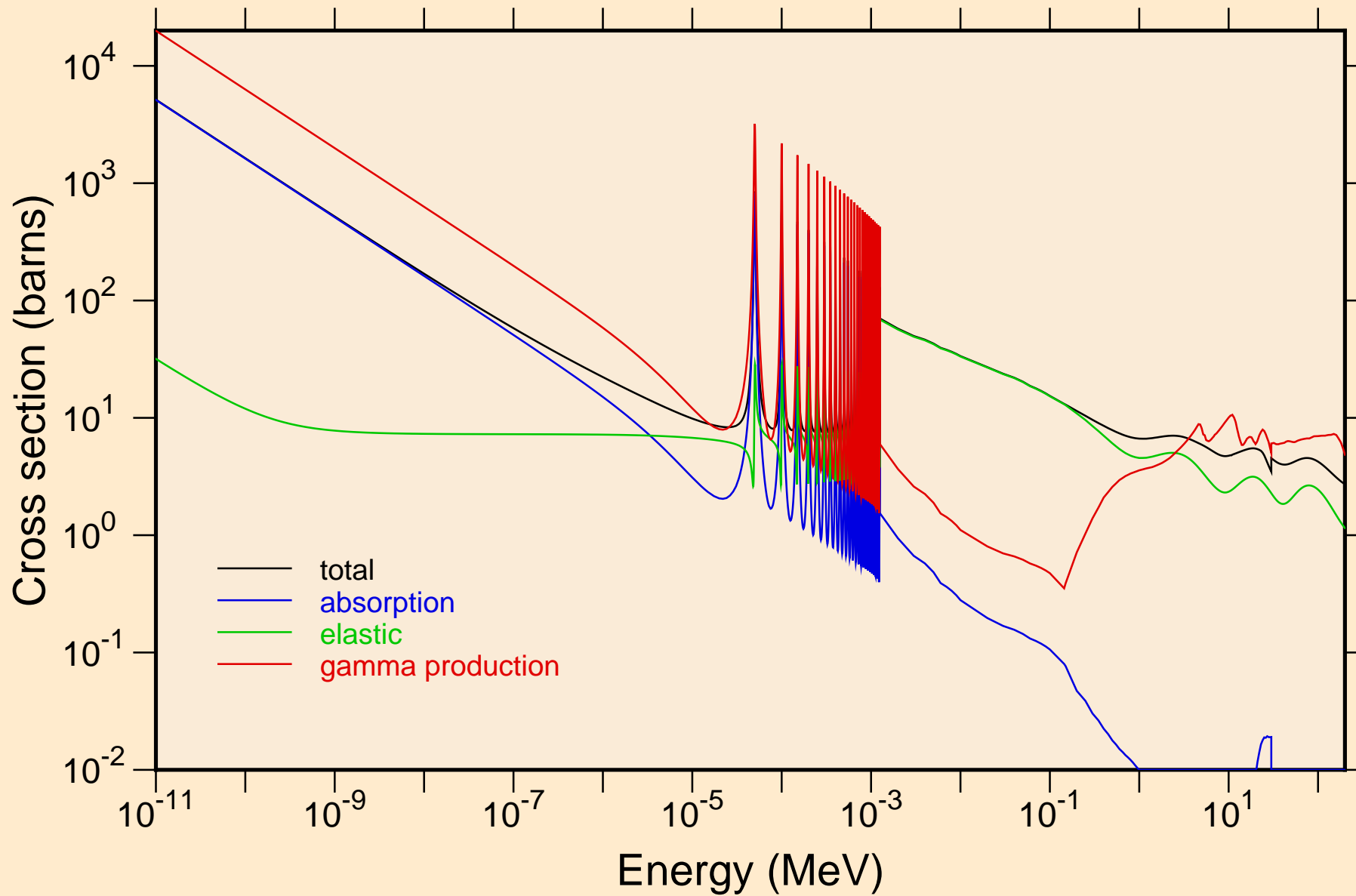
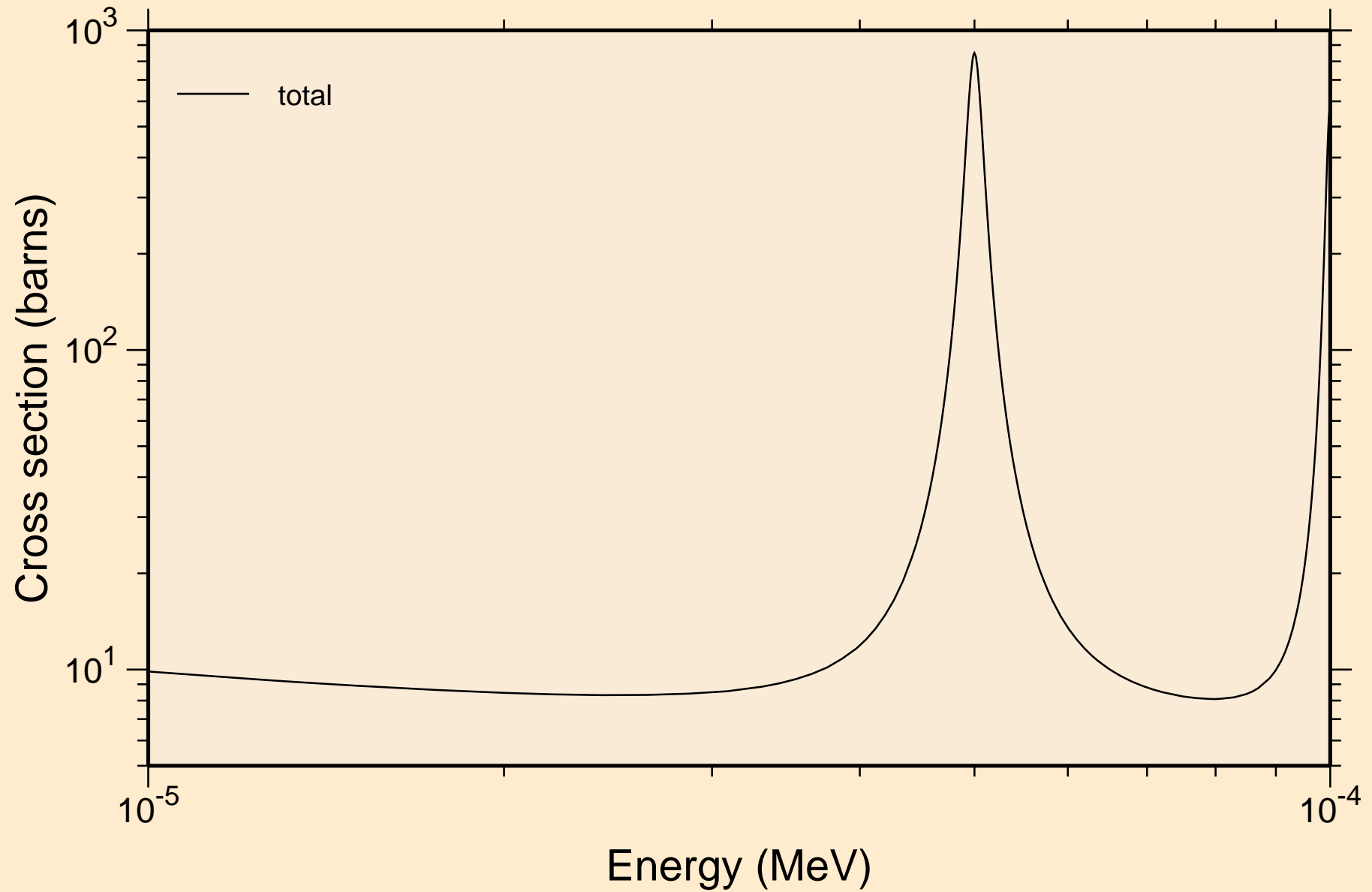


# YB181 NRG TENDL-2015, AKONING

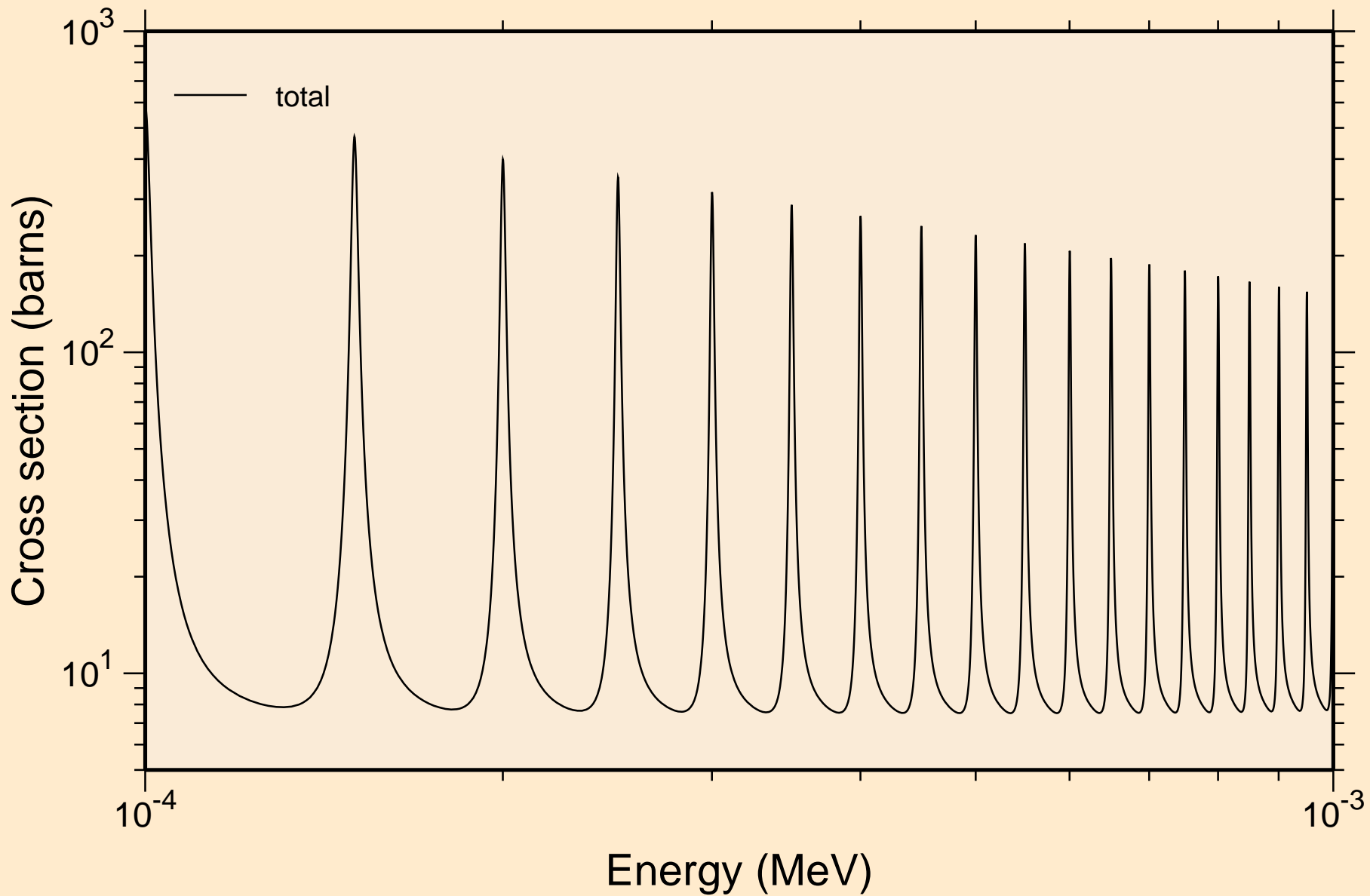
## Principal cross sections



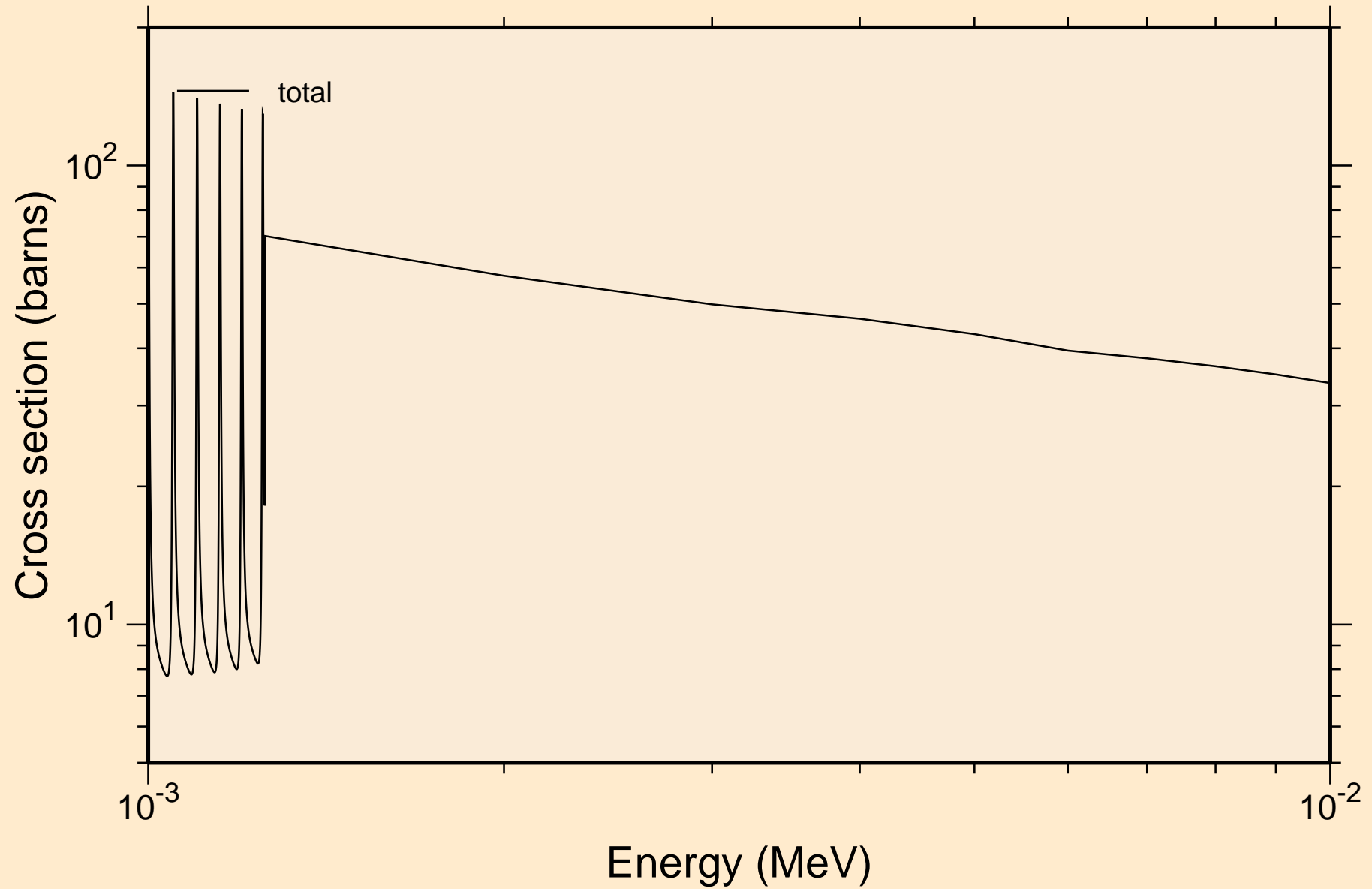
YB181 NRG TENDL-2015, AKONING  
resonance total cross section



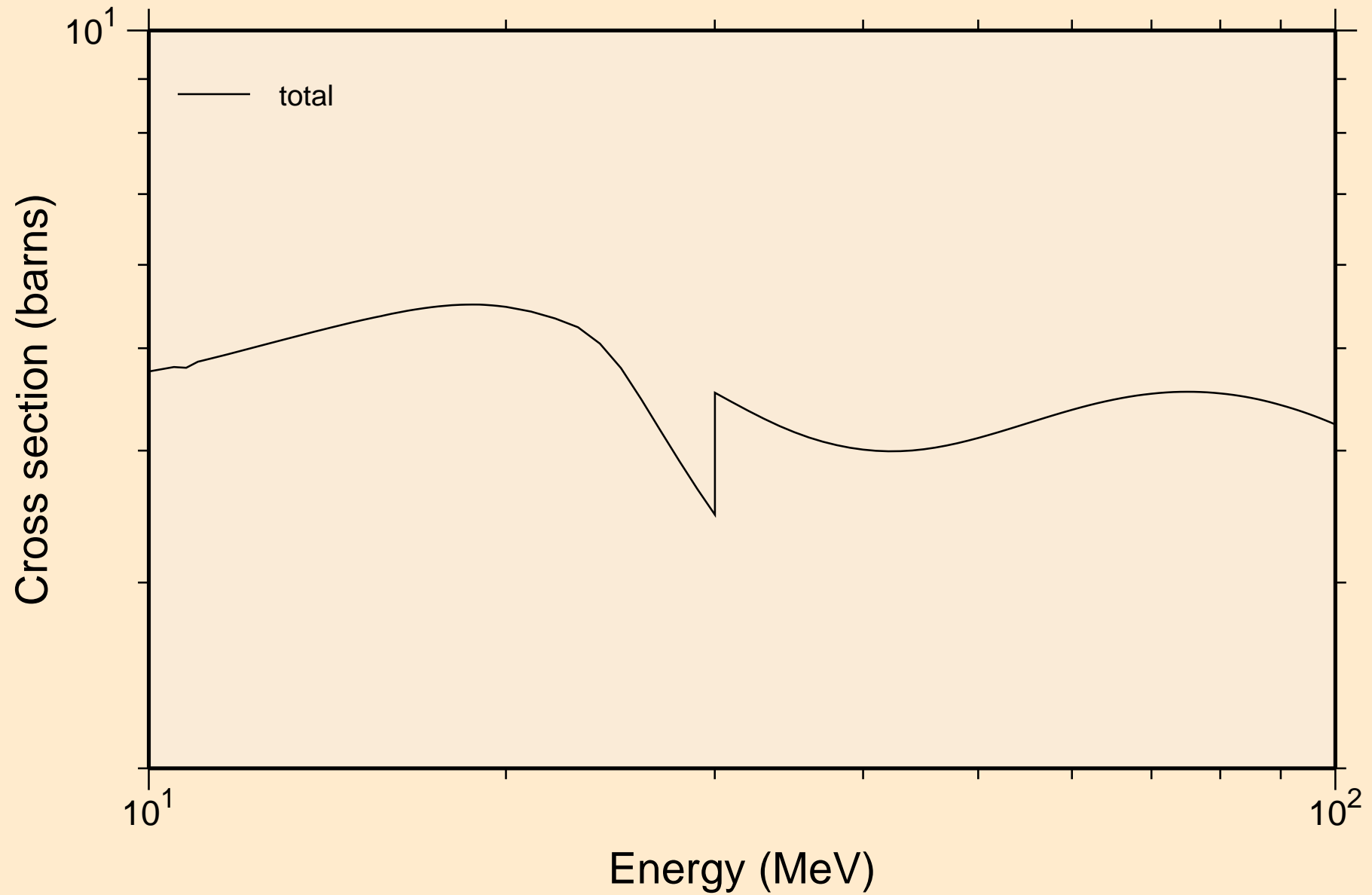
YB181 NRG TENDL-2015, AKONING  
resonance total cross section



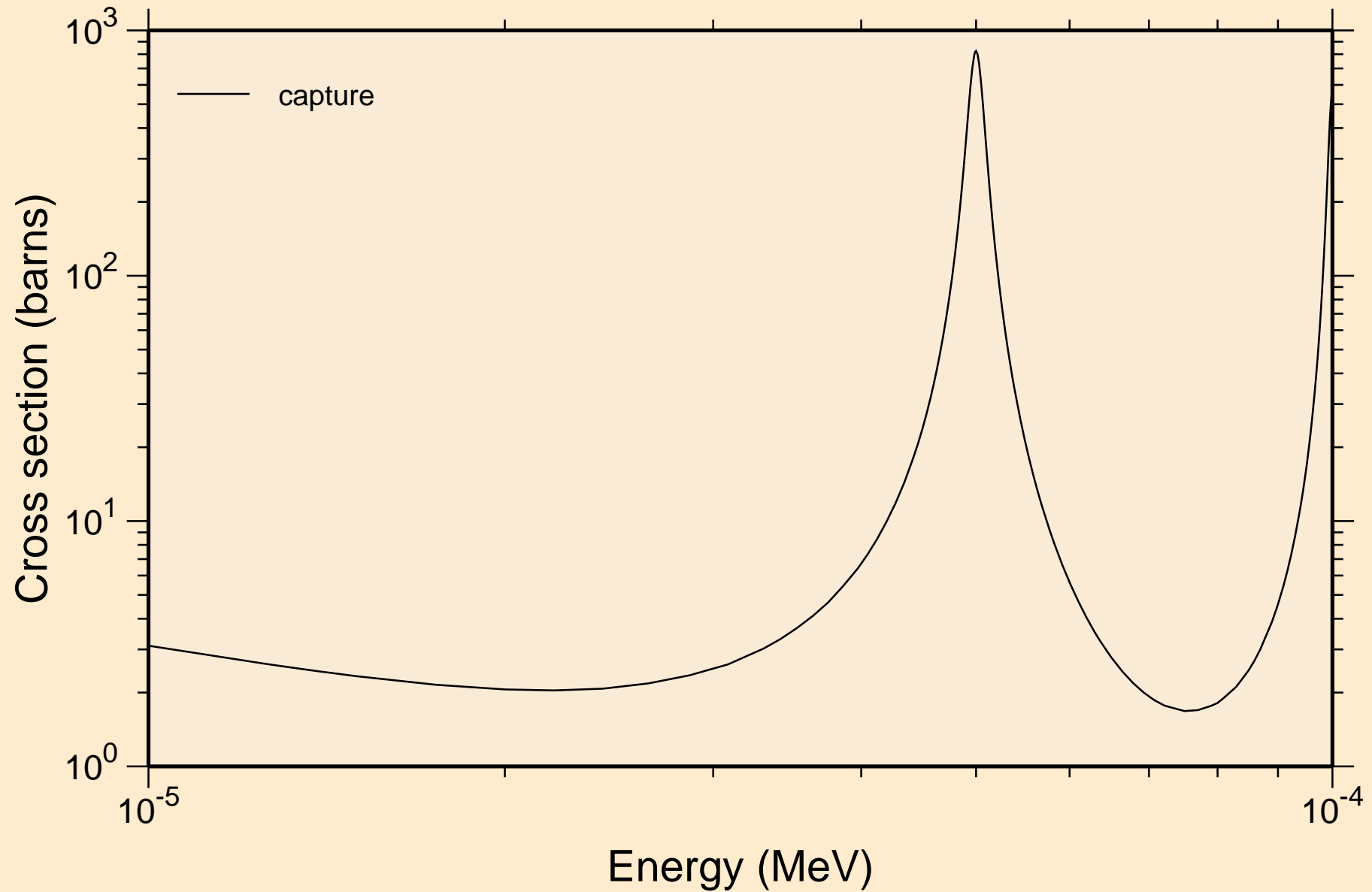
YB181 NRG TENDL-2015, AKONING  
resonance total cross section



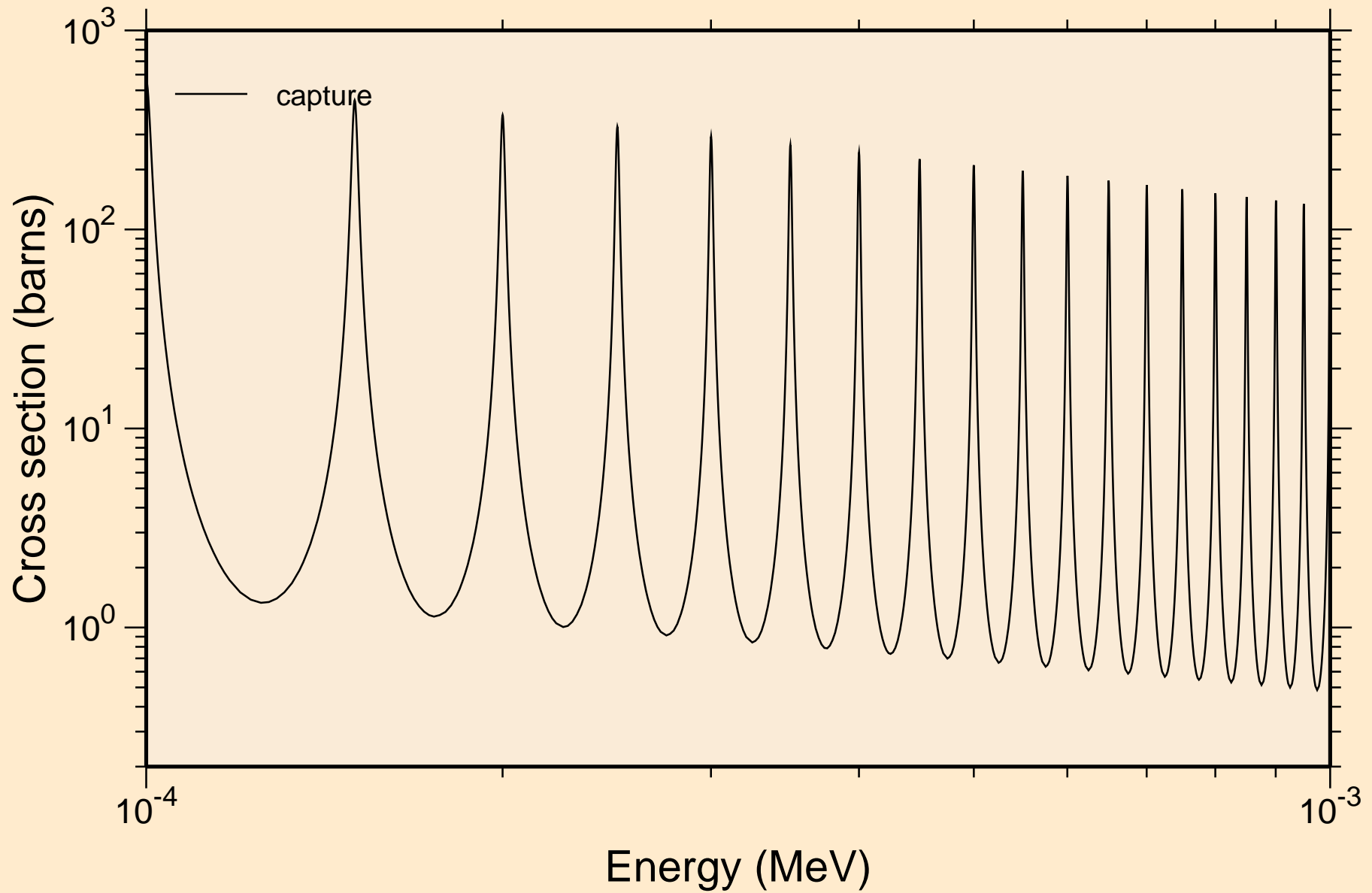
YB181 NRG TENDL-2015, AKONING  
resonance total cross section



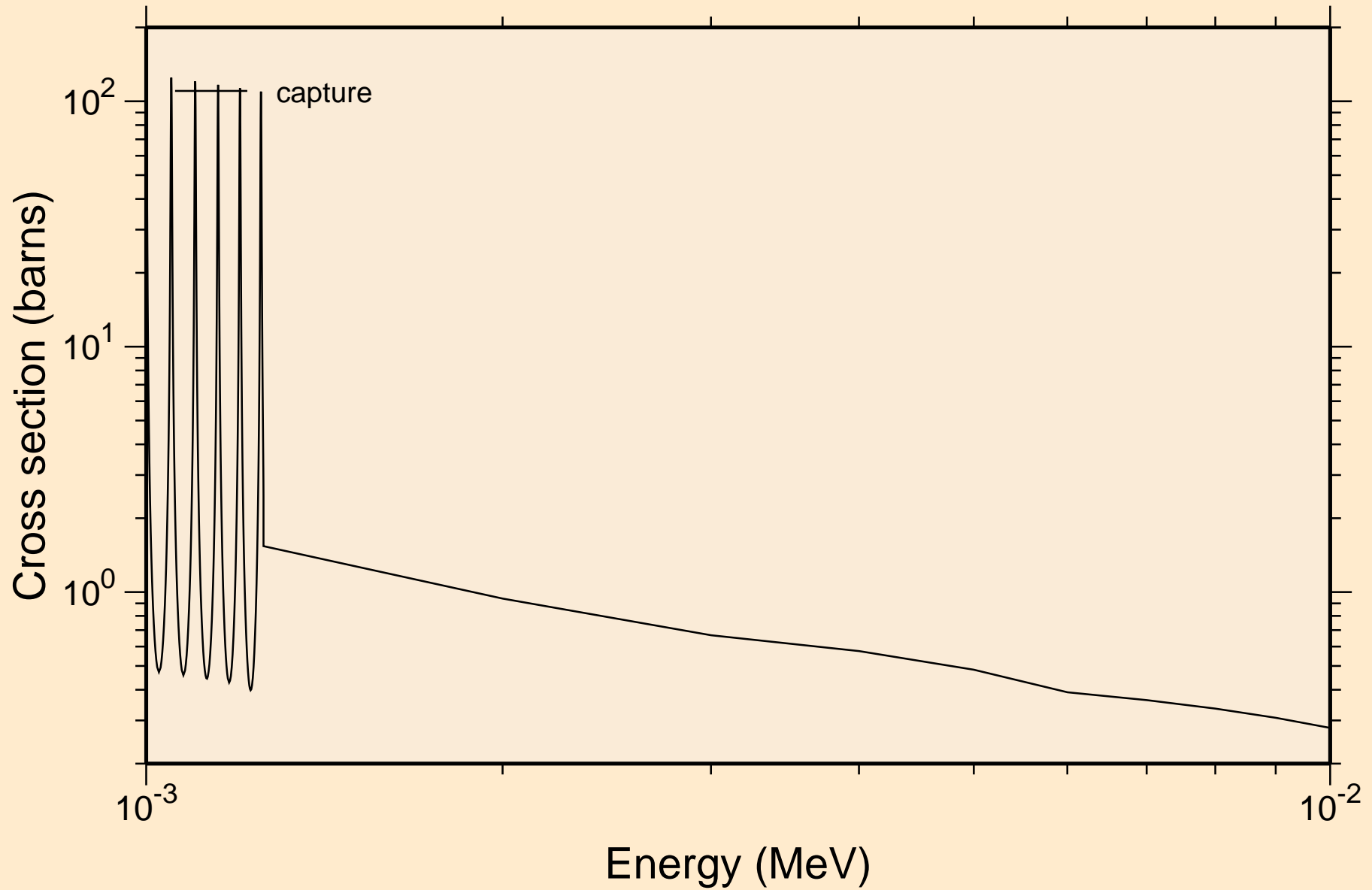
YB181 NRG TENDL-2015, AKONING  
resonance absorption cross sections



