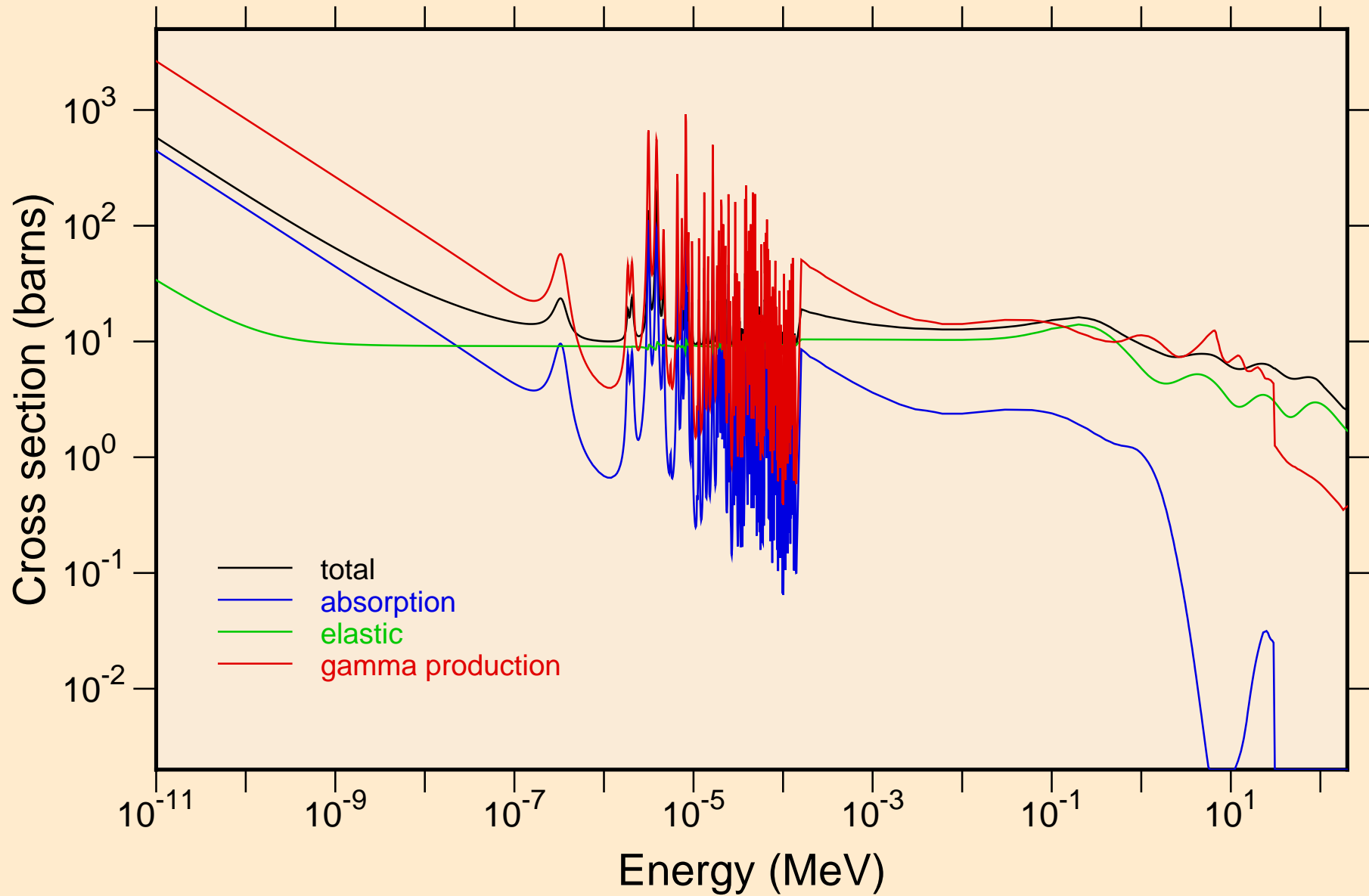
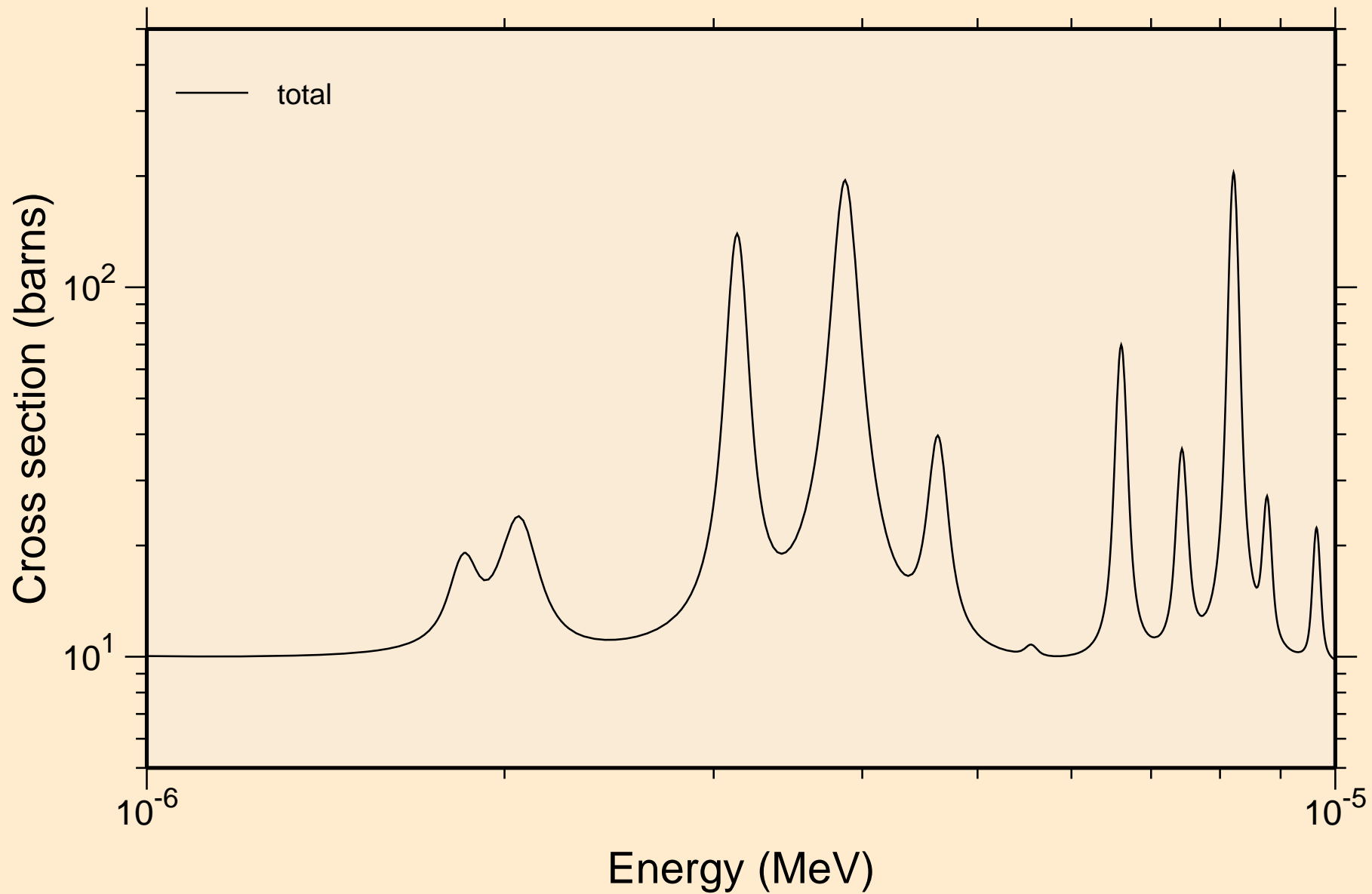


# MD257 NRG TENDL-2015, AKONING

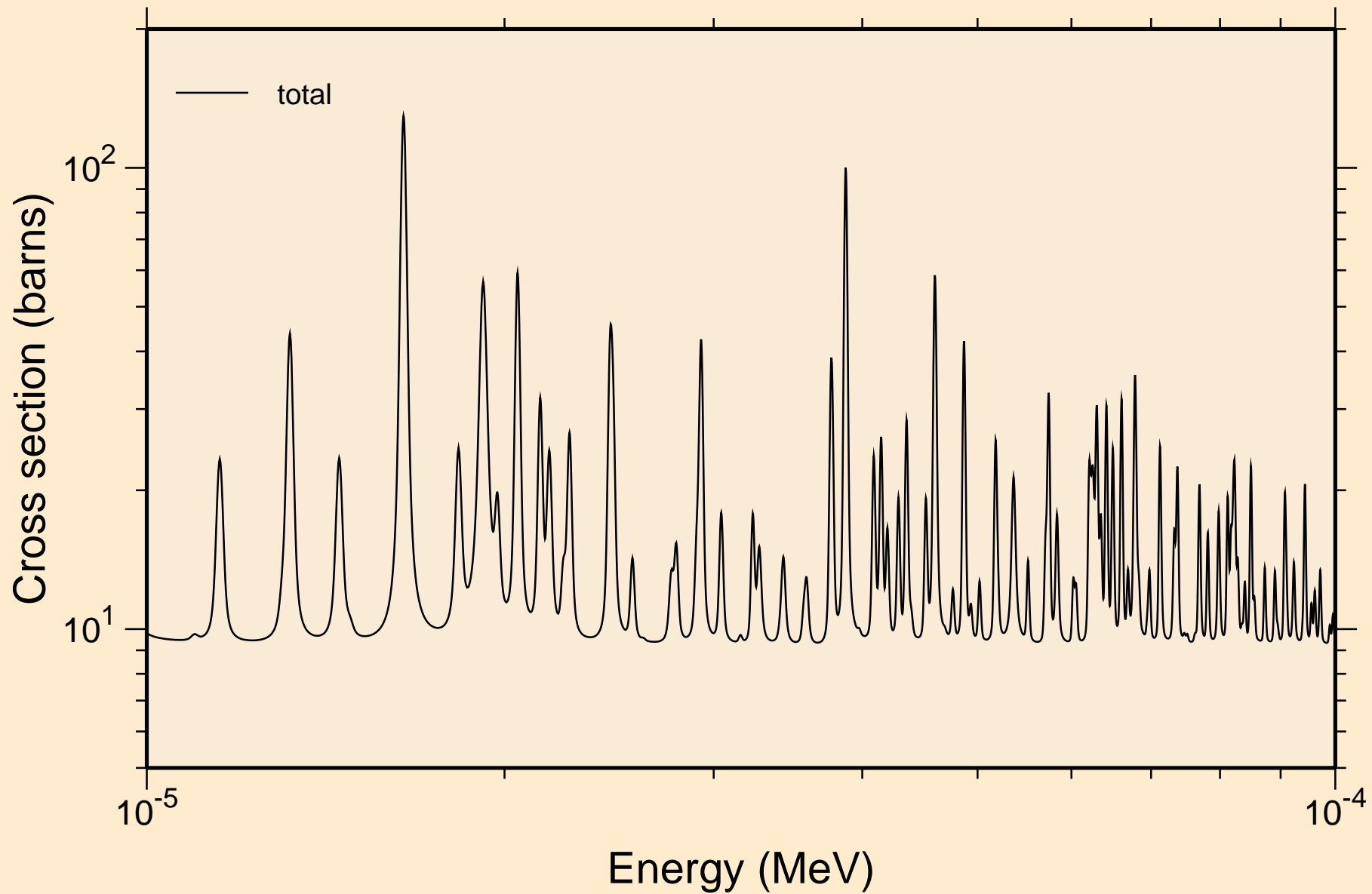
## Principal cross sections



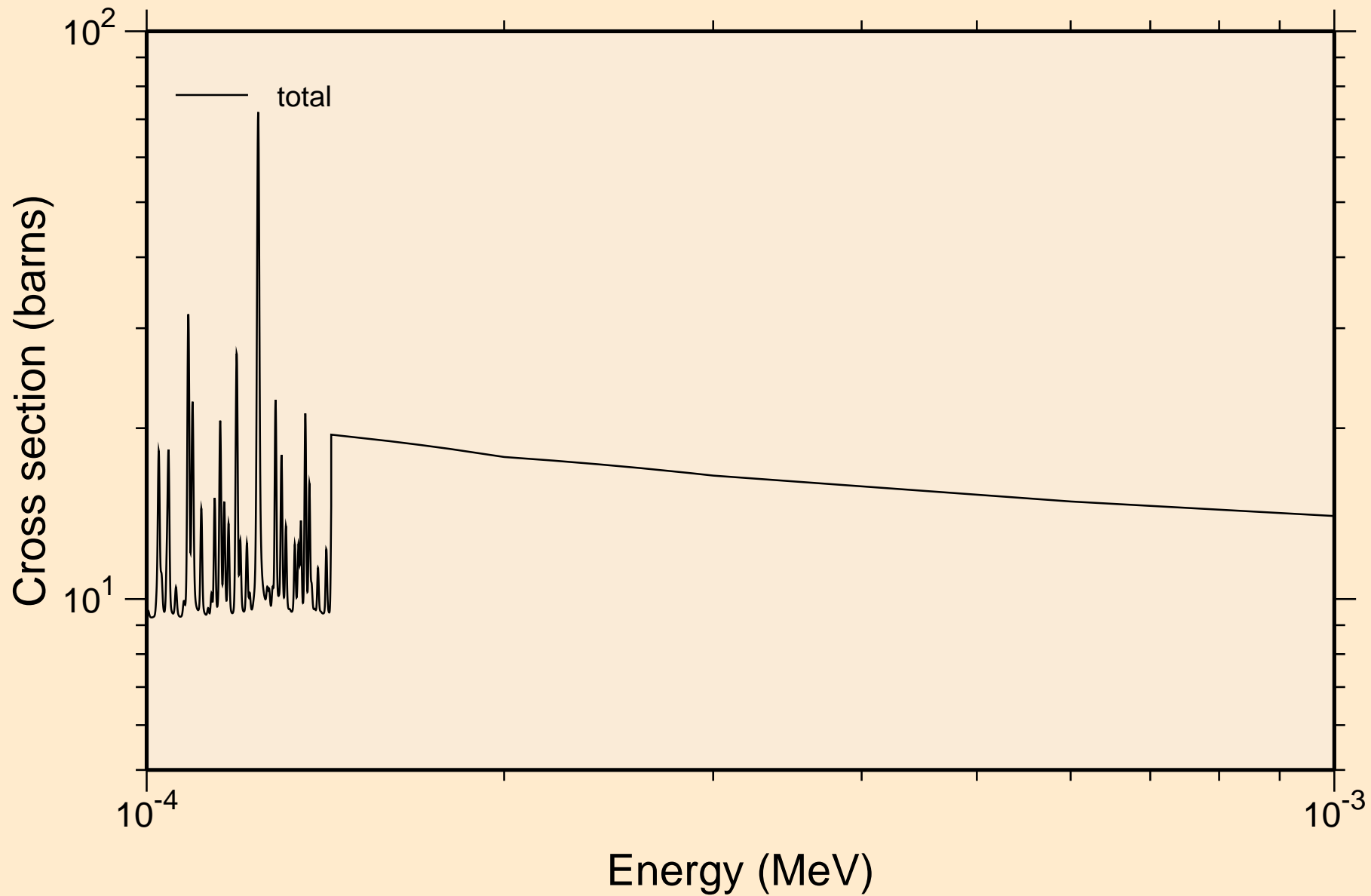
MD257 NRG TENDL-2015, AKONING  
resonance total cross section



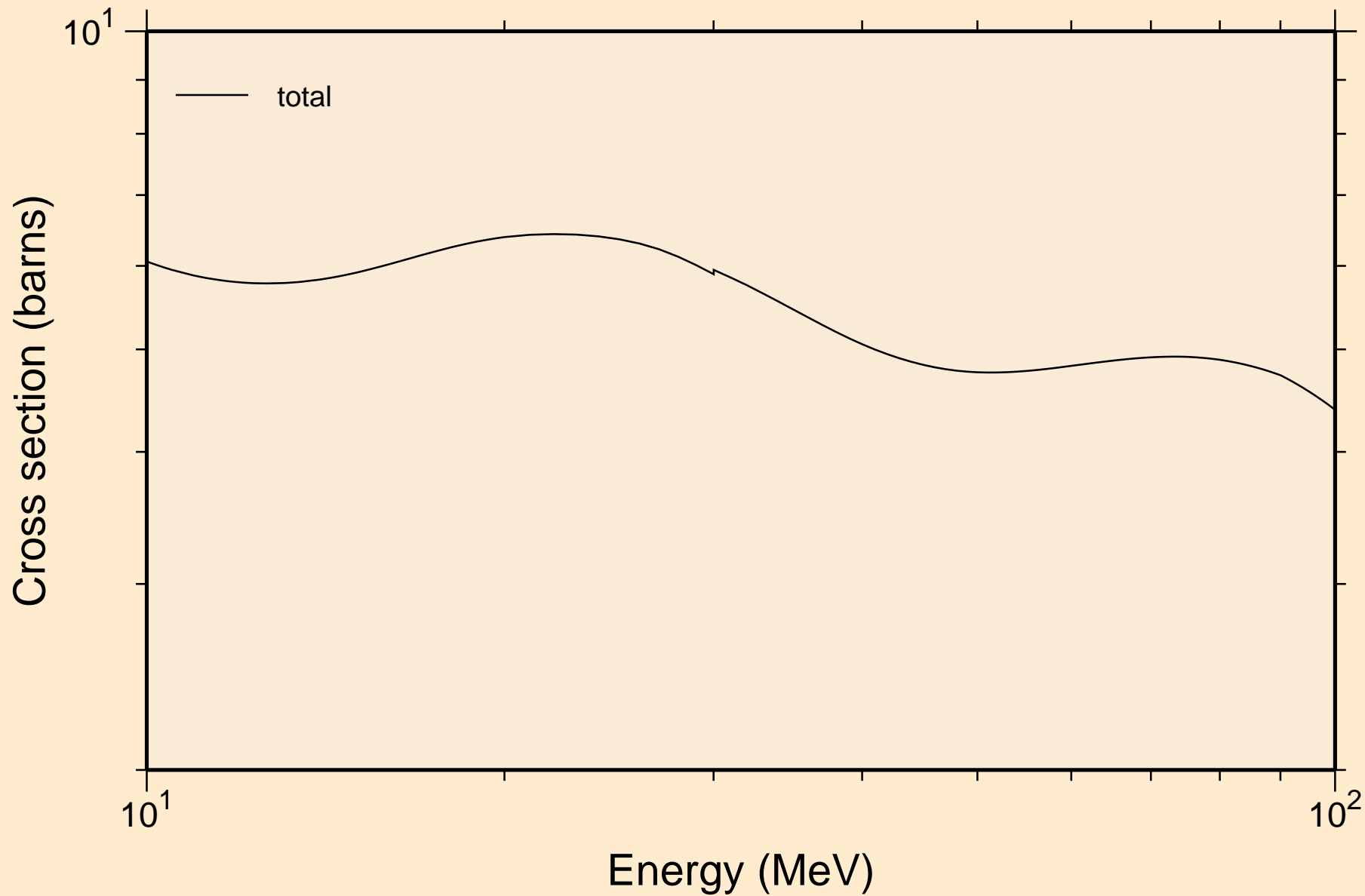
MD257 NRG TENDL-2015, AKONING  
resonance total cross section



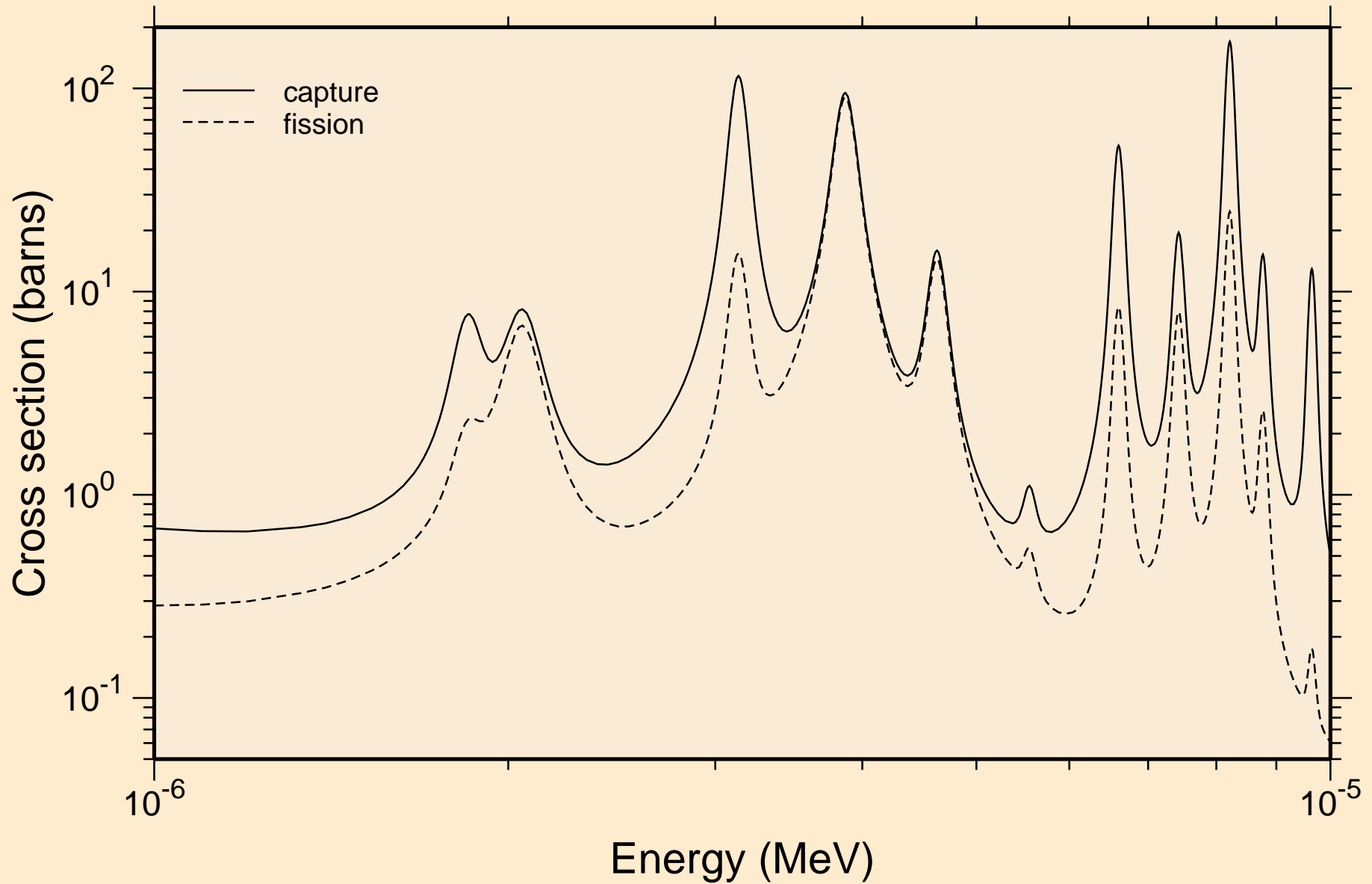
MD257 NRG TENDL-2015, AKONING  
resonance total cross section



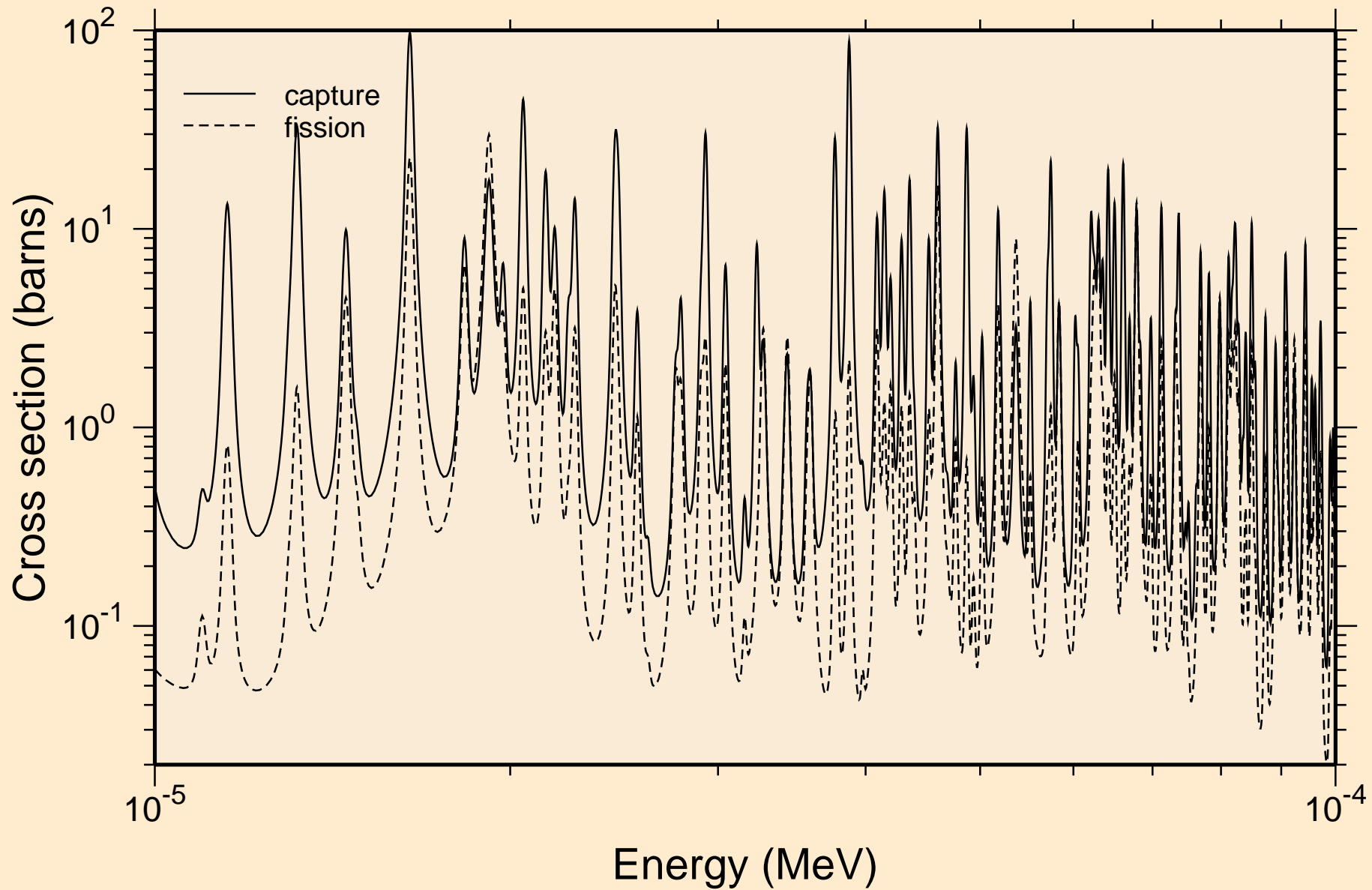
MD257 NRG TENDL-2015, AKONING  
resonance total cross section



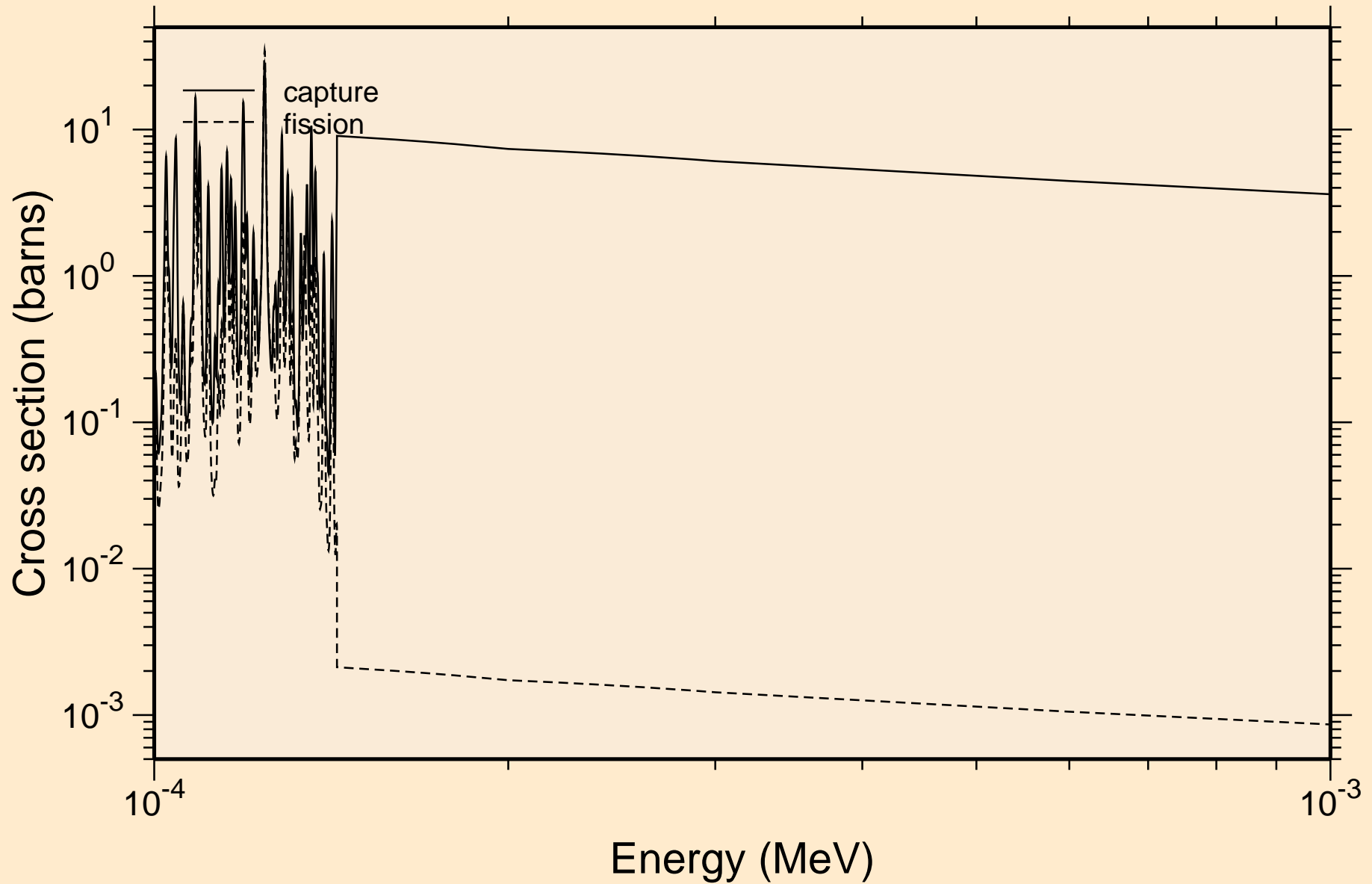
MD257 NRG TENDL-2015, AKONING  
resonance absorption cross sections



