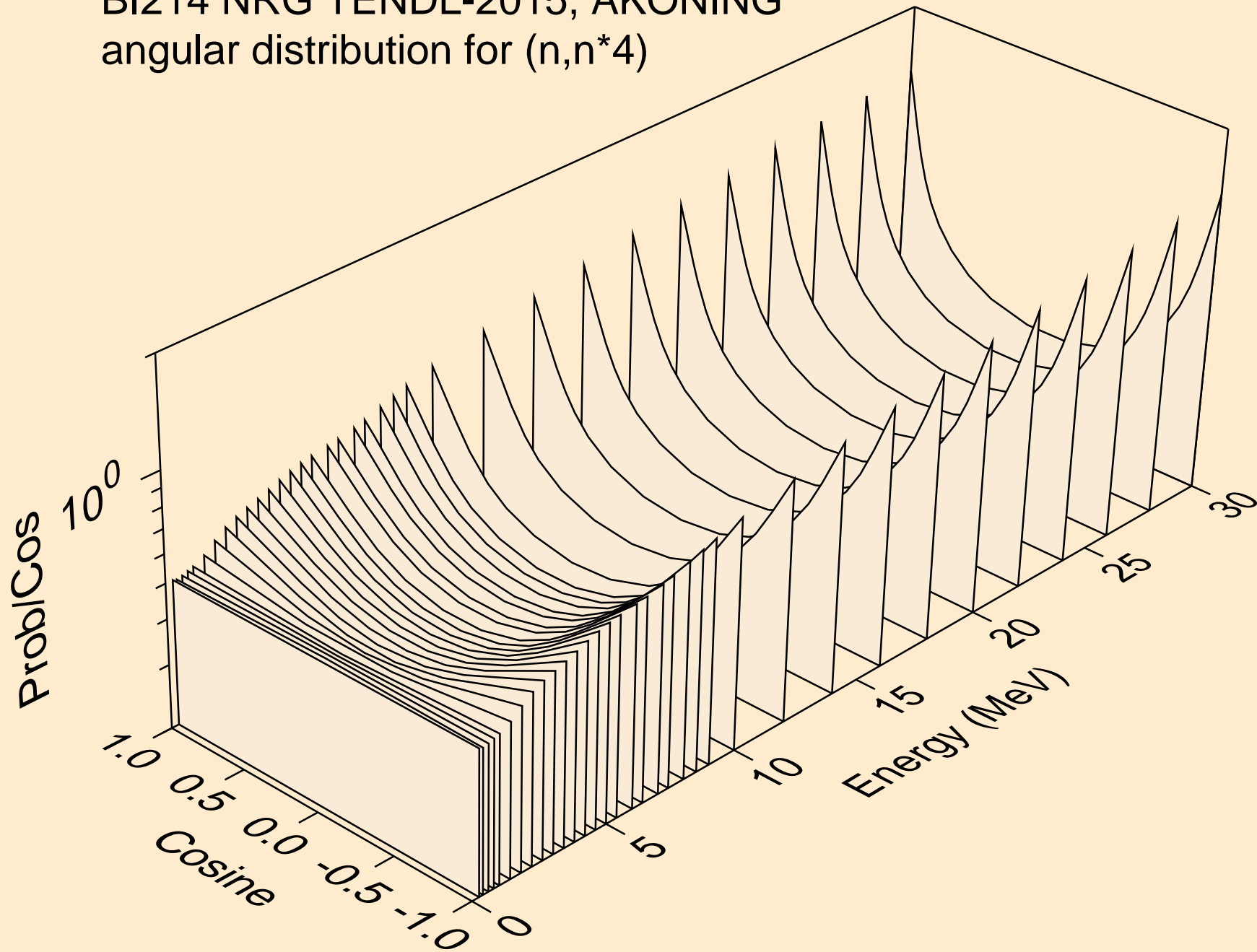
BI214 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



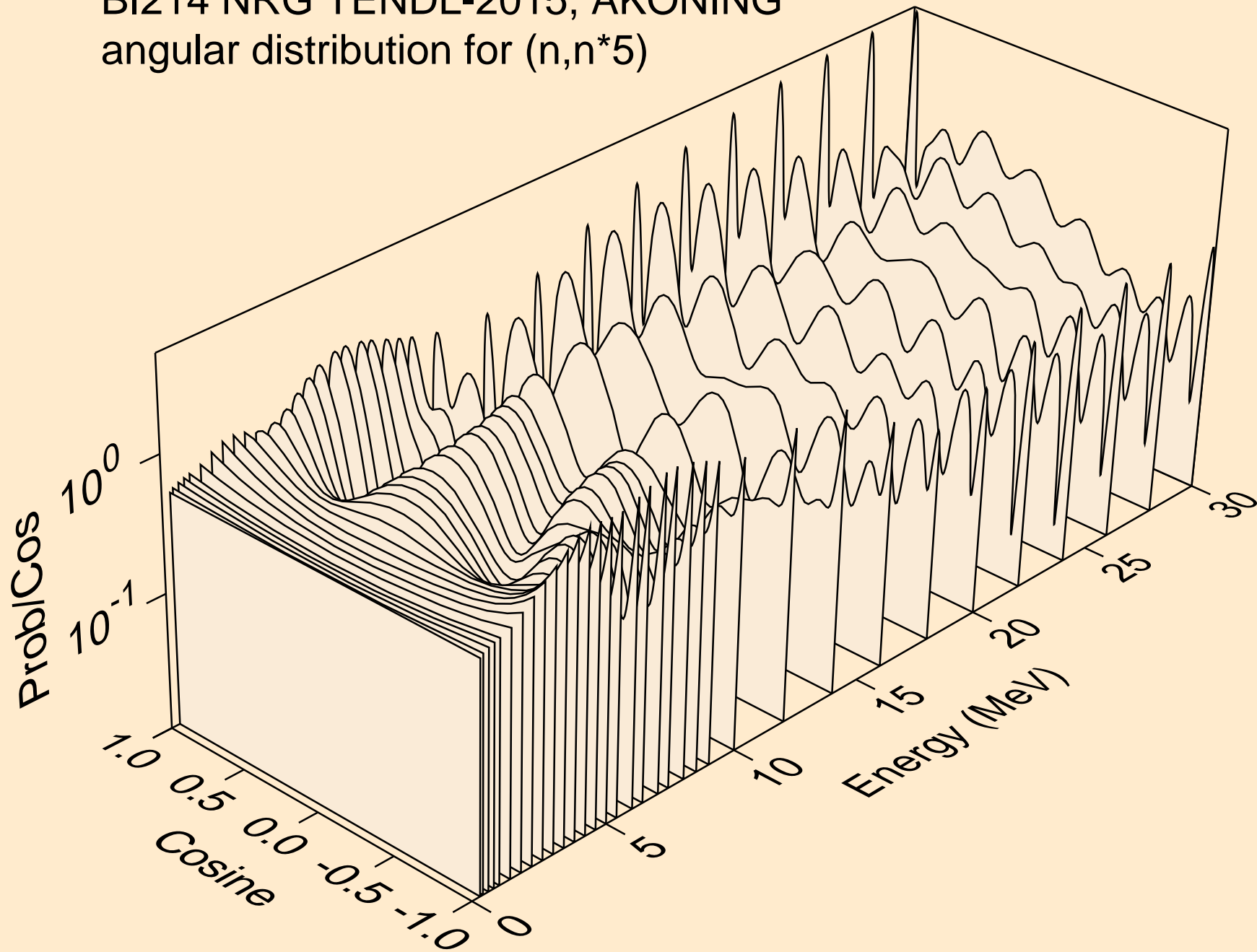
BI214 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



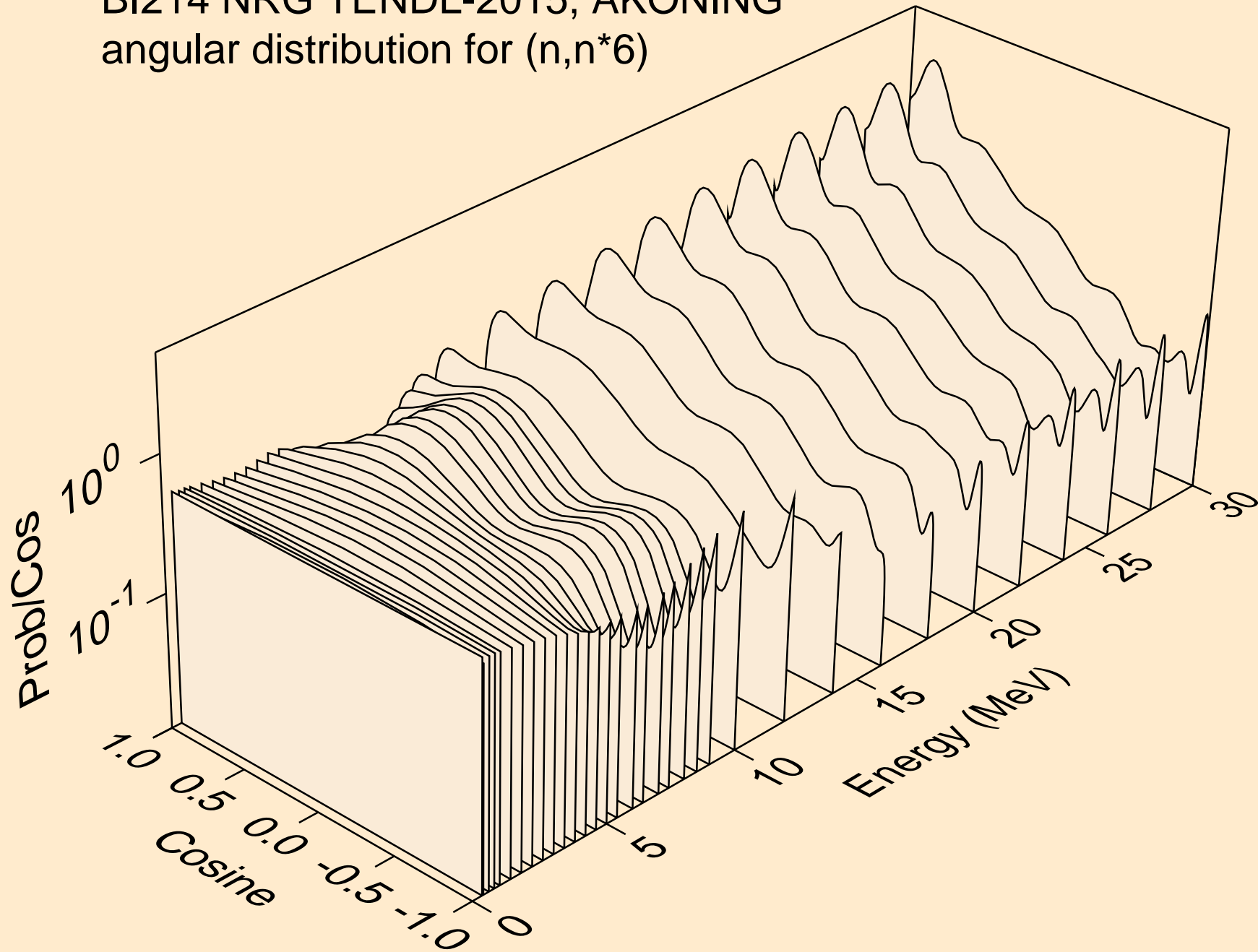
BI214 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



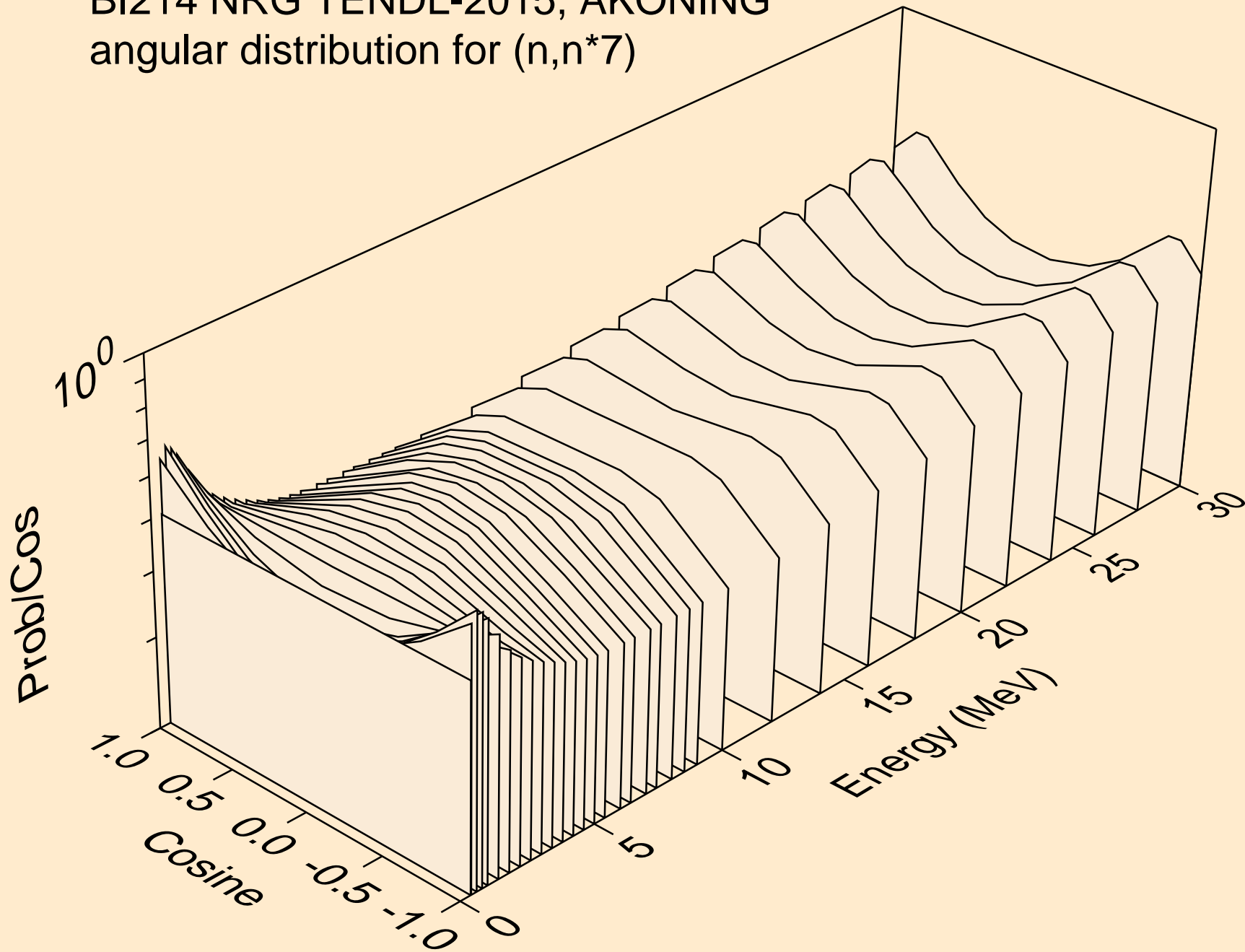
BI214 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



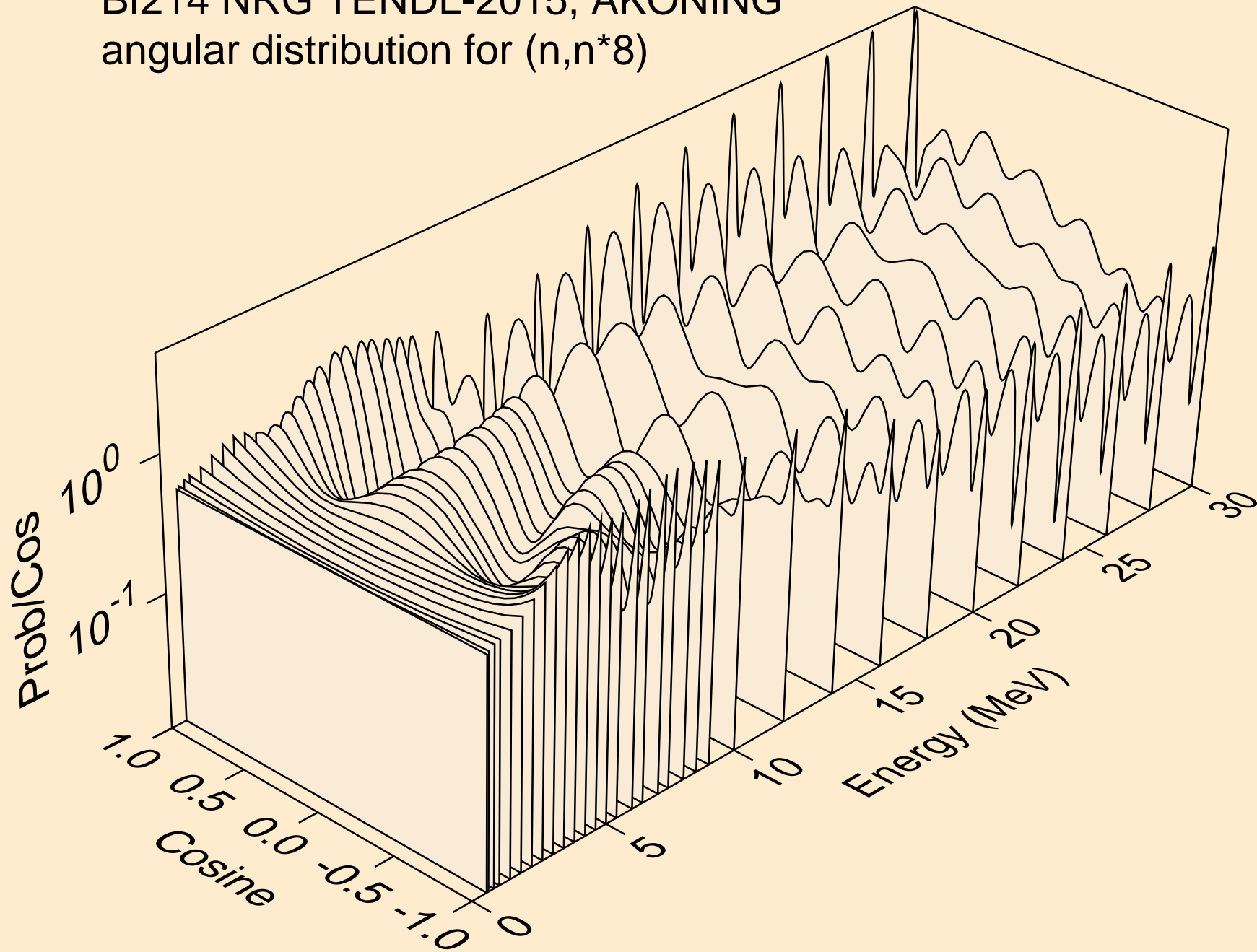
BI214 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



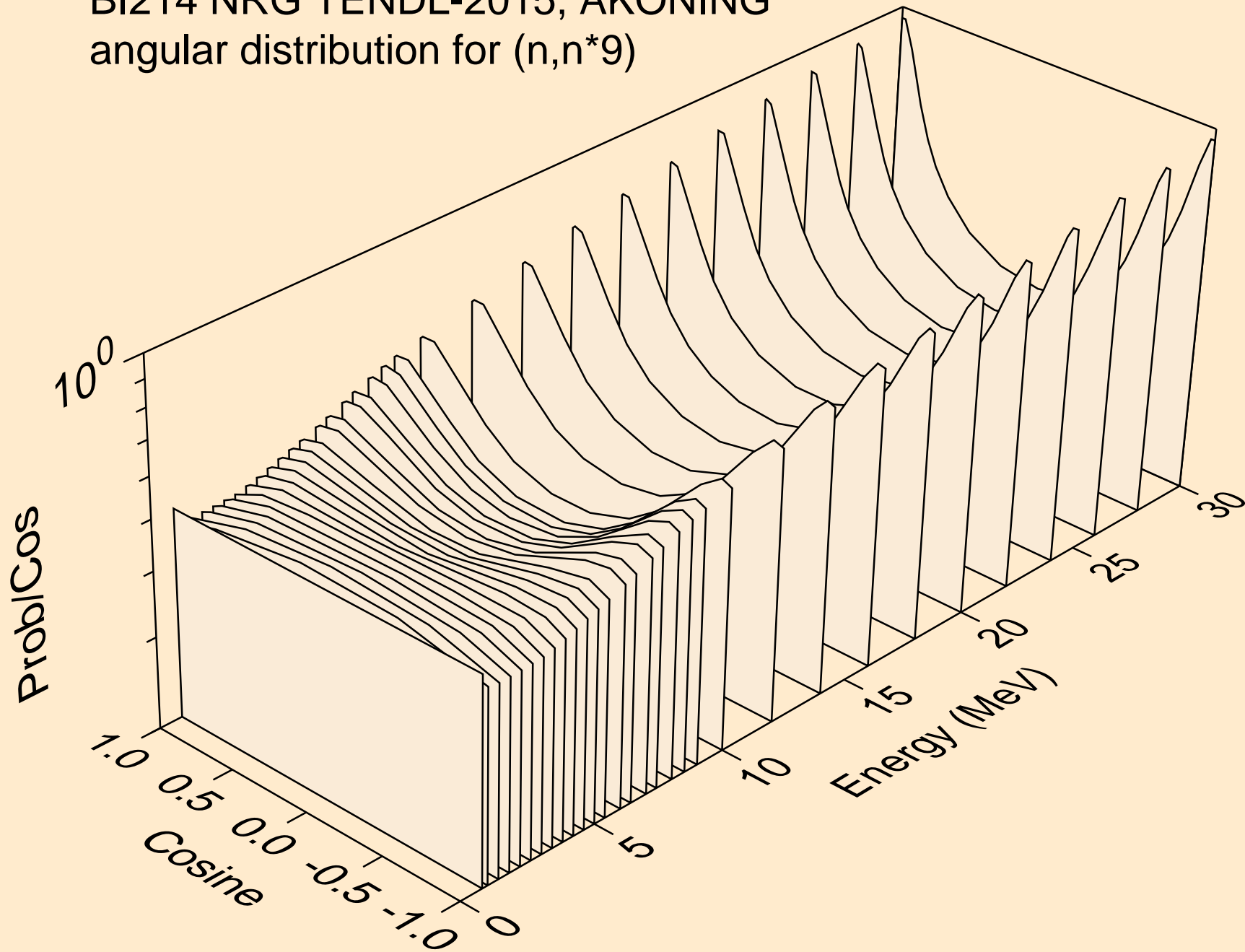
BI214 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



BI214 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)

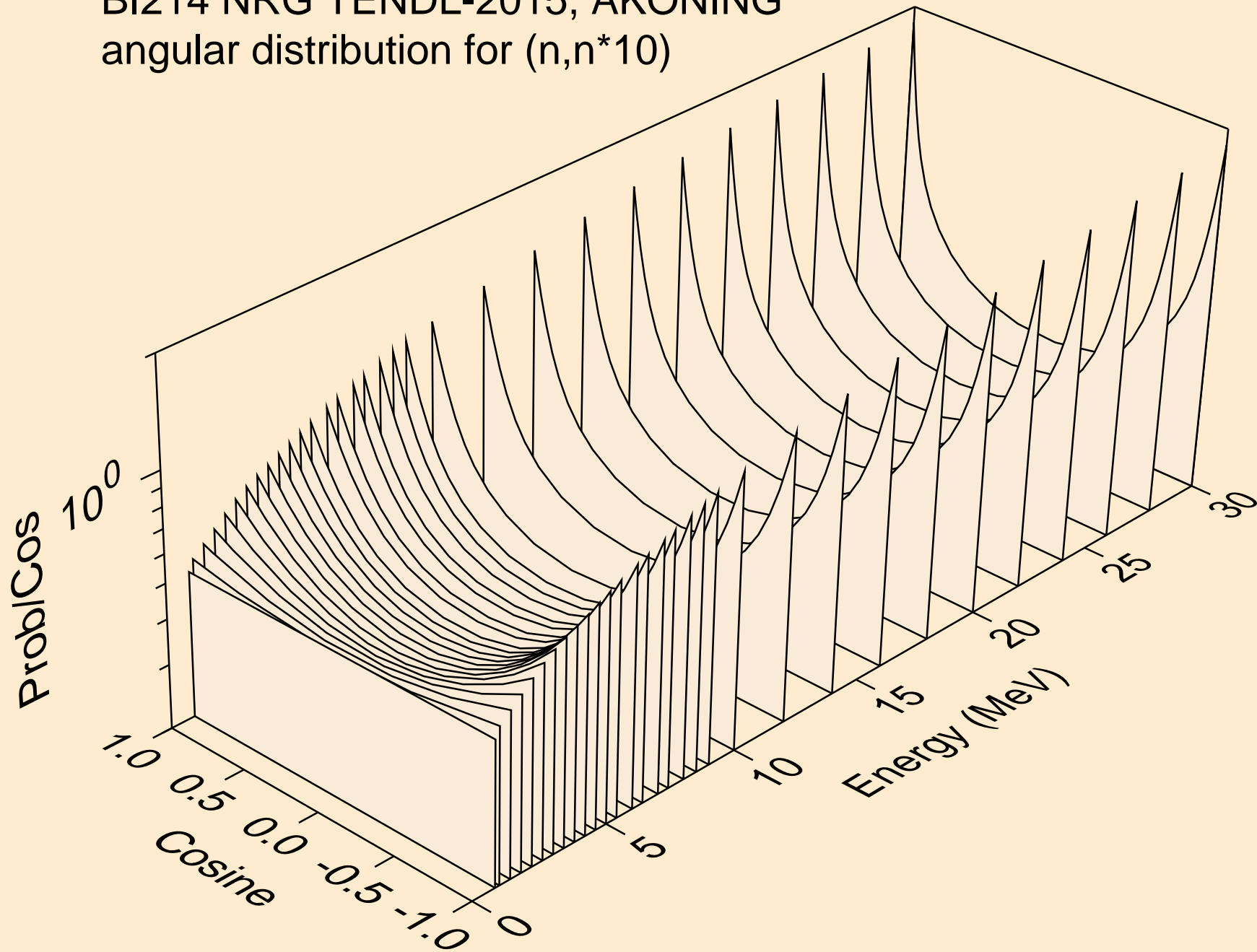


BI214 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)

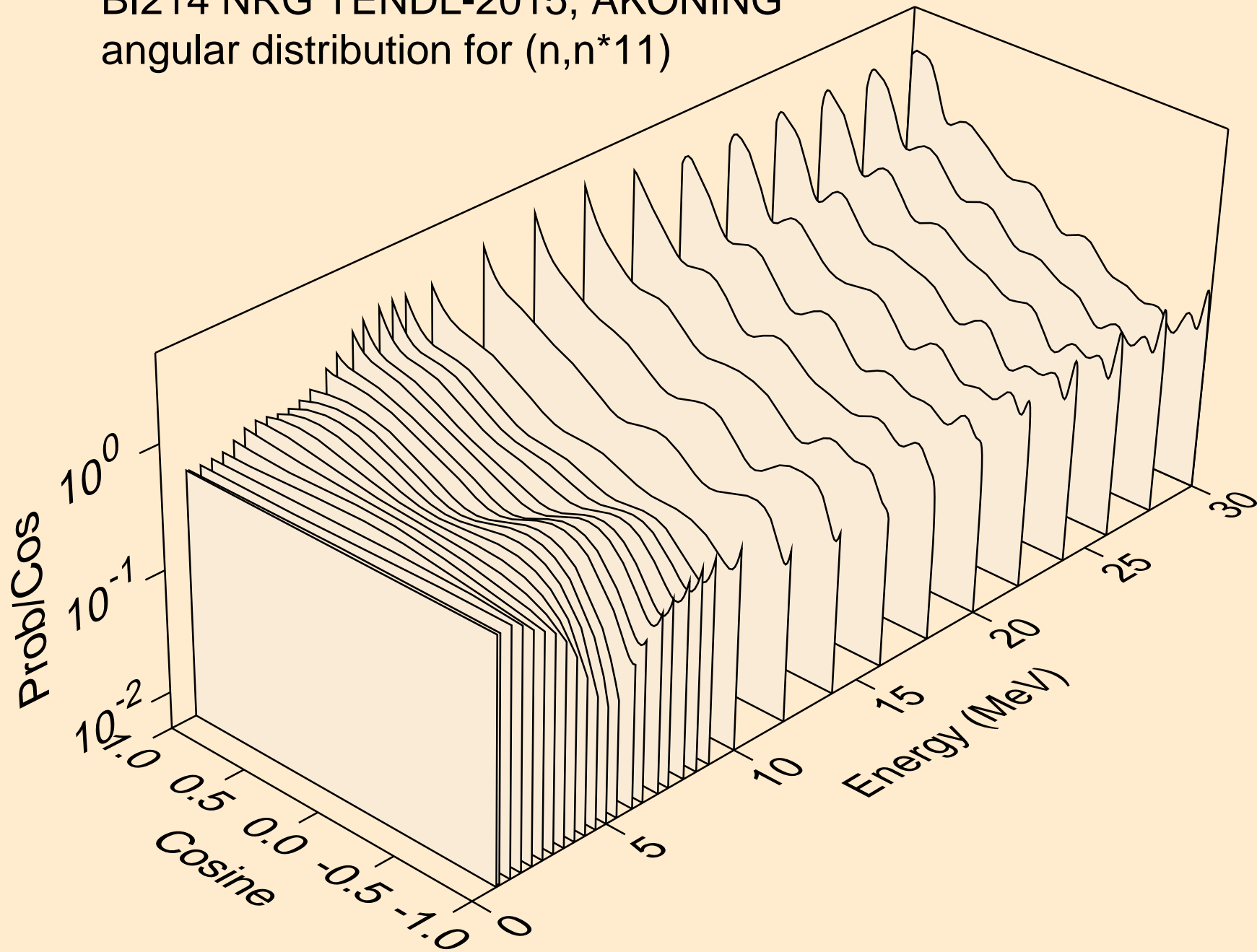




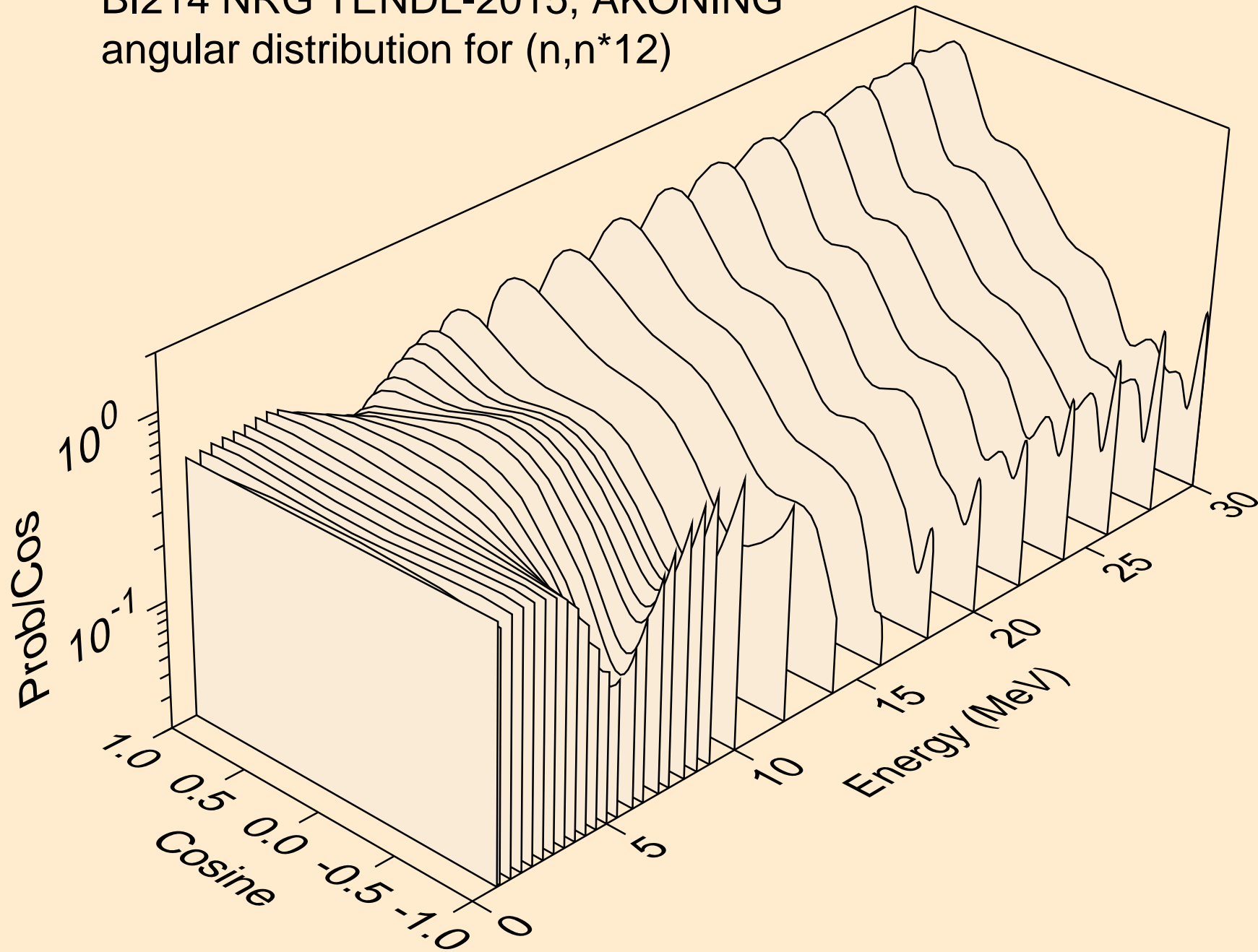
BI214 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



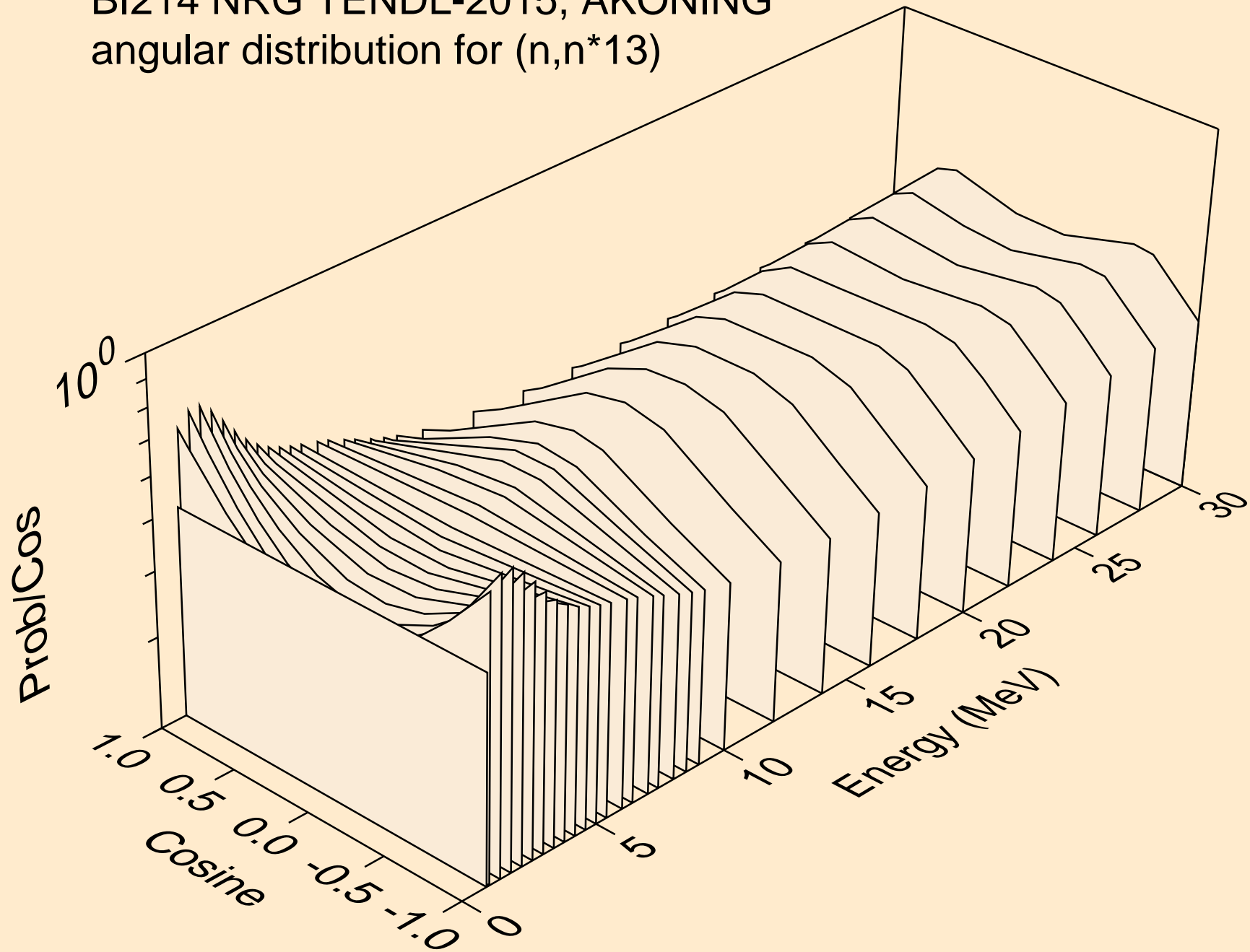
BI214 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



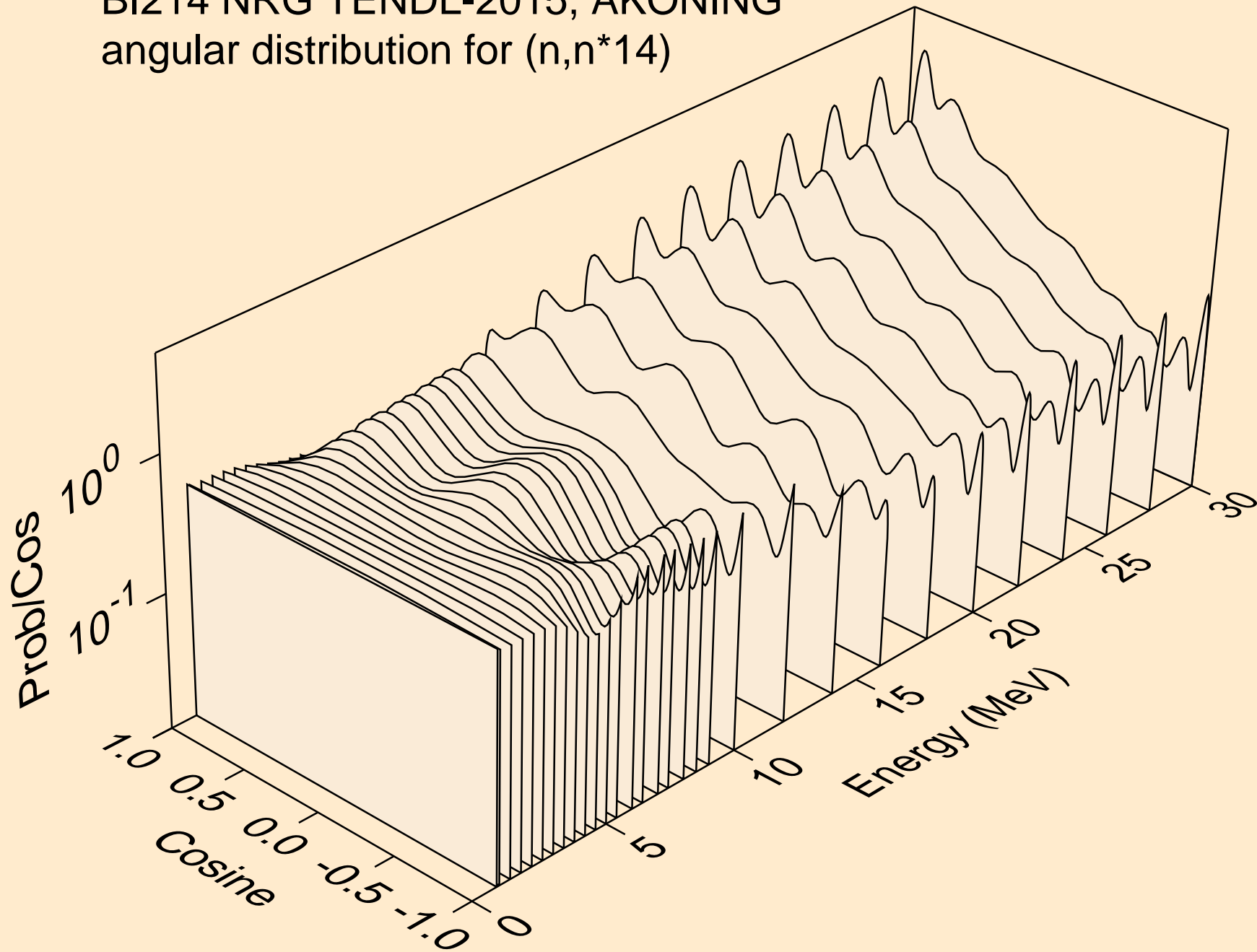
BI214 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



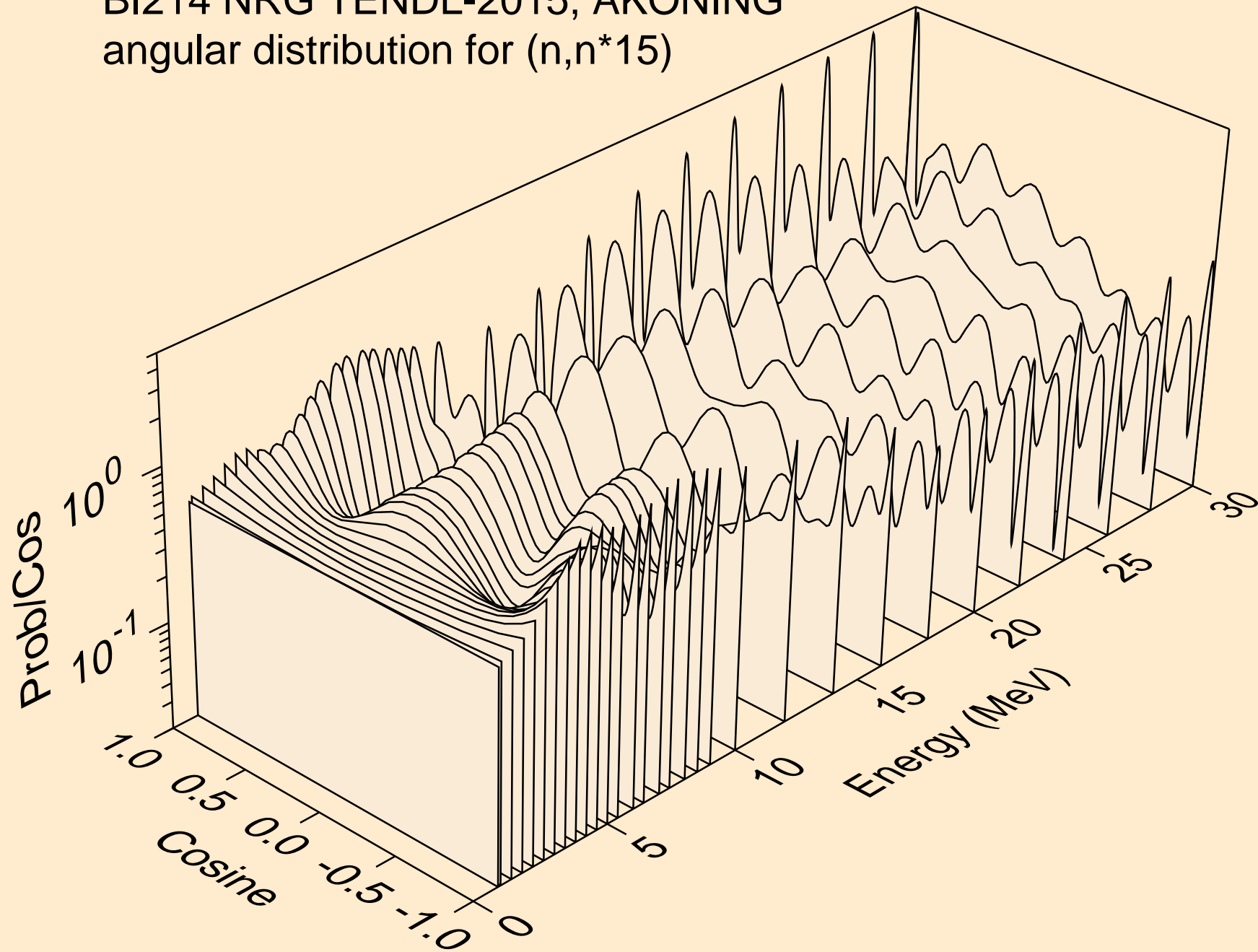
BI214 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



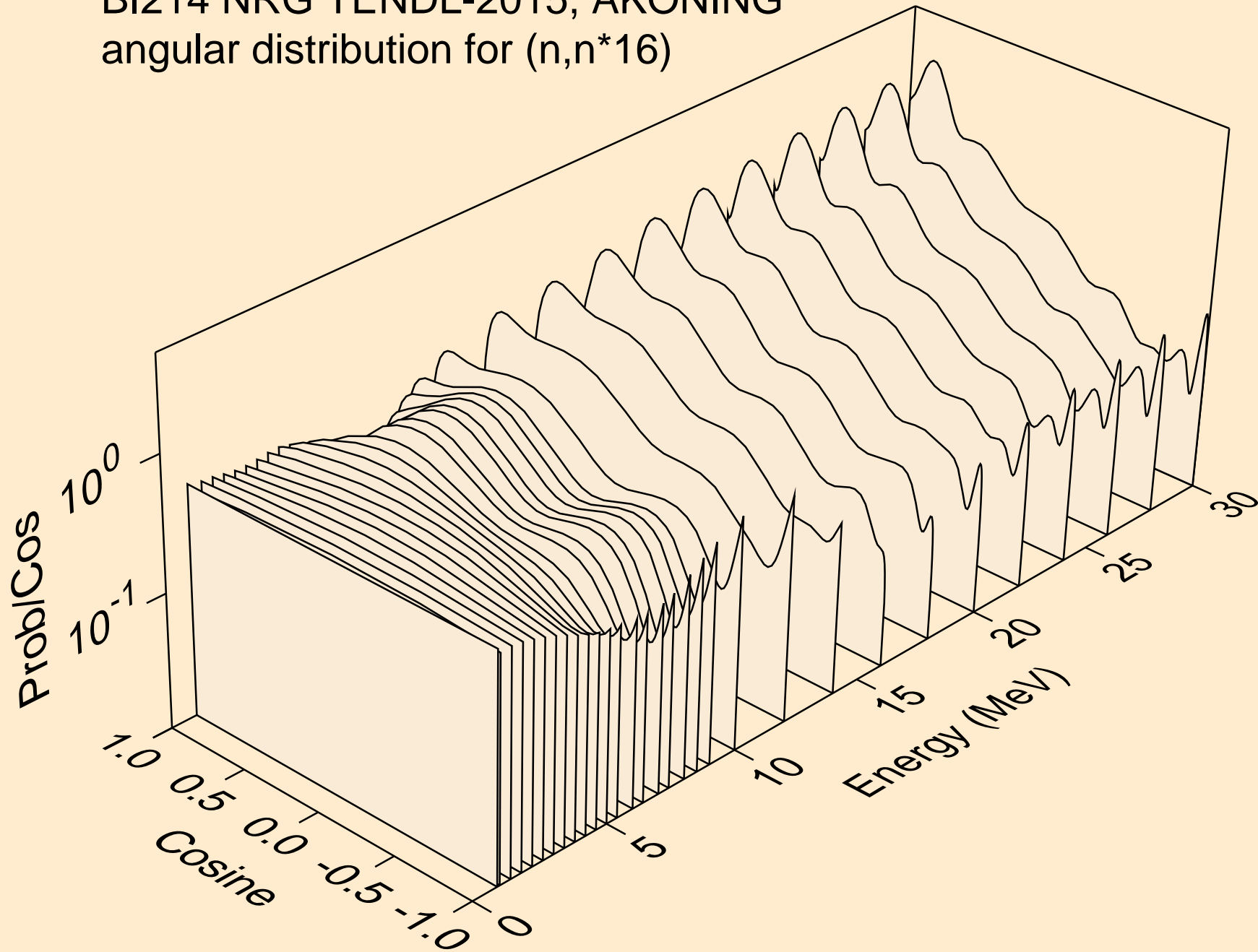
BI214 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



