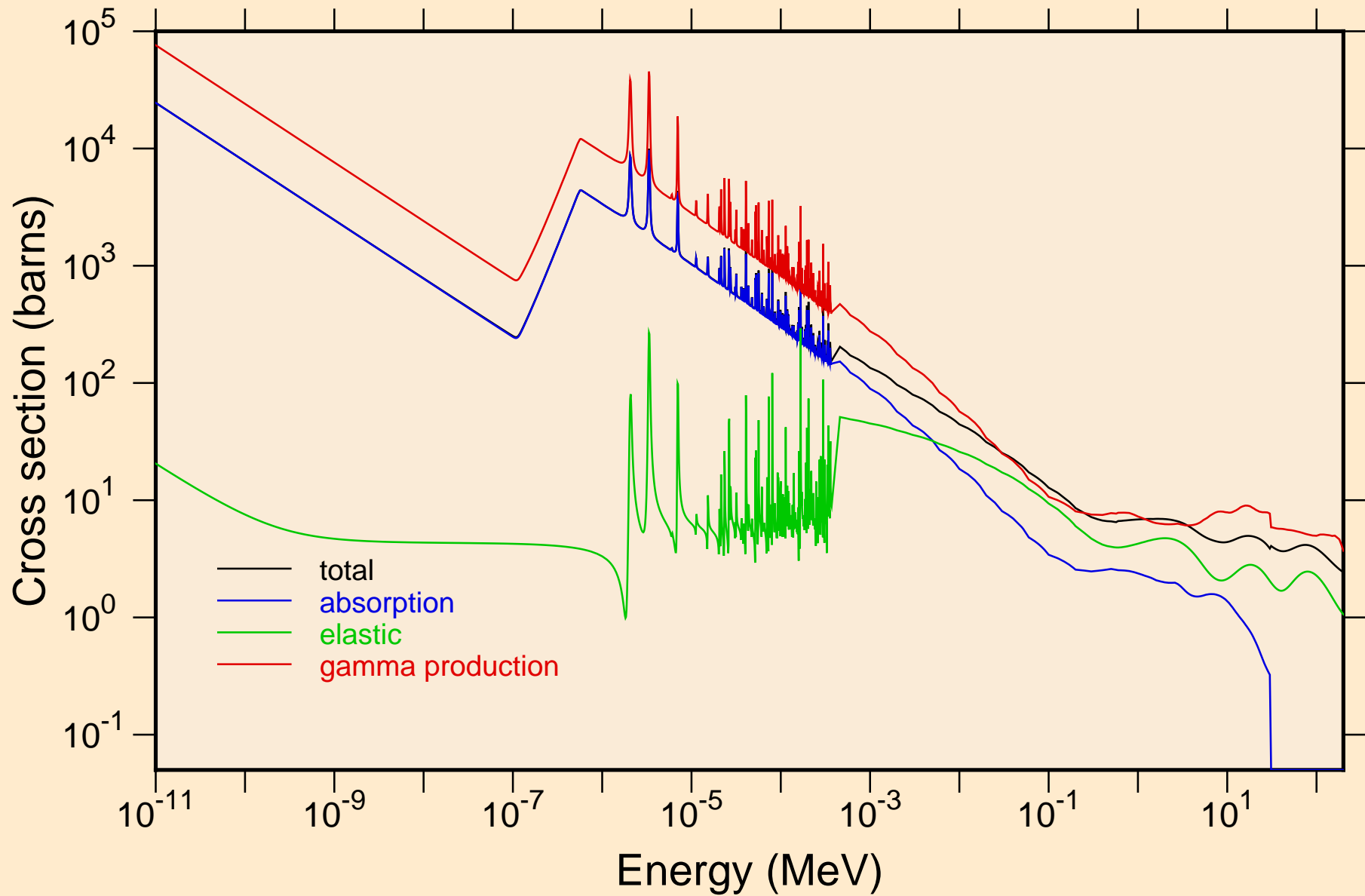
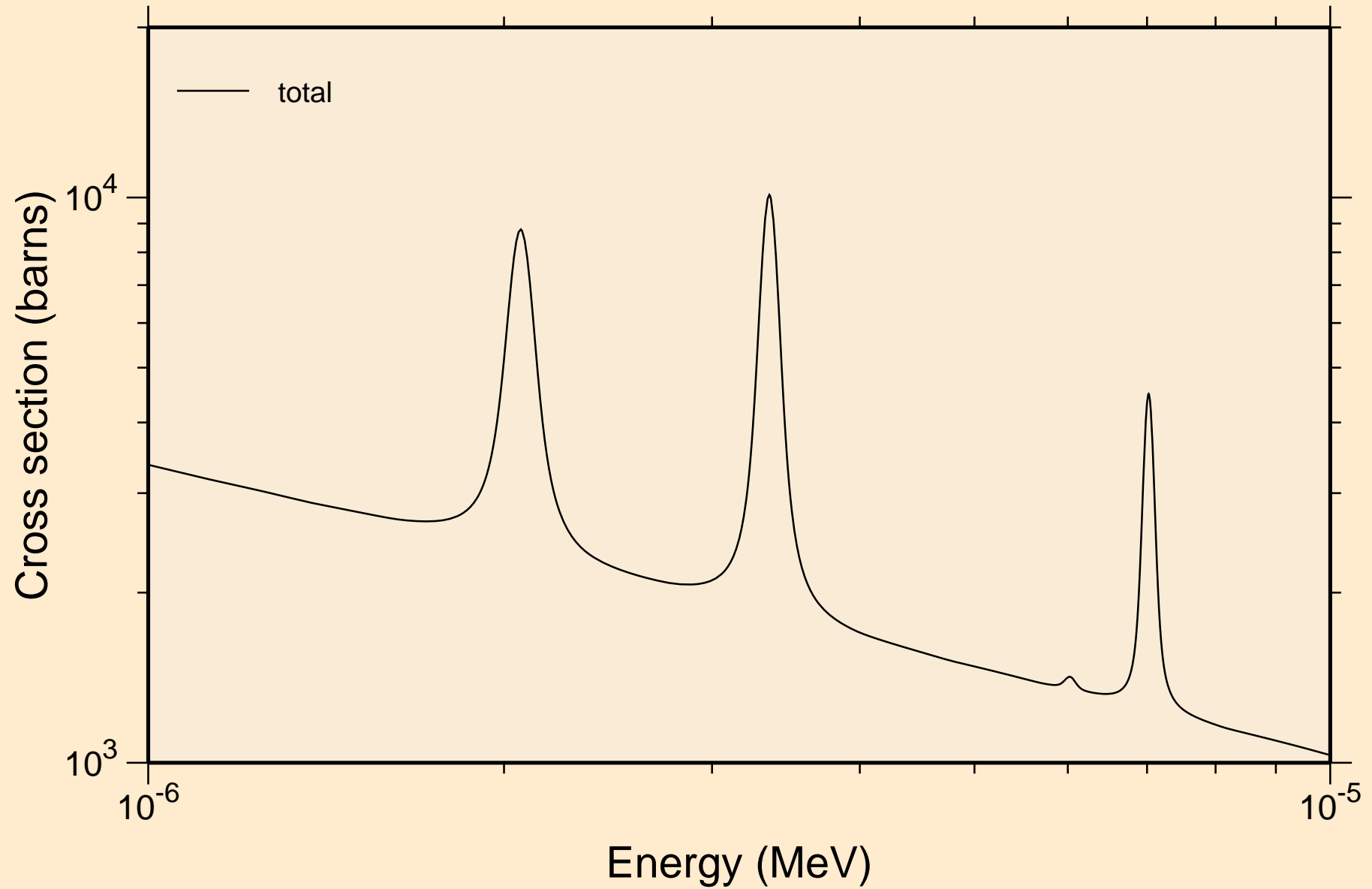


# YB153 NRG TENDL-2015, AKONING

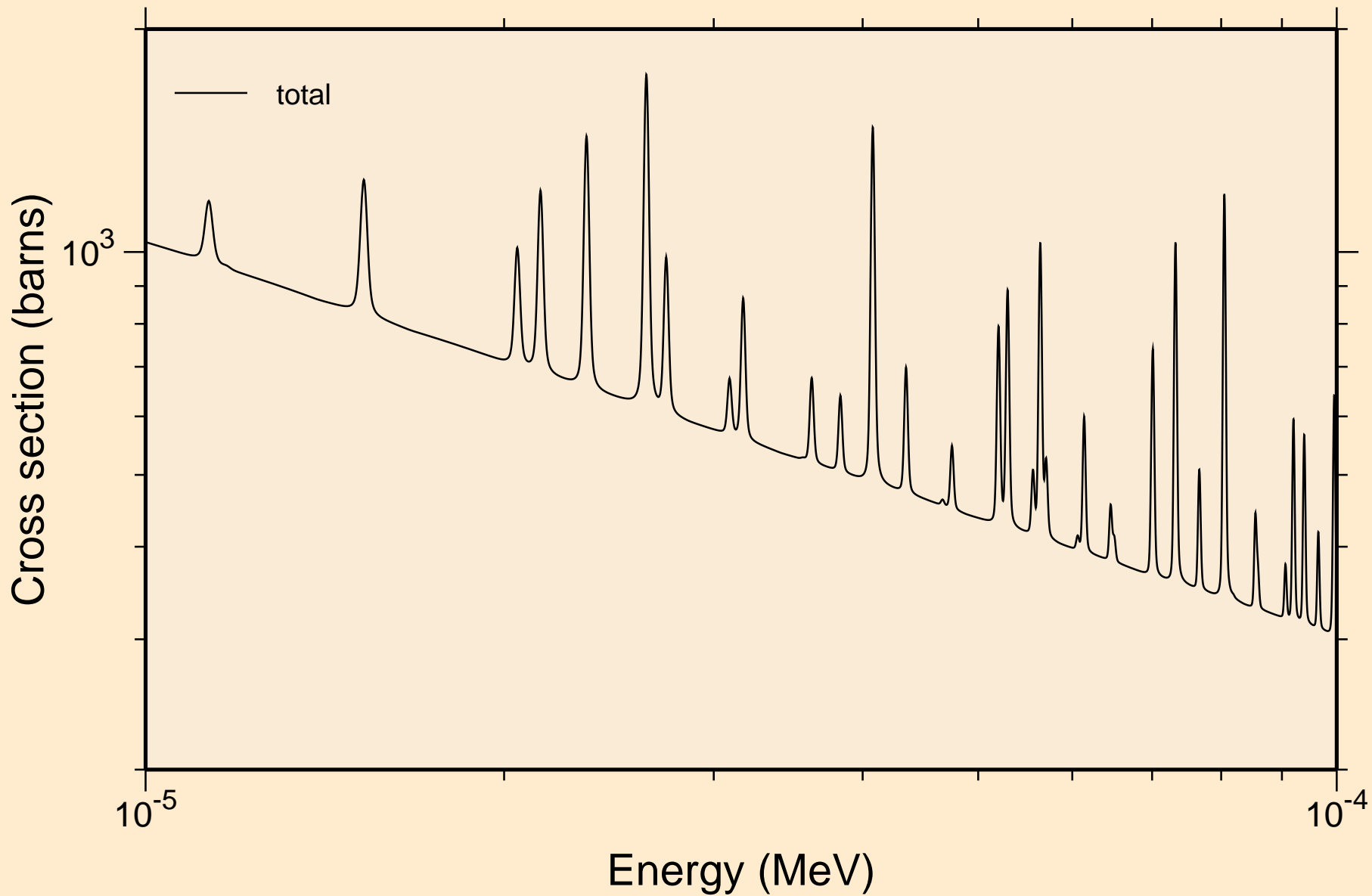
## Principal cross sections



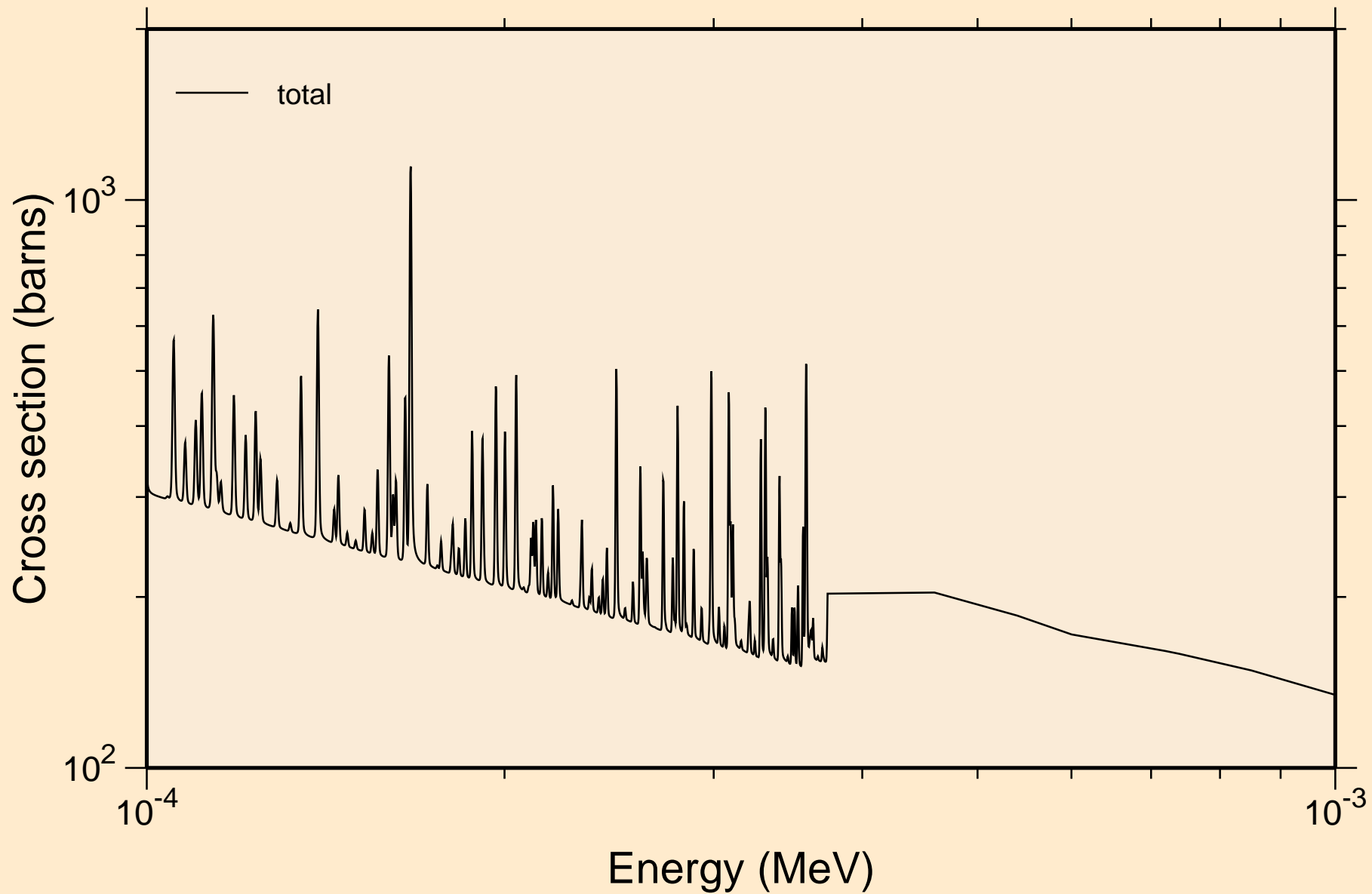
YB153 NRG TENDL-2015, AKONING  
resonance total cross section



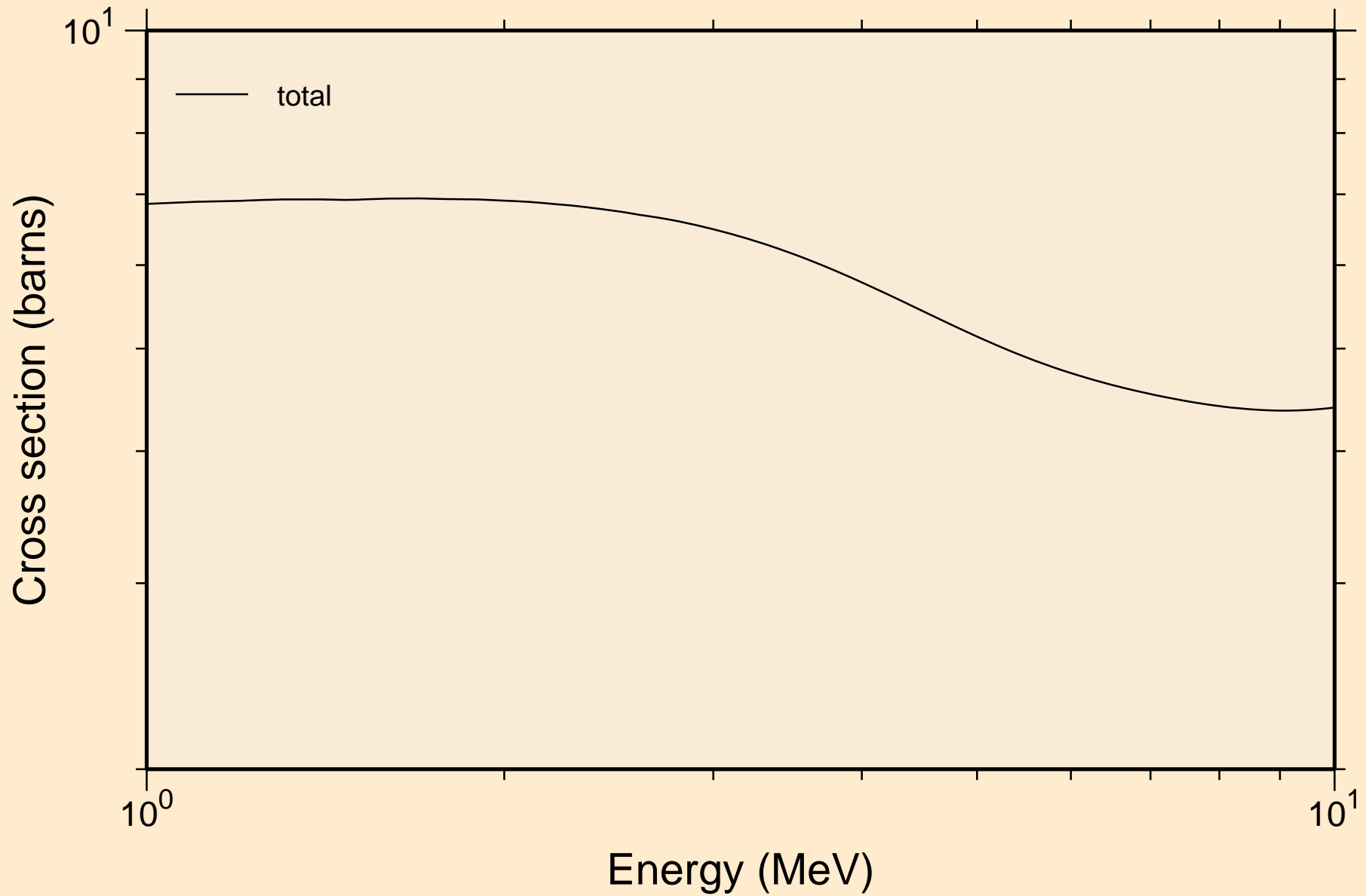
YB153 NRG TENDL-2015, AKONING  
resonance total cross section



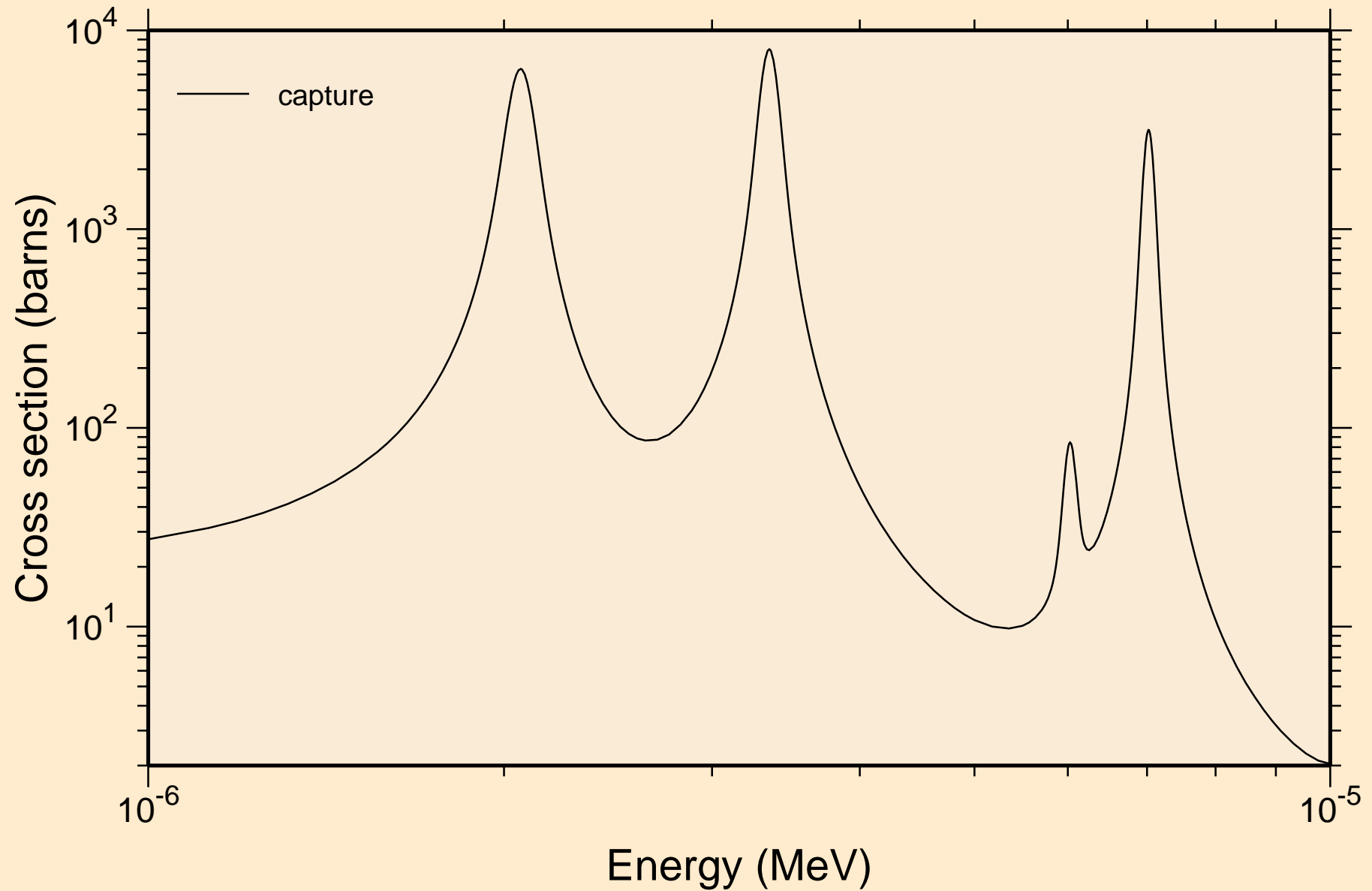
YB153 NRG TENDL-2015, AKONING  
resonance total cross section



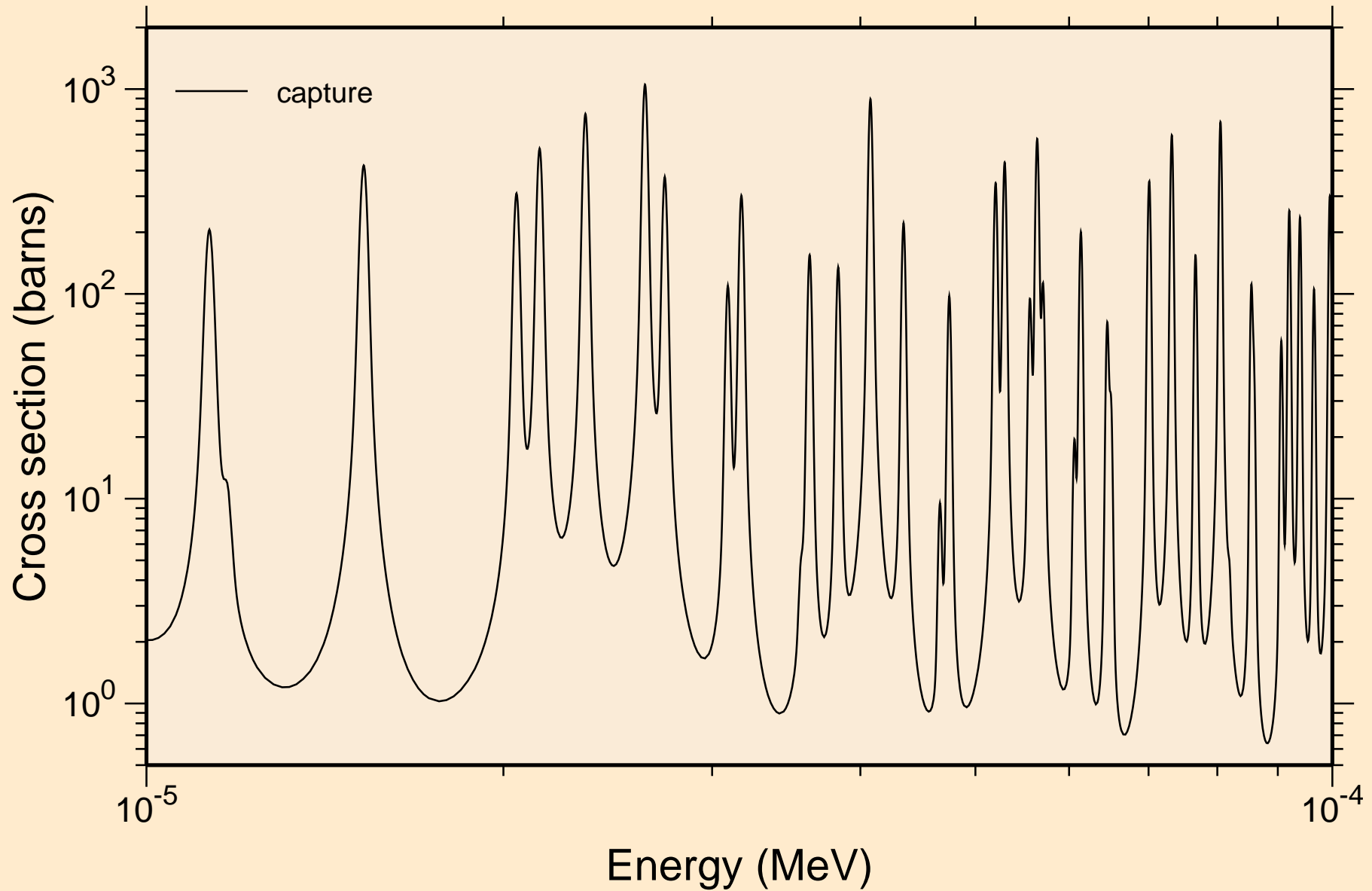
YB153 NRG TENDL-2015, AKONING  
resonance total cross section



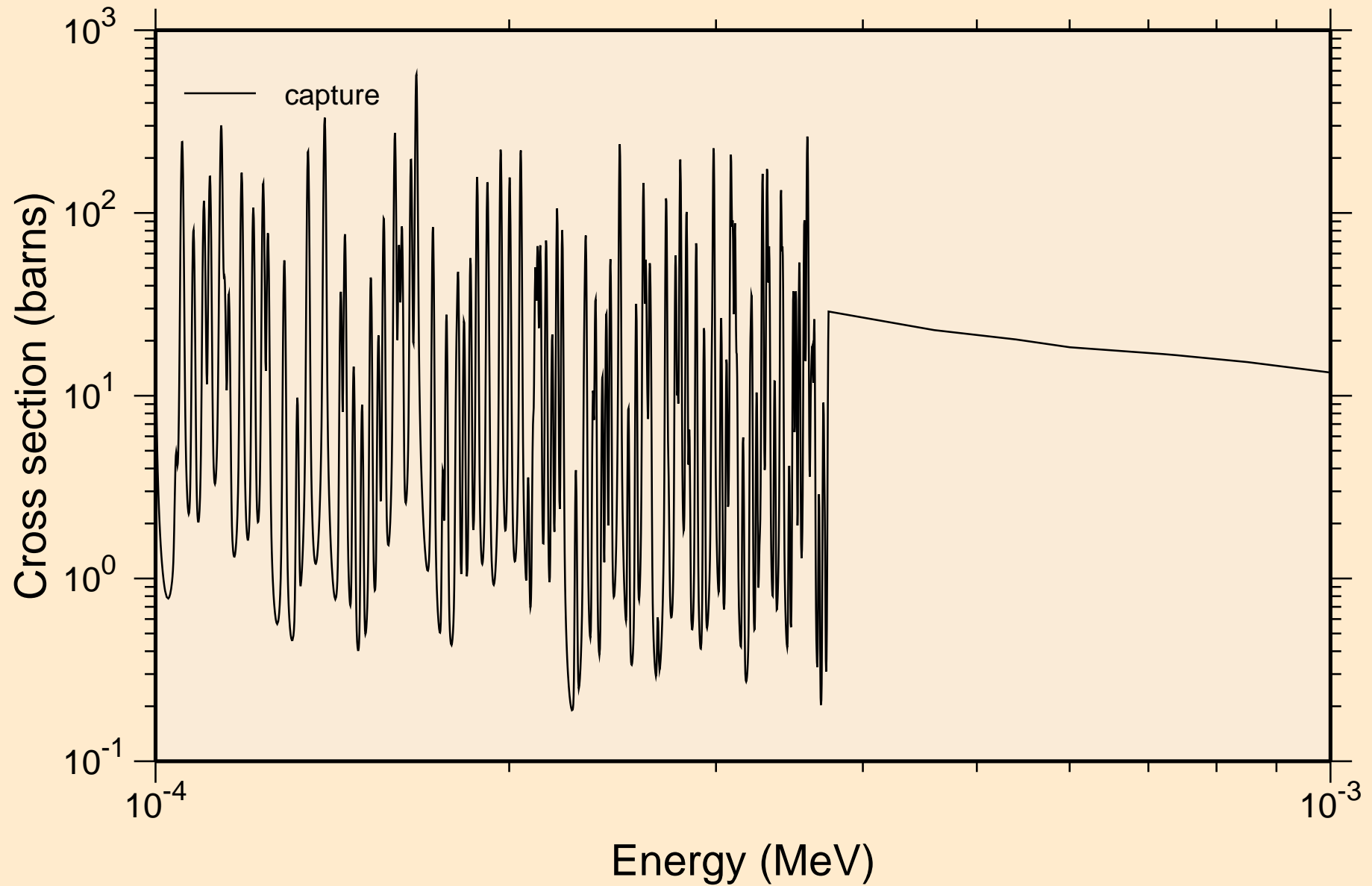
YB153 NRG TENDL-2015, AKONING  
resonance absorption cross sections



