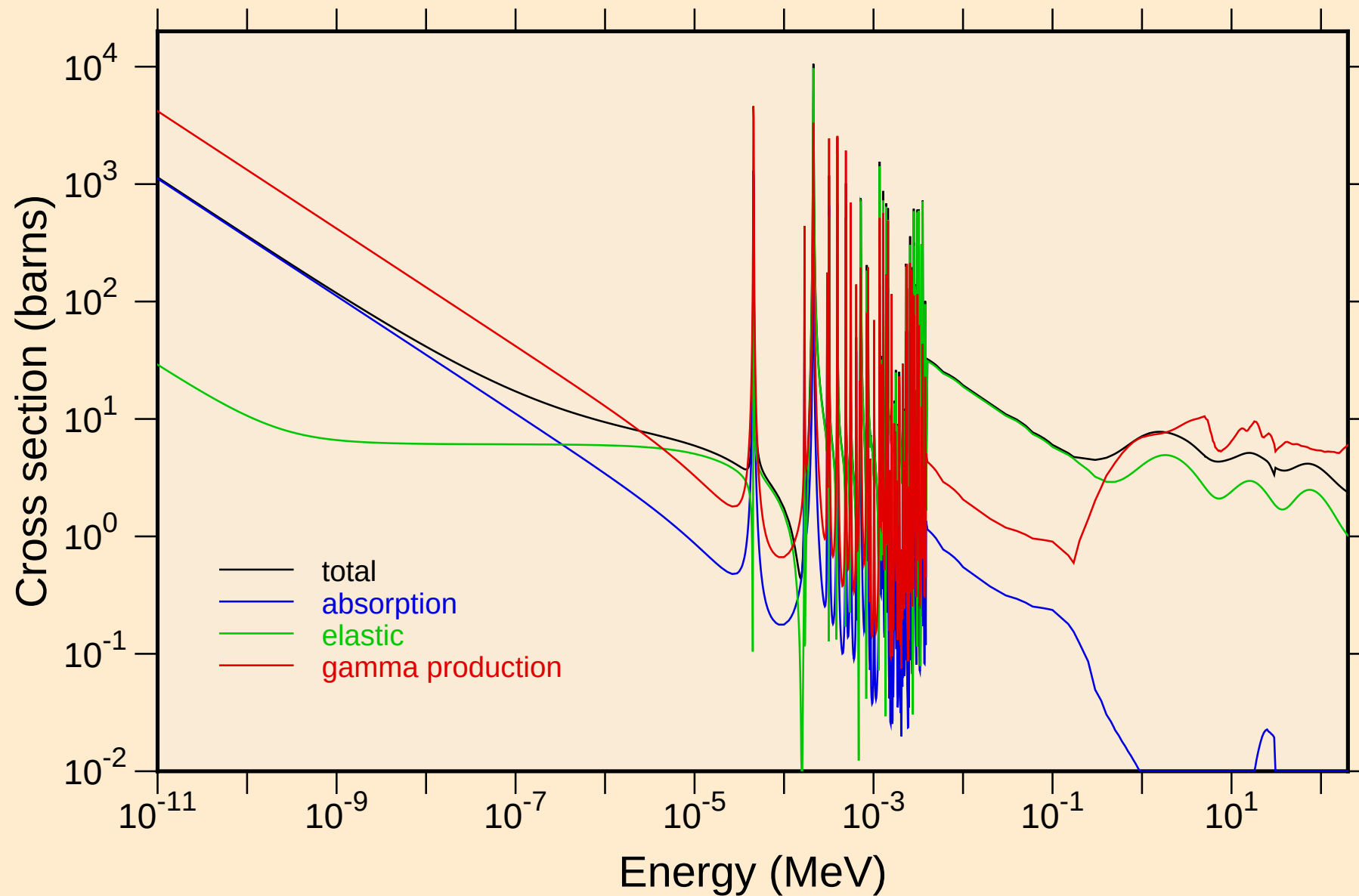
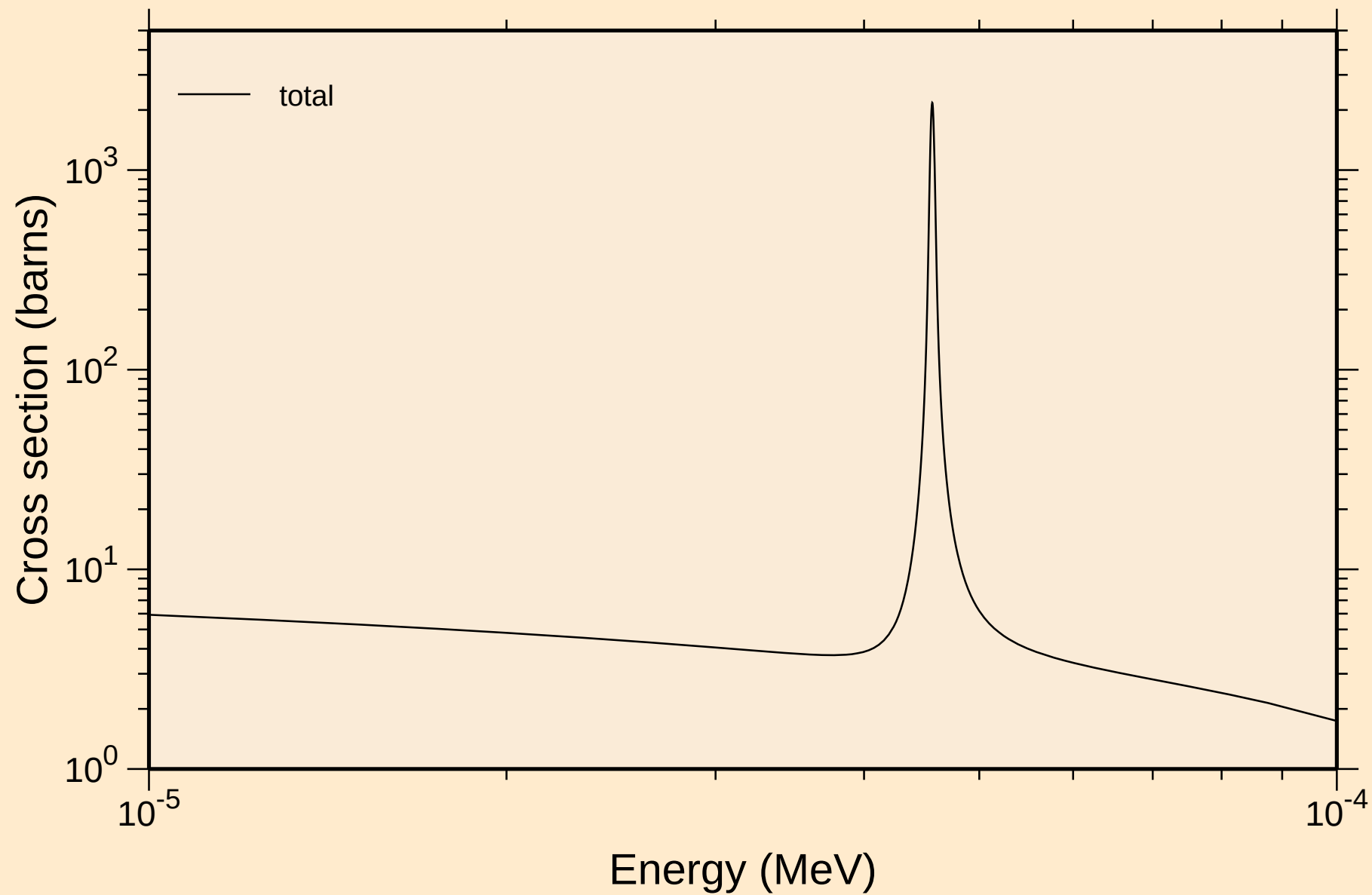


# N-PR152 NRG TENDL-2017, AKONING

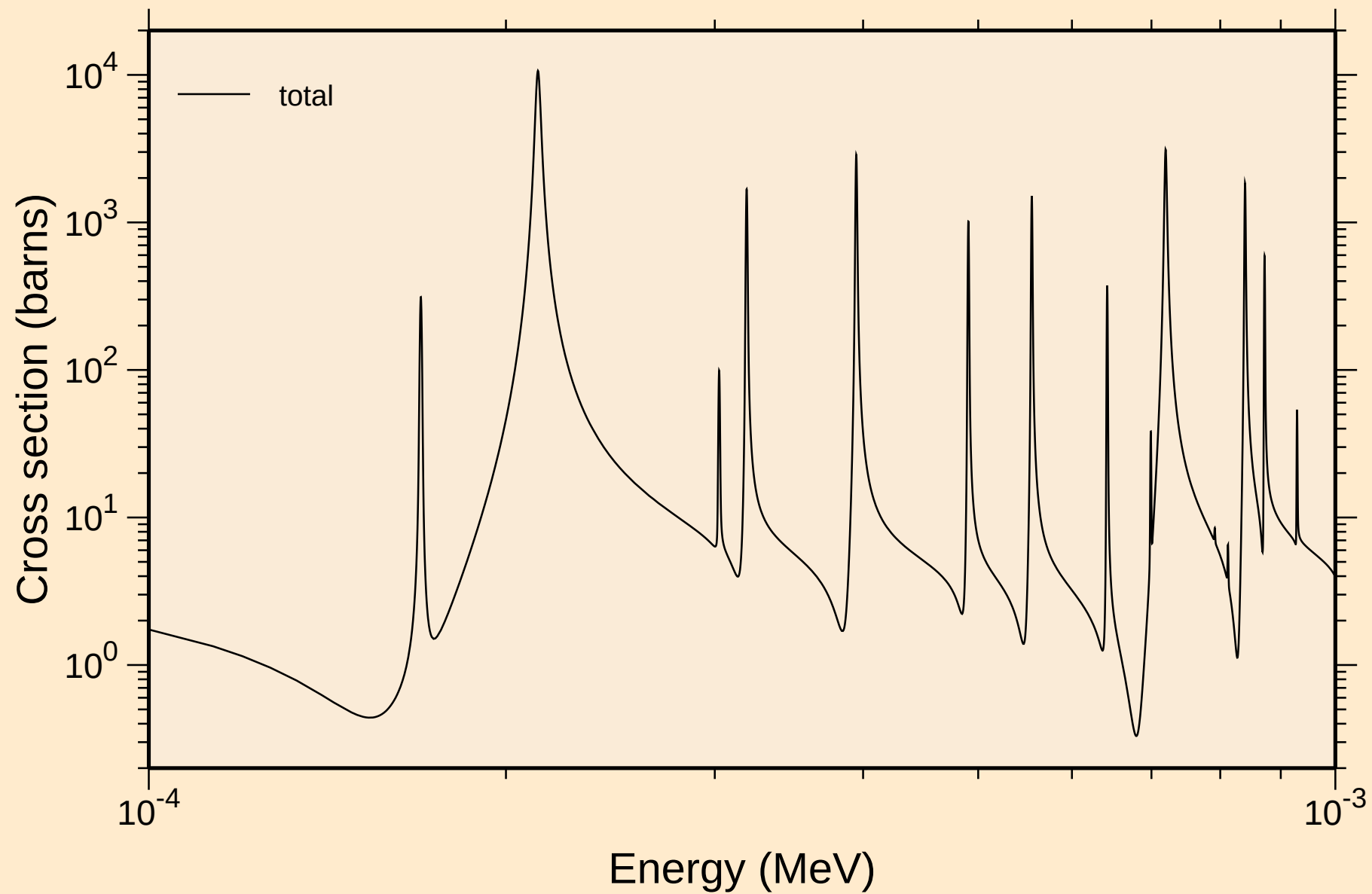
## Principal cross sections



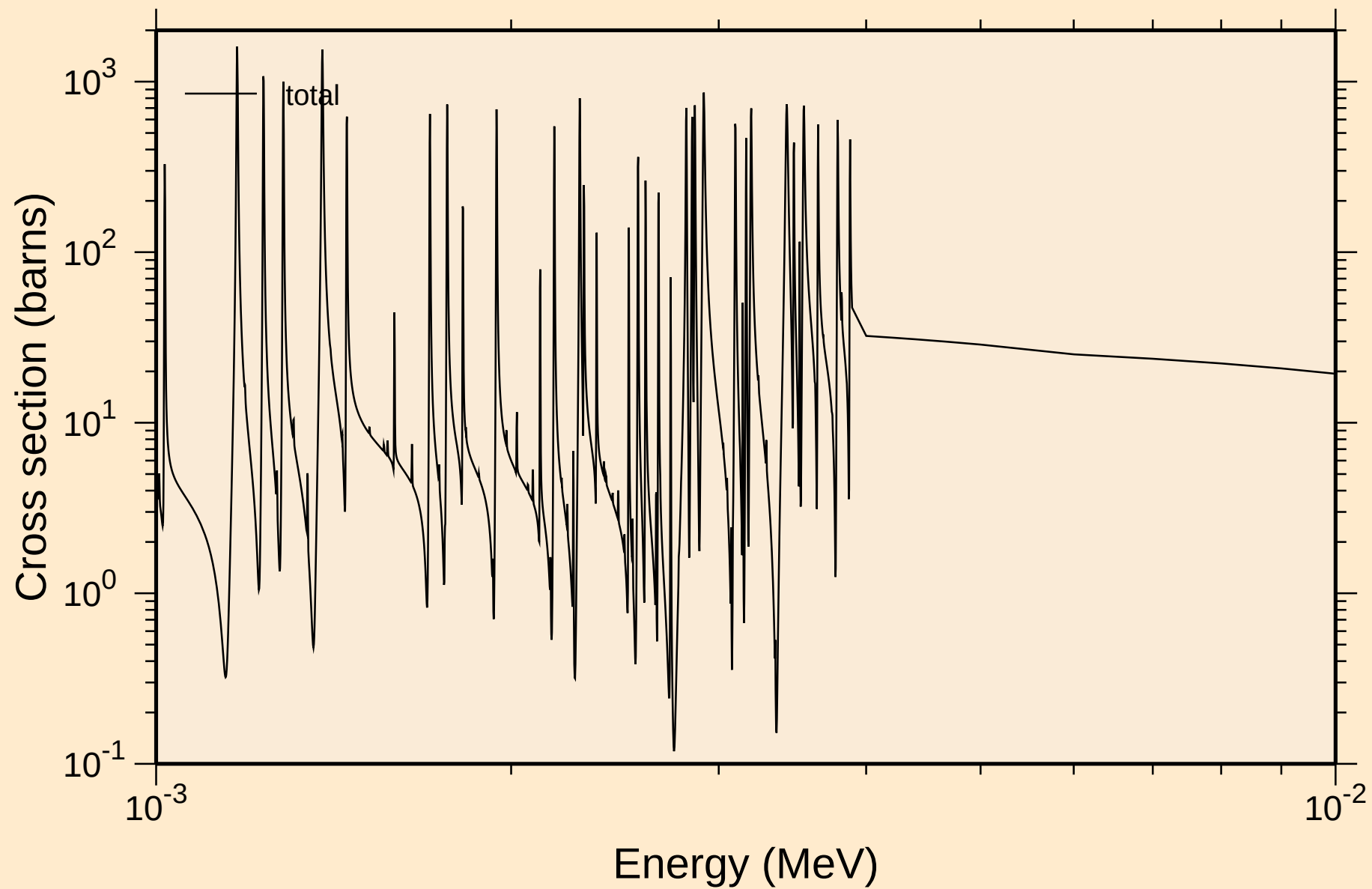
N-PR152 NRG TENDL-2017, AKONING  
resonance total cross section



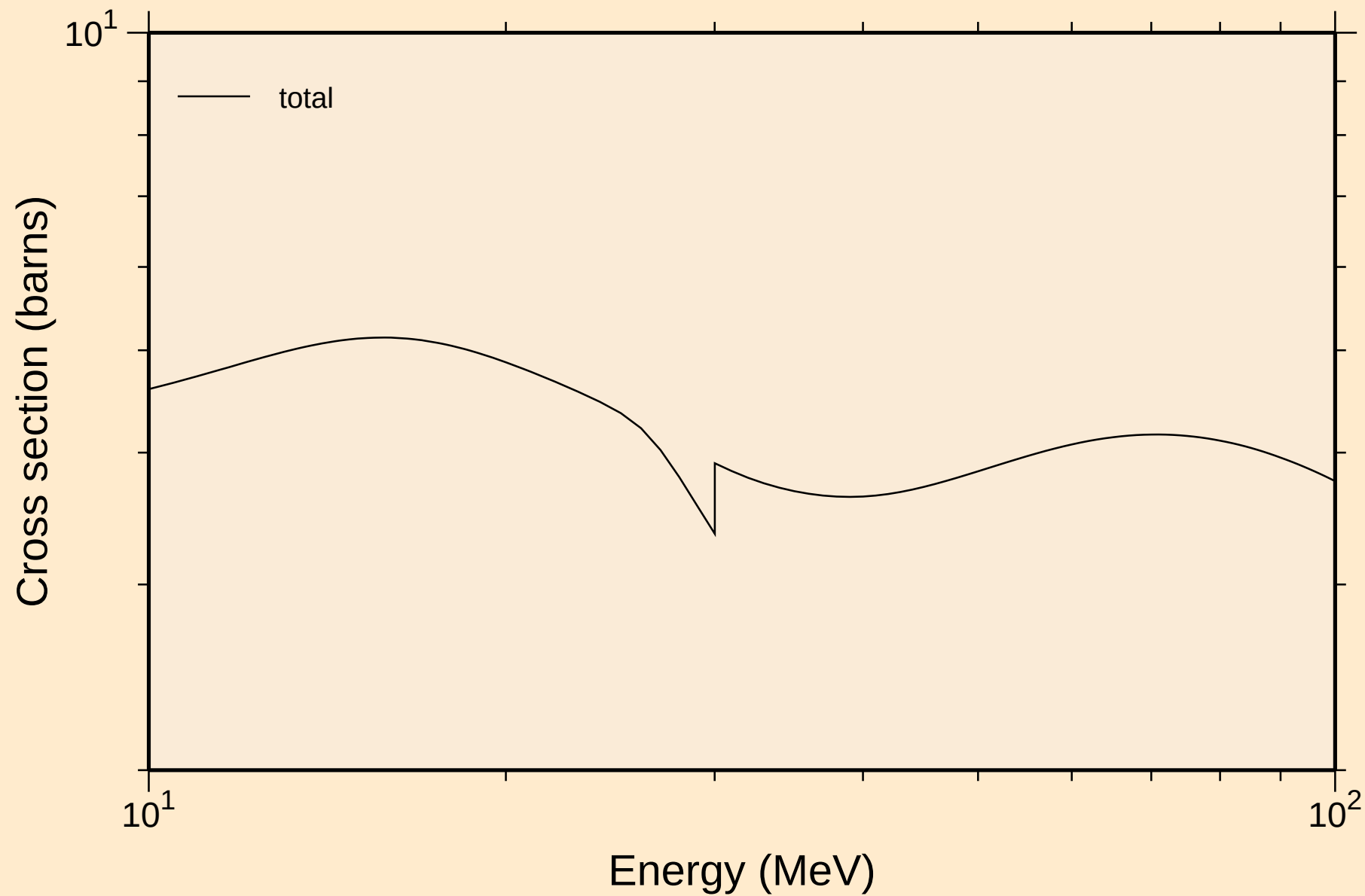
N-PR152 NRG TENDL-2017, AKONING  
resonance total cross section



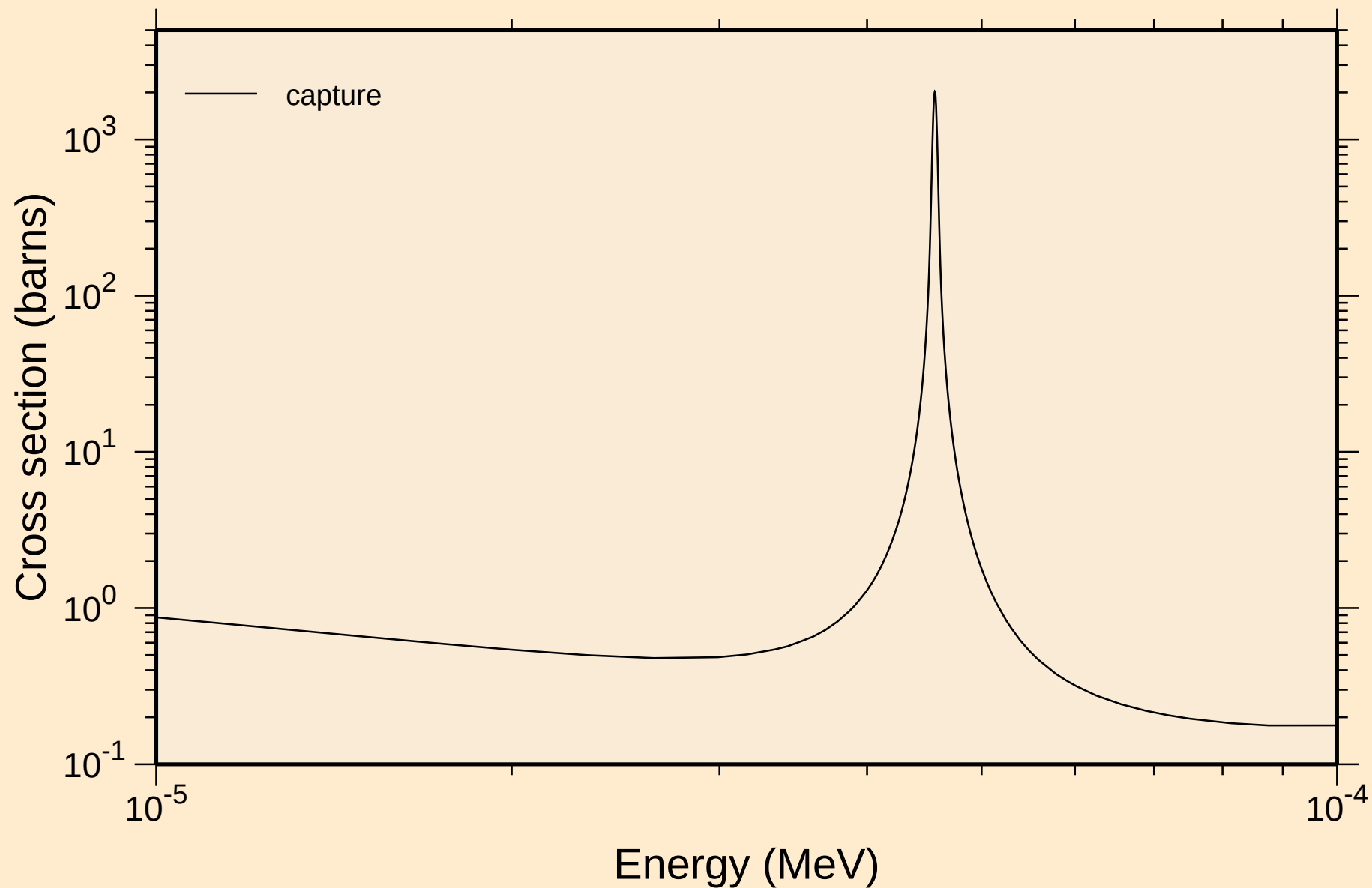
N-PR152 NRG TENDL-2017, AKONING  
resonance total cross section



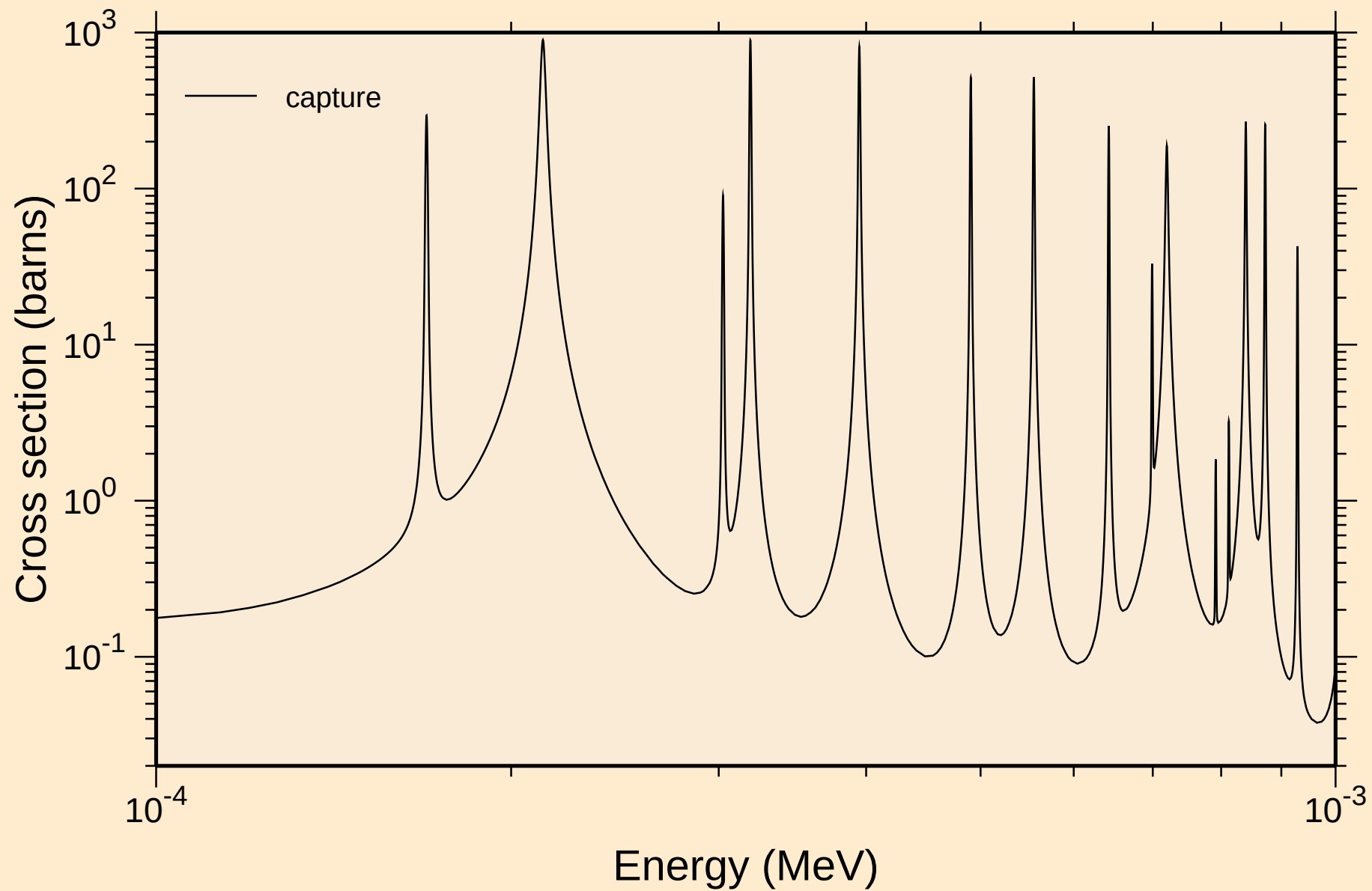
N-PR152 NRG TENDL-2017, AKONING  
resonance total cross section



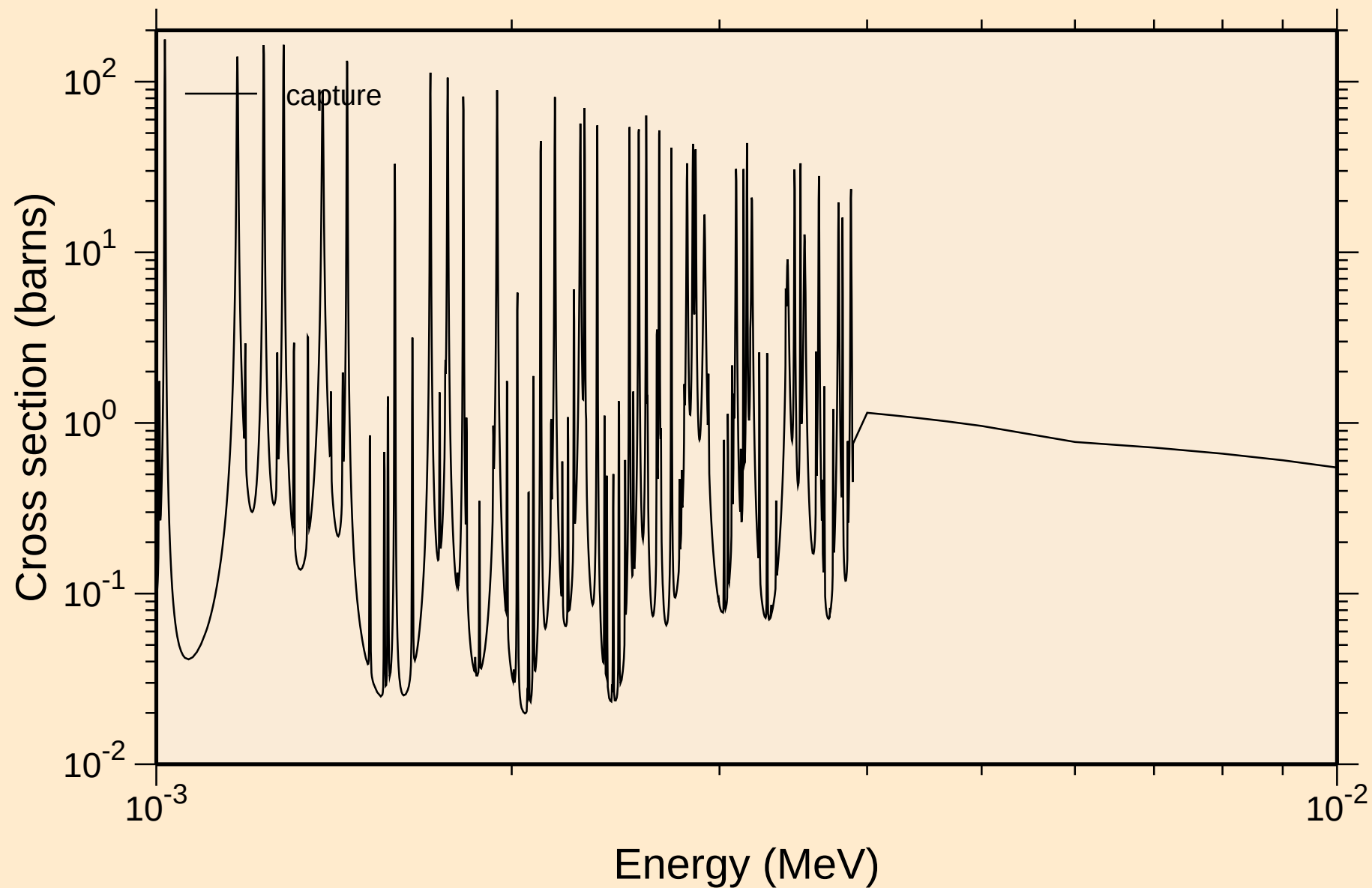
N-PR152 NRG TENDL-2017, AKONING  
resonance absorption cross sections