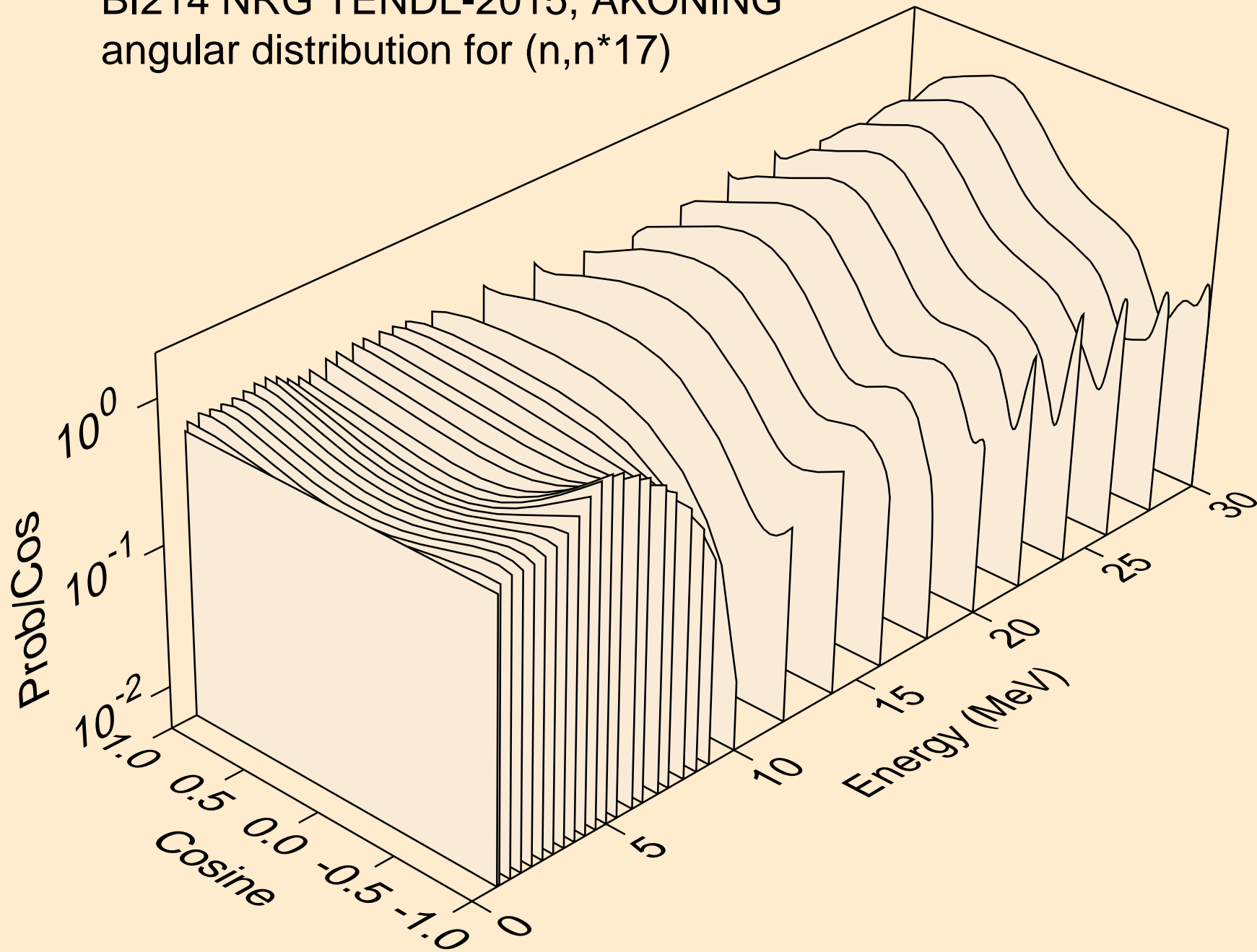
BI214 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



BI214 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)

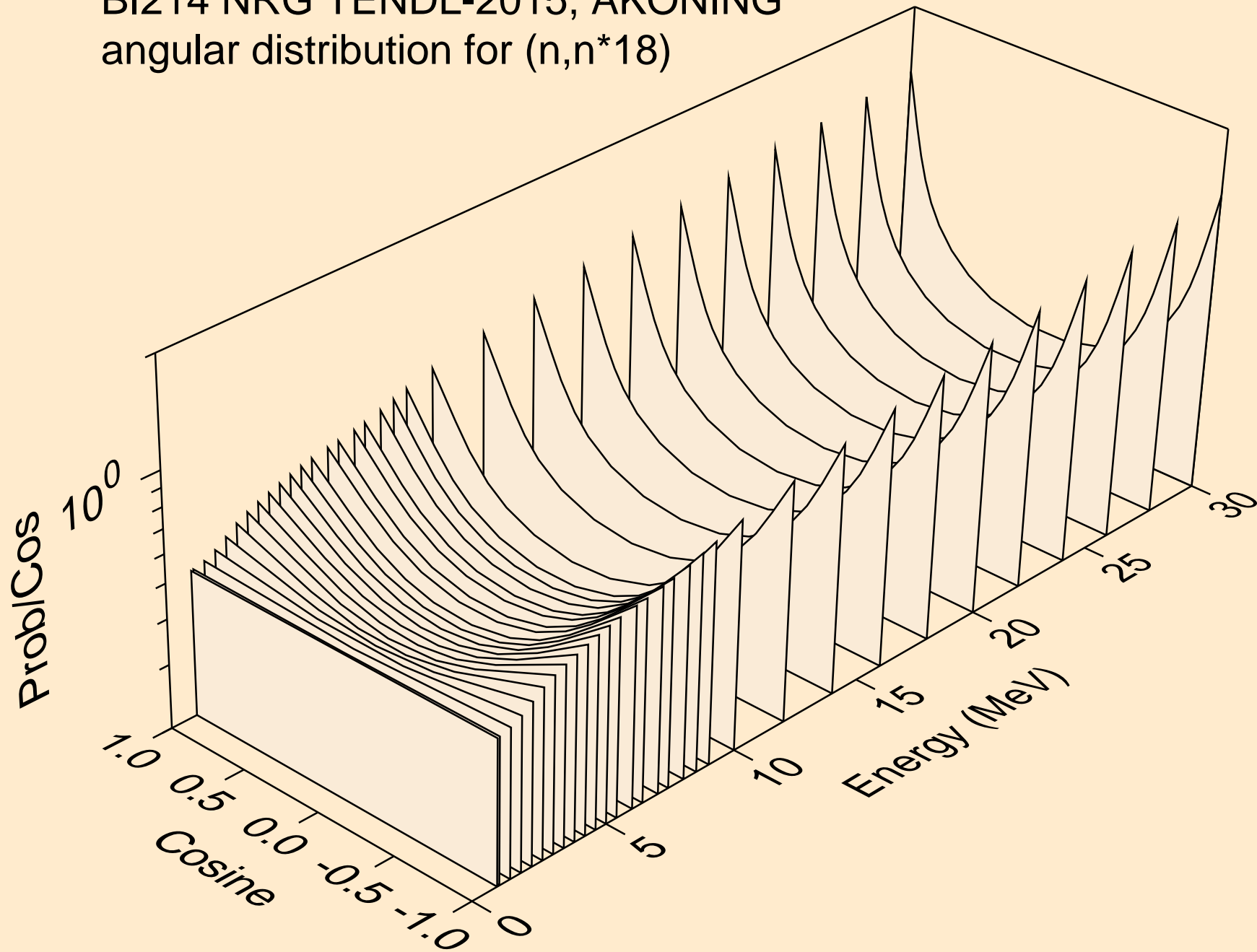


BI214 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)

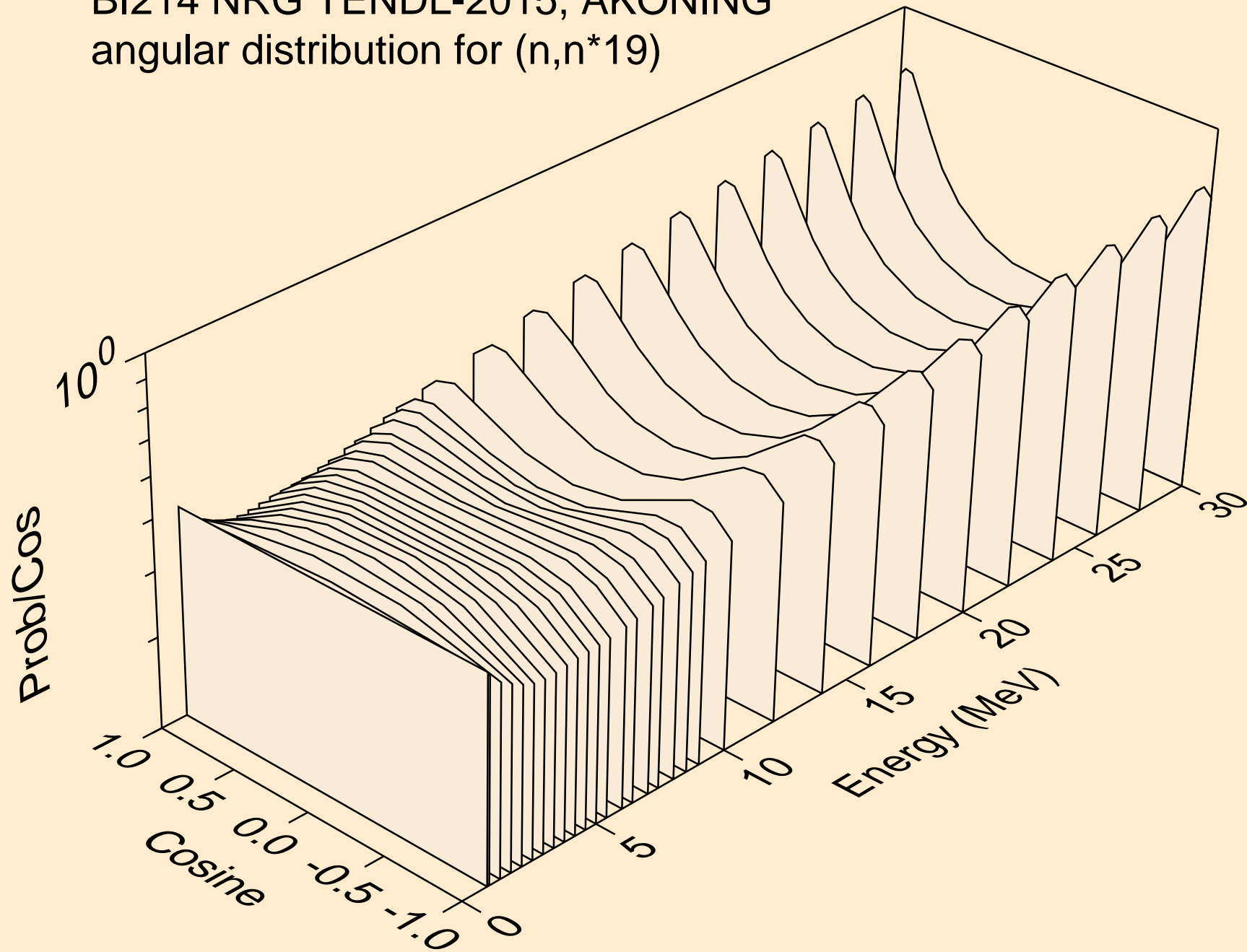




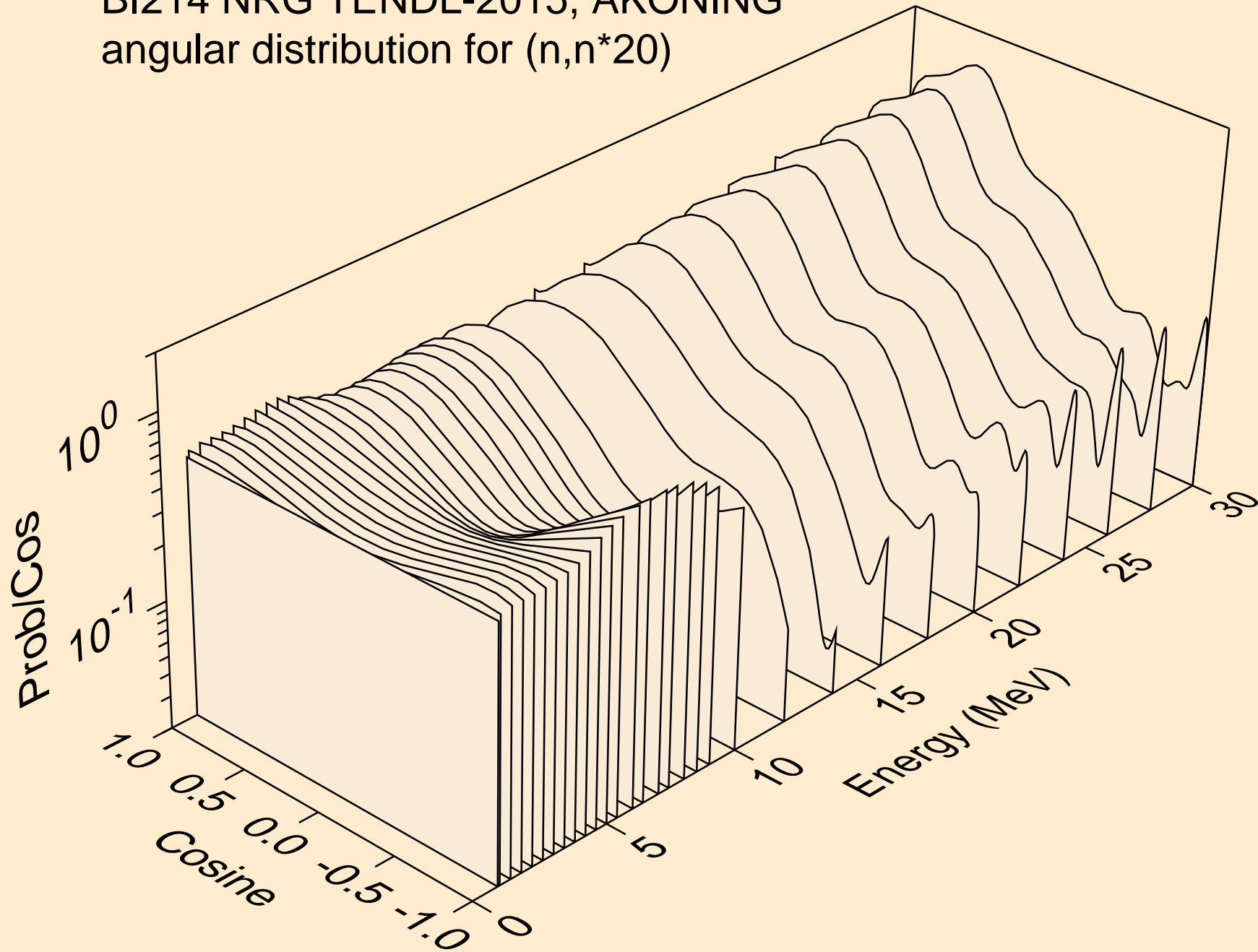
BI214 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



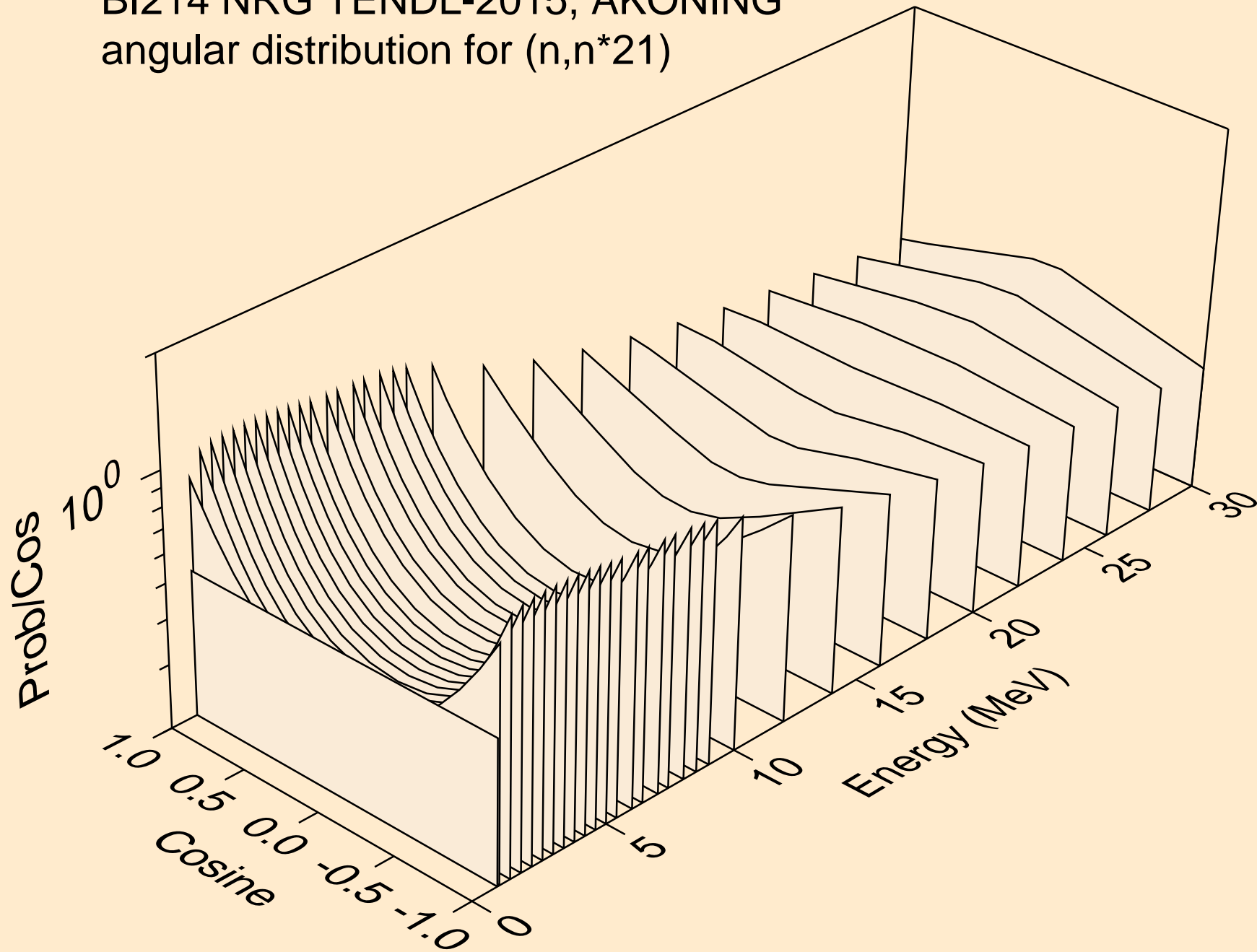
BI214 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



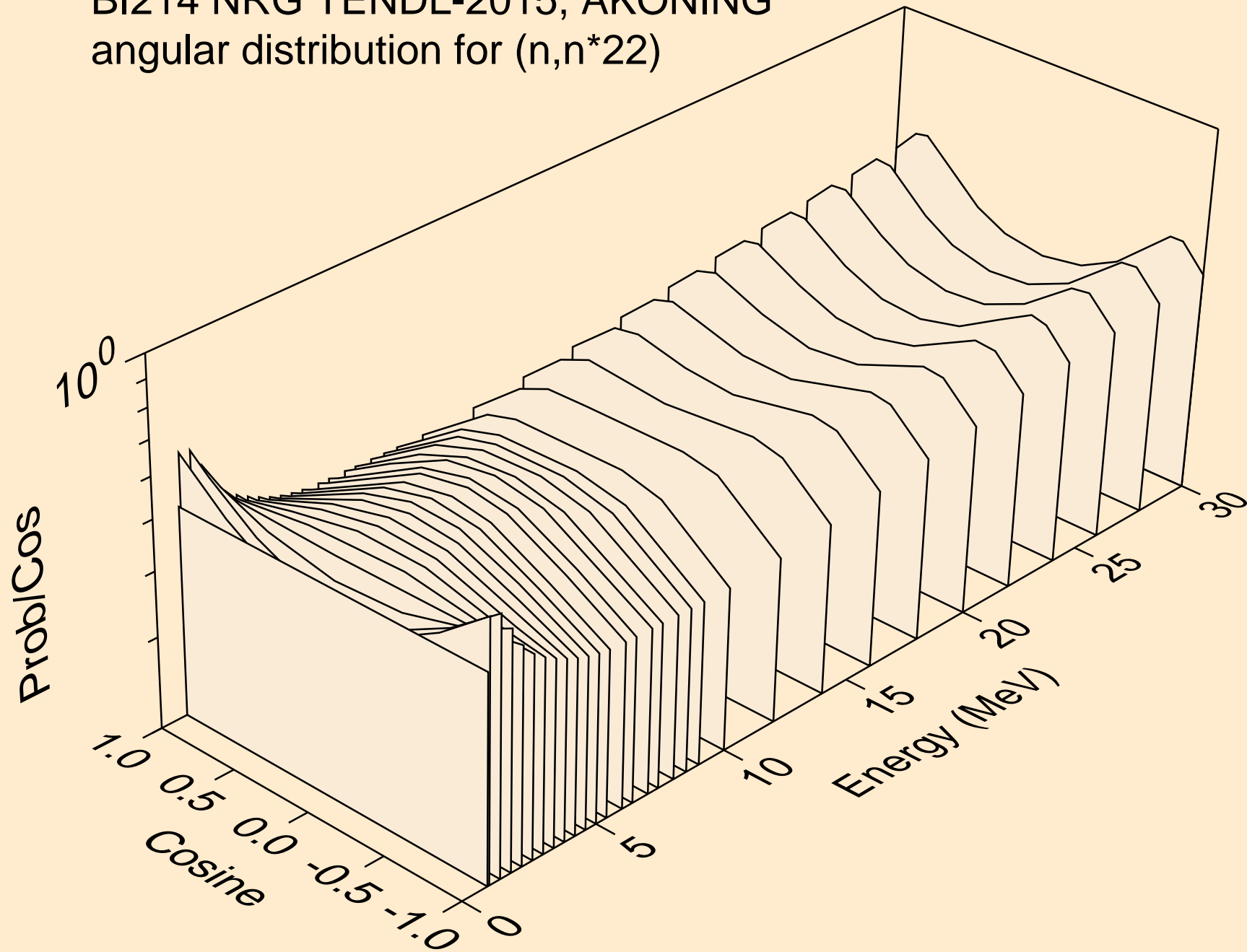
BI214 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



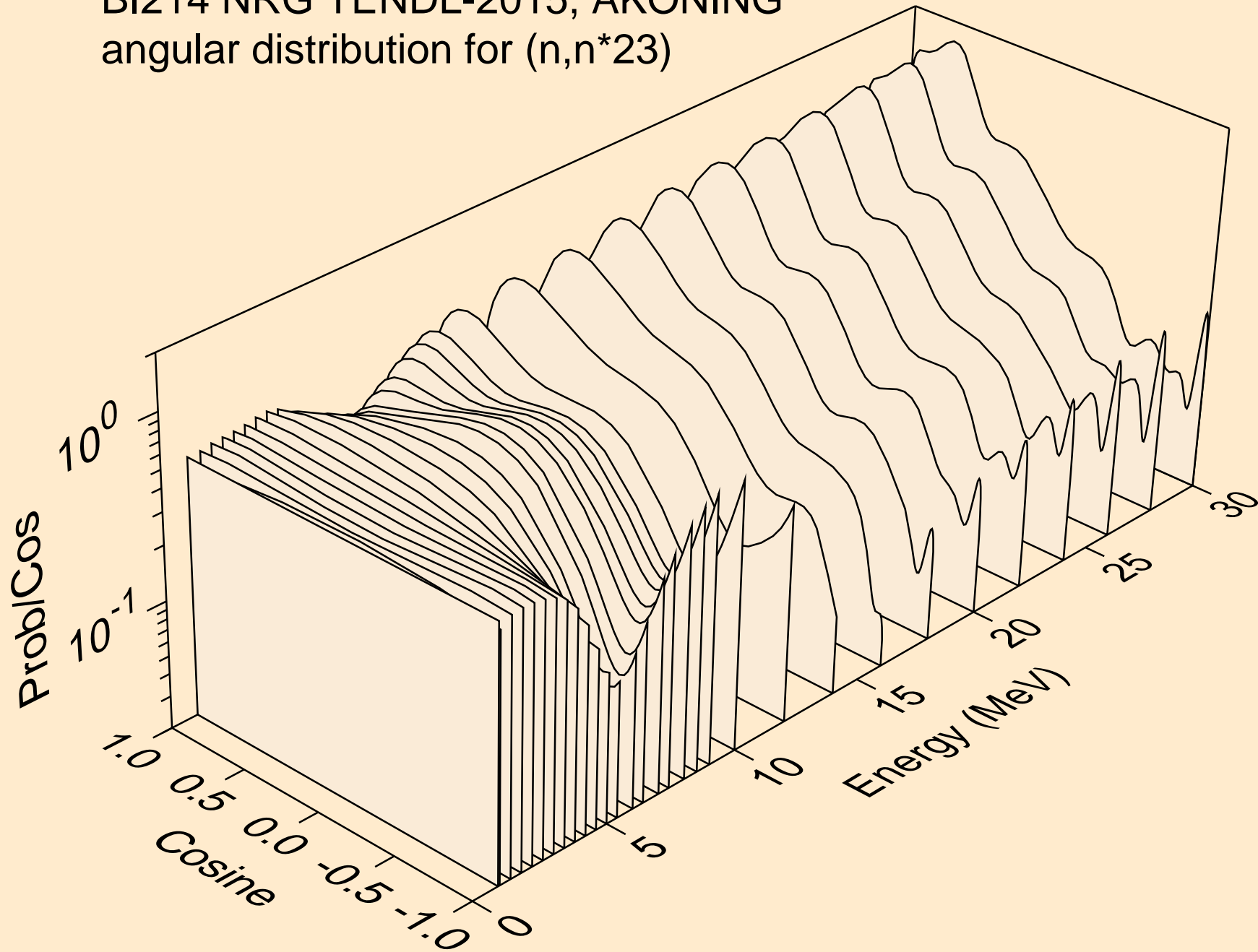
BI214 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



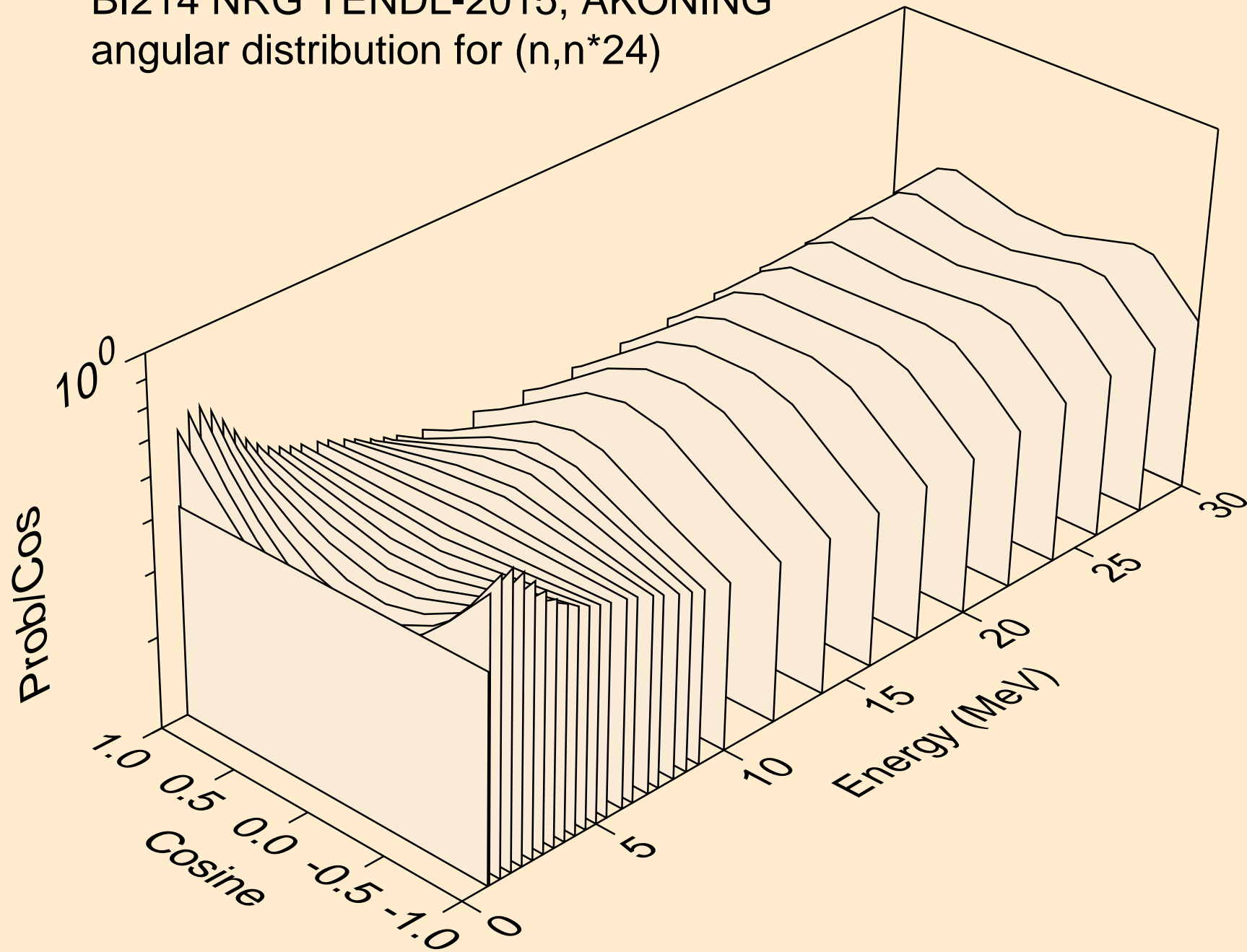
BI214 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



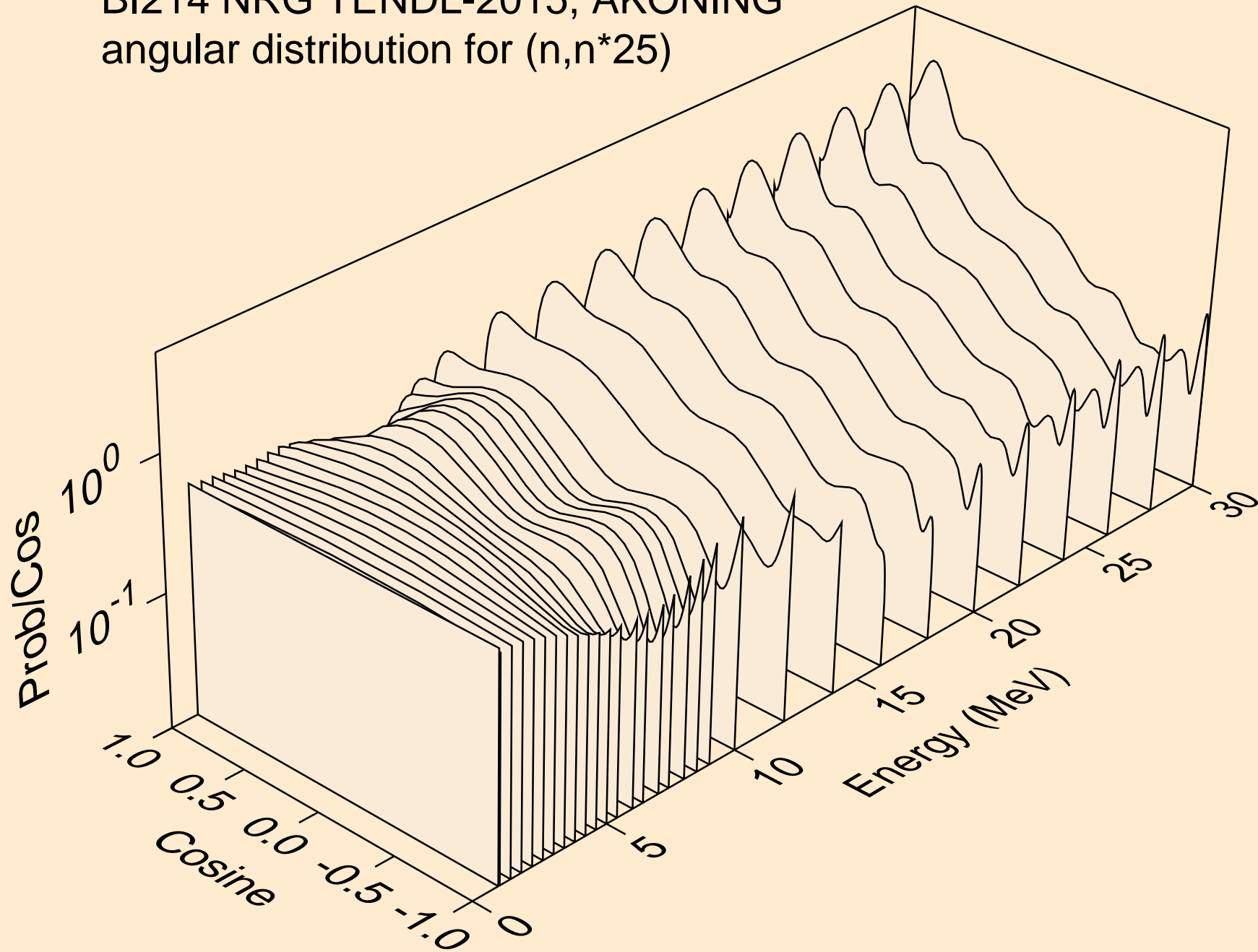
BI214 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



BI214 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)

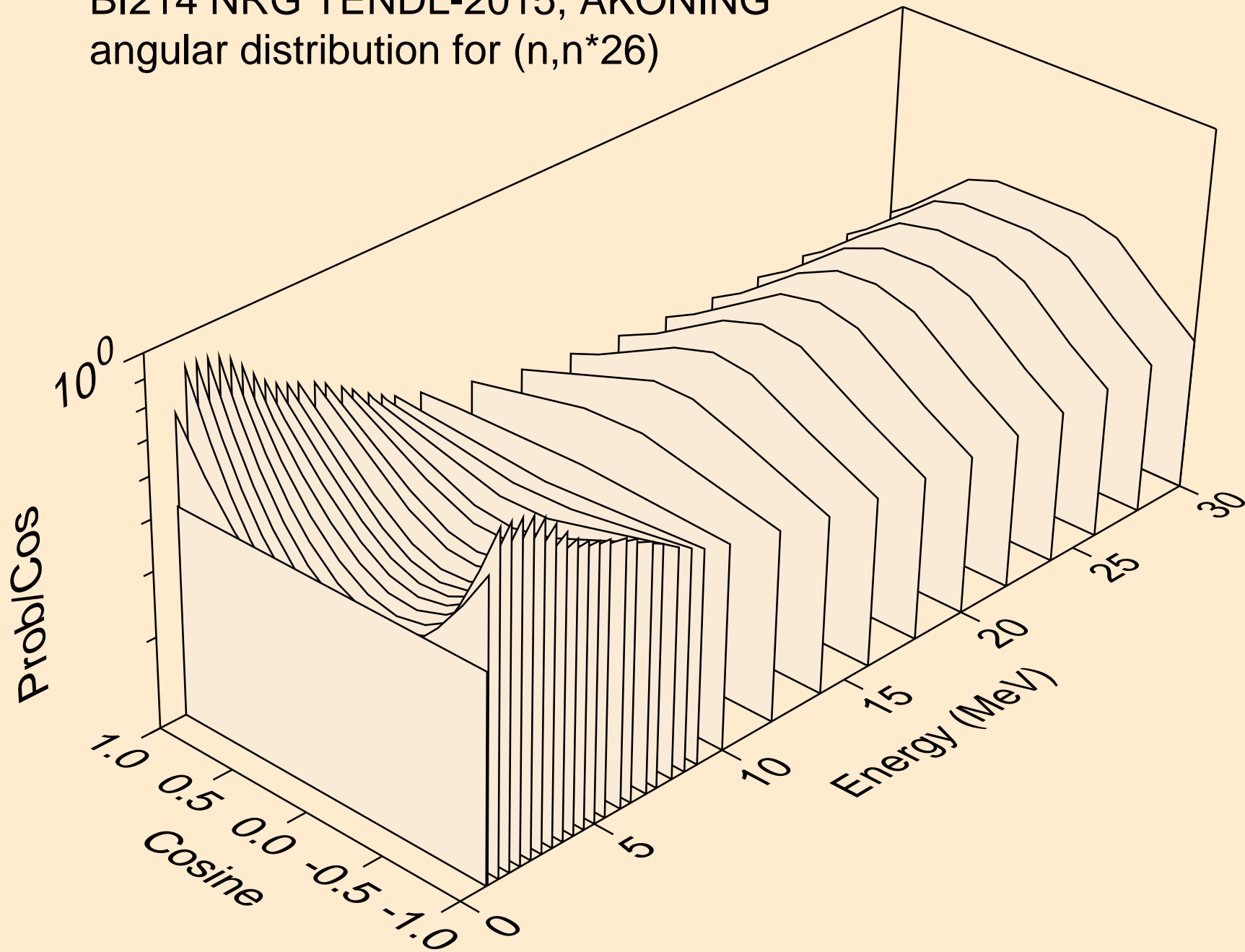


BI214 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)

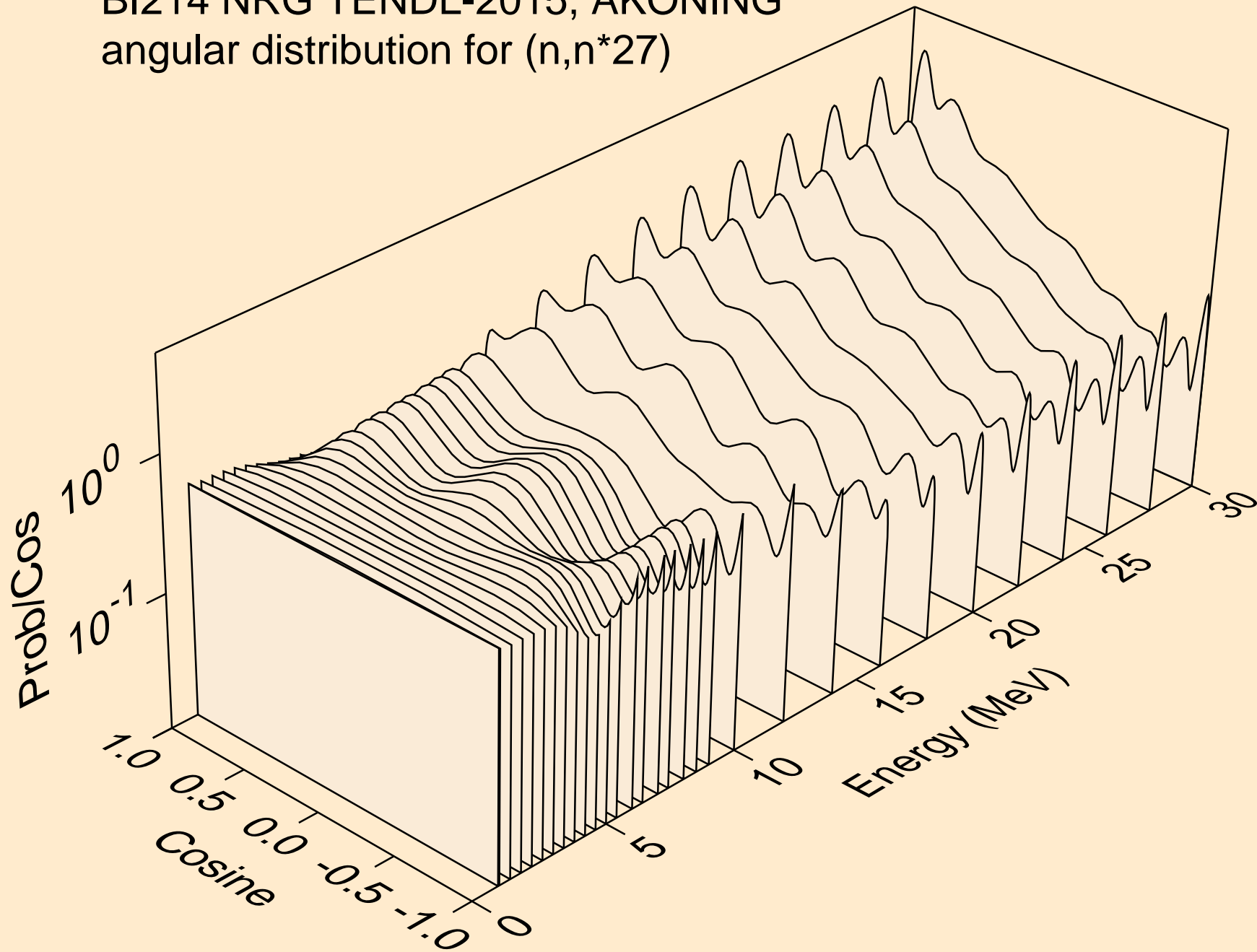




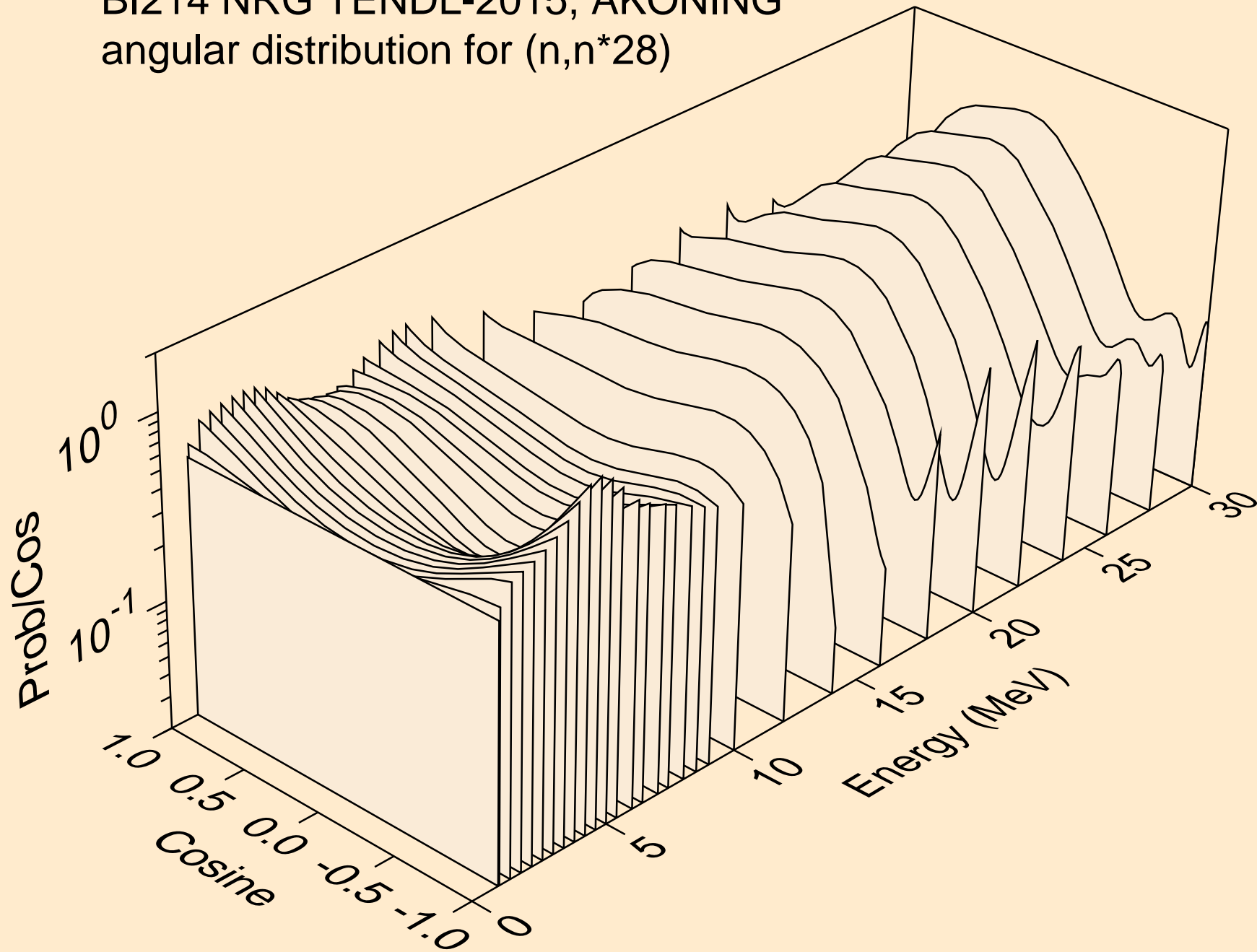
BI214 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



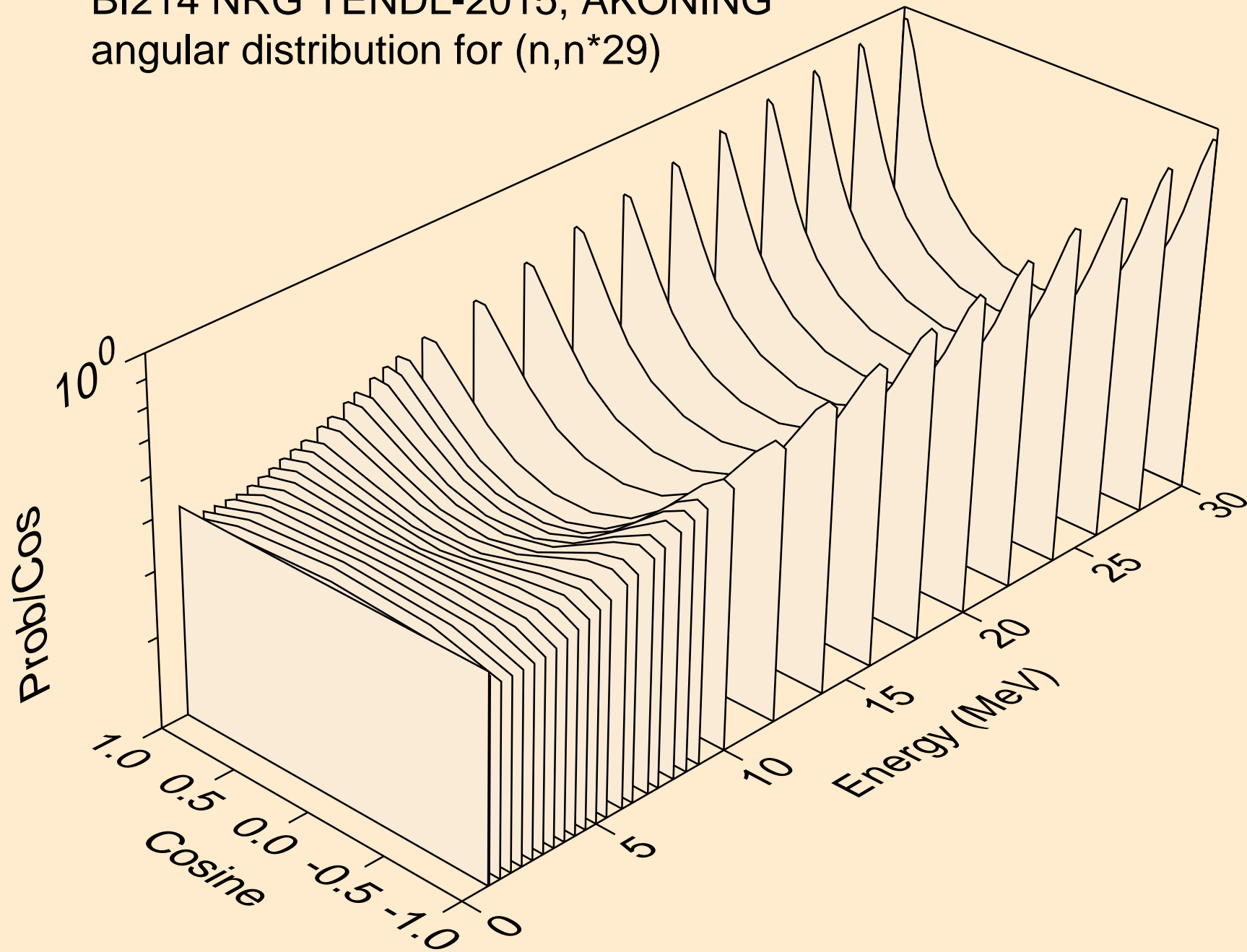
BI214 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



