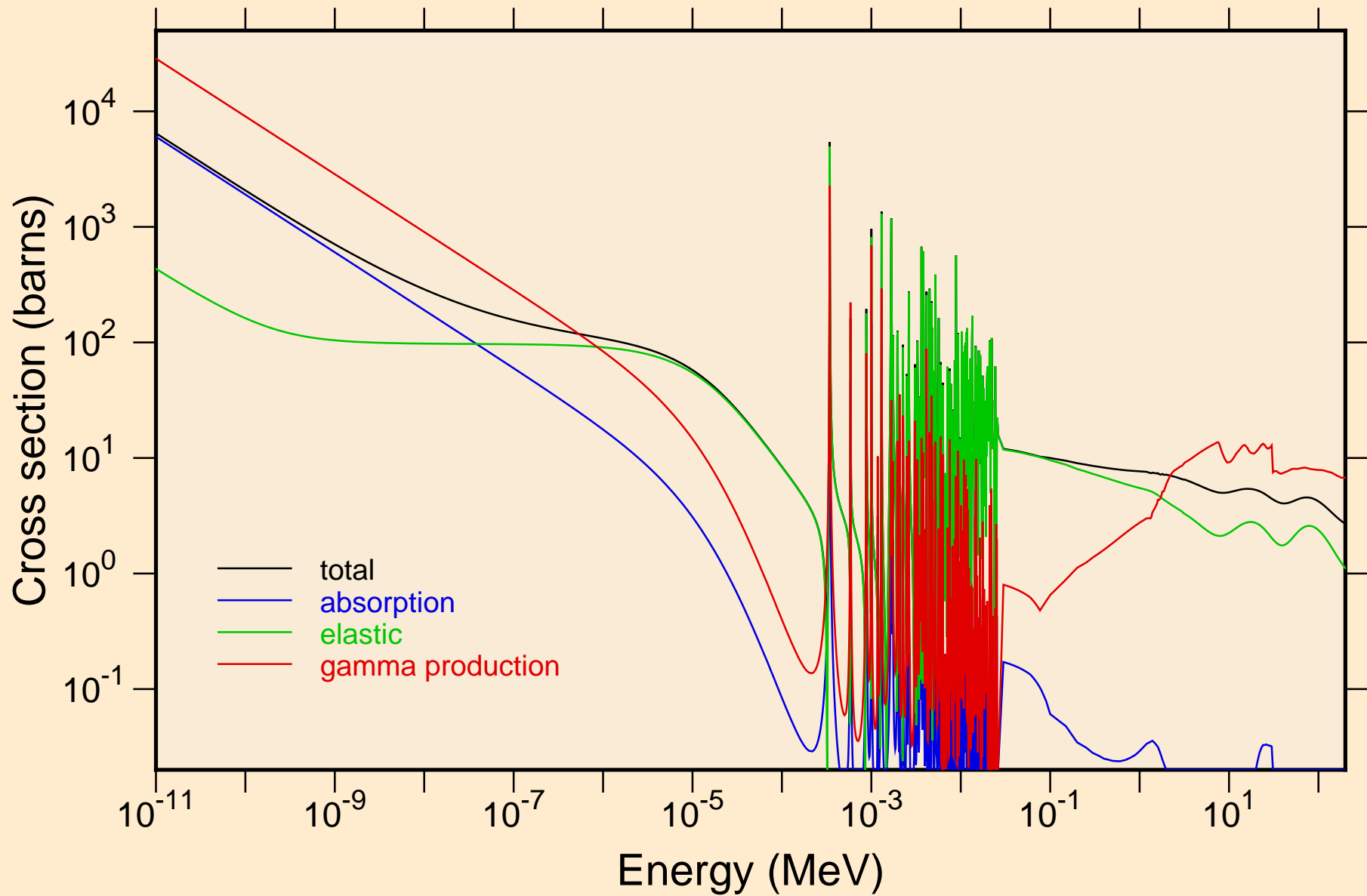
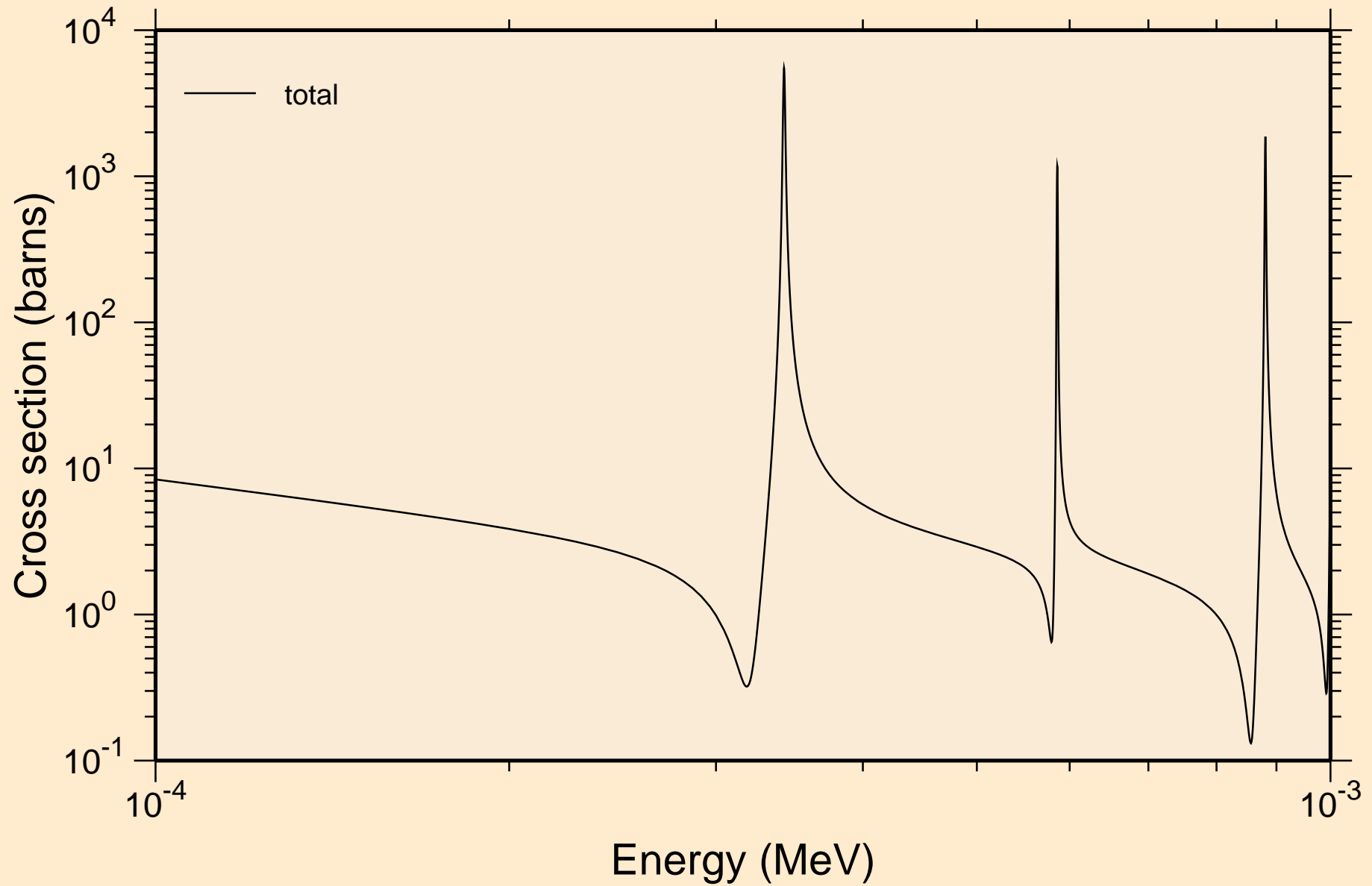


# YB174 NRG TENDL-2015, AKONING

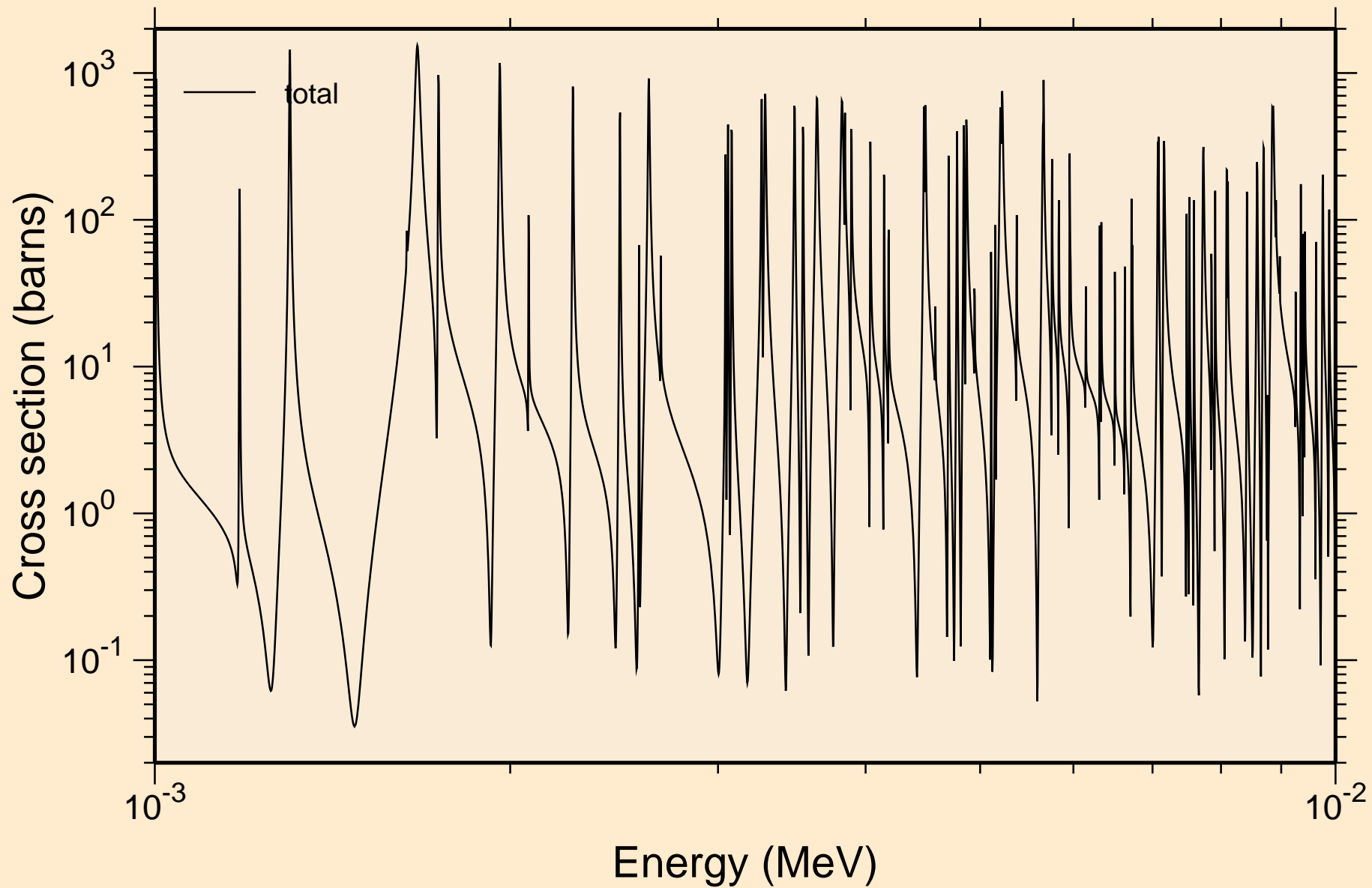
## Principal cross sections



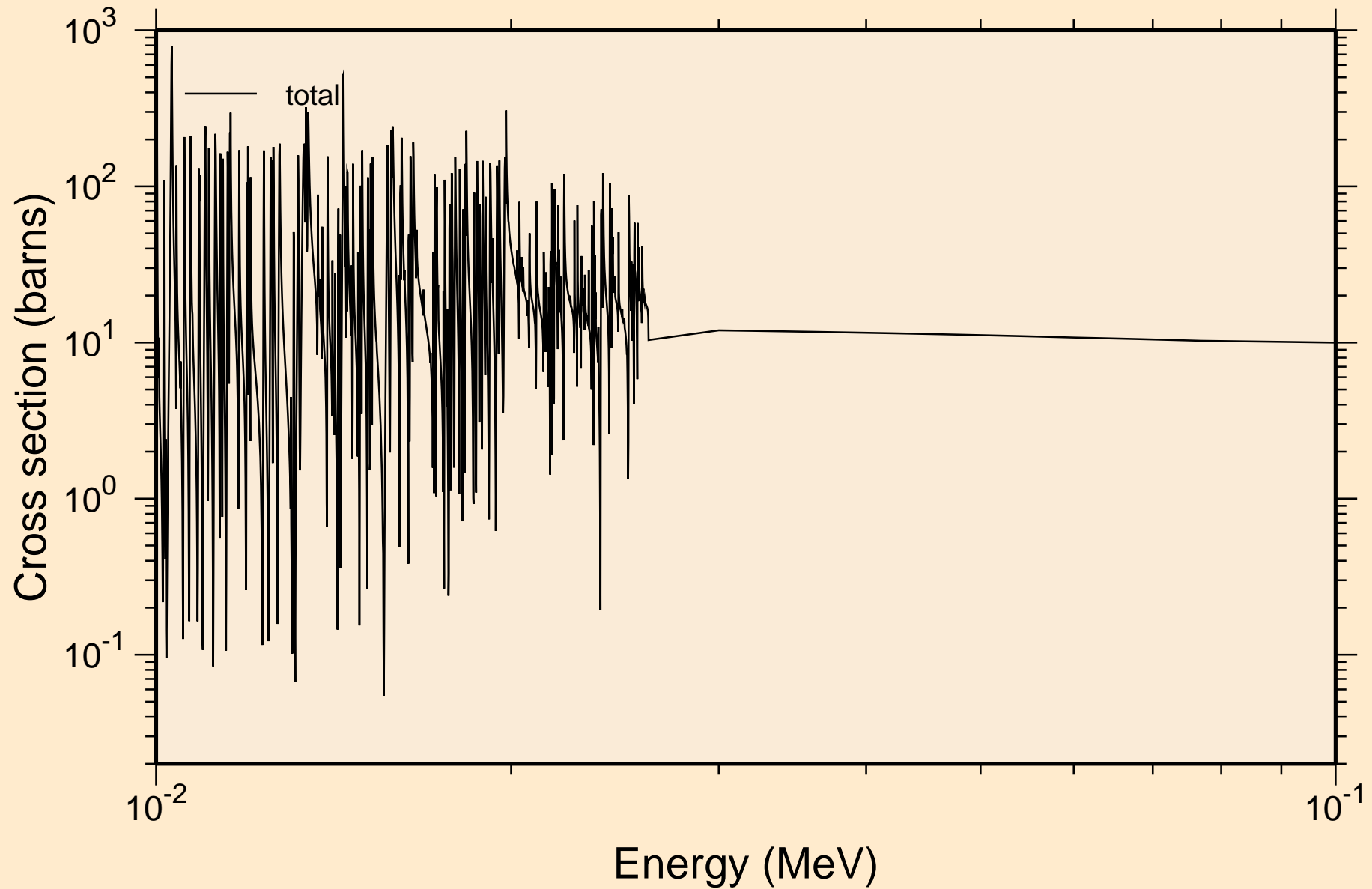
YB174 NRG TENDL-2015, AKONING  
resonance total cross section



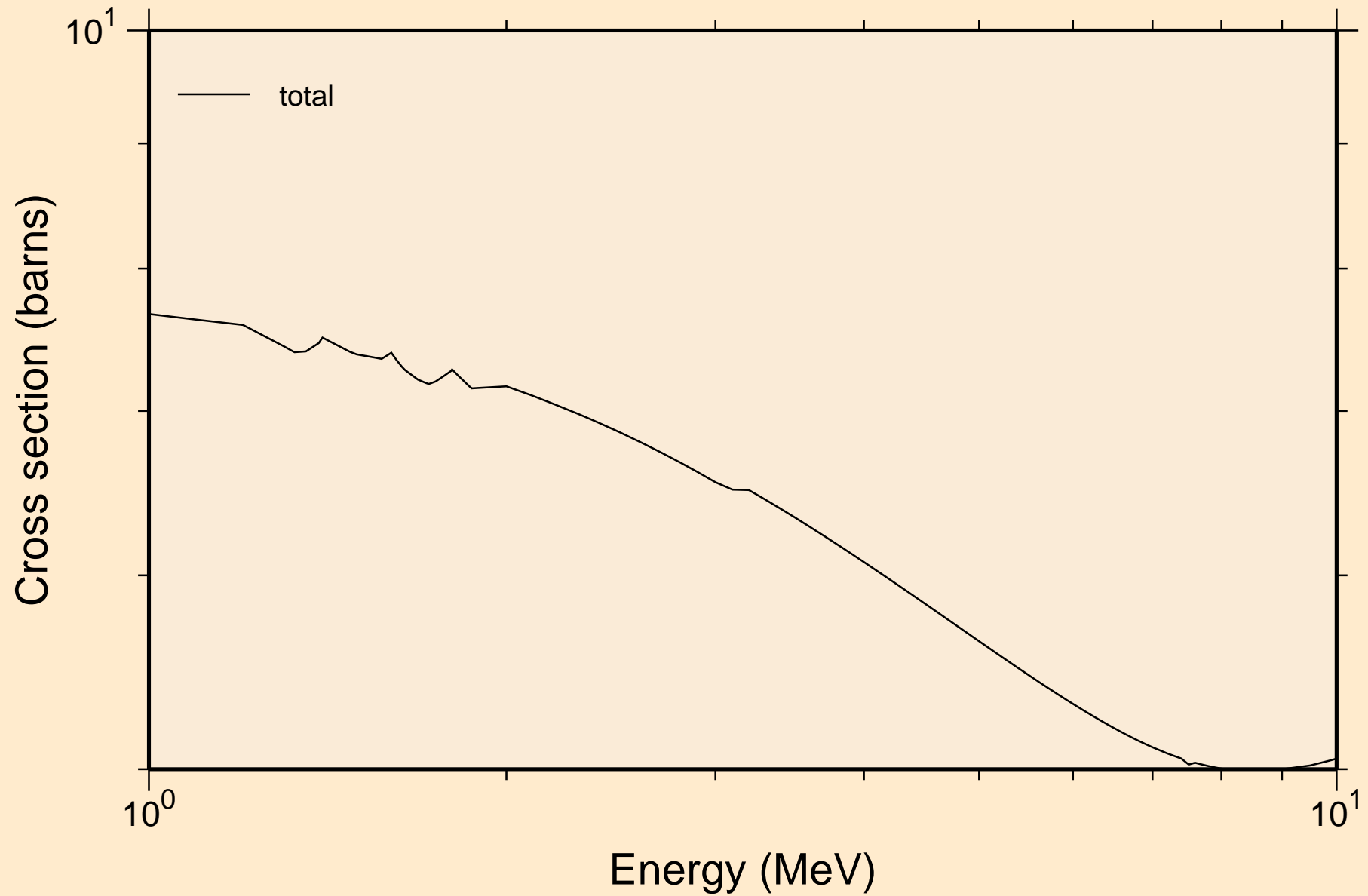
YB174 NRG TENDL-2015, AKONING  
resonance total cross section



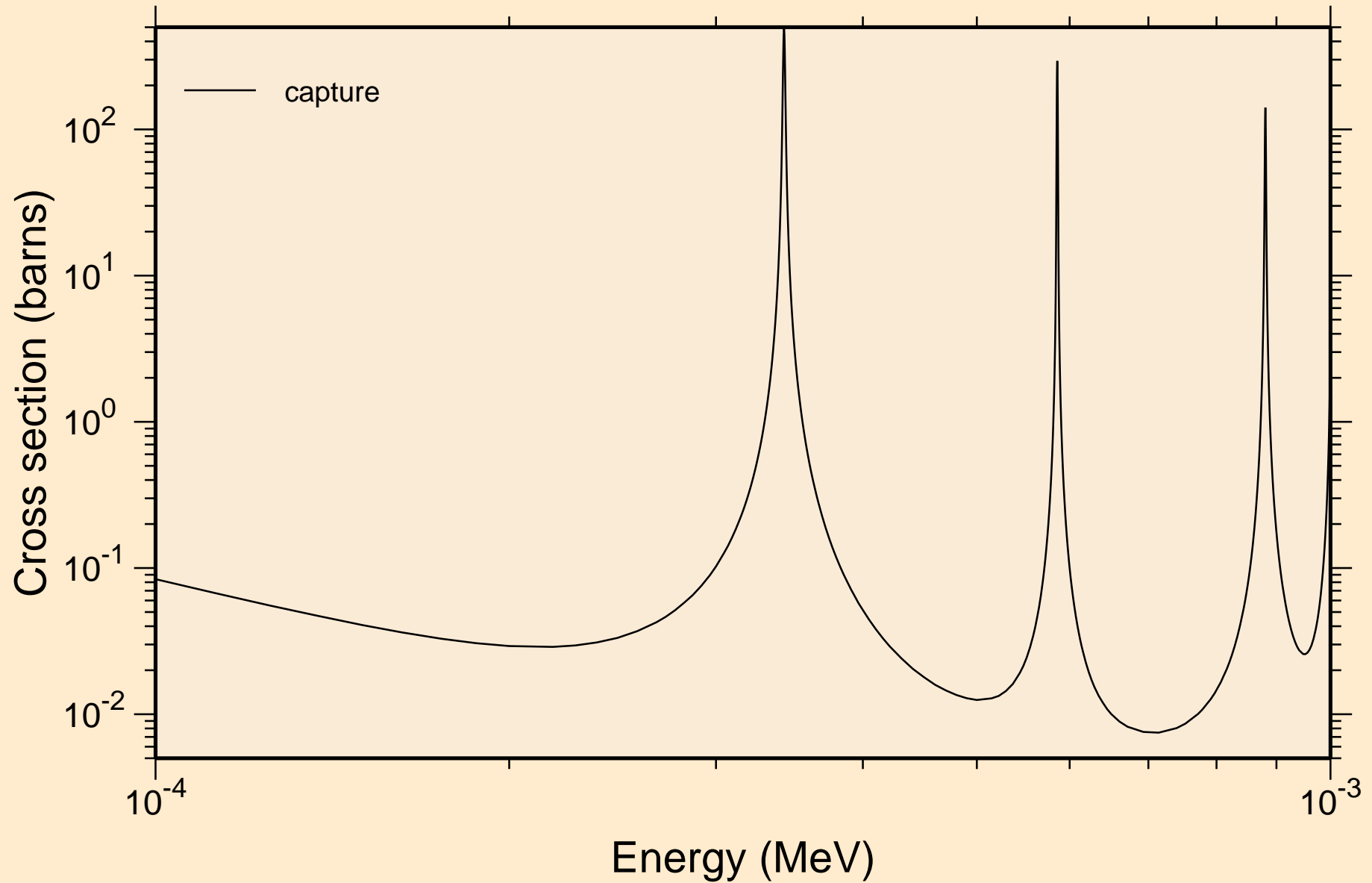
YB174 NRG TENDL-2015, AKONING  
resonance total cross section



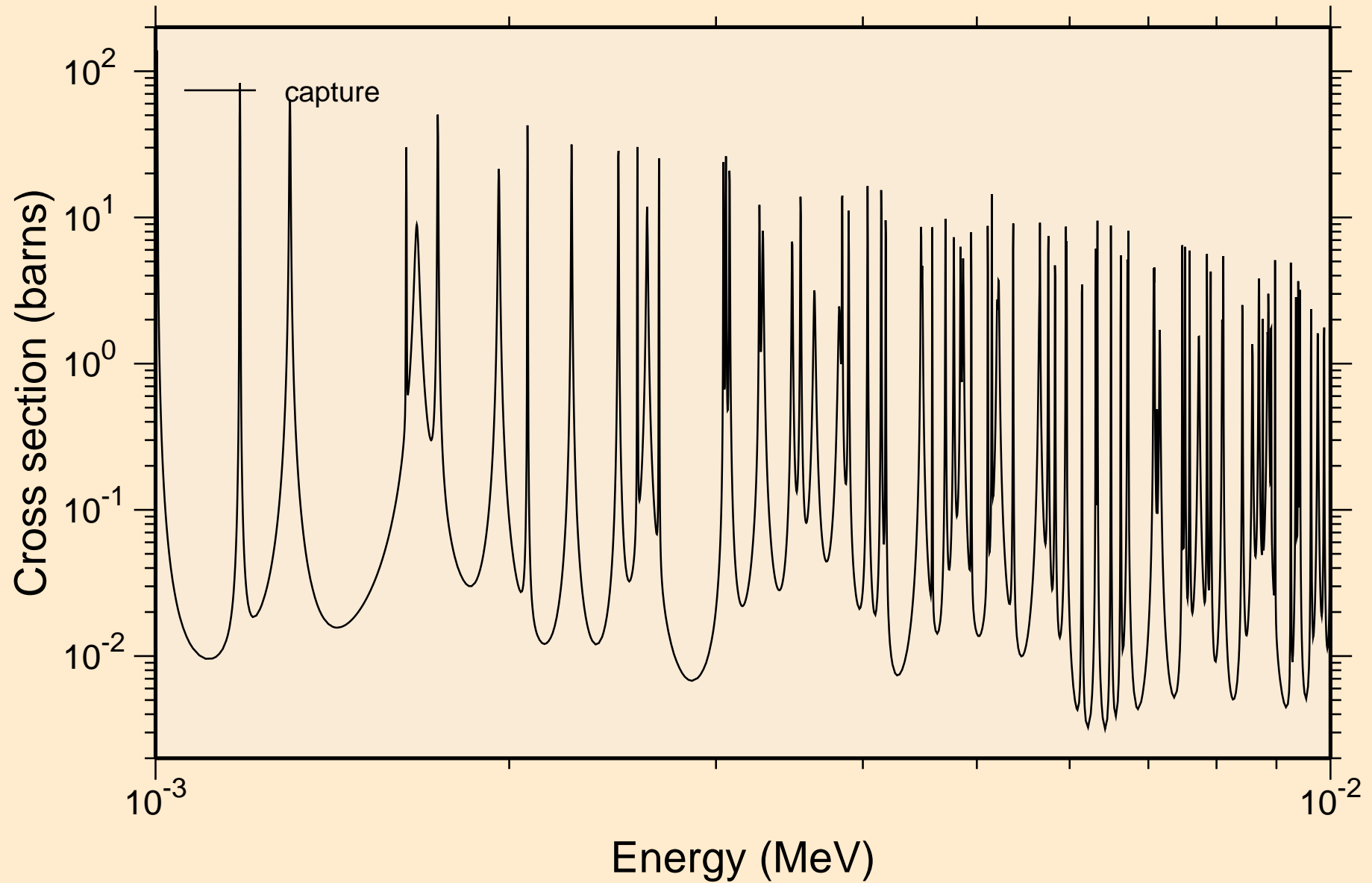
YB174 NRG TENDL-2015, AKONING  
resonance total cross section



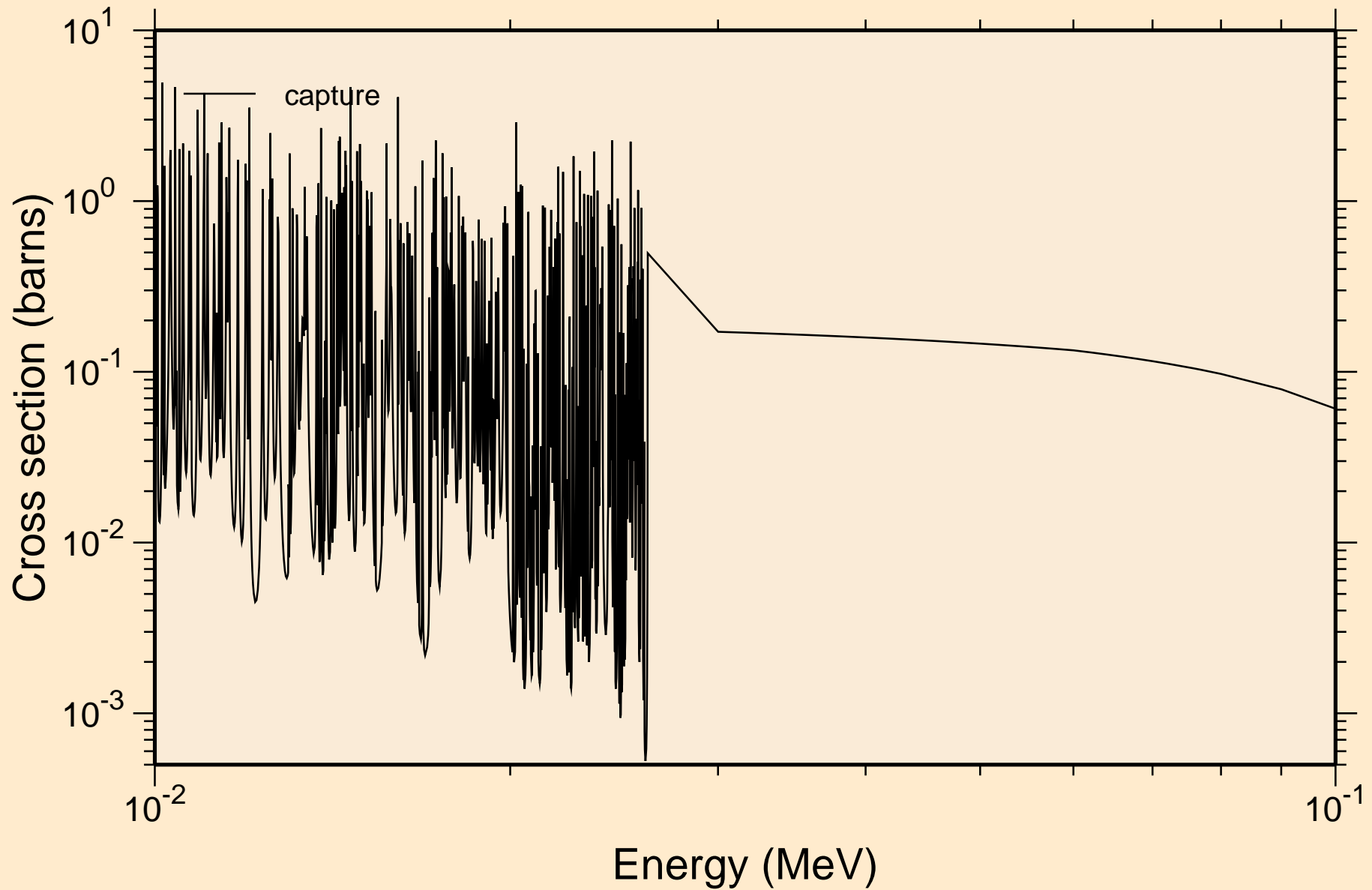
YB174 NRG TENDL-2015, AKONING  
resonance absorption cross sections