YB153 NRG TENDL-2015, AKONING  
resonance absorption cross sections

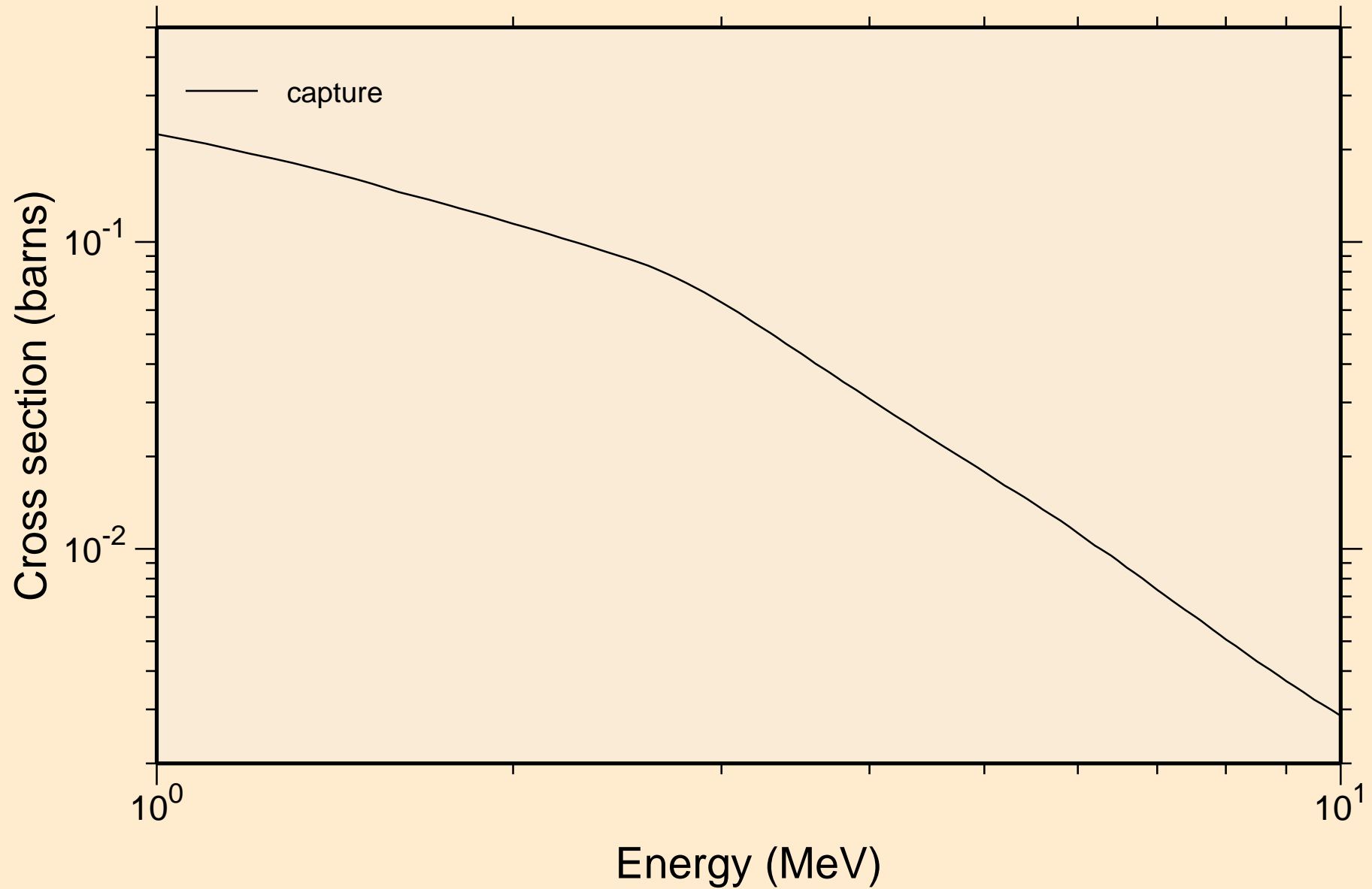


YB153 NRG TENDL-2015, AKONING  
resonance absorption cross sections



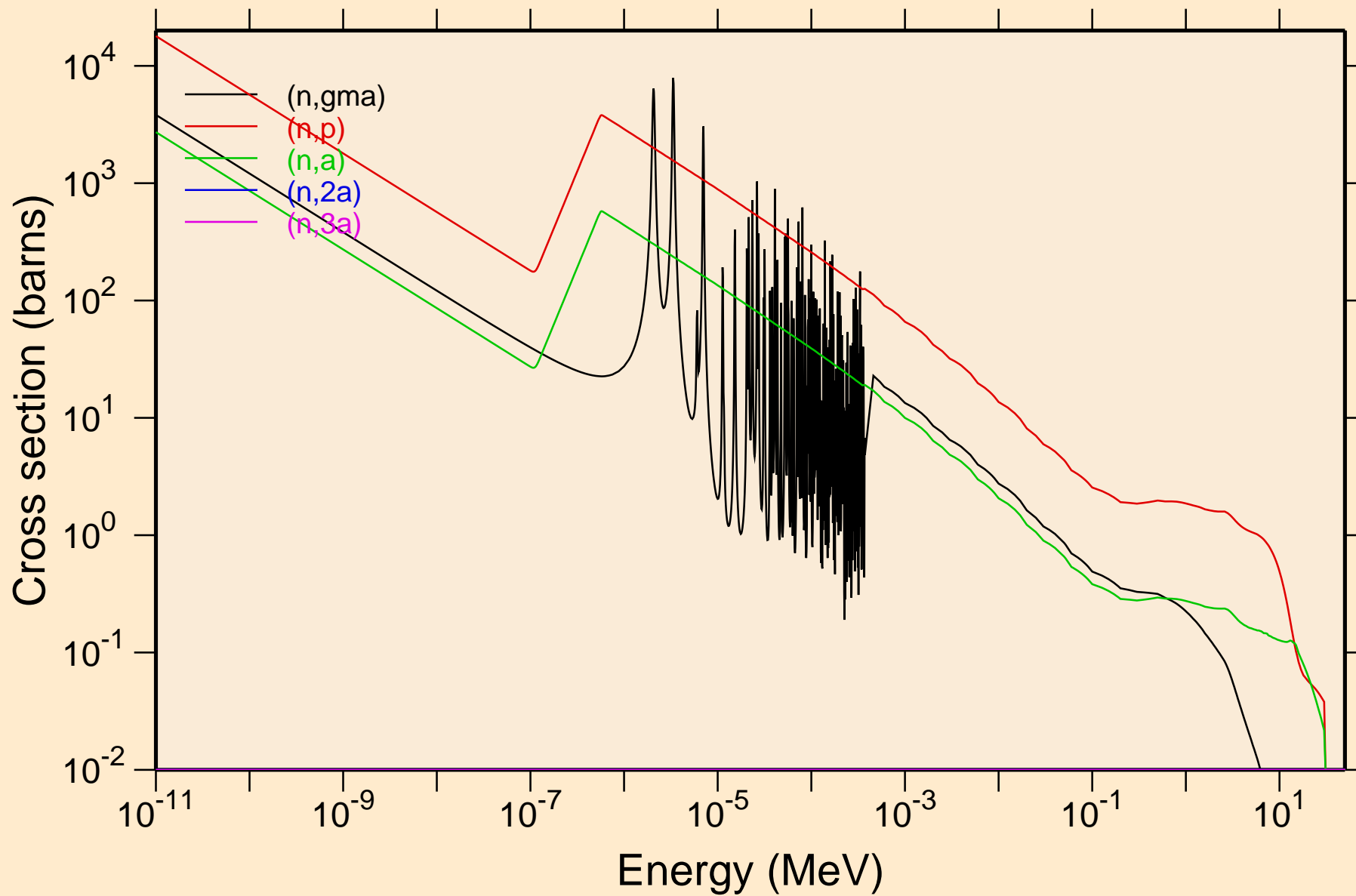


YB153 NRG TENDL-2015, AKONING  
resonance absorption cross sections

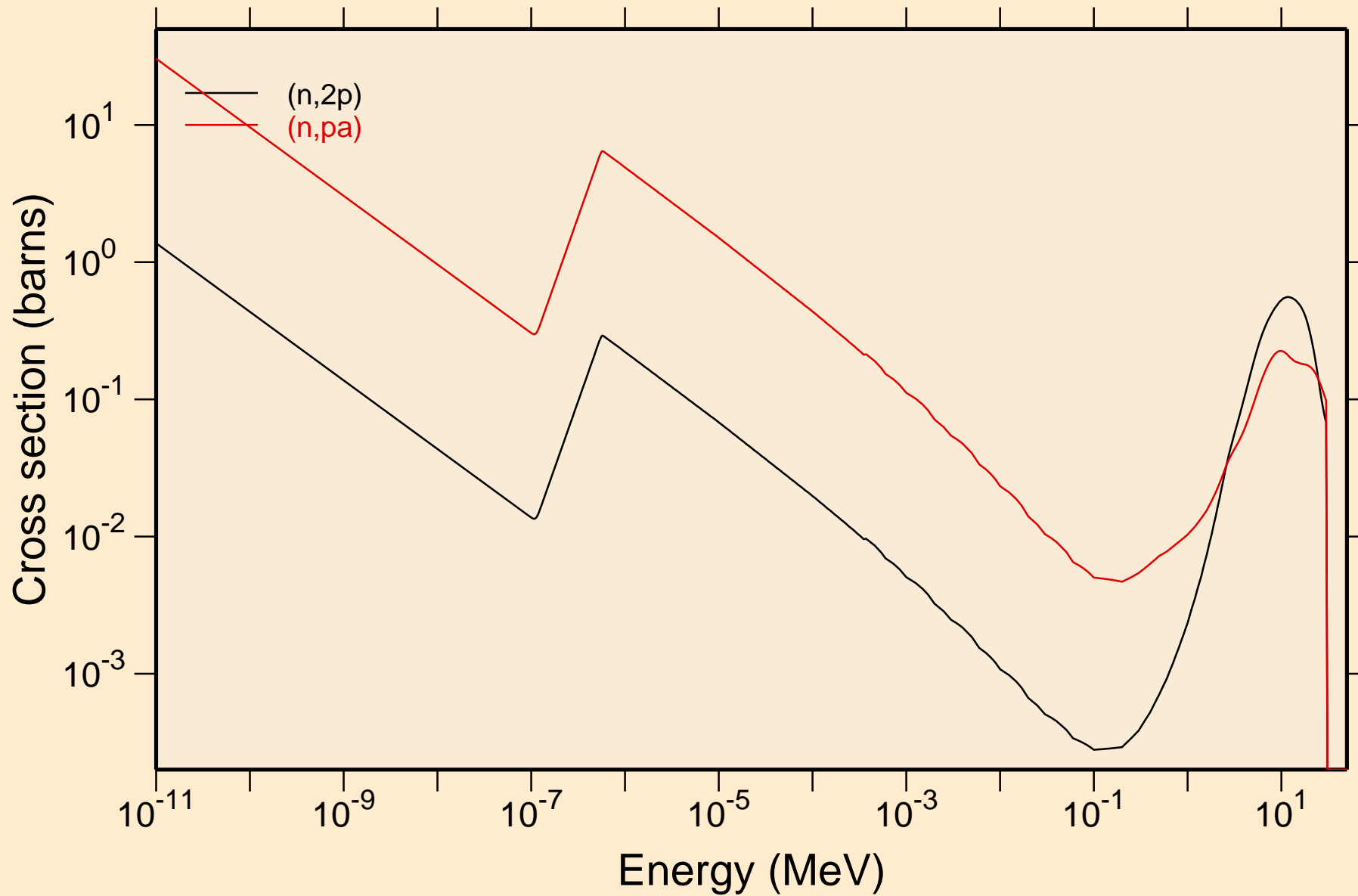


# YB153 NRG TENDL-2015, AKONING

## Non-threshold reactions

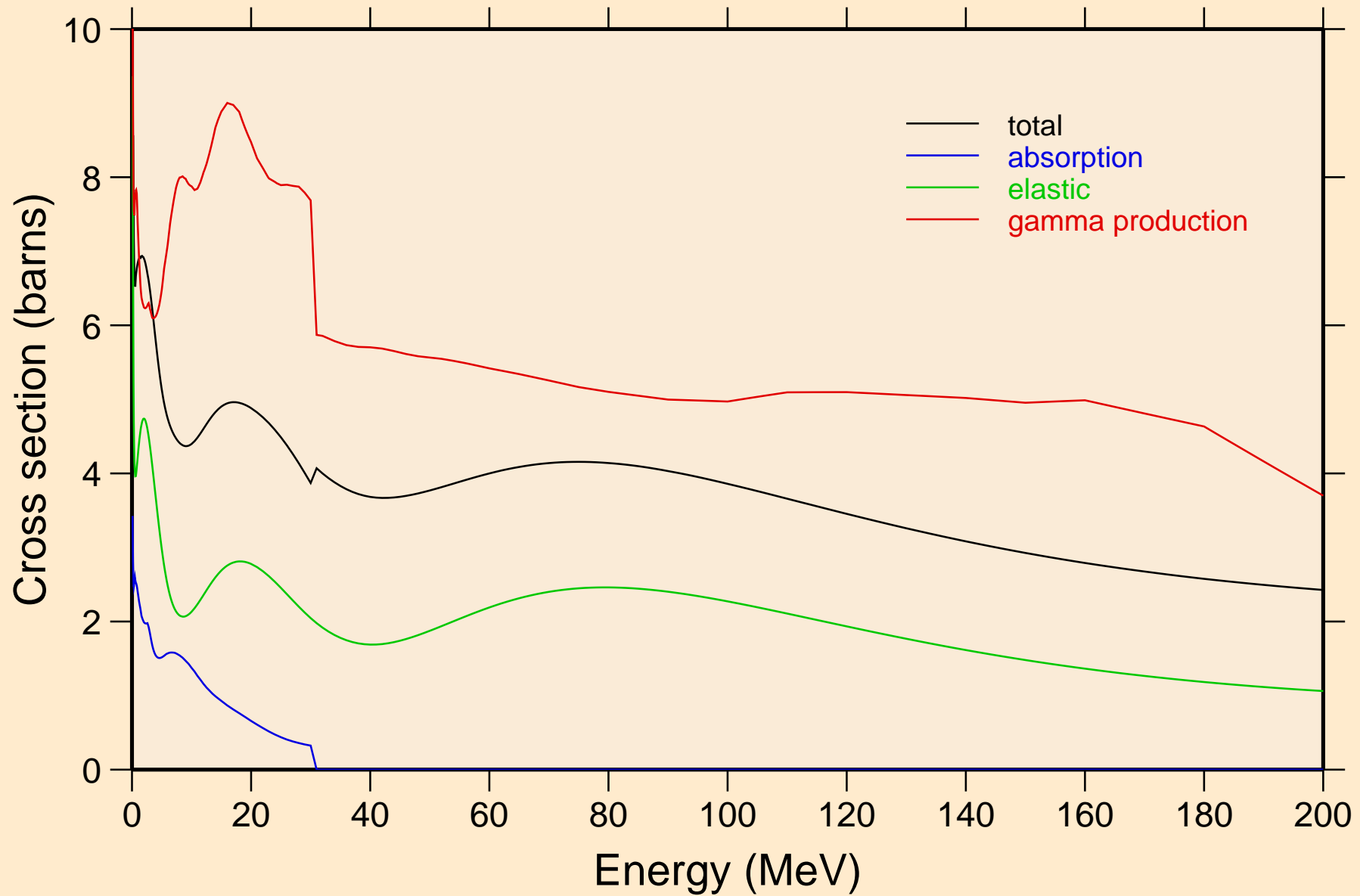


YB153 NRG TENDL-2015, AKONING  
Non-threshold reactions



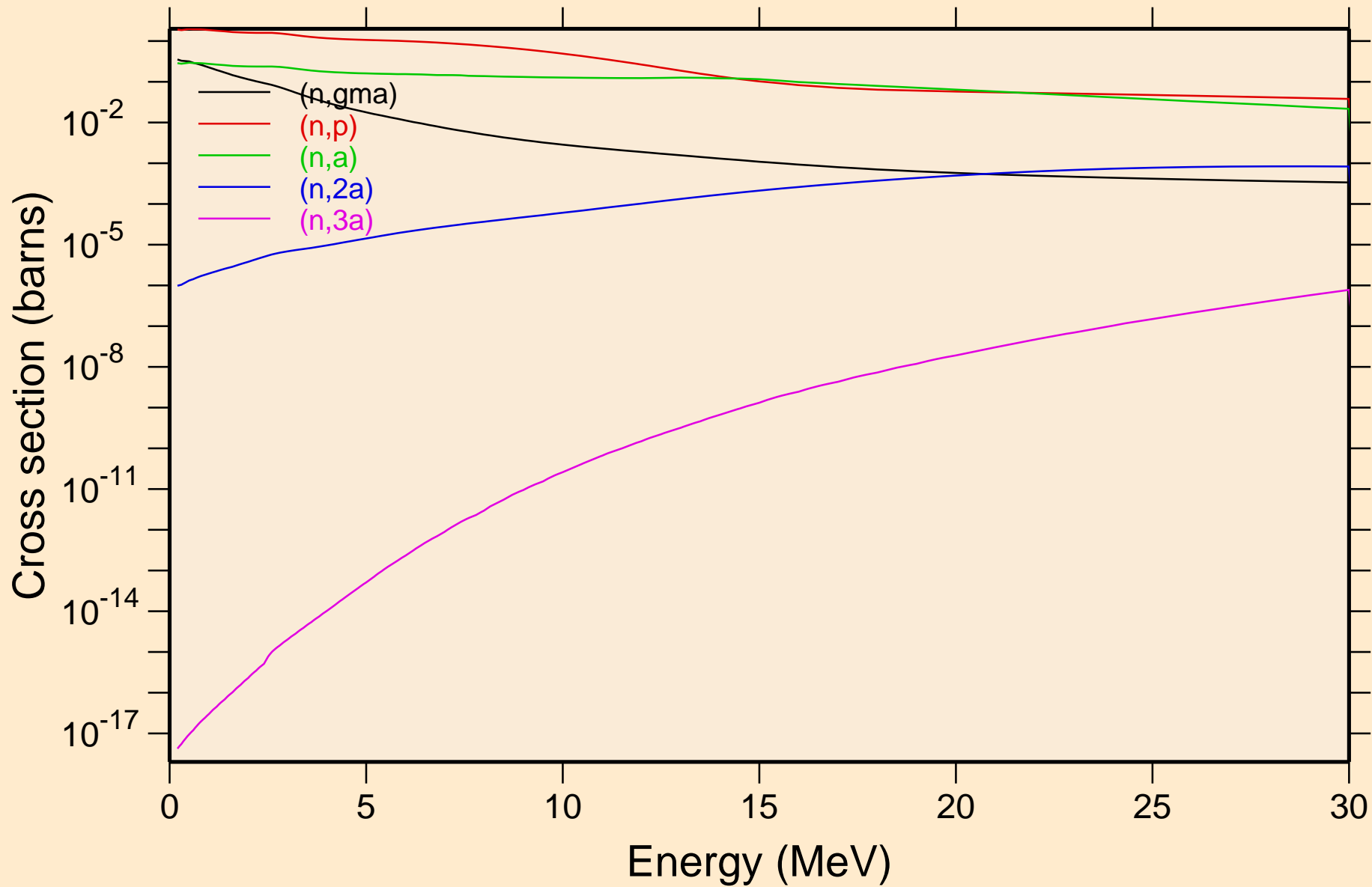
# YB153 NRG TENDL-2015, AKONING

## Principal cross sections



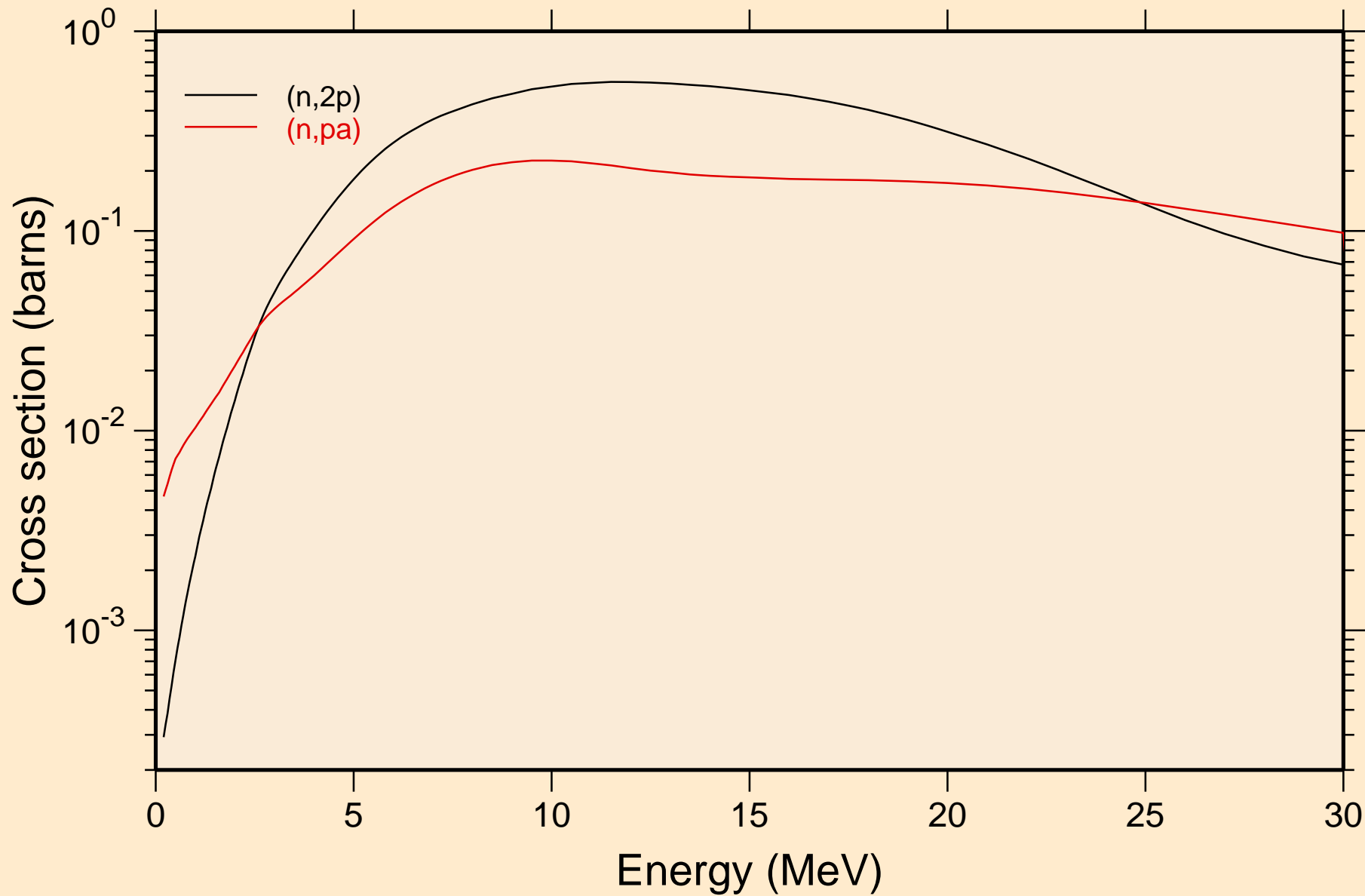
# YB153 NRG TENDL-2015, AKONING

## Non-threshold reactions



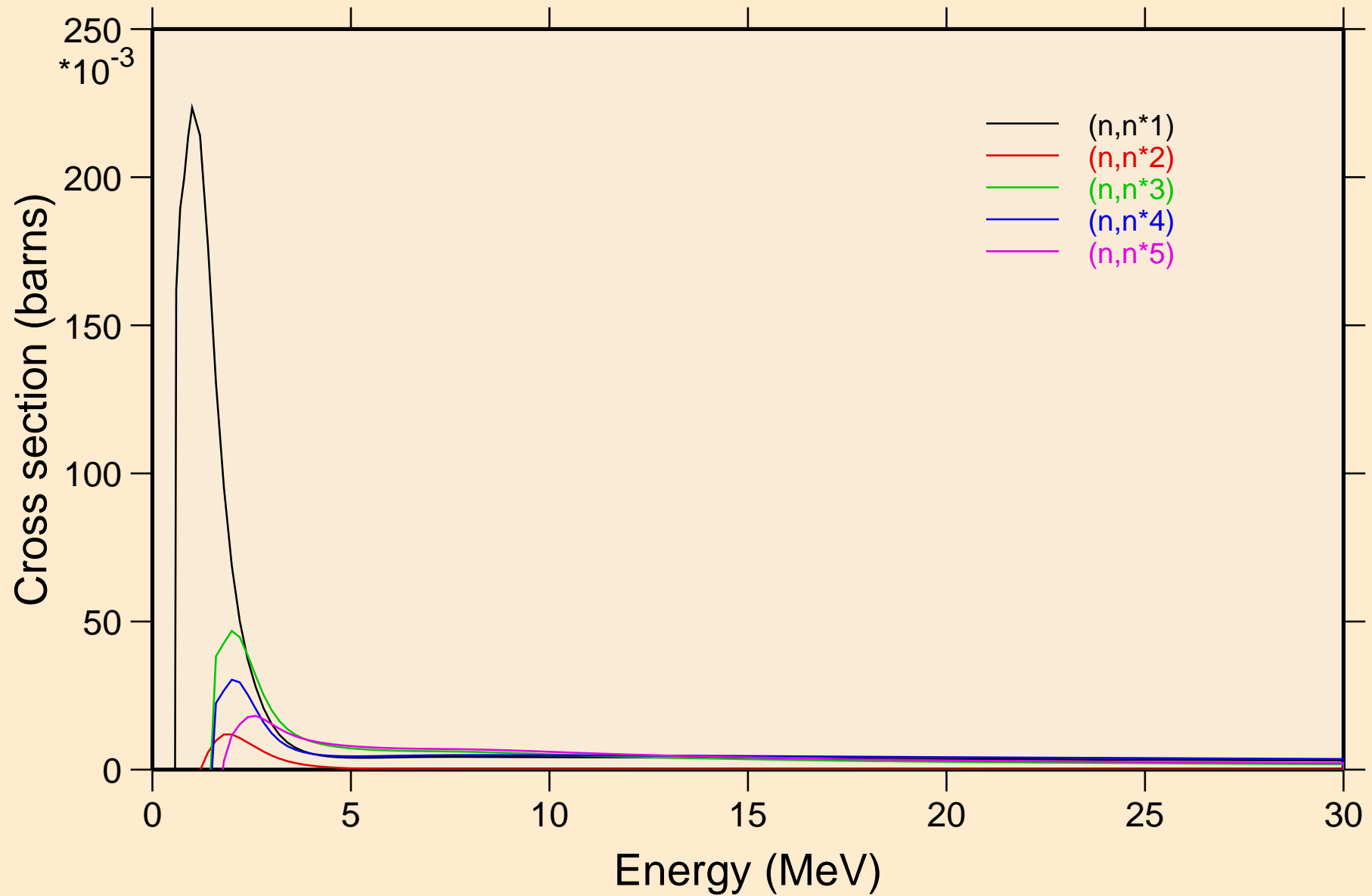
# YB153 NRG TENDL-2015, AKONING

## Non-threshold reactions



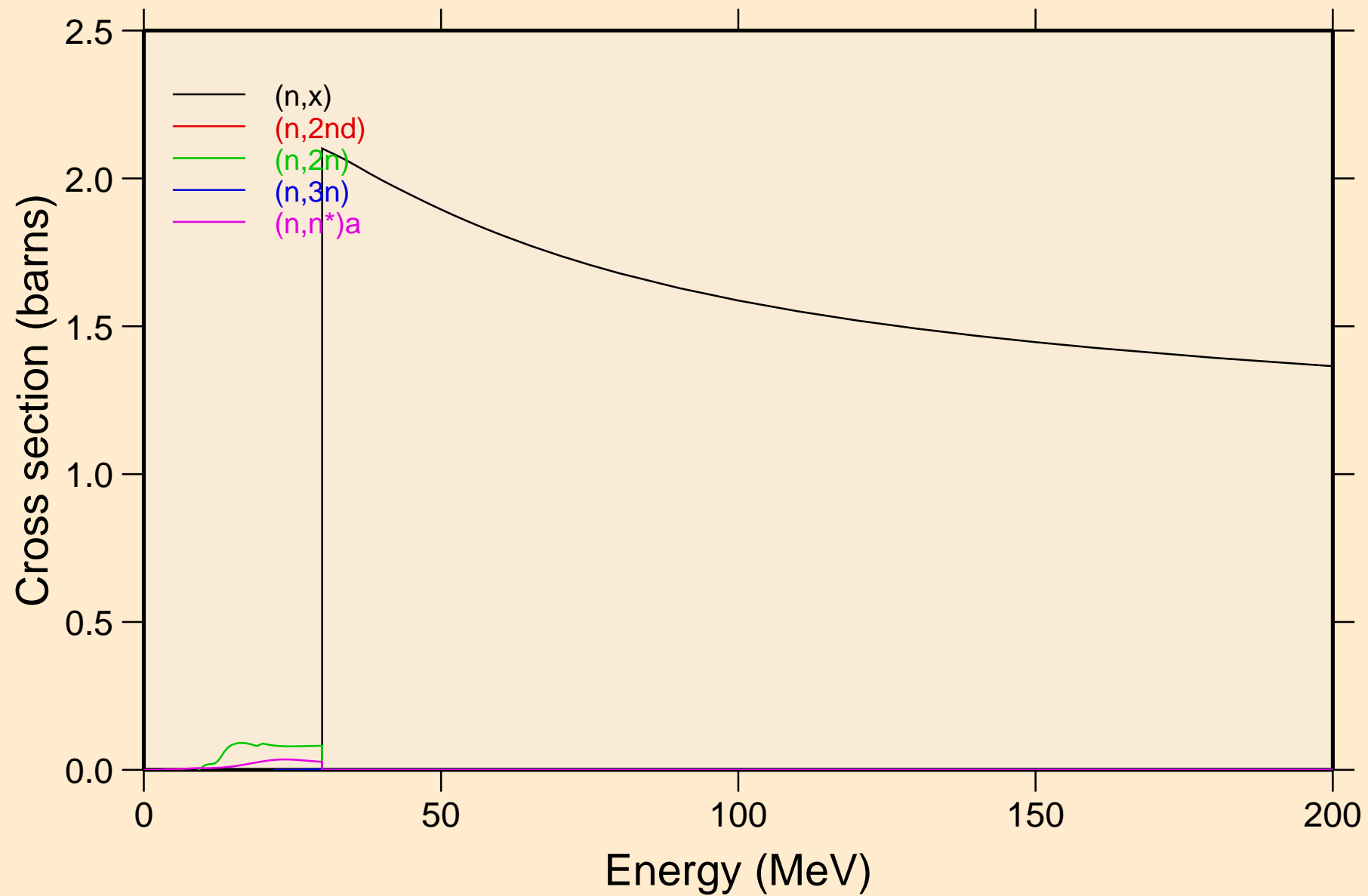
# YB153 NRG TENDL-2015, AKONING

## Inelastic levels



# YB153 NRG TENDL-2015, AKONING

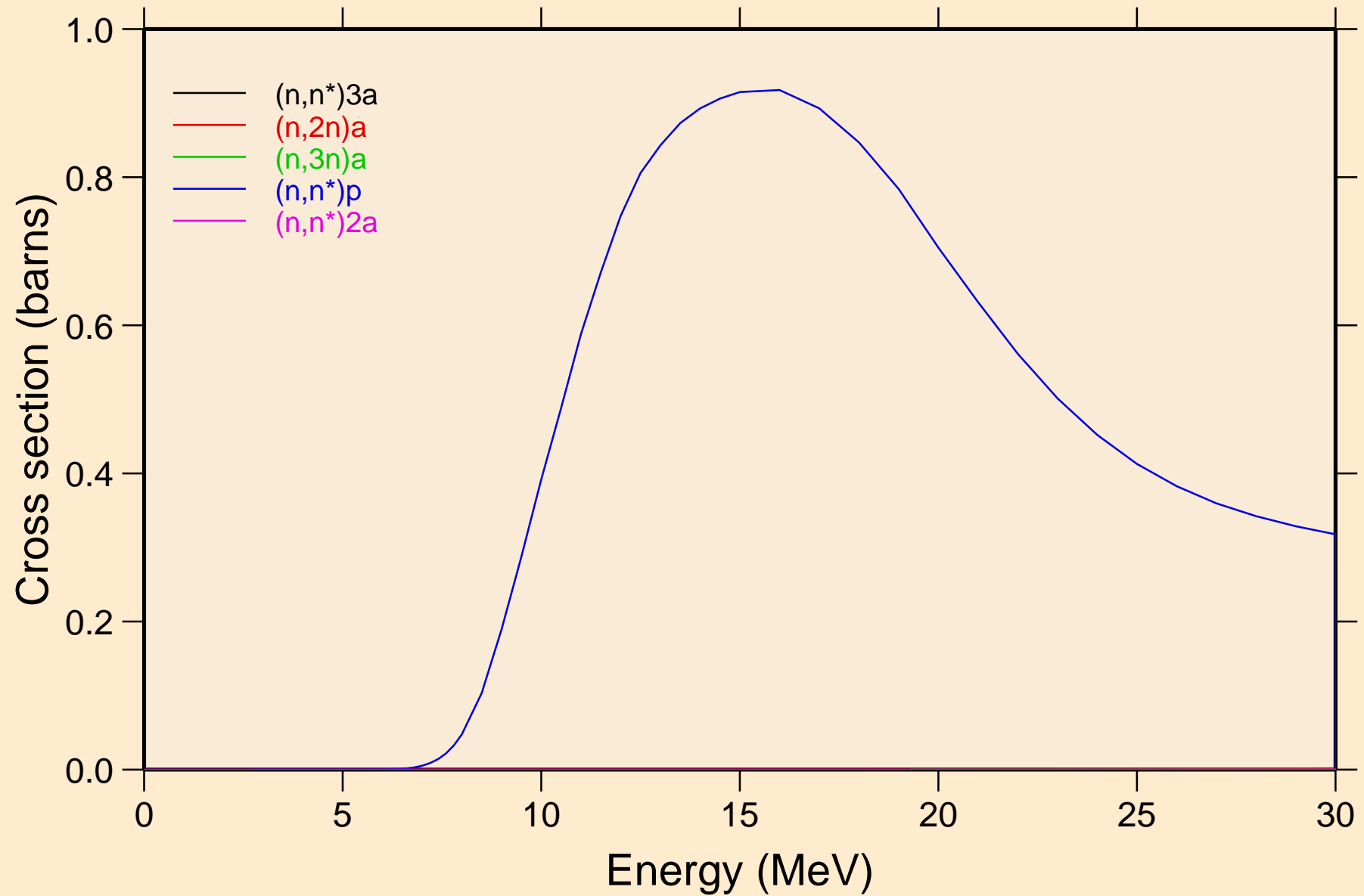
## Threshold reactions





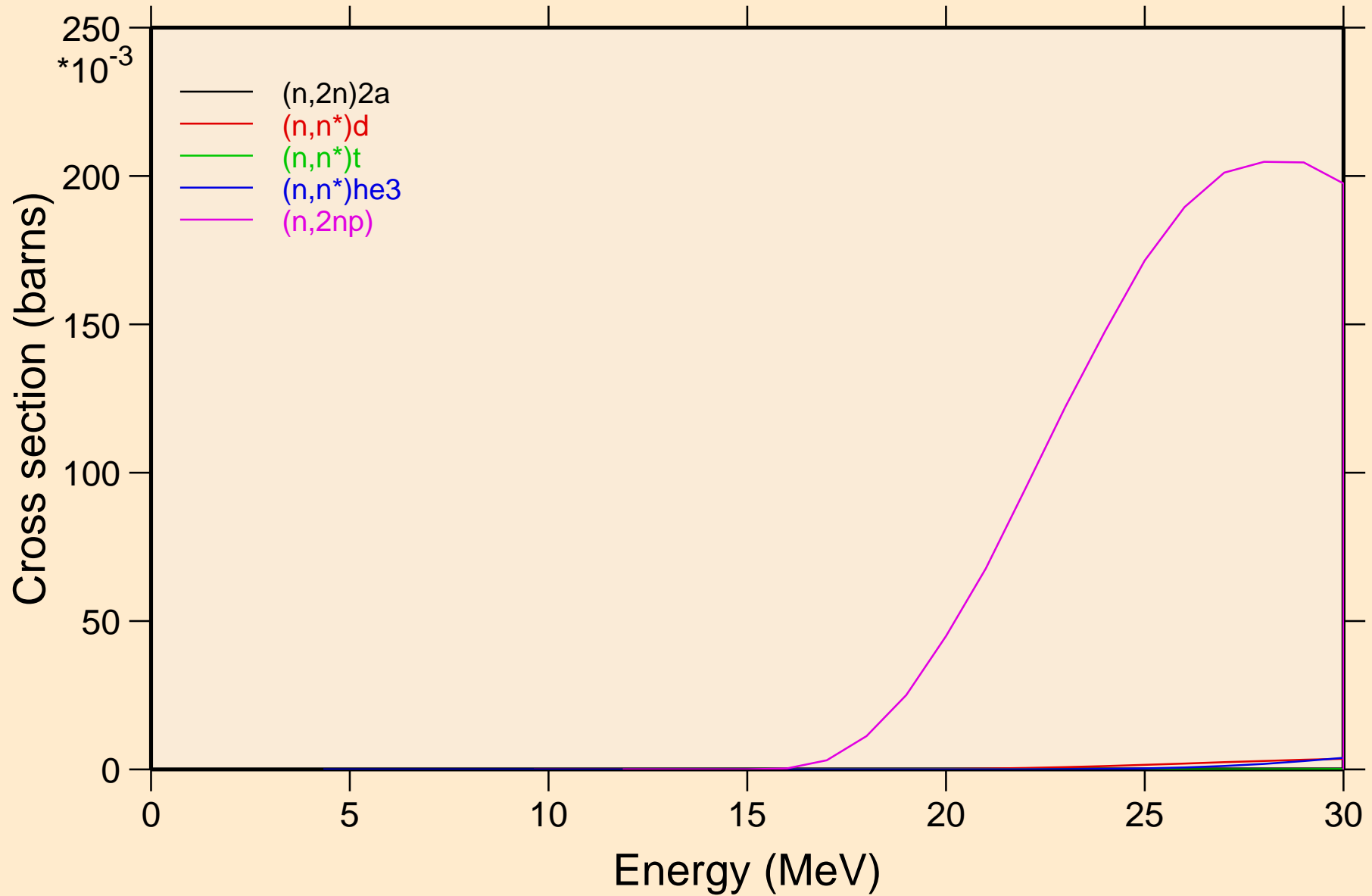
# YB153 NRG TENDL-2015, AKONING

## Threshold reactions



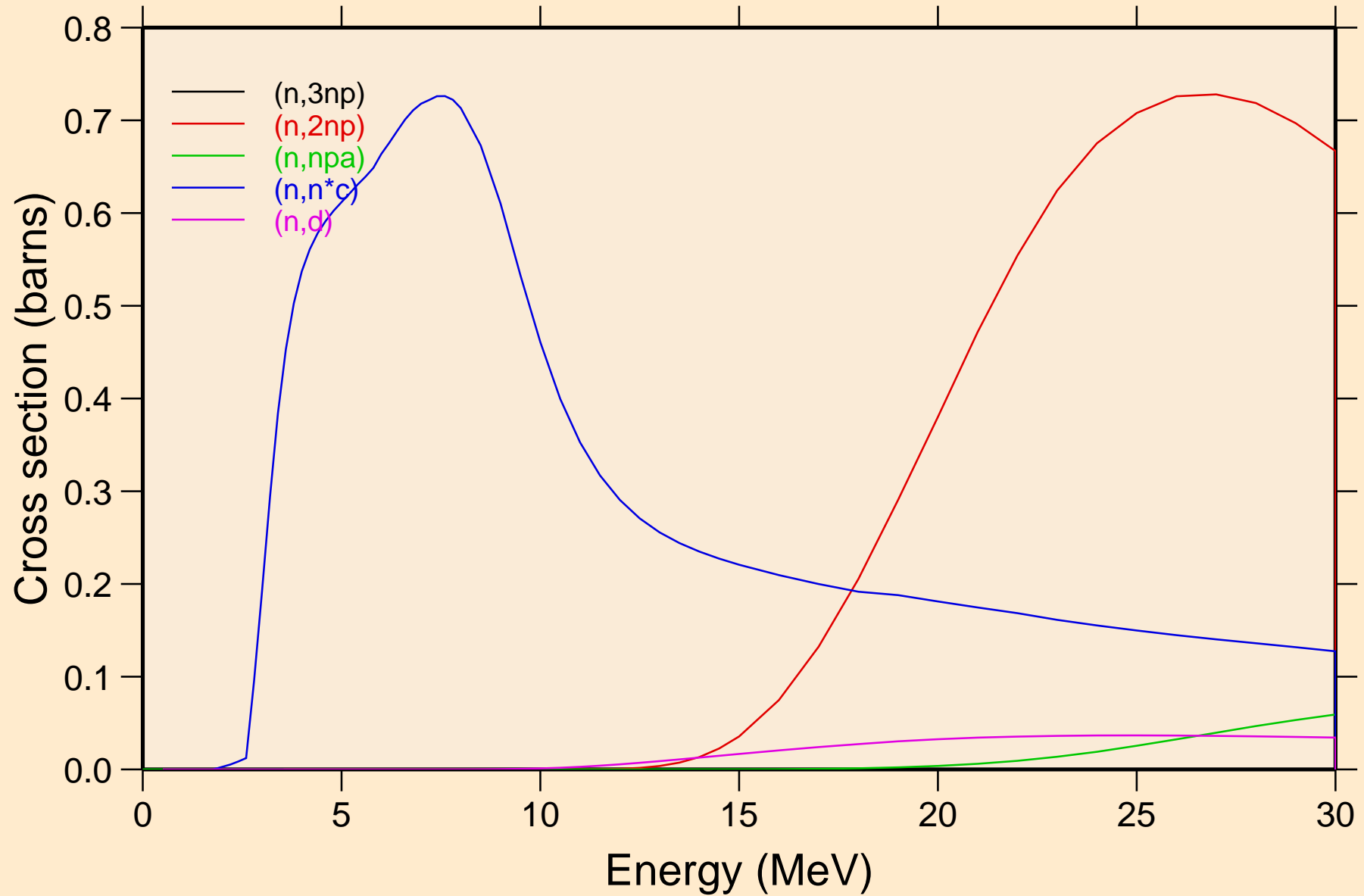
# YB153 NRG TENDL-2015, AKONING

## Threshold reactions



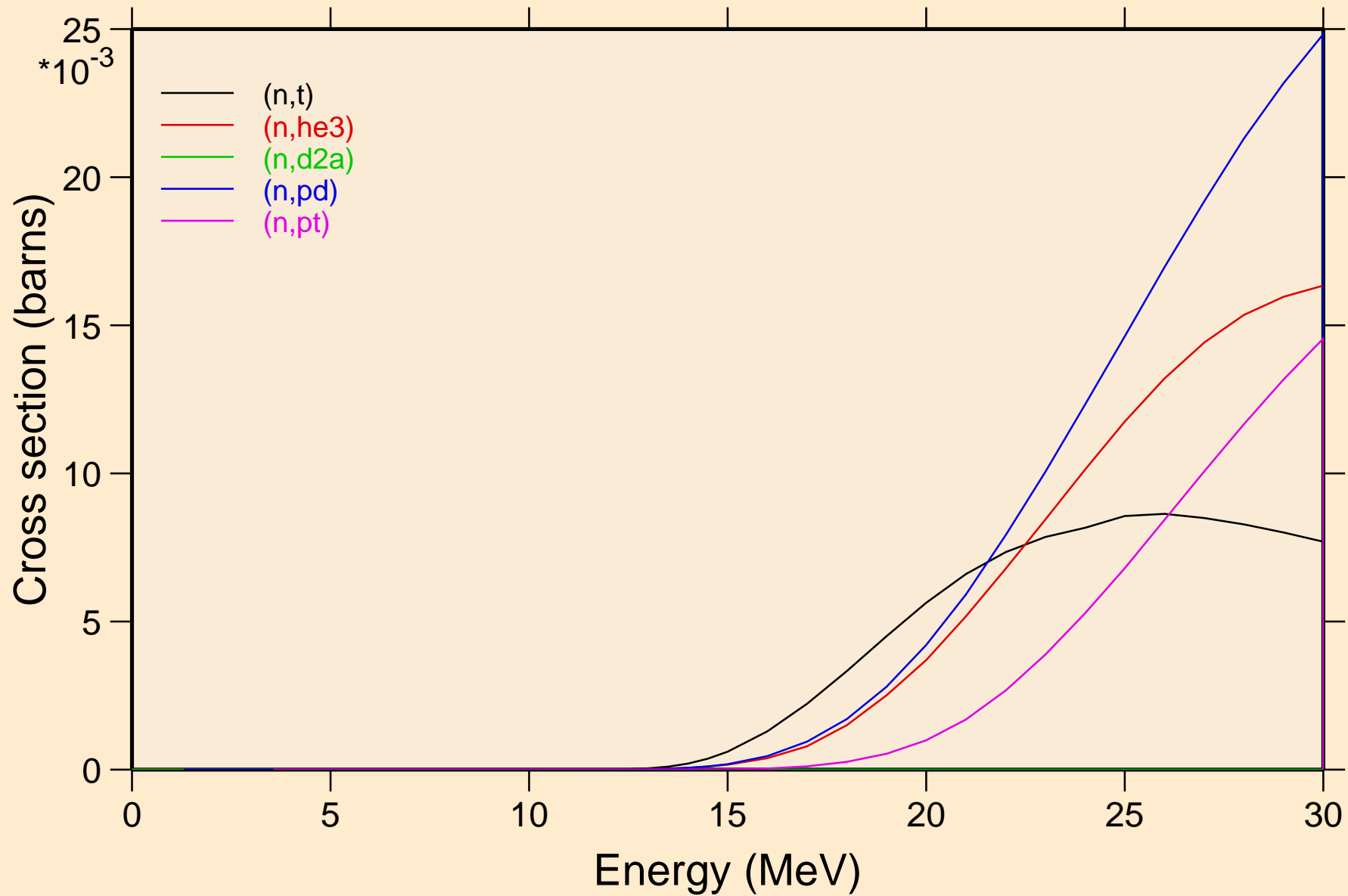
# YB153 NRG TENDL-2015, AKONING

## Threshold reactions



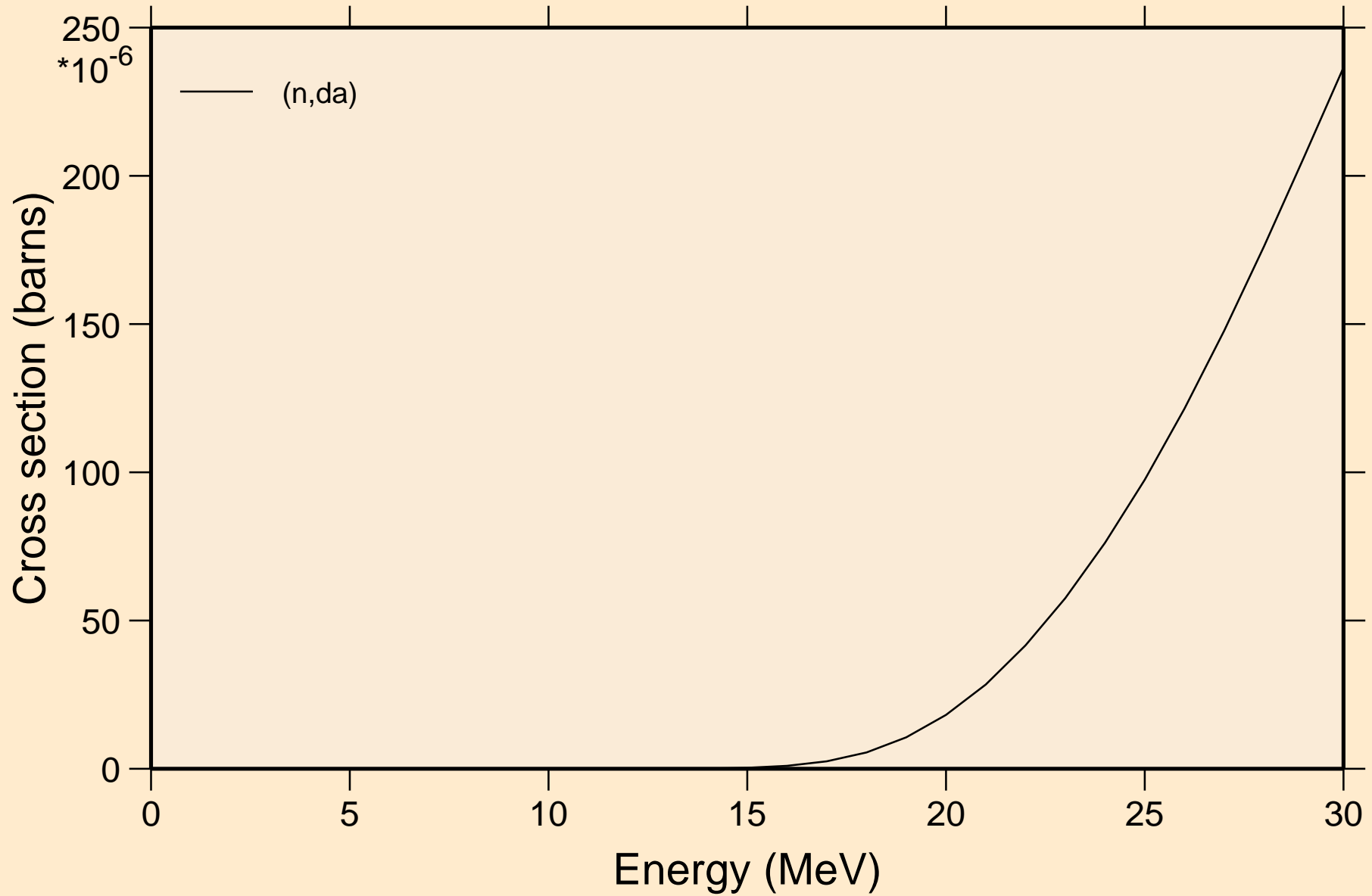
# YB153 NRG TENDL-2015, AKONING

## Threshold reactions

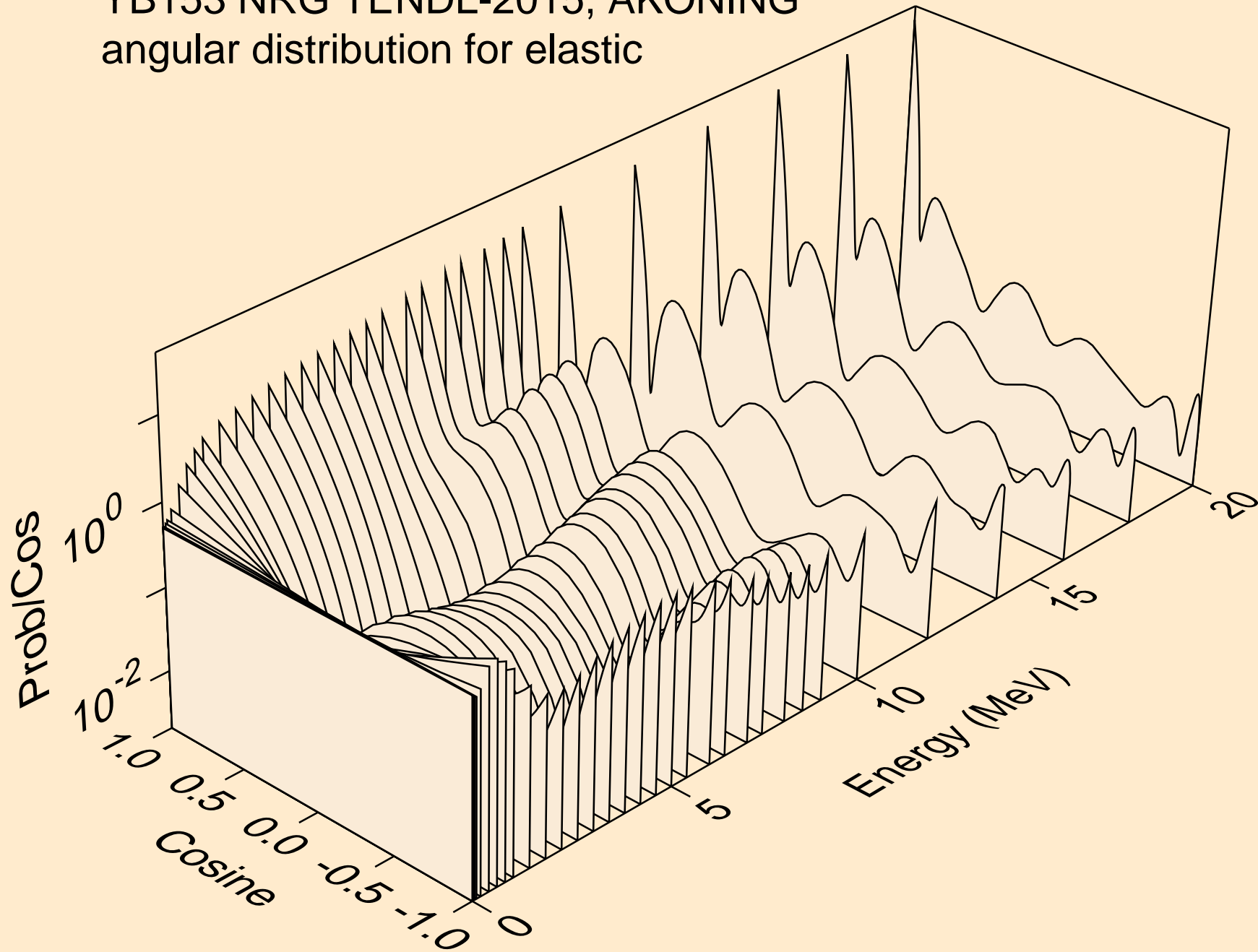


# YB153 NRG TENDL-2015, AKONING

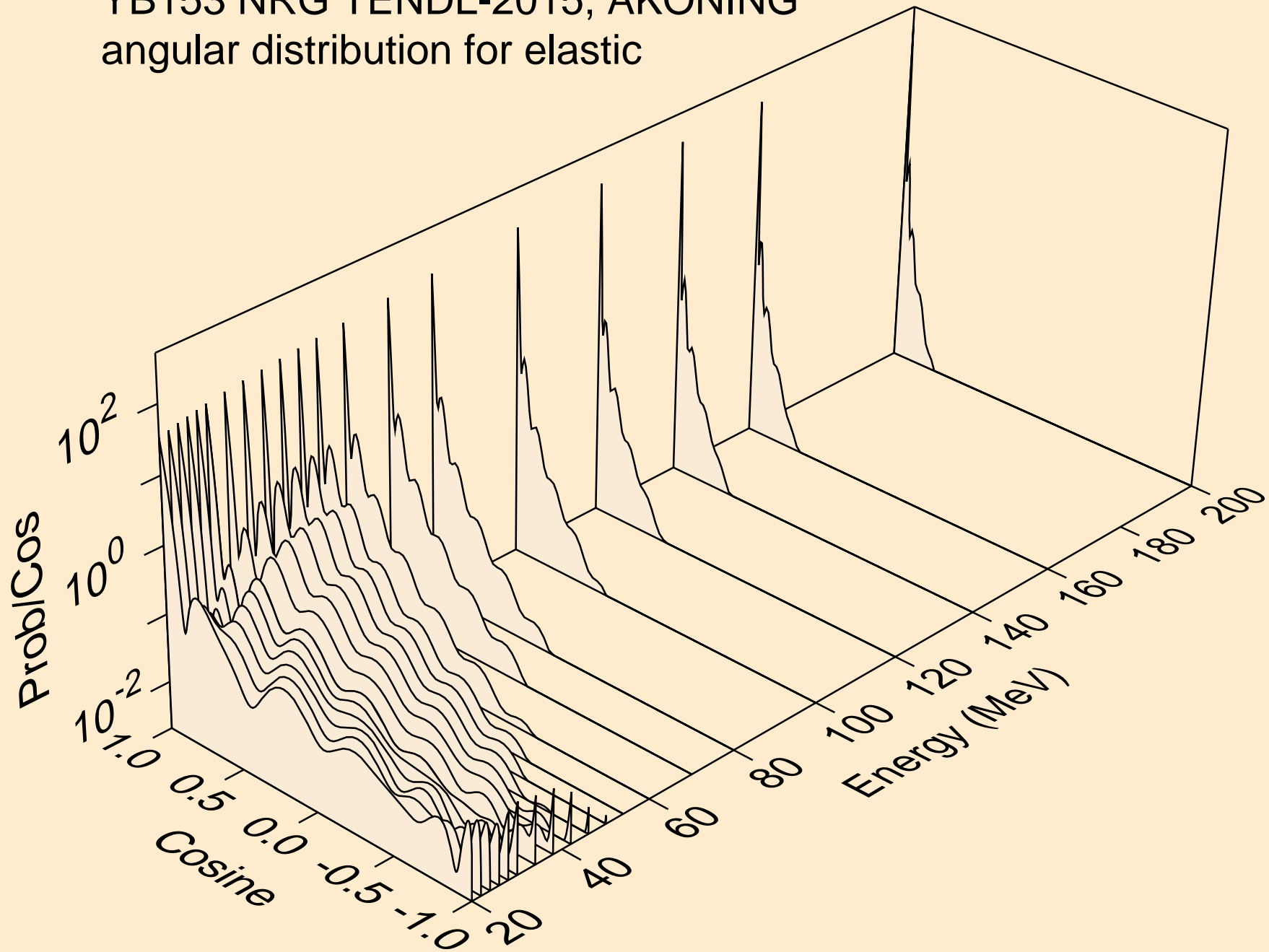
## Threshold reactions



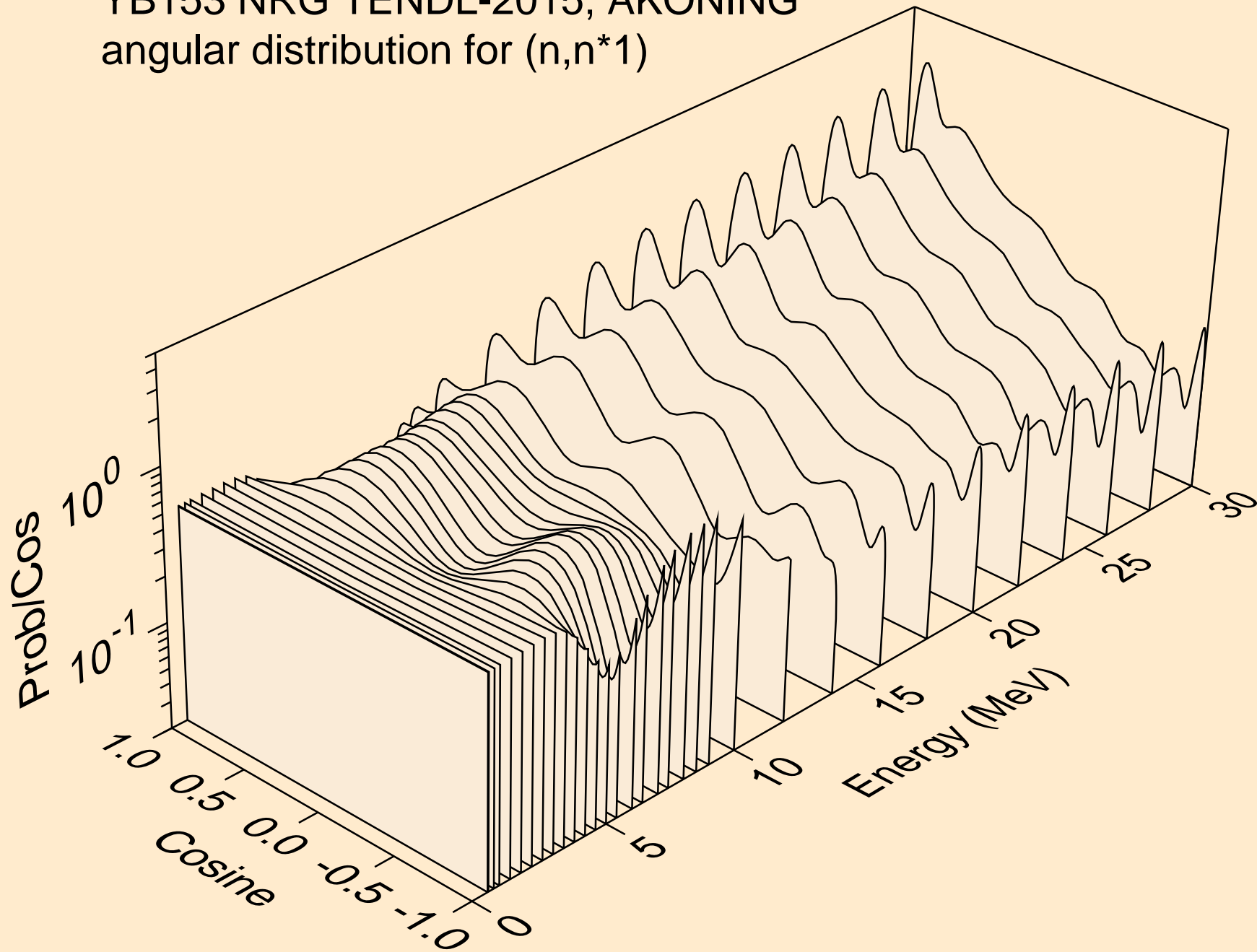
YB153 NRG TENDL-2015, AKONING  
angular distribution for elastic



YB153 NRG TENDL-2015, AKONING  
angular distribution for elastic

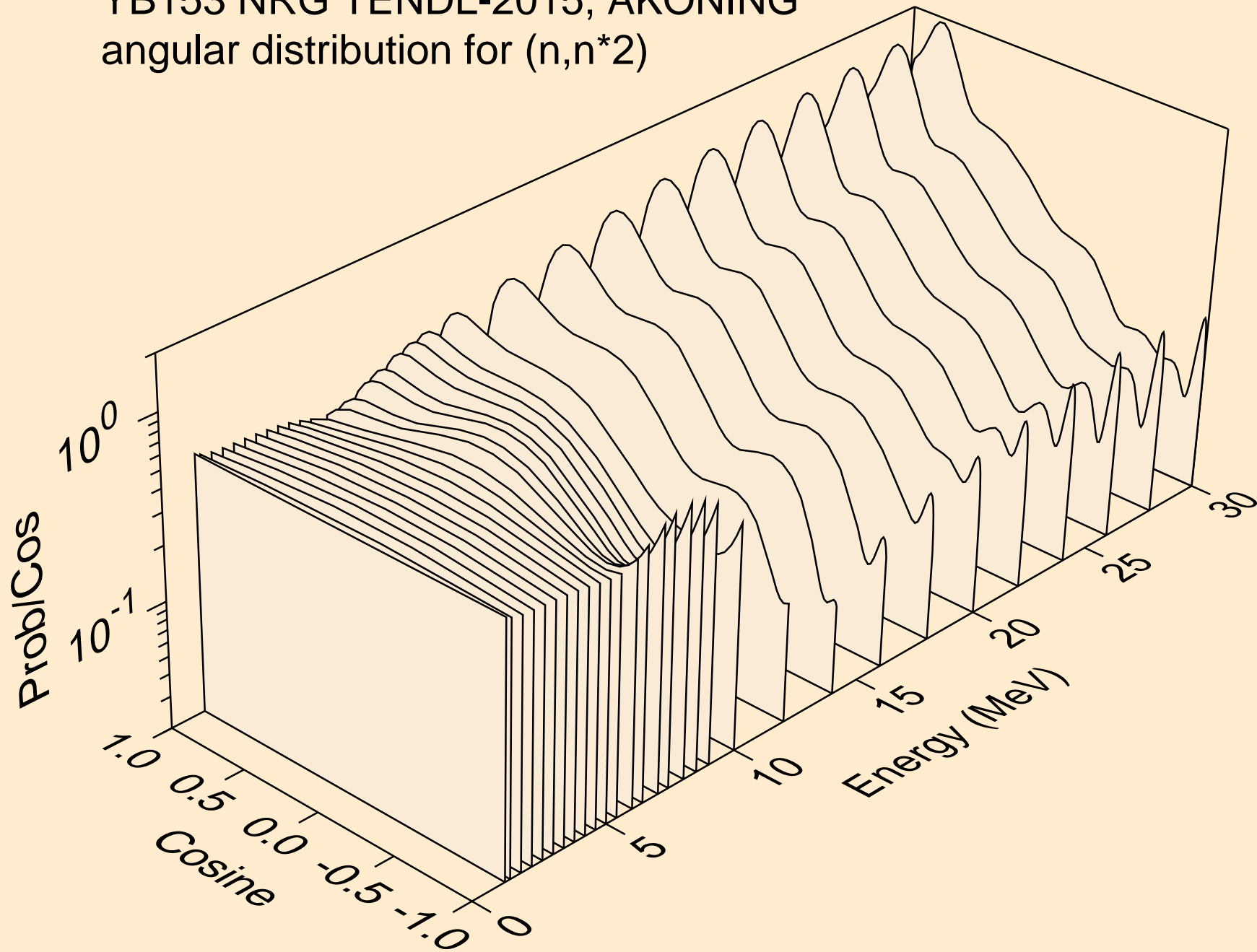


YB153 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)

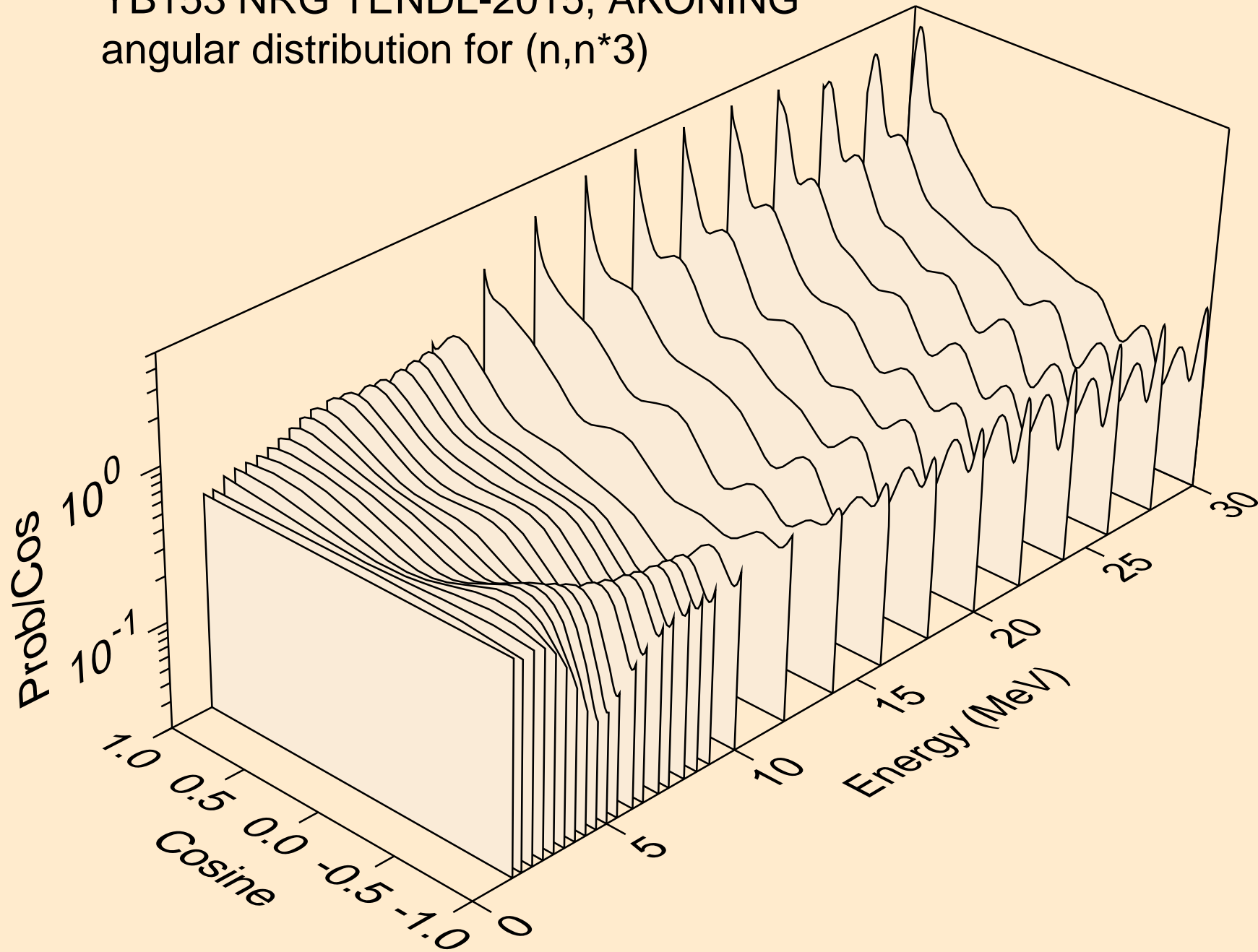




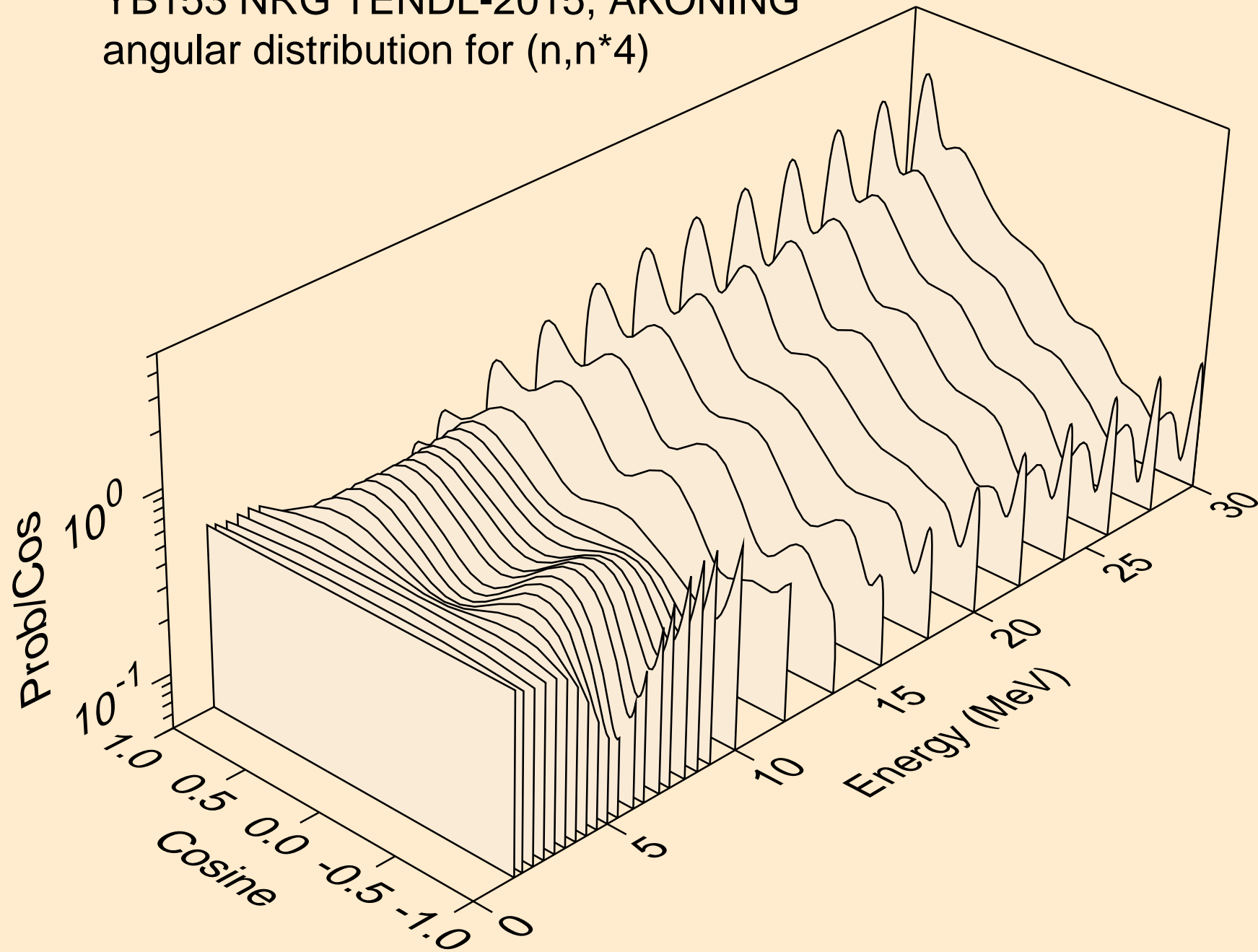
YB153 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



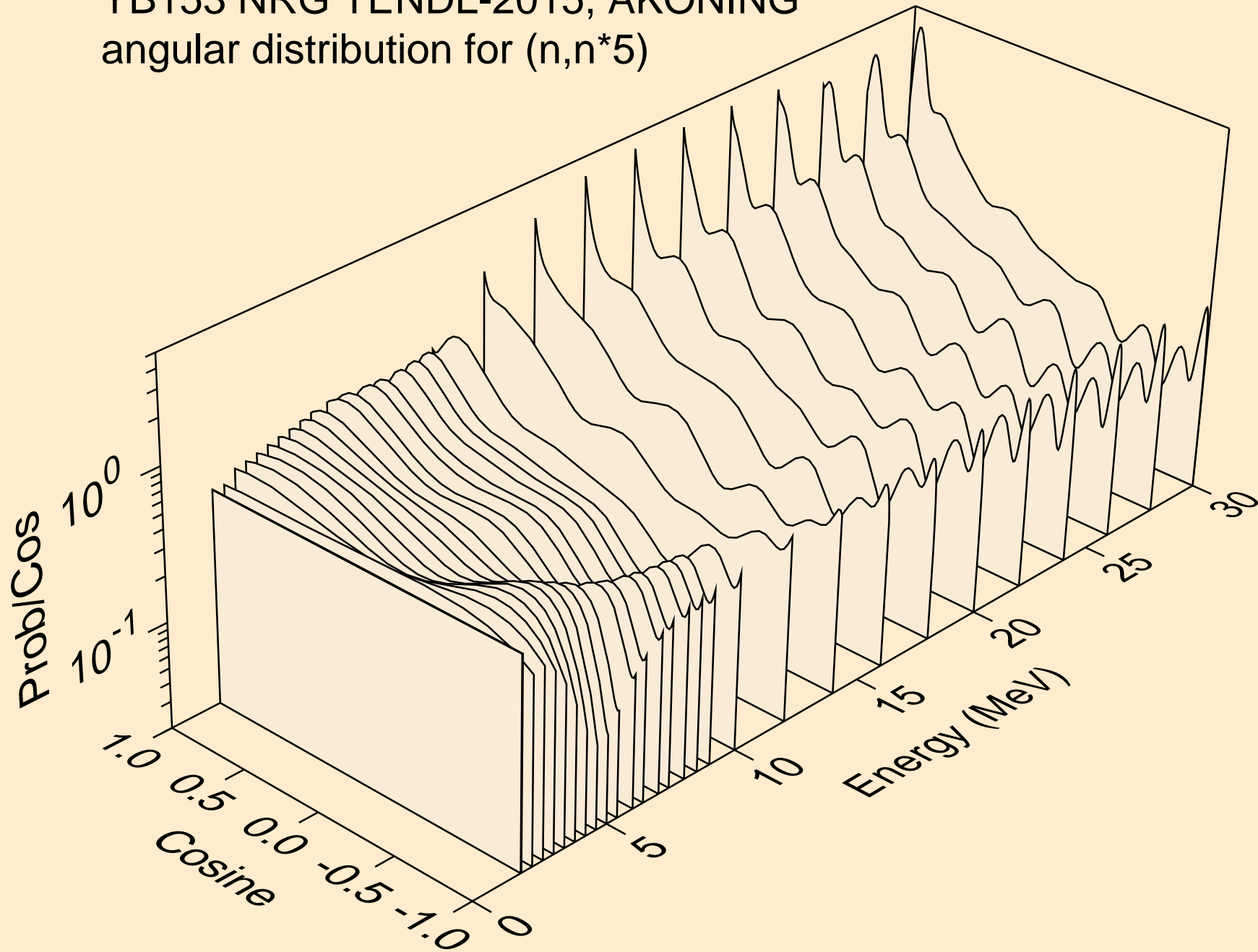
YB153 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



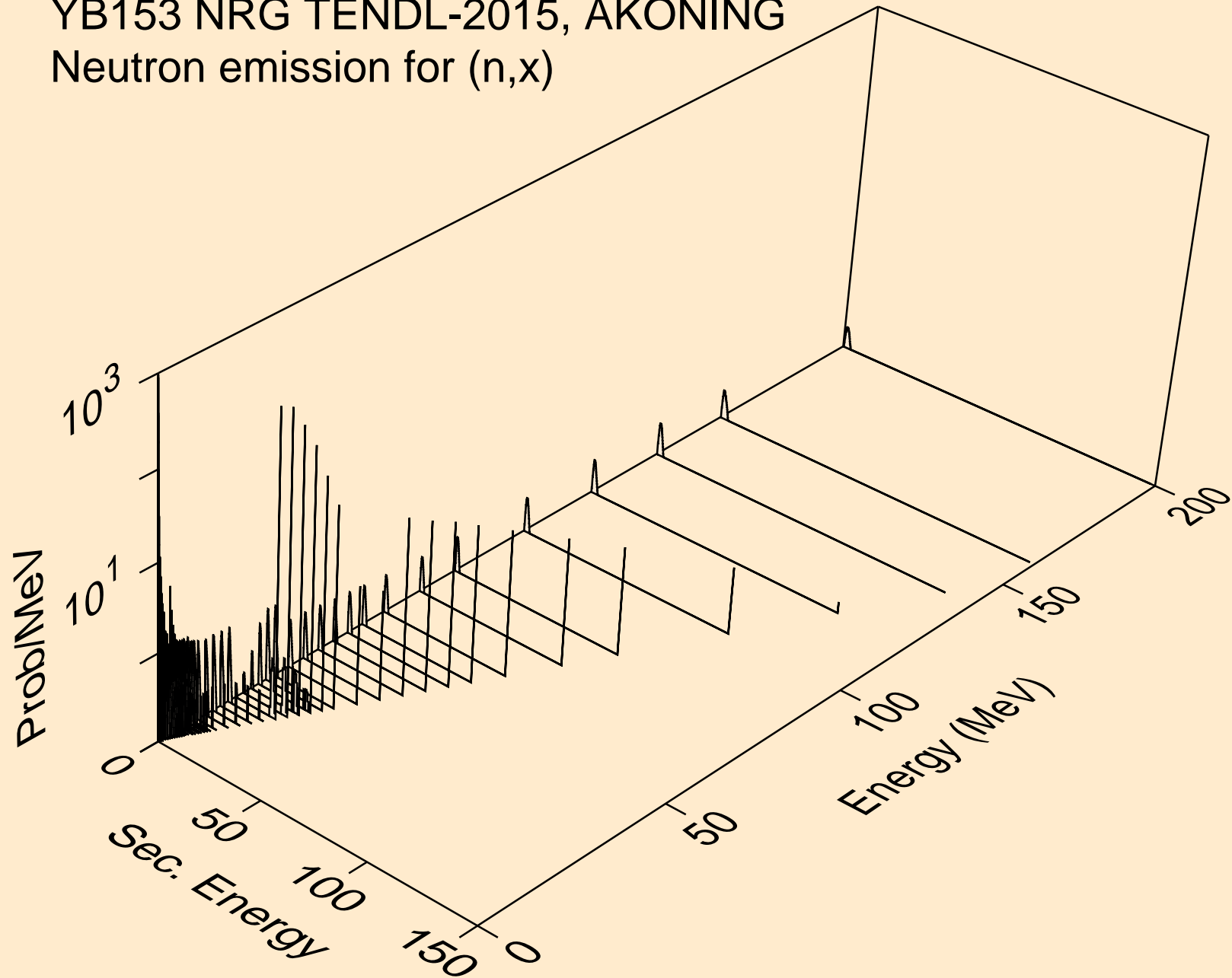
YB153 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



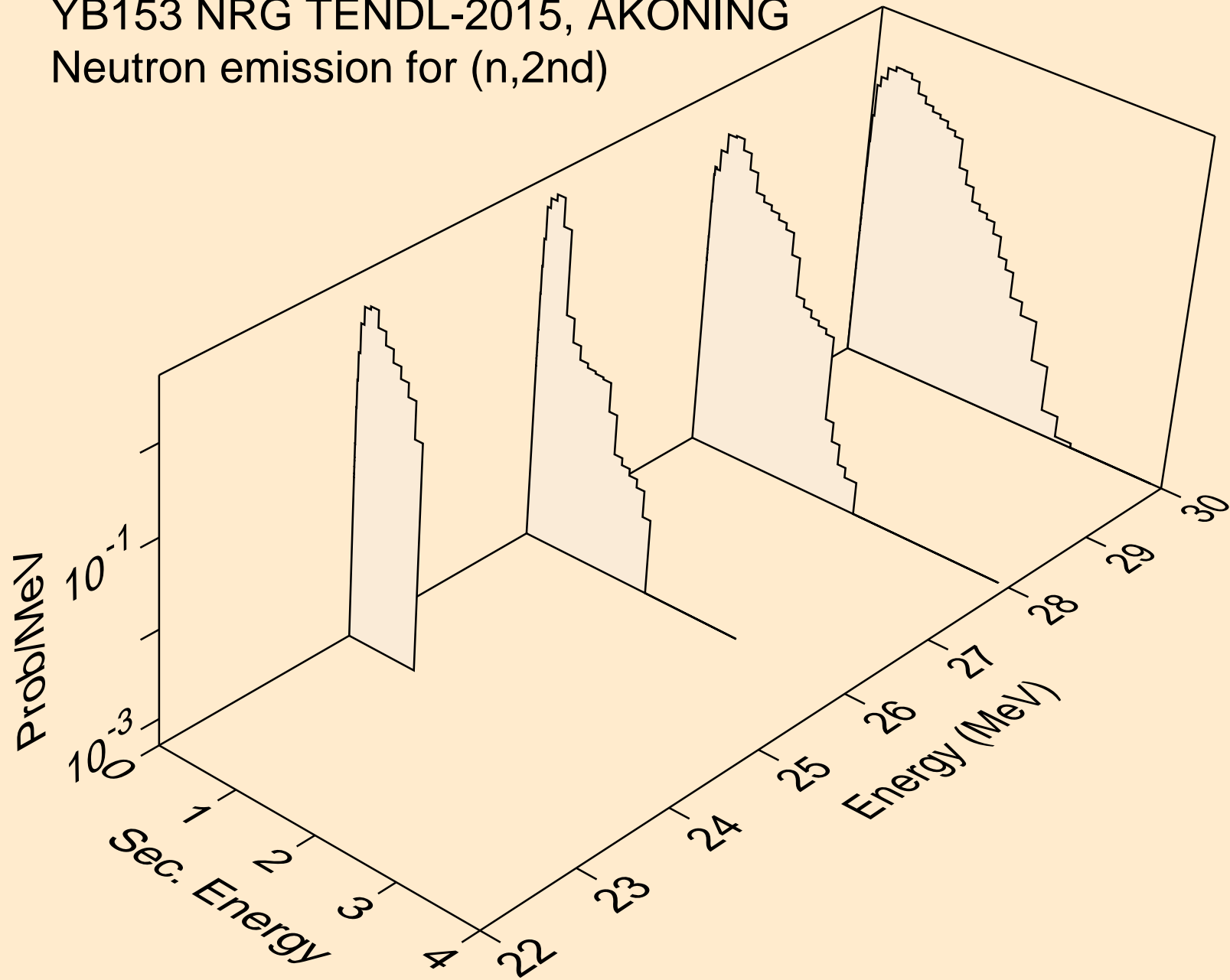
YB153 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