N-PR152 NRG TENDL-2017, AKONING  
resonance absorption cross sections

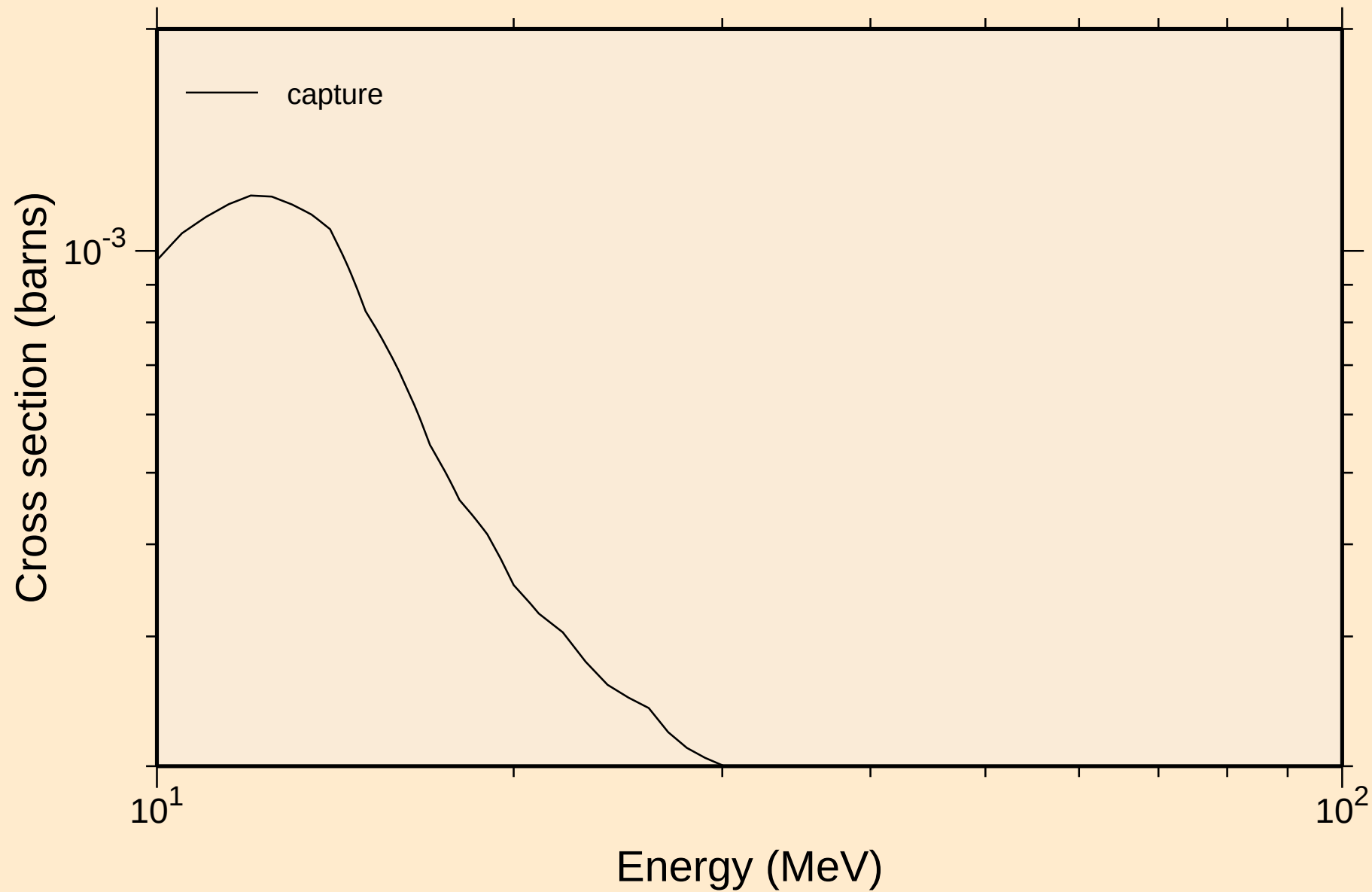


N-PR152 NRG TENDL-2017, AKONING  
resonance absorption cross sections

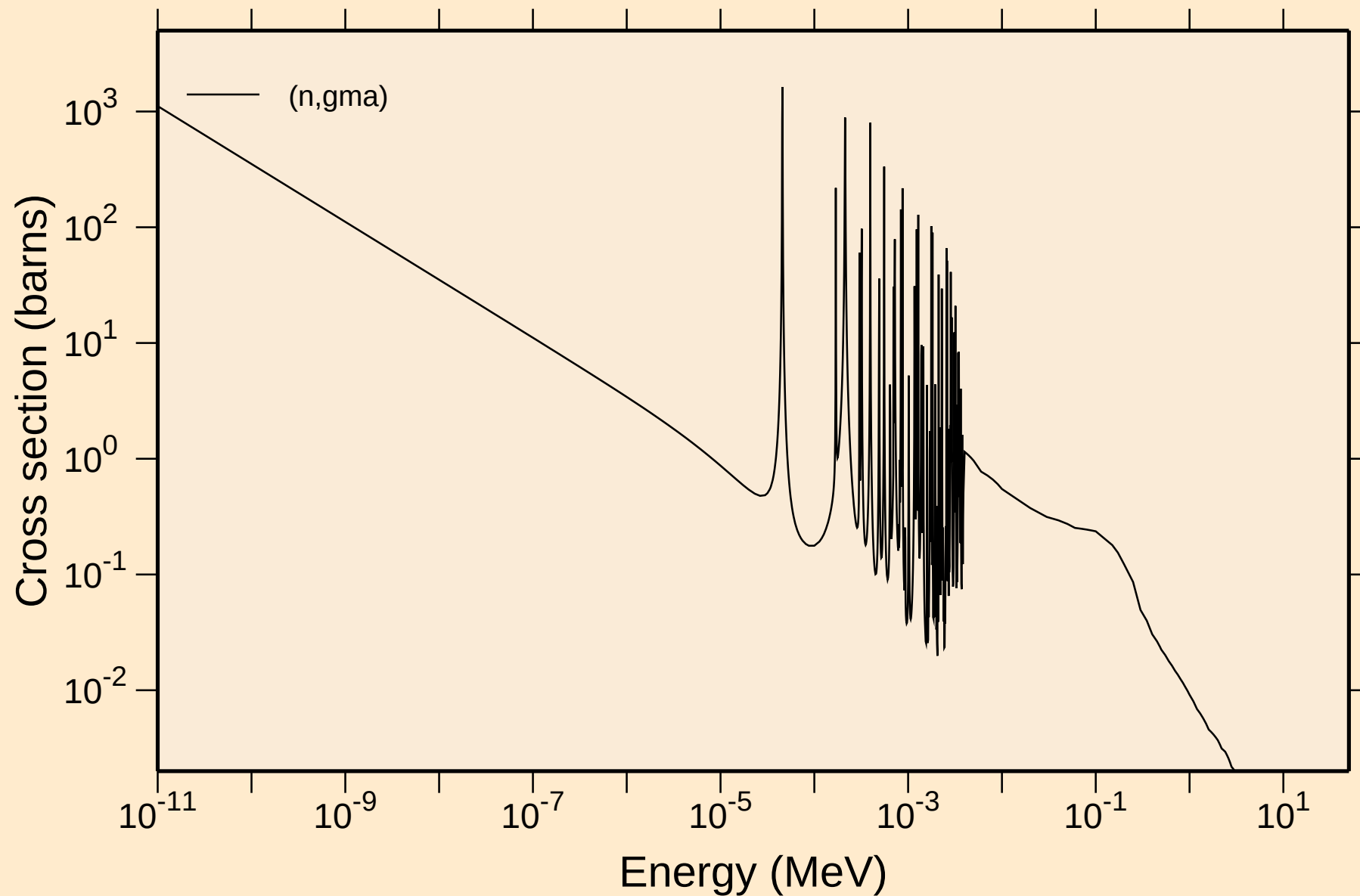




N-PR152 NRG TENDL-2017, AKONING  
resonance absorption cross sections

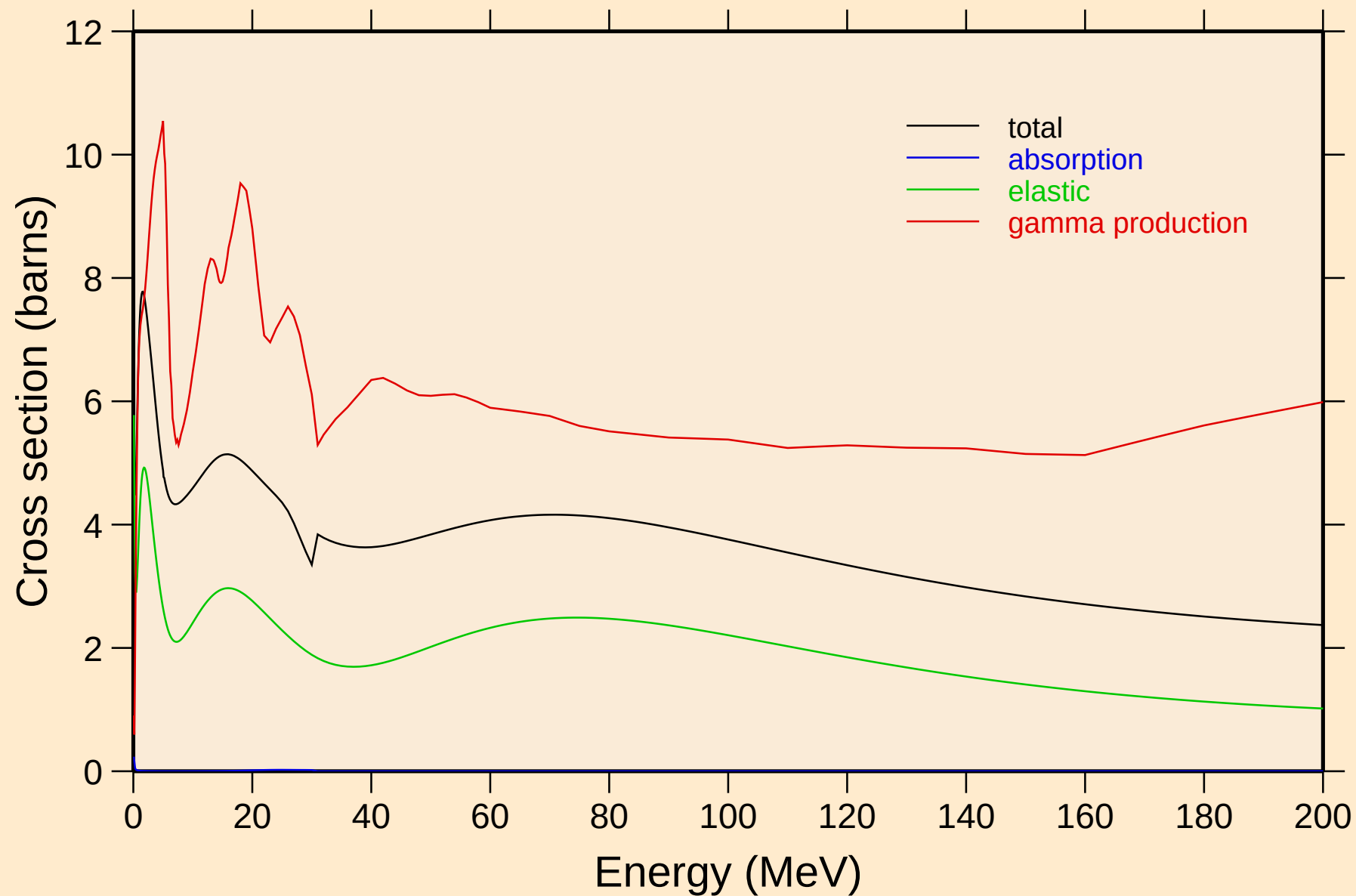


N-PR152 NRG TENDL-2017, AKONING  
Non-threshold reactions



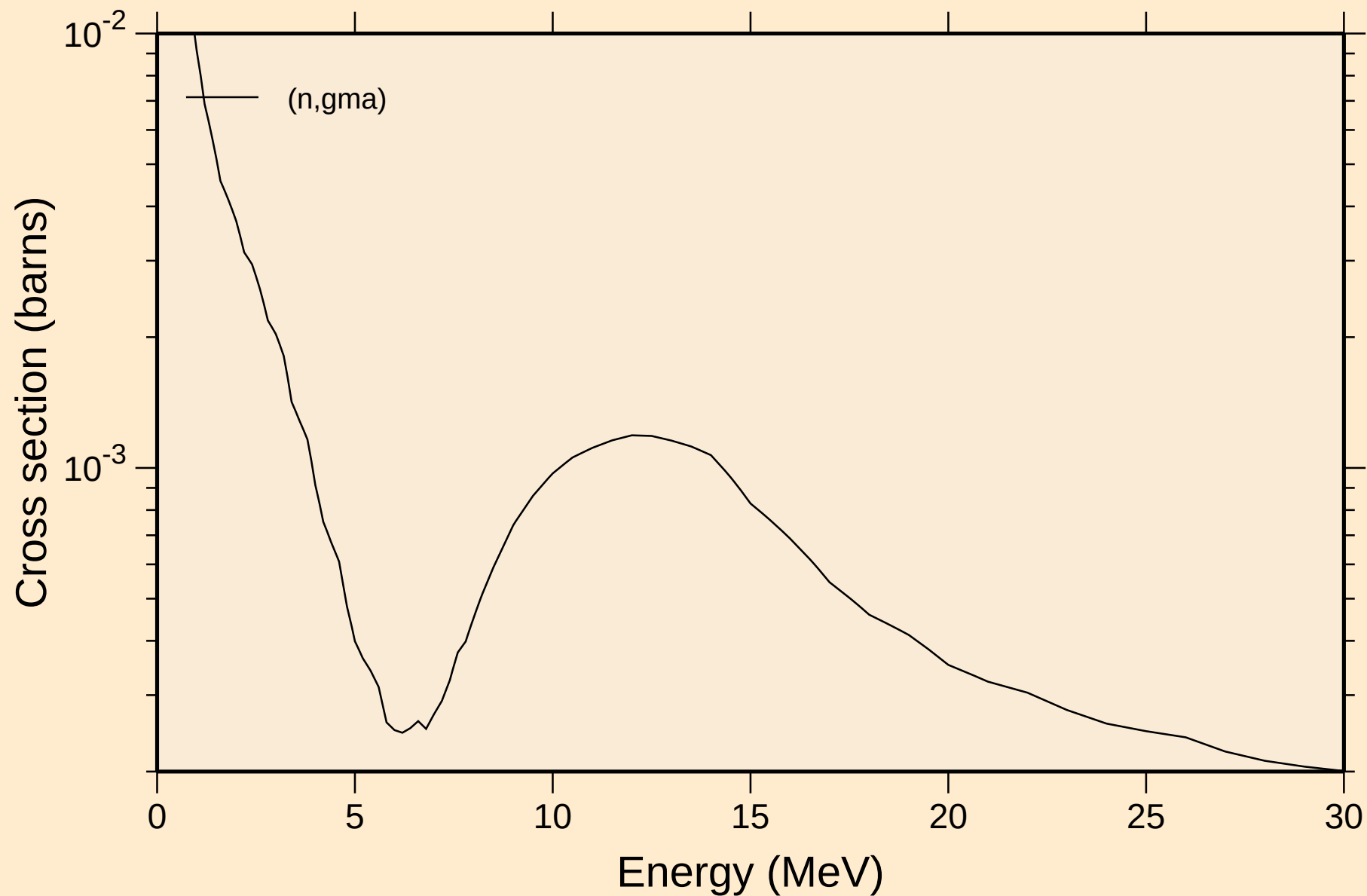
# N-PR152 NRG TENDL-2017, AKONING

## Principal cross sections

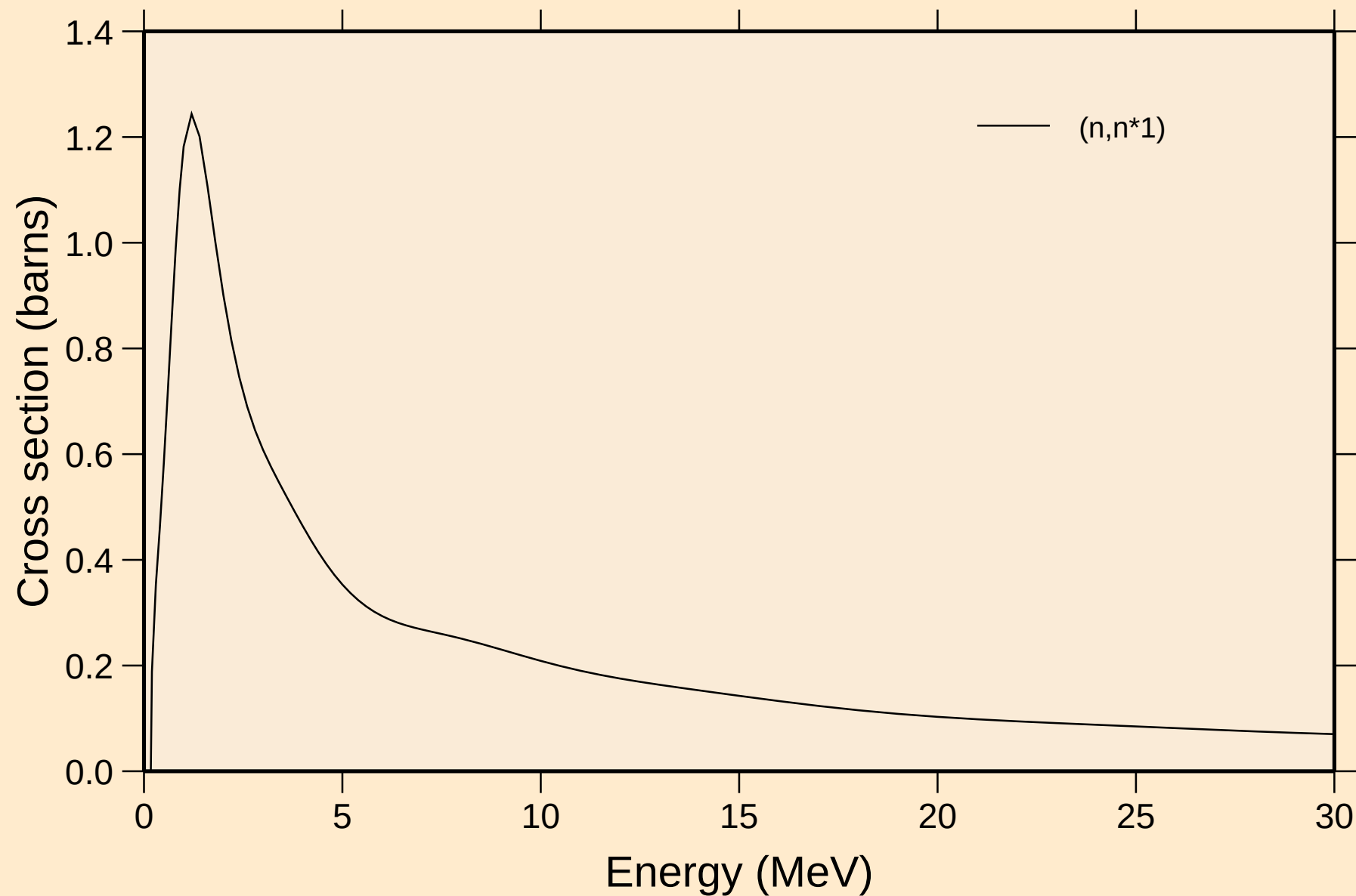


# N-PR152 NRG TENDL-2017, AKONING

Non-threshold reactions

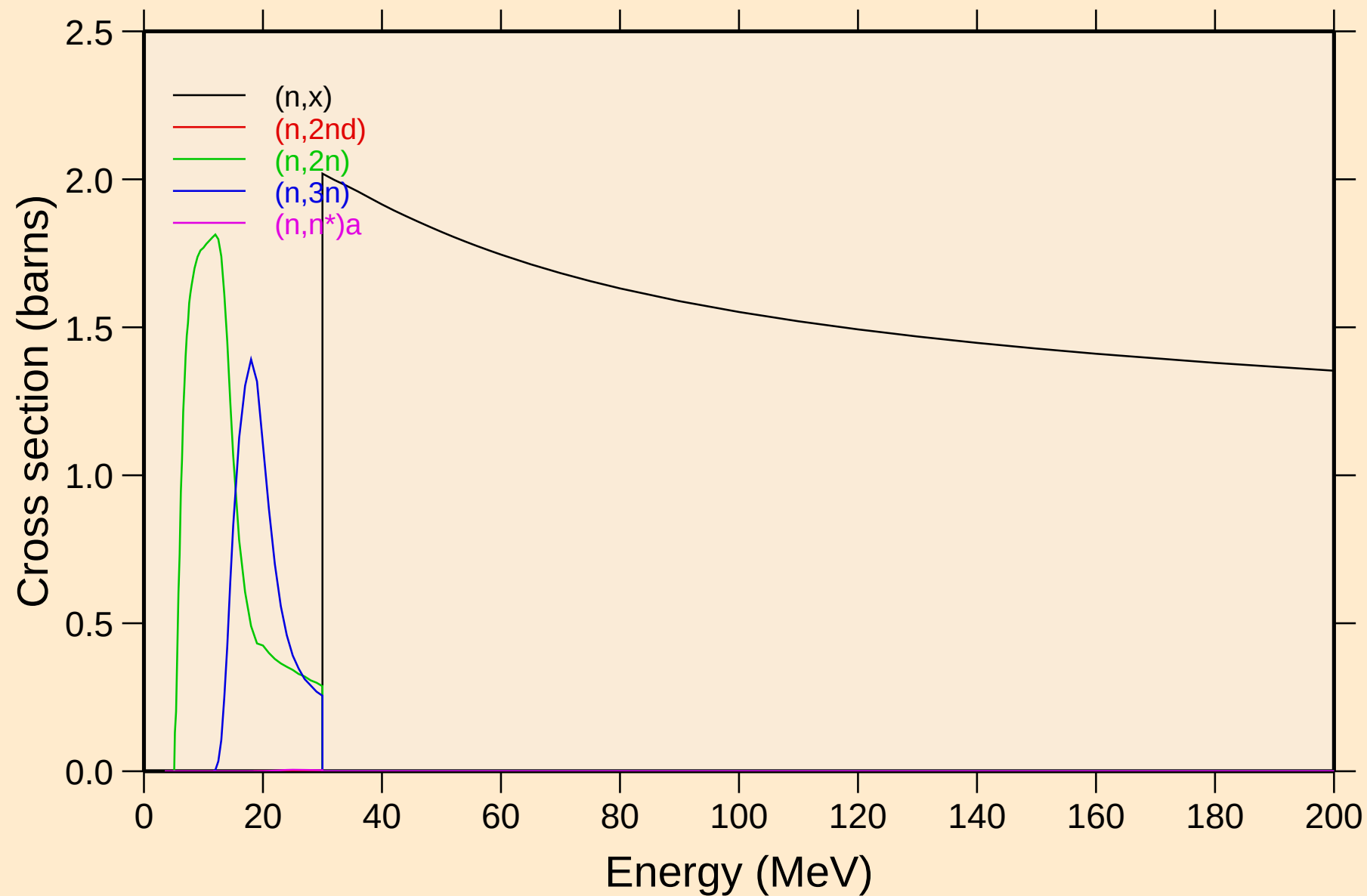


N-PR152 NRG TENDL-2017, AKONING  
Inelastic levels



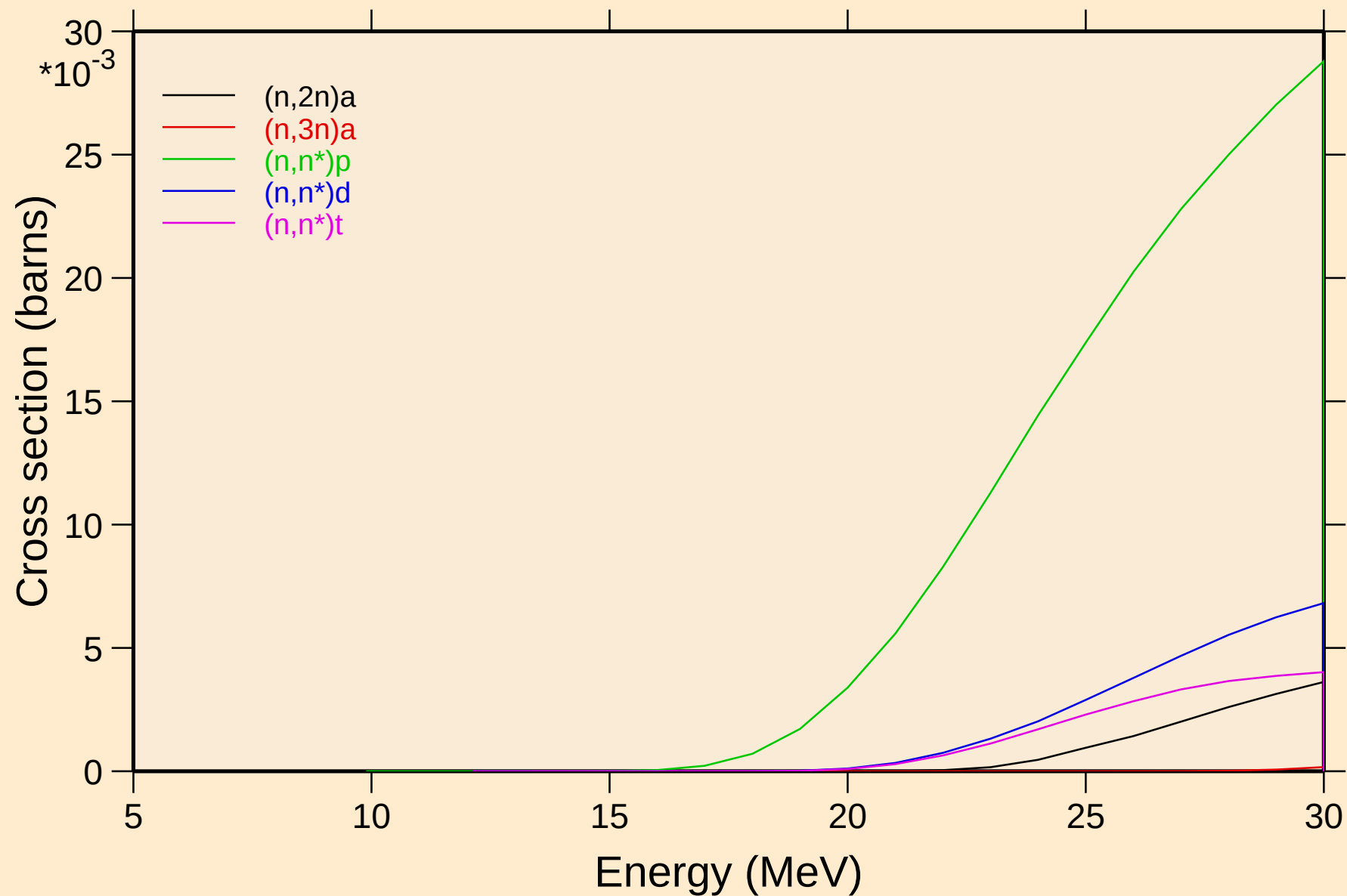
# N-PR152 NRG TENDL-2017, AKONING

## Threshold reactions



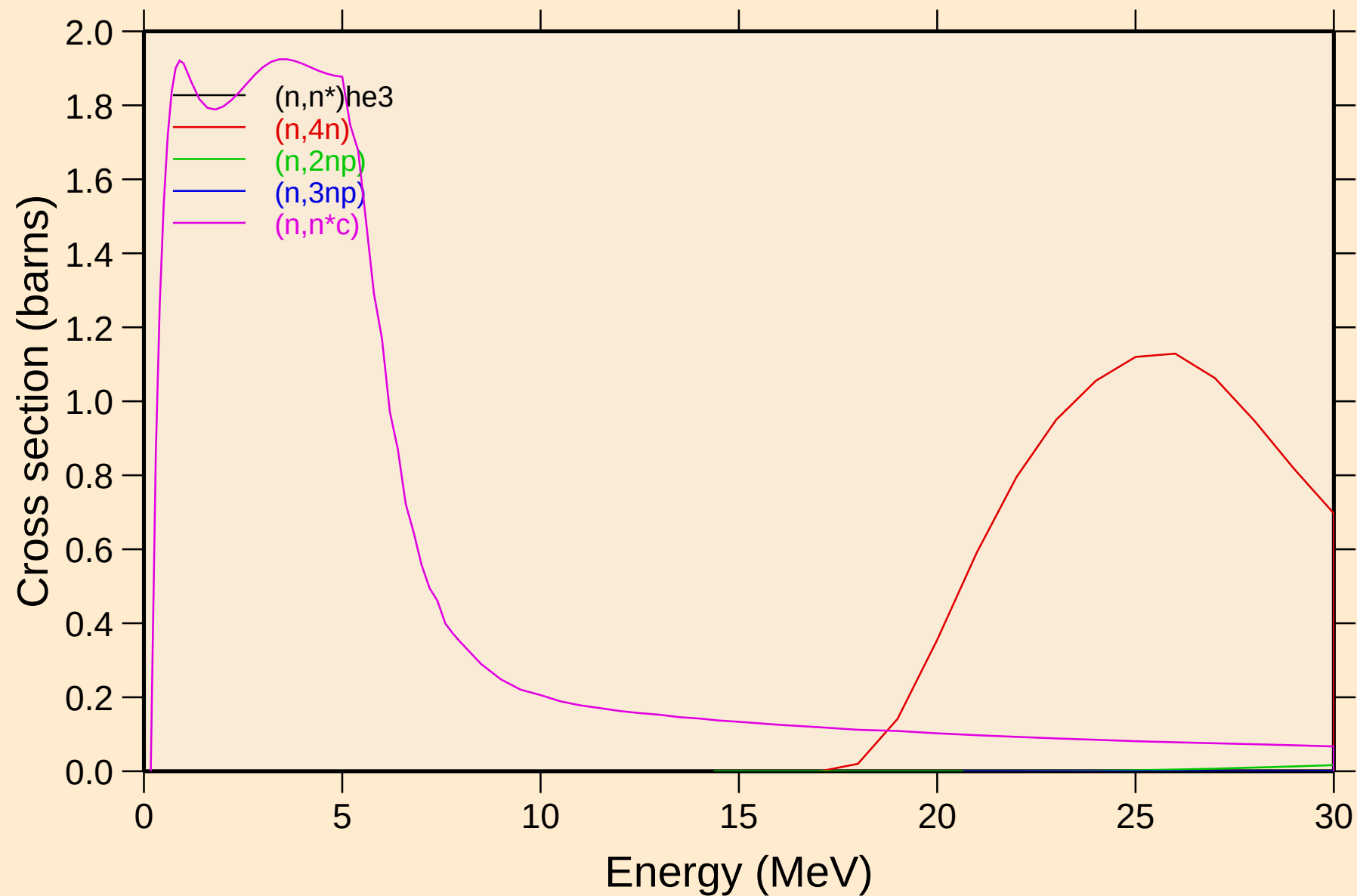
# N-PR152 NRG TENDL-2017, AKONING

## Threshold reactions



# N-PR152 NRG TENDL-2017, AKONING

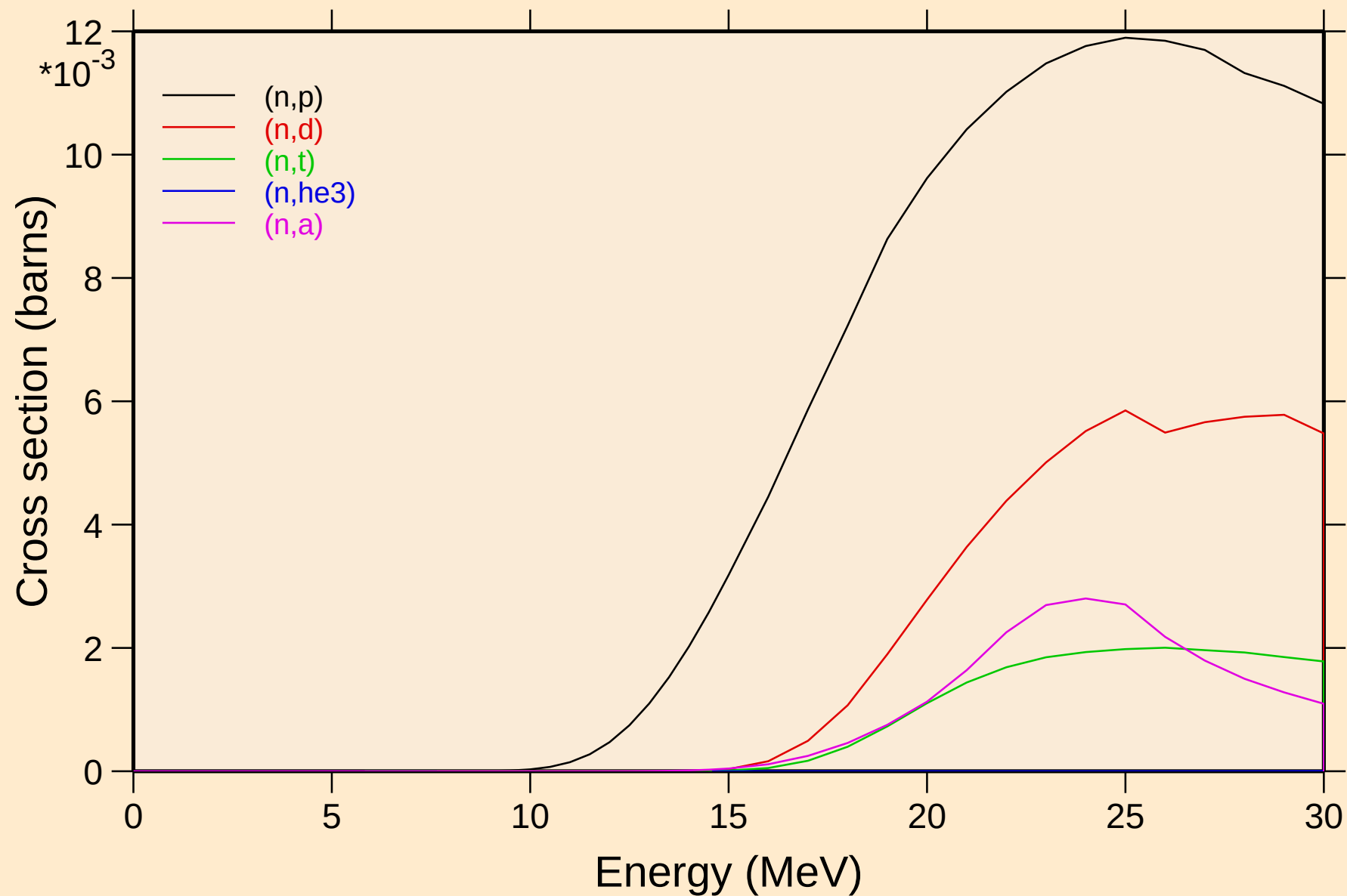
## Threshold reactions



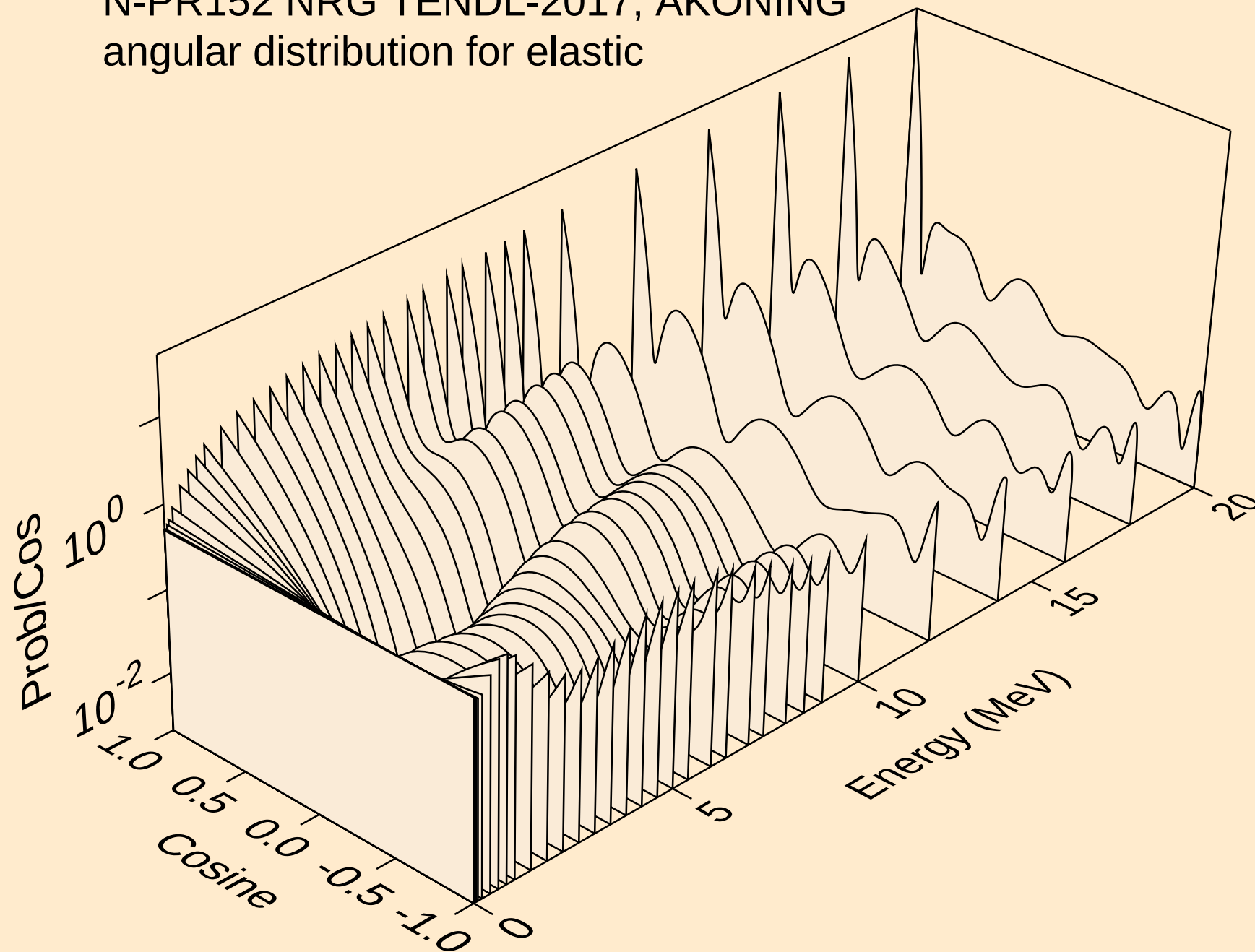


# N-PR152 NRG TENDL-2017, AKONING

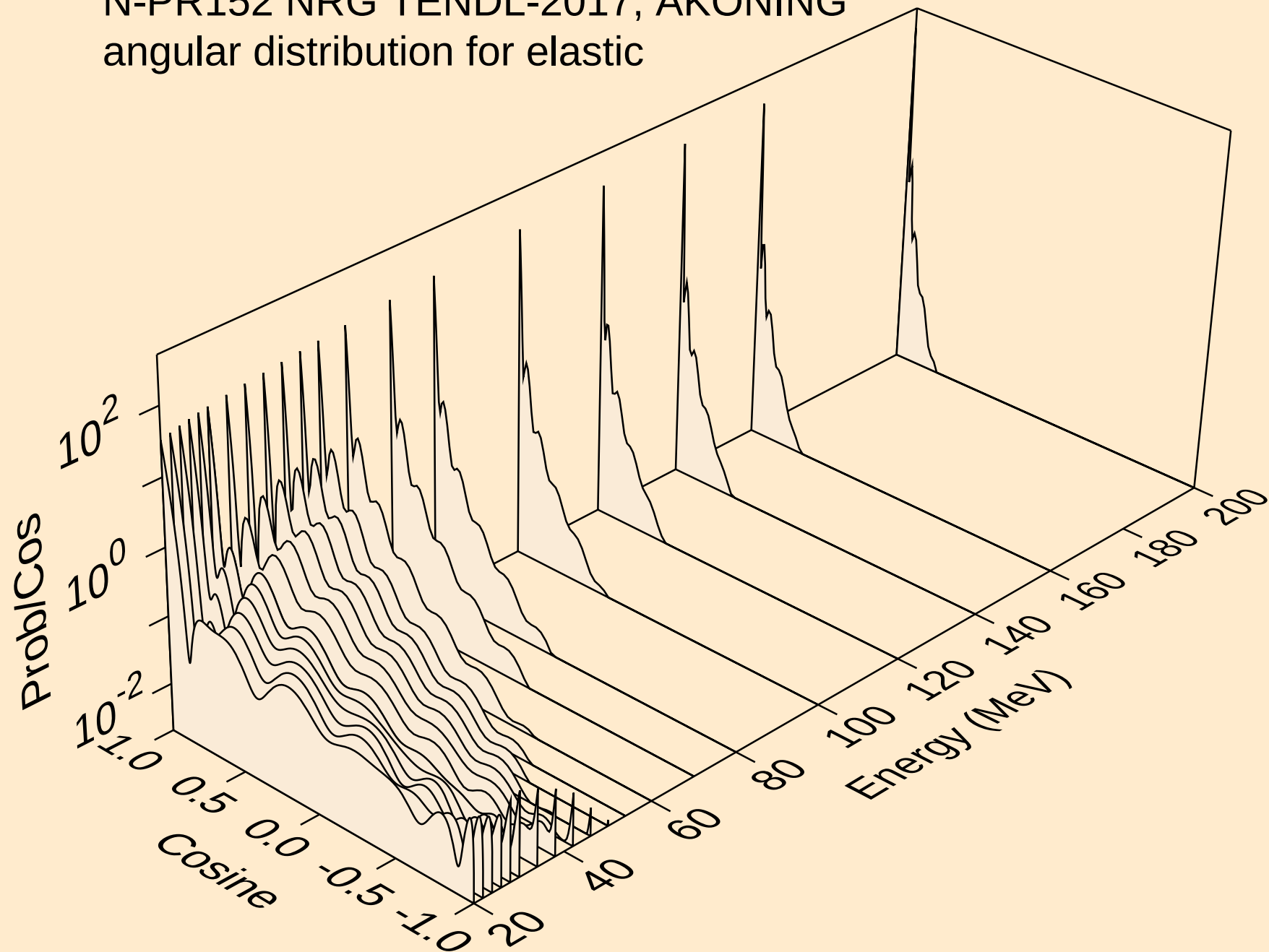
## Threshold reactions



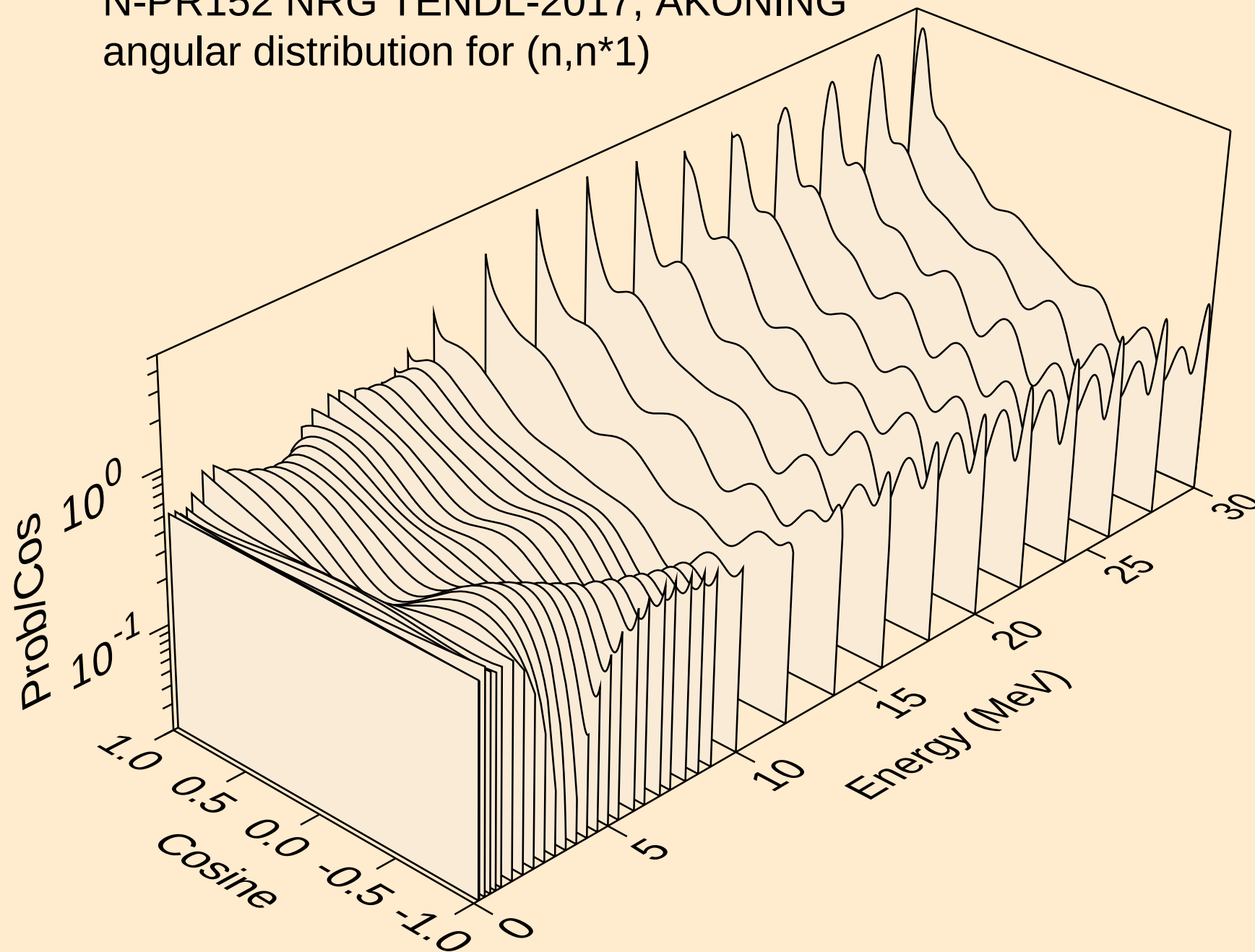
N-PR152 NRG TENDL-2017, AKONING  
angular distribution for elastic



