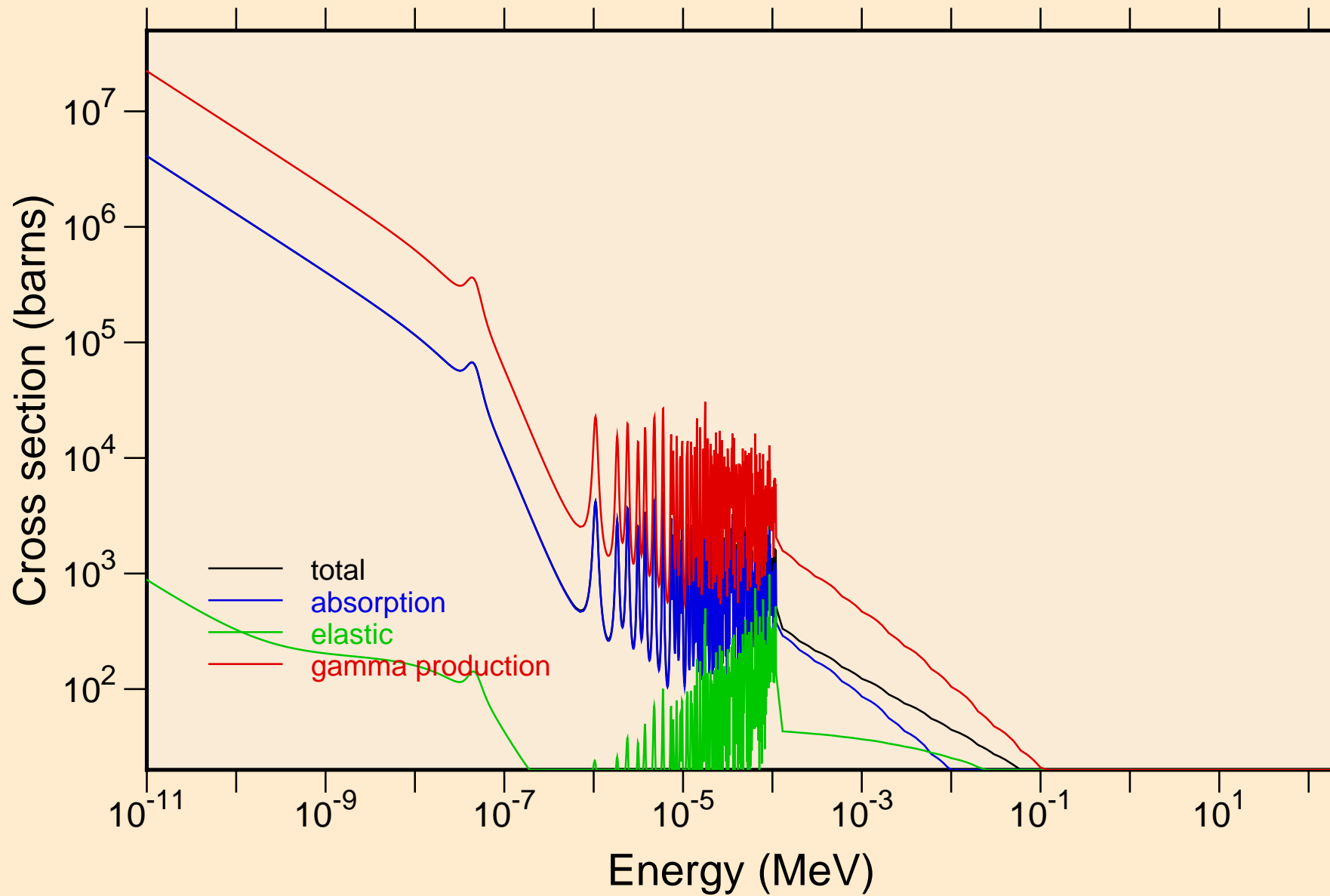
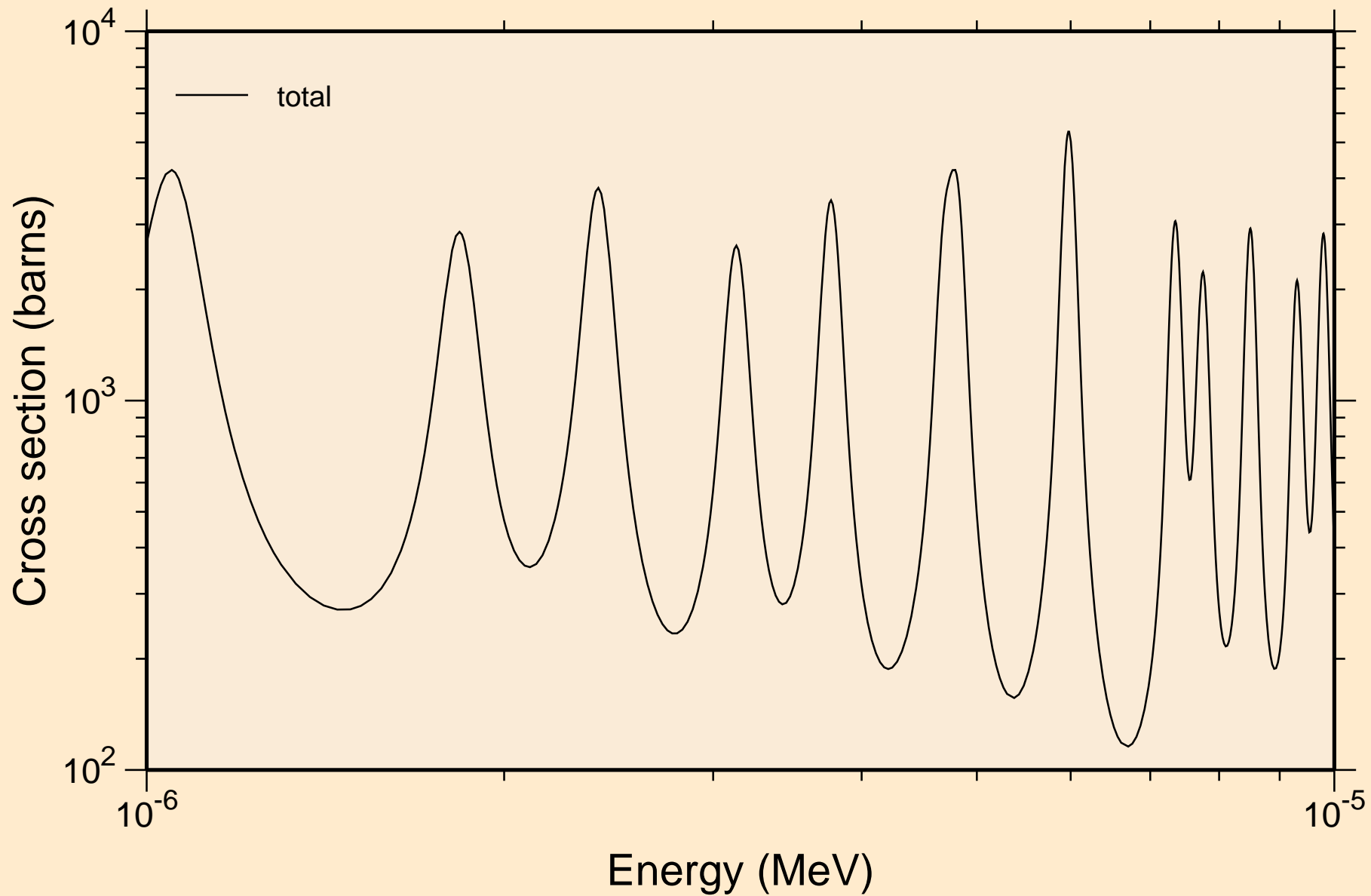


# YB165 NRG TENDL-2015, AKONING

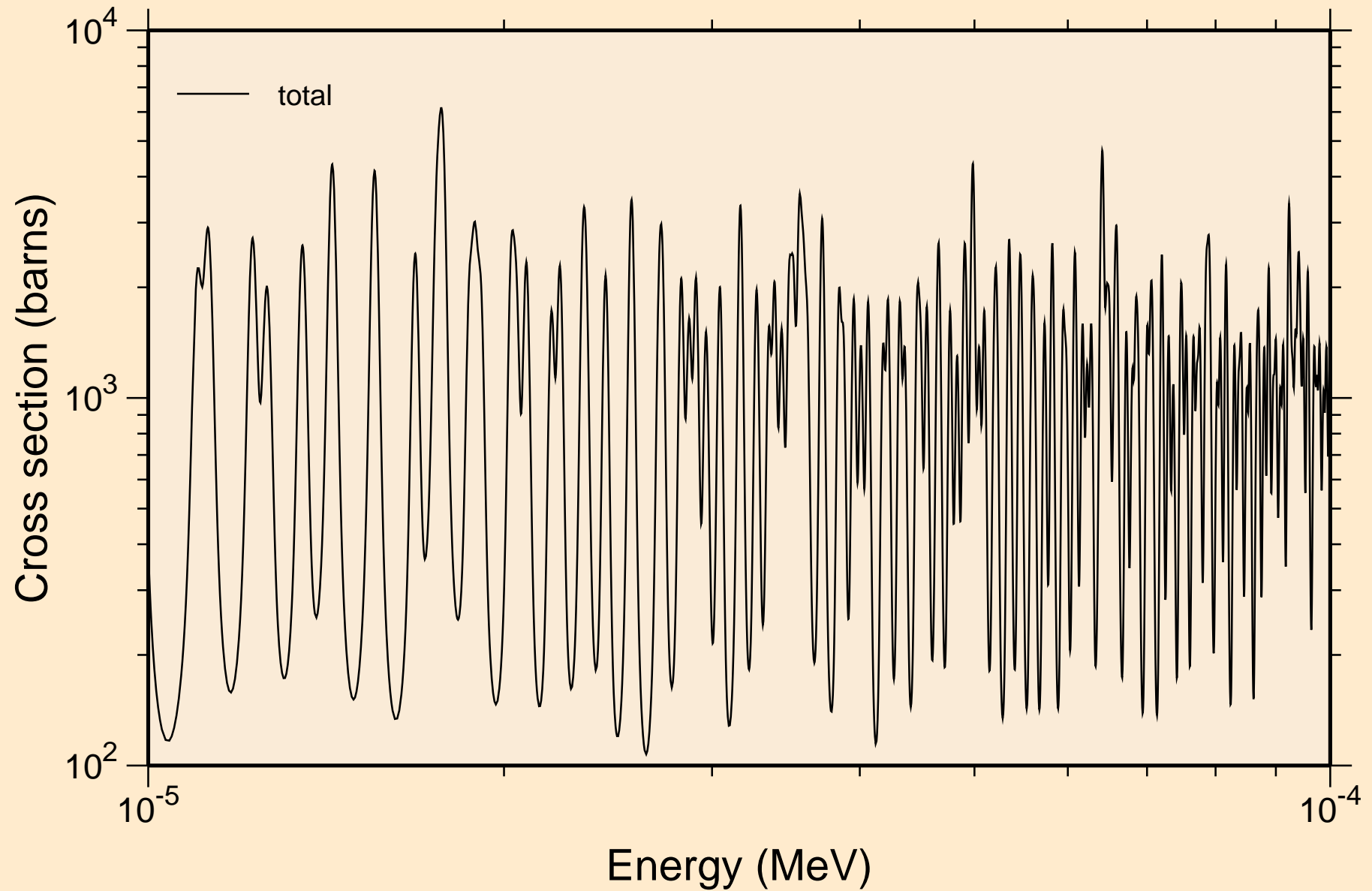
## Principal cross sections



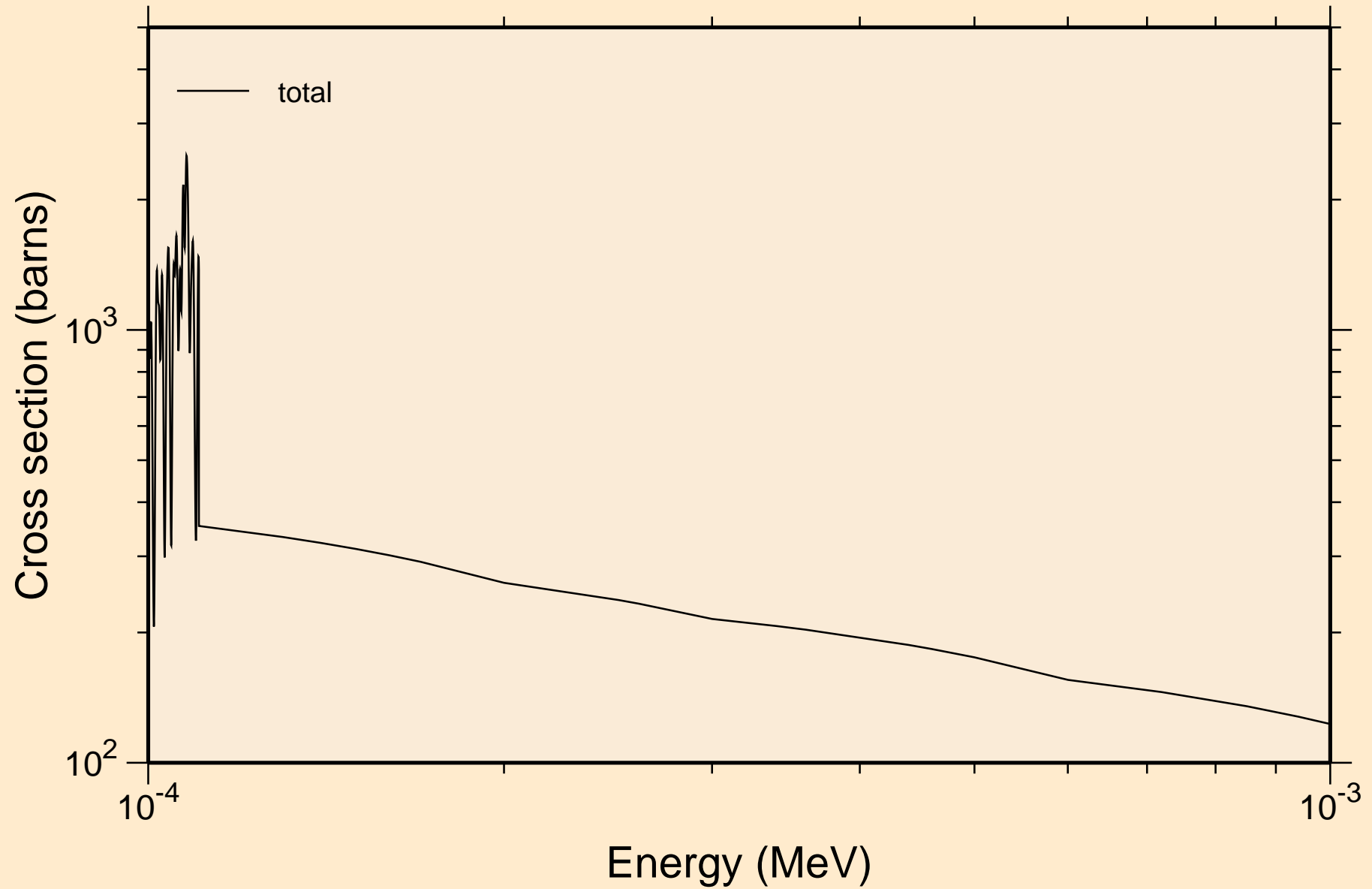
YB165 NRG TENDL-2015, AKONING  
resonance total cross section



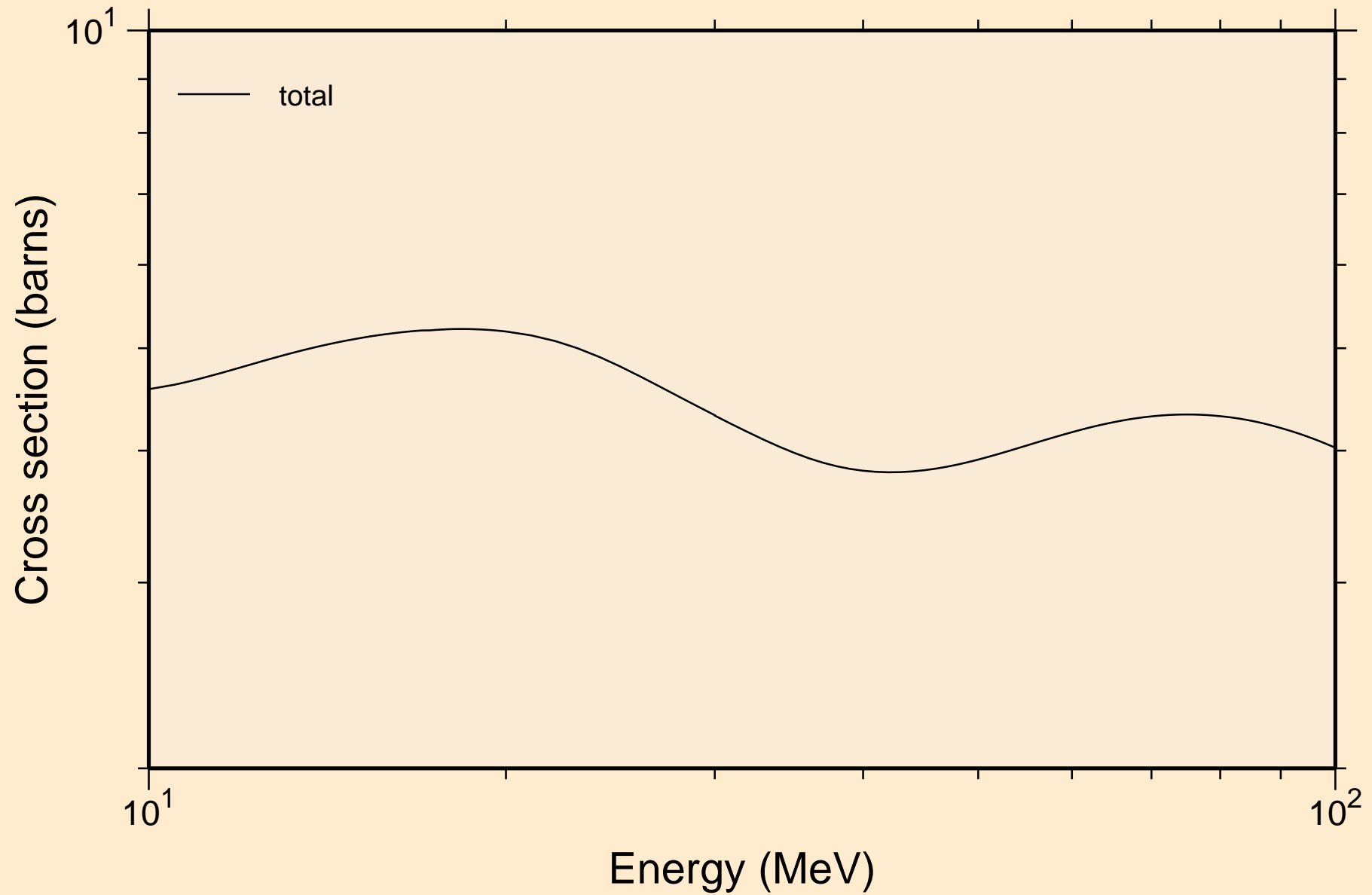
YB165 NRG TENDL-2015, AKONING  
resonance total cross section



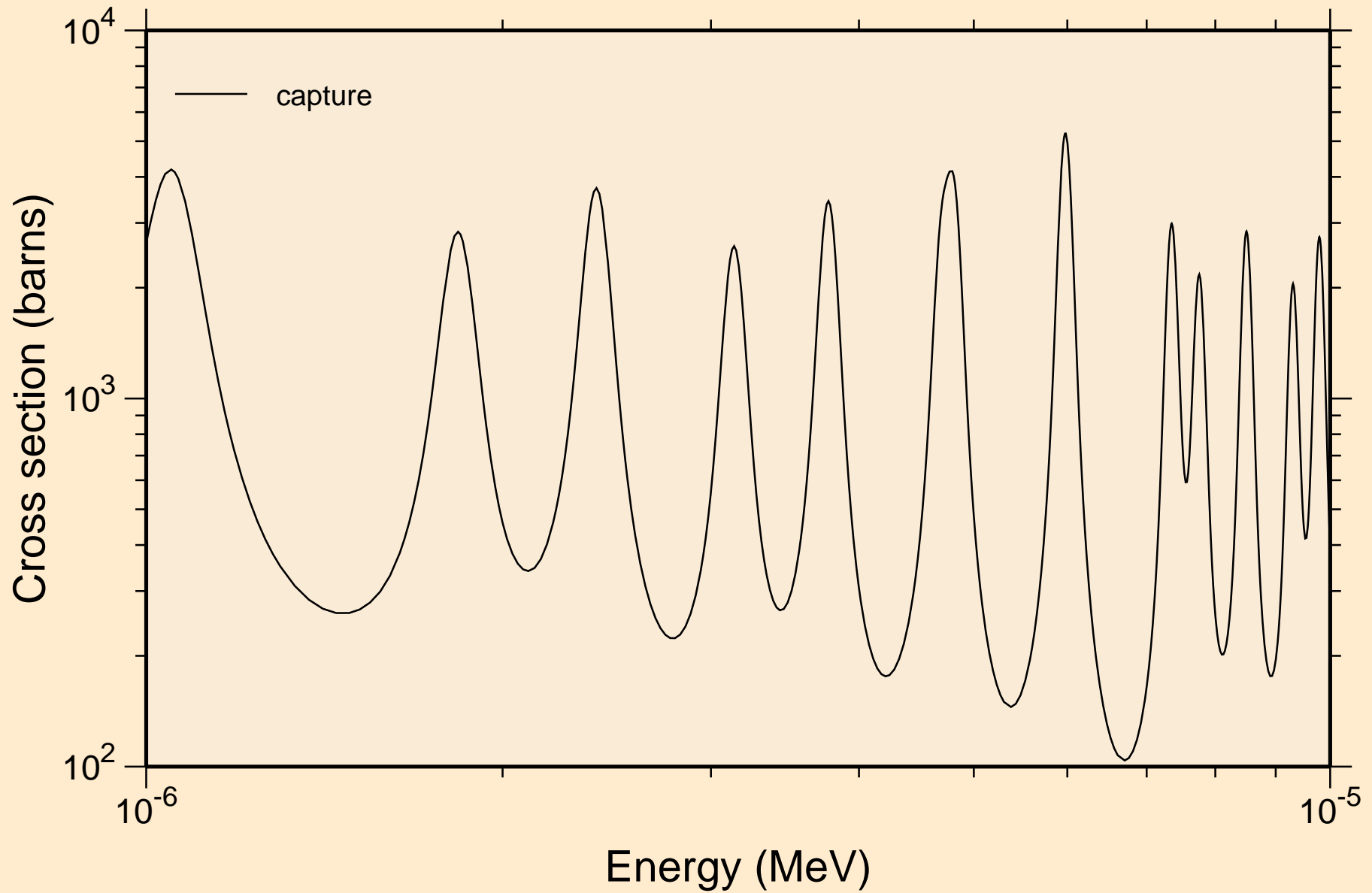
YB165 NRG TENDL-2015, AKONING  
resonance total cross section



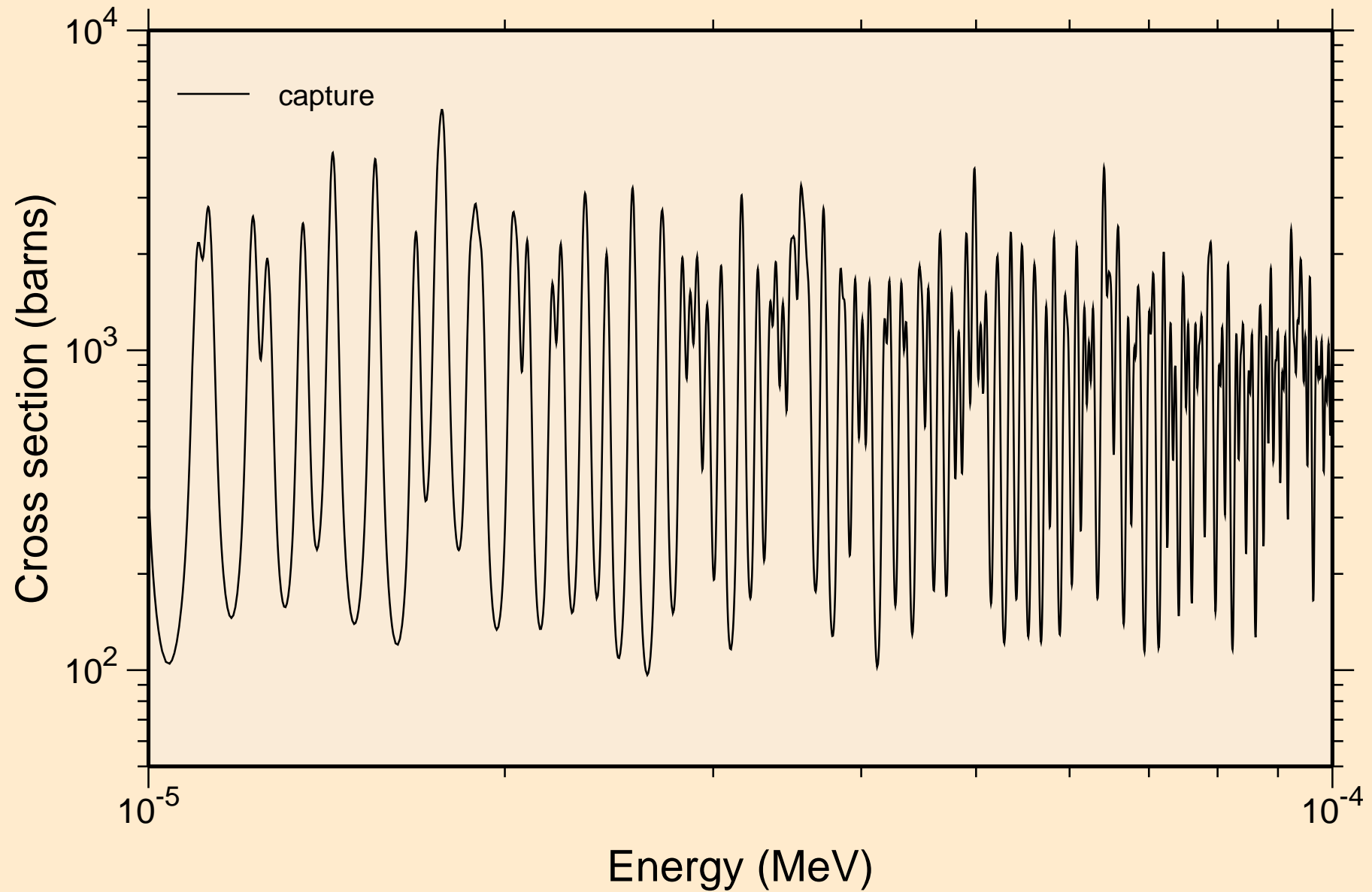
YB165 NRG TENDL-2015, AKONING  
resonance total cross section



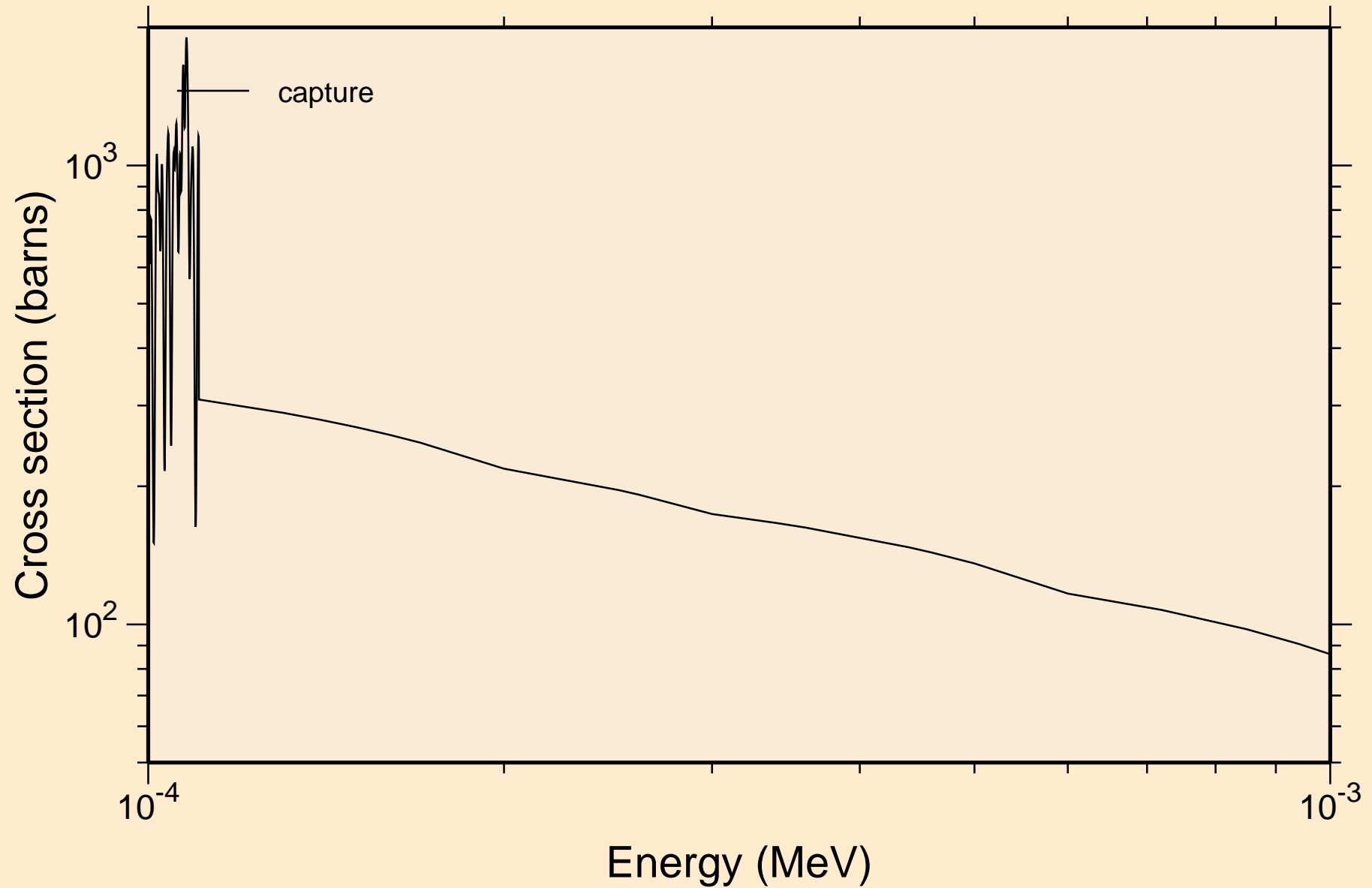
YB165 NRG TENDL-2015, AKONING  
resonance absorption cross sections