YB174 NRG TENDL-2015, AKONING  
resonance absorption cross sections

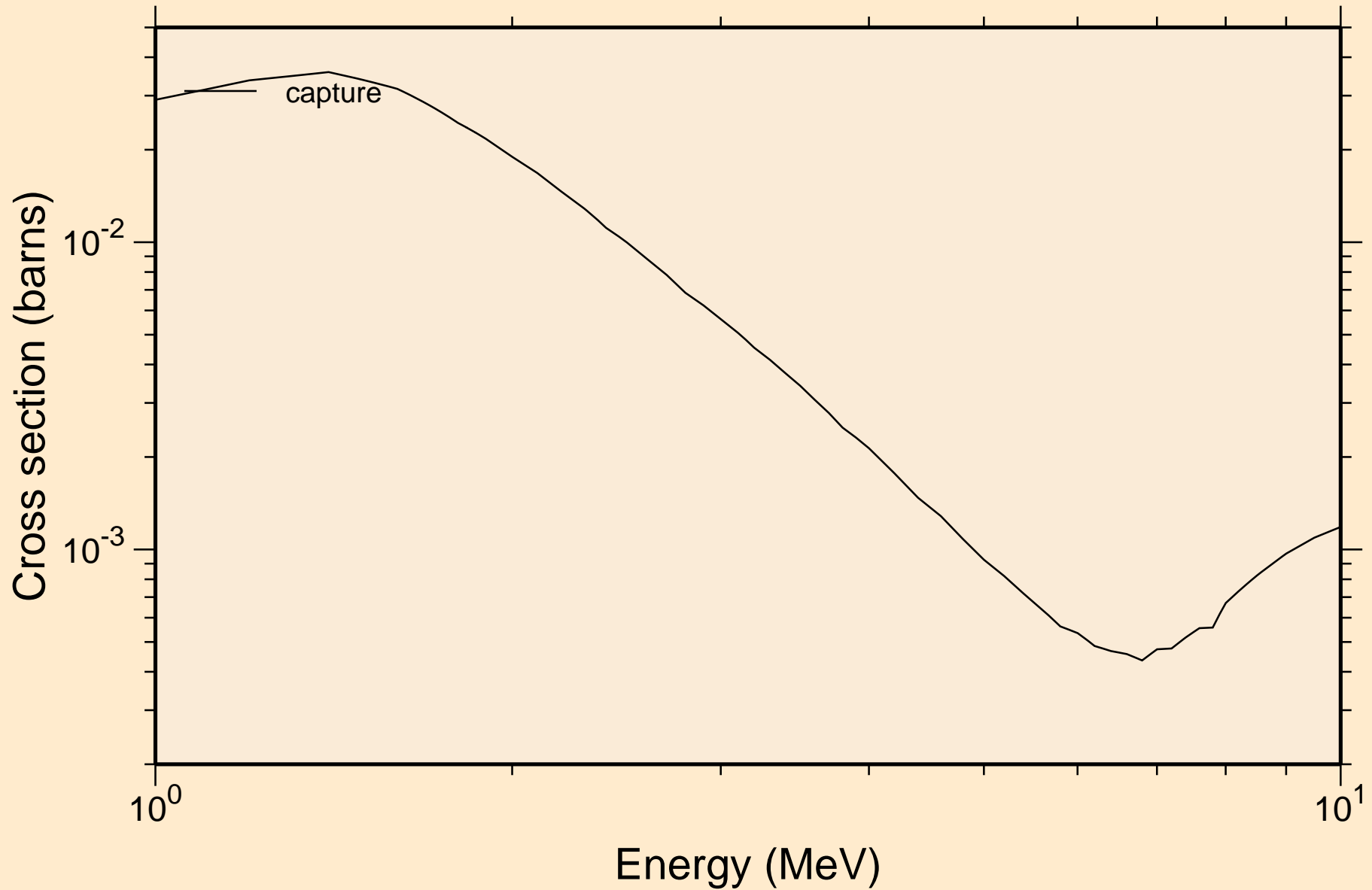


YB174 NRG TENDL-2015, AKONING  
resonance absorption cross sections



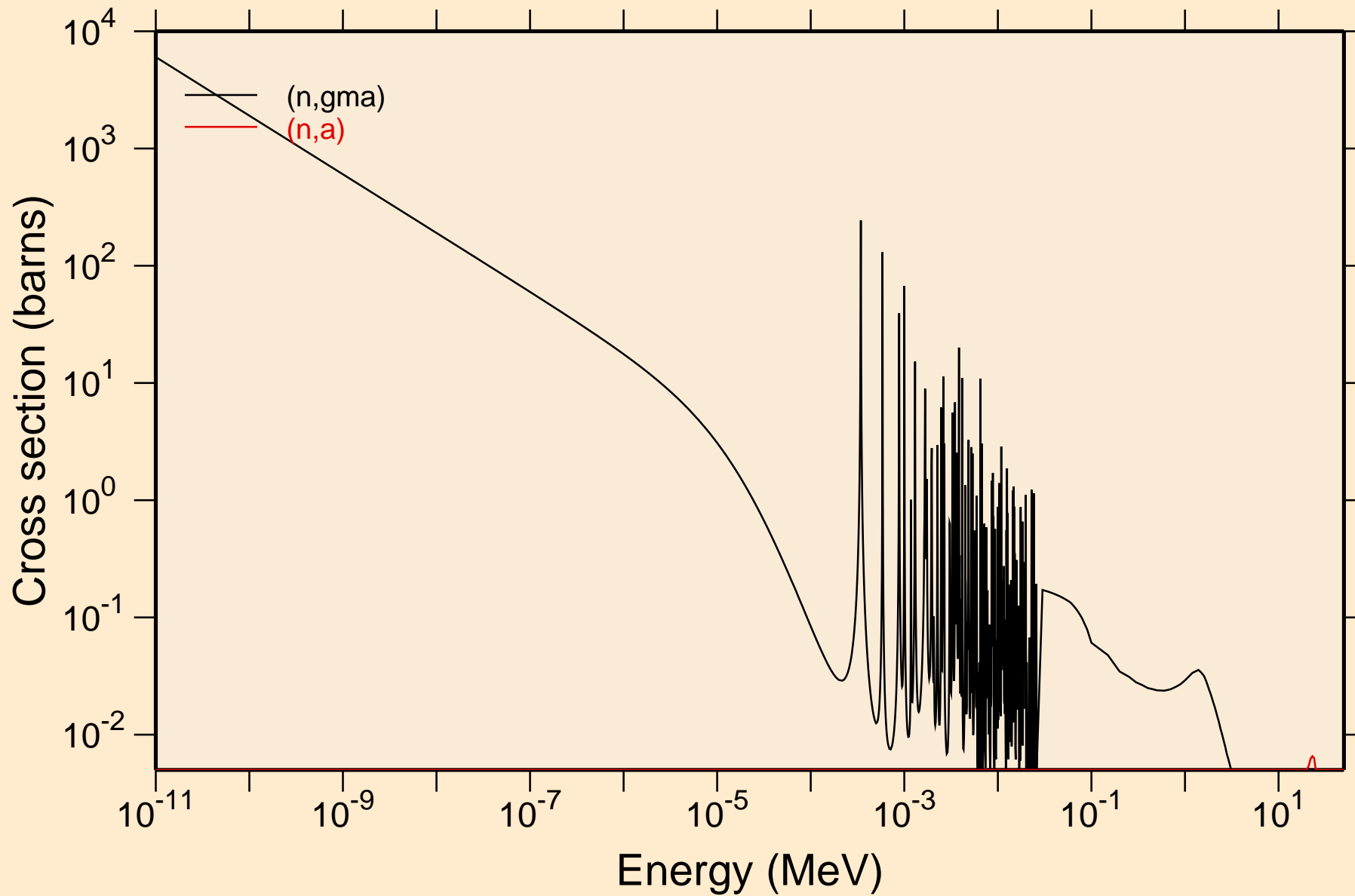


YB174 NRG TENDL-2015, AKONING  
resonance absorption cross sections



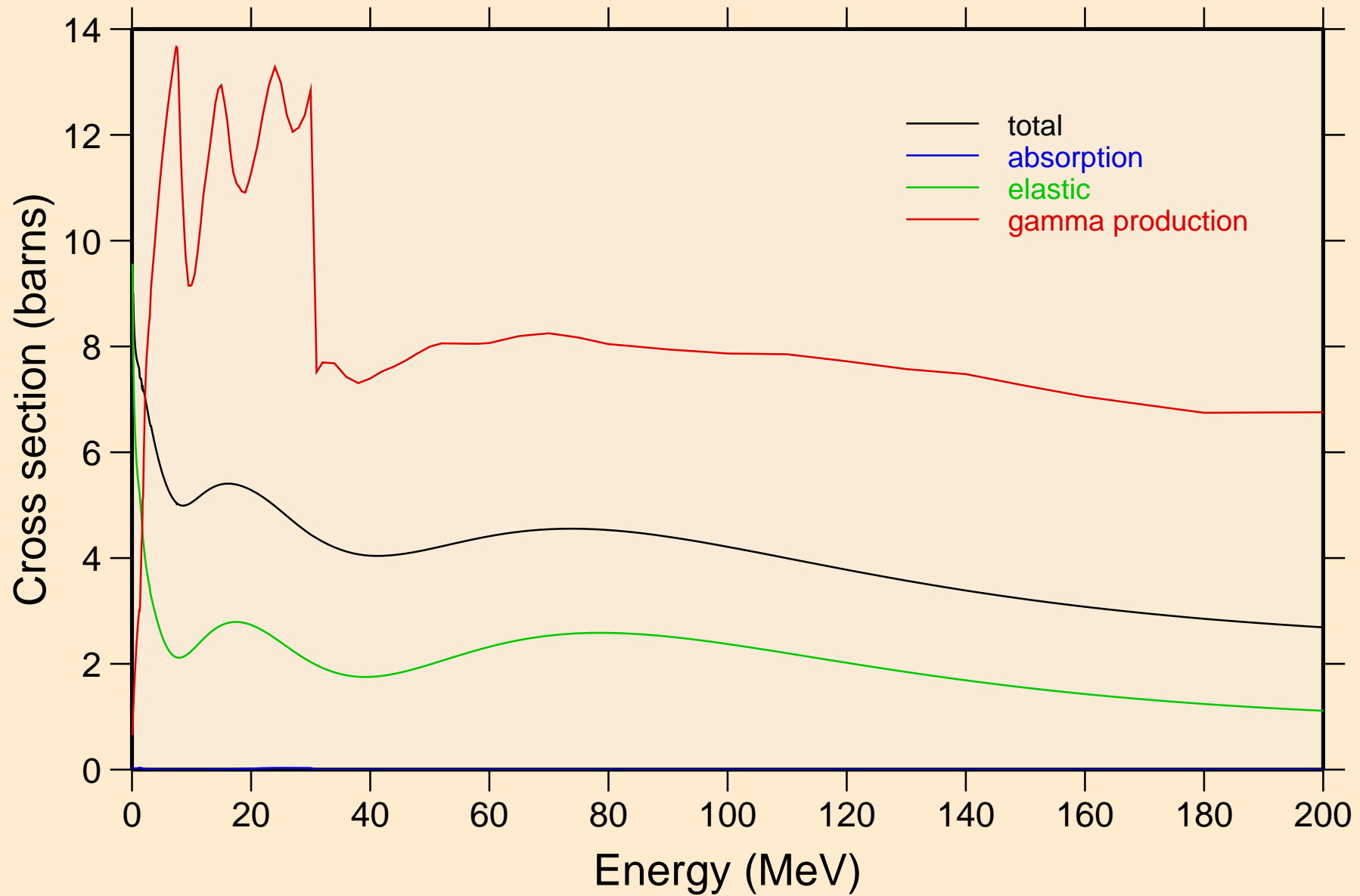
# YB174 NRG TENDL-2015, AKONING

## Non-threshold reactions



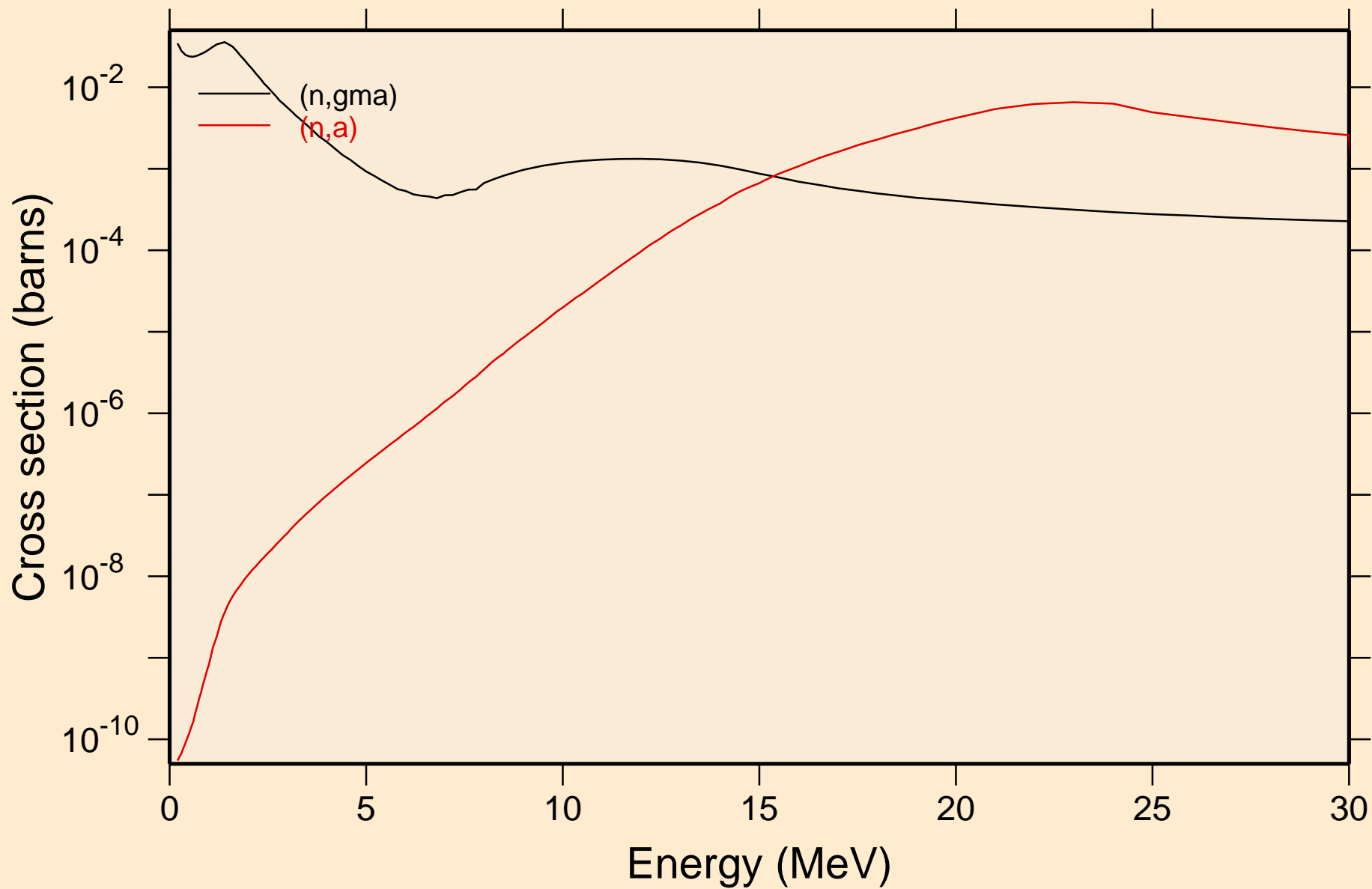
# YB174 NRG TENDL-2015, AKONING

## Principal cross sections



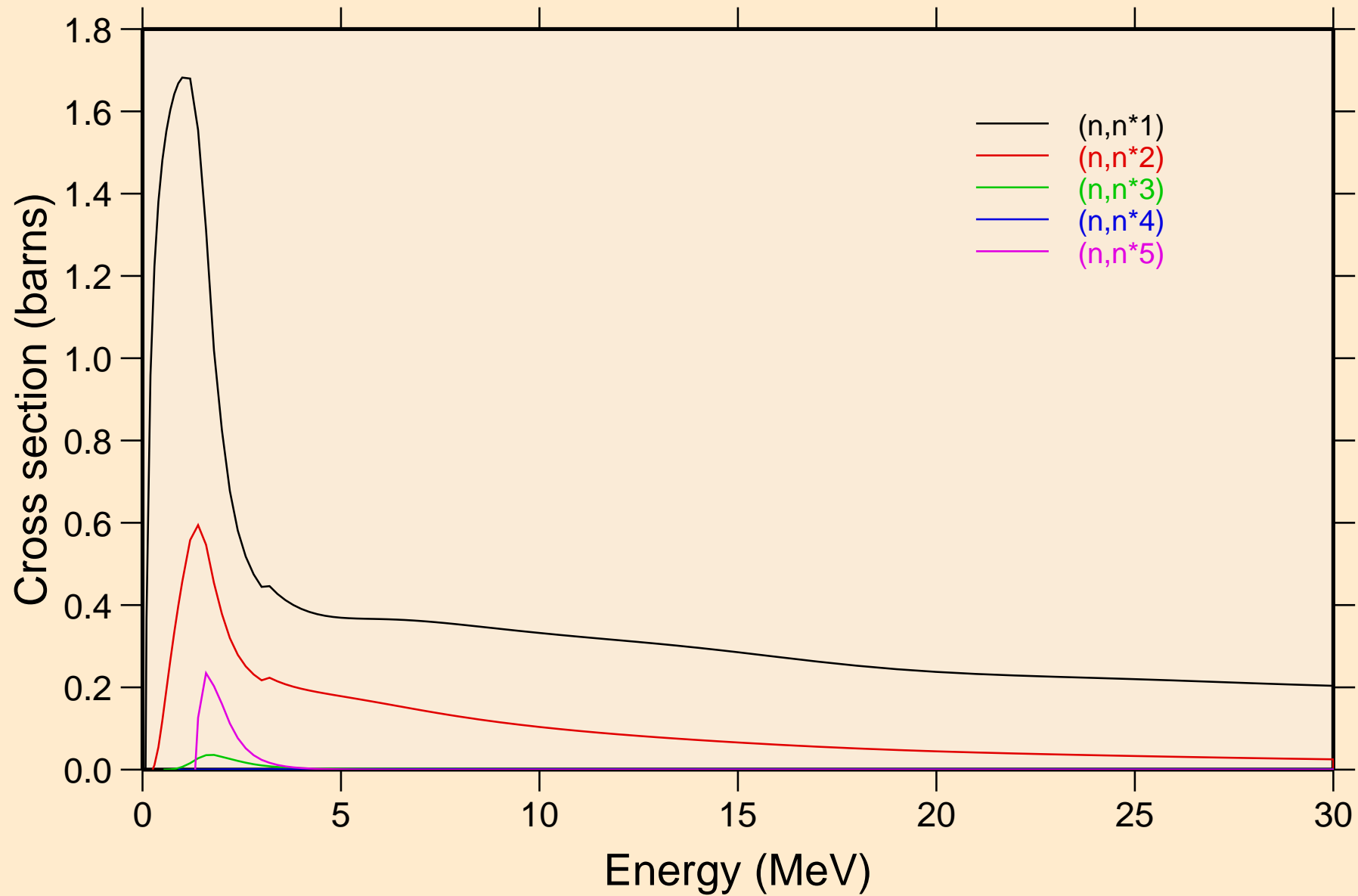
# YB174 NRG TENDL-2015, AKONING

## Non-threshold reactions



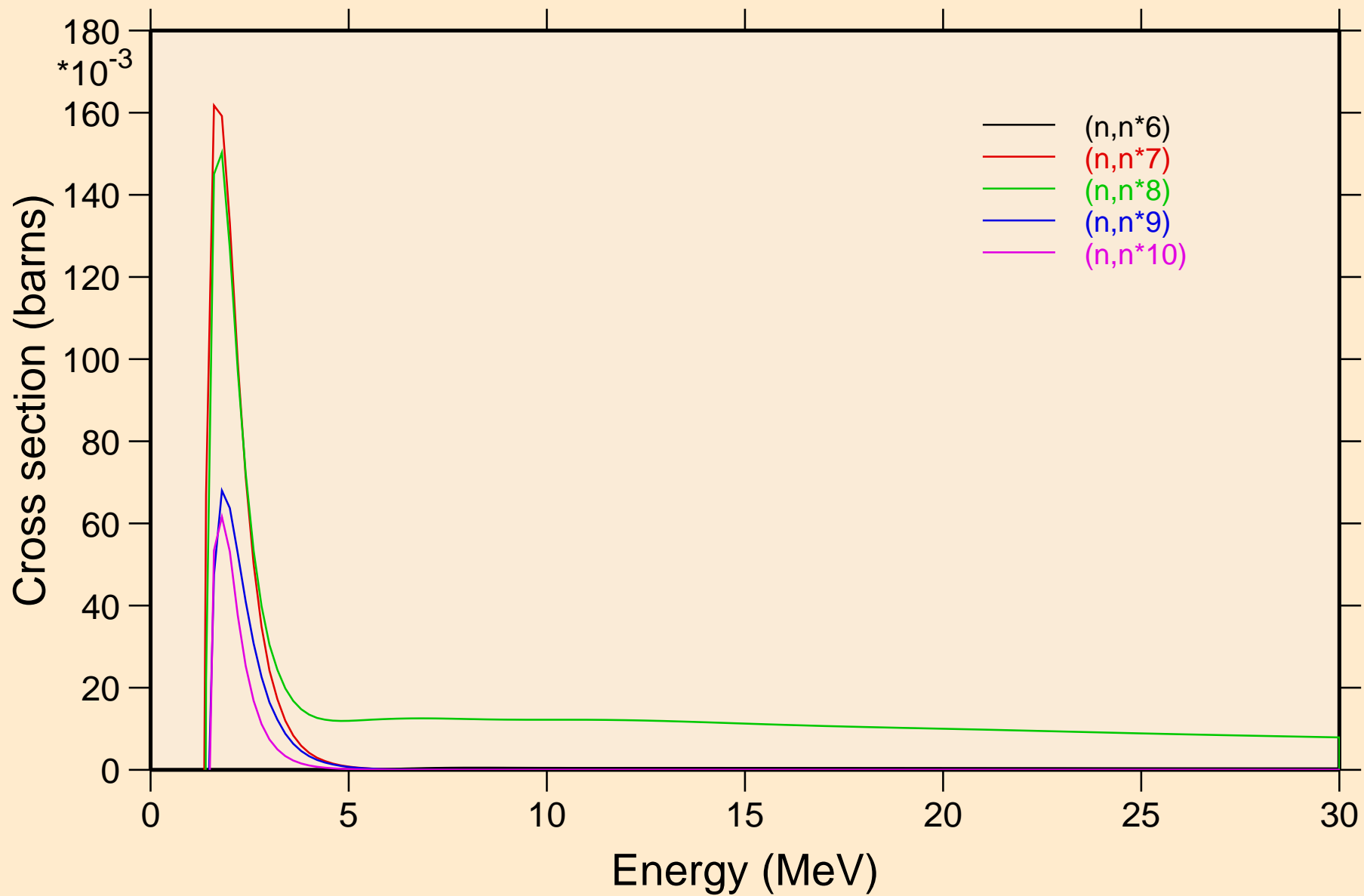
# YB174 NRG TENDL-2015, AKONING

## Inelastic levels



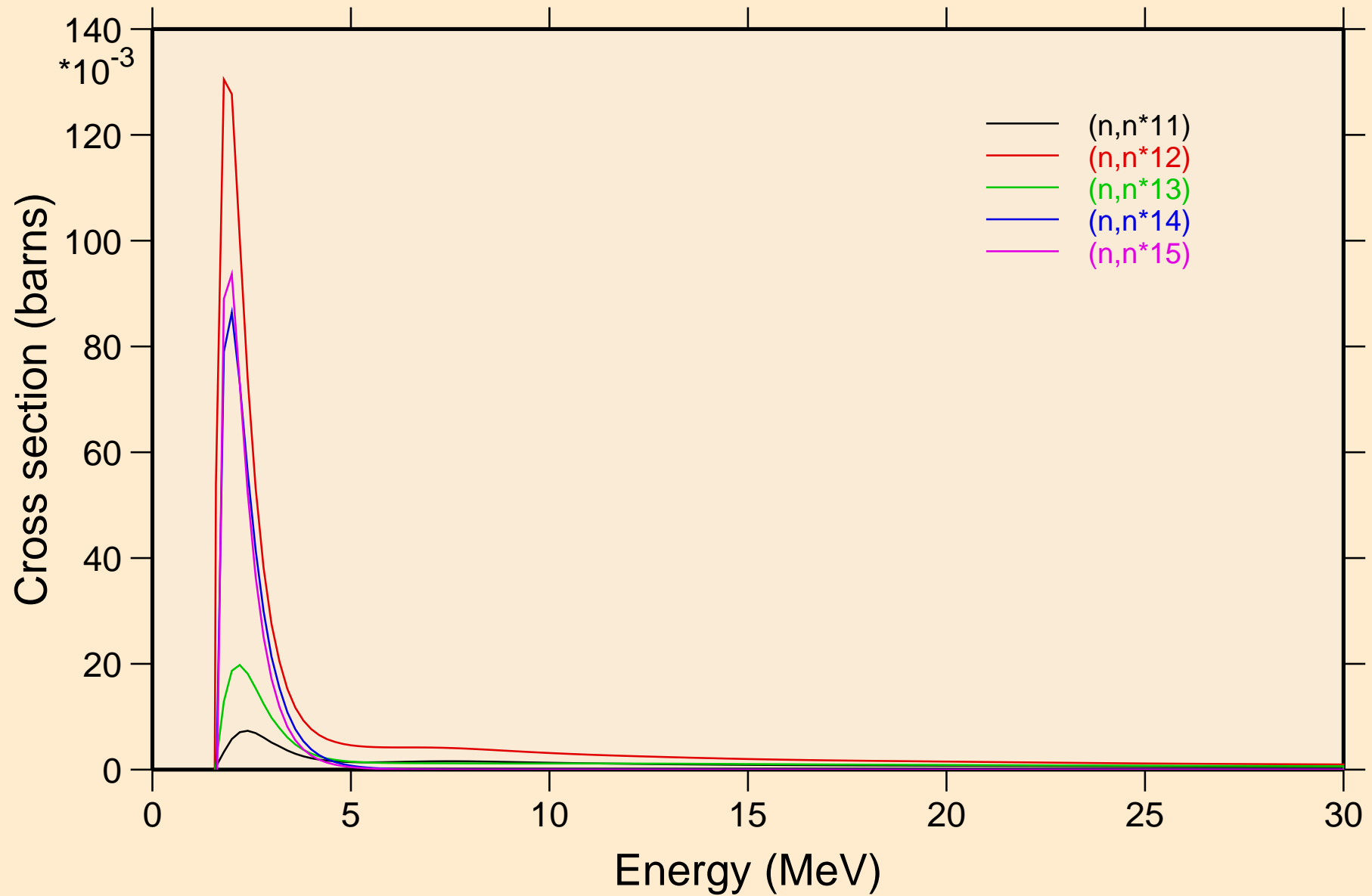
# YB174 NRG TENDL-2015, AKONING

## Inelastic levels



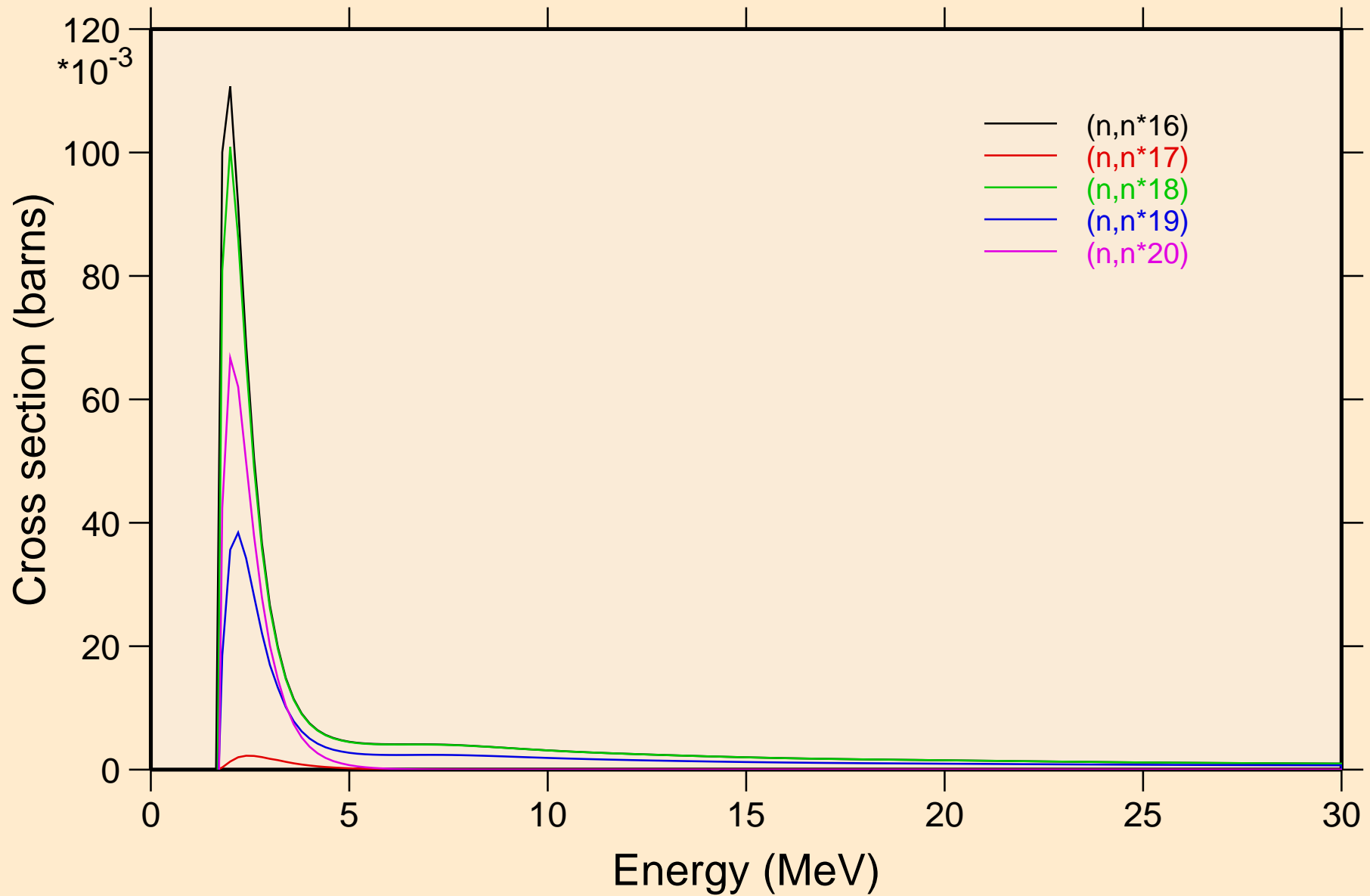
# YB174 NRG TENDL-2015, AKONING

## Inelastic levels



# YB174 NRG TENDL-2015, AKONING

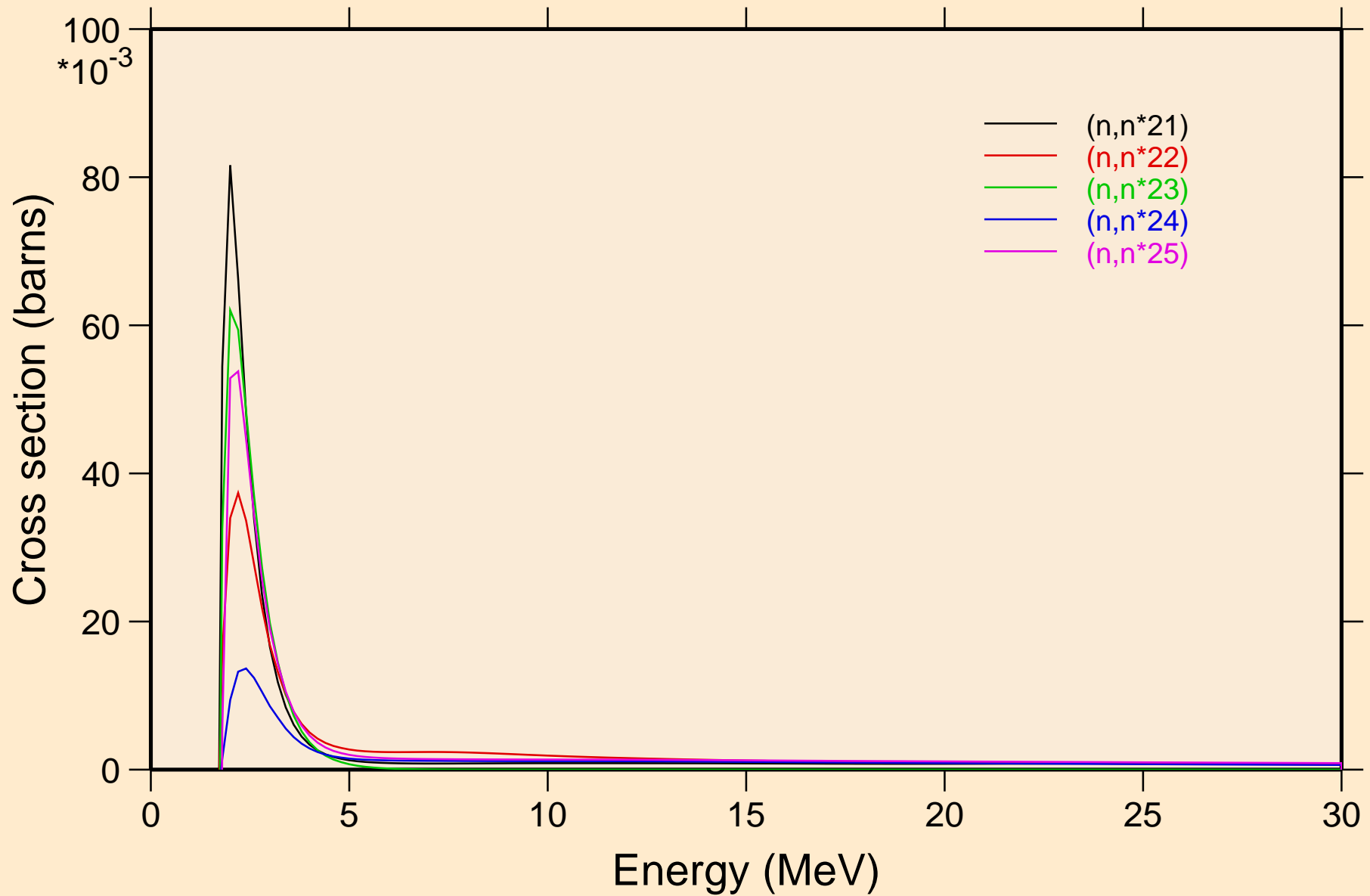
## Inelastic levels





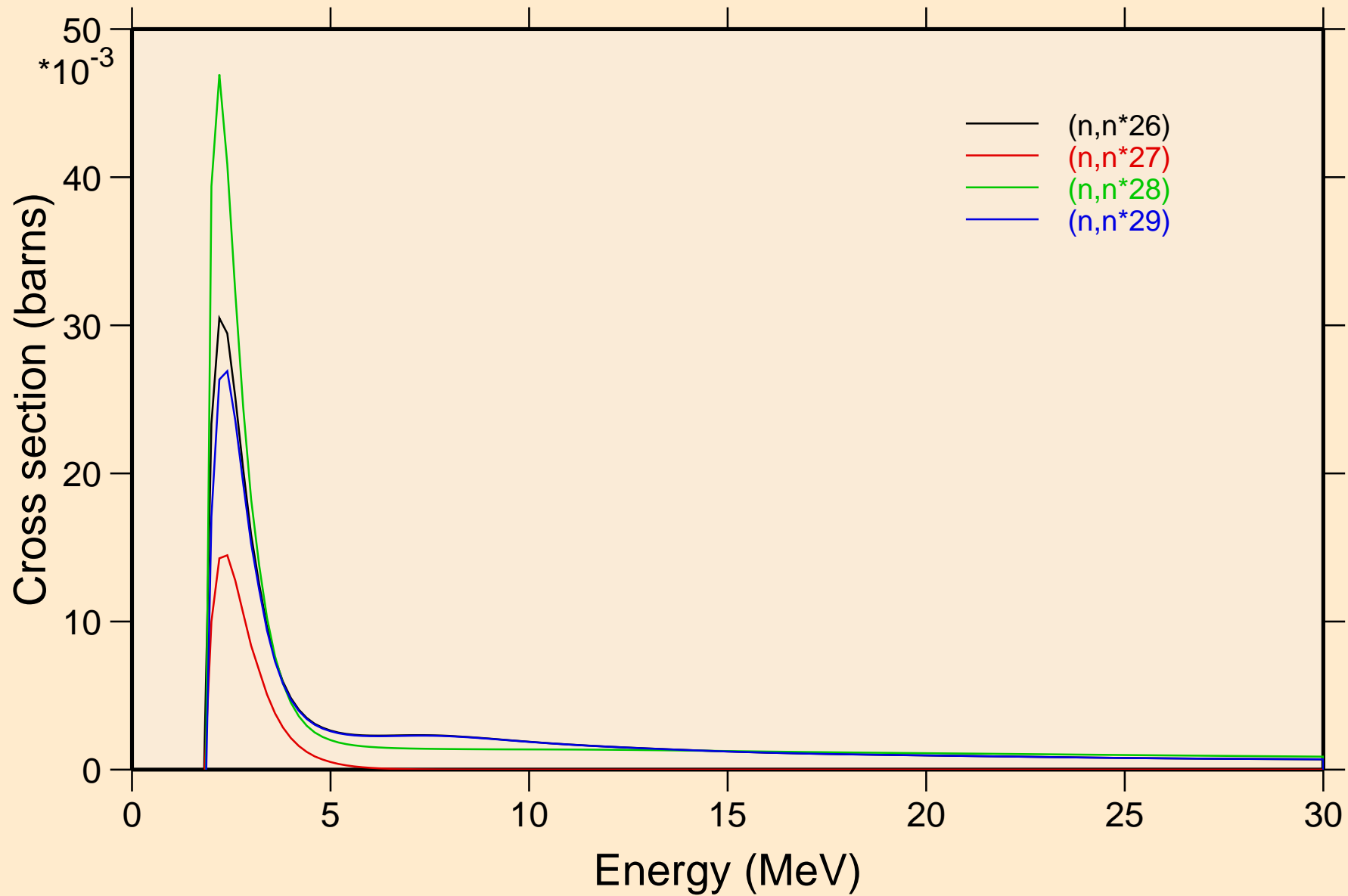
# YB174 NRG TENDL-2015, AKONING

## Inelastic levels



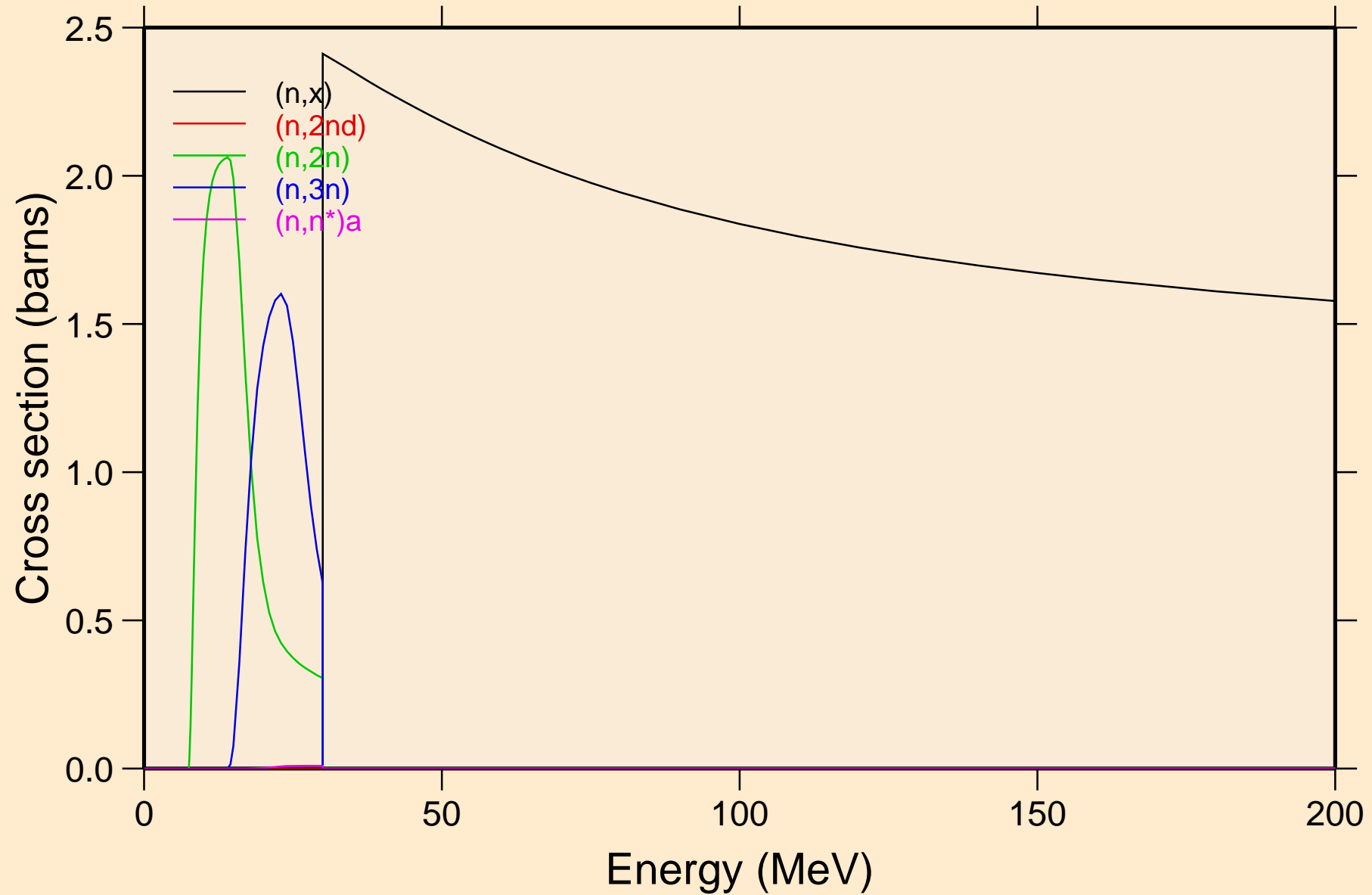
# YB174 NRG TENDL-2015, AKONING

## Inelastic levels



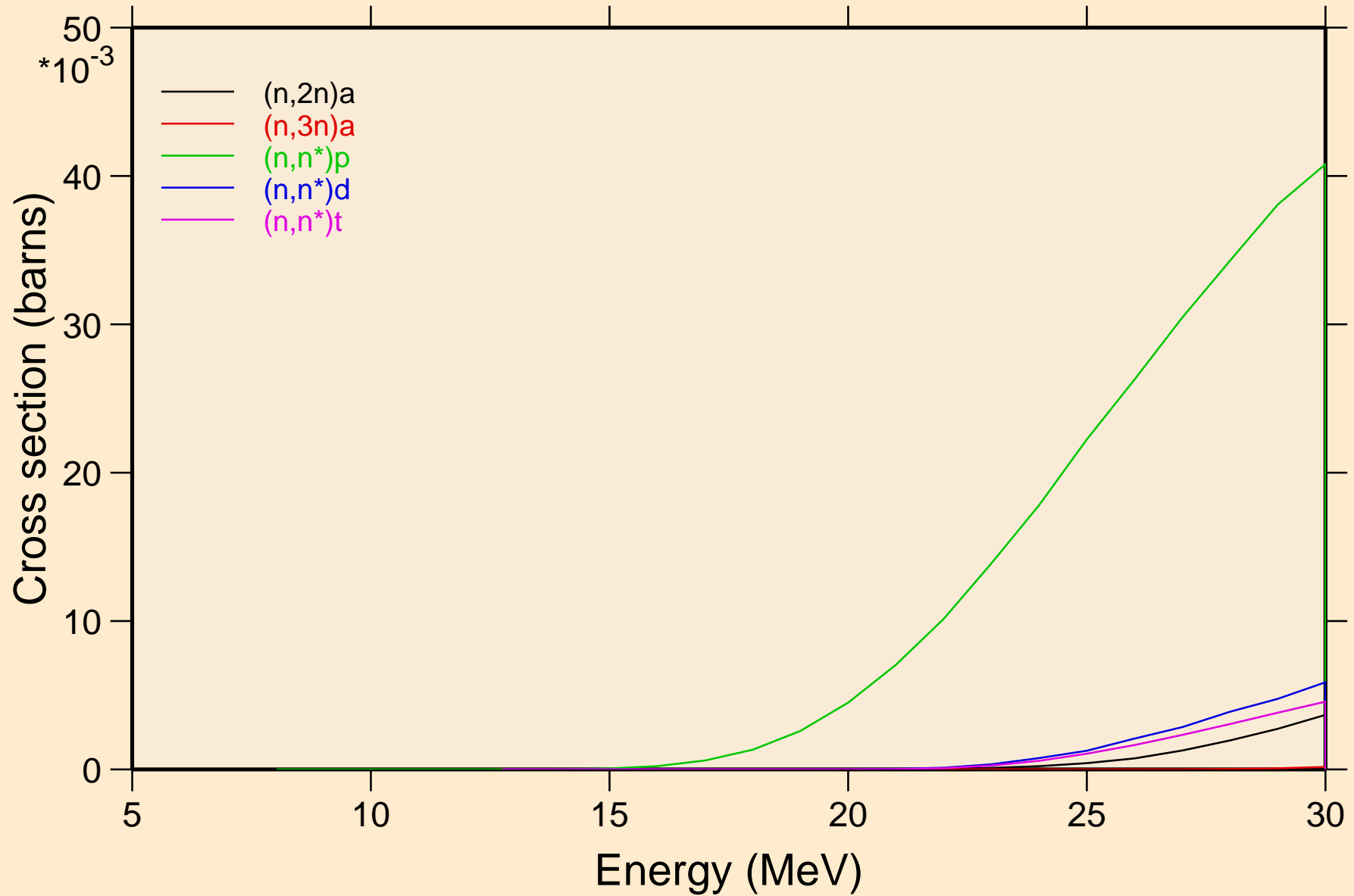
# YB174 NRG TENDL-2015, AKONING

## Threshold reactions



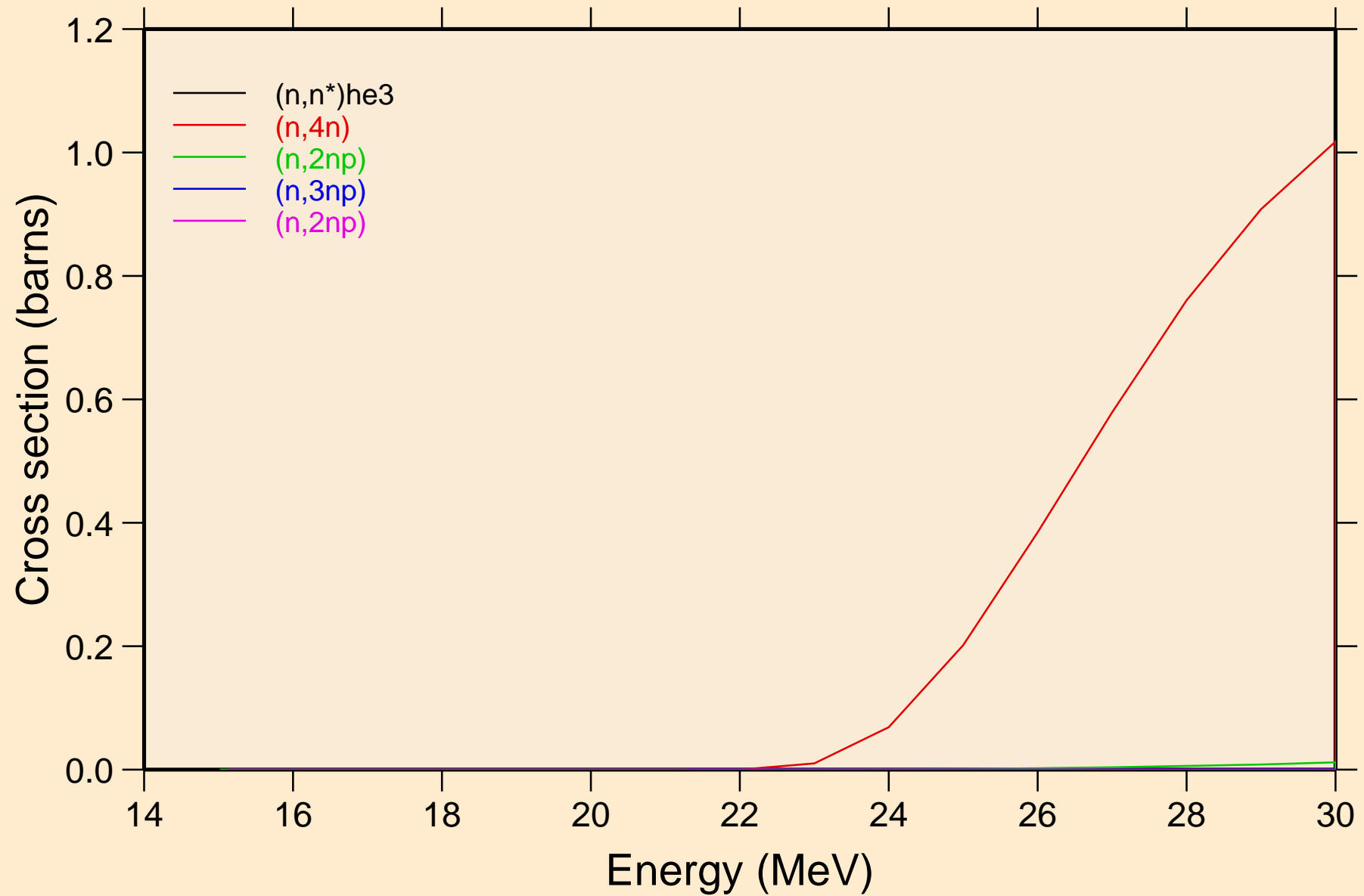
# YB174 NRG TENDL-2015, AKONING

## Threshold reactions



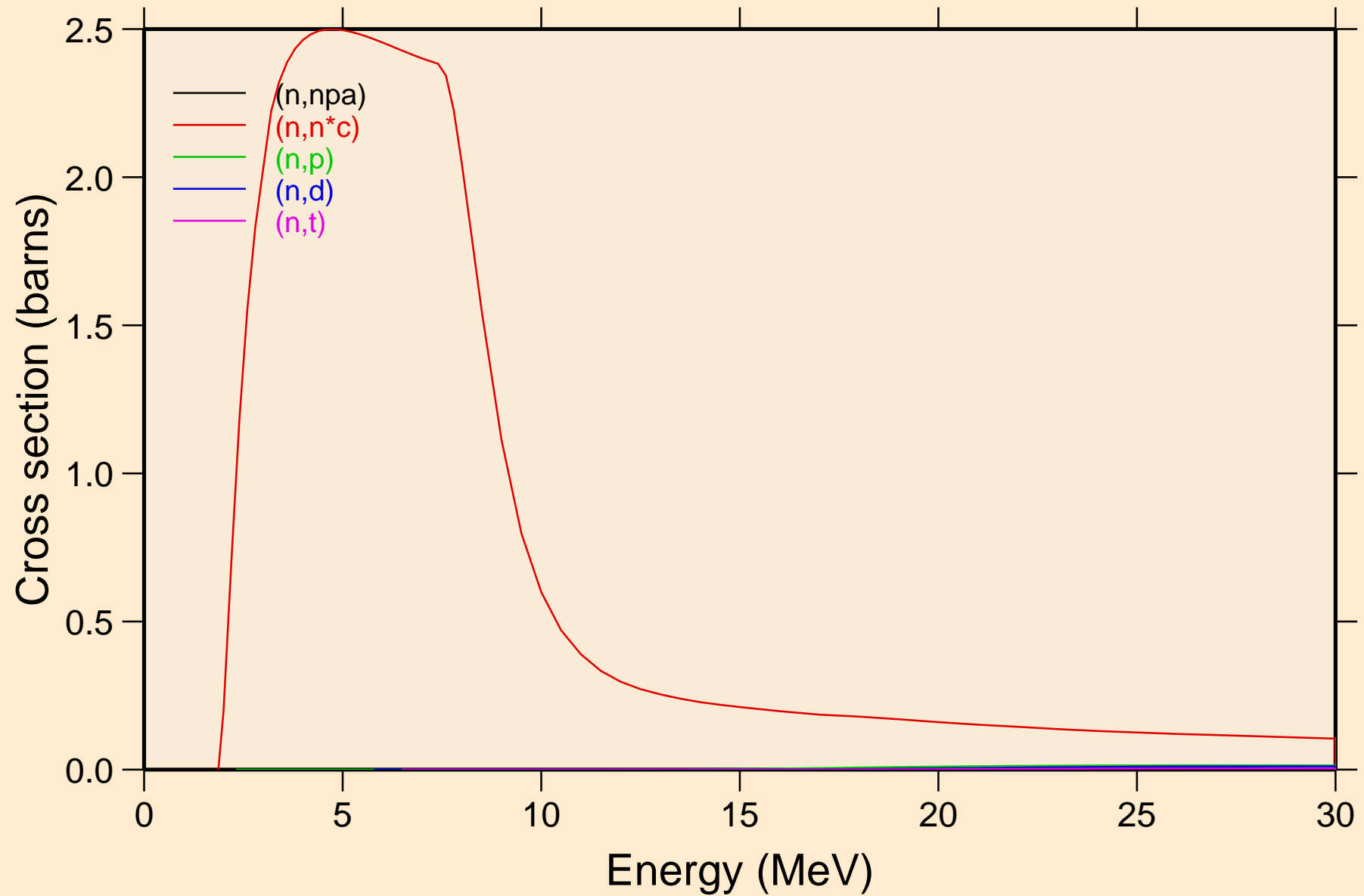
# YB174 NRG TENDL-2015, AKONING

## Threshold reactions



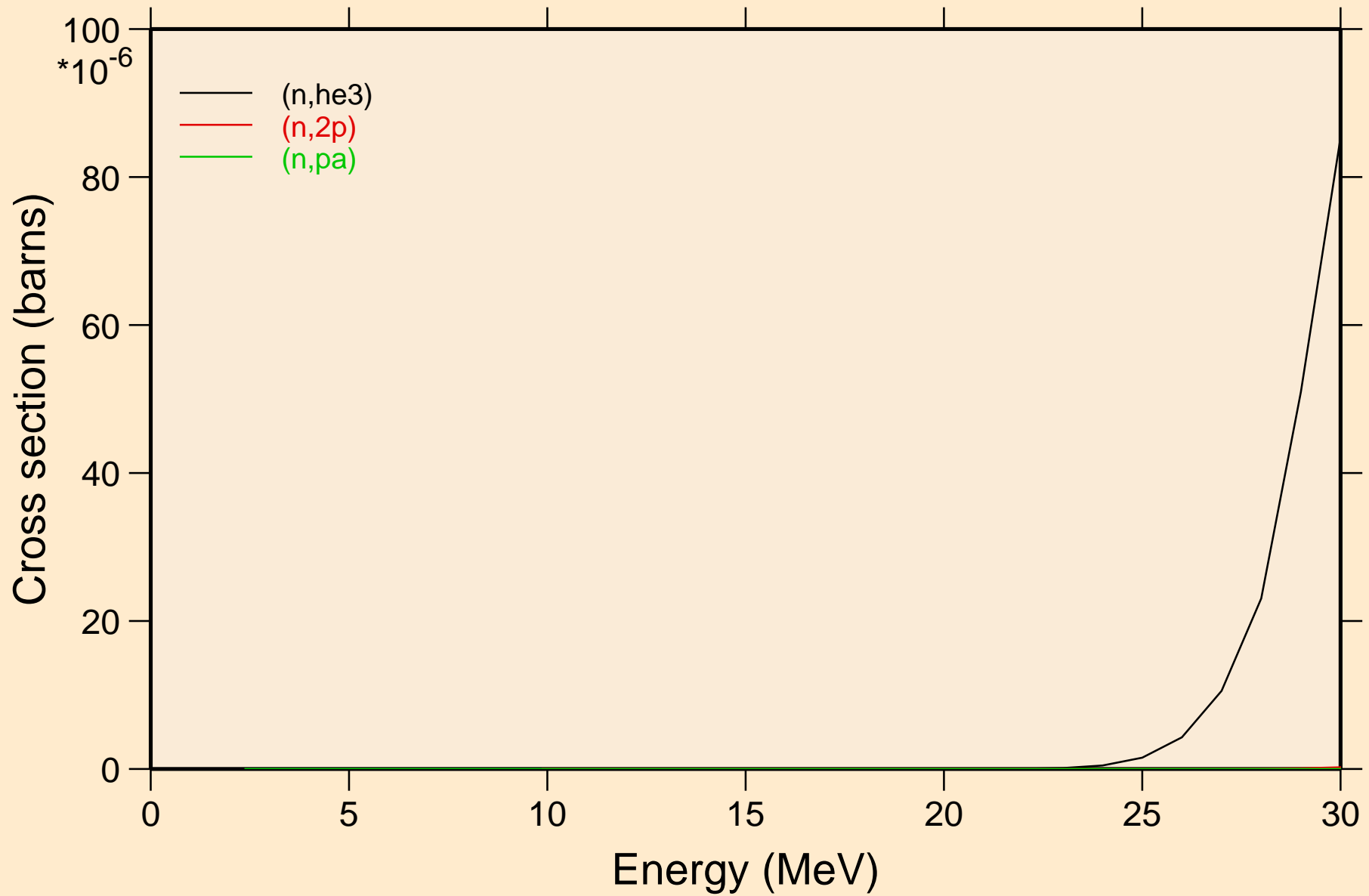
# YB174 NRG TENDL-2015, AKONING

## Threshold reactions

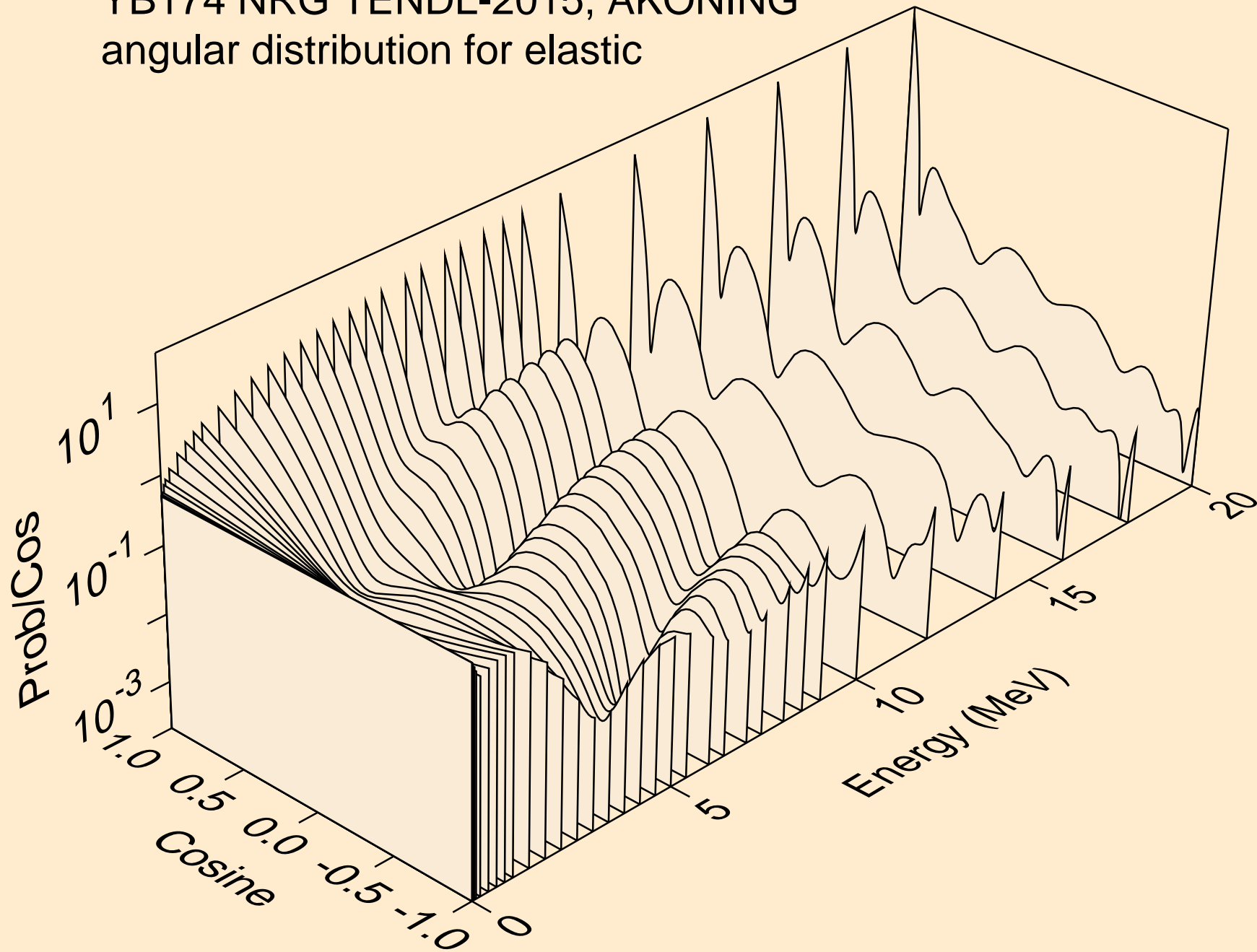


# YB174 NRG TENDL-2015, AKONING

## Threshold reactions

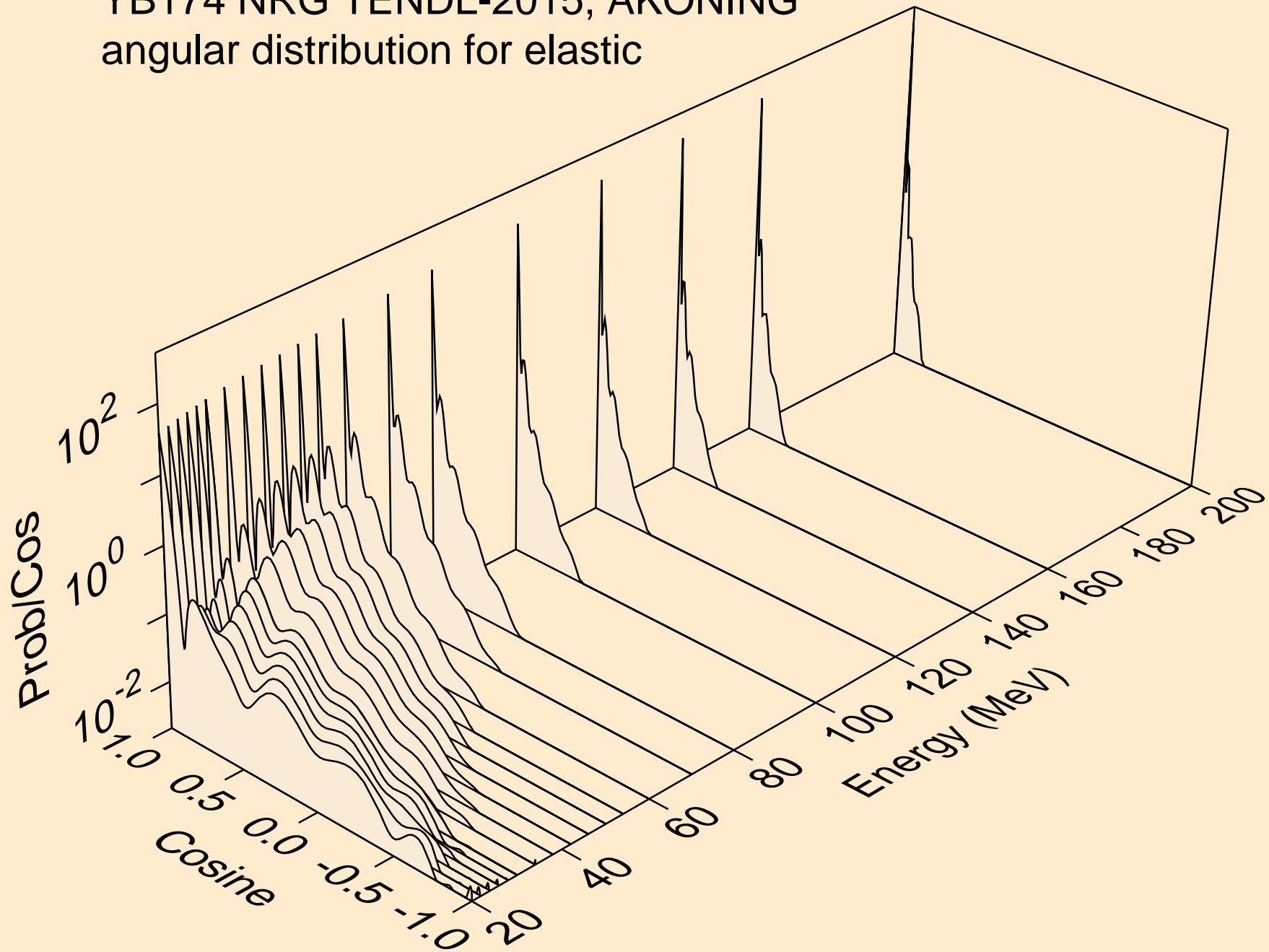


YB174 NRG TENDL-2015, AKONING  
angular distribution for elastic

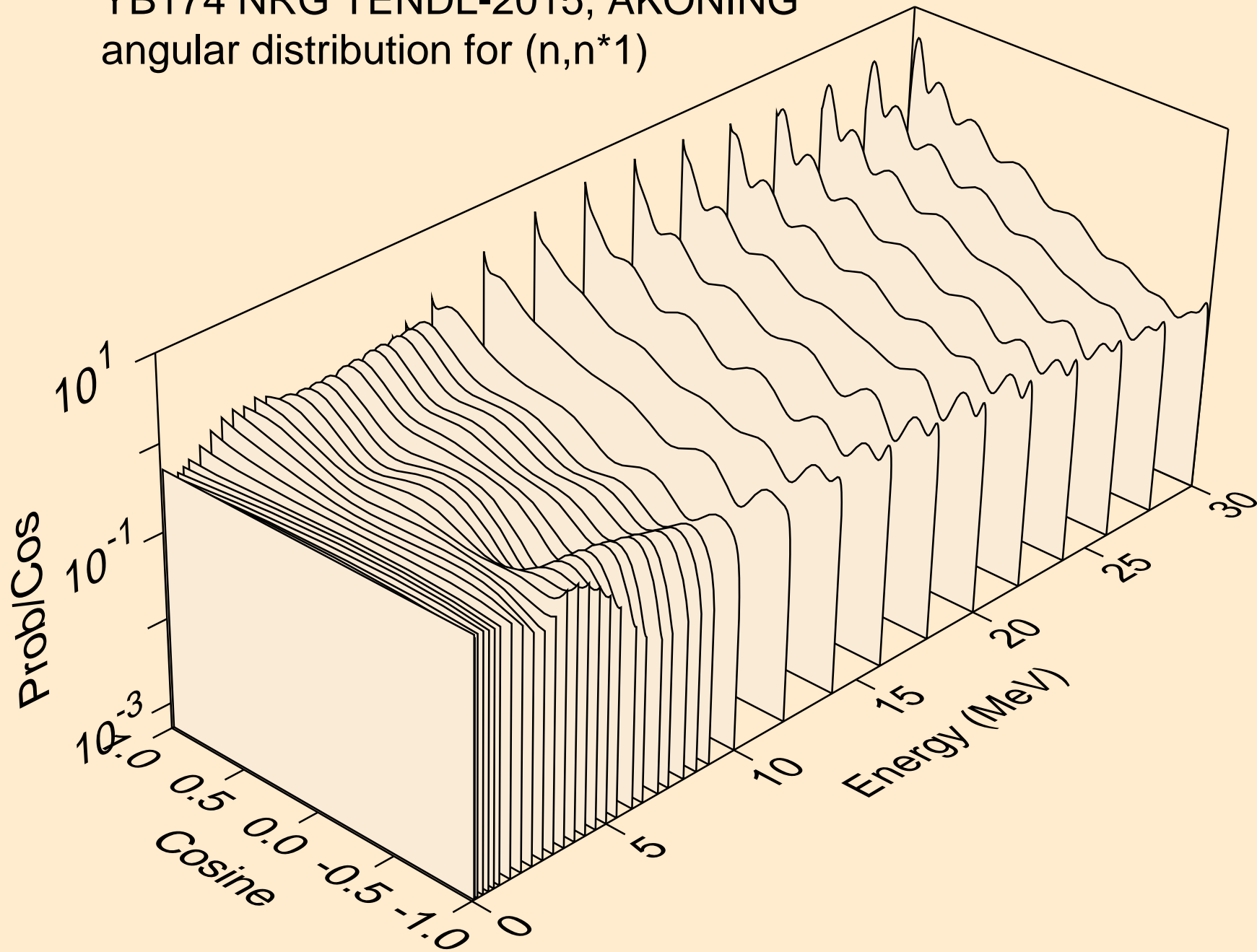




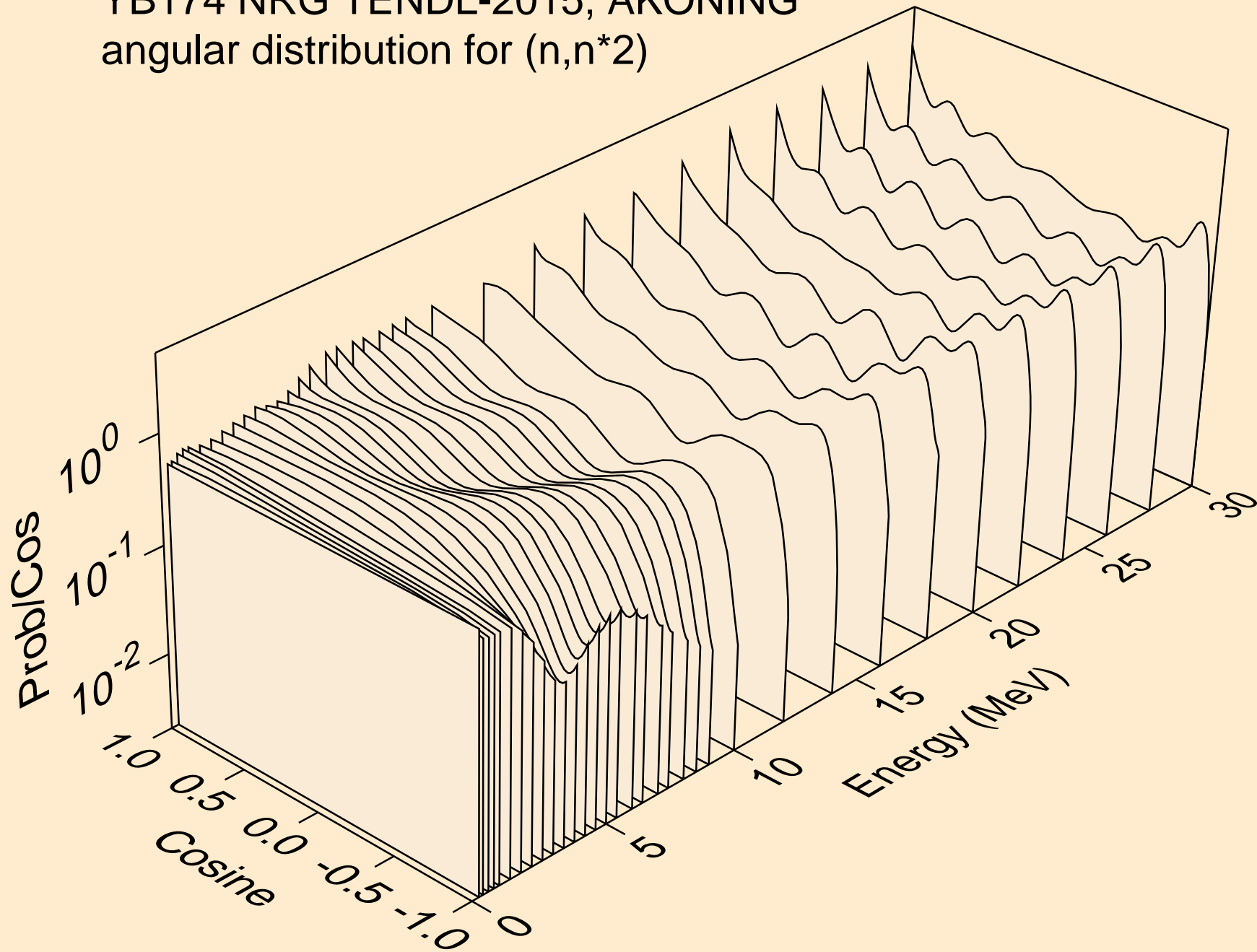
YB174 NRG TENDL-2015, AKONING  
angular distribution for elastic



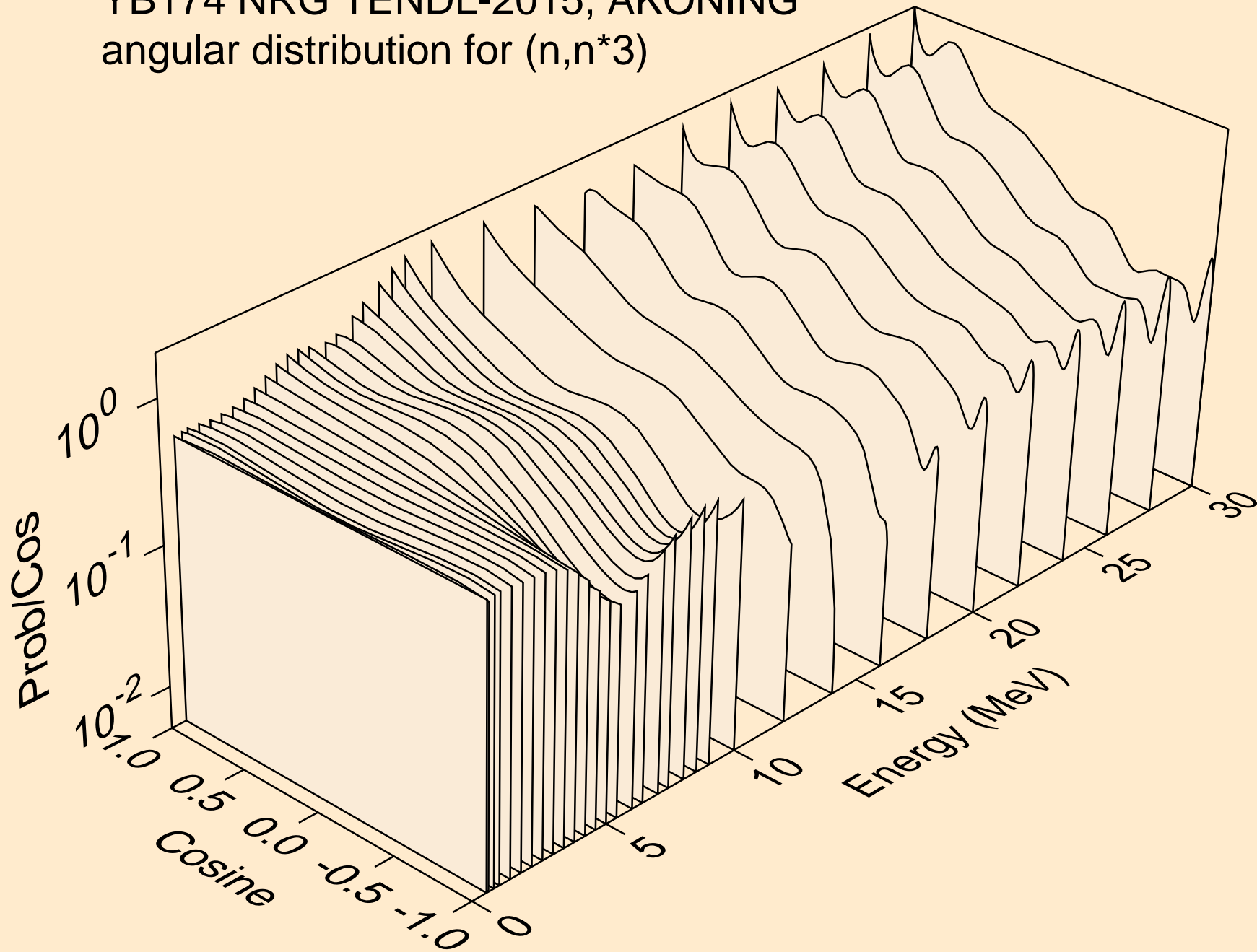
YB174 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



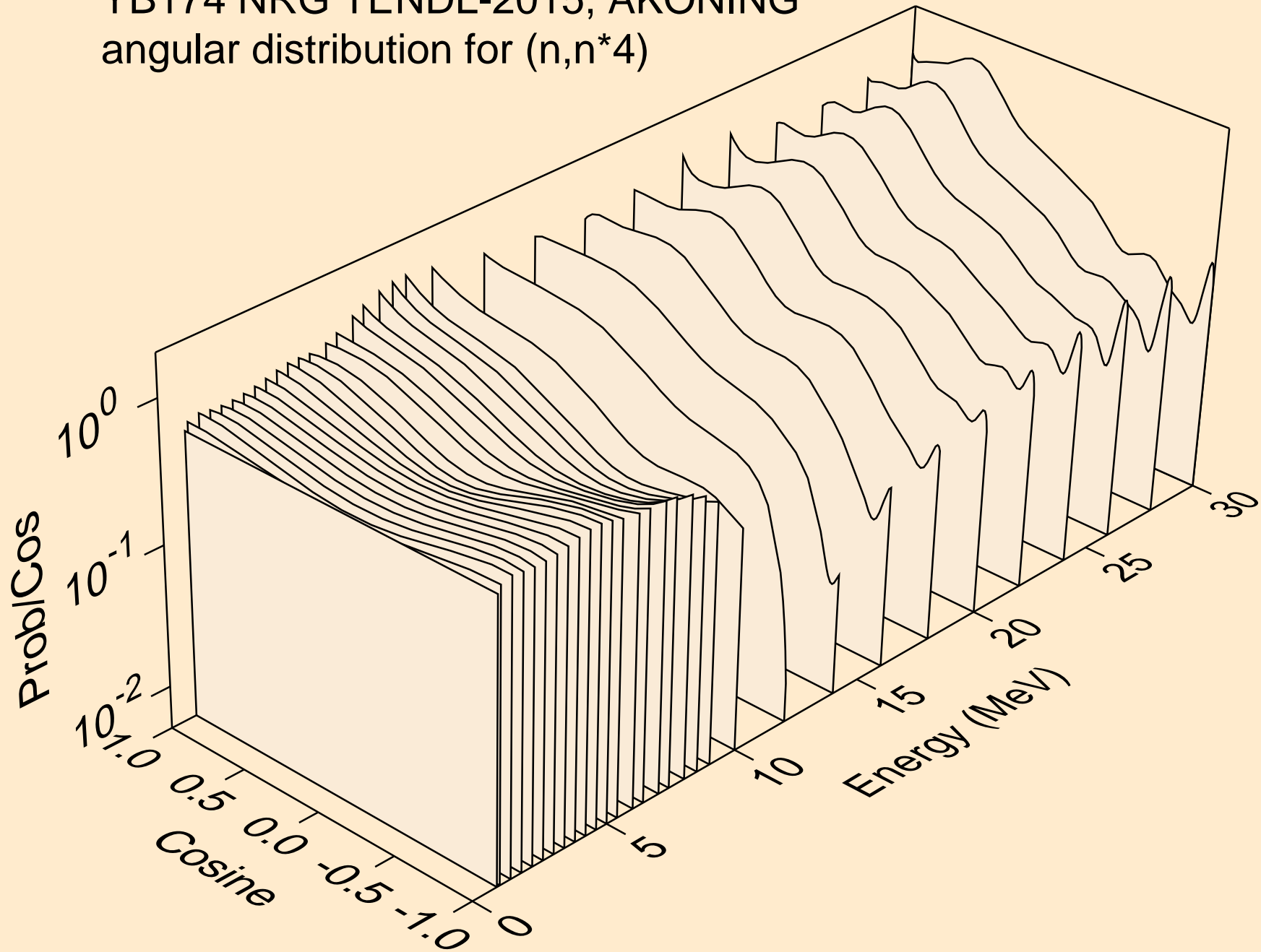
YB174 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



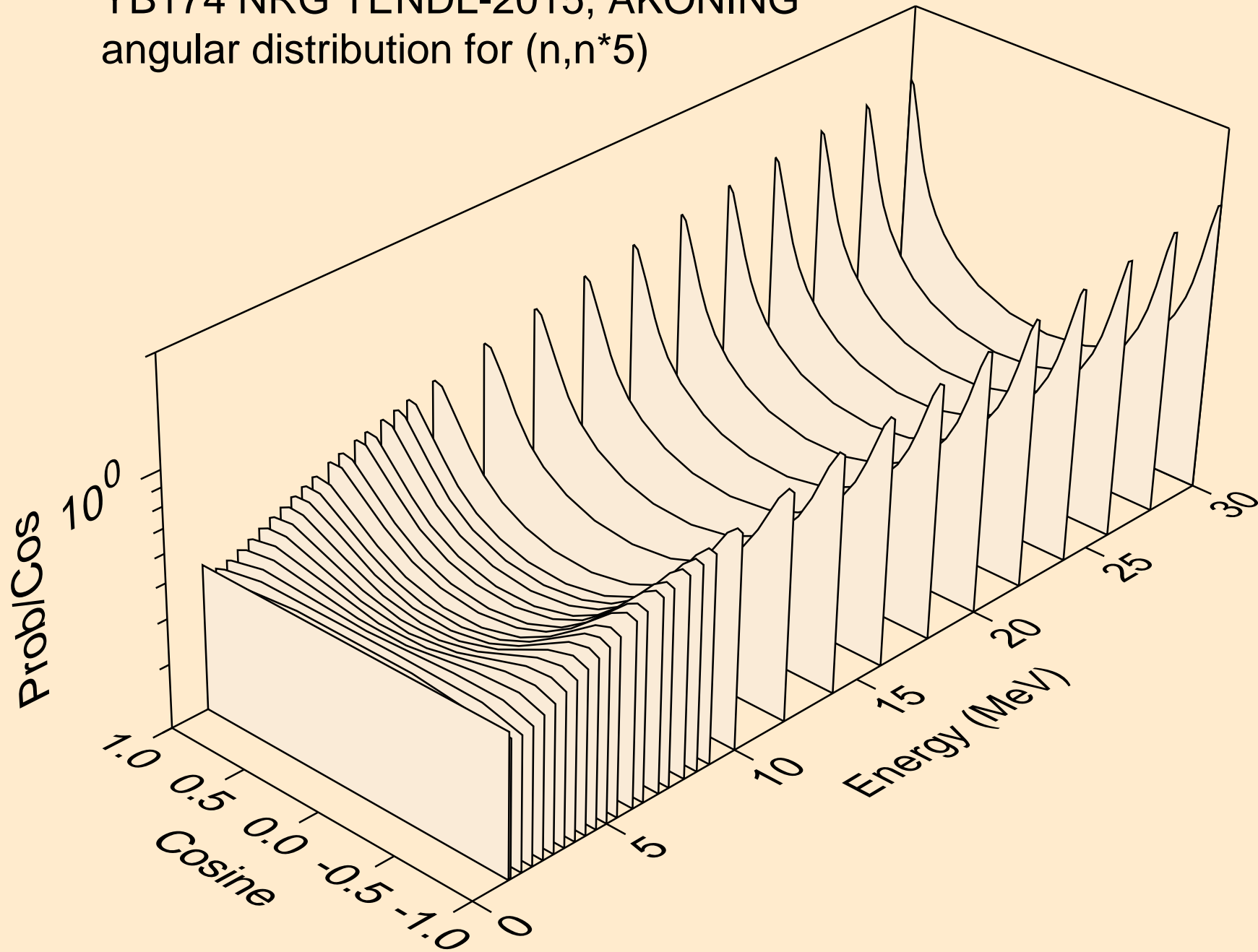
YB174 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



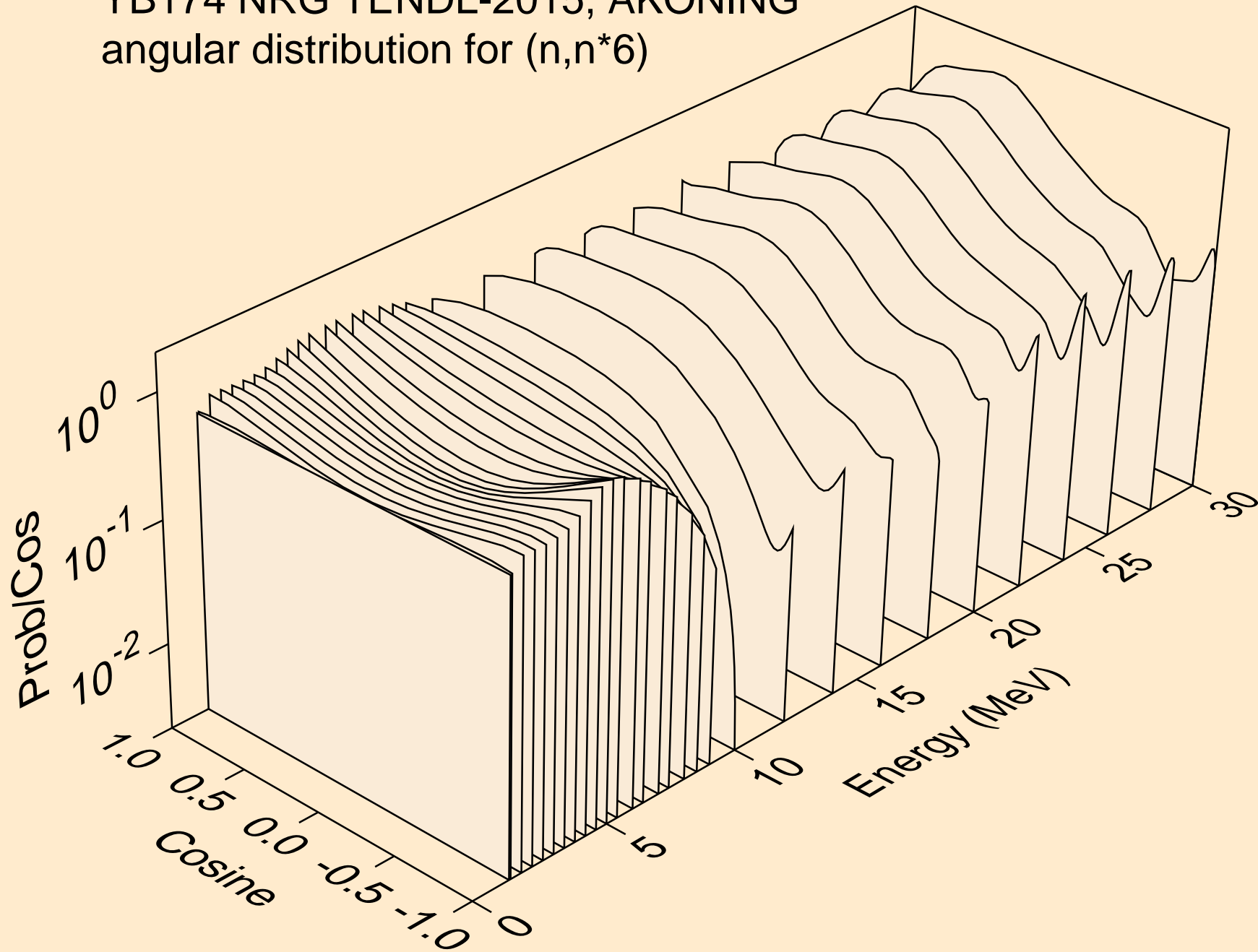
YB174 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