YB181 NRG TENDL-2015, AKONING  
resonance absorption cross sections

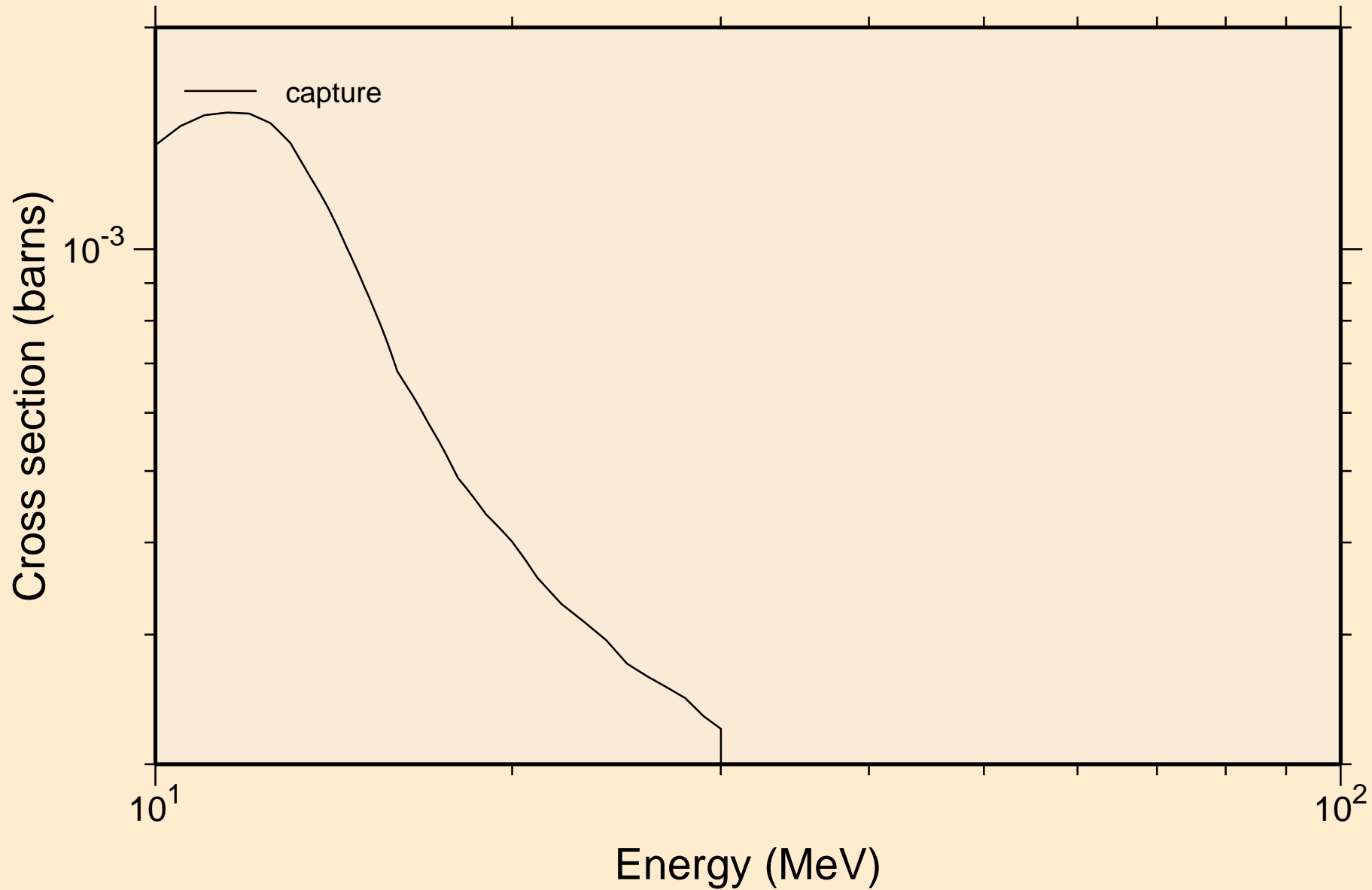


YB181 NRG TENDL-2015, AKONING  
resonance absorption cross sections

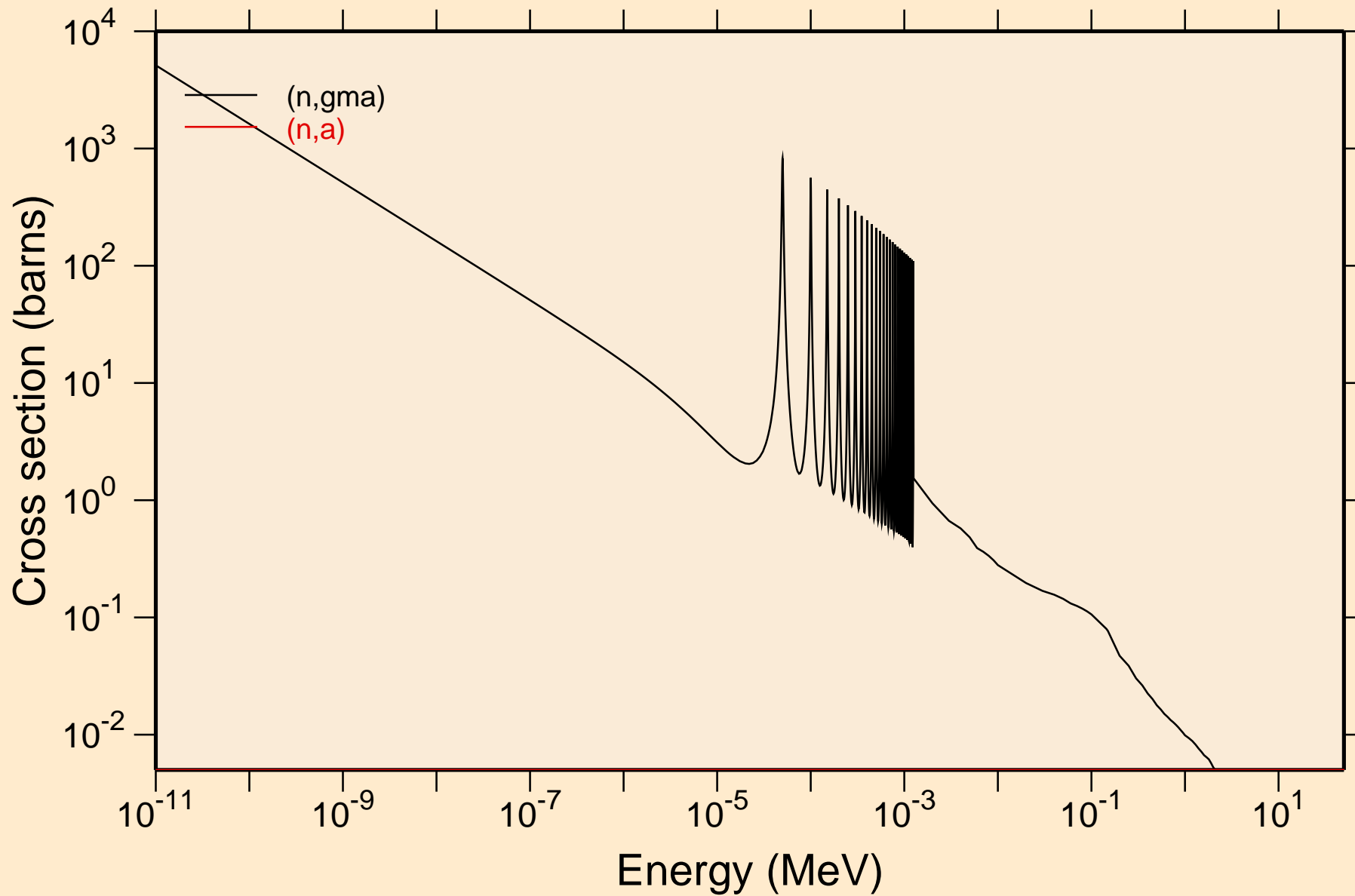




YB181 NRG TENDL-2015, AKONING  
resonance absorption cross sections

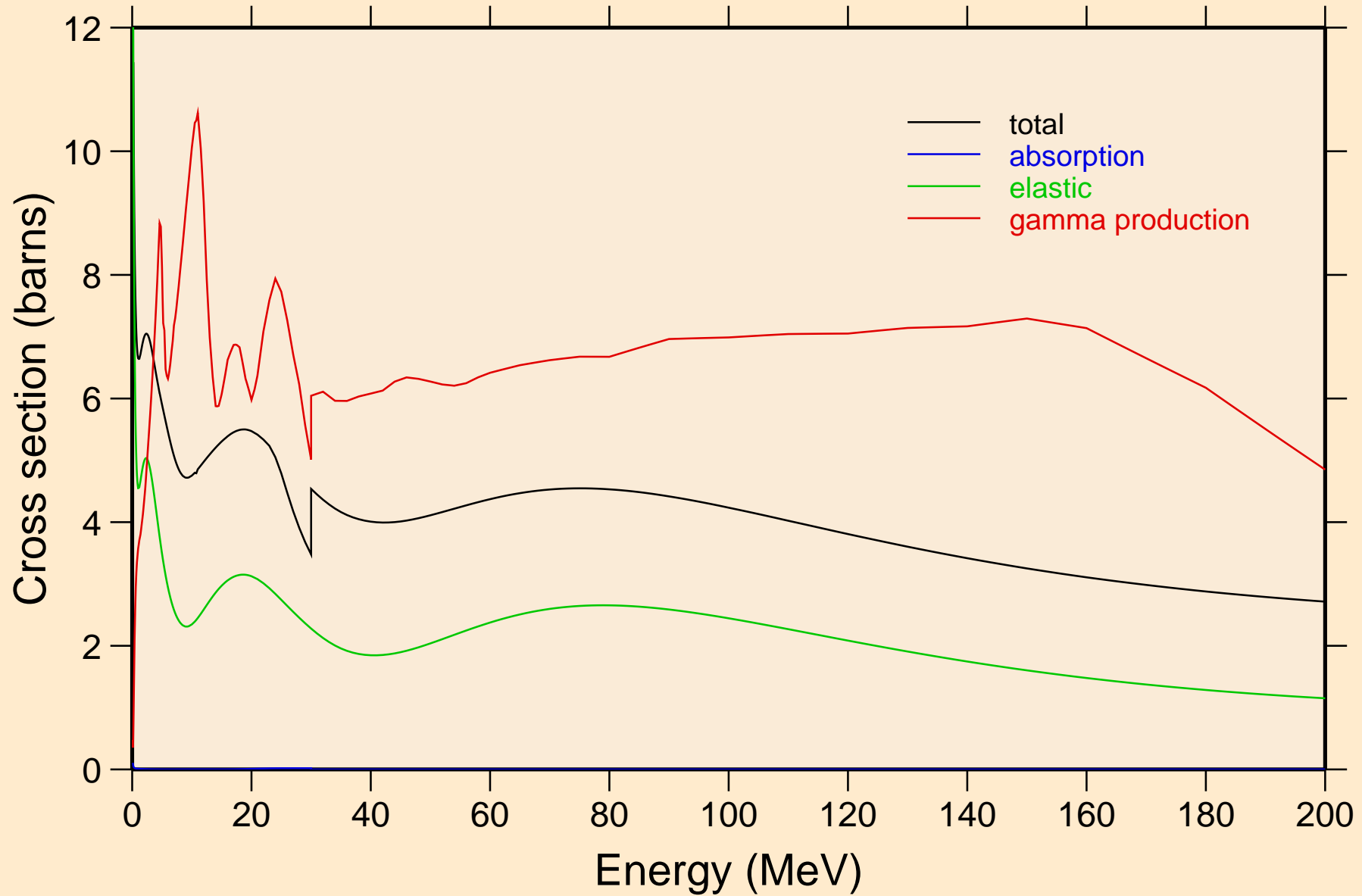


YB181 NRG TENDL-2015, AKONING  
Non-threshold reactions



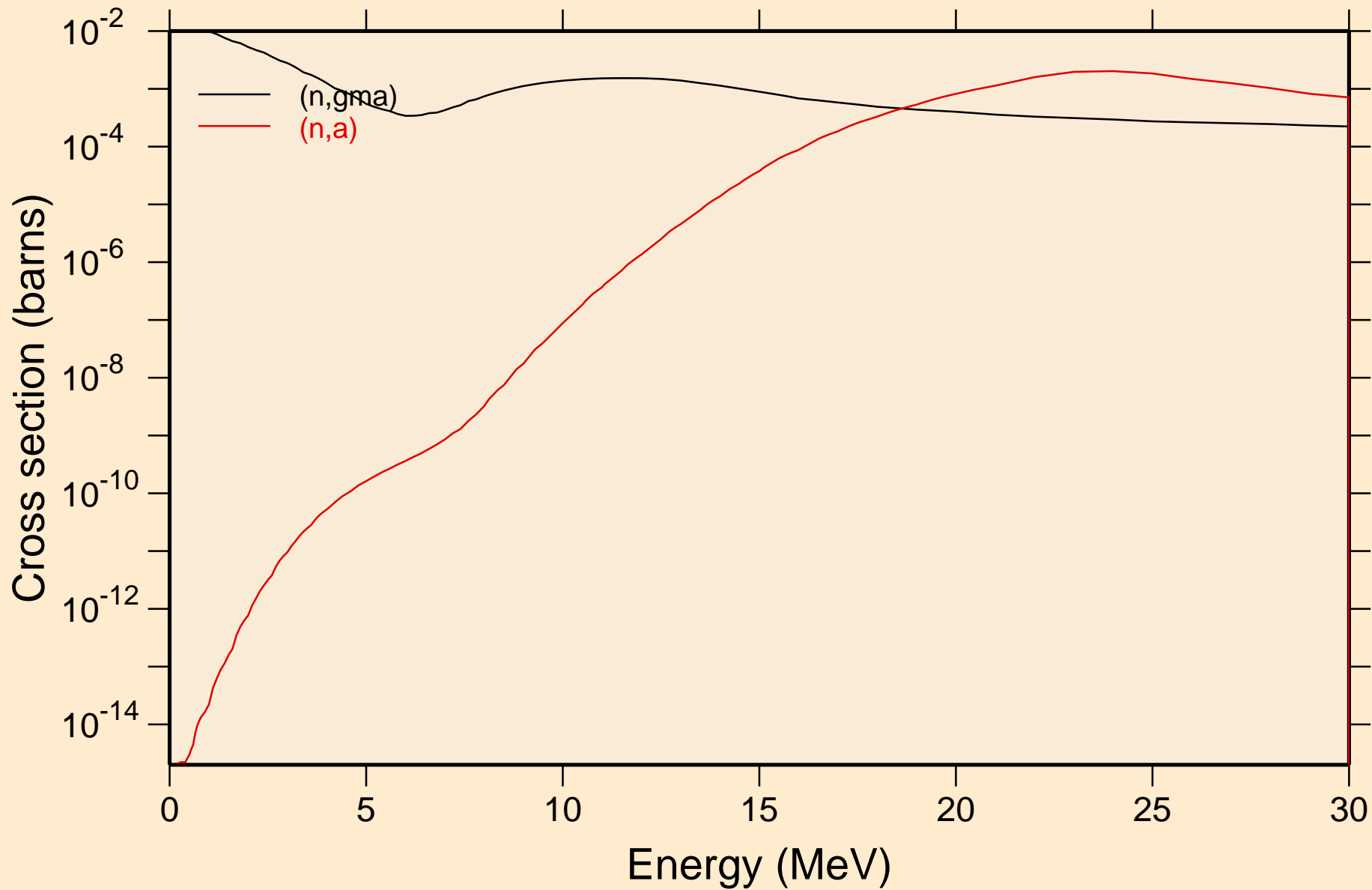
# YB181 NRG TENDL-2015, AKONING

## Principal cross sections

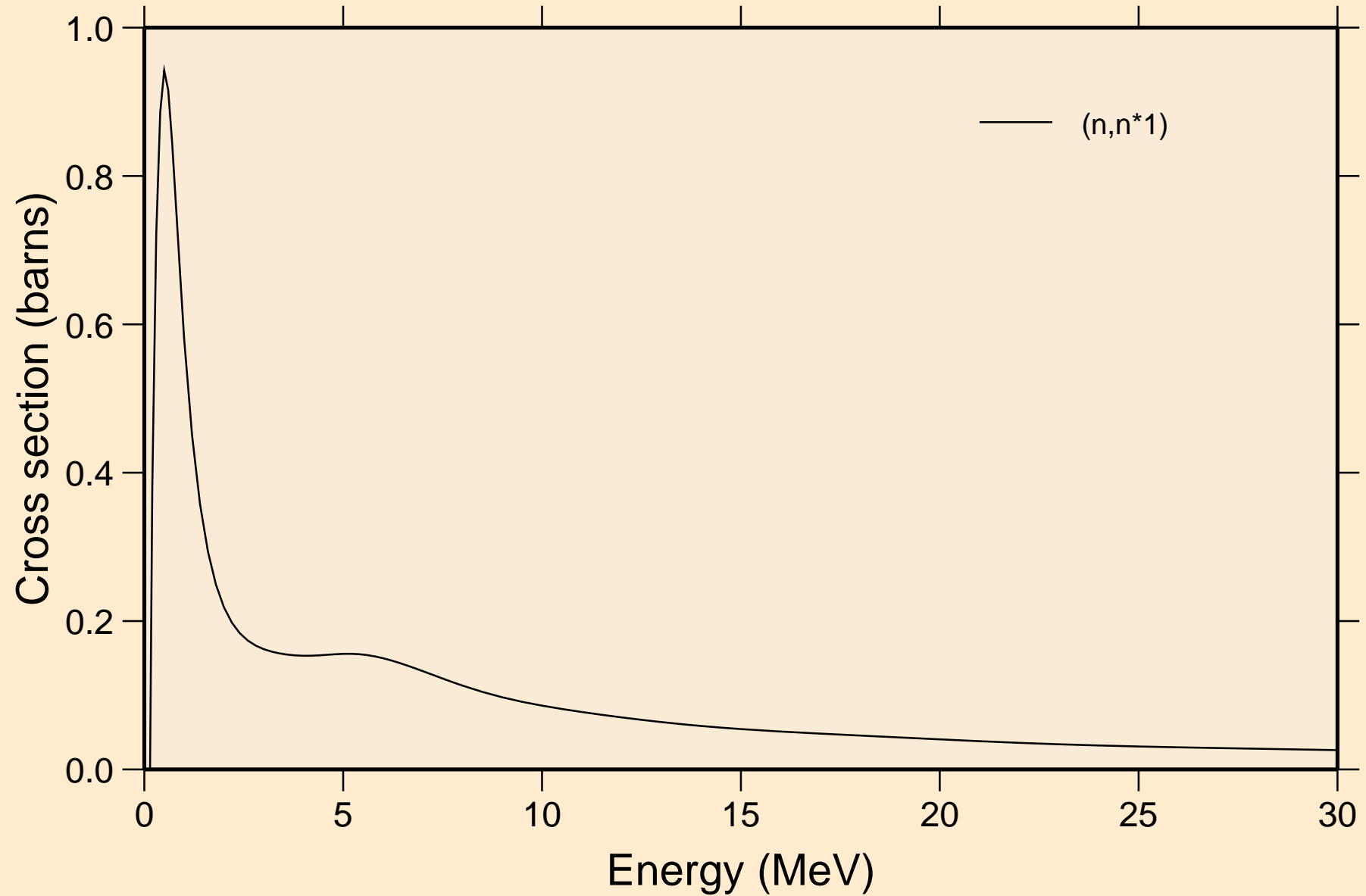


# YB181 NRG TENDL-2015, AKONING

## Non-threshold reactions

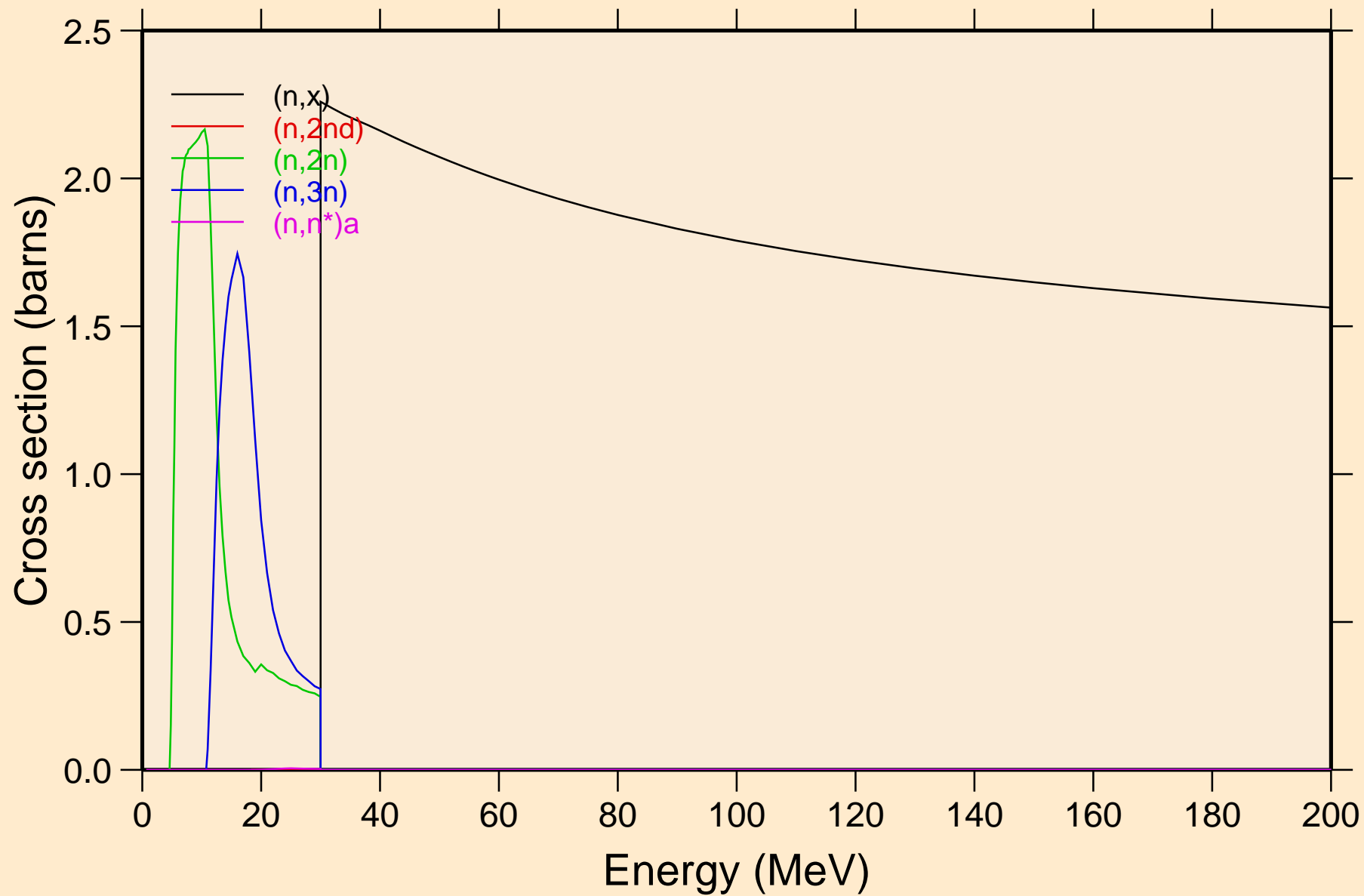


YB181 NRG TENDL-2015, AKONING  
Inelastic levels



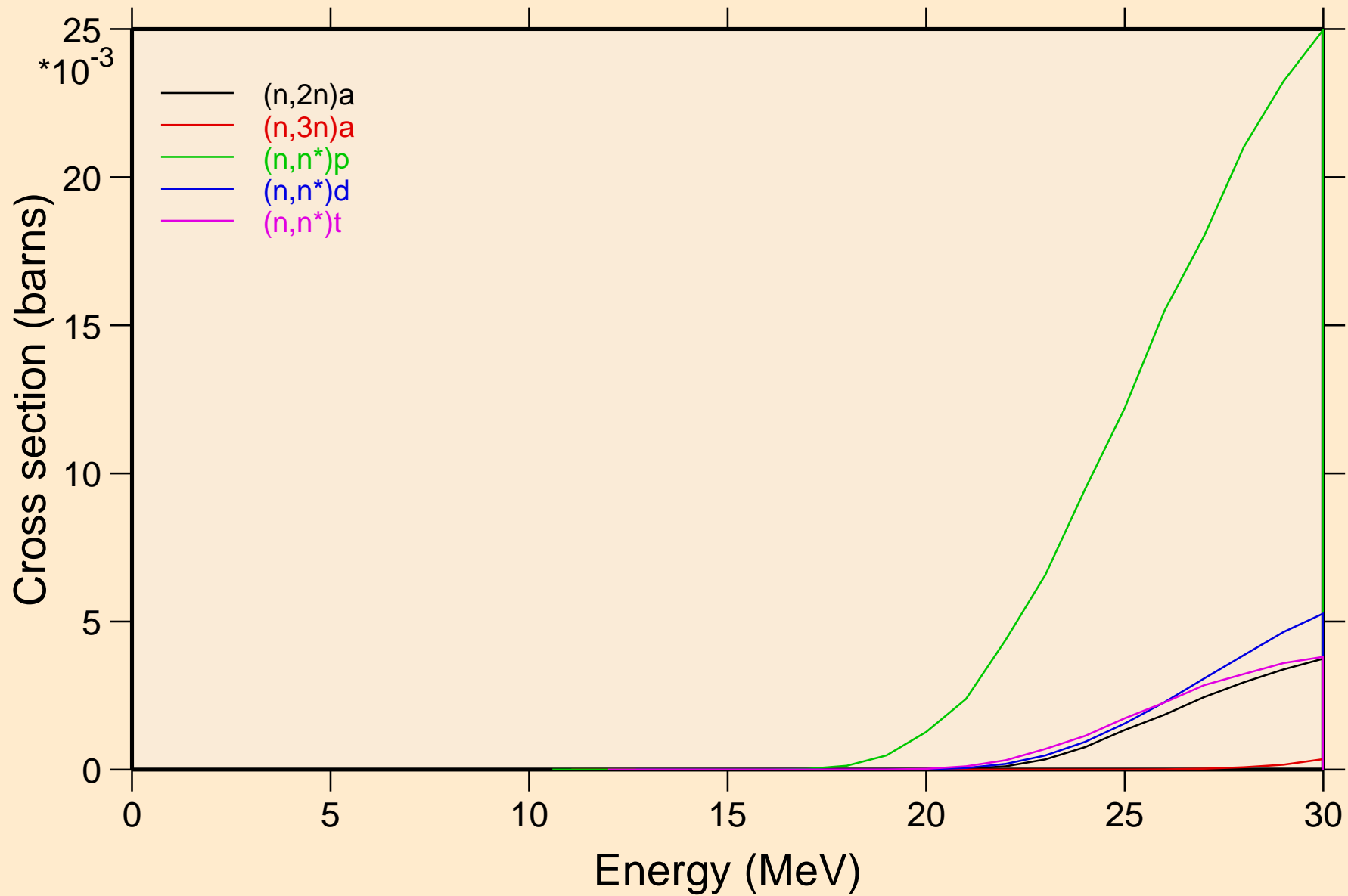
# YB181 NRG TENDL-2015, AKONING

## Threshold reactions



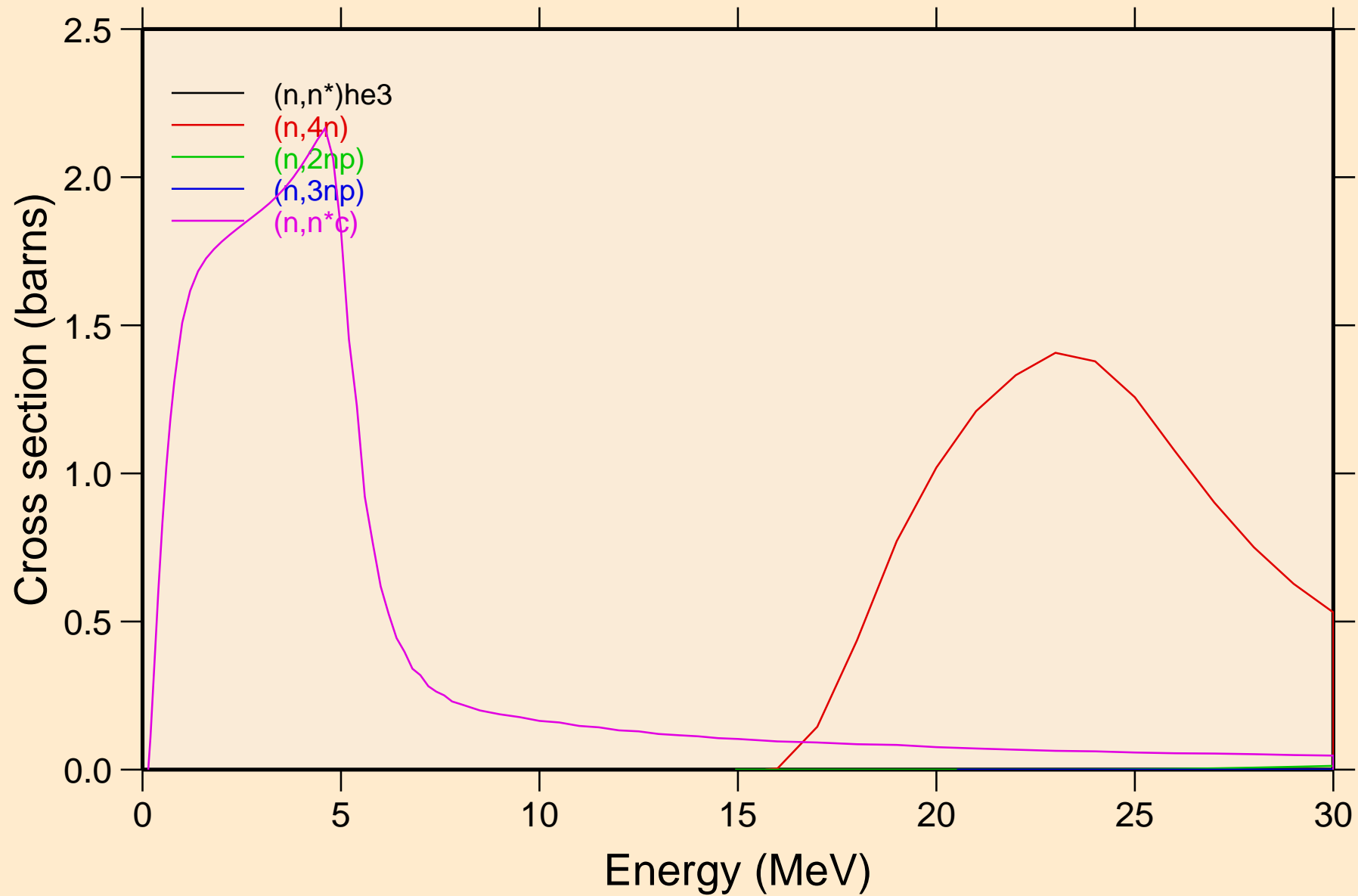
# YB181 NRG TENDL-2015, AKONING

## Threshold reactions



# YB181 NRG TENDL-2015, AKONING

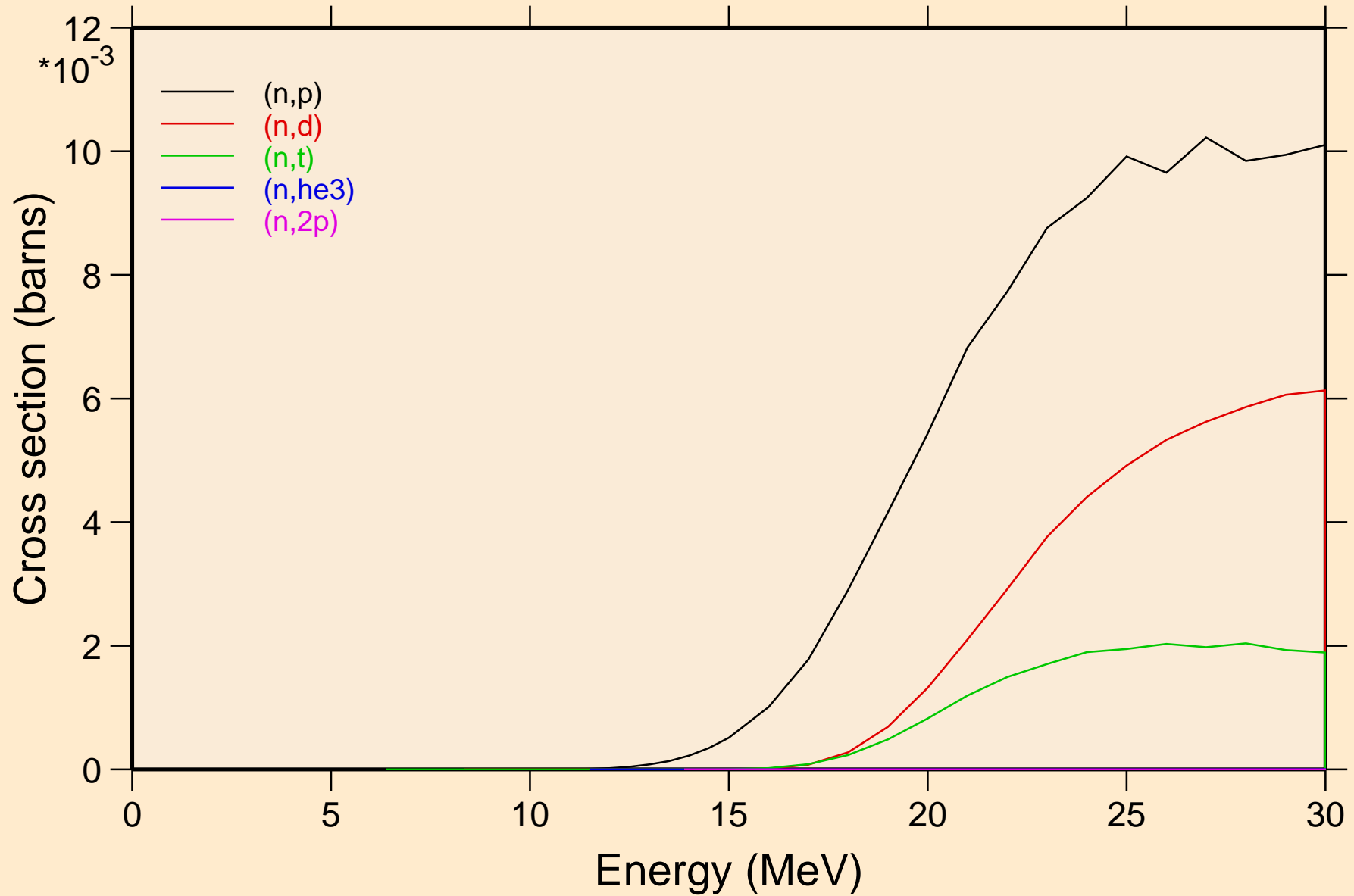
## Threshold reactions



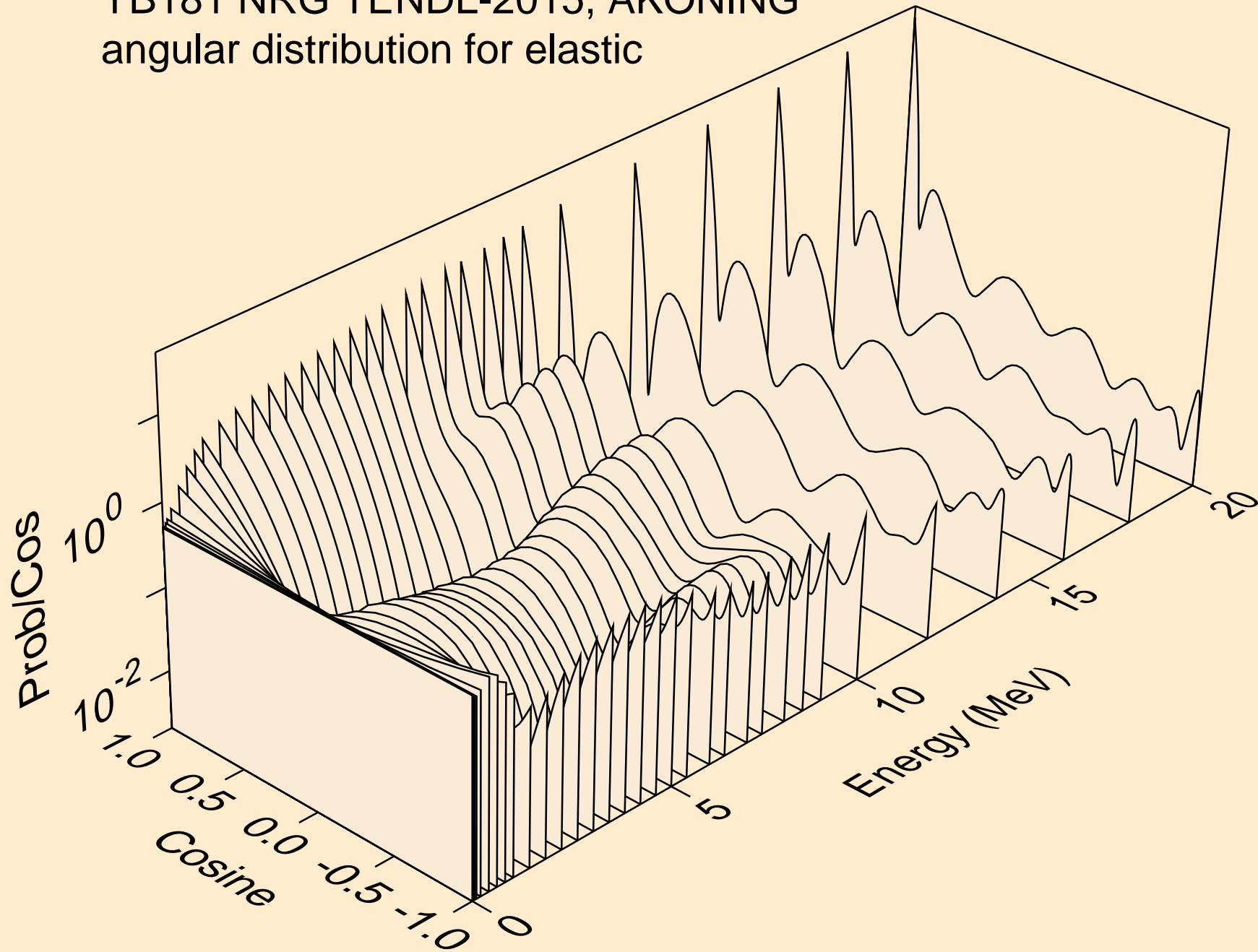


# YB181 NRG TENDL-2015, AKONING

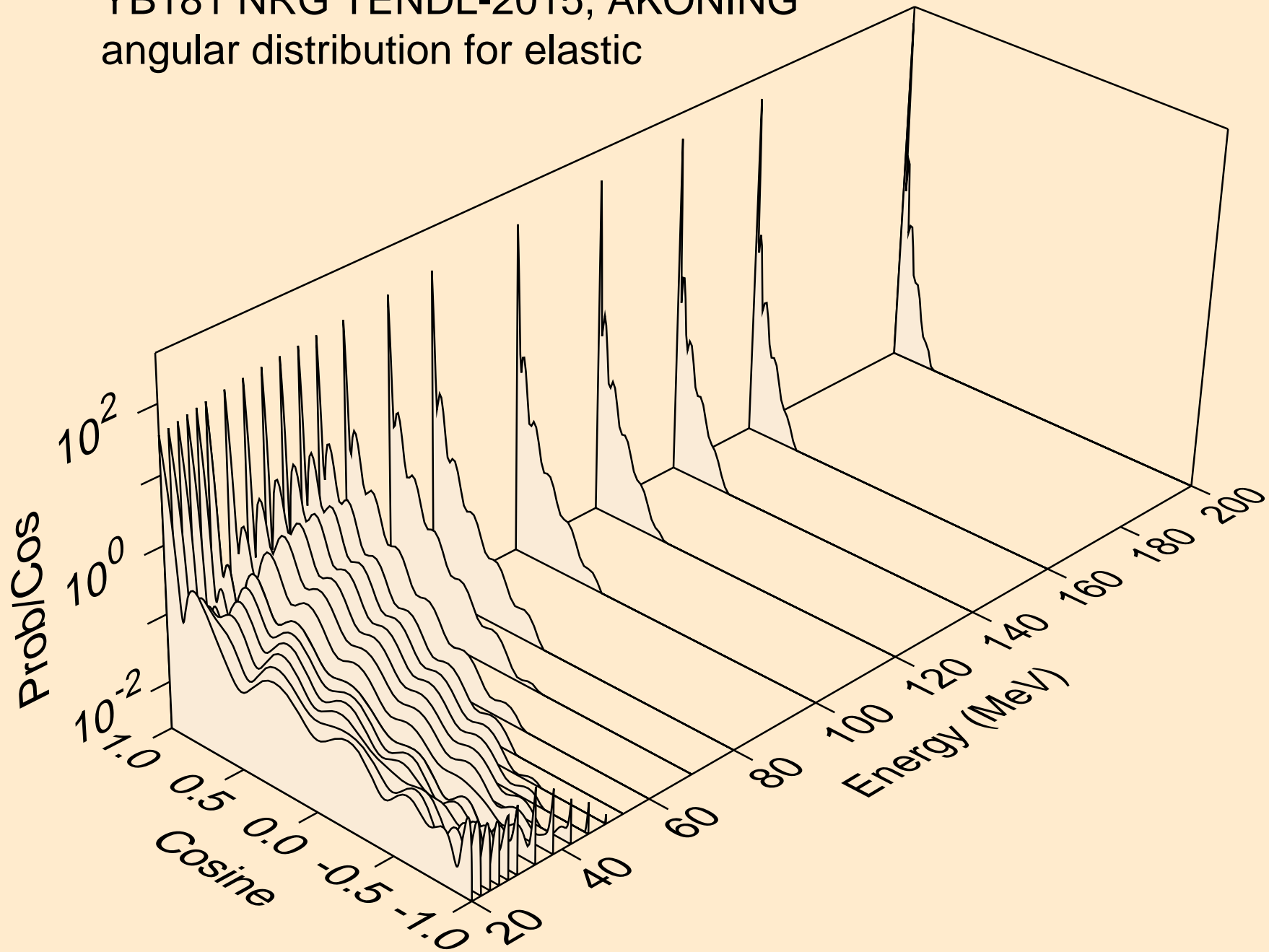
## Threshold reactions



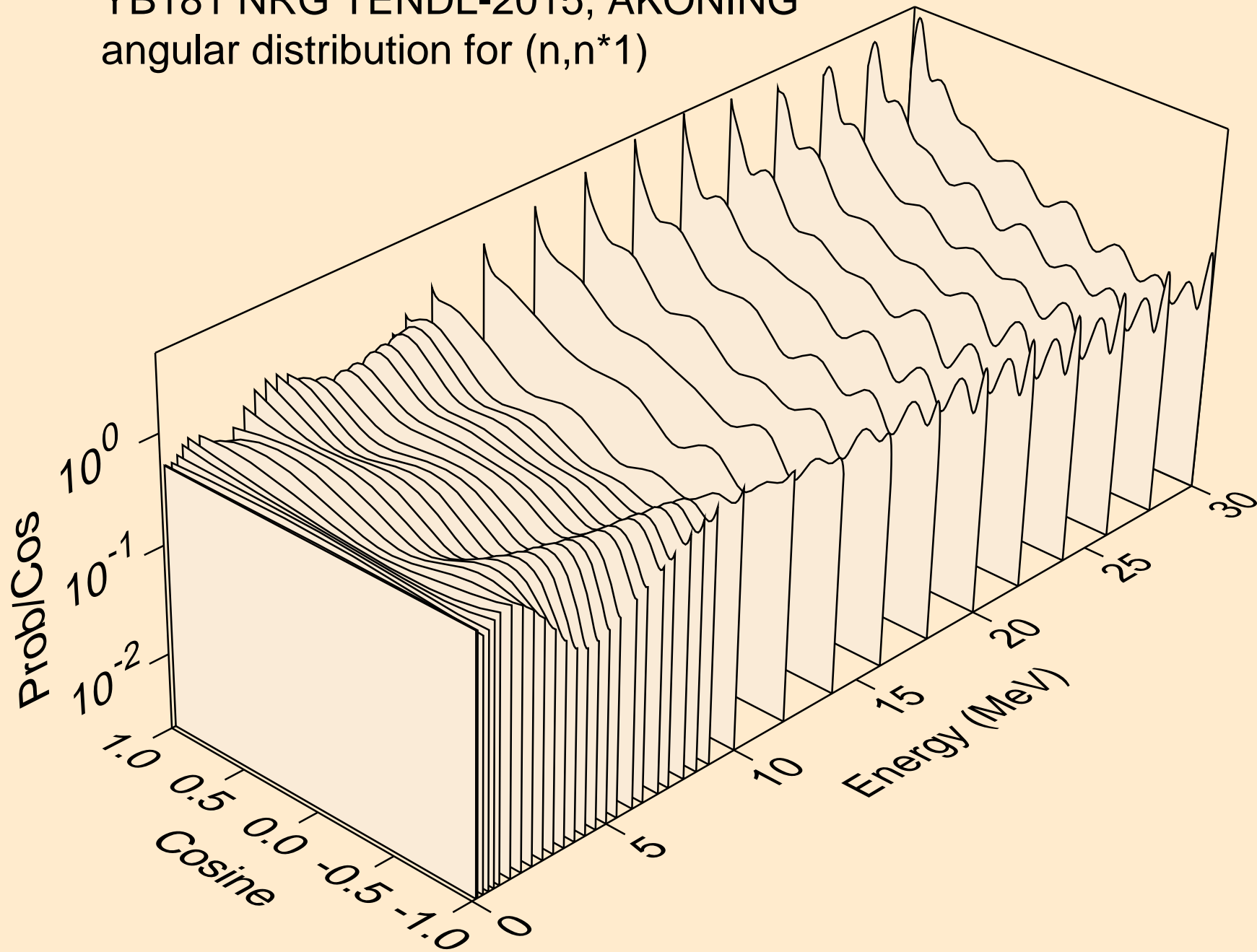
YB181 NRG TENDL-2015, AKONING  
angular distribution for elastic