YB165 NRG TENDL-2015, AKONING  
resonance absorption cross sections

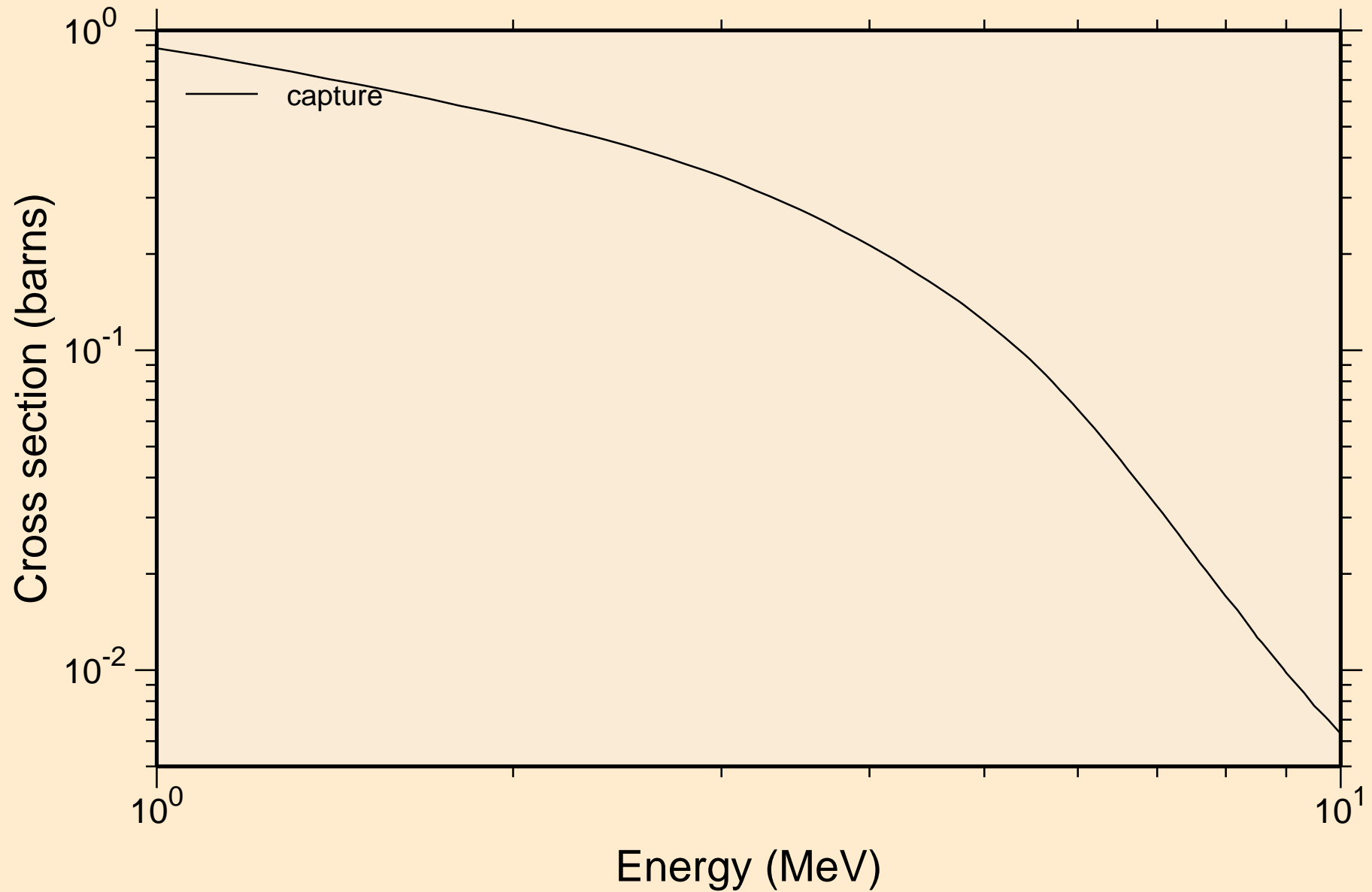


YB165 NRG TENDL-2015, AKONING  
resonance absorption cross sections



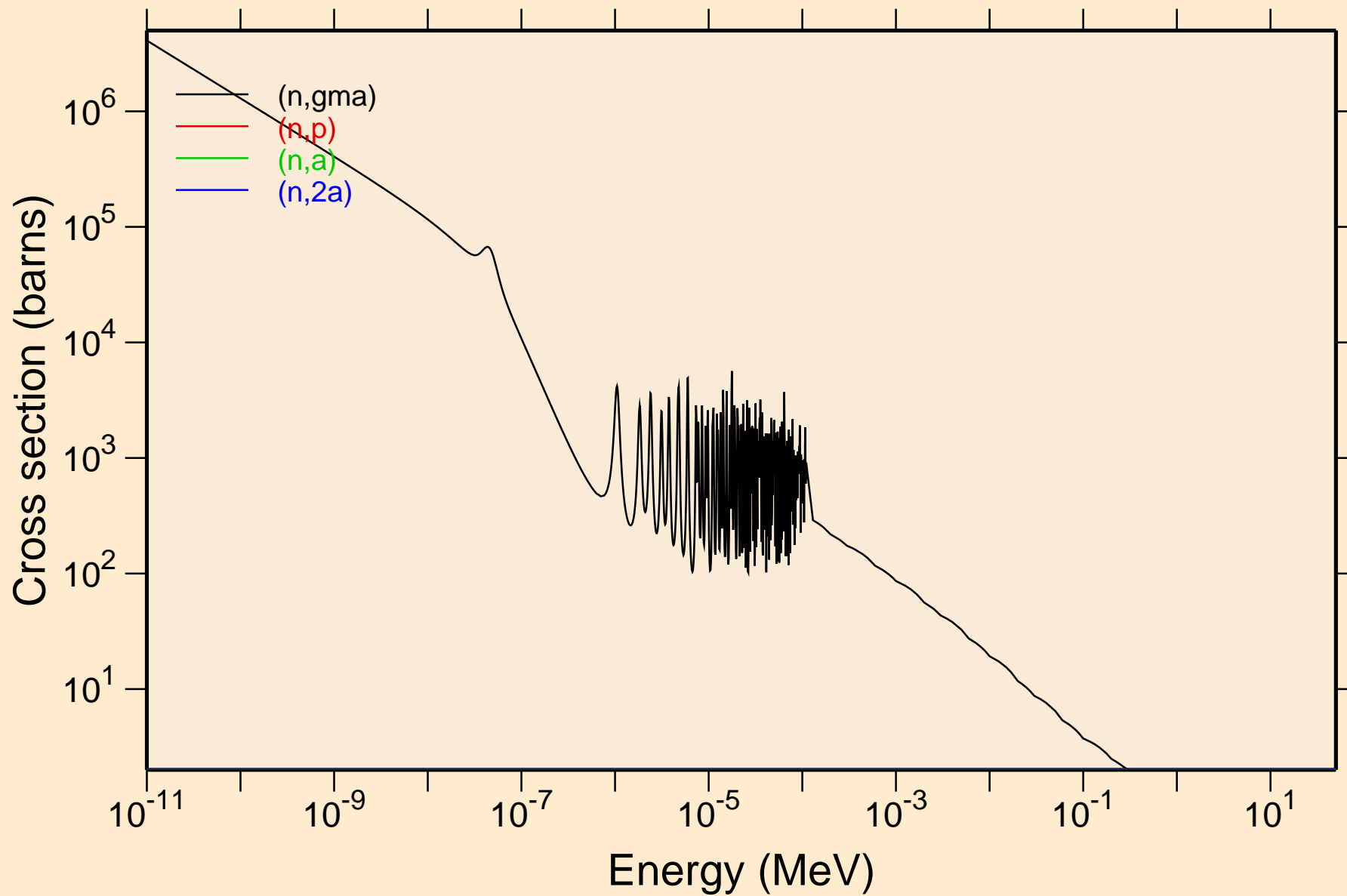


YB165 NRG TENDL-2015, AKONING  
resonance absorption cross sections



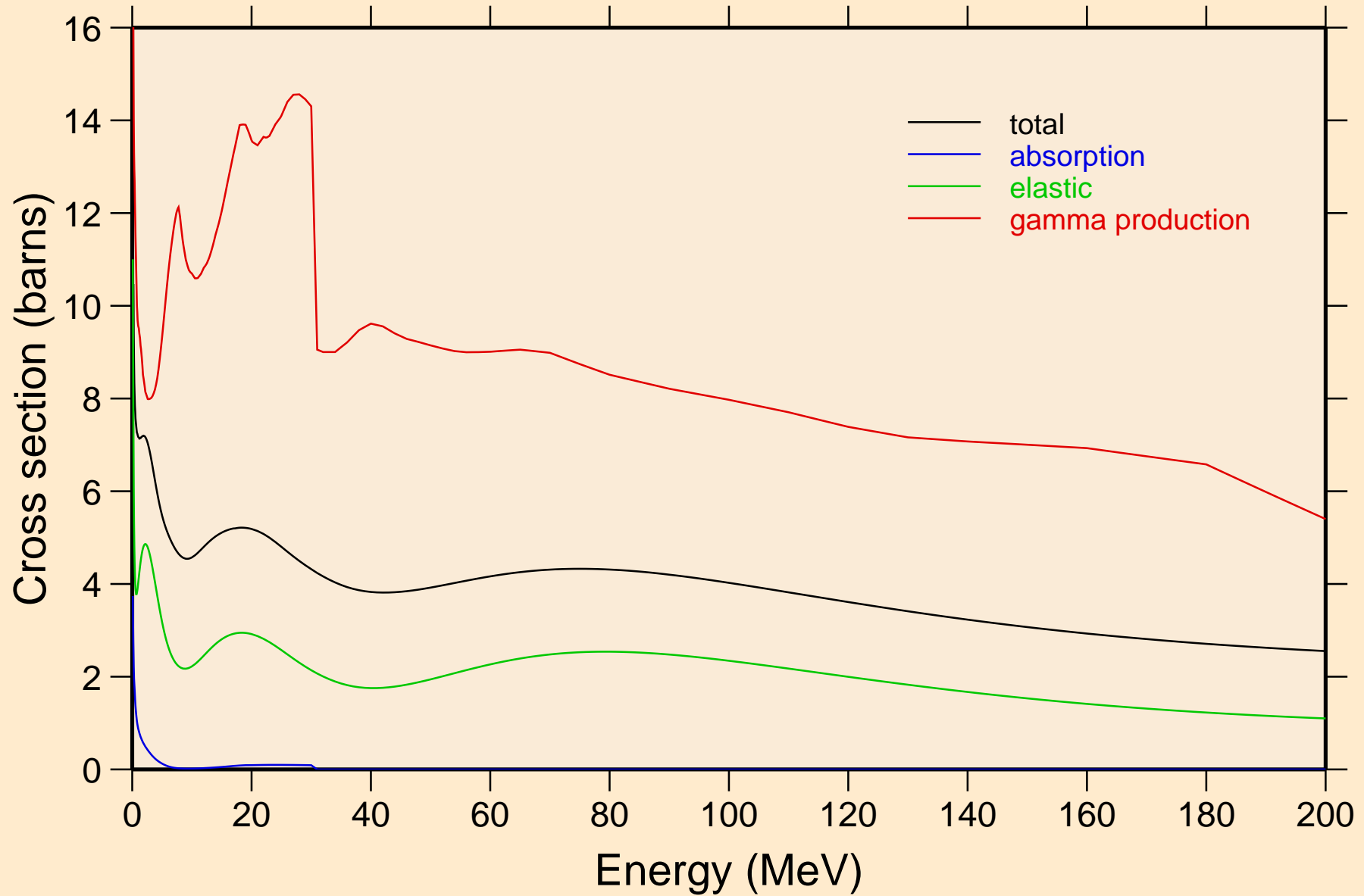
# YB165 NRG TENDL-2015, AKONING

## Non-threshold reactions



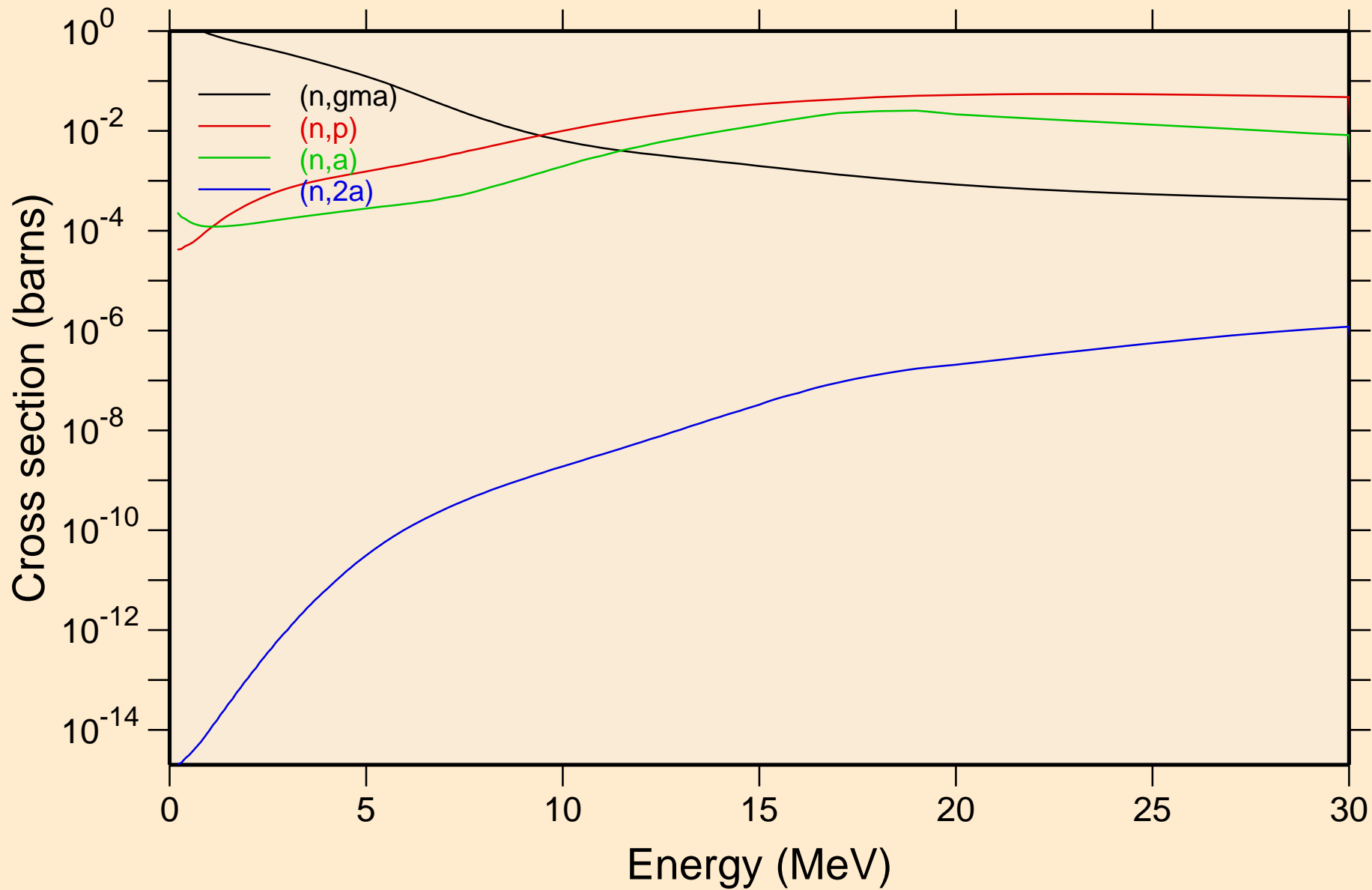
# YB165 NRG TENDL-2015, AKONING

## Principal cross sections



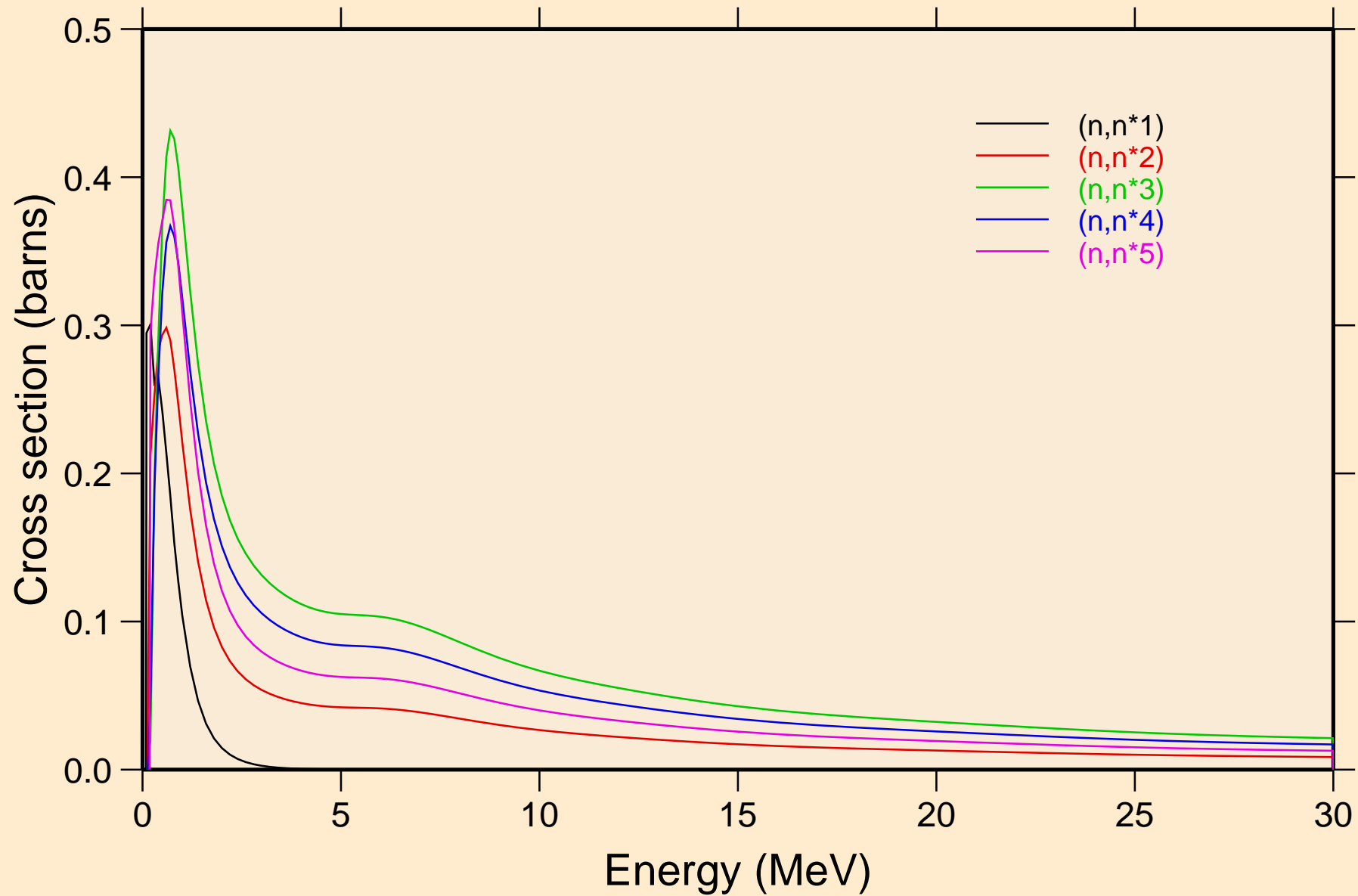
# YB165 NRG TENDL-2015, AKONING

## Non-threshold reactions



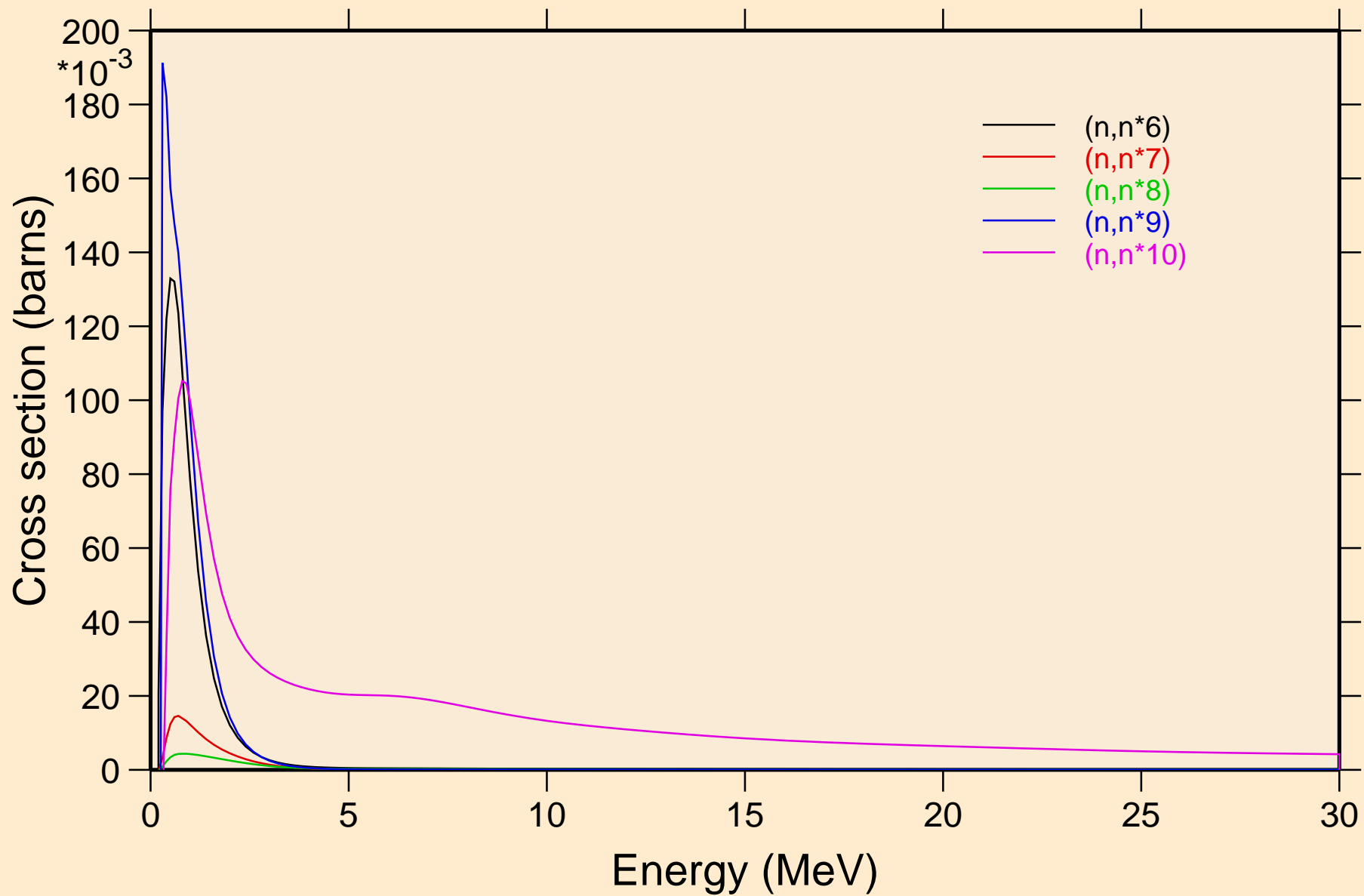
# YB165 NRG TENDL-2015, AKONING

## Inelastic levels



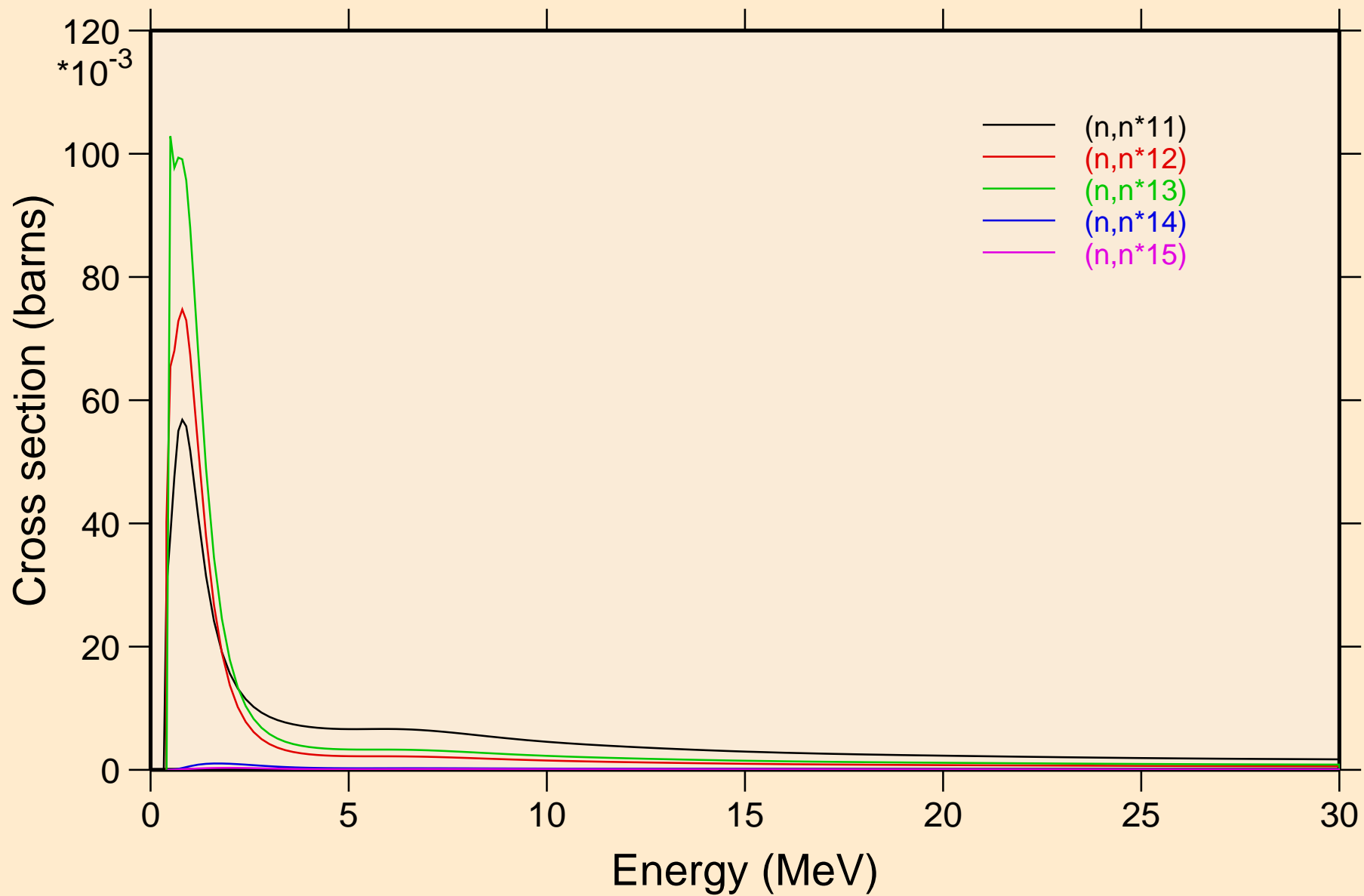
# YB165 NRG TENDL-2015, AKONING

## Inelastic levels



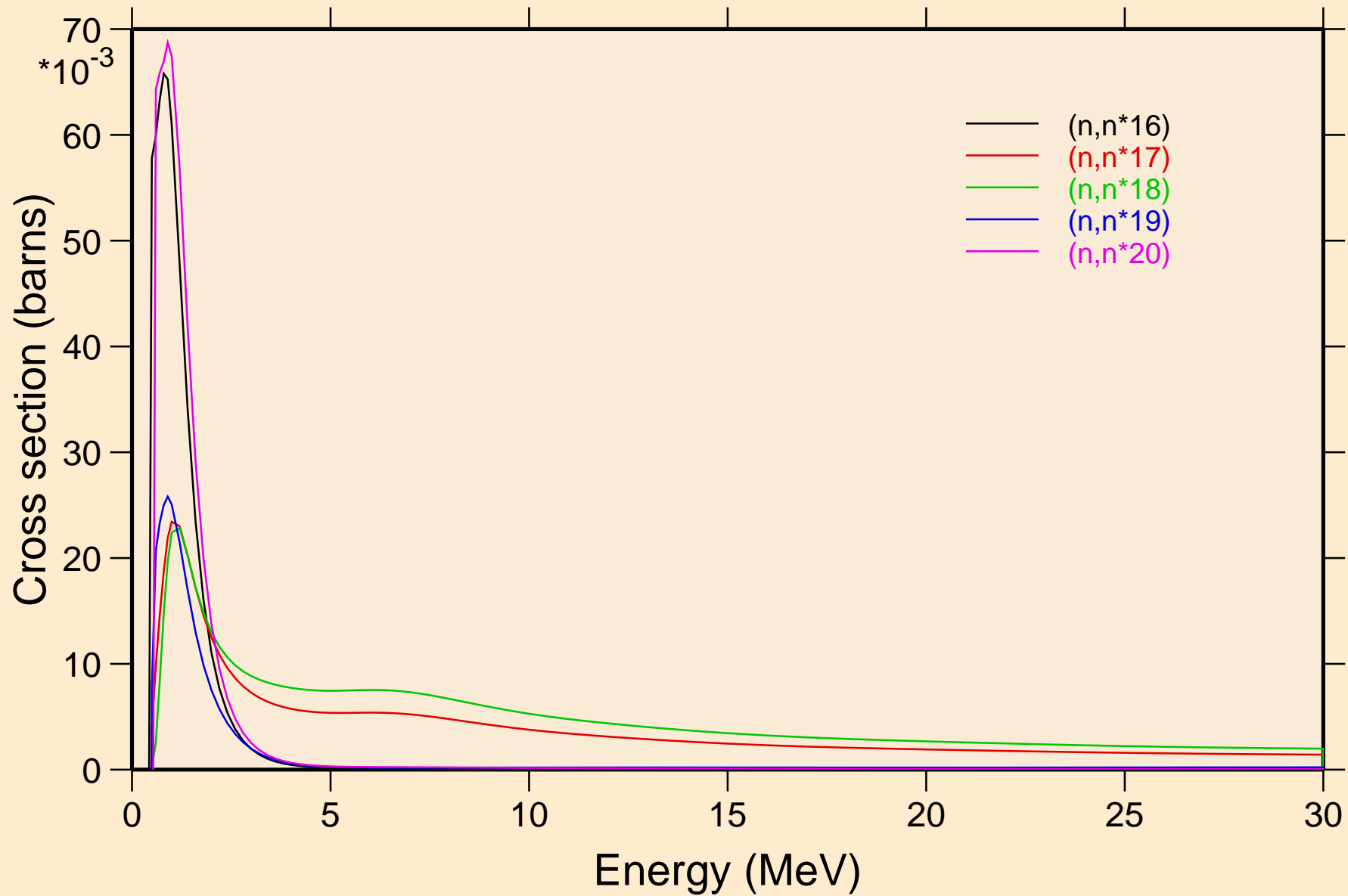
# YB165 NRG TENDL-2015, AKONING

## Inelastic levels



# YB165 NRG TENDL-2015, AKONING

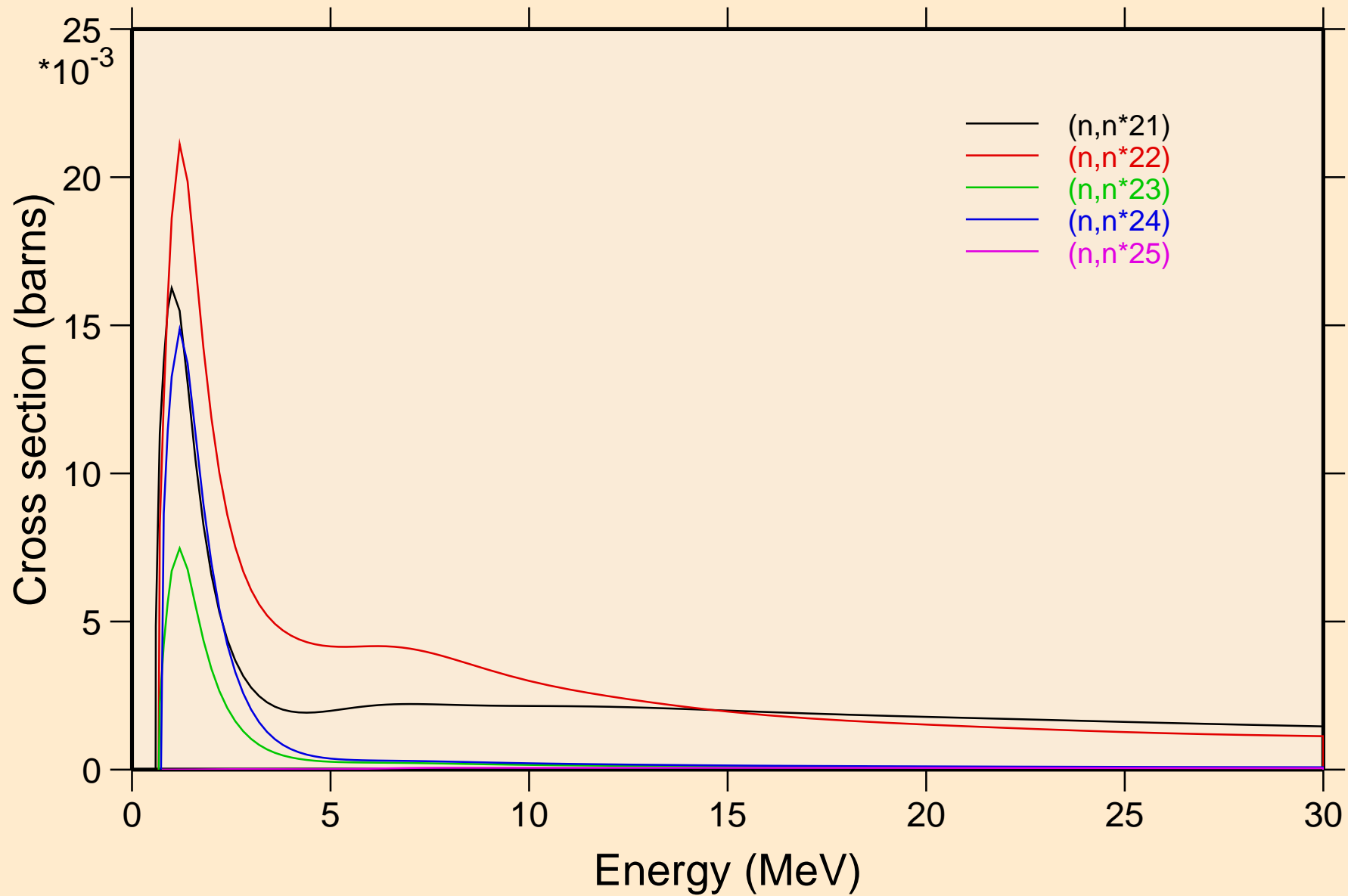
## Inelastic levels





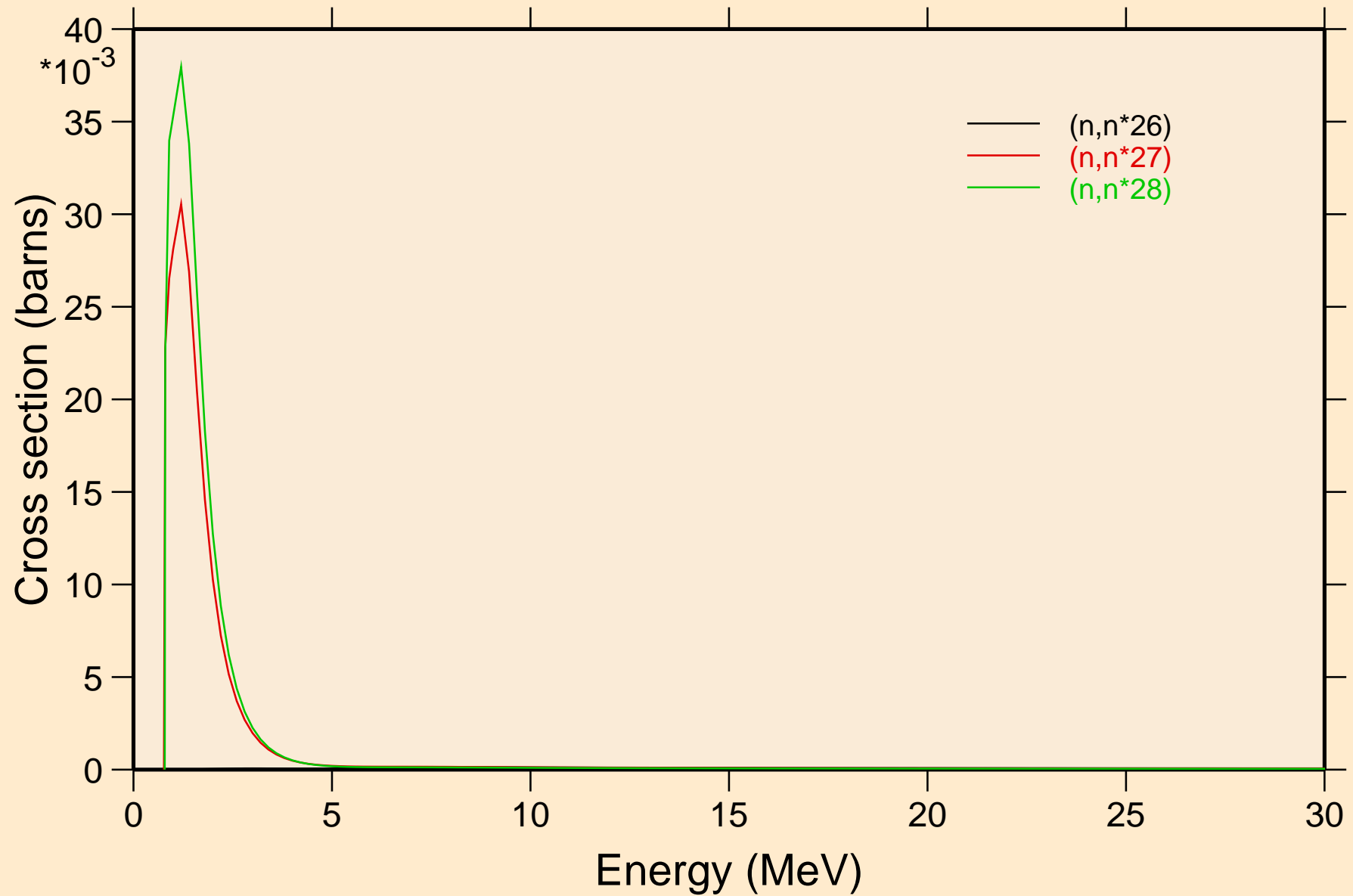
# YB165 NRG TENDL-2015, AKONING

## Inelastic levels



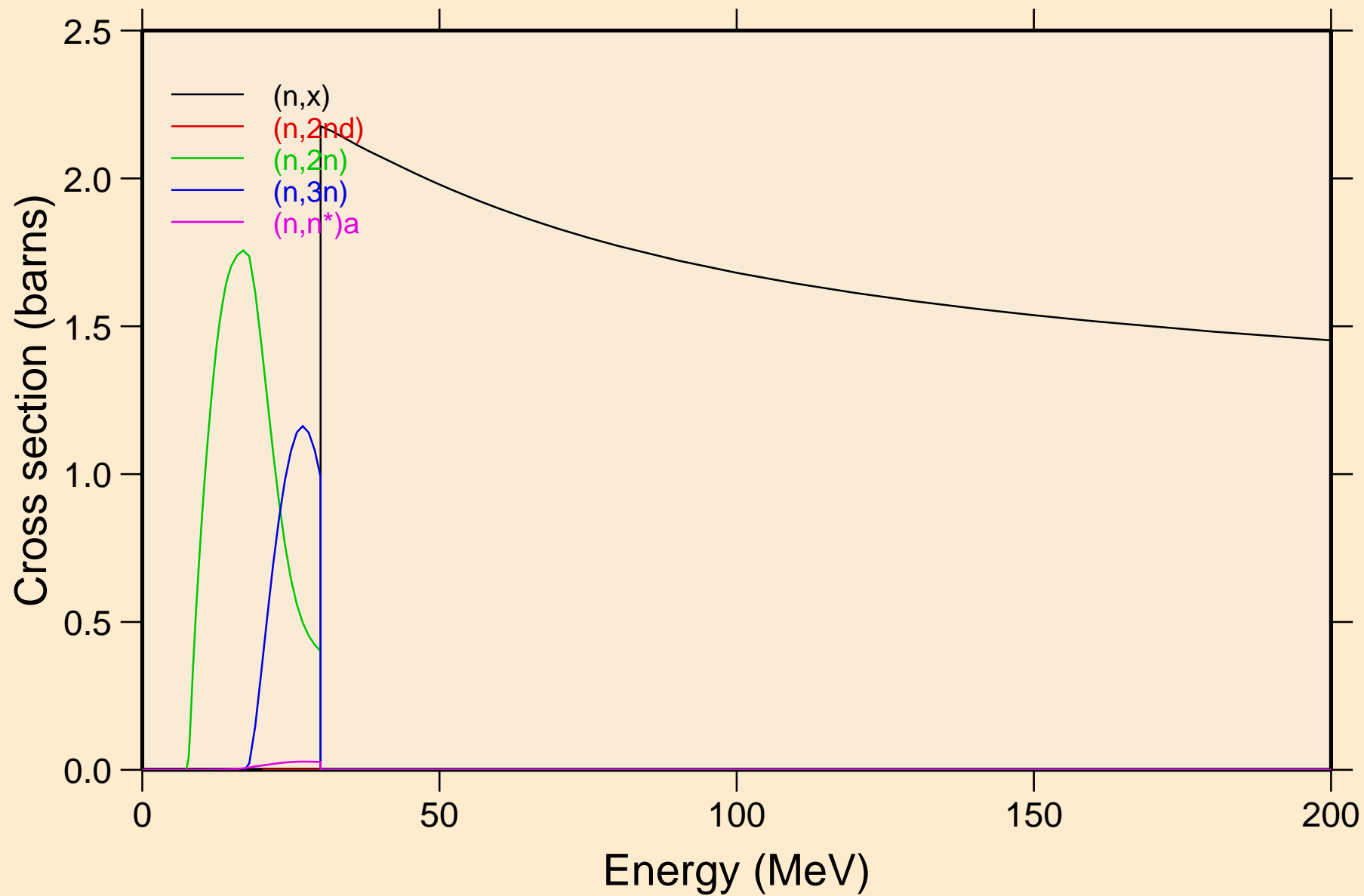
# YB165 NRG TENDL-2015, AKONING

## Inelastic levels



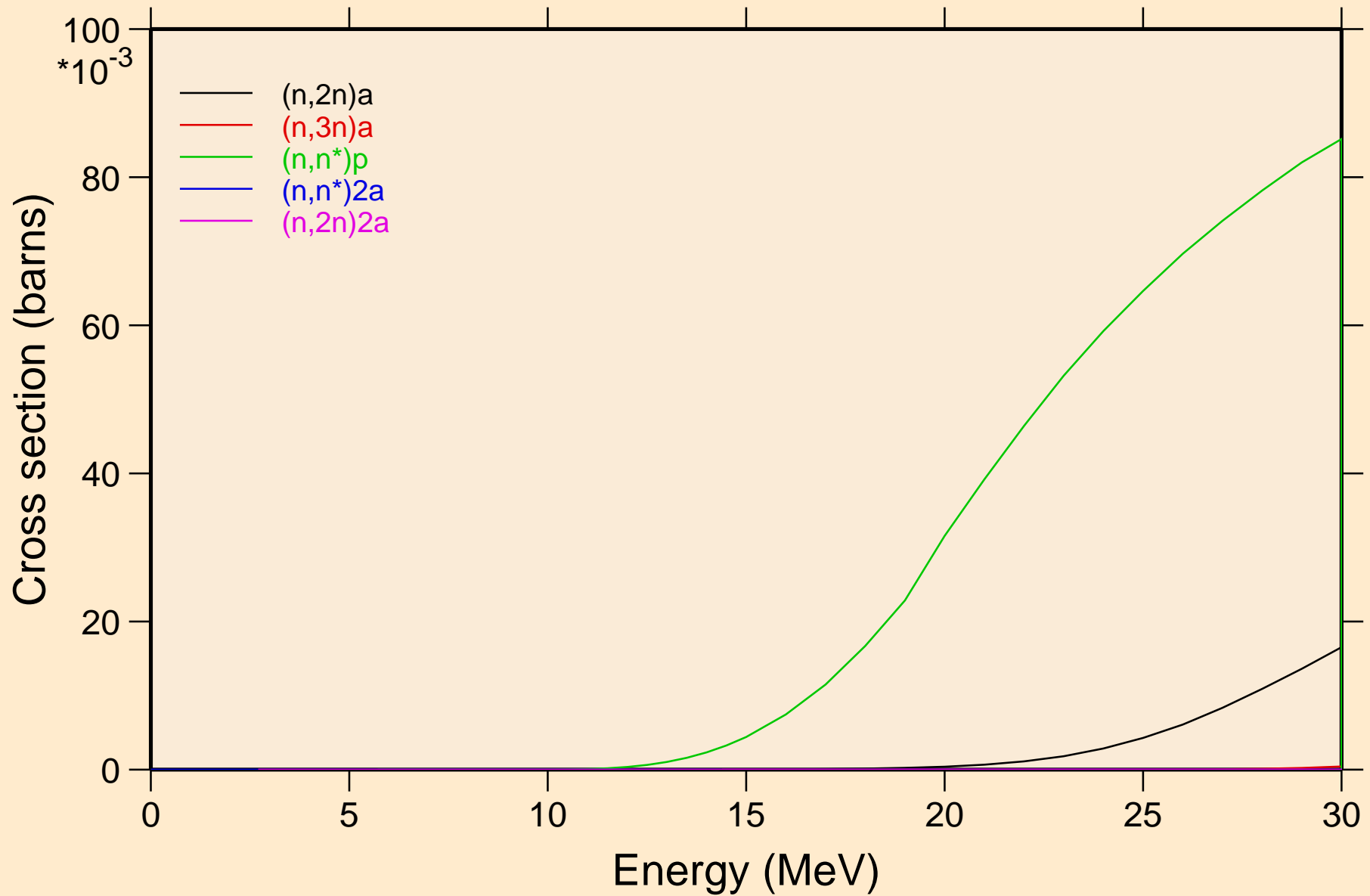
# YB165 NRG TENDL-2015, AKONING

## Threshold reactions



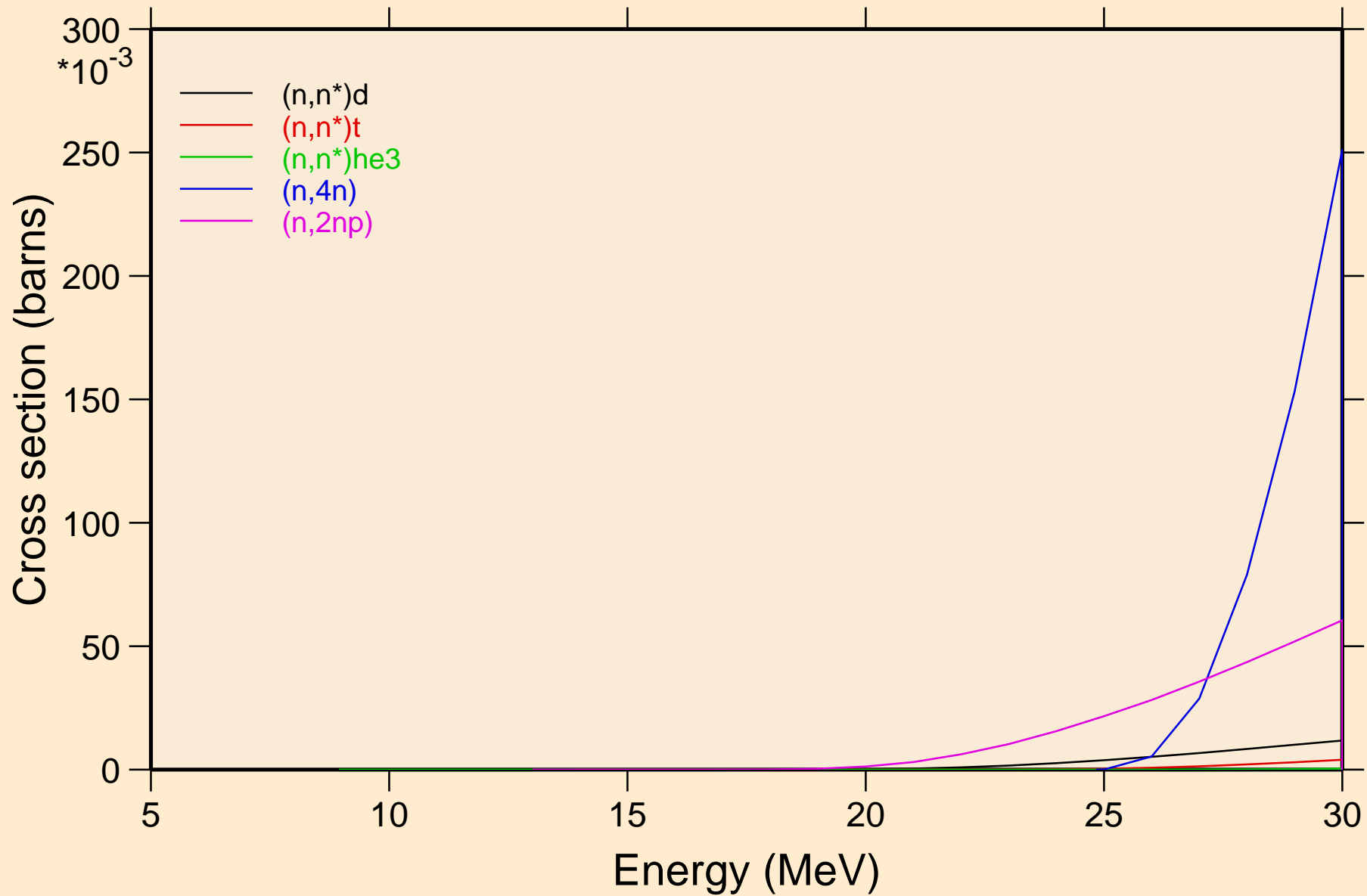
# YB165 NRG TENDL-2015, AKONING

## Threshold reactions



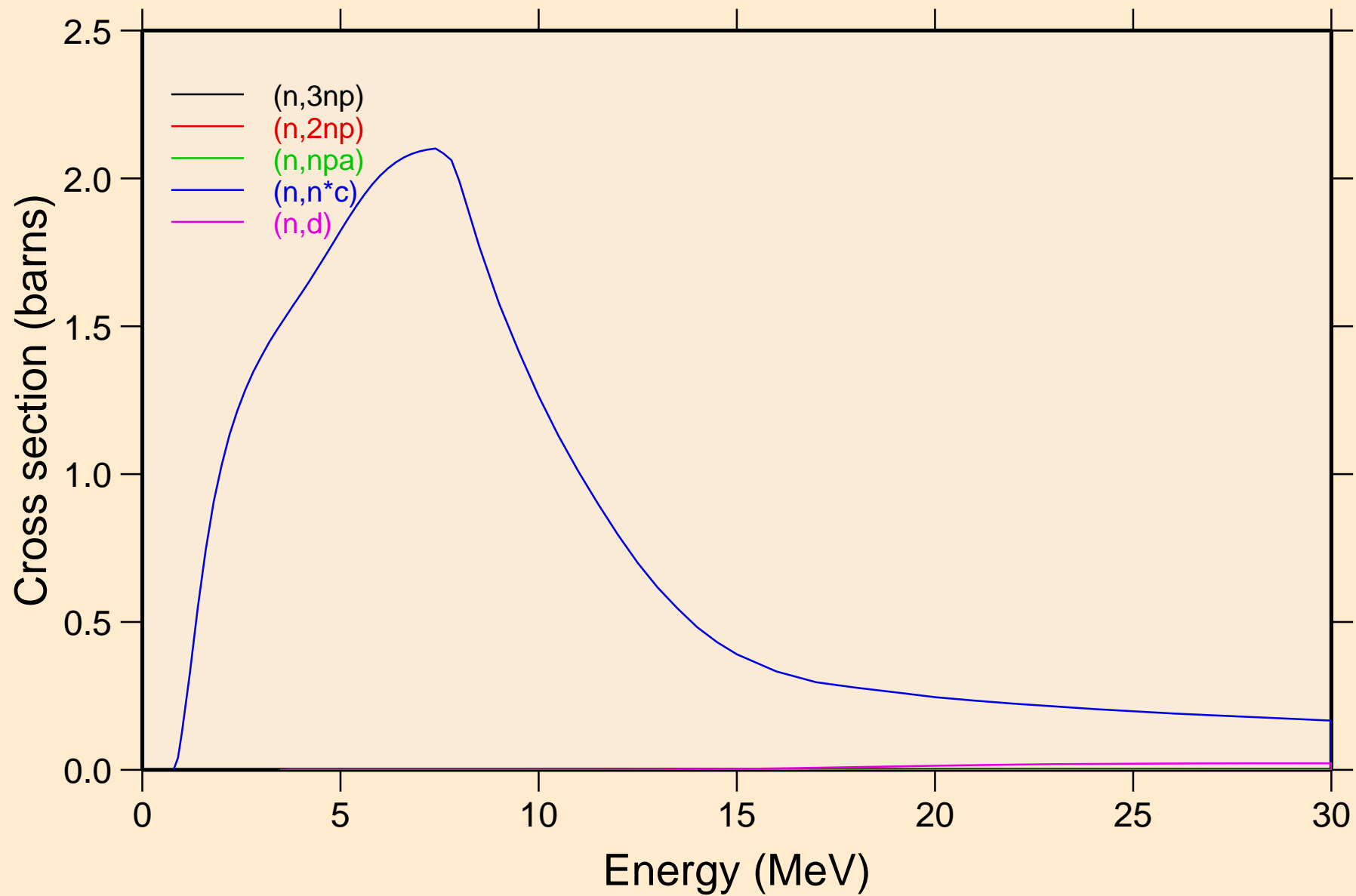
# YB165 NRG TENDL-2015, AKONING

## Threshold reactions



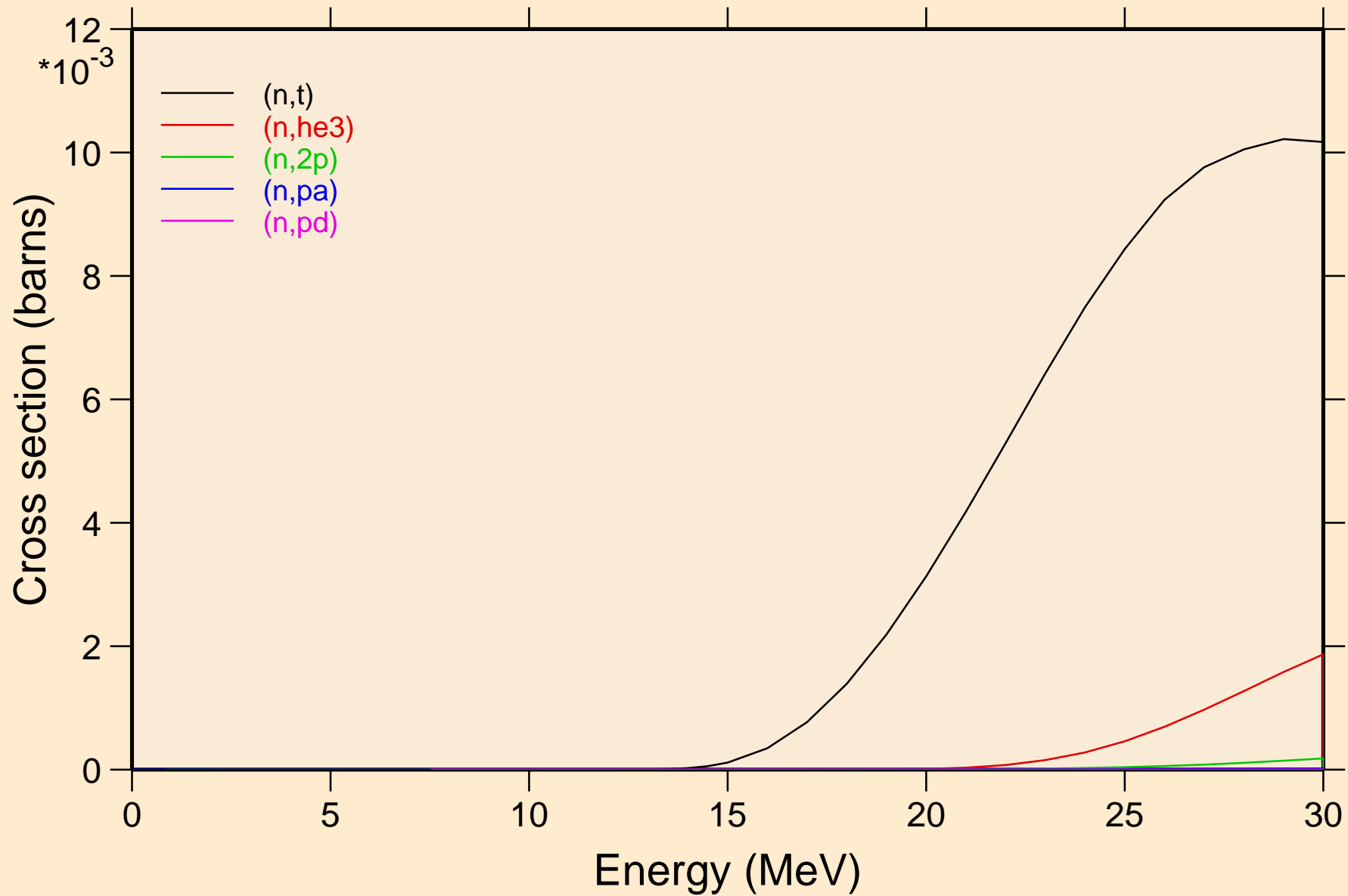
