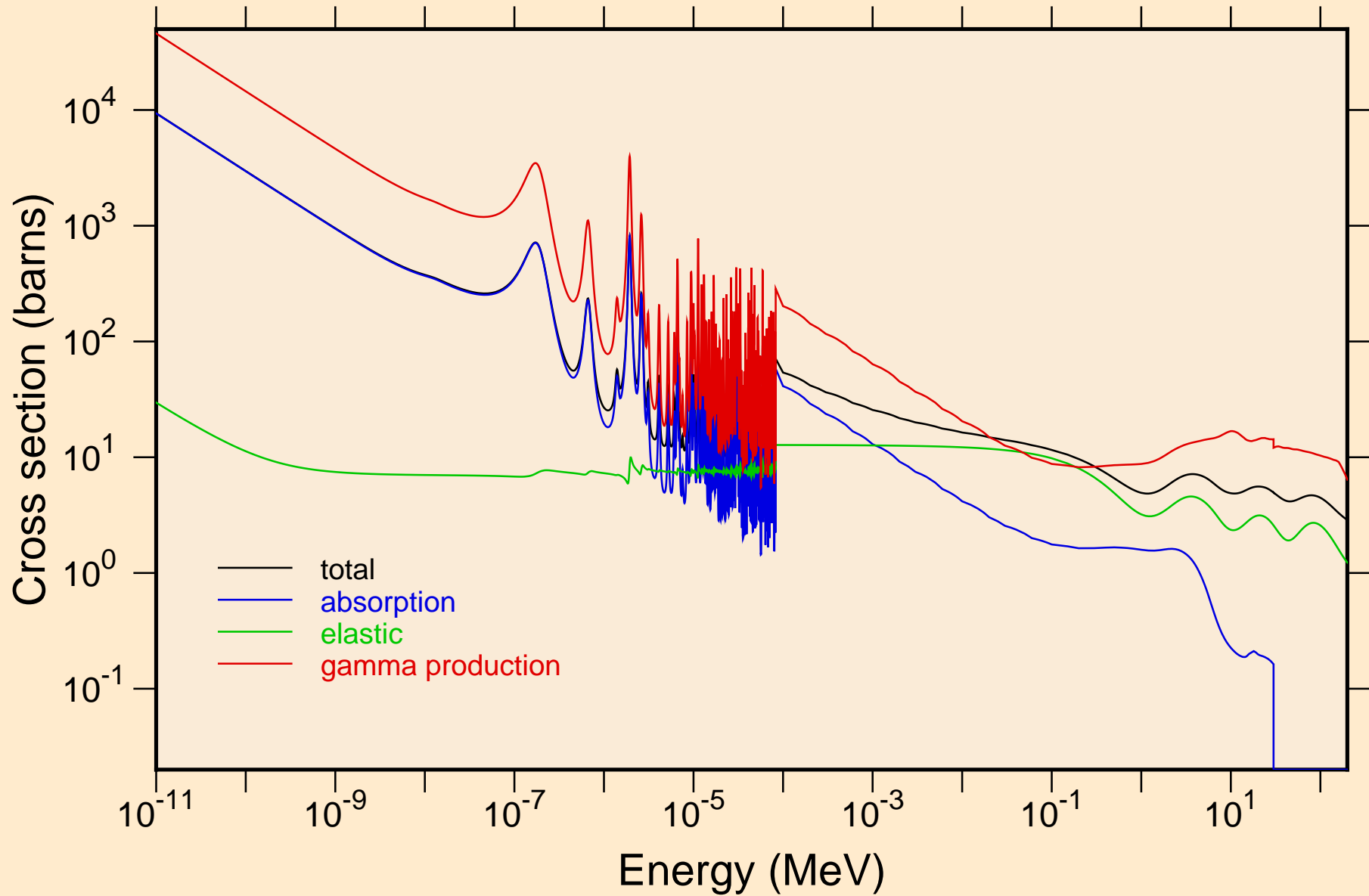
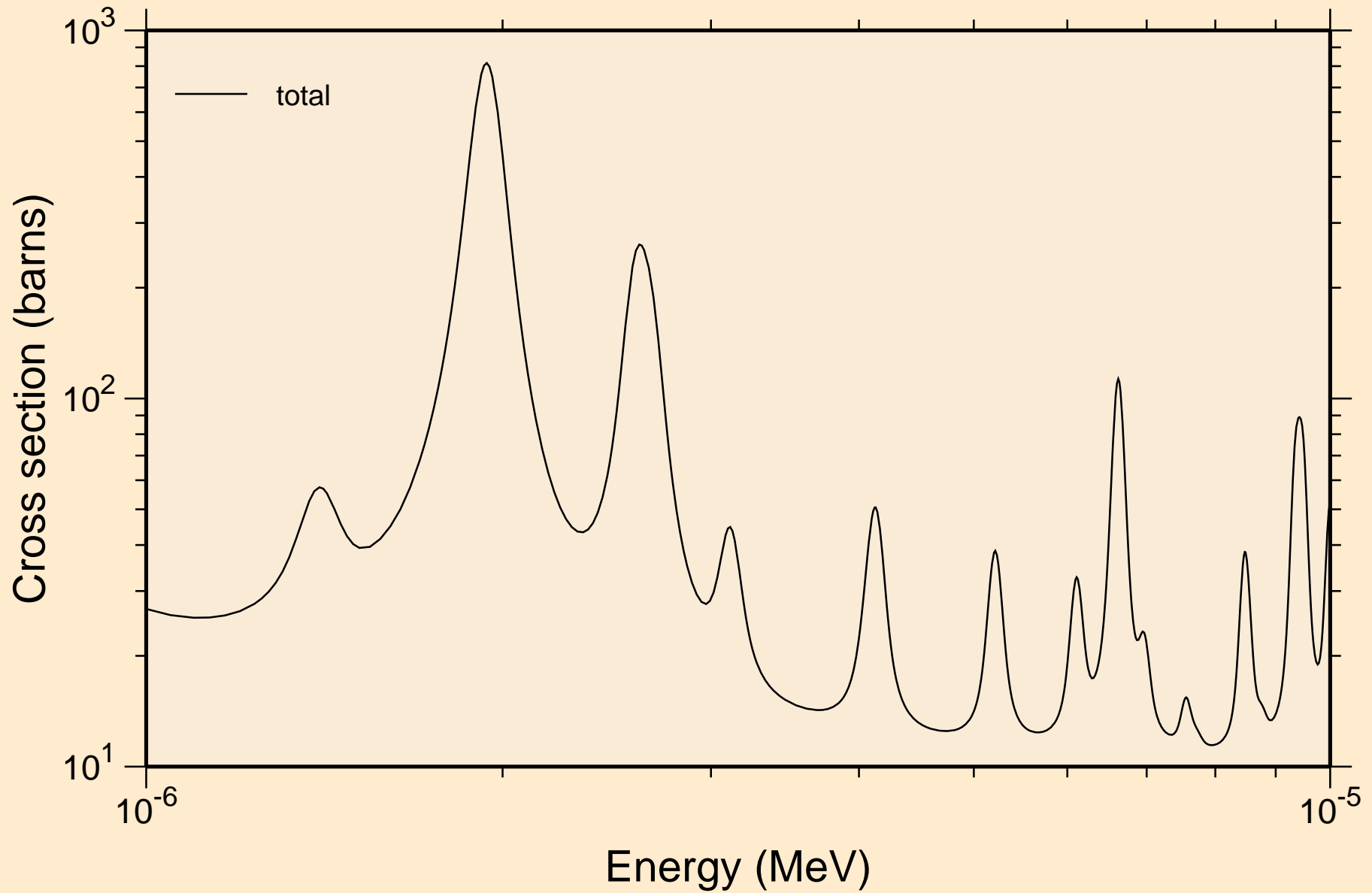


# BI194 NRG TENDL-2015, AKONING

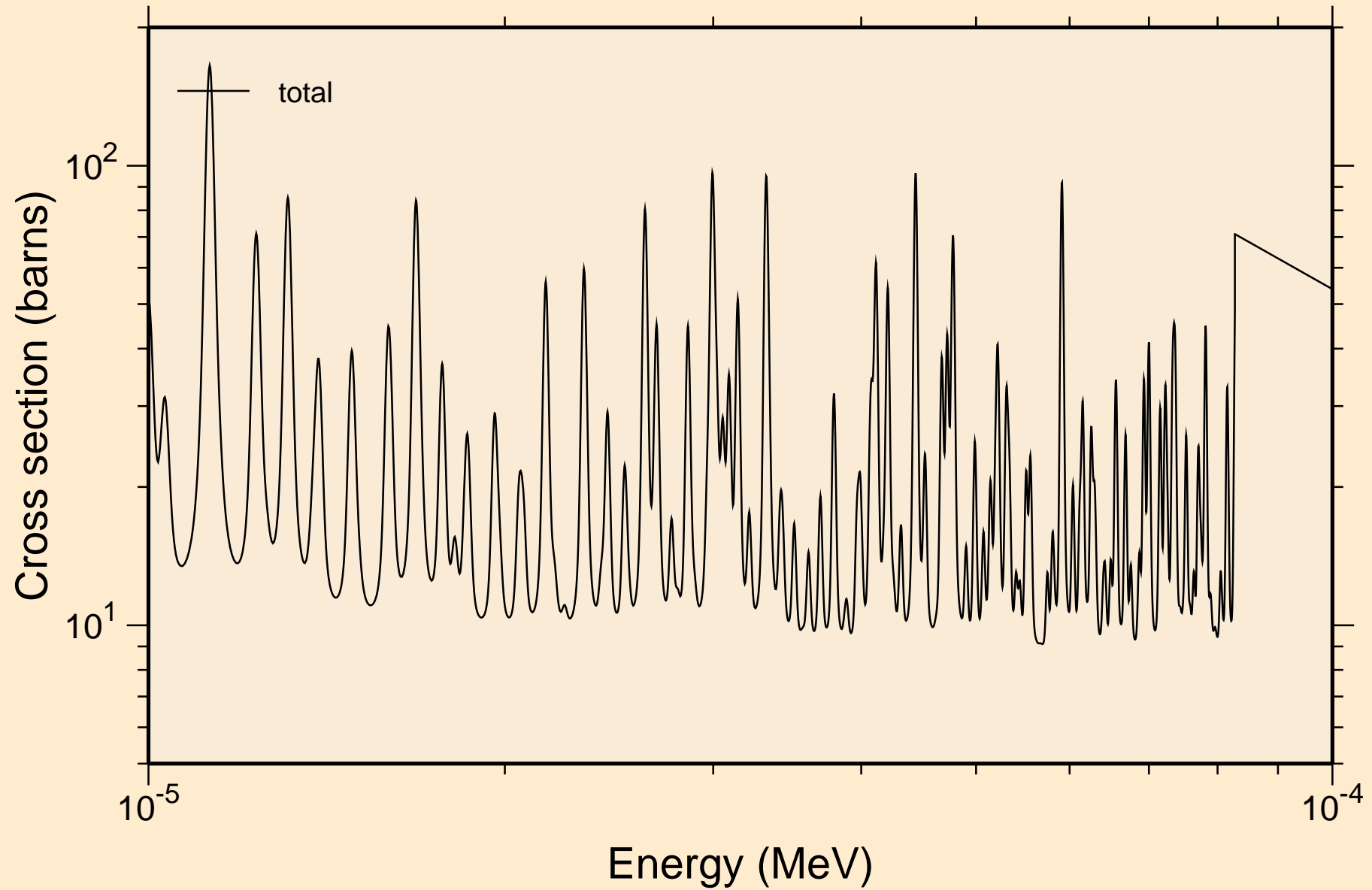
## Principal cross sections



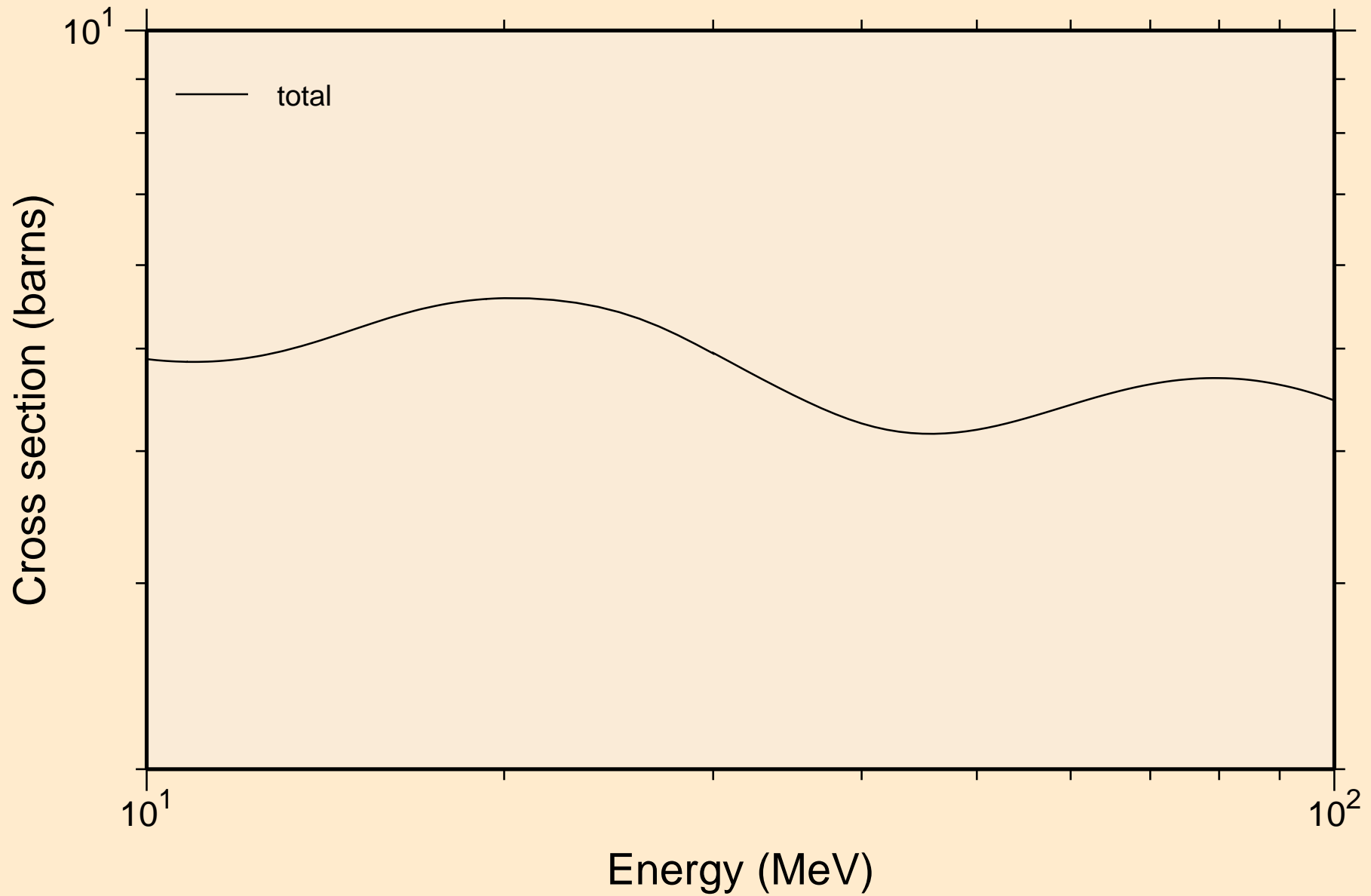
BI194 NRG TENDL-2015, AKONING  
resonance total cross section



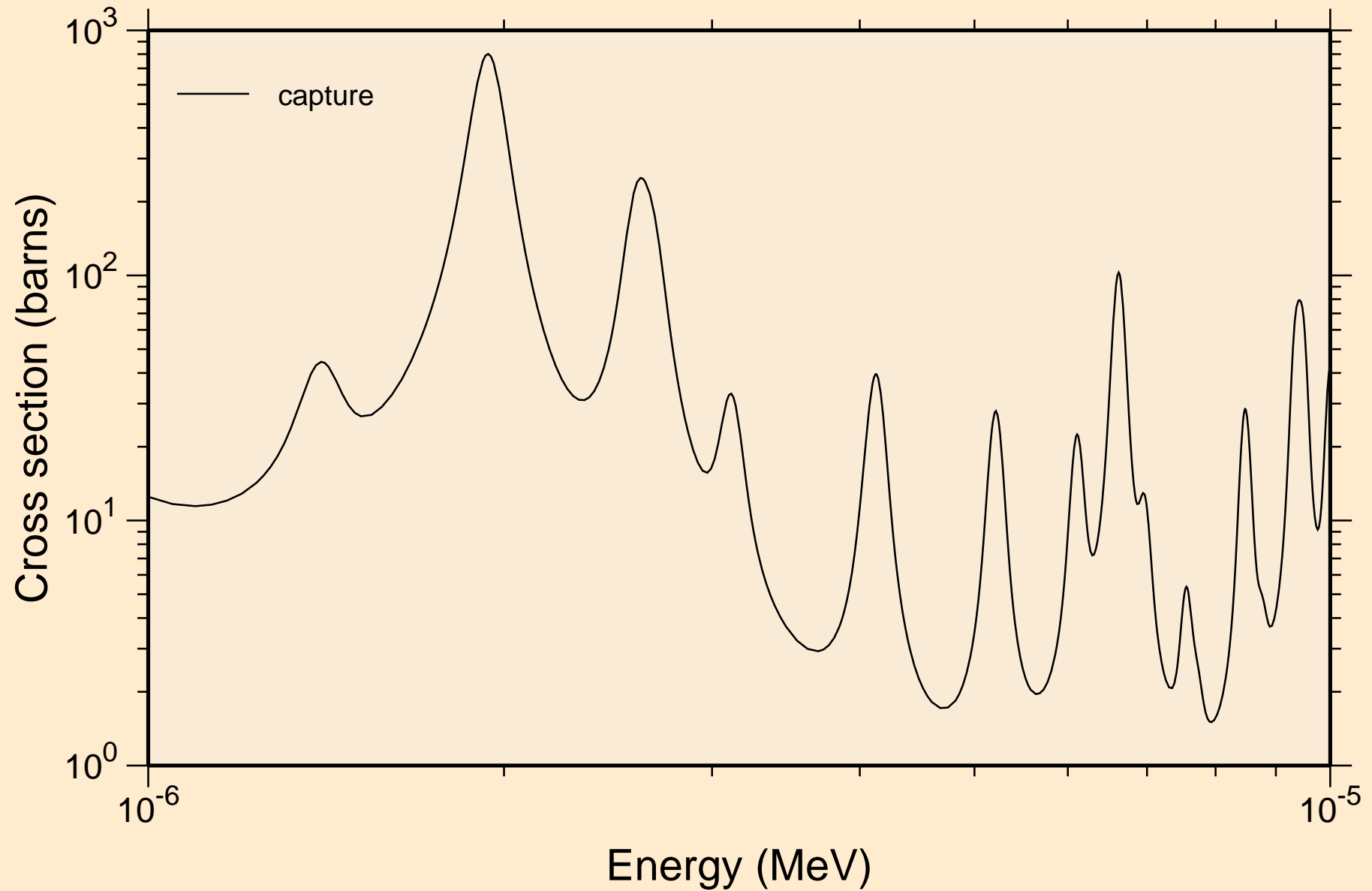
BI194 NRG TENDL-2015, AKONING  
resonance total cross section



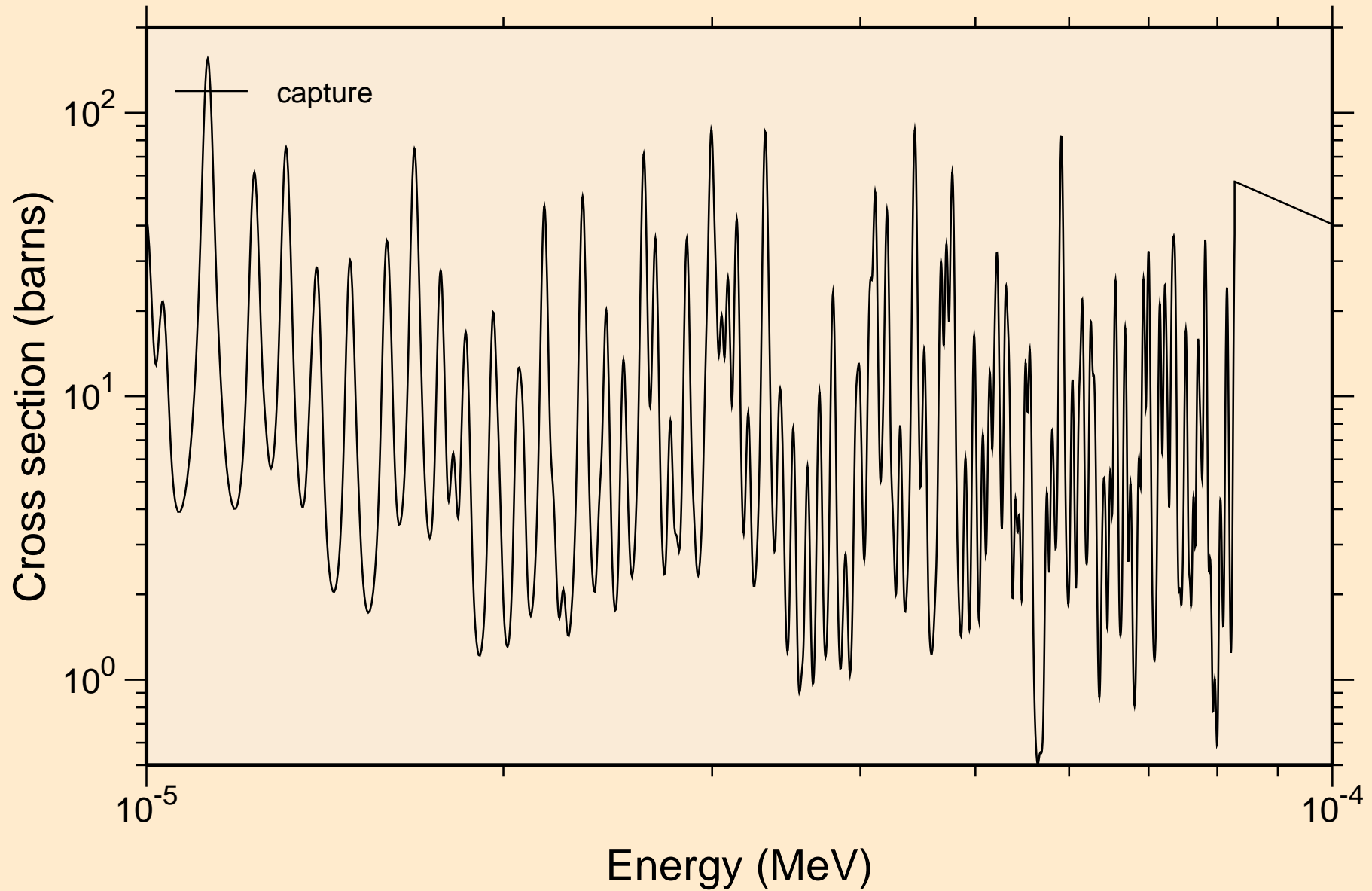
BI194 NRG TENDL-2015, AKONING  
resonance total cross section



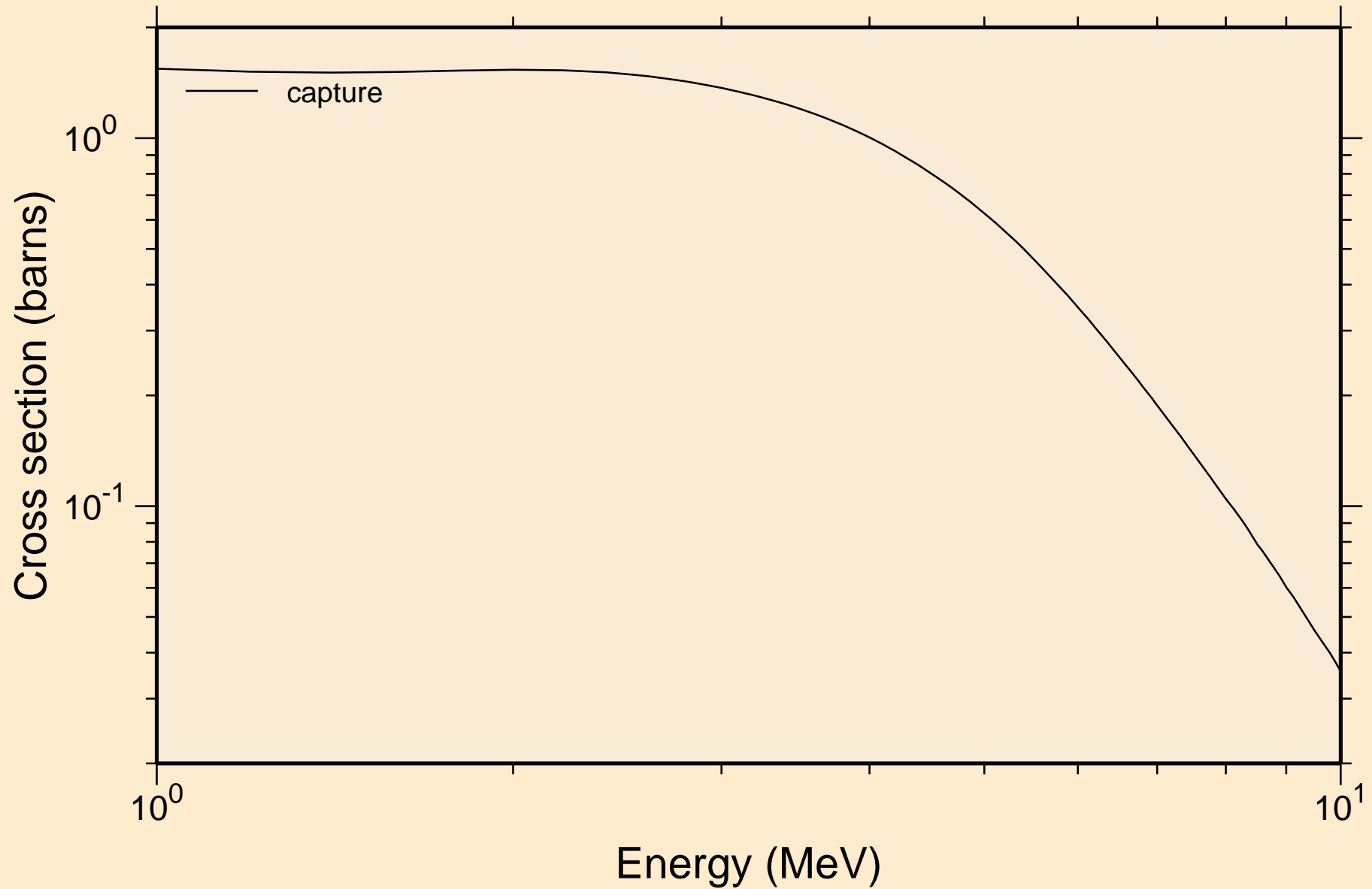
BI194 NRG TENDL-2015, AKONING  
resonance absorption cross sections



