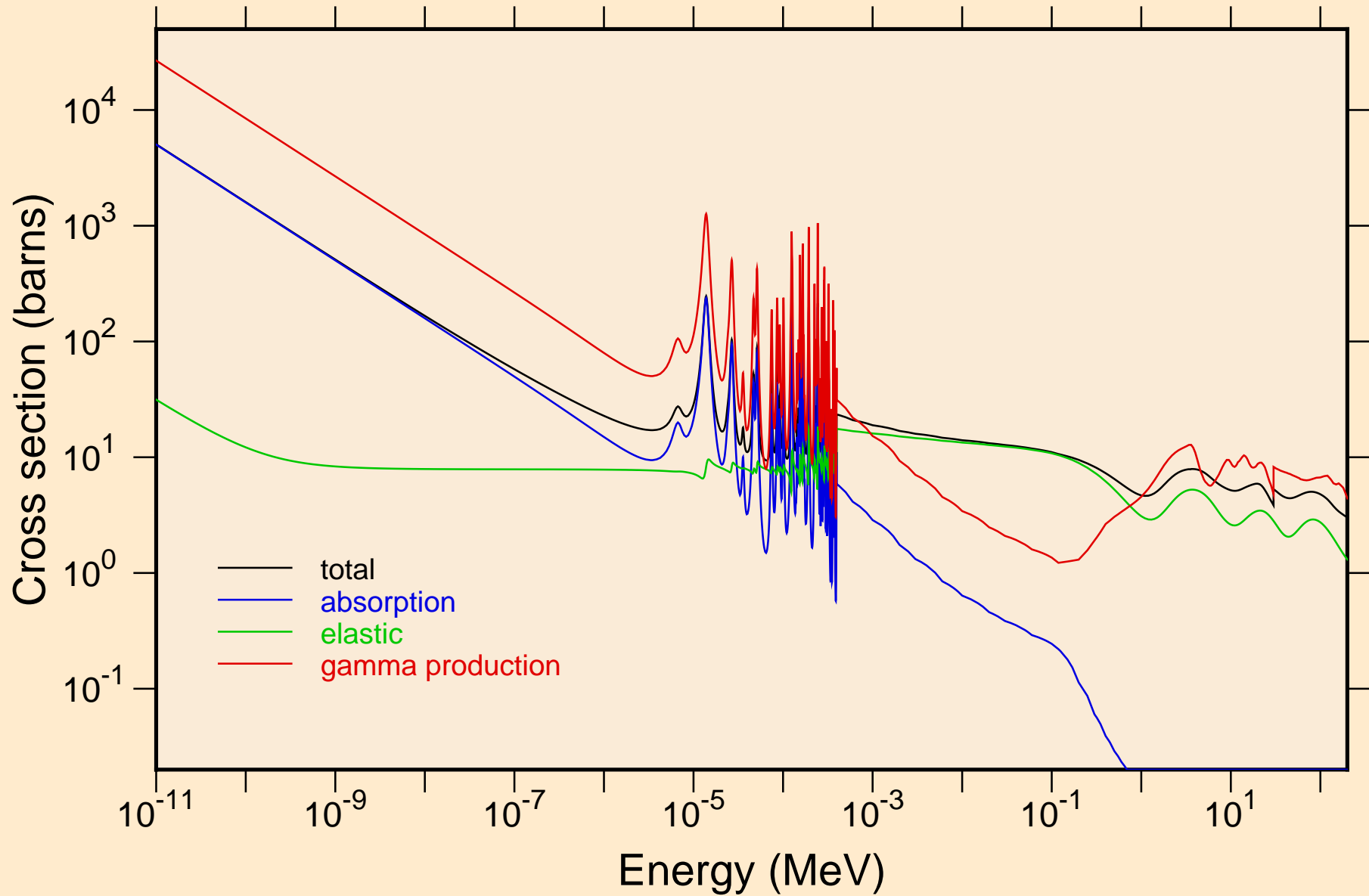
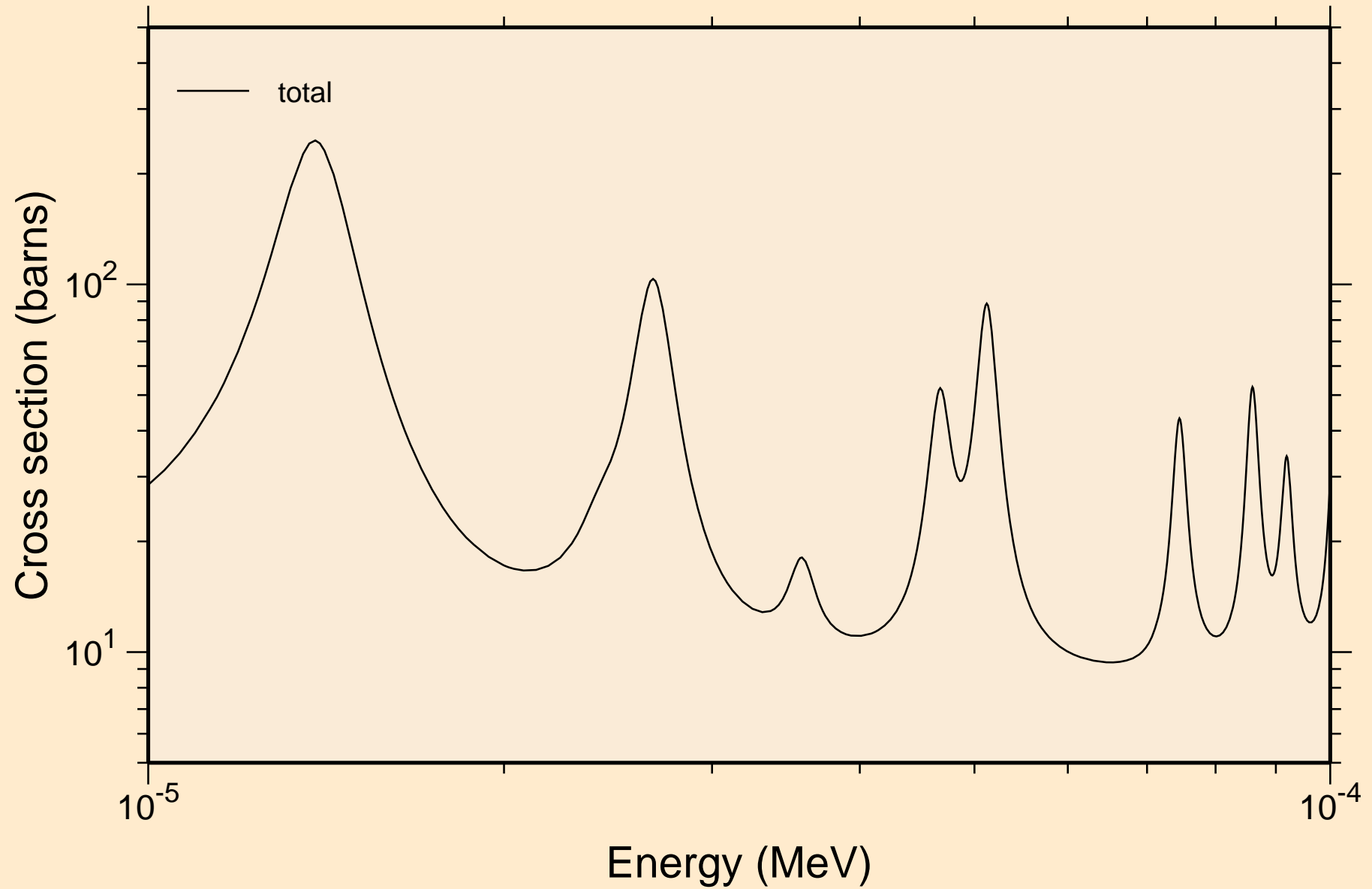


# BI220 NRG TENDL-2015, AKONING

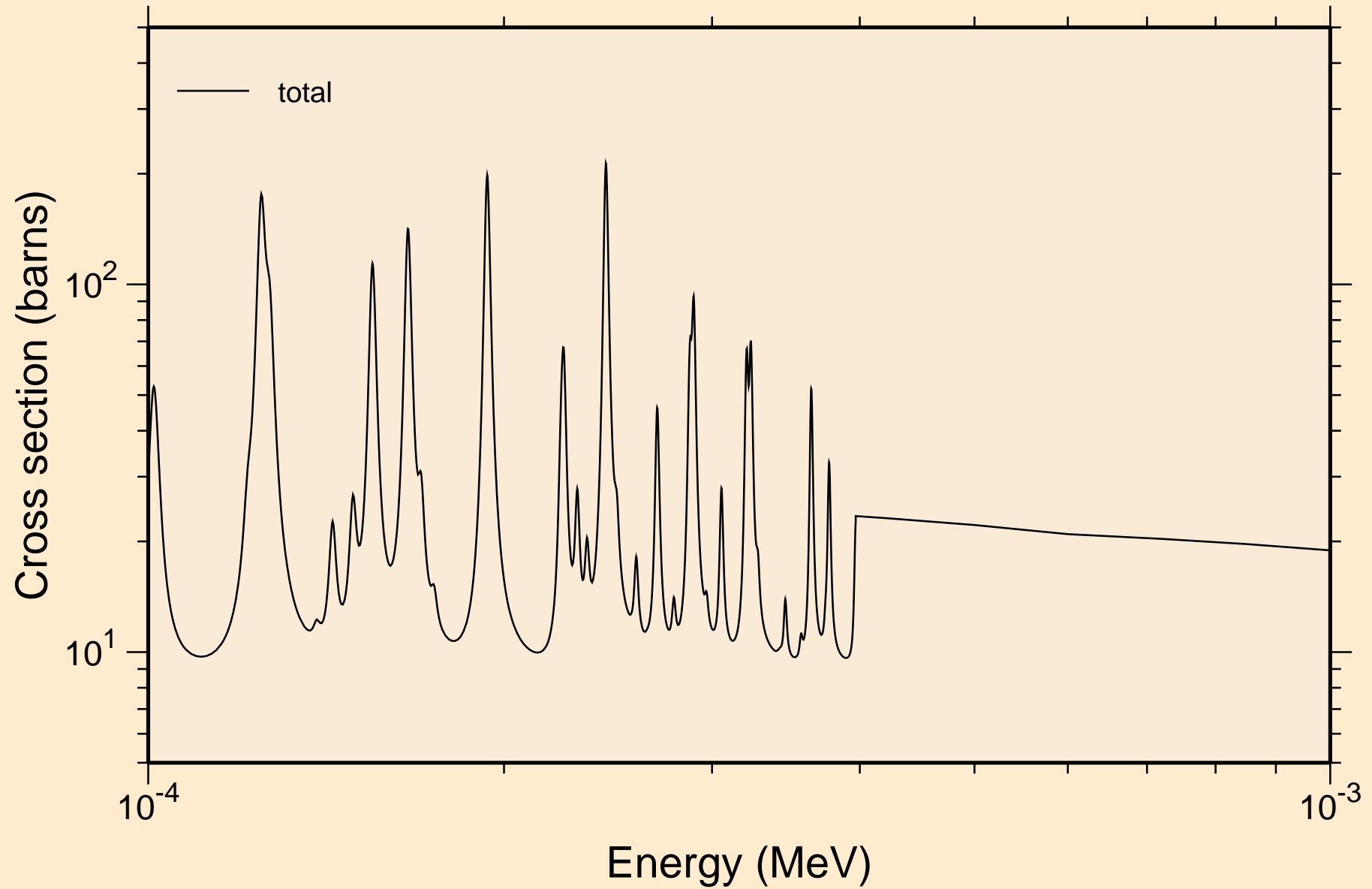
## Principal cross sections



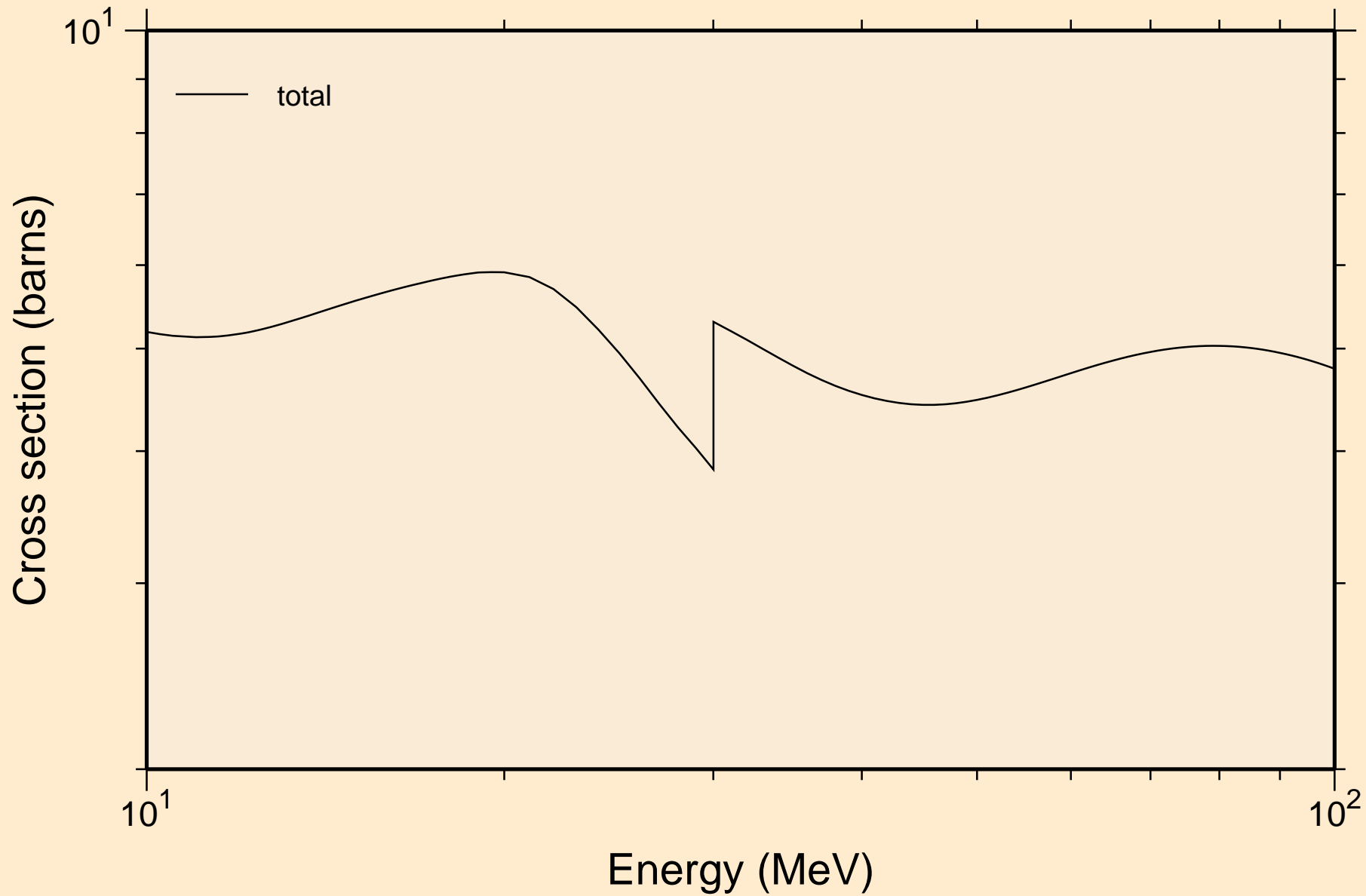
BI220 NRG TENDL-2015, AKONING  
resonance total cross section



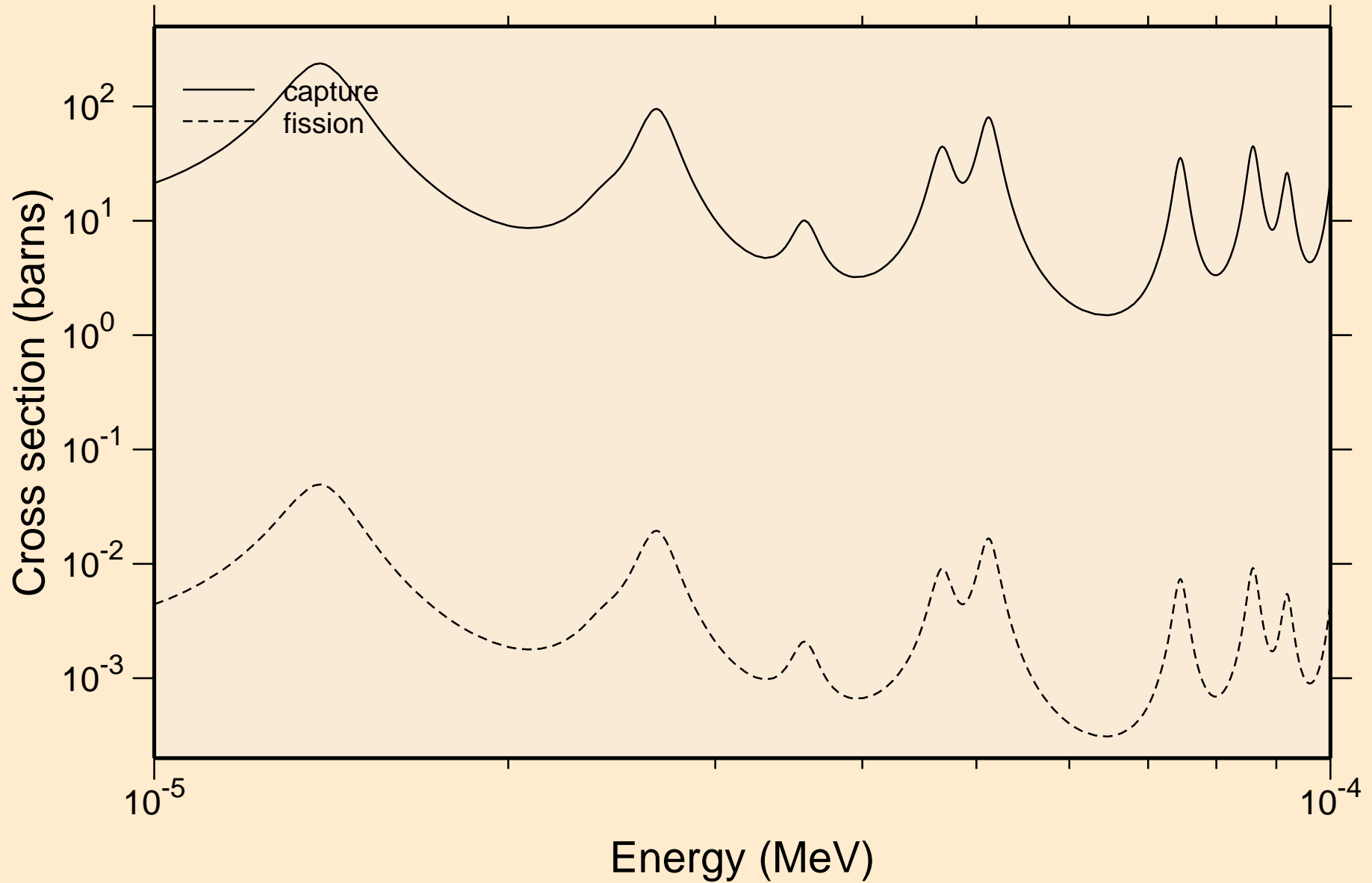
BI220 NRG TENDL-2015, AKONING  
resonance total cross section



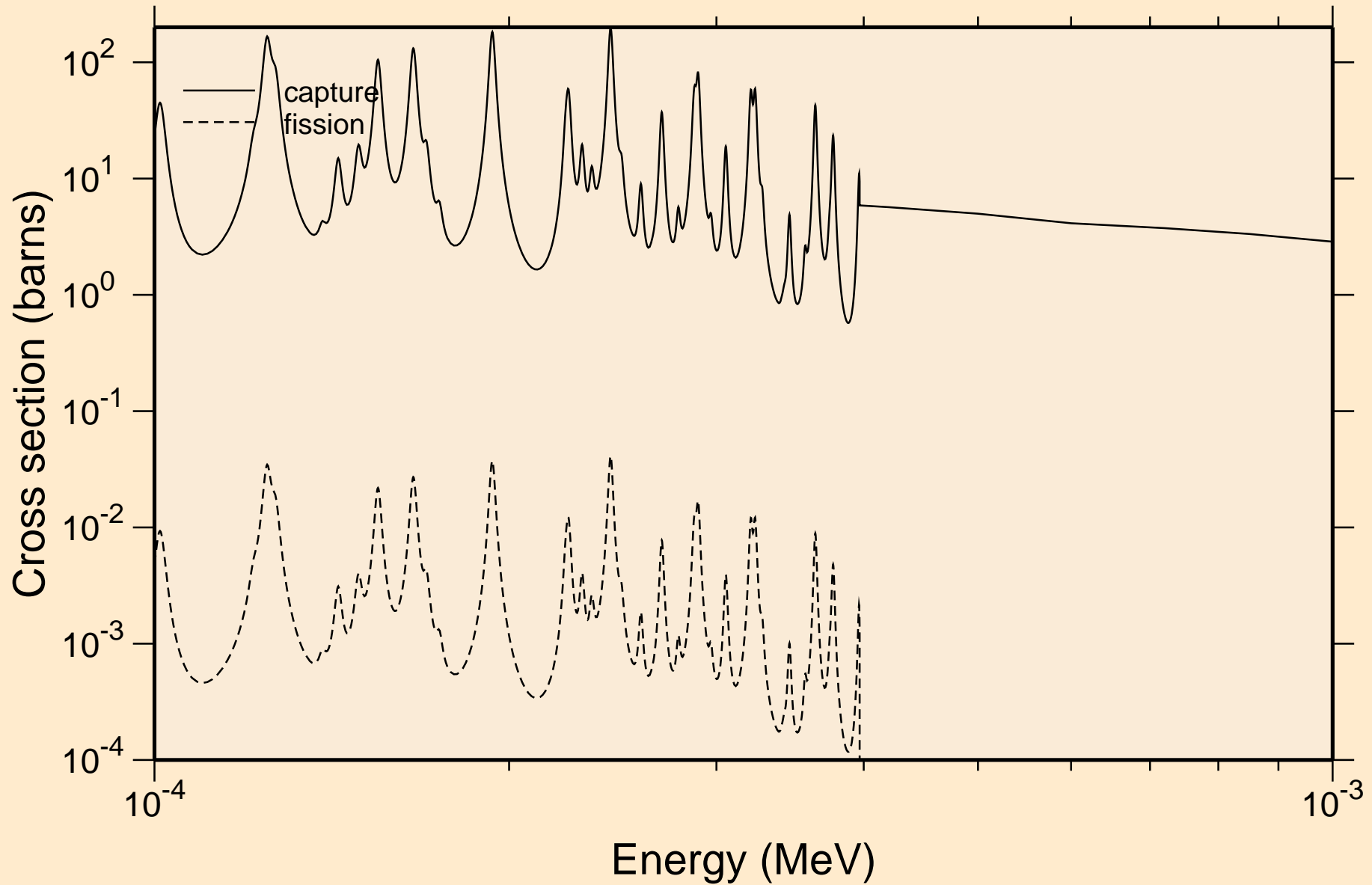
BI220 NRG TENDL-2015, AKONING  
resonance total cross section



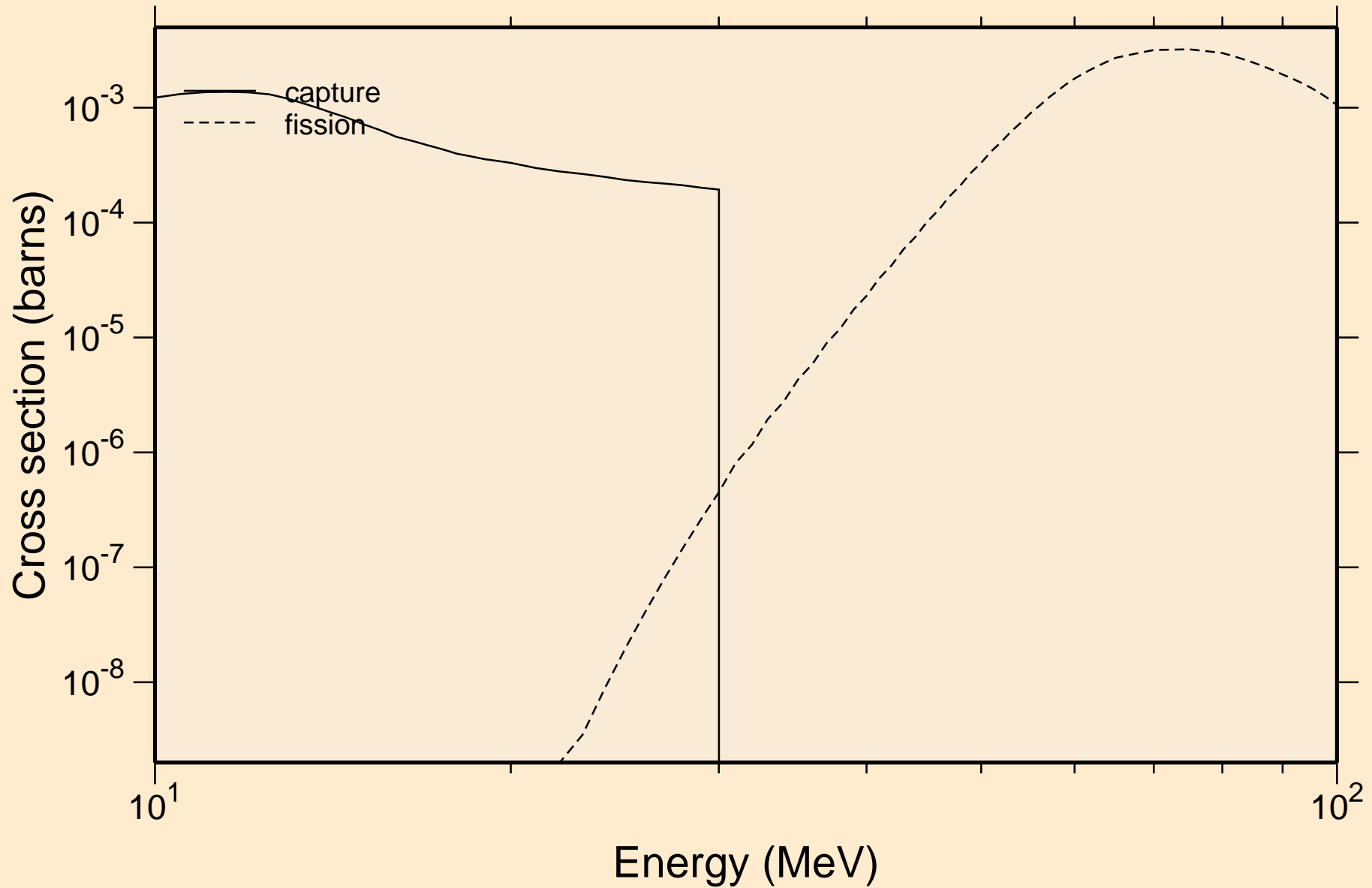
BI220 NRG TENDL-2015, AKONING  
resonance absorption cross sections