# YB165 NRG TENDL-2015, AKONING

## Threshold reactions



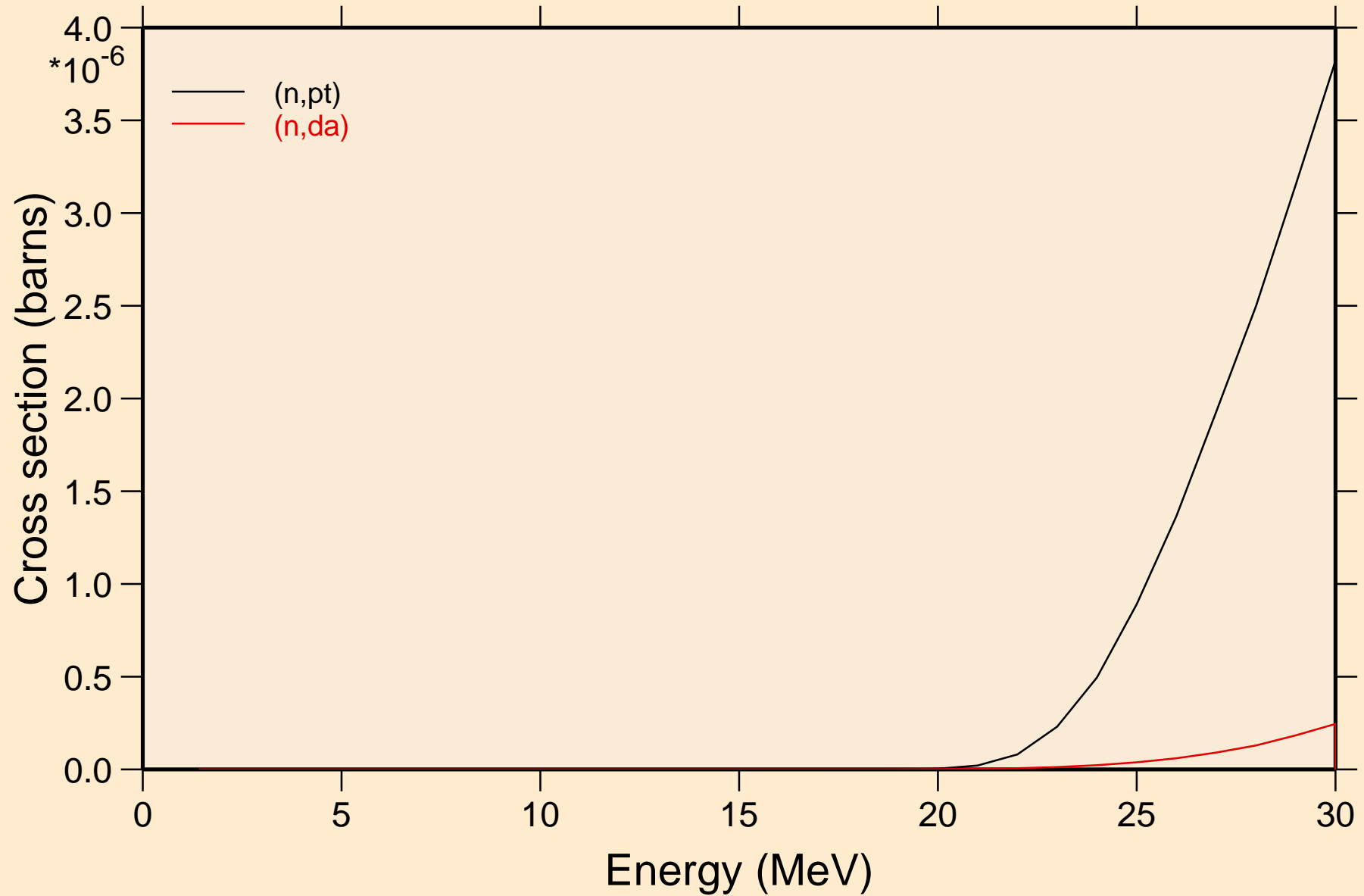
# YB165 NRG TENDL-2015, AKONING

## Threshold reactions



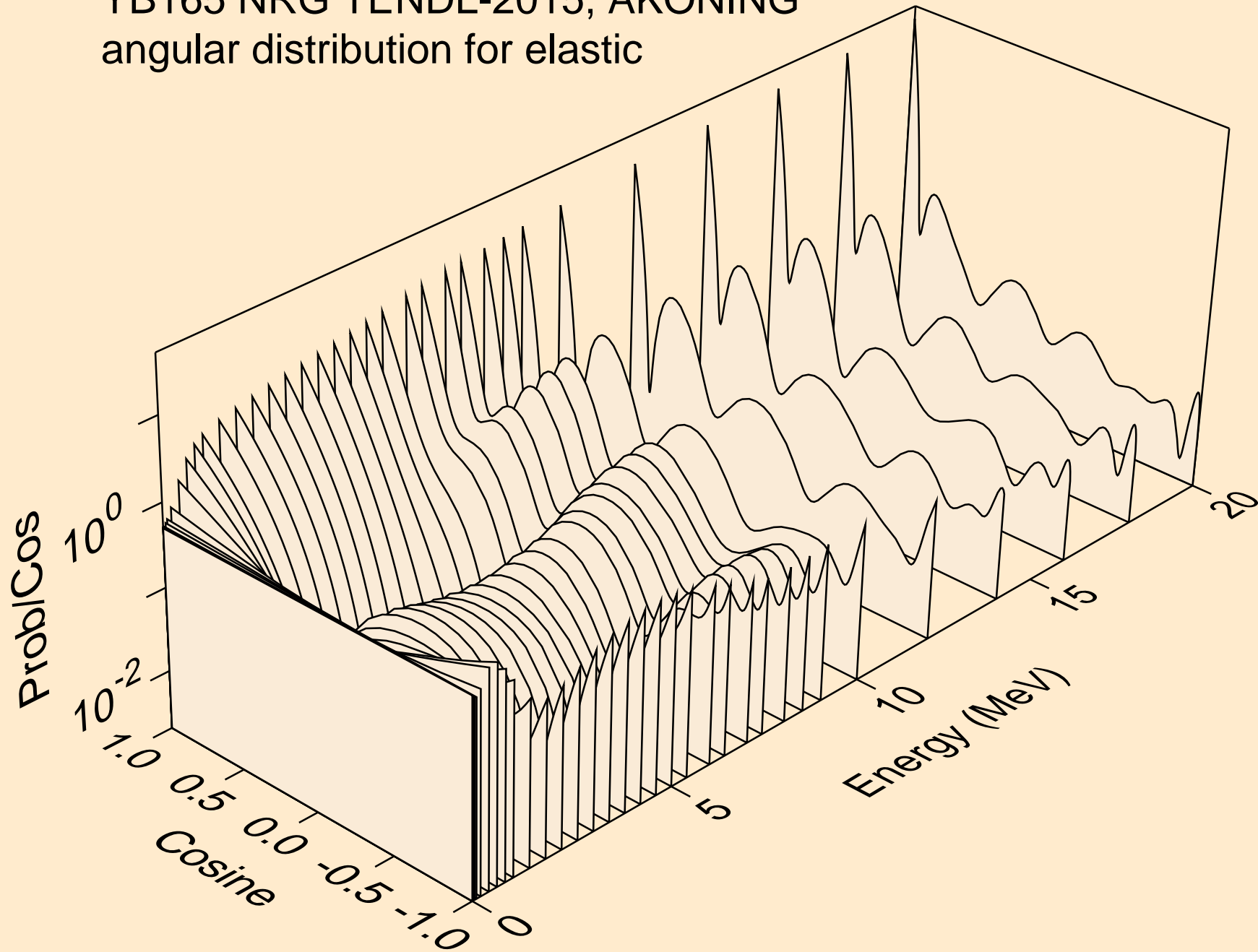
# YB165 NRG TENDL-2015, AKONING

## Threshold reactions

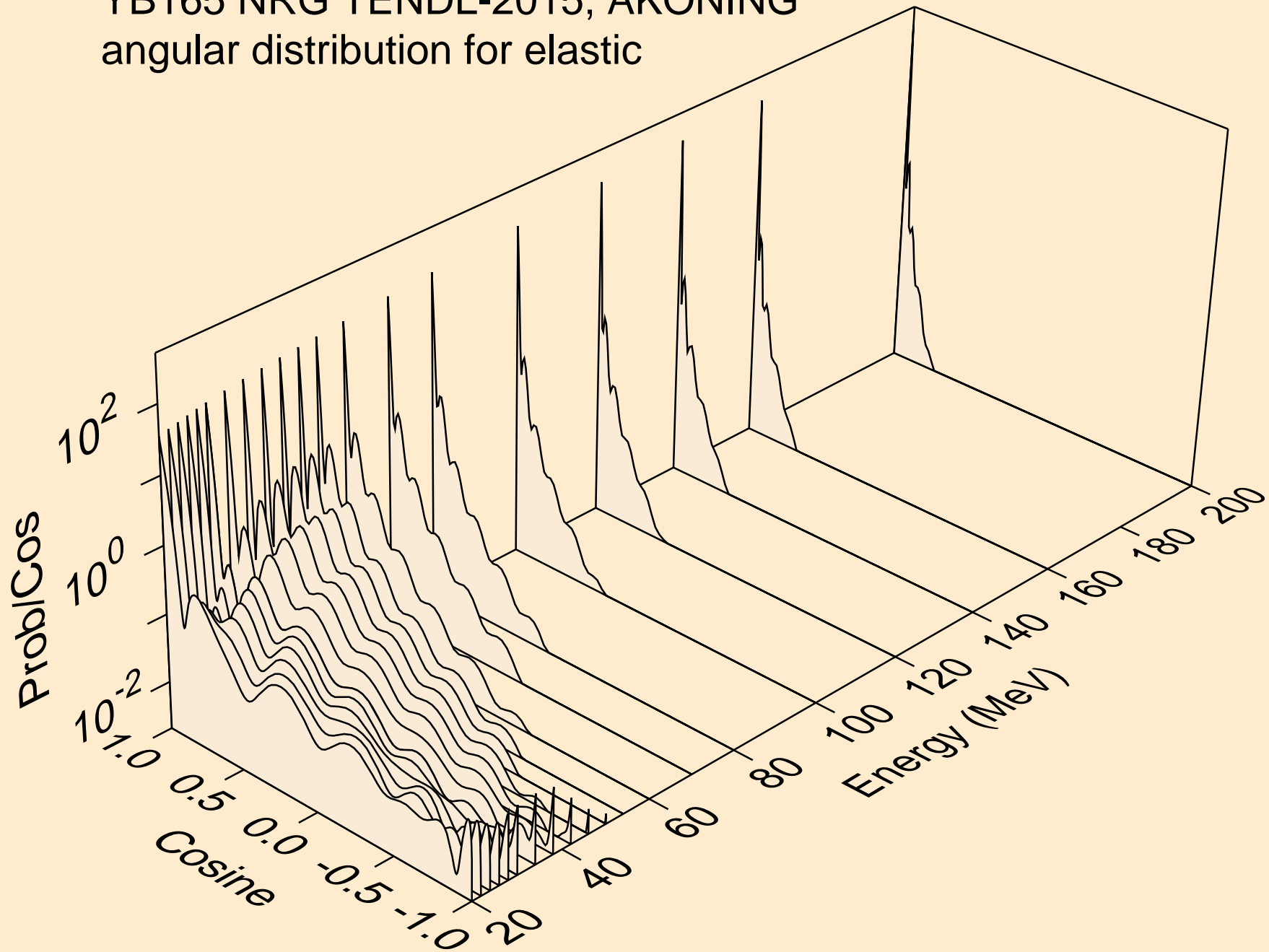




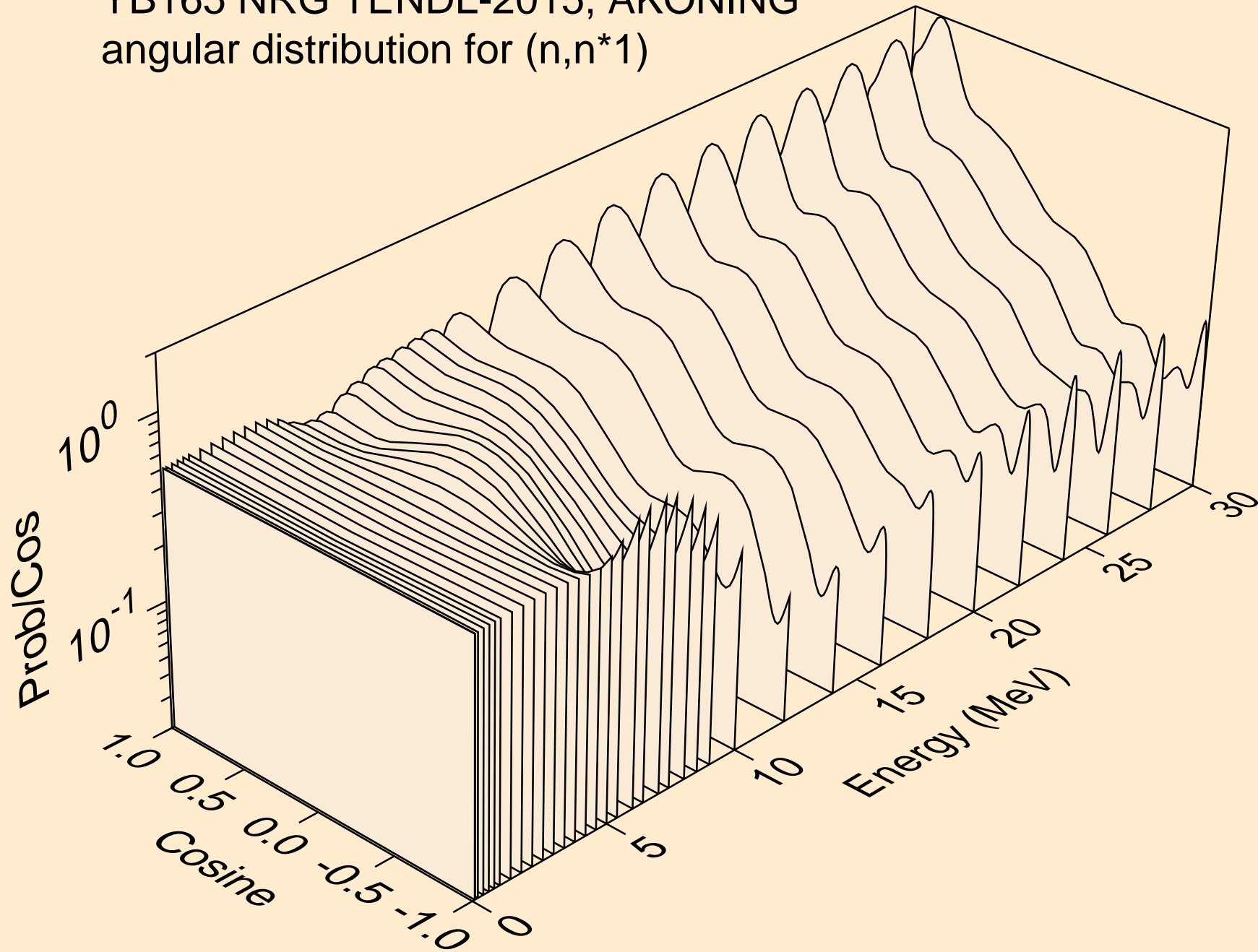
YB165 NRG TENDL-2015, AKONING  
angular distribution for elastic



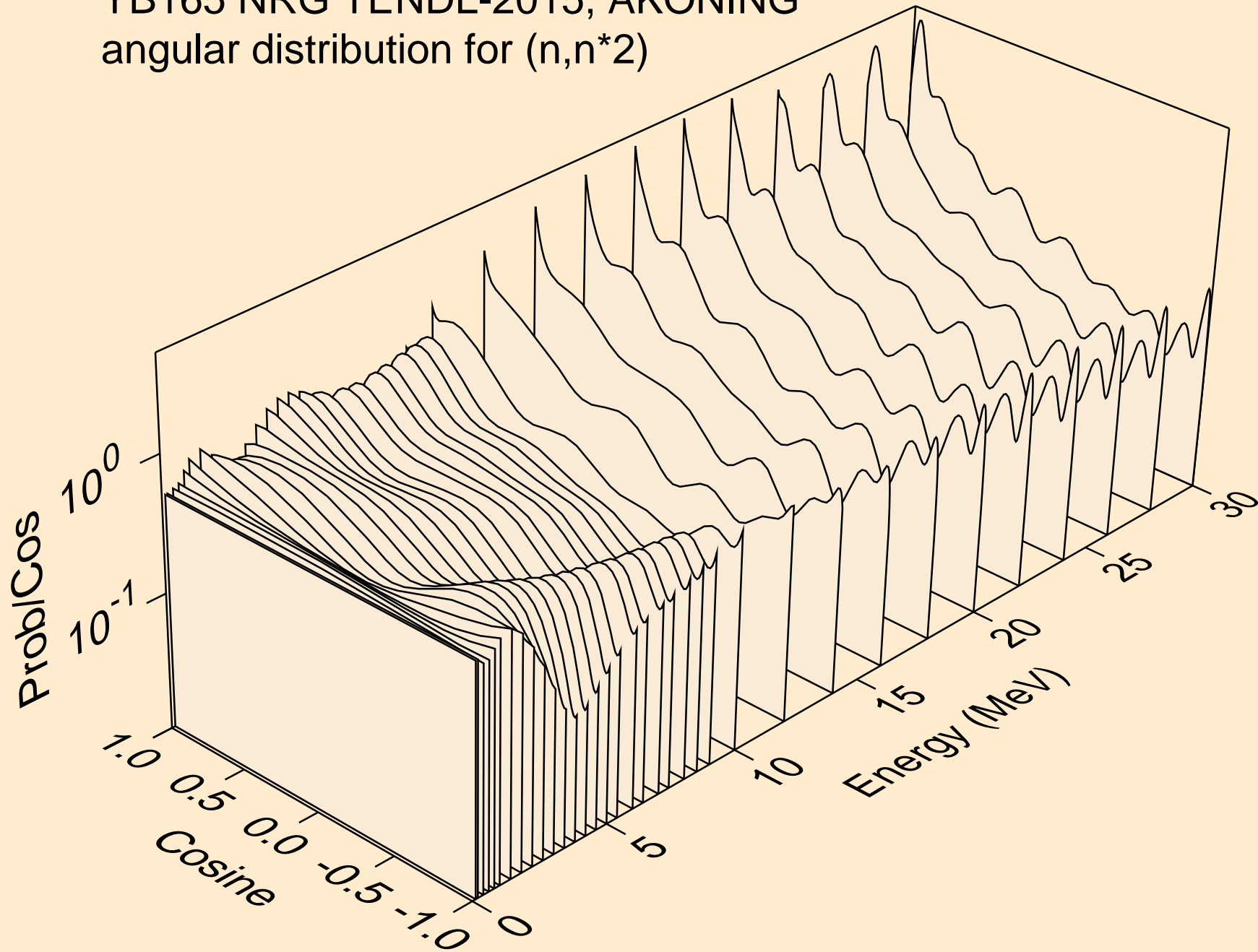
YB165 NRG TENDL-2015, AKONING  
angular distribution for elastic



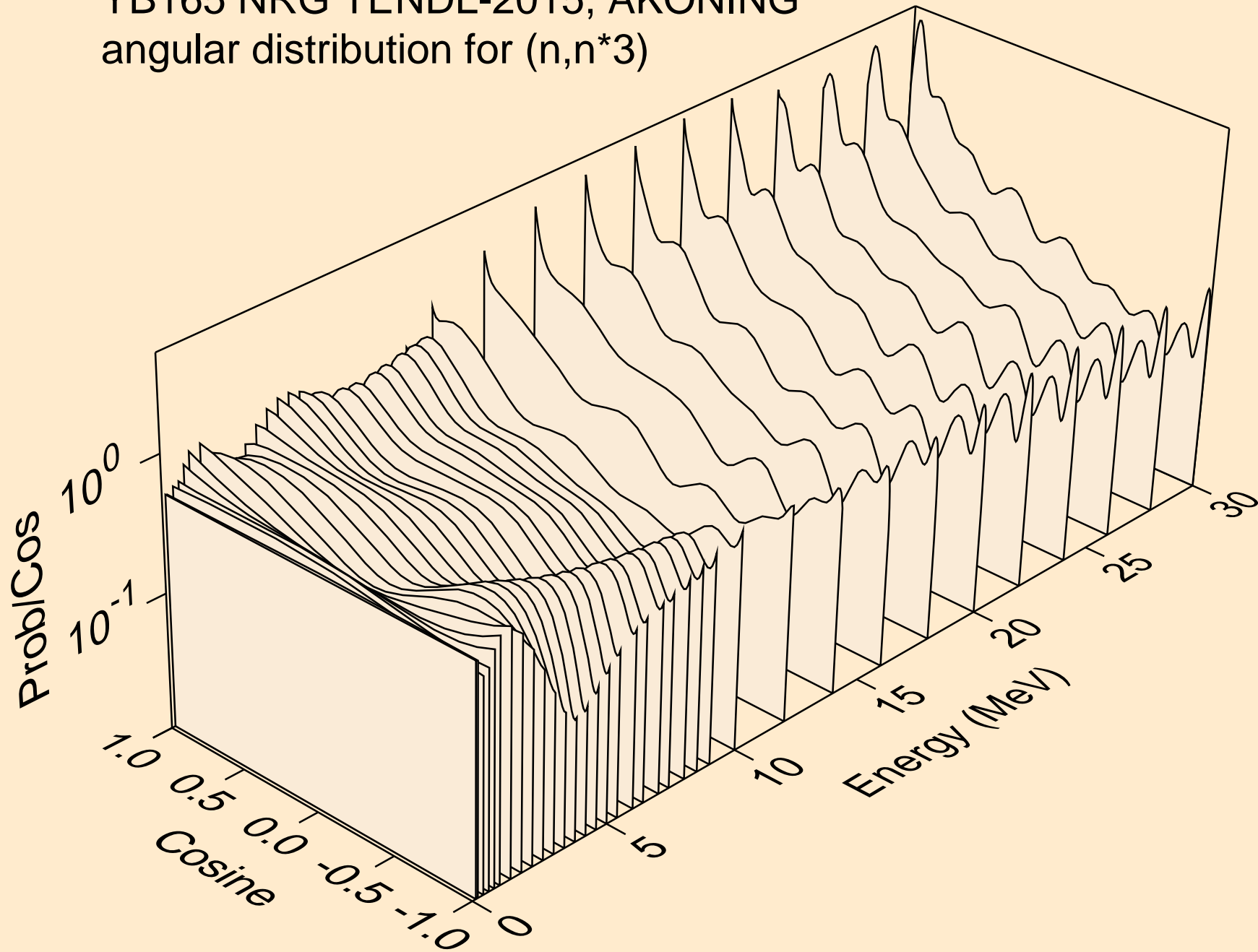
YB165 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



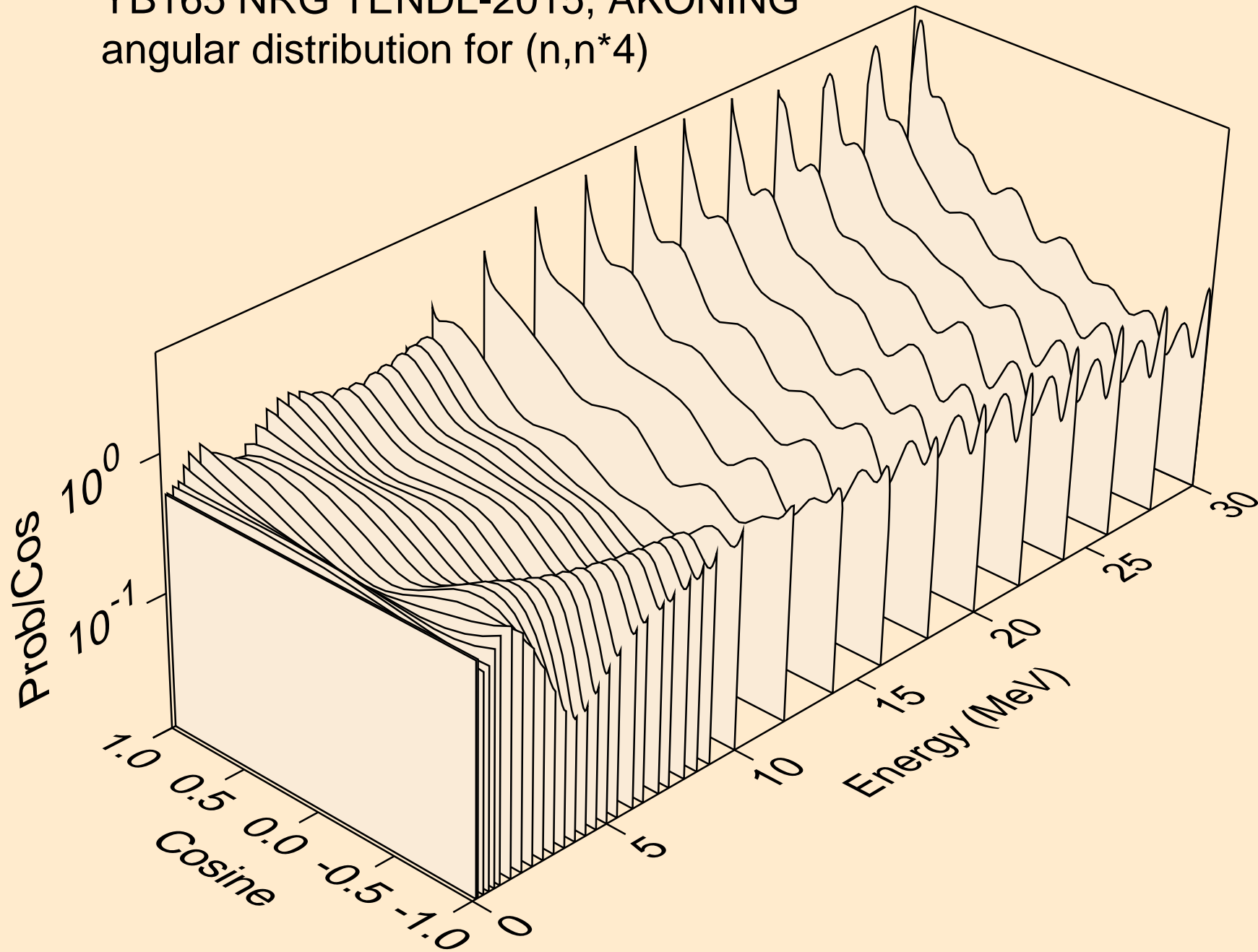
YB165 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



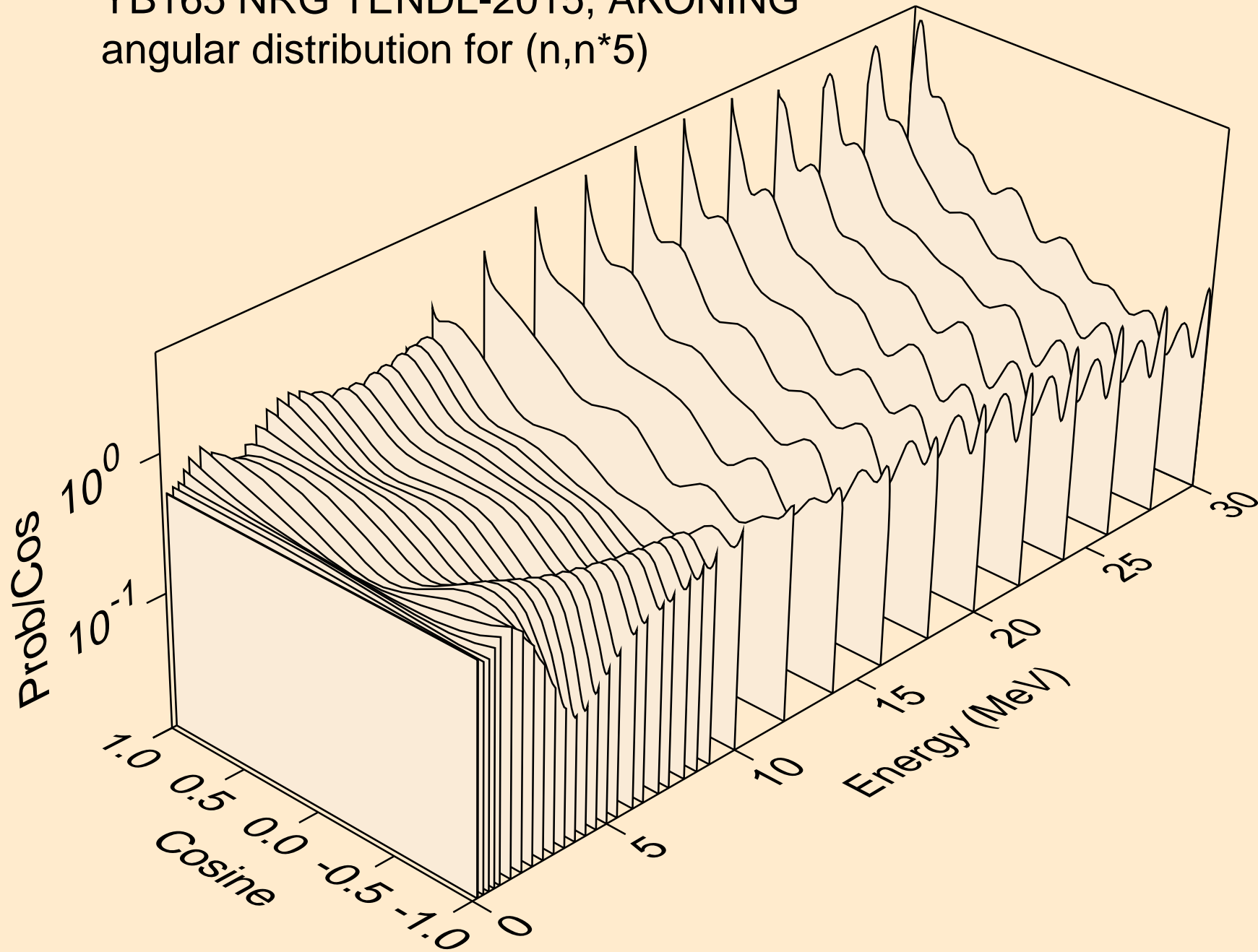
YB165 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



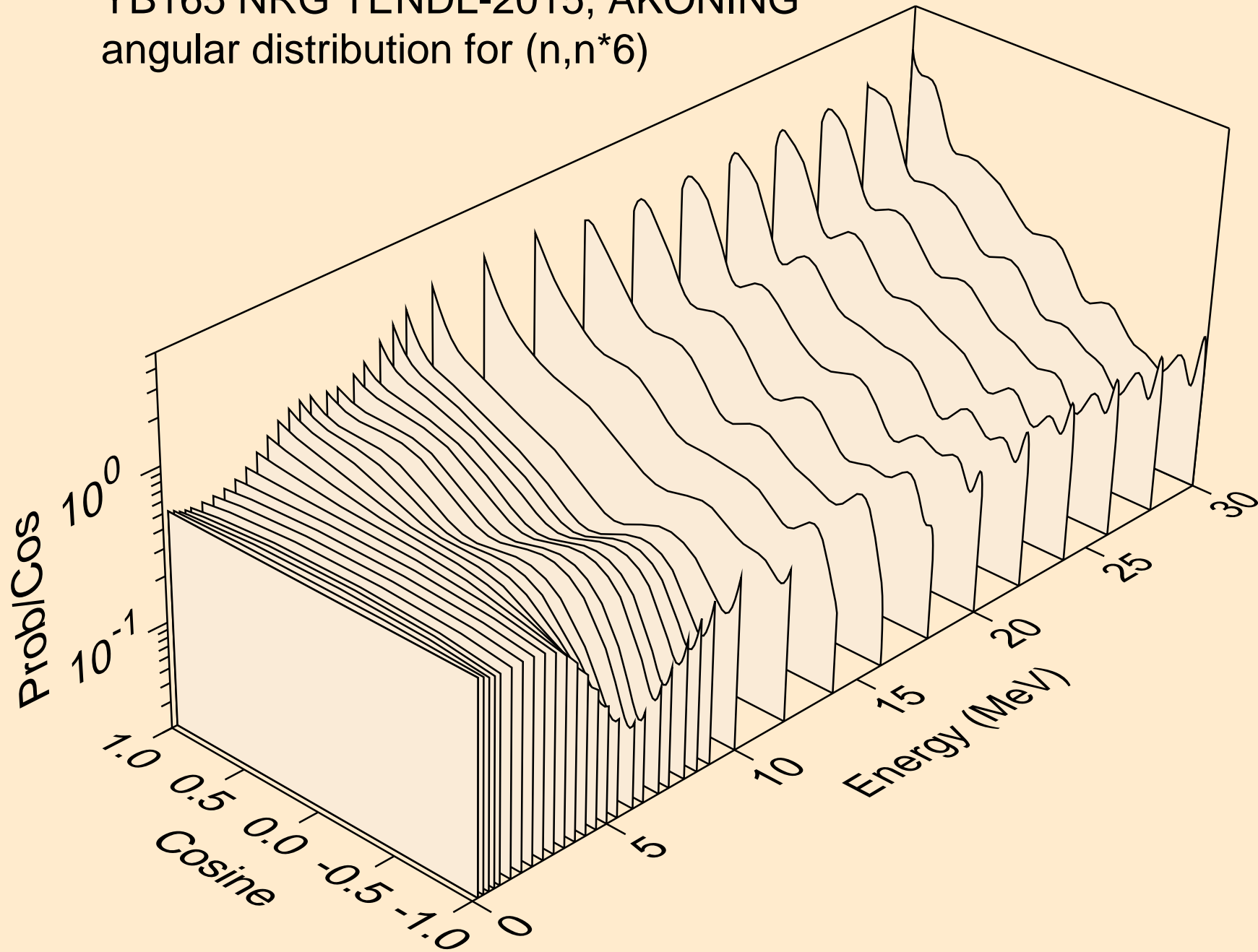
YB165 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



YB165 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

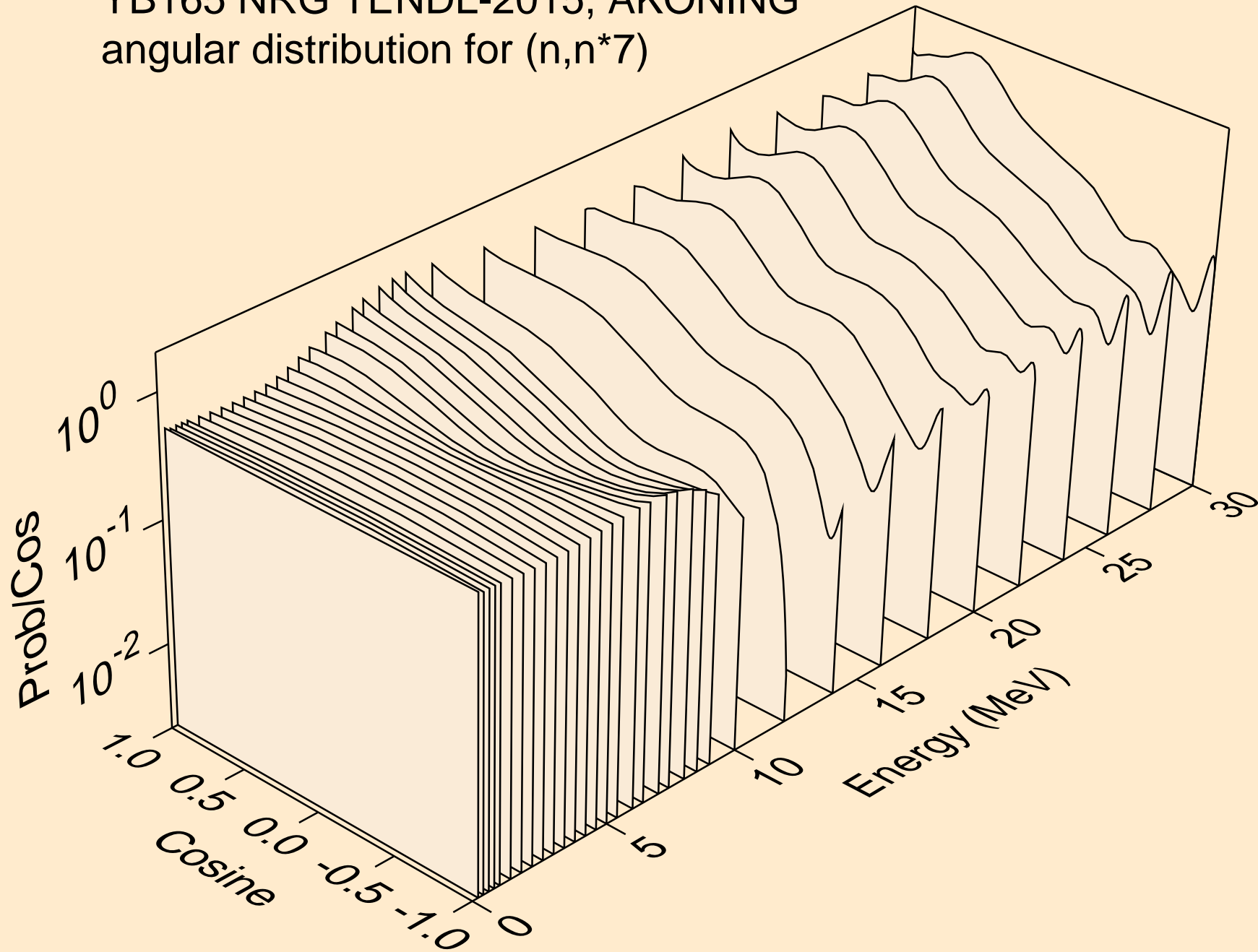


YB165 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

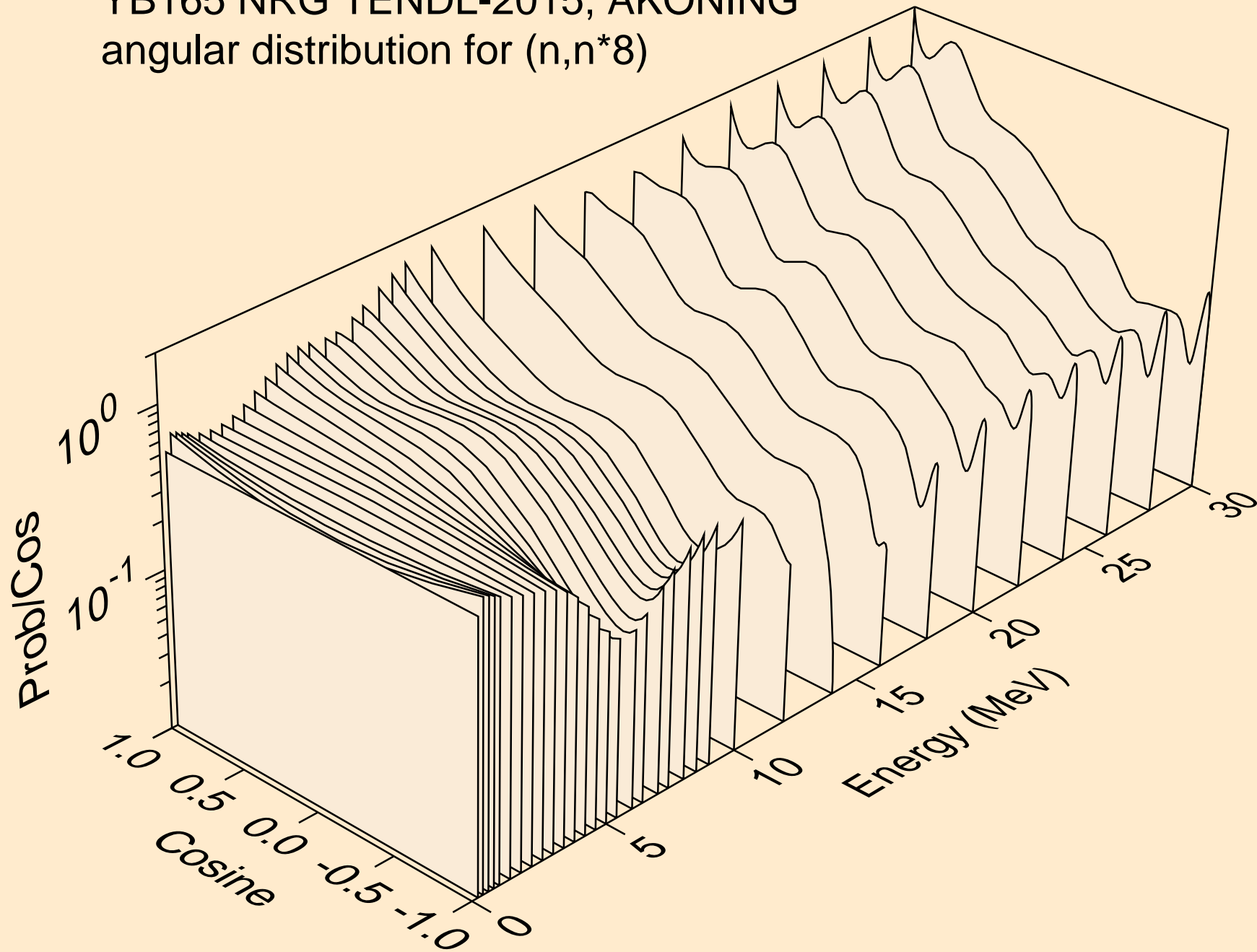




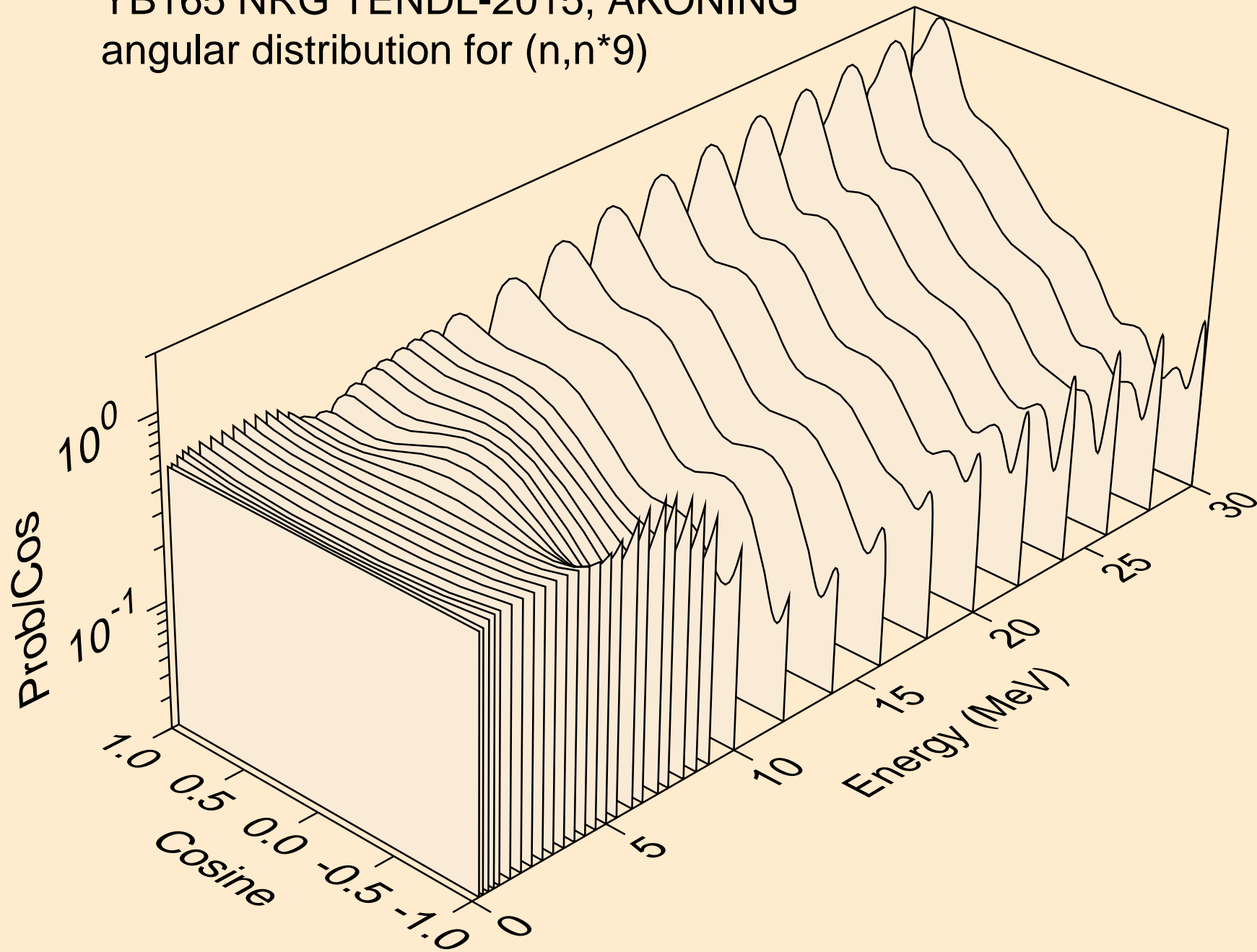
YB165 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



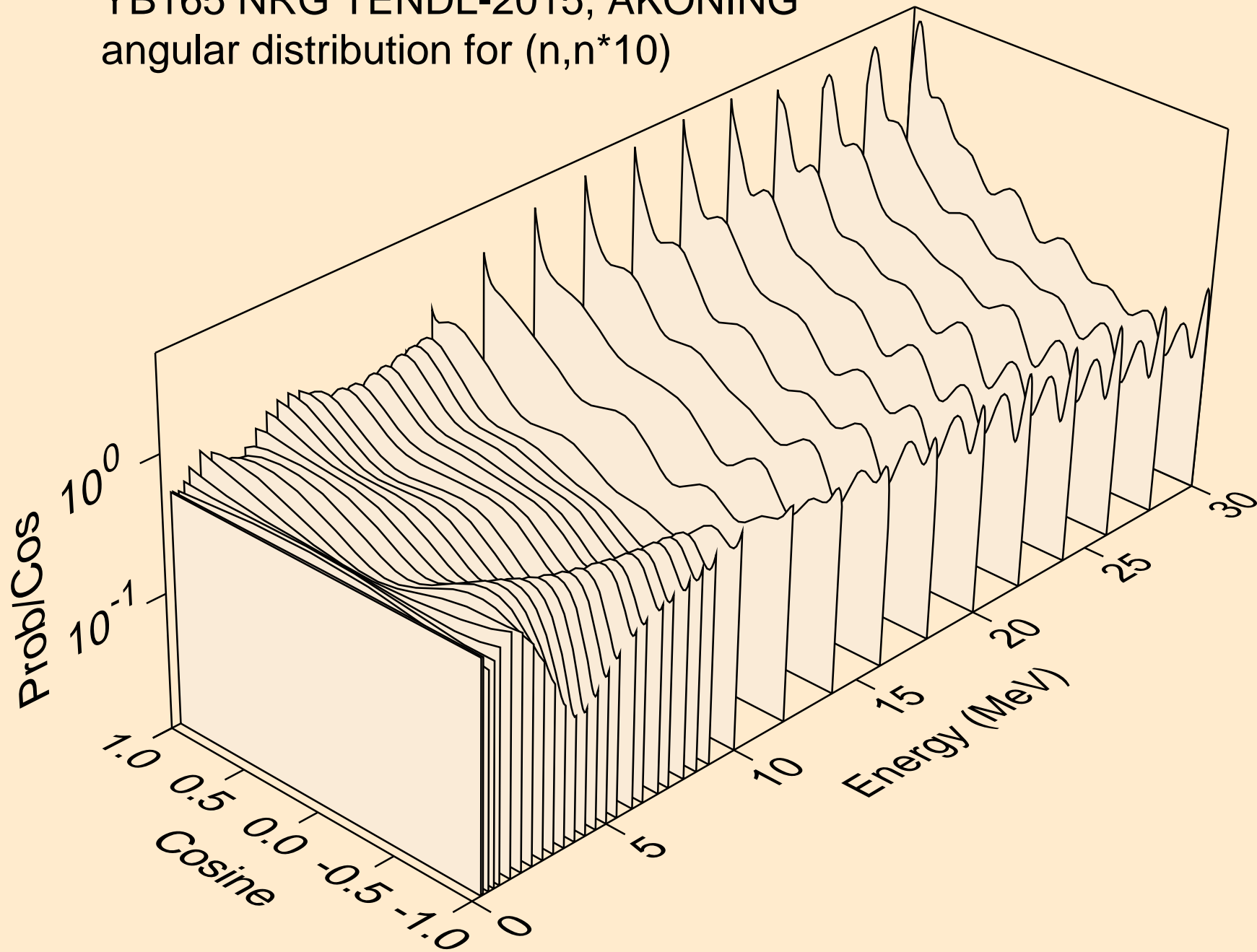
YB165 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



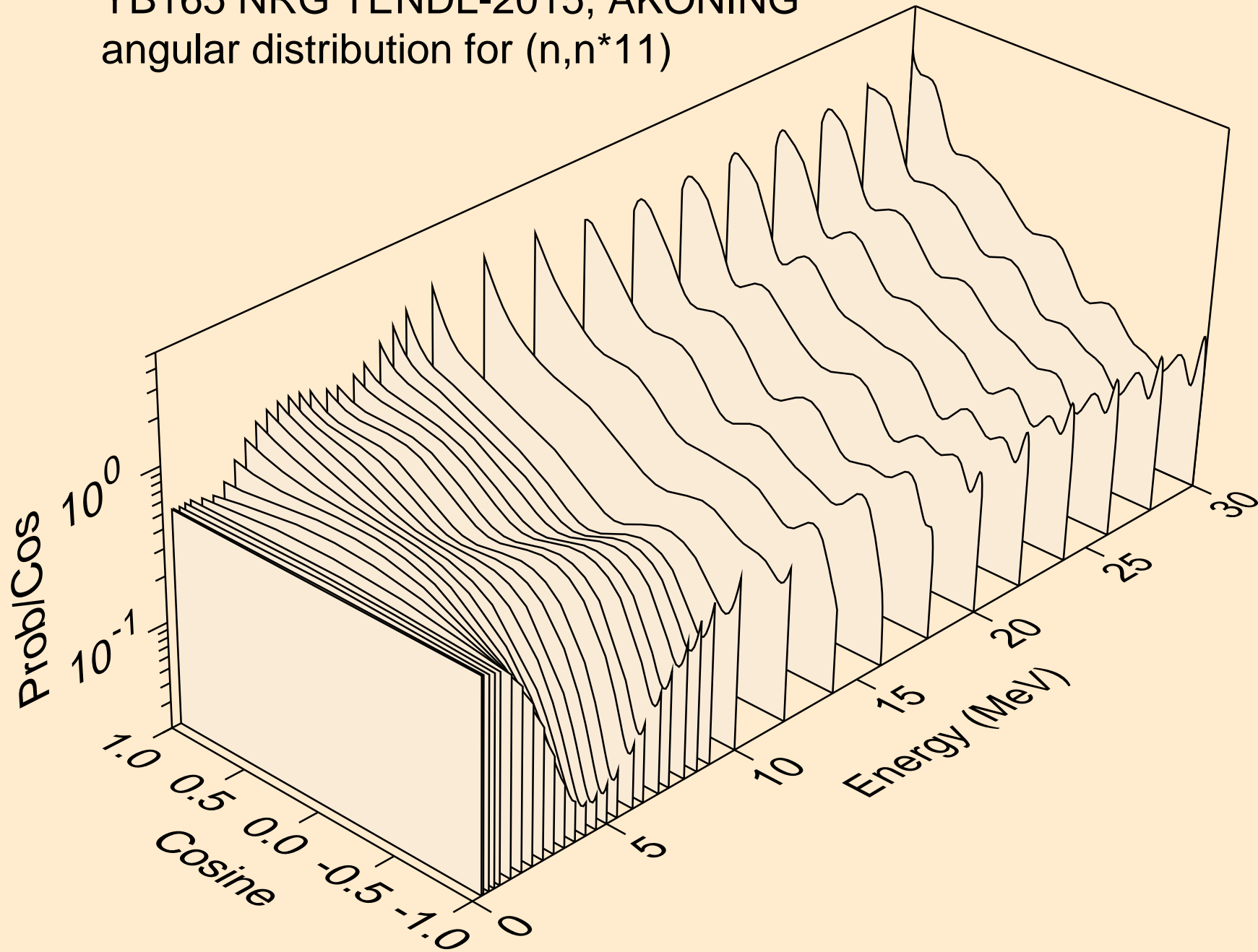
YB165 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