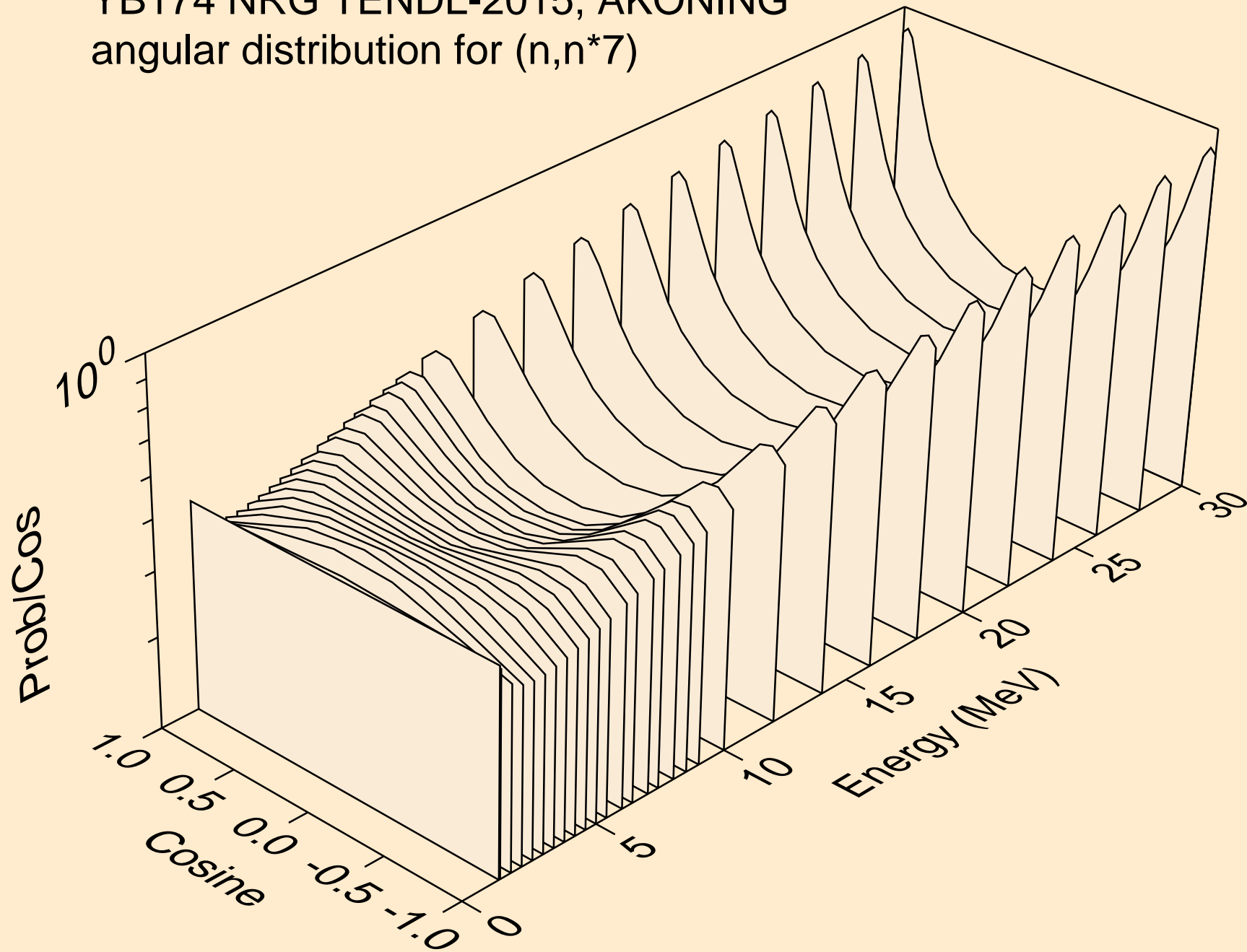
YB174 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



YB174 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

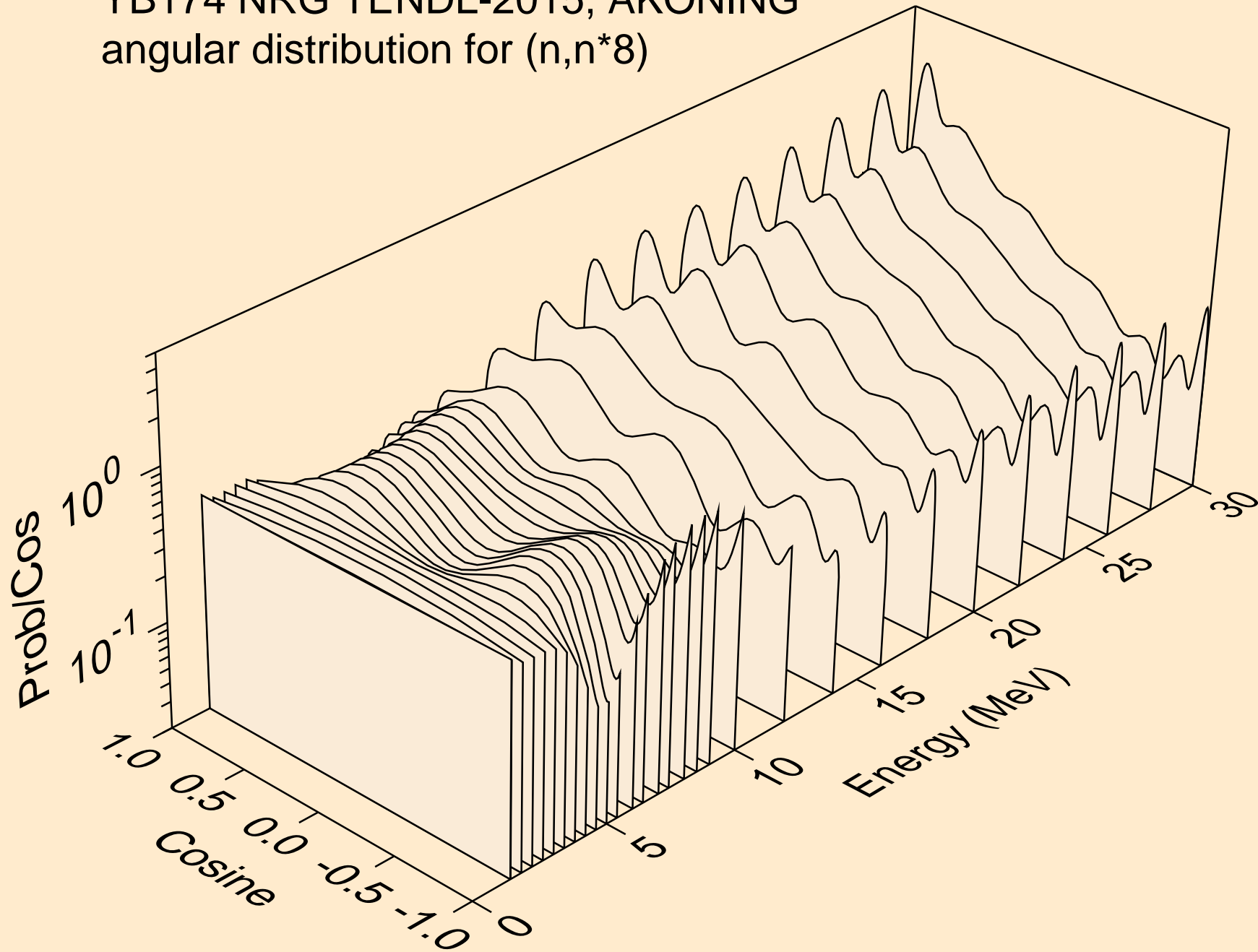


YB174 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

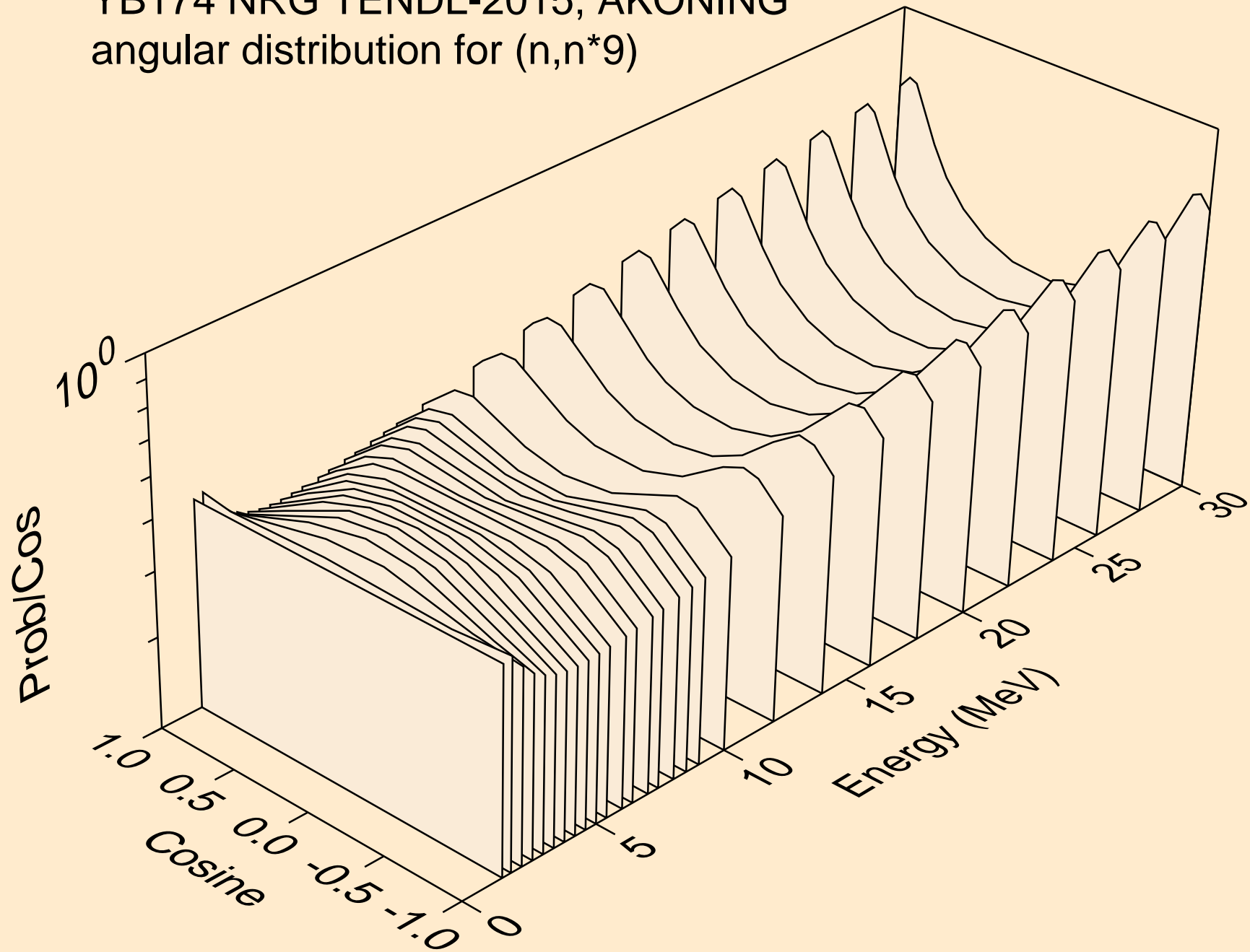




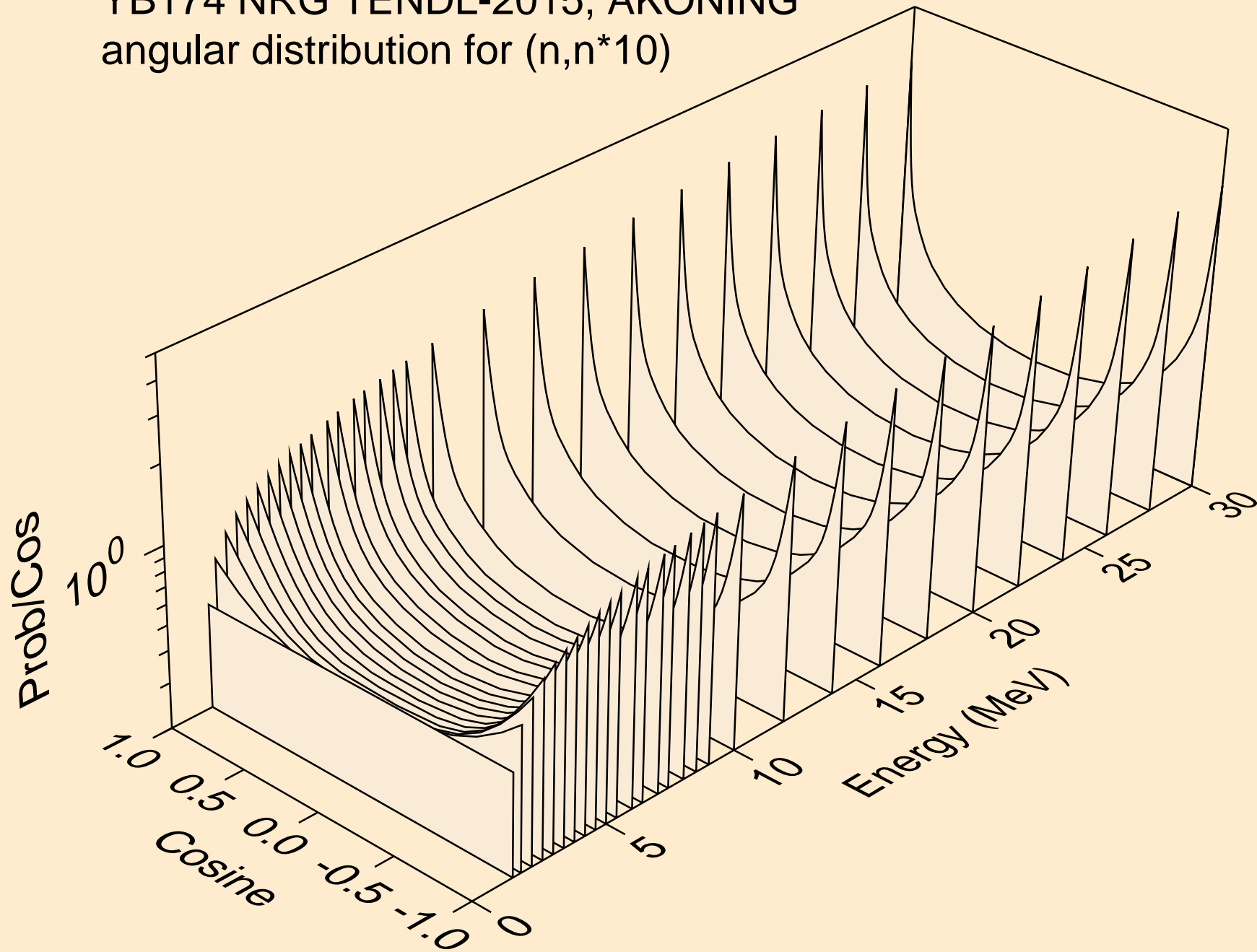
YB174 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



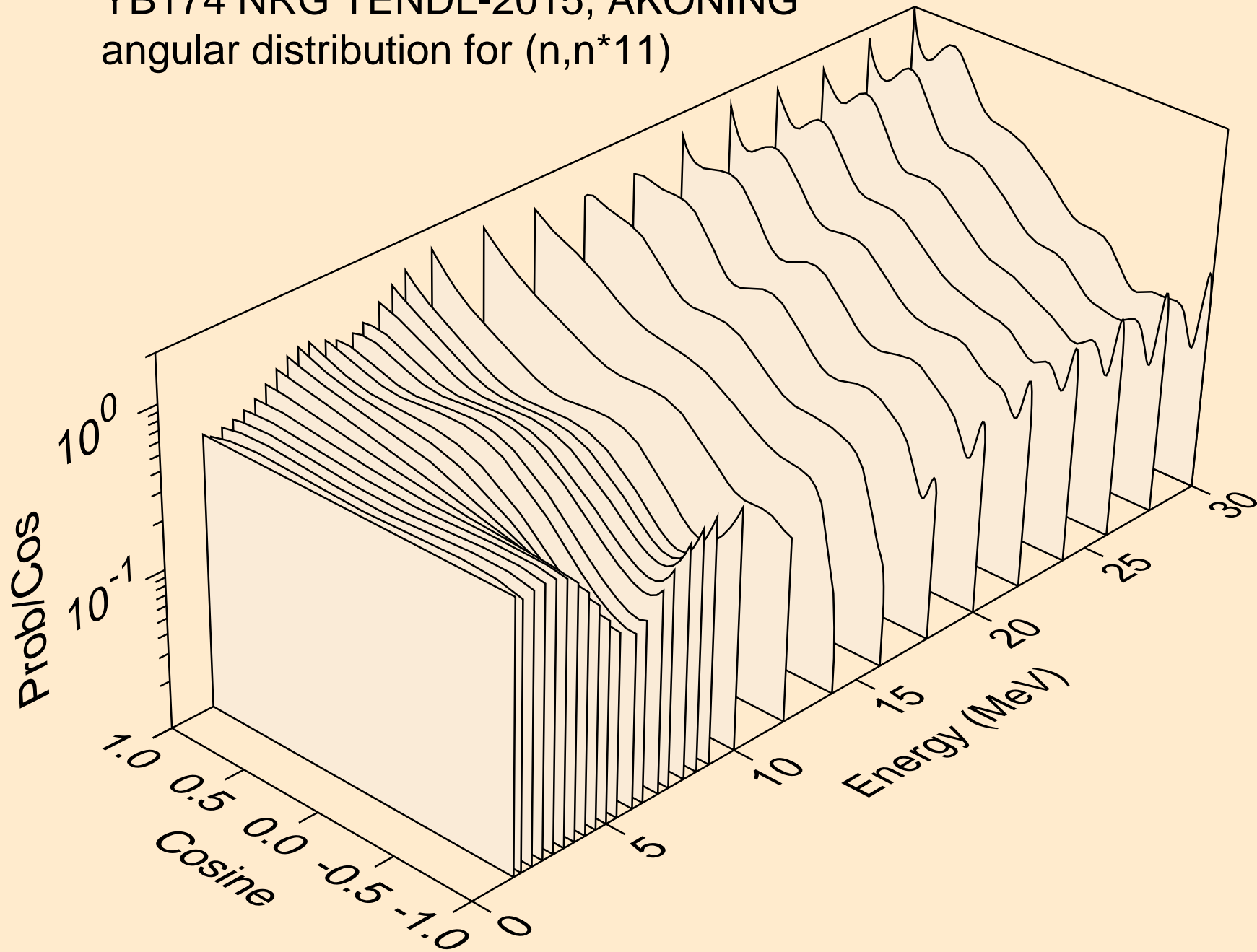
YB174 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



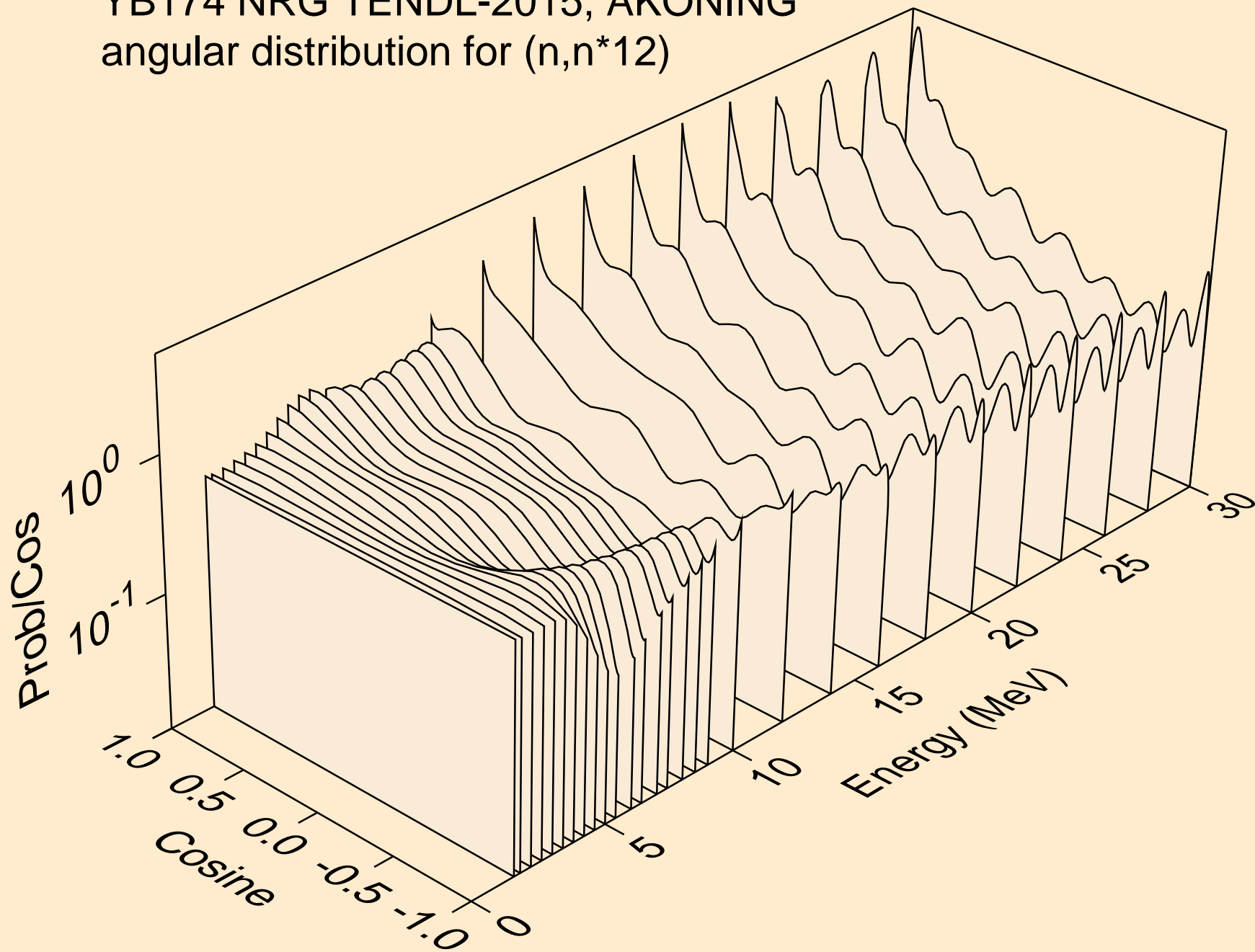
YB174 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



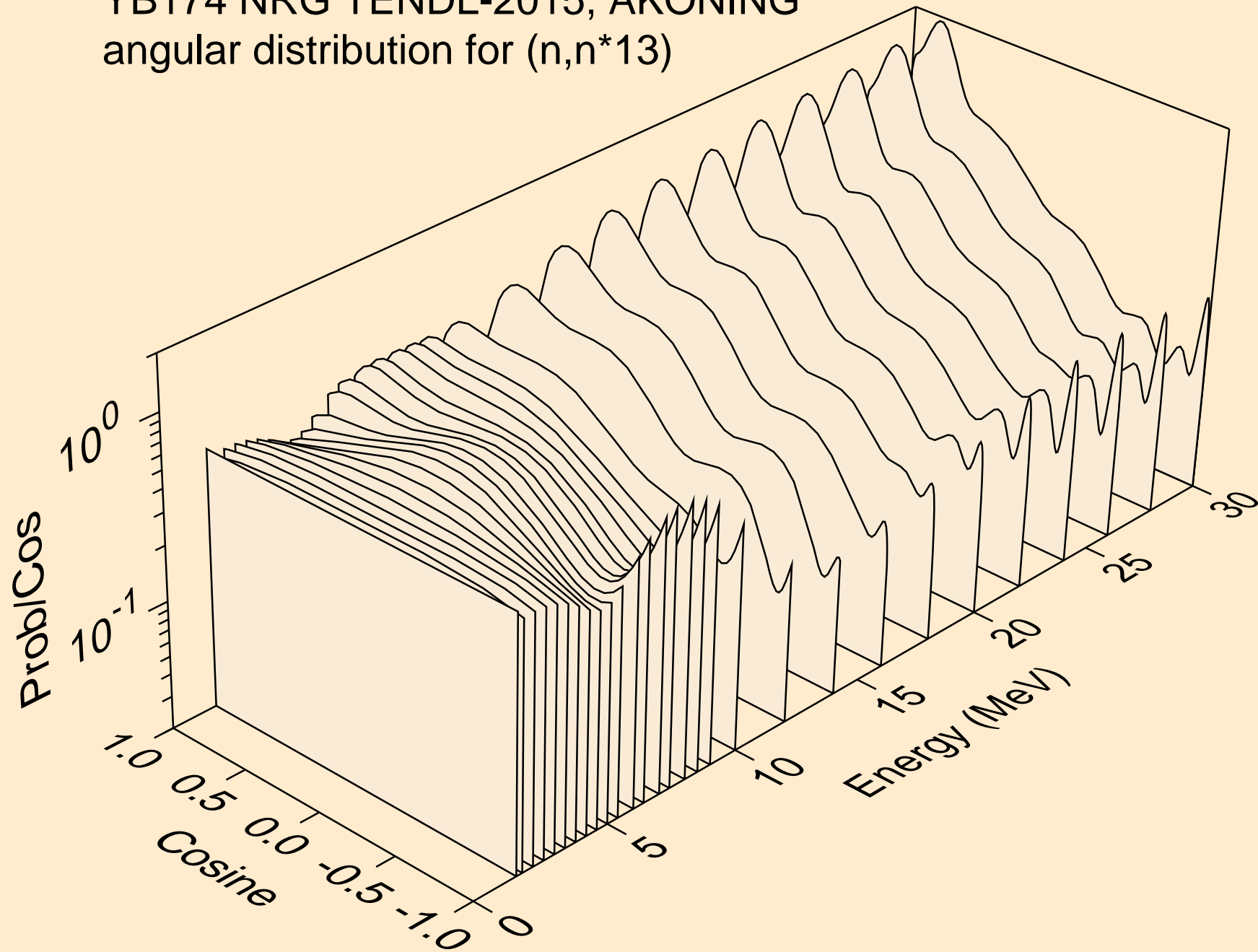
YB174 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



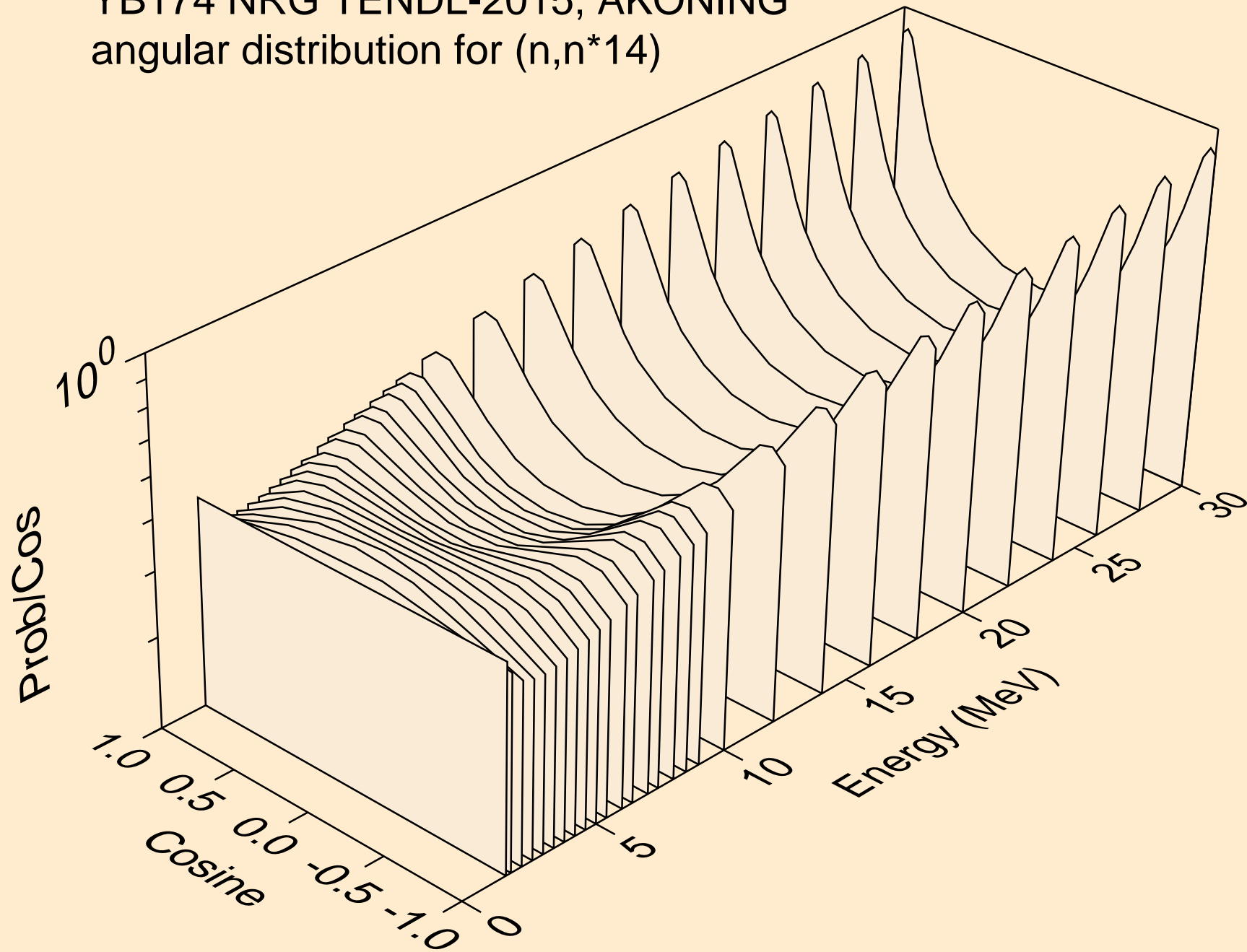
YB174 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



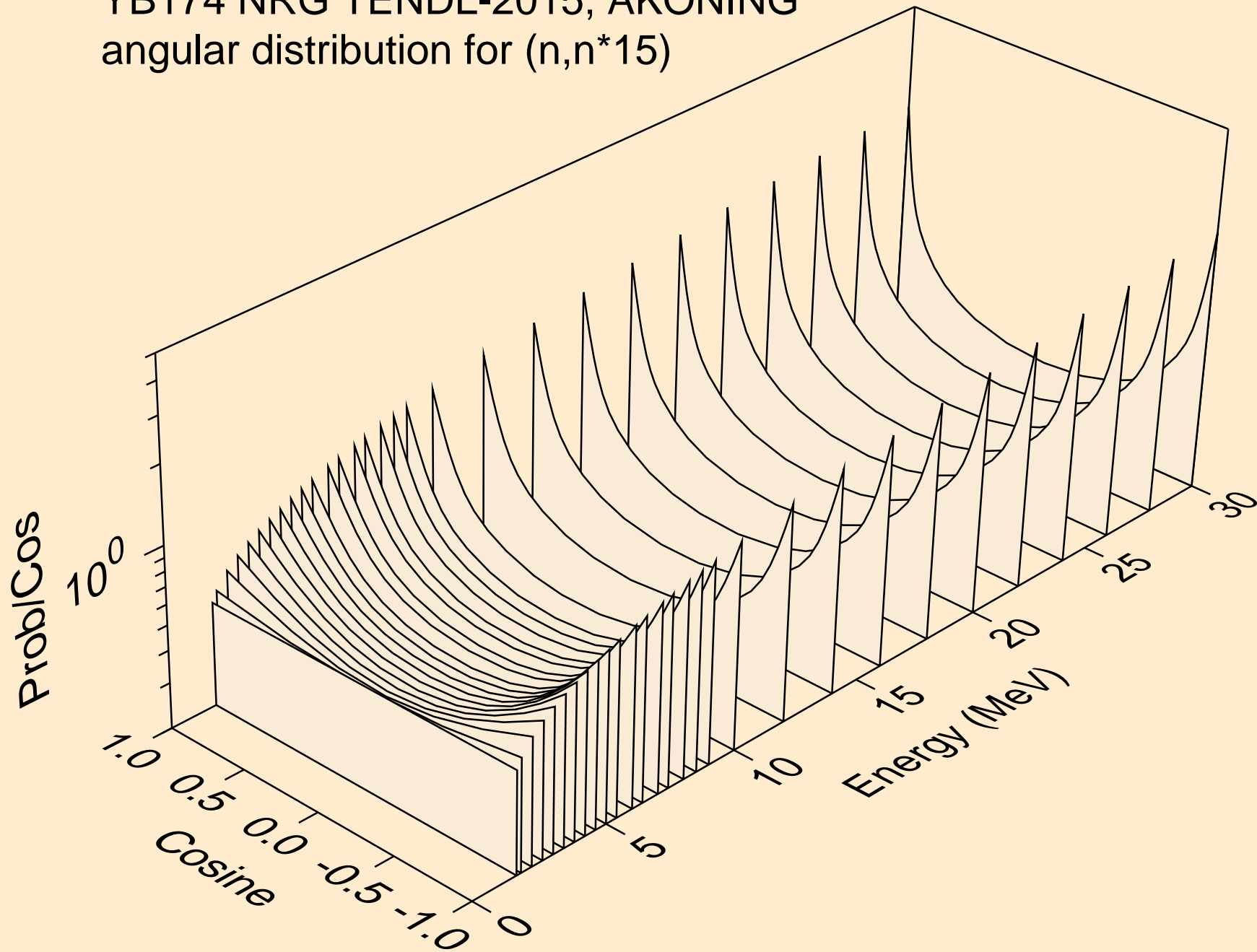
YB174 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



YB174 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

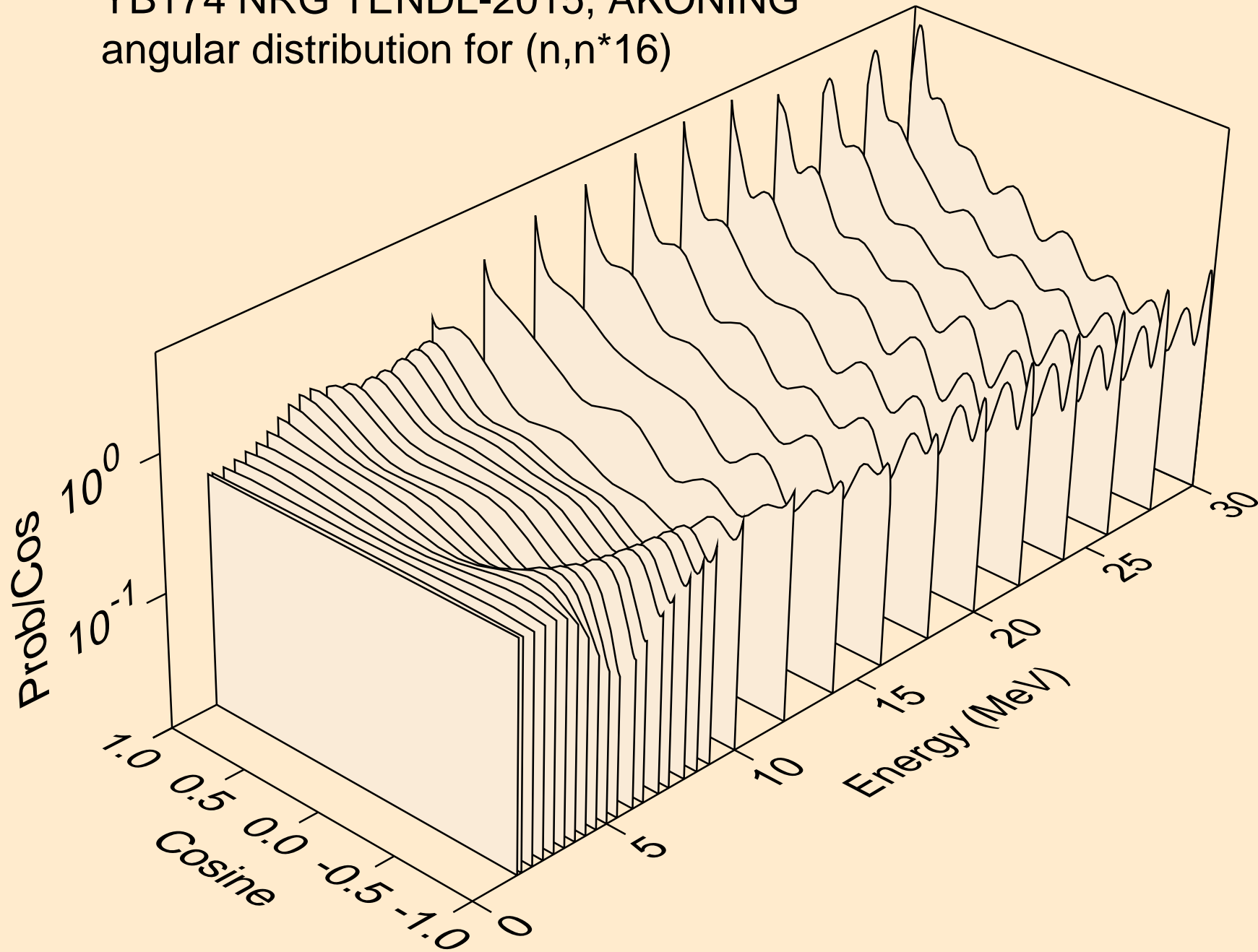


YB174 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

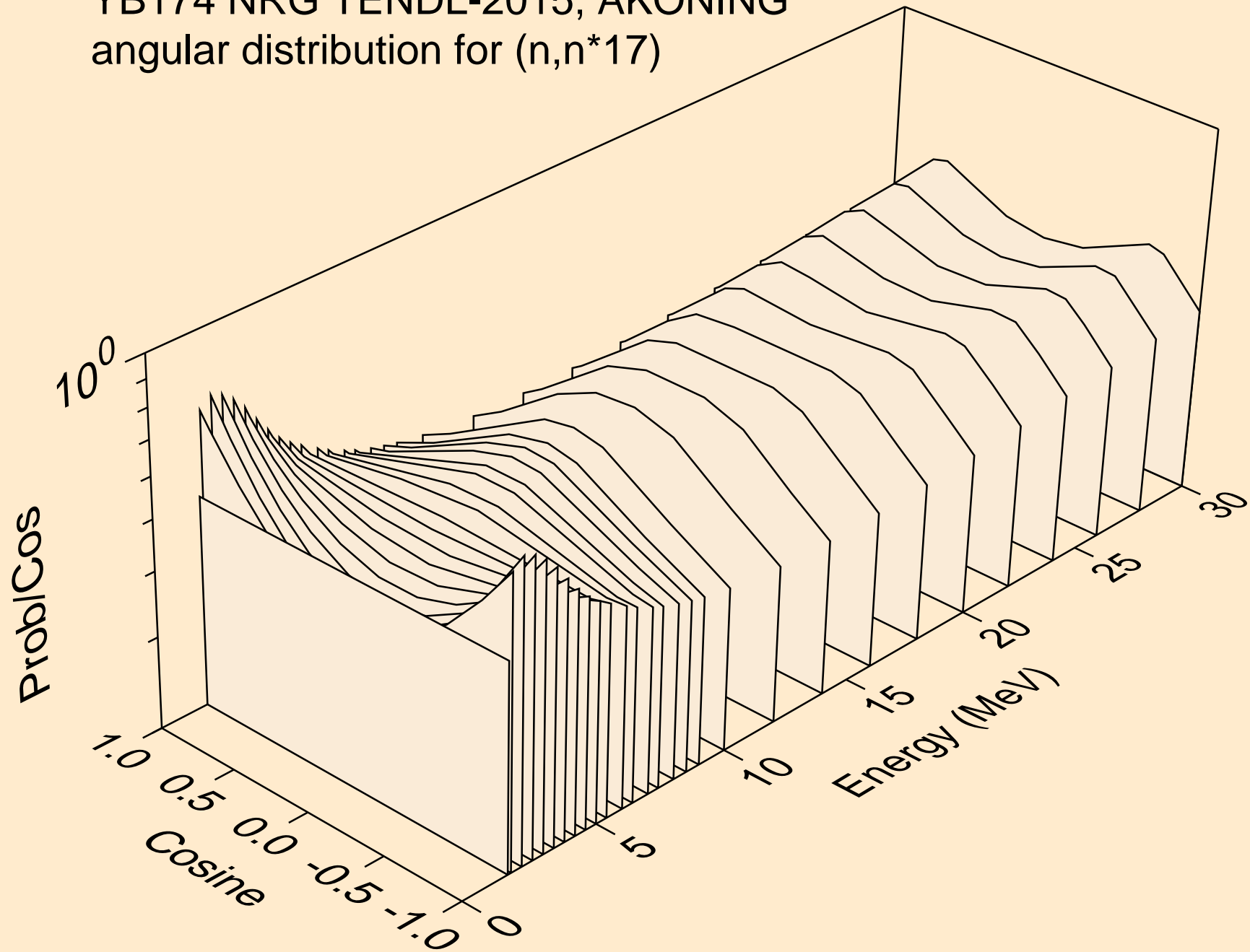




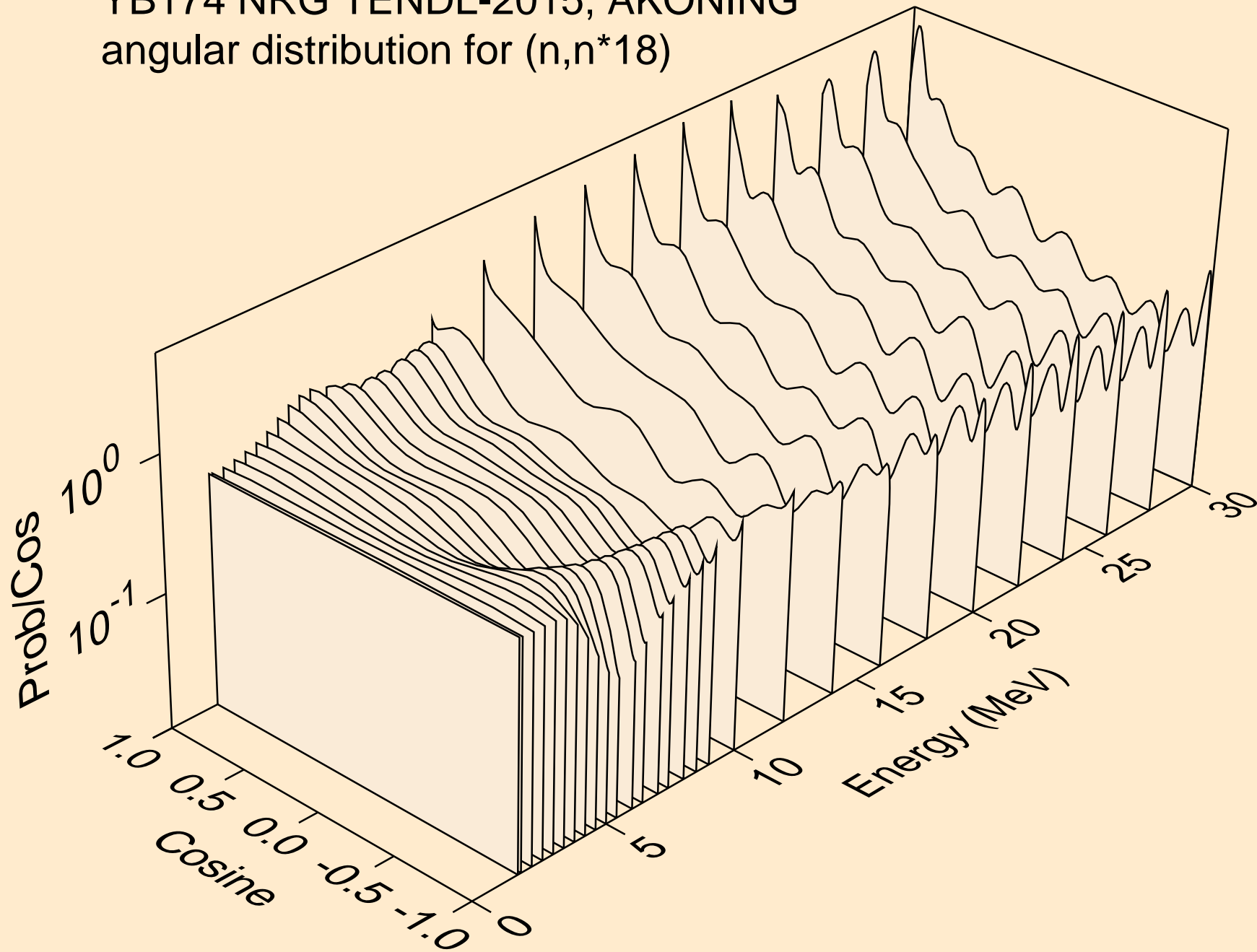
YB174 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



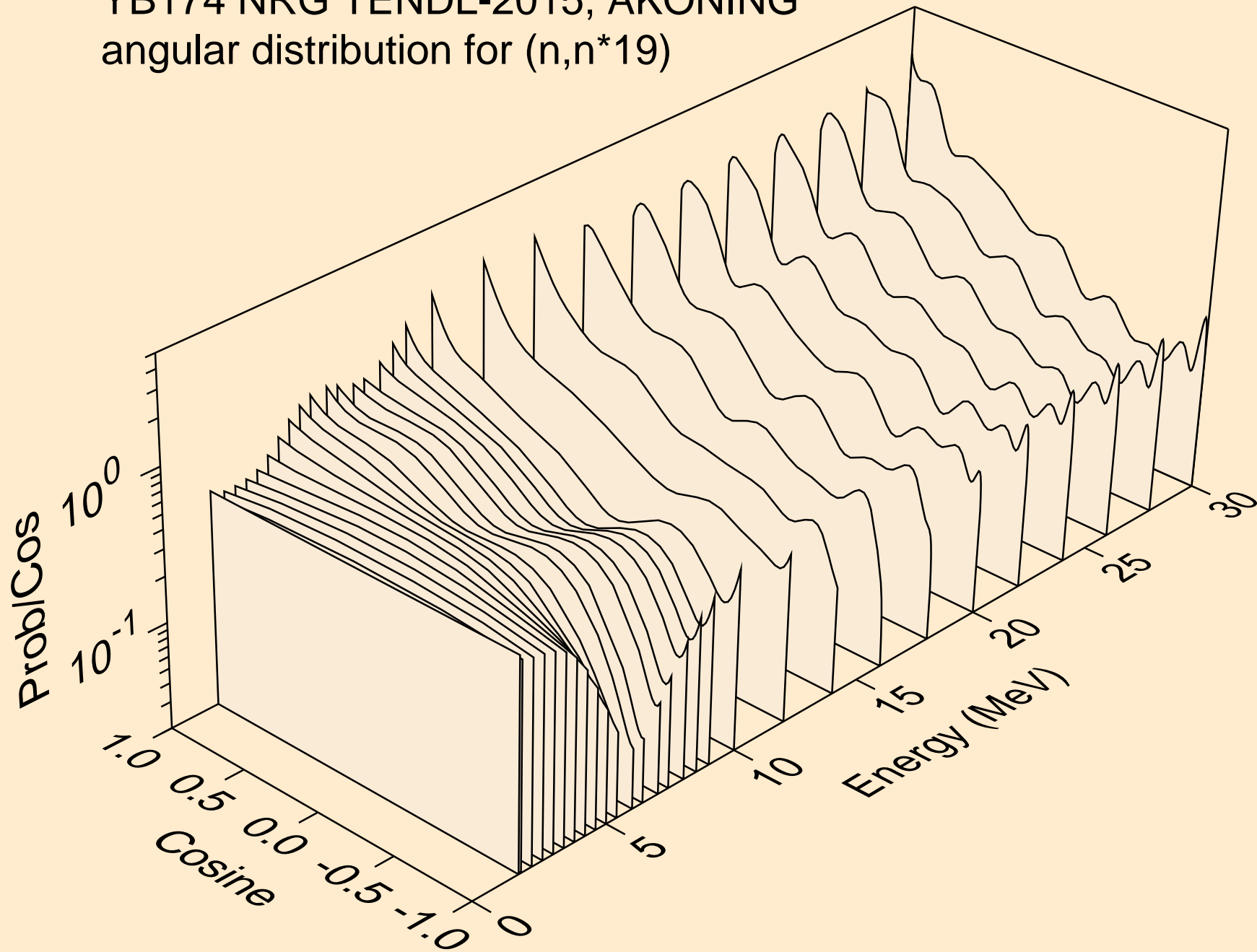
YB174 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



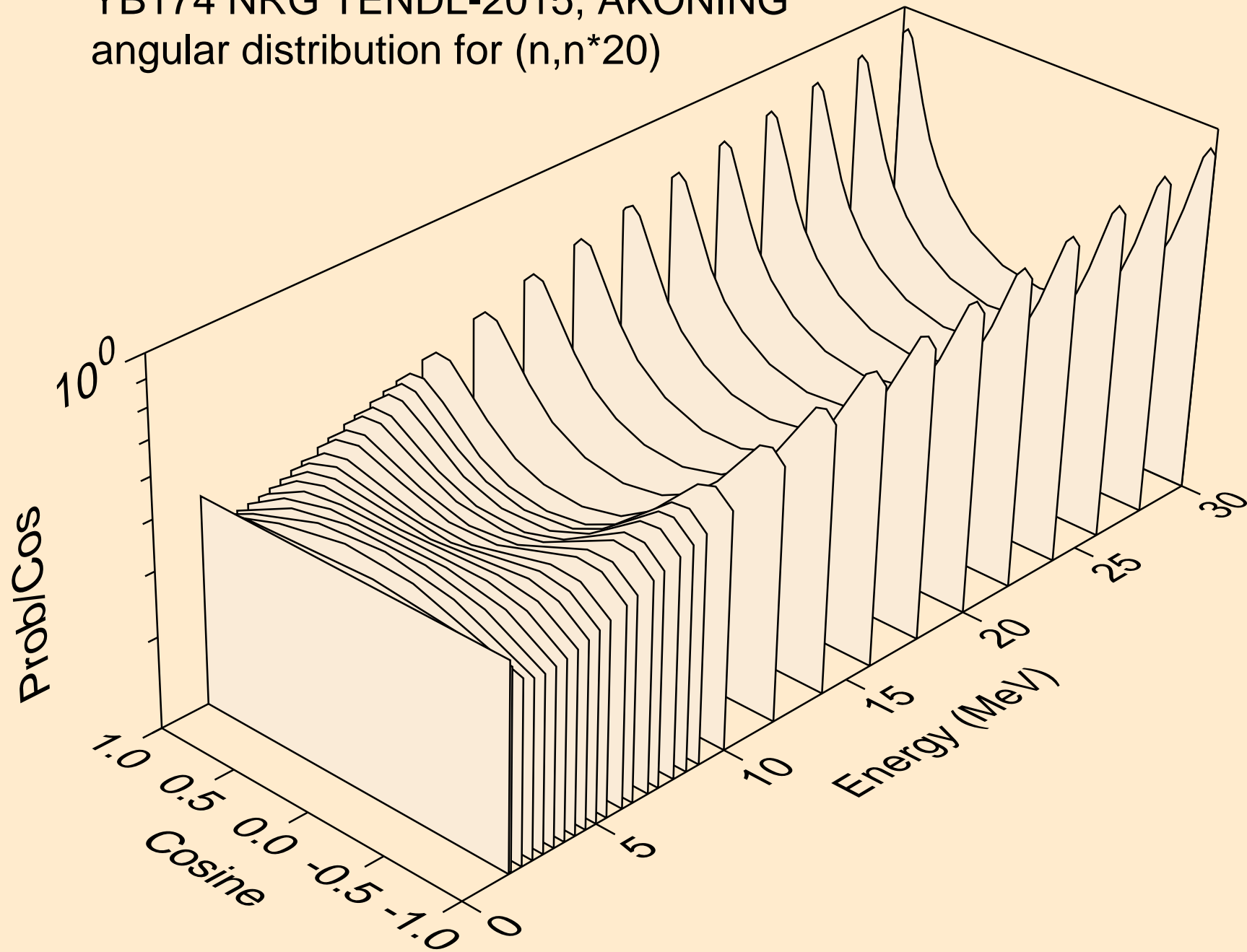
YB174 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



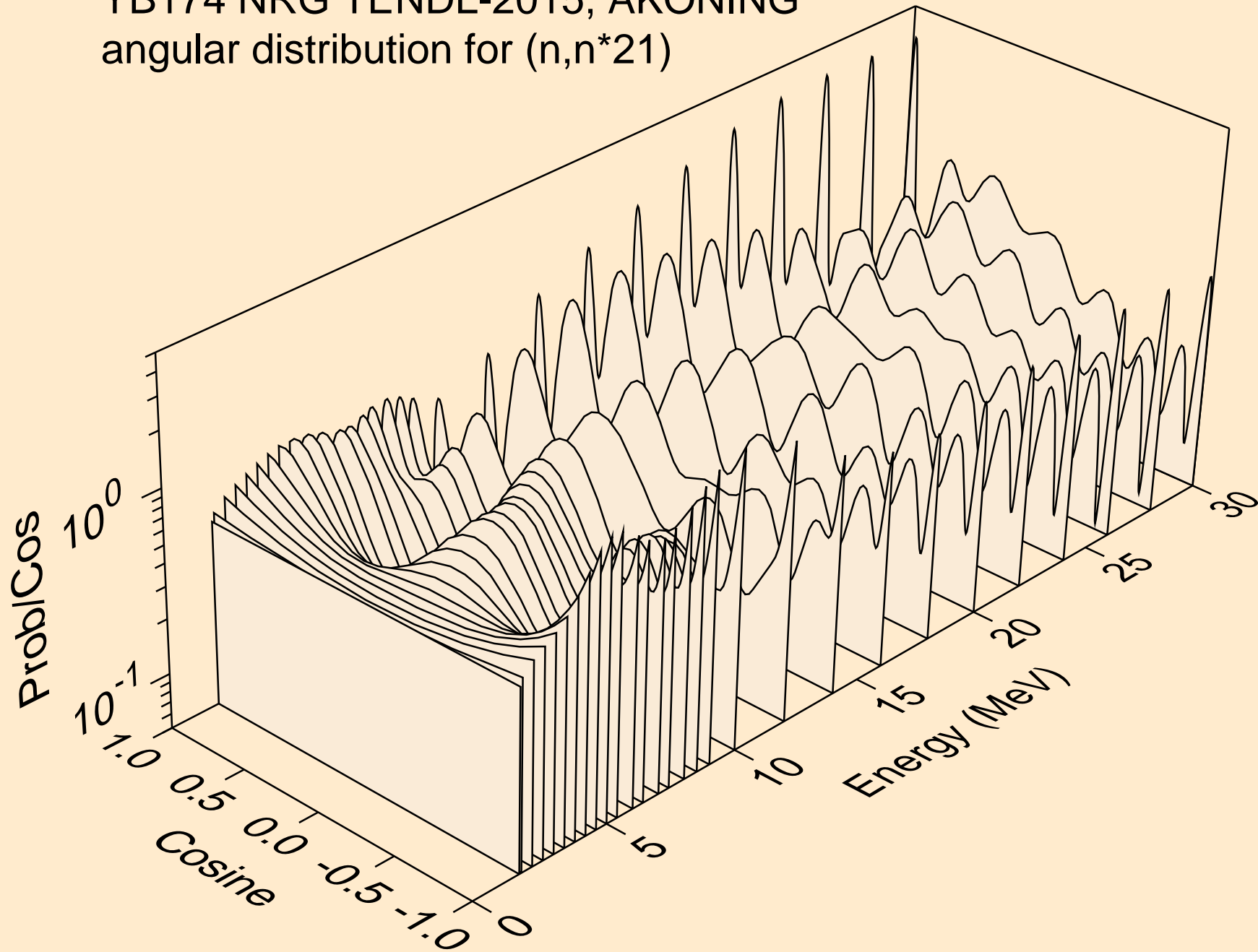
YB174 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



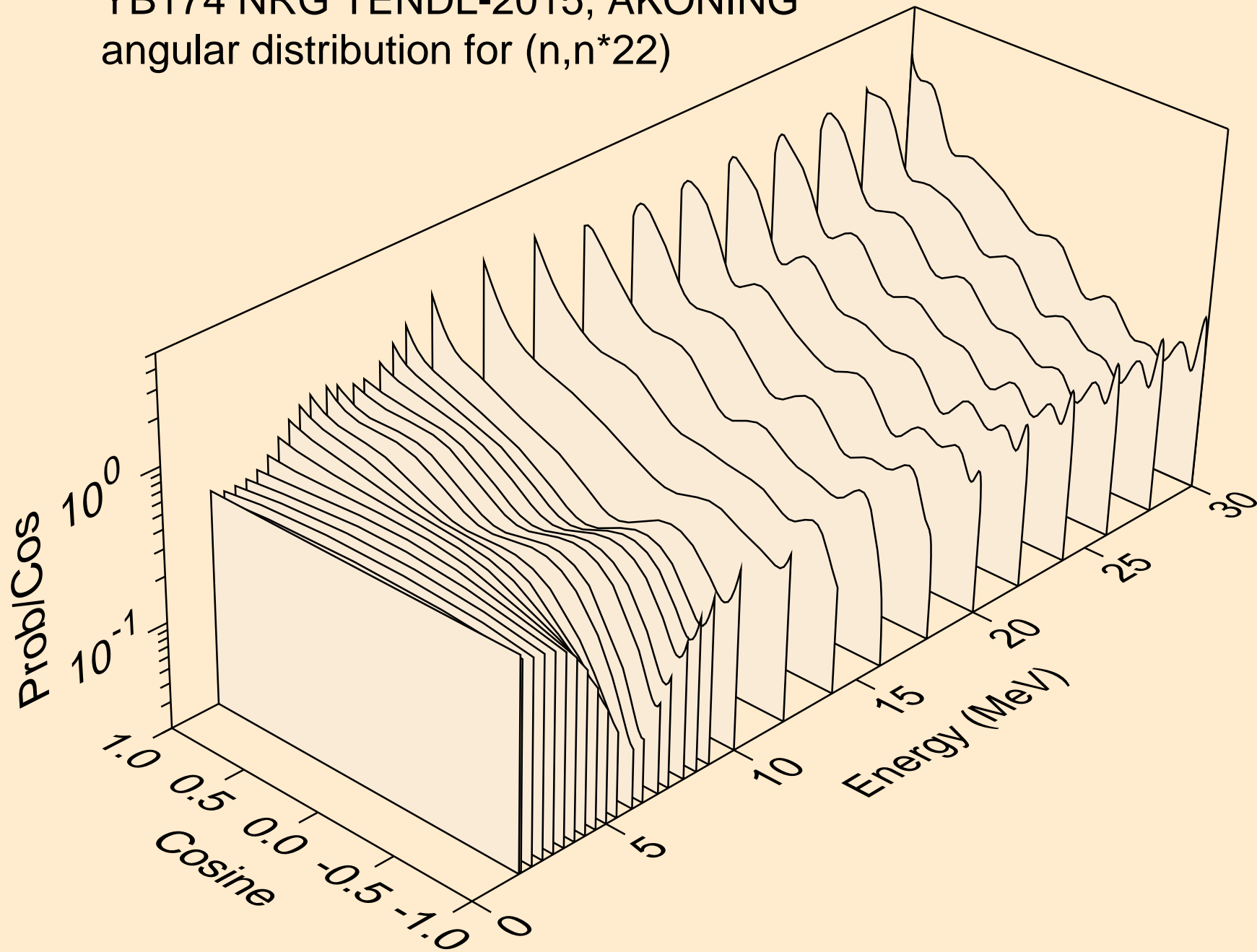
YB174 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