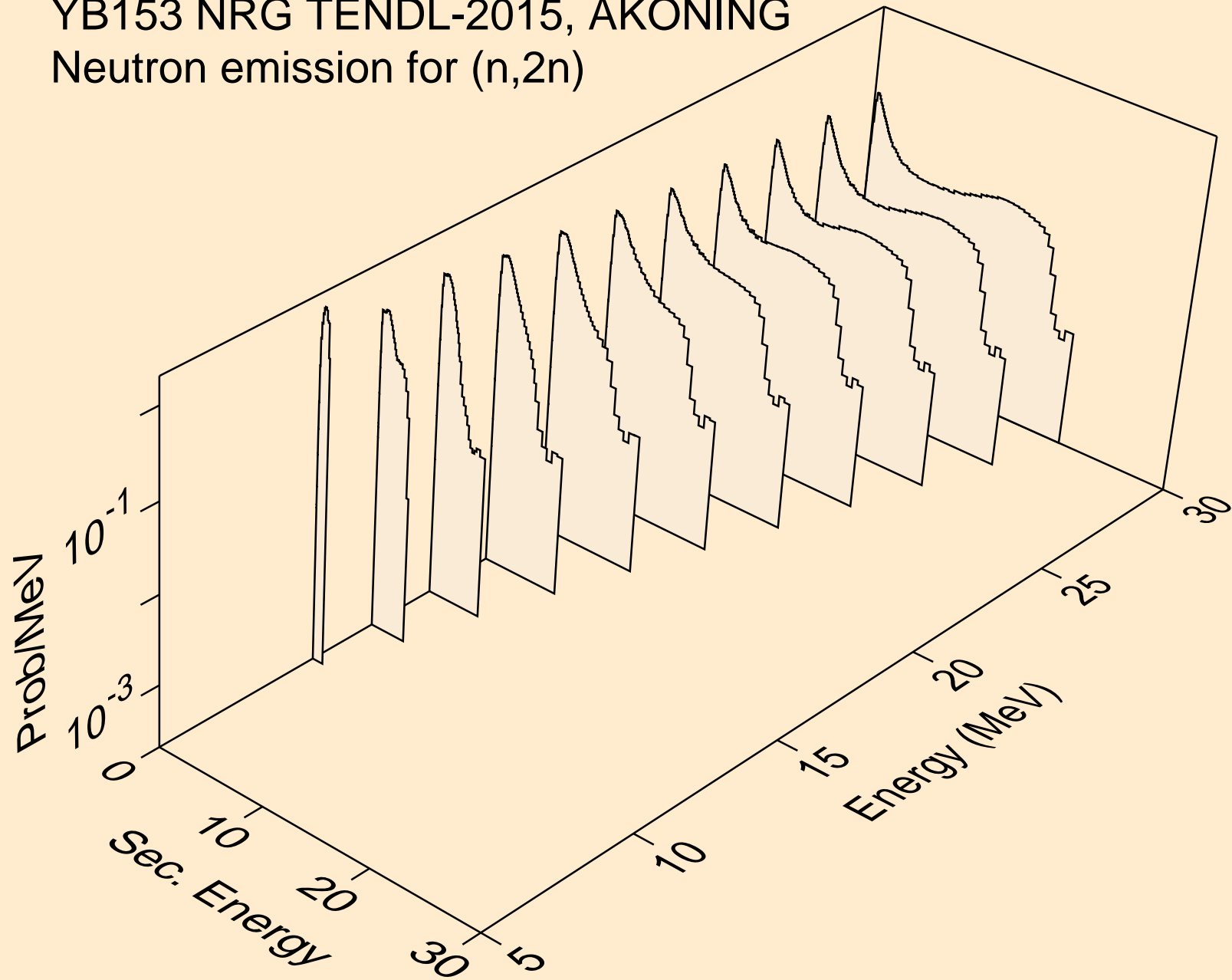
YB153 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



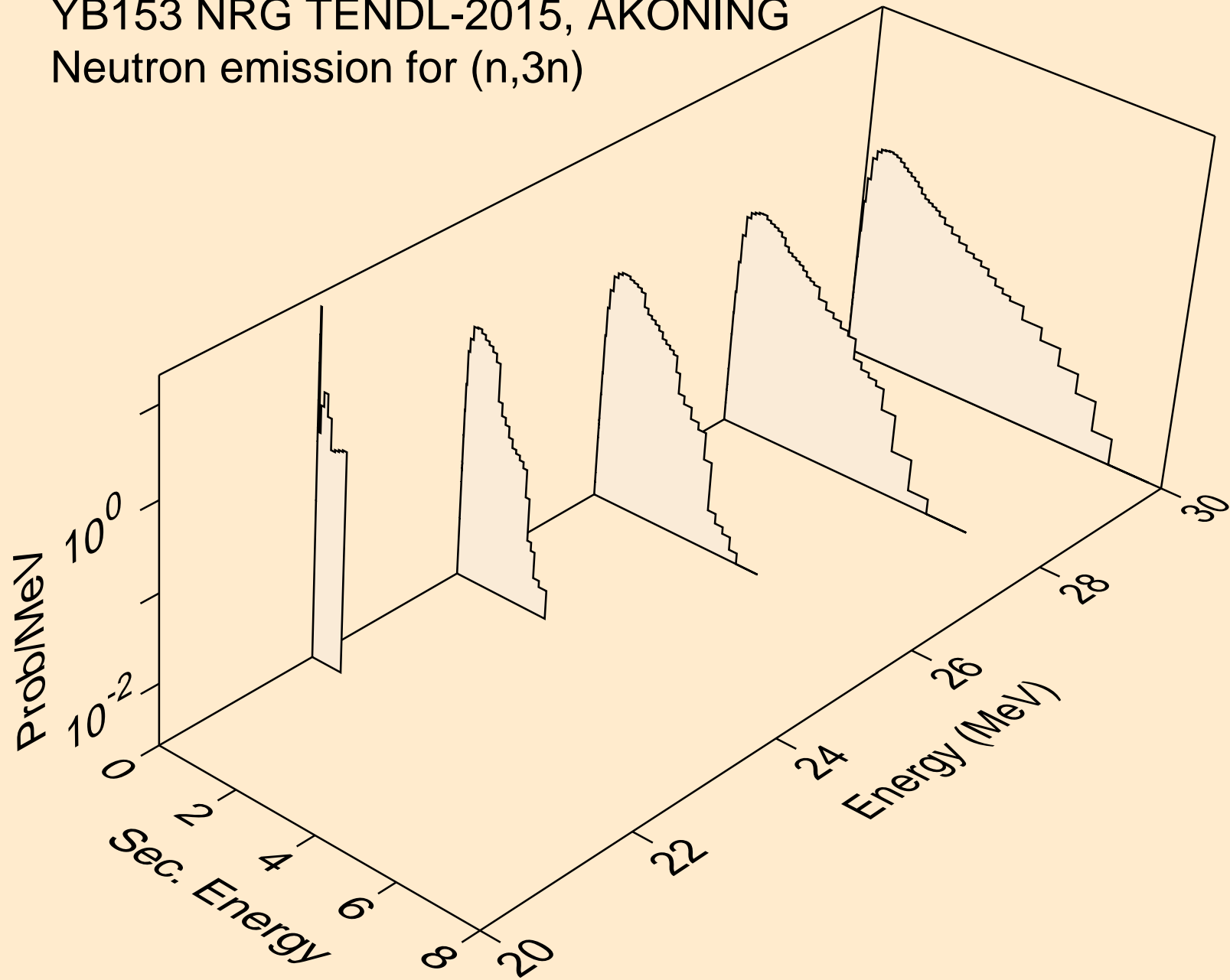
YB153 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



YB153 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)

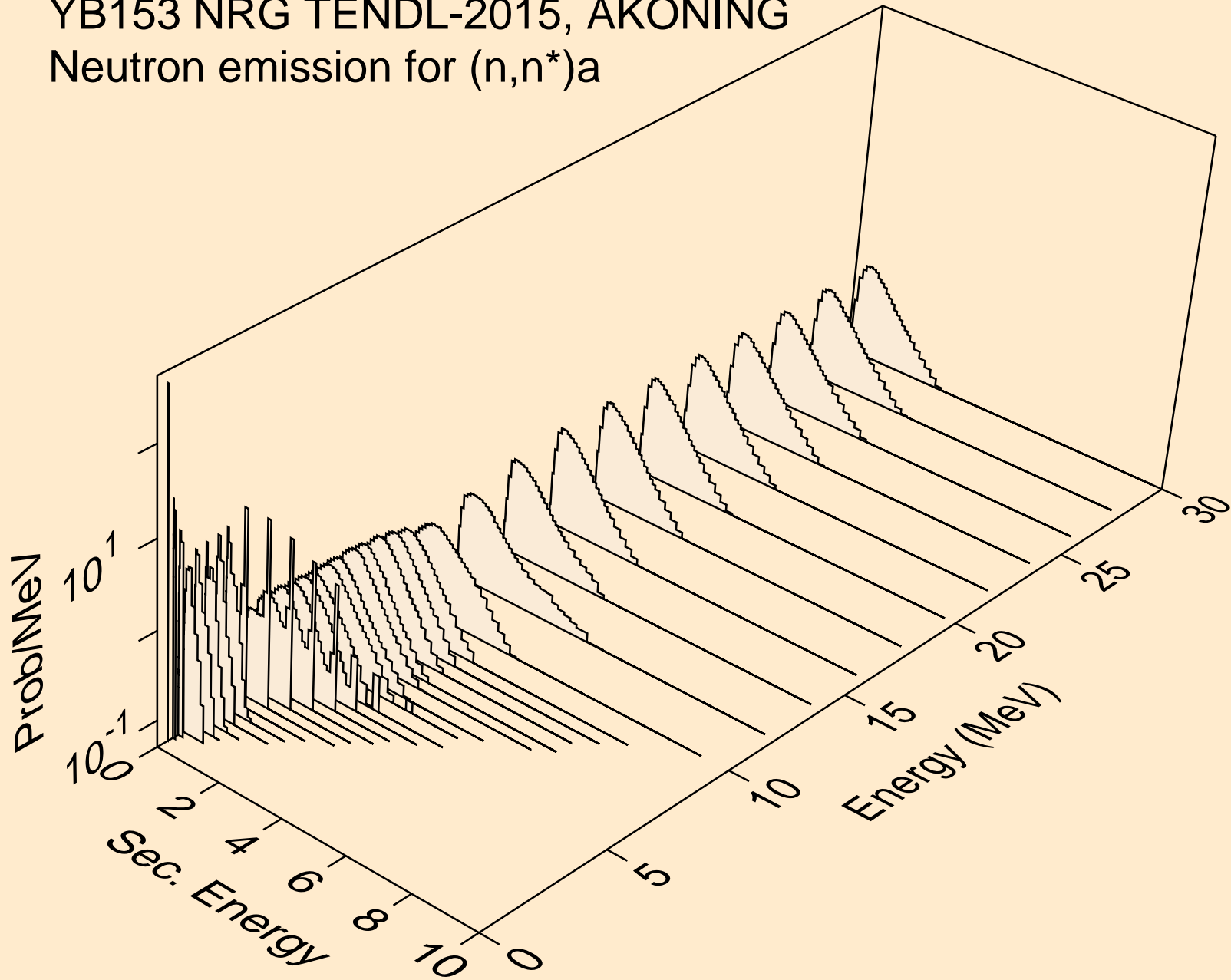


YB153 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)

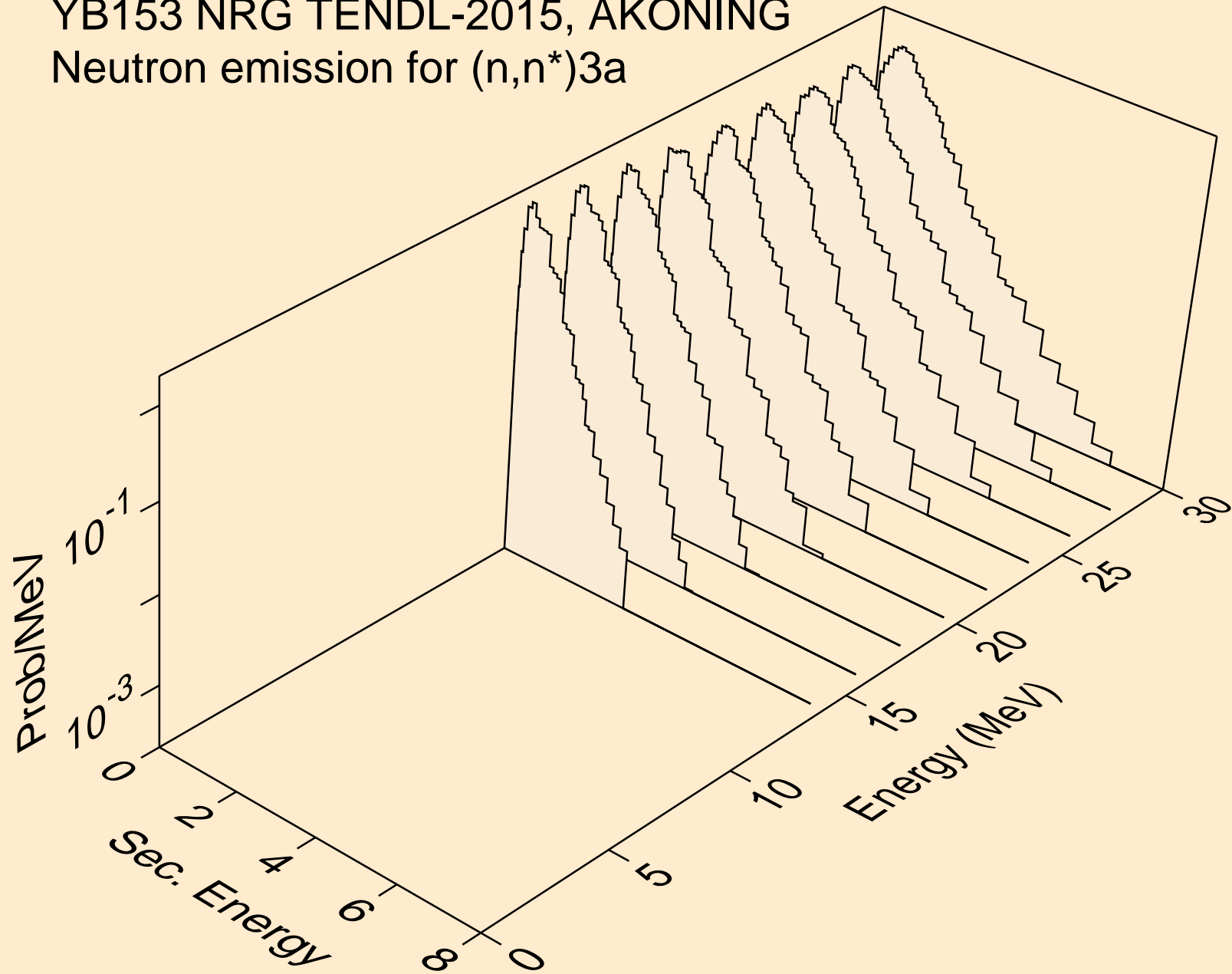




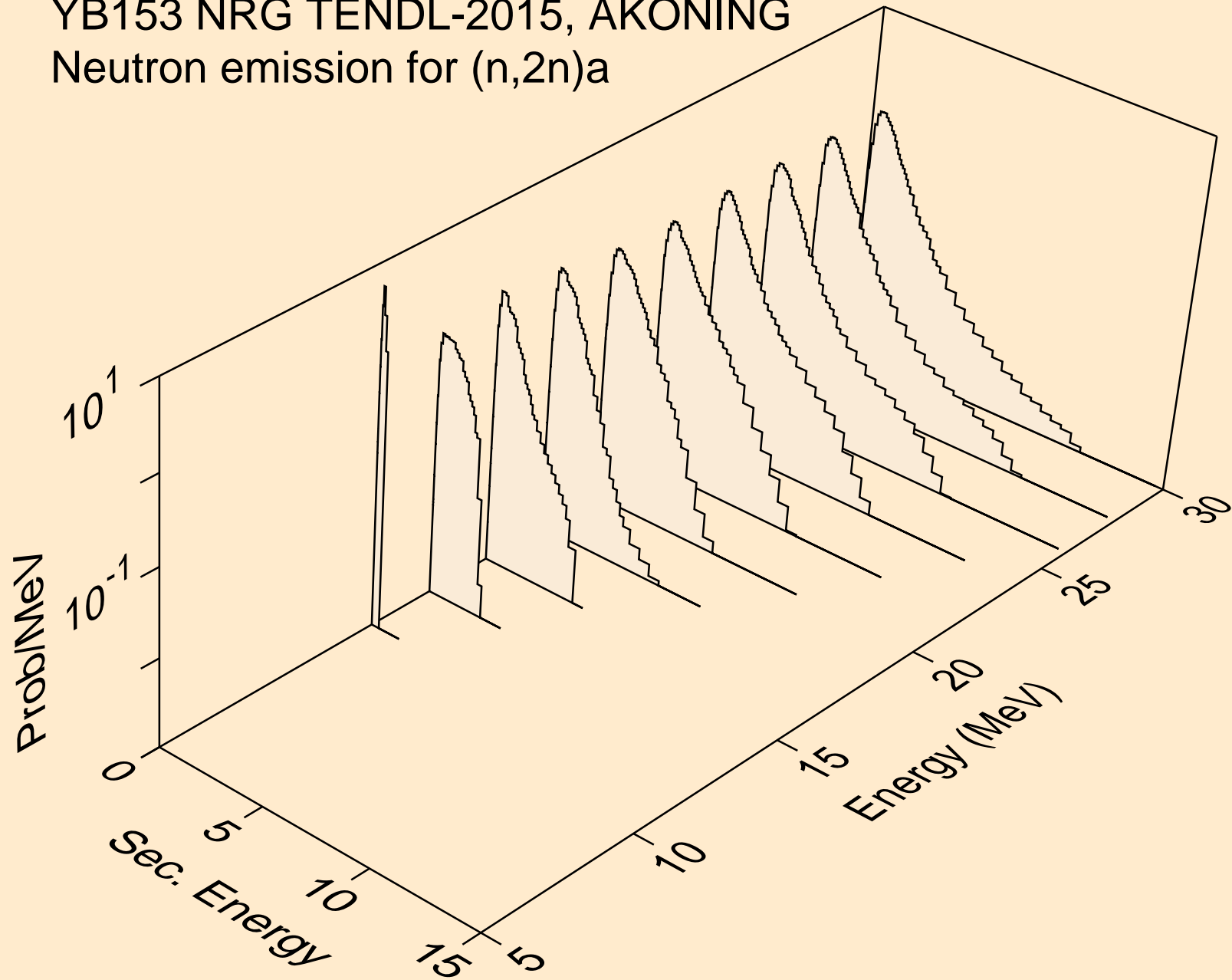
YB153 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



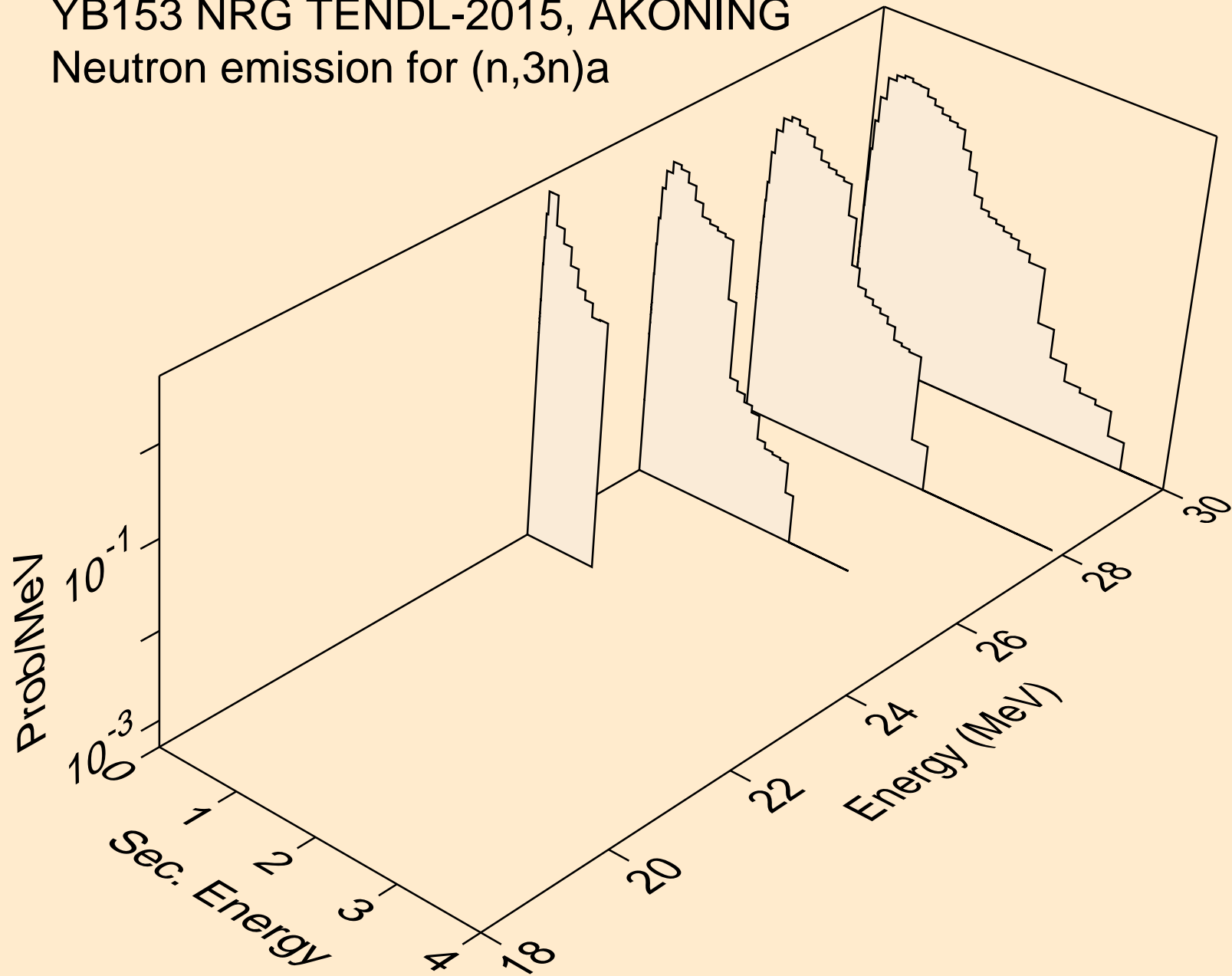
YB153 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)3a



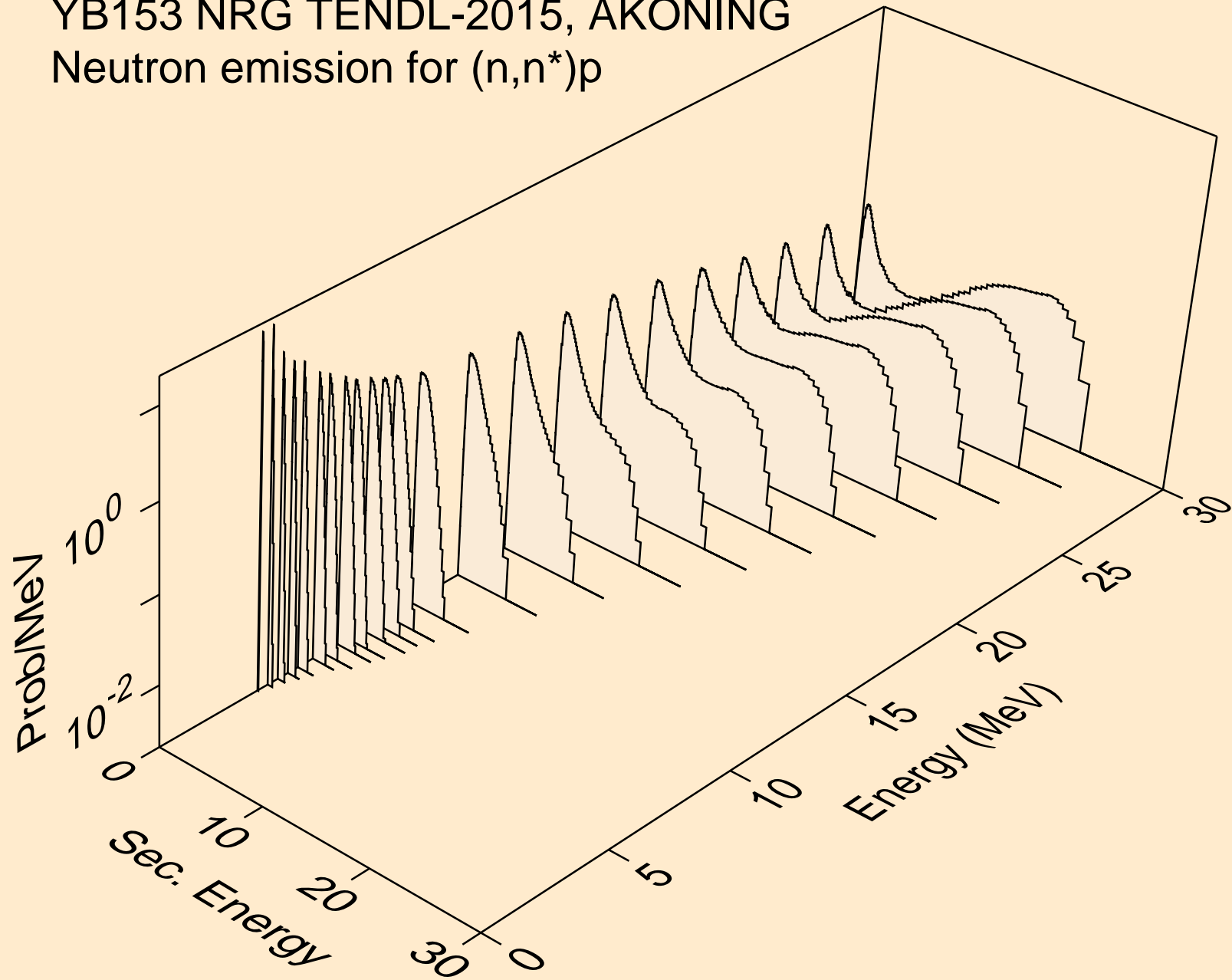
YB153 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)<sub>a</sub>



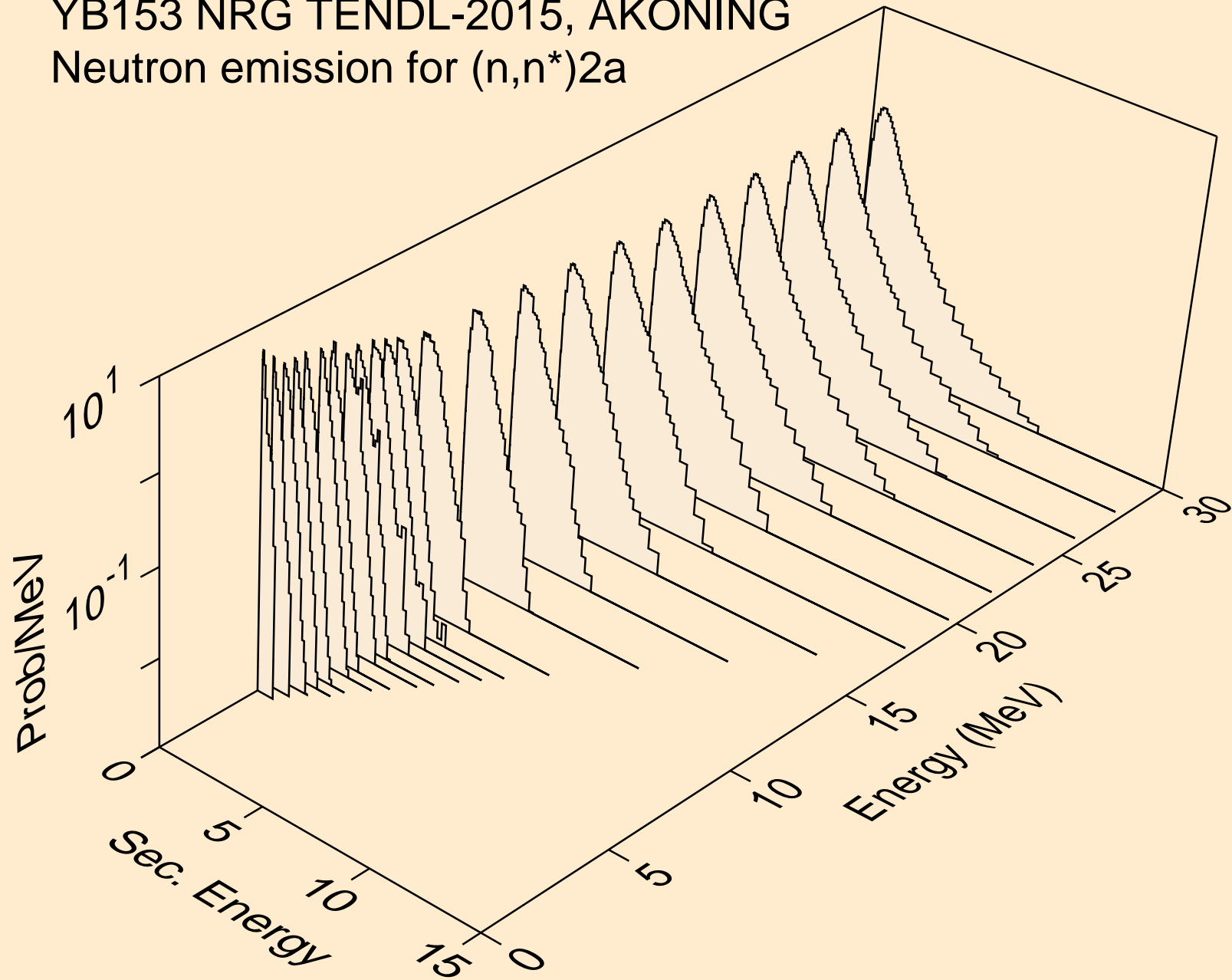
YB153 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)<sub>a</sub>



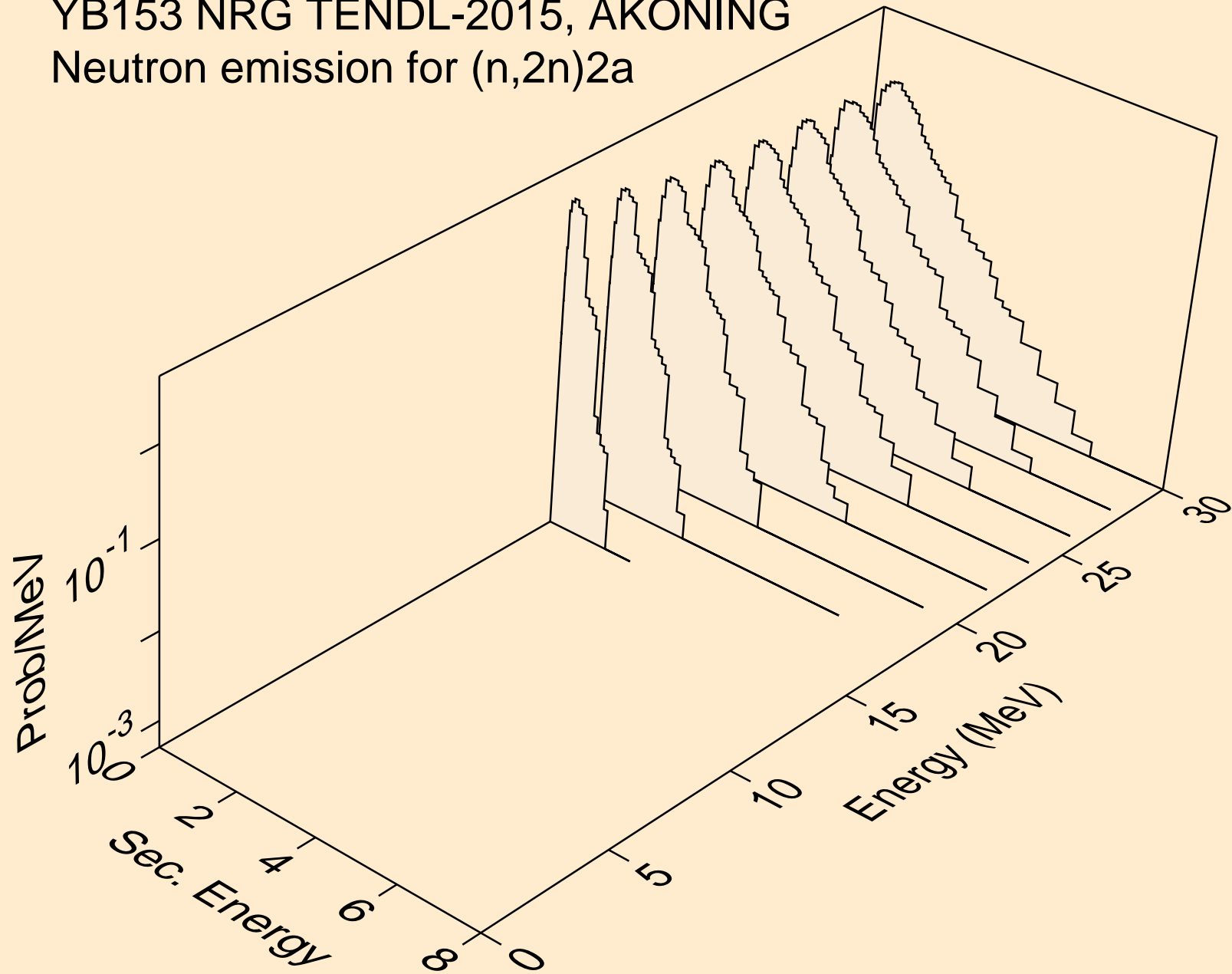
YB153 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



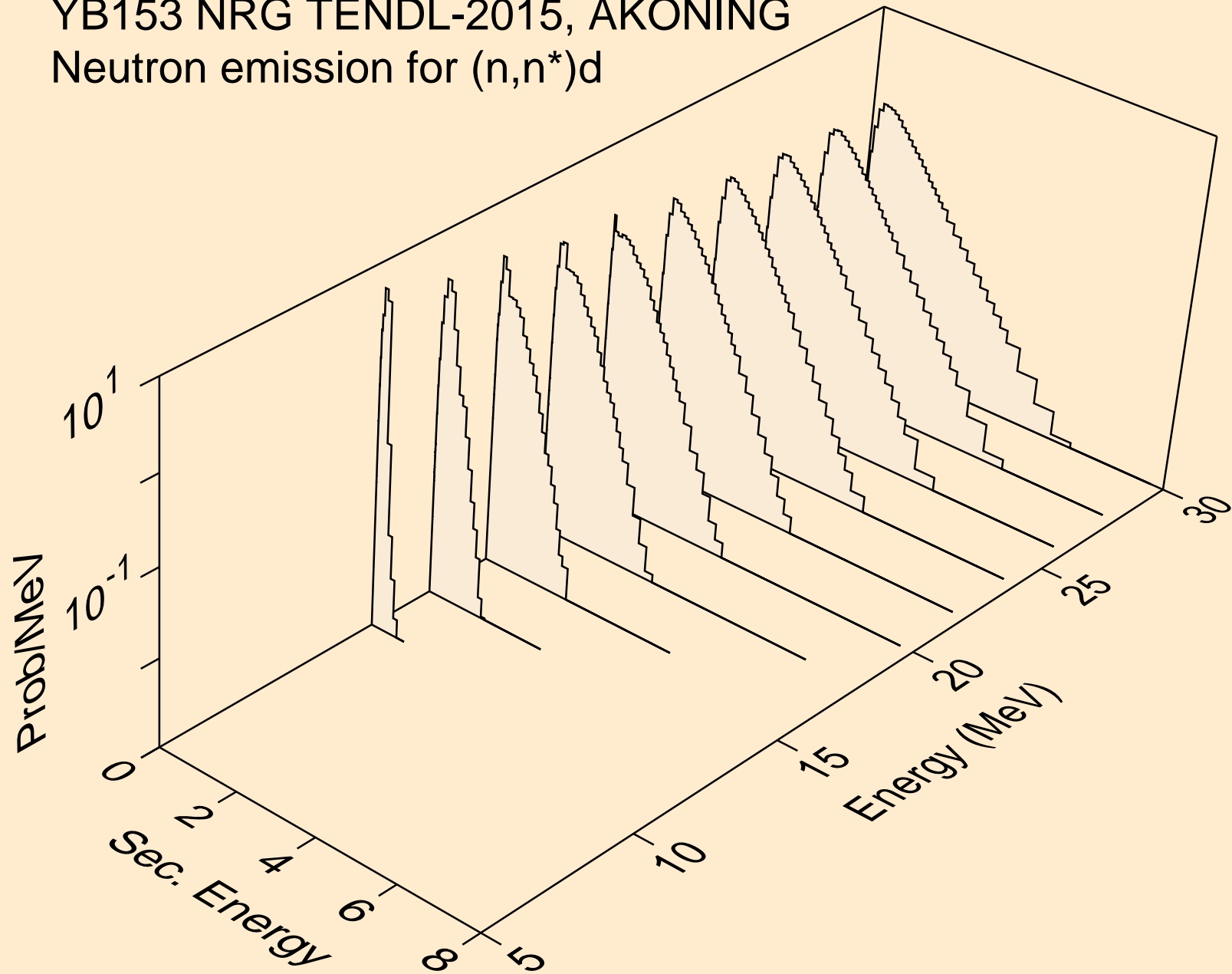
YB153 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



YB153 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a

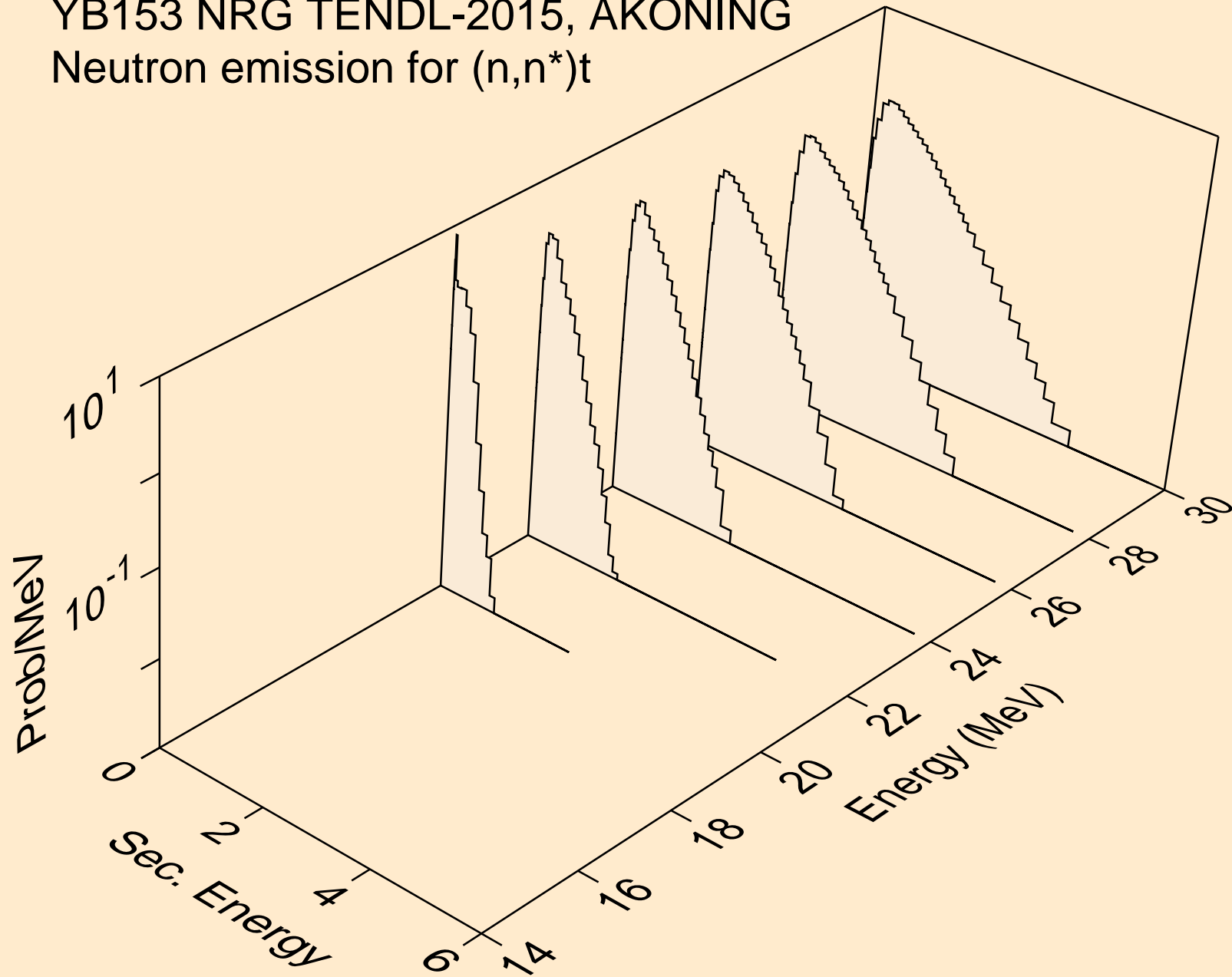


YB153 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d

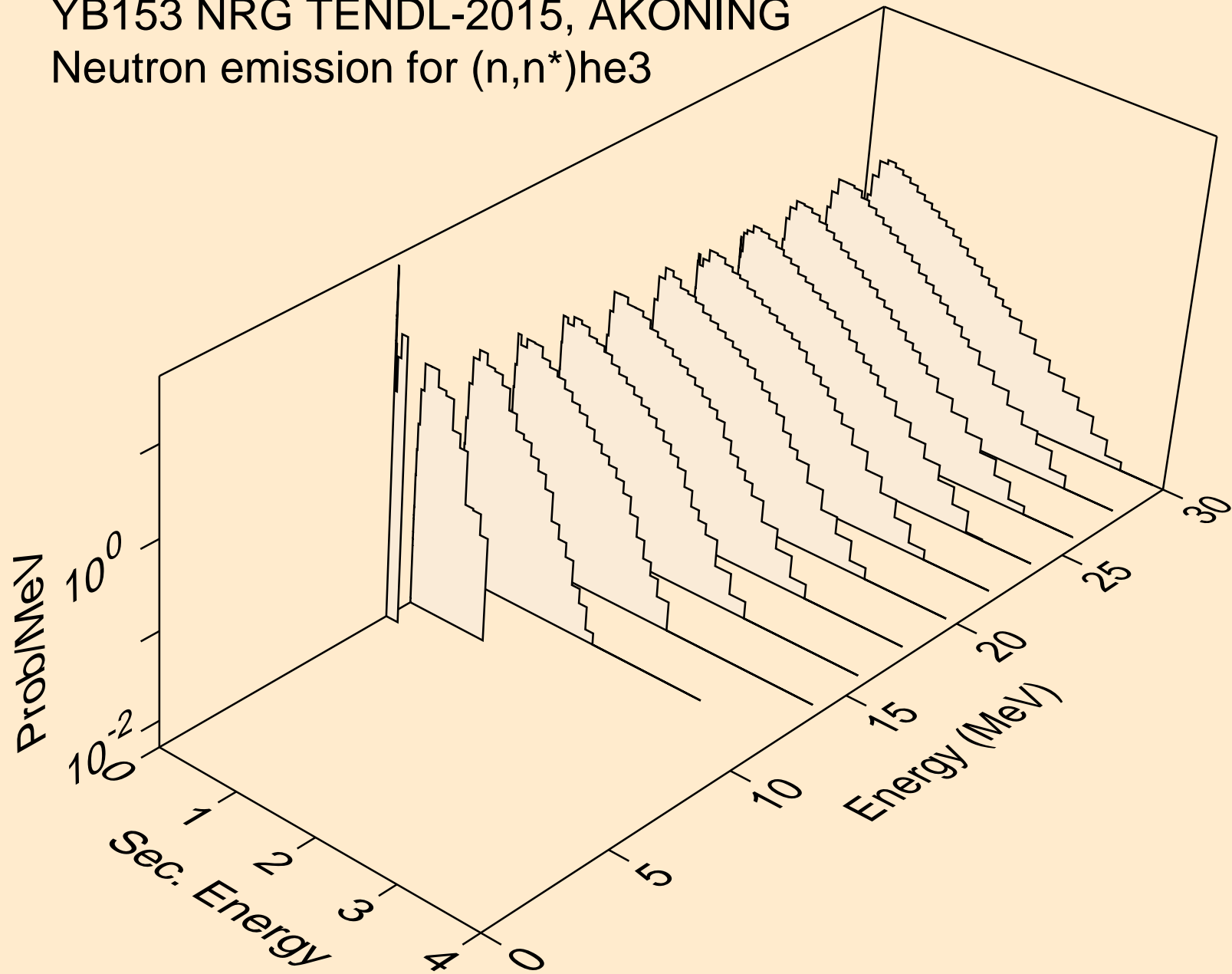




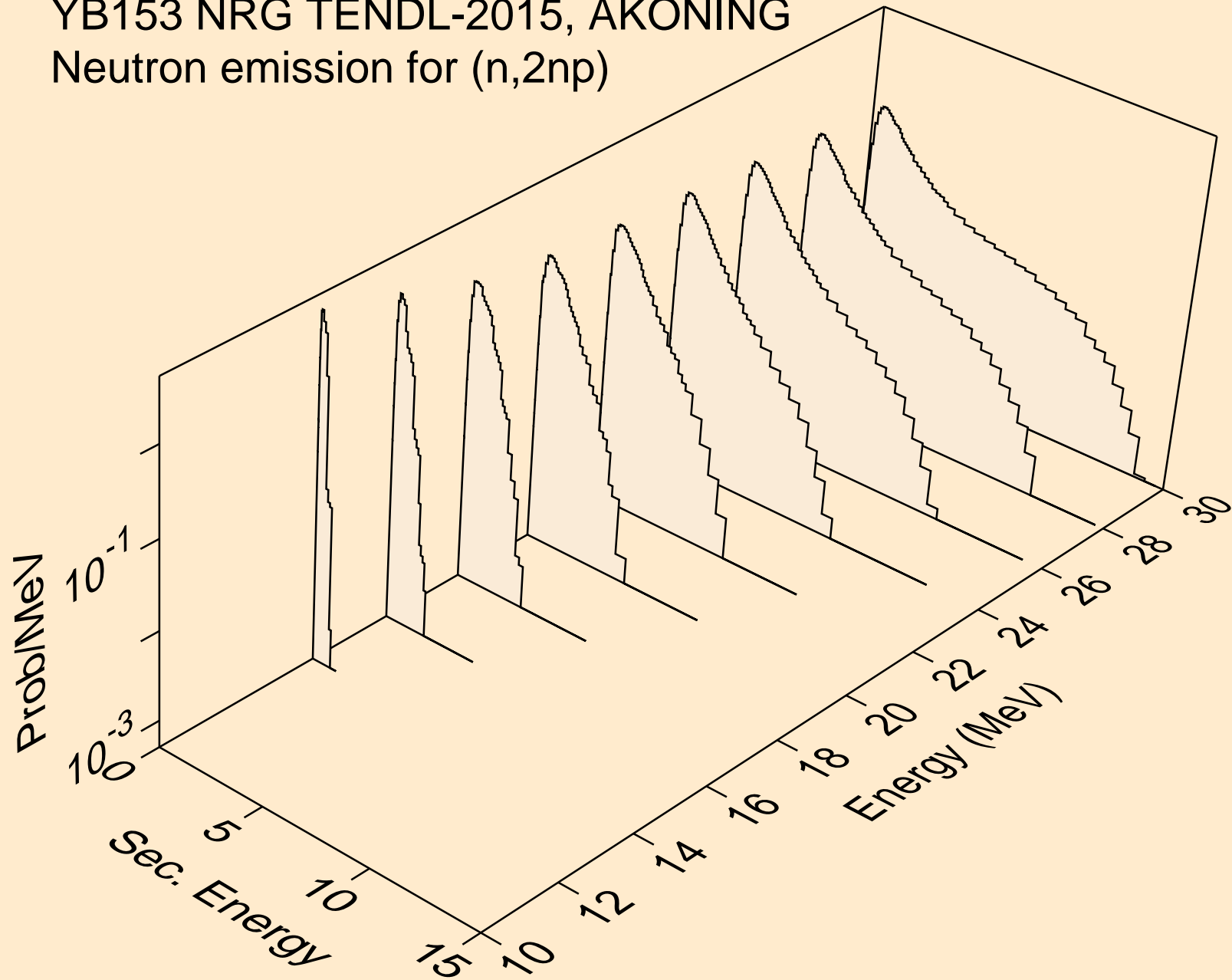
YB153 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



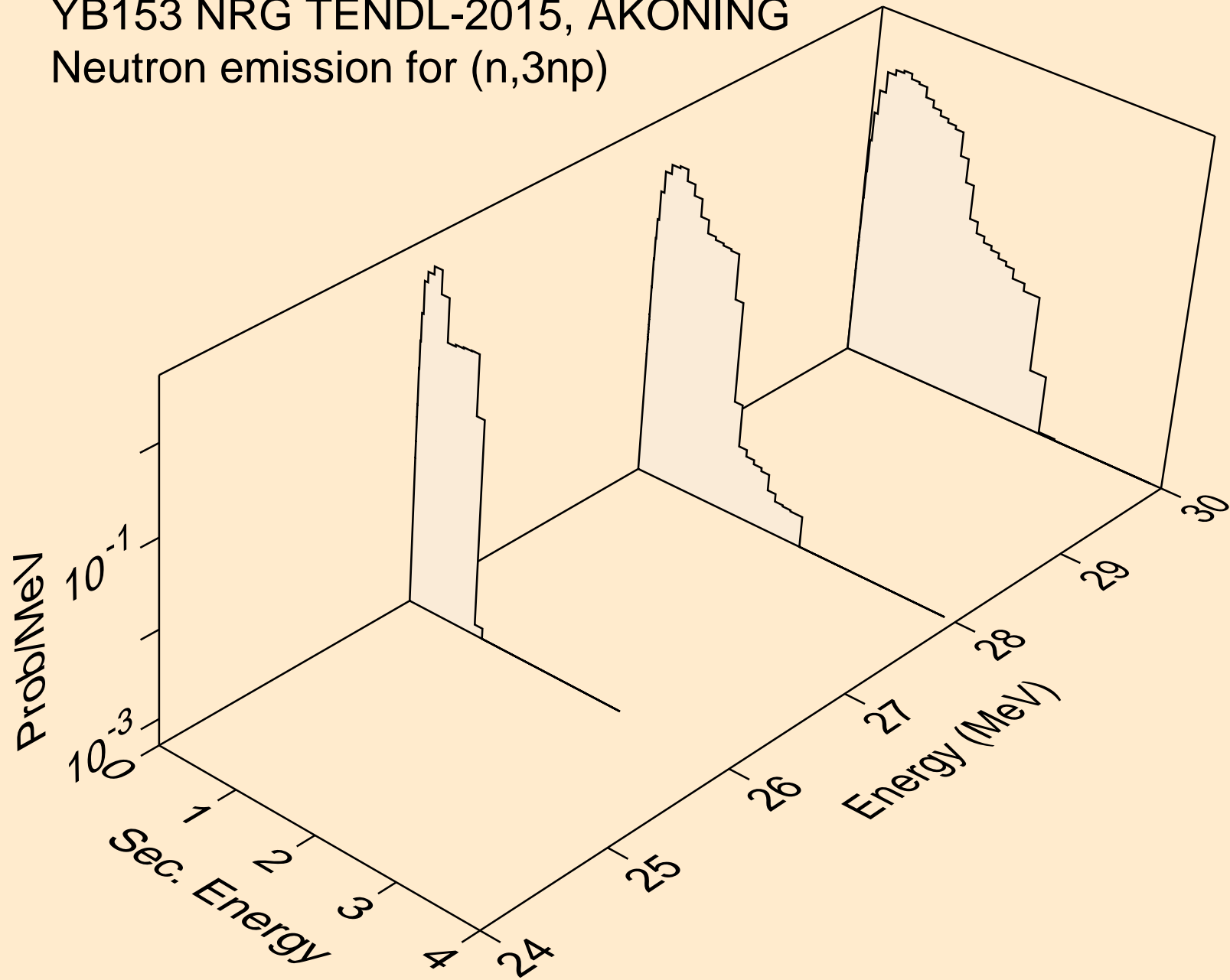
YB153 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



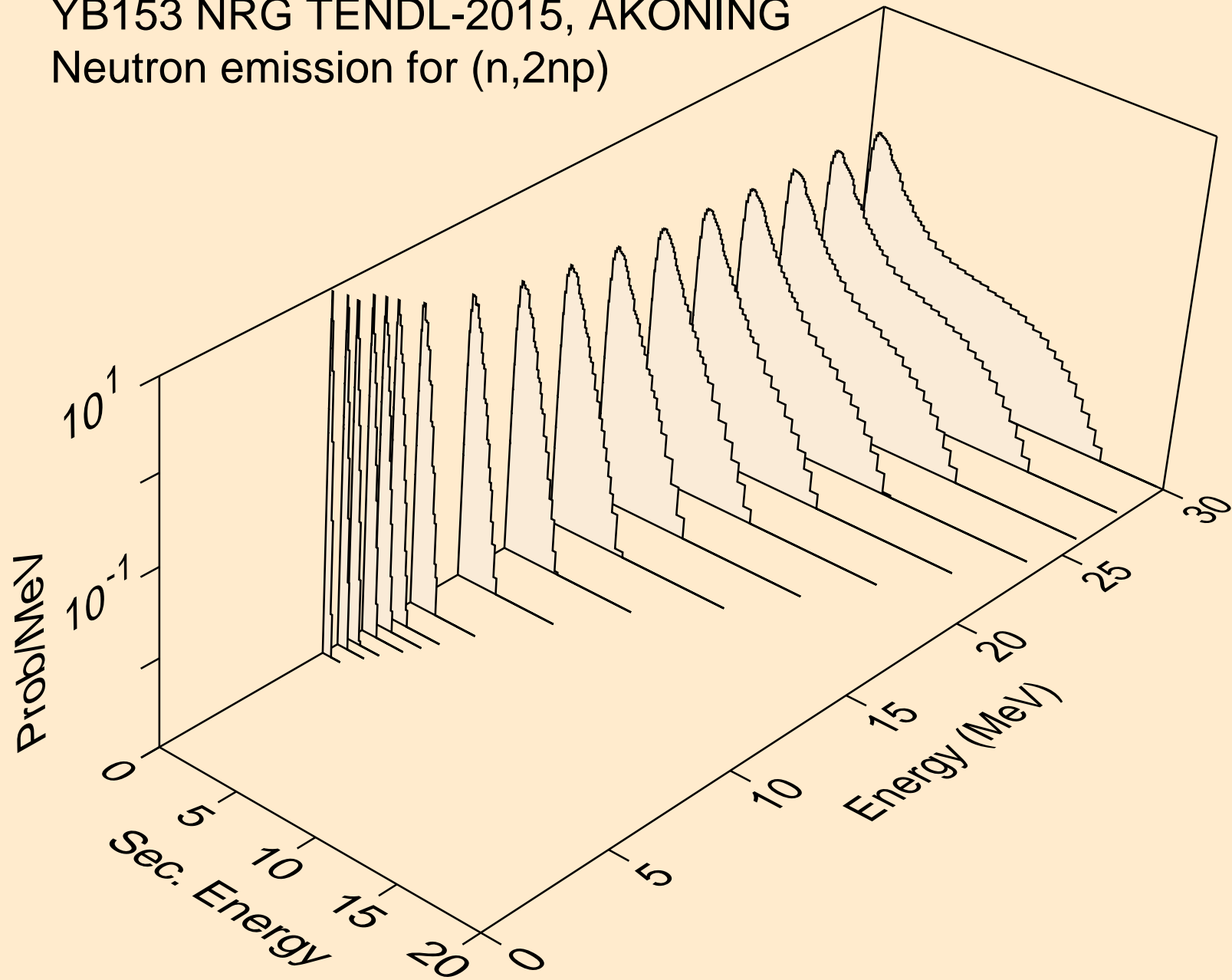
YB153 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



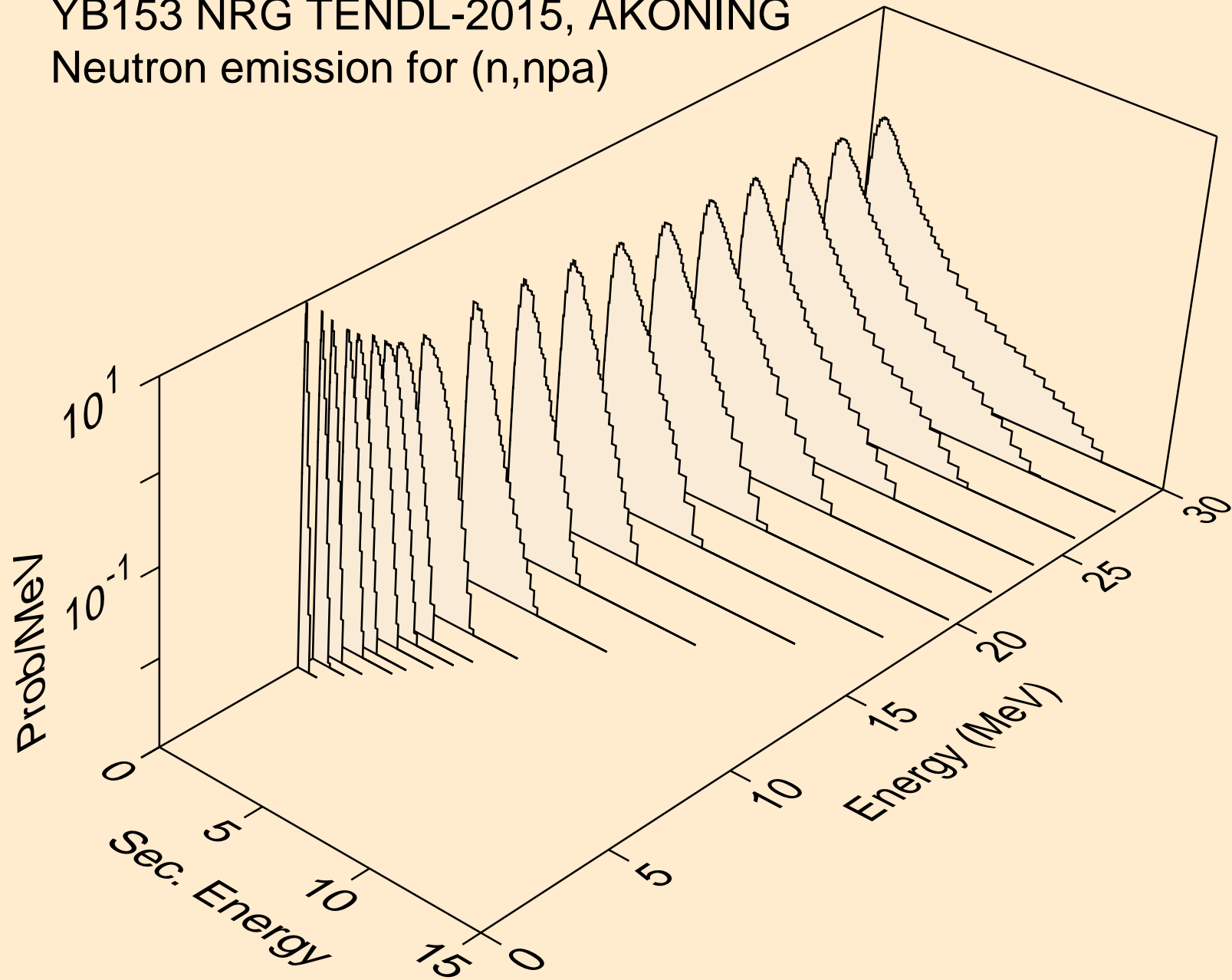
YB153 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