BI194 NRG TENDL-2015, AKONING  
resonance absorption cross sections

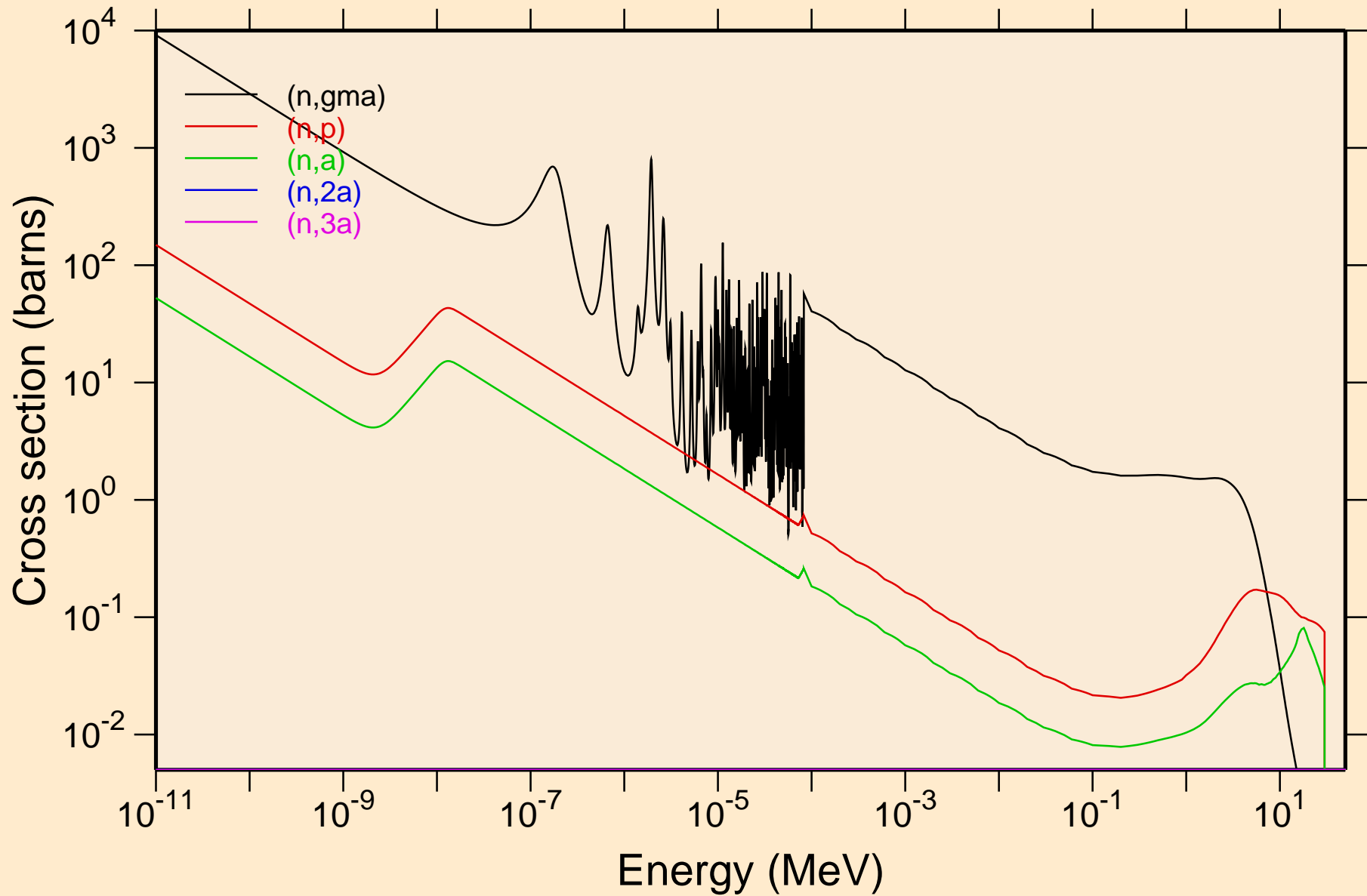


BI194 NRG TENDL-2015, AKONING  
resonance absorption cross sections



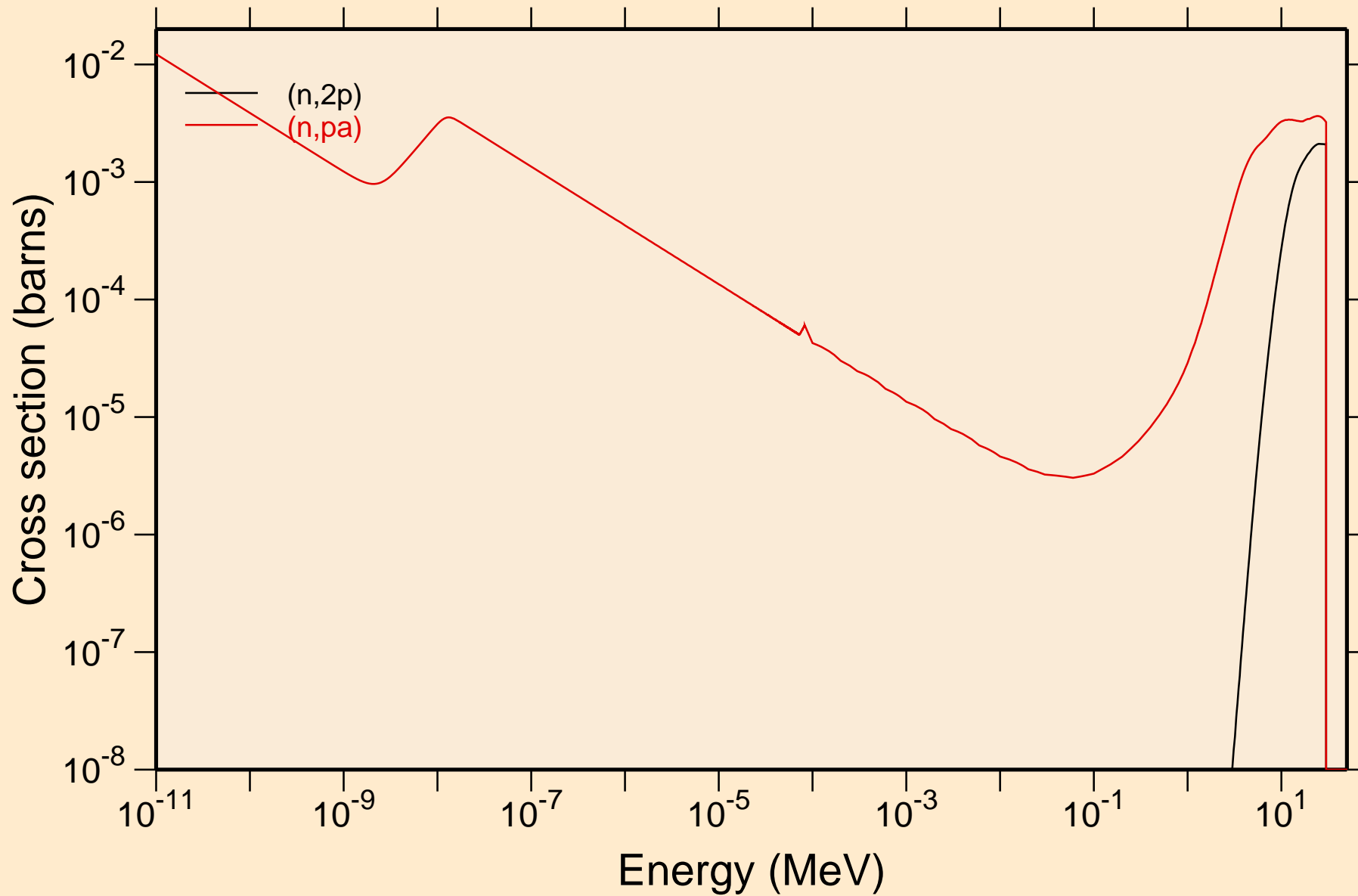
# BI194 NRG TENDL-2015, AKONING

## Non-threshold reactions



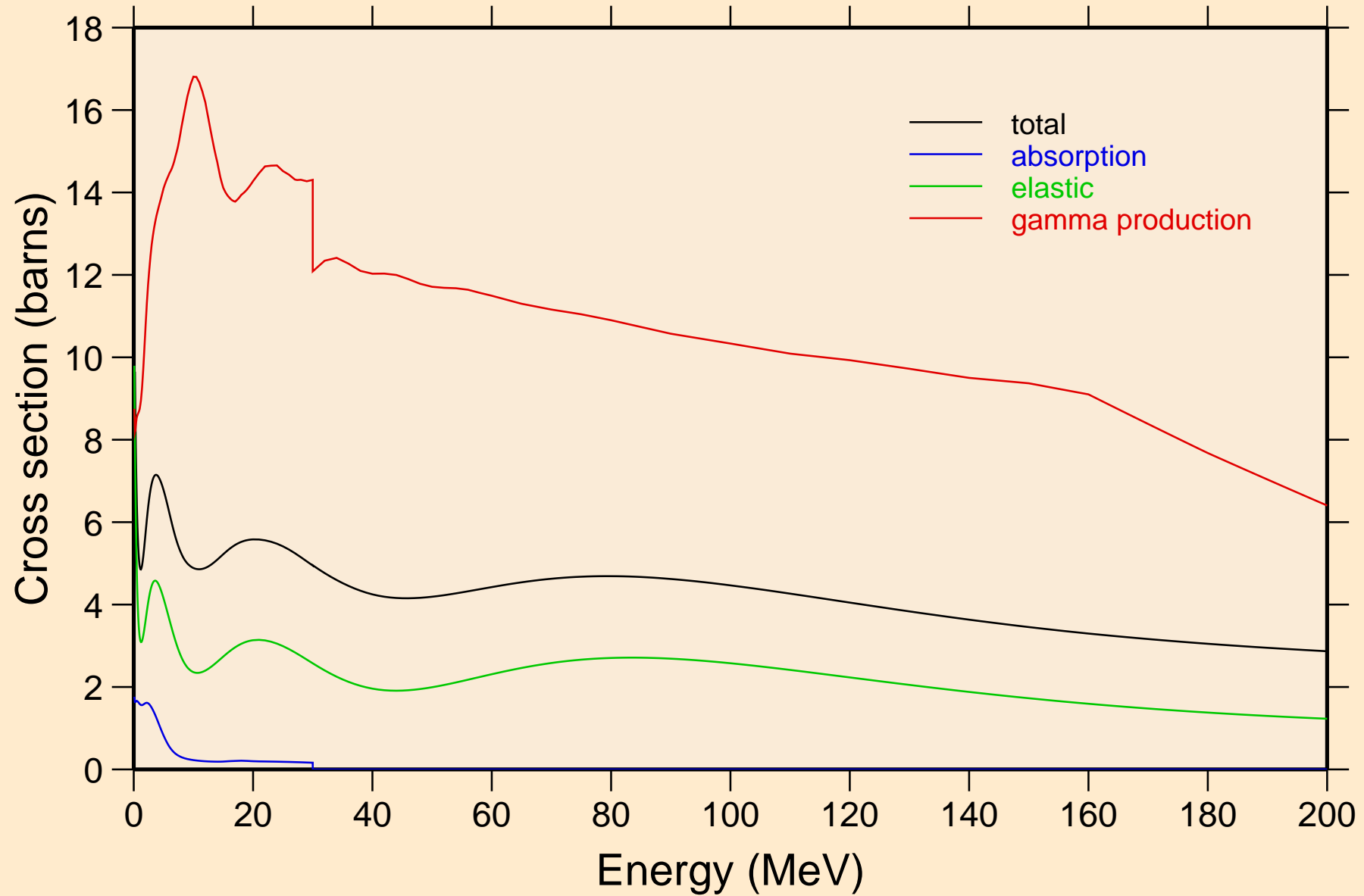


BI194 NRG TENDL-2015, AKONING  
Non-threshold reactions



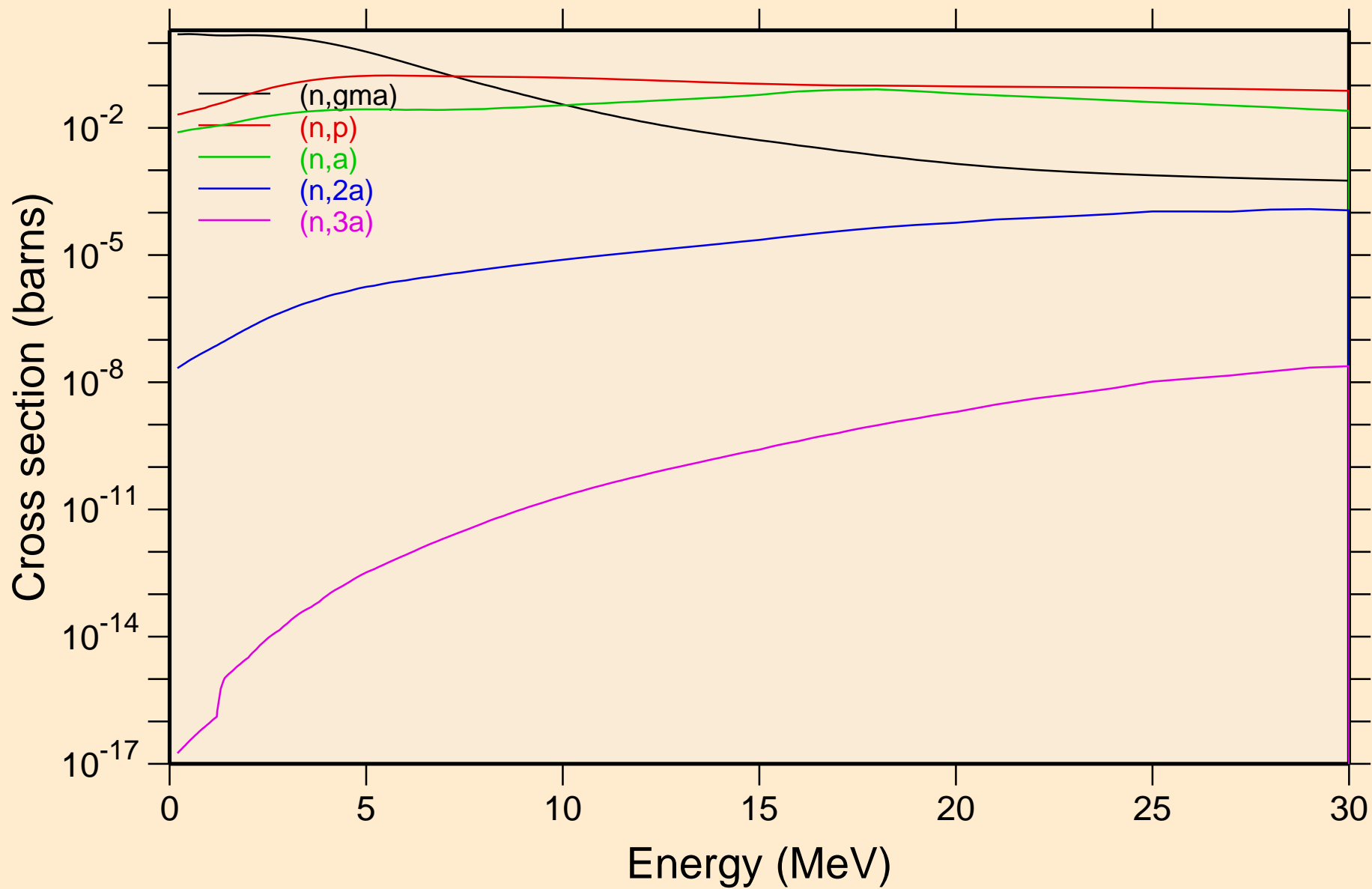
# BI194 NRG TENDL-2015, AKONING

## Principal cross sections

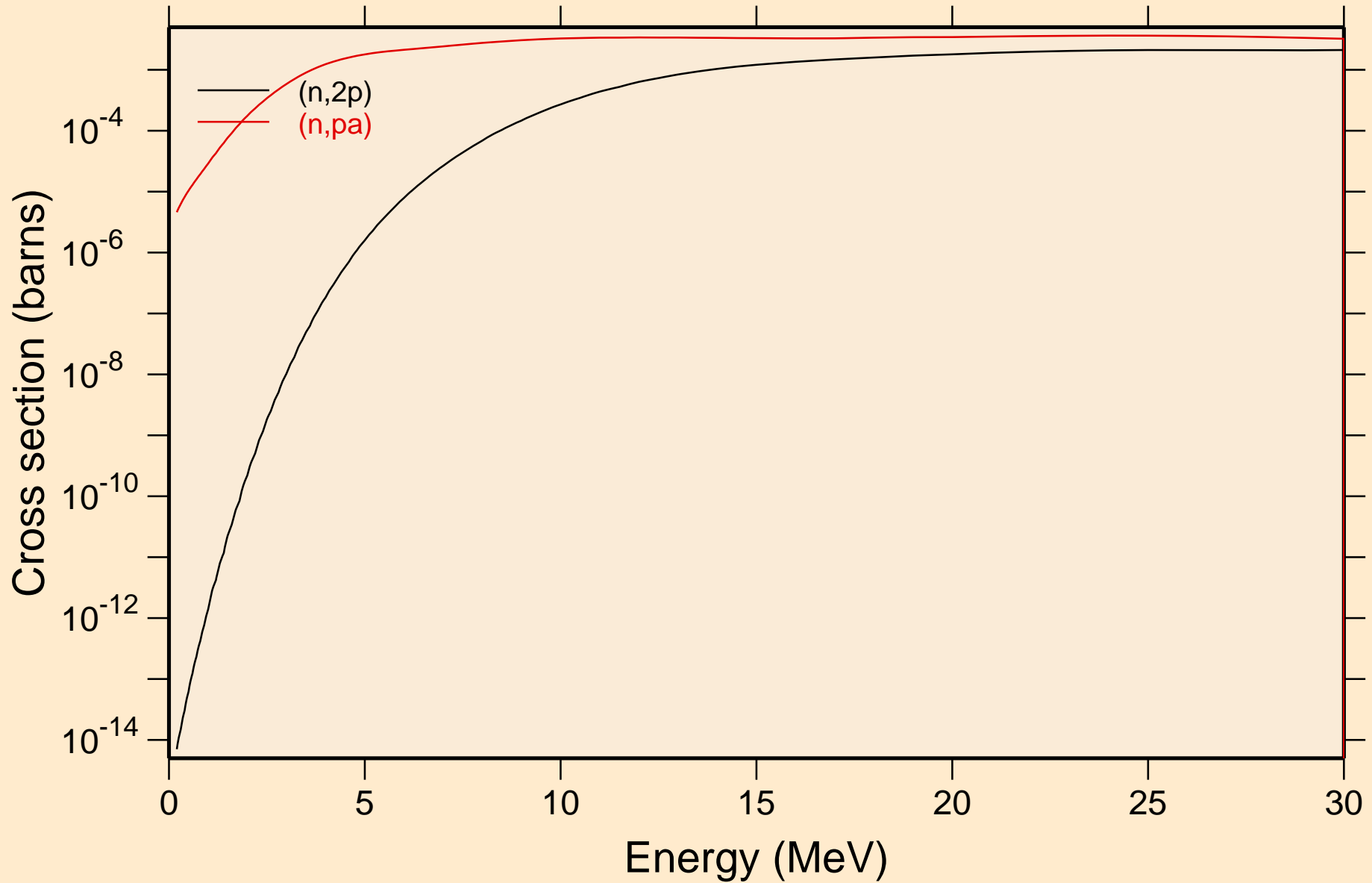


# BI194 NRG TENDL-2015, AKONING

## Non-threshold reactions

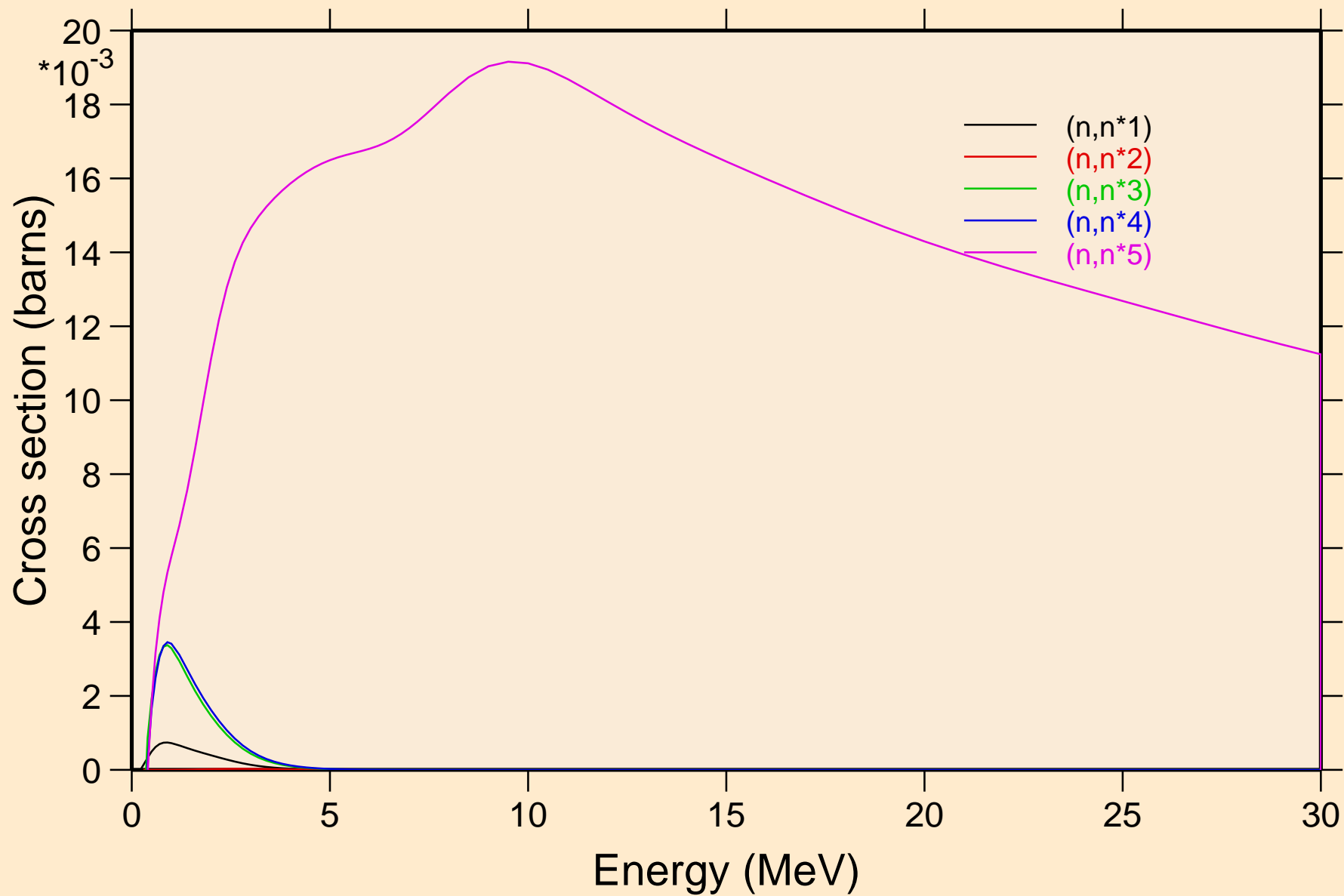


BI194 NRG TENDL-2015, AKONING  
Non-threshold reactions



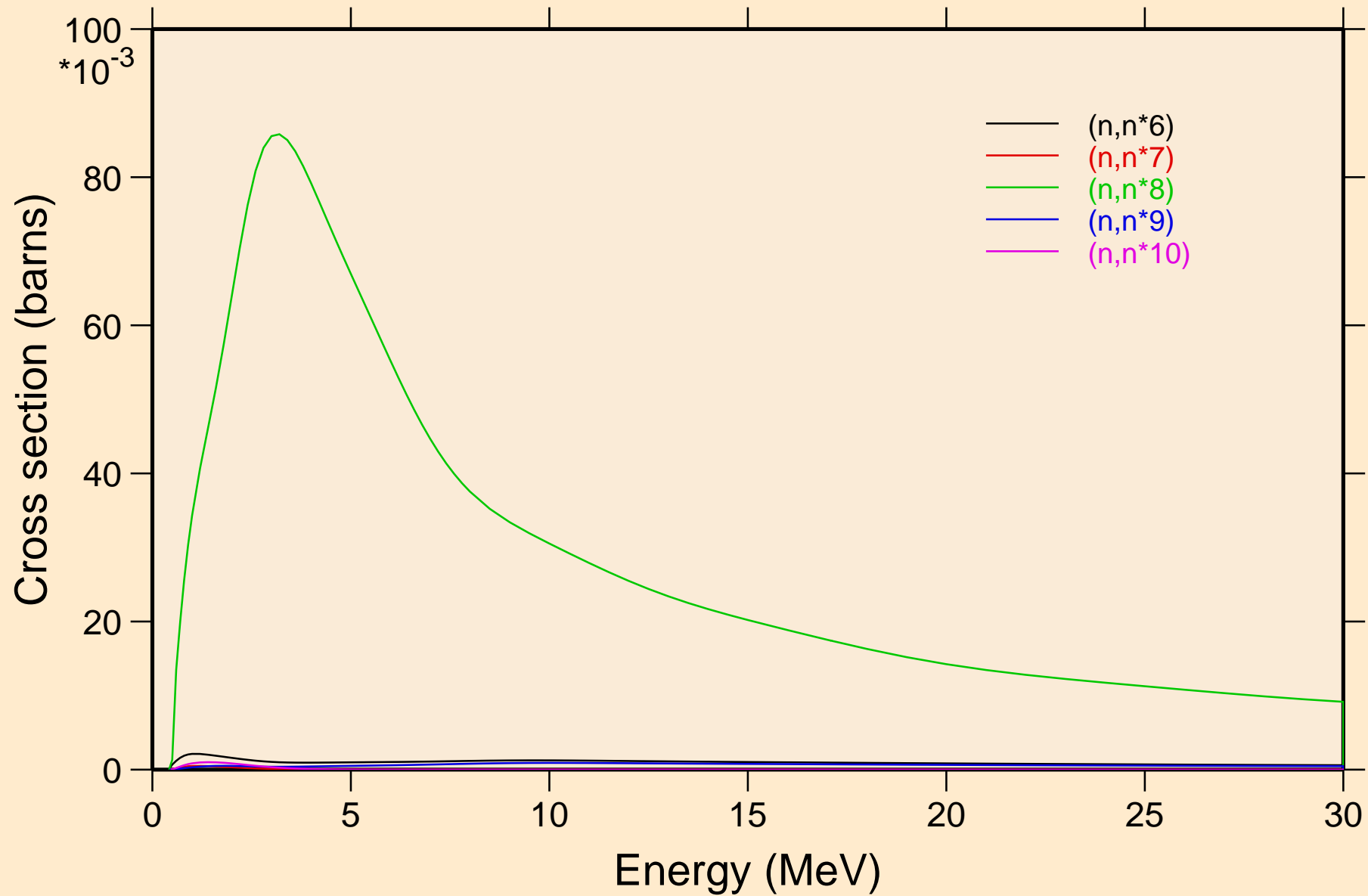
# BI194 NRG TENDL-2015, AKONING

## Inelastic levels



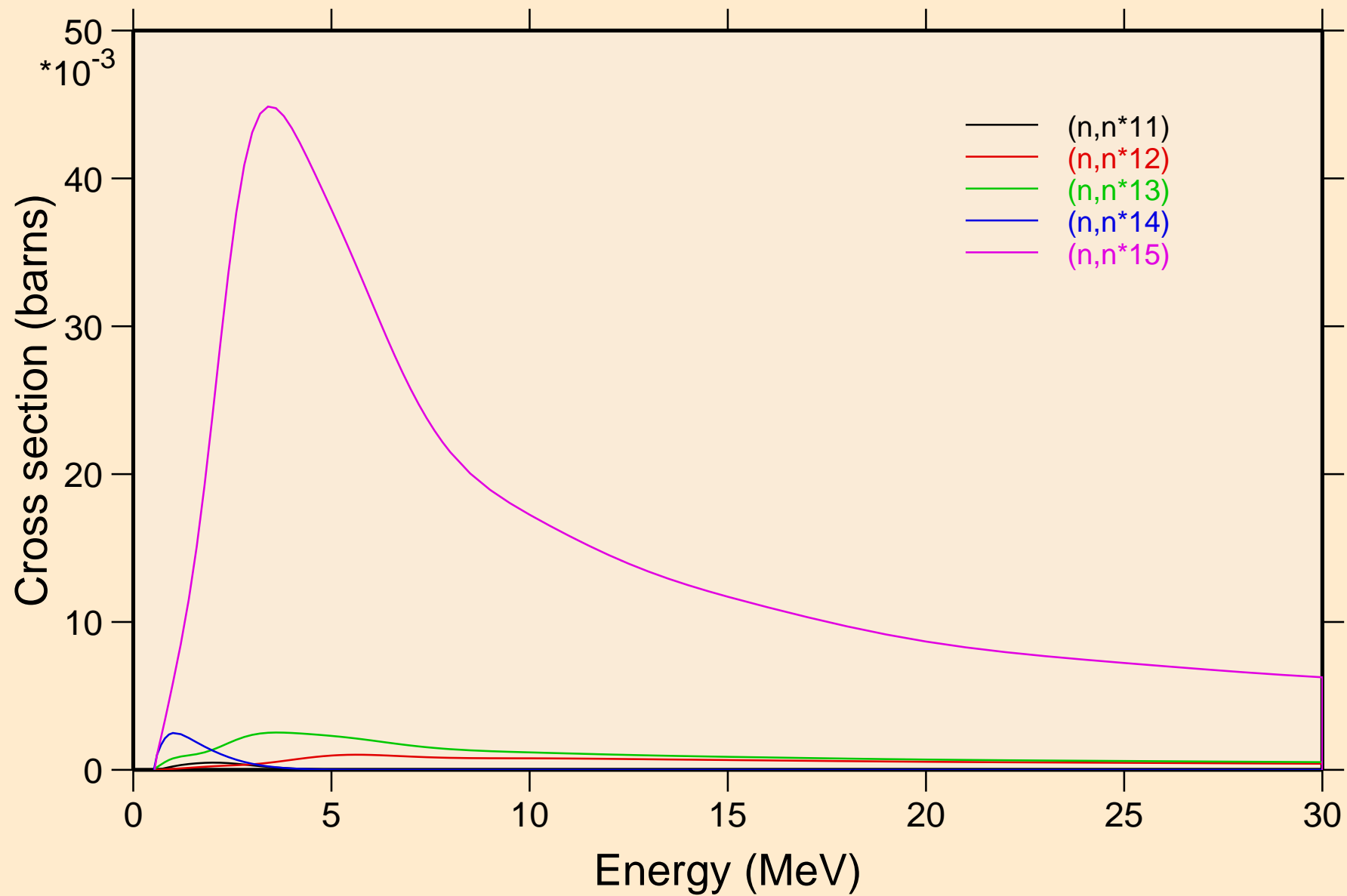
# BI194 NRG TENDL-2015, AKONING

## Inelastic levels



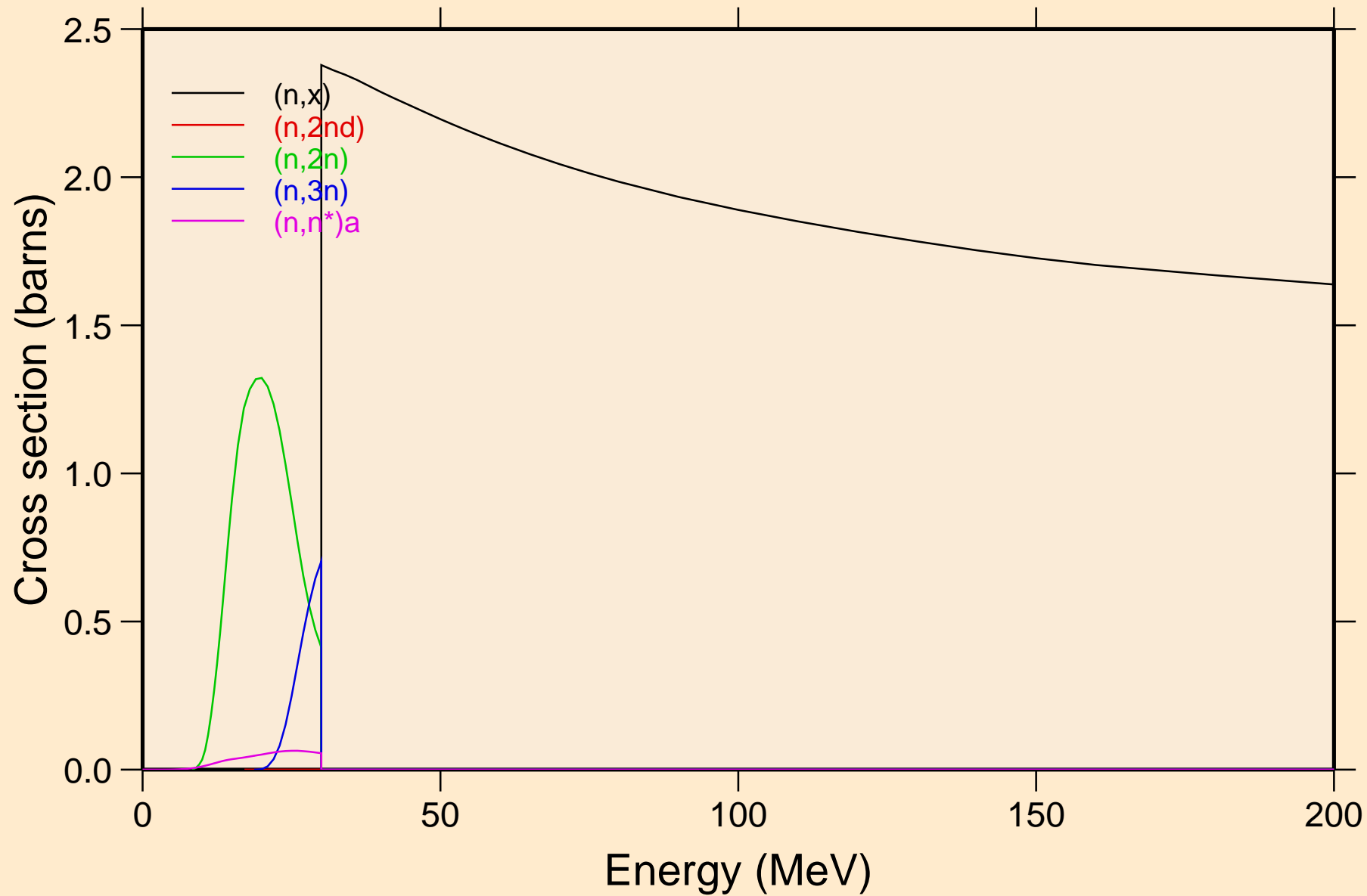
# BI194 NRG TENDL-2015, AKONING

## Inelastic levels



# BI194 NRG TENDL-2015, AKONING

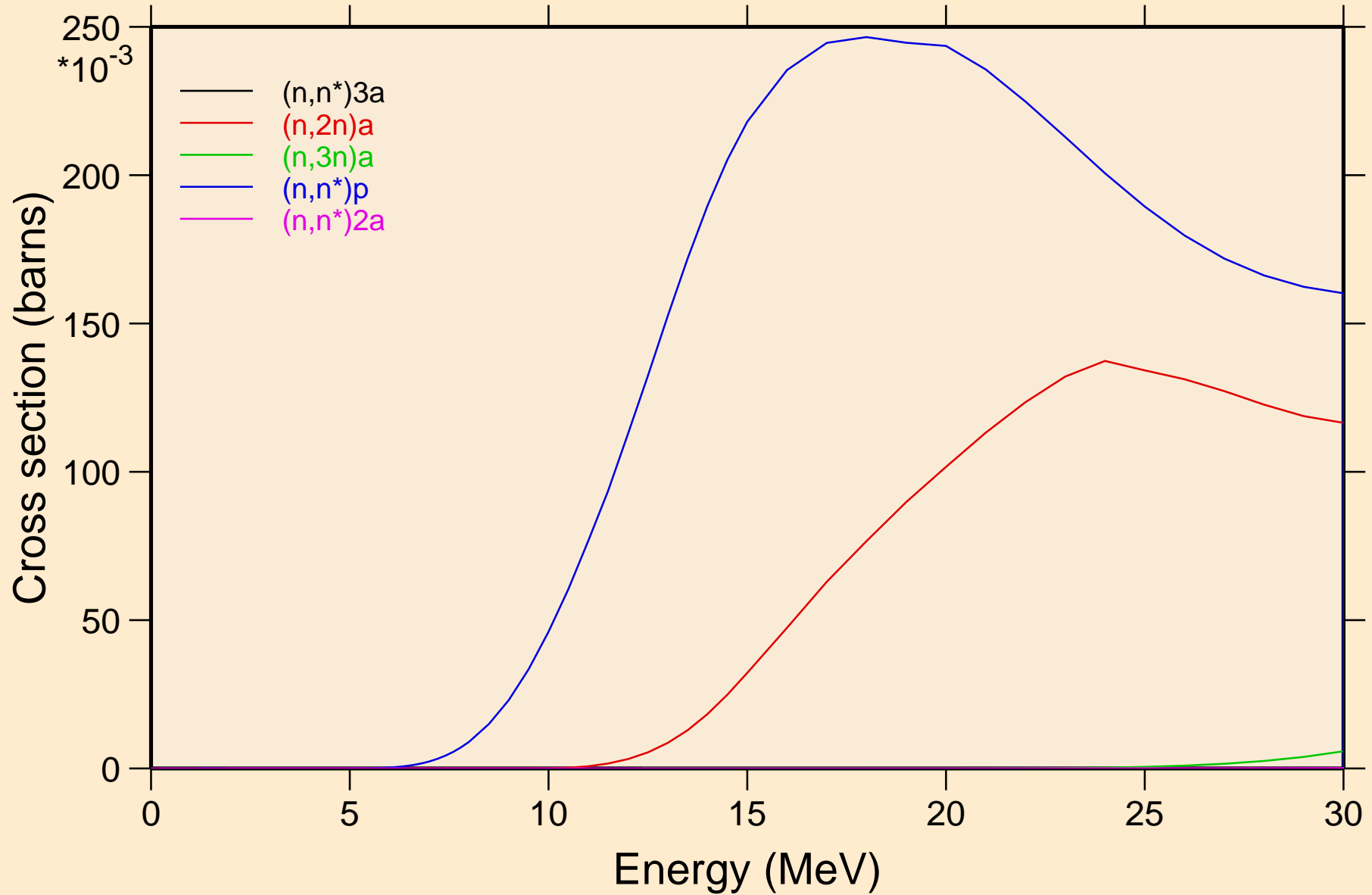
## Threshold reactions





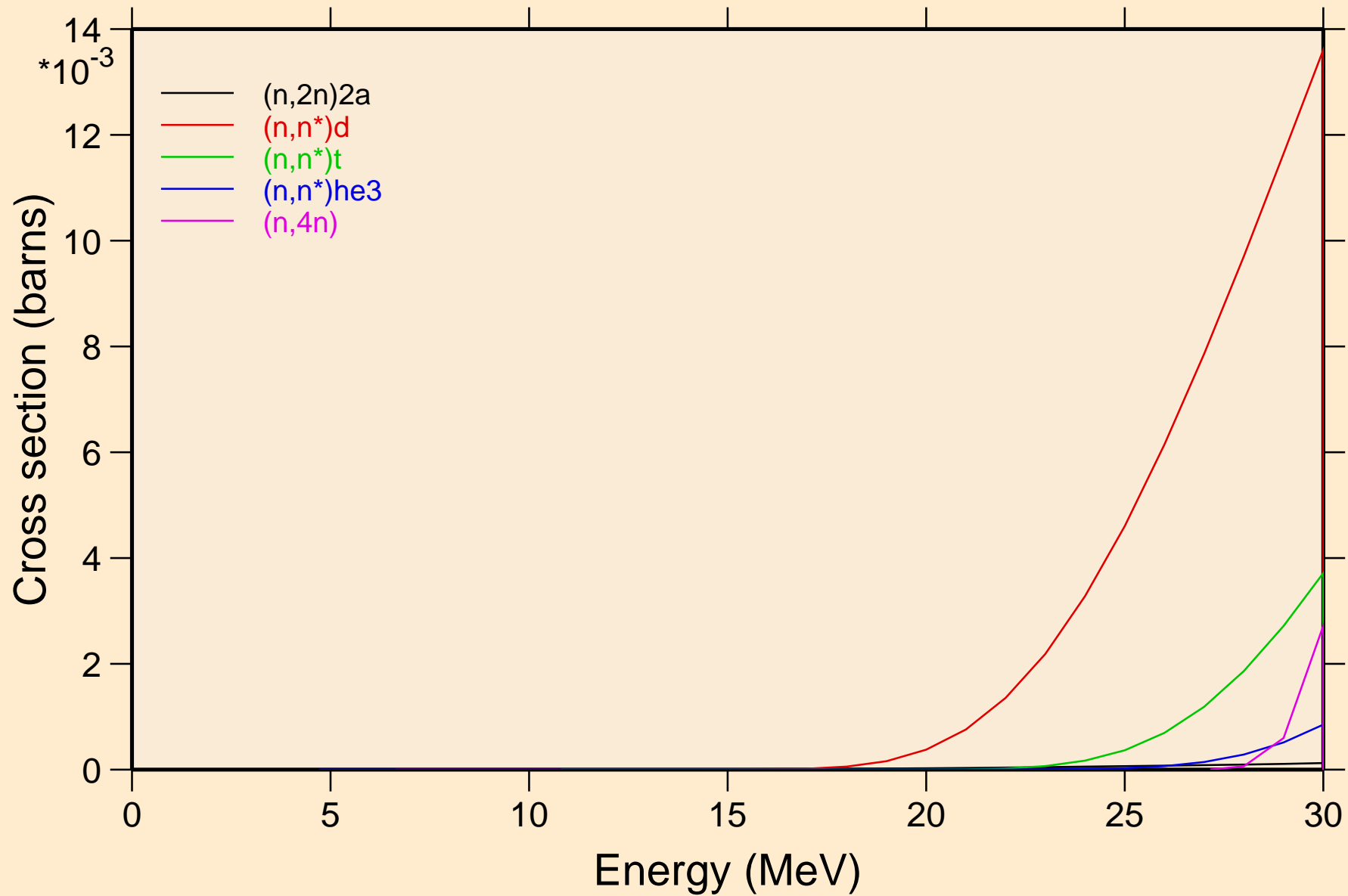
# BI194 NRG TENDL-2015, AKONING

## Threshold reactions



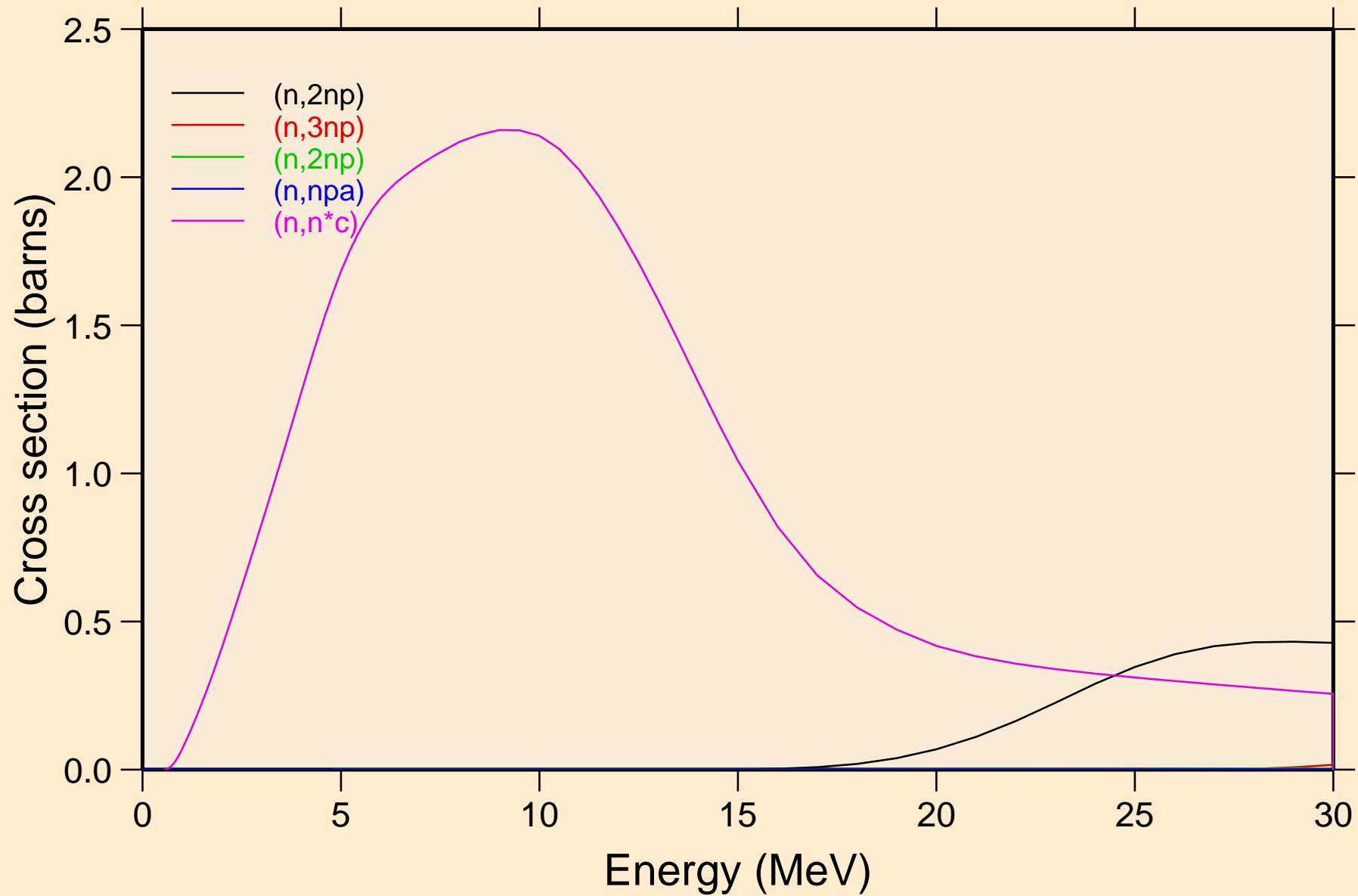
# BI194 NRG TENDL-2015, AKONING

## Threshold reactions



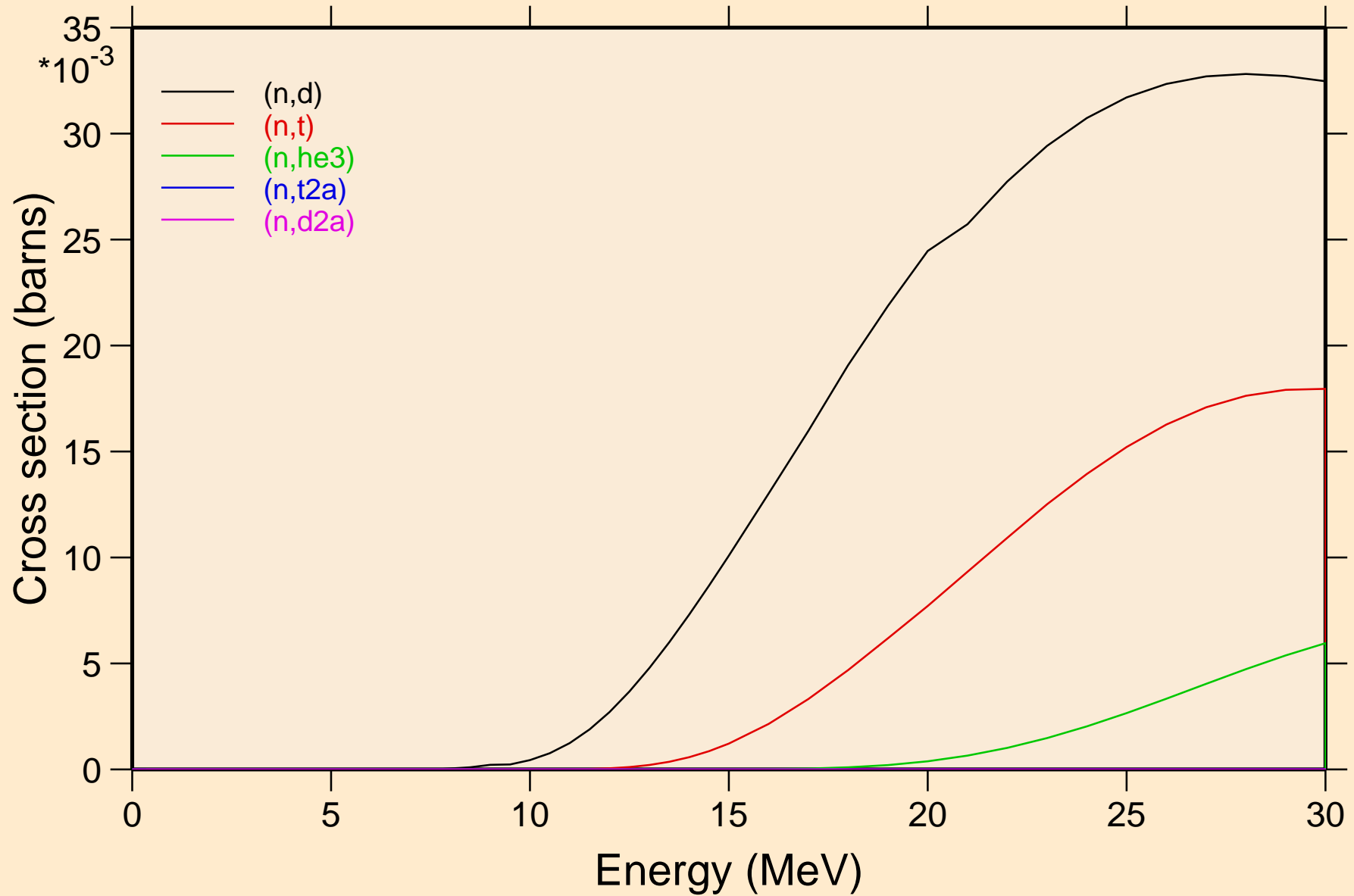
# BI194 NRG TENDL-2015, AKONING

## Threshold reactions



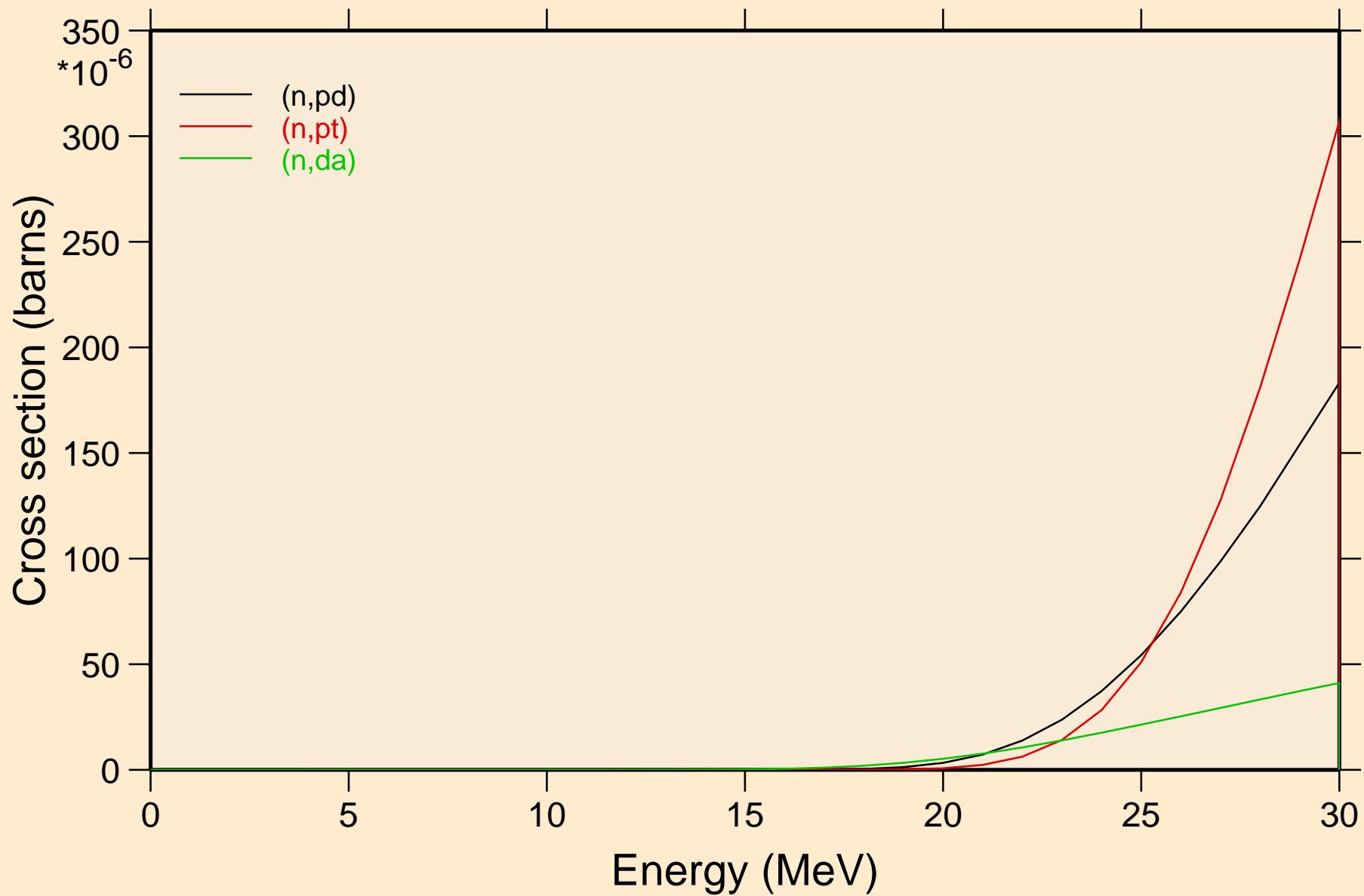
# BI194 NRG TENDL-2015, AKONING

## Threshold reactions

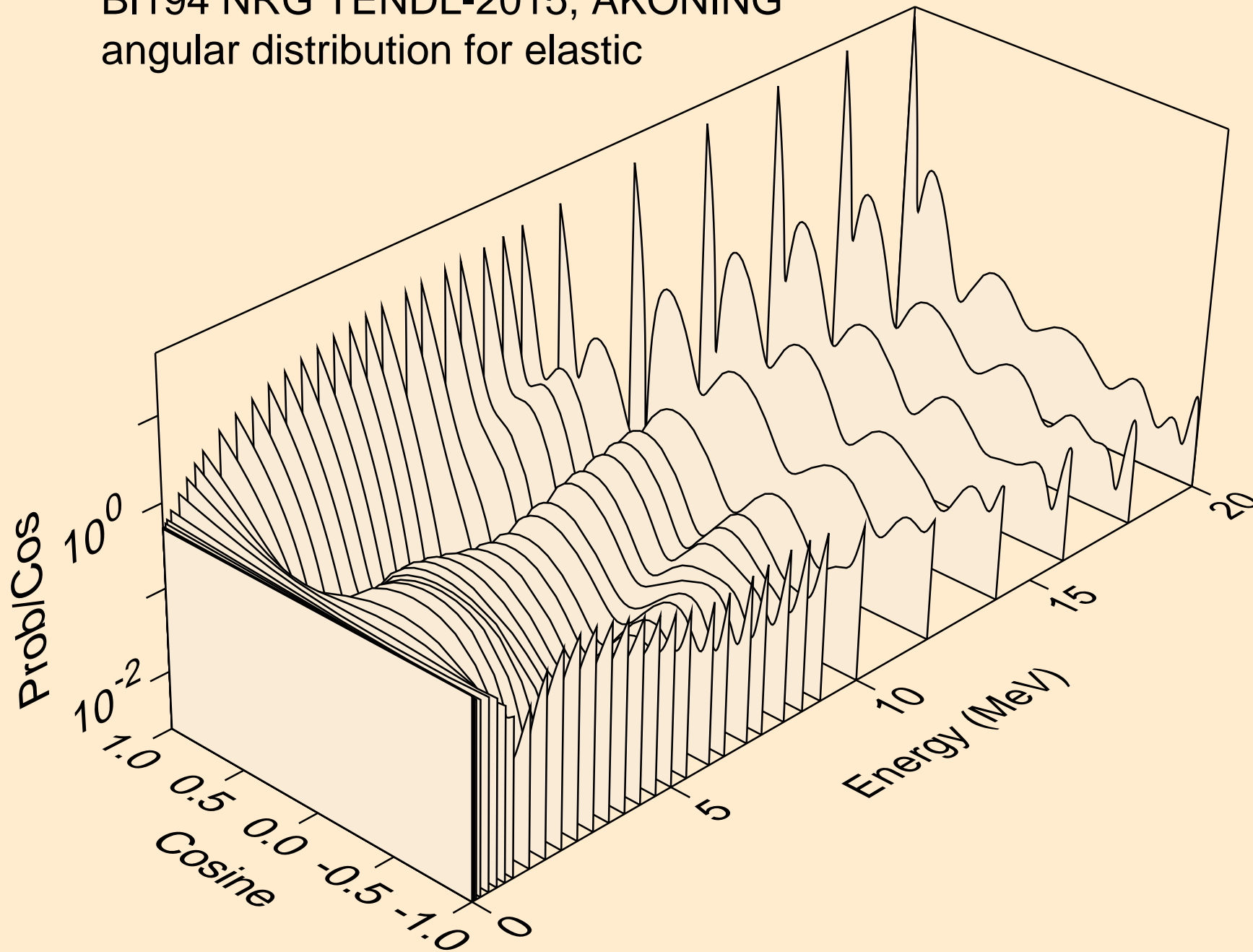


# BI194 NRG TENDL-2015, AKONING

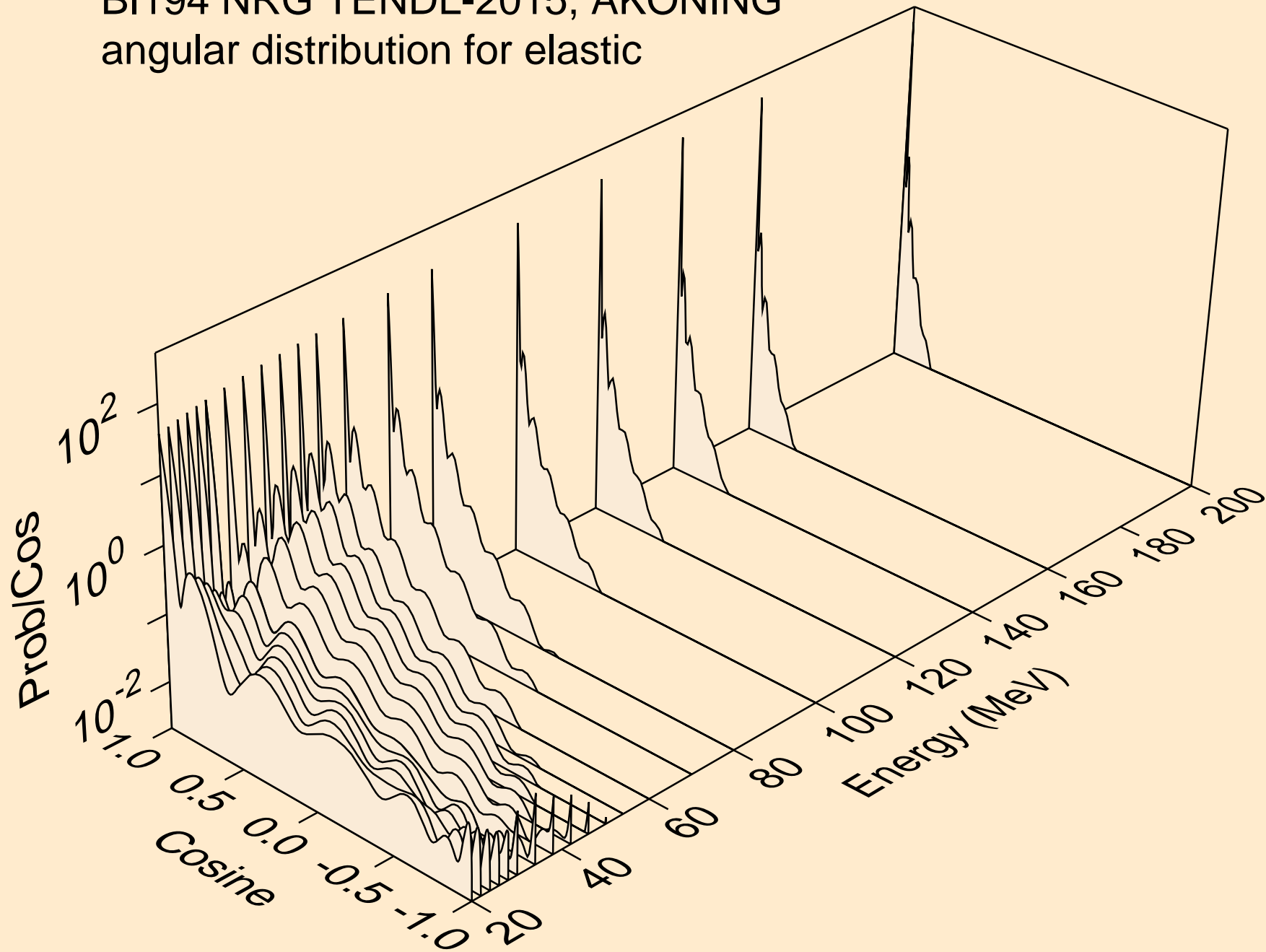
## Threshold reactions



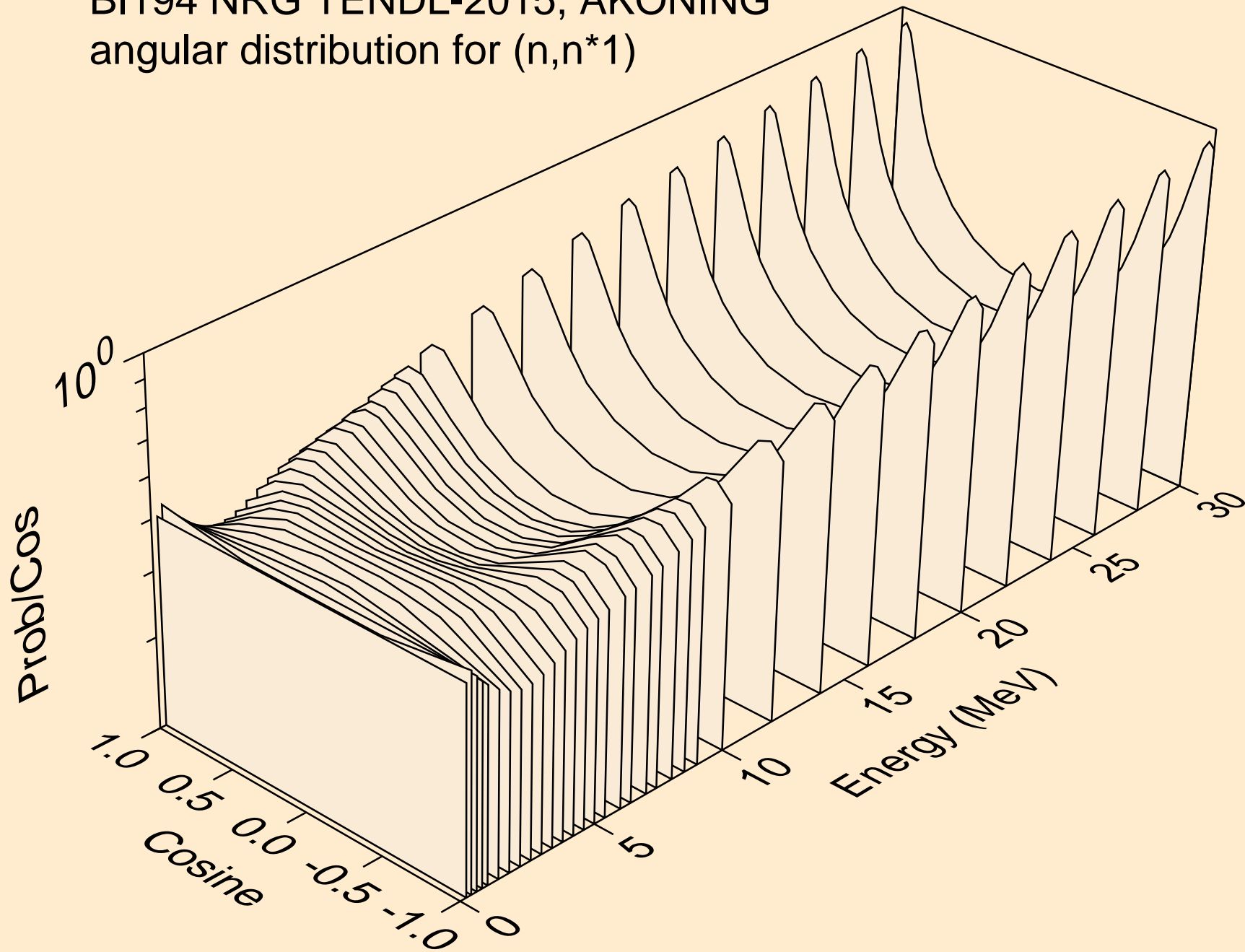
BI194 NRG TENDL-2015, AKONING  
angular distribution for elastic



BI194 NRG TENDL-2015, AKONING  
angular distribution for elastic

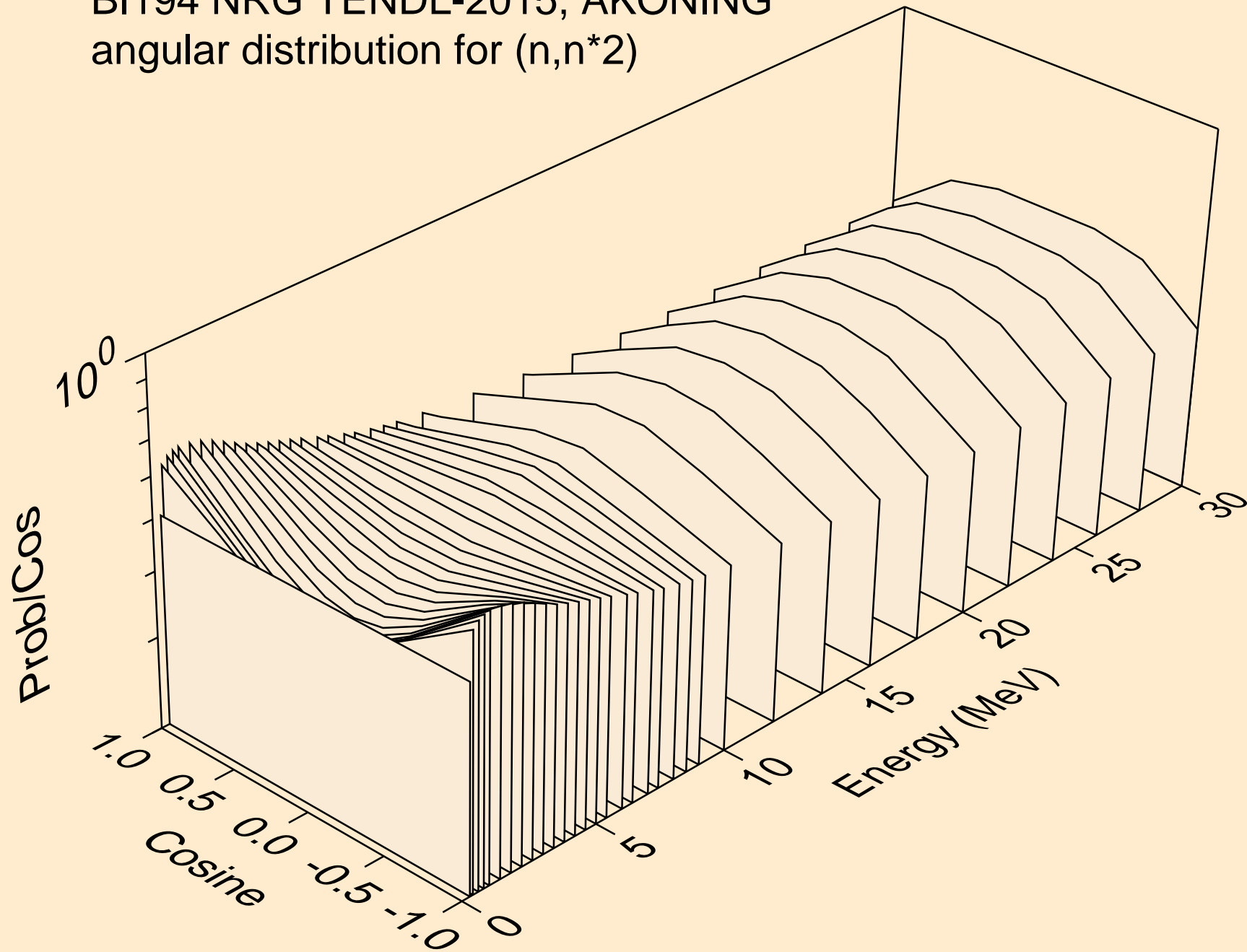


BI194 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)

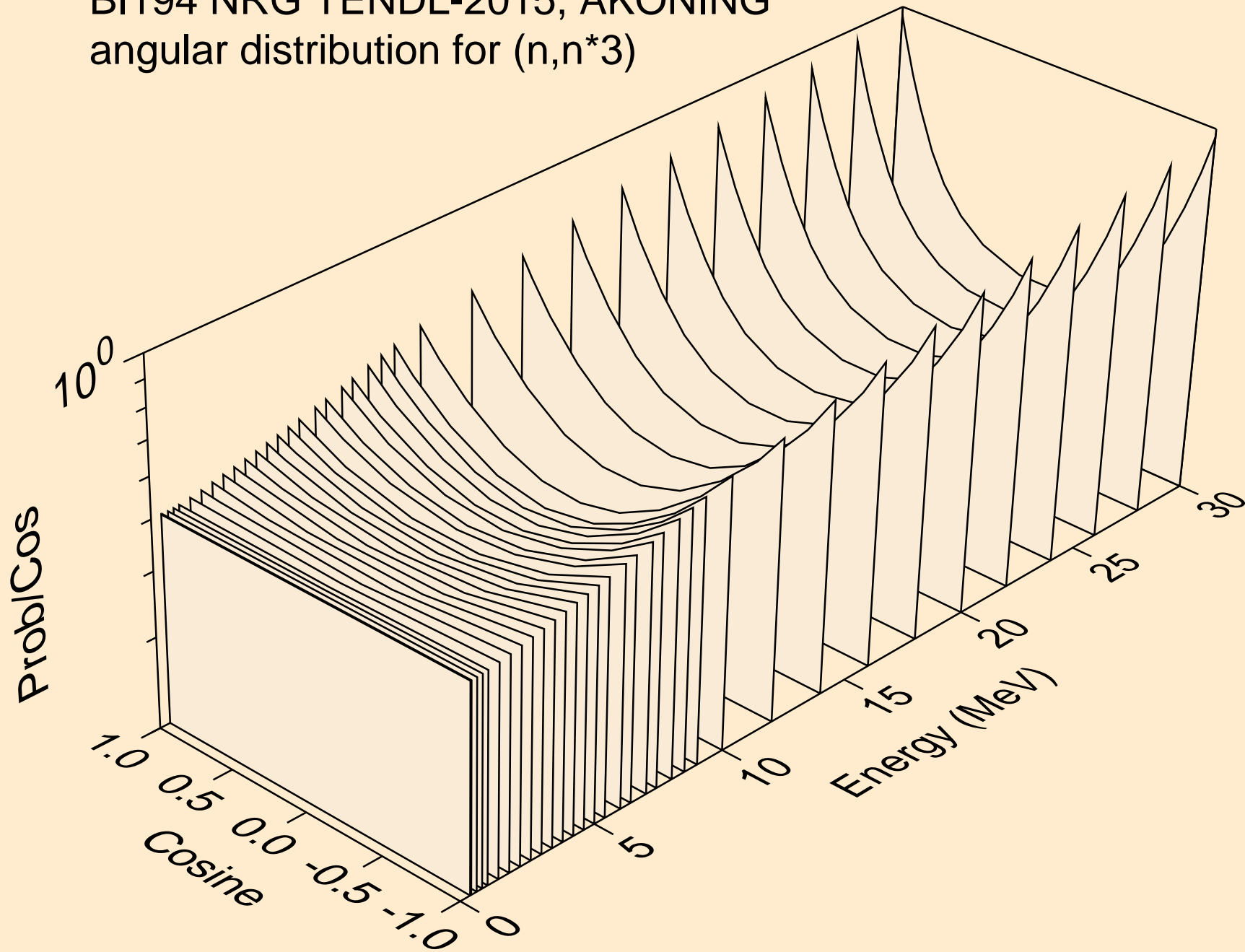




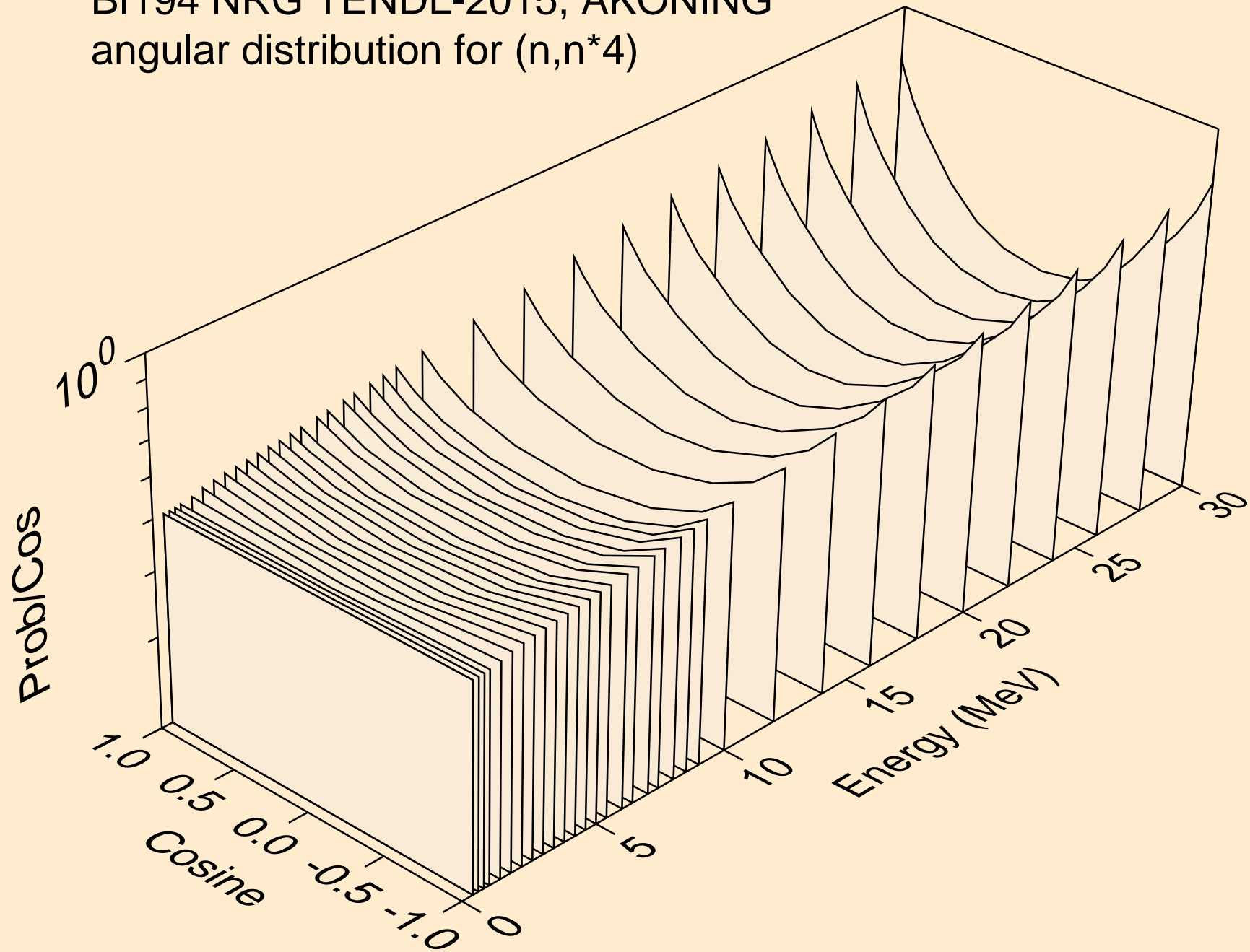
BI194 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



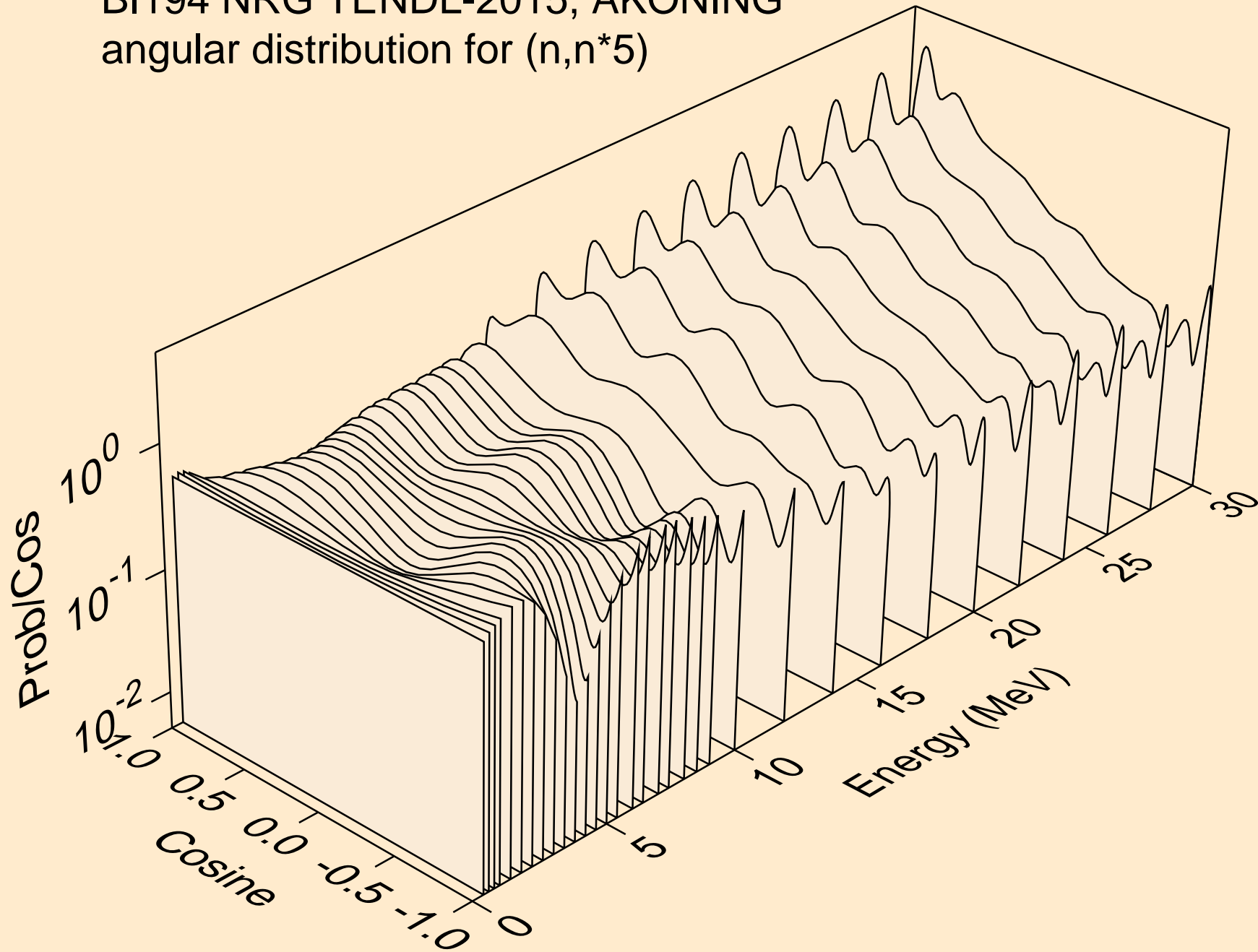
BI194 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



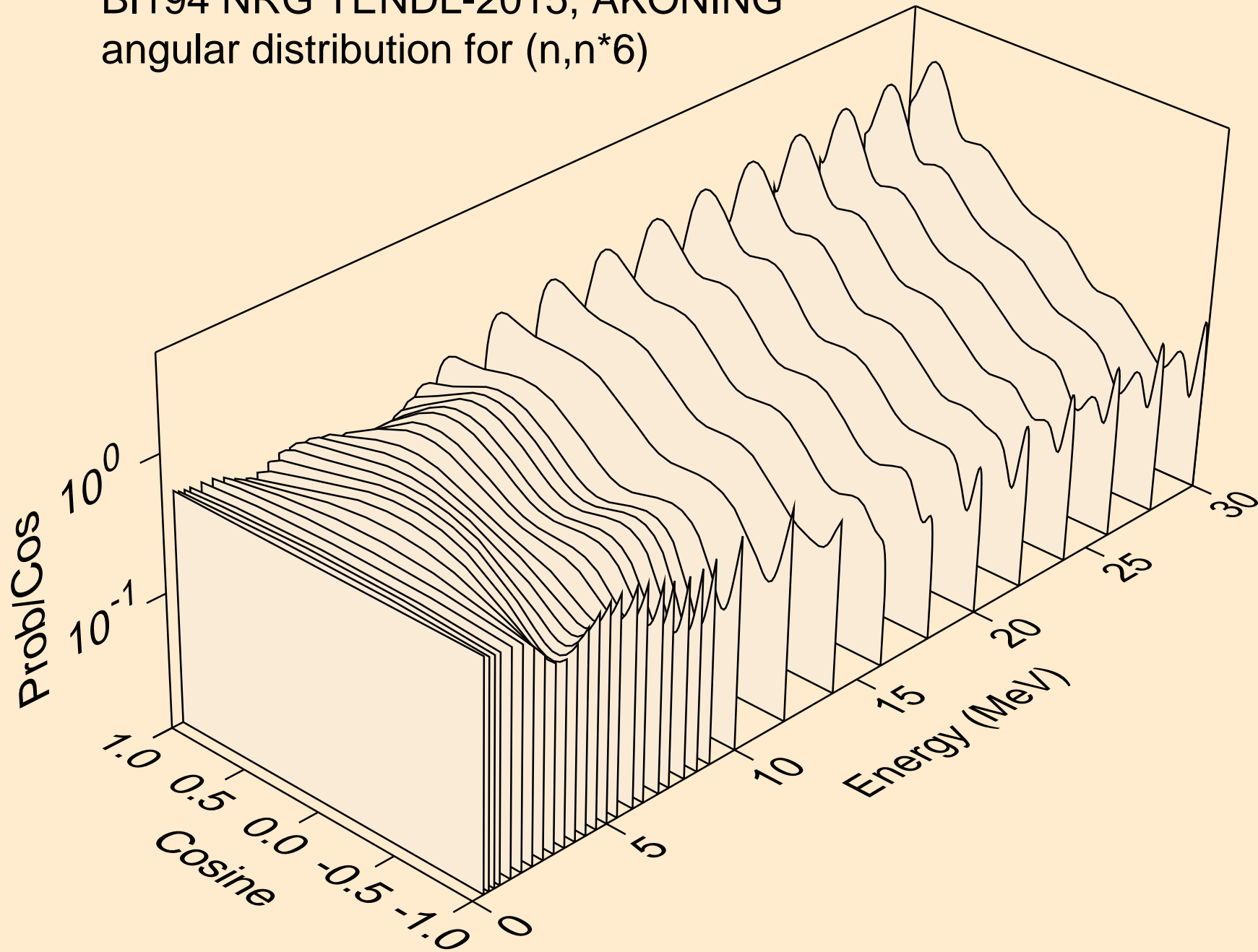
BI194 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



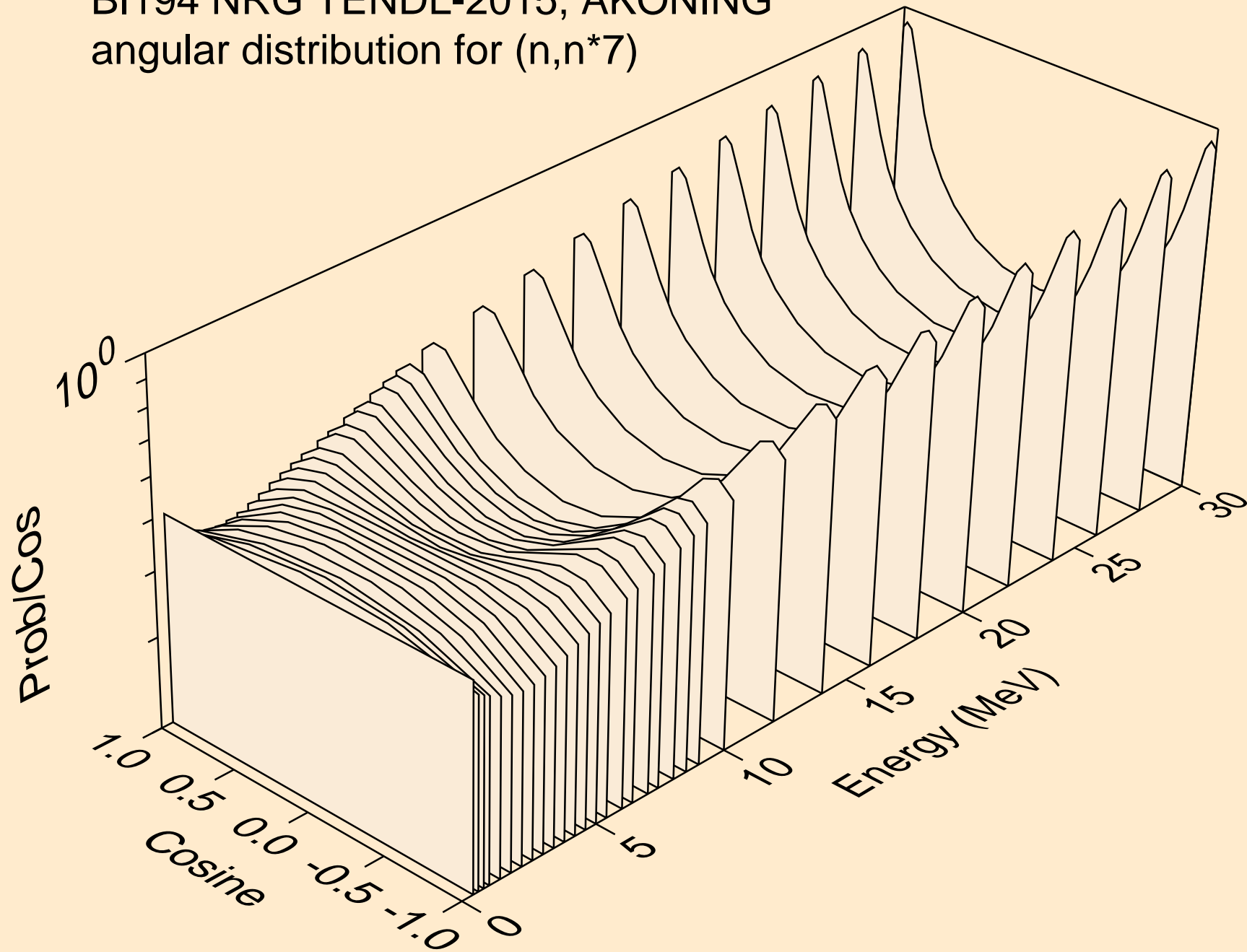
BI194 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



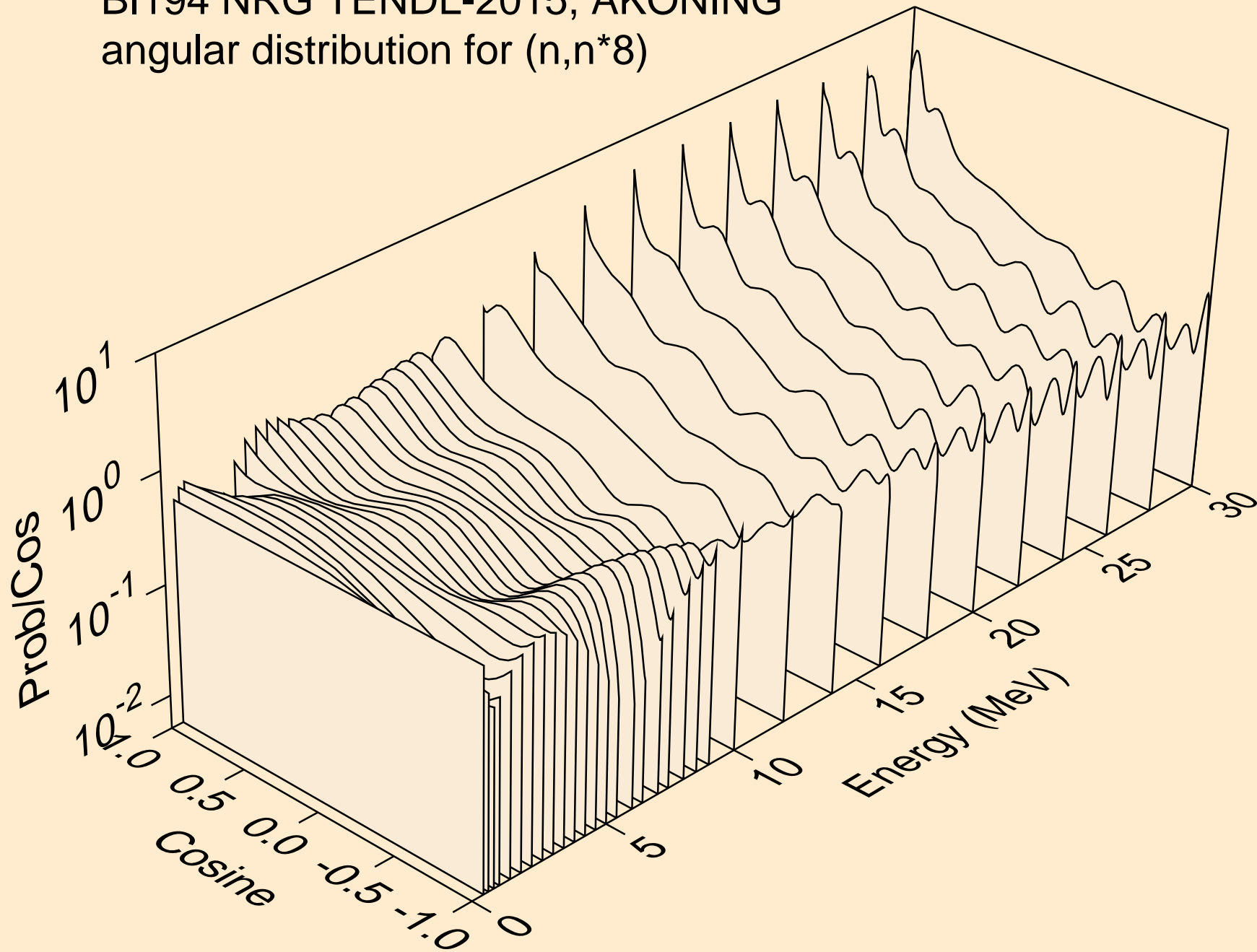
BI194 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



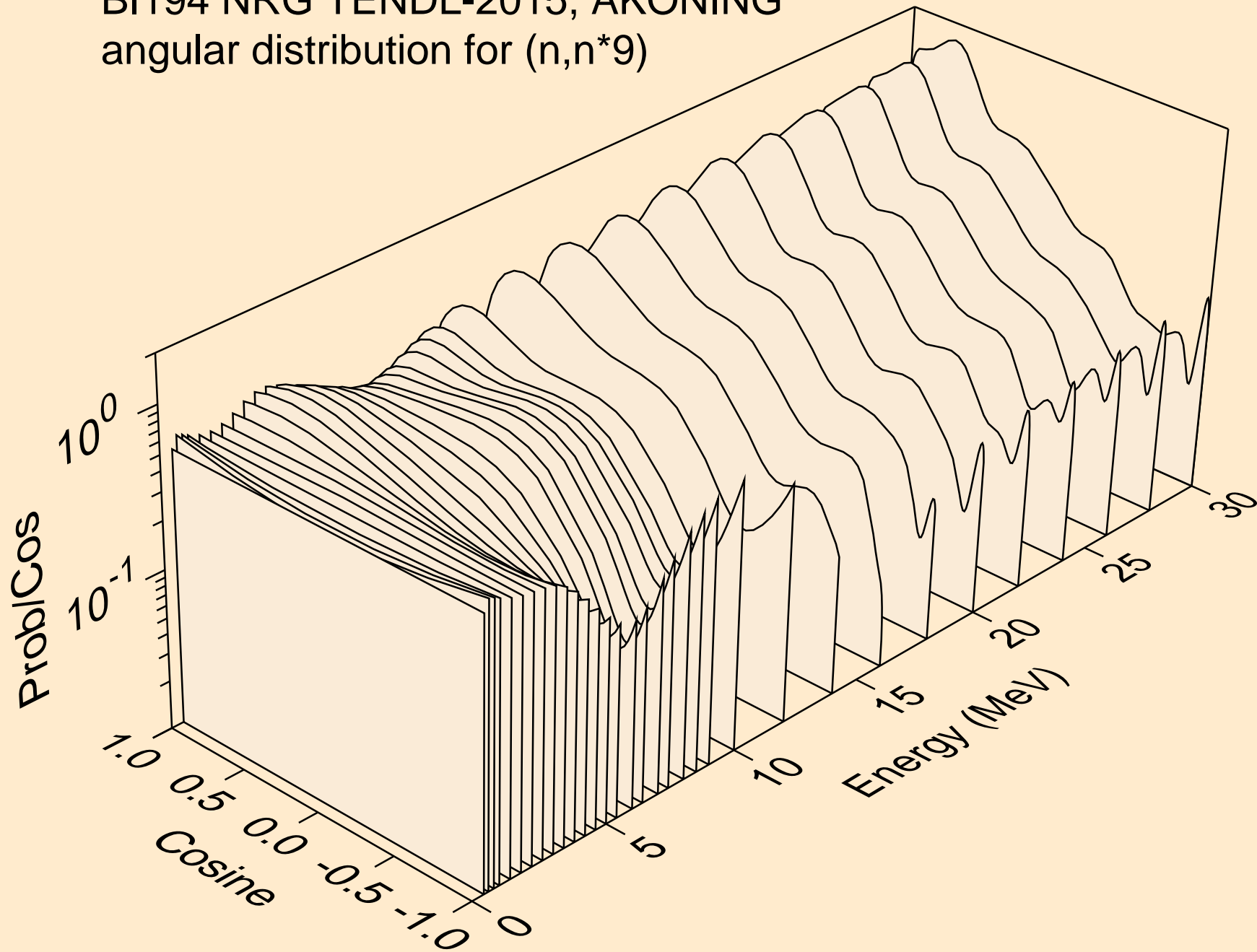
BI194 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



BI194 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)

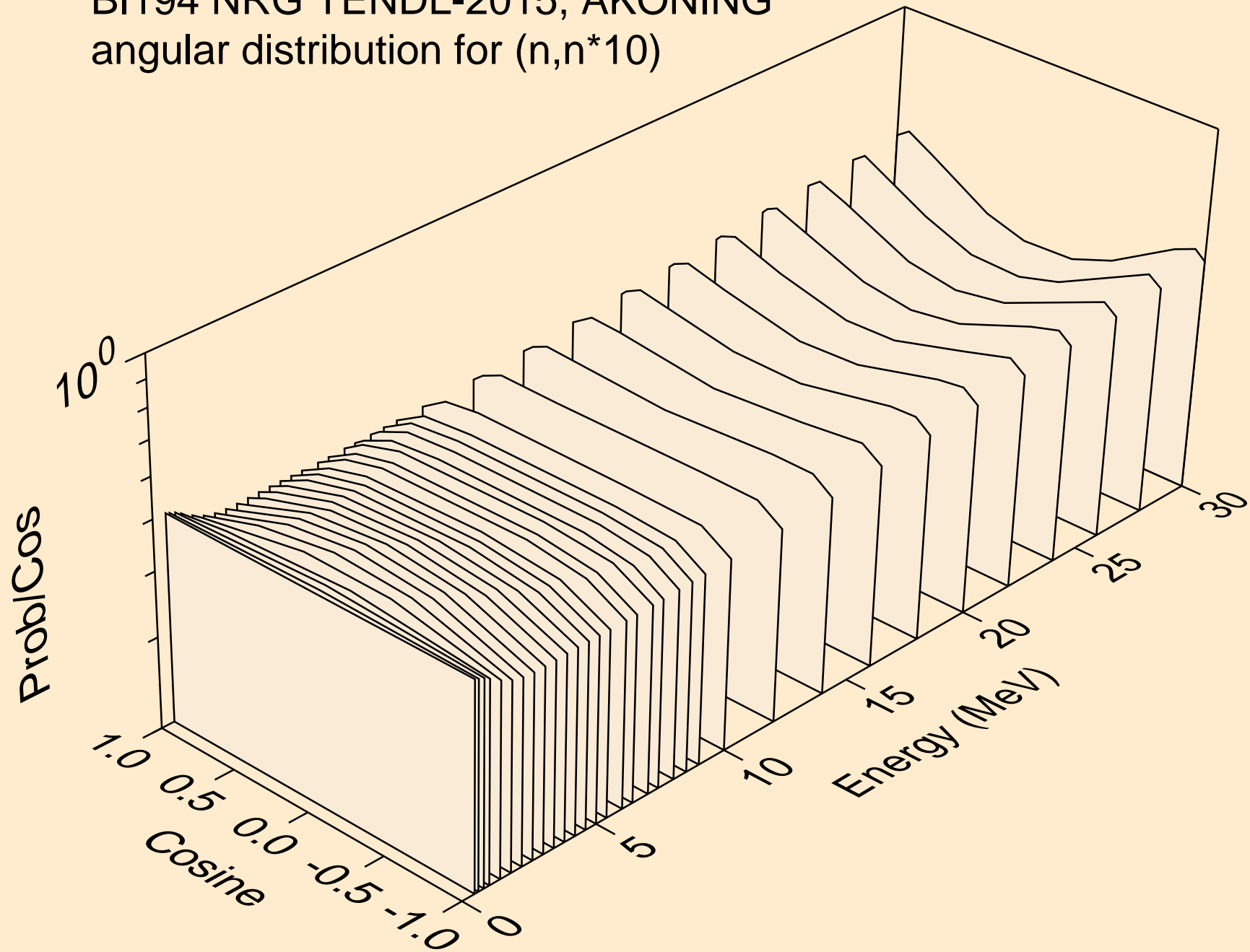


BI194 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)

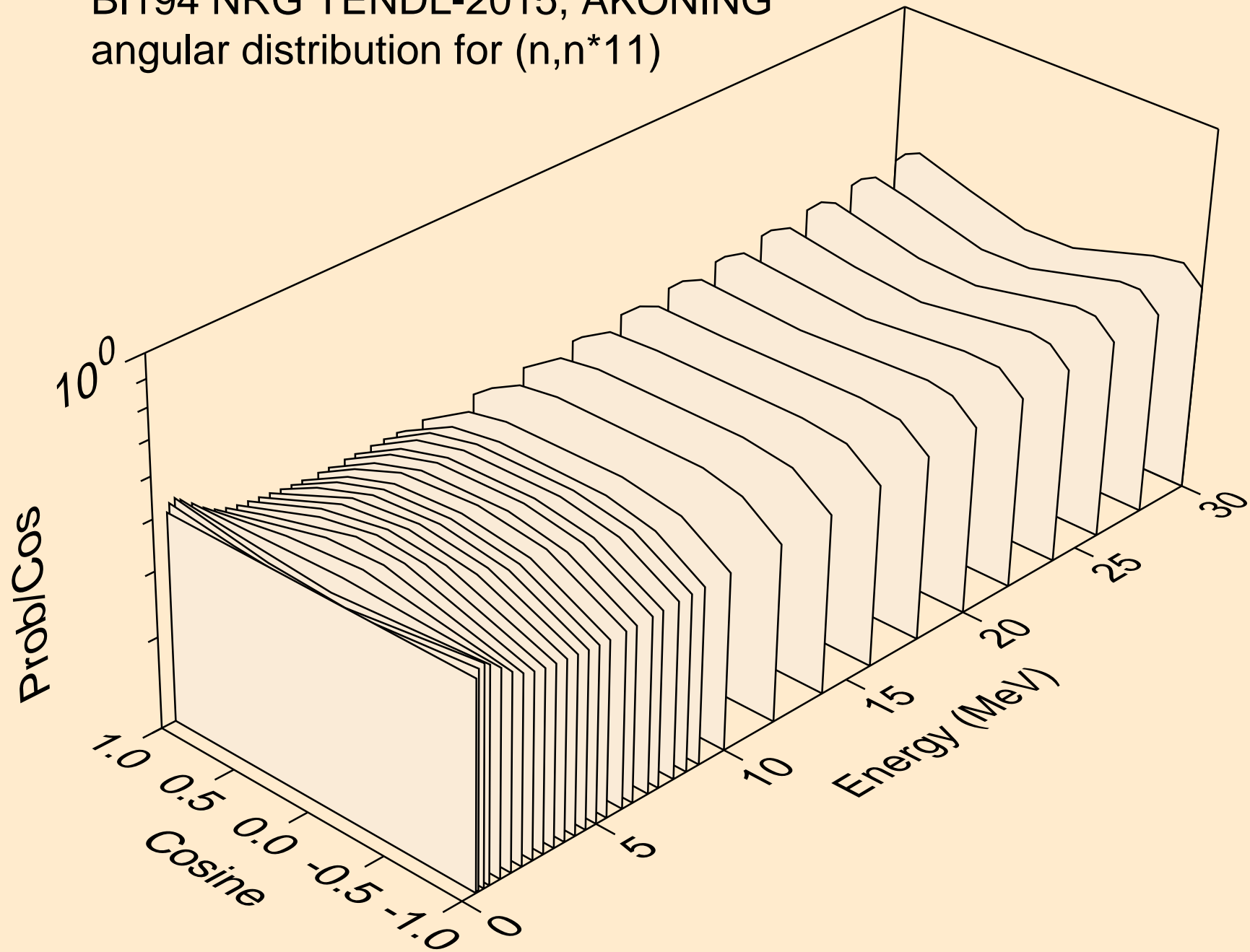




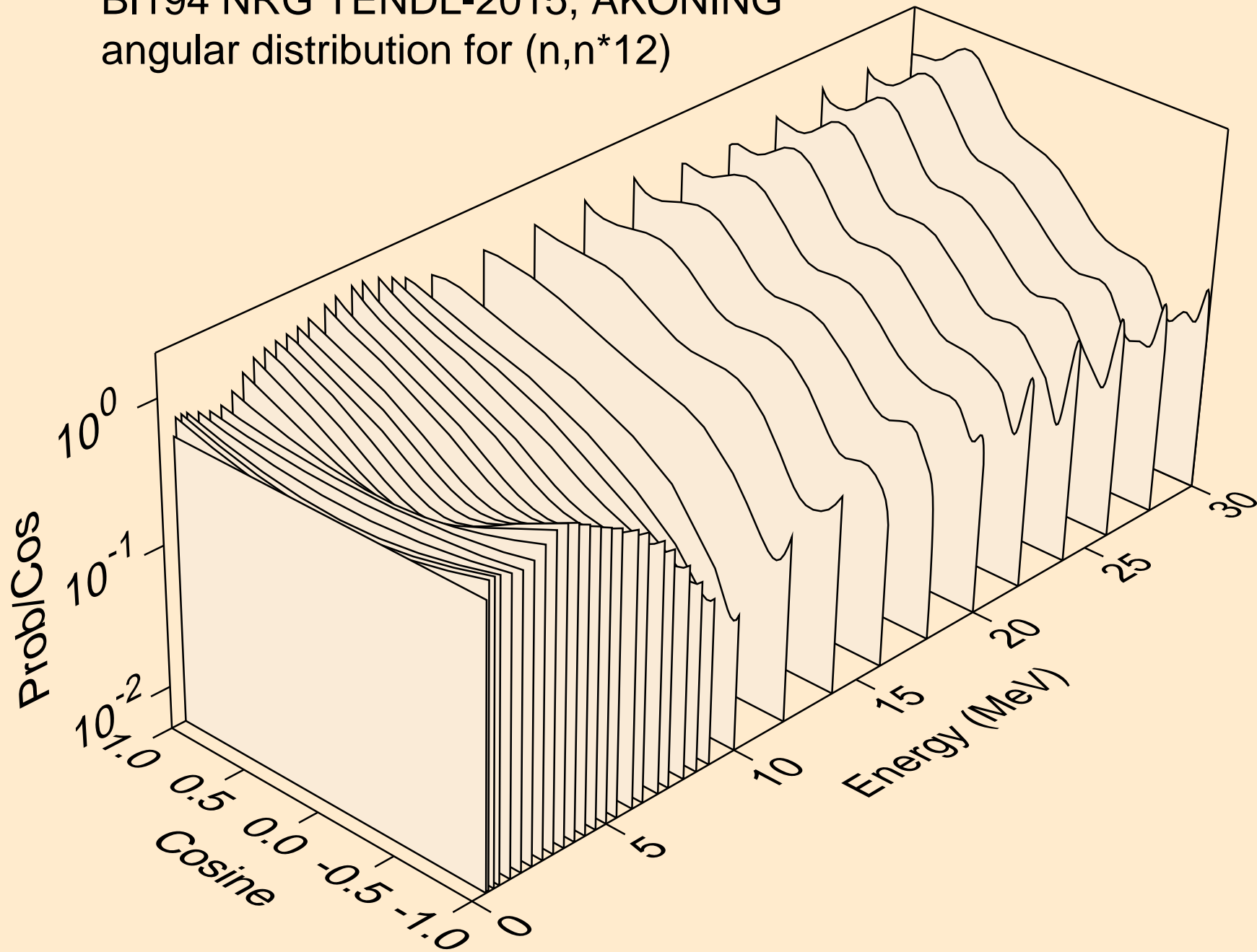
BI194 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