# BI220 NRG TENDL-2015, AKONING resonance absorption cross sections

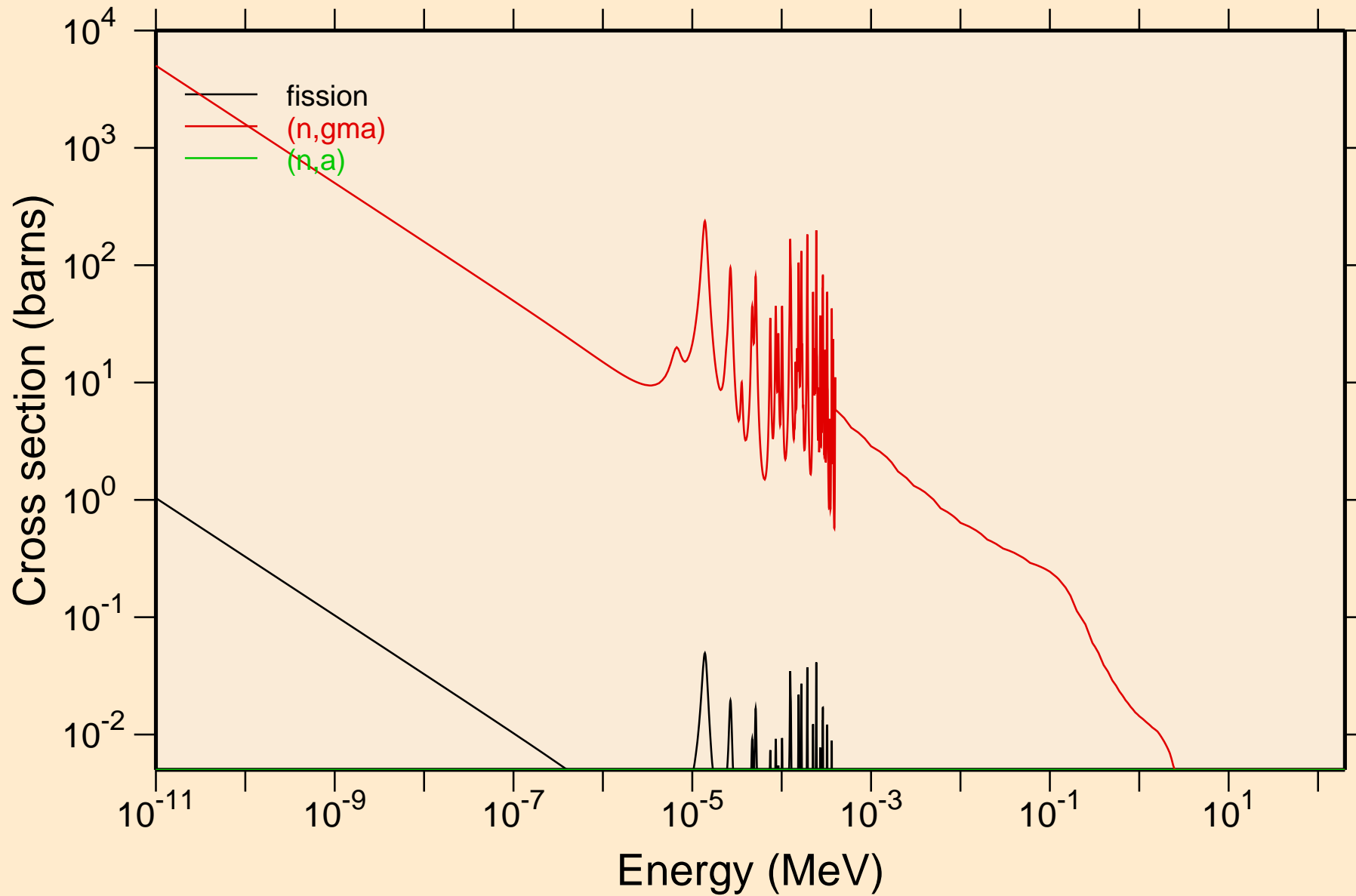


BI220 NRG TENDL-2015, AKONING  
resonance absorption cross sections



# BI220 NRG TENDL-2015, AKONING

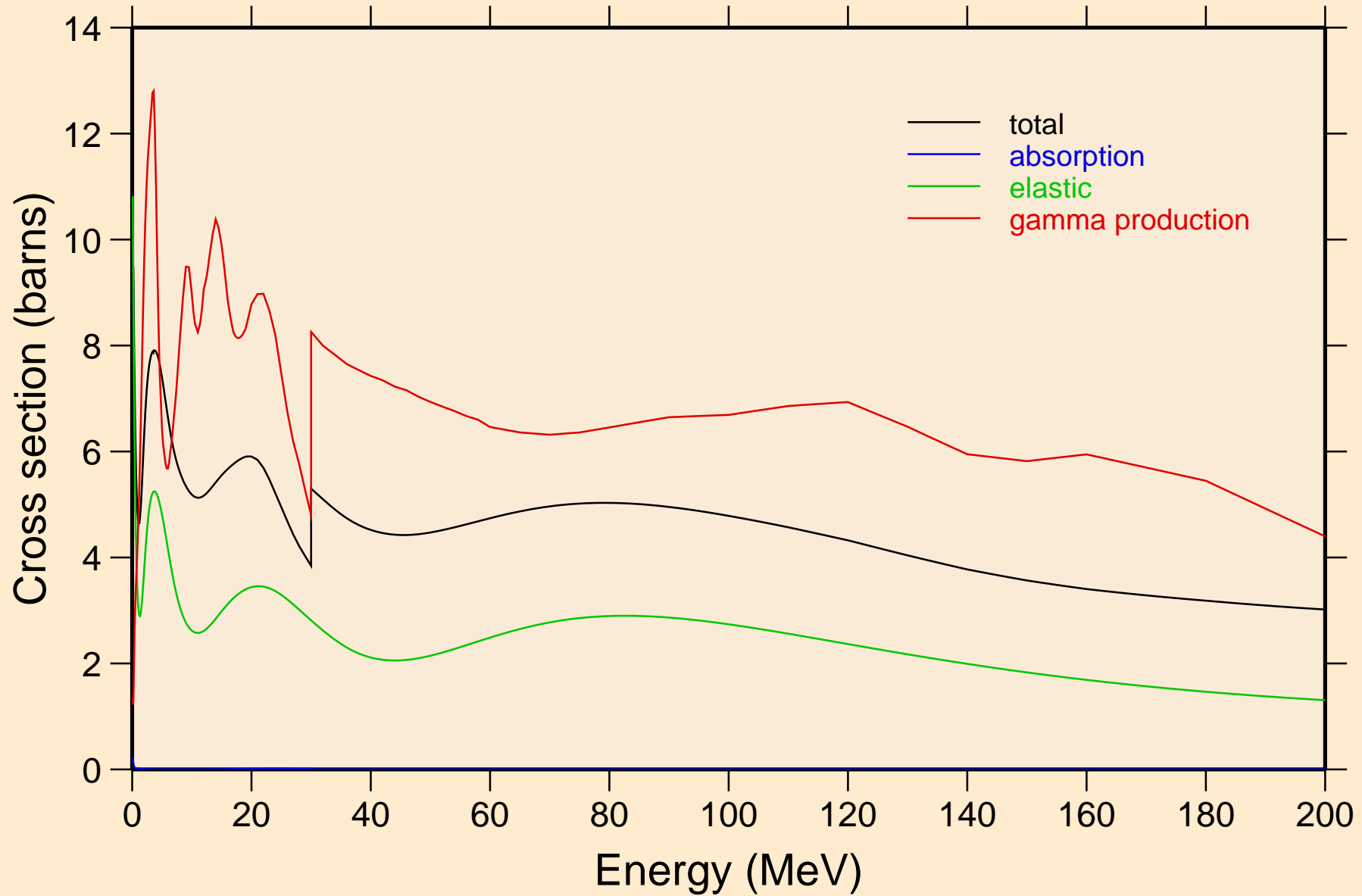
## Non-threshold reactions





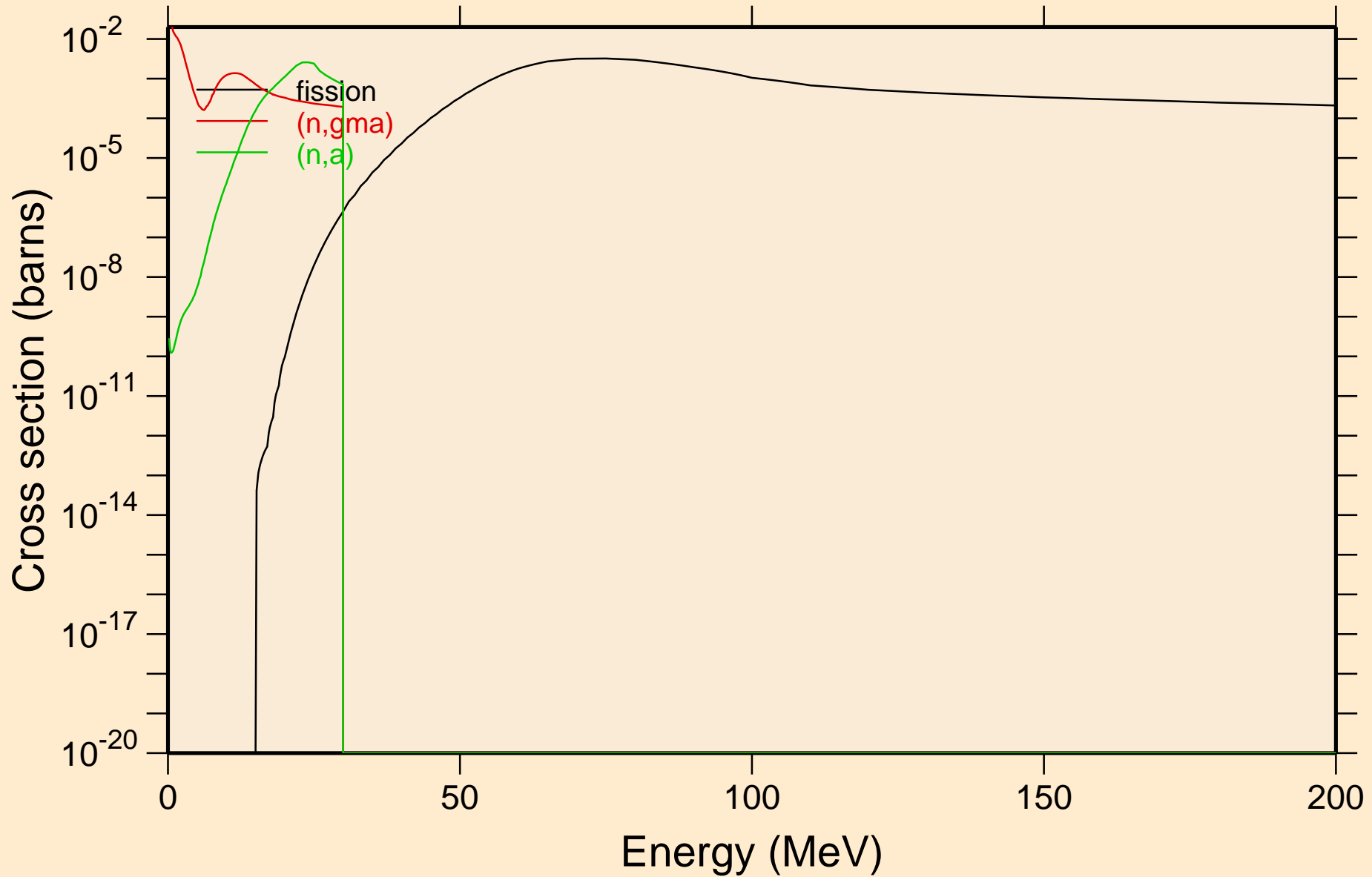
# BI220 NRG TENDL-2015, AKONING

## Principal cross sections

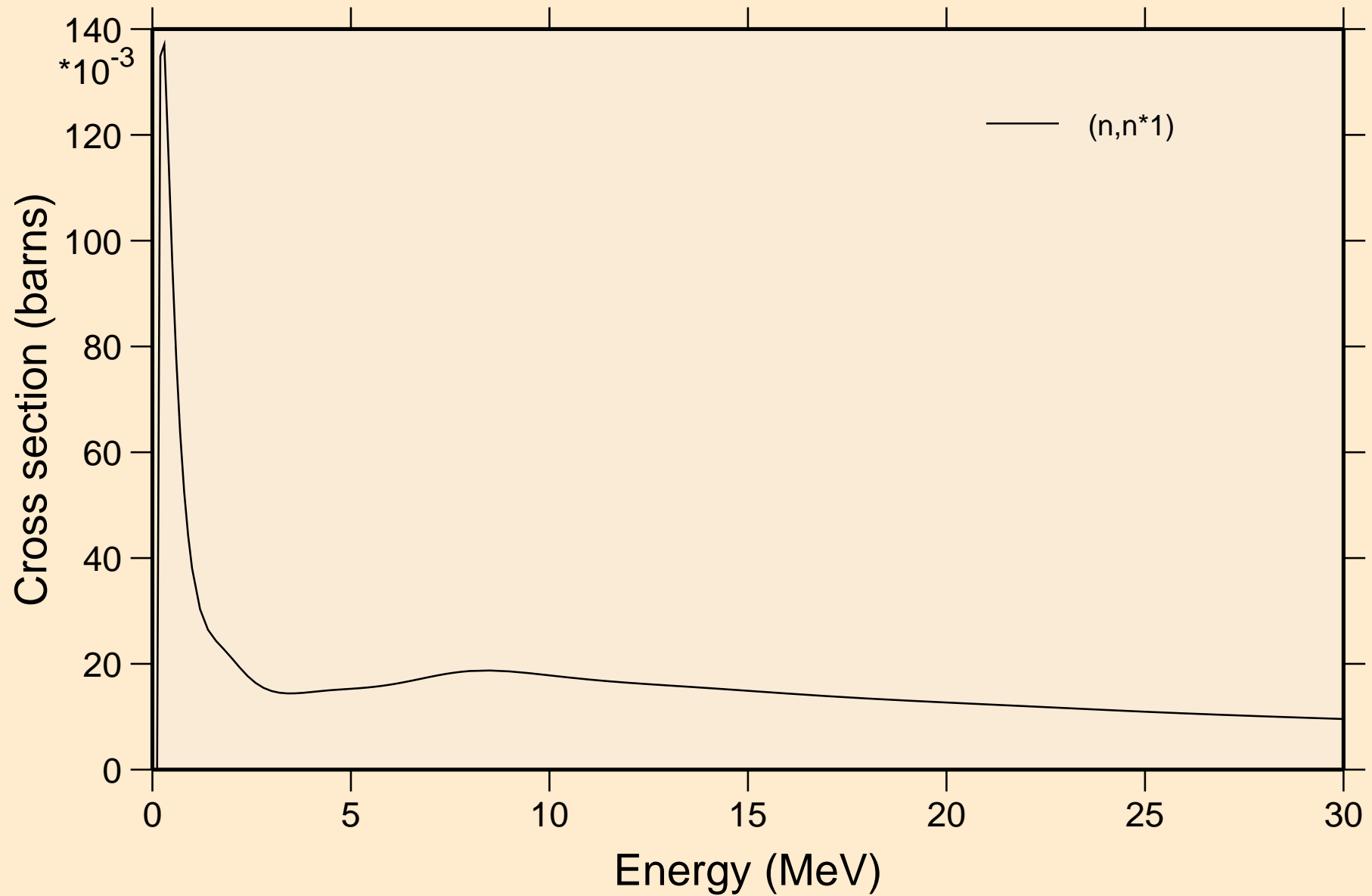


# BI220 NRG TENDL-2015, AKONING

## Non-threshold reactions

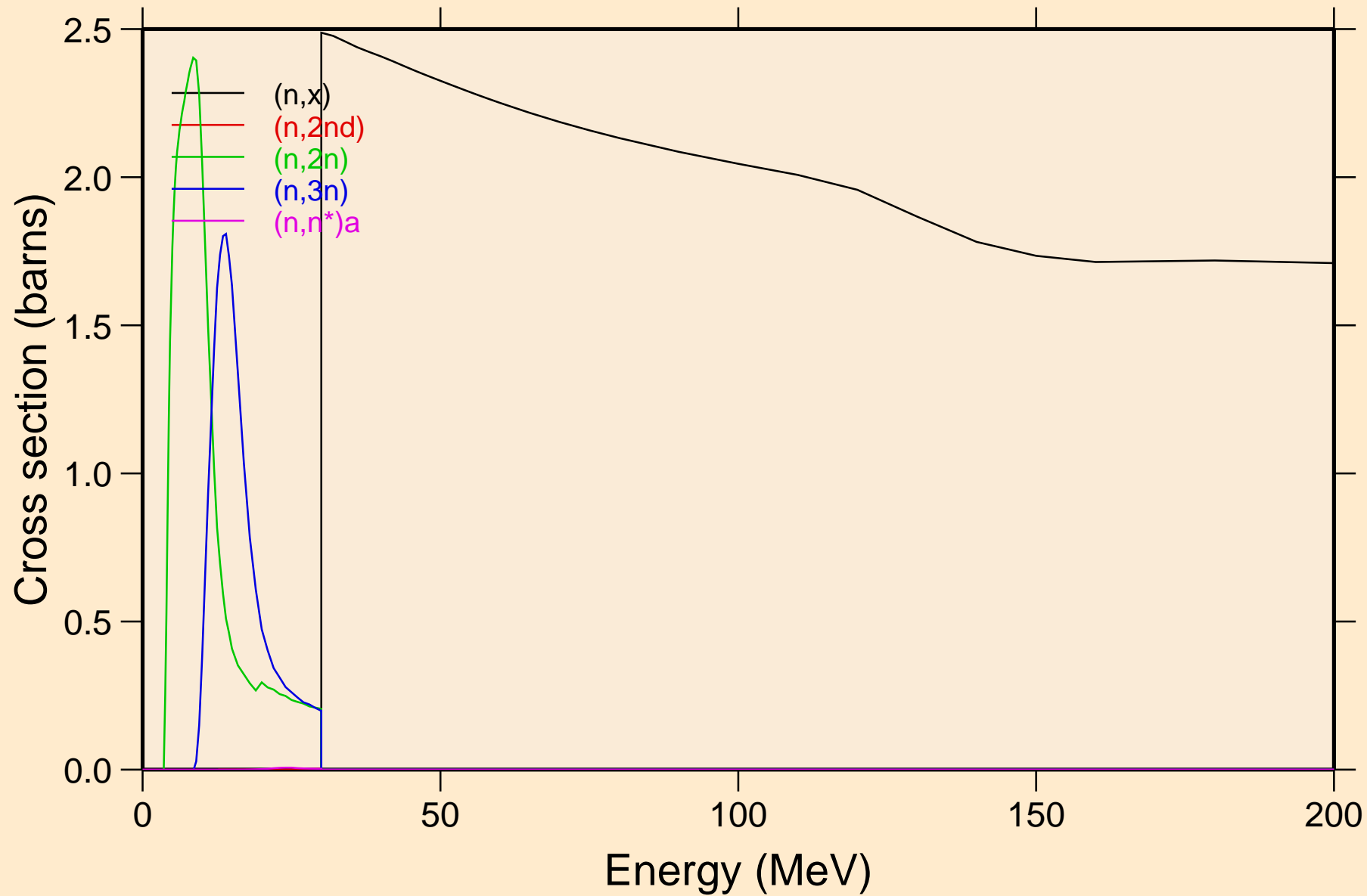


BI220 NRG TENDL-2015, AKONING  
Inelastic levels



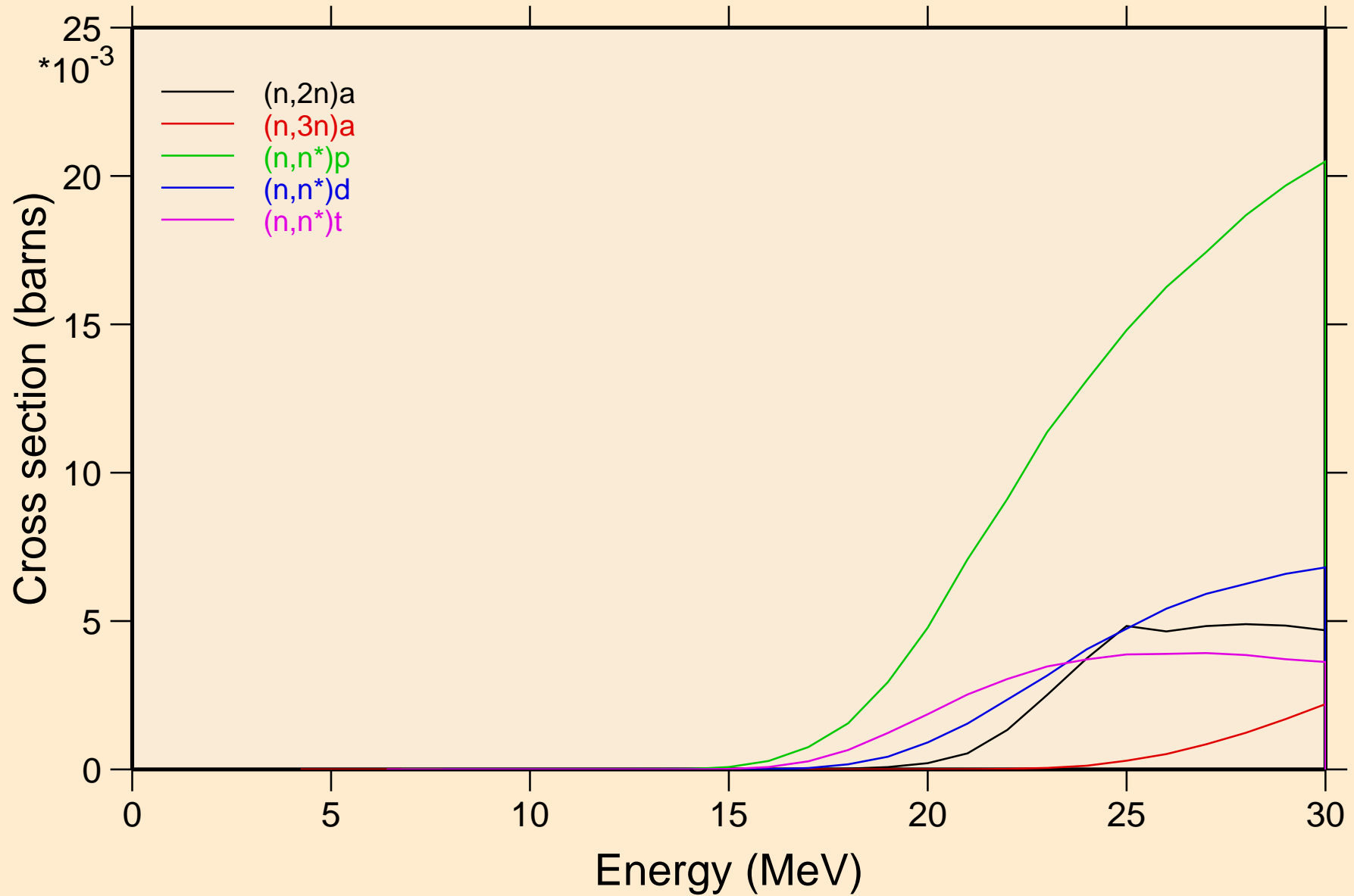
# BI220 NRG TENDL-2015, AKONING

## Threshold reactions



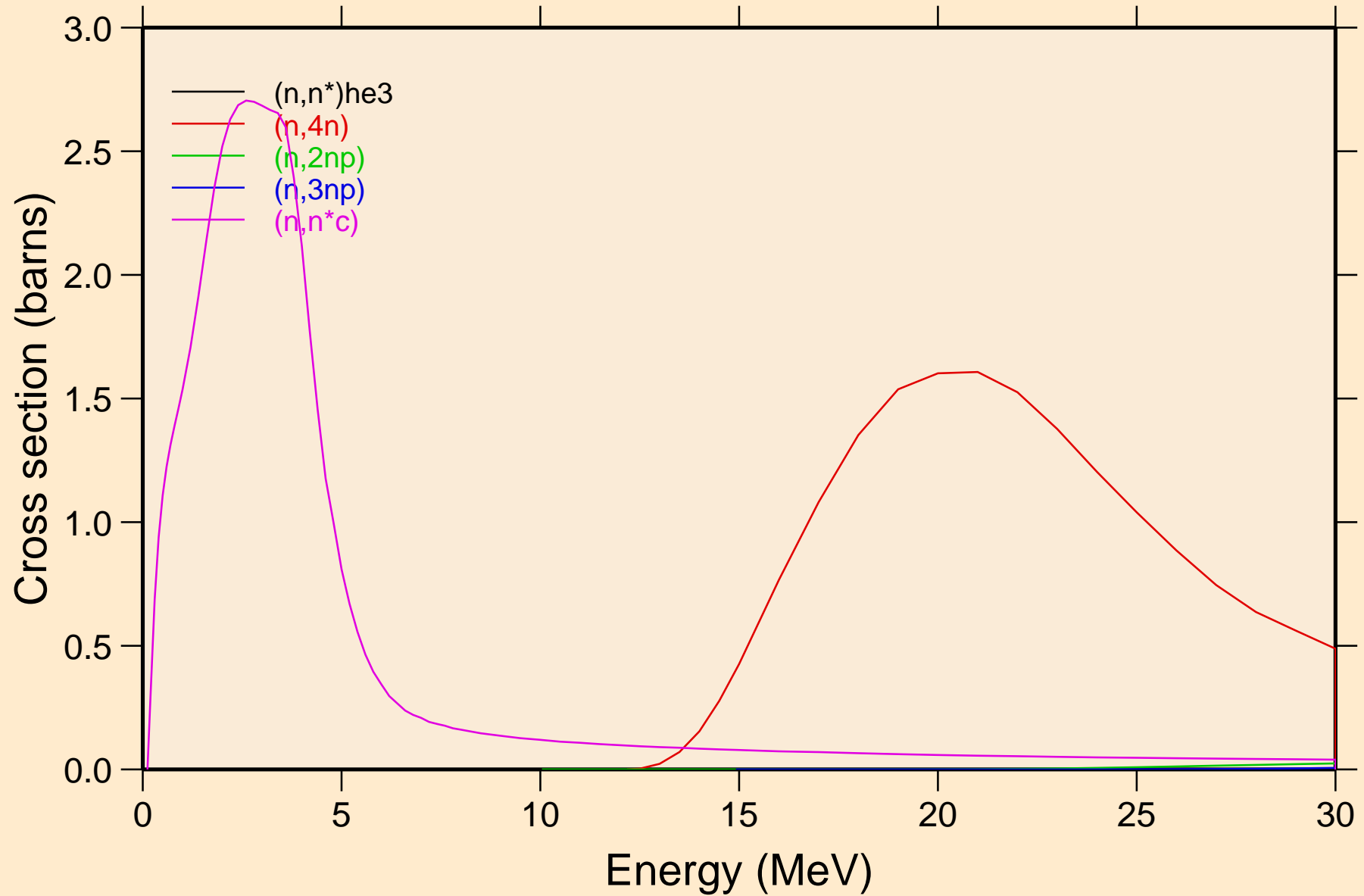
# BI220 NRG TENDL-2015, AKONING

## Threshold reactions



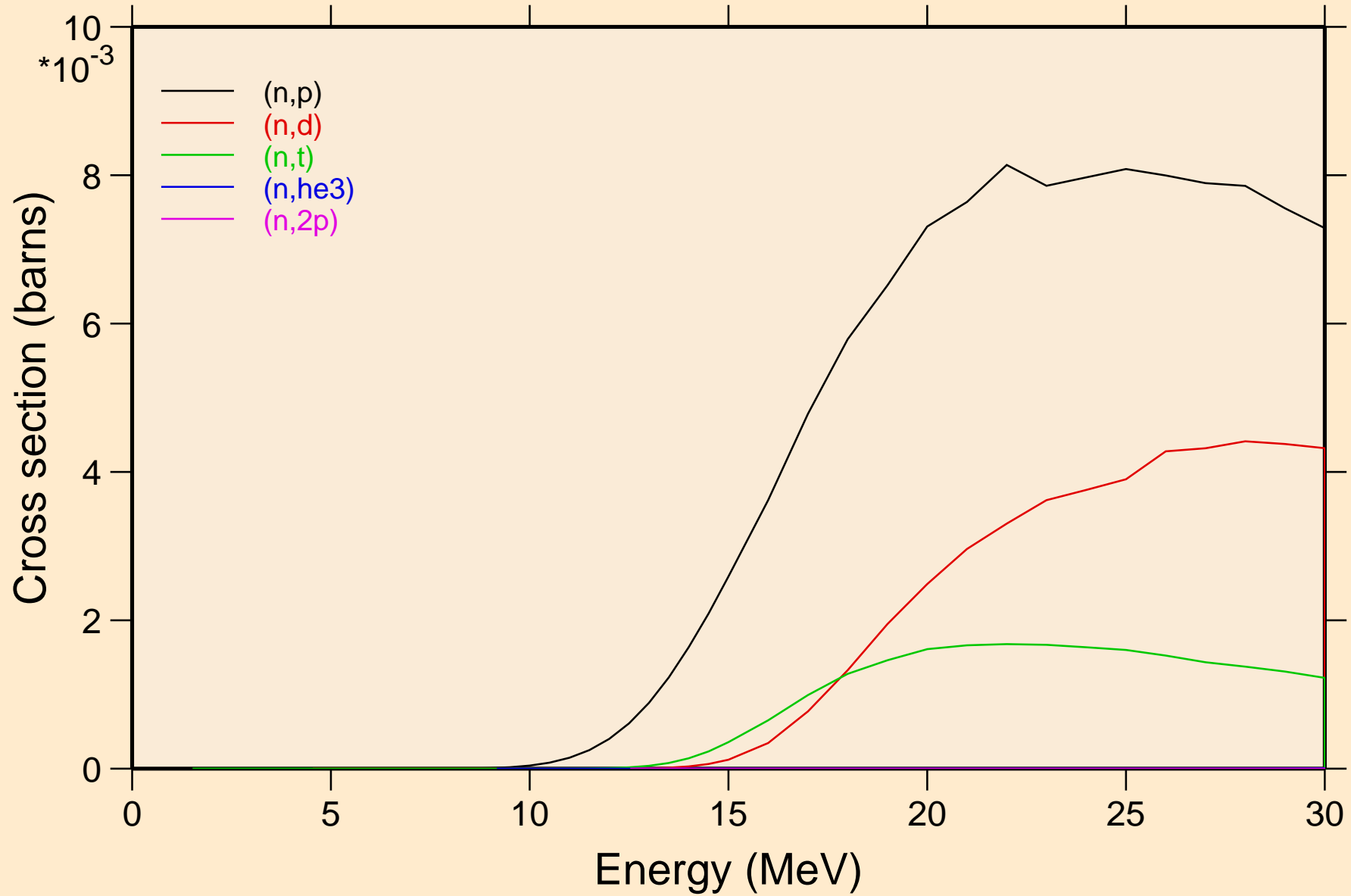
# BI220 NRG TENDL-2015, AKONING

## Threshold reactions

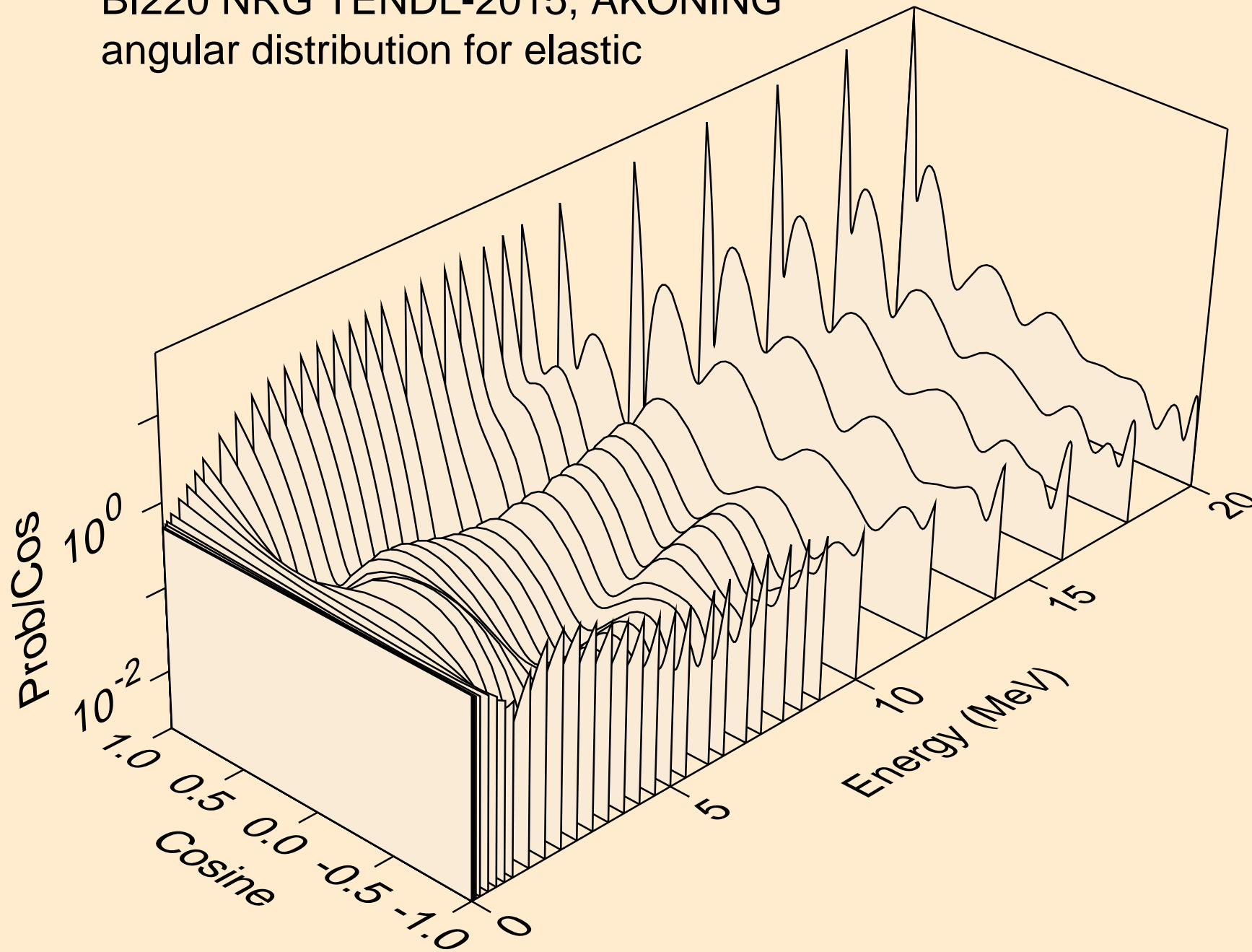


# BI220 NRG TENDL-2015, AKONING

## Threshold reactions

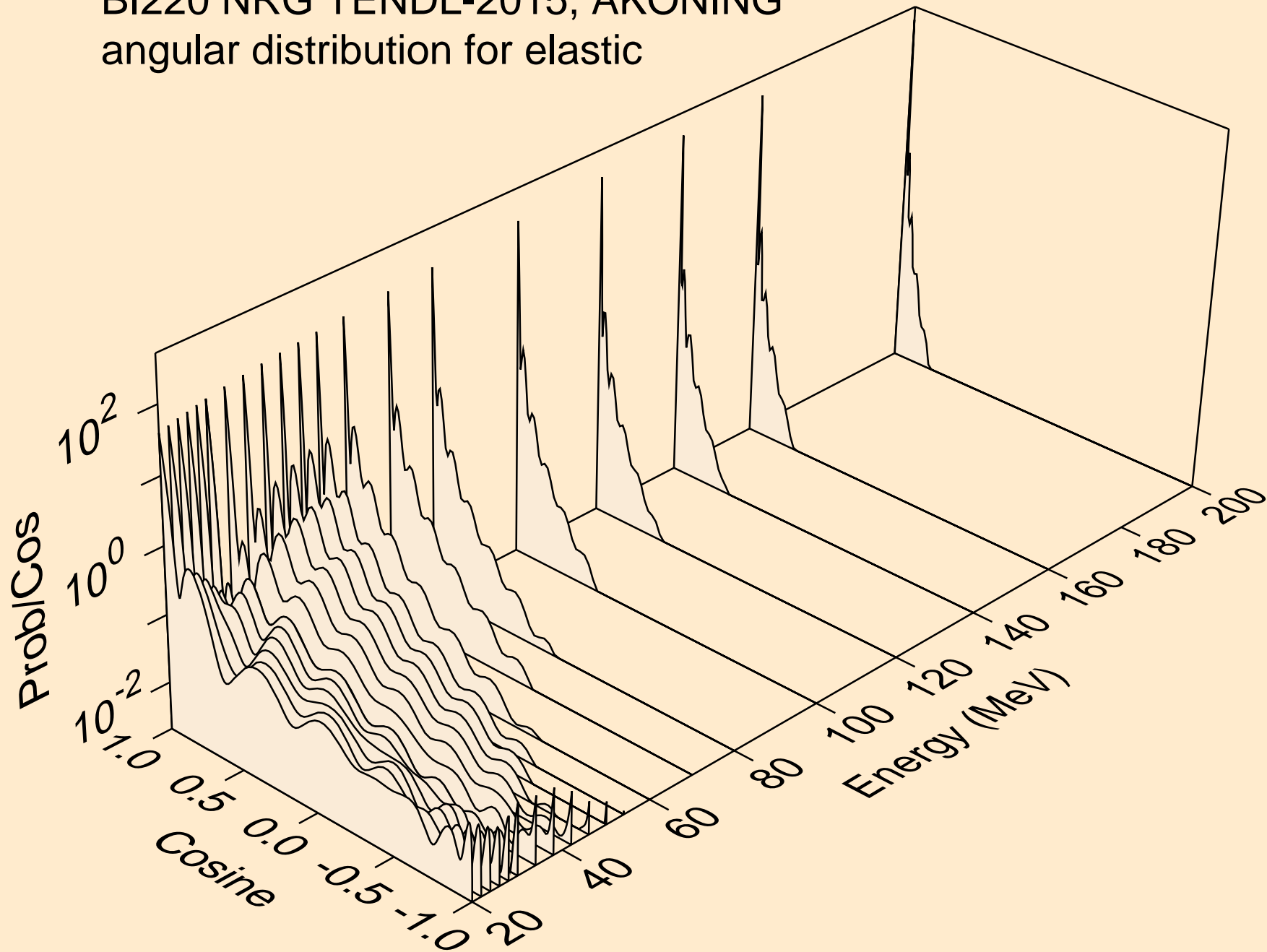


BI220 NRG TENDL-2015, AKONING  
angular distribution for elastic

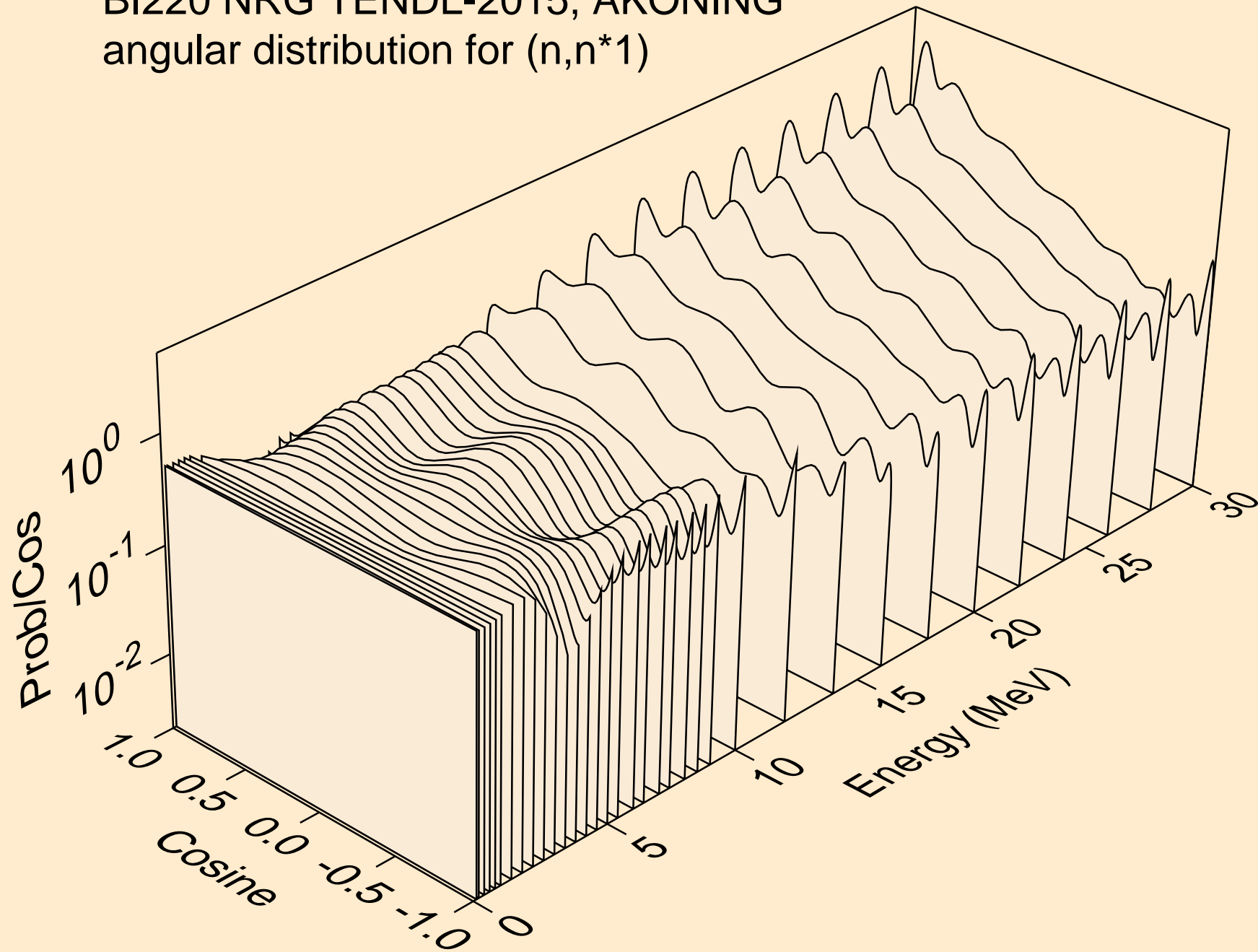




BI220 NRG TENDL-2015, AKONING  
angular distribution for elastic

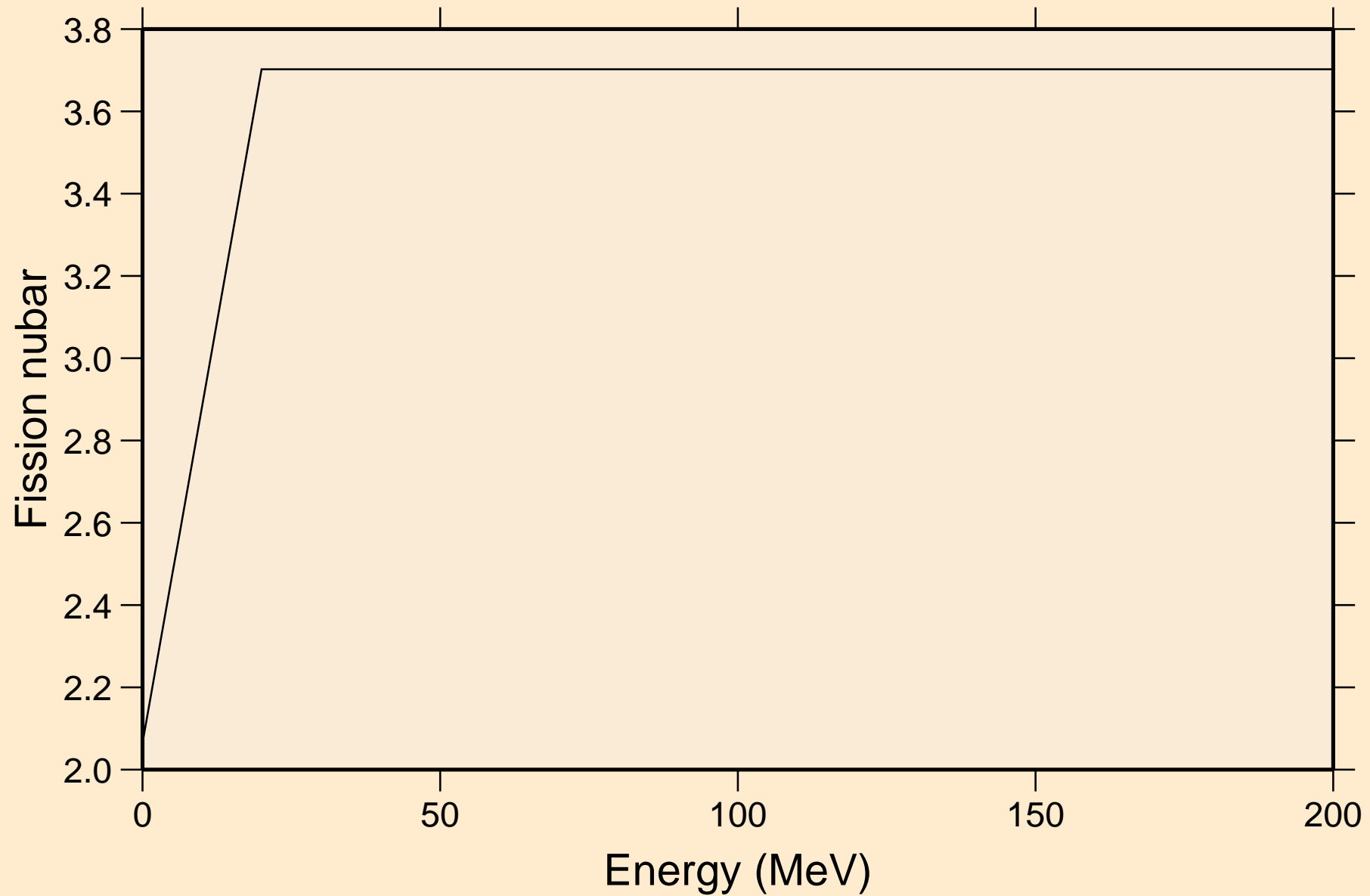


BI220 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)