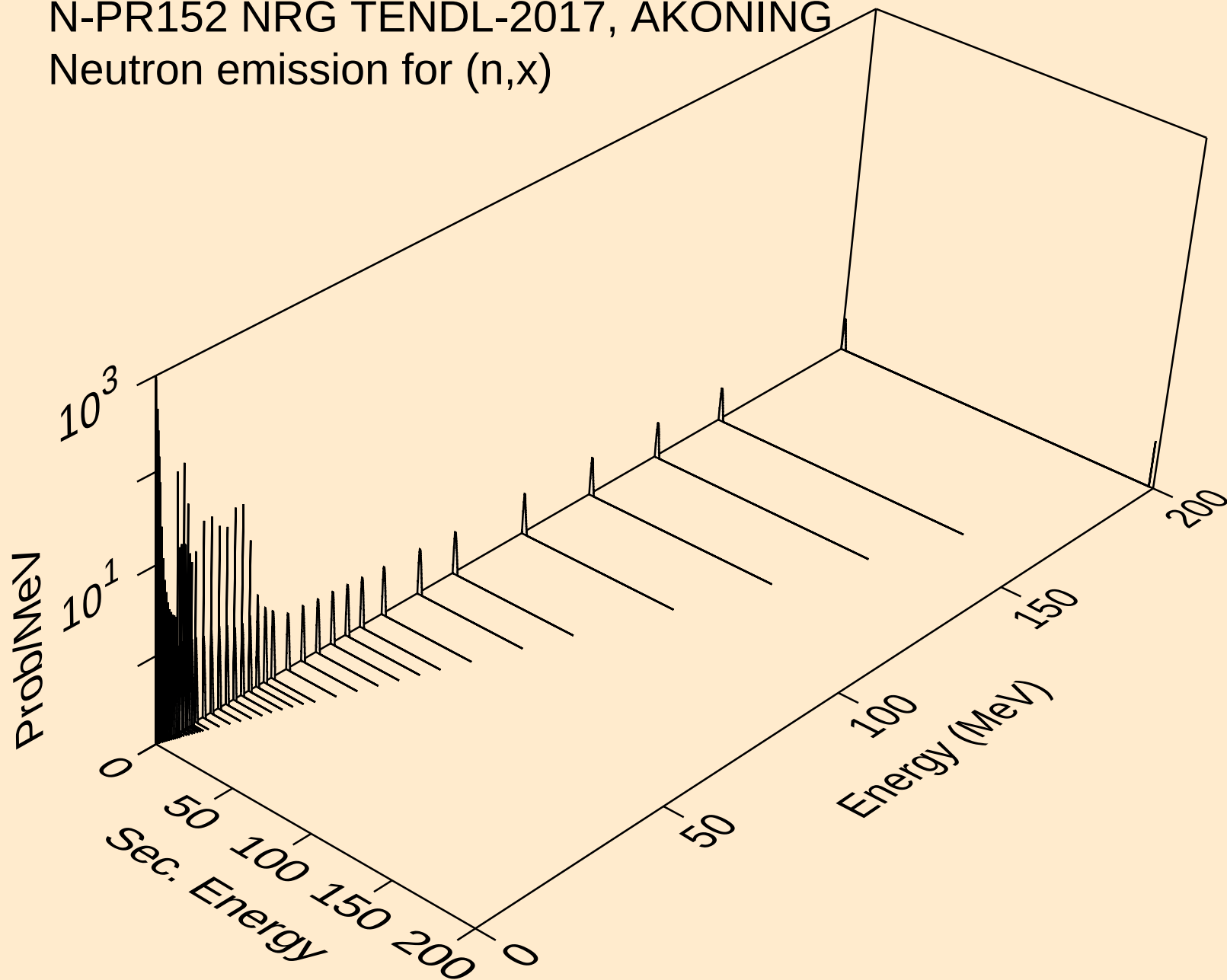
N-PR152 NRG TENDL-2017, AKONING  
angular distribution for elastic



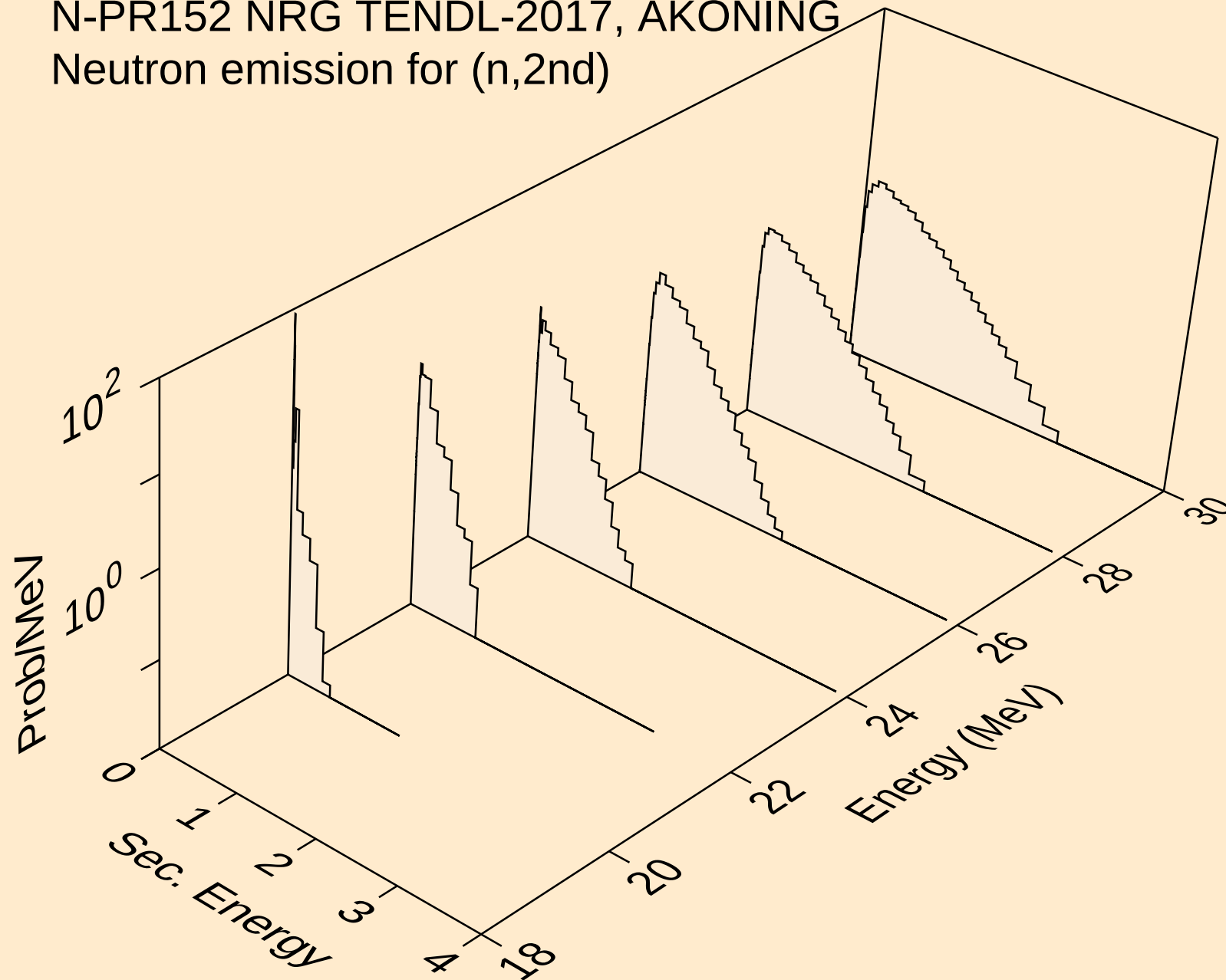
N-PR152 NRG TENDL-2017, AKONING  
angular distribution for (n,n\*1)



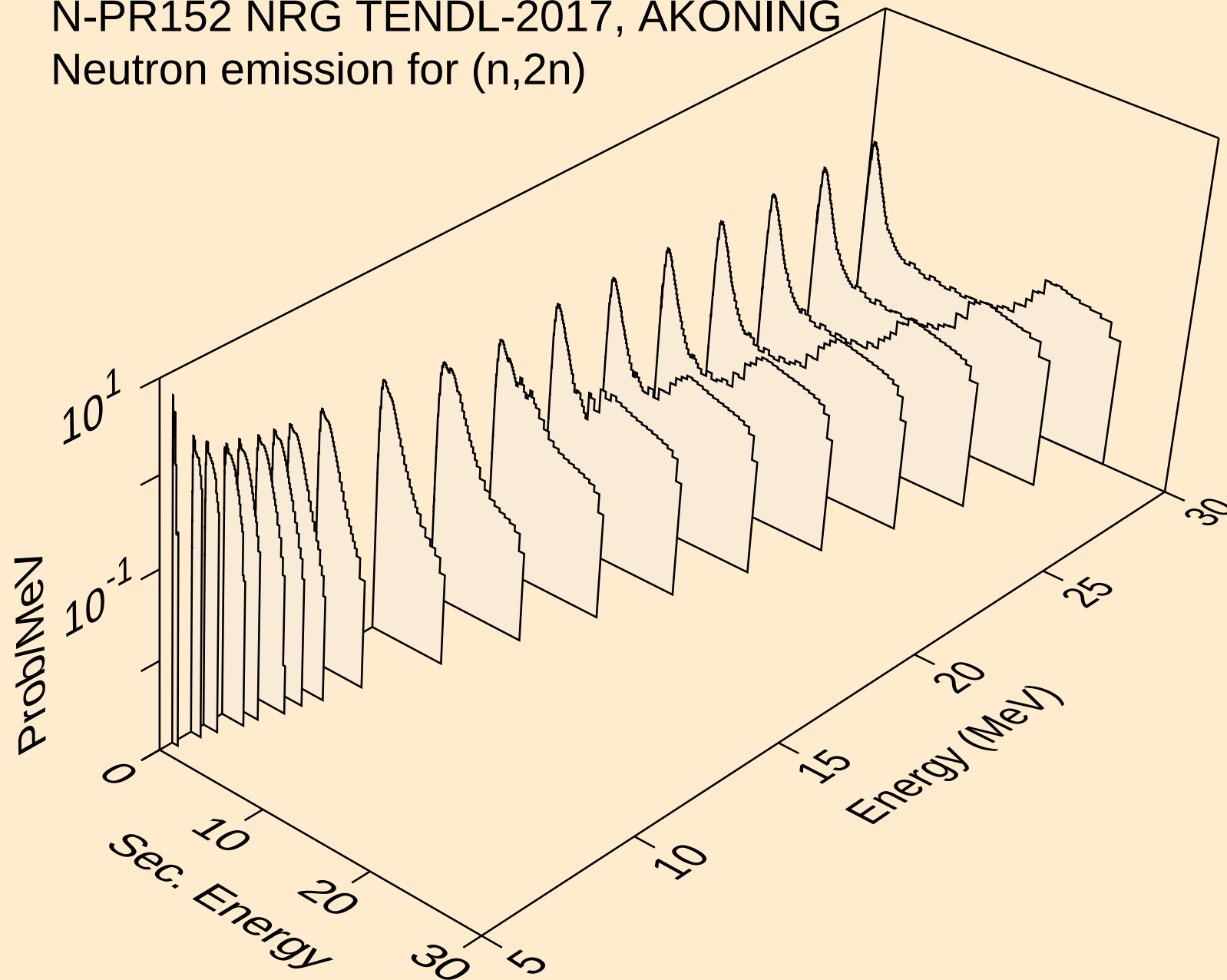
N-PR152 NRG TENDL-2017, AKONING  
Neutron emission for (n,x)



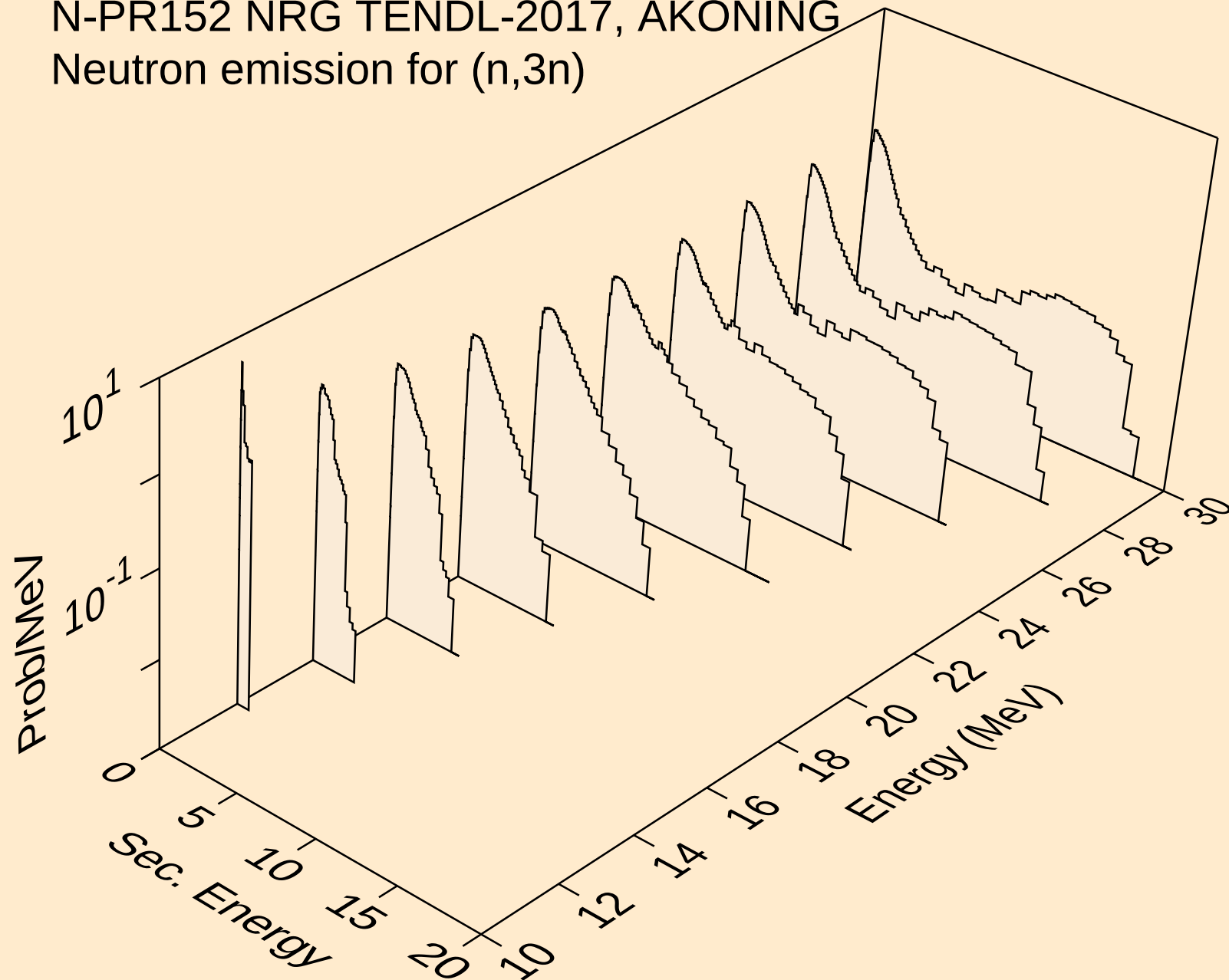
N-PR152 NRG TENDL-2017, AKONING  
Neutron emission for (n,2nd)



N-PR152 NRG TENDL-2017, AKONING  
Neutron emission for (n,2n)

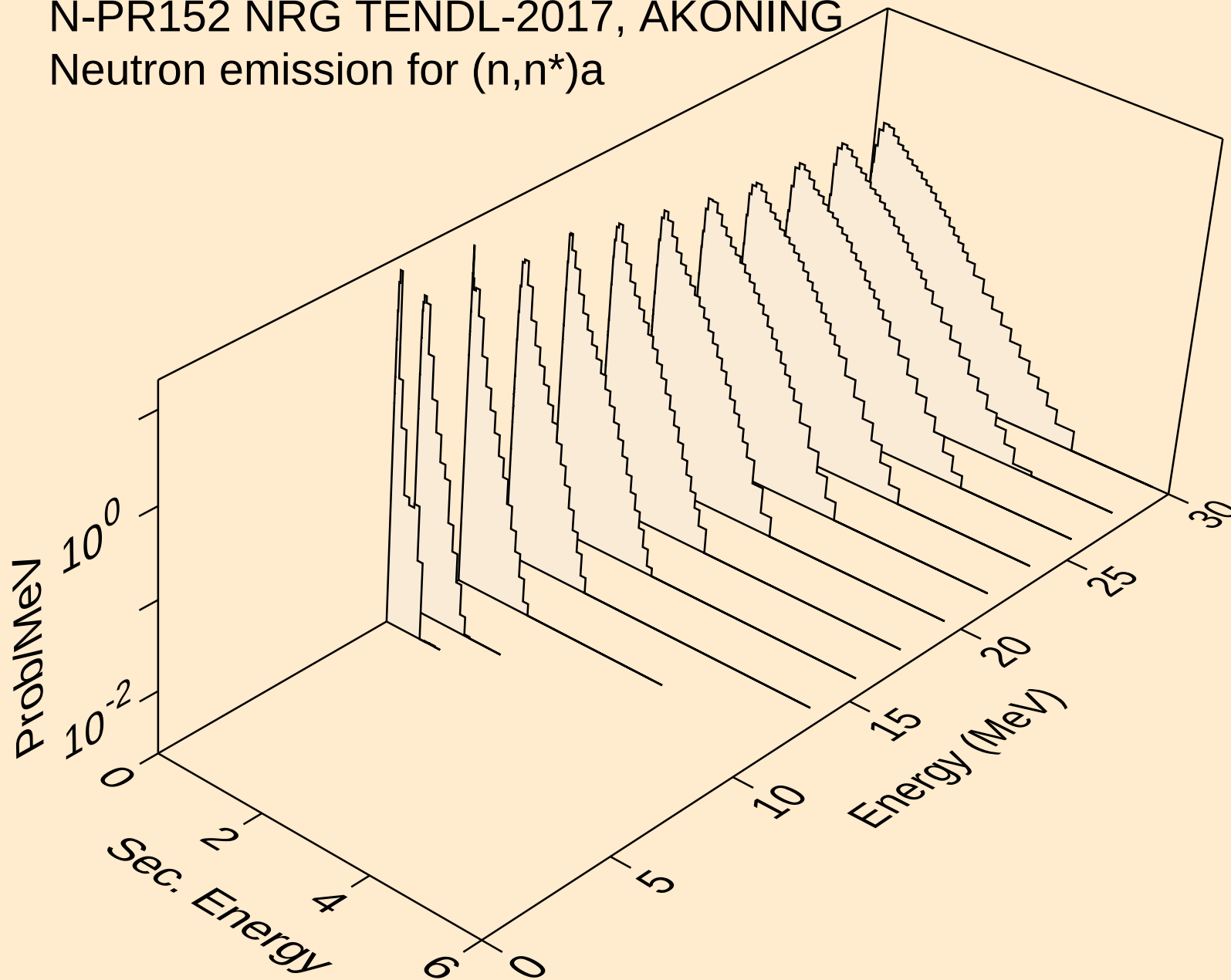


N-PR152 NRG TENDL-2017, AKONING  
Neutron emission for (n,3n)

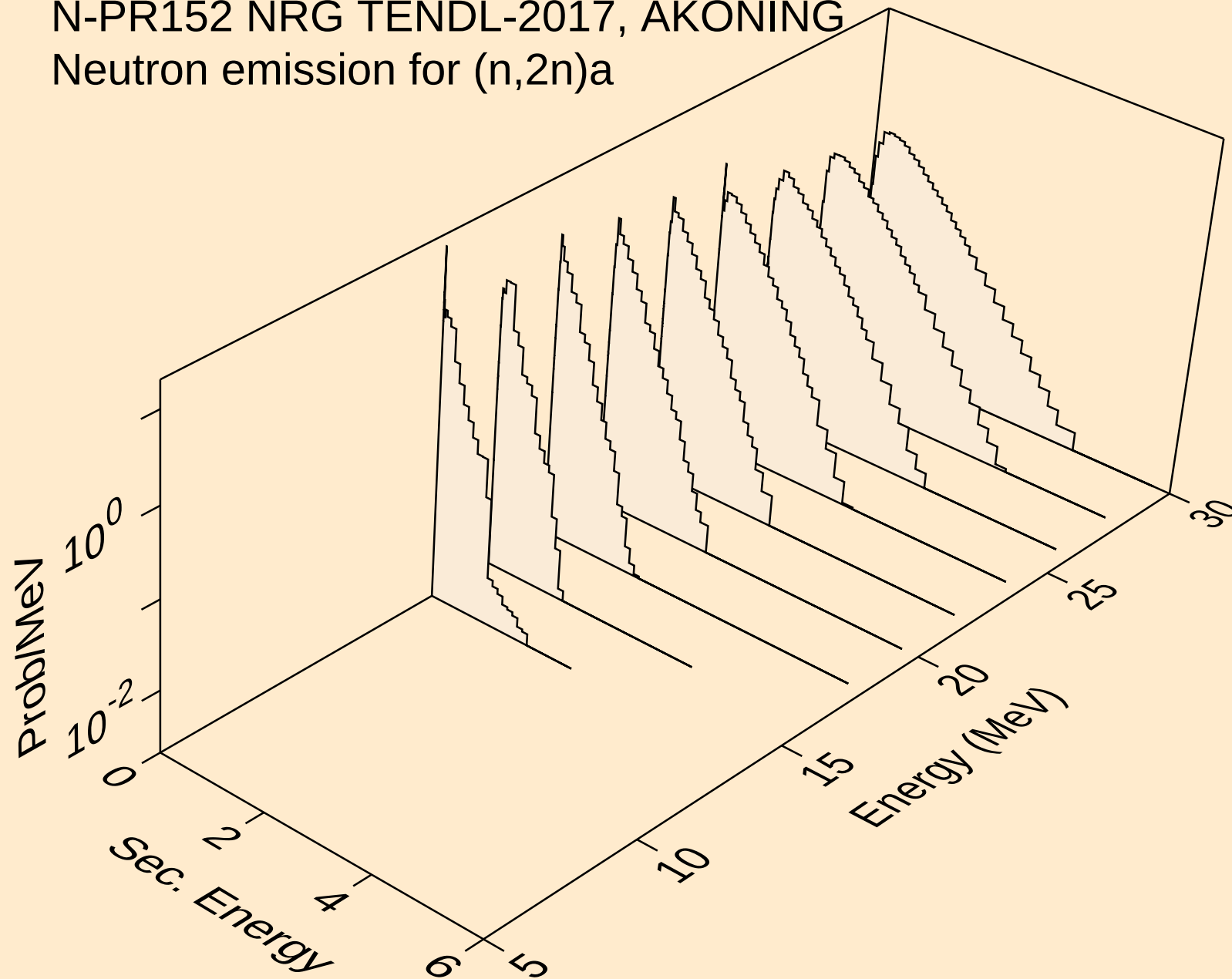




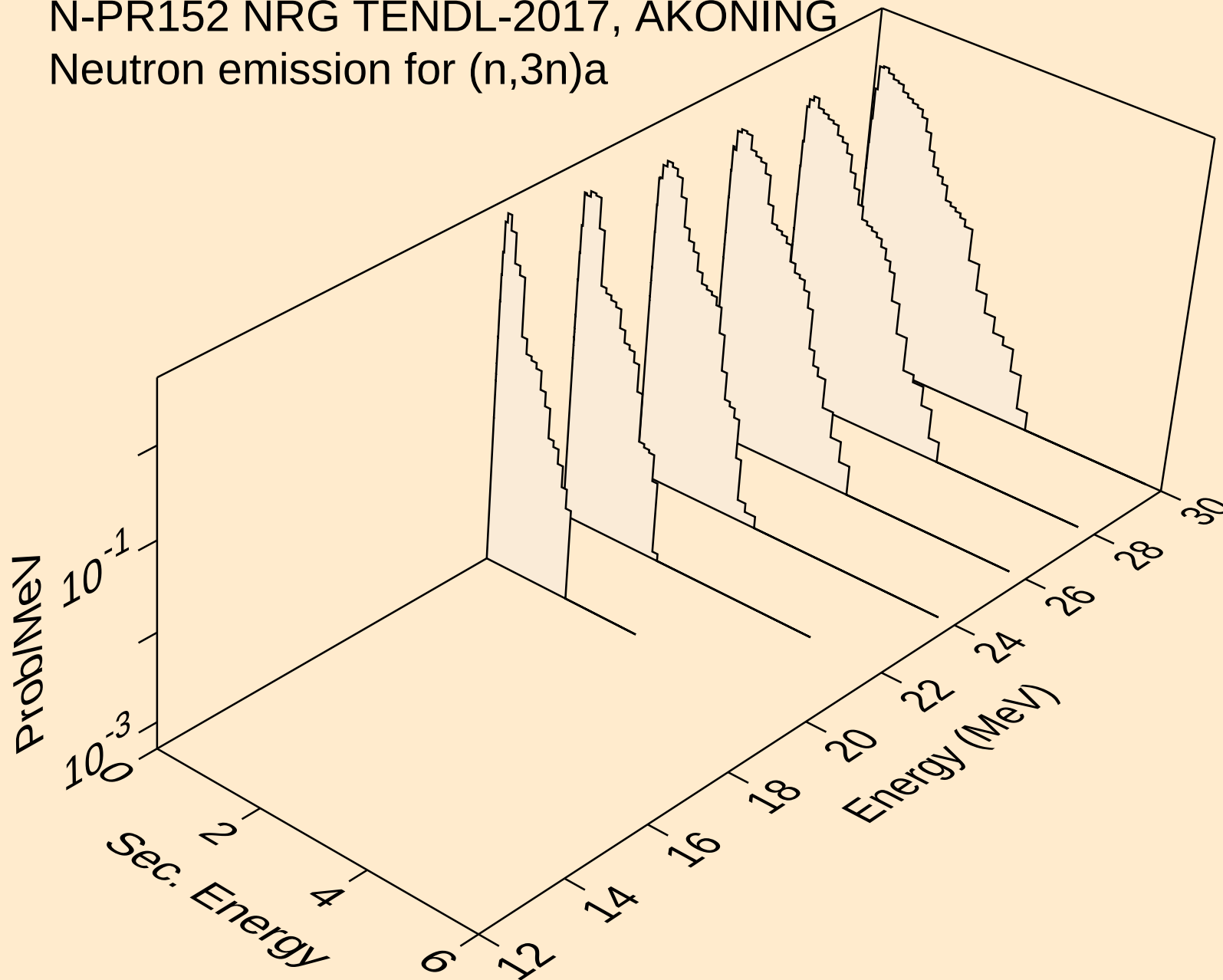
N-PR152 NRG TENDL-2017, AKONING  
Neutron emission for (n,n\*)a



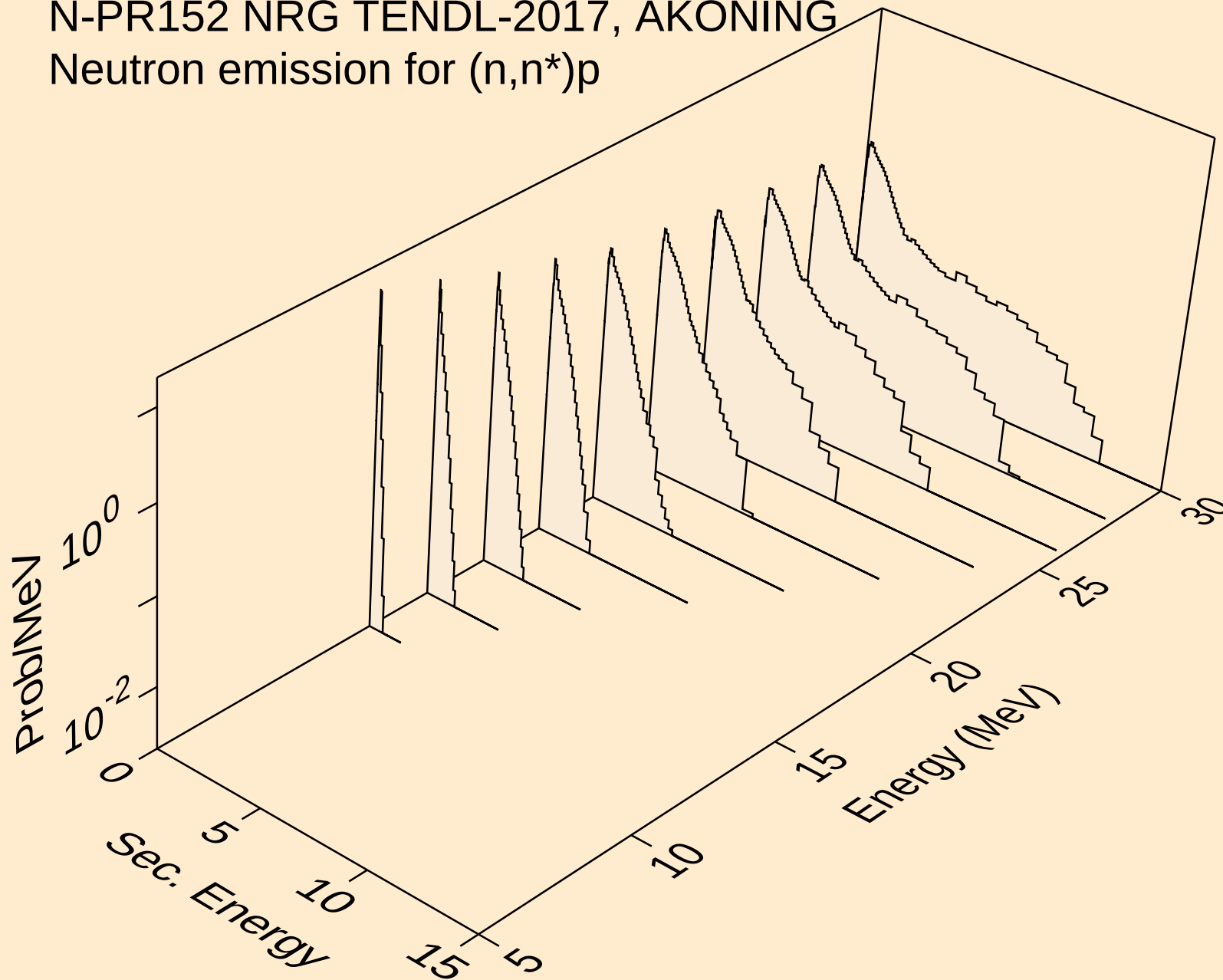
N-PR152 NRG TENDL-2017, AKONING  
Neutron emission for (n,2n)<sub>a</sub>



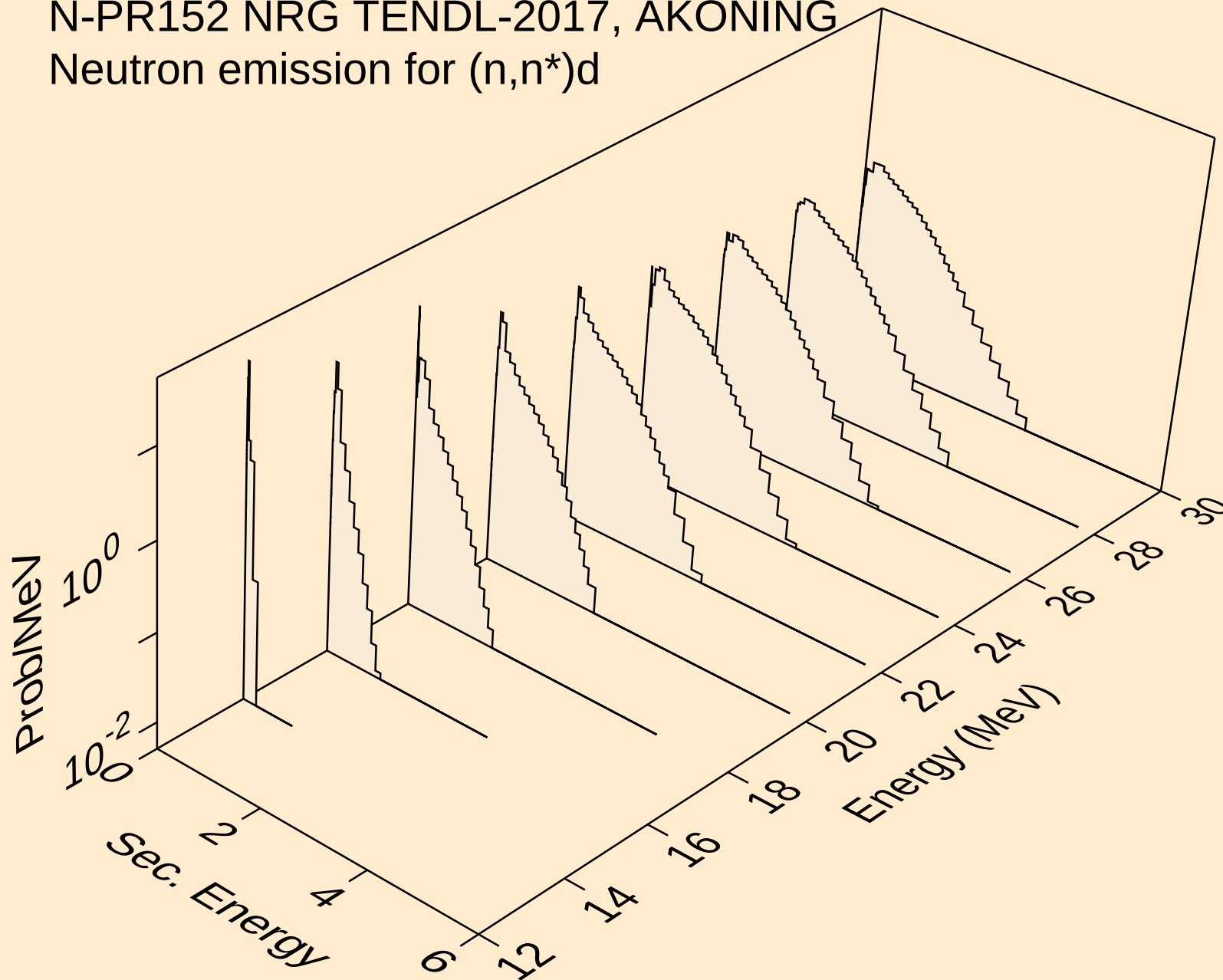
N-PR152 NRG TENDL-2017, AKONING  
Neutron emission for (n,3n)a



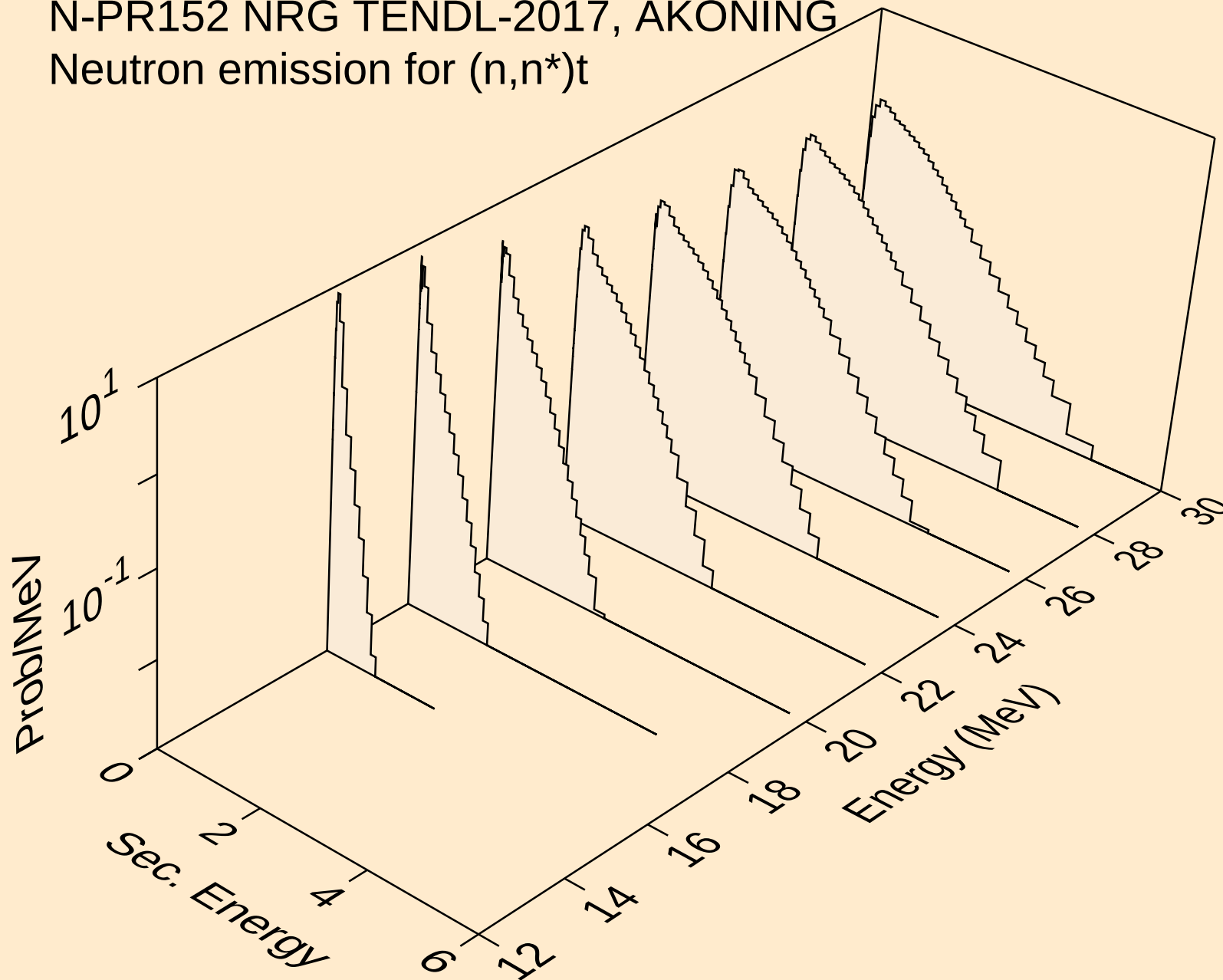
N-PR152 NRG TENDL-2017, AKONING  
Neutron emission for  $(n,n^*)p$