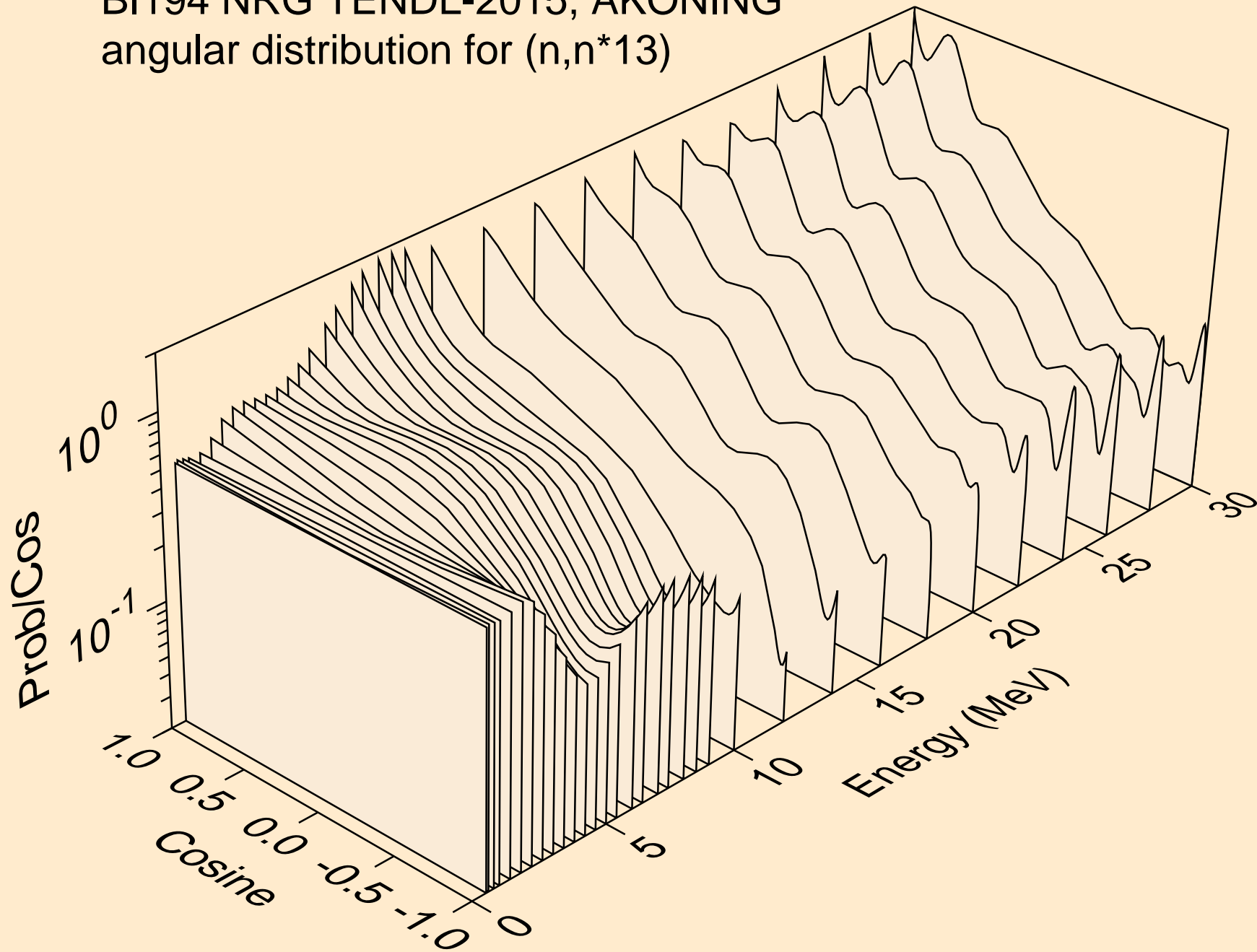
BI194 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



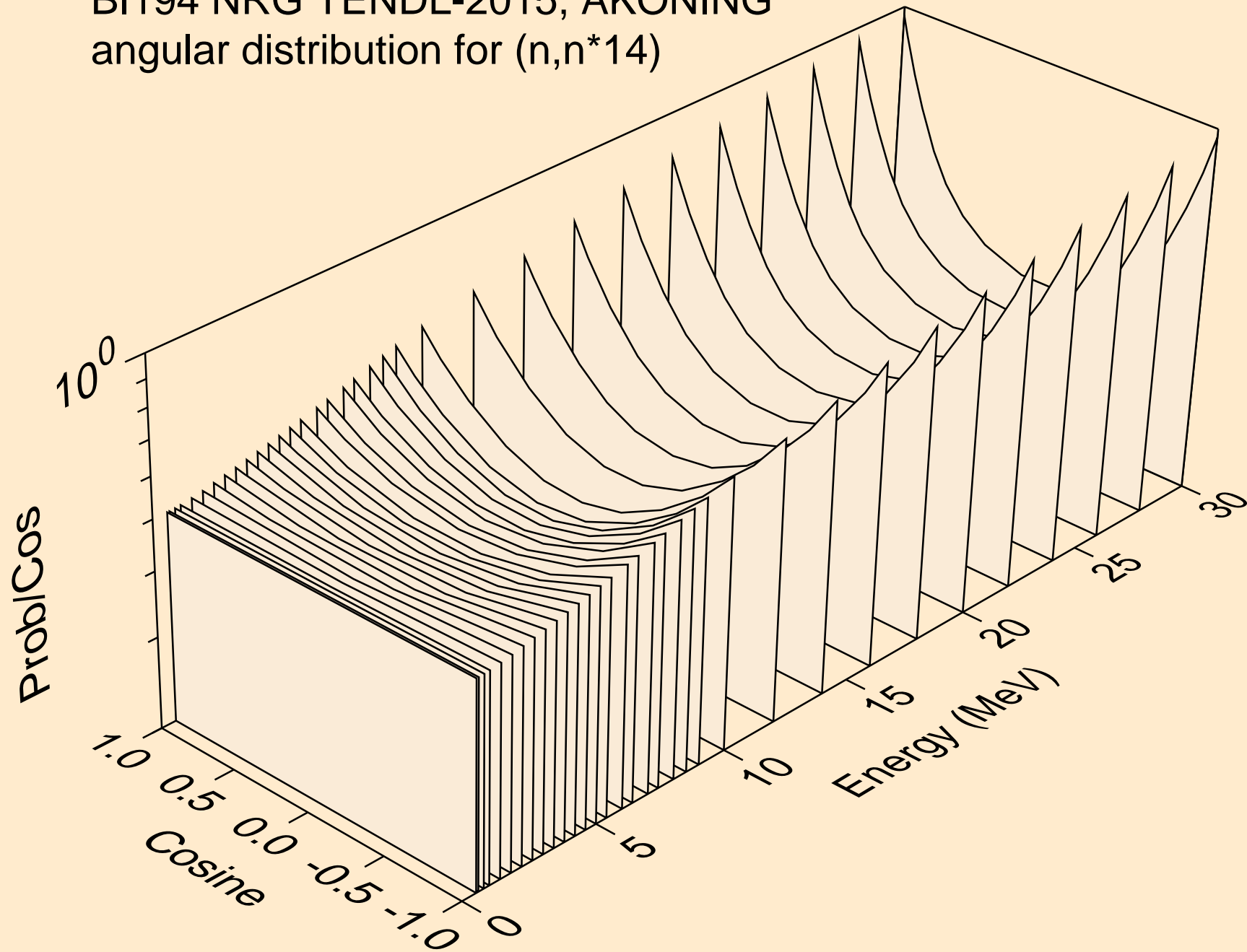
BI194 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



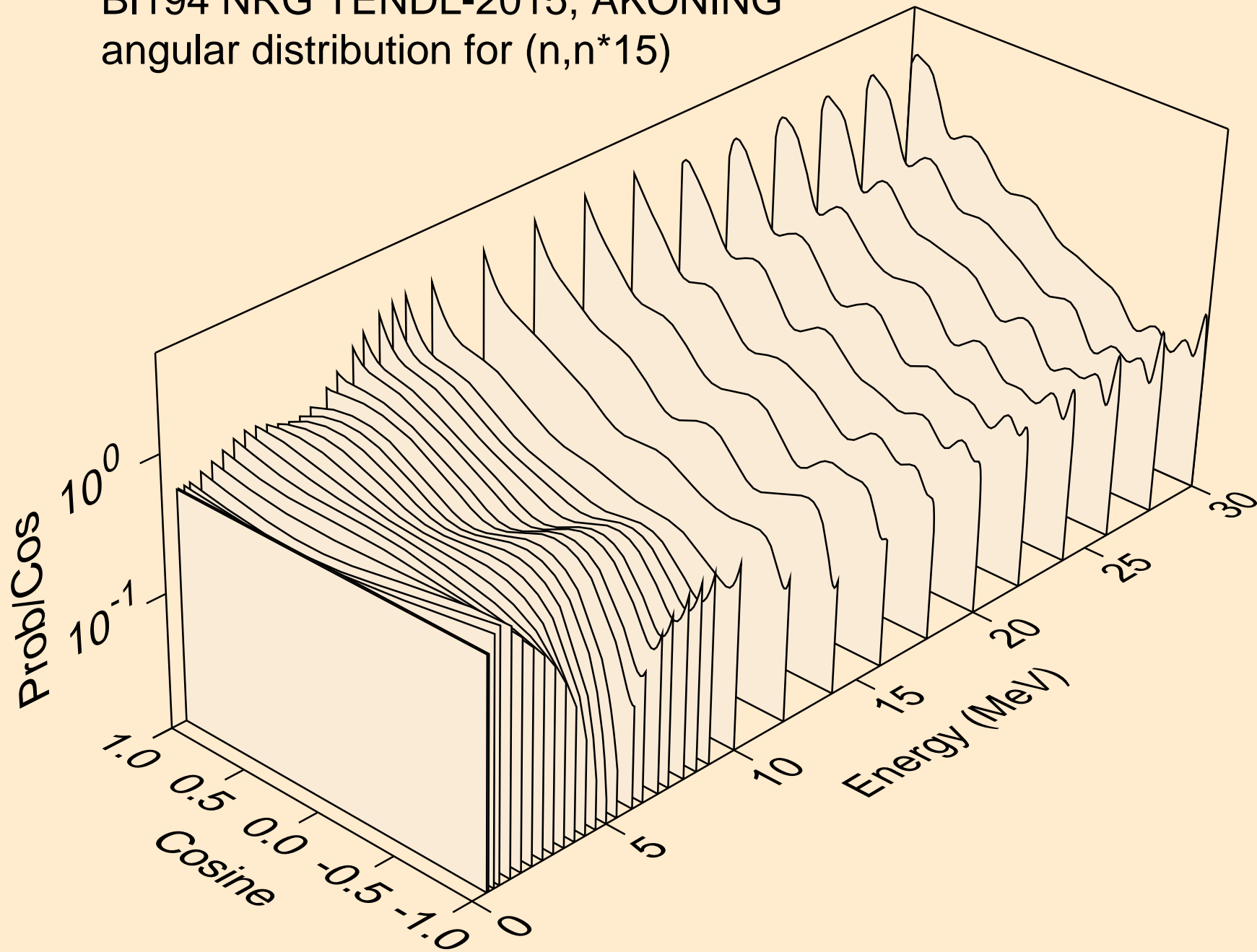
BI194 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



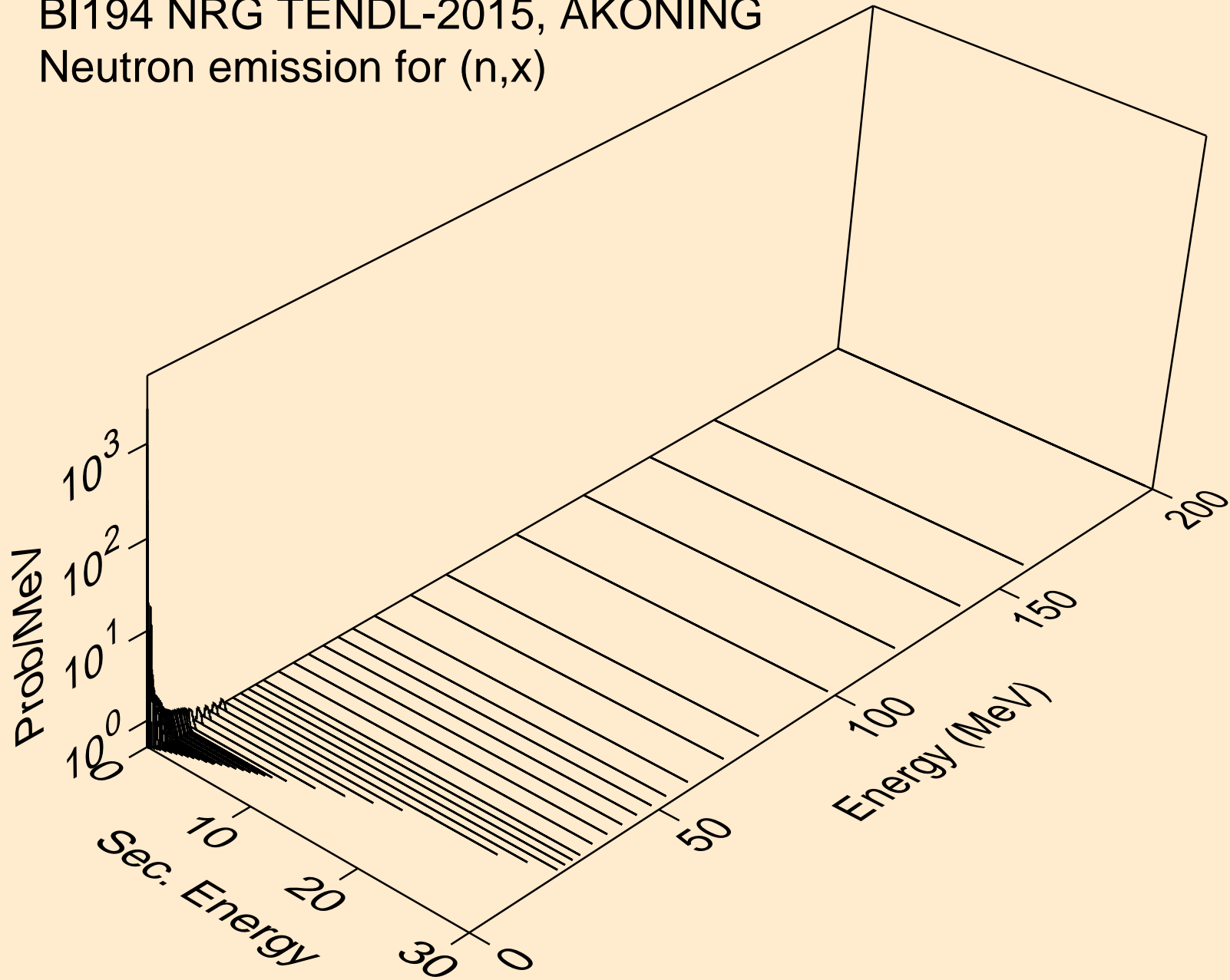
BI194 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



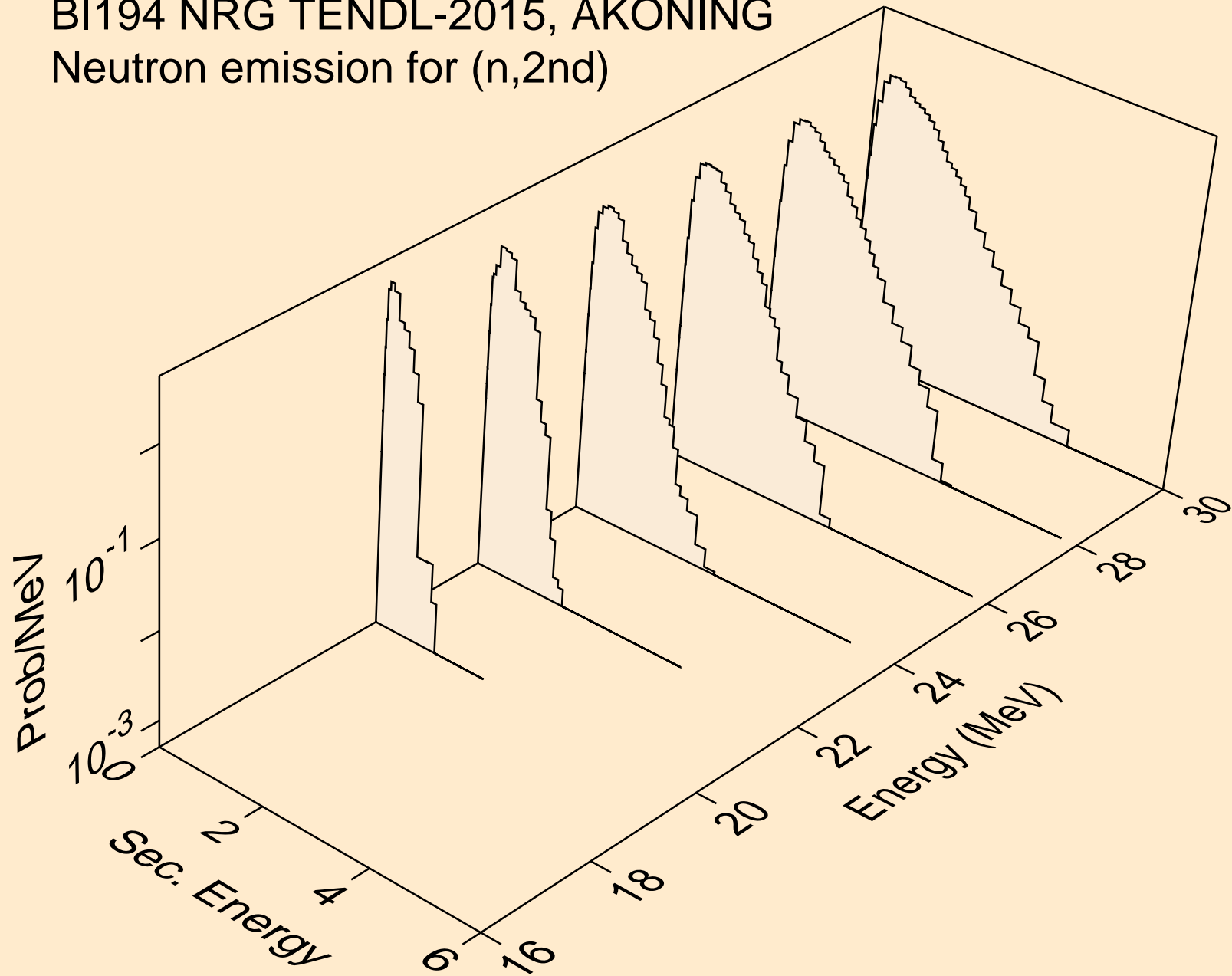
BI194 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



BI194 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

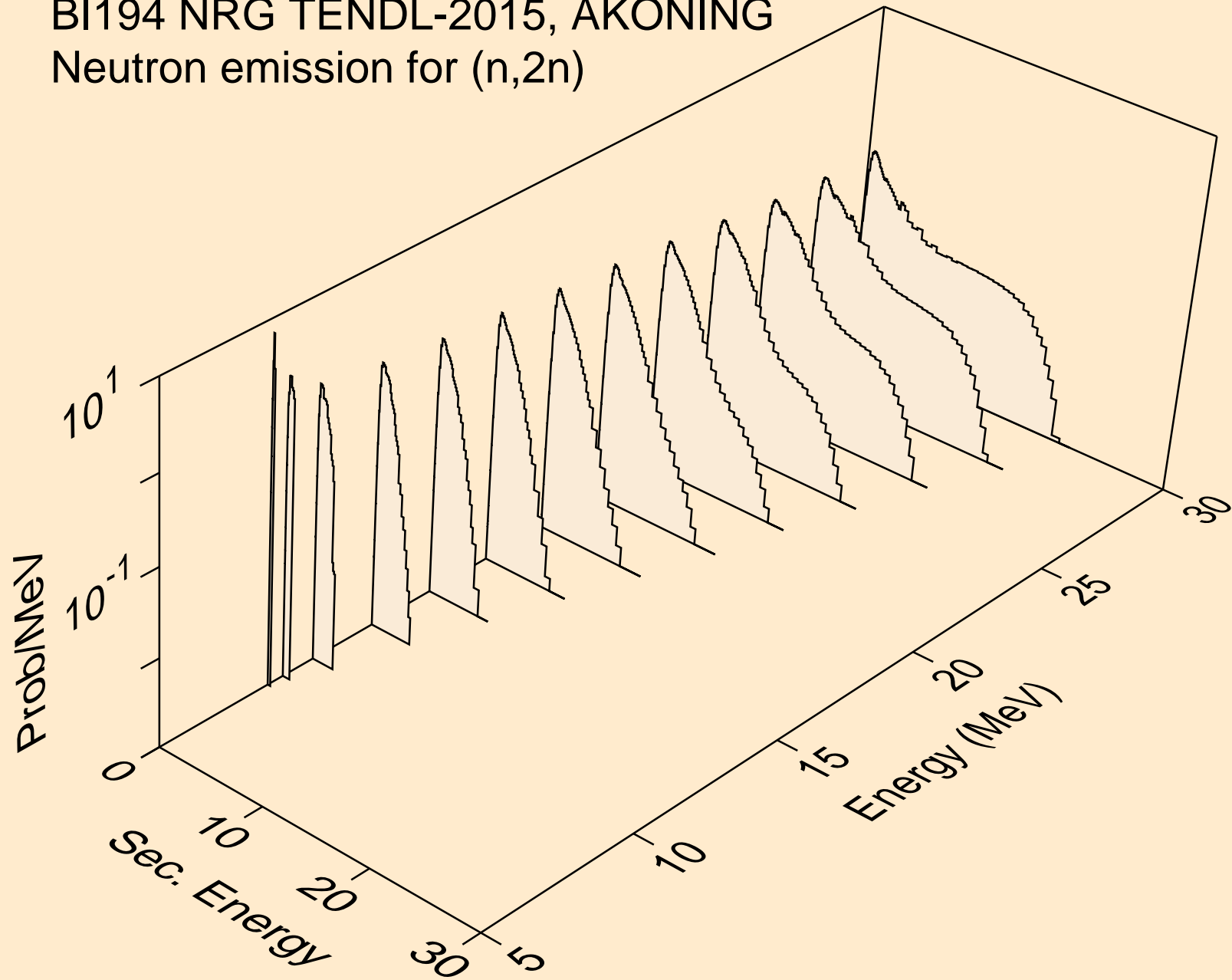


BI194 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)

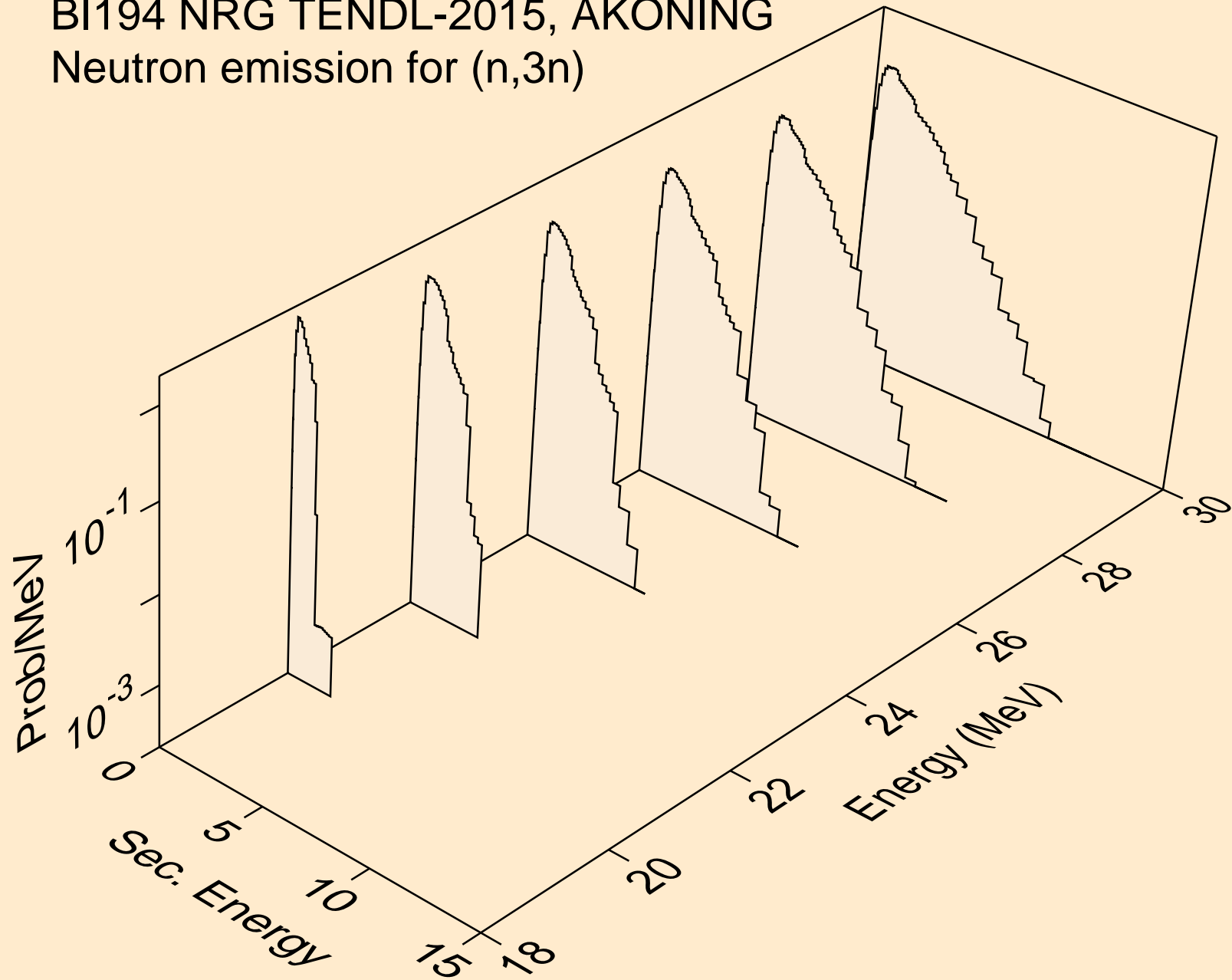




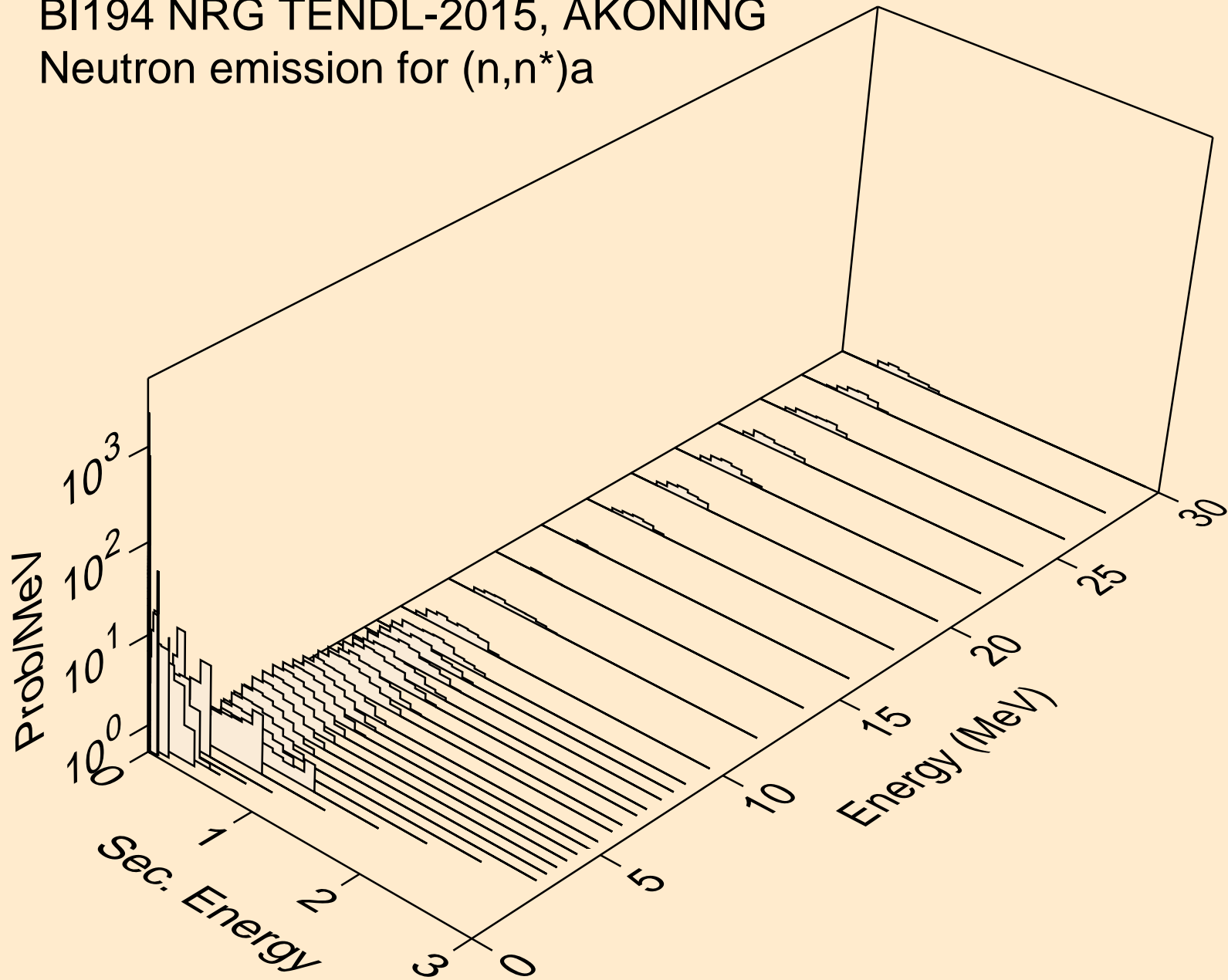
BI194 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



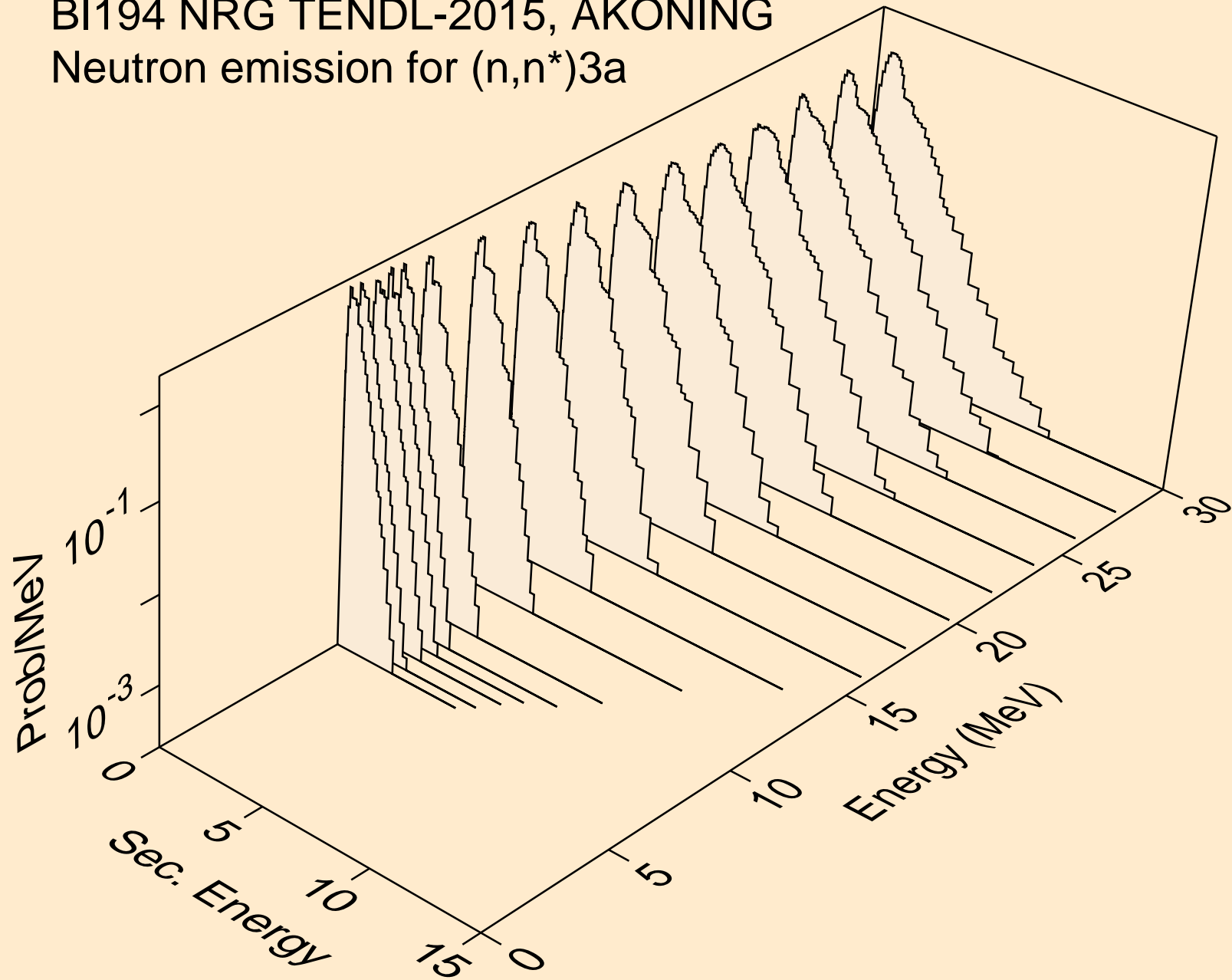
BI194 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



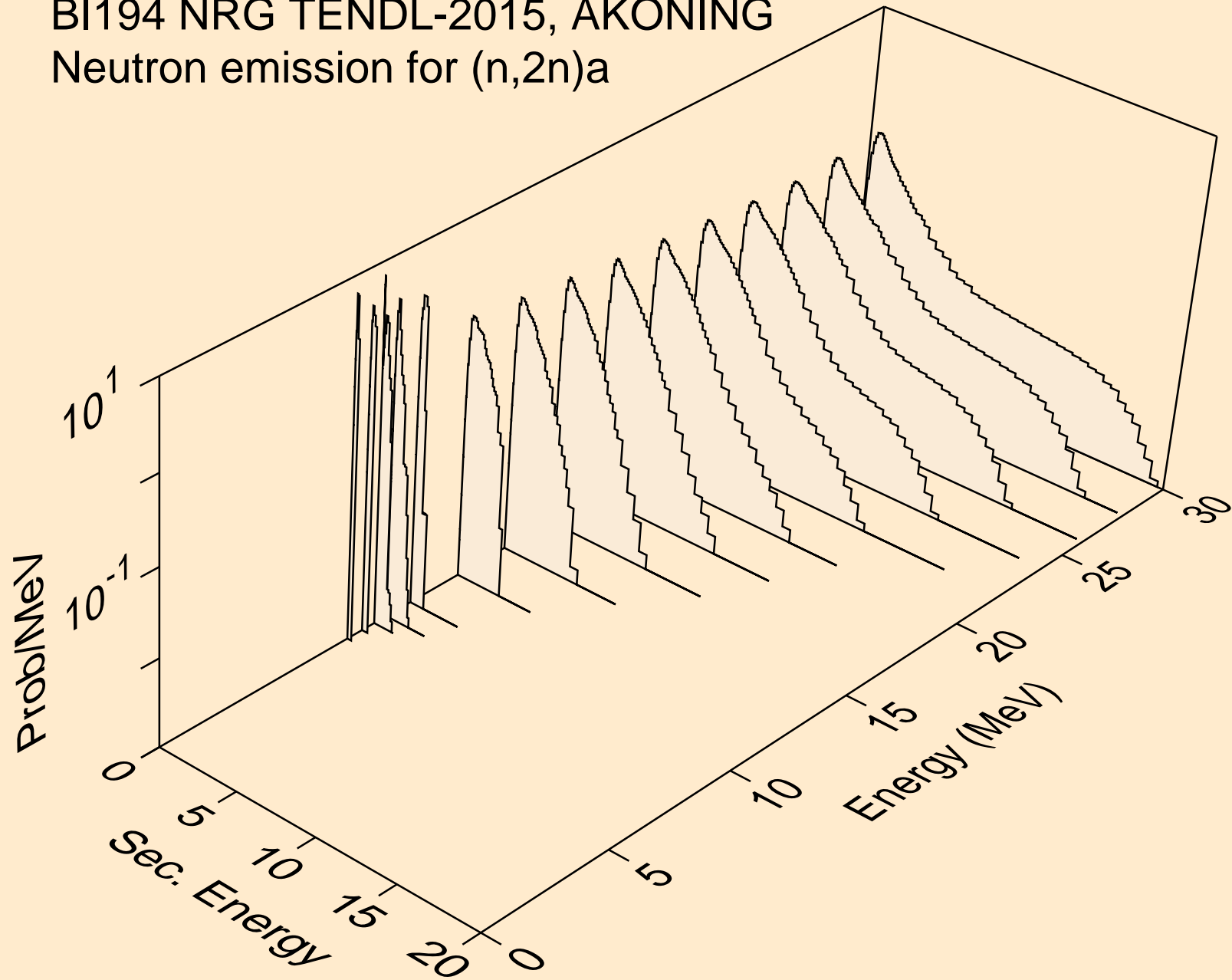
BI194 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



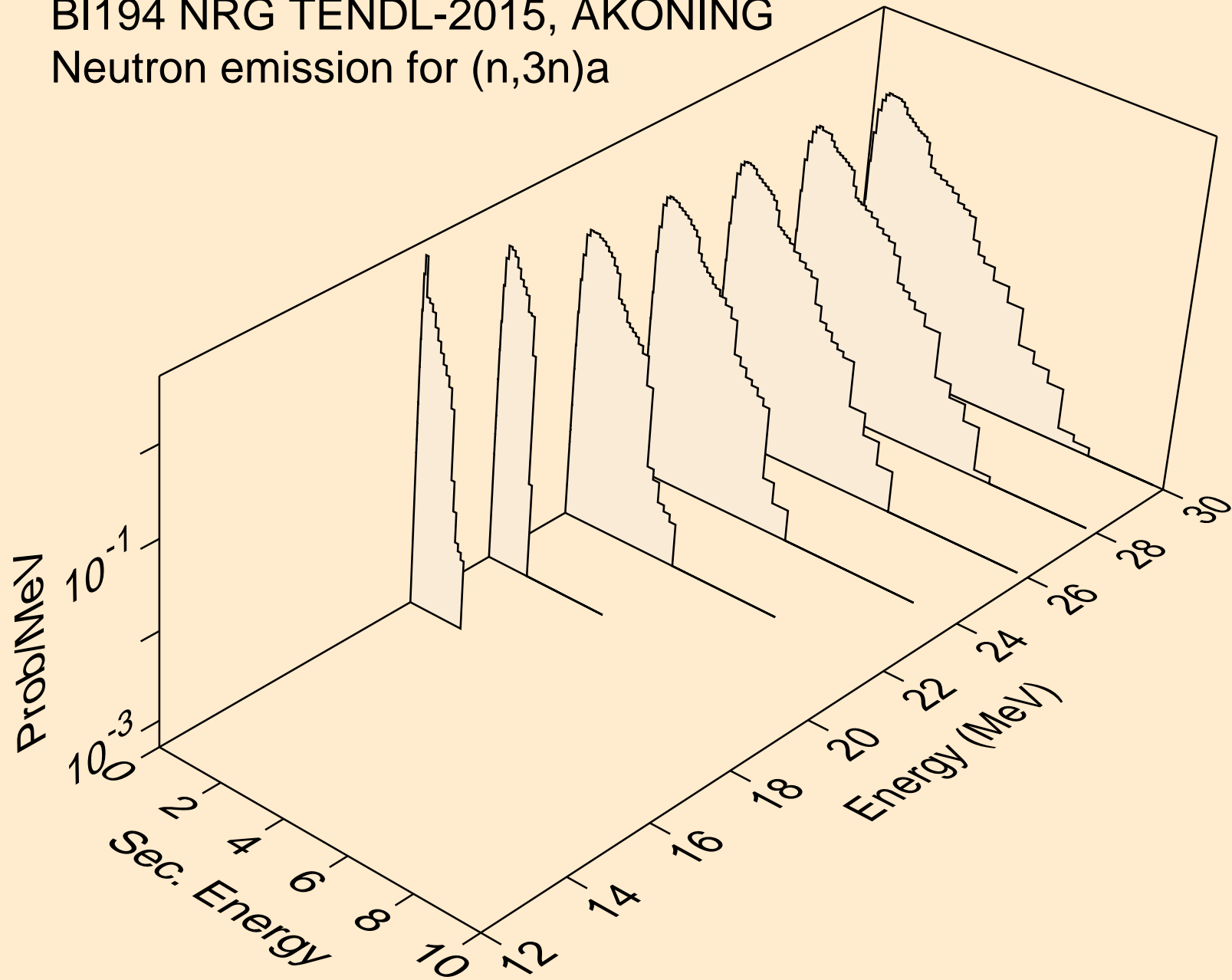
BI194 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)3a



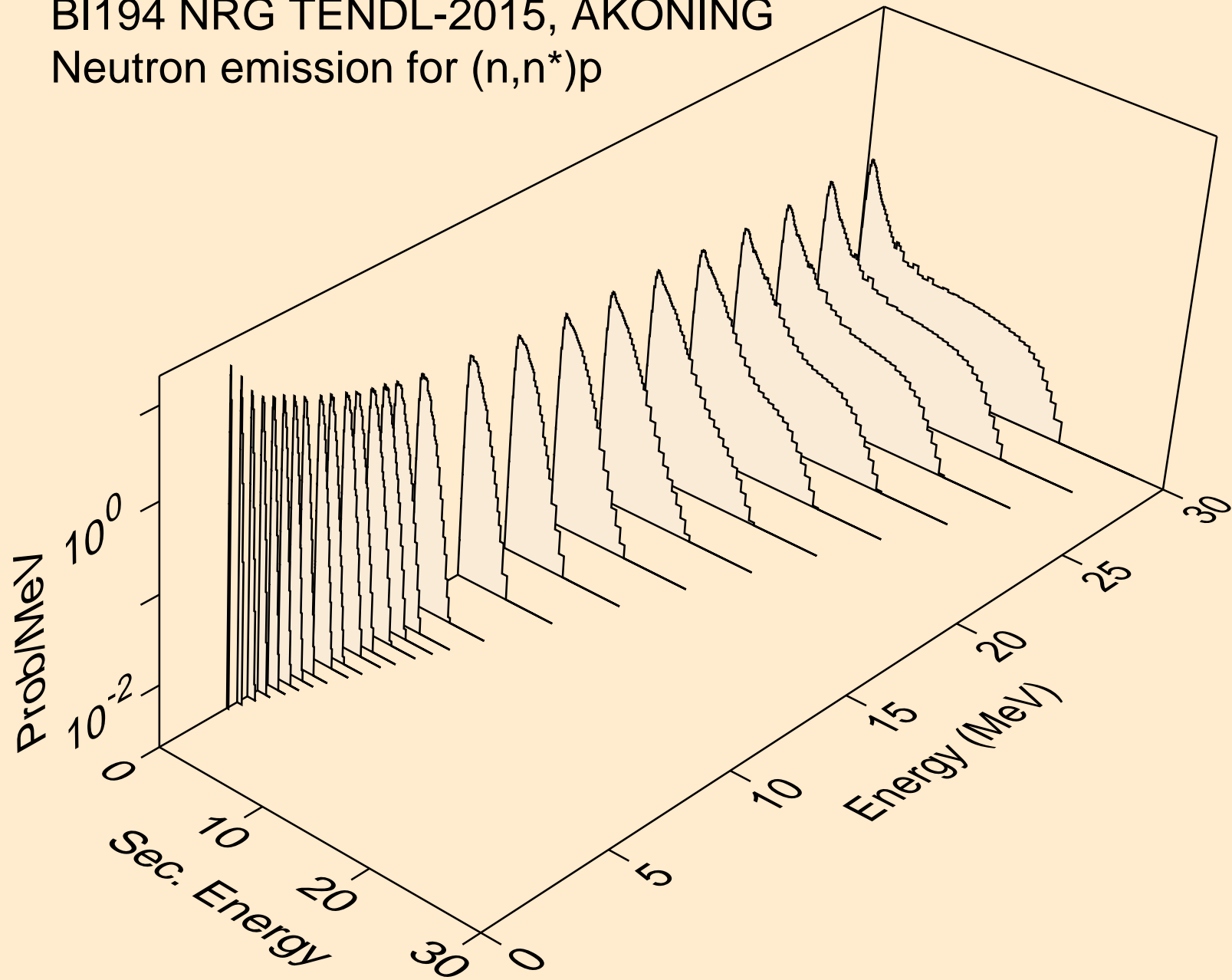
BI194 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



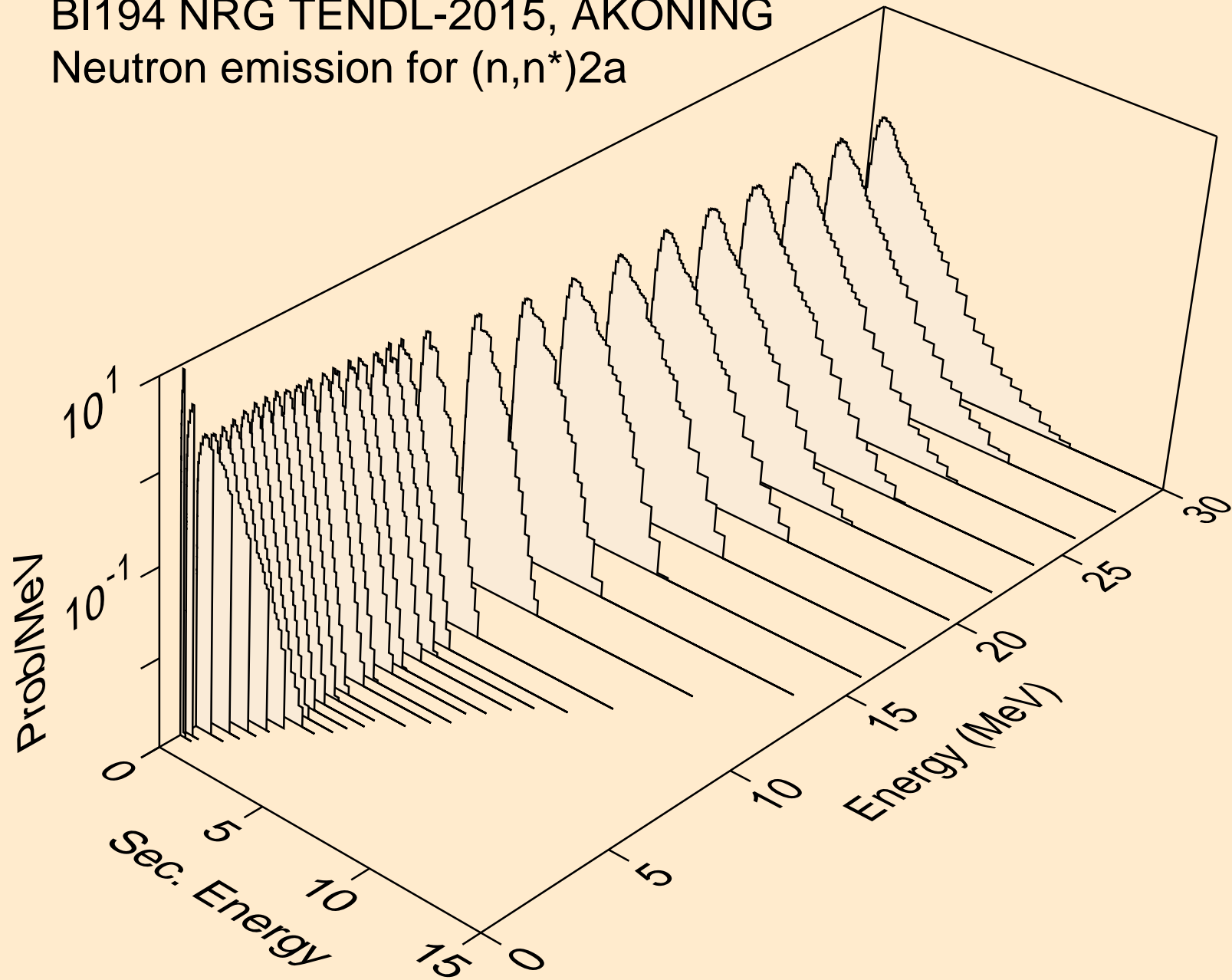
BI194 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



BI194 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

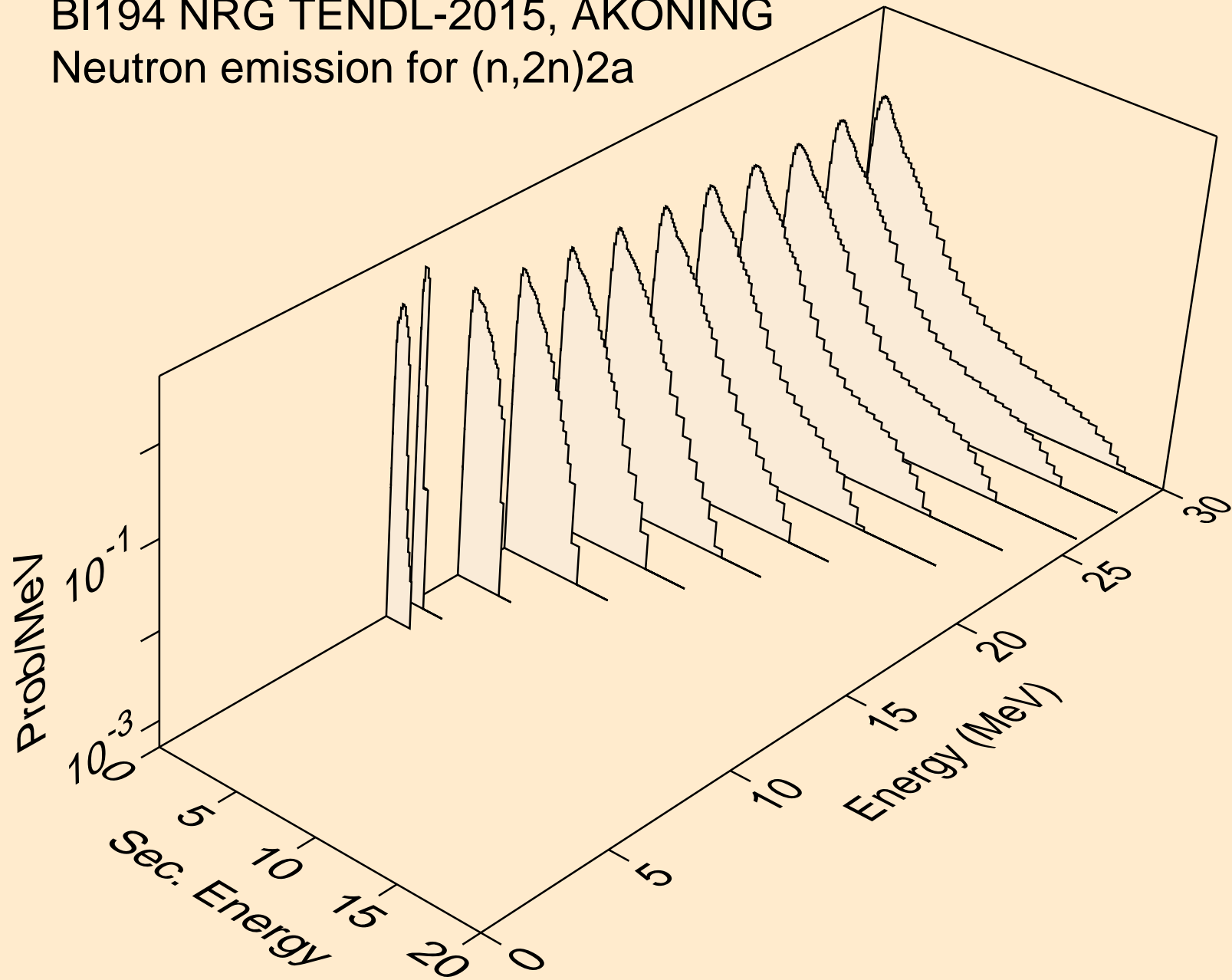


BI194 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a

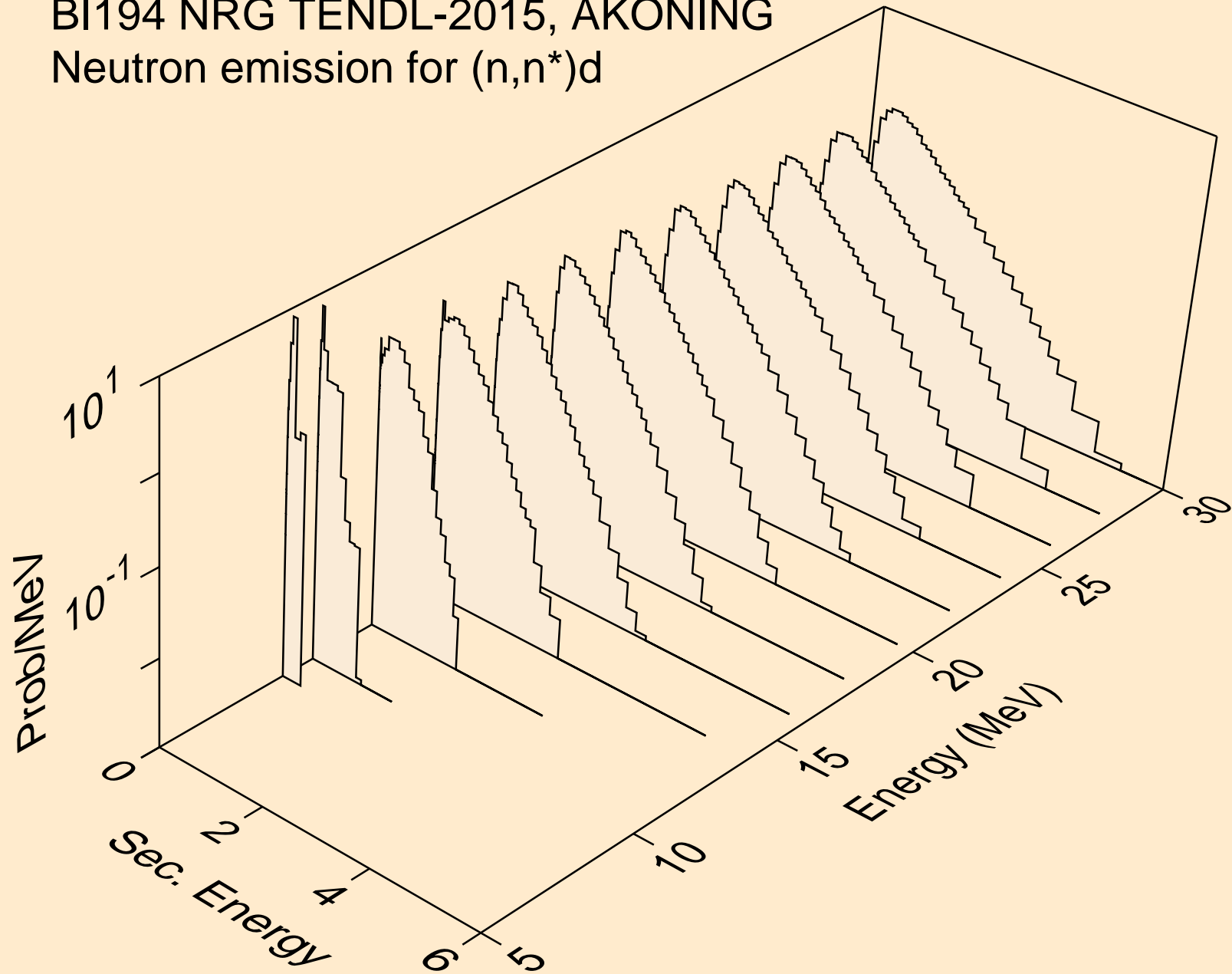




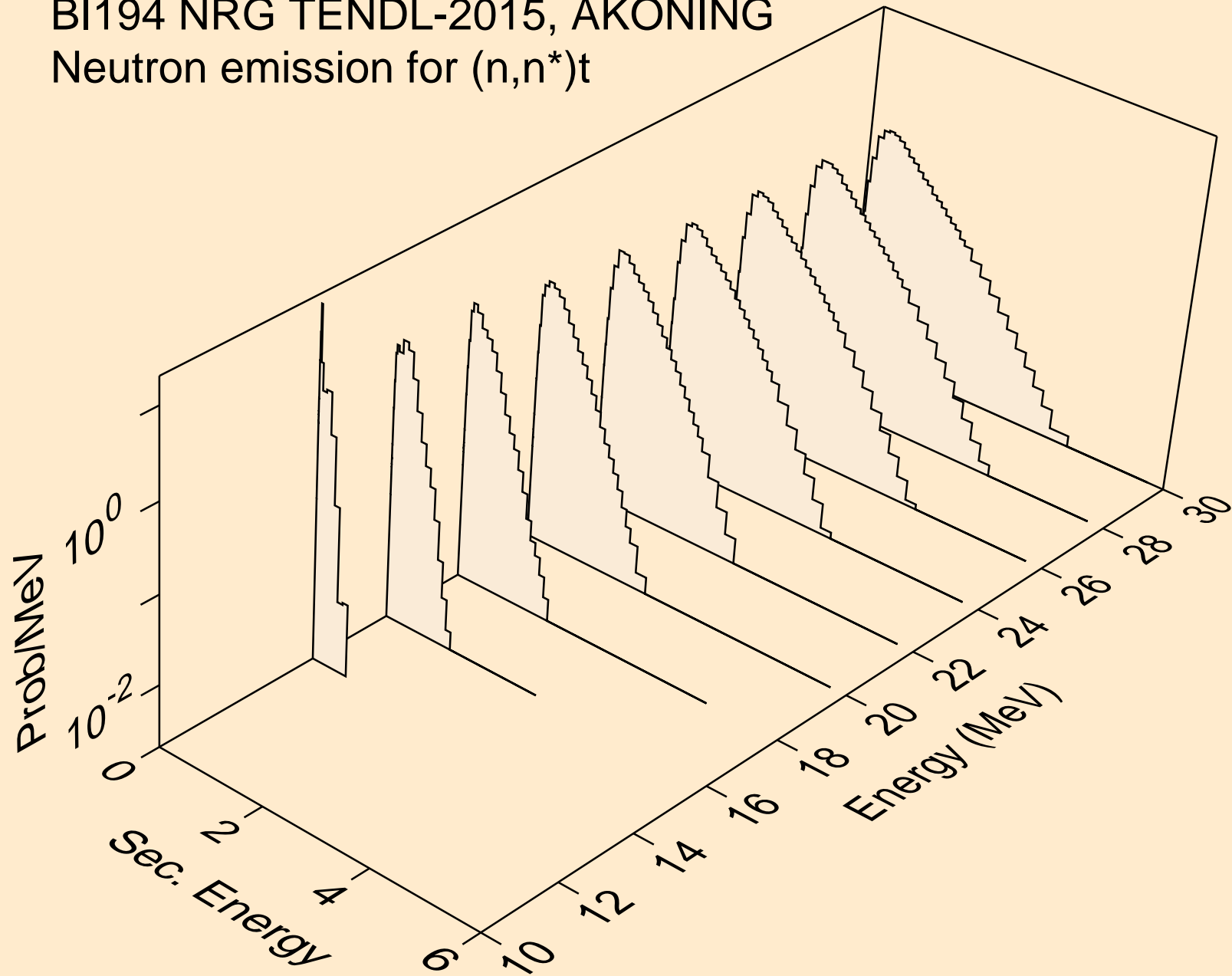
BI194 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



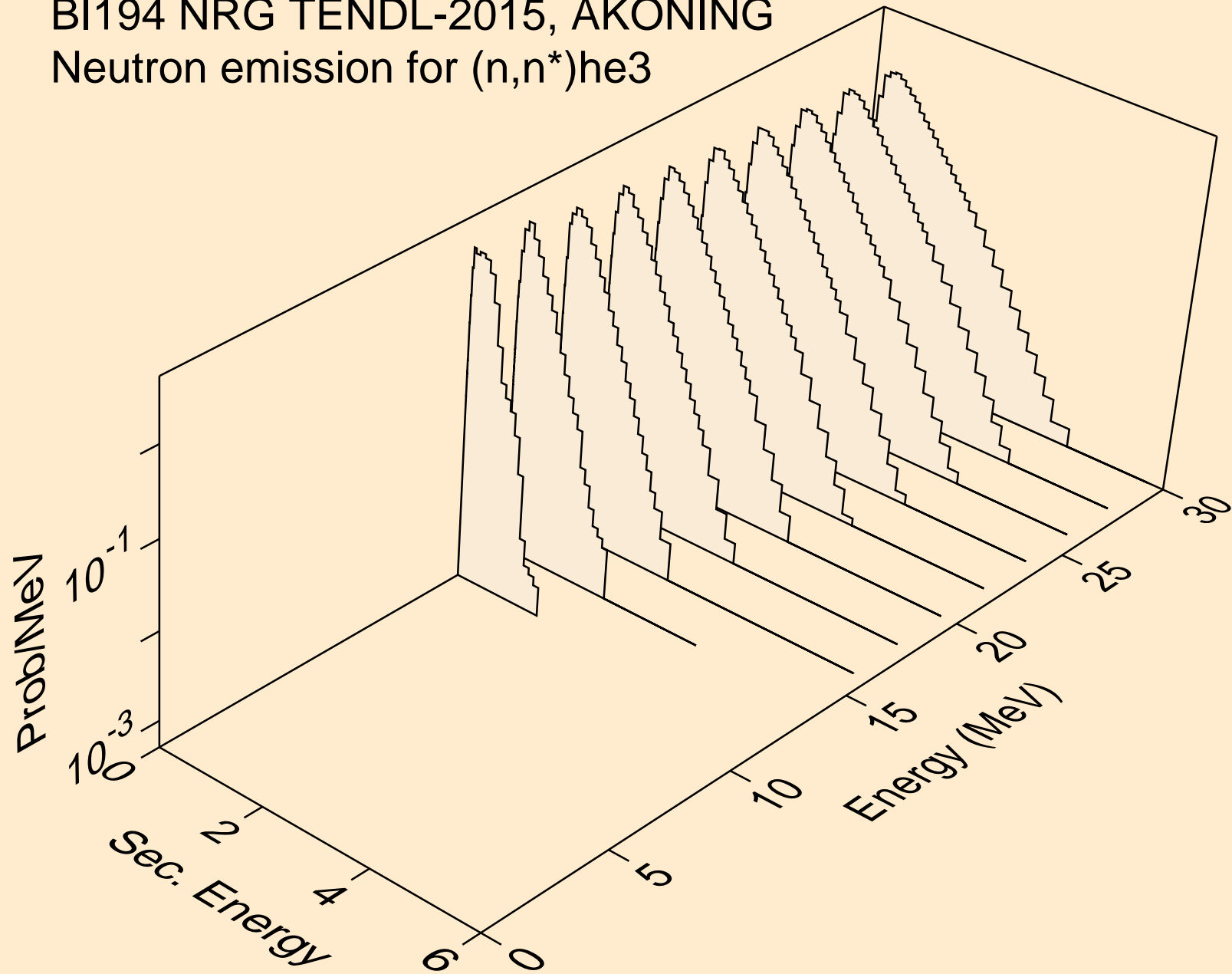
BI194 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