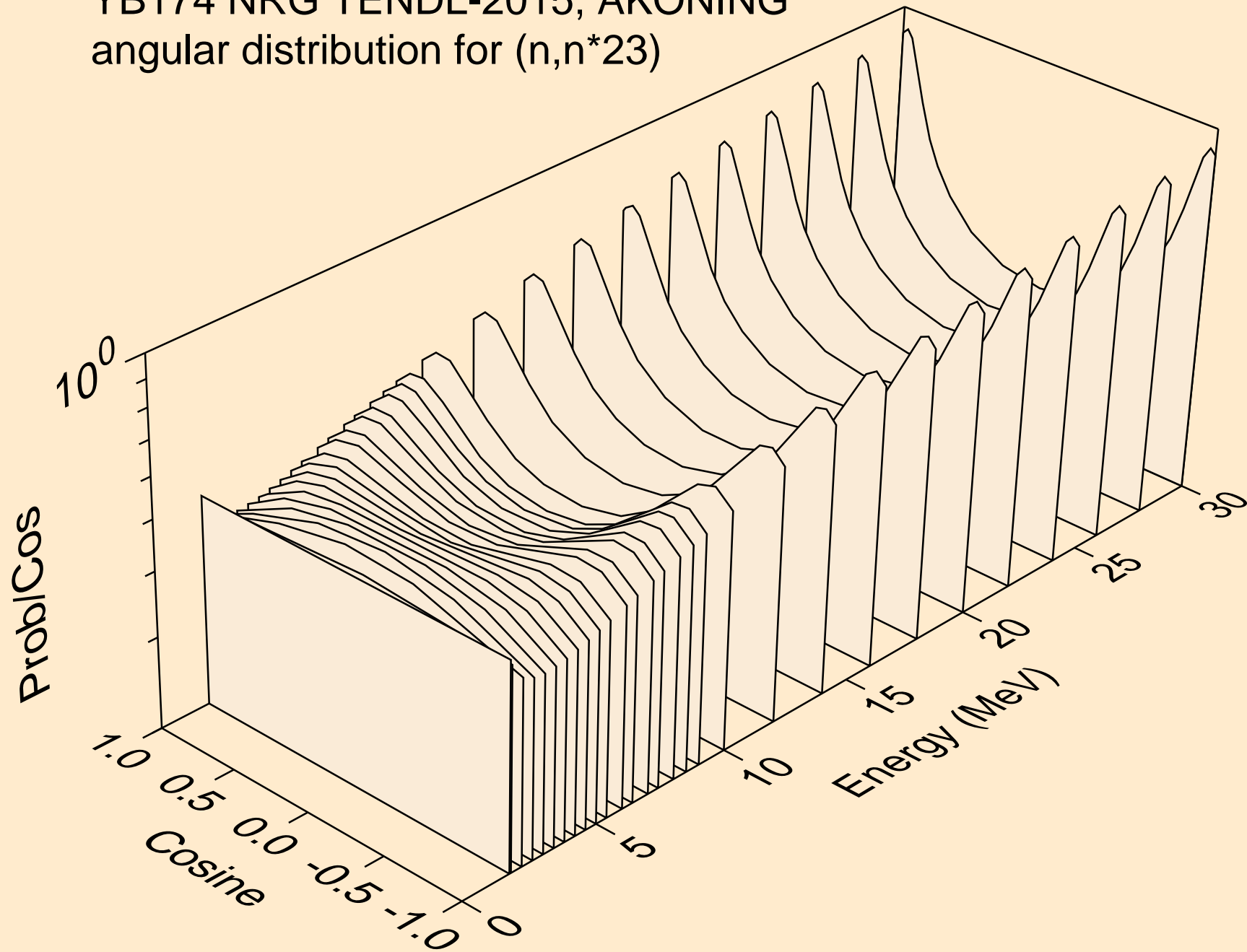
YB174 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



YB174 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

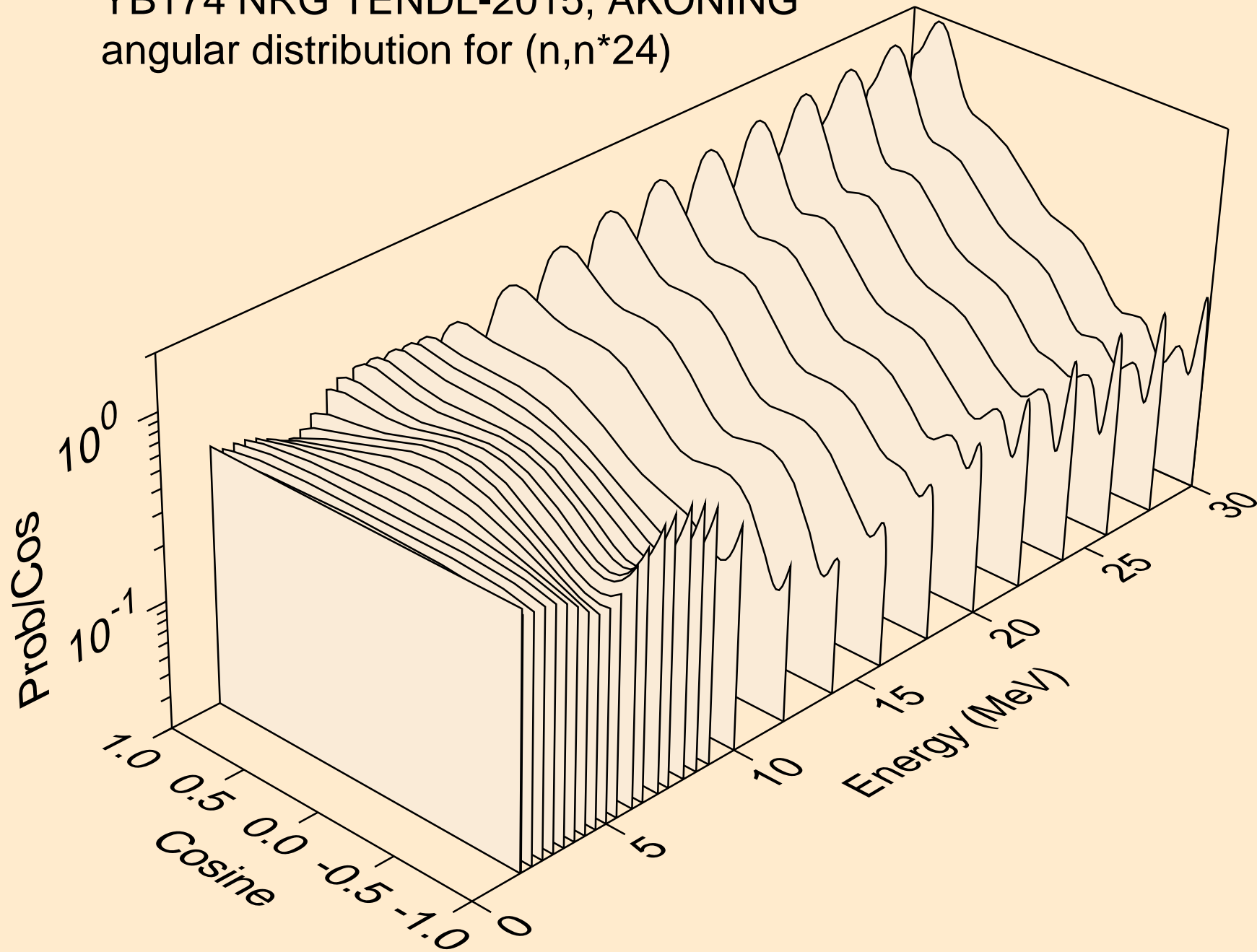


YB174 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)

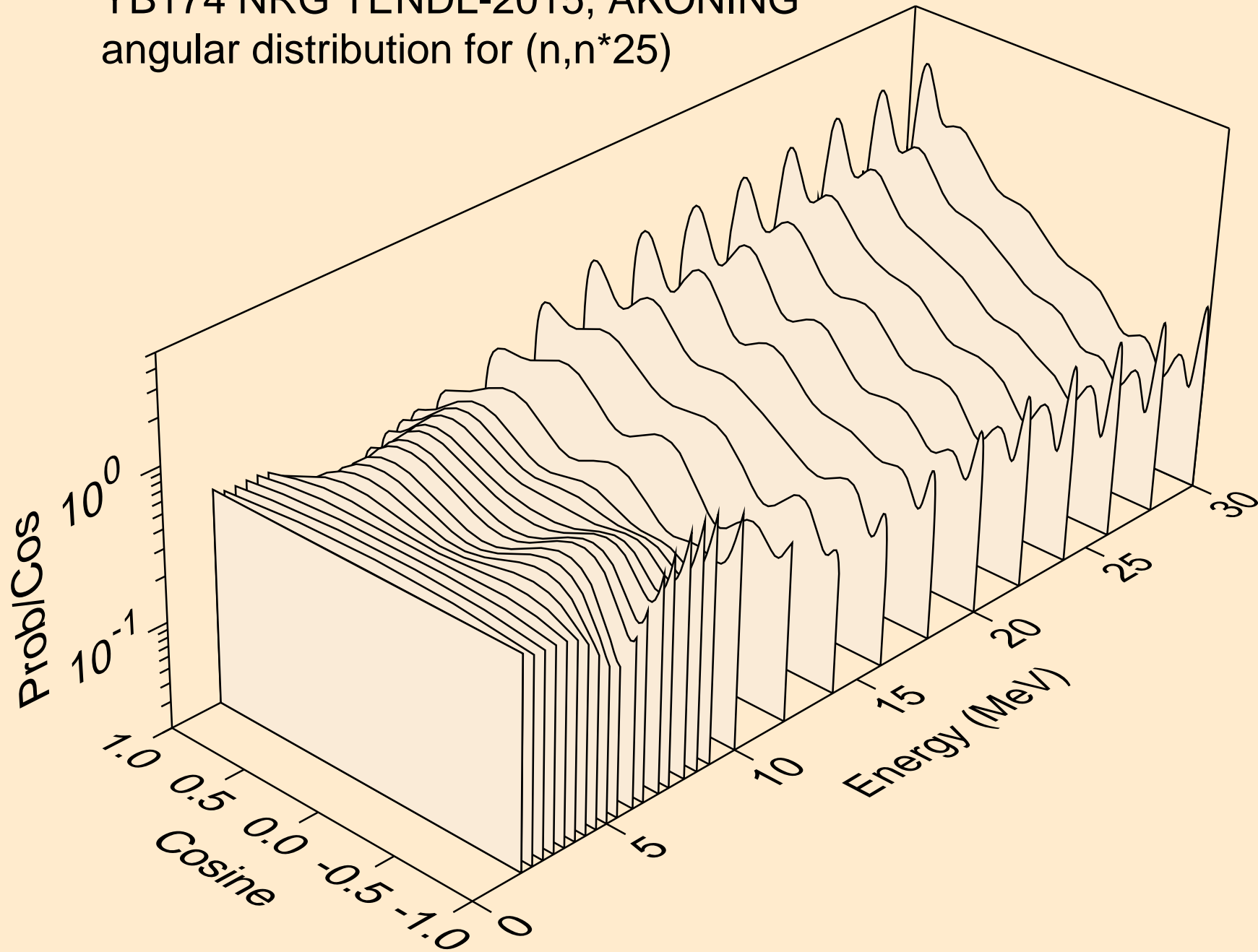




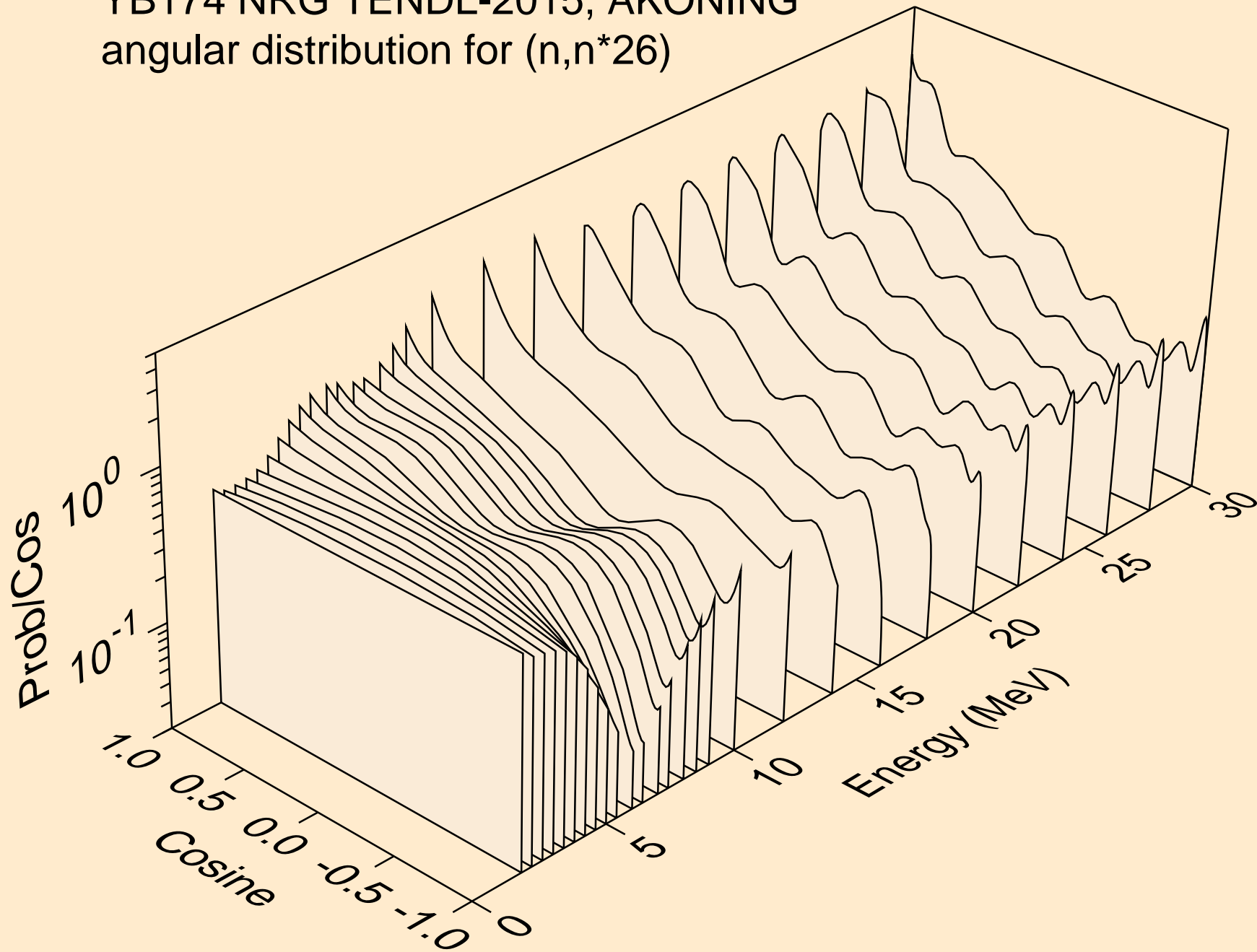
YB174 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



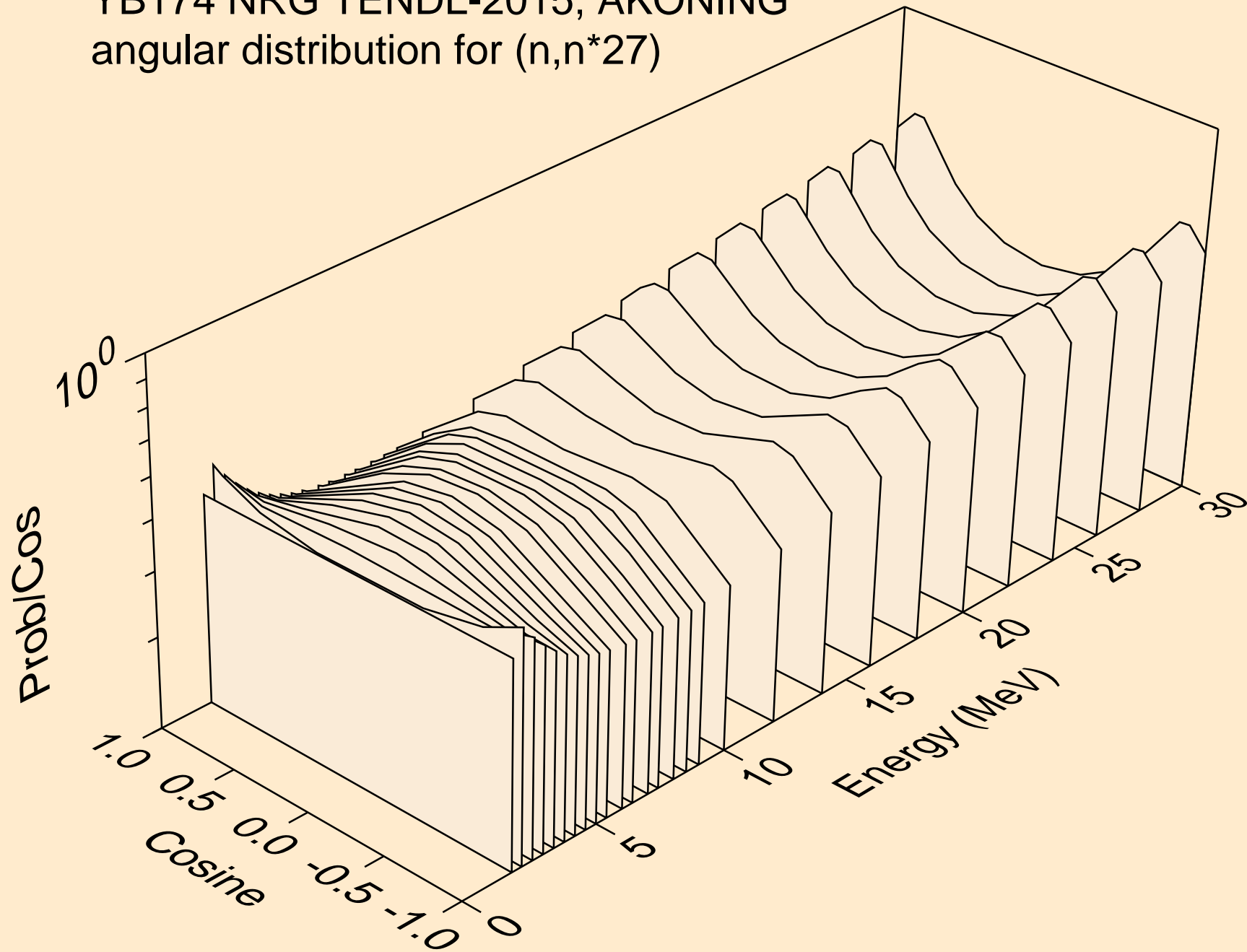
YB174 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



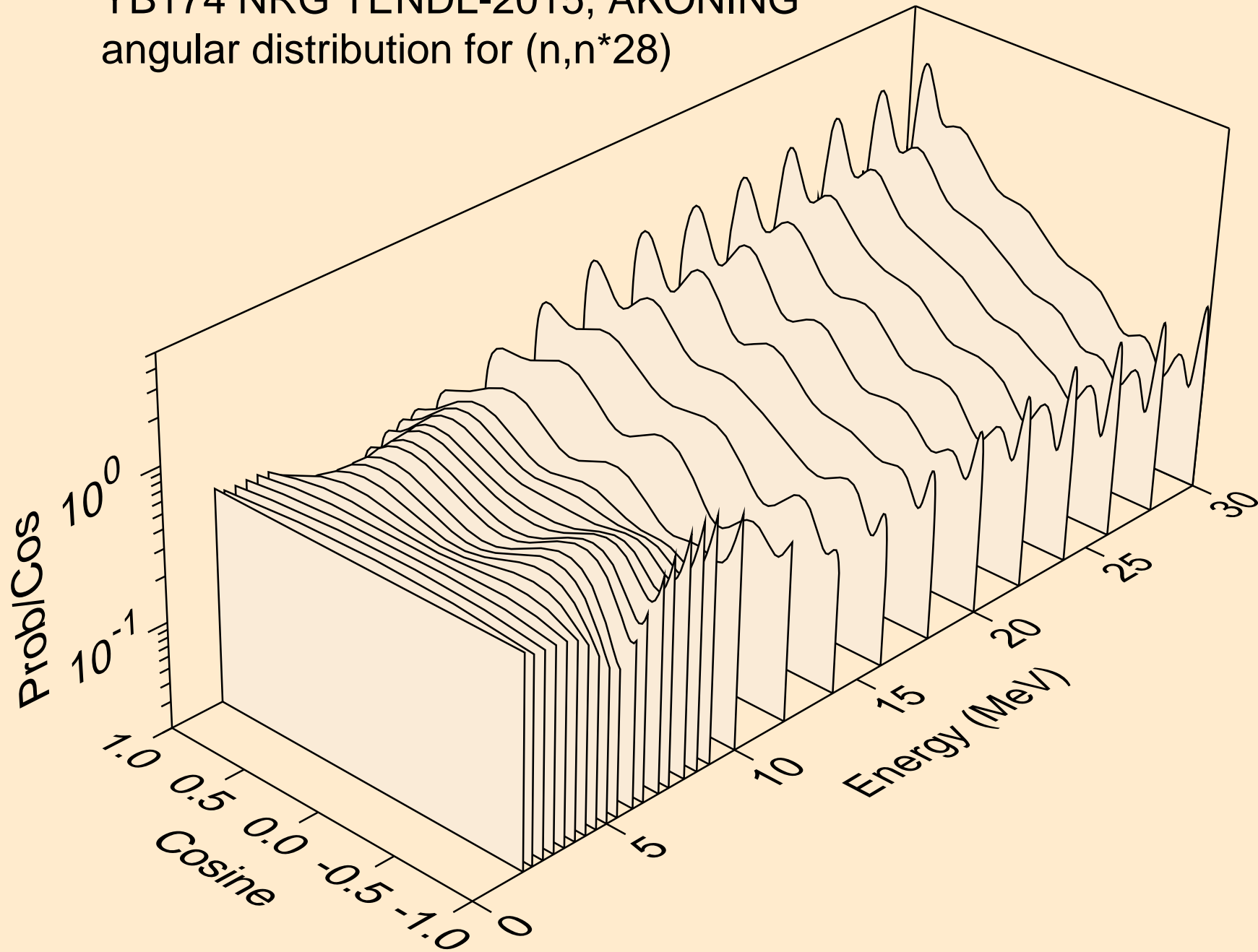
YB174 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



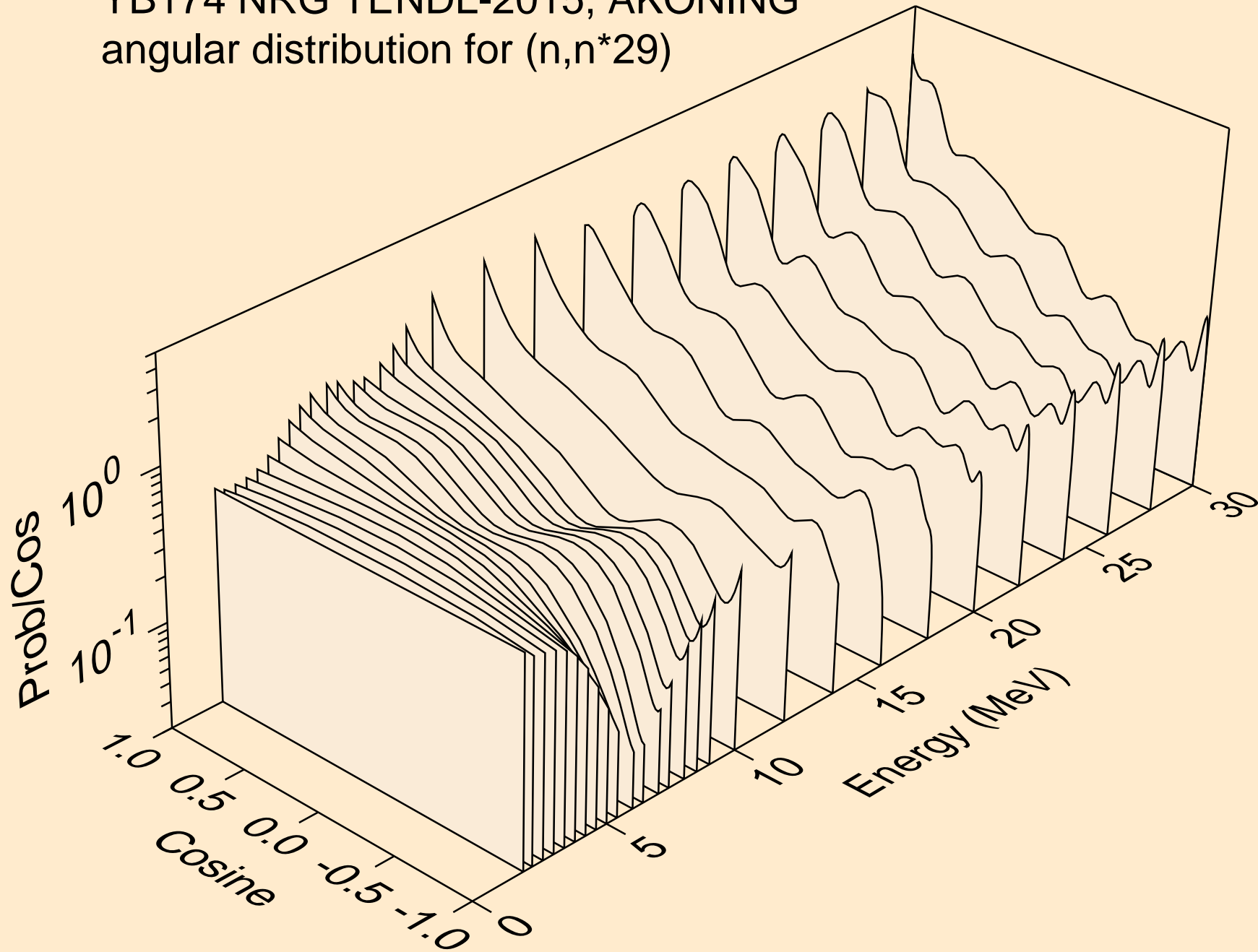
YB174 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



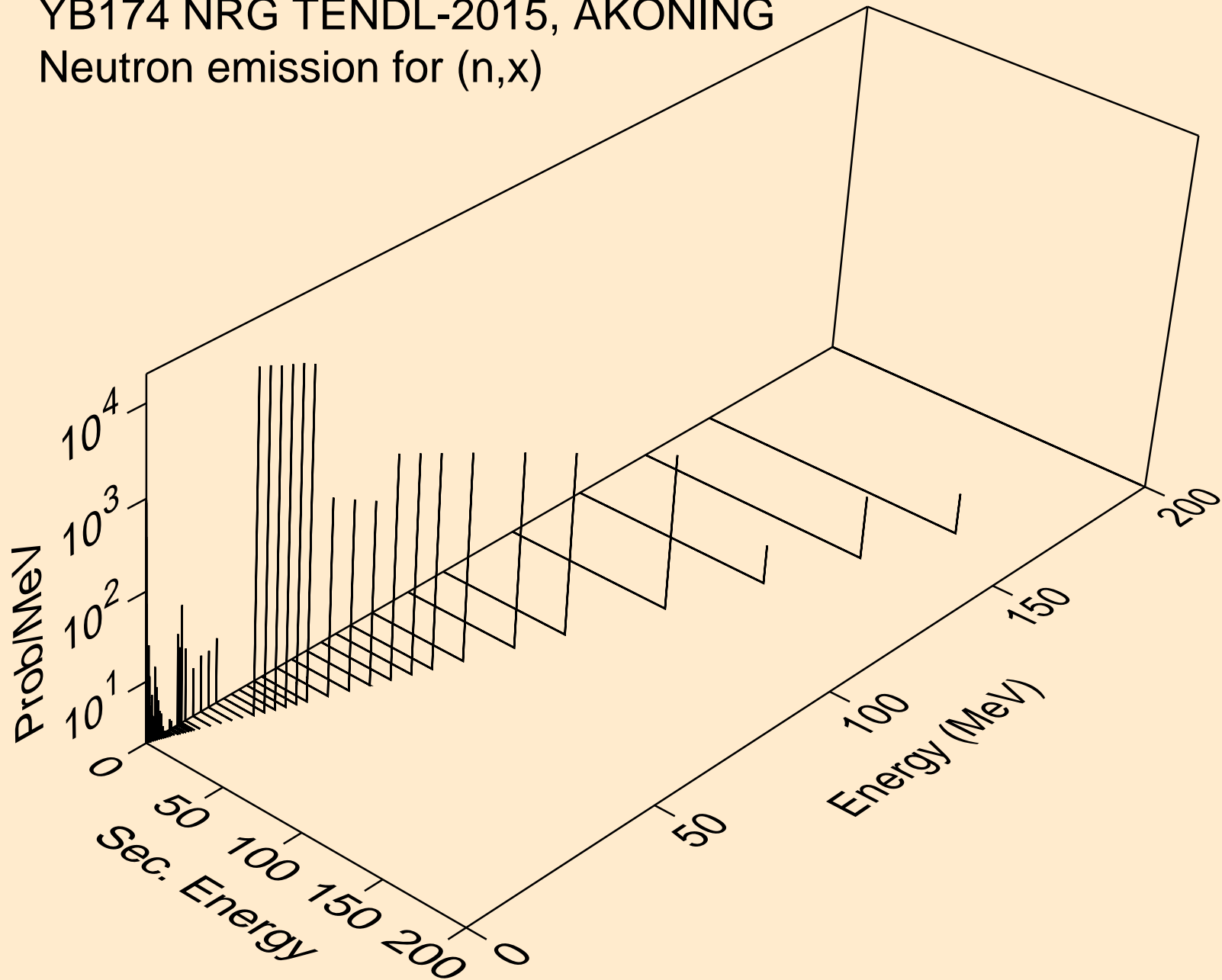
YB174 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



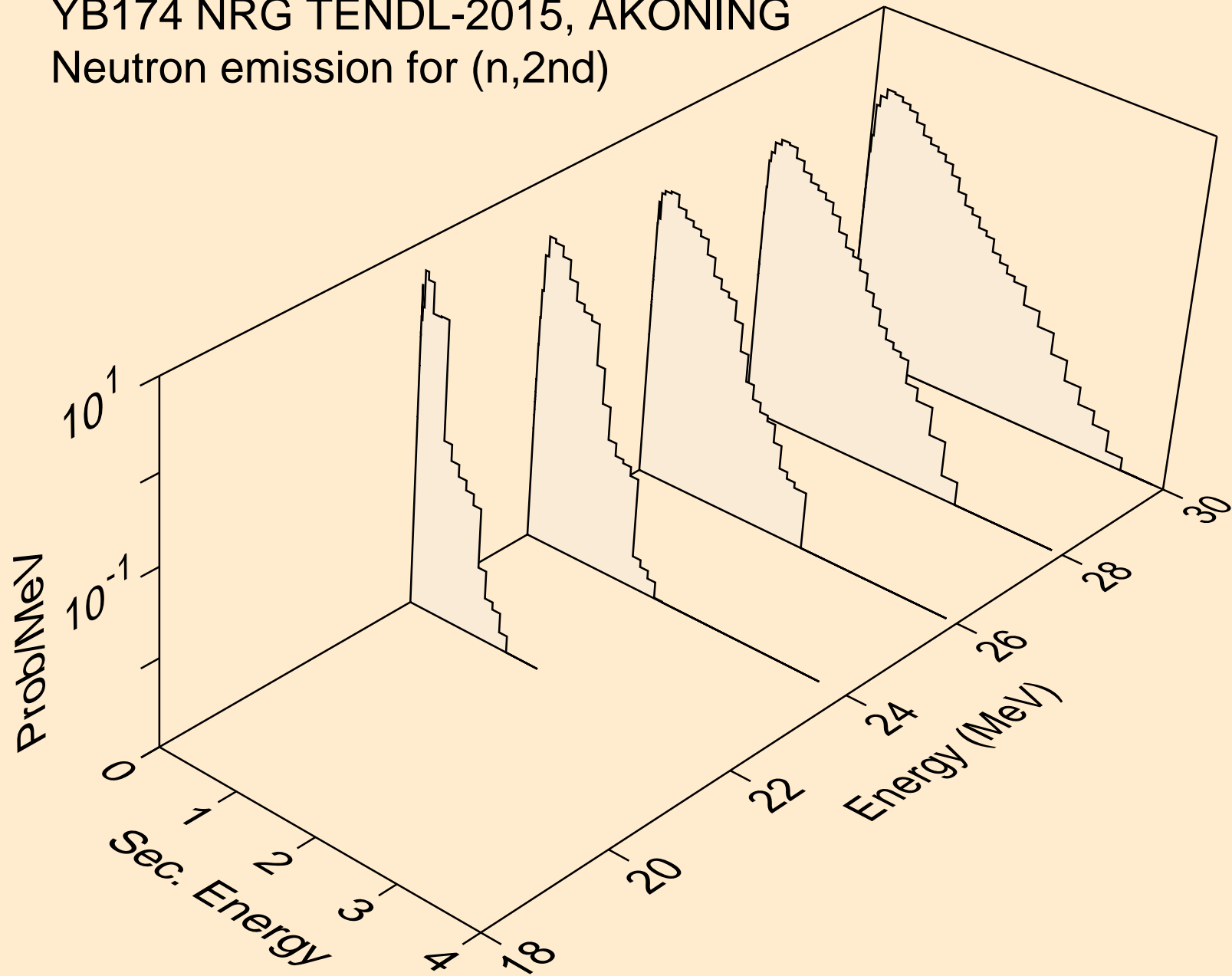
YB174 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)



YB174 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

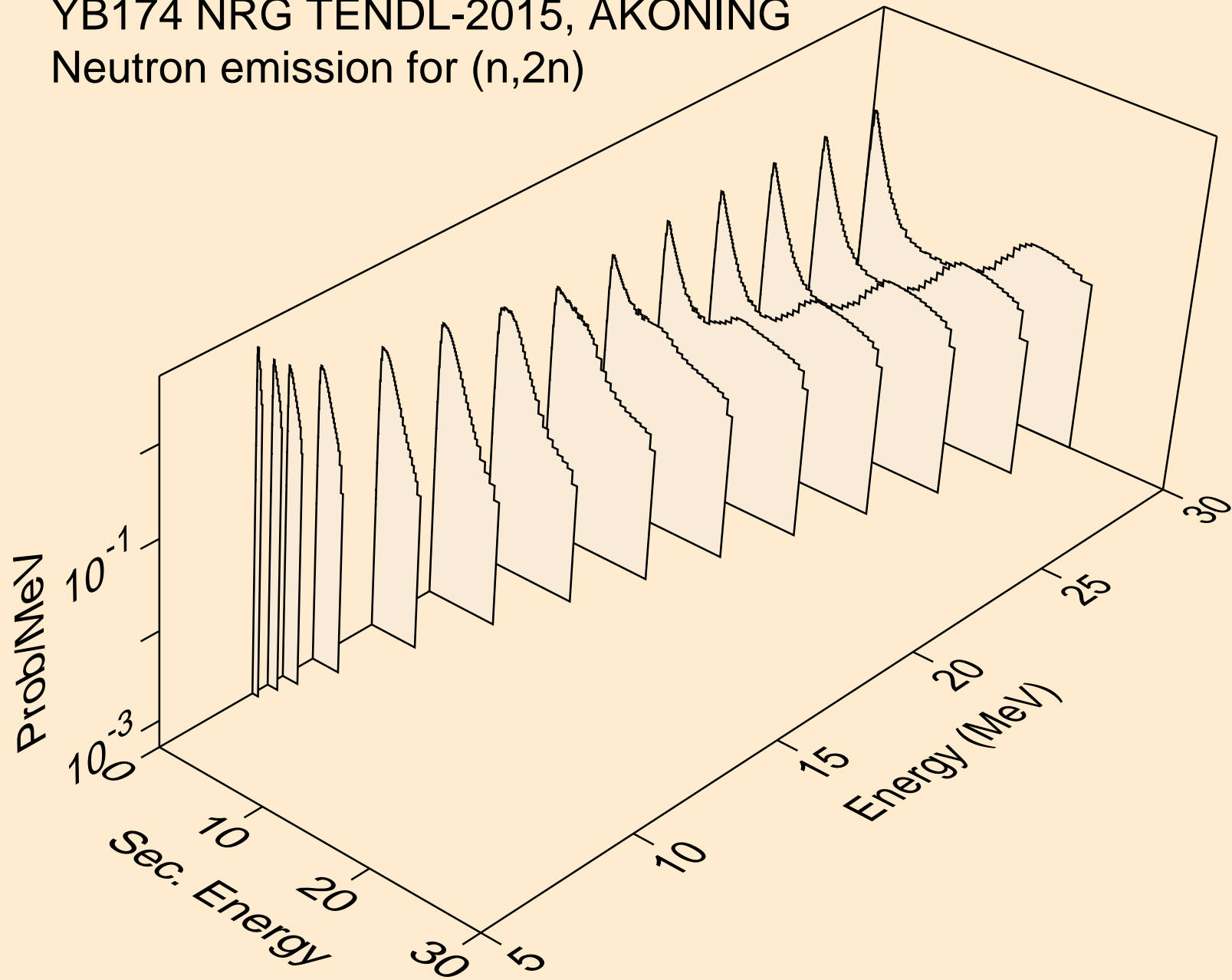


YB174 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)

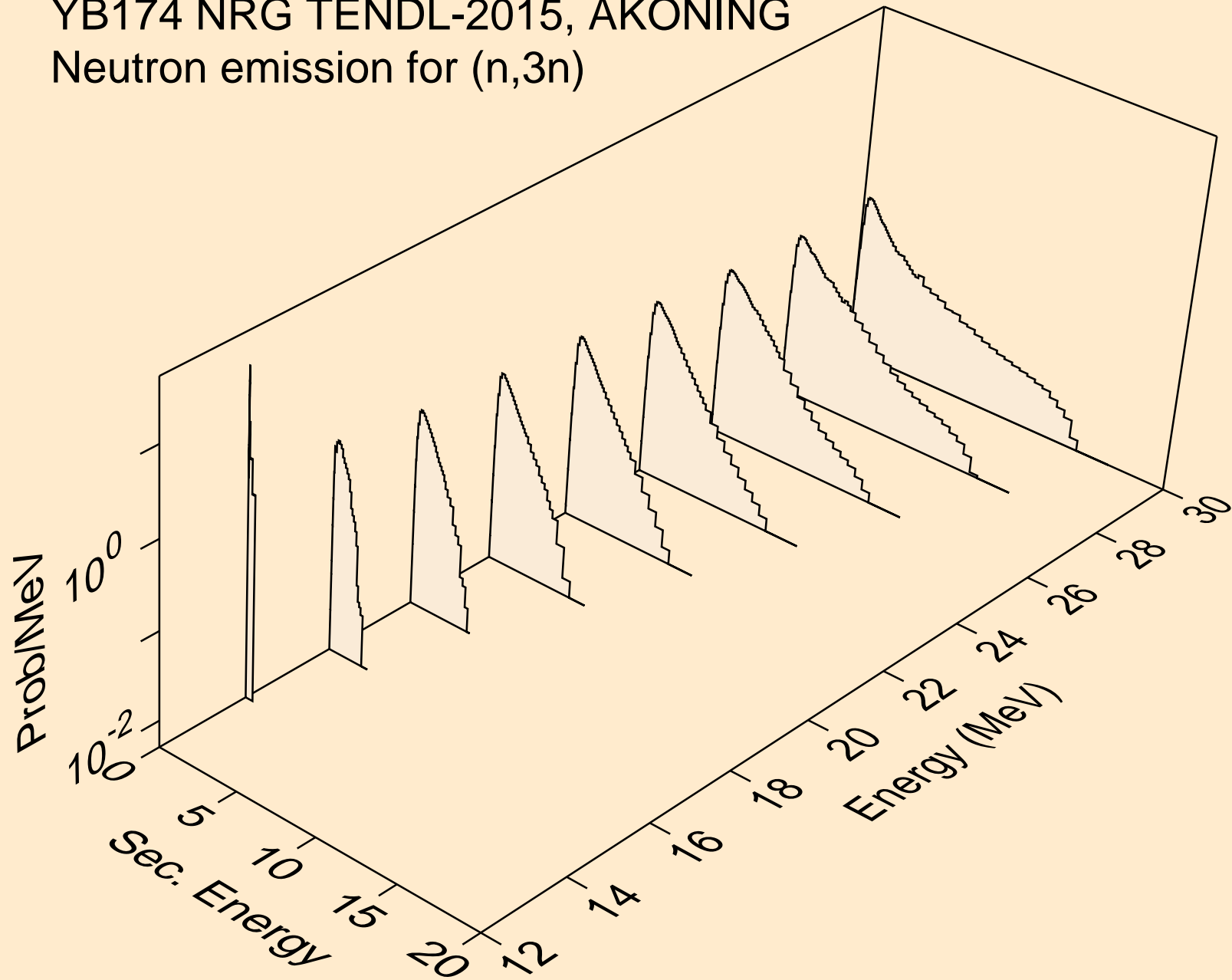




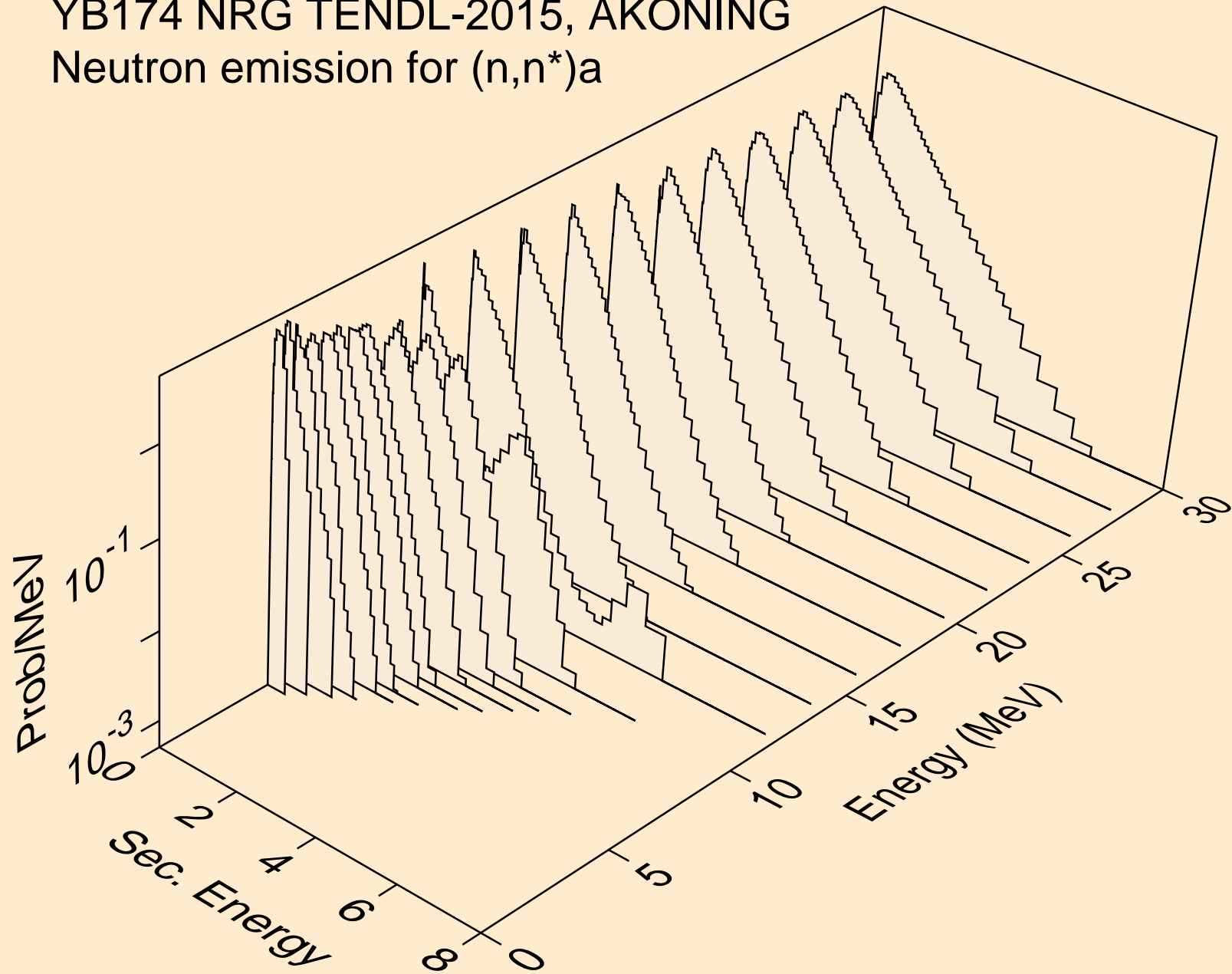
YB174 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



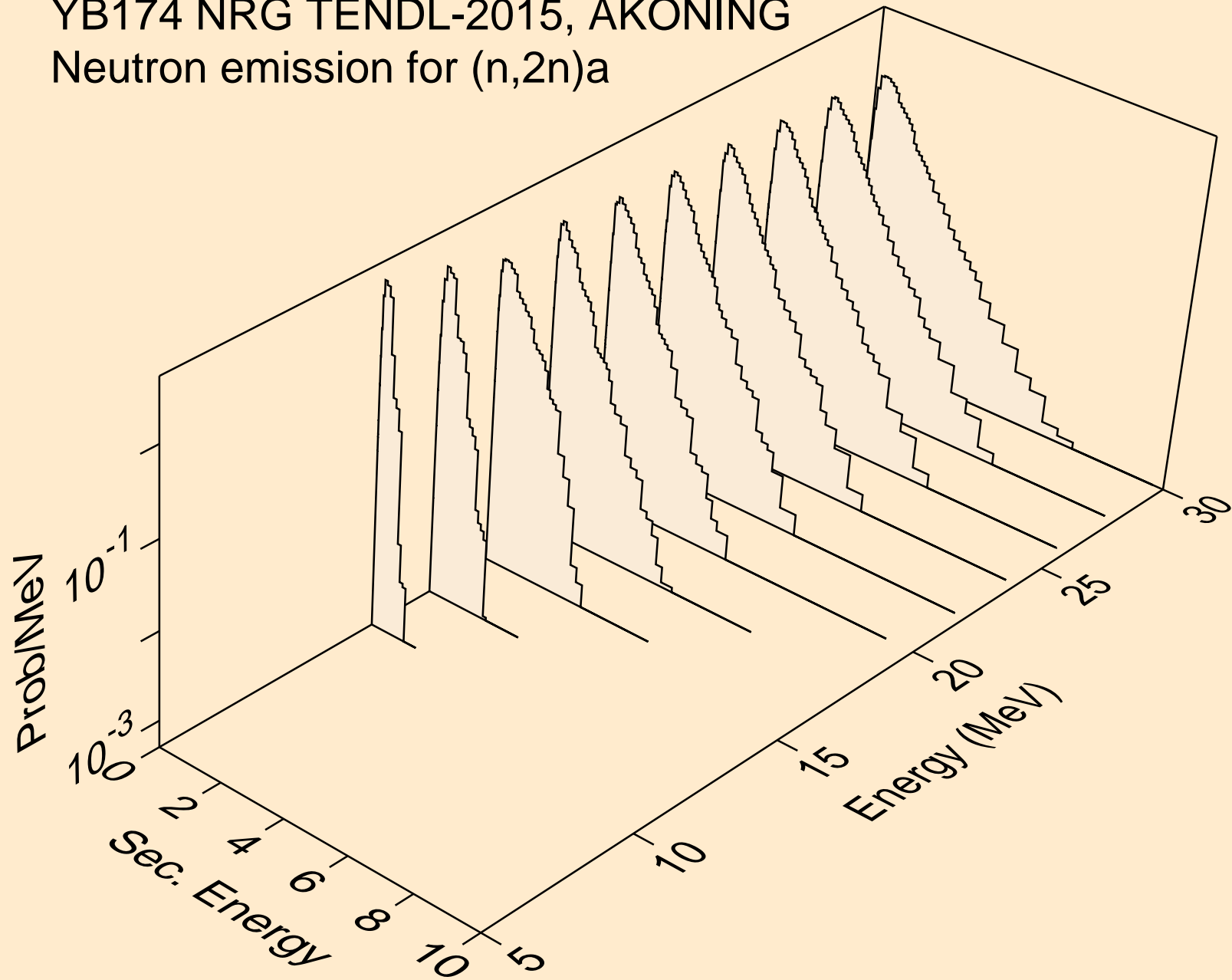
YB174 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



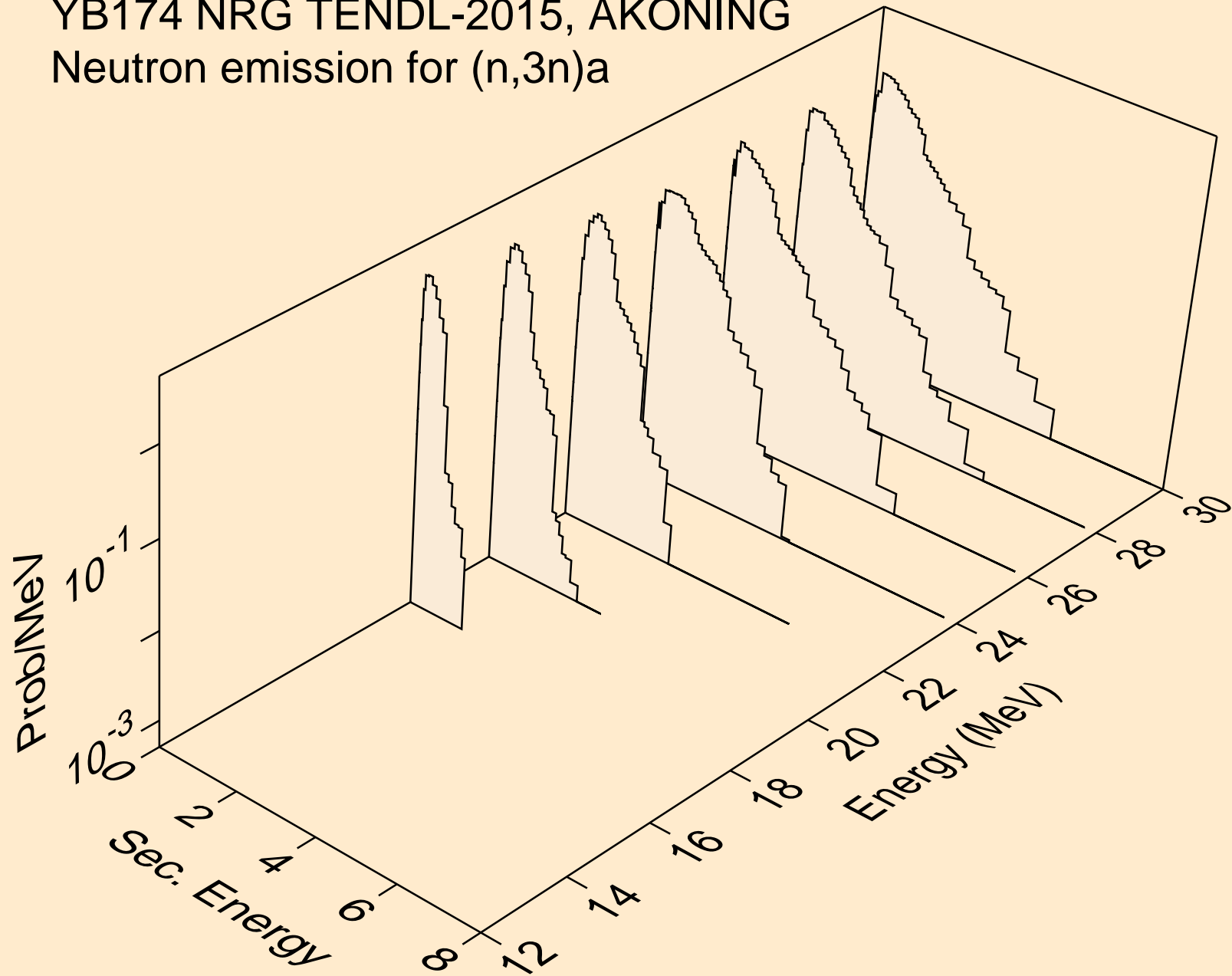
YB174 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



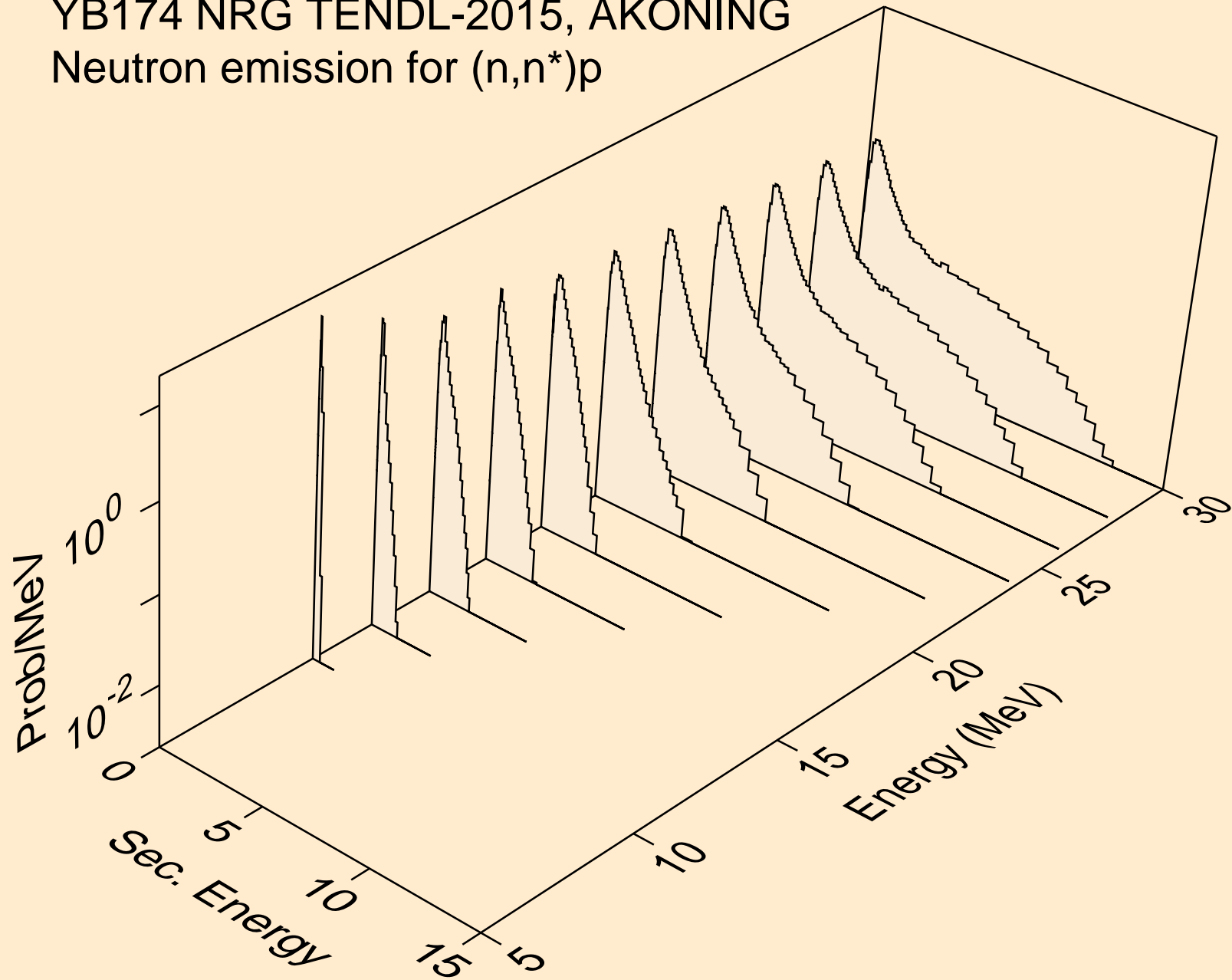
YB174 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



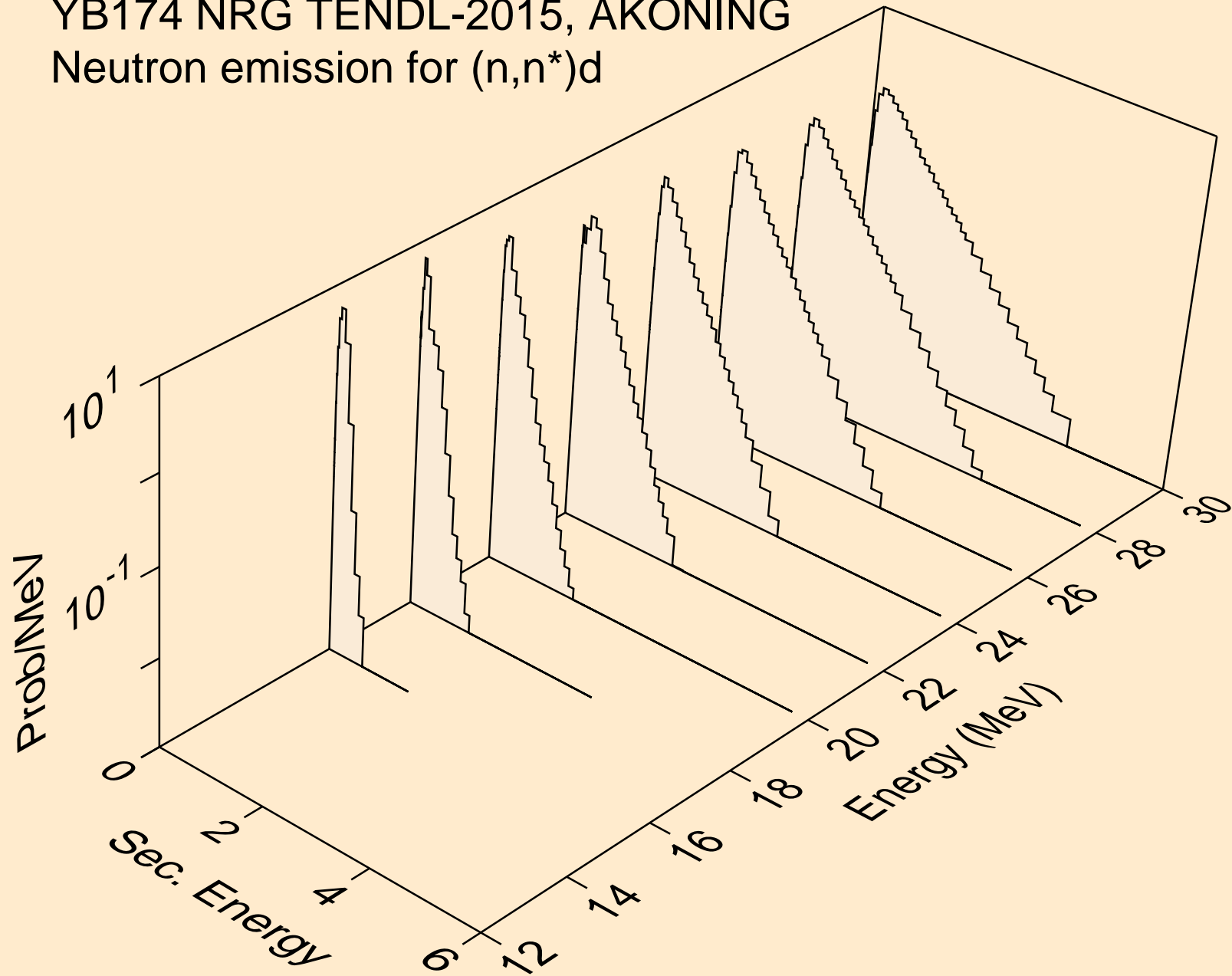
YB174 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