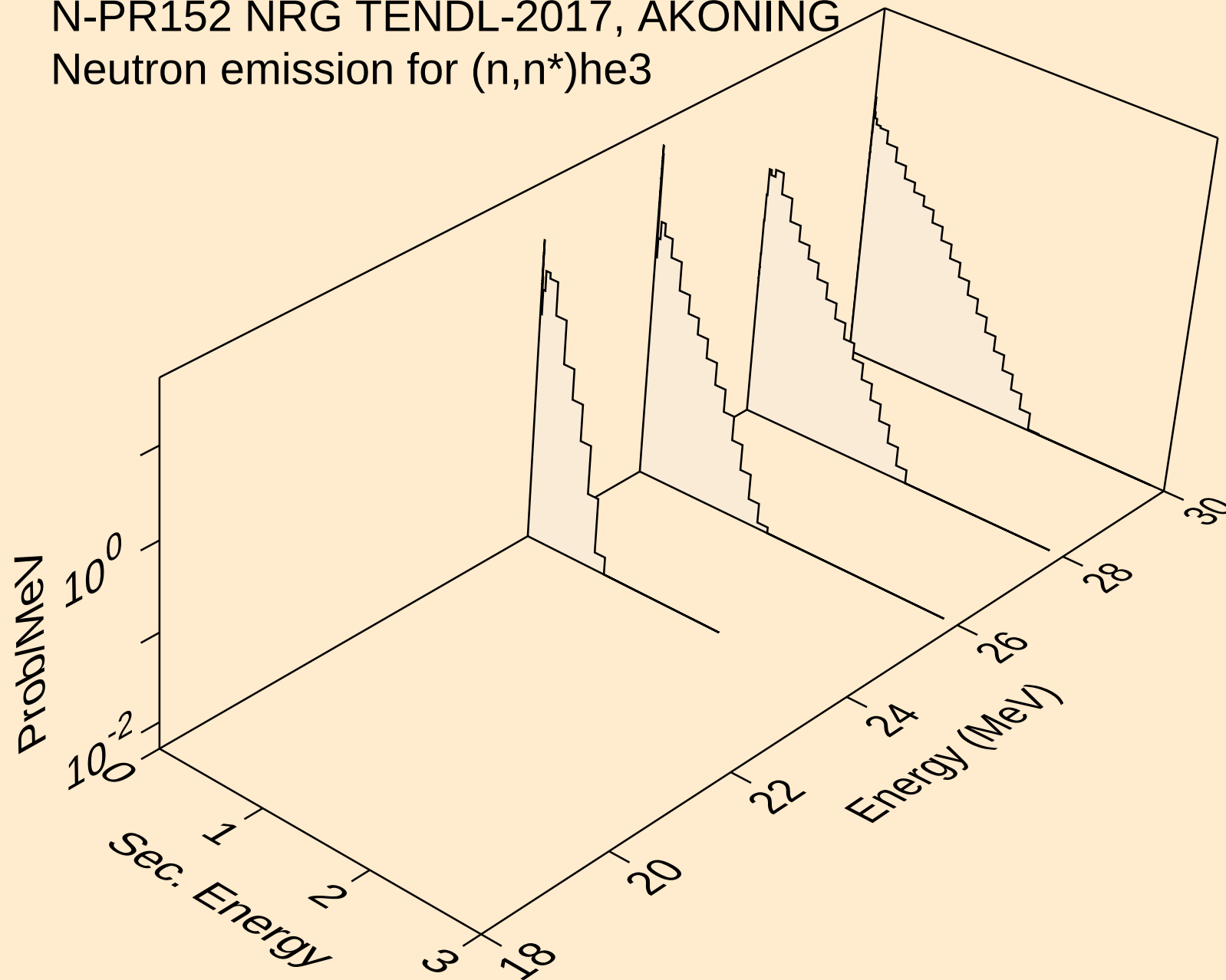
N-PR152 NRG TENDL-2017, AKONING  
Neutron emission for (n,n\*)d



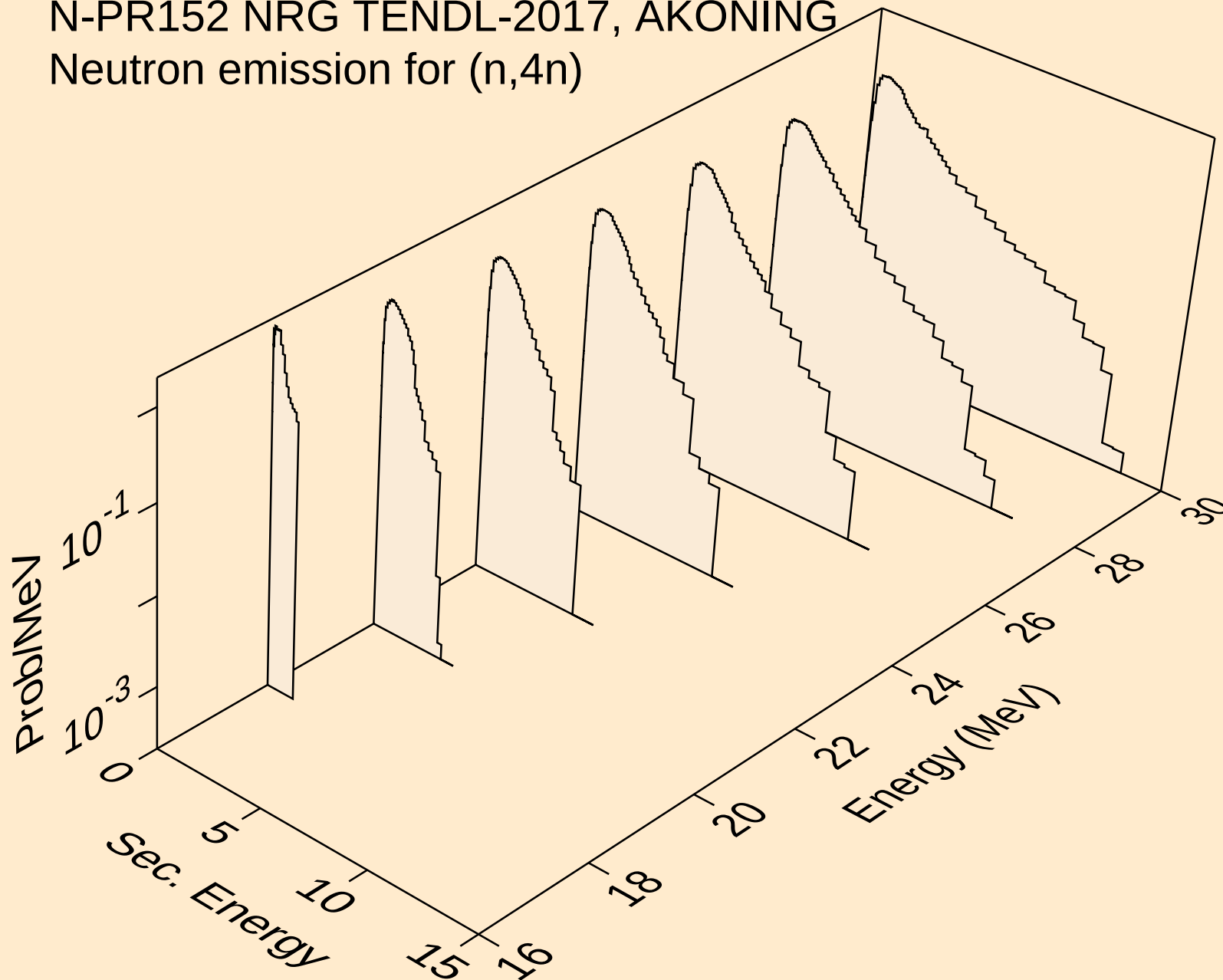
N-PR152 NRG TENDL-2017, AKONING  
Neutron emission for (n,n\*)t



N-PR152 NRG TENDL-2017, AKONING  
Neutron emission for (n,n\*)he3

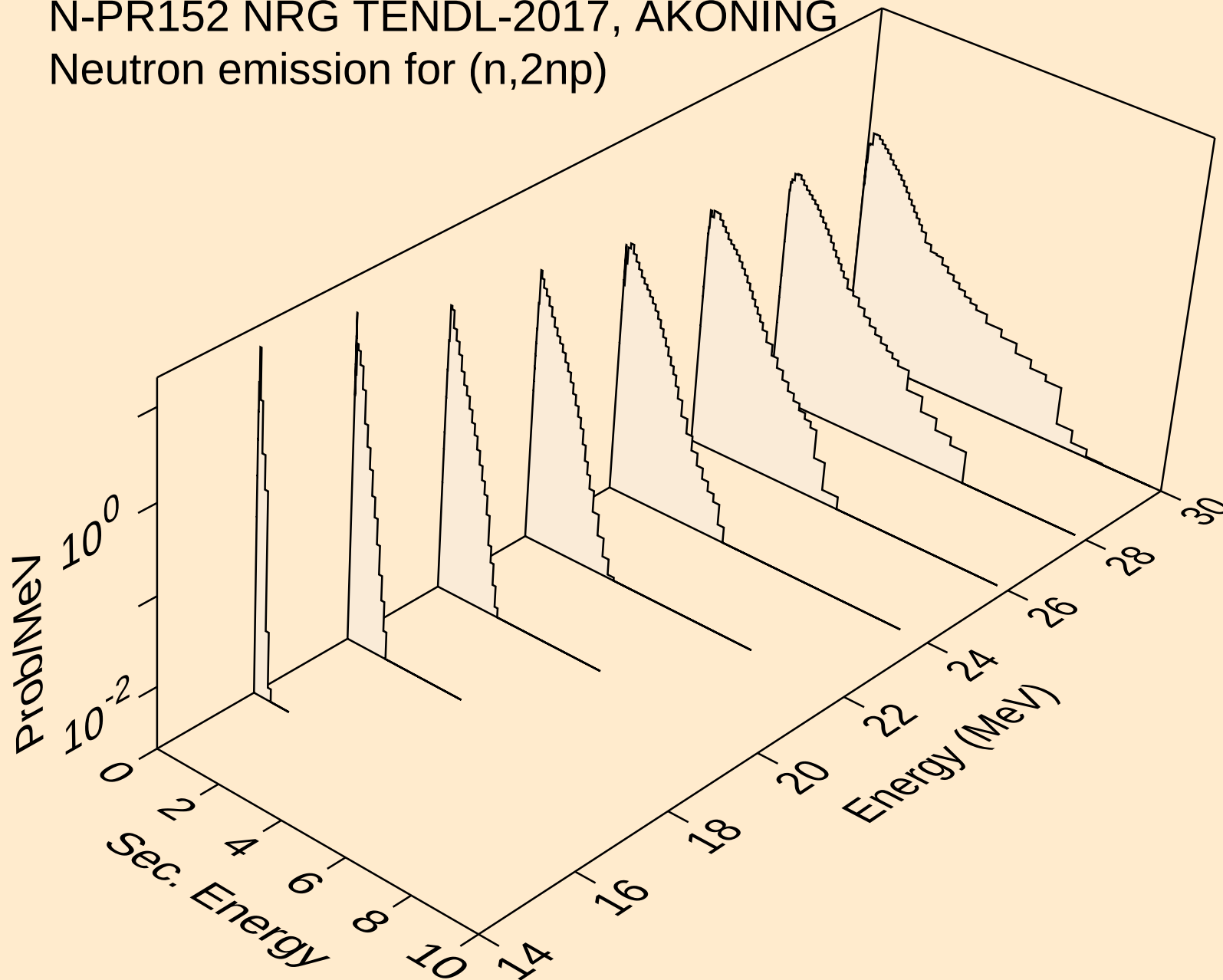


N-PR152 NRG TENDL-2017, AKONING  
Neutron emission for (n,4n)

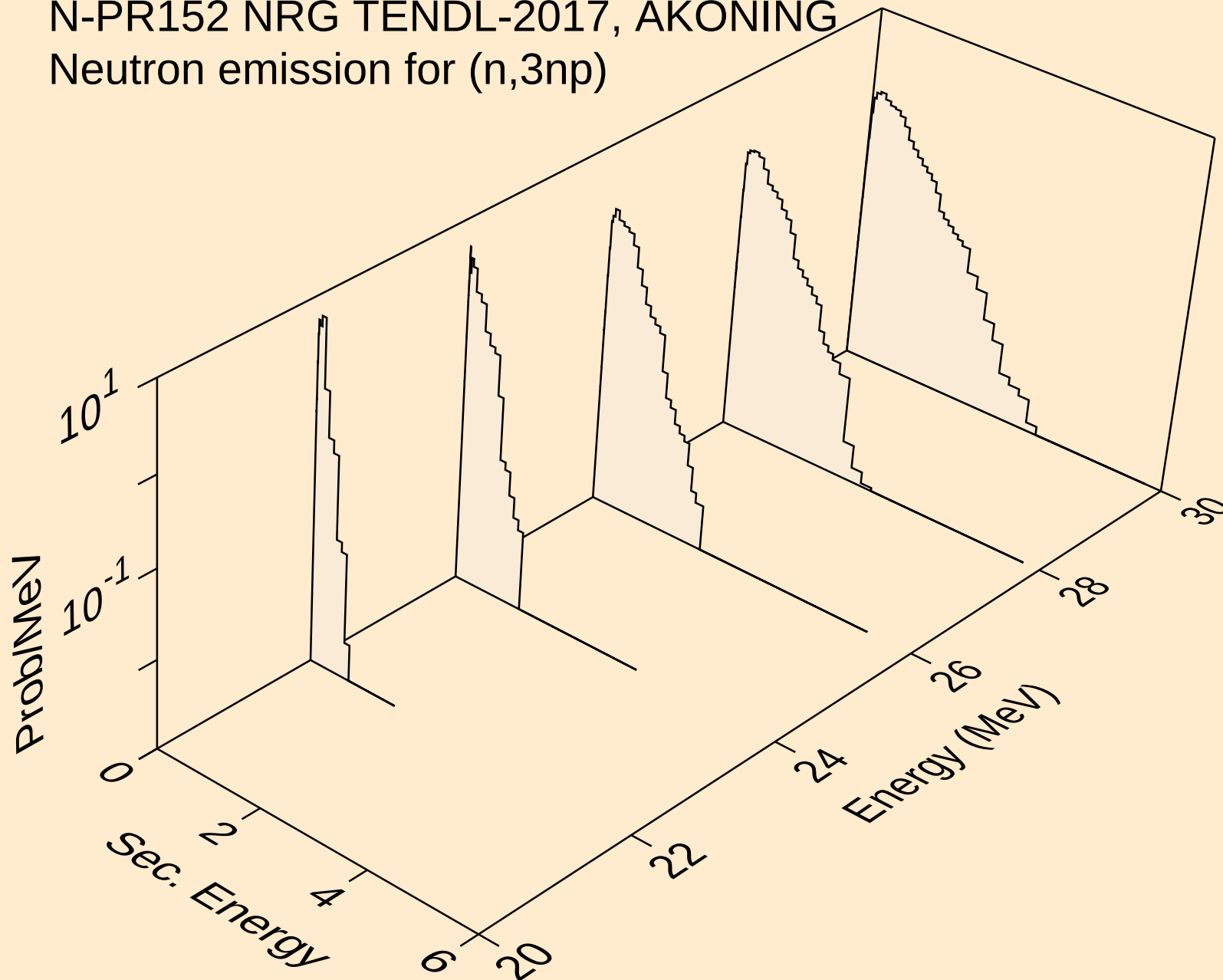




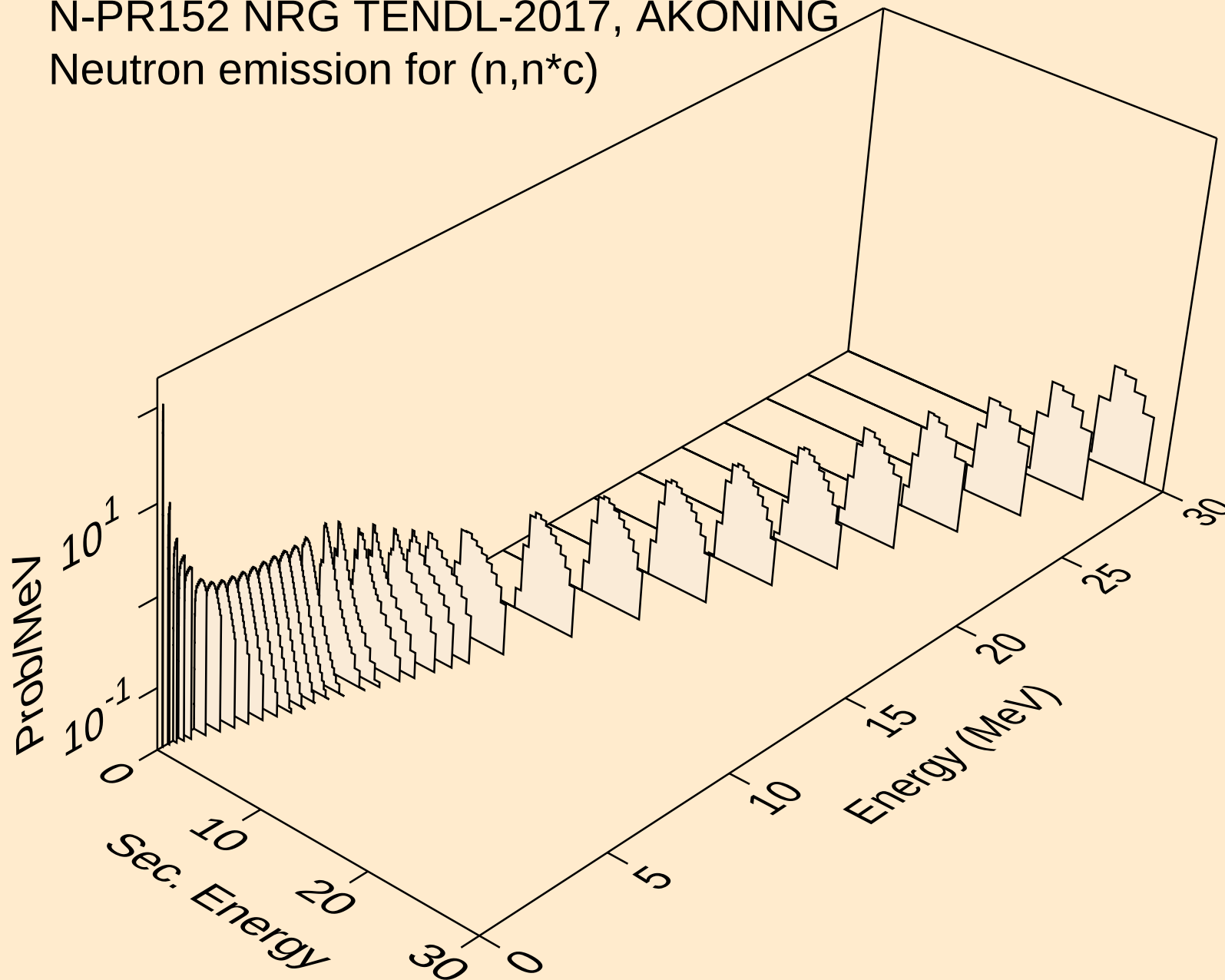
N-PR152 NRG TENDL-2017, AKONING  
Neutron emission for (n,2np)



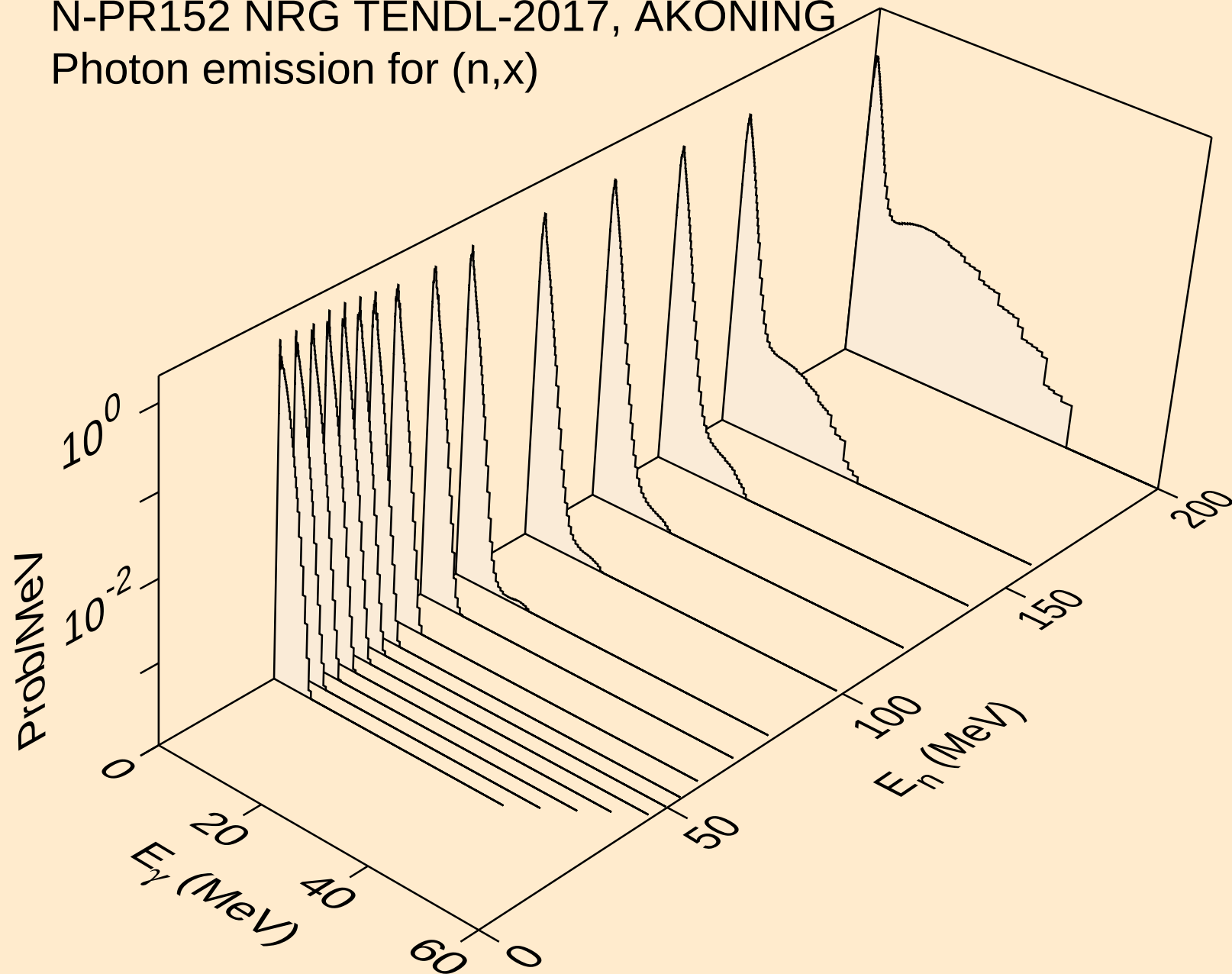
N-PR152 NRG TENDL-2017, AKONING  
Neutron emission for (n,3np)



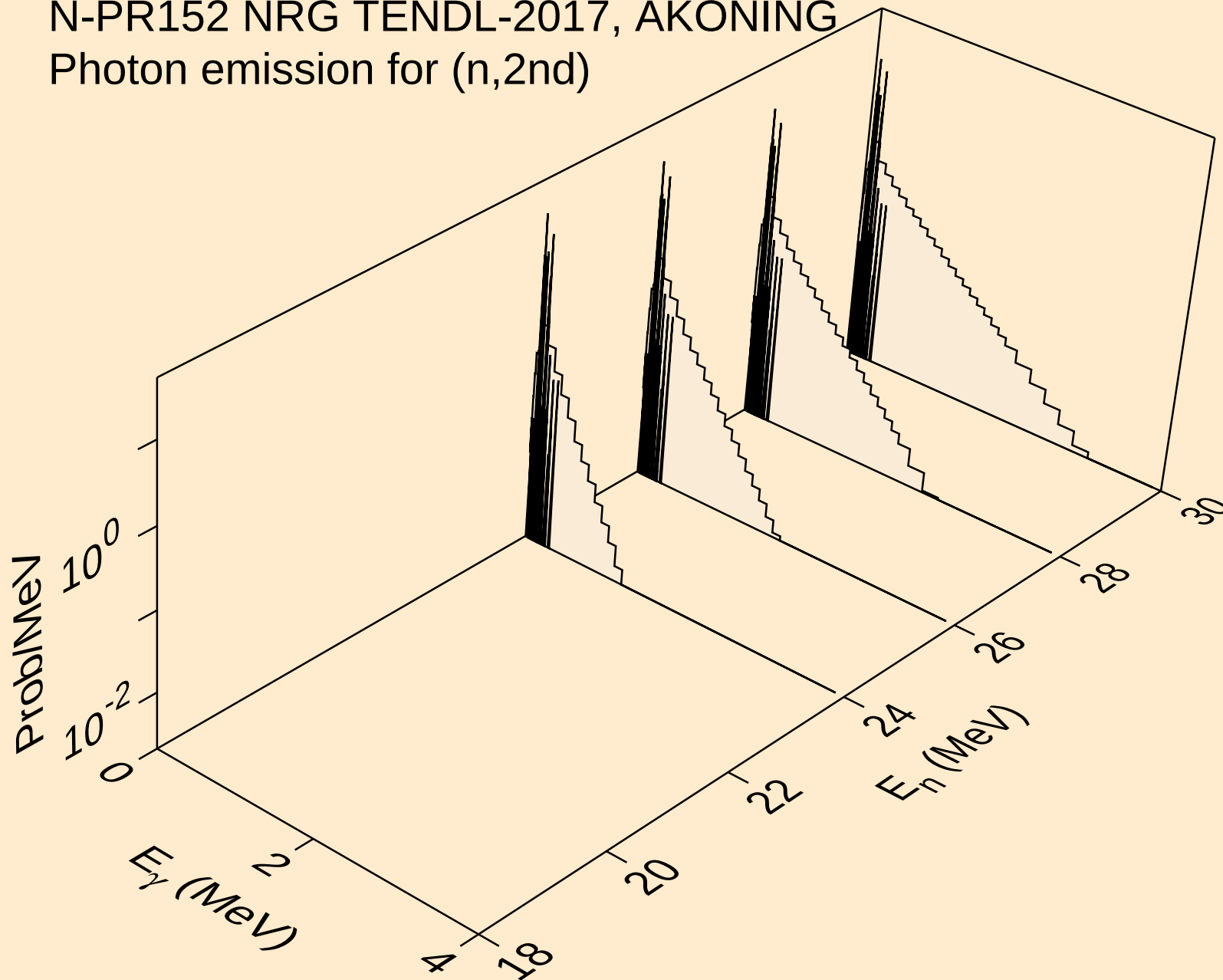
N-PR152 NRG TENDL-2017, AKONING  
Neutron emission for (n,n\*c)



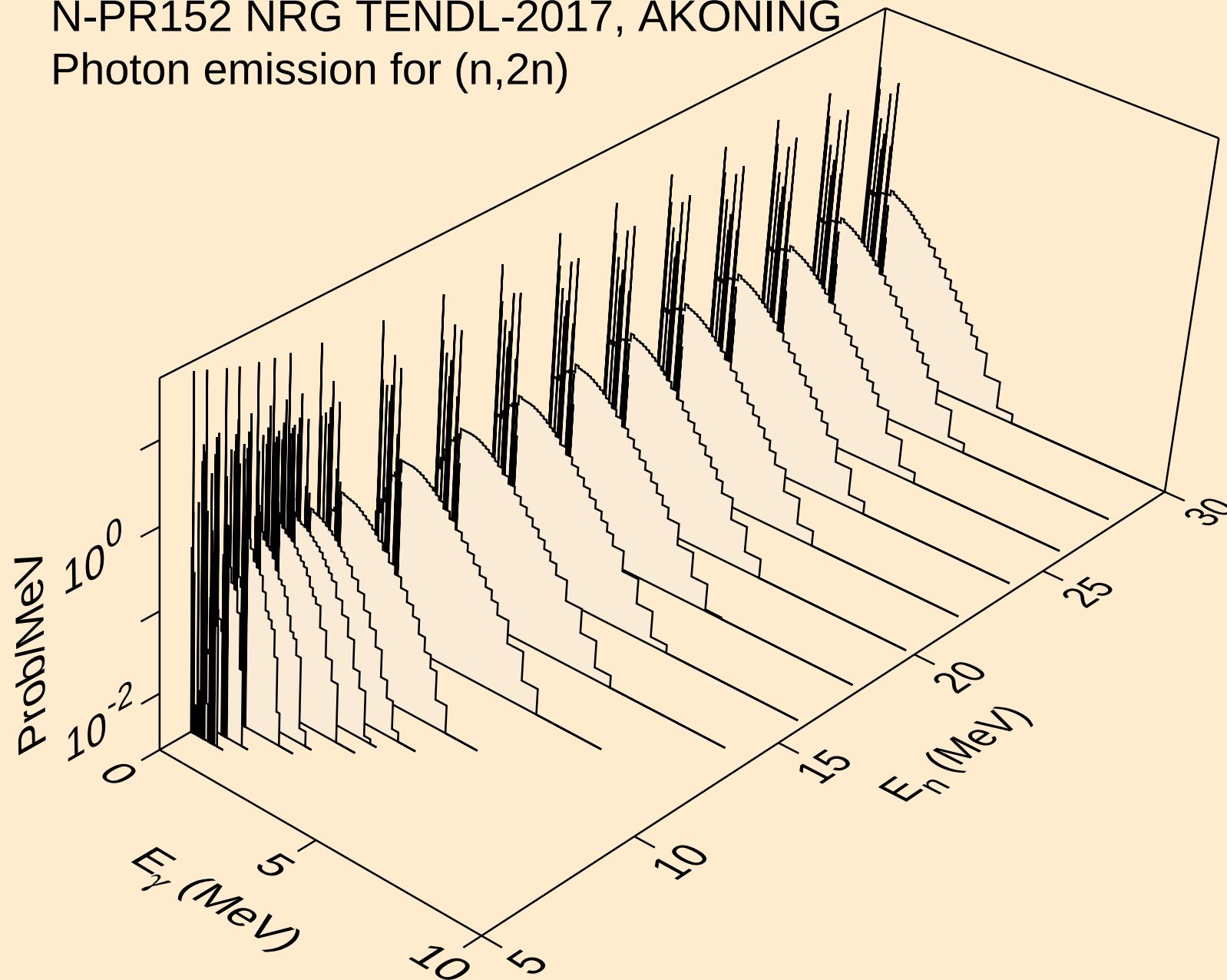
N-PR152 NRG TENDL-2017, AKONING  
Photon emission for (n,x)



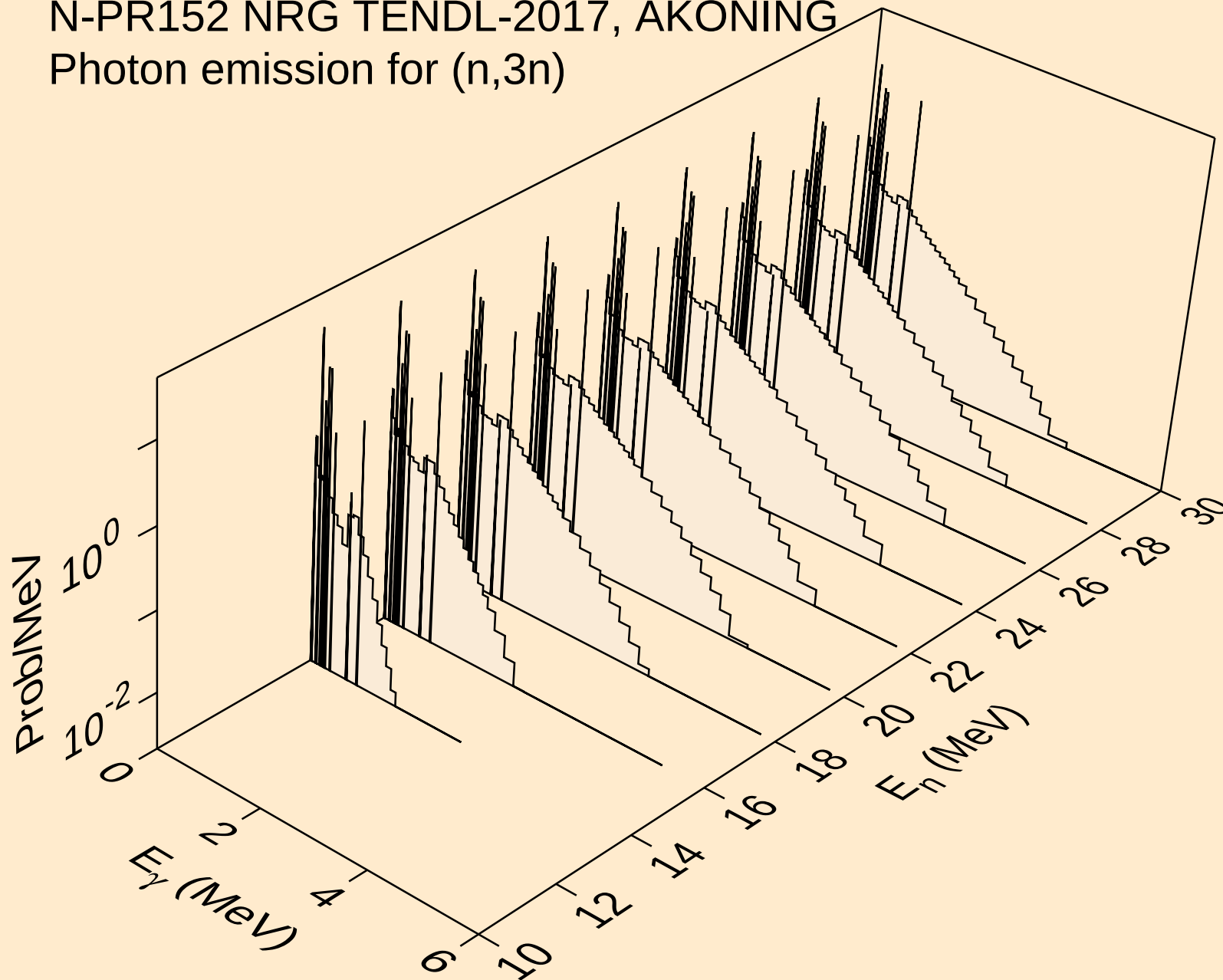
N-PR152 NRG TENDL-2017, AKONING  
Photon emission for (n,2nd)



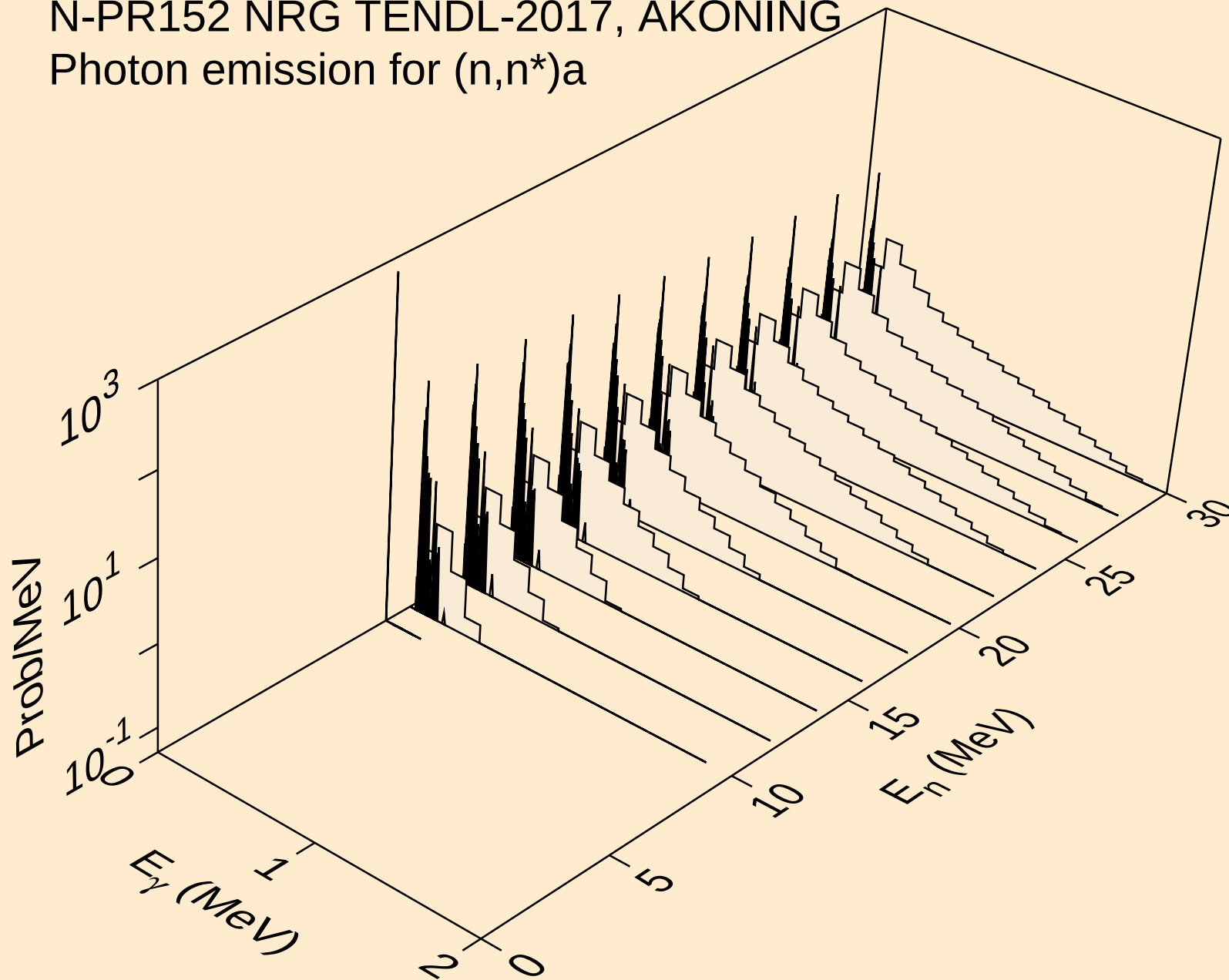
N-PR152 NRG TENDL-2017, AKONING  
Photon emission for (n,2n)