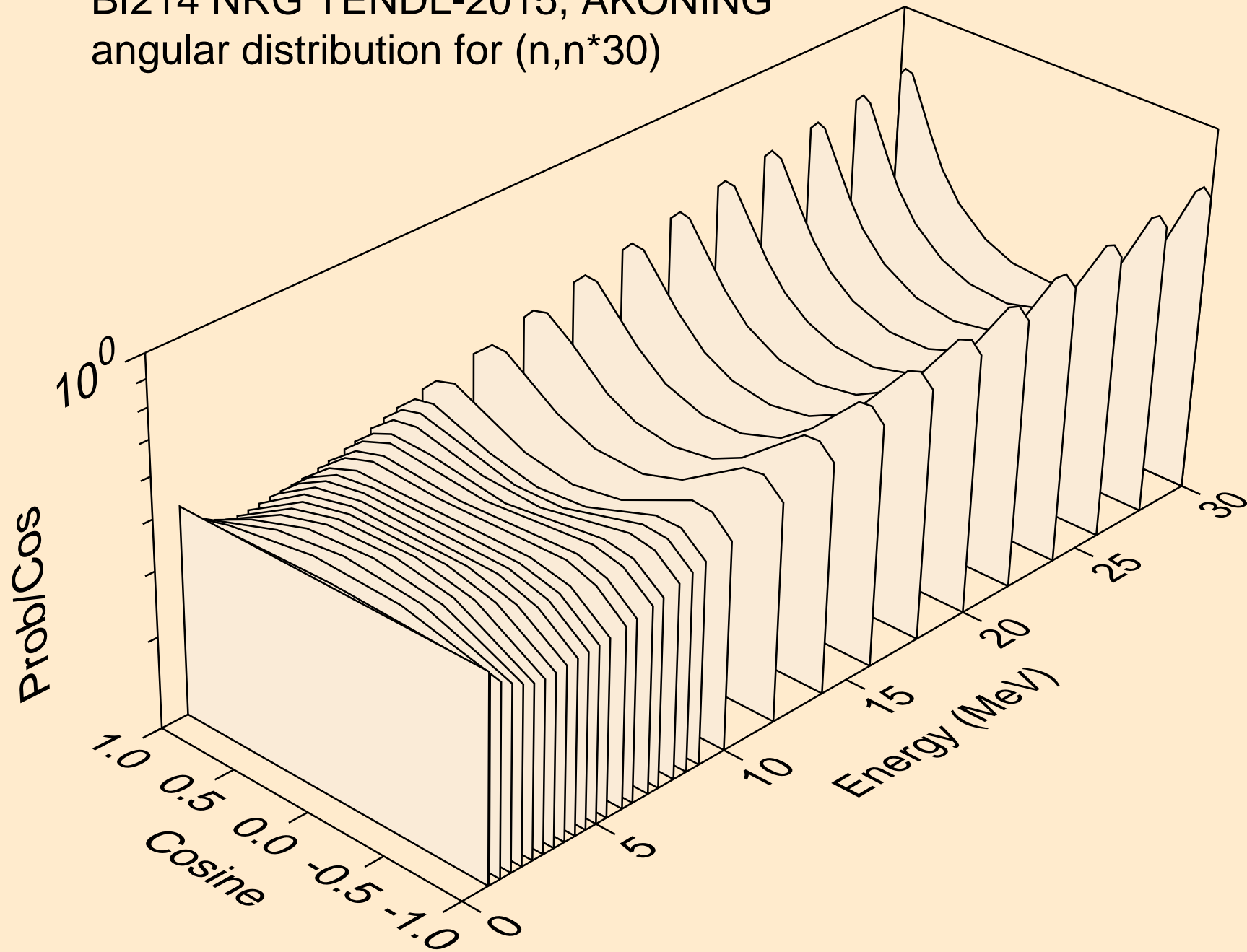
BI214 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



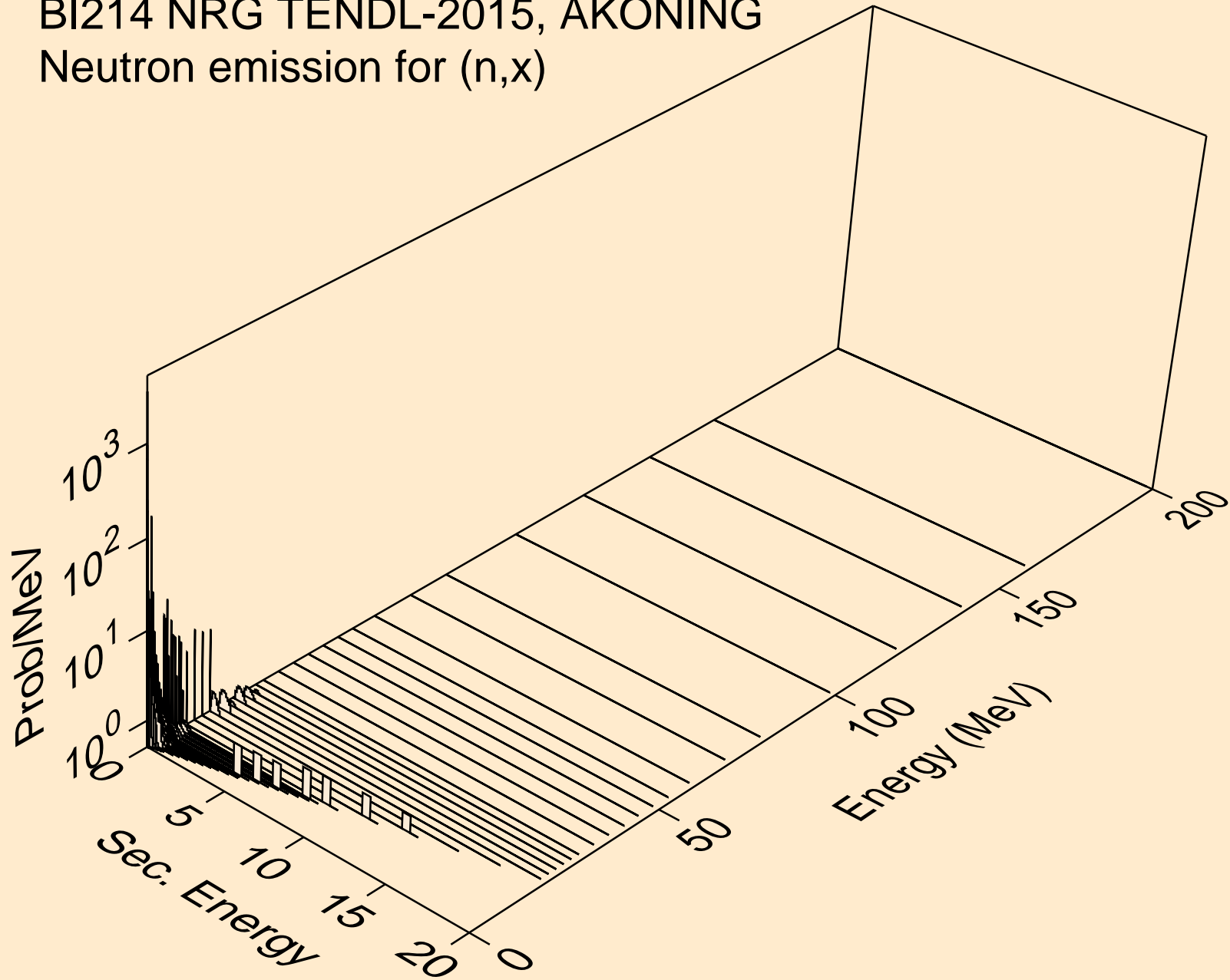
BI214 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)



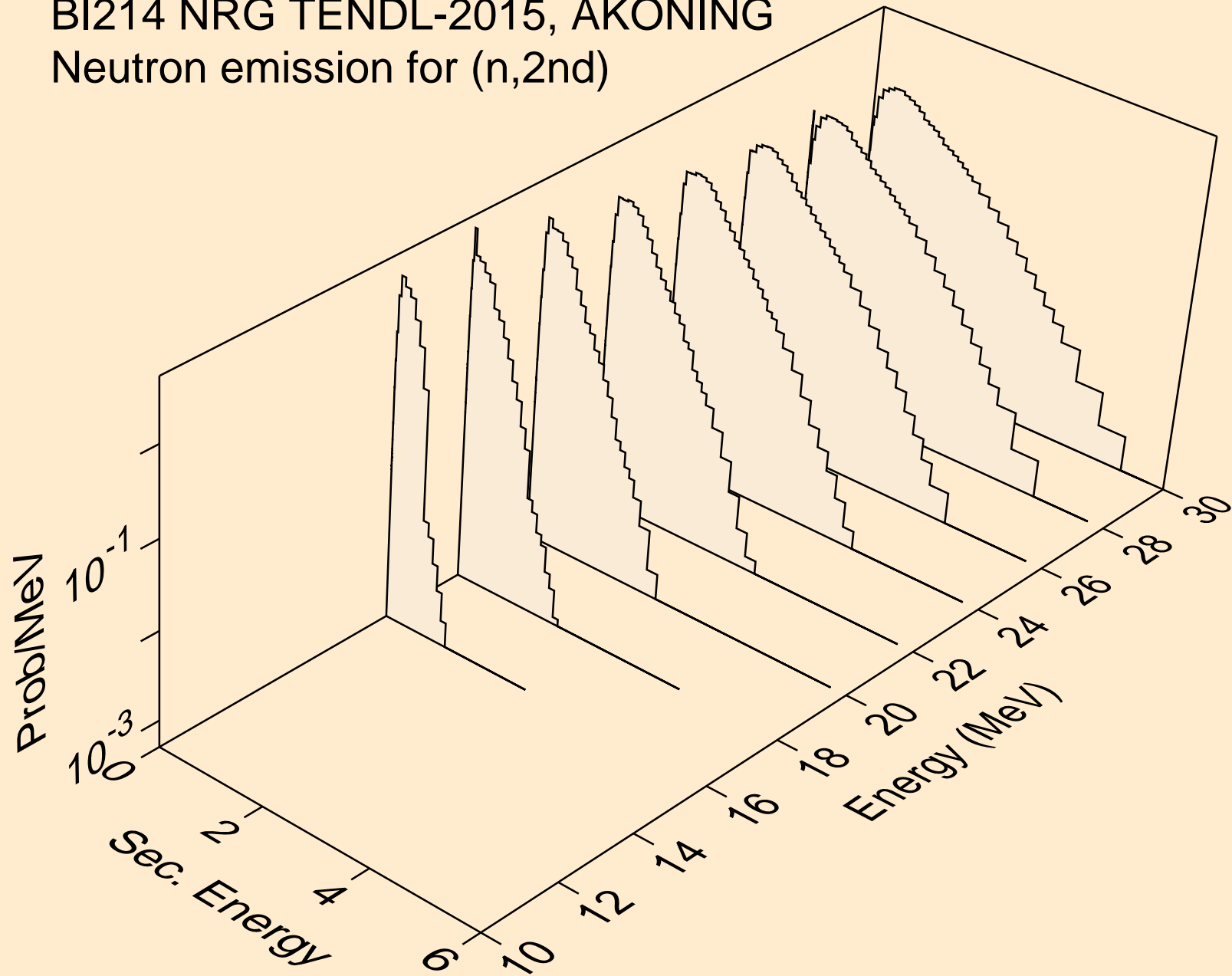
BI214 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)



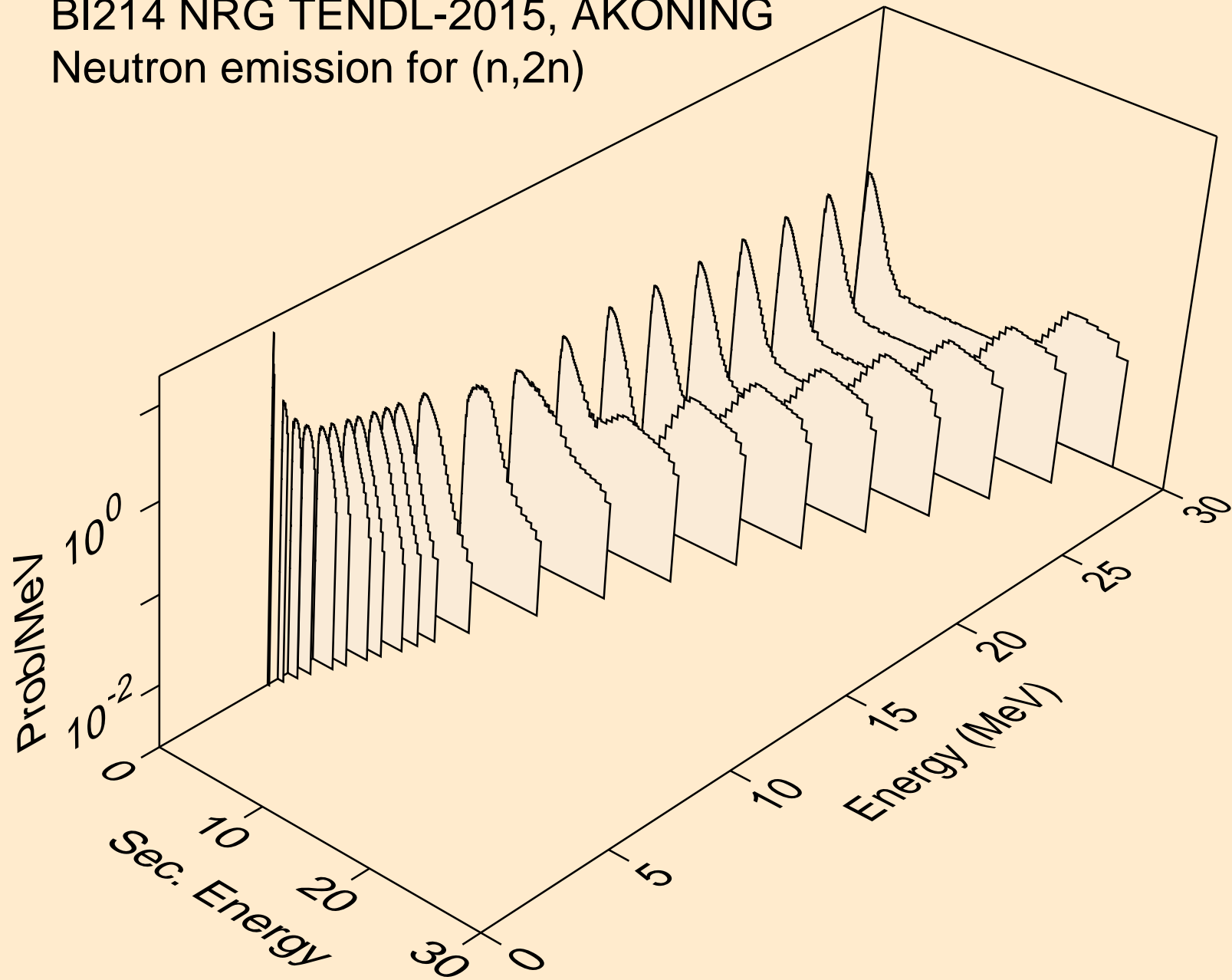
BI214 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



BI214 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)

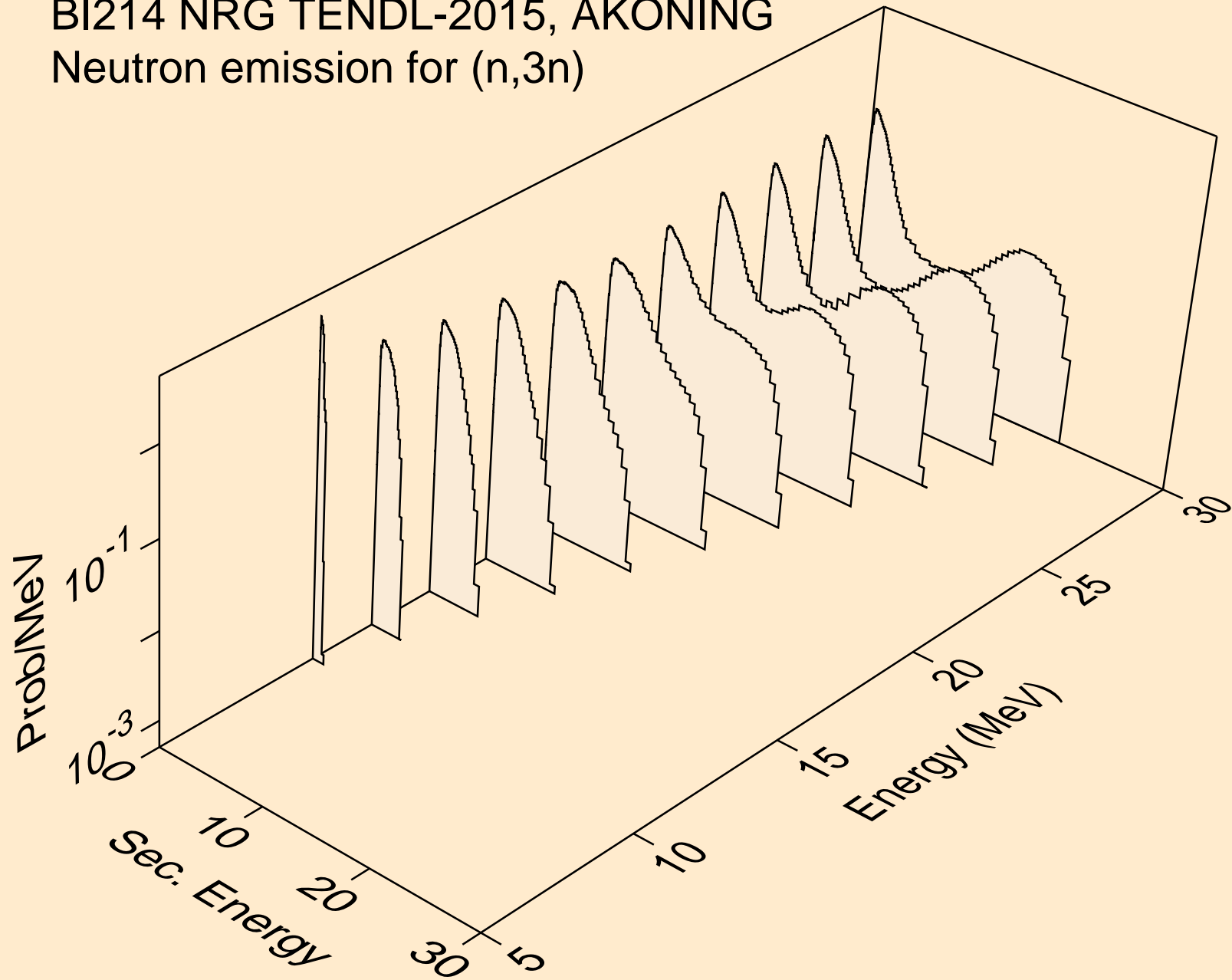


BI214 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)

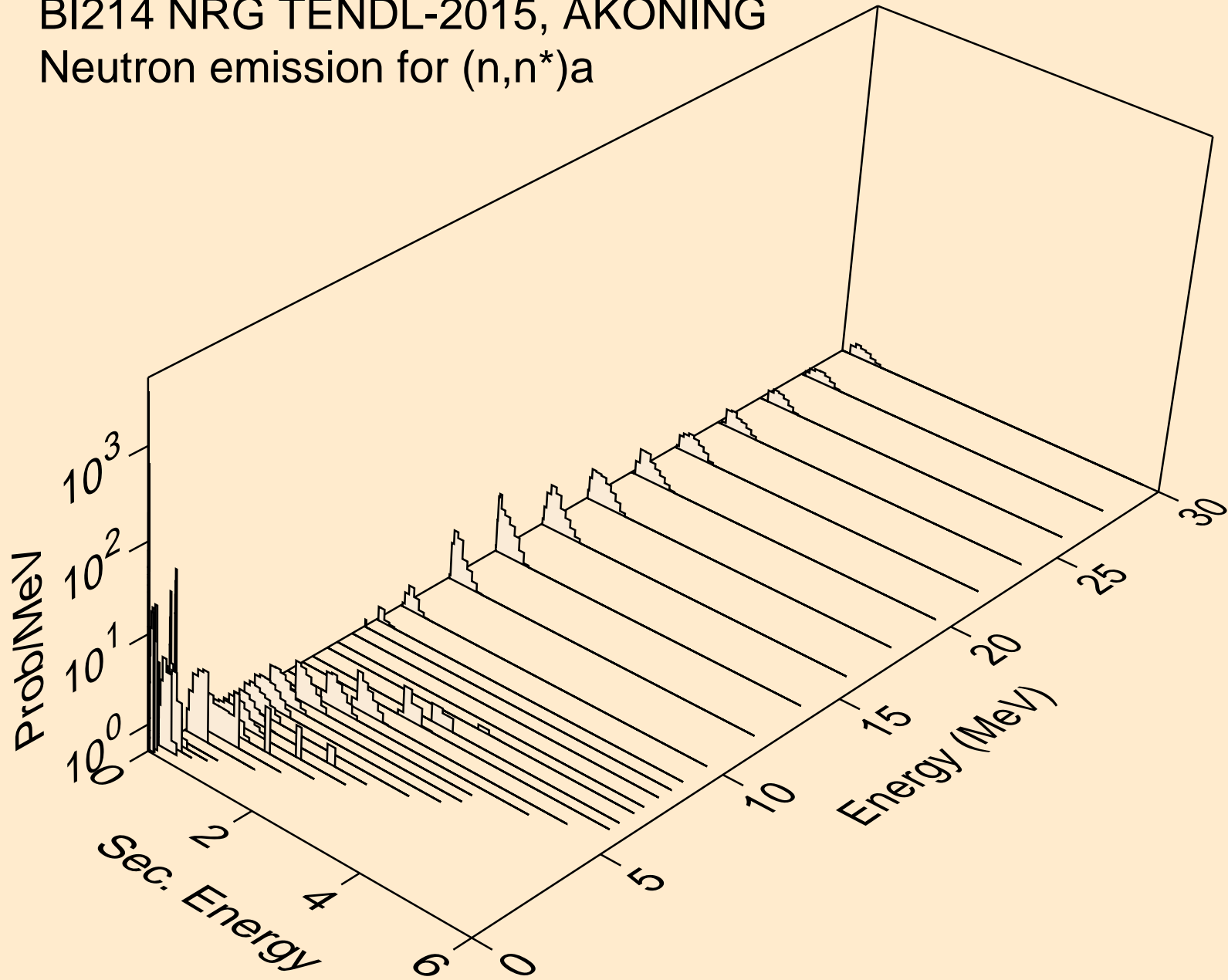




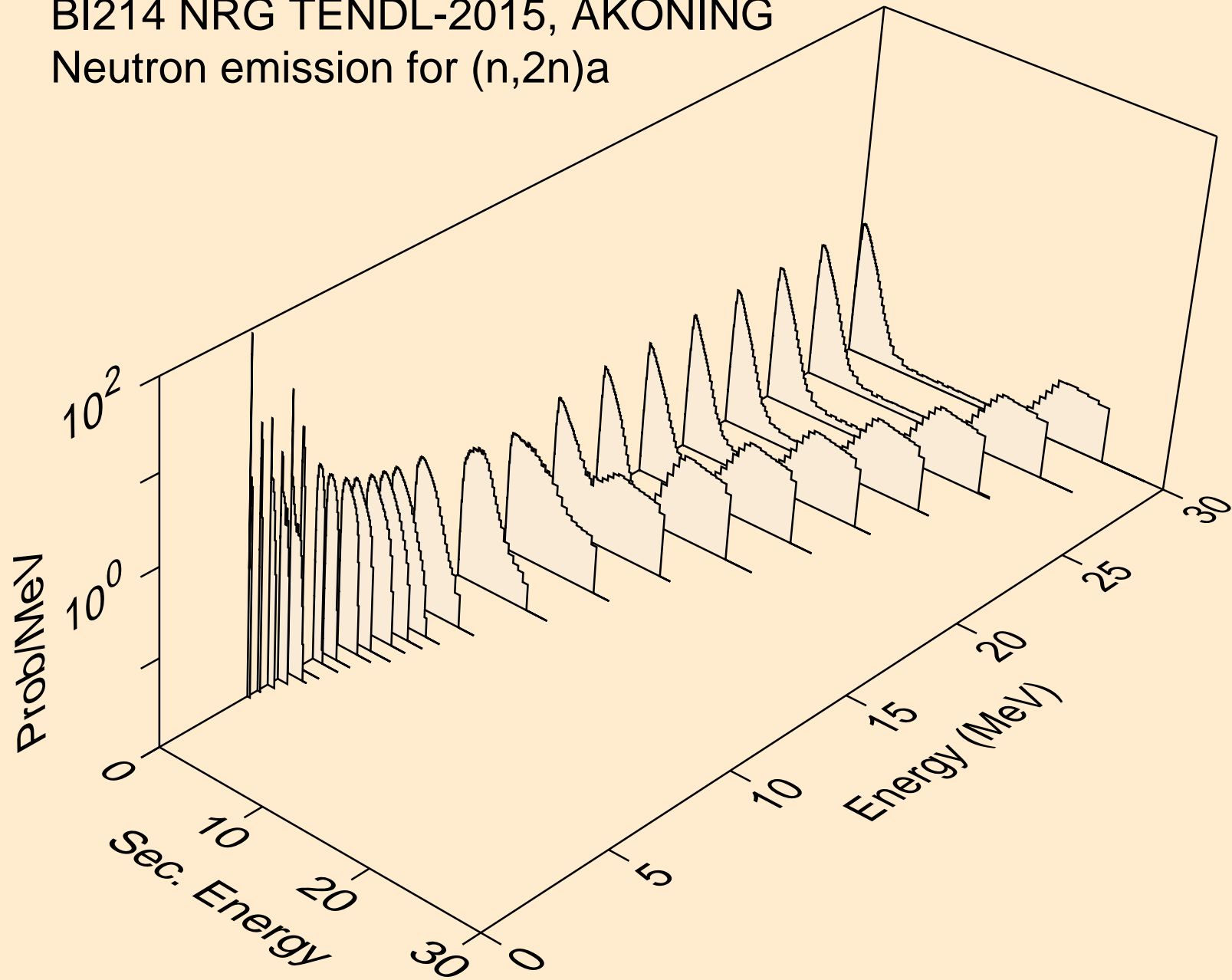
BI214 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



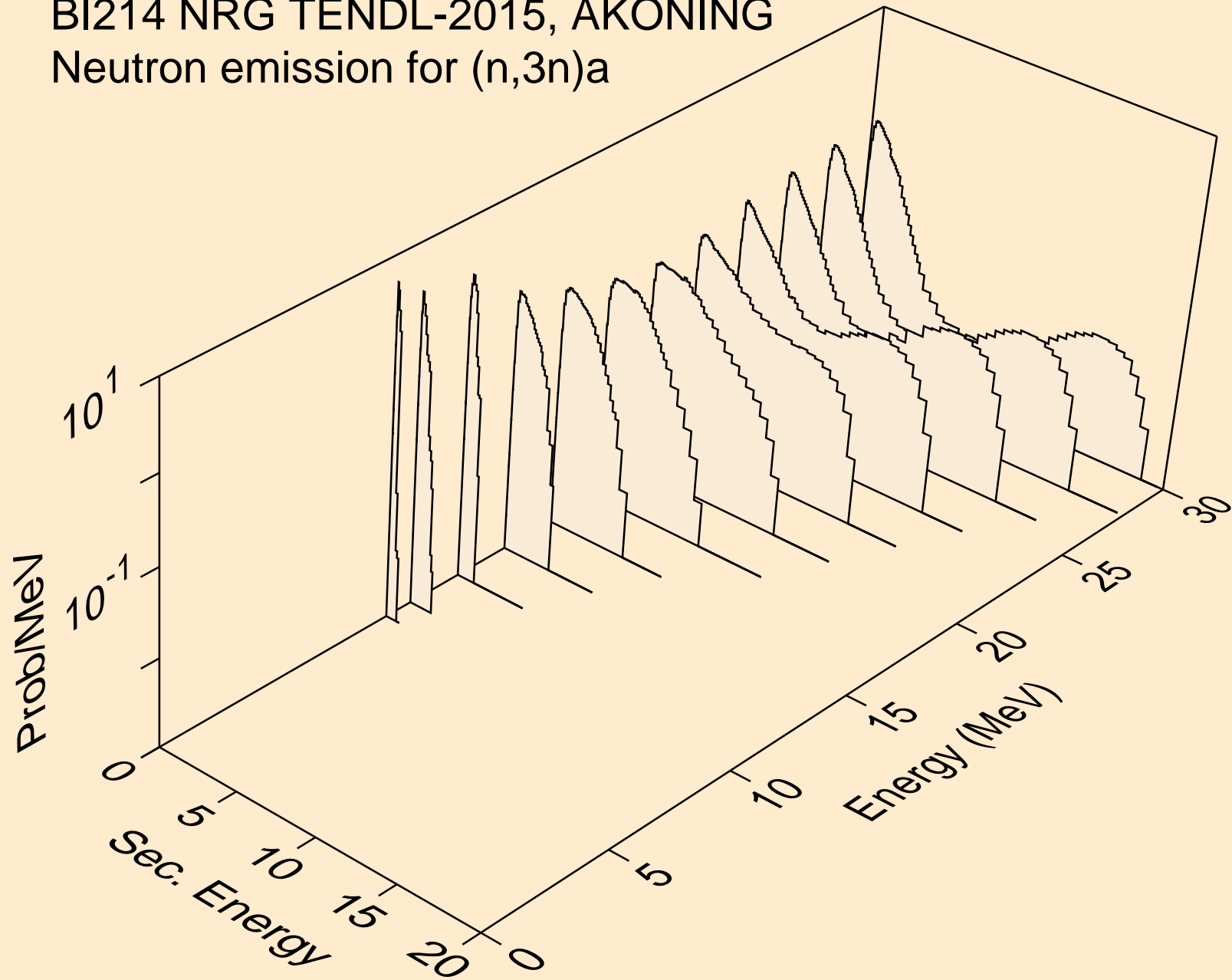
BI214 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



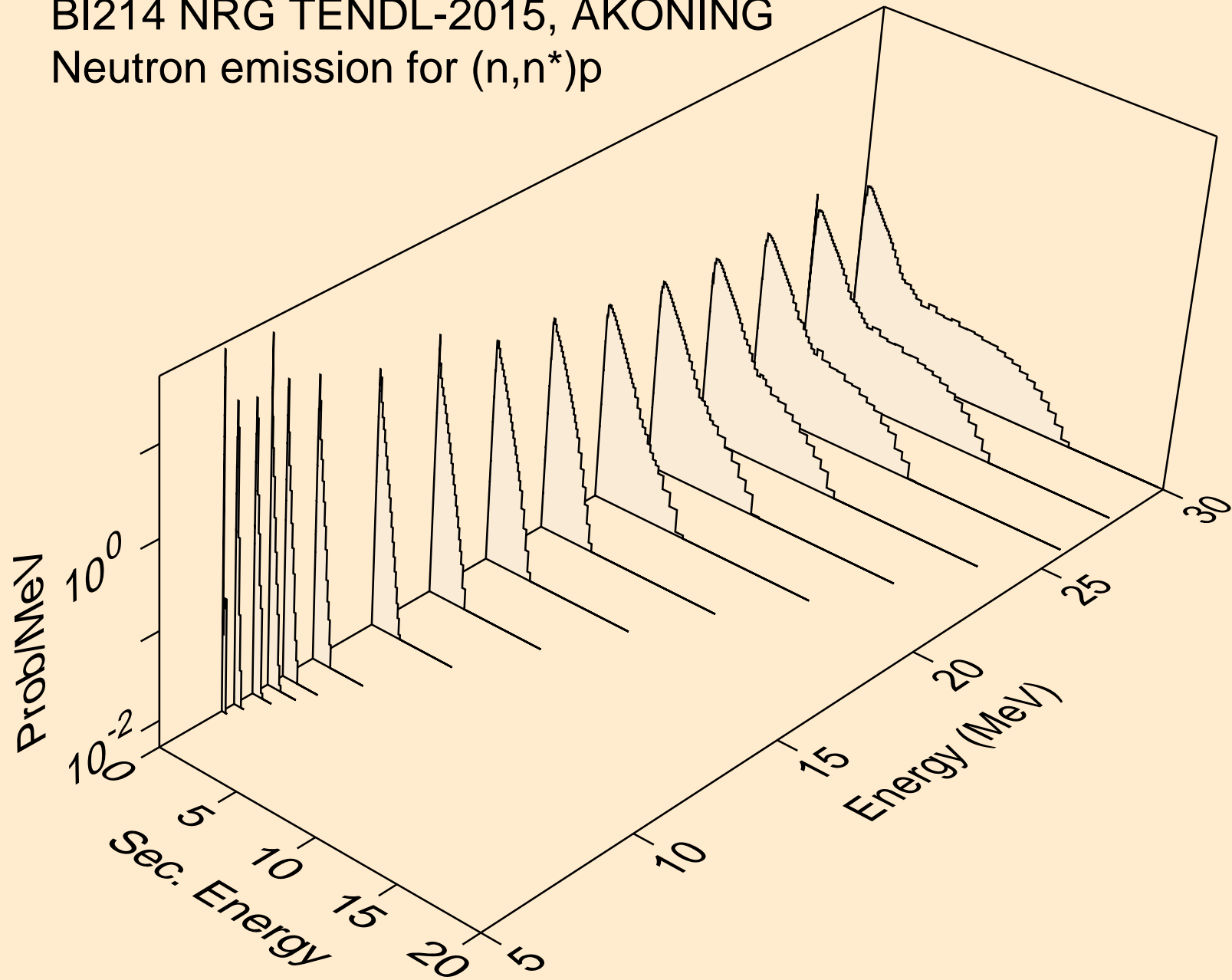
BI214 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



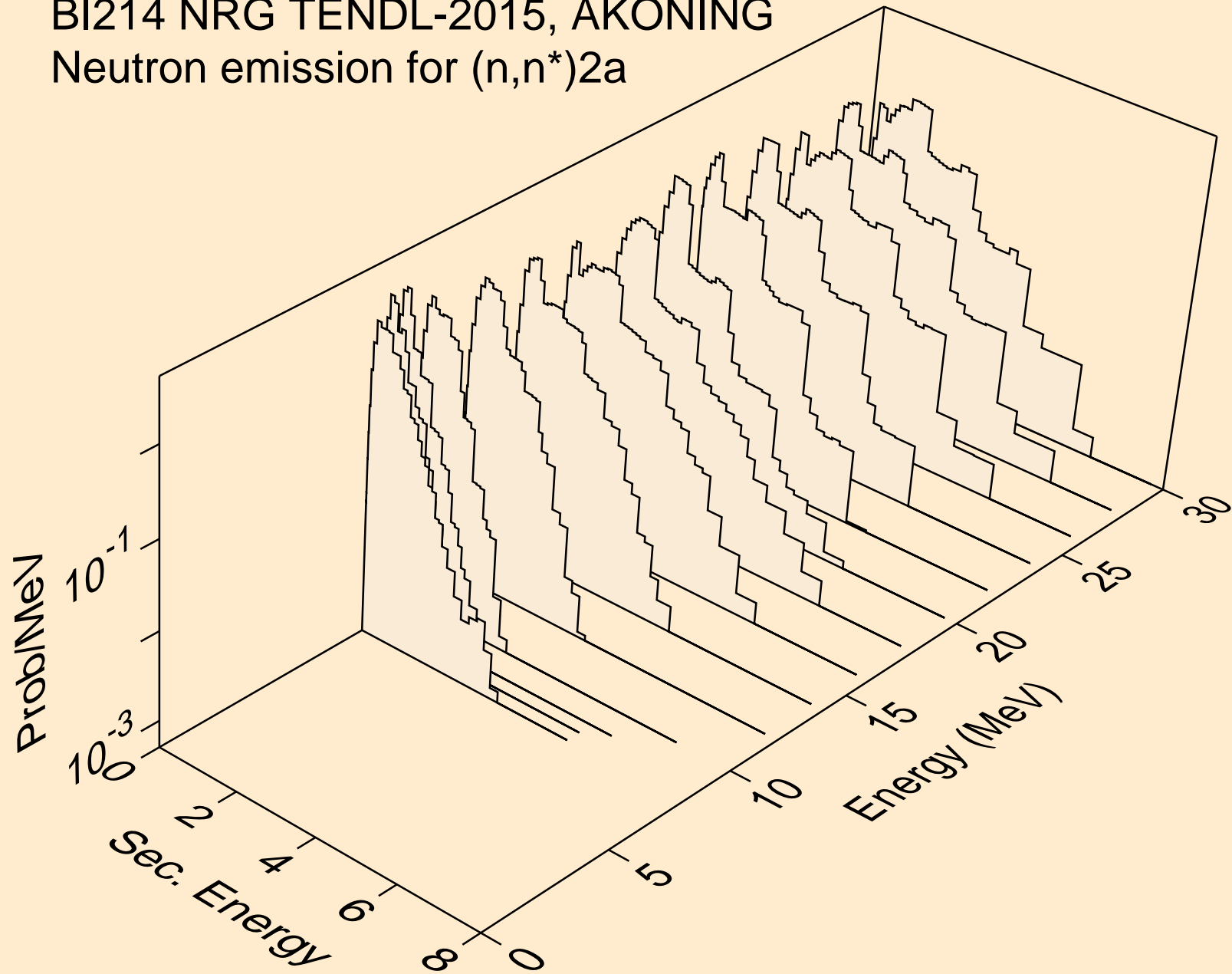
BI214 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



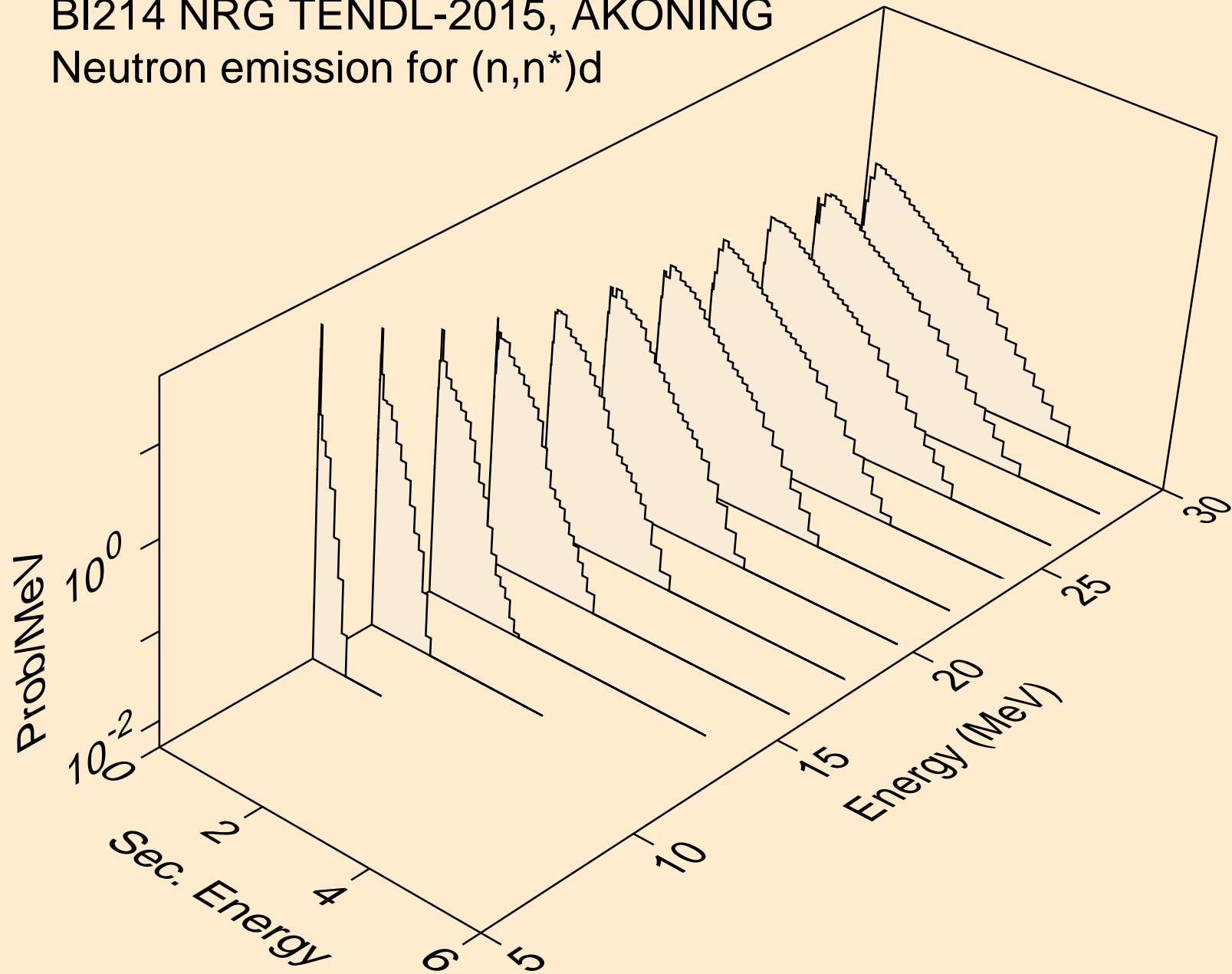
BI214 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



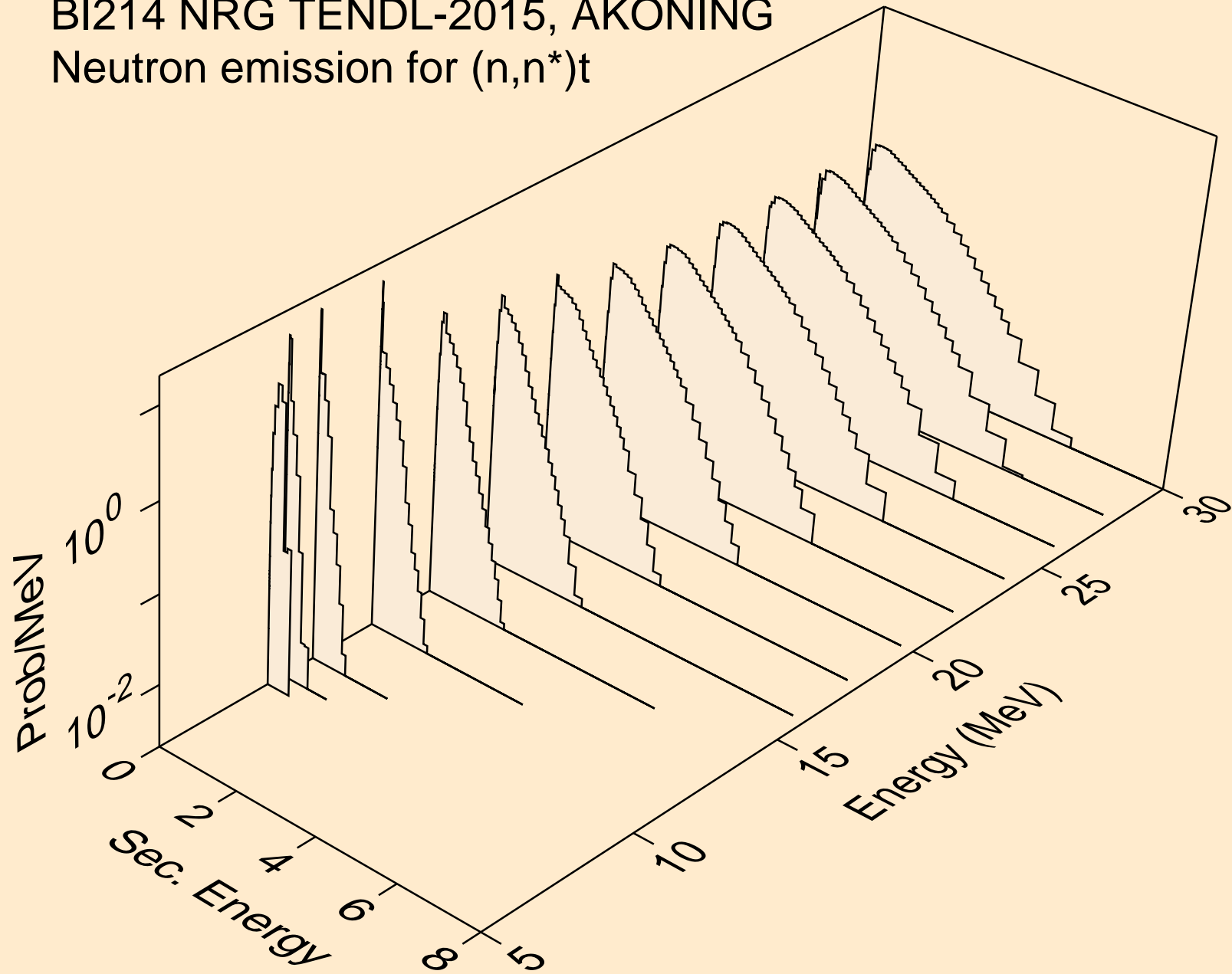
BI214 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