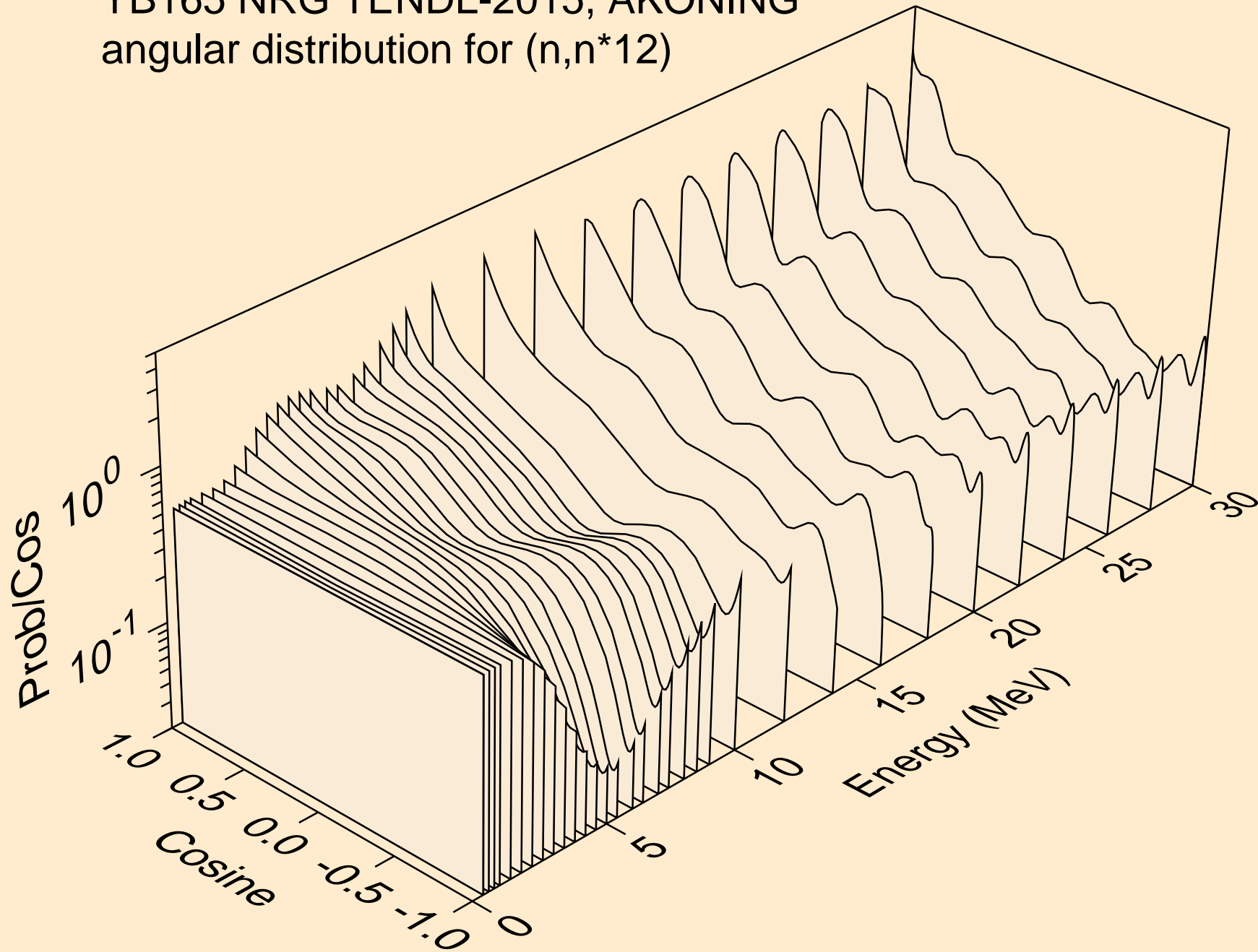
YB165 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



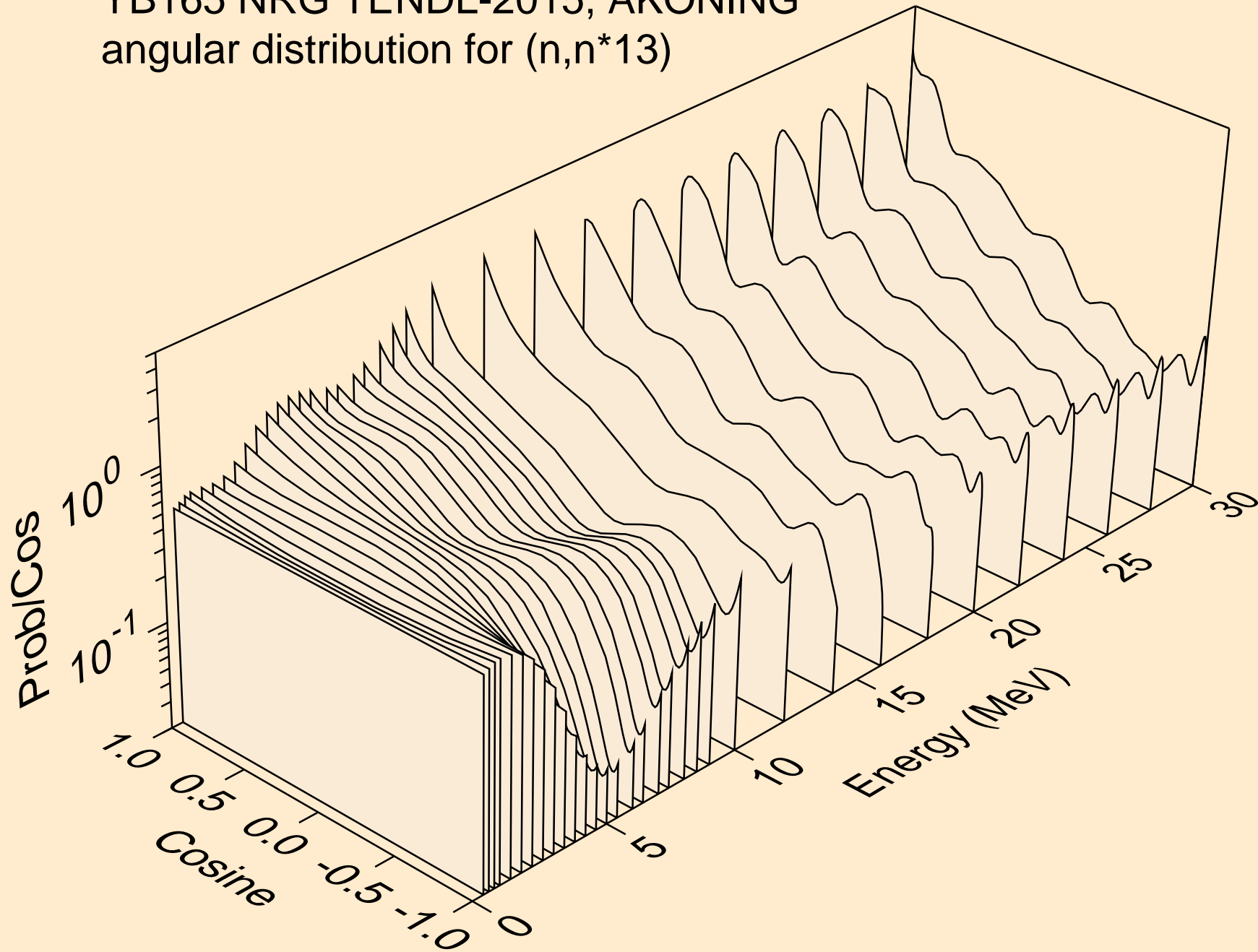
YB165 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



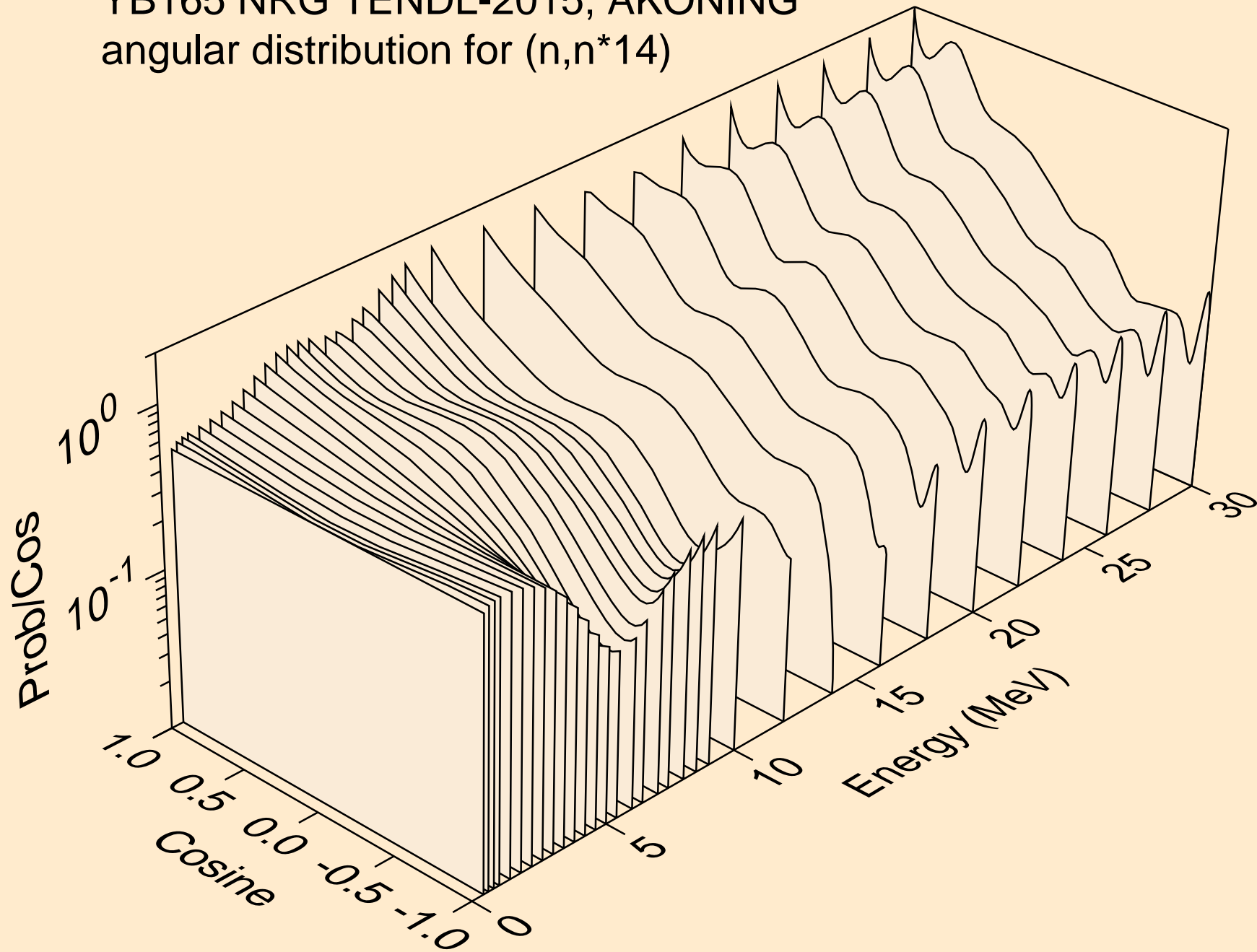
YB165 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



YB165 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

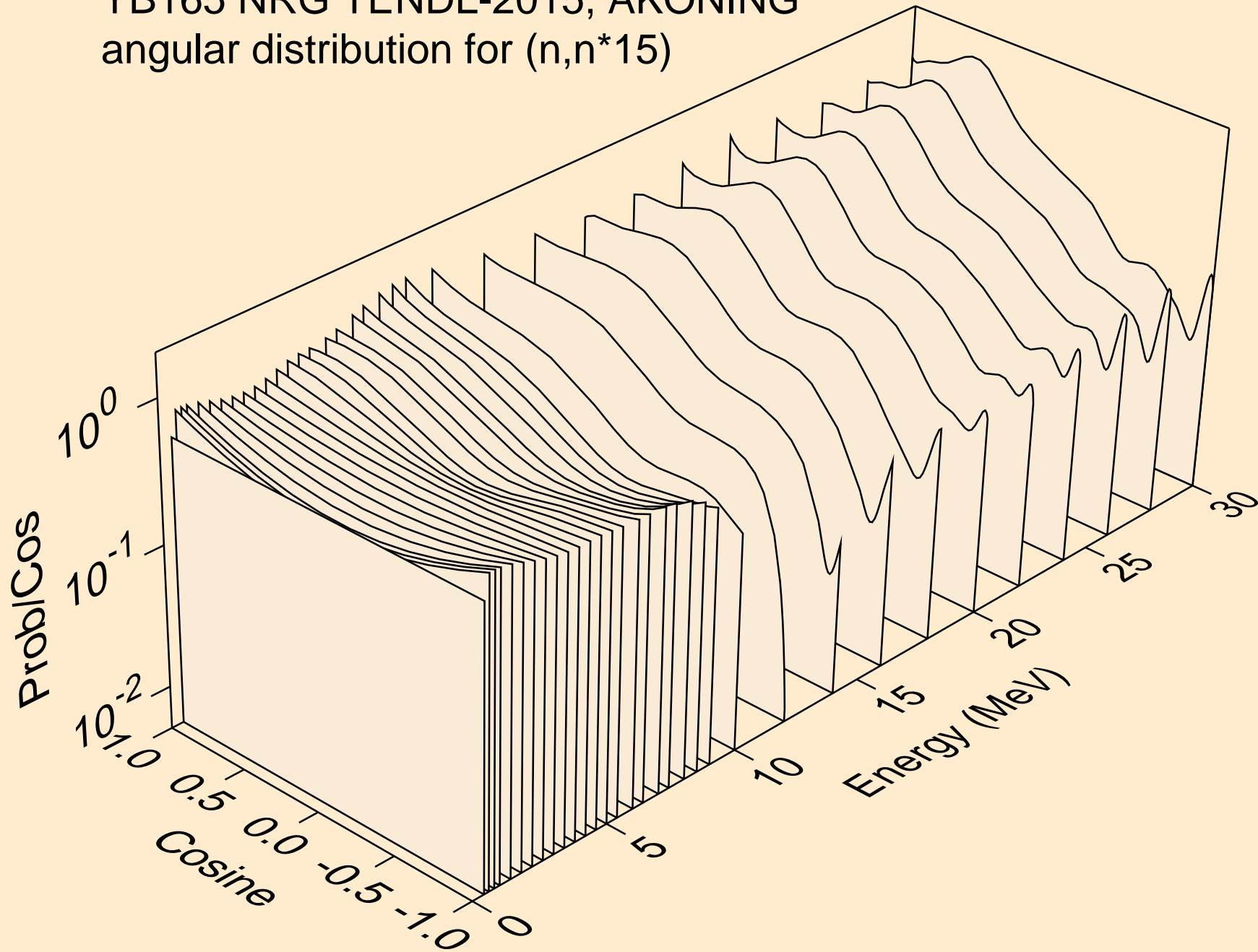


YB165 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

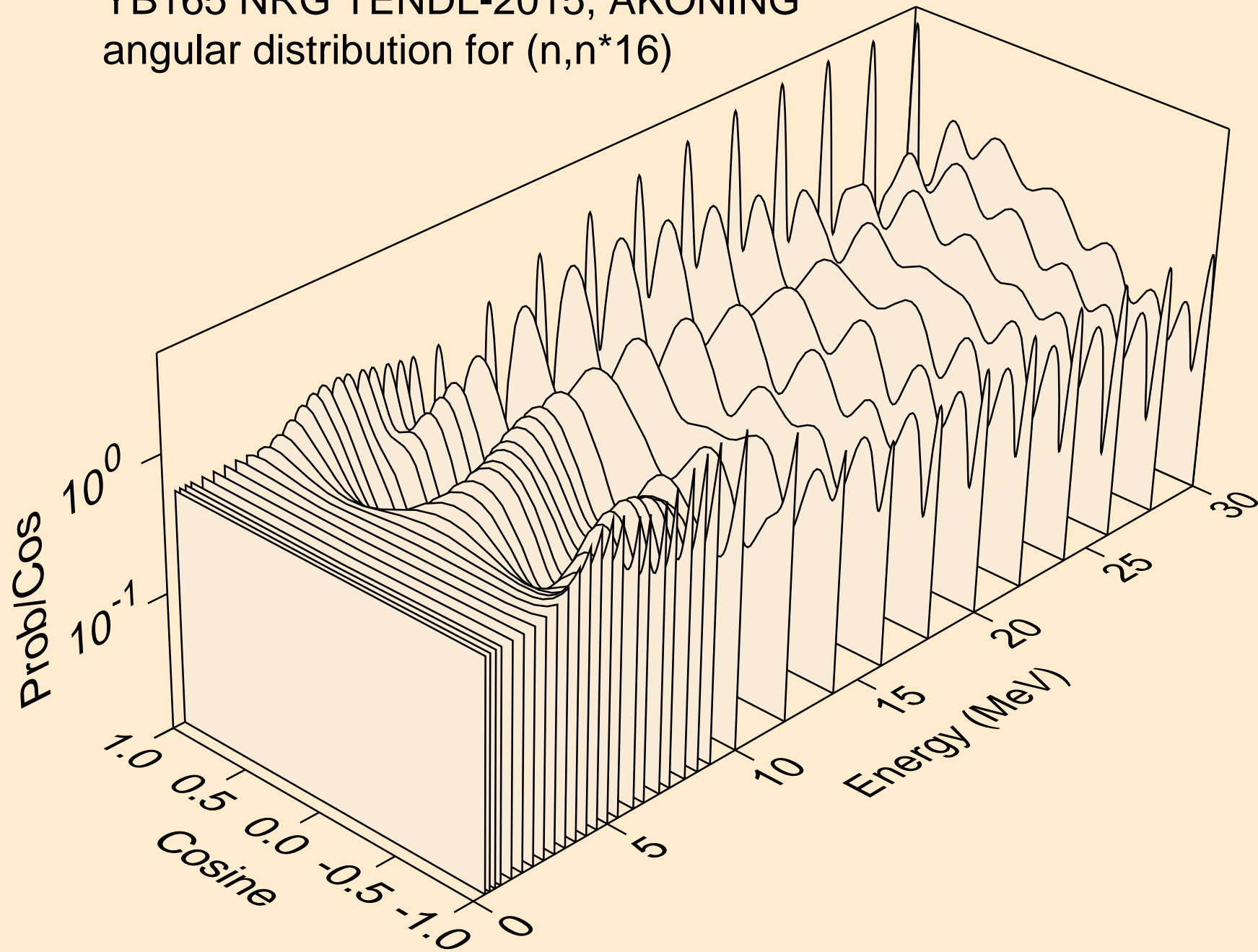




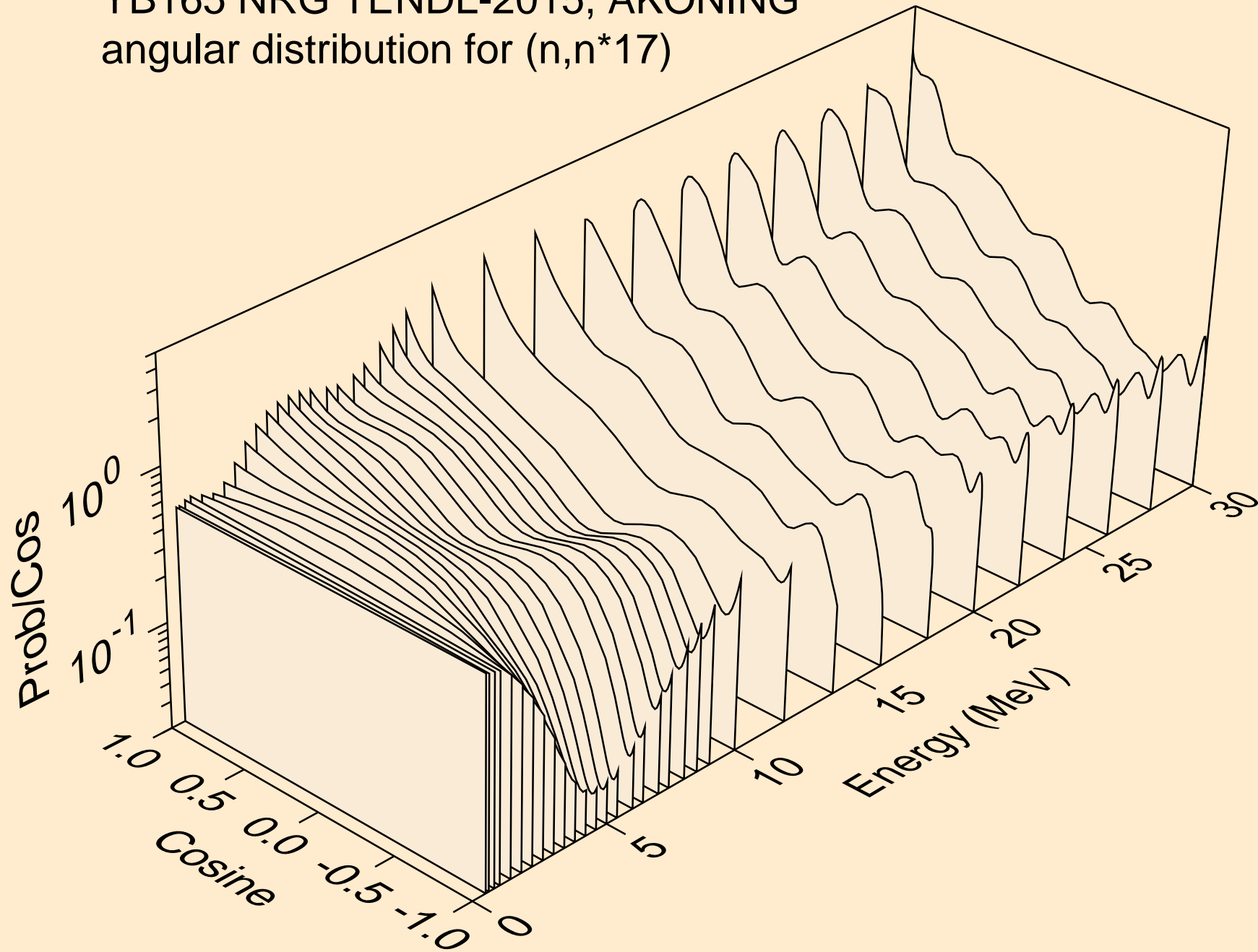
YB165 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



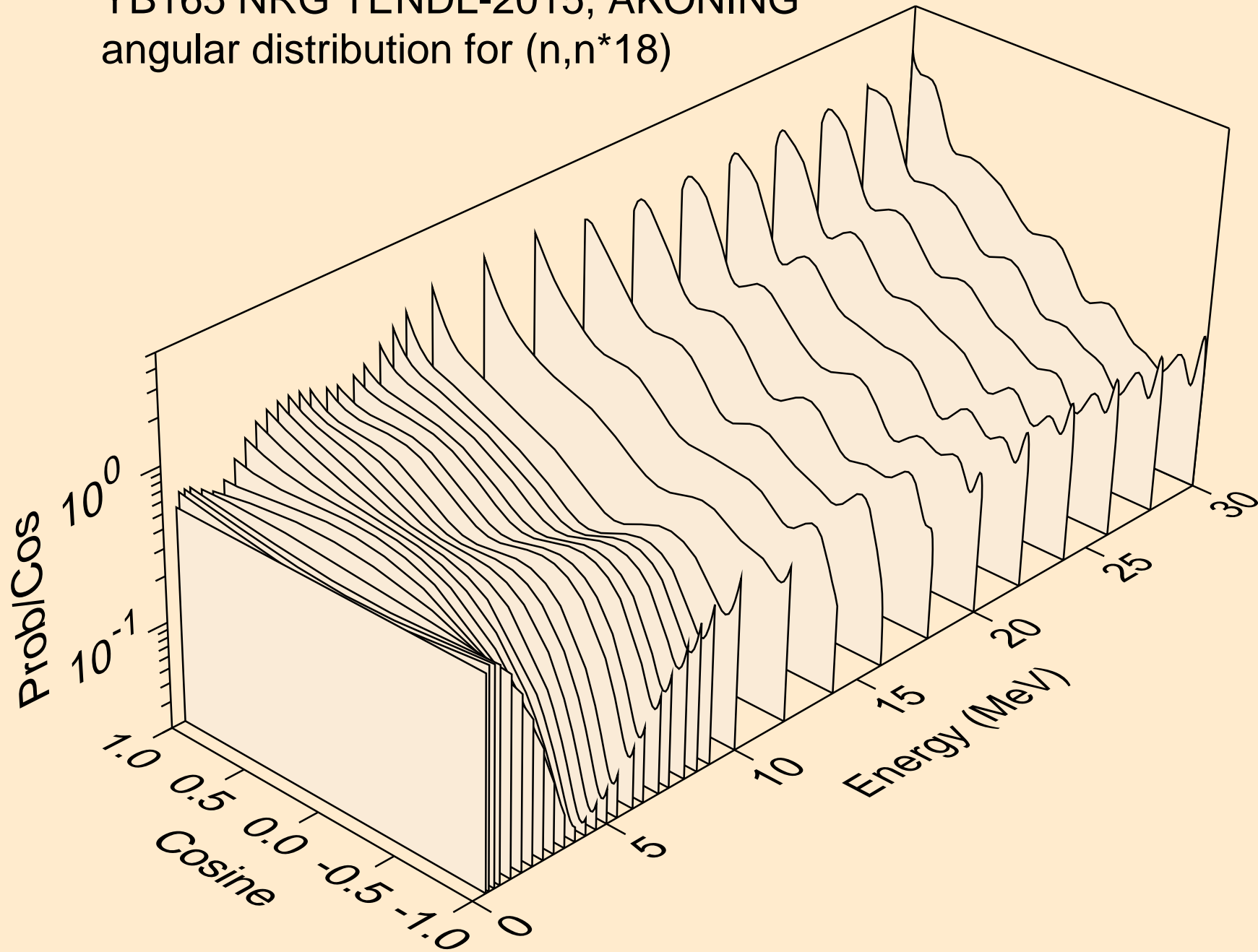
YB165 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



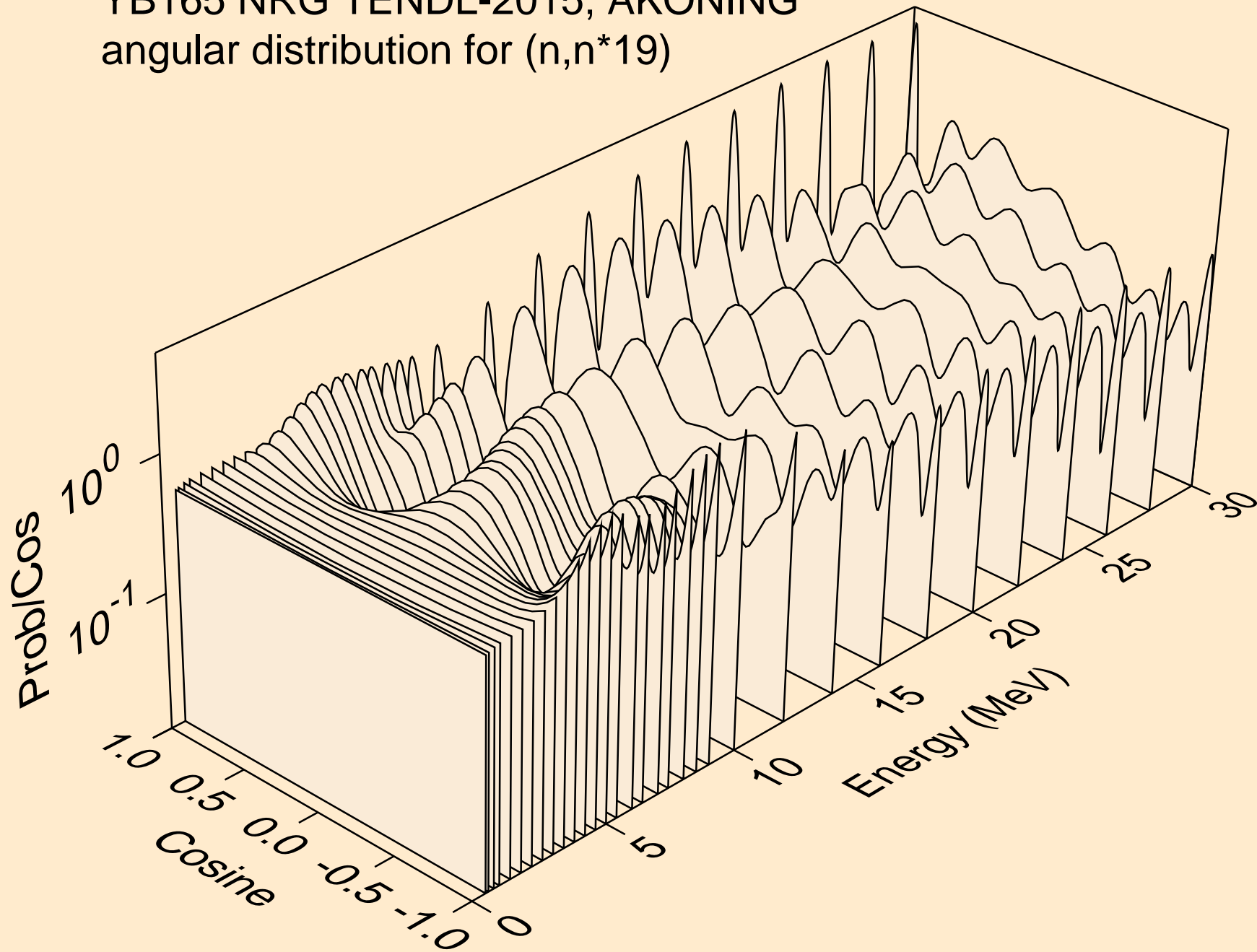
YB165 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



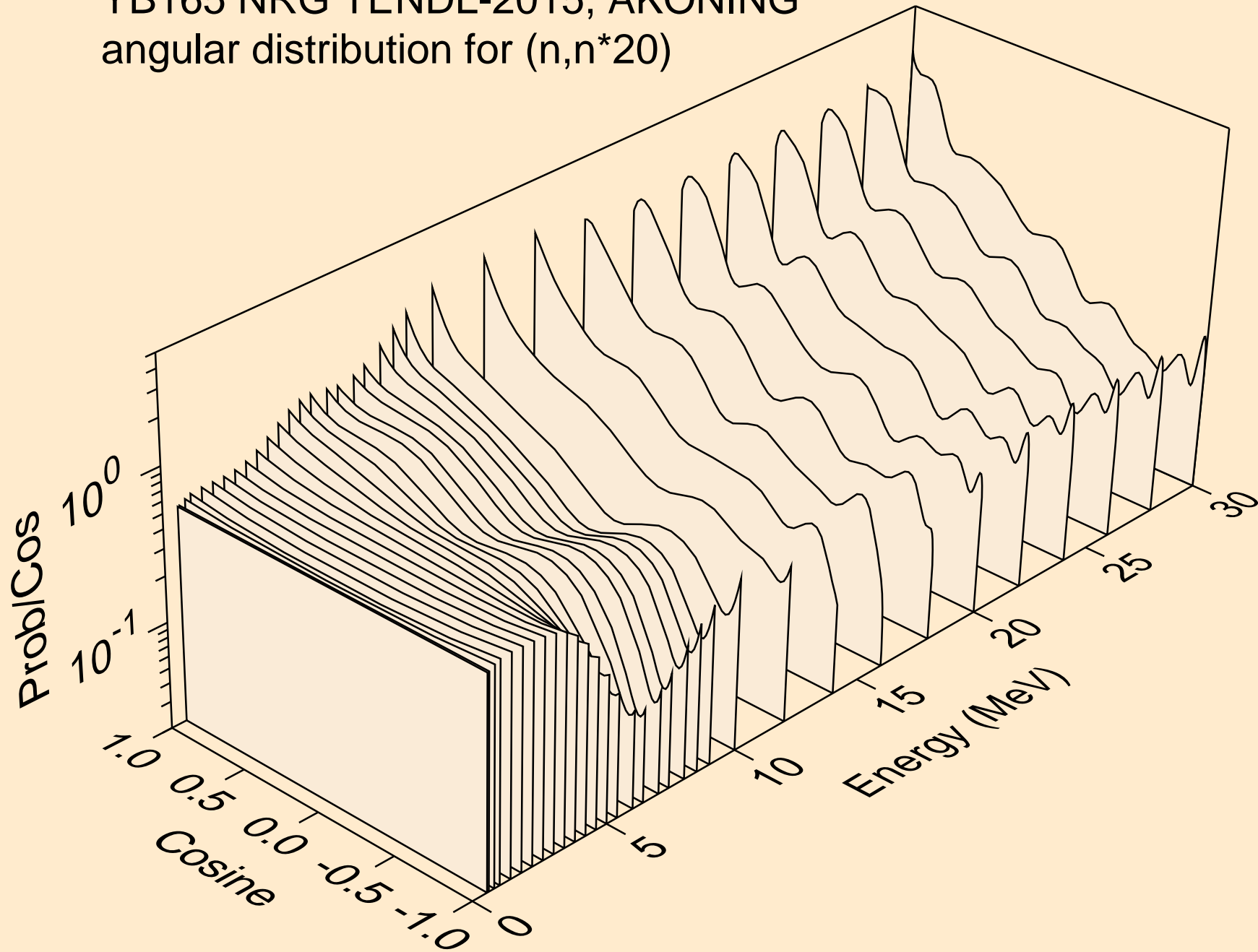
YB165 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



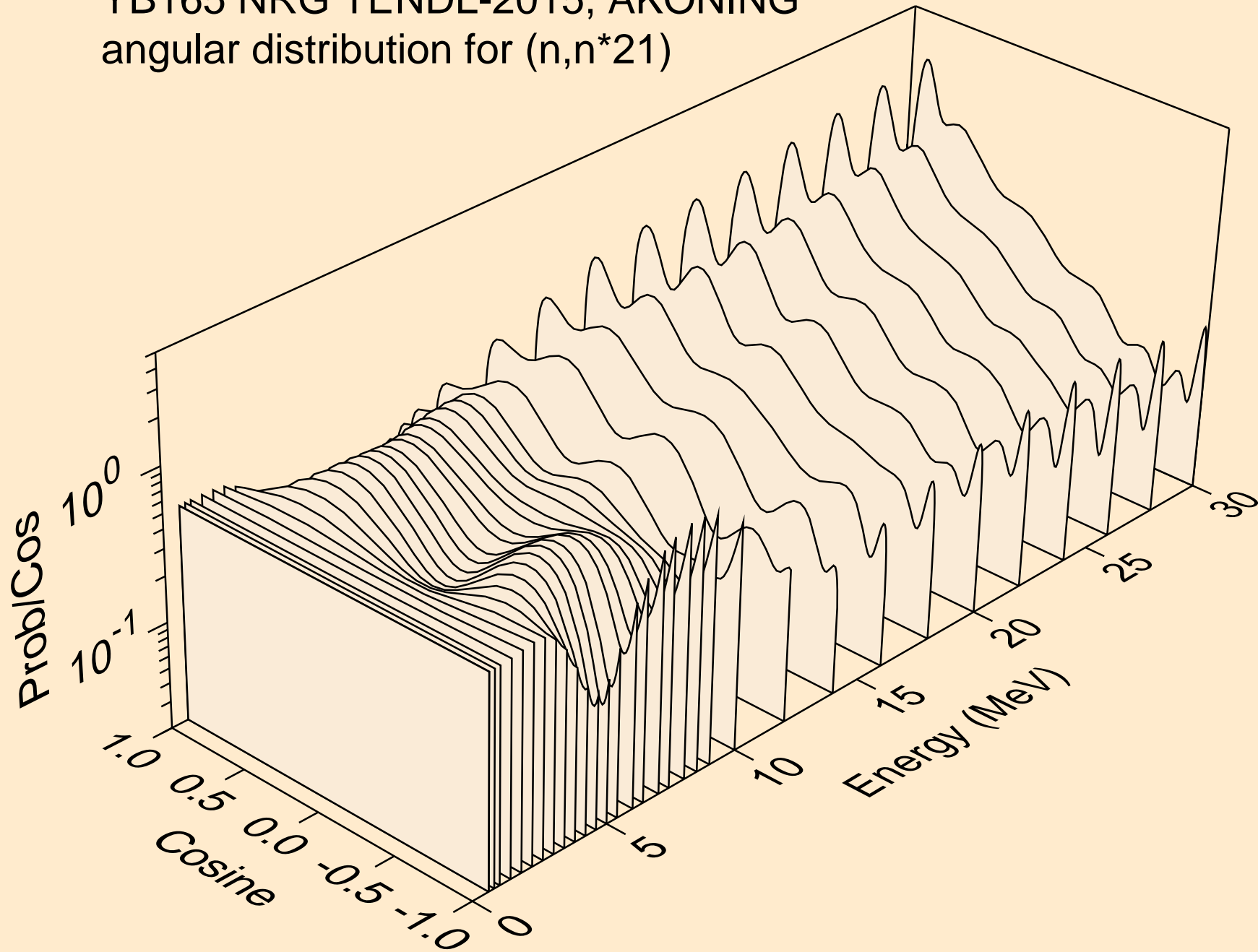
YB165 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



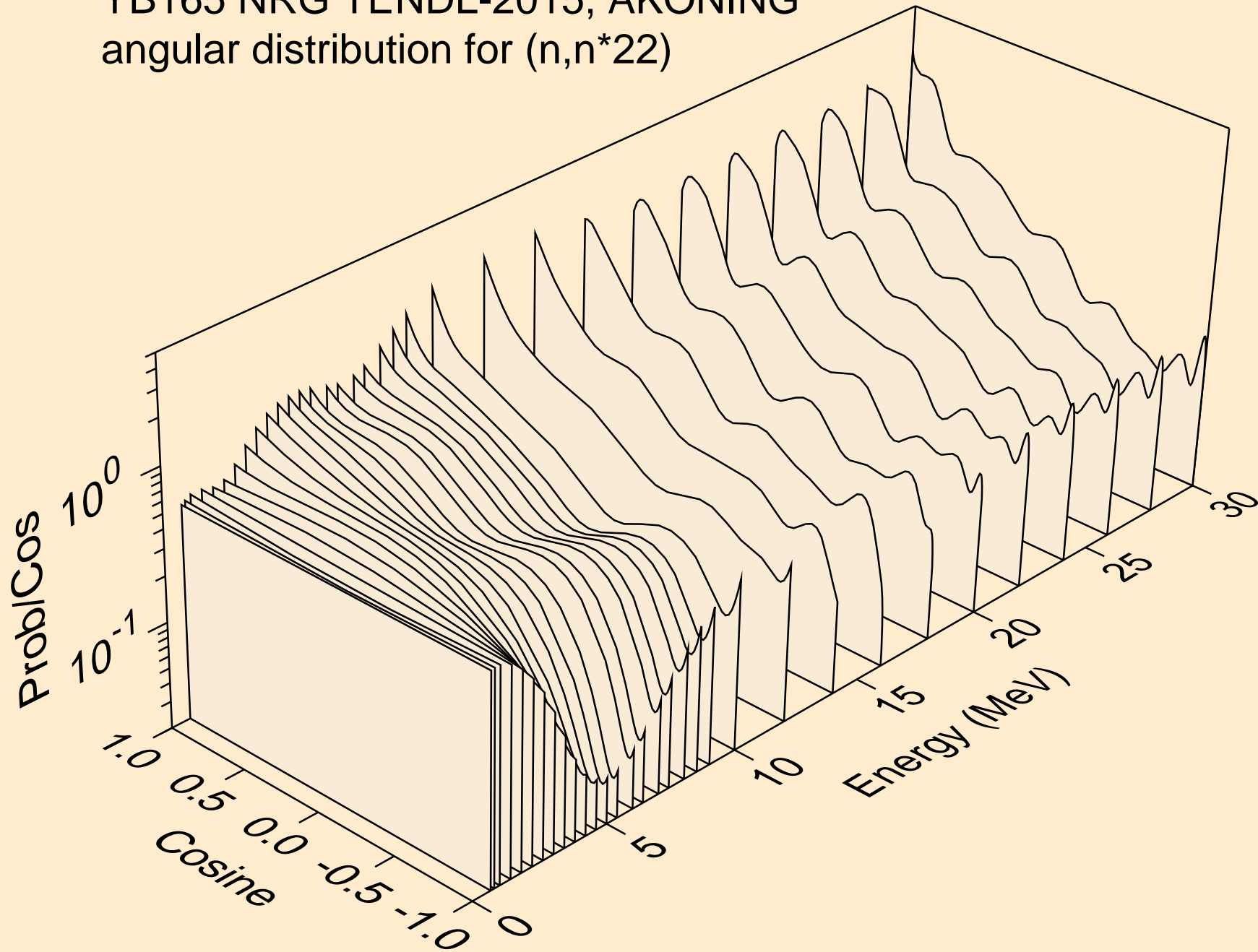
YB165 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



YB165 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

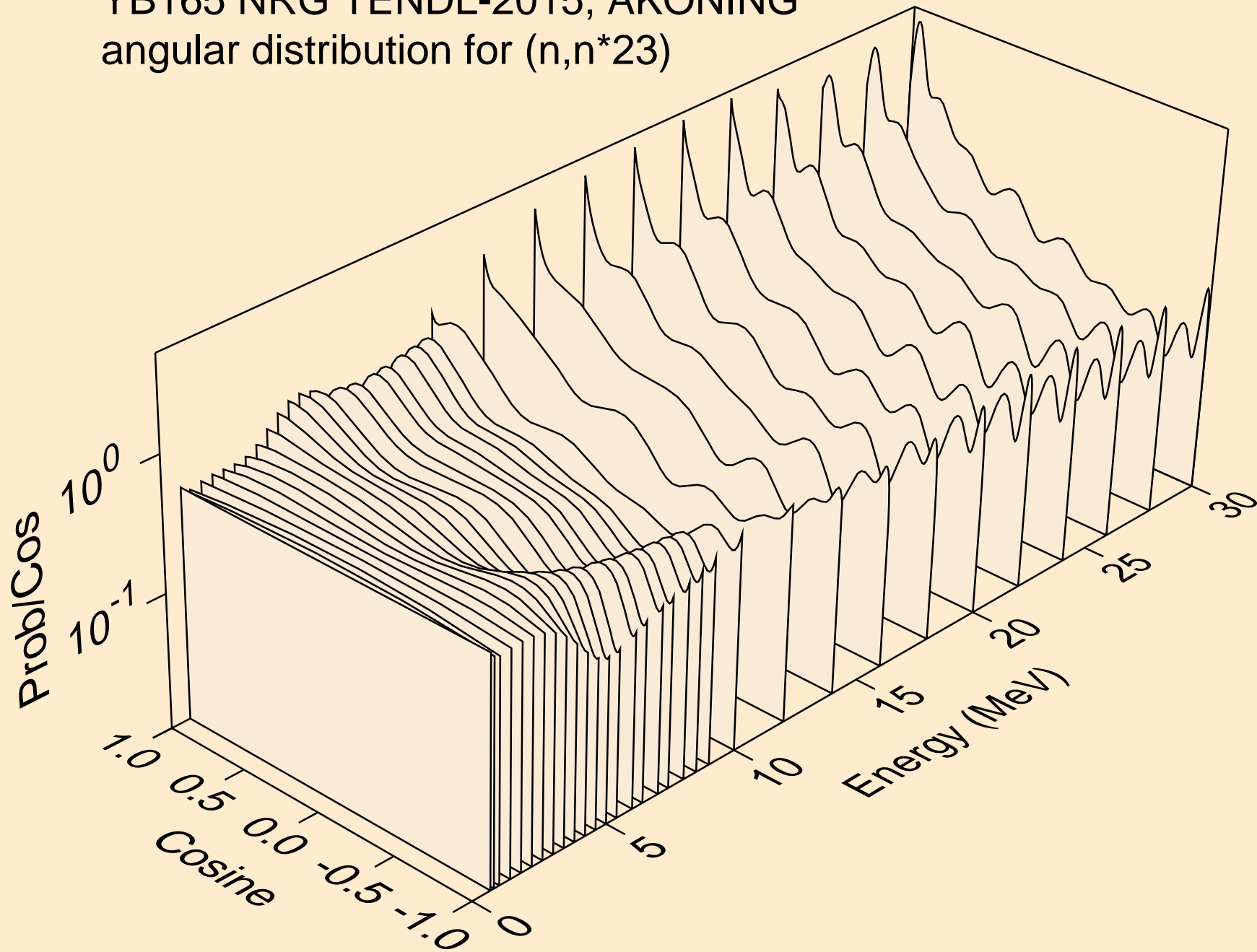


YB165 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

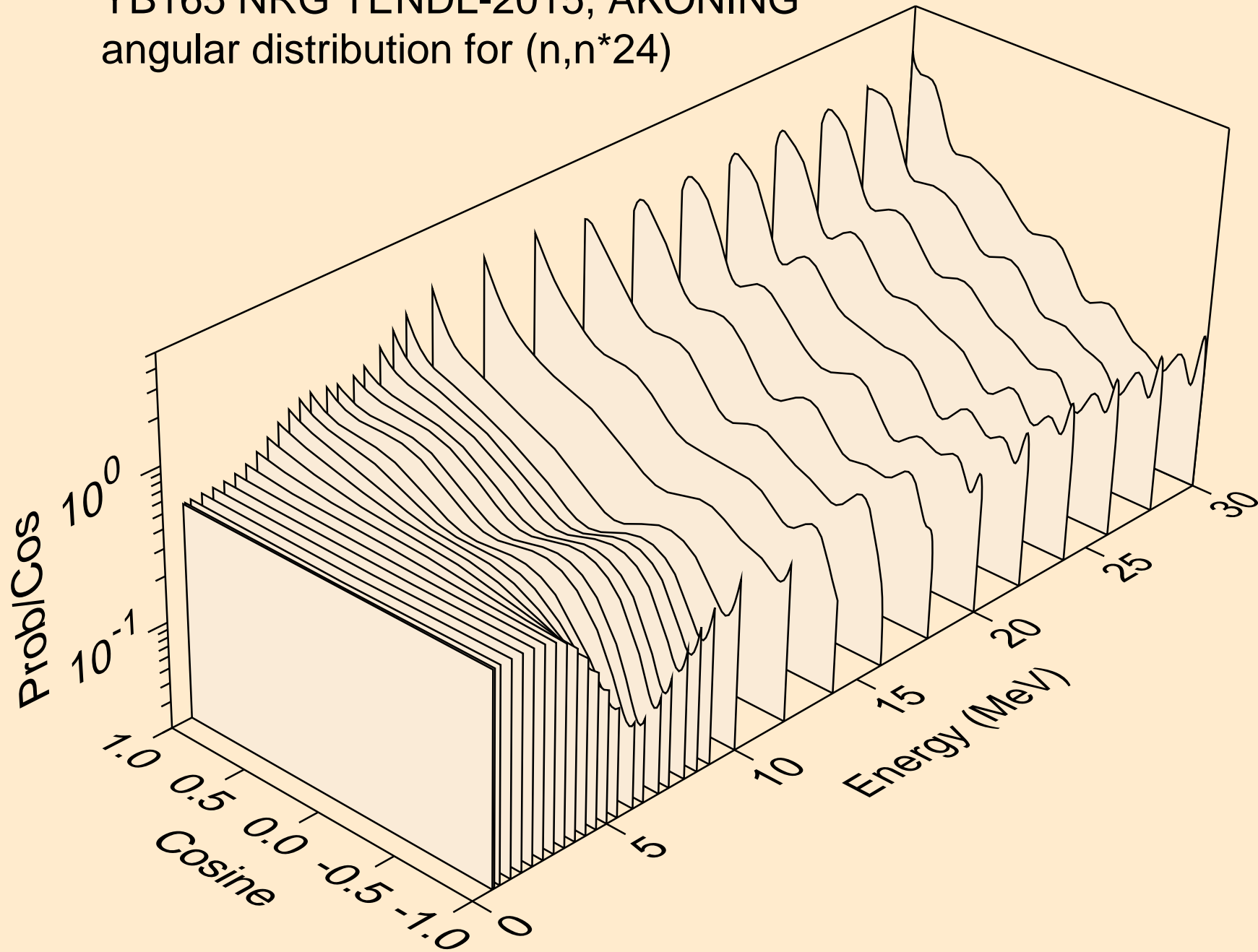




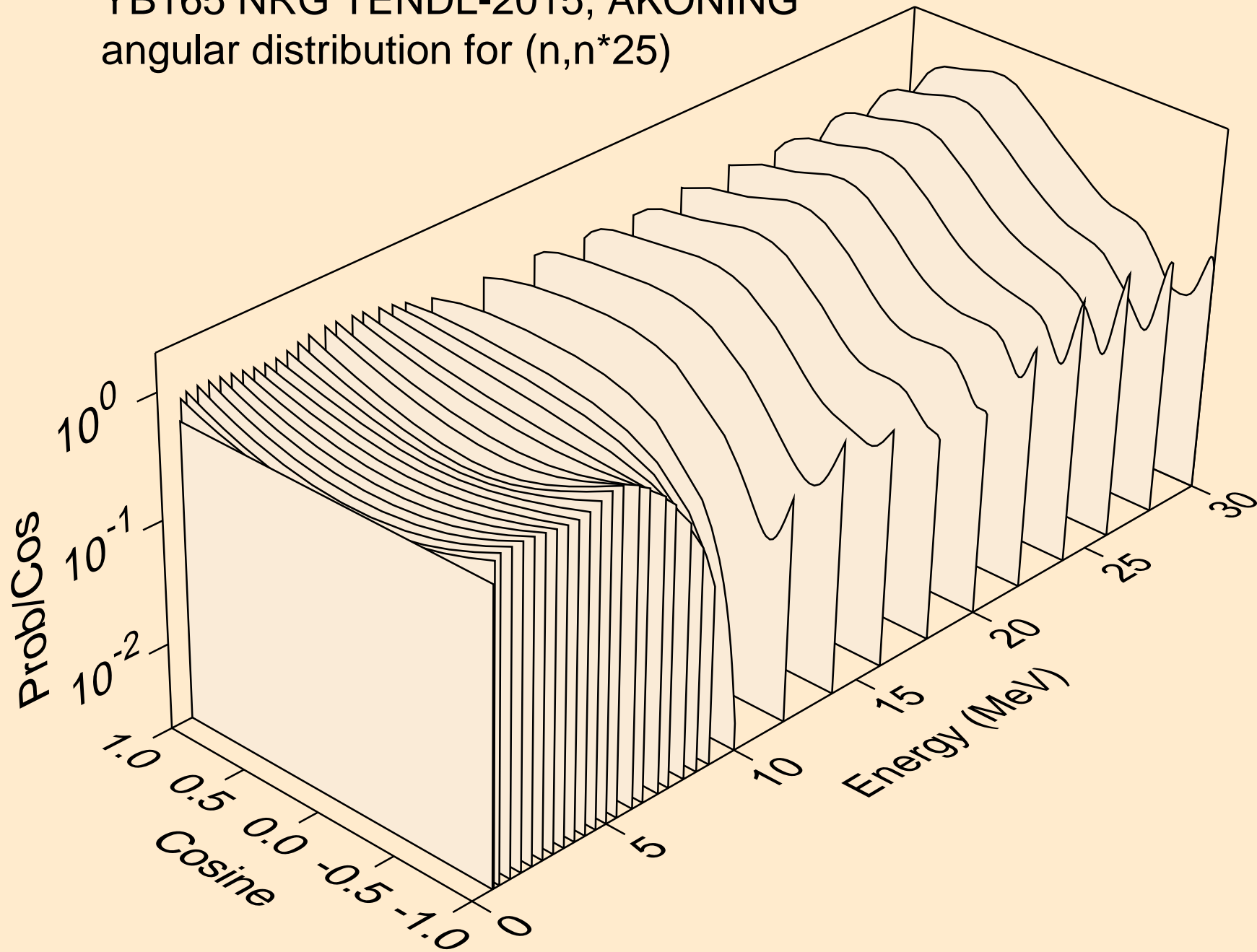
YB165 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