N-PR152 NRG TENDL-2017, AKONING  
Photon emission for (n,3n)

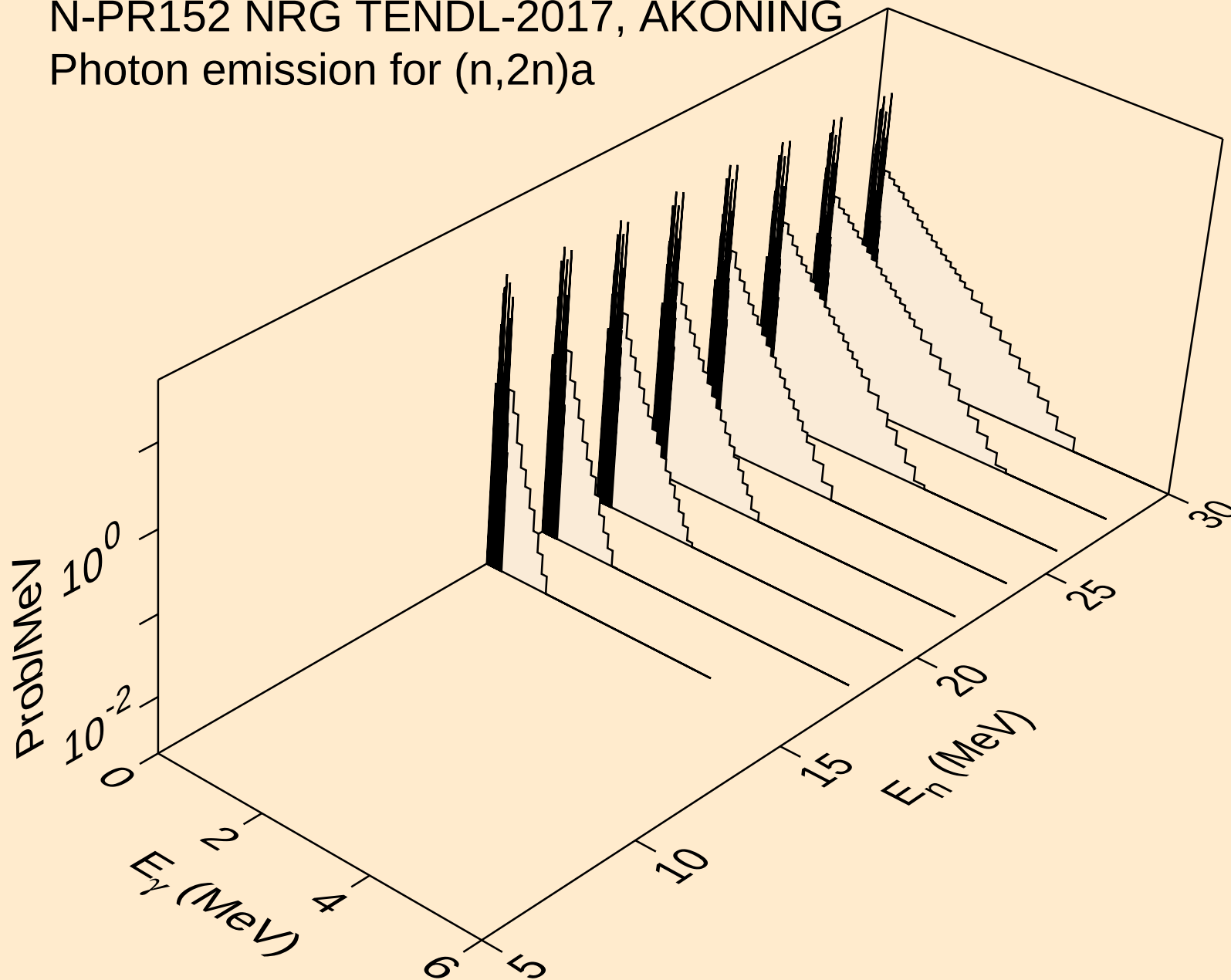


N-PR152 NRG TENDL-2017, AKONING  
Photon emission for (n,n\*)a



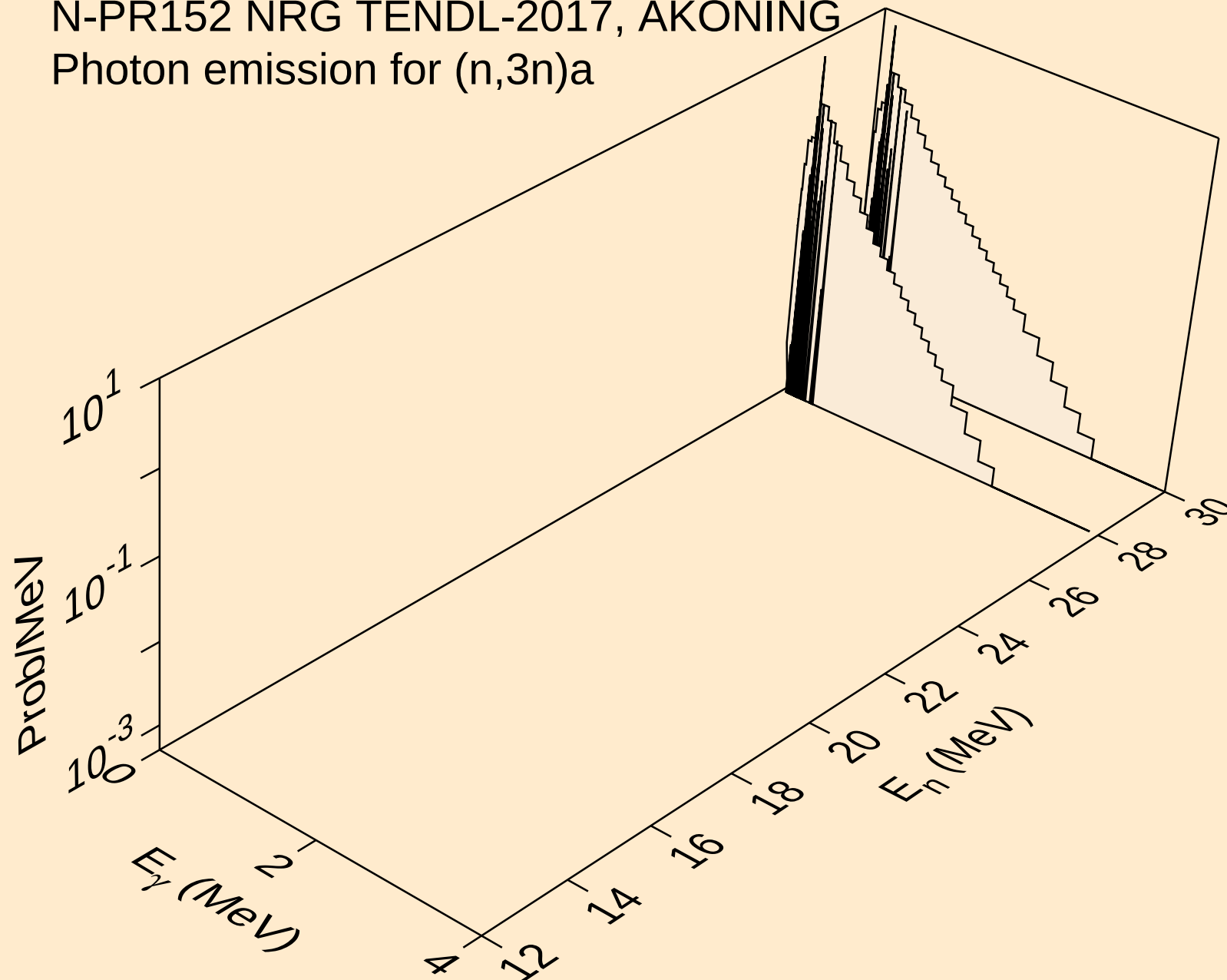


N-PR152 NRG TENDL-2017, AKONING  
Photon emission for (n,2n) $\alpha$

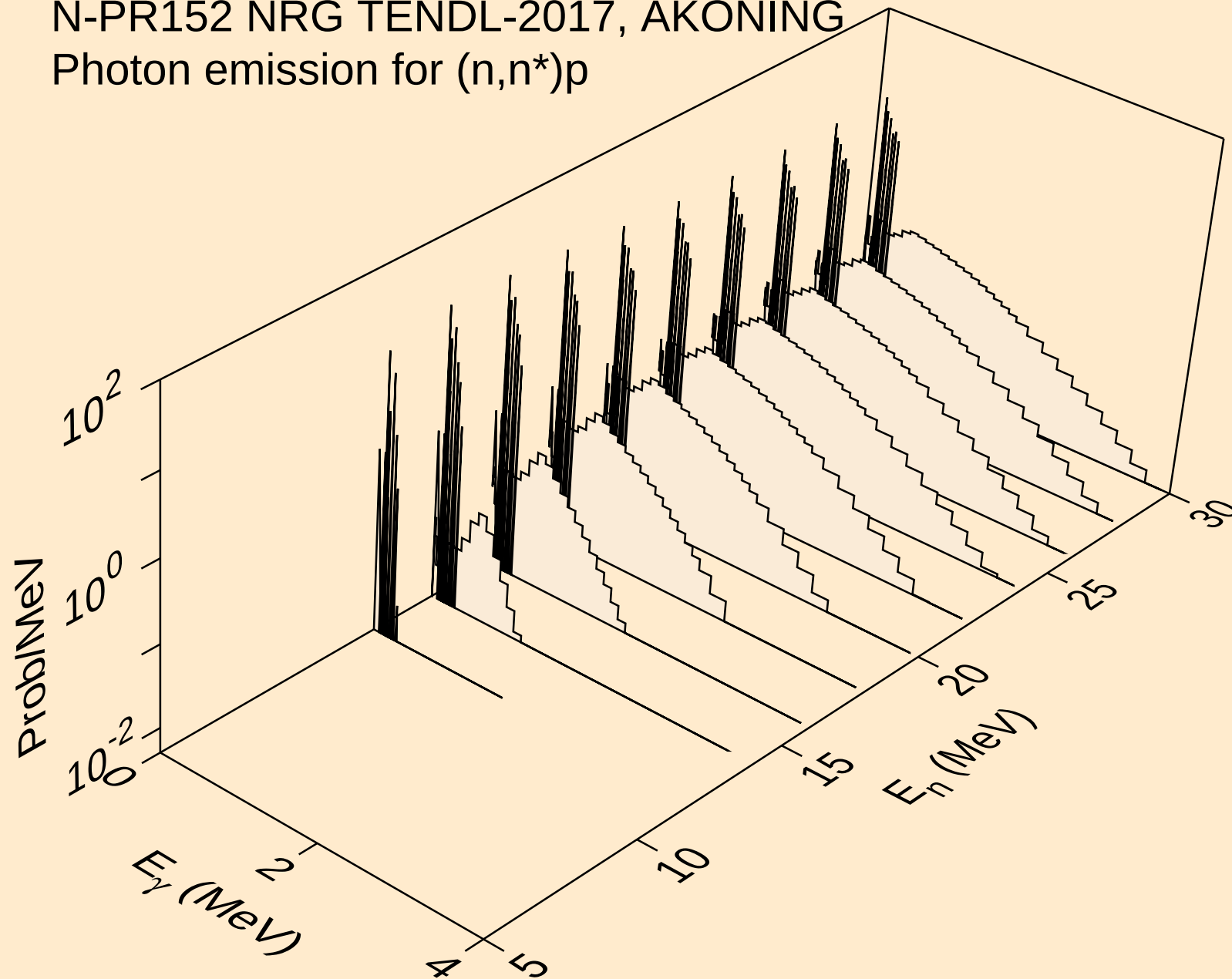


N-PR152 NRG TENDL-2017, AKONING

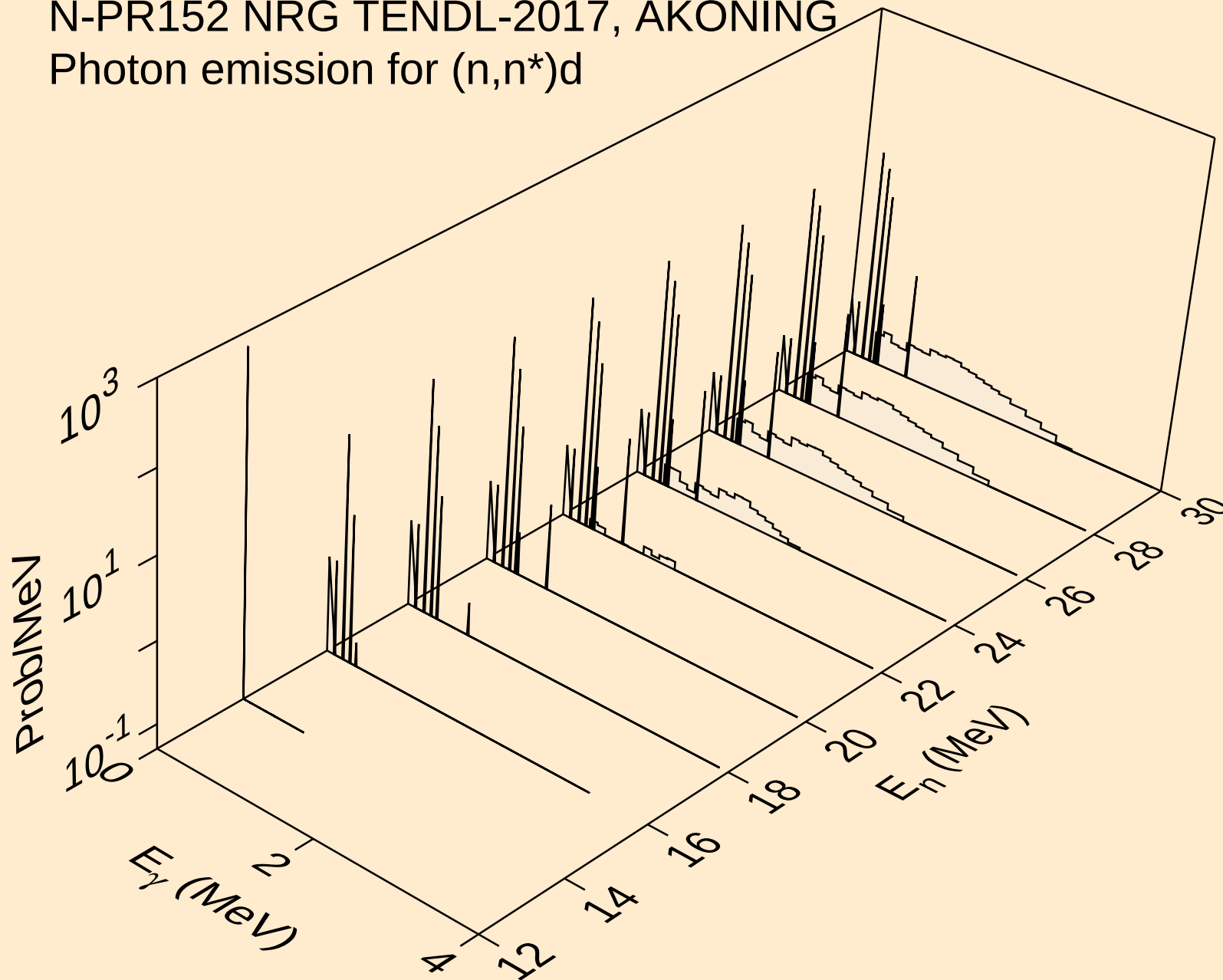
Photon emission for (n,3n)a



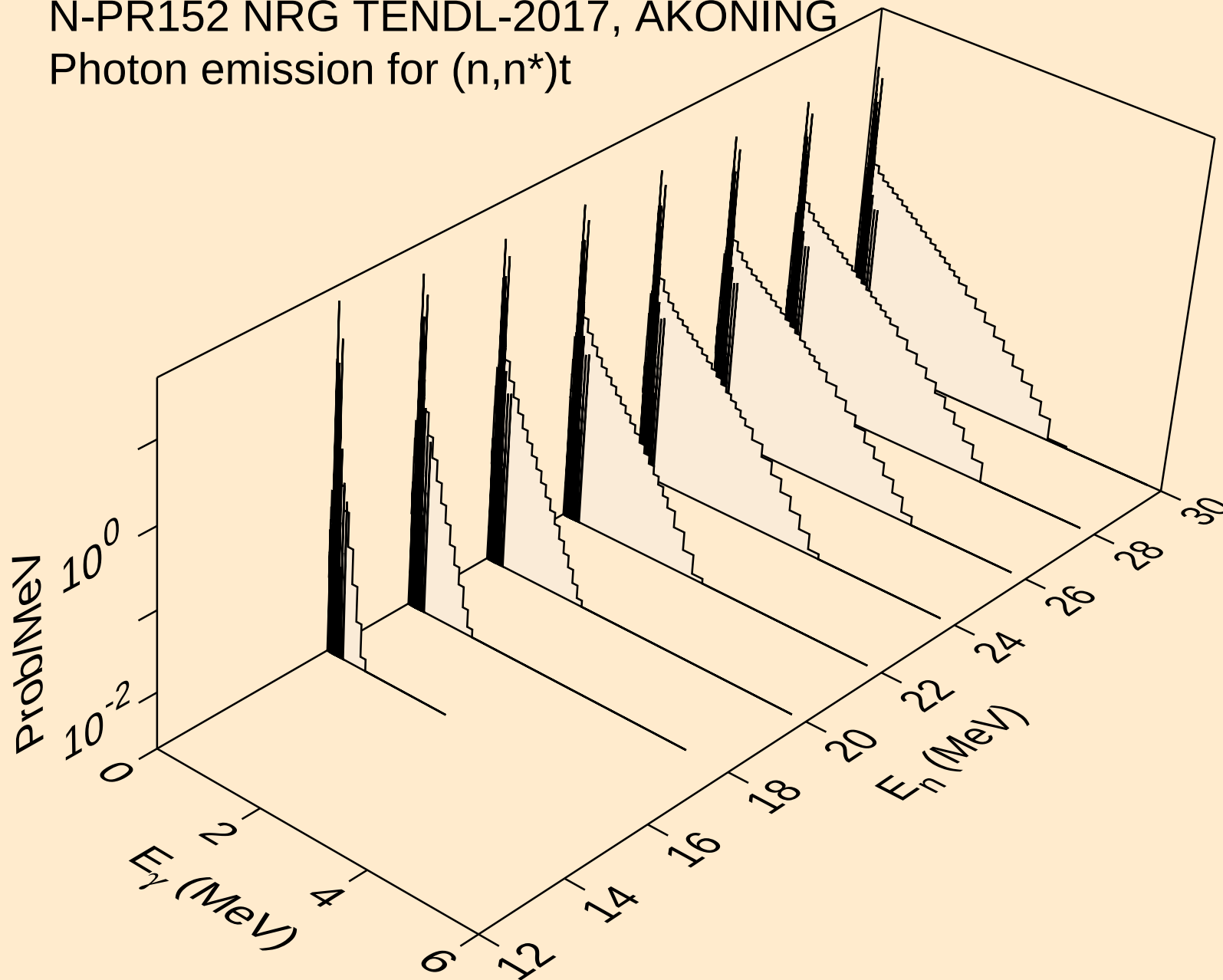
N-PR152 NRG TENDL-2017, AKONING  
Photon emission for (n,n\*)p



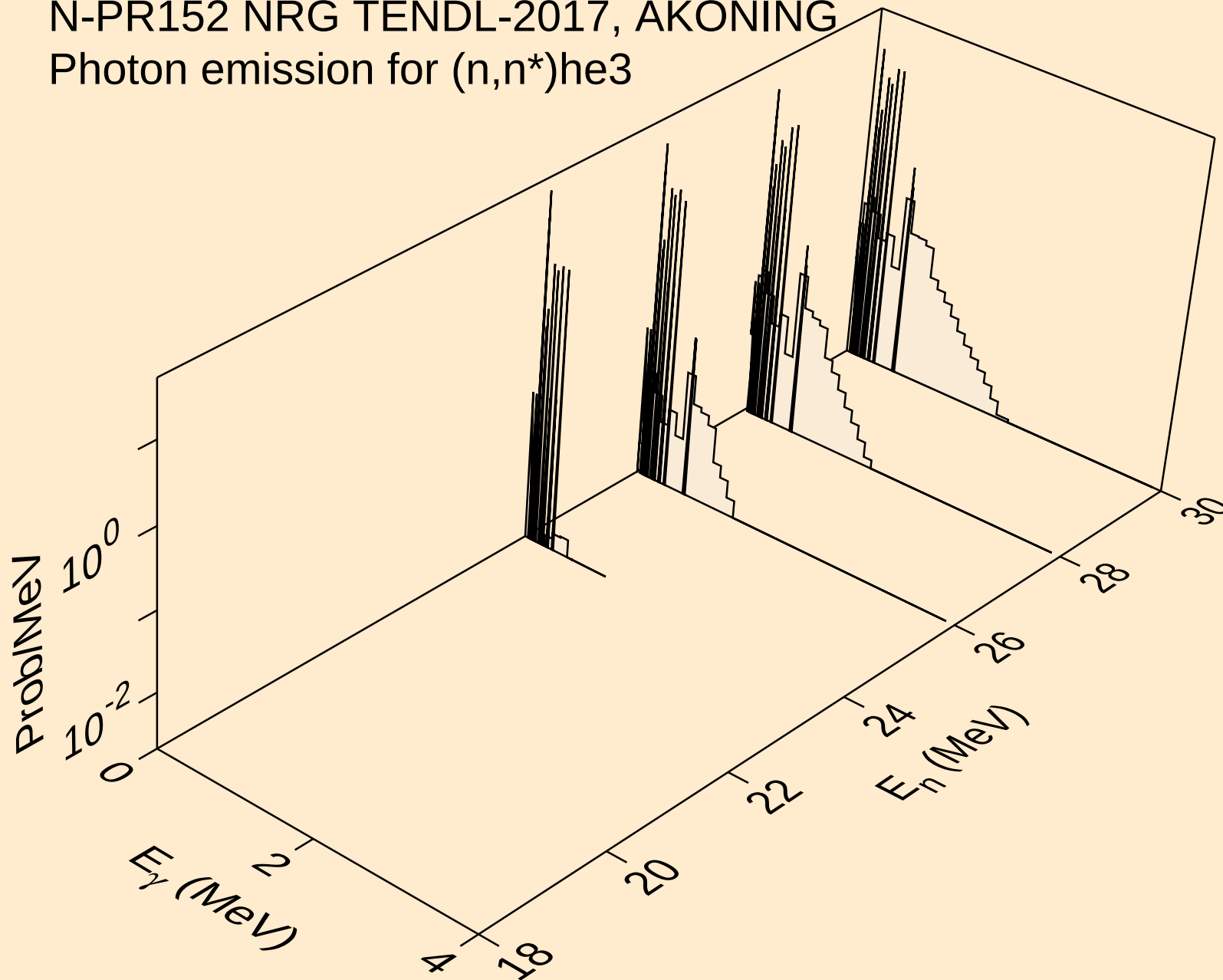
N-PR152 NRG TENDL-2017, AKONING  
Photon emission for (n,n\*)d



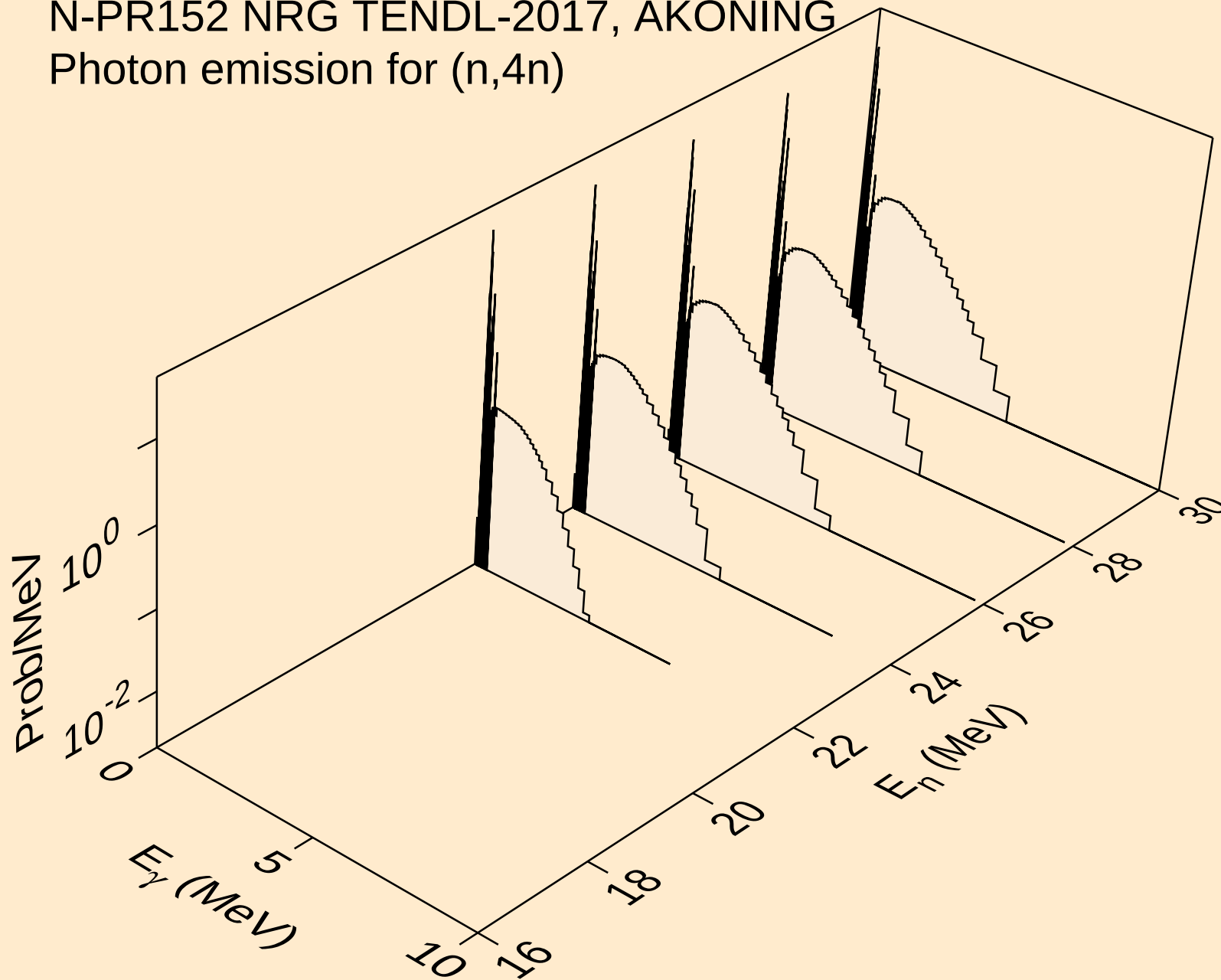
N-PR152 NRG TENDL-2017, AKONING  
Photon emission for (n,n\*)t



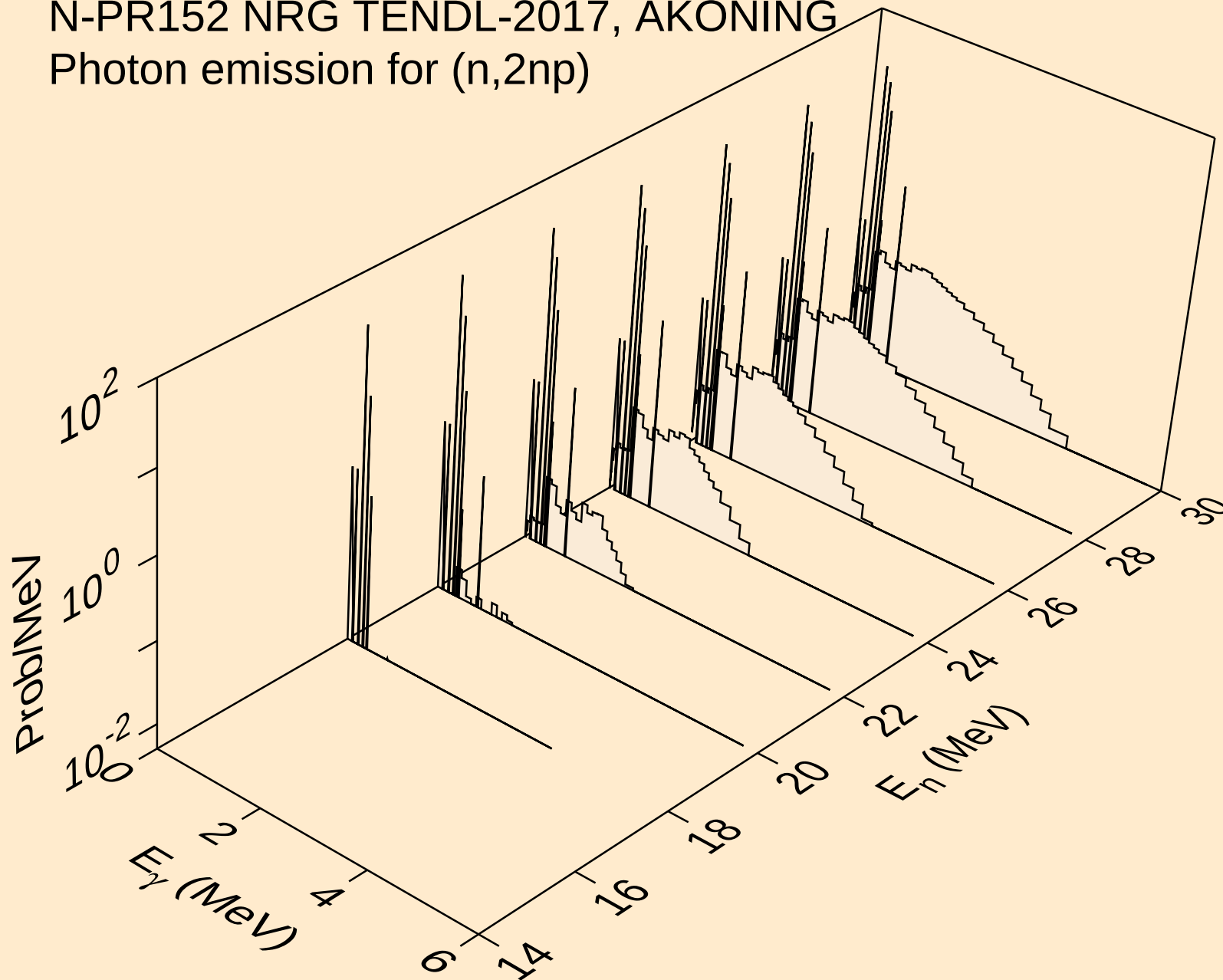
N-PR152 NRG TENDL-2017, AKONING  
Photon emission for (n,n\*)he3



N-PR152 NRG TENDL-2017, AKONING  
Photon emission for (n,4n)

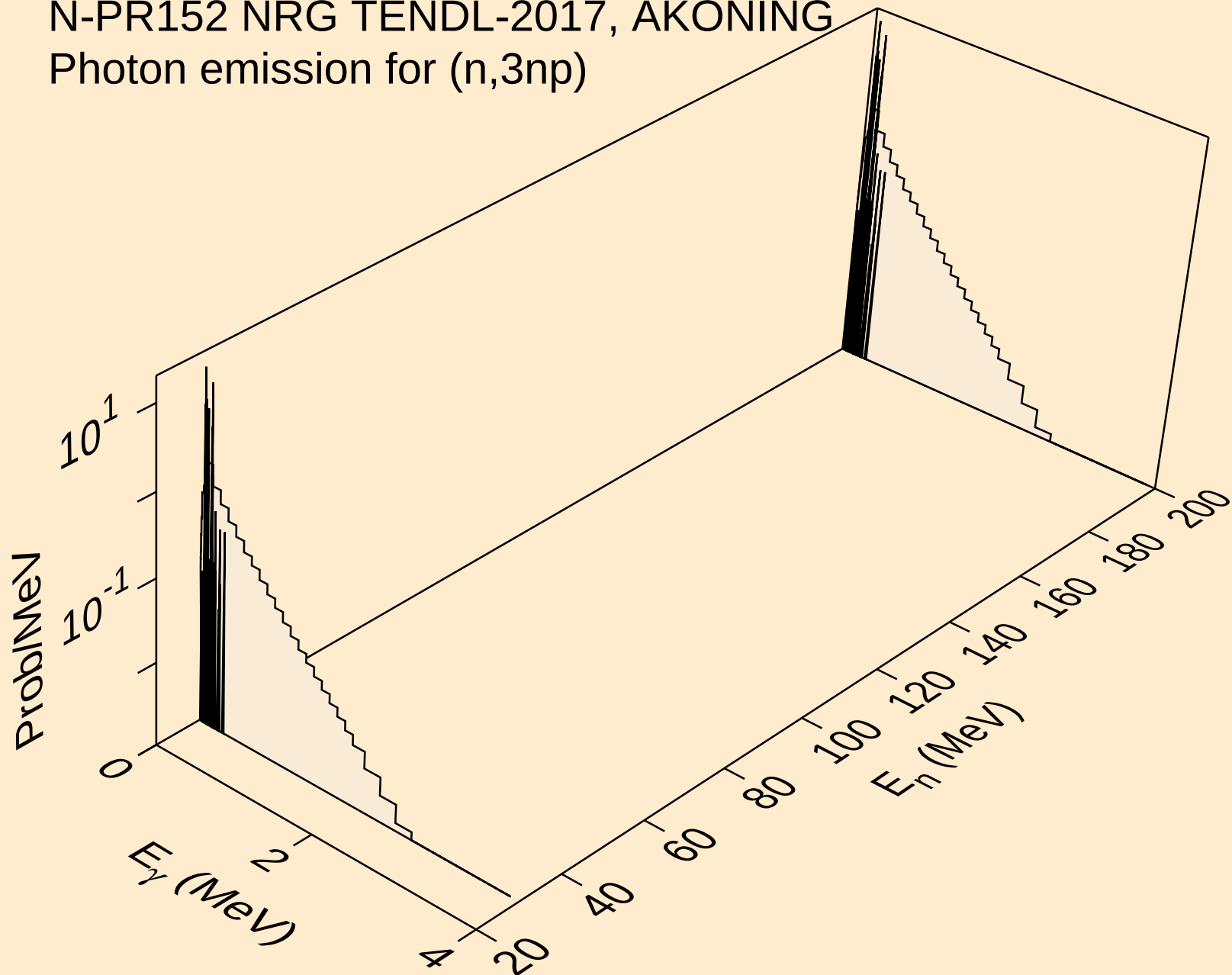


N-PR152 NRG TENDL-2017, AKONING  
Photon emission for (n,2np)