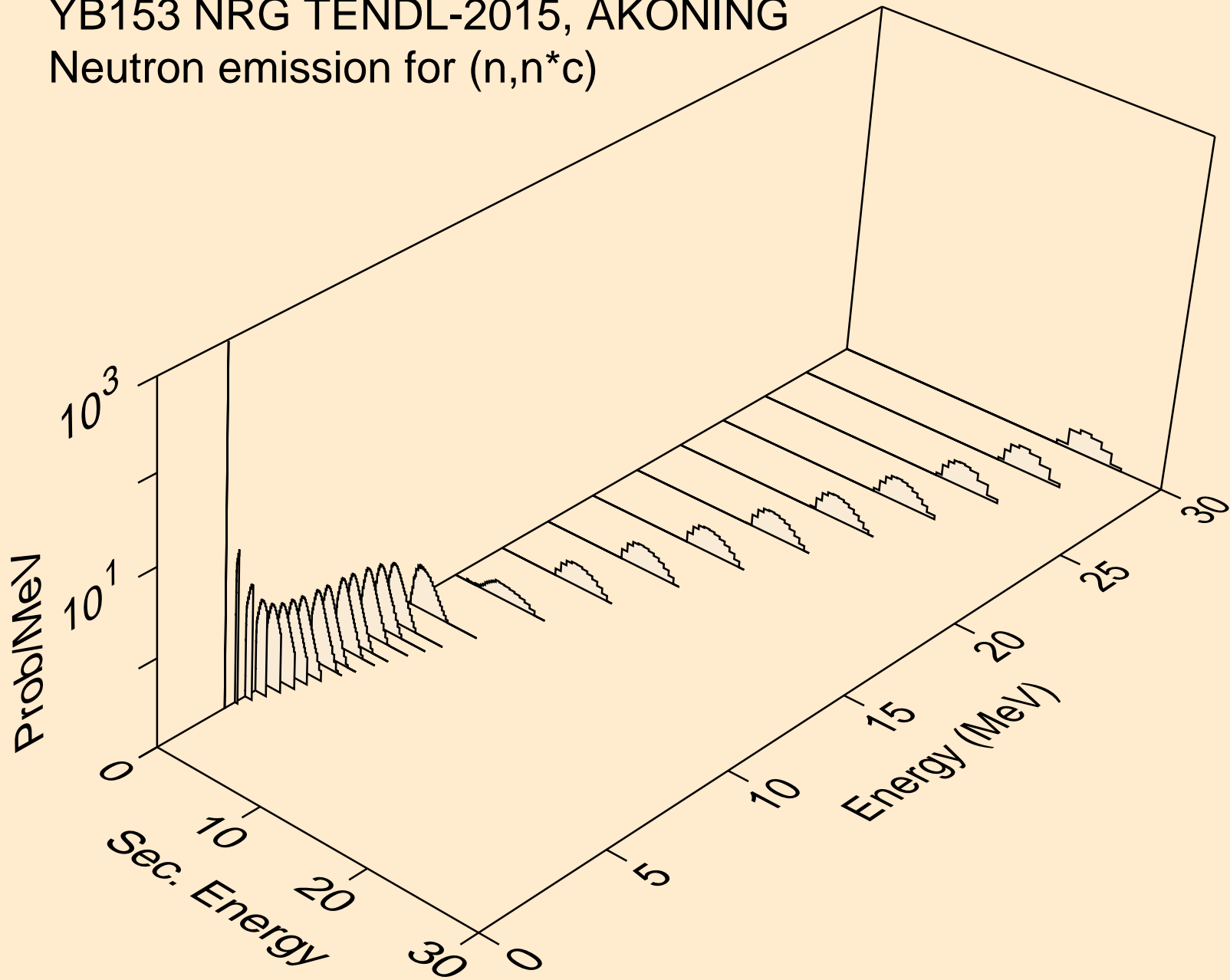
YB153 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



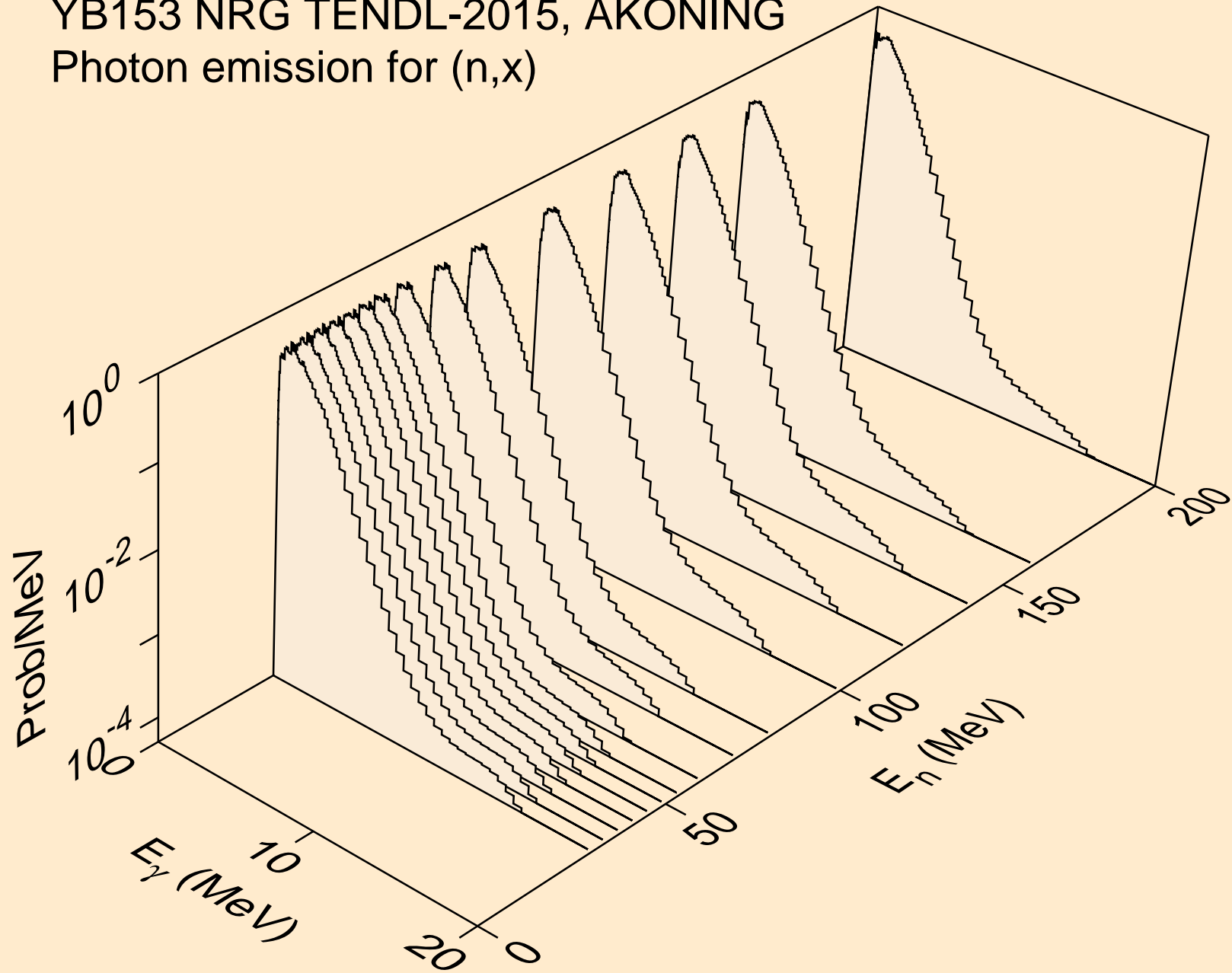
YB153 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



YB153 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)

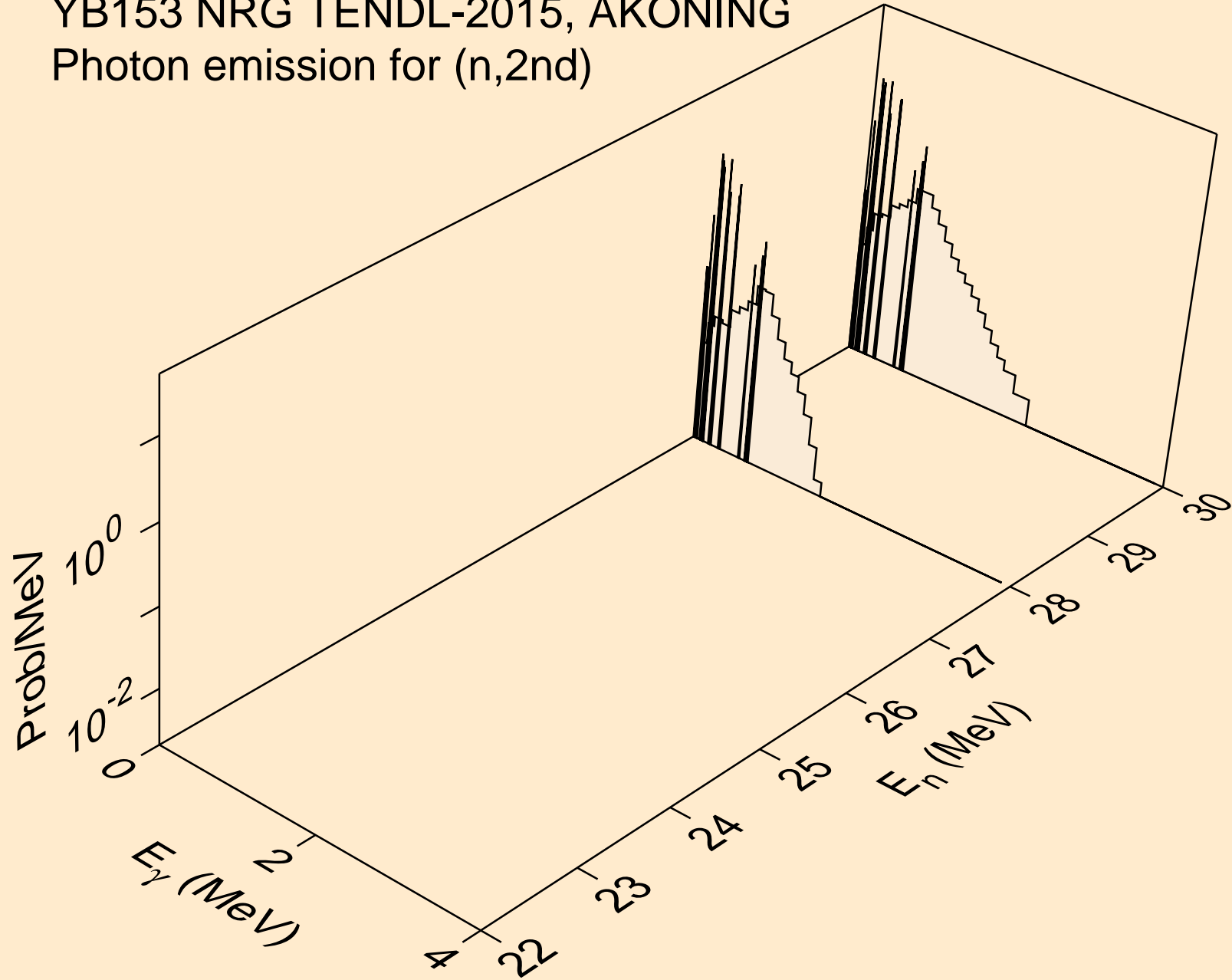


YB153 NRG TENDL-2015, AKONING  
Photon emission for (n,x)

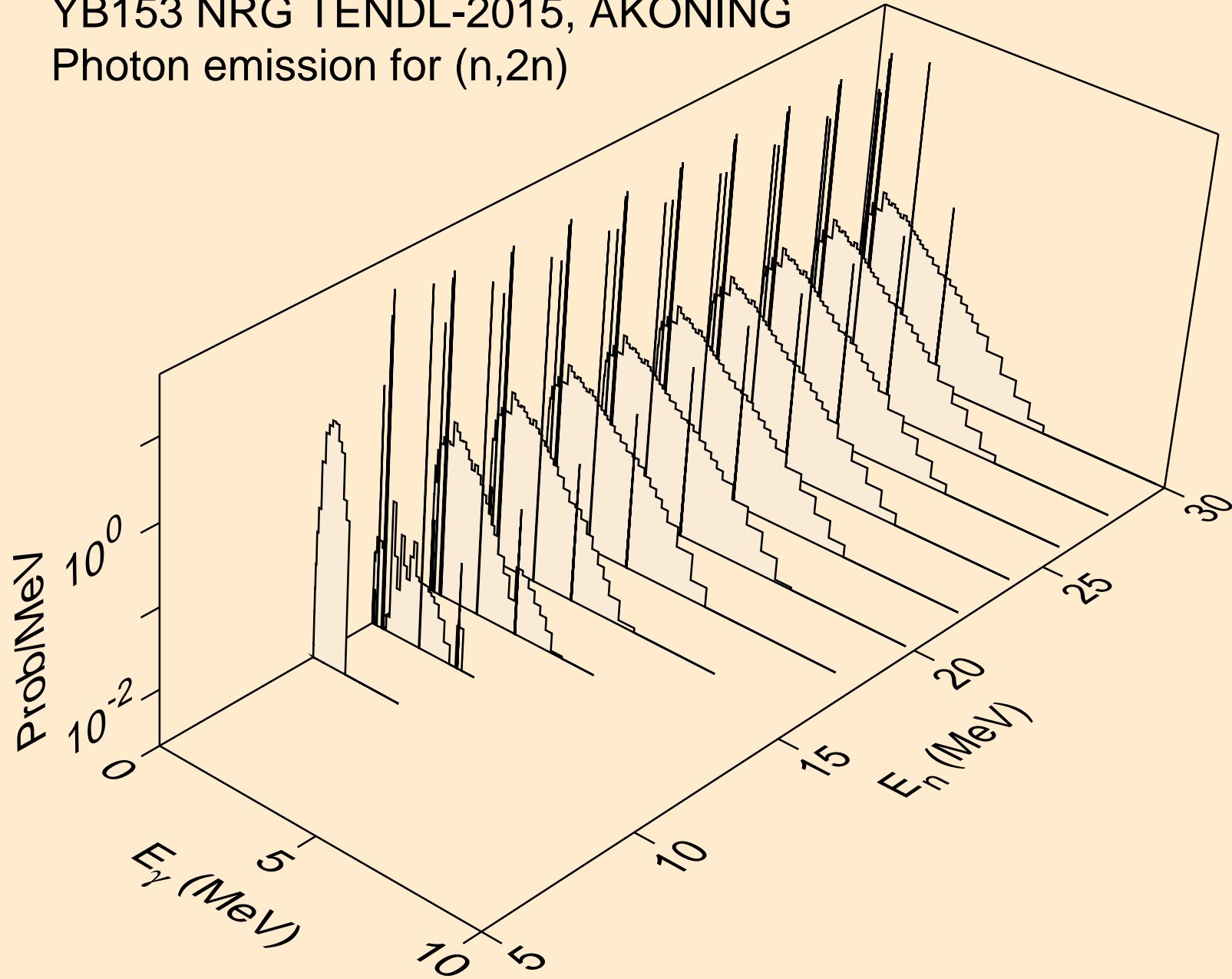




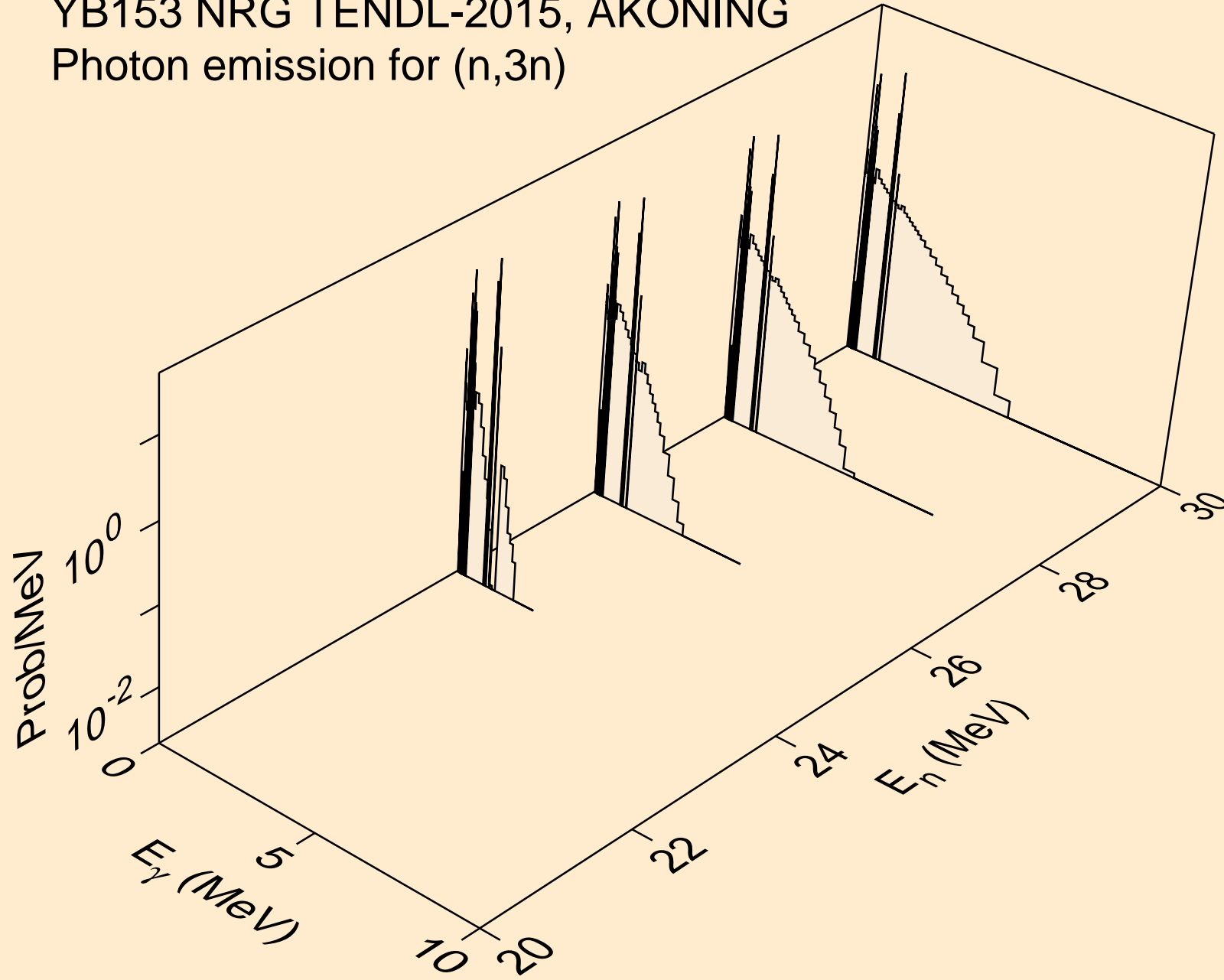
YB153 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



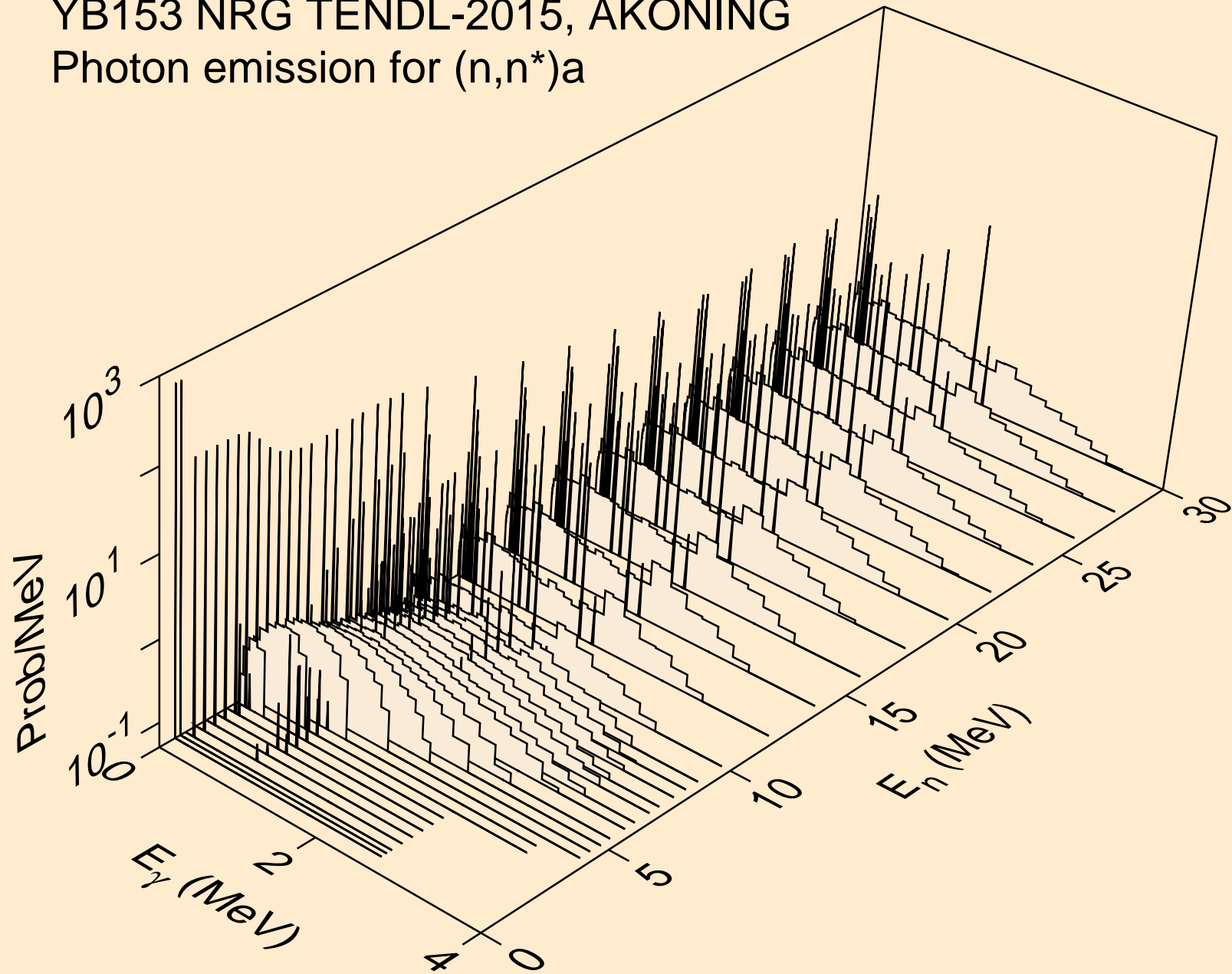
YB153 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



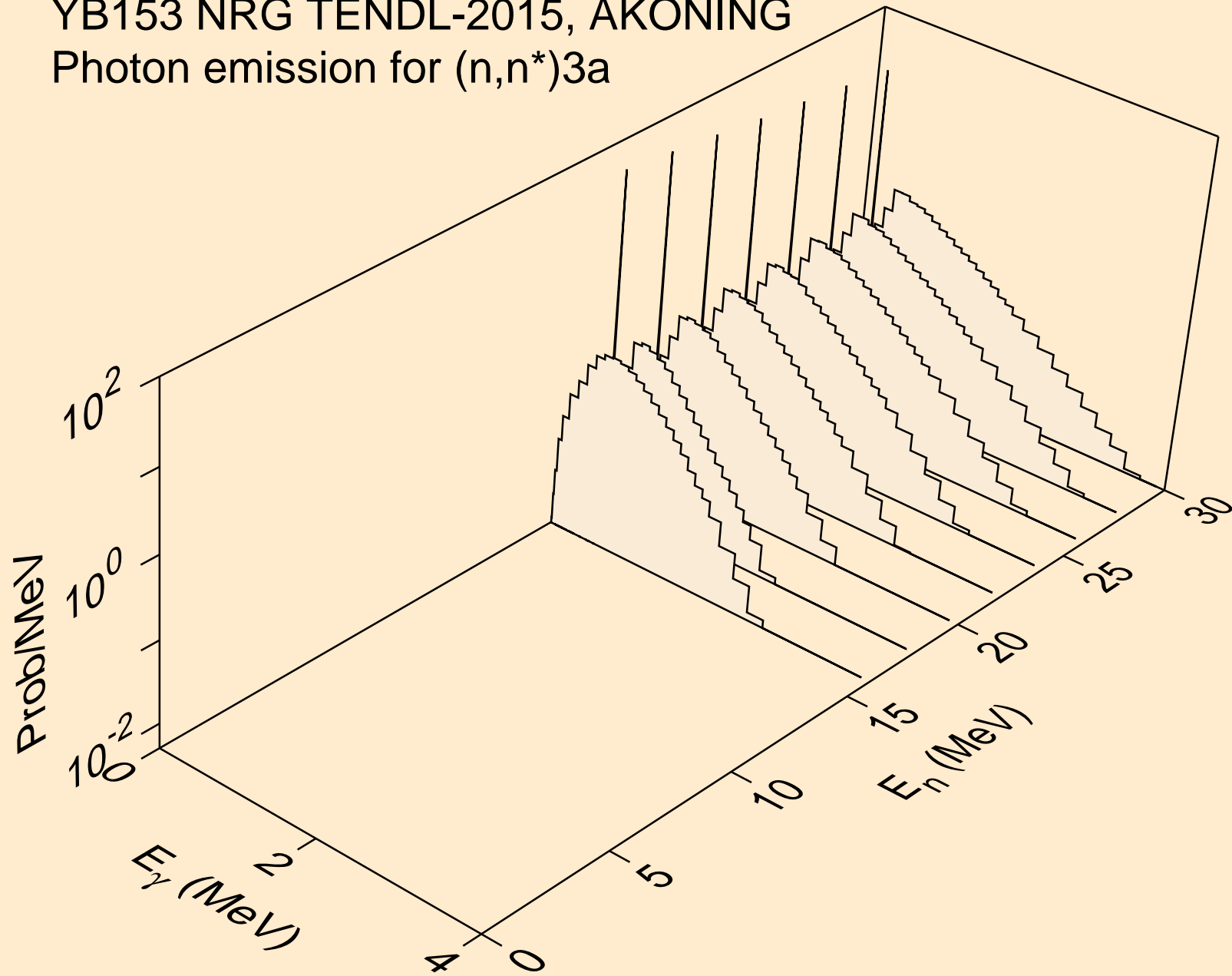
YB153 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



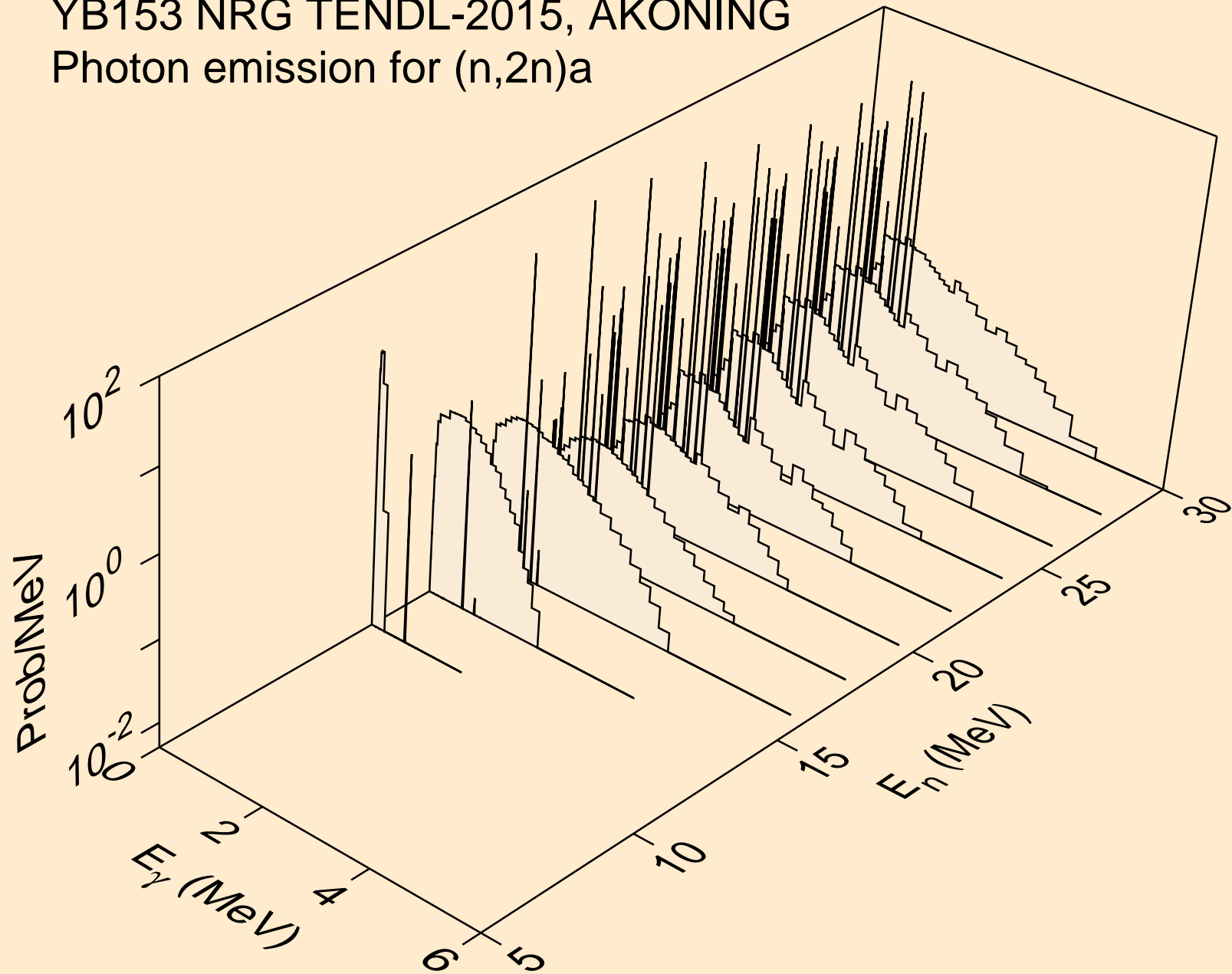
YB153 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



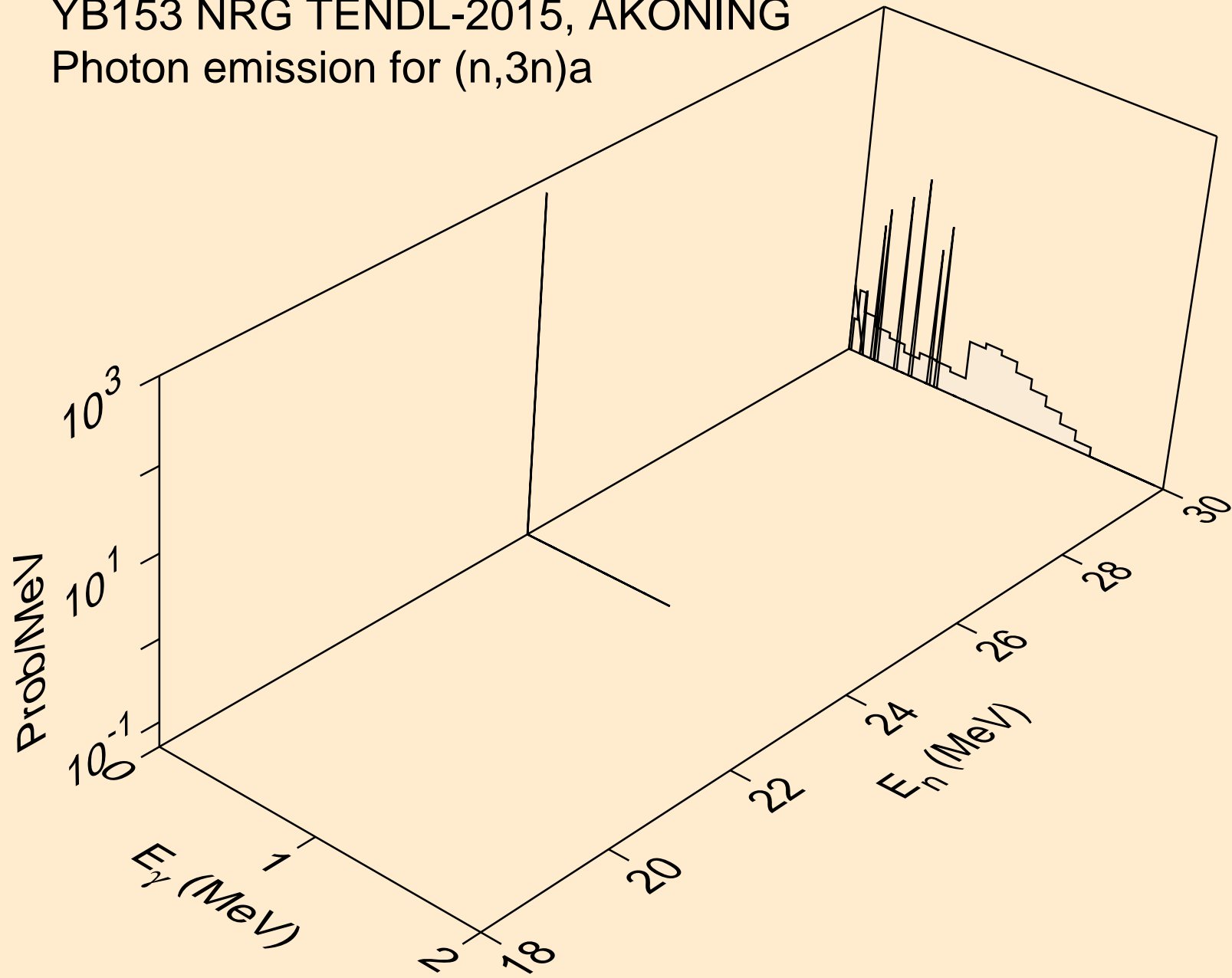
YB153 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)3a



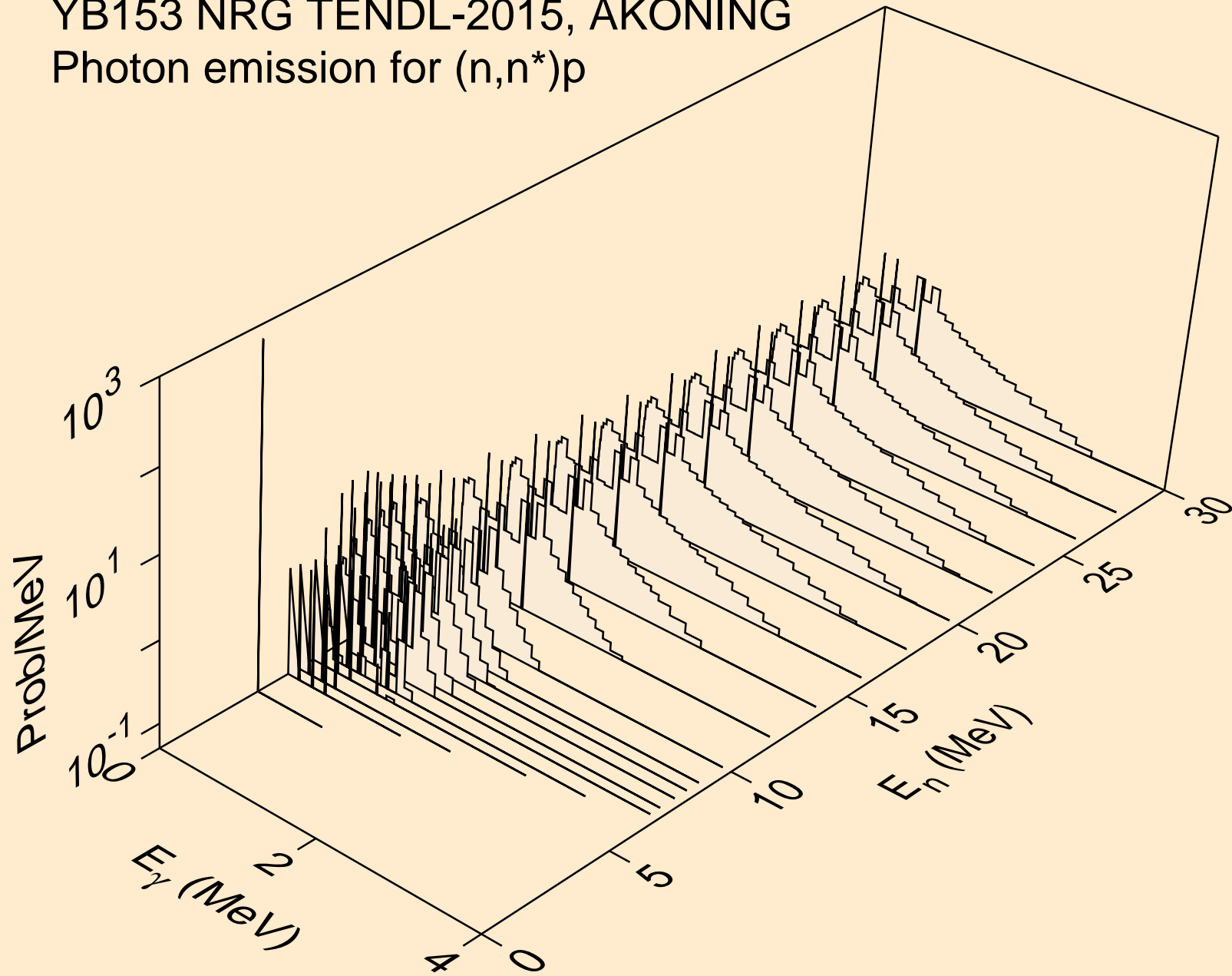
YB153 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



YB153 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a

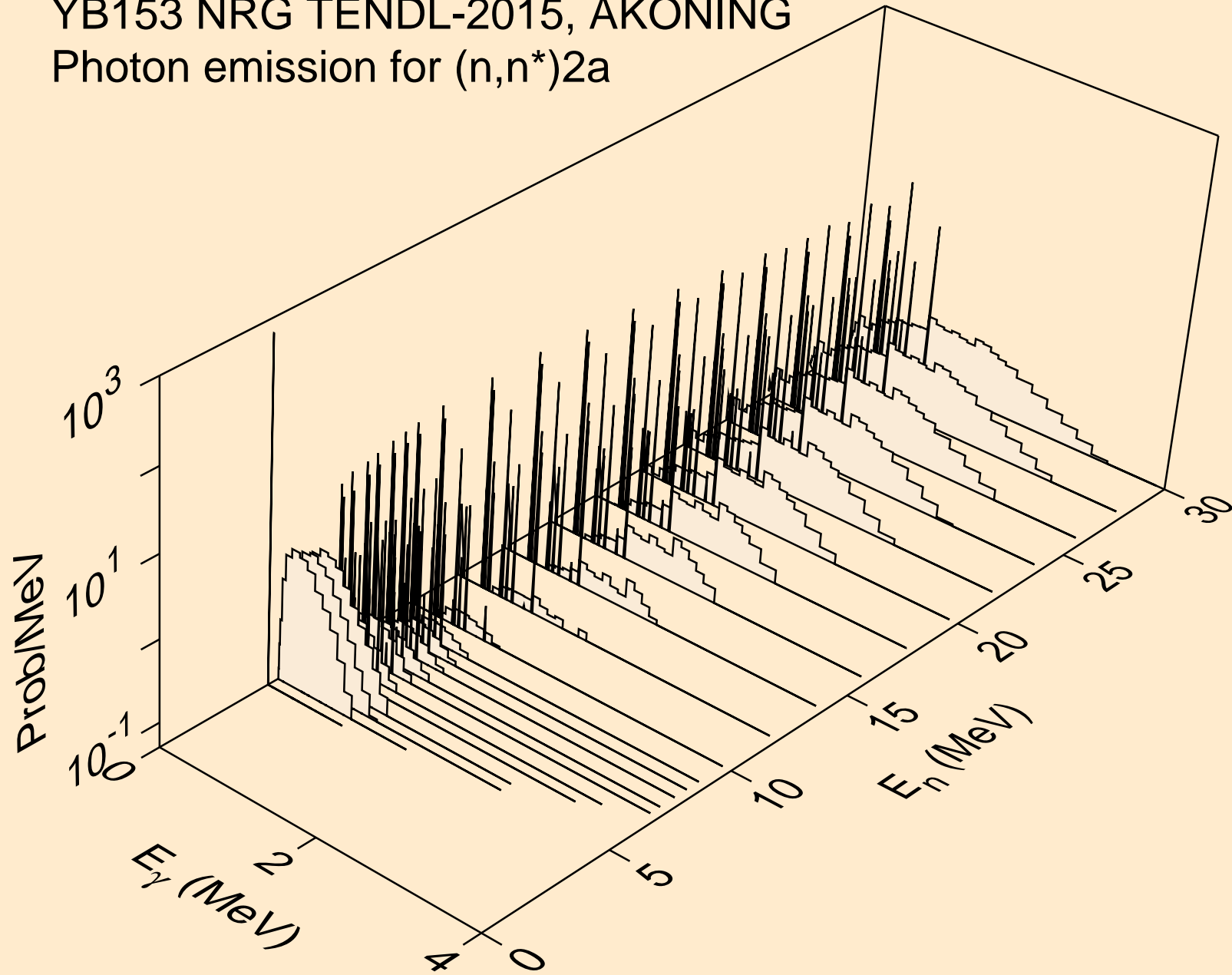


YB153 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p

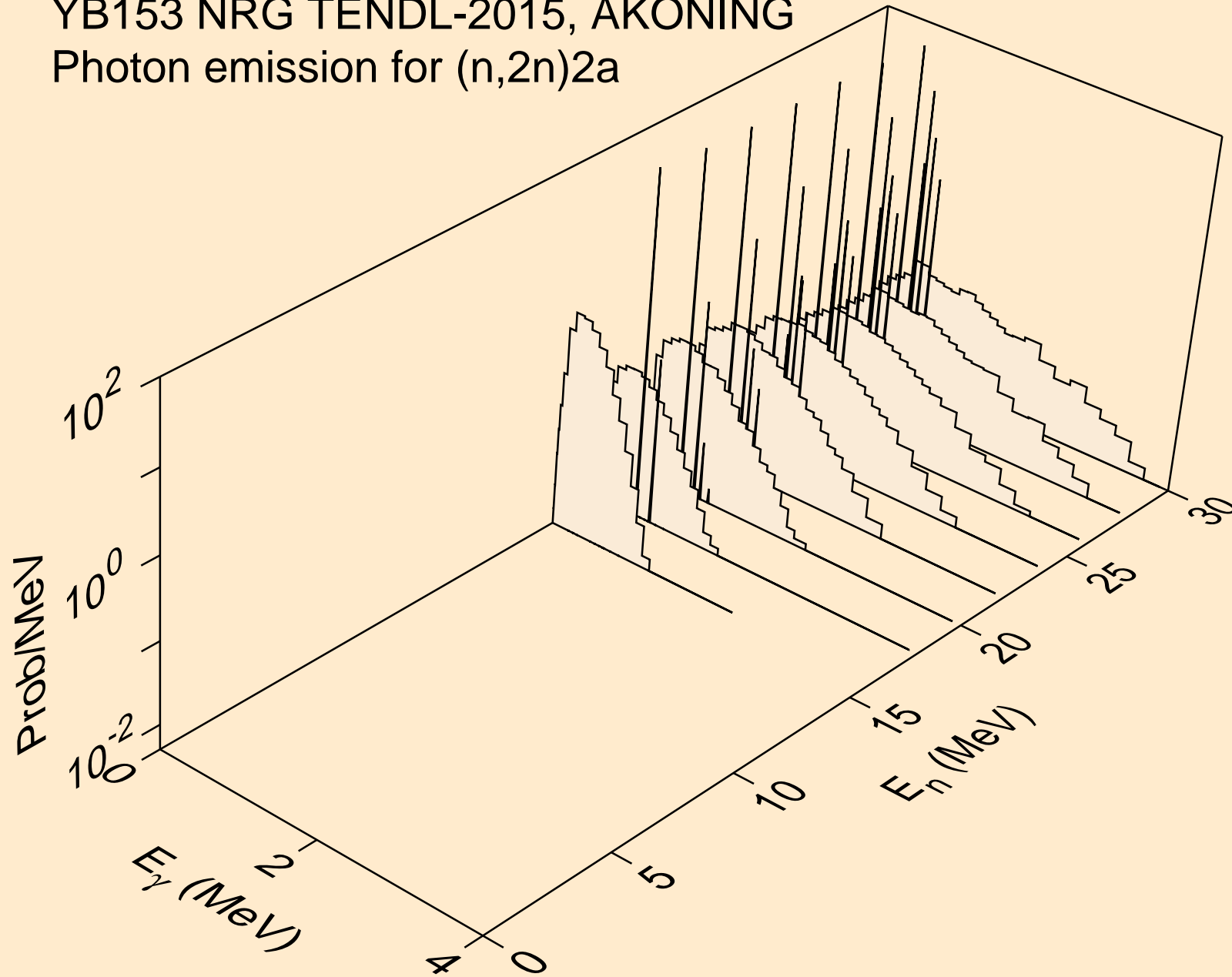




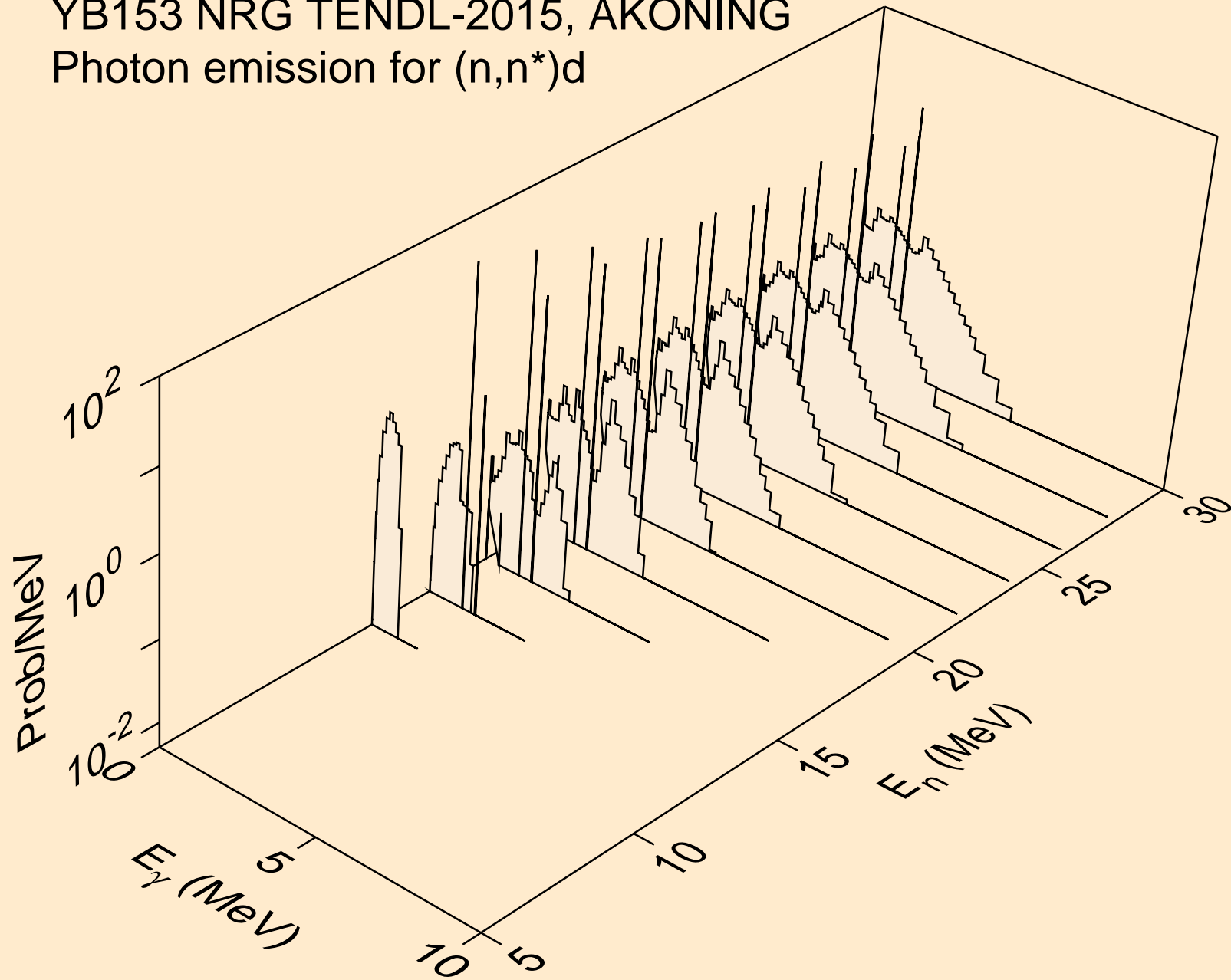
YB153 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



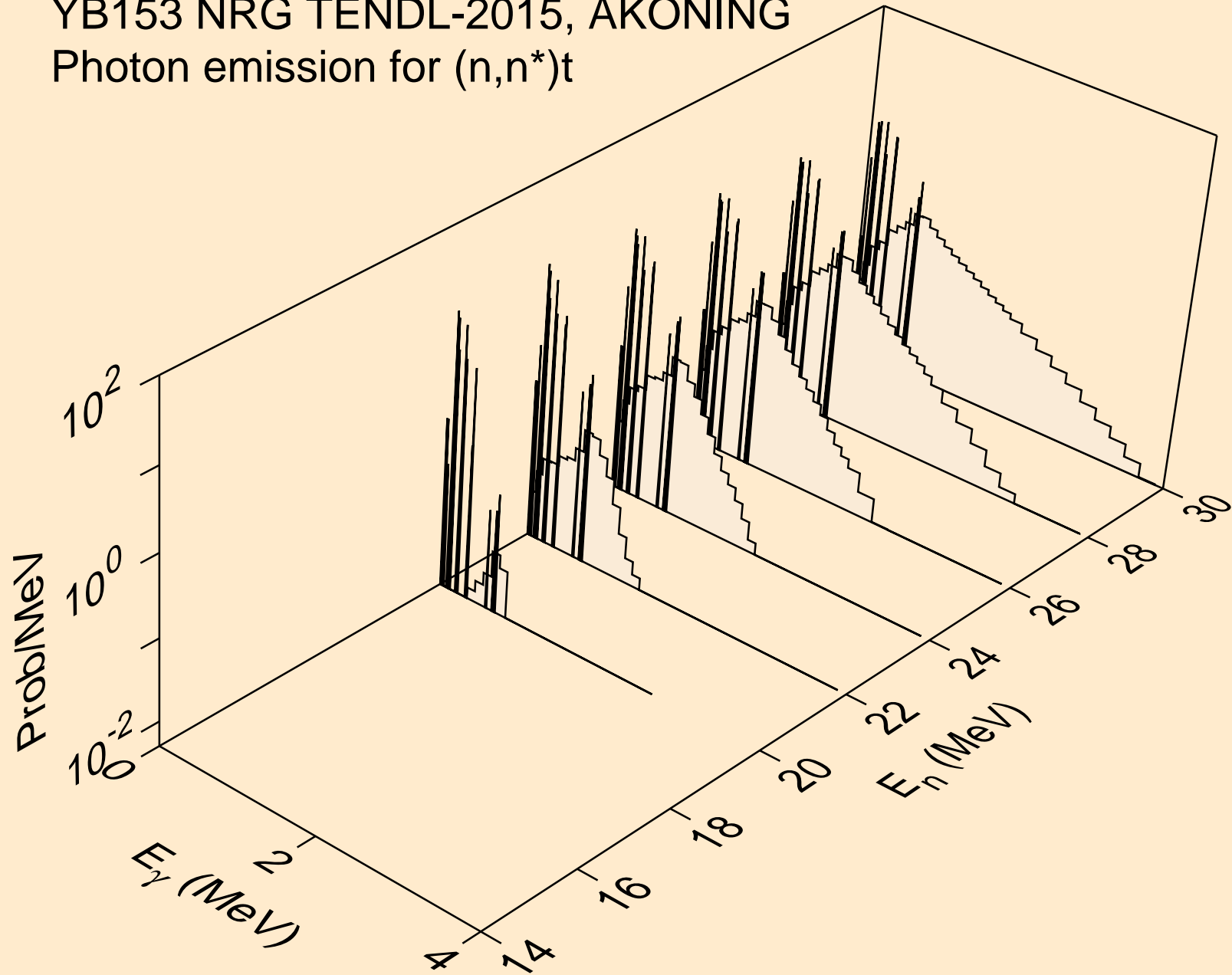
YB153 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



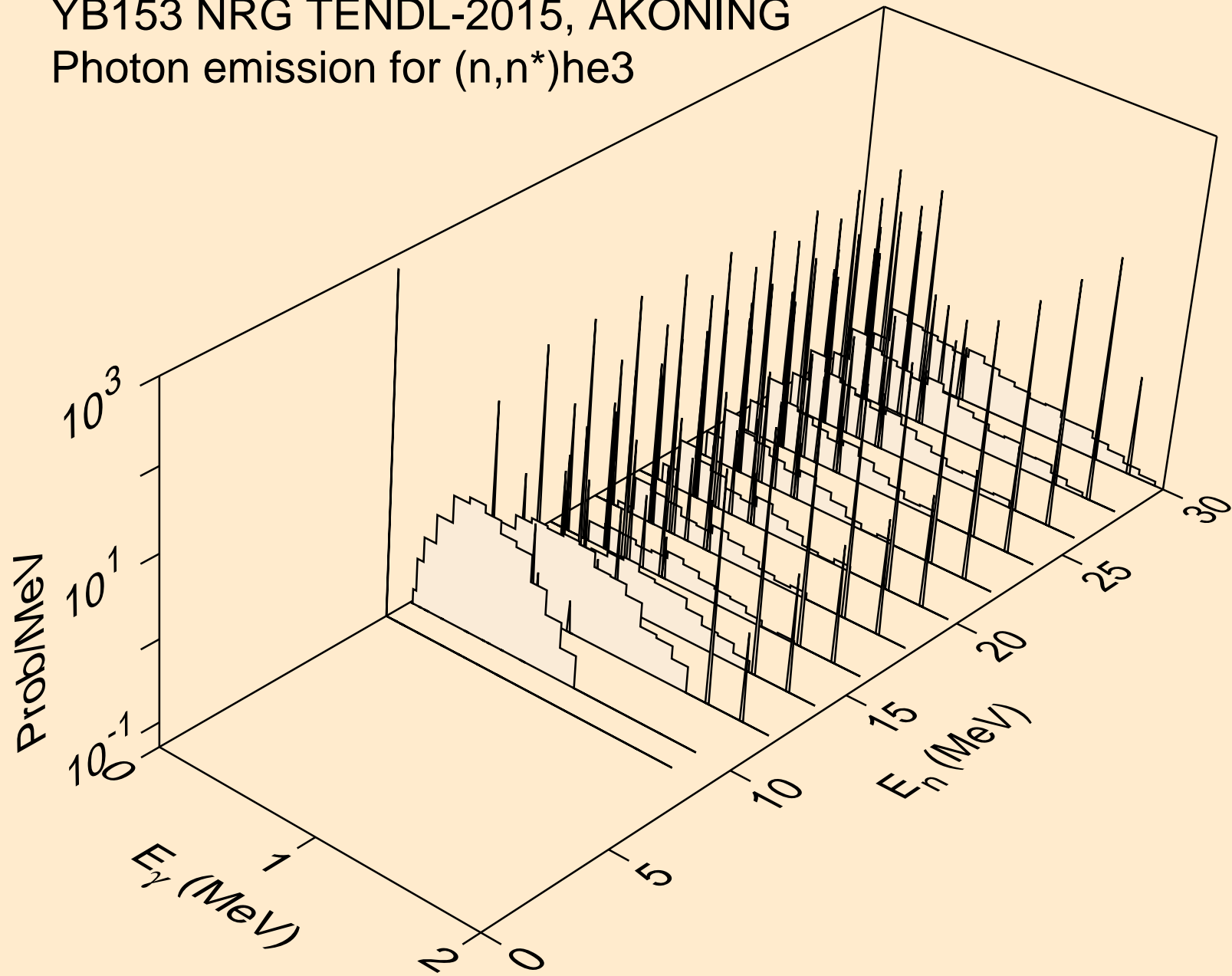
YB153 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