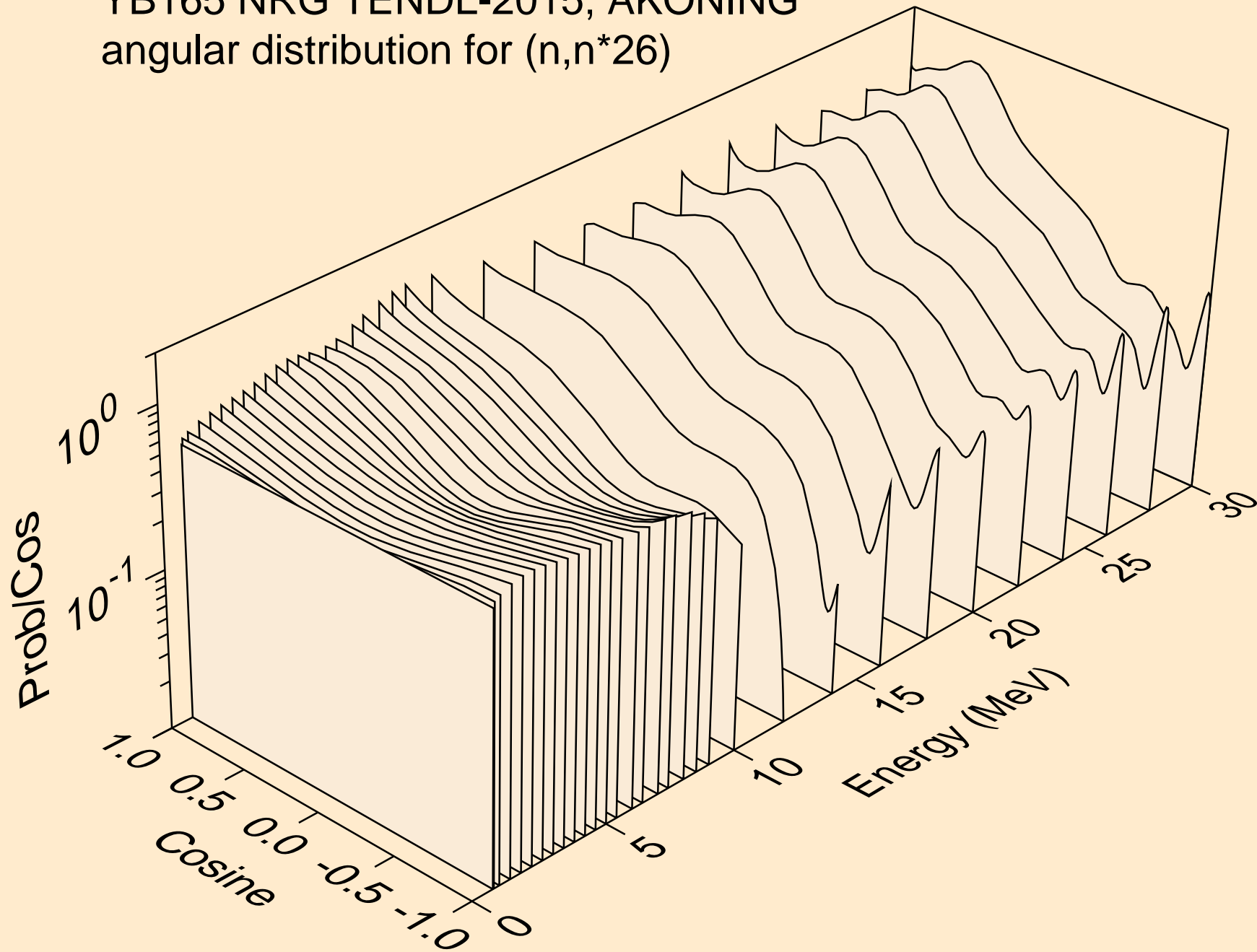
YB165 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



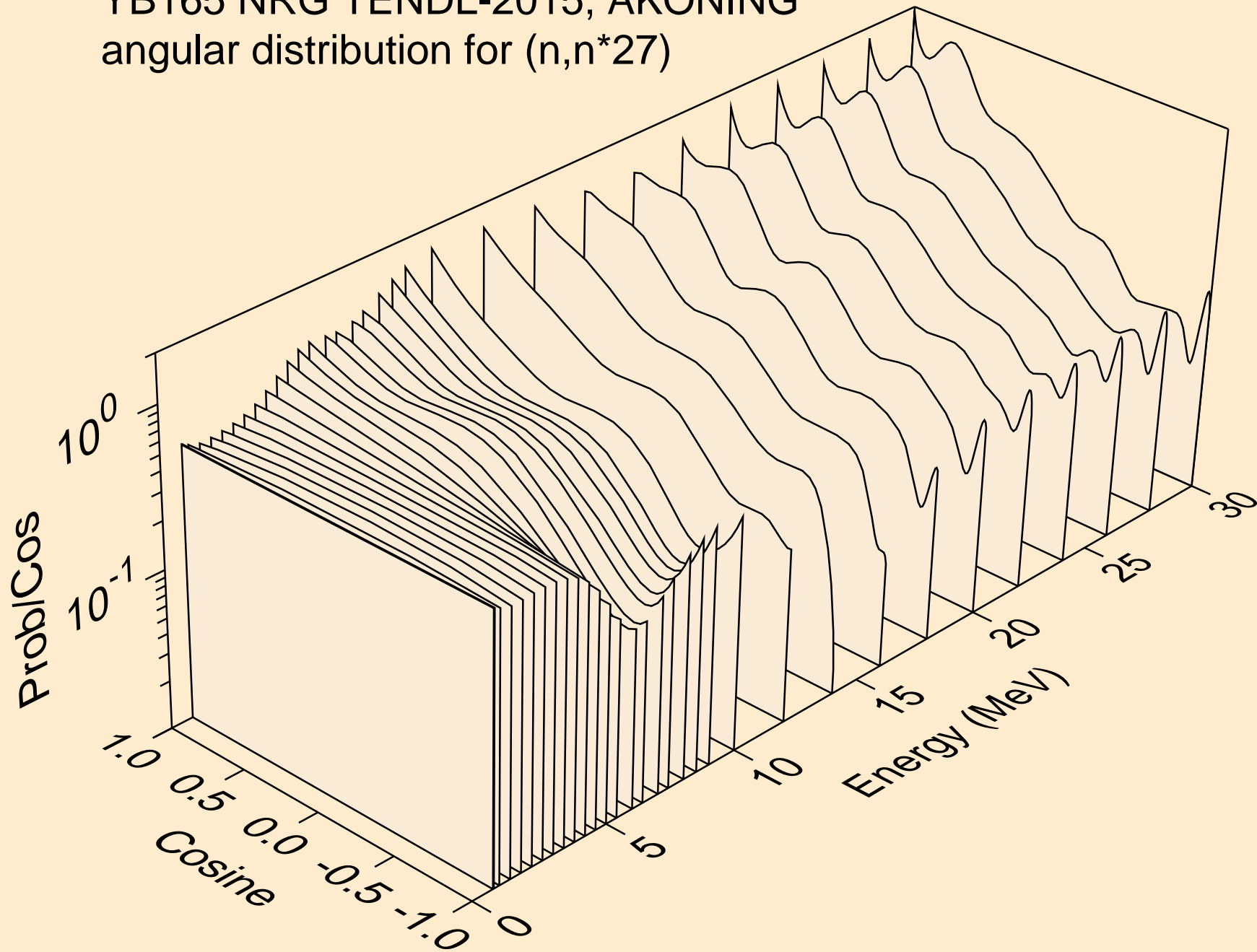
YB165 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



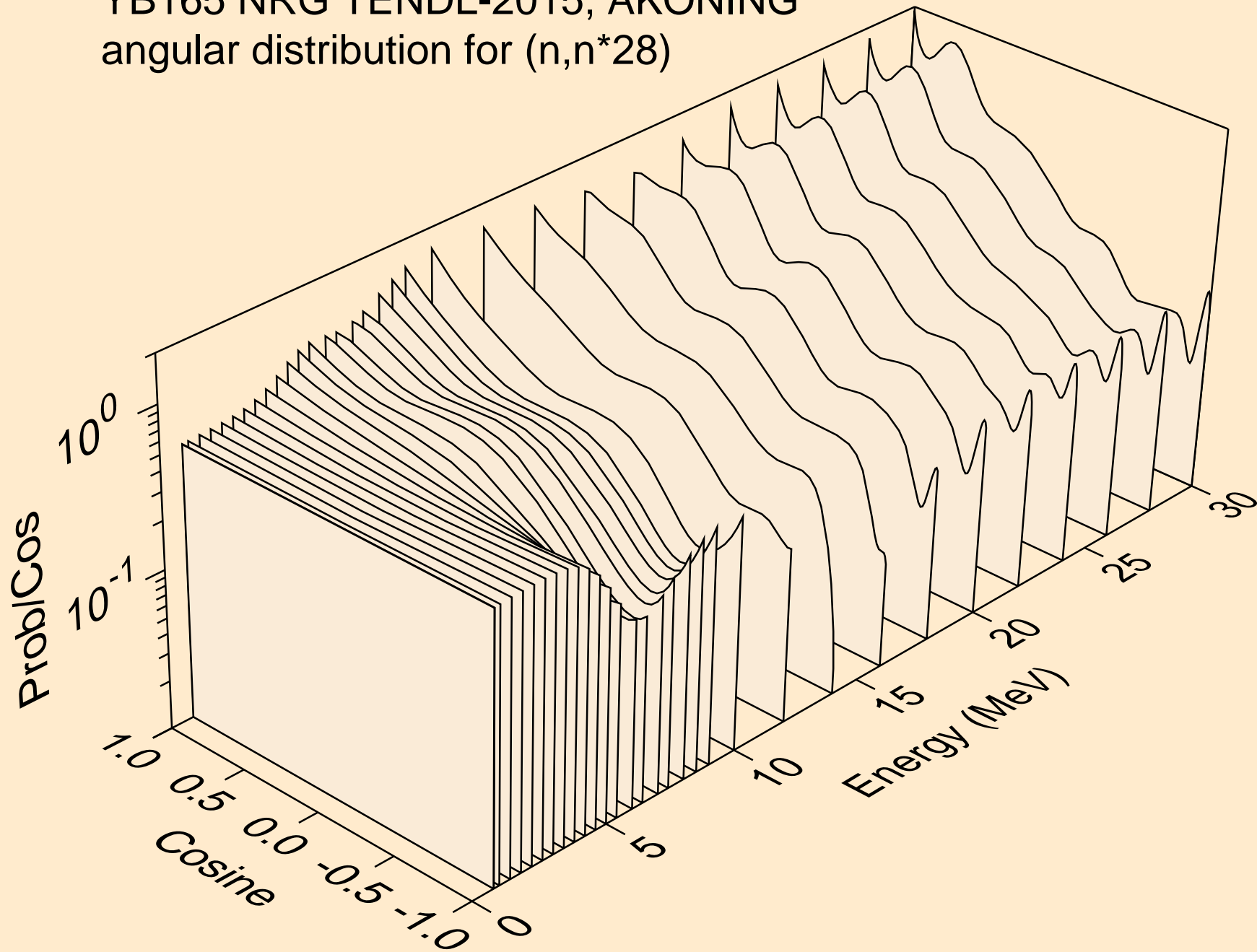
YB165 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



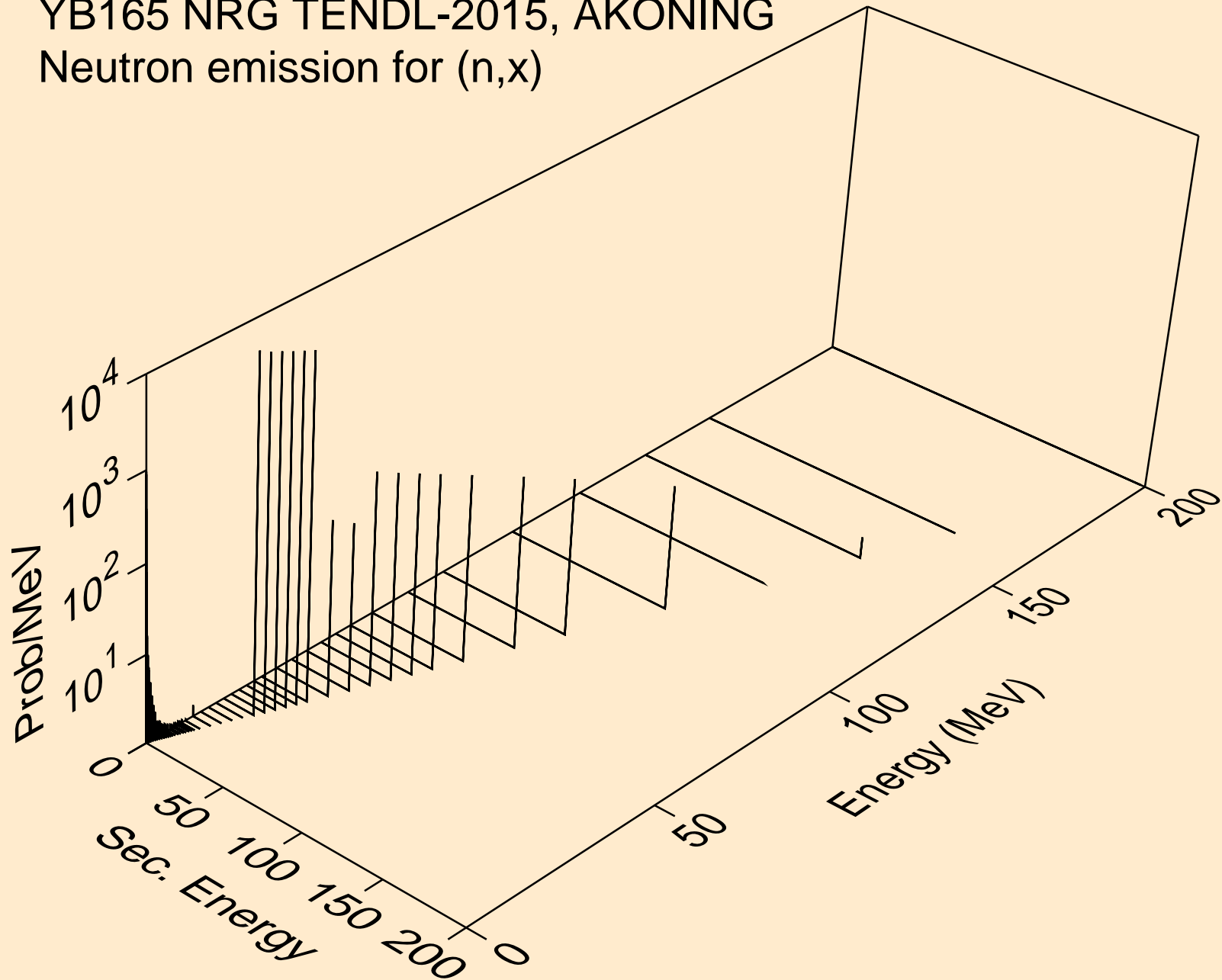
YB165 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



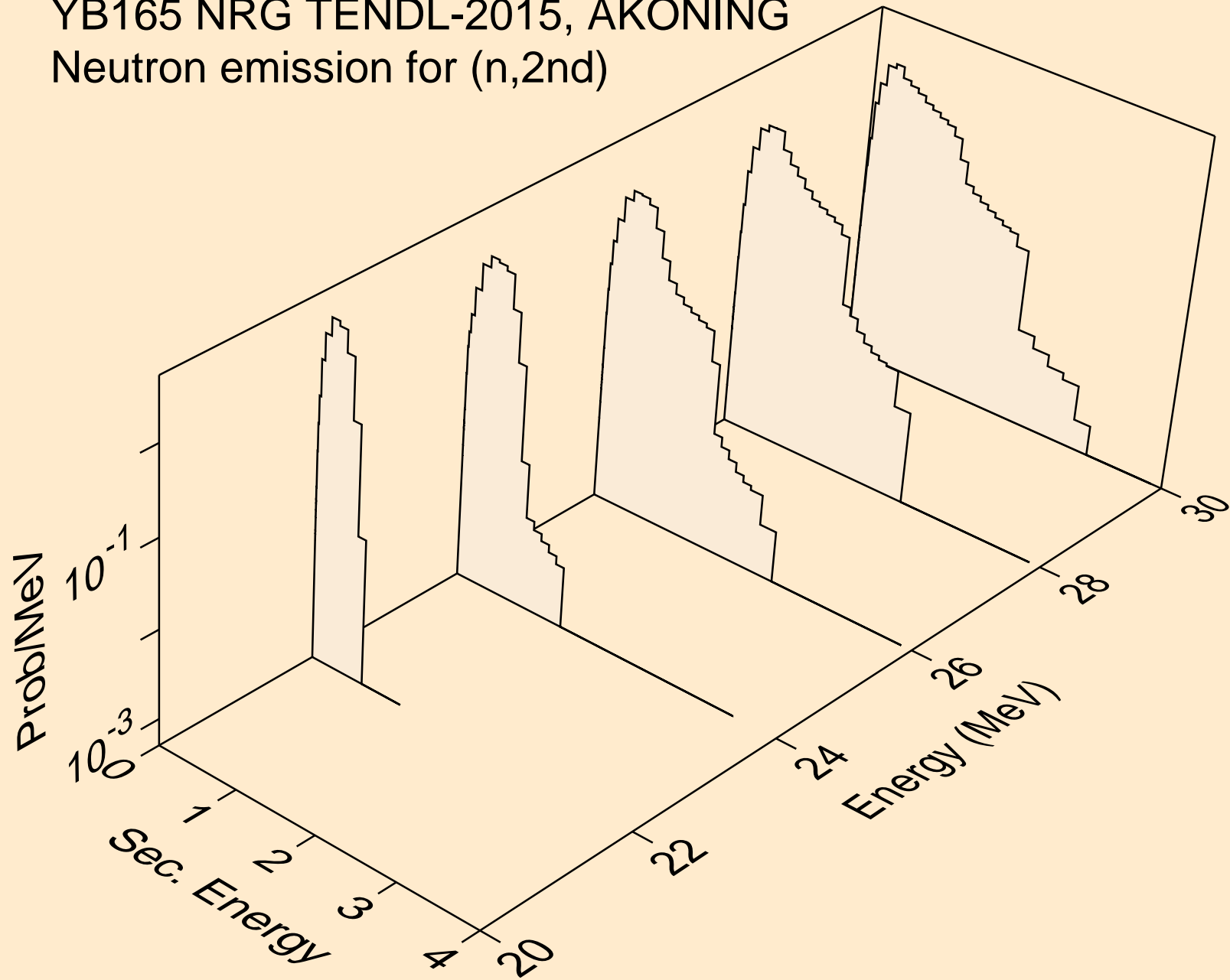
YB165 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



YB165 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

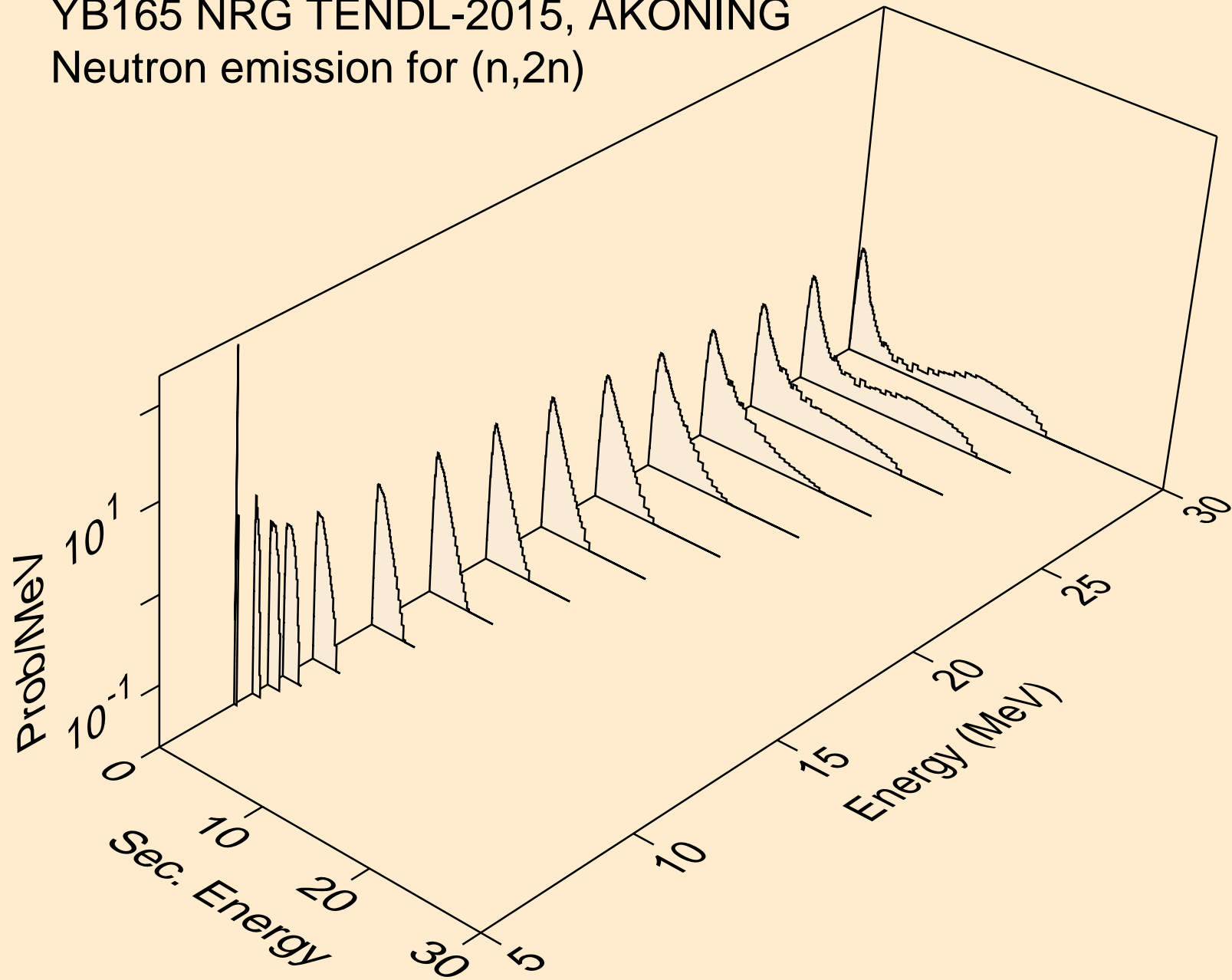


YB165 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)

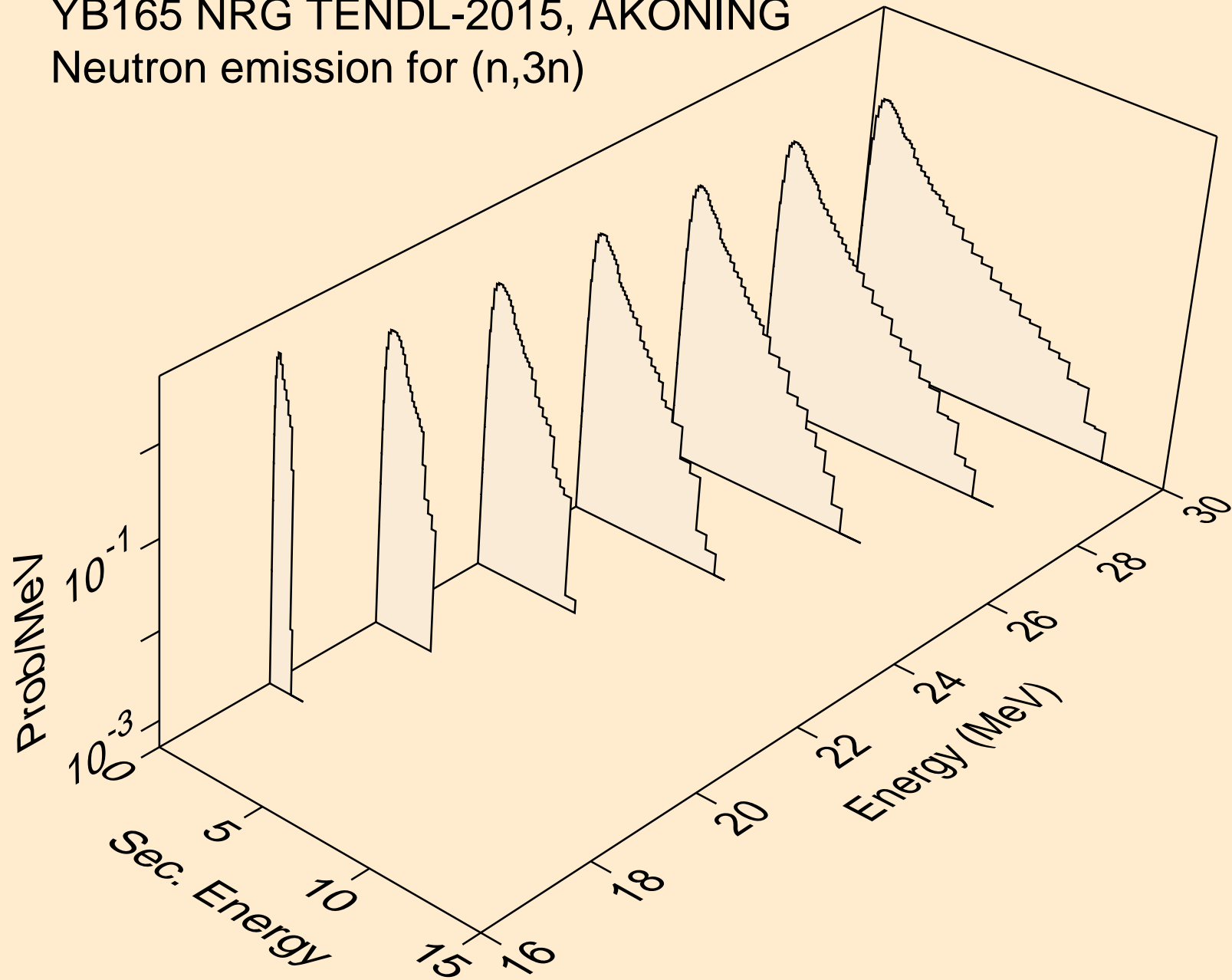




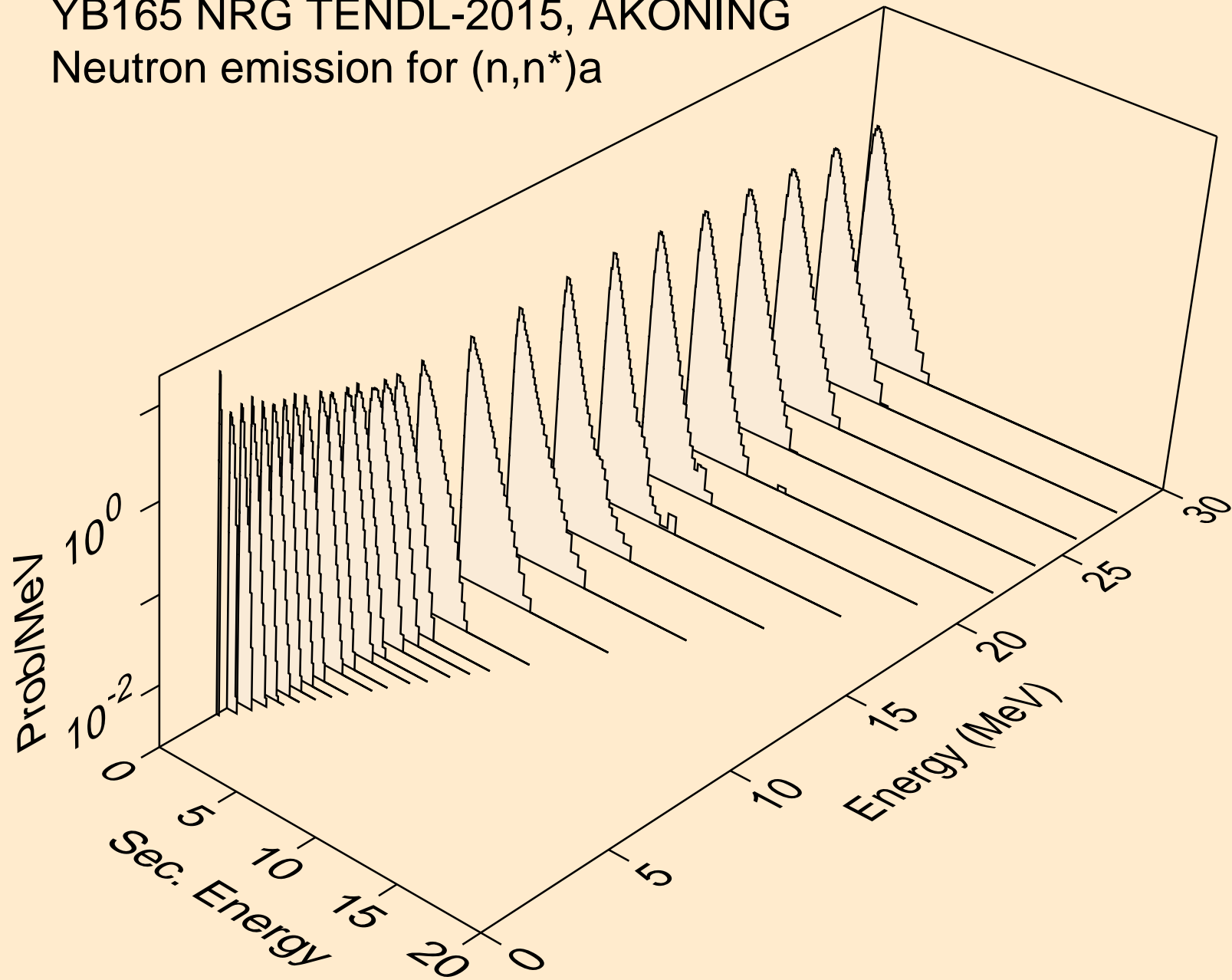
YB165 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



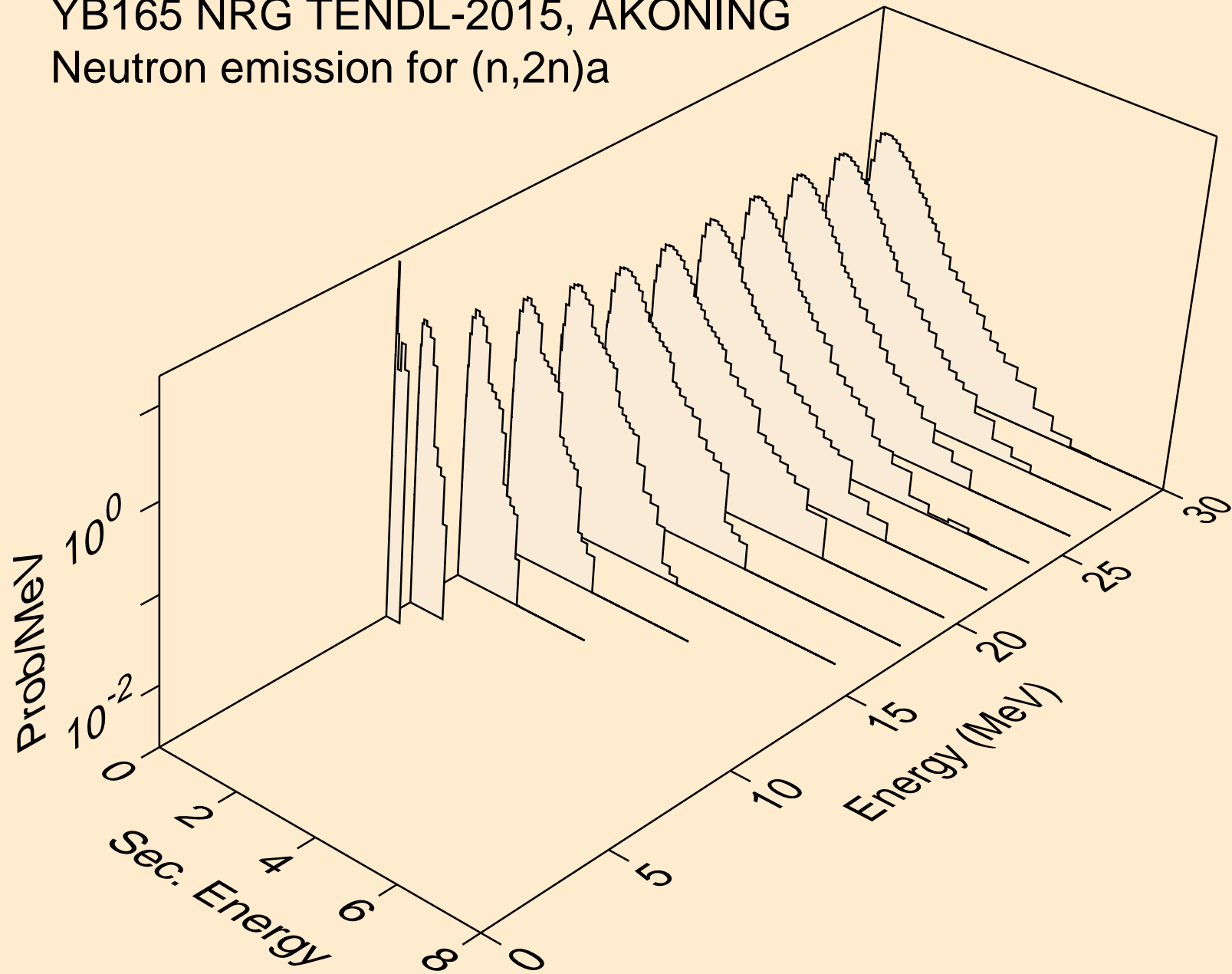
YB165 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



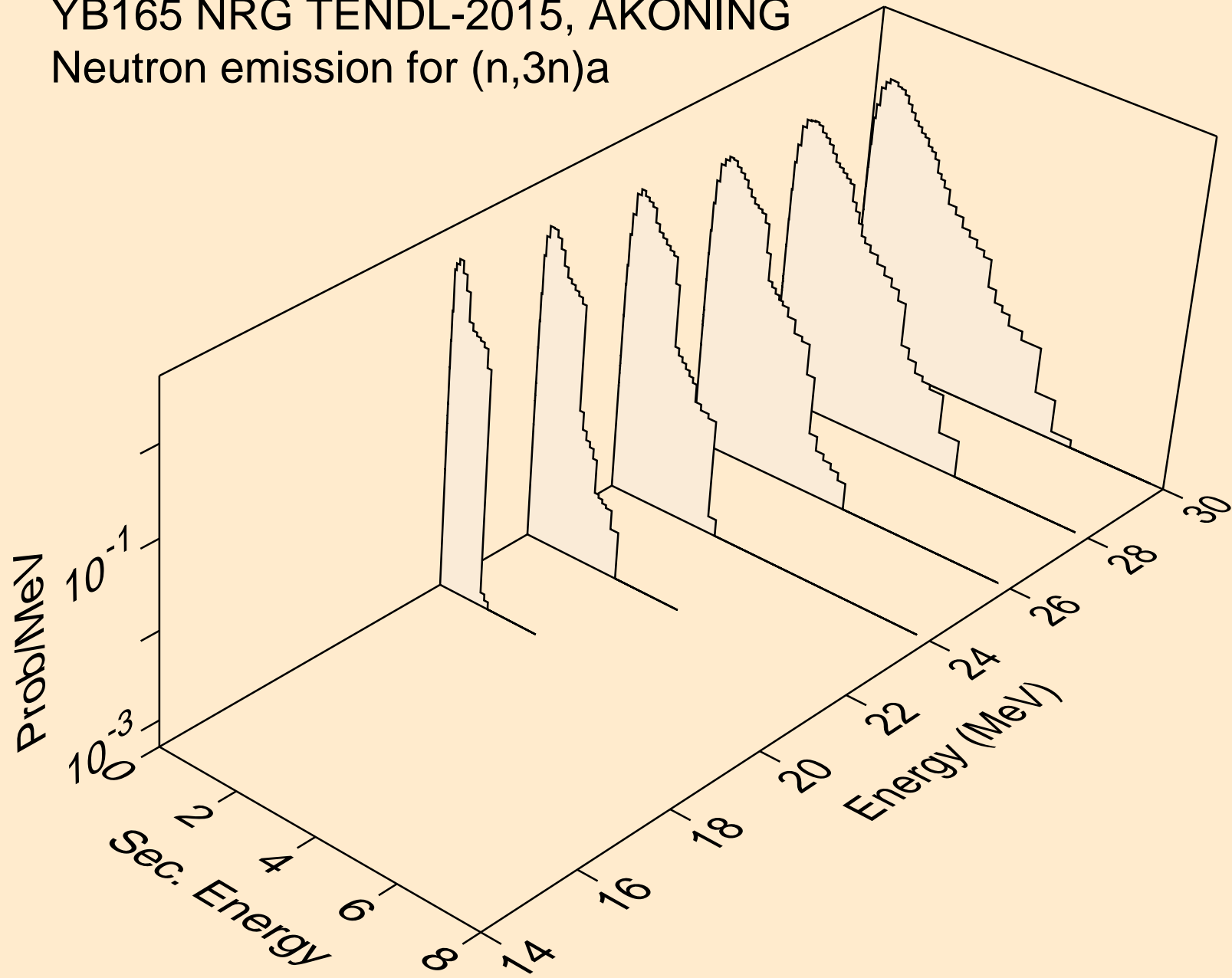
YB165 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



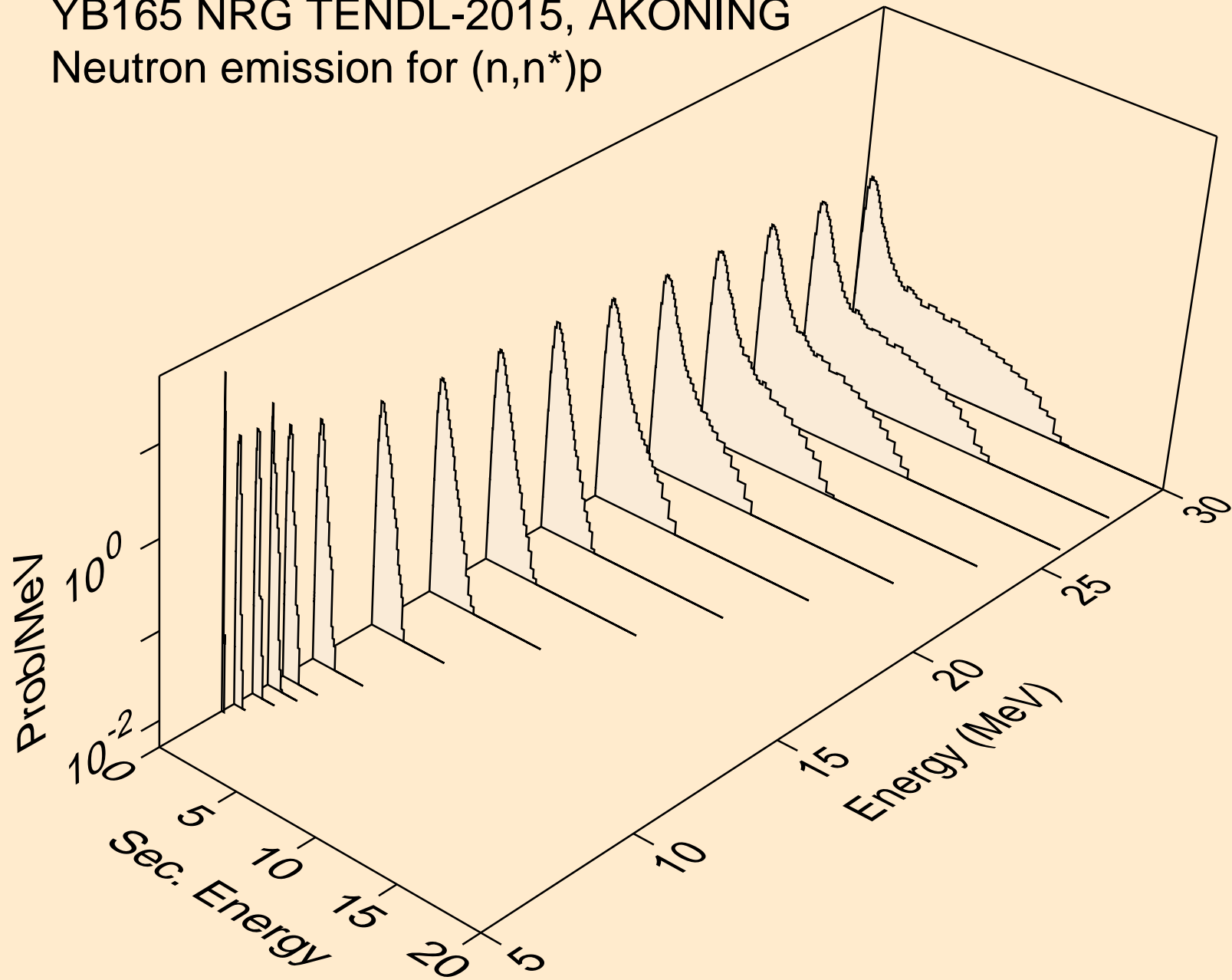
YB165 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



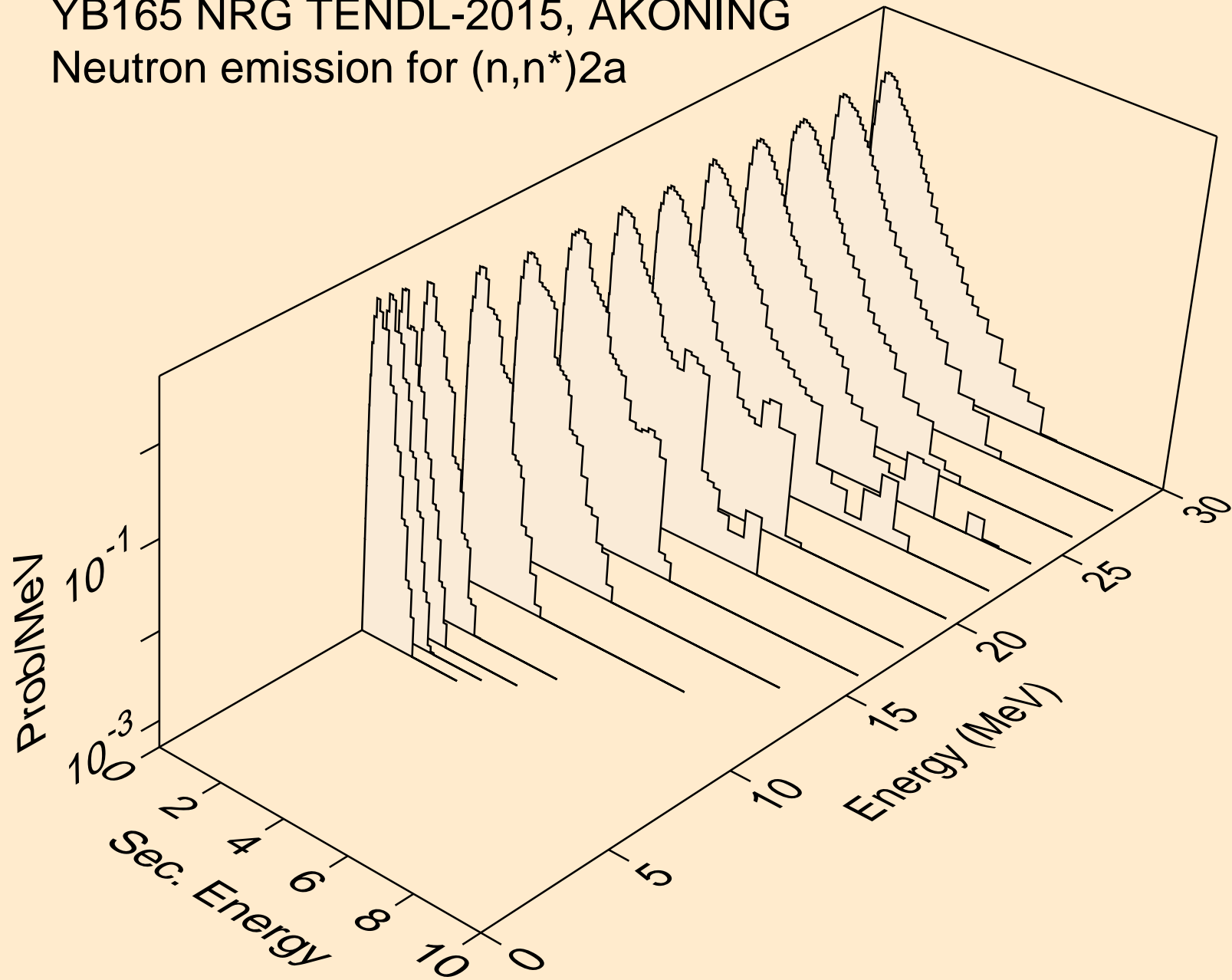
YB165 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