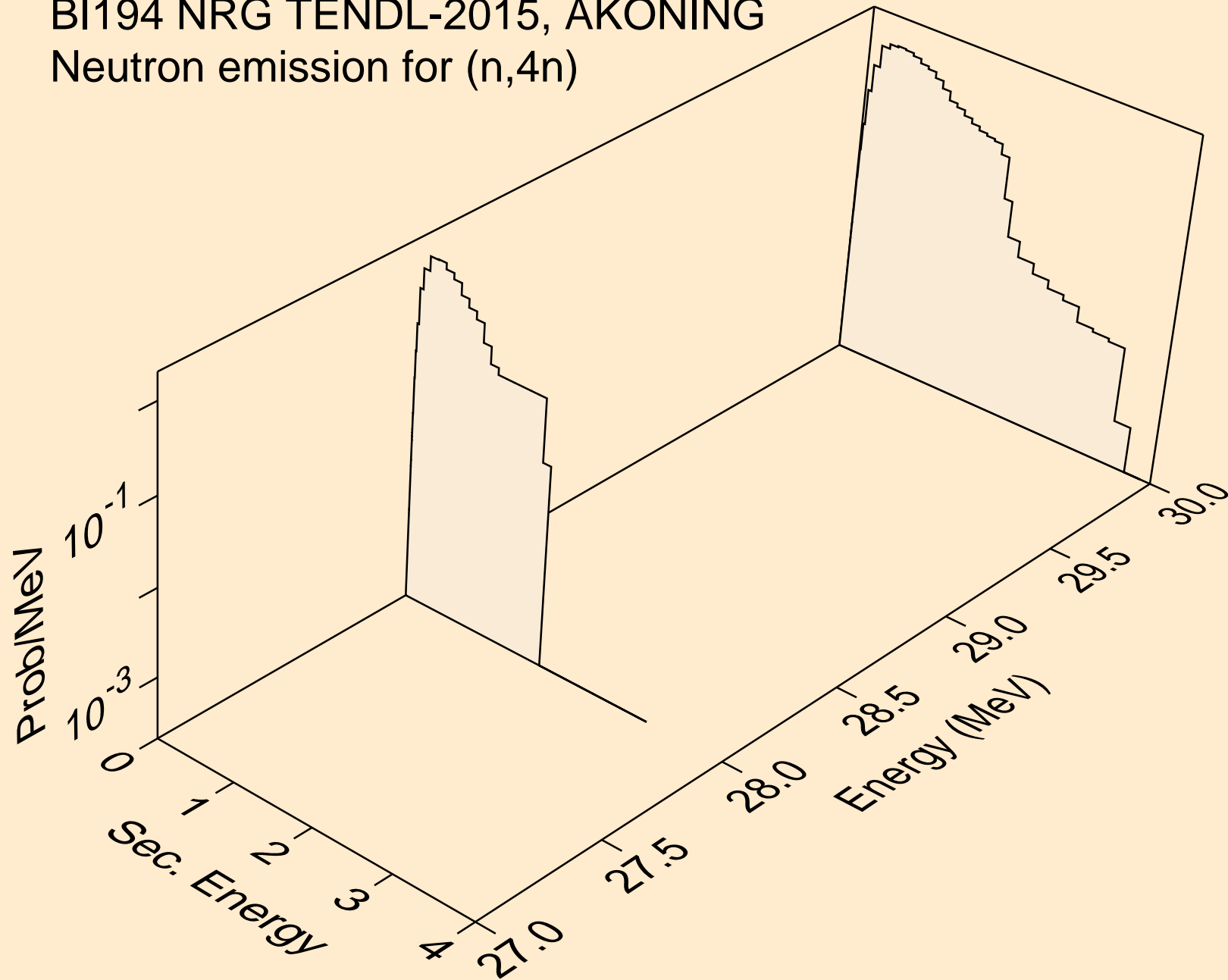
BI194 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



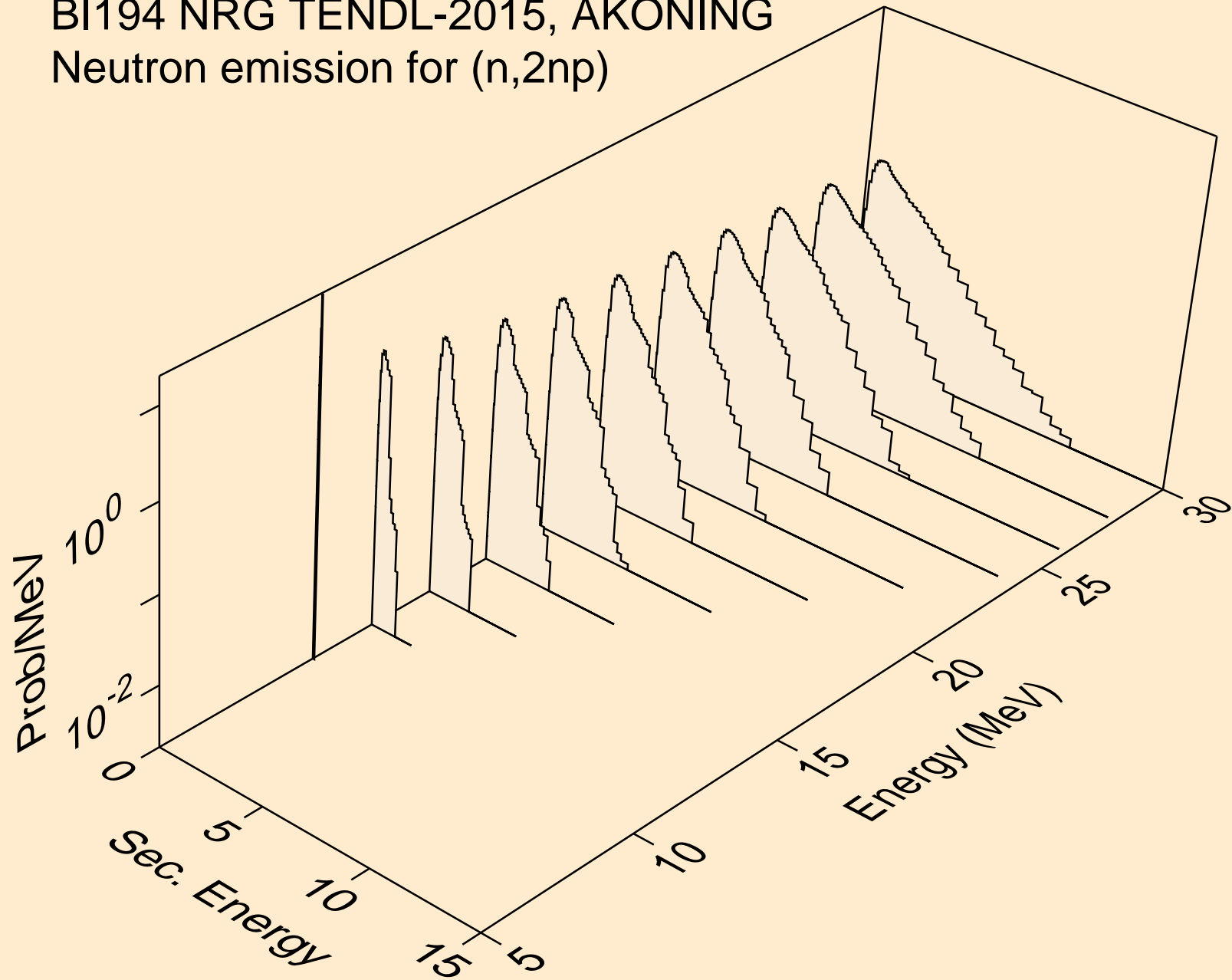
BI194 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



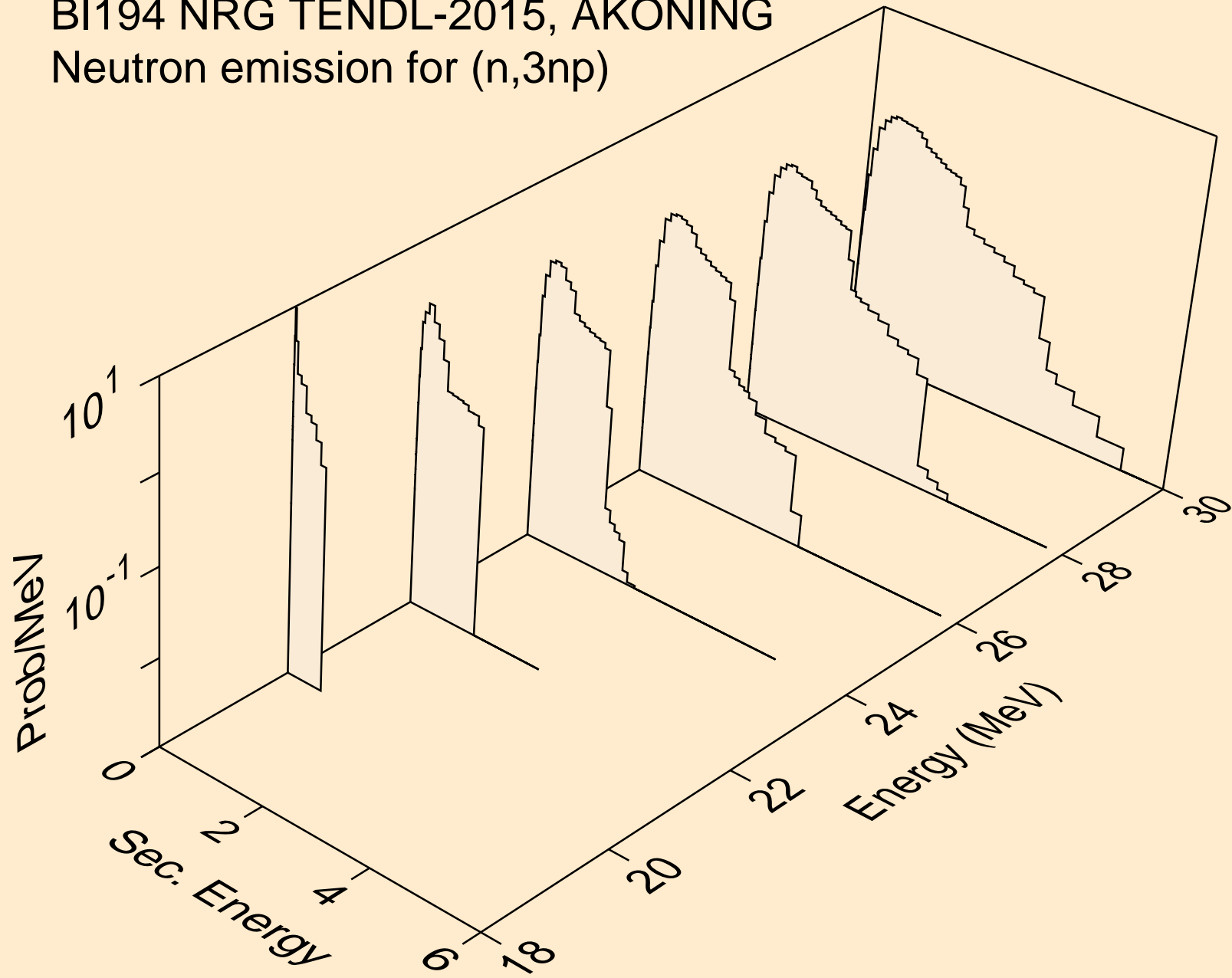
BI194 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



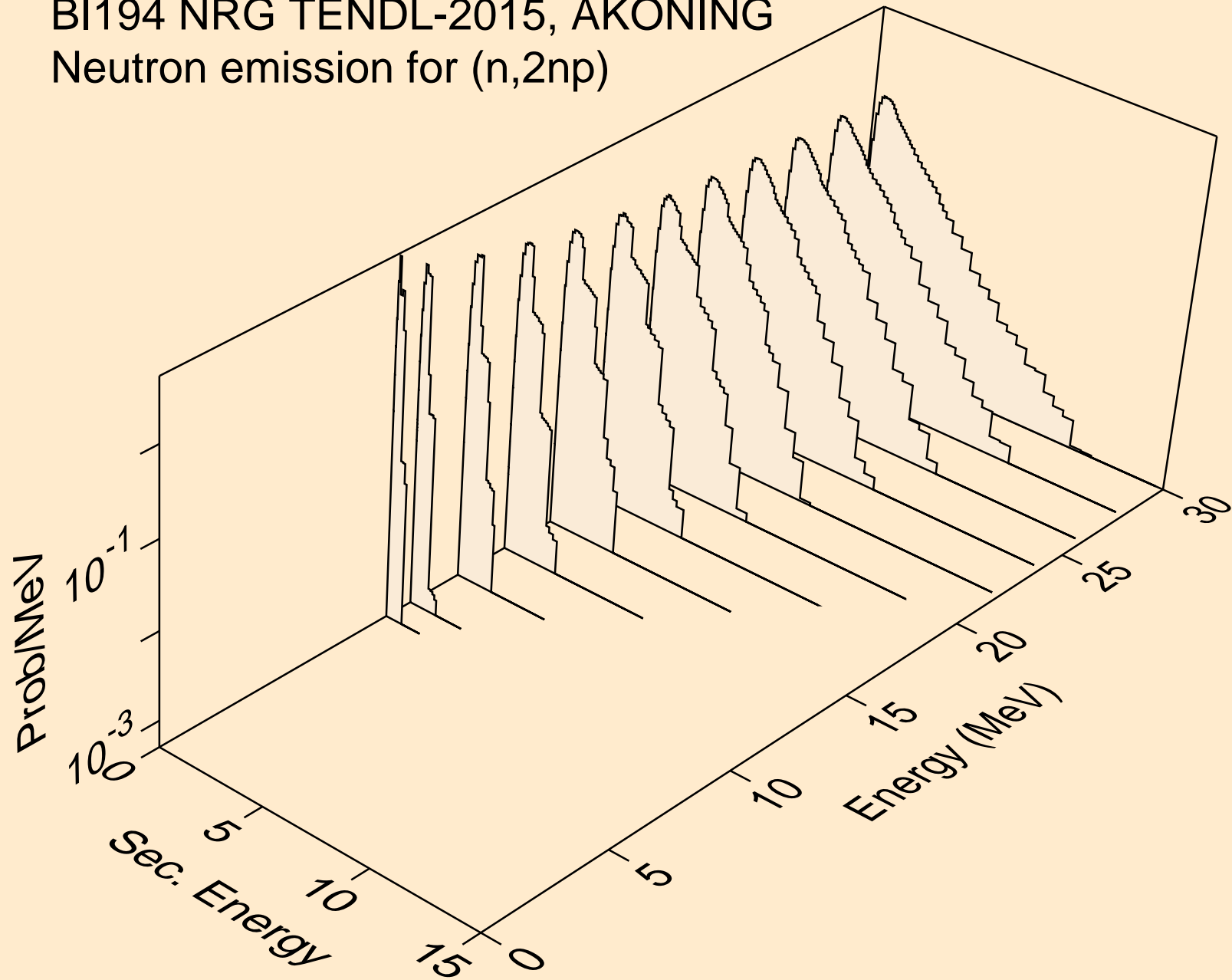
BI194 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



BI194 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

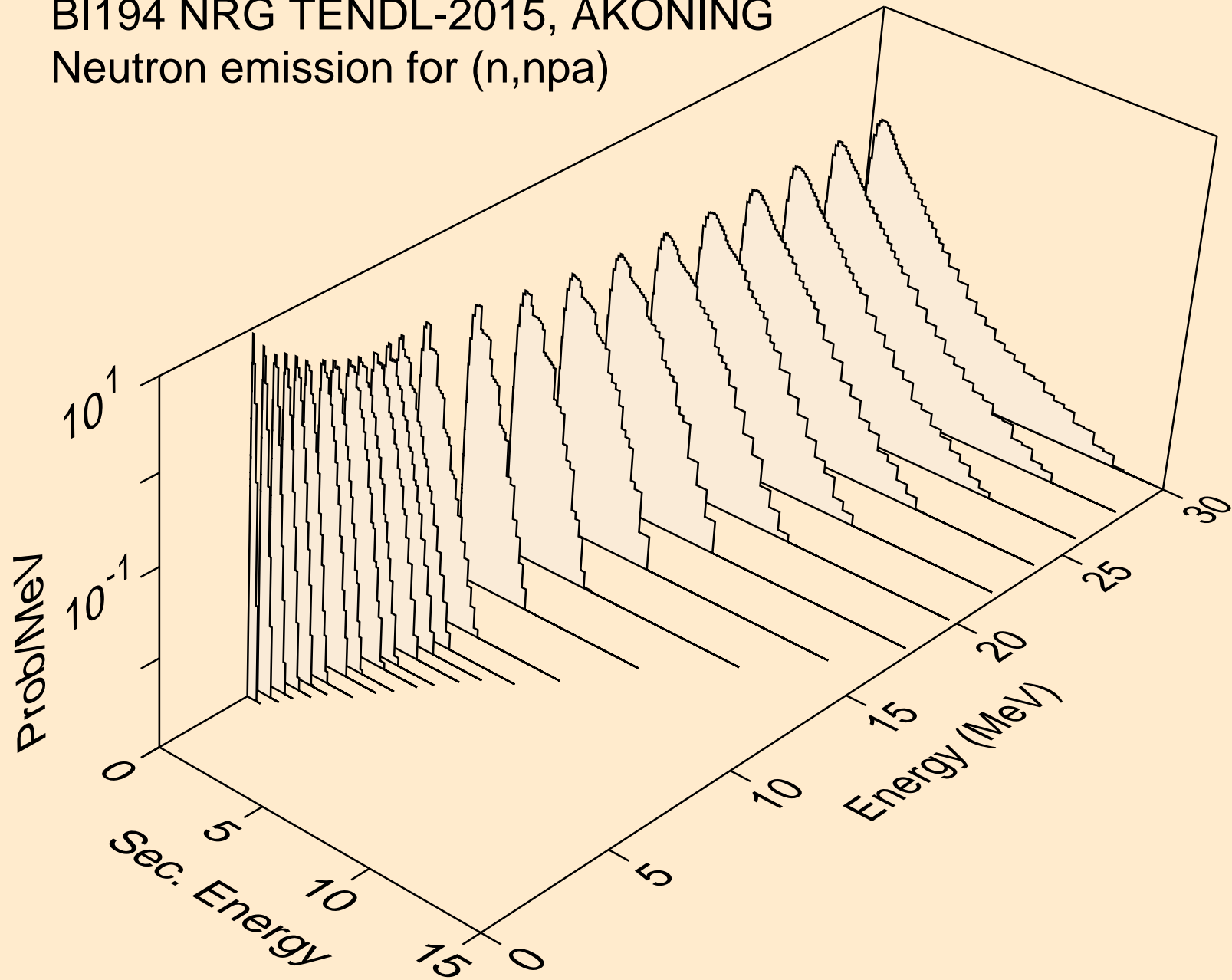


BI194 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

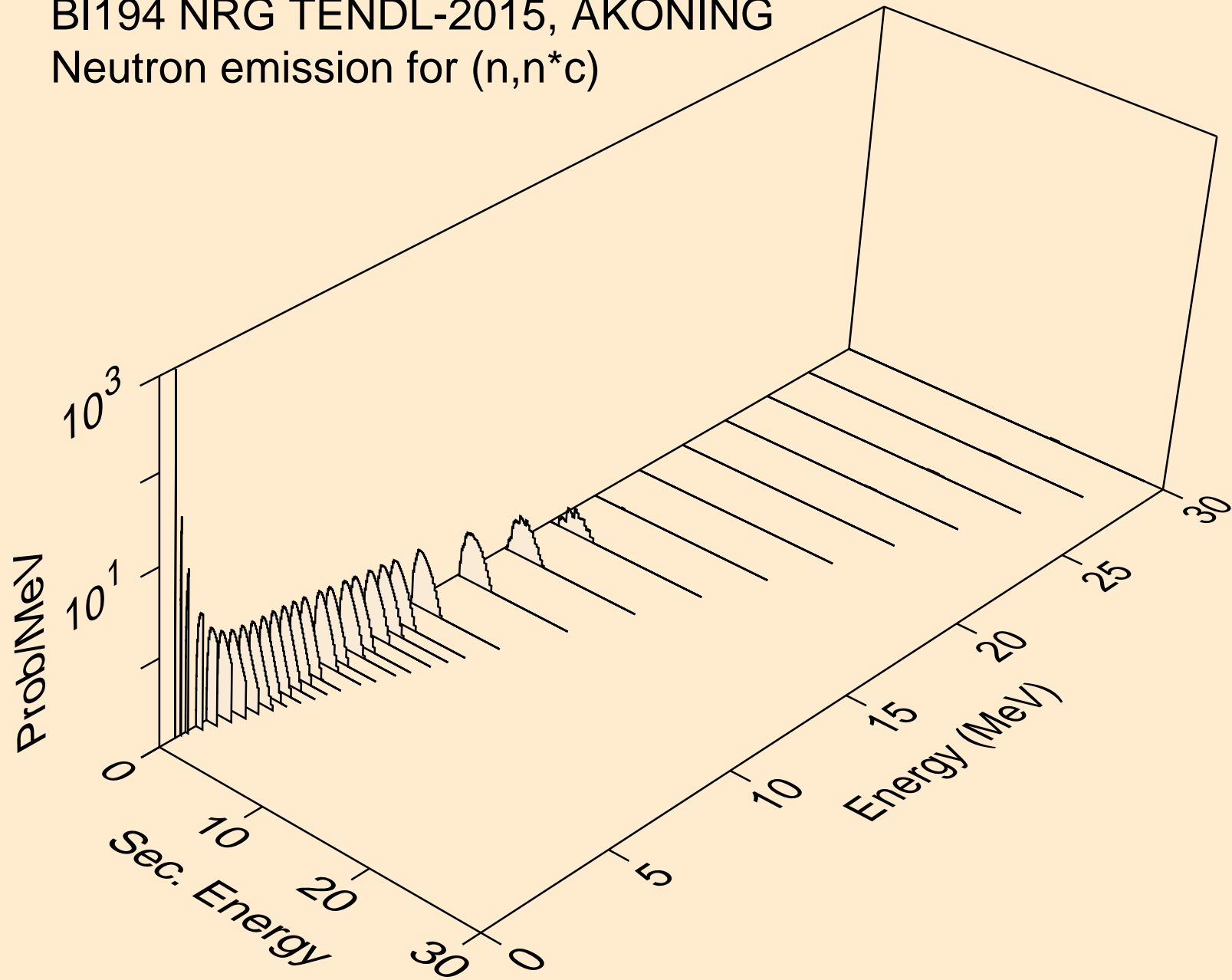




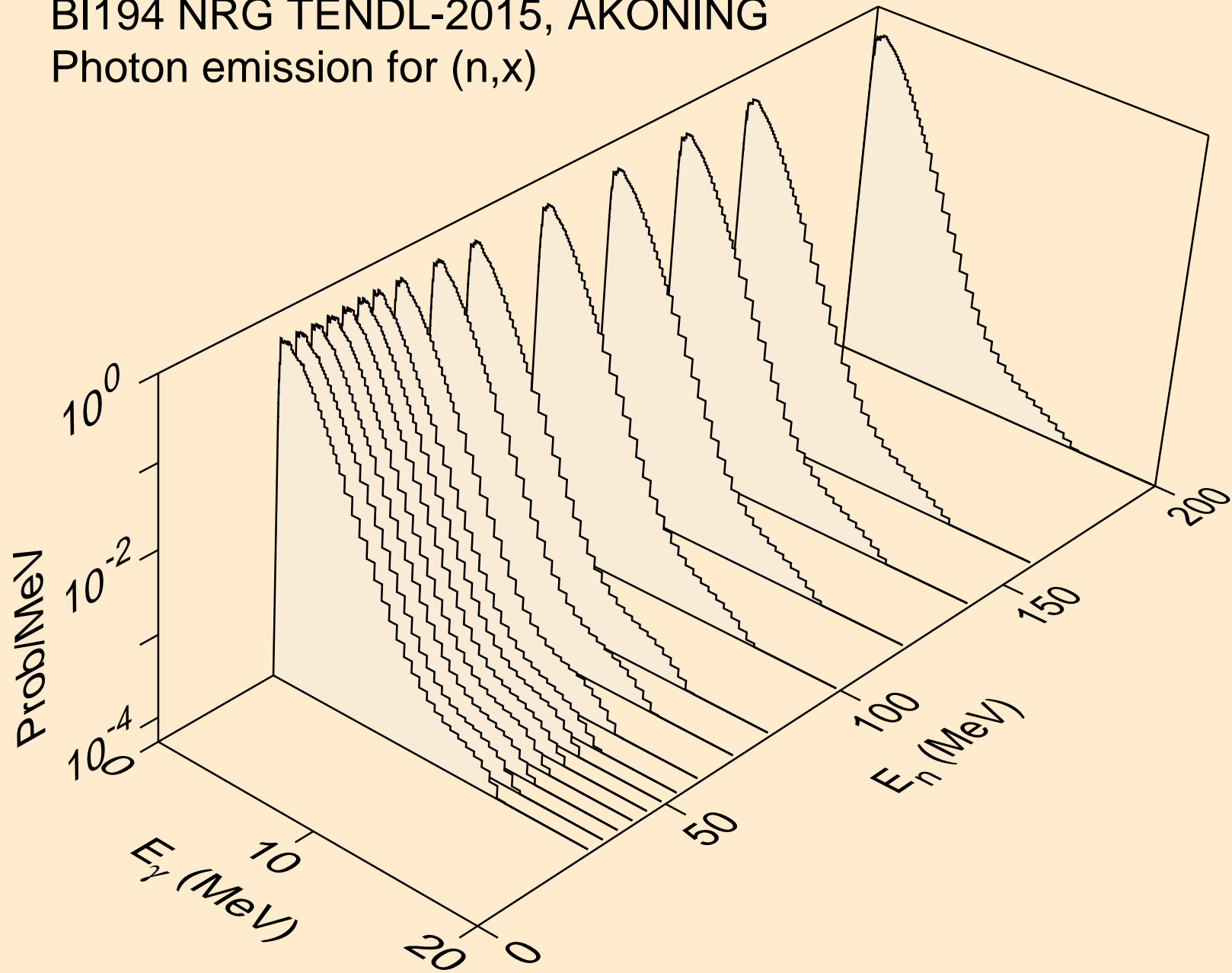
BI194 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



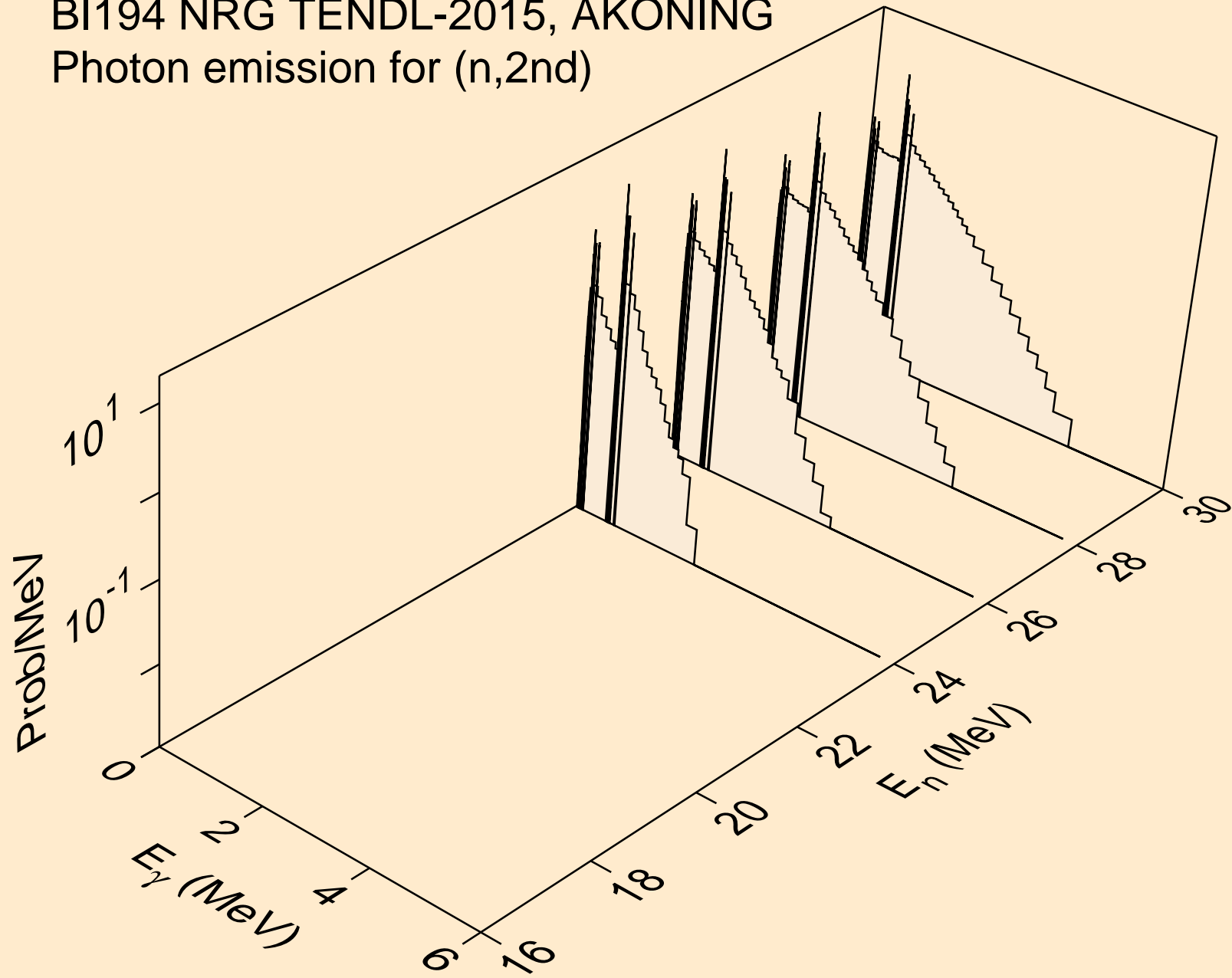
BI194 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



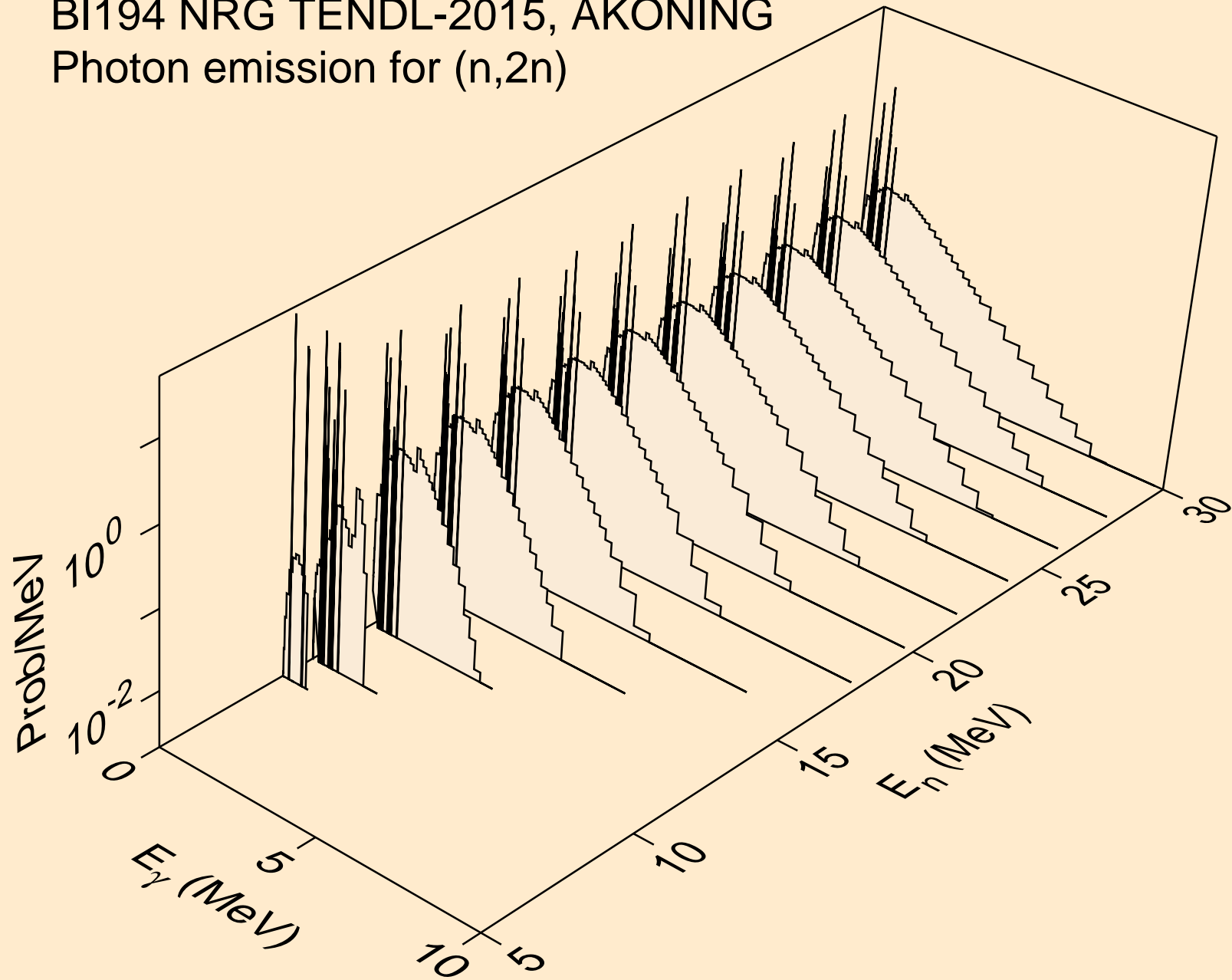
BI194 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



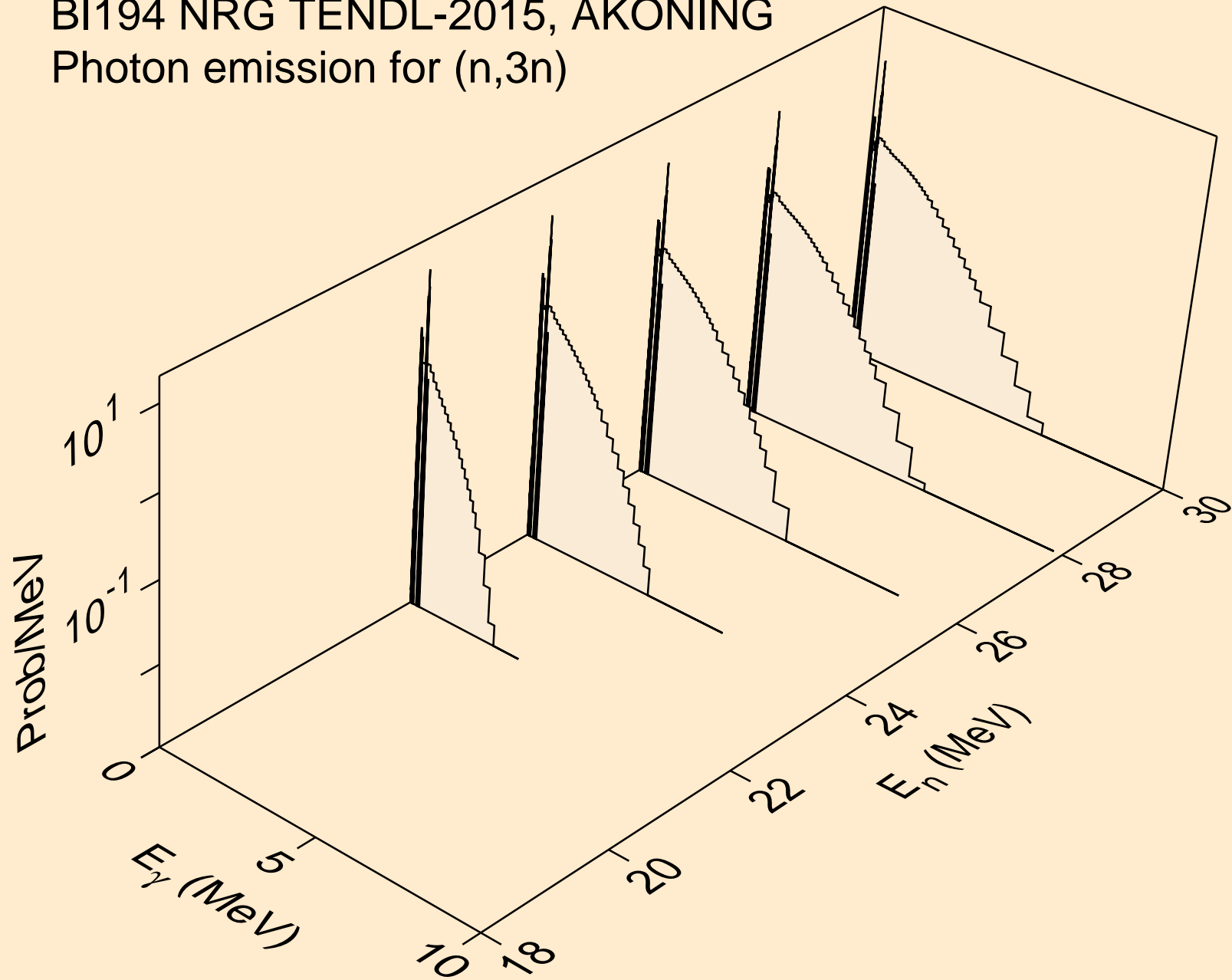
BI194 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



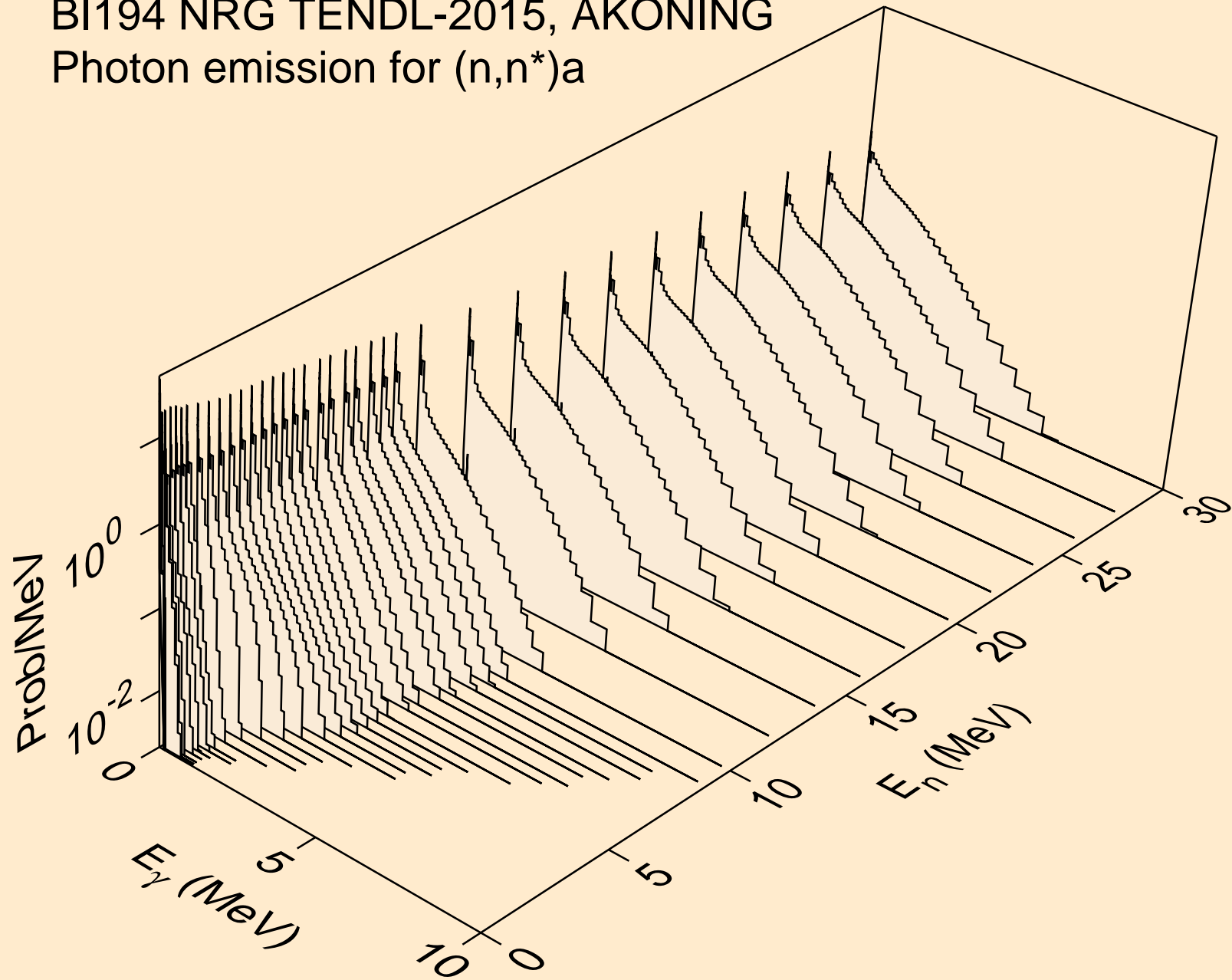
BI194 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



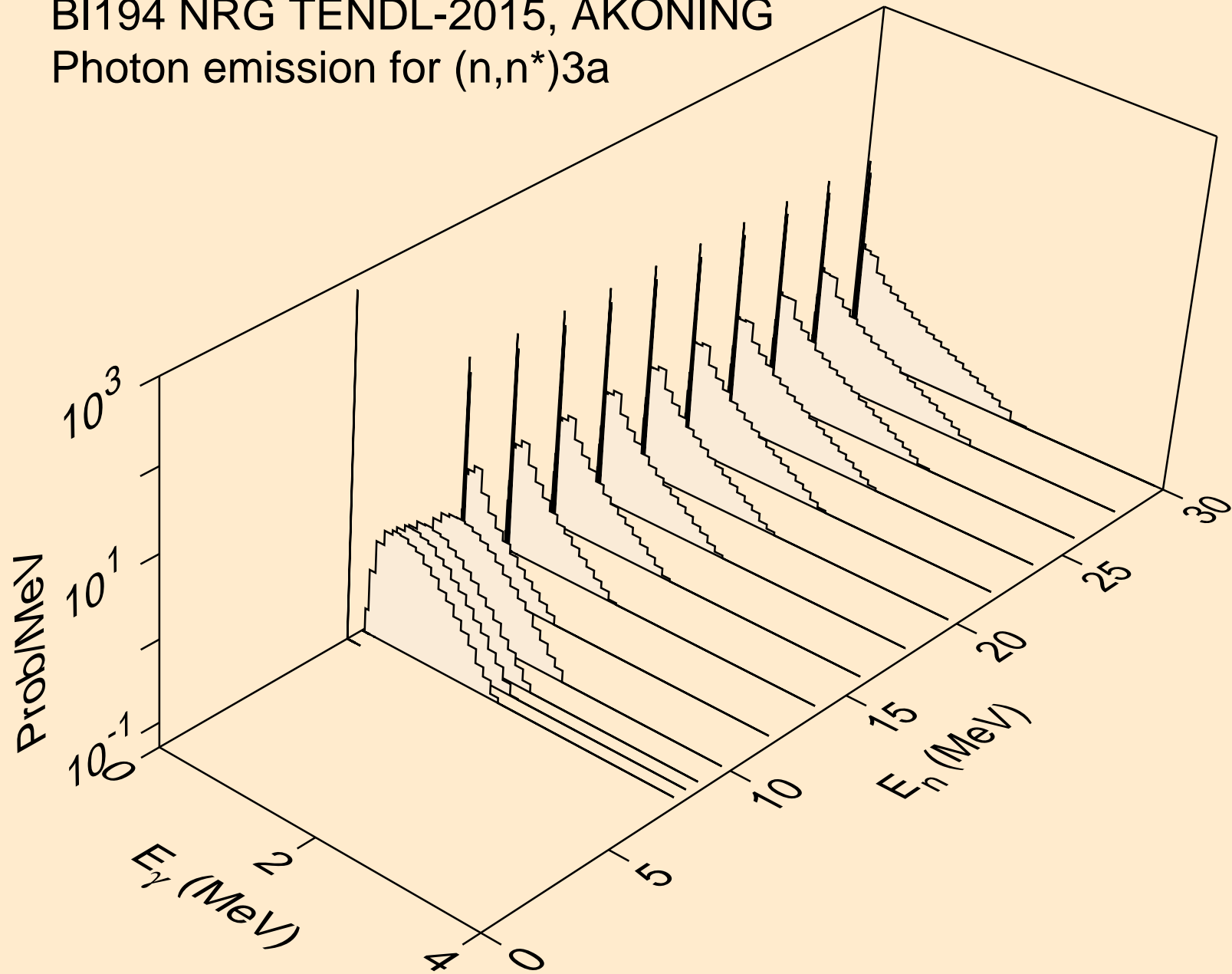
BI194 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



BI194 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

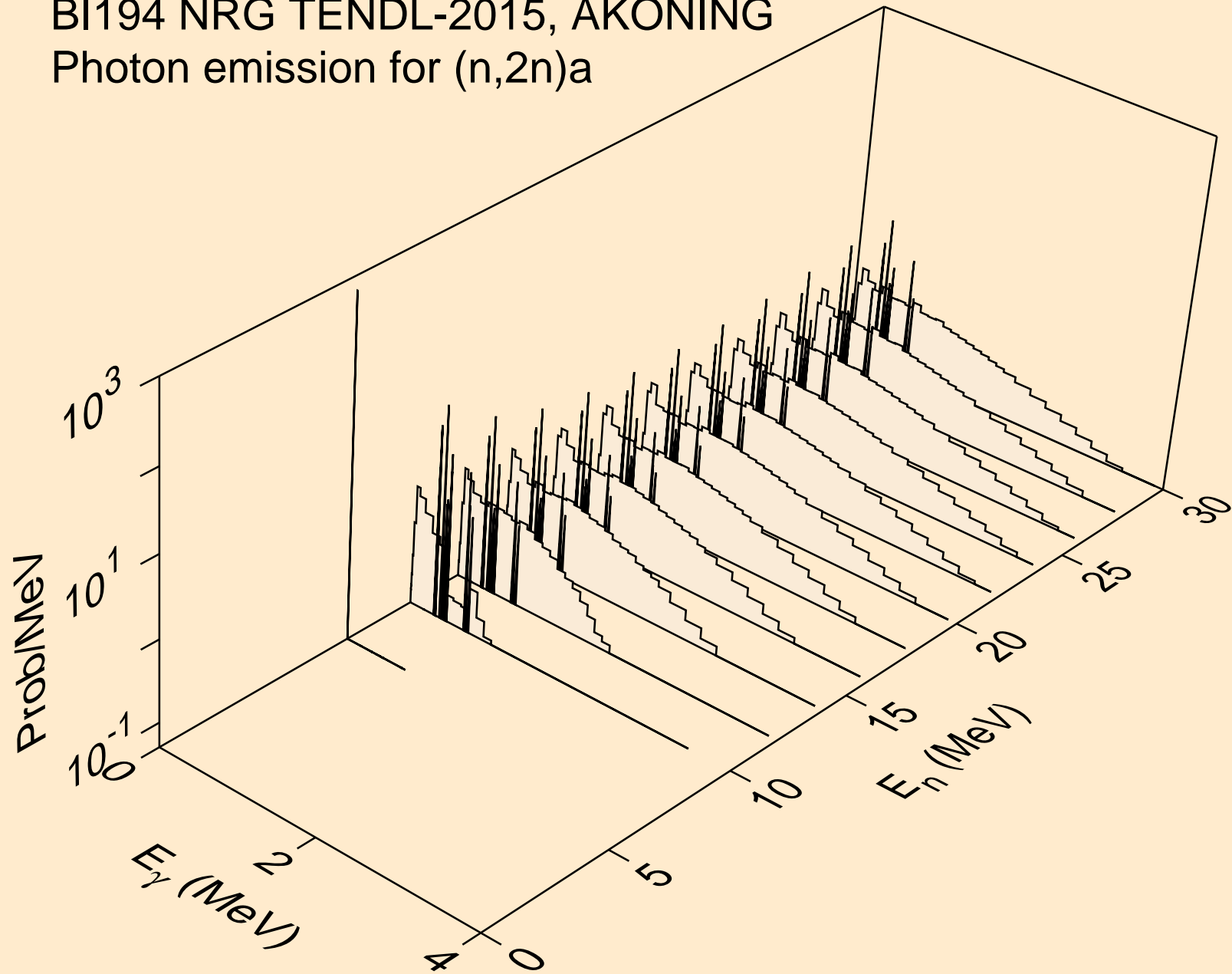


BI194 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)3a

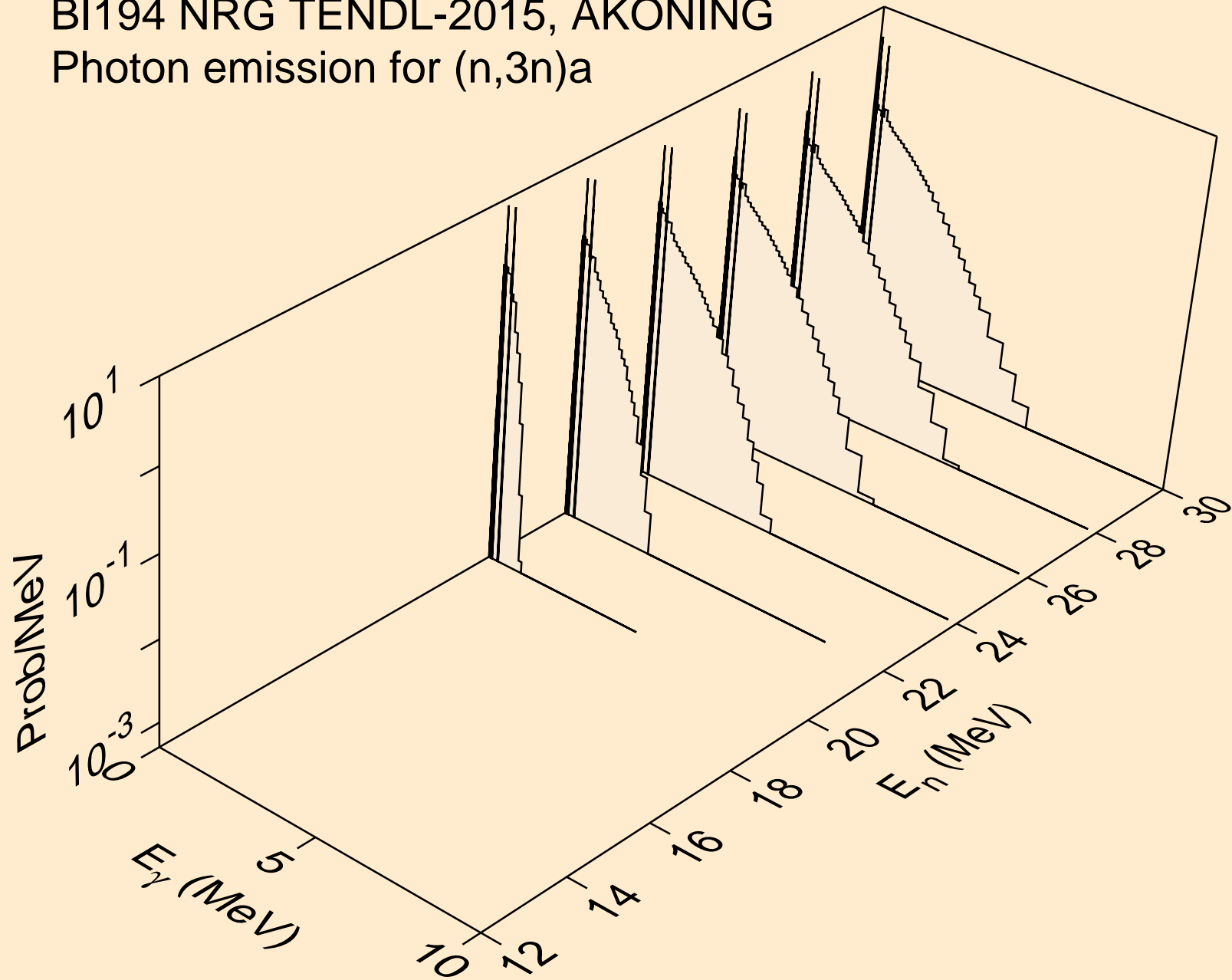




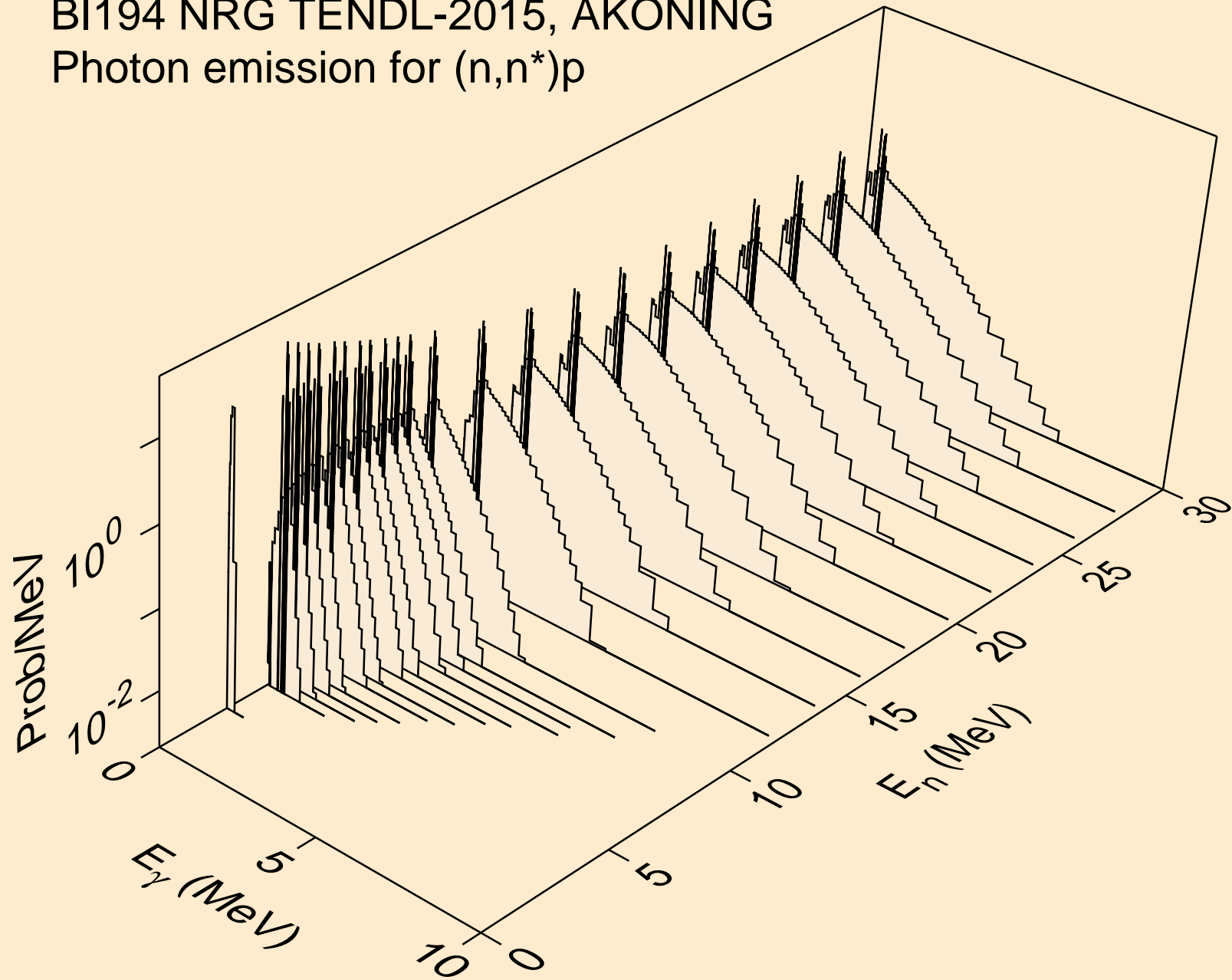
BI194 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



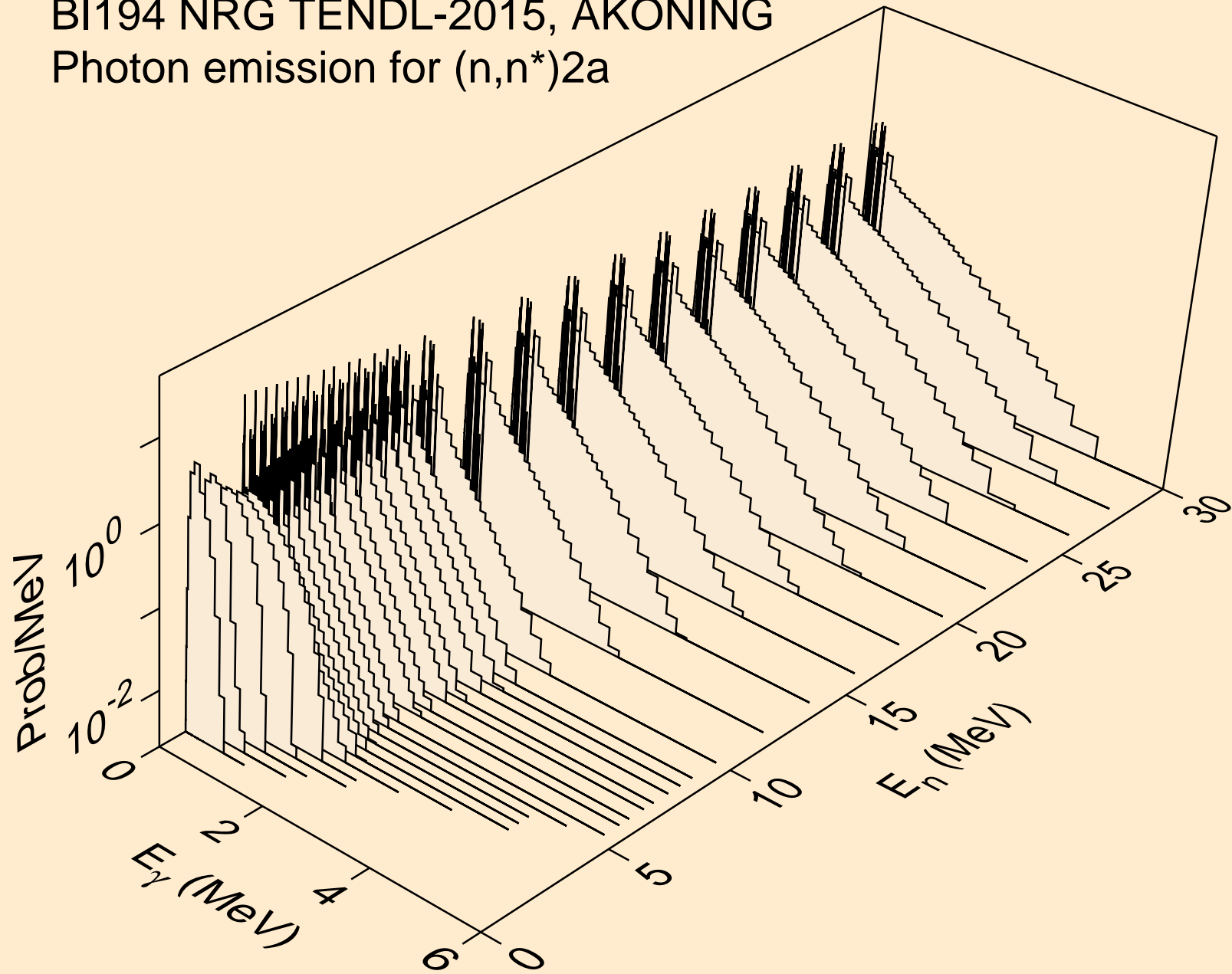
BI194 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



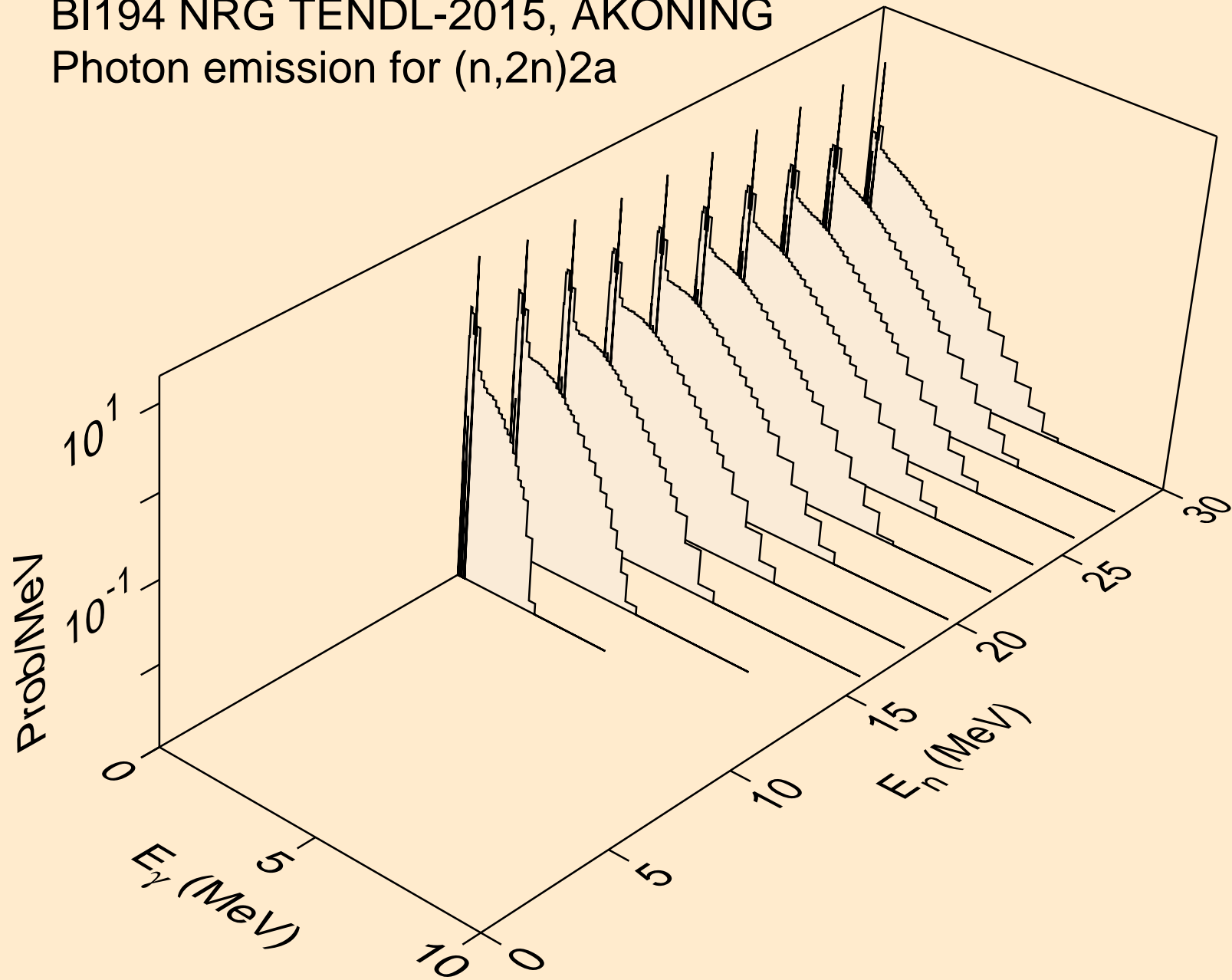
BI194 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