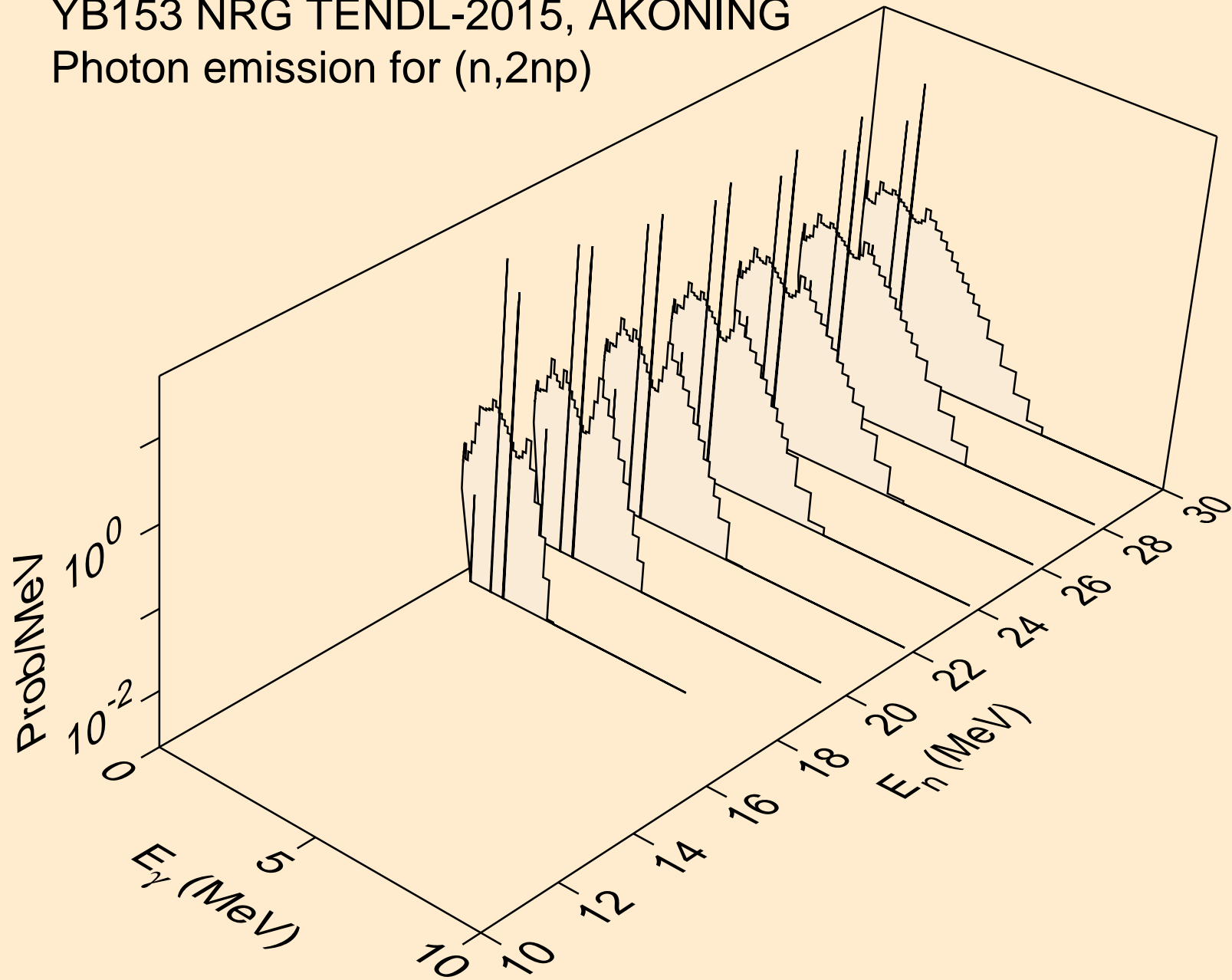
YB153 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



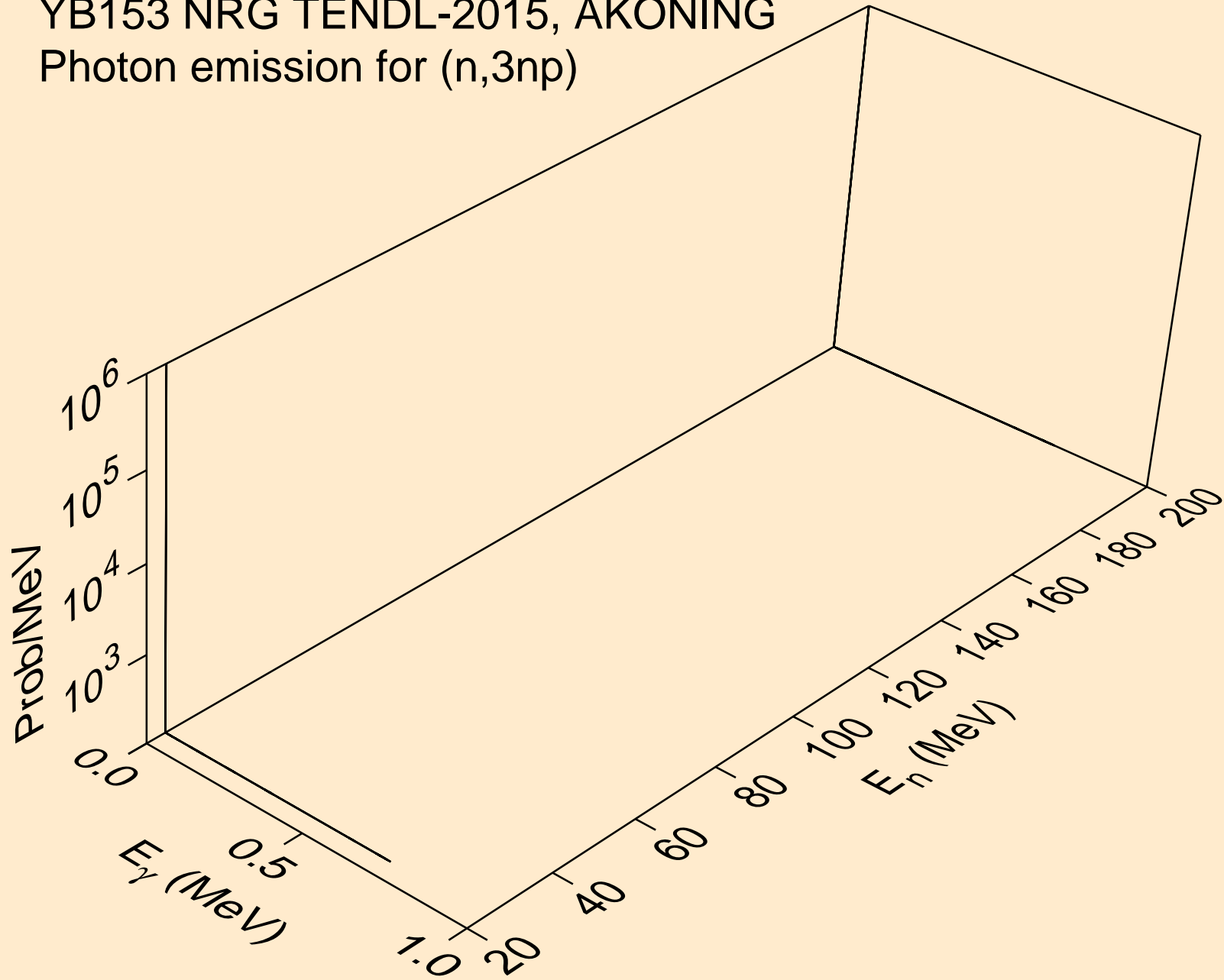
YB153 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



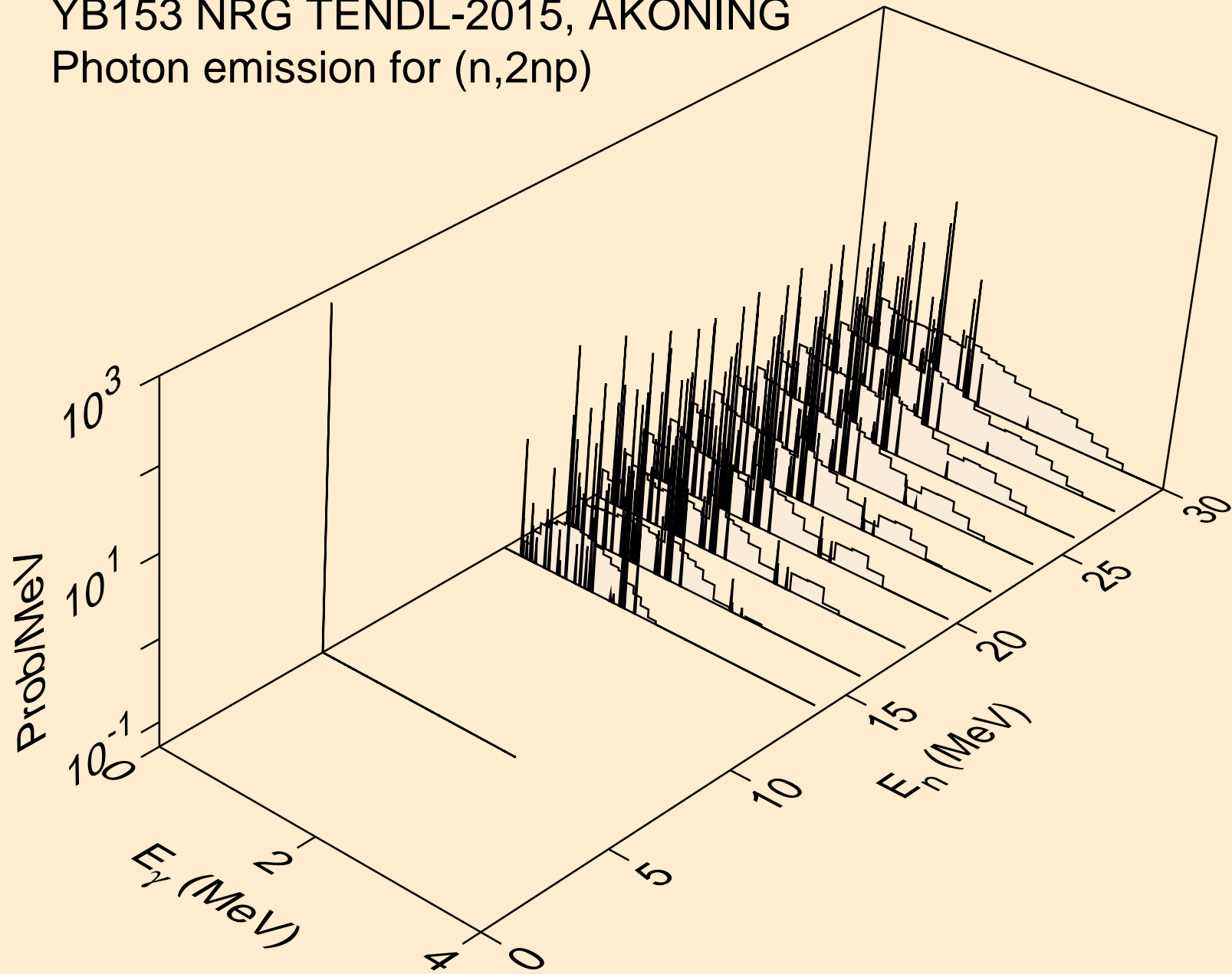
YB153 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



YB153 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)

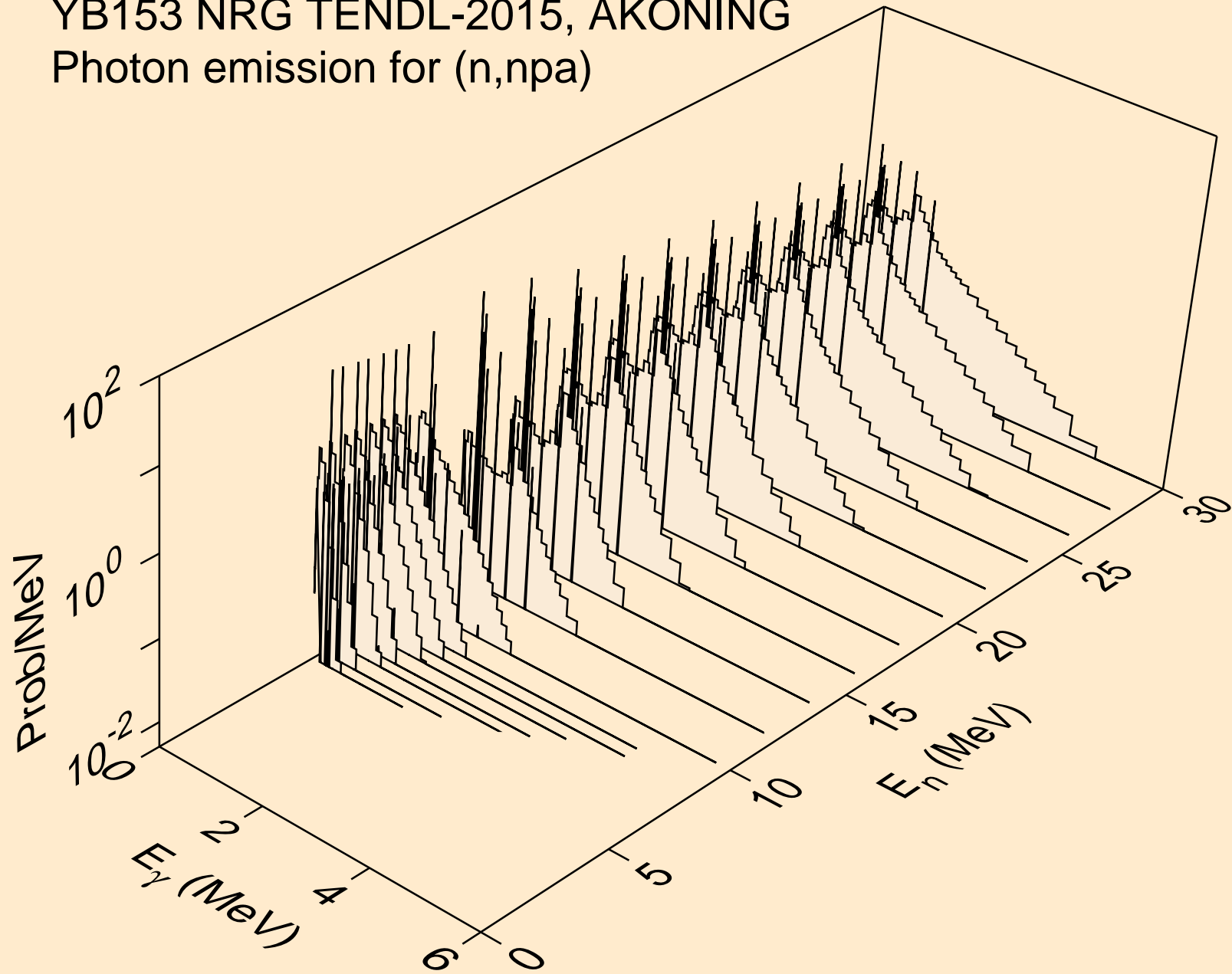


YB153 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

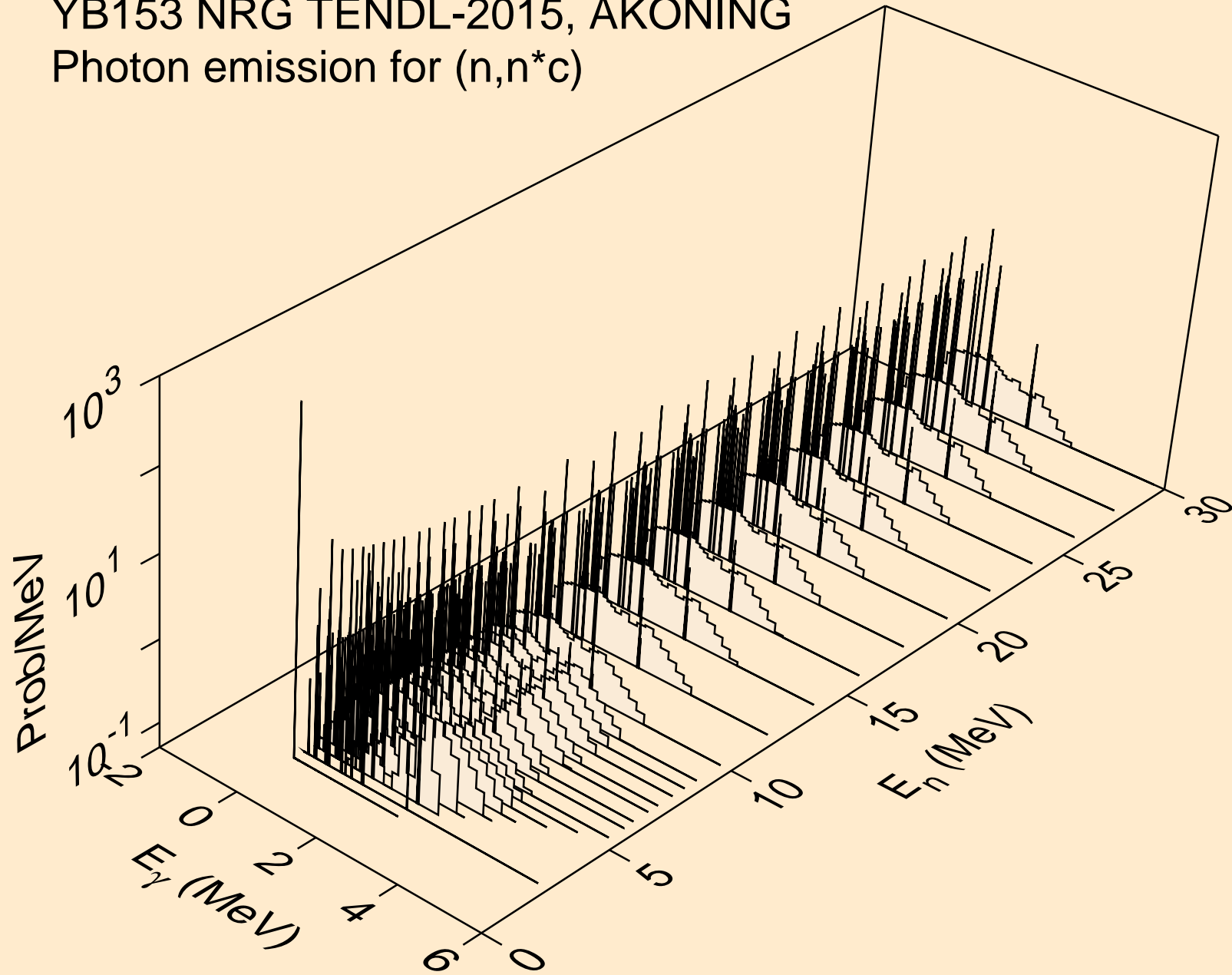




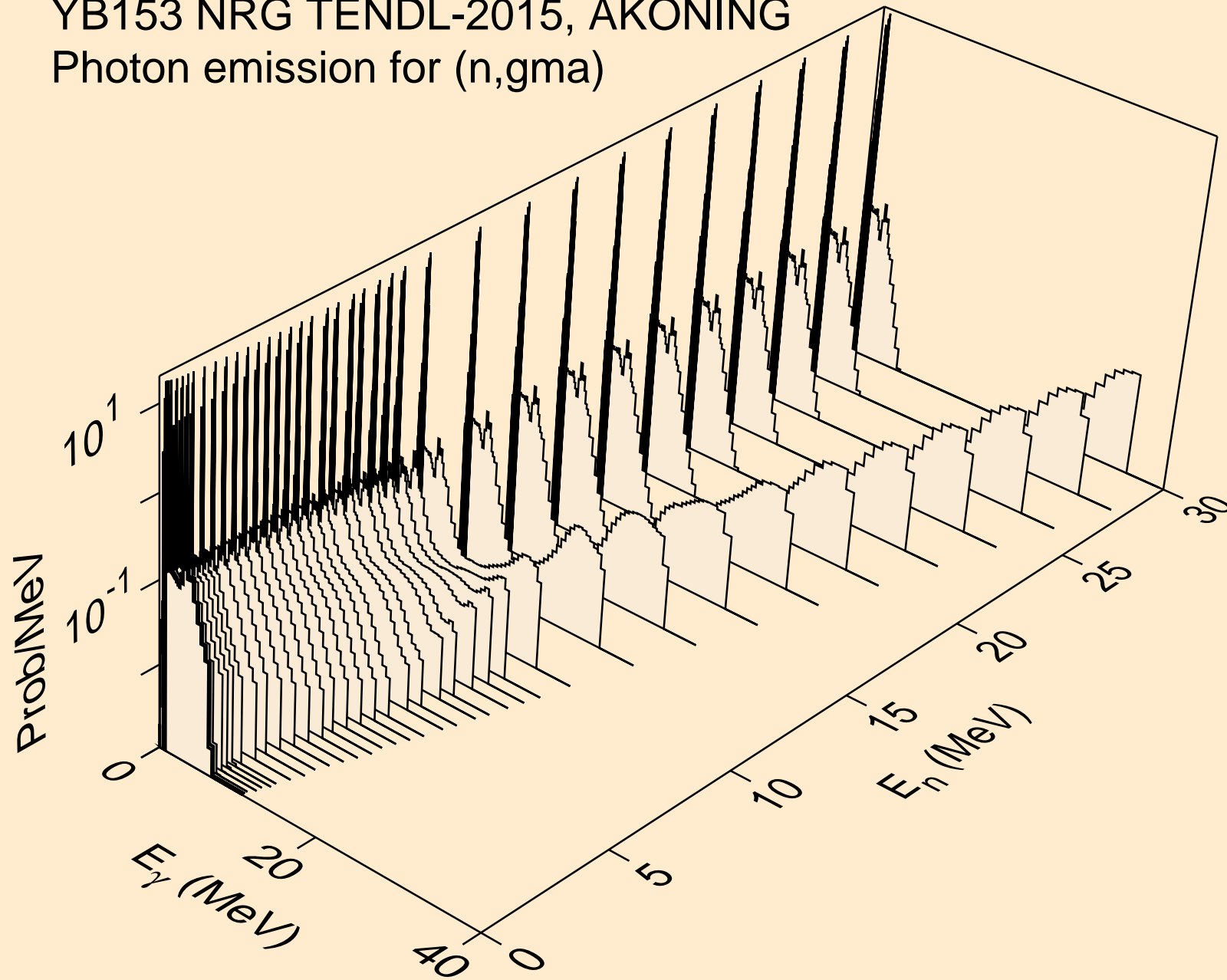
YB153 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



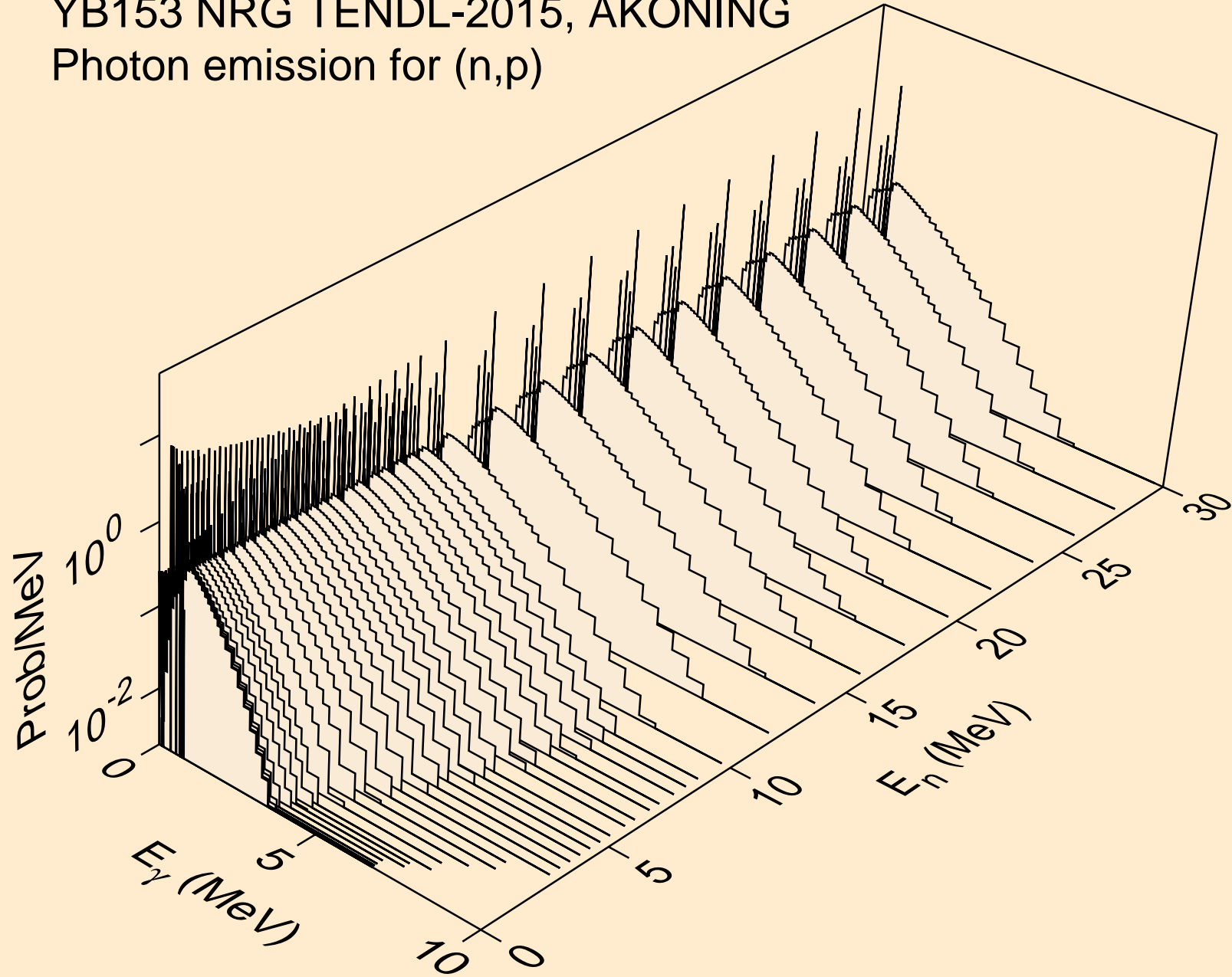
YB153 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



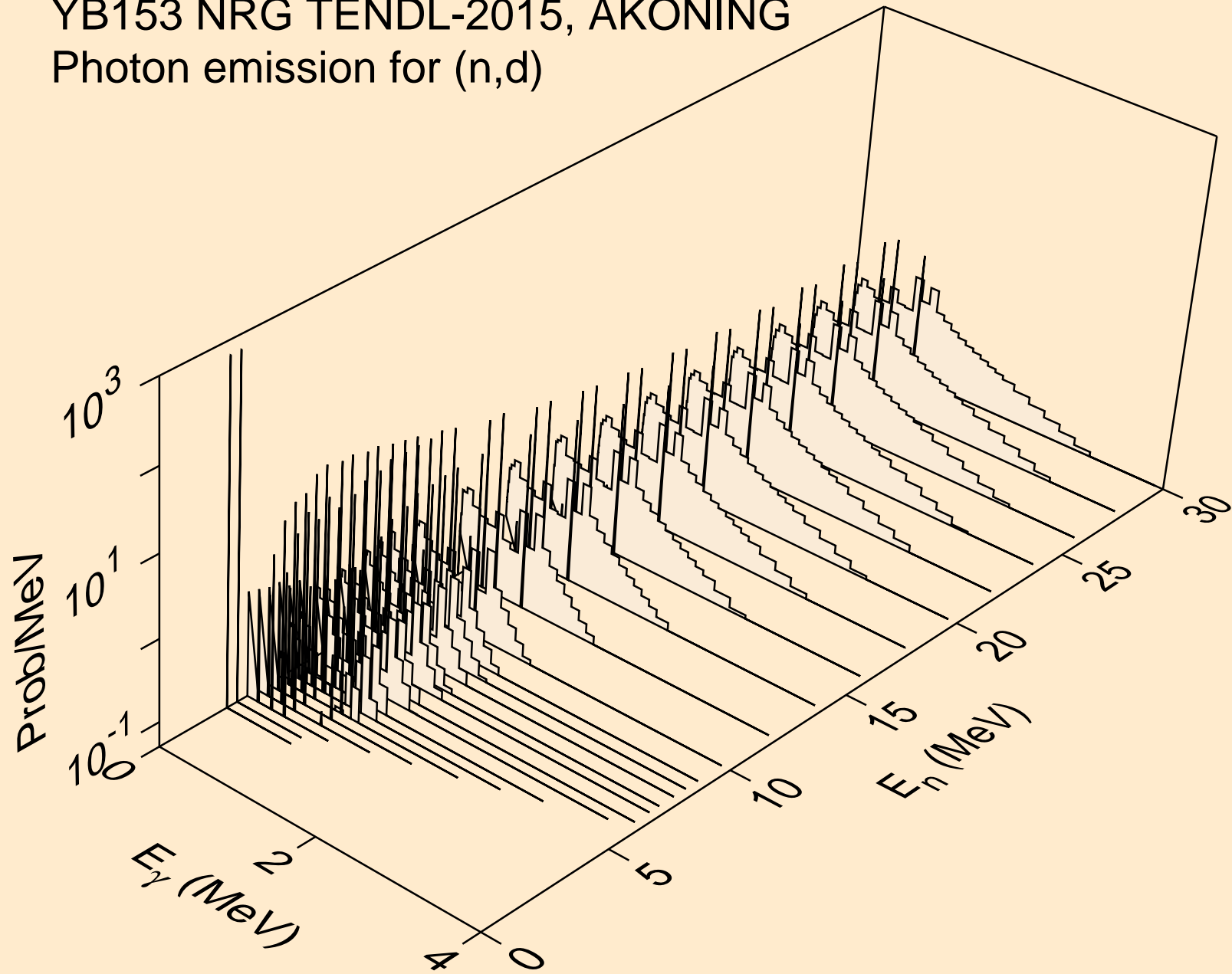
YB153 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



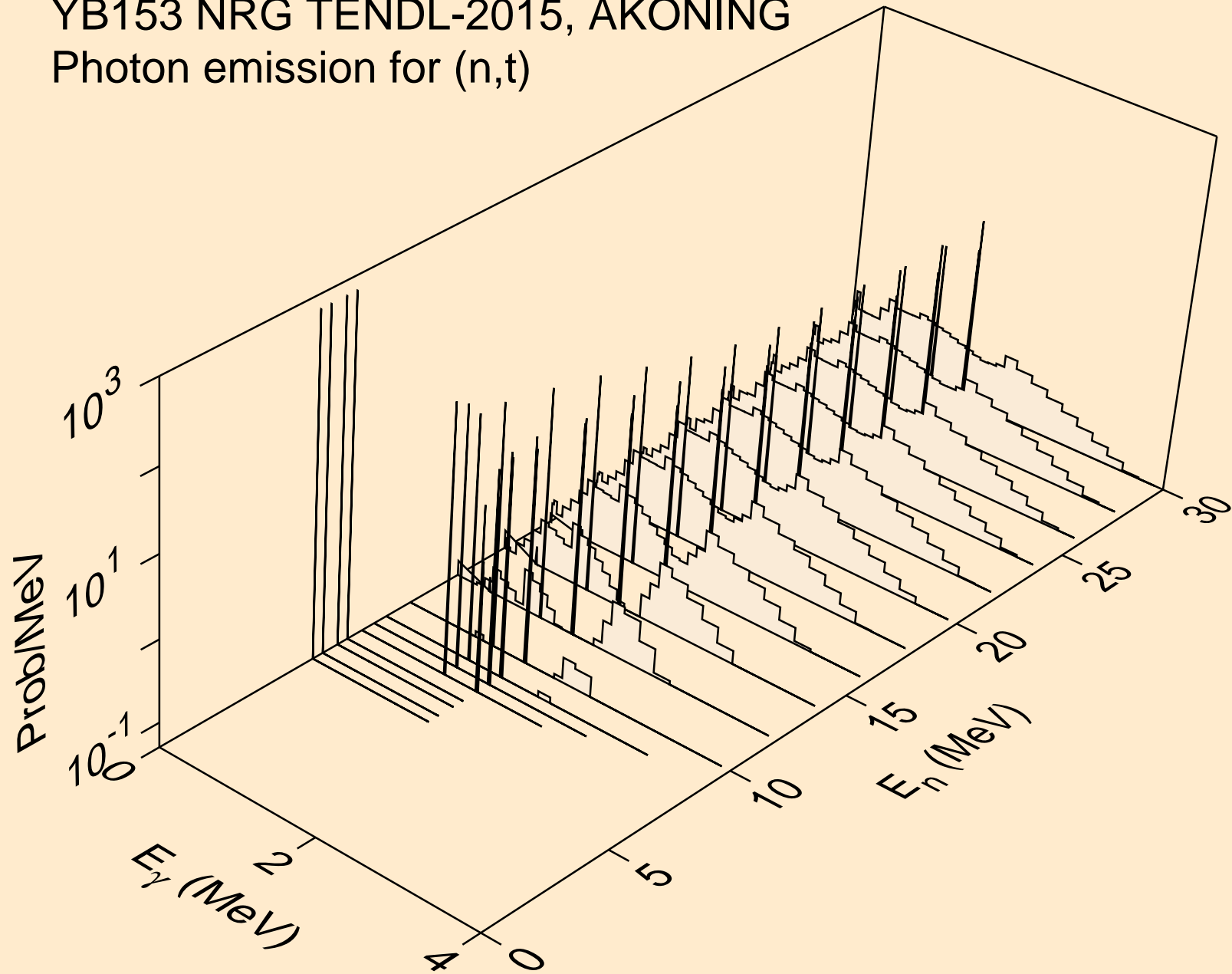
YB153 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



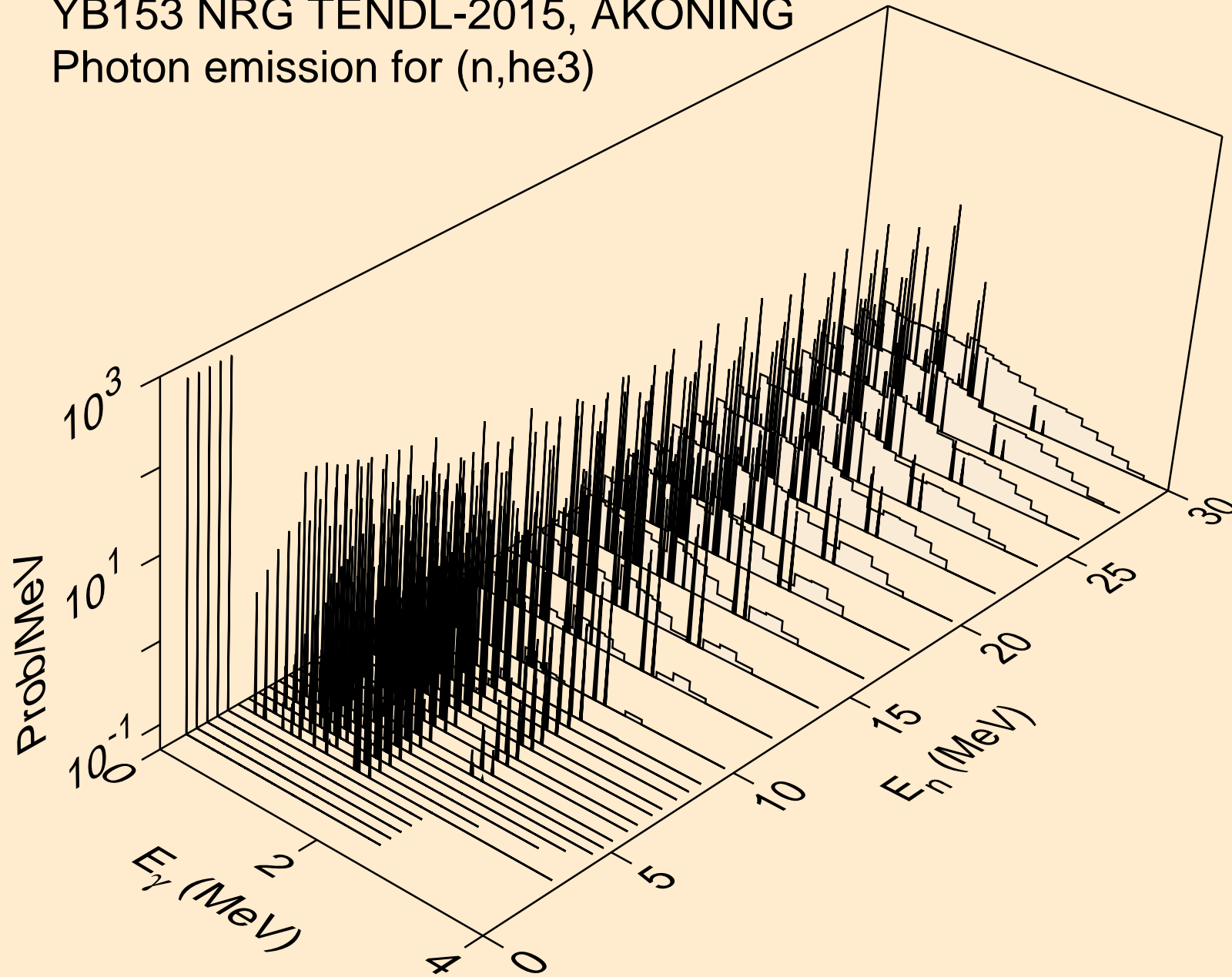
YB153 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



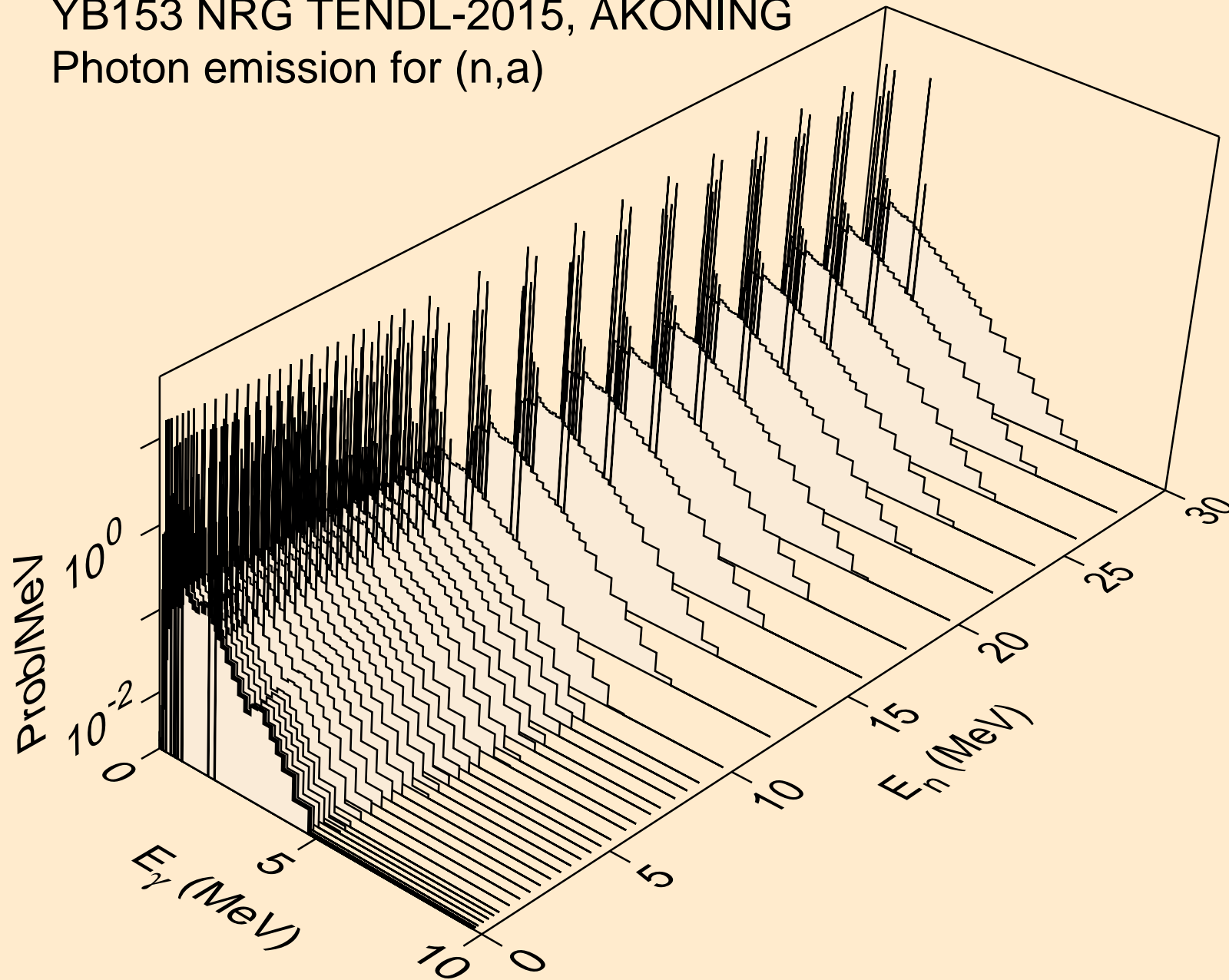
YB153 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



YB153 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)

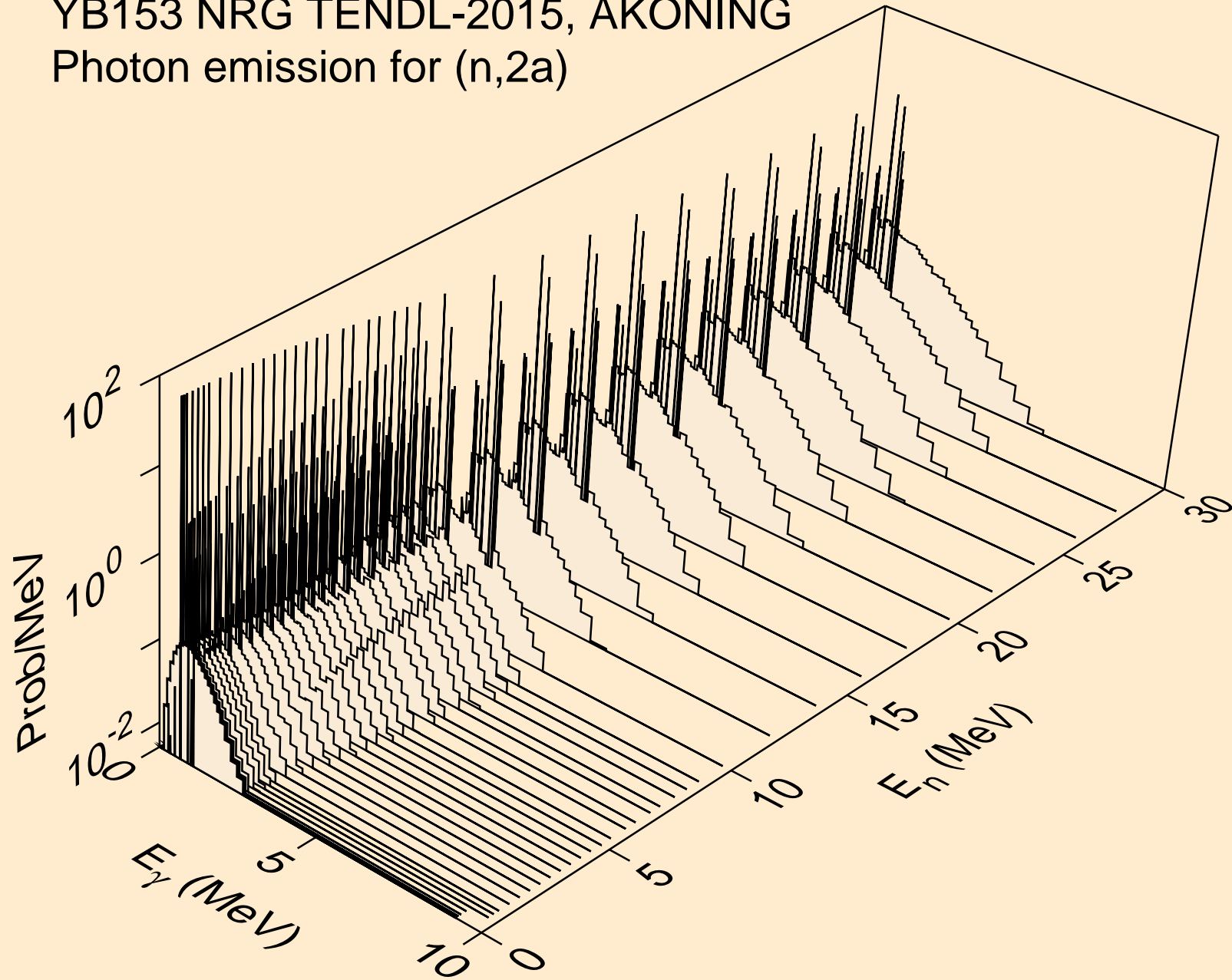


YB153 NRG TENDL-2015, AKONING  
Photon emission for (n,a)

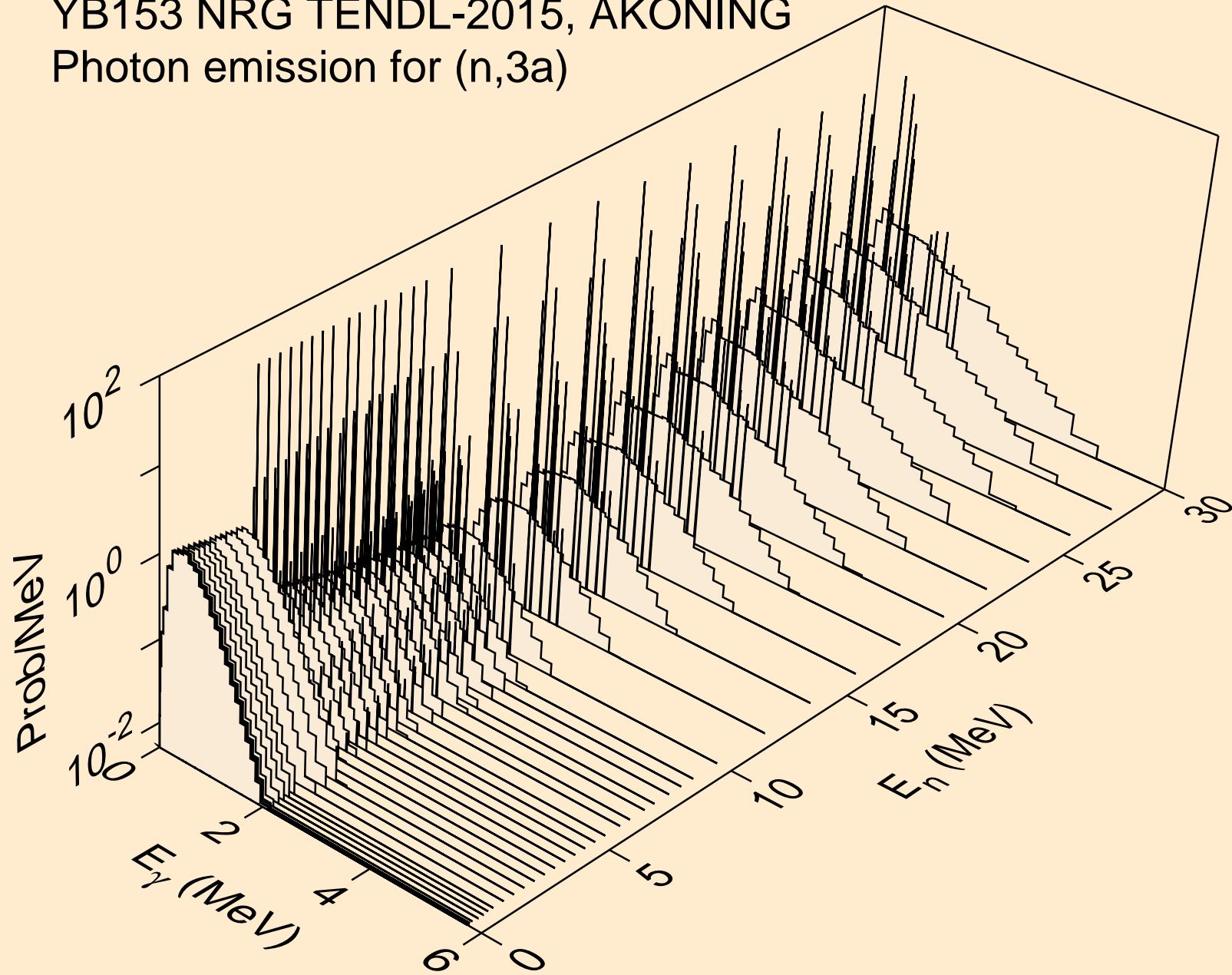




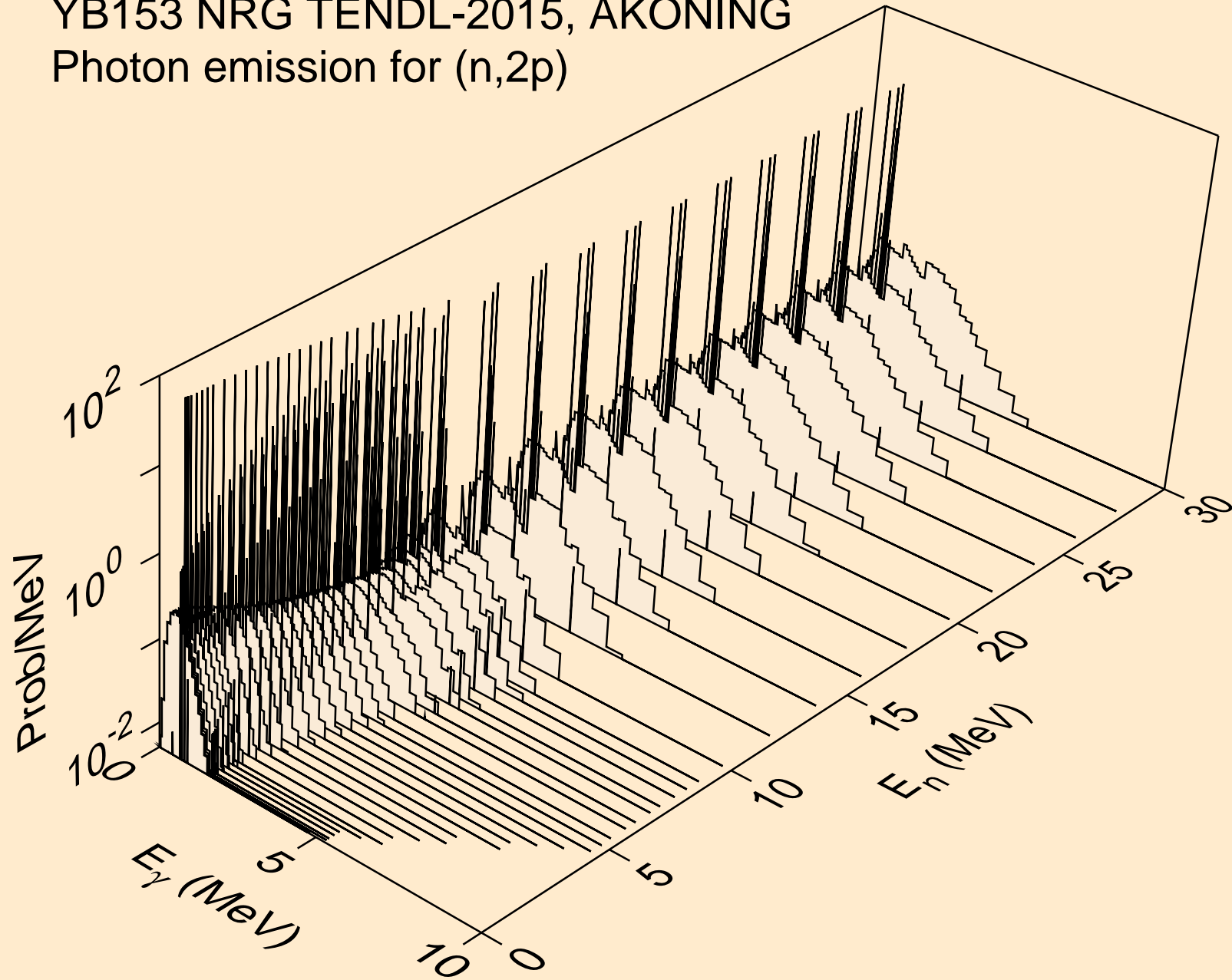
YB153 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



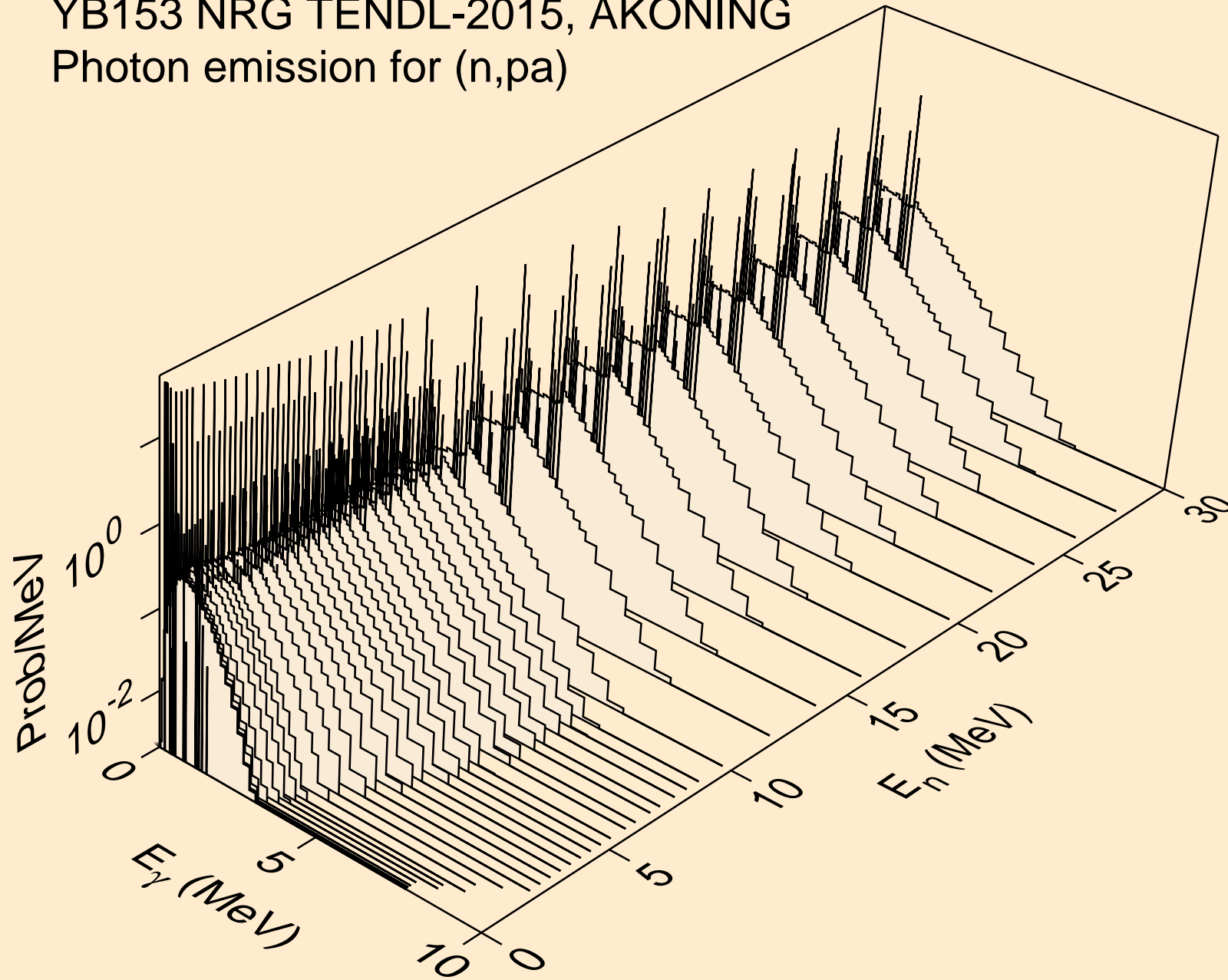
YB153 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)



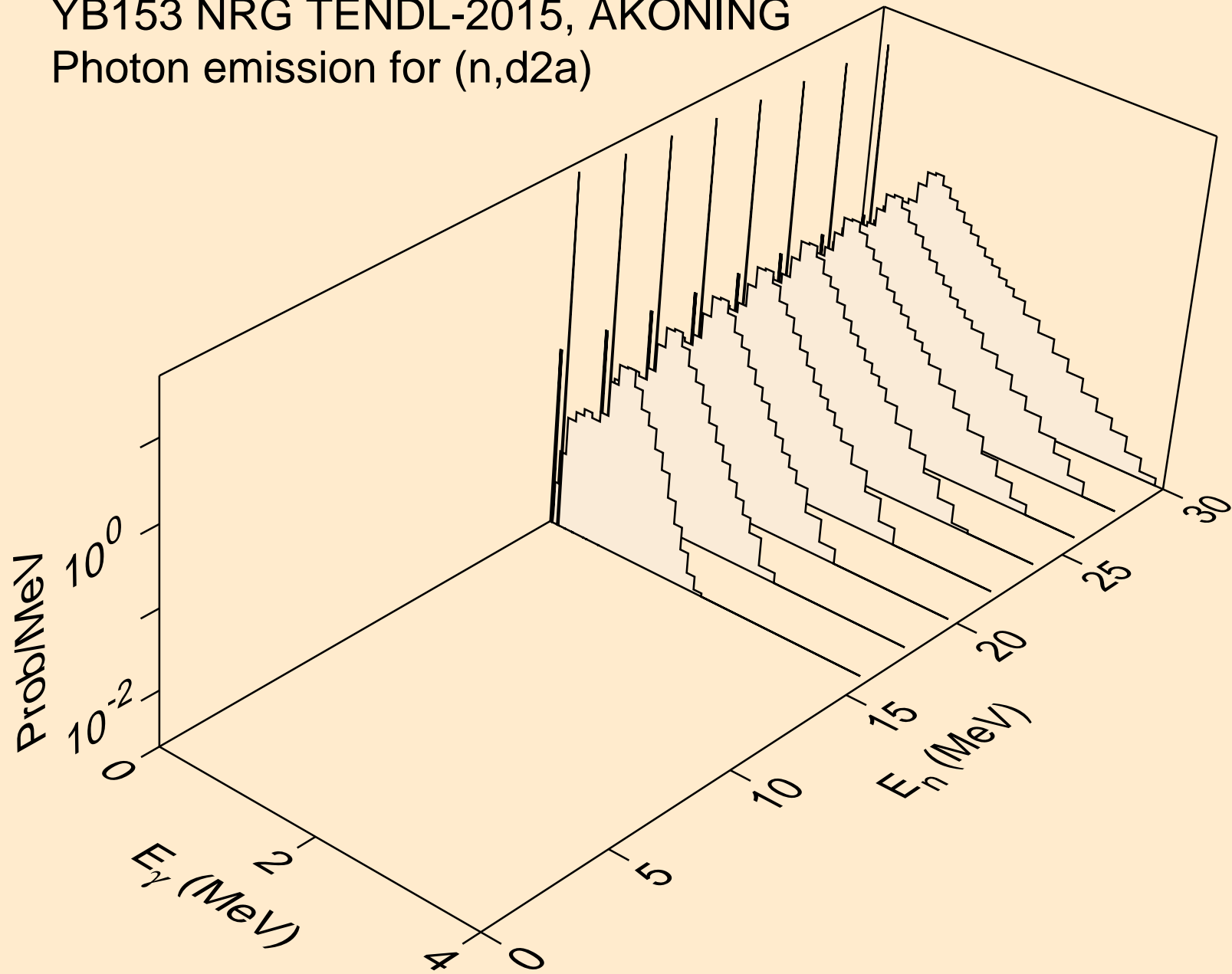
YB153 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