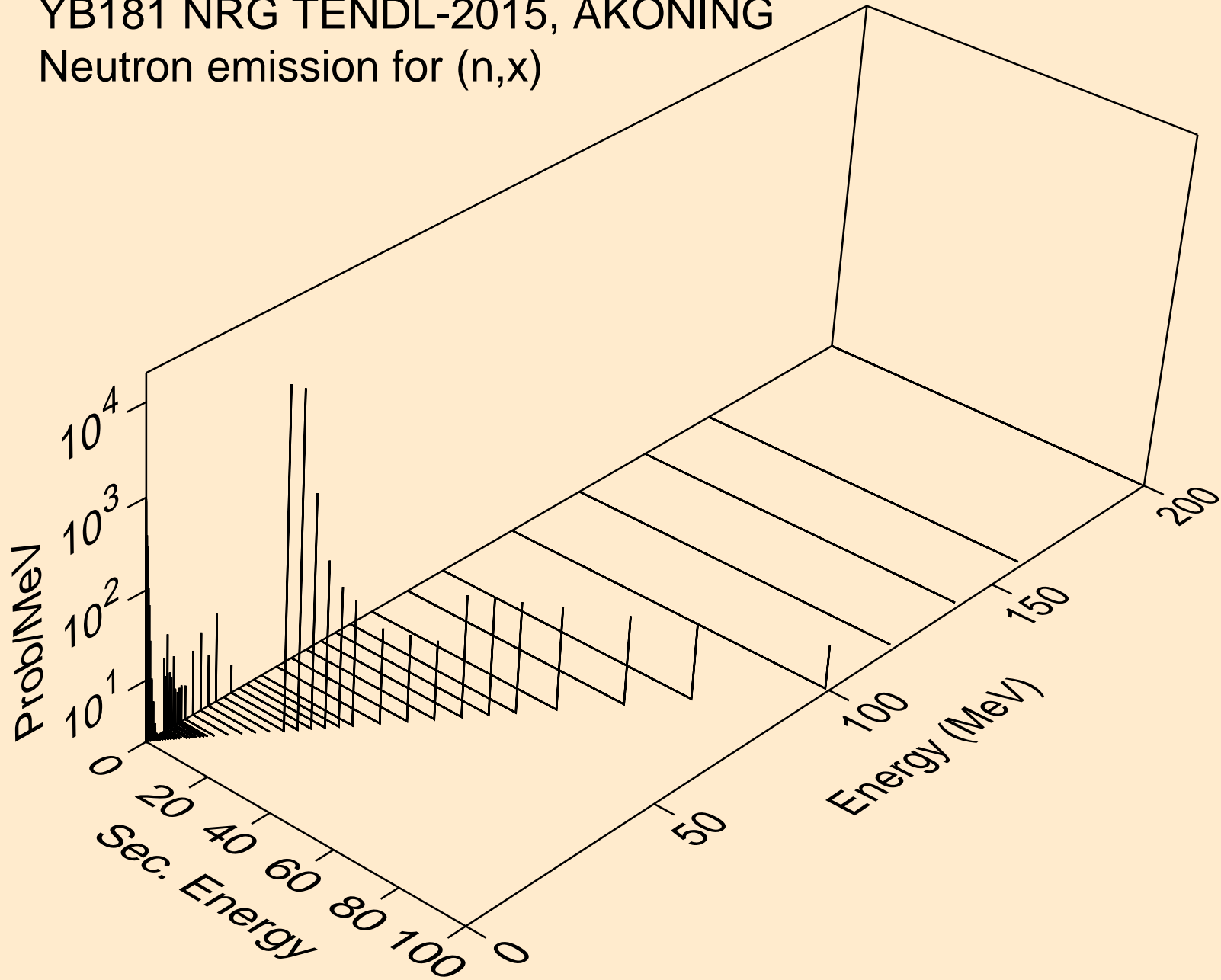
YB181 NRG TENDL-2015, AKONING  
angular distribution for elastic



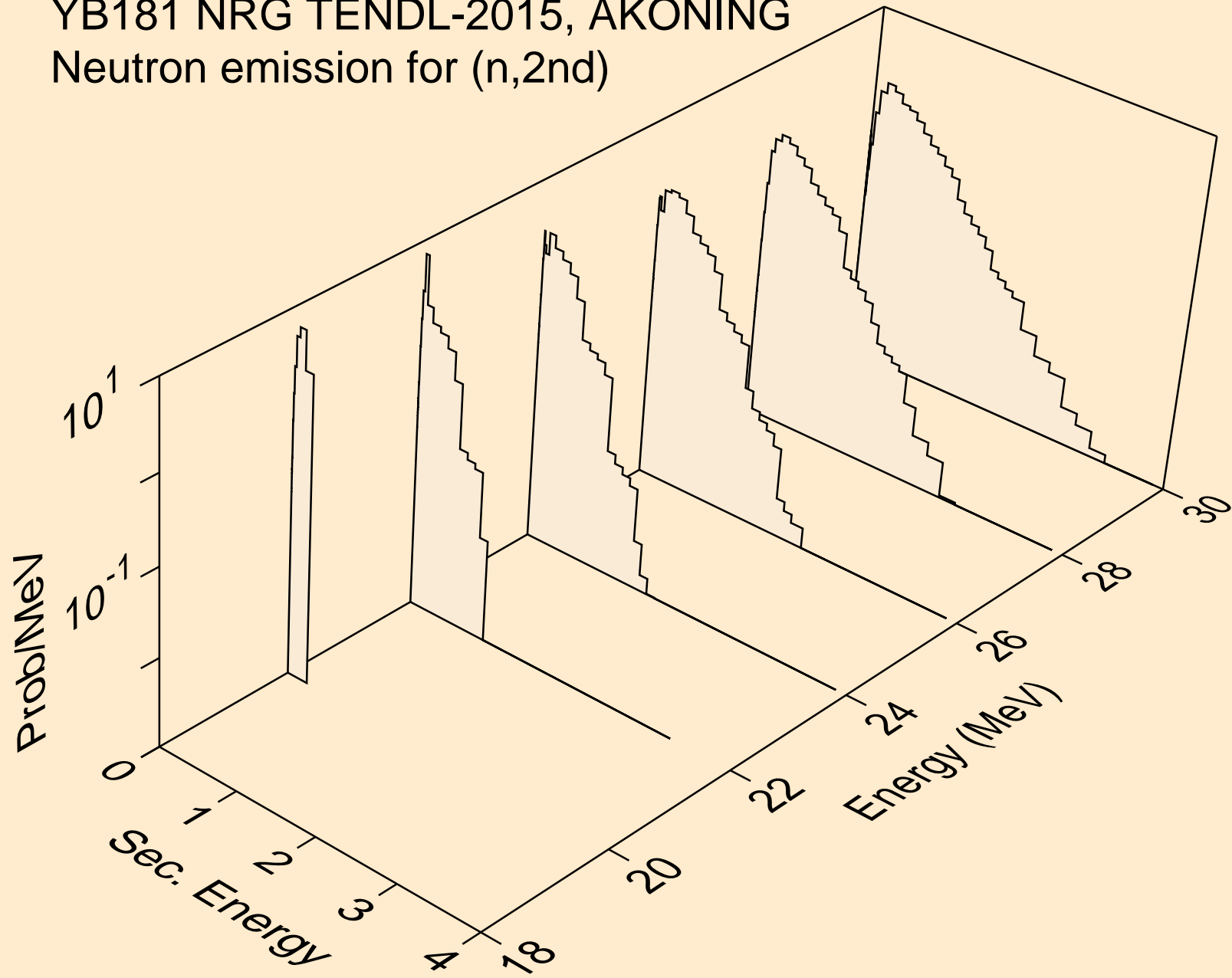
YB181 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



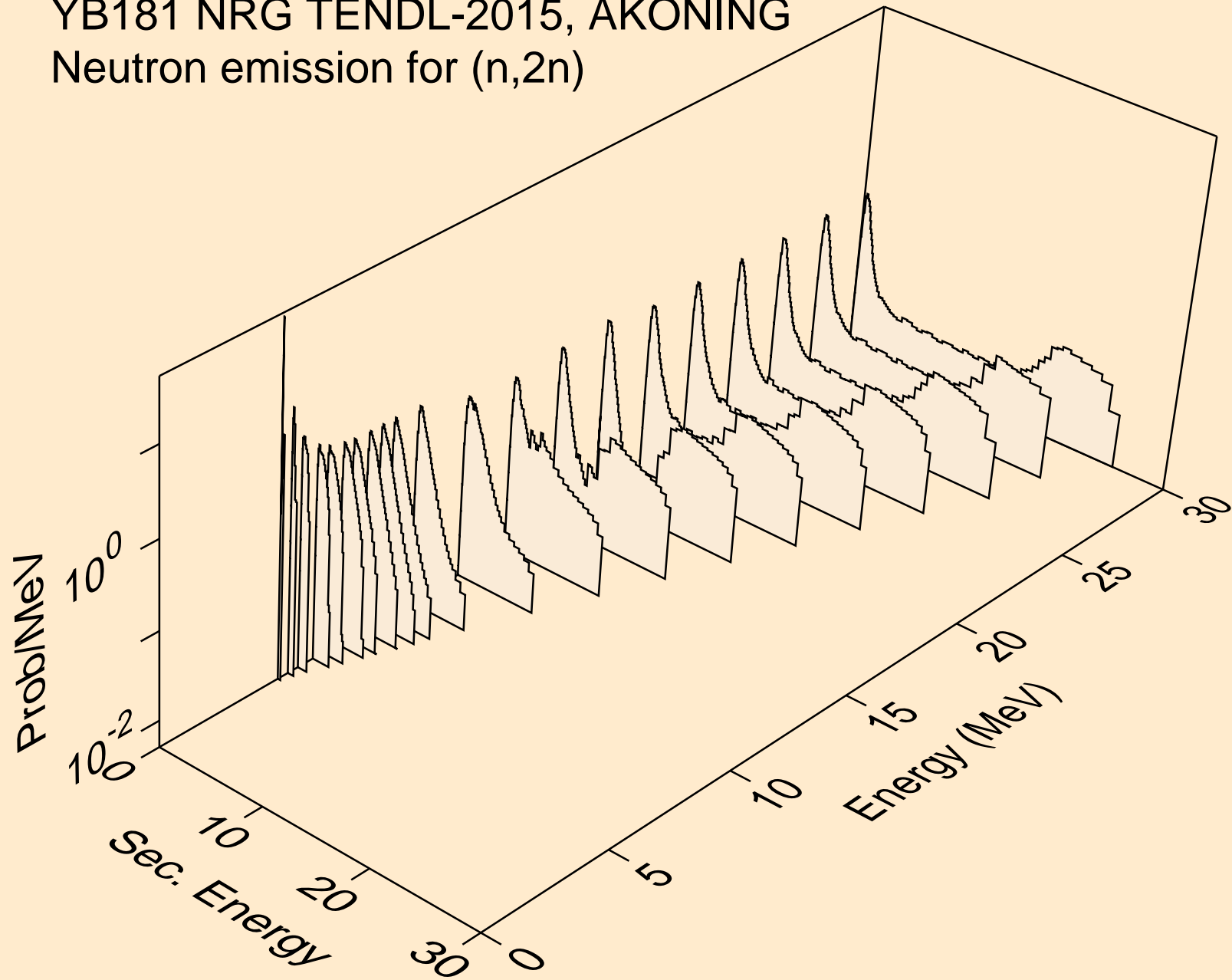
YB181 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



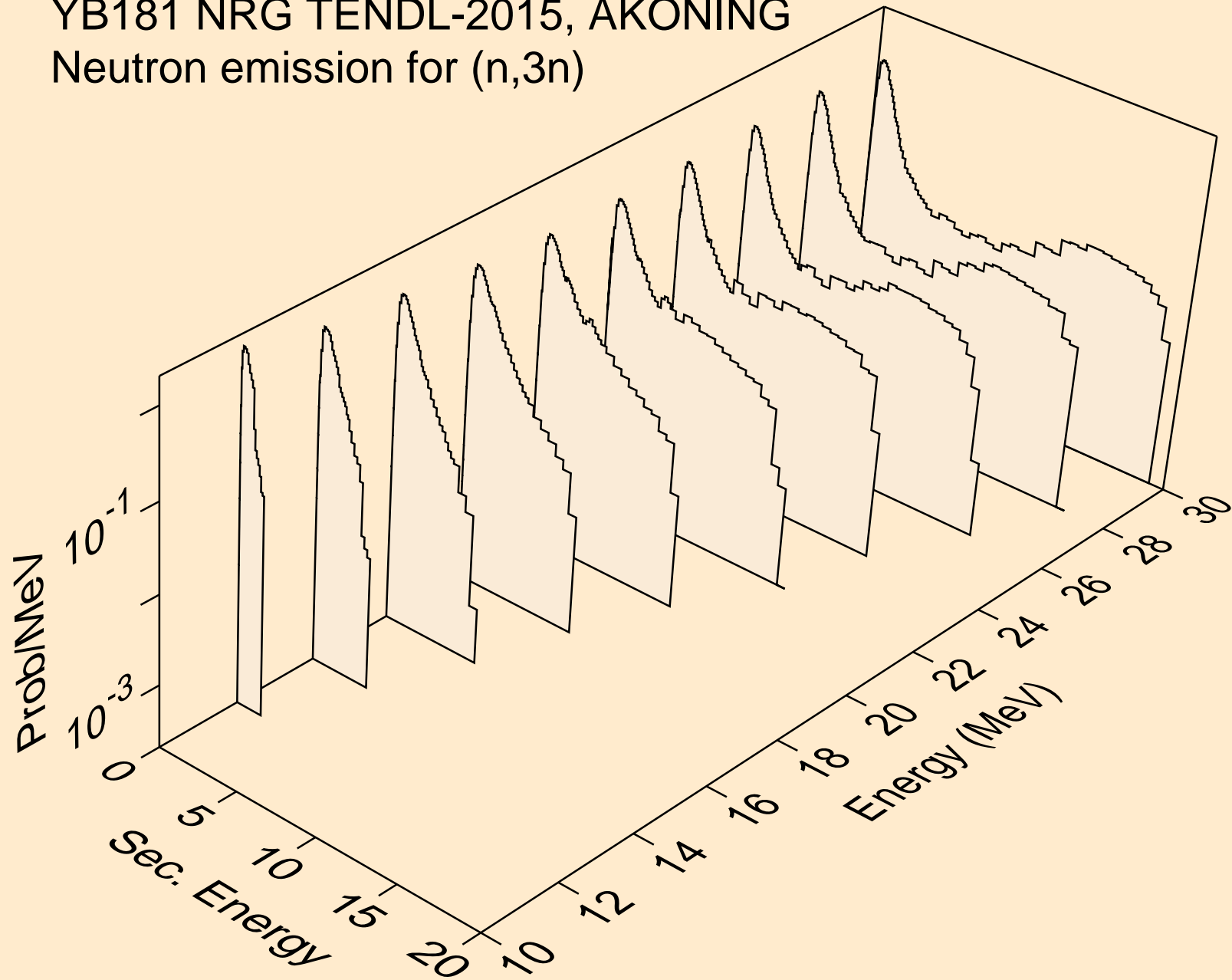
YB181 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



YB181 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)

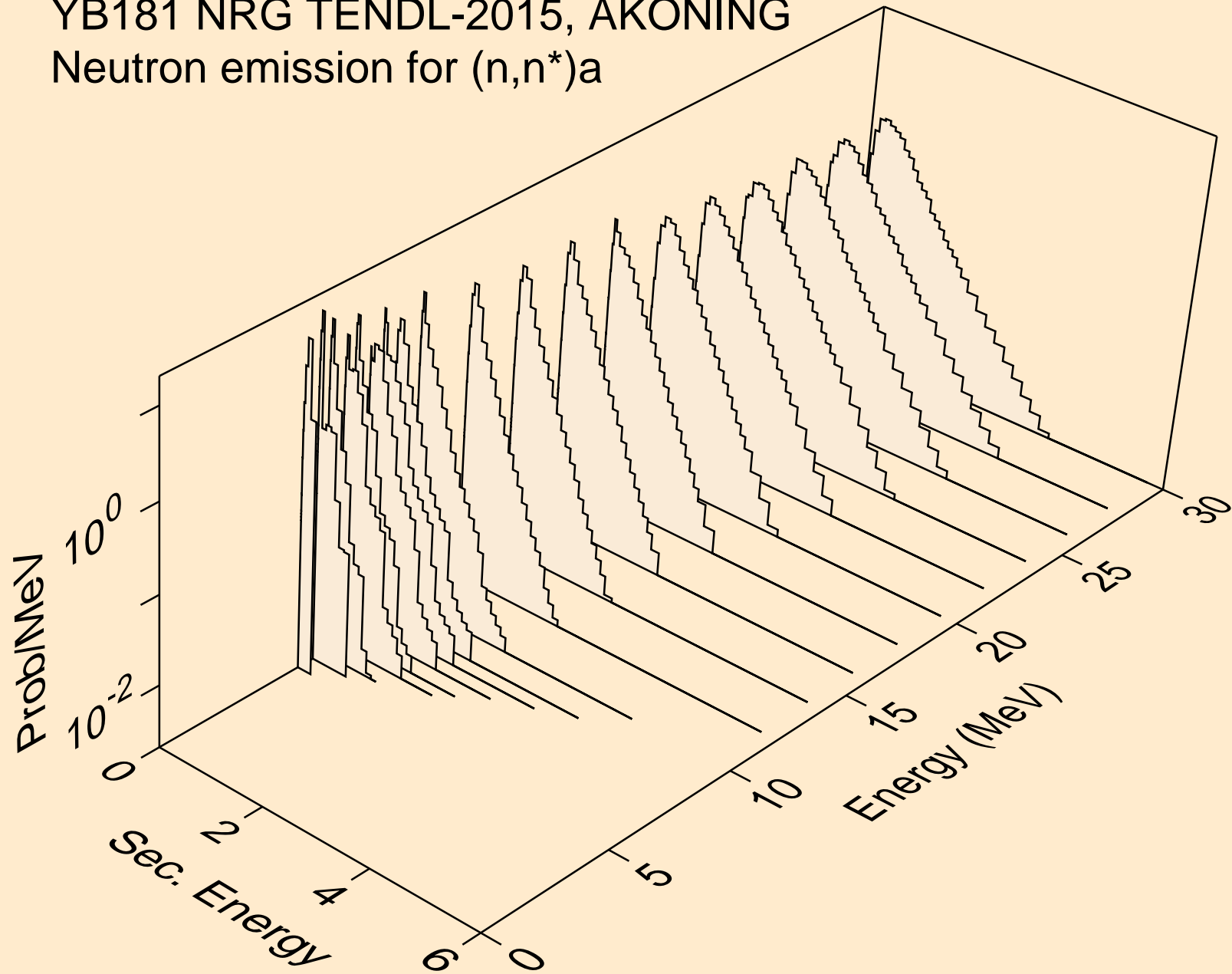


YB181 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)

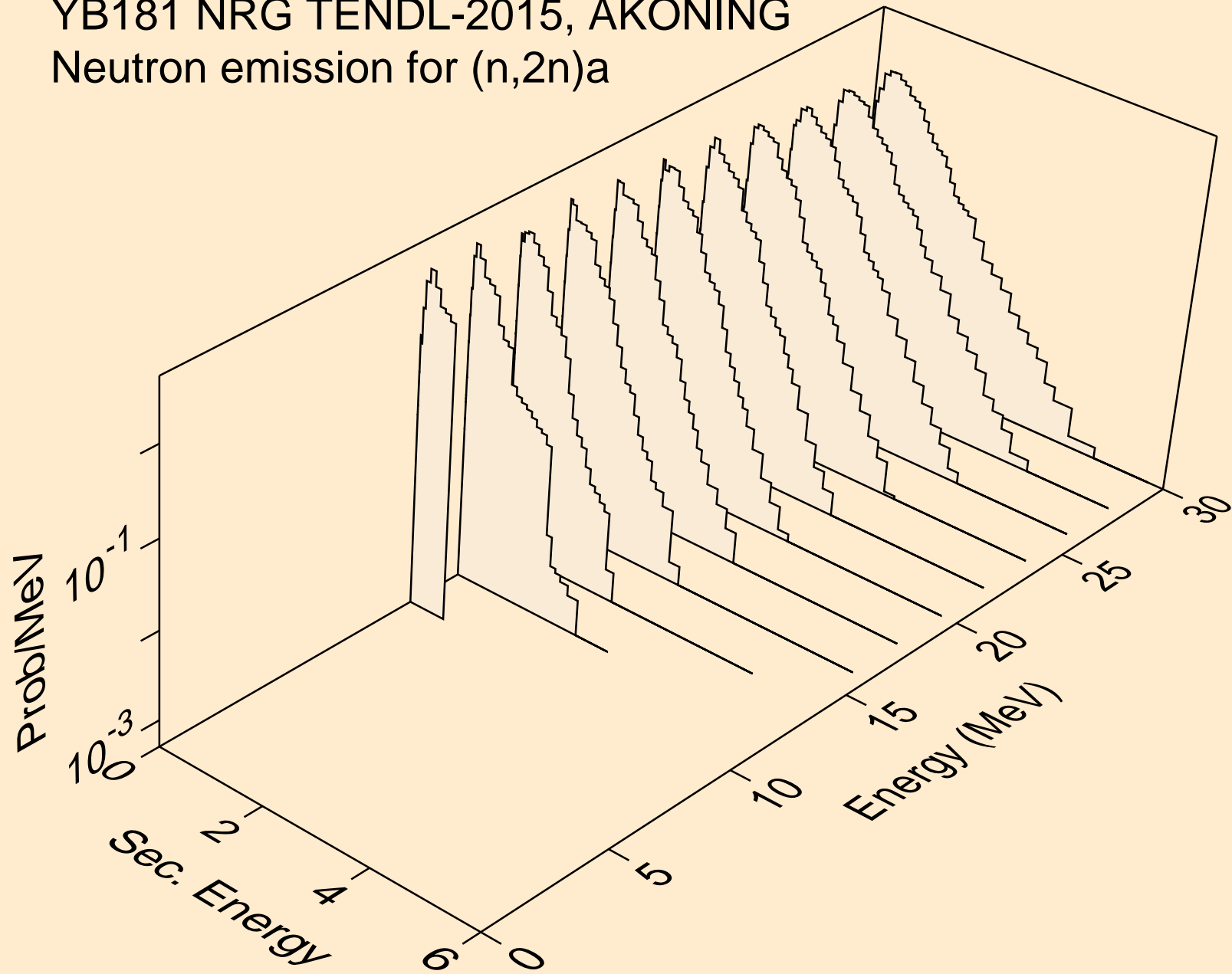




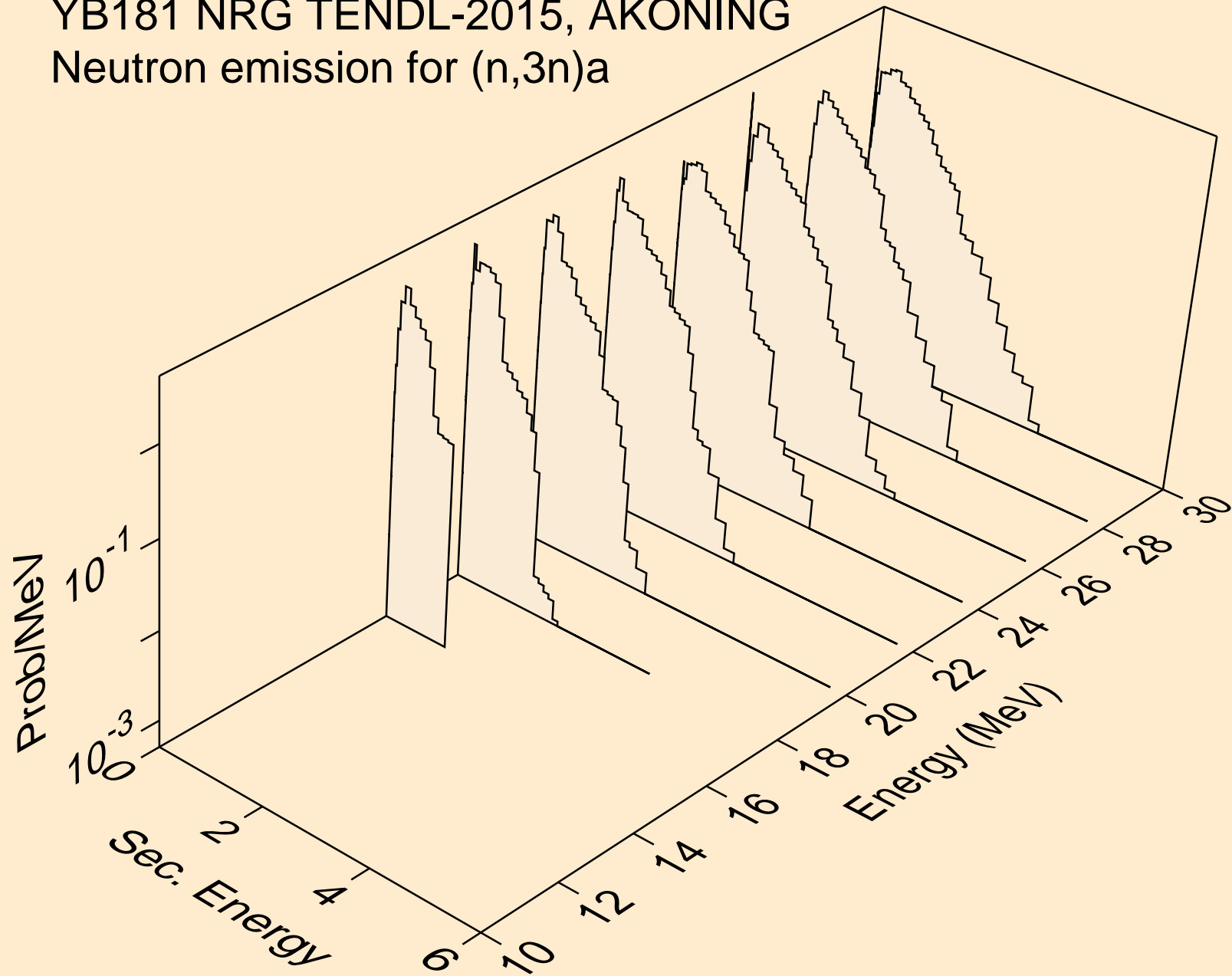
YB181 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



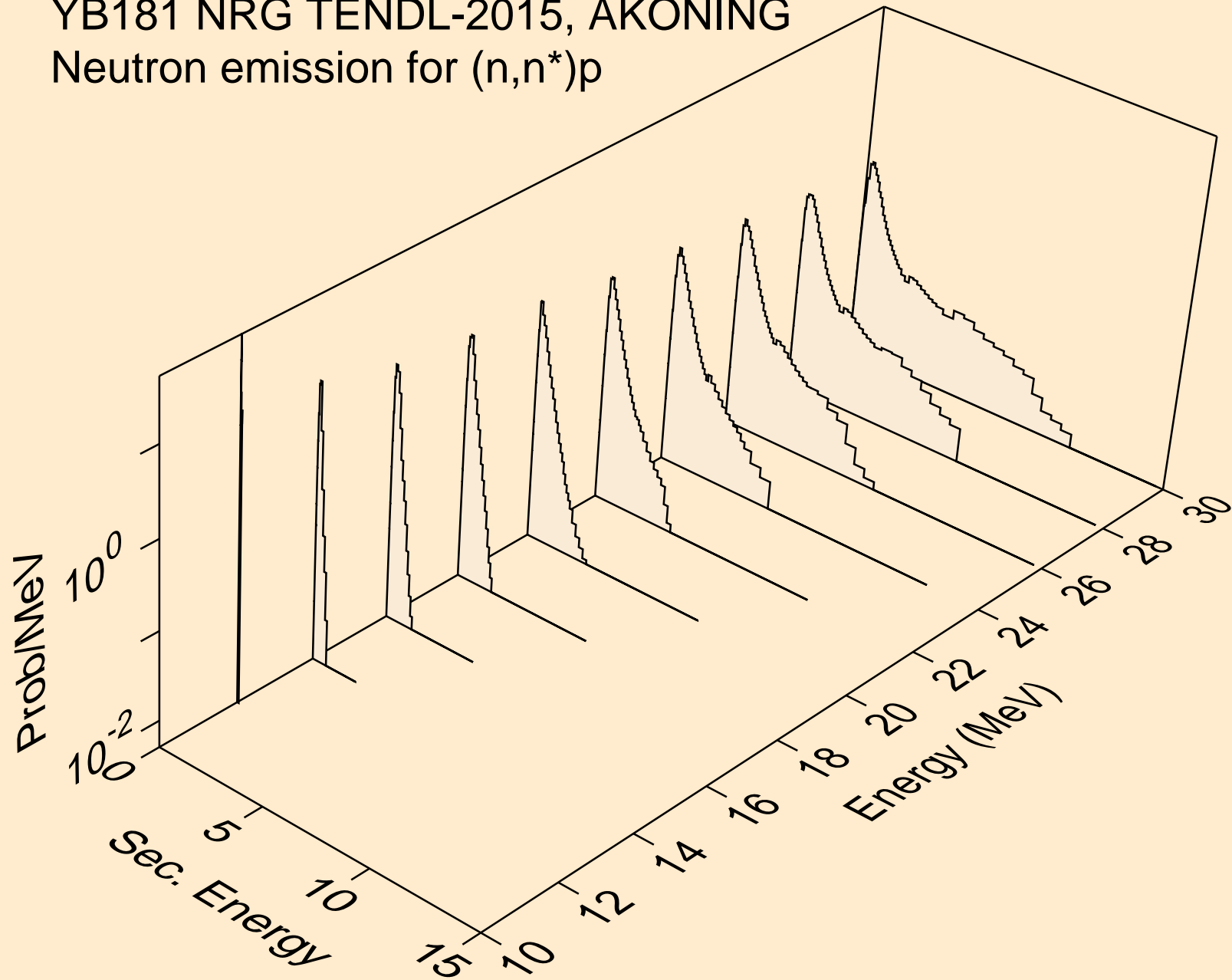
YB181 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



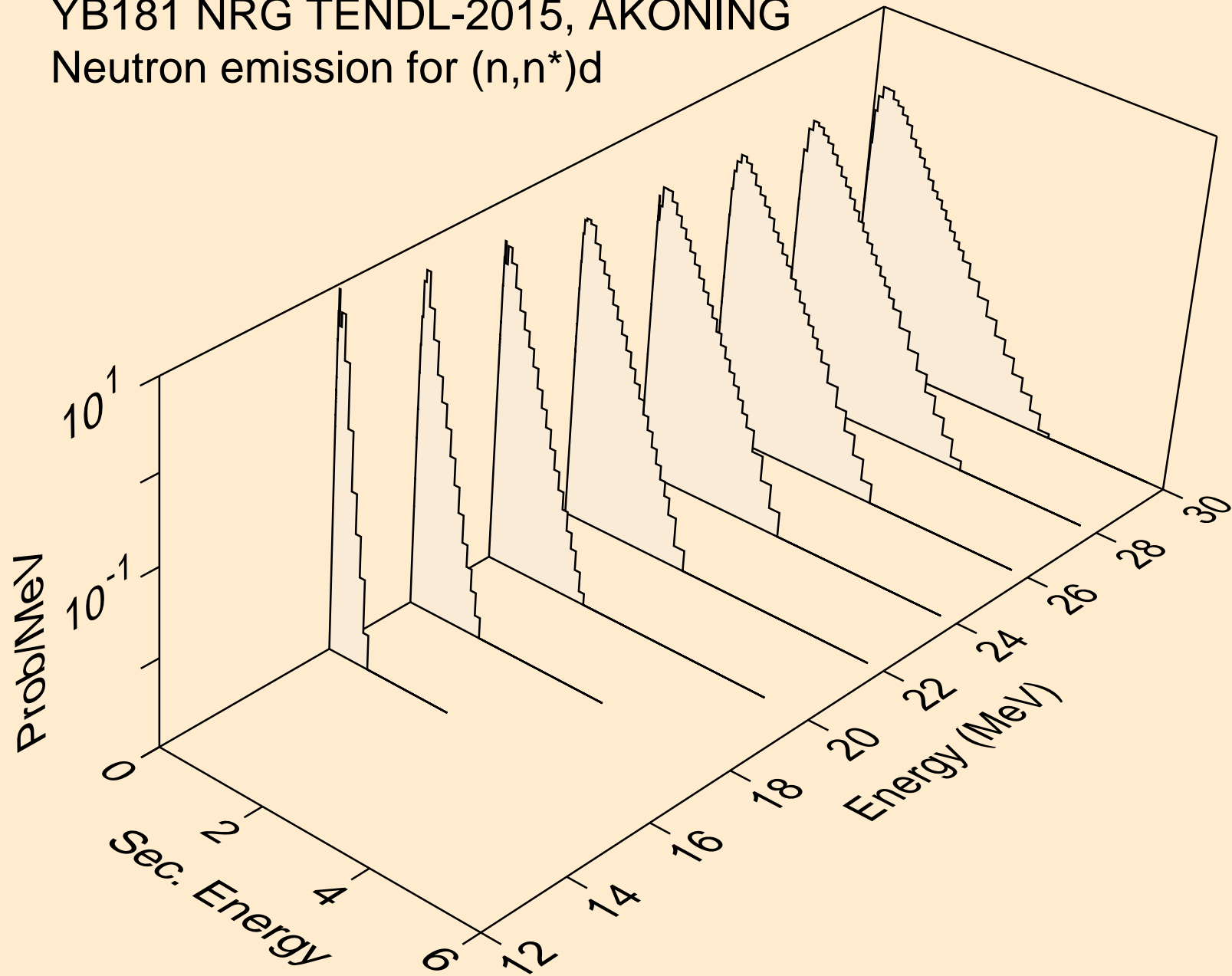
YB181 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



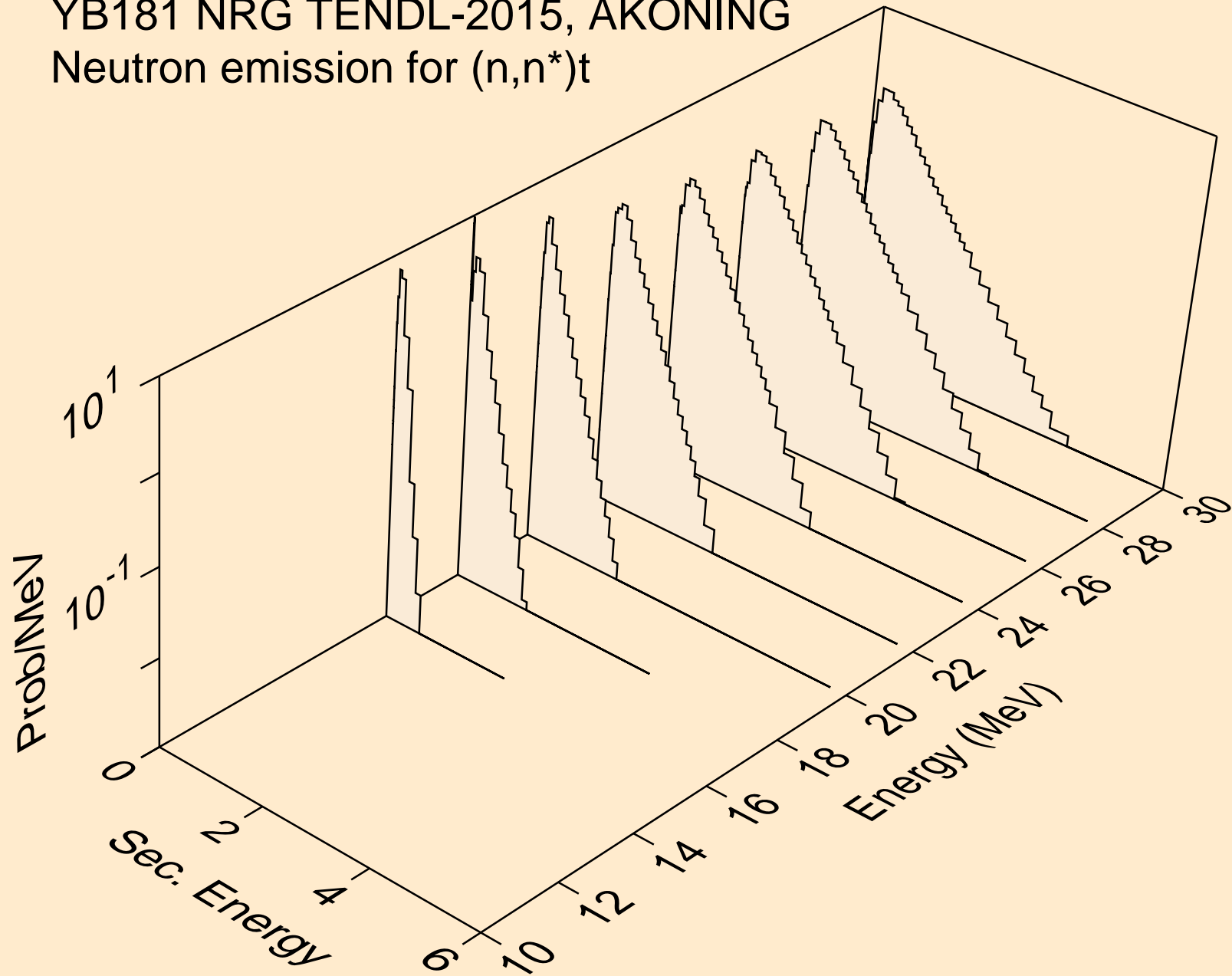
YB181 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



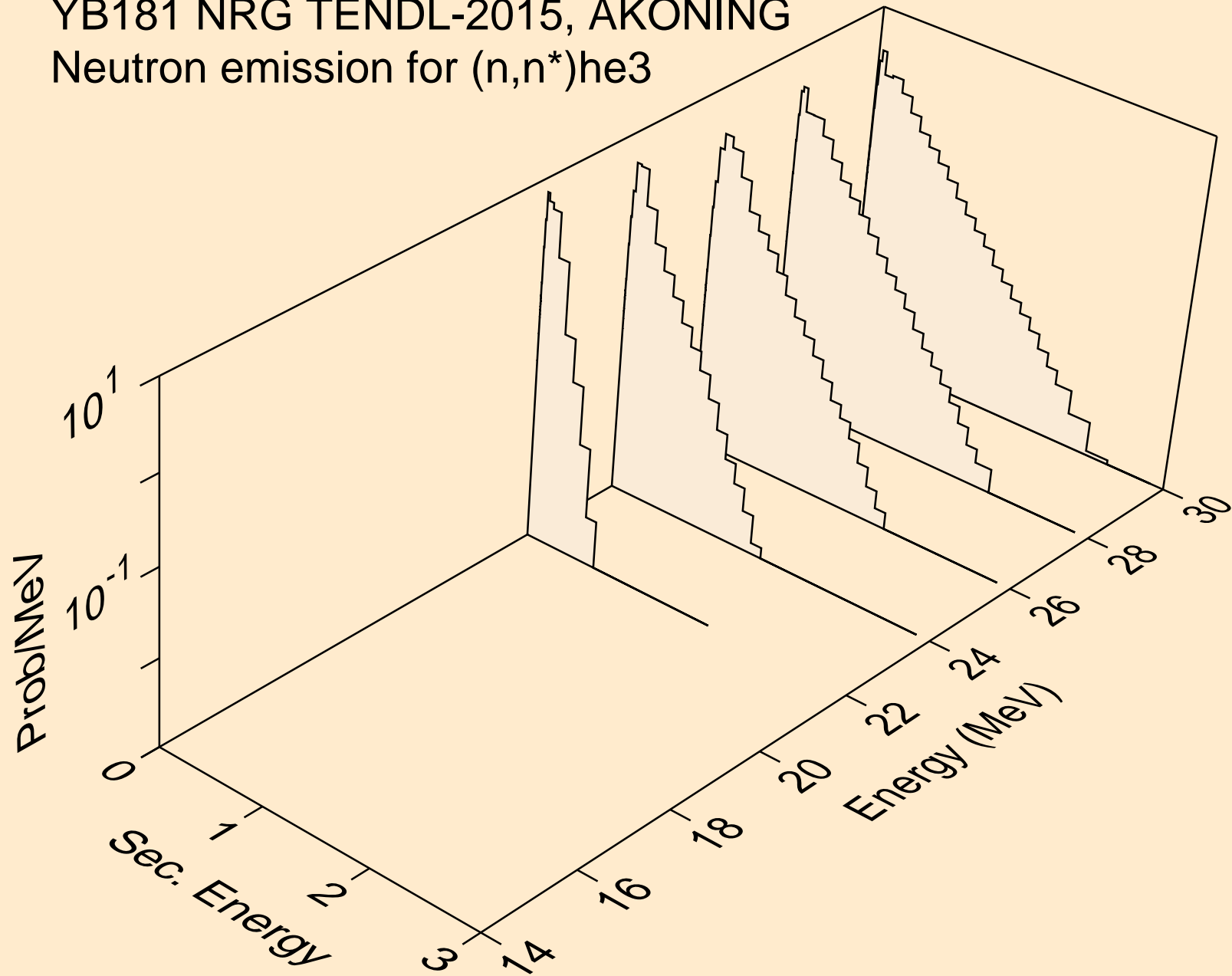
YB181 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