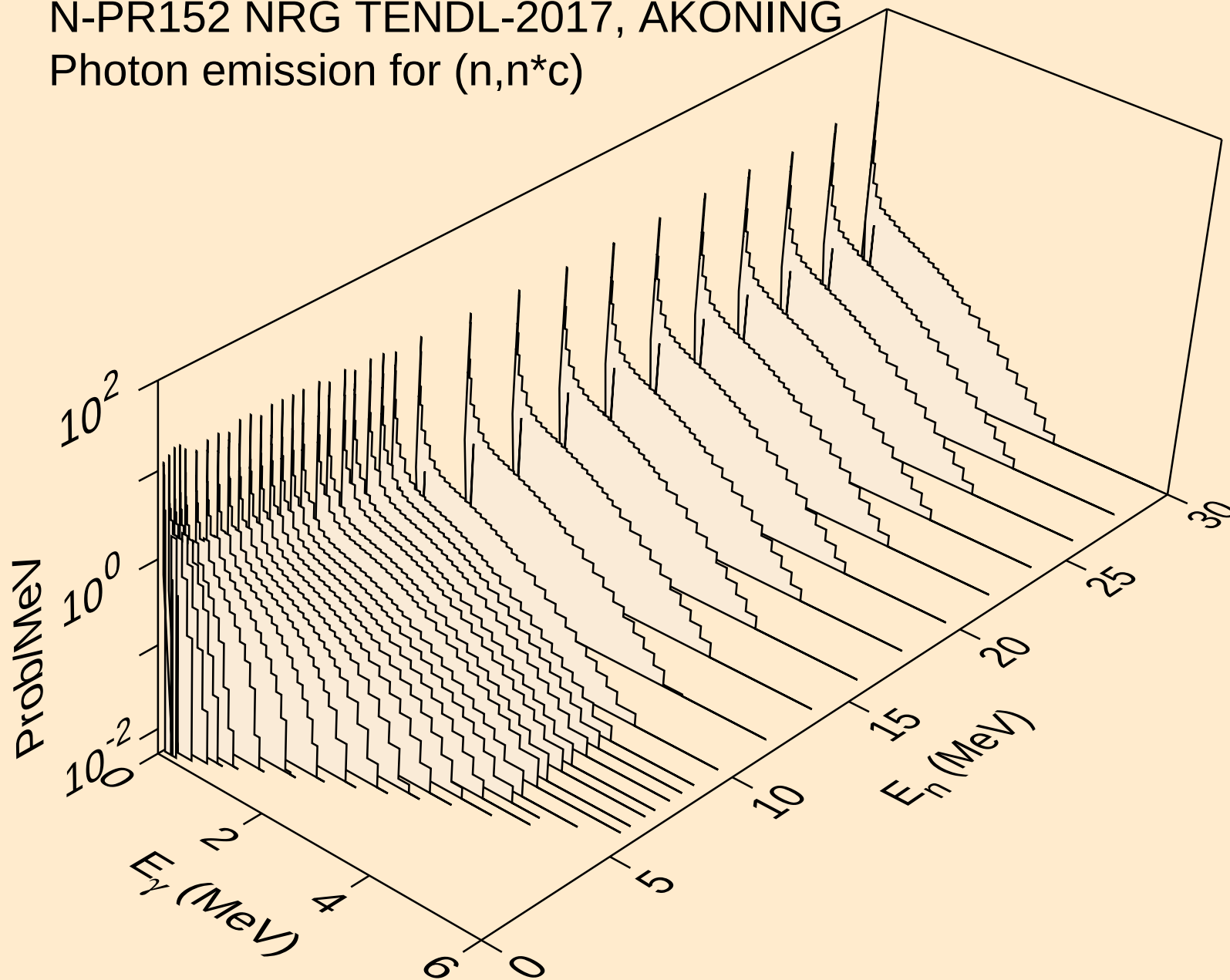




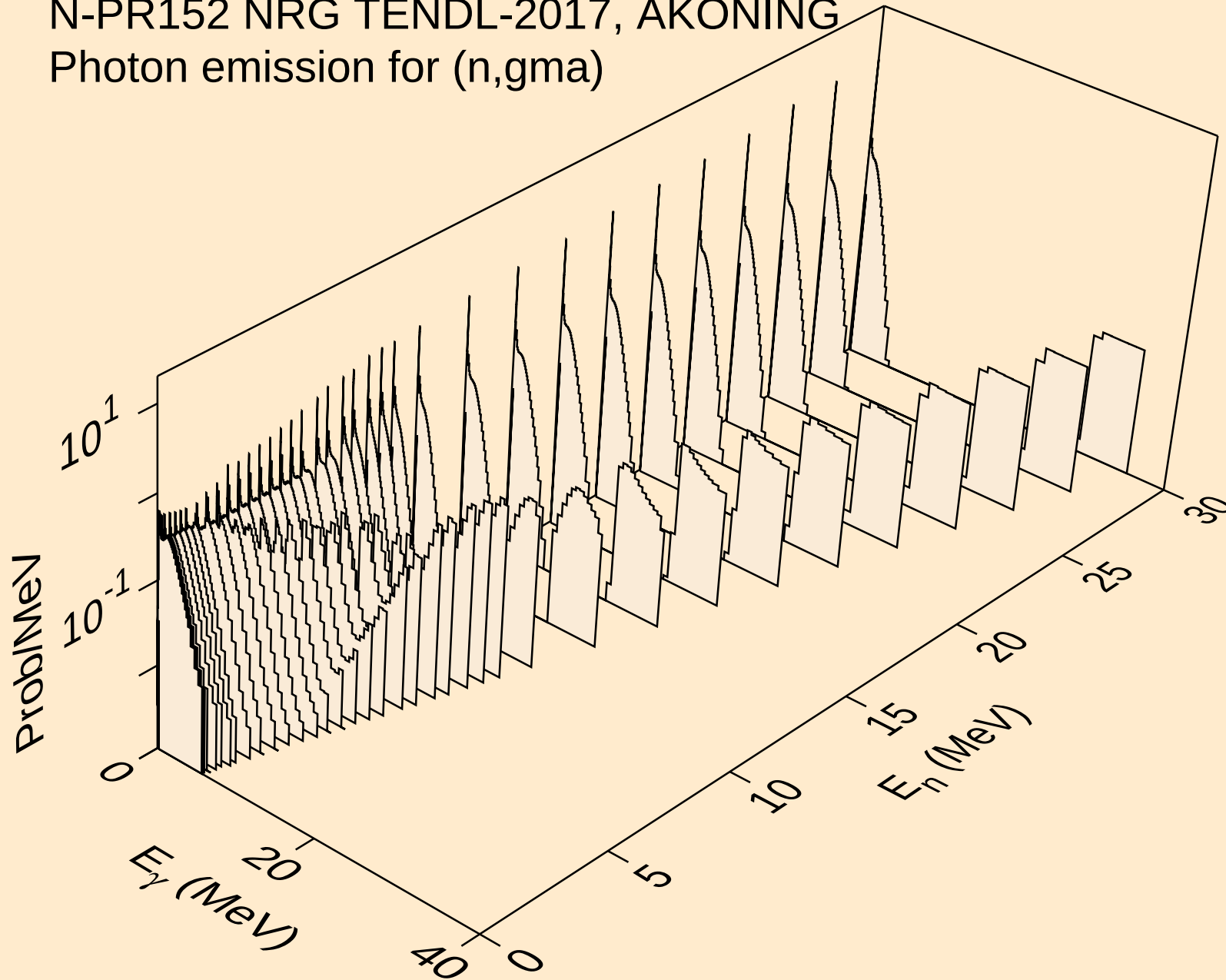
N-PR152 NRG TENDL-2017, AKONING  
Photon emission for (n,3np)



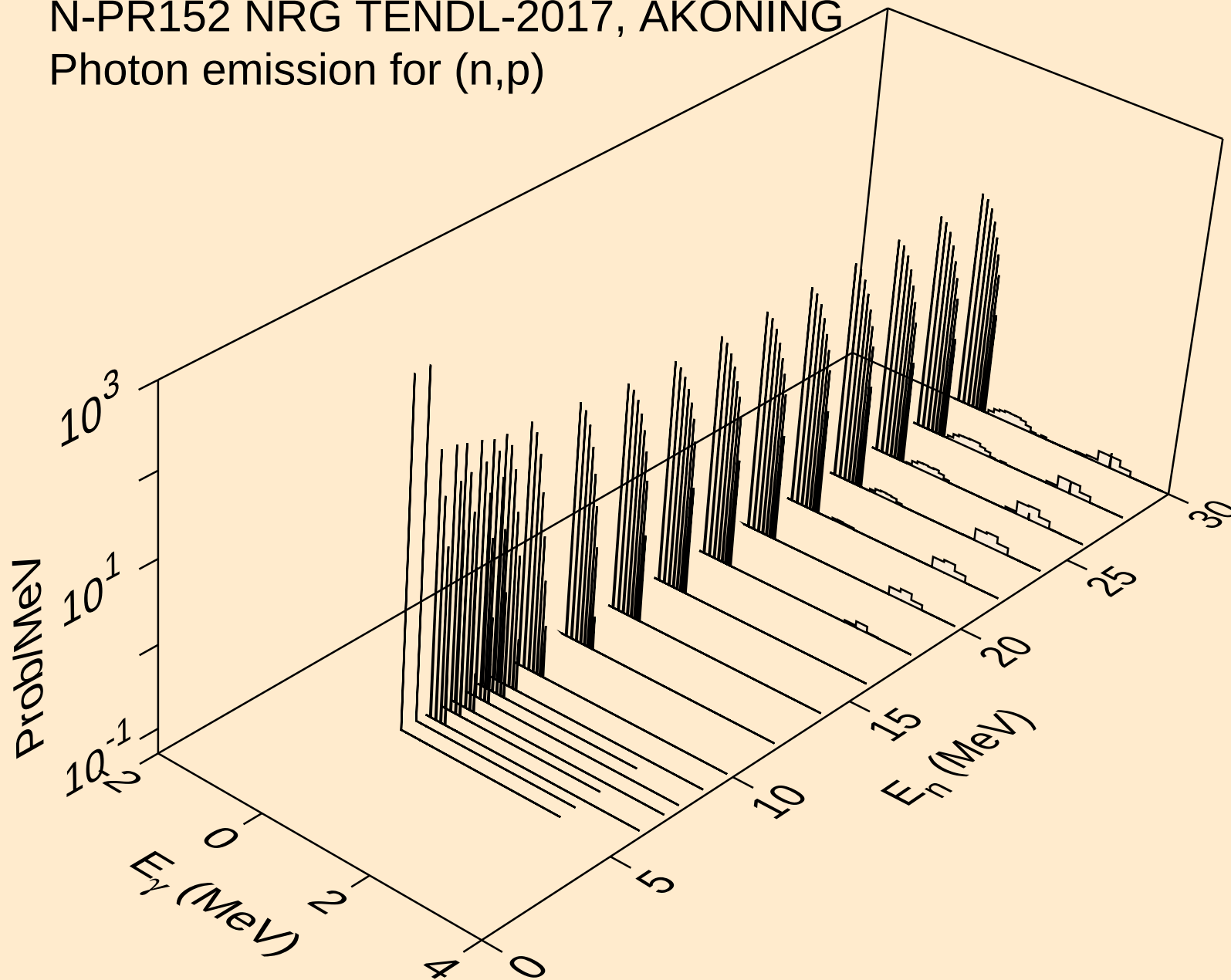
N-PR152 NRG TENDL-2017, AKONING  
Photon emission for (n,n\*c)



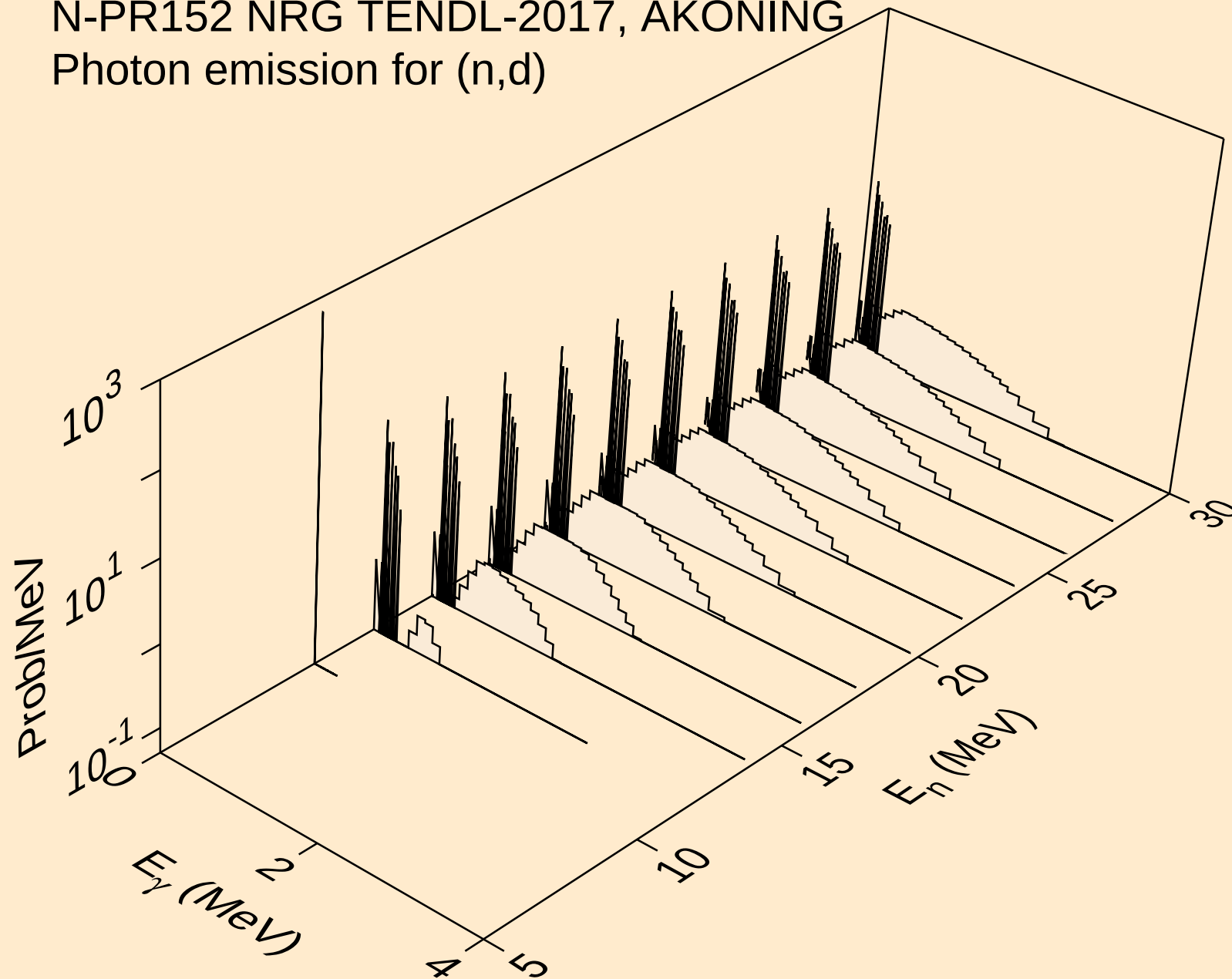
N-PR152 NRG TENDL-2017, AKONING  
Photon emission for (n,gma)



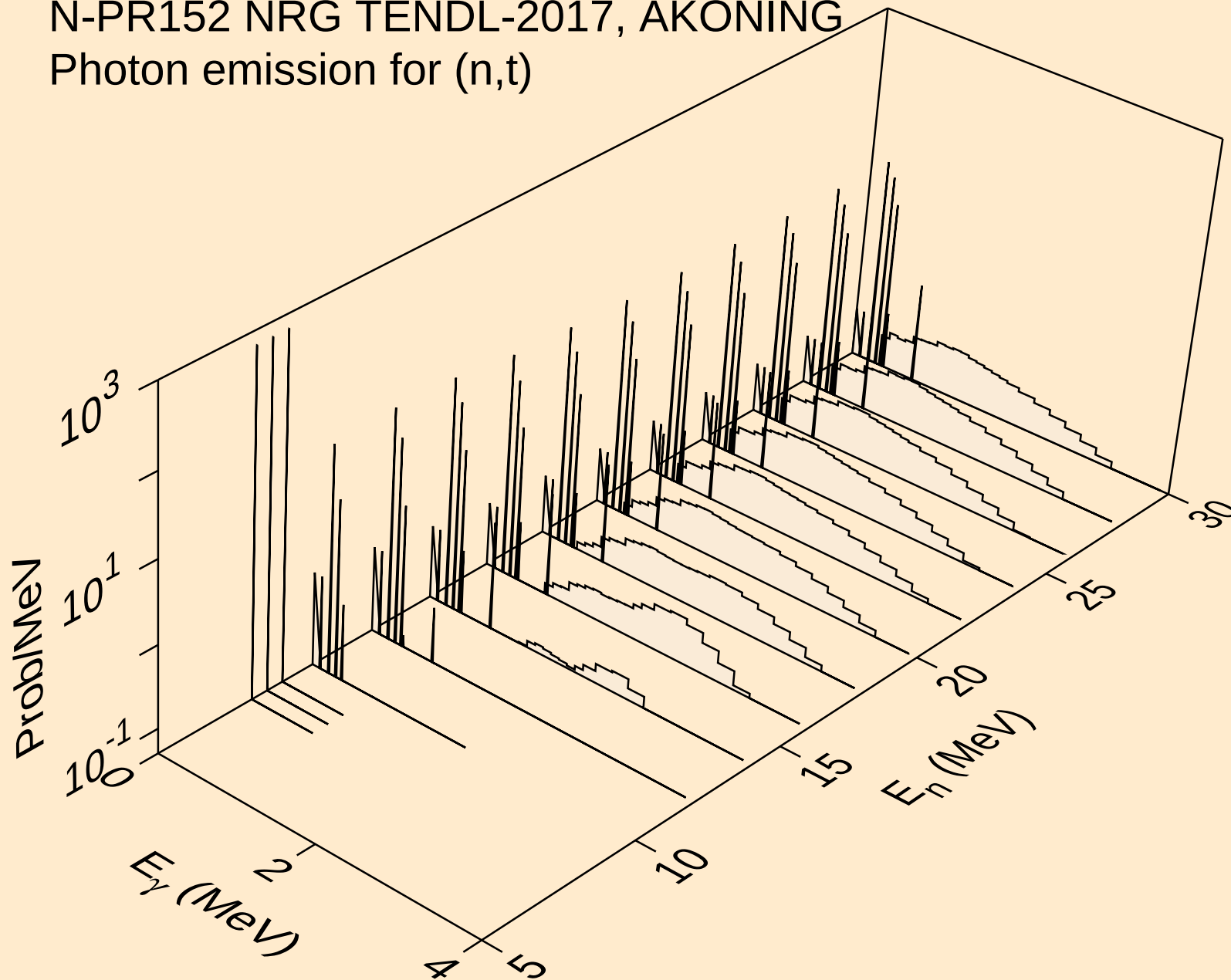
N-PR152 NRG TENDL-2017, AKONING  
Photon emission for (n,p)



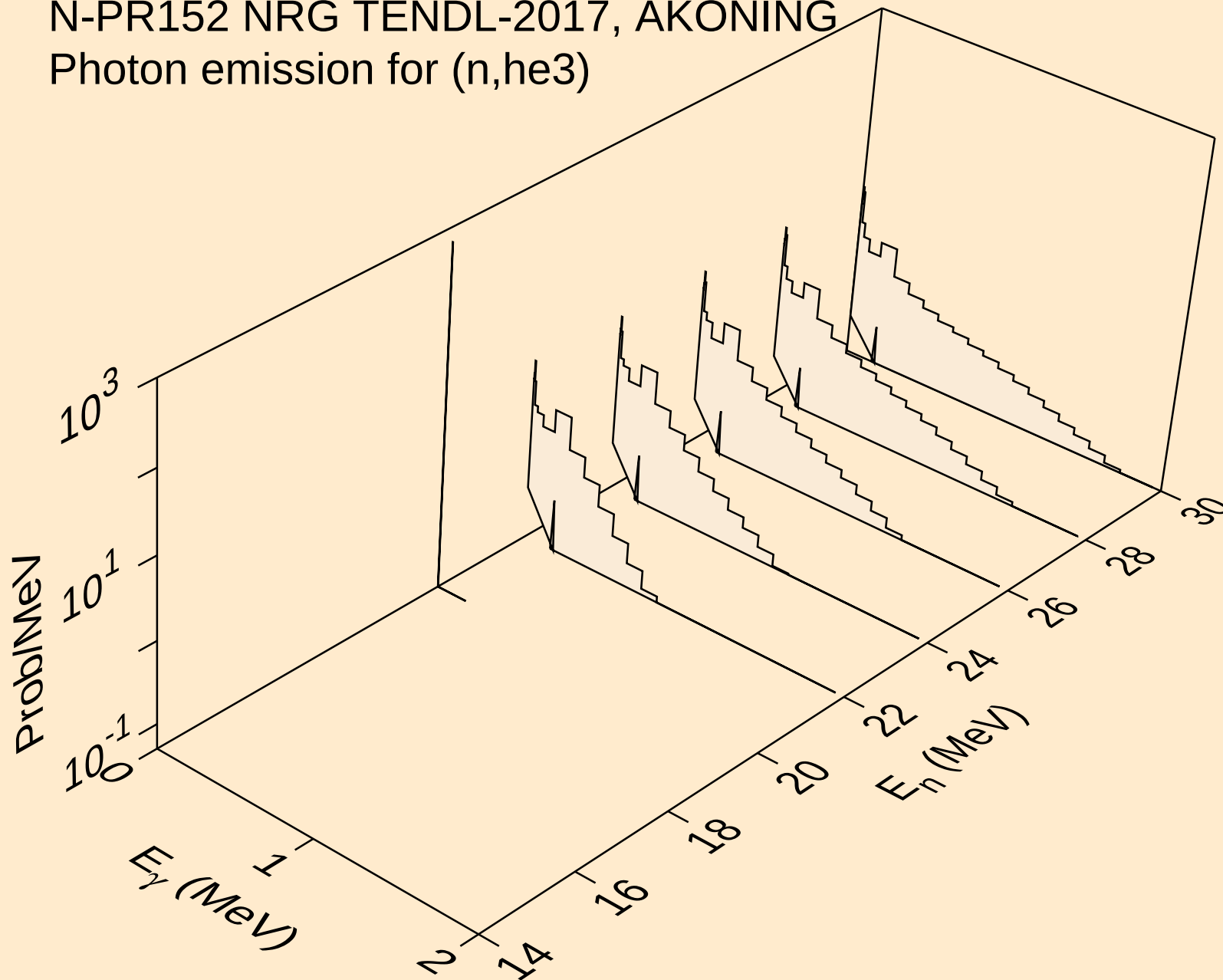
N-PR152 NRG TENDL-2017, AKONING  
Photon emission for (n,d)



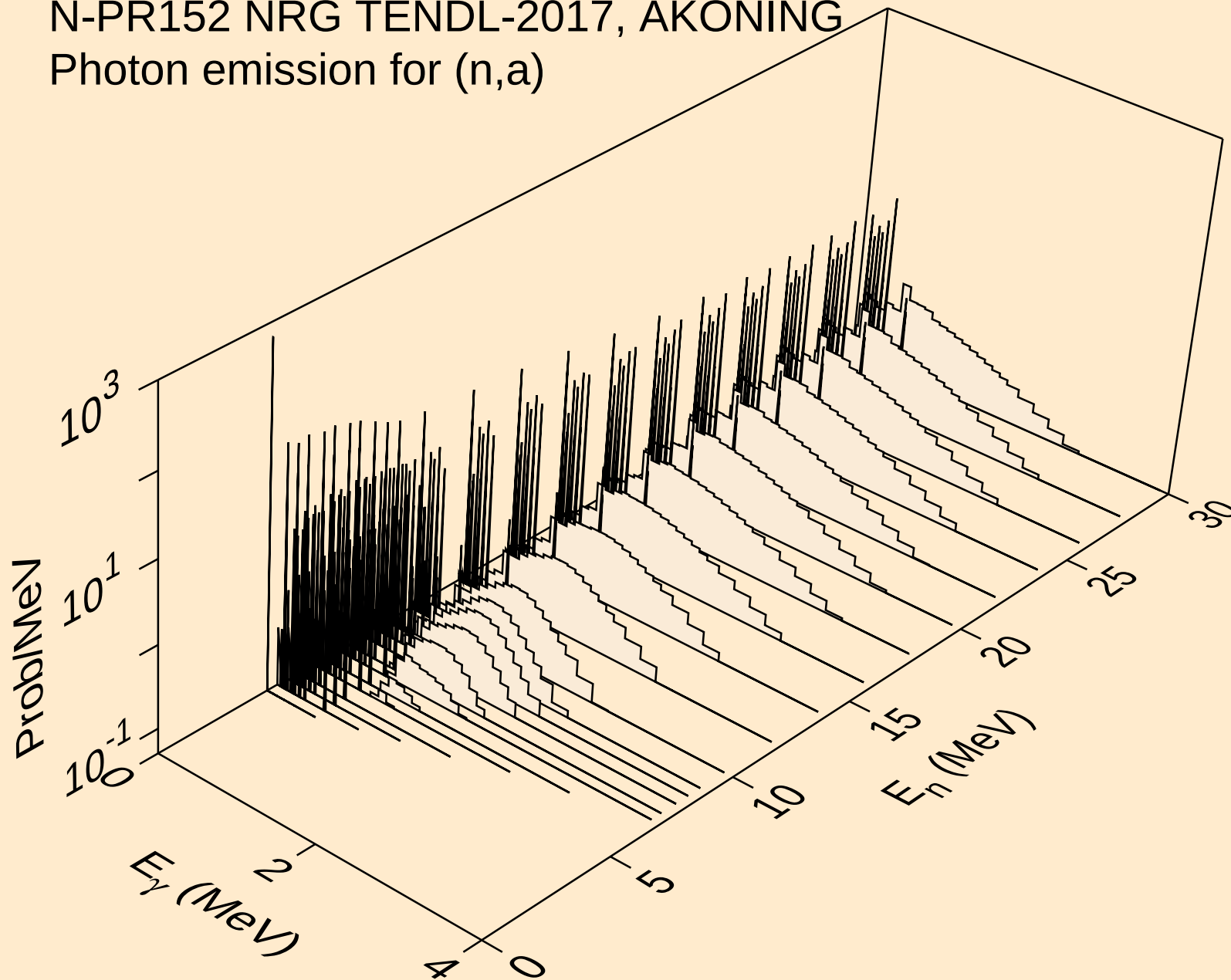
N-PR152 NRG TENDL-2017, AKONING  
Photon emission for (n,t)



N-PR152 NRG TENDL-2017, AKONING  
Photon emission for (n,he3)

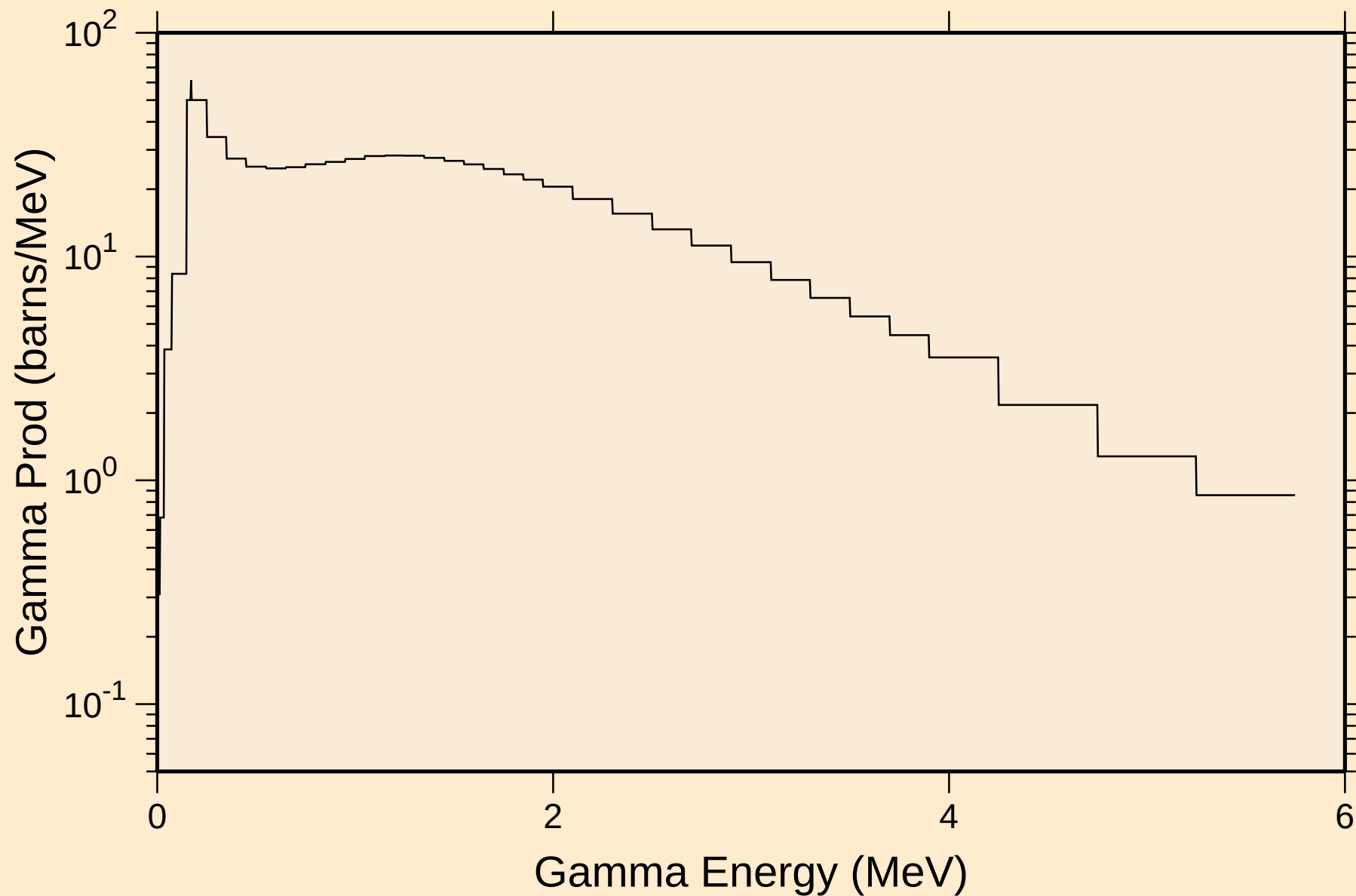


N-PR152 NRG TENDL-2017, AKONING  
Photon emission for (n,a)