# MD257 NRG TENDL-2015, AKONING resonance absorption cross sections

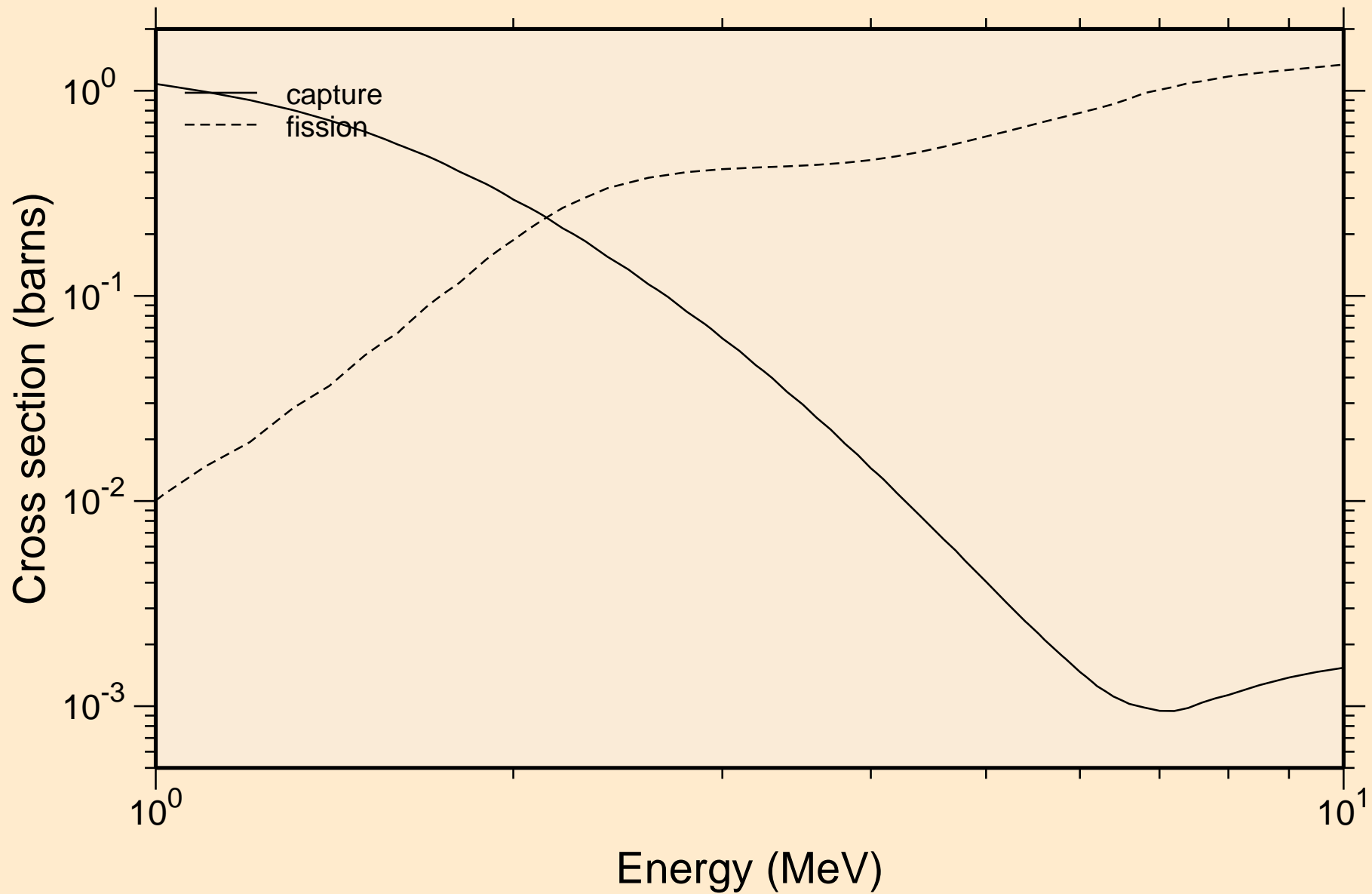


MD257 NRG TENDL-2015, AKONING  
resonance absorption cross sections



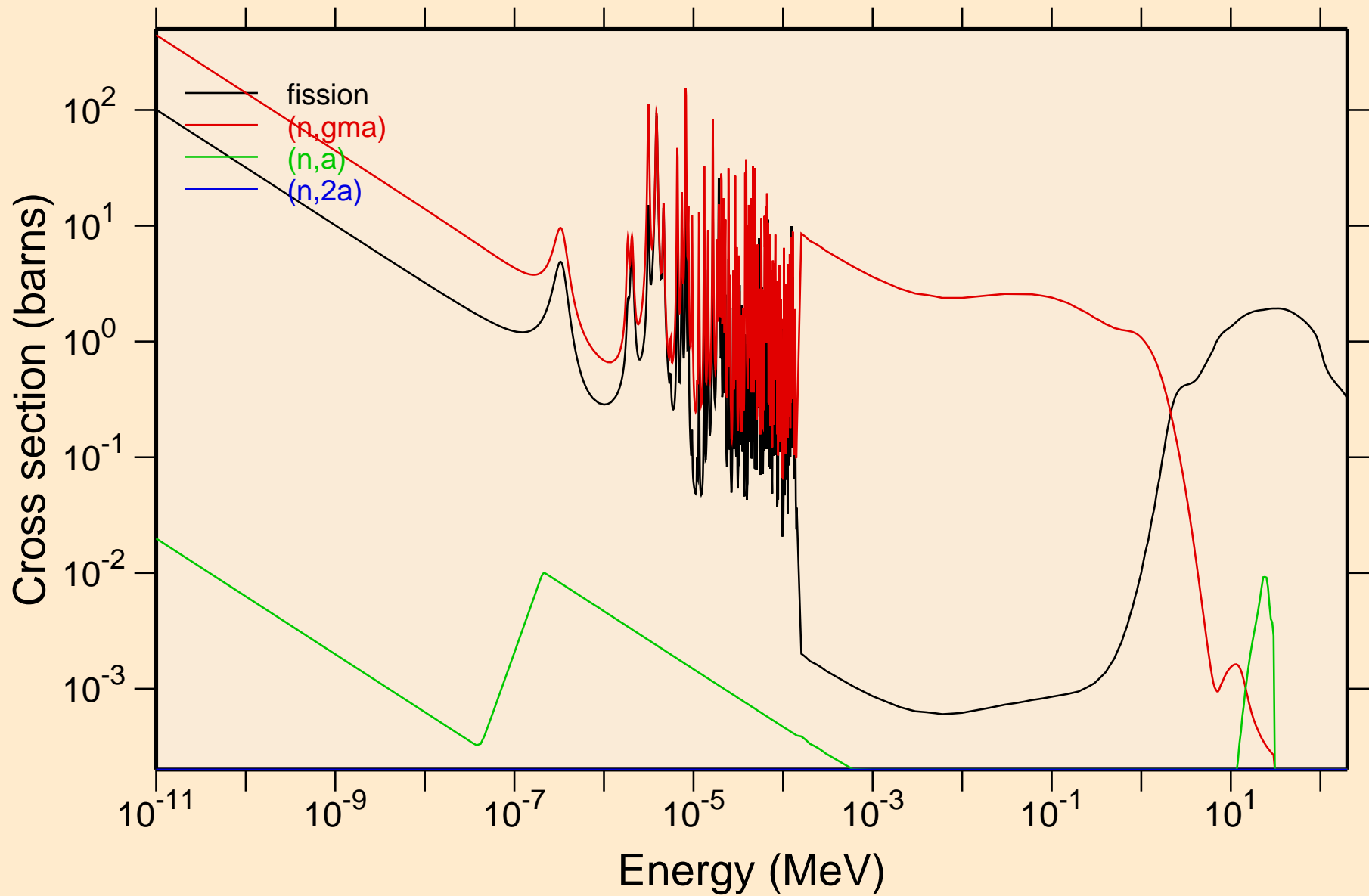


MD257 NRG TENDL-2015, AKONING  
resonance absorption cross sections



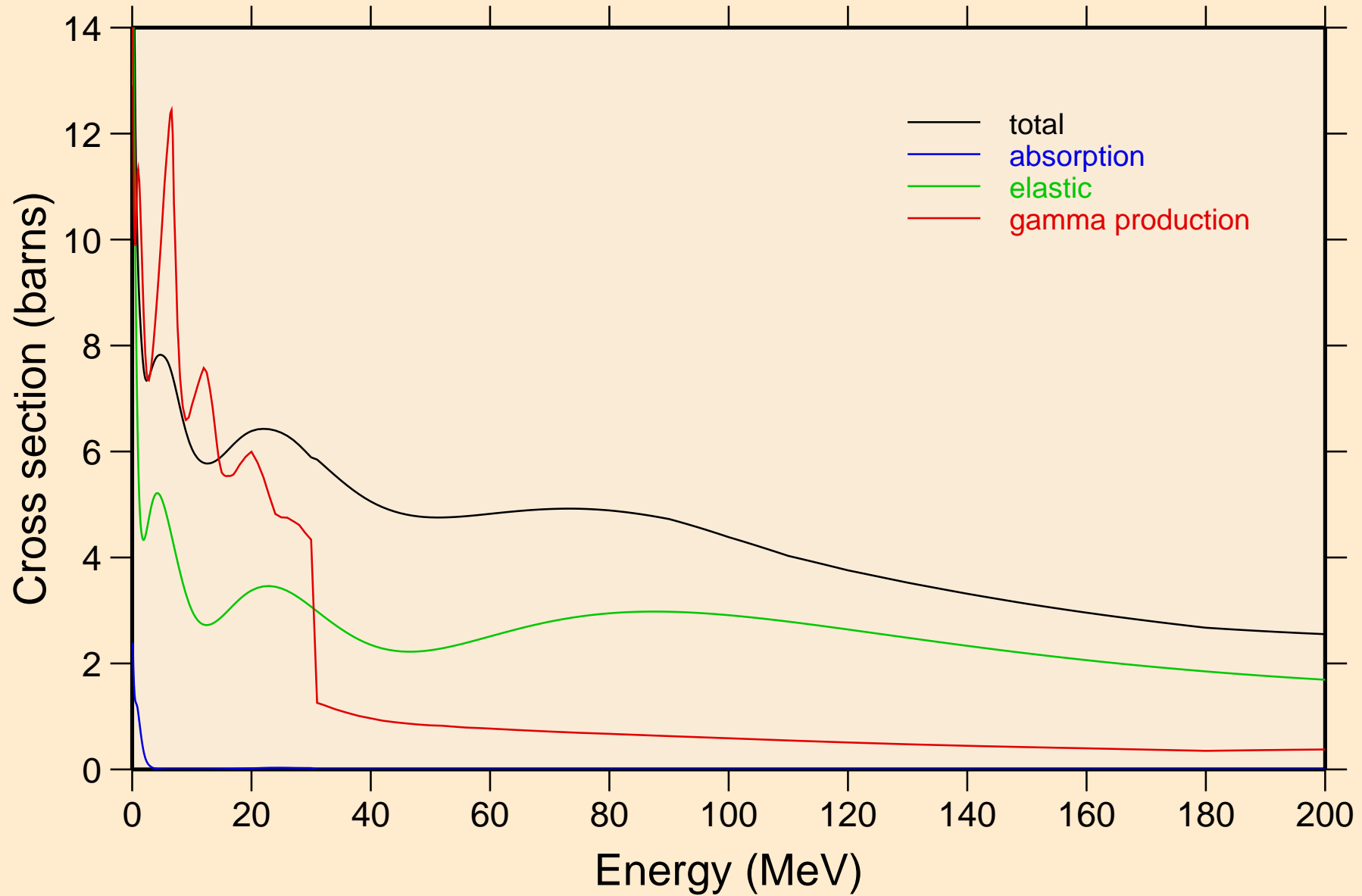
# MD257 NRG TENDL-2015, AKONING

## Non-threshold reactions



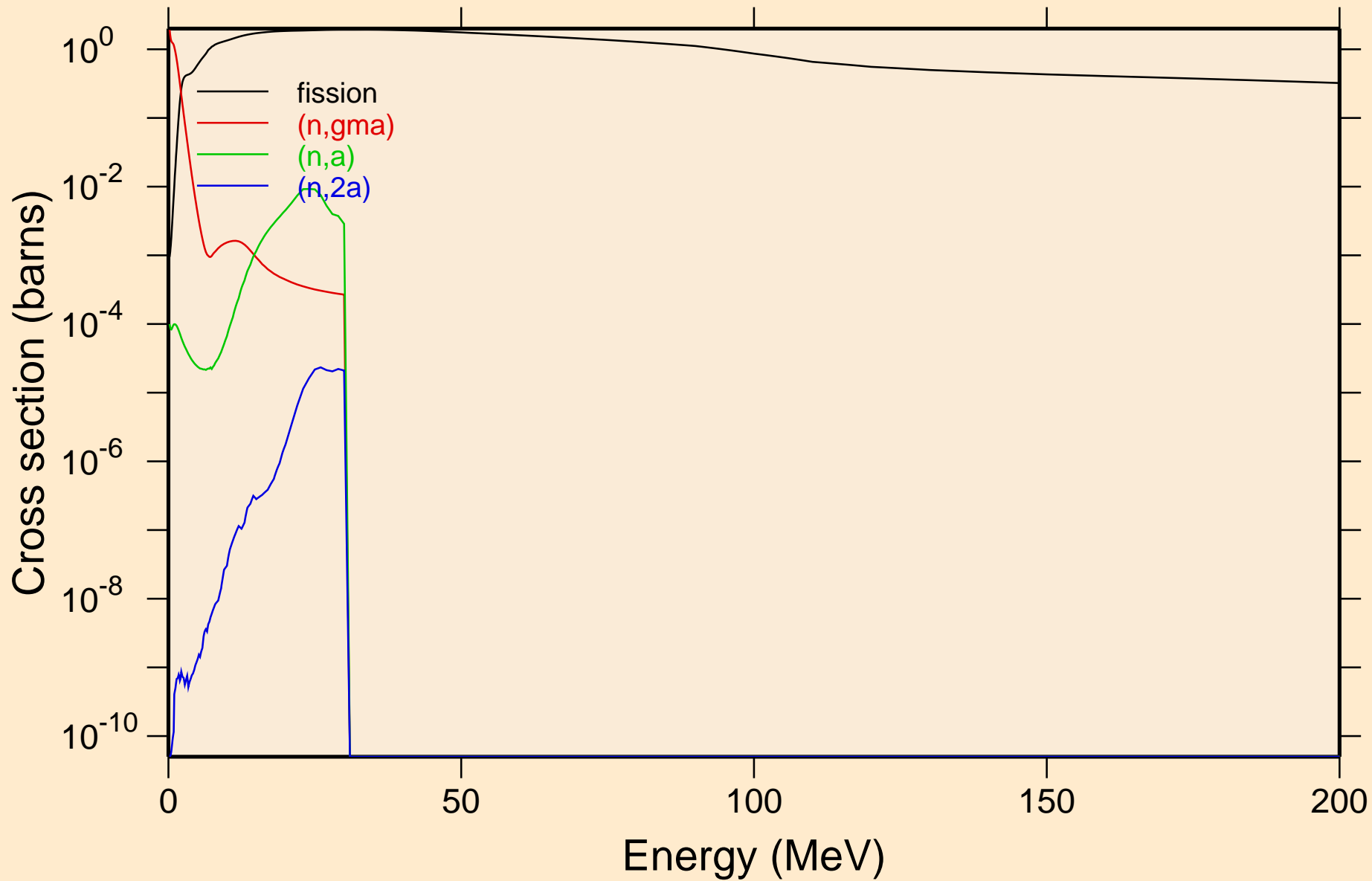
# MD257 NRG TENDL-2015, AKONING

## Principal cross sections

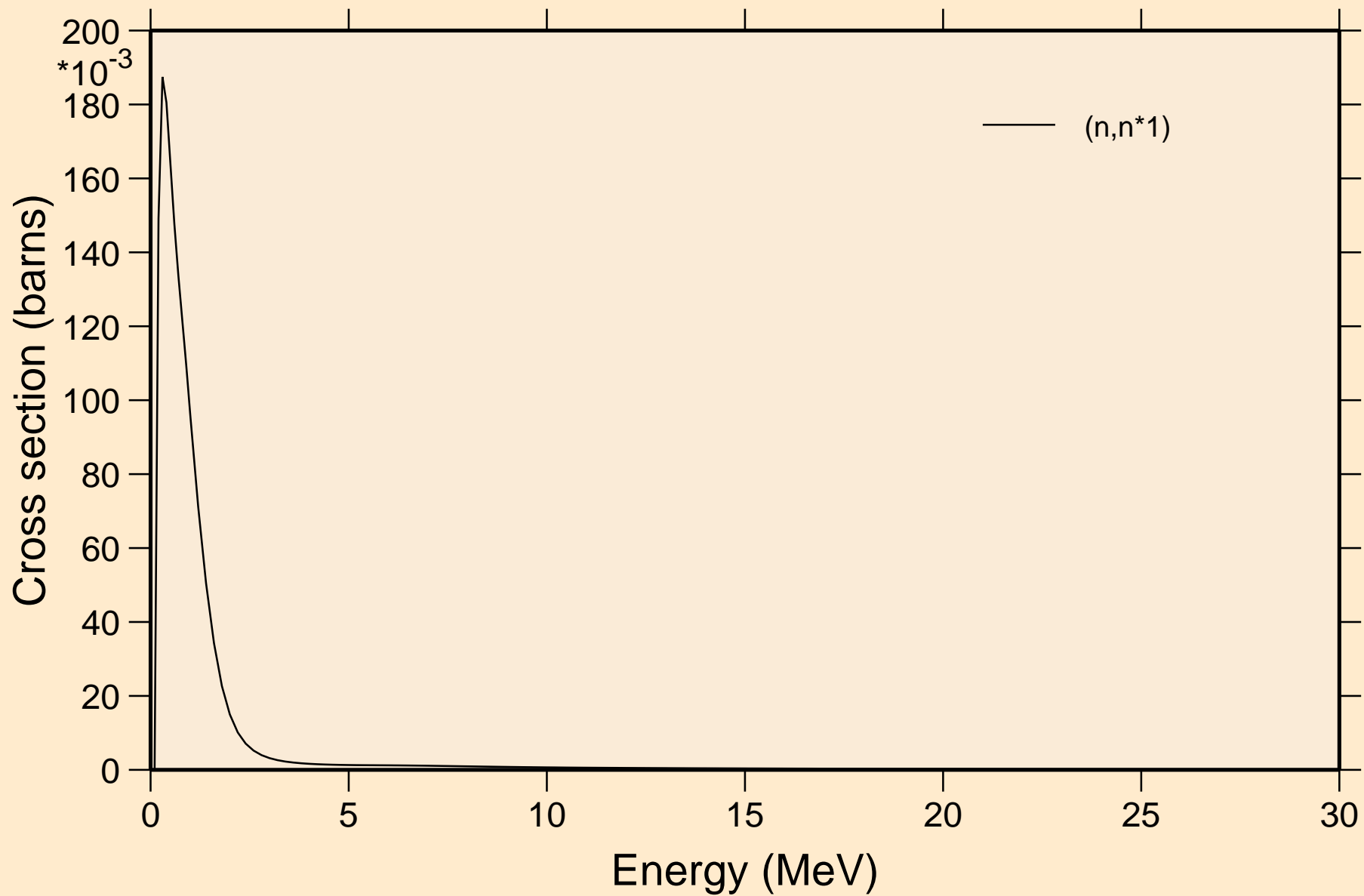


# MD257 NRG TENDL-2015, AKONING

## Non-threshold reactions

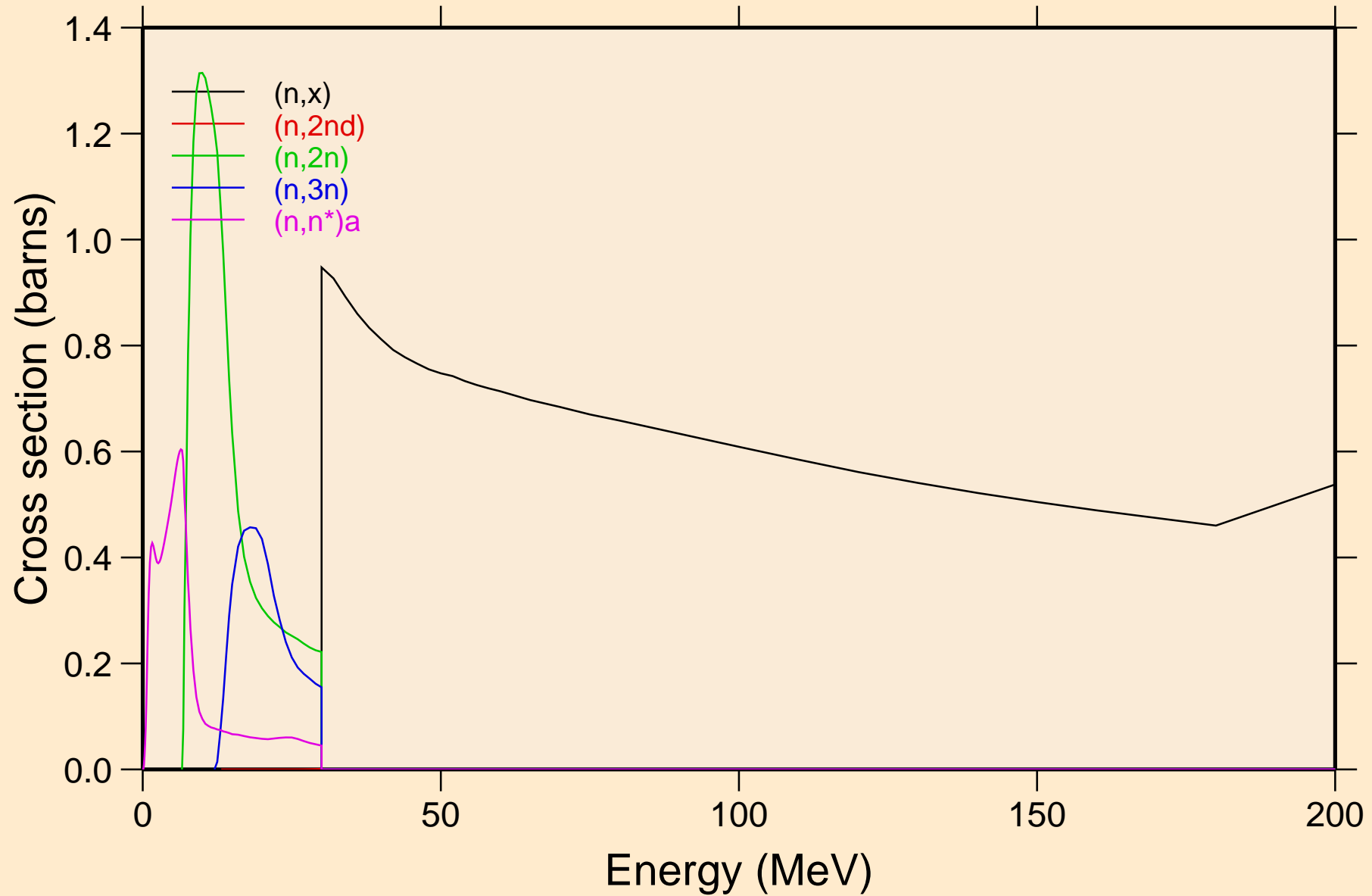


MD257 NRG TENDL-2015, AKONING  
Inelastic levels



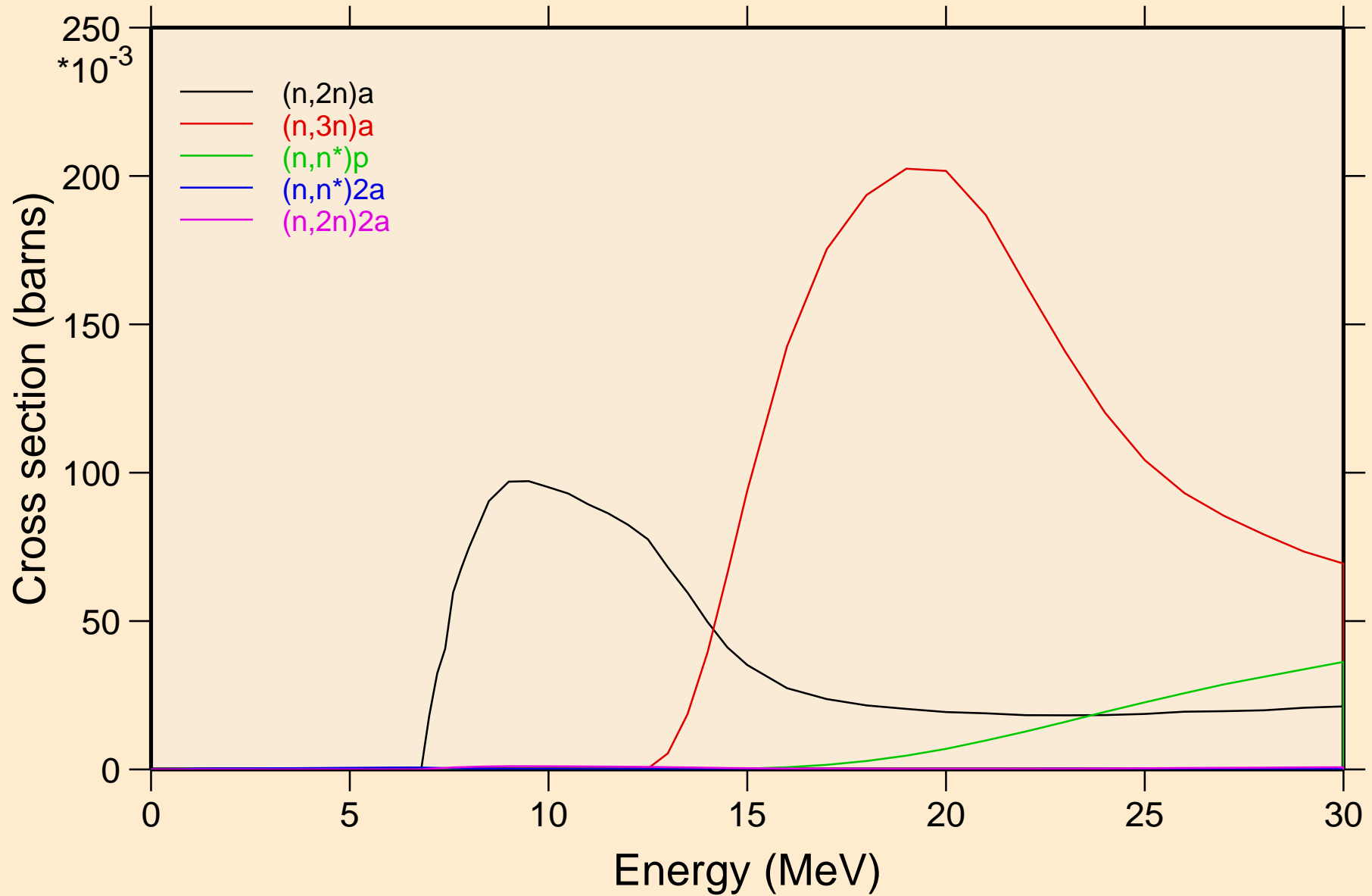
# MD257 NRG TENDL-2015, AKONING

## Threshold reactions



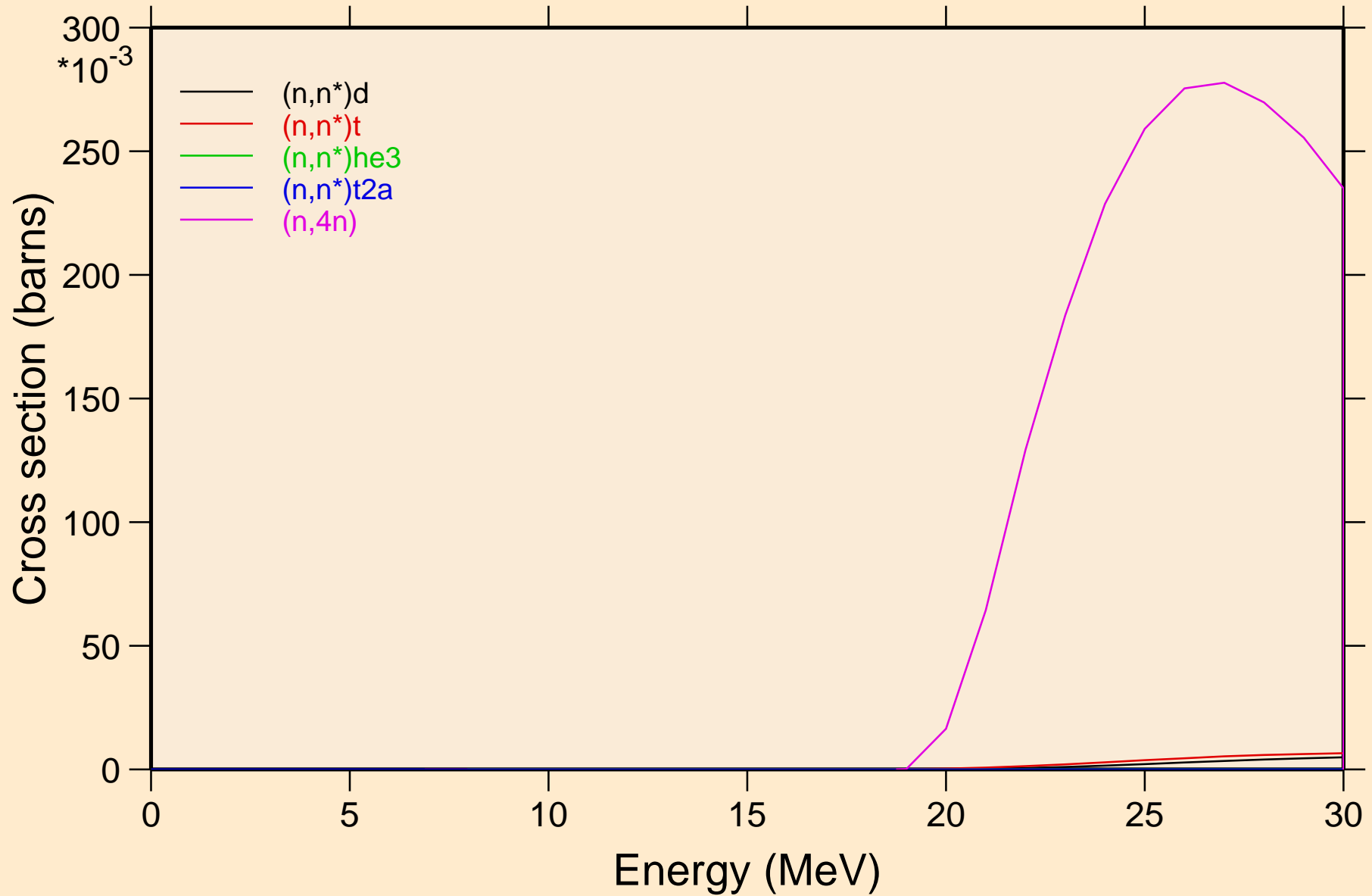
# MD257 NRG TENDL-2015, AKONING

## Threshold reactions



# MD257 NRG TENDL-2015, AKONING

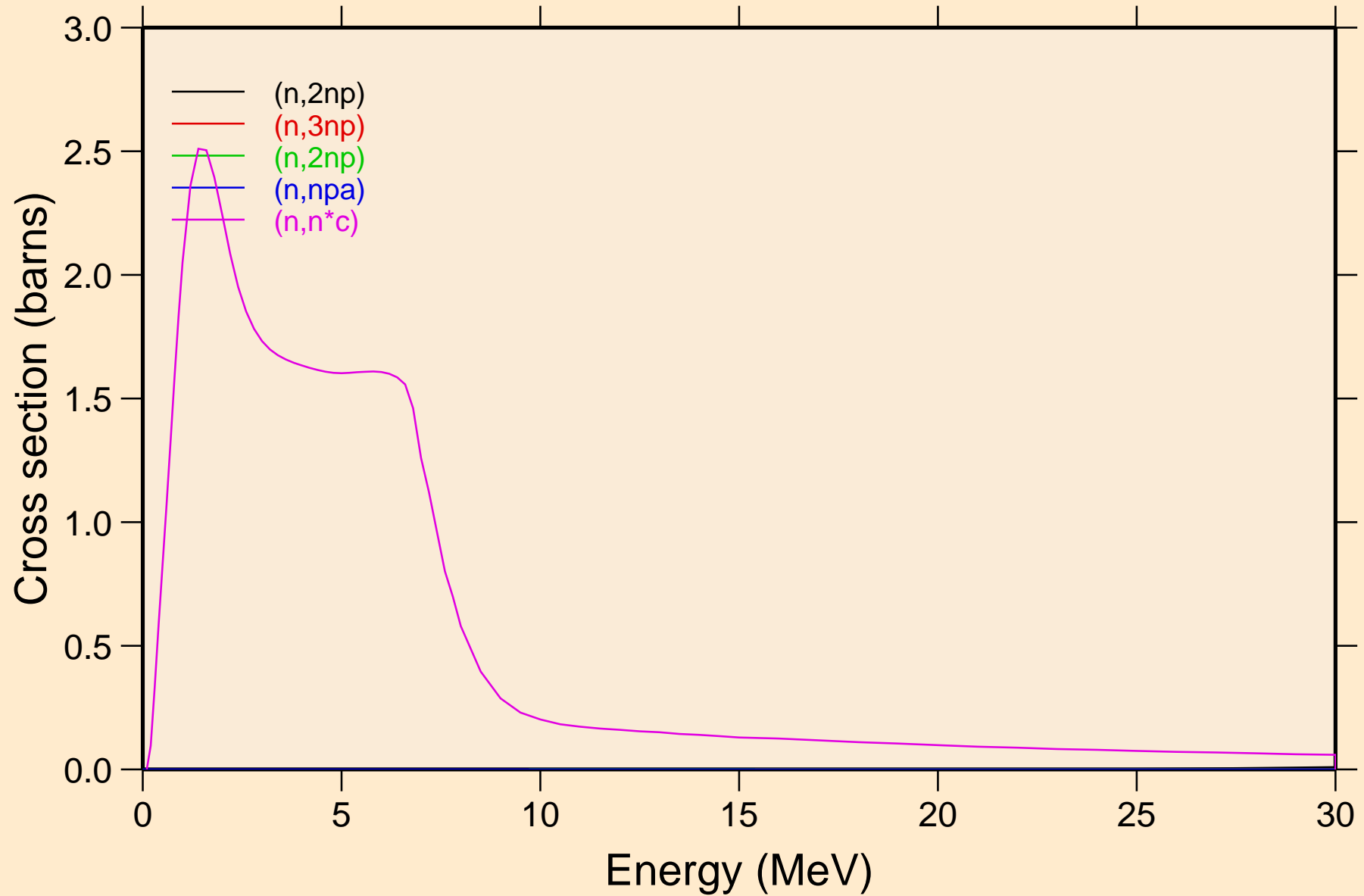
## Threshold reactions





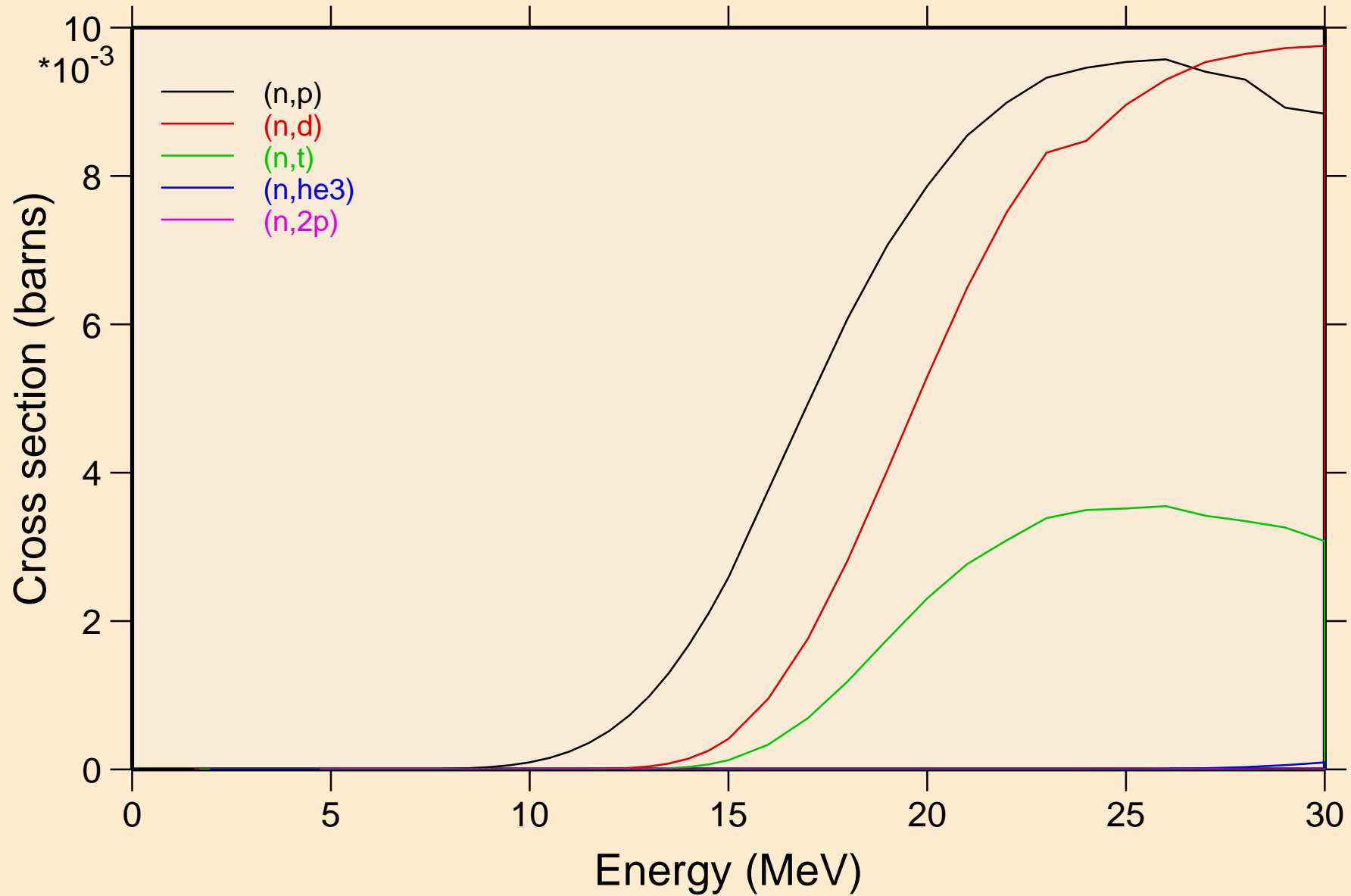
# MD257 NRG TENDL-2015, AKONING

## Threshold reactions



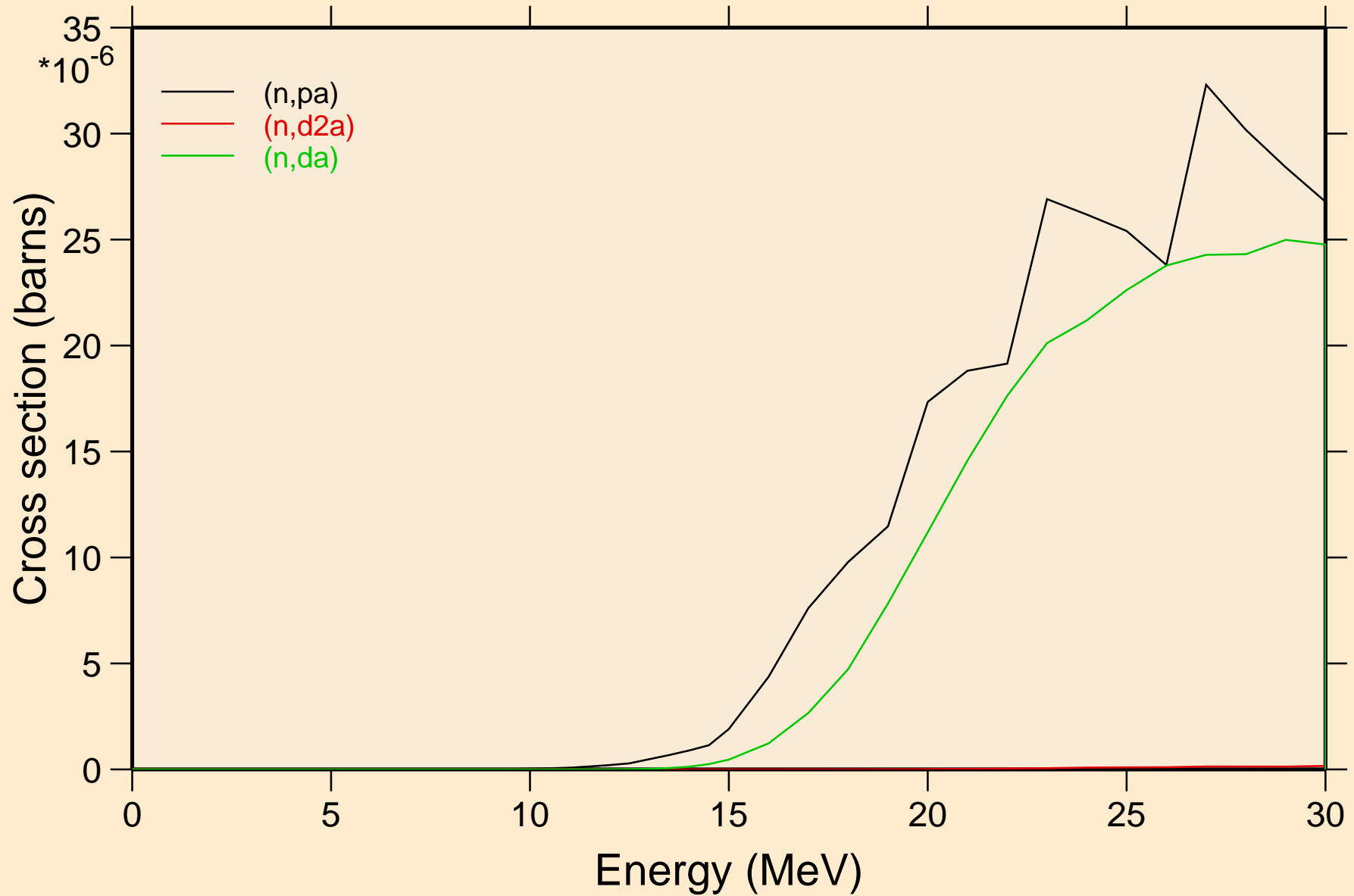
# MD257 NRG TENDL-2015, AKONING

## Threshold reactions

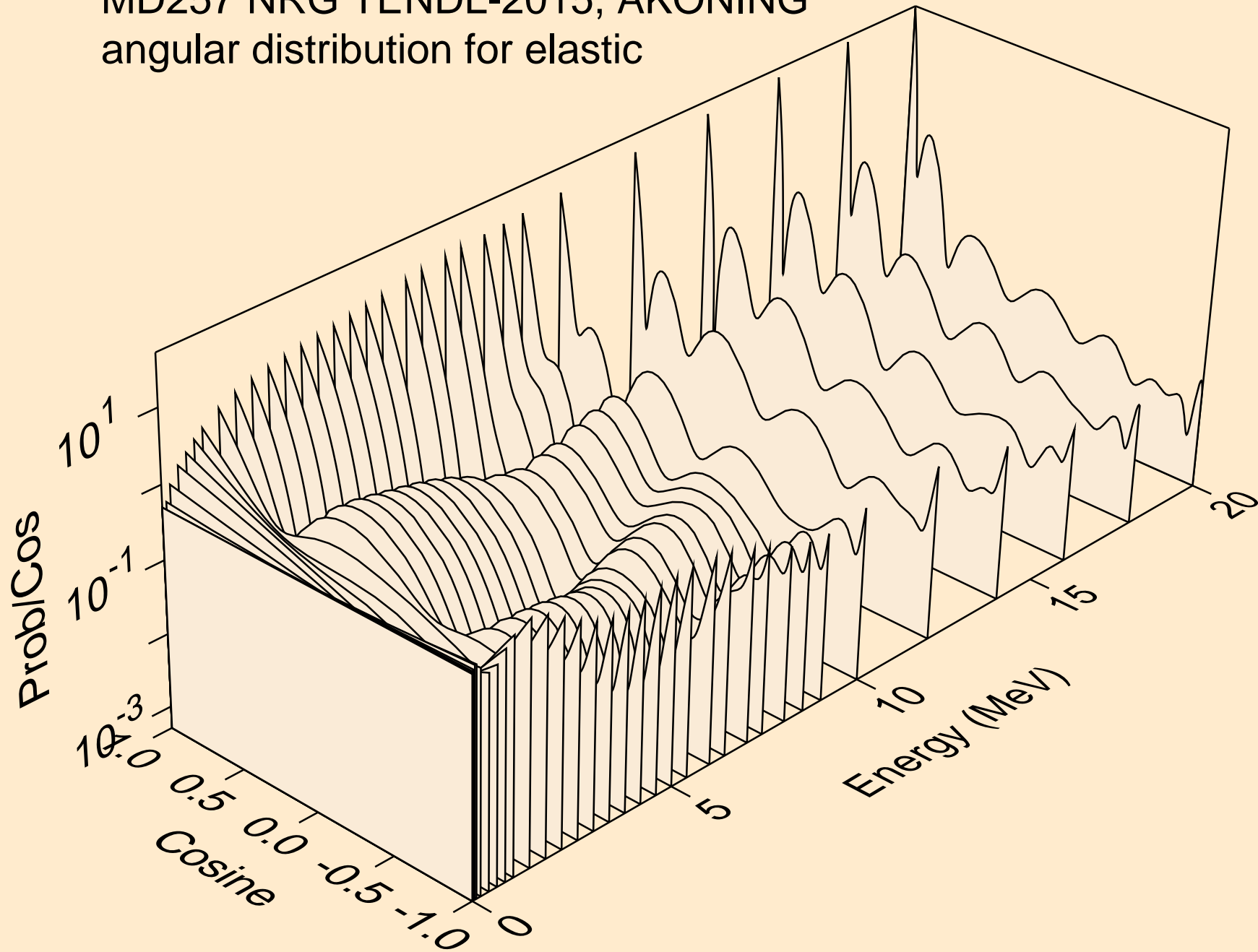


# MD257 NRG TENDL-2015, AKONING

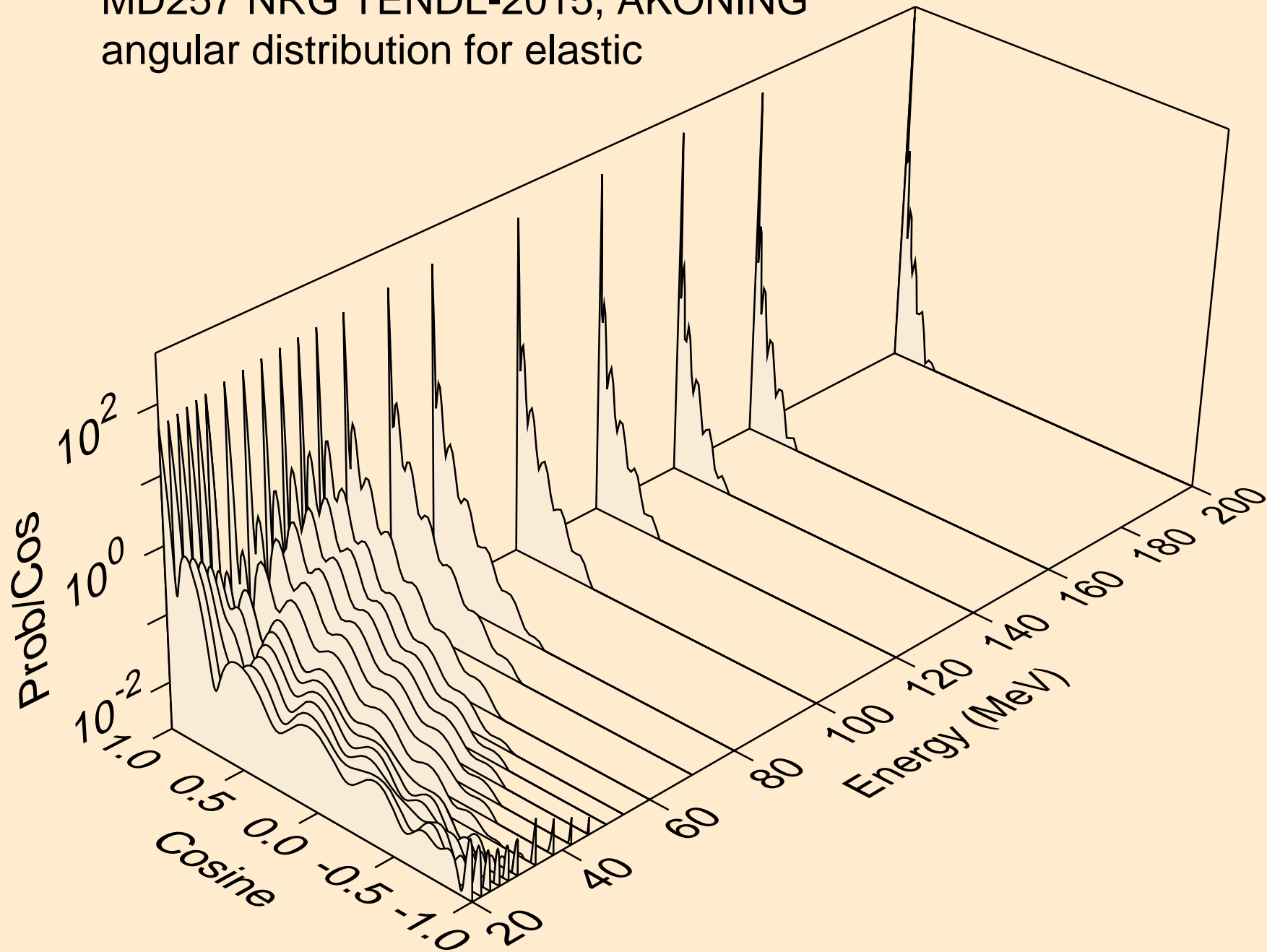
## Threshold reactions



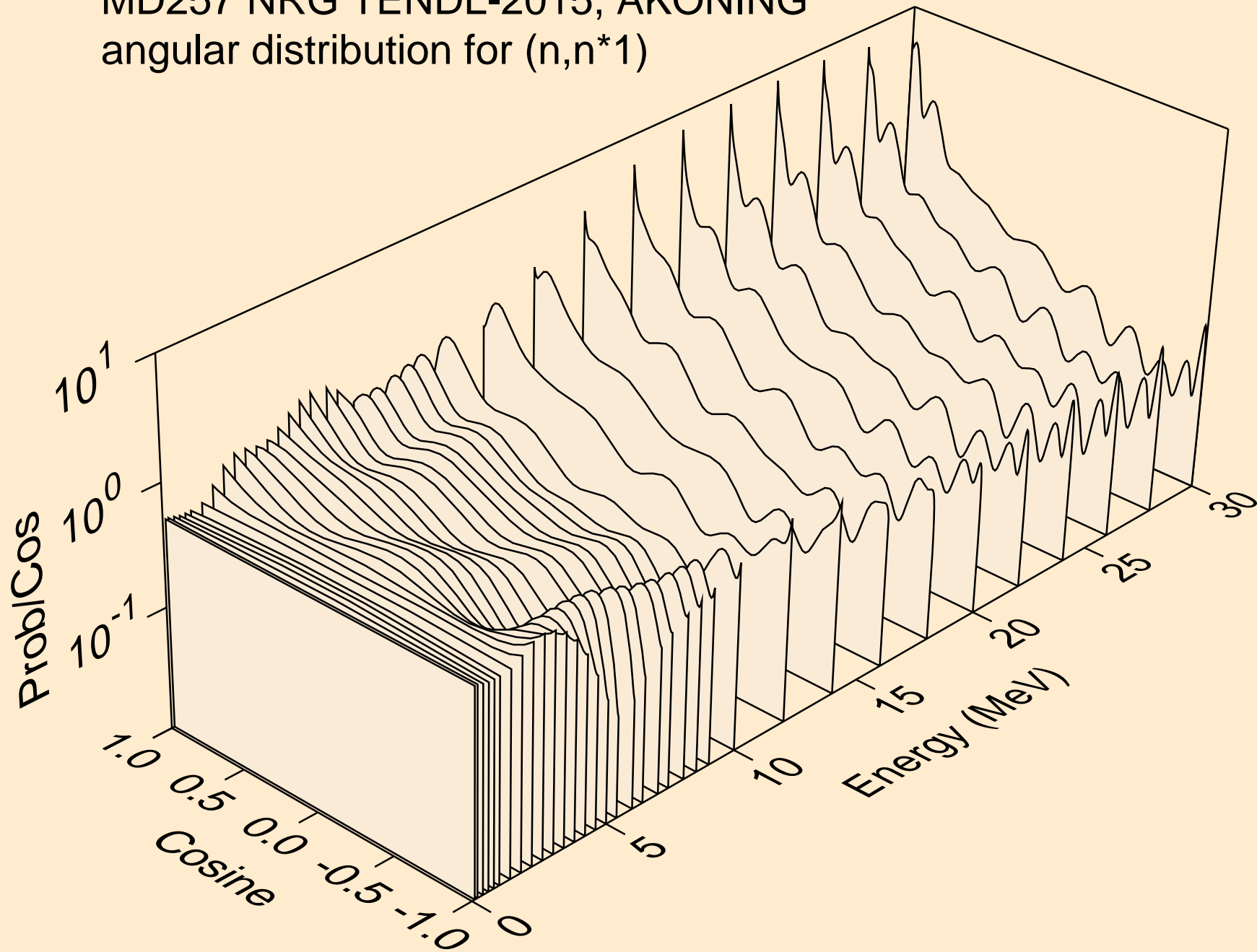
MD257 NRG TENDL-2015, AKONING  
angular distribution for elastic



MD257 NRG TENDL-2015, AKONING  
angular distribution for elastic

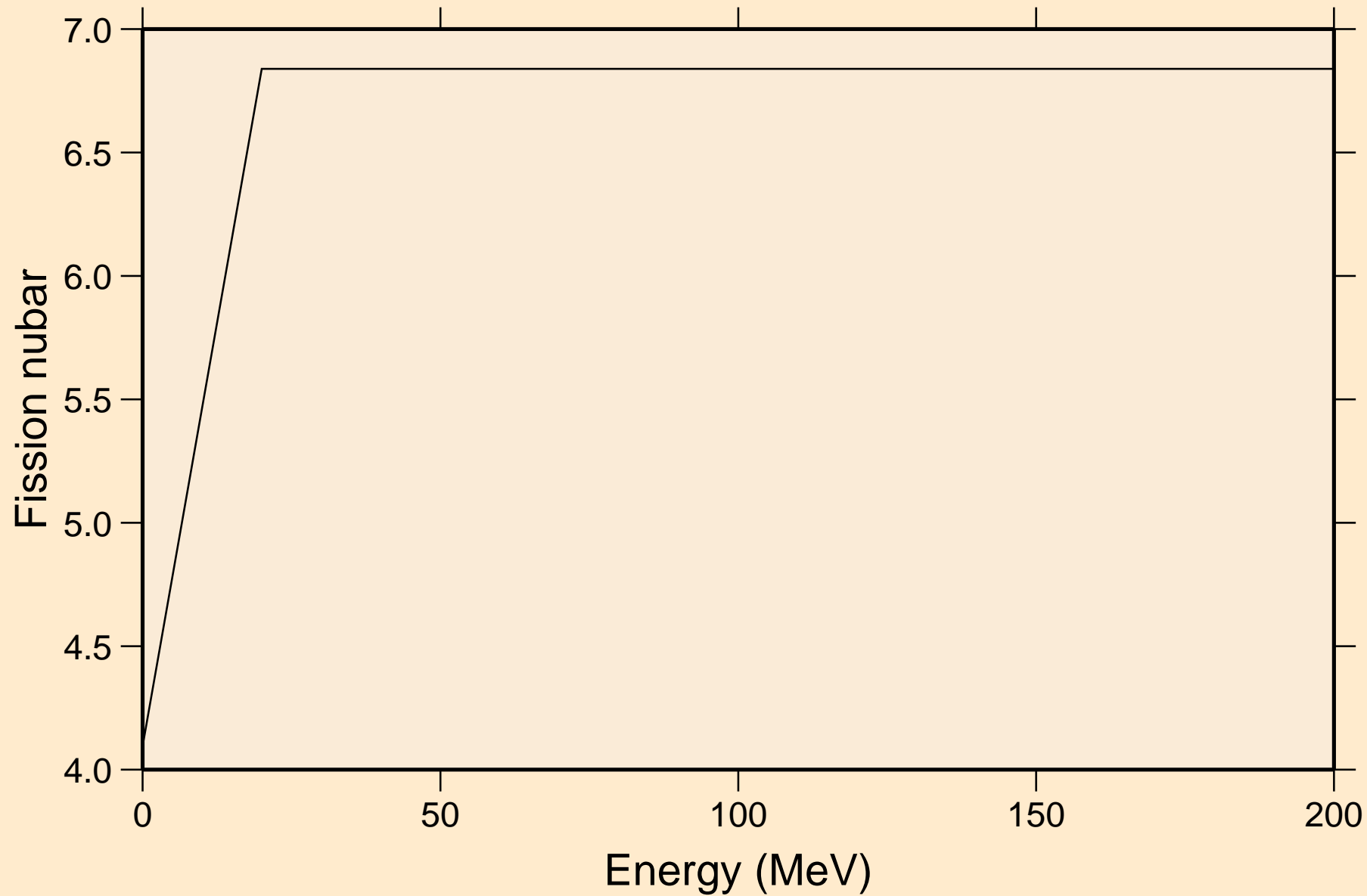


MD257 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)

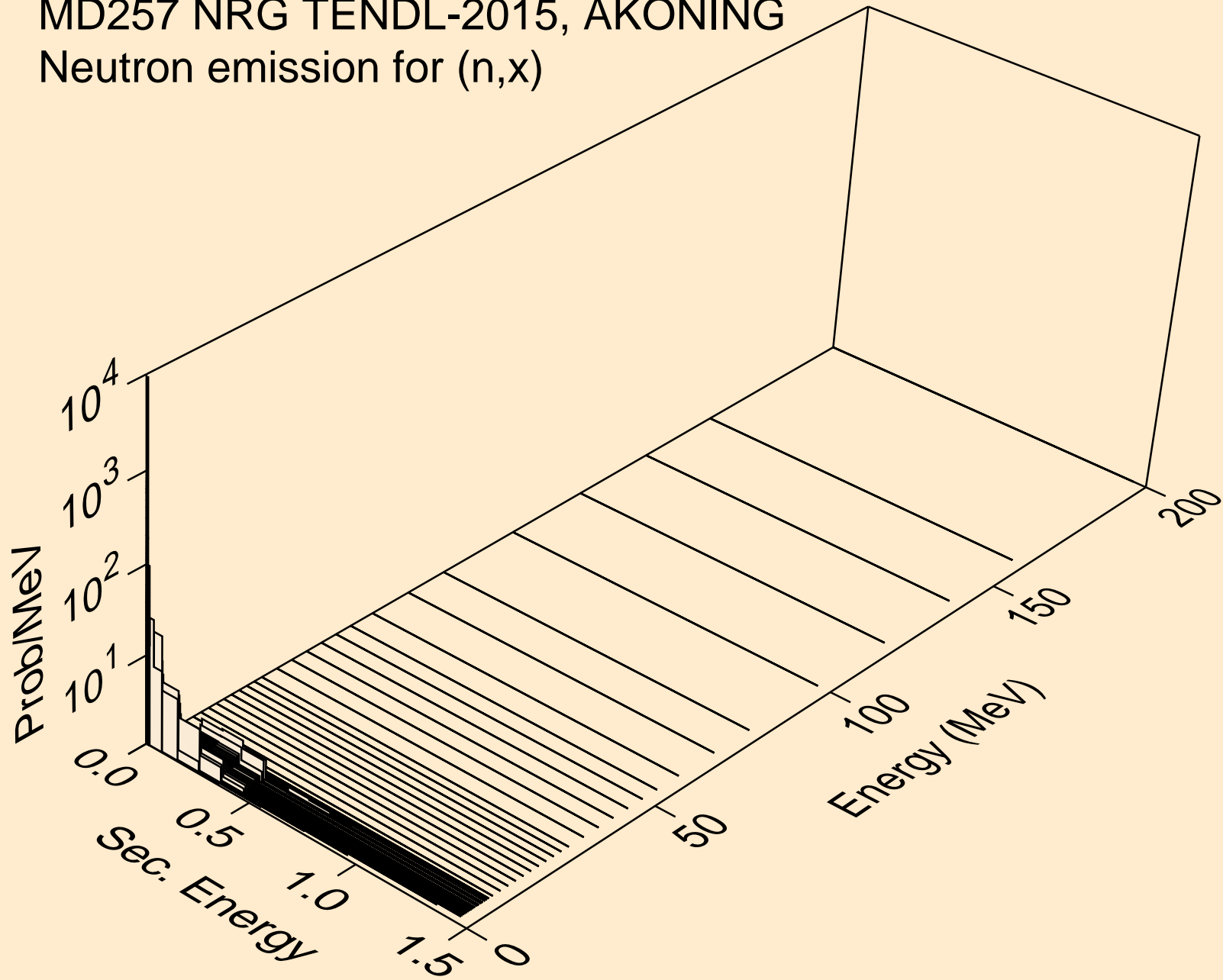


# MD257 NRG TENDL-2015, AKONING

Total fission nubar

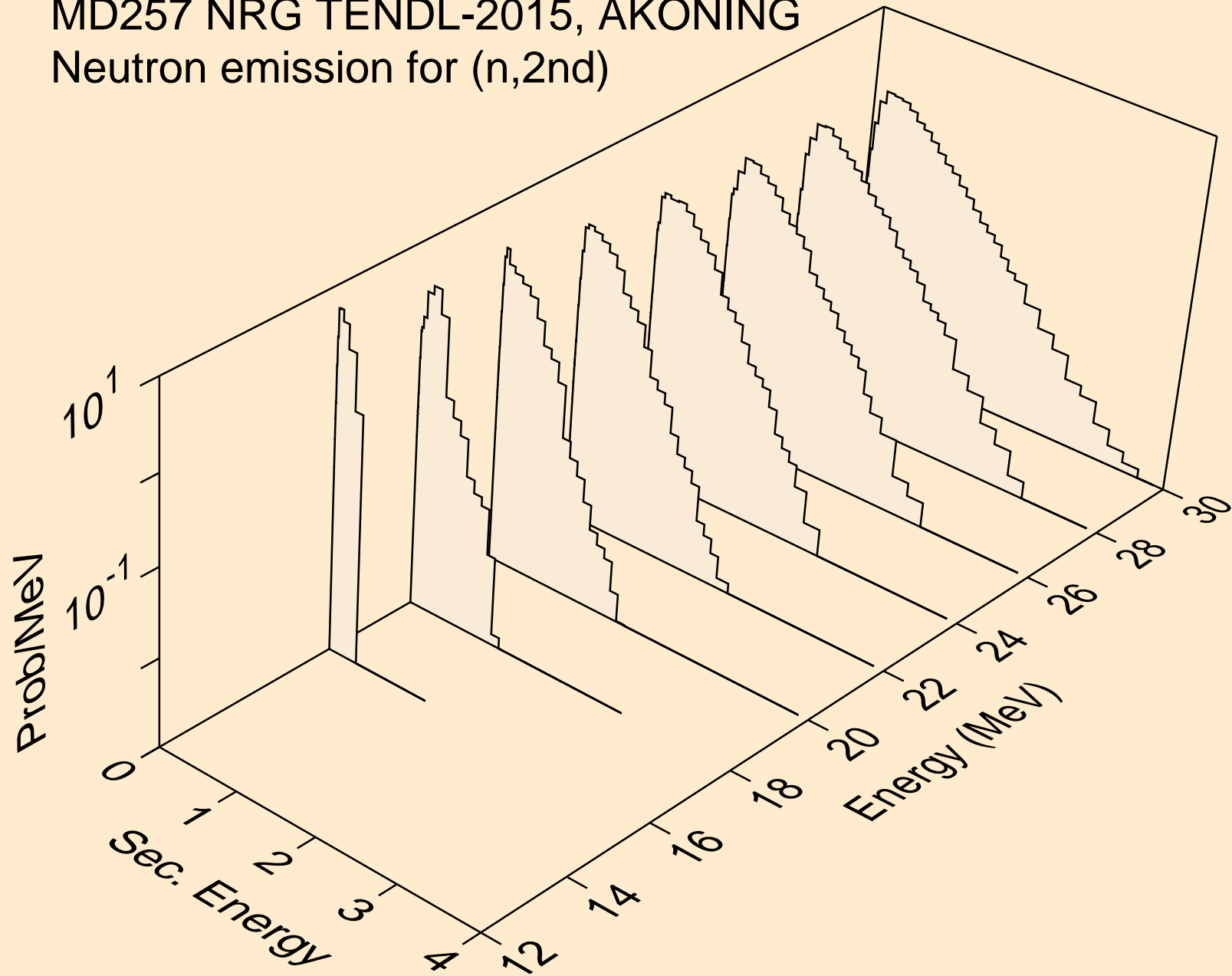


MD257 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

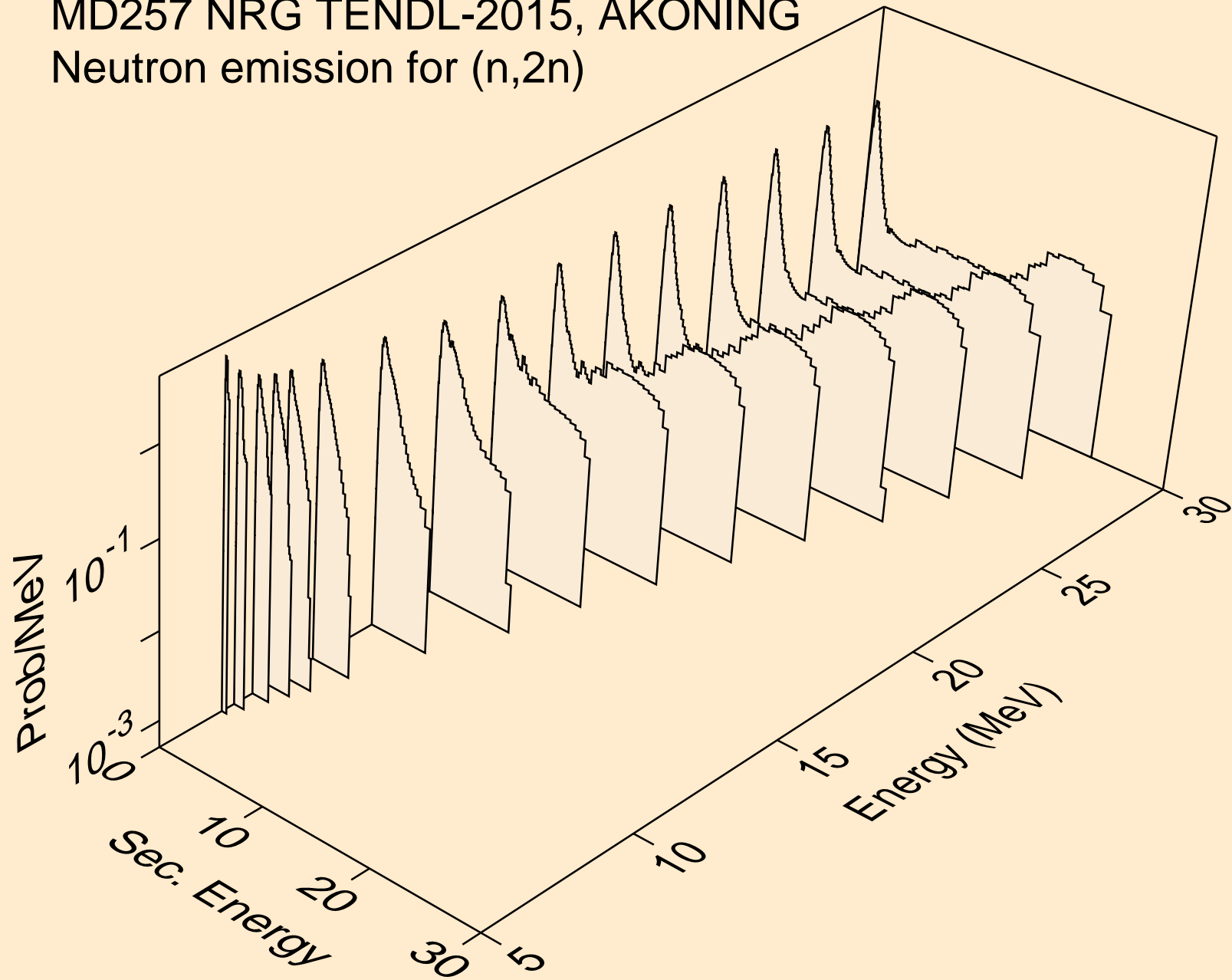




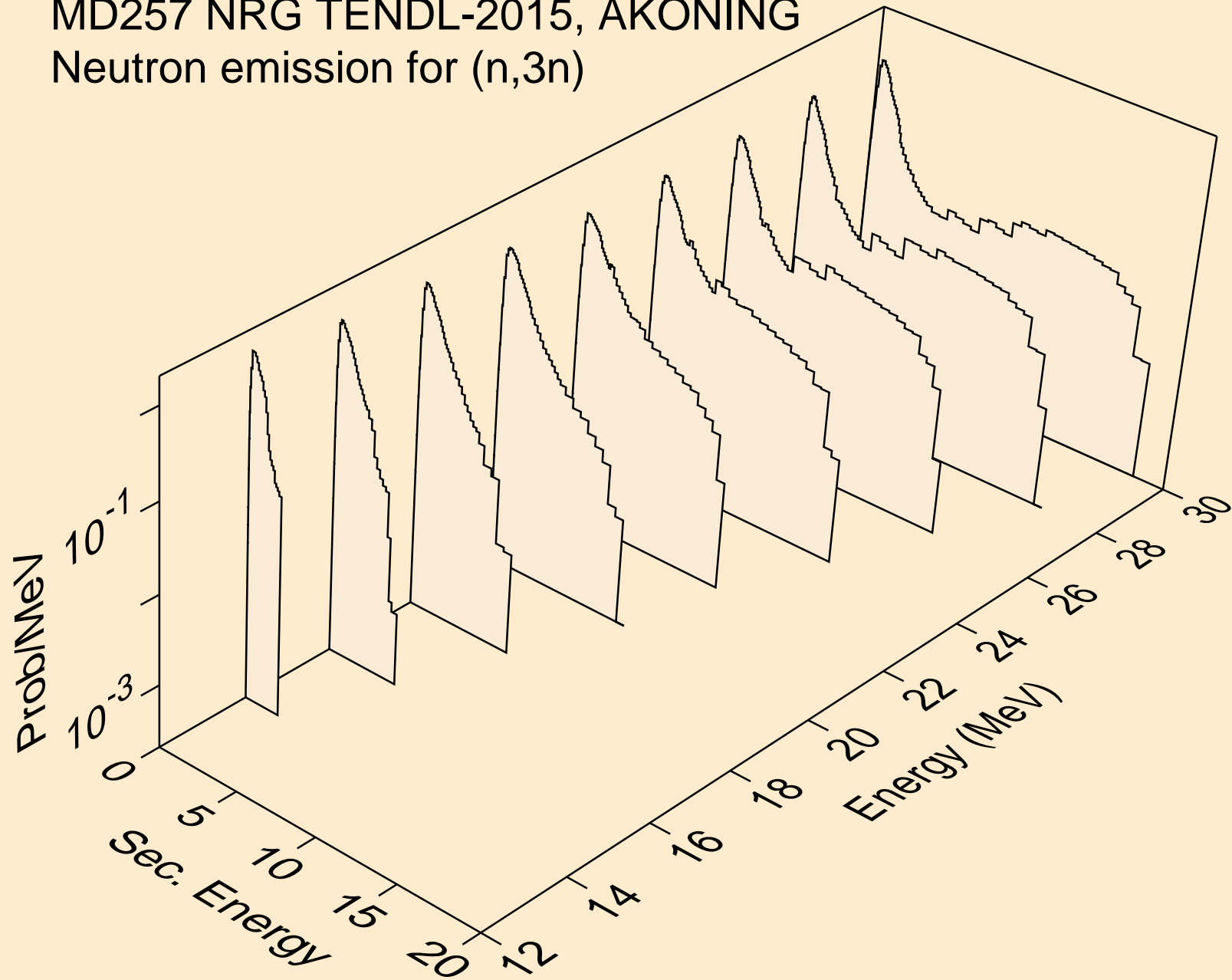
MD257 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



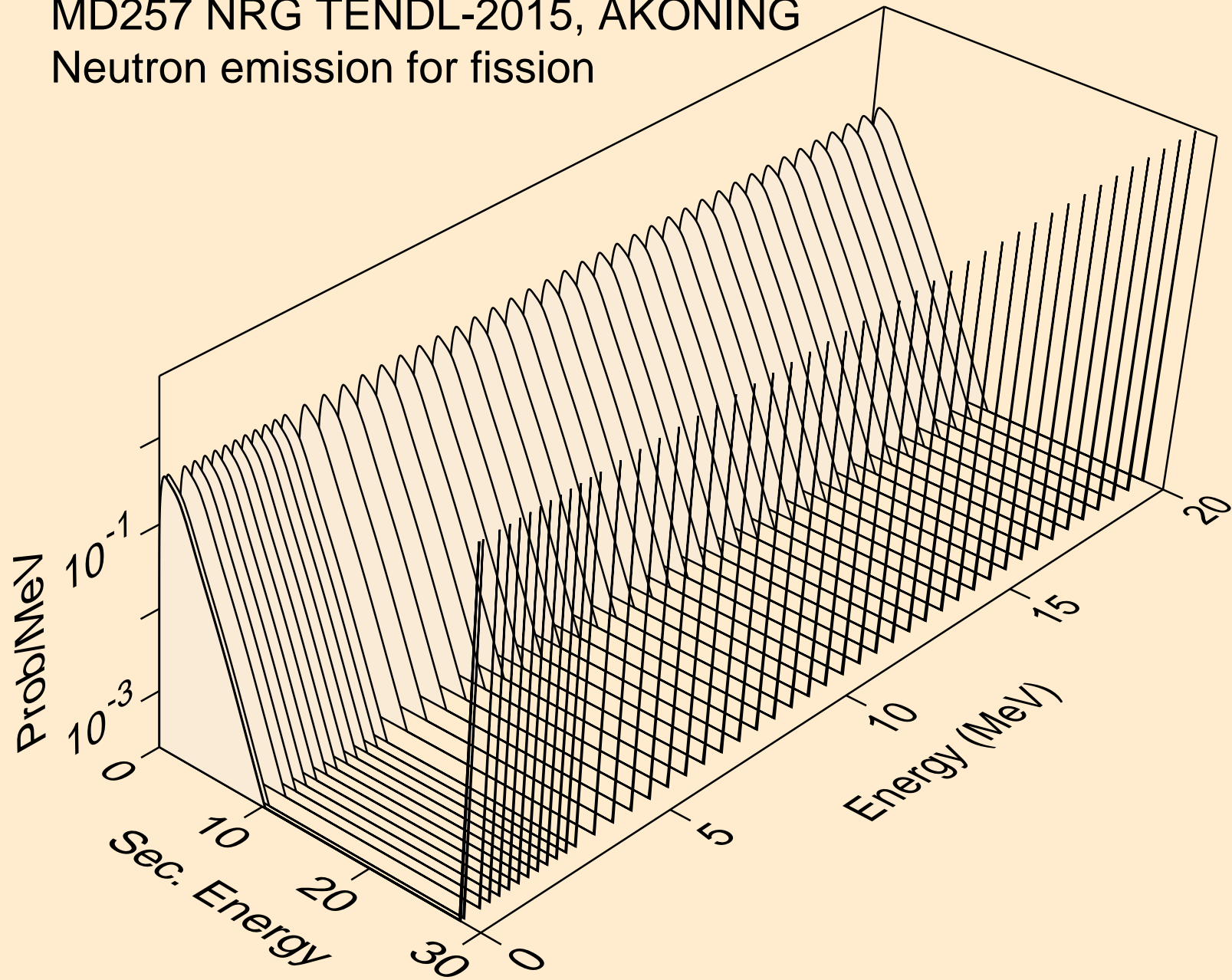
MD257 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



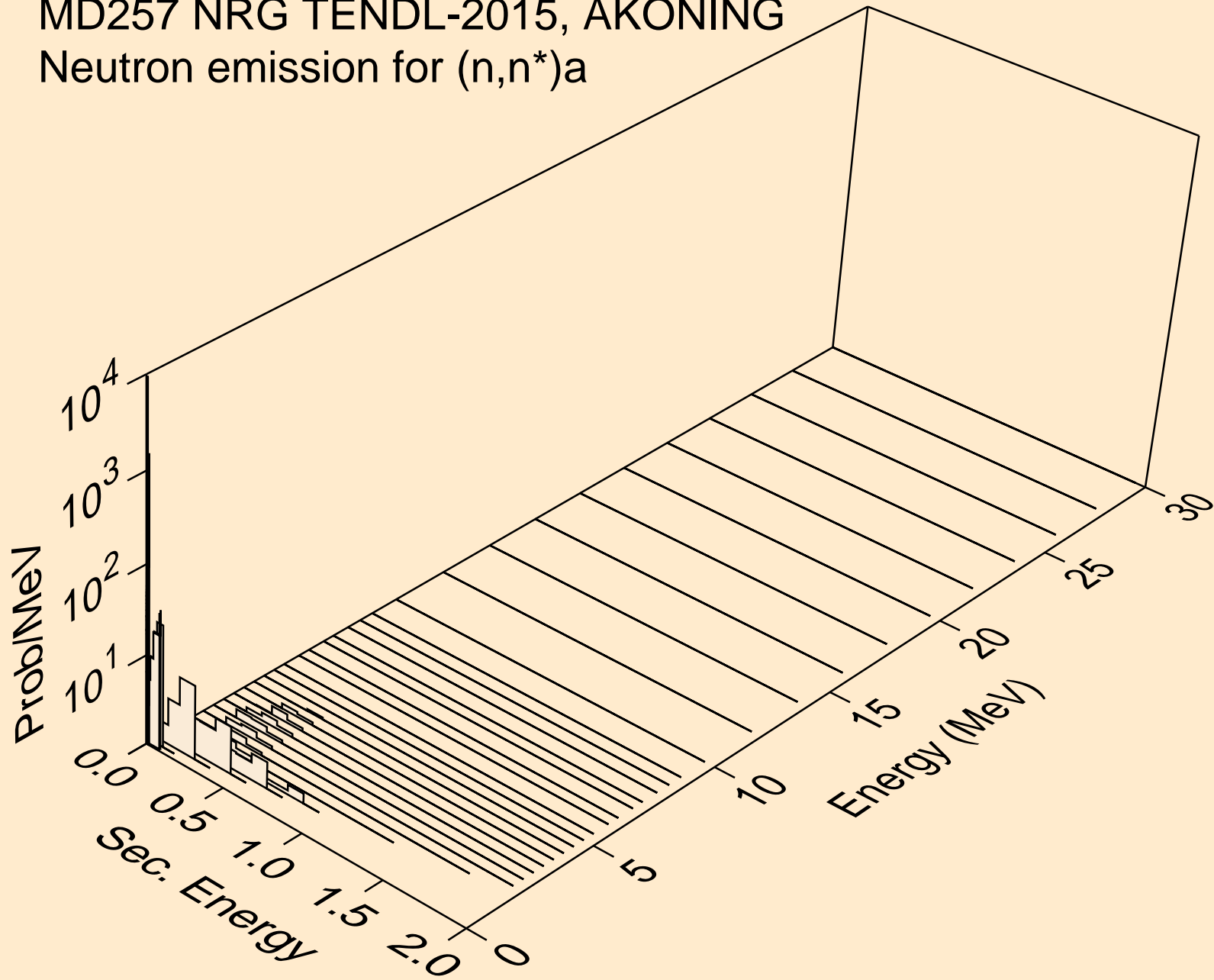
MD257 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