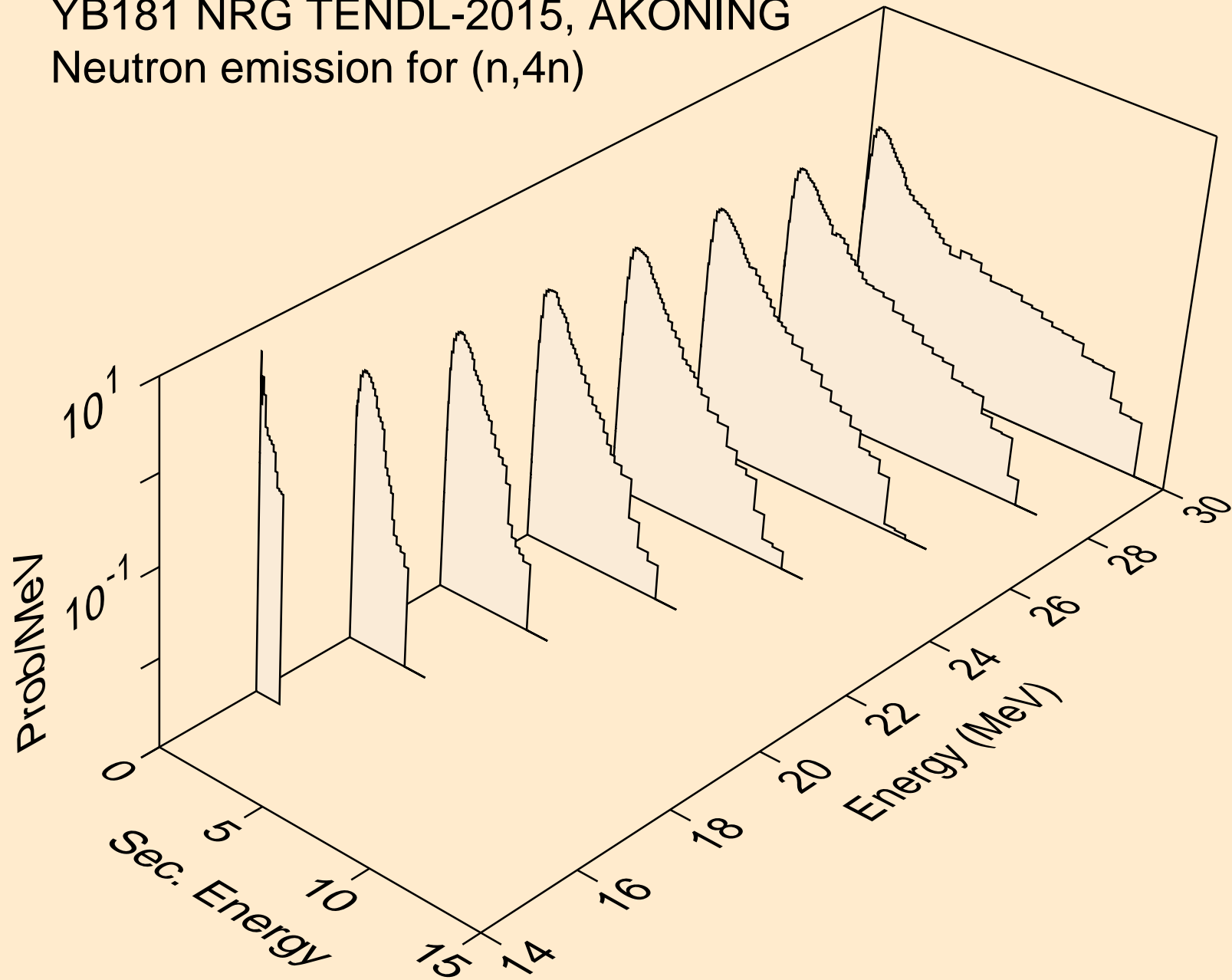
YB181 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



YB181 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3

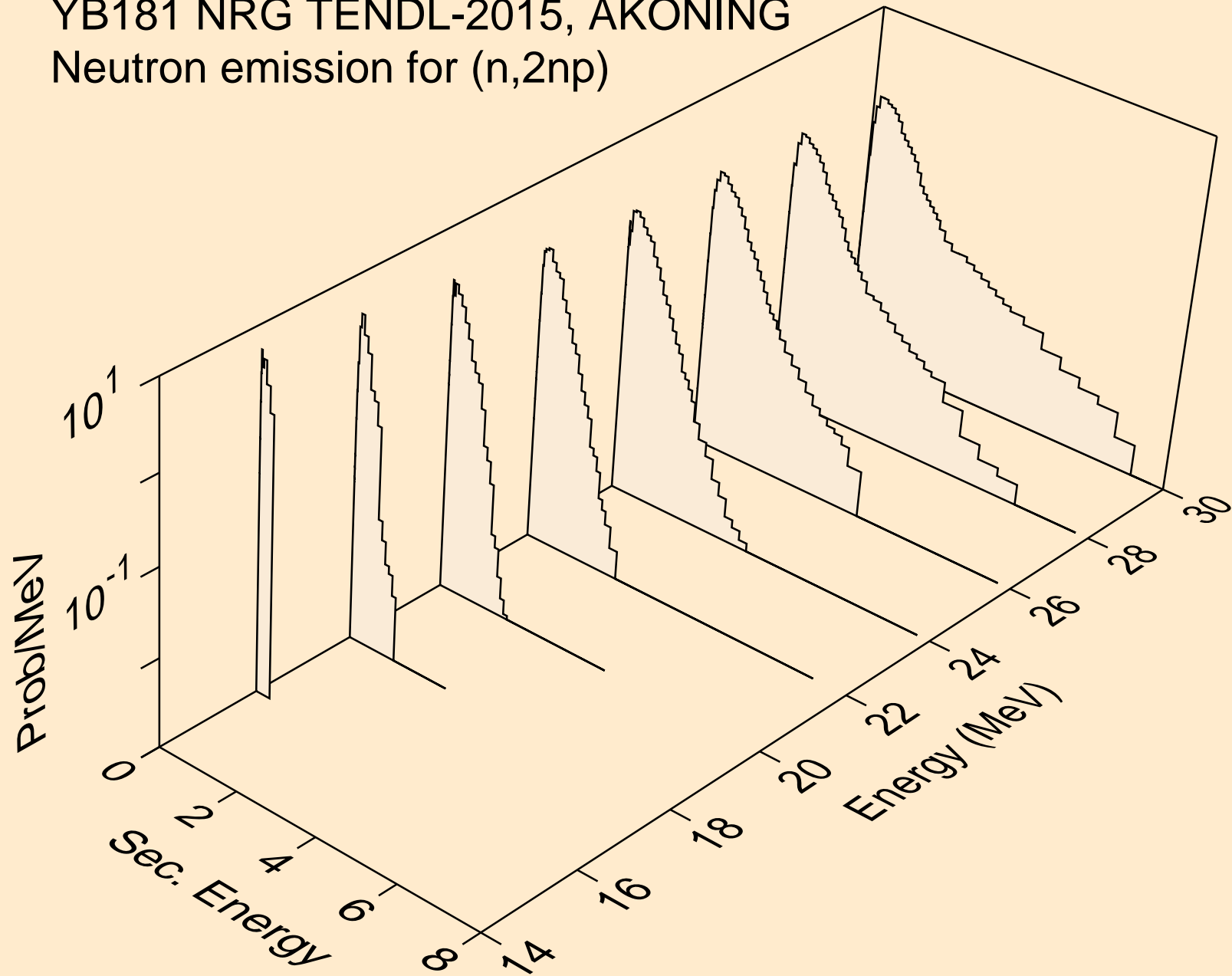


YB181 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)

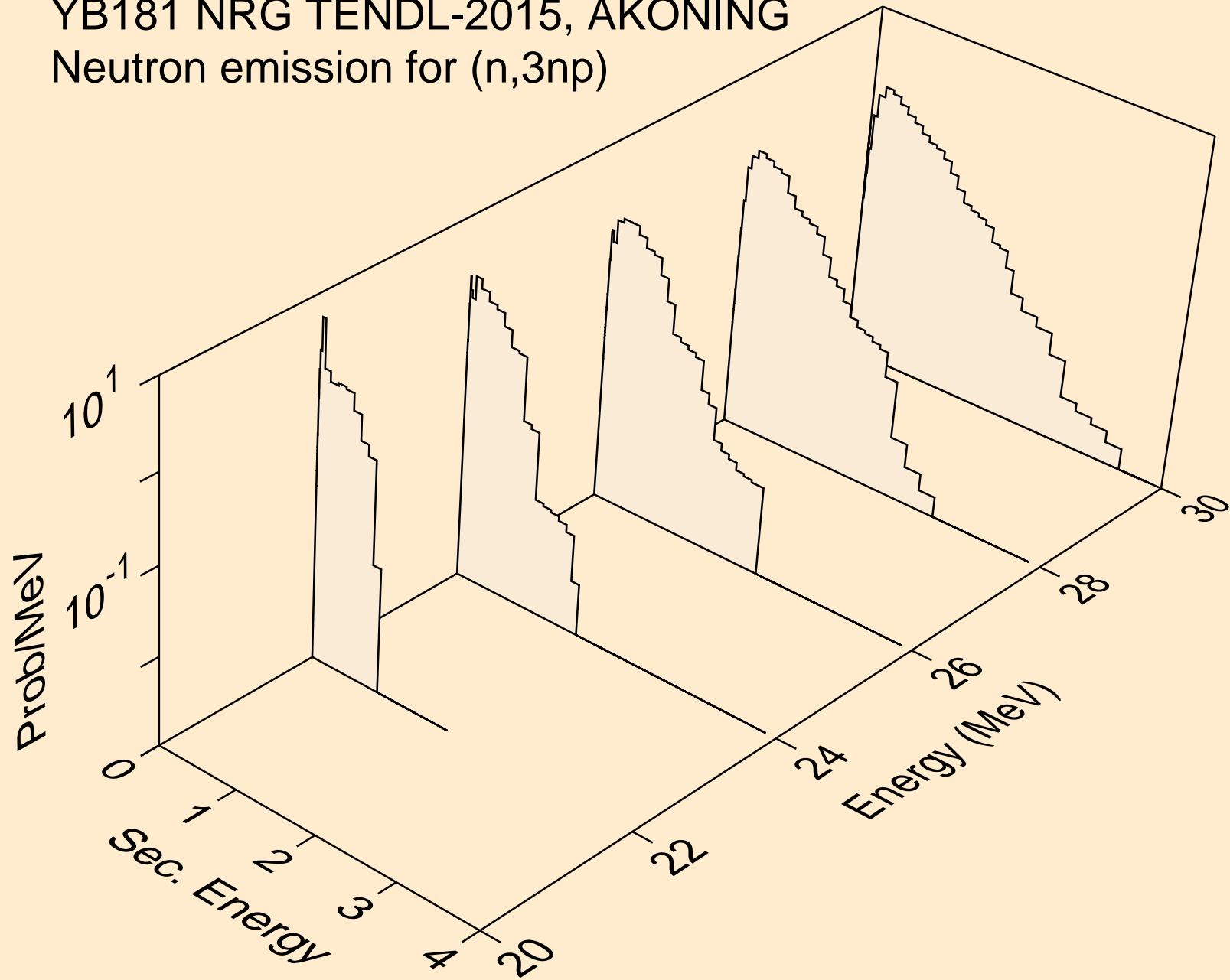




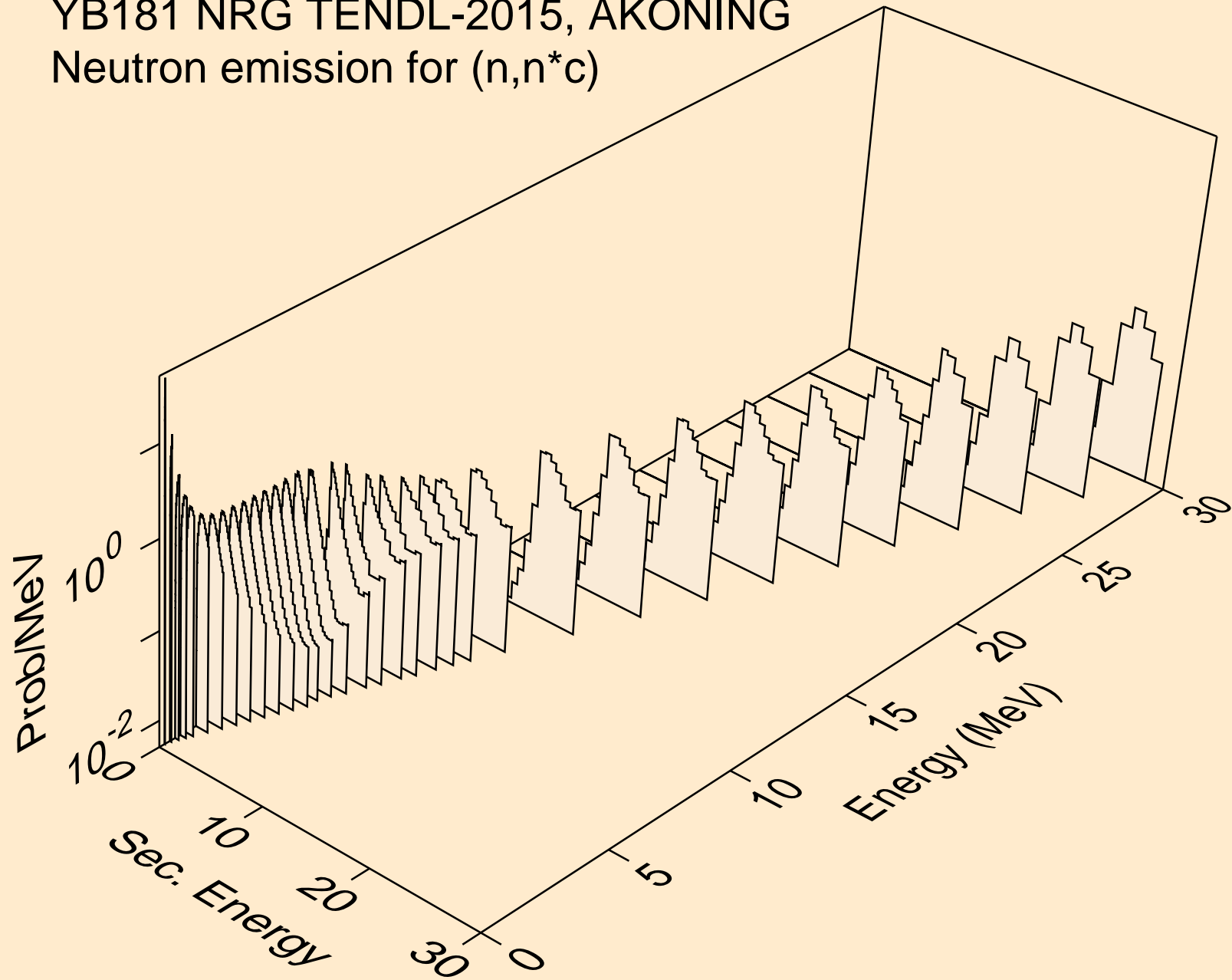
YB181 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



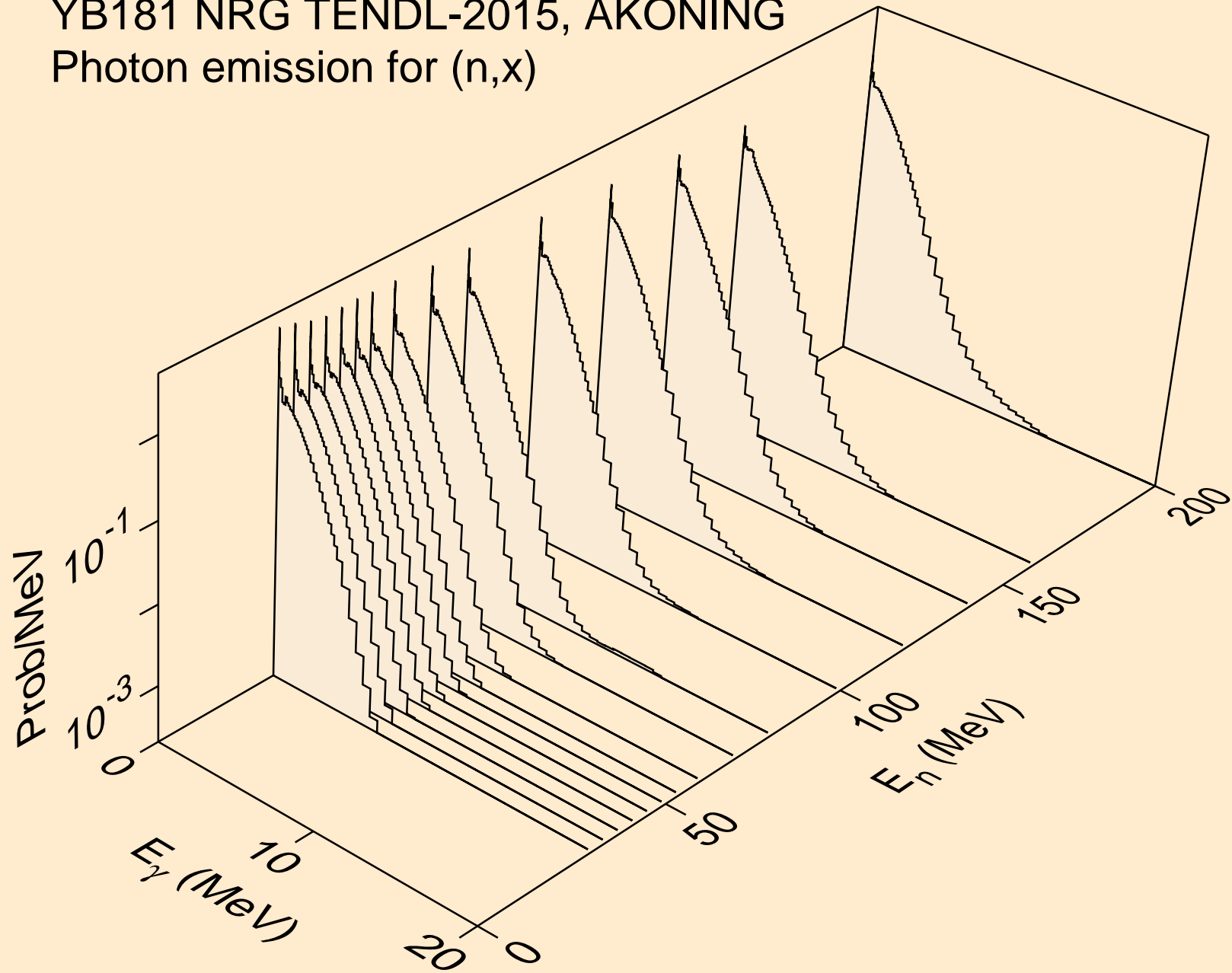
YB181 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



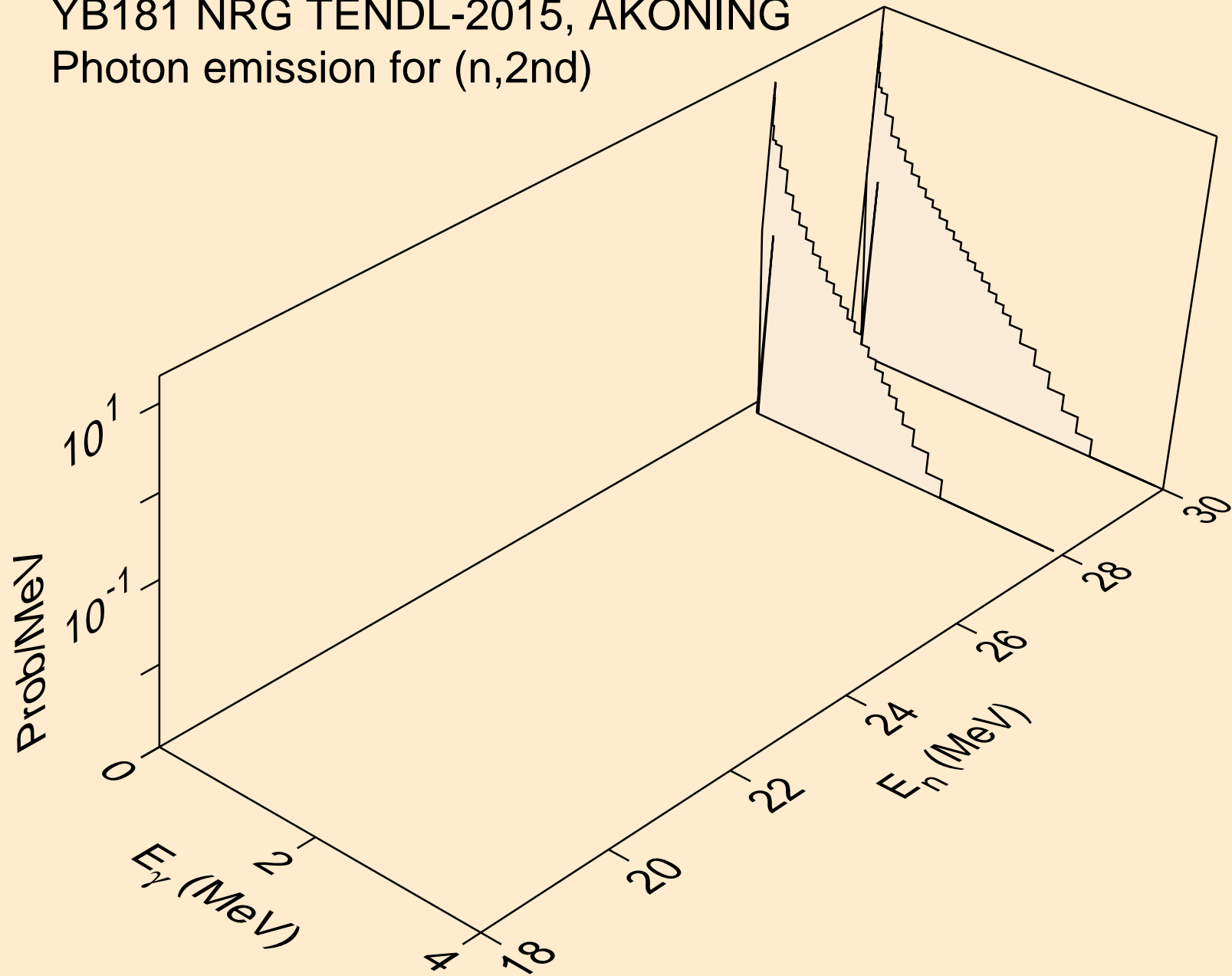
YB181 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



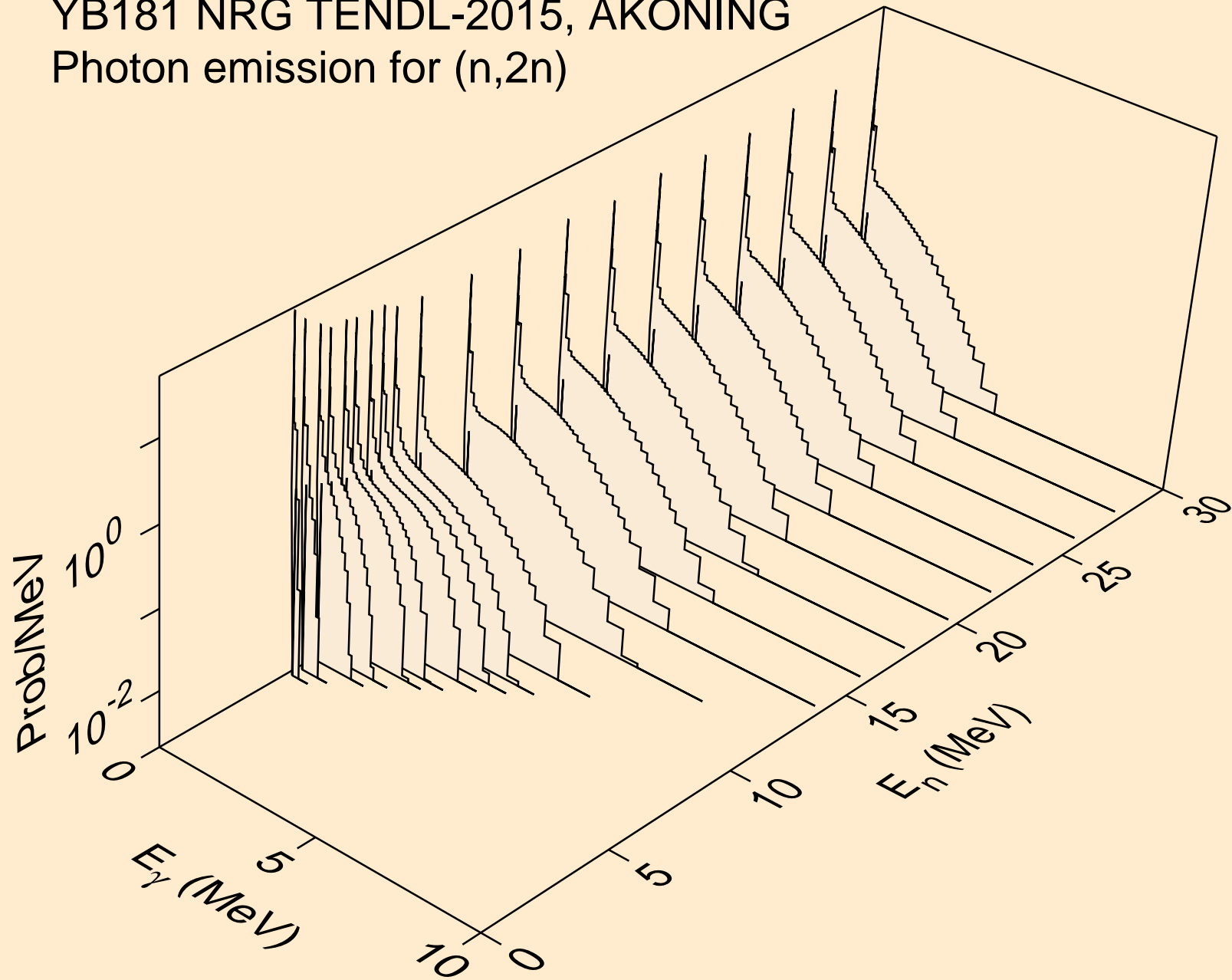
YB181 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



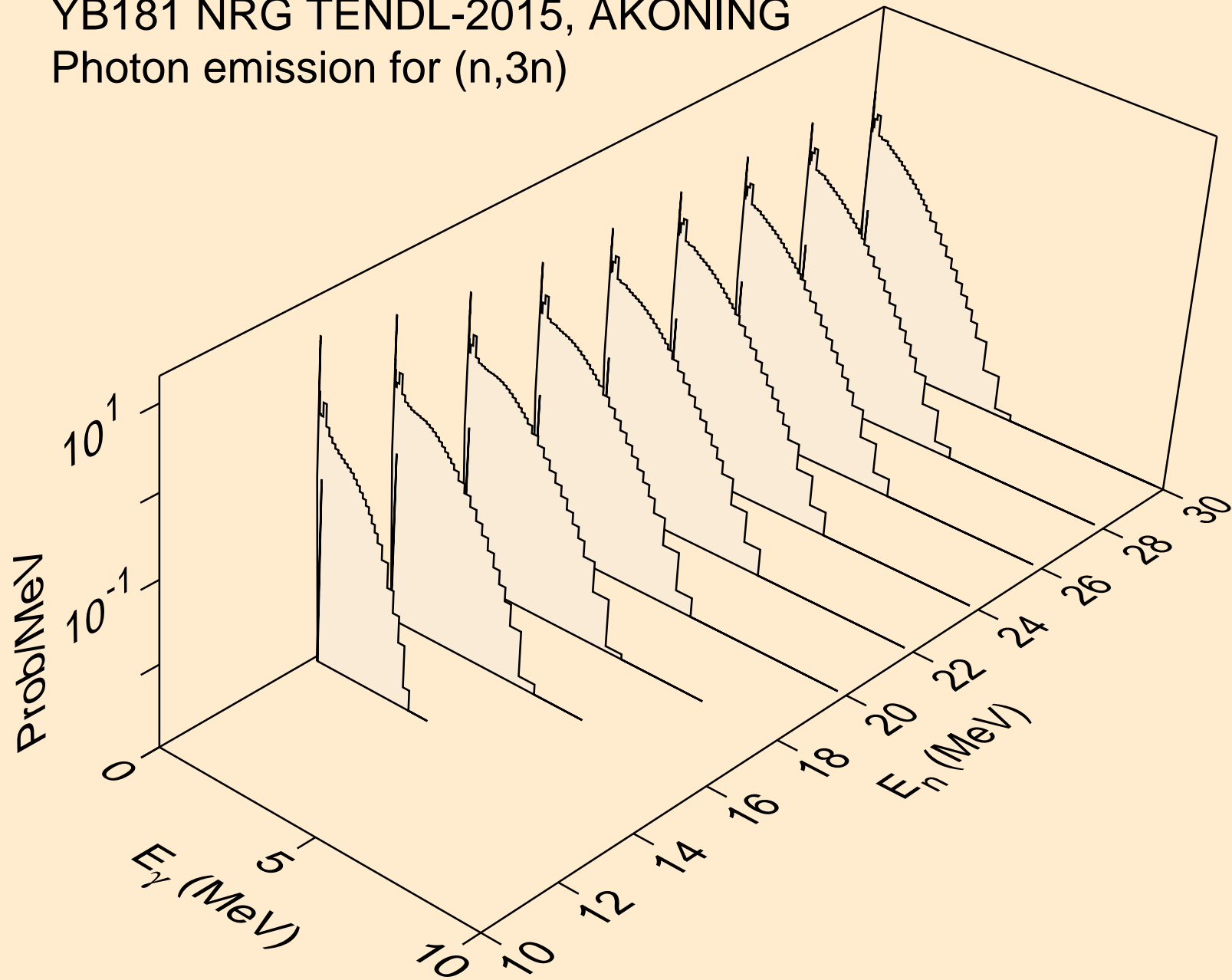
YB181 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



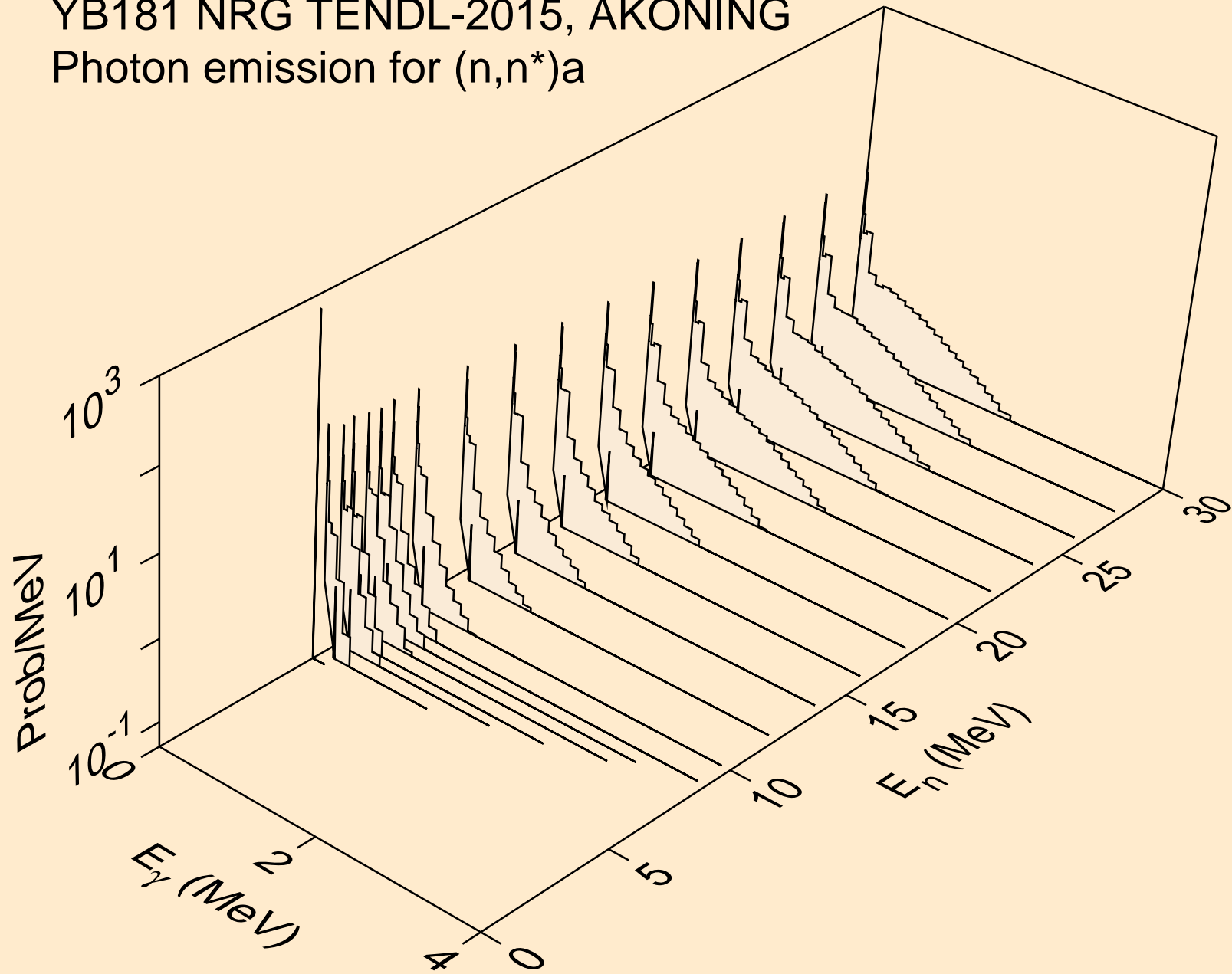
YB181 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