BI214 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d

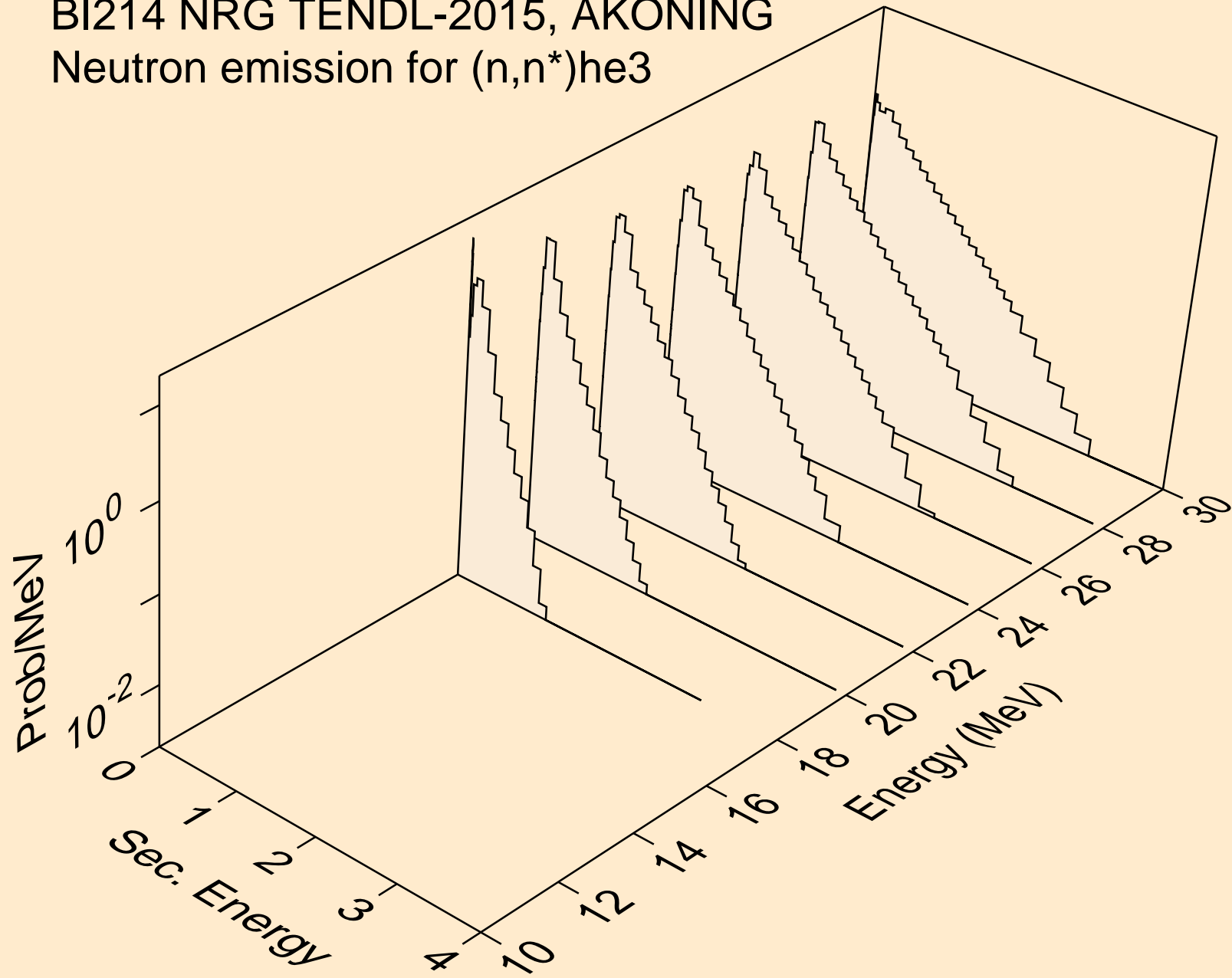


BI214 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t

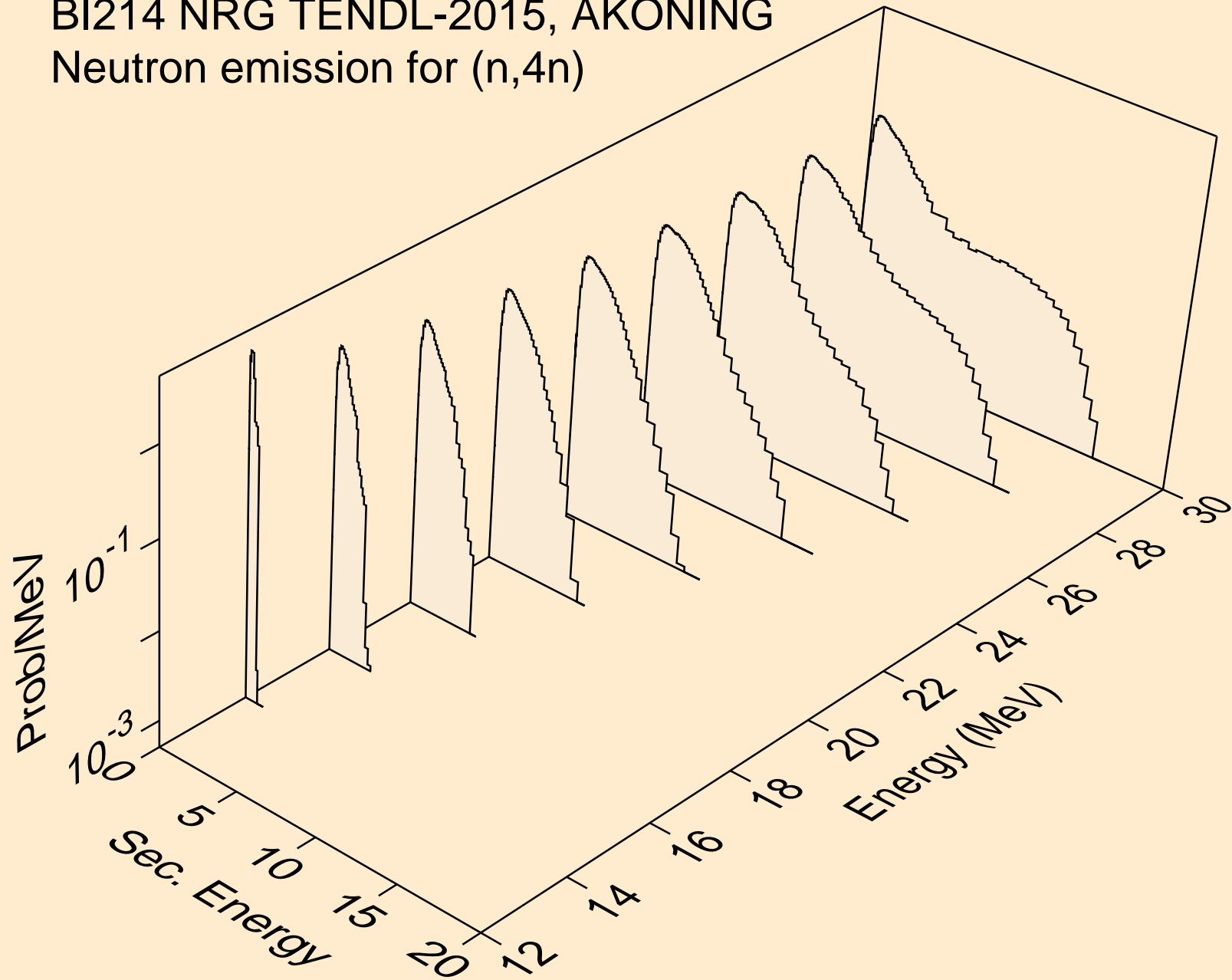




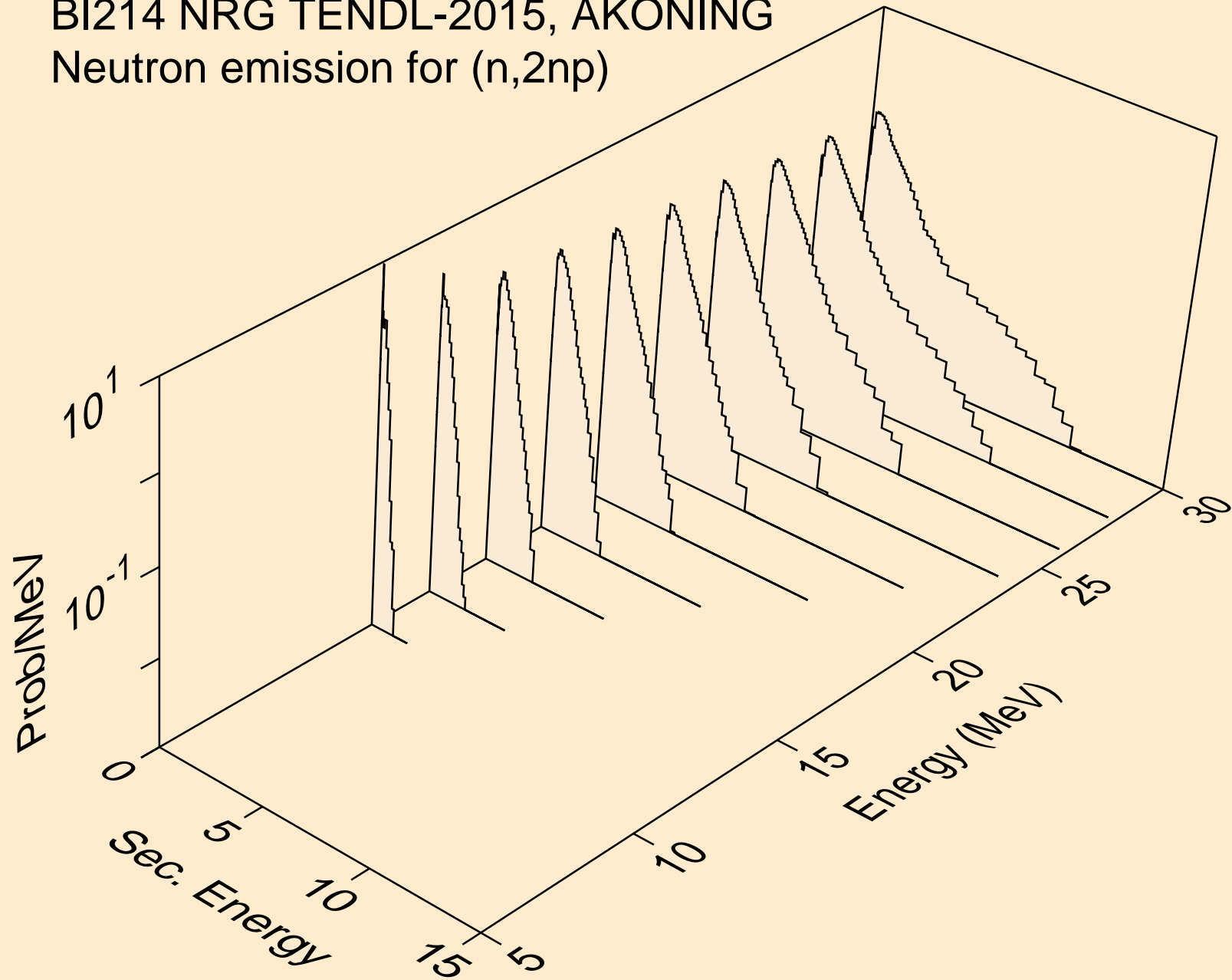
BI214 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



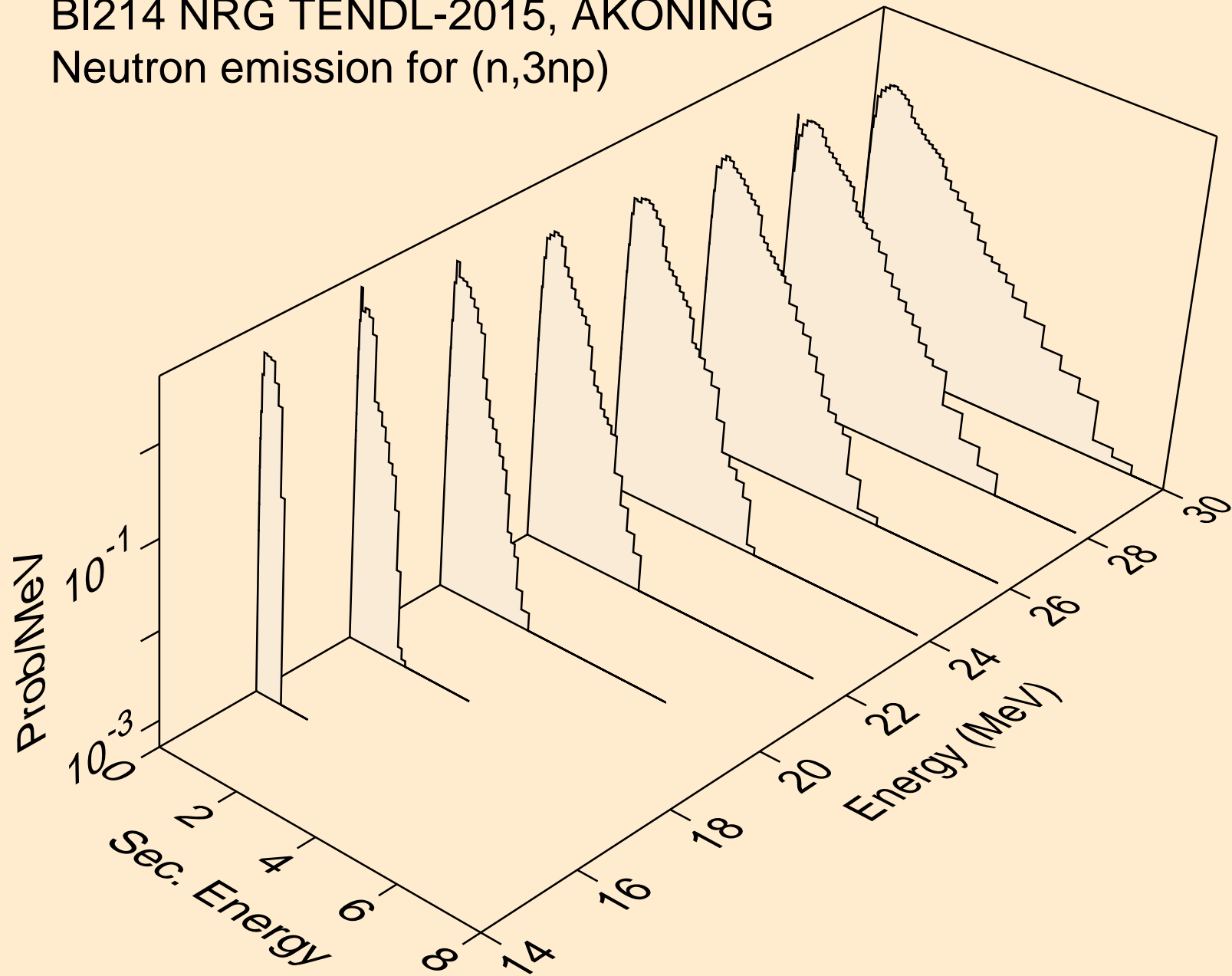
BI214 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



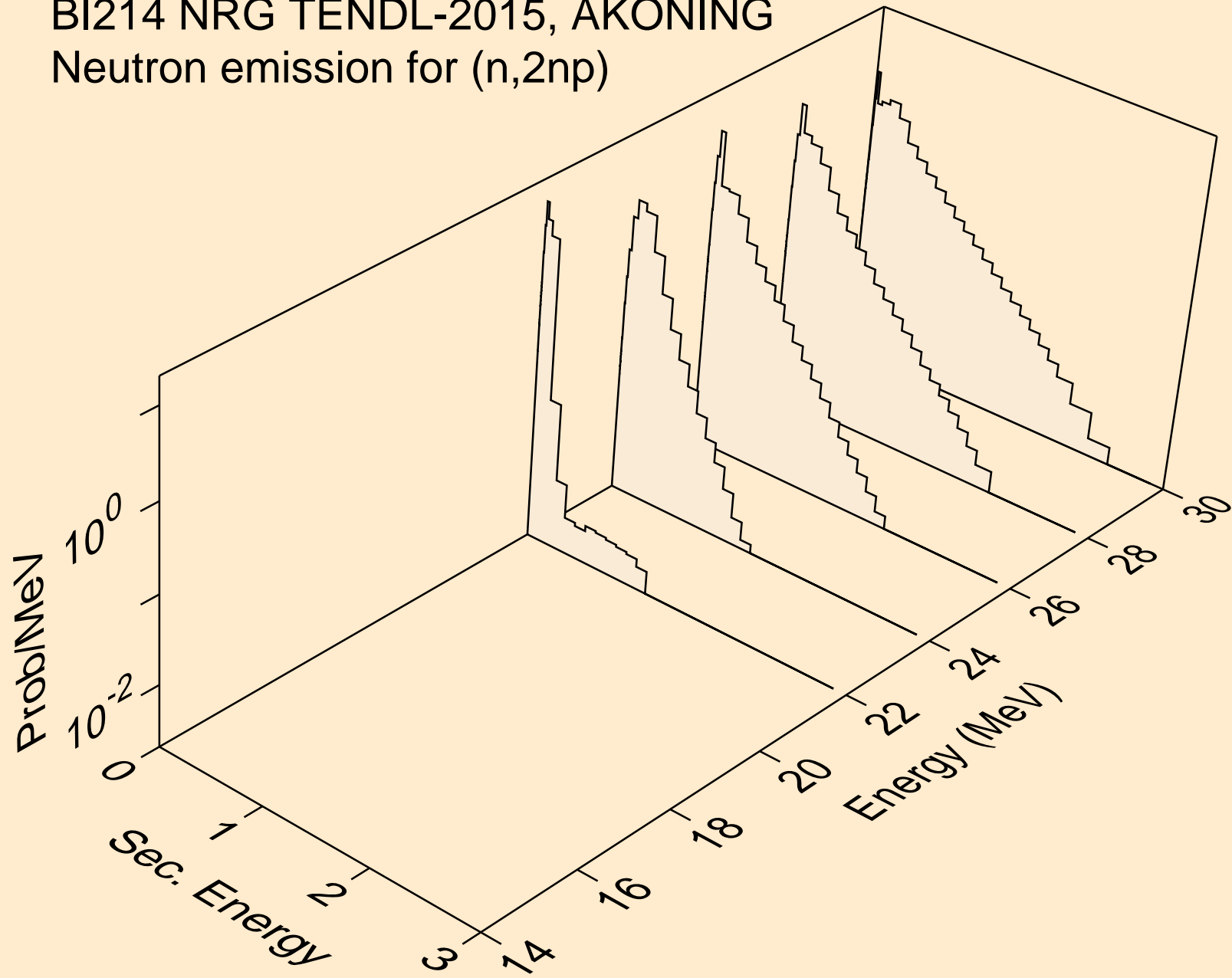
BI214 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



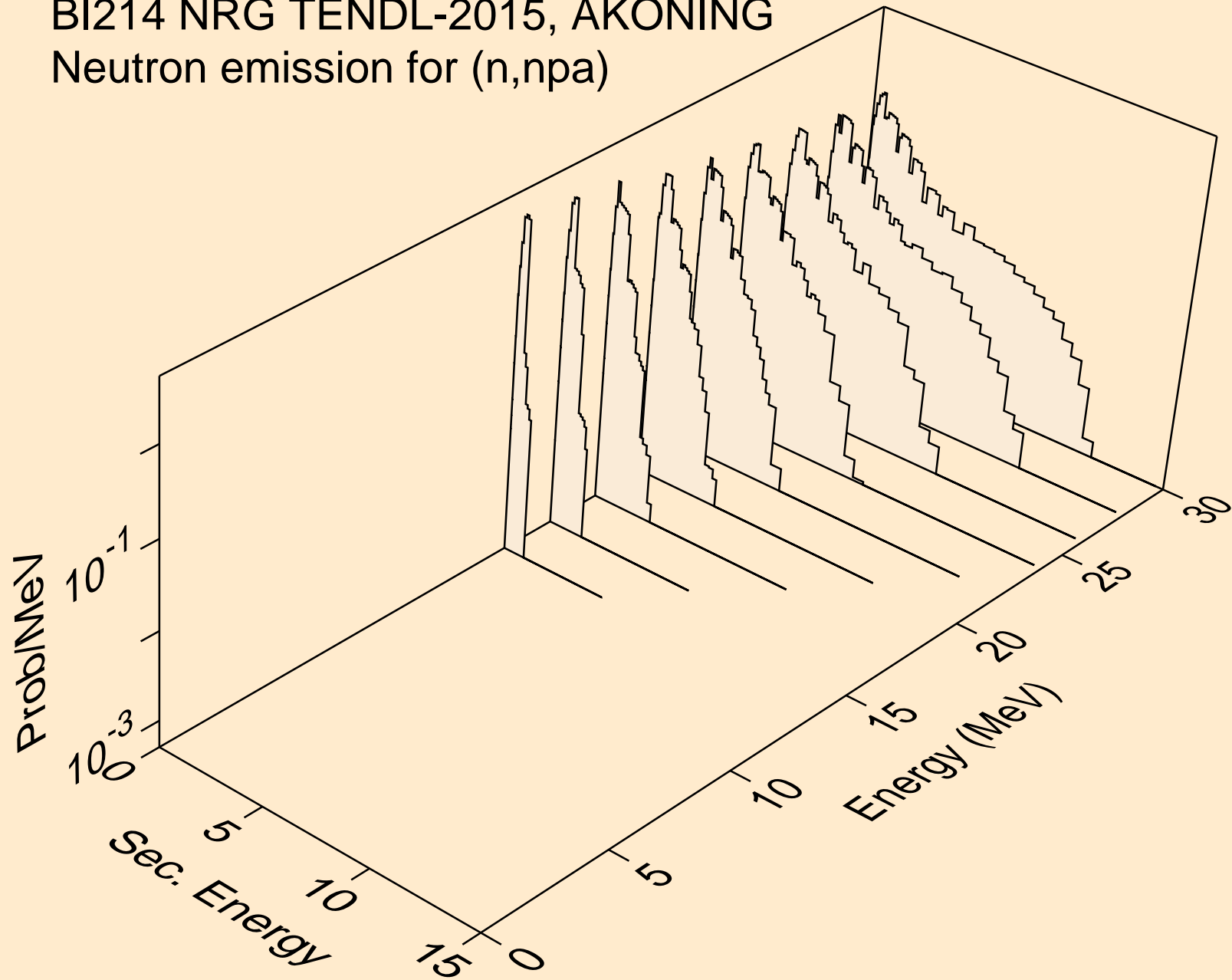
BI214 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



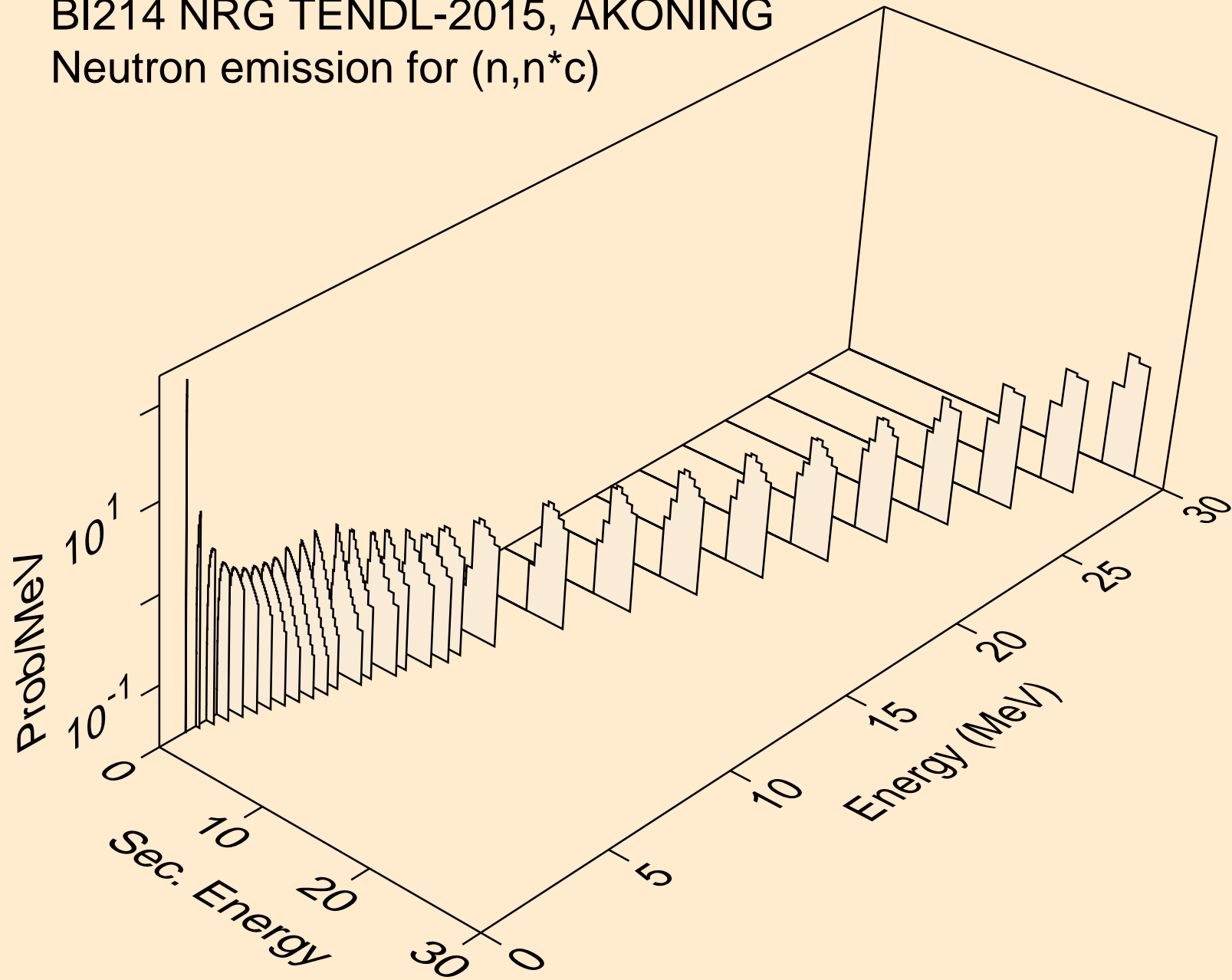
BI214 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



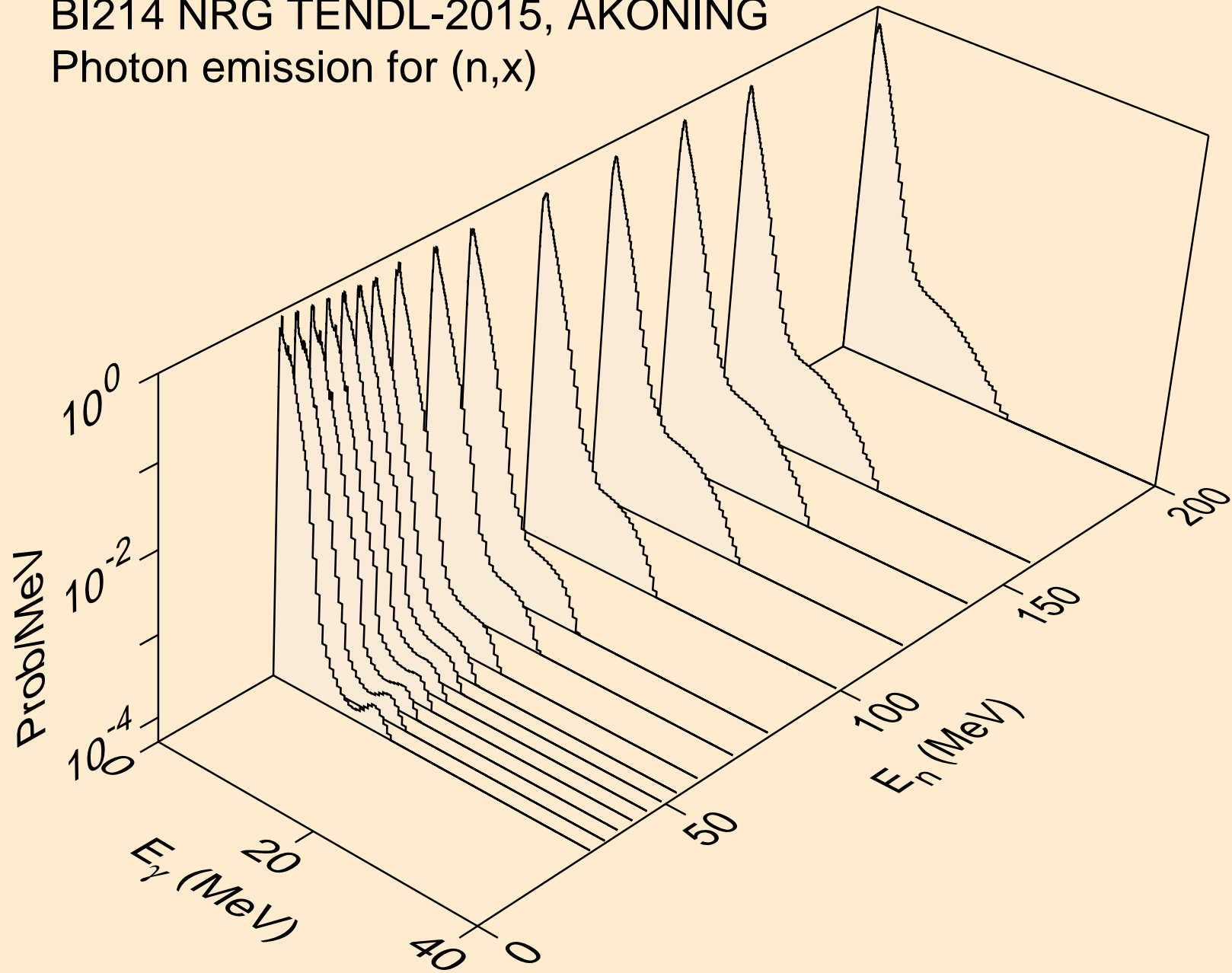
BI214 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



BI214 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)

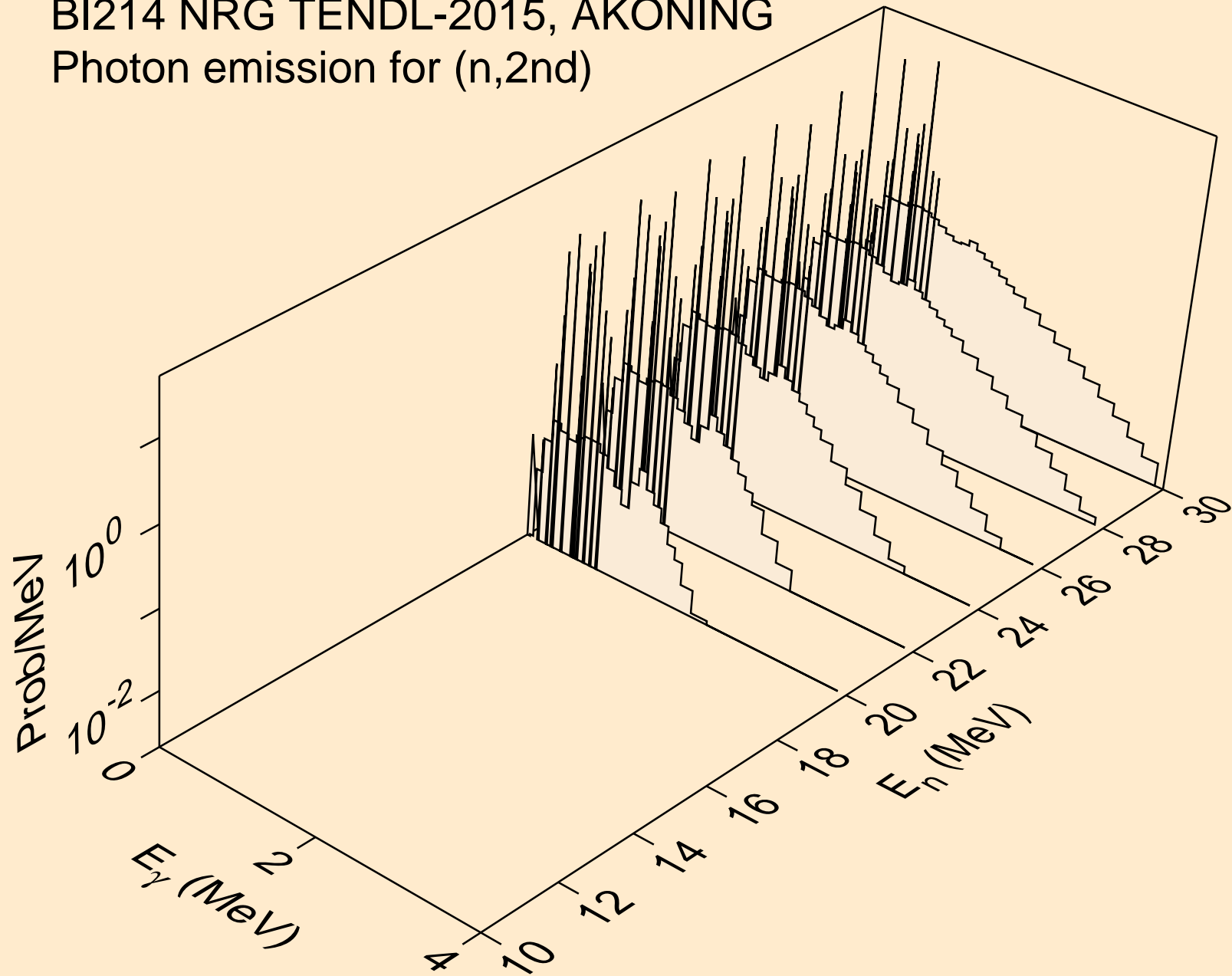


BI214 NRG TENDL-2015, AKONING  
Photon emission for (n,x)

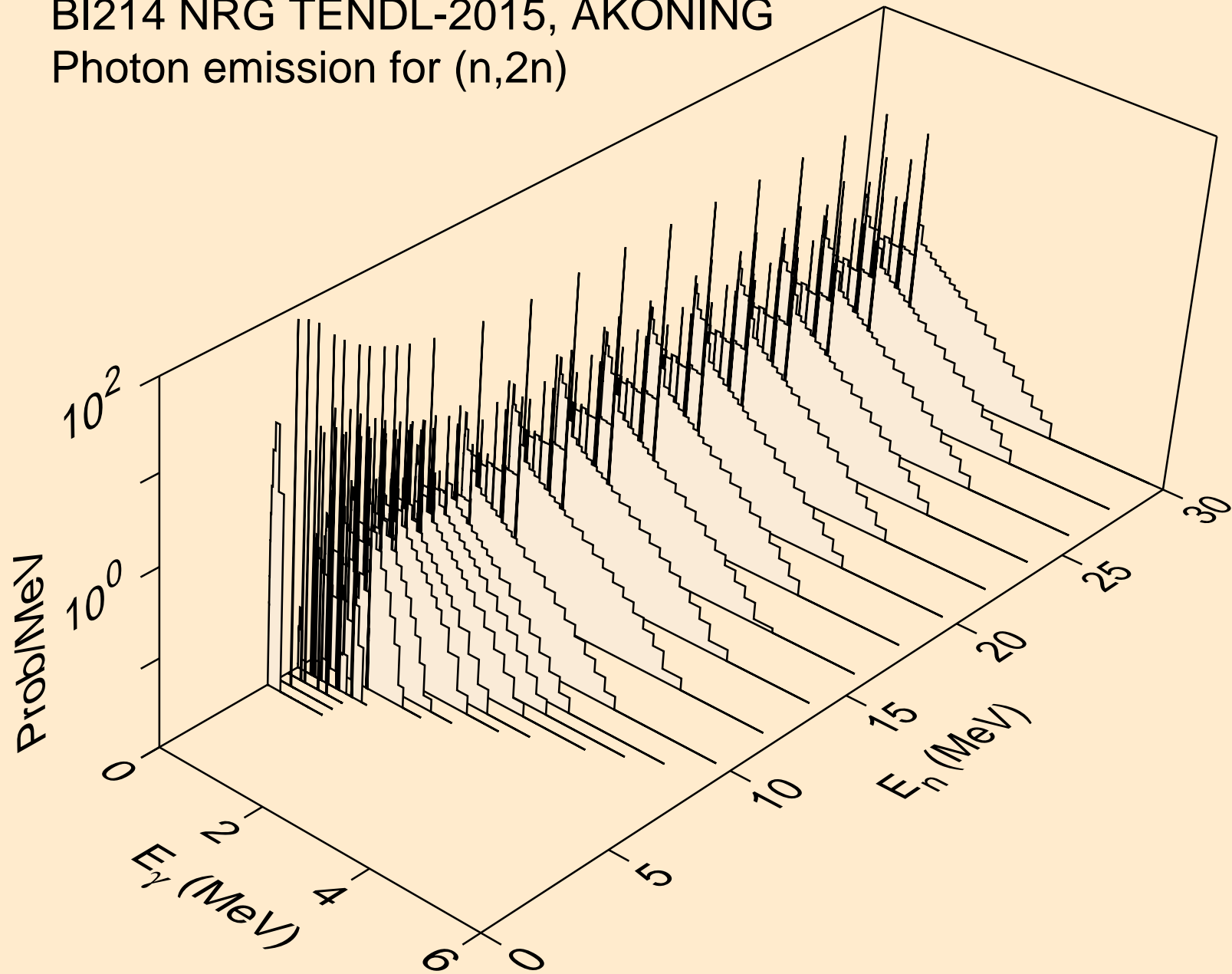




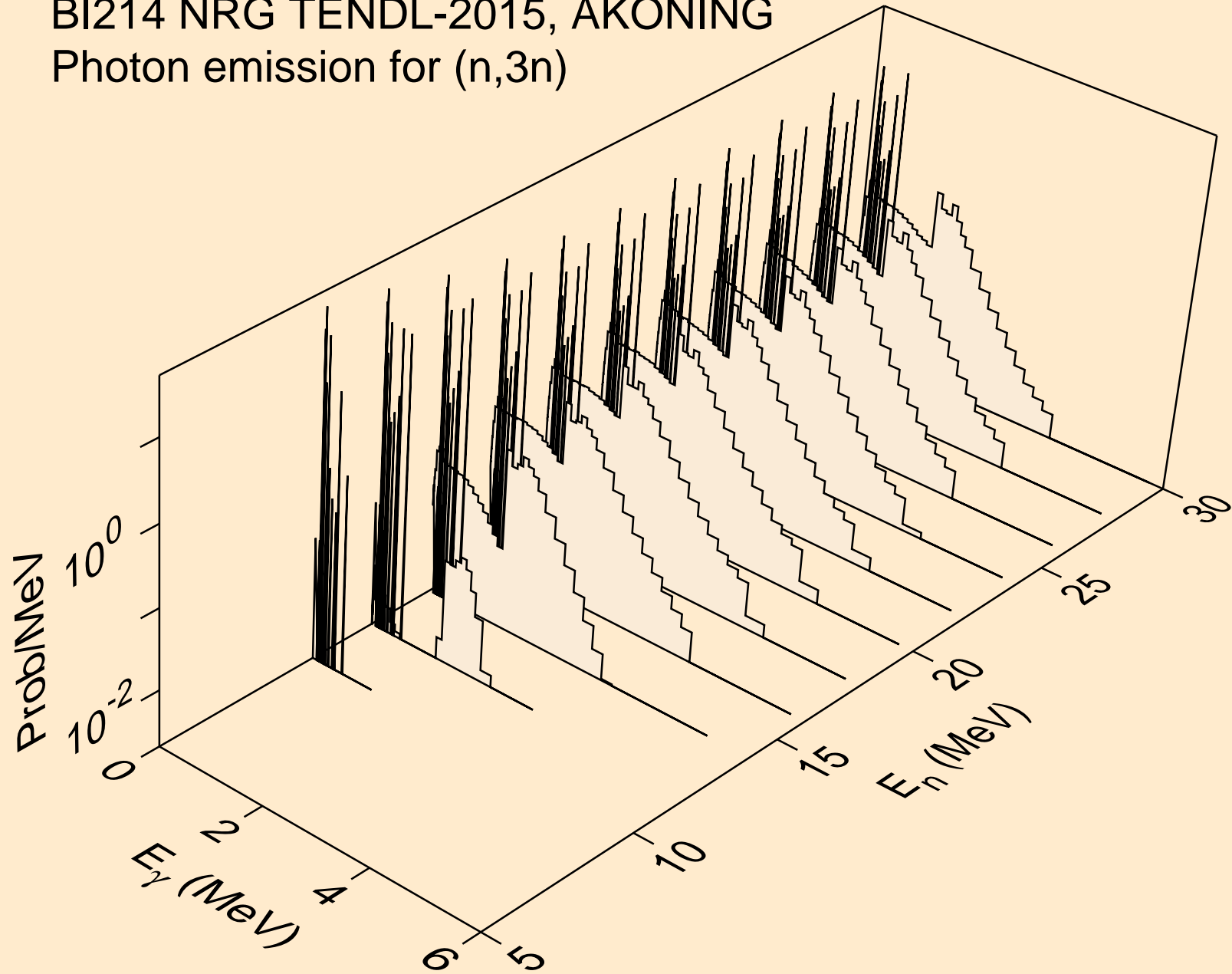
BI214 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



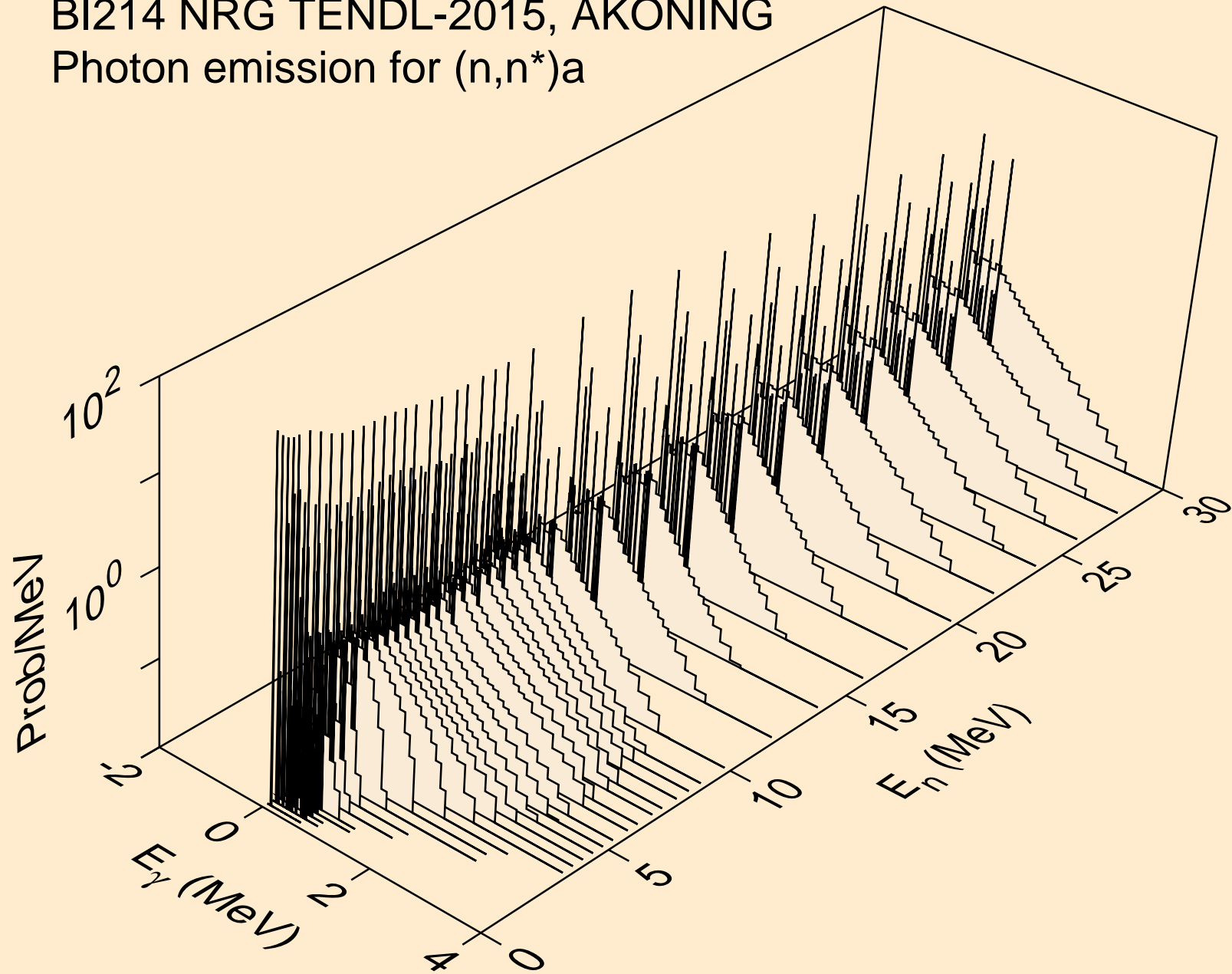
BI214 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



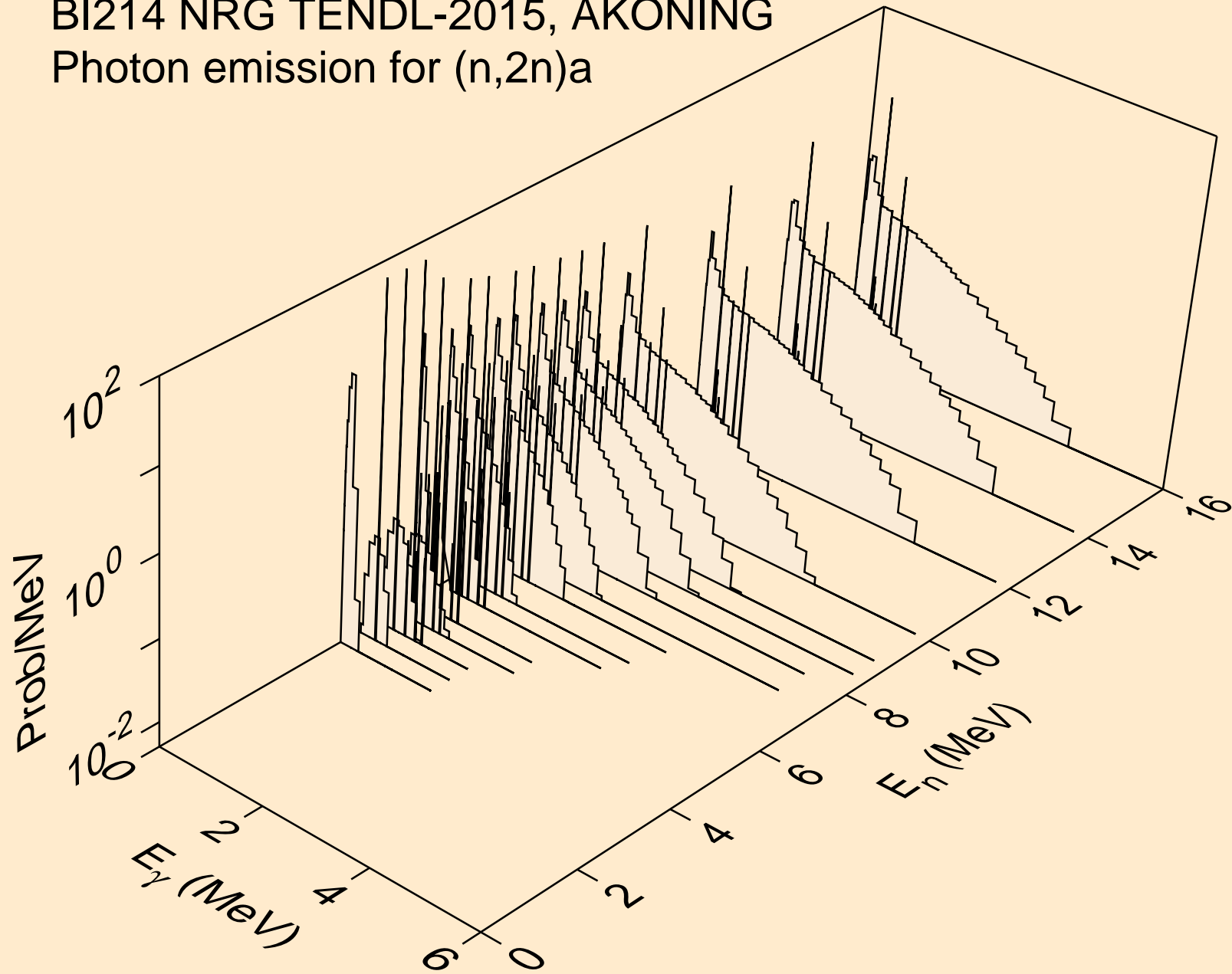
BI214 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



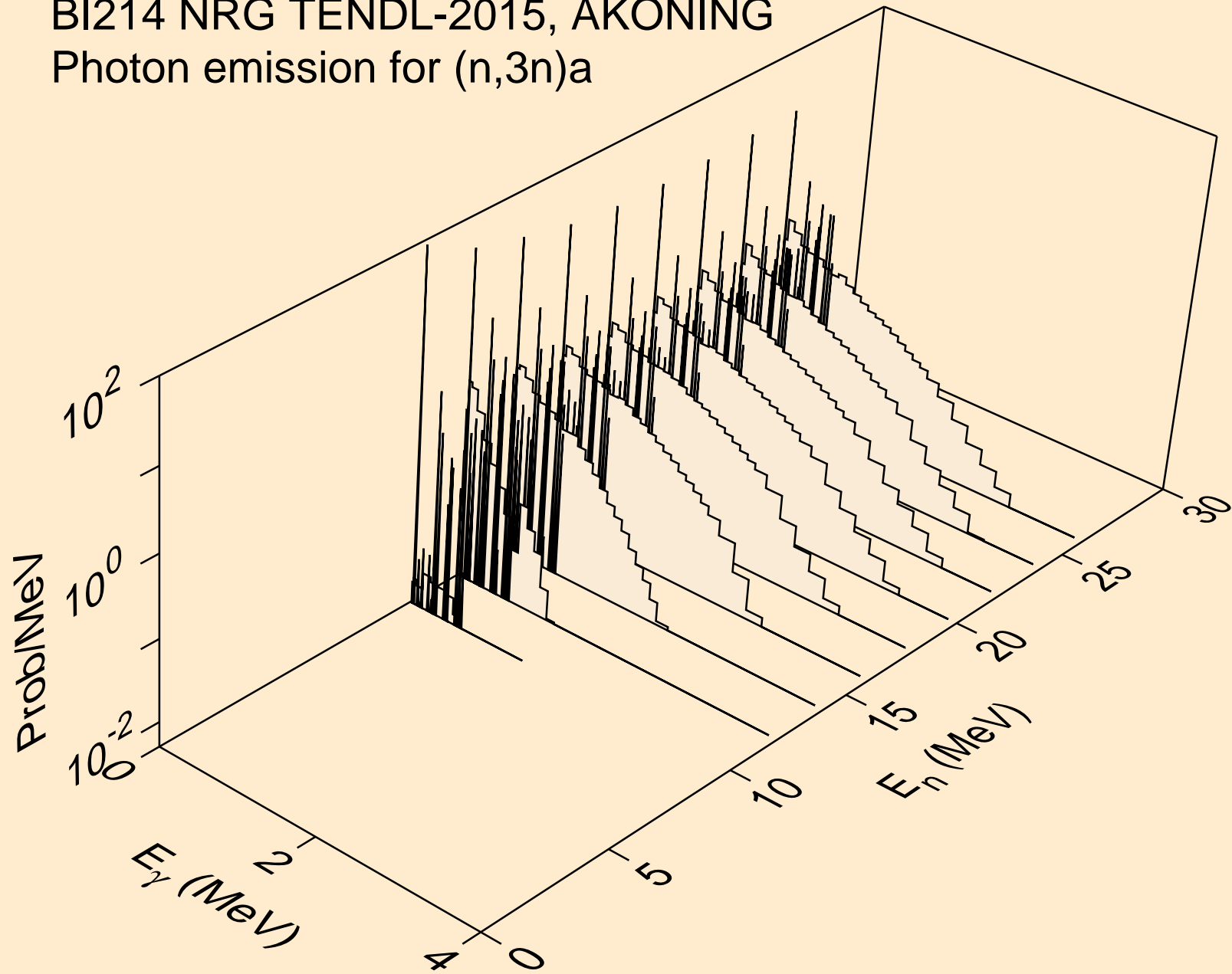
BI214 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