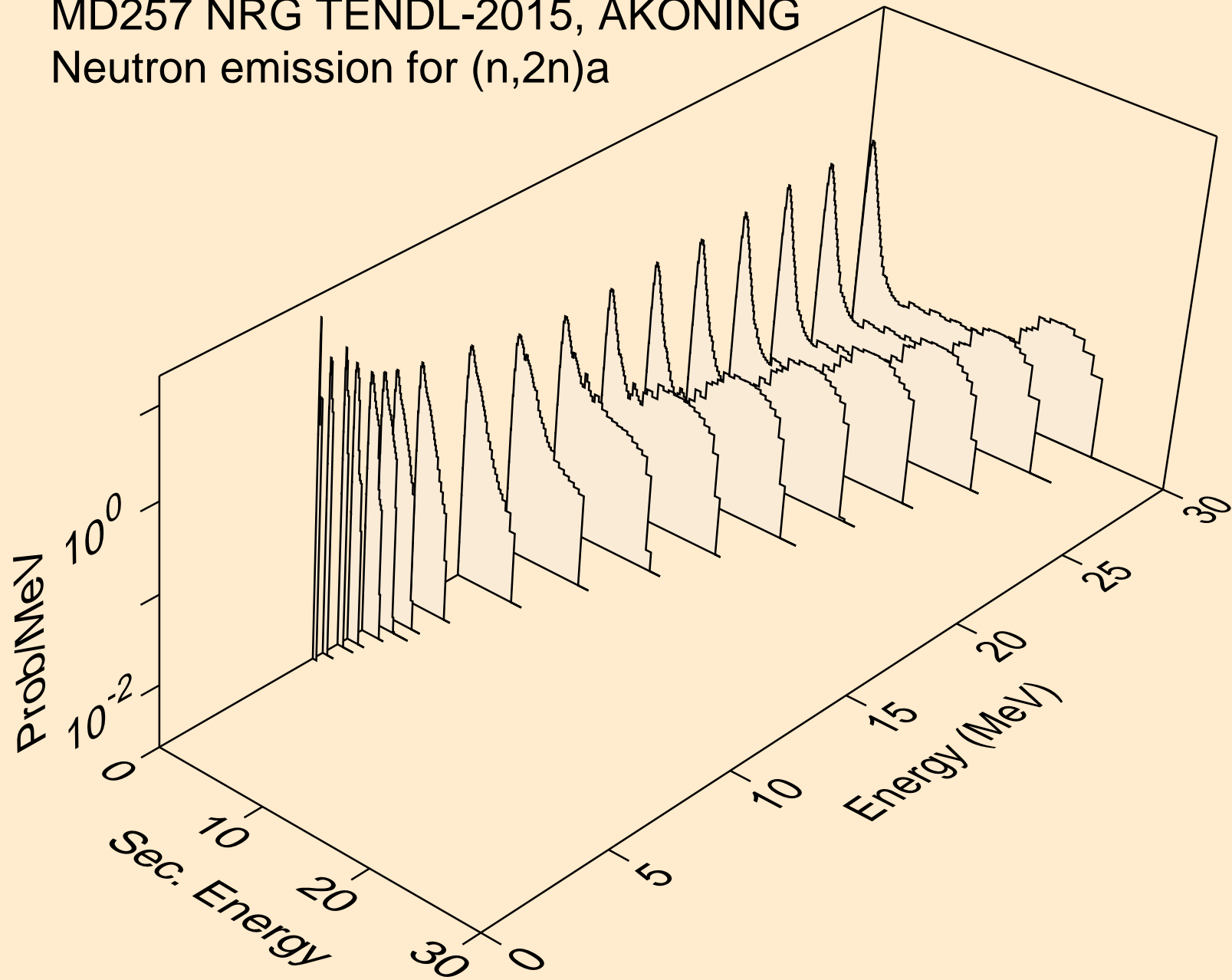
MD257 NRG TENDL-2015, AKONING  
Neutron emission for fission



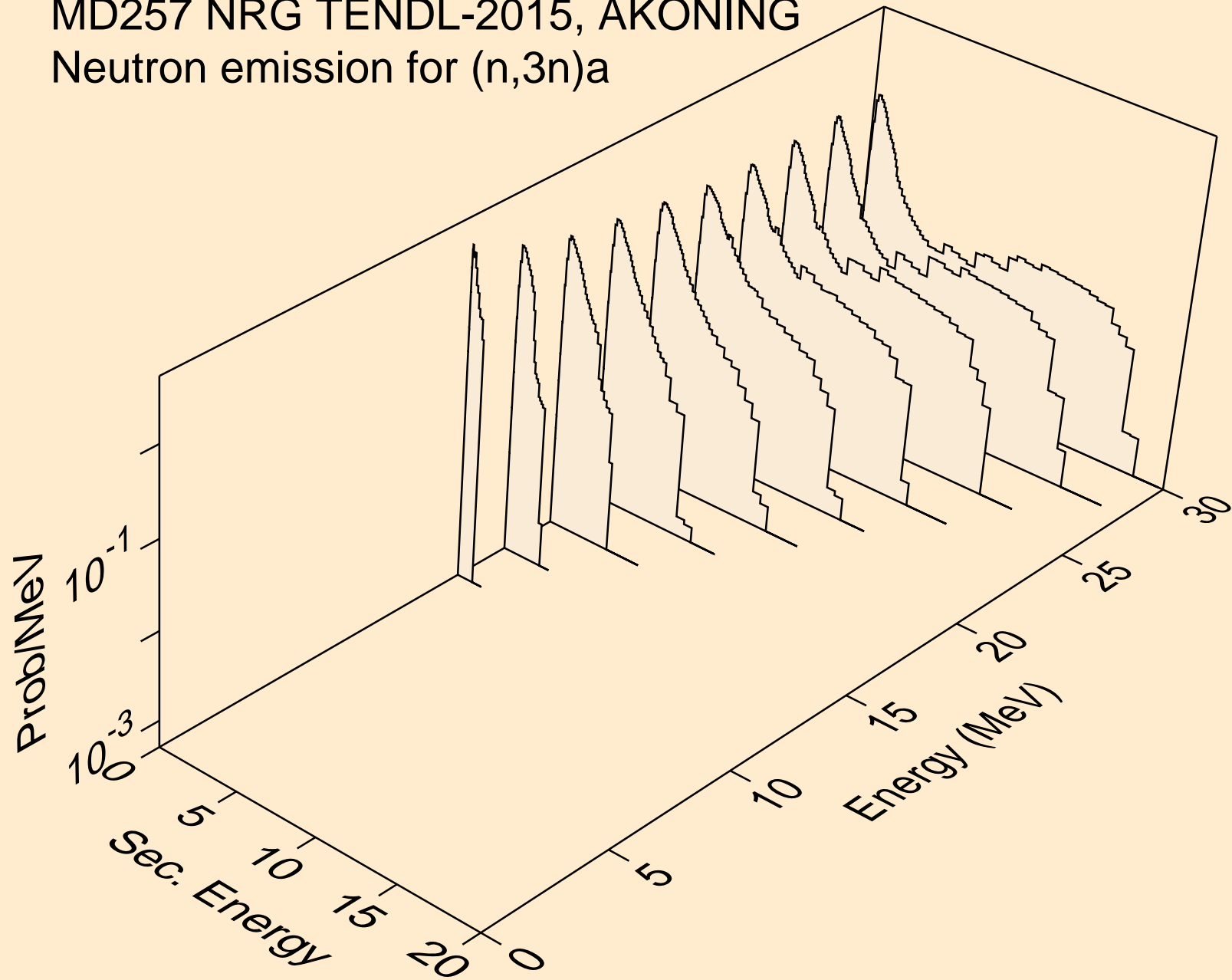
MD257 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



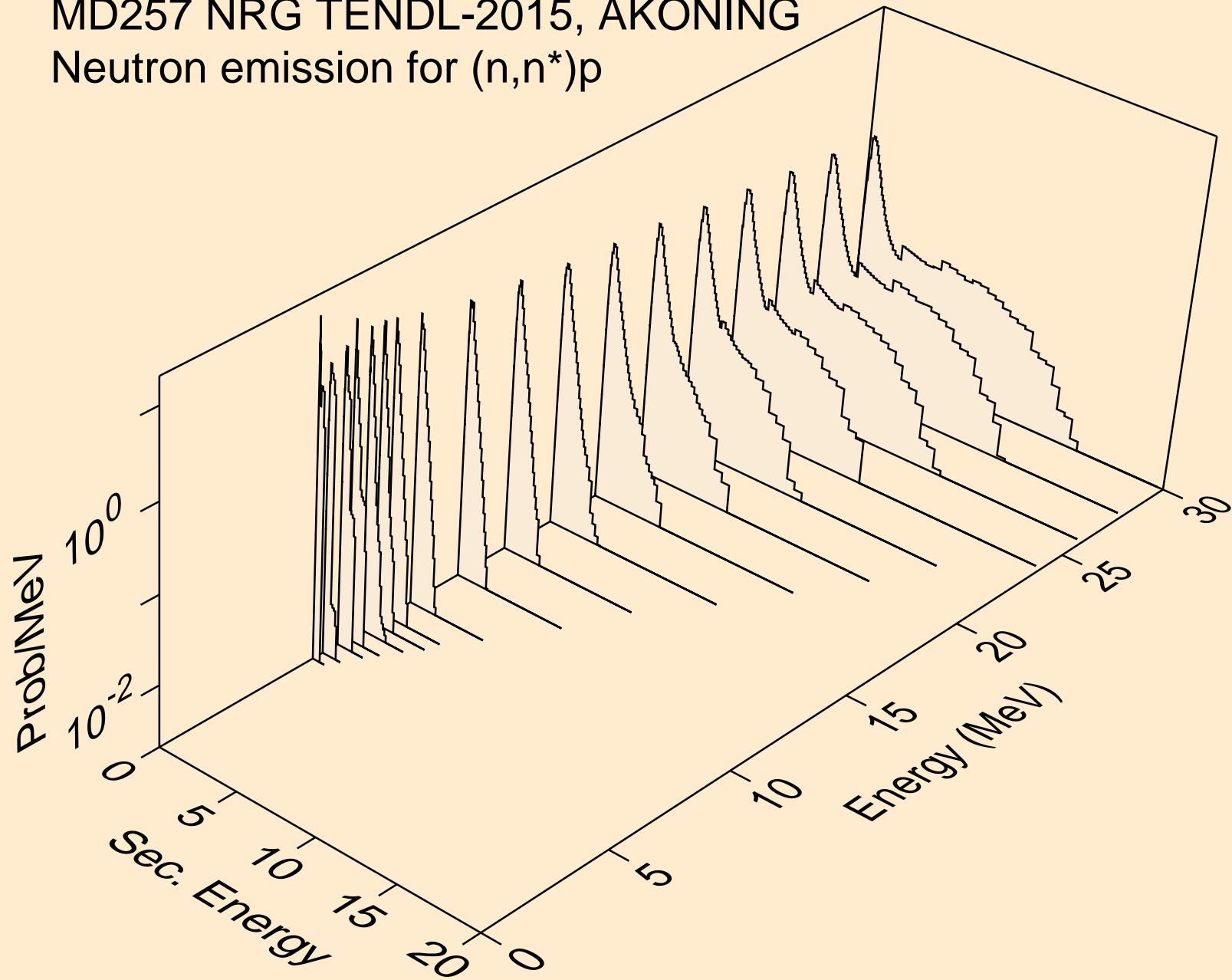
MD257 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



MD257 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

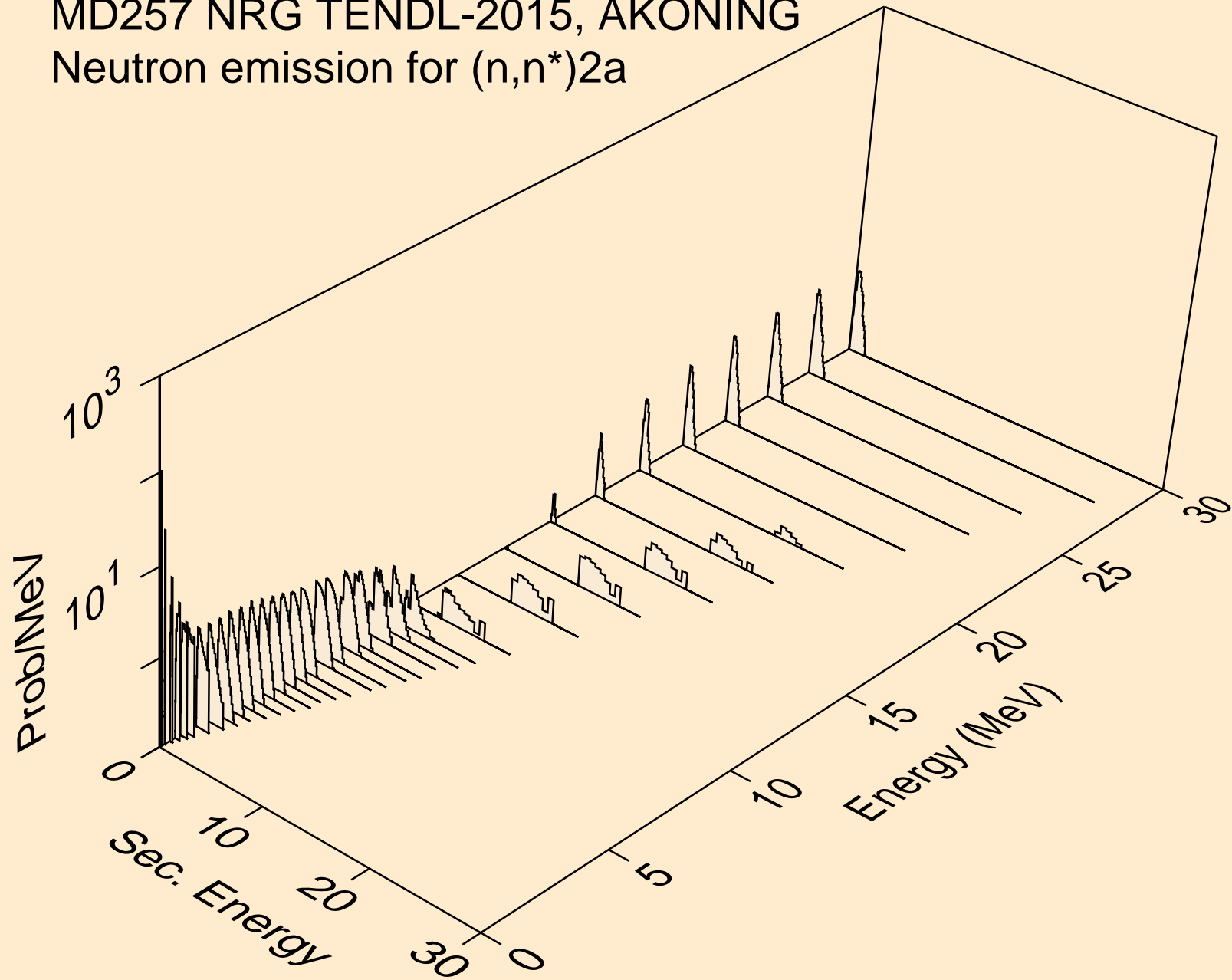


MD257 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

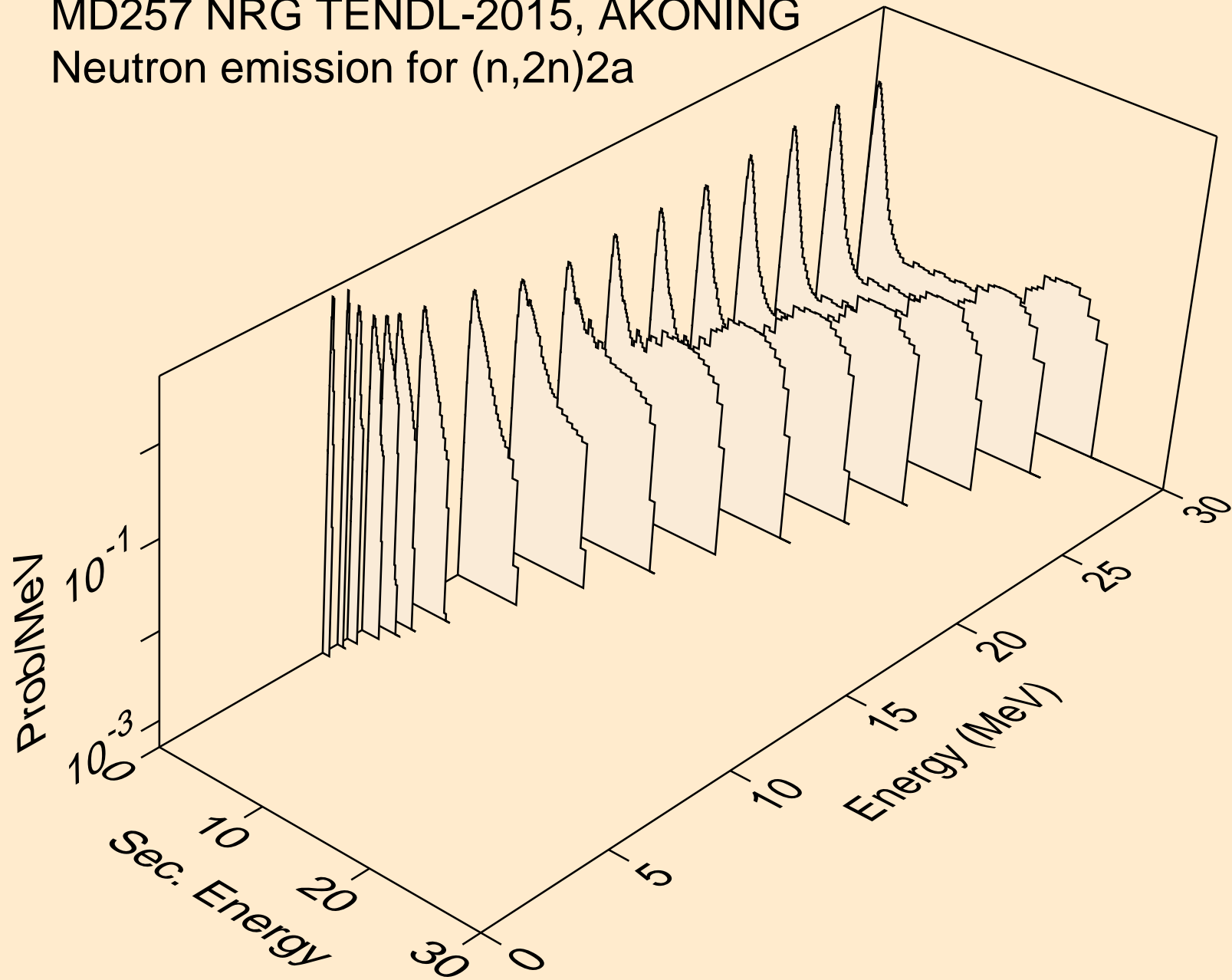




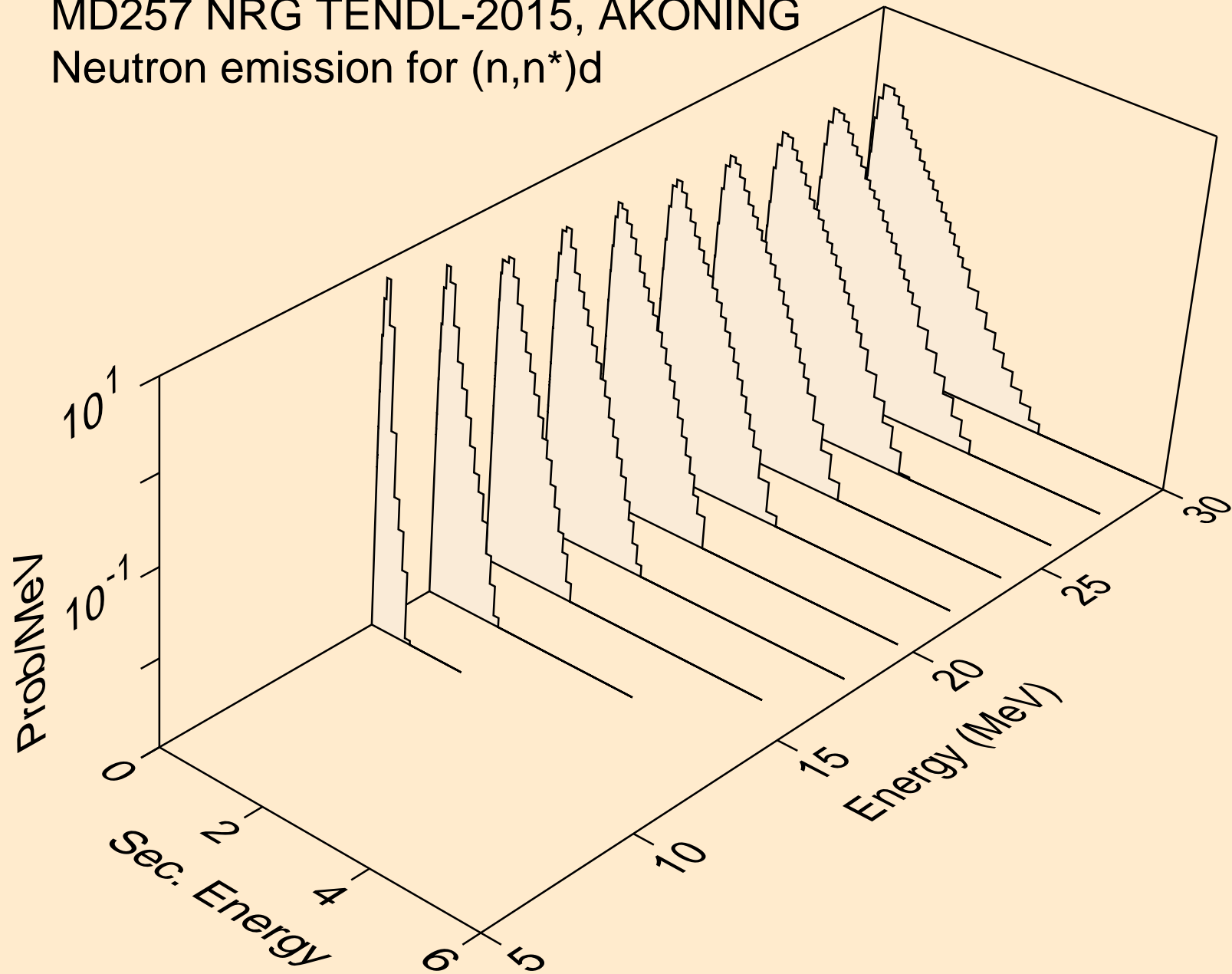
MD257 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



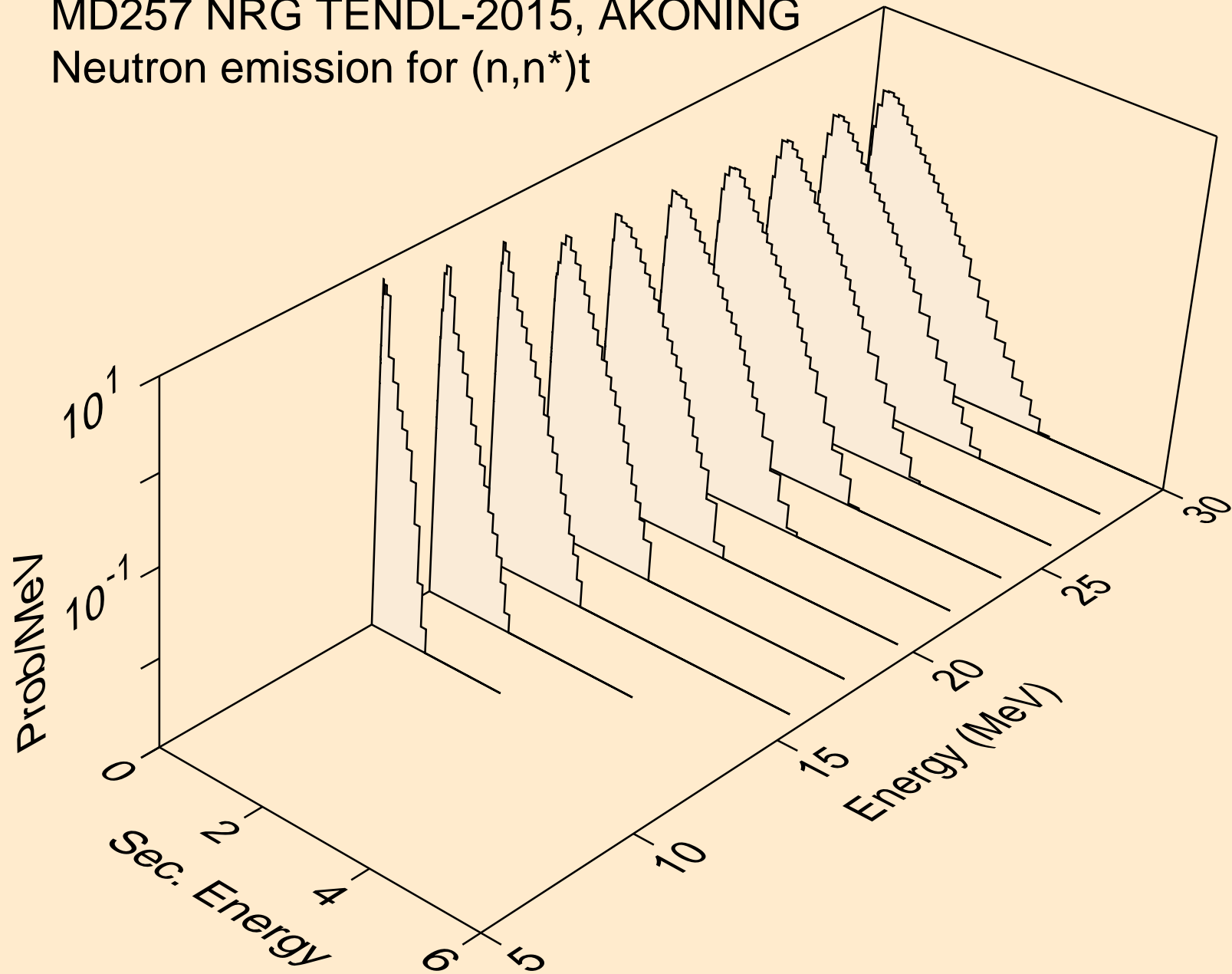
MD257 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



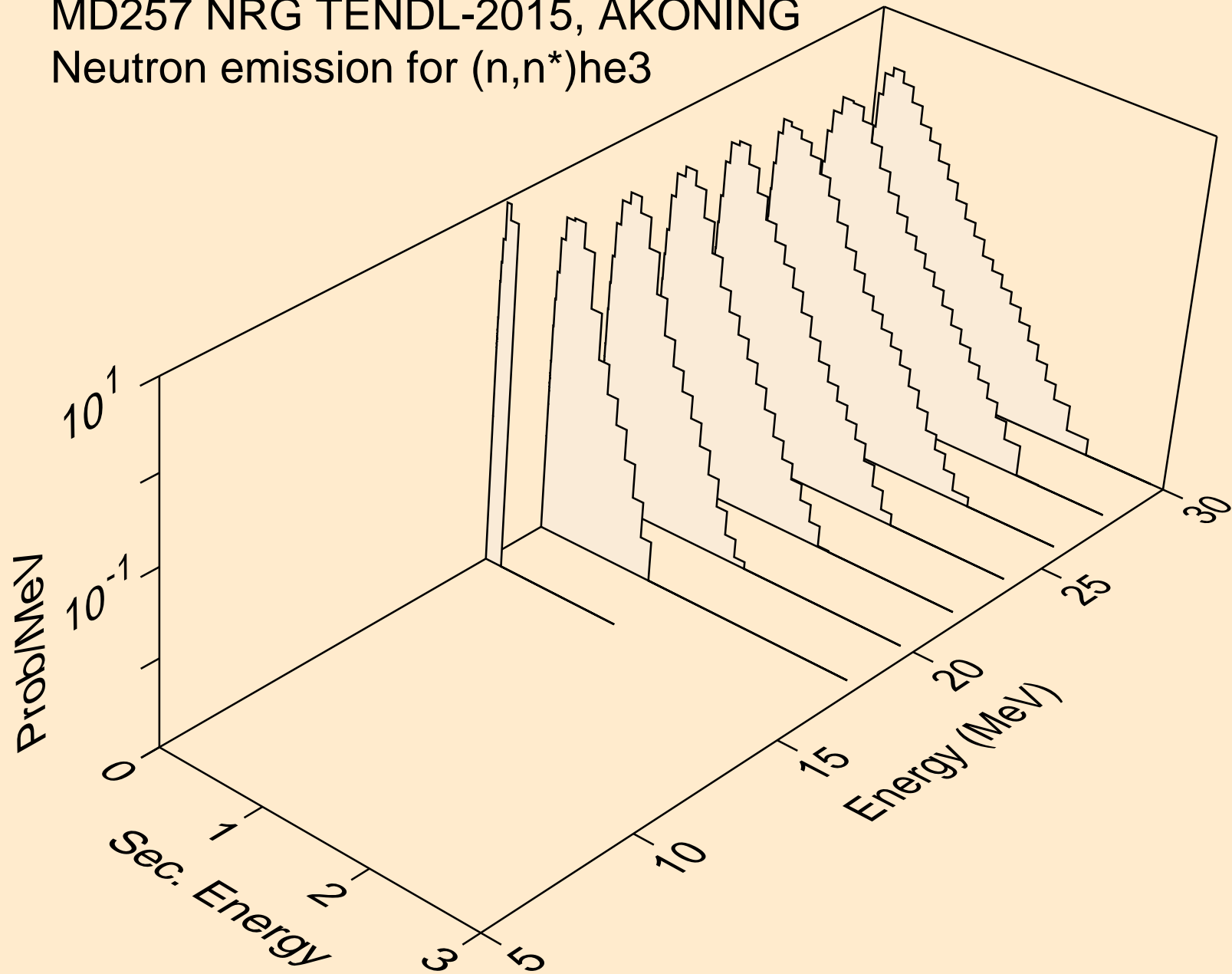
MD257 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



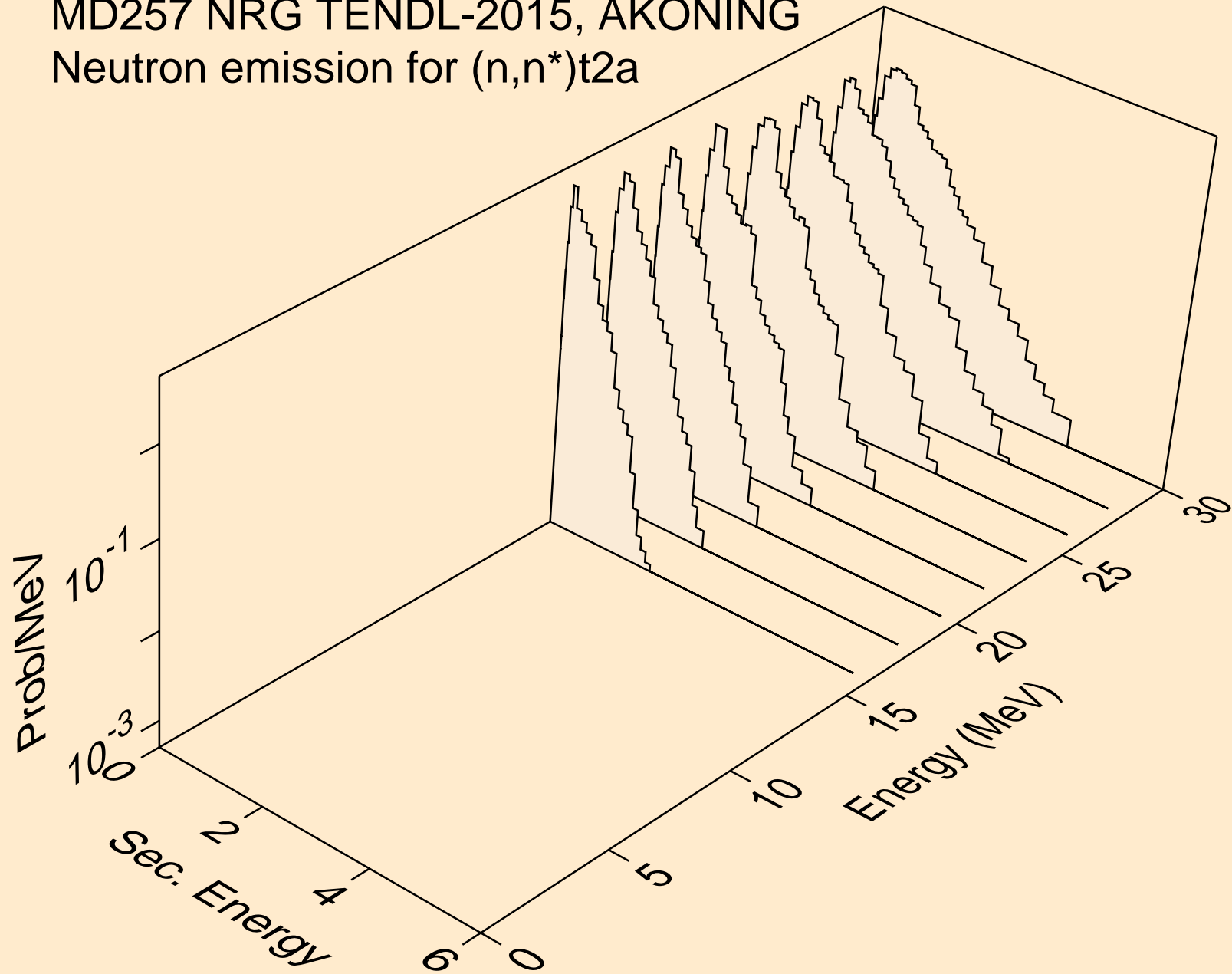
MD257 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



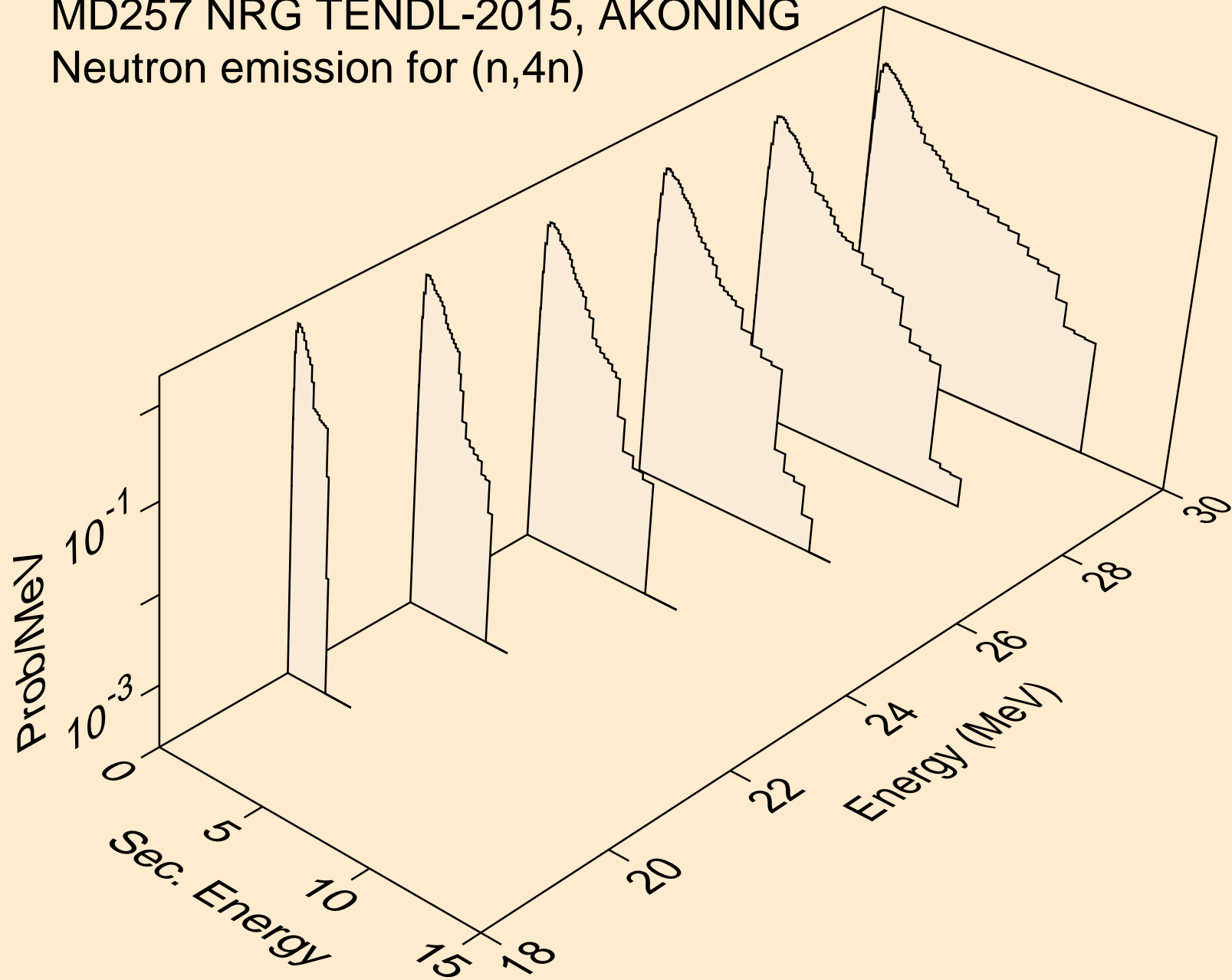
MD257 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



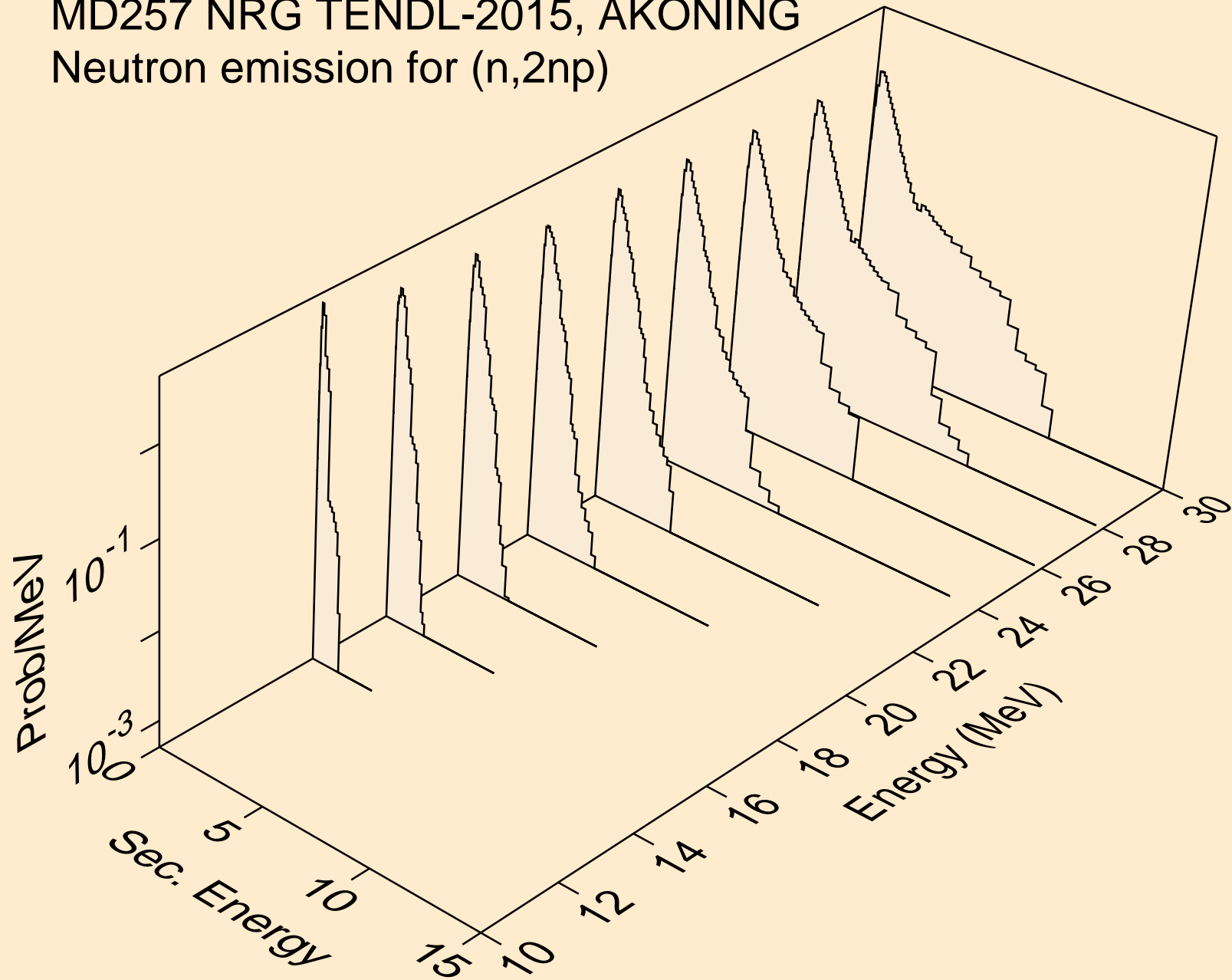
MD257 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t2a



MD257 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)

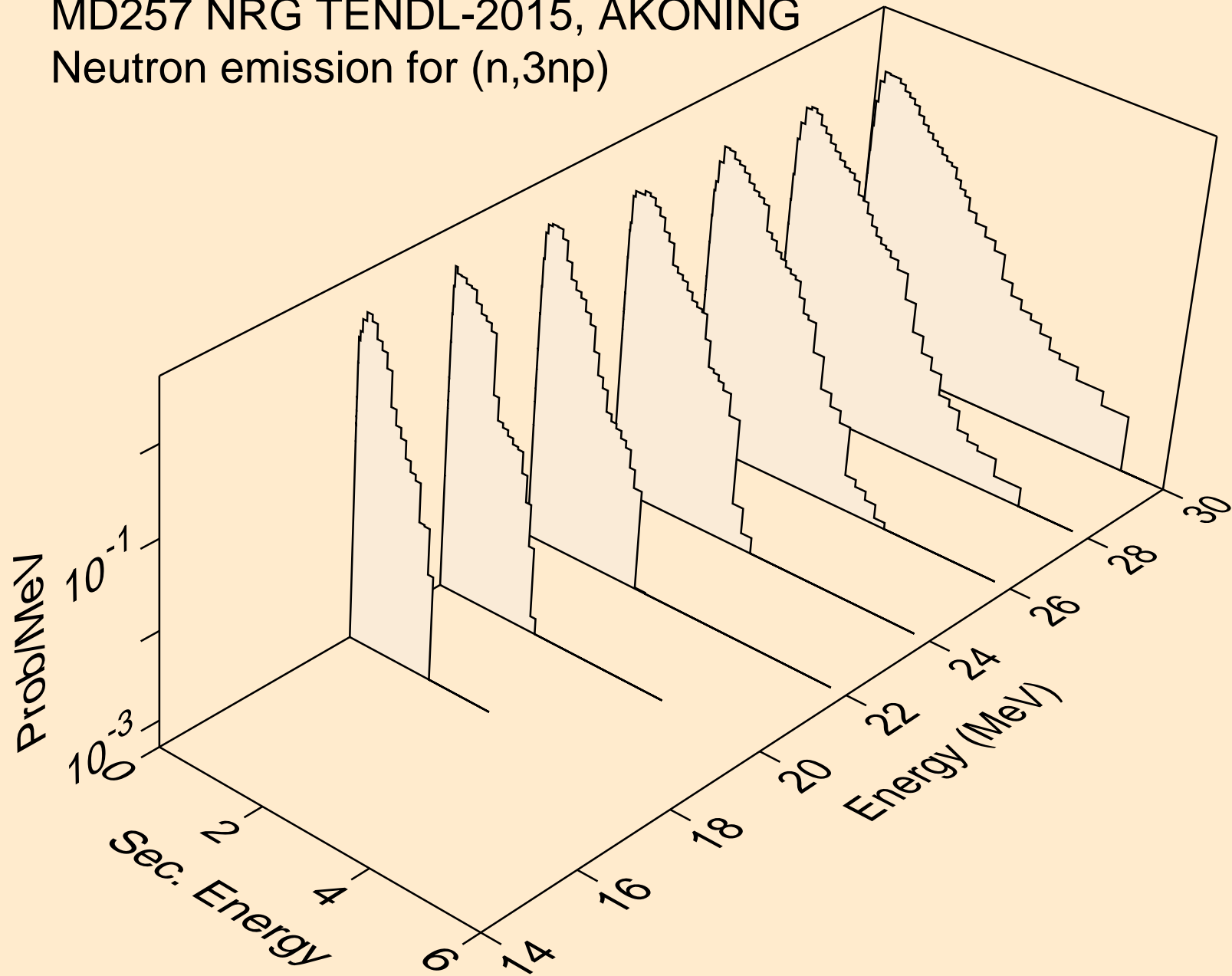


MD257 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

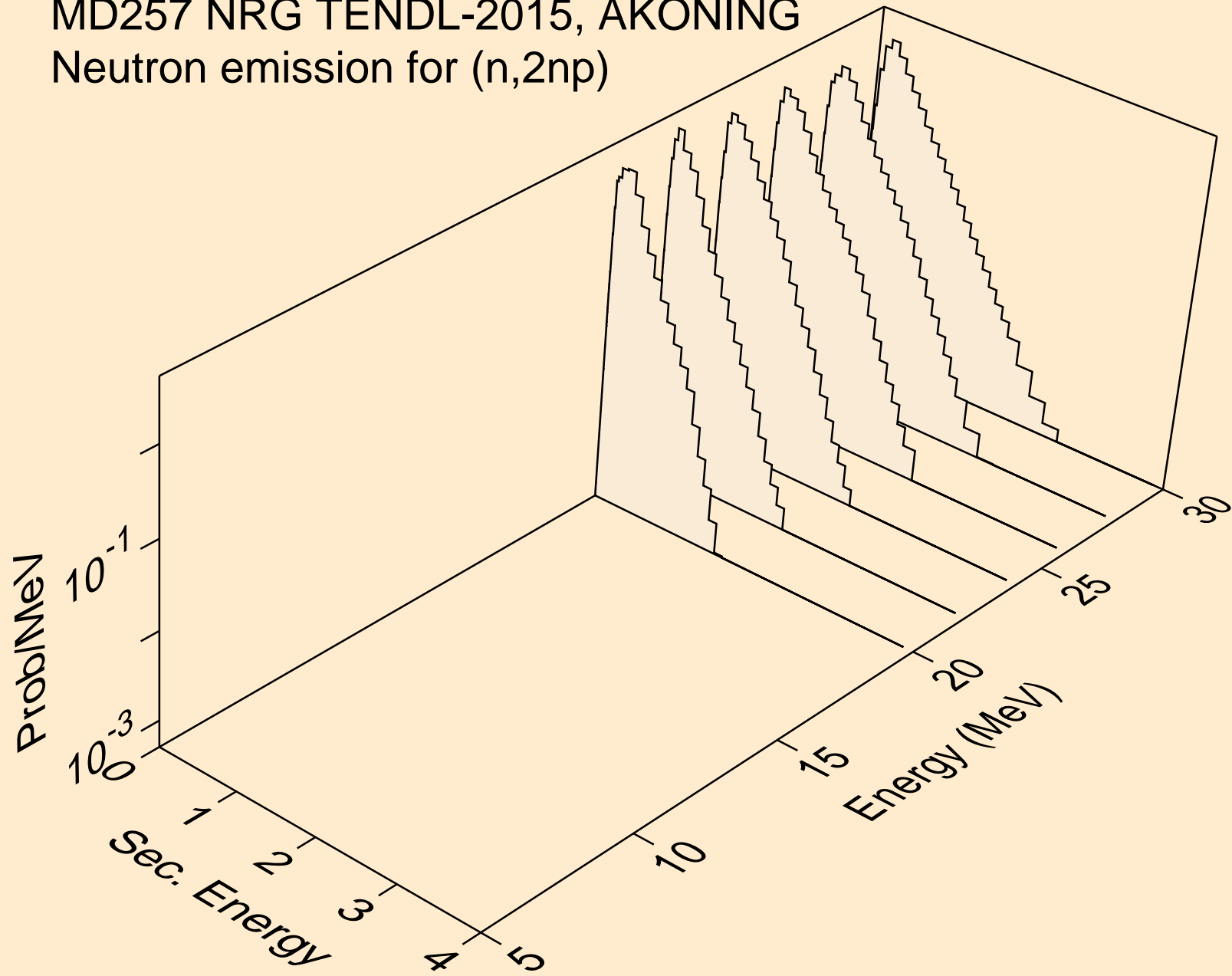




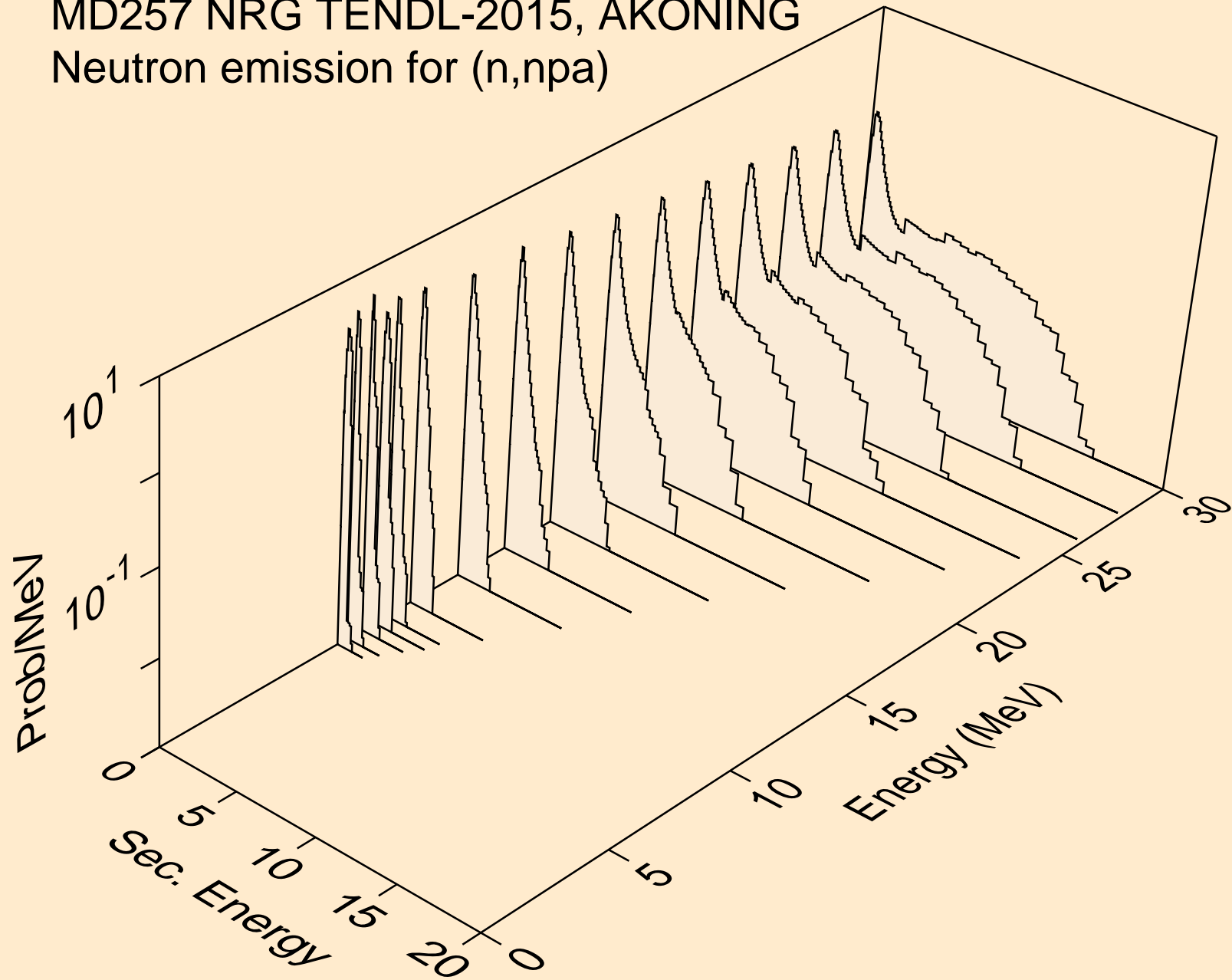
MD257 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