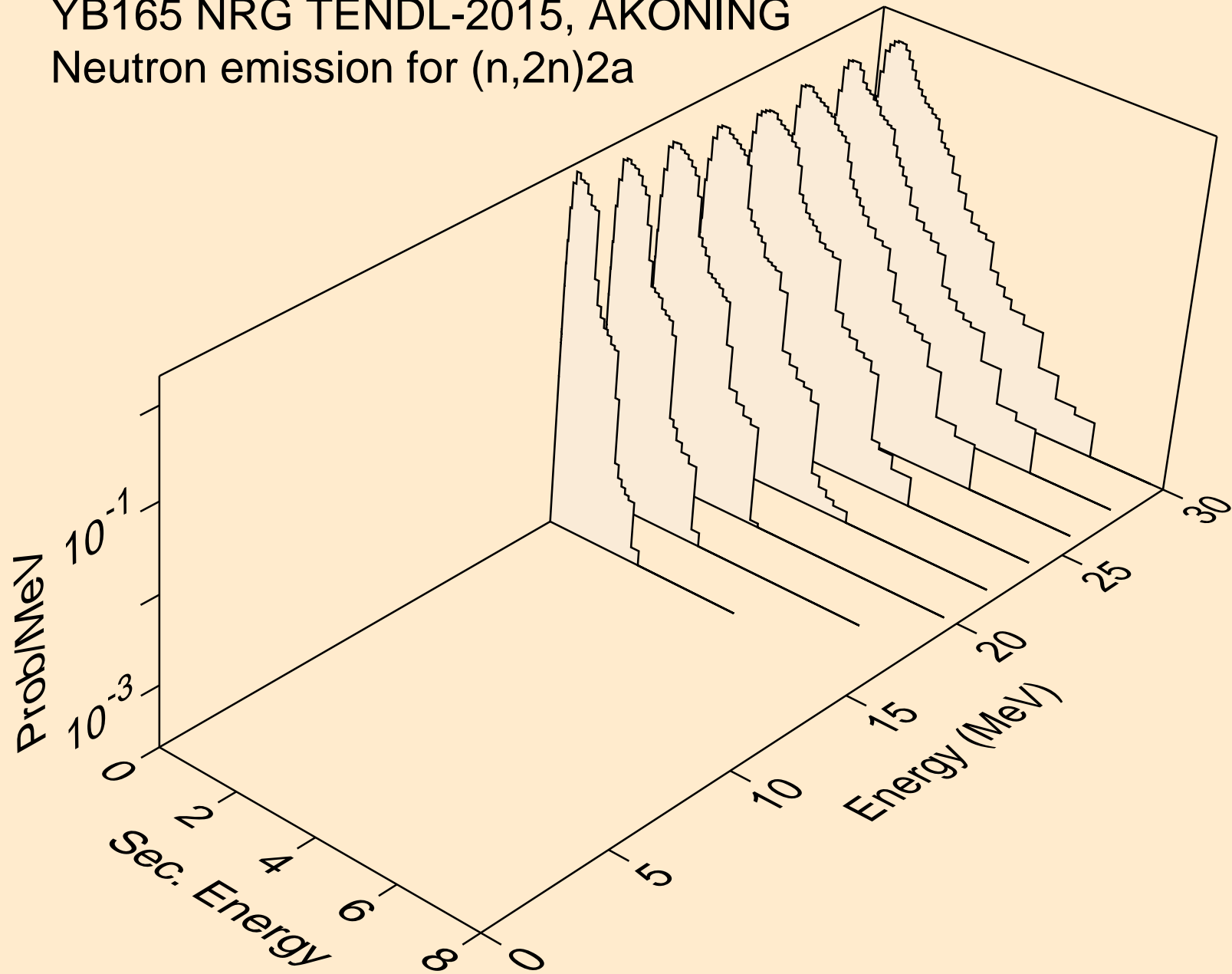
YB165 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



YB165 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a

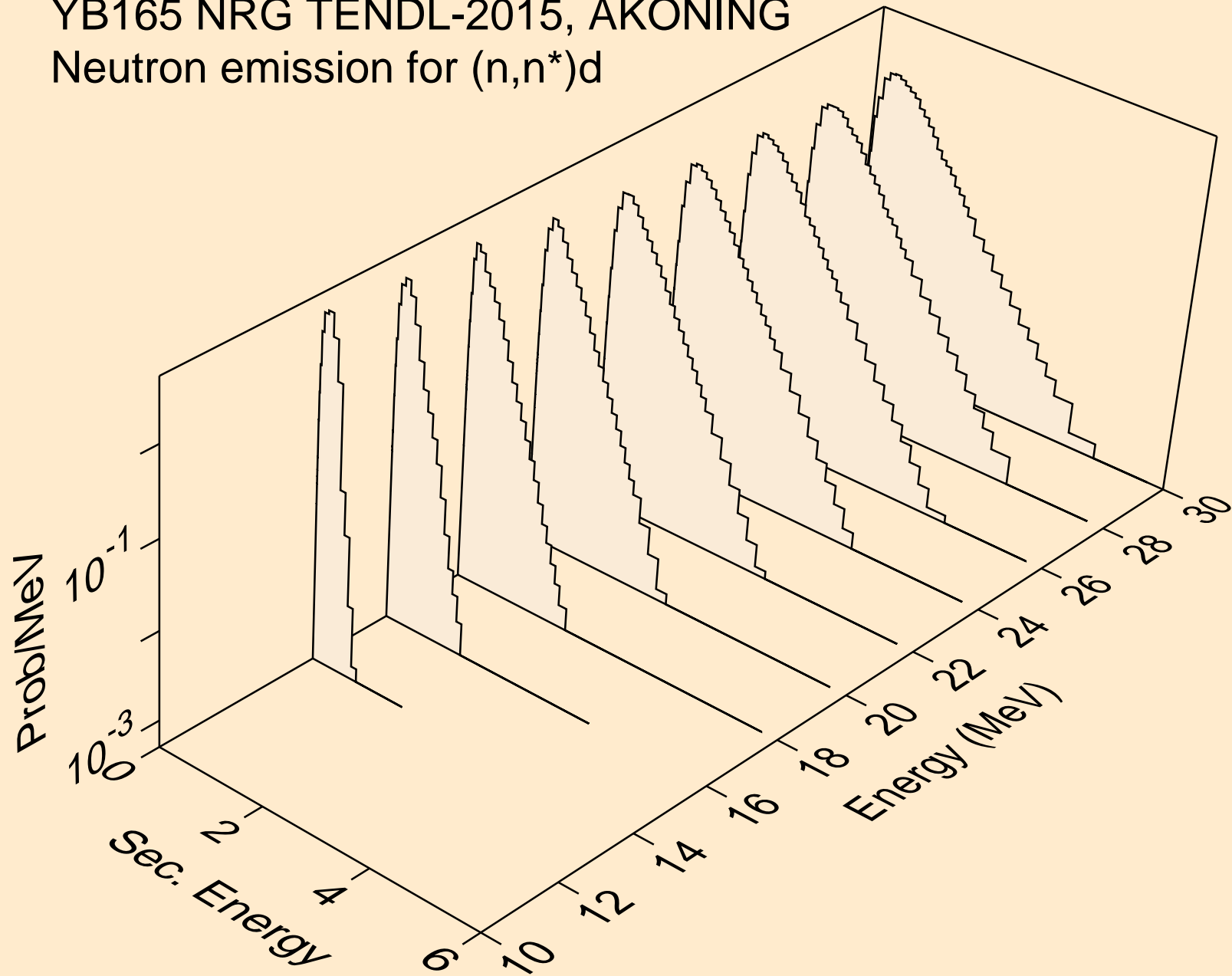


YB165 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a

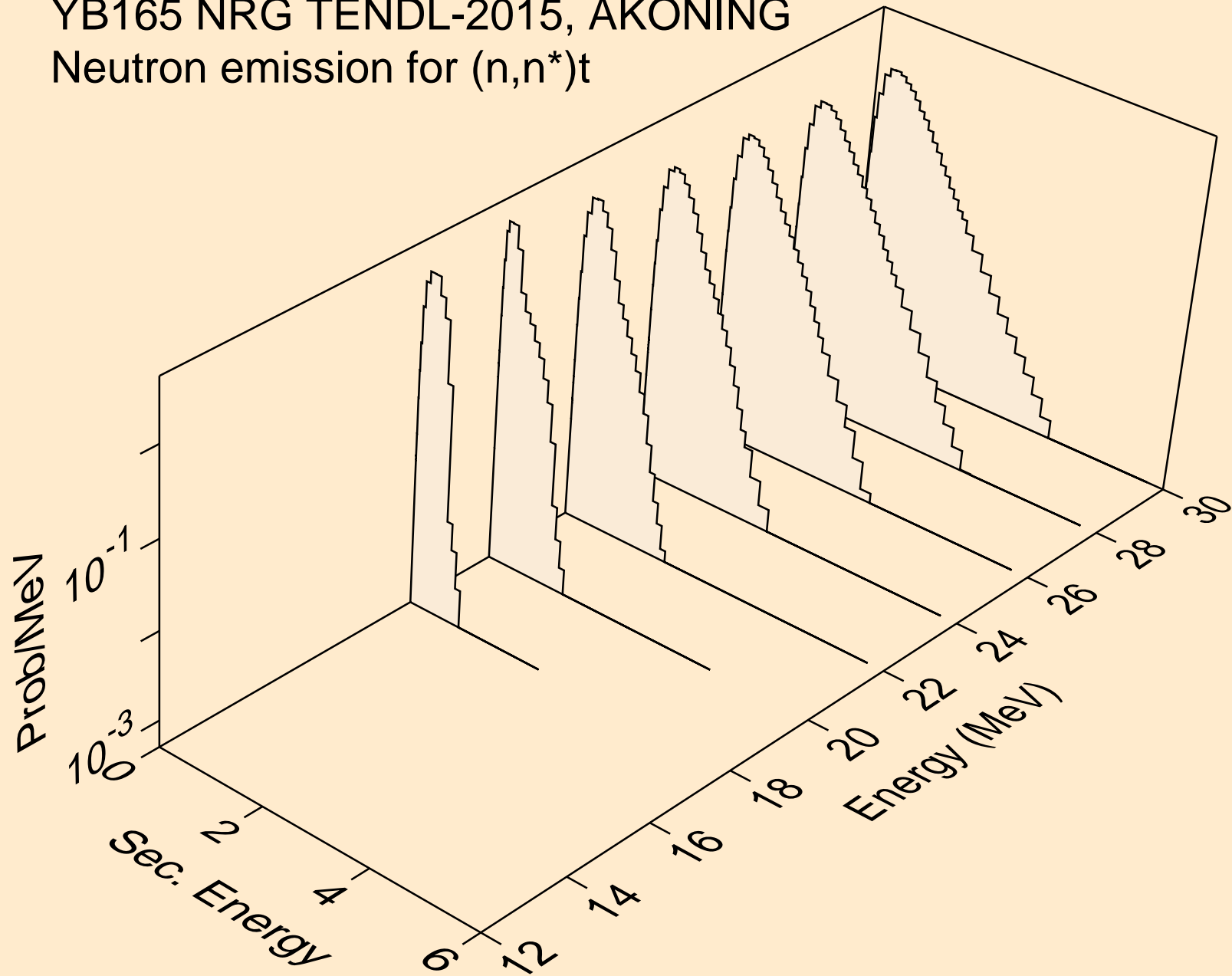




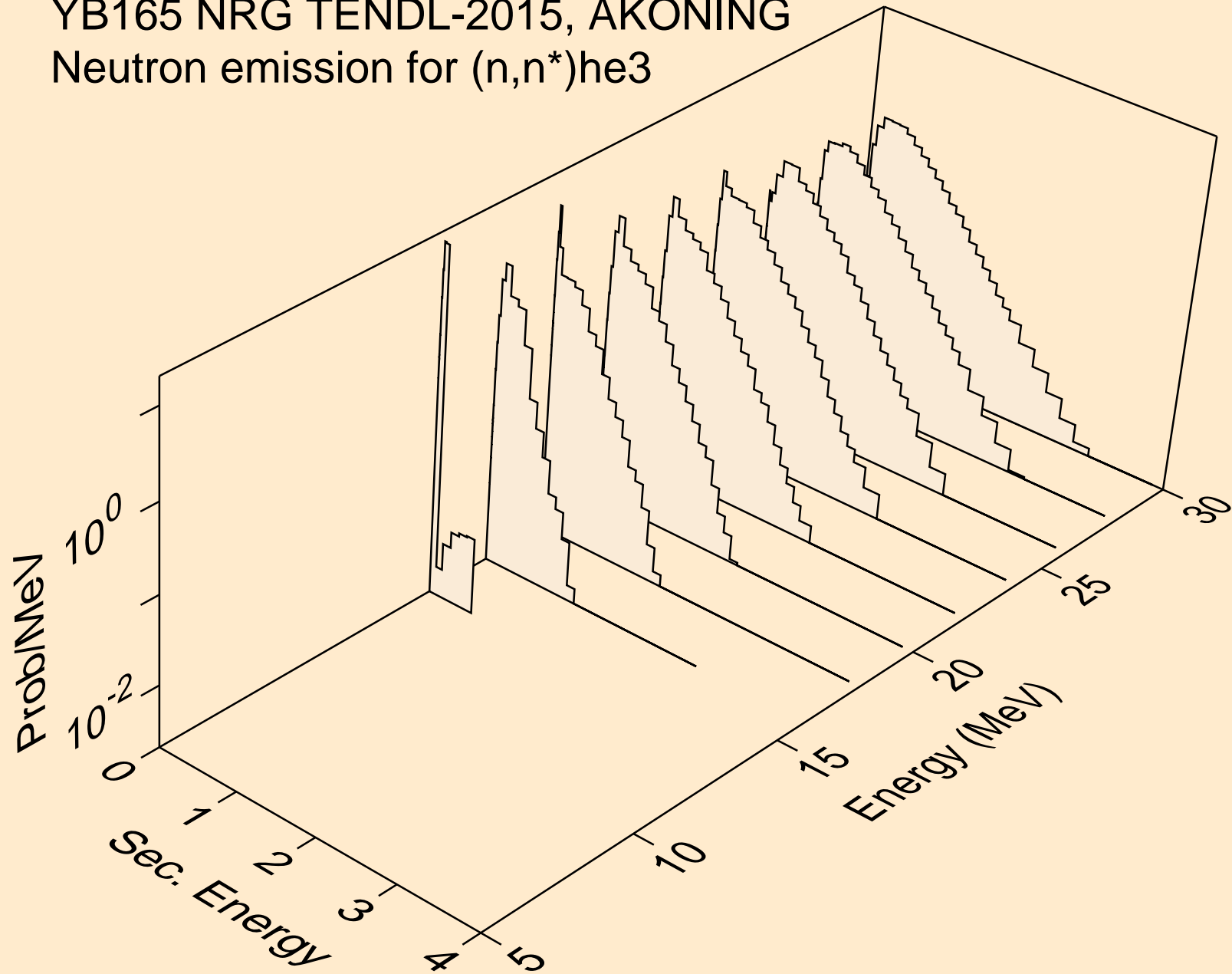
YB165 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



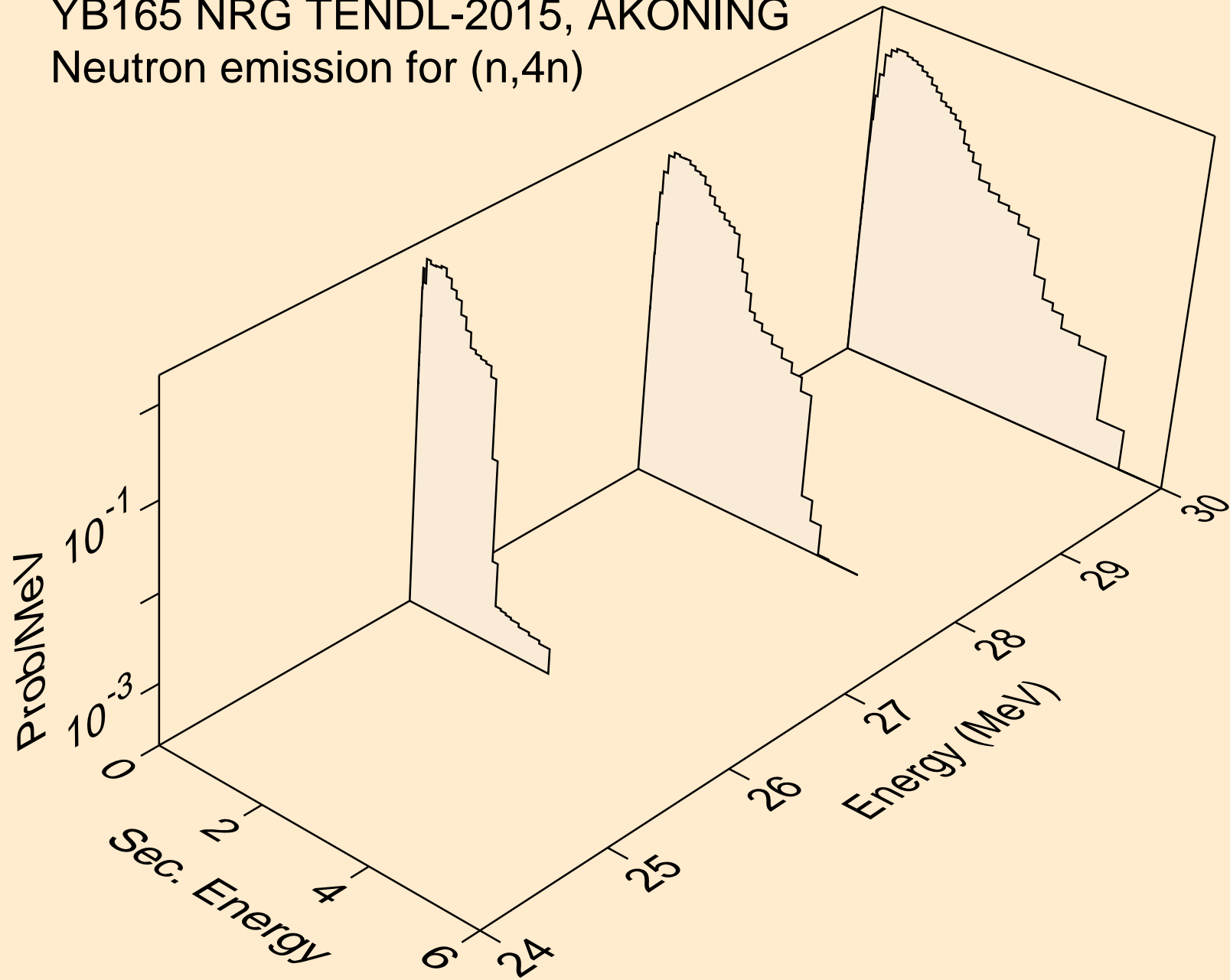
YB165 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



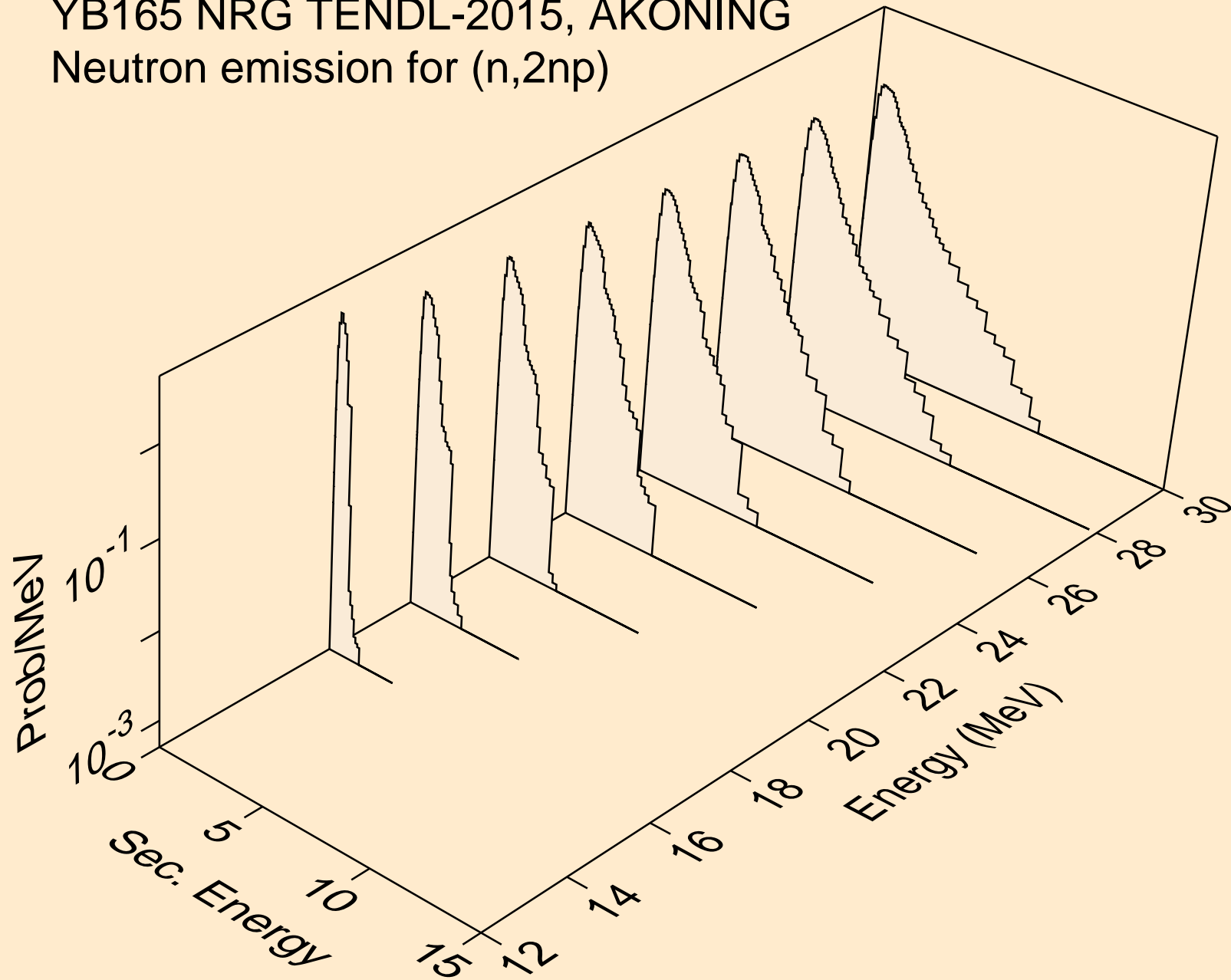
YB165 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



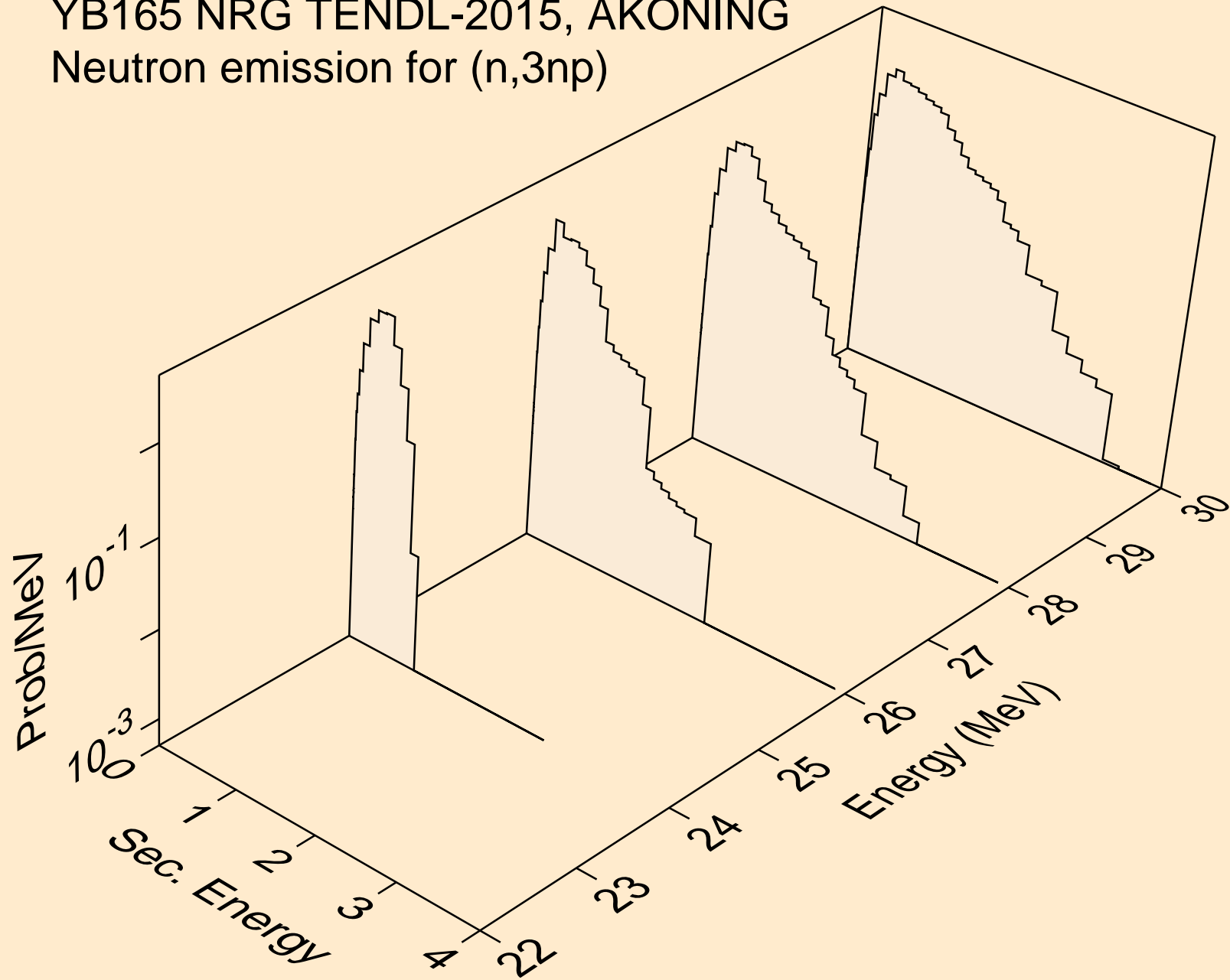
YB165 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



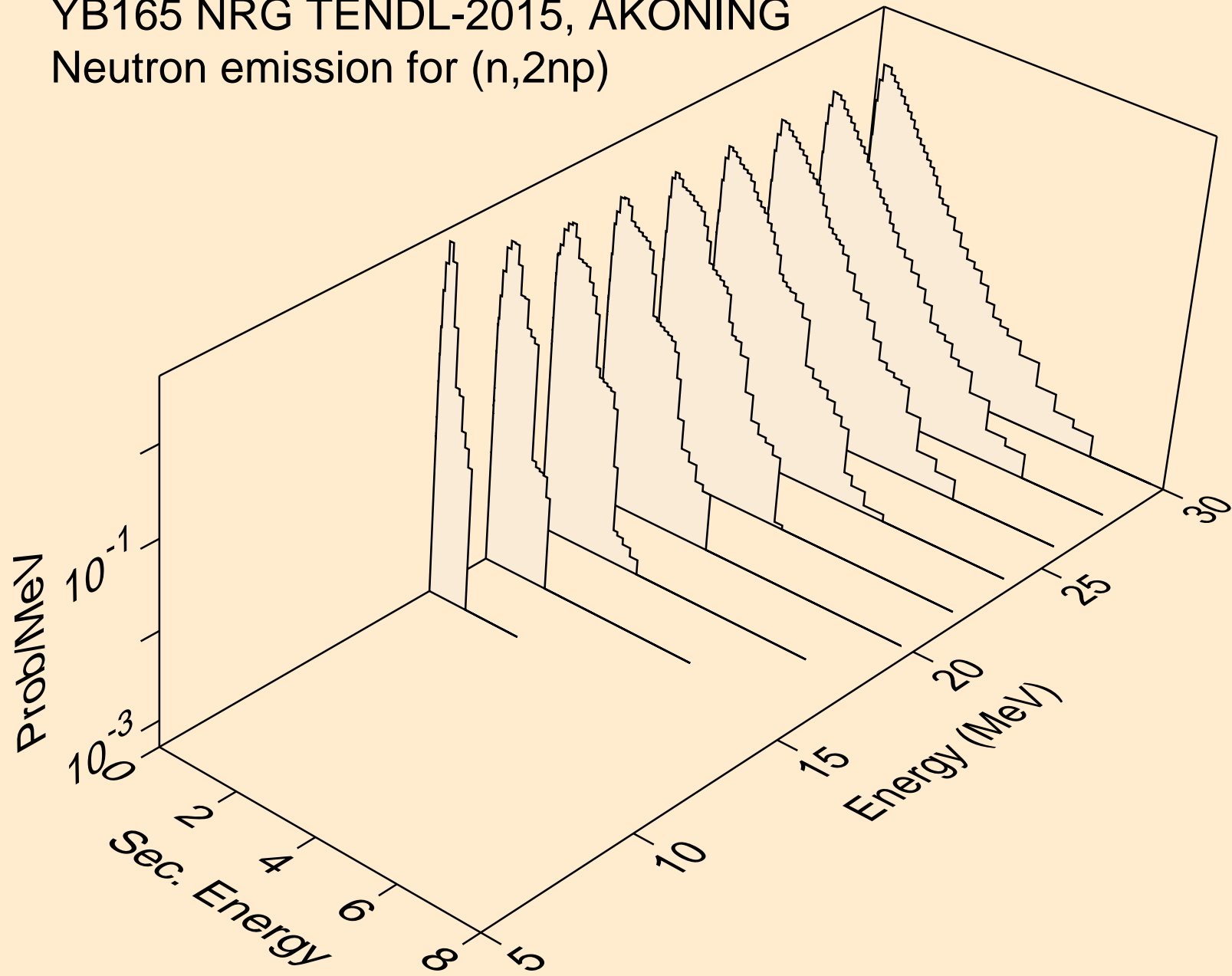
YB165 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



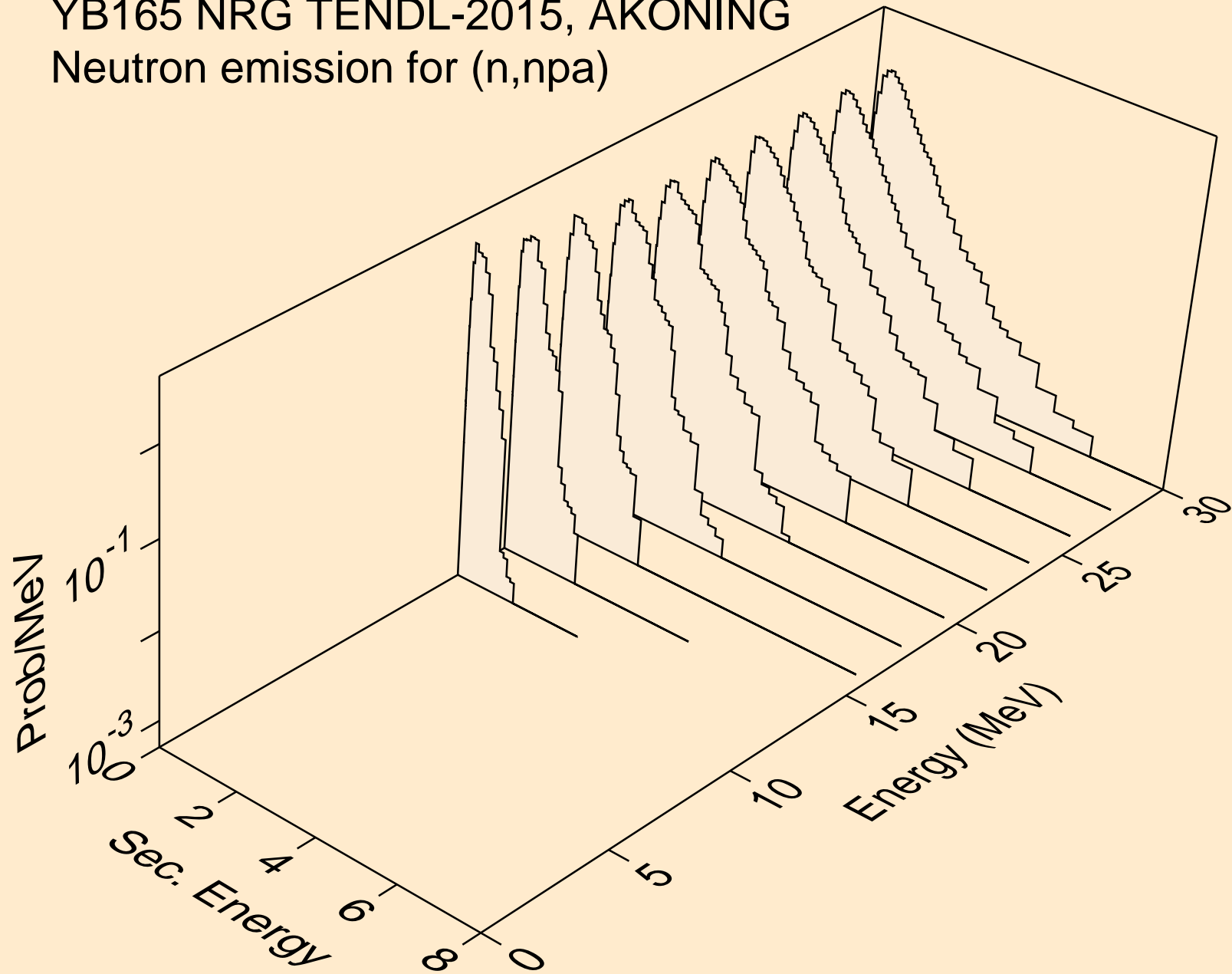
YB165 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



YB165 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

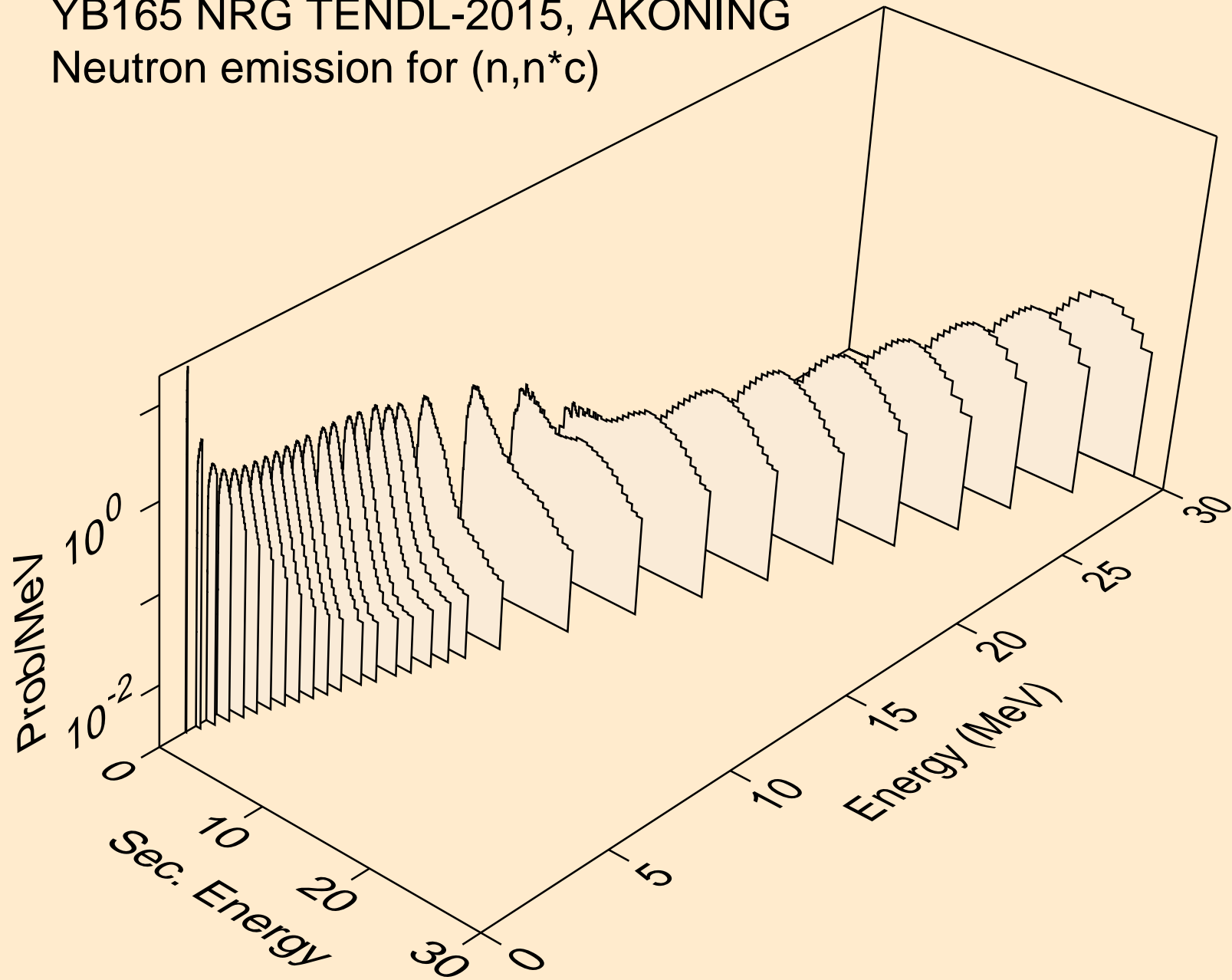


YB165 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

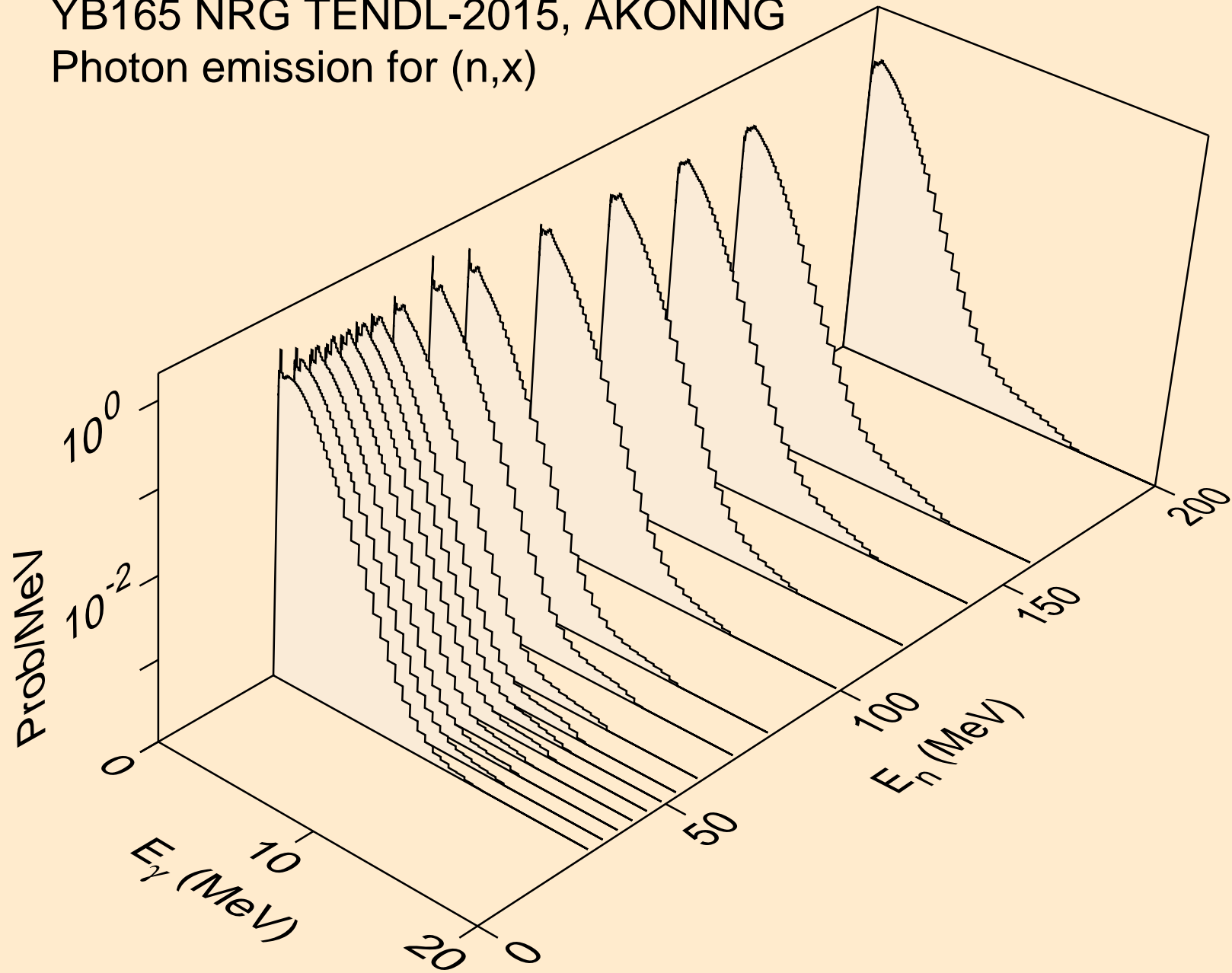




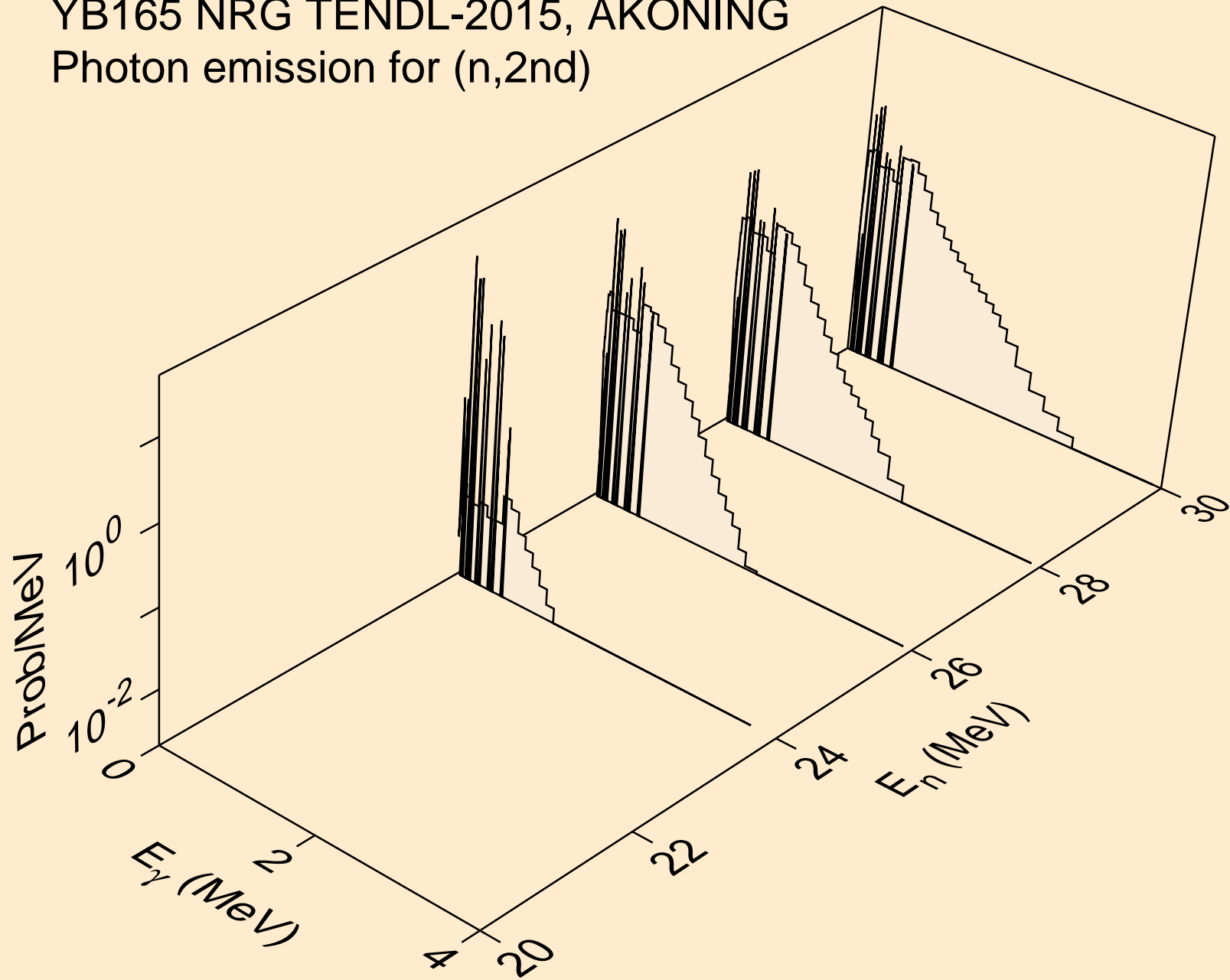
YB165 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



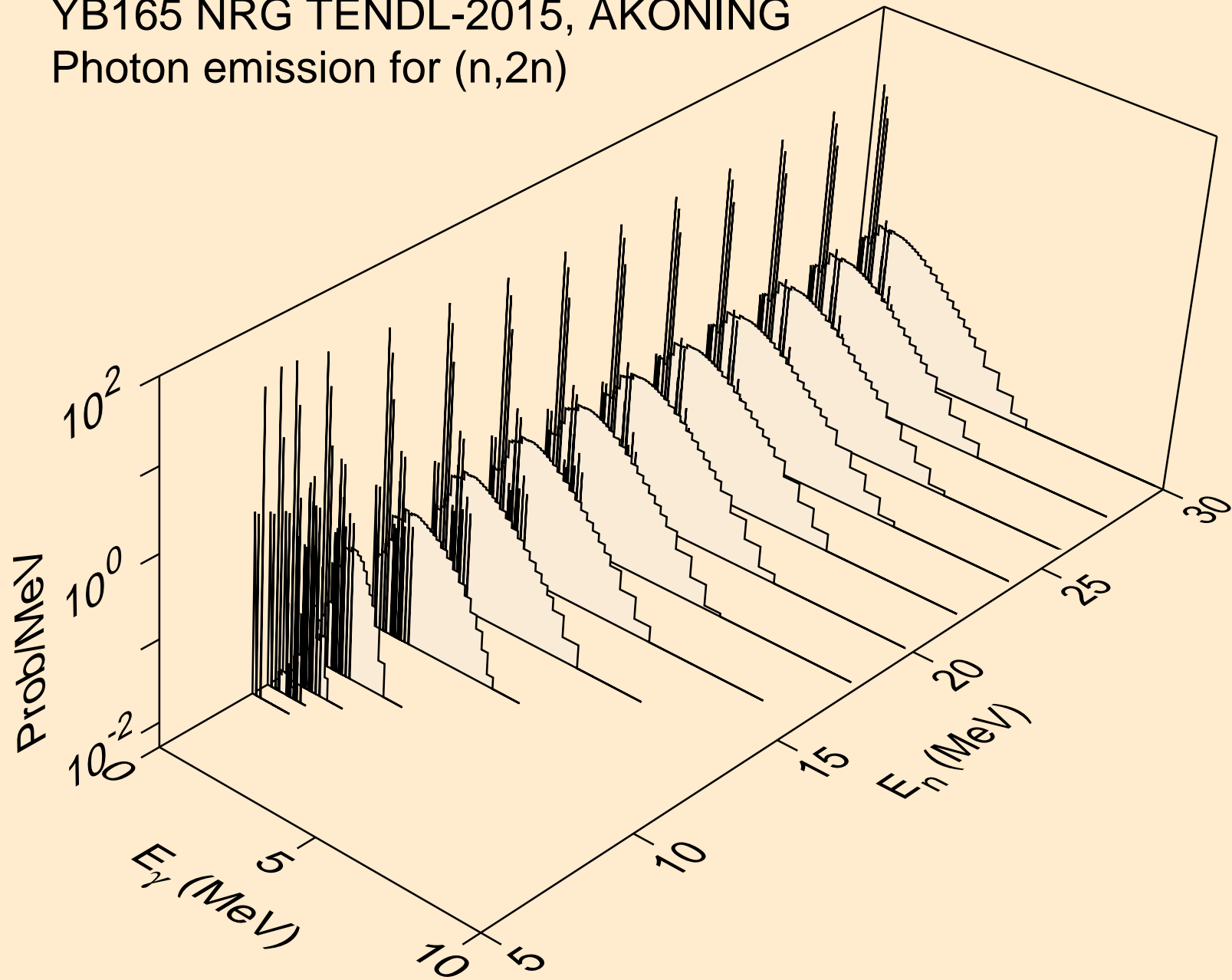
YB165 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