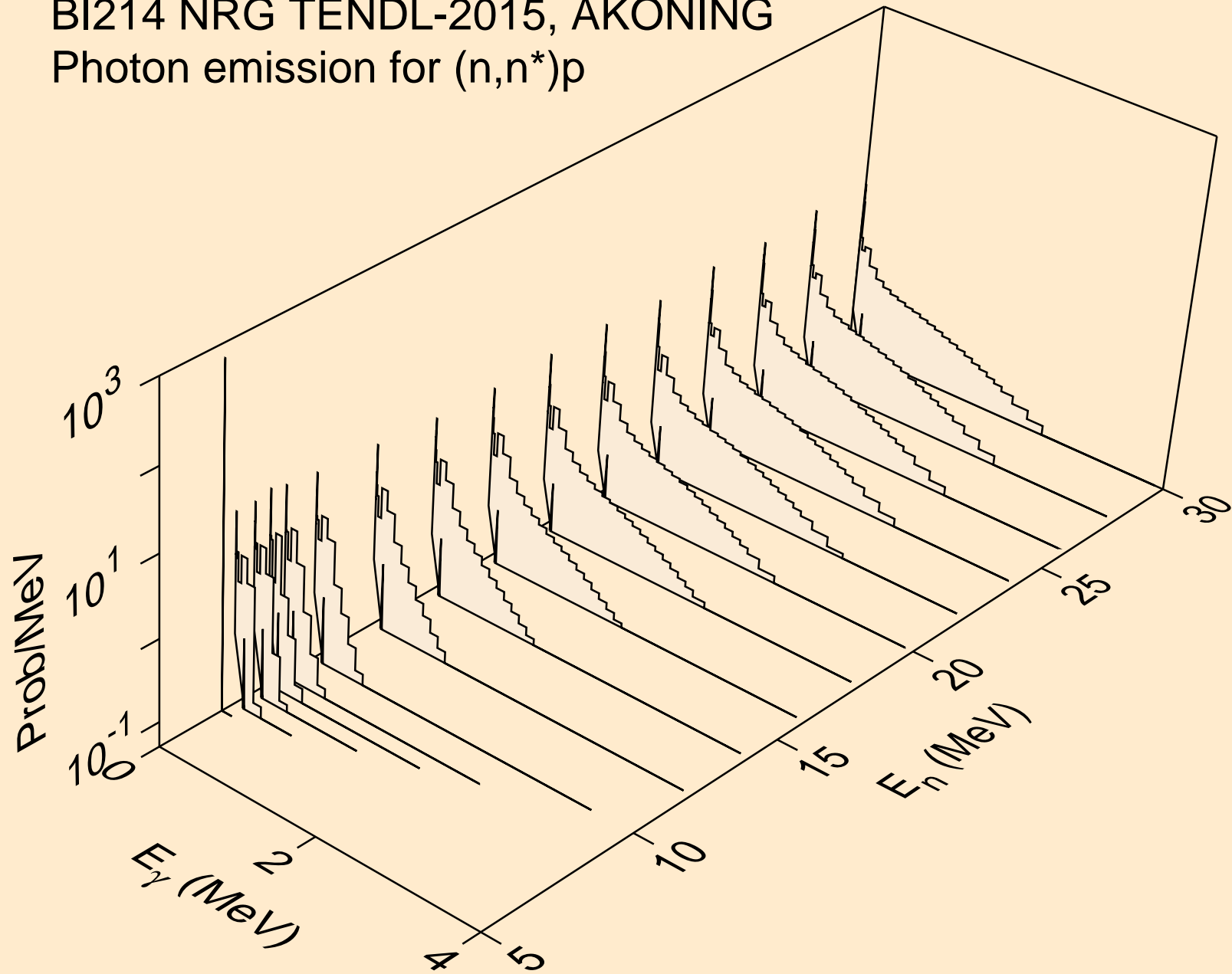
BI214 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



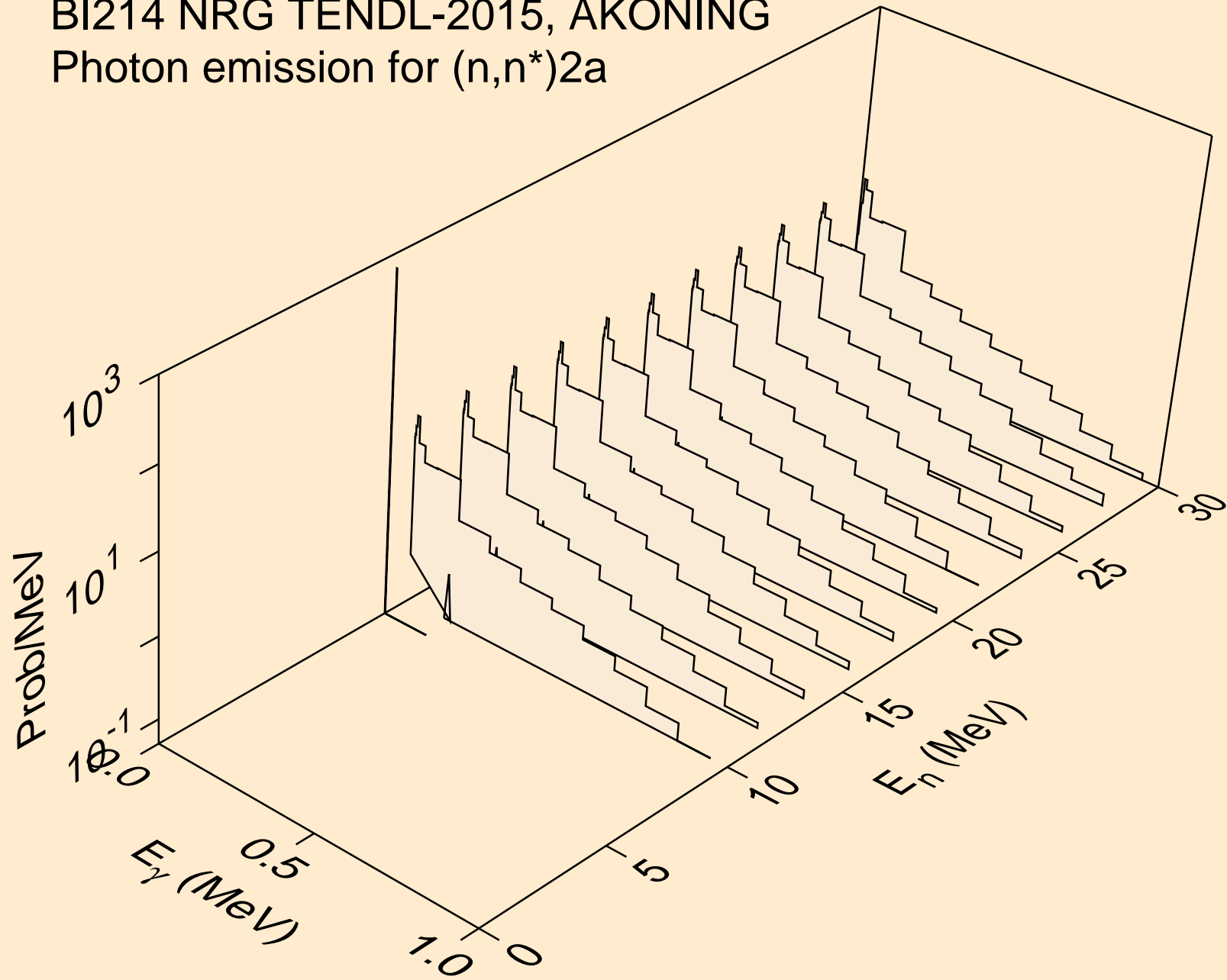
BI214 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



BI214 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p

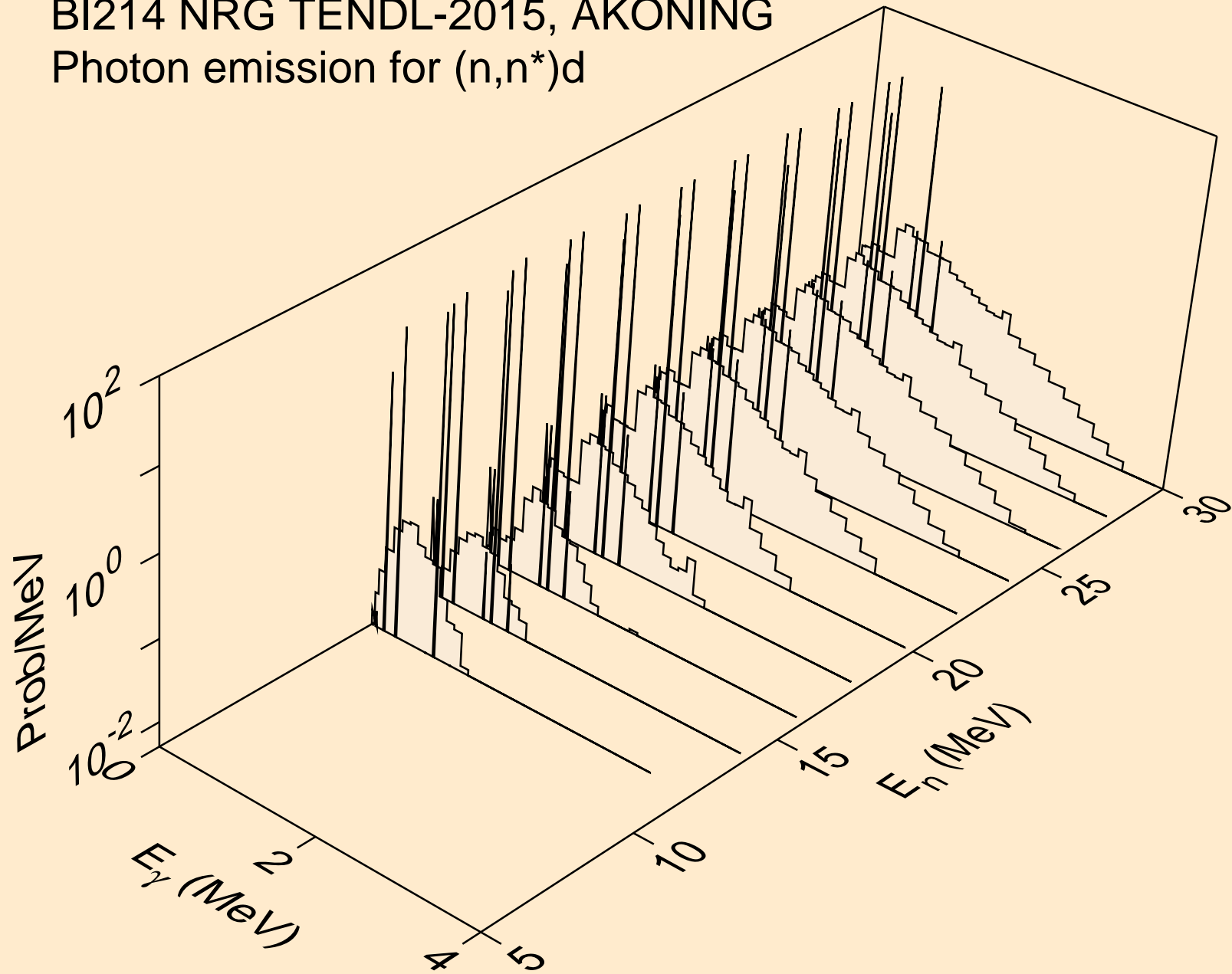


BI214 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a

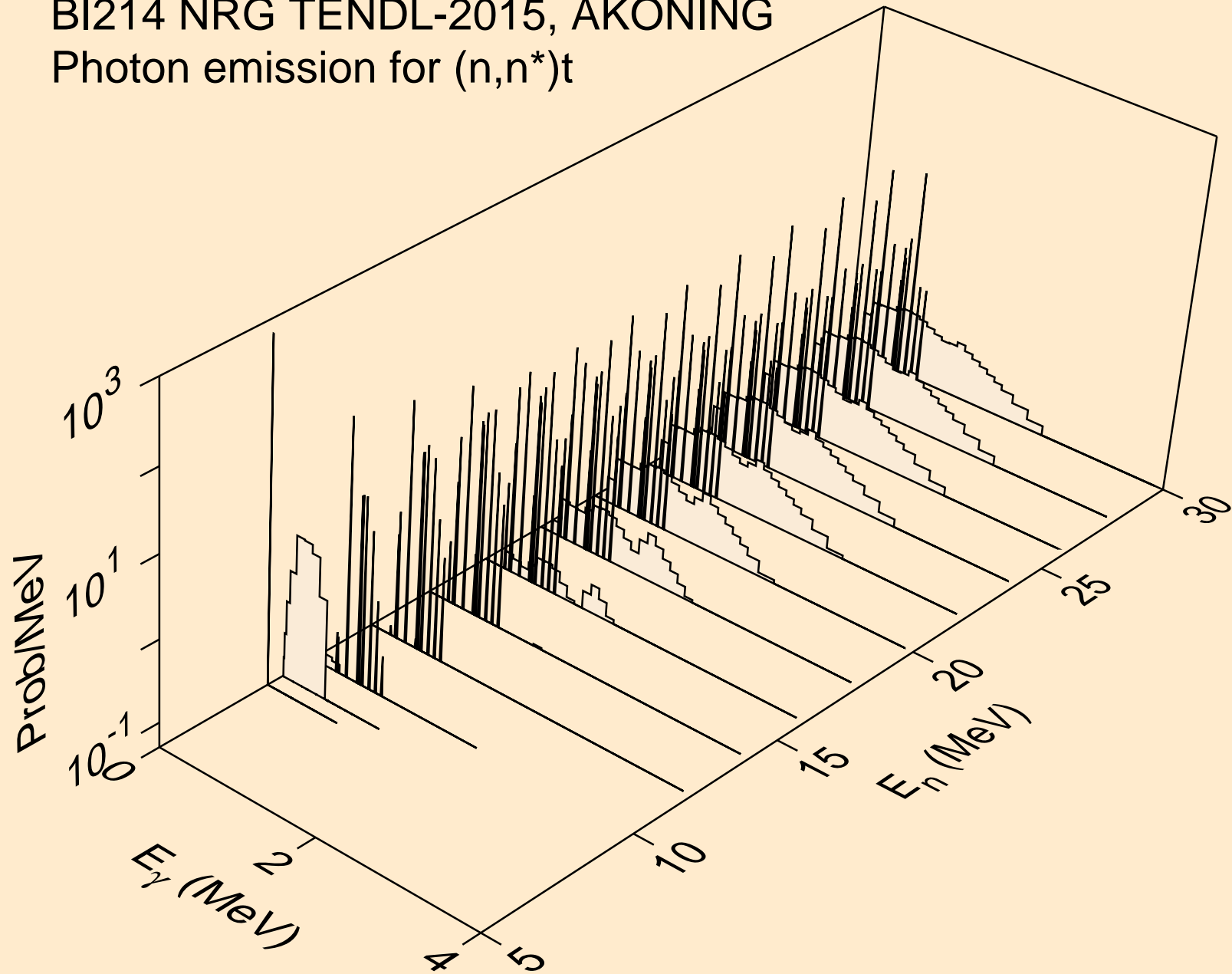




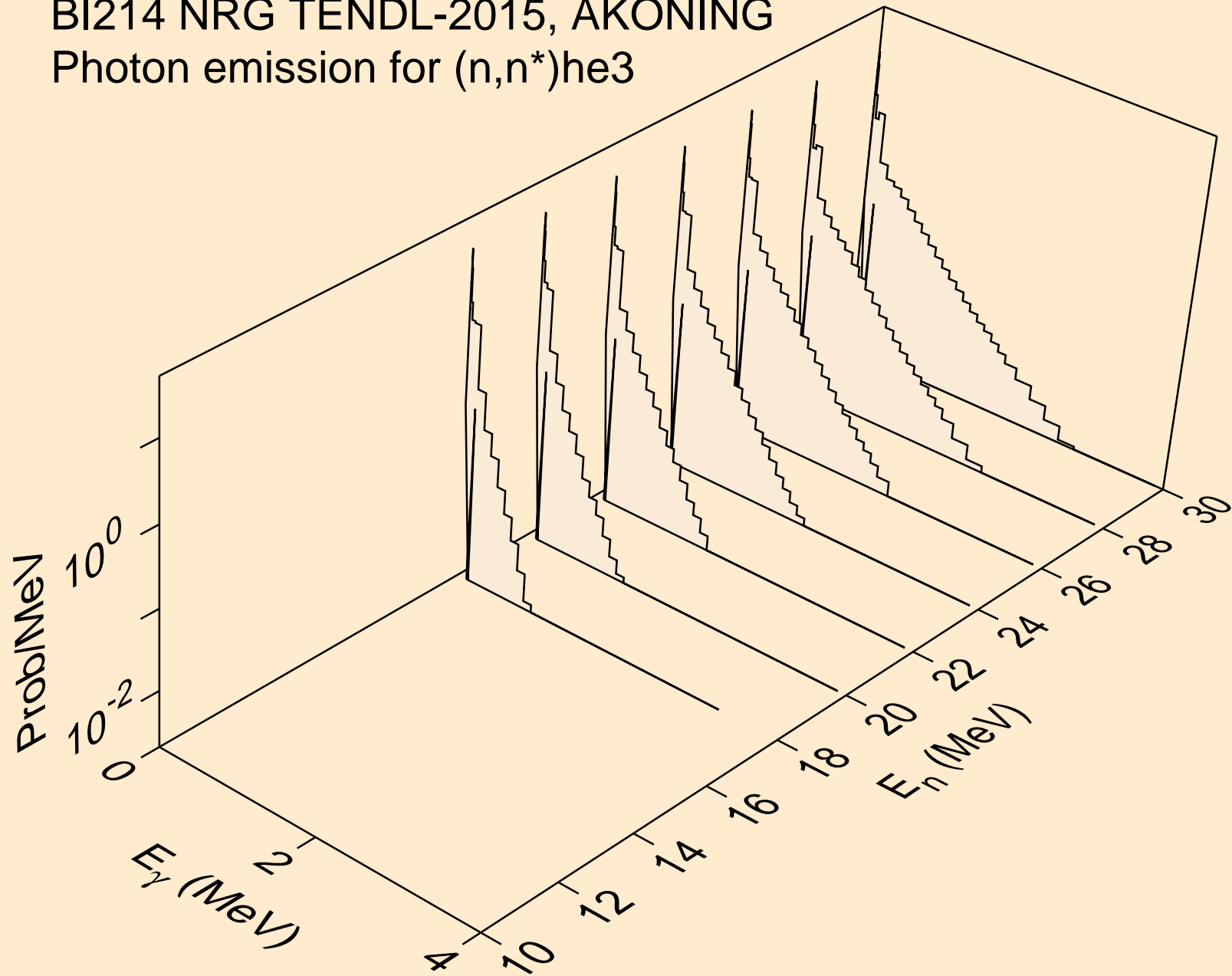
BI214 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



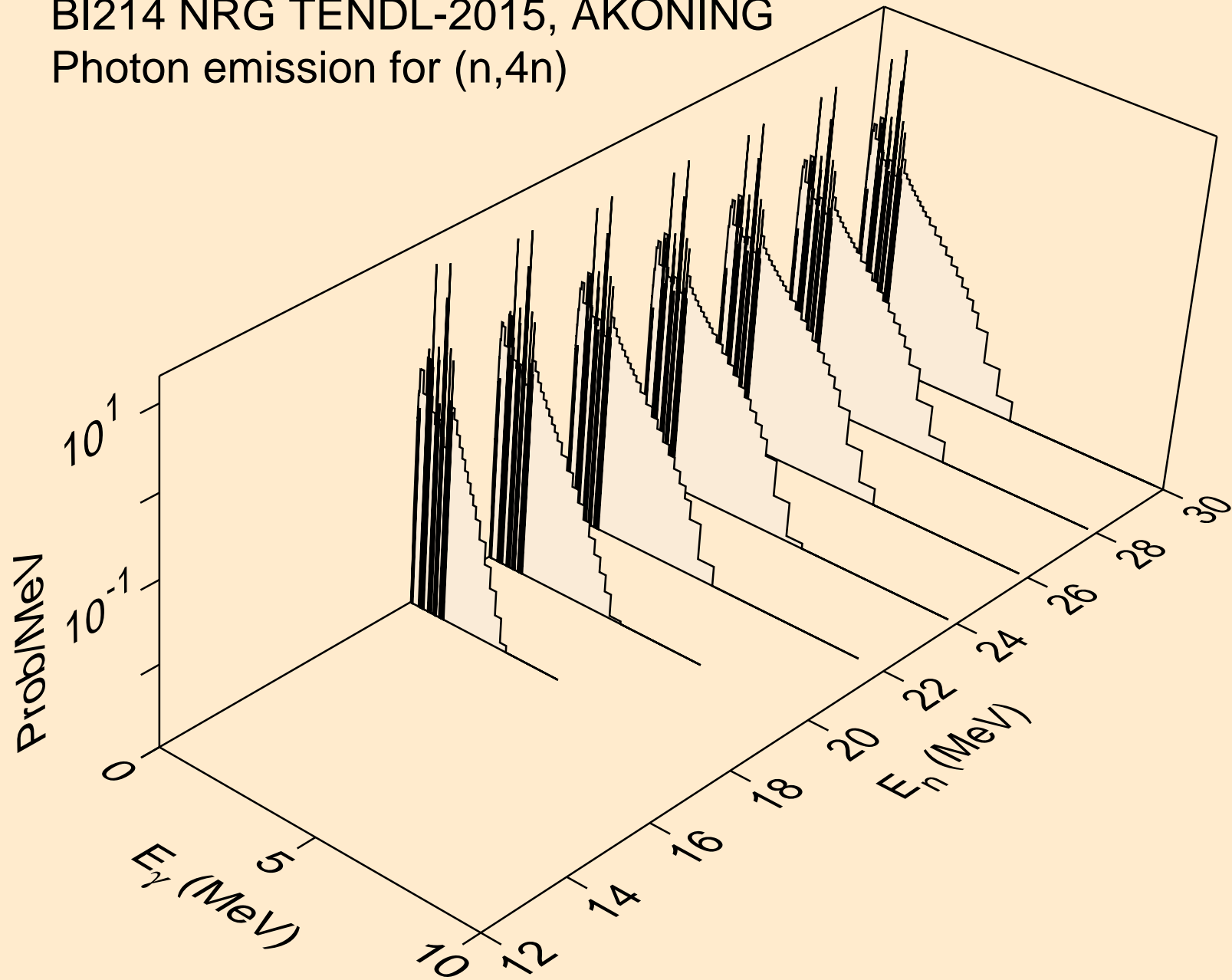
BI214 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



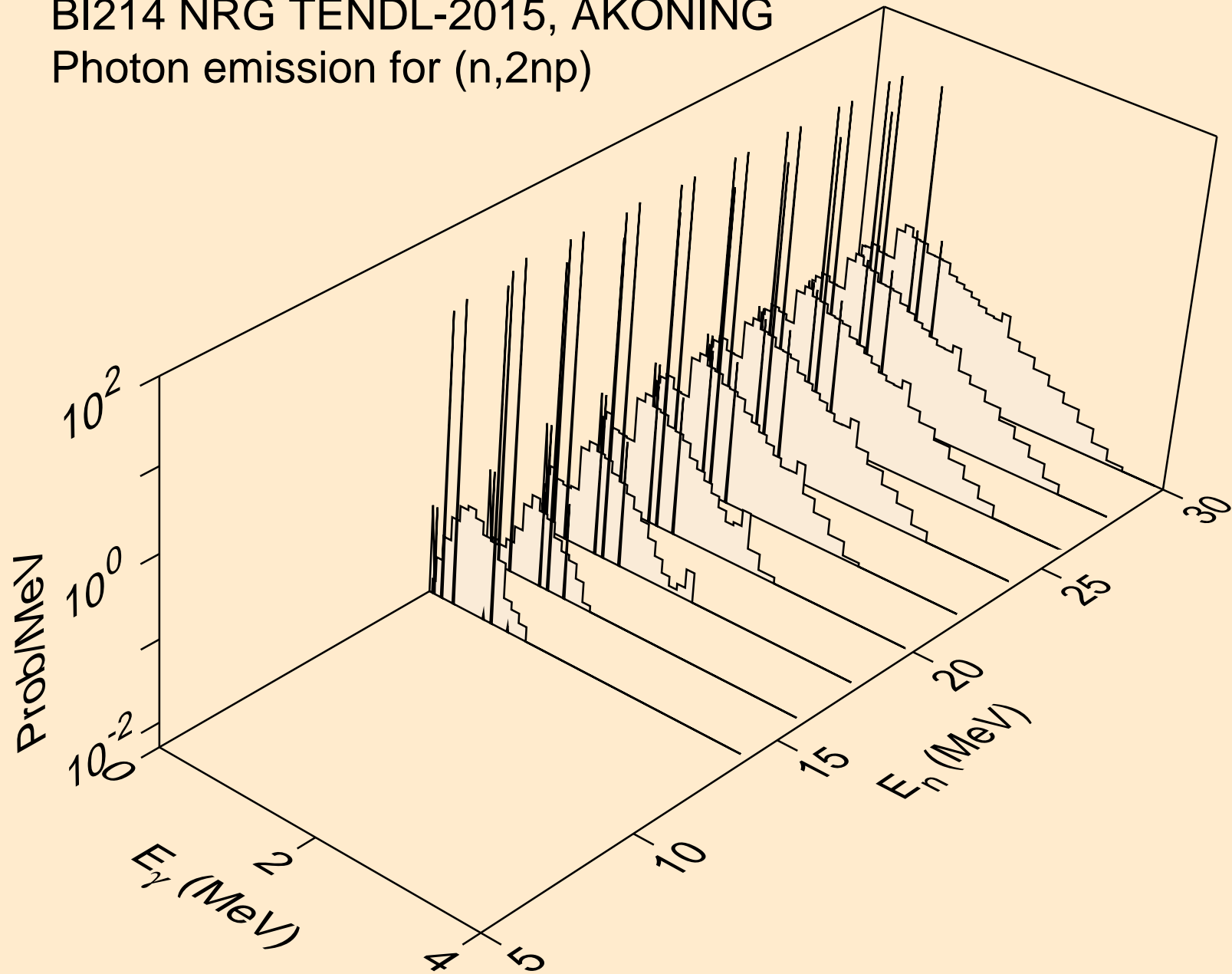
BI214 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



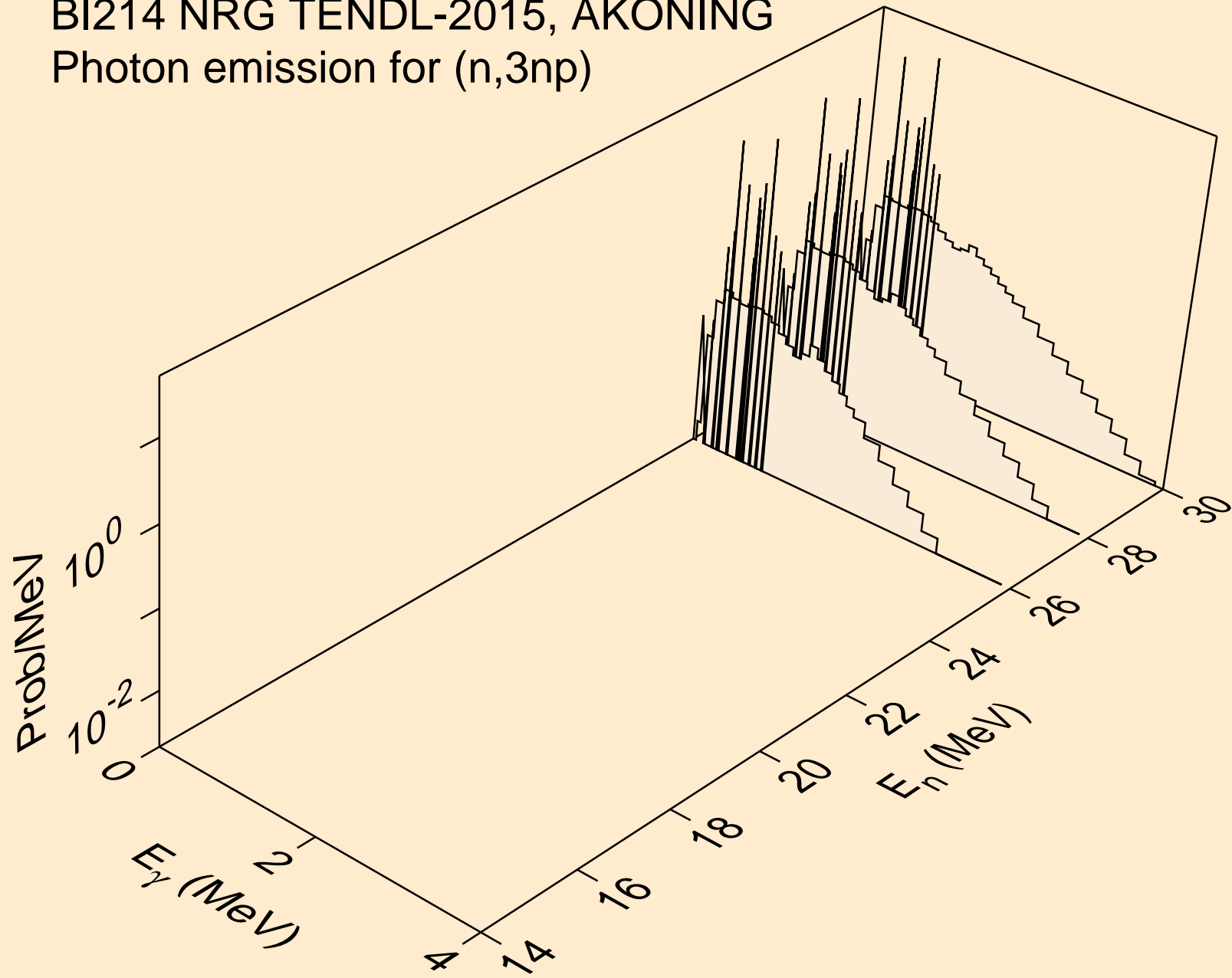
BI214 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



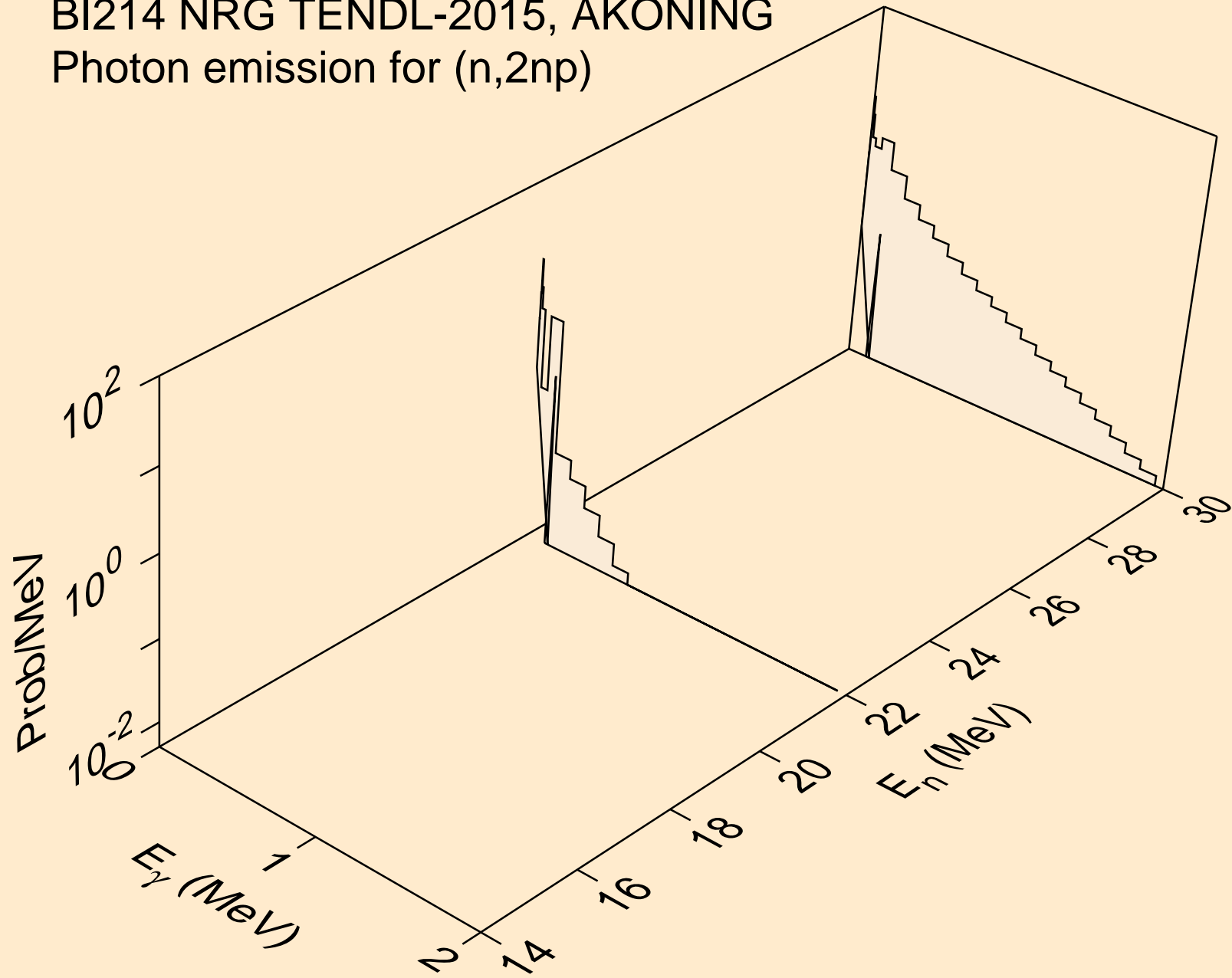
BI214 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



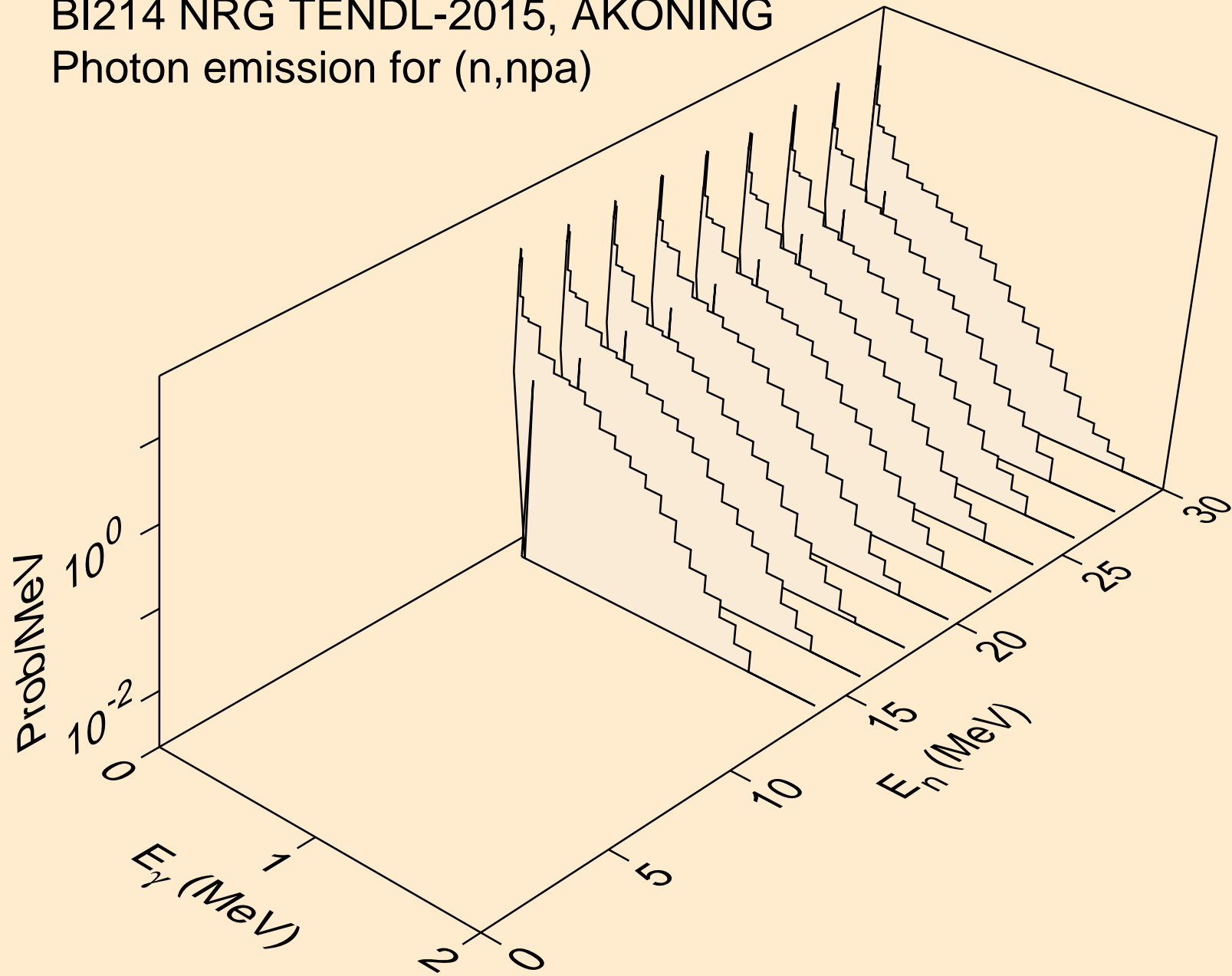
BI214 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



BI214 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

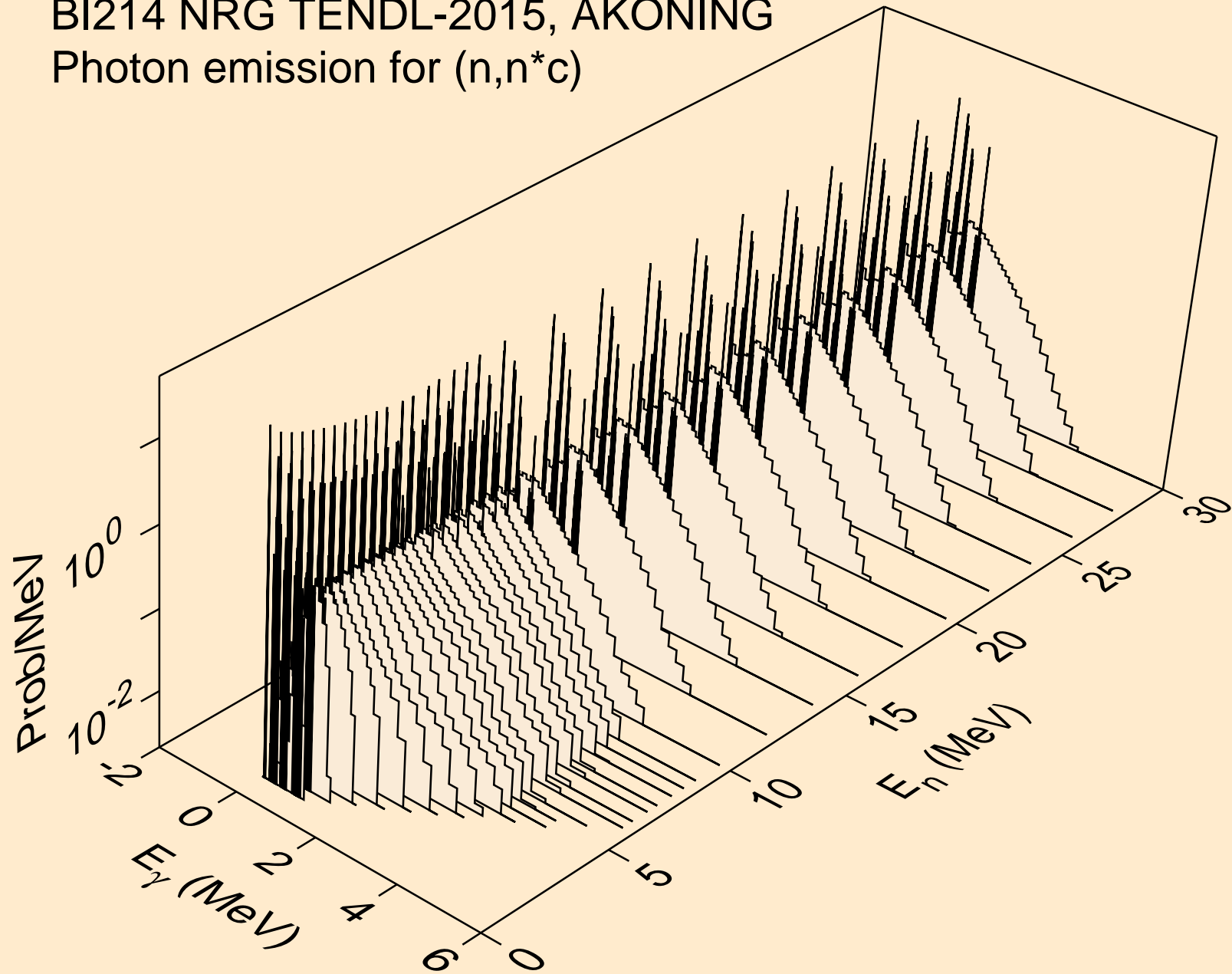


BI214 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)

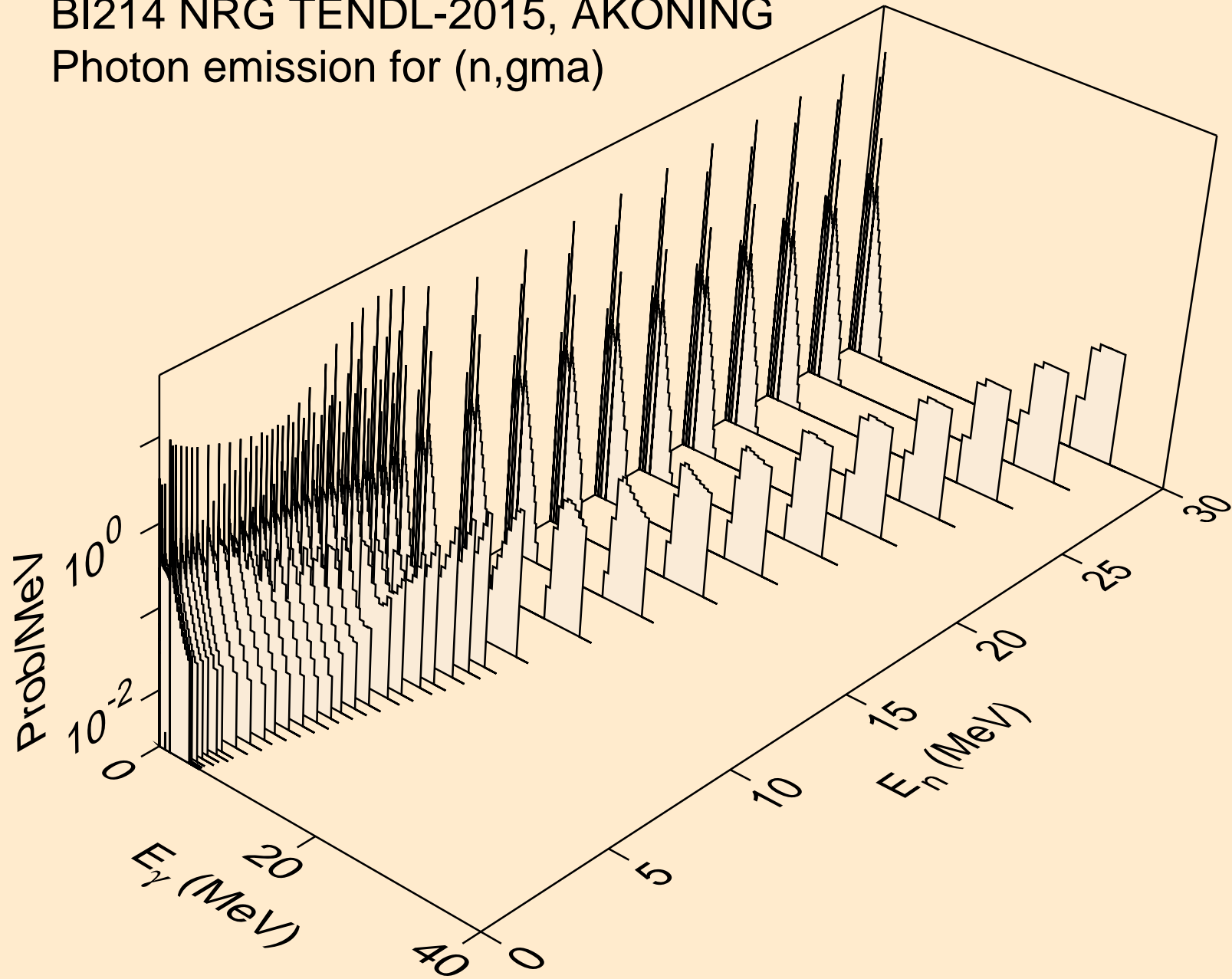




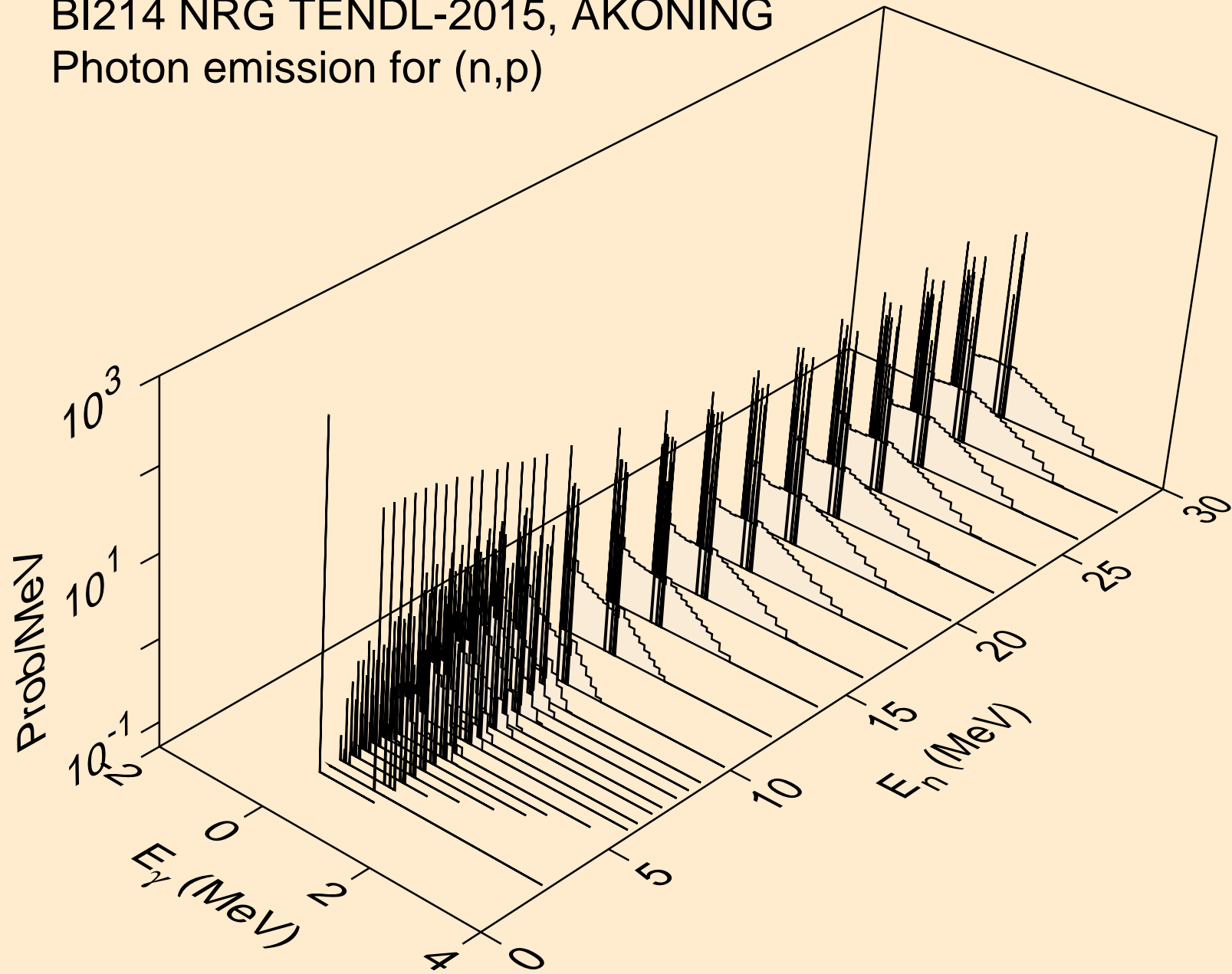
BI214 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