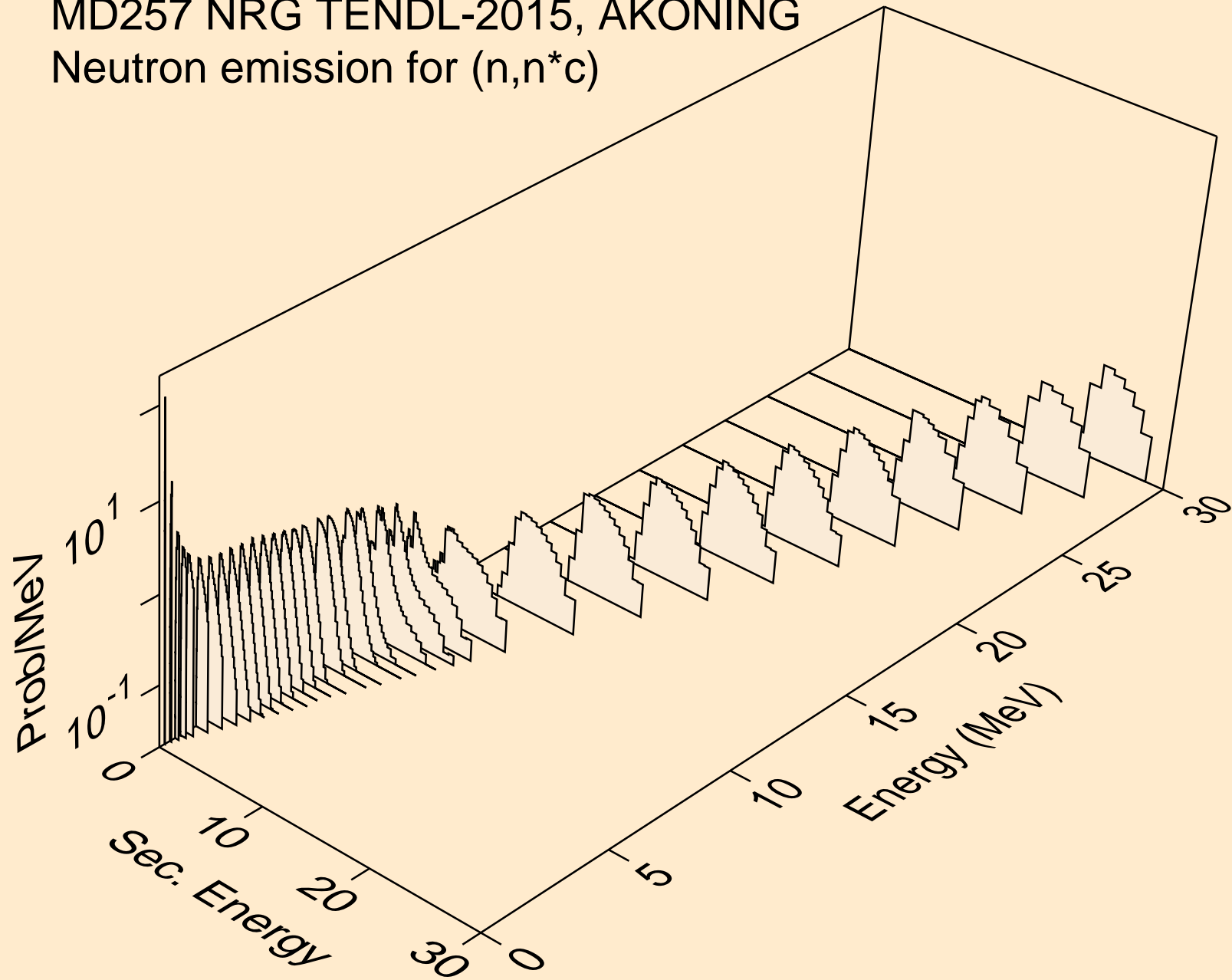
MD257 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



MD257 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

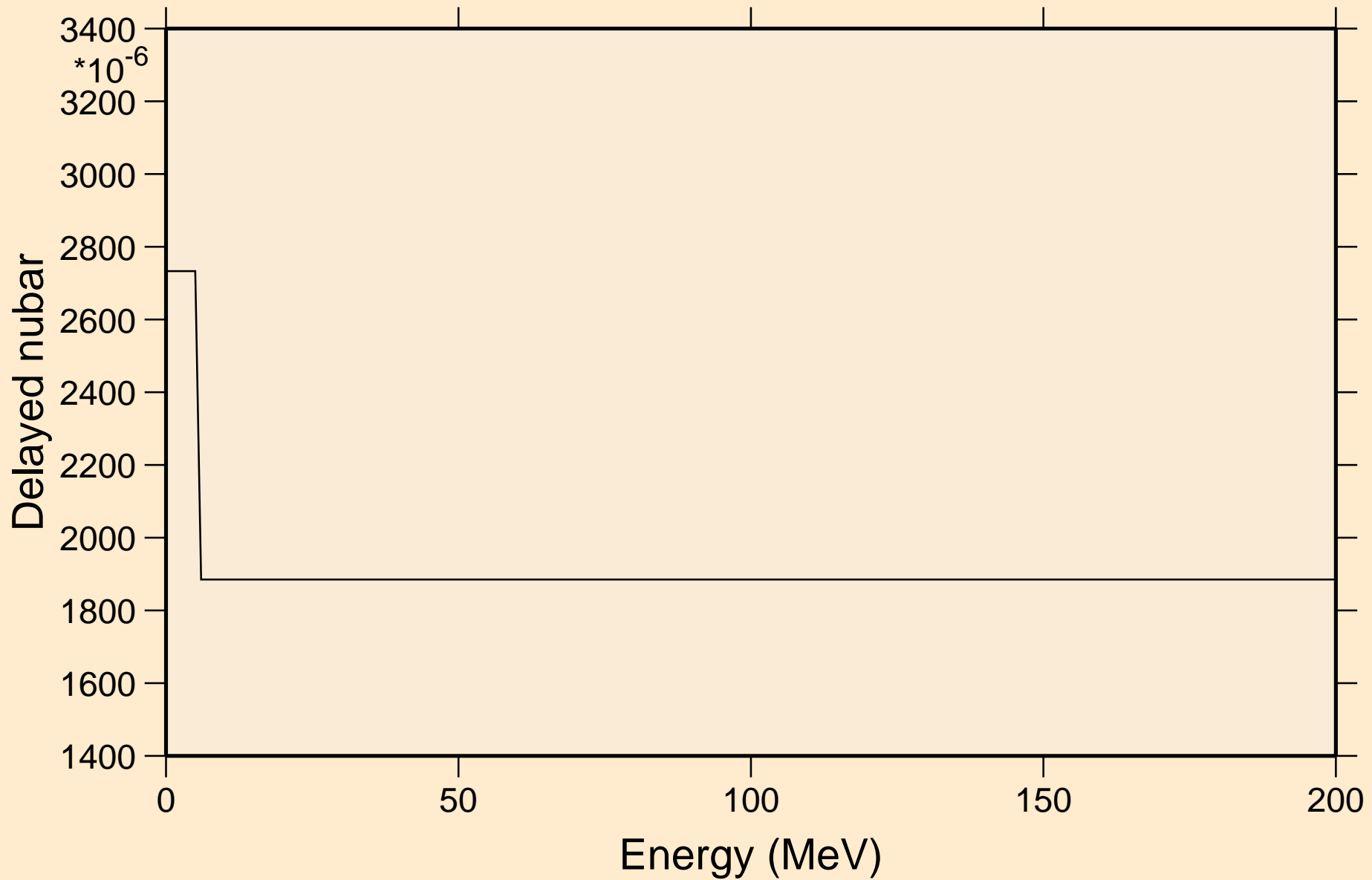


MD257 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



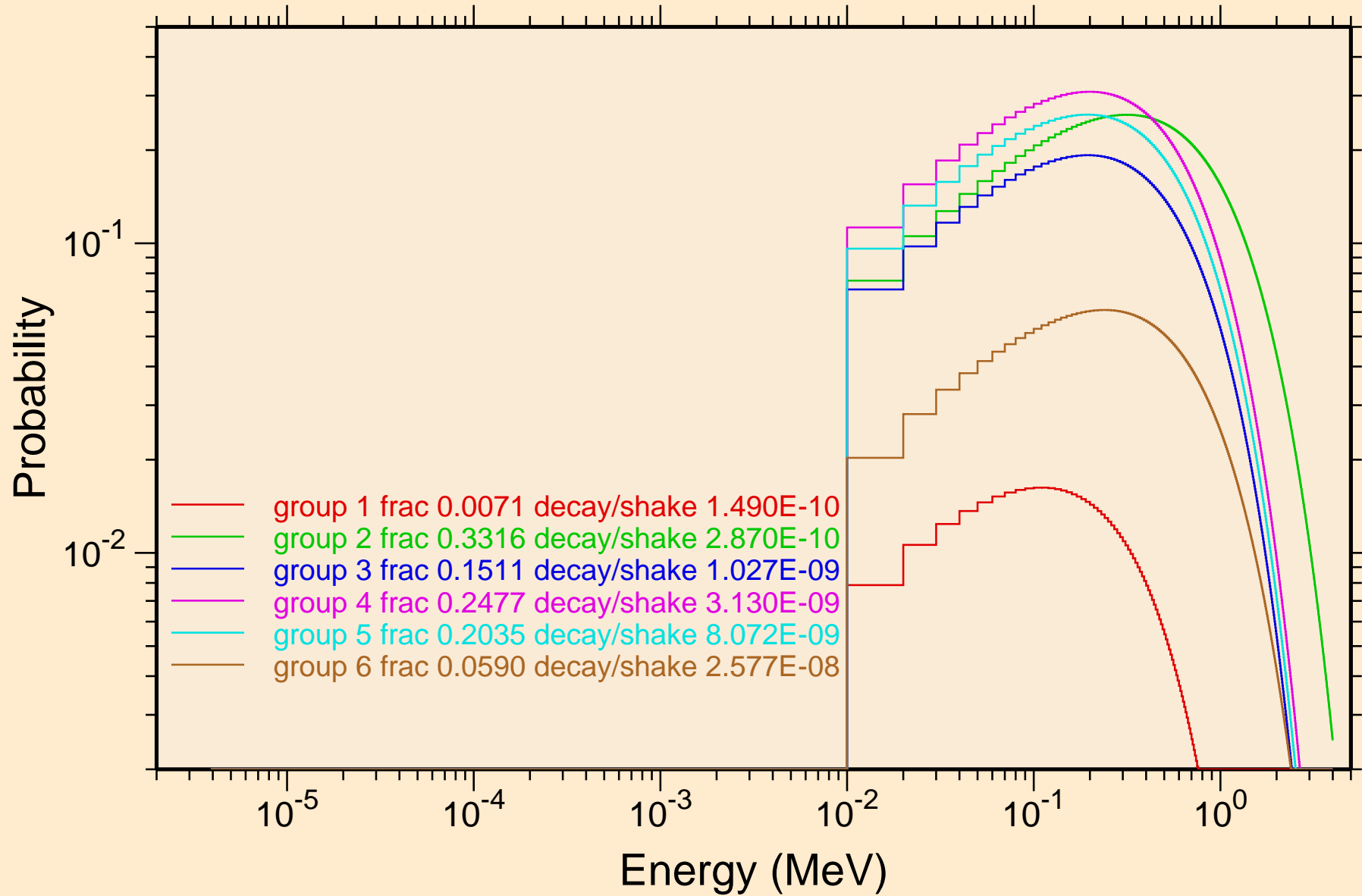
# MD257 NRG TENDL-2015, AKONING

## Delayed nubar

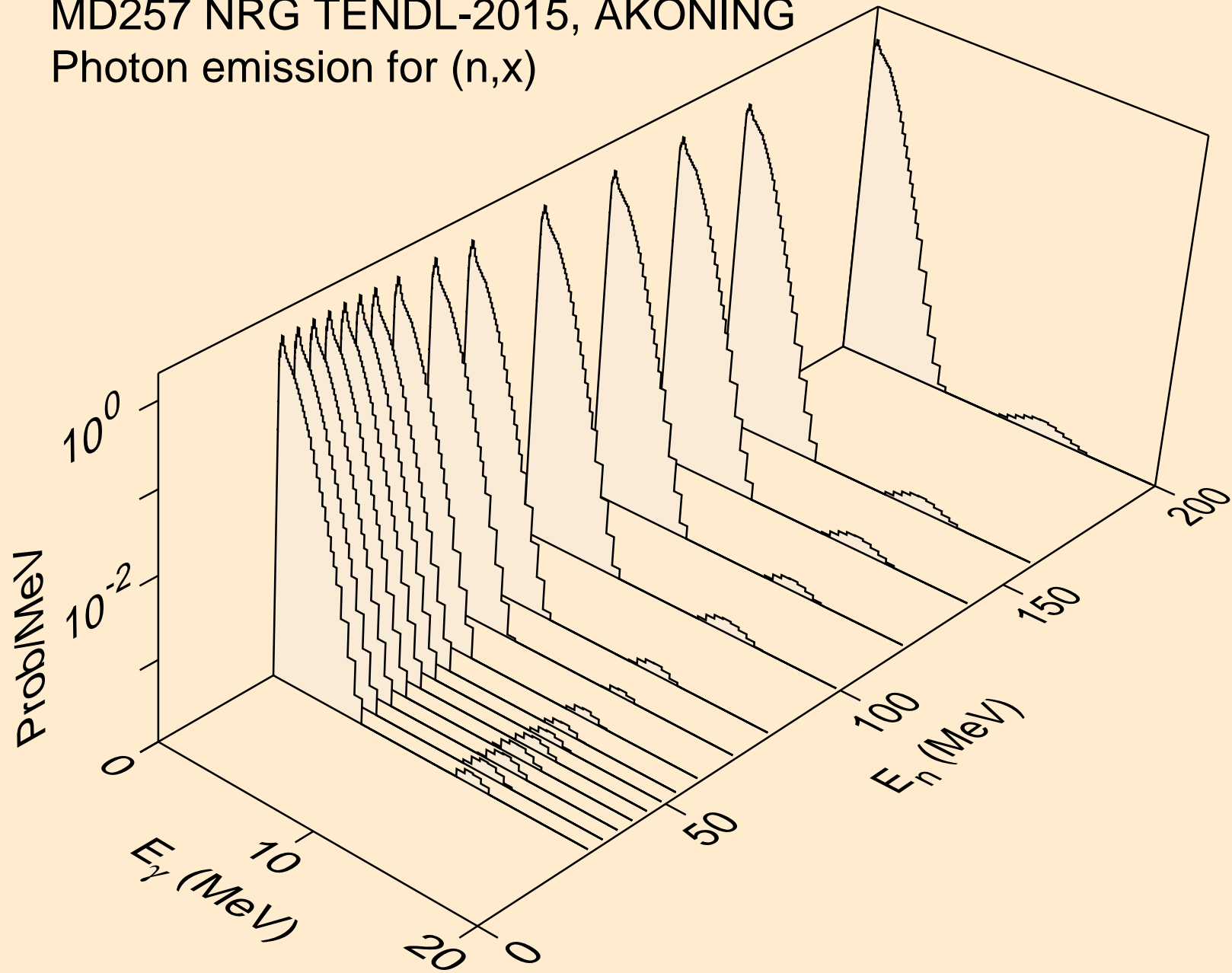


# MD257 NRG TENDL-2015, AKONING

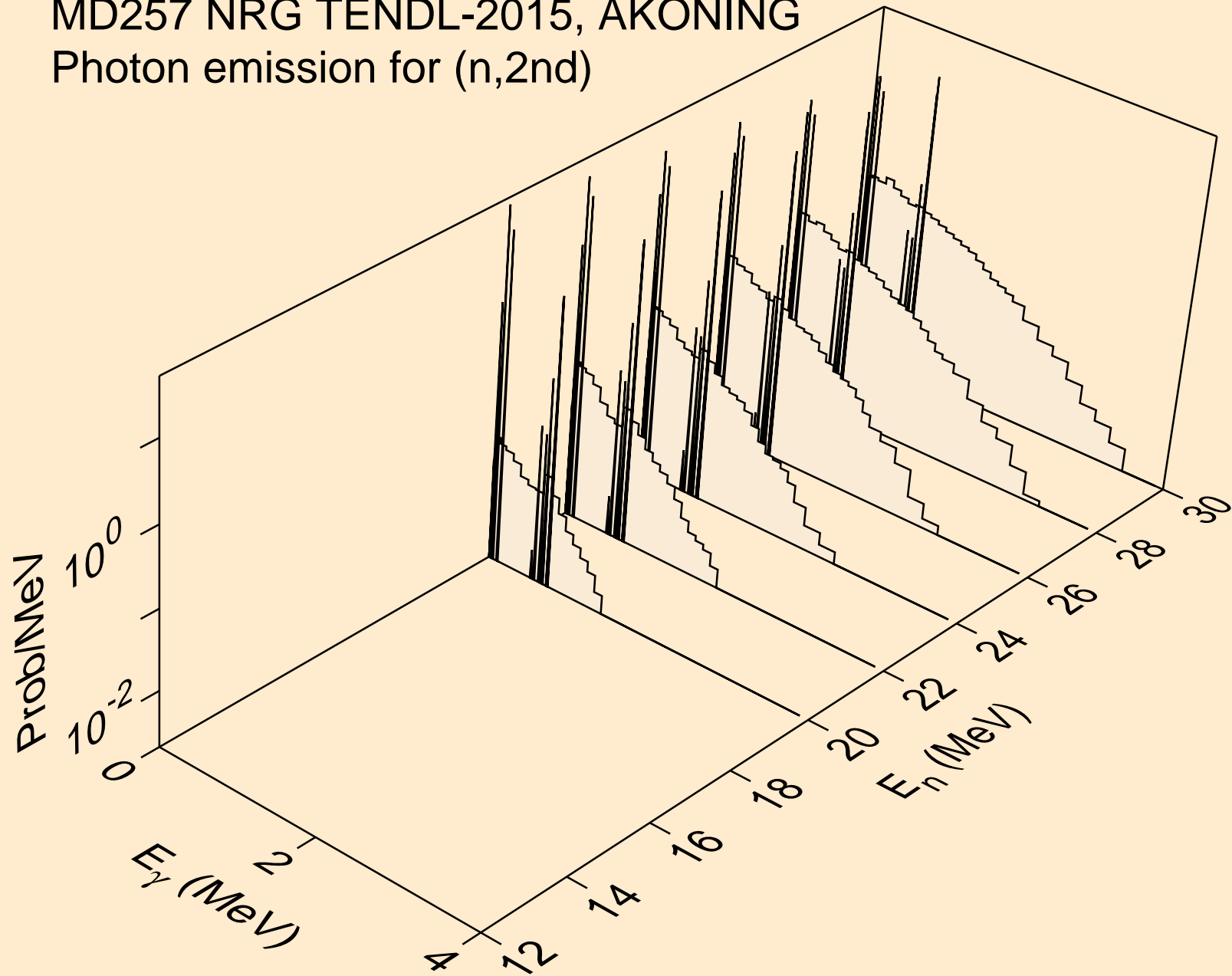
## Delayed neutron spectra



MD257 NRG TENDL-2015, AKONING  
Photon emission for (n,x)

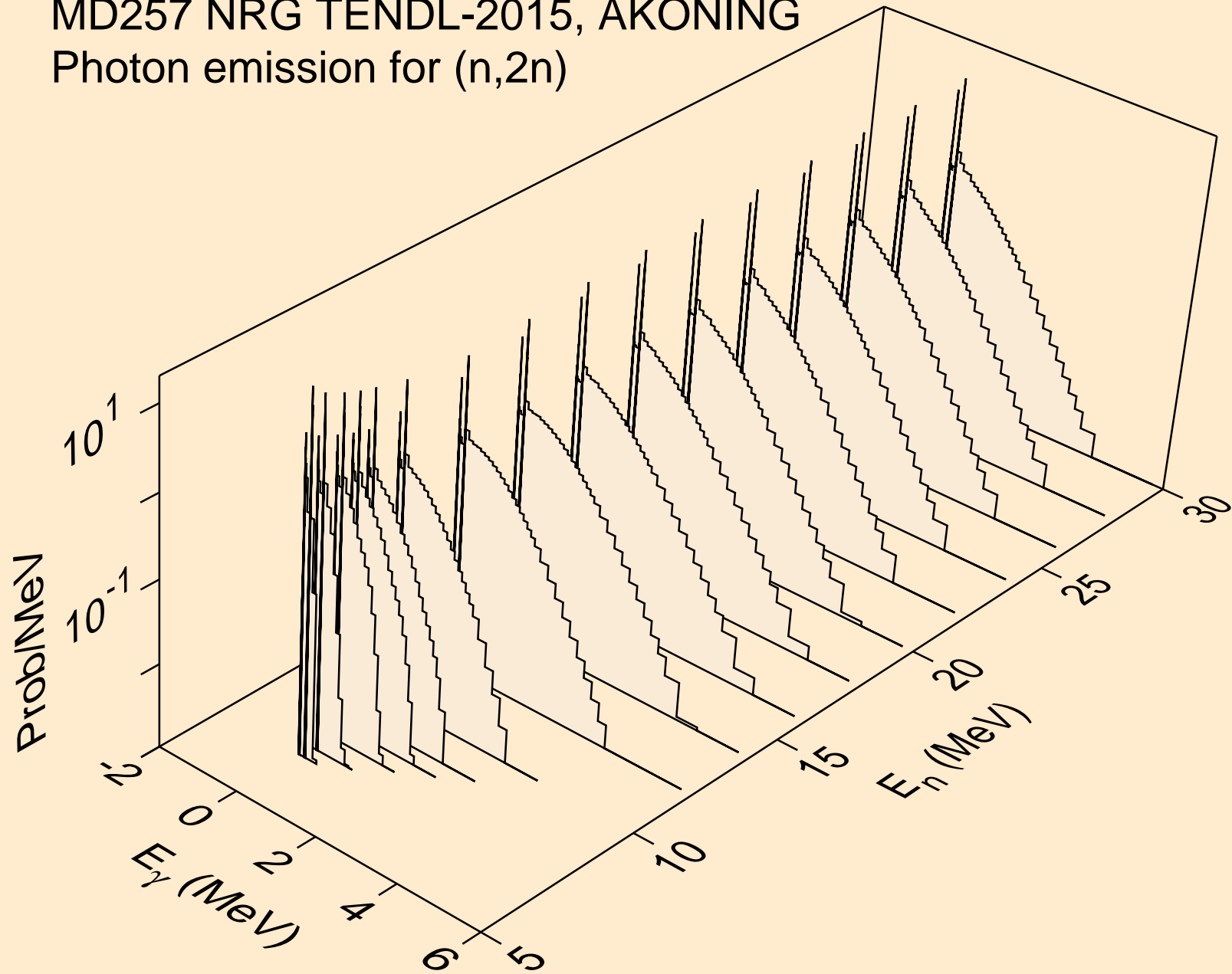


MD257 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)

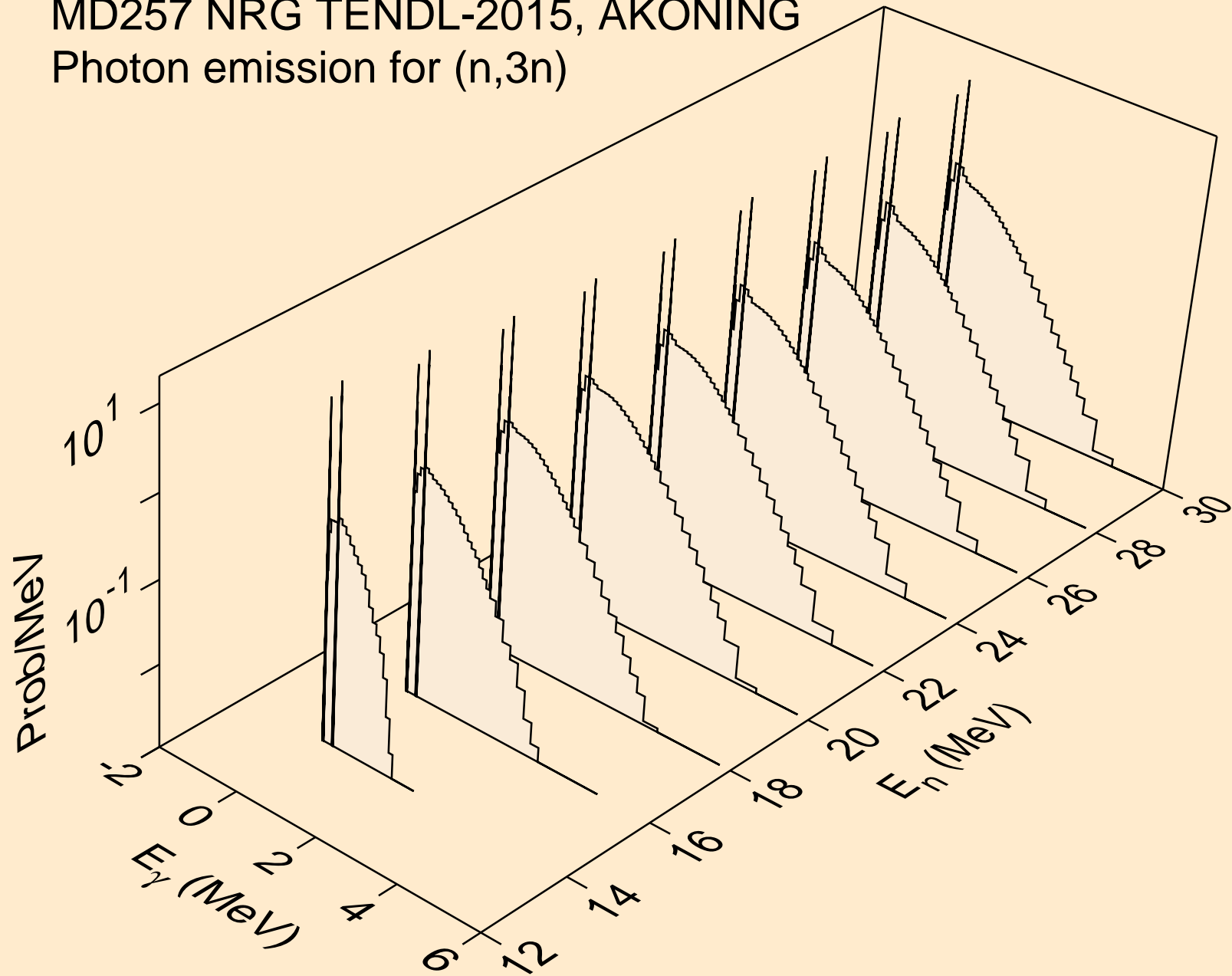




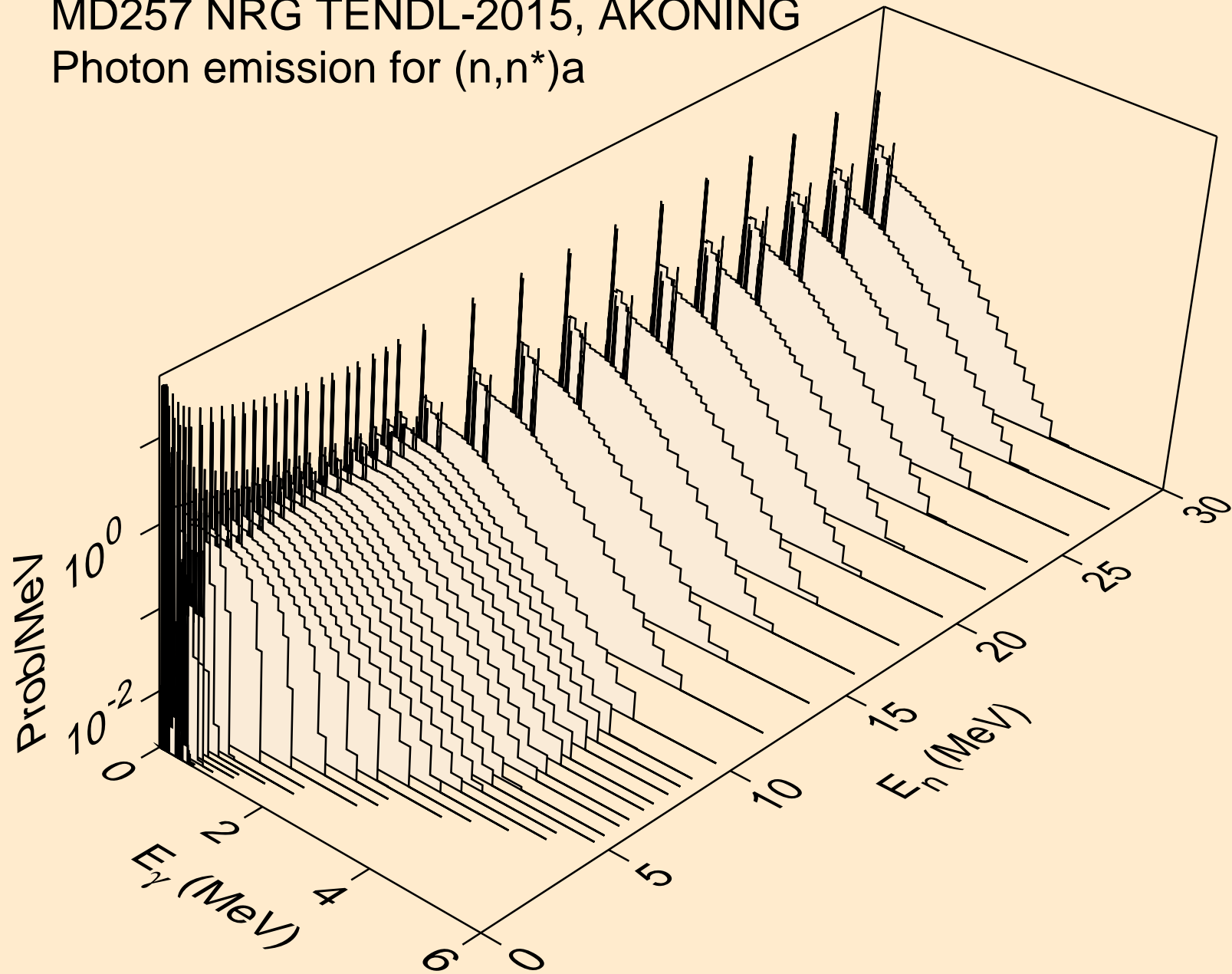
MD257 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



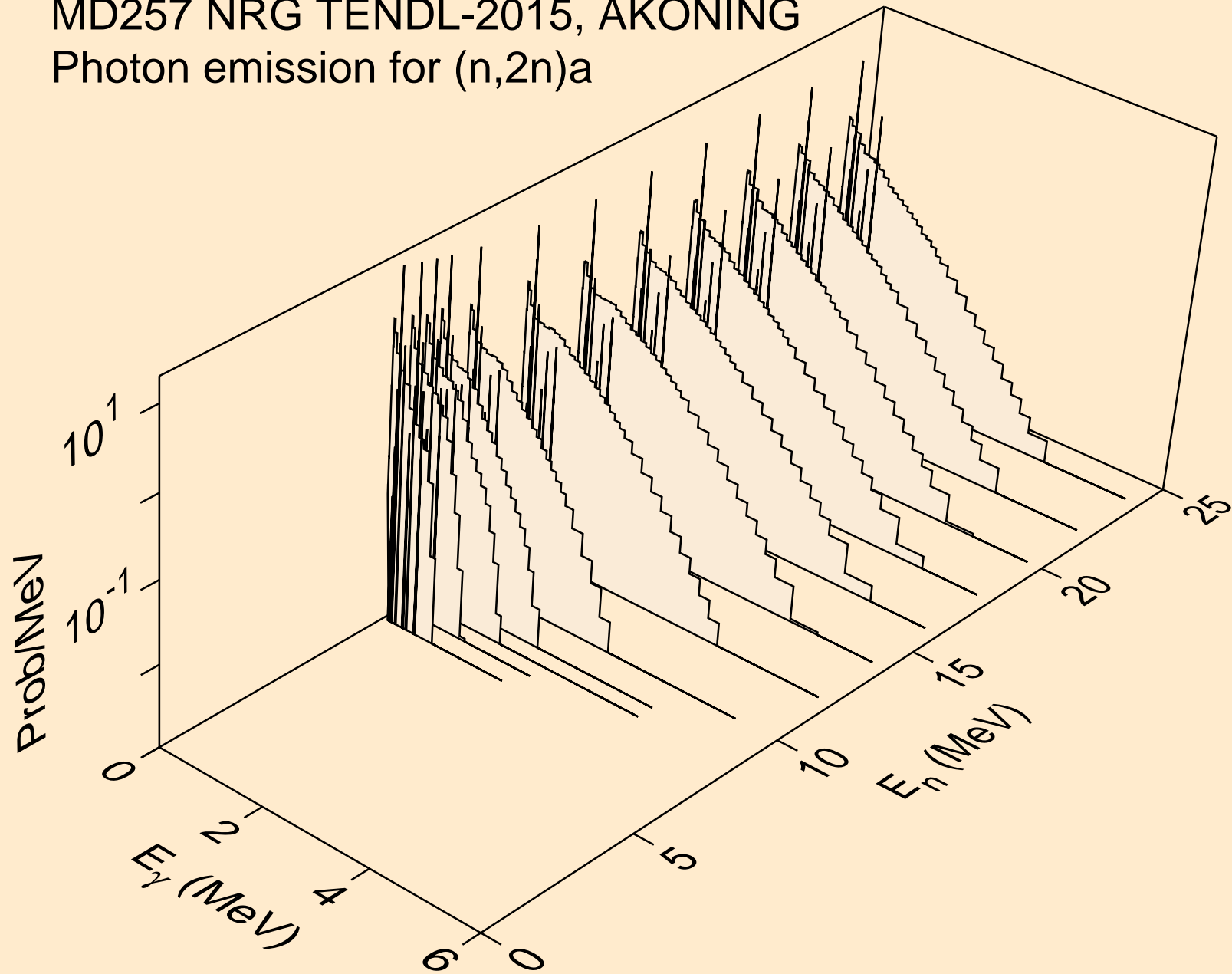
MD257 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



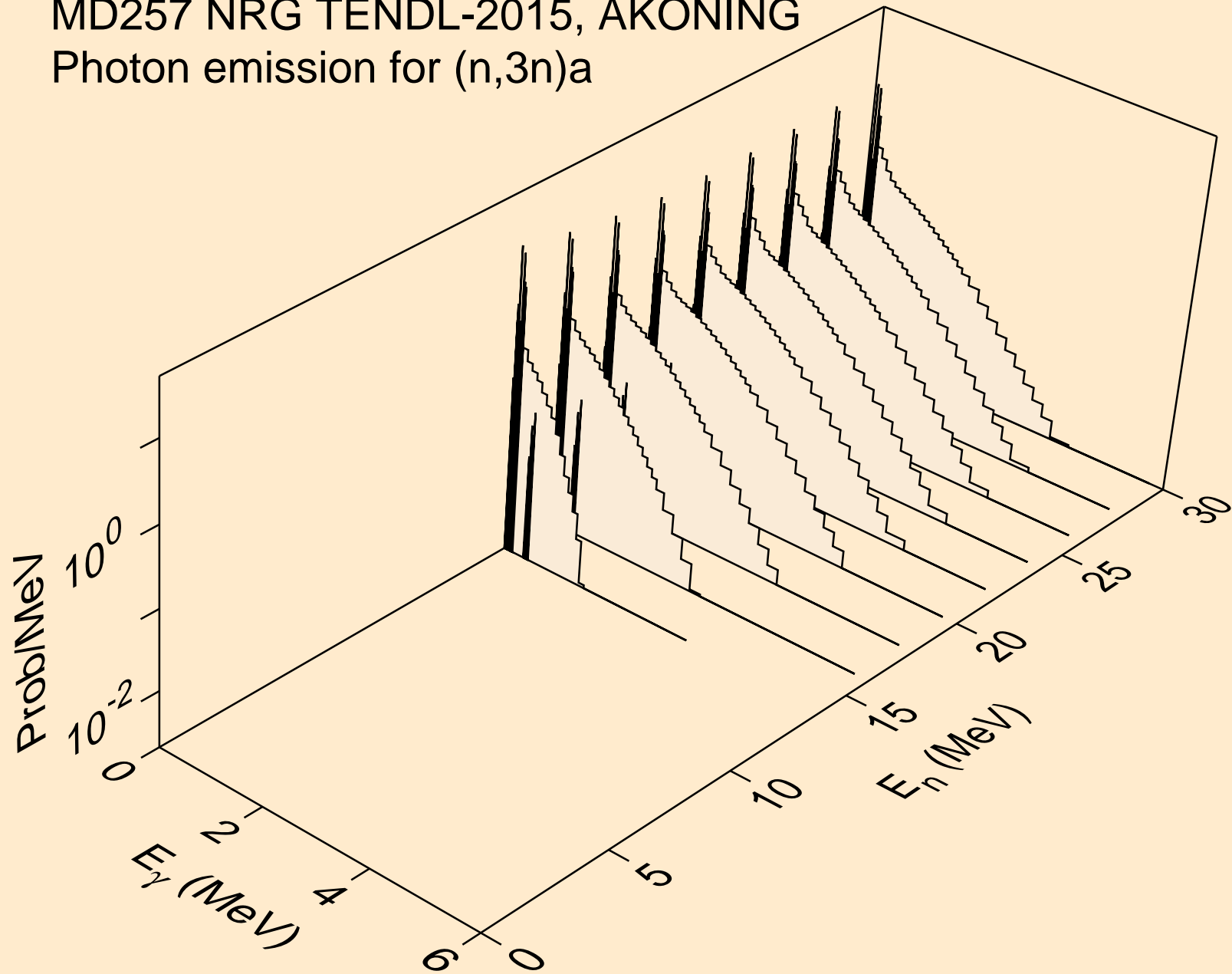
MD257 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



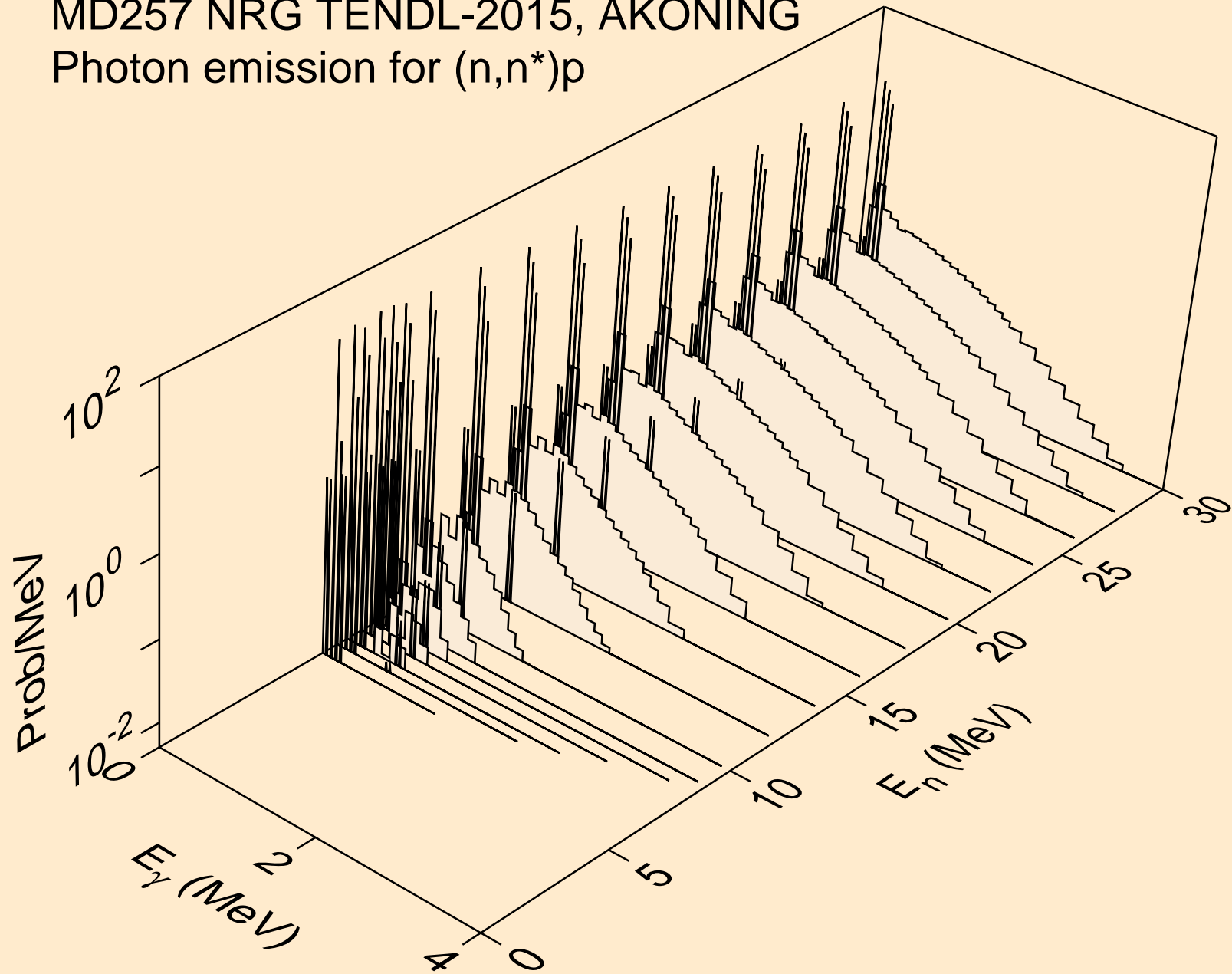
MD257 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



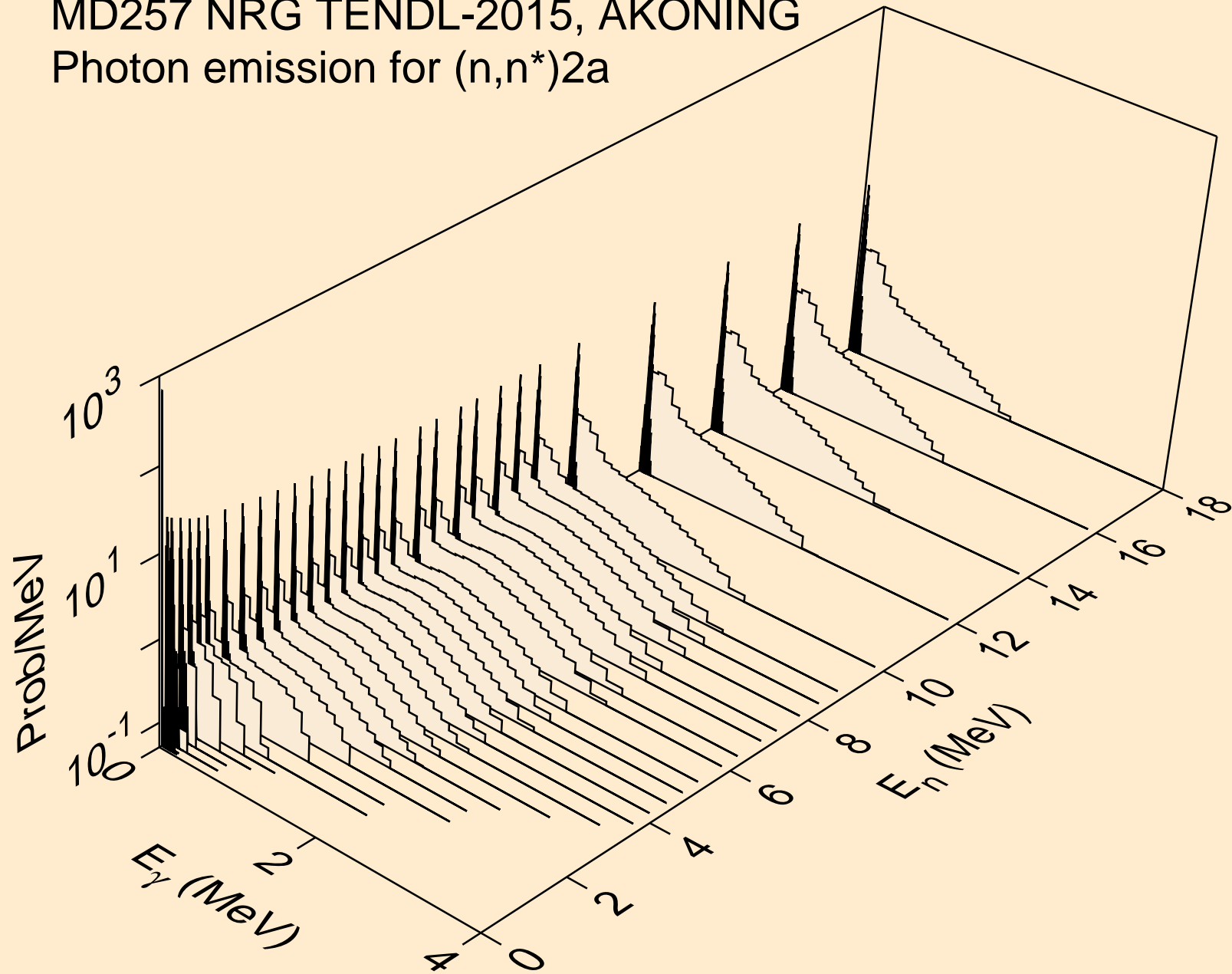
MD257 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



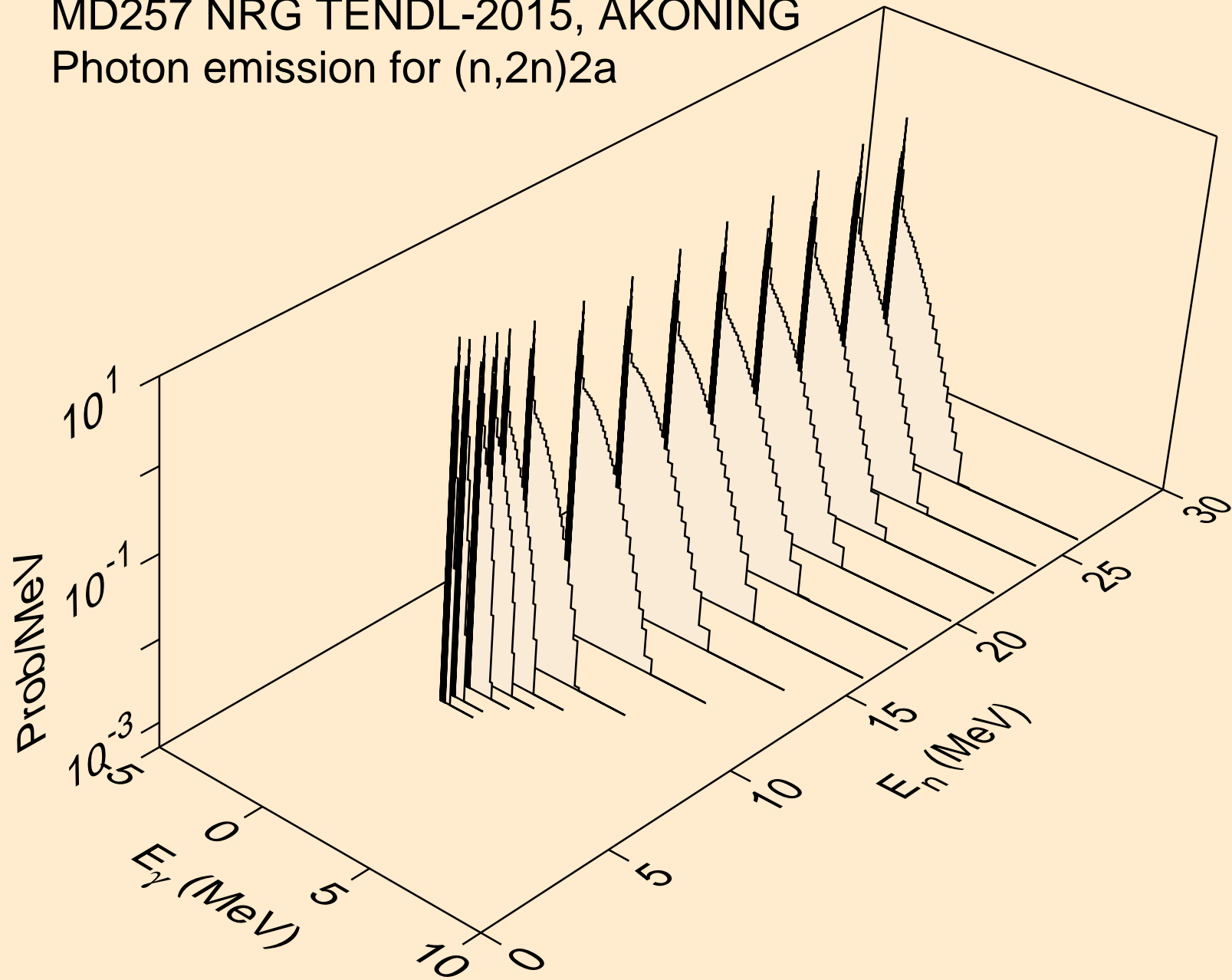
MD257 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



MD257 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a

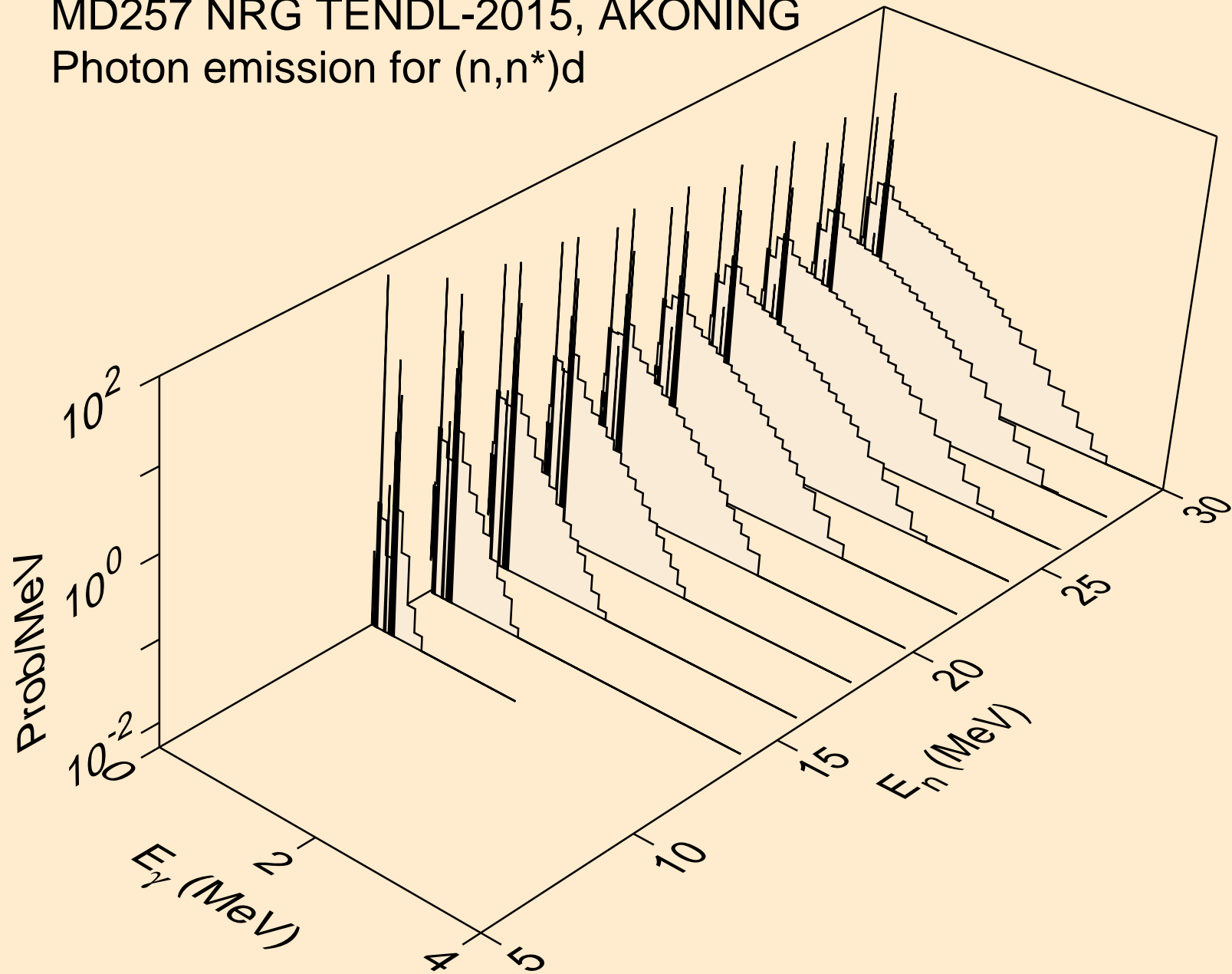


MD257 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a

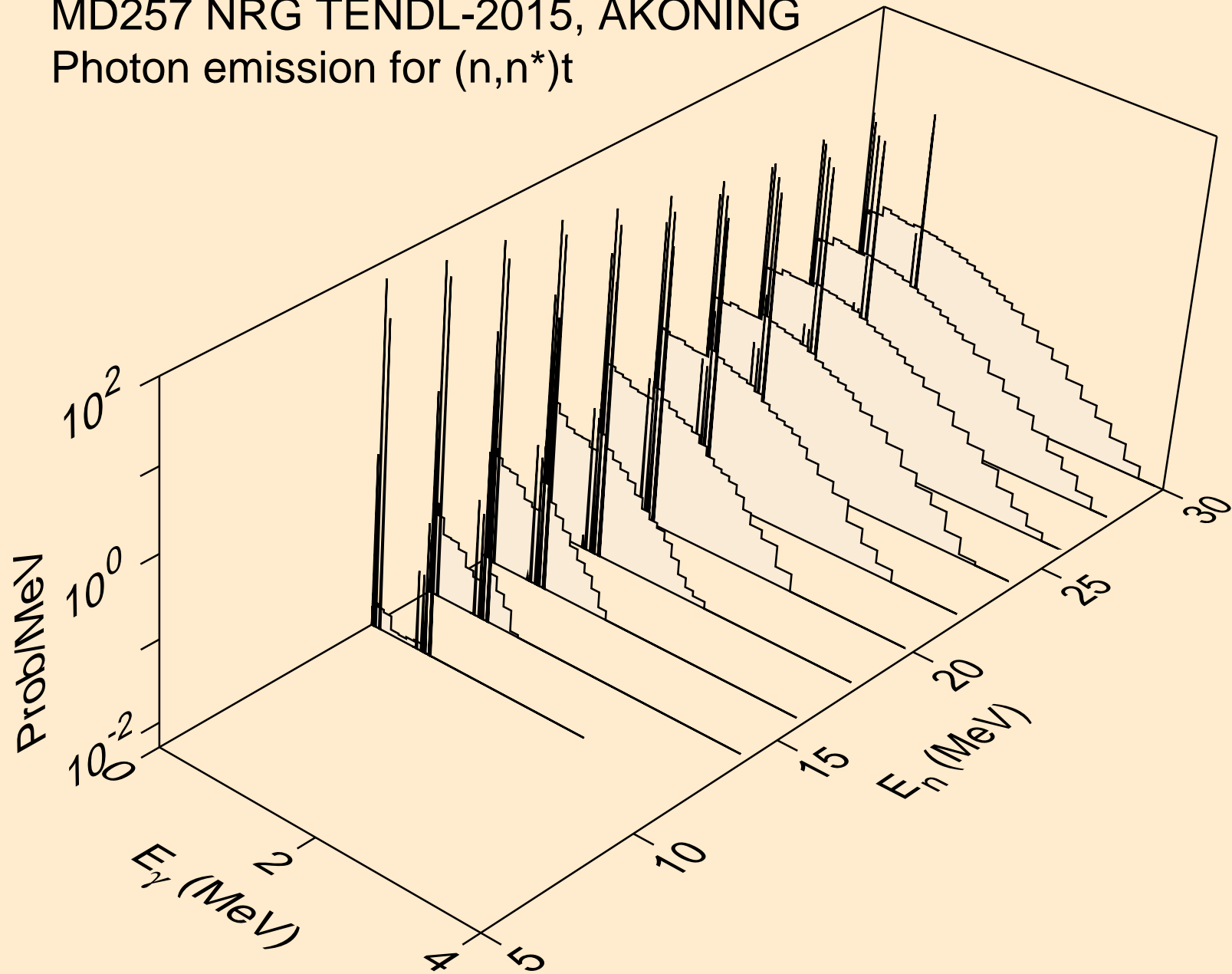




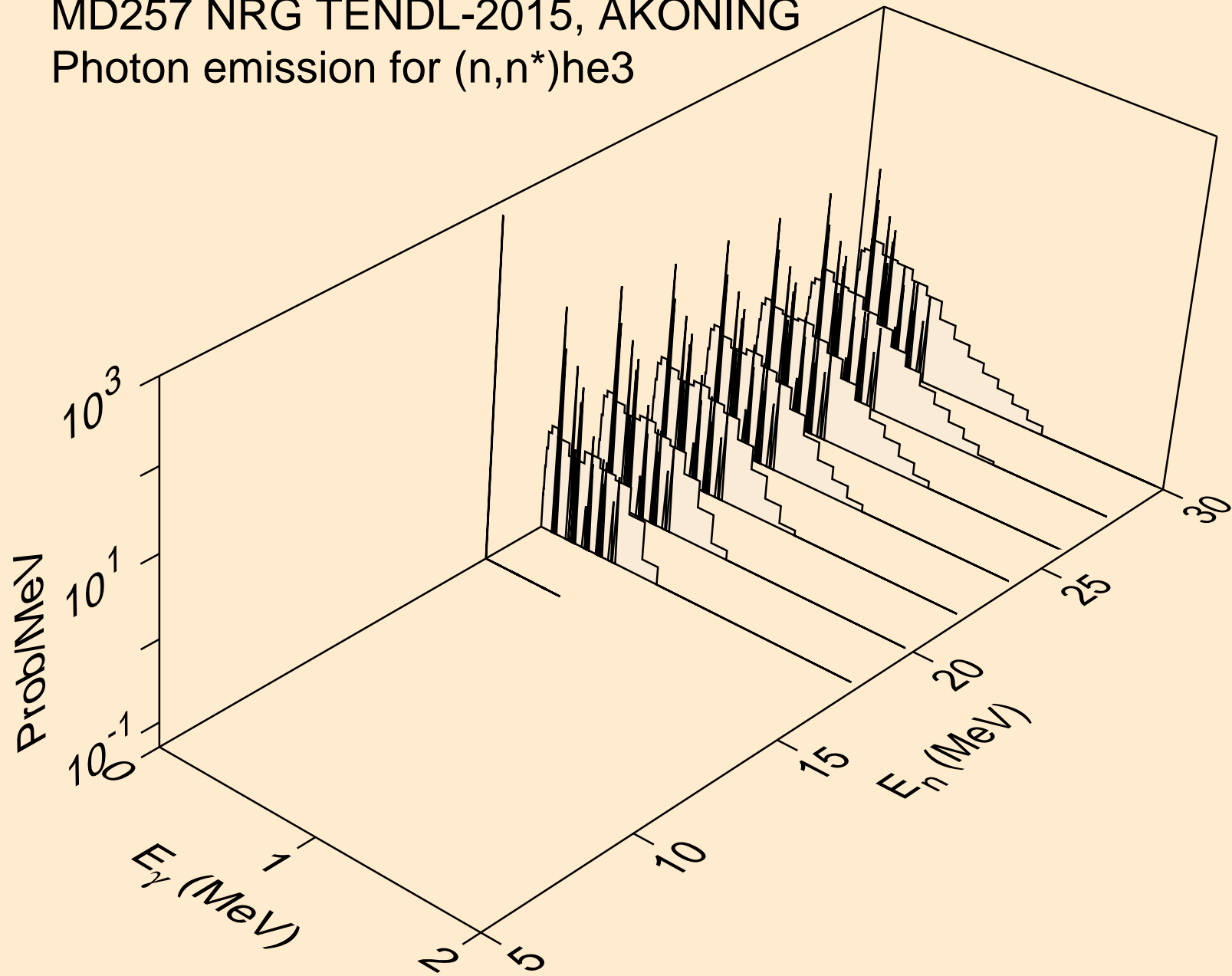
MD257 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