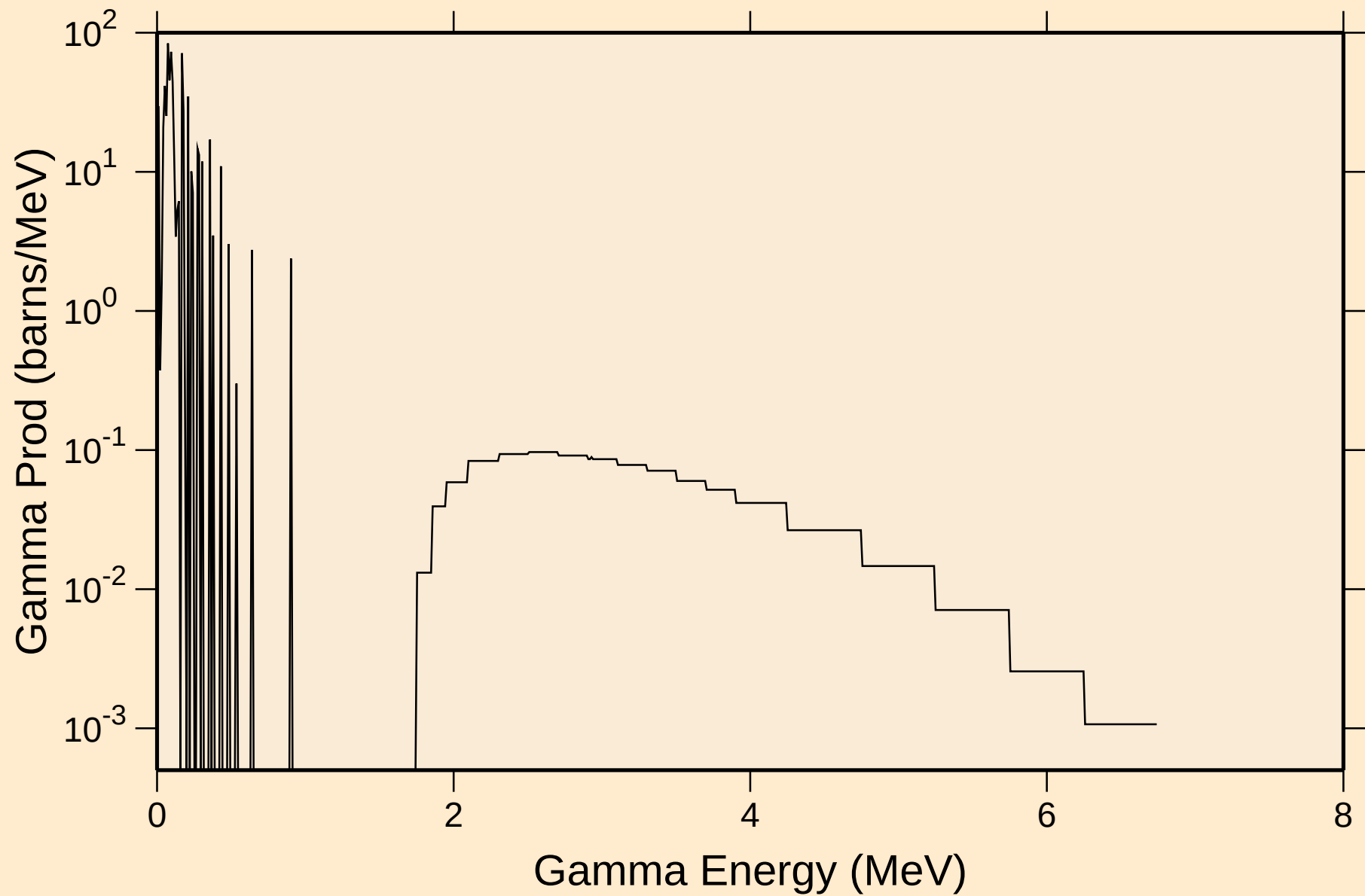


N-PR152 NRG TENDL-2017, AKONING  
thermal capture photon spectrum



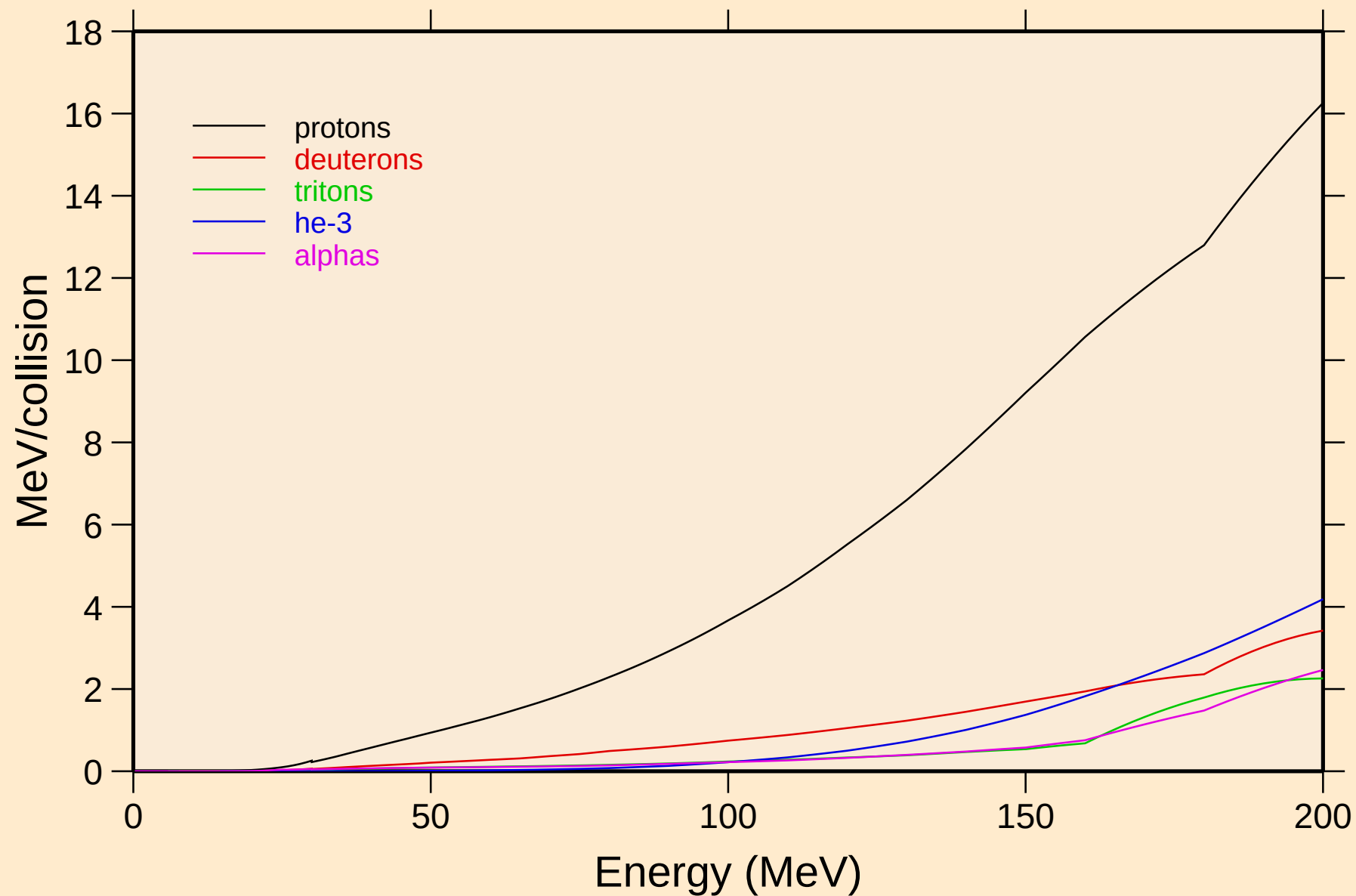
N-PR152 NRG TENDL-2017, AKONING

14 MeV photon spectrum



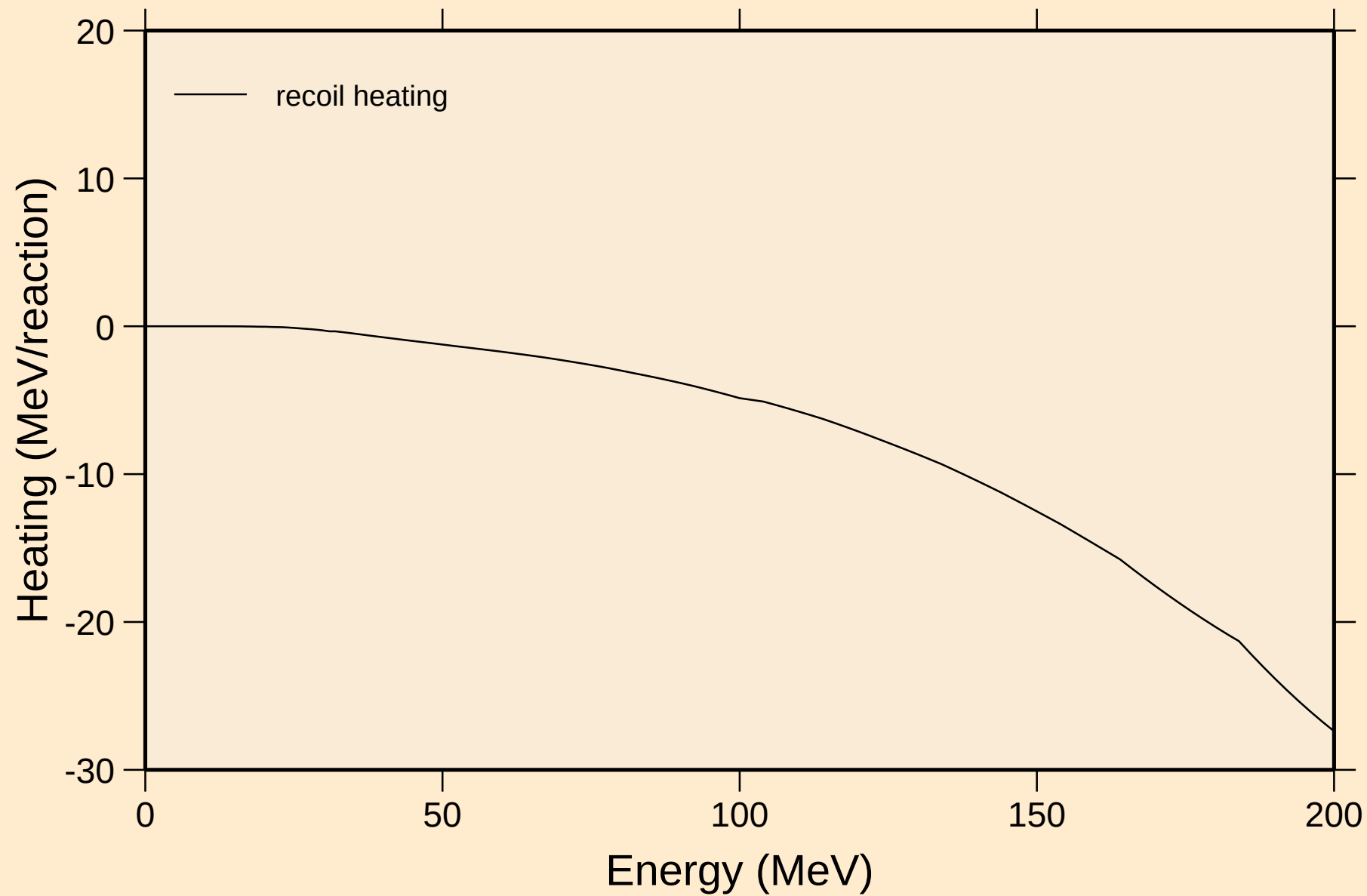
# N-PR152 NRG TENDL-2017, AKONING

## Particle heating contributions



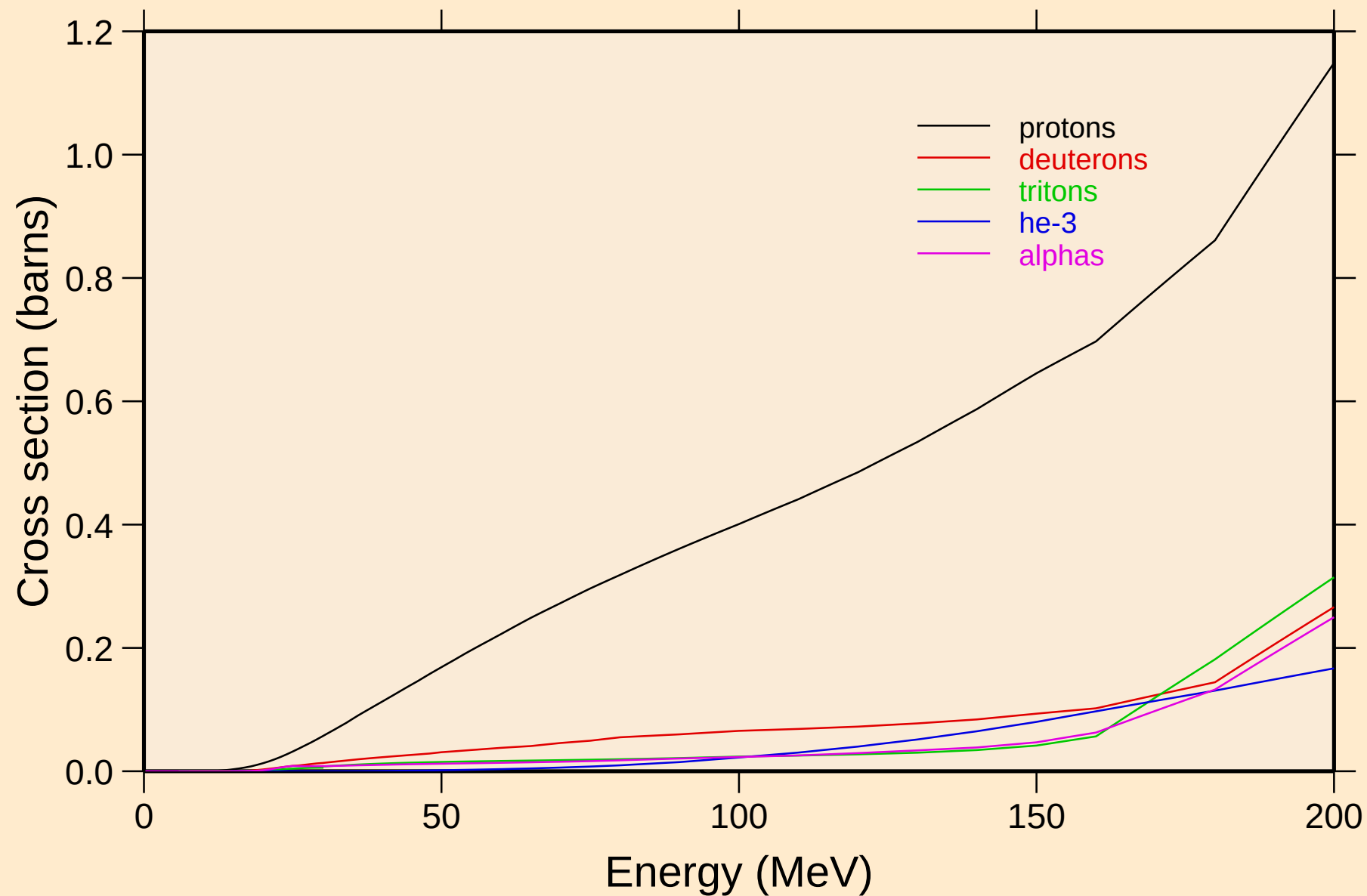
# N-PR152 NRG TENDL-2017, AKONING

## Recoil Heating

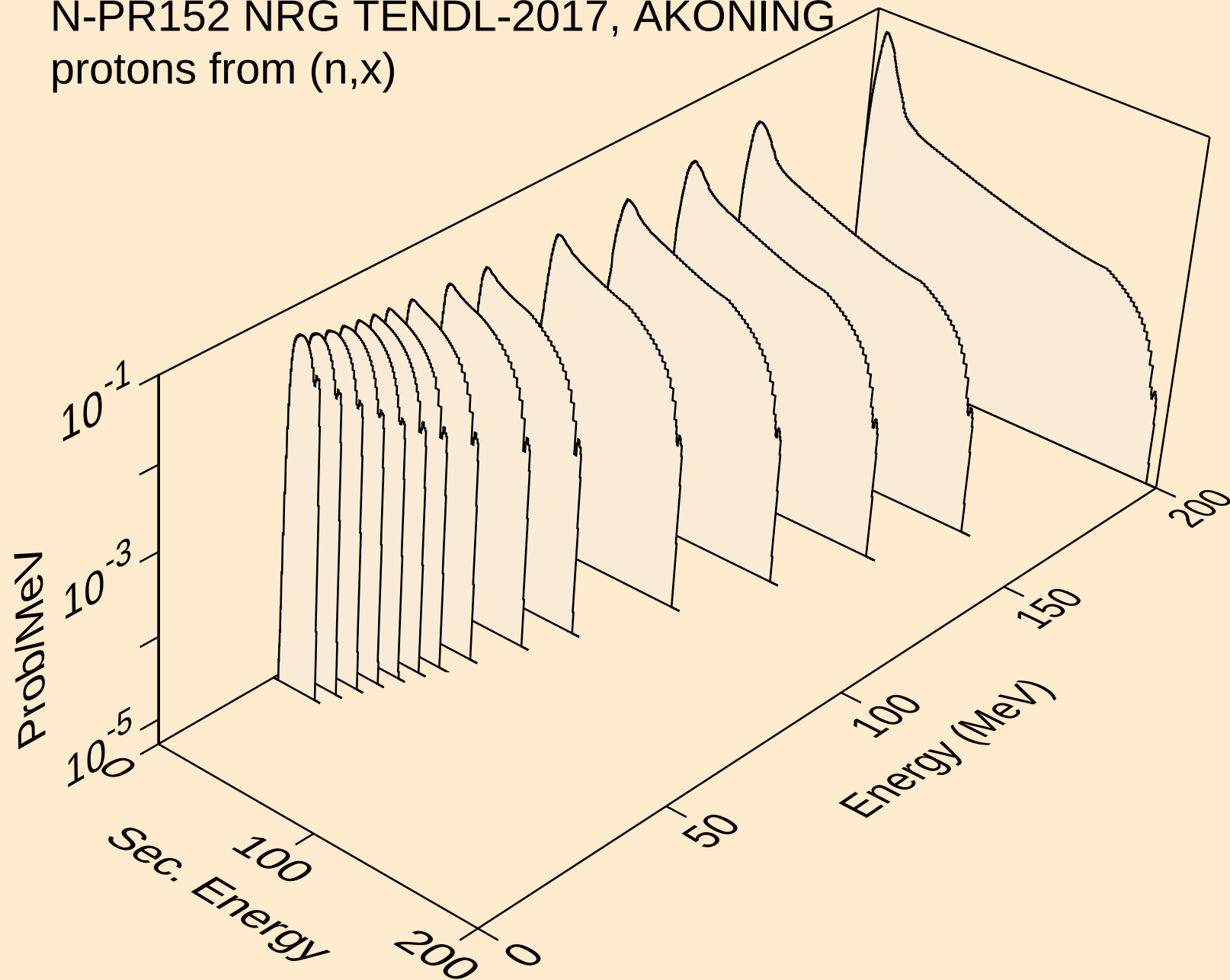


# N-PR152 NRG TENDL-2017, AKONING

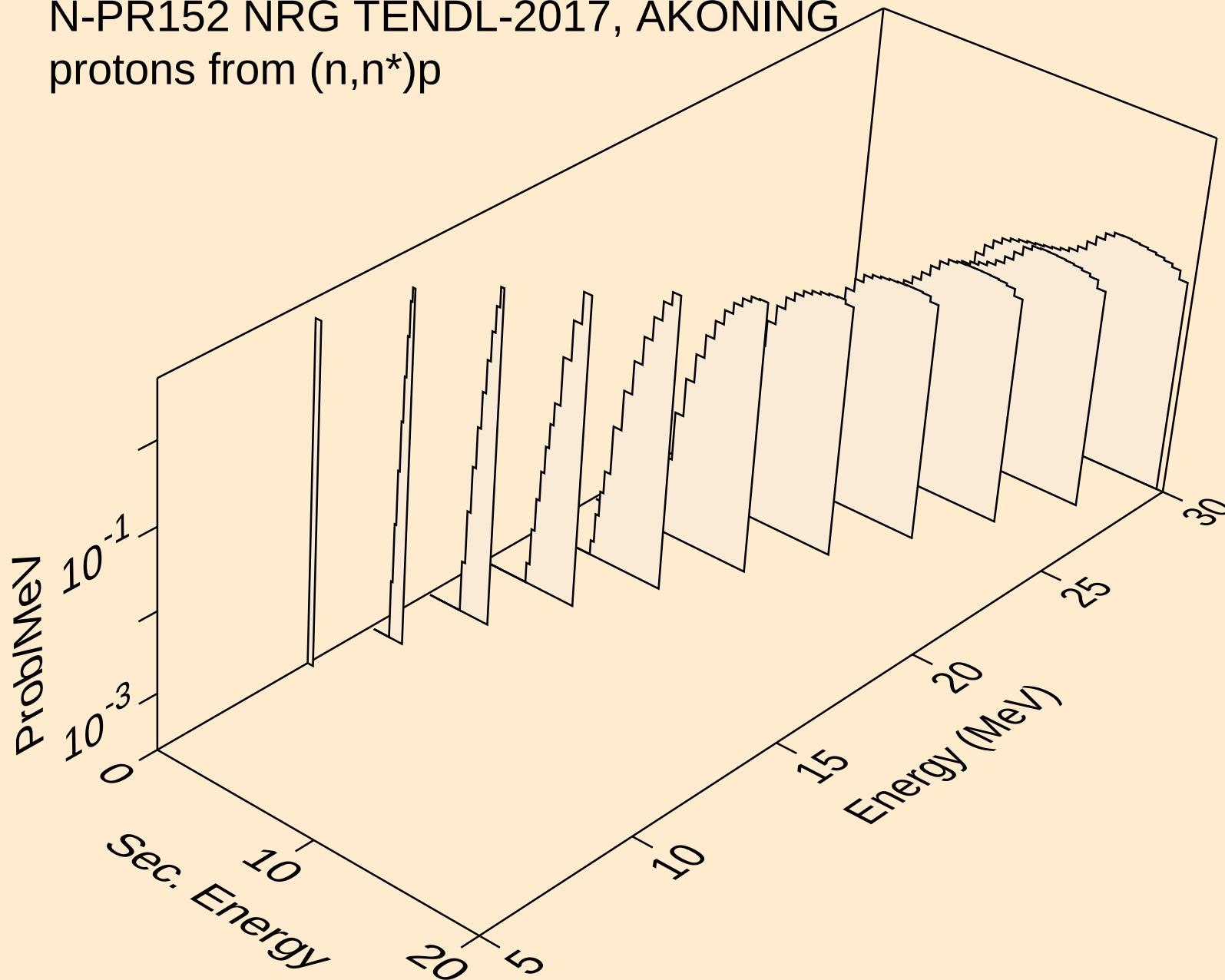
## Particle production cross sections



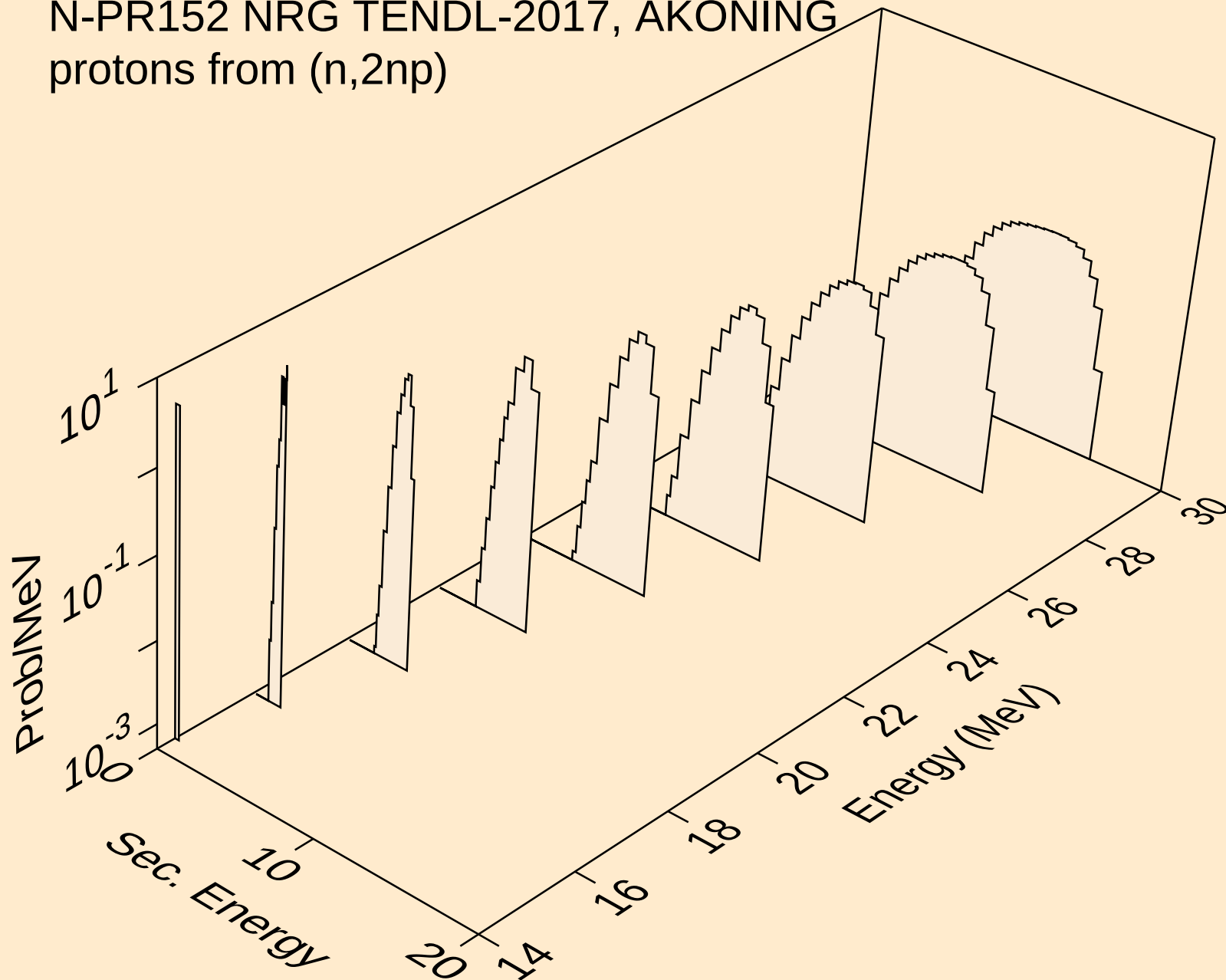
N-PR152 NRG TENDL-2017, AKONING  
protons from (n,x)



N-PR152 NRG TENDL-2017, AKONING  
protons from  $(n,n^*)p$

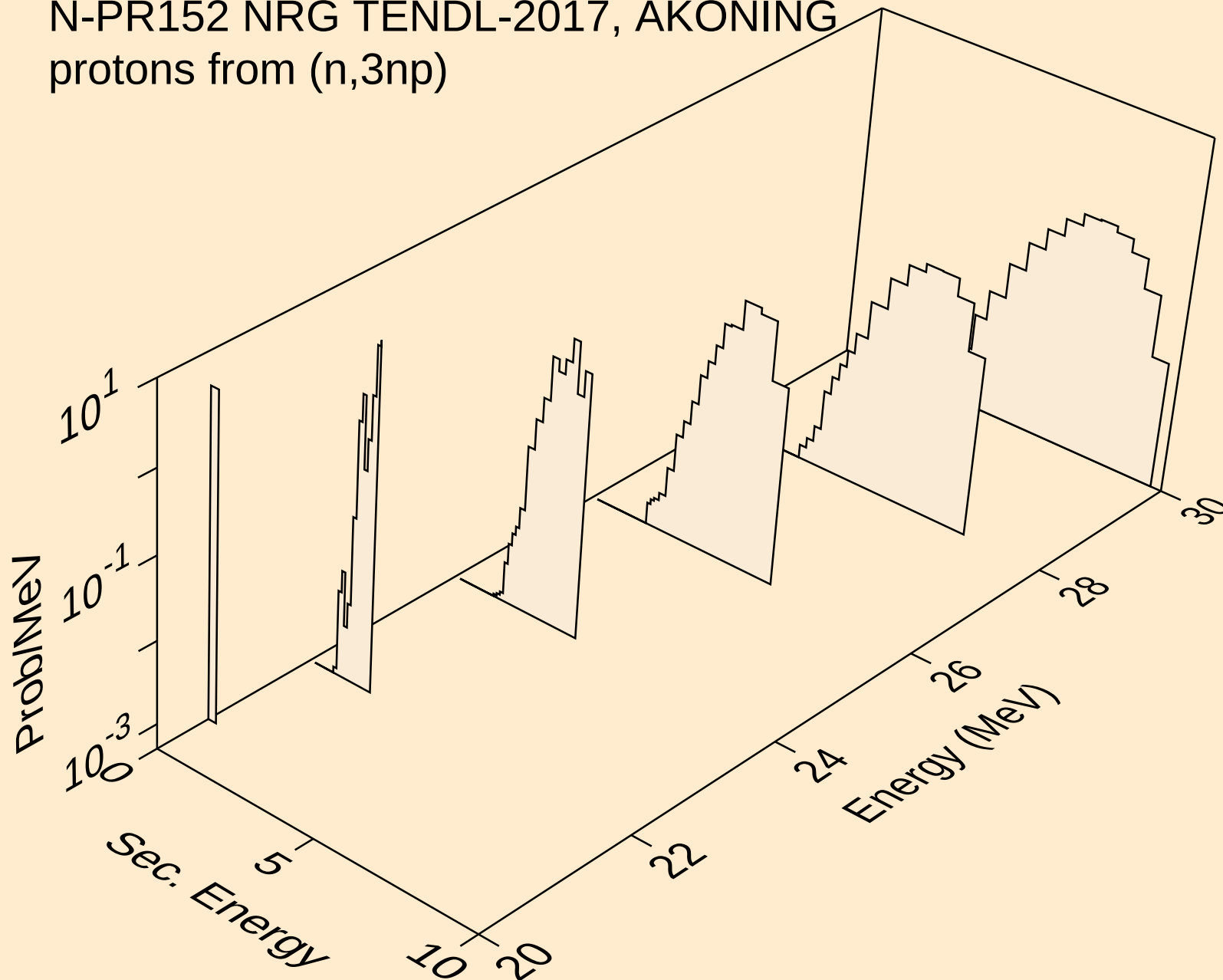


N-PR152 NRG TENDL-2017, AKONING  
protons from (n,2np)

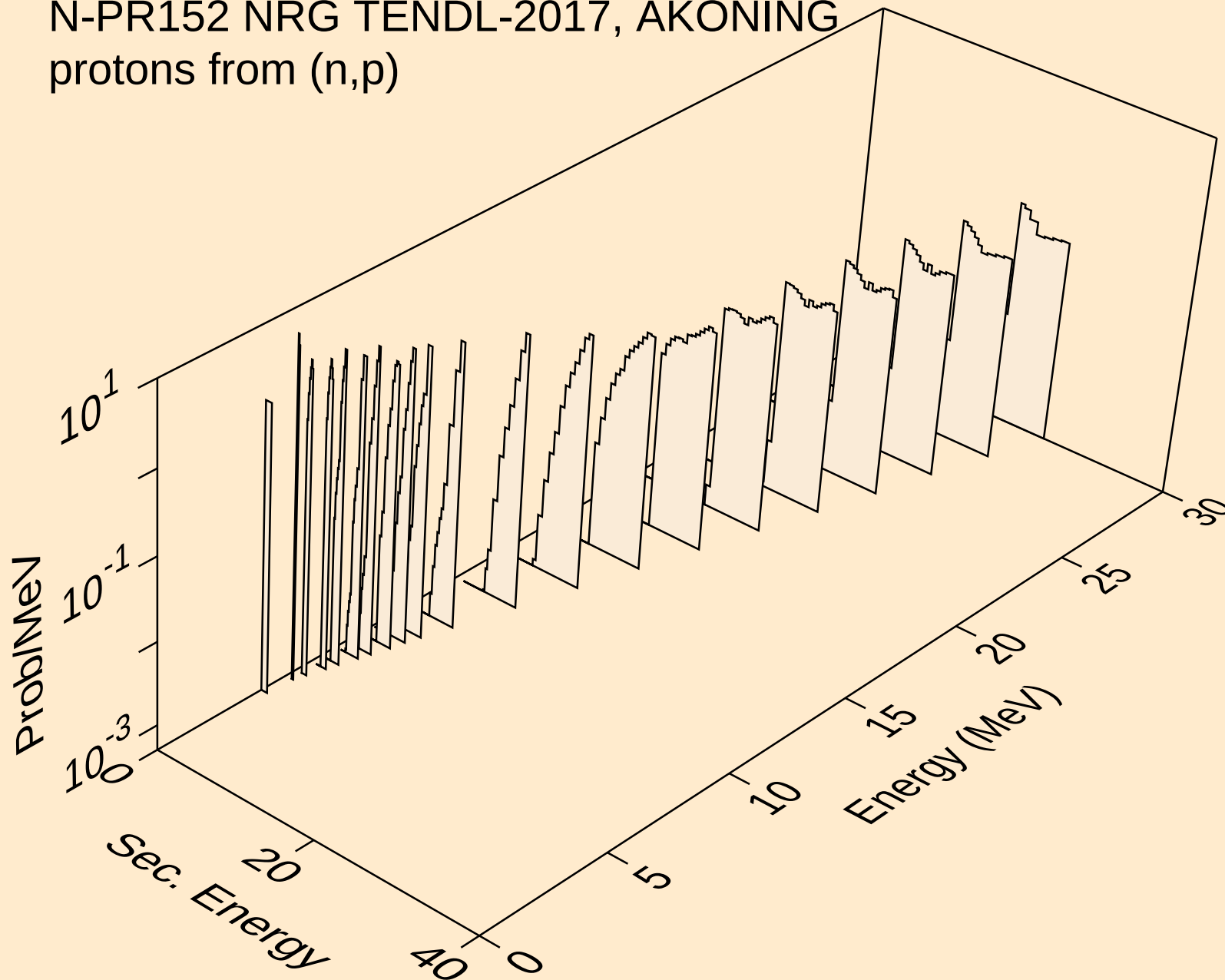




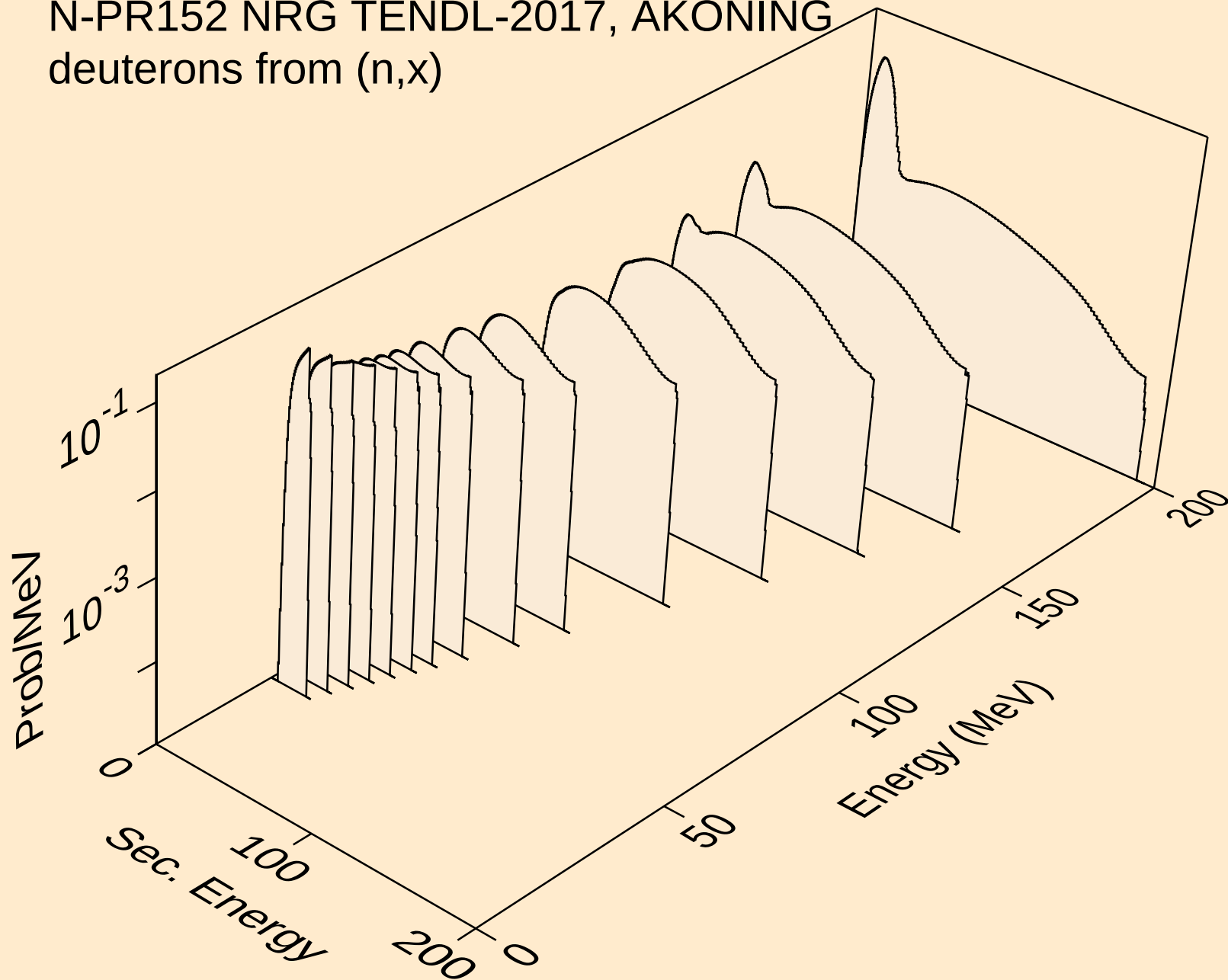
N-PR152 NRG TENDL-2017, AKONING  
protons from (n,3np)



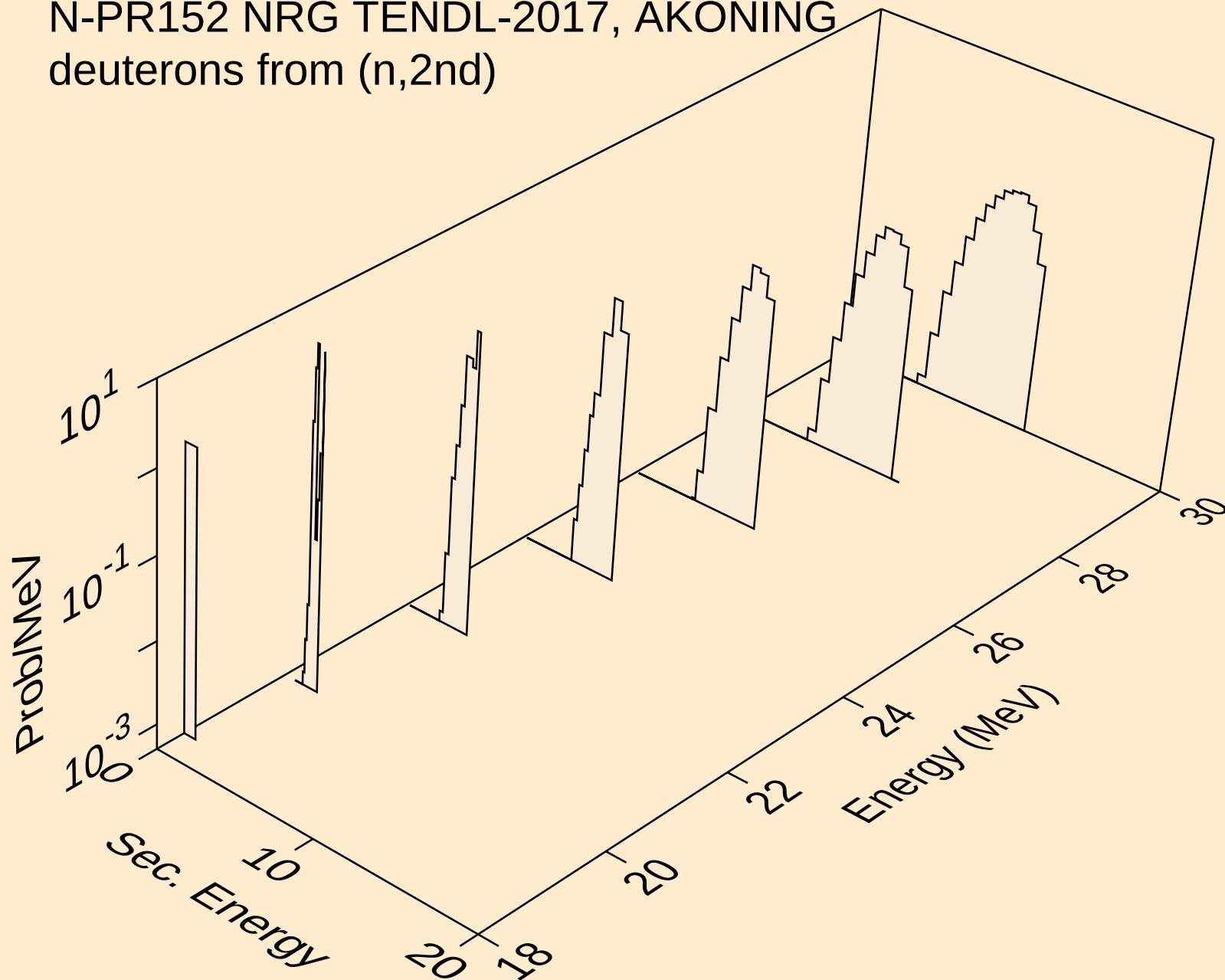
N-PR152 NRG TENDL-2017, AKONING  
protons from (n,p)



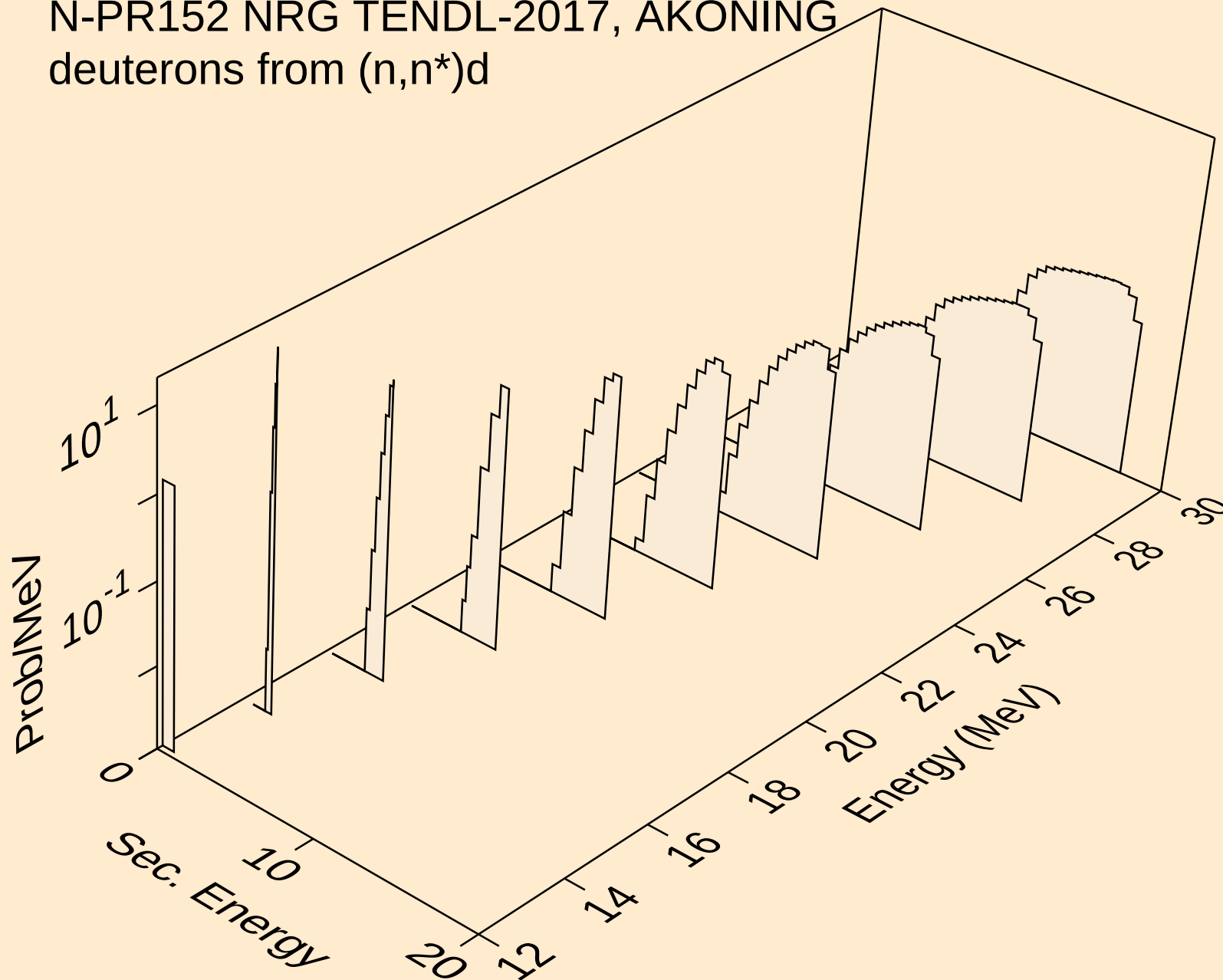
N-PR152 NRG TENDL-2017, AKONING  
deuterons from (n,x)



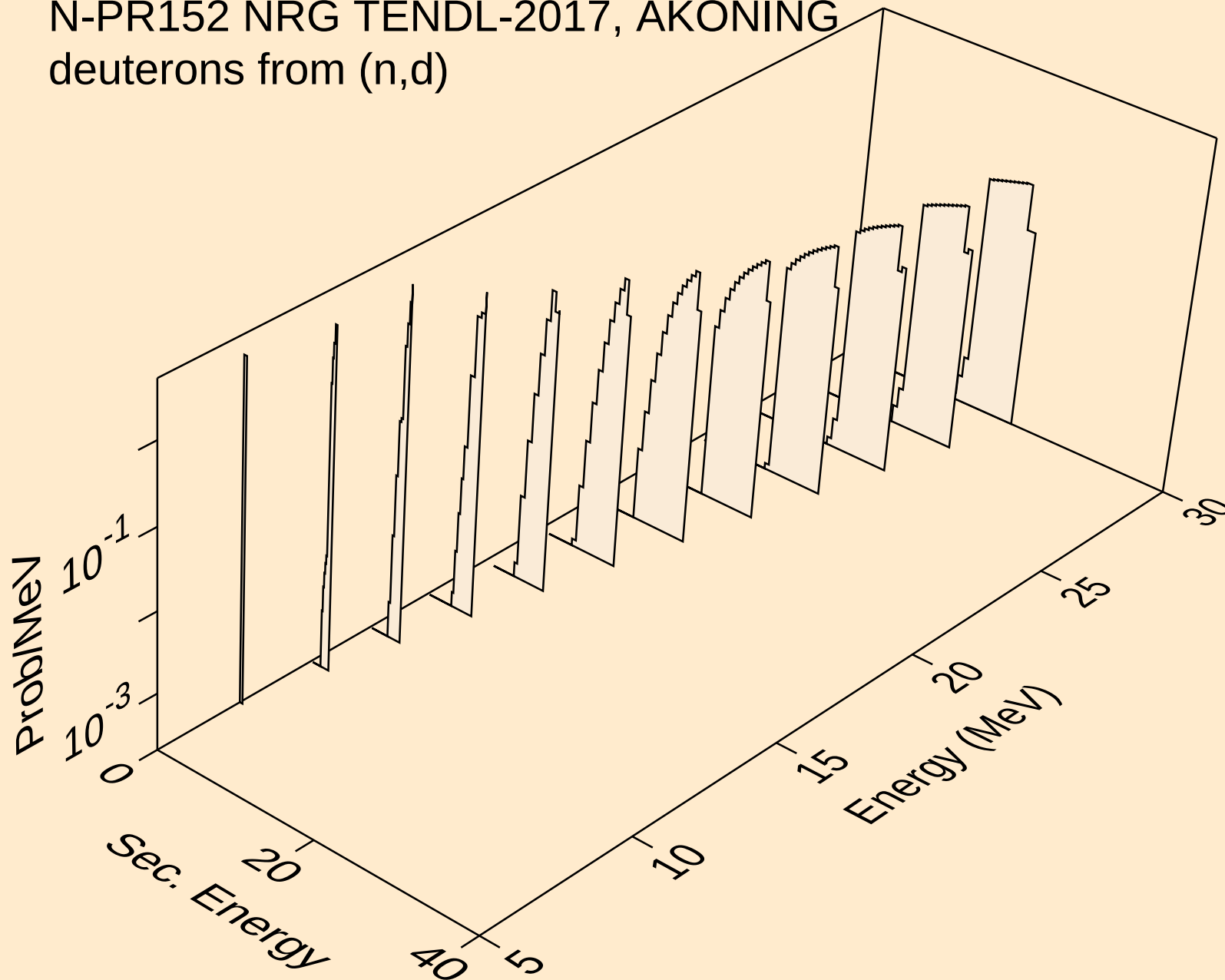
N-PR152 NRG TENDL-2017, AKONING  
deuterons from (n,2nd)