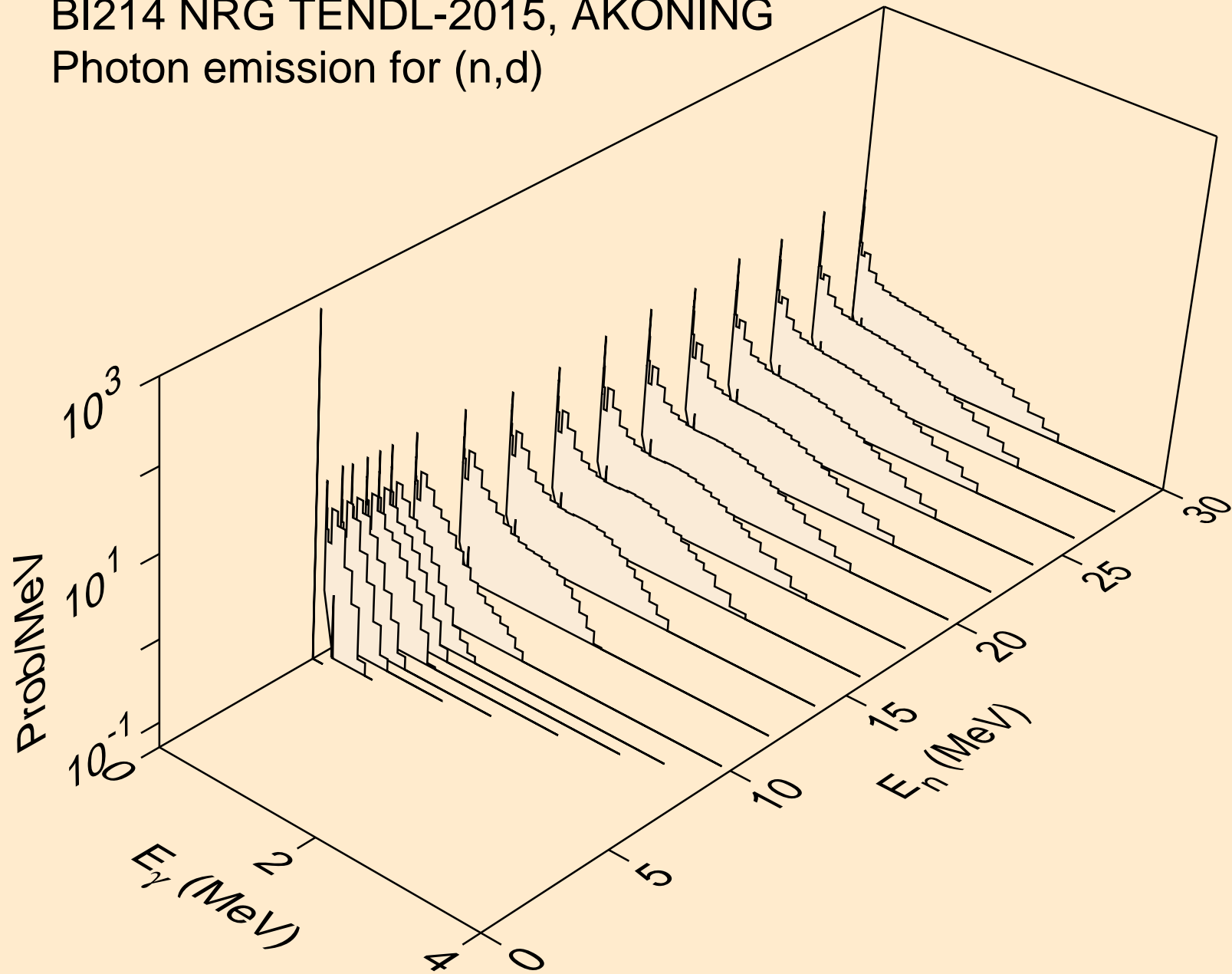
BI214 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



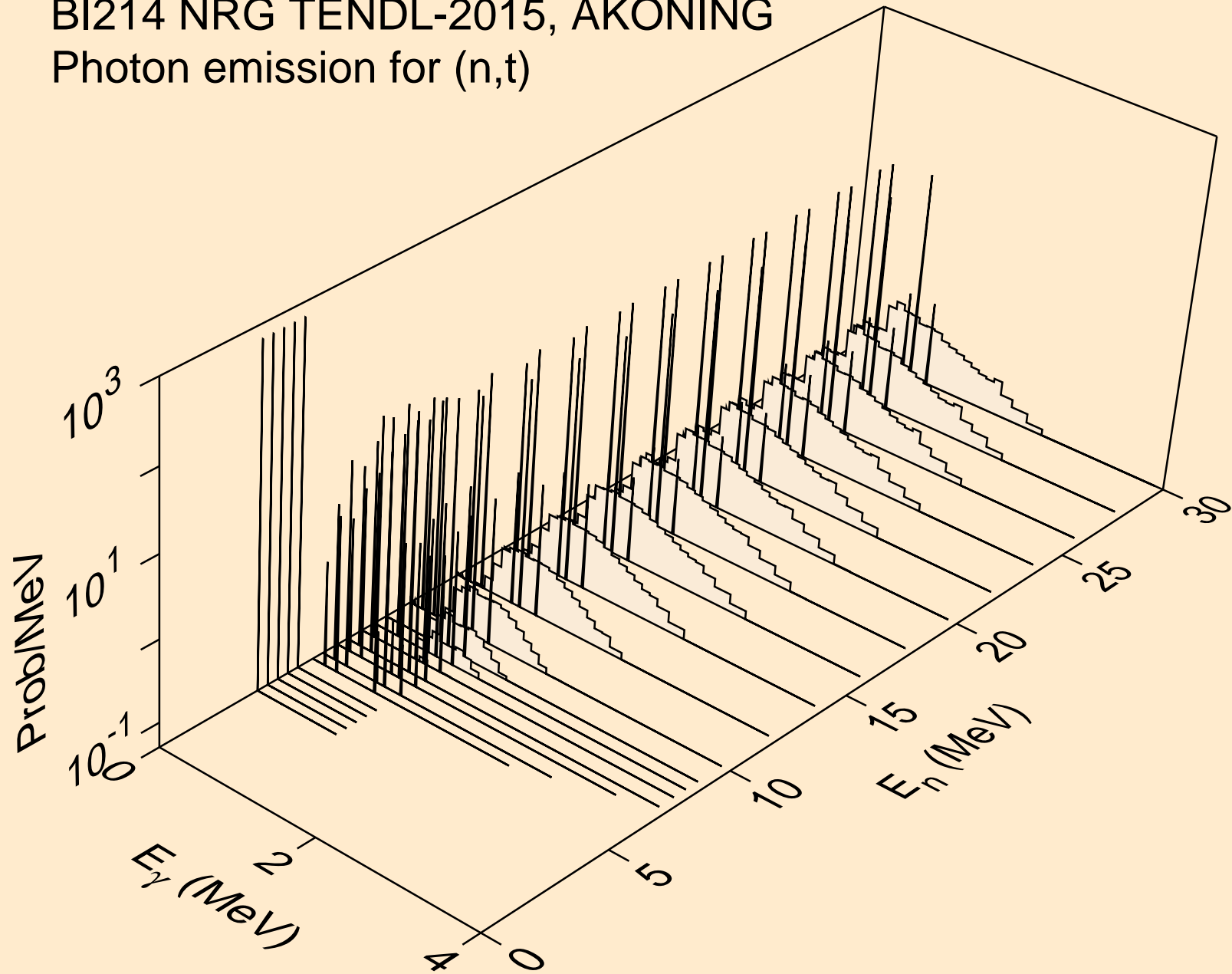
BI214 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



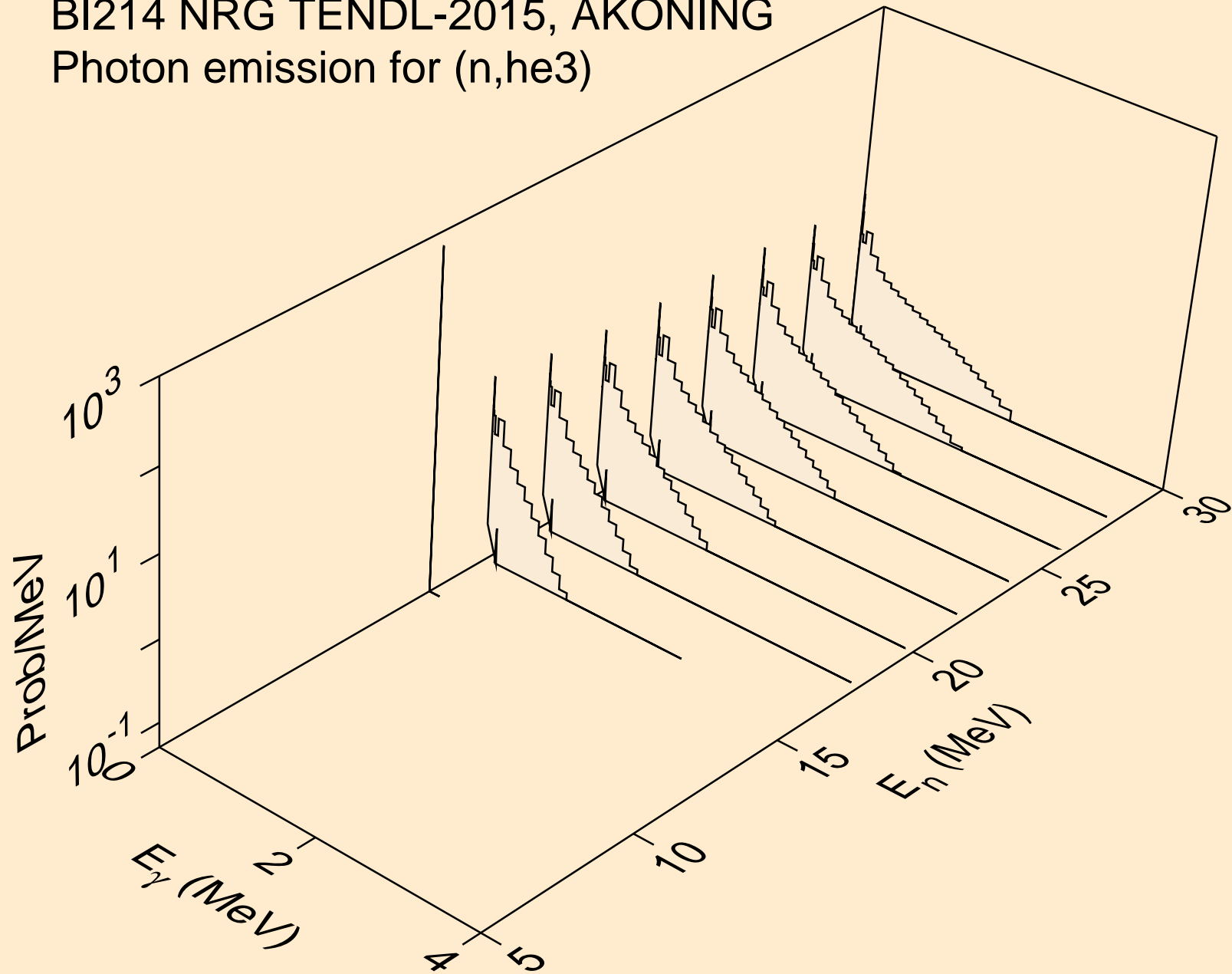
BI214 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



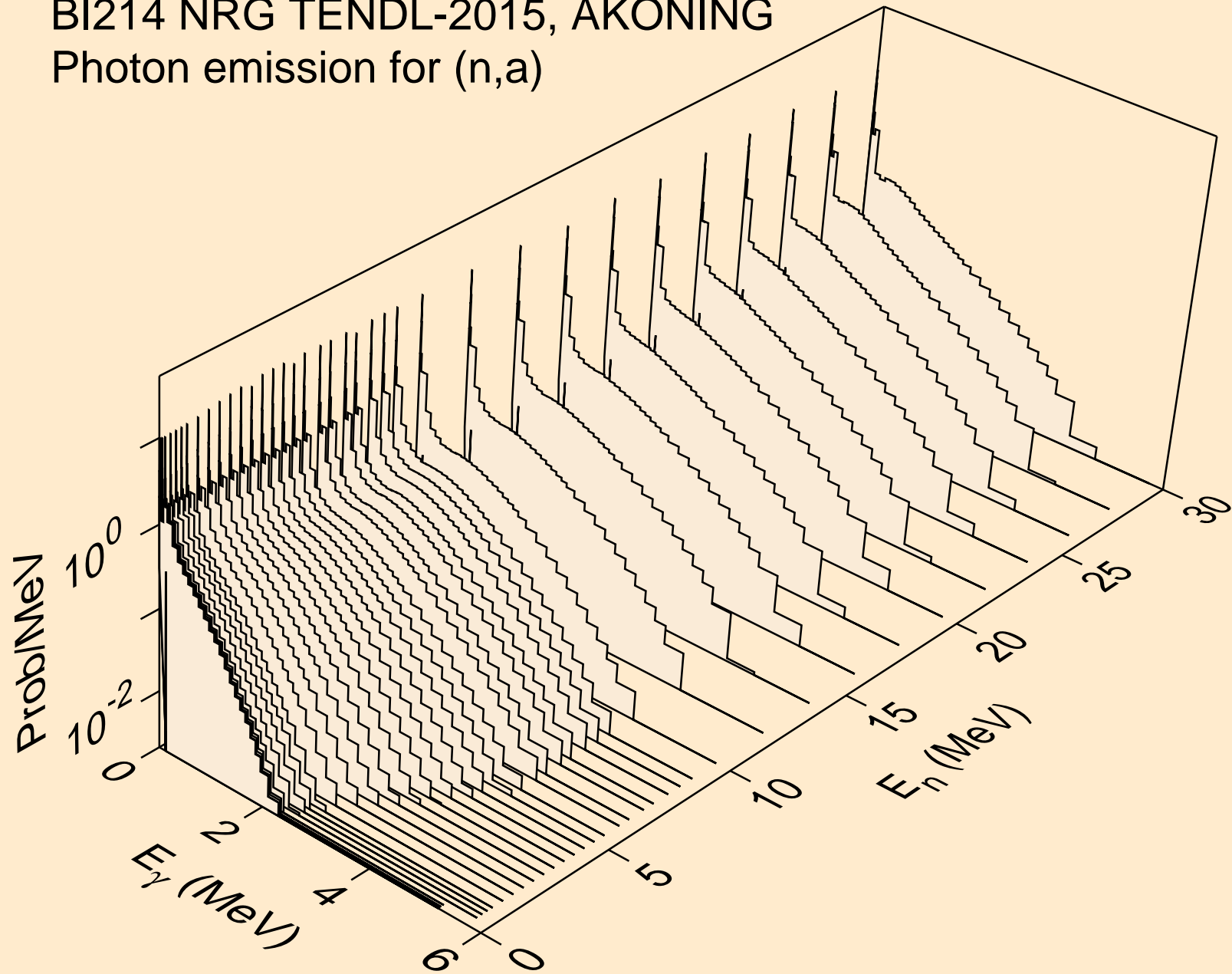
BI214 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



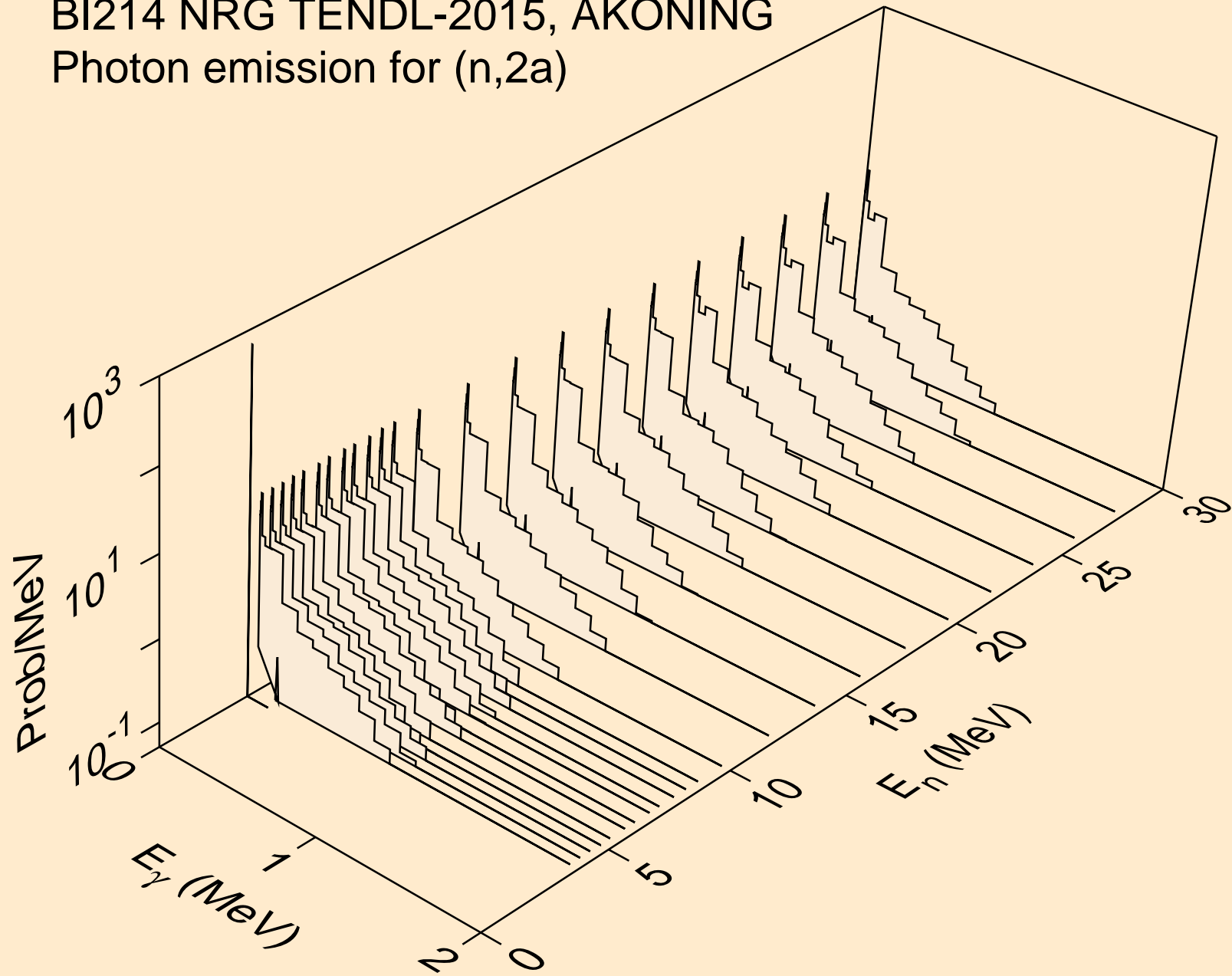
BI214 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



BI214 NRG TENDL-2015, AKONING  
Photon emission for (n,a)

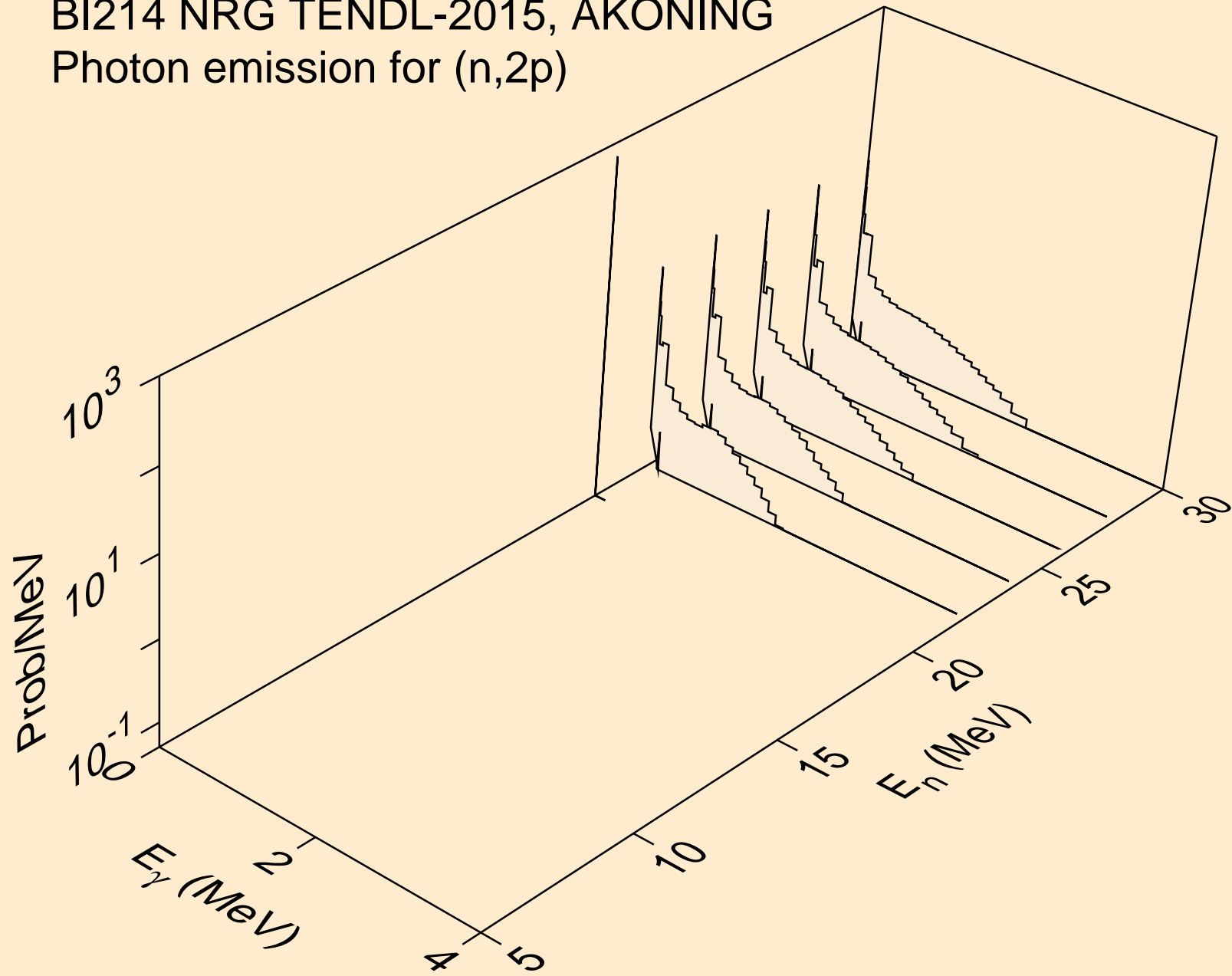


BI214 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)

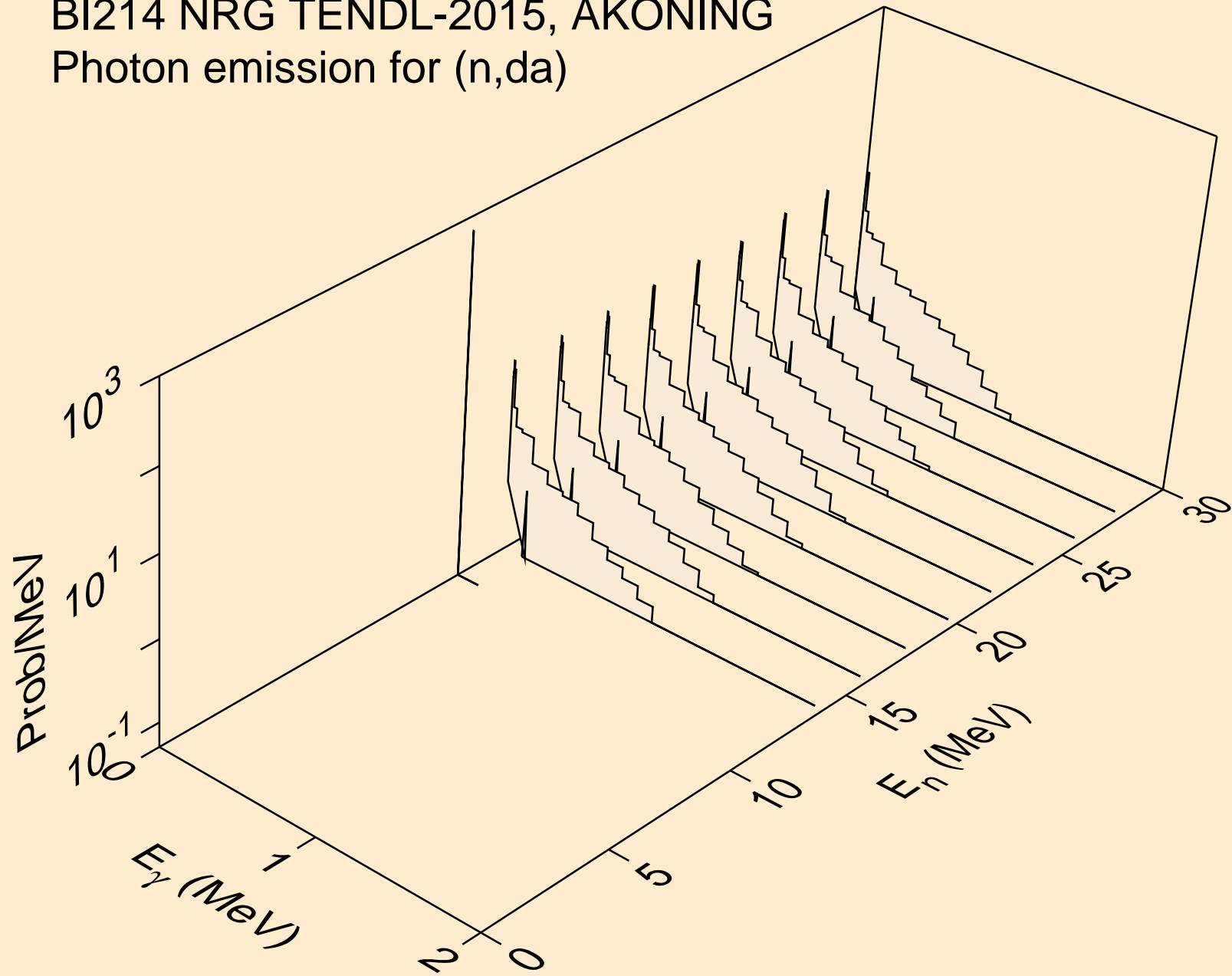




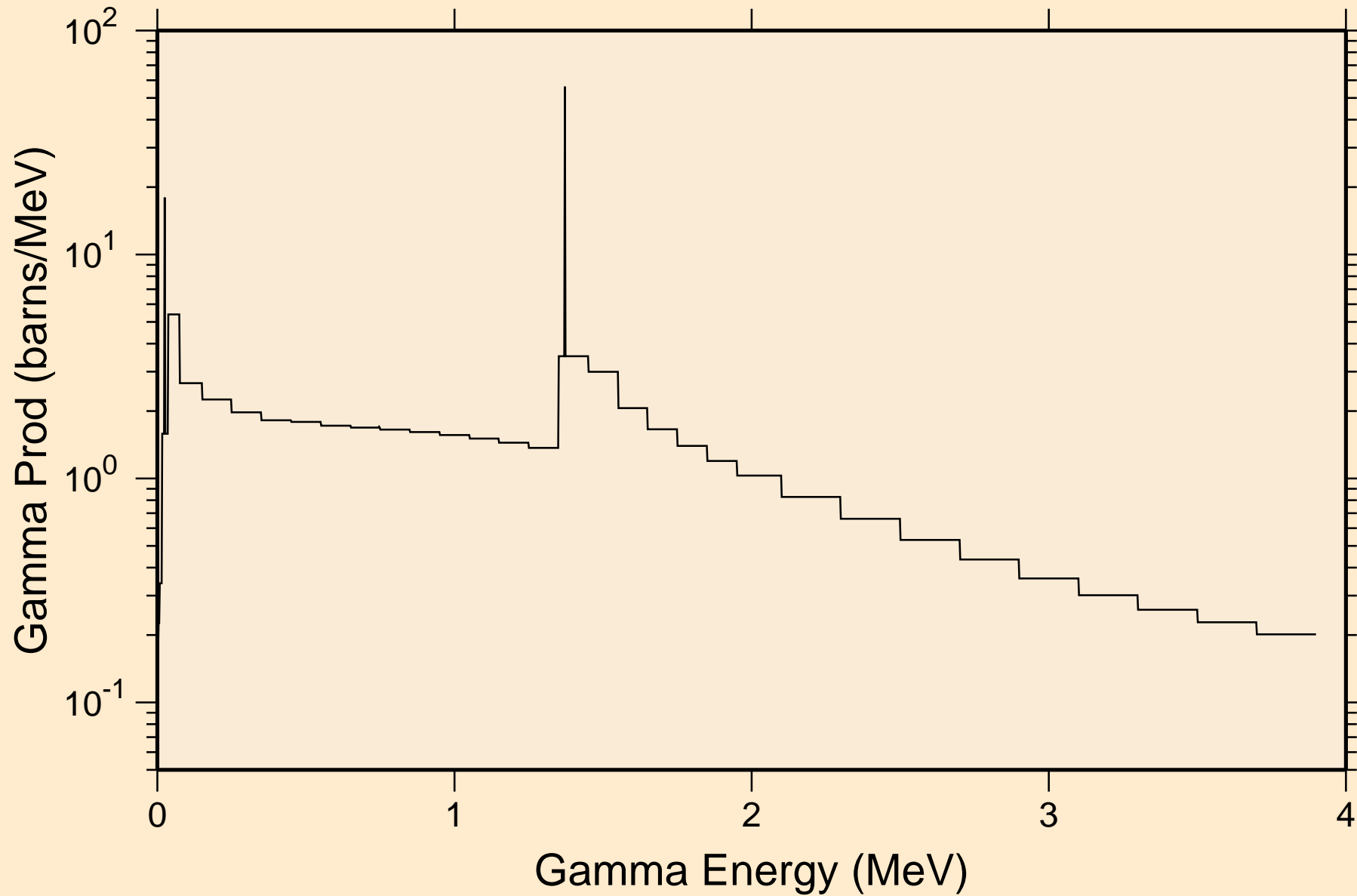
BI214 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



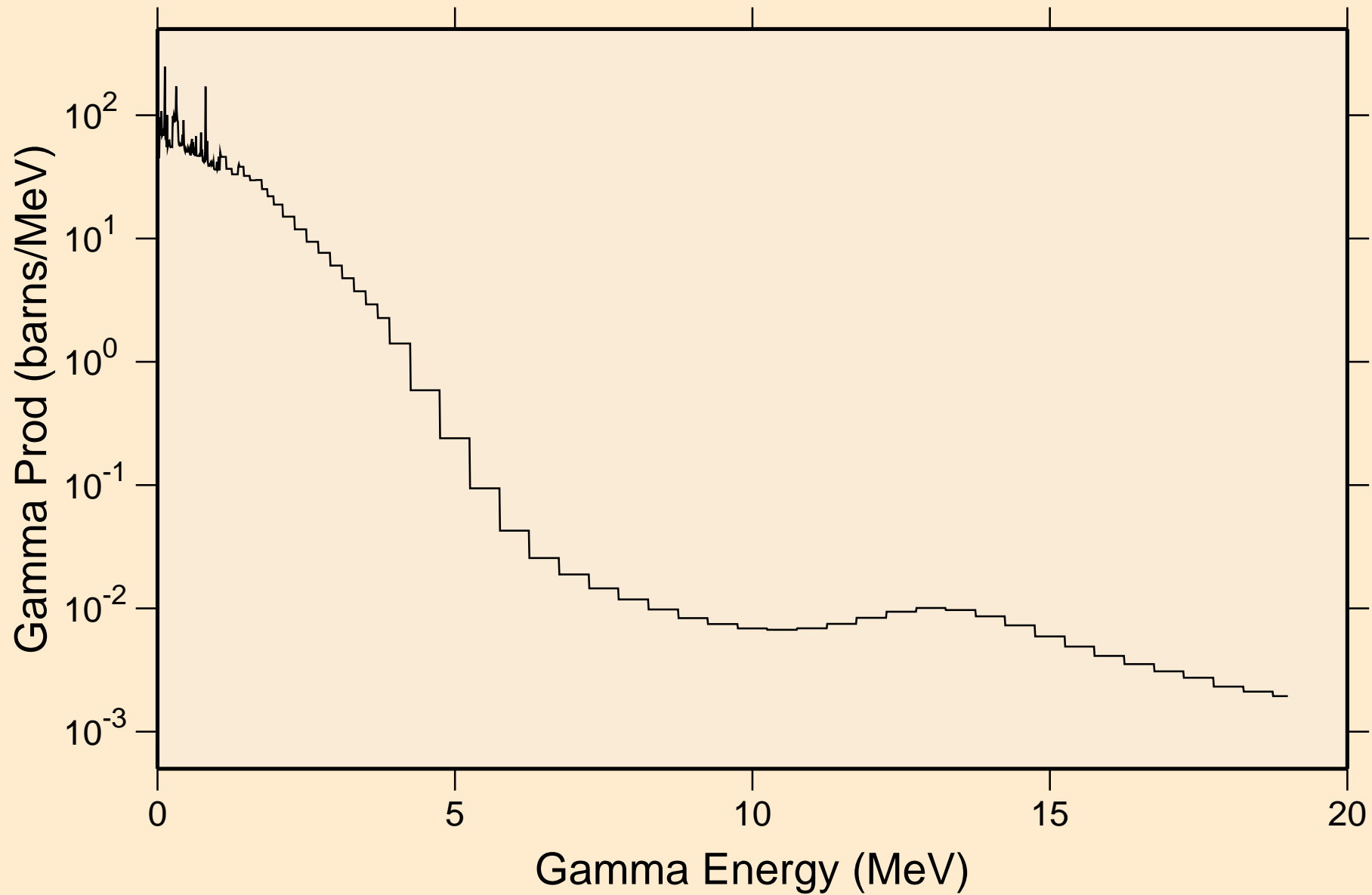
BI214 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



BI214 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

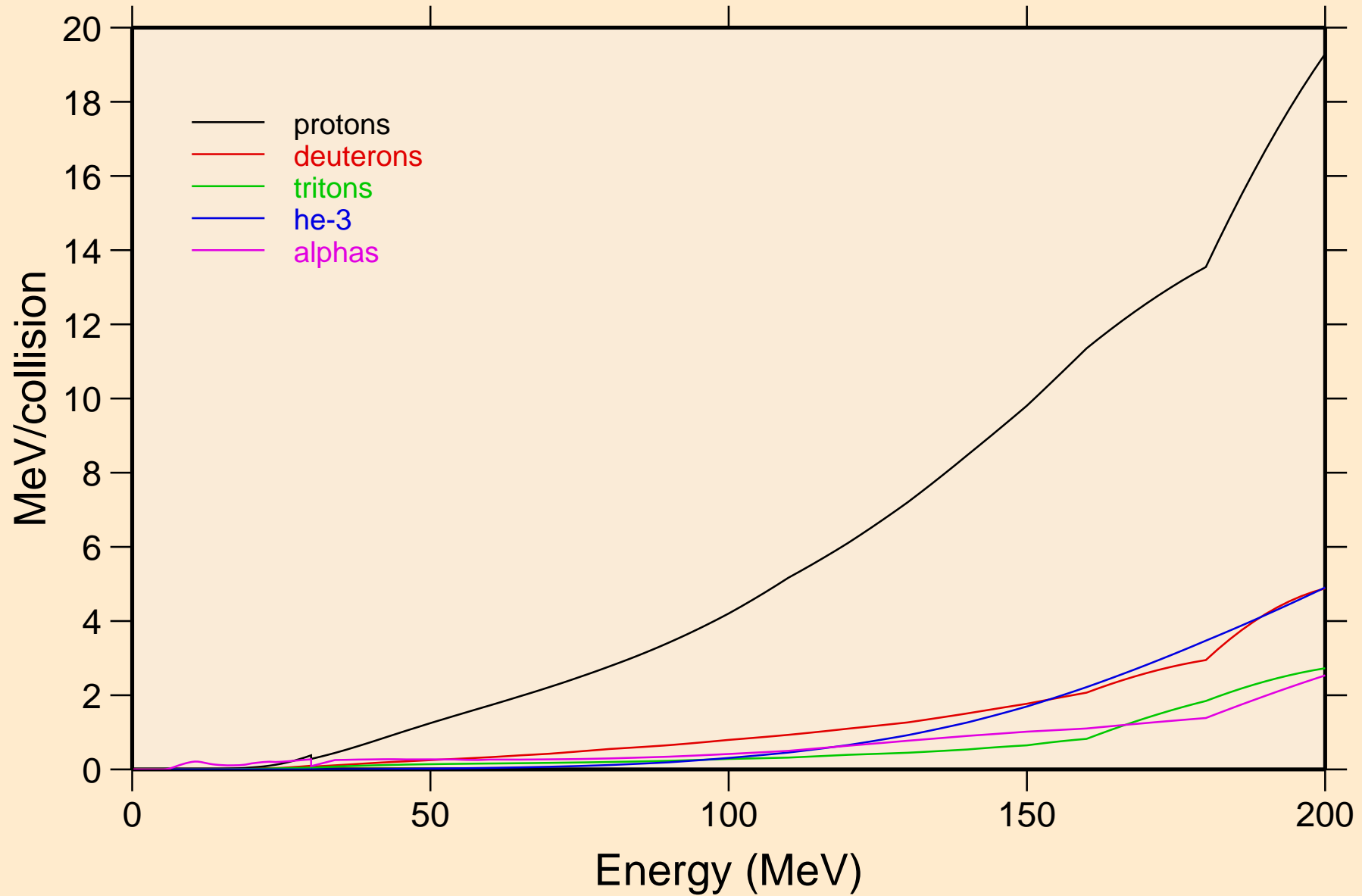


BI214 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



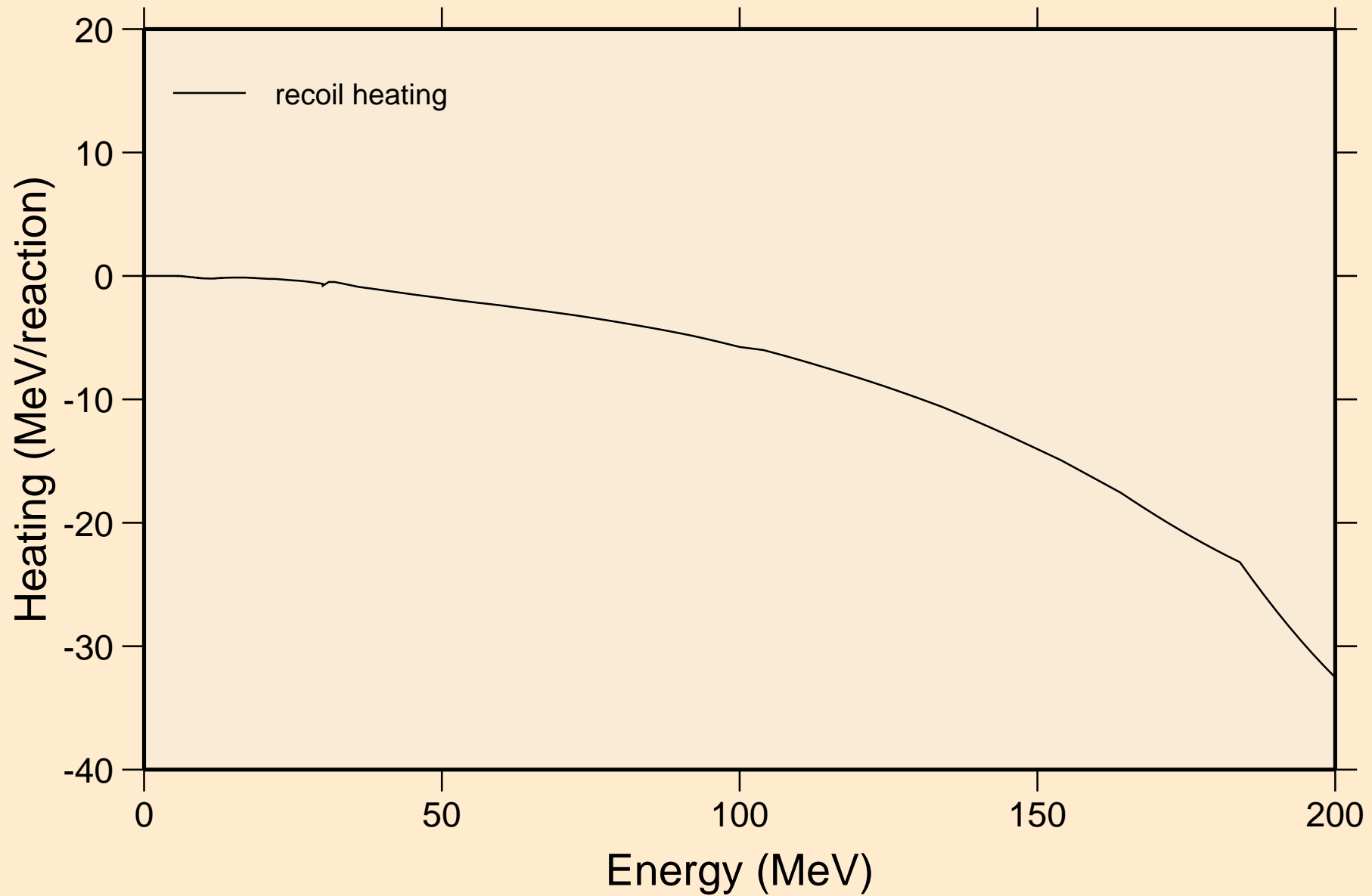
# BI214 NRG TENDL-2015, AKONING

## Particle heating contributions



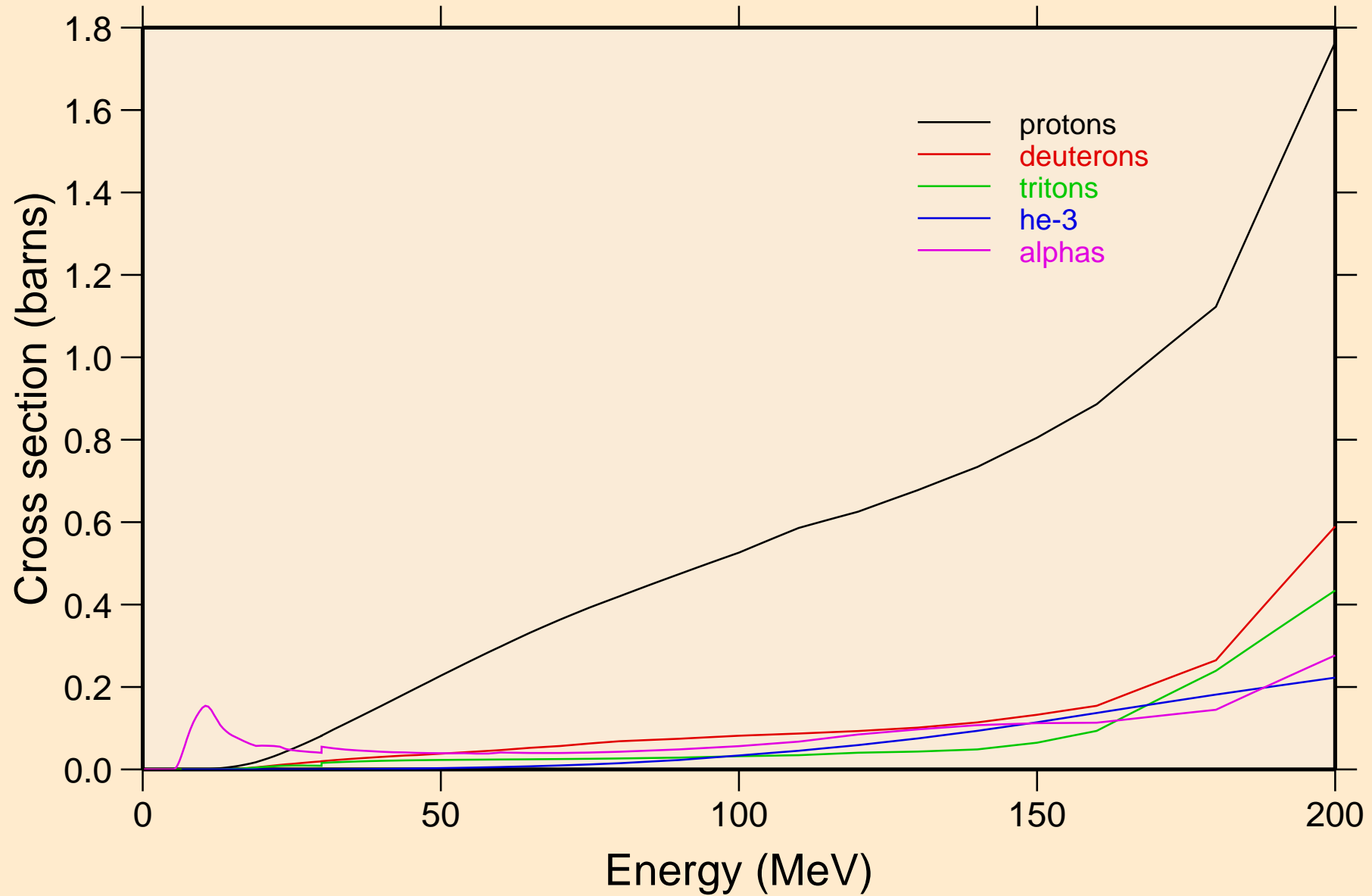
# BI214 NRG TENDL-2015, AKONING

## Recoil Heating

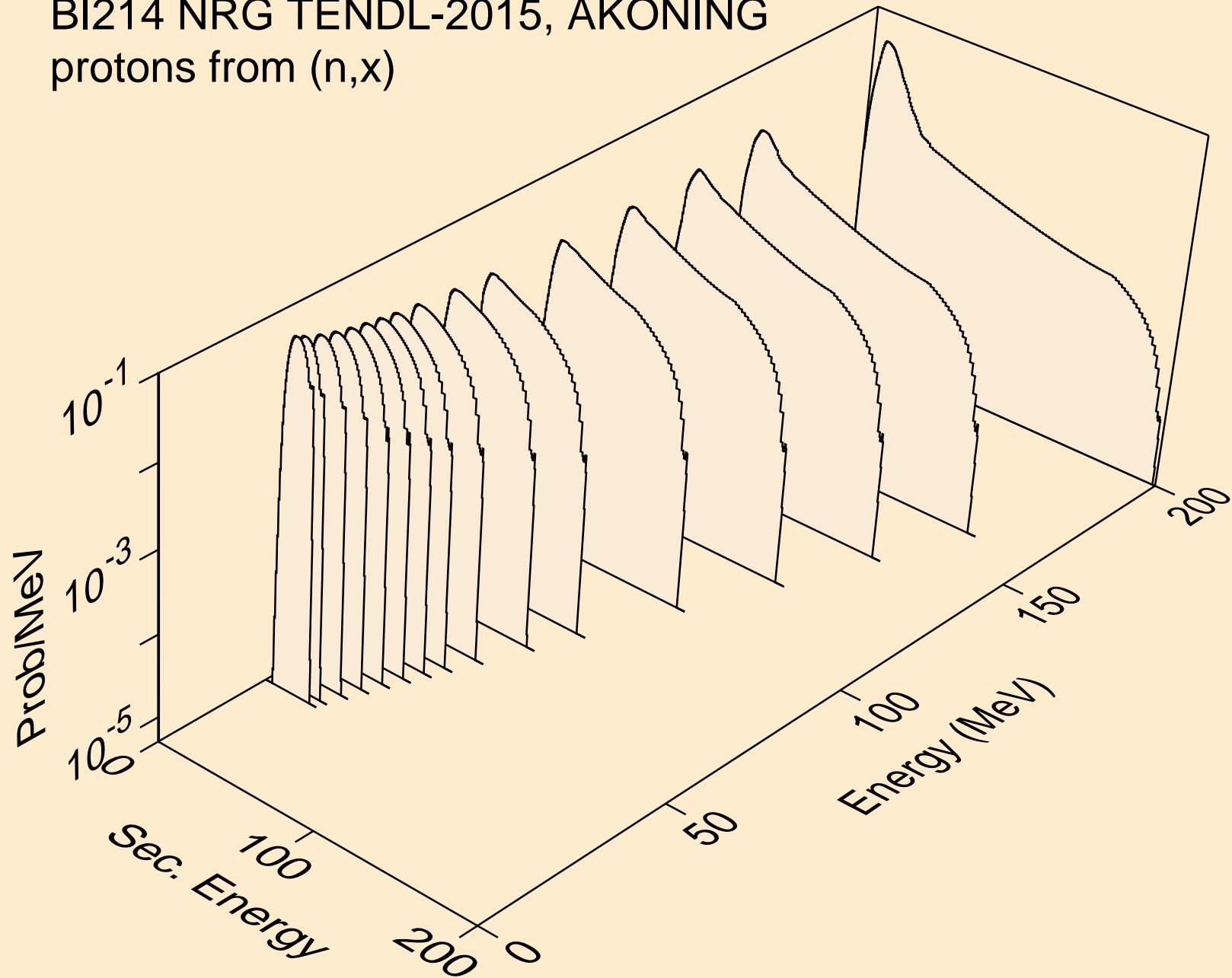


# BI214 NRG TENDL-2015, AKONING

## Particle production cross sections

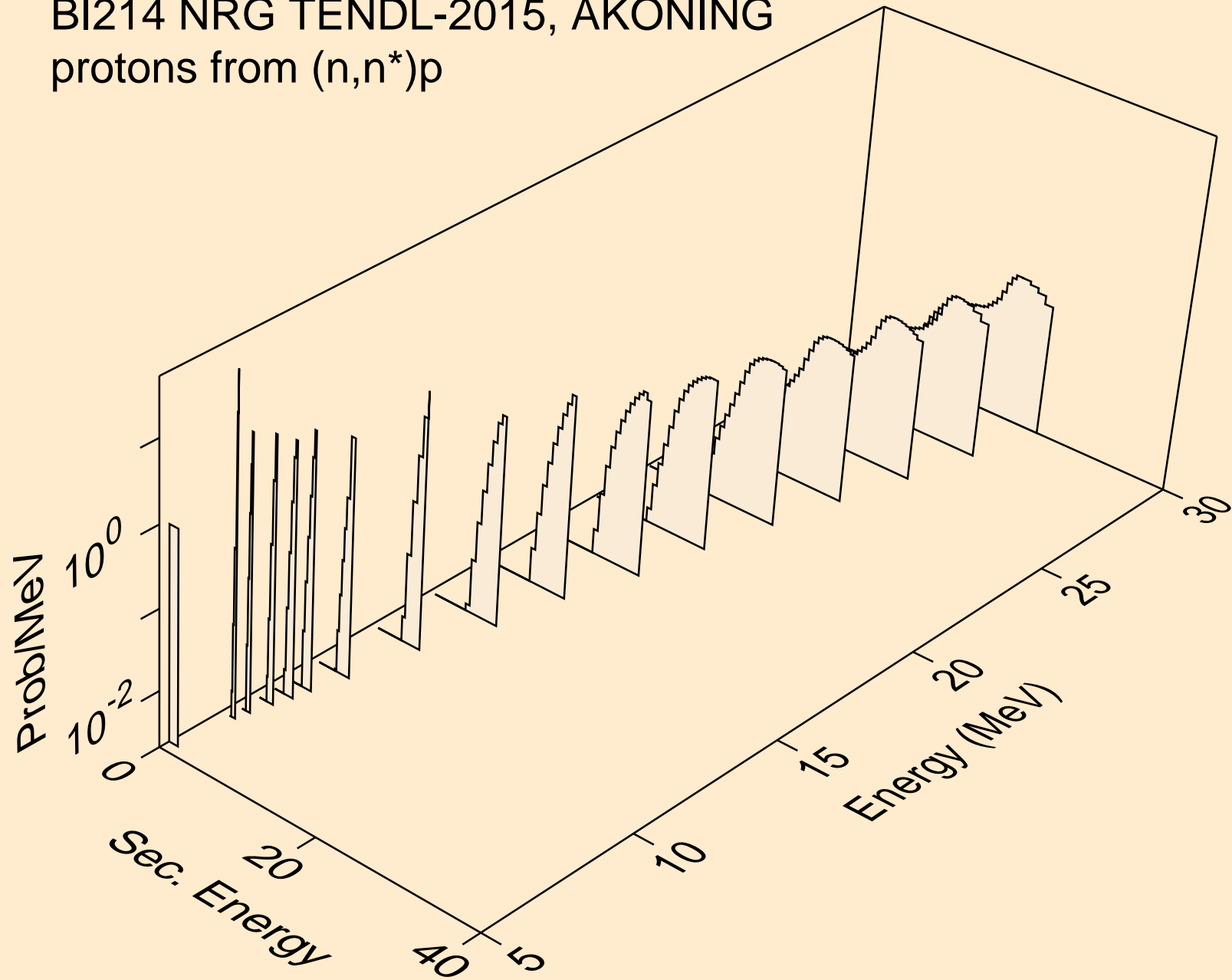


BI214 NRG TENDL-2015, AKONING  
protons from (n,x)