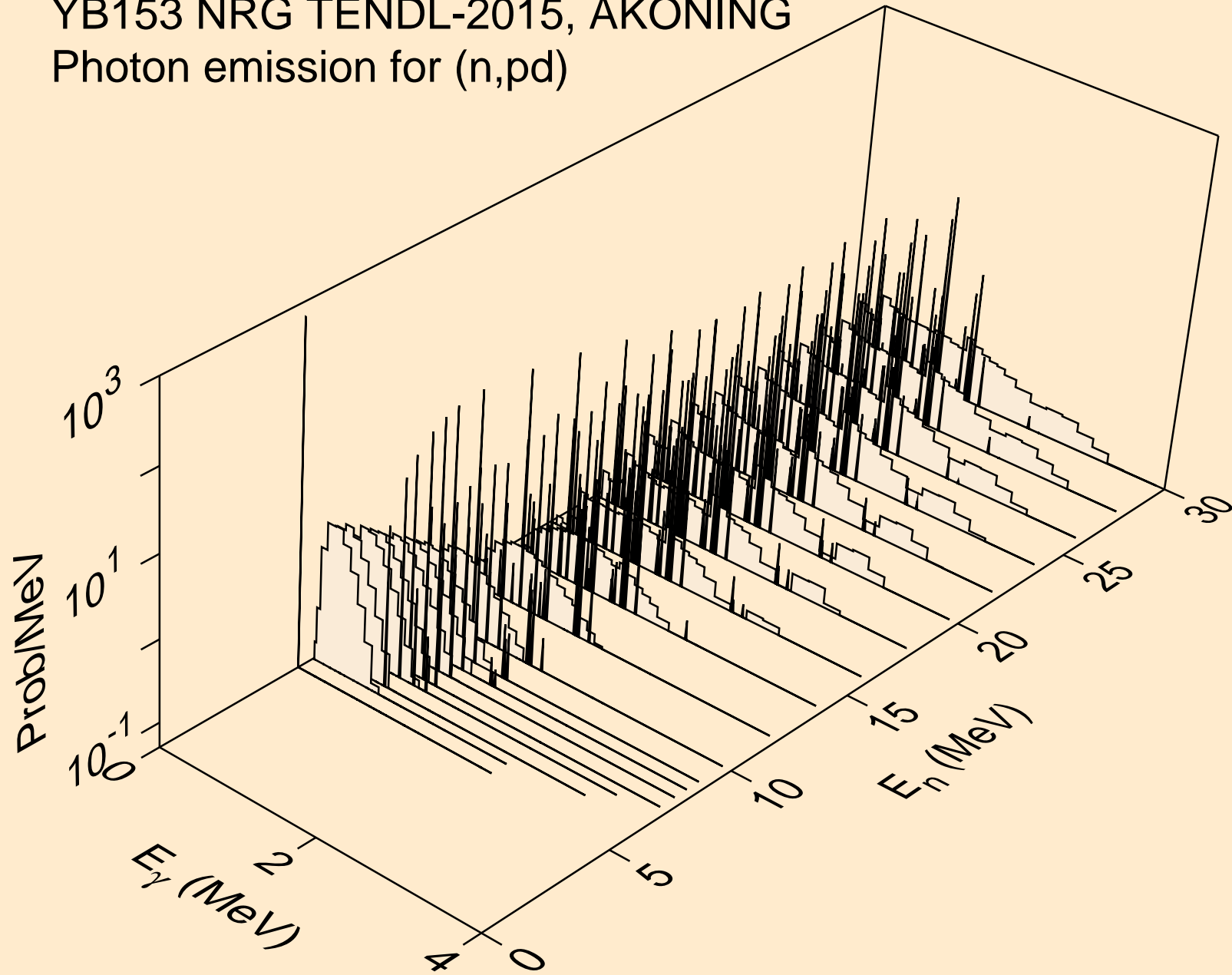
YB153 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



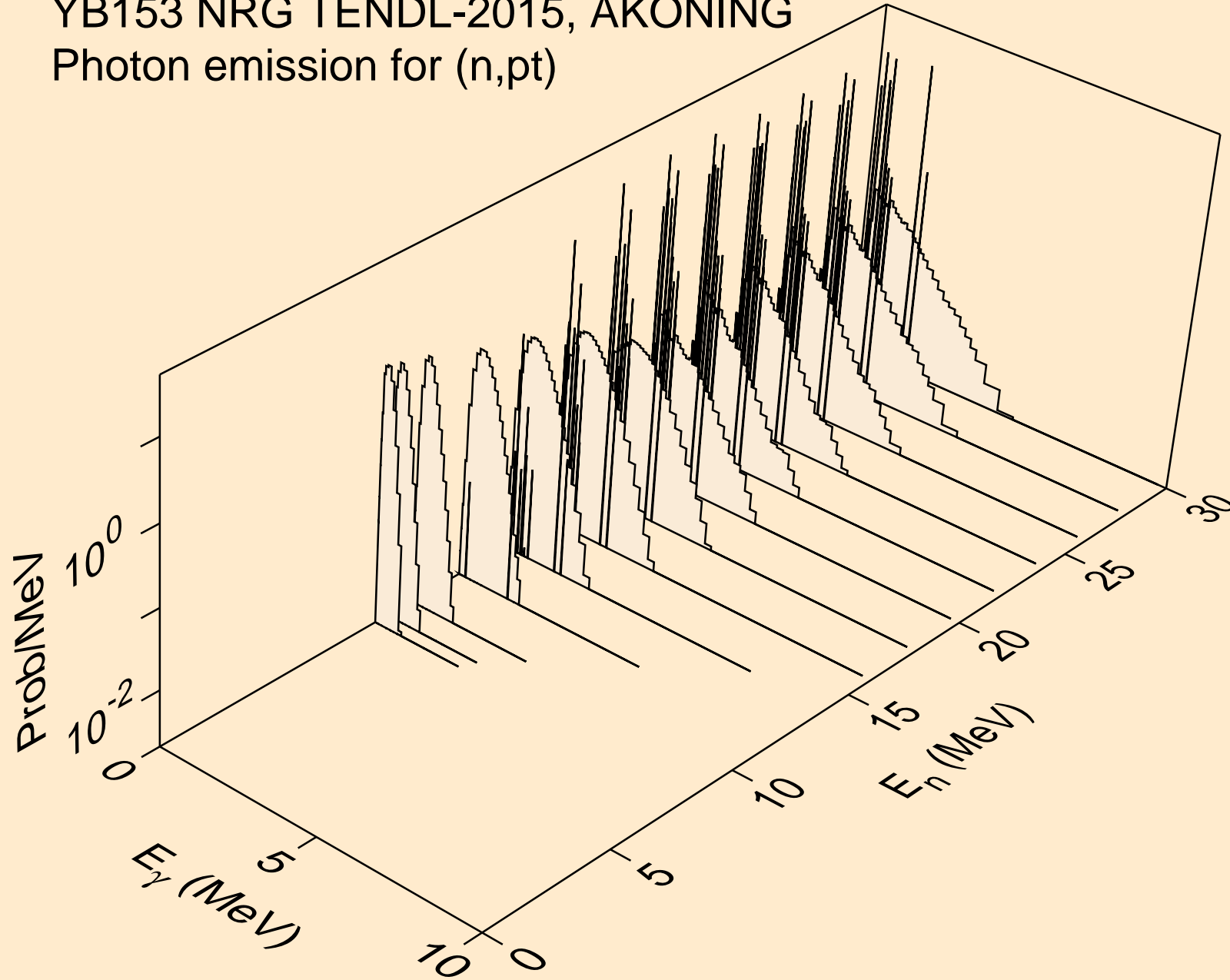
YB153 NRG TENDL-2015, AKONING  
Photon emission for (n,d2a)



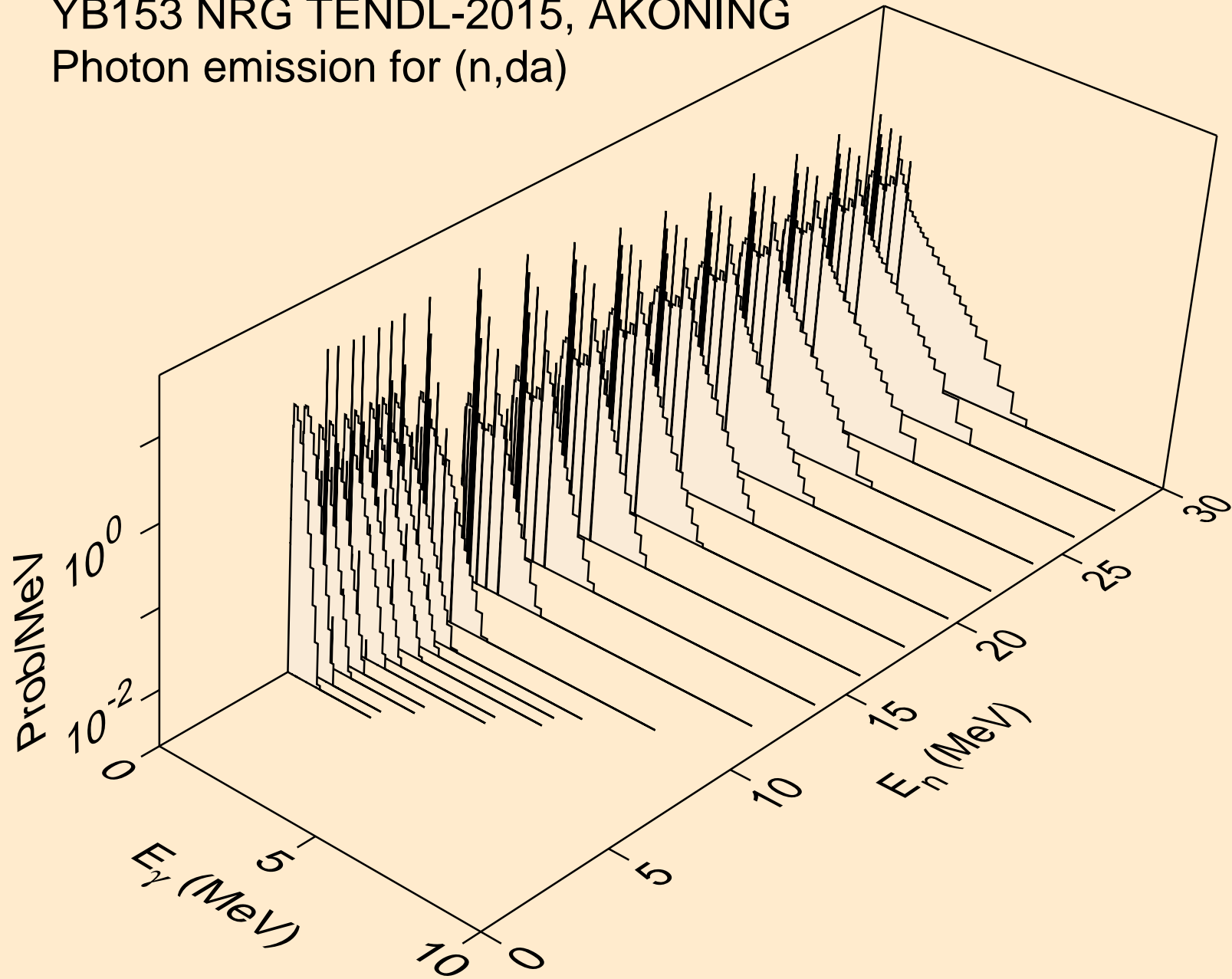
YB153 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



YB153 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)

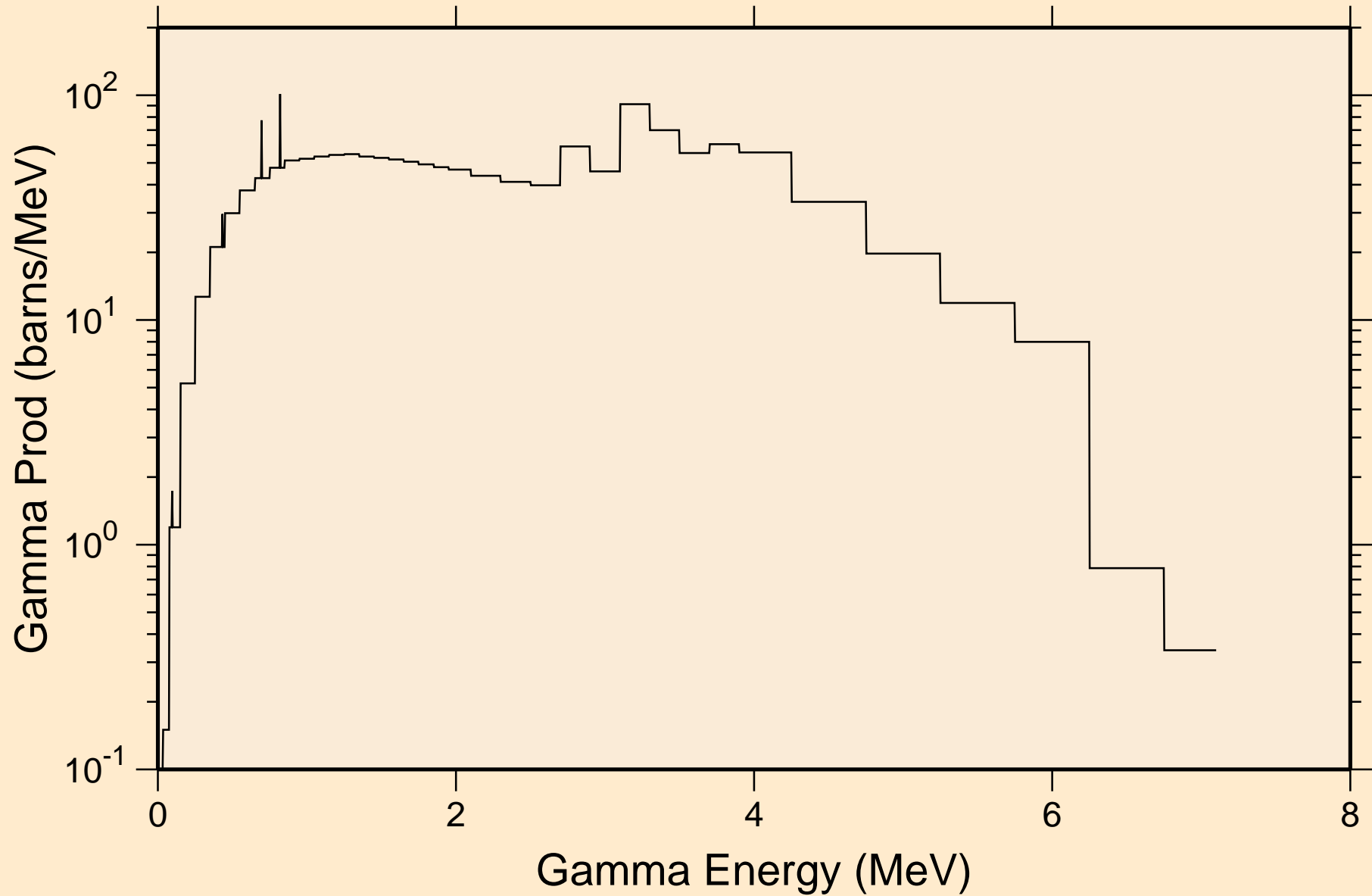


YB153 NRG TENDL-2015, AKONING  
Photon emission for (n,da)

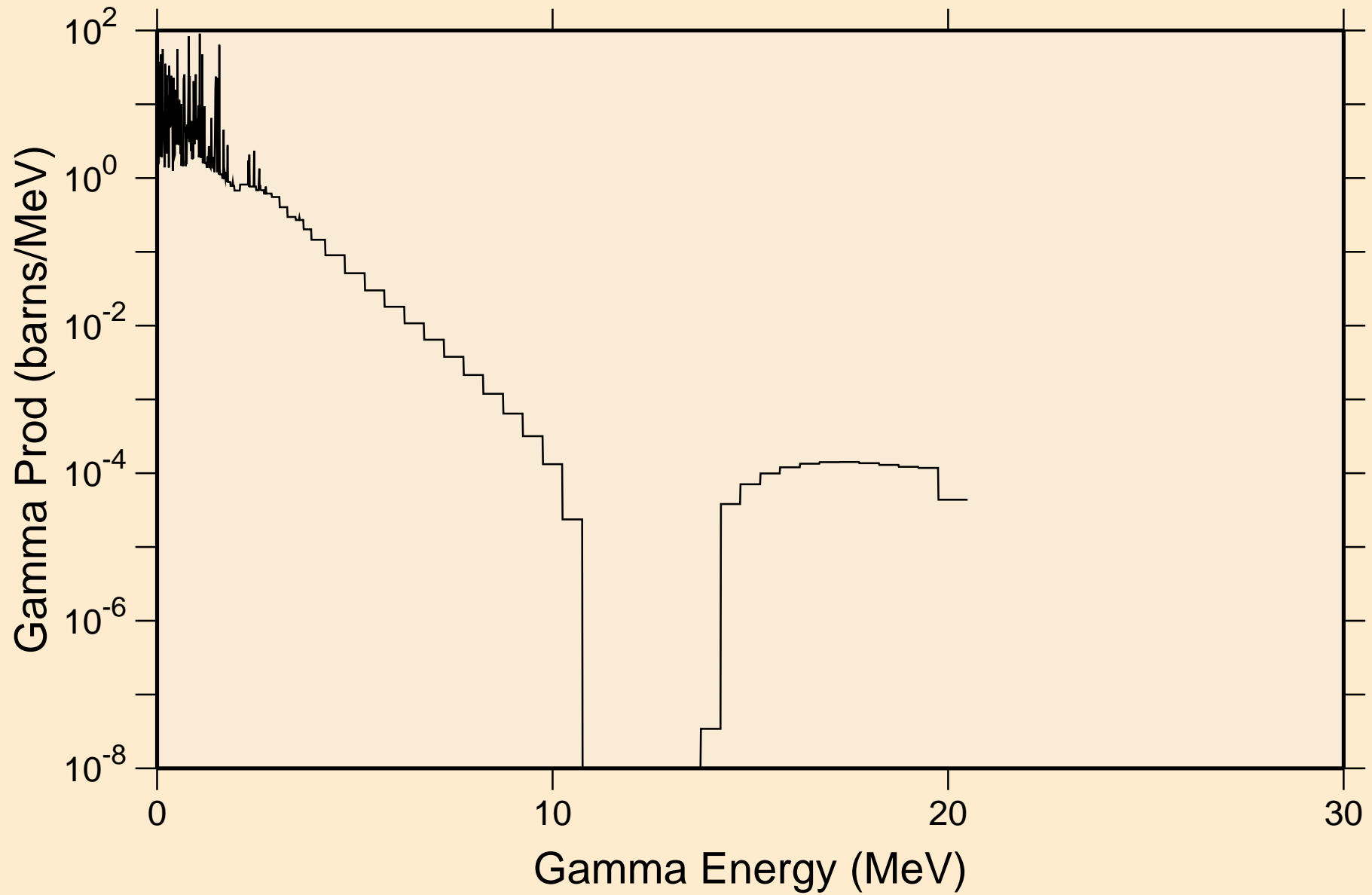




YB153 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

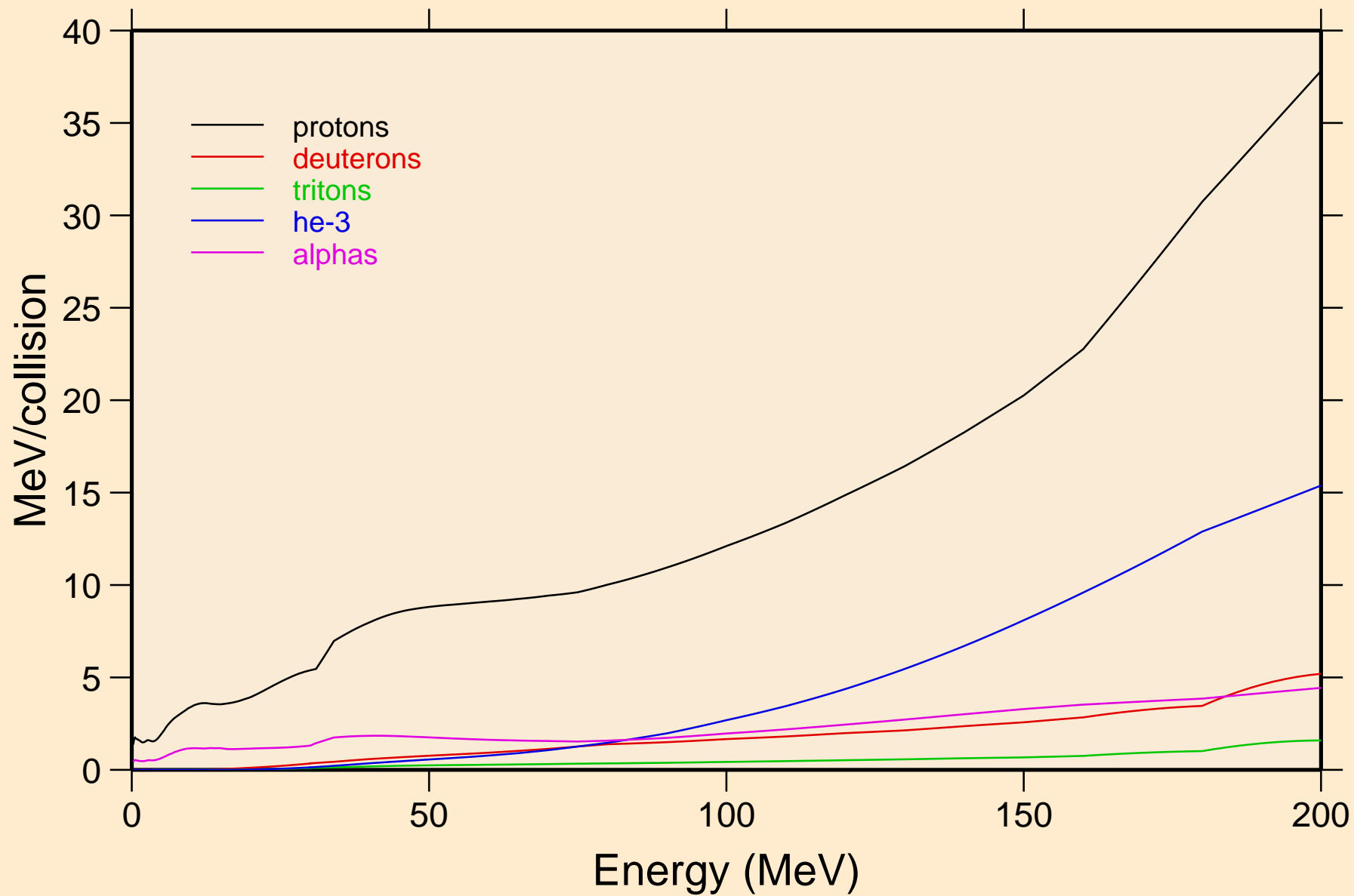


YB153 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



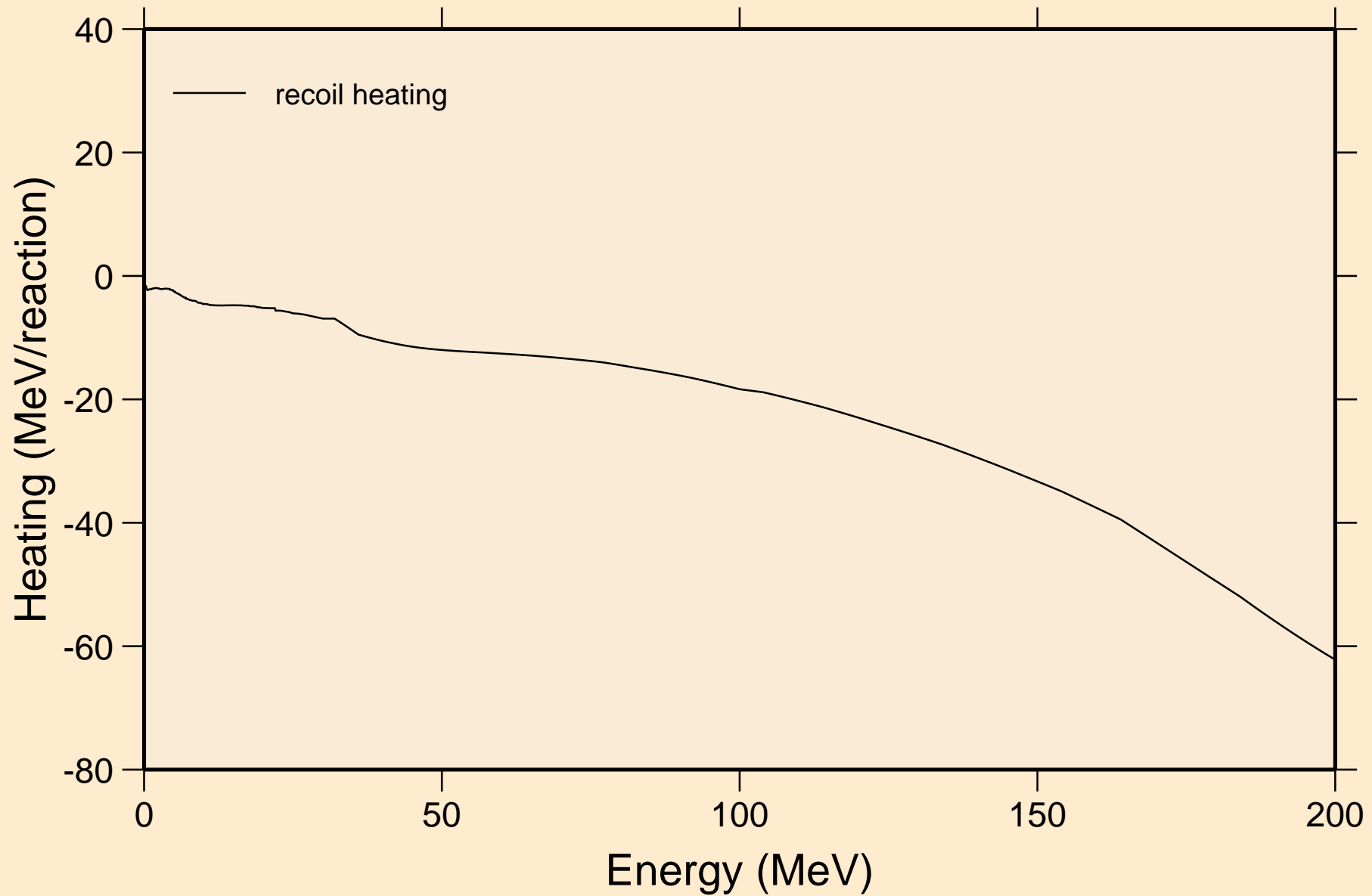
# YB153 NRG TENDL-2015, AKONING

## Particle heating contributions



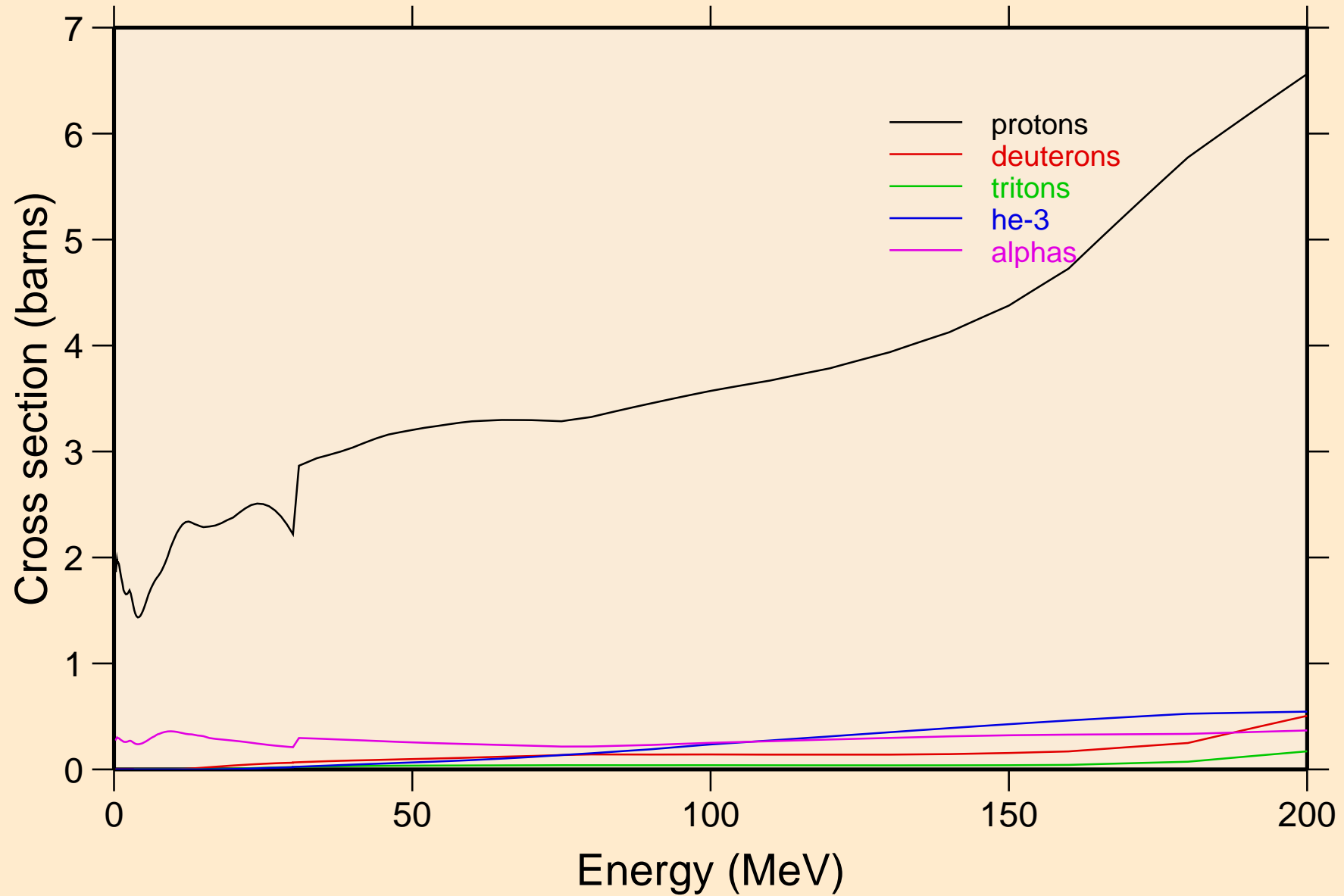
# YB153 NRG TENDL-2015, AKONING

## Recoil Heating

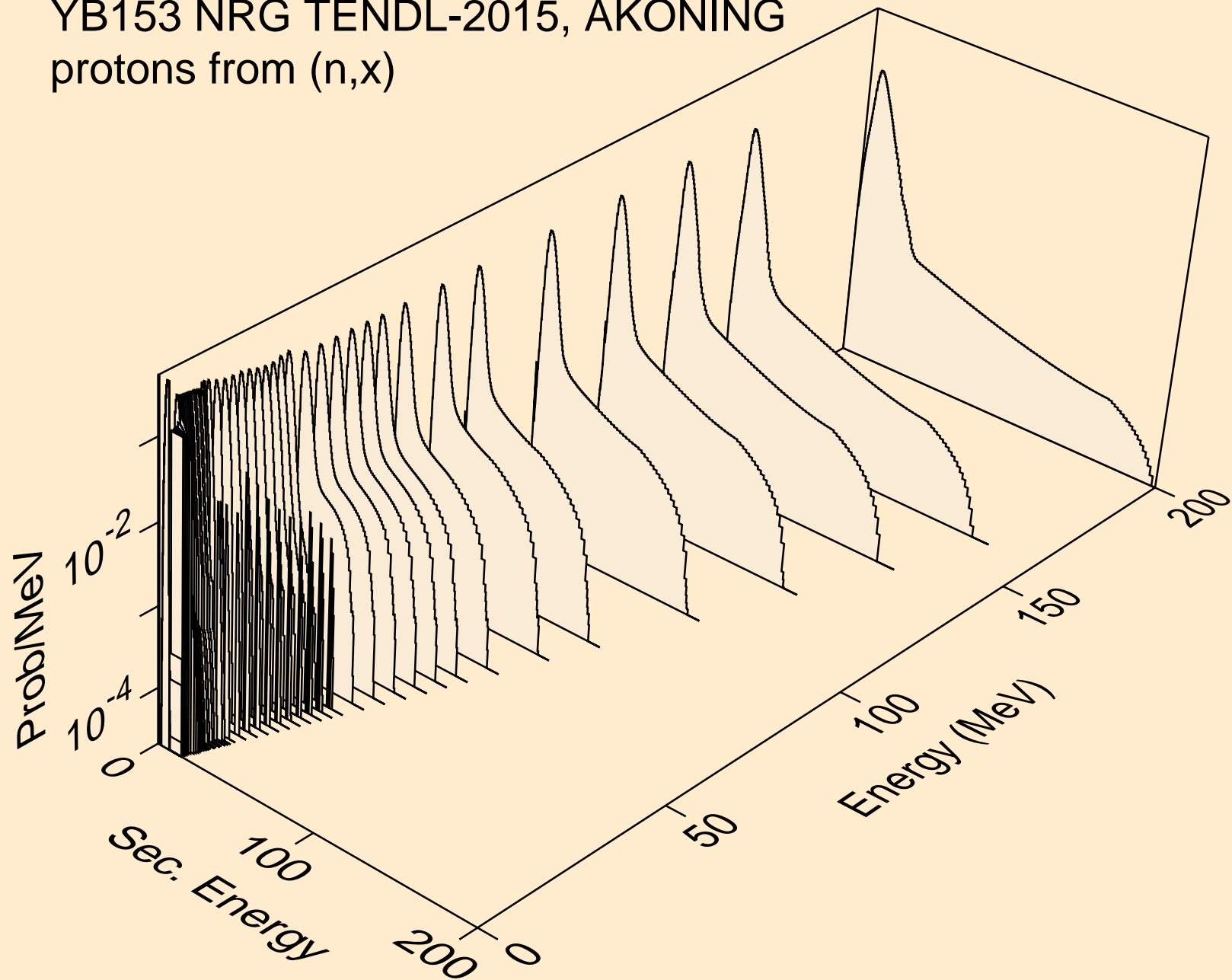


# YB153 NRG TENDL-2015, AKONING

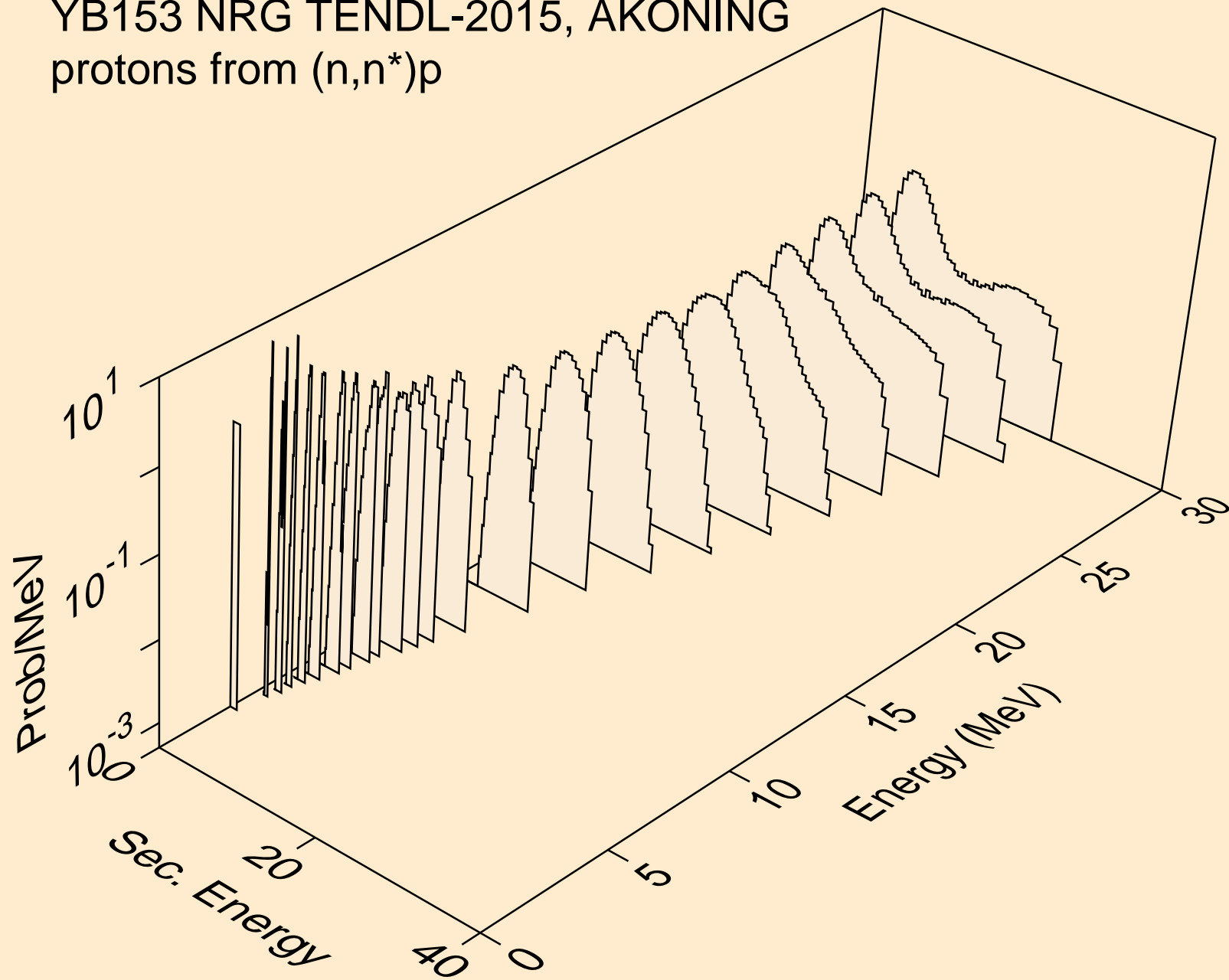
## Particle production cross sections



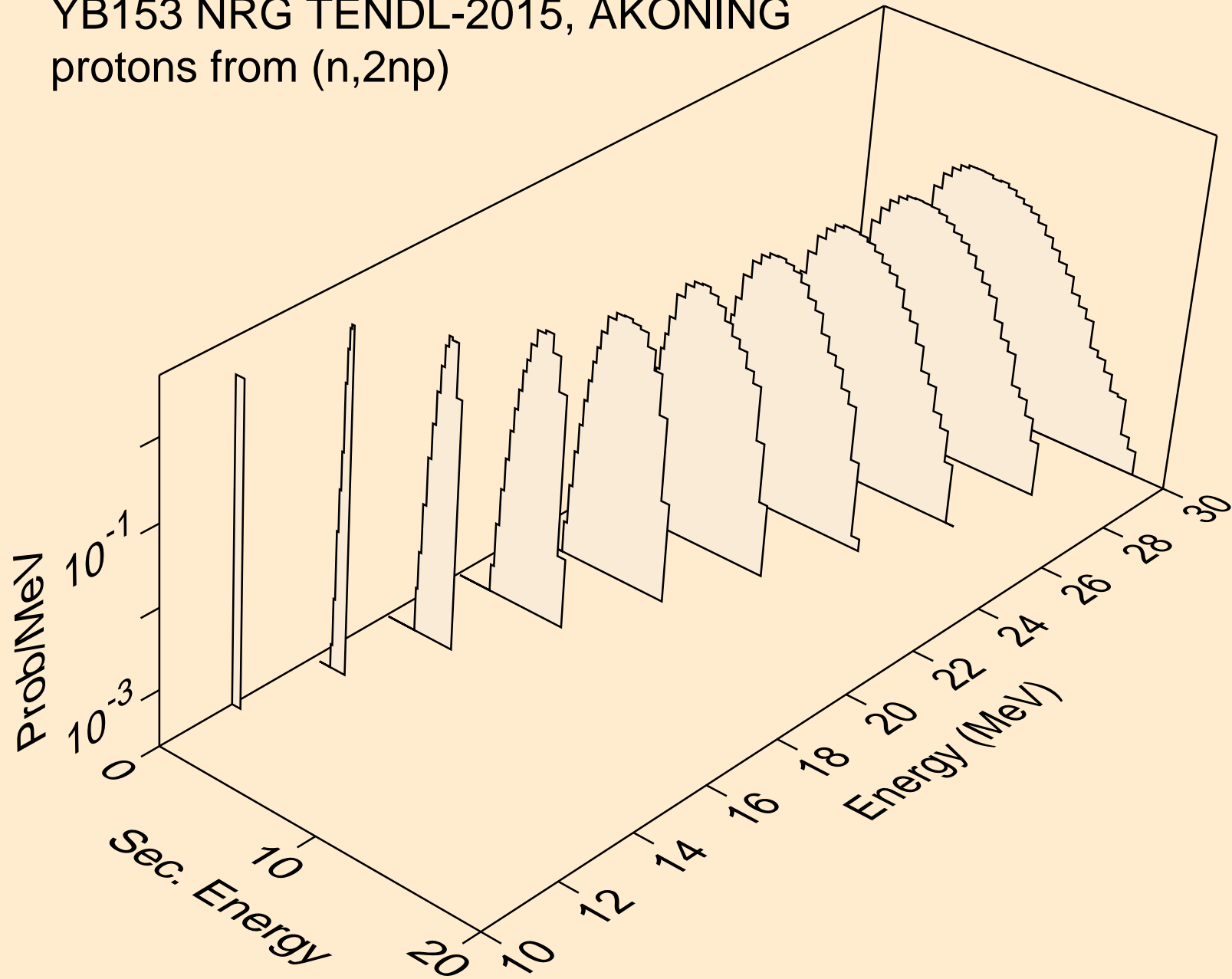
YB153 NRG TENDL-2015, AKONING  
protons from (n,x)



YB153 NRG TENDL-2015, AKONING  
protons from (n,n\*)p

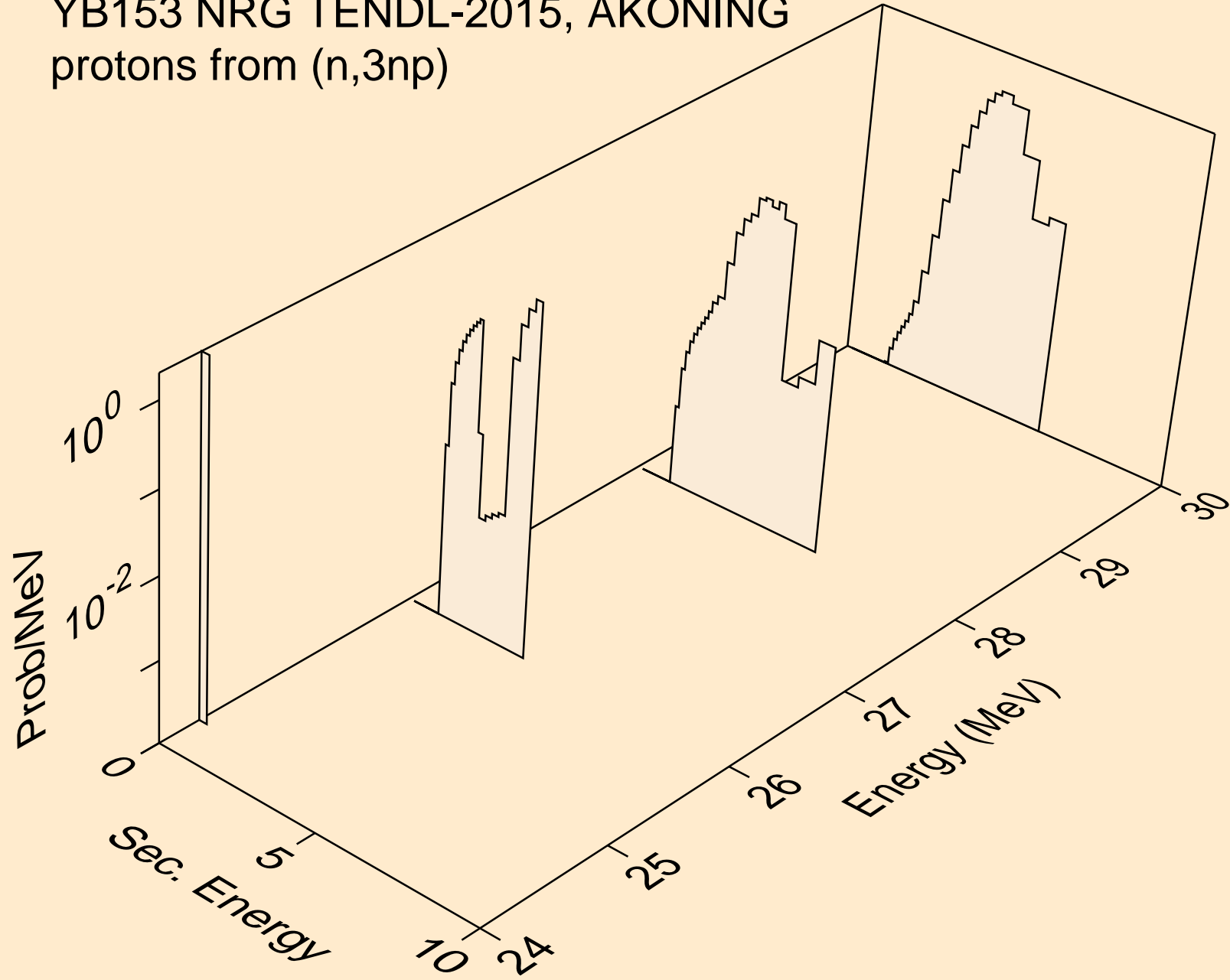


YB153 NRG TENDL-2015, AKONING  
protons from (n,2np)

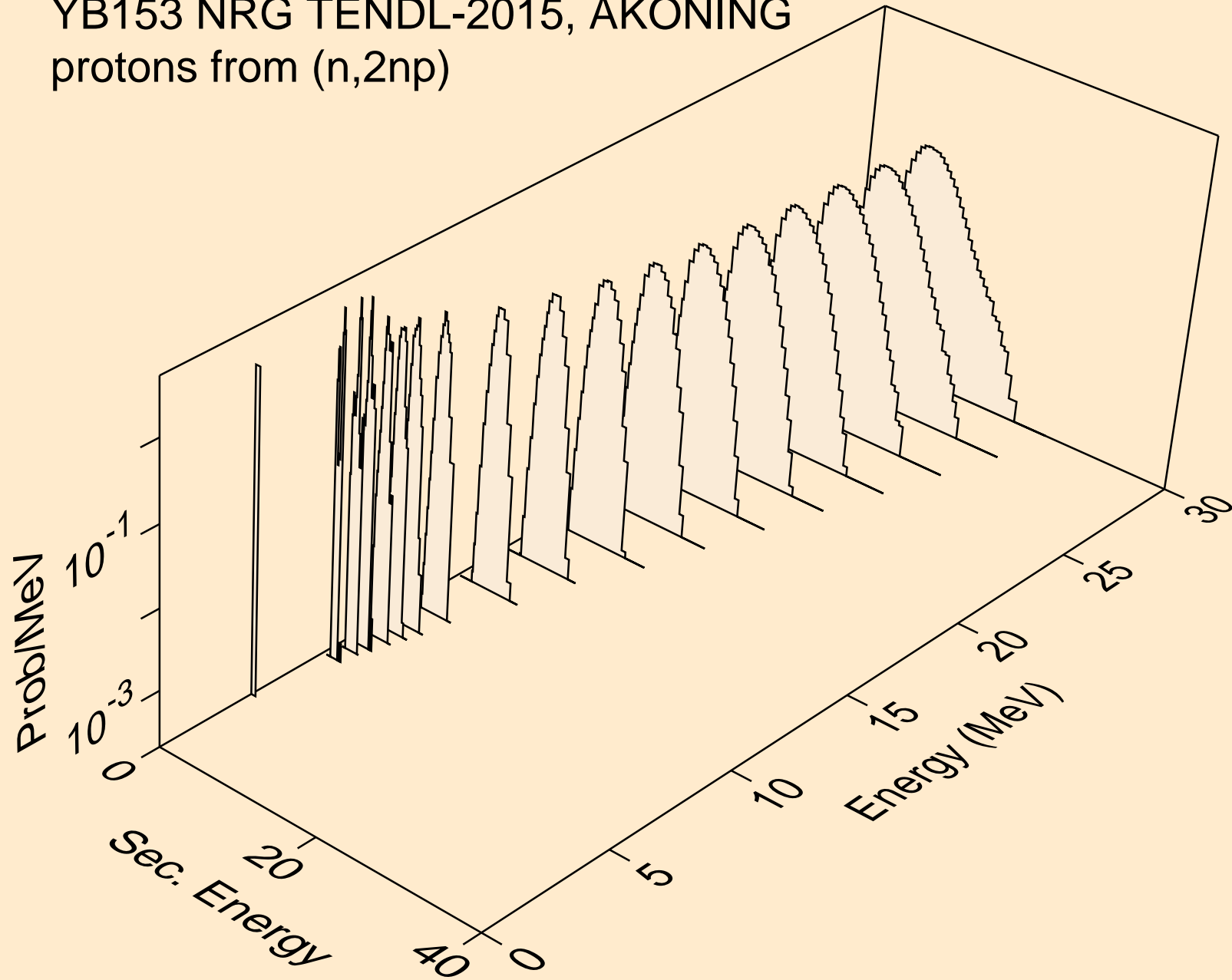




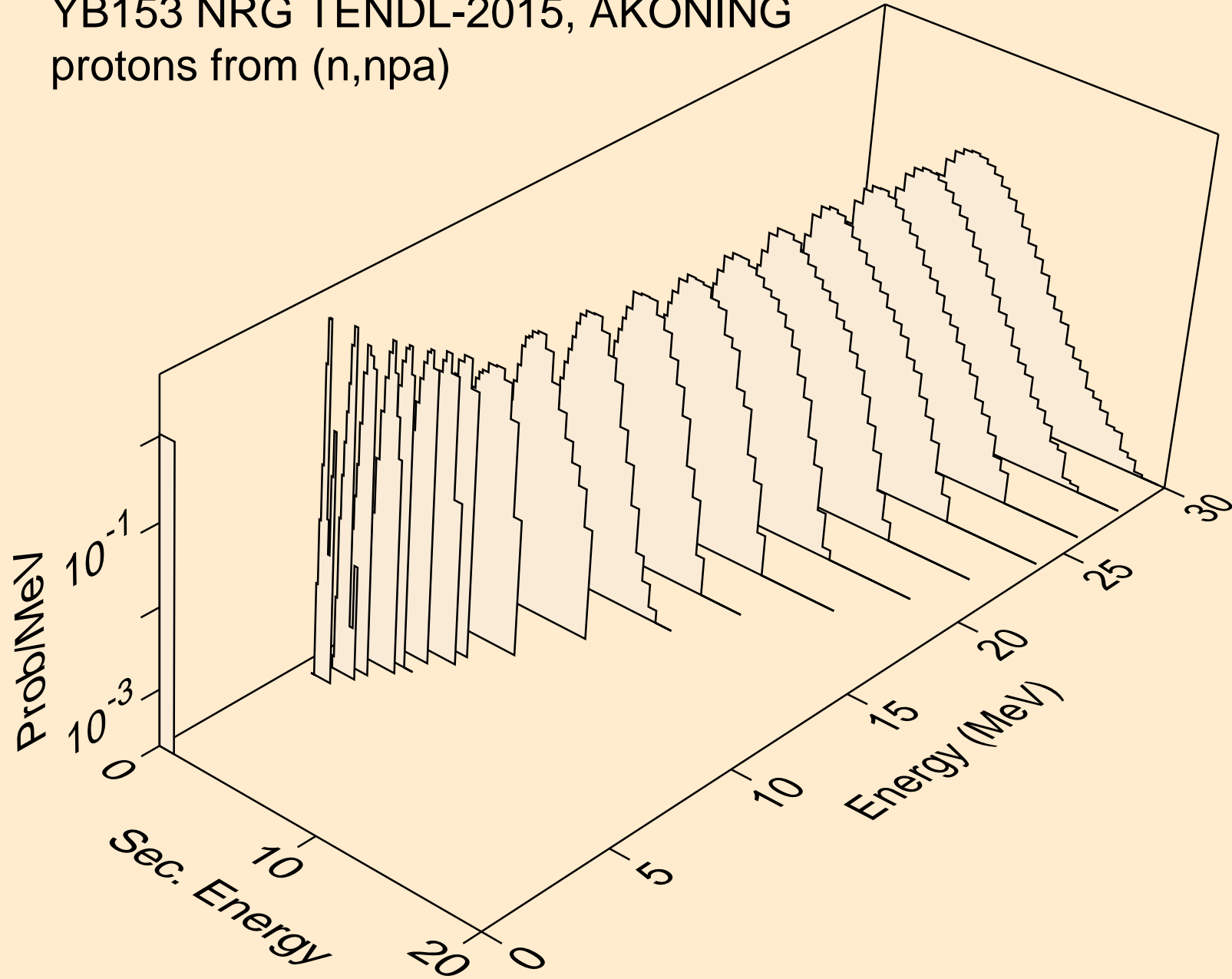
YB153 NRG TENDL-2015, AKONING  
protons from (n,3np)



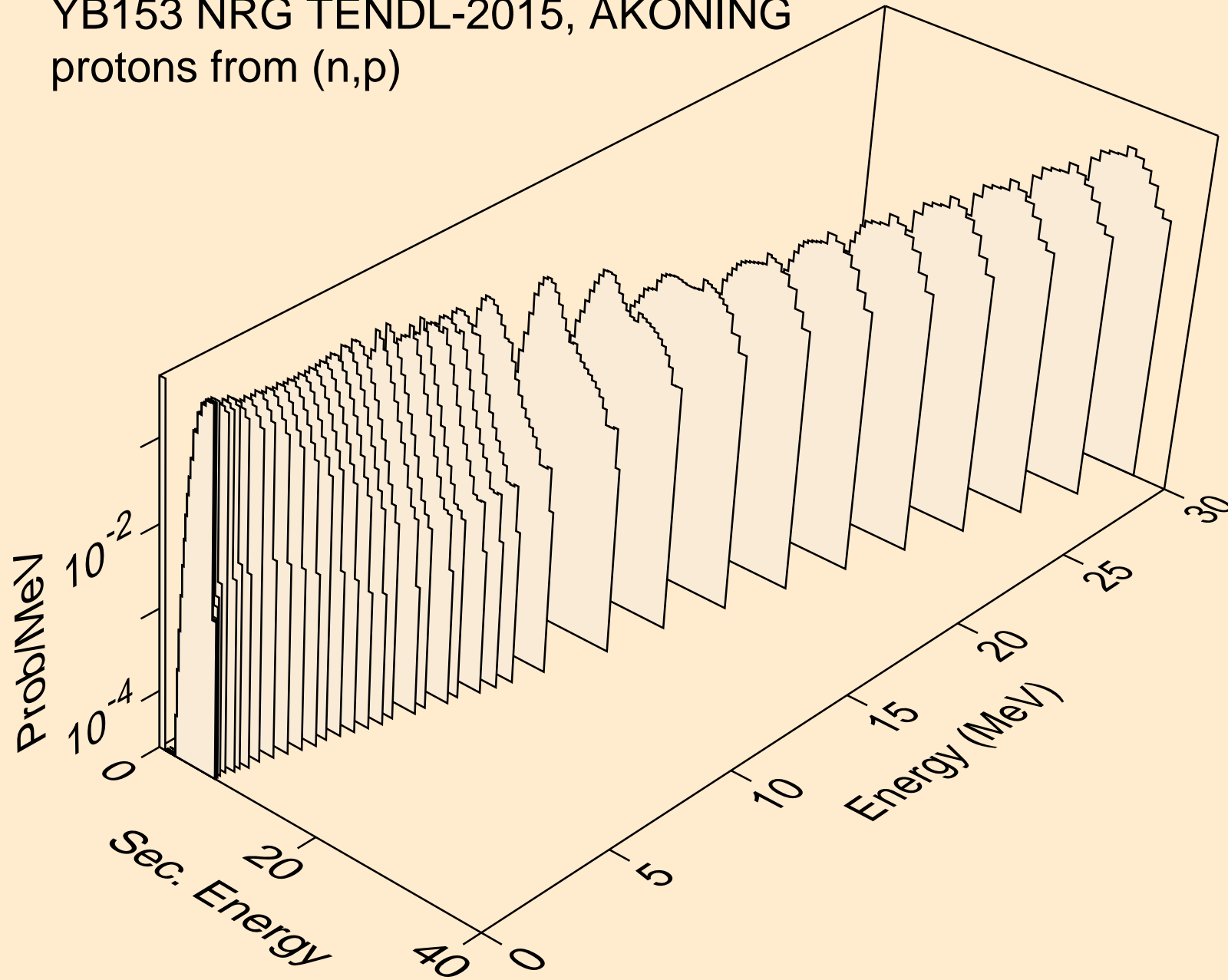
YB153 NRG TENDL-2015, AKONING  
protons from (n,2np)