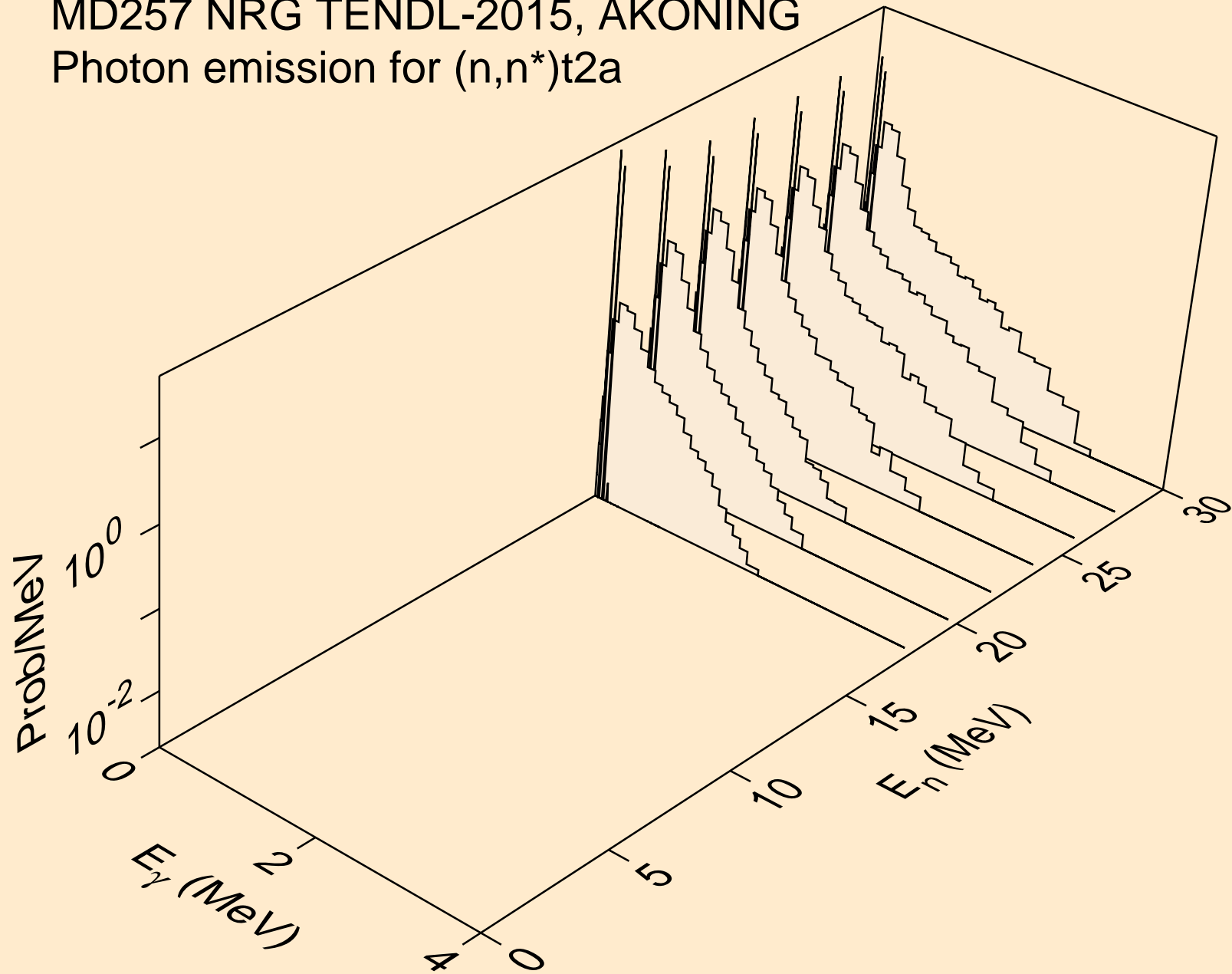
MD257 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



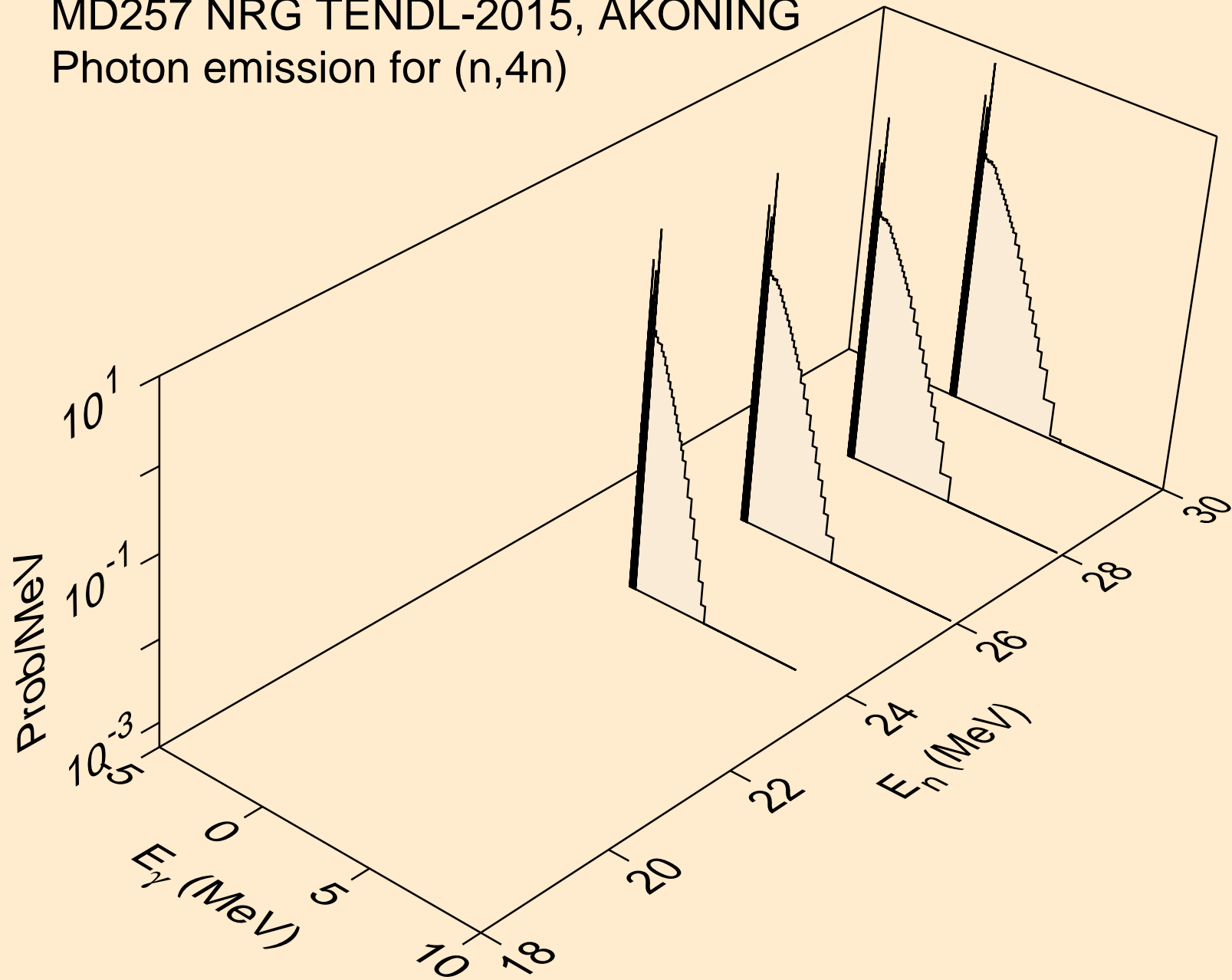
MD257 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



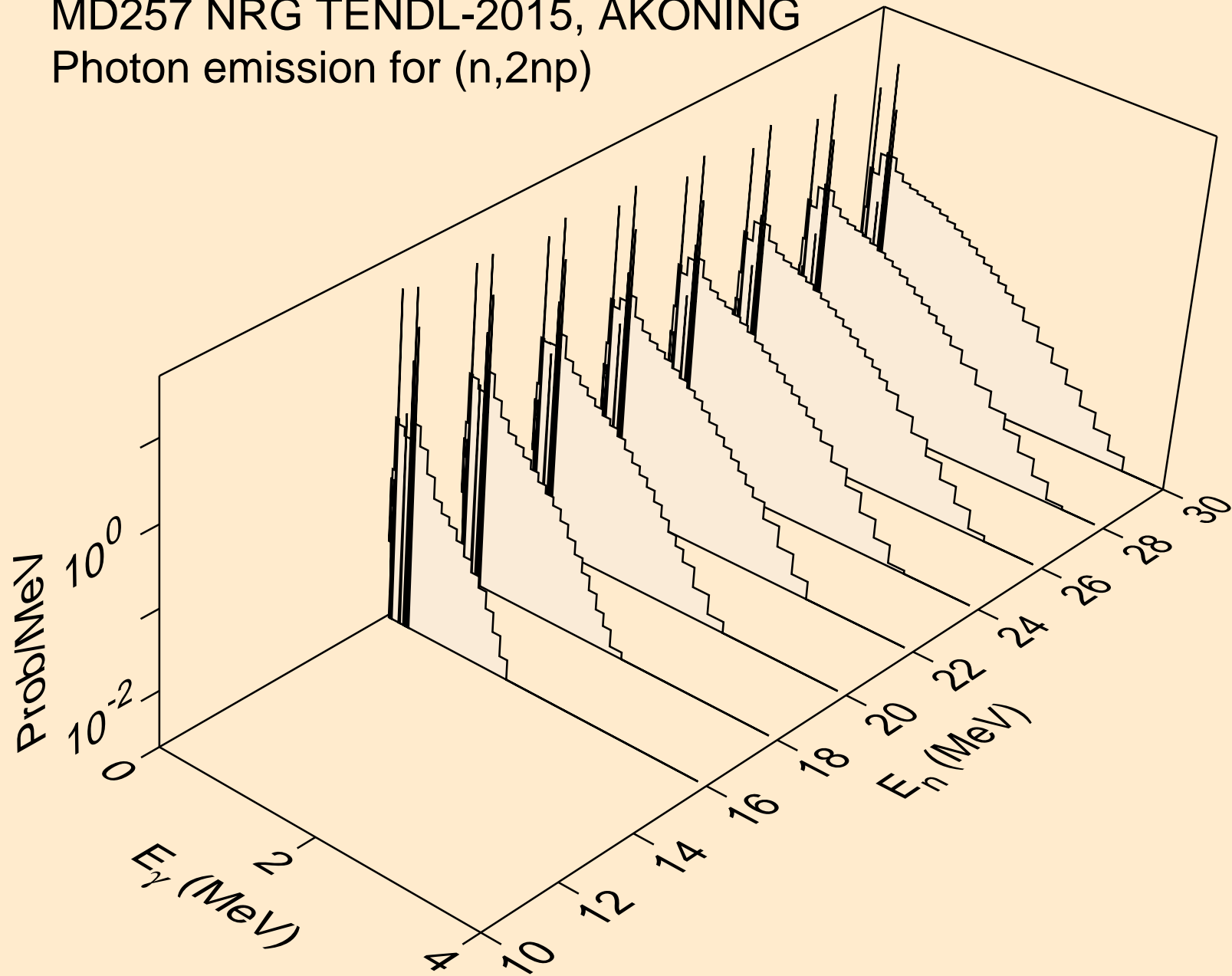
MD257 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t2a



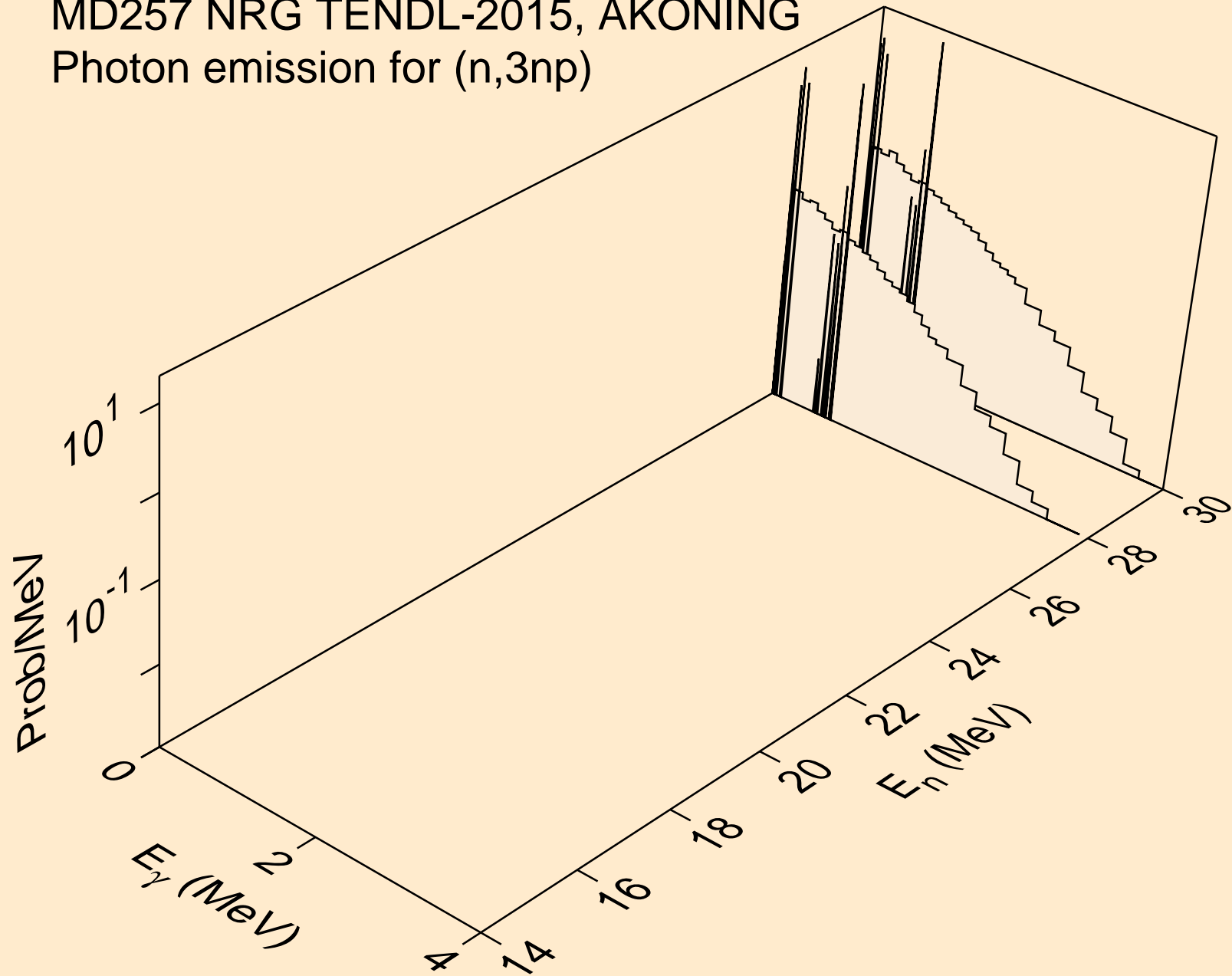
MD257 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



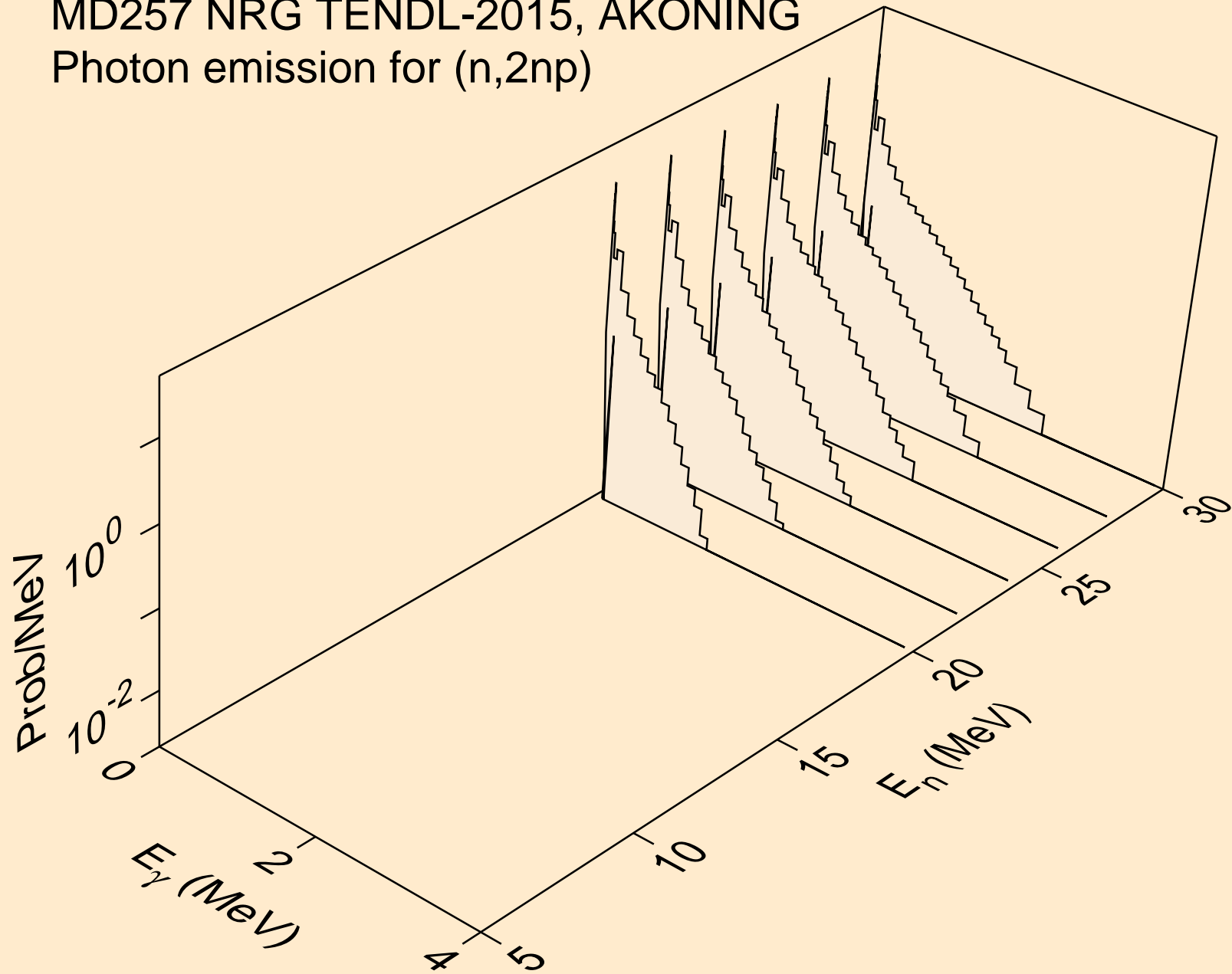
MD257 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



MD257 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)

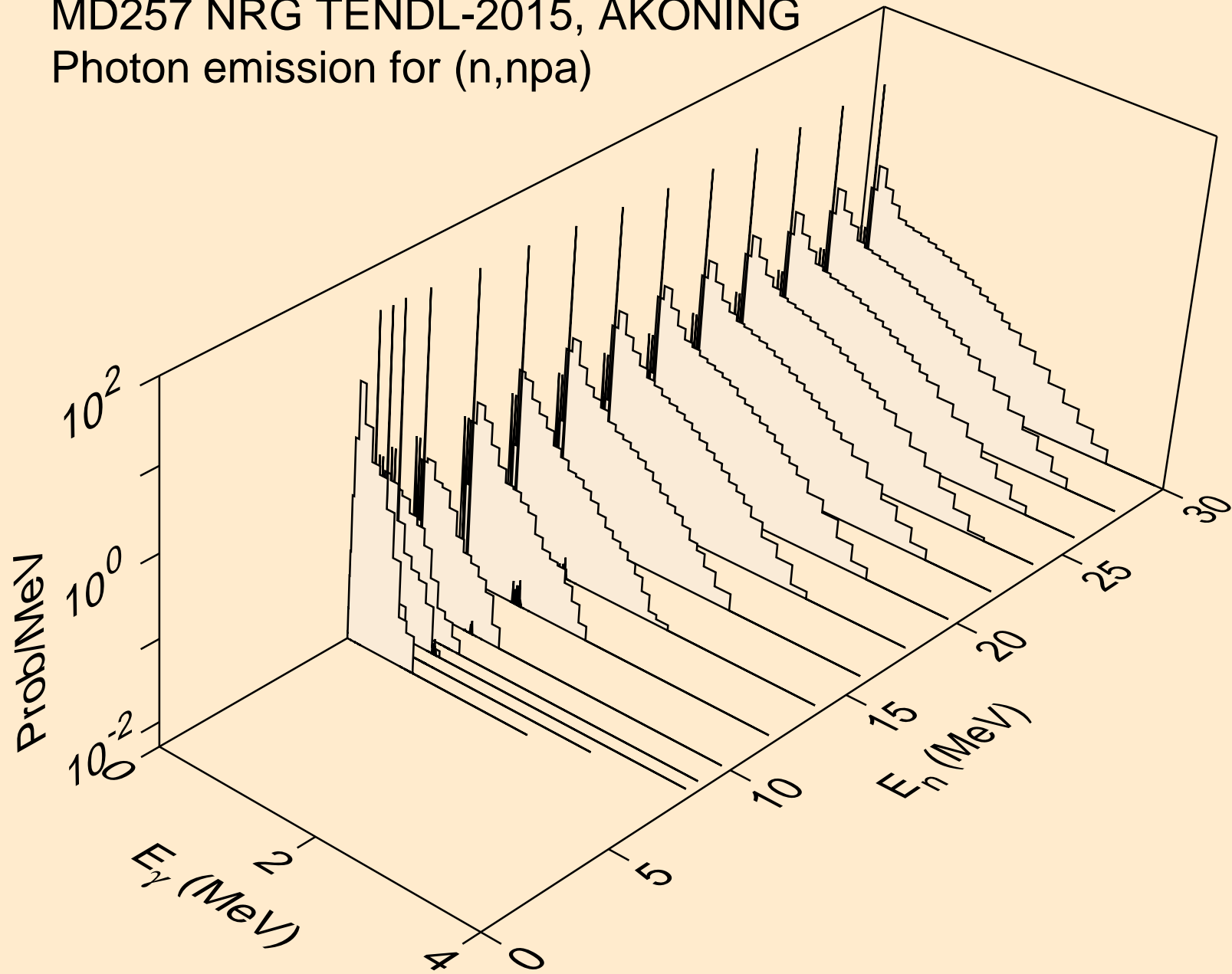


MD257 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

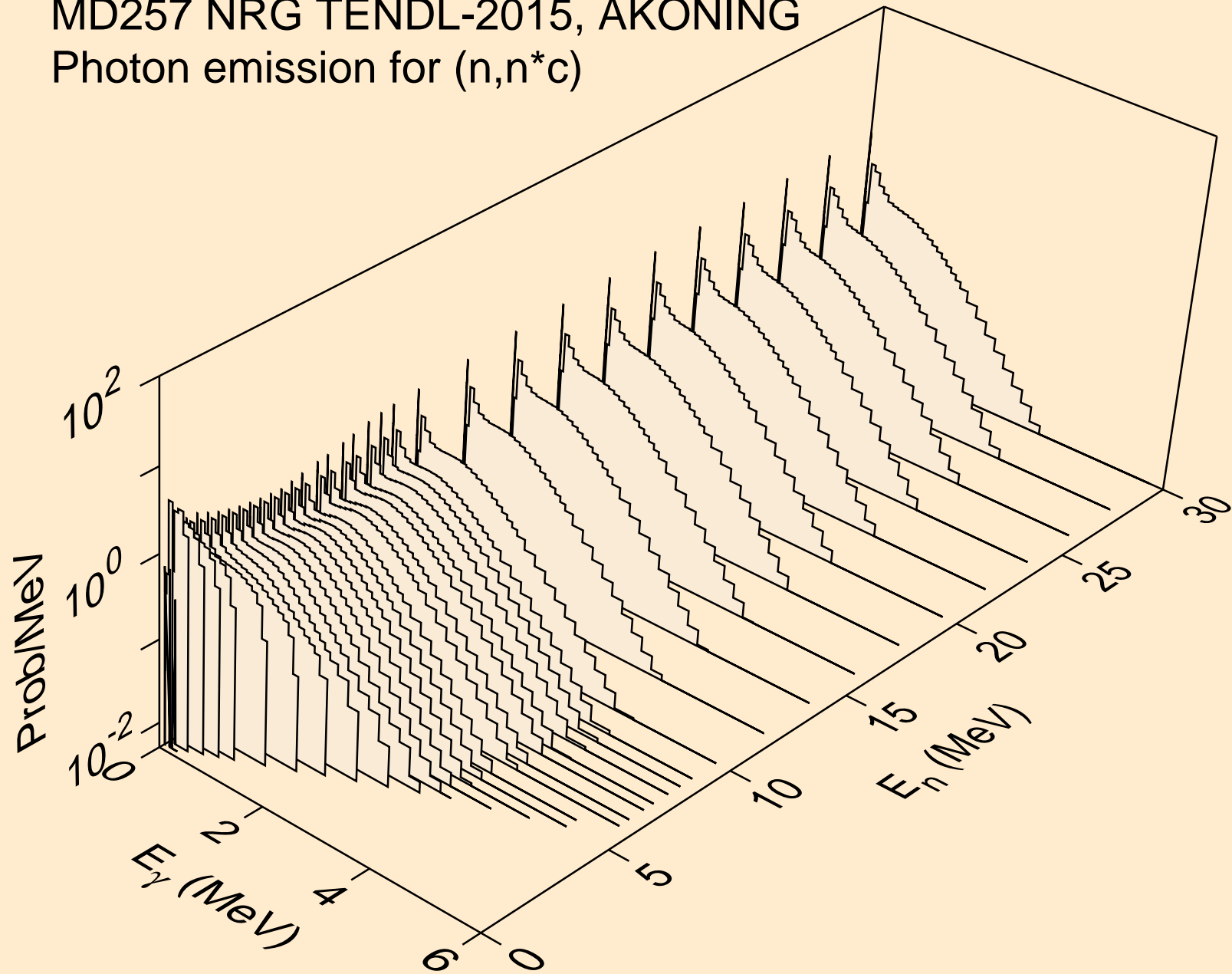




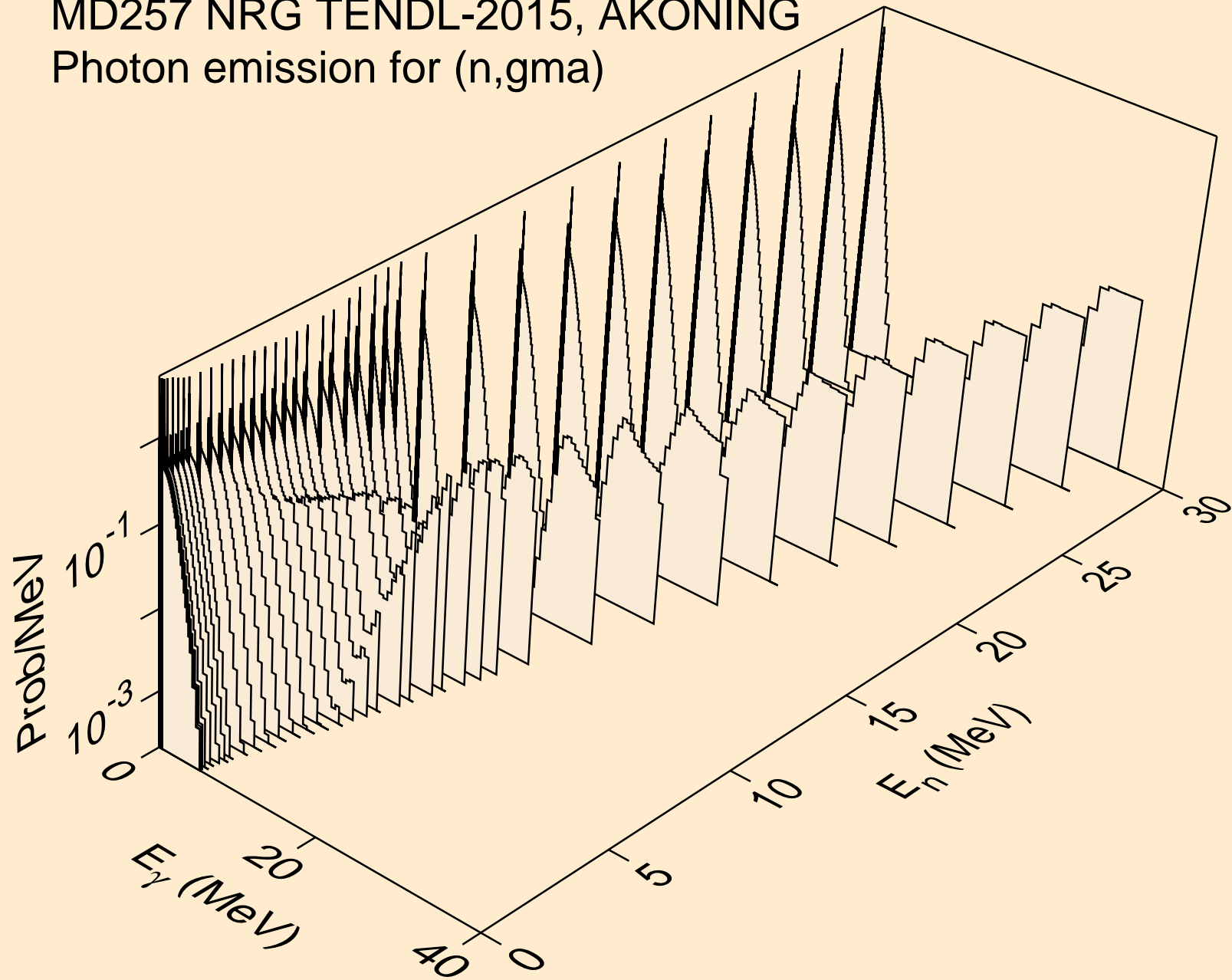
MD257 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



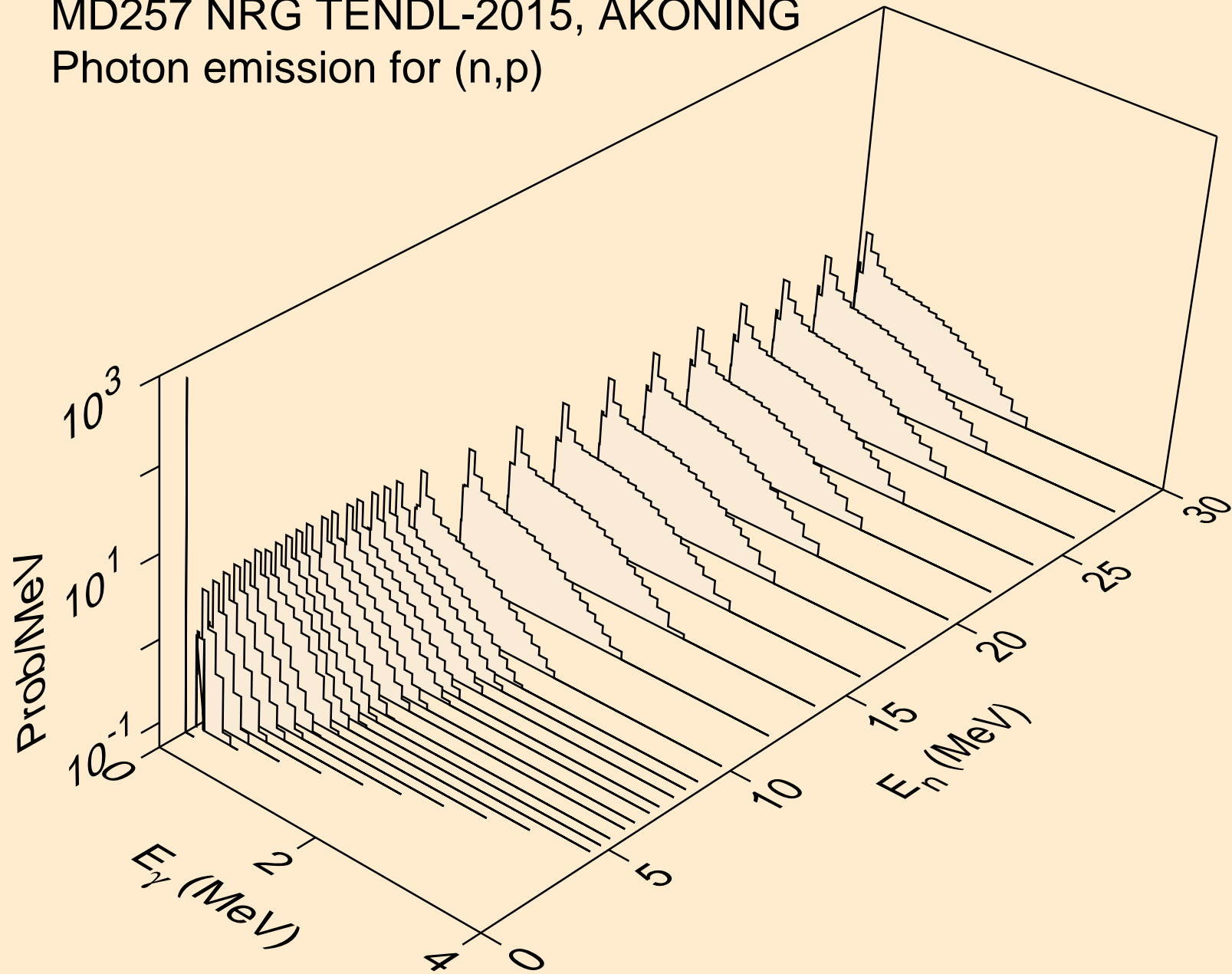
MD257 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



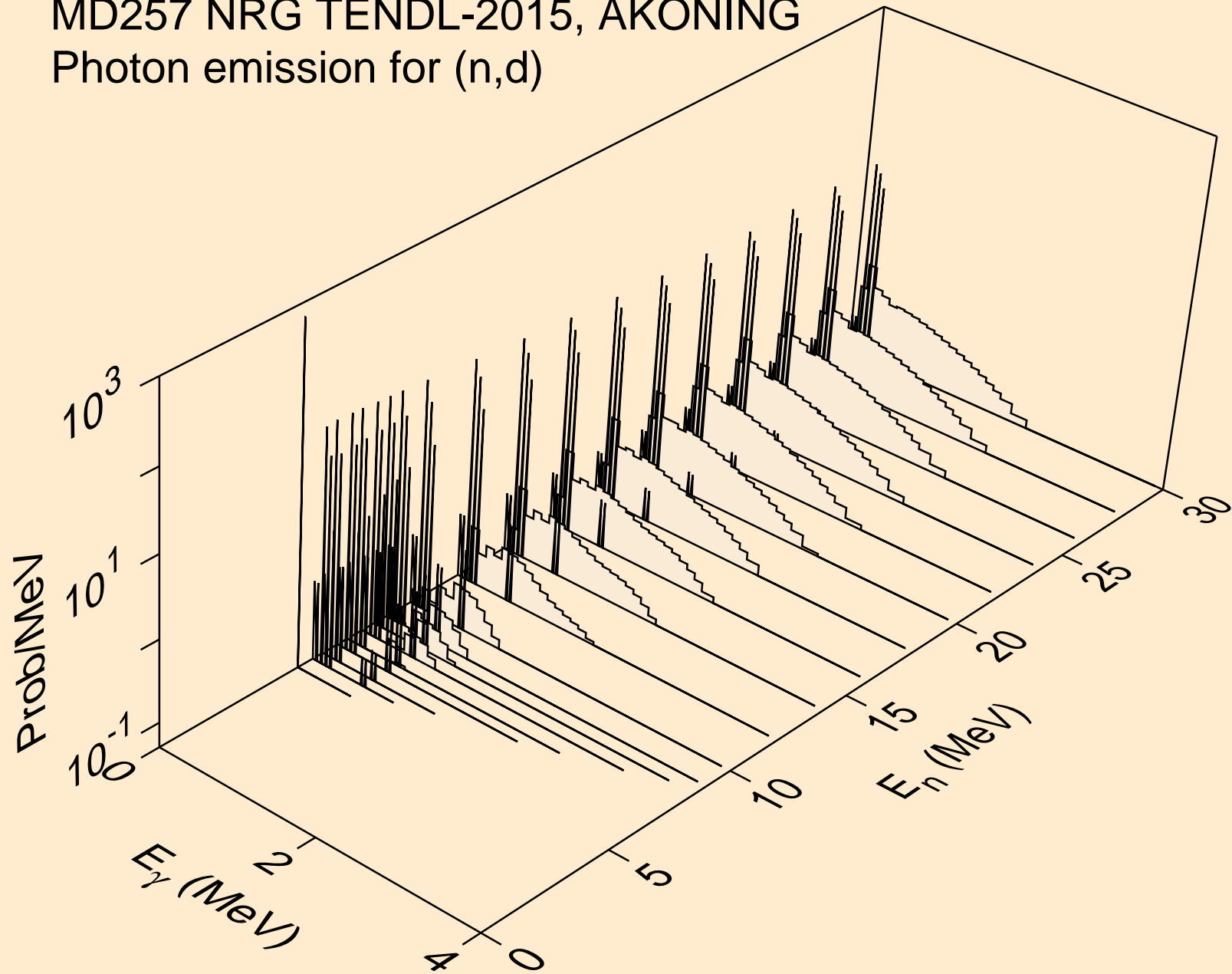
MD257 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



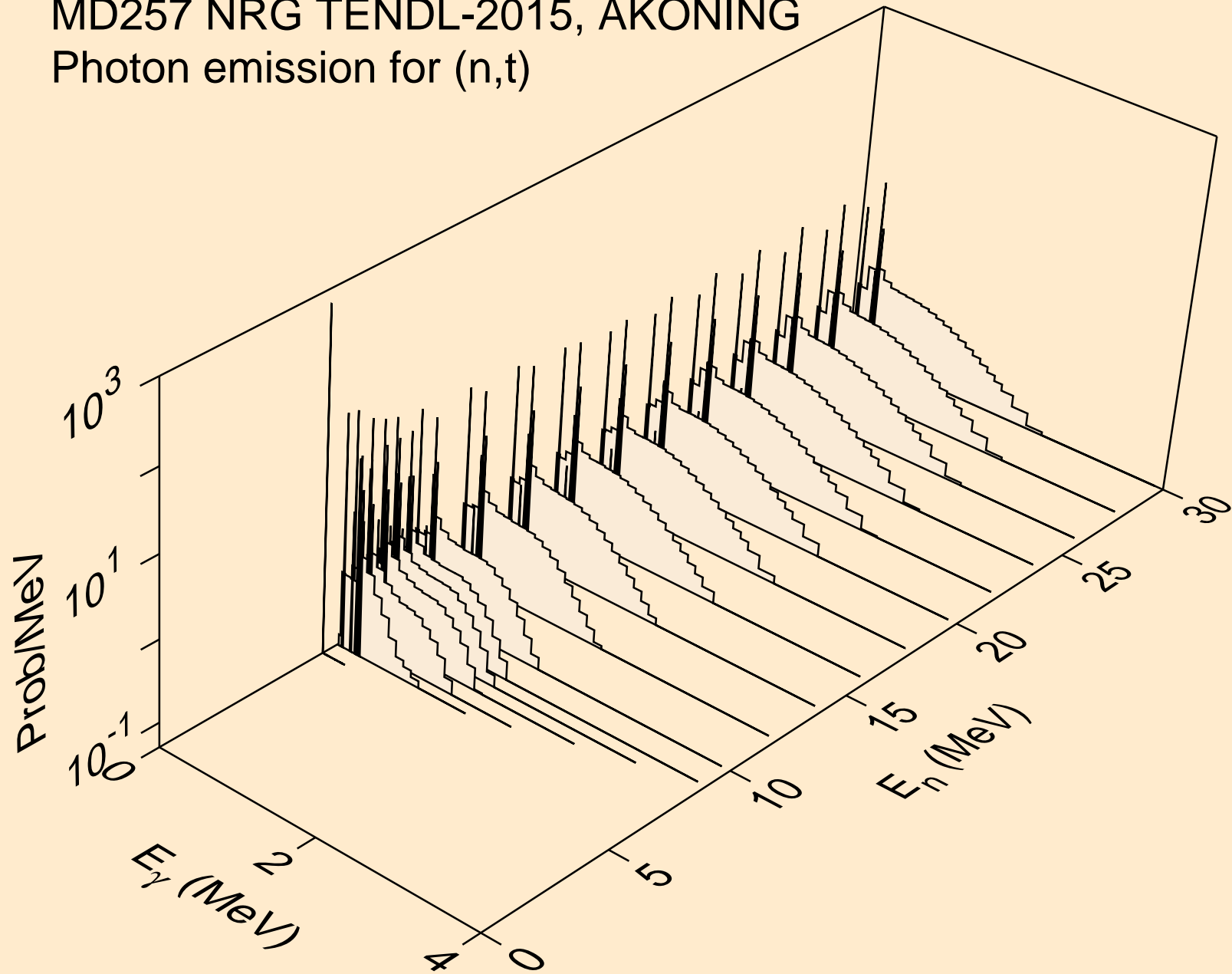
MD257 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



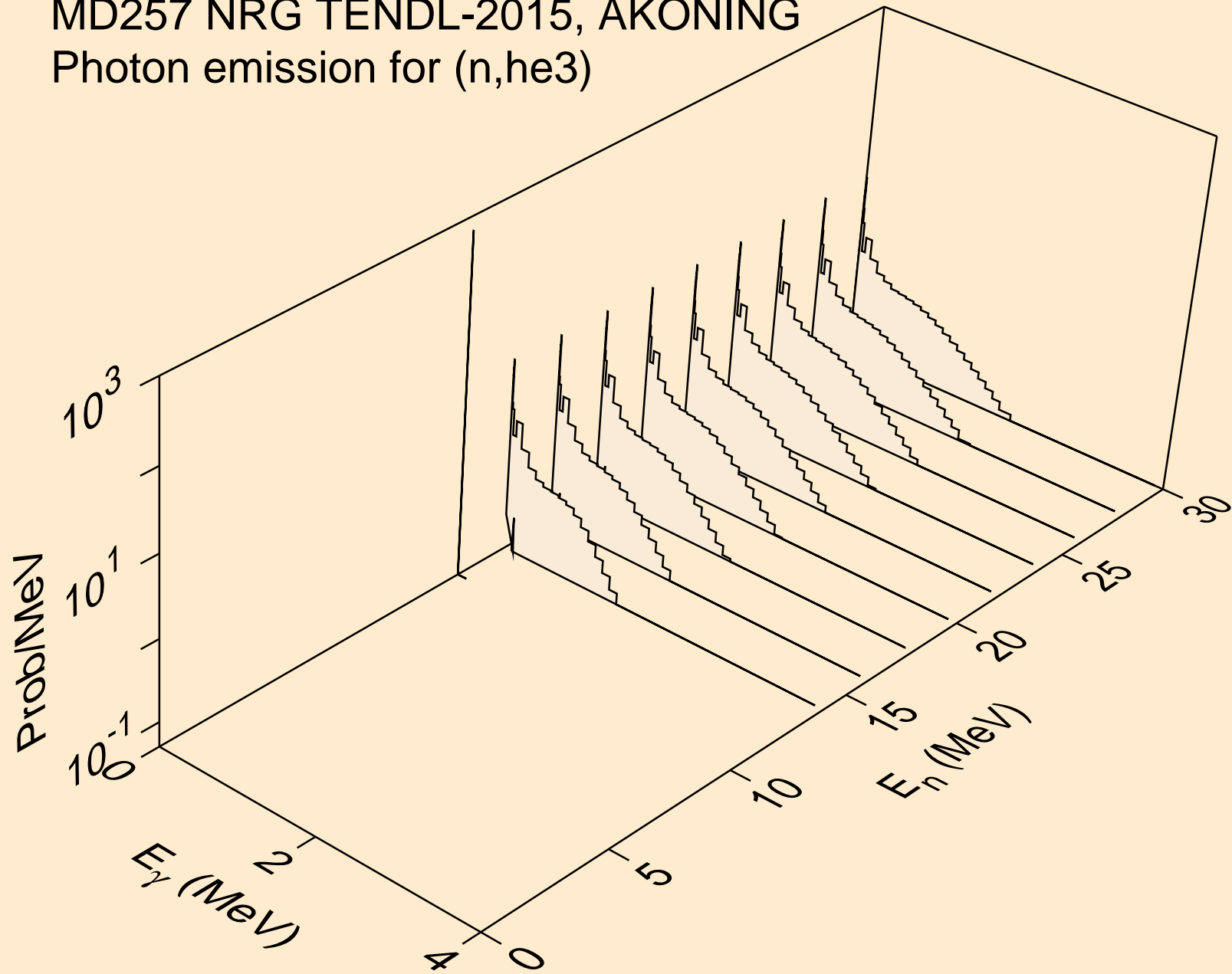
MD257 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



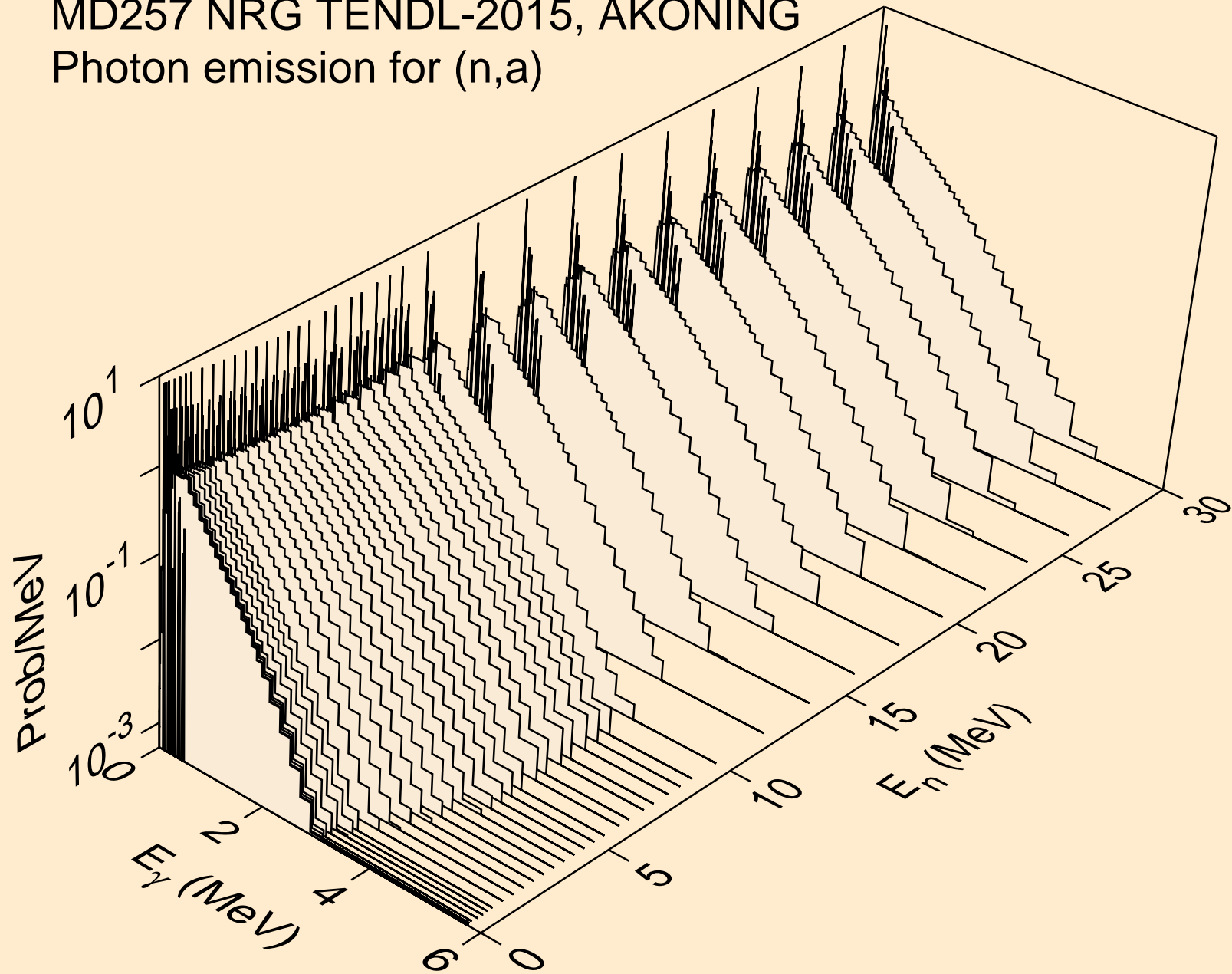
MD257 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



MD257 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)

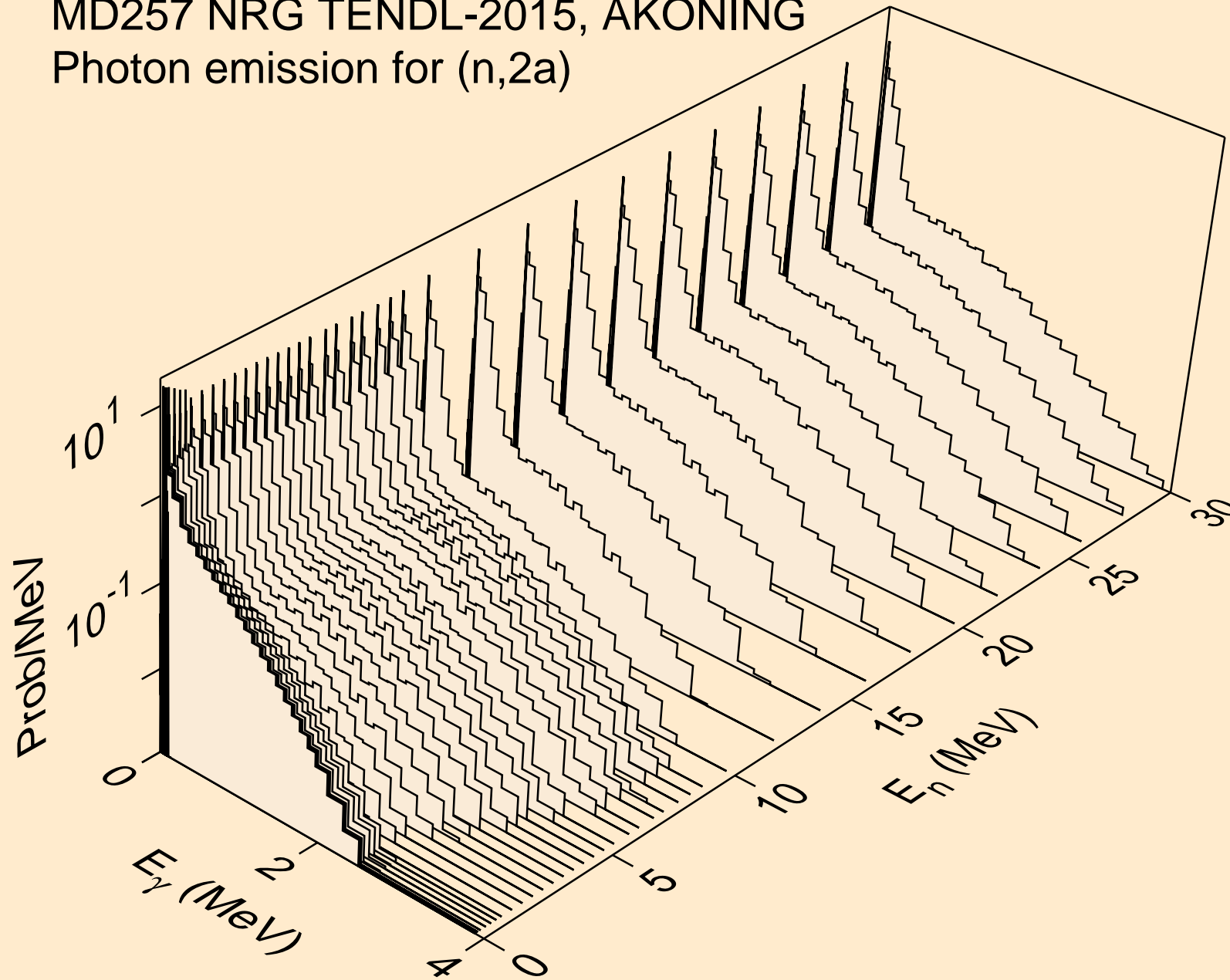


MD257 NRG TENDL-2015, AKONING  
Photon emission for (n,a)