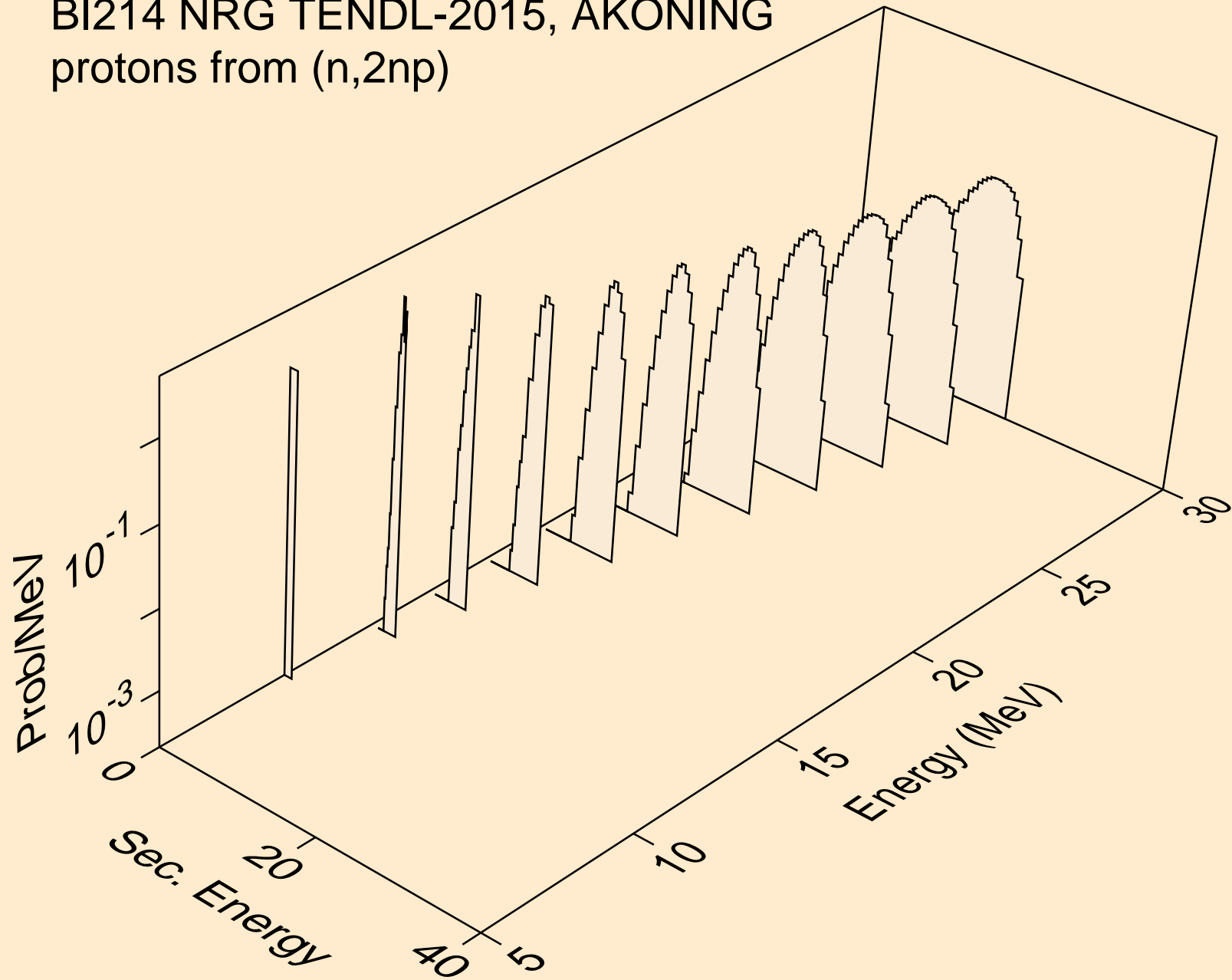




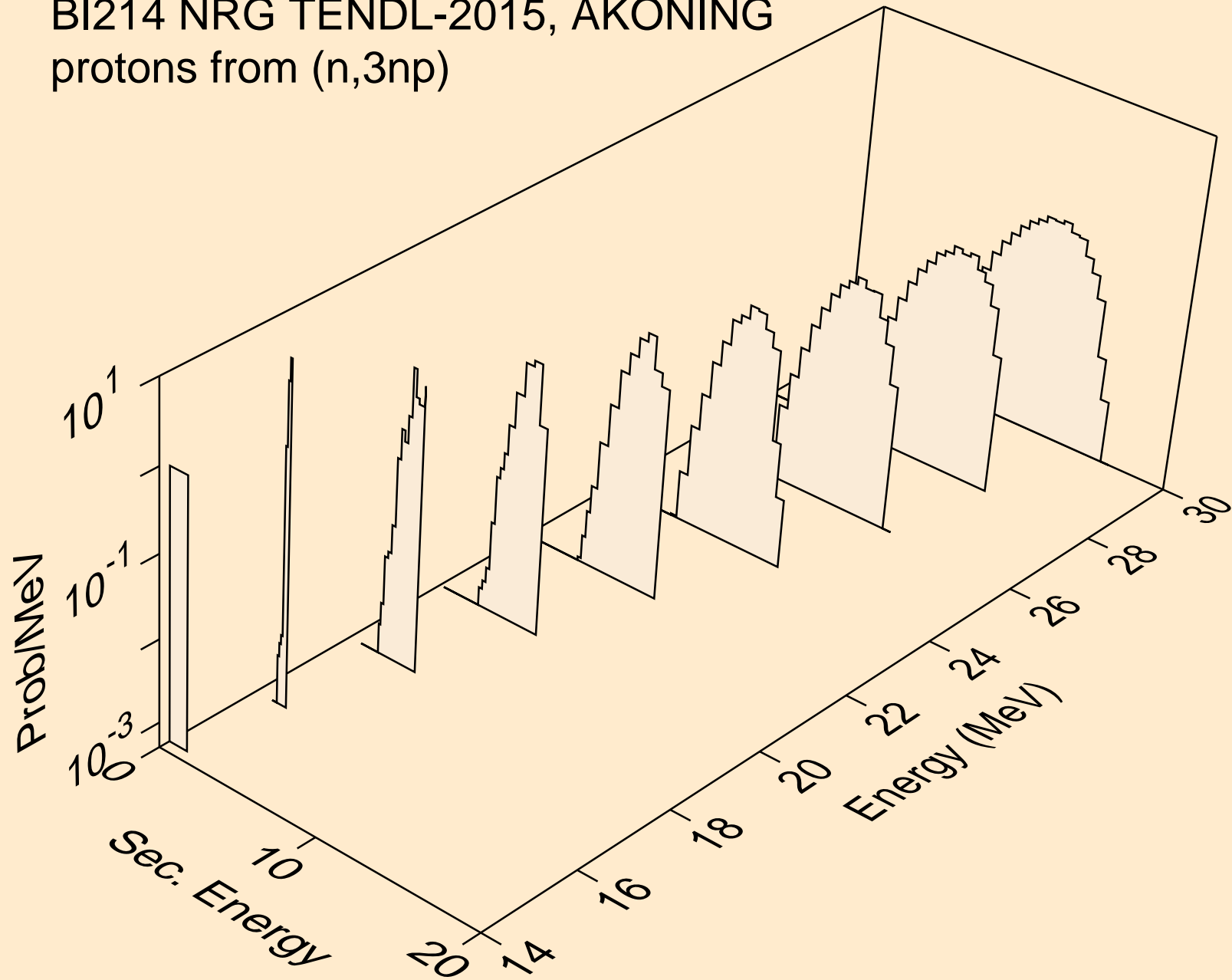
BI214 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



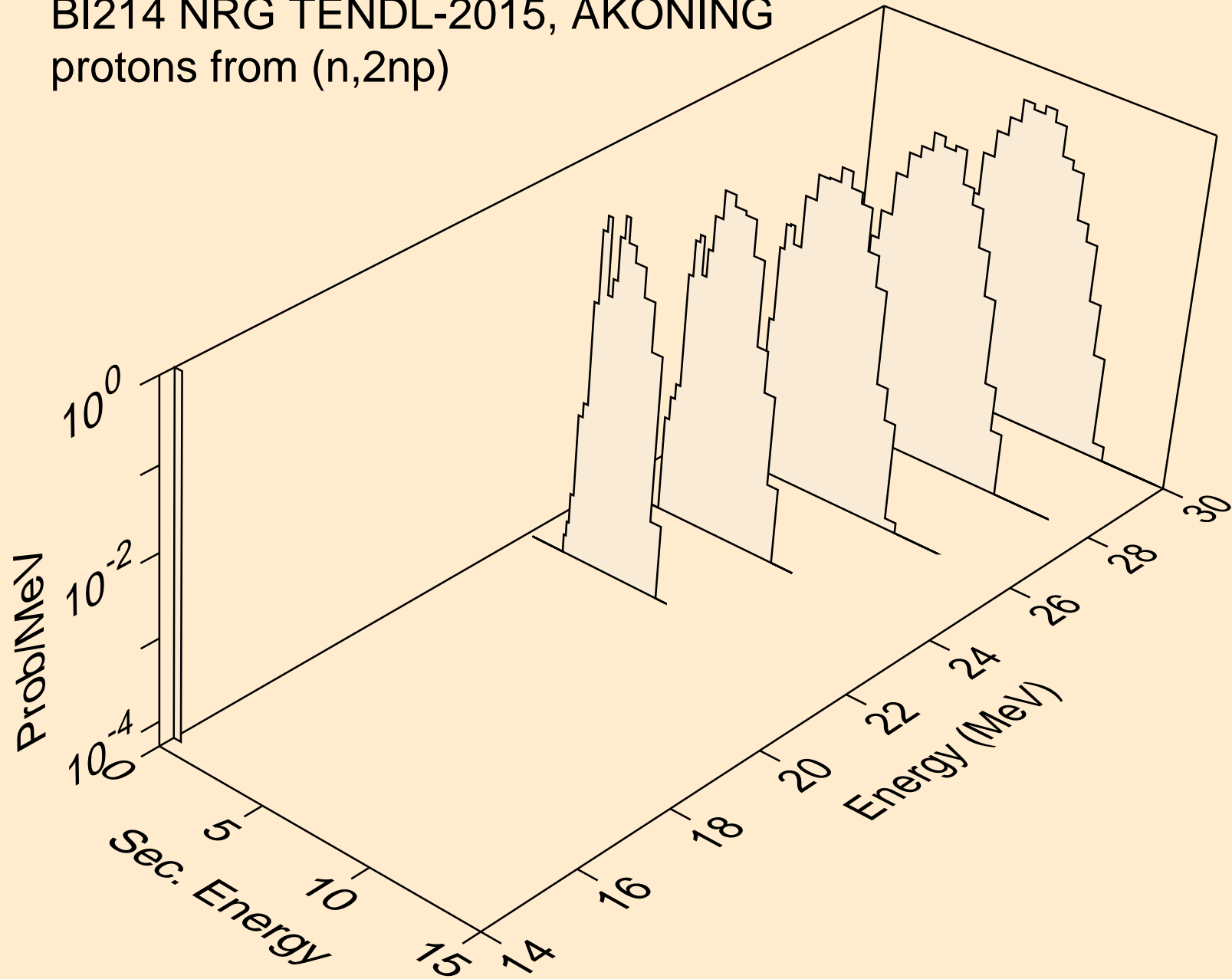
BI214 NRG TENDL-2015, AKONING  
protons from (n,2np)



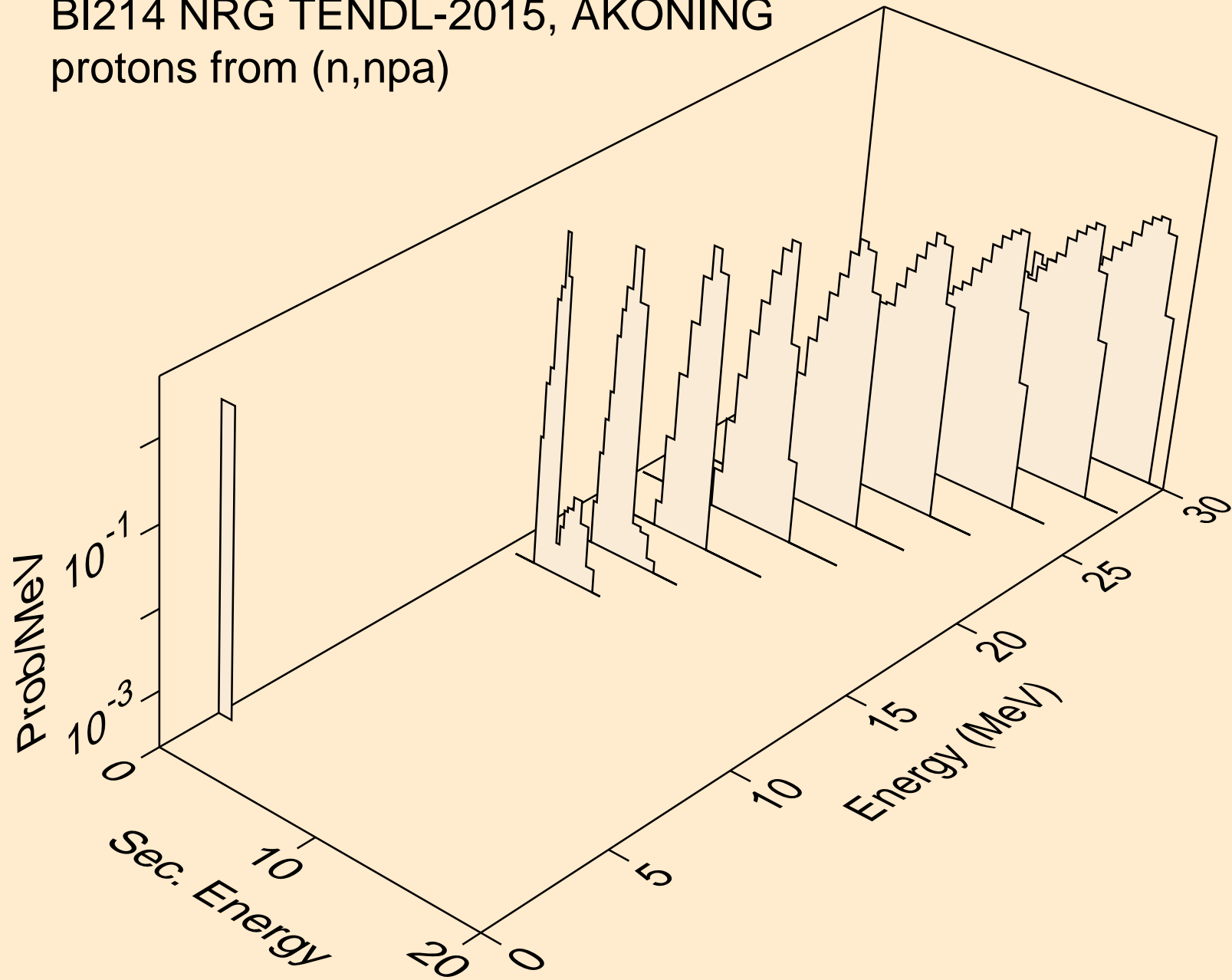
BI214 NRG TENDL-2015, AKONING  
protons from (n,3np)



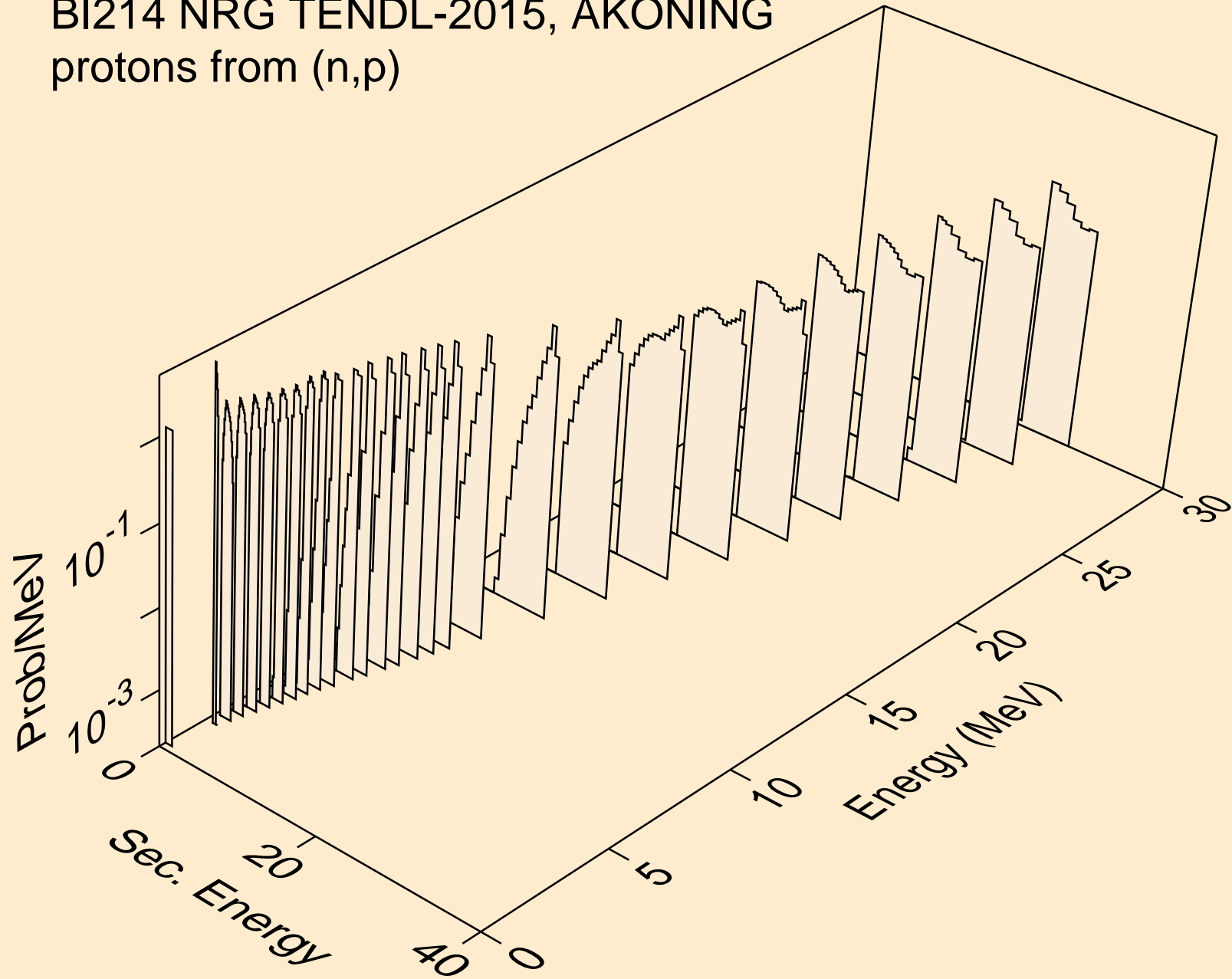
BI214 NRG TENDL-2015, AKONING  
protons from (n,2np)



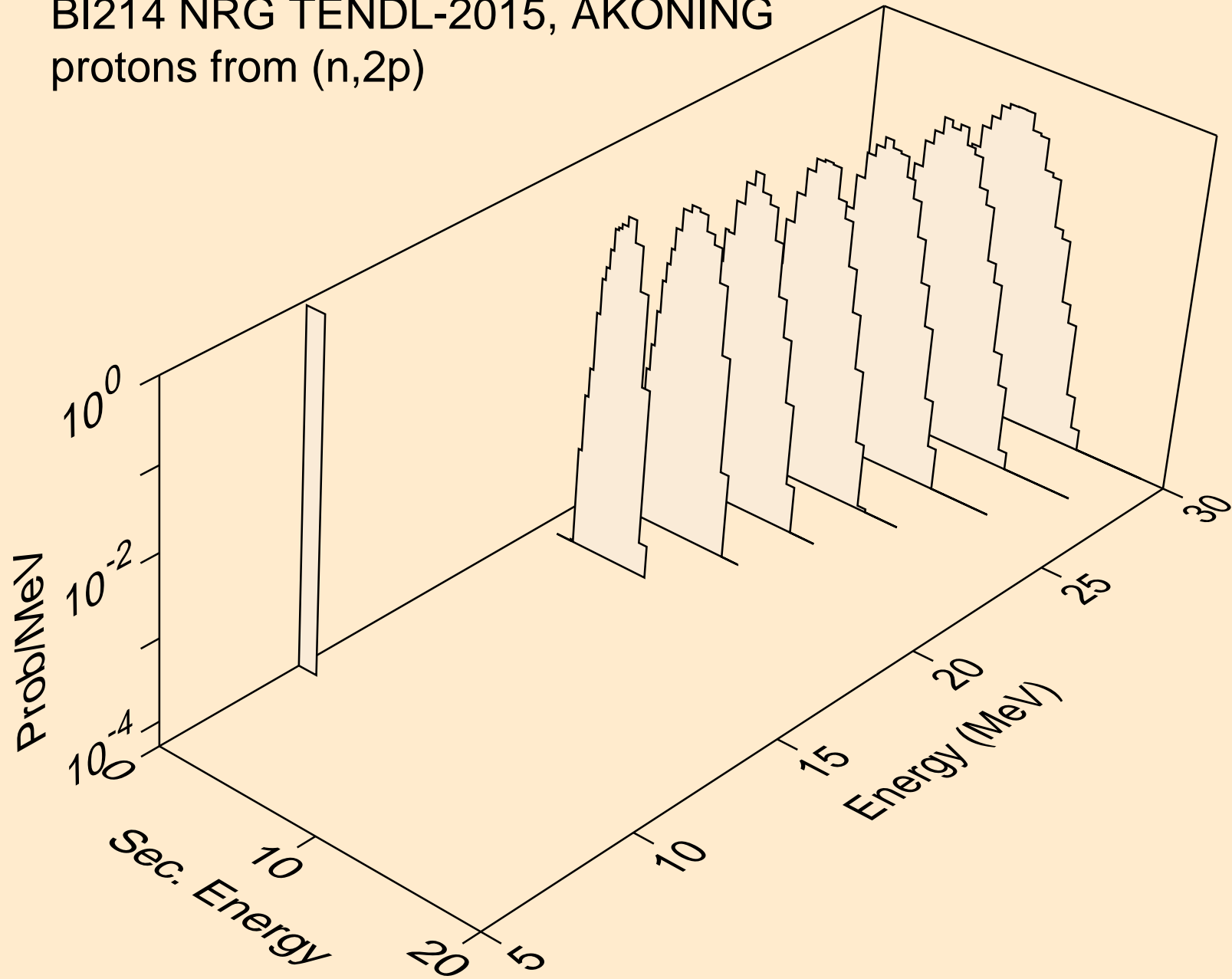
BI214 NRG TENDL-2015, AKONING  
protons from (n,npa)



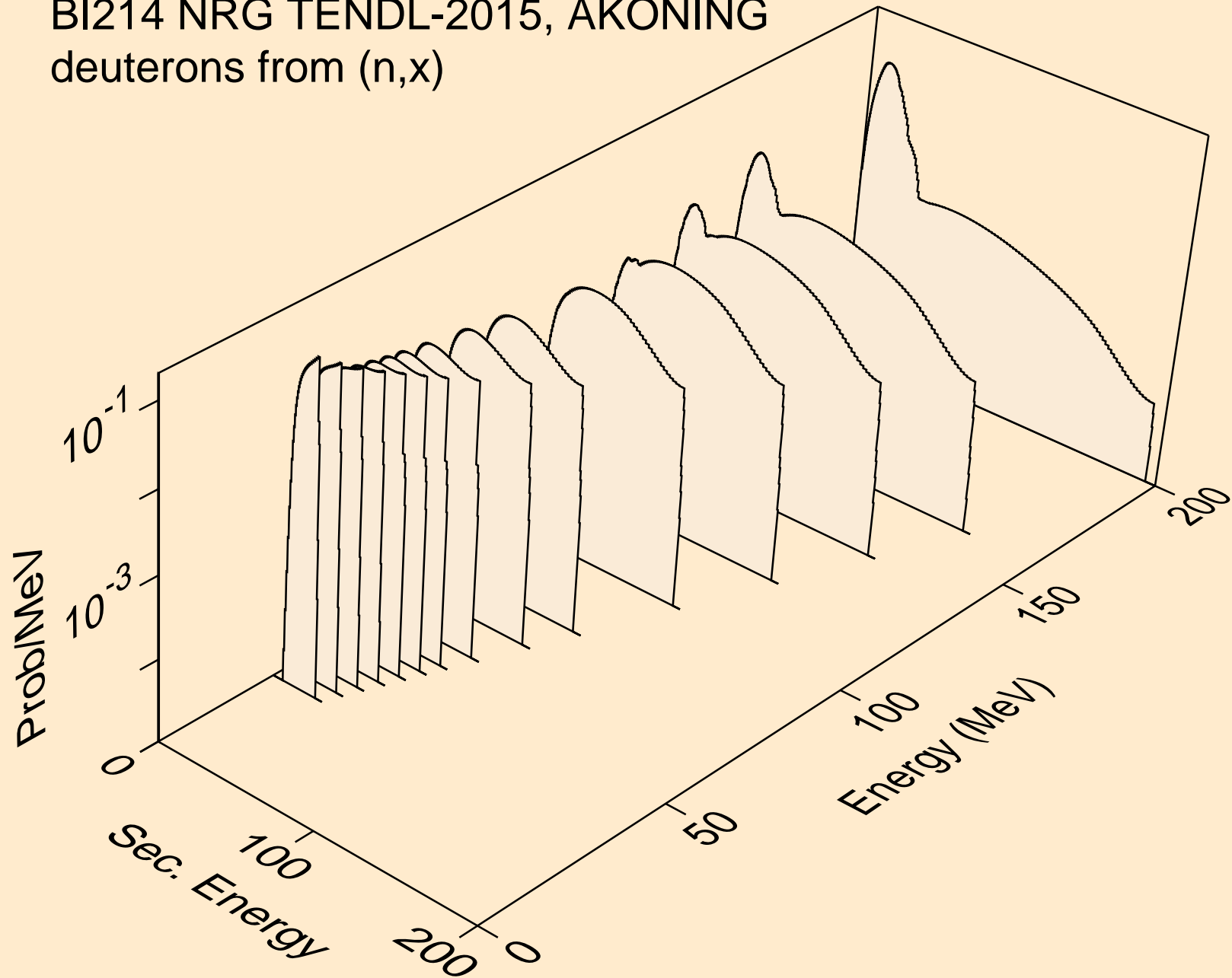
BI214 NRG TENDL-2015, AKONING  
protons from (n,p)



BI214 NRG TENDL-2015, AKONING  
protons from (n,2p)

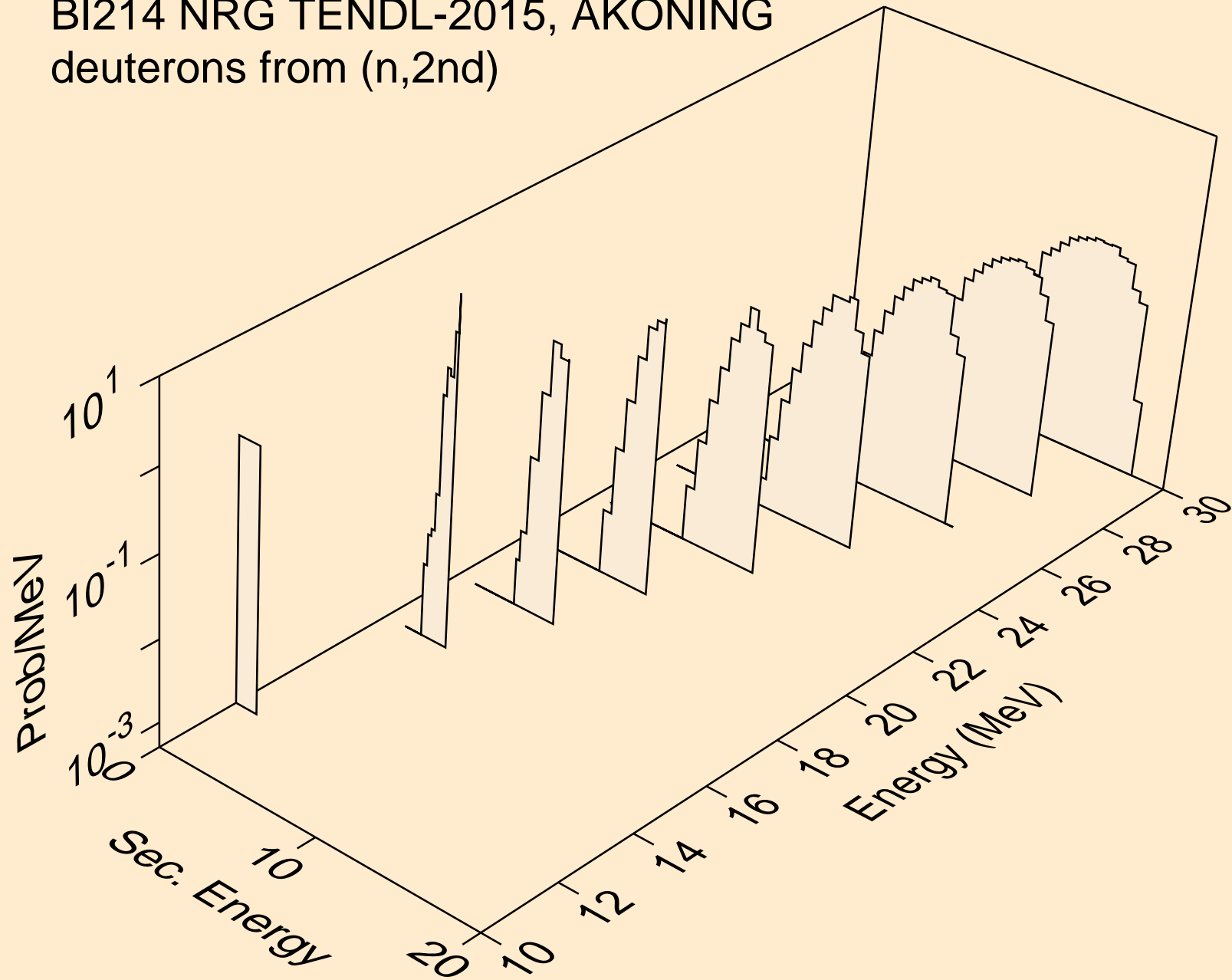


BI214 NRG TENDL-2015, AKONING  
deuterons from (n,x)

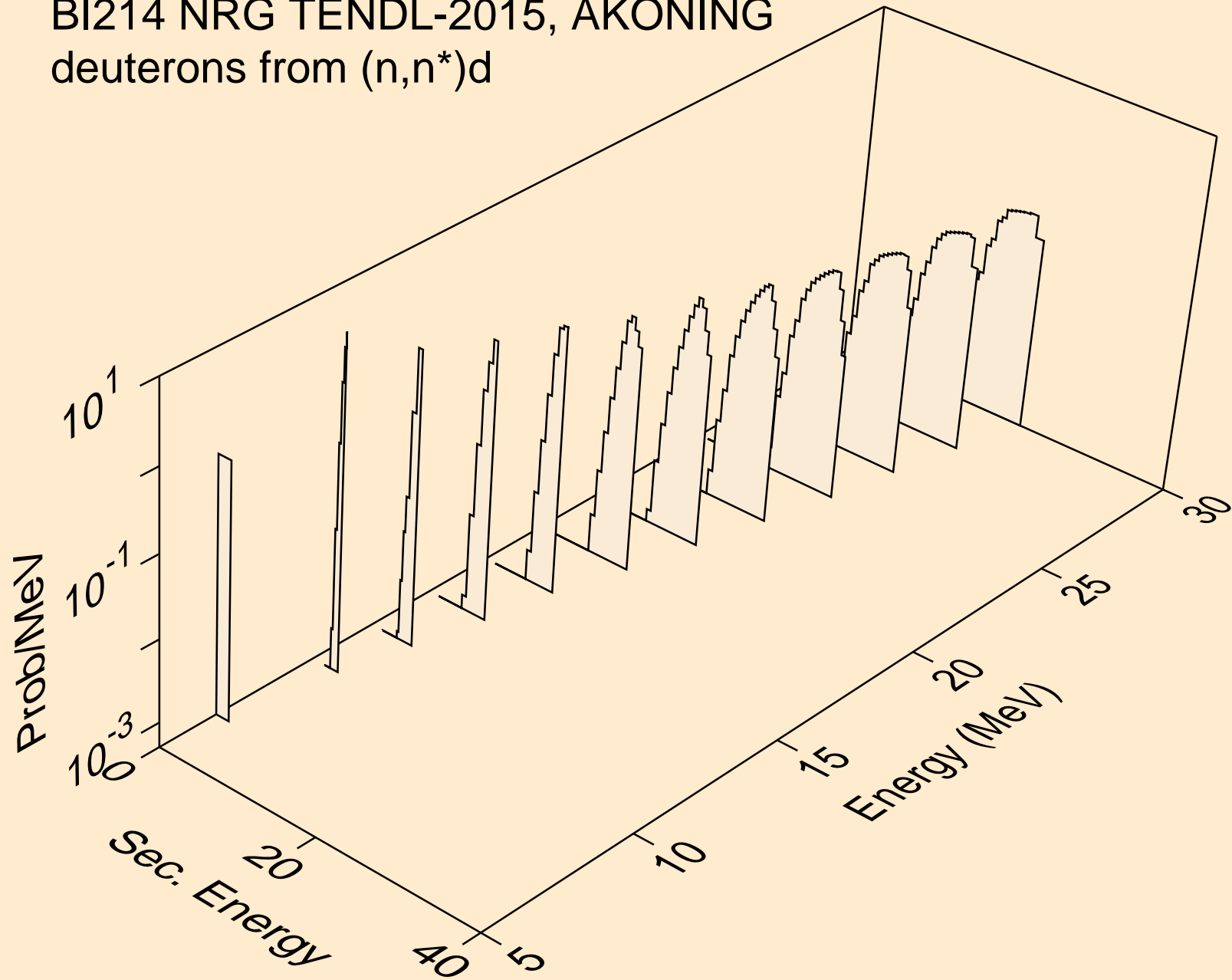




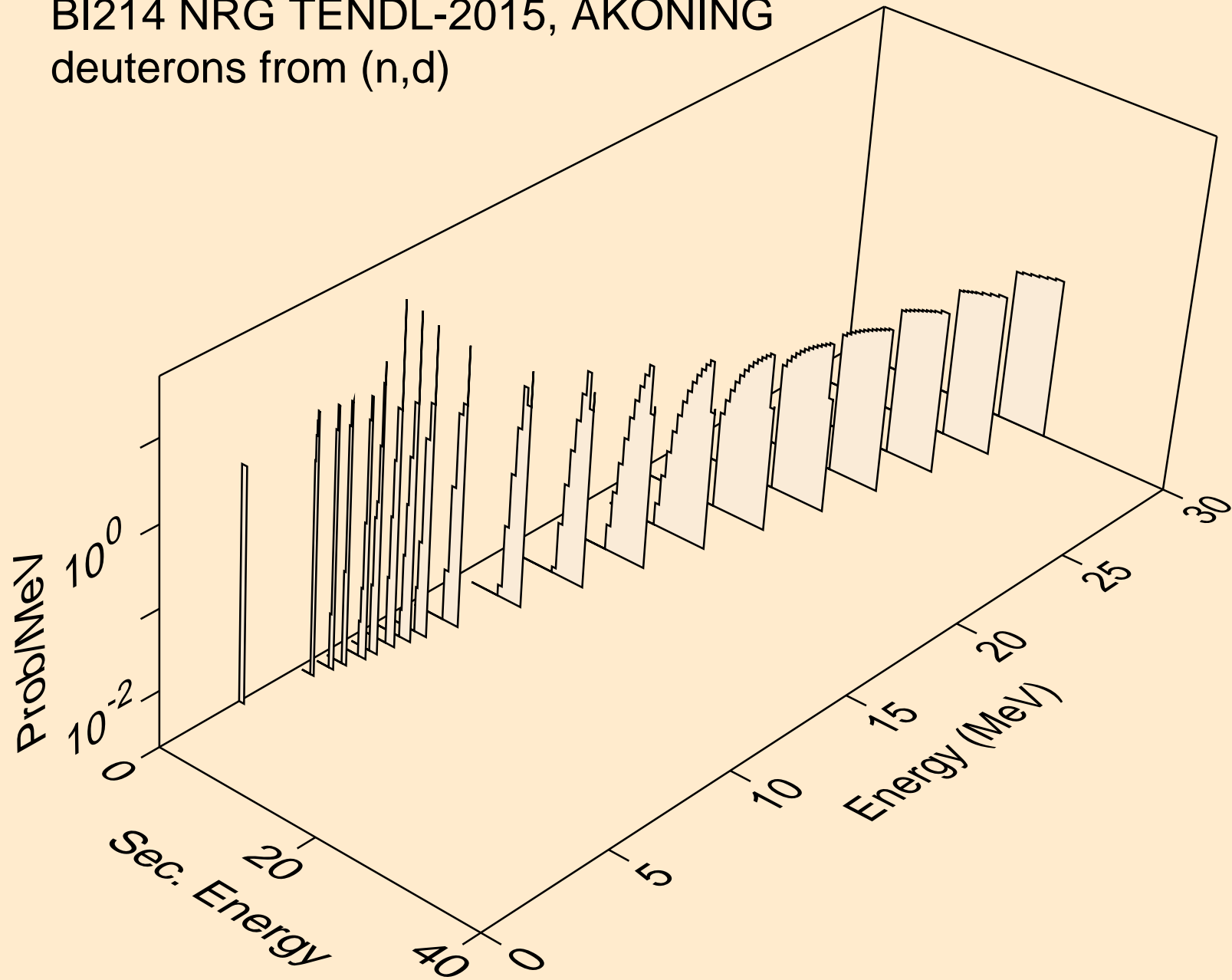
BI214 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



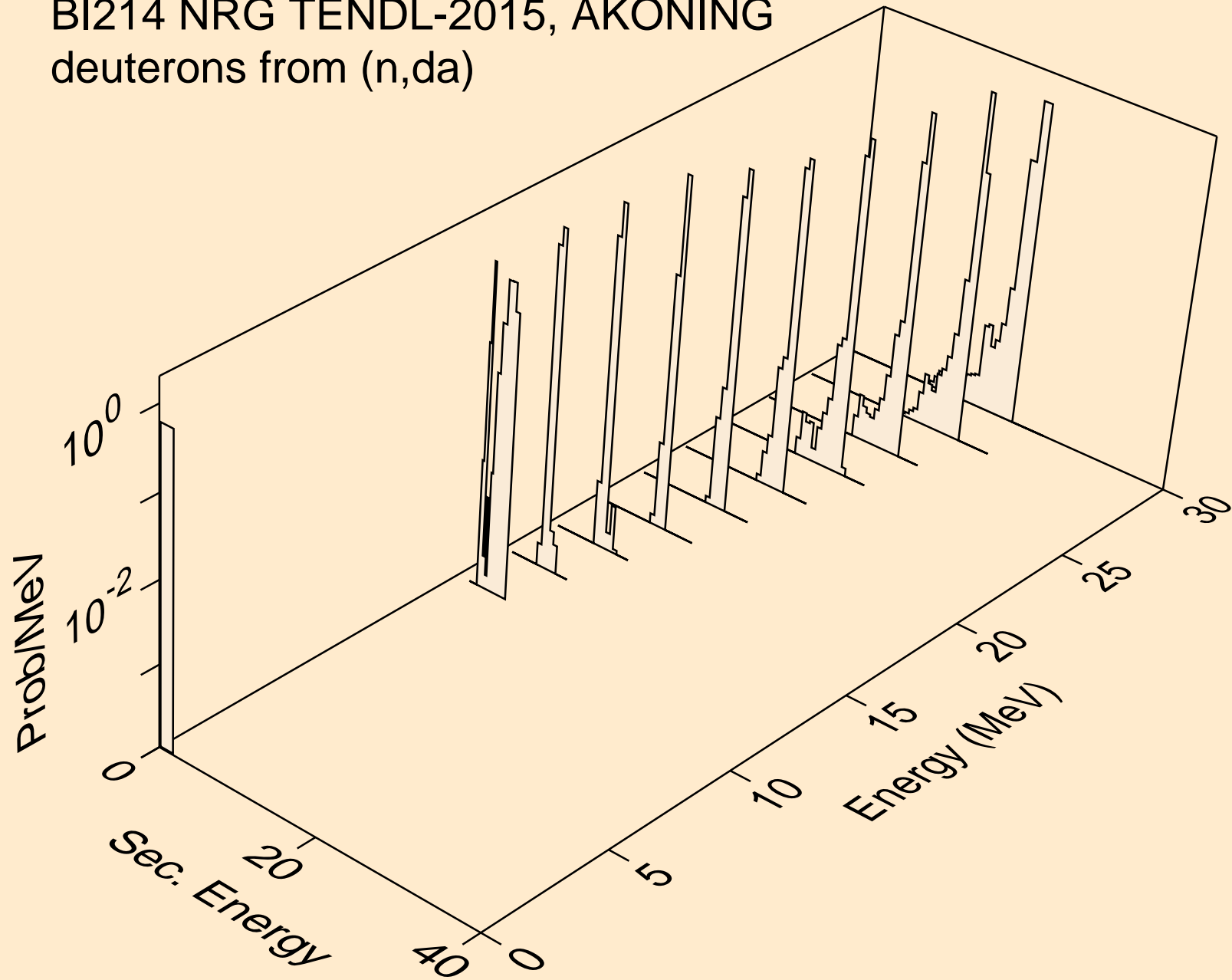
BI214 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



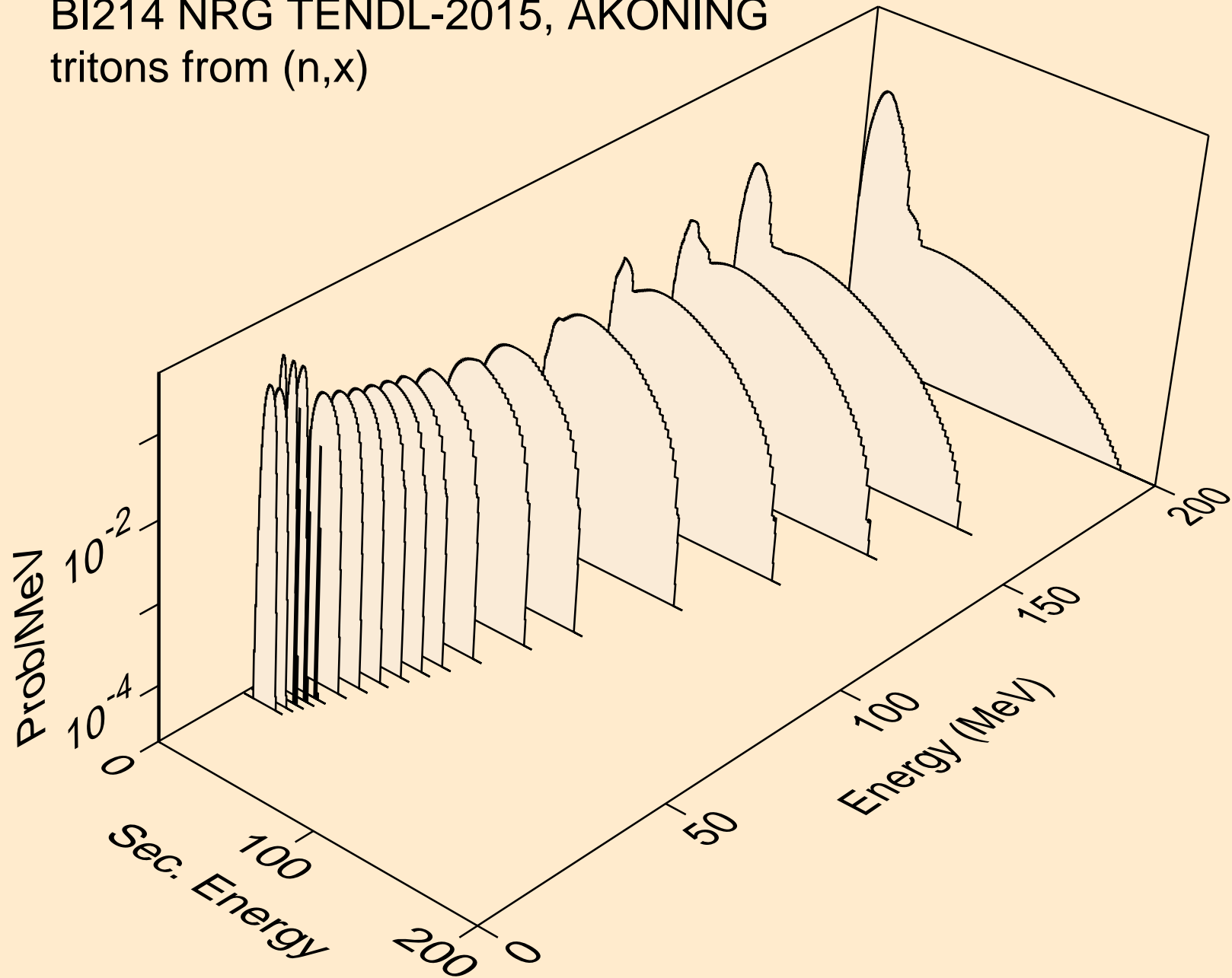
BI214 NRG TENDL-2015, AKONING  
deuterons from (n,d)