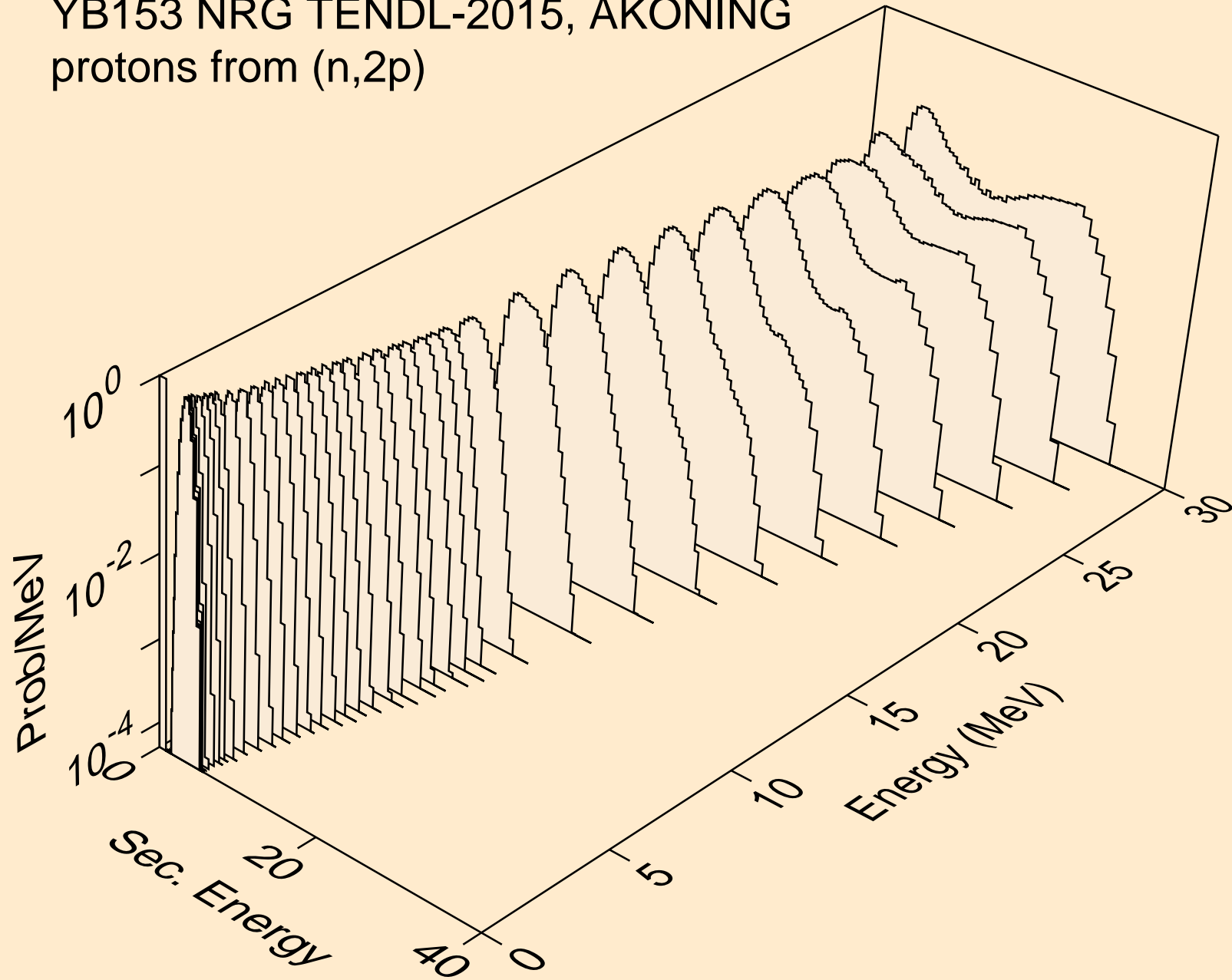
YB153 NRG TENDL-2015, AKONING  
protons from (n,npa)



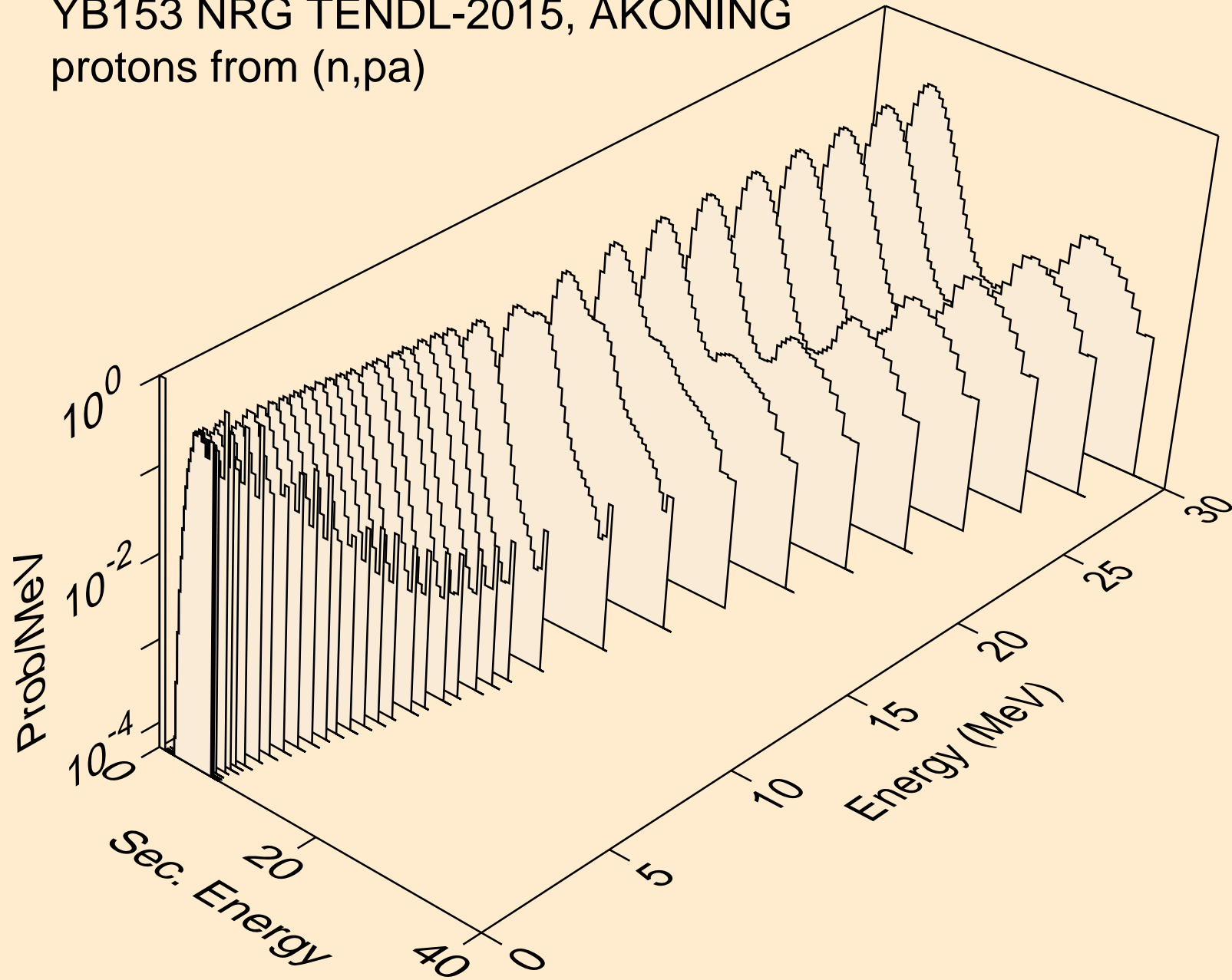
YB153 NRG TENDL-2015, AKONING  
protons from (n,p)



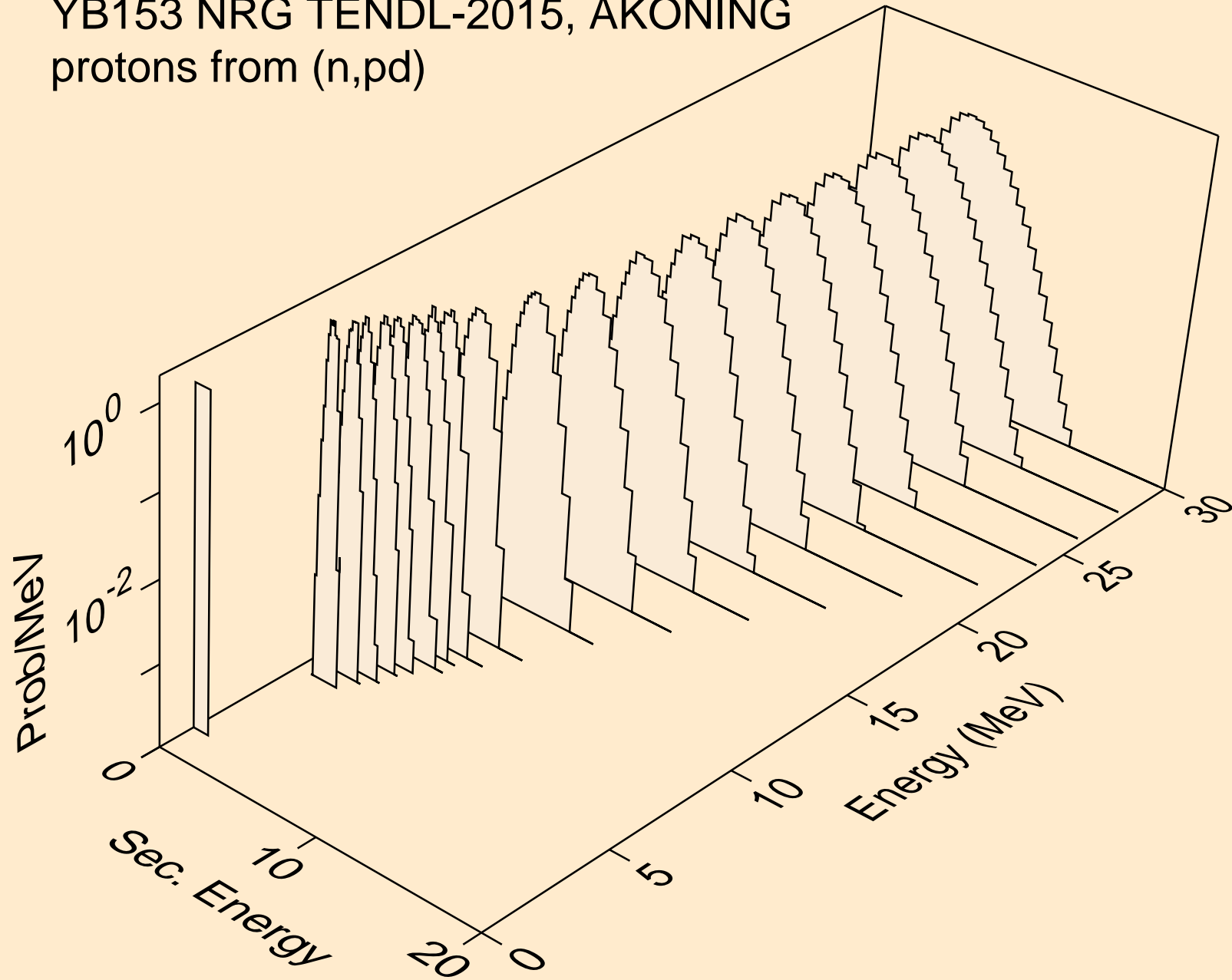
YB153 NRG TENDL-2015, AKONING  
protons from (n,2p)



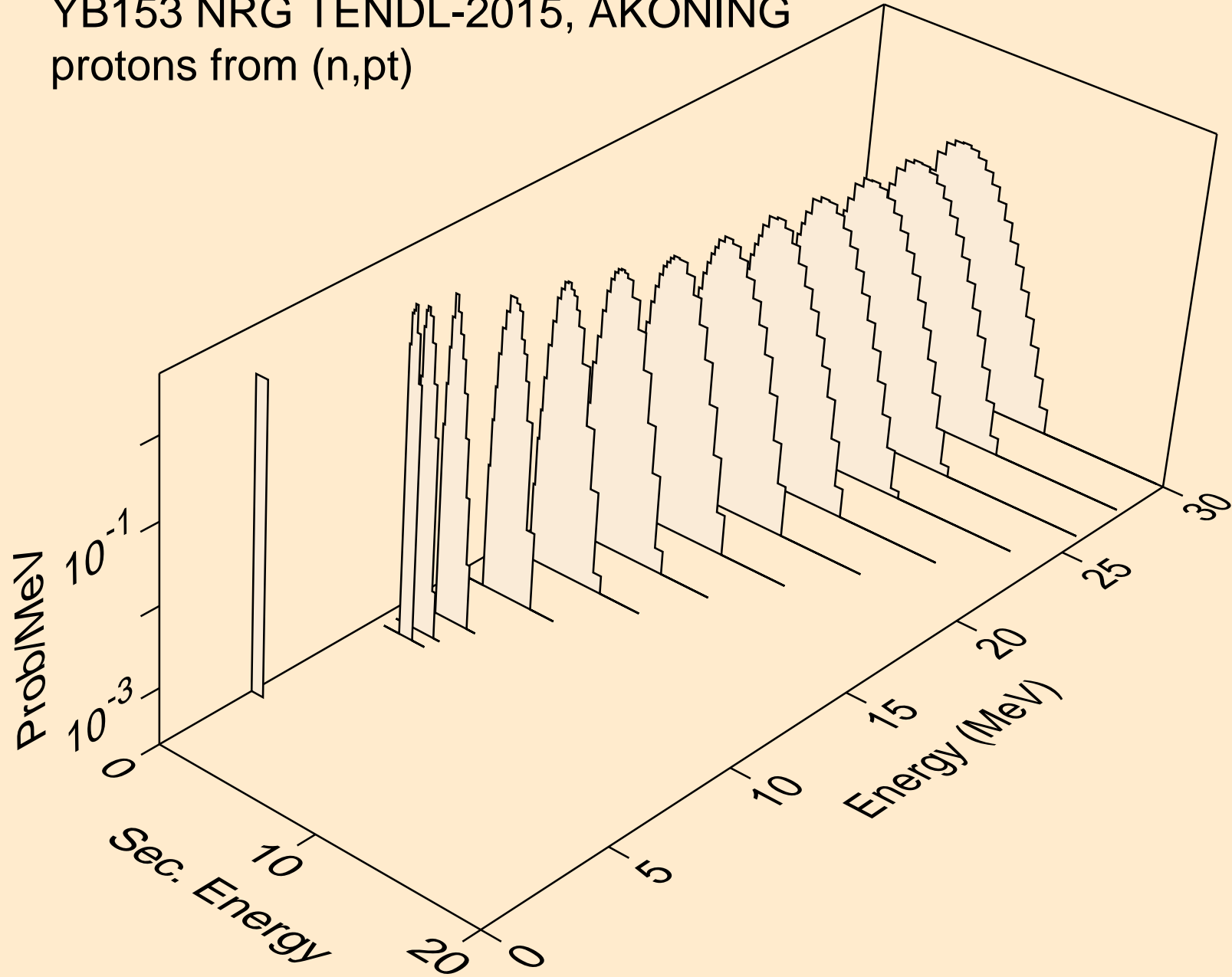
YB153 NRG TENDL-2015, AKONING  
protons from (n,pa)



YB153 NRG TENDL-2015, AKONING  
protons from (n,pd)

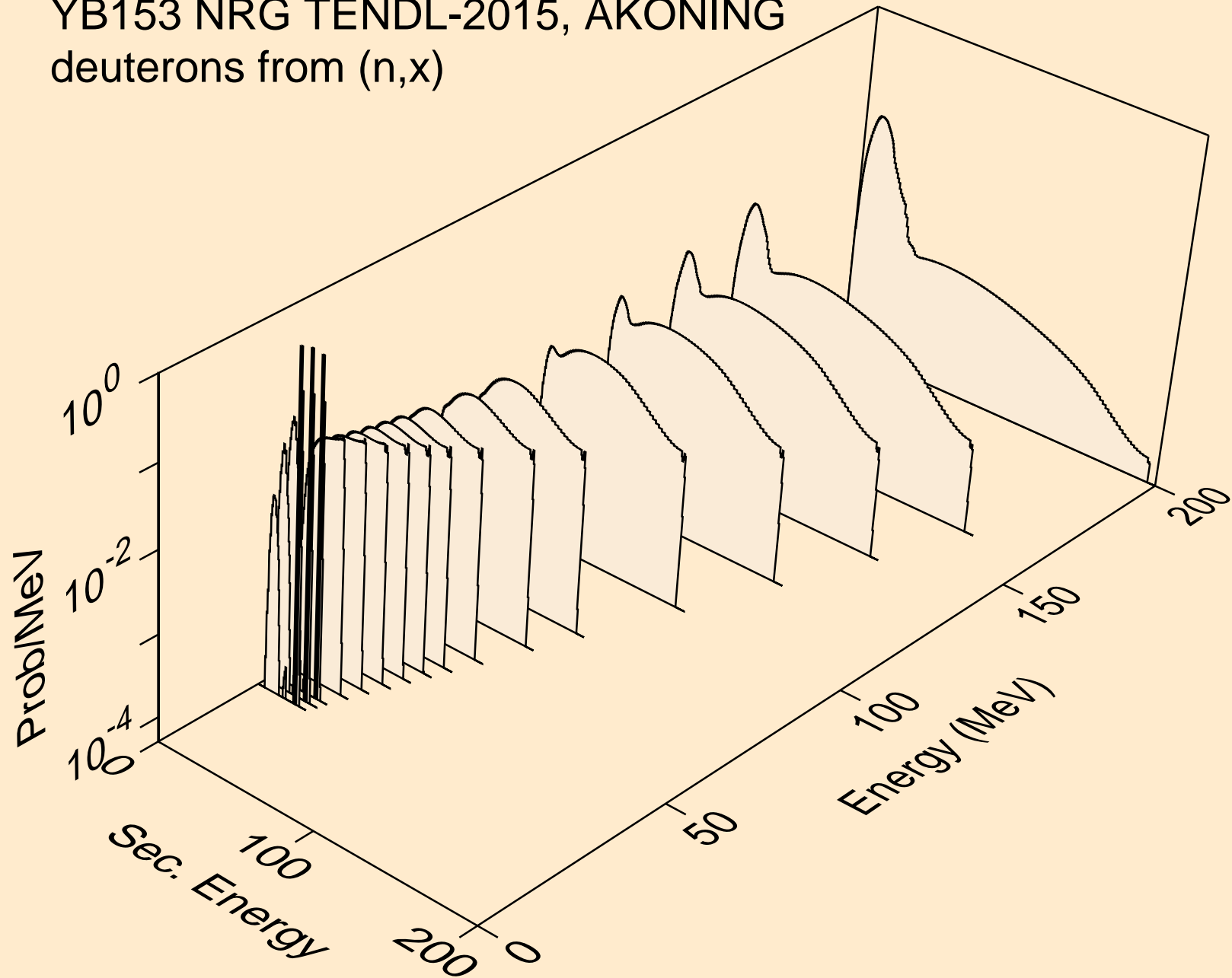


YB153 NRG TENDL-2015, AKONING  
protons from (n,pt)

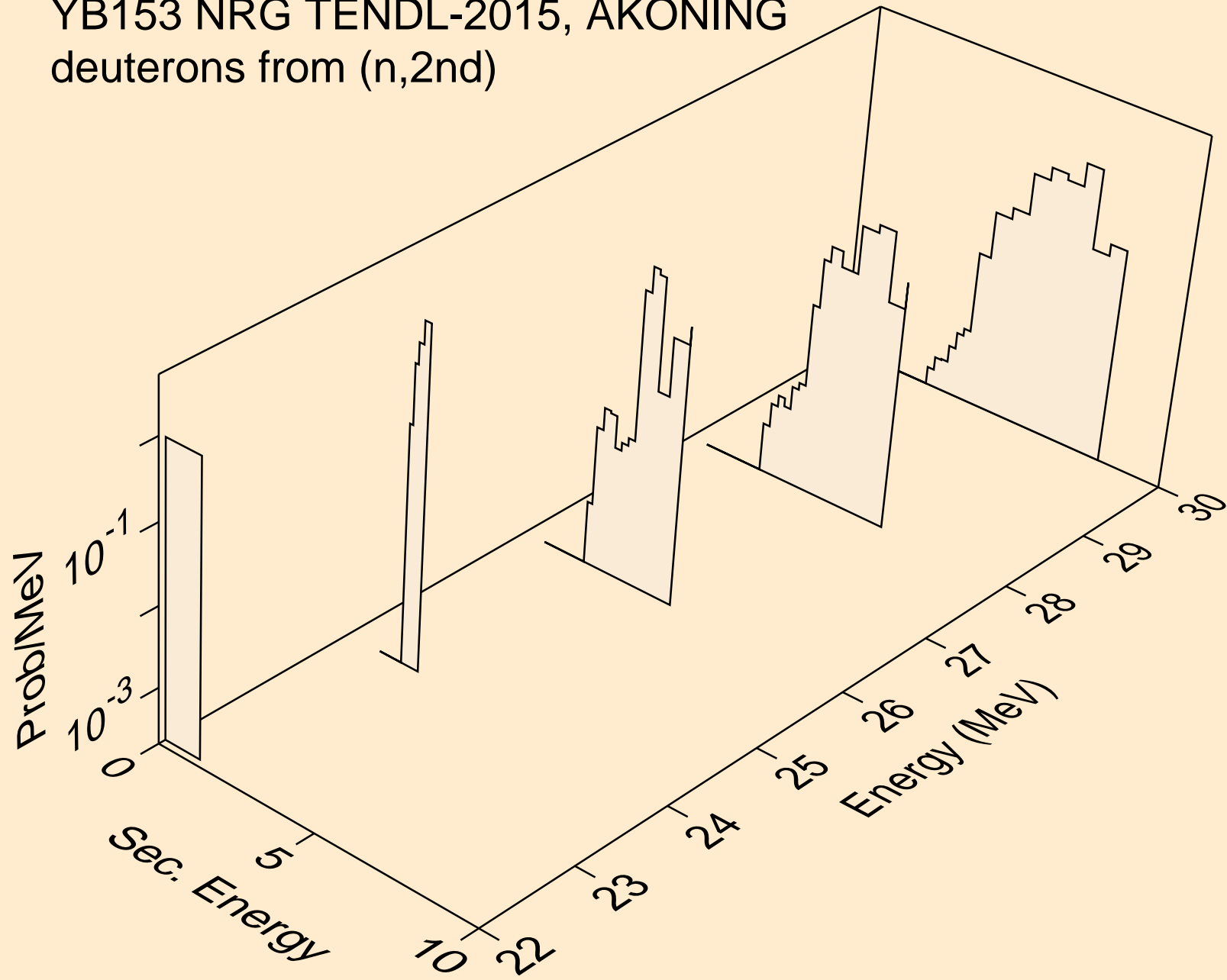




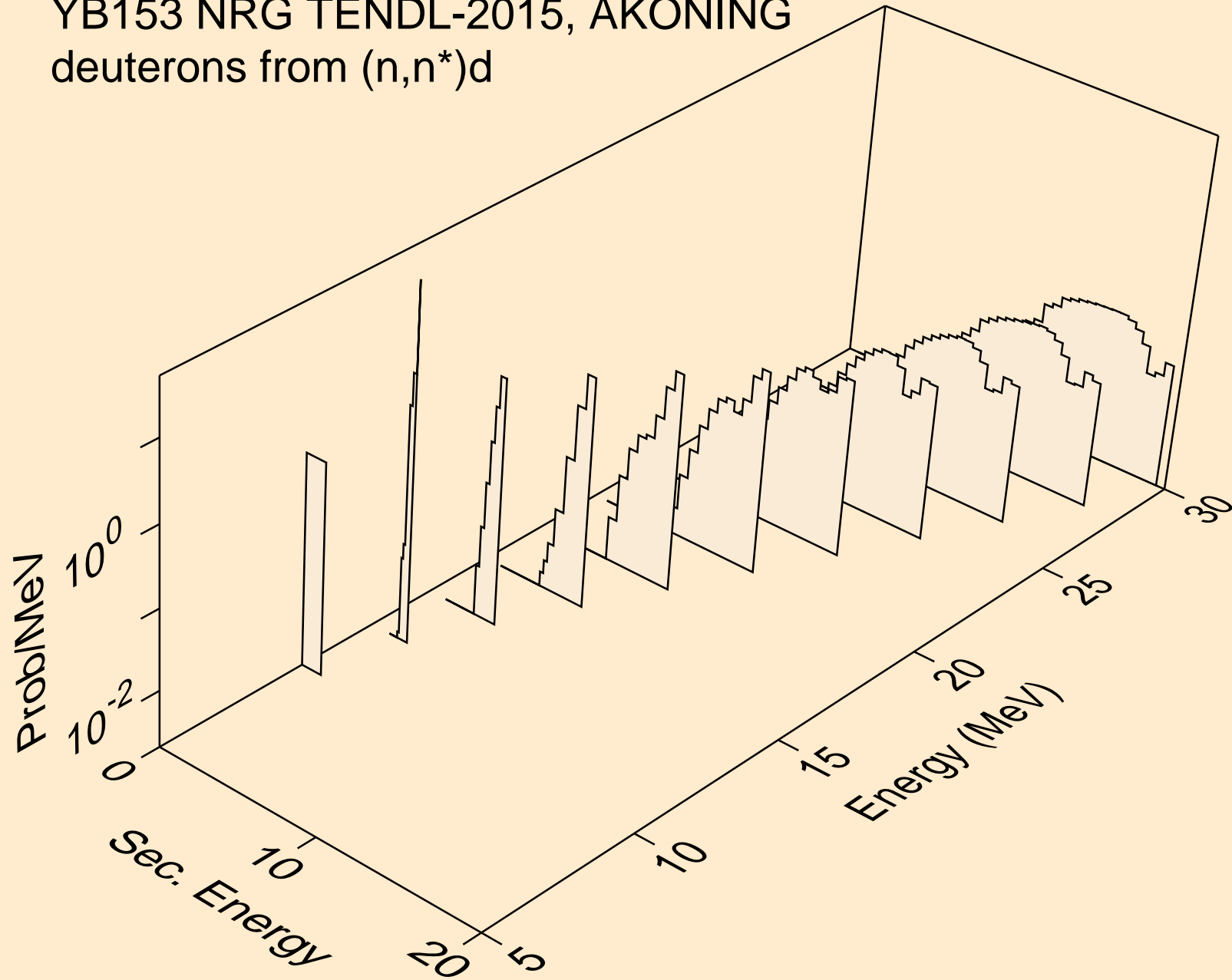
YB153 NRG TENDL-2015, AKONING  
deuterons from (n,x)



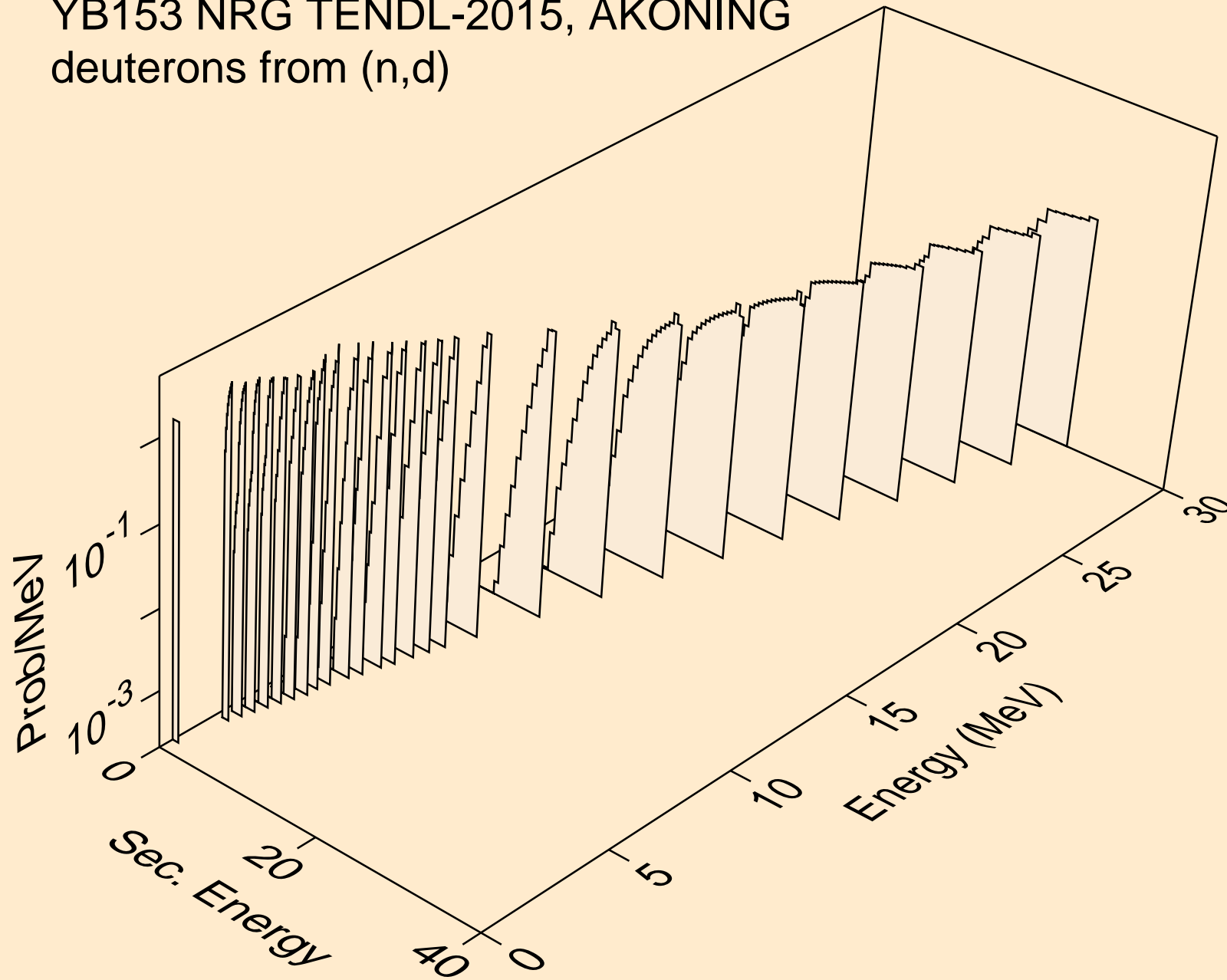
YB153 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



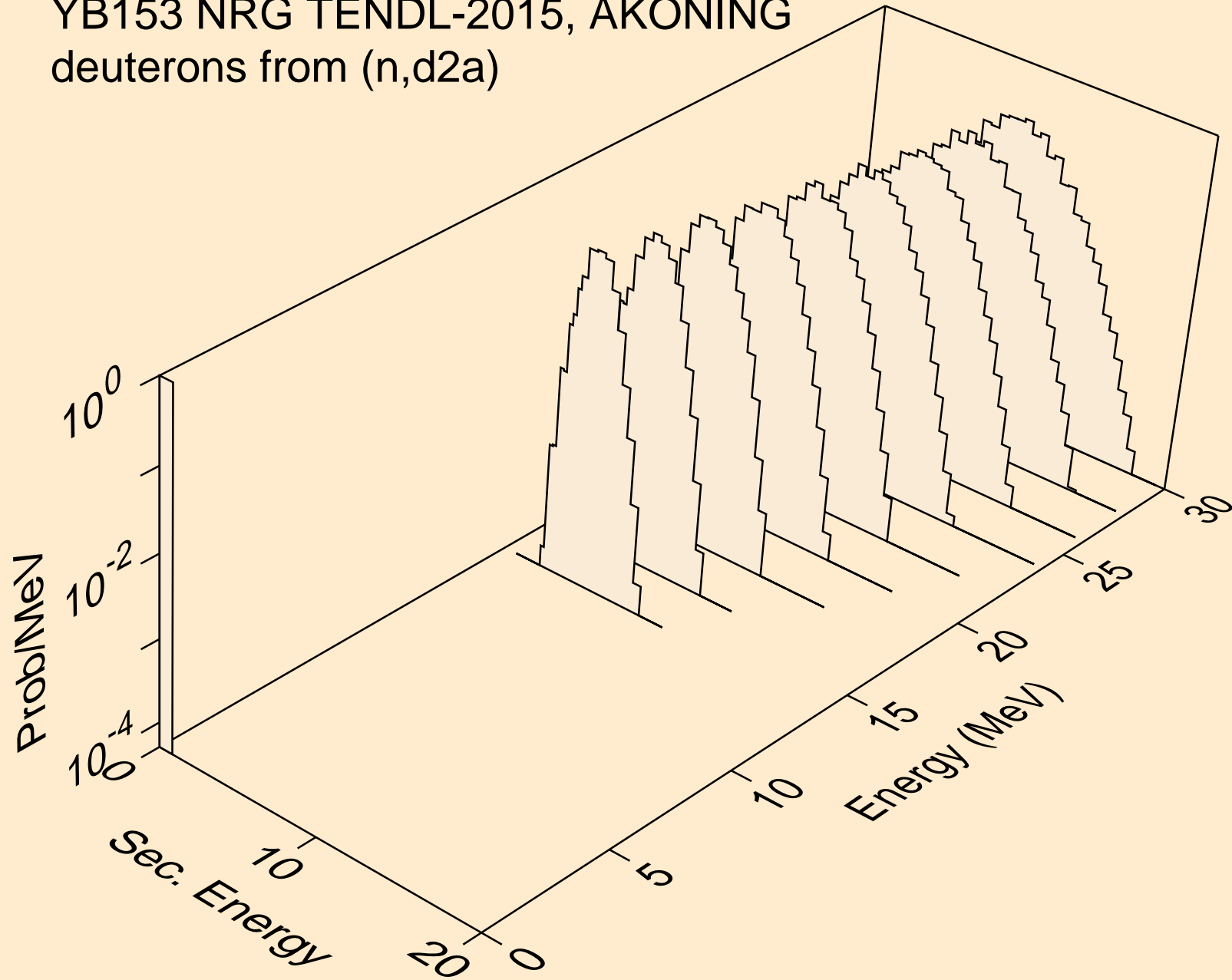
YB153 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



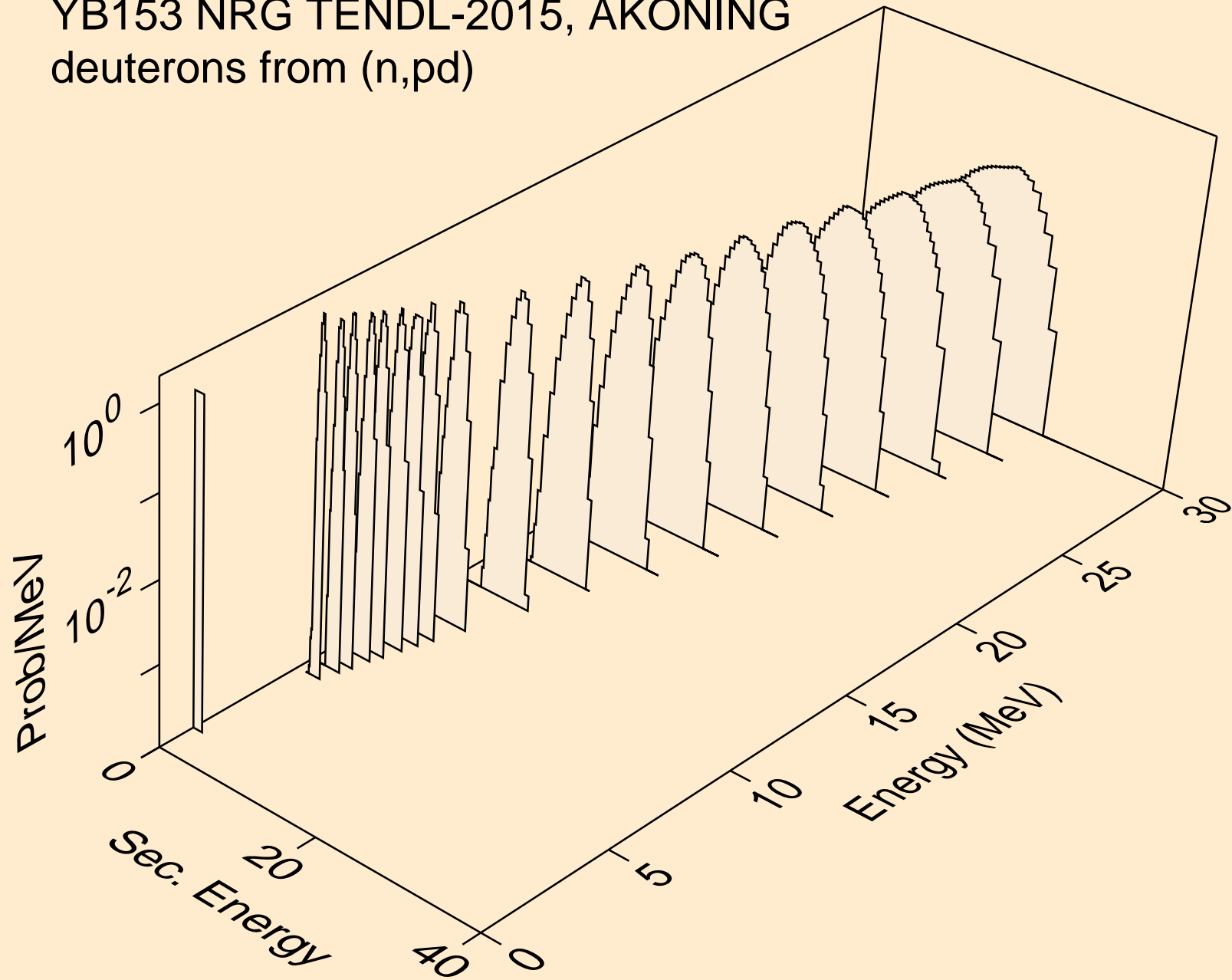
YB153 NRG TENDL-2015, AKONING  
deuterons from (n,d)



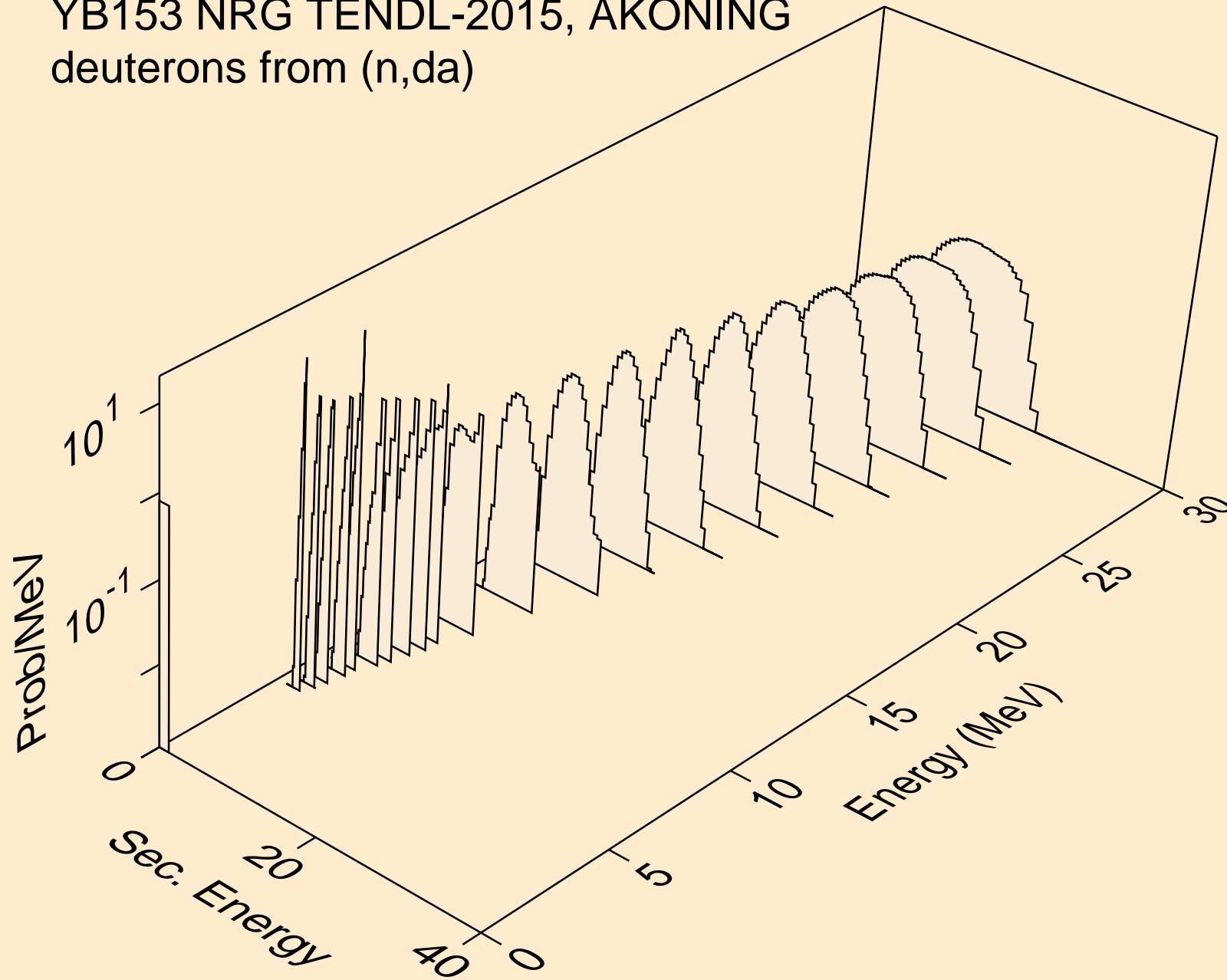
YB153 NRG TENDL-2015, AKONING  
deuterons from (n,d2a)



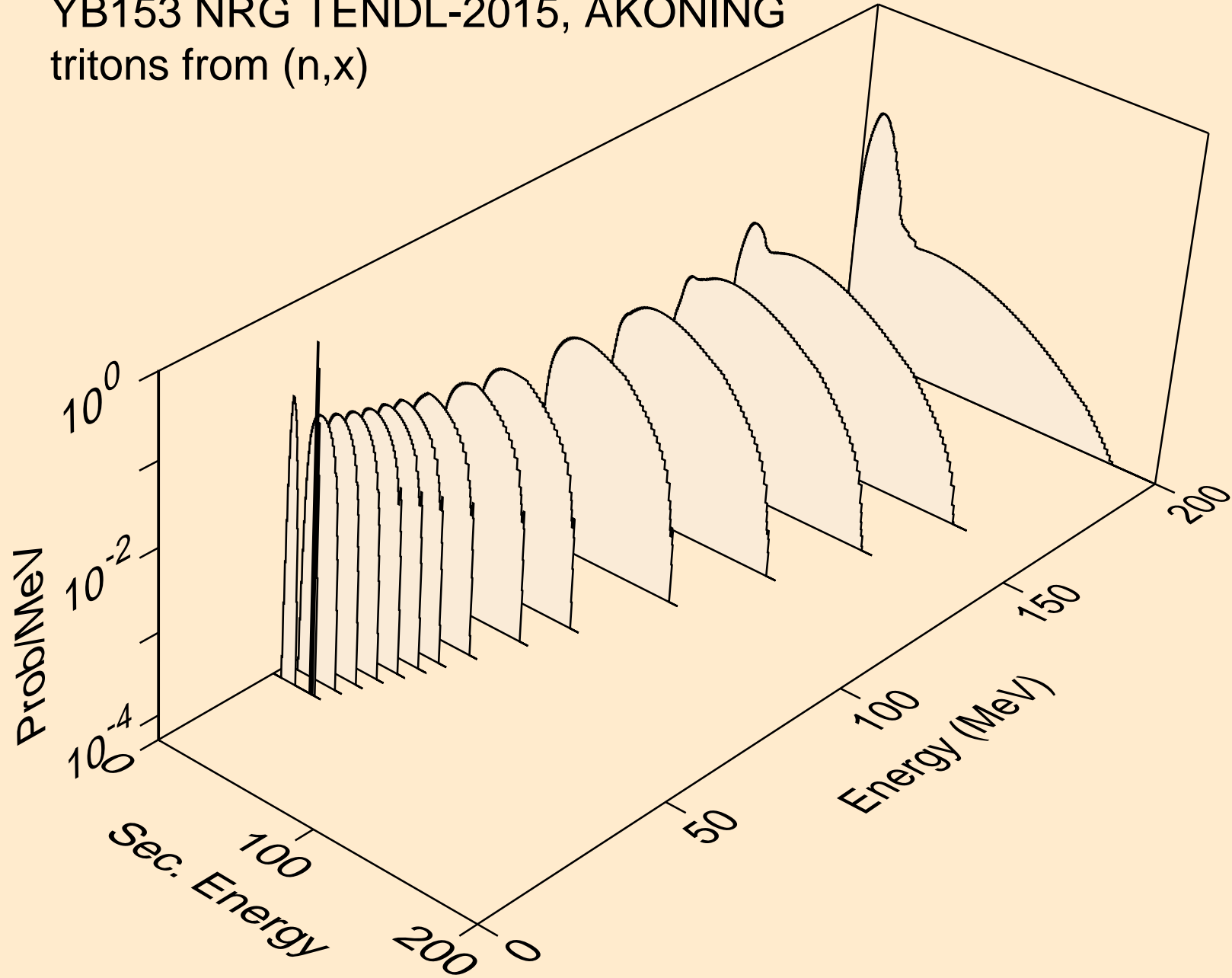
YB153 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



YB153 NRG TENDL-2015, AKONING  
deuterons from (n,da)

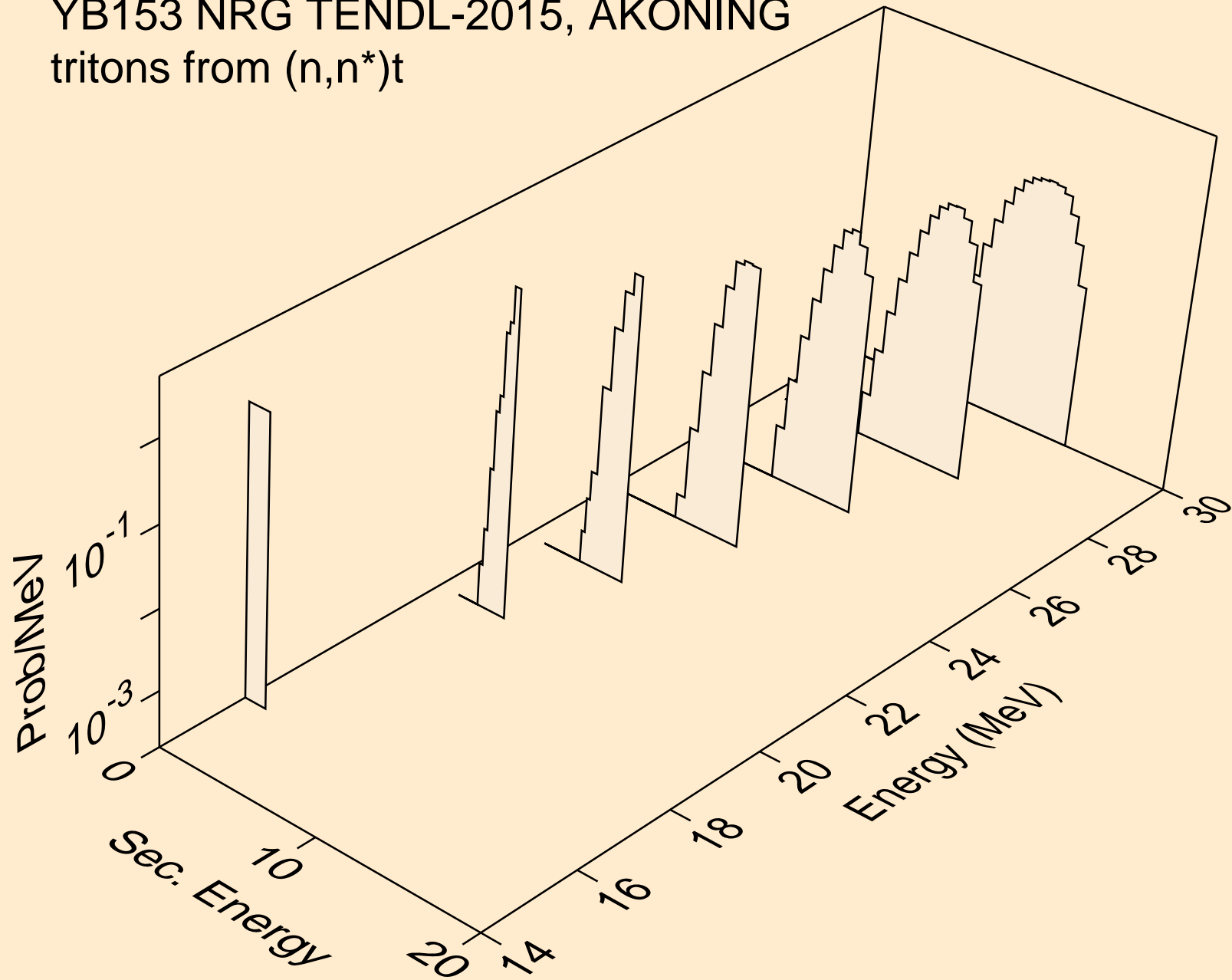


YB153 NRG TENDL-2015, AKONING  
tritons from (n,x)

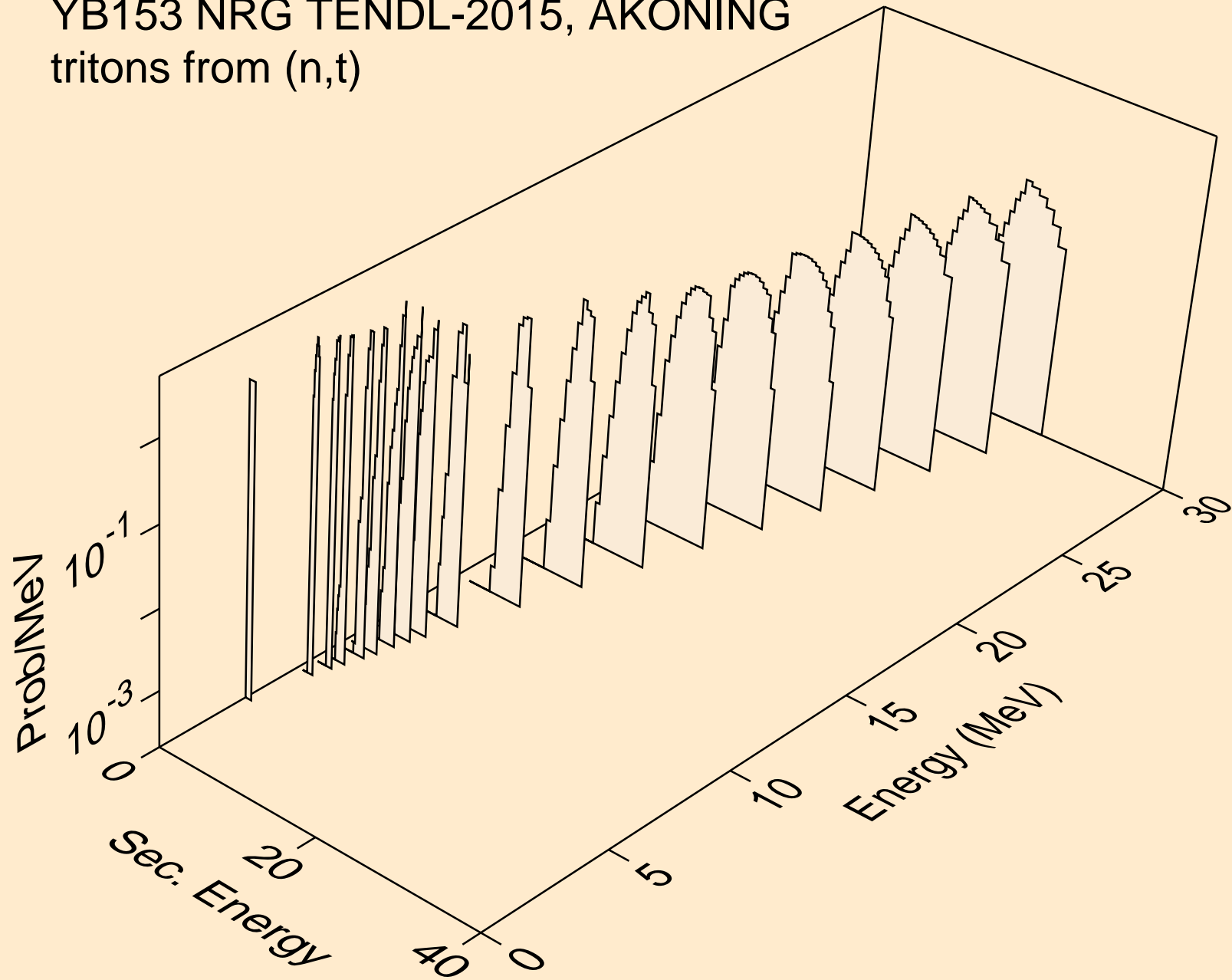




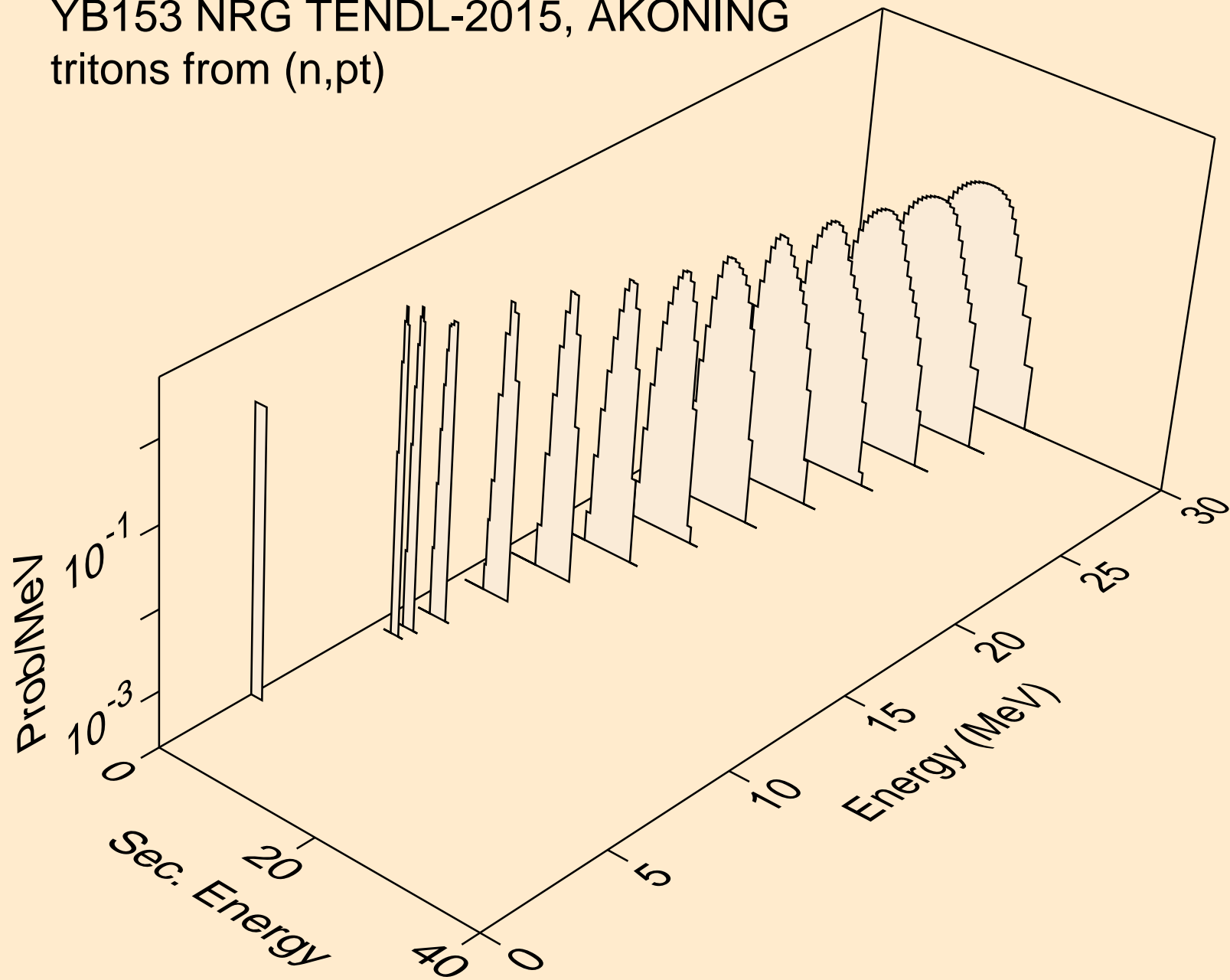
YB153 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



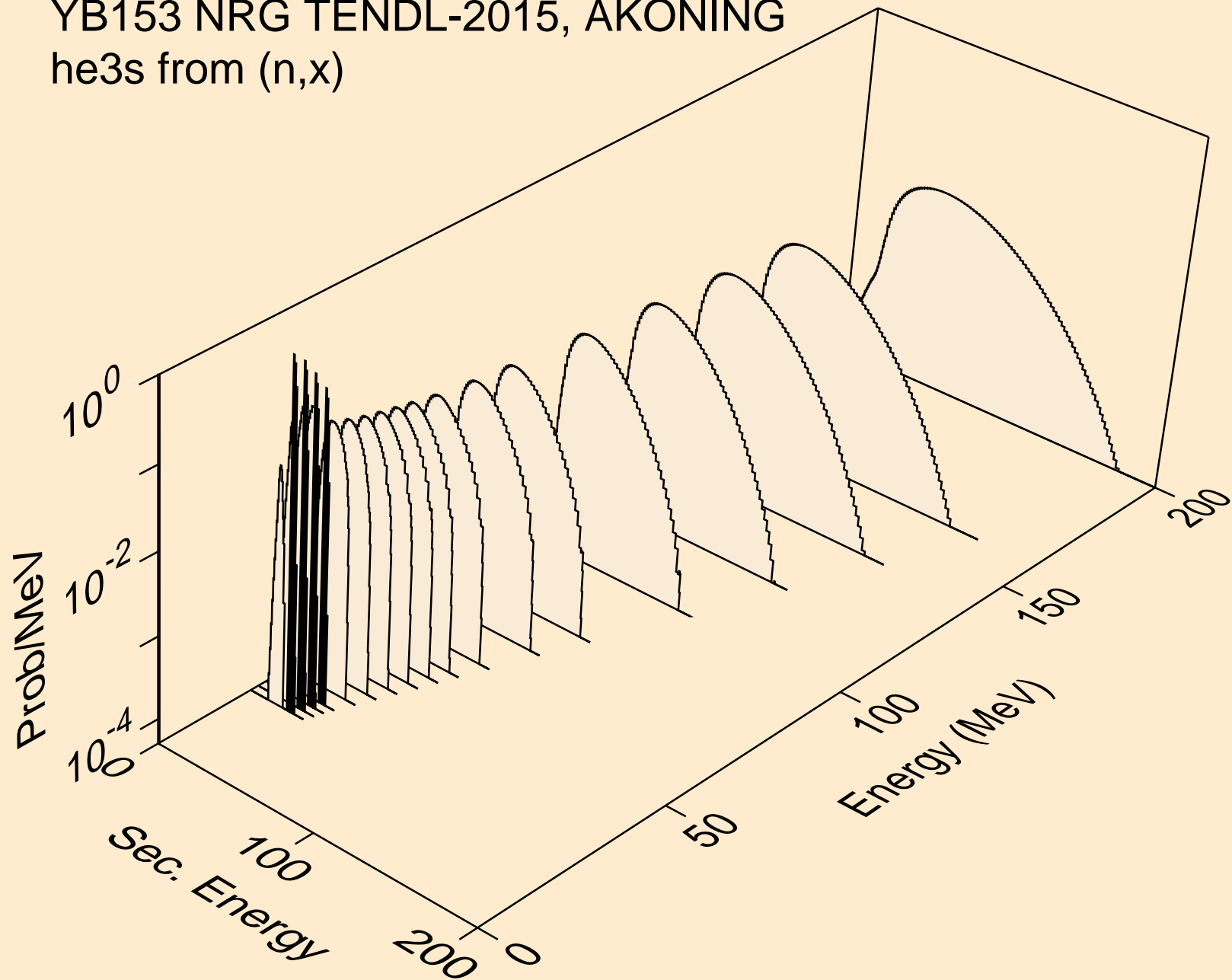
YB153 NRG TENDL-2015, AKONING  
tritons from (n,t)