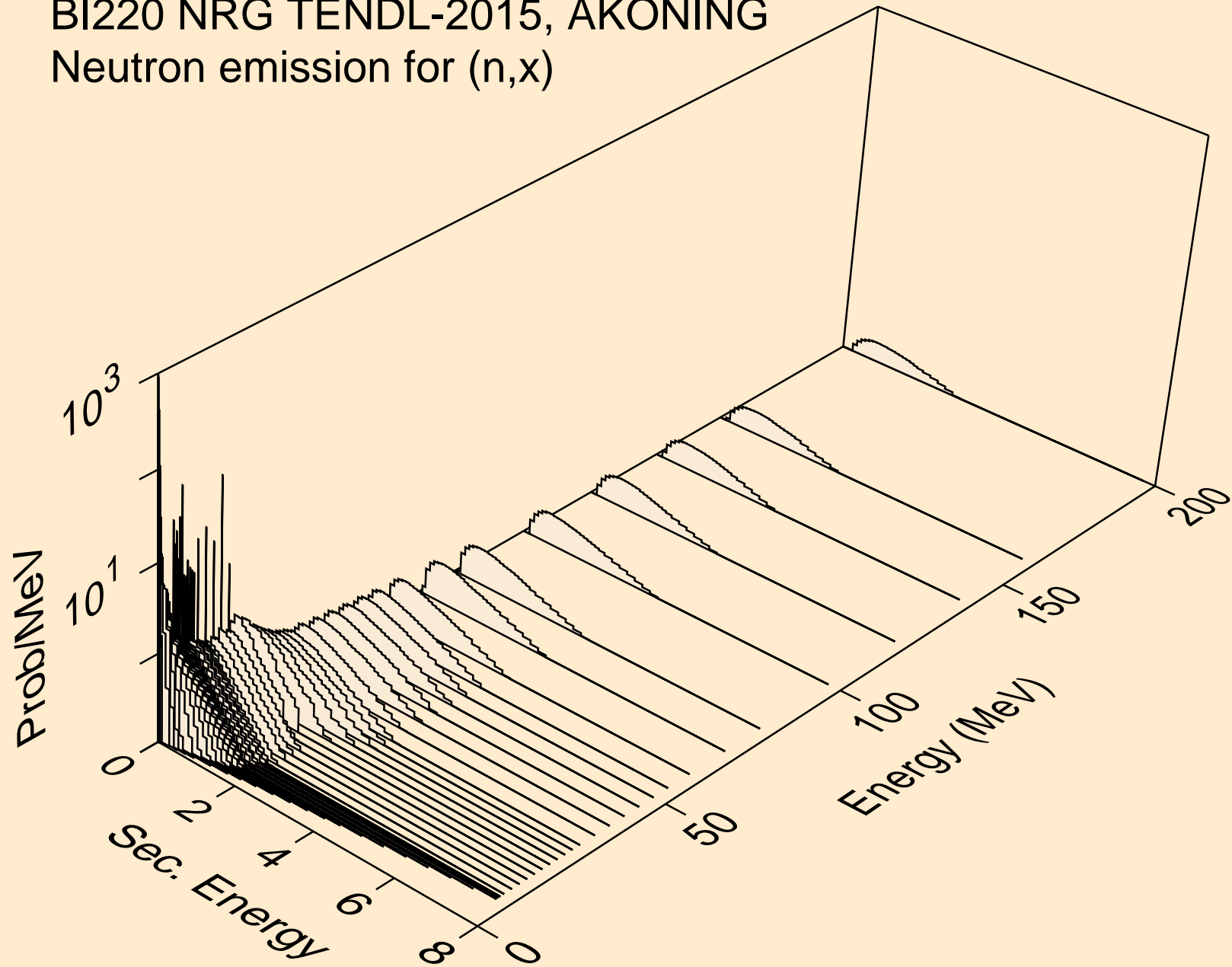


# BI220 NRG TENDL-2015, AKONING

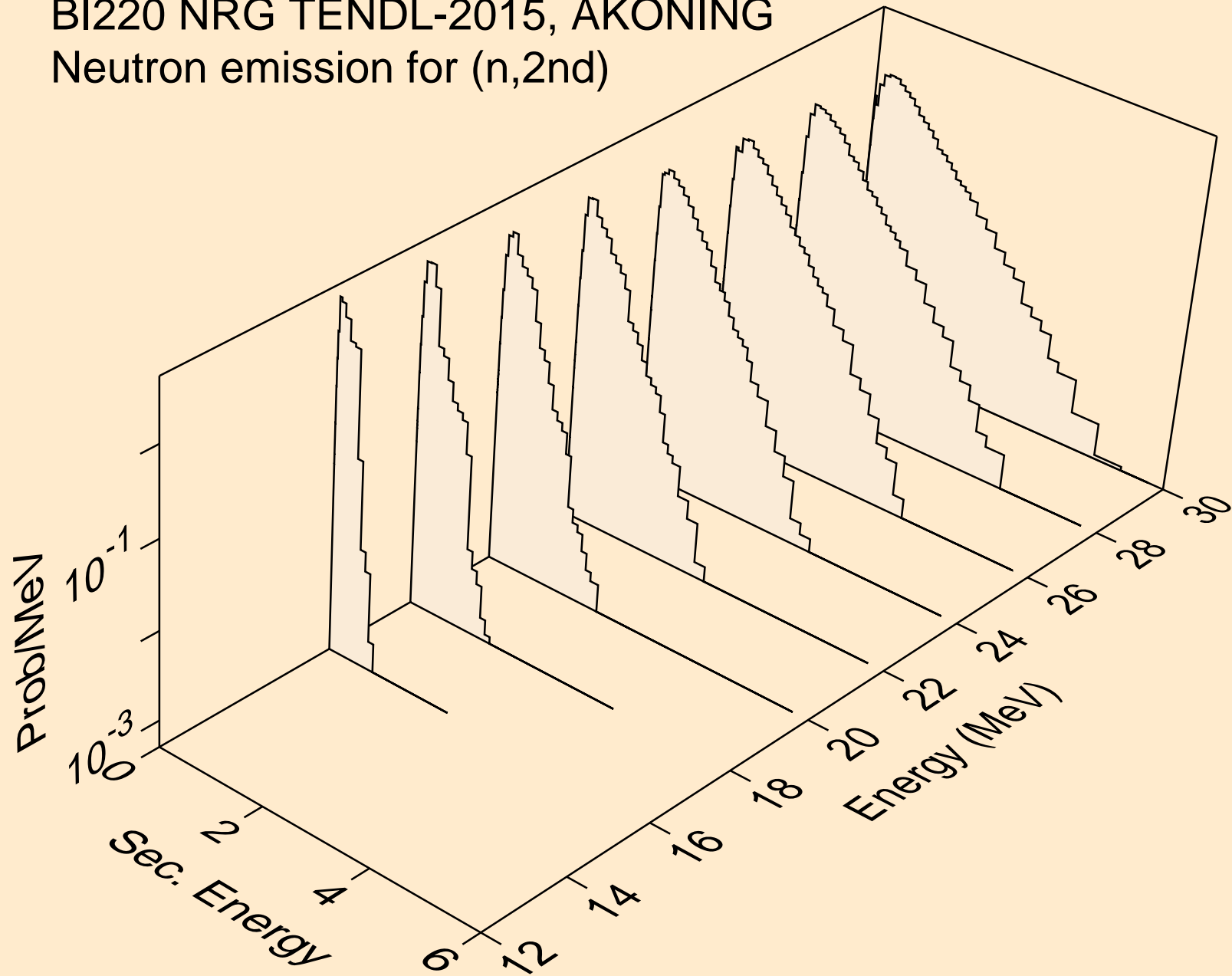
Total fission nubar



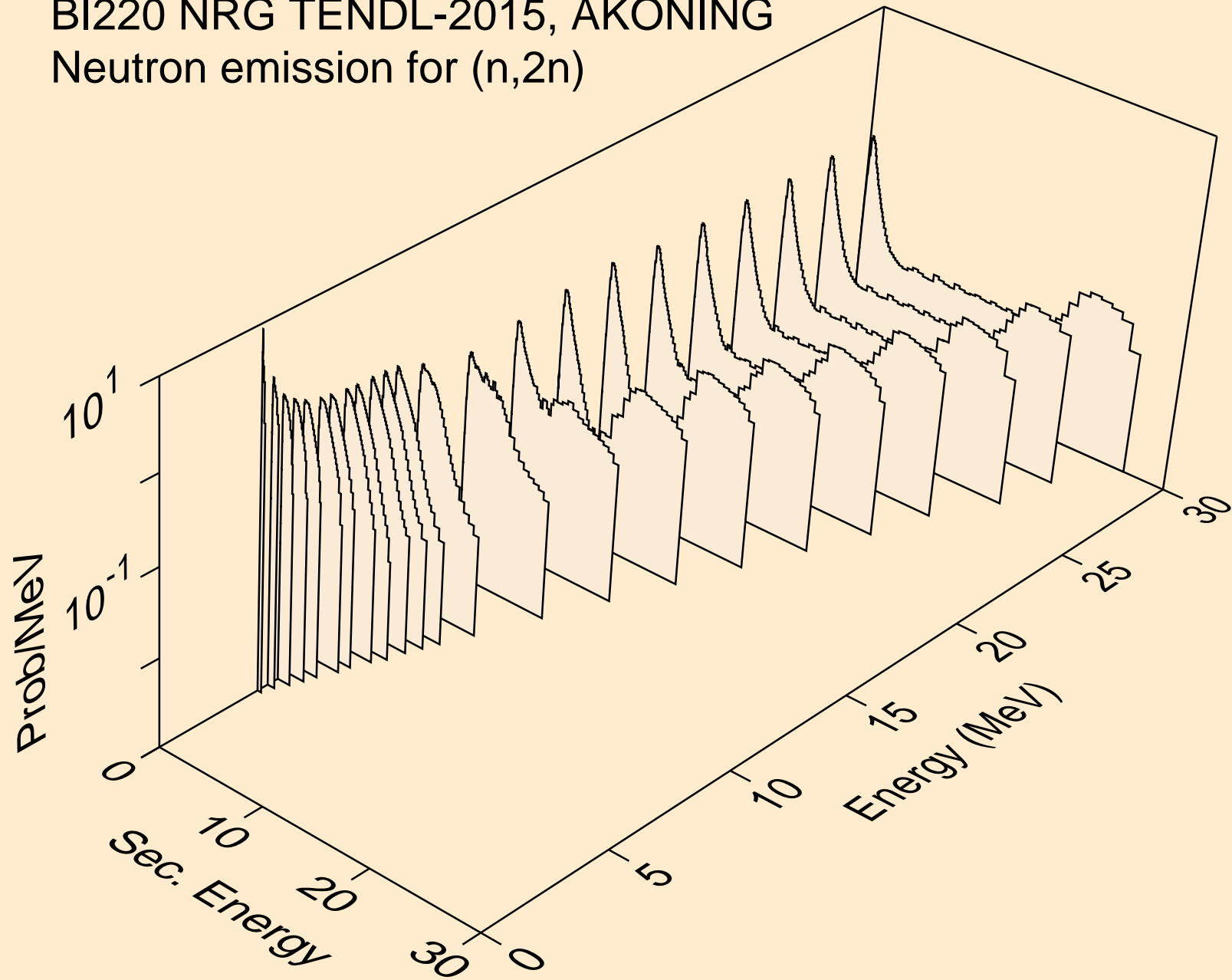
BI220 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



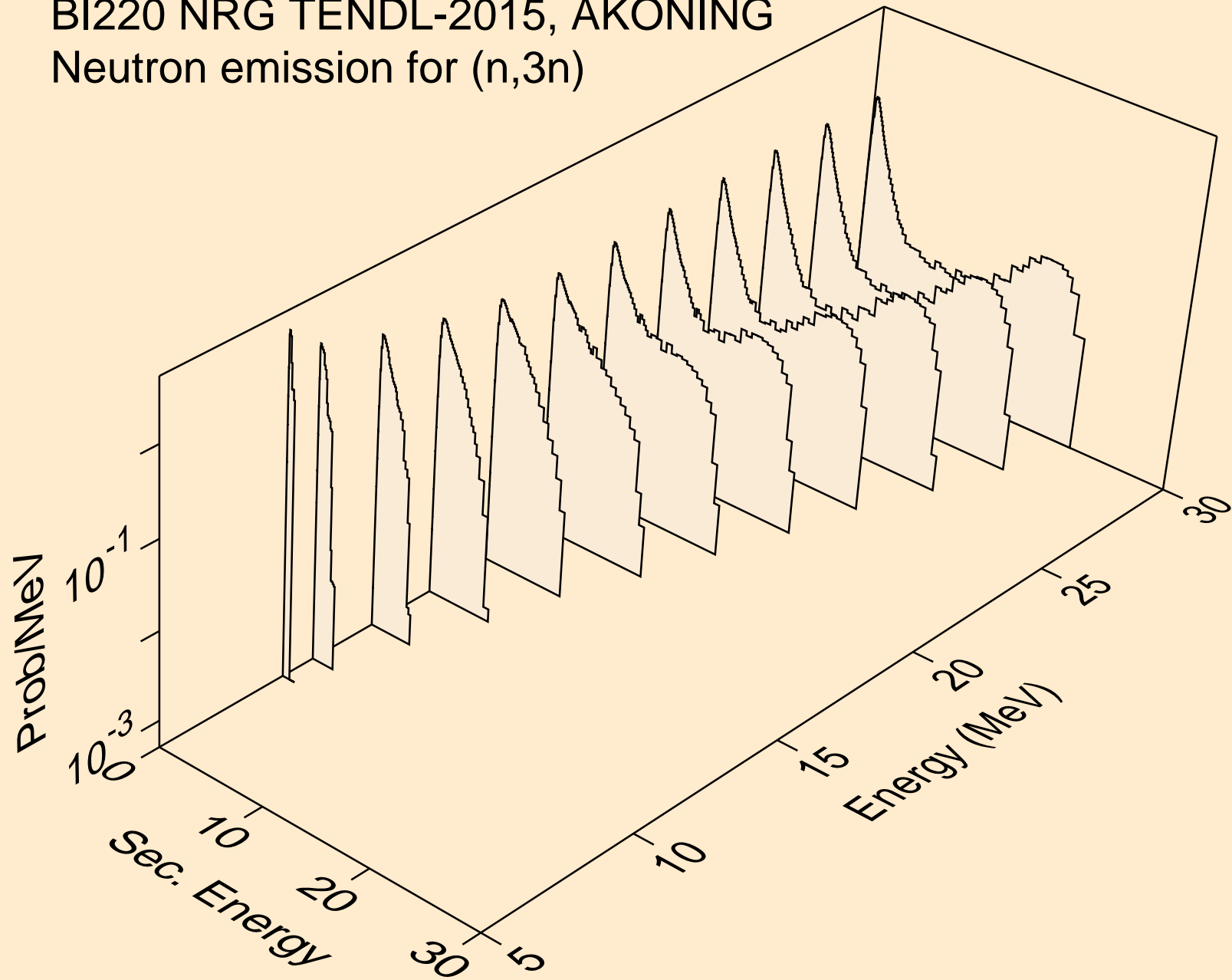
BI220 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



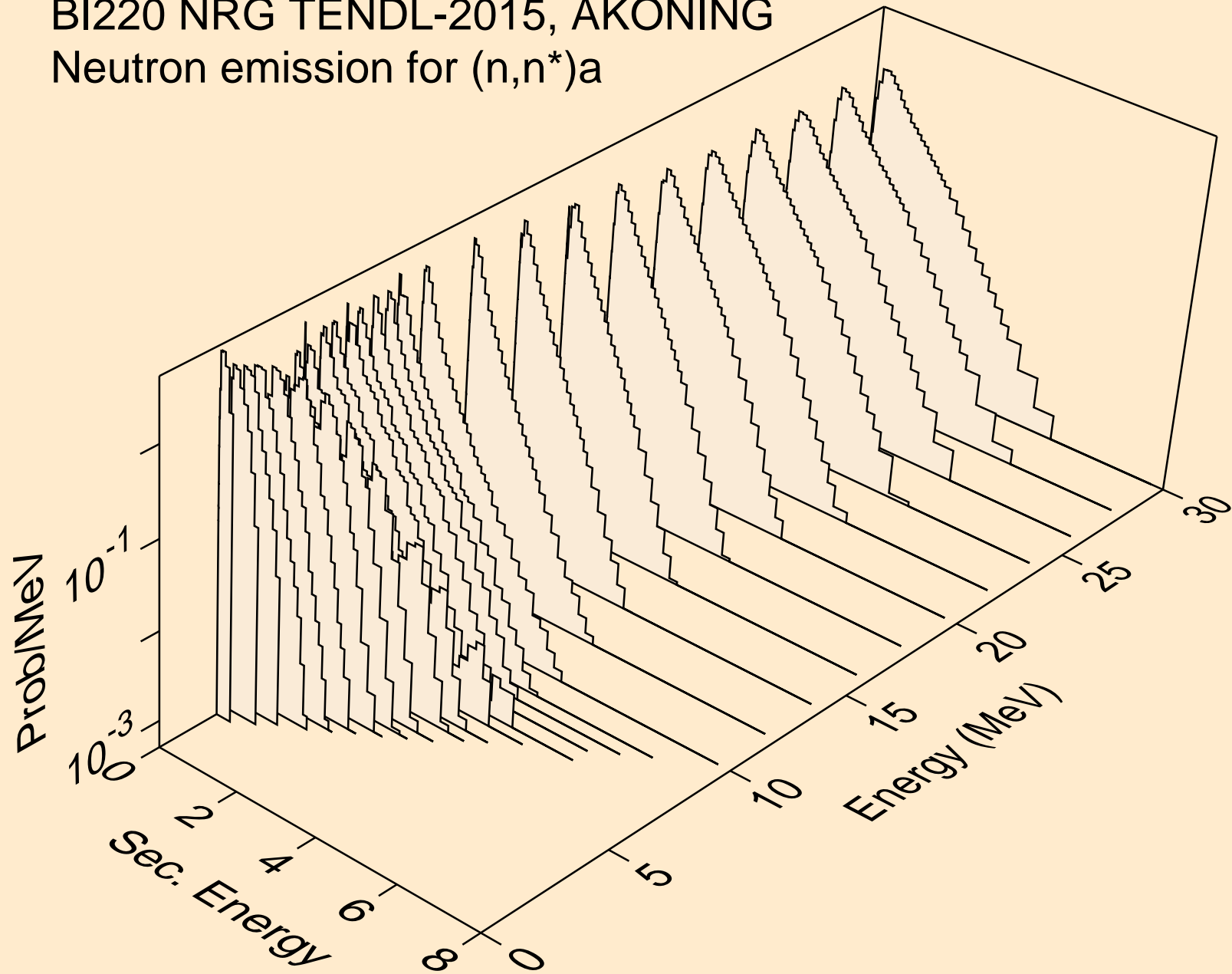
BI220 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



BI220 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)

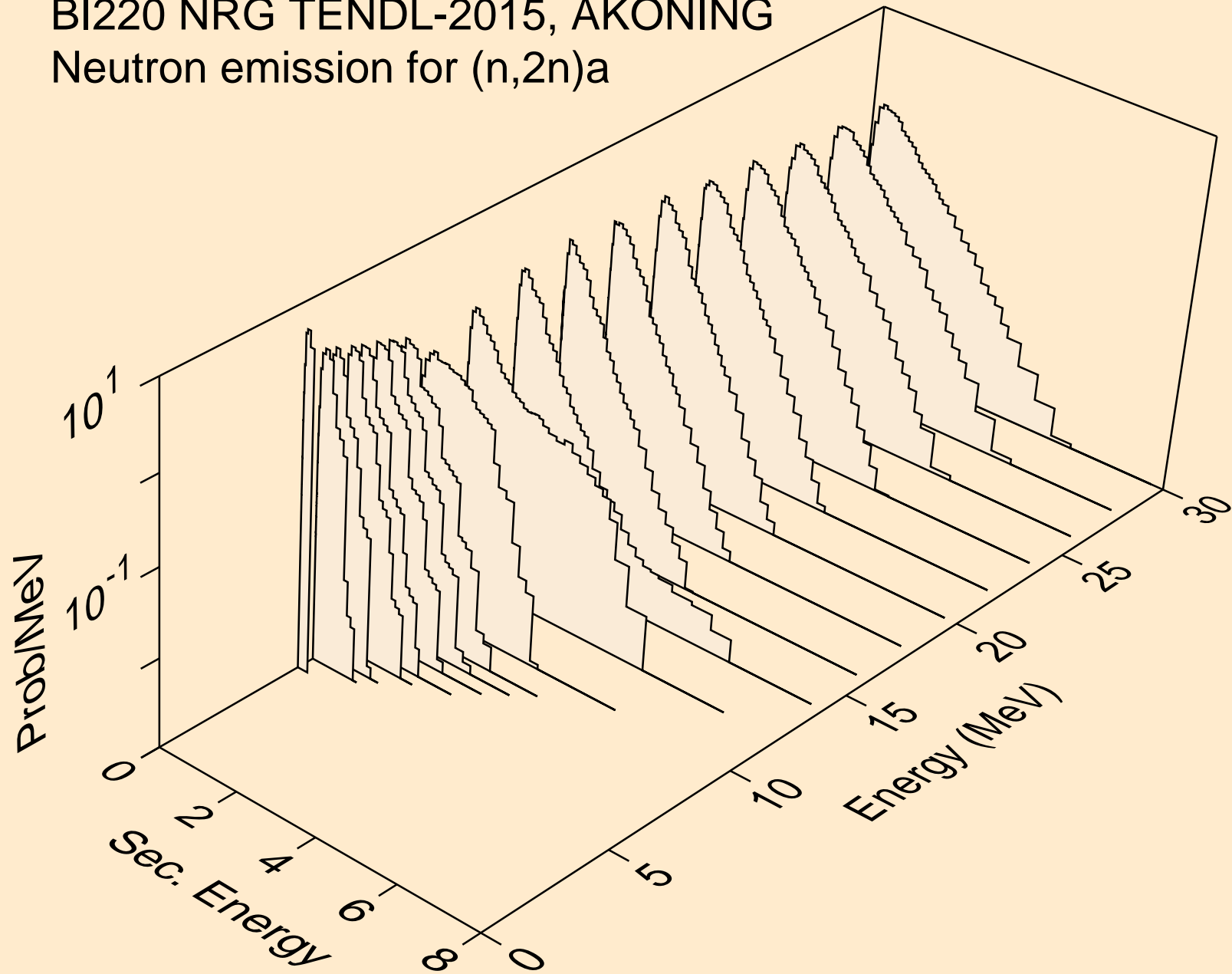


BI220 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a

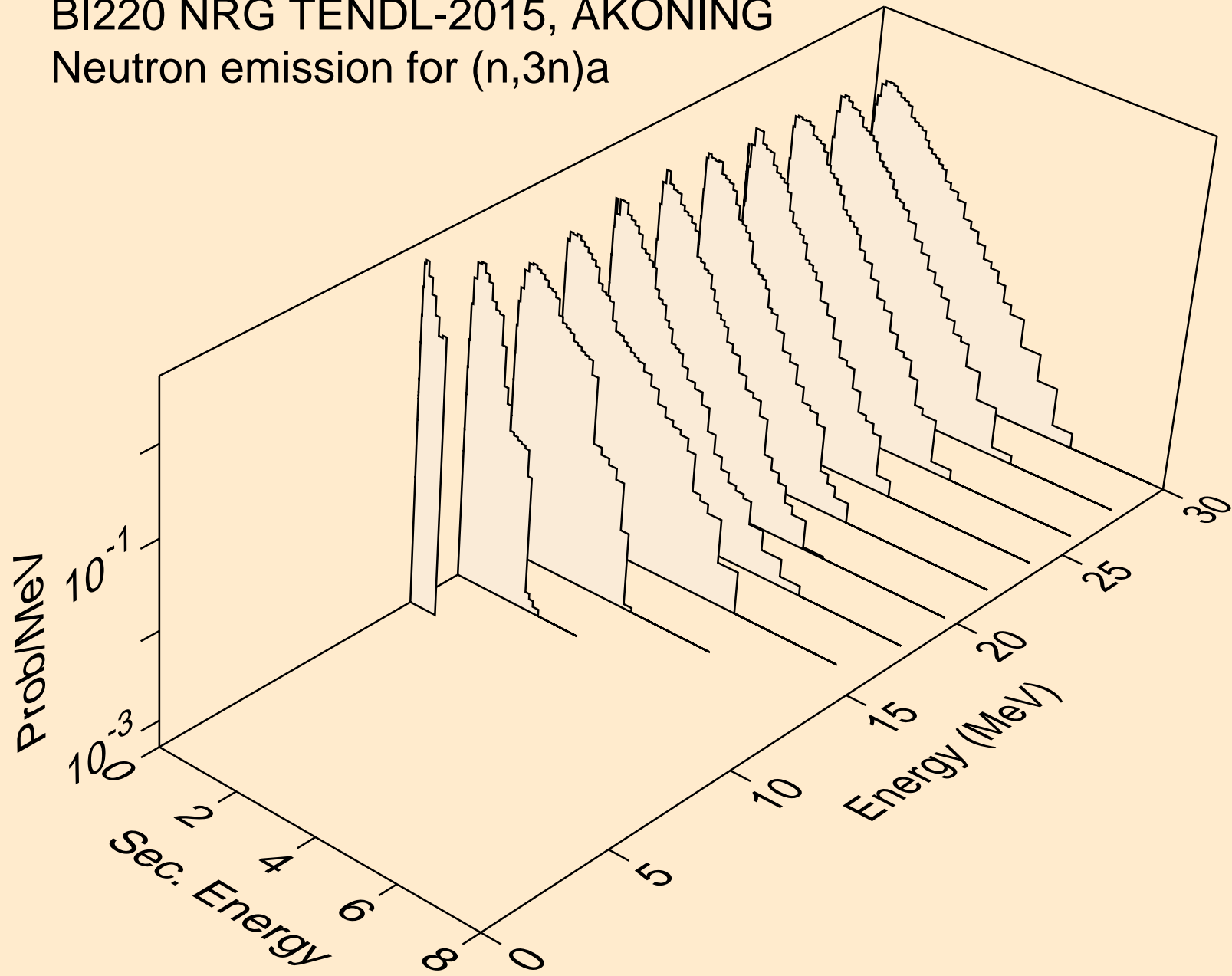




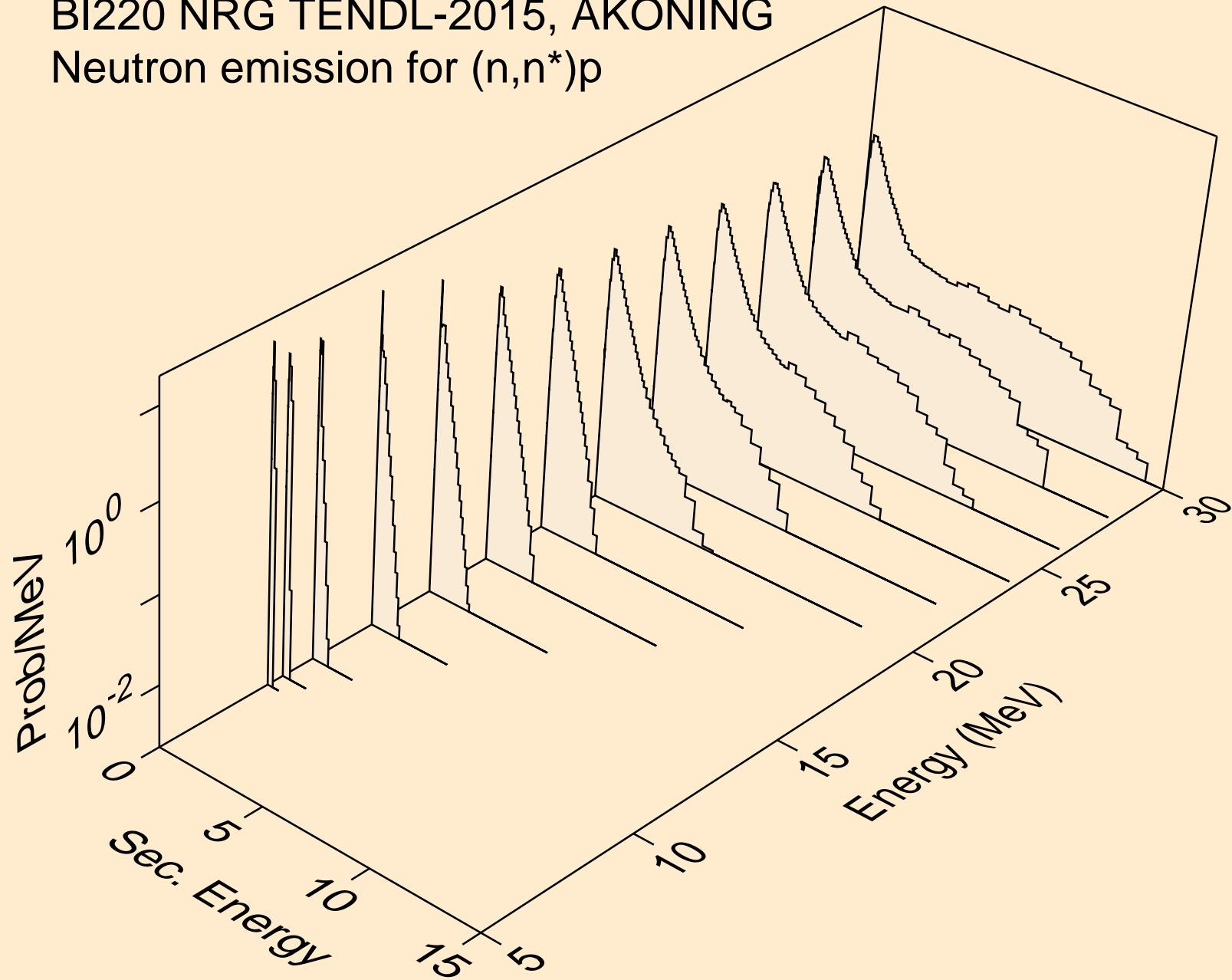
BI220 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



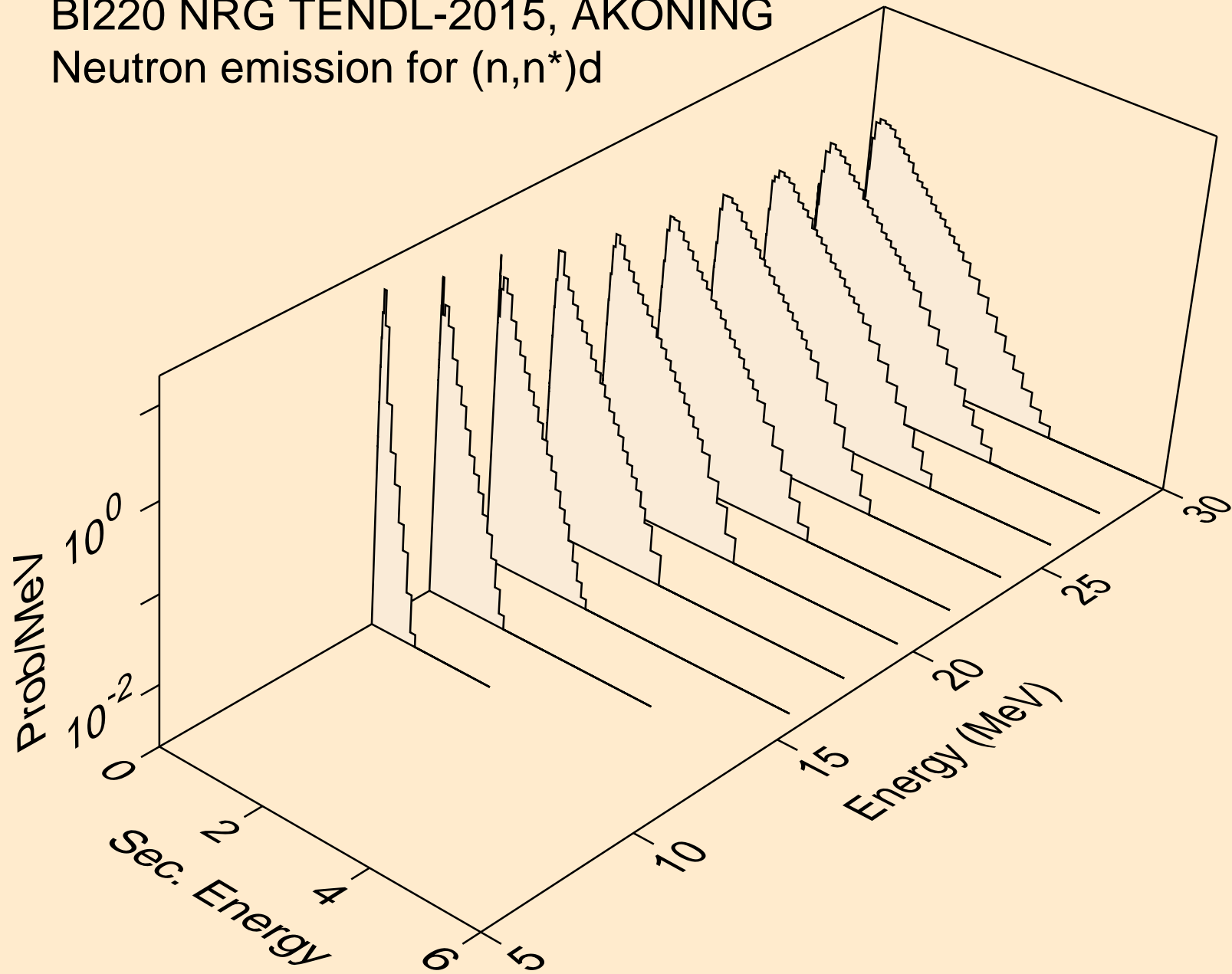
BI220 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



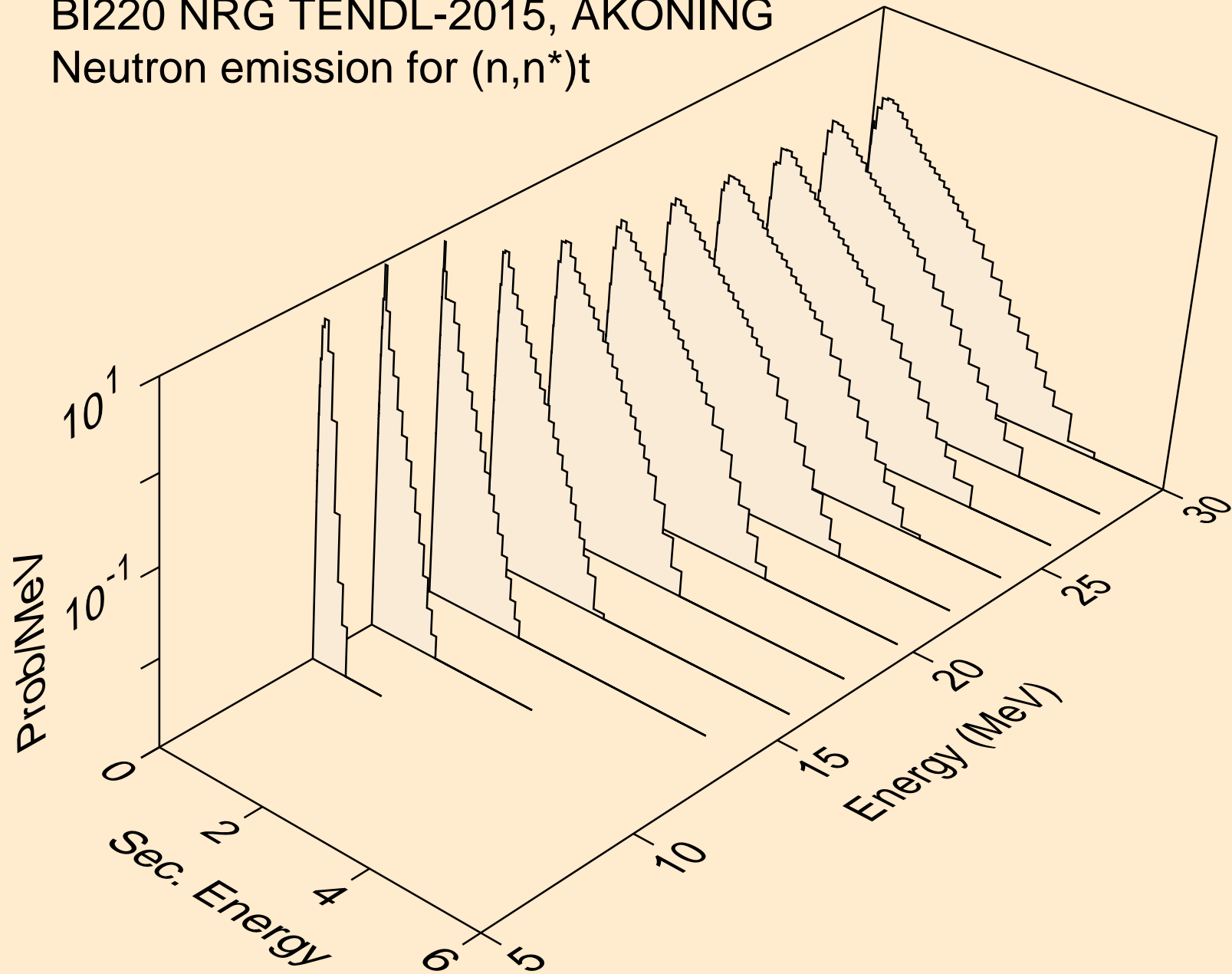
BI220 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



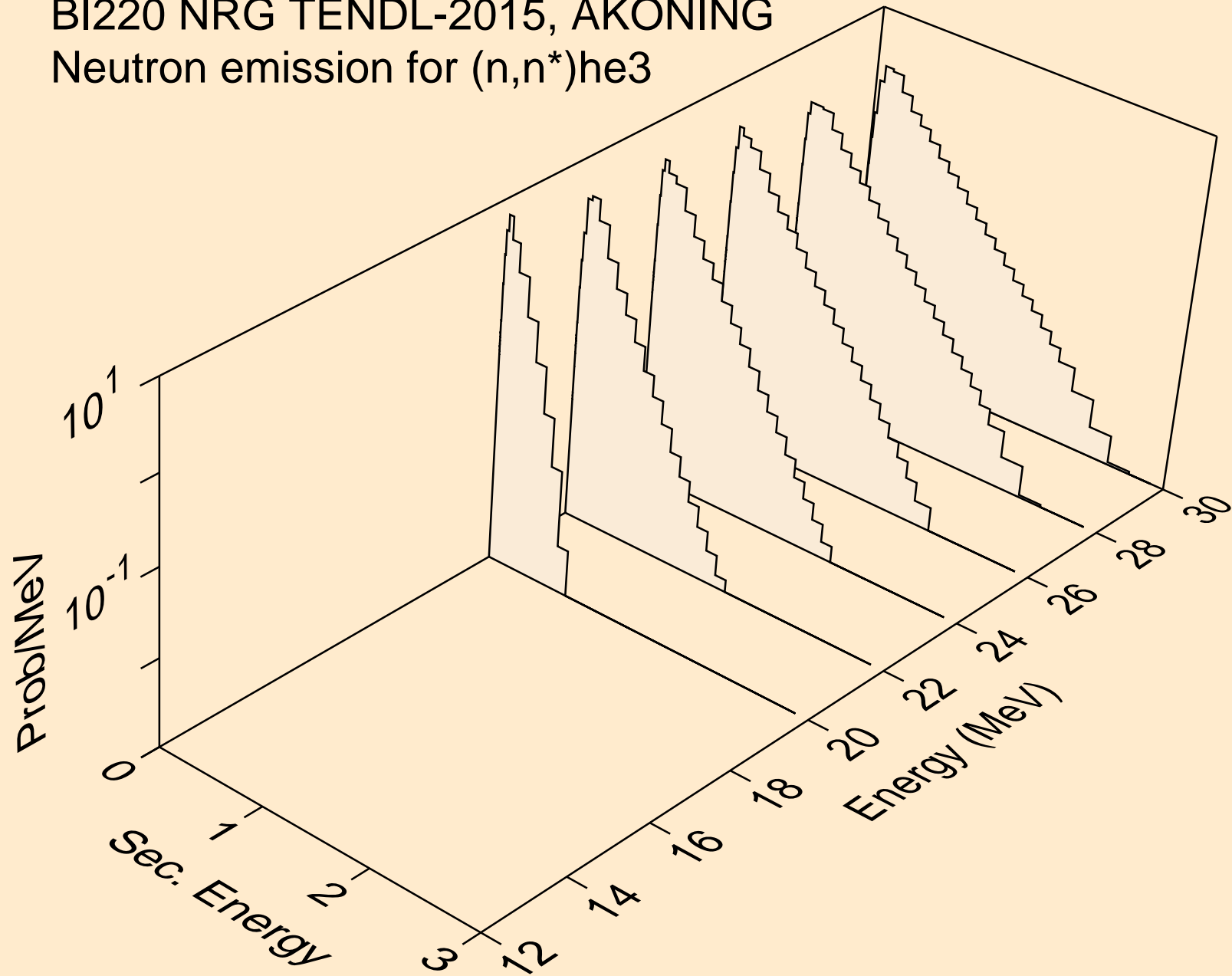
BI220 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