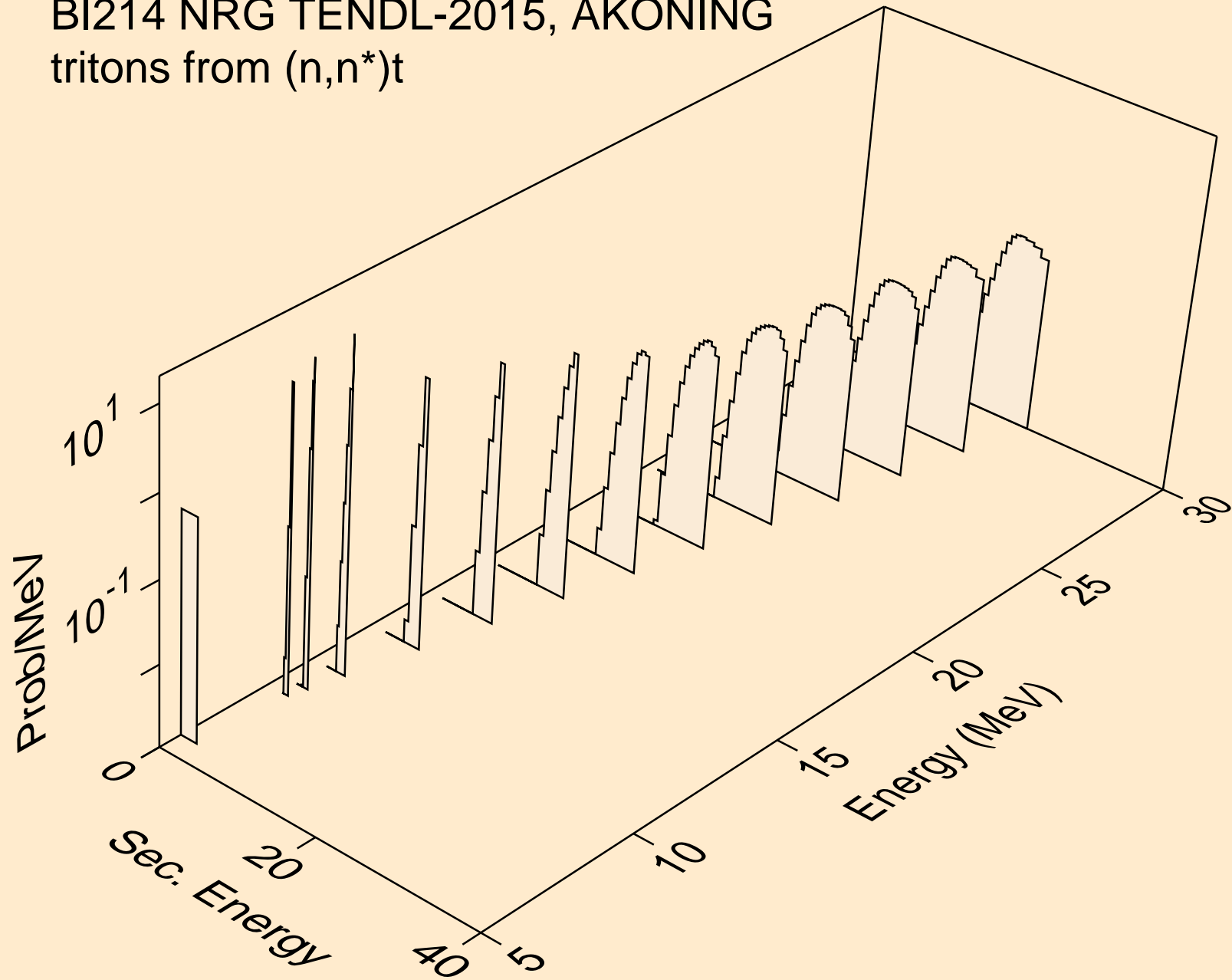
BI214 NRG TENDL-2015, AKONING  
deuterons from (n,da)



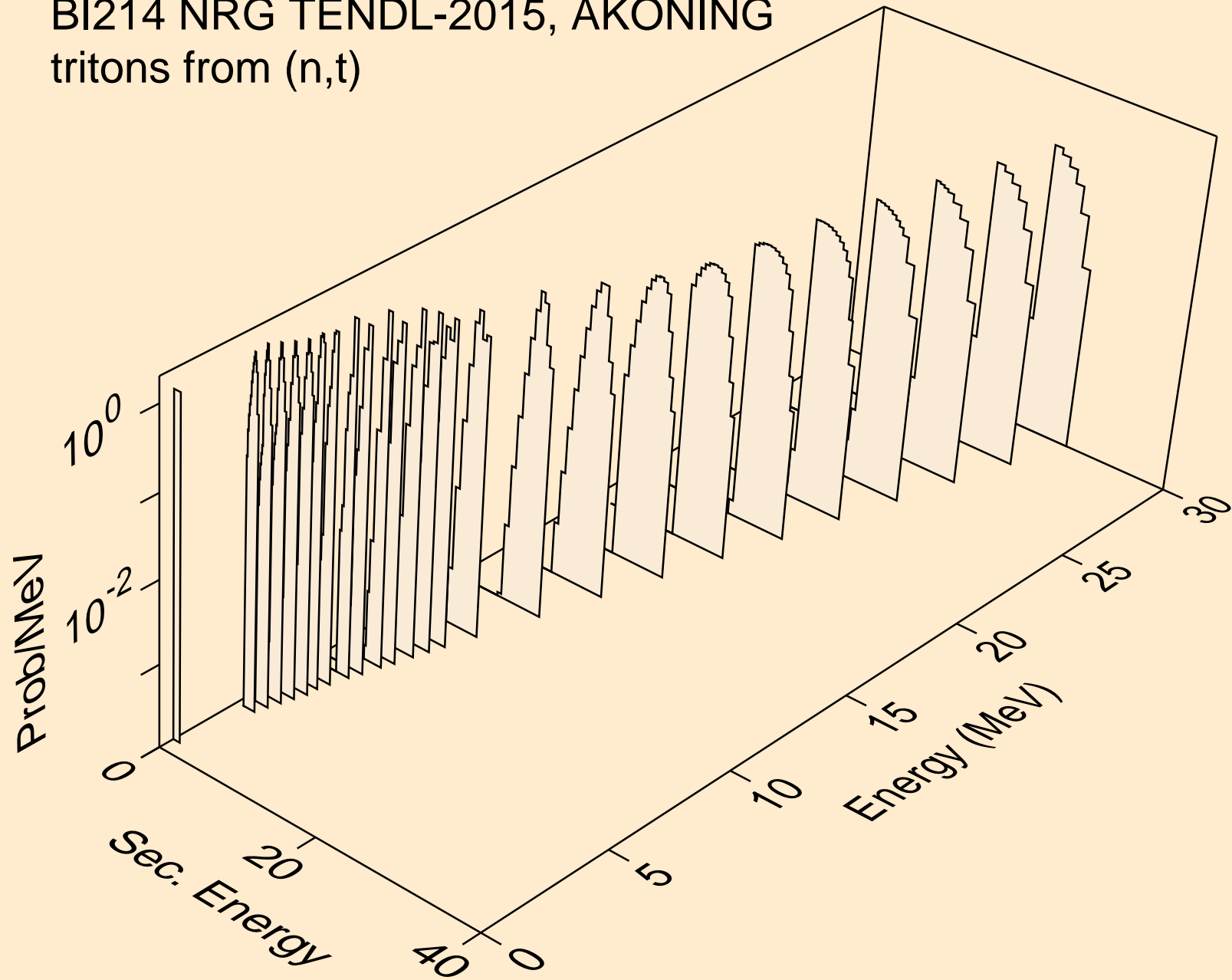
BI214 NRG TENDL-2015, AKONING  
tritons from (n,x)



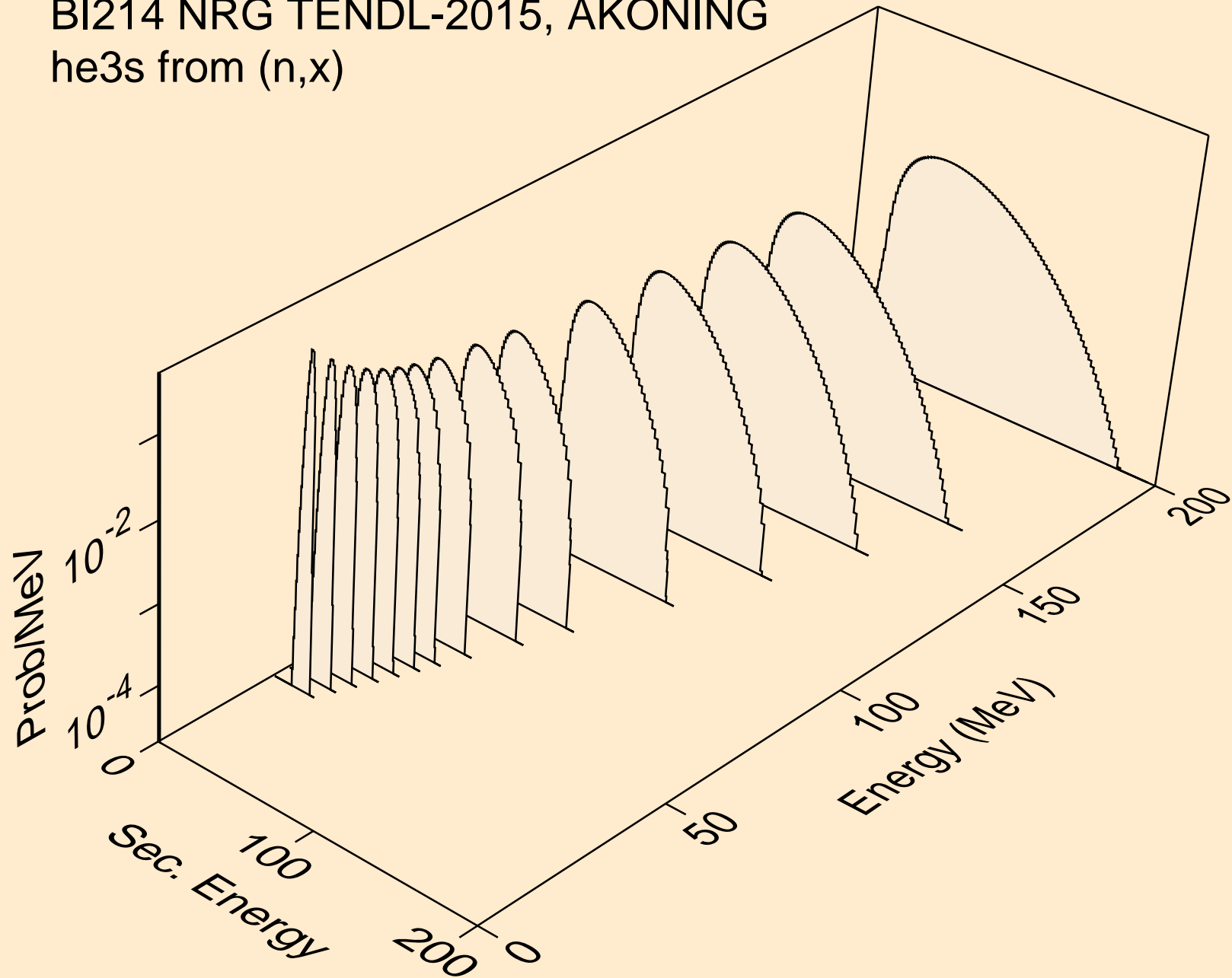
BI214 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



BI214 NRG TENDL-2015, AKONING  
tritons from (n,t)

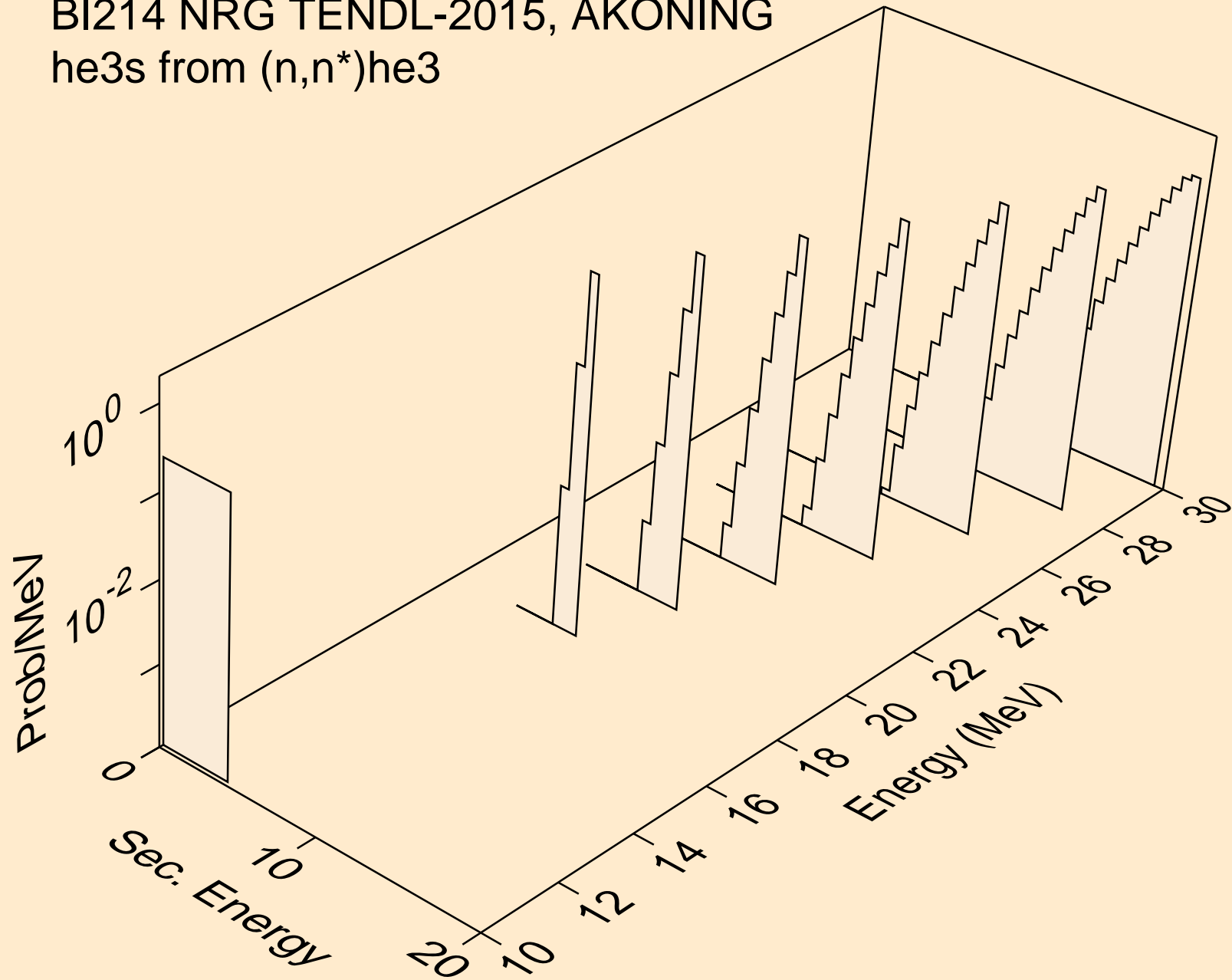


BI214 NRG TENDL-2015, AKONING  
he3s from (n,x)

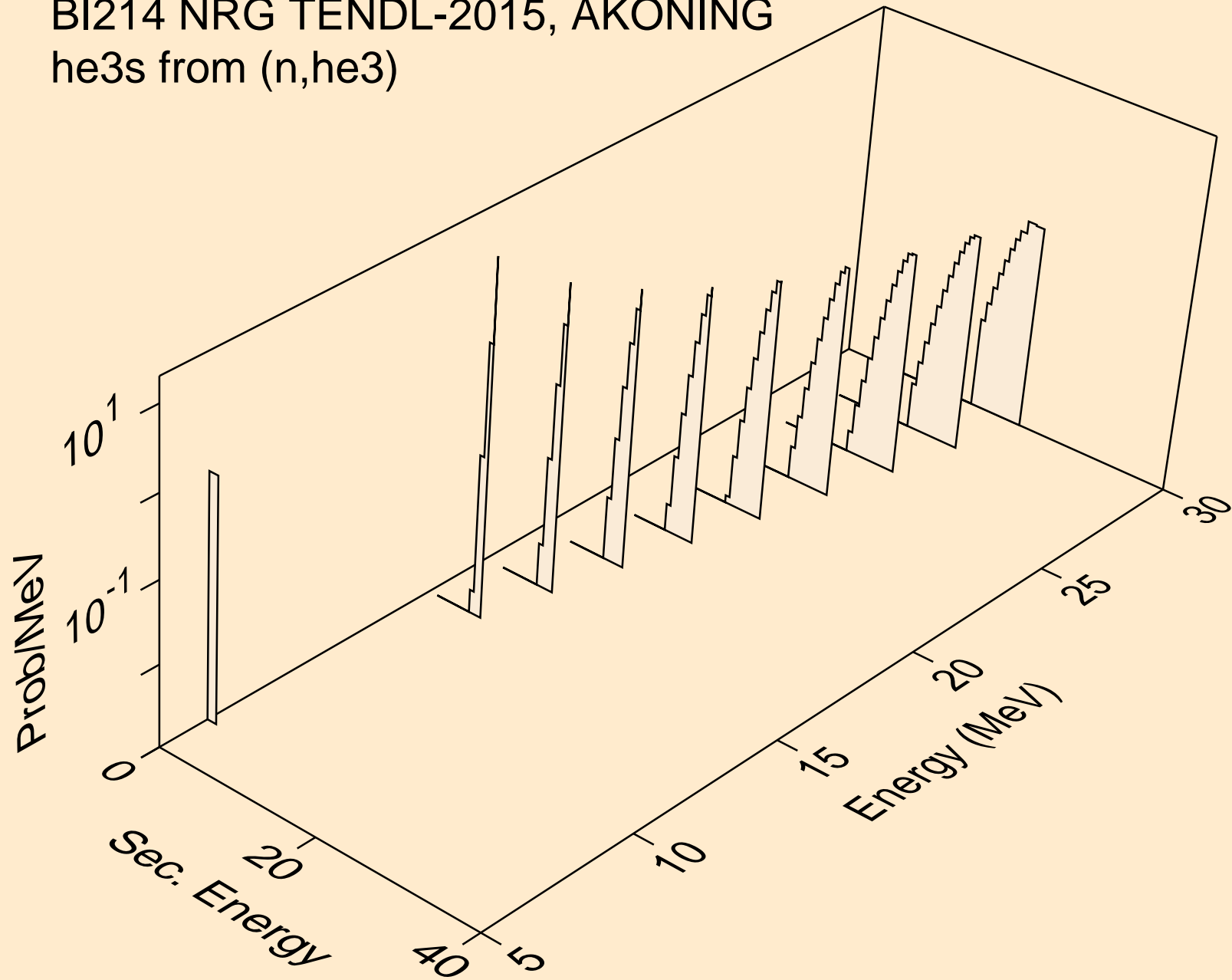




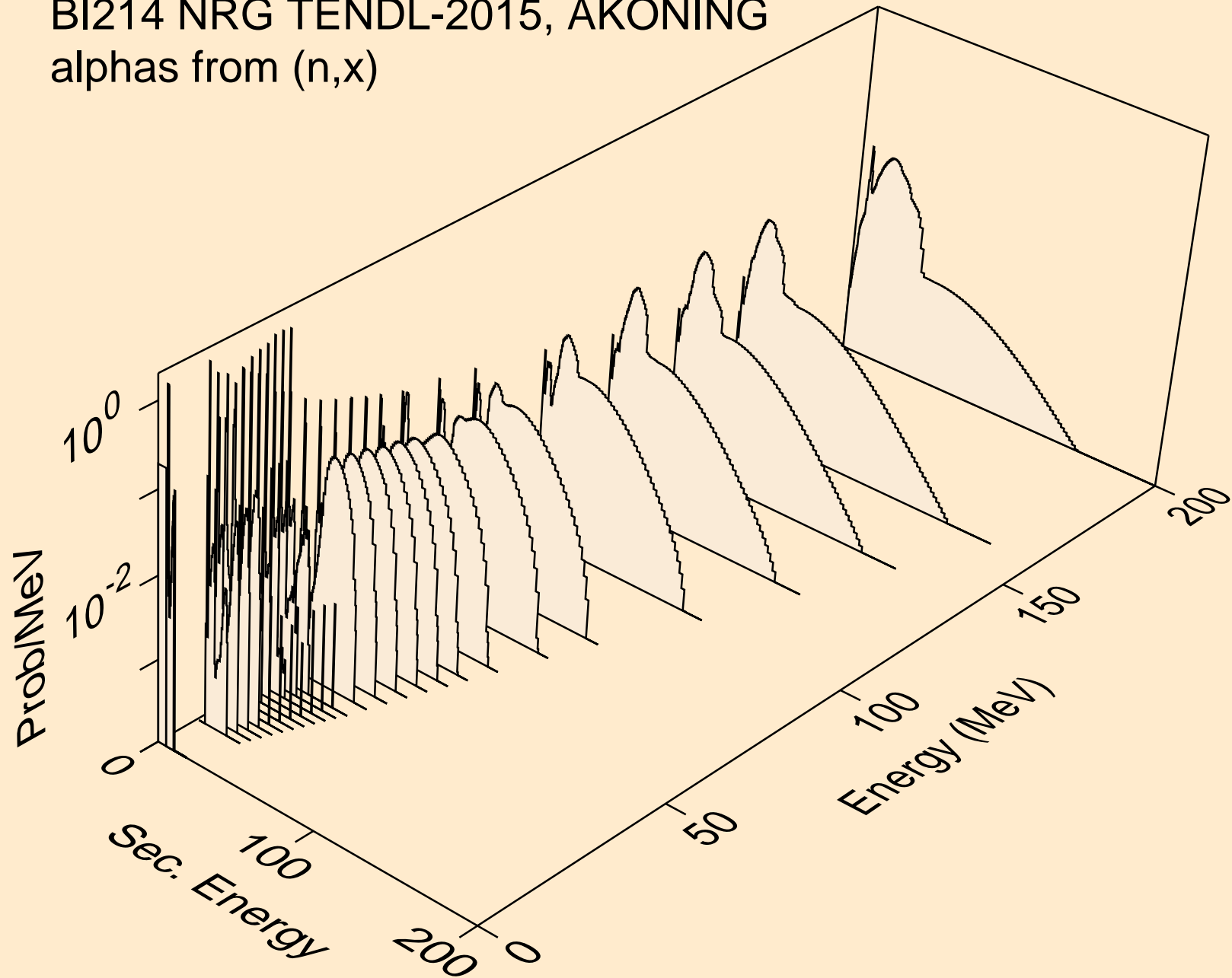
BI214 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



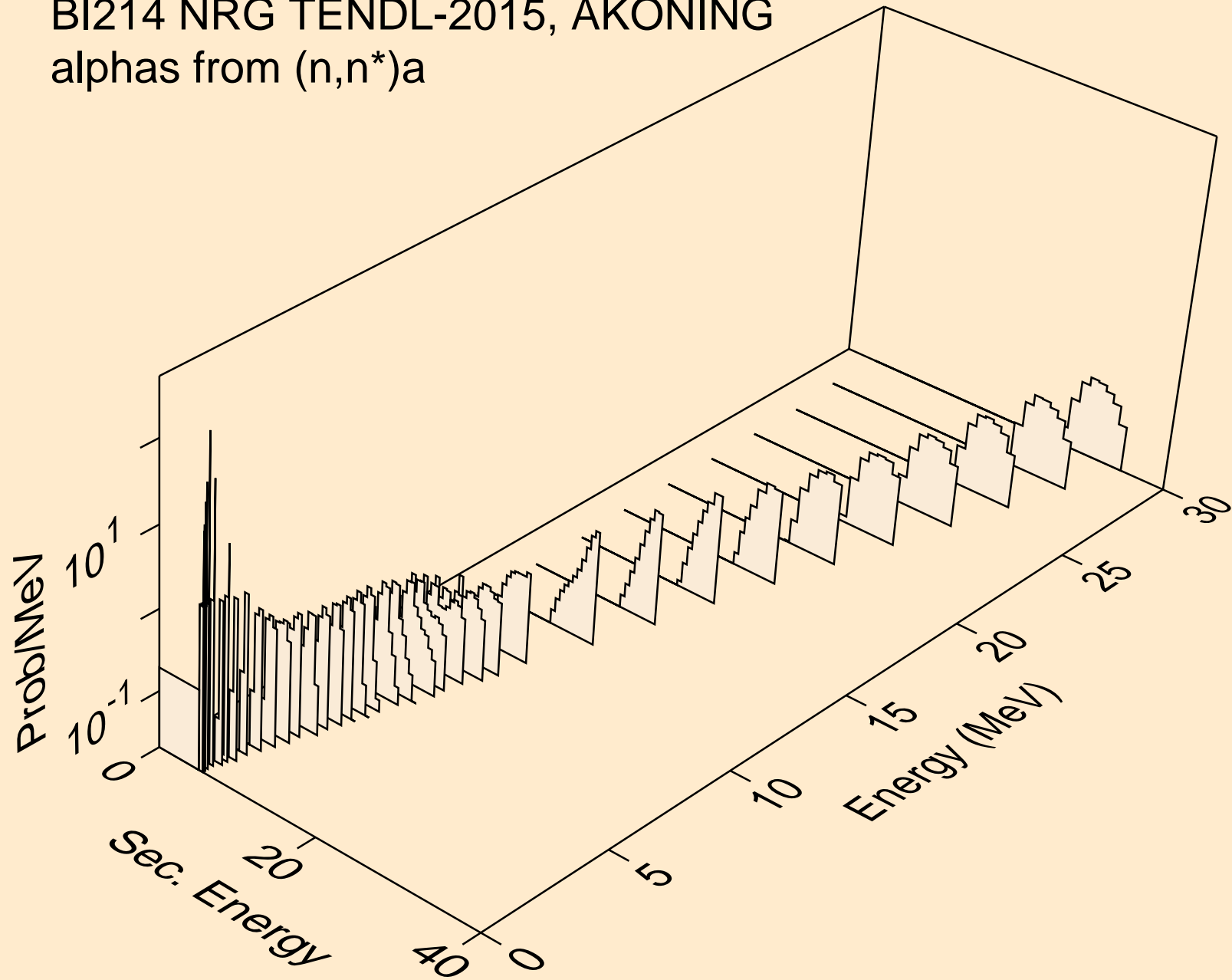
BI214 NRG TENDL-2015, AKONING  
he3s from (n,he3)



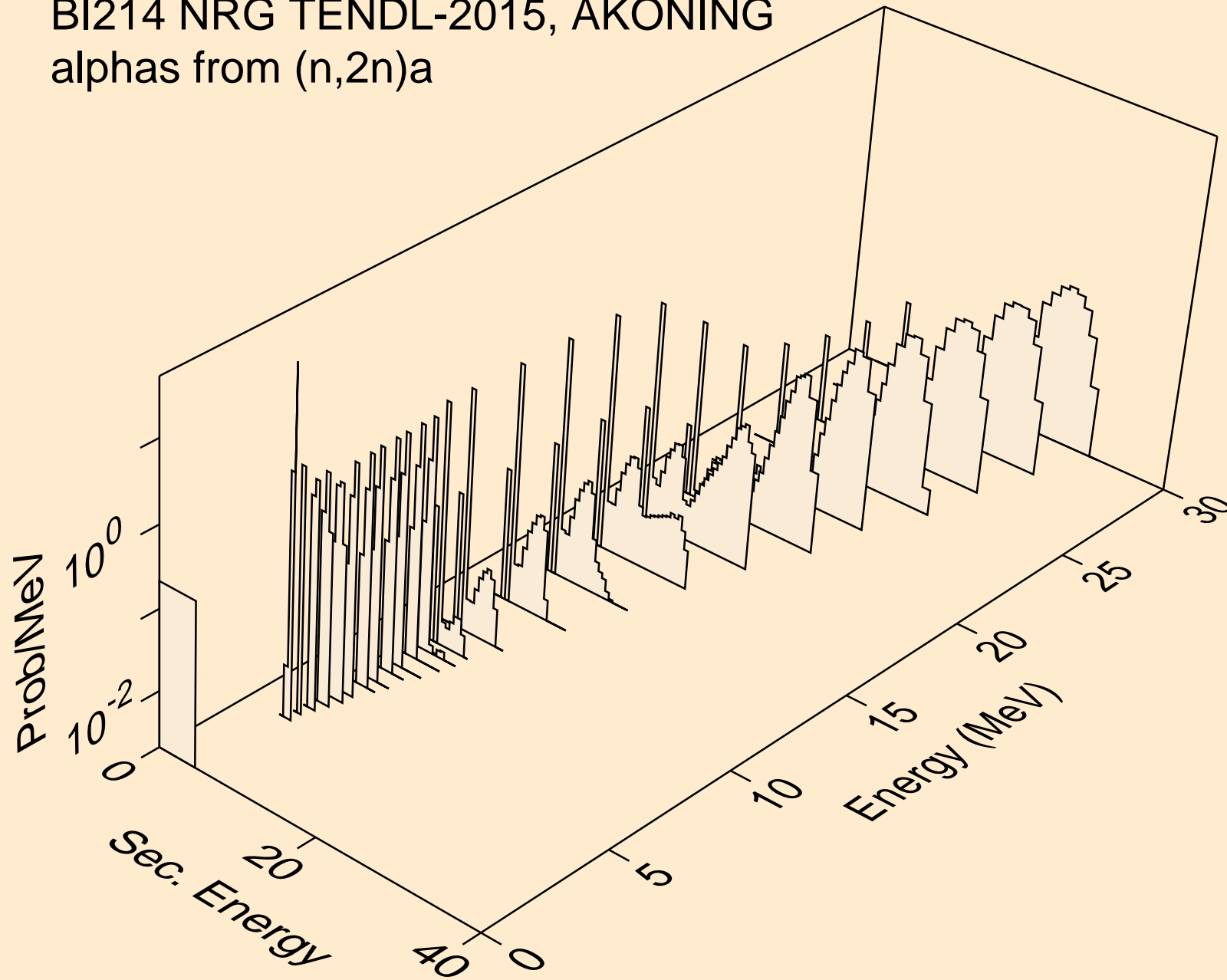
BI214 NRG TENDL-2015, AKONING  
alphas from (n,x)



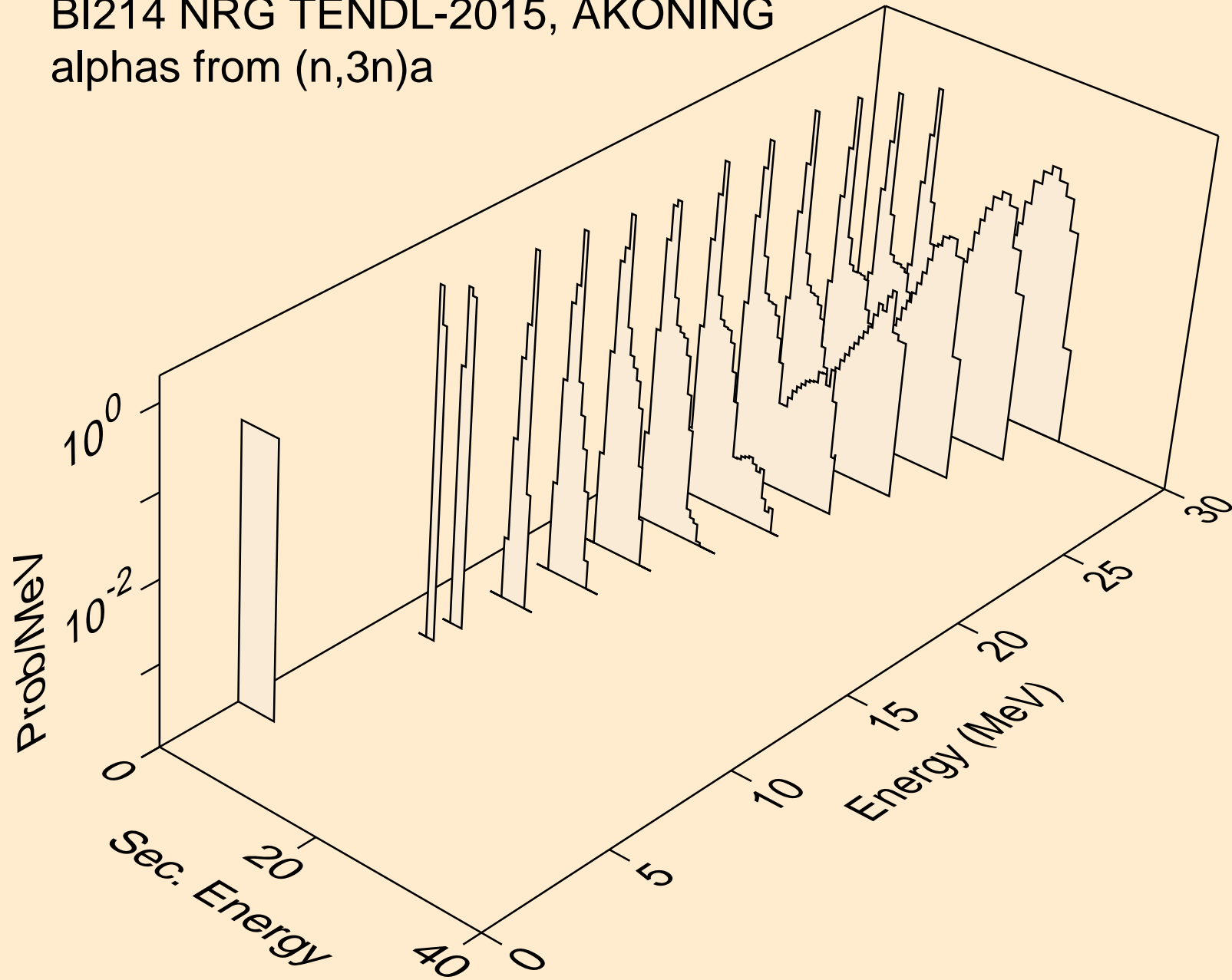
BI214 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



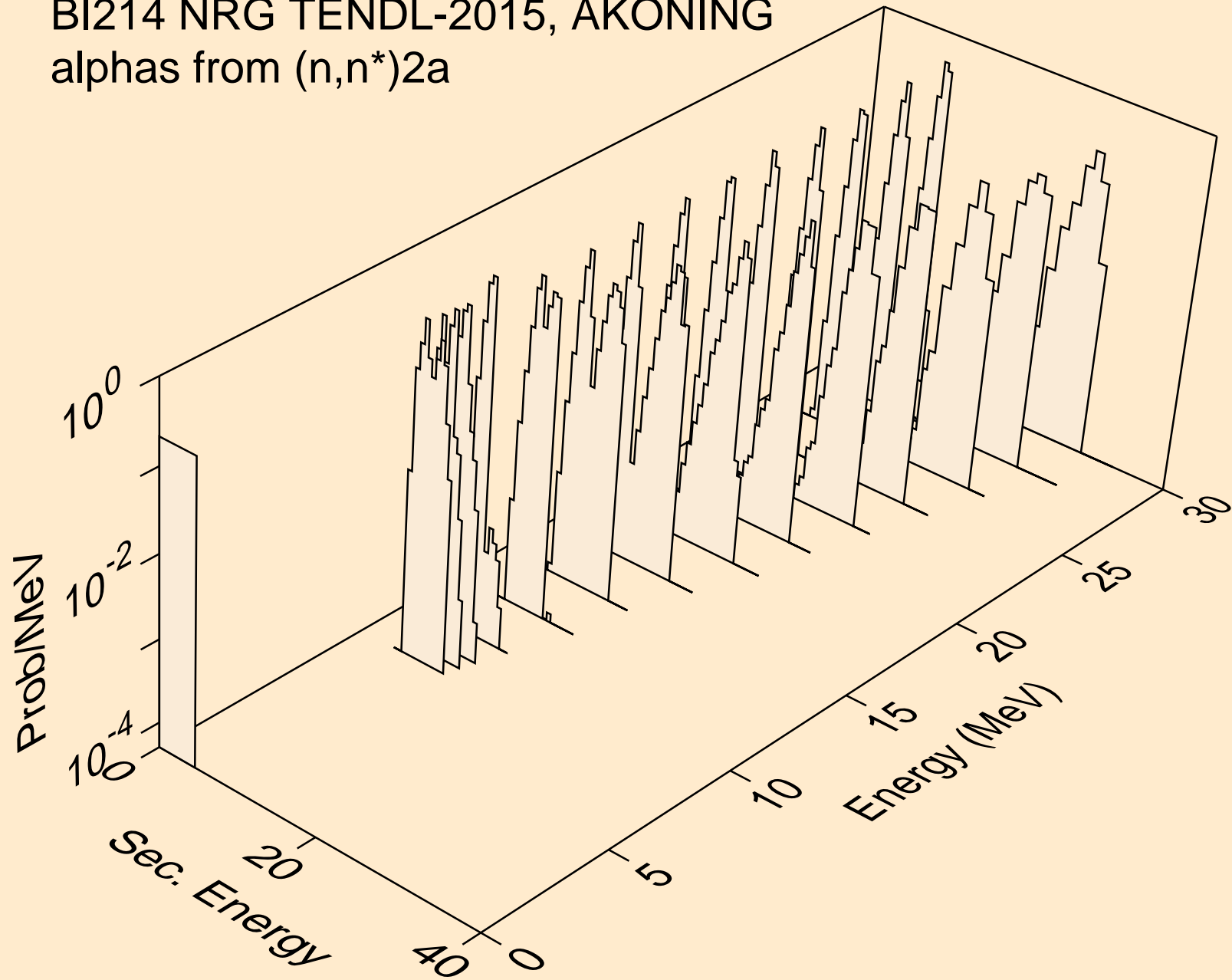
BI214 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



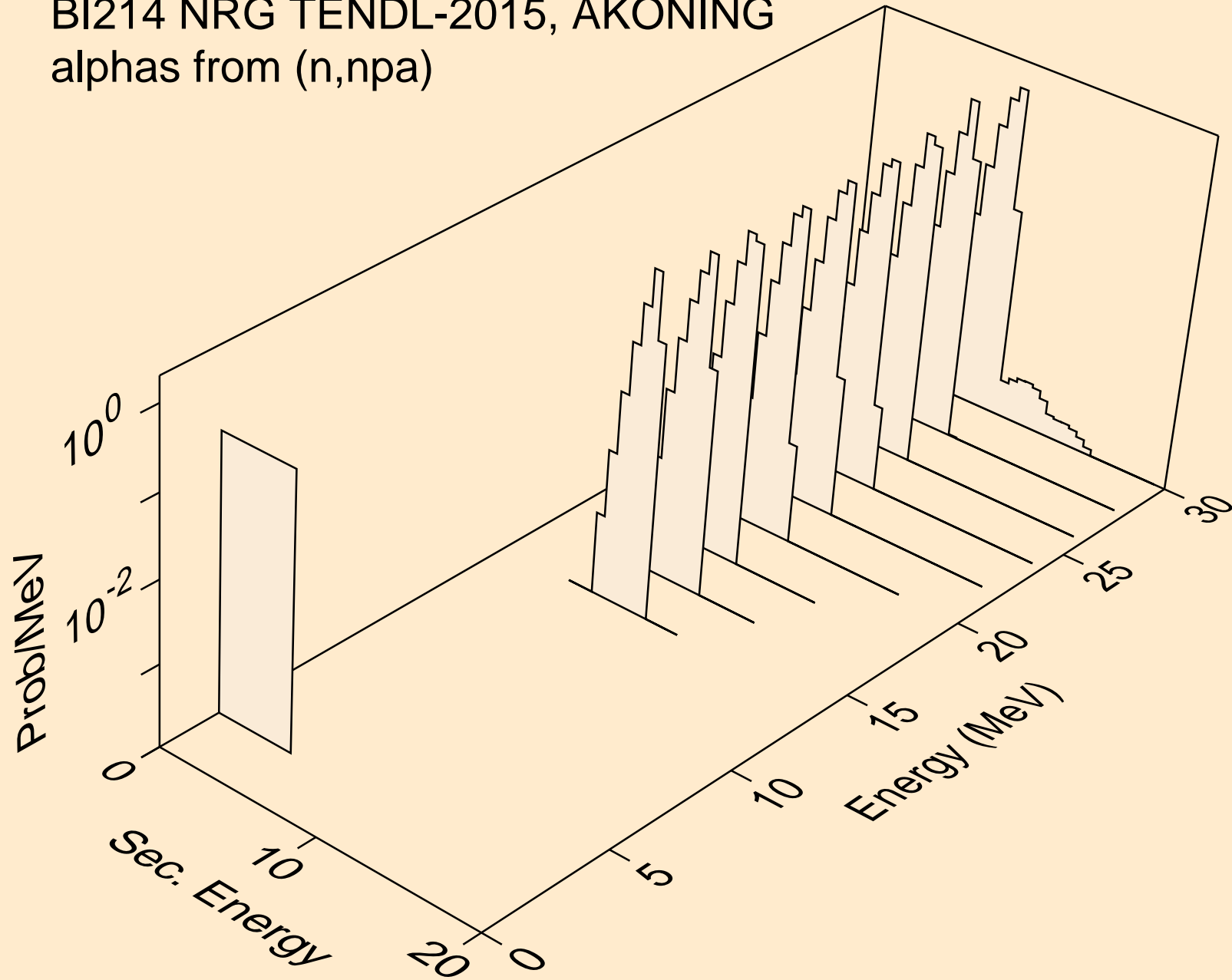
BI214 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



BI214 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a

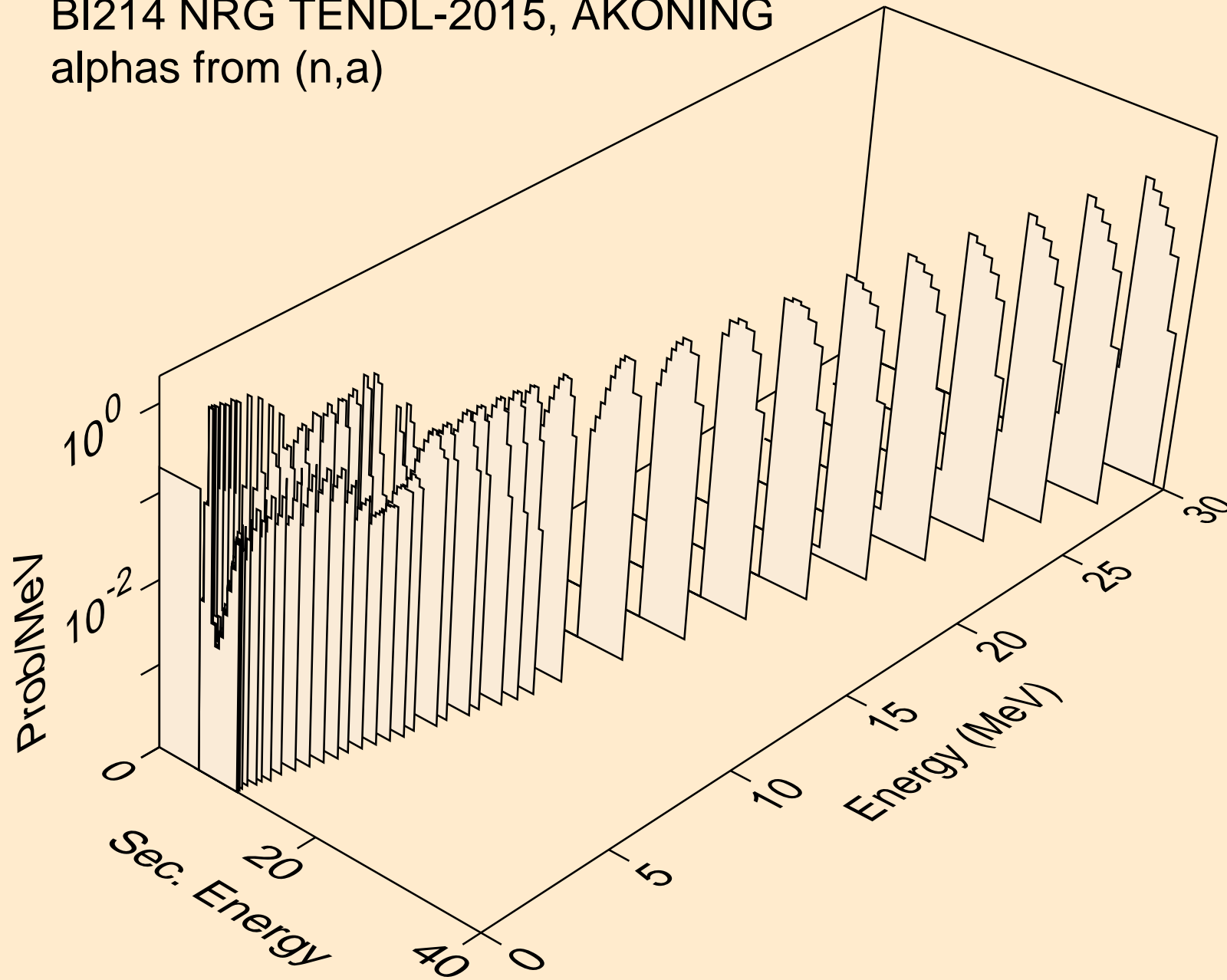


BI214 NRG TENDL-2015, AKONING  
alphas from (n,npa)

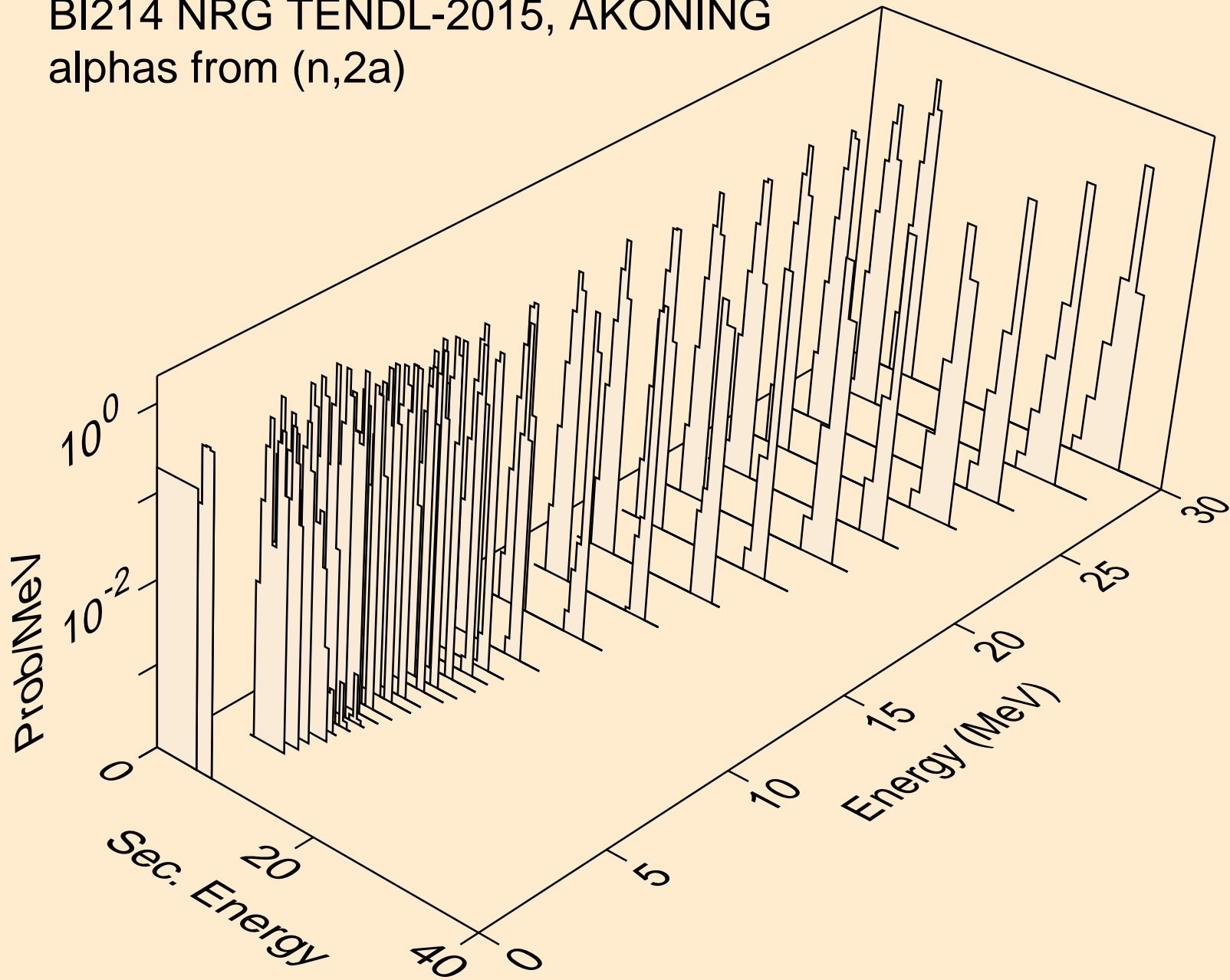




BI214 NRG TENDL-2015, AKONING  
alphas from (n,a)



BI214 NRG TENDL-2015, AKONING  
alphas from (n,2a)



BI214 NRG TENDL-2015, AKONING  
alphas from (n,da)