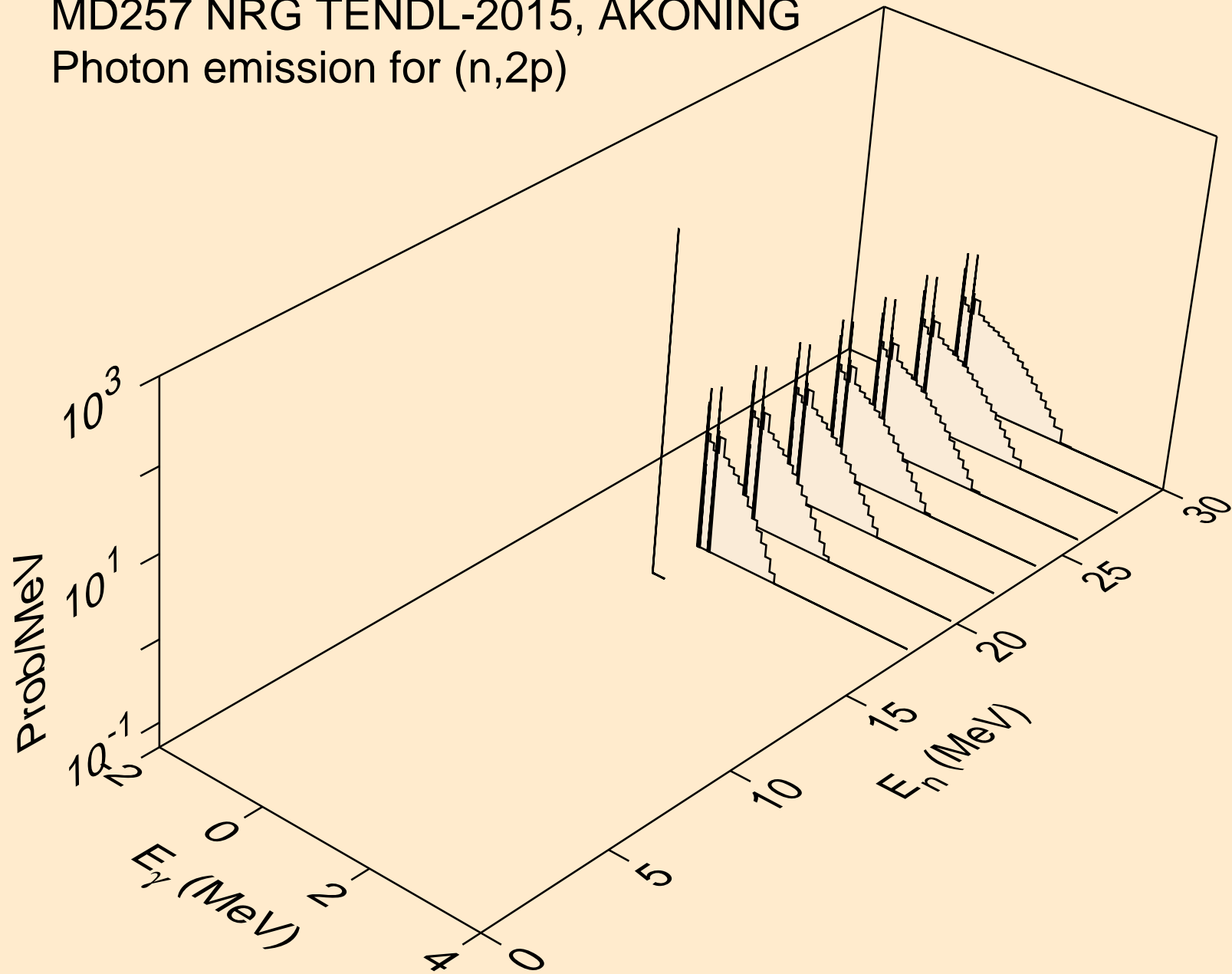




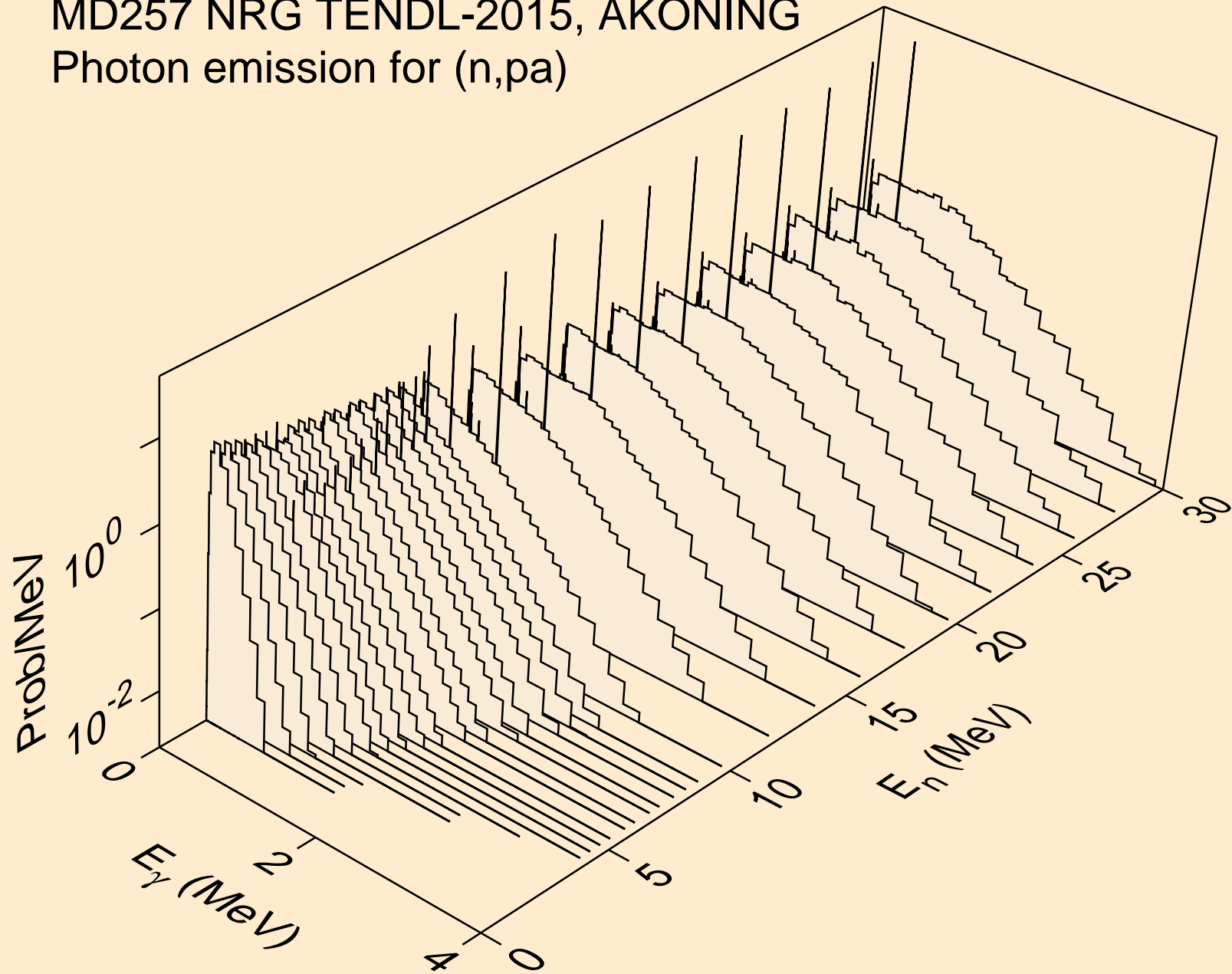
MD257 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



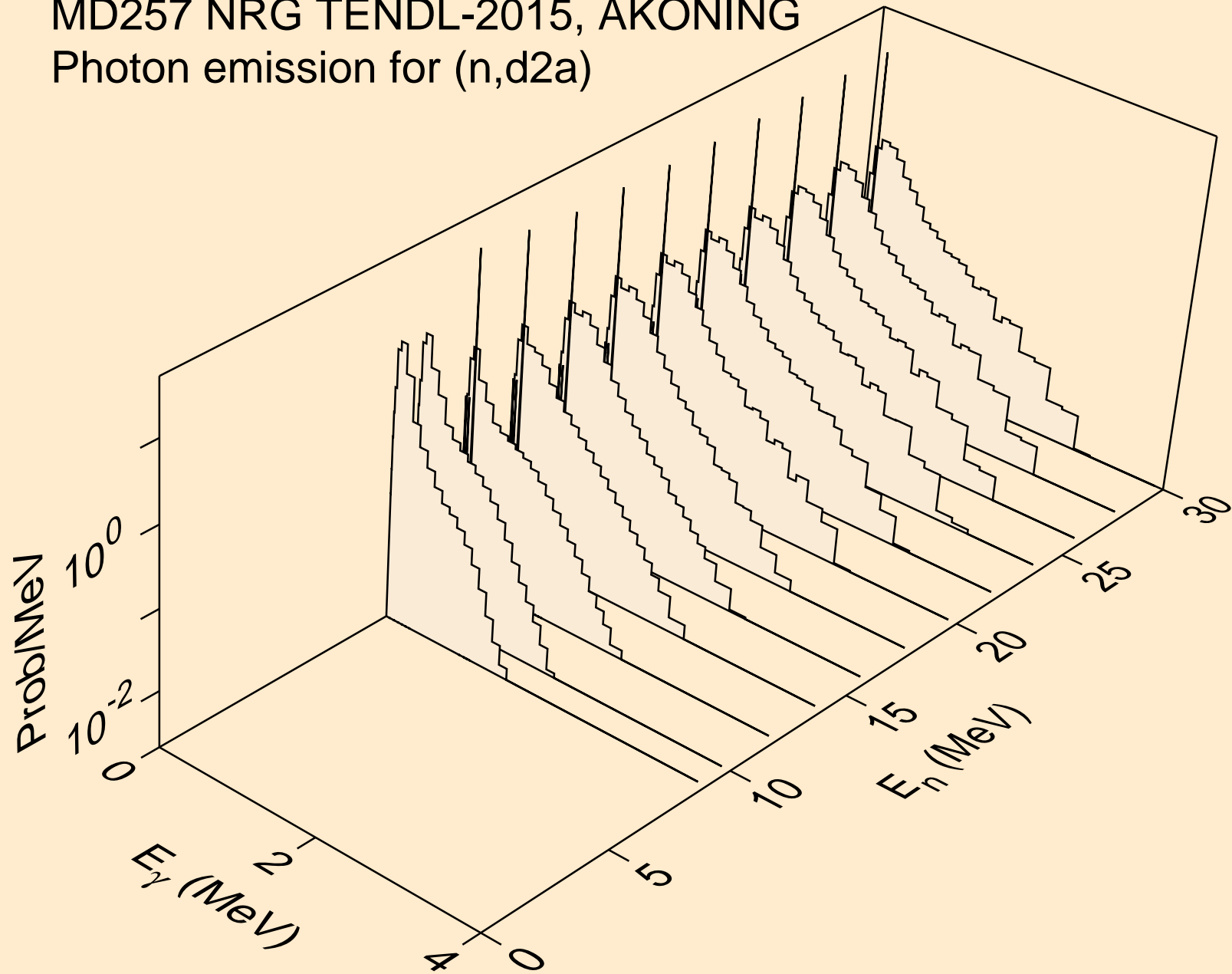
MD257 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



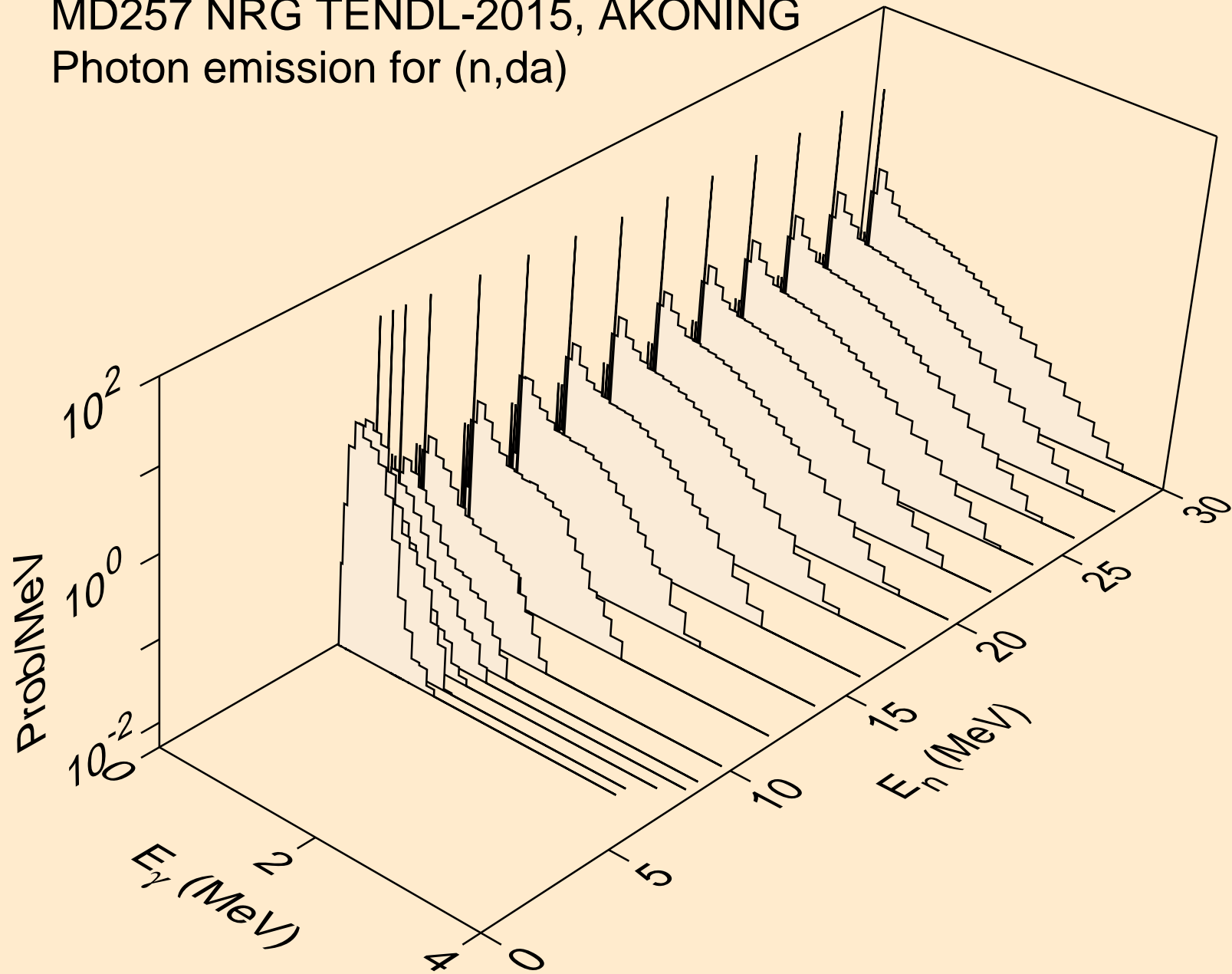
MD257 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



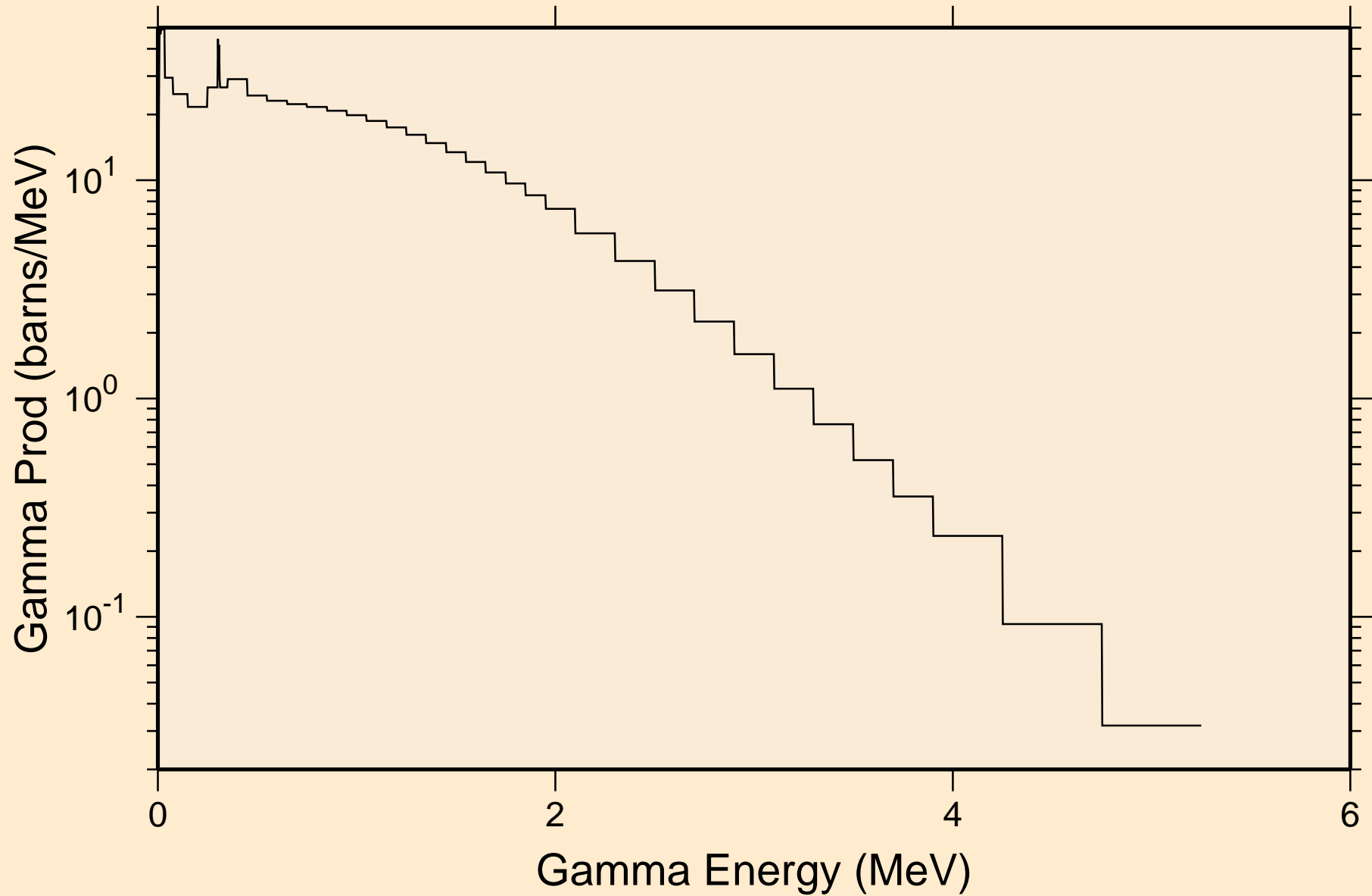
MD257 NRG TENDL-2015, AKONING  
Photon emission for (n,d2a)



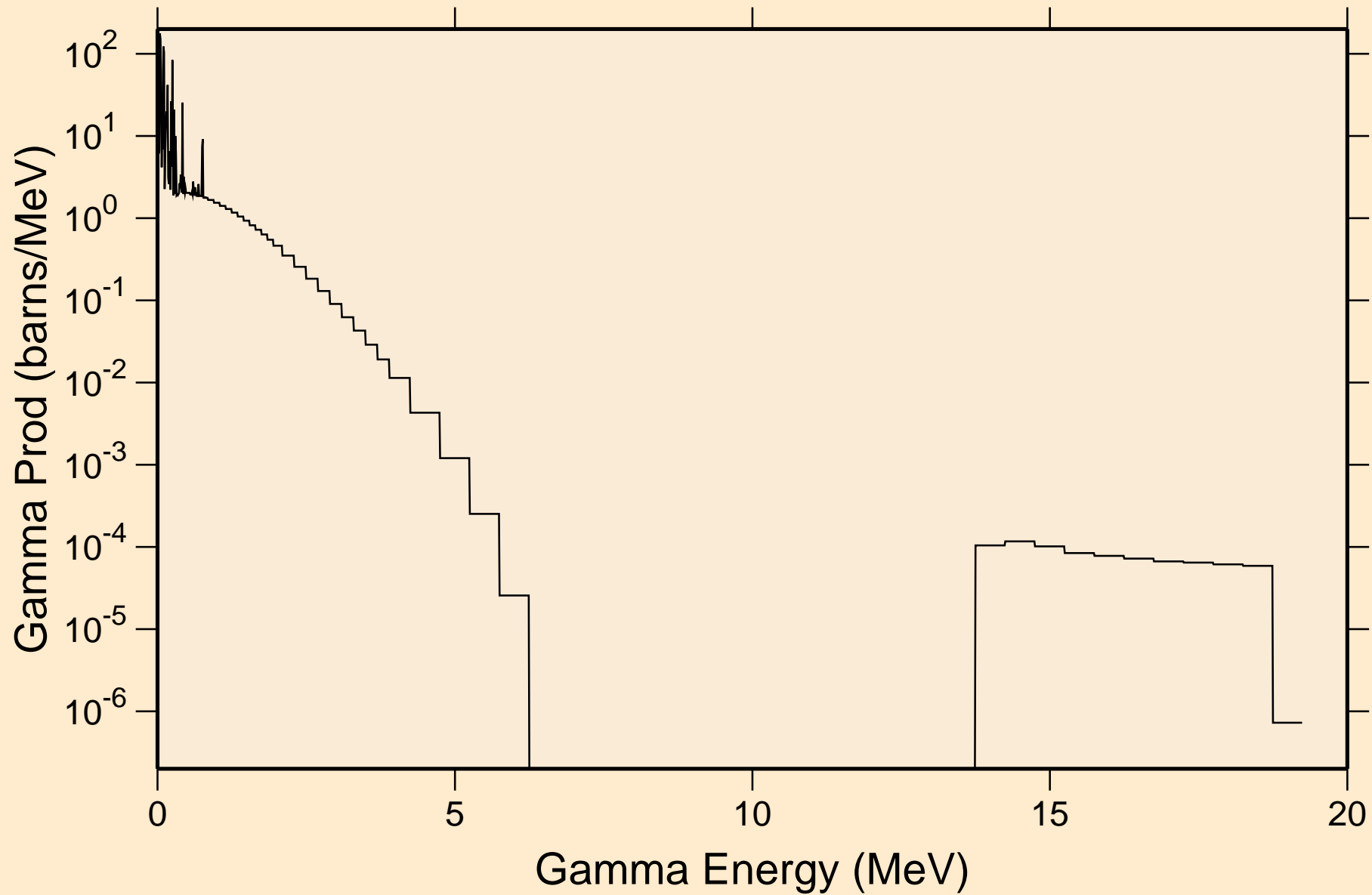
MD257 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



MD257 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

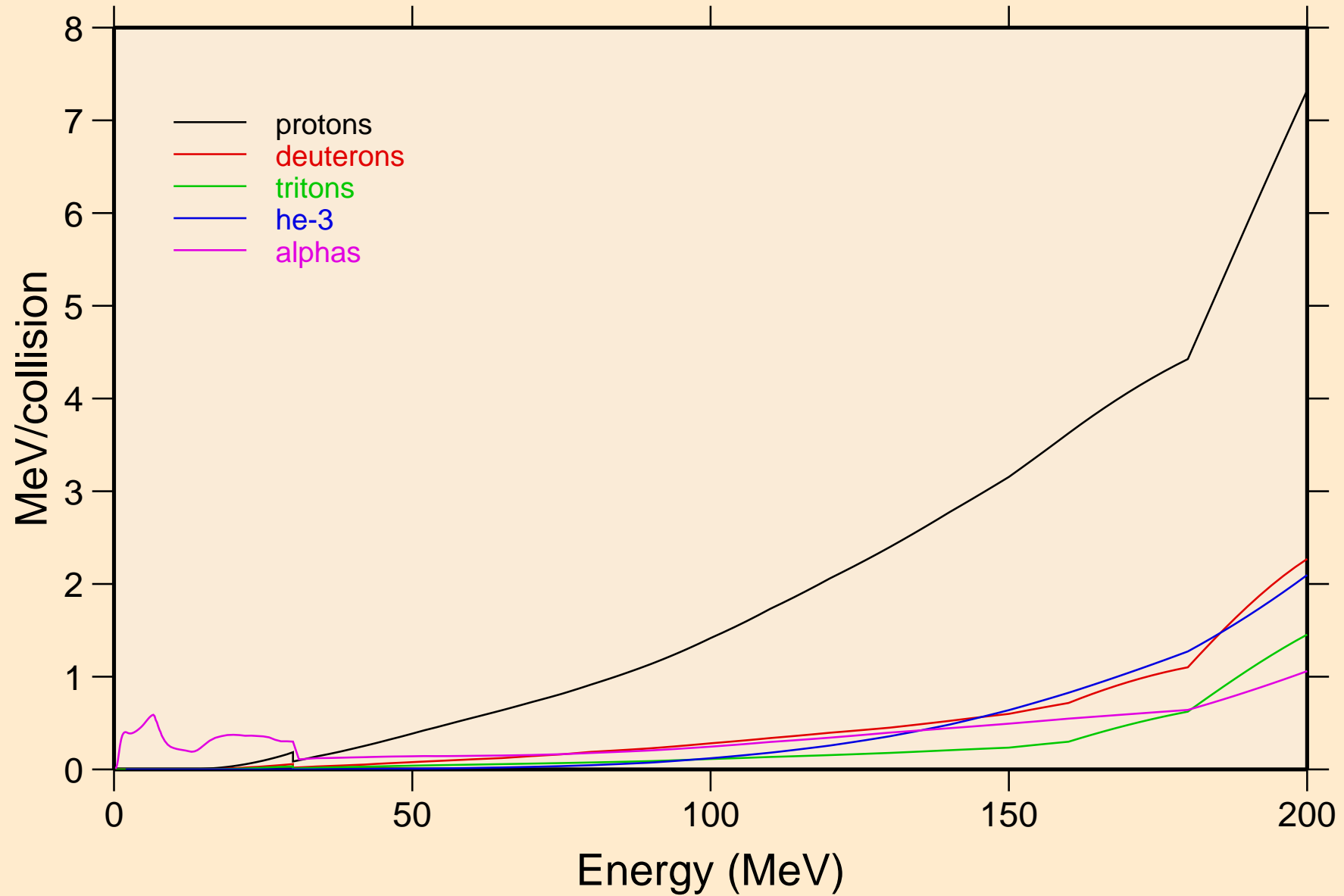


MD257 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



# MD257 NRG TENDL-2015, AKONING

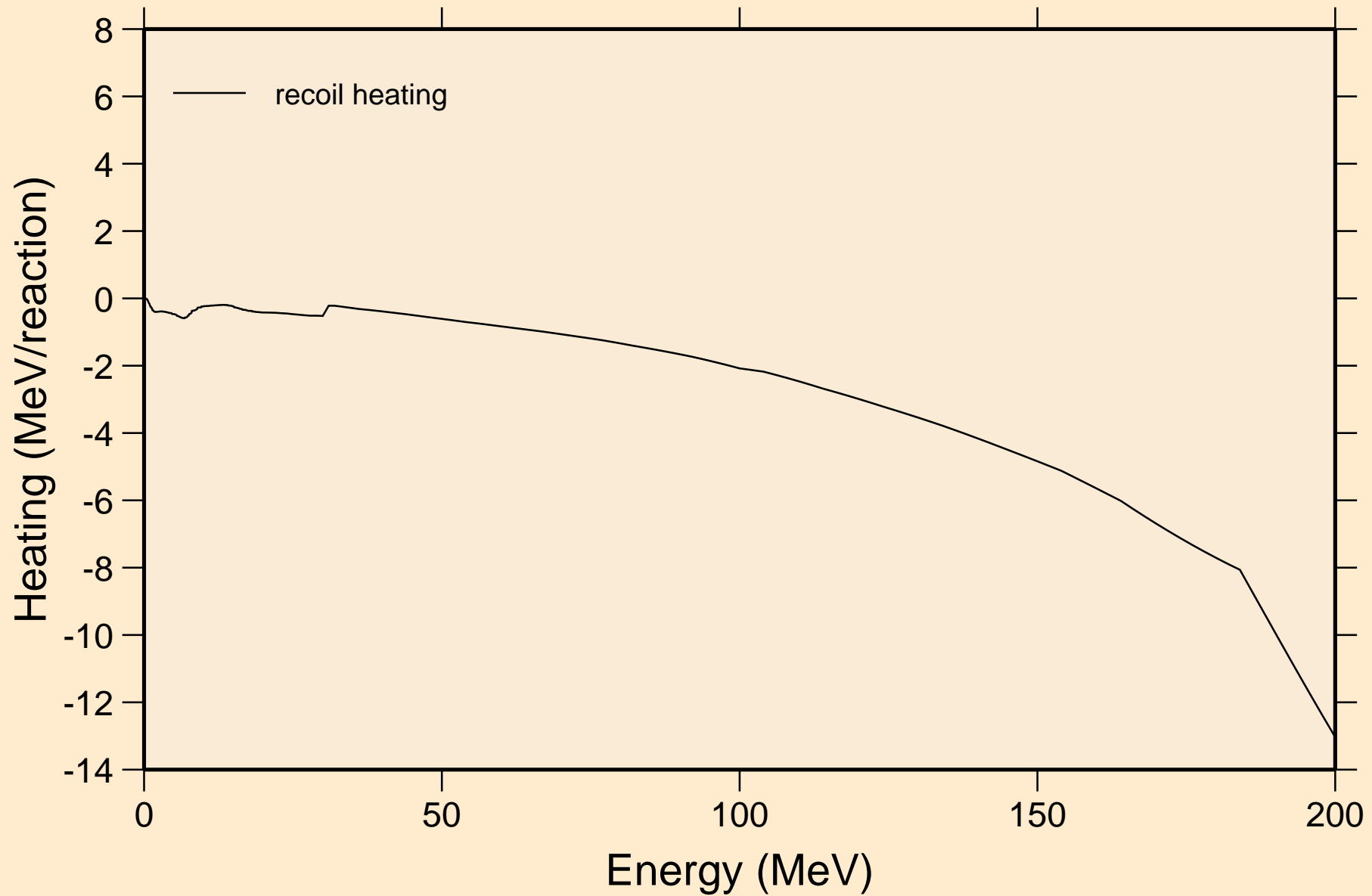
## Particle heating contributions





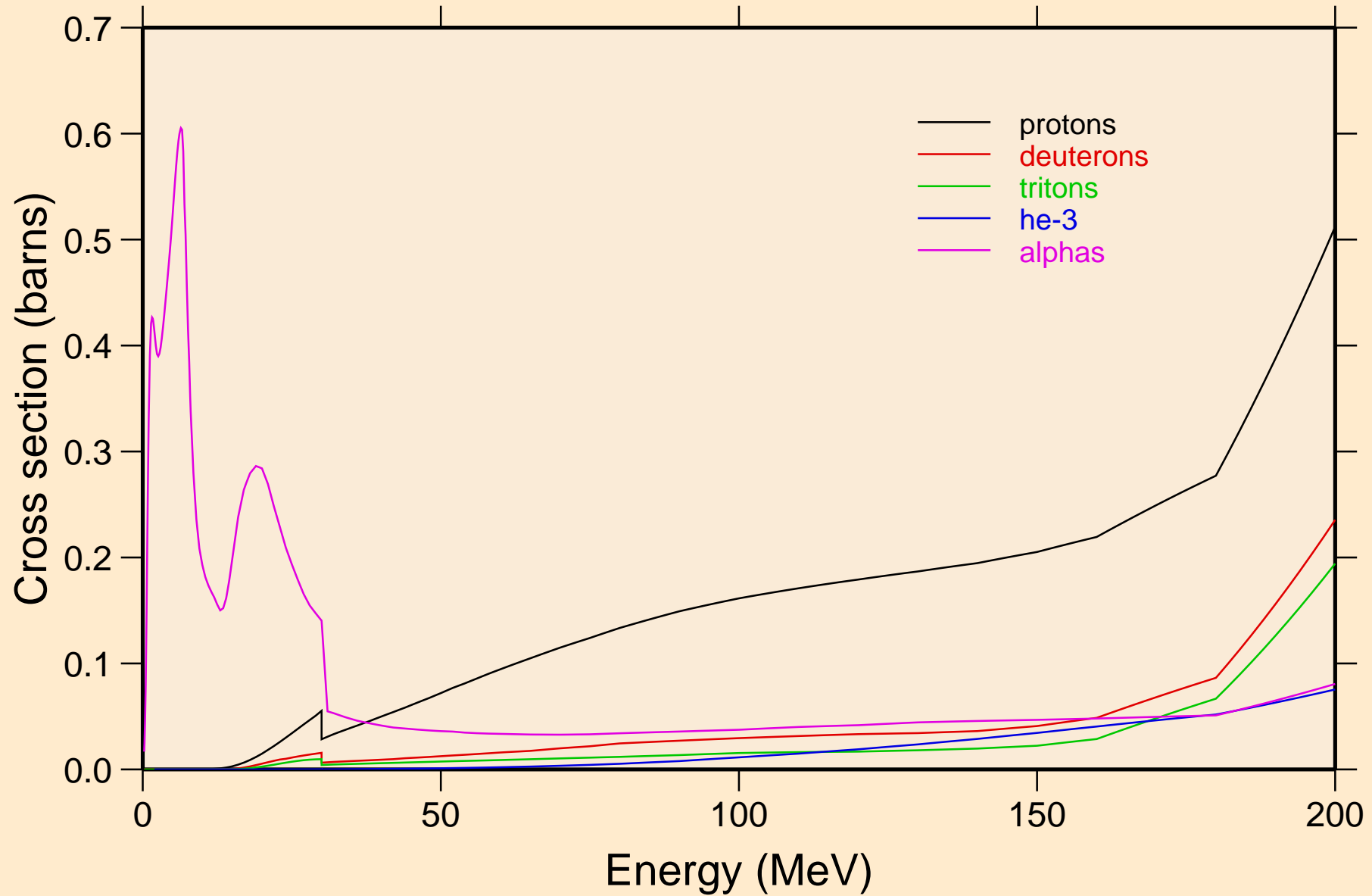
# MD257 NRG TENDL-2015, AKONING

## Recoil Heating

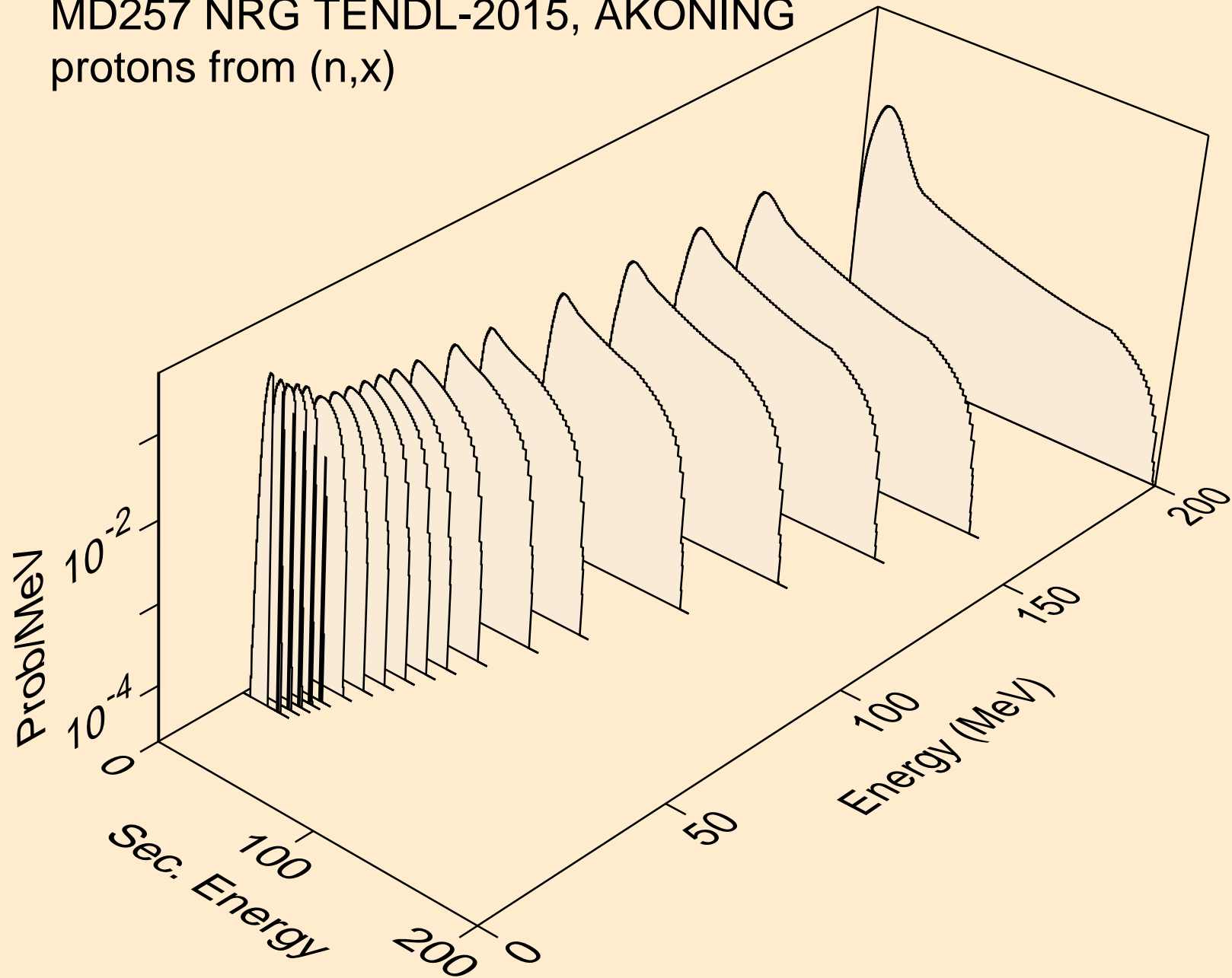


# MD257 NRG TENDL-2015, AKONING

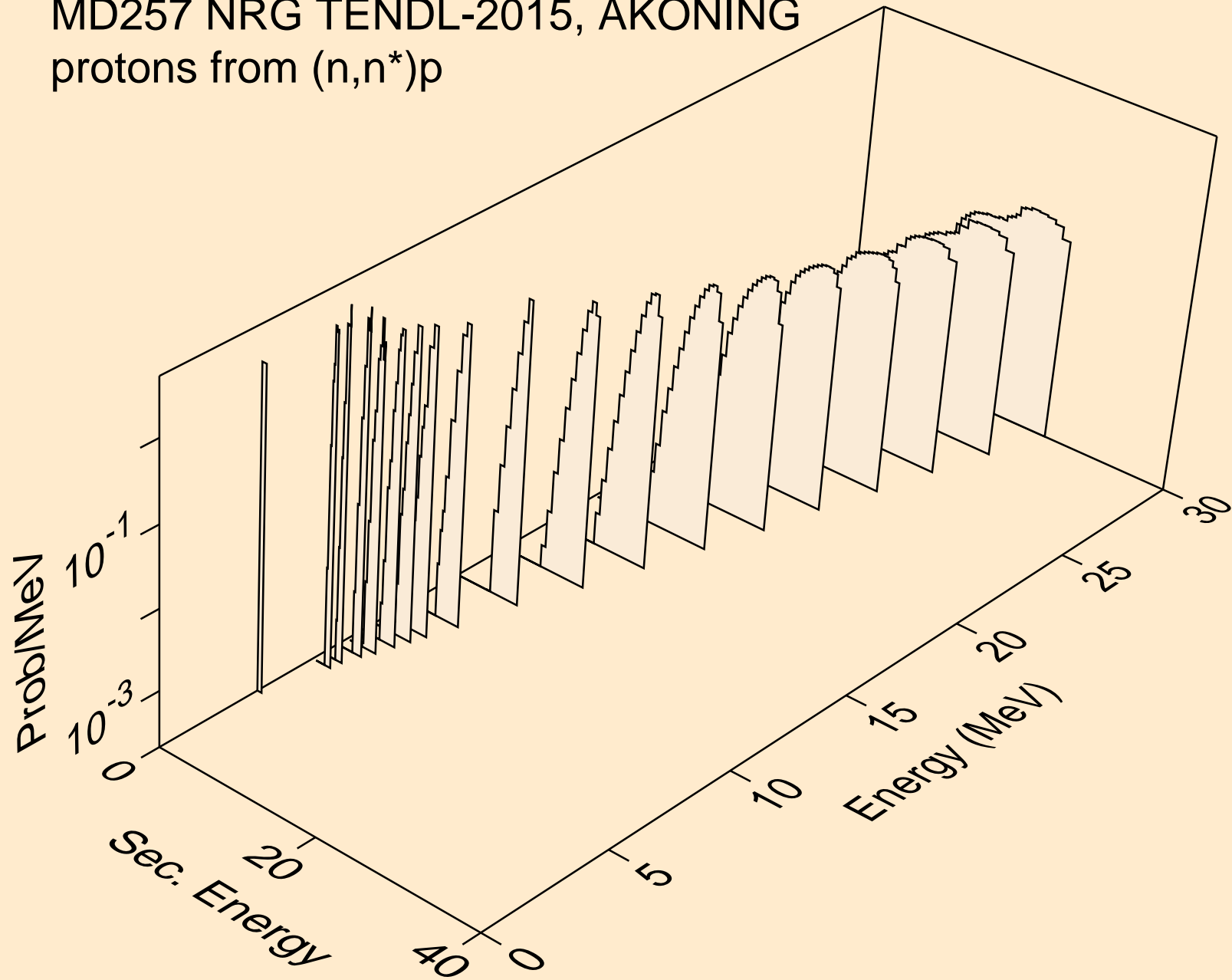
## Particle production cross sections



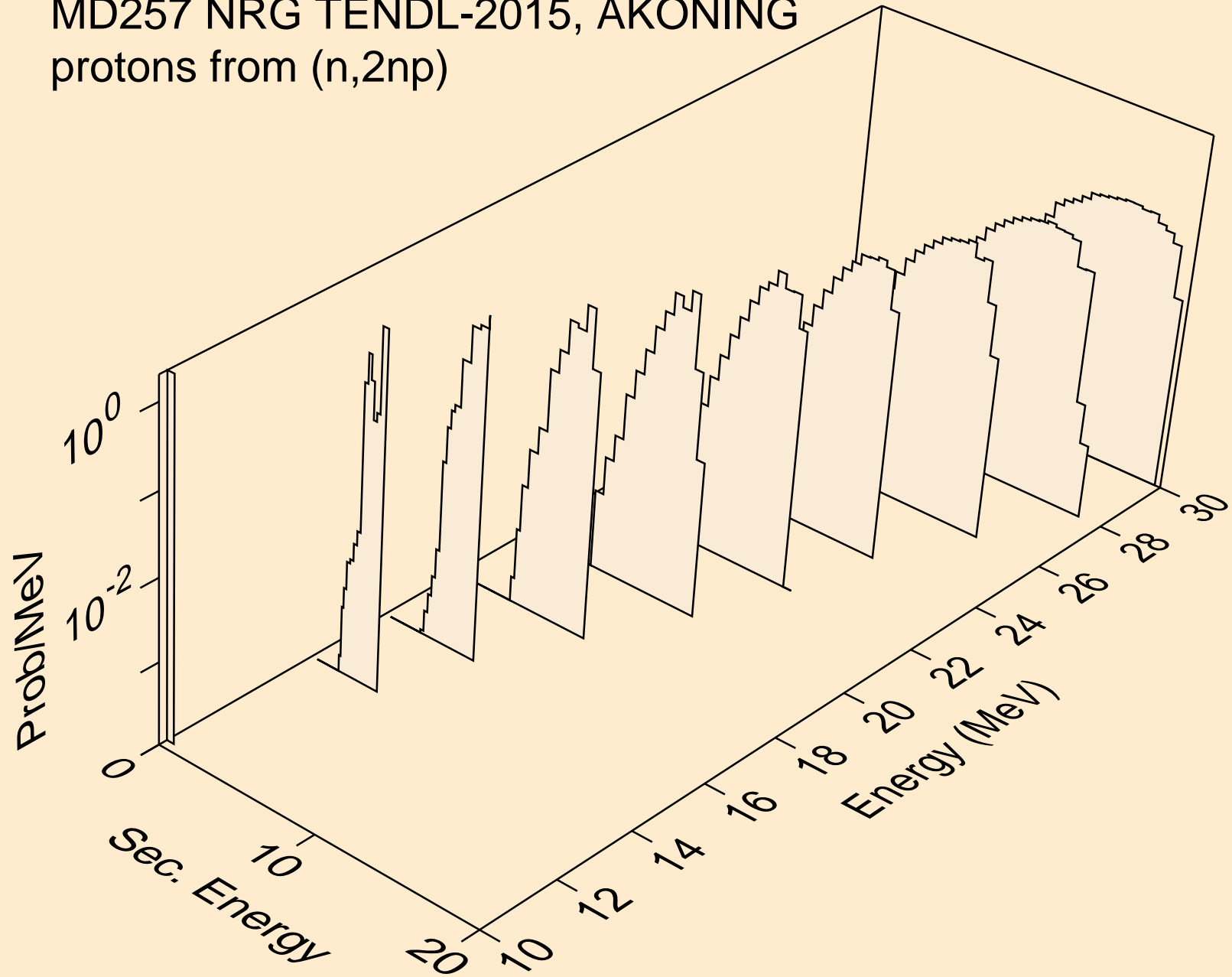
MD257 NRG TENDL-2015, AKONING  
protons from (n,x)



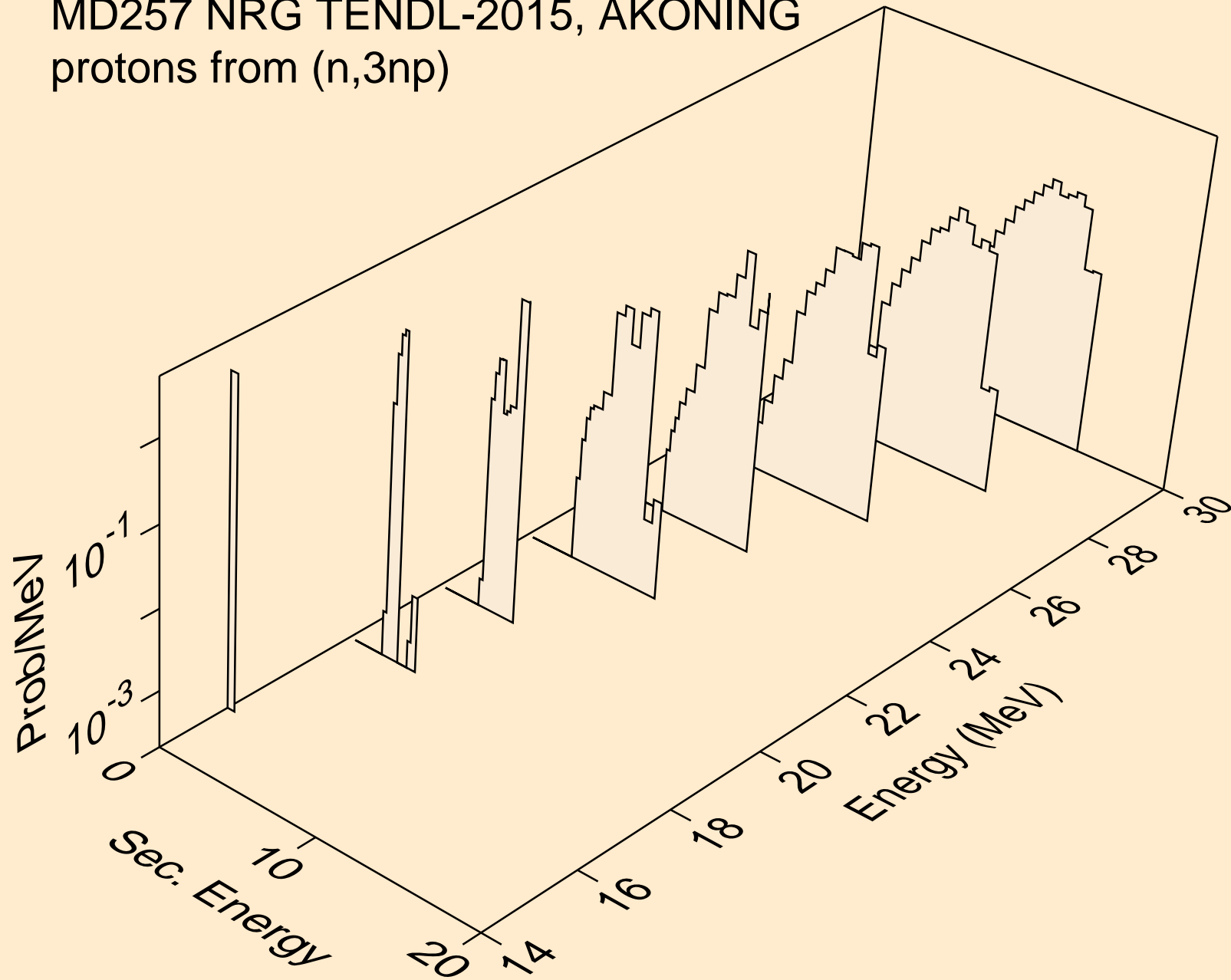
MD257 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



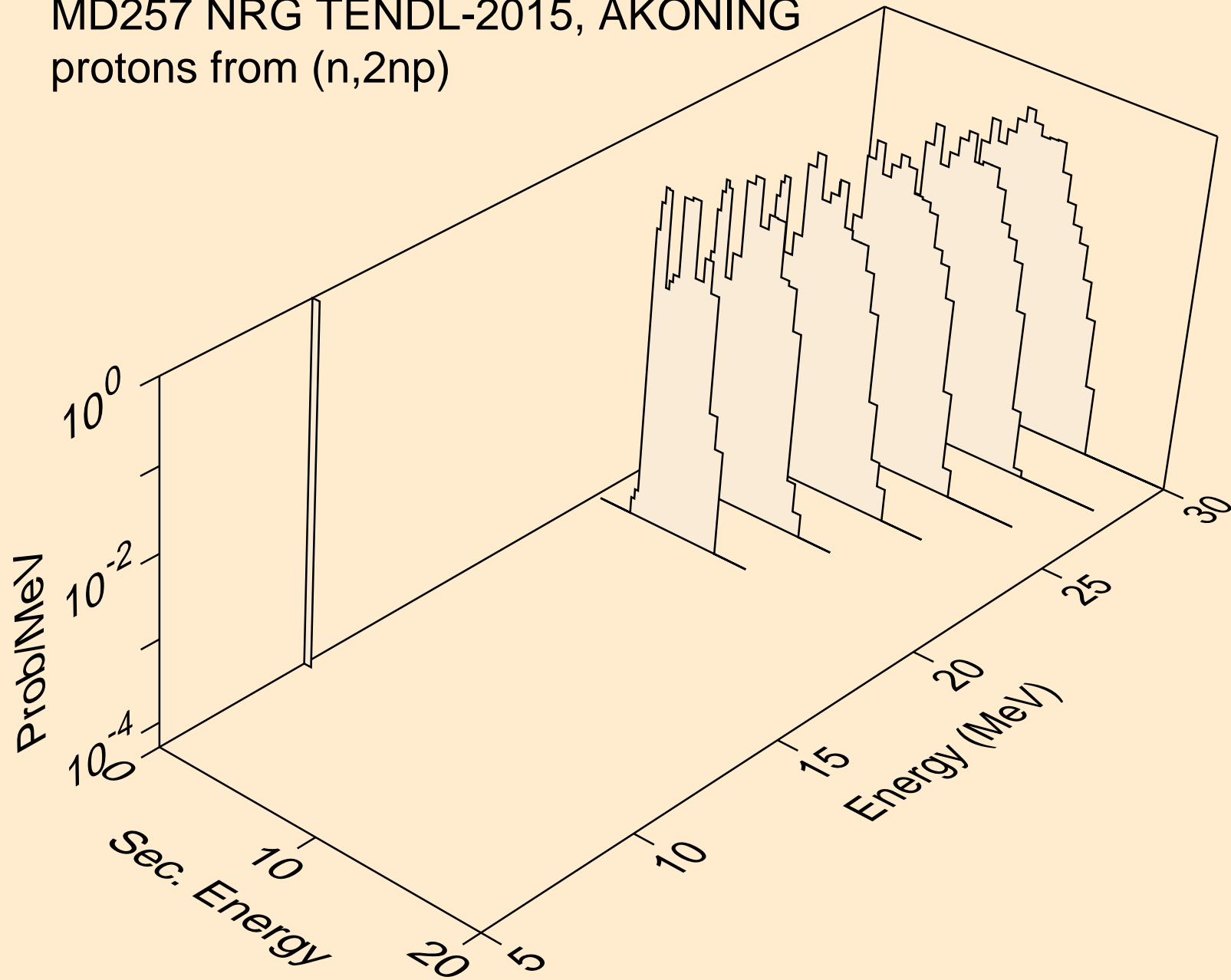
MD257 NRG TENDL-2015, AKONING  
protons from (n,2np)