YB181 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

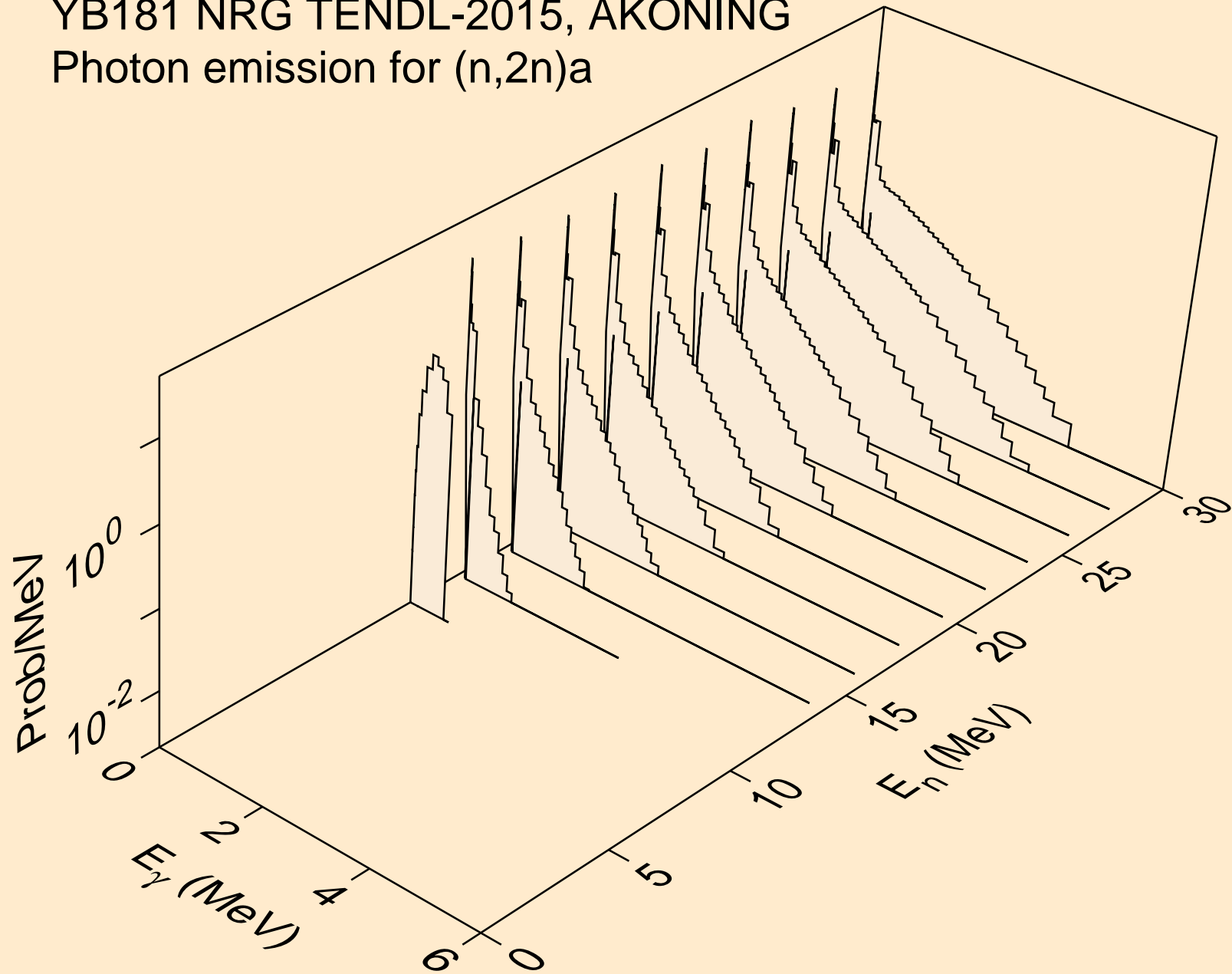


YB181 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

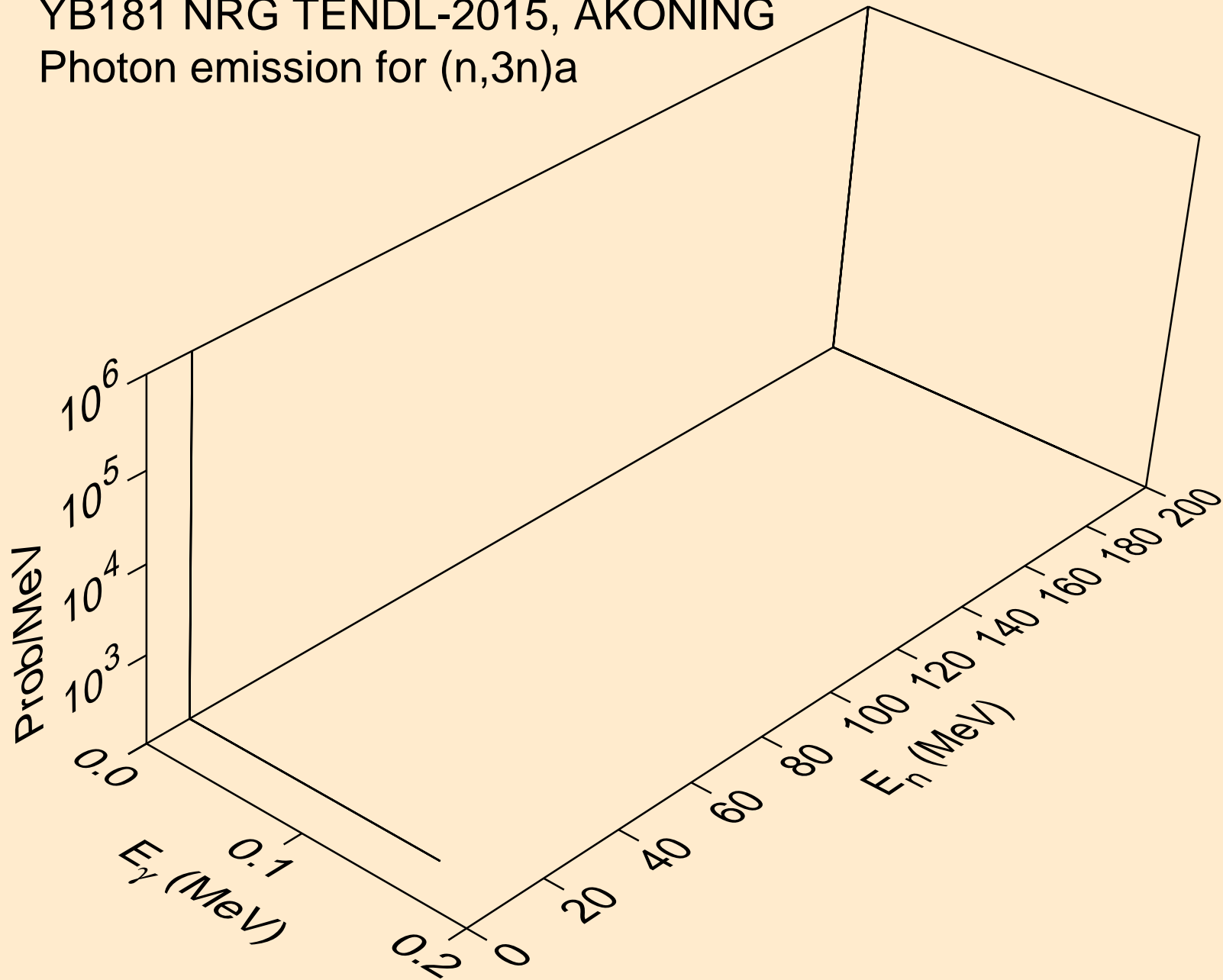




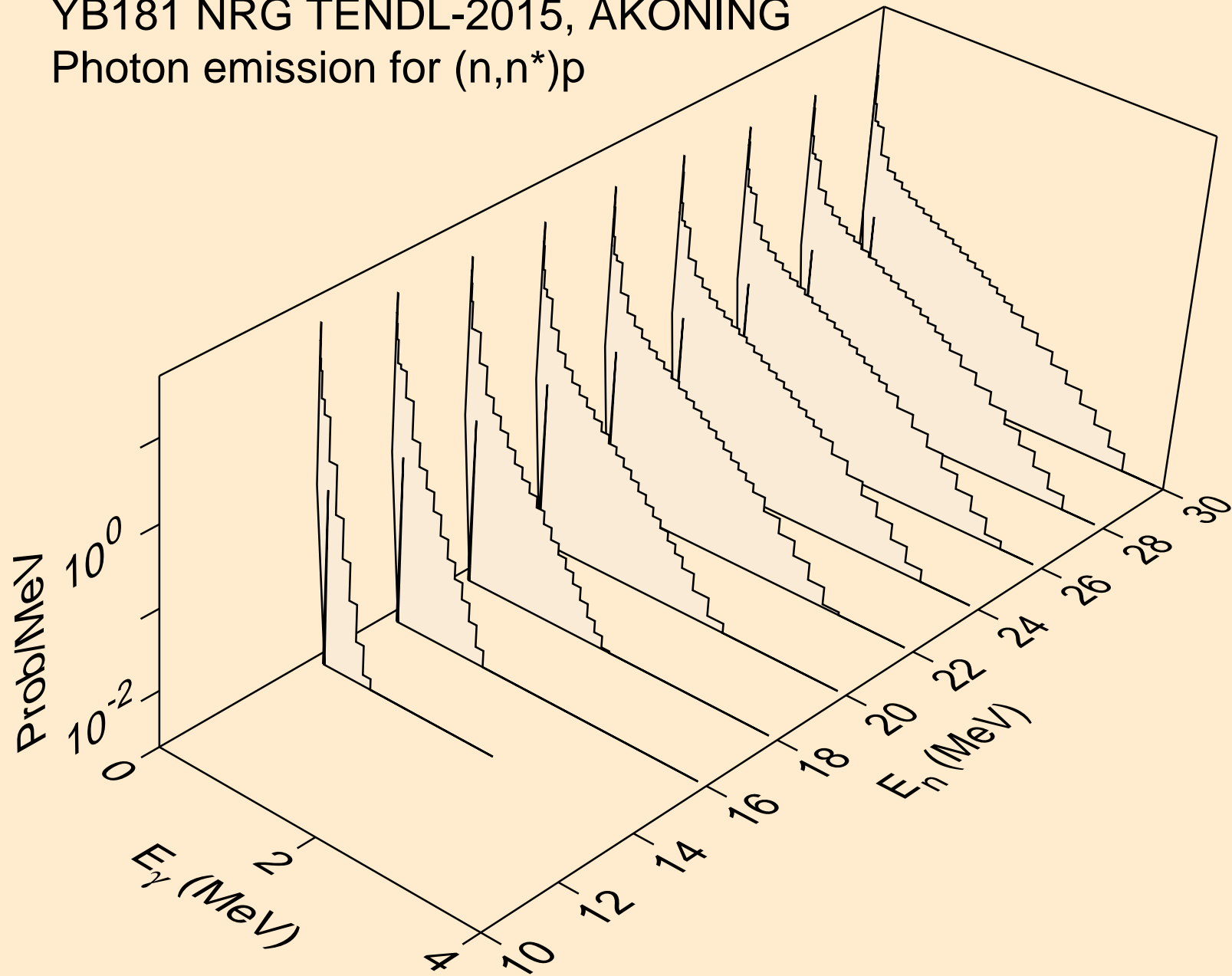
YB181 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



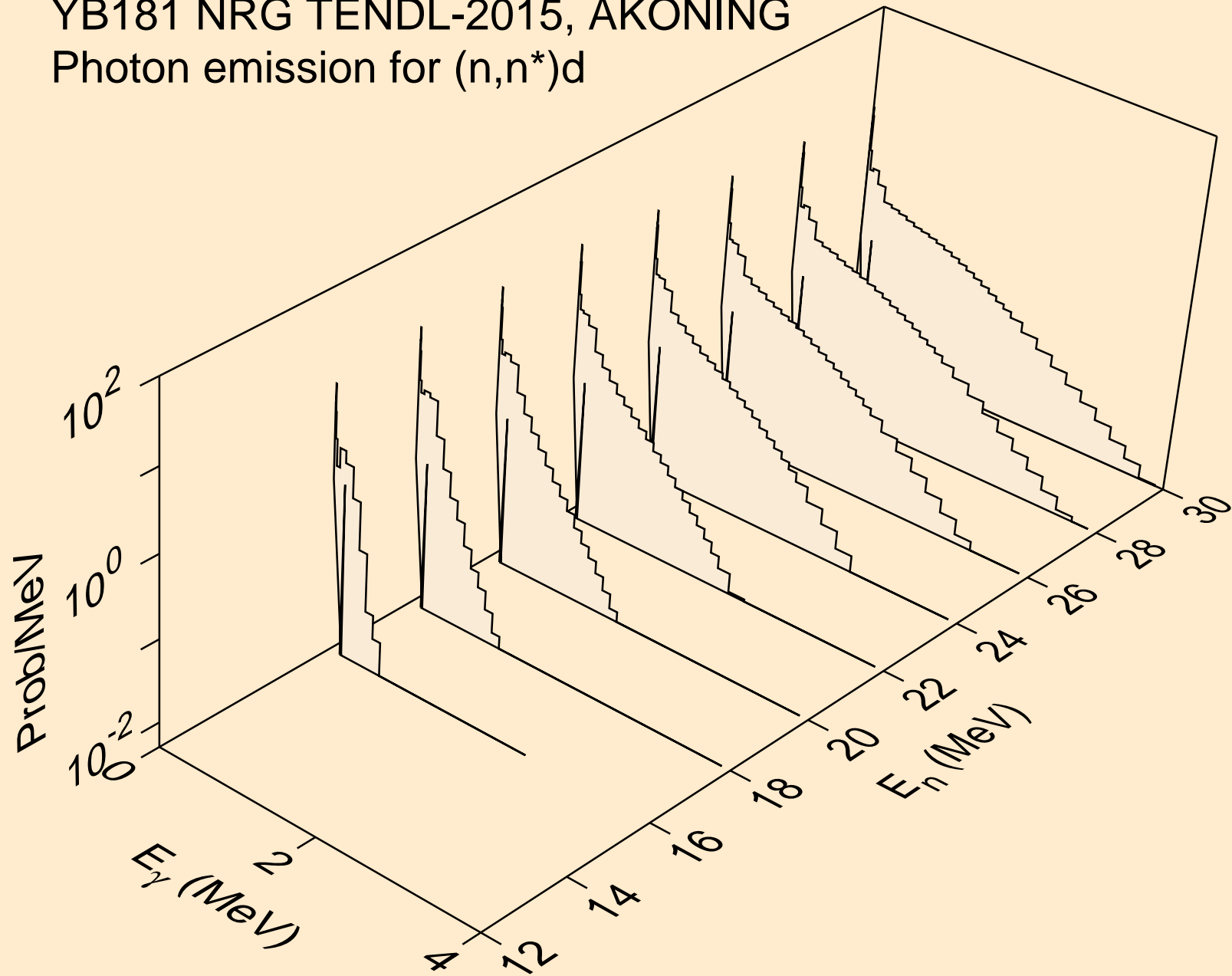
YB181 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



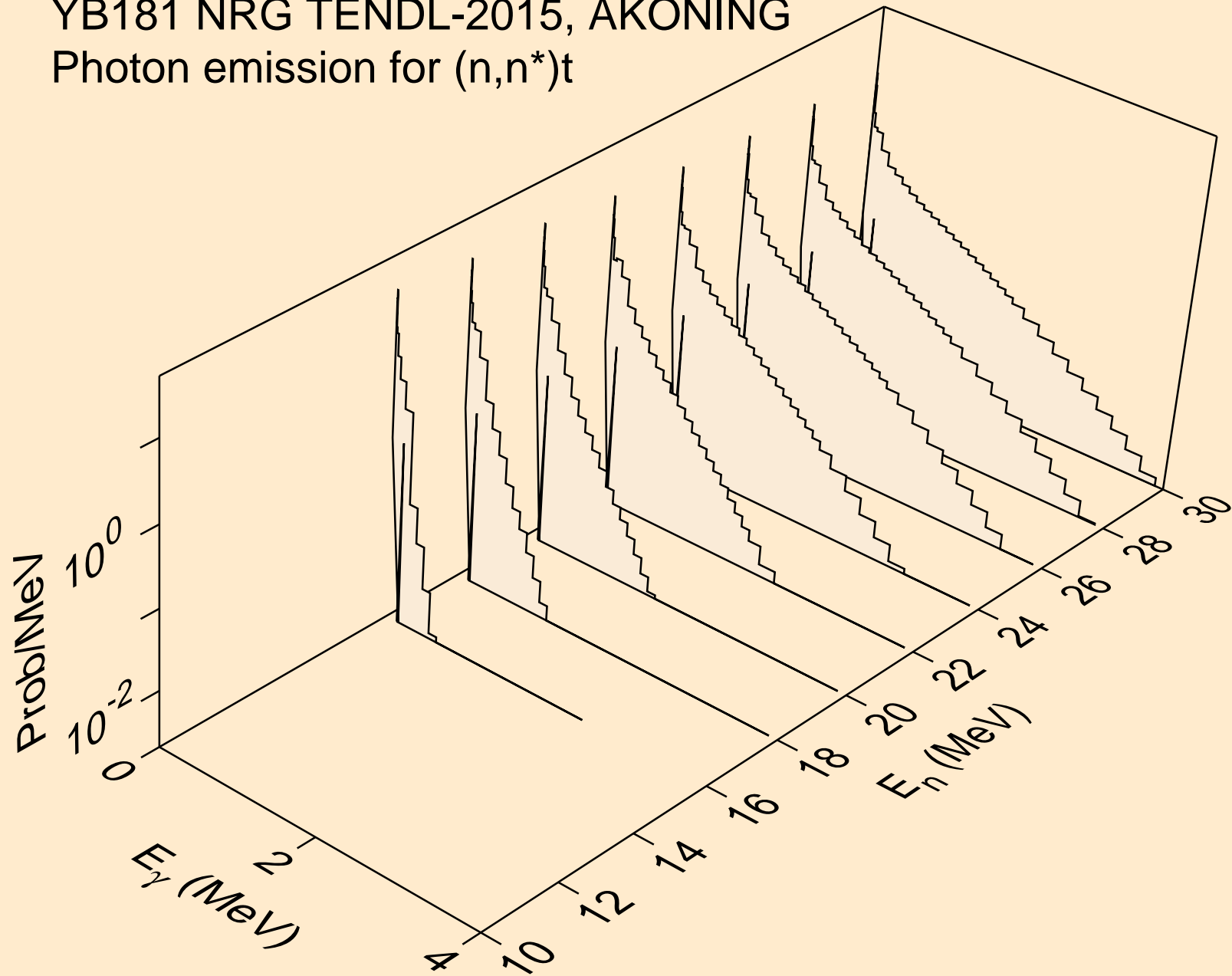
YB181 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



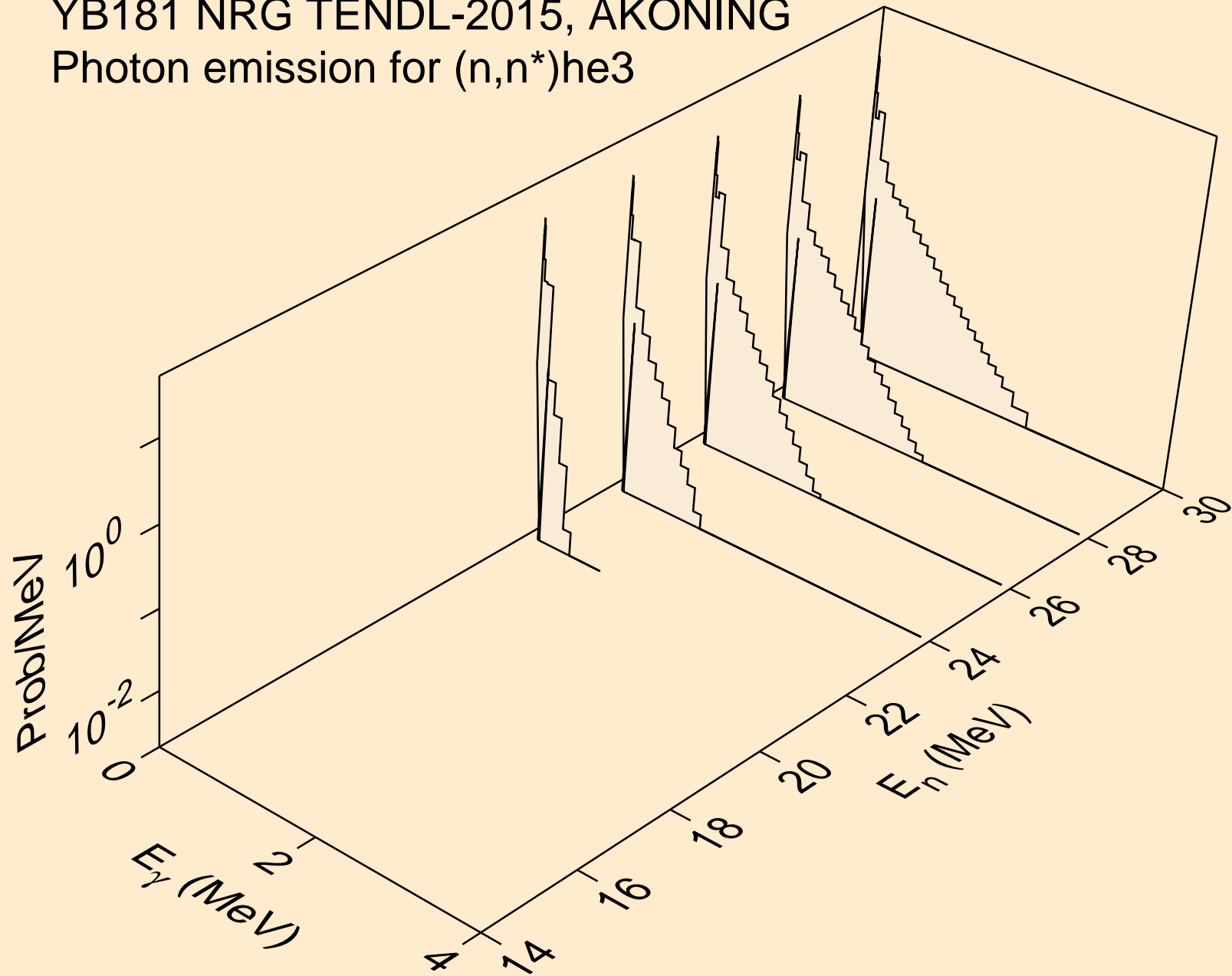
YB181 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



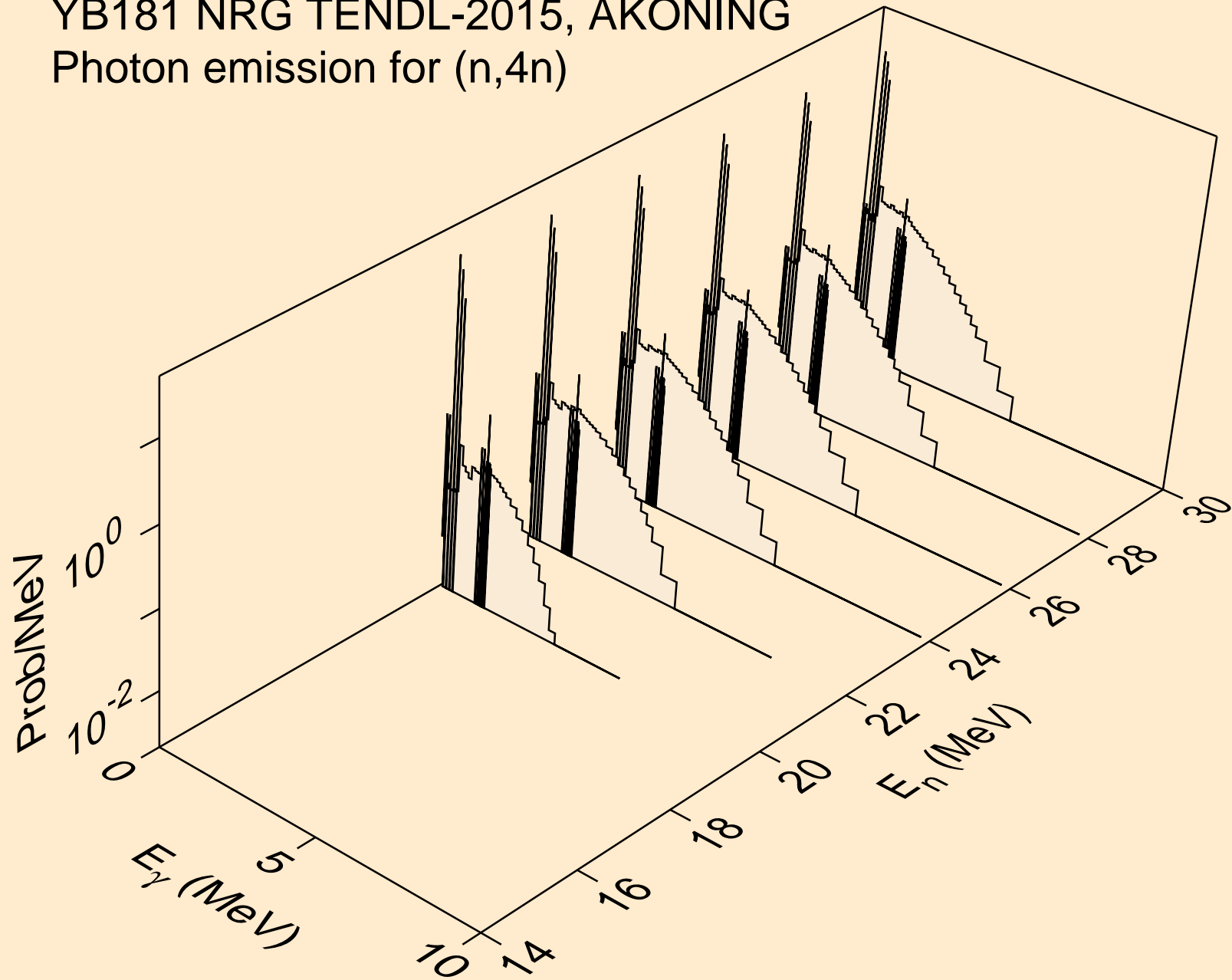
YB181 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



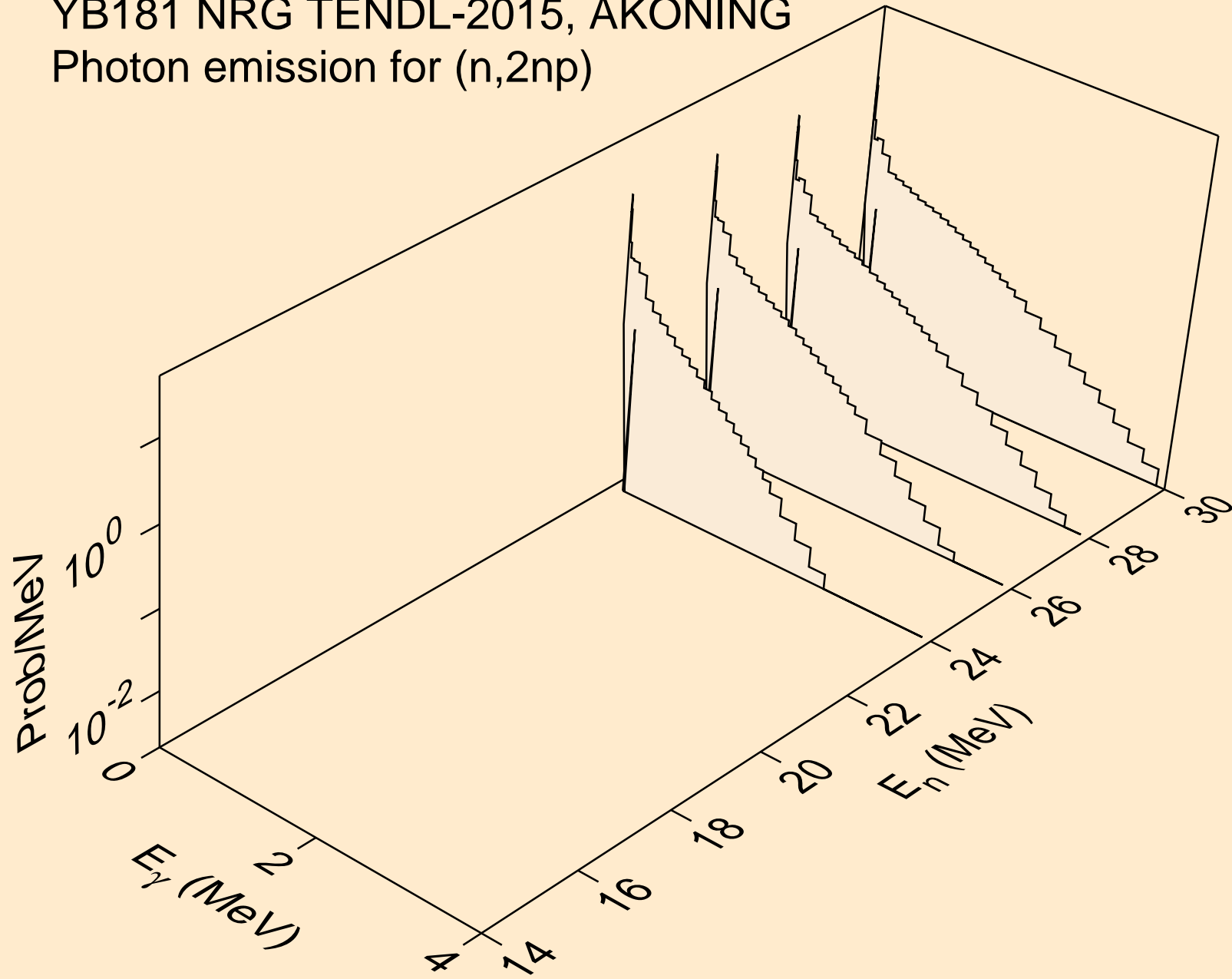
YB181 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



YB181 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)

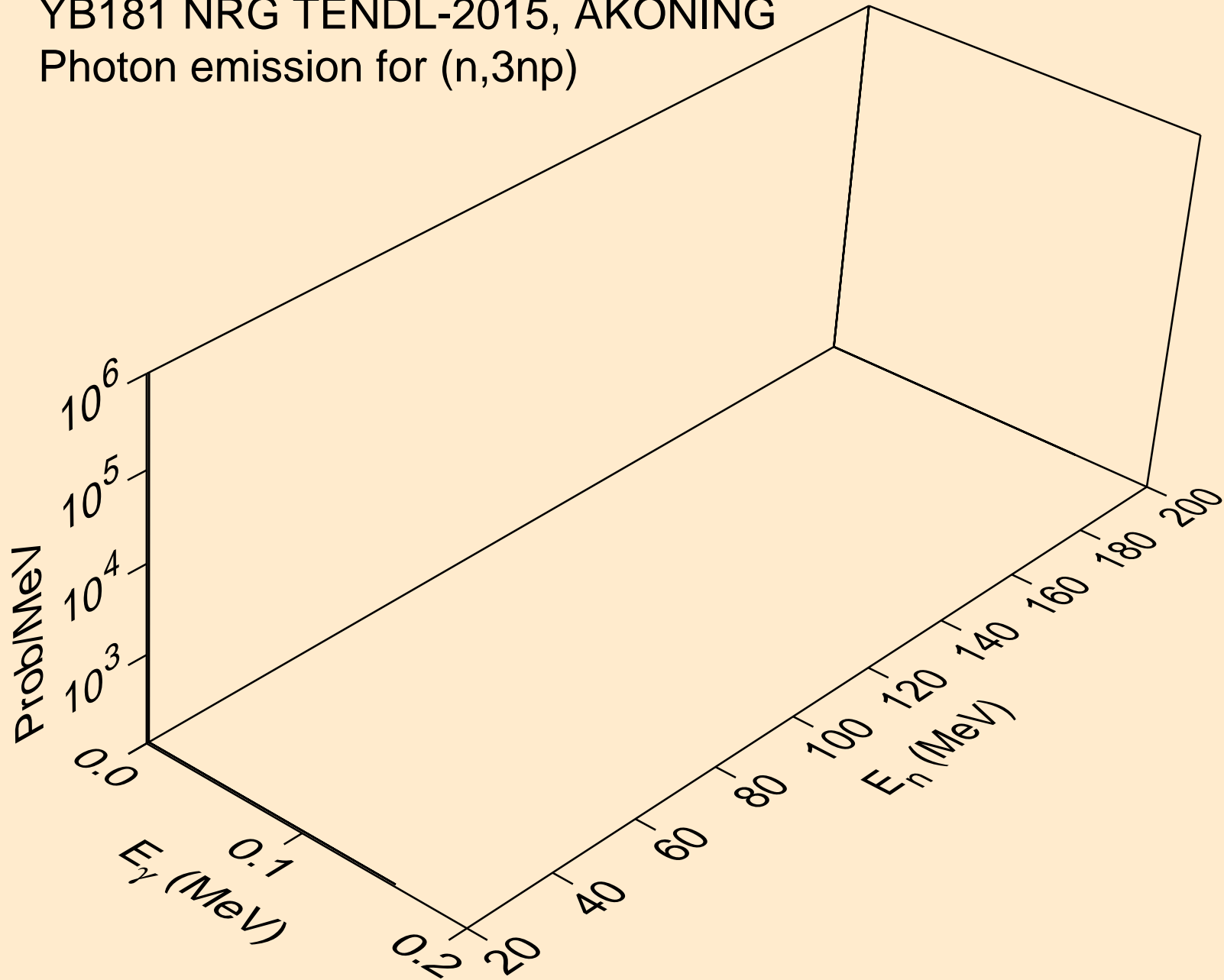


YB181 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

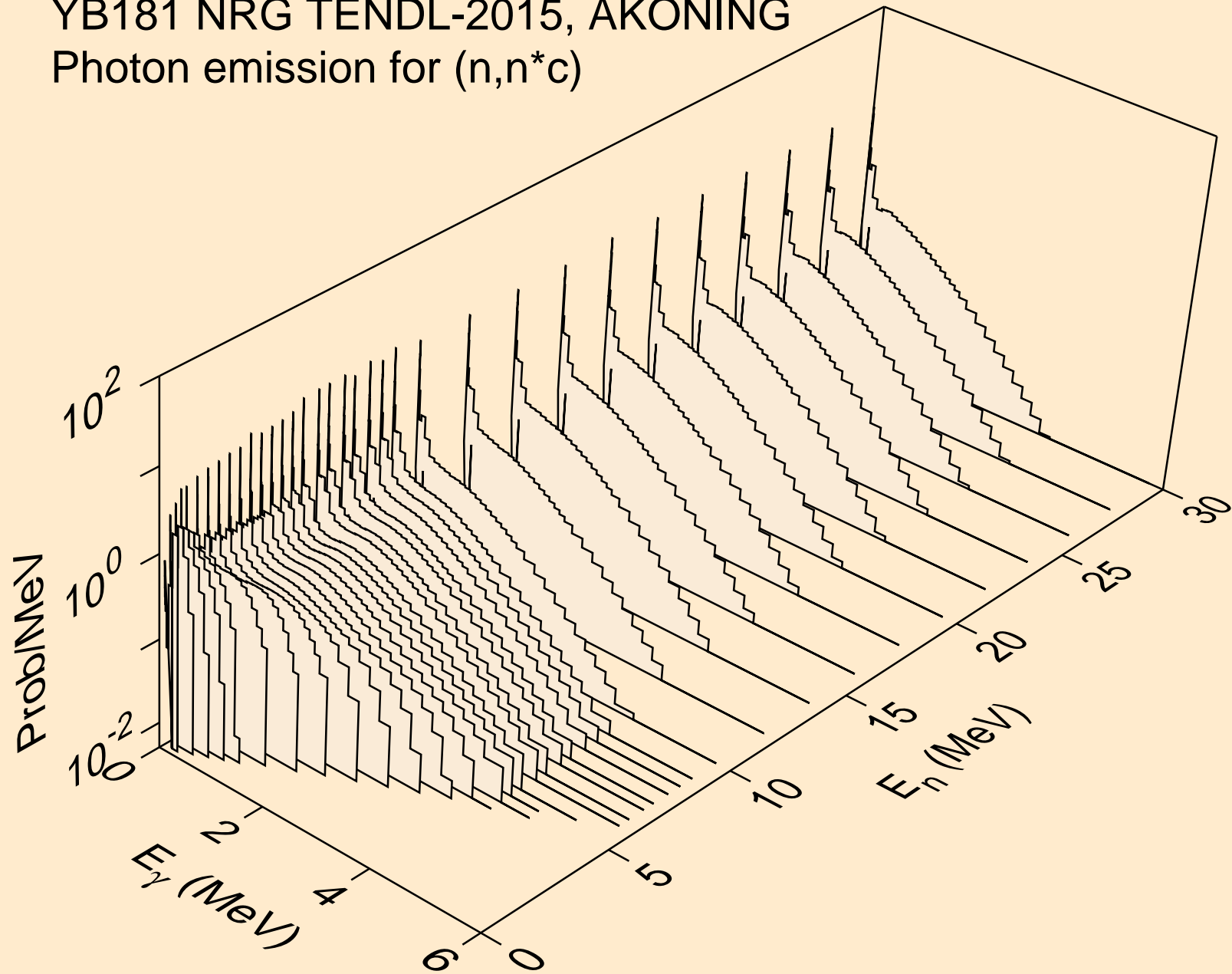




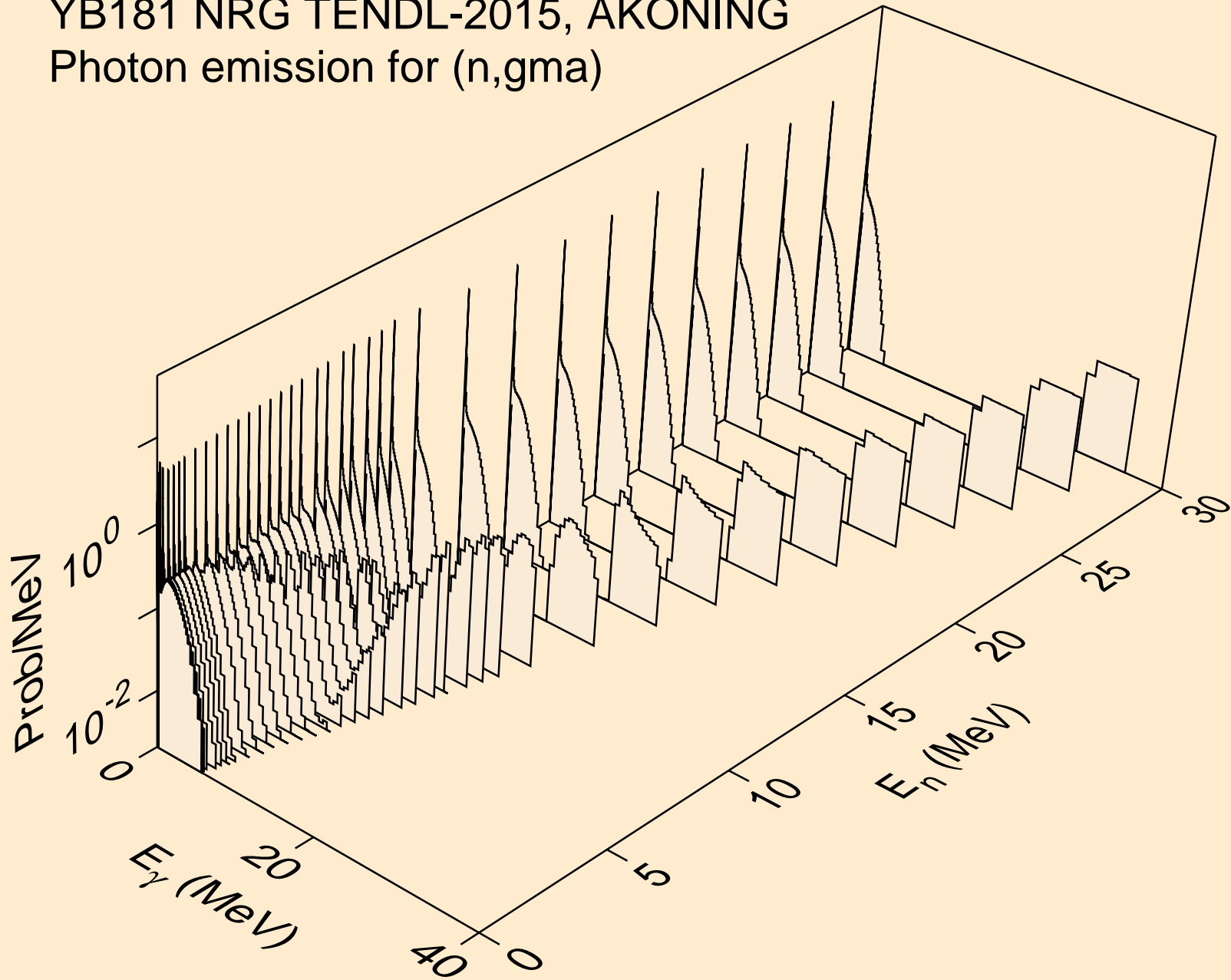
YB181 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