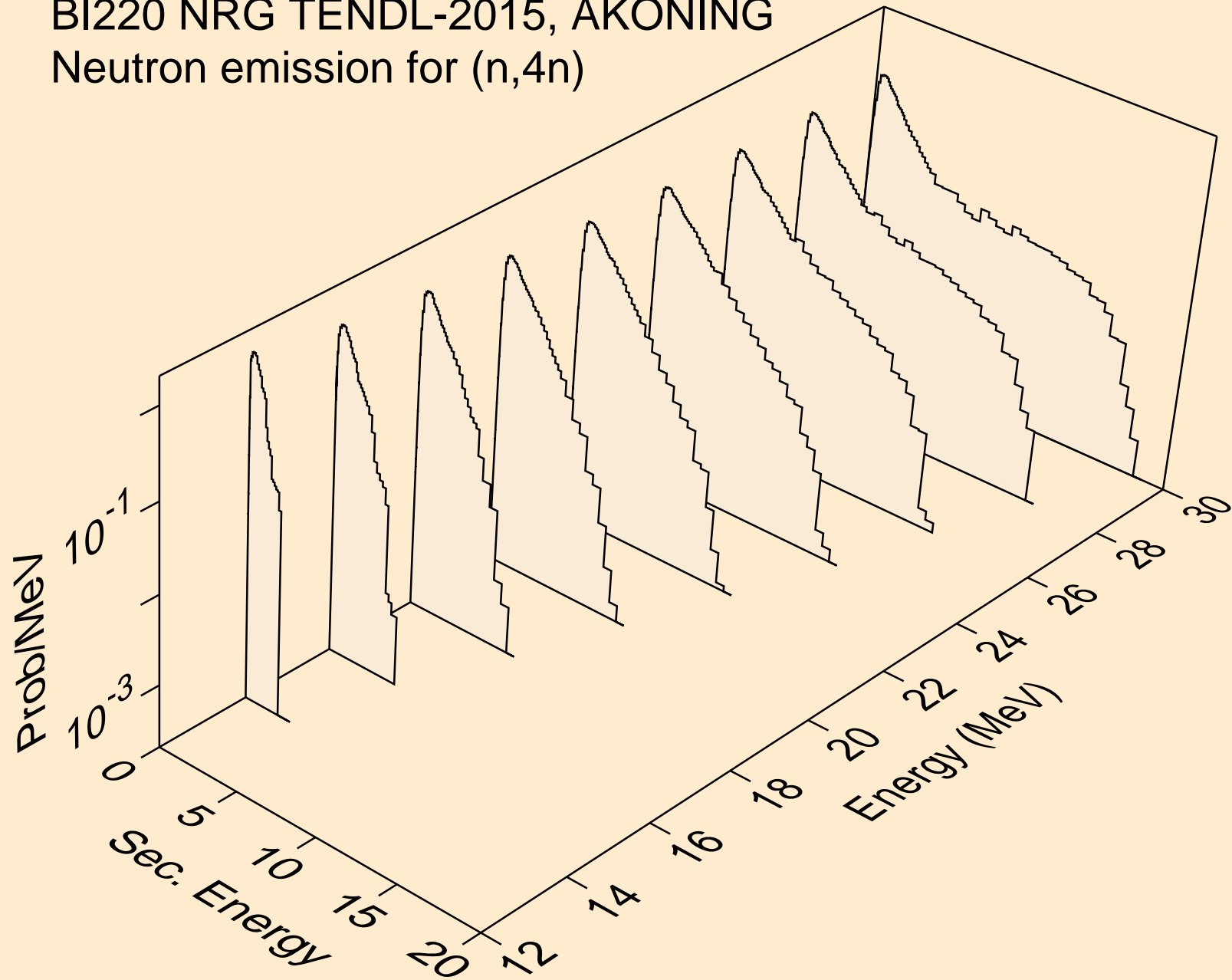
BI220 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



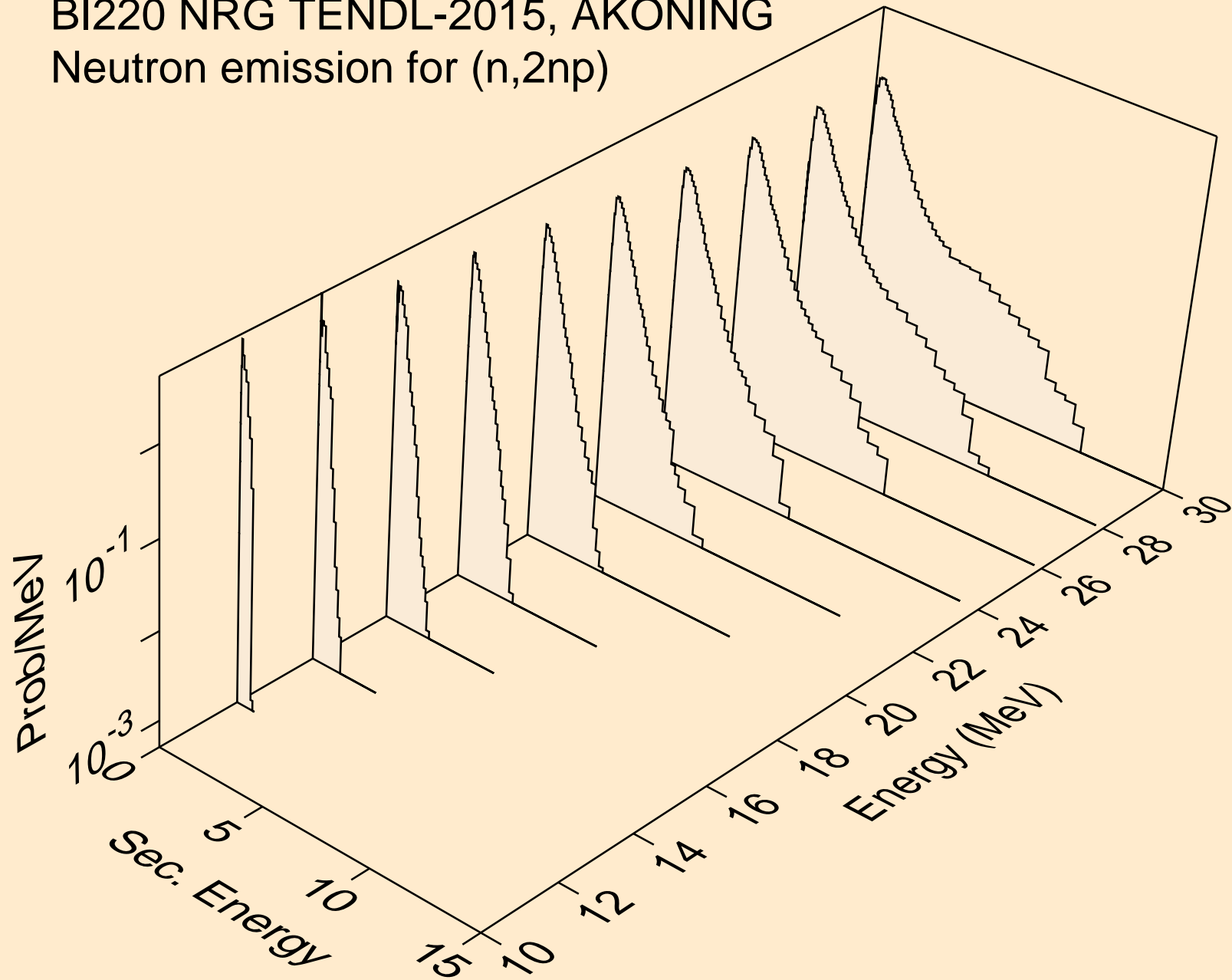
BI220 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



BI220 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)

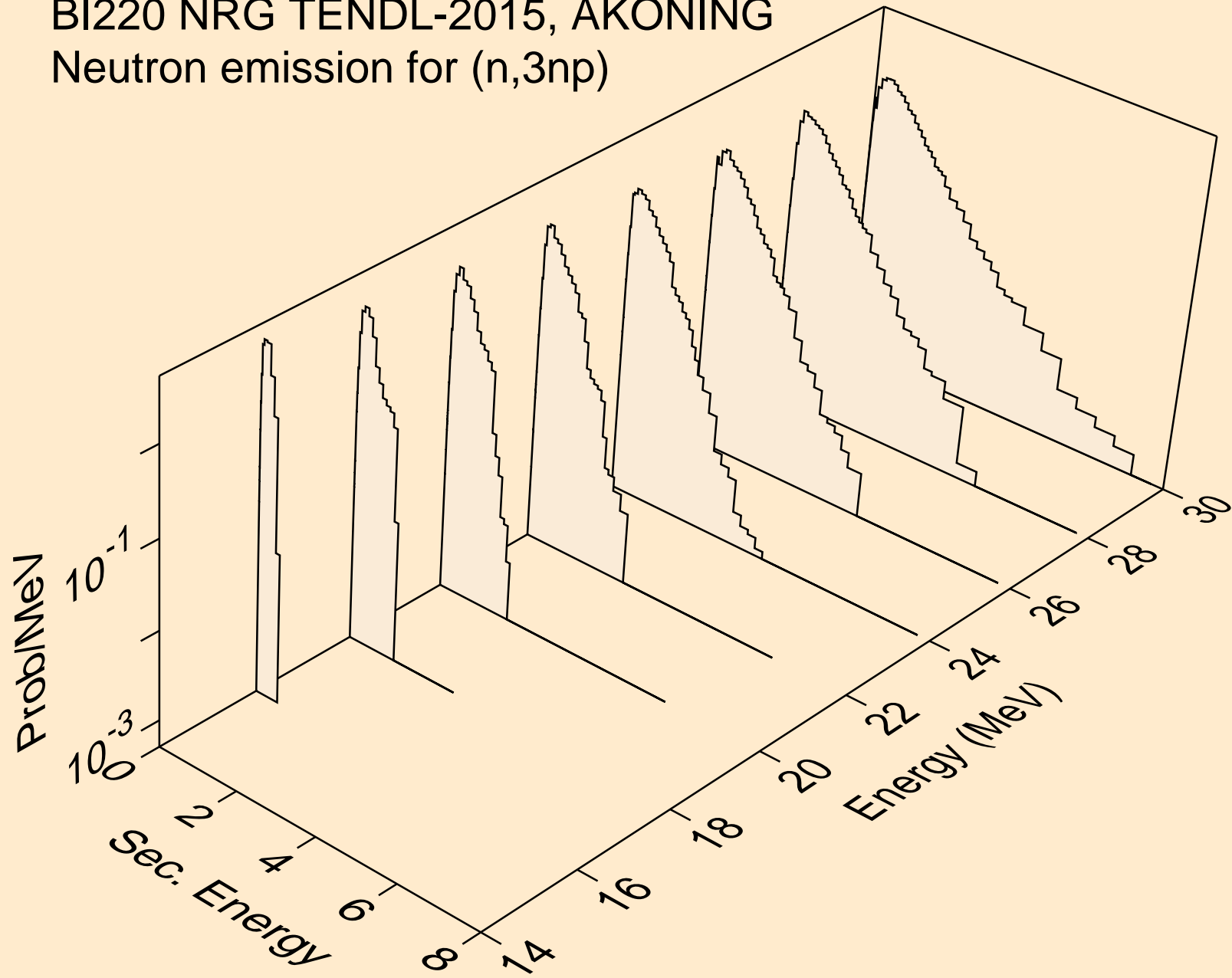


BI220 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

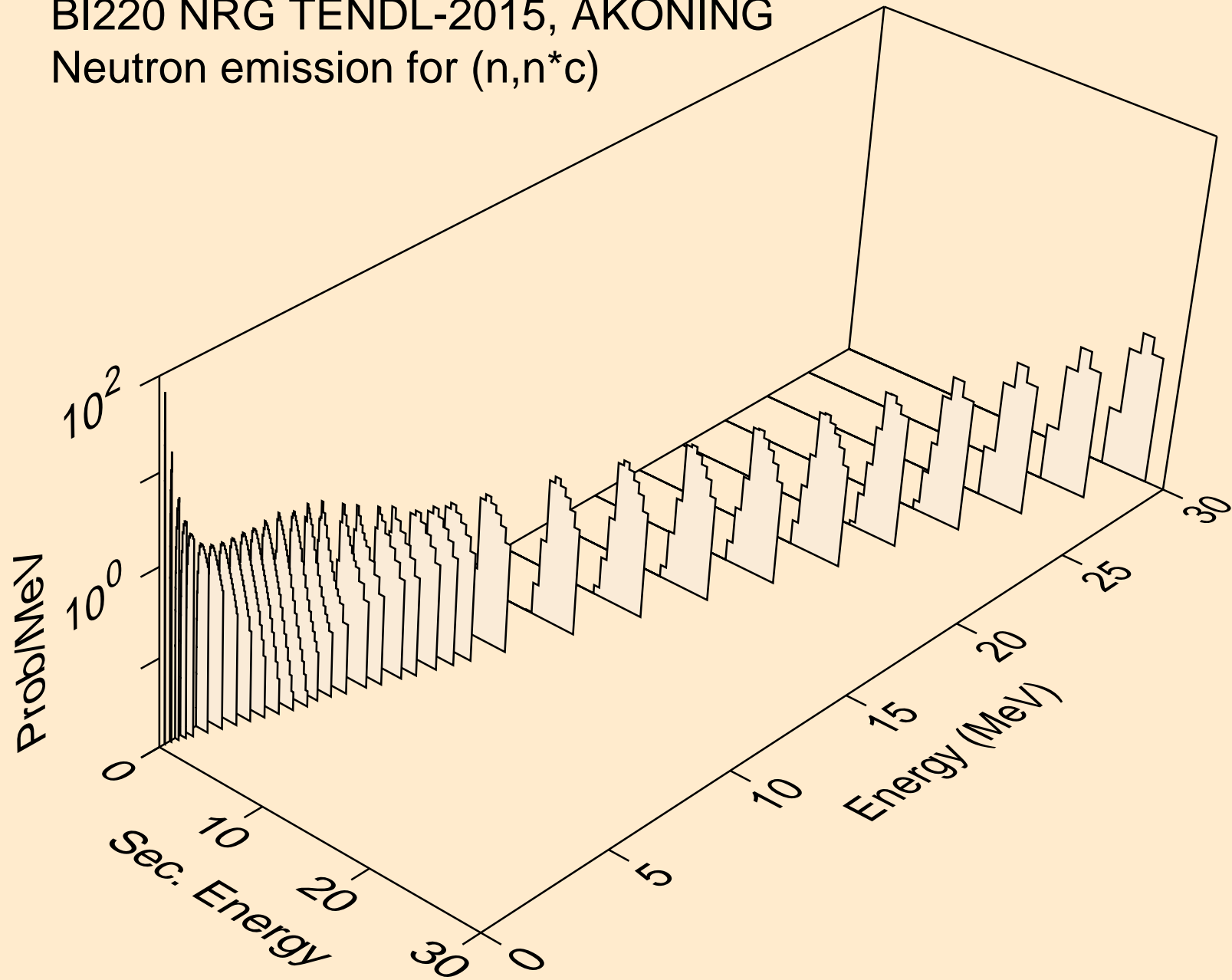




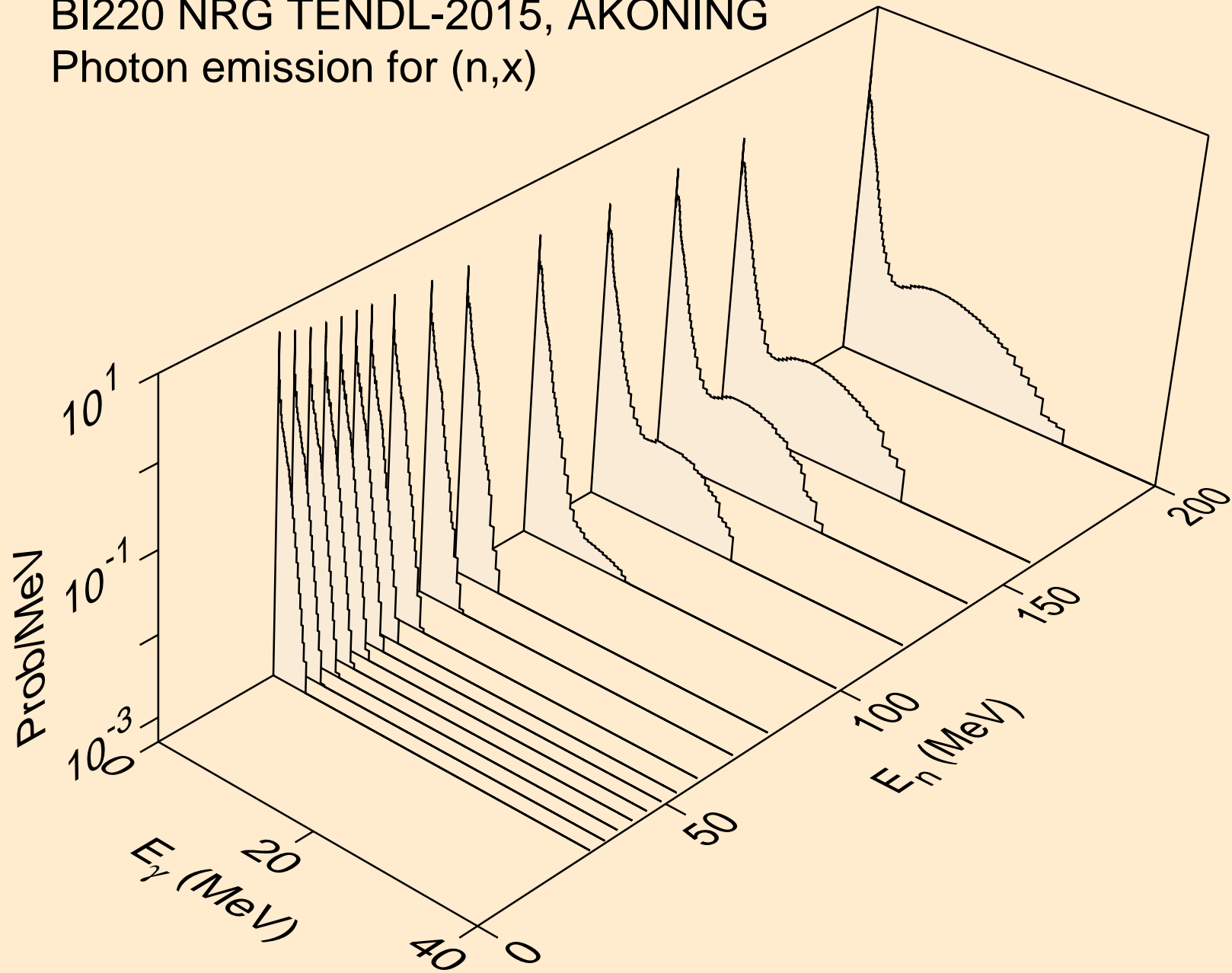
BI220 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



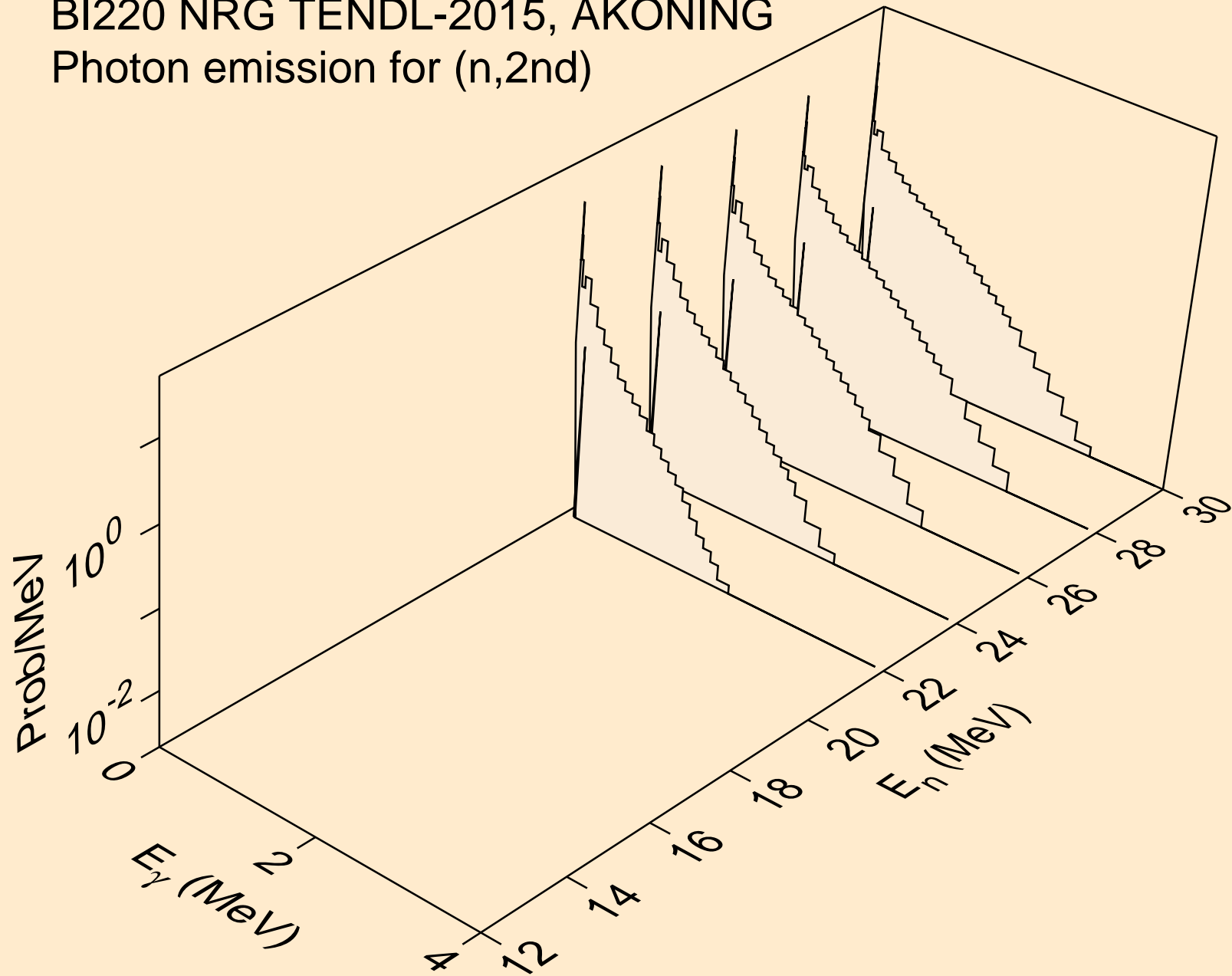
BI220 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



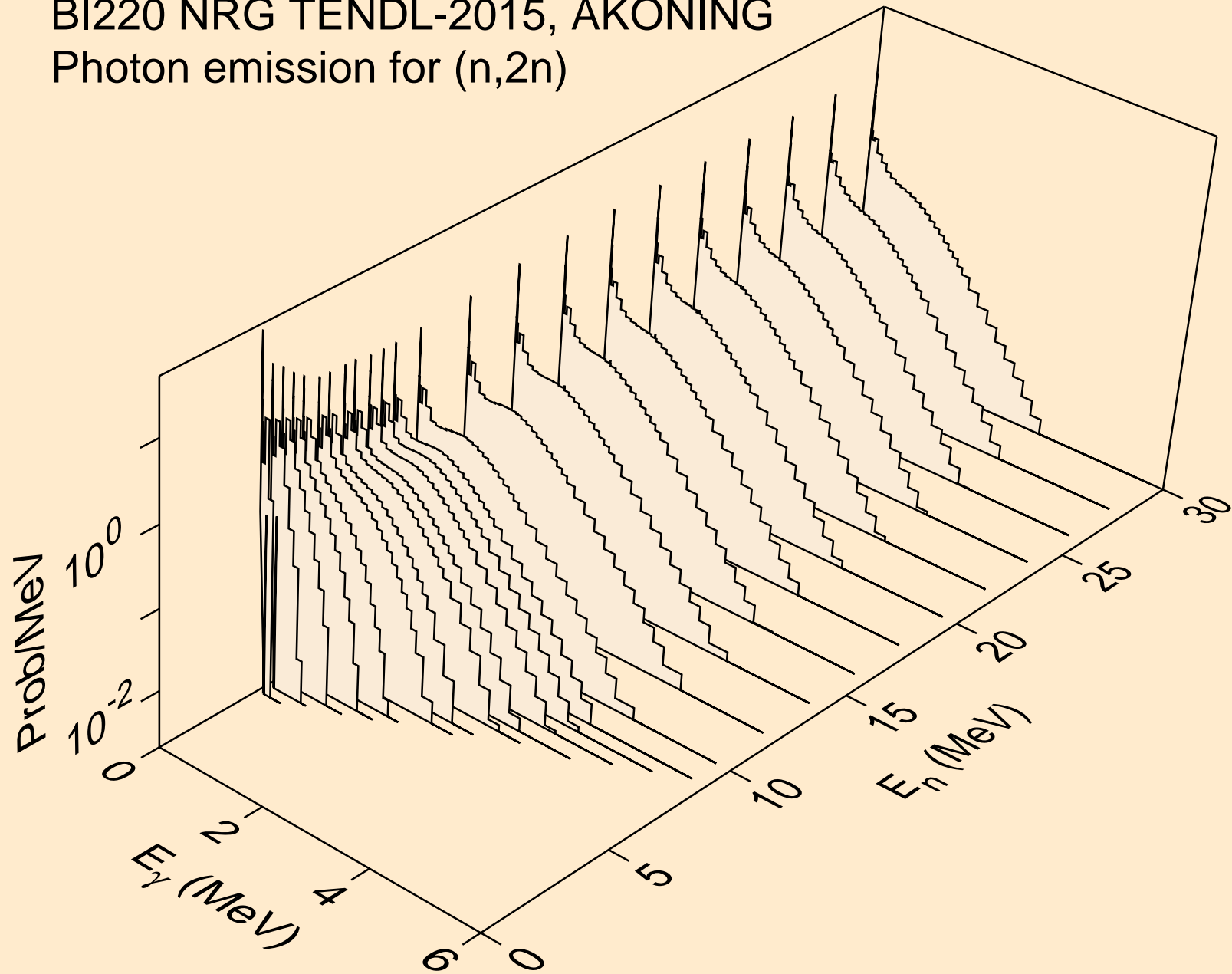
BI220 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



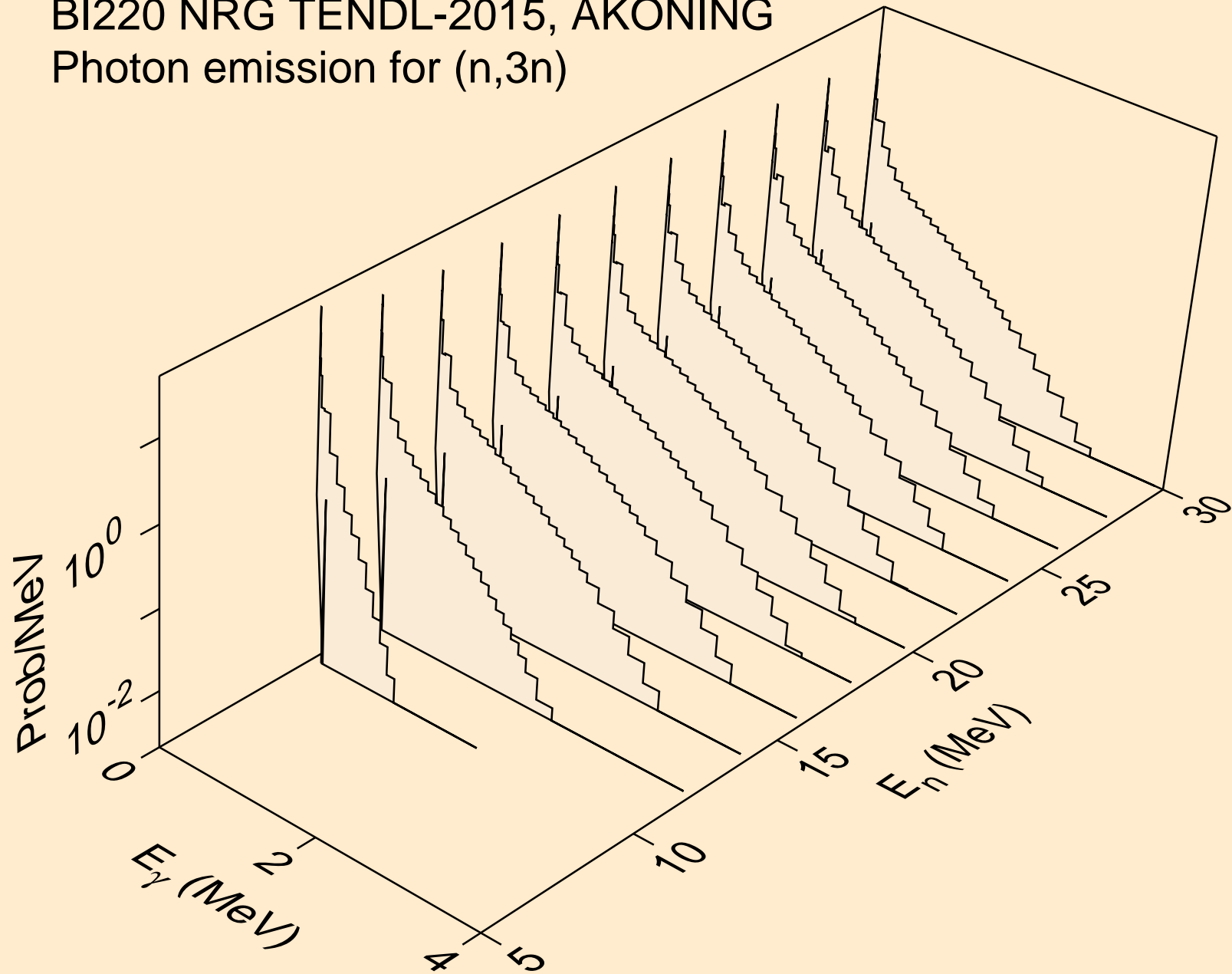
BI220 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



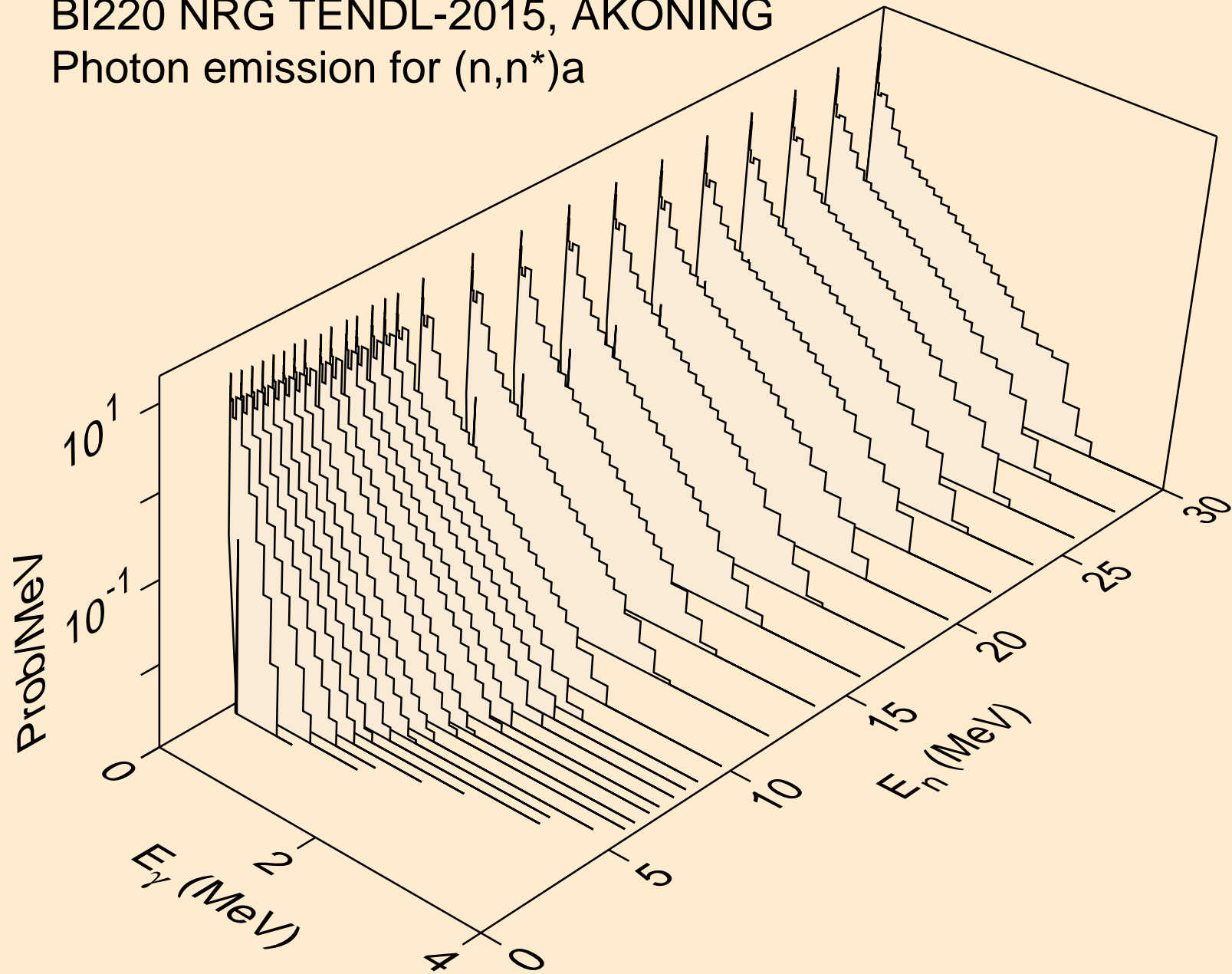
BI220 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



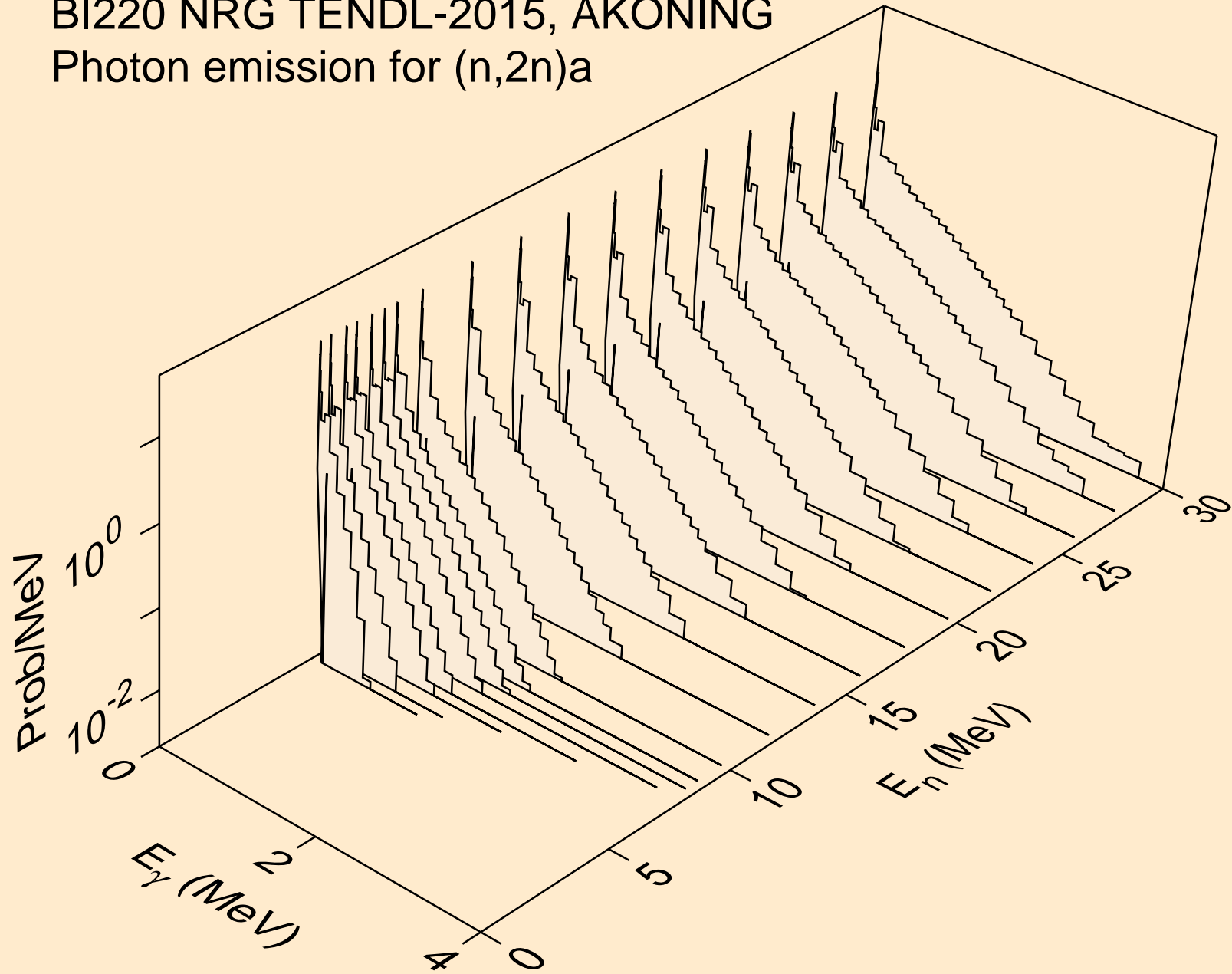
BI220 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