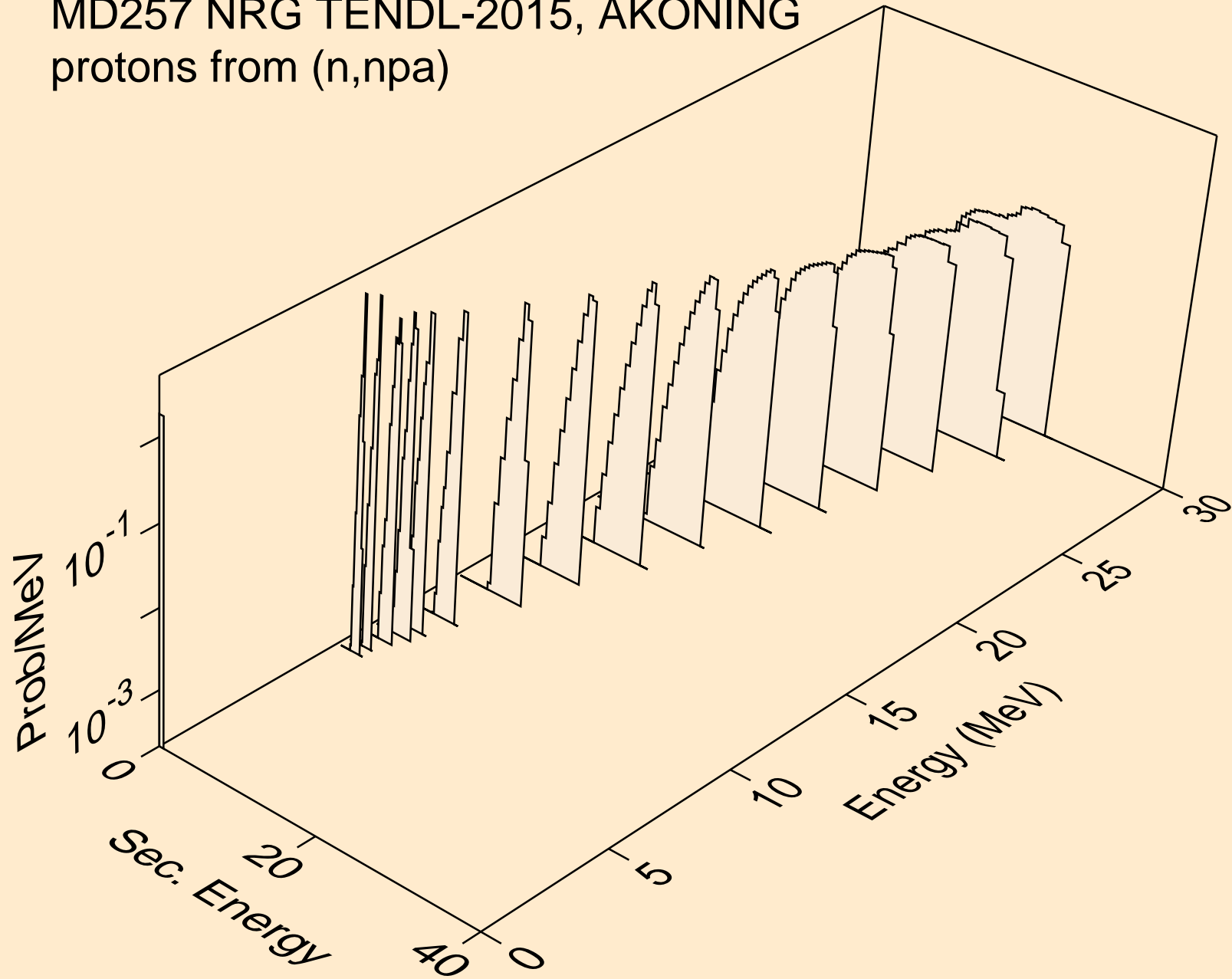
MD257 NRG TENDL-2015, AKONING  
protons from (n,3np)



MD257 NRG TENDL-2015, AKONING  
protons from (n,2np)

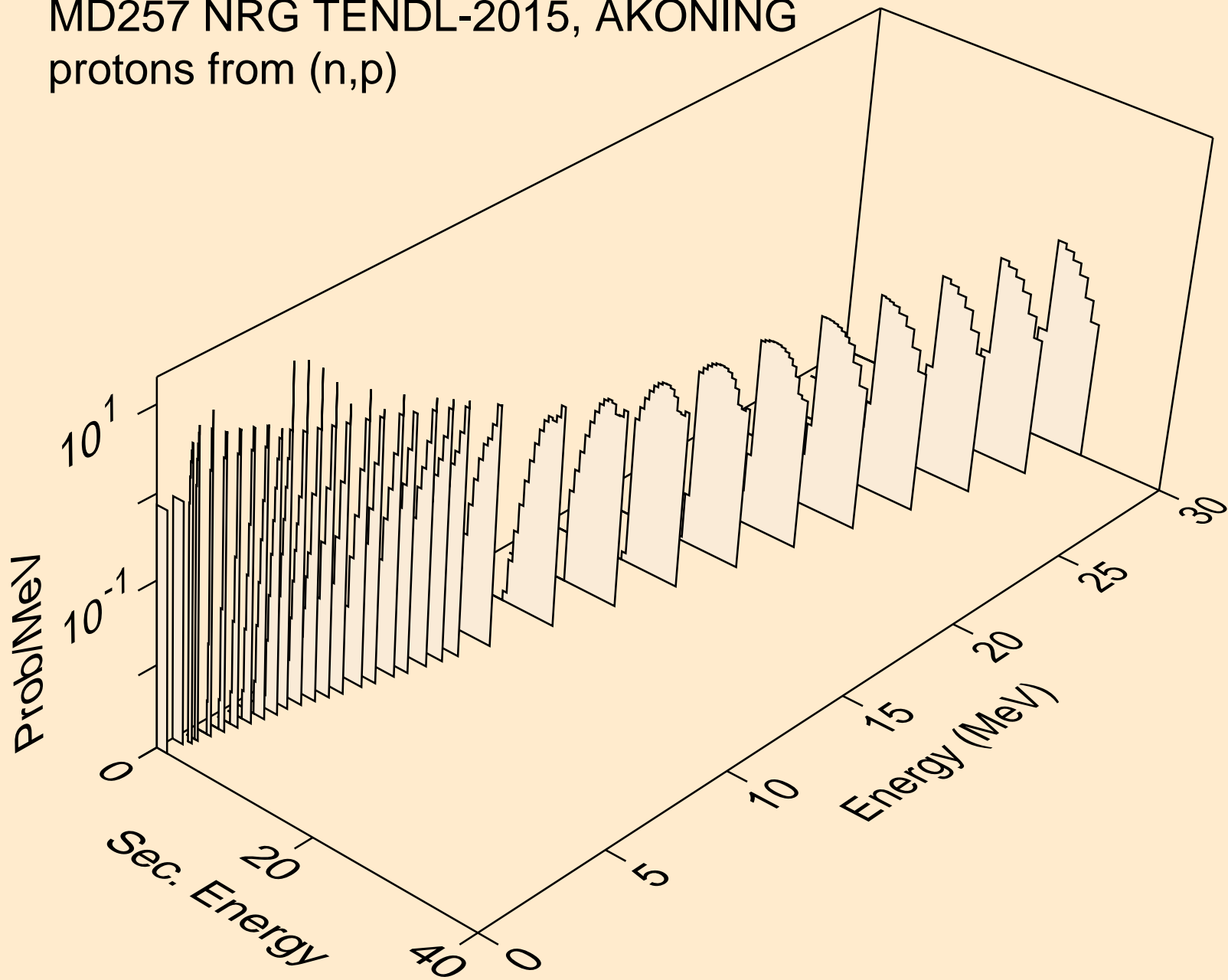


MD257 NRG TENDL-2015, AKONING  
protons from (n,npa)

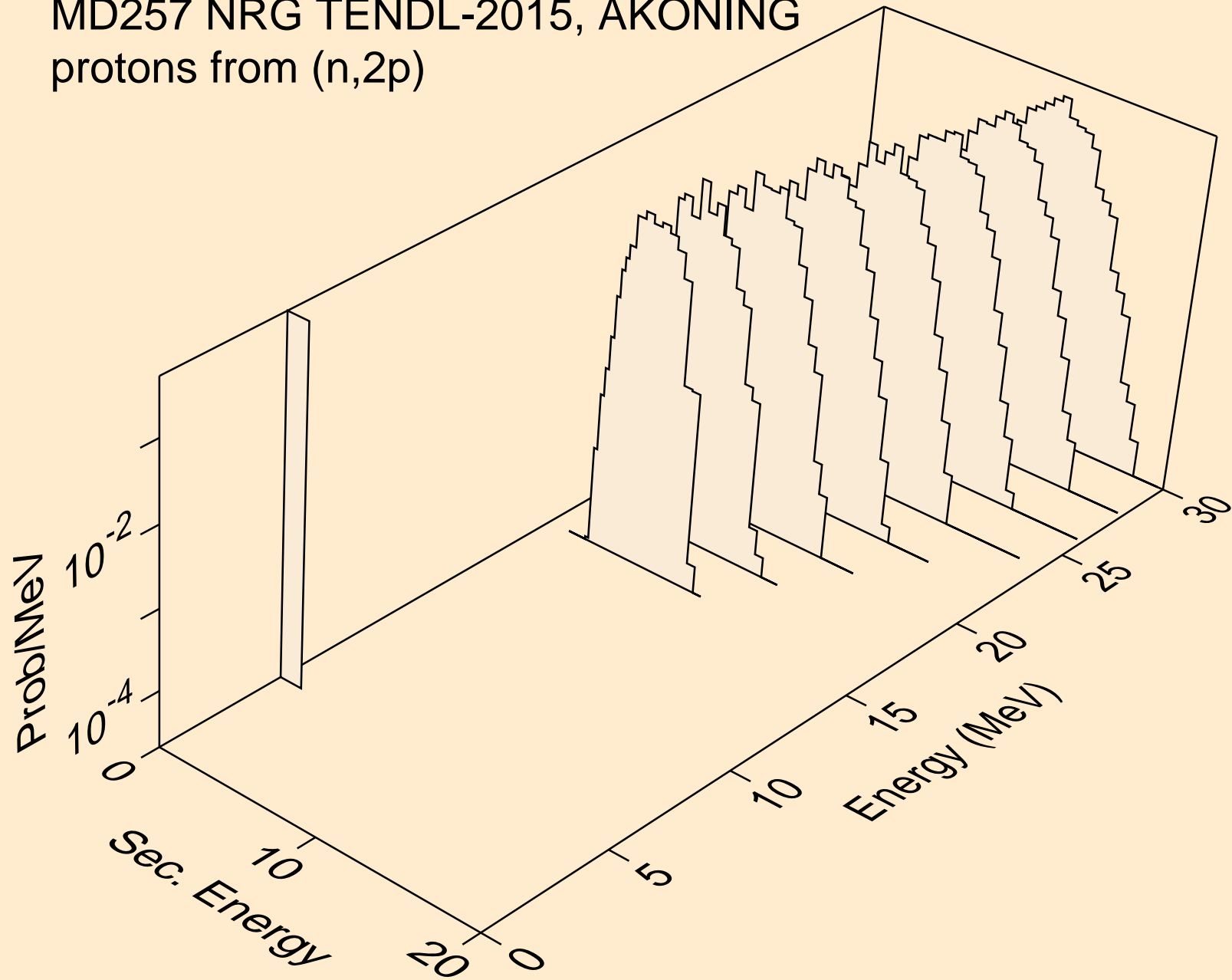




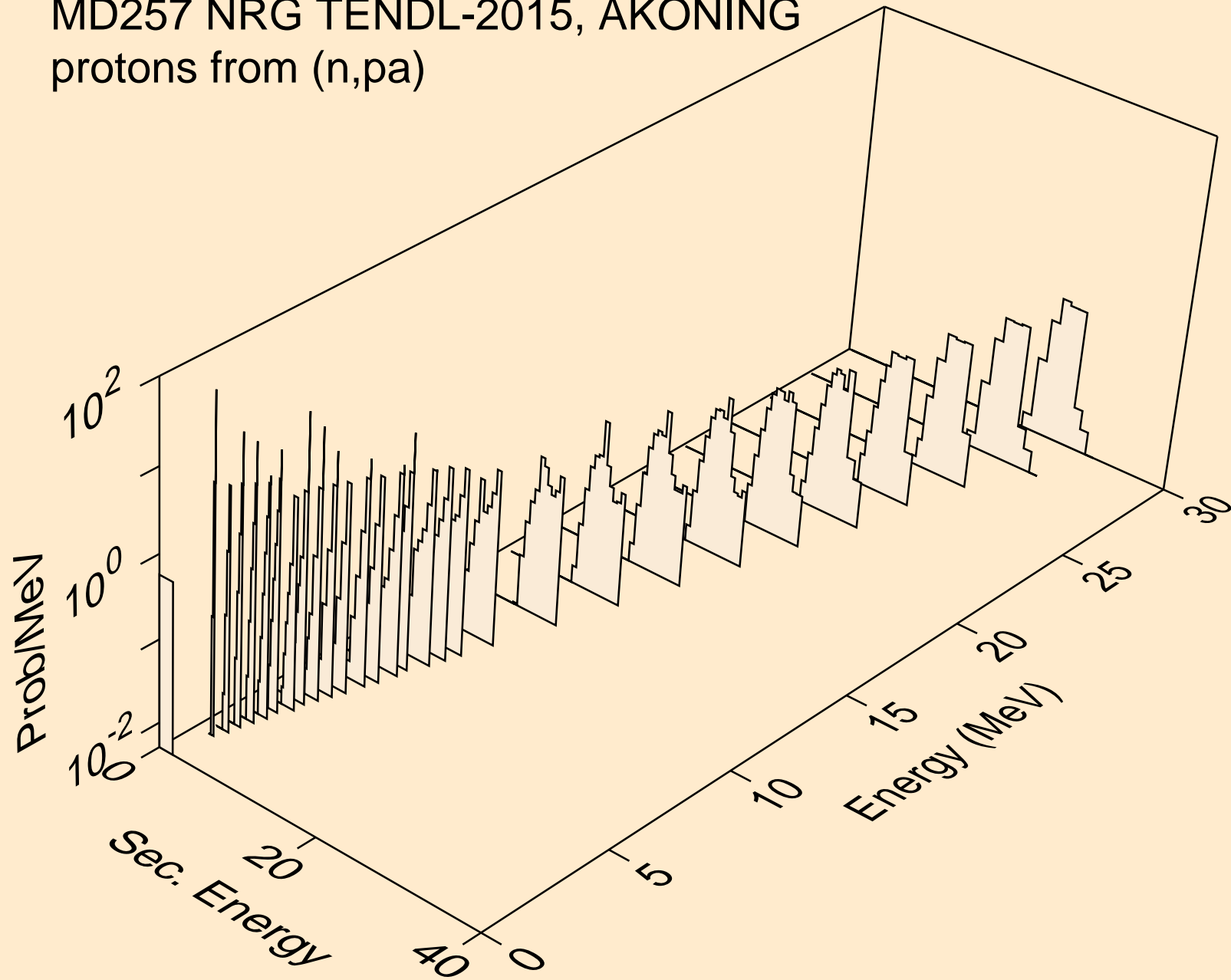
MD257 NRG TENDL-2015, AKONING  
protons from (n,p)



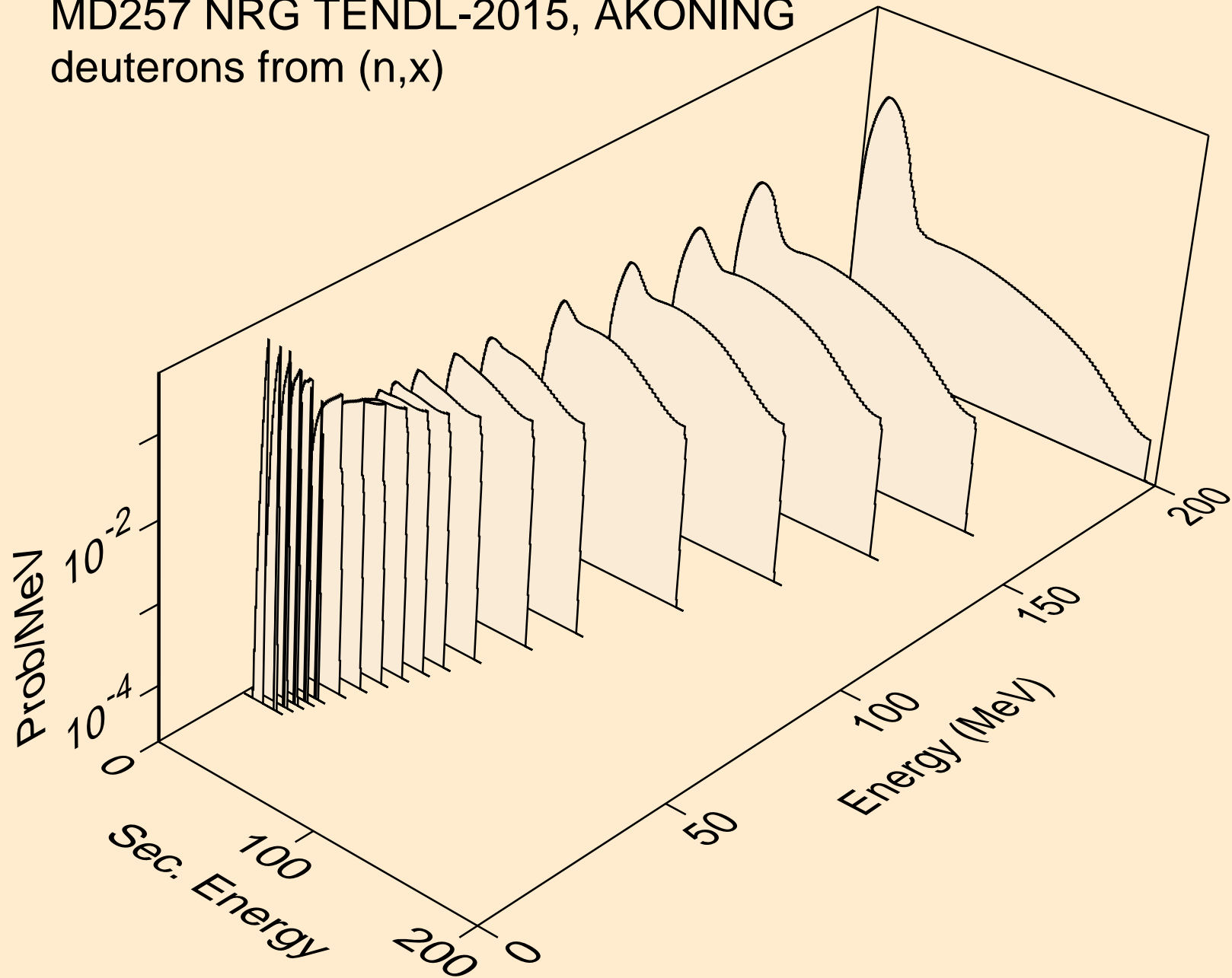
MD257 NRG TENDL-2015, AKONING  
protons from (n,2p)



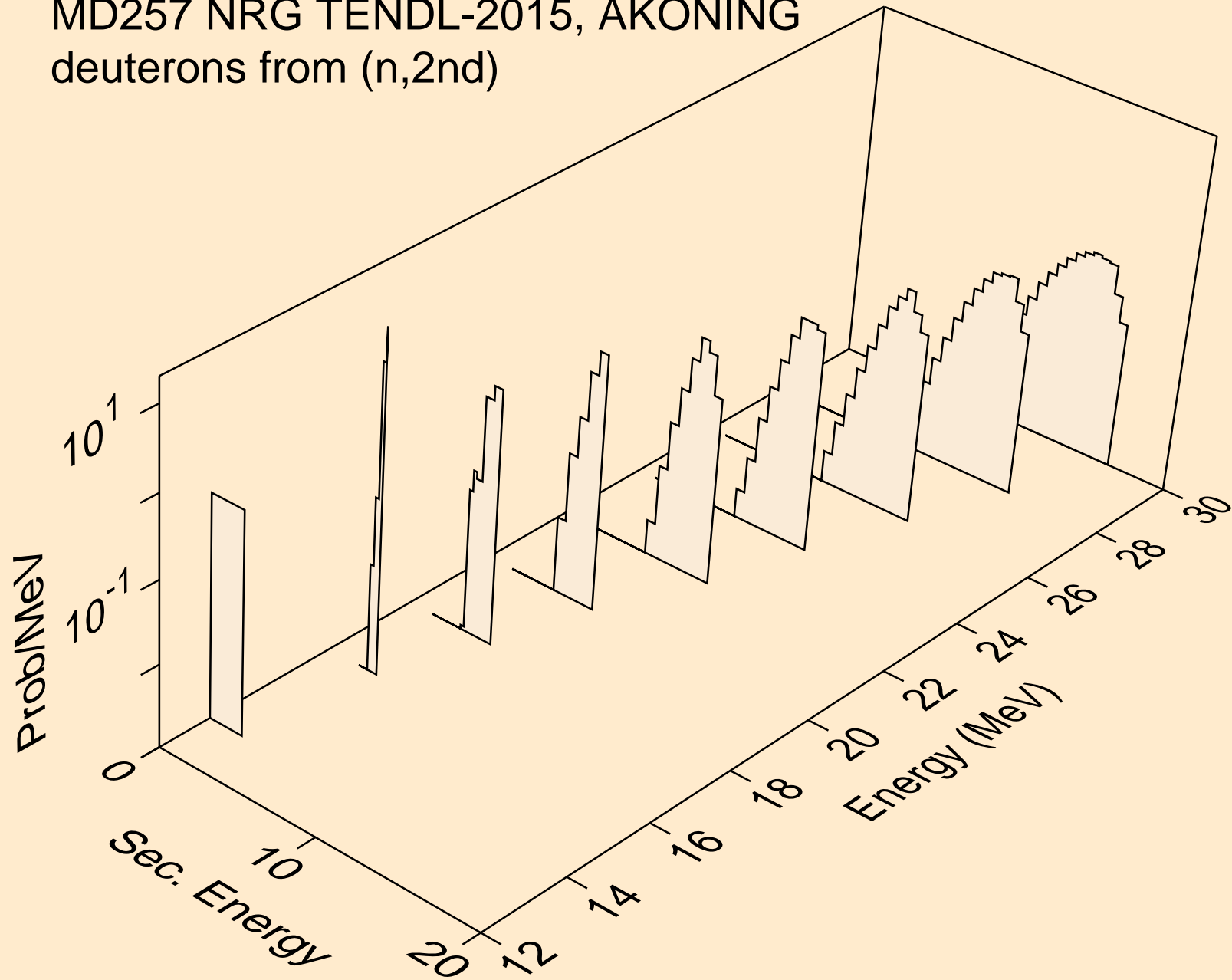
MD257 NRG TENDL-2015, AKONING  
protons from (n,pa)



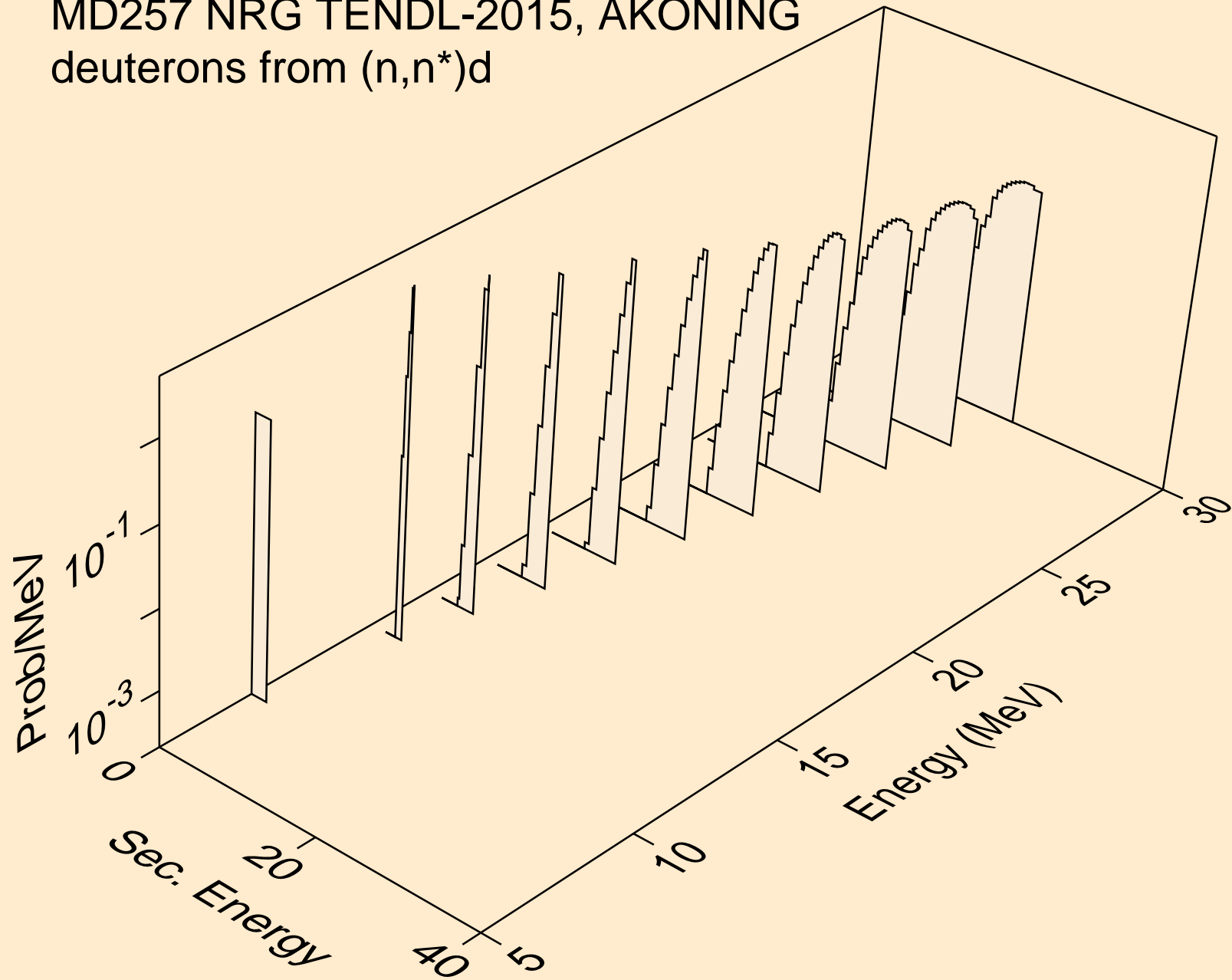
MD257 NRG TENDL-2015, AKONING  
deuterons from (n,x)



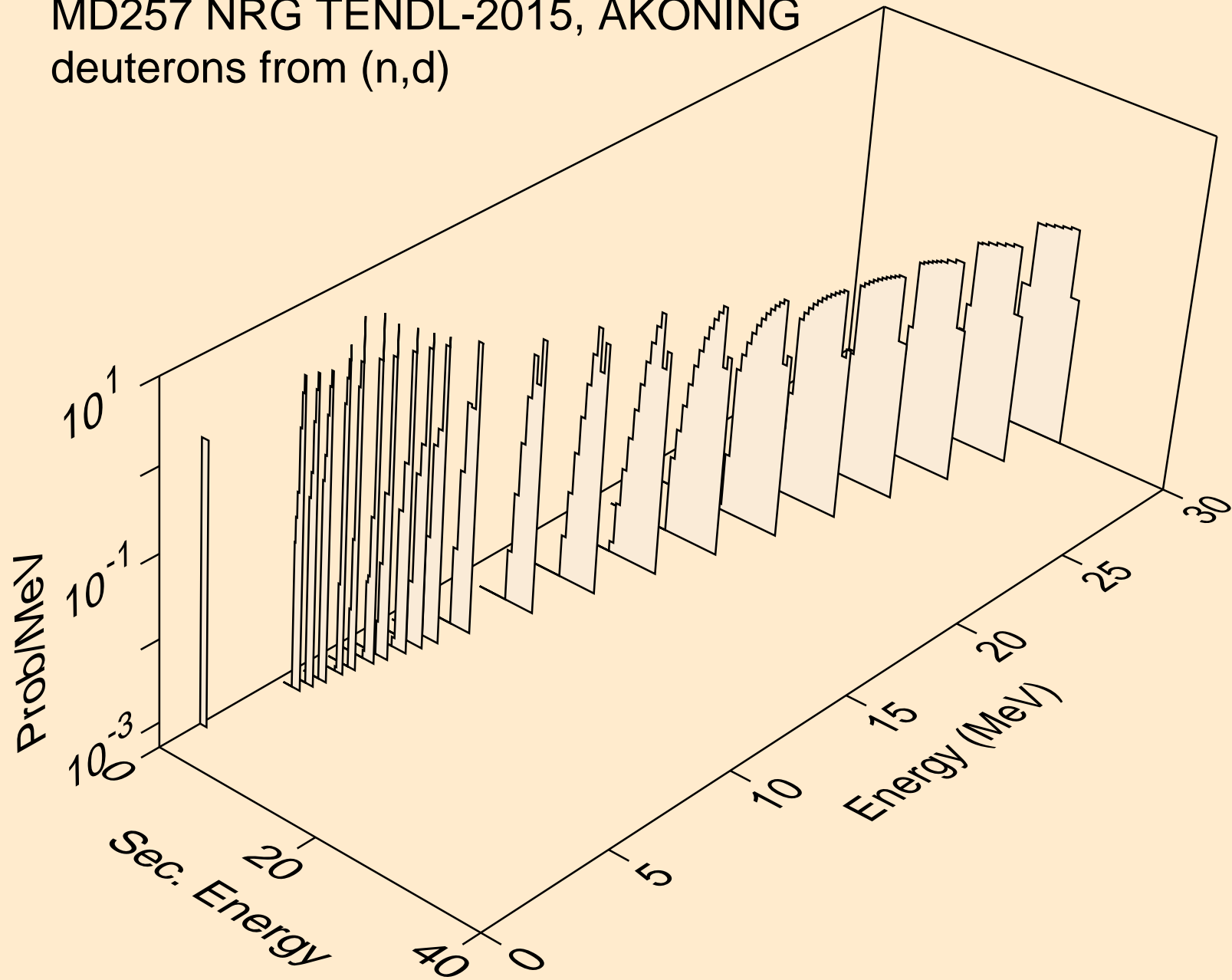
MD257 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



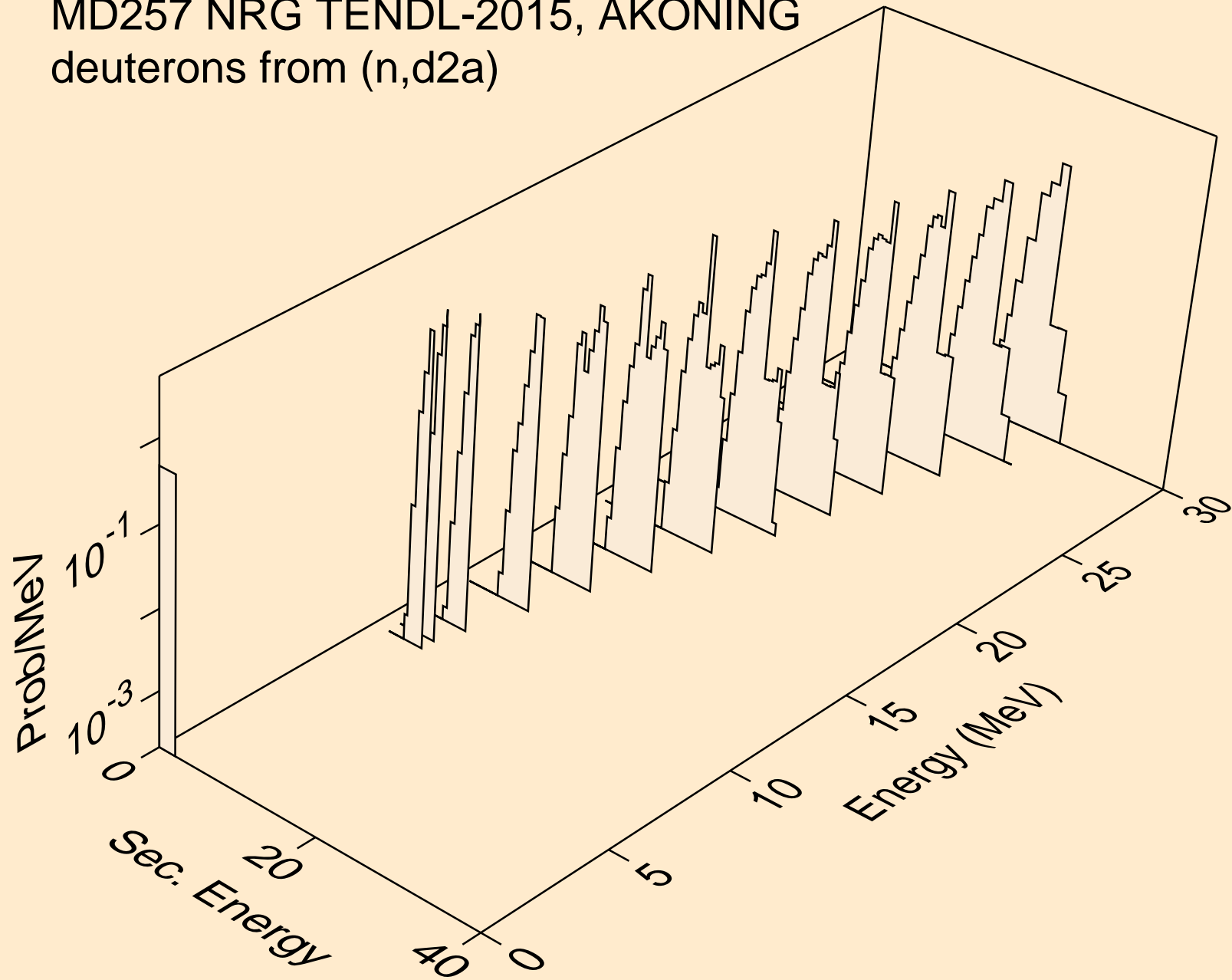
MD257 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



MD257 NRG TENDL-2015, AKONING  
deuterons from (n,d)

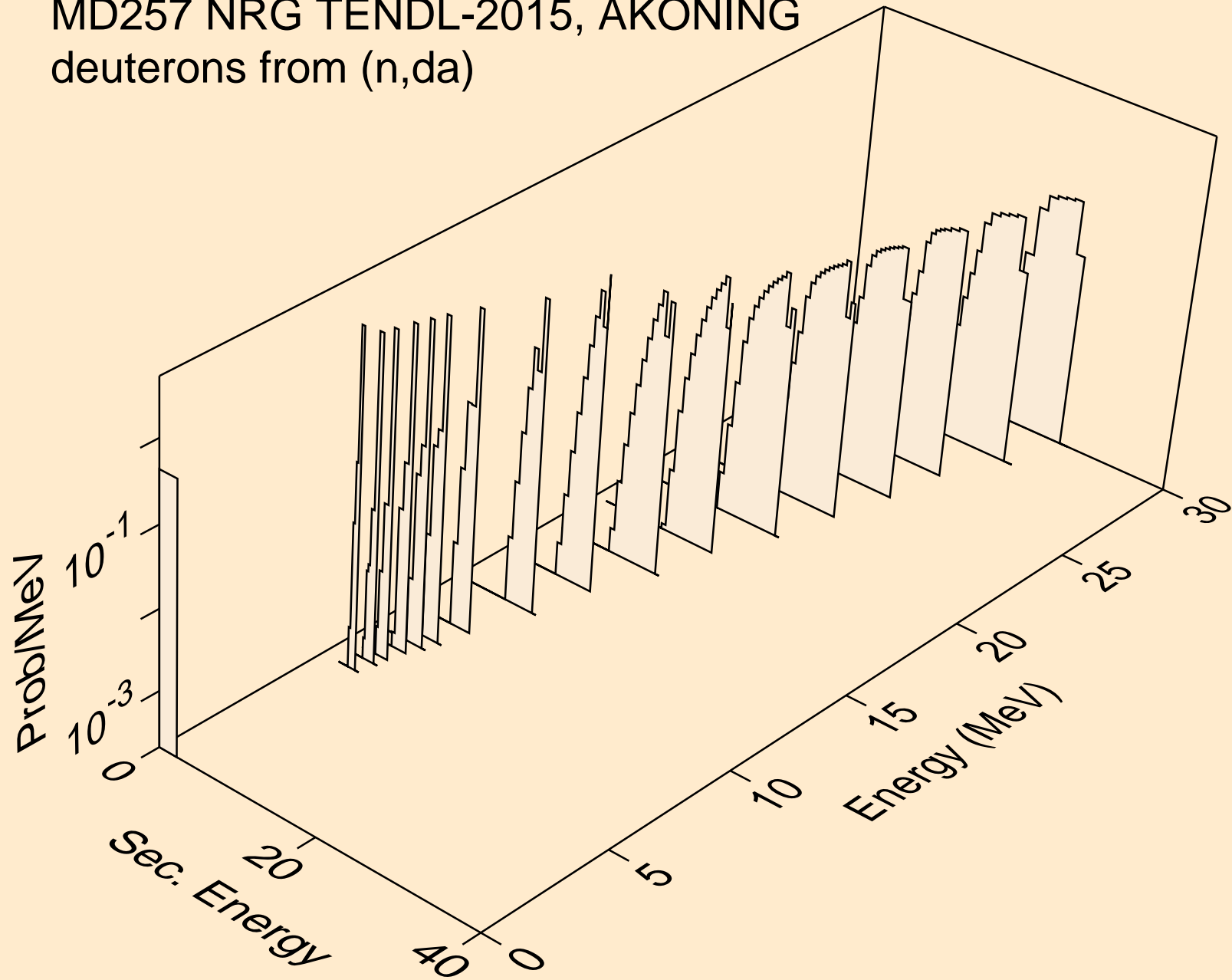


MD257 NRG TENDL-2015, AKONING  
deuterons from (n,d2a)

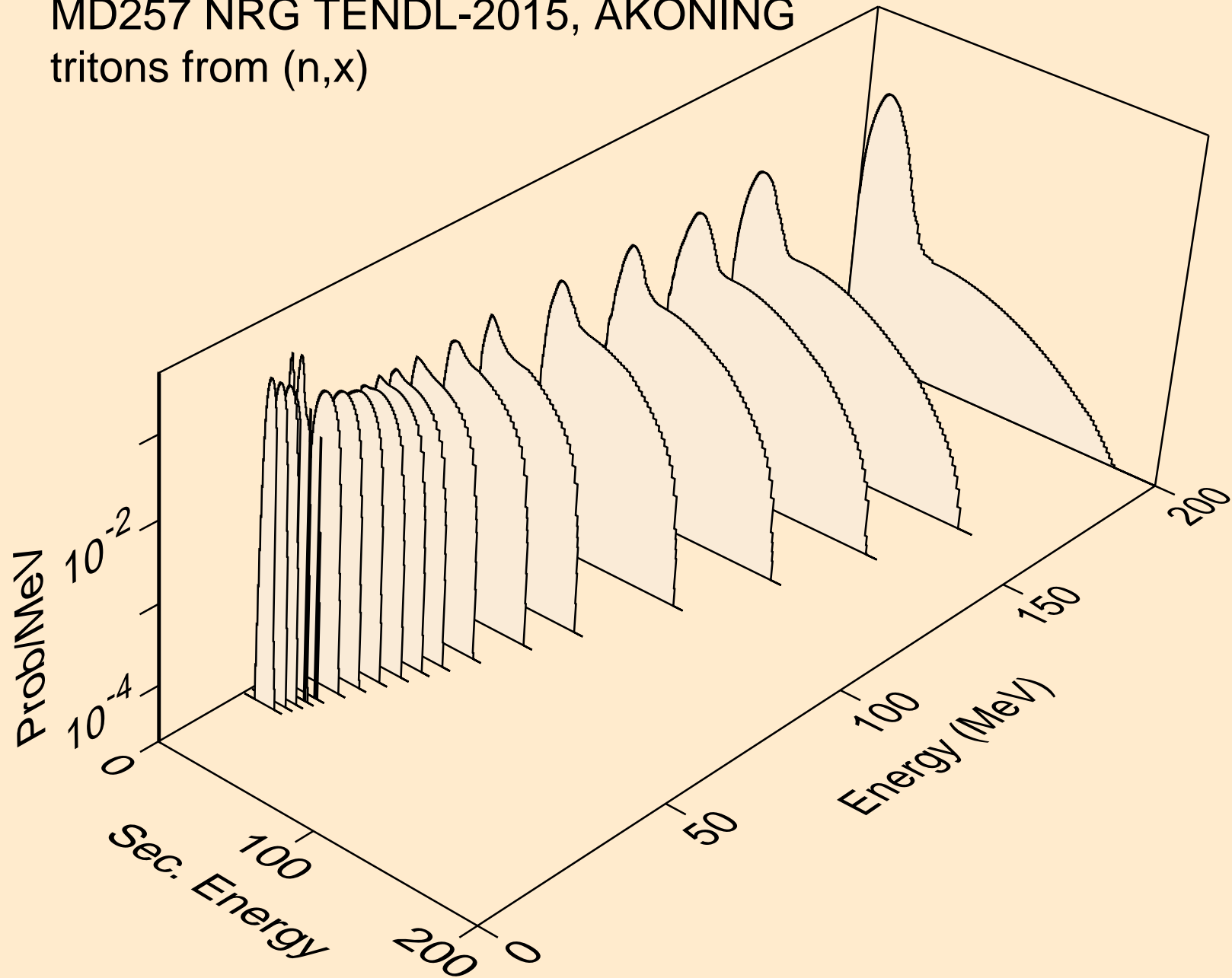




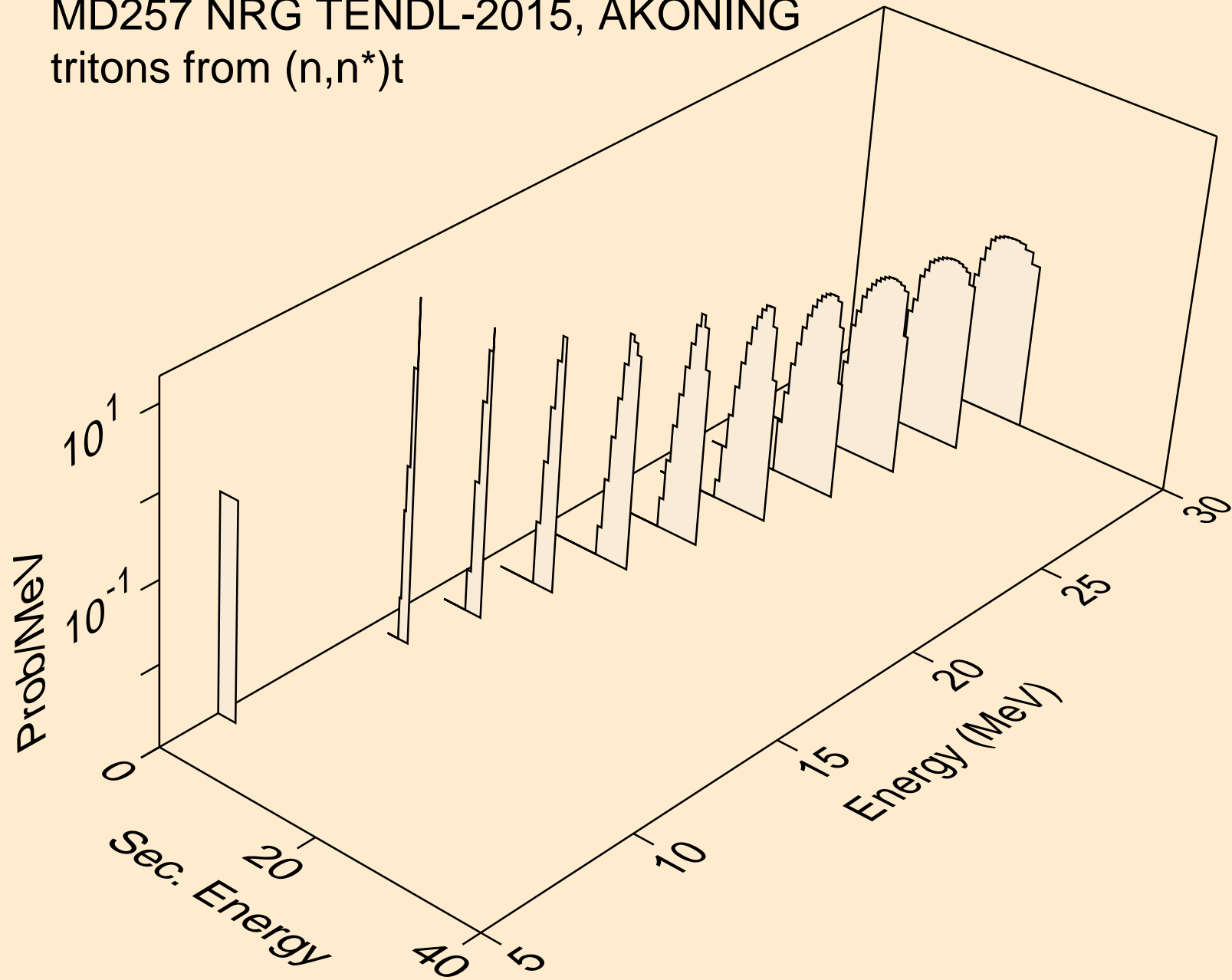
MD257 NRG TENDL-2015, AKONING  
deuterons from (n,da)



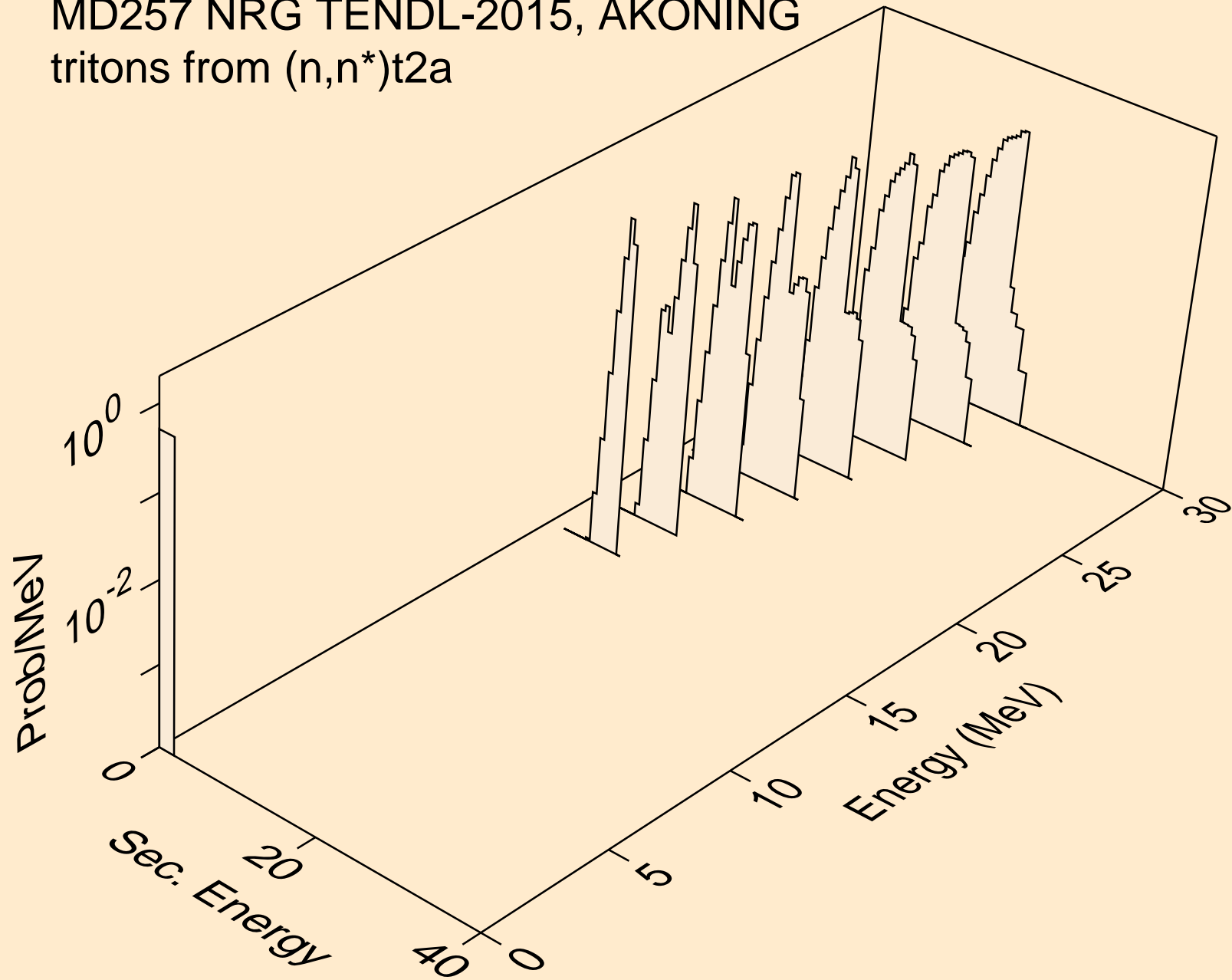
MD257 NRG TENDL-2015, AKONING  
tritons from (n,x)



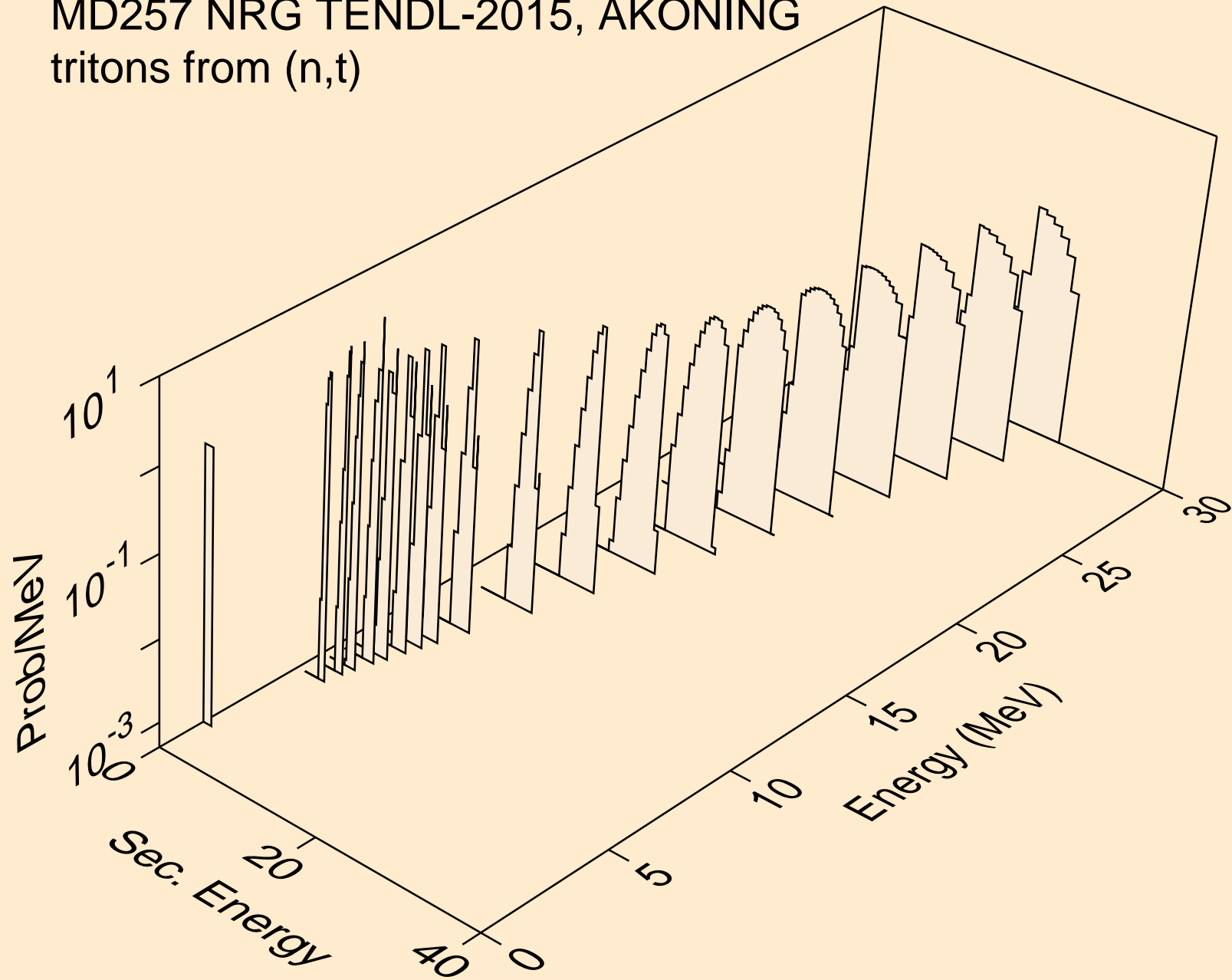
MD257 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



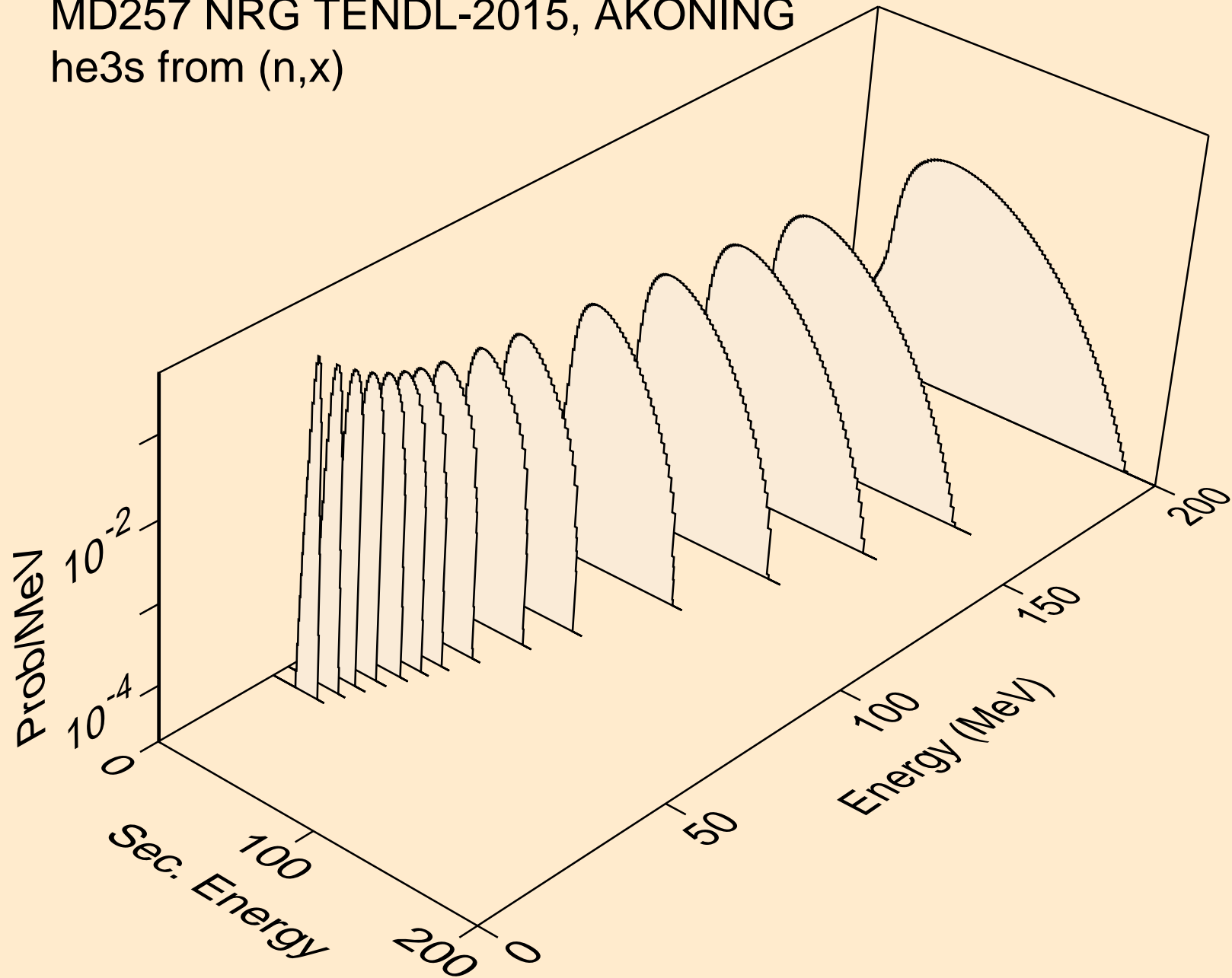
MD257 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t2a