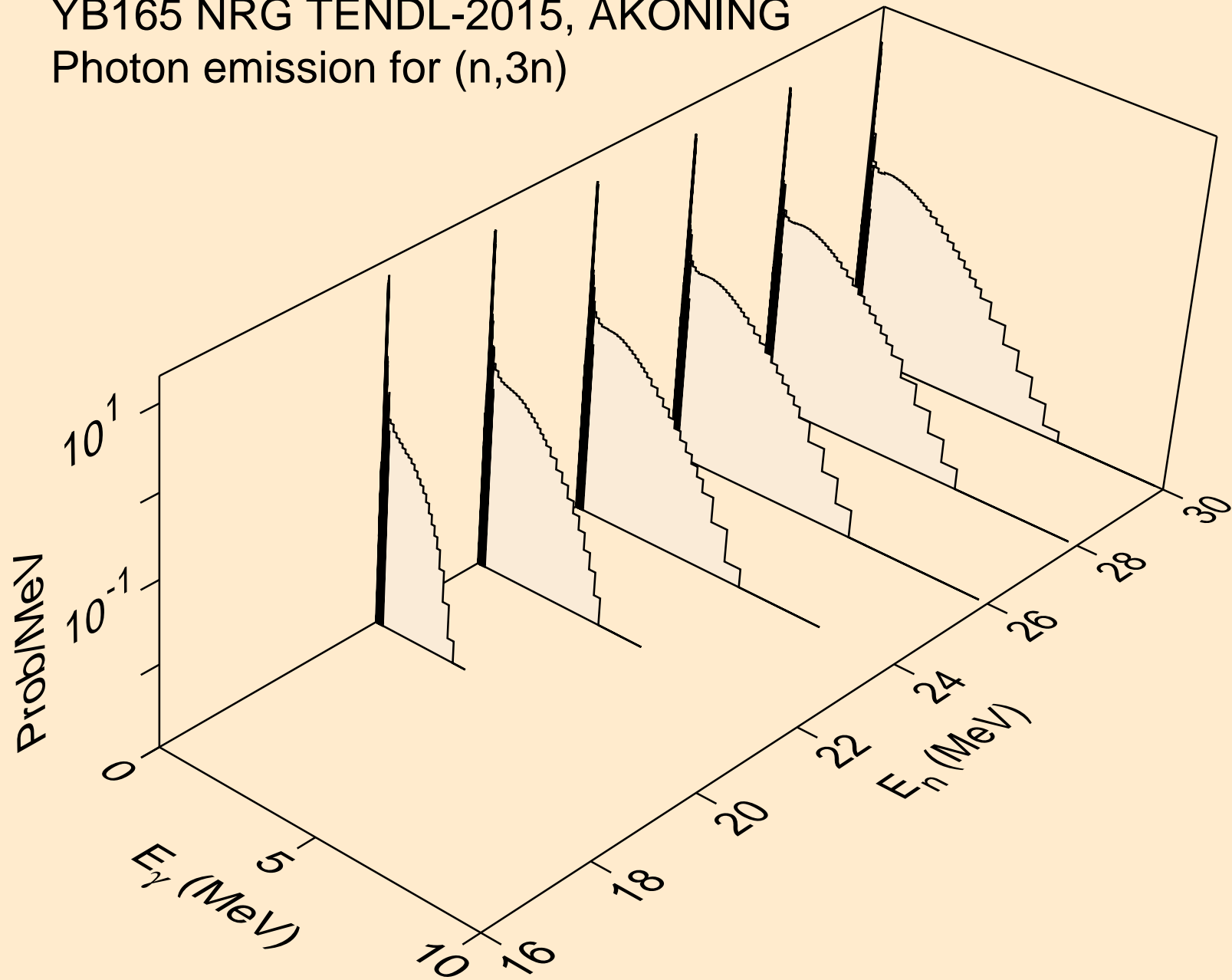
YB165 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



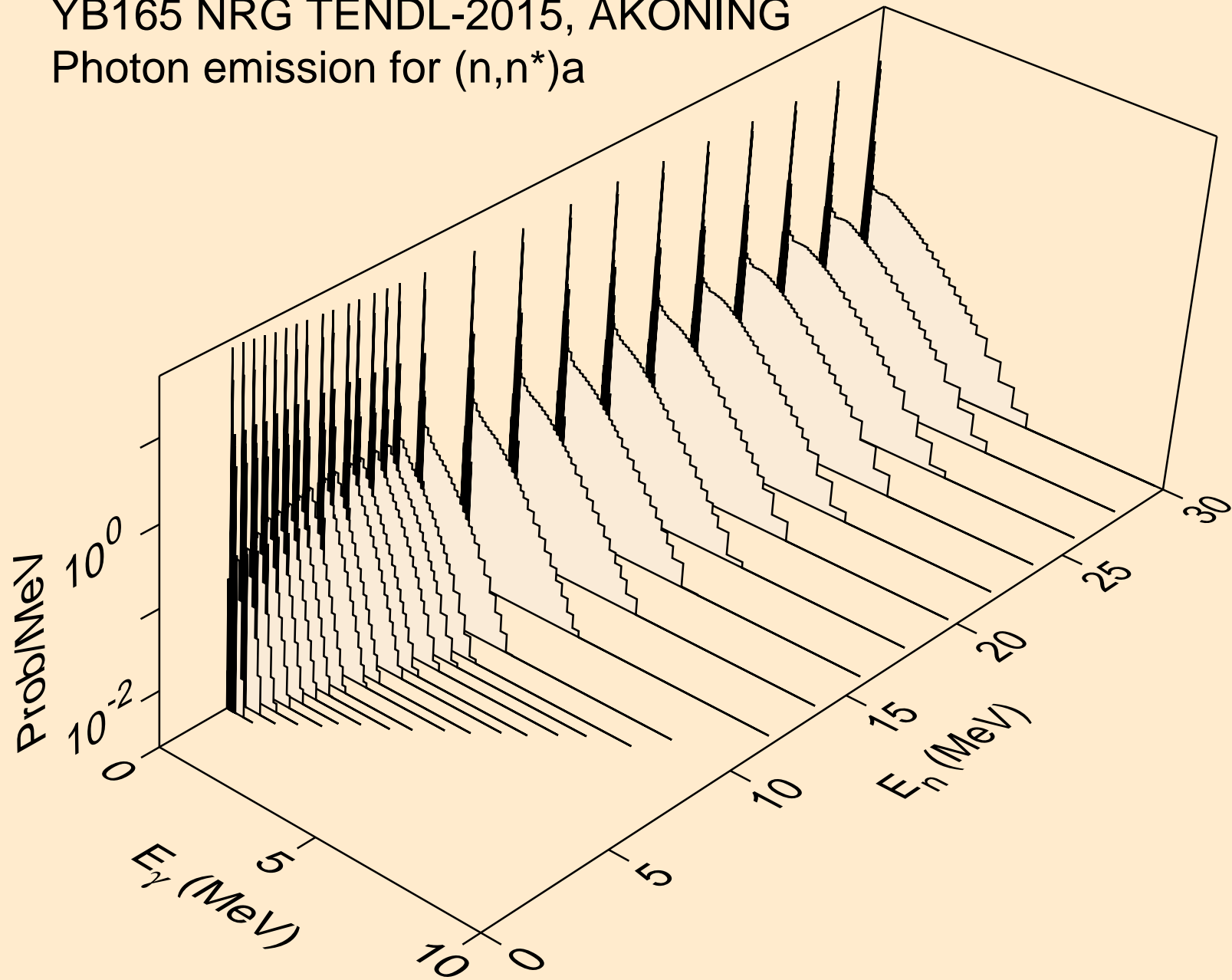
YB165 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



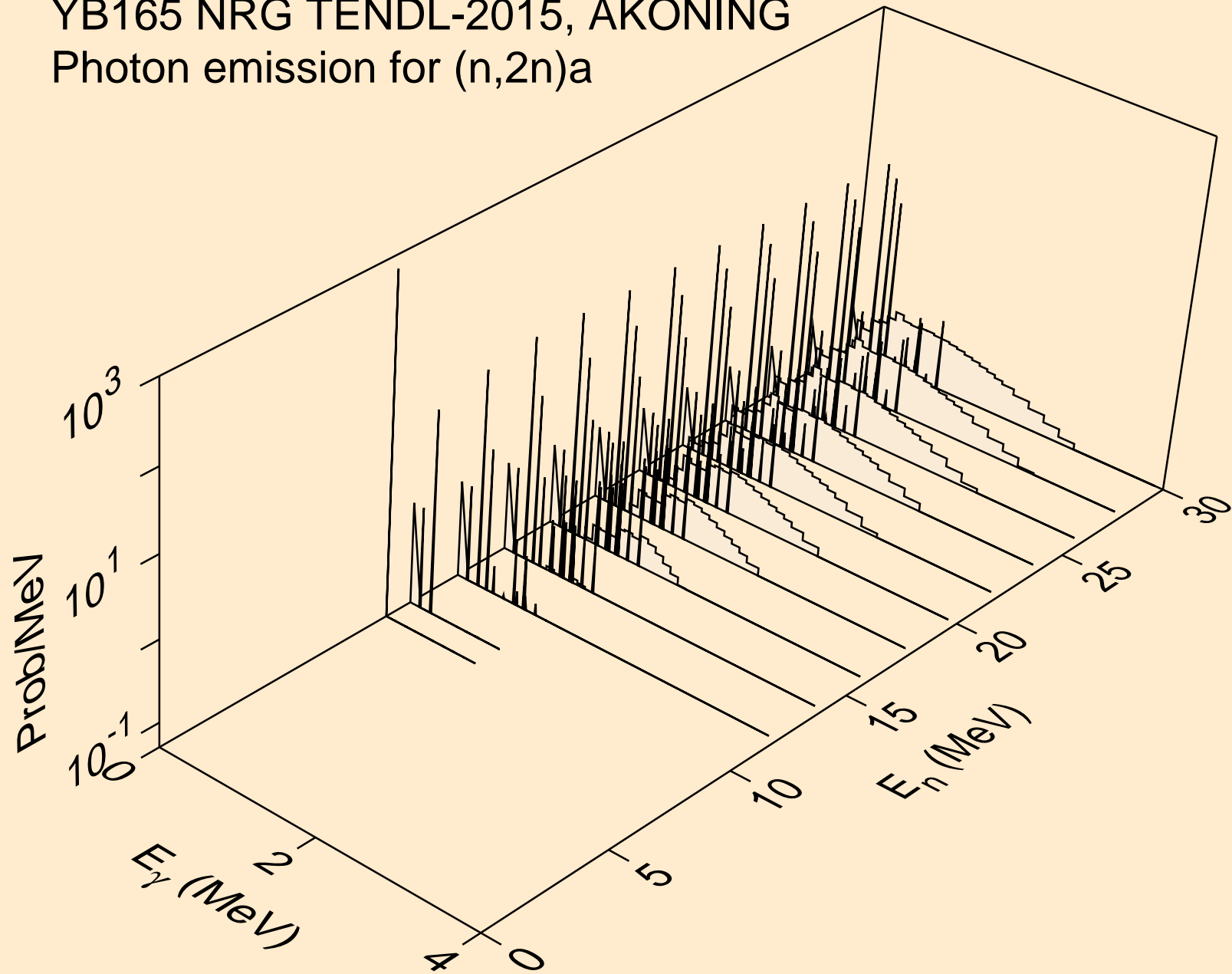
YB165 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



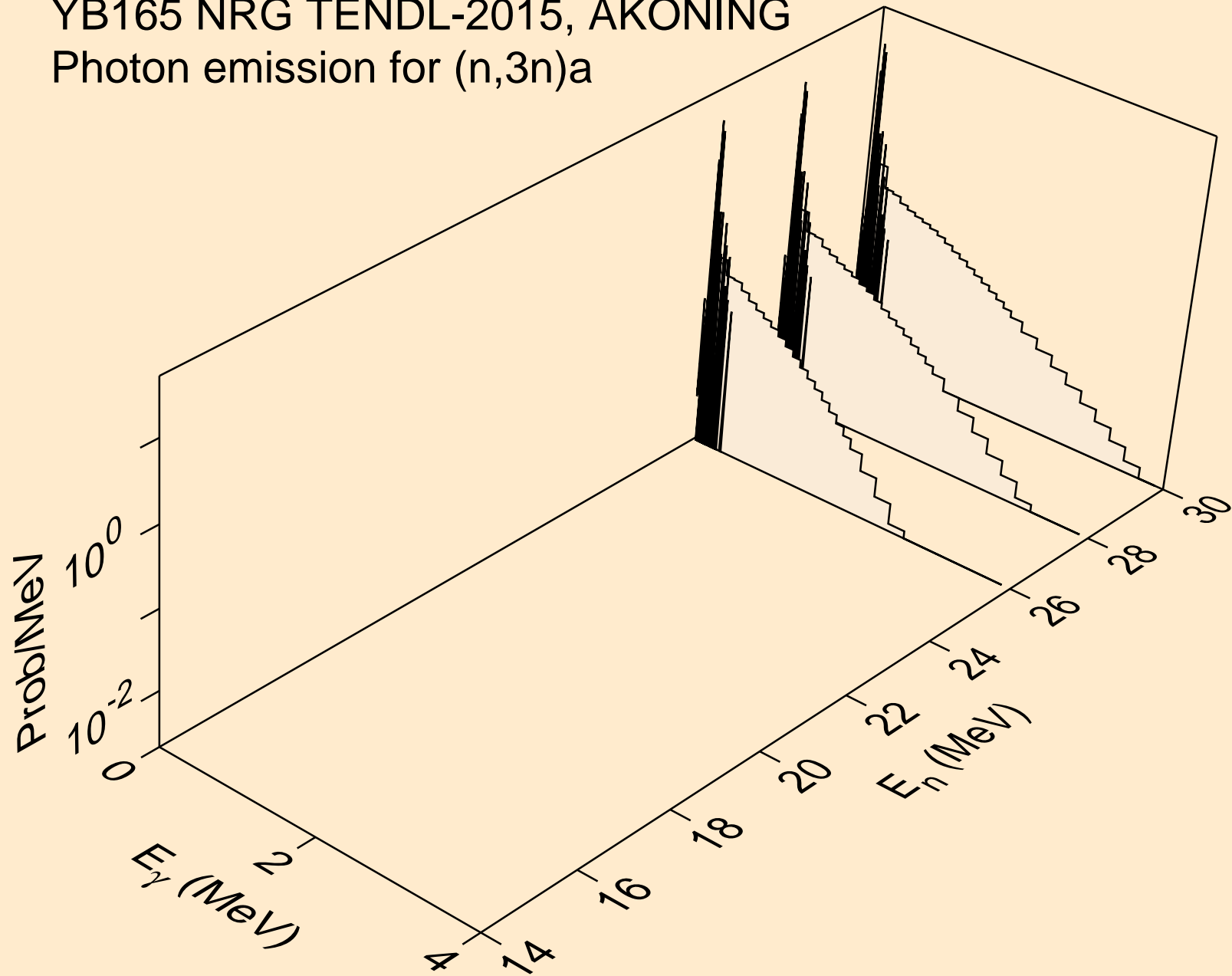
YB165 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



YB165 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

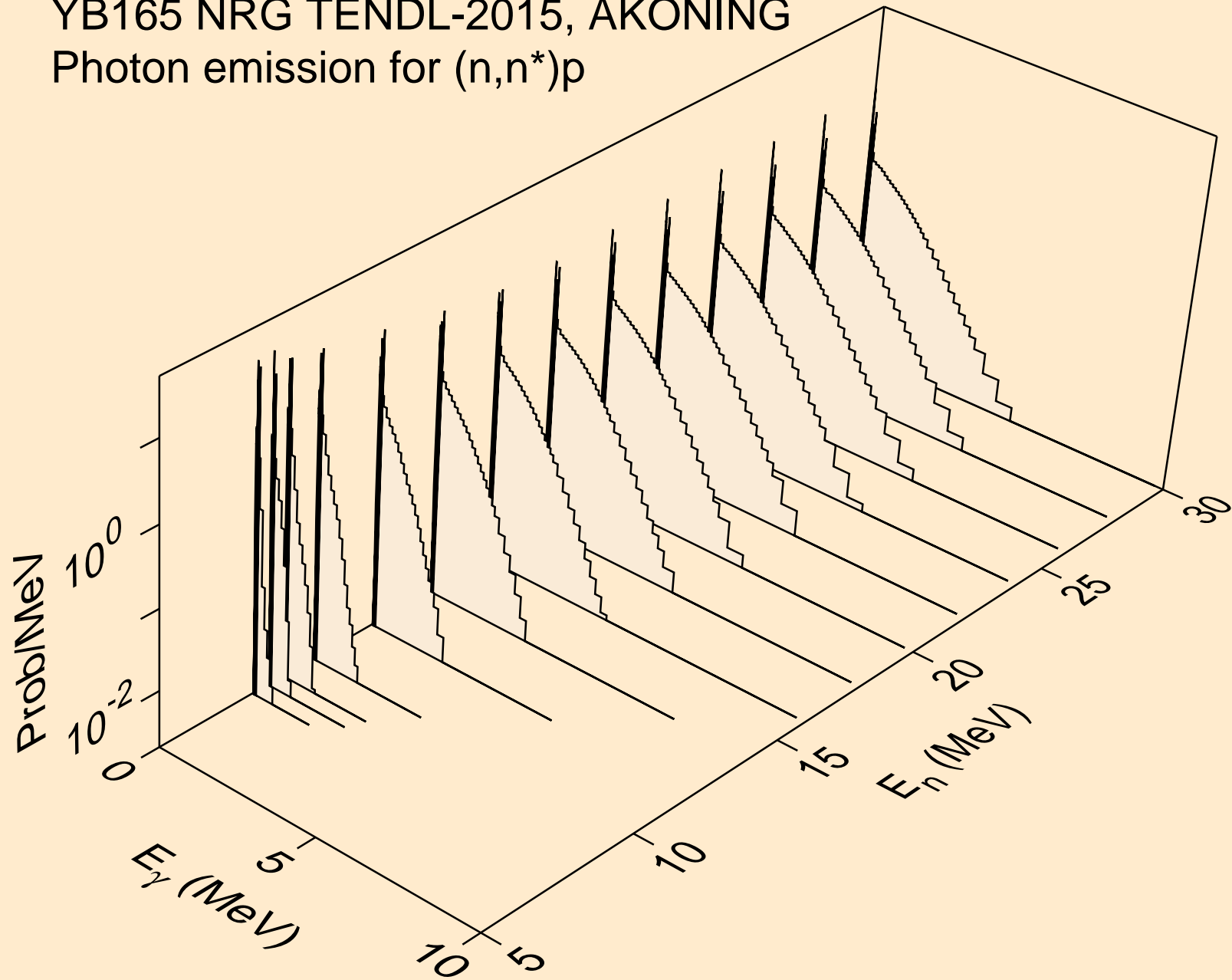


YB165 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a

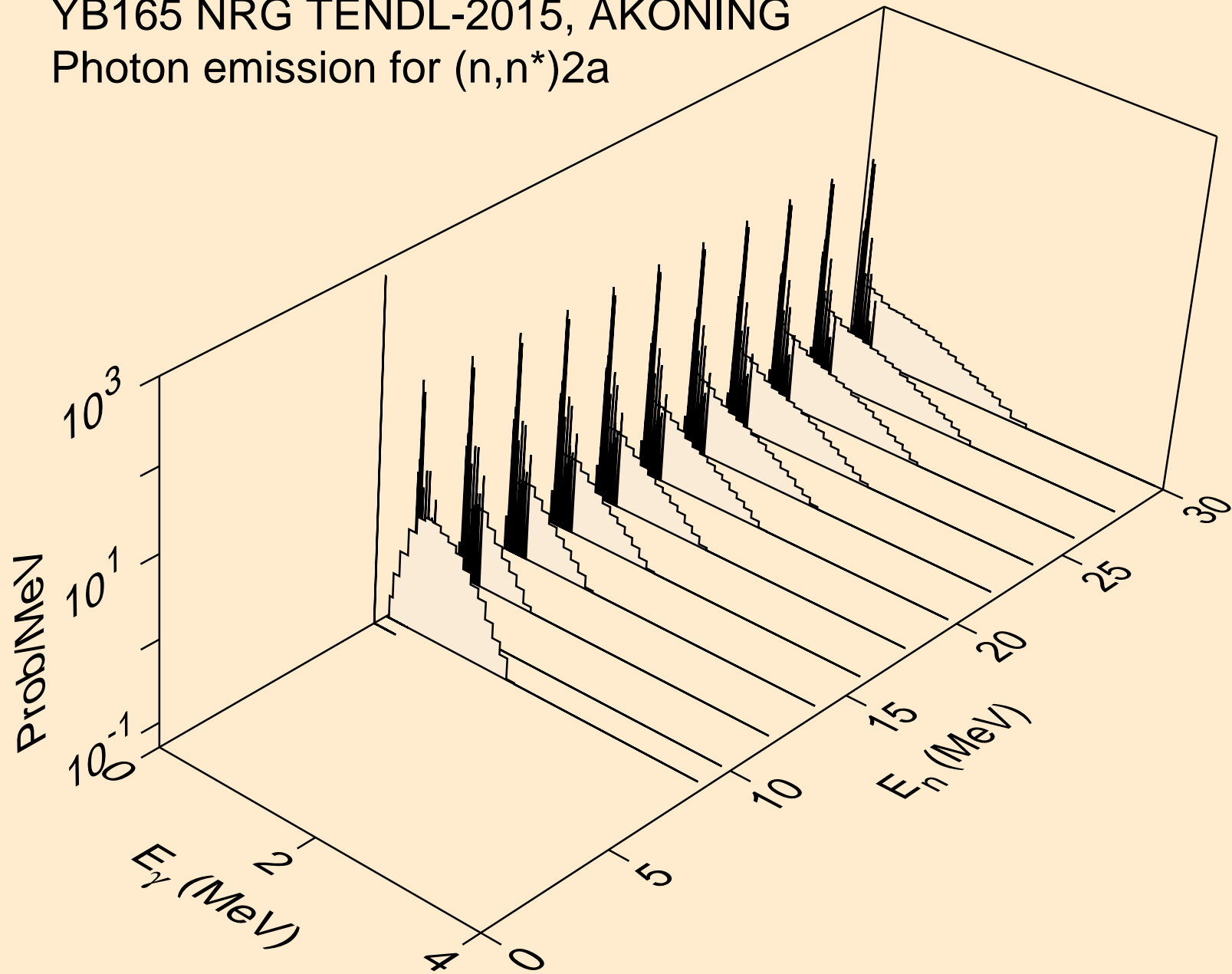




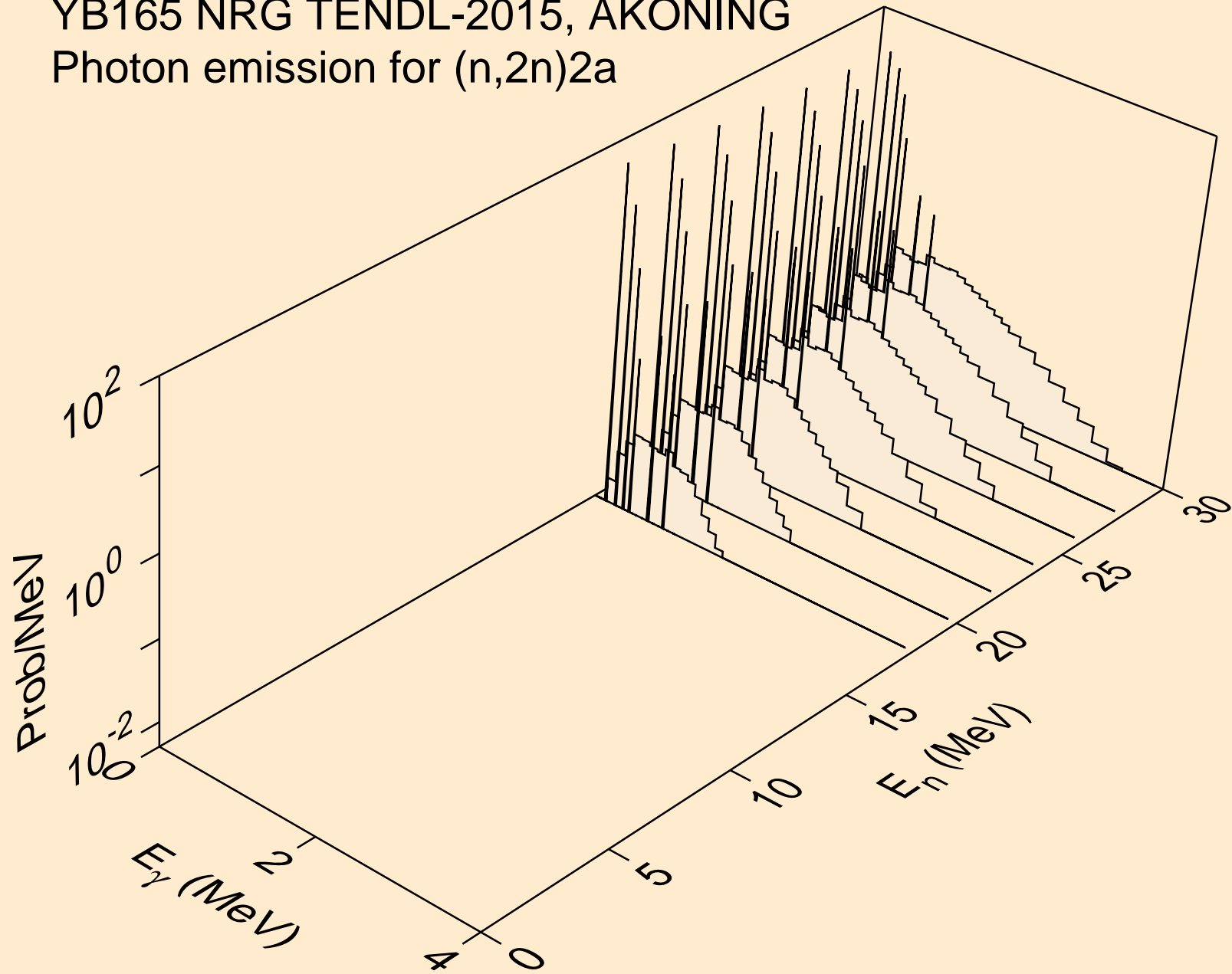
YB165 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



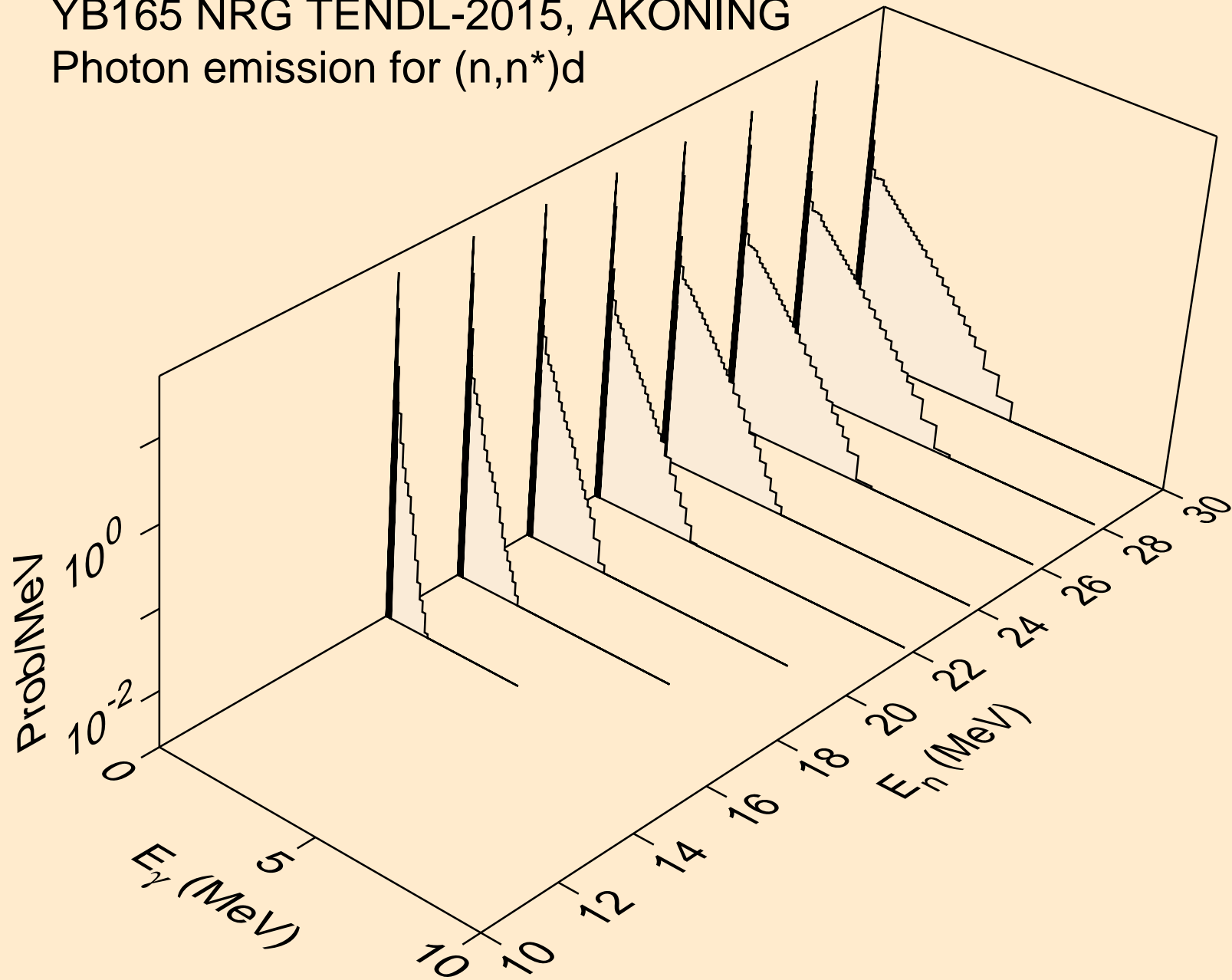
YB165 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



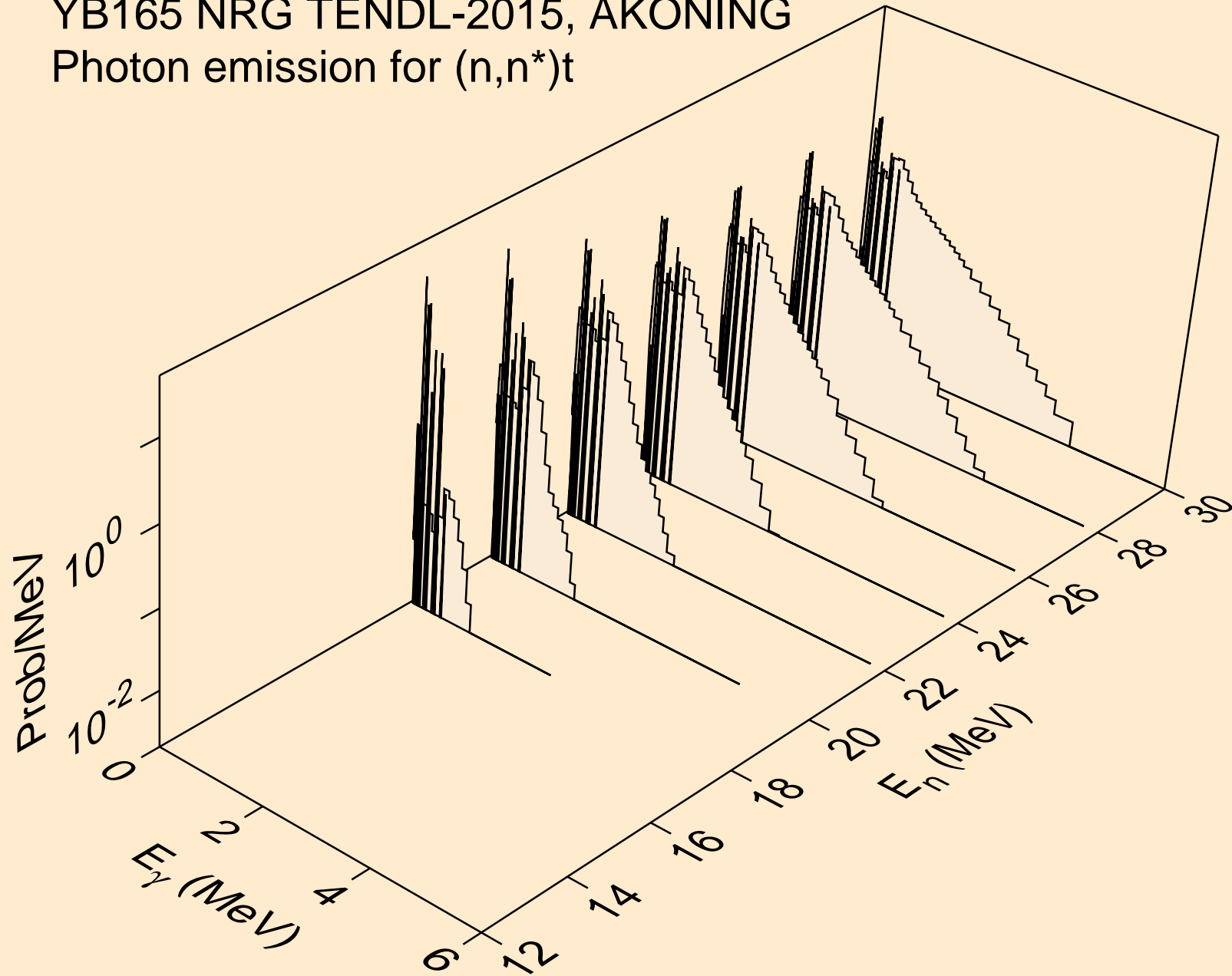
YB165 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



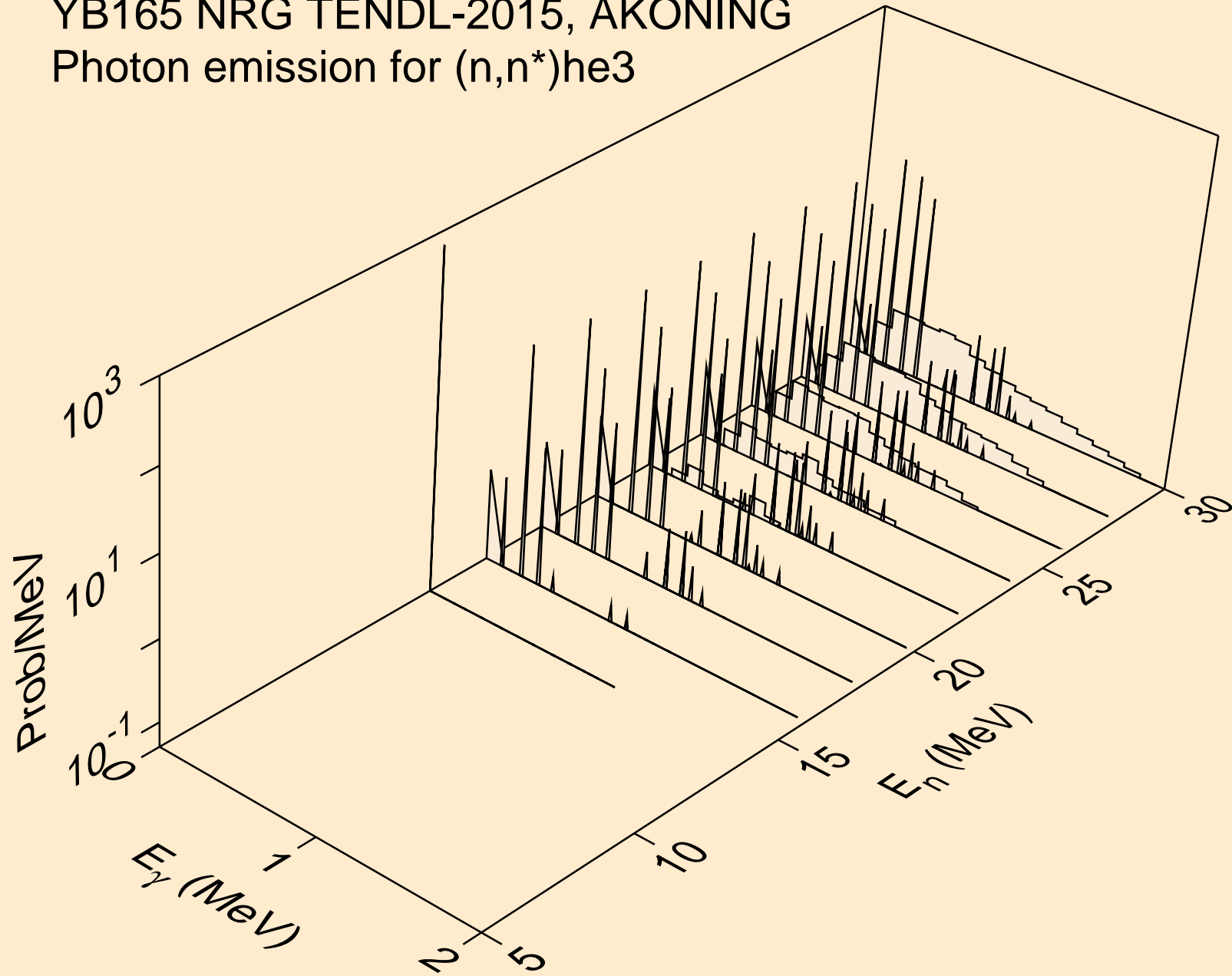
YB165 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



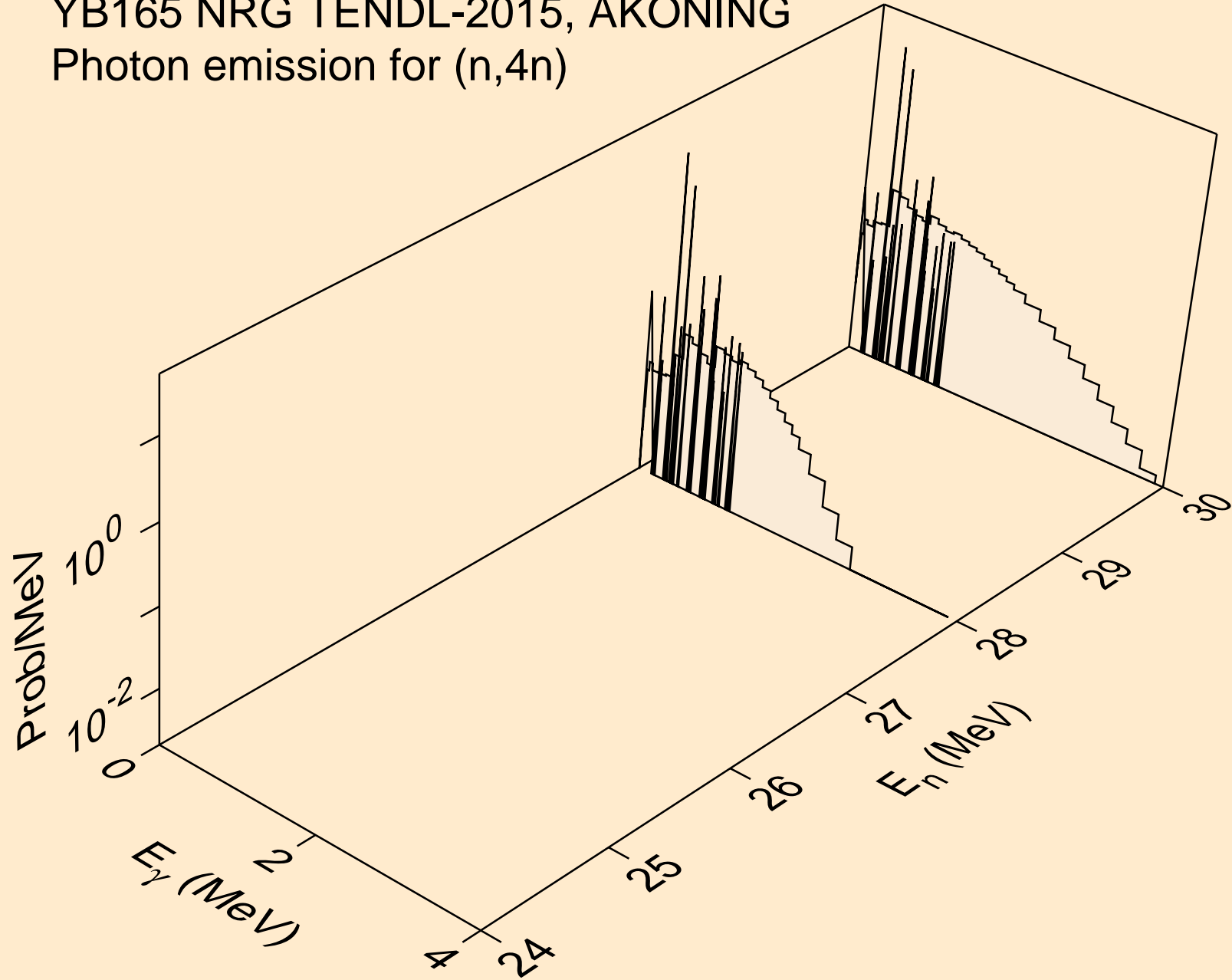
YB165 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



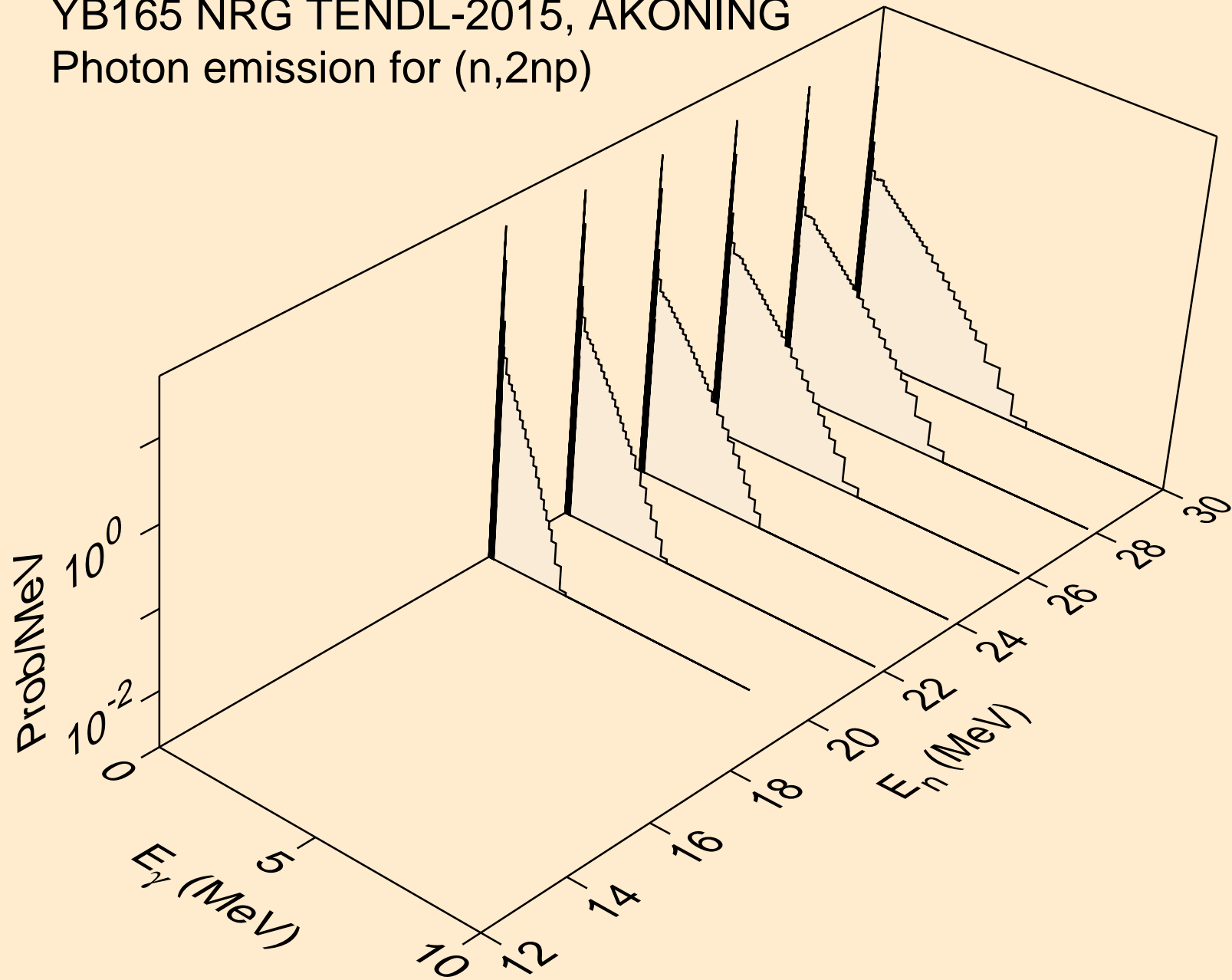
YB165 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



YB165 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)