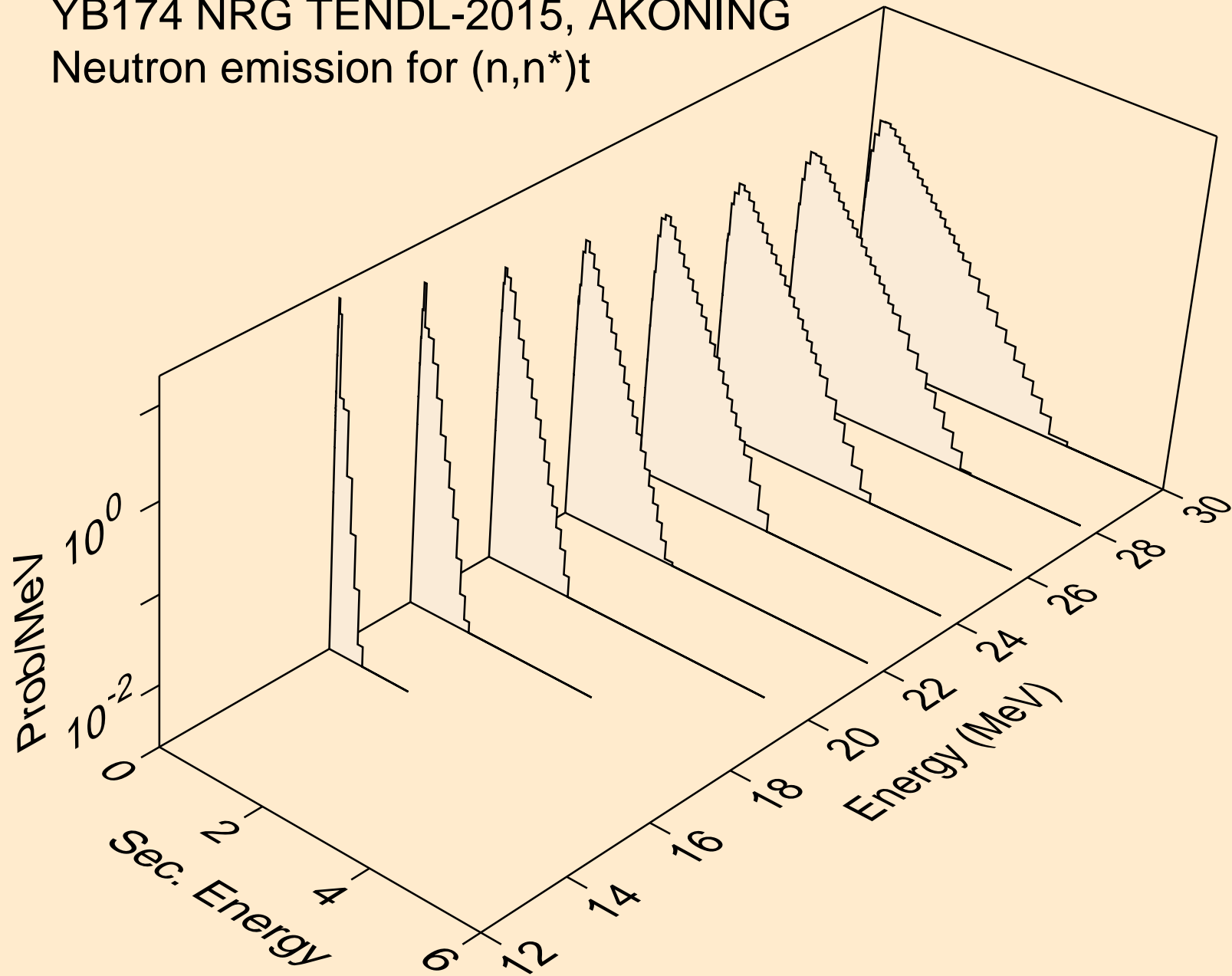
YB174 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



YB174 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d

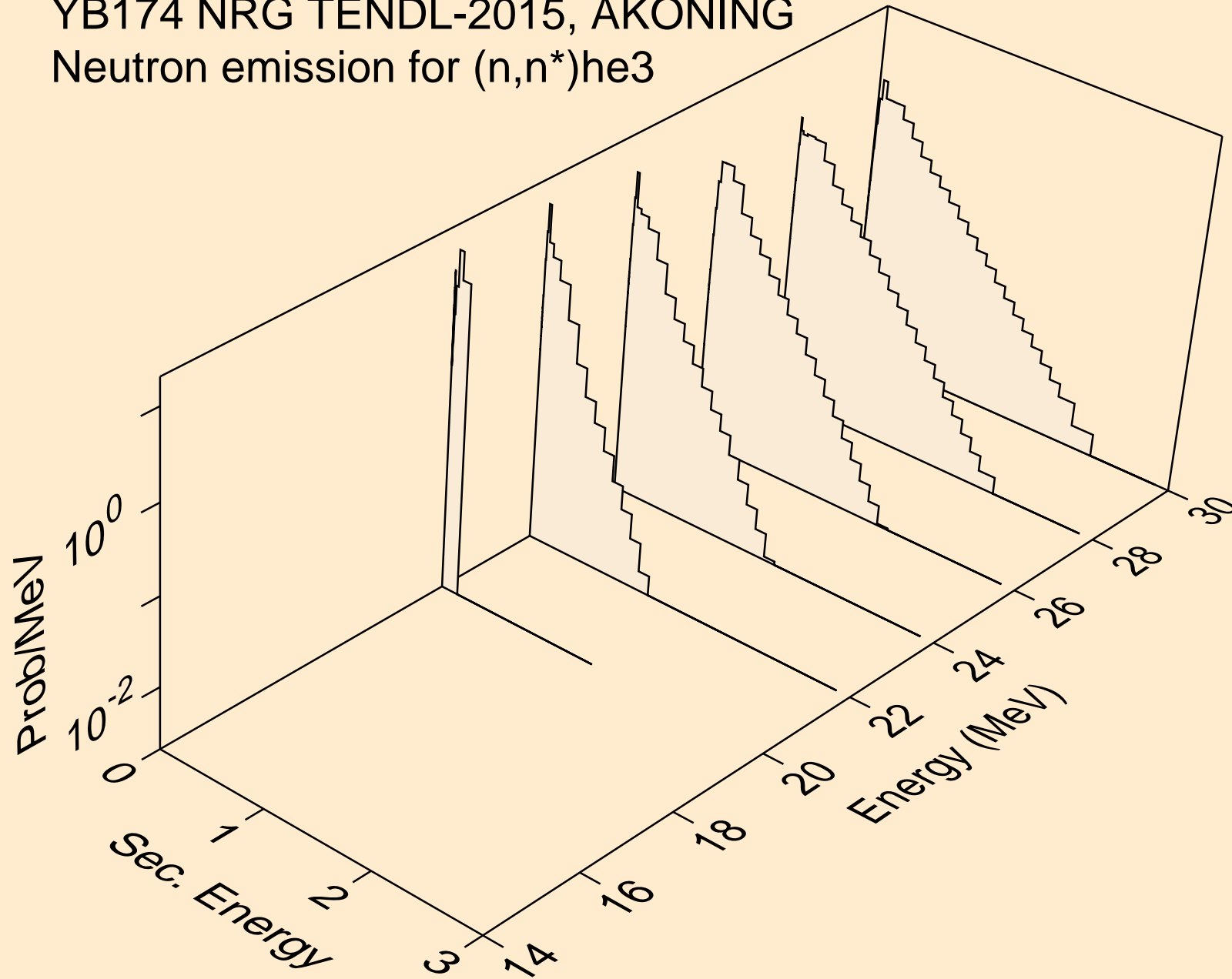


YB174 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t

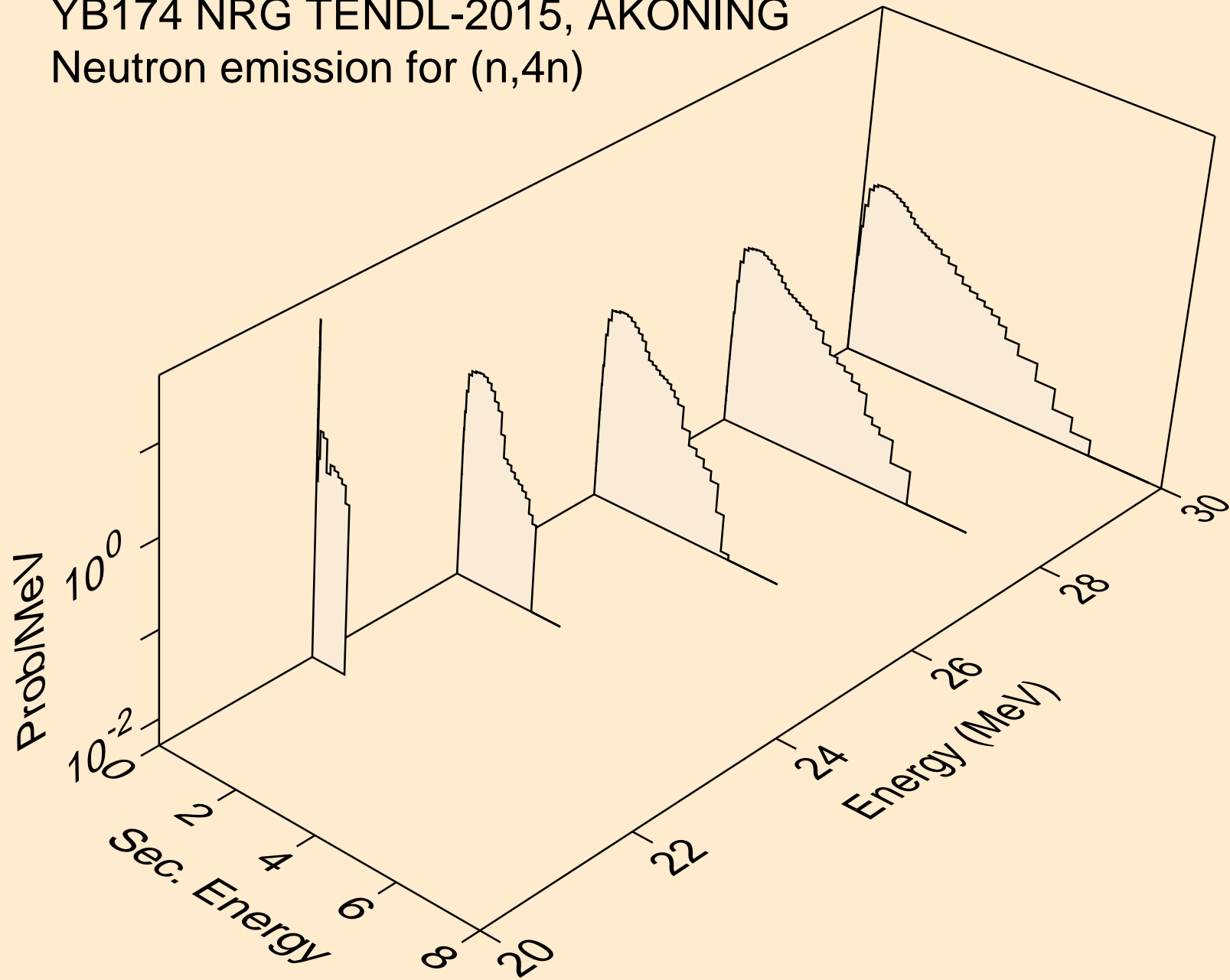




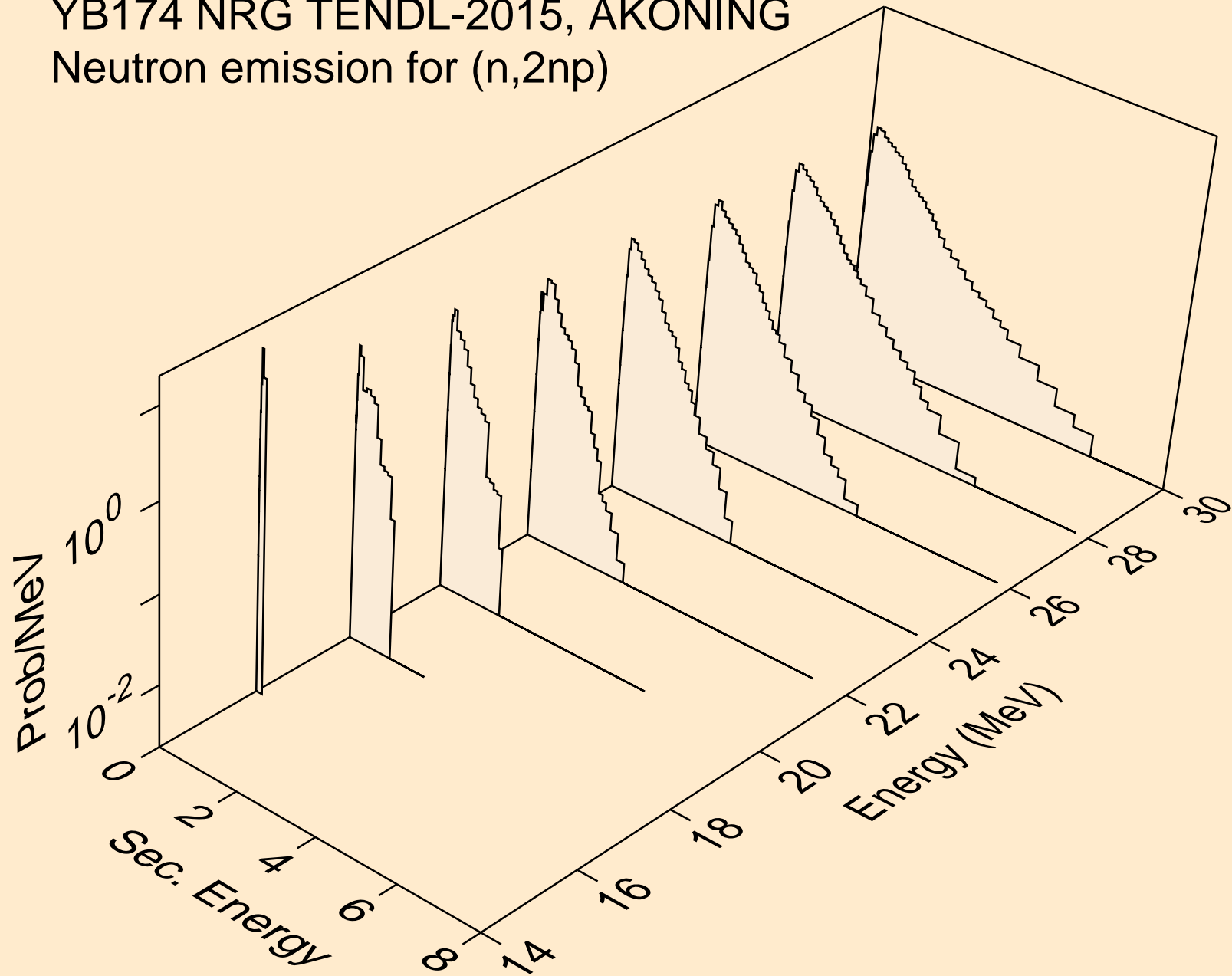
YB174 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



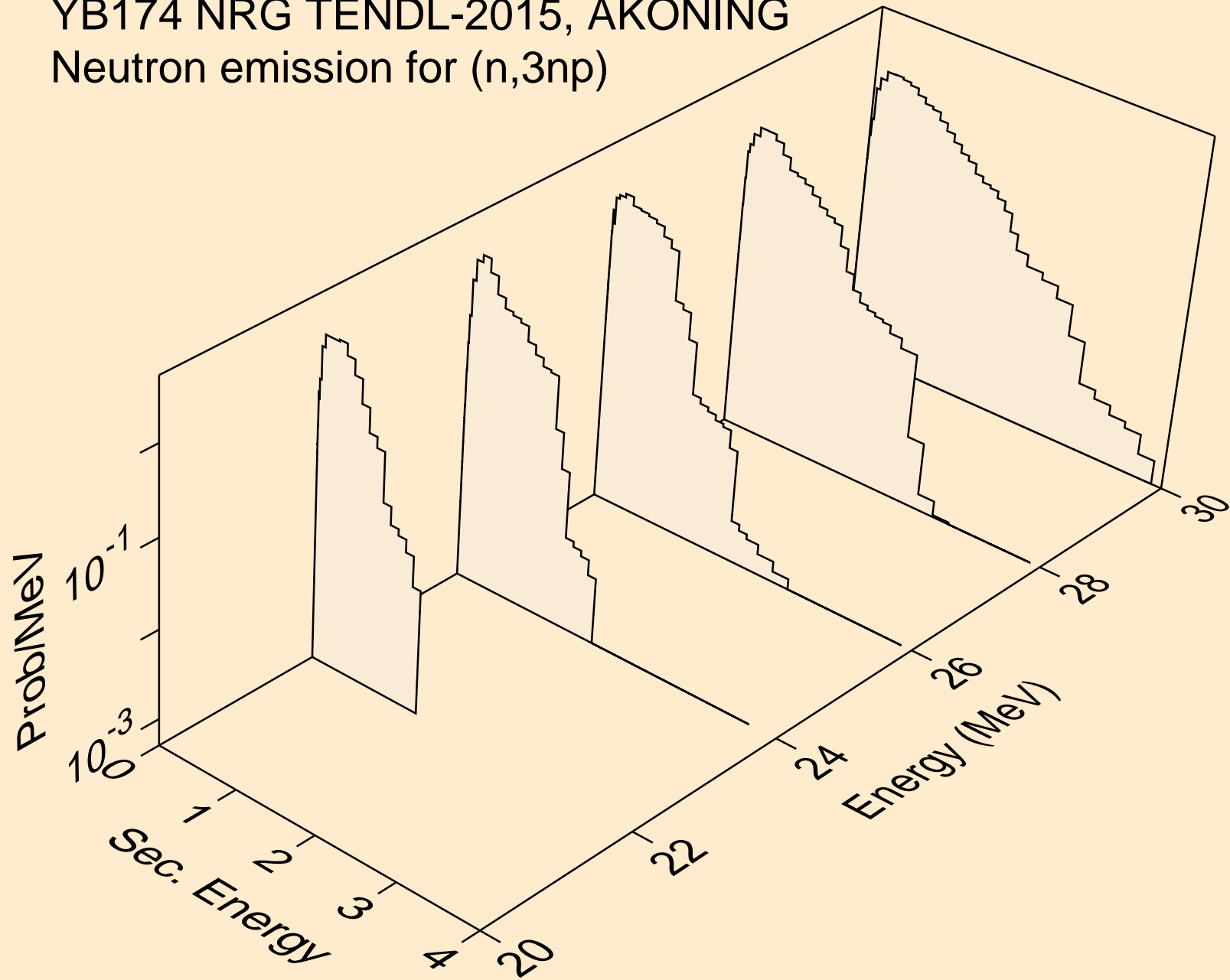
YB174 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



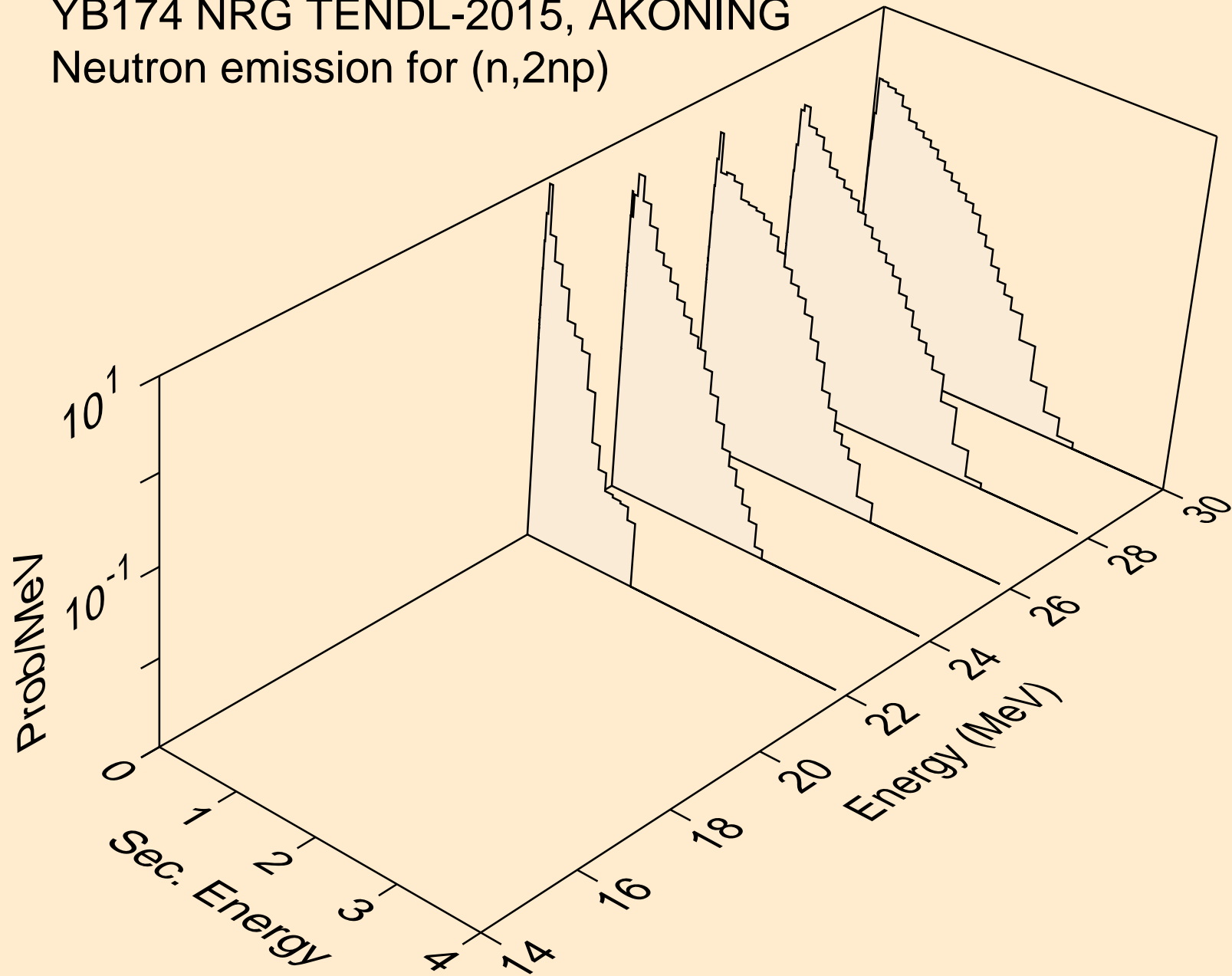
YB174 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



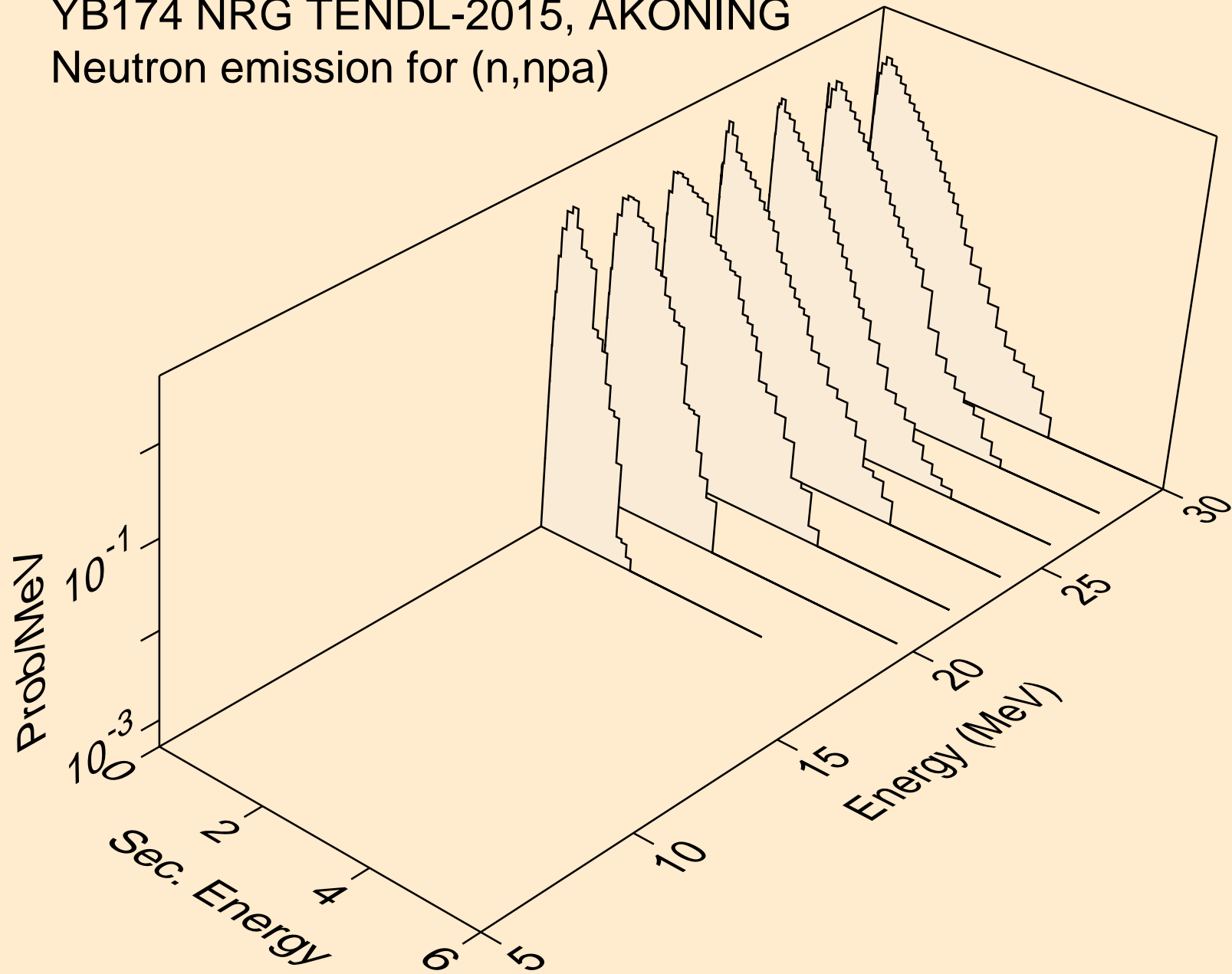
YB174 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



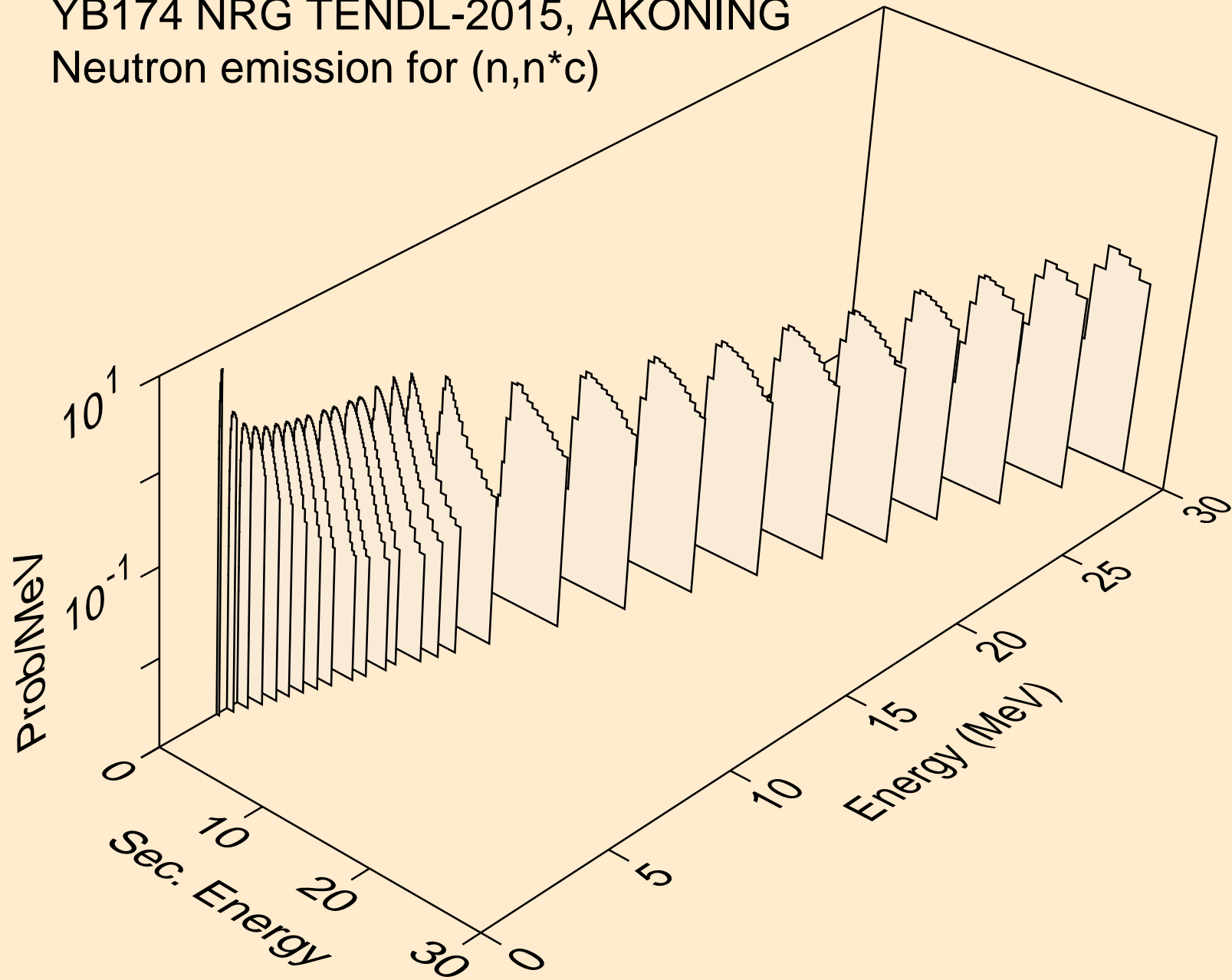
YB174 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



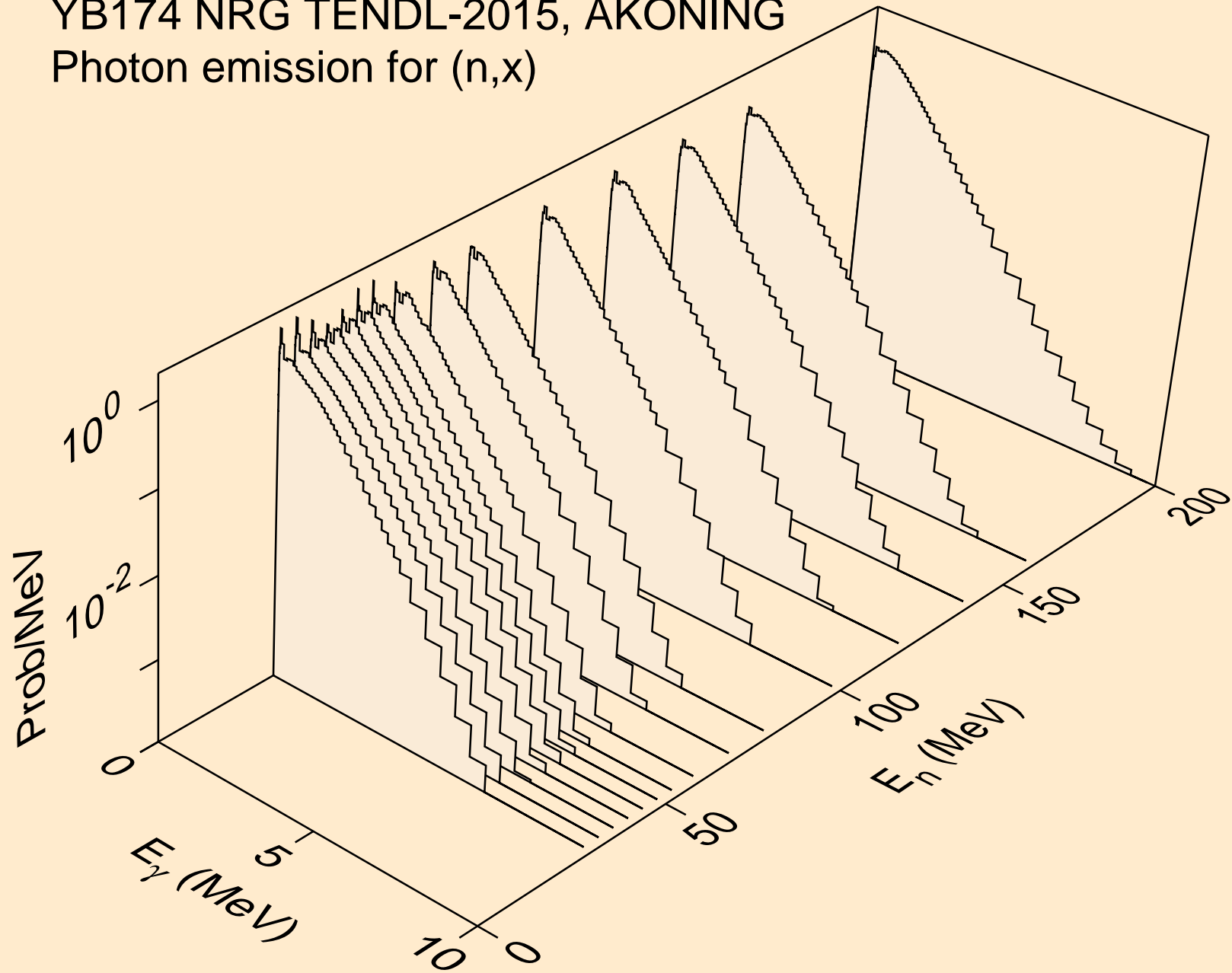
YB174 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



YB174 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)

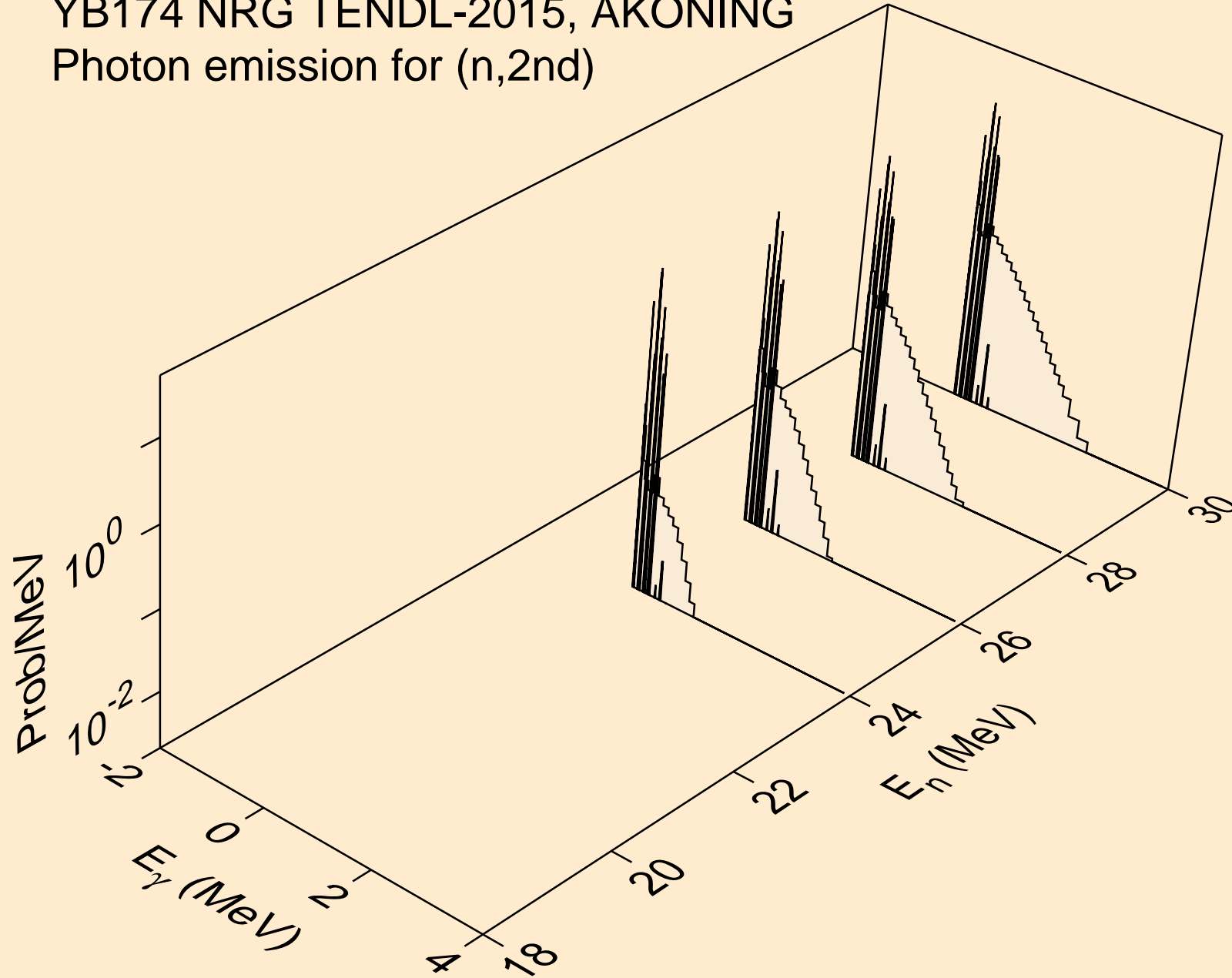


YB174 NRG TENDL-2015, AKONING  
Photon emission for (n,x)

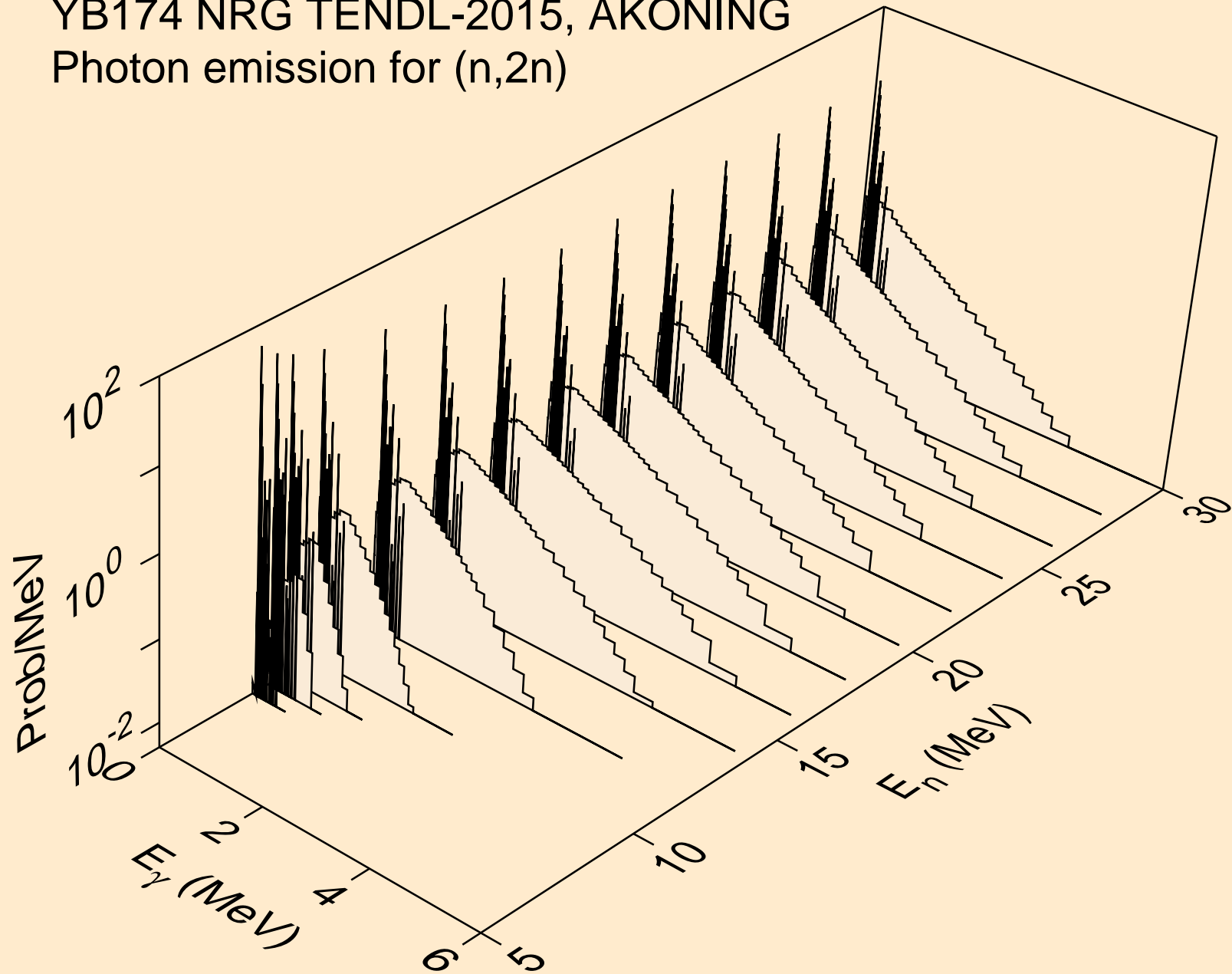




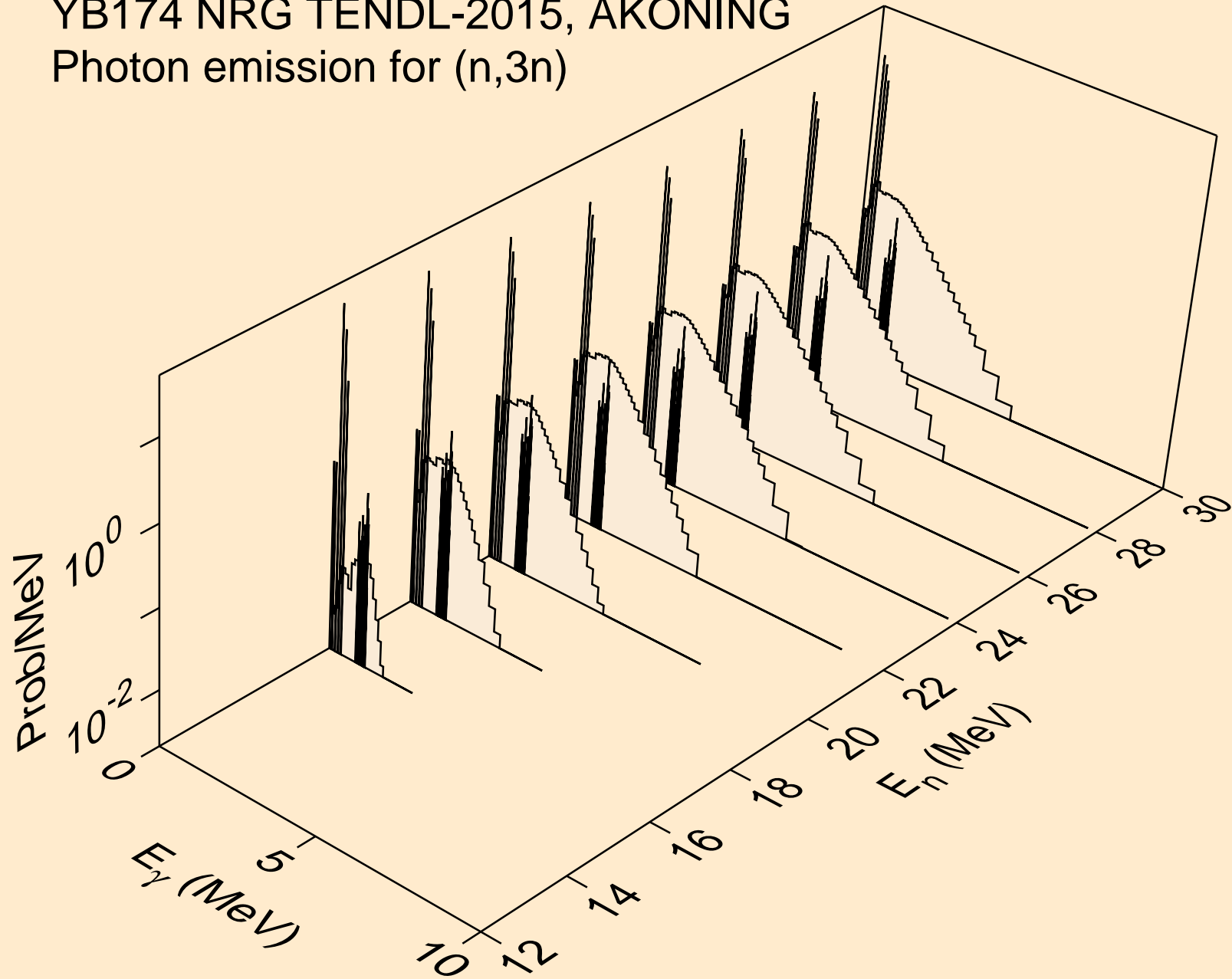
YB174 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



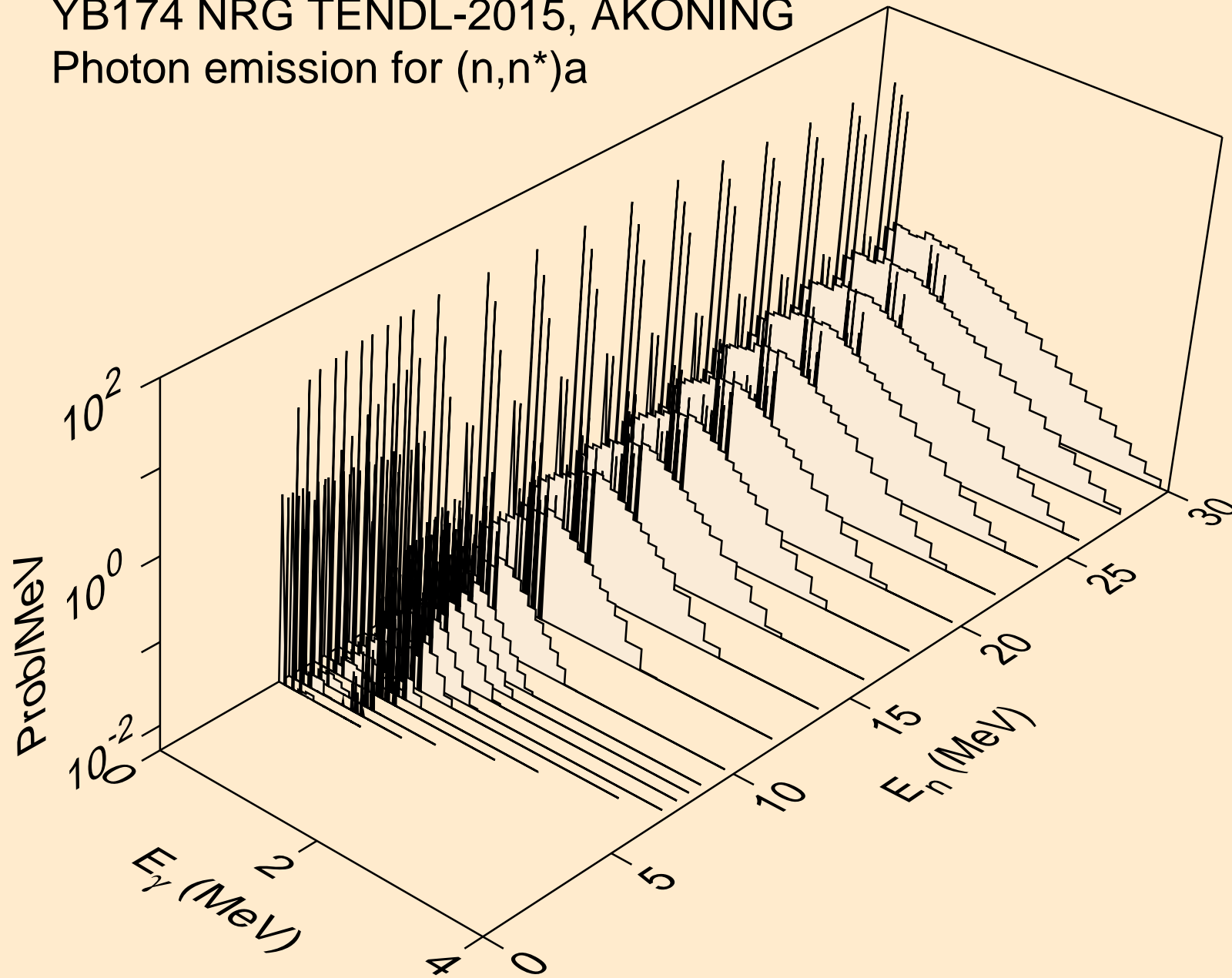
YB174 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



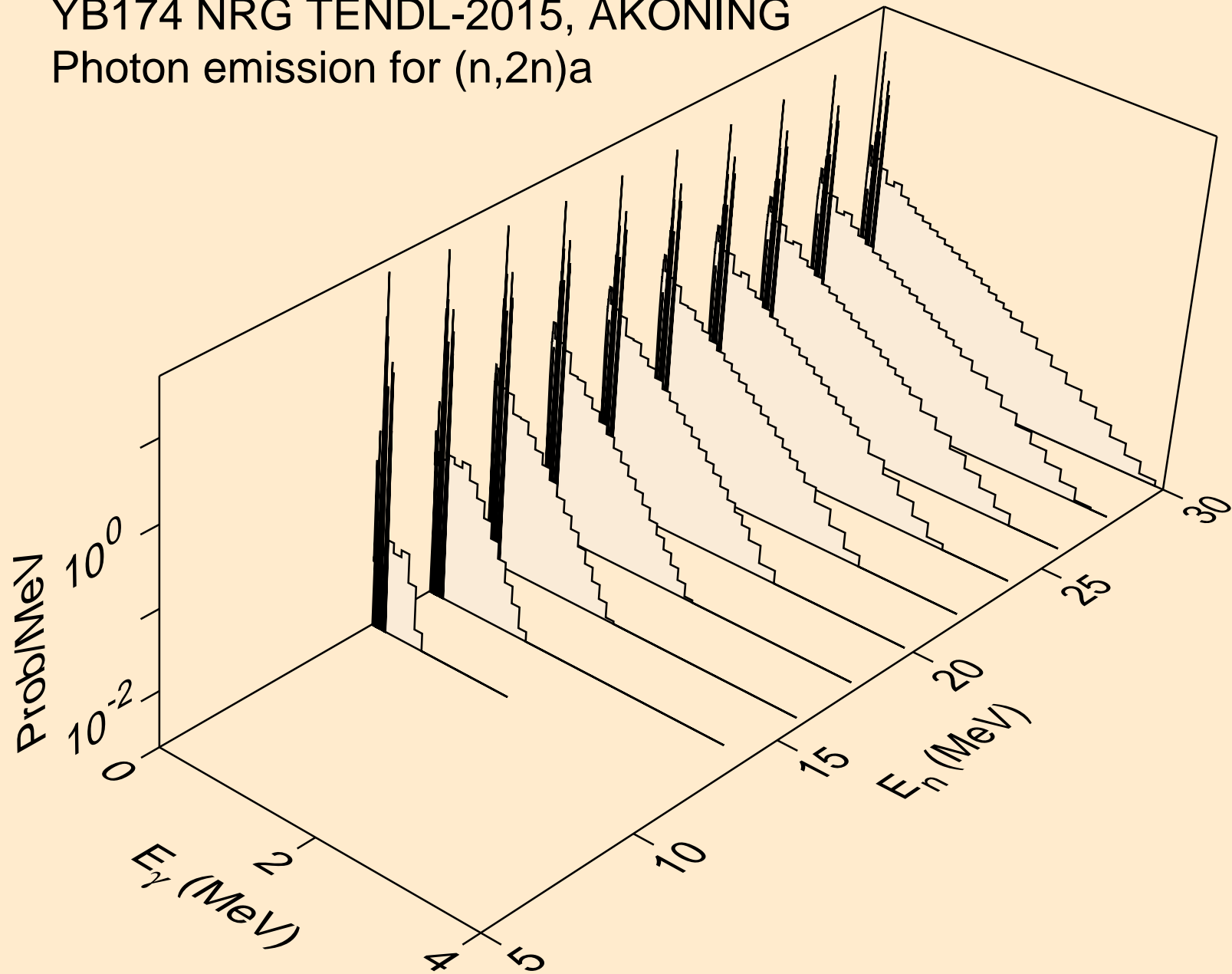
YB174 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