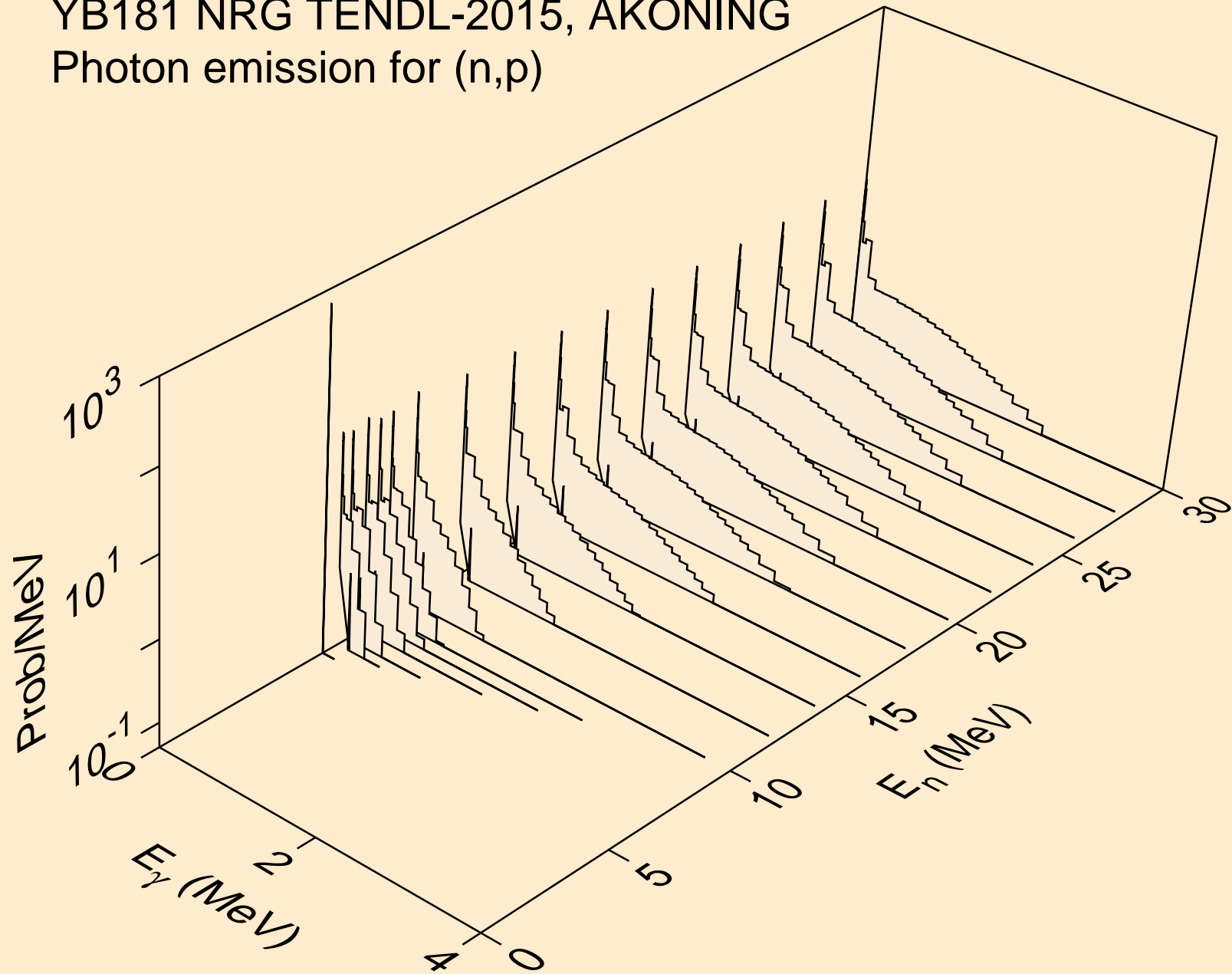
YB181 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



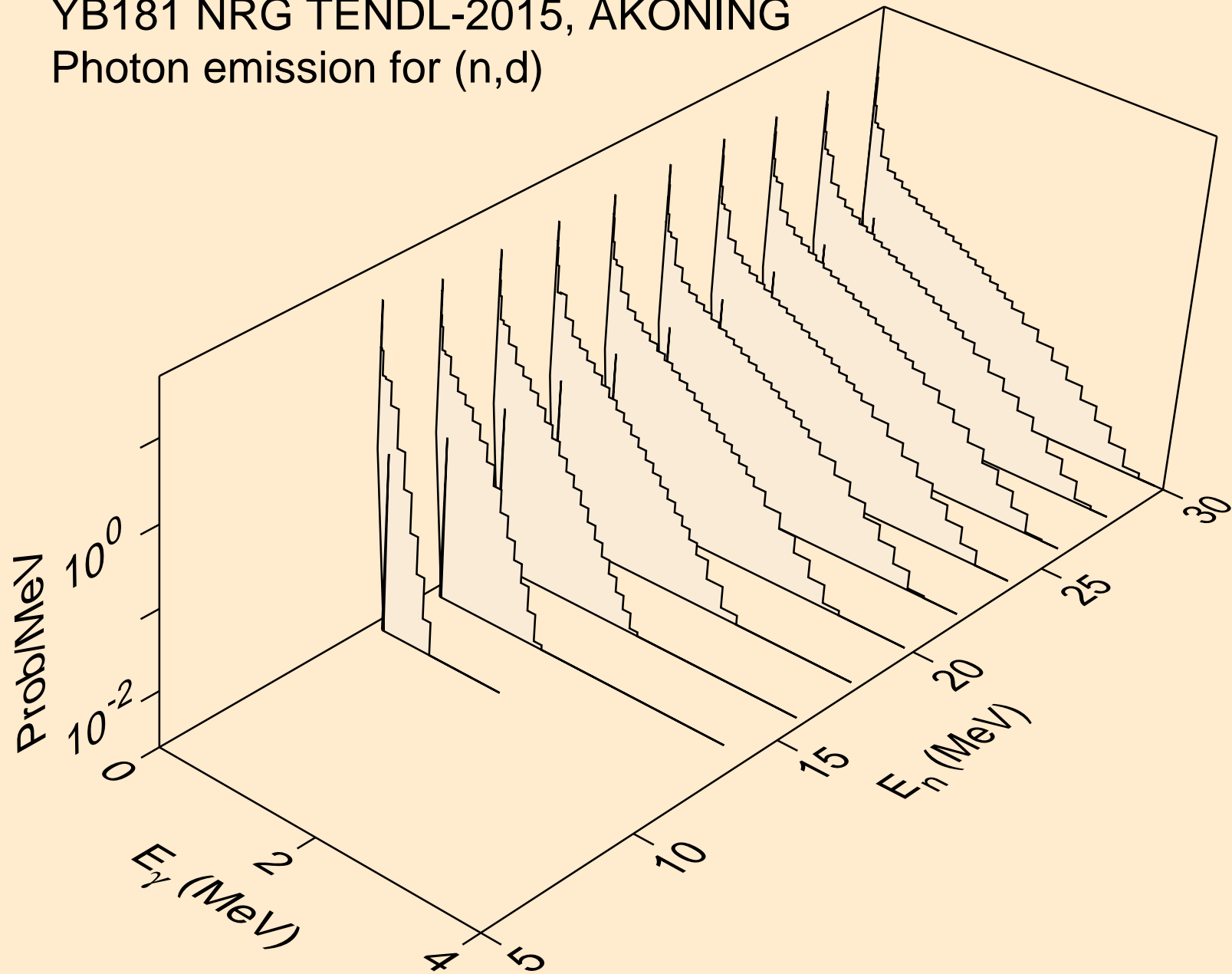
YB181 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



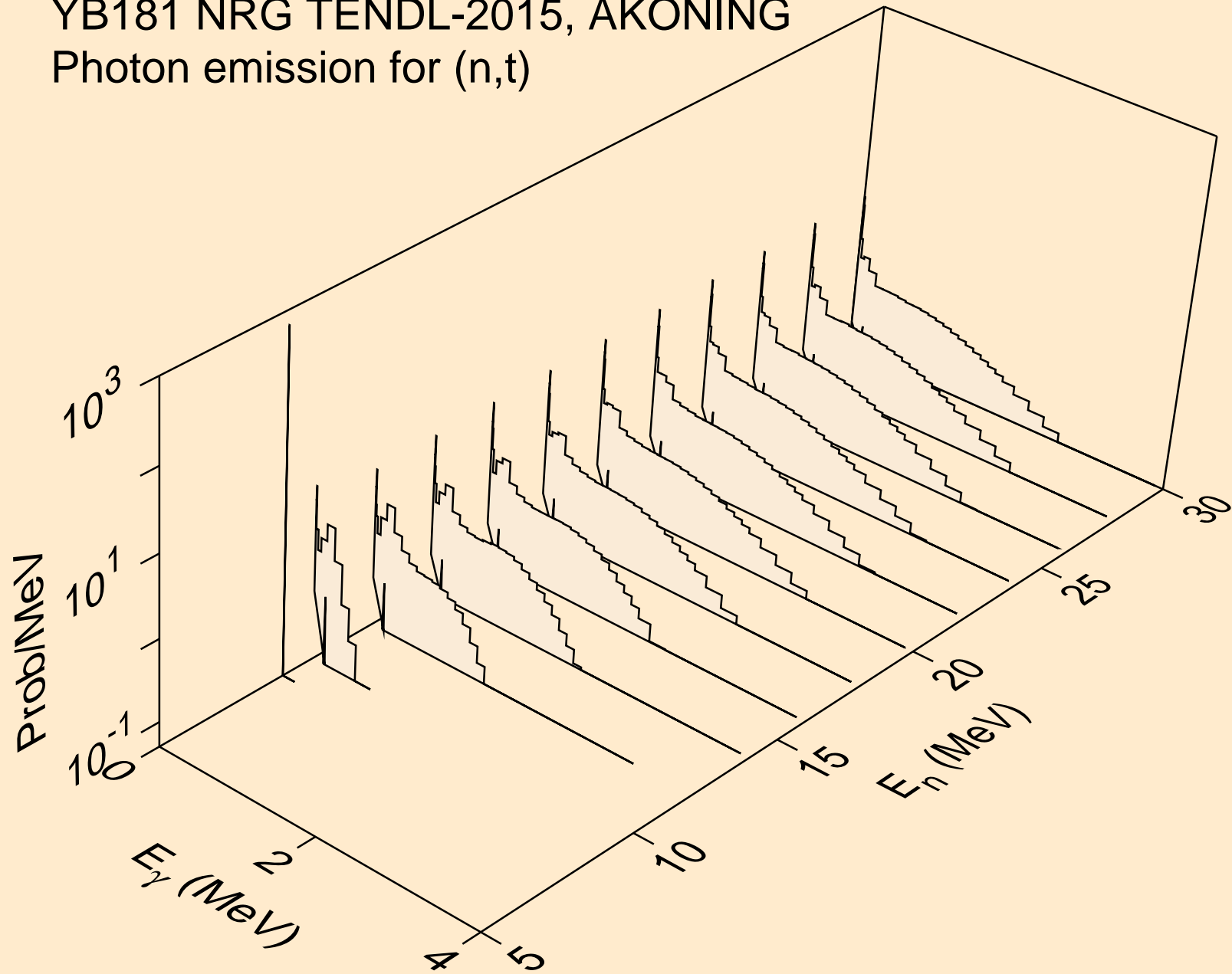
YB181 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



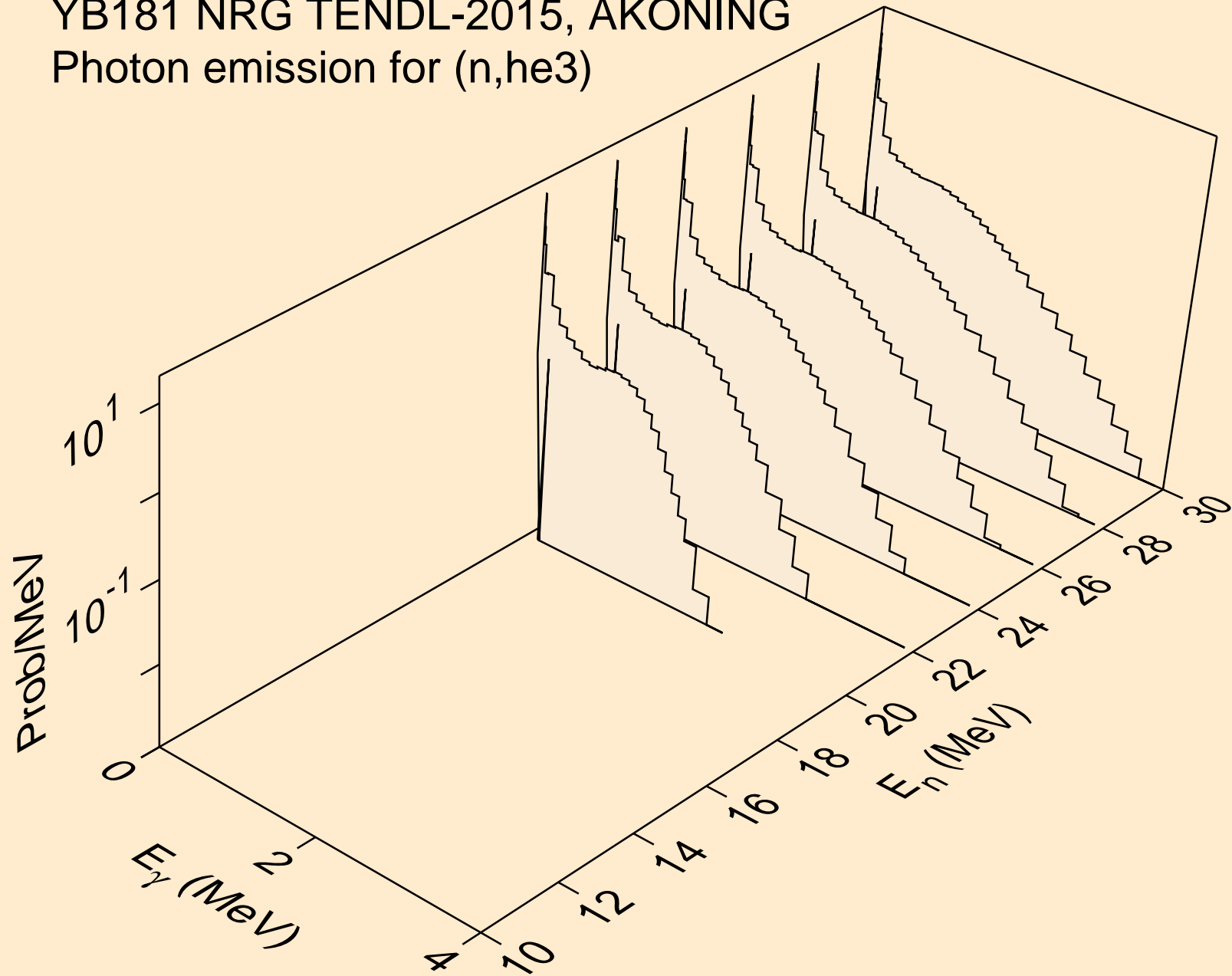
YB181 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



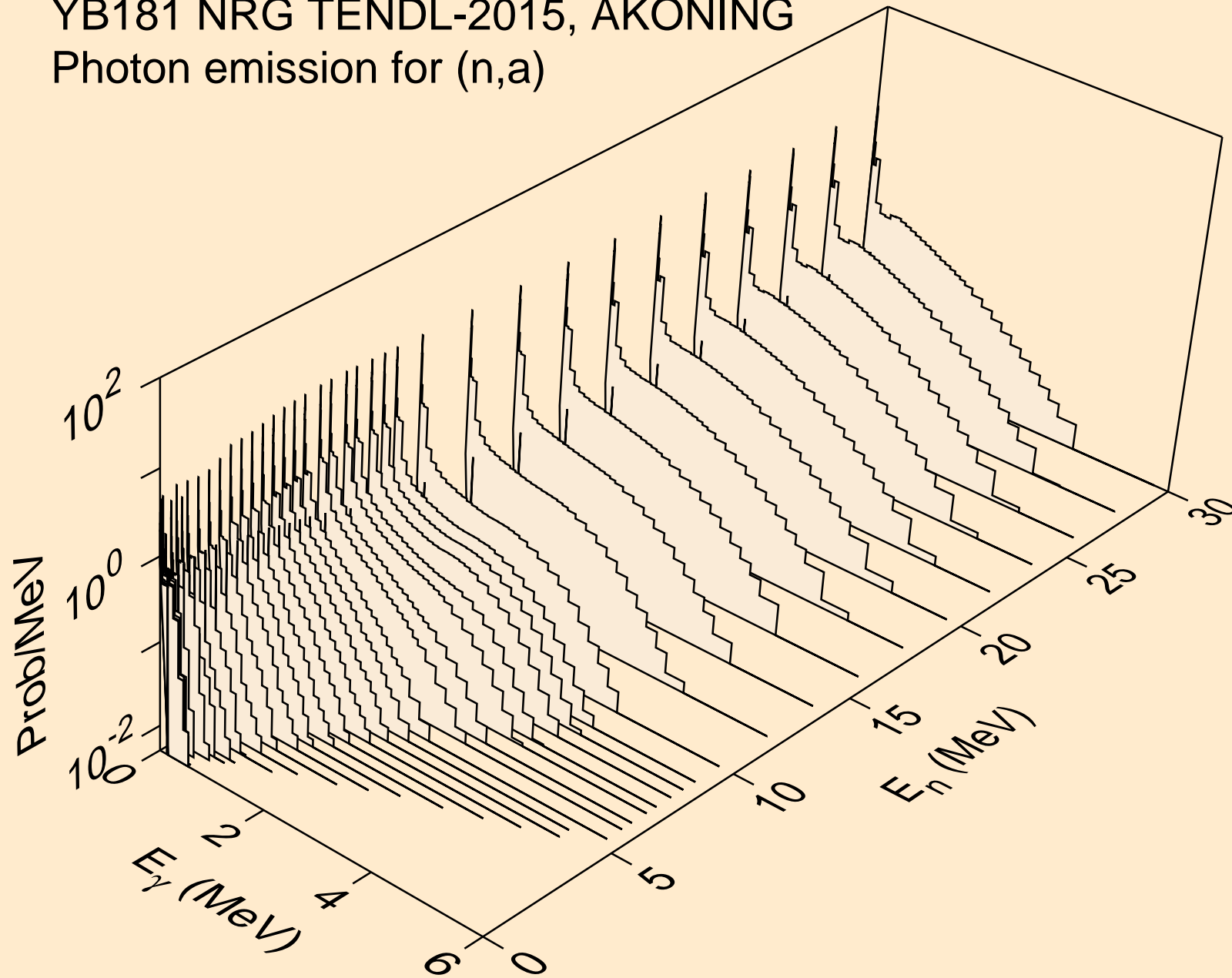
YB181 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



YB181 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)

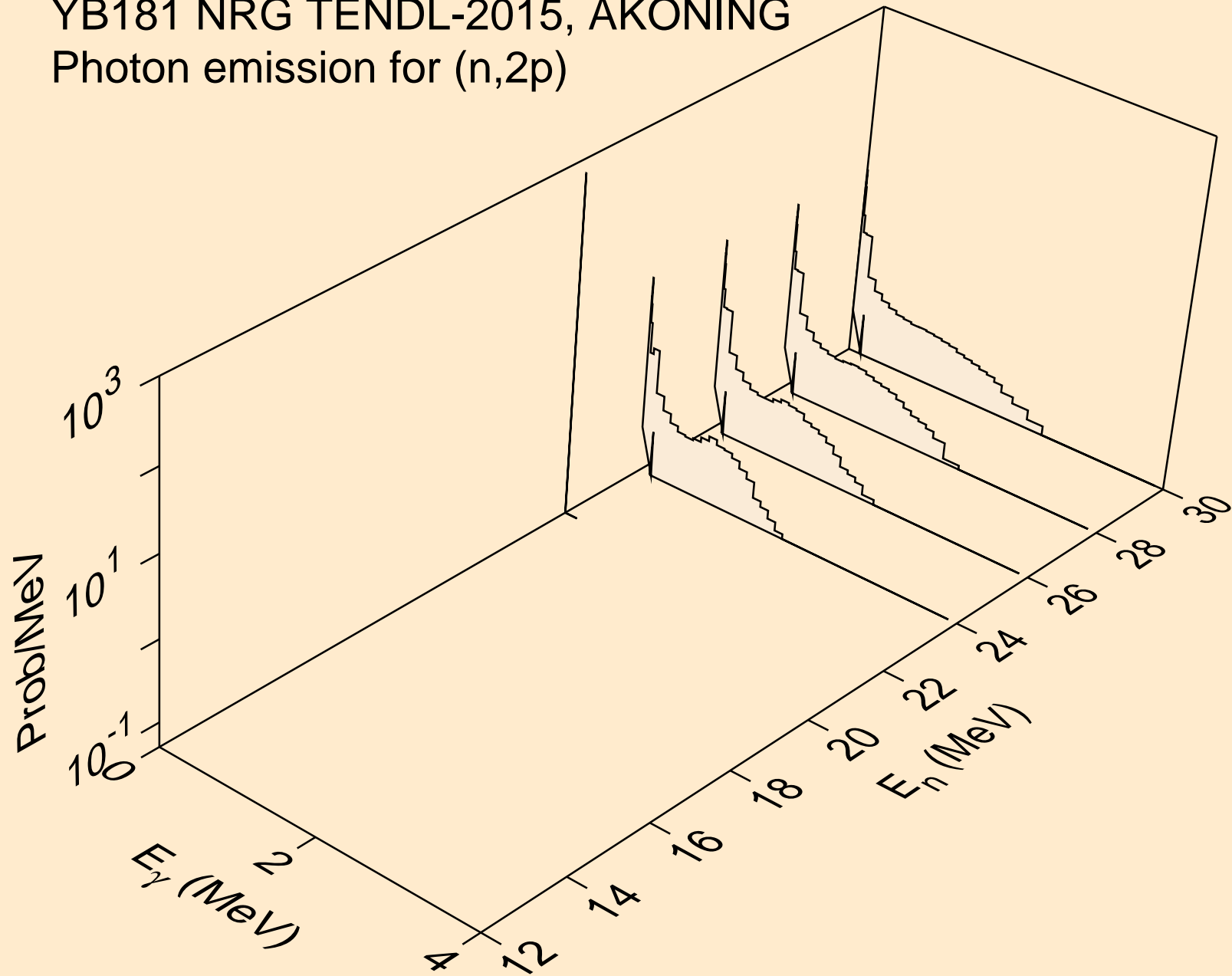


YB181 NRG TENDL-2015, AKONING  
Photon emission for (n,a)

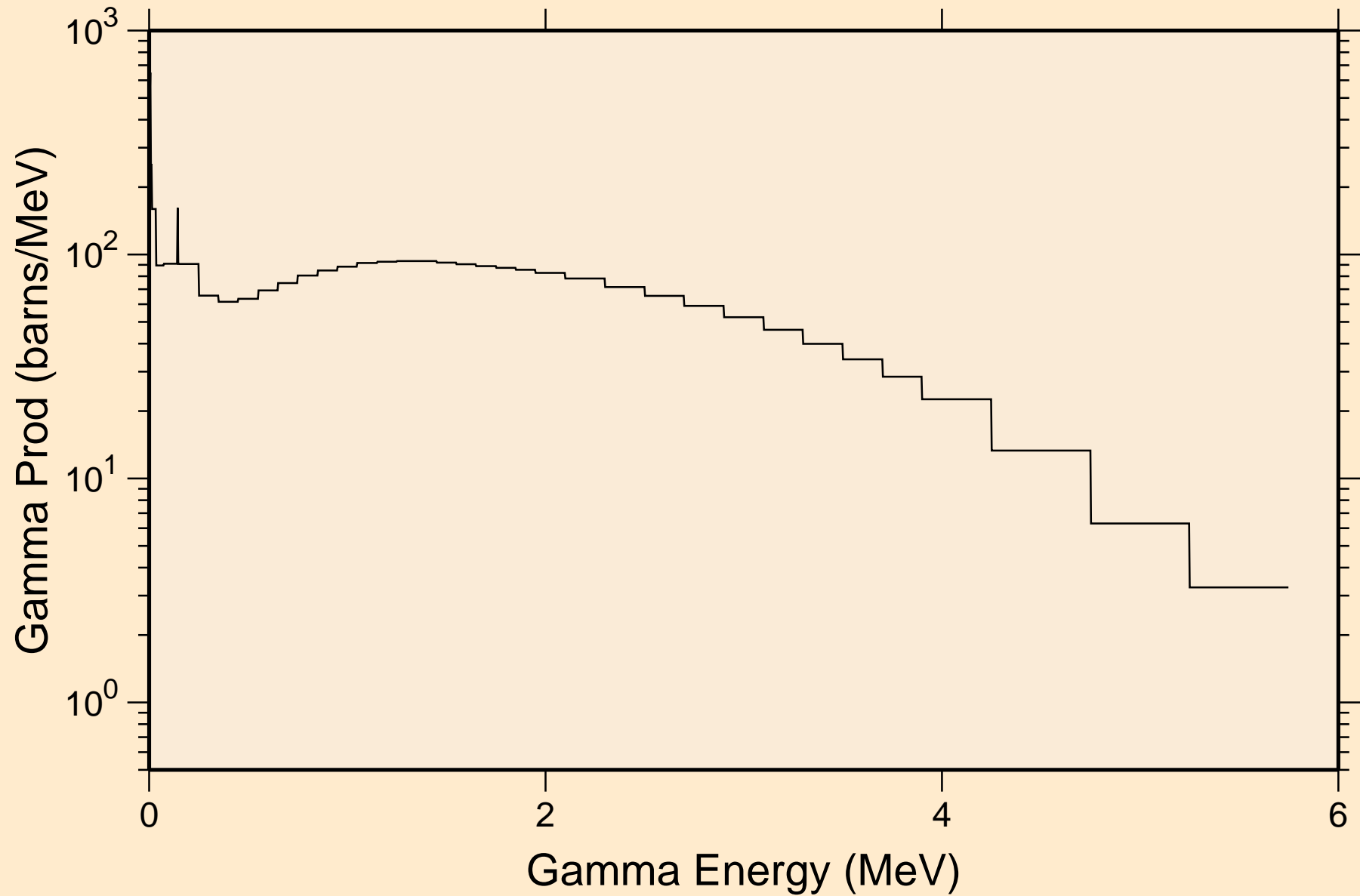




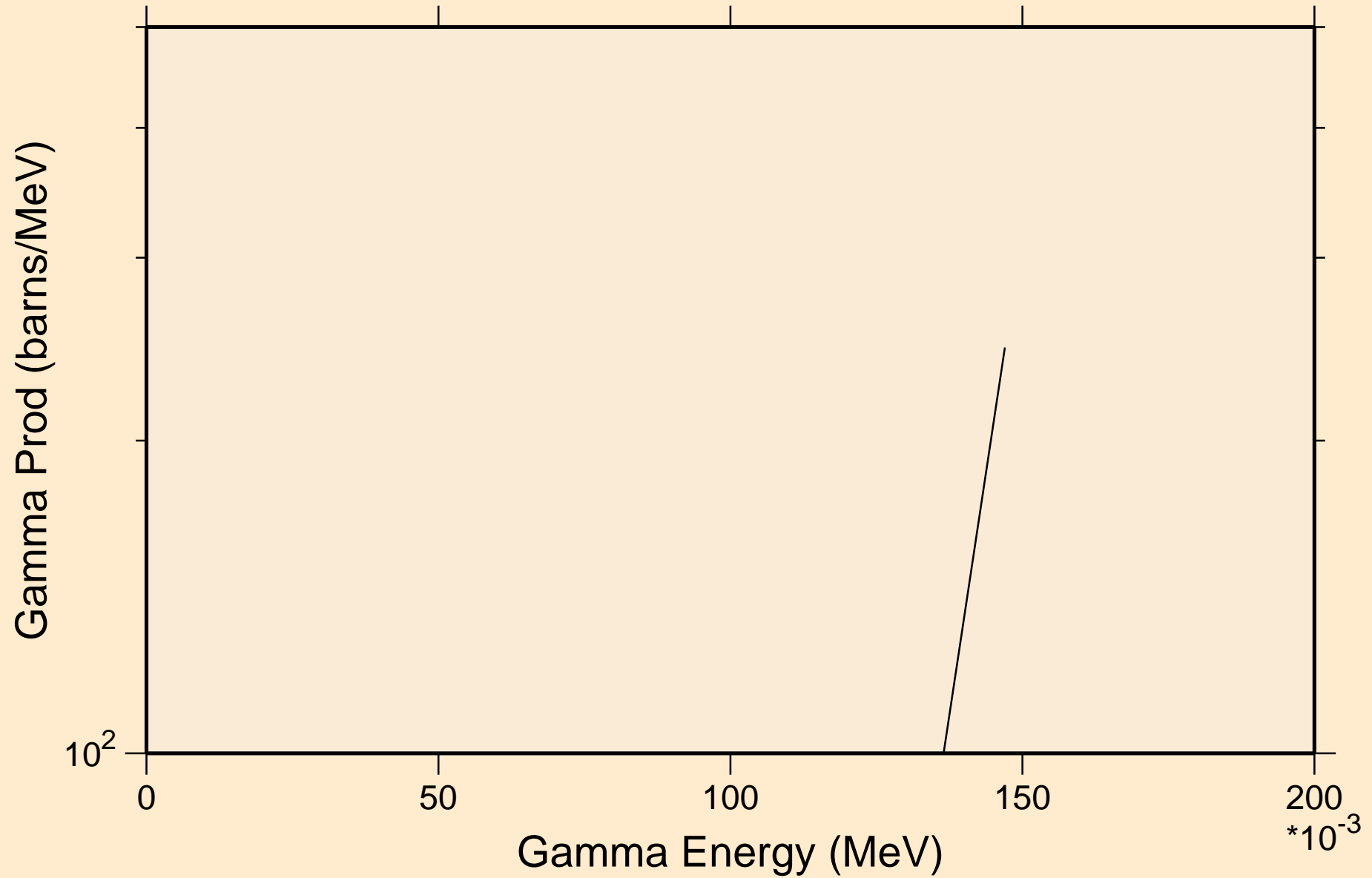
YB181 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