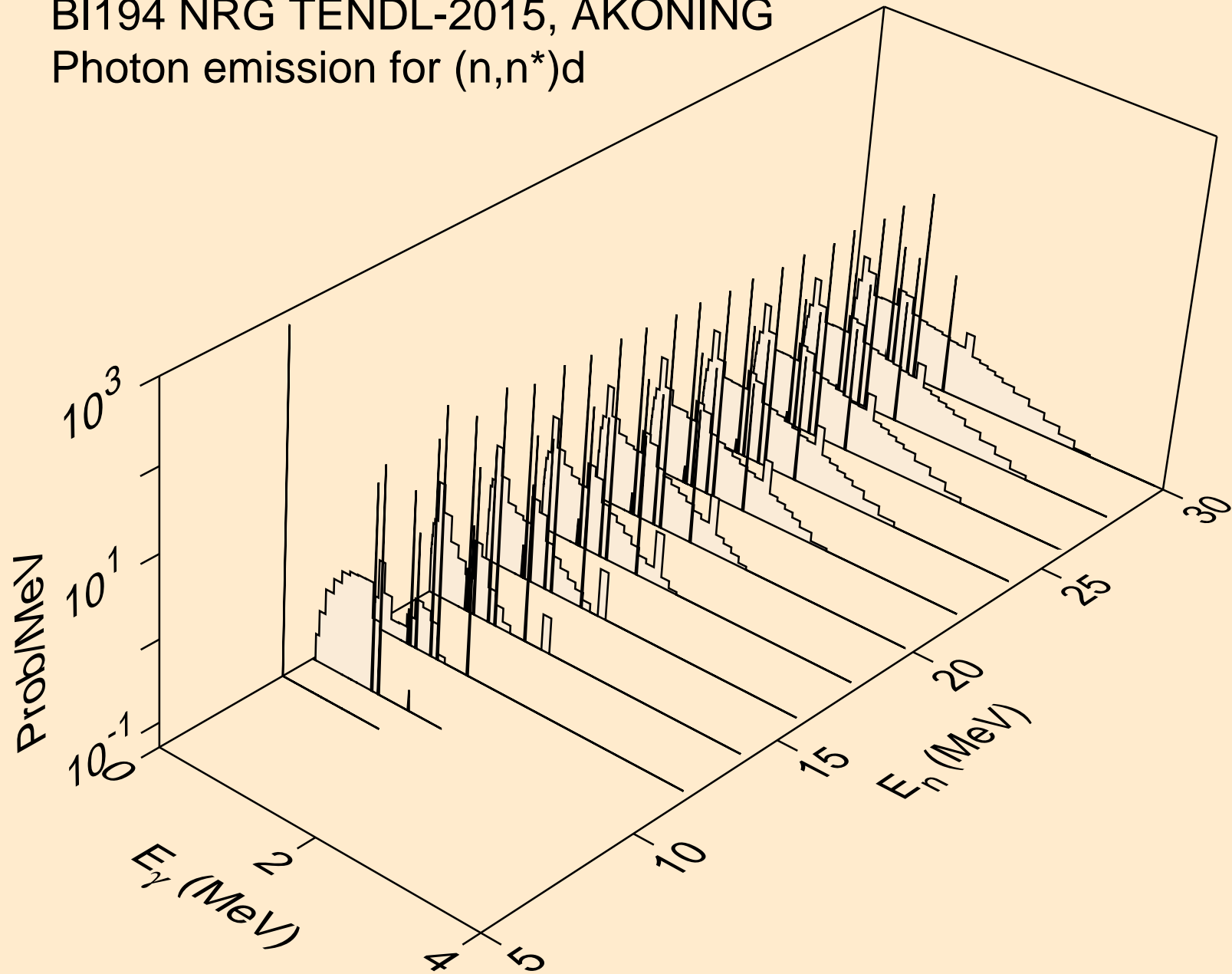
BI194 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



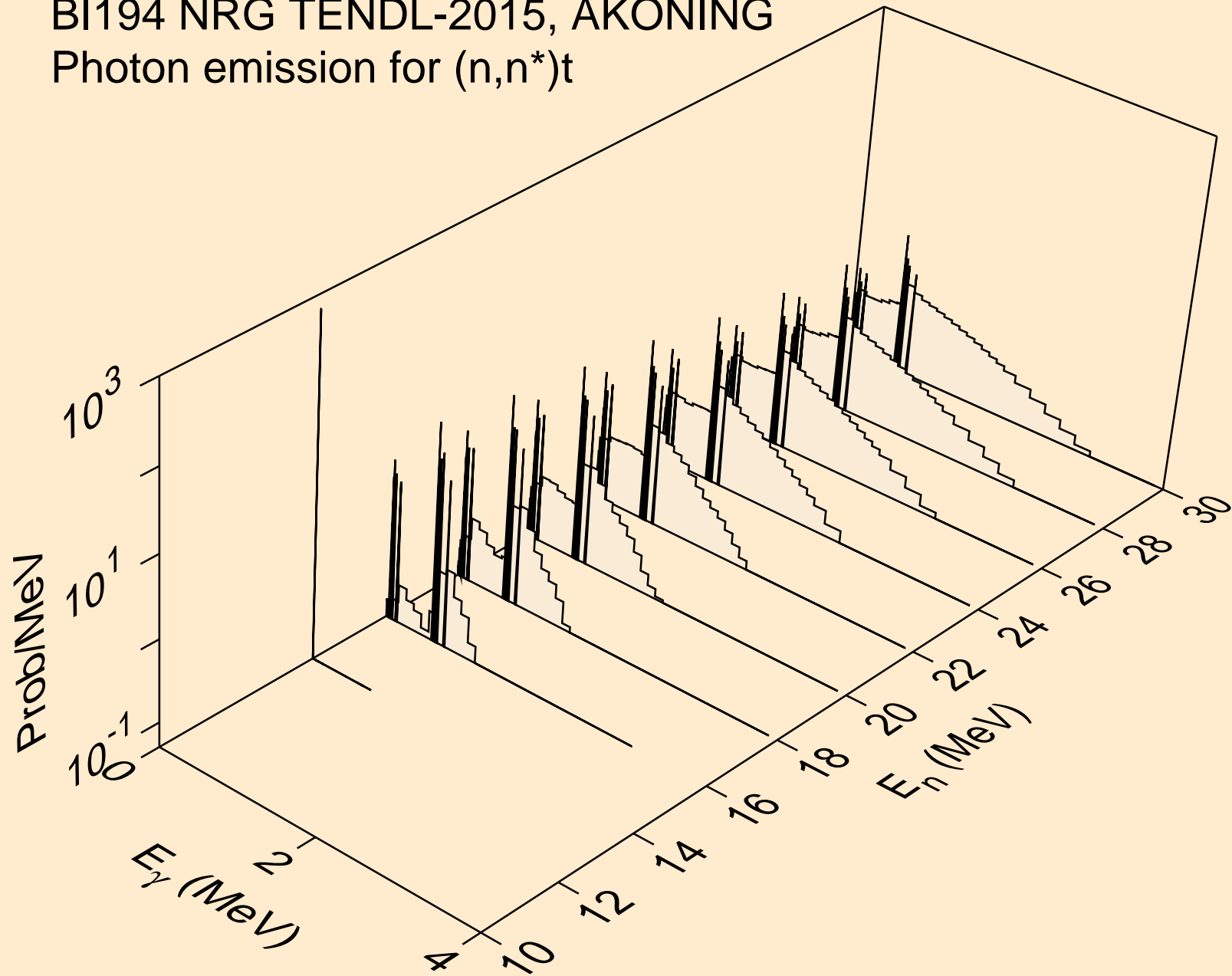
BI194 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



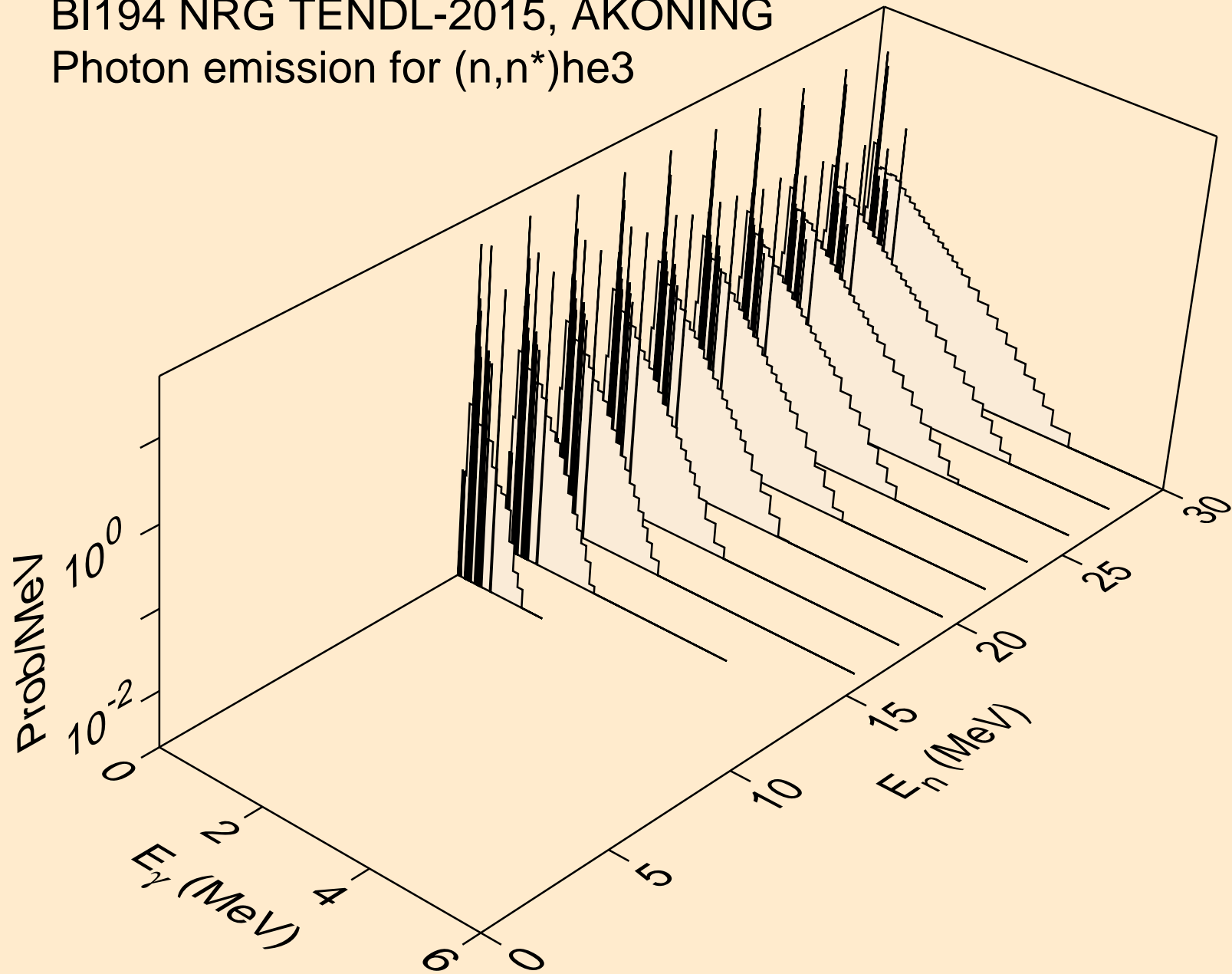
BI194 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



BI194 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

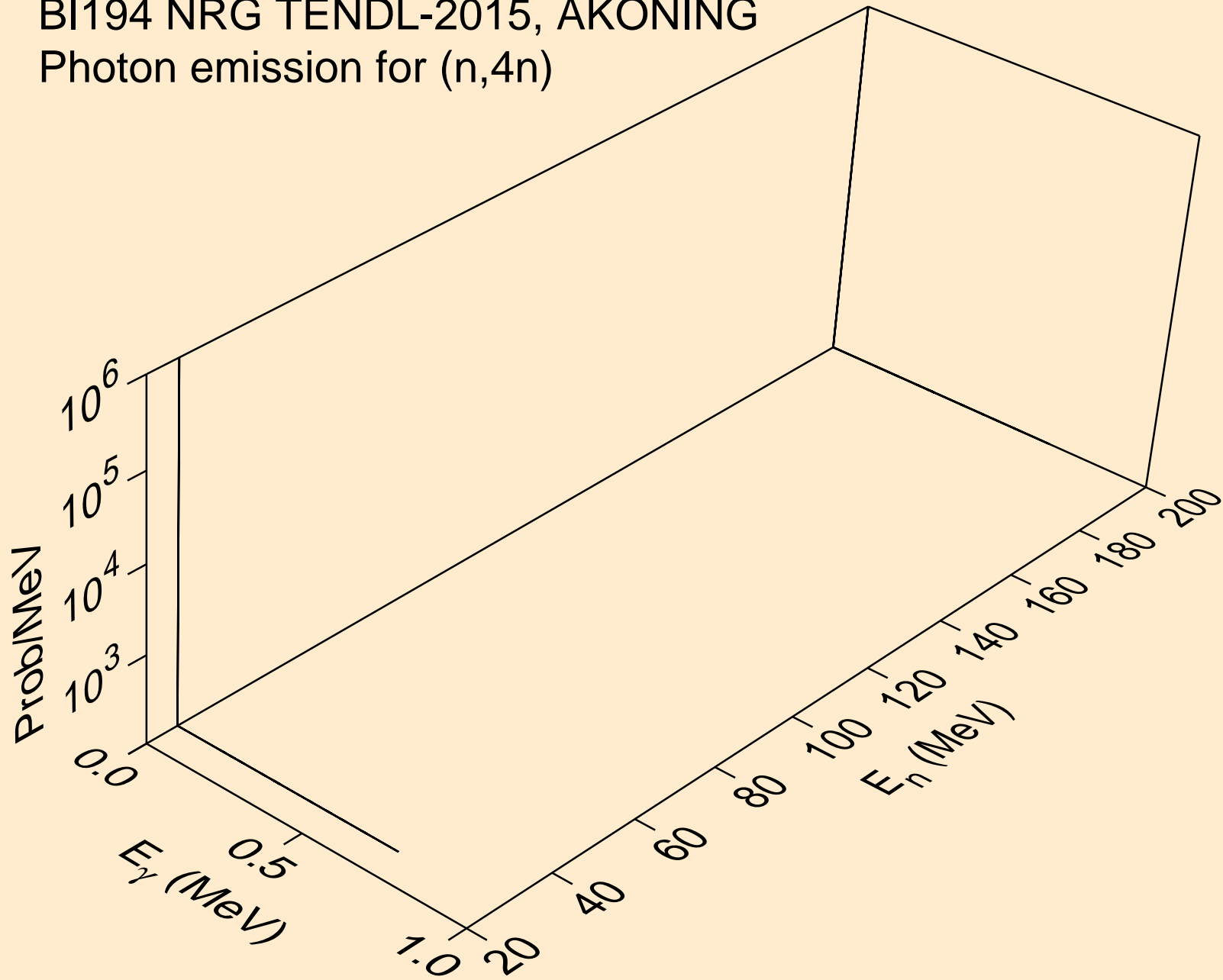


BI194 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

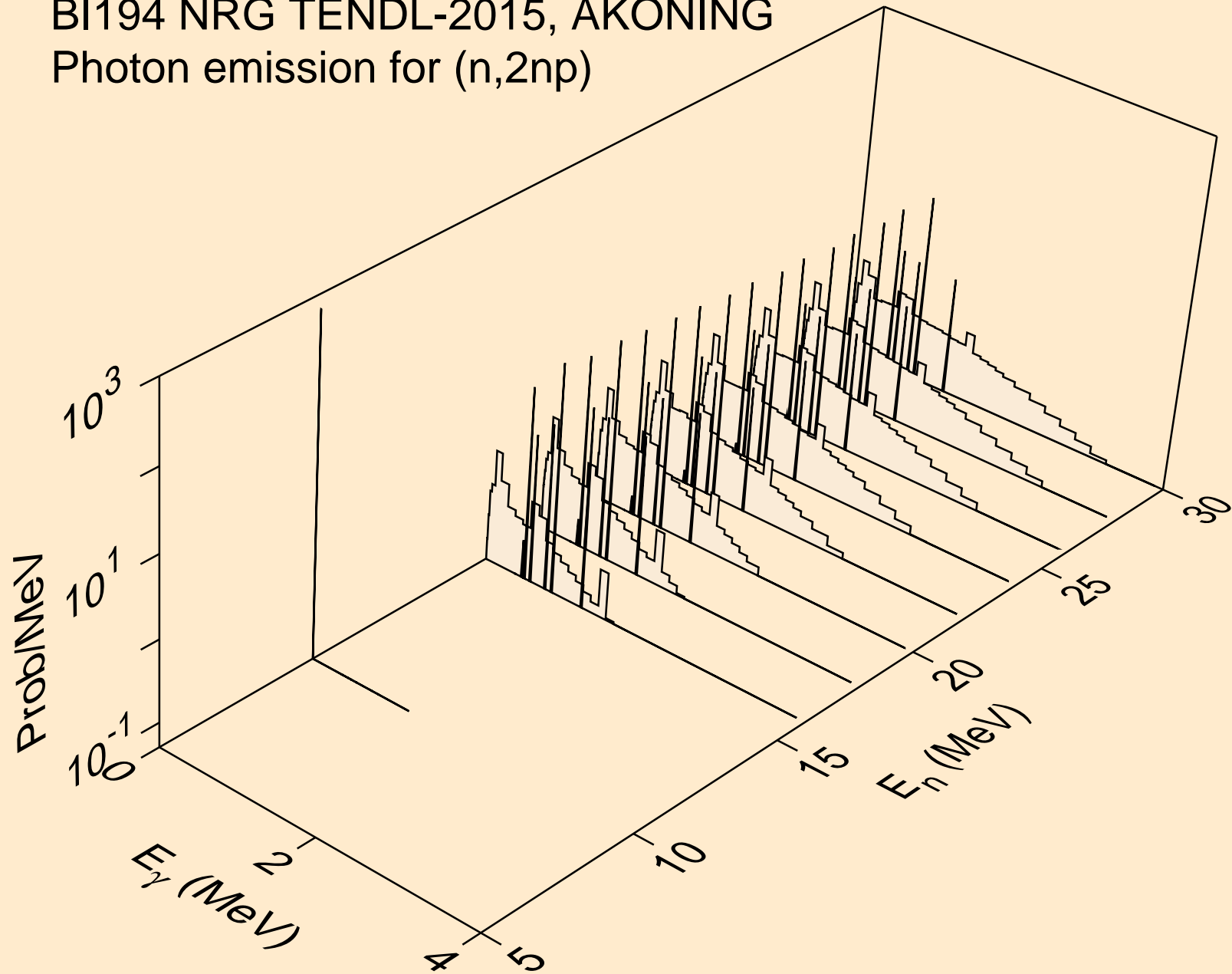




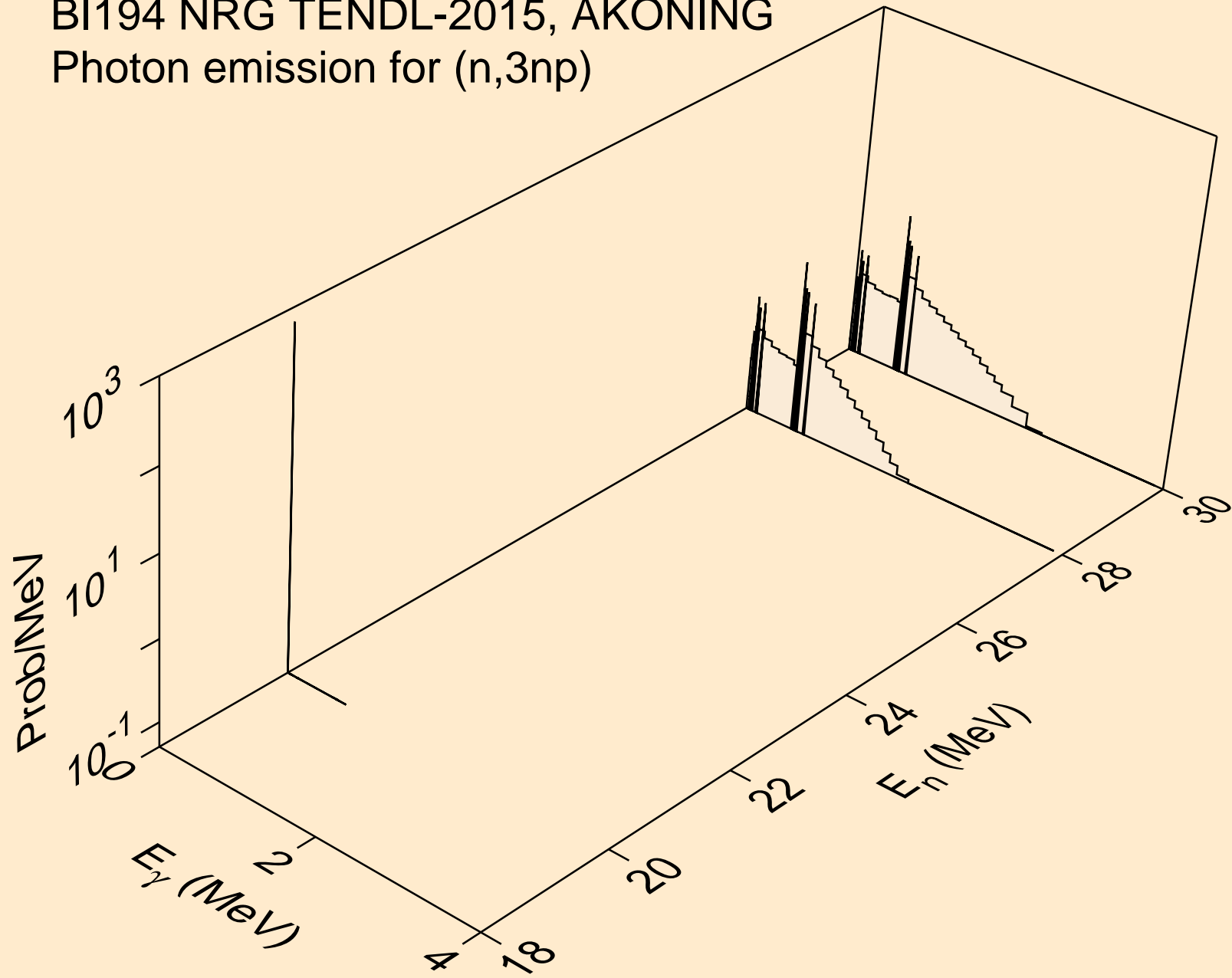
BI194 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



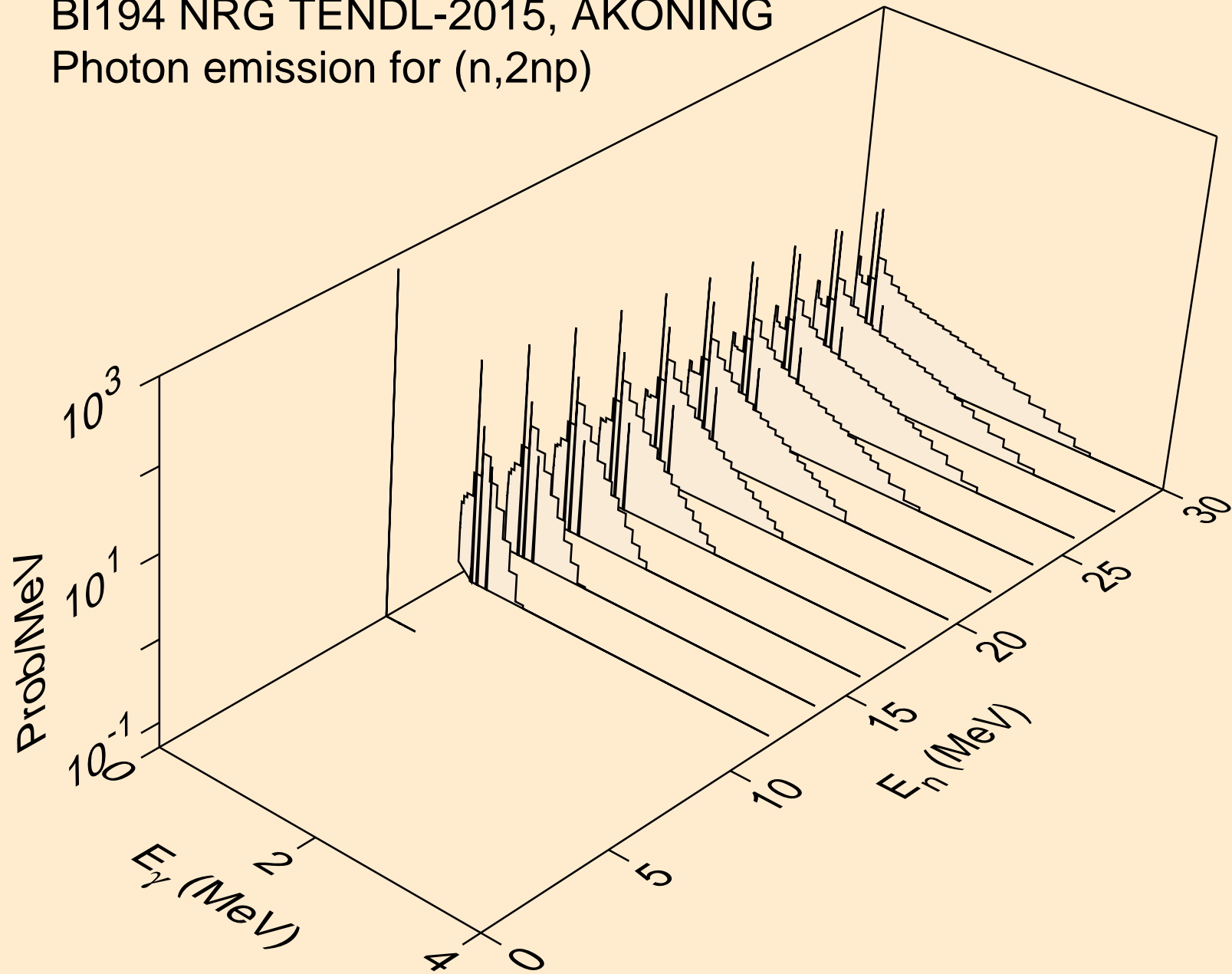
BI194 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



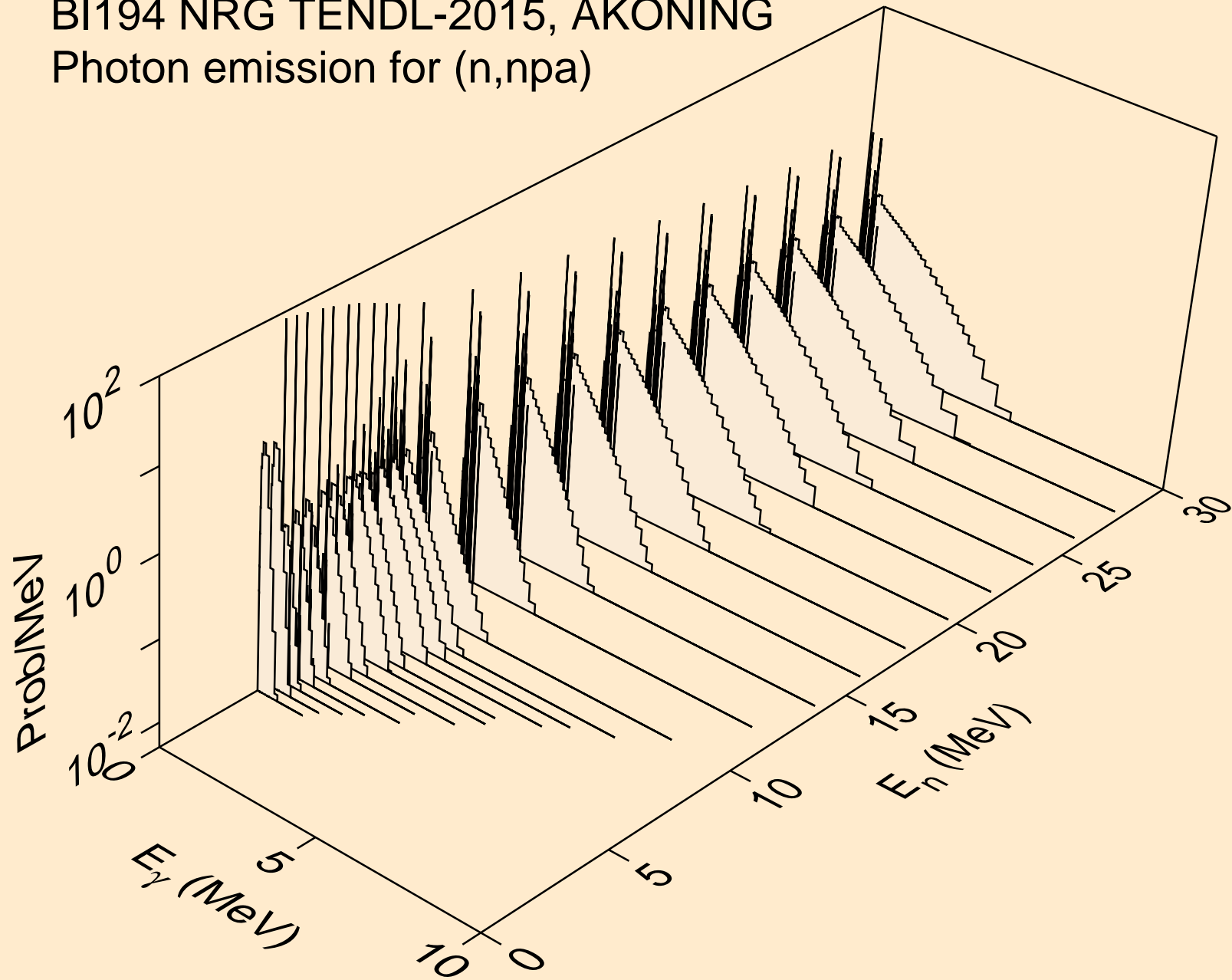
BI194 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



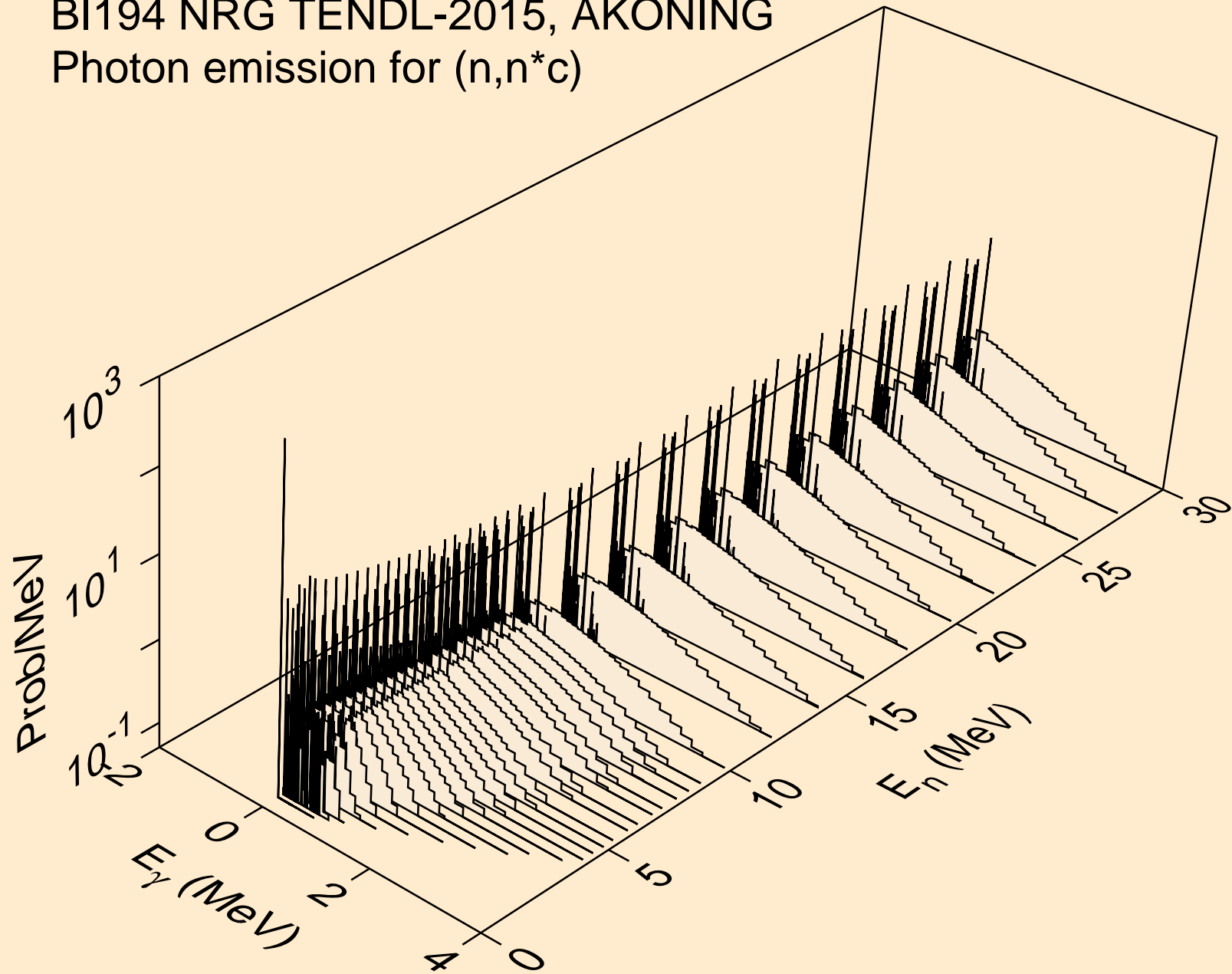
BI194 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



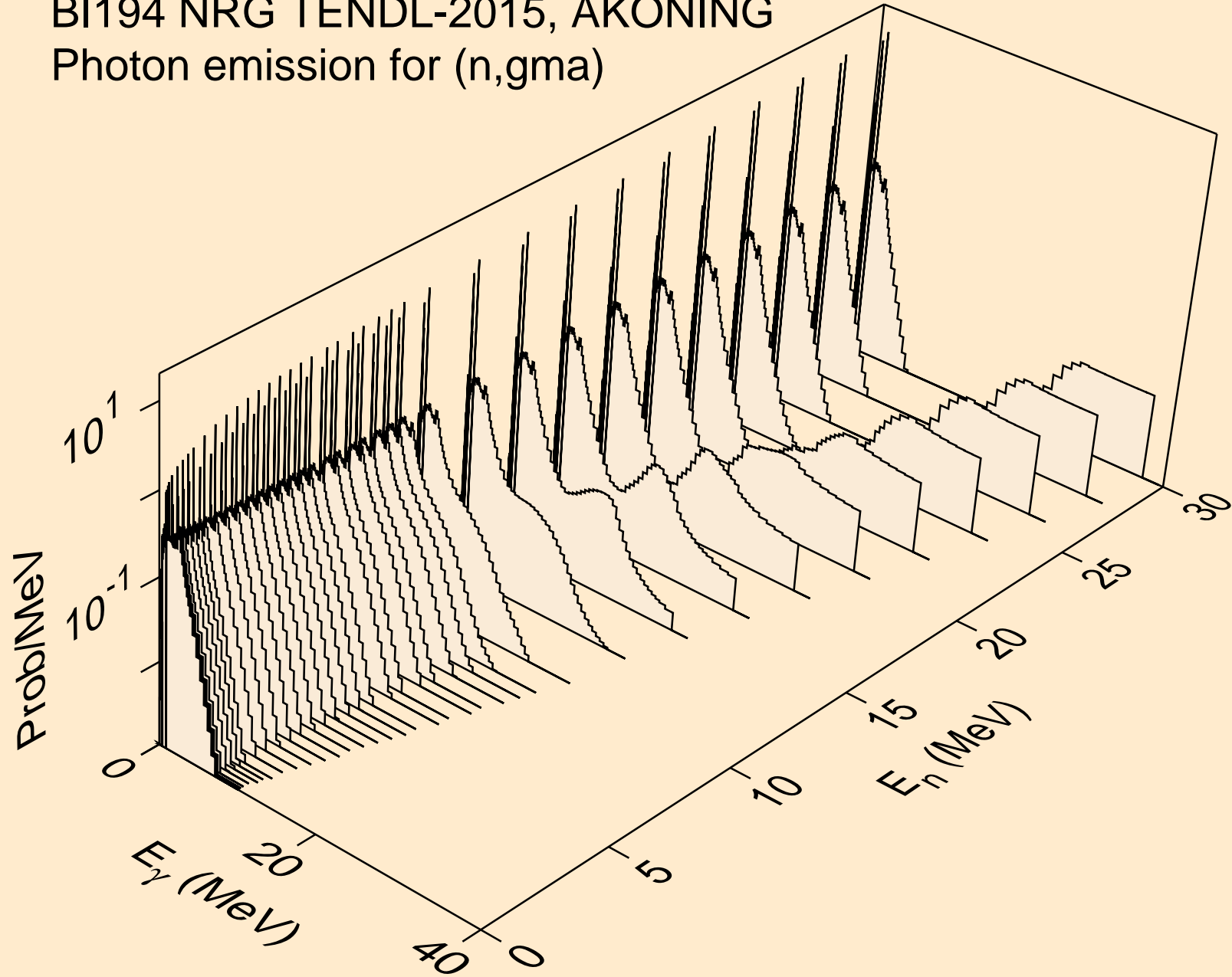
BI194 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



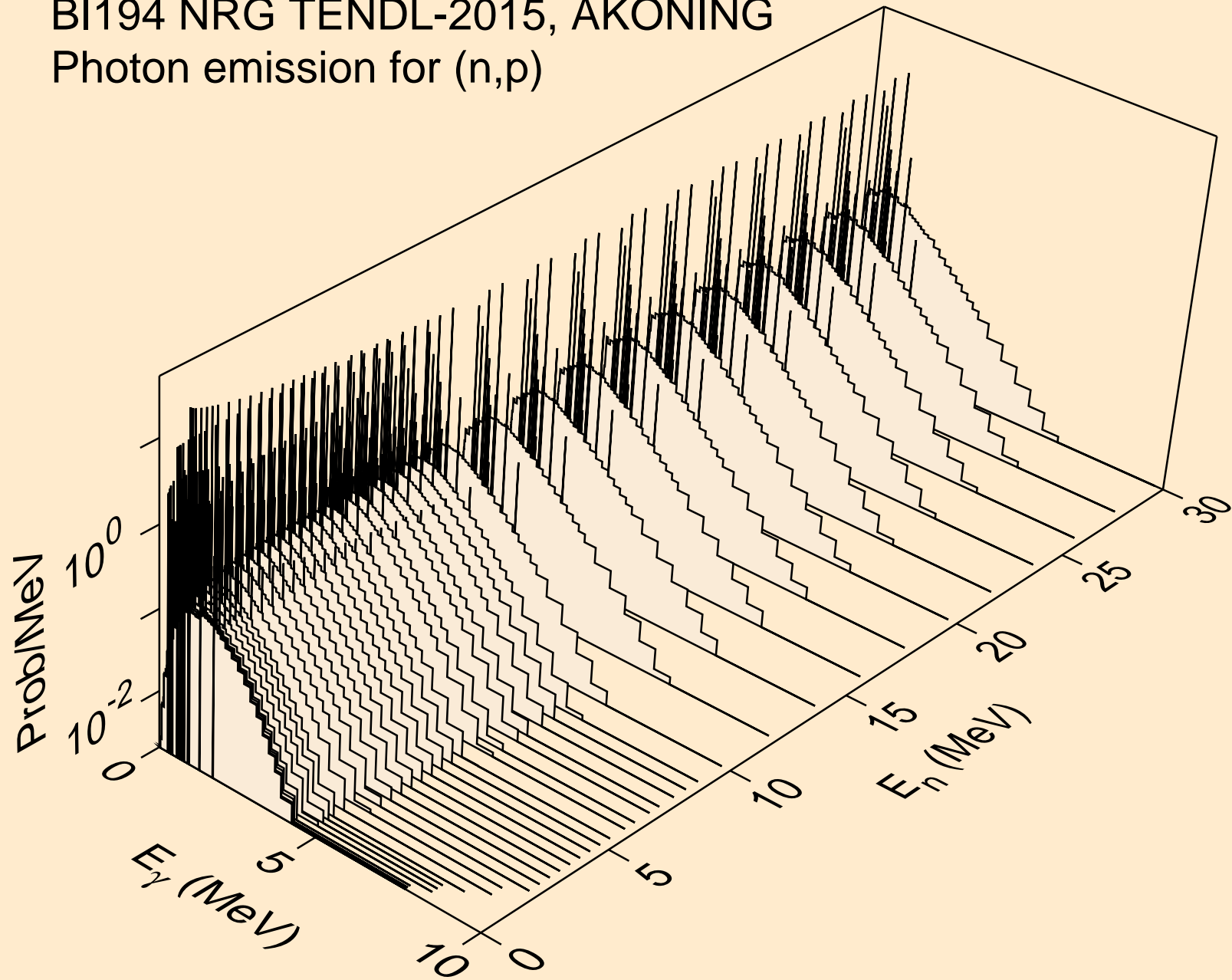
BI194 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



BI194 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)

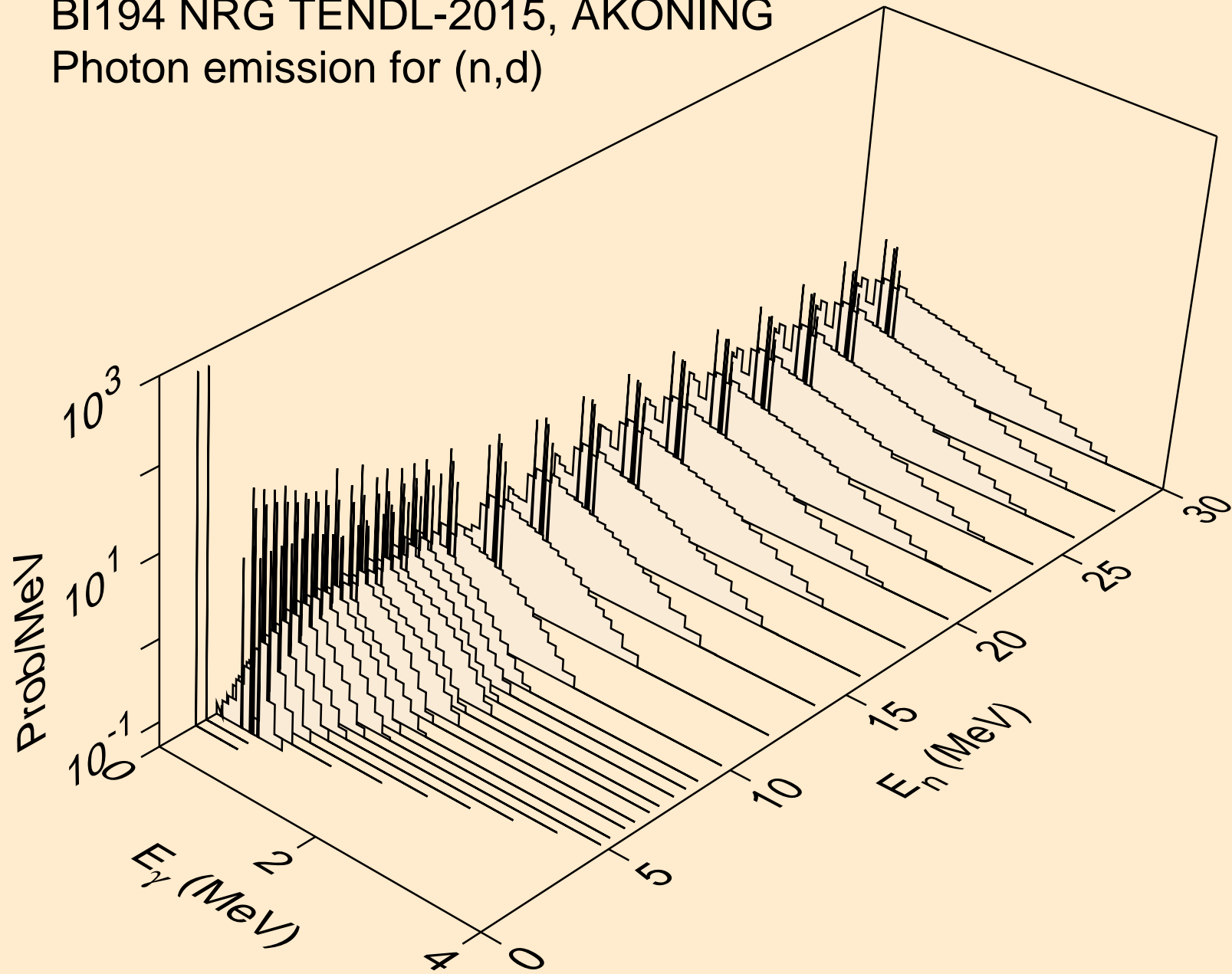


BI194 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

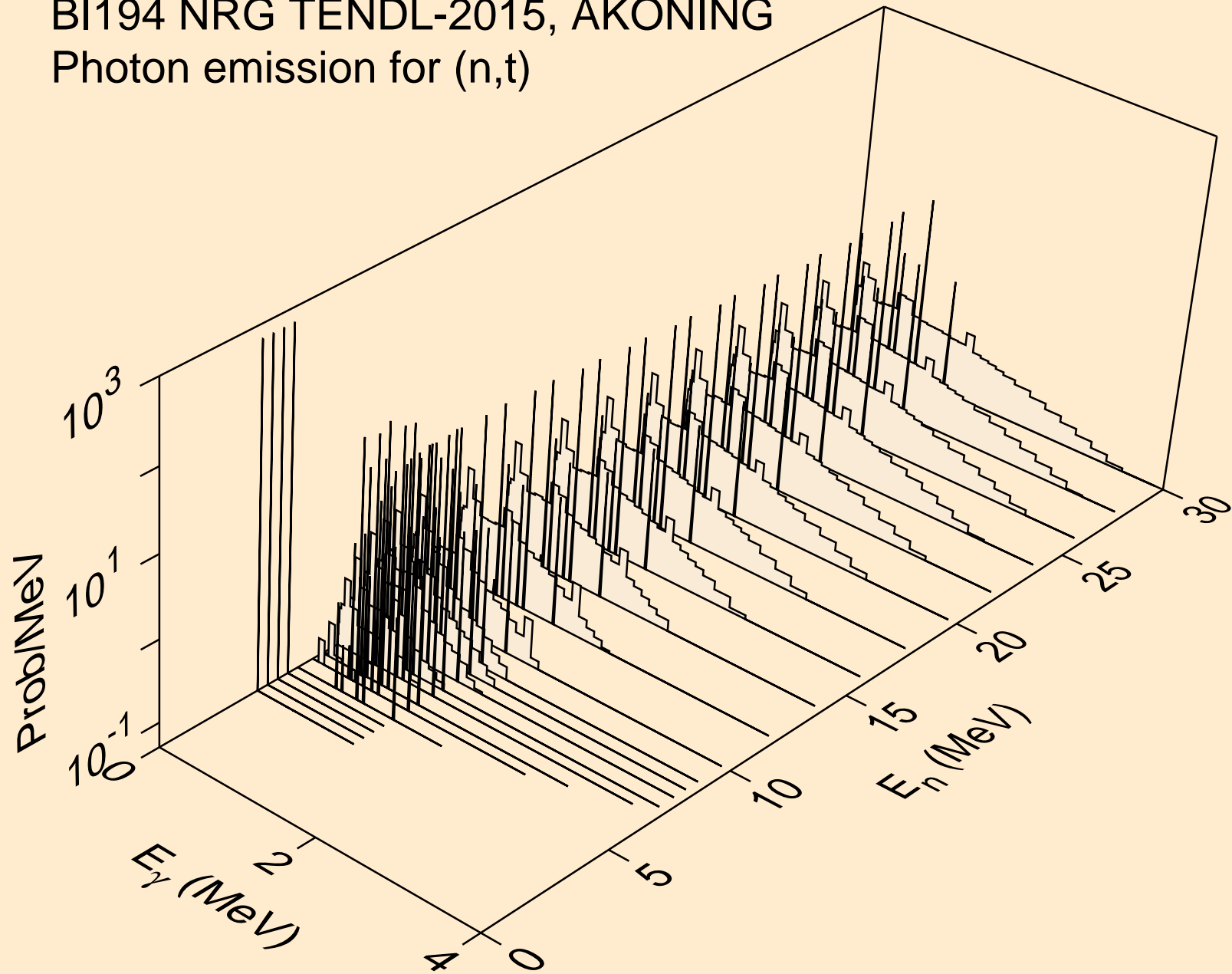




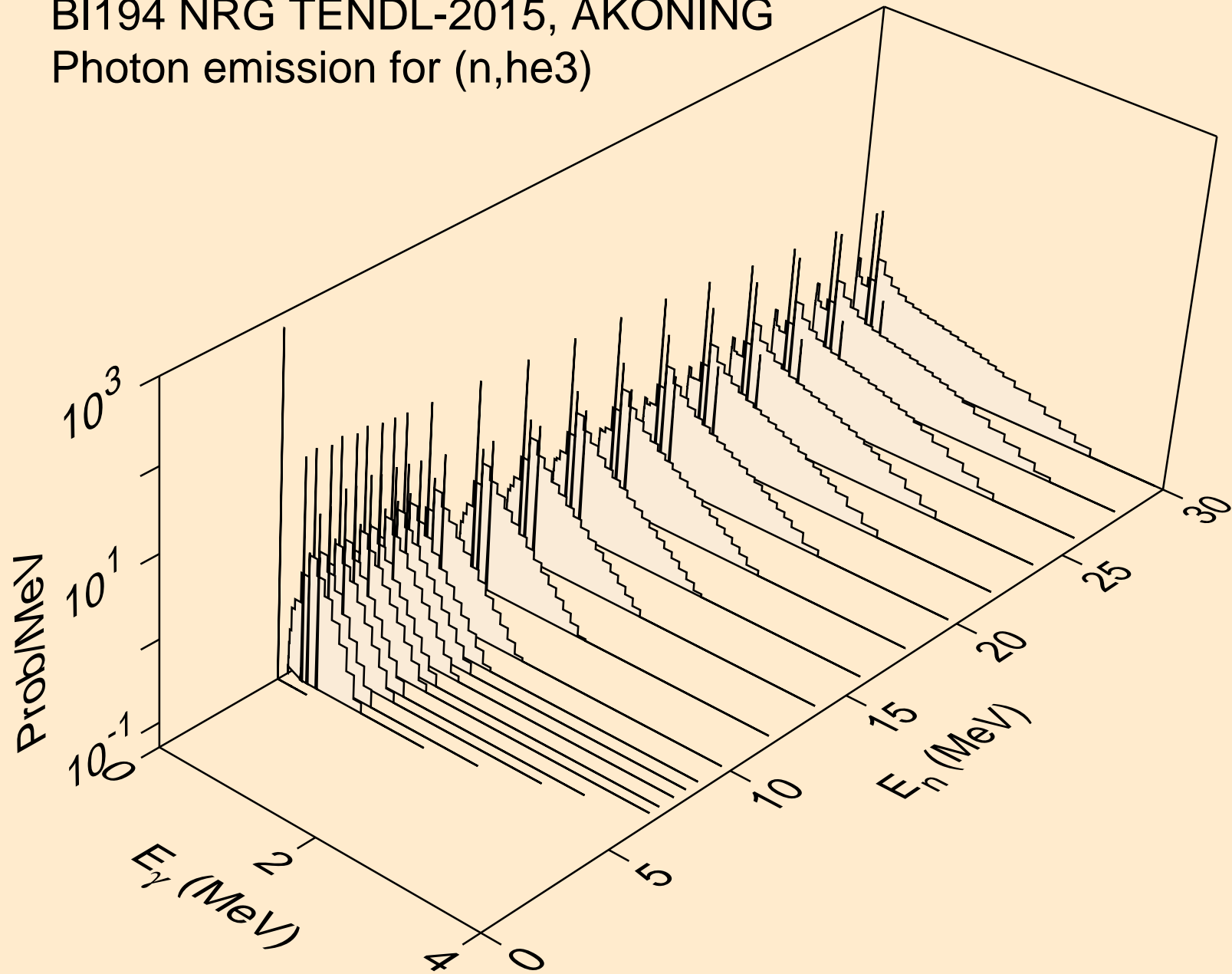
BI194 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



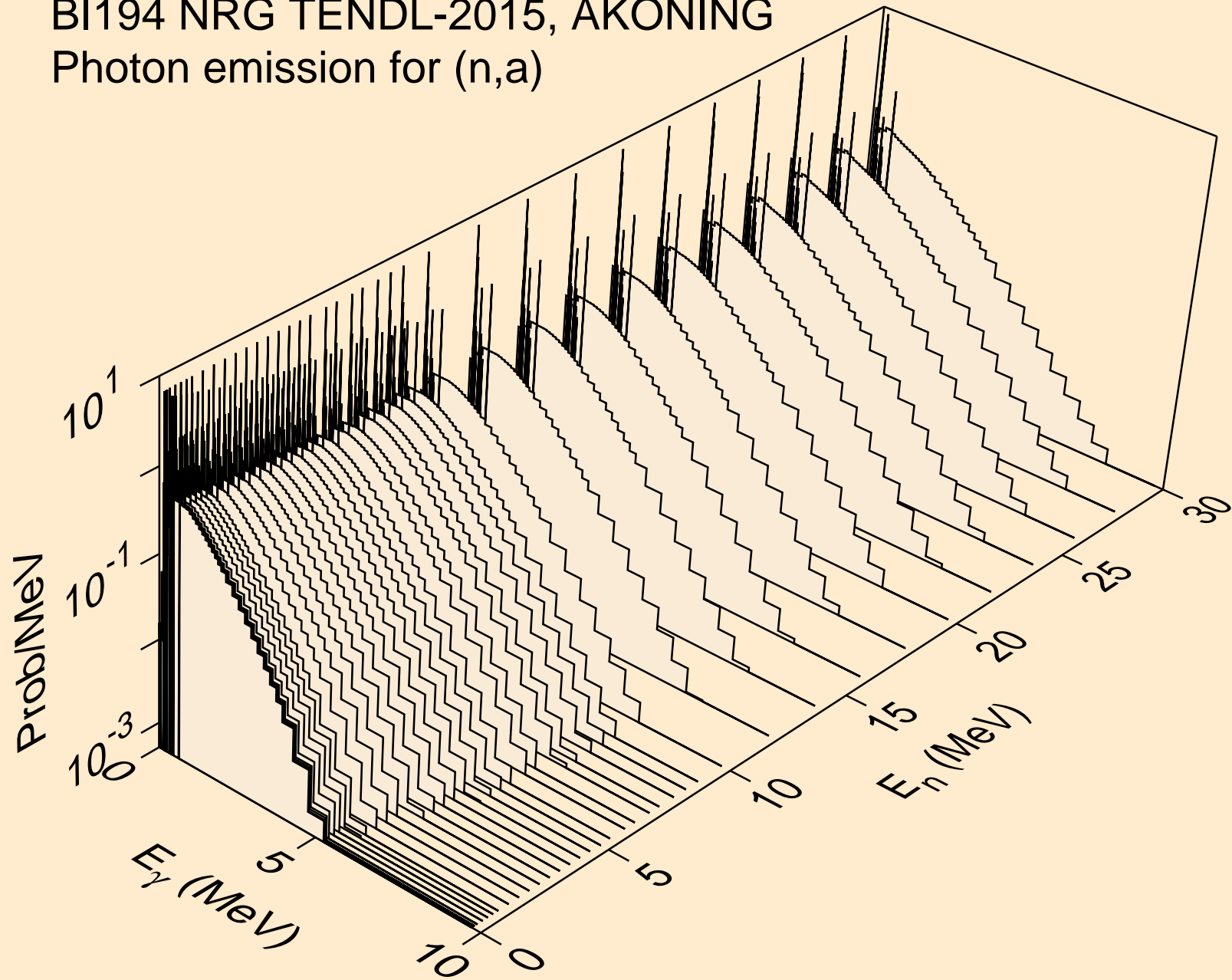
BI194 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



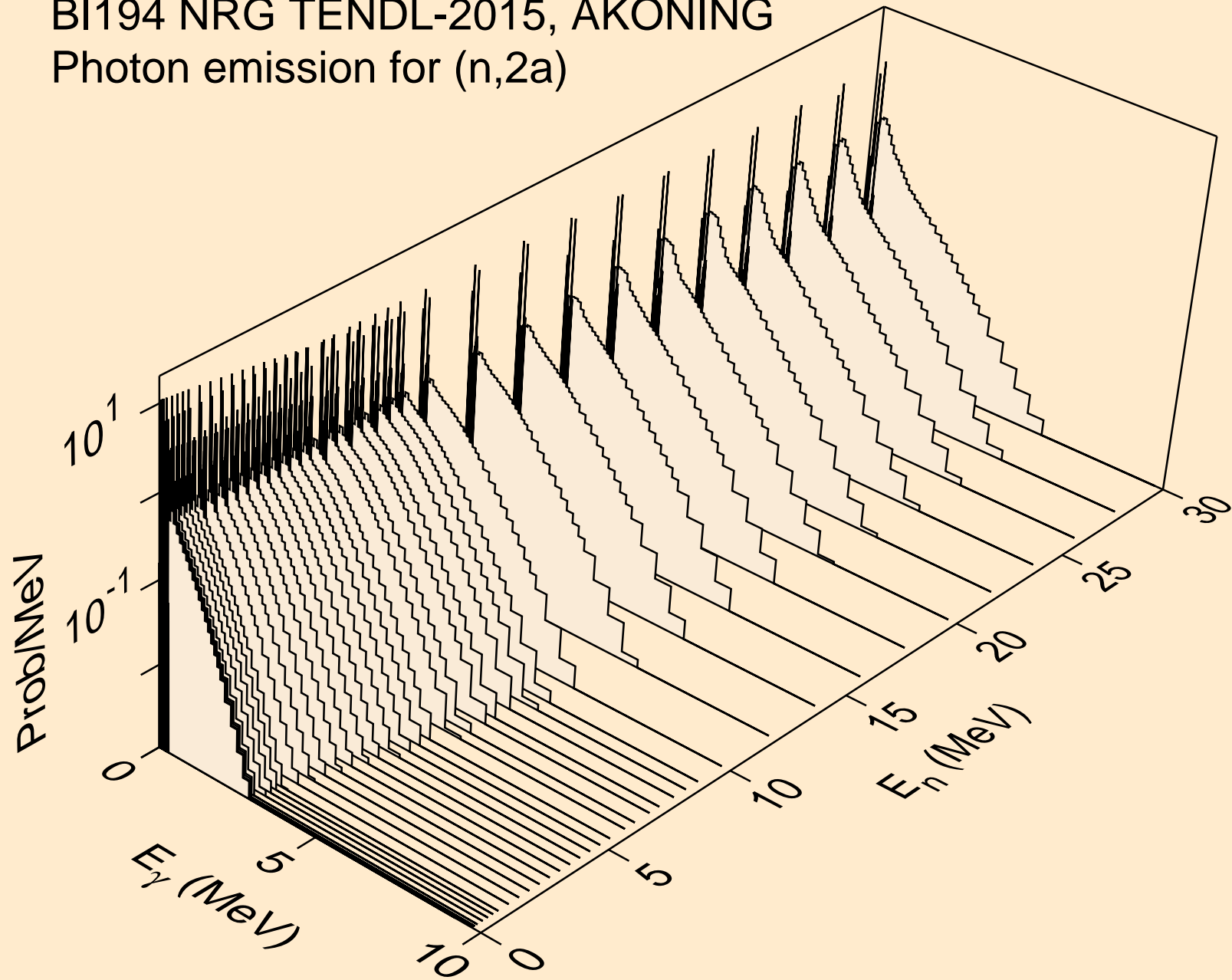
BI194 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



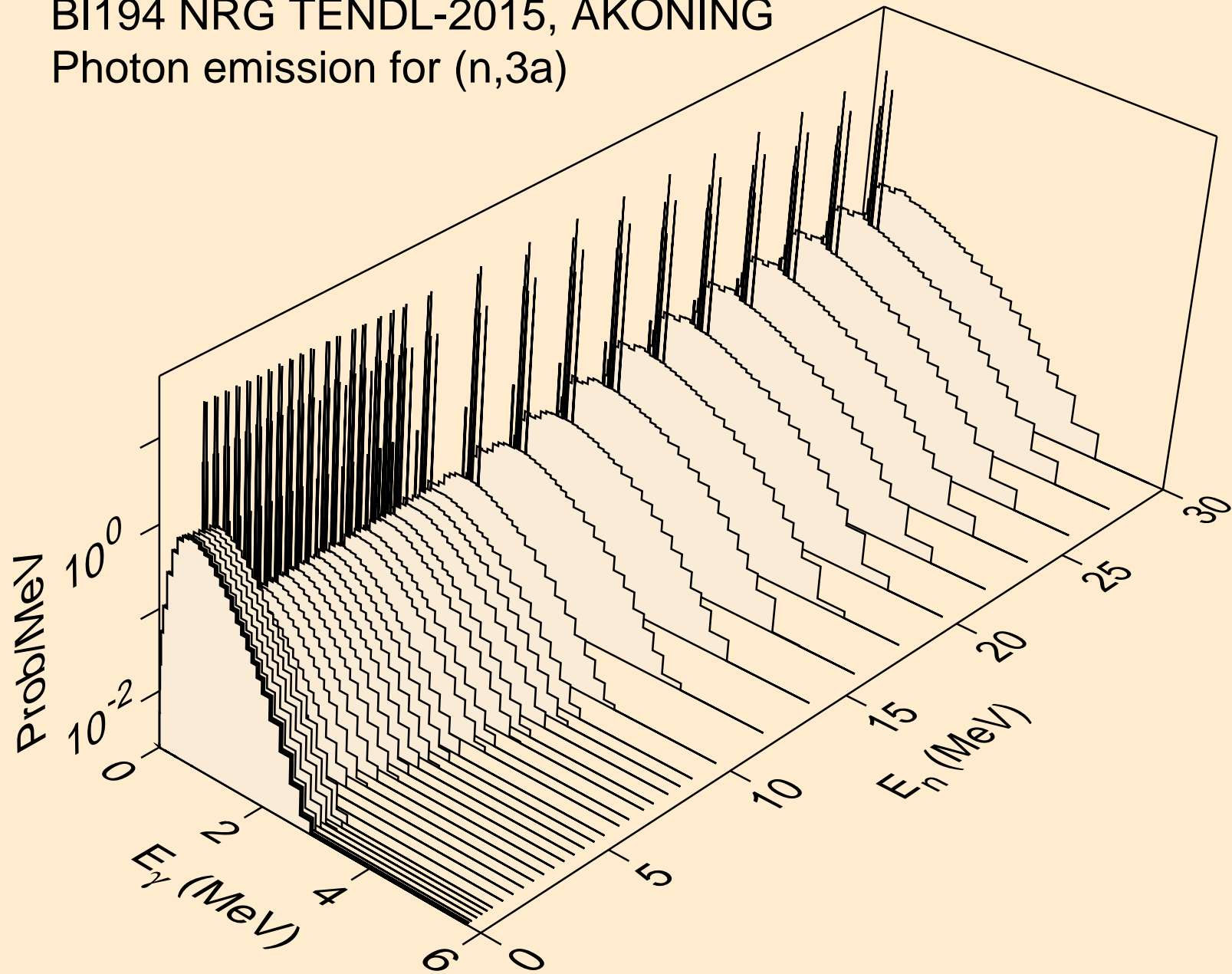
BI194 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