YB174 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

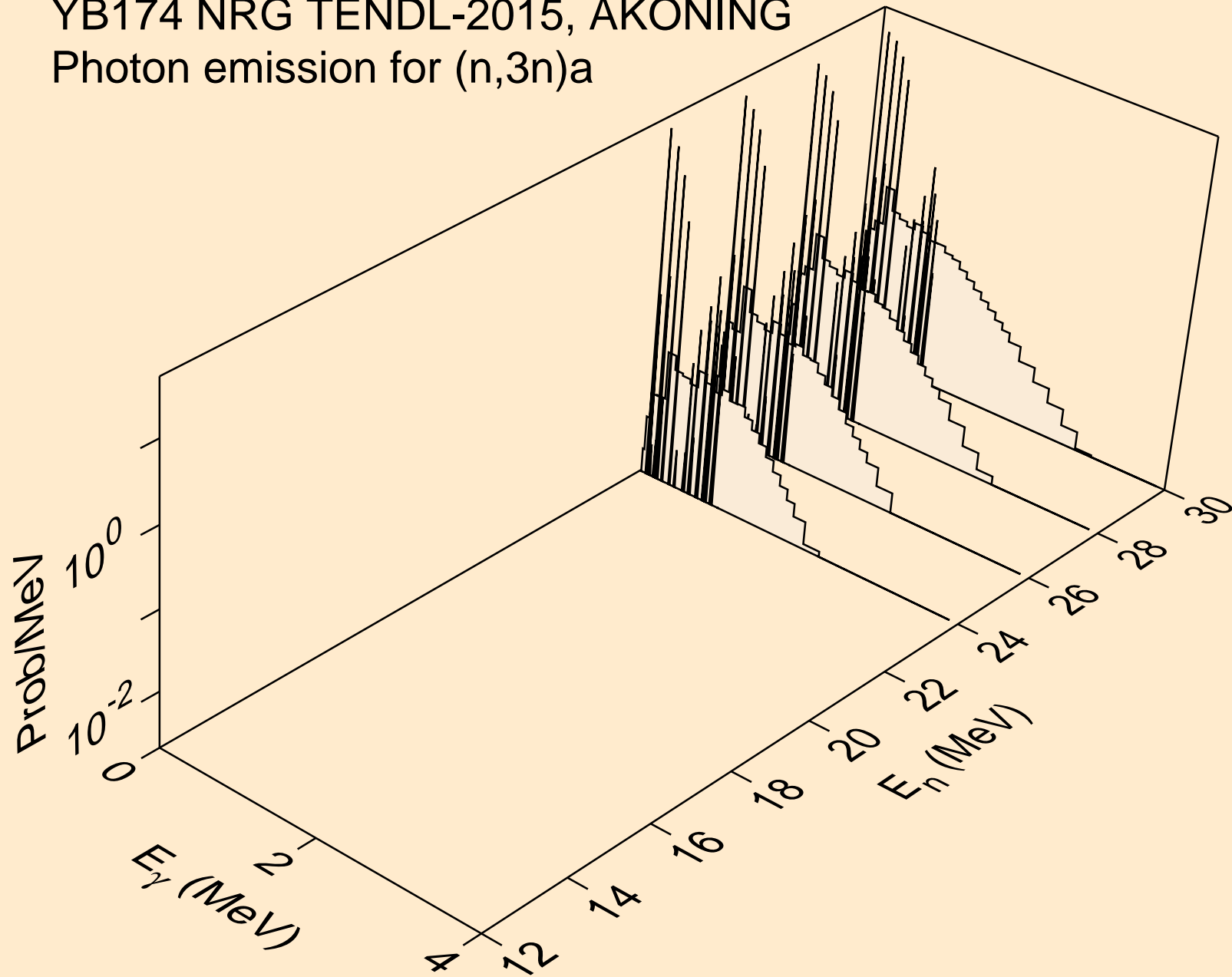


YB174 NRG TENDL-2015, AKONING  
Photon emission for (n,2n) $\alpha$

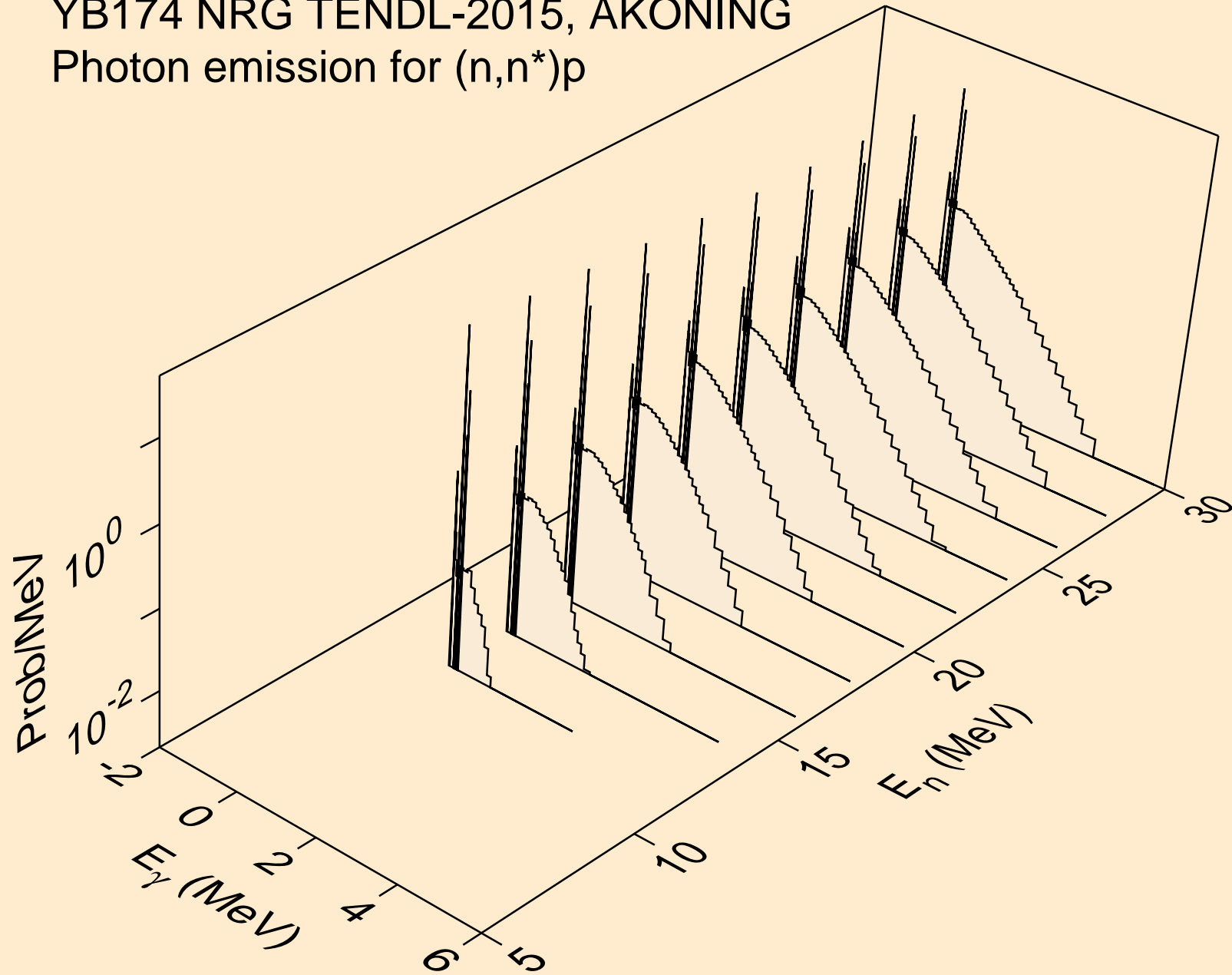


YB174 NRG TENDL-2015, AKONING

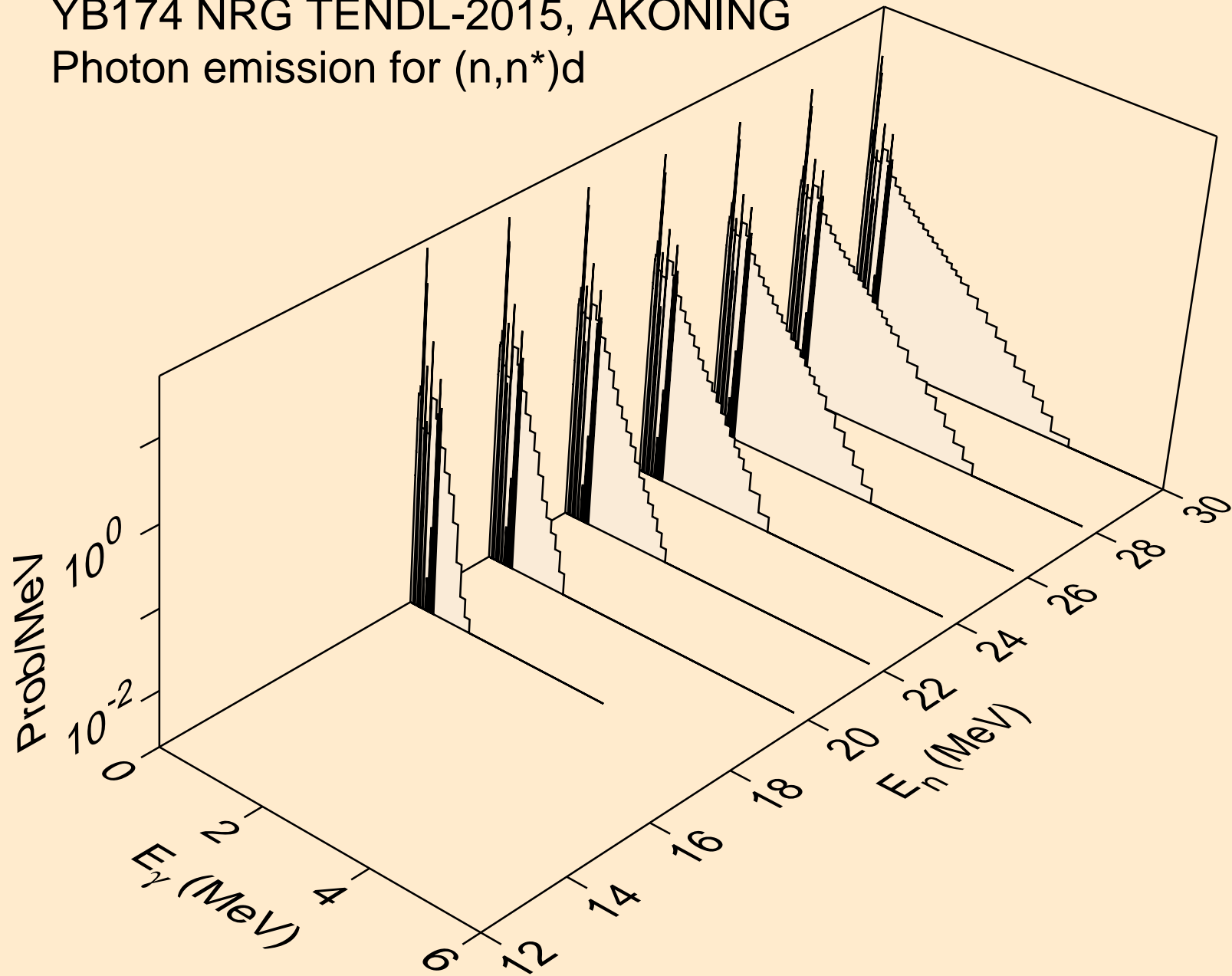
Photon emission for (n,3n)a



YB174 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p

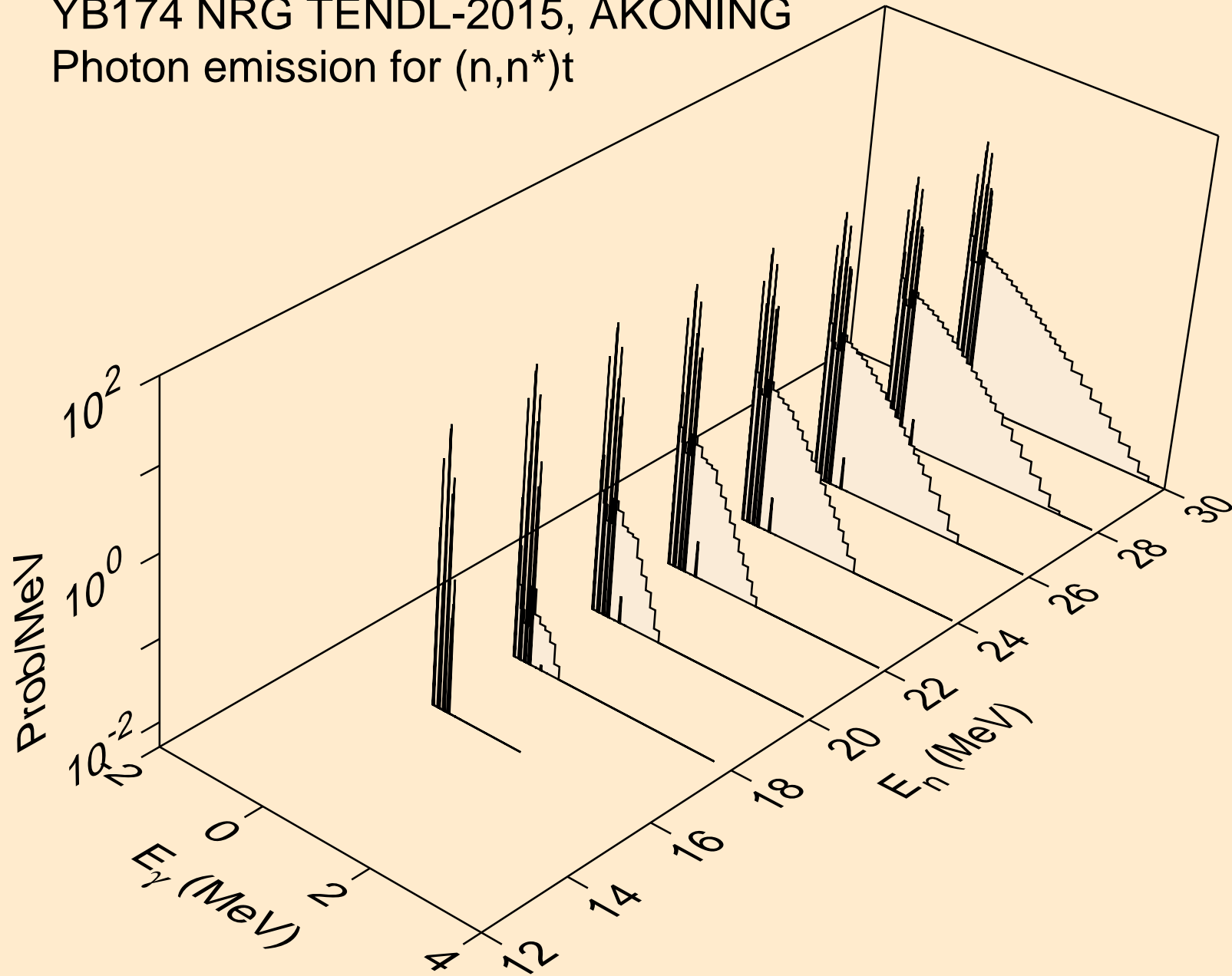


YB174 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d

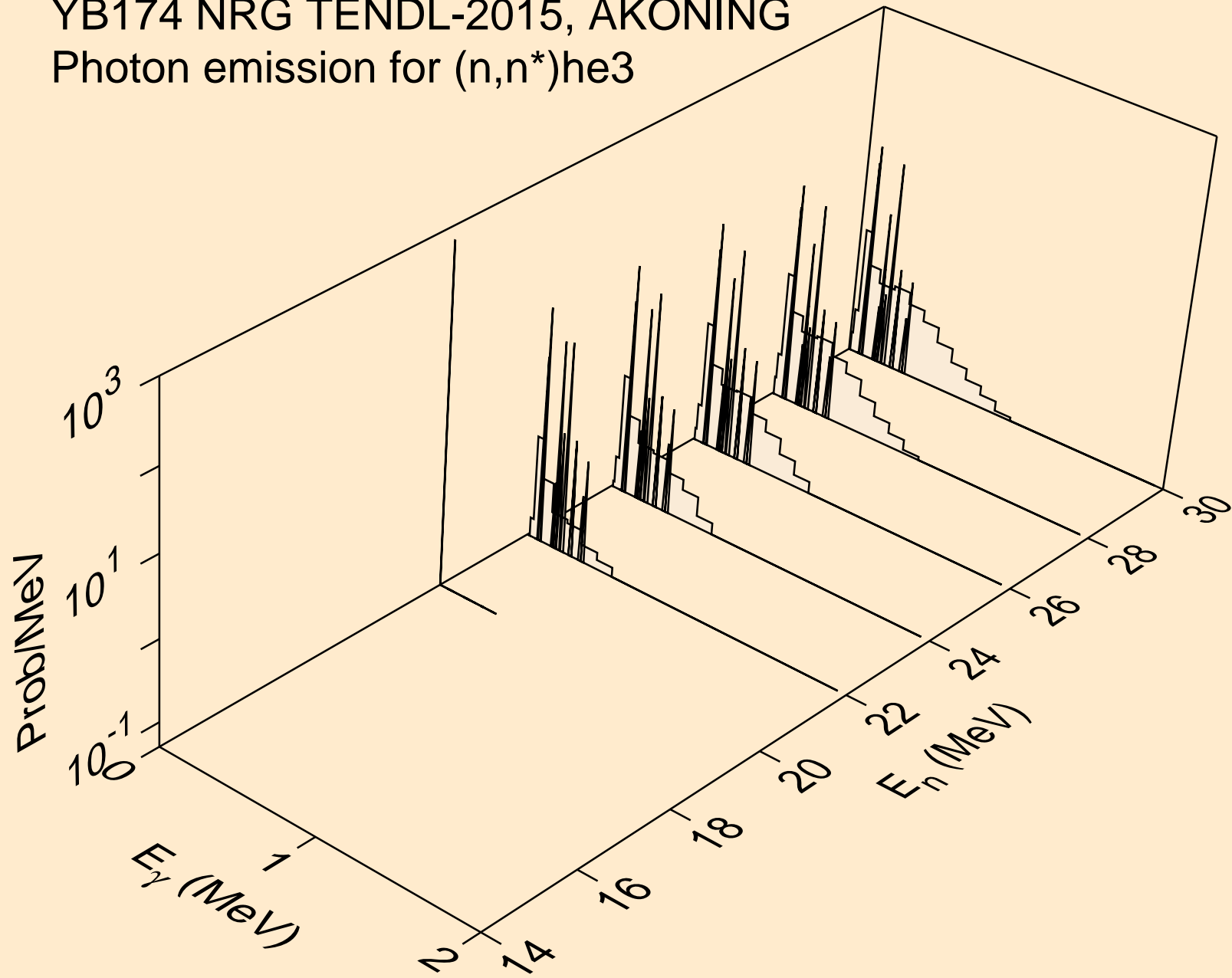




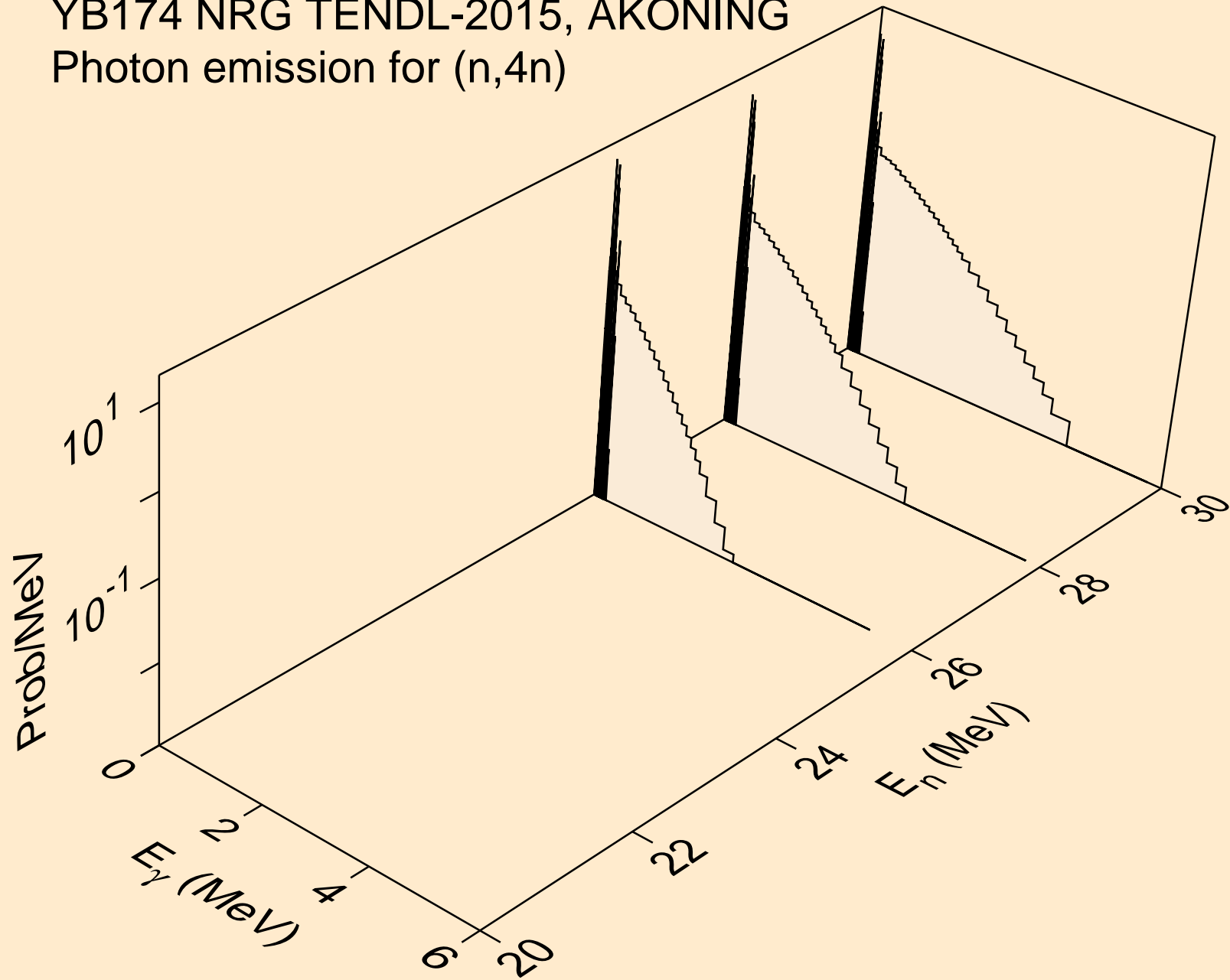
YB174 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



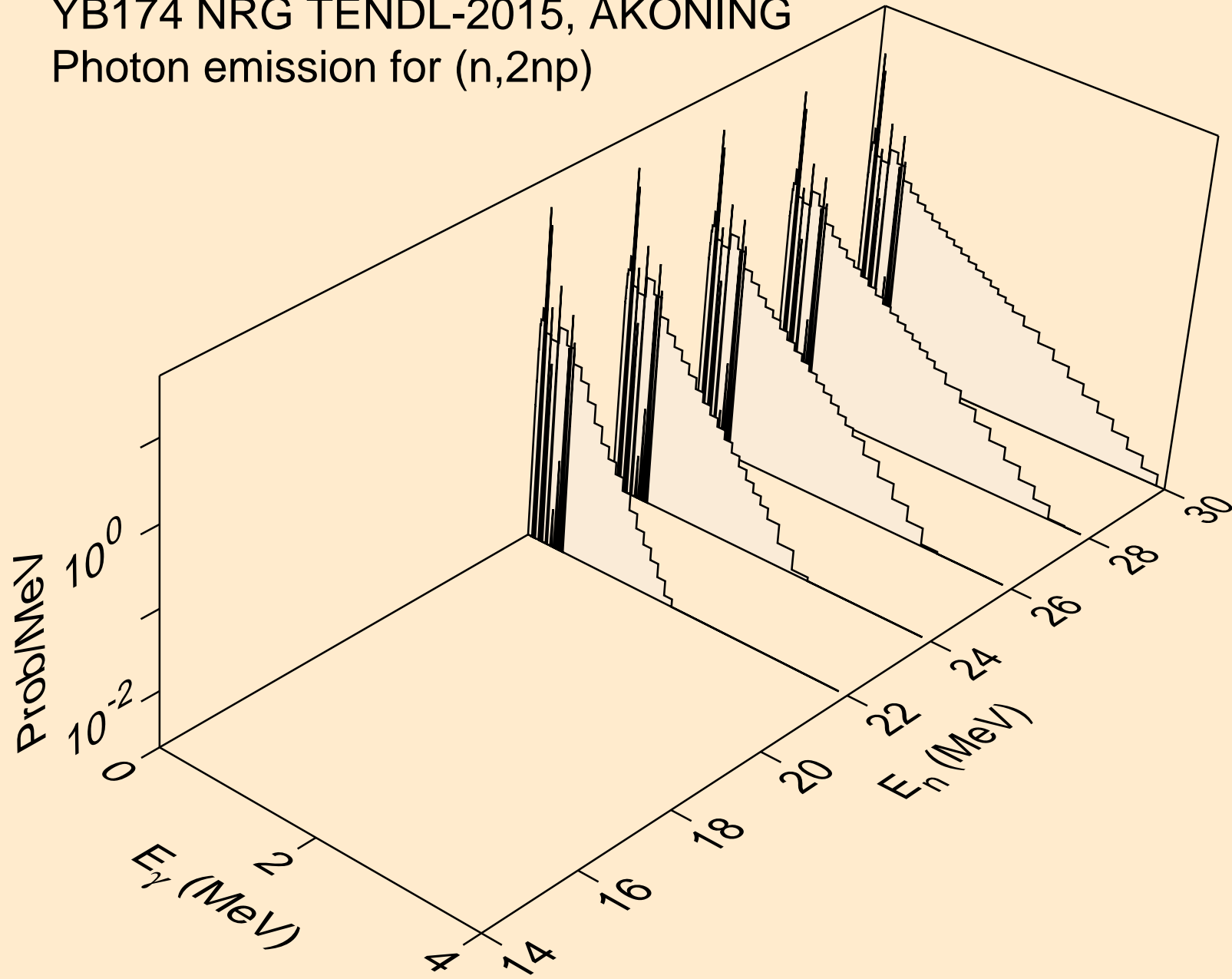
YB174 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



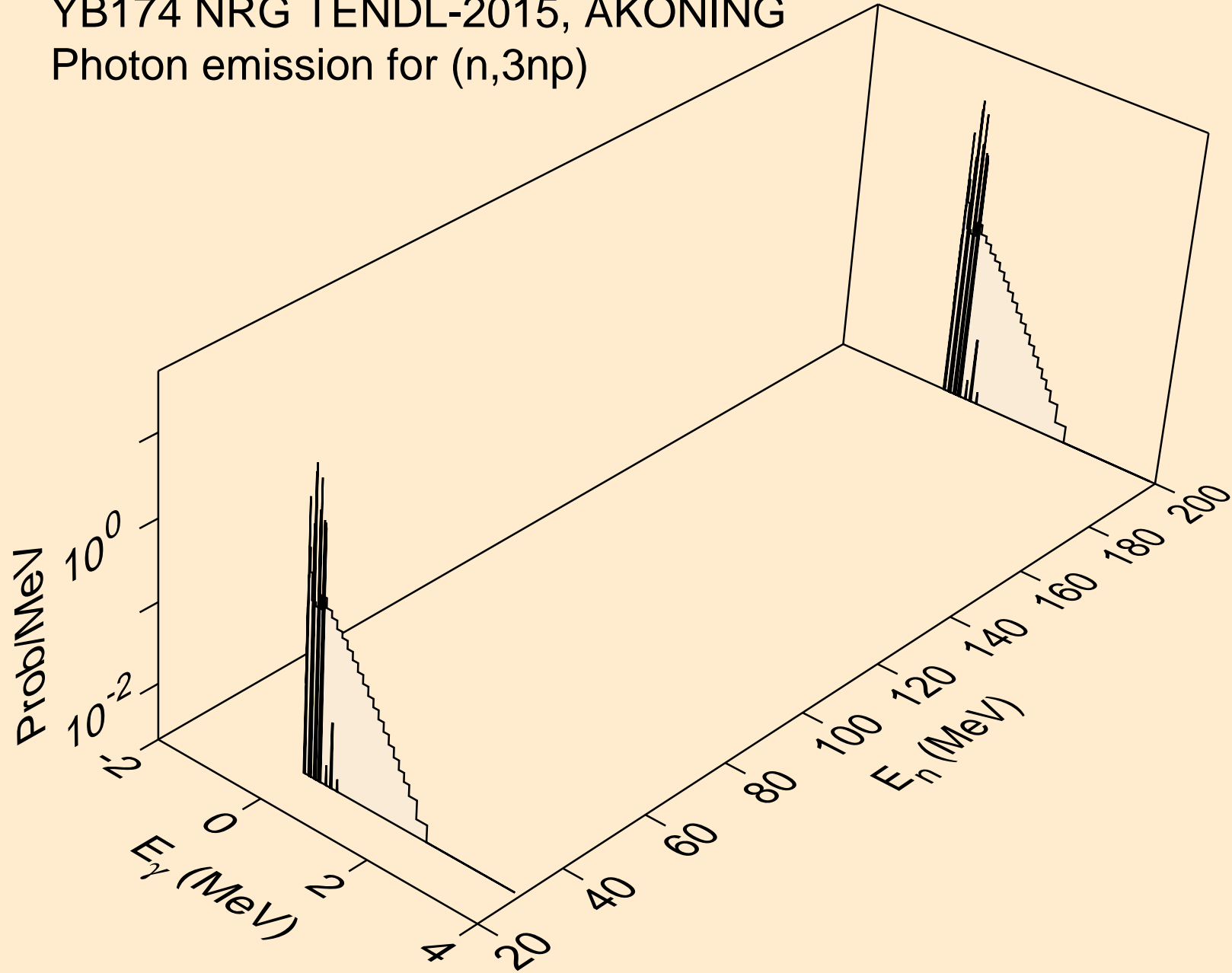
YB174 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



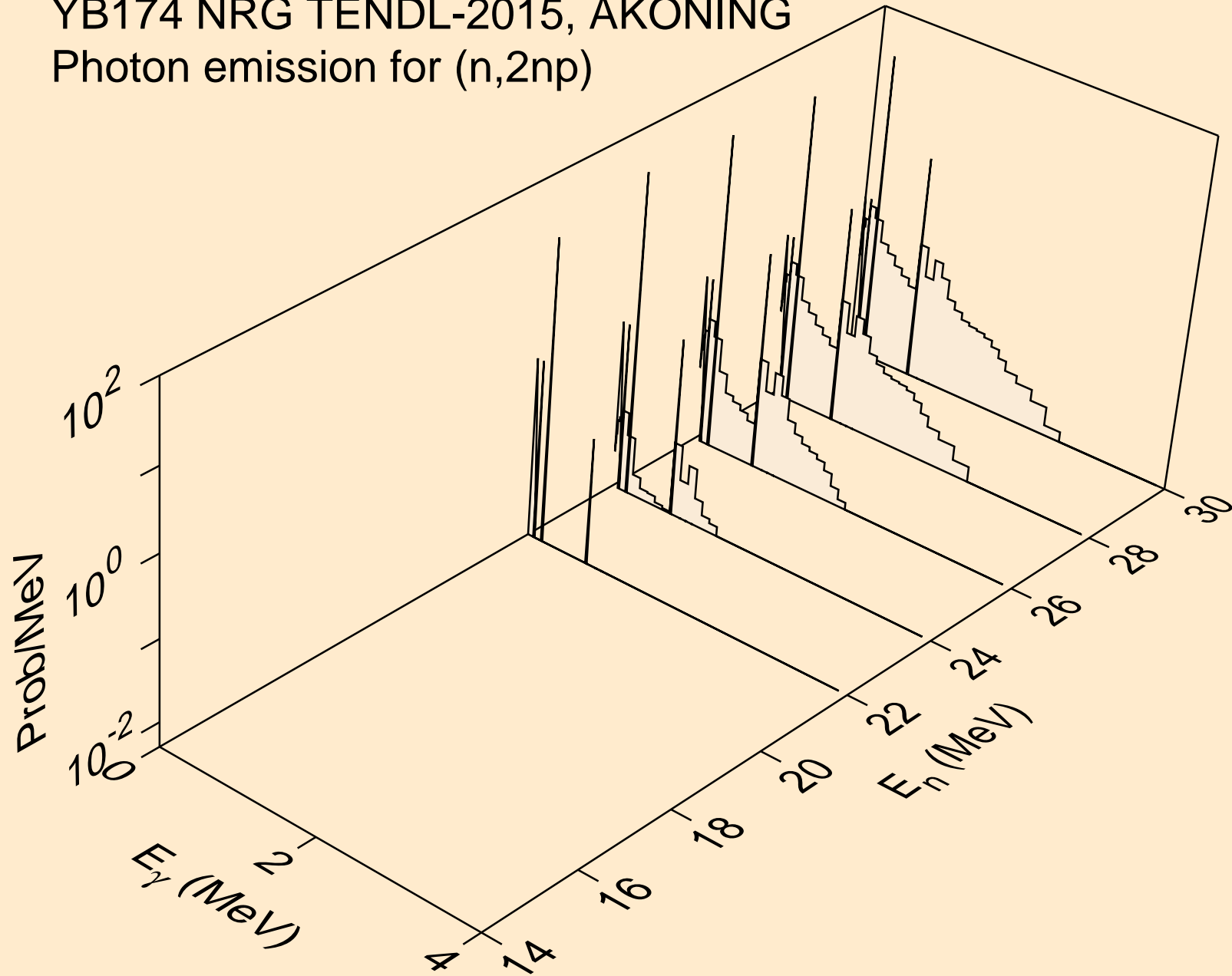
YB174 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



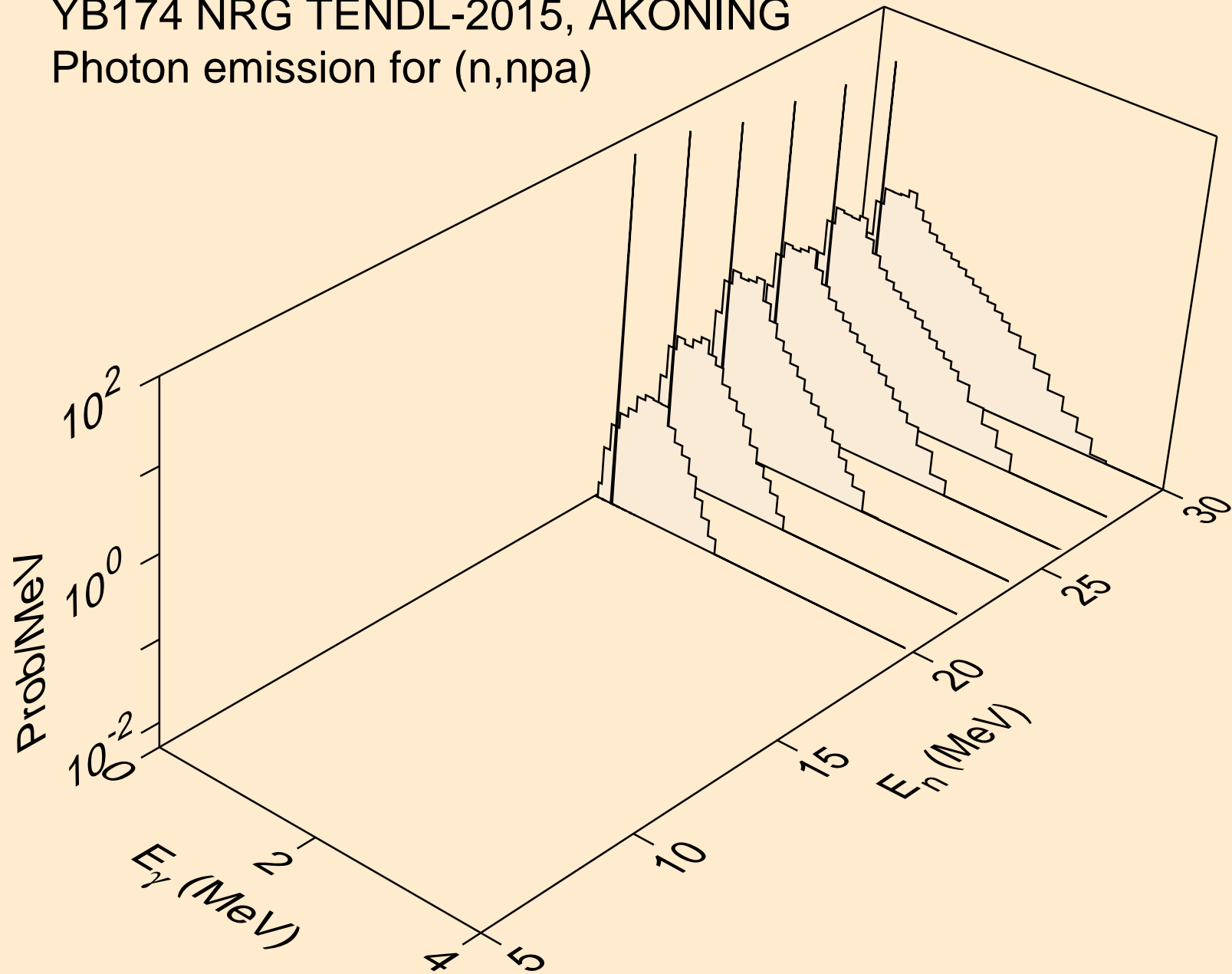
YB174 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



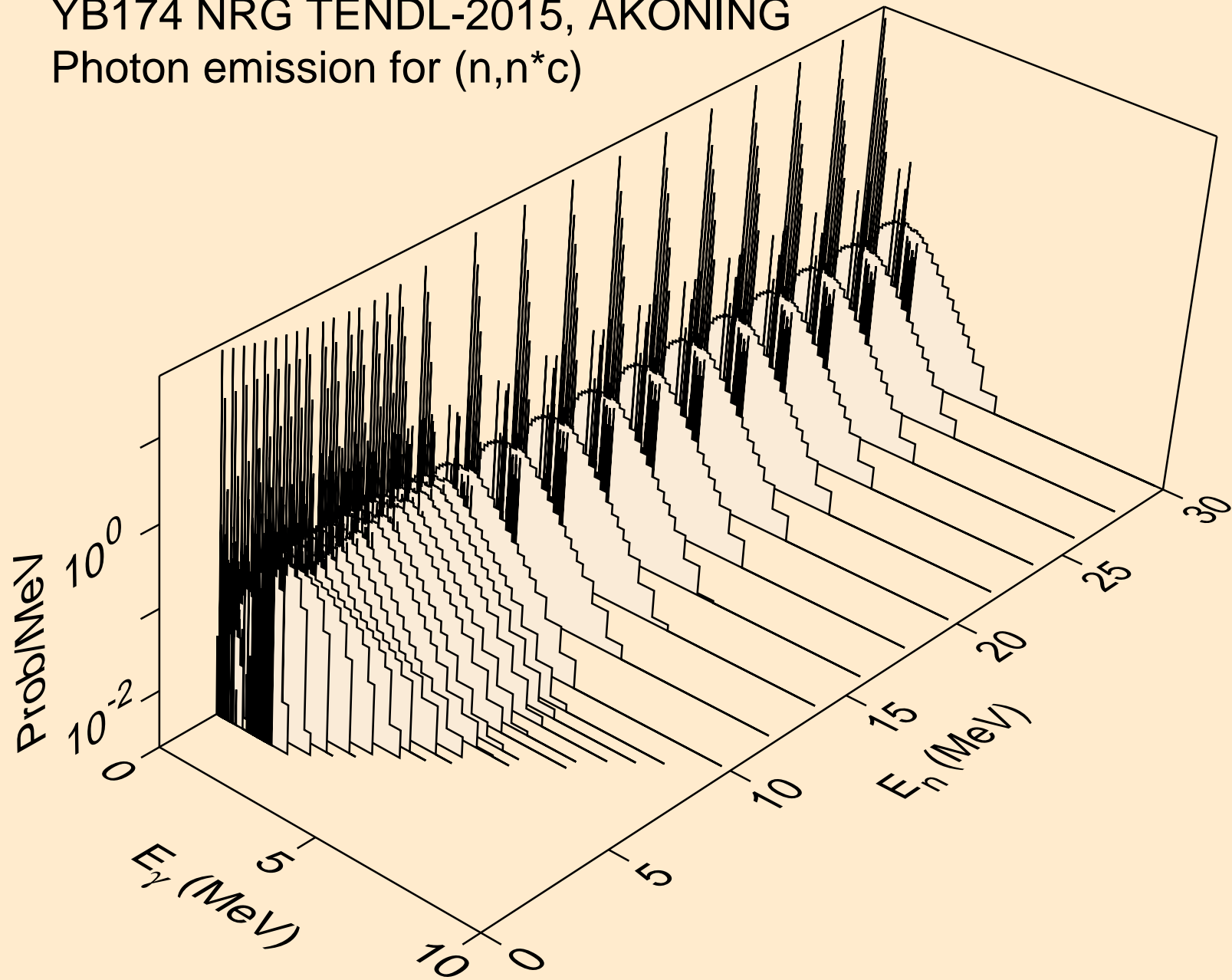
YB174 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



YB174 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)

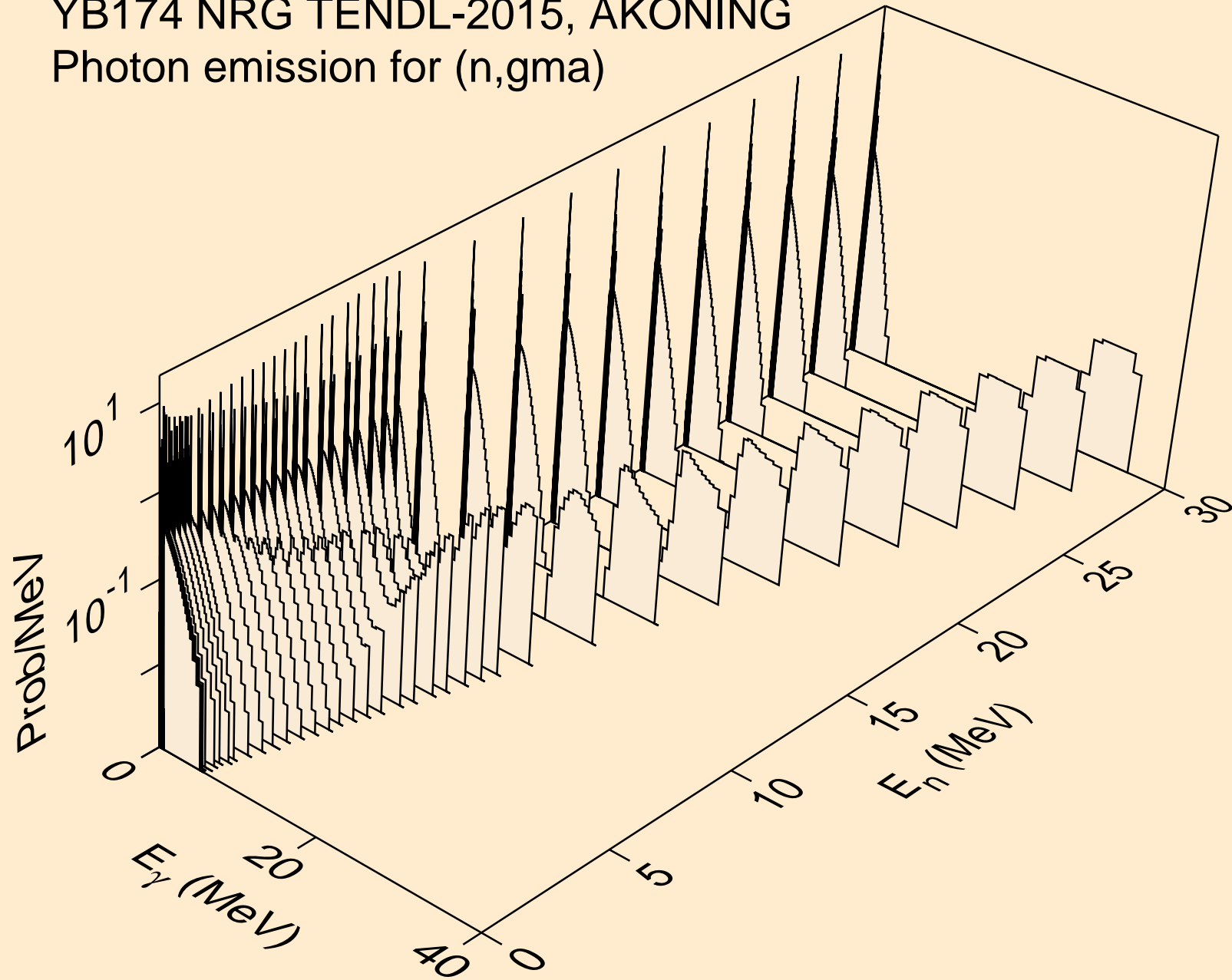


YB174 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)

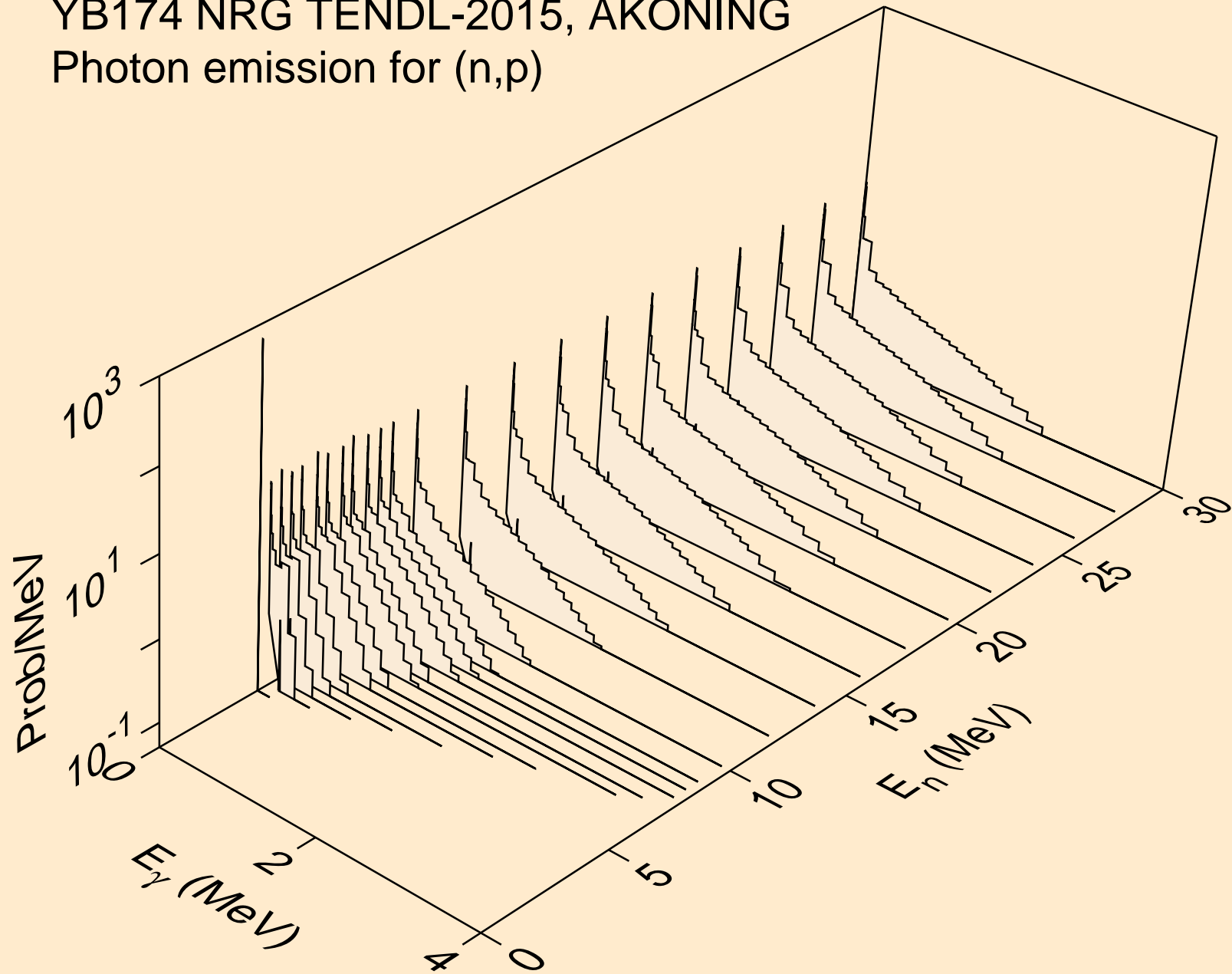




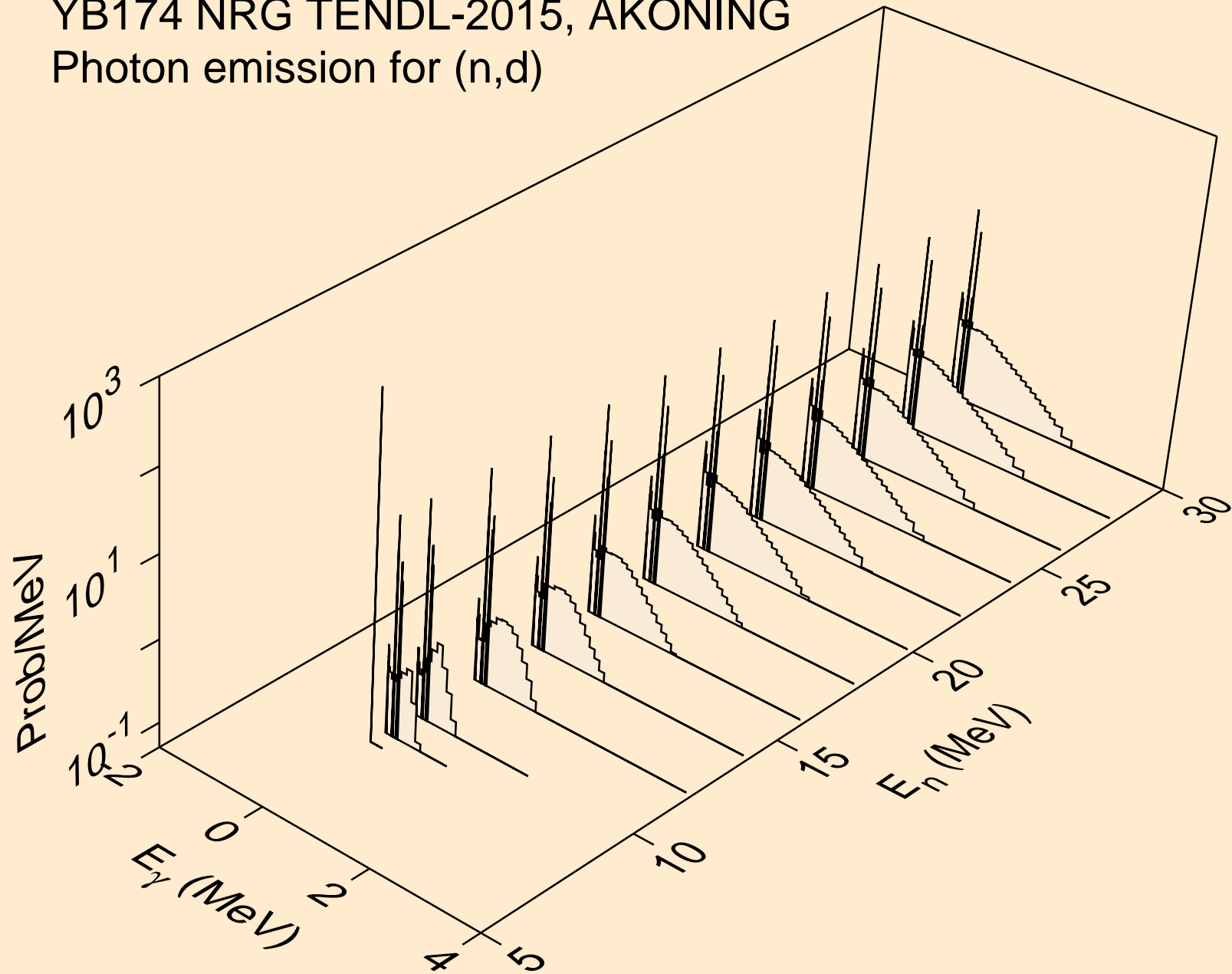
YB174 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



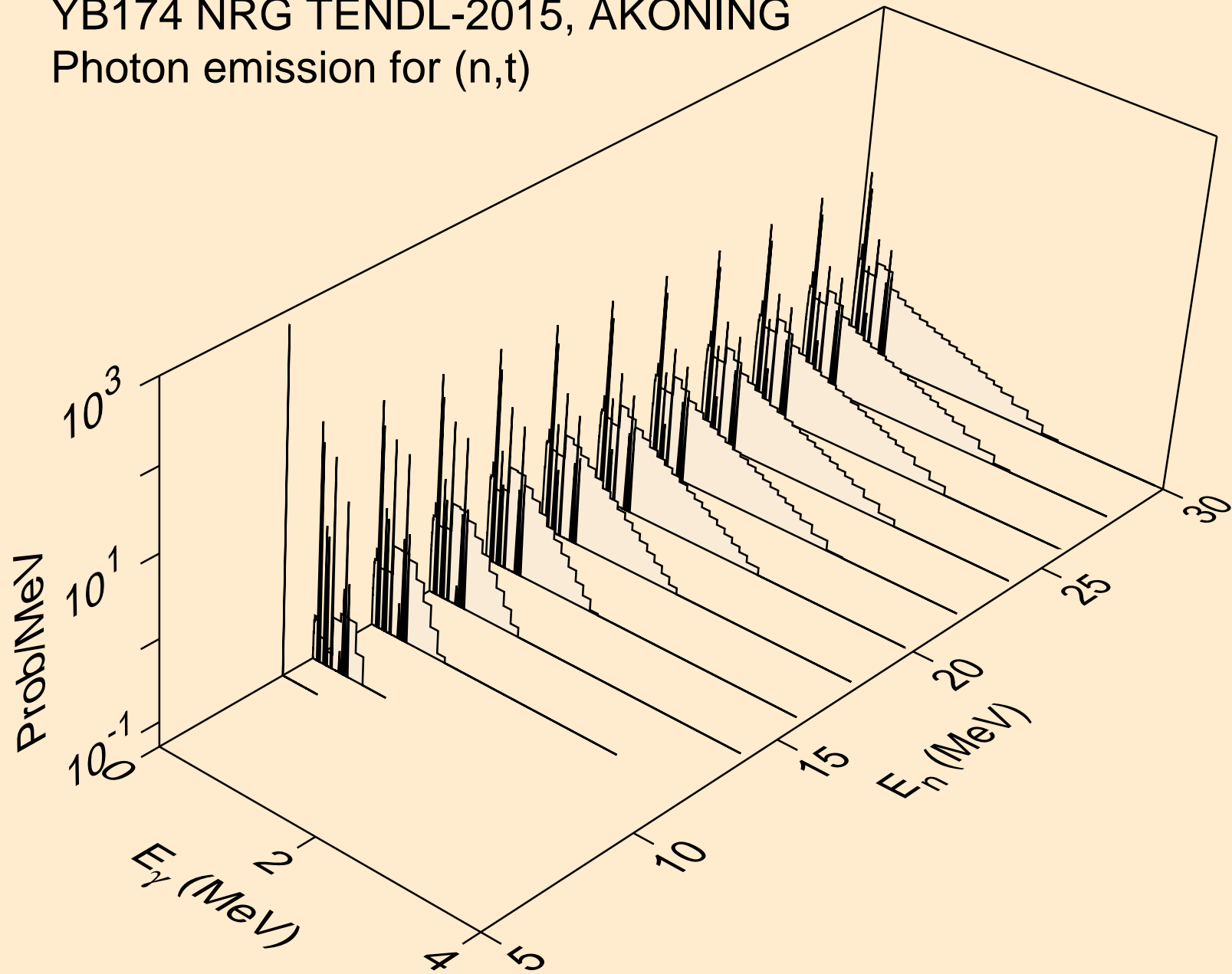
YB174 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



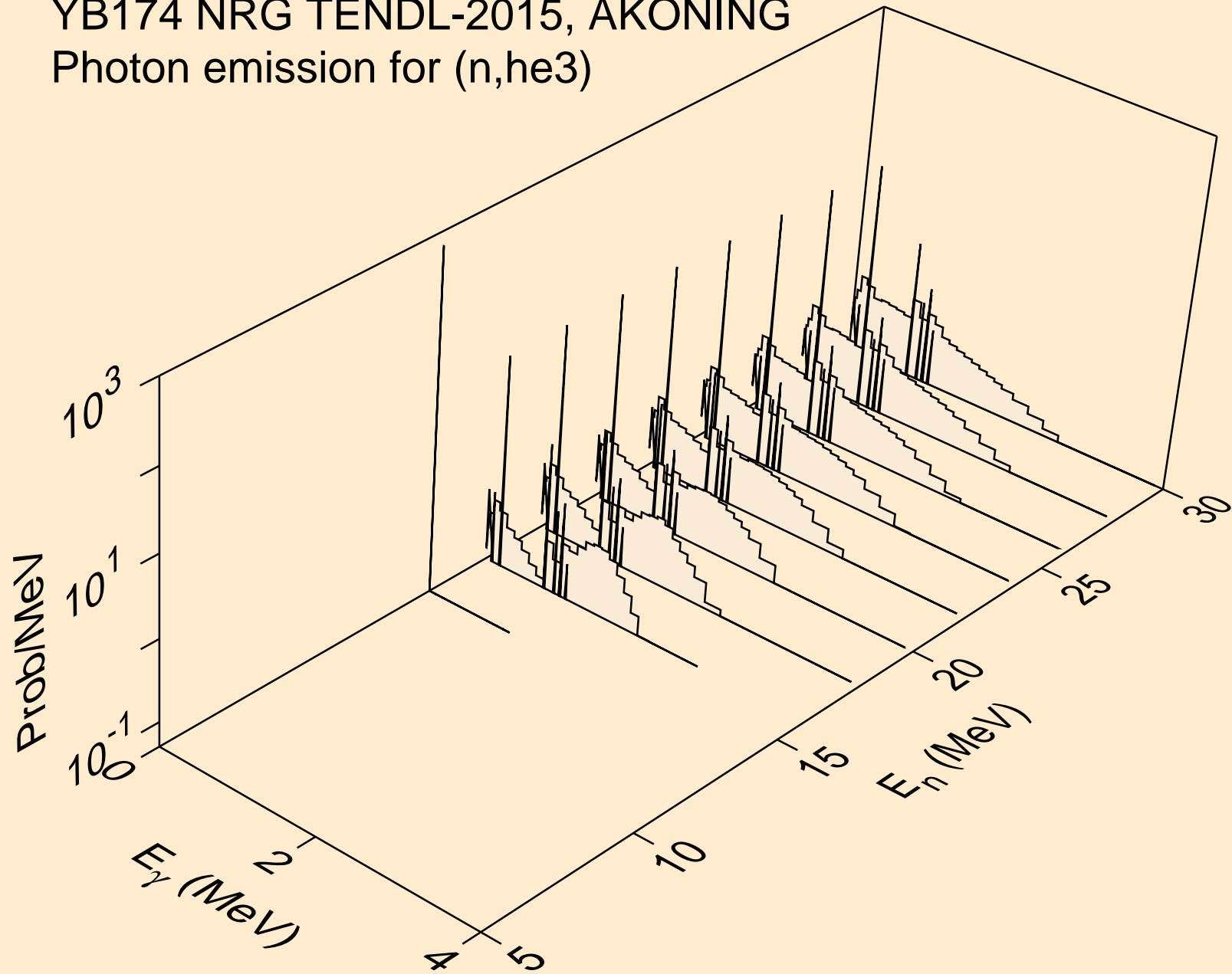
YB174 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



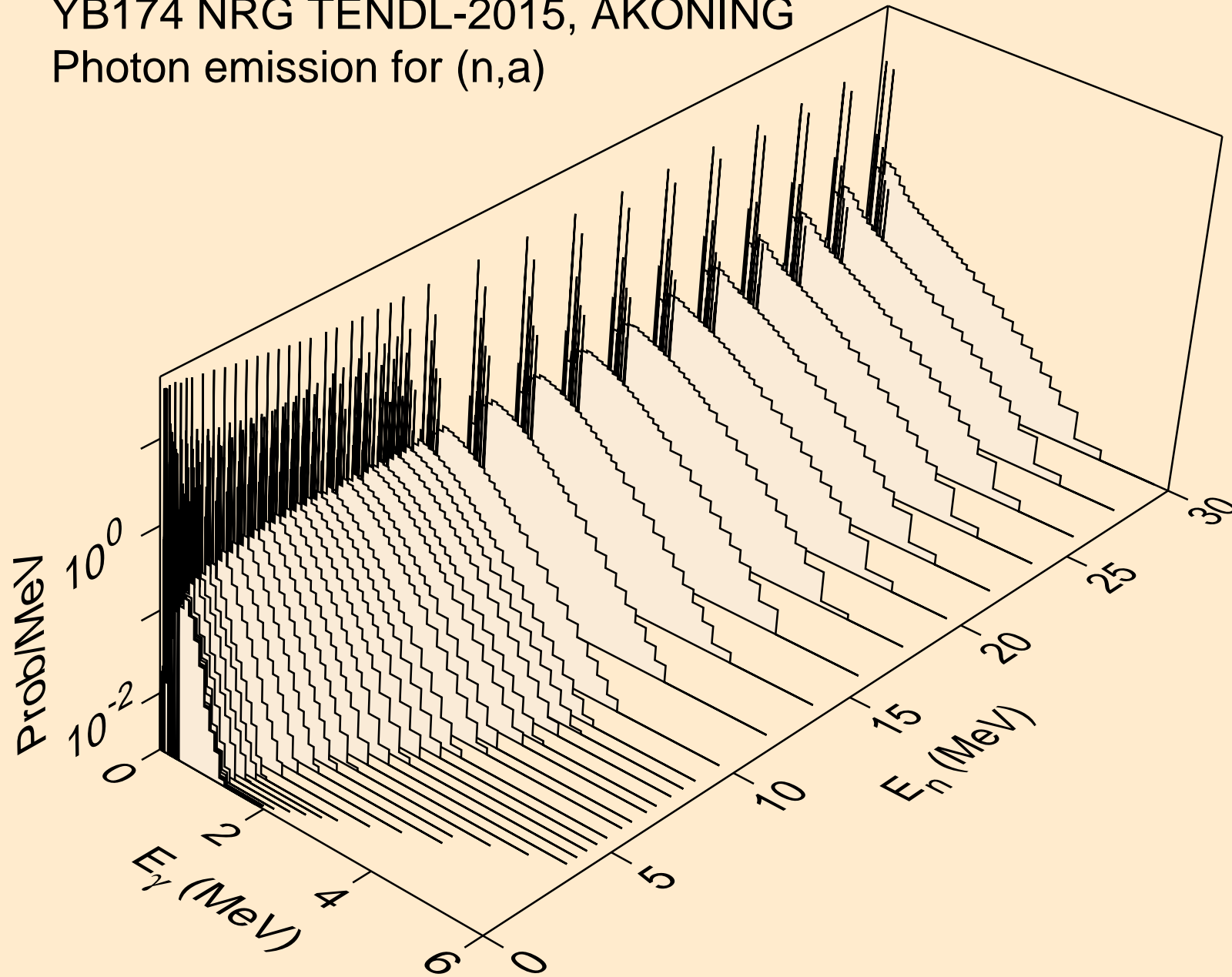
YB174 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



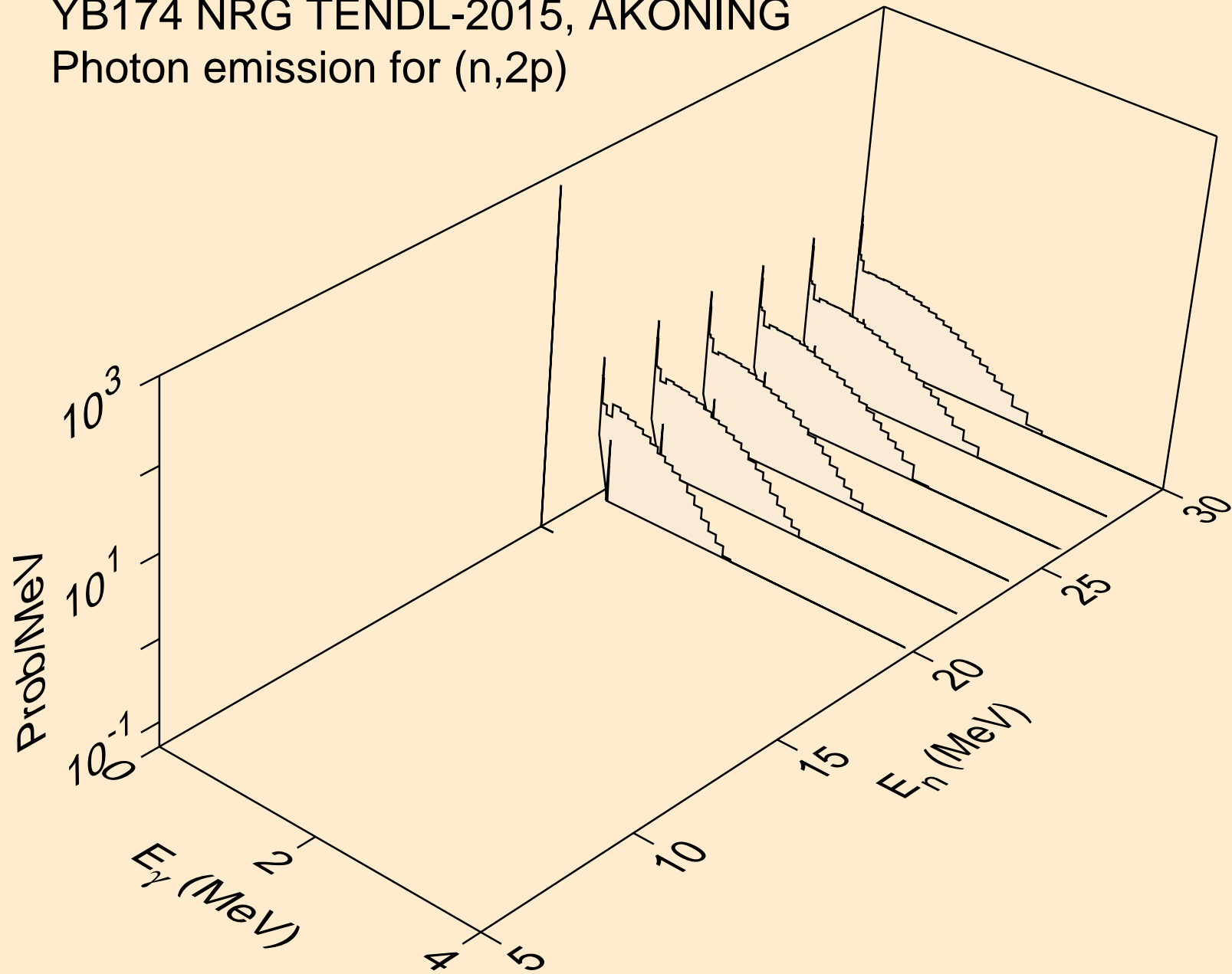
YB174 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