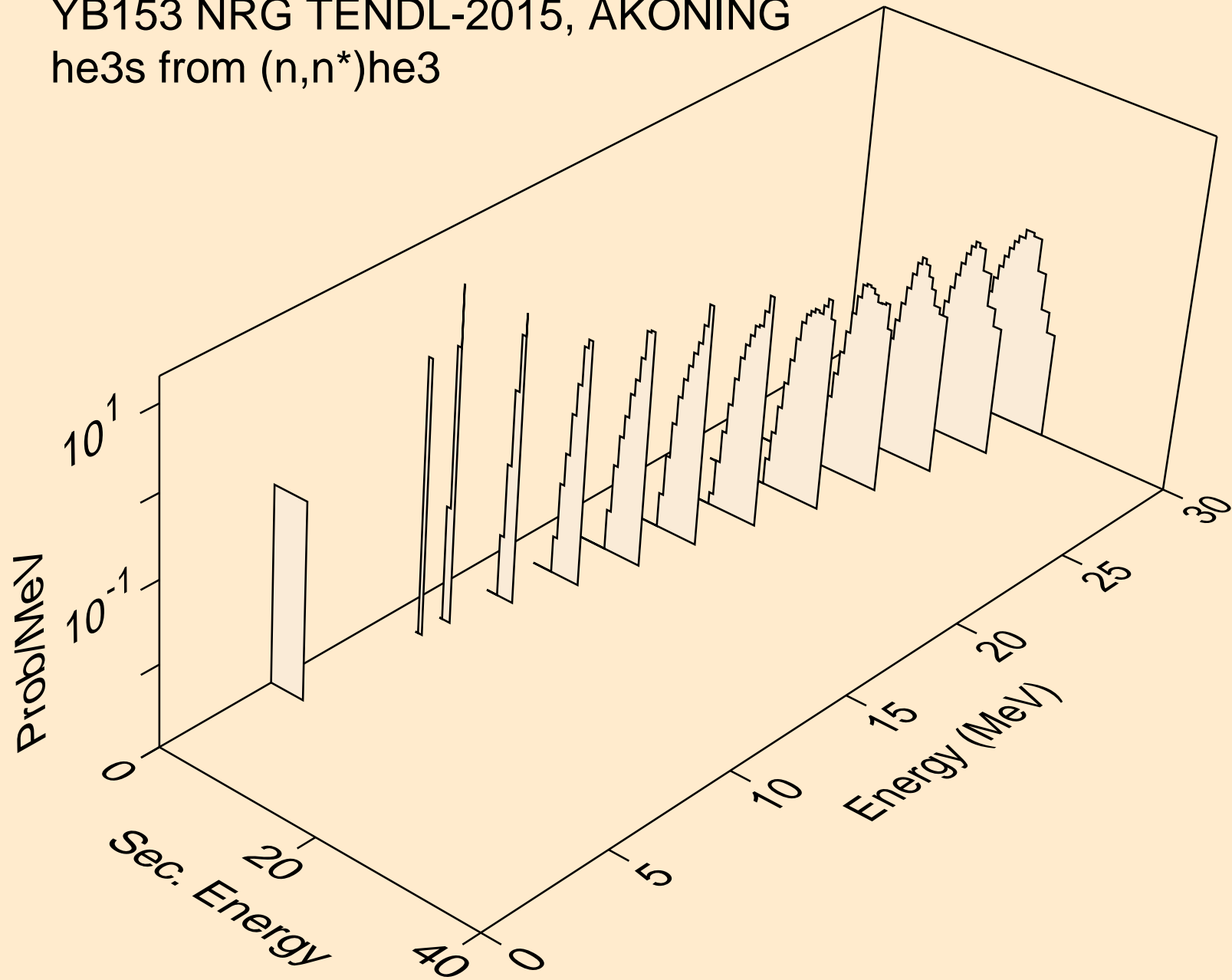
YB153 NRG TENDL-2015, AKONING  
tritons from (n,pt)



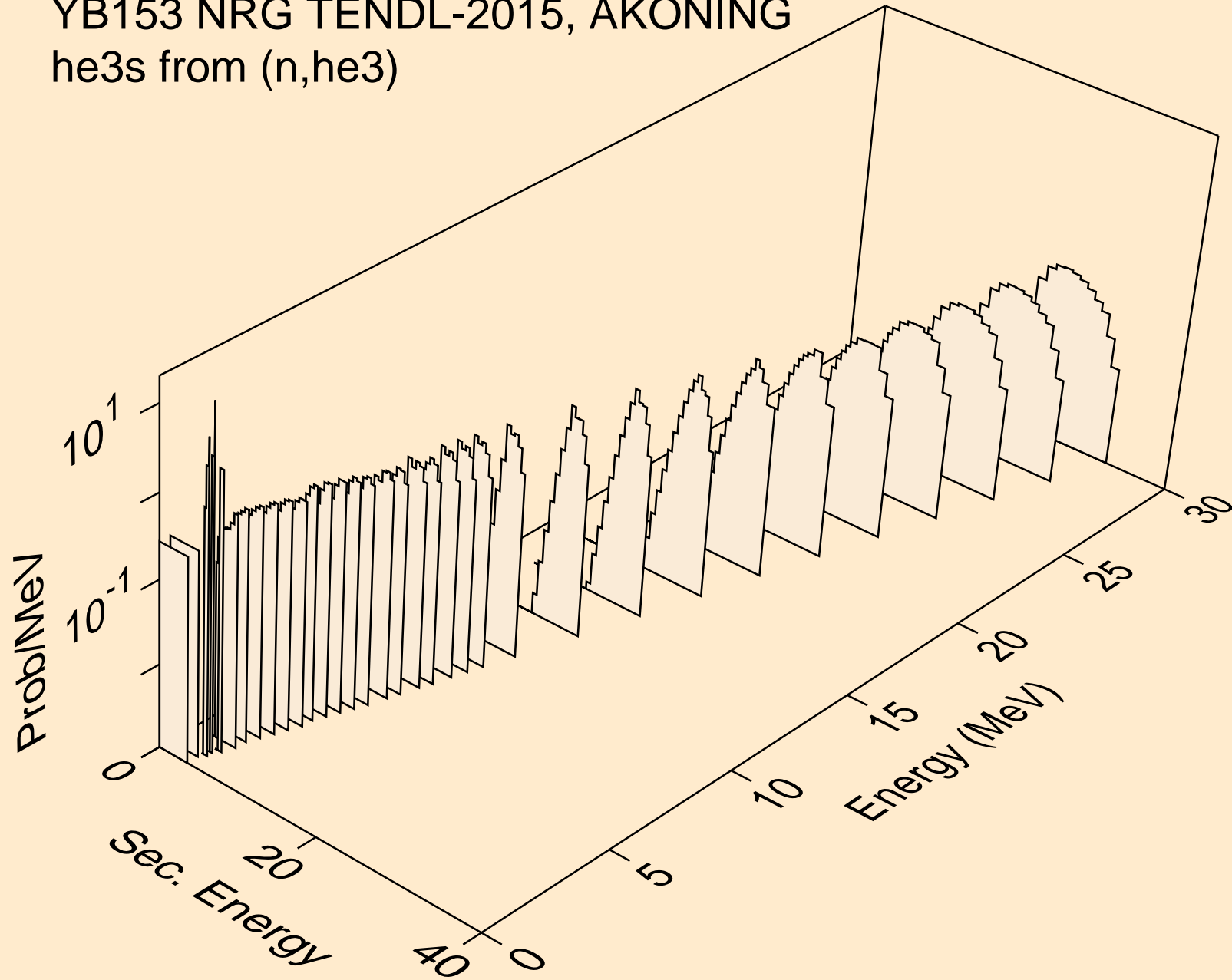
YB153 NRG TENDL-2015, AKONING  
he3s from (n,x)



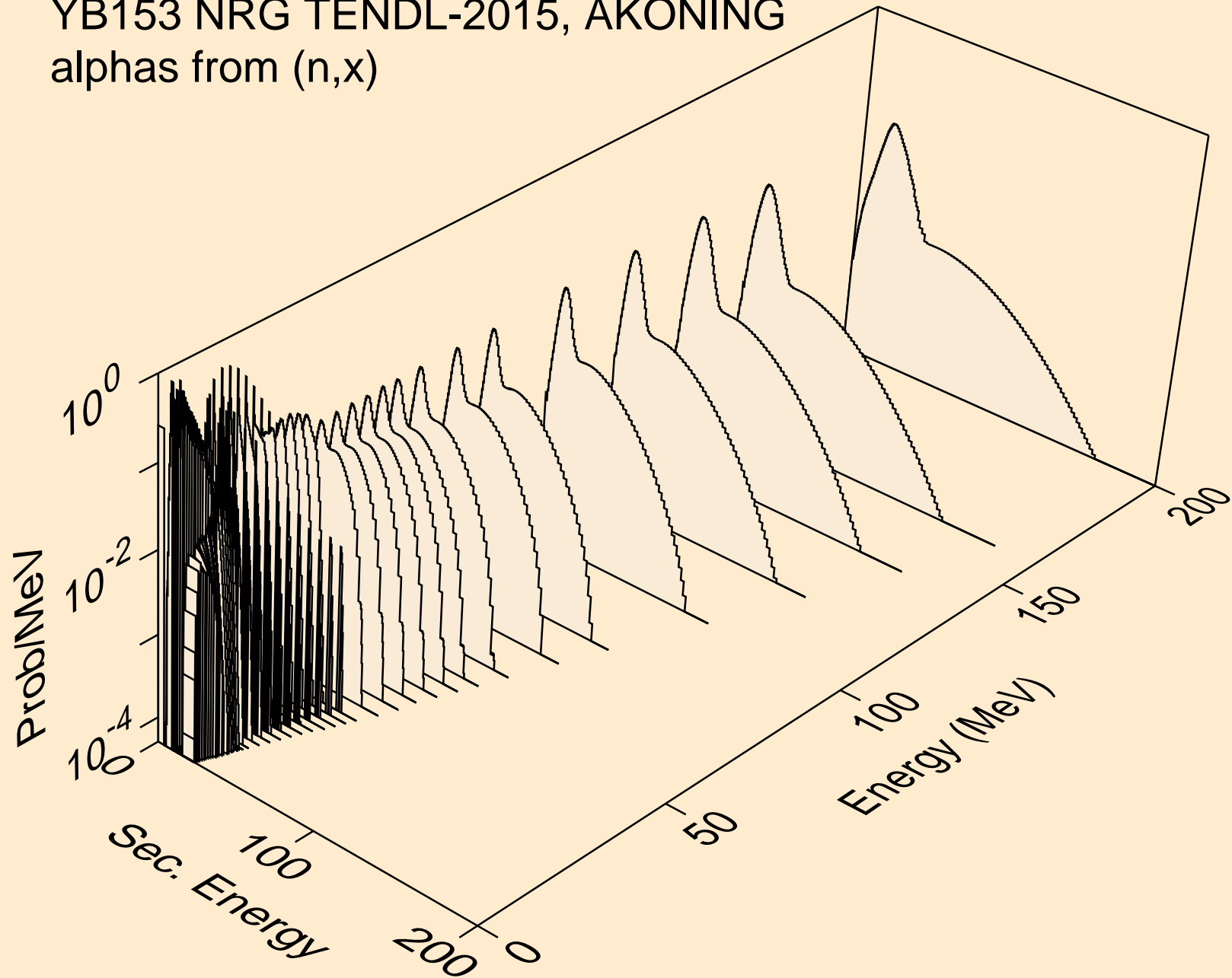
YB153 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



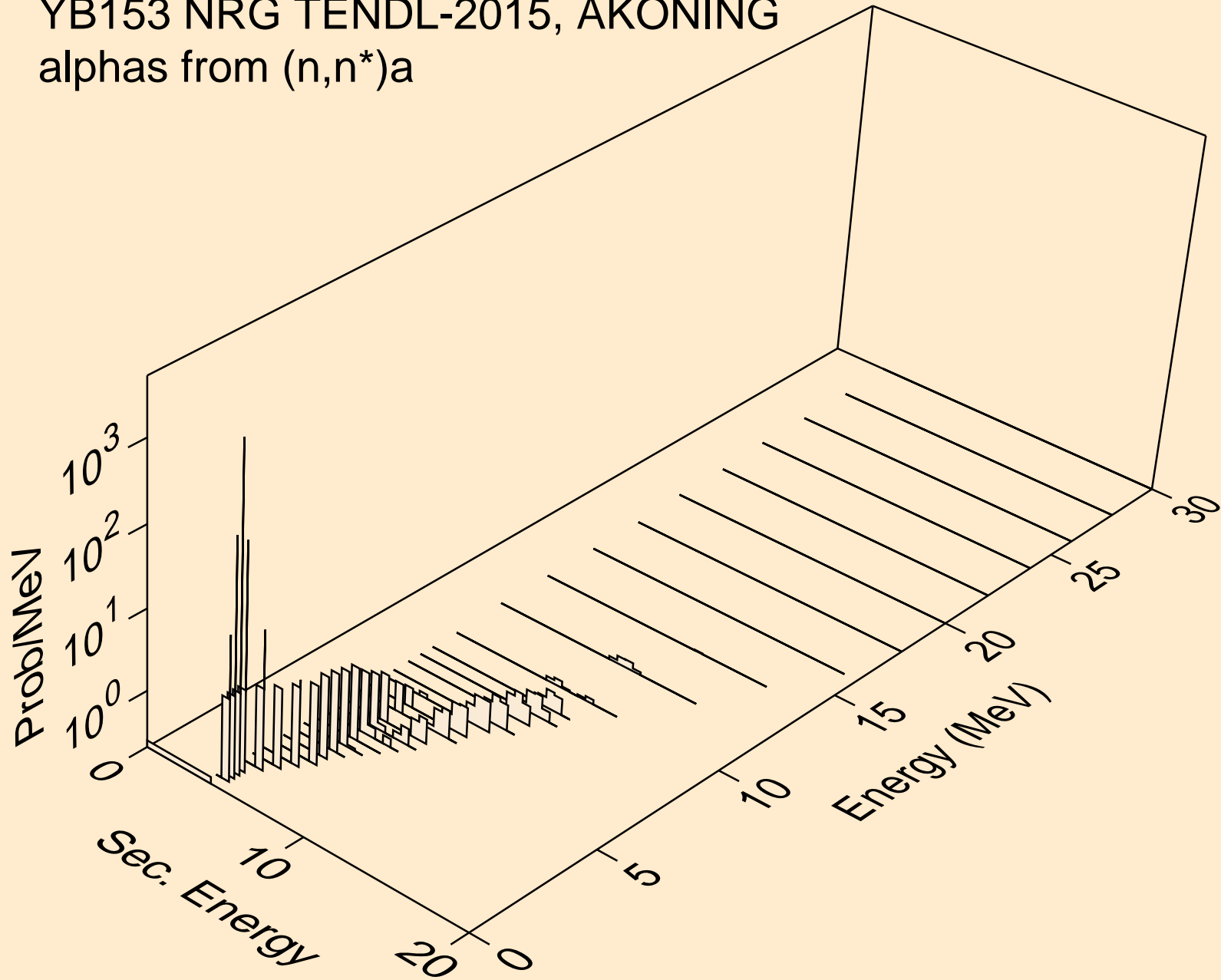
YB153 NRG TENDL-2015, AKONING  
he3s from (n,he3)



YB153 NRG TENDL-2015, AKONING  
alphas from (n,x)

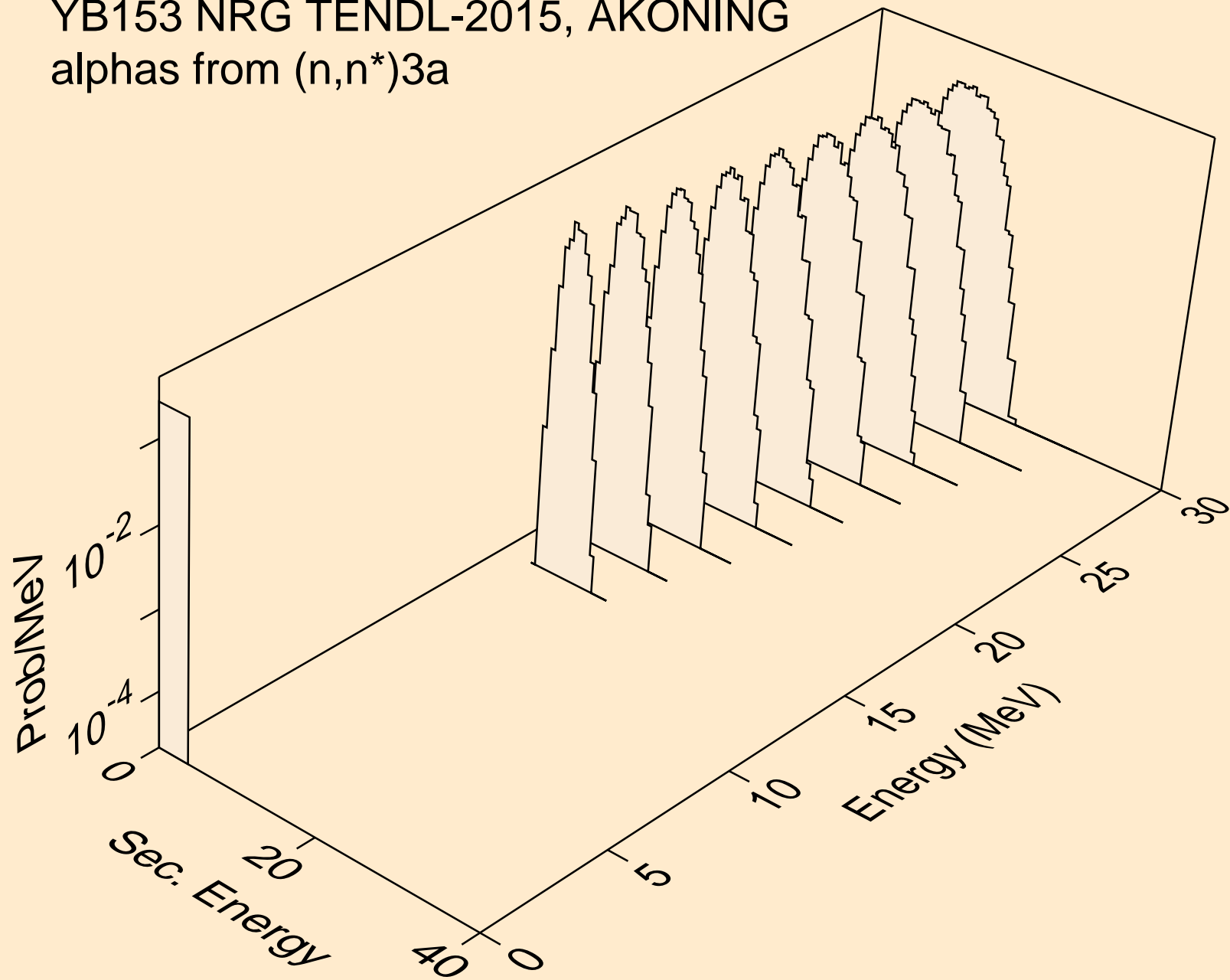


YB153 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a

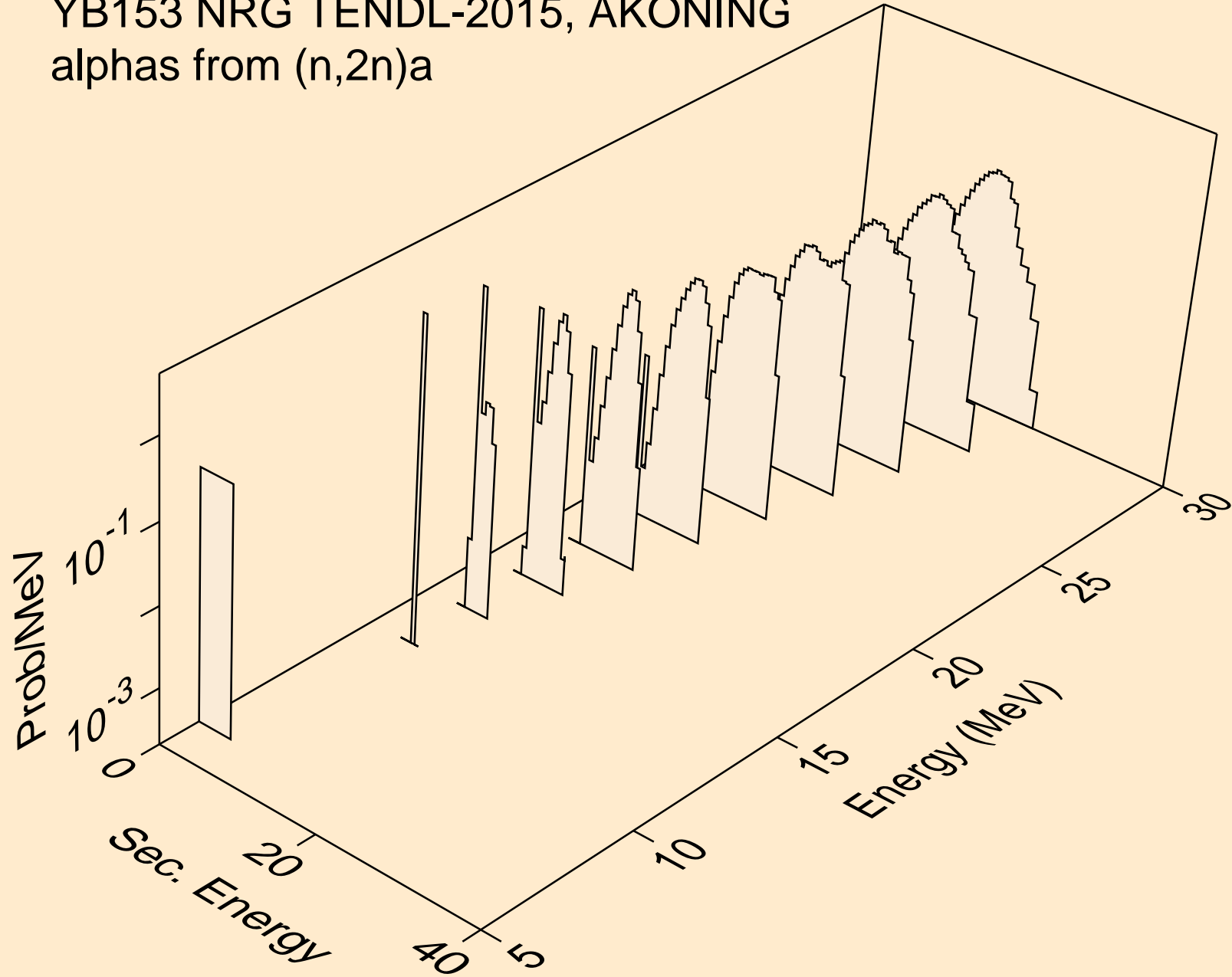




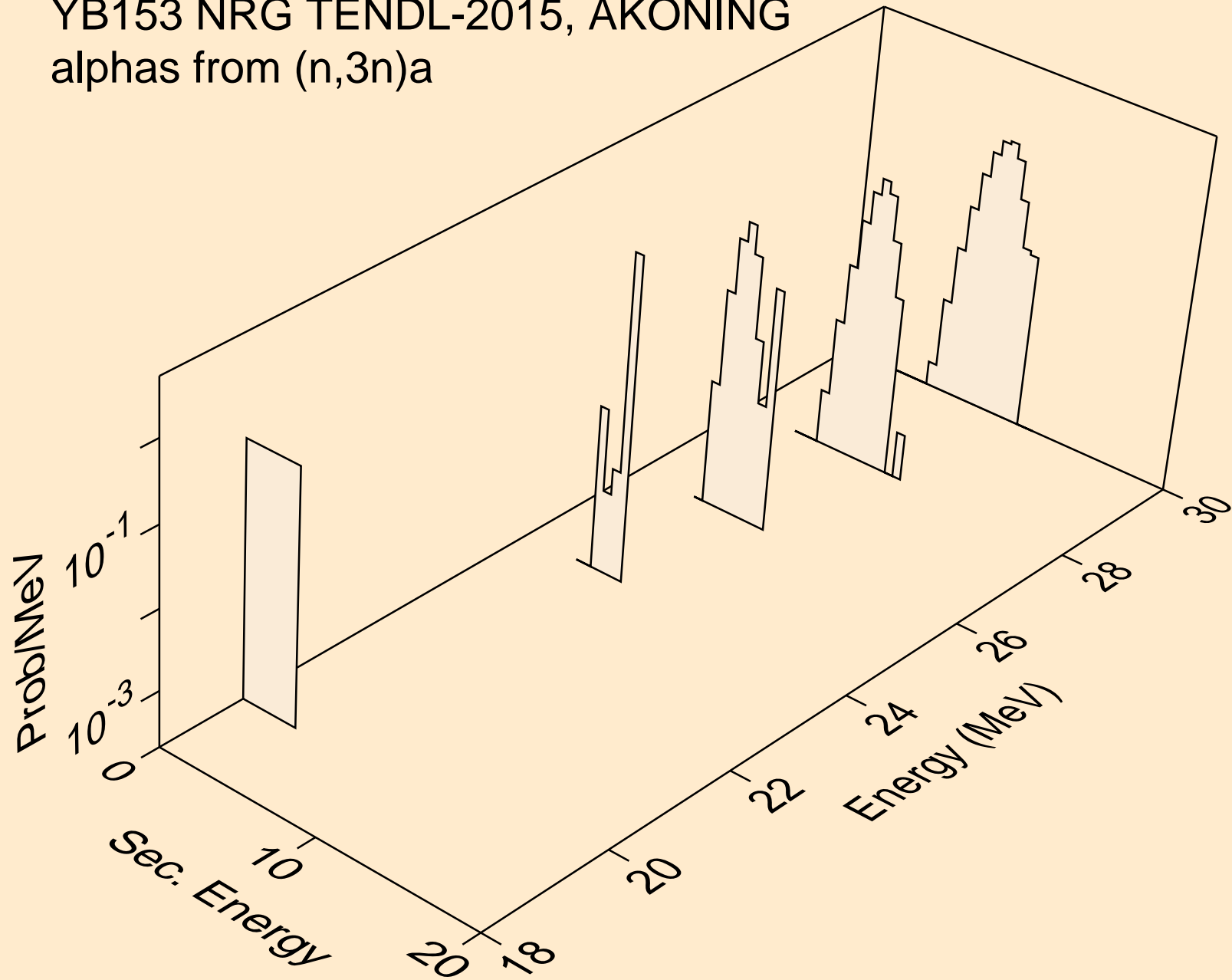
YB153 NRG TENDL-2015, AKONING  
alphas from (n,n\*)3a



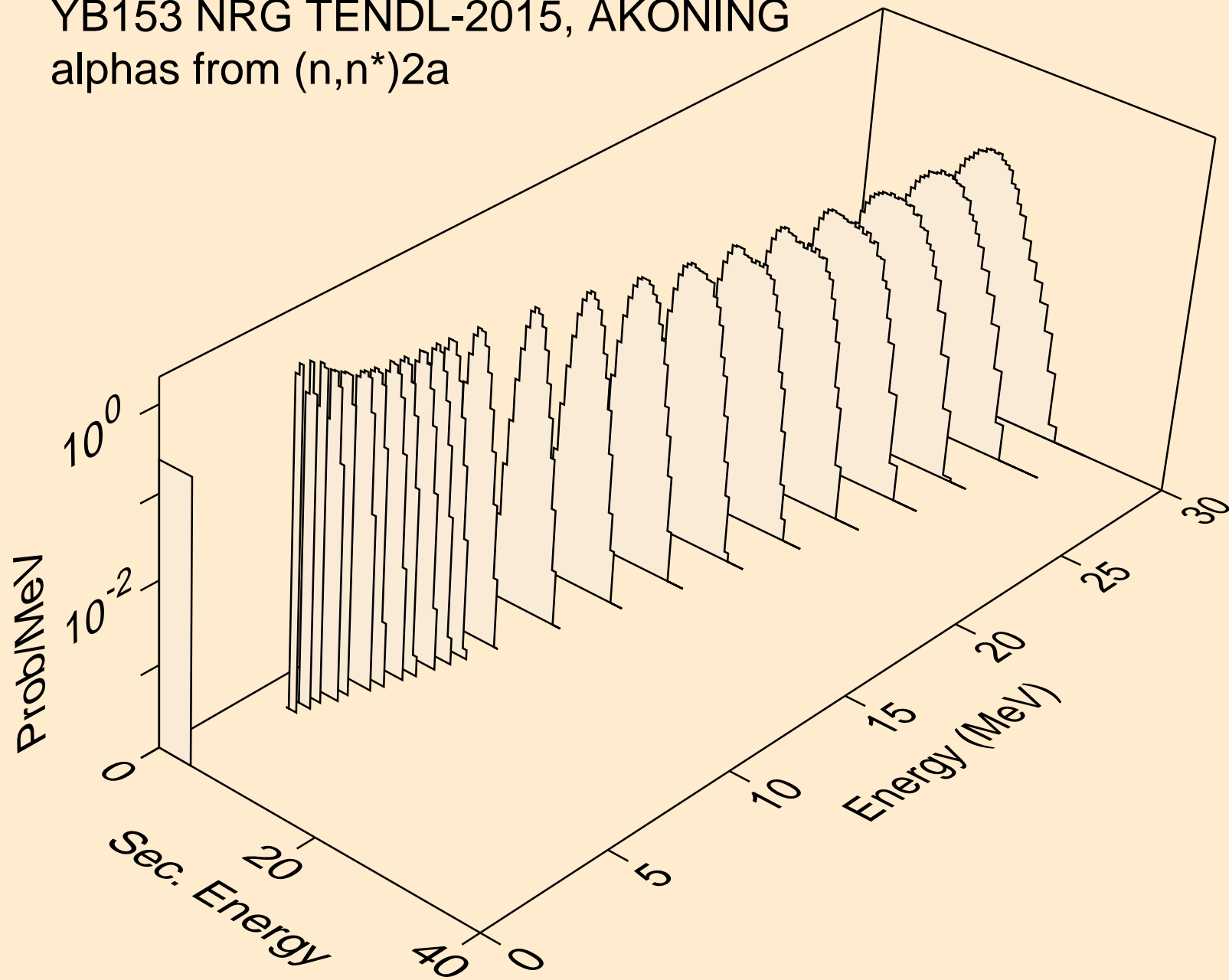
YB153 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



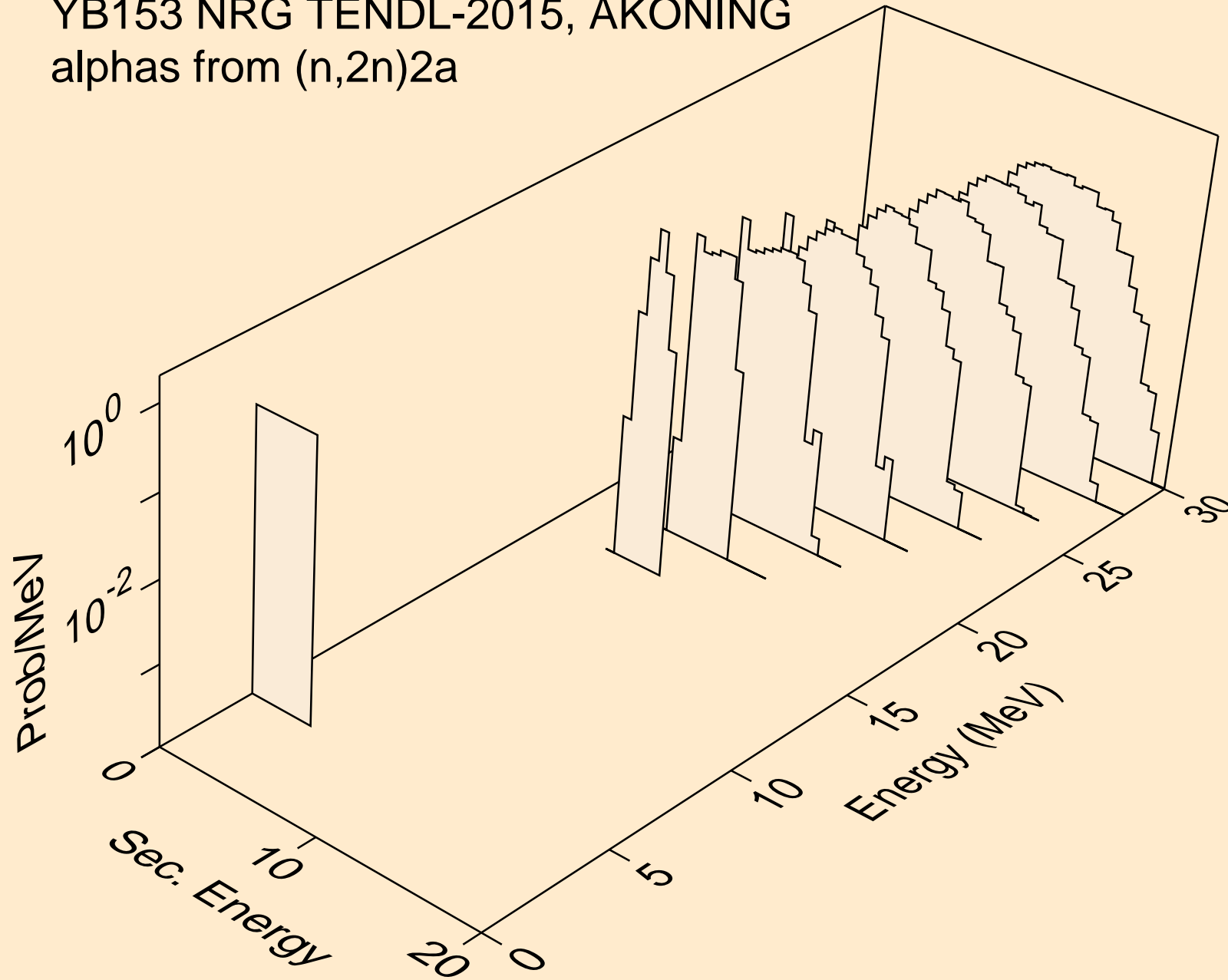
YB153 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



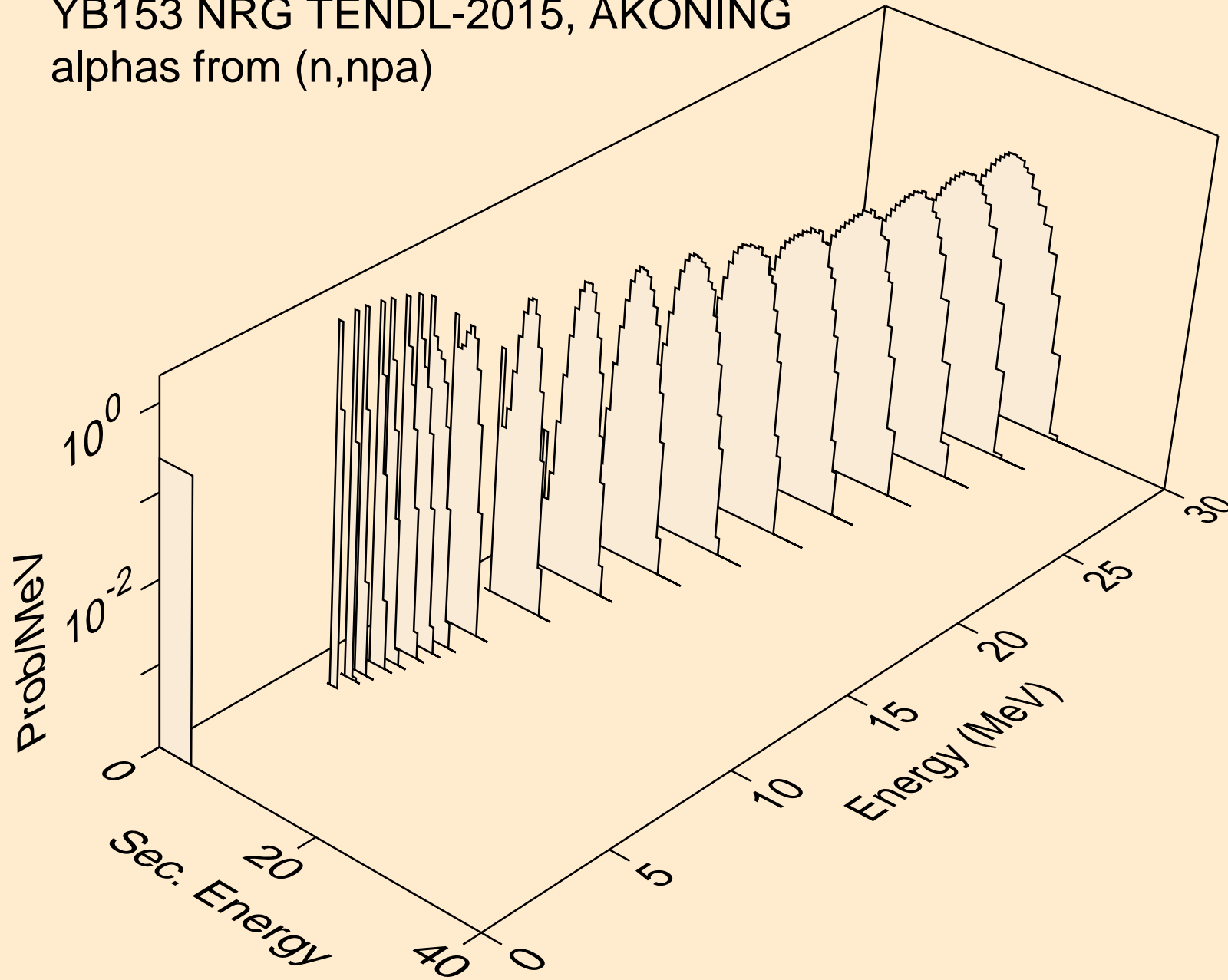
YB153 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



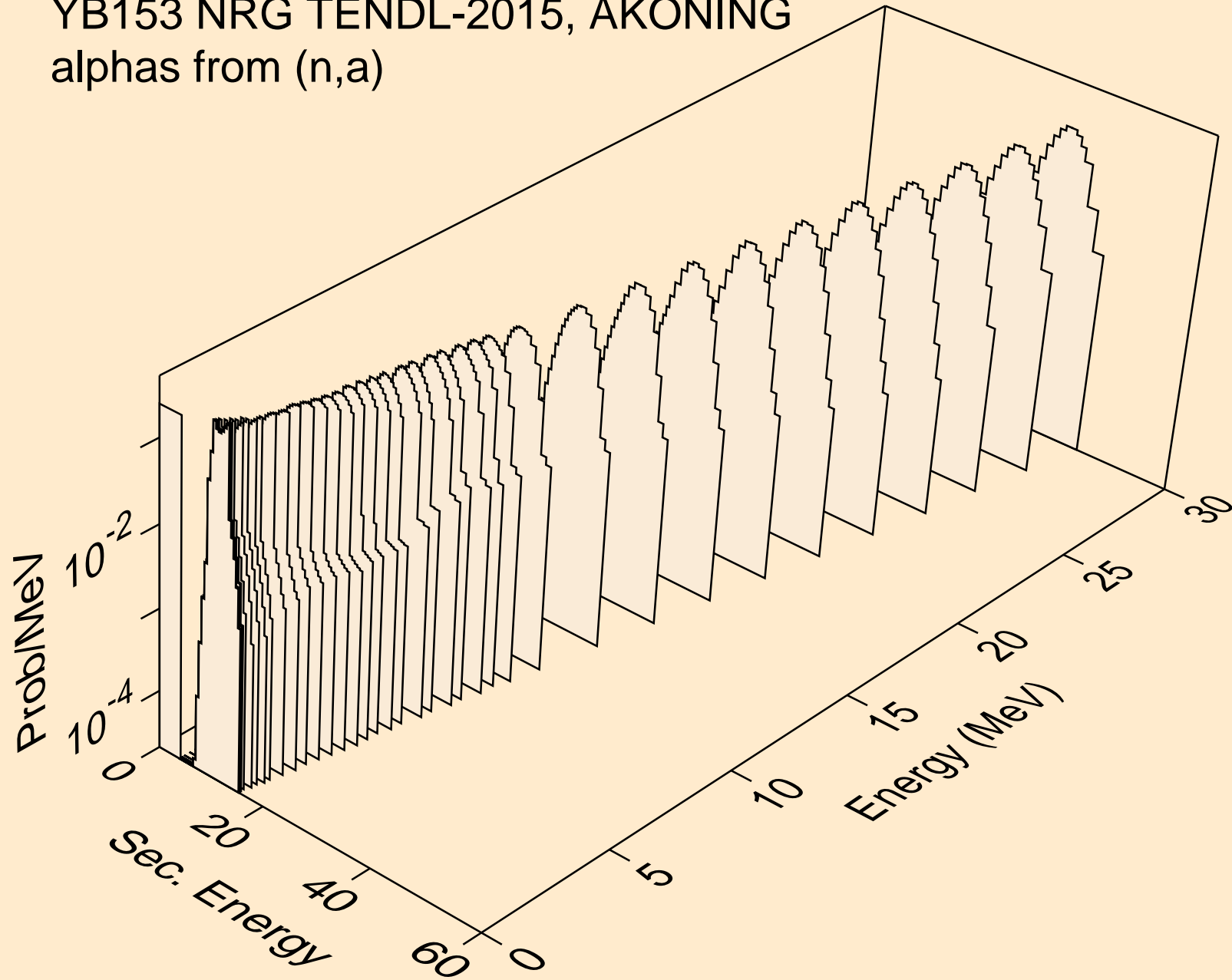
YB153 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



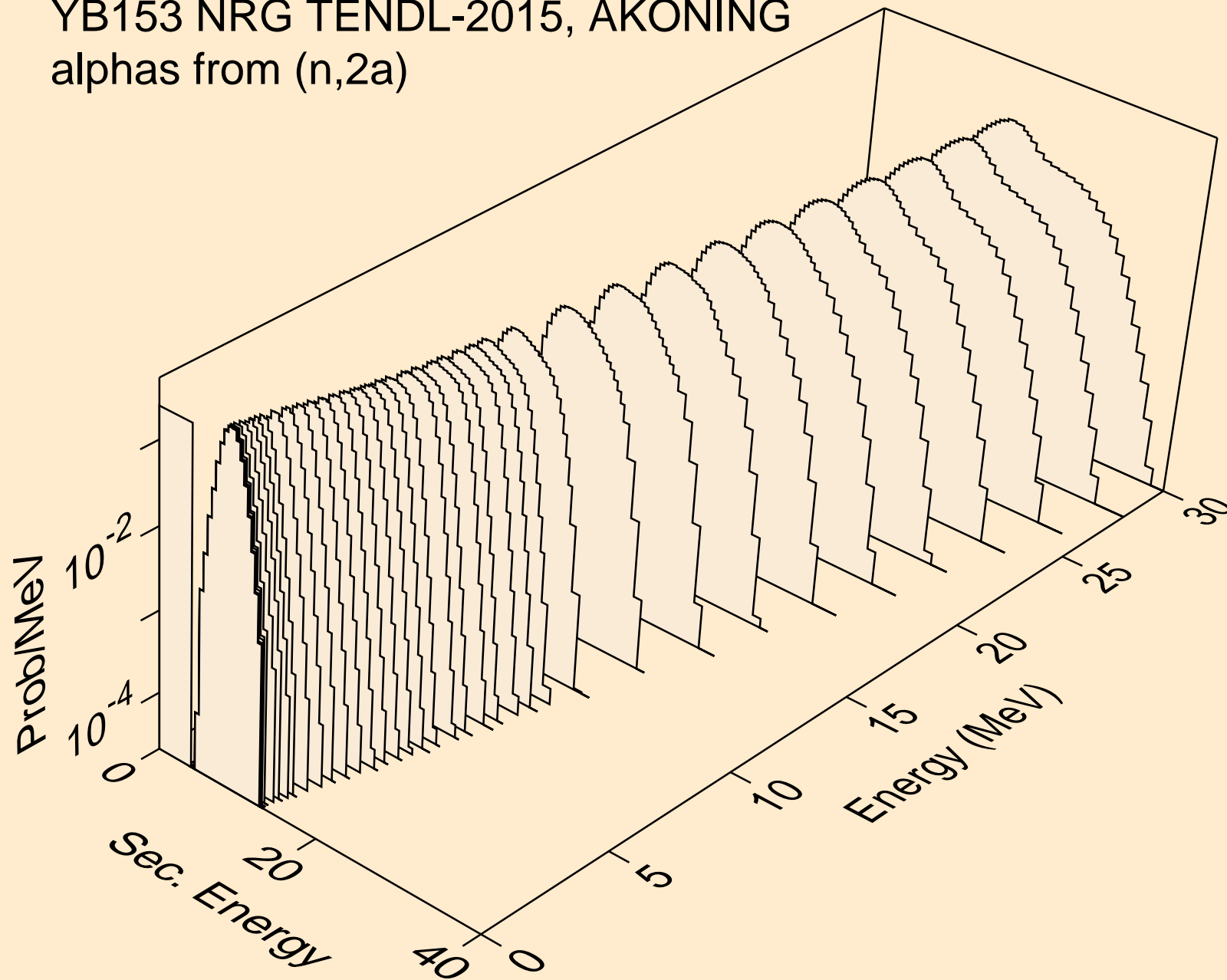
YB153 NRG TENDL-2015, AKONING  
alphas from (n,npa)



YB153 NRG TENDL-2015, AKONING  
alphas from (n,a)

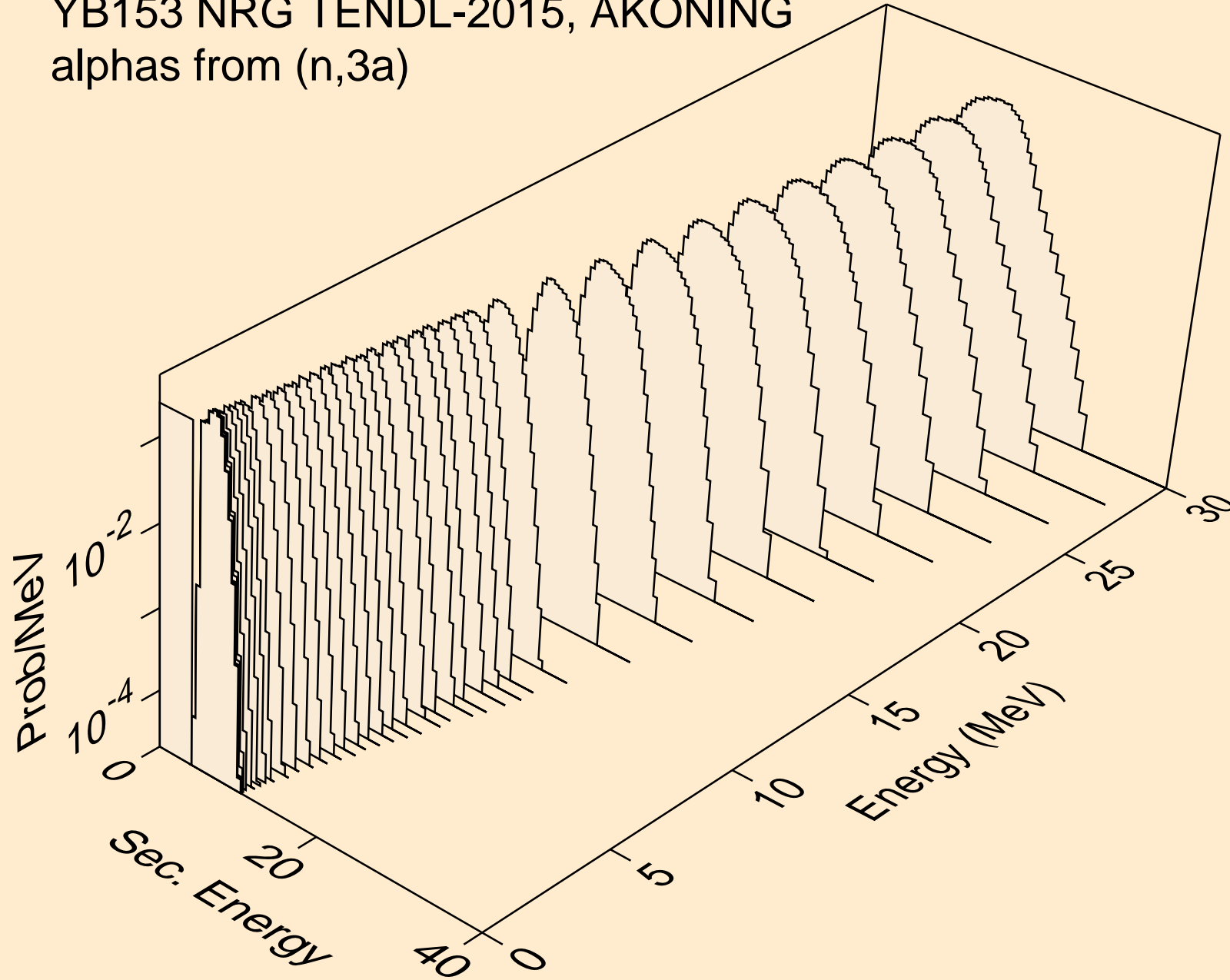


YB153 NRG TENDL-2015, AKONING  
alphas from (n,2a)

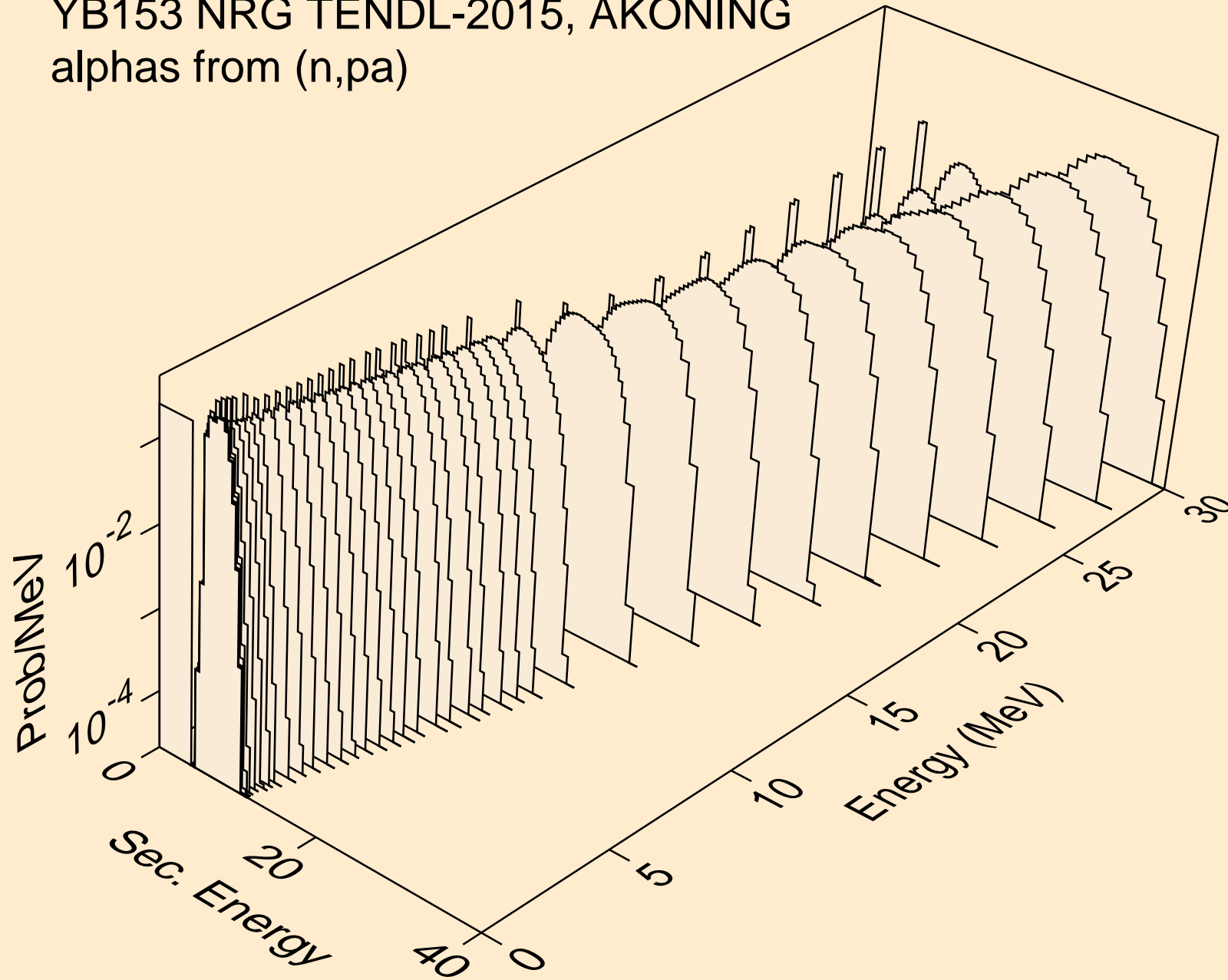




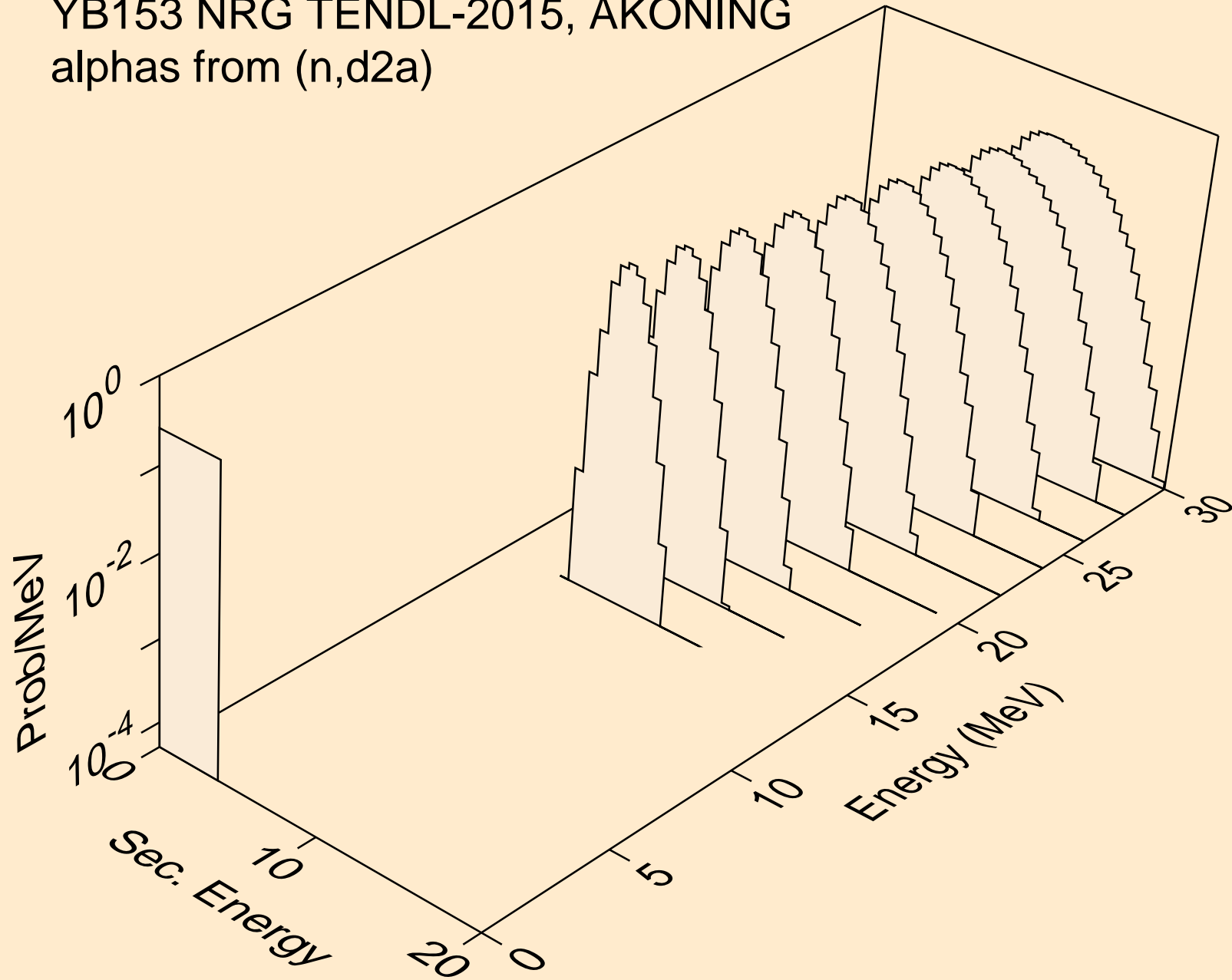
YB153 NRG TENDL-2015, AKONING  
alphas from (n,3a)



YB153 NRG TENDL-2015, AKONING  
alphas from (n,pa)



YB153 NRG TENDL-2015, AKONING  
alphas from (n,d2a)



YB153 NRG TENDL-2015, AKONING  
alphas from (n,da)