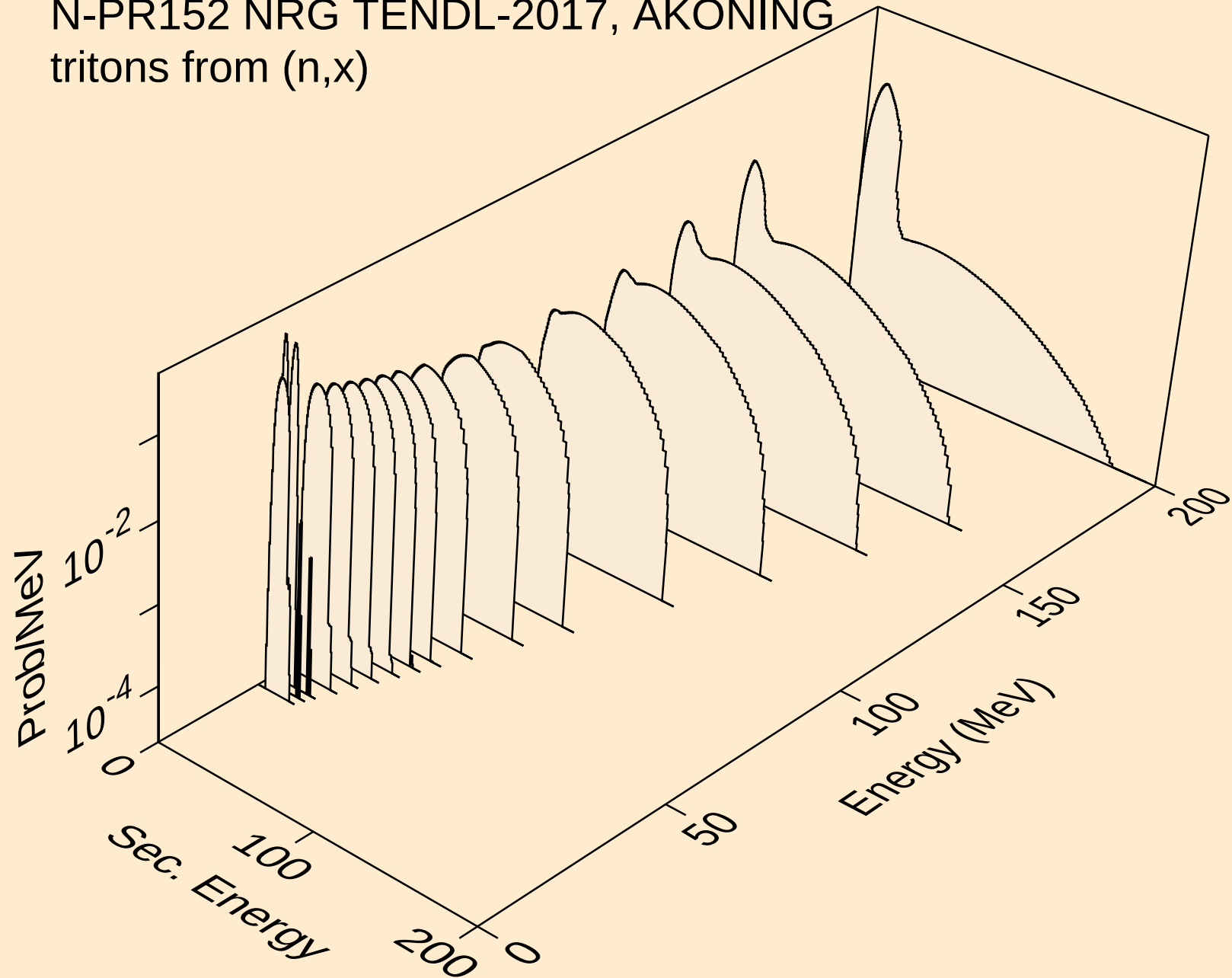
N-PR152 NRG TENDL-2017, AKONING  
deuterons from (n,n\*)d



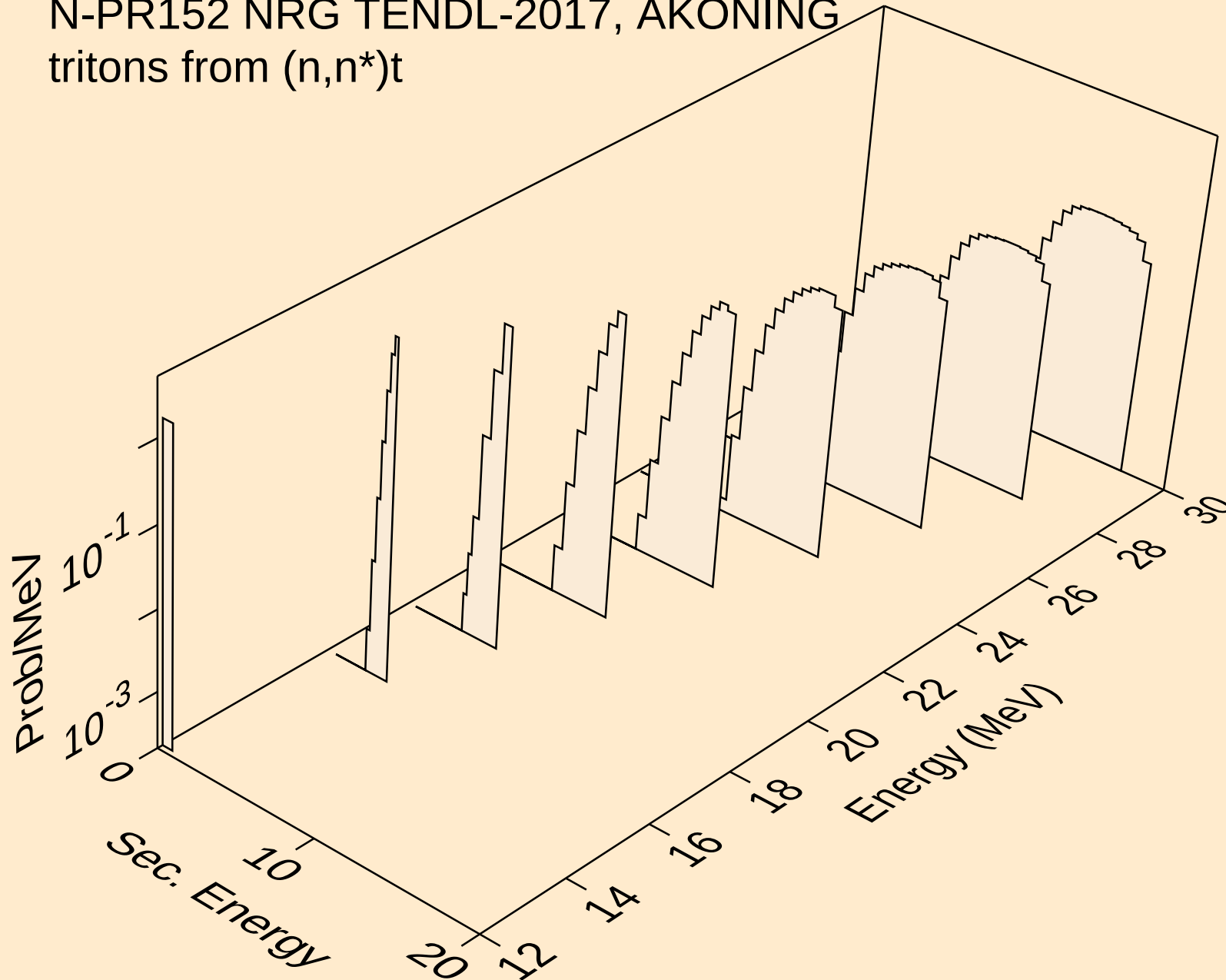
N-PR152 NRG TENDL-2017, AKONING  
deuterons from (n,d)



N-PR152 NRG TENDL-2017, AKONING  
tritons from (n,x)

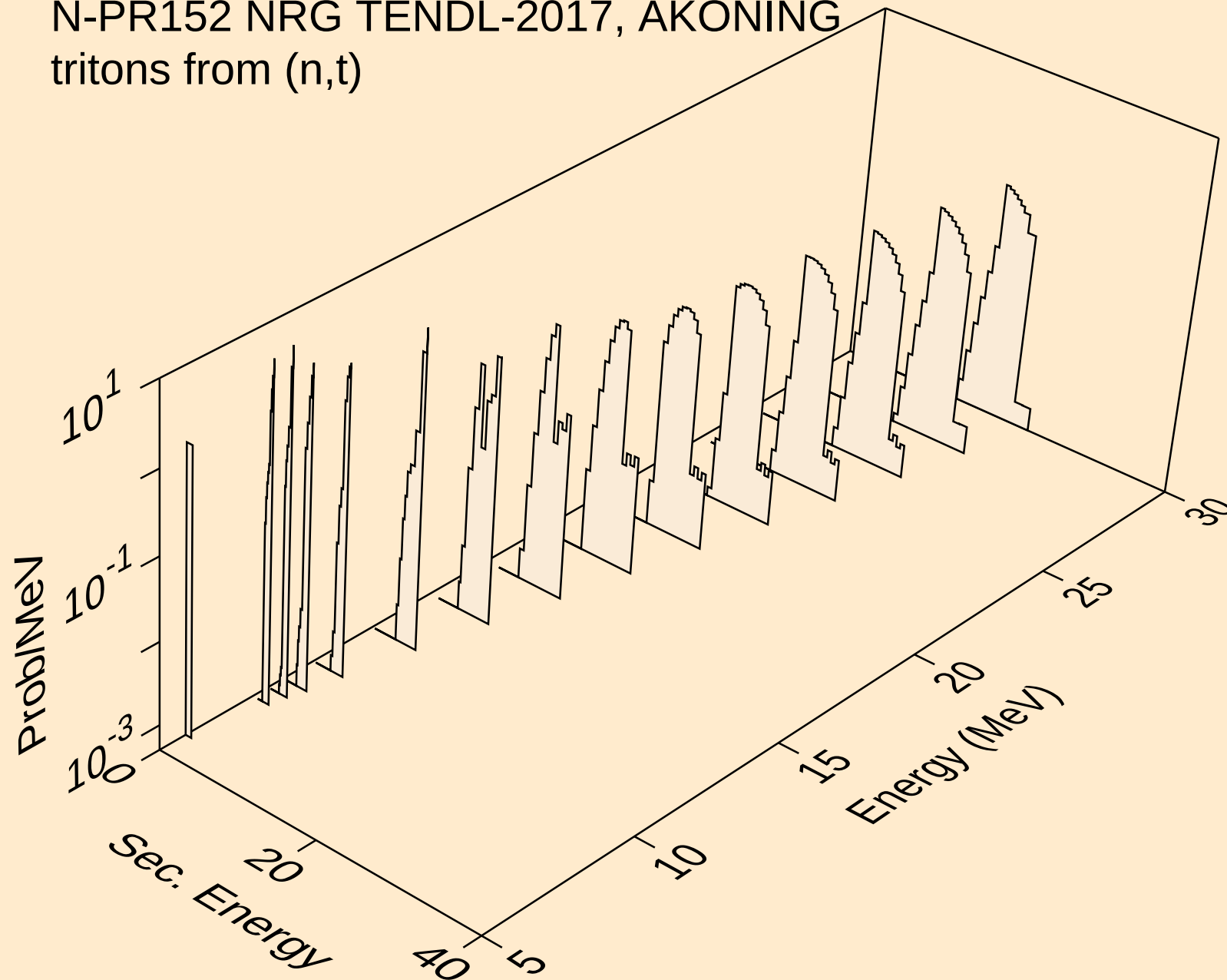


N-PR152 NRG TENDL-2017, AKONING  
tritons from  $(n,n^*)t$

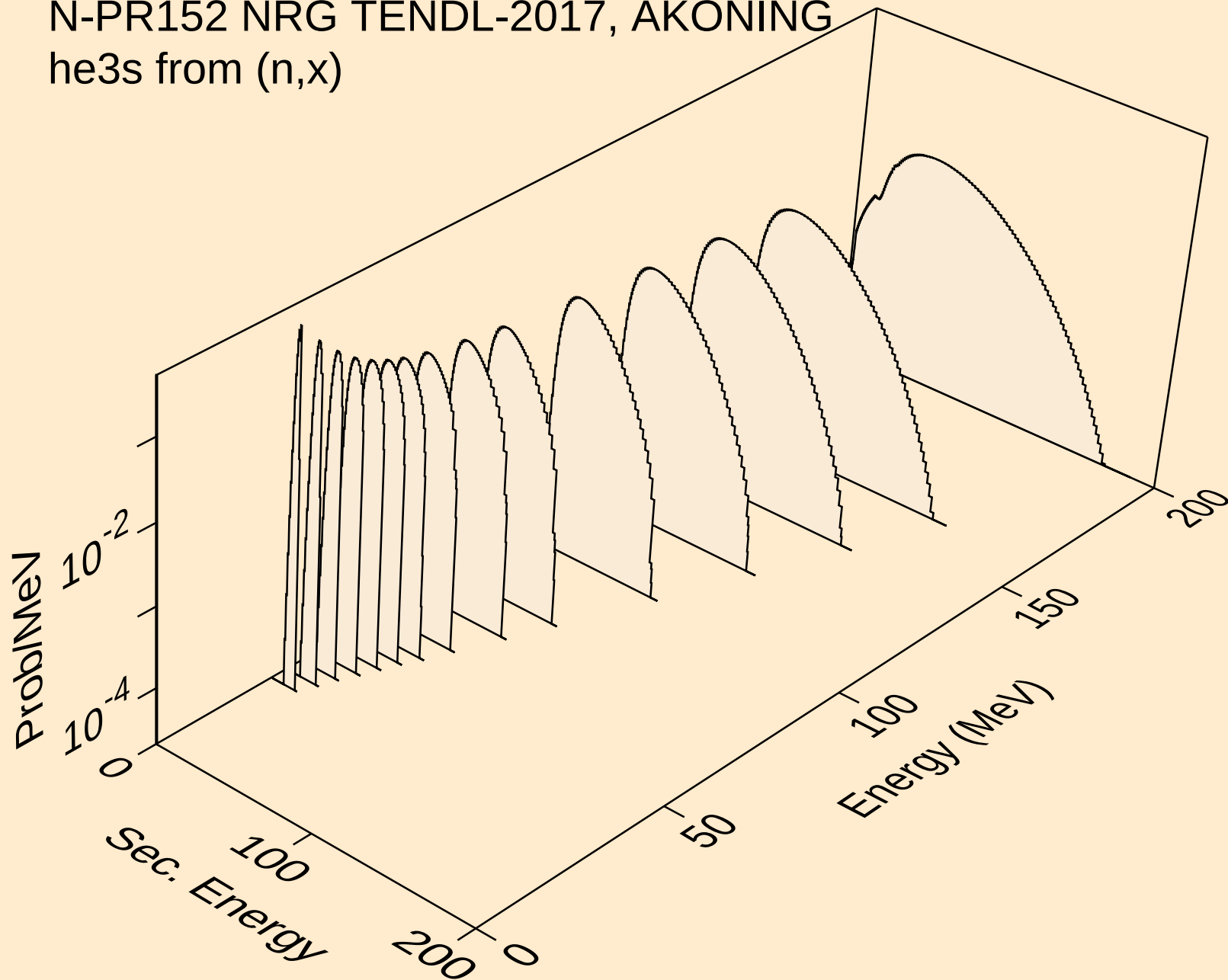




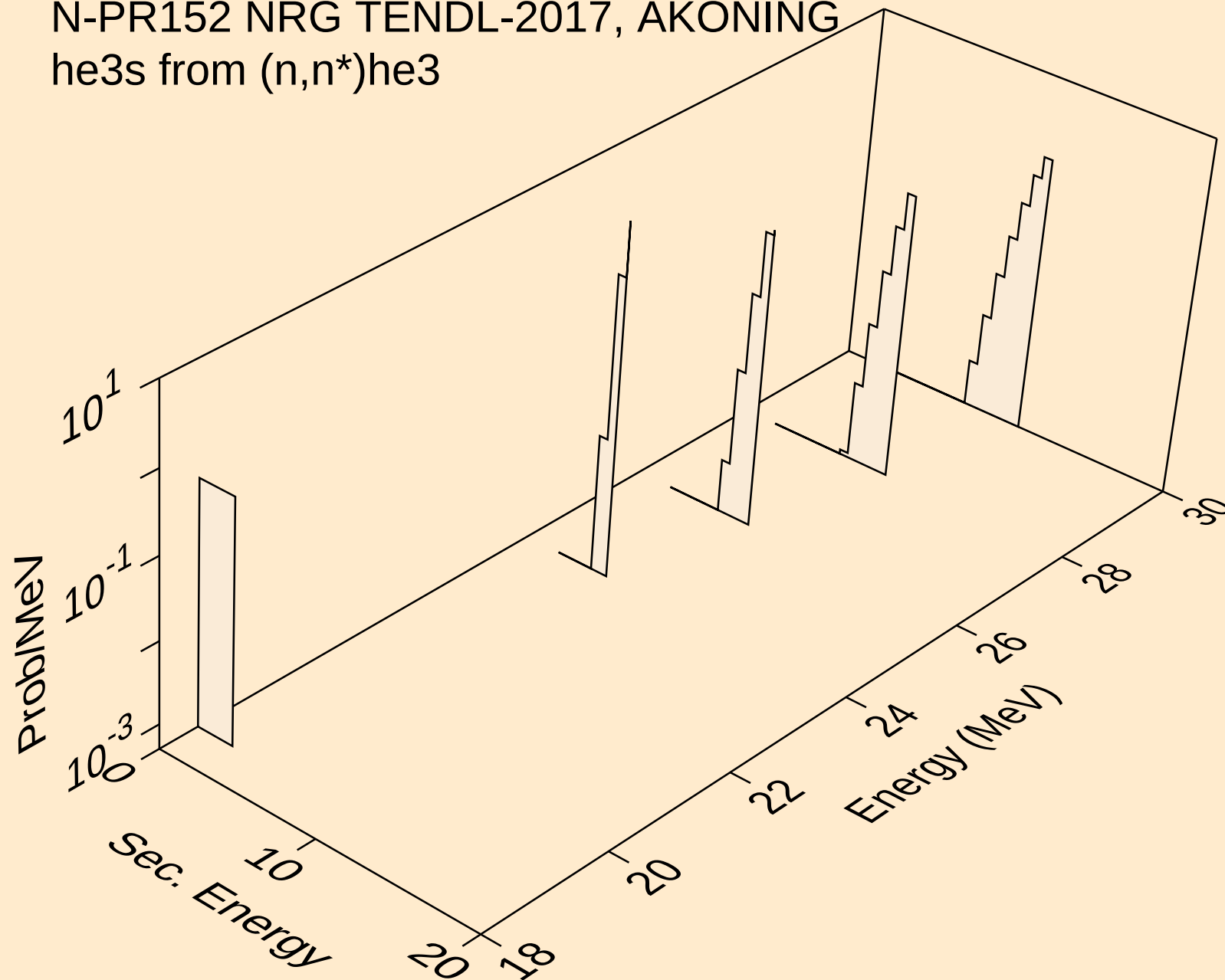
N-PR152 NRG TENDL-2017, AKONING  
tritons from (n,t)



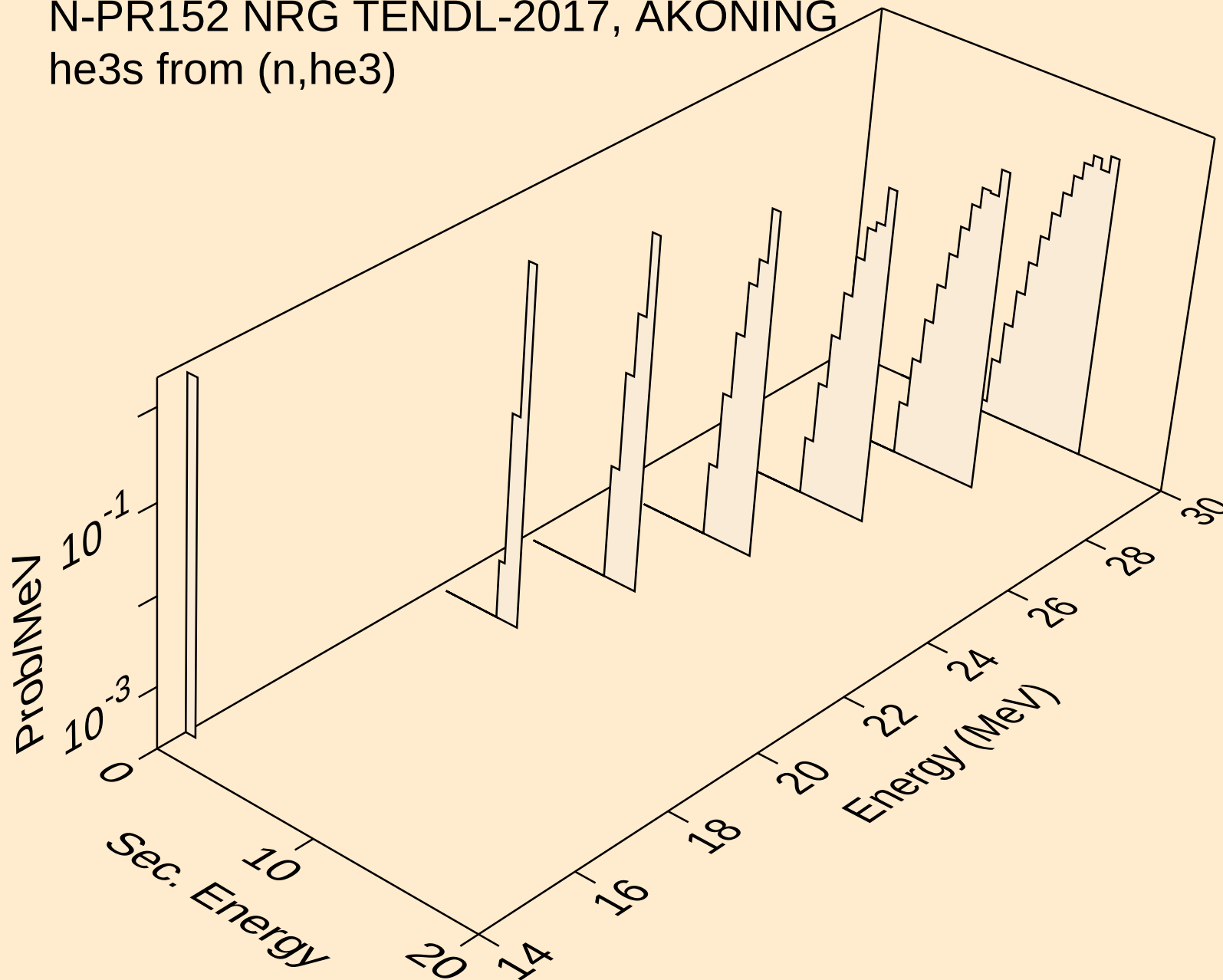
N-PR152 NRG TENDL-2017, AKONING  
he3s from (n,x)



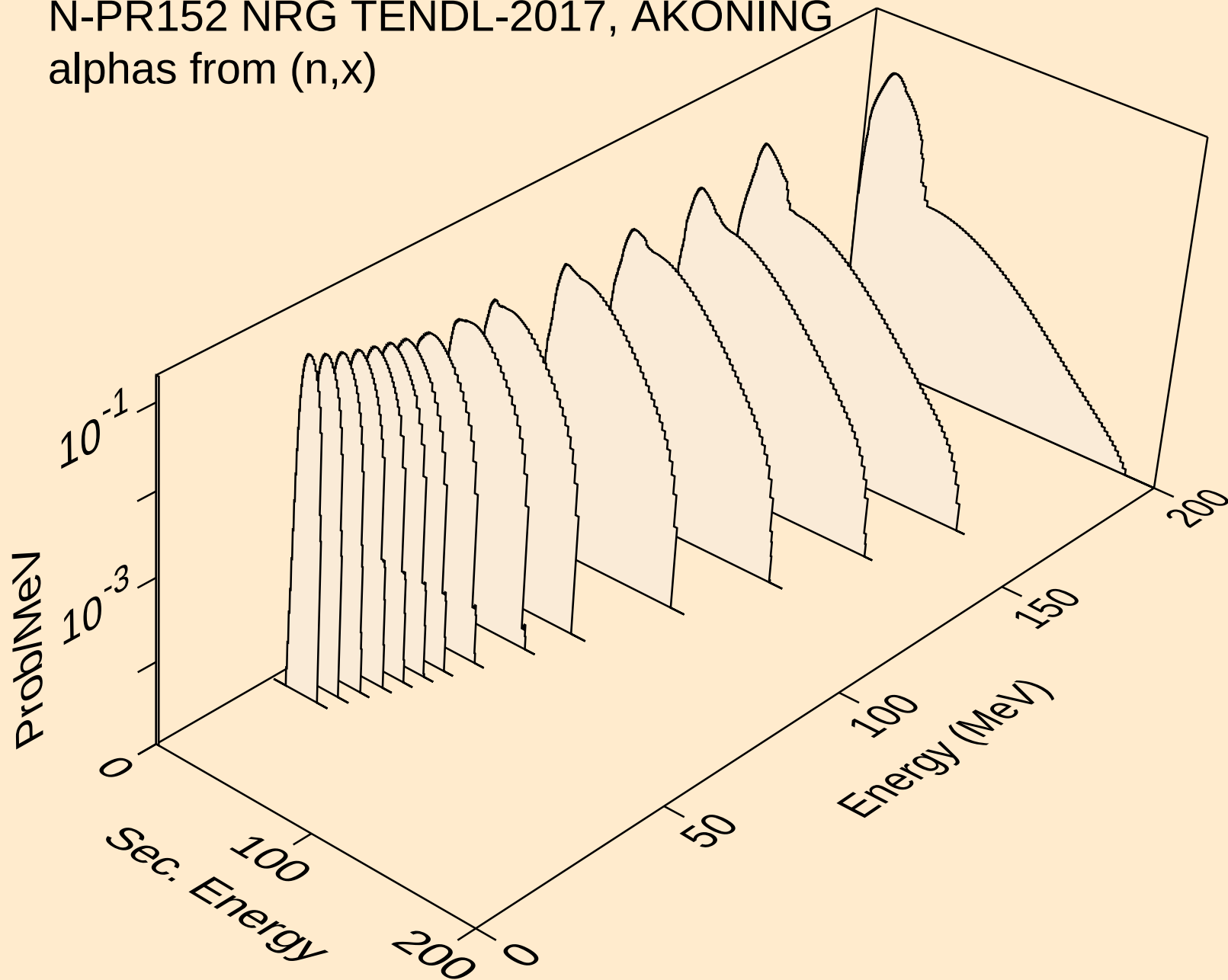
N-PR152 NRG TENDL-2017, AKONING  
he3s from (n,n\*)he3



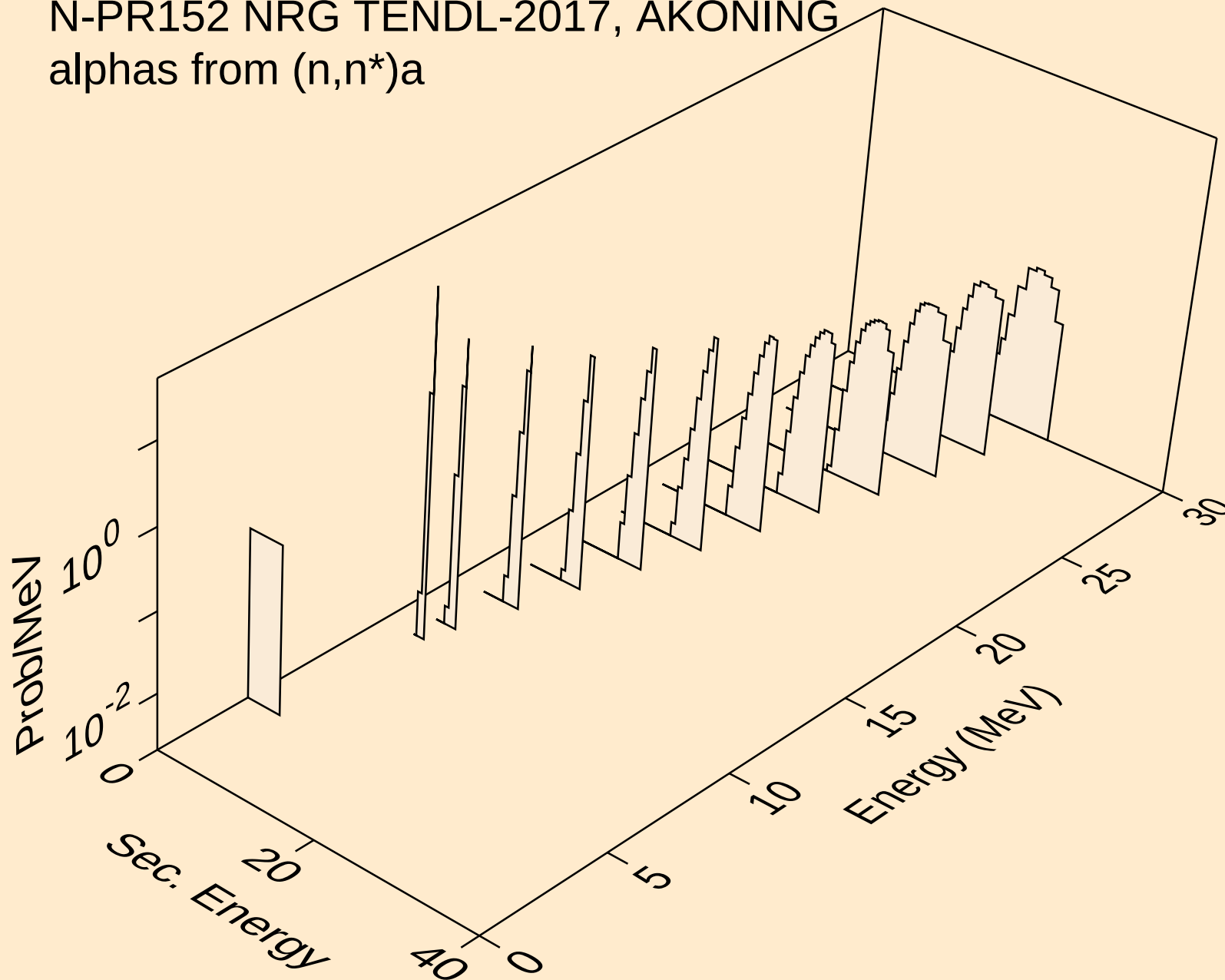
N-PR152 NRG TENDL-2017, AKONING  
he3s from (n,he3)



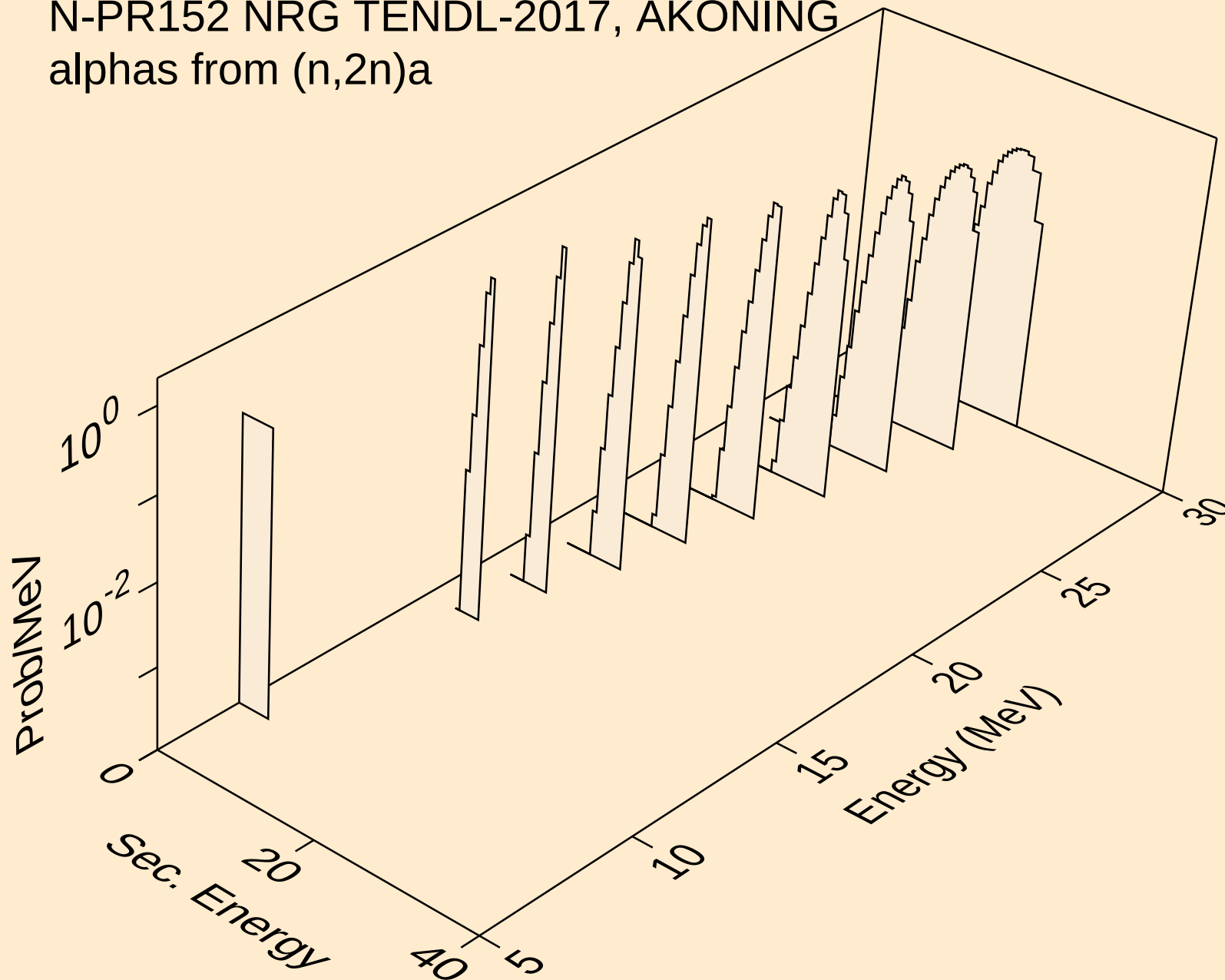
N-PR152 NRG TENDL-2017, AKONING  
alphas from (n,x)



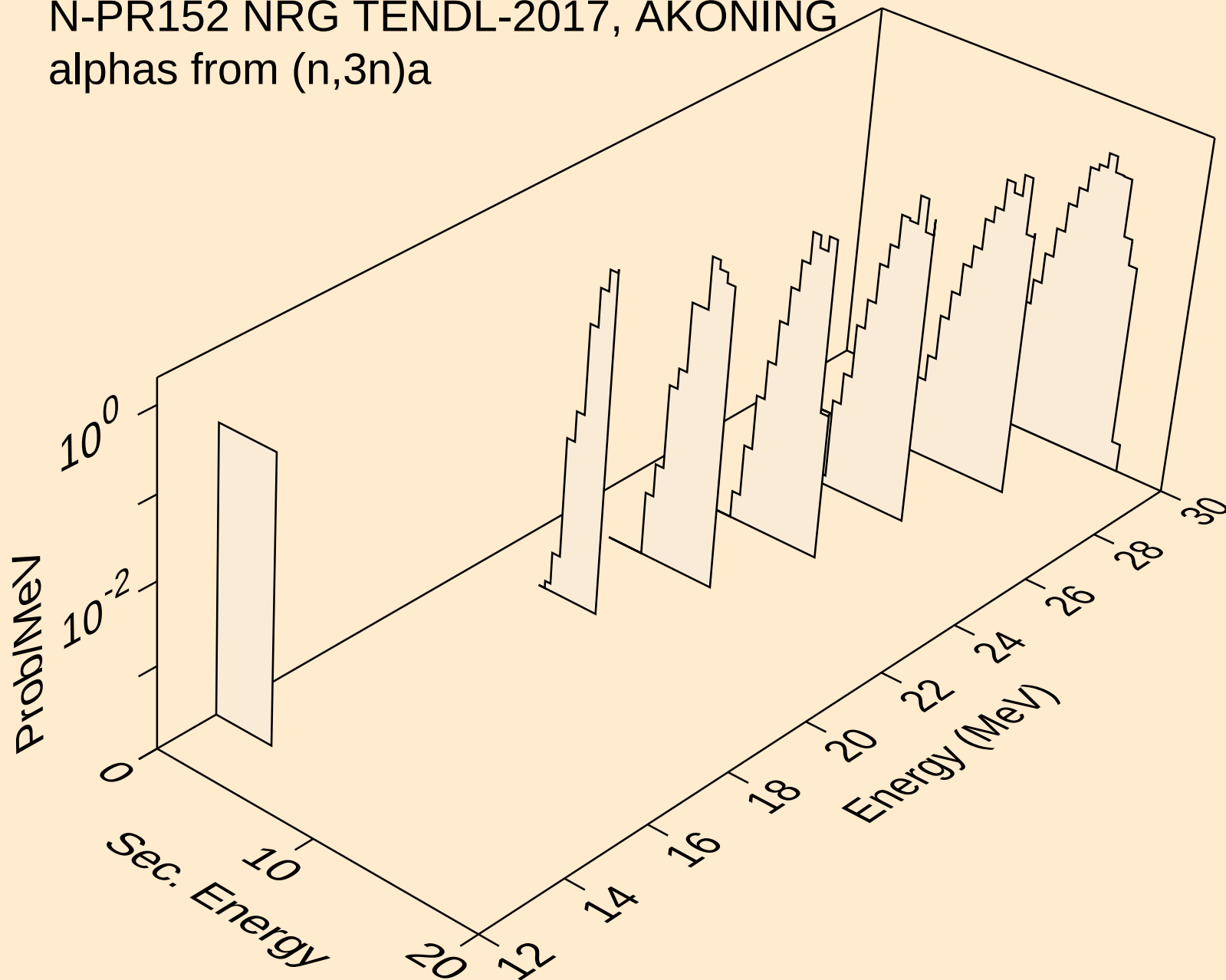
N-PR152 NRG TENDL-2017, AKONING  
alphas from (n,n\*)a



N-PR152 NRG TENDL-2017, AKONING  
alphas from (n,2n)a



N-PR152 NRG TENDL-2017, AKONING  
alphas from (n,3n)a





N-PR152 NRG TENDL-2017, AKONING  
alphas from (n,a)