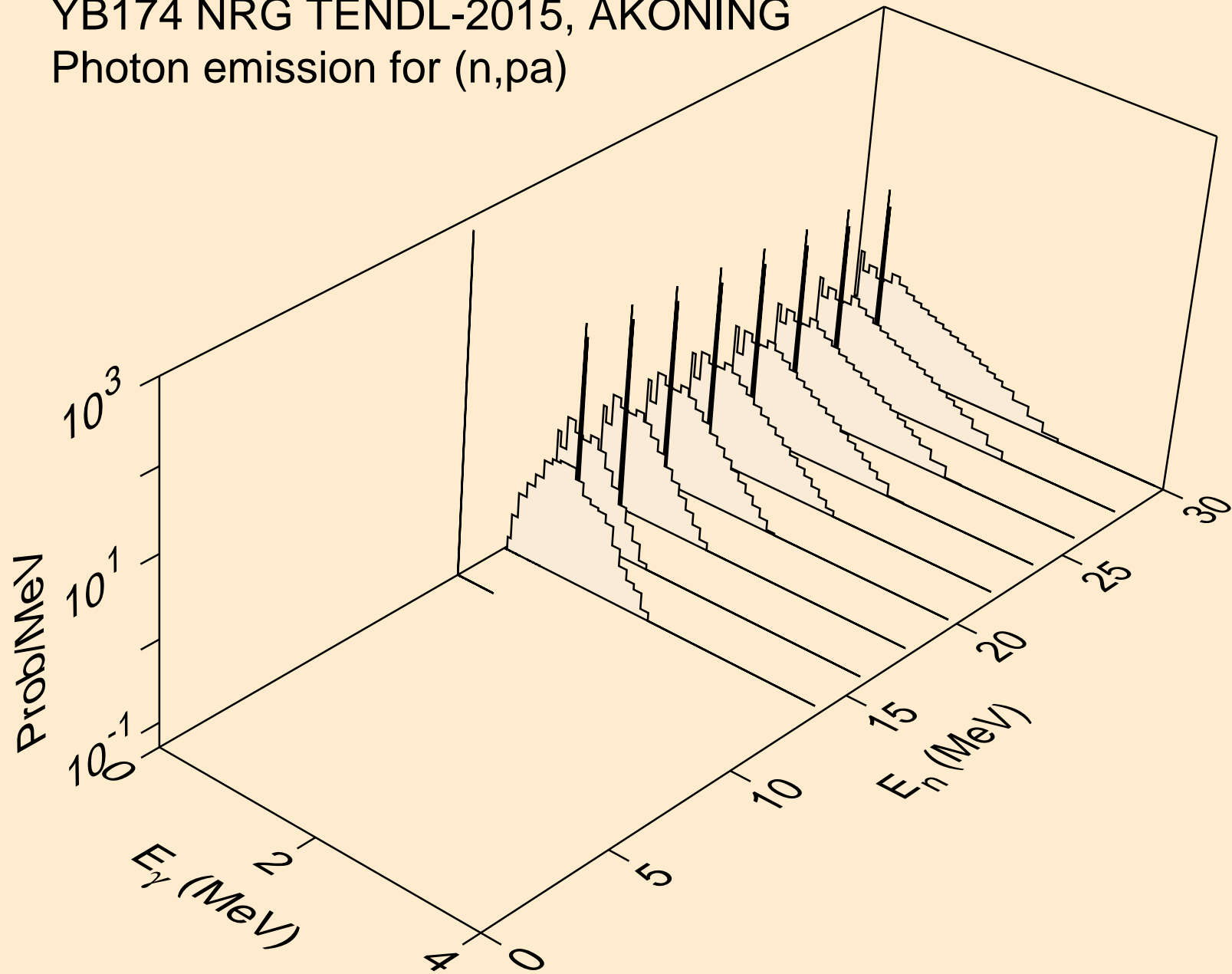
YB174 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



YB174 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)

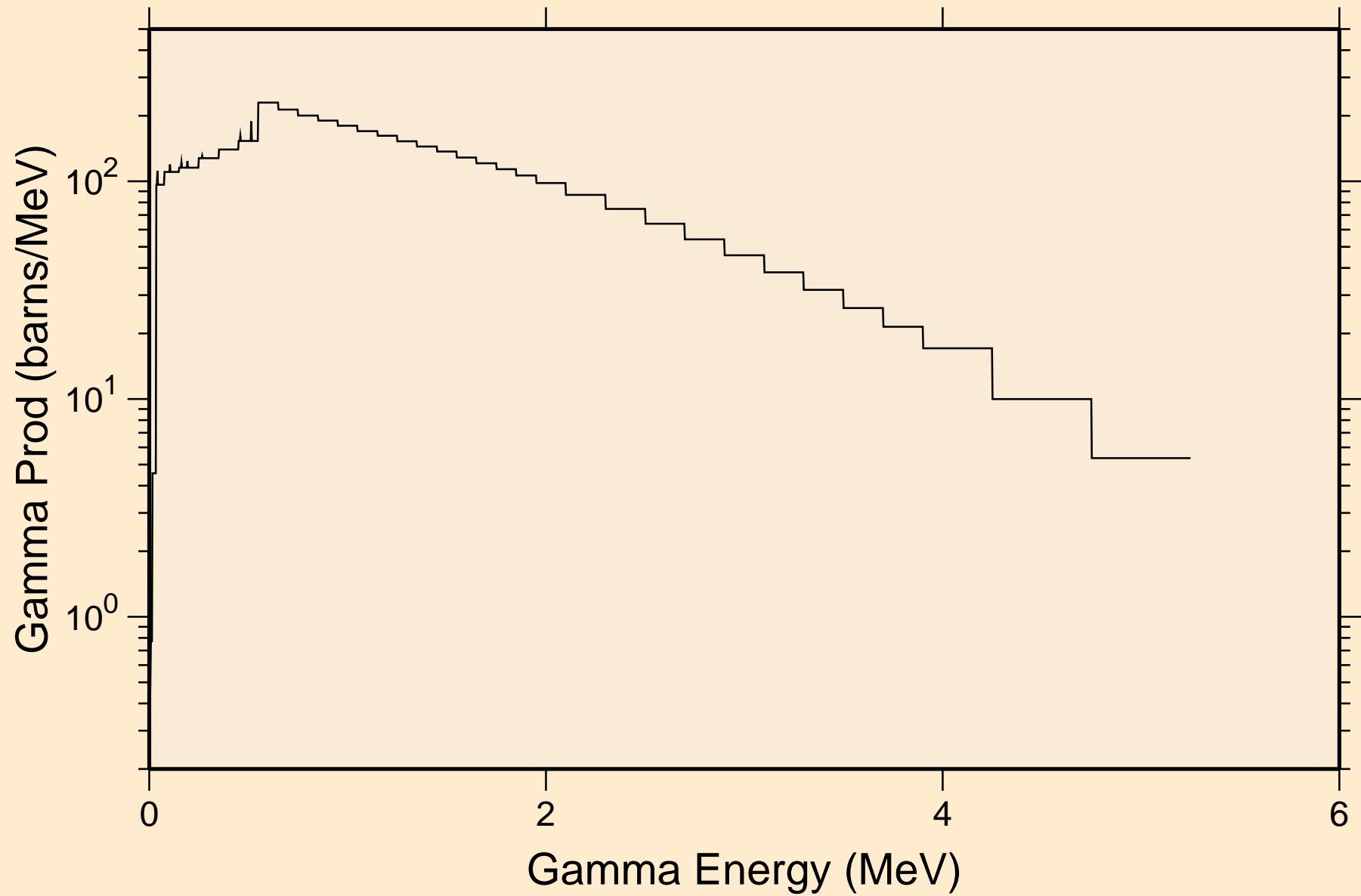


YB174 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )

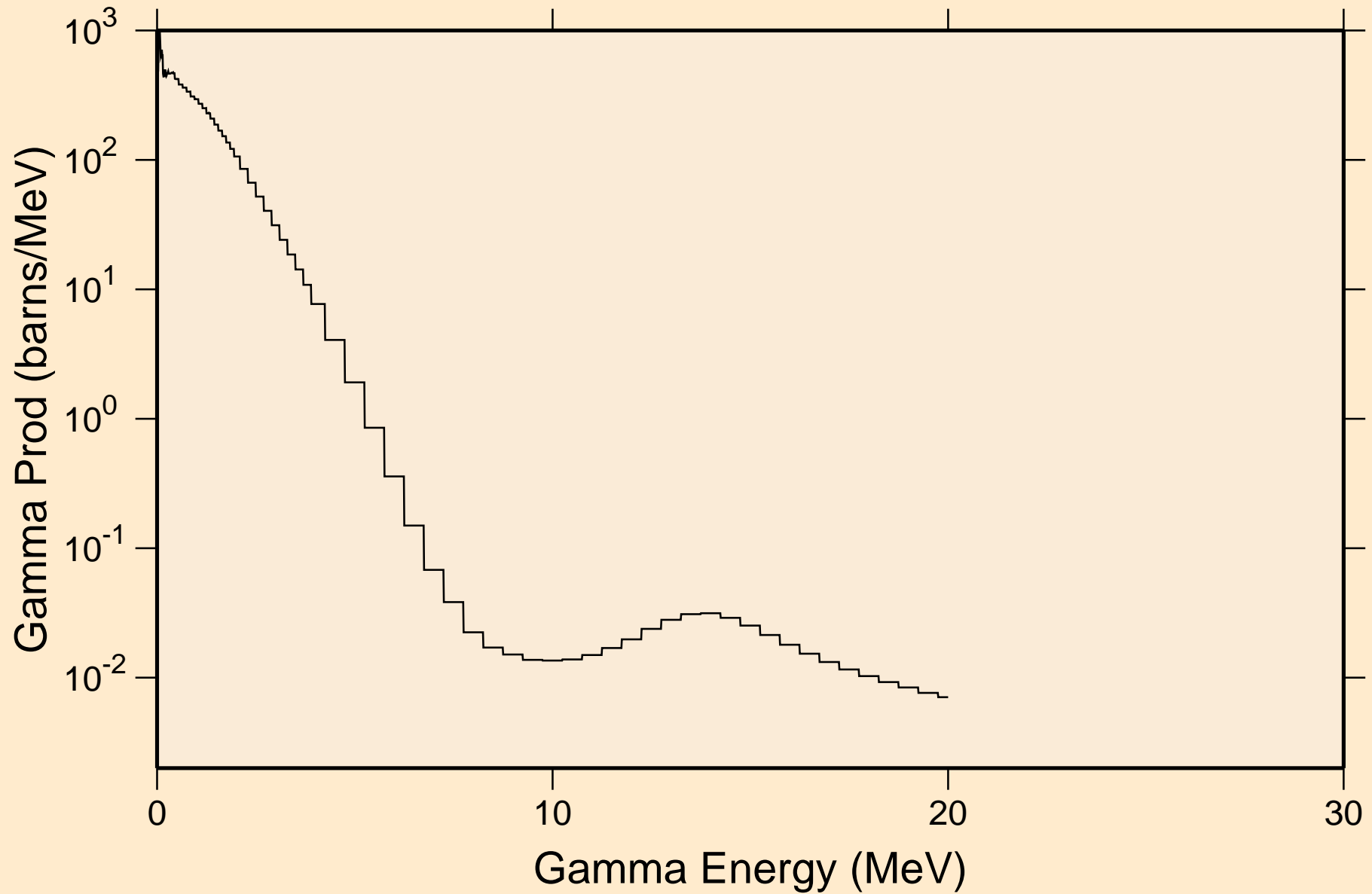




YB174 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

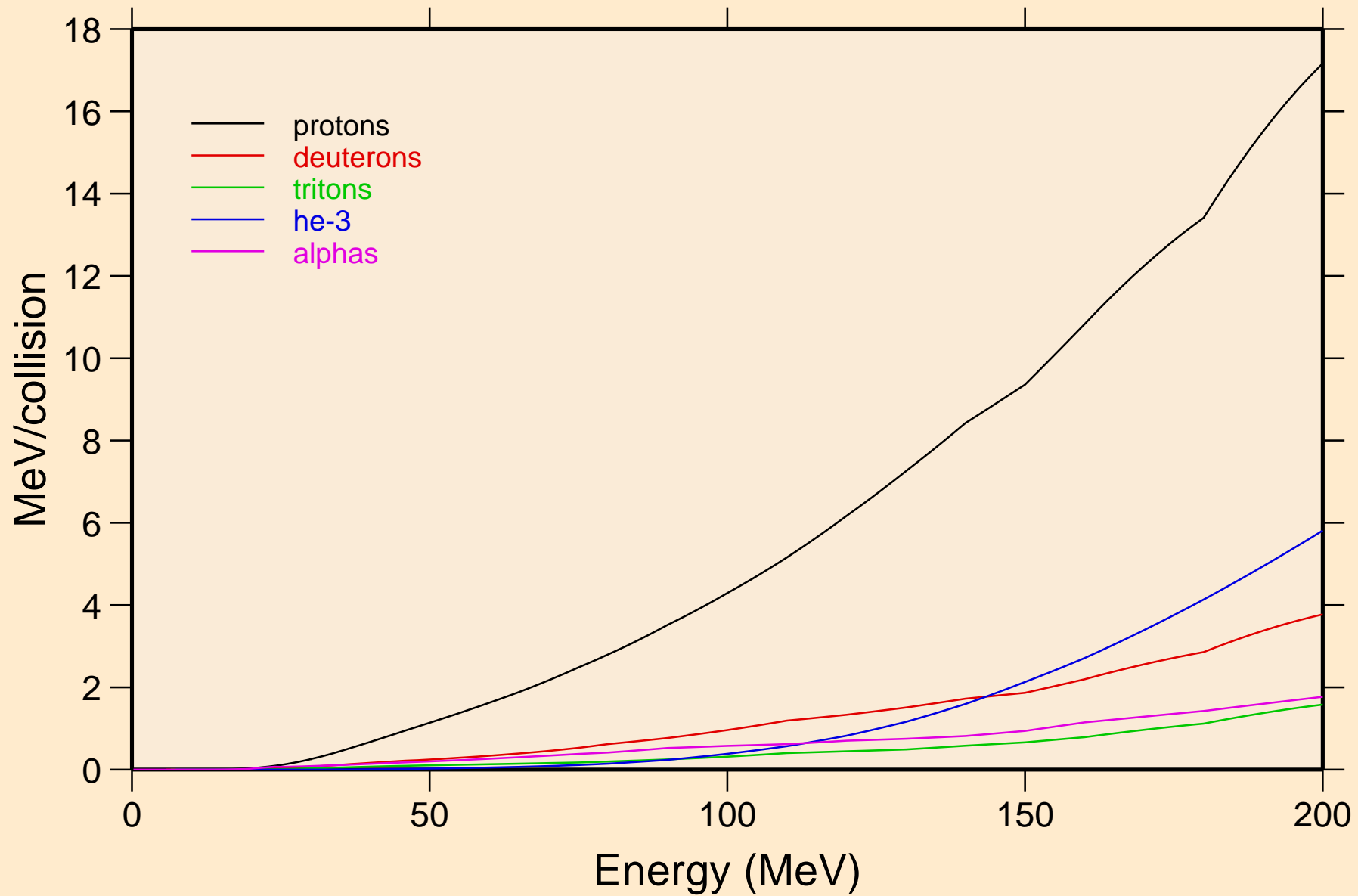


YB174 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



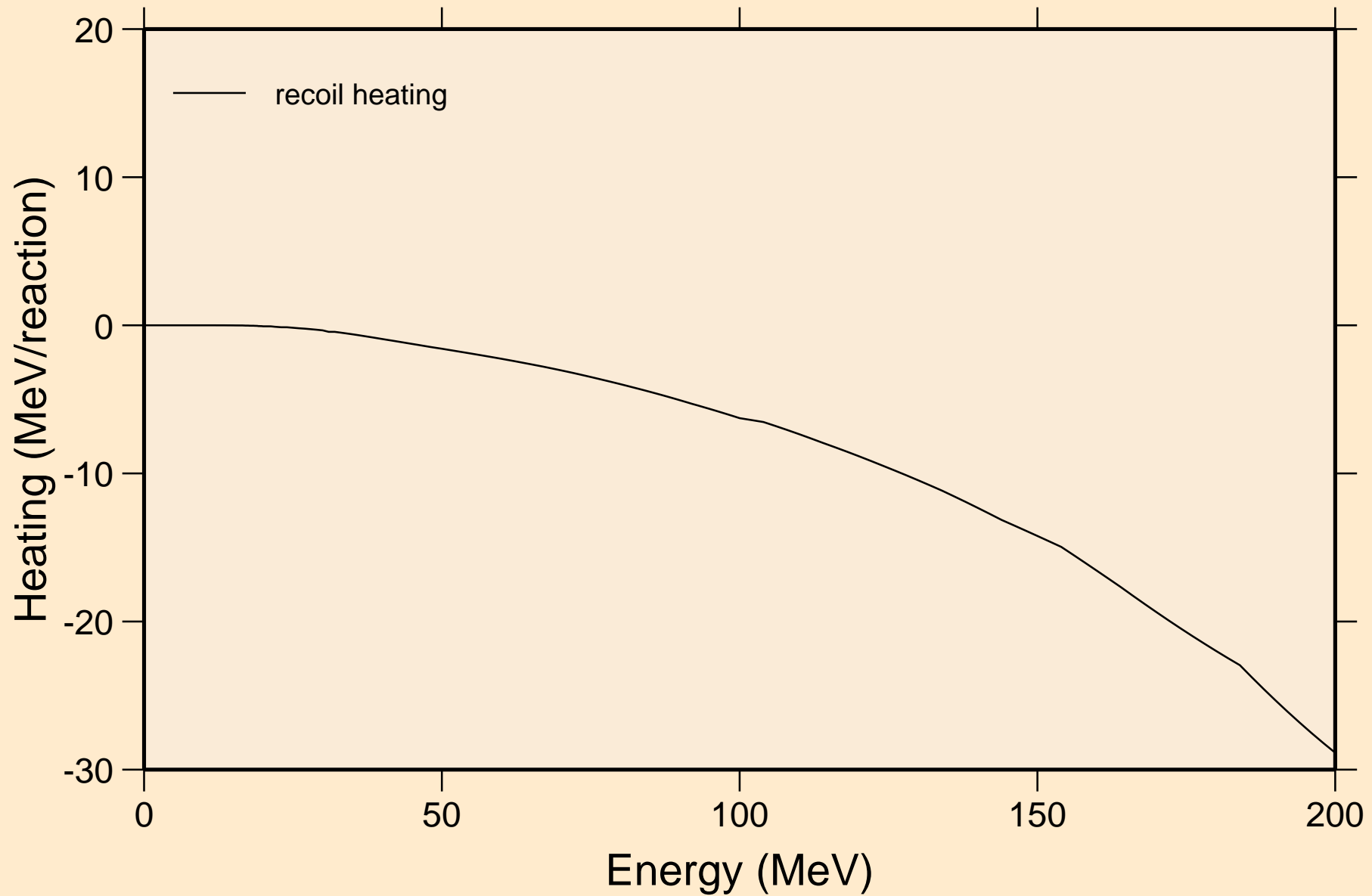
# YB174 NRG TENDL-2015, AKONING

## Particle heating contributions



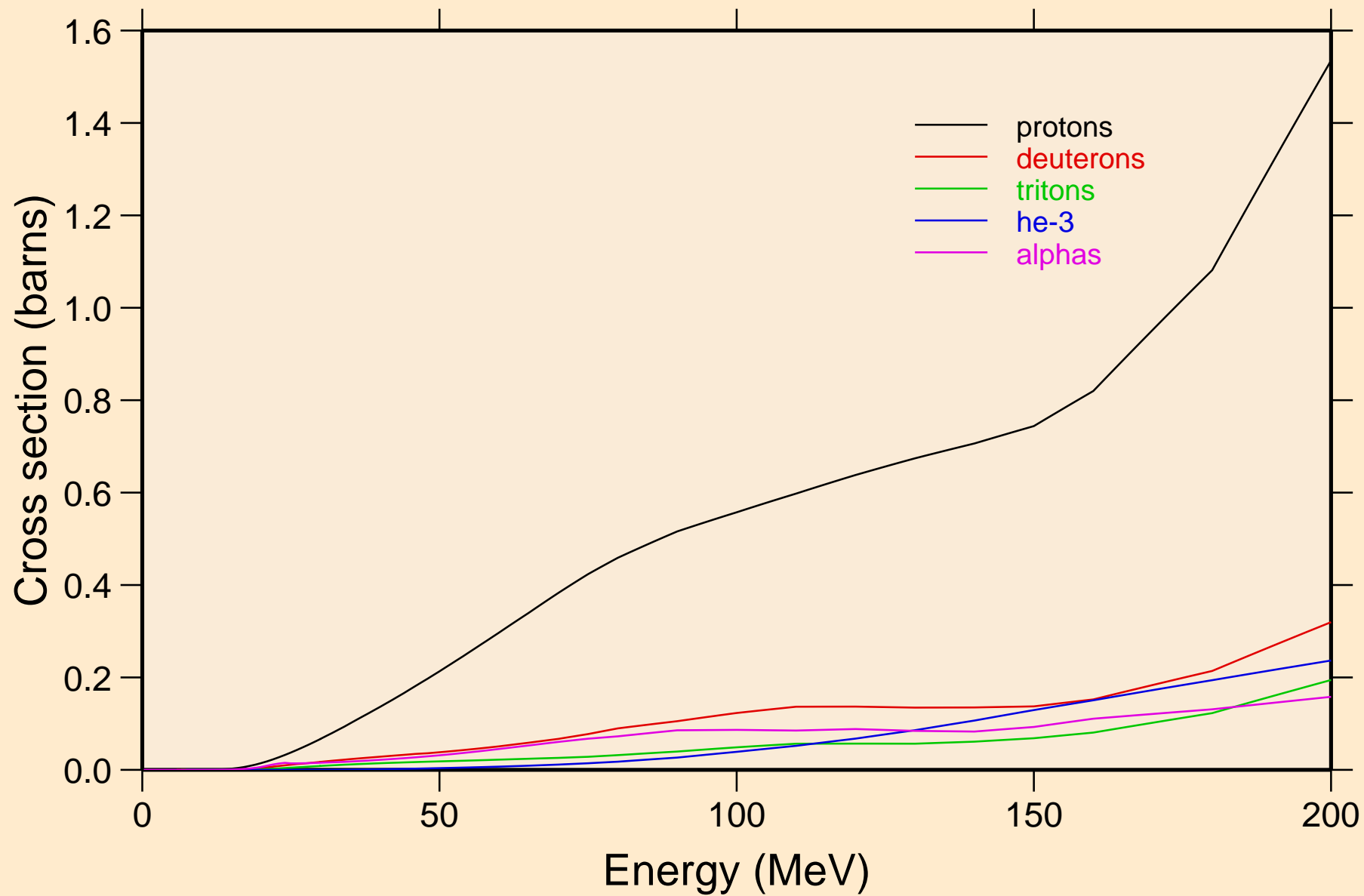
# YB174 NRG TENDL-2015, AKONING

## Recoil Heating

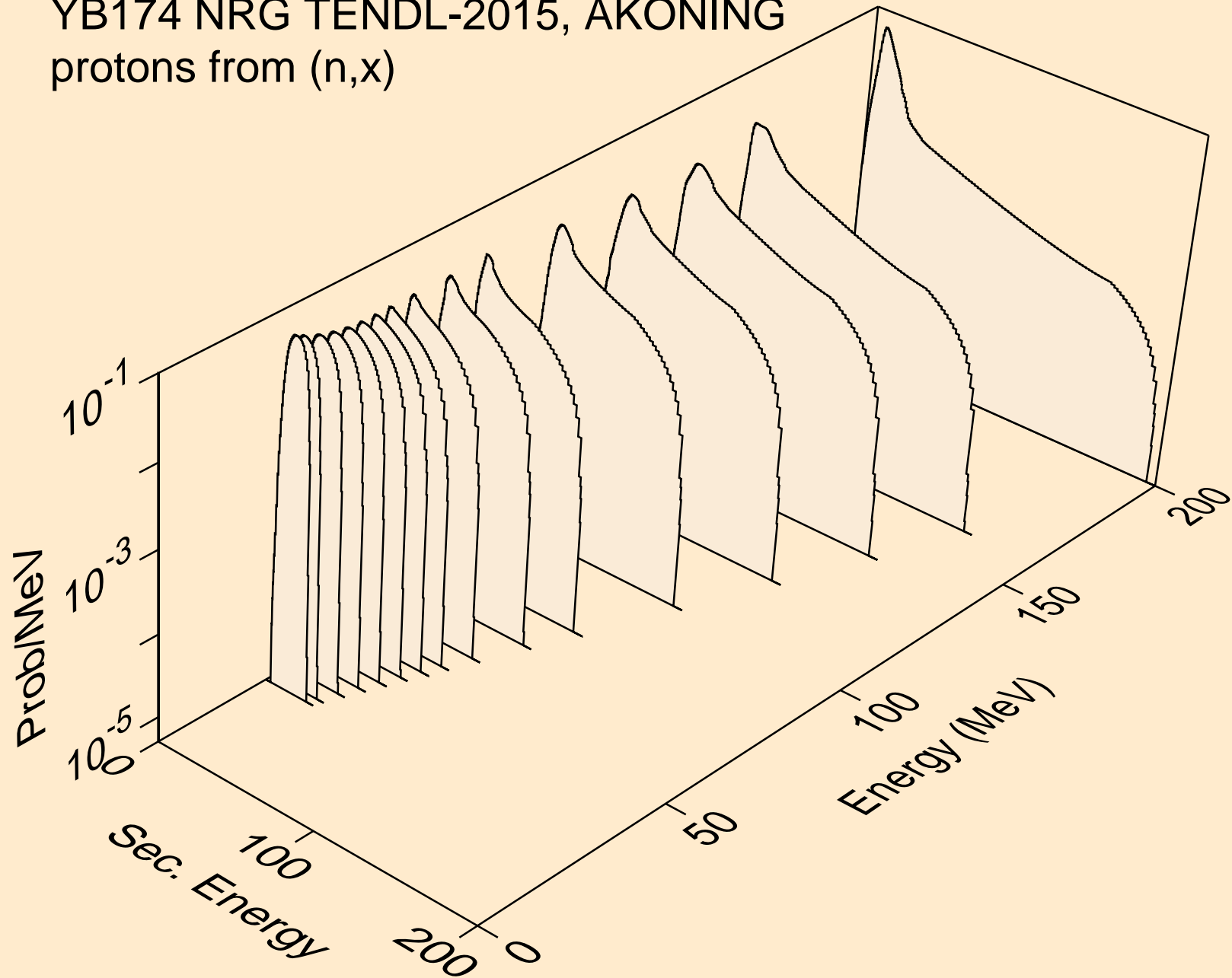


# YB174 NRG TENDL-2015, AKONING

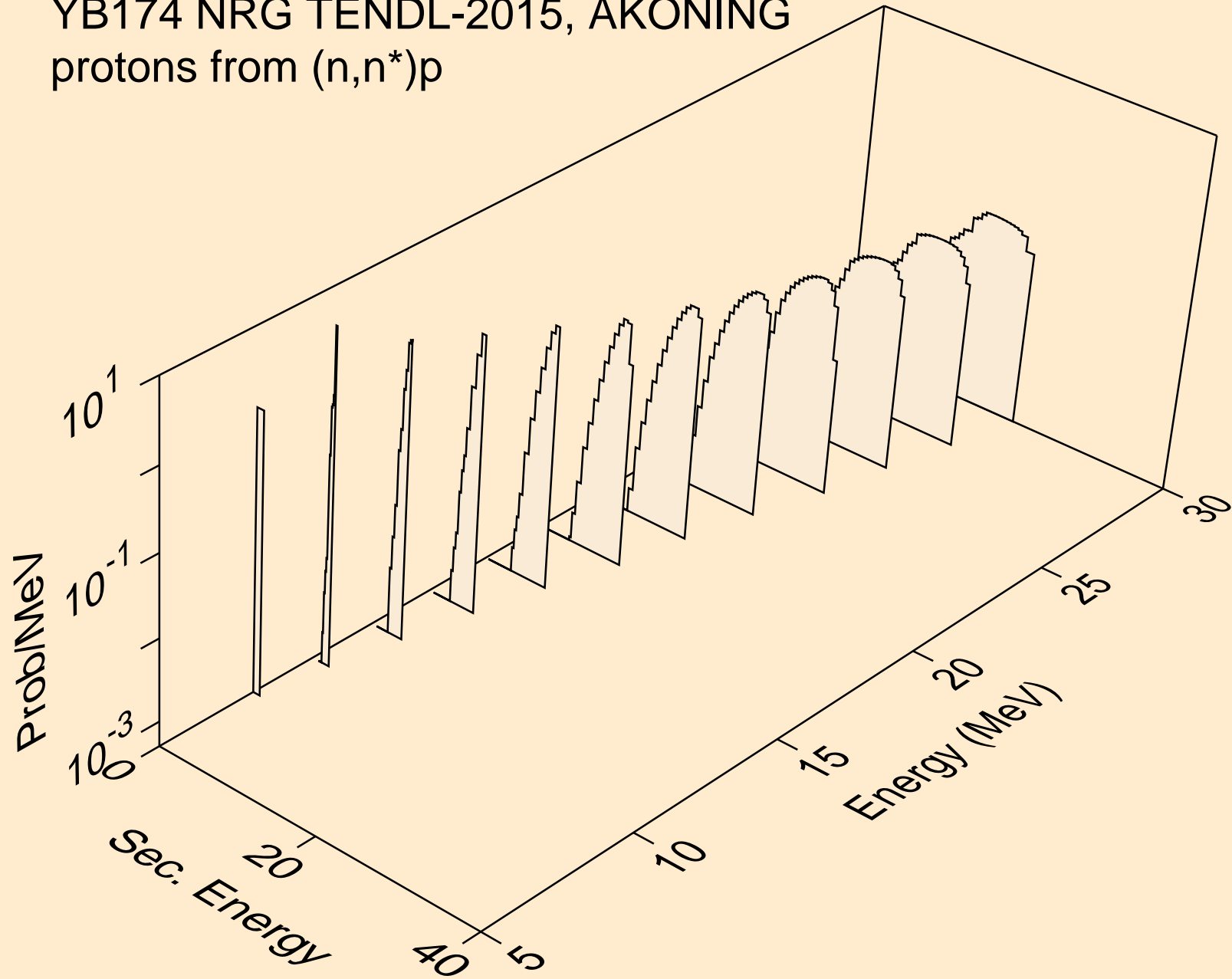
## Particle production cross sections



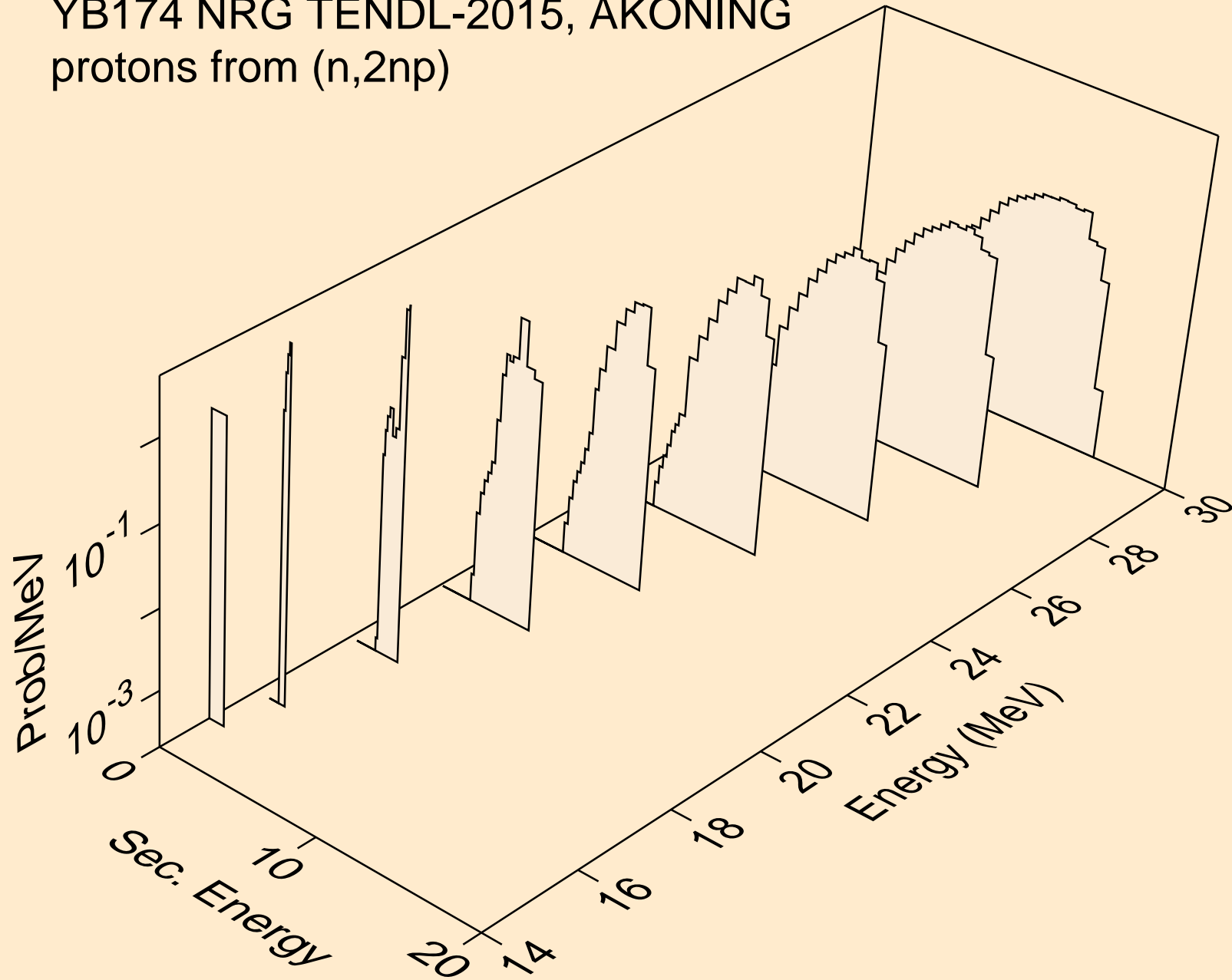
YB174 NRG TENDL-2015, AKONING  
protons from (n,x)



YB174 NRG TENDL-2015, AKONING  
protons from (n,n\*)p

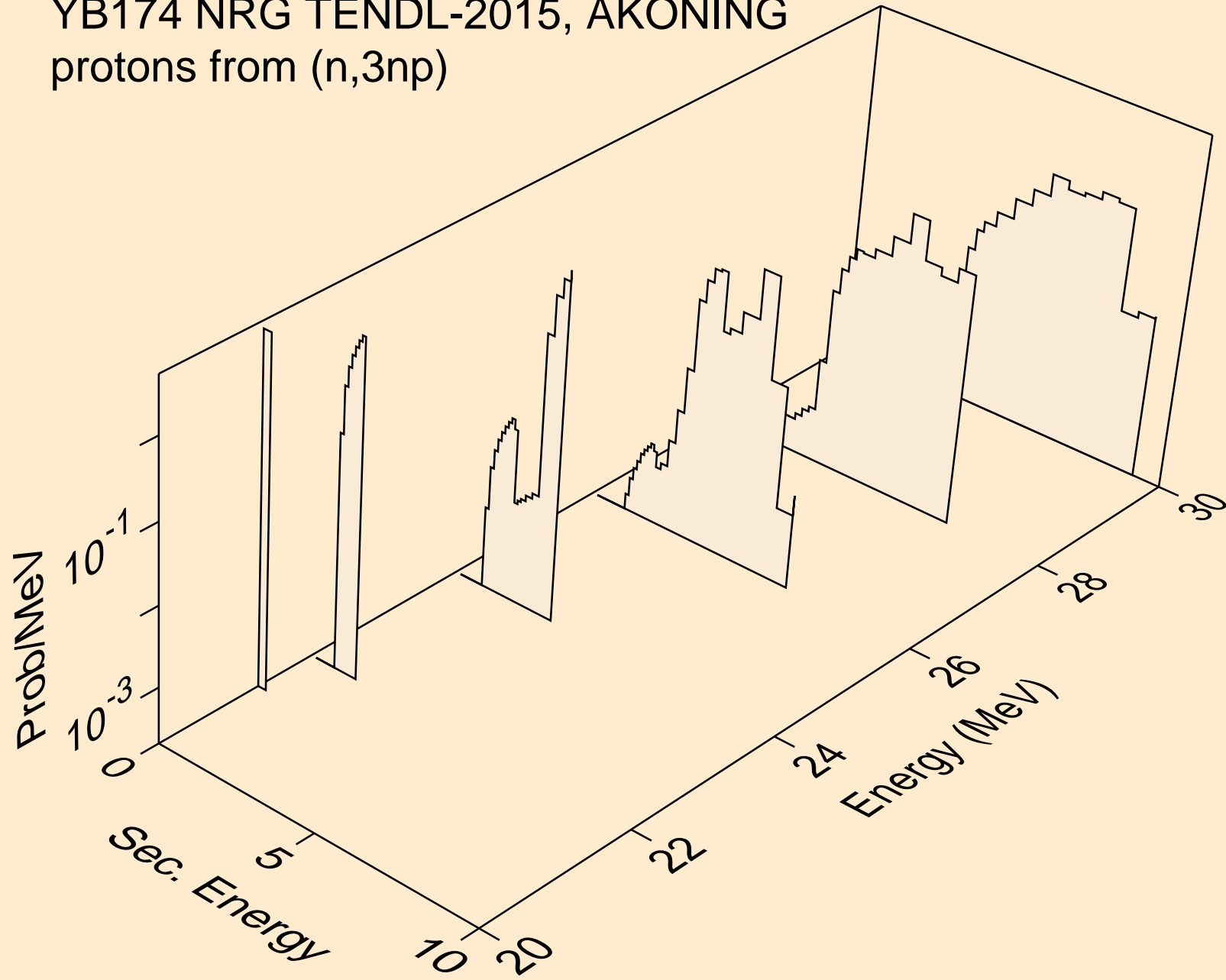


YB174 NRG TENDL-2015, AKONING  
protons from (n,2np)

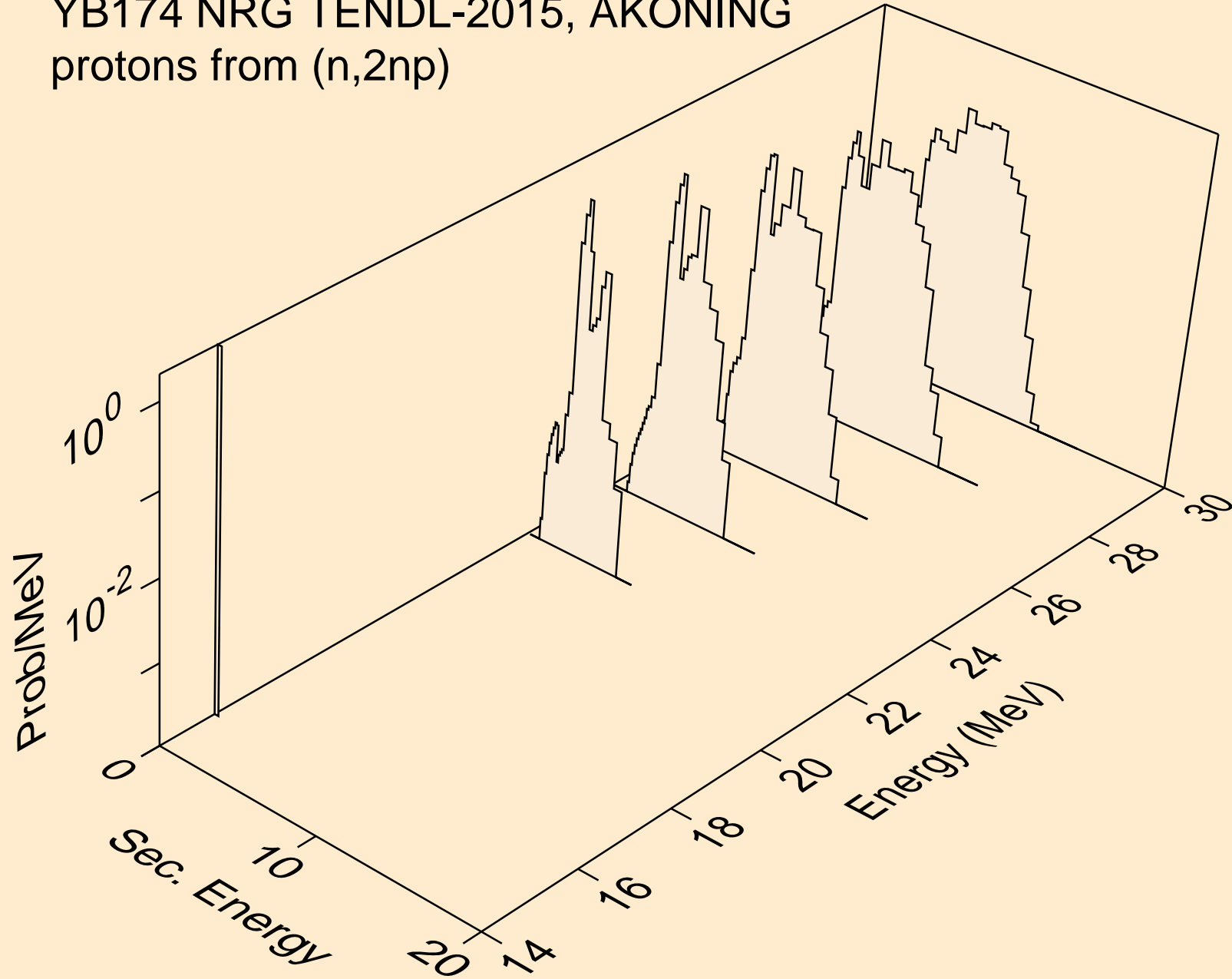




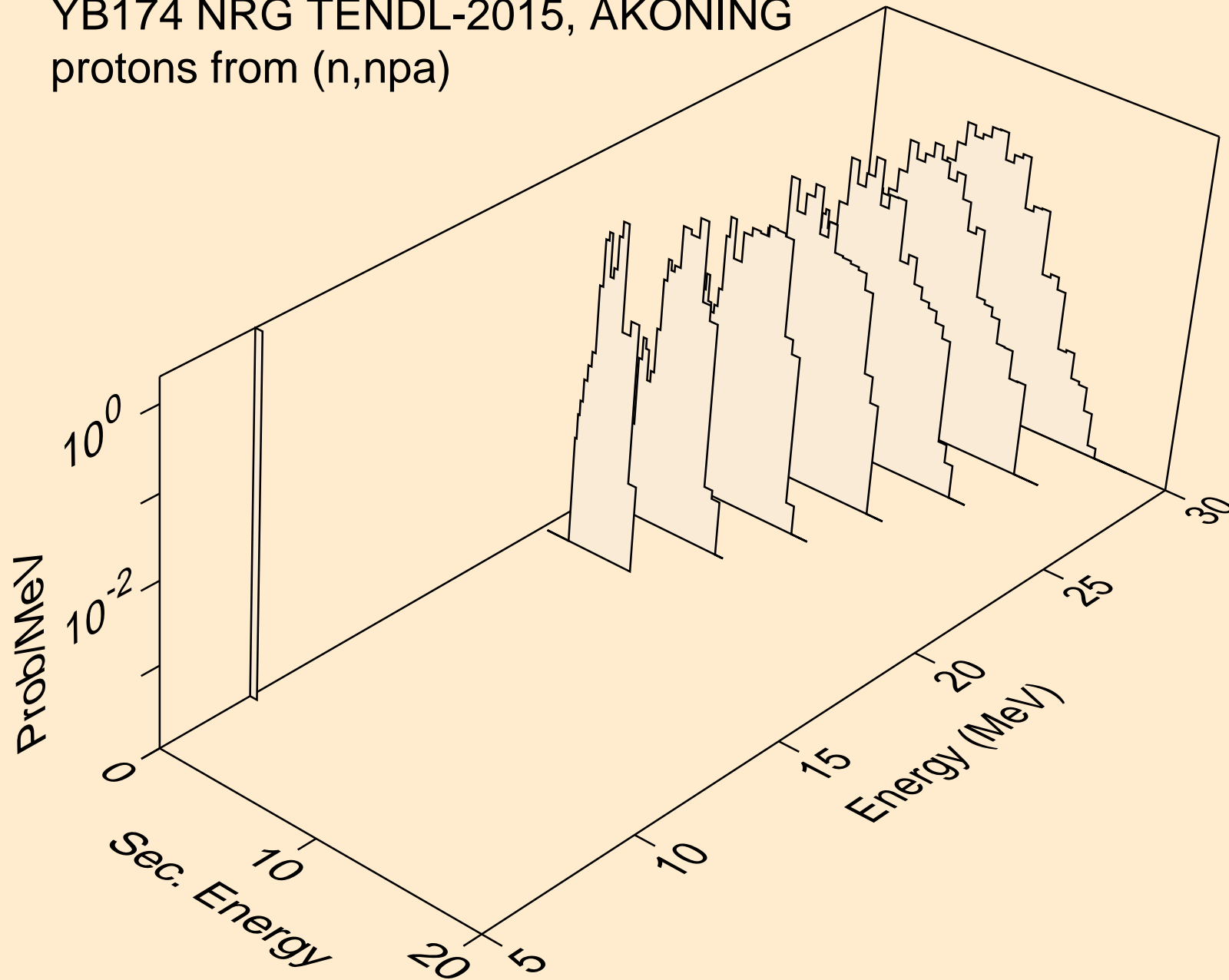
YB174 NRG TENDL-2015, AKONING  
protons from (n,3np)



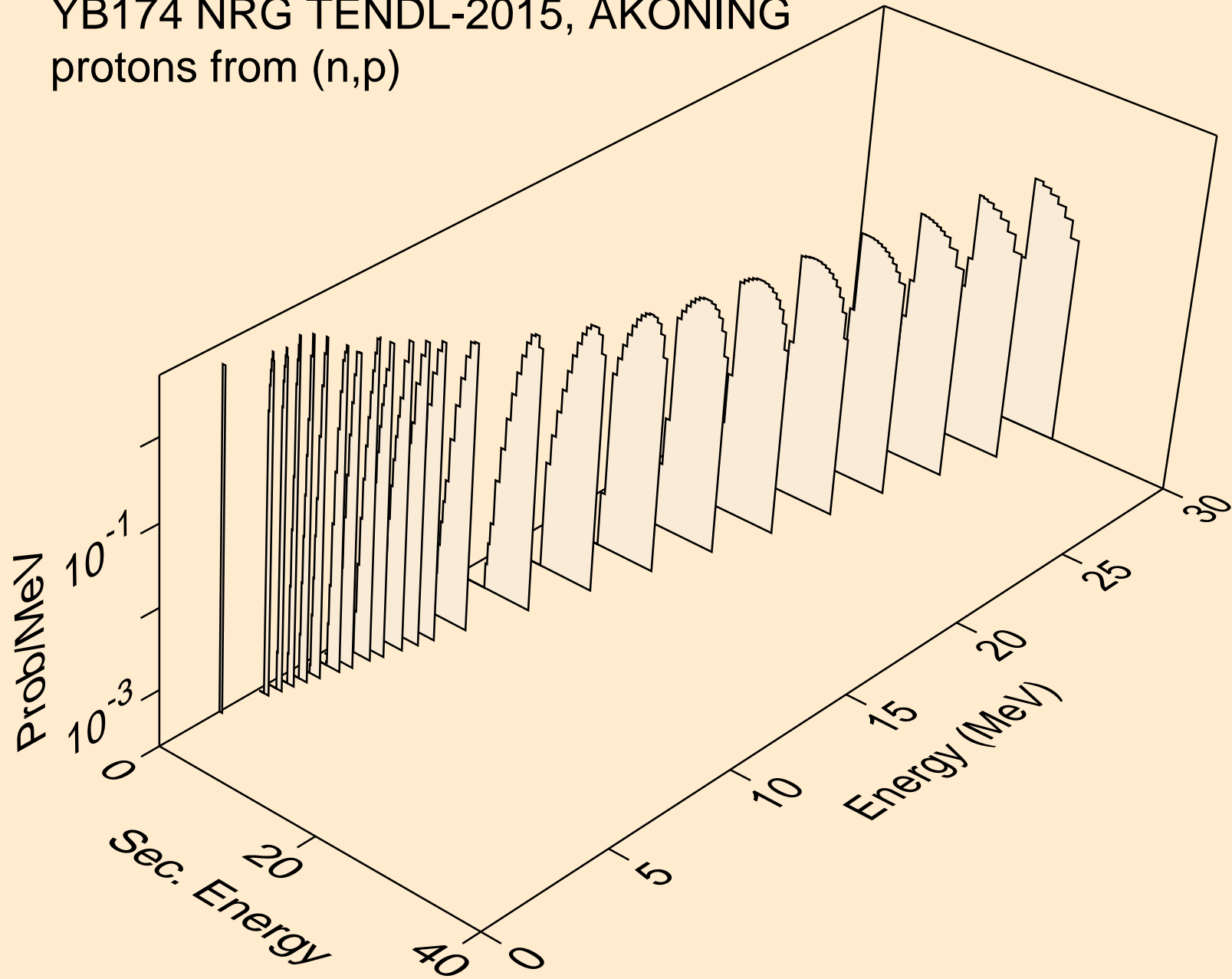
YB174 NRG TENDL-2015, AKONING  
protons from (n,2np)



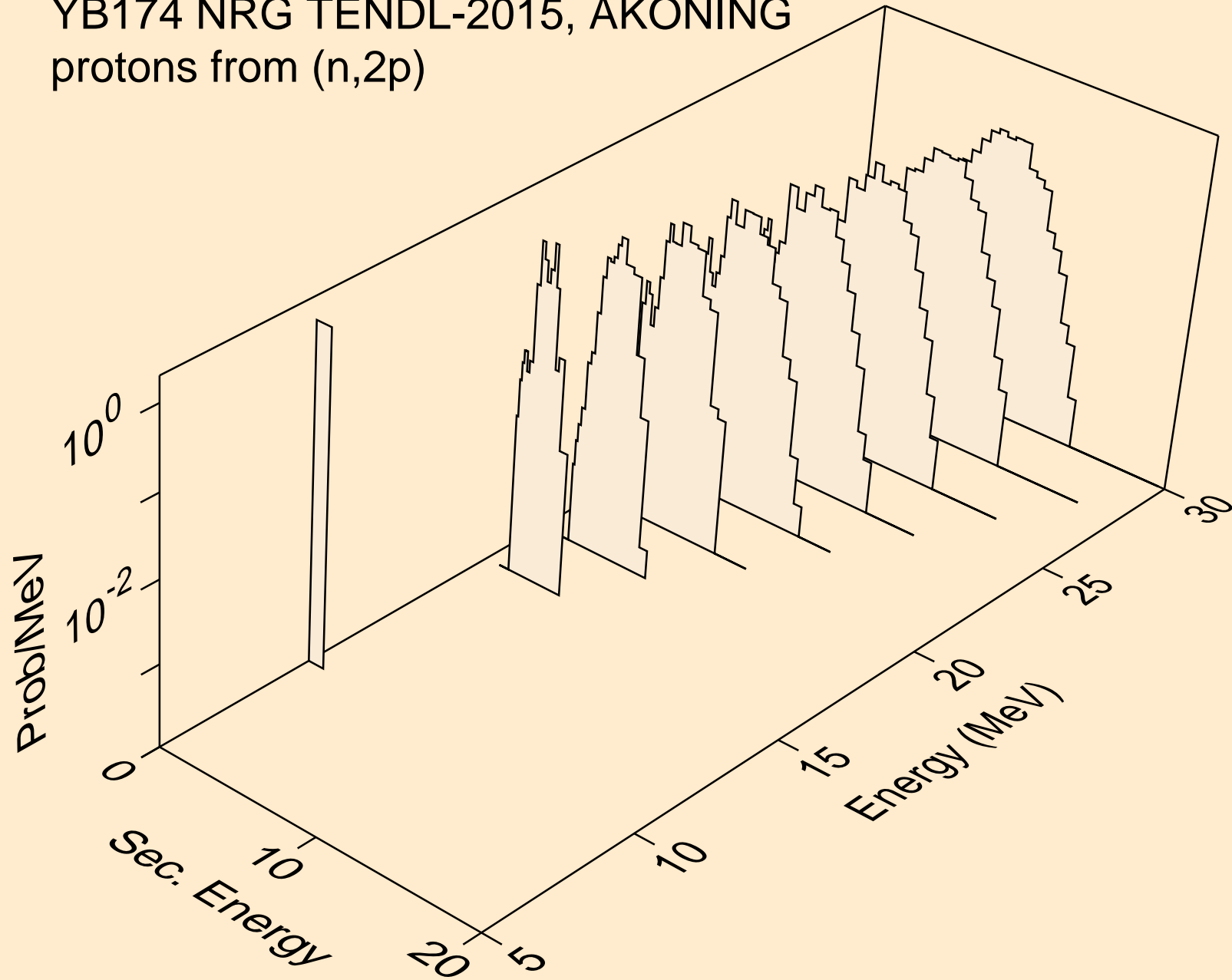
YB174 NRG TENDL-2015, AKONING  
protons from (n,npa)



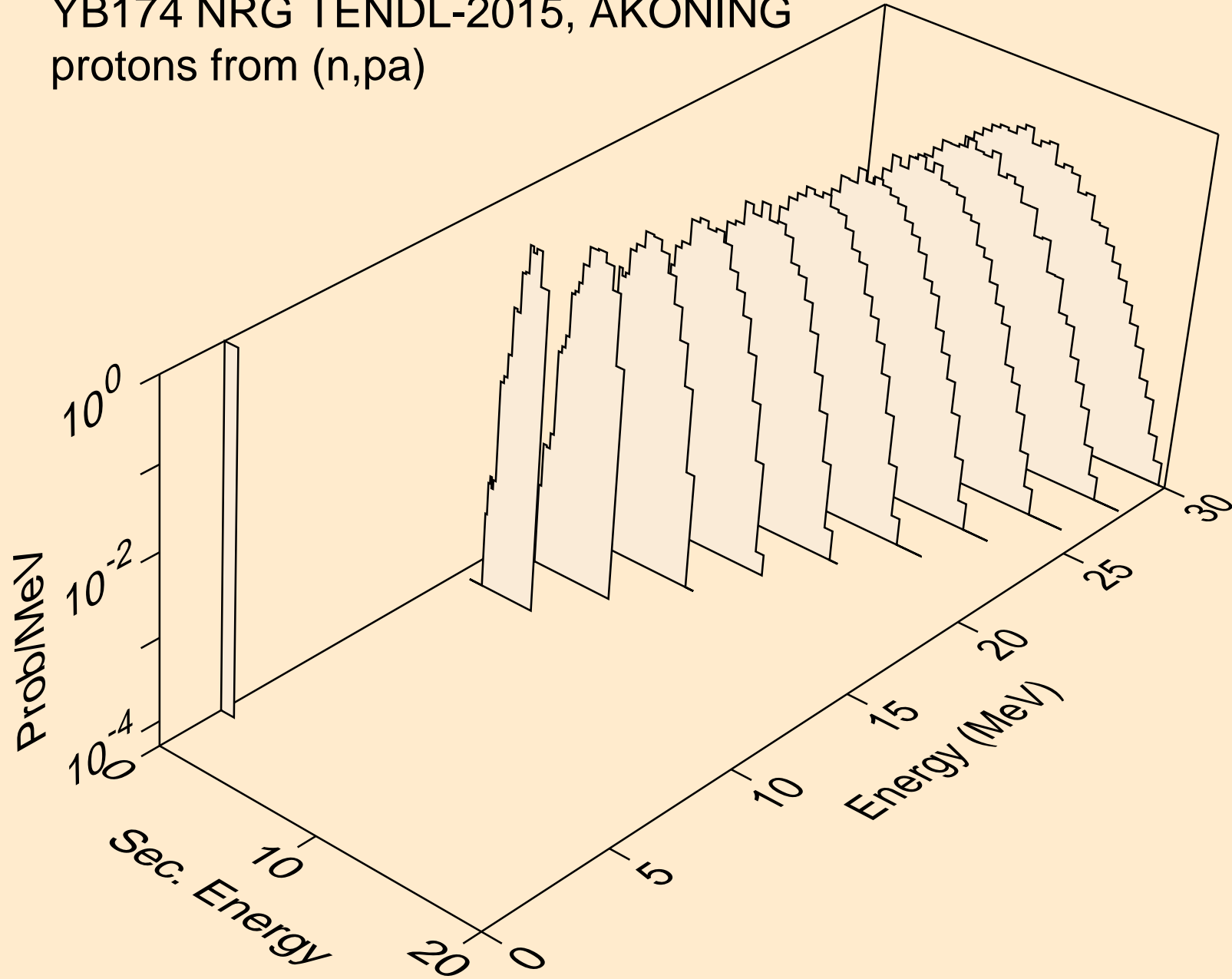
YB174 NRG TENDL-2015, AKONING  
protons from (n,p)