BI220 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

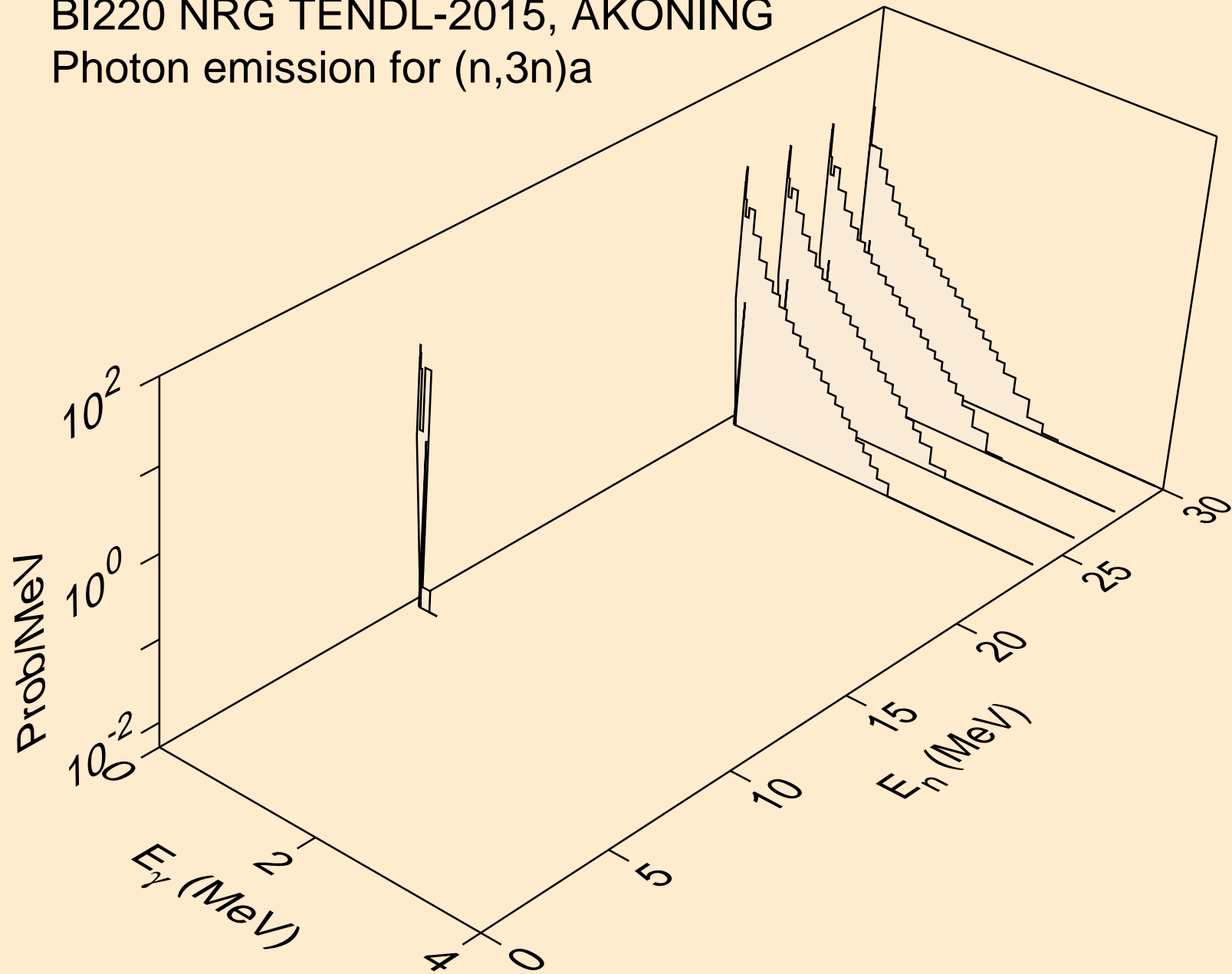


BI220 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

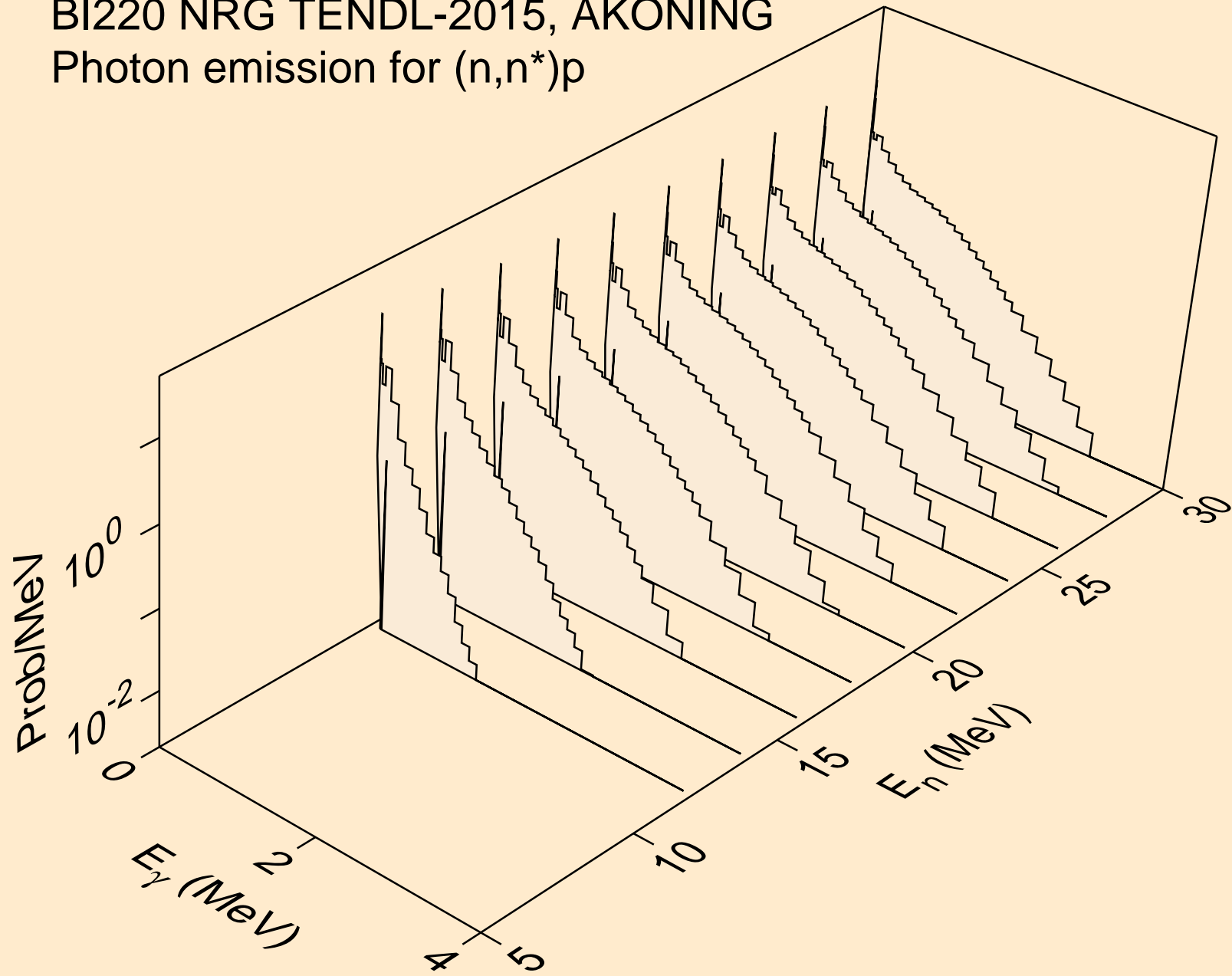




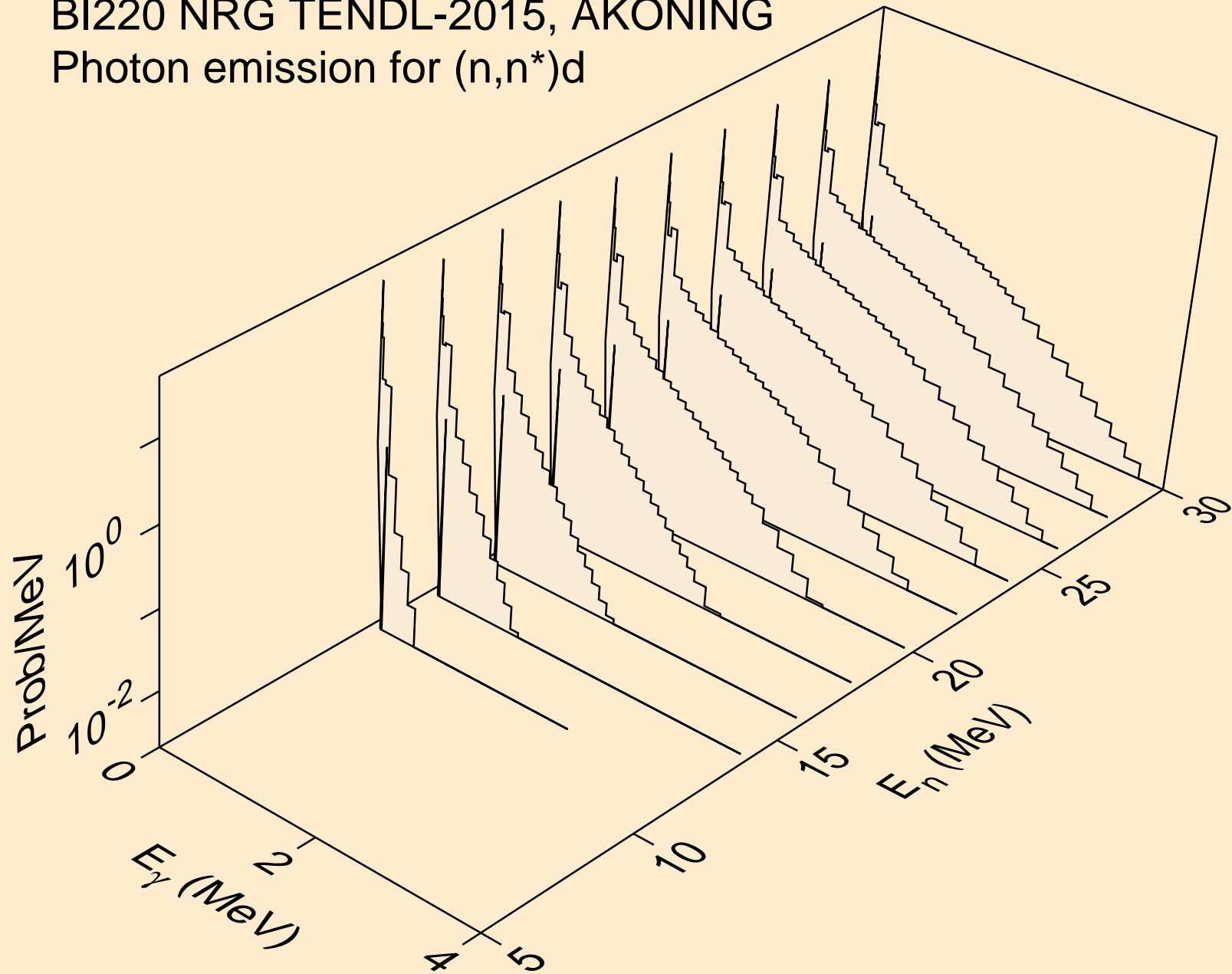
BI220 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



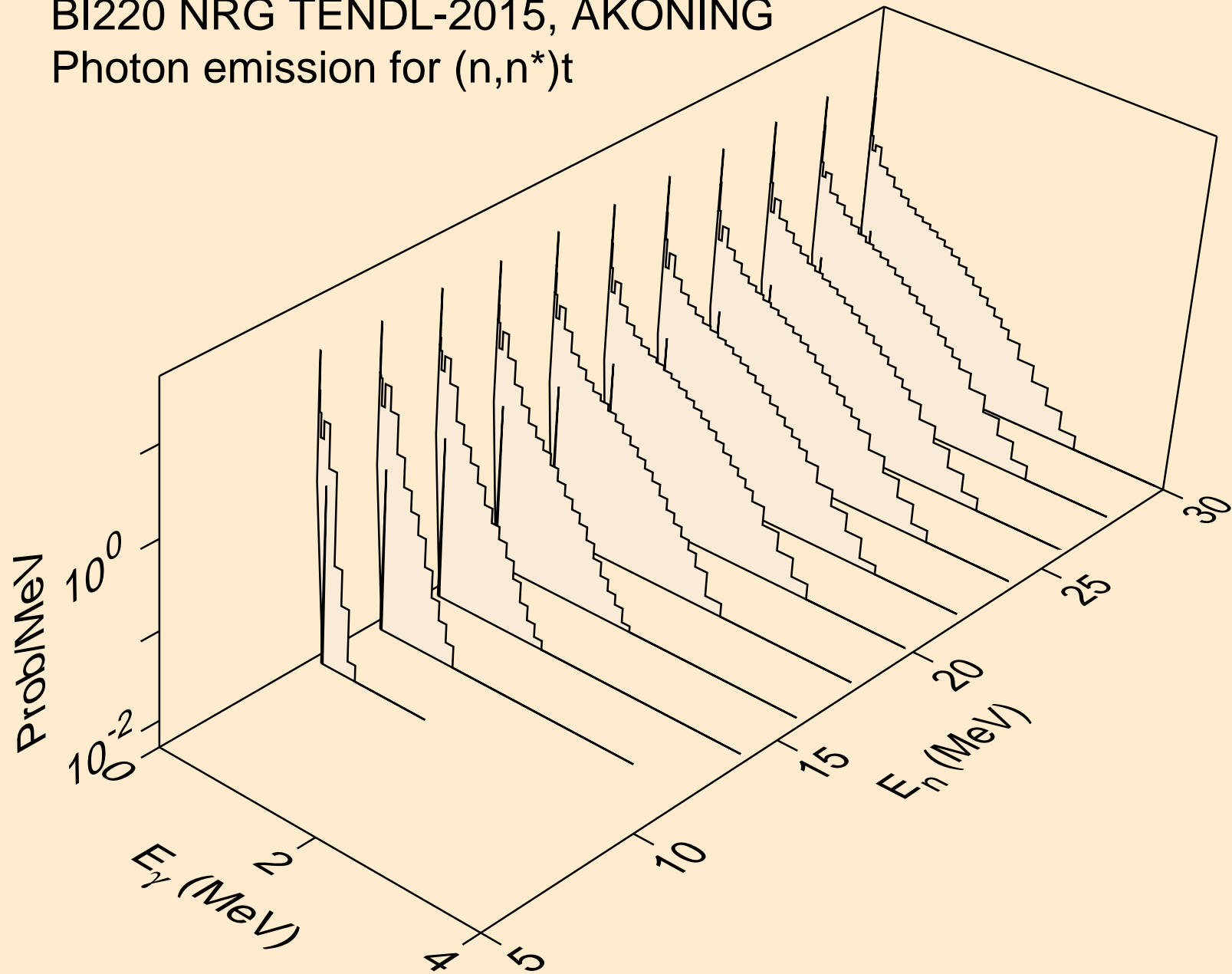
BI220 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



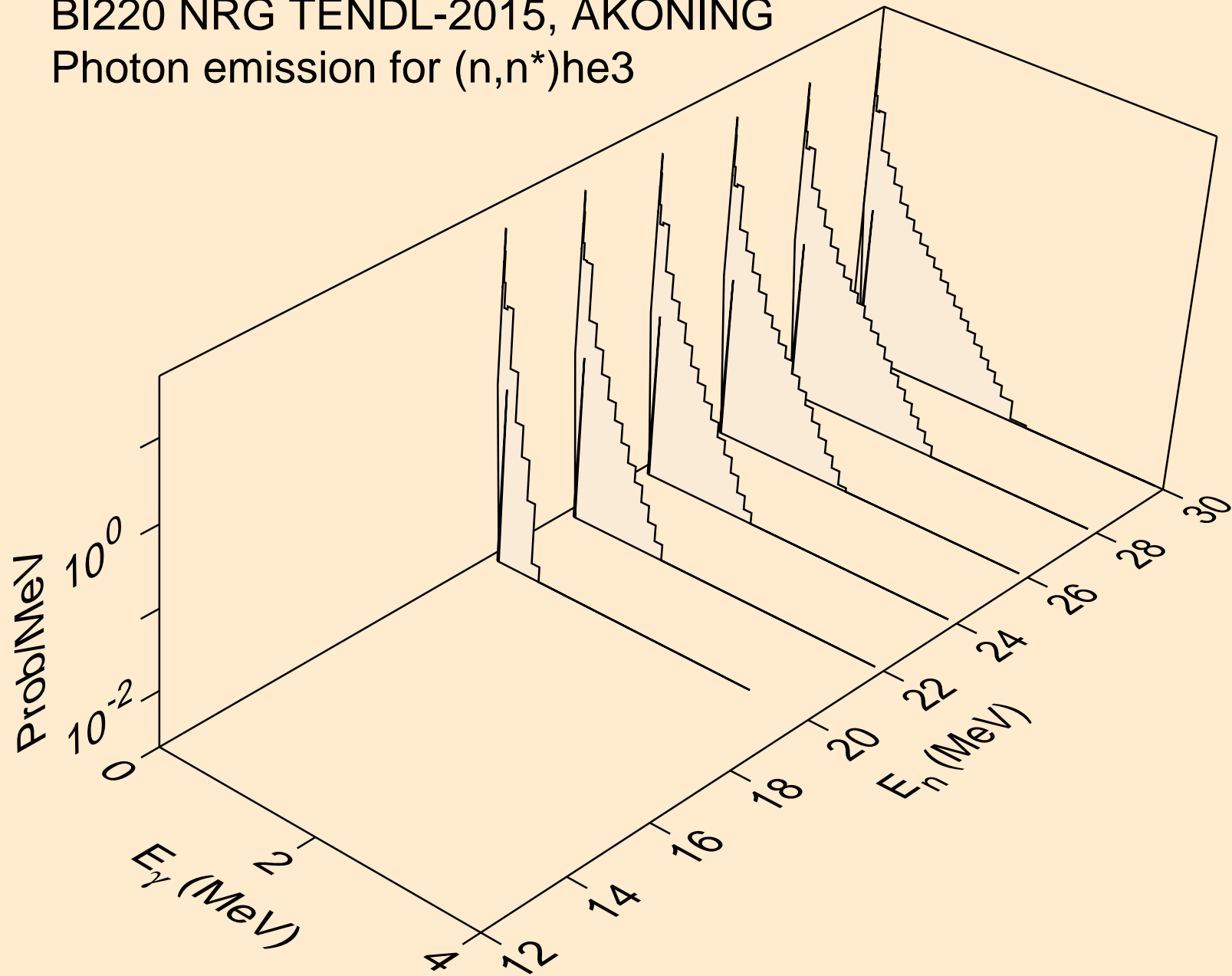
BI220 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



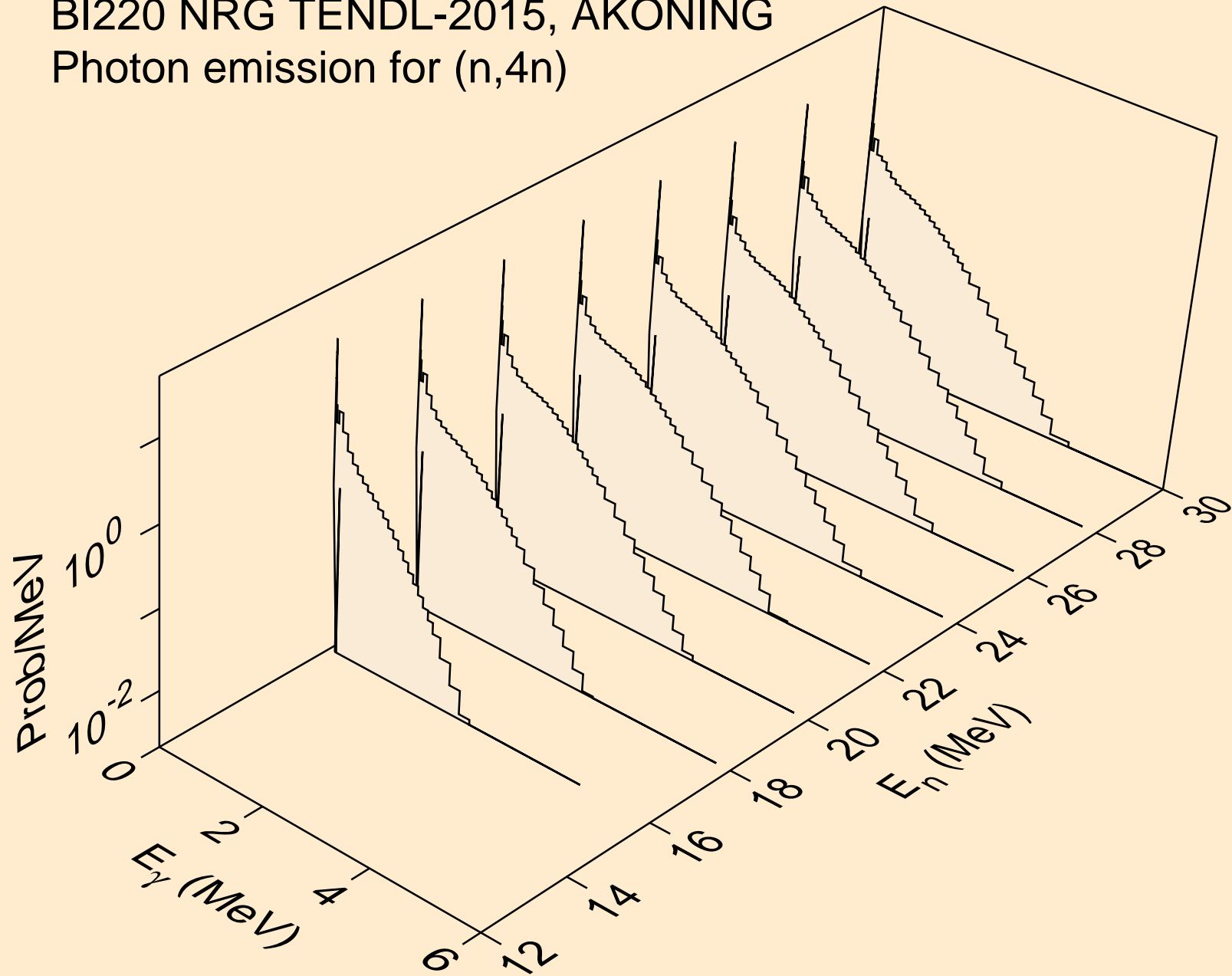
BI220 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



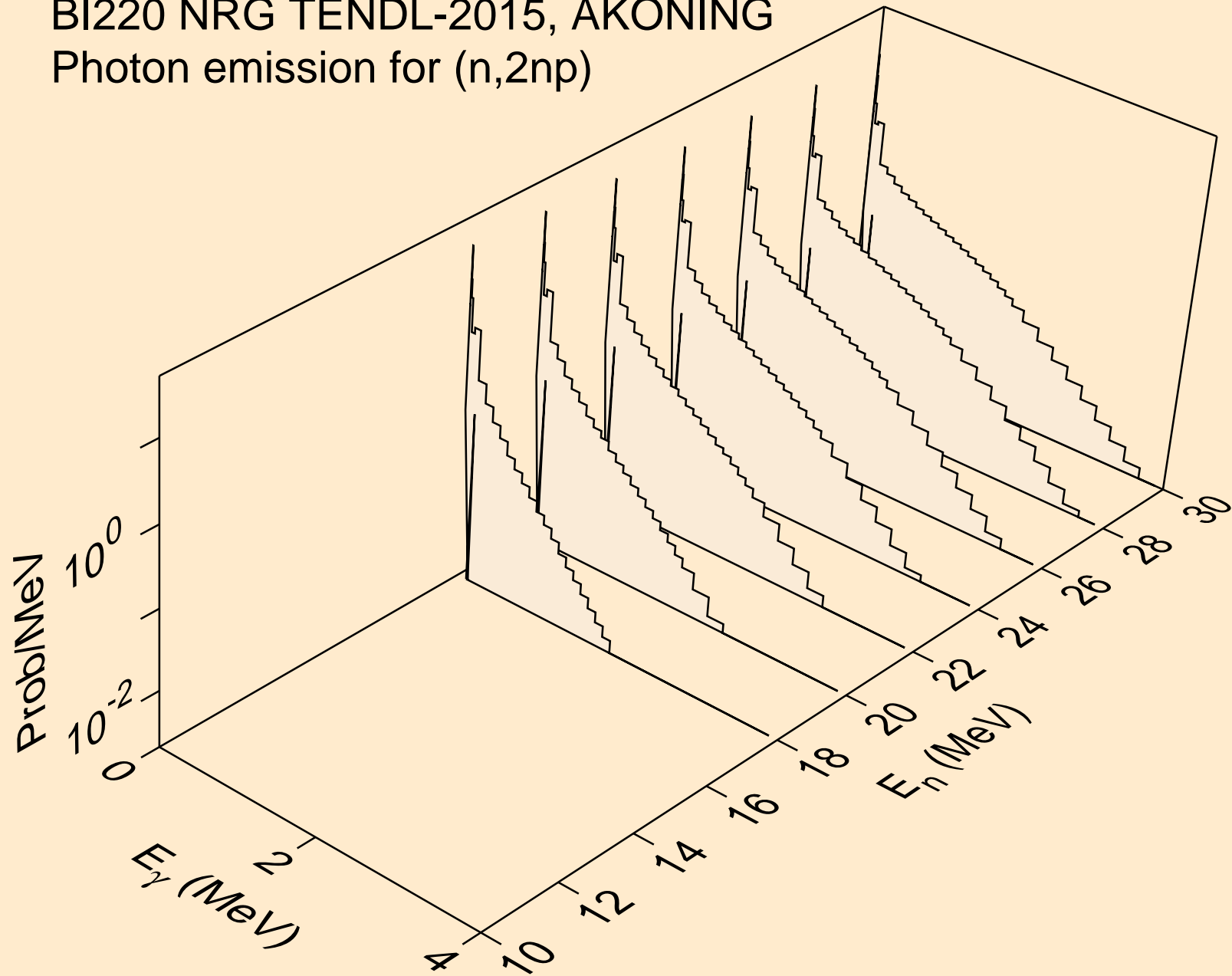
BI220 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



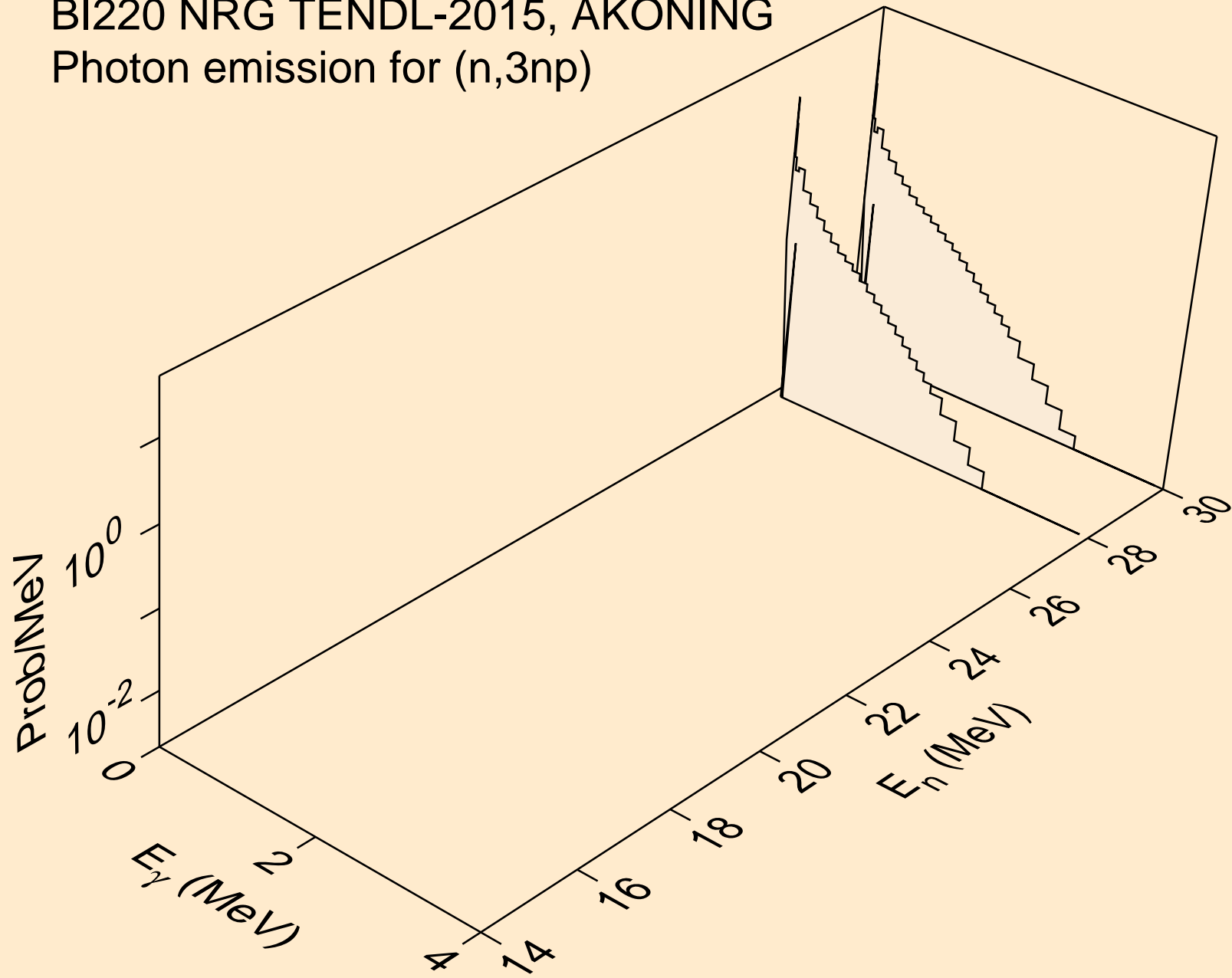
BI220 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



BI220 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

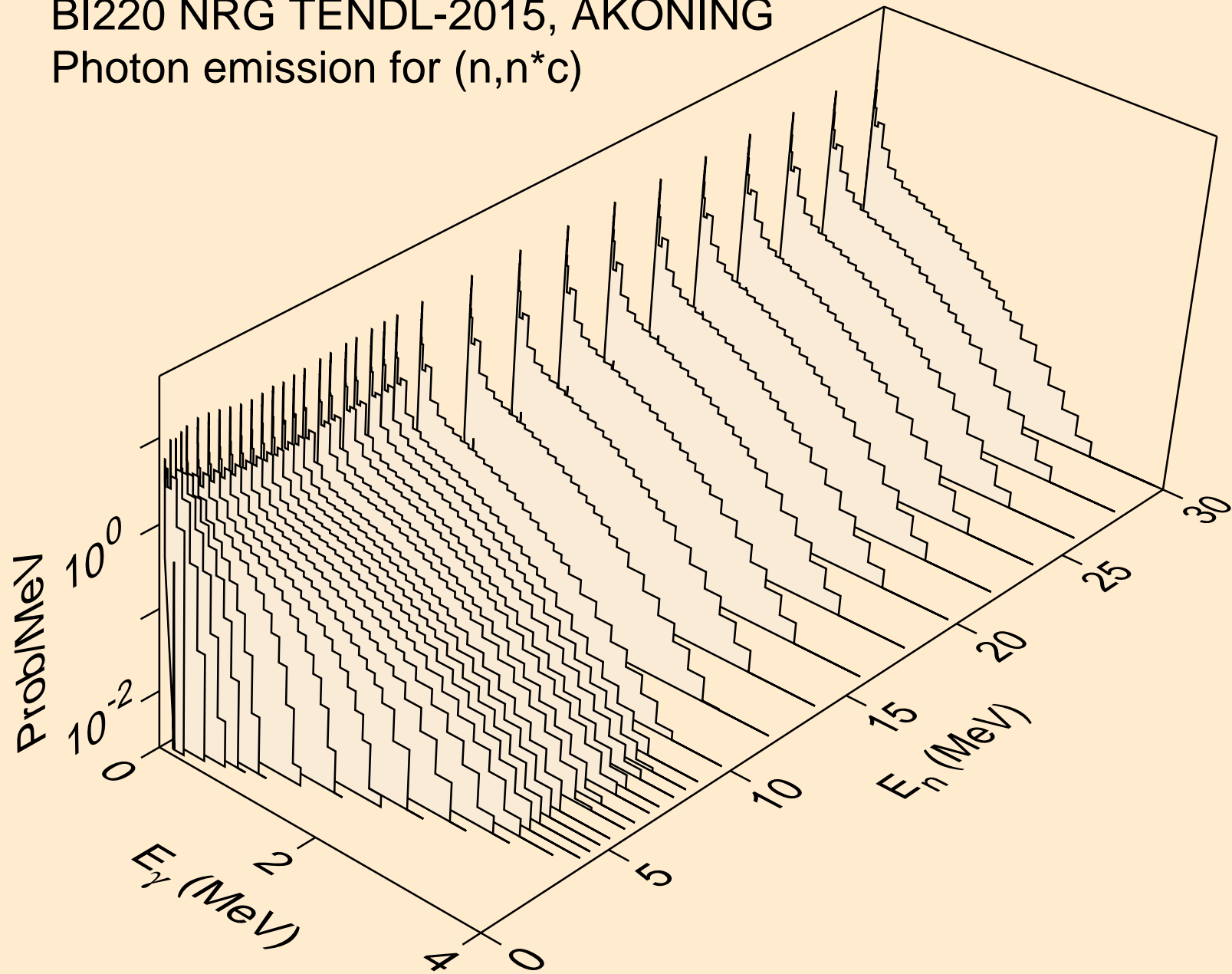


BI220 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)

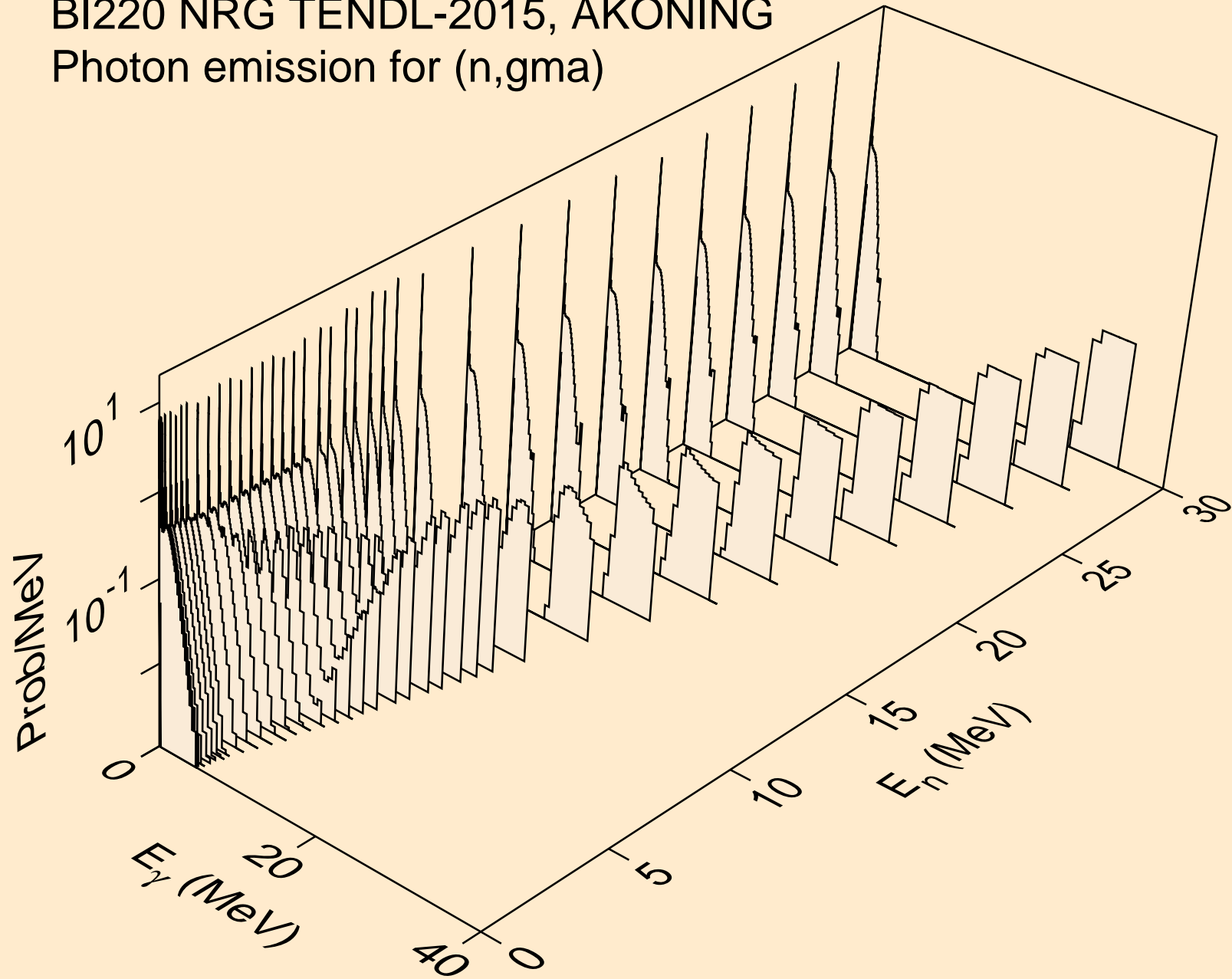




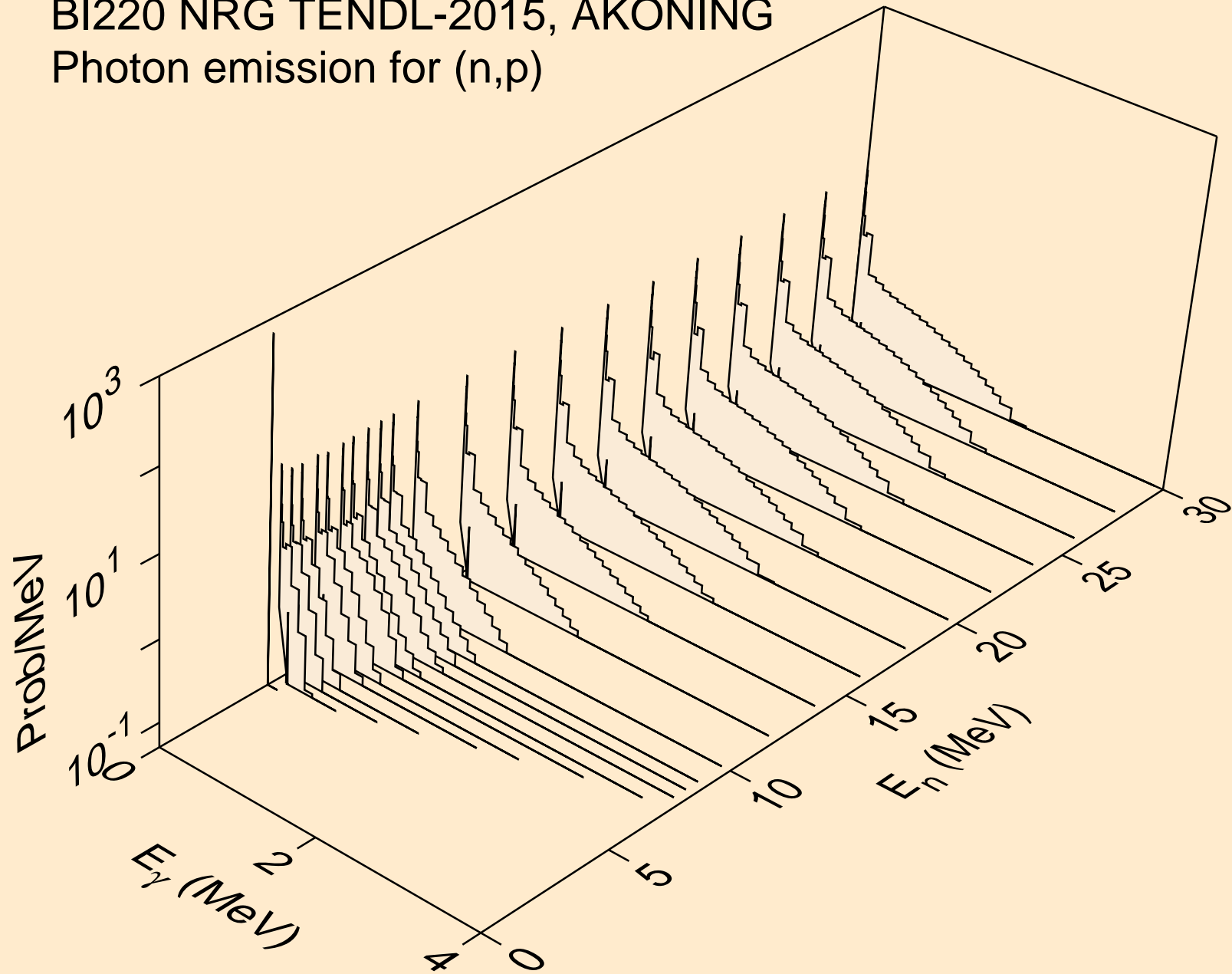
BI220 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