YB181 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

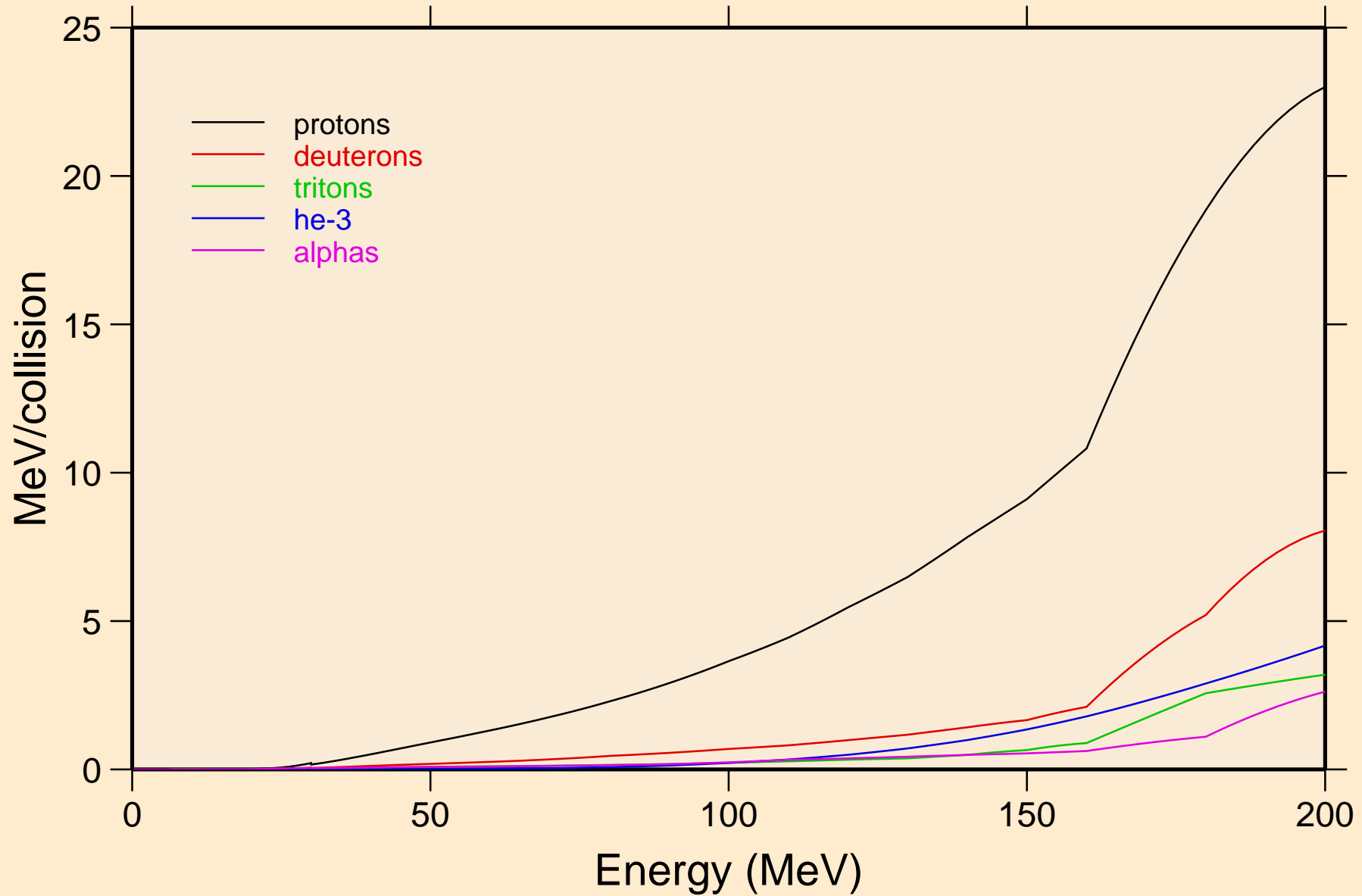


YB181 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



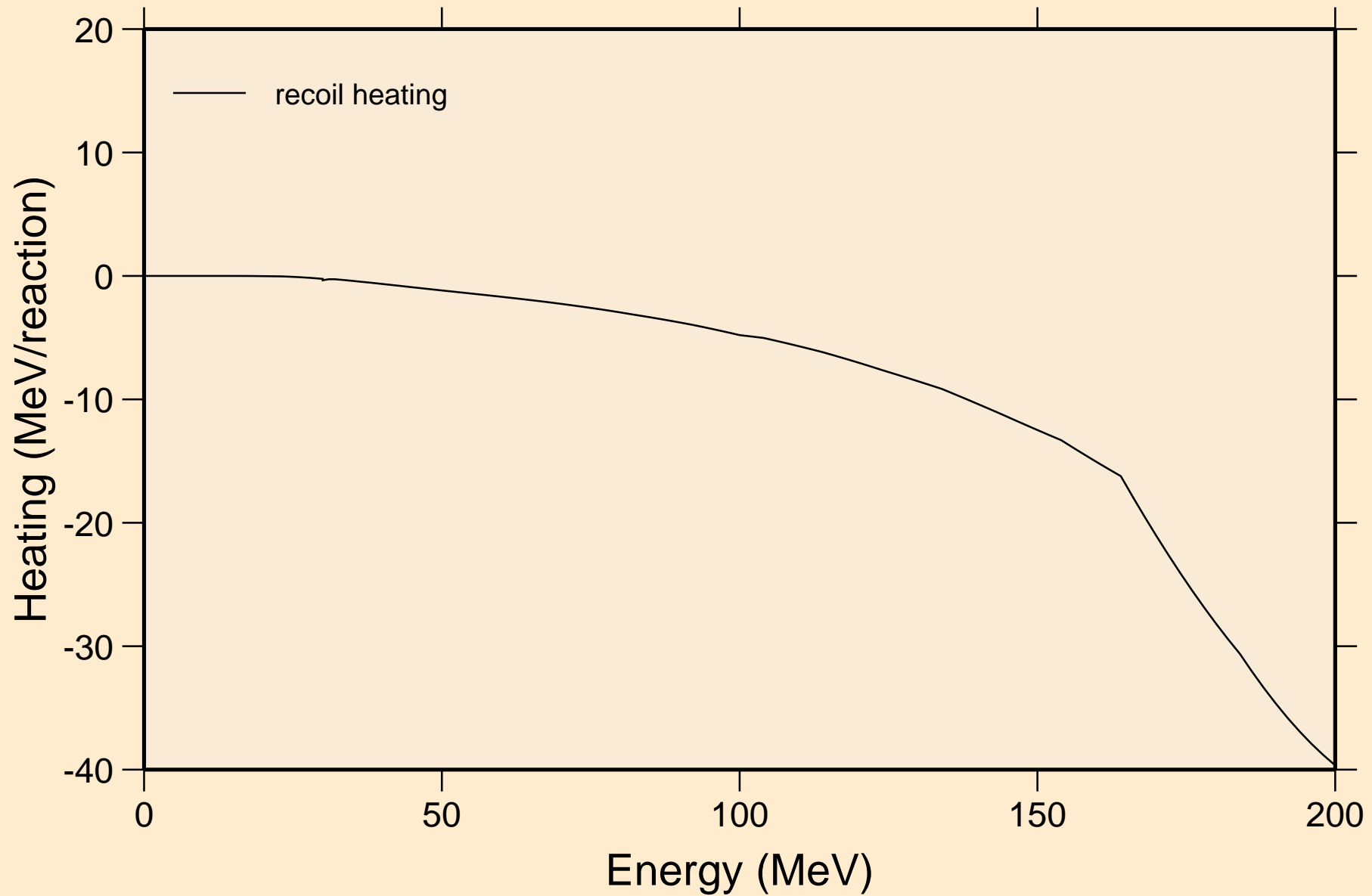
# YB181 NRG TENDL-2015, AKONING

## Particle heating contributions



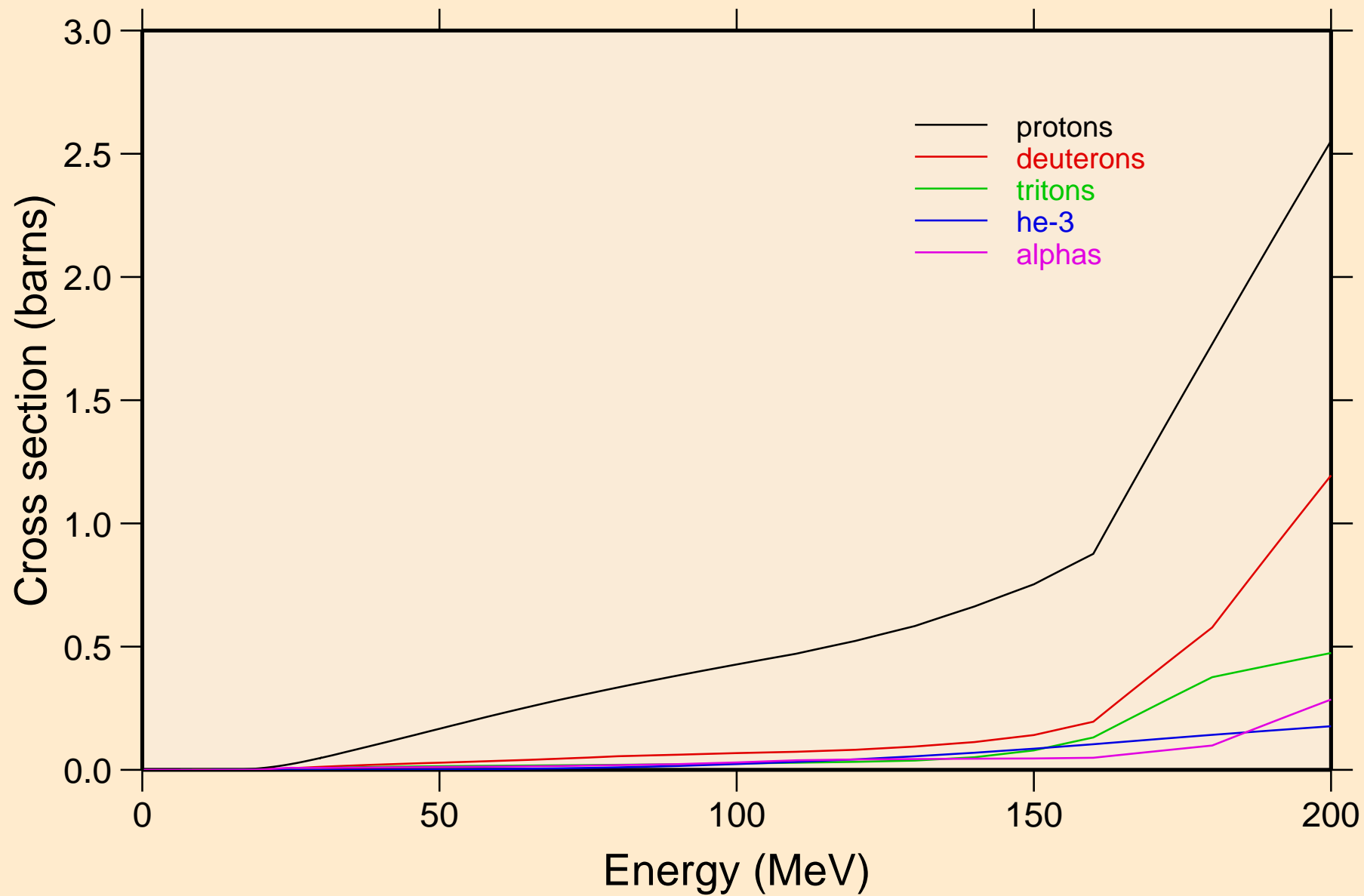
# YB181 NRG TENDL-2015, AKONING

## Recoil Heating

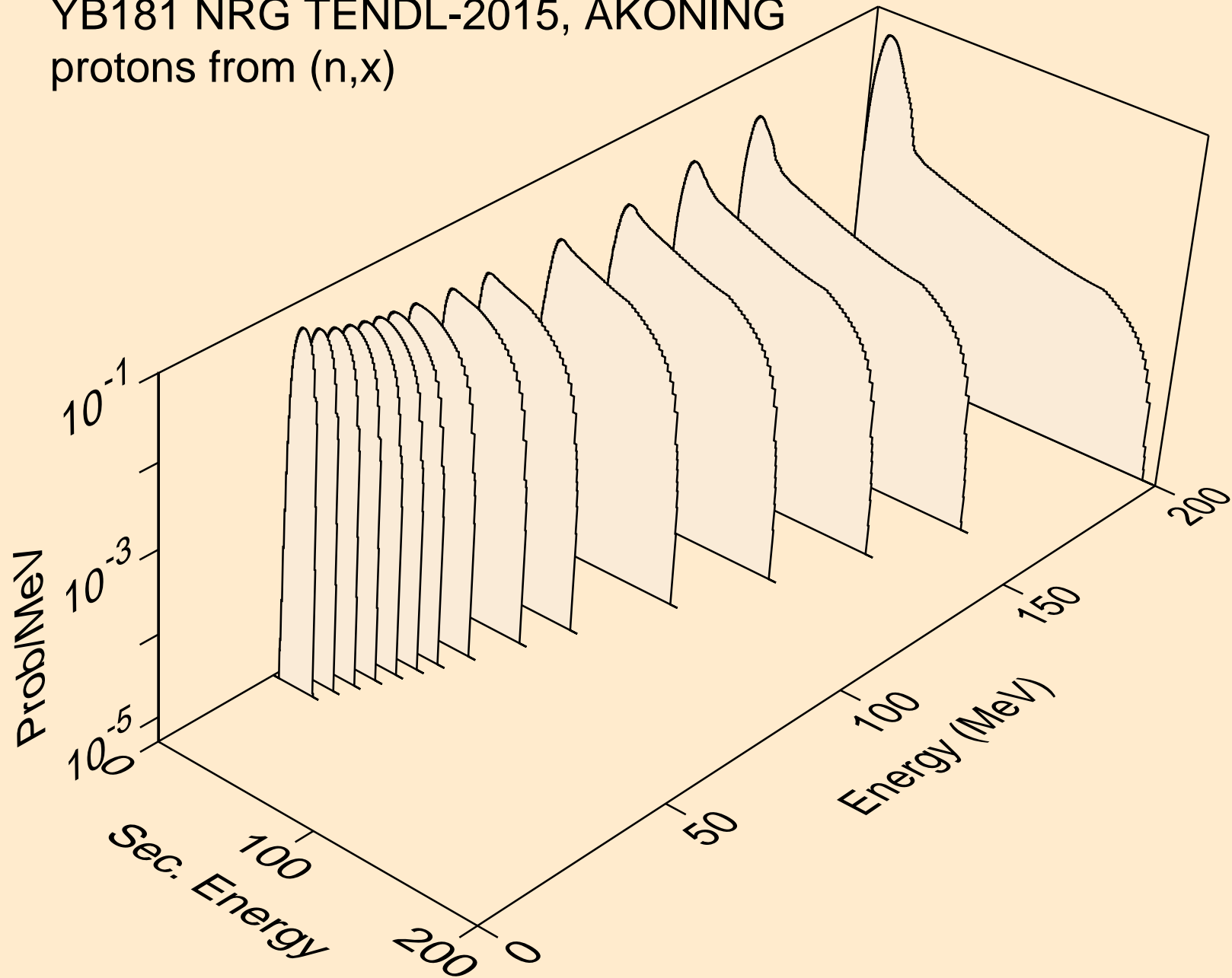


# YB181 NRG TENDL-2015, AKONING

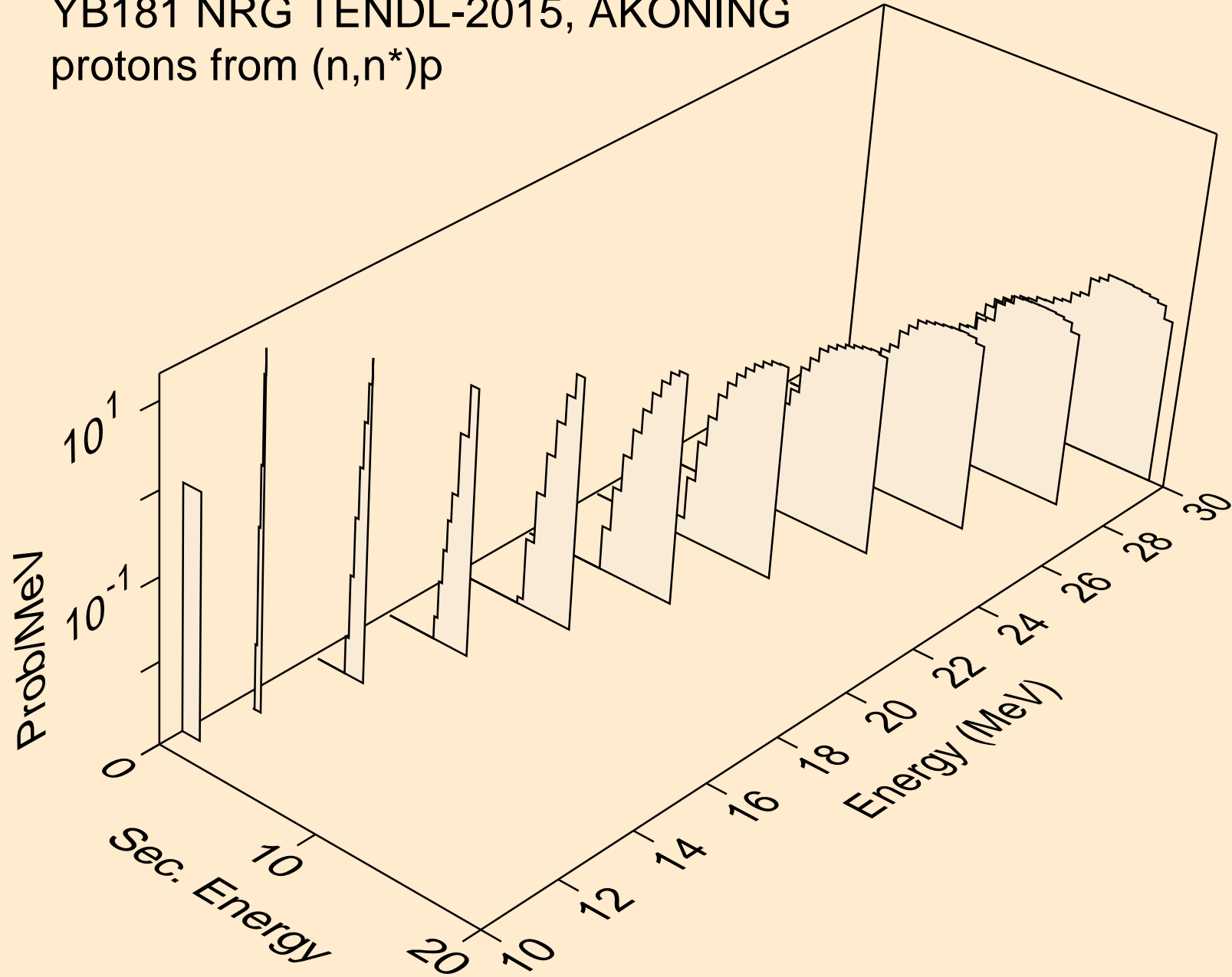
## Particle production cross sections



YB181 NRG TENDL-2015, AKONING  
protons from (n,x)

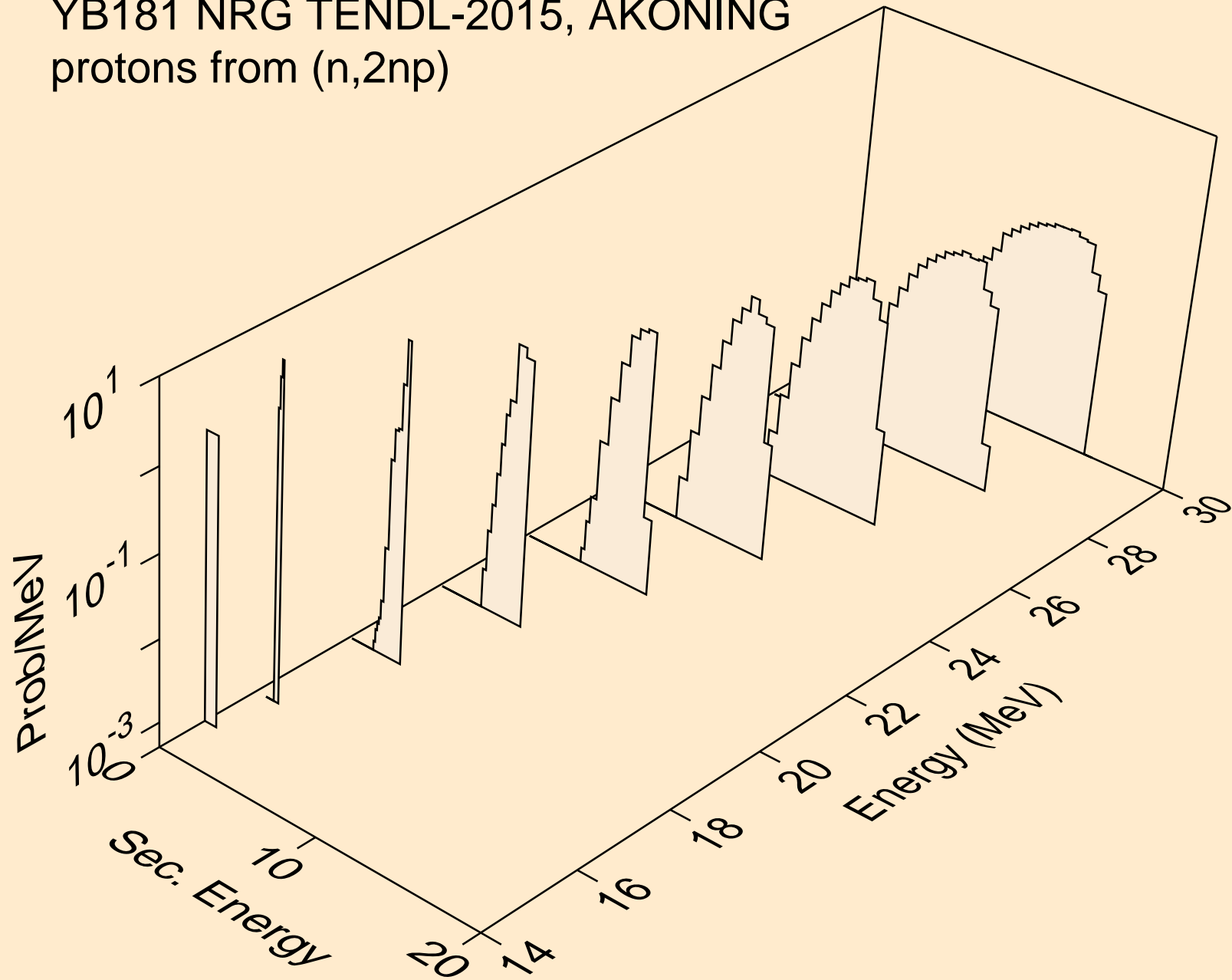


YB181 NRG TENDL-2015, AKONING  
protons from (n,n\*)p

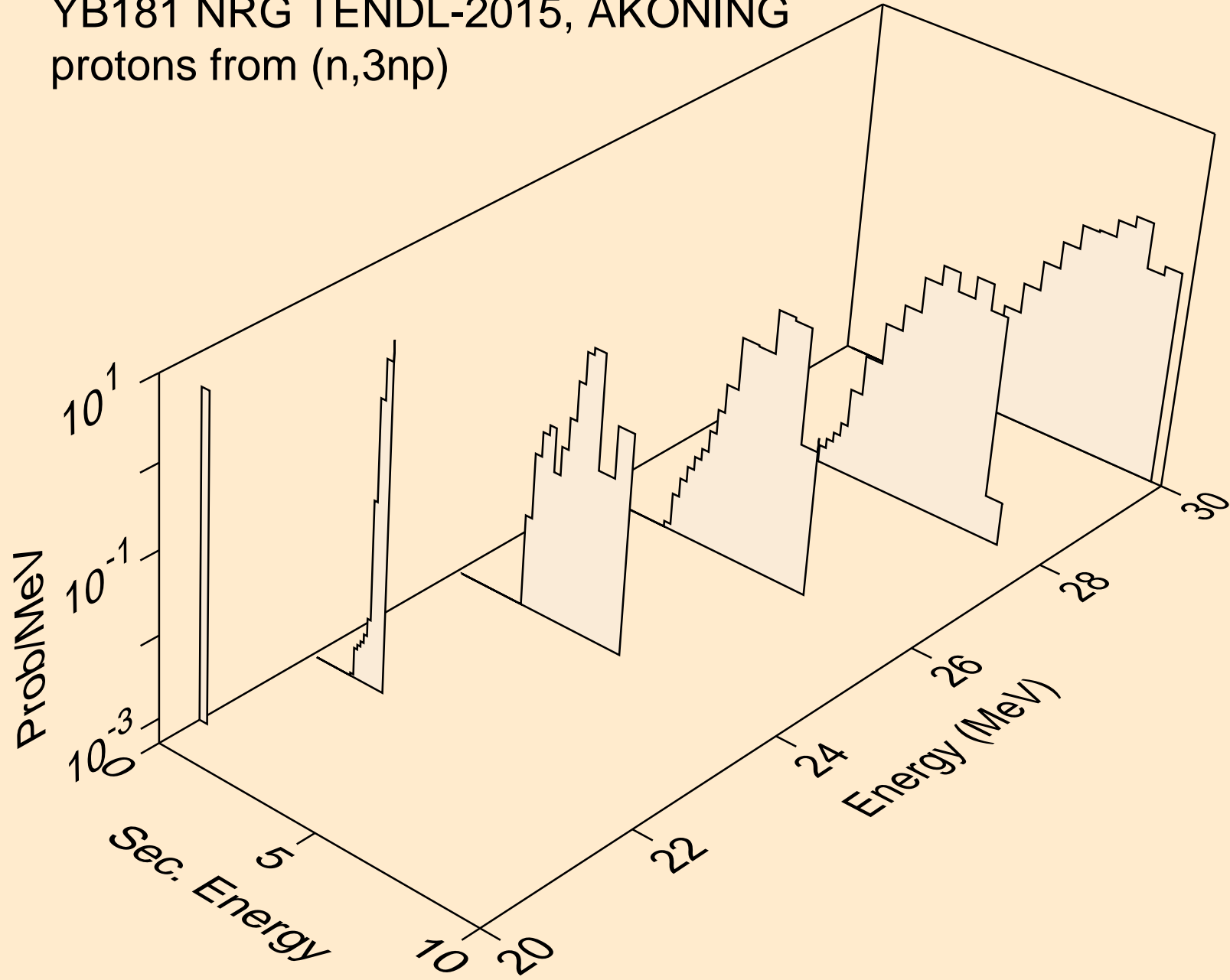




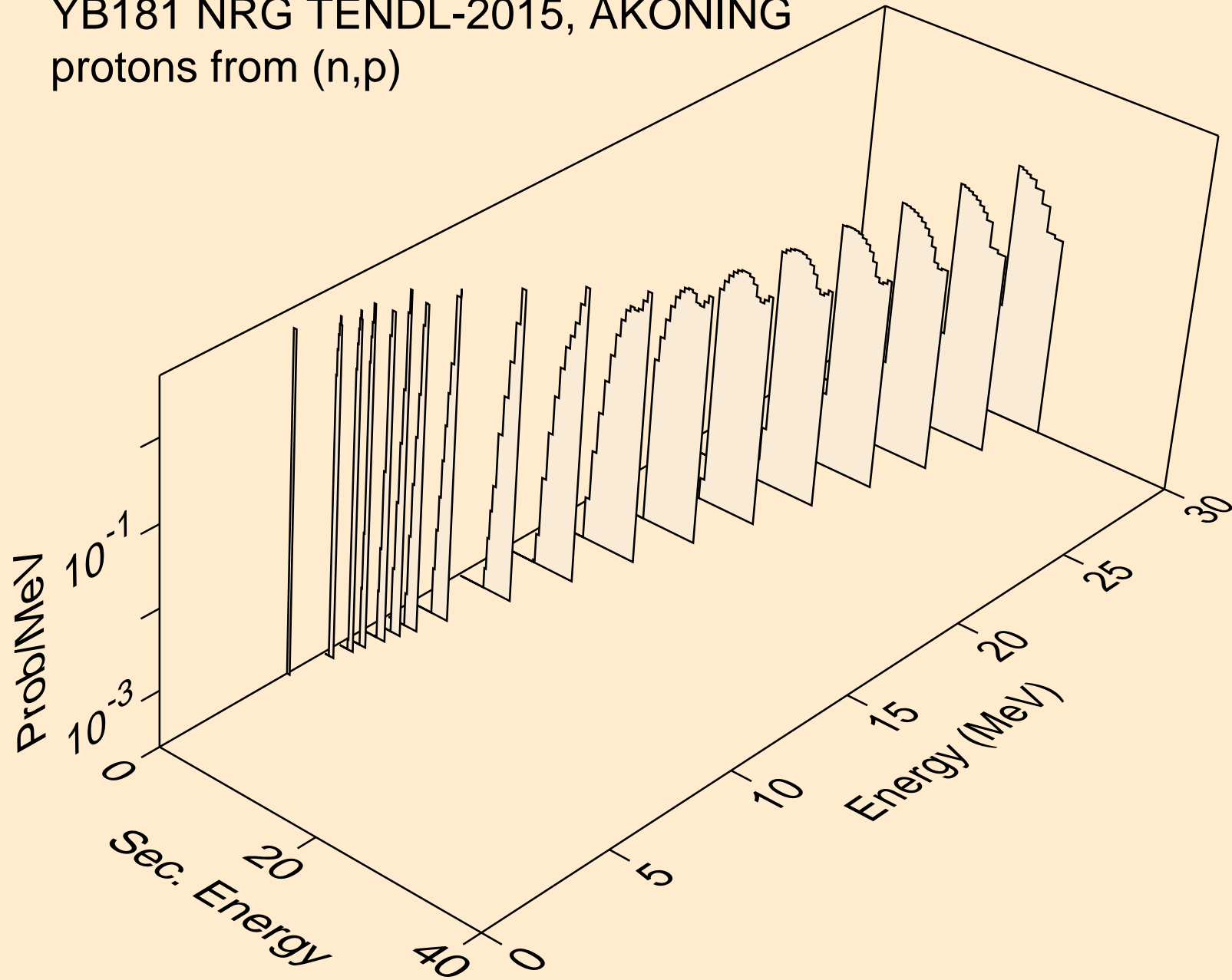
YB181 NRG TENDL-2015, AKONING  
protons from (n,2np)



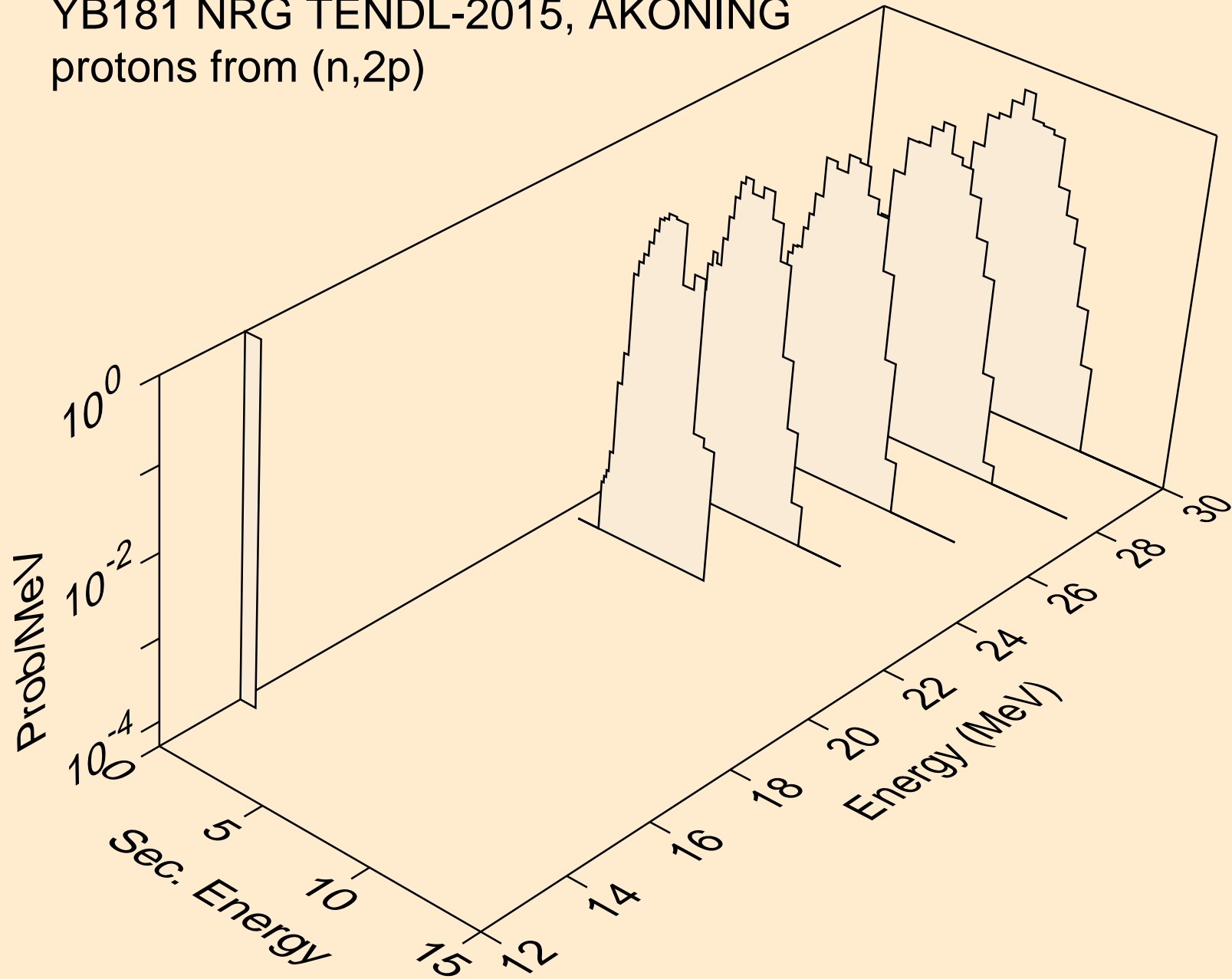
YB181 NRG TENDL-2015, AKONING  
protons from (n,3np)



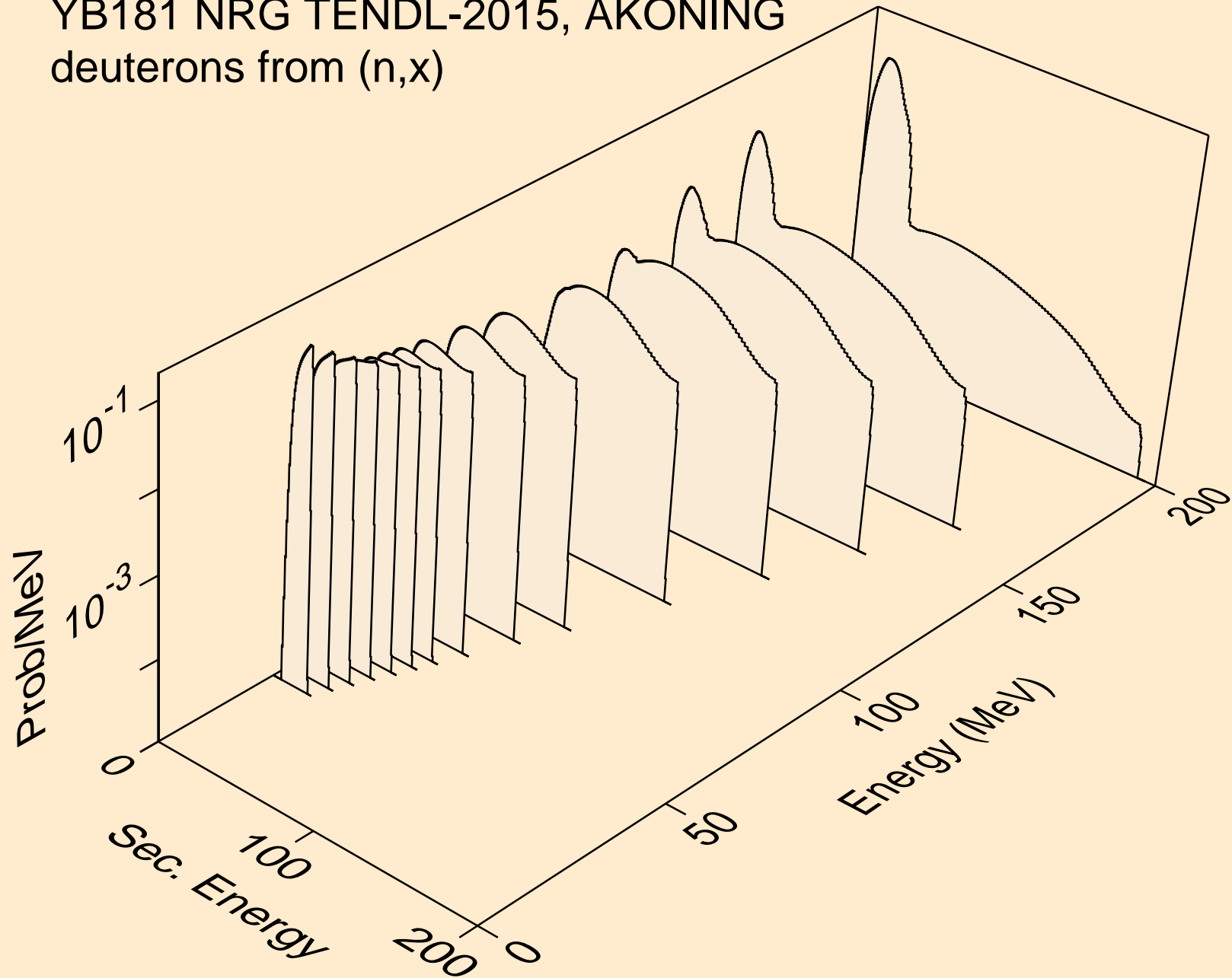
YB181 NRG TENDL-2015, AKONING  
protons from (n,p)



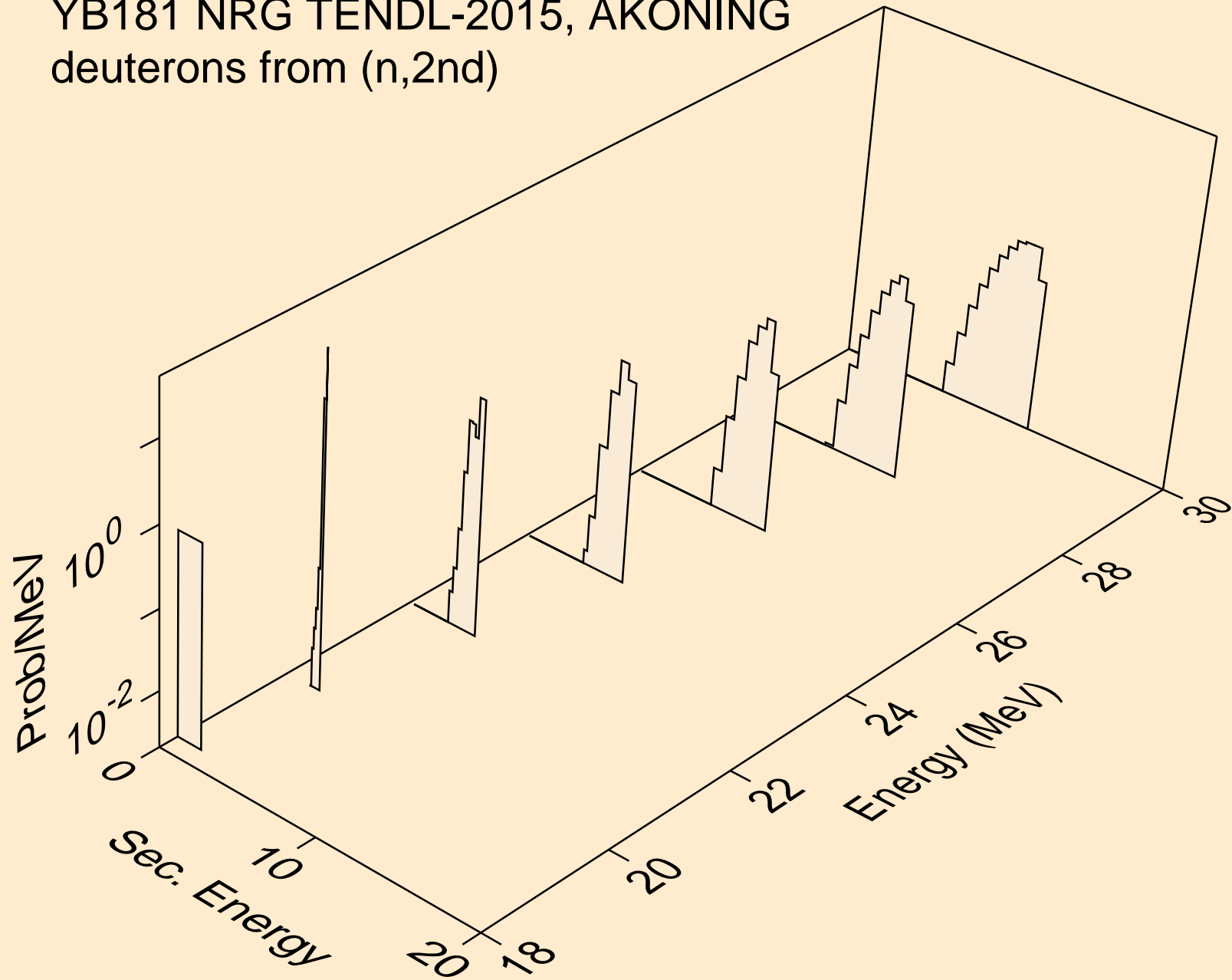
YB181 NRG TENDL-2015, AKONING  
protons from (n,2p)



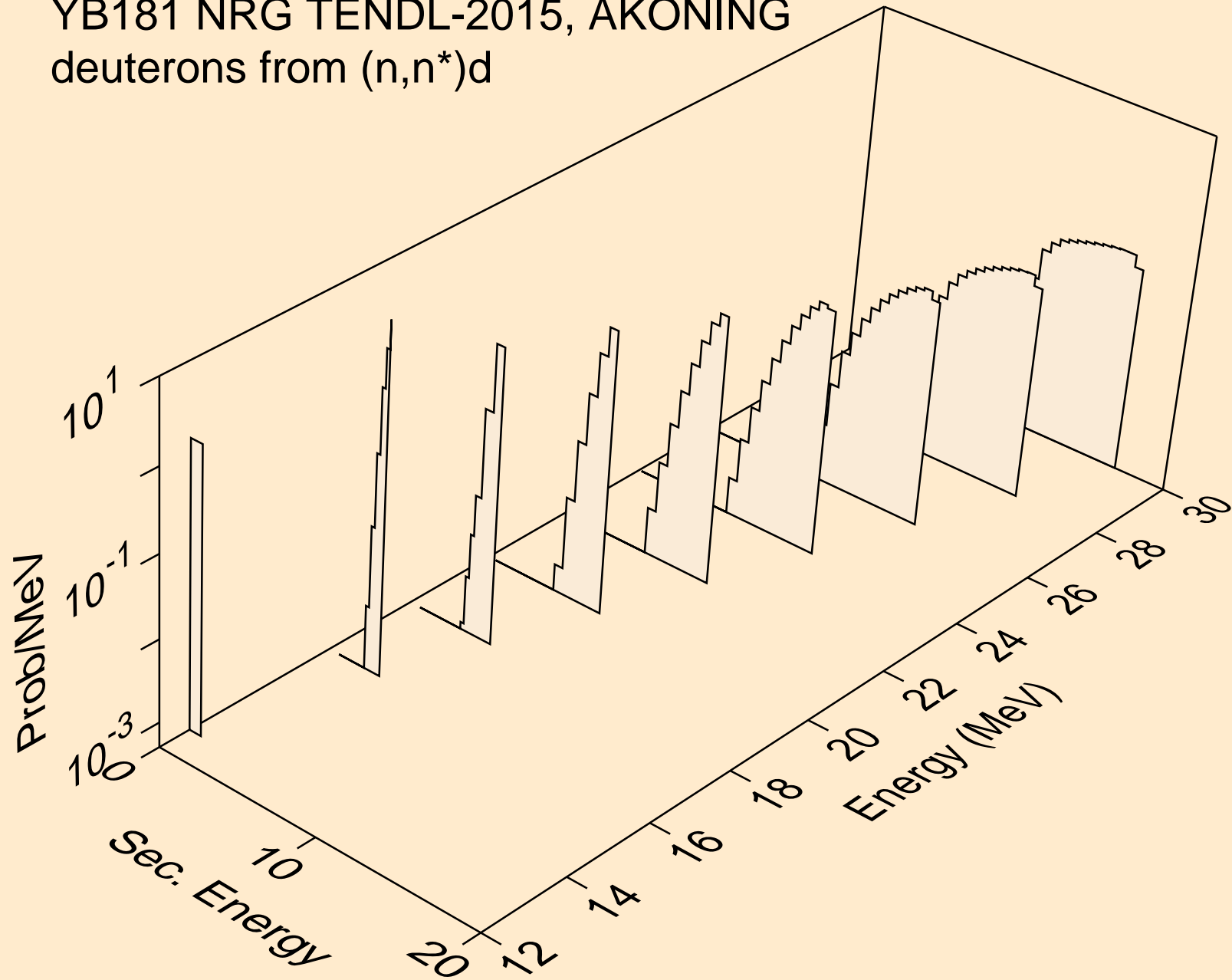
YB181 NRG TENDL-2015, AKONING  
deuterons from (n,x)



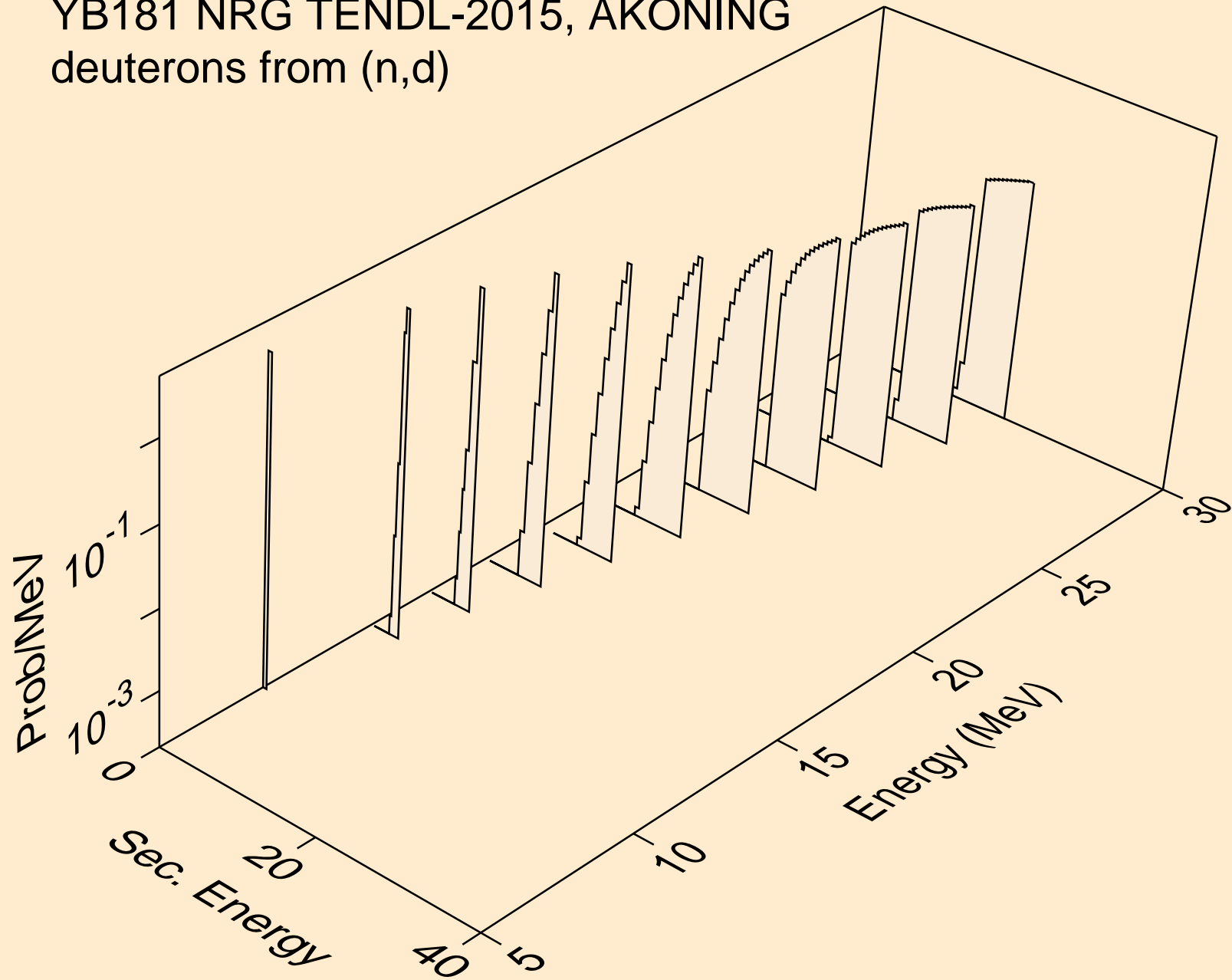
YB181 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