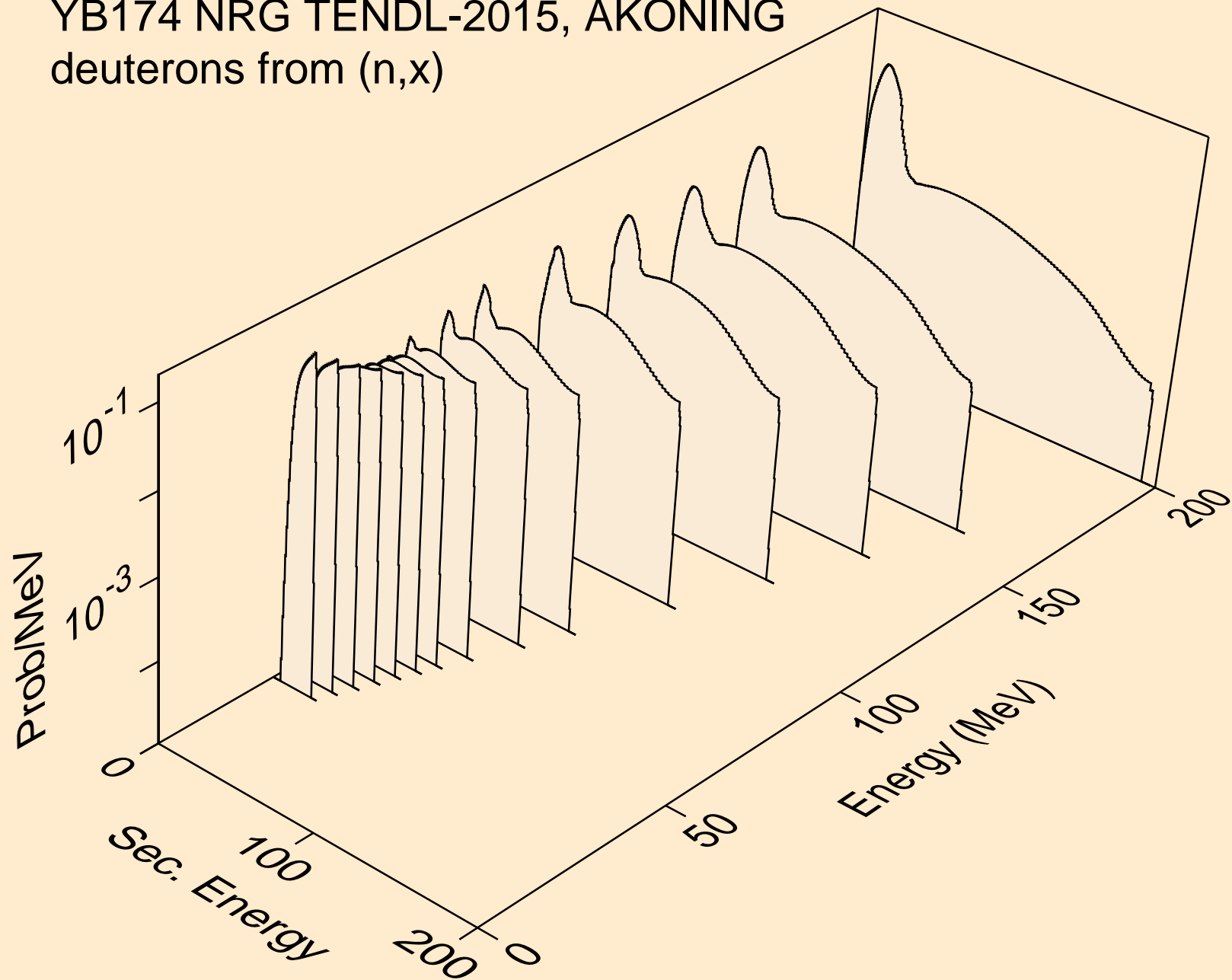
YB174 NRG TENDL-2015, AKONING  
protons from (n,2p)



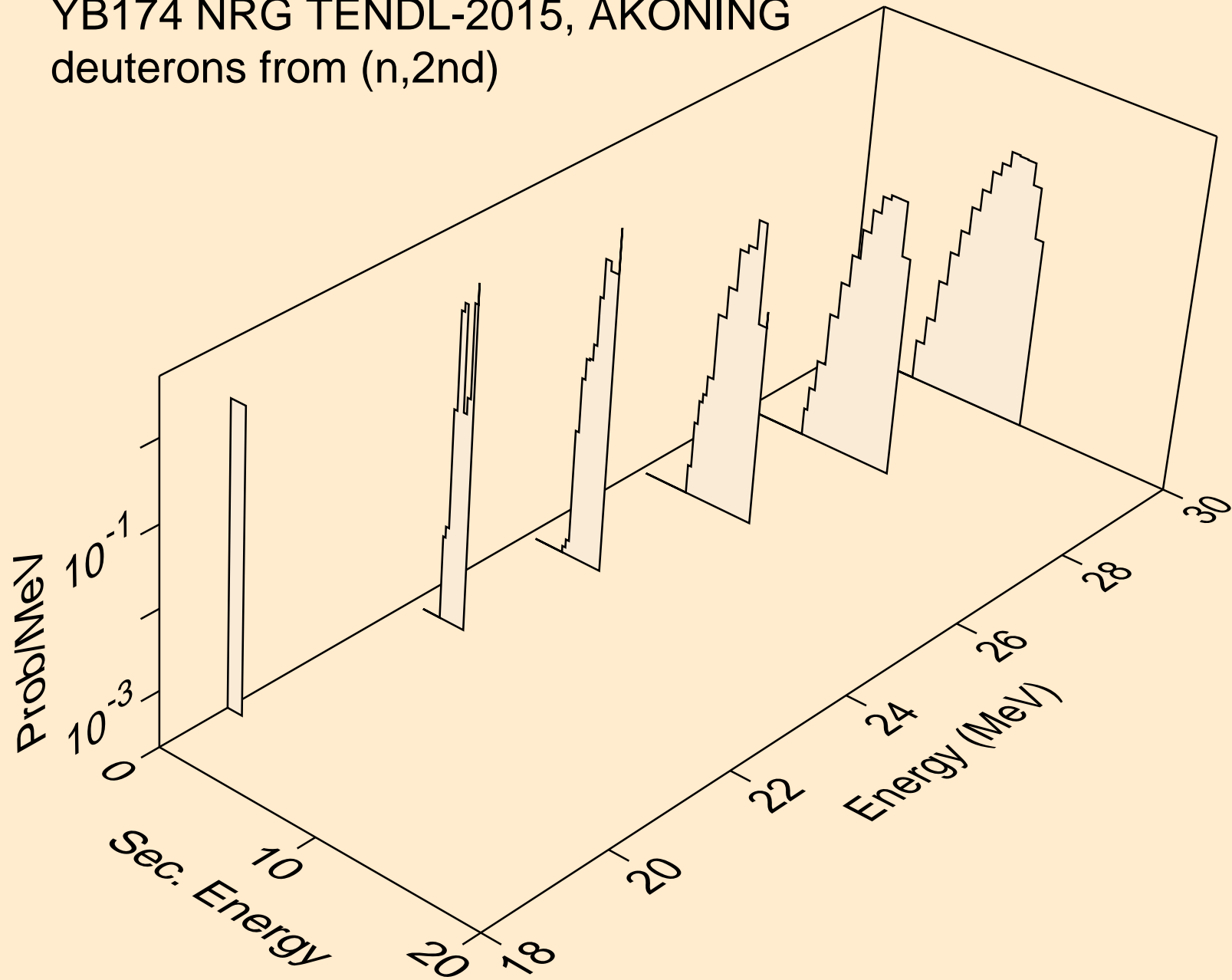
YB174 NRG TENDL-2015, AKONING  
protons from (n,pa)



YB174 NRG TENDL-2015, AKONING  
deuterons from (n,x)

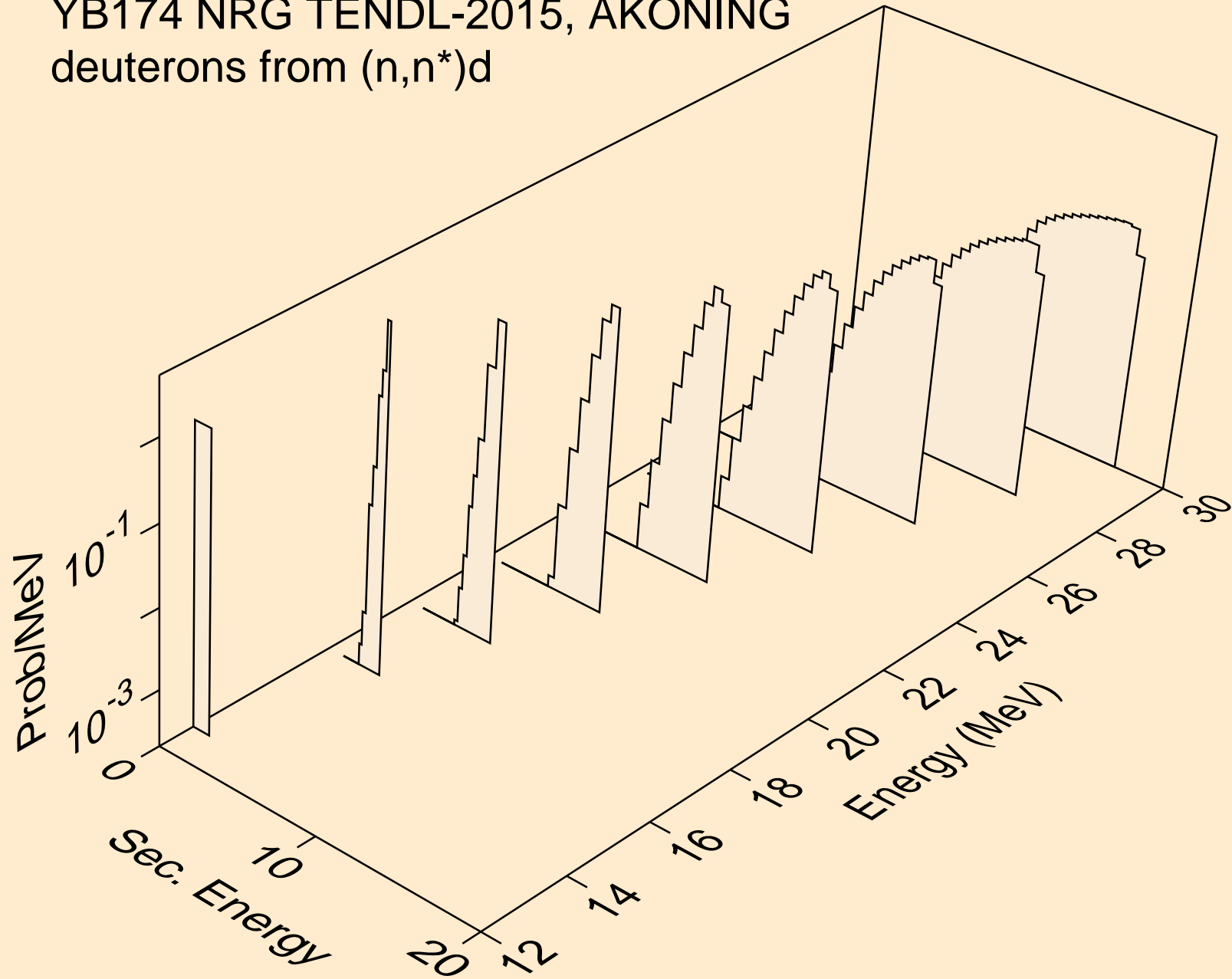


YB174 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)

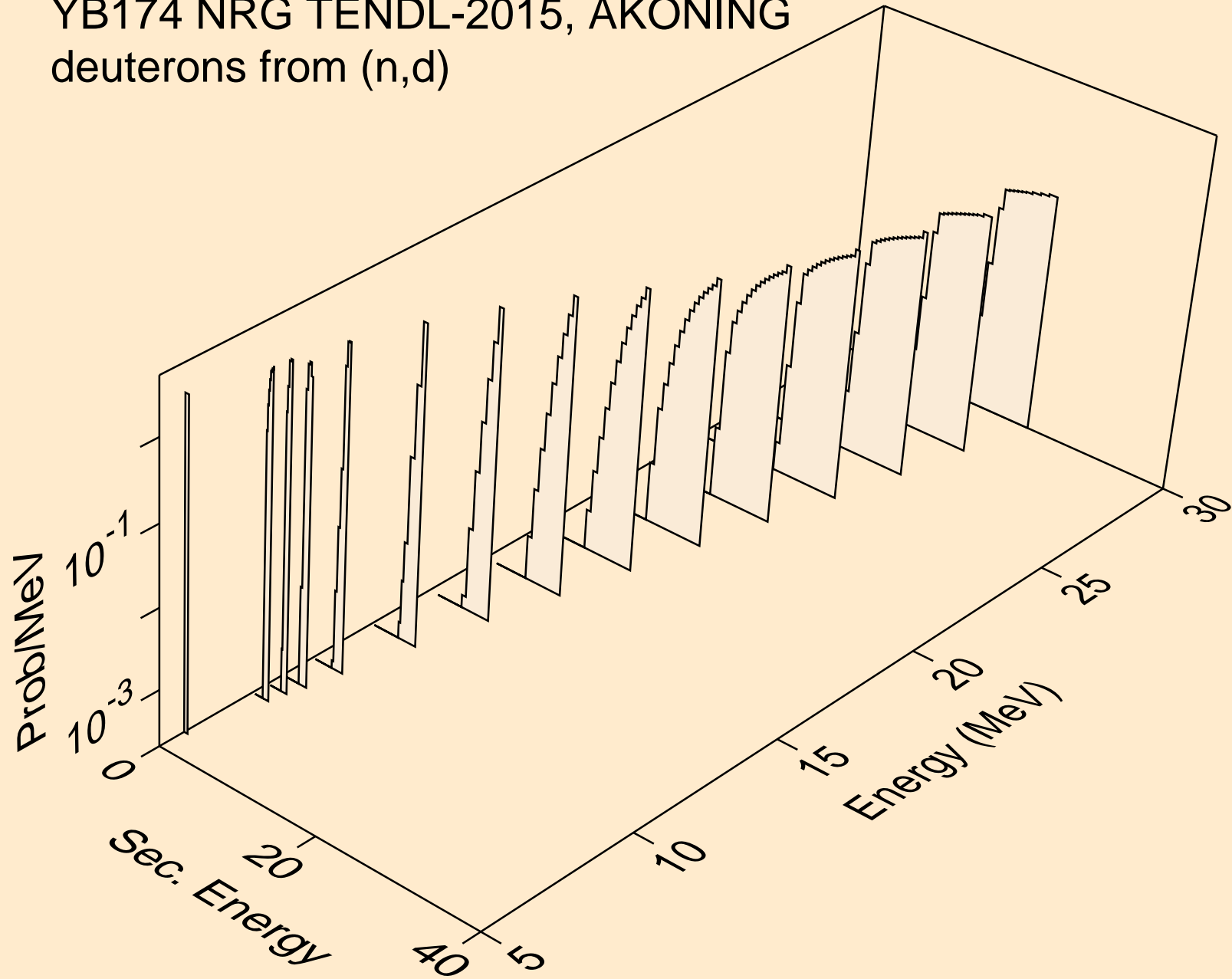




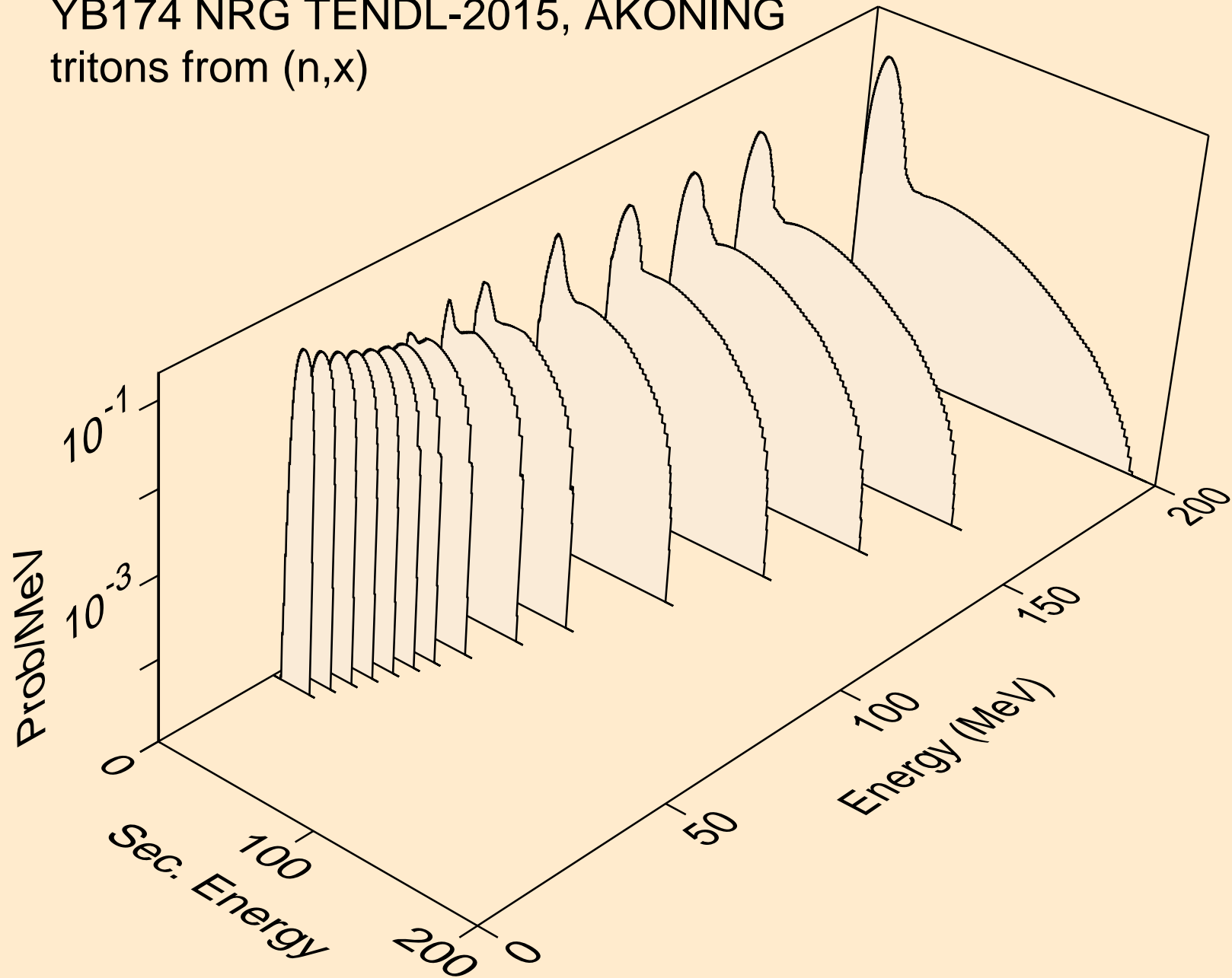
YB174 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



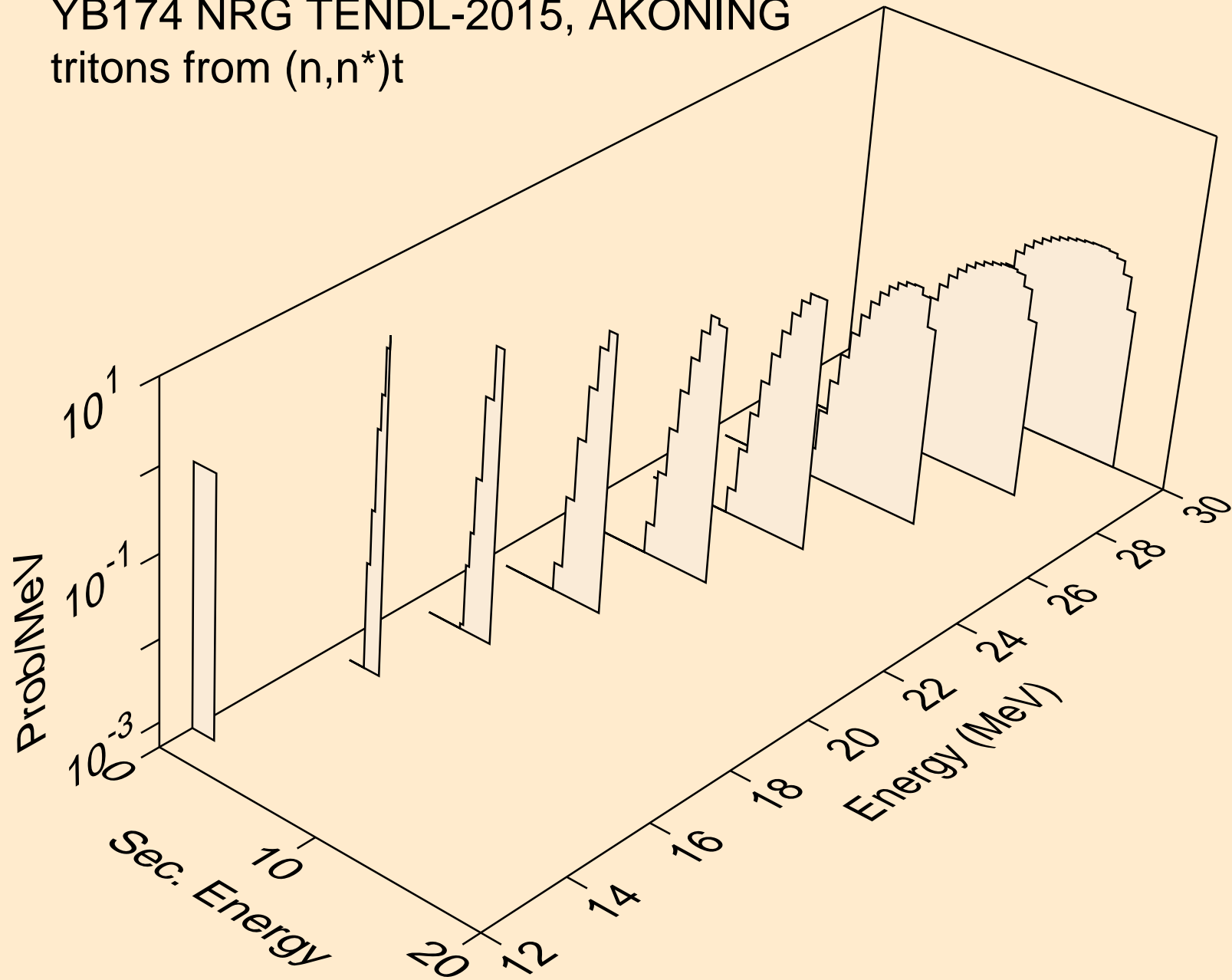
YB174 NRG TENDL-2015, AKONING  
deuterons from (n,d)



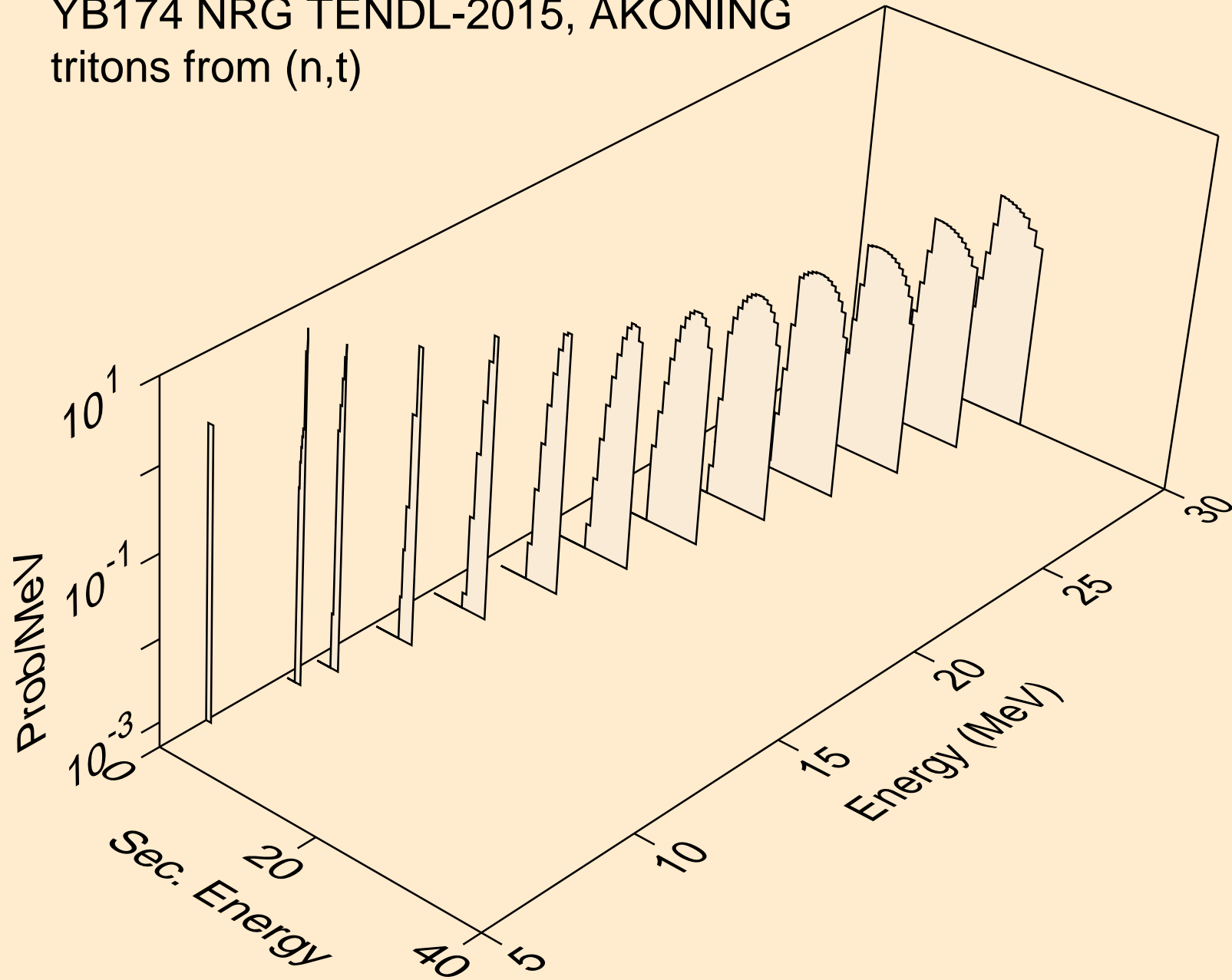
YB174 NRG TENDL-2015, AKONING  
tritons from (n,x)



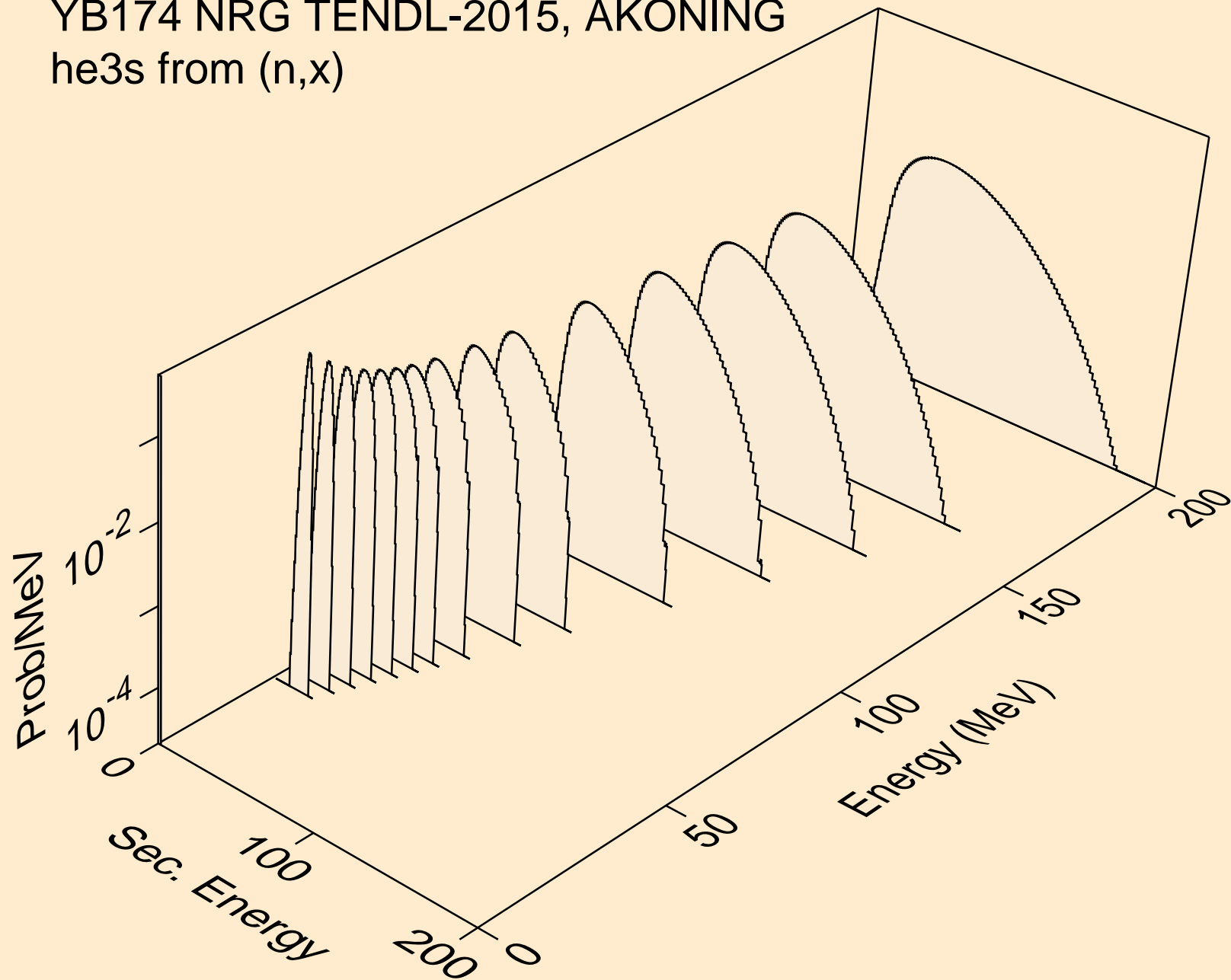
YB174 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



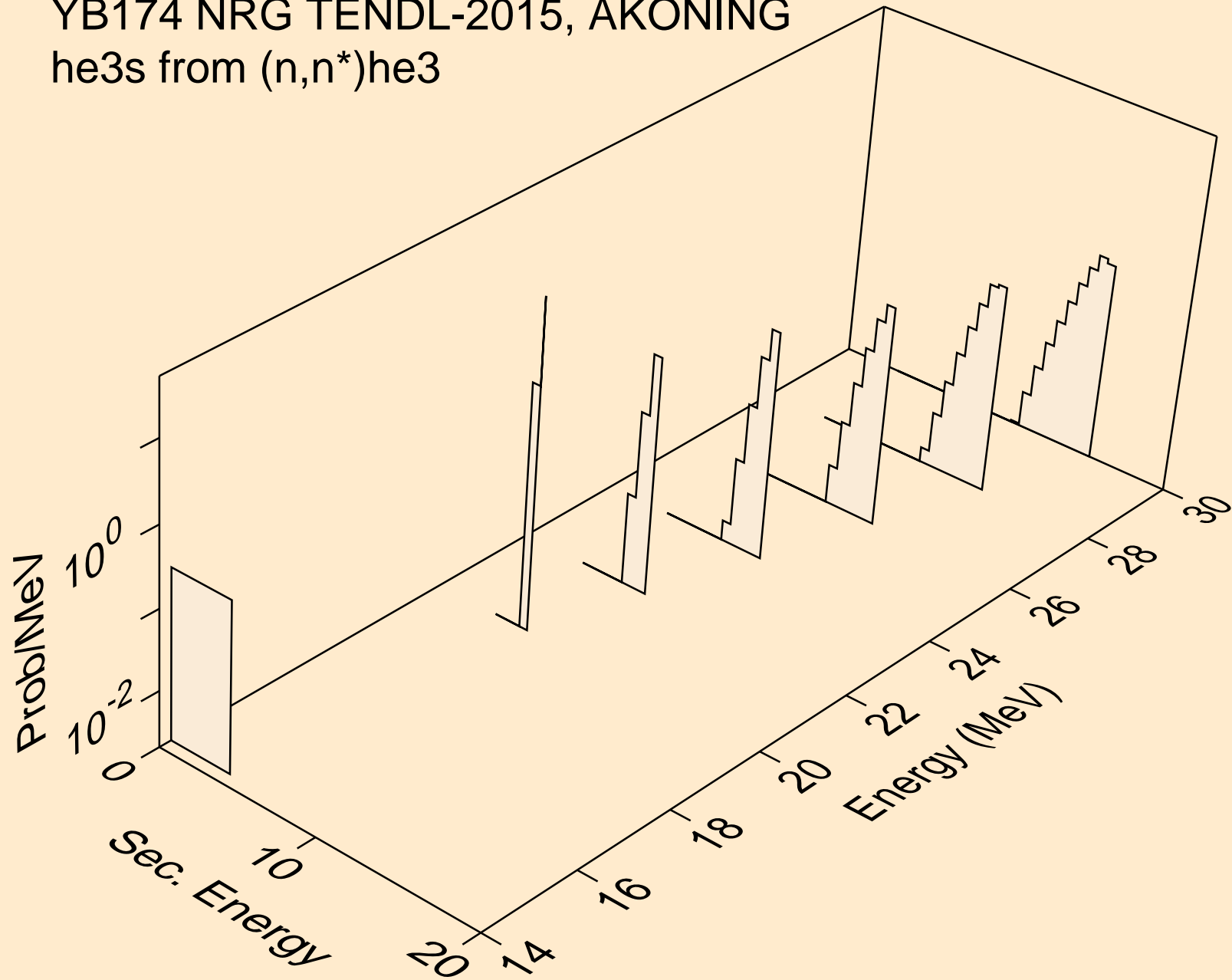
YB174 NRG TENDL-2015, AKONING  
tritons from (n,t)



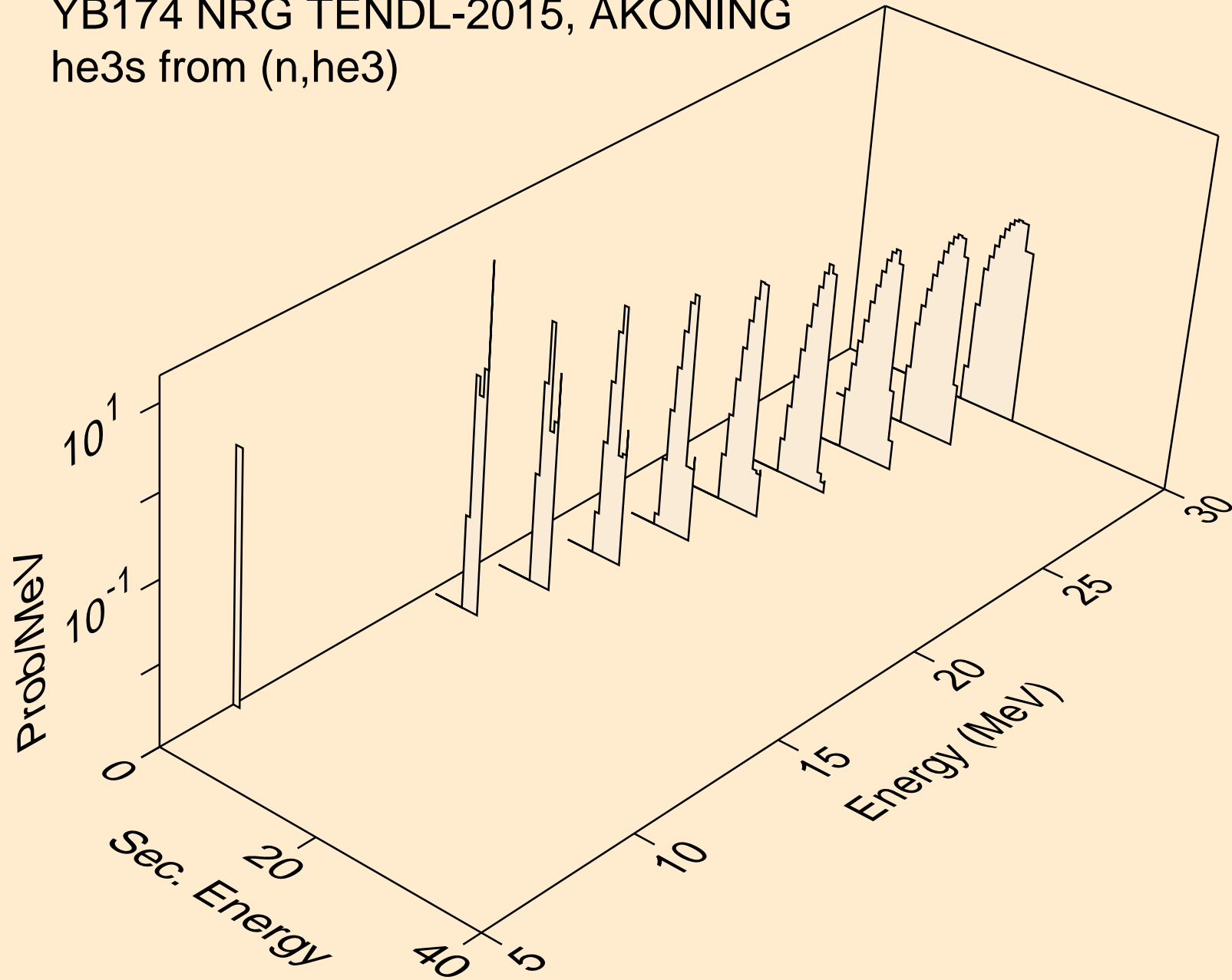
YB174 NRG TENDL-2015, AKONING  
he3s from (n,x)



YB174 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3

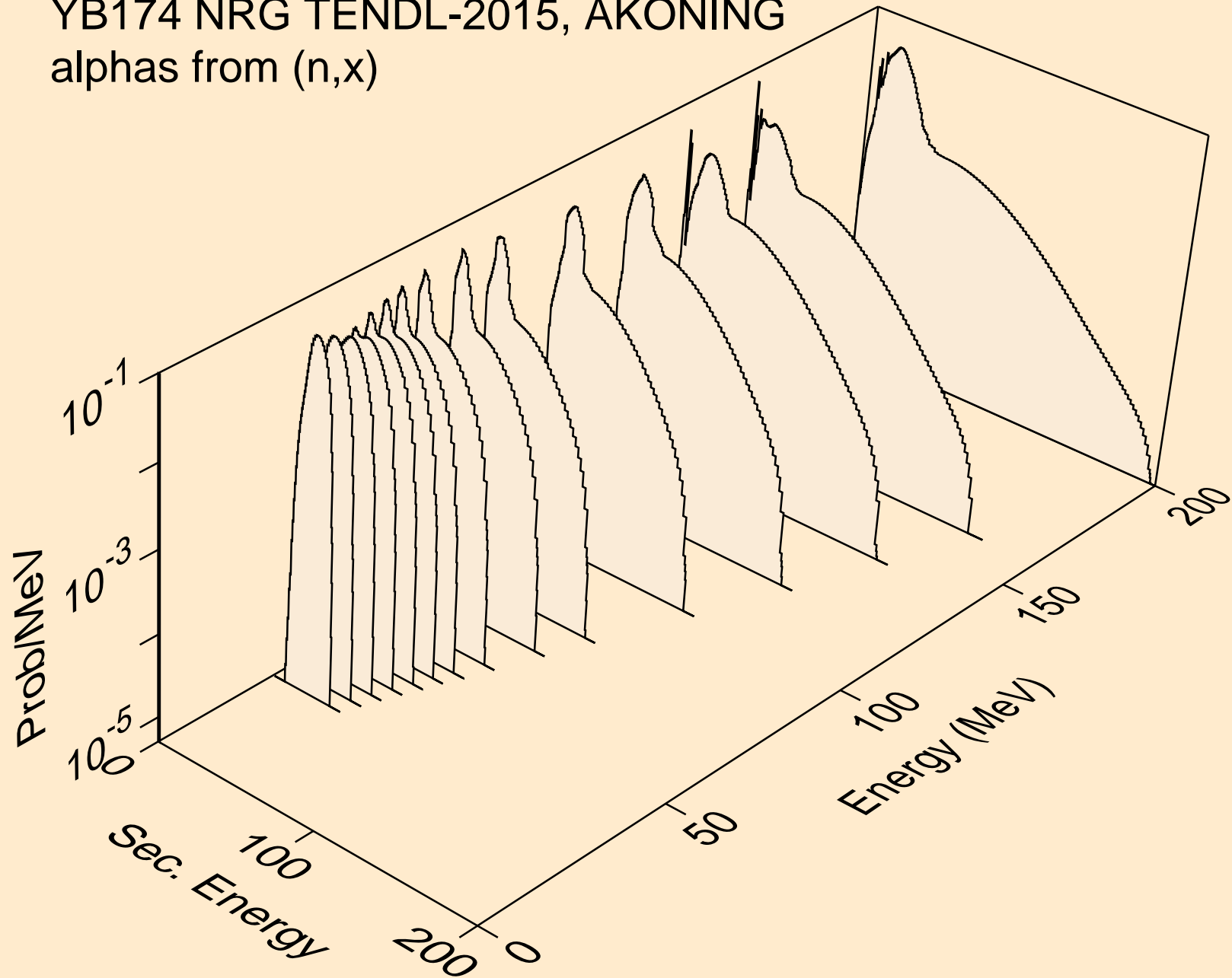


YB174 NRG TENDL-2015, AKONING  
he3s from (n,he3)

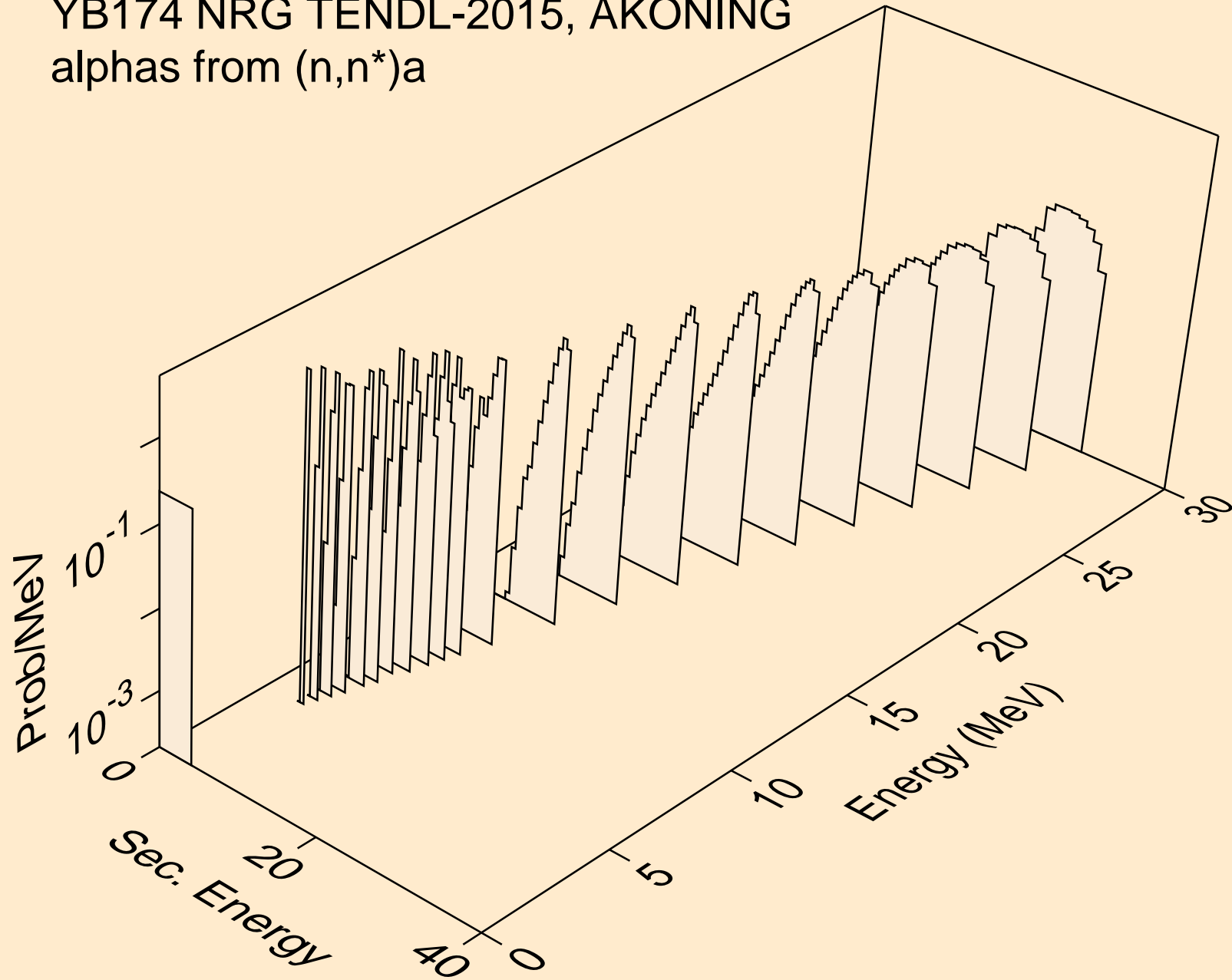




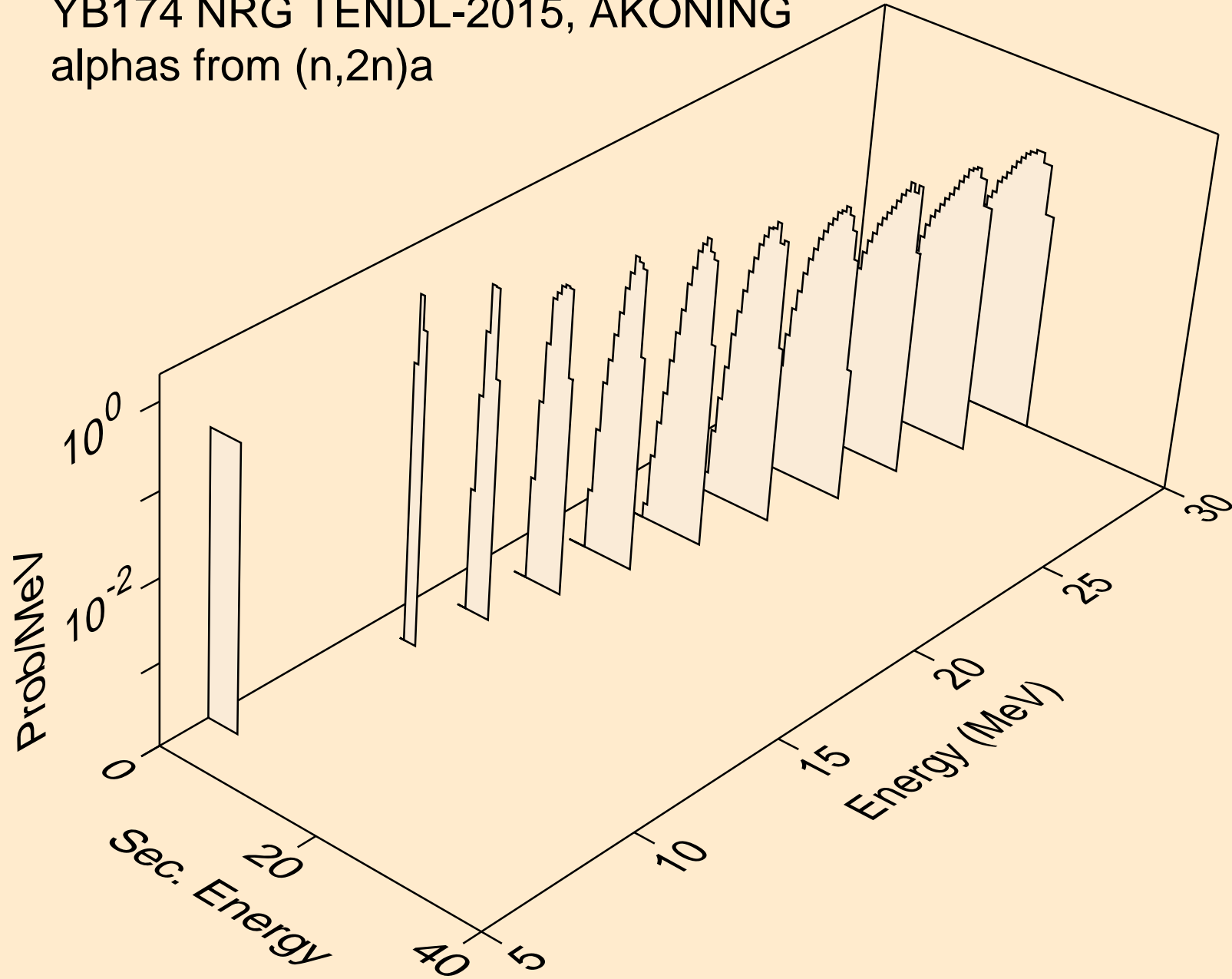
YB174 NRG TENDL-2015, AKONING  
alphas from (n,x)



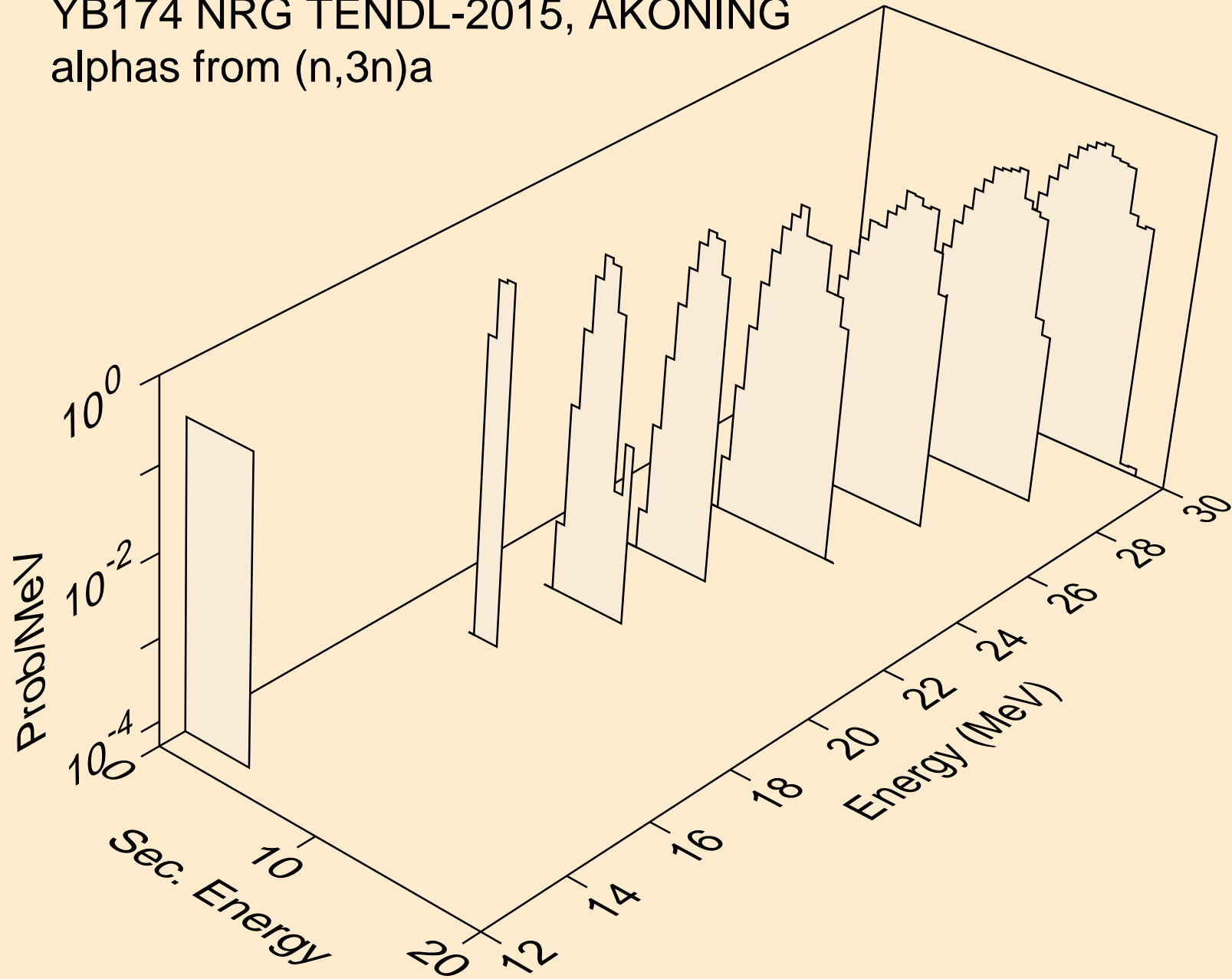
YB174 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



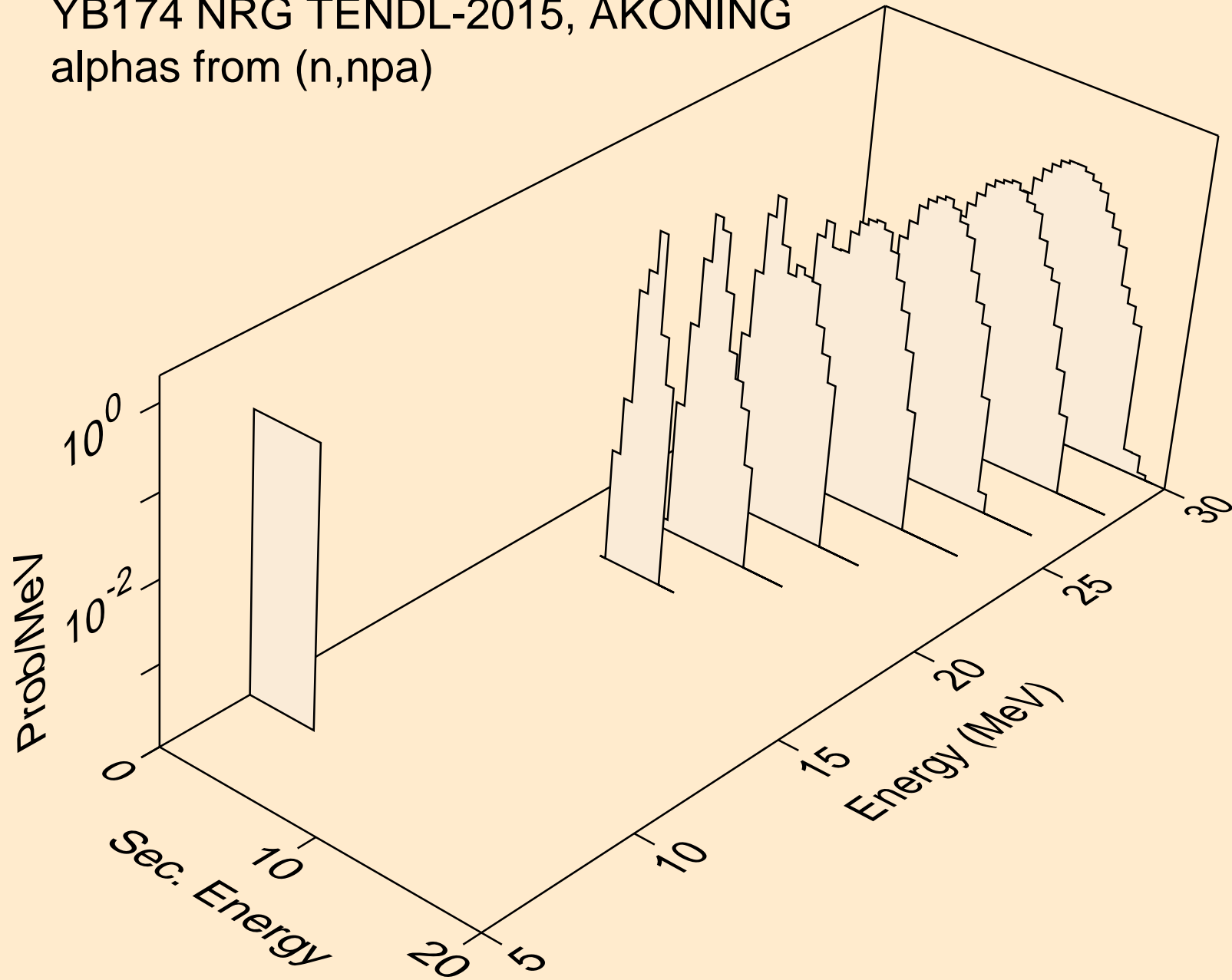
YB174 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



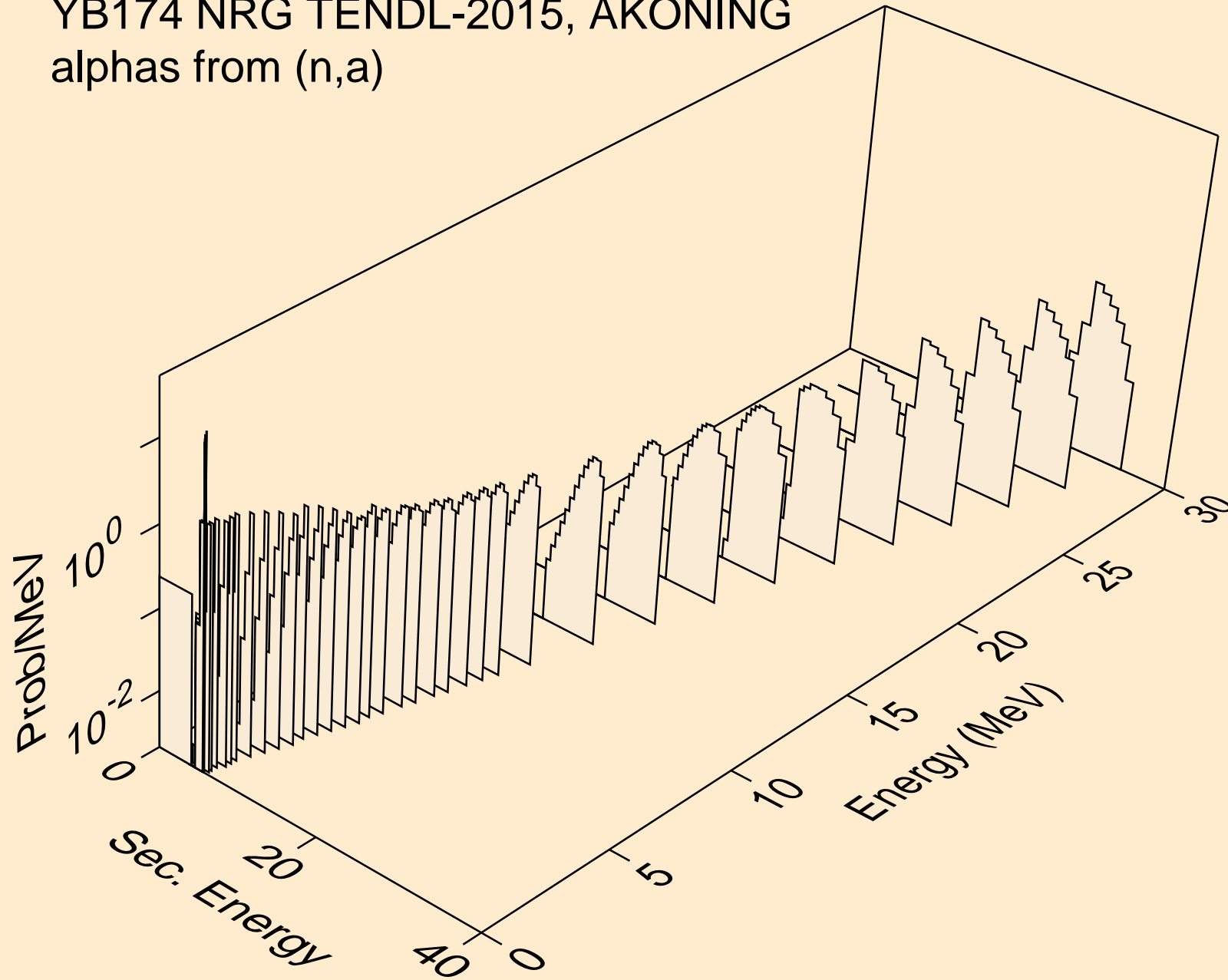
YB174 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



YB174 NRG TENDL-2015, AKONING  
alphas from (n,npa)



YB174 NRG TENDL-2015, AKONING  
alphas from (n,a)



YB174 NRG TENDL-2015, AKONING  
alphas from (n,pa)