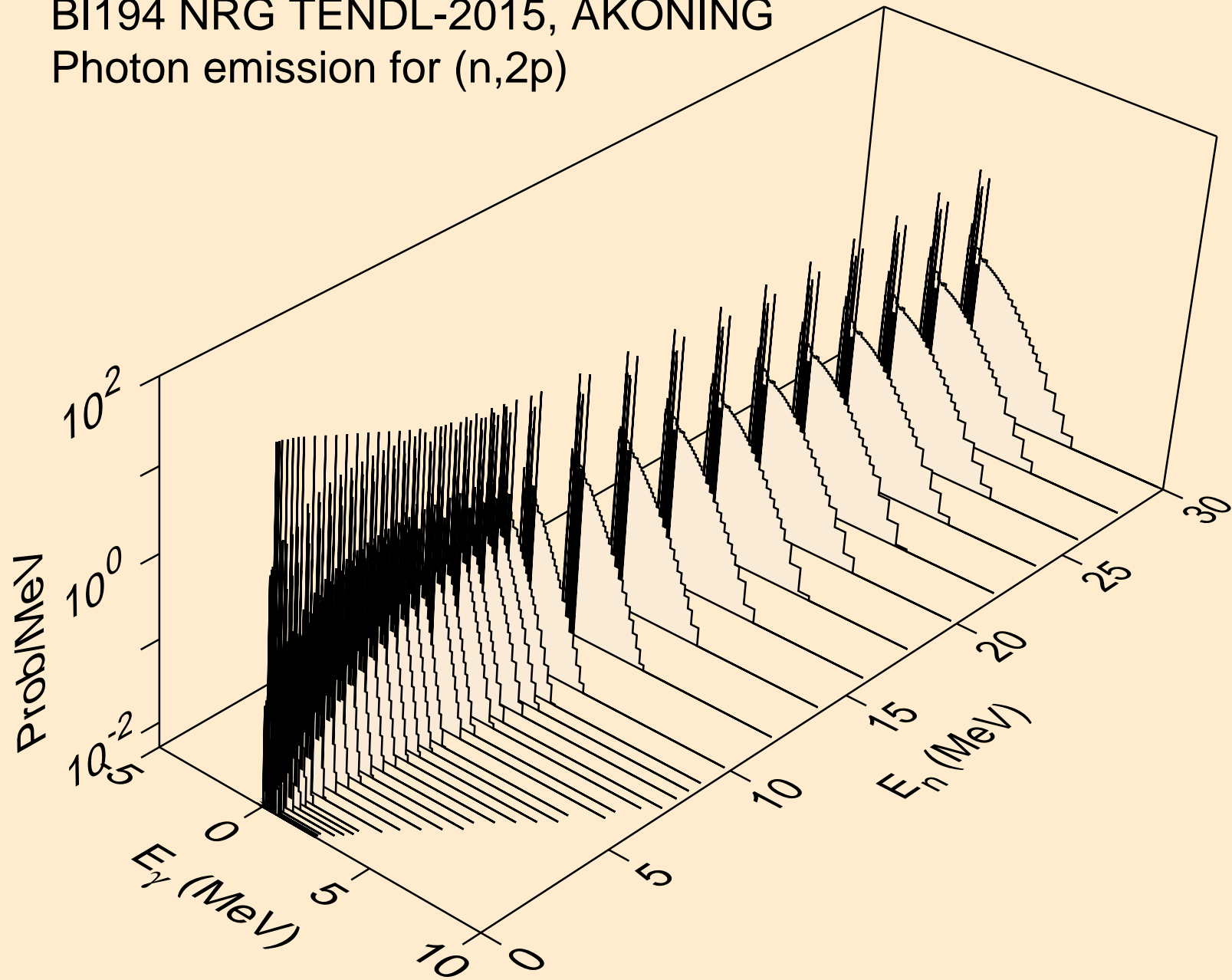
BI194 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



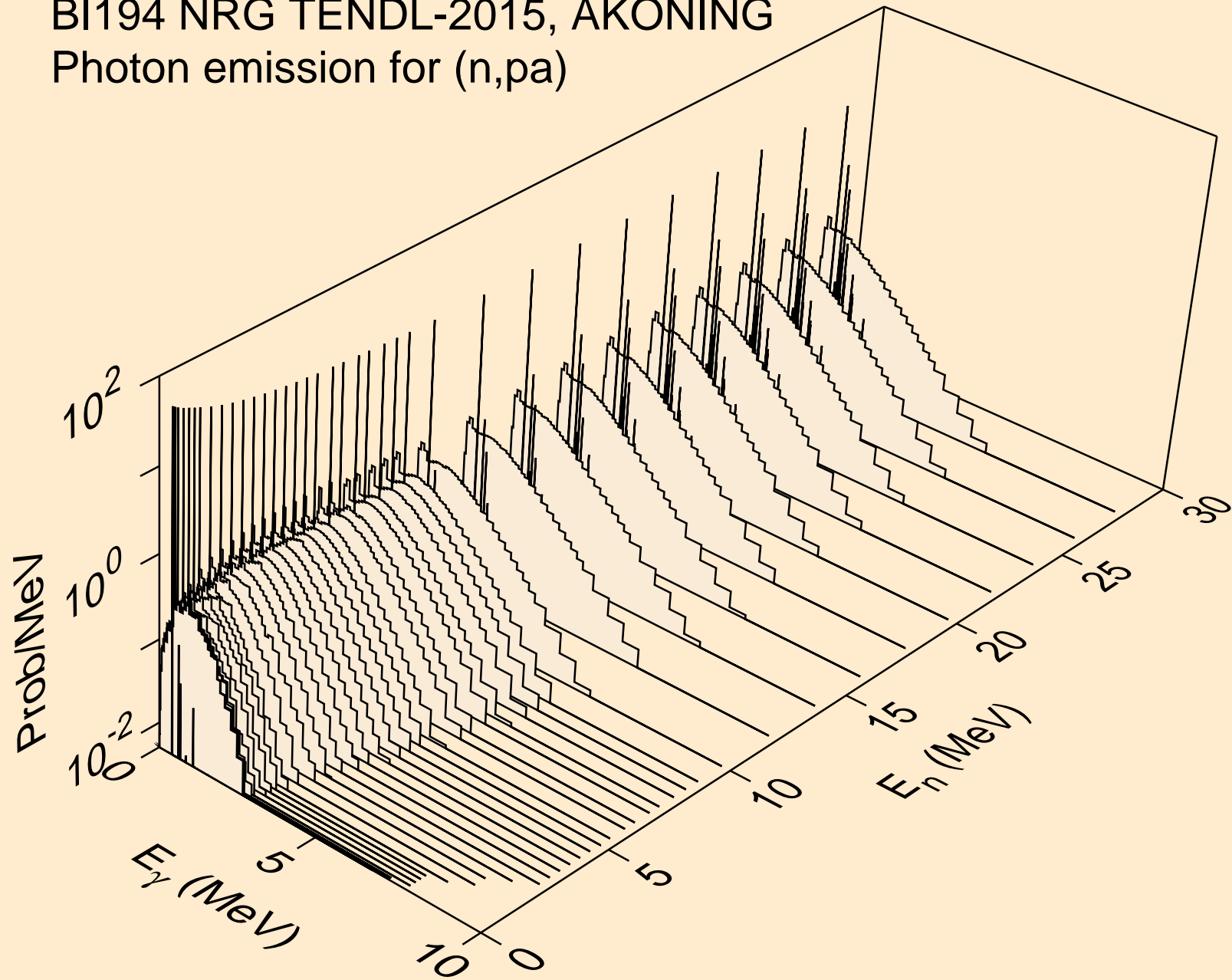
BI194 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)



BI194 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)

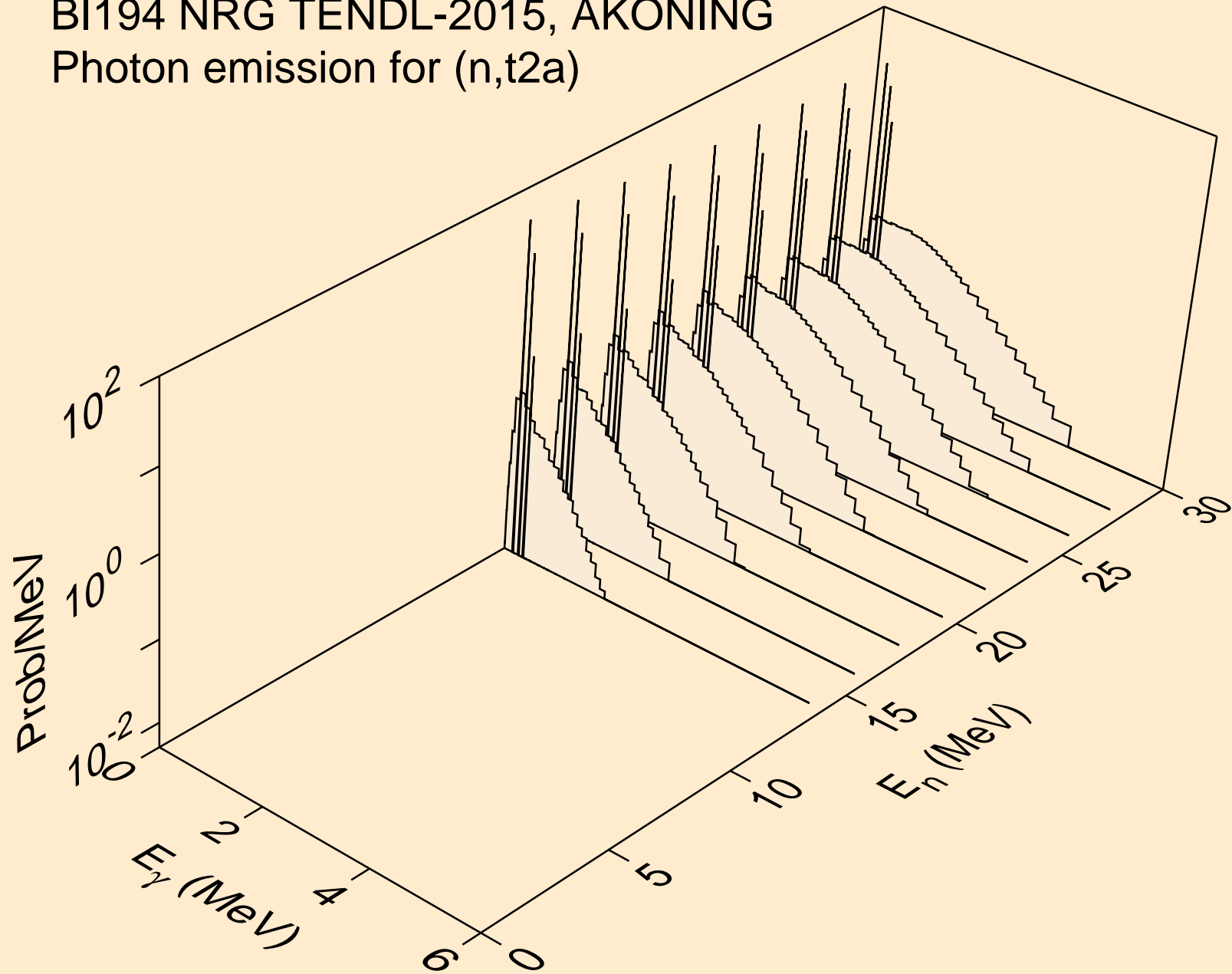


BI194 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )

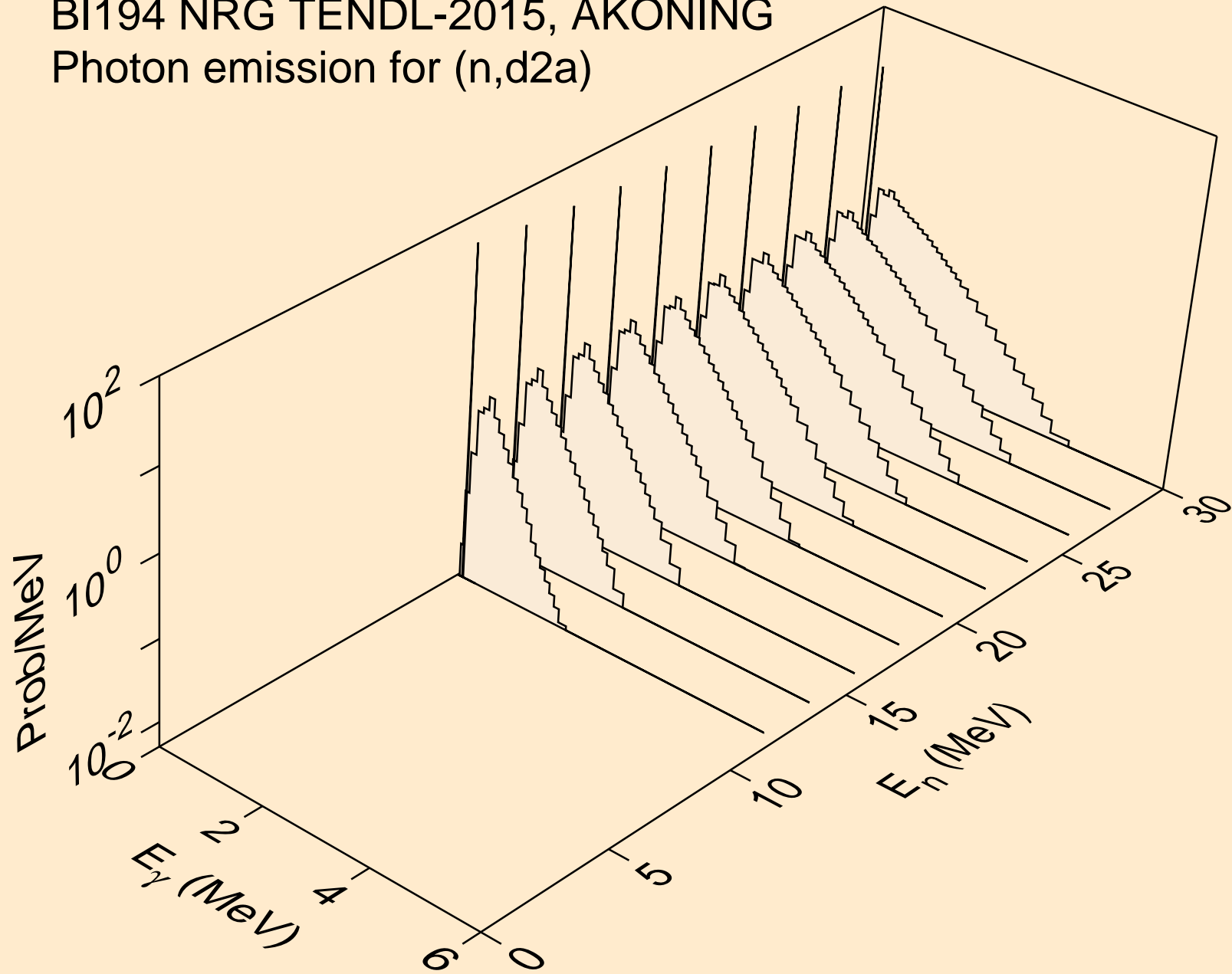




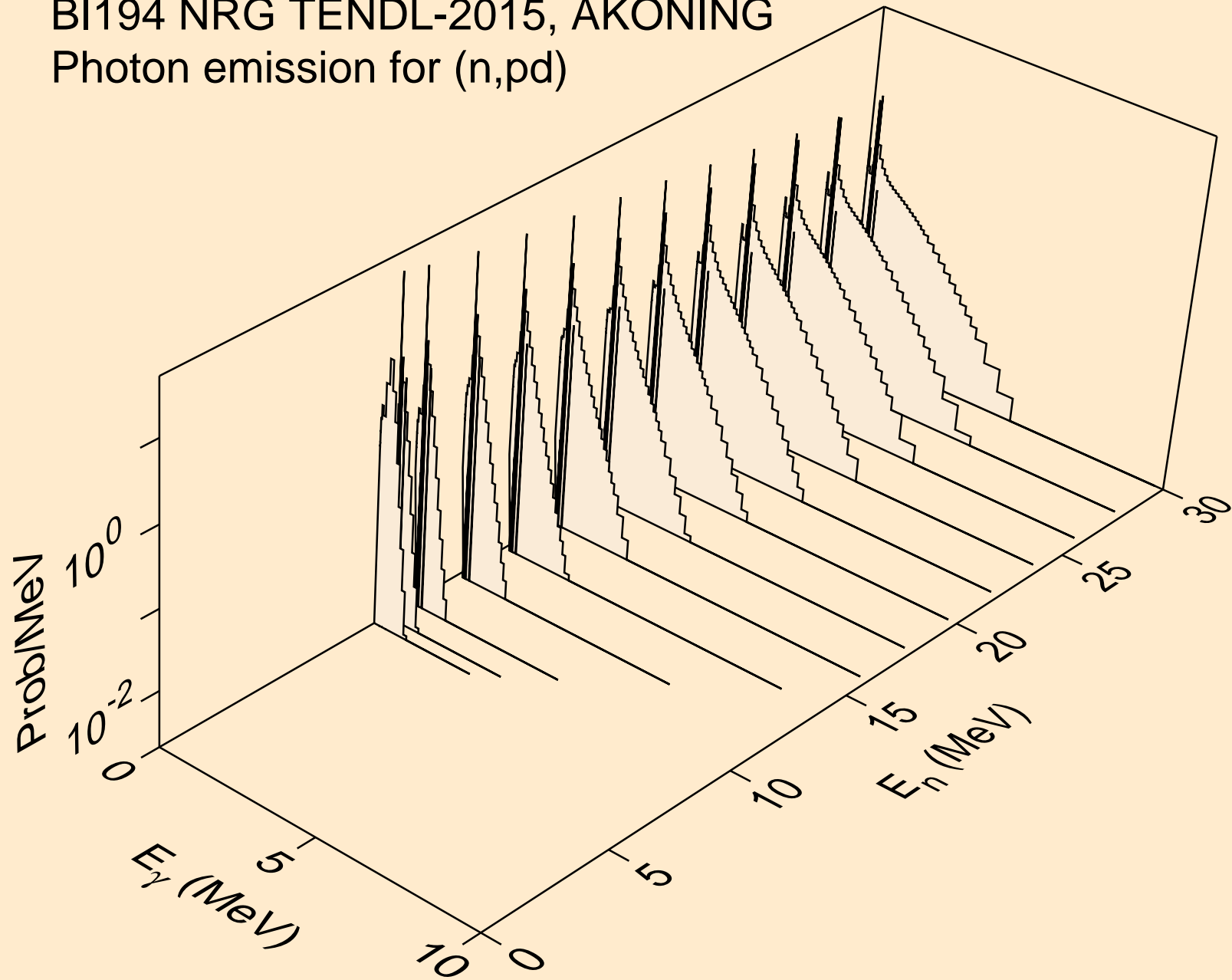
BI194 NRG TENDL-2015, AKONING  
Photon emission for (n,t2a)



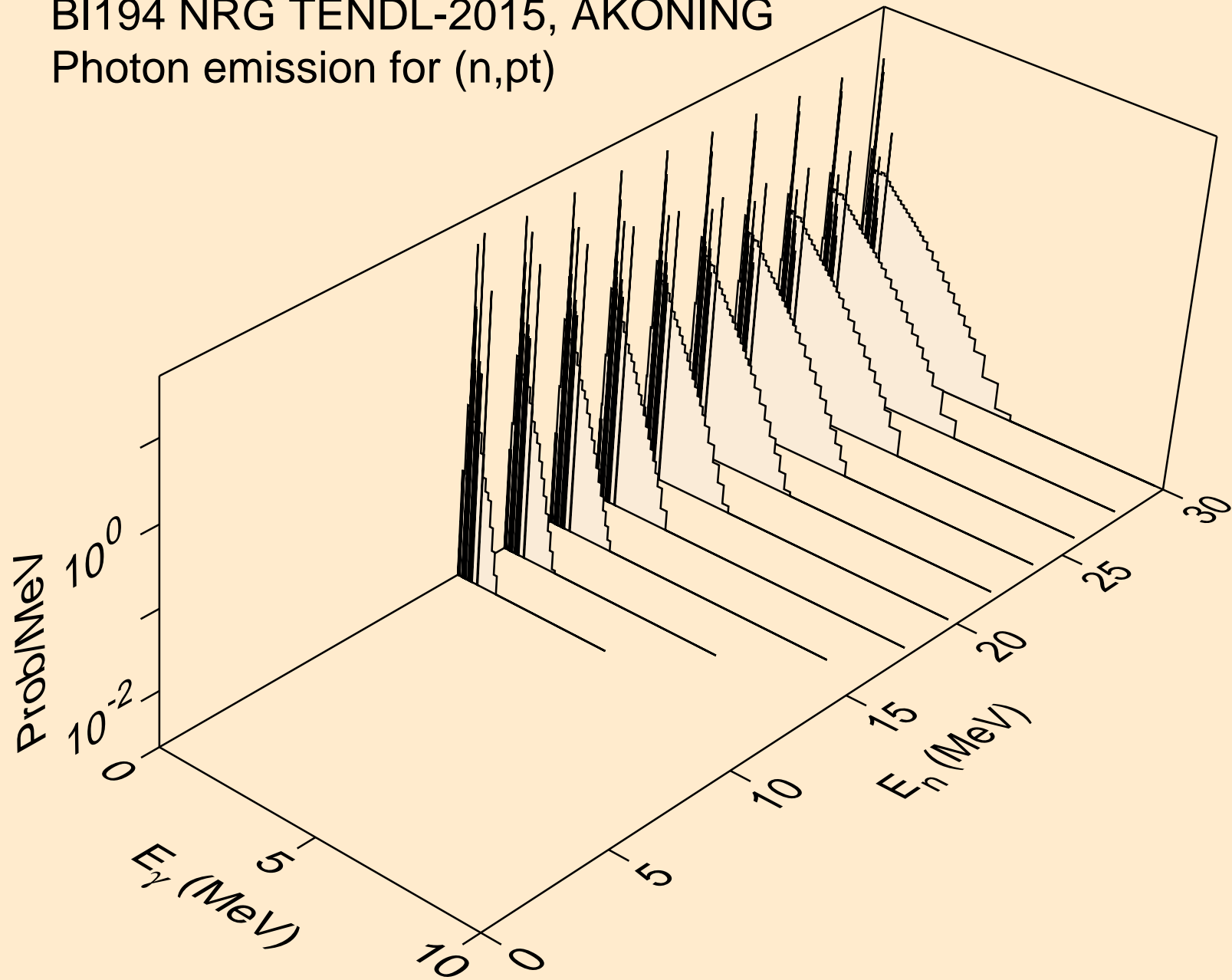
BI194 NRG TENDL-2015, AKONING  
Photon emission for (n,d2a)



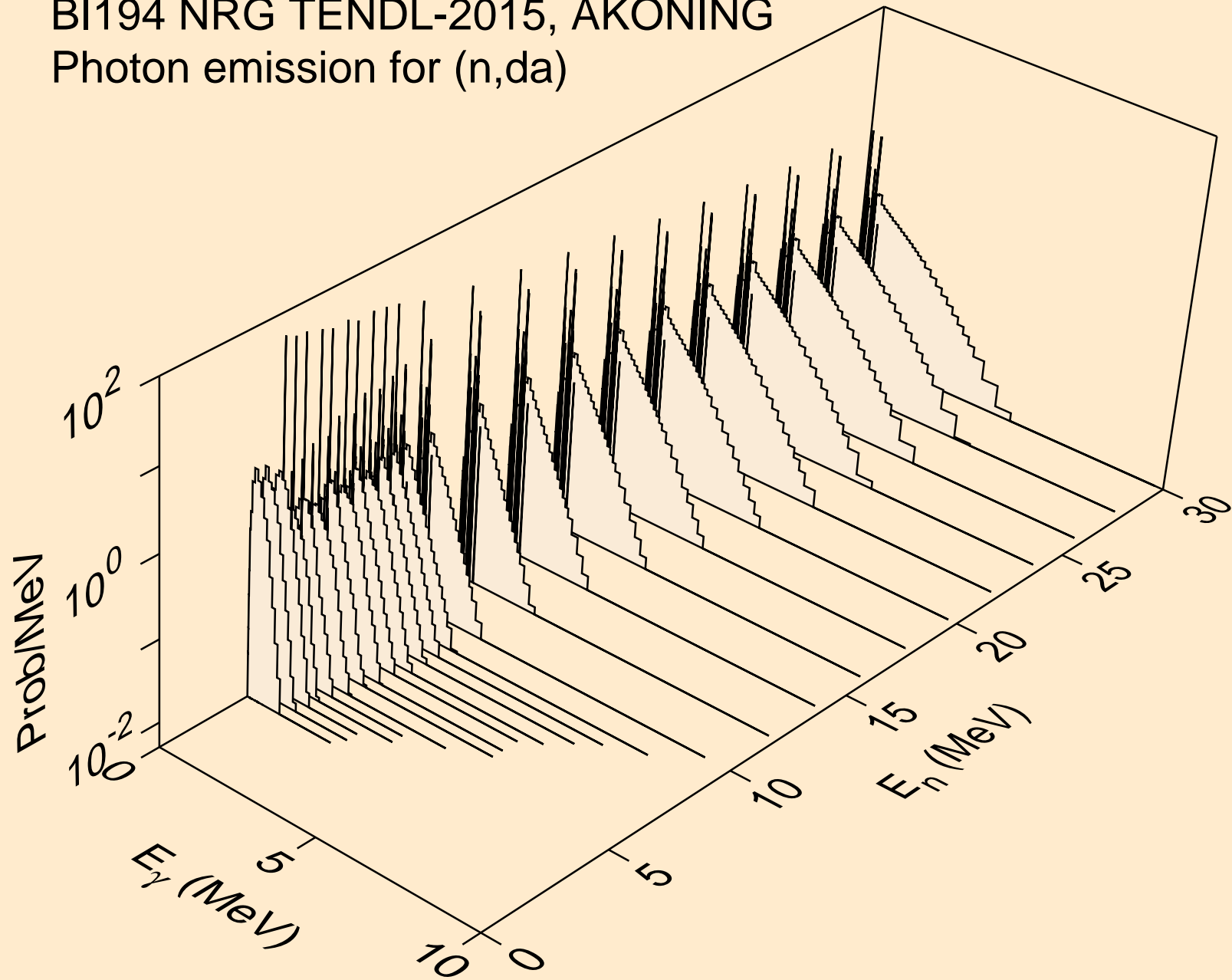
BI194 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



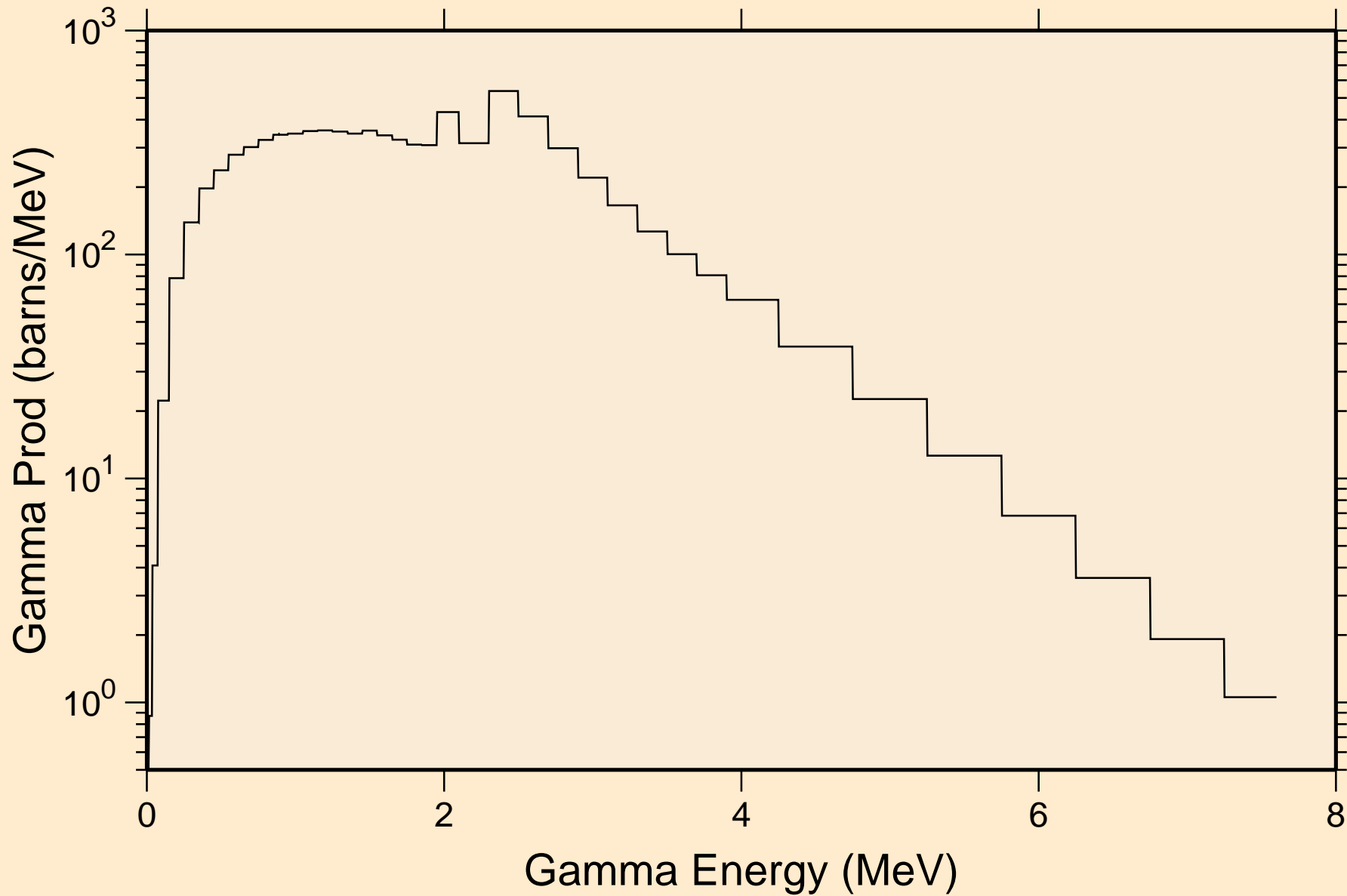
BI194 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



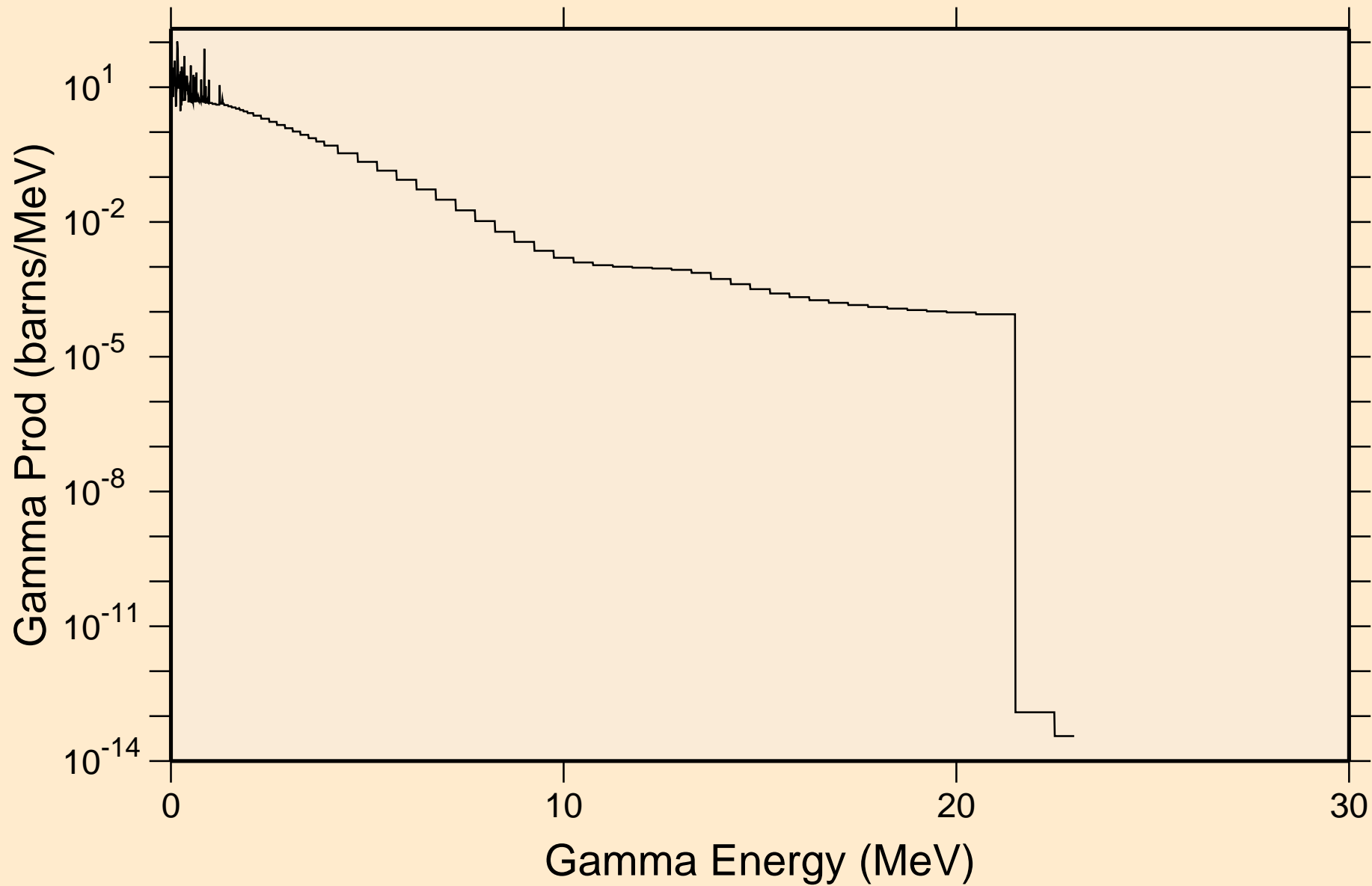
BI194 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



BI194 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

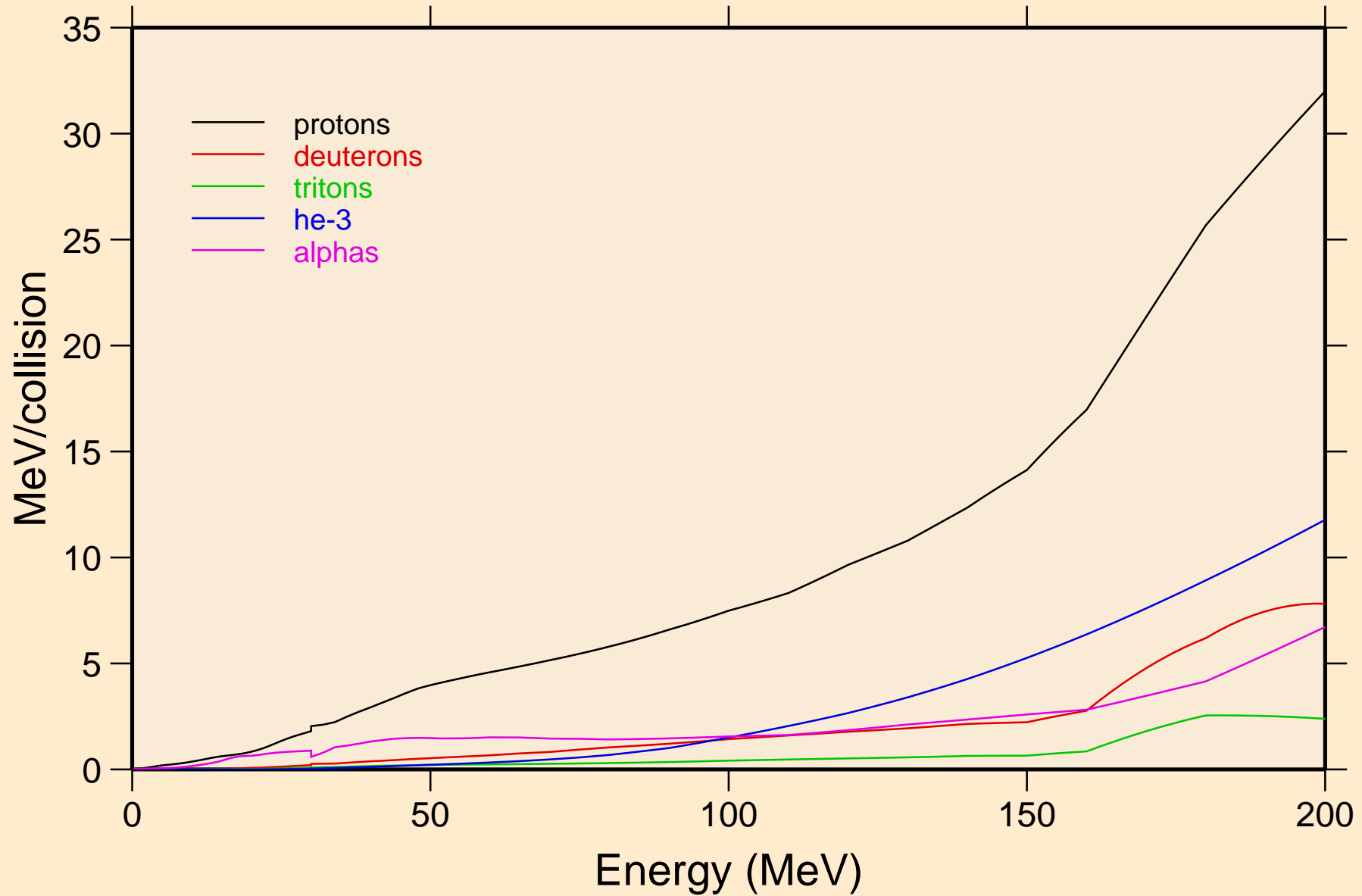


BI194 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



# BI194 NRG TENDL-2015, AKONING

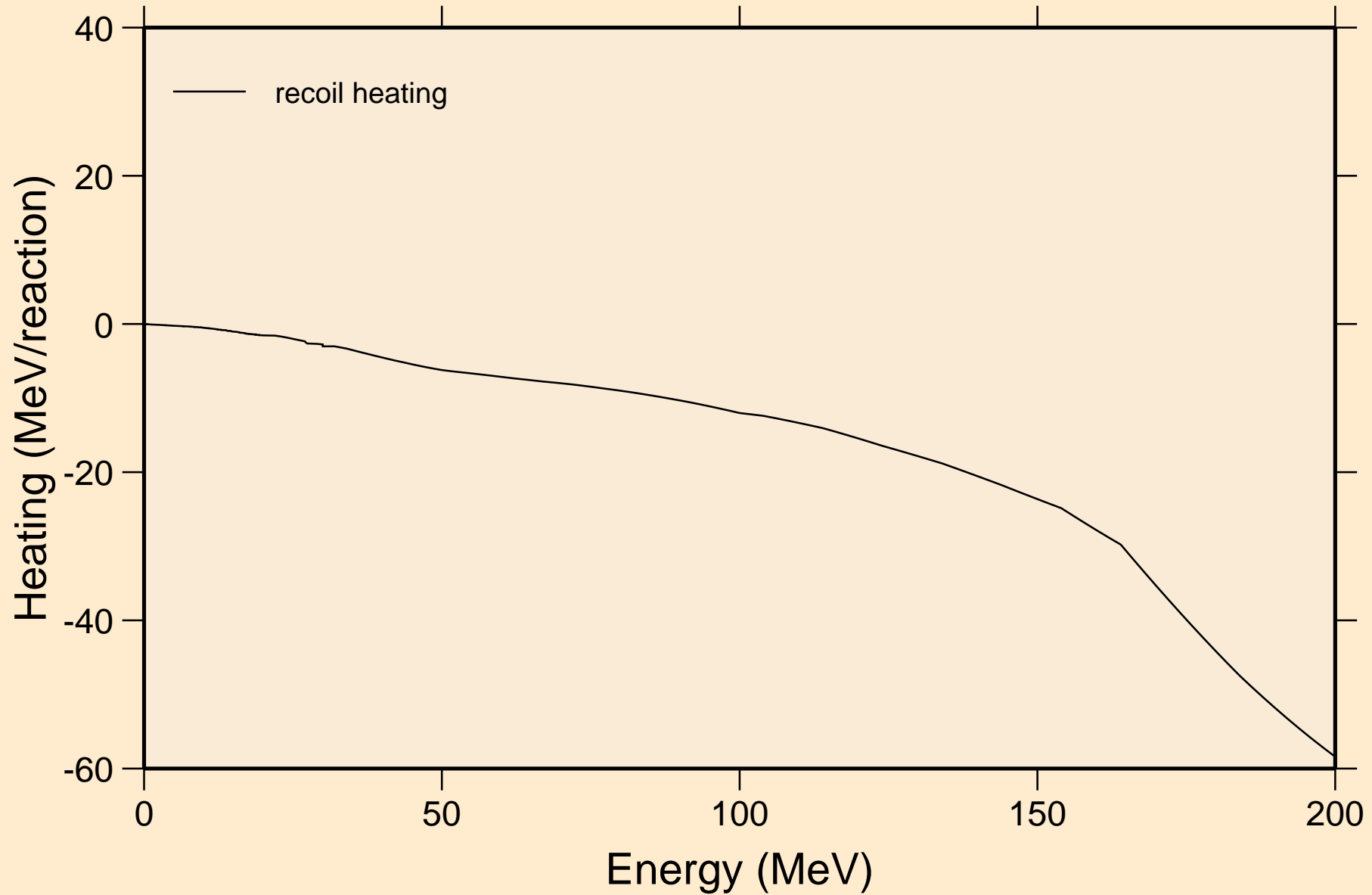
## Particle heating contributions





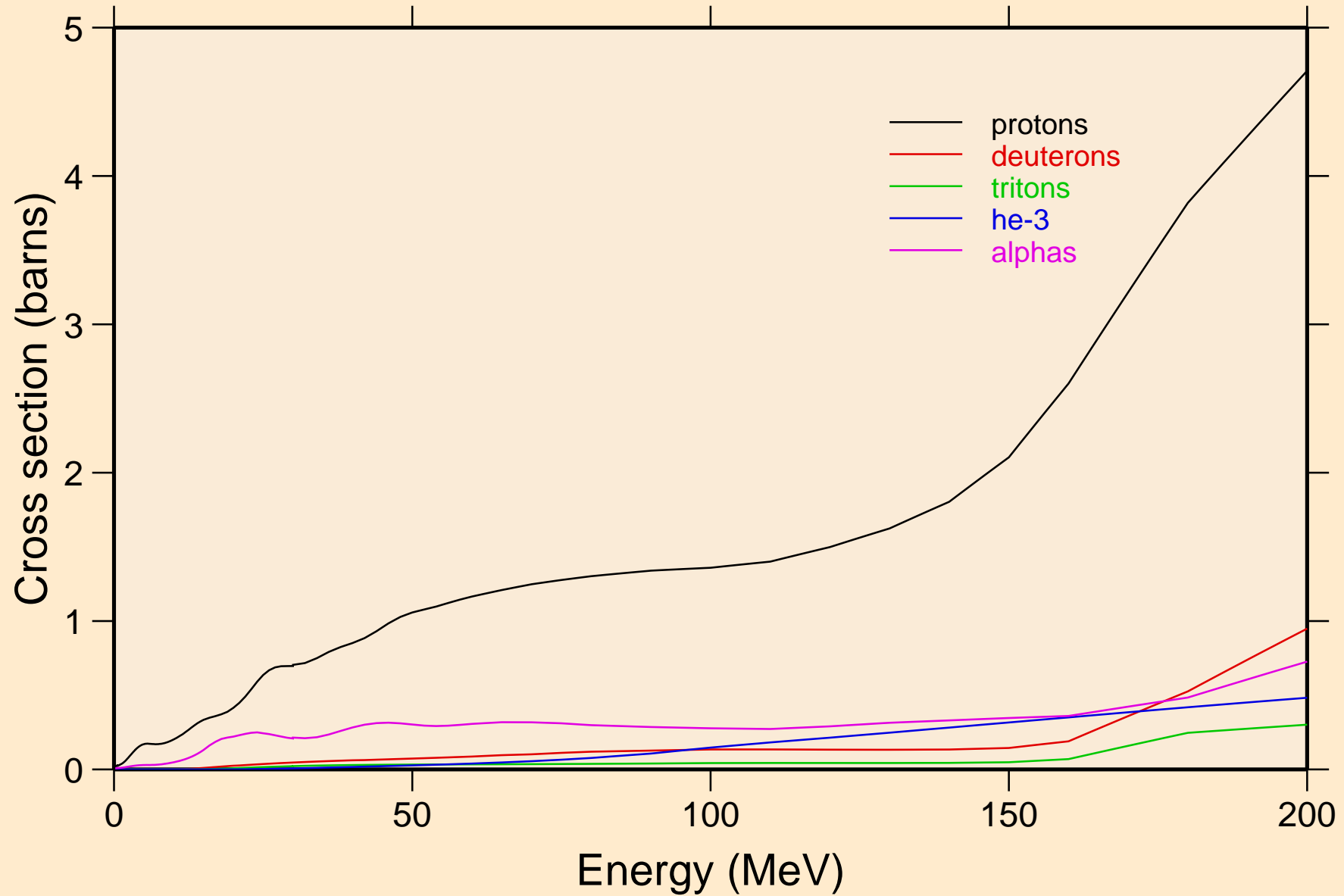
# BI194 NRG TENDL-2015, AKONING

## Recoil Heating

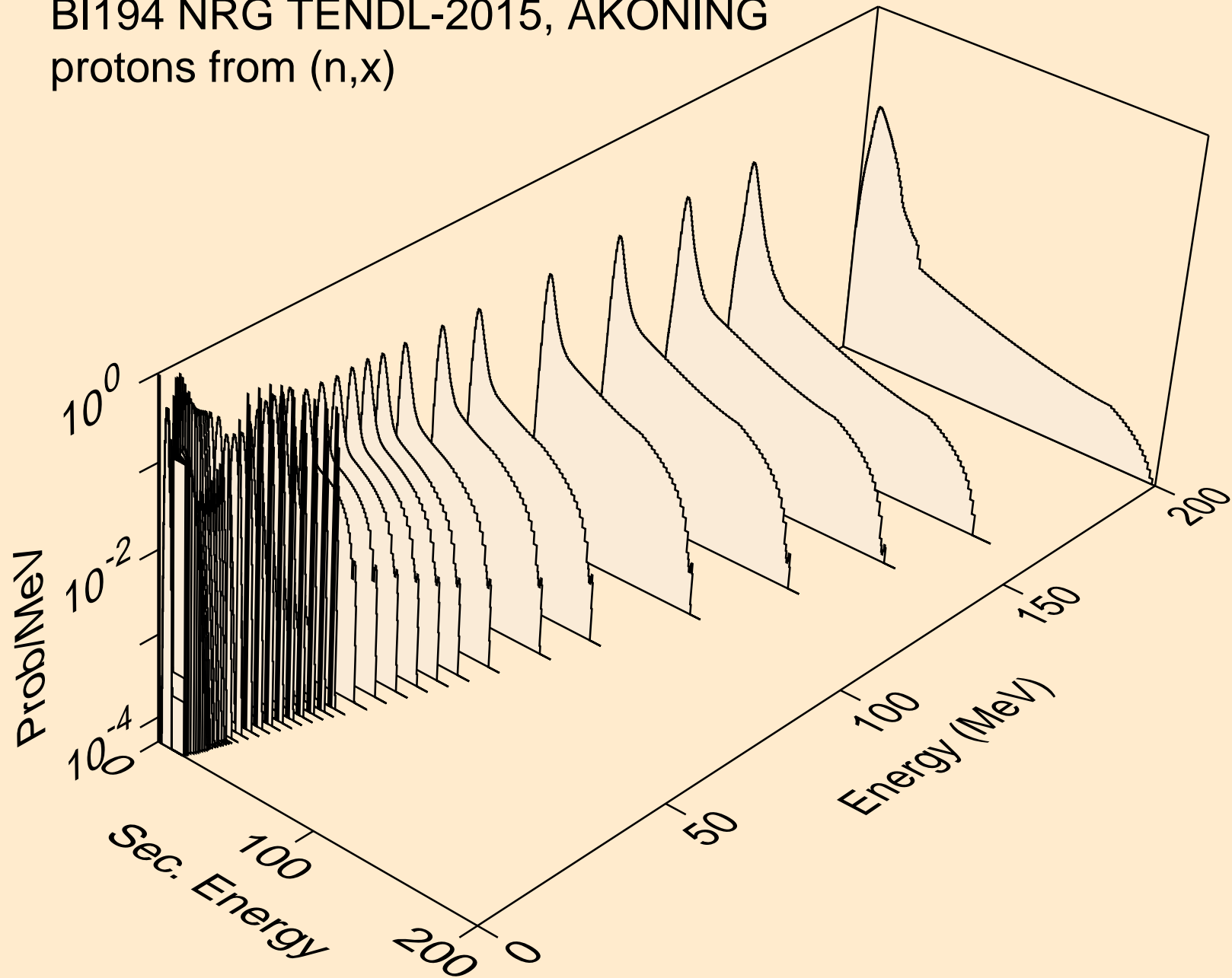


# BI194 NRG TENDL-2015, AKONING

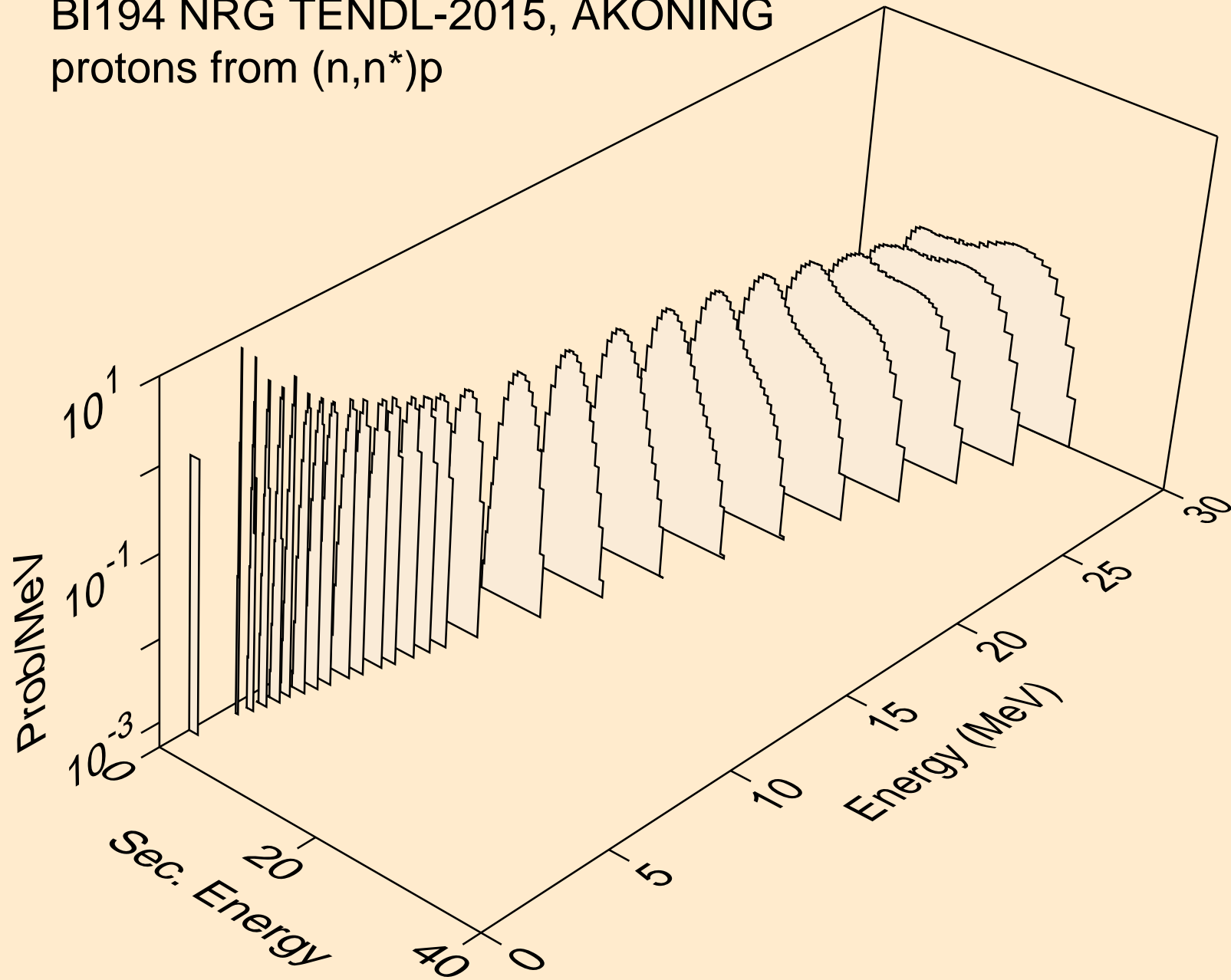
## Particle production cross sections



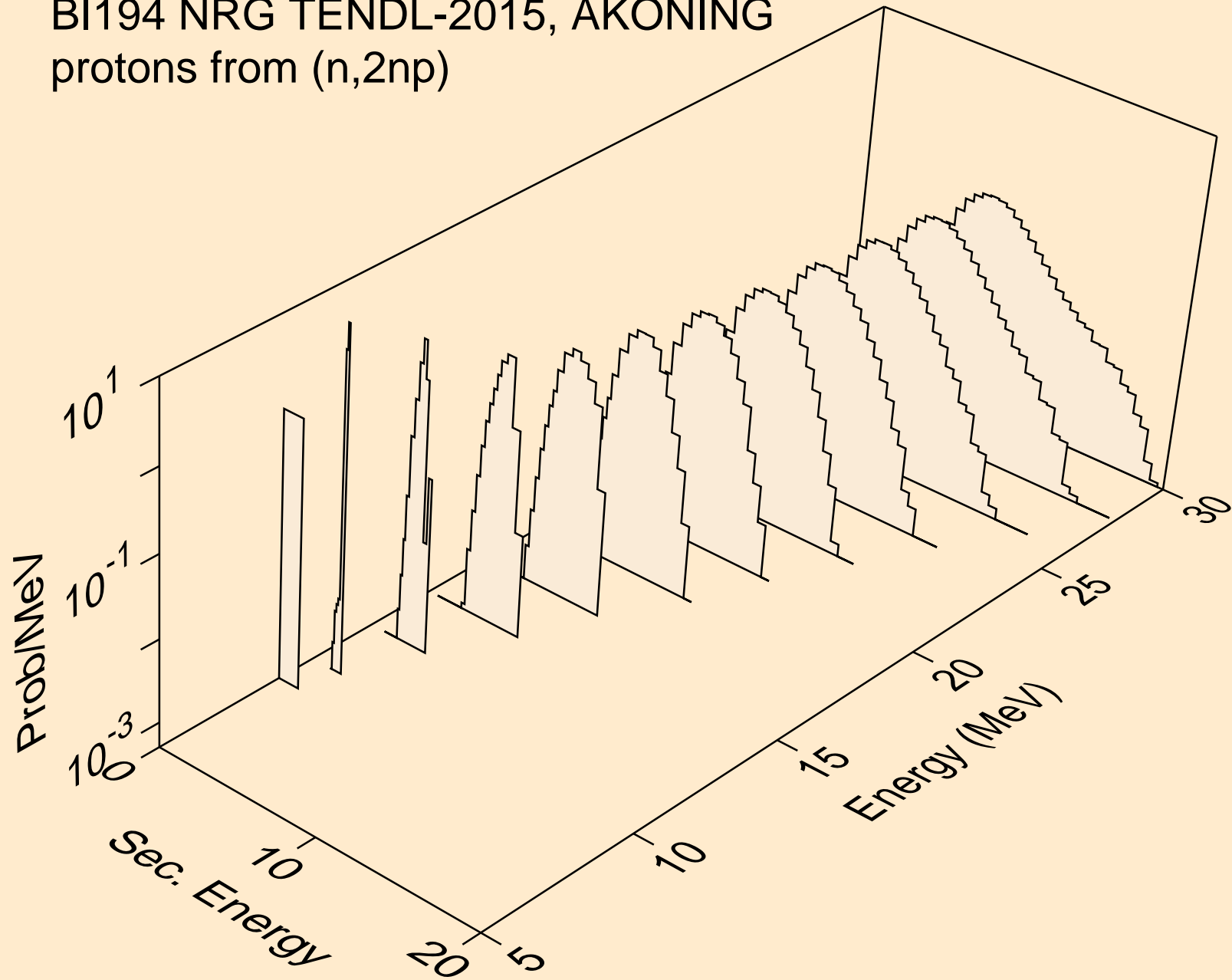
BI194 NRG TENDL-2015, AKONING  
protons from (n,x)



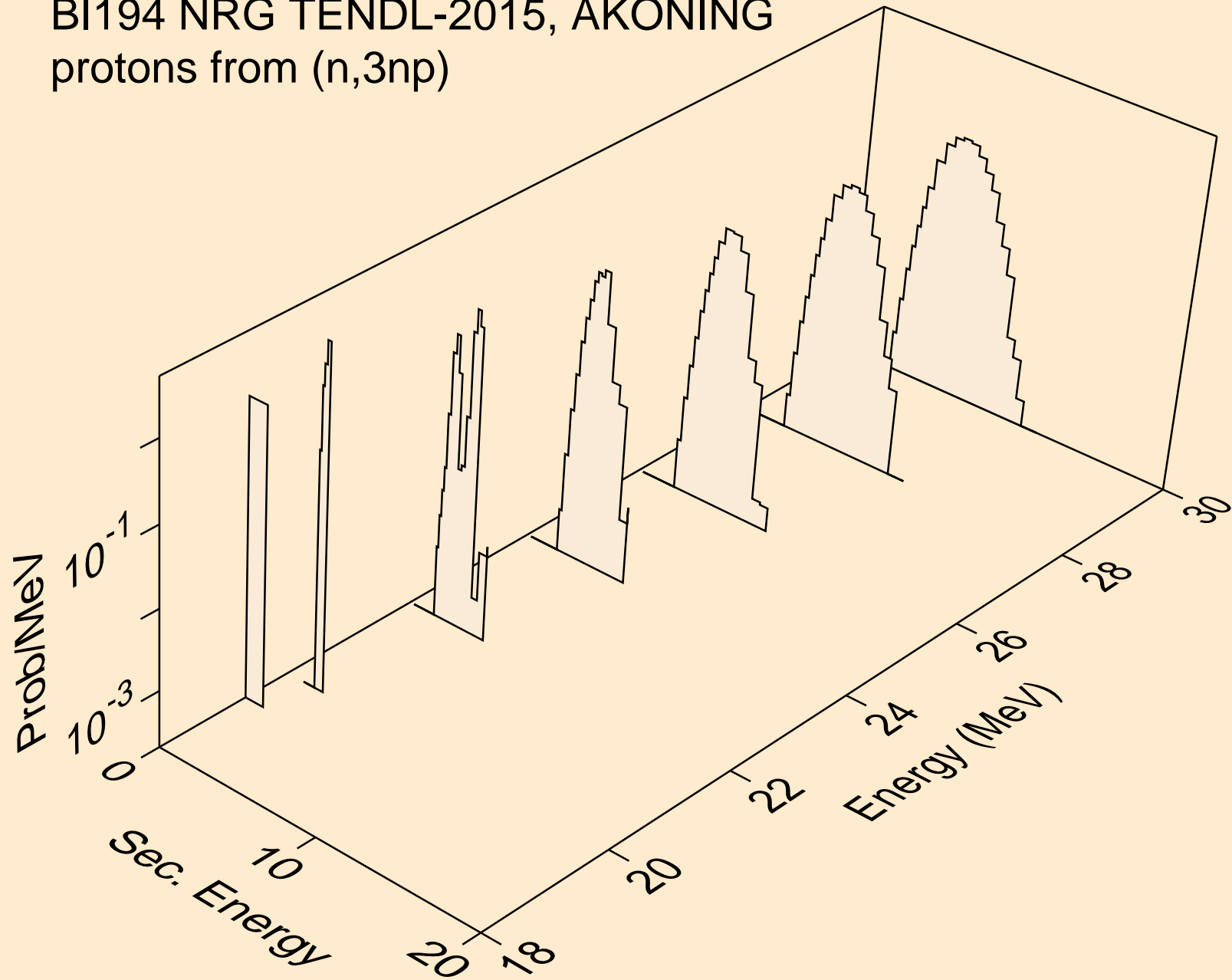
BI194 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



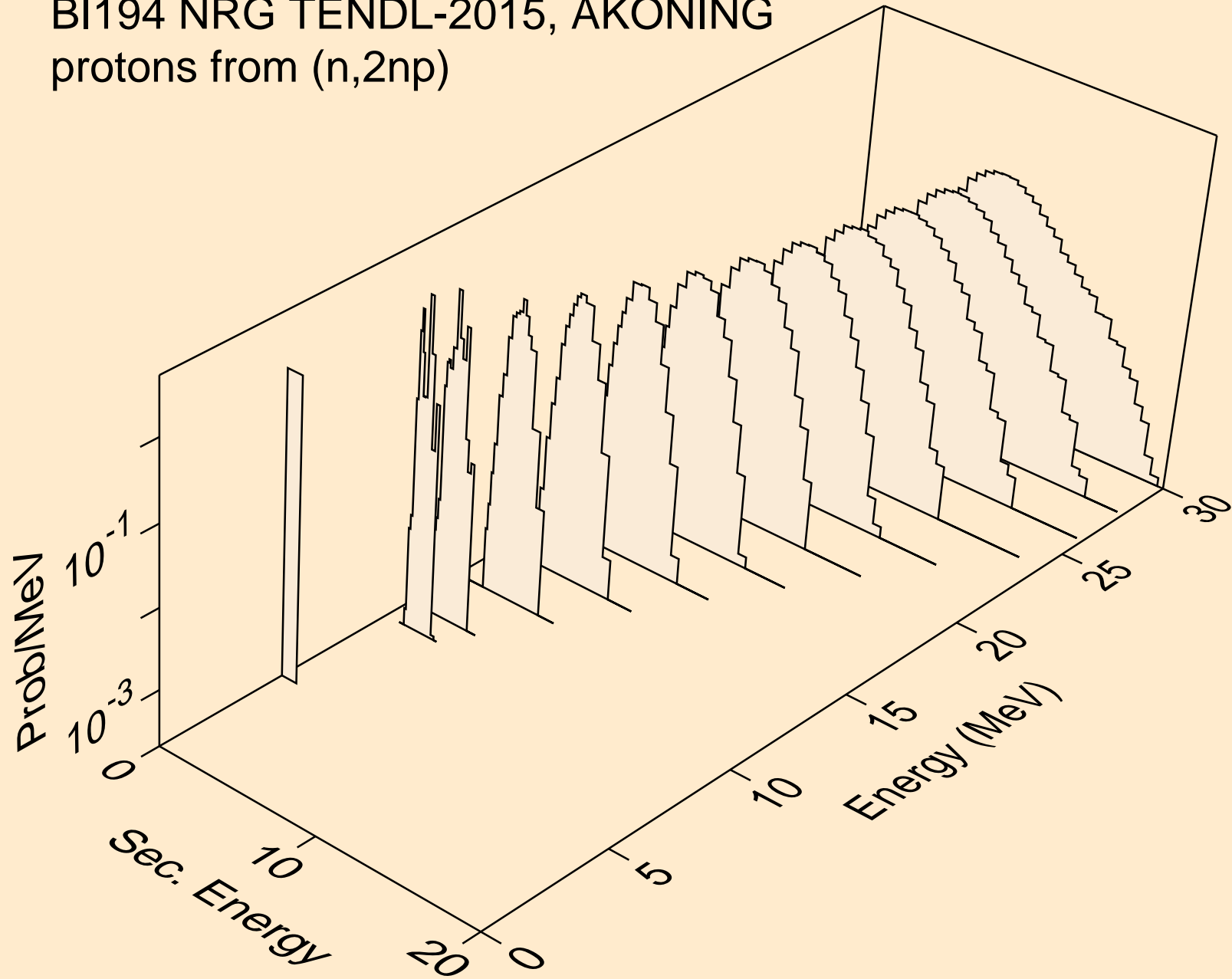
BI194 NRG TENDL-2015, AKONING  
protons from (n,2np)



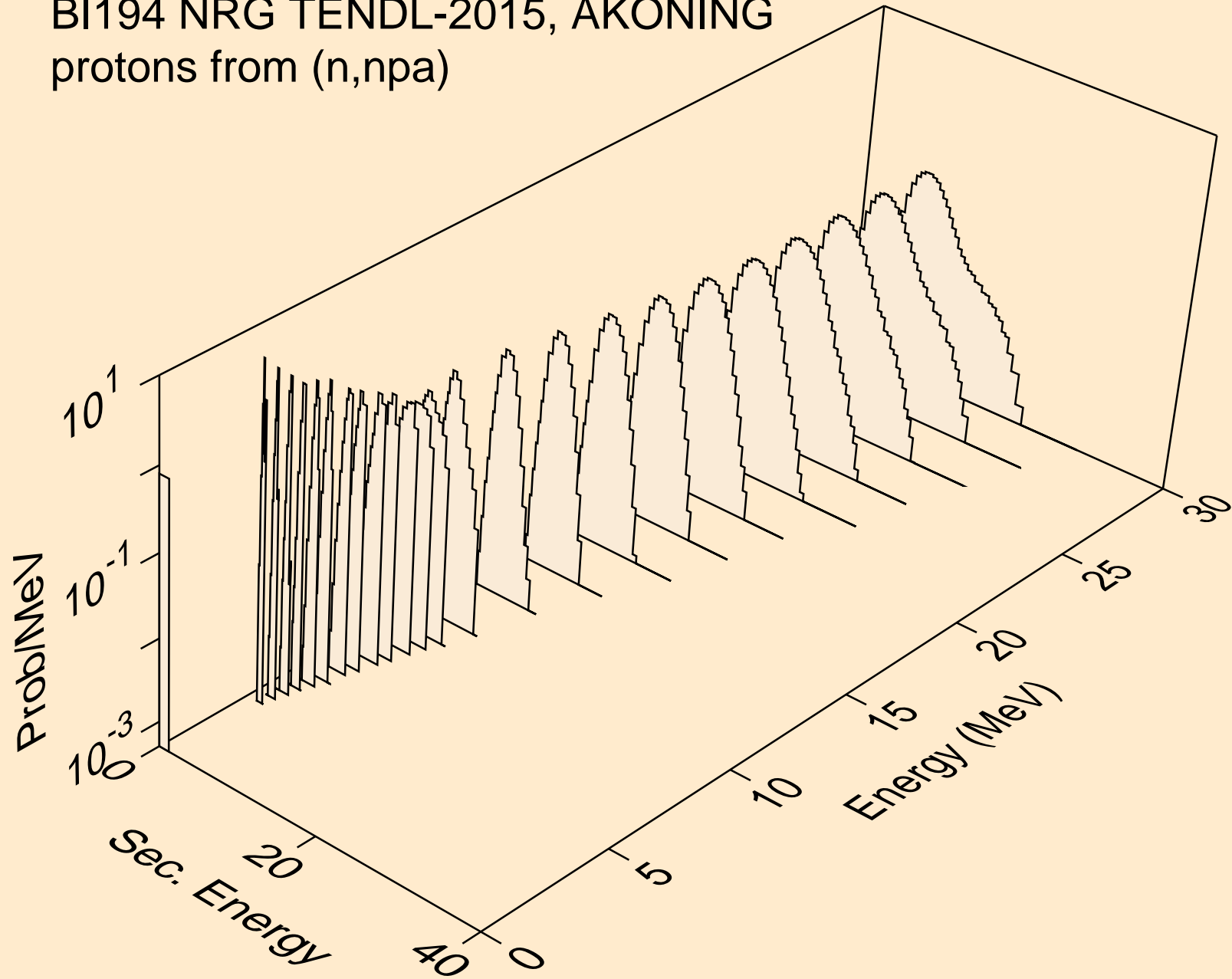
BI194 NRG TENDL-2015, AKONING  
protons from (n,3np)