YB181 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d

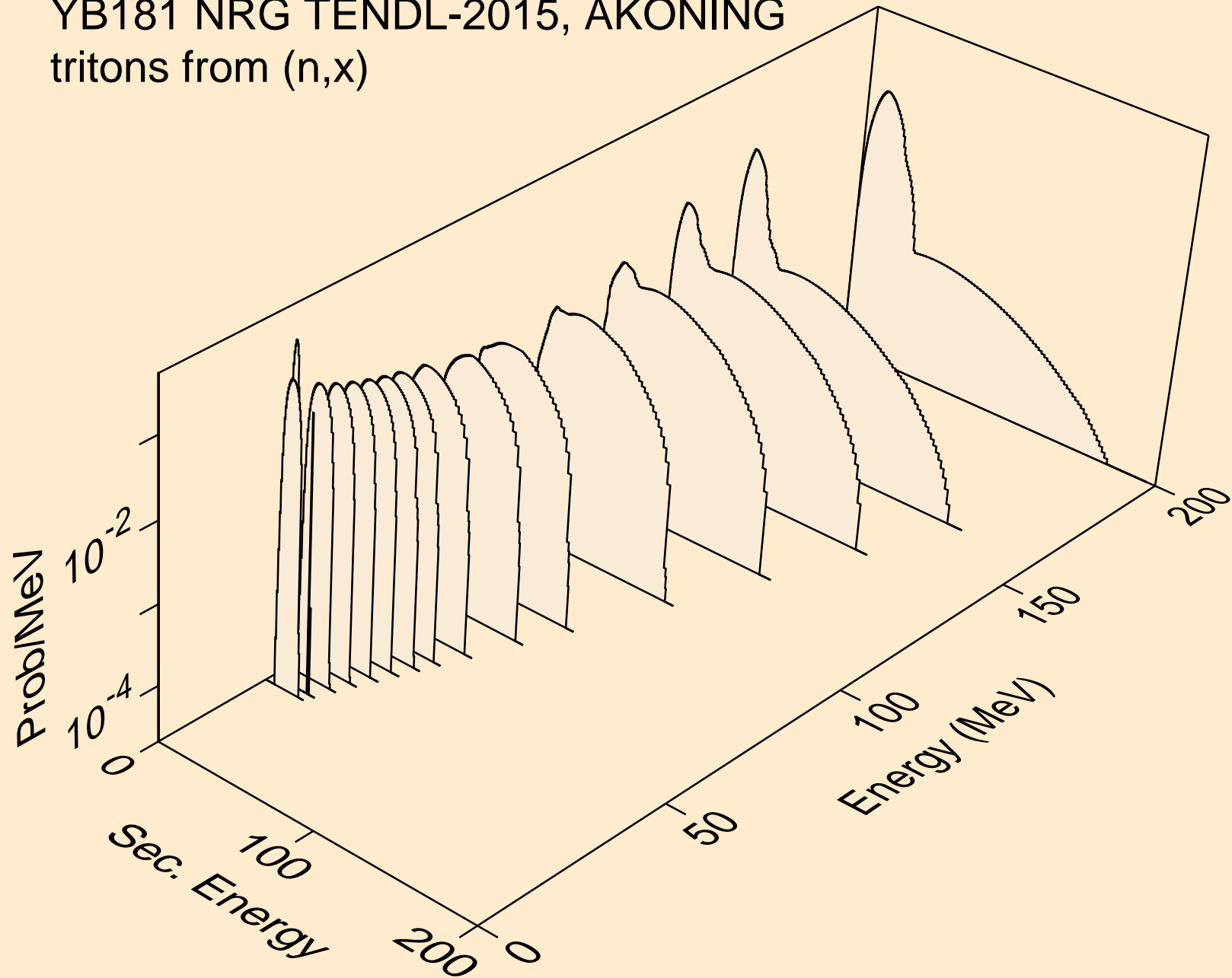


YB181 NRG TENDL-2015, AKONING  
deuterons from (n,d)

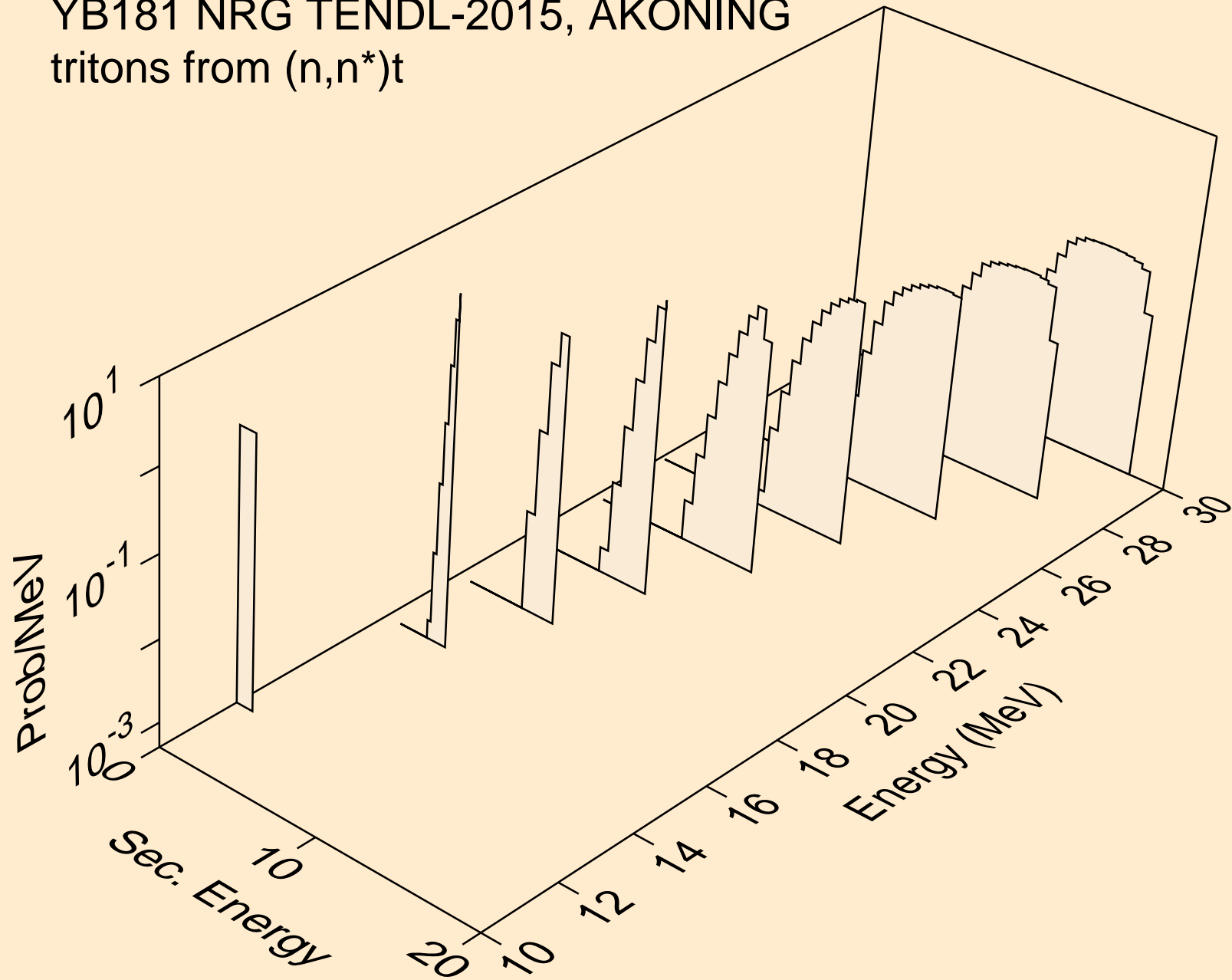




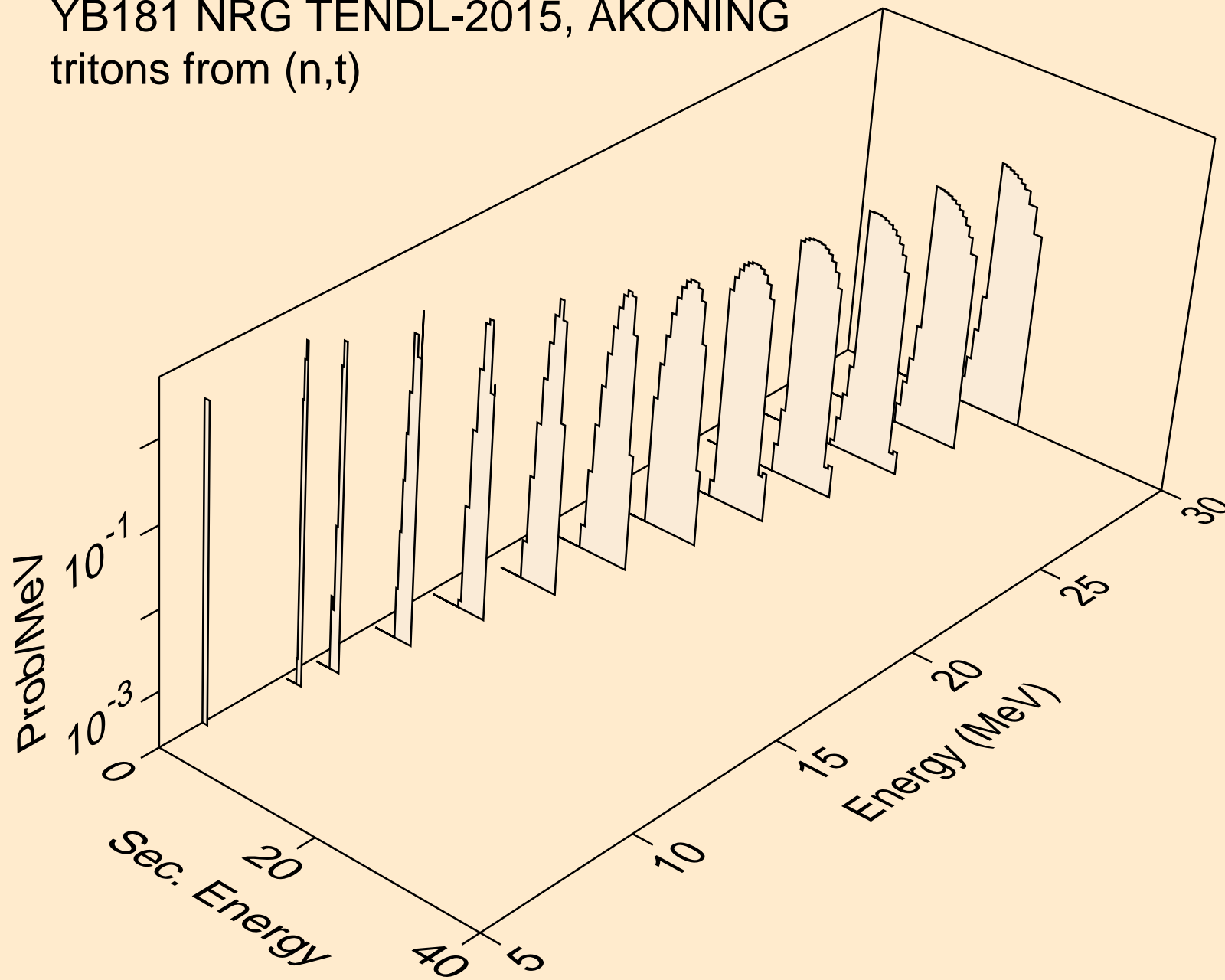
YB181 NRG TENDL-2015, AKONING  
tritons from (n,x)



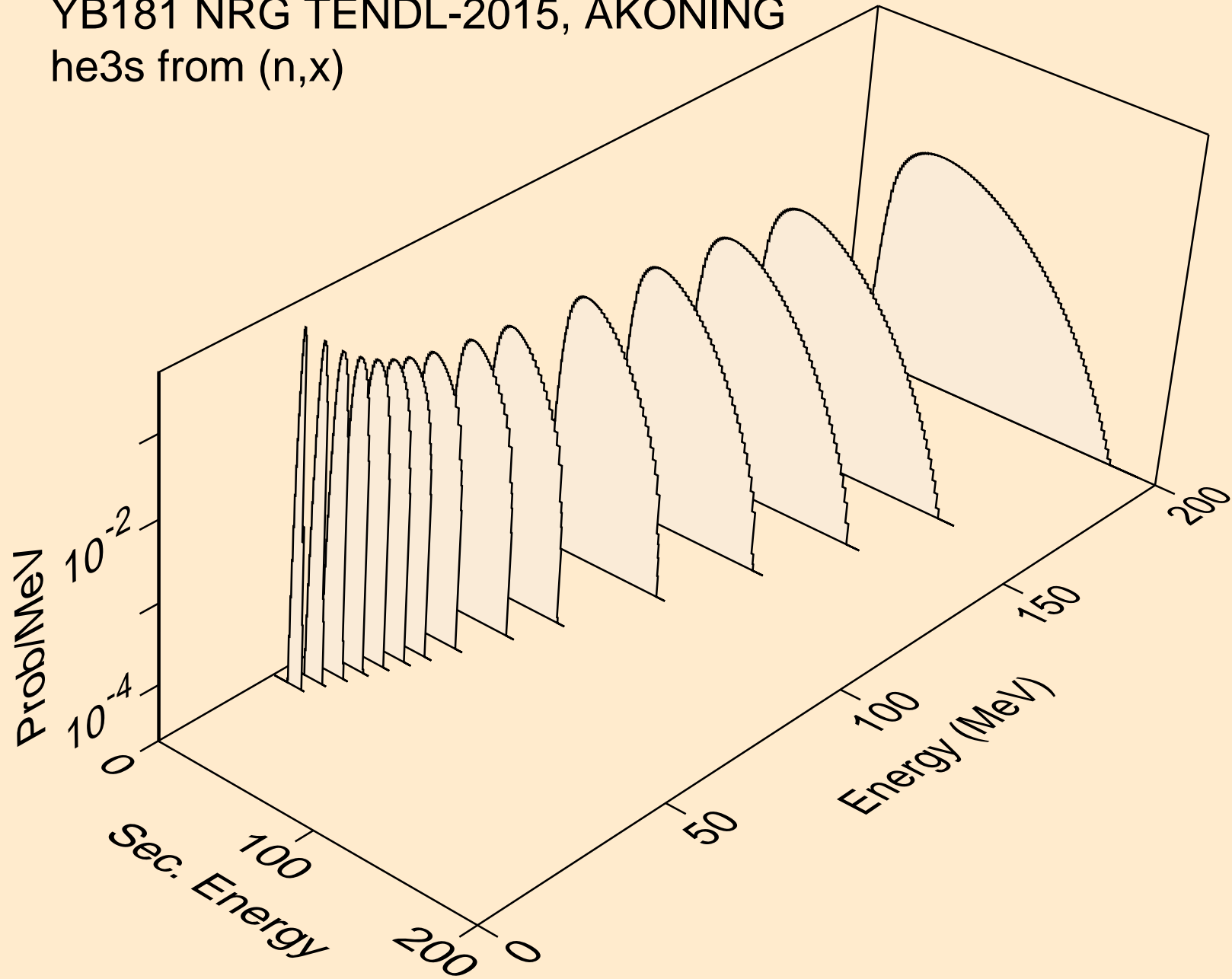
YB181 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



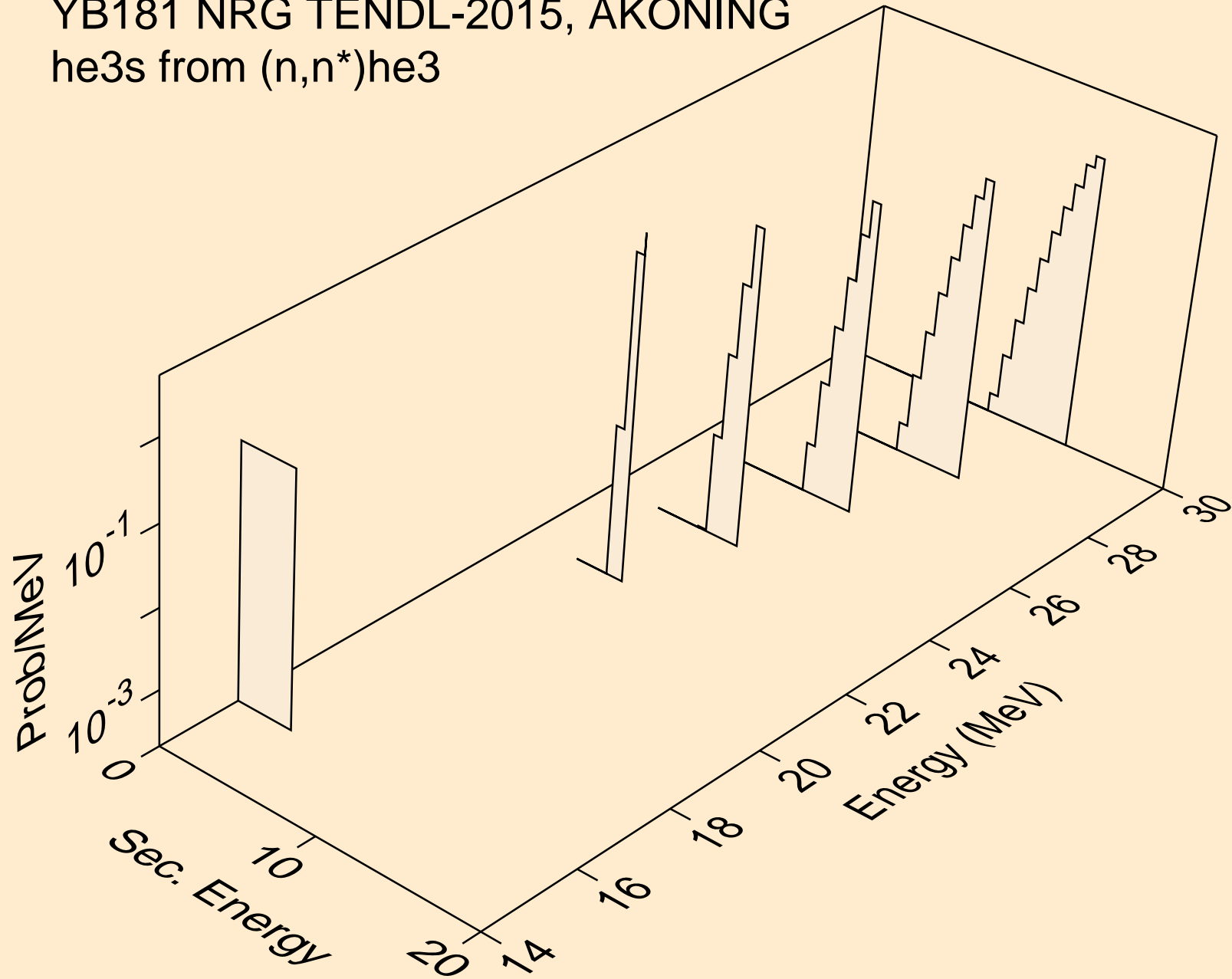
YB181 NRG TENDL-2015, AKONING  
tritons from (n,t)



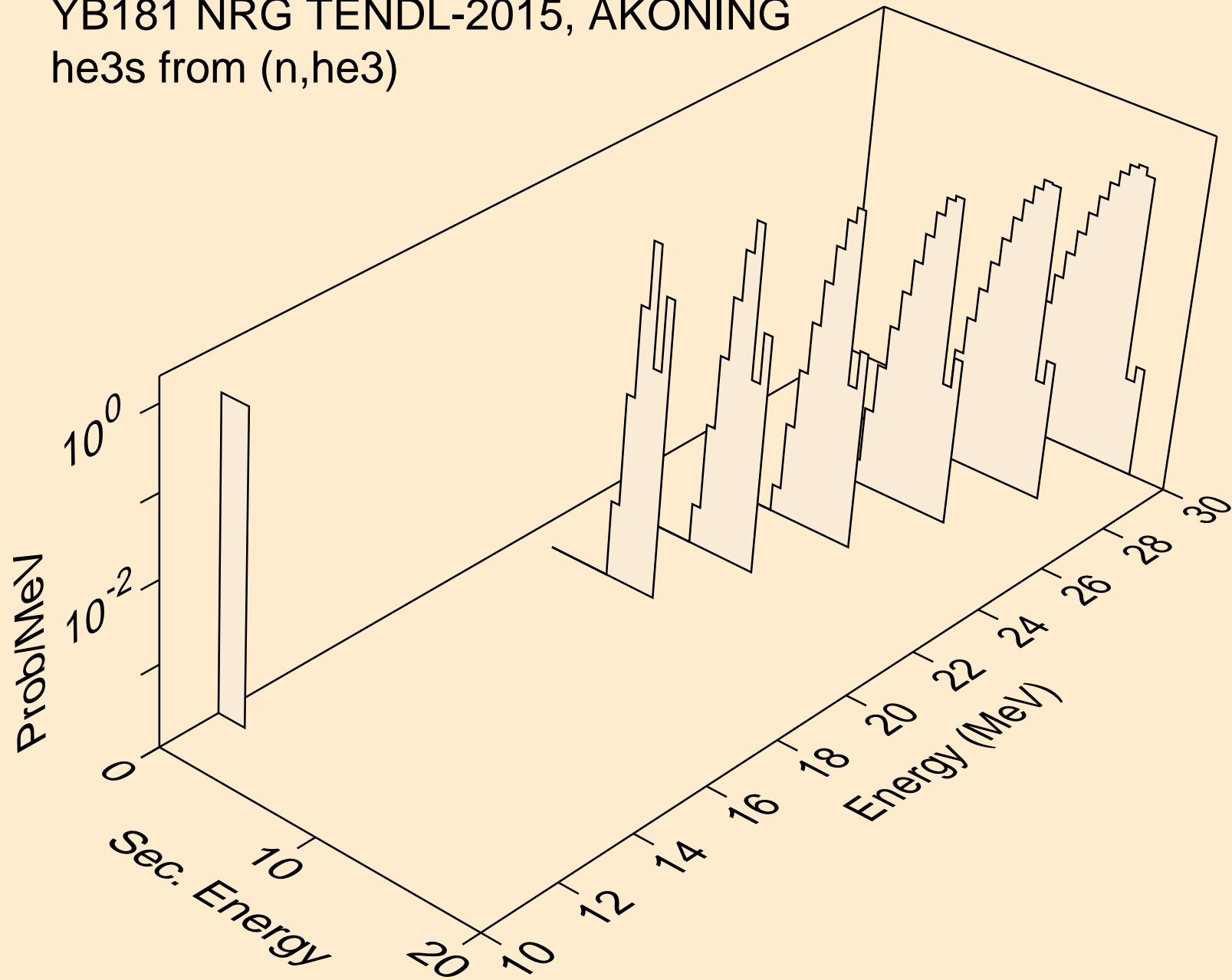
YB181 NRG TENDL-2015, AKONING  
he3s from (n,x)



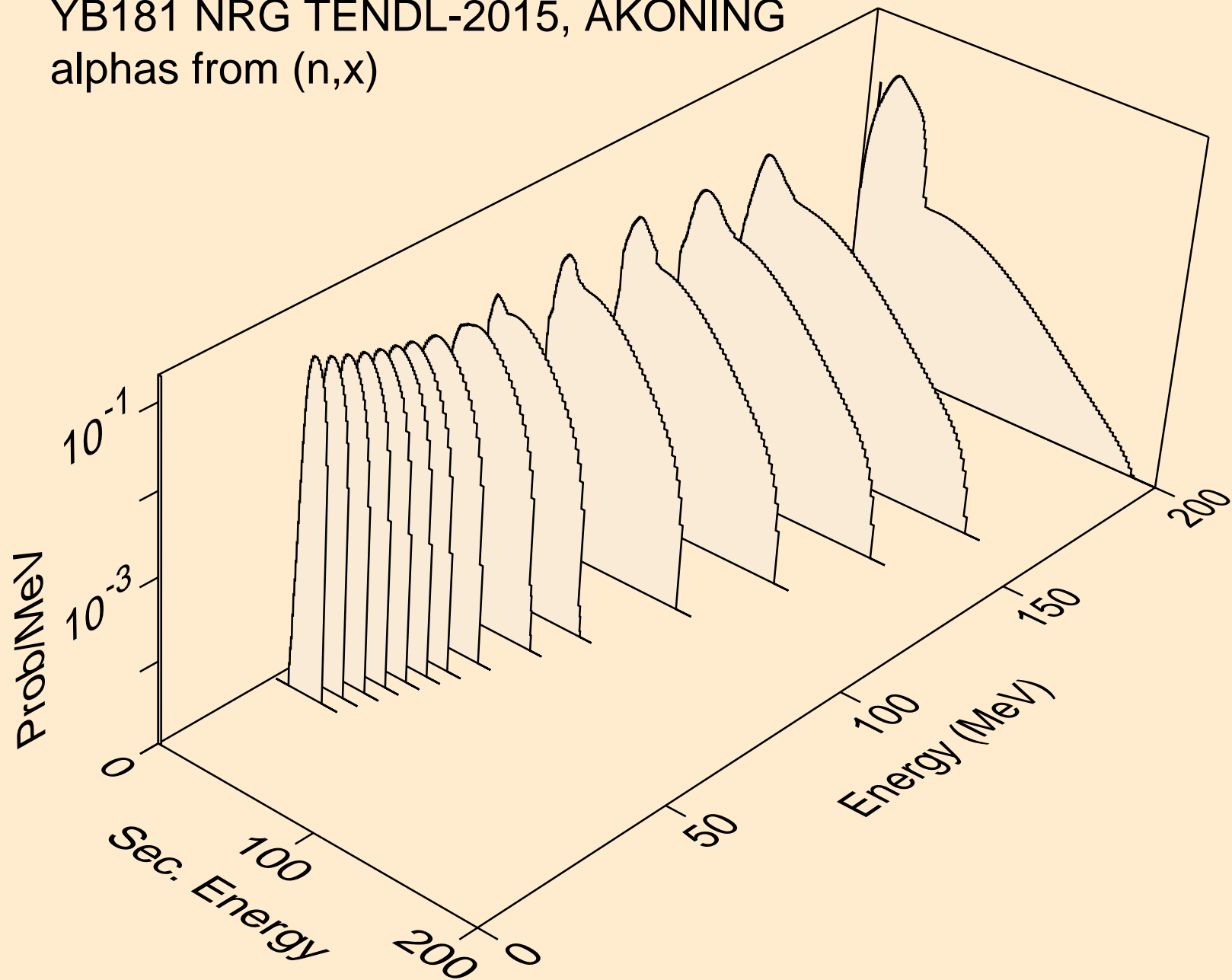
YB181 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



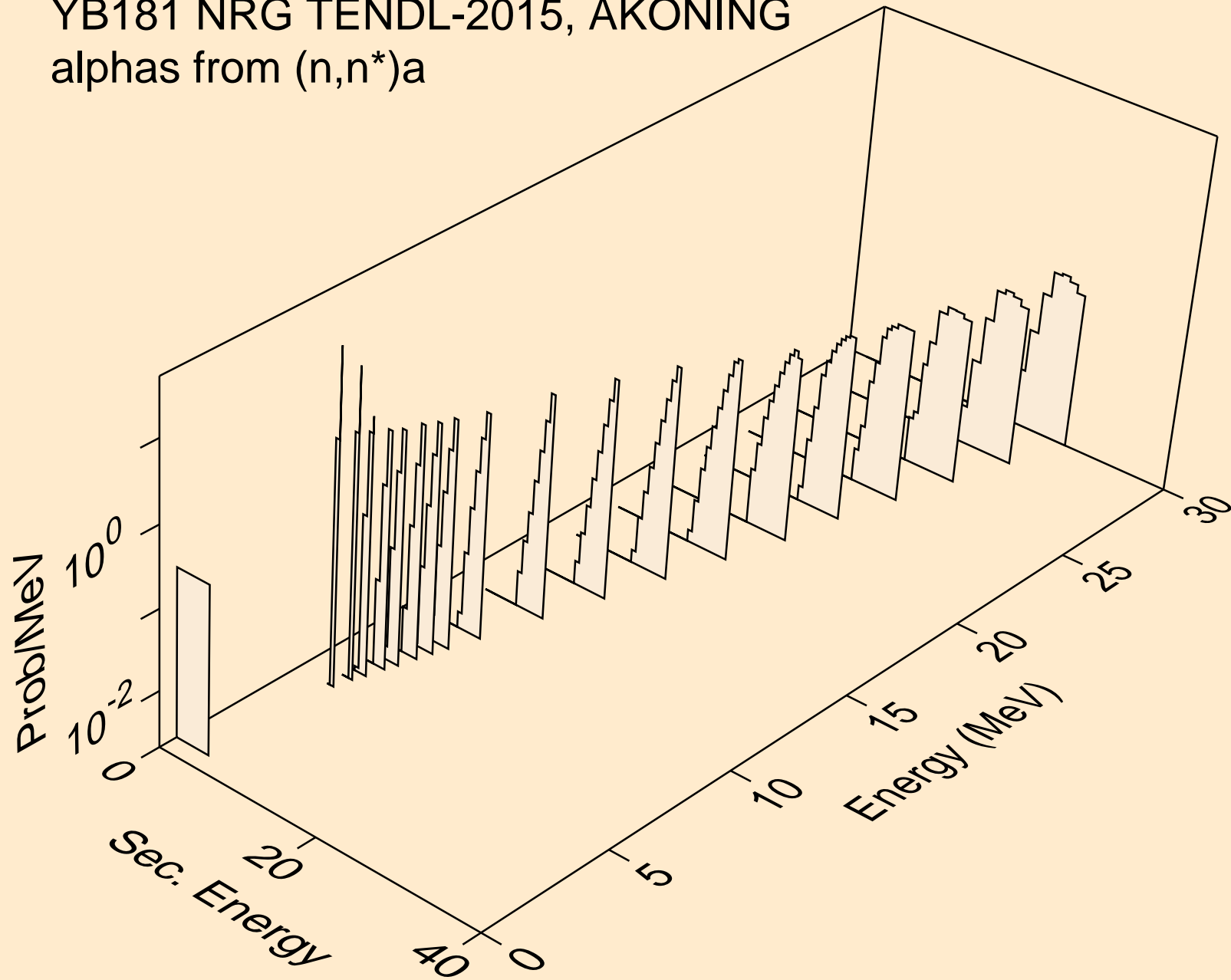
YB181 NRG TENDL-2015, AKONING  
he3s from (n,he3)



YB181 NRG TENDL-2015, AKONING  
alphas from (n,x)

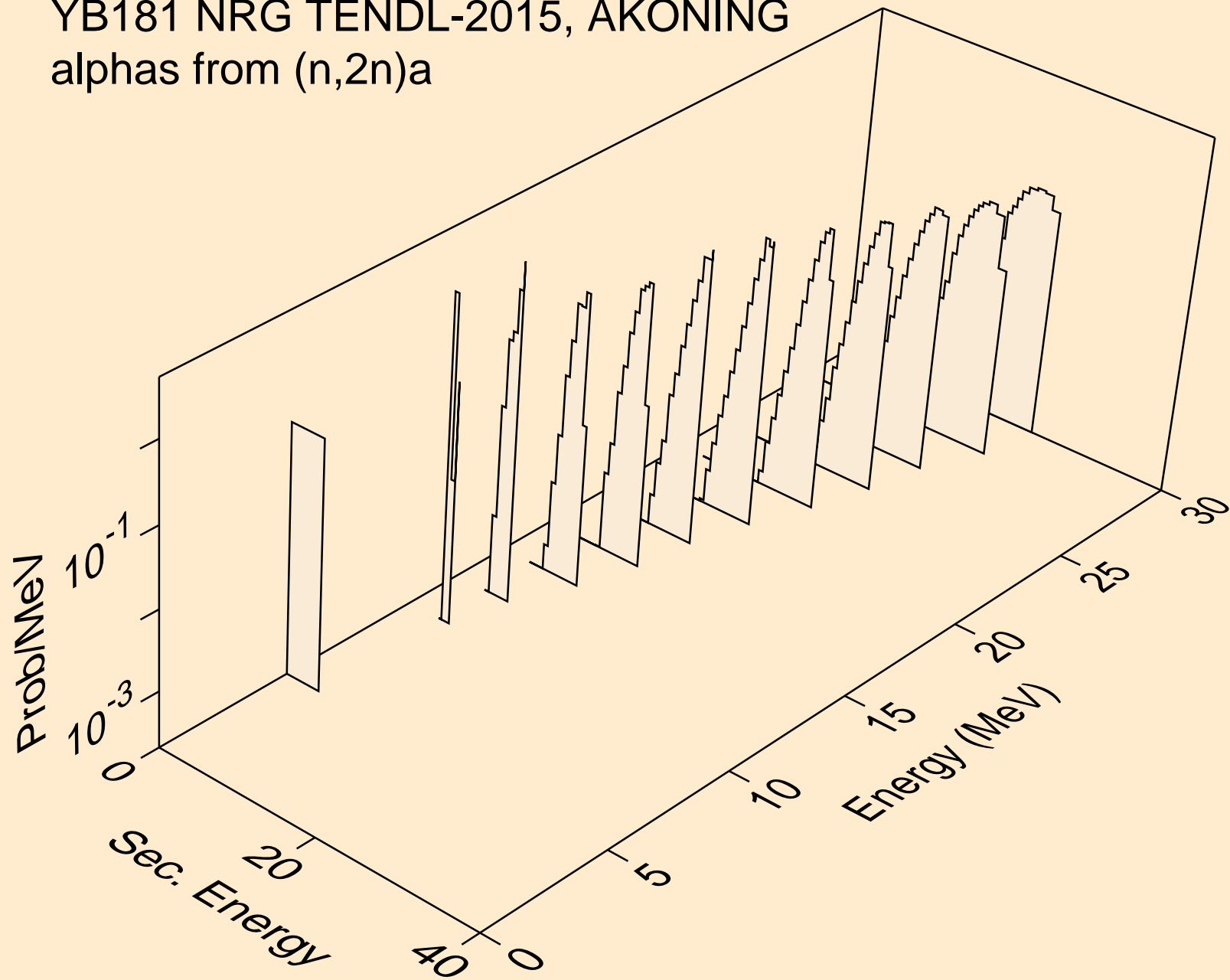


YB181 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a

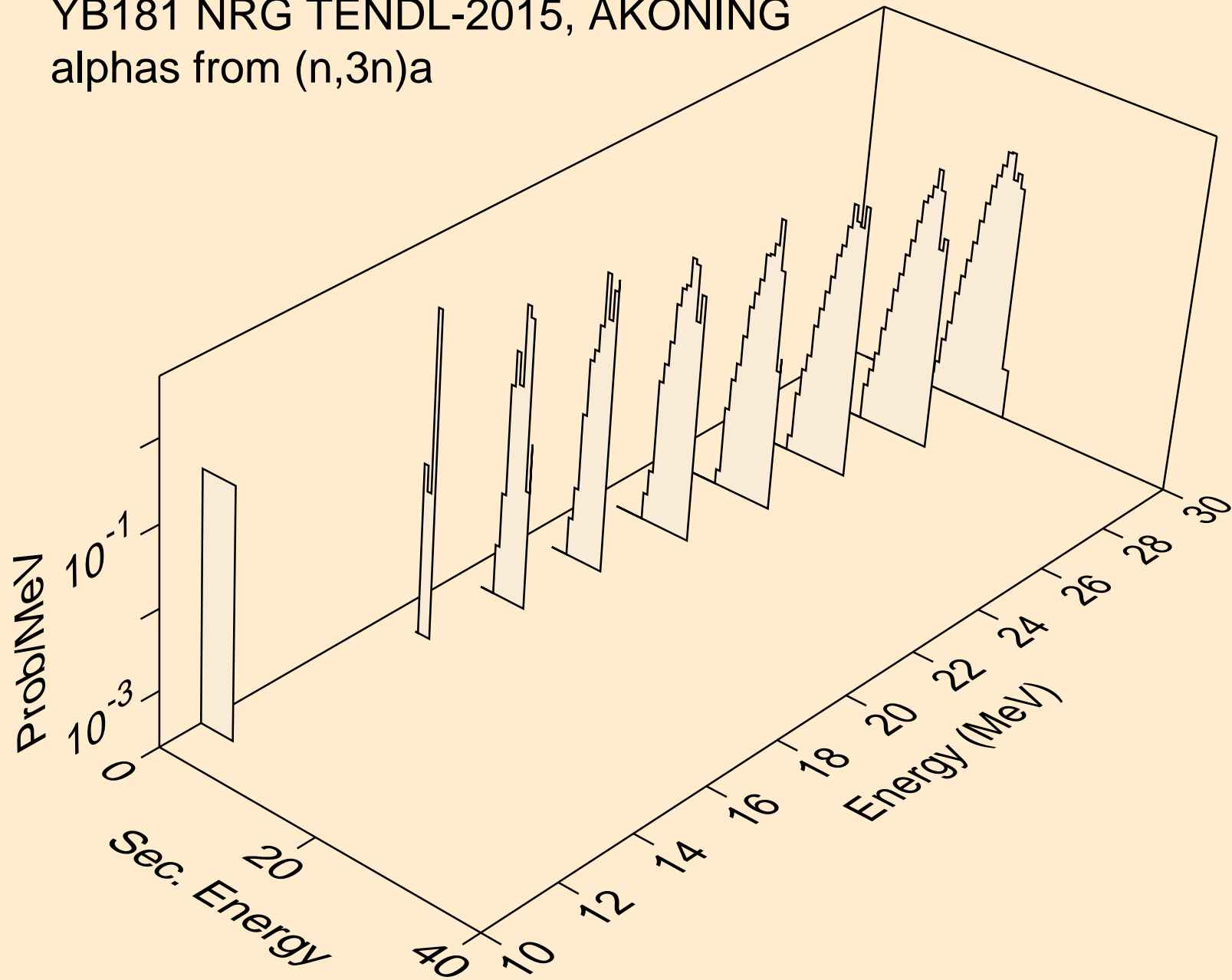




YB181 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



YB181 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



YB181 NRG TENDL-2015, AKONING  
alphas from (n,a)