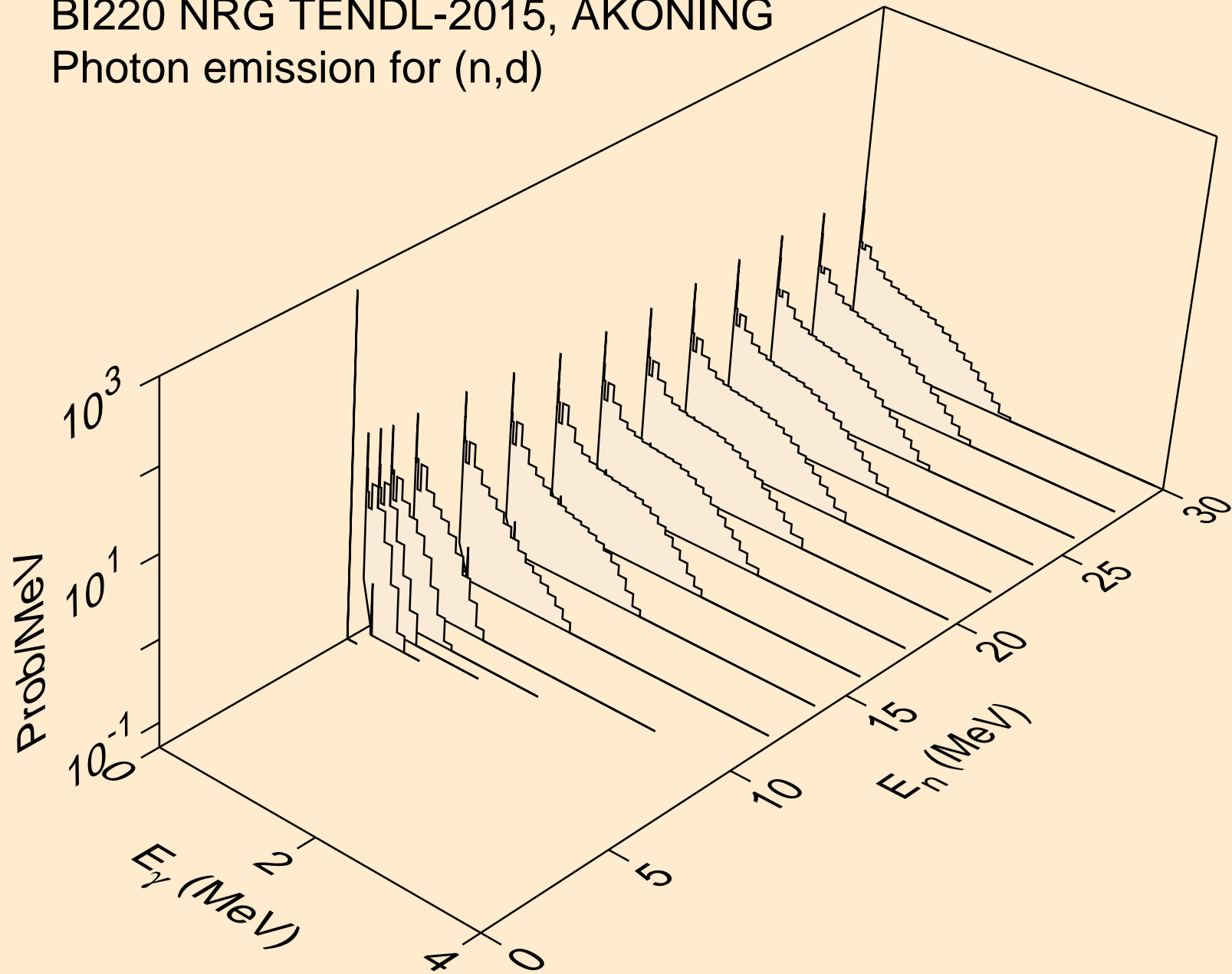
BI220 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



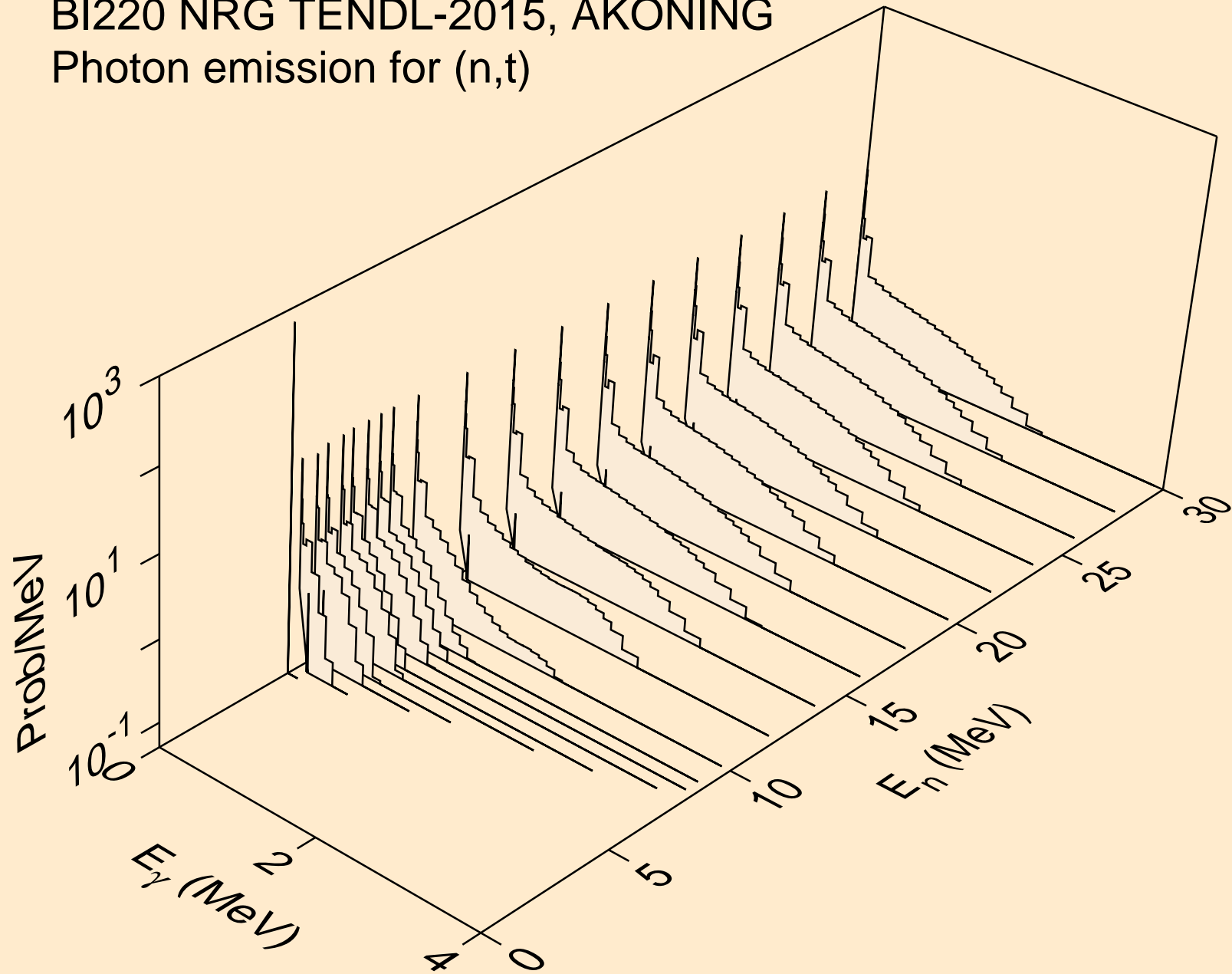
BI220 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



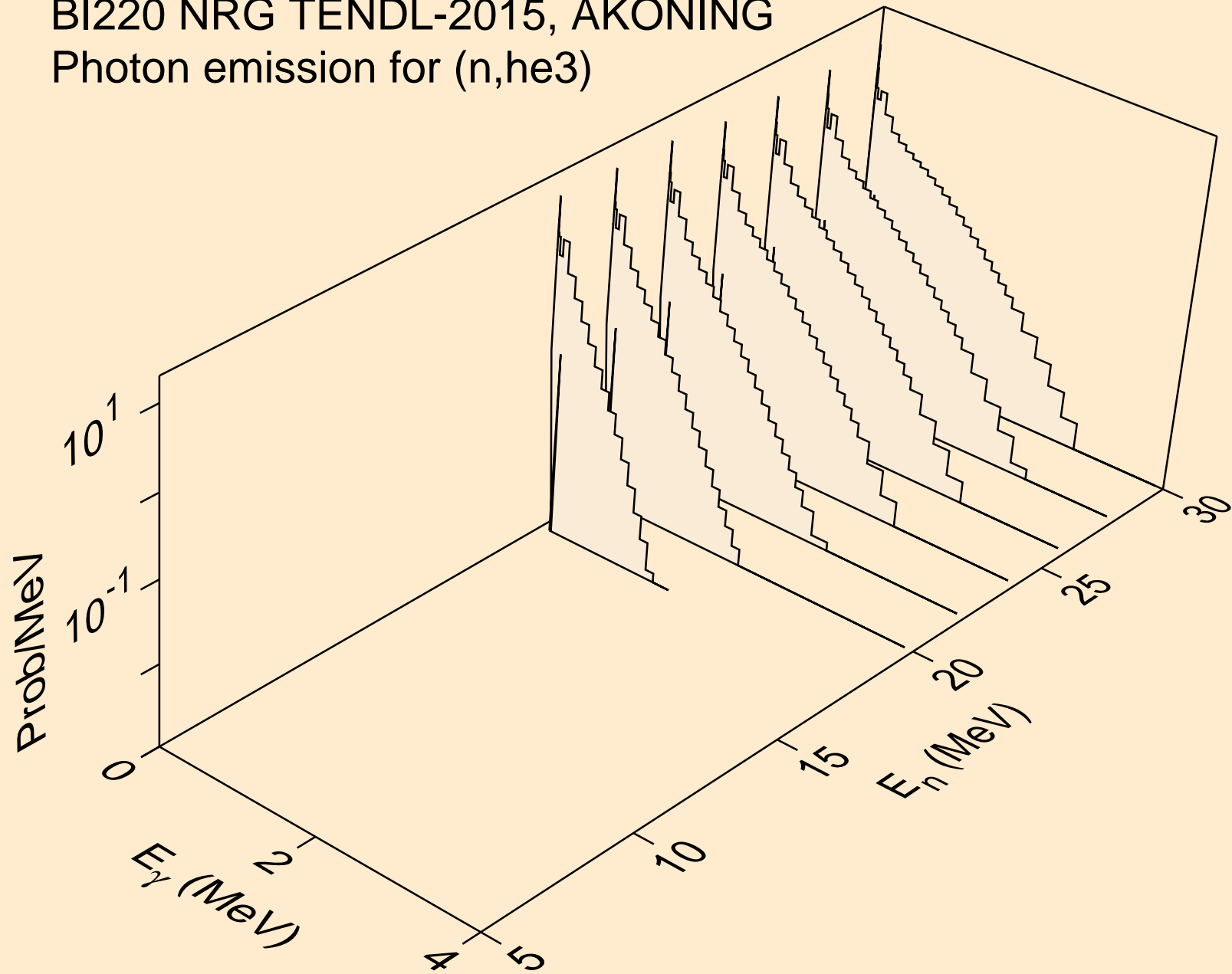
BI220 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



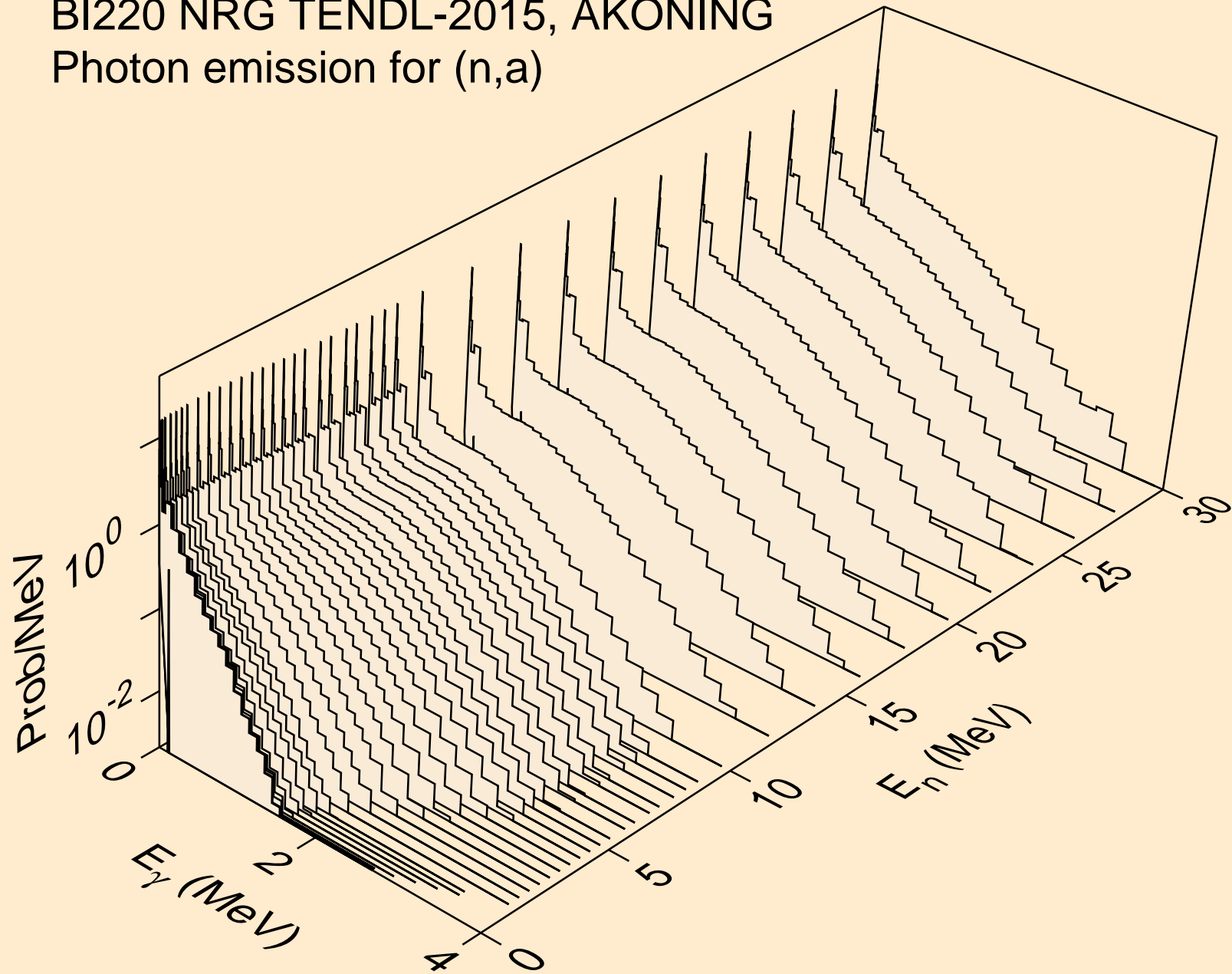
BI220 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



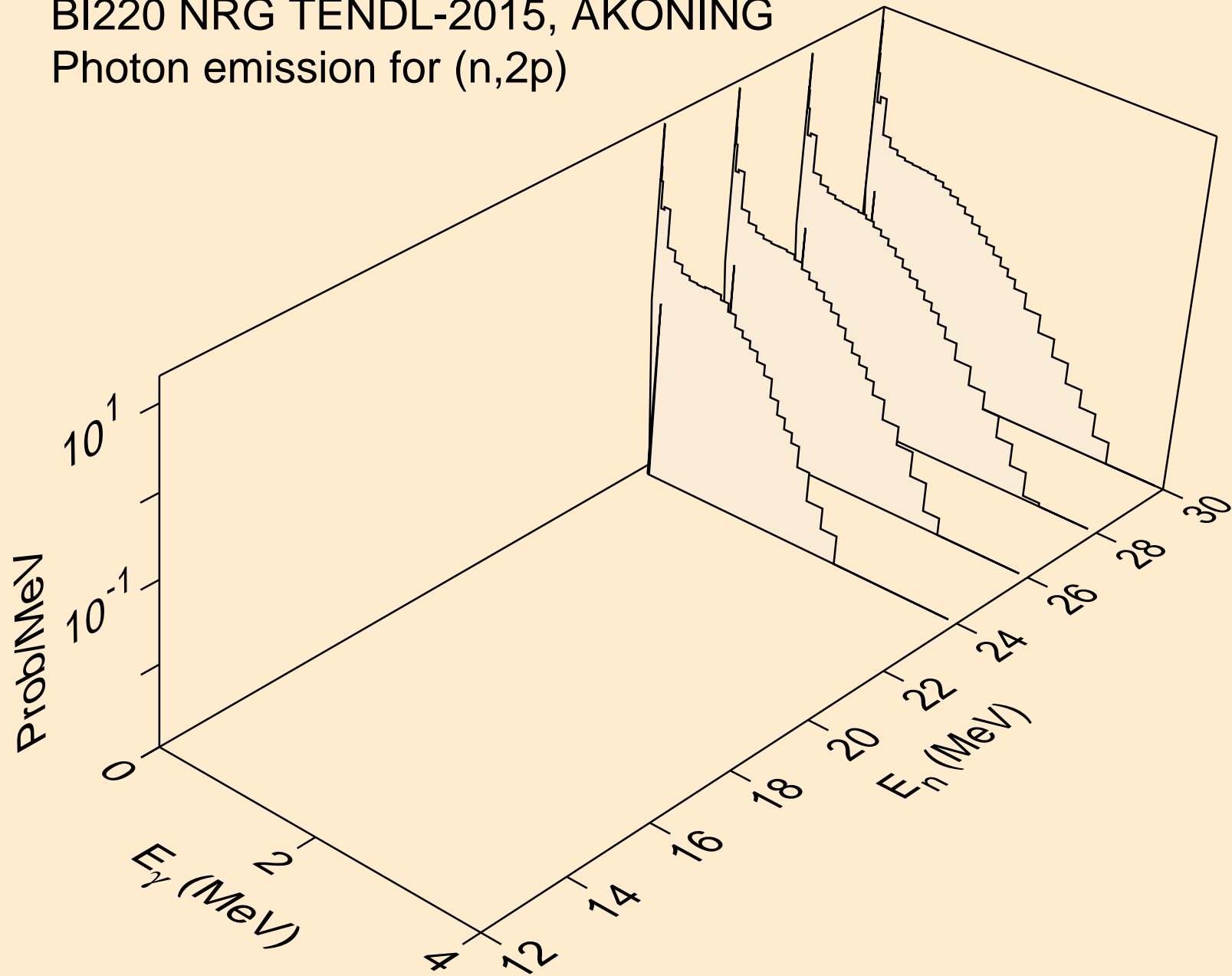
BI220 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



BI220 NRG TENDL-2015, AKONING  
Photon emission for (n,a)

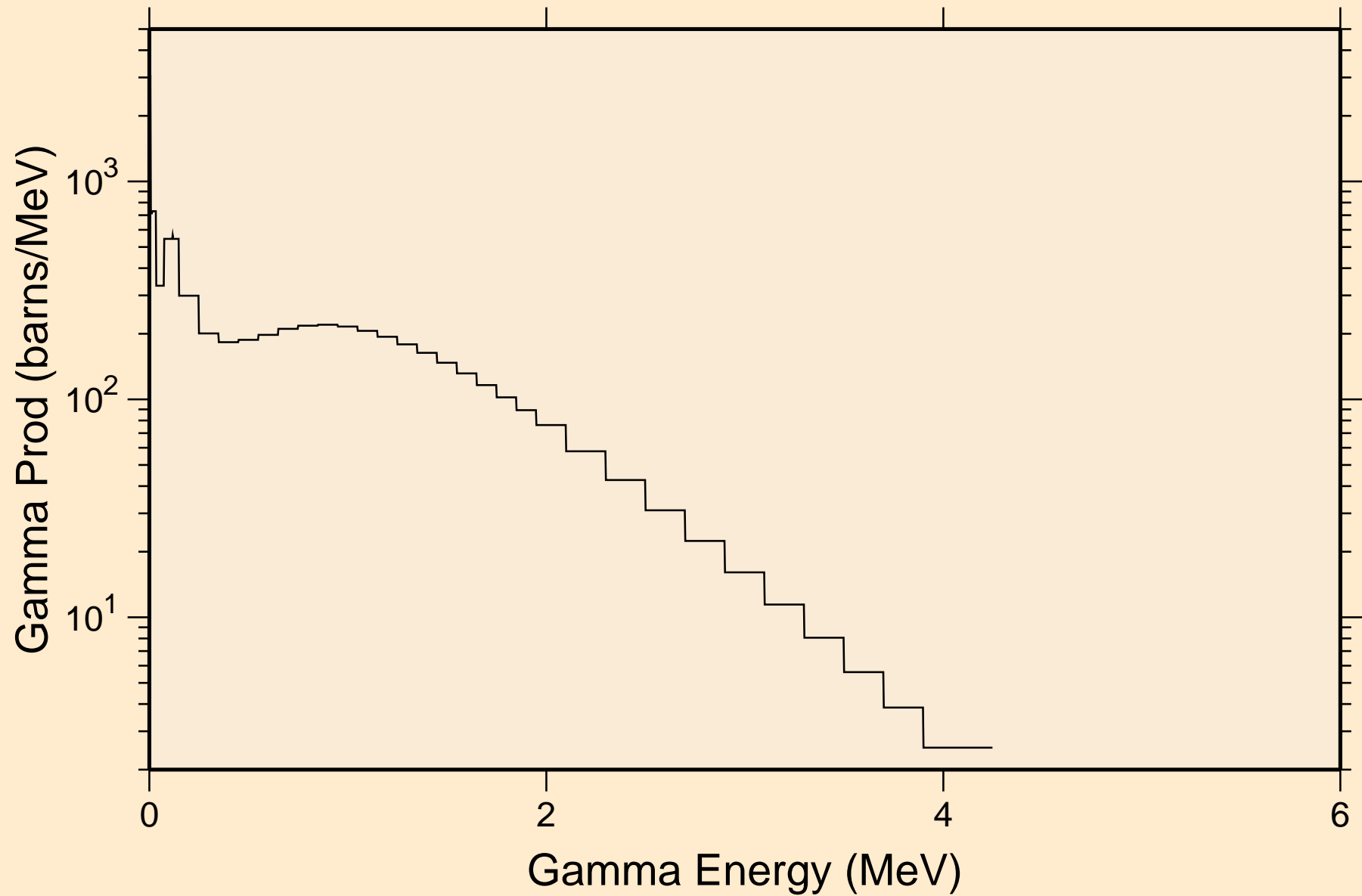


BI220 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)