BI194 NRG TENDL-2015, AKONING  
protons from (n,2np)

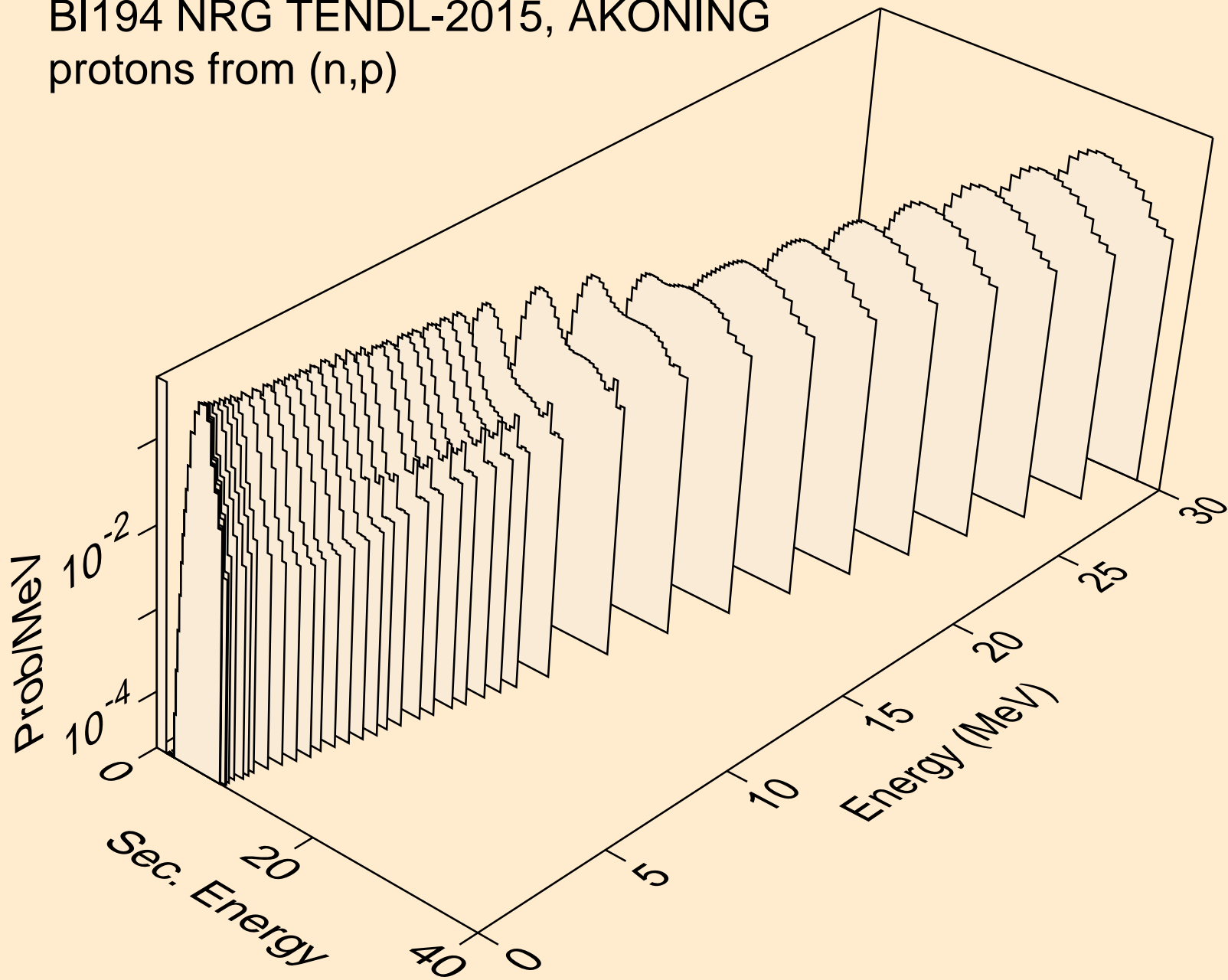


BI194 NRG TENDL-2015, AKONING  
protons from (n,npa)

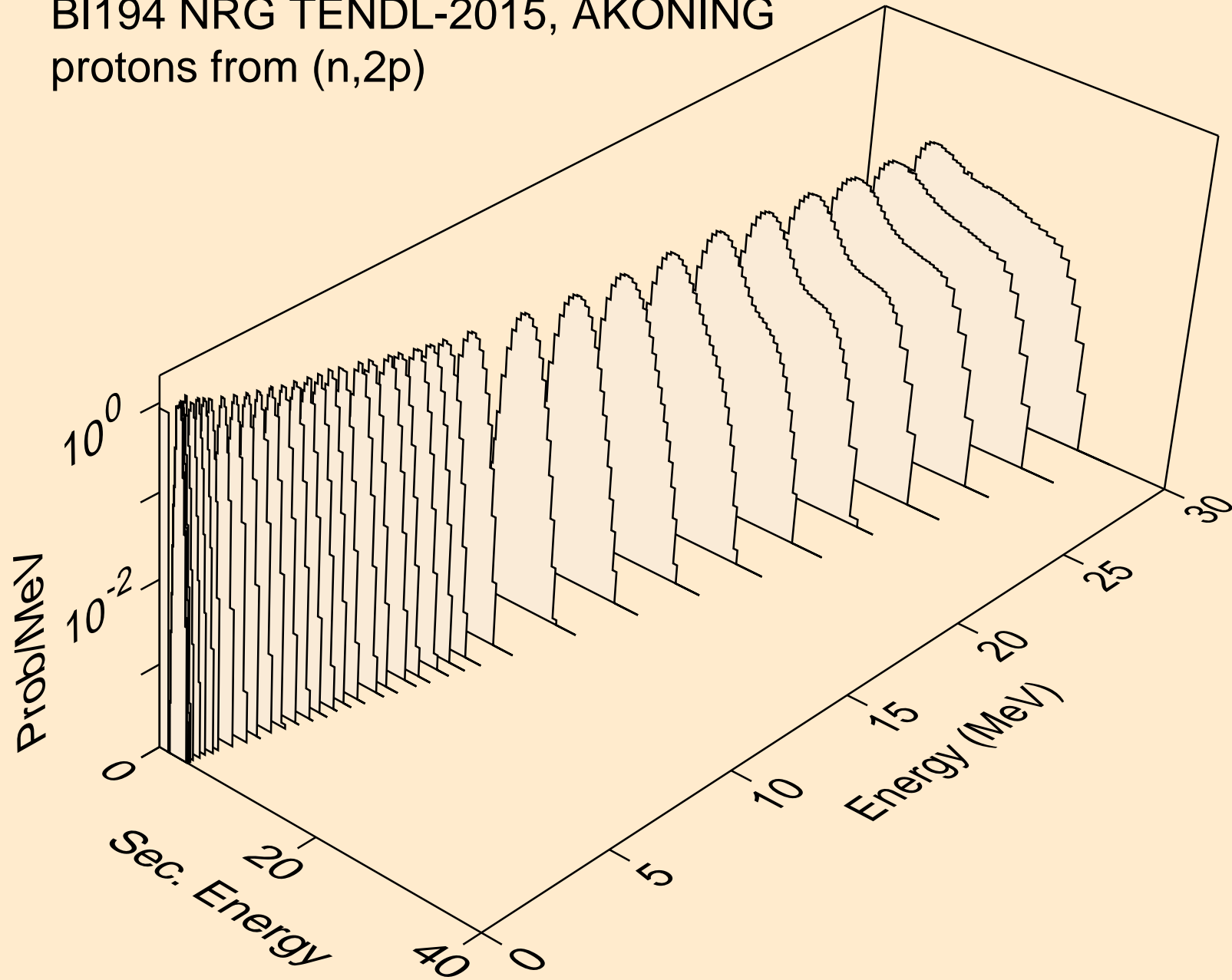




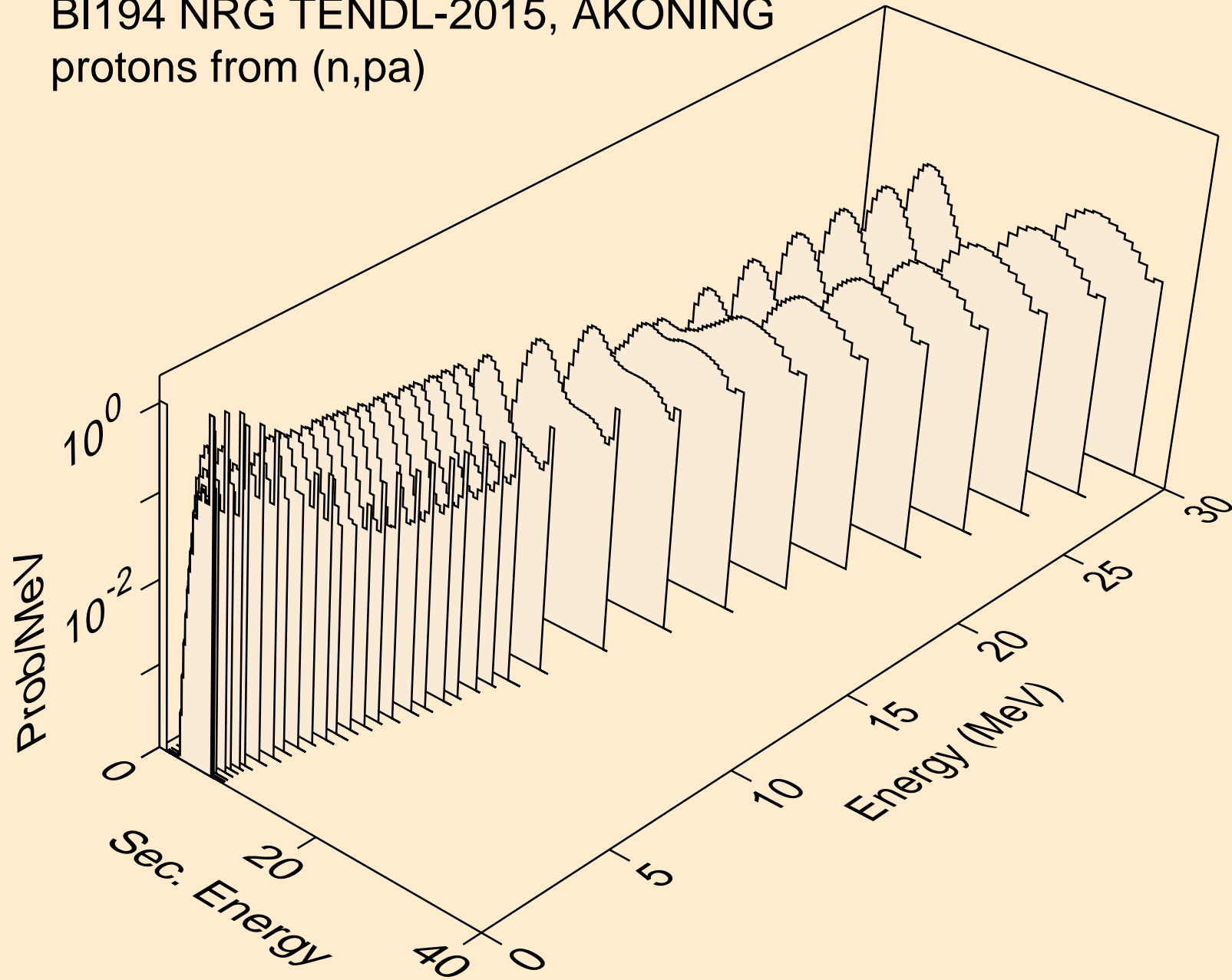
BI194 NRG TENDL-2015, AKONING  
protons from (n,p)



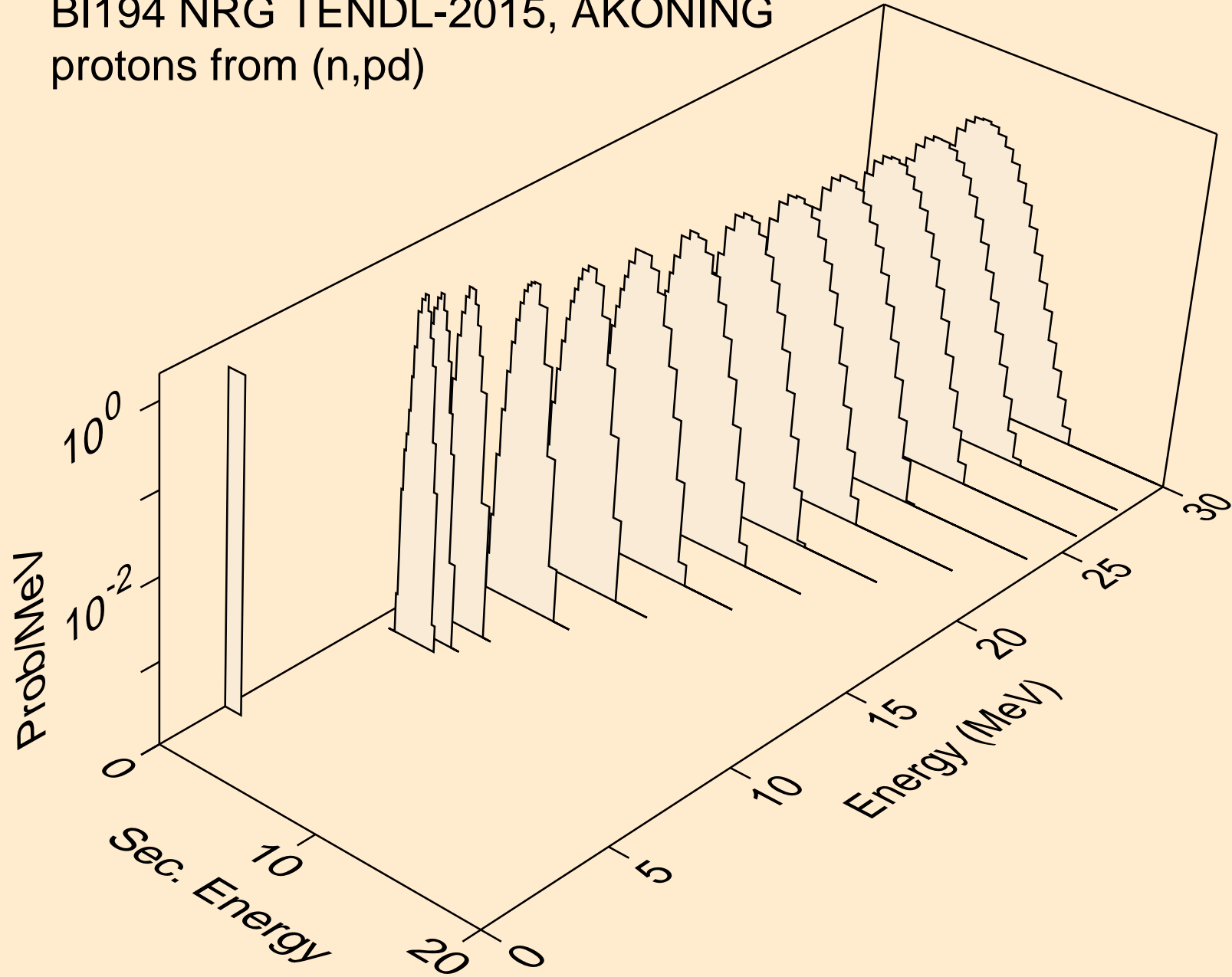
BI194 NRG TENDL-2015, AKONING  
protons from (n,2p)



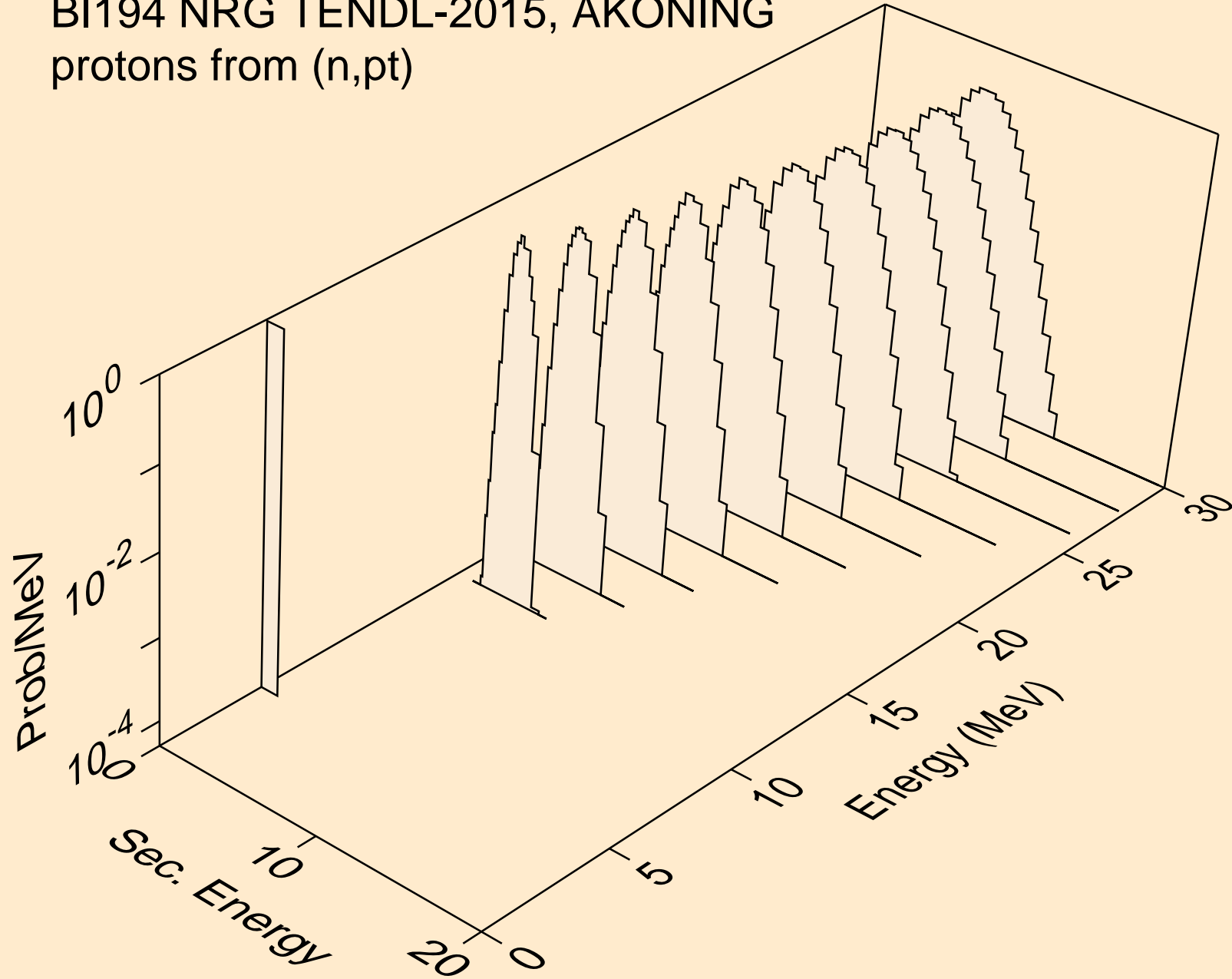
BI194 NRG TENDL-2015, AKONING  
protons from (n,pa)



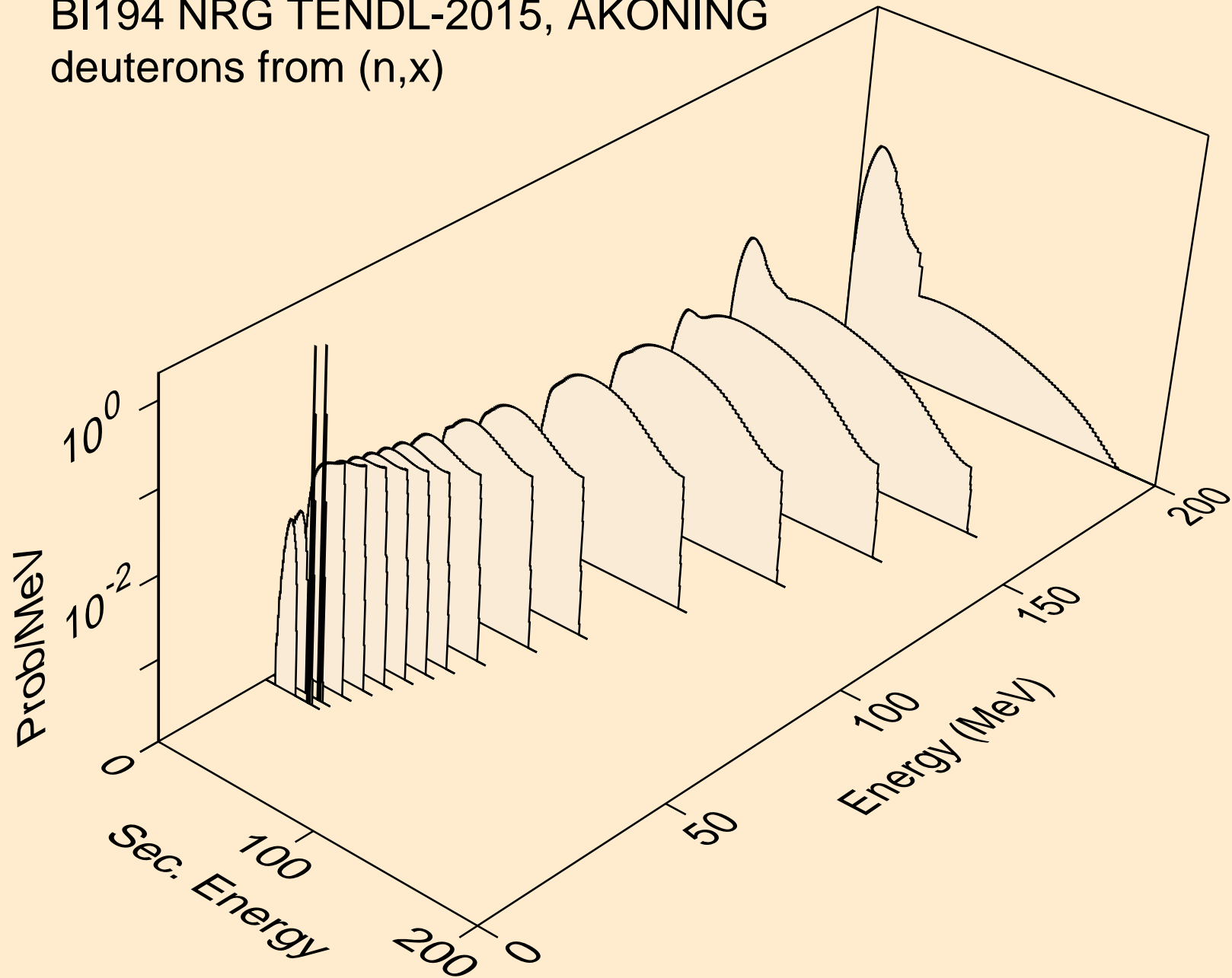
BI194 NRG TENDL-2015, AKONING  
protons from (n,pd)



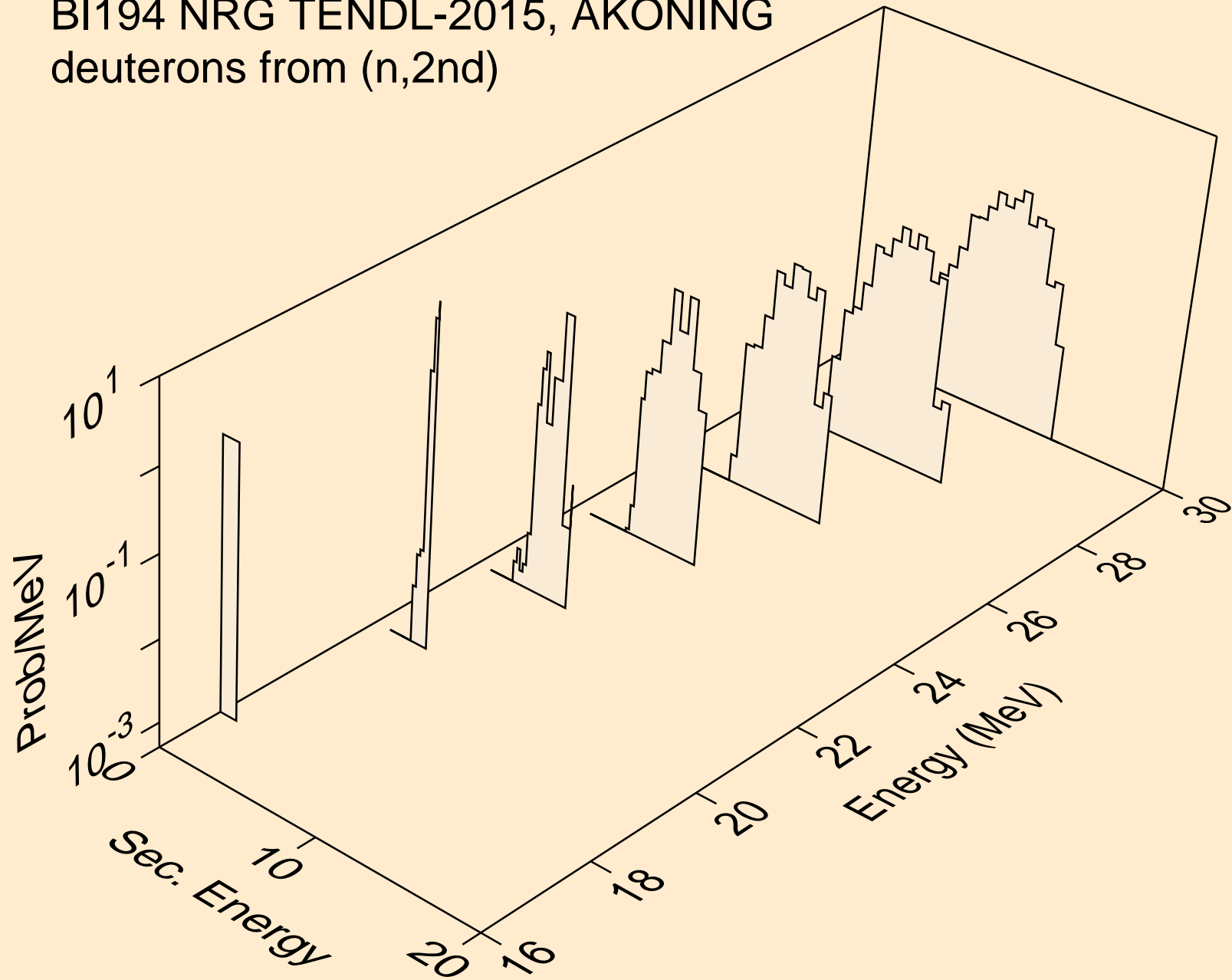
BI194 NRG TENDL-2015, AKONING  
protons from (n,pt)



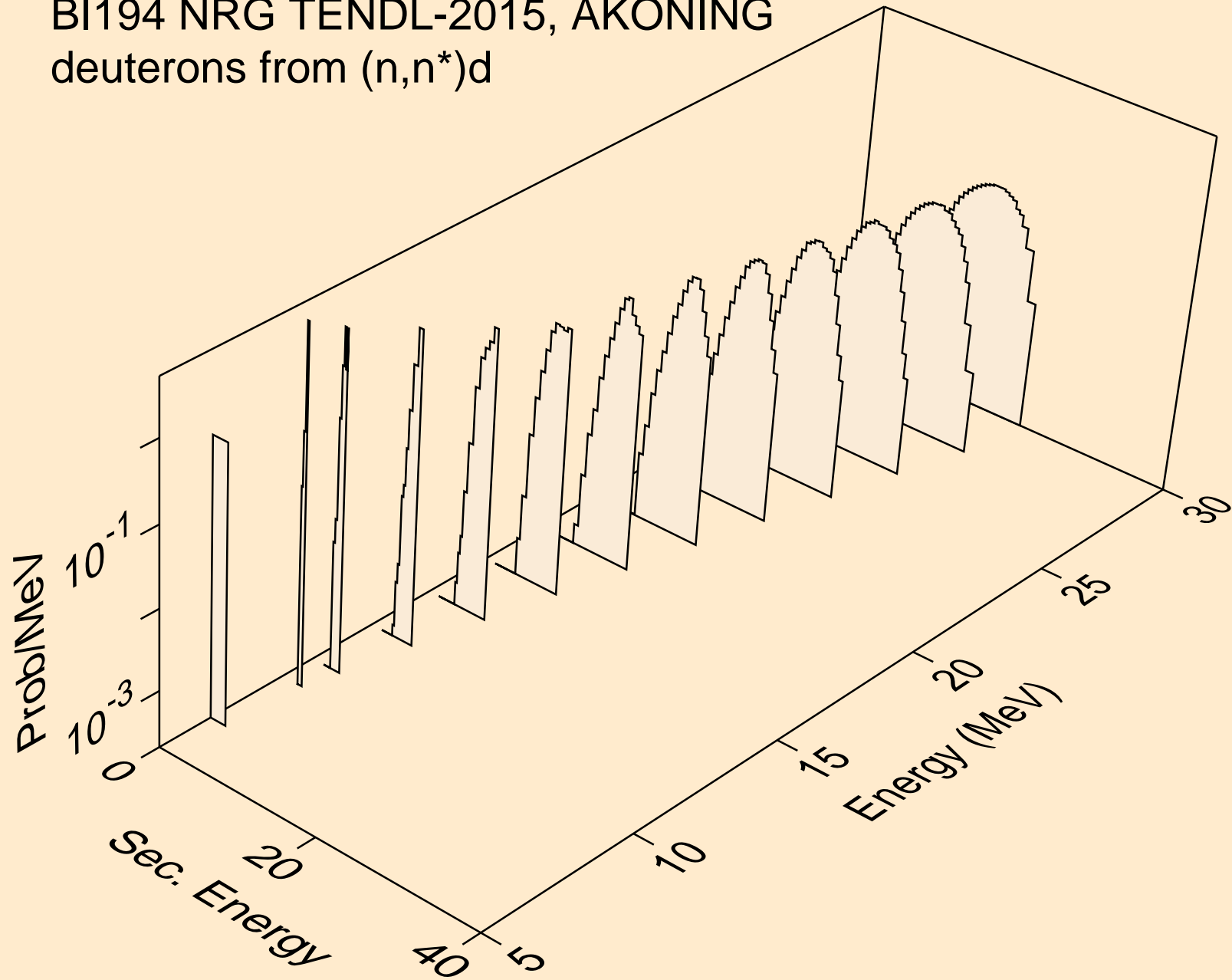
BI194 NRG TENDL-2015, AKONING  
deuterons from (n,x)



BI194 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)

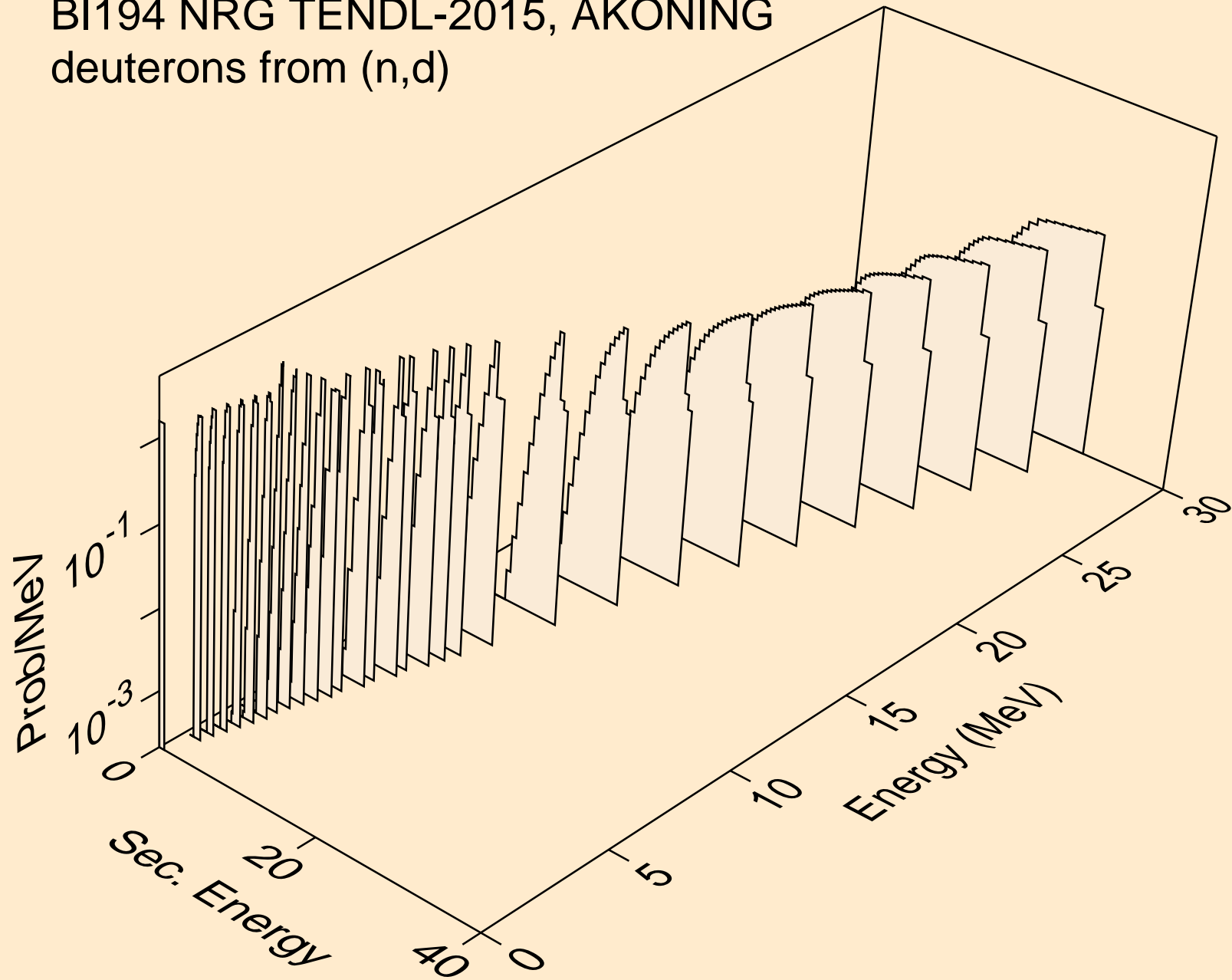


BI194 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d

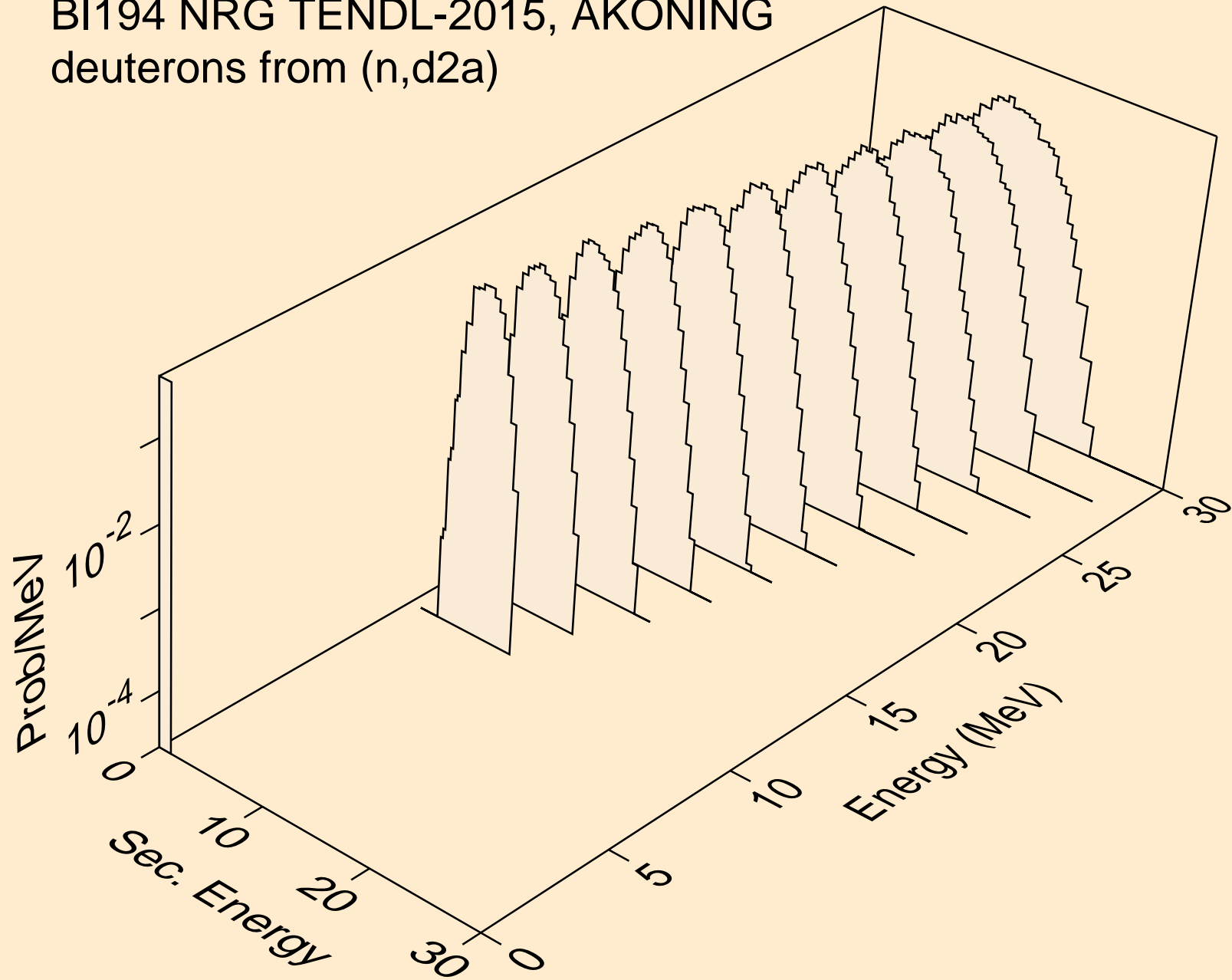




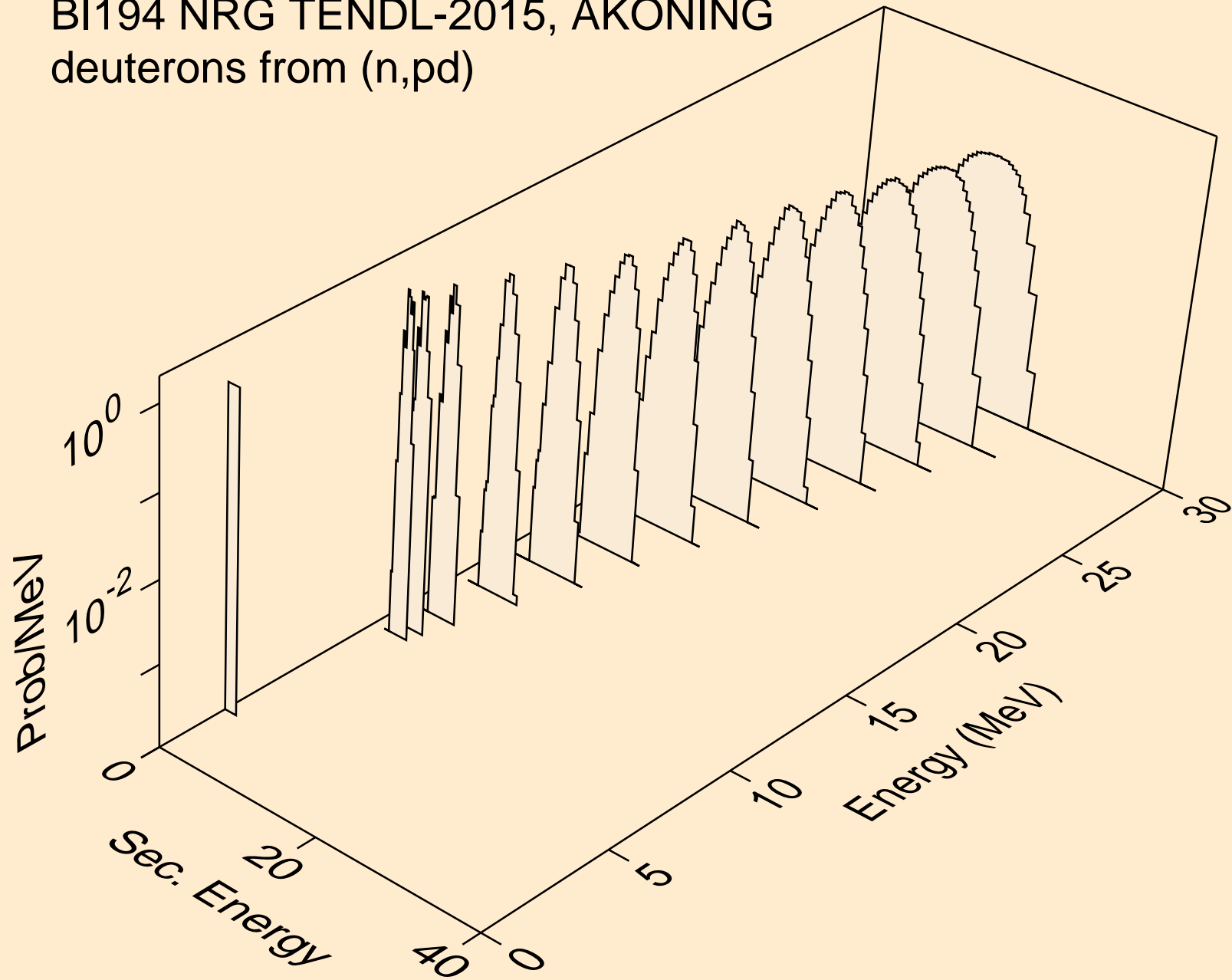
BI194 NRG TENDL-2015, AKONING  
deuterons from (n,d)



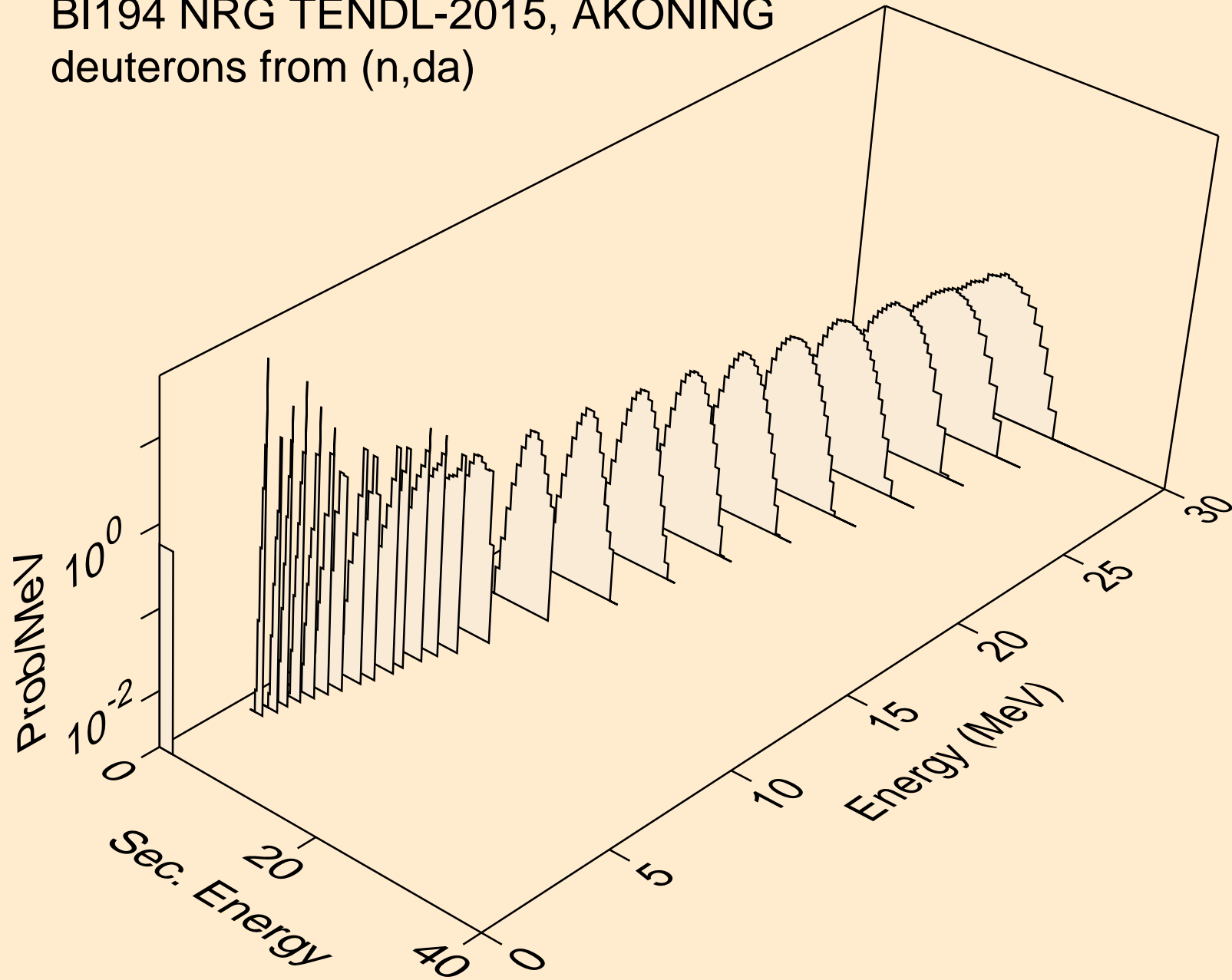
BI194 NRG TENDL-2015, AKONING  
deuterons from (n,d2a)



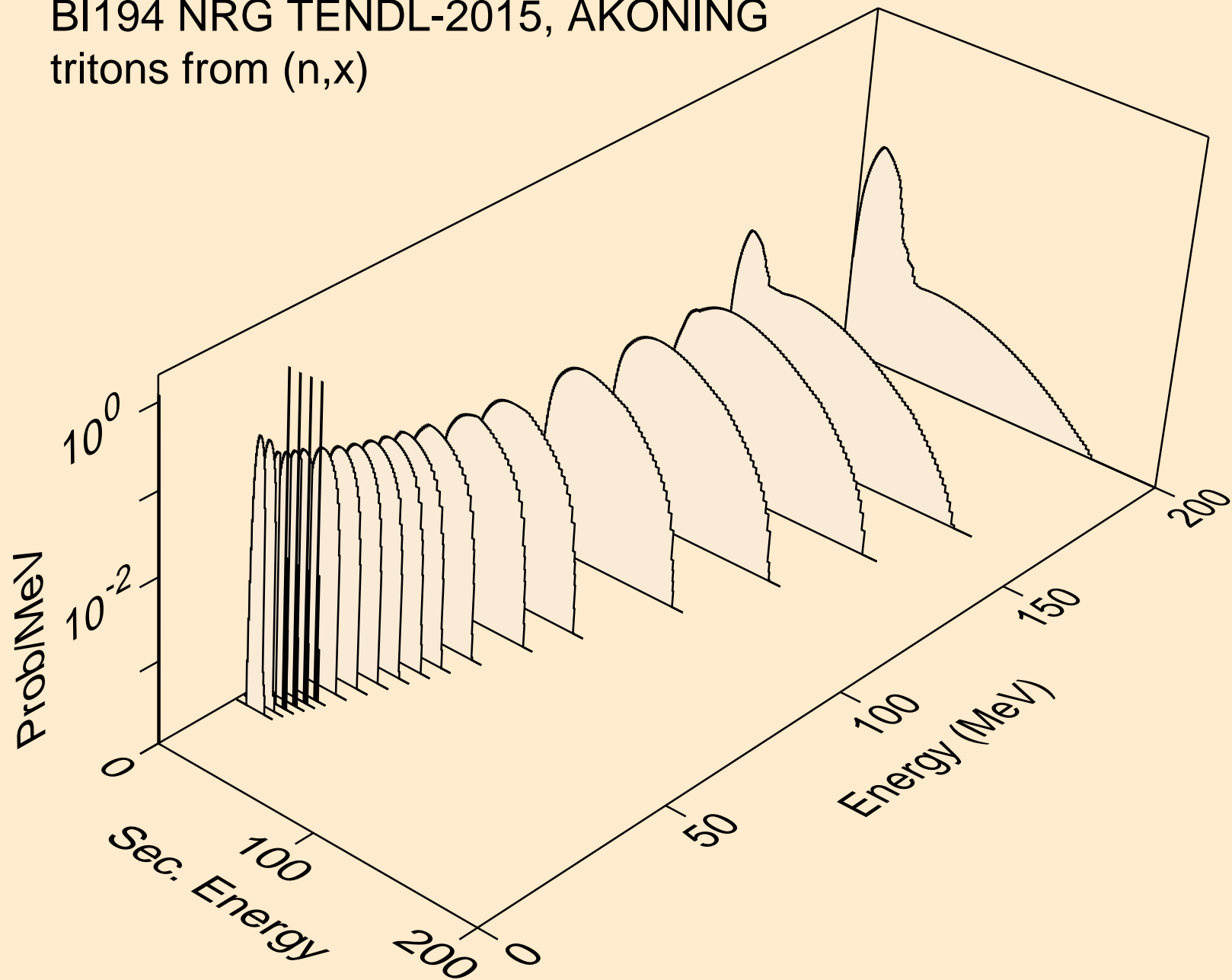
BI194 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



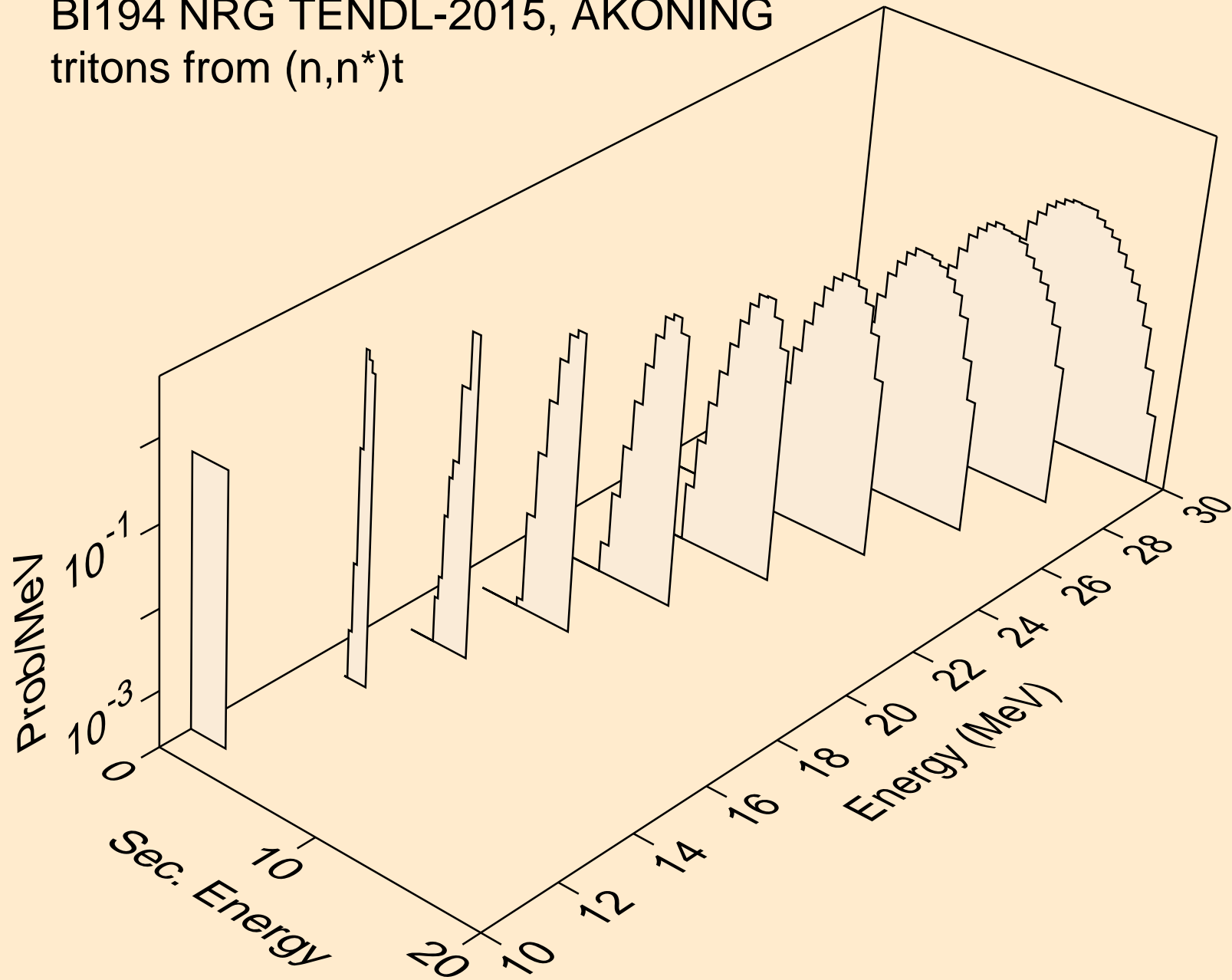
BI194 NRG TENDL-2015, AKONING  
deuterons from (n,da)



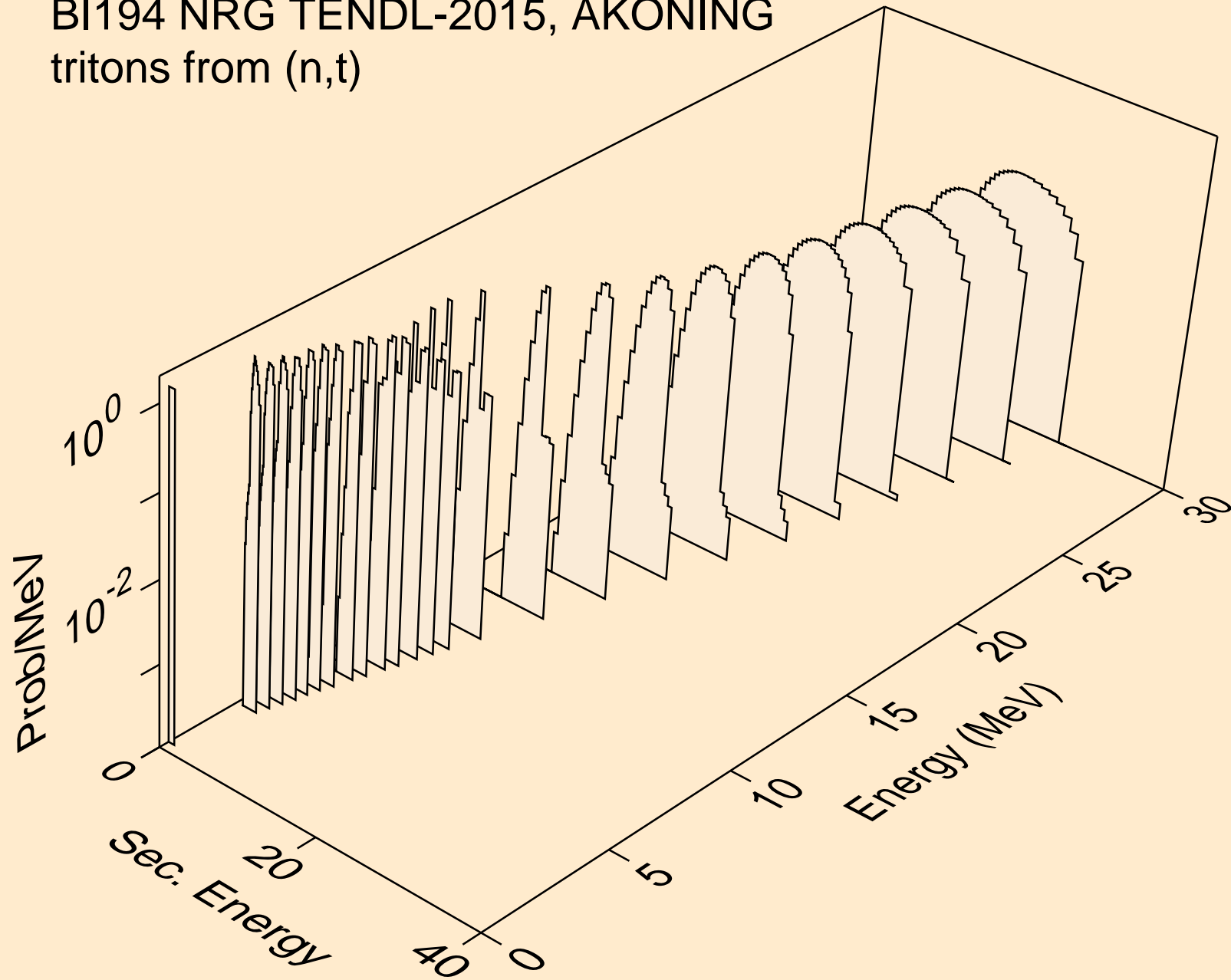
BI194 NRG TENDL-2015, AKONING  
tritons from (n,x)



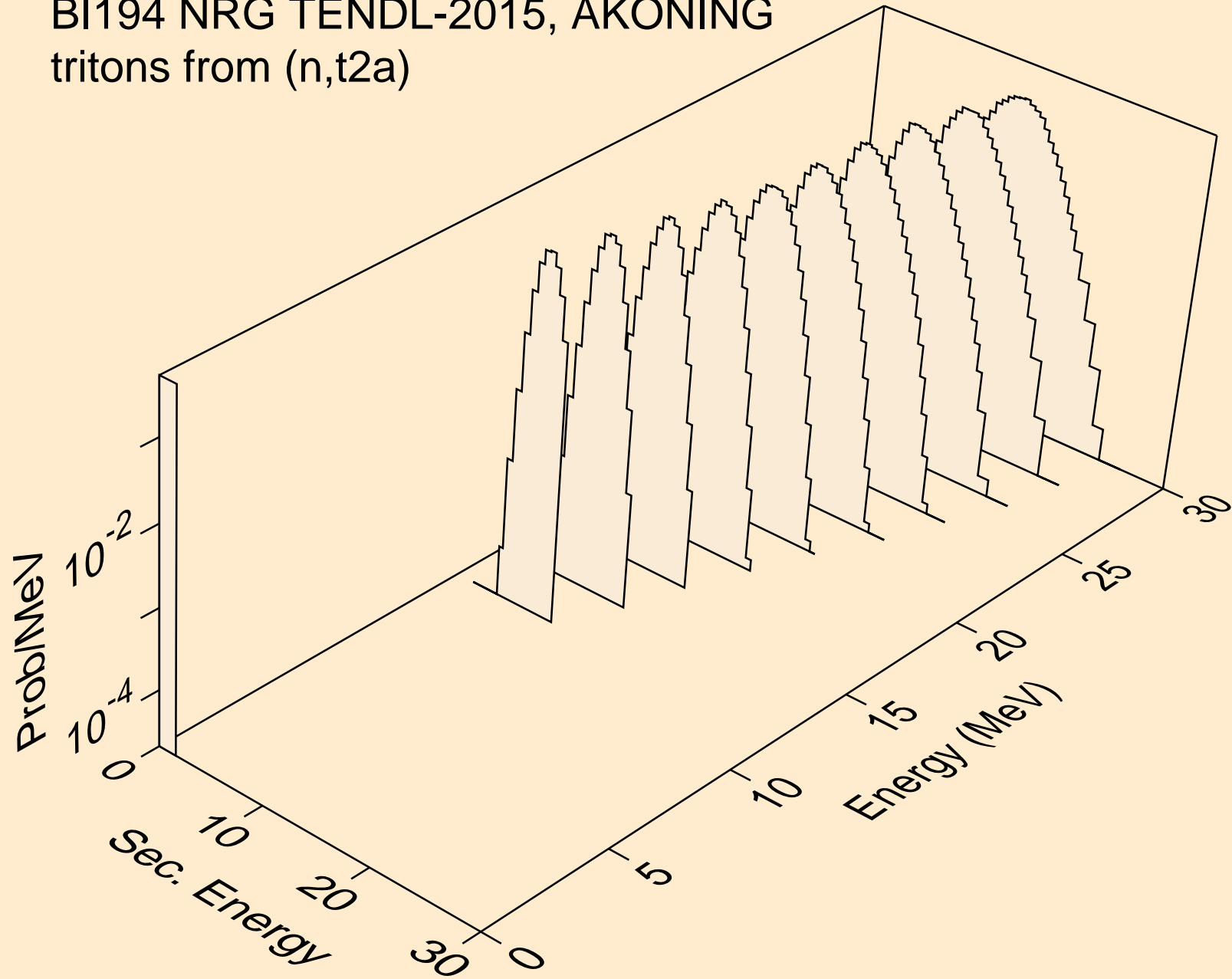
BI194 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



BI194 NRG TENDL-2015, AKONING  
tritons from (n,t)

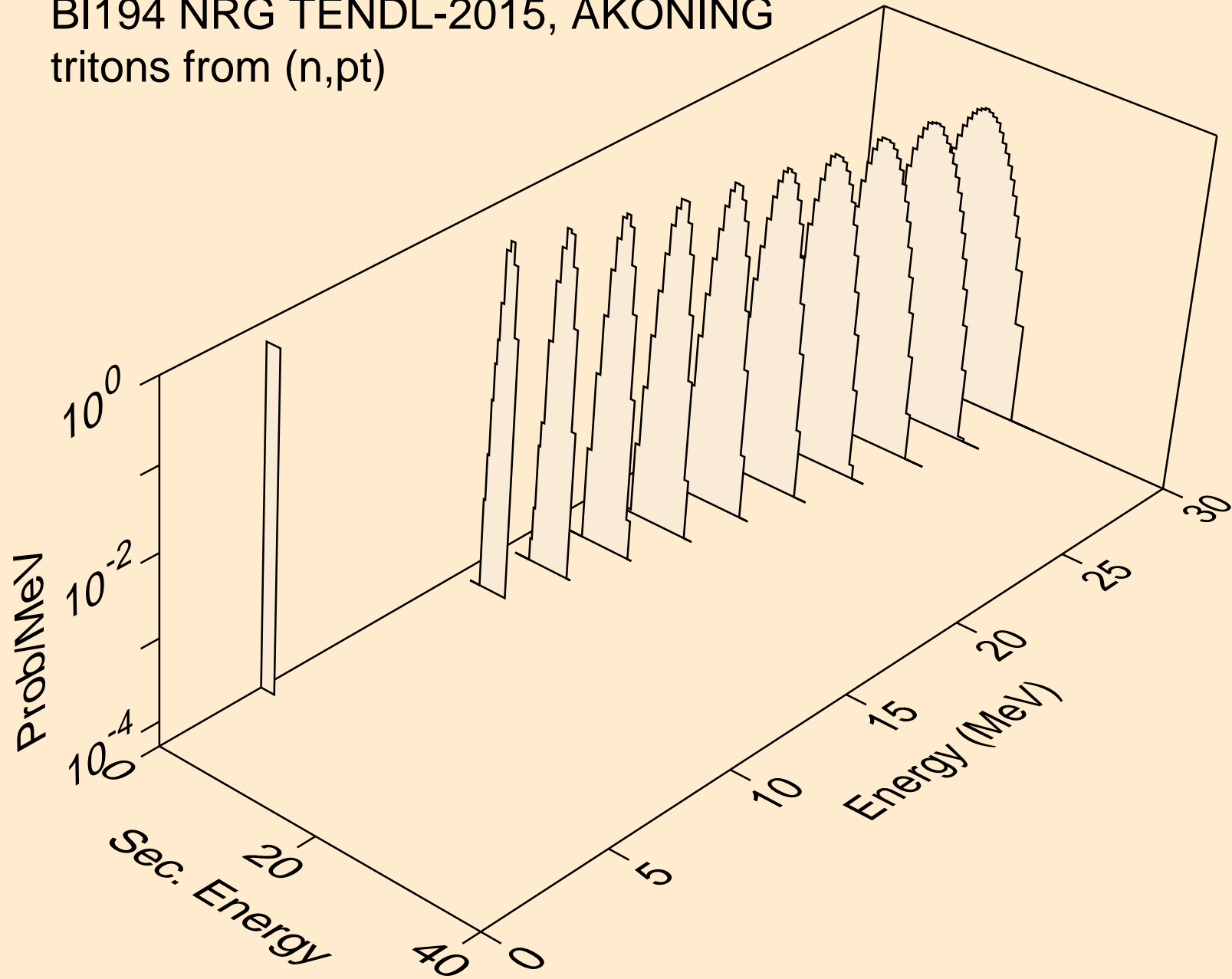


BI194 NRG TENDL-2015, AKONING  
tritons from (n,t2a)