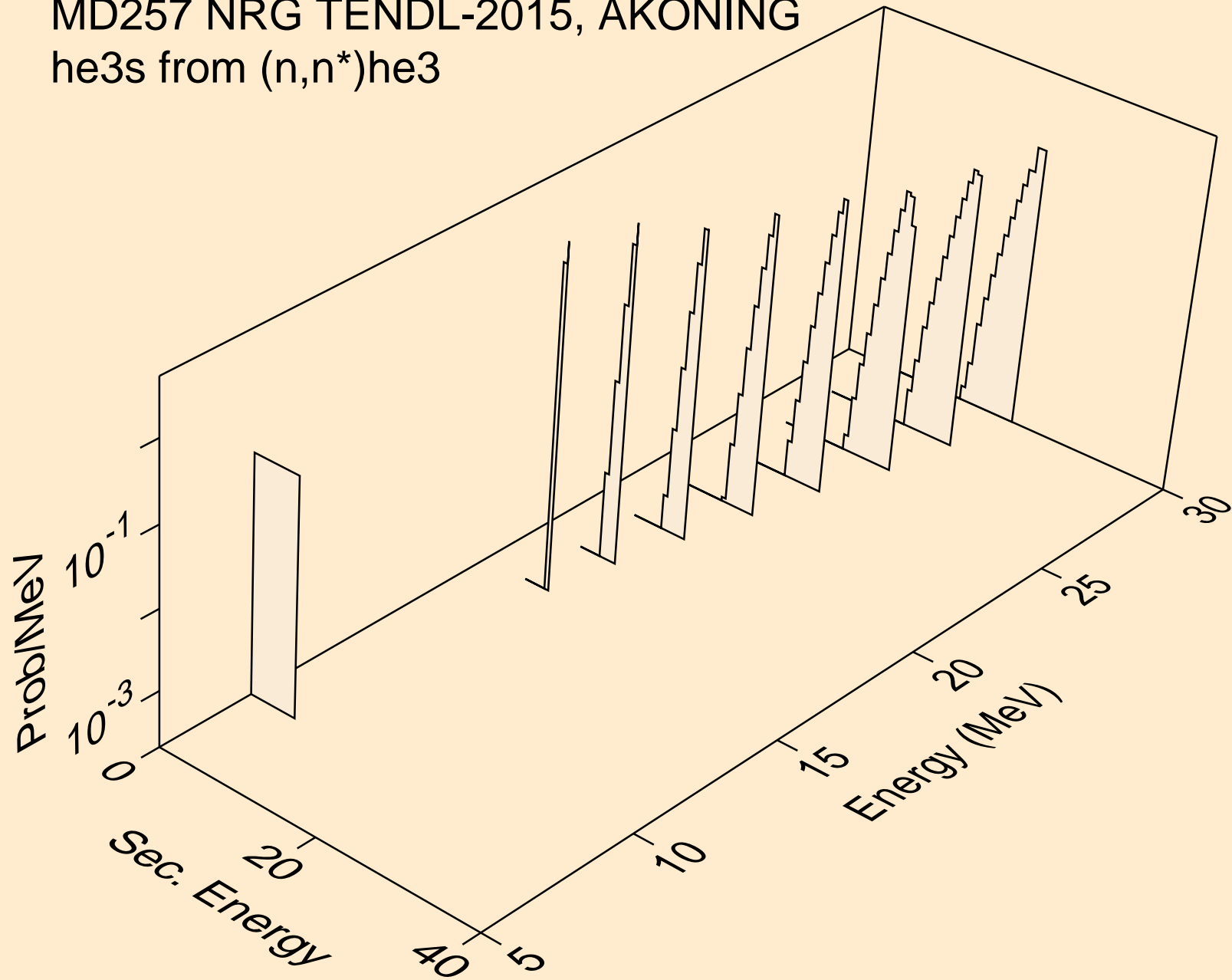
MD257 NRG TENDL-2015, AKONING  
tritons from (n,t)



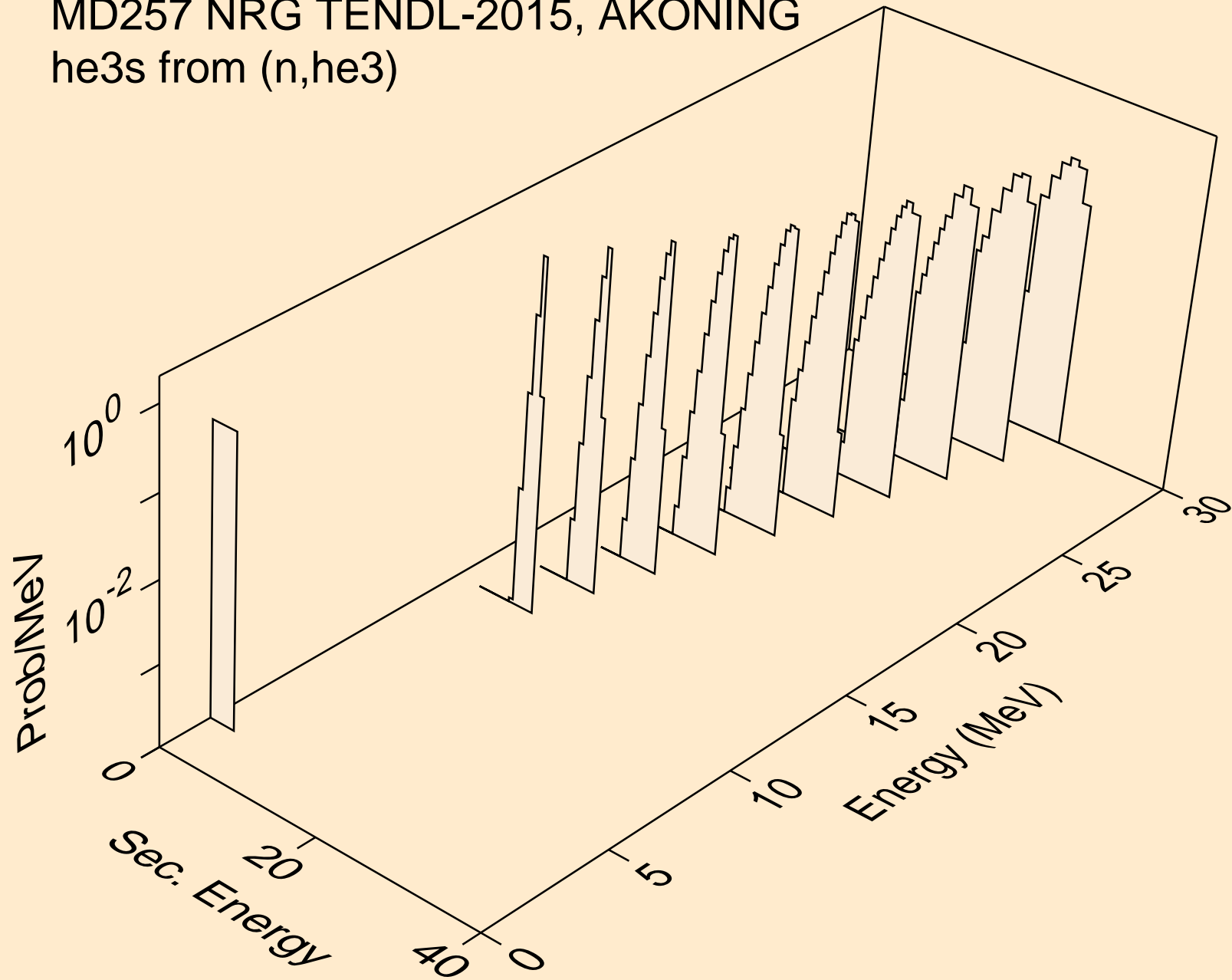
MD257 NRG TENDL-2015, AKONING  
he3s from (n,x)



MD257 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3

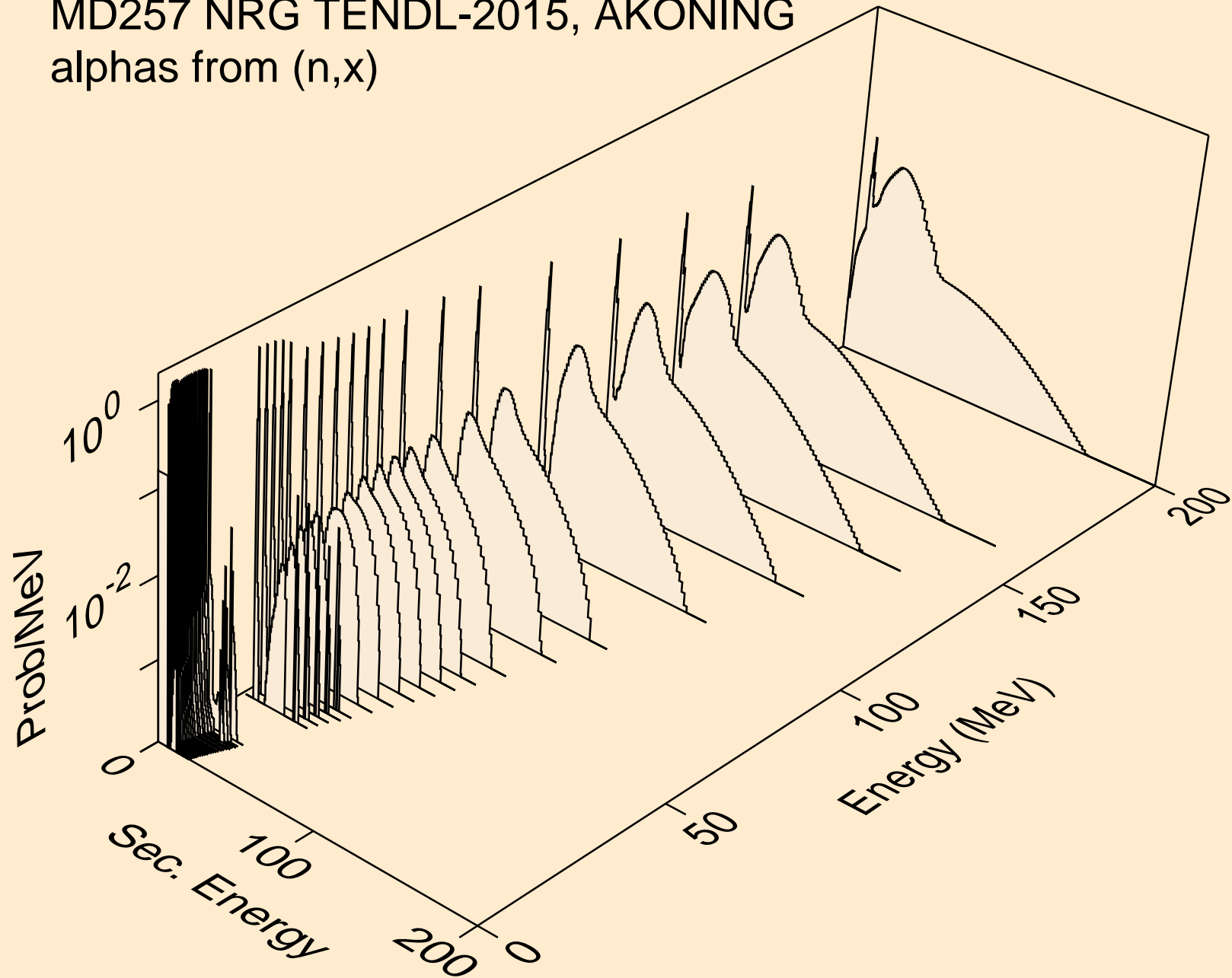


MD257 NRG TENDL-2015, AKONING  
he3s from (n,he3)

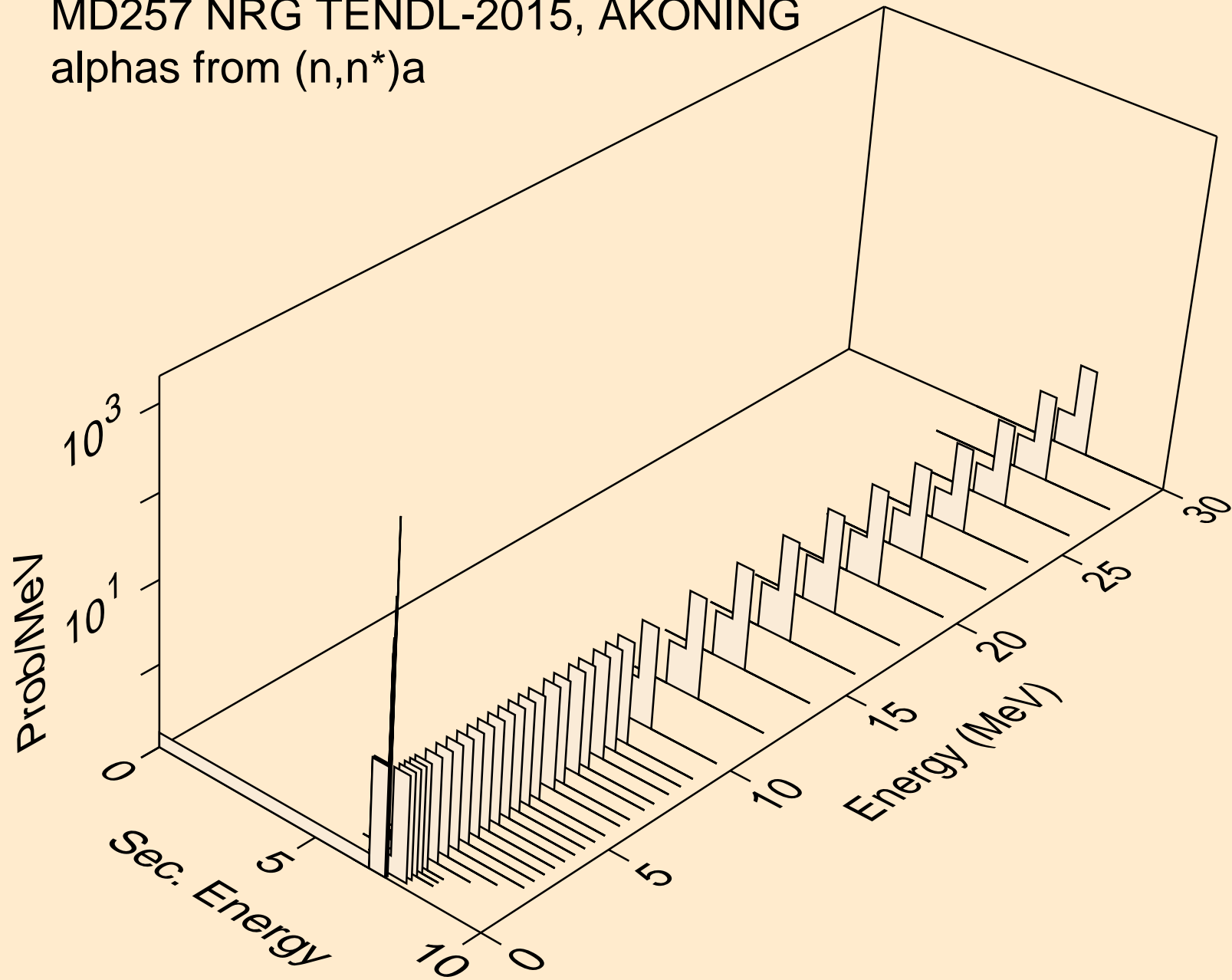




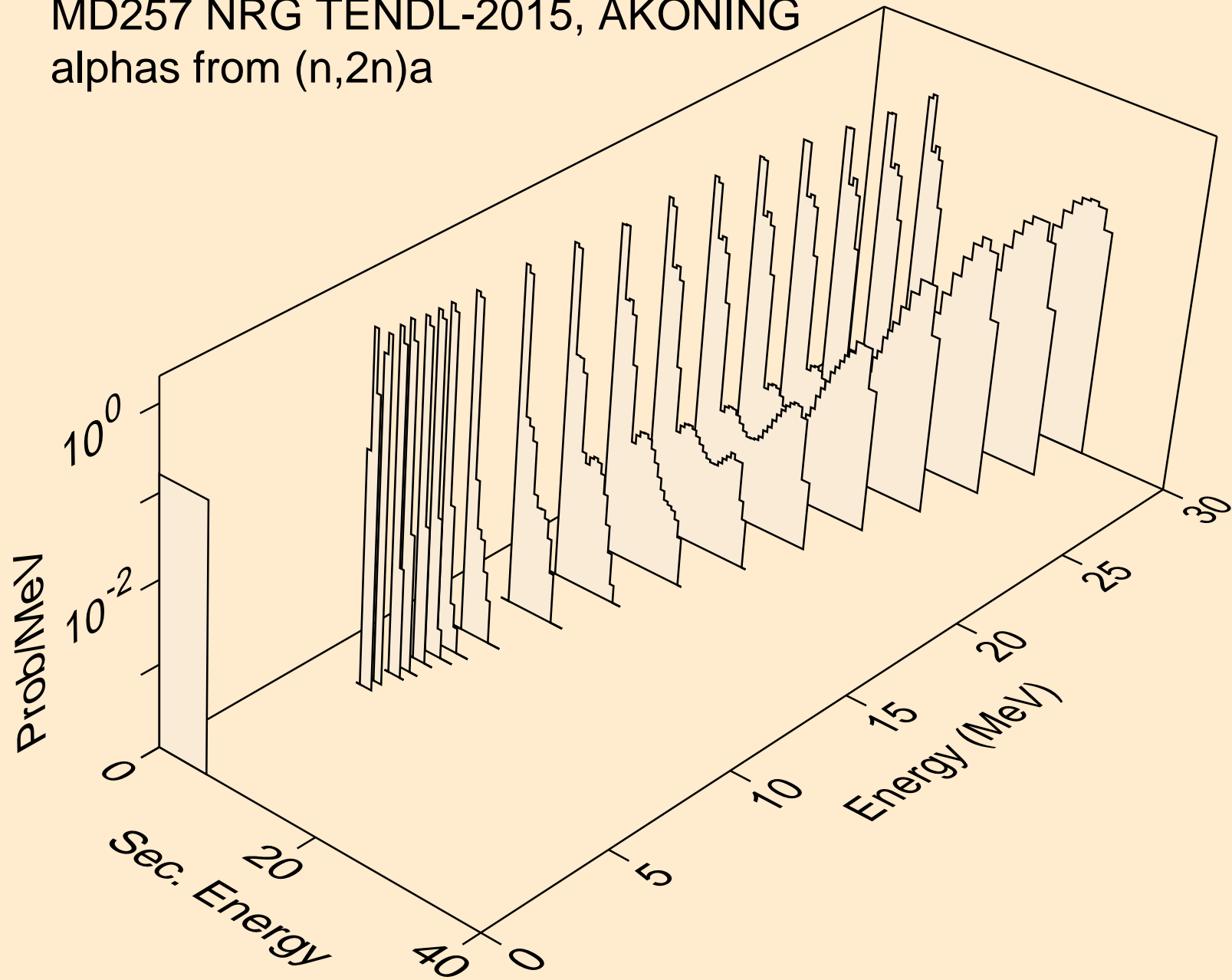
MD257 NRG TENDL-2015, AKONING  
alphas from (n,x)



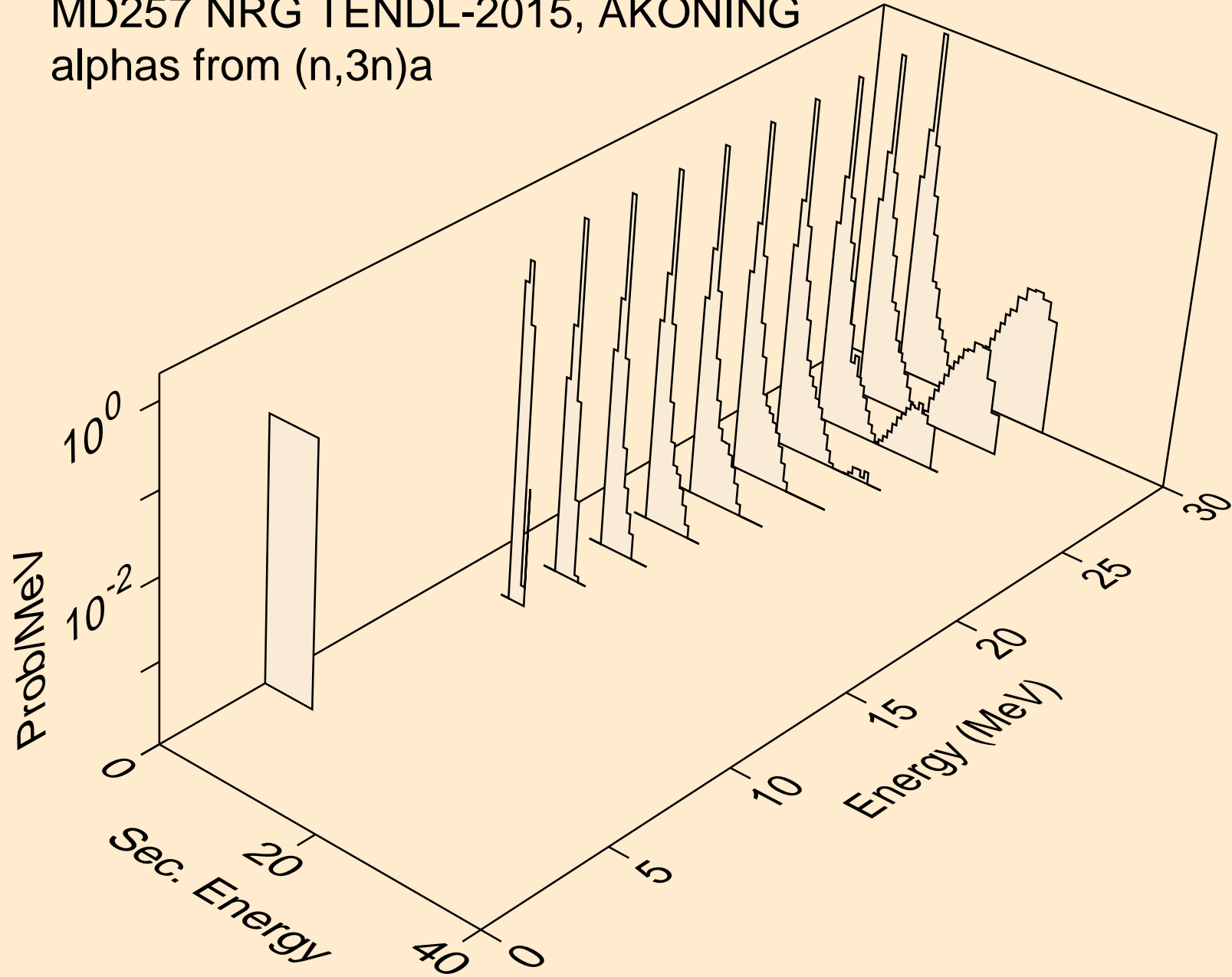
MD257 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



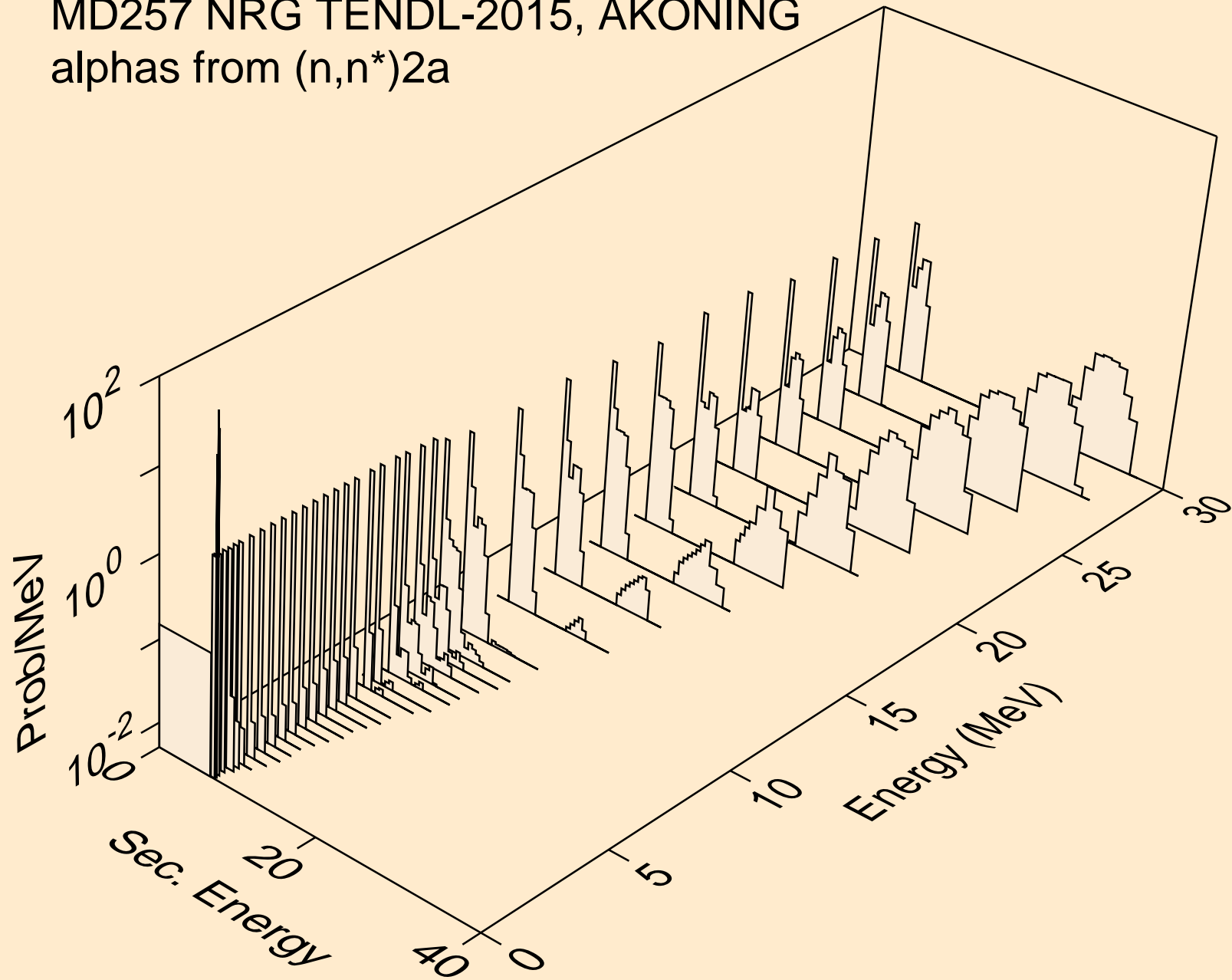
MD257 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



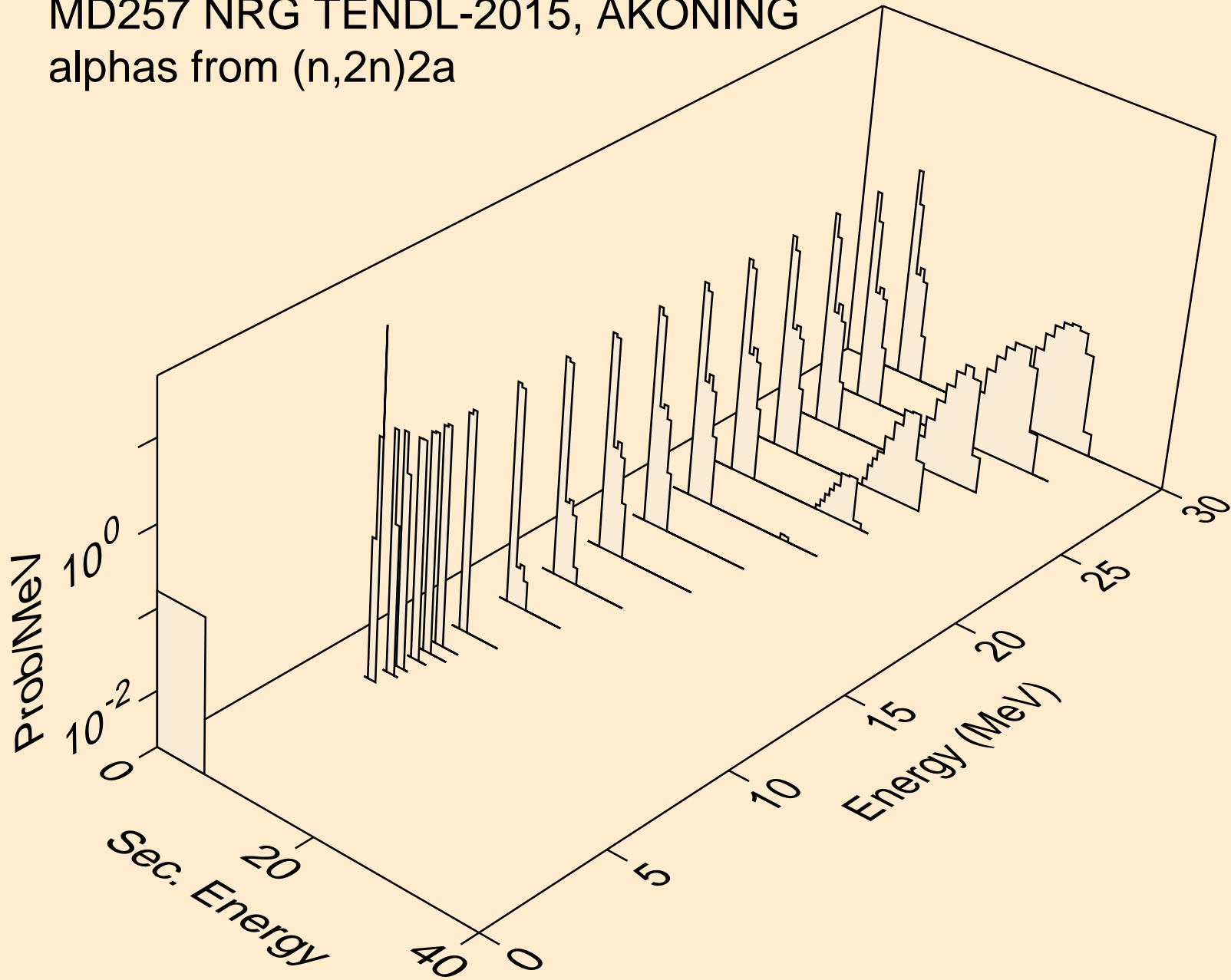
MD257 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



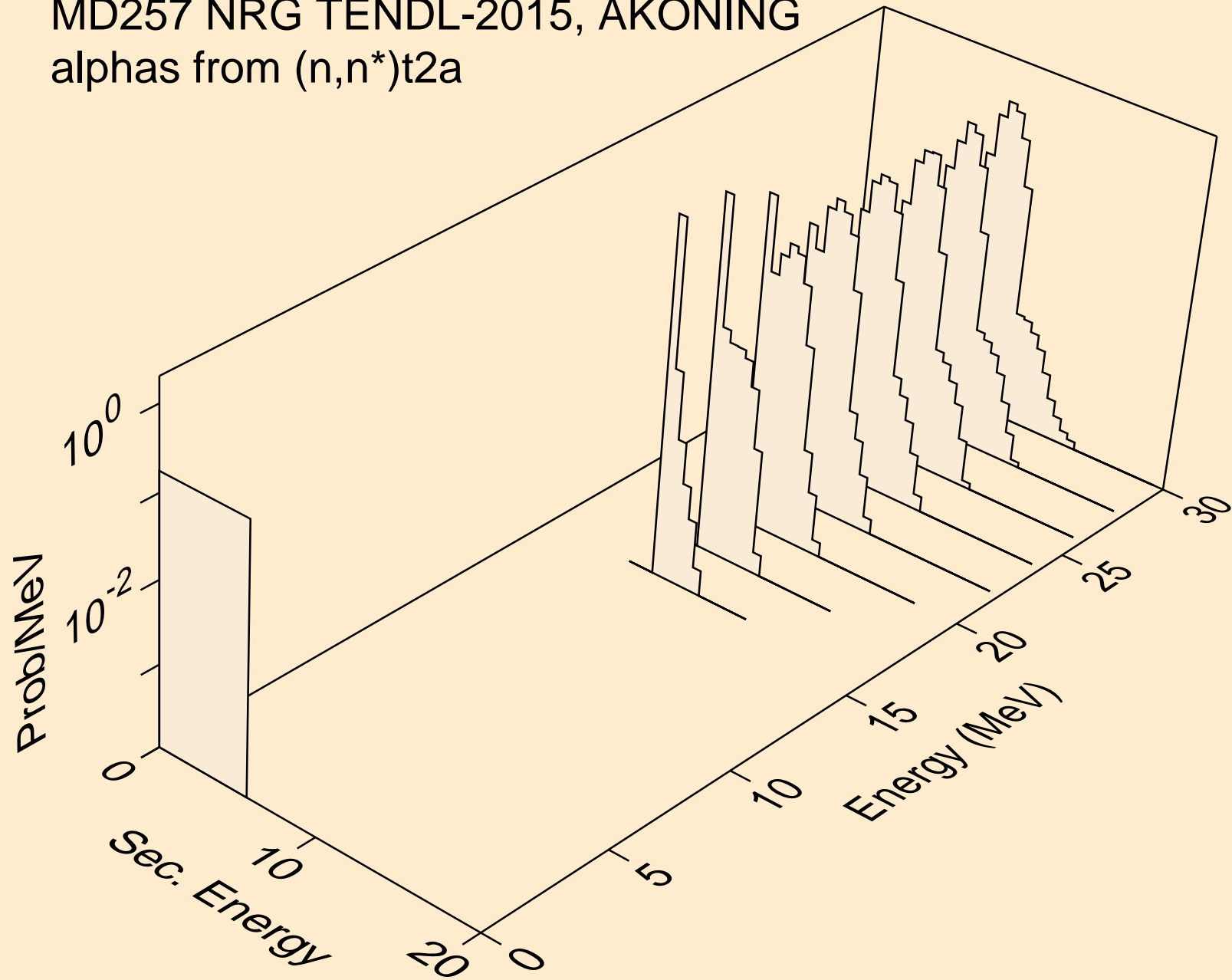
MD257 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



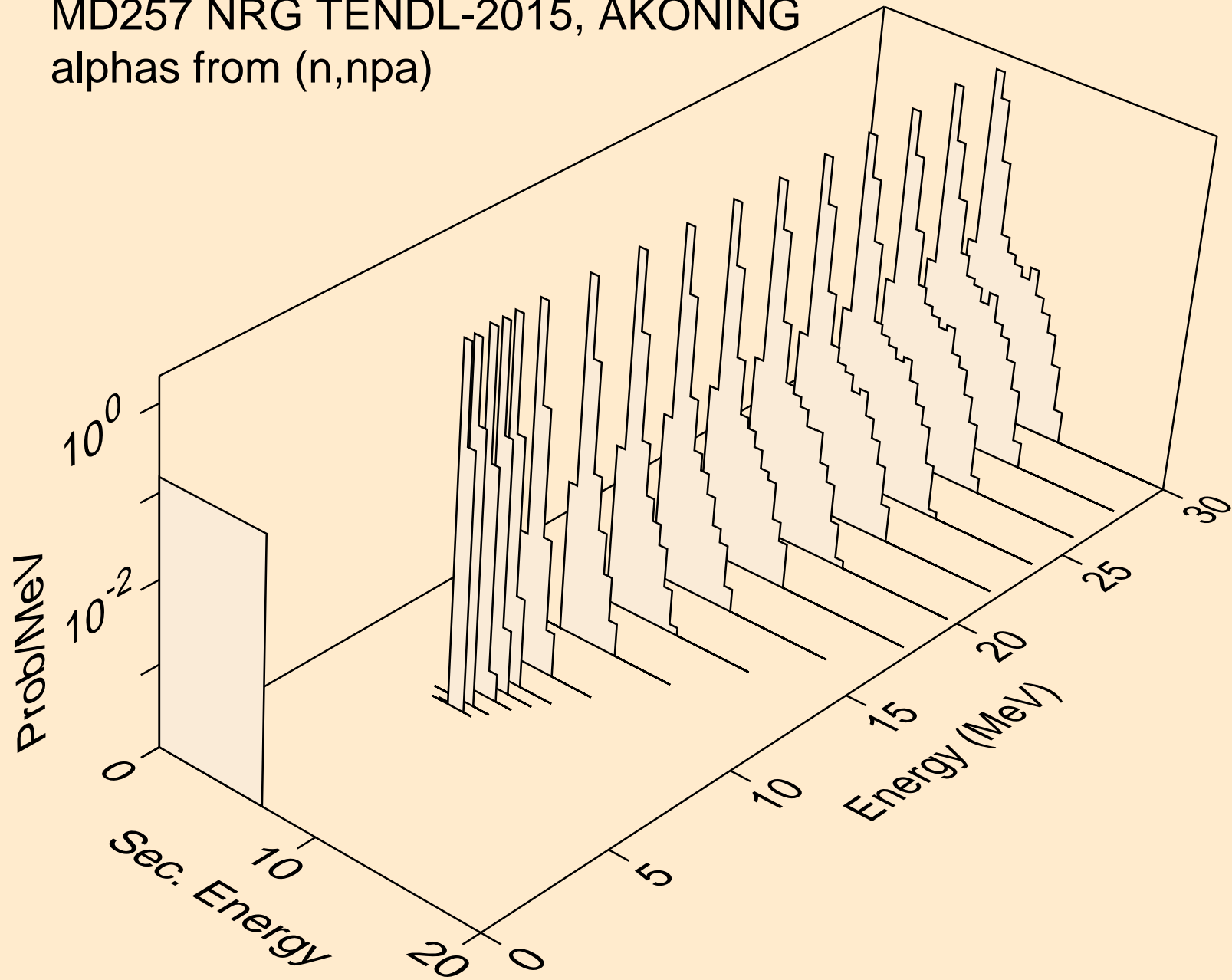
MD257 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



MD257 NRG TENDL-2015, AKONING  
alphas from (n,n\*)t2a

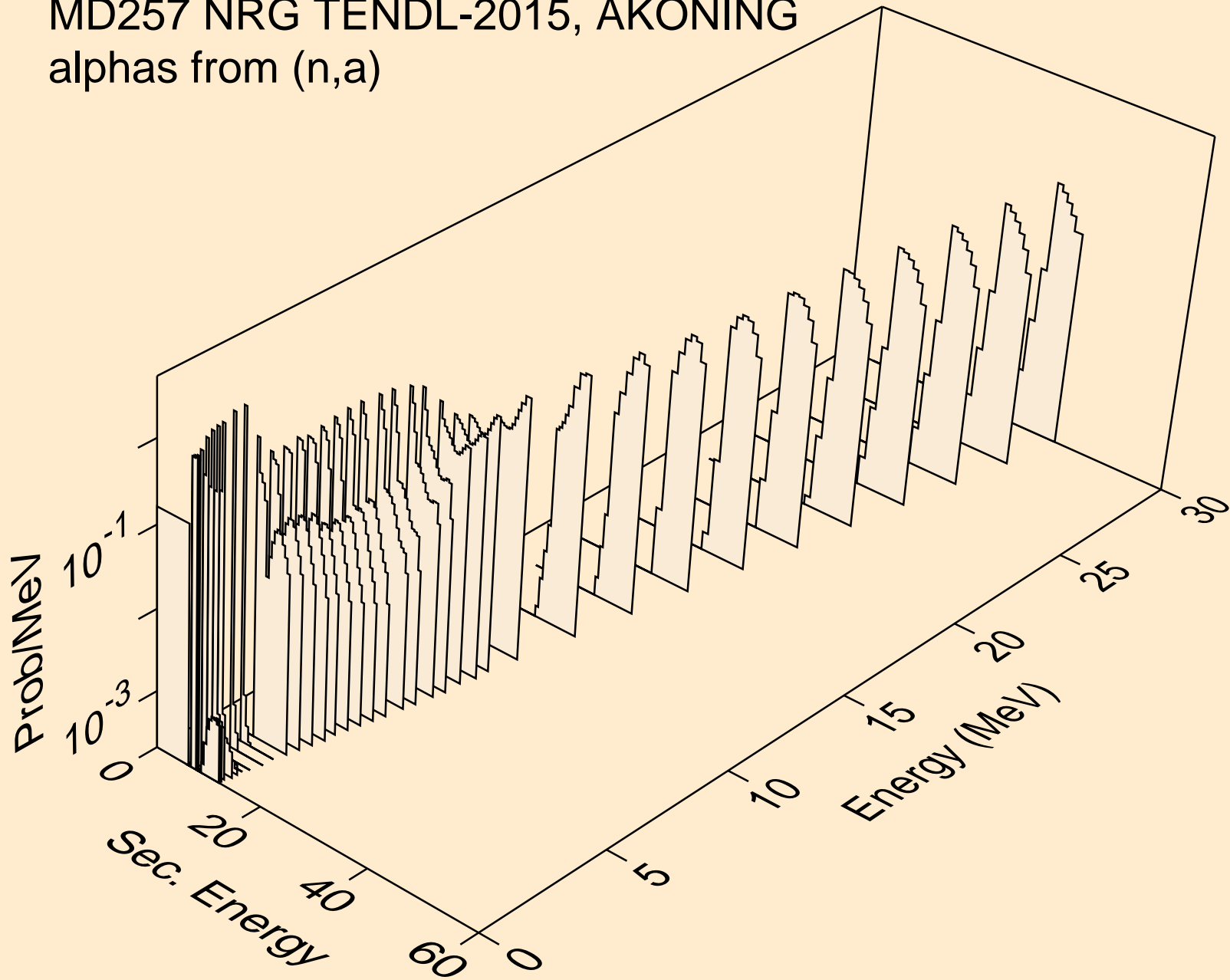


MD257 NRG TENDL-2015, AKONING  
alphas from (n,npa)

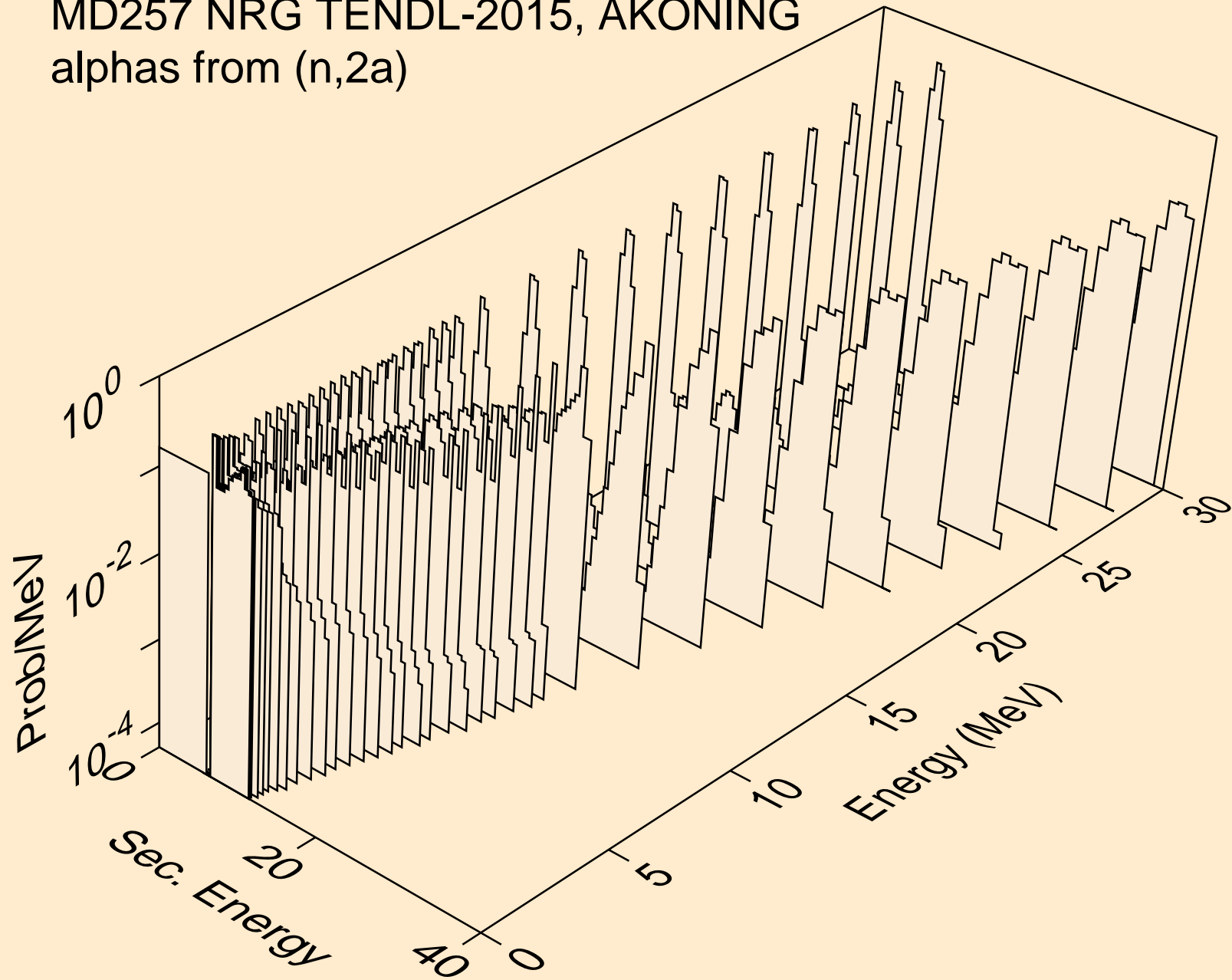




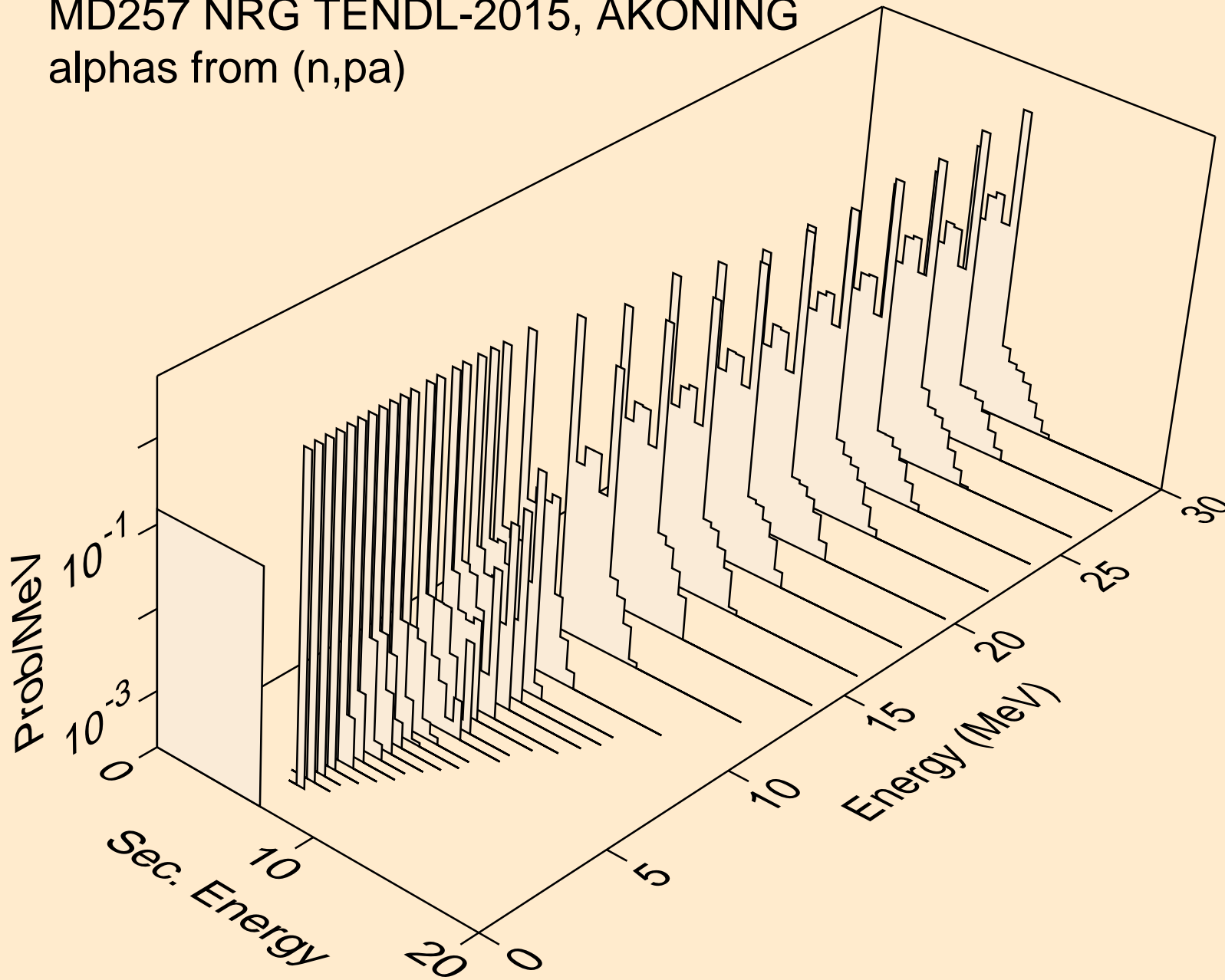
MD257 NRG TENDL-2015, AKONING  
alphas from (n,a)



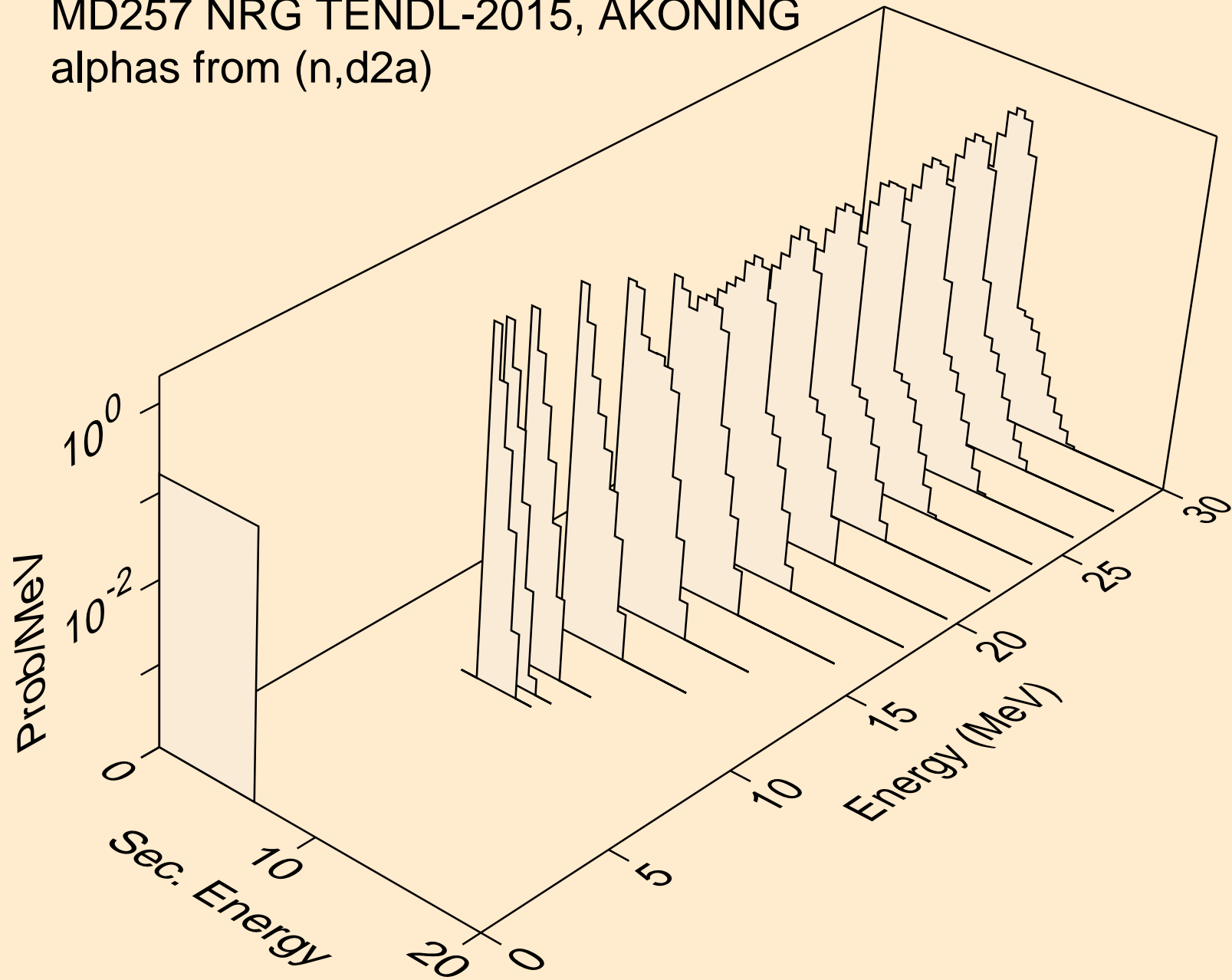
MD257 NRG TENDL-2015, AKONING  
alphas from (n,2a)



MD257 NRG TENDL-2015, AKONING  
alphas from (n,pa)



MD257 NRG TENDL-2015, AKONING  
alphas from (n,d2a)



MD257 NRG TENDL-2015, AKONING  
alphas from (n,da)