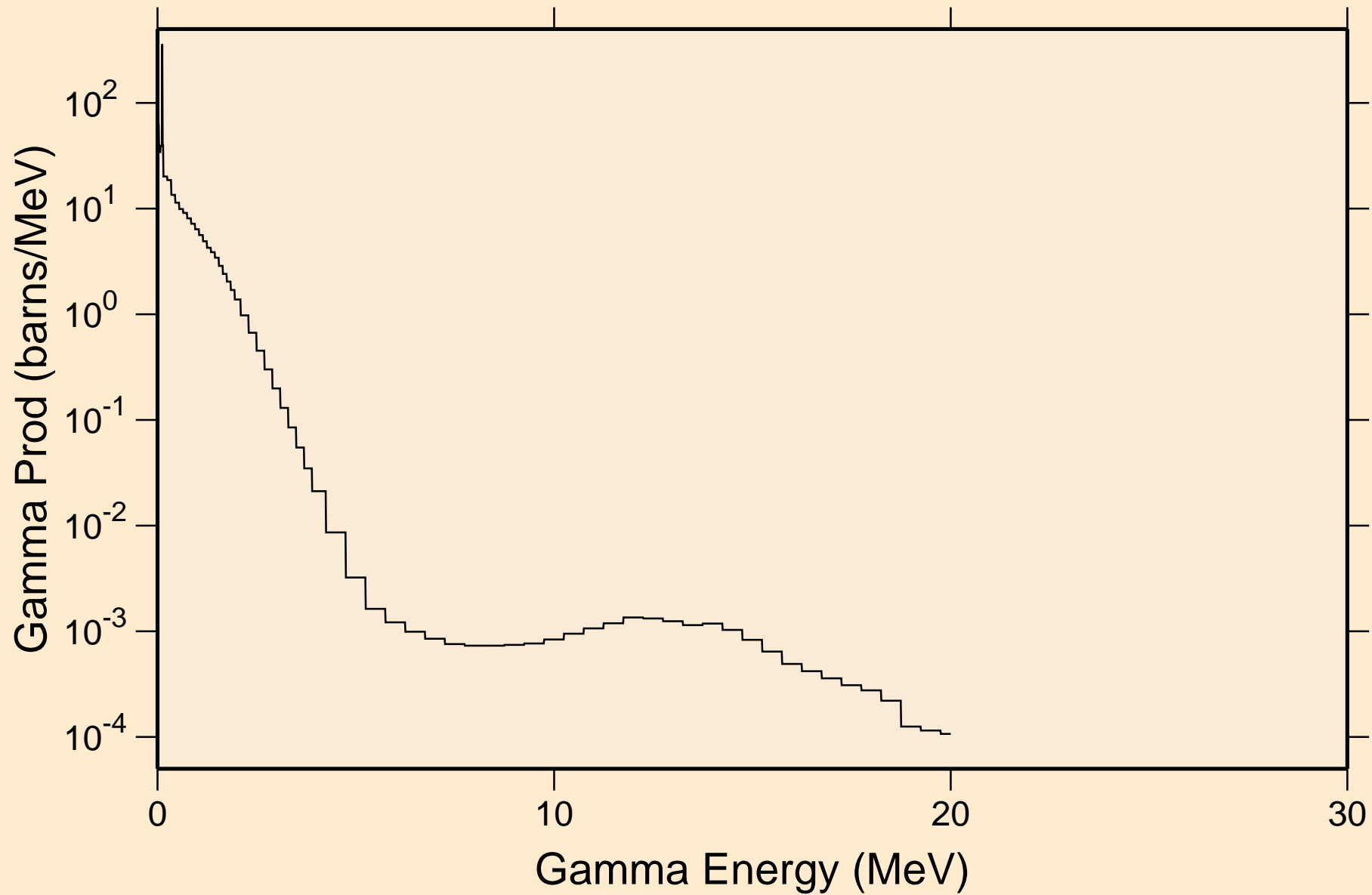




BI220 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

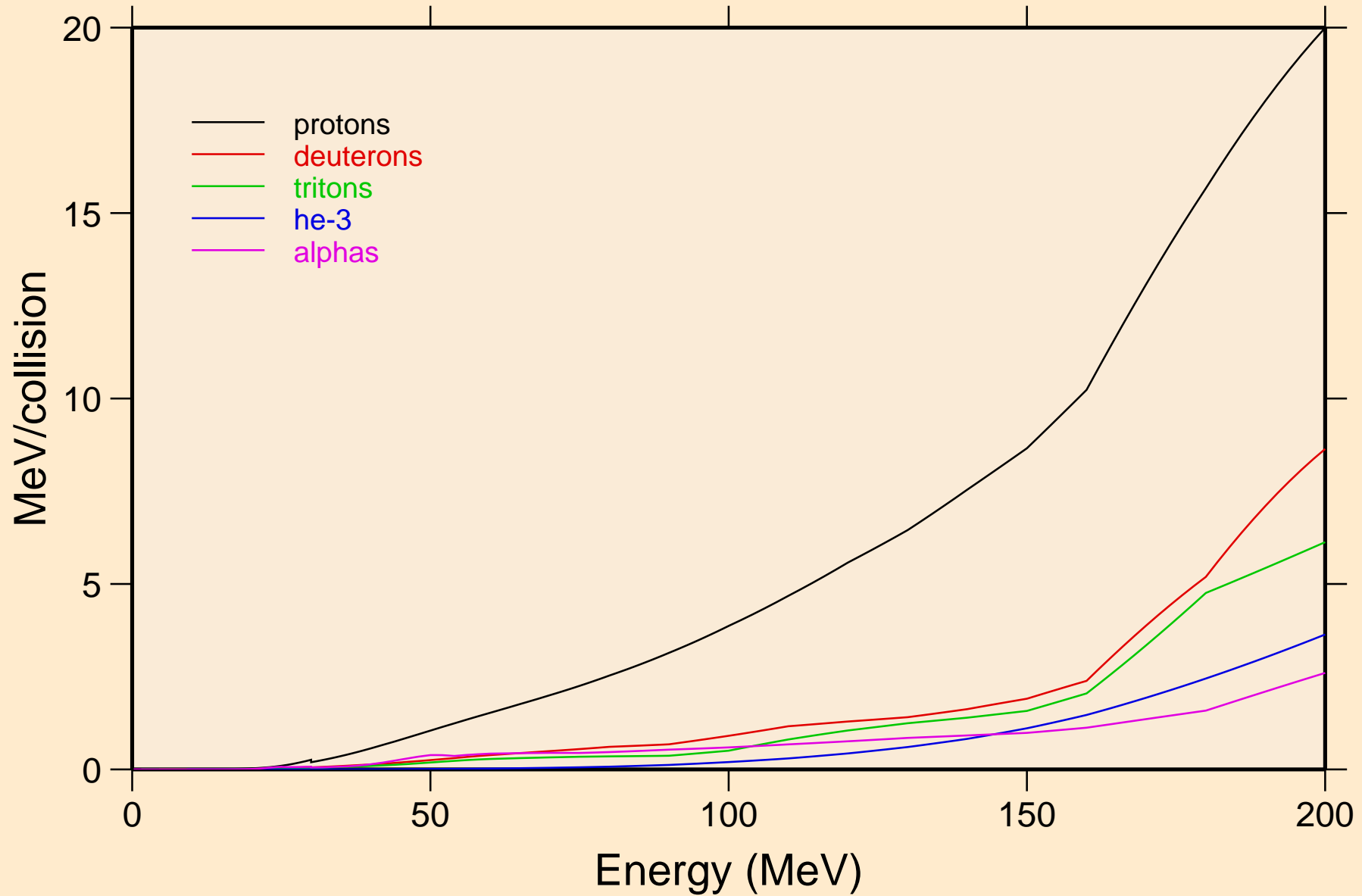


BI220 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



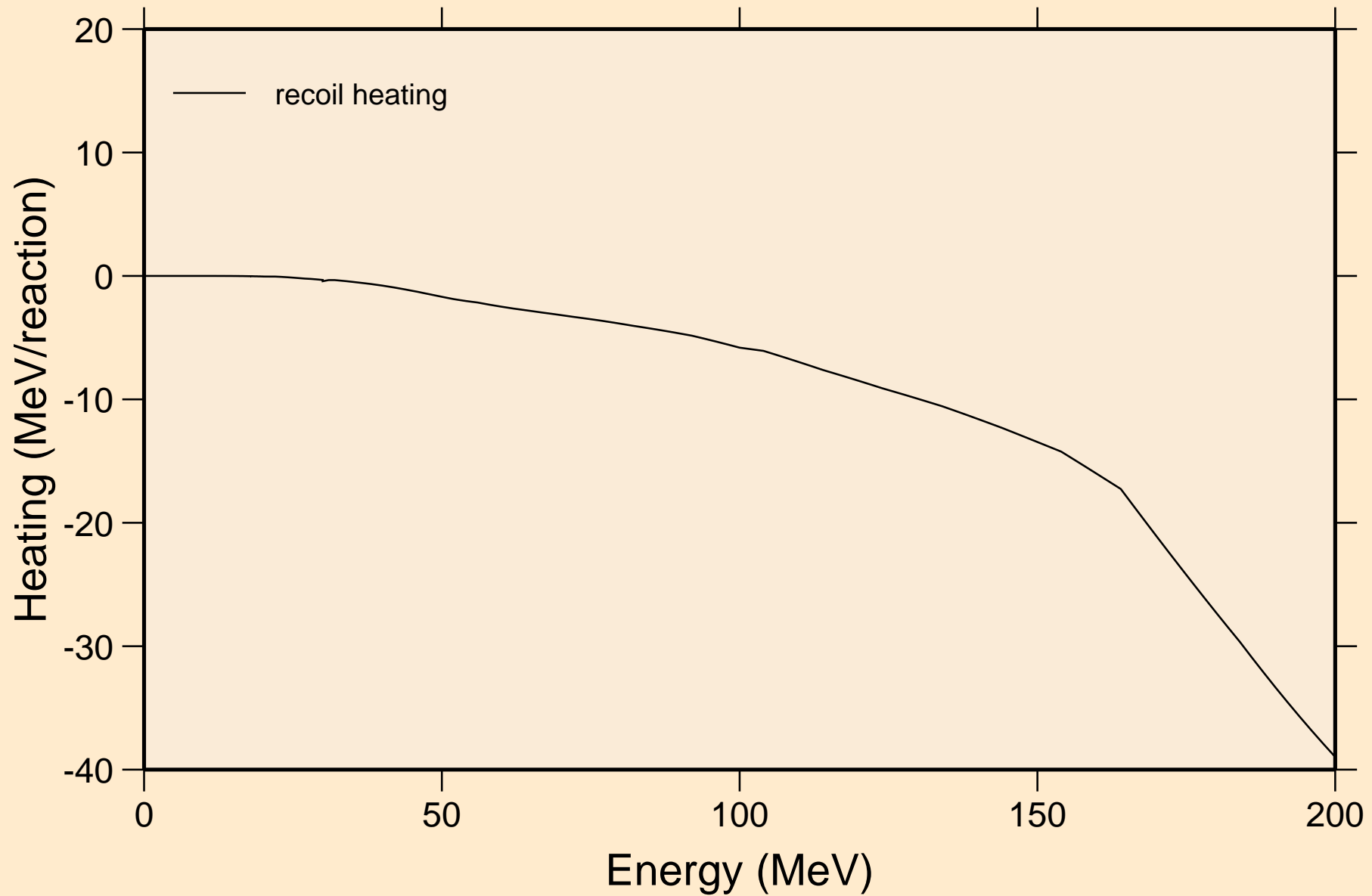
# BI220 NRG TENDL-2015, AKONING

## Particle heating contributions



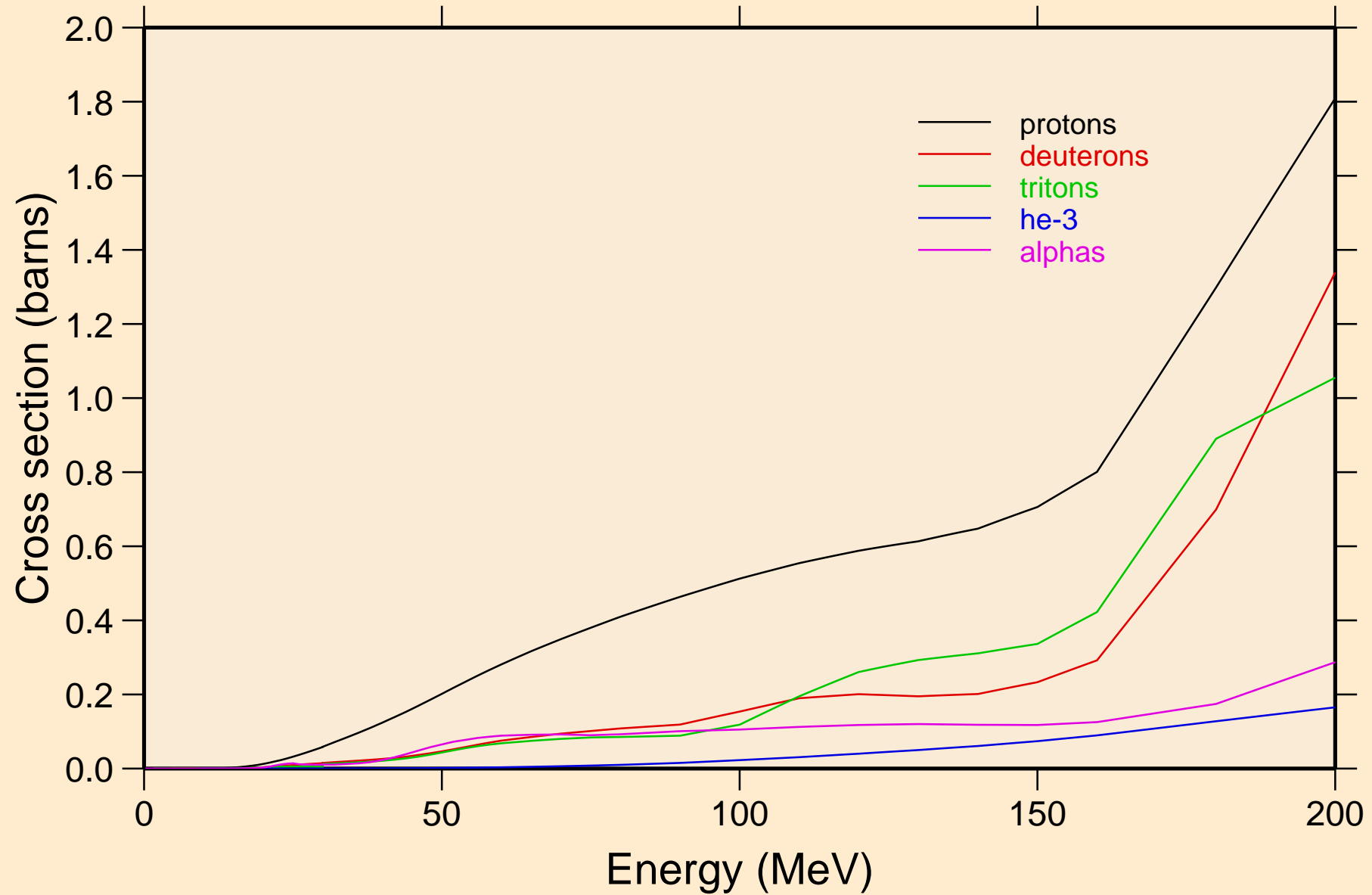
# BI220 NRG TENDL-2015, AKONING

## Recoil Heating

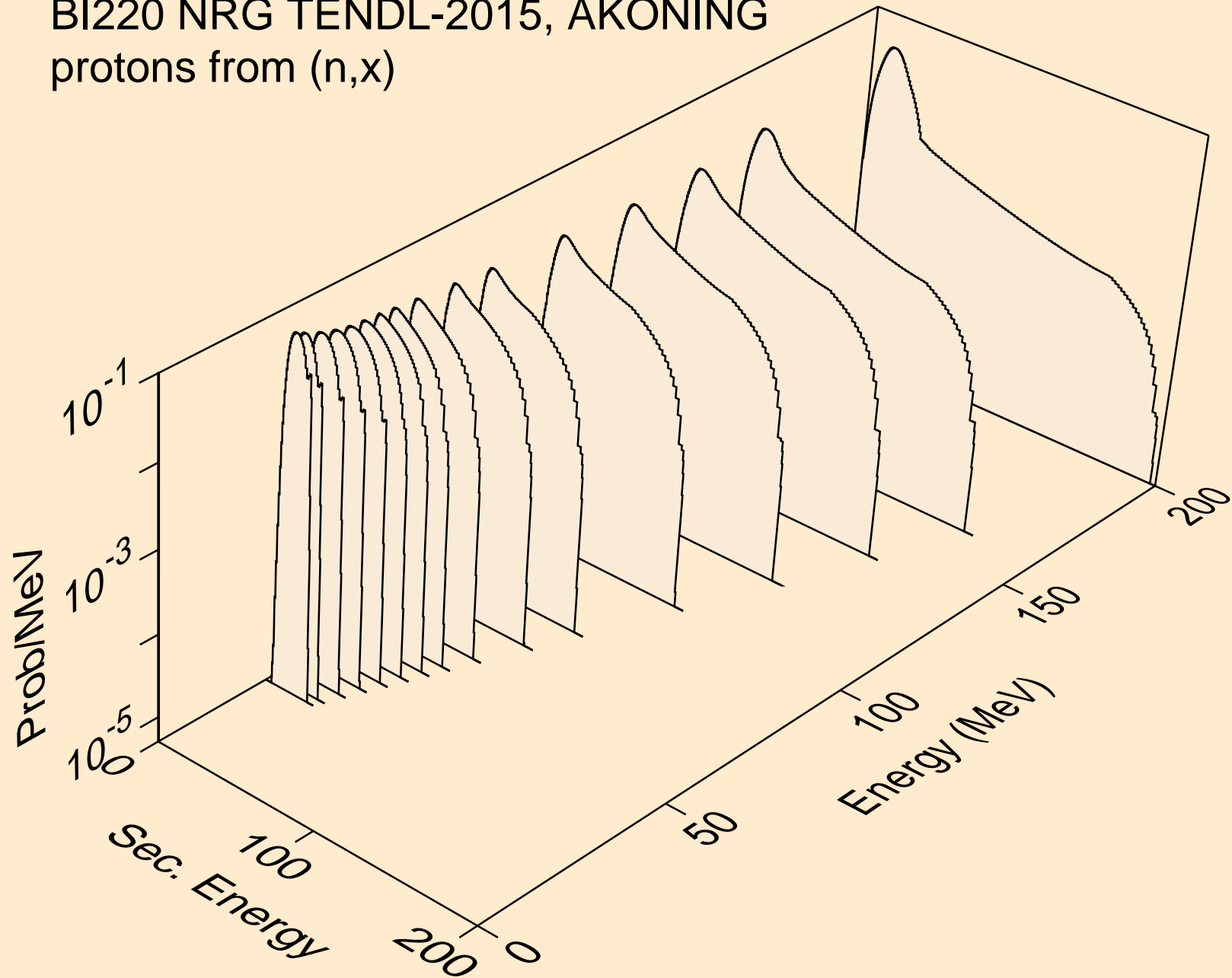


# BI220 NRG TENDL-2015, AKONING

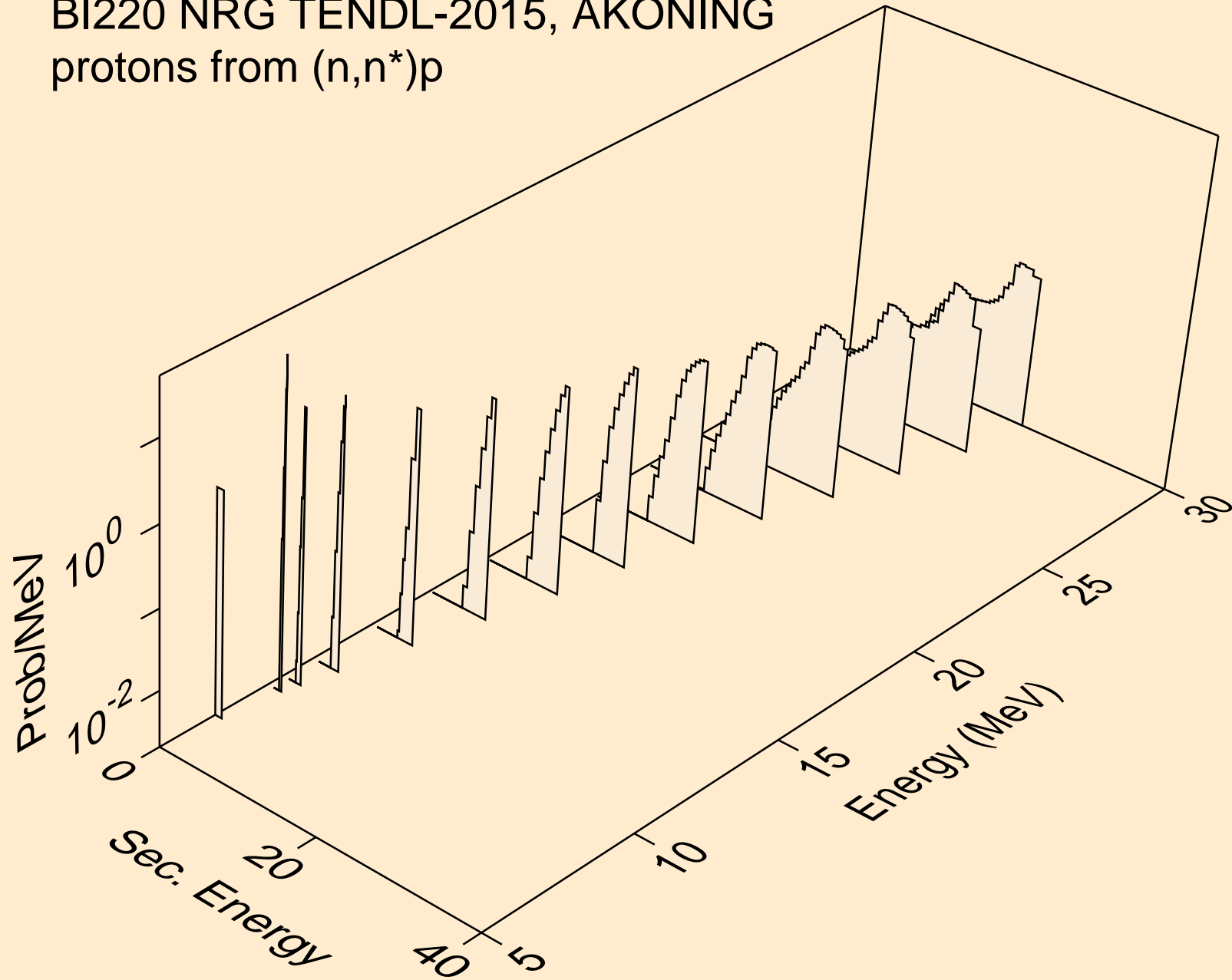
## Particle production cross sections



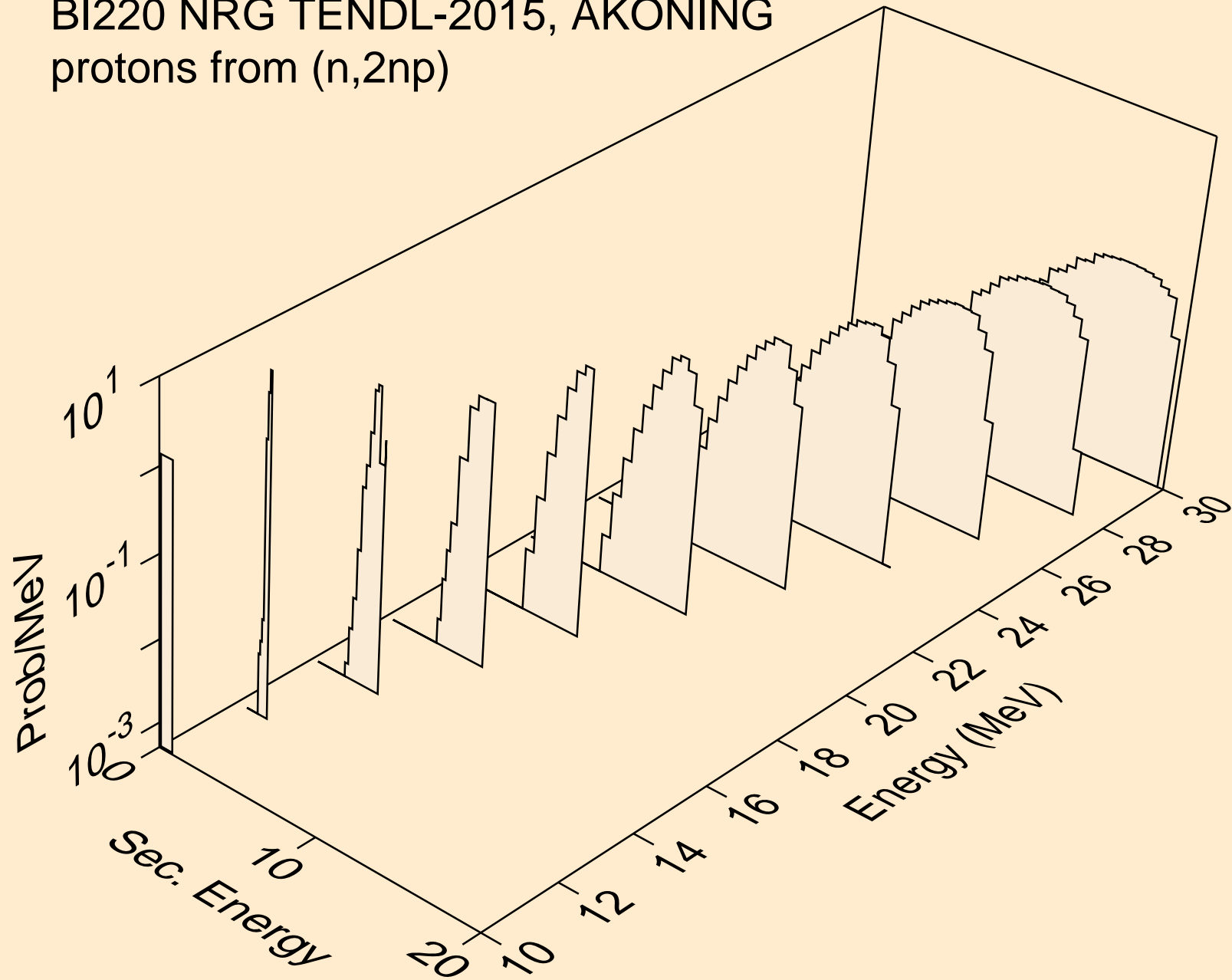
BI220 NRG TENDL-2015, AKONING  
protons from (n,x)



BI220 NRG TENDL-2015, AKONING  
protons from (n,n\*)p

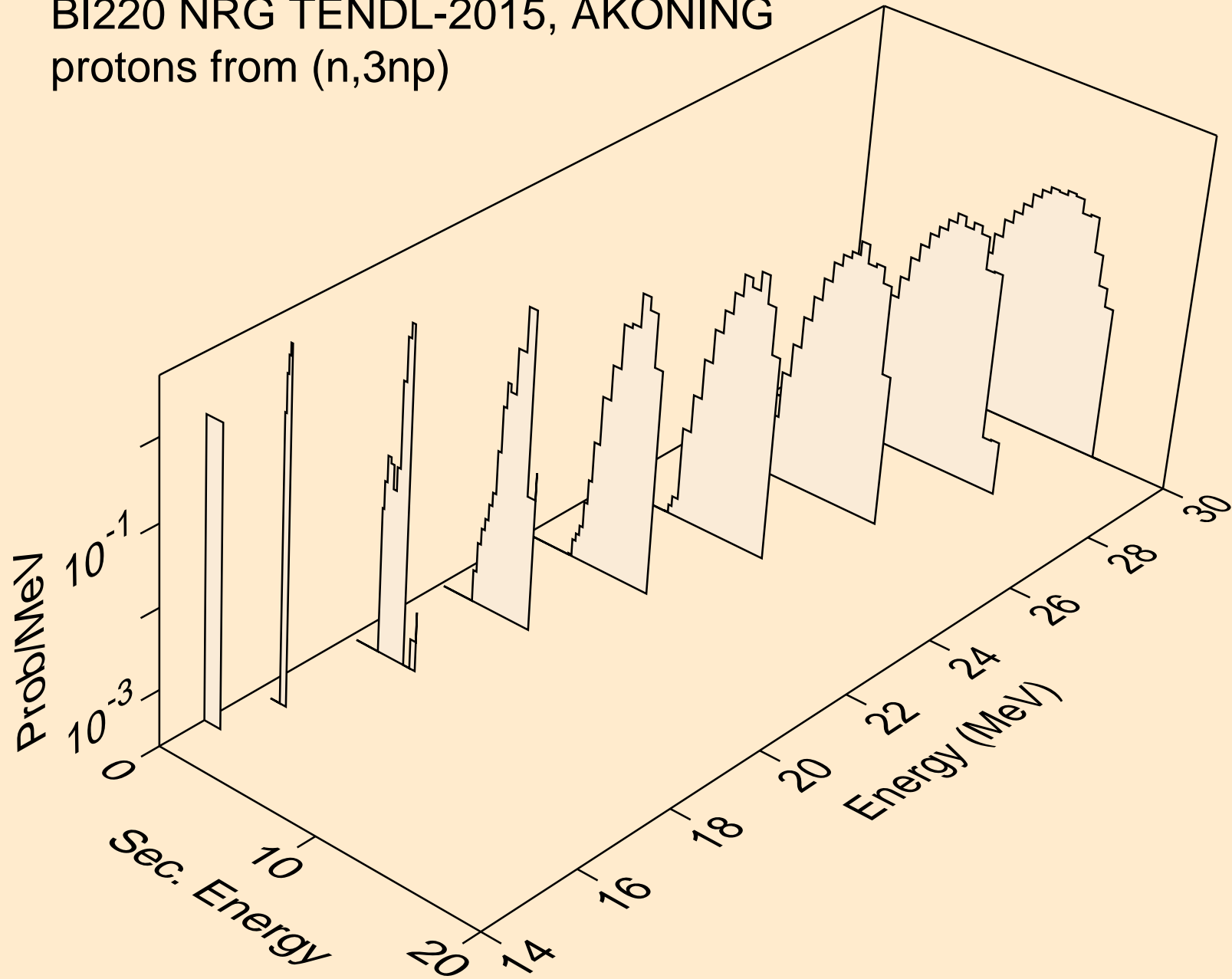


BI220 NRG TENDL-2015, AKONING  
protons from (n,2np)

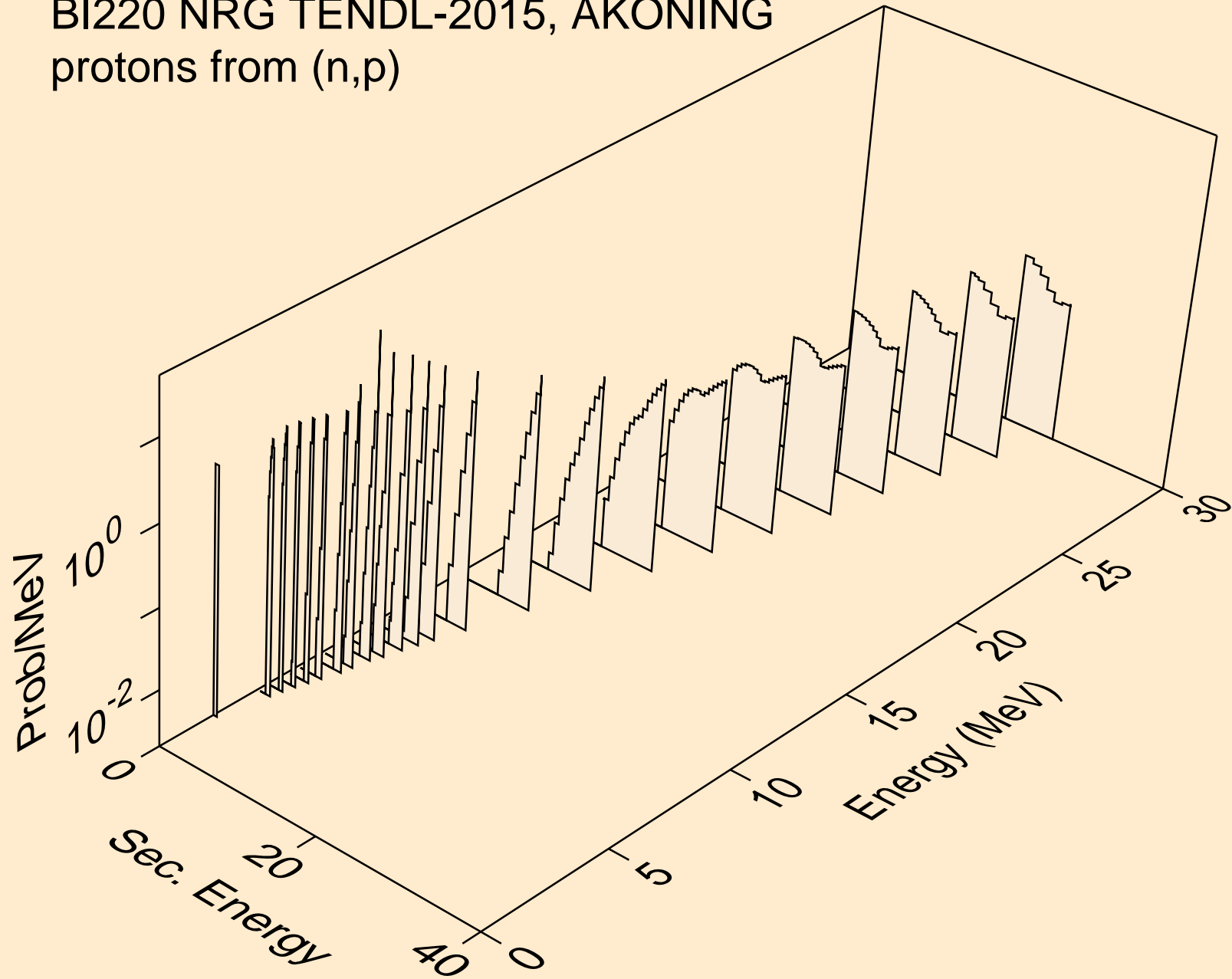




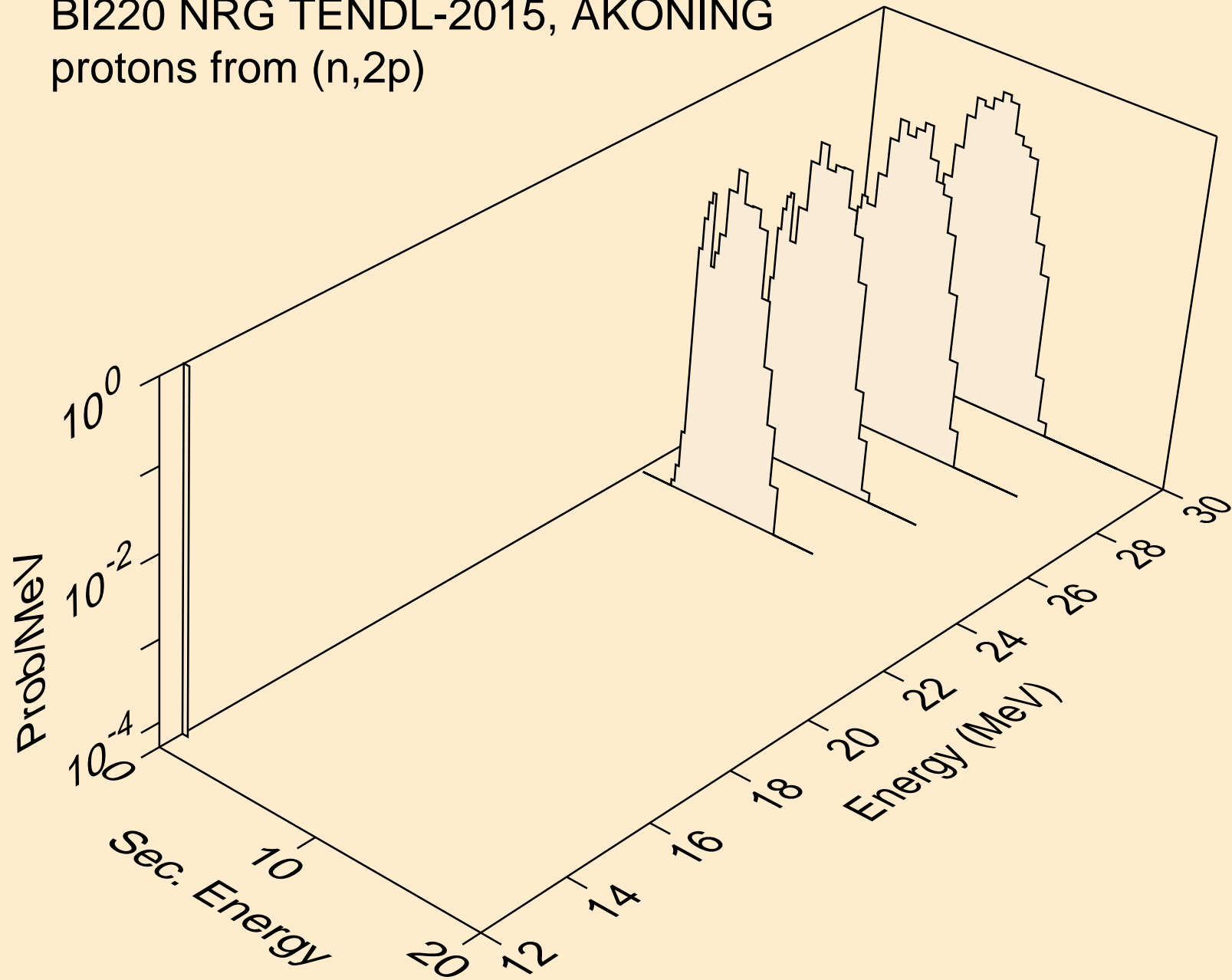
BI220 NRG TENDL-2015, AKONING  
protons from (n,3np)



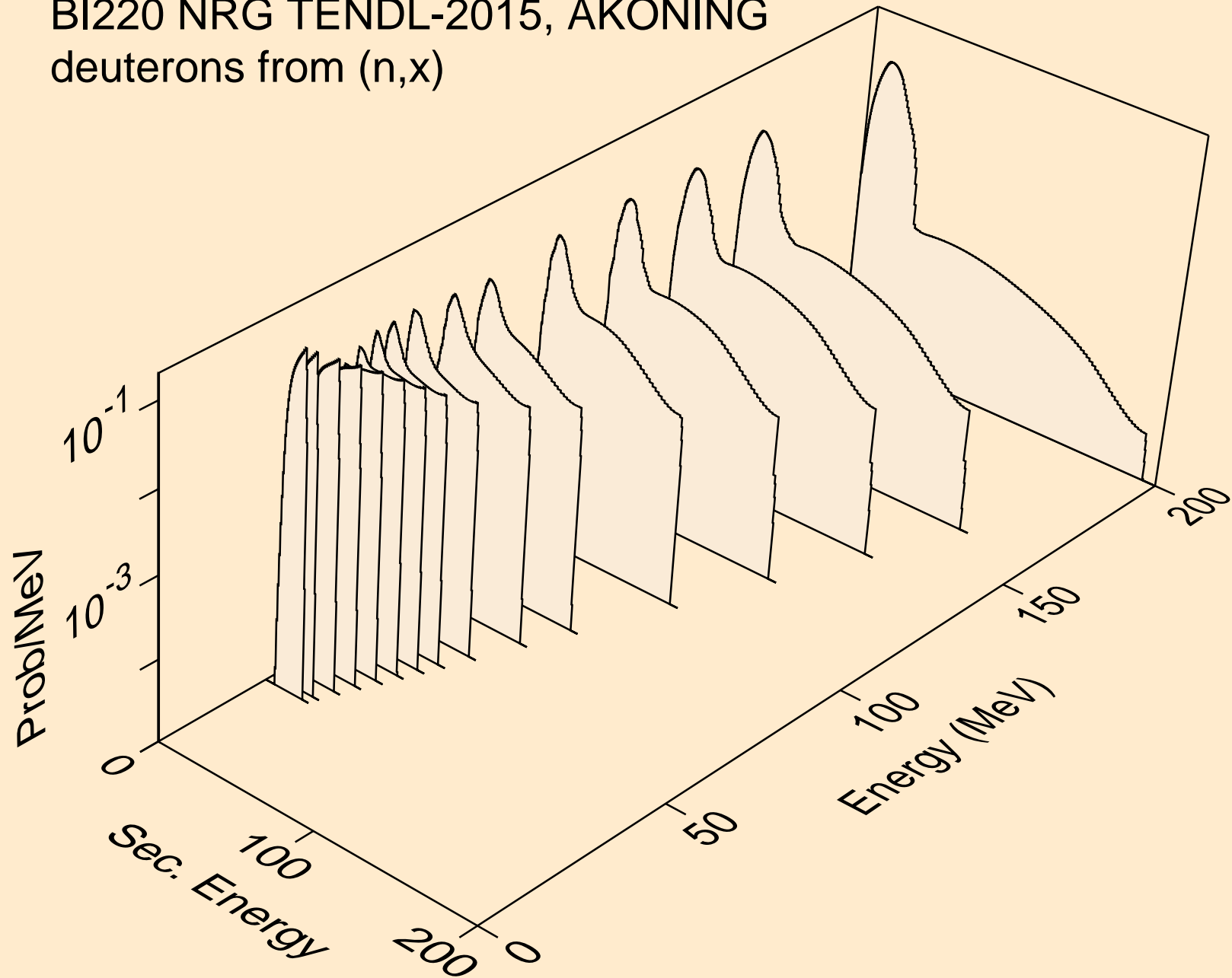
BI220 NRG TENDL-2015, AKONING  
protons from (n,p)



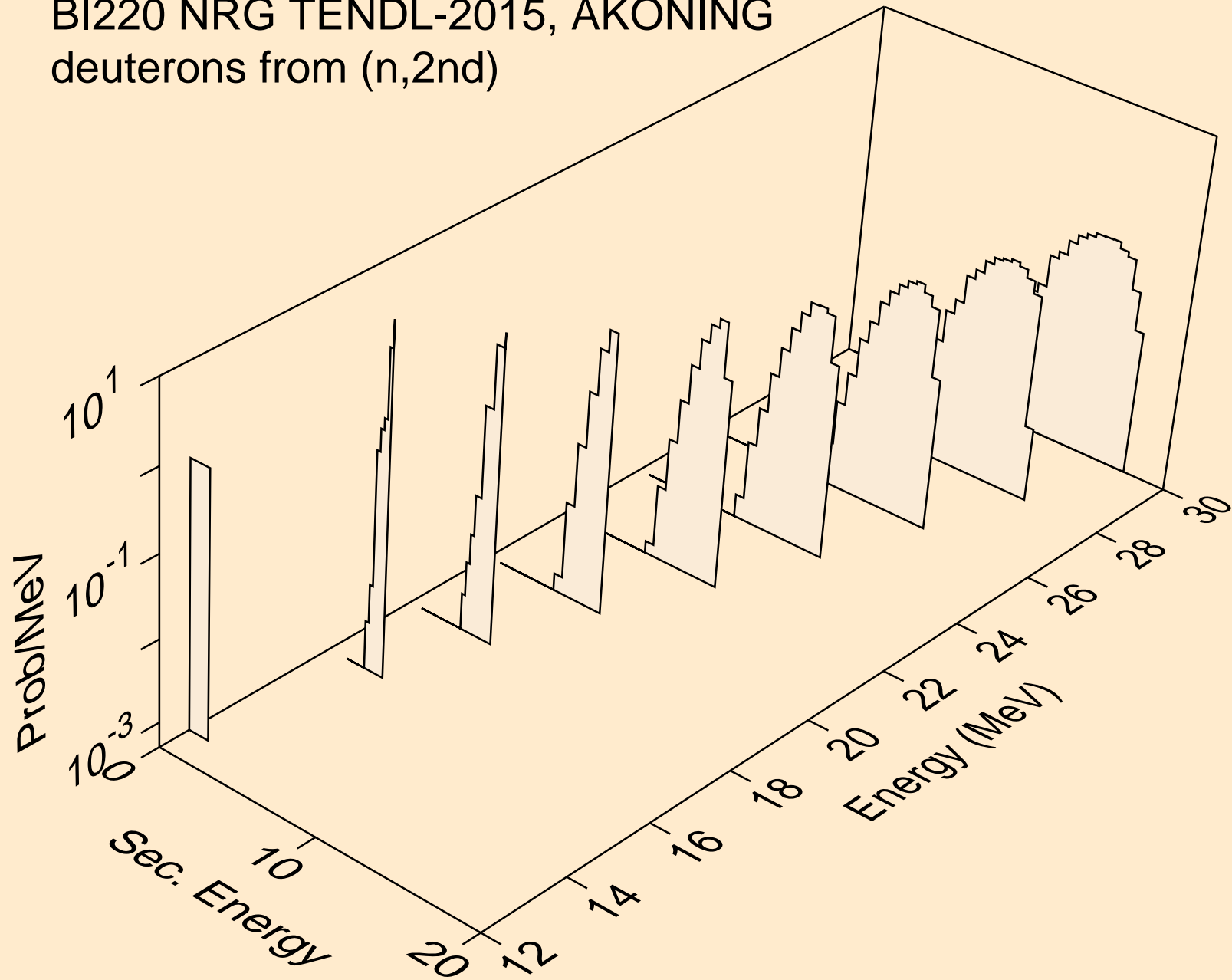
BI220 NRG TENDL-2015, AKONING  
protons from (n,2p)



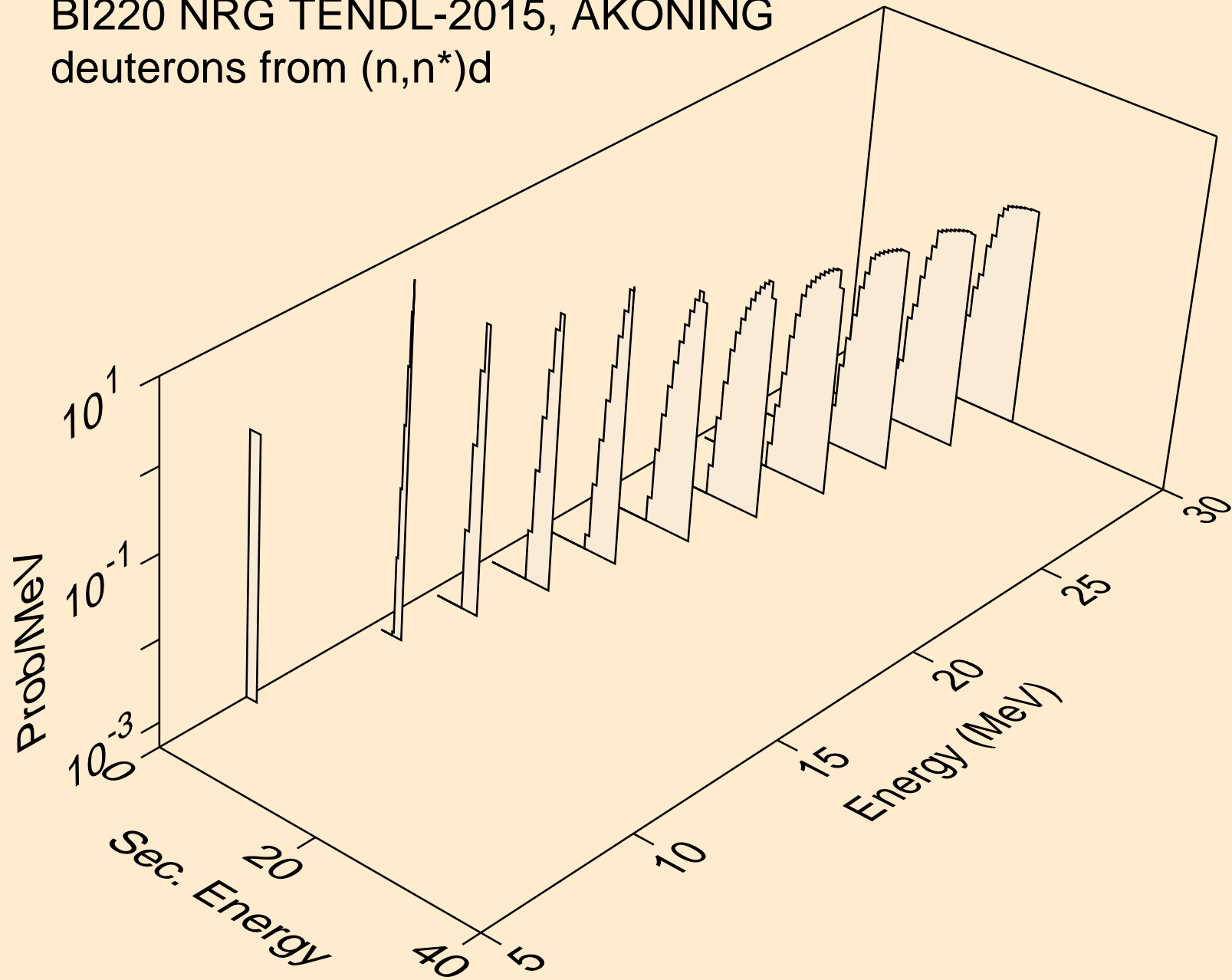
BI220 NRG TENDL-2015, AKONING  
deuterons from (n,x)



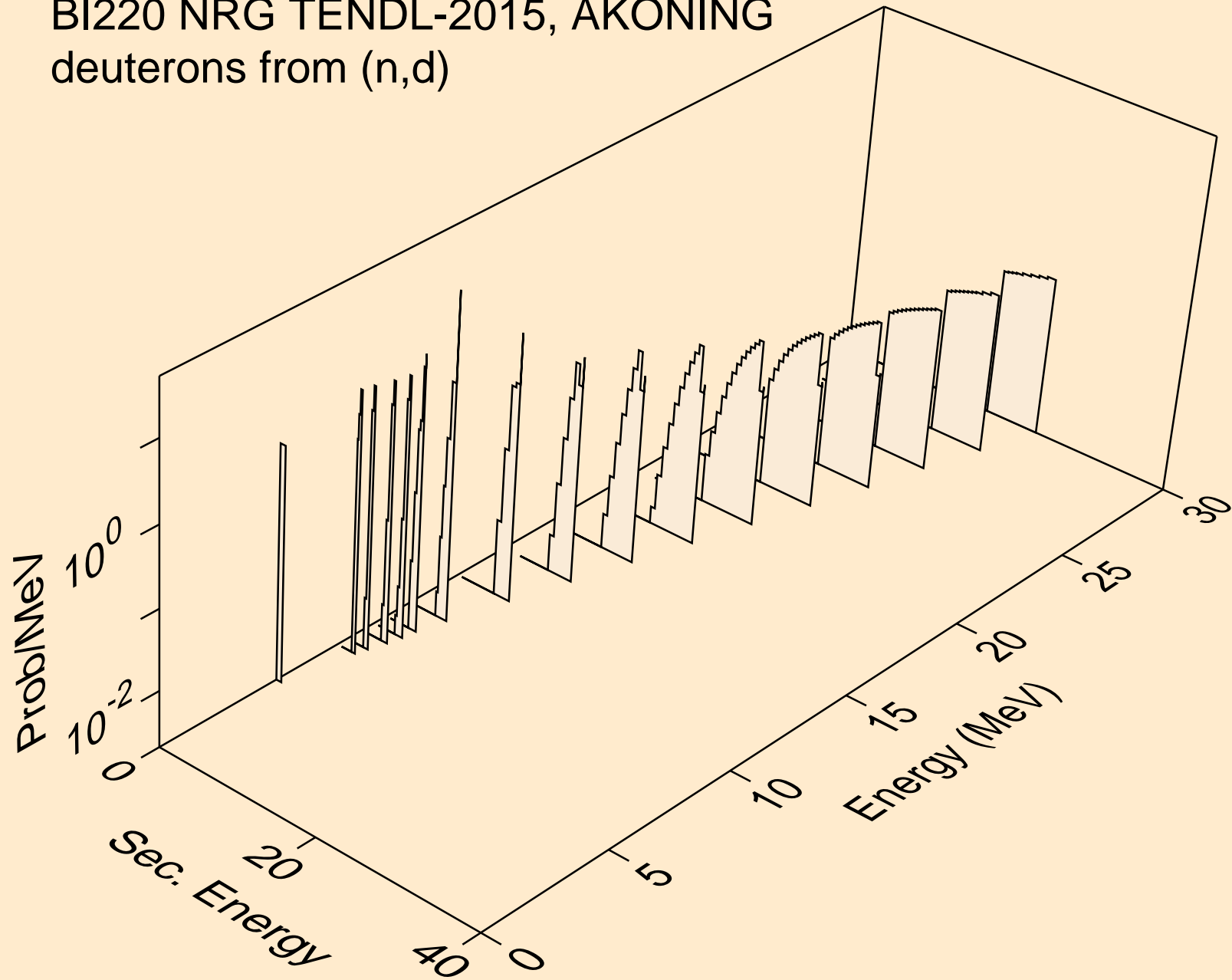
BI220 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