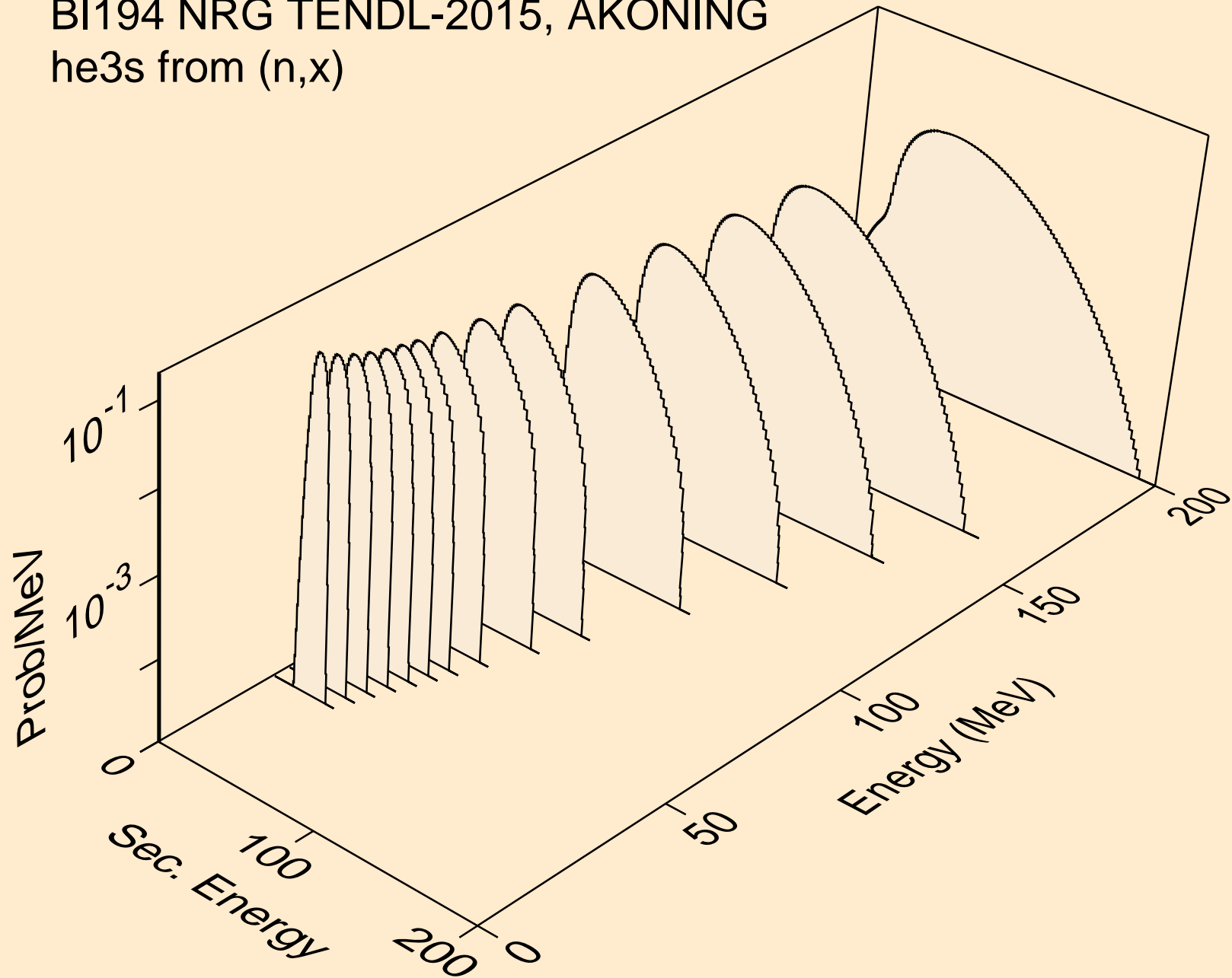




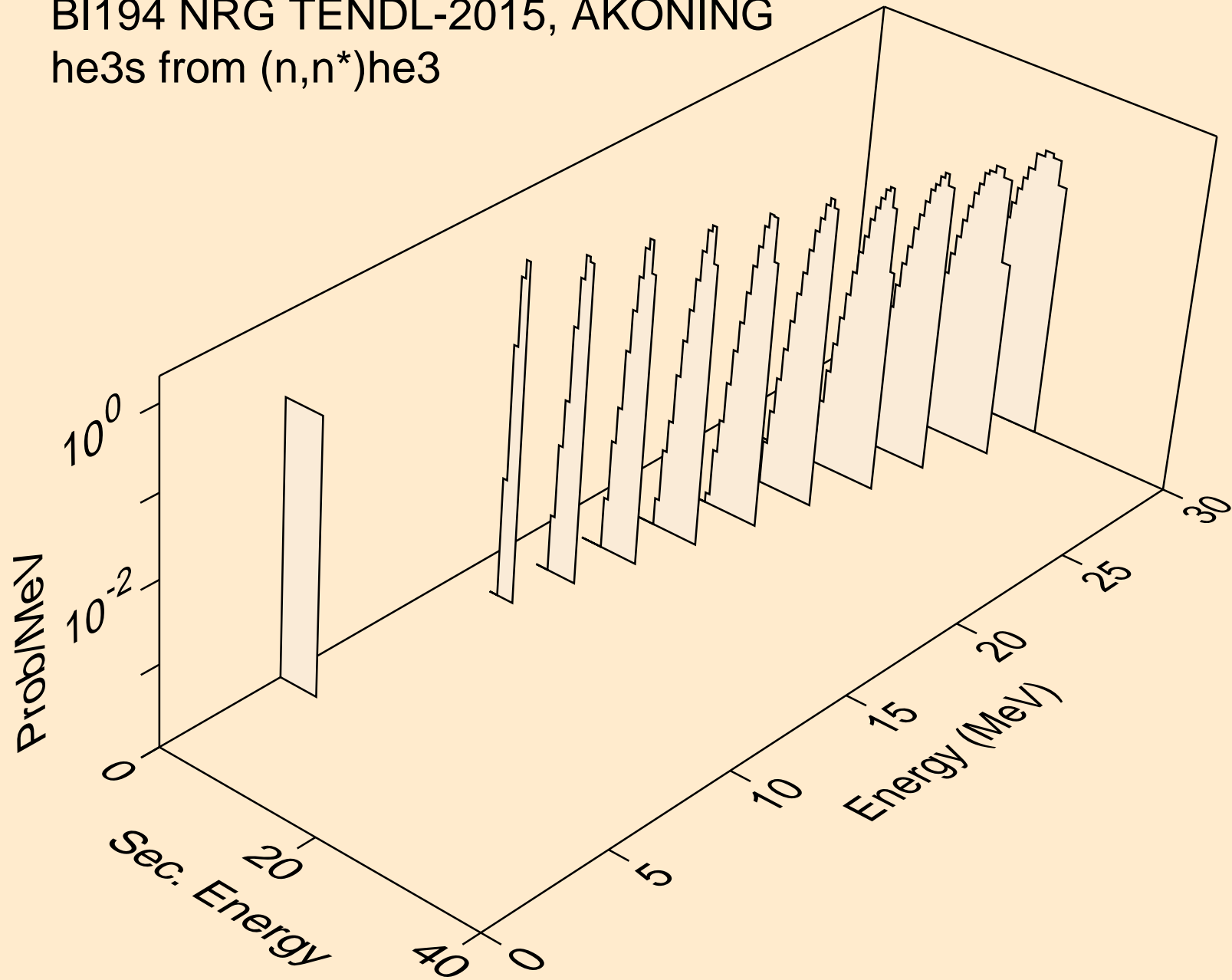
BI194 NRG TENDL-2015, AKONING  
tritons from (n,pt)



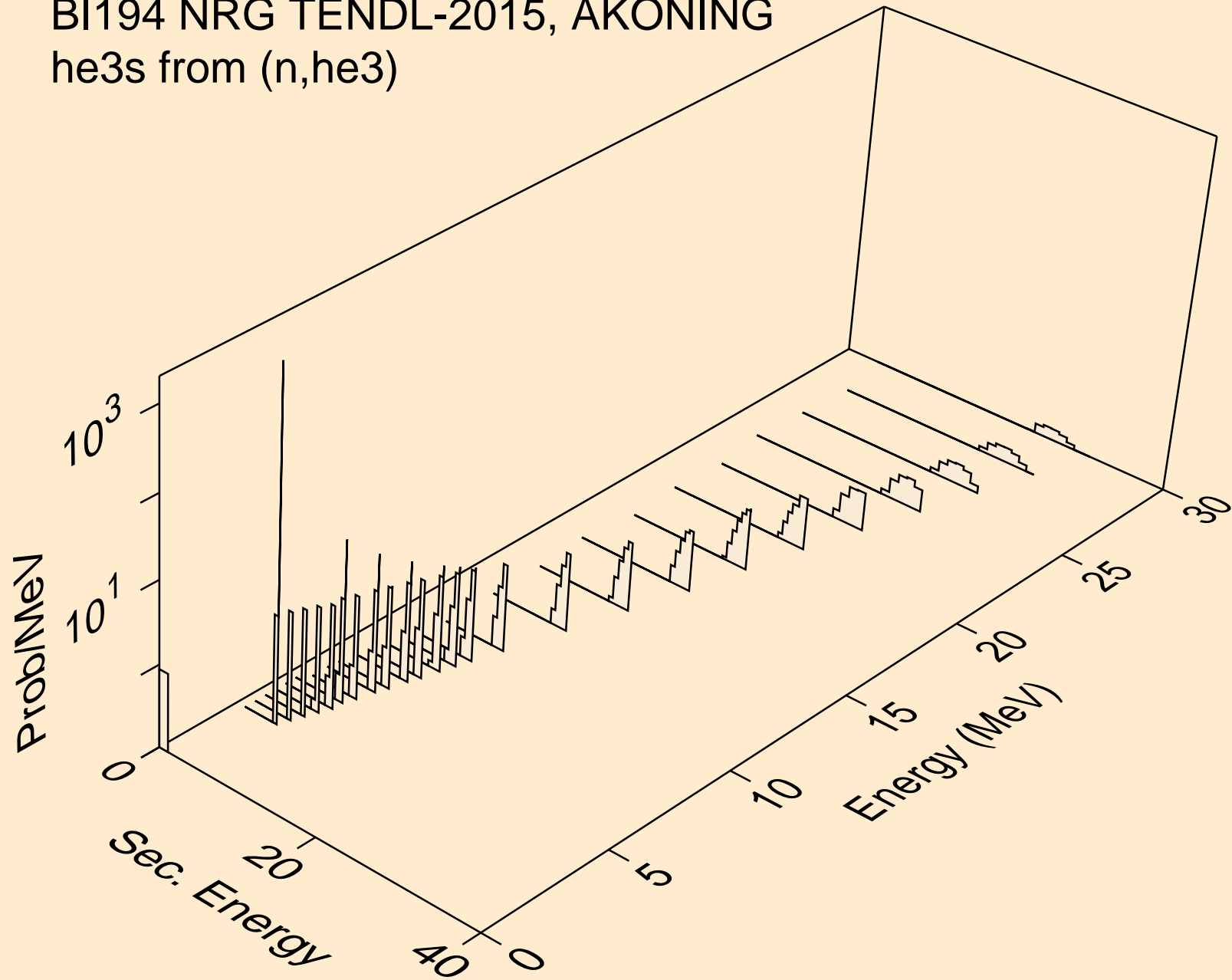
BI194 NRG TENDL-2015, AKONING  
he3s from (n,x)



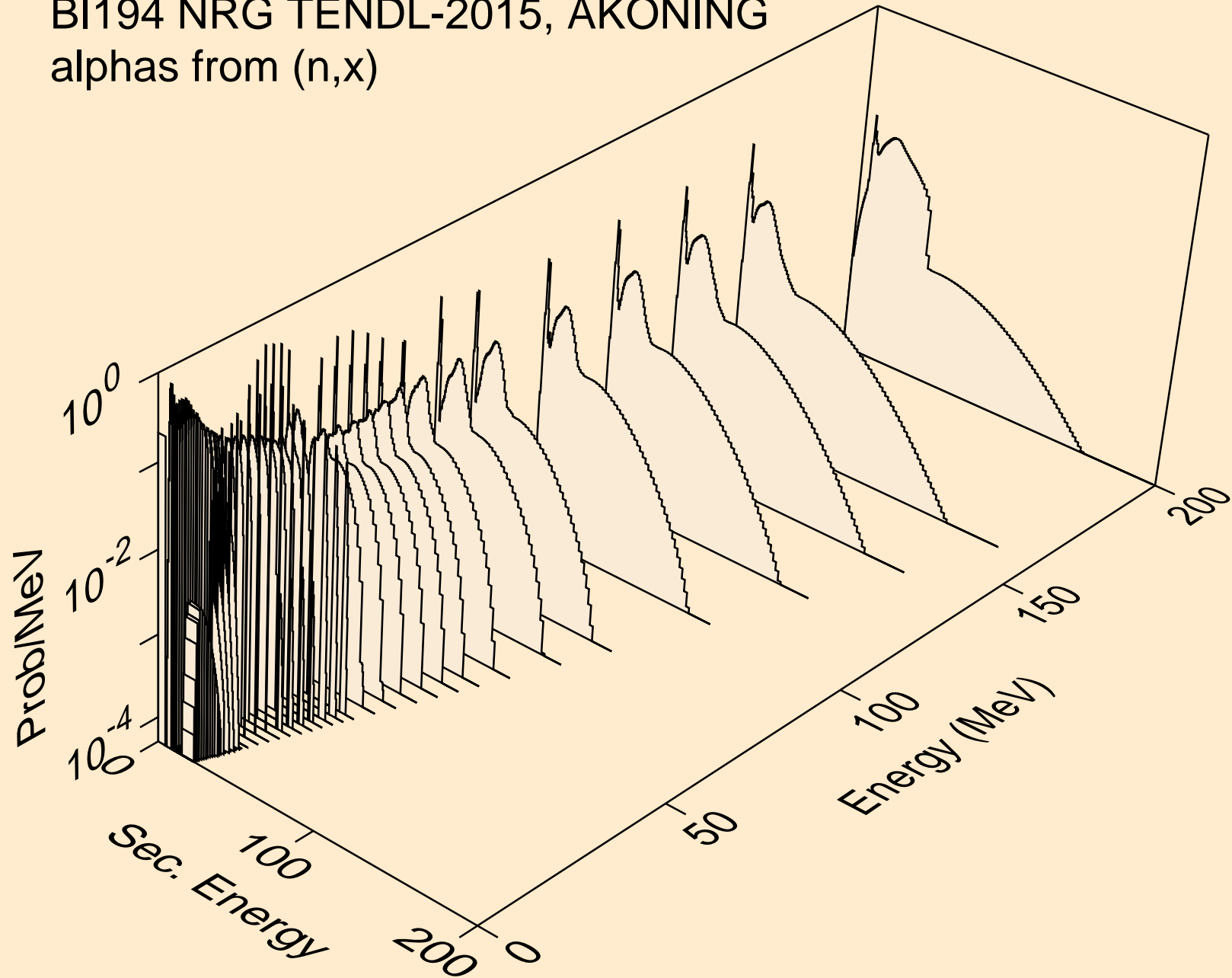
BI194 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



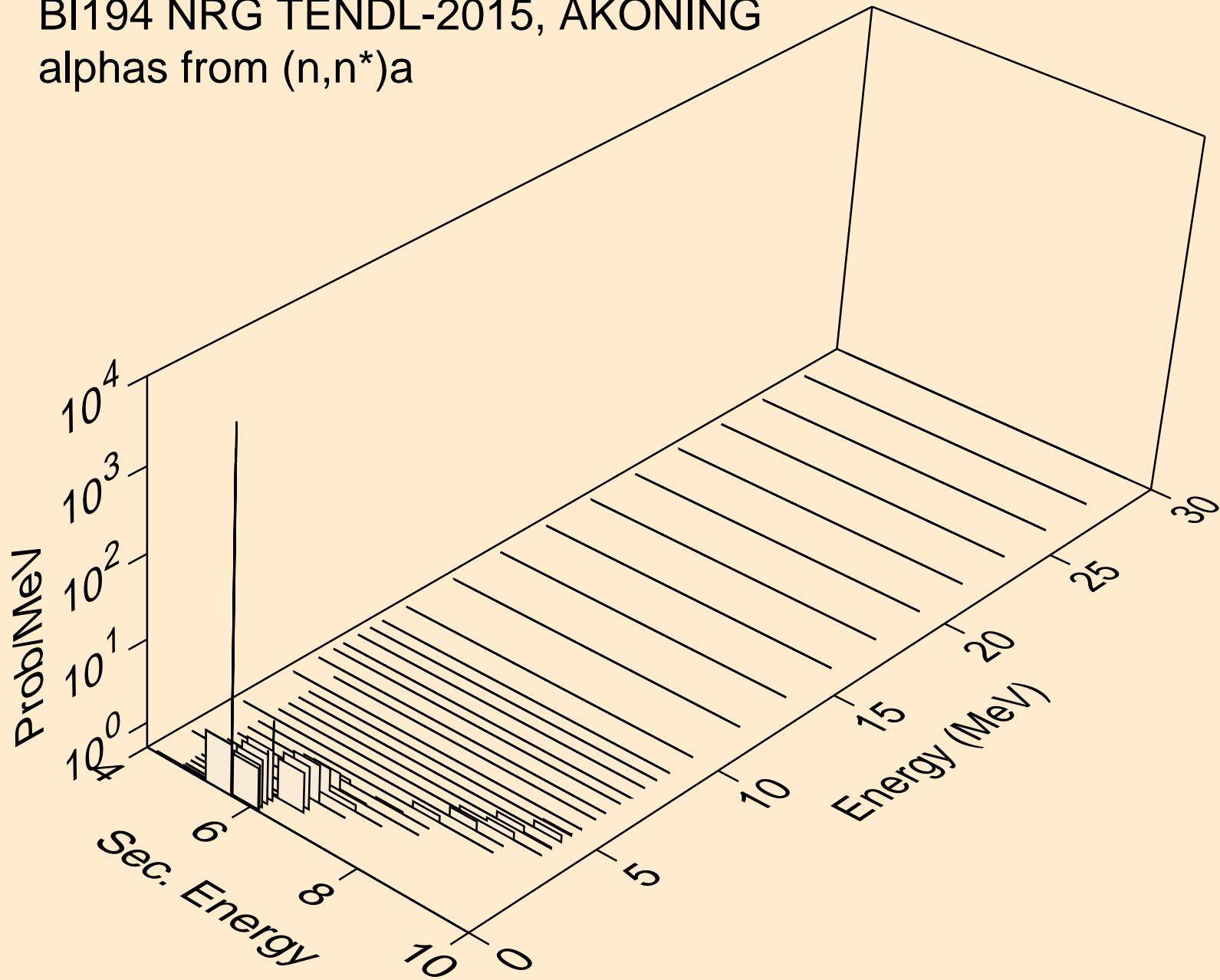
BI194 NRG TENDL-2015, AKONING  
he3s from (n,he3)



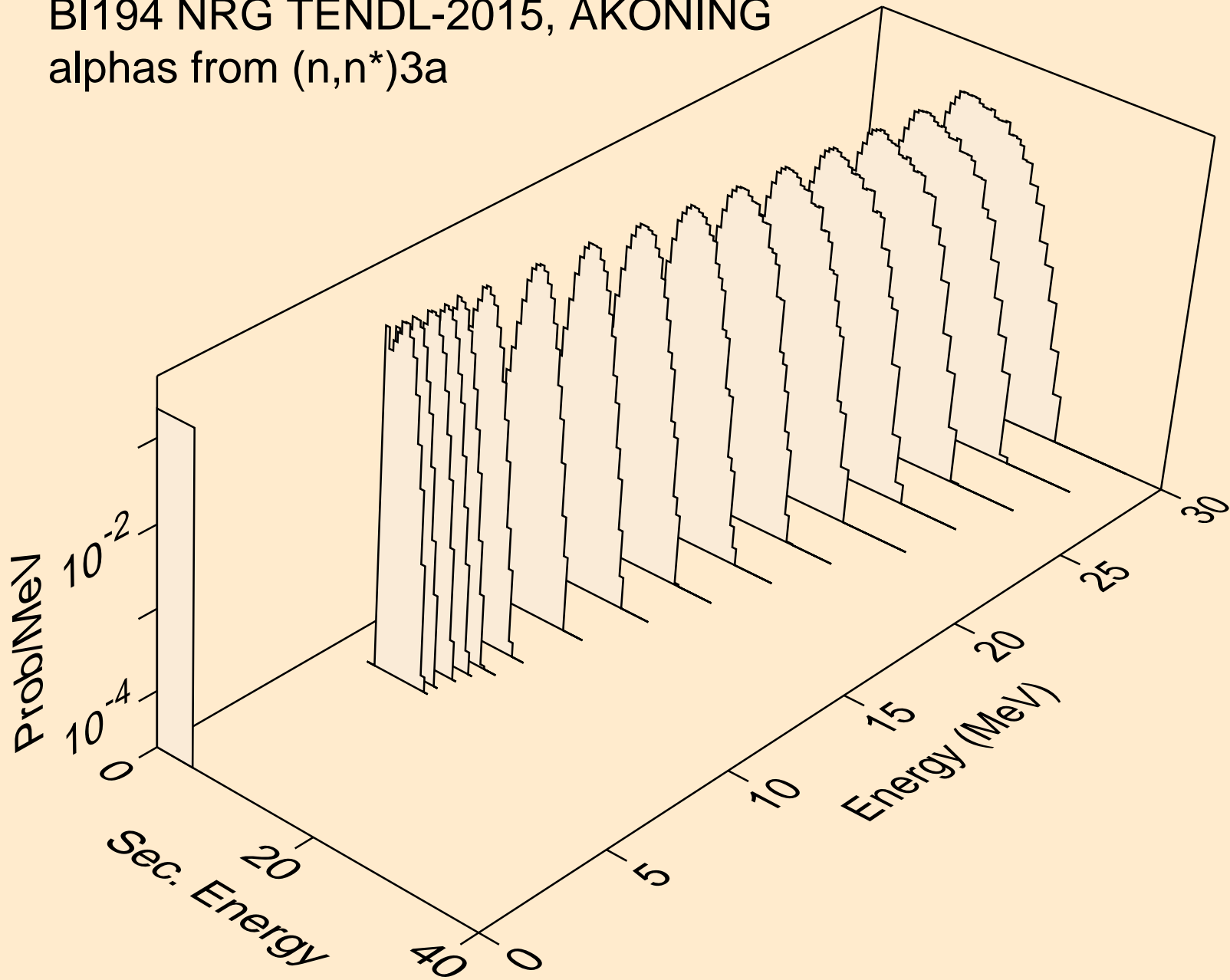
BI194 NRG TENDL-2015, AKONING  
alphas from (n,x)



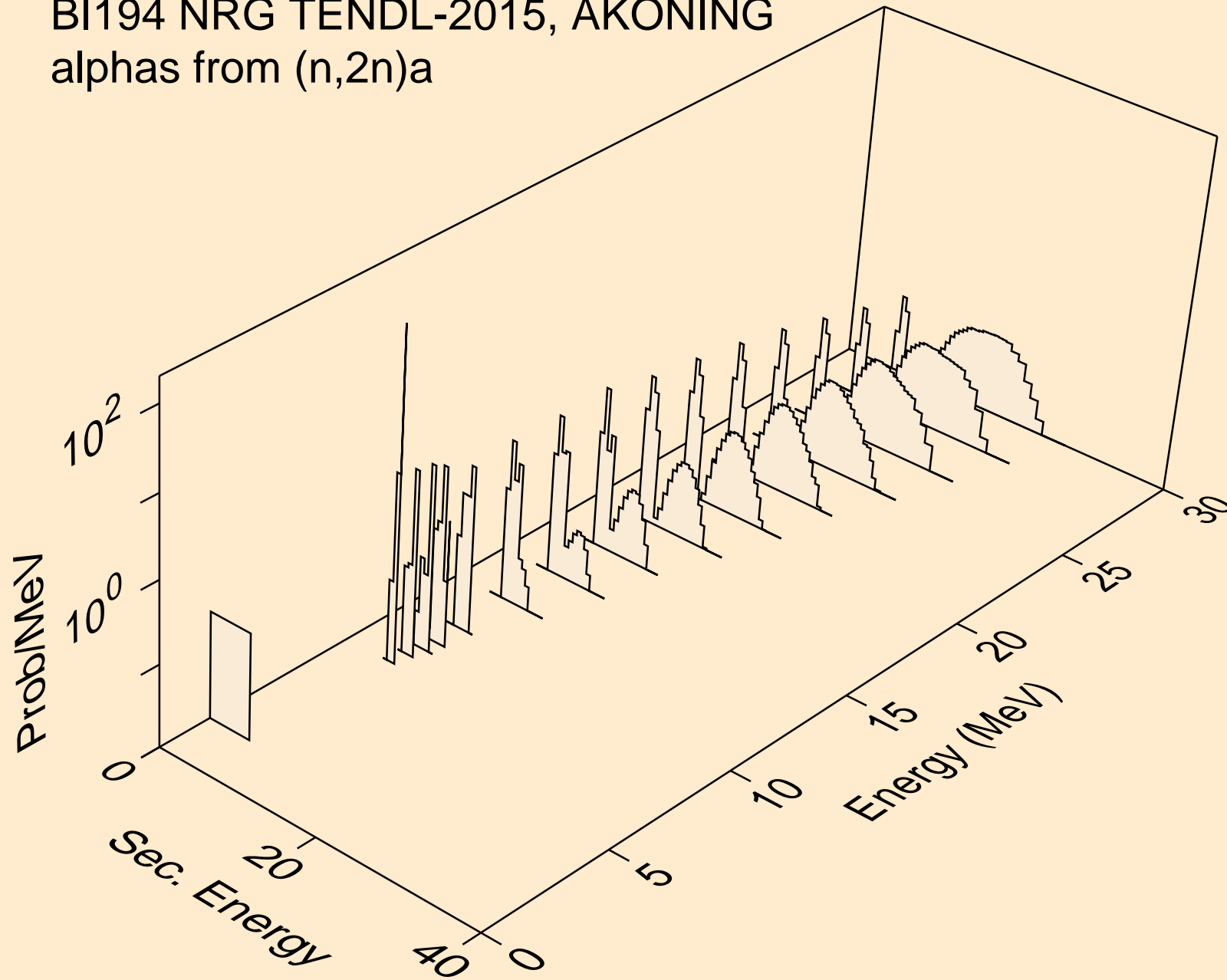
BI194 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



BI194 NRG TENDL-2015, AKONING  
alphas from (n,n\*)3a

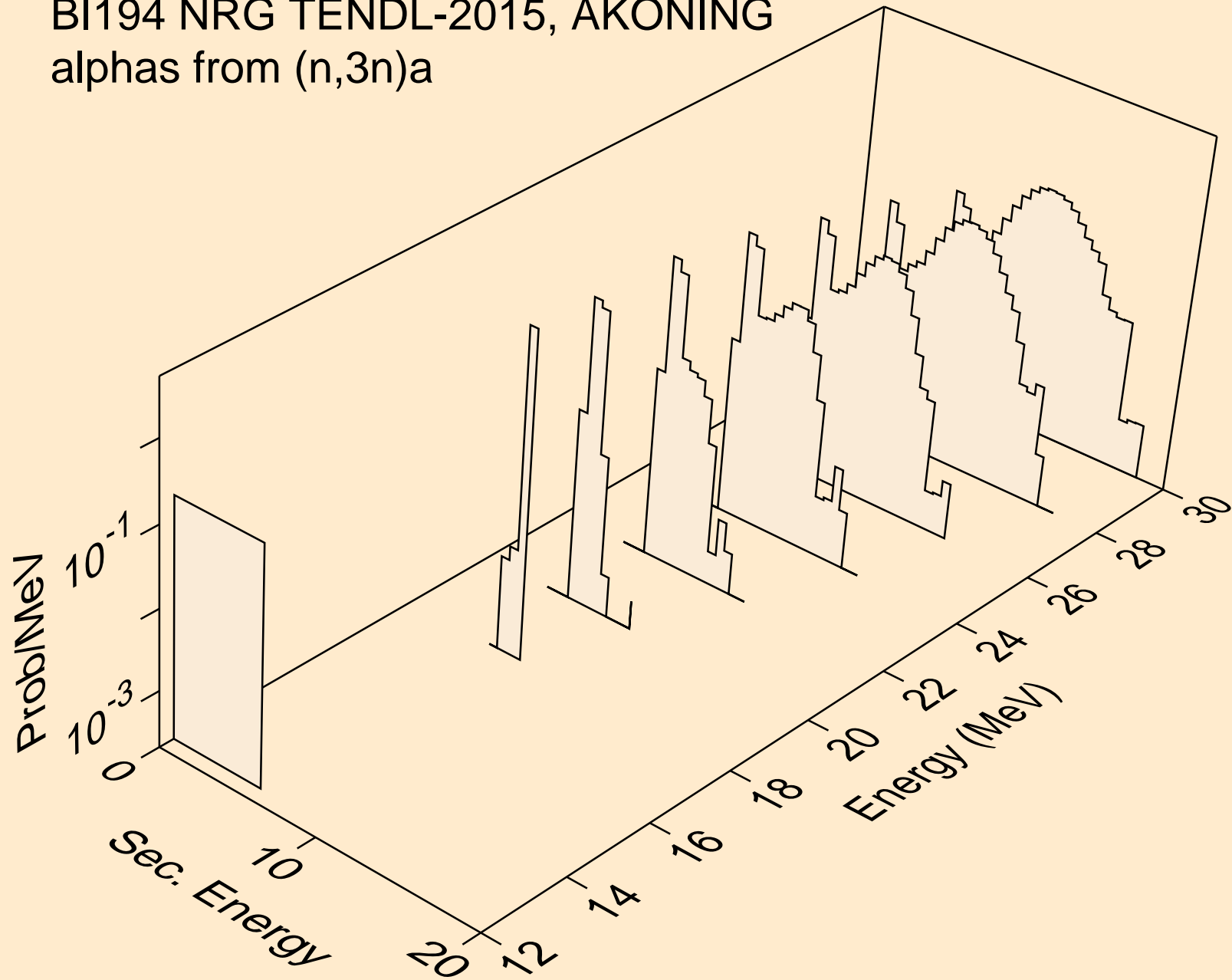


BI194 NRG TENDL-2015, AKONING  
alphas from (n,2n)a

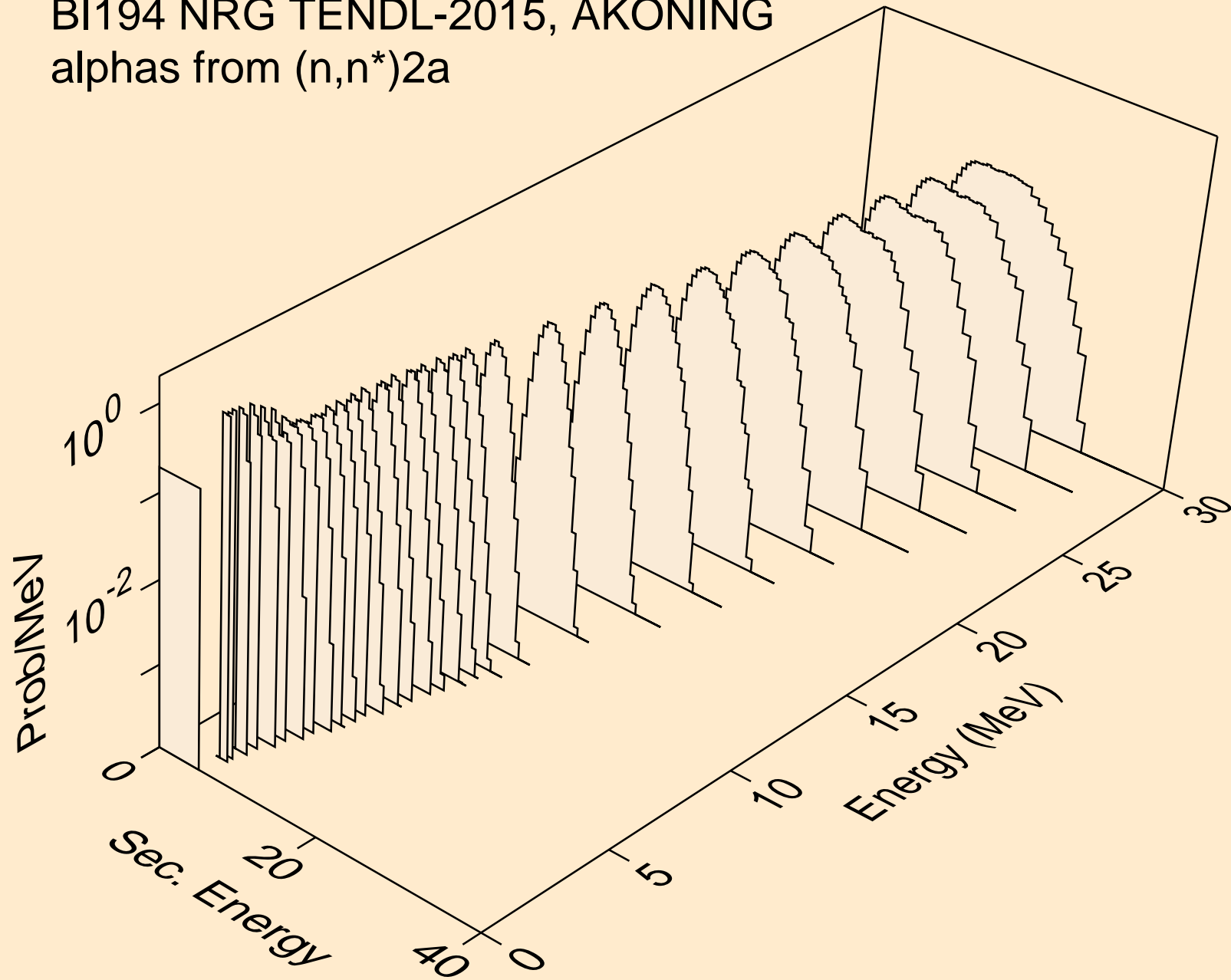




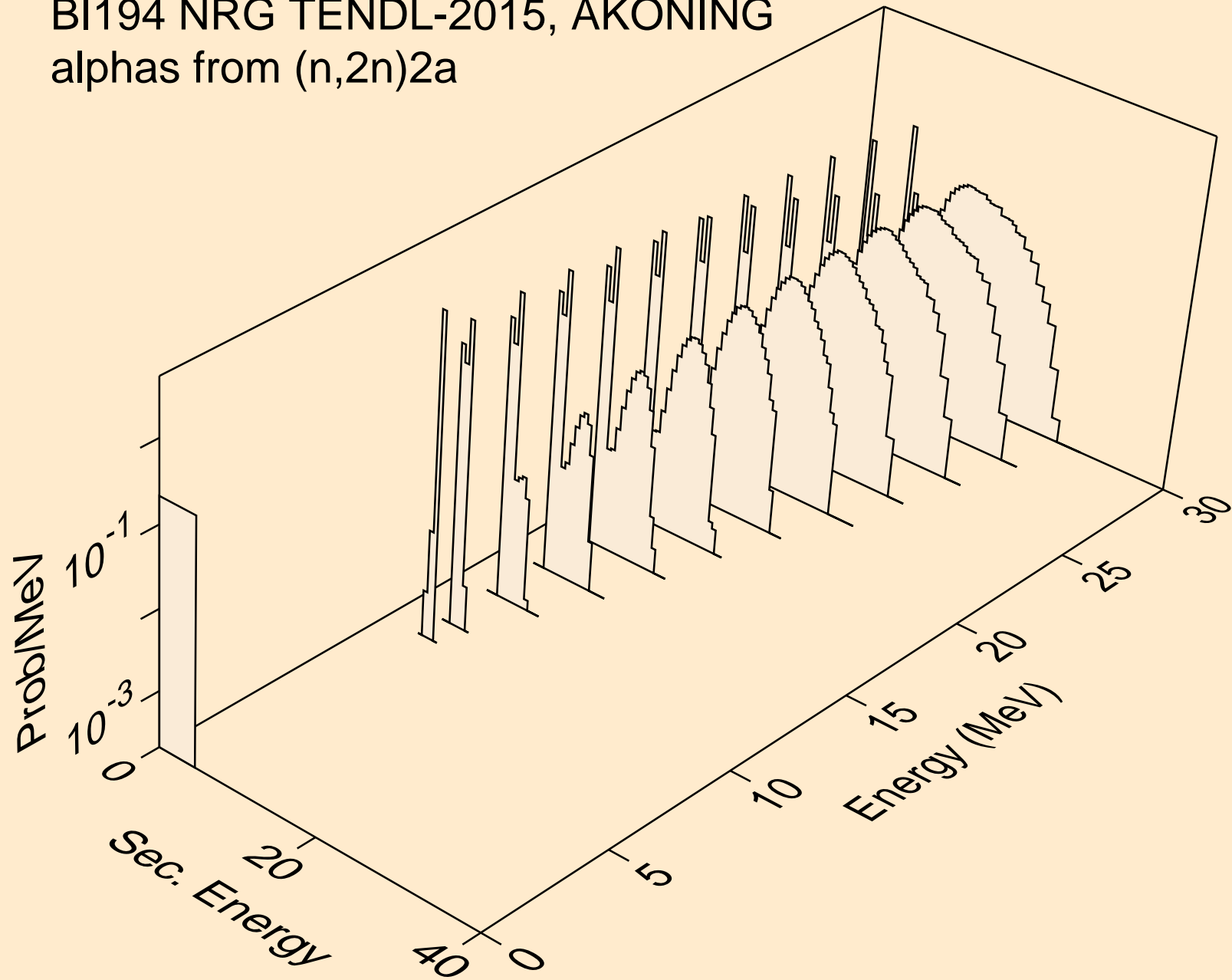
BI194 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



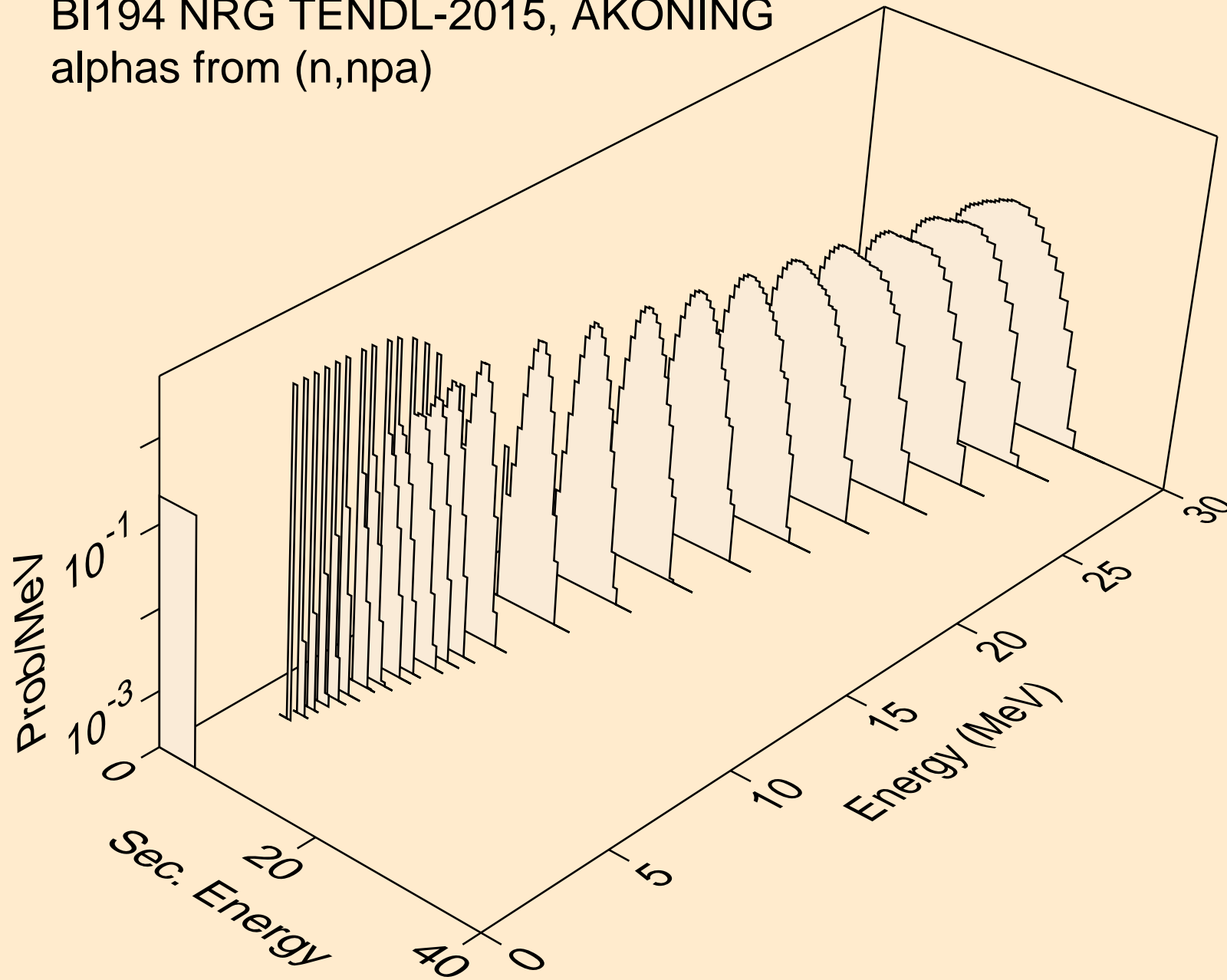
BI194 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



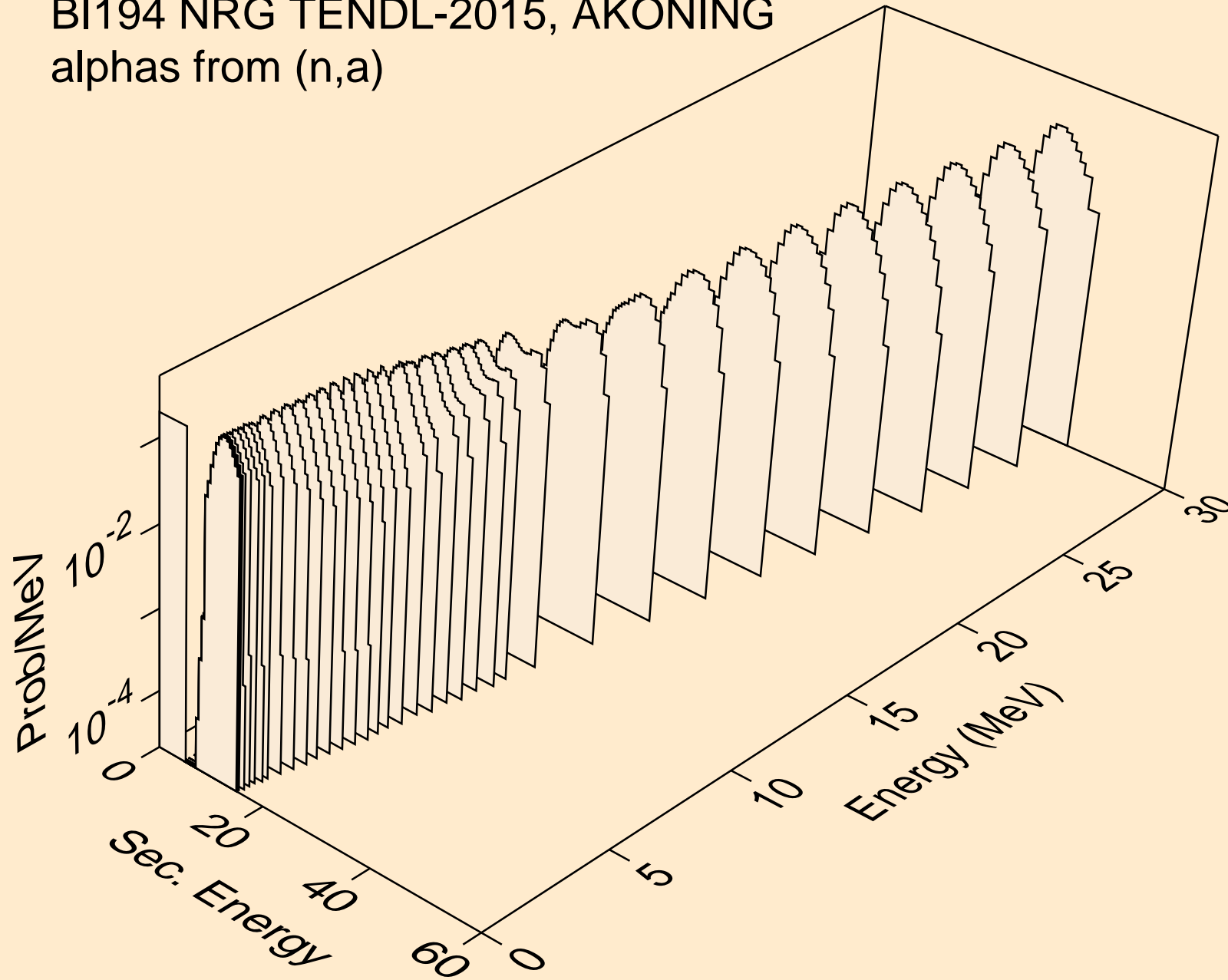
BI194 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



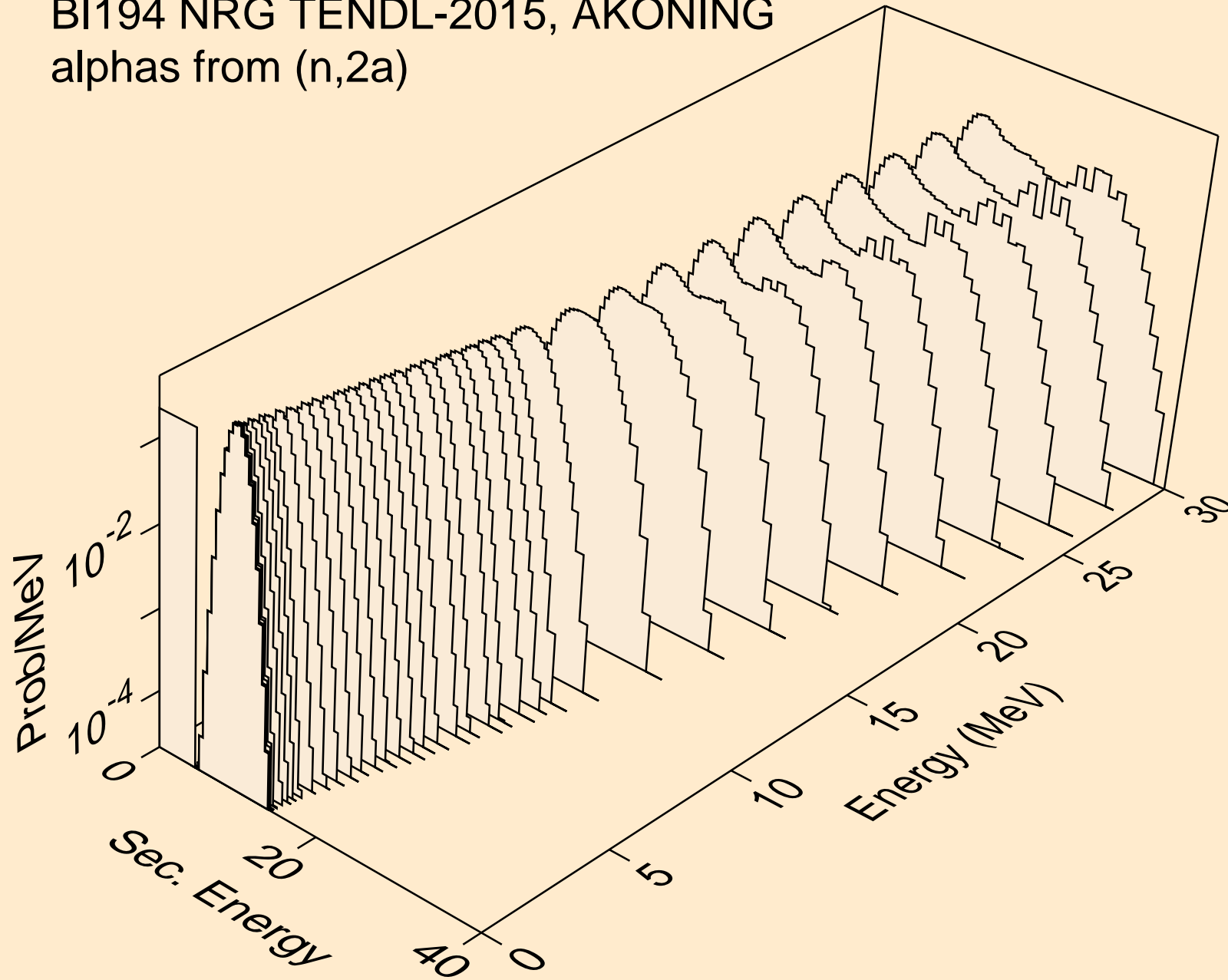
BI194 NRG TENDL-2015, AKONING  
alphas from (n,npa)



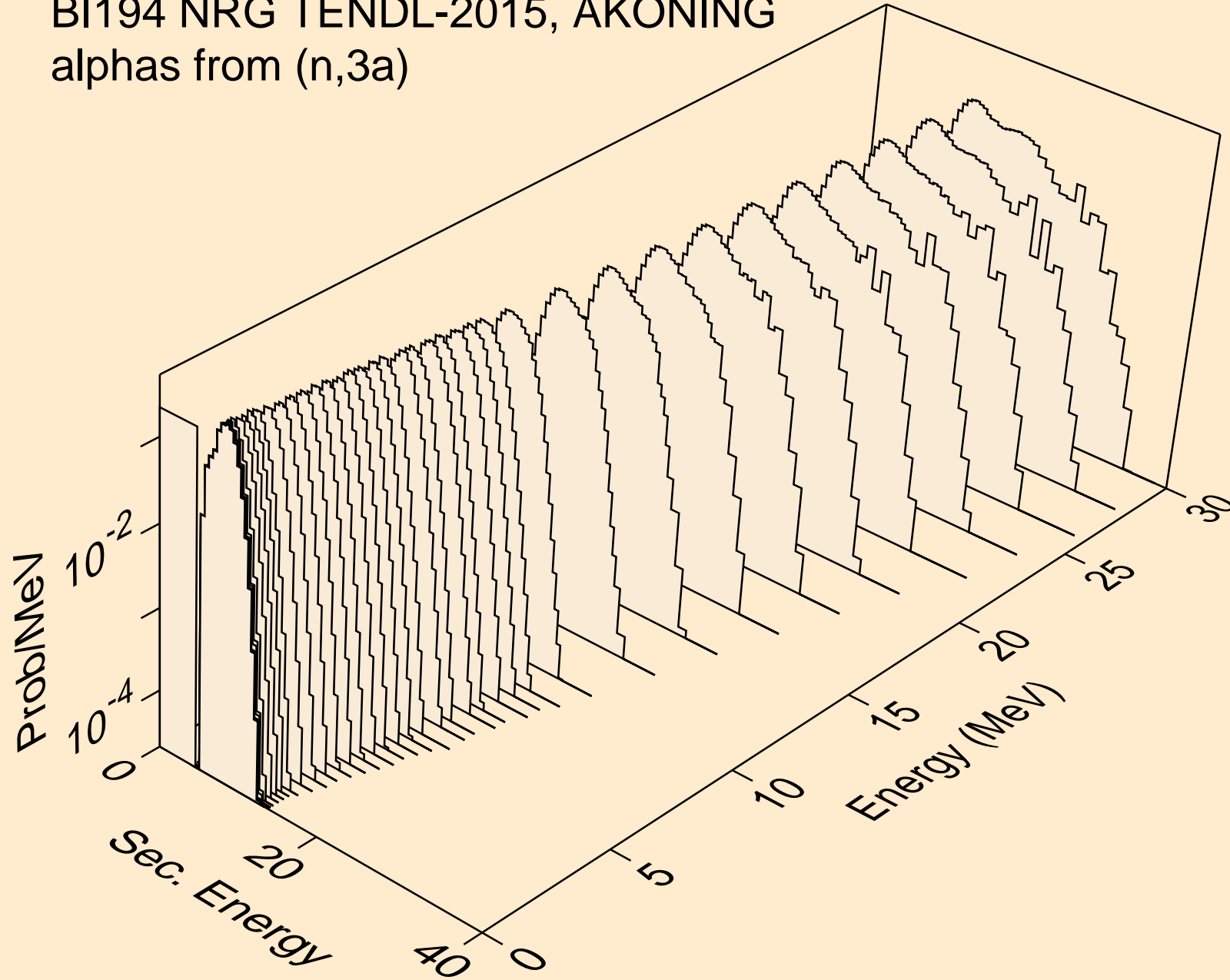
BI194 NRG TENDL-2015, AKONING  
alphas from (n,a)



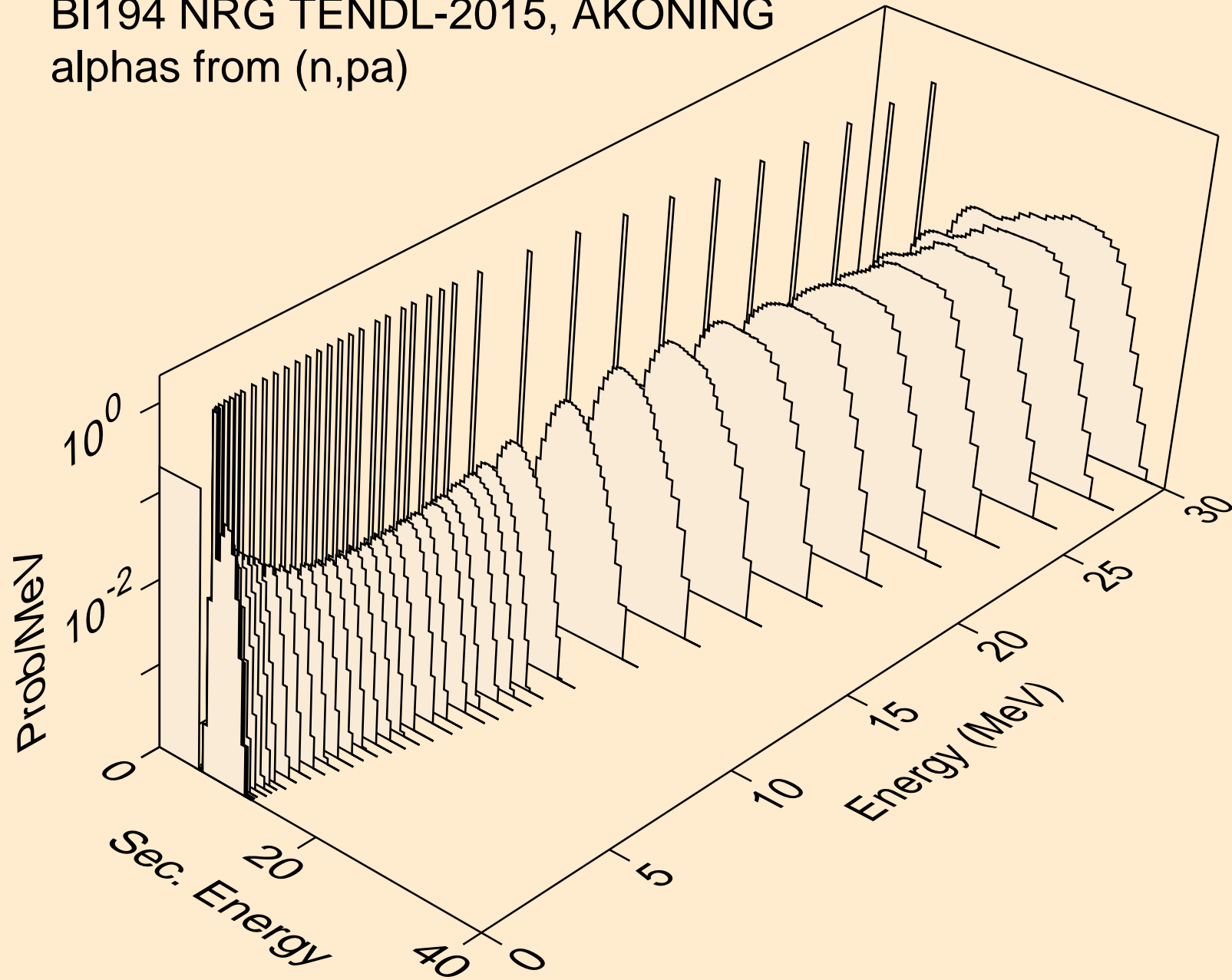
BI194 NRG TENDL-2015, AKONING  
alphas from (n,2a)



BI194 NRG TENDL-2015, AKONING  
alphas from (n,3a)

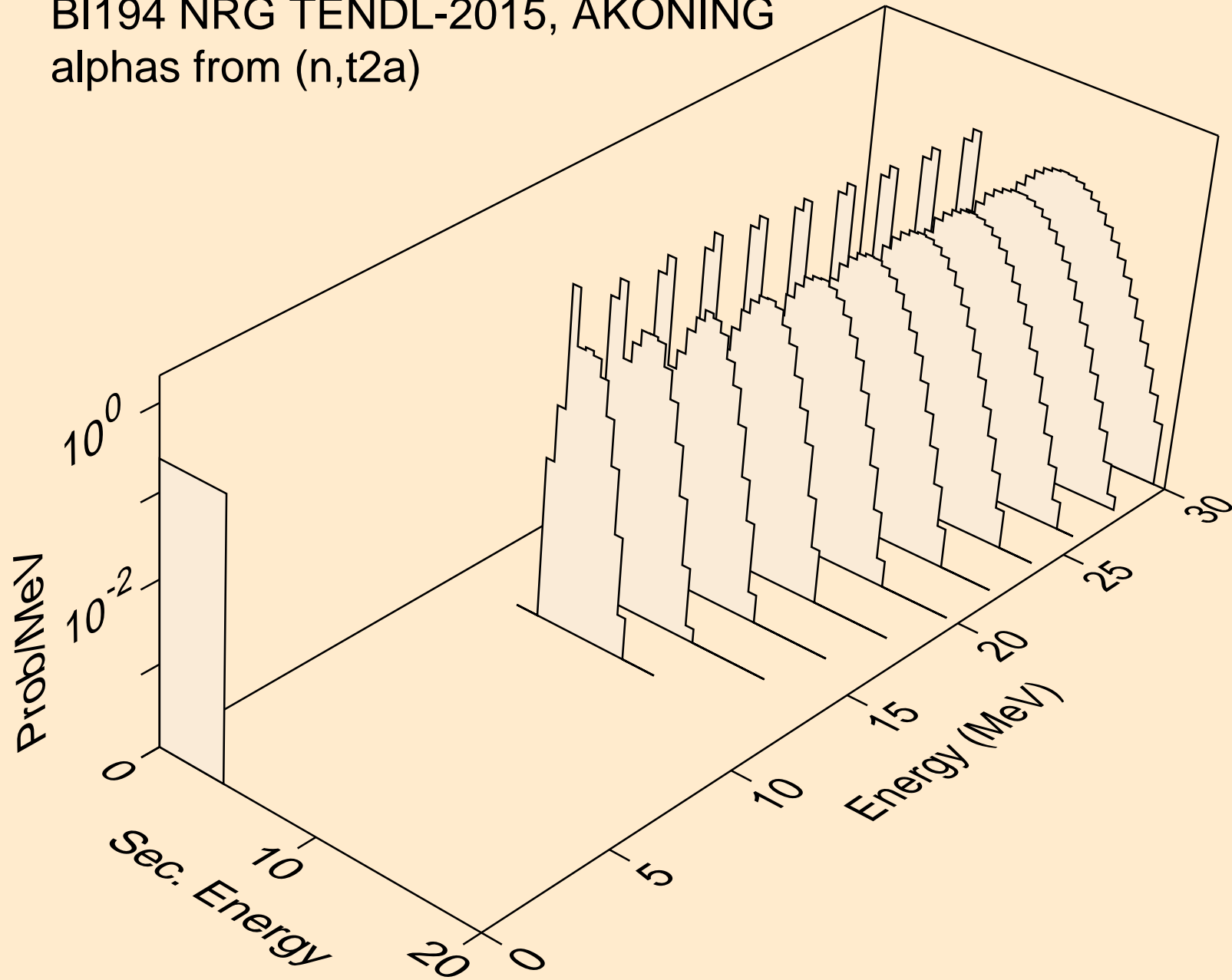


BI194 NRG TENDL-2015, AKONING  
alphas from (n,pa)

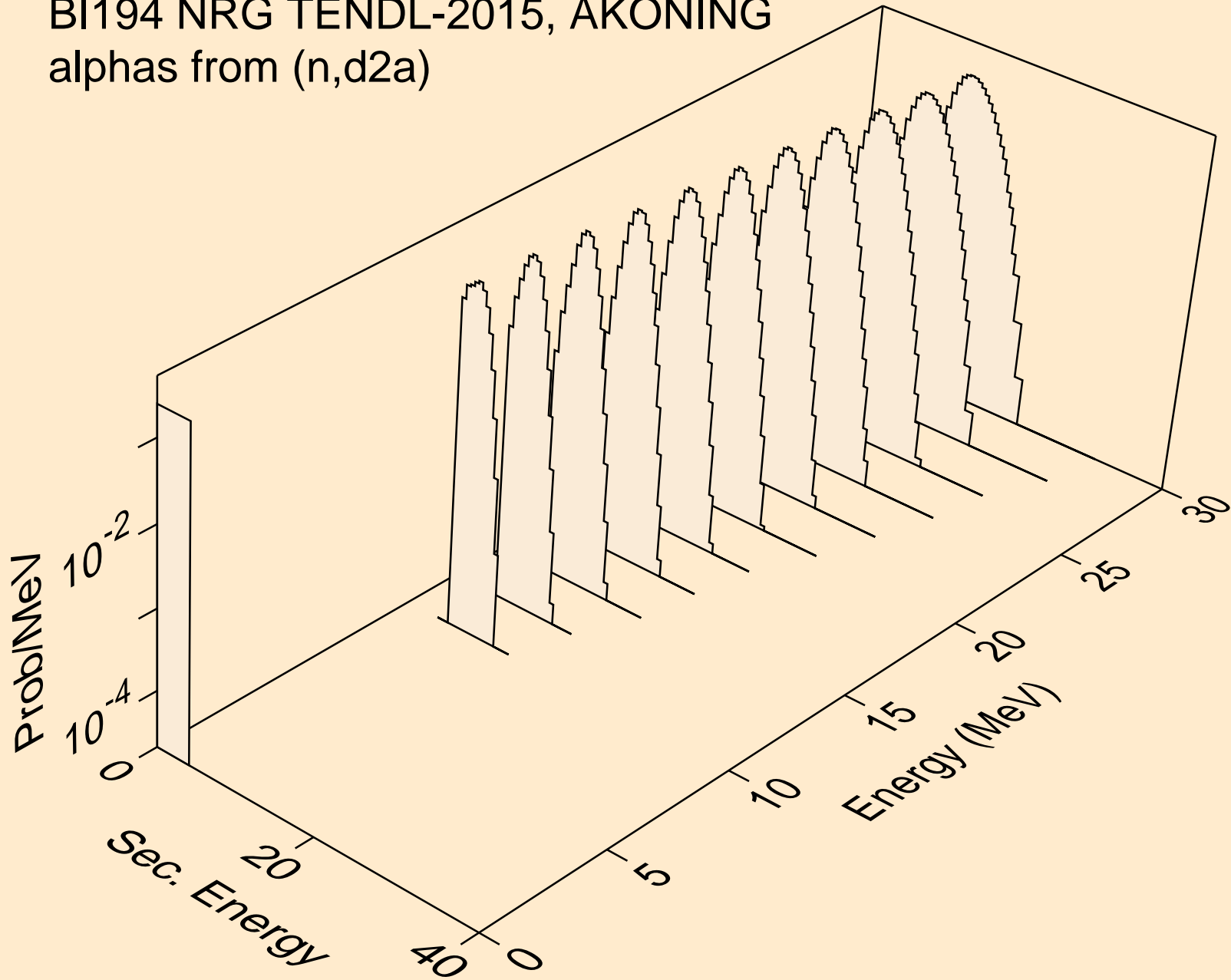




BI194 NRG TENDL-2015, AKONING  
alphas from (n,t2a)



BI194 NRG TENDL-2015, AKONING  
alphas from (n,d2a)



BI194 NRG TENDL-2015, AKONING  
alphas from (n,da)