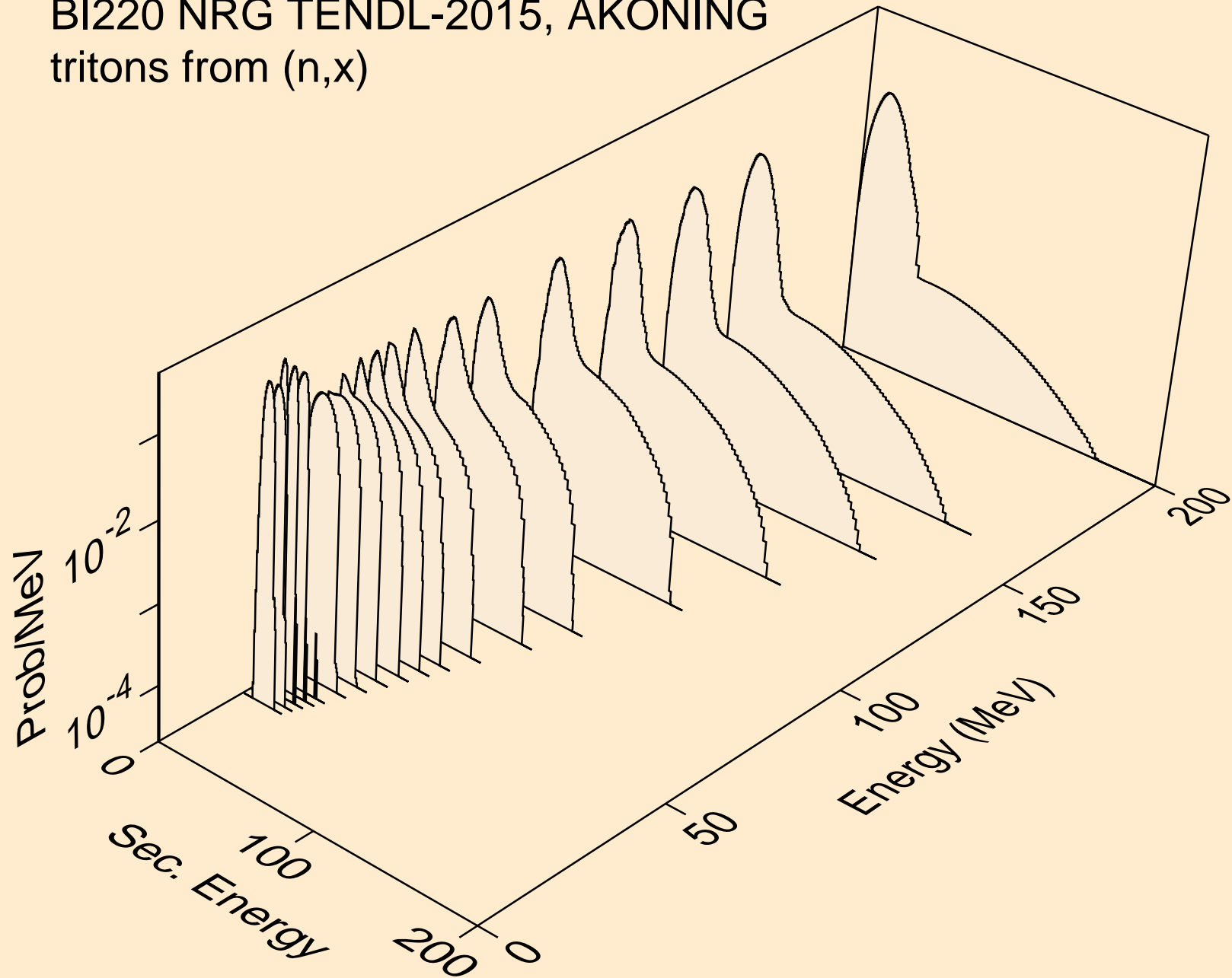
BI220 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



BI220 NRG TENDL-2015, AKONING  
deuterons from (n,d)

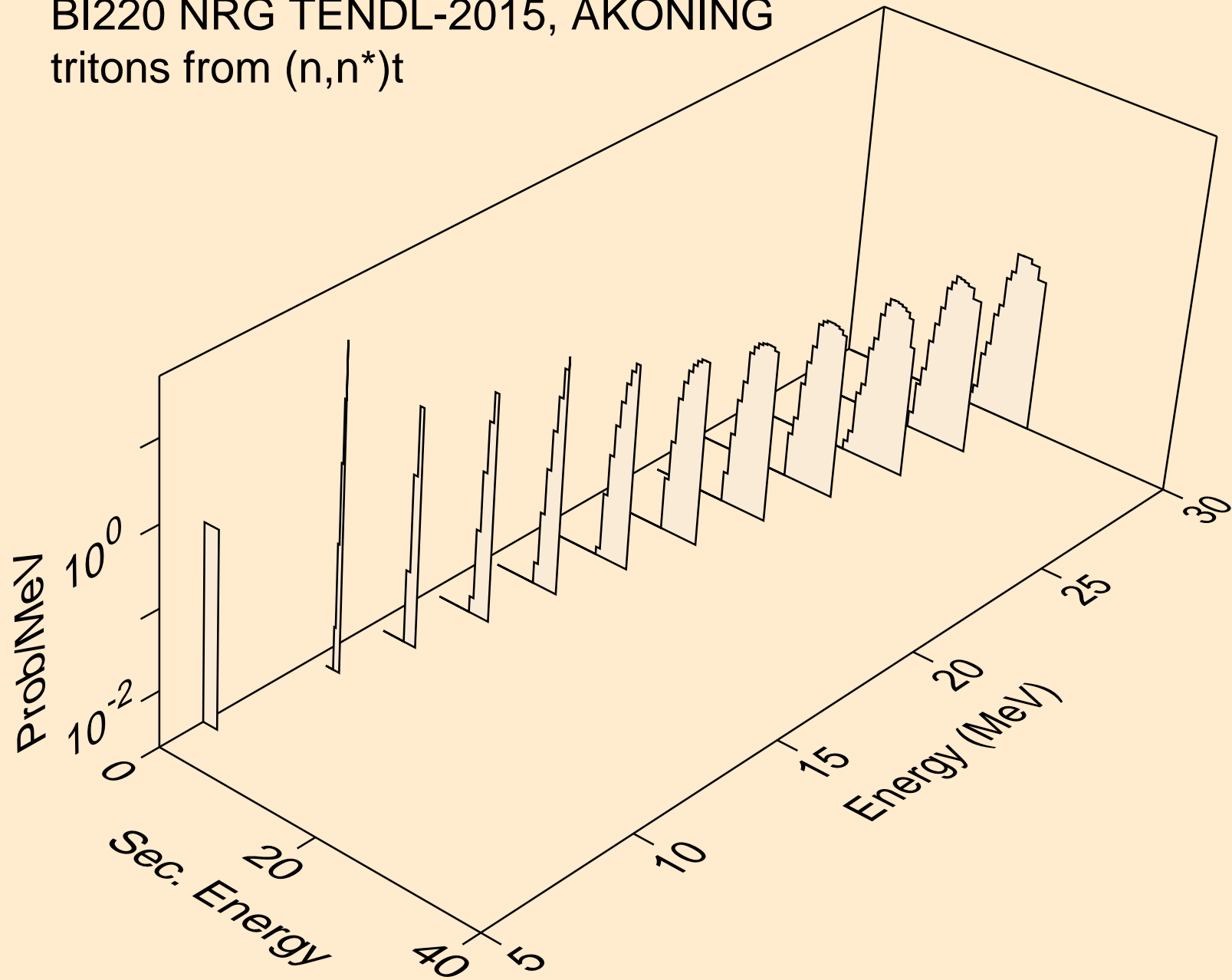


BI220 NRG TENDL-2015, AKONING  
tritons from (n,x)

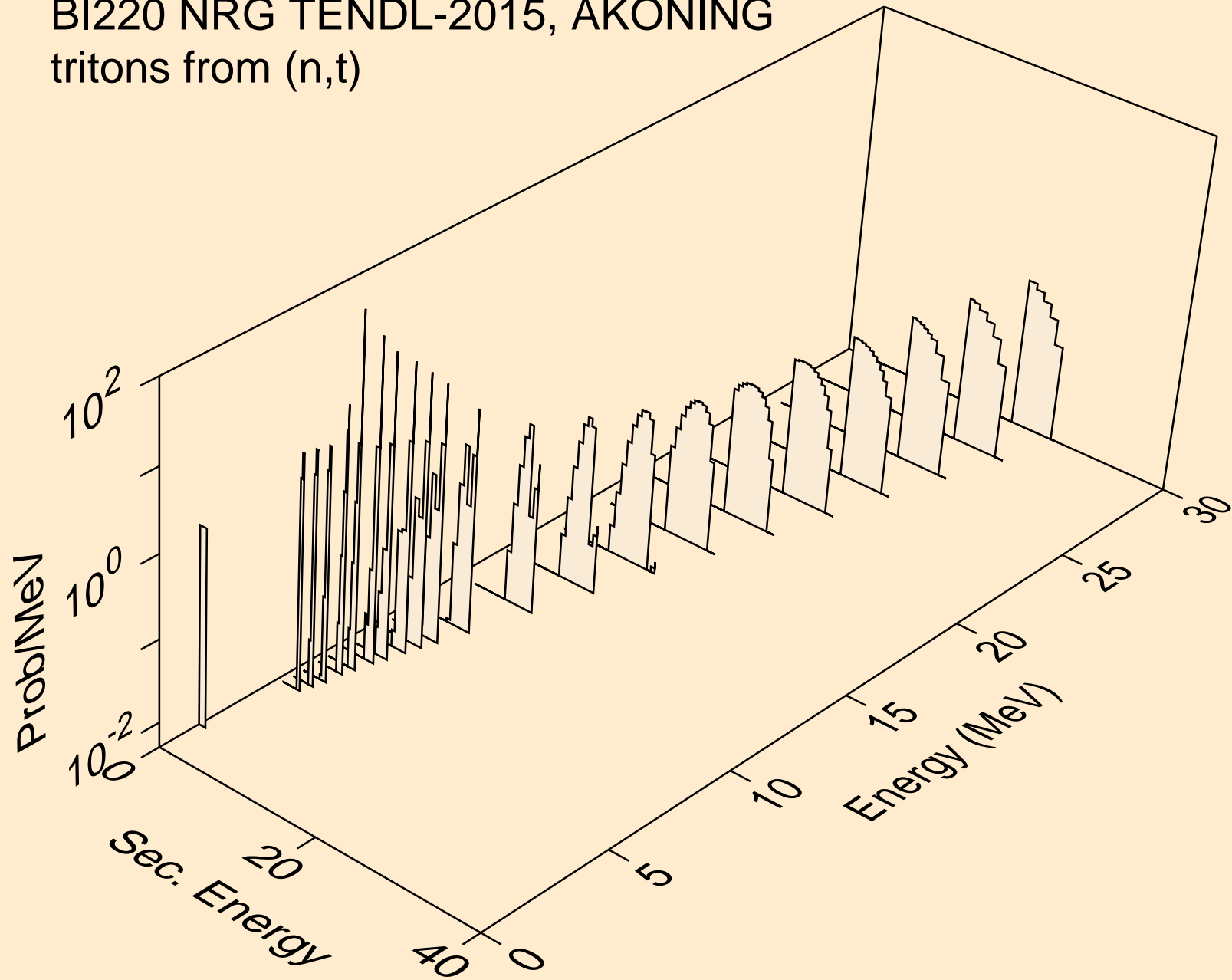




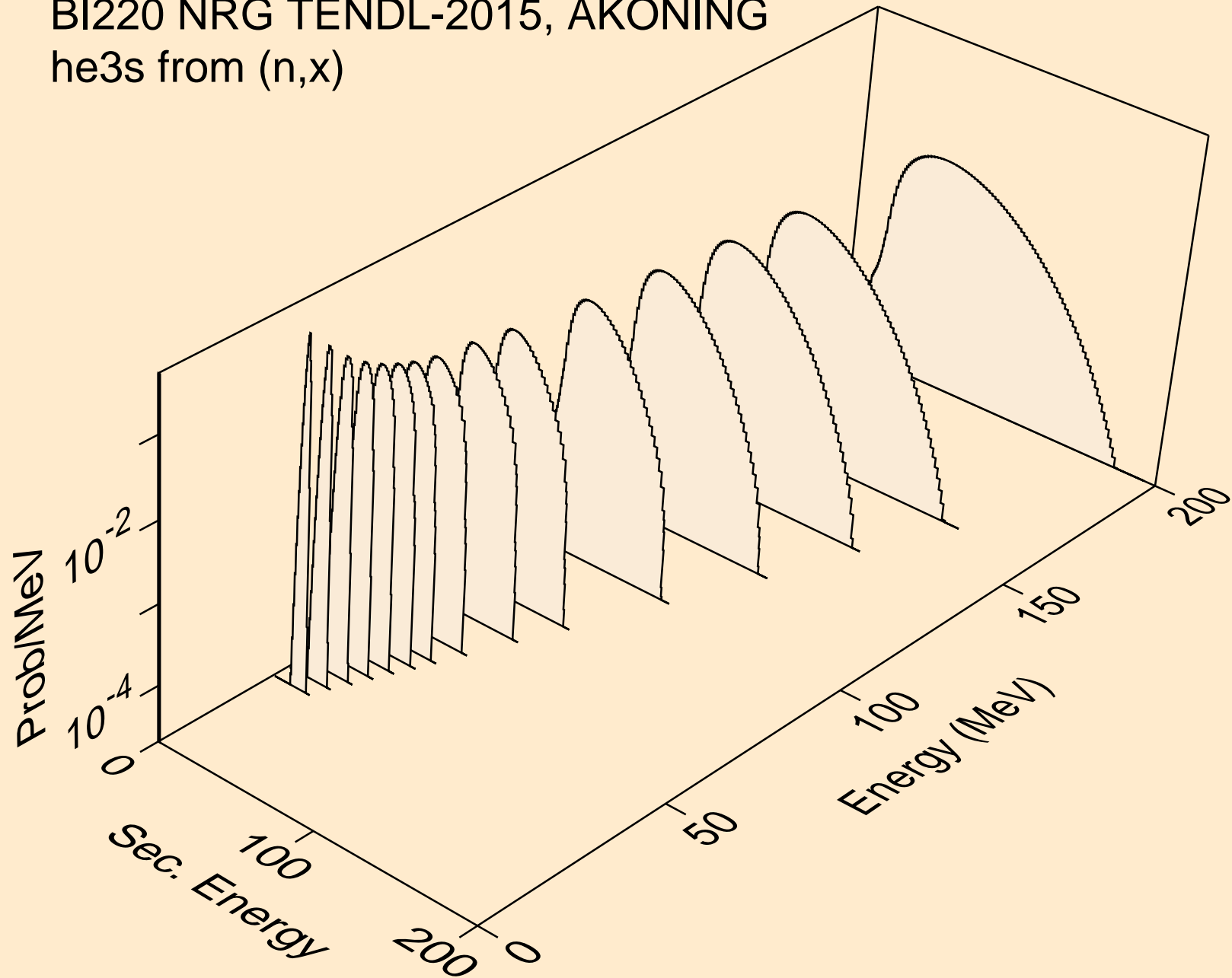
BI220 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



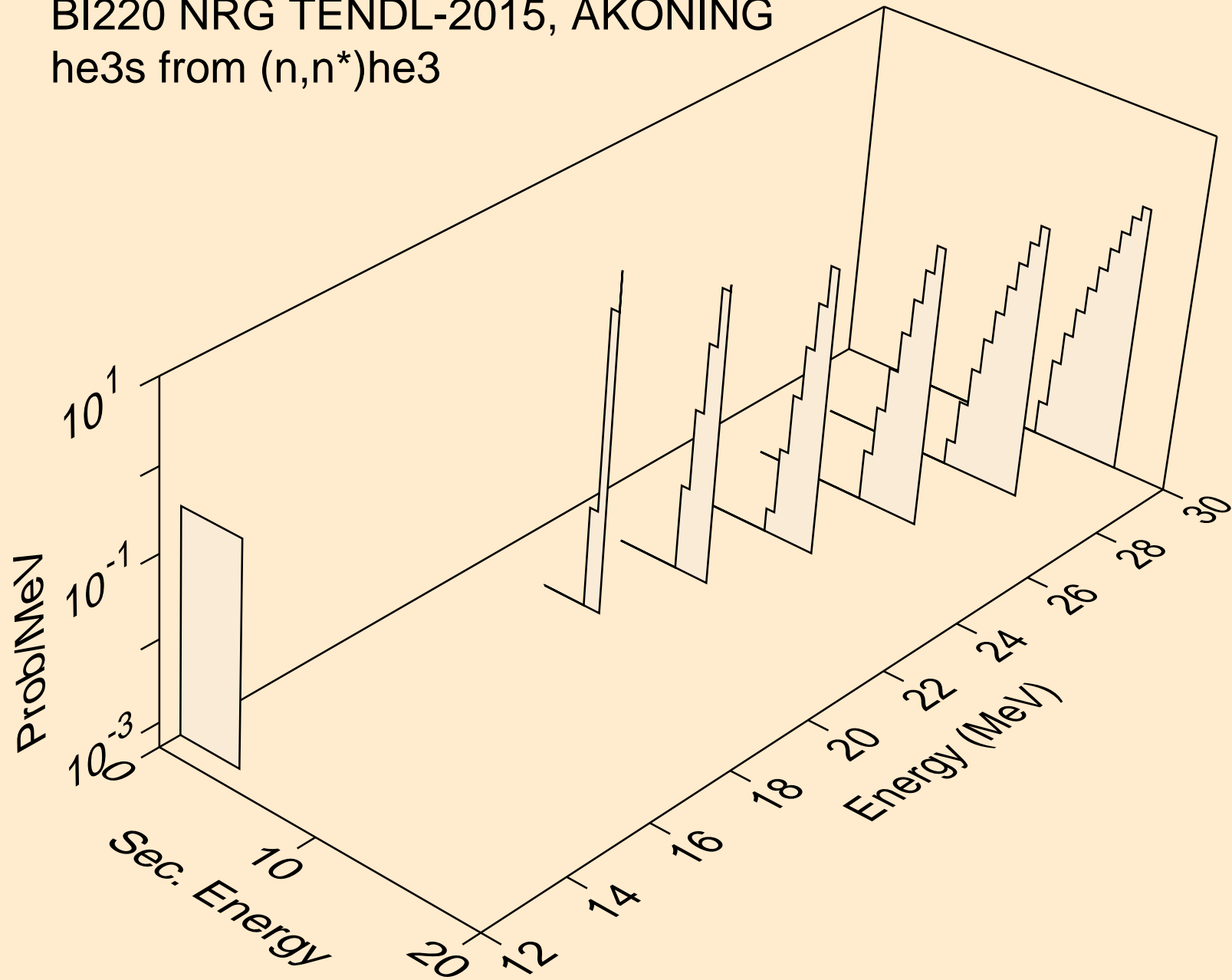
BI220 NRG TENDL-2015, AKONING  
tritons from (n,t)



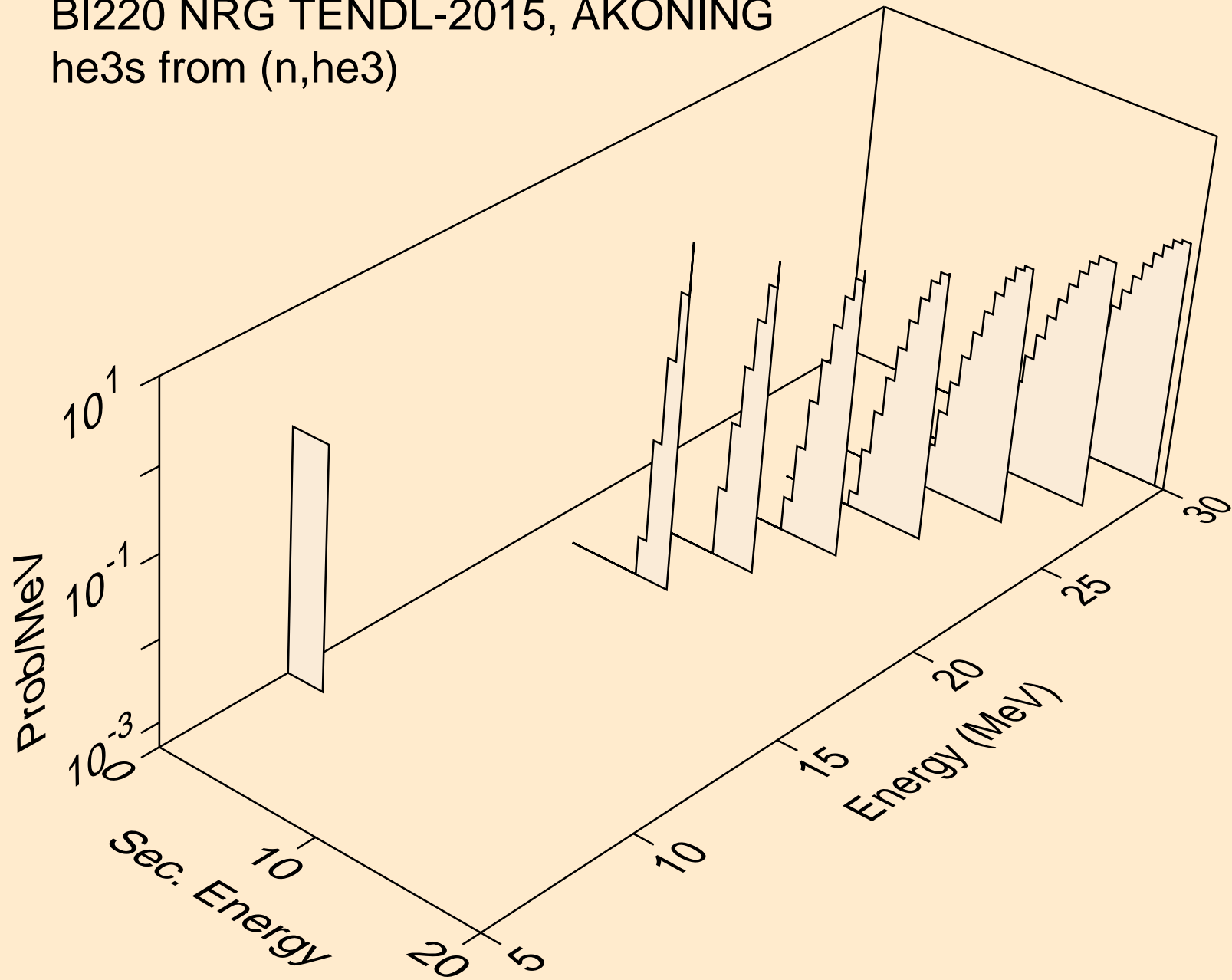
BI220 NRG TENDL-2015, AKONING  
he3s from (n,x)



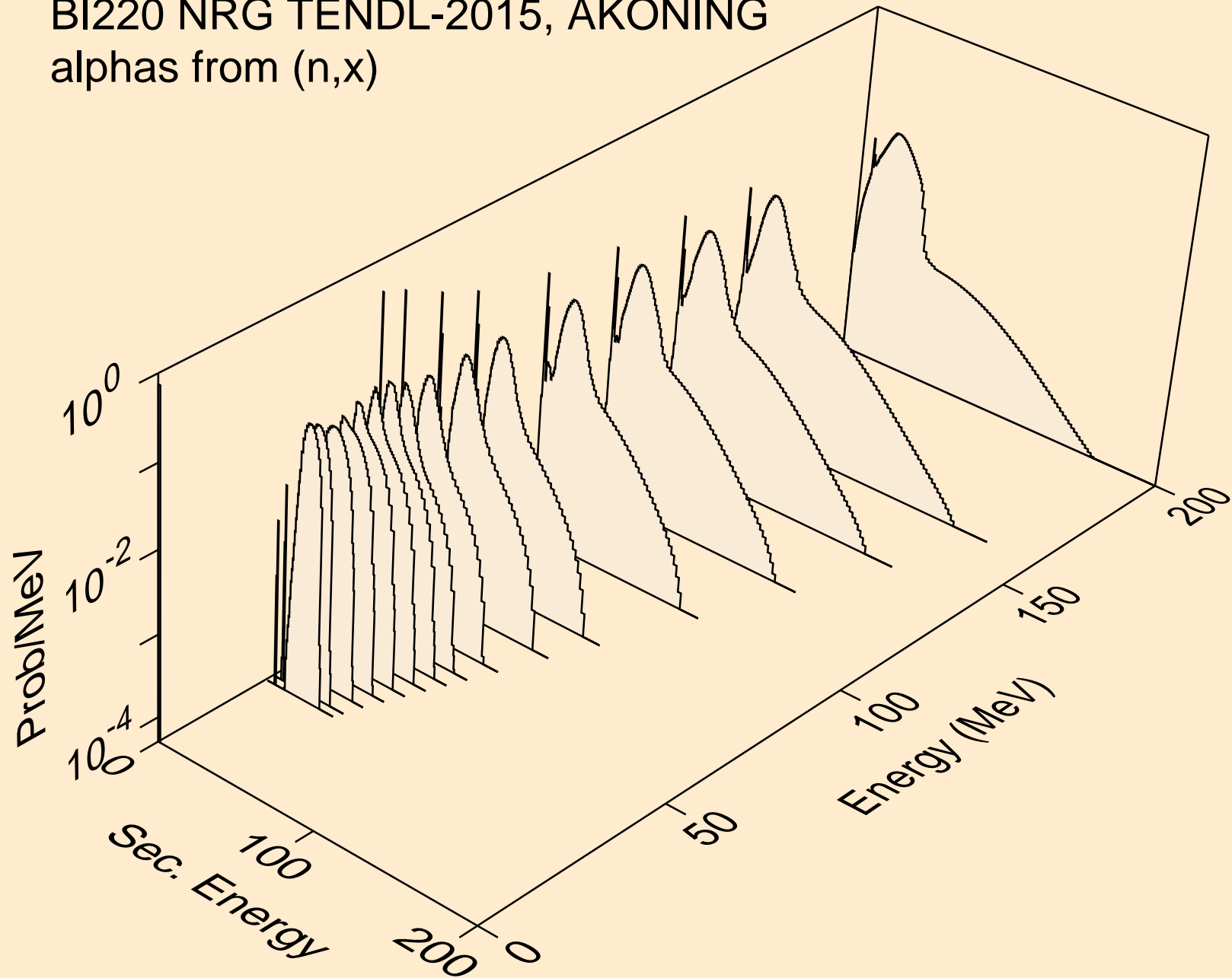
BI220 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



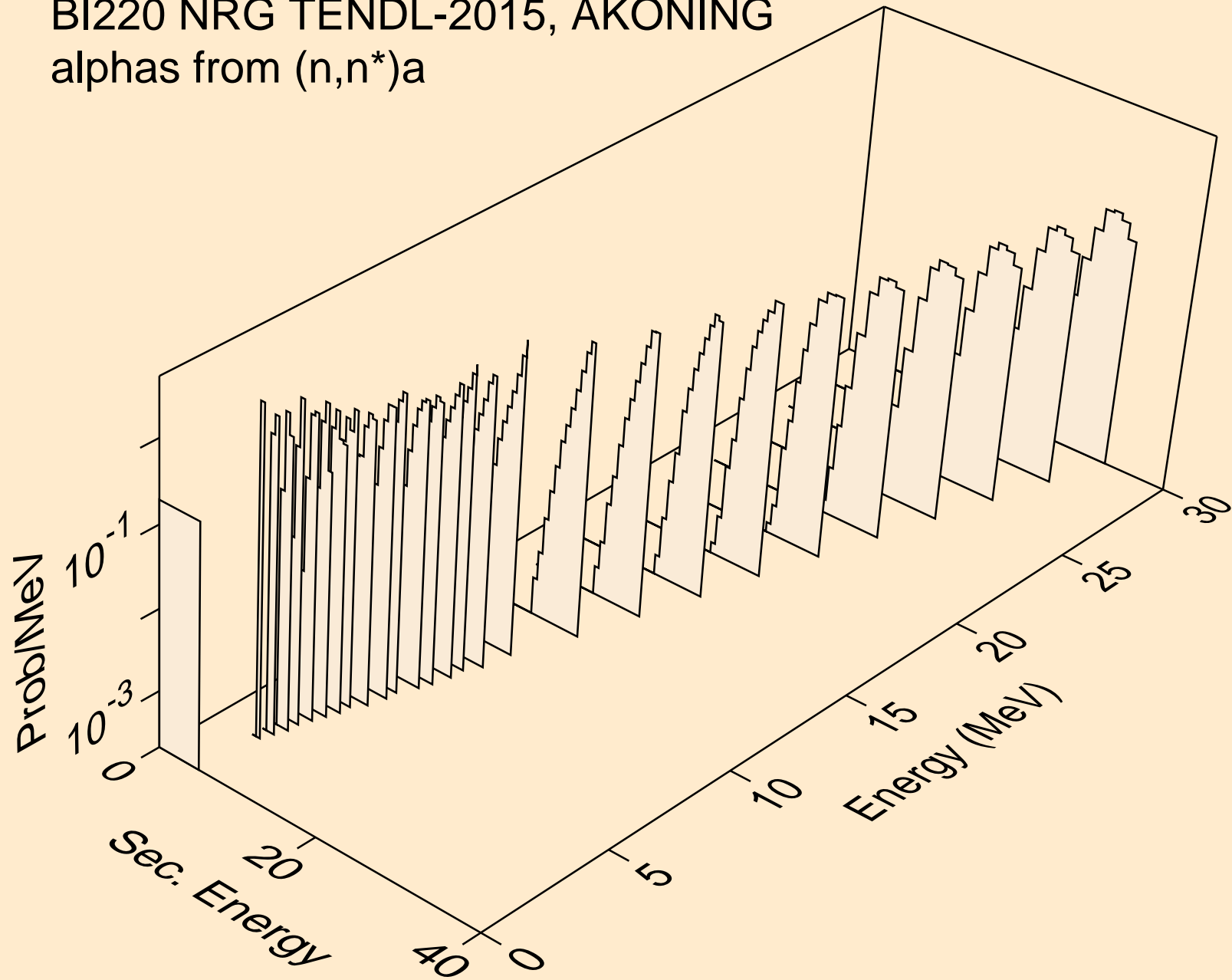
BI220 NRG TENDL-2015, AKONING  
he3s from (n,he3)



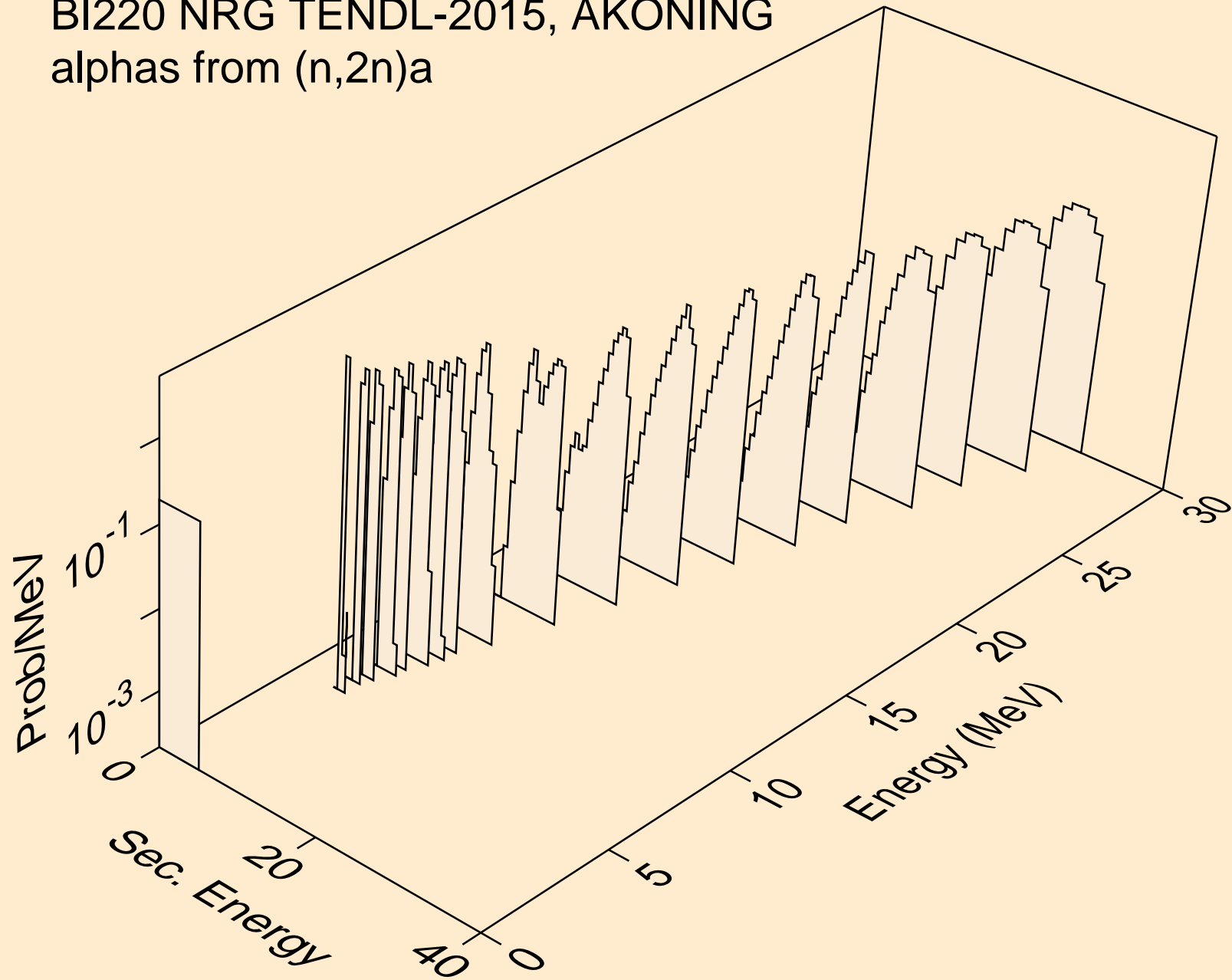
BI220 NRG TENDL-2015, AKONING  
alphas from (n,x)



BI220 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a

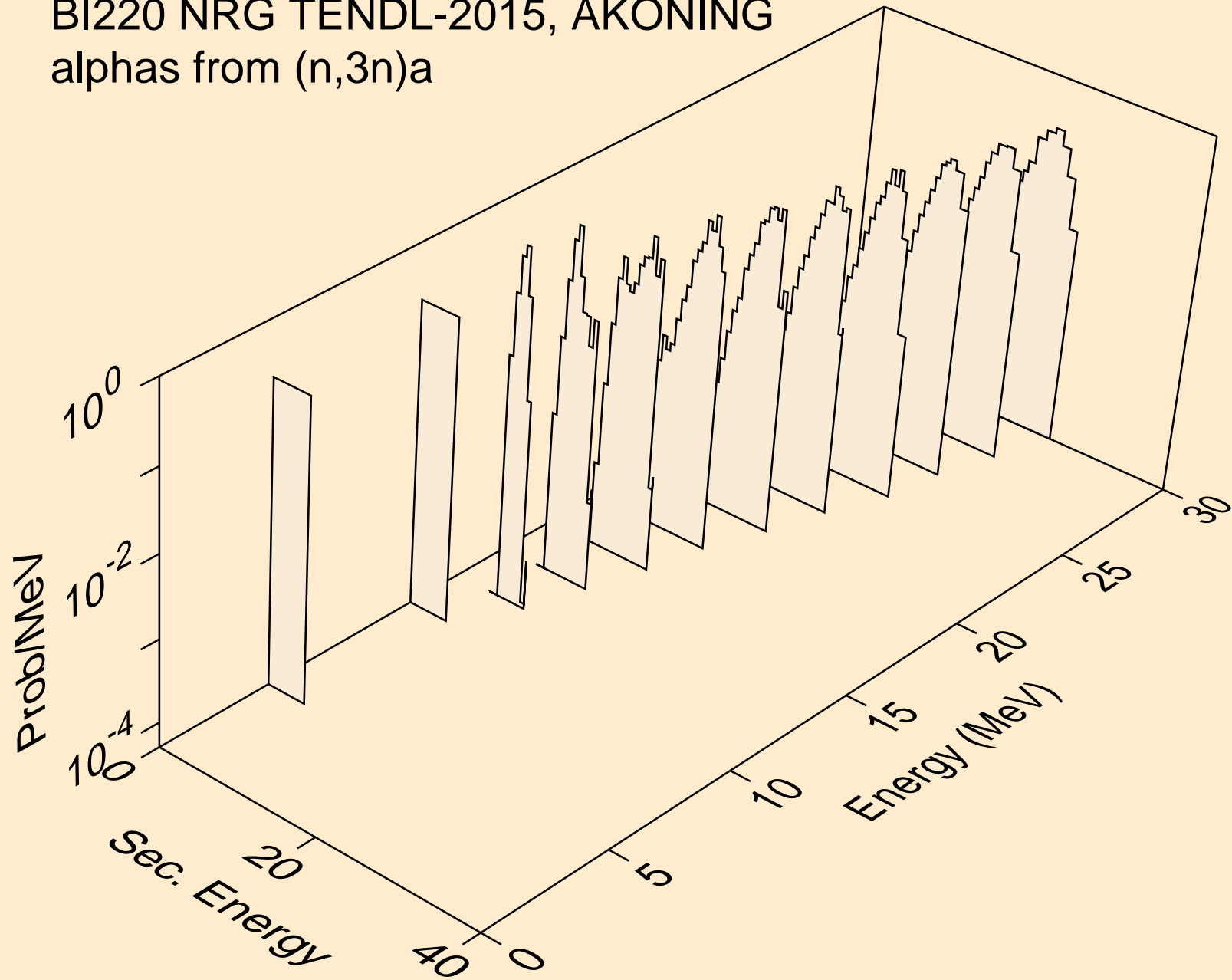


BI220 NRG TENDL-2015, AKONING  
alphas from (n,2n)a





BI220 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



BI220 NRG TENDL-2015, AKONING  
alphas from (n,a)