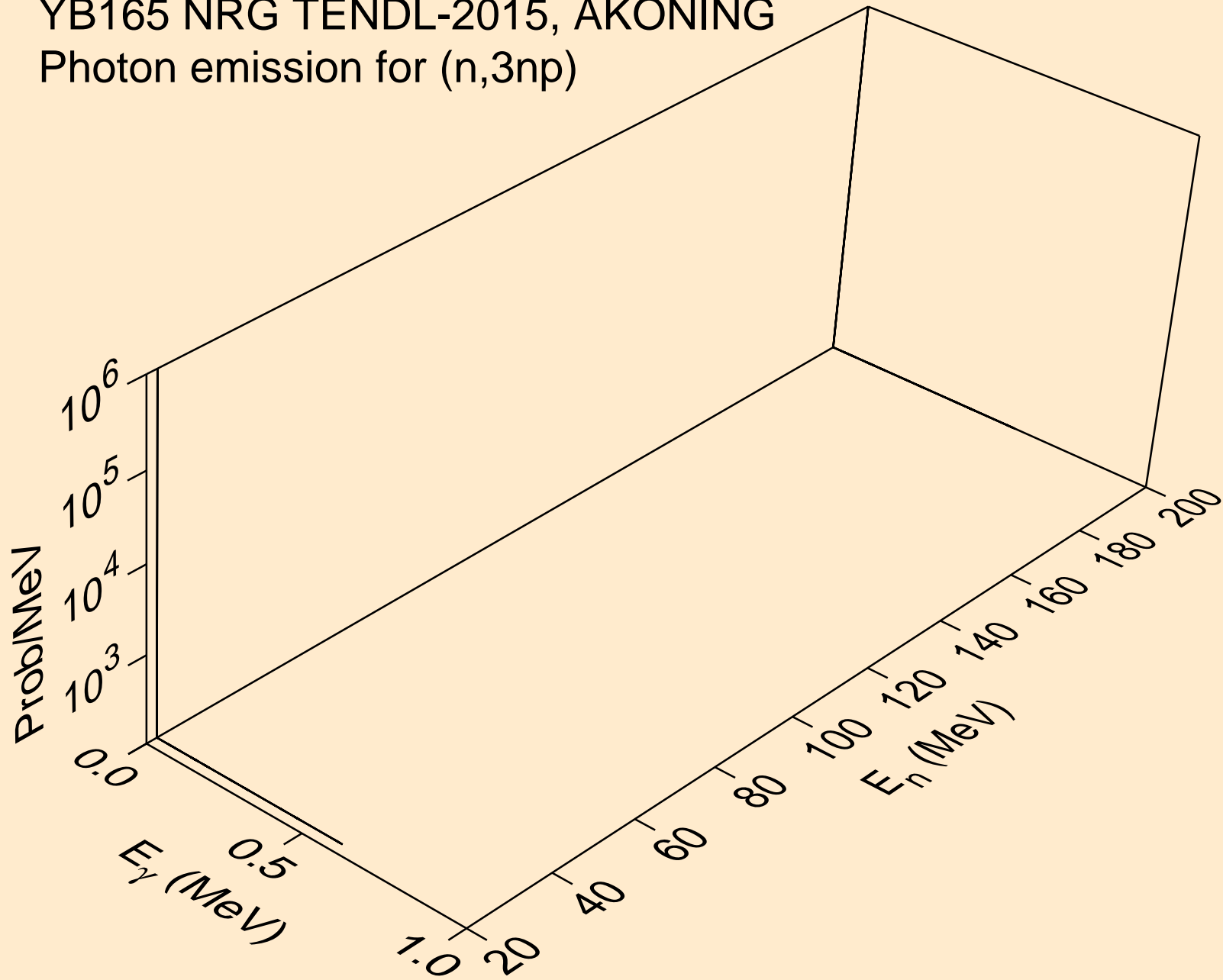


YB165 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

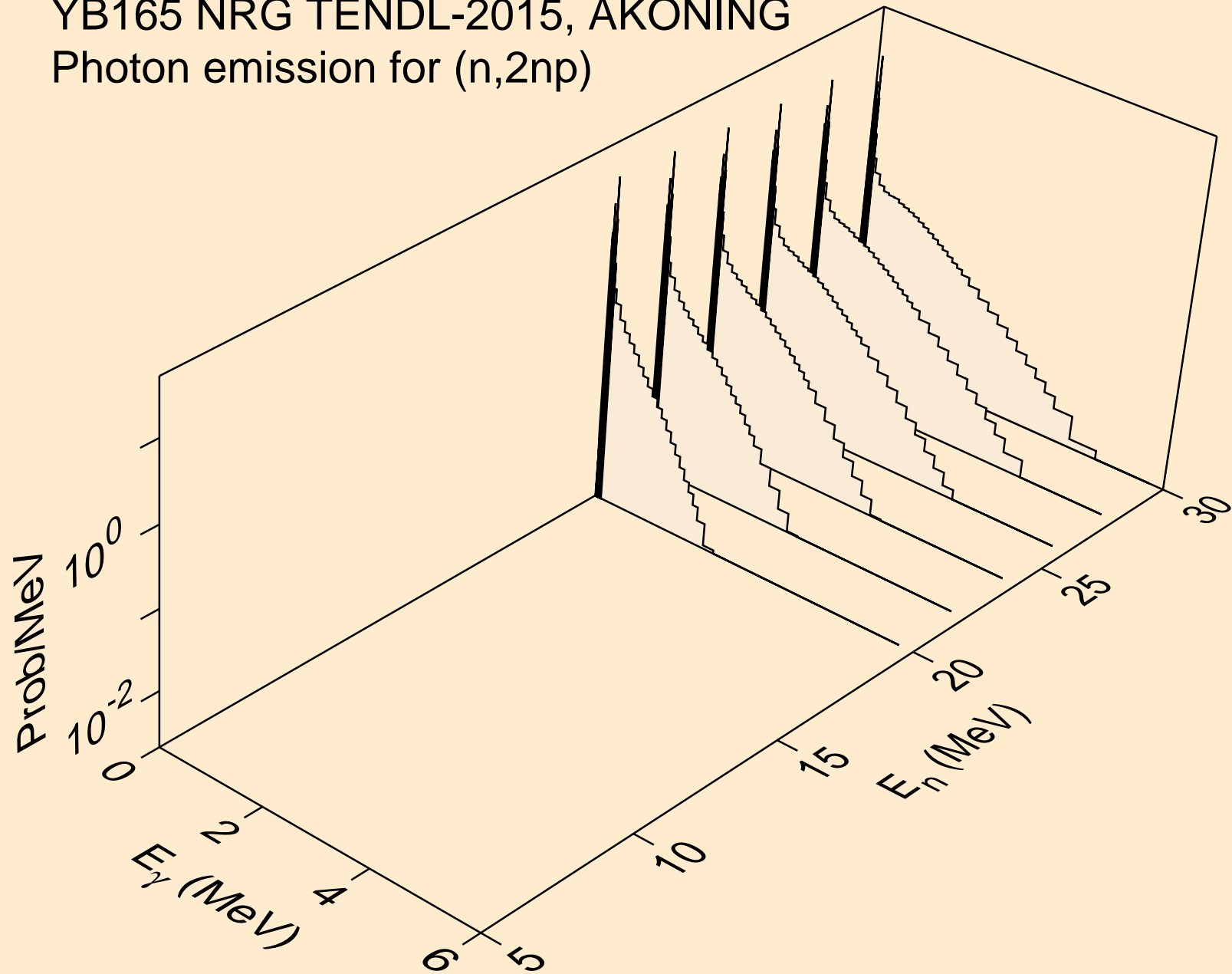




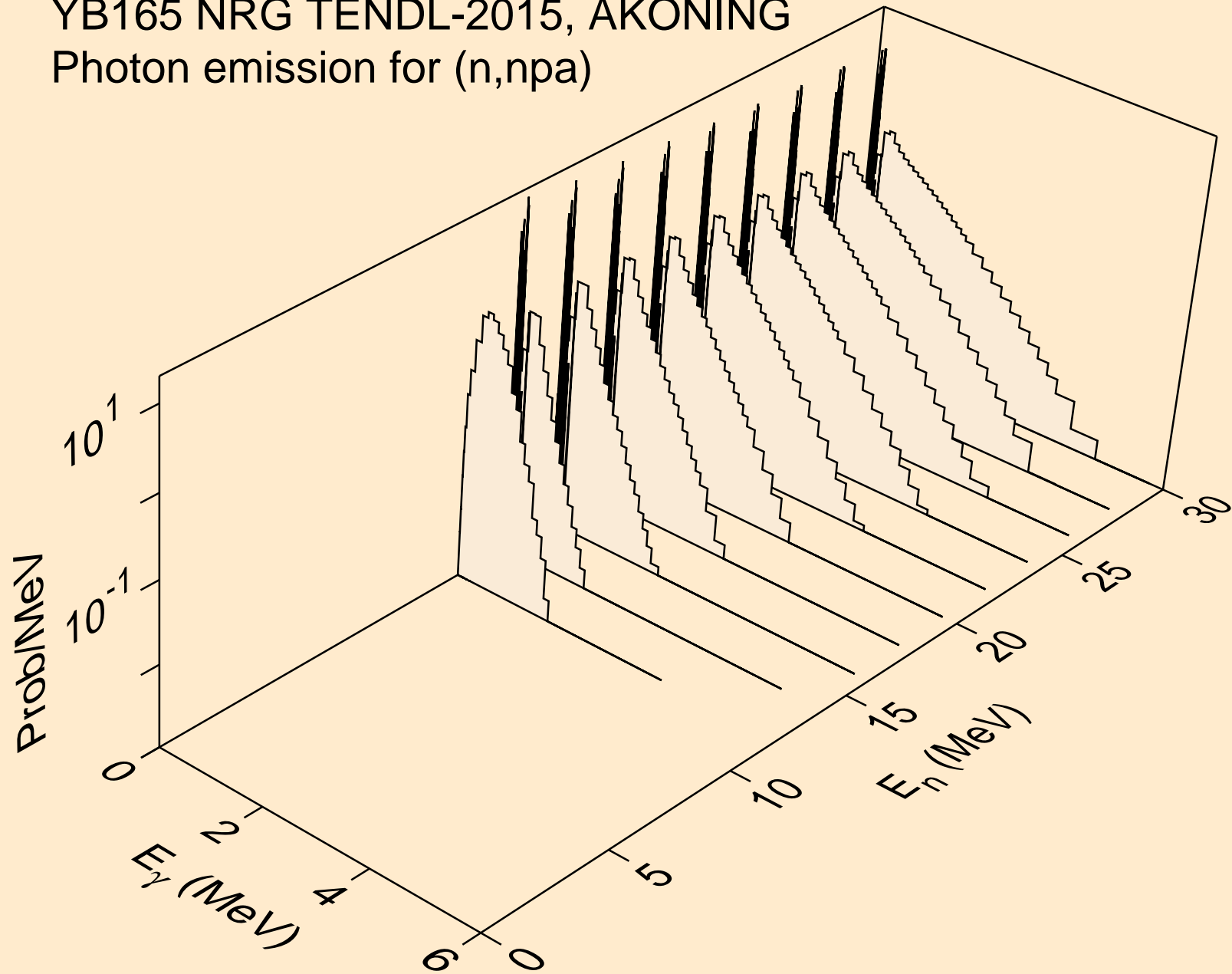
YB165 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



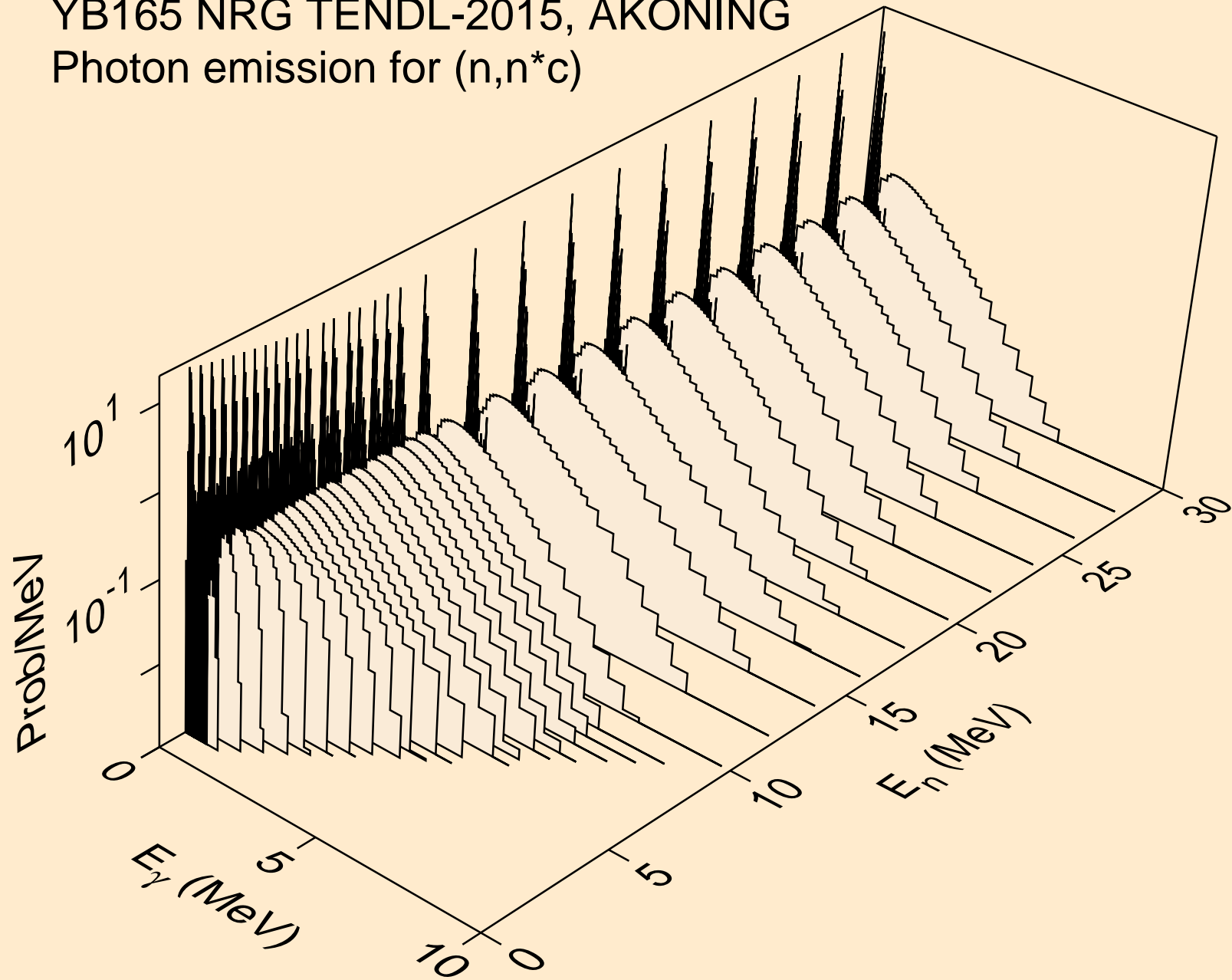
YB165 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



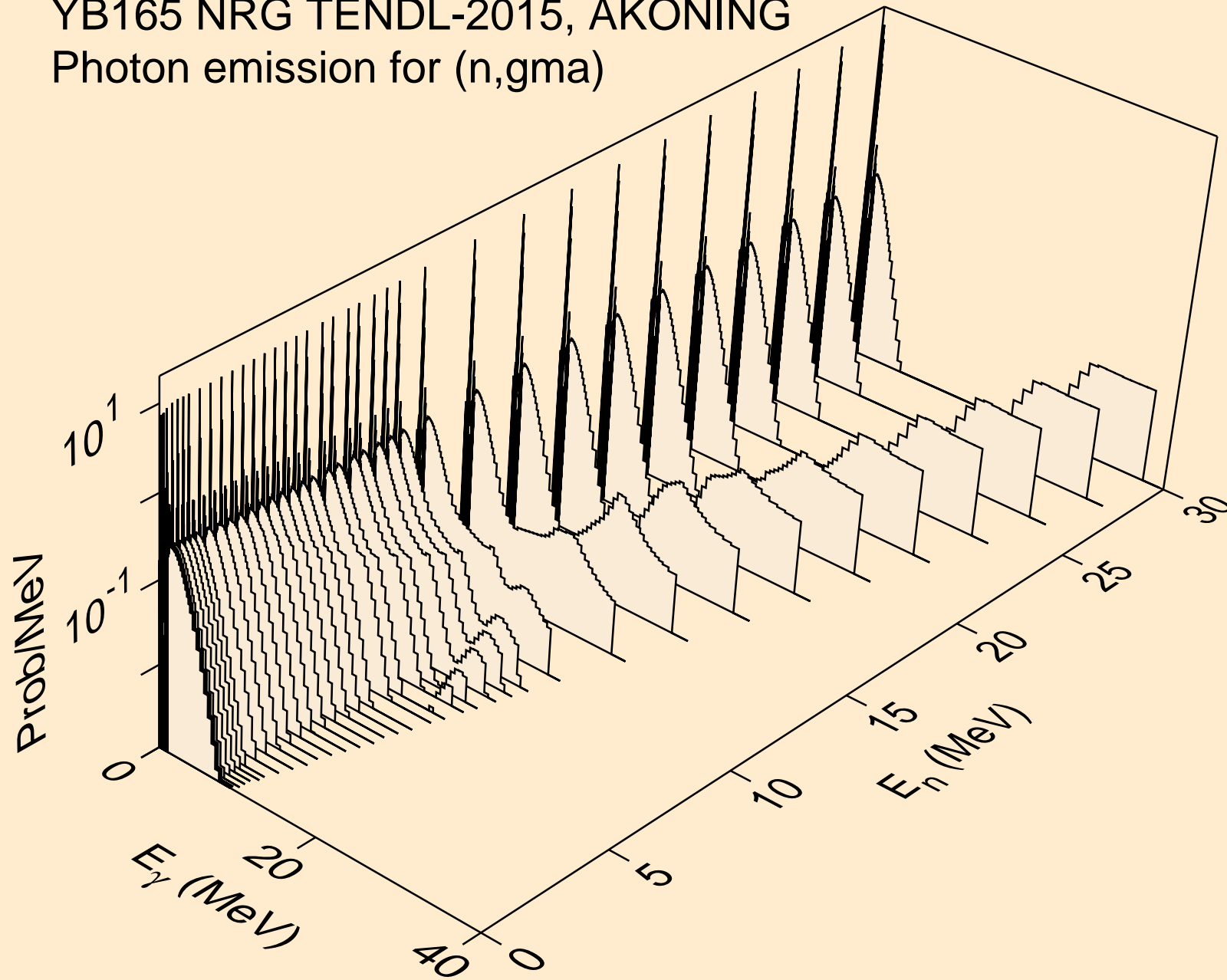
YB165 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



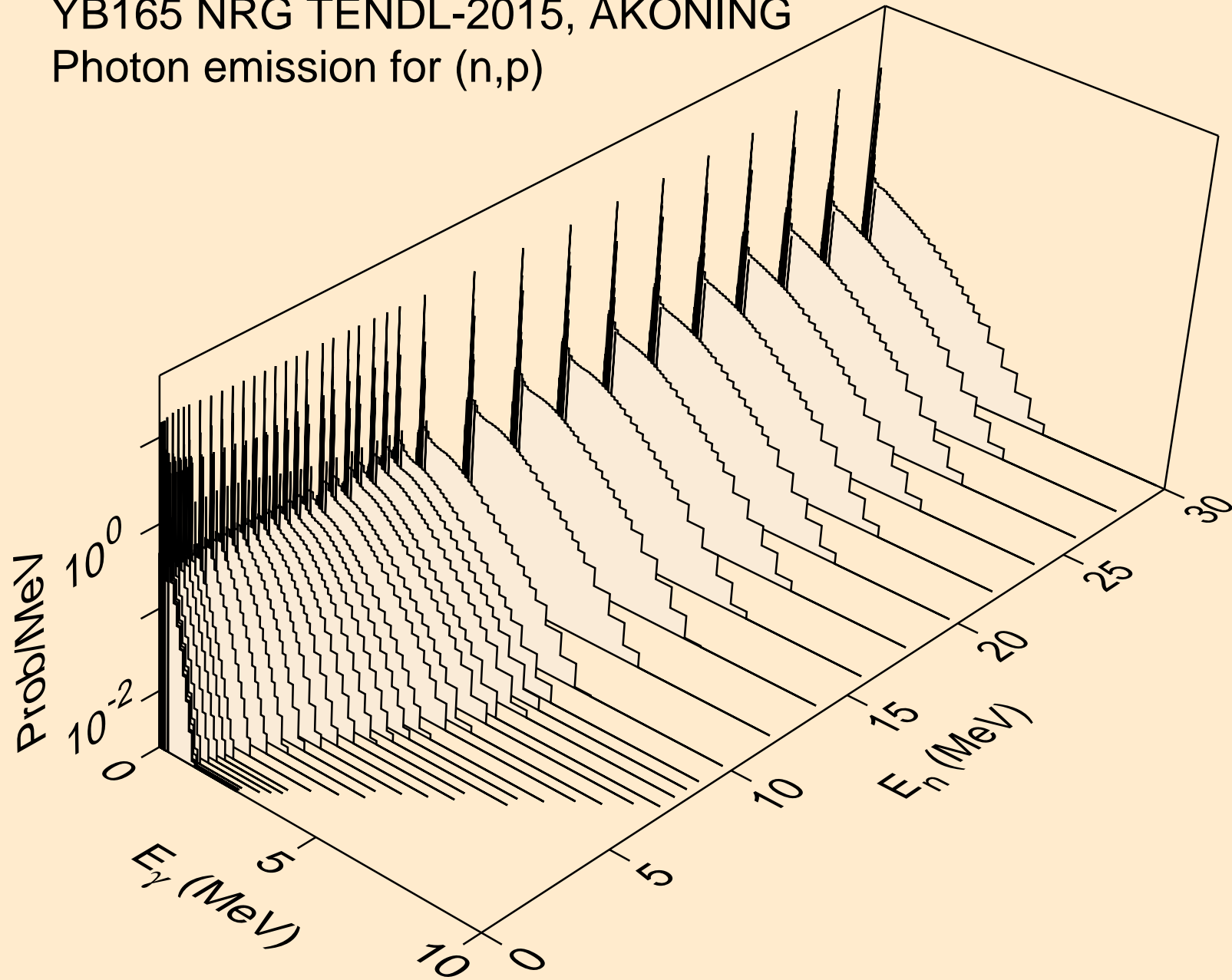
YB165 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



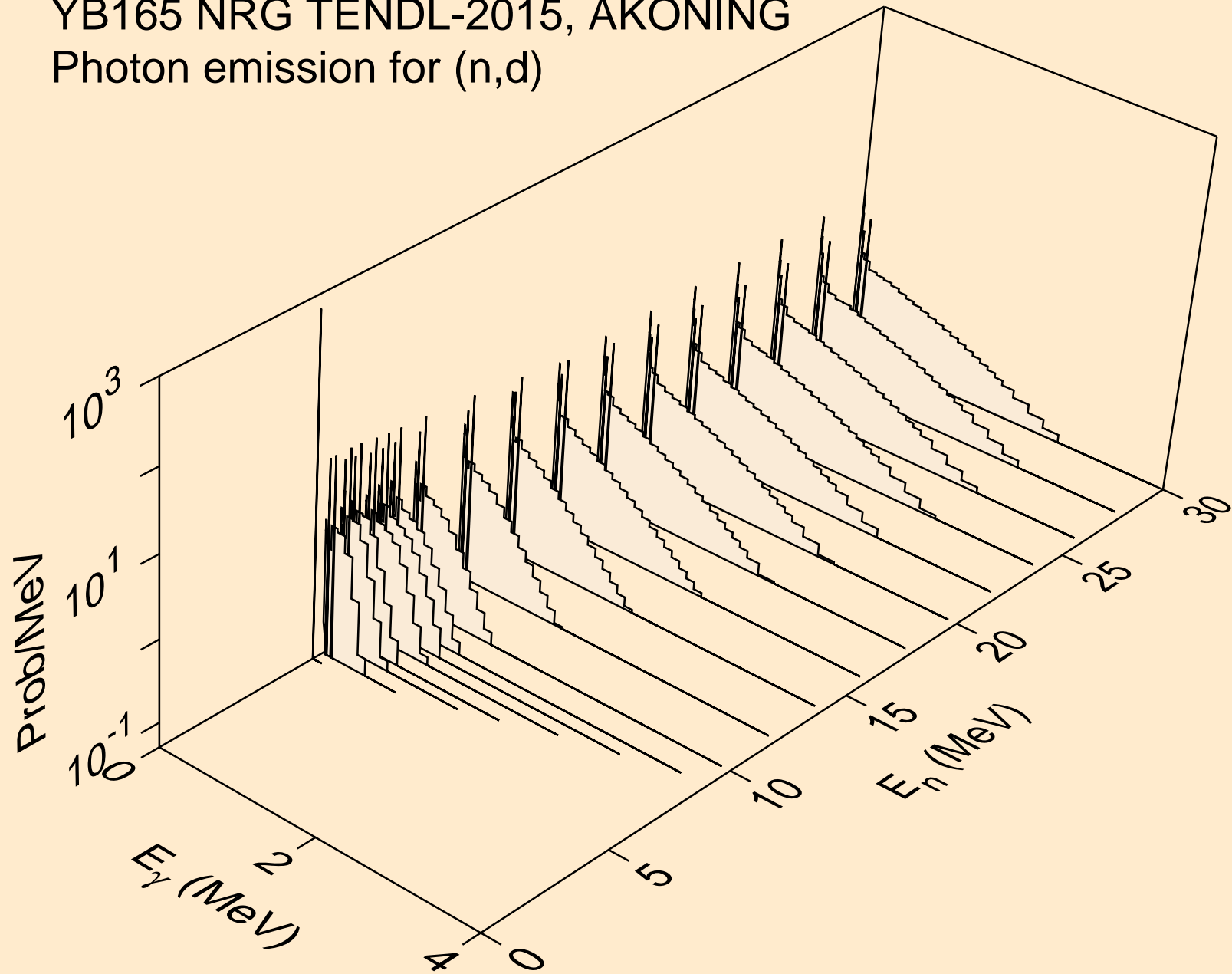
YB165 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



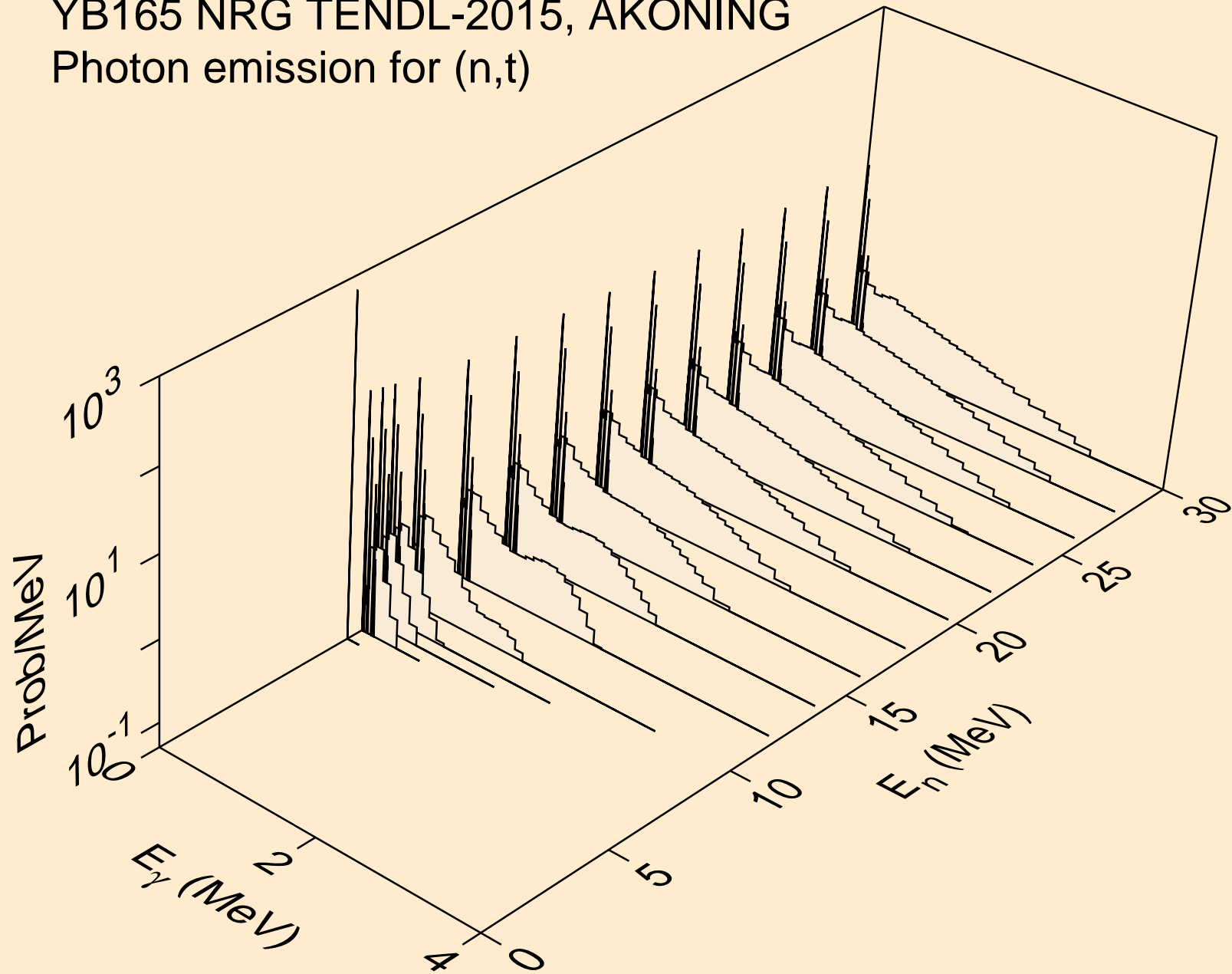
YB165 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



YB165 NRG TENDL-2015, AKONING  
Photon emission for (n,d)

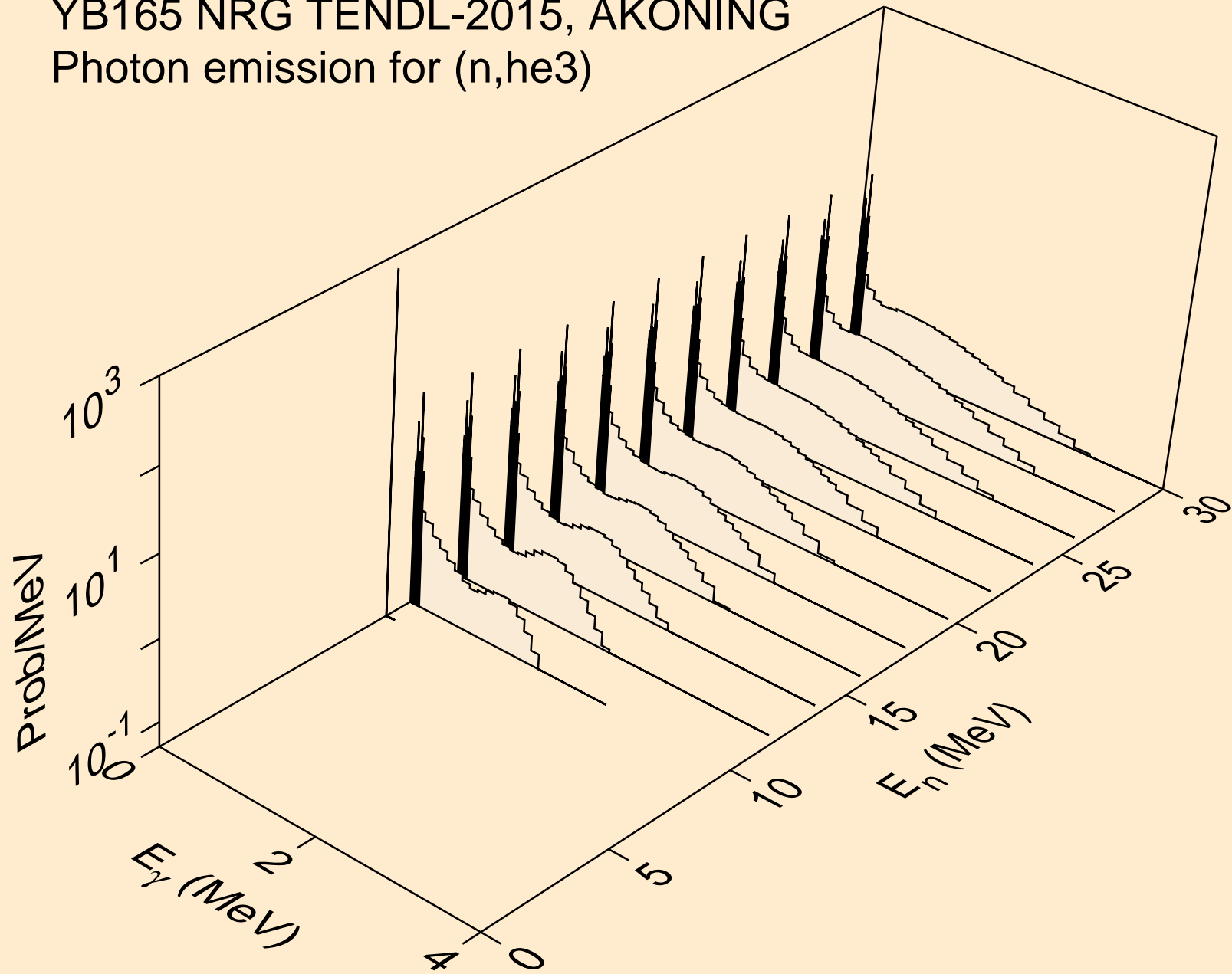


YB165 NRG TENDL-2015, AKONING  
Photon emission for (n,t)

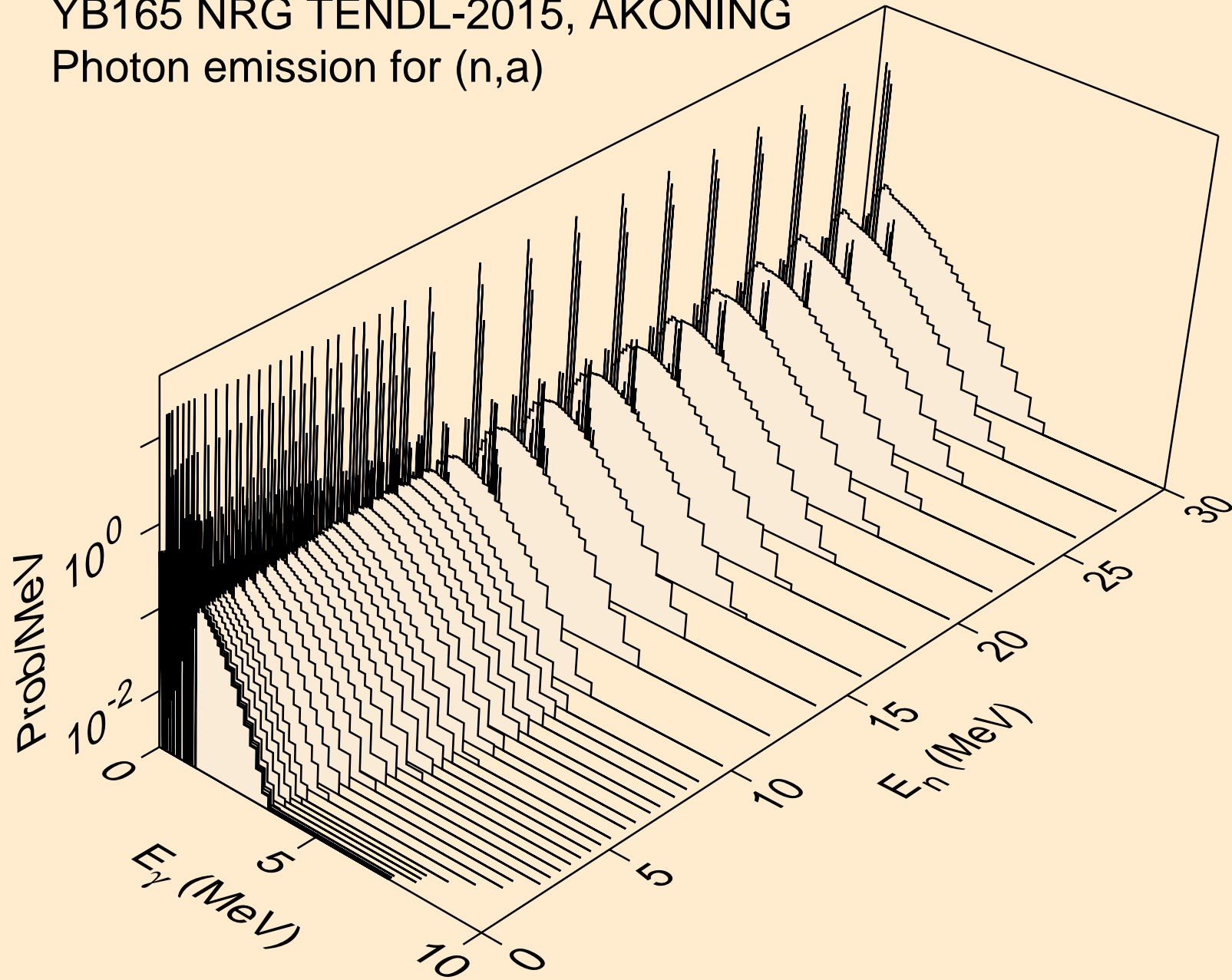




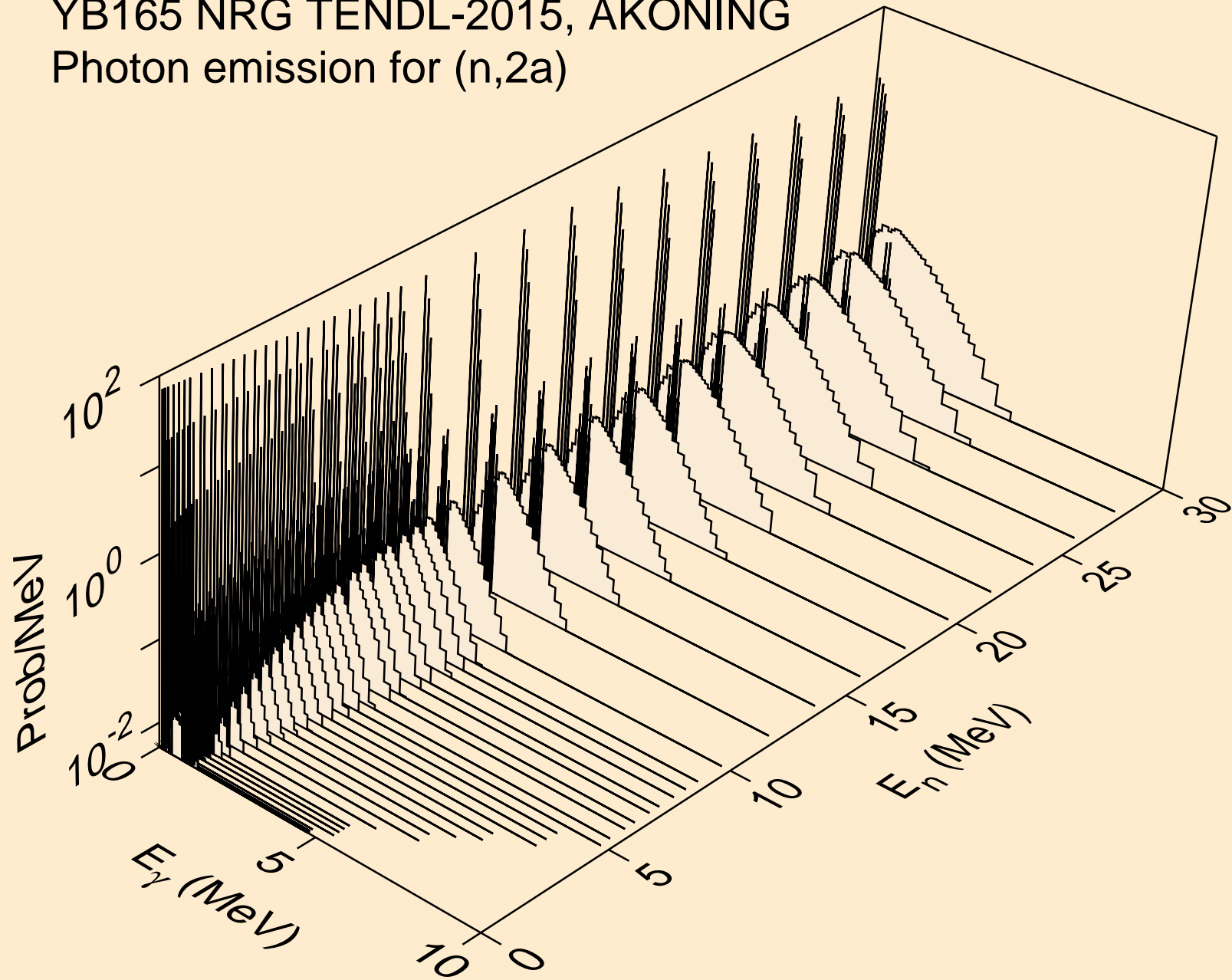
YB165 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



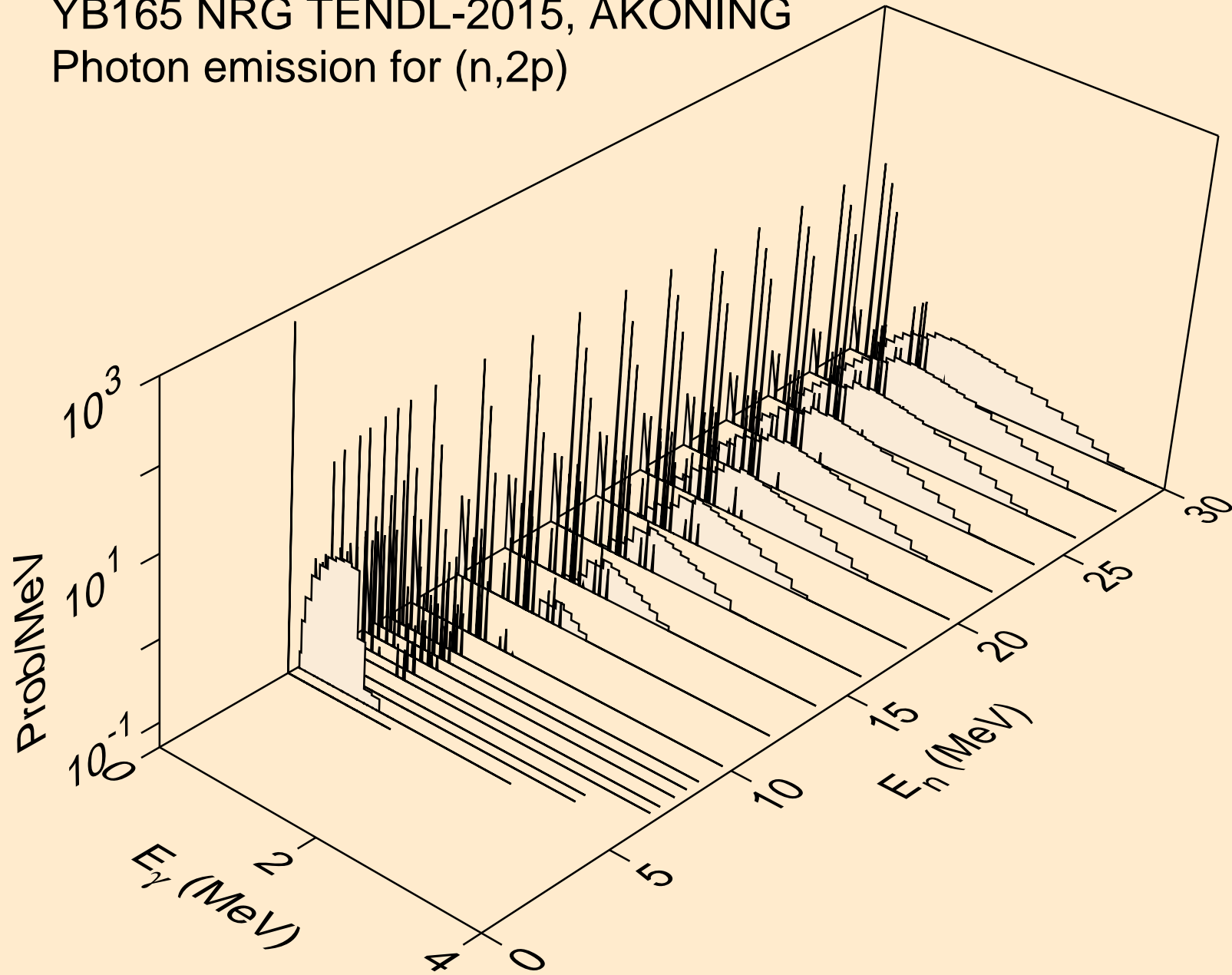
YB165 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



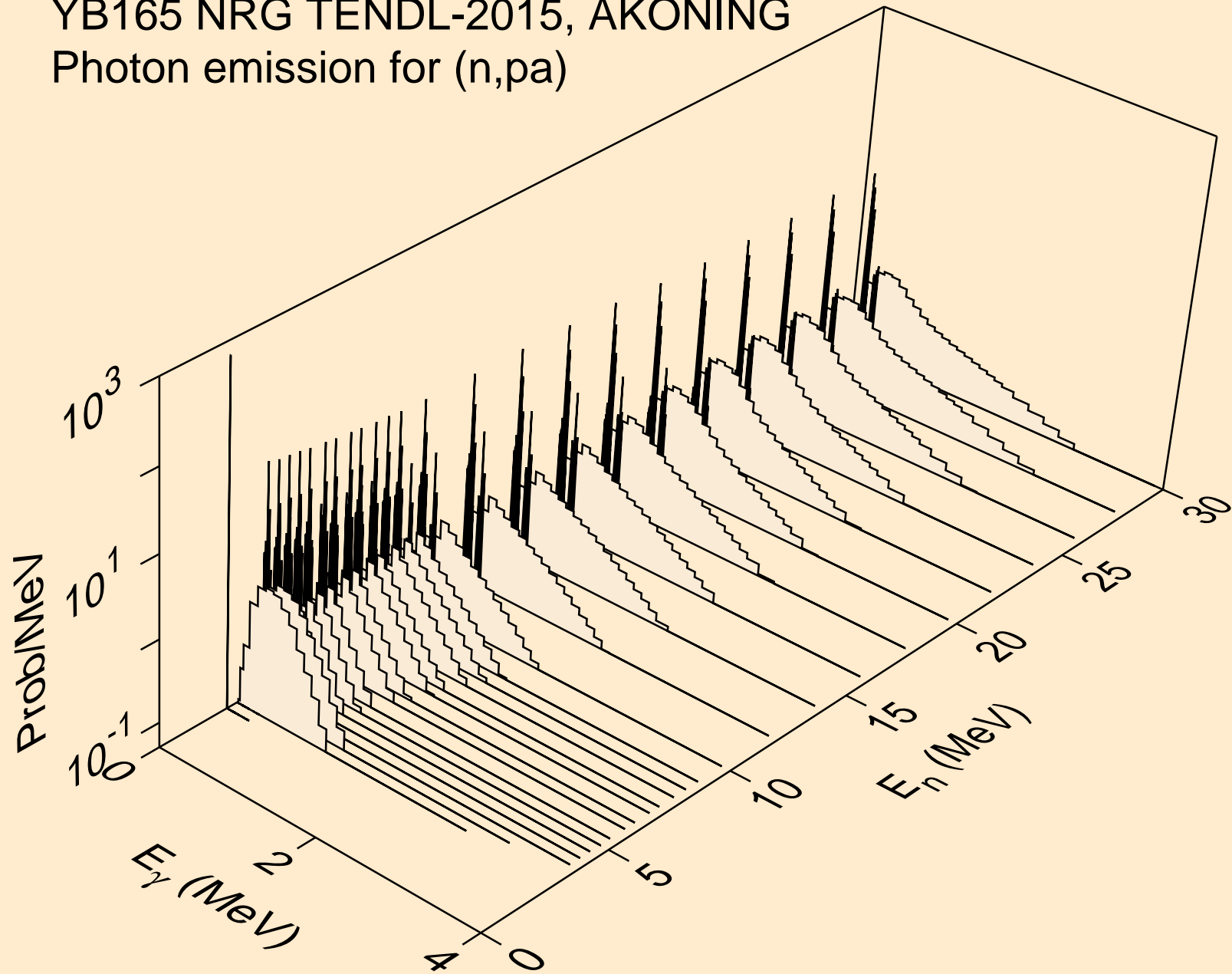
YB165 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



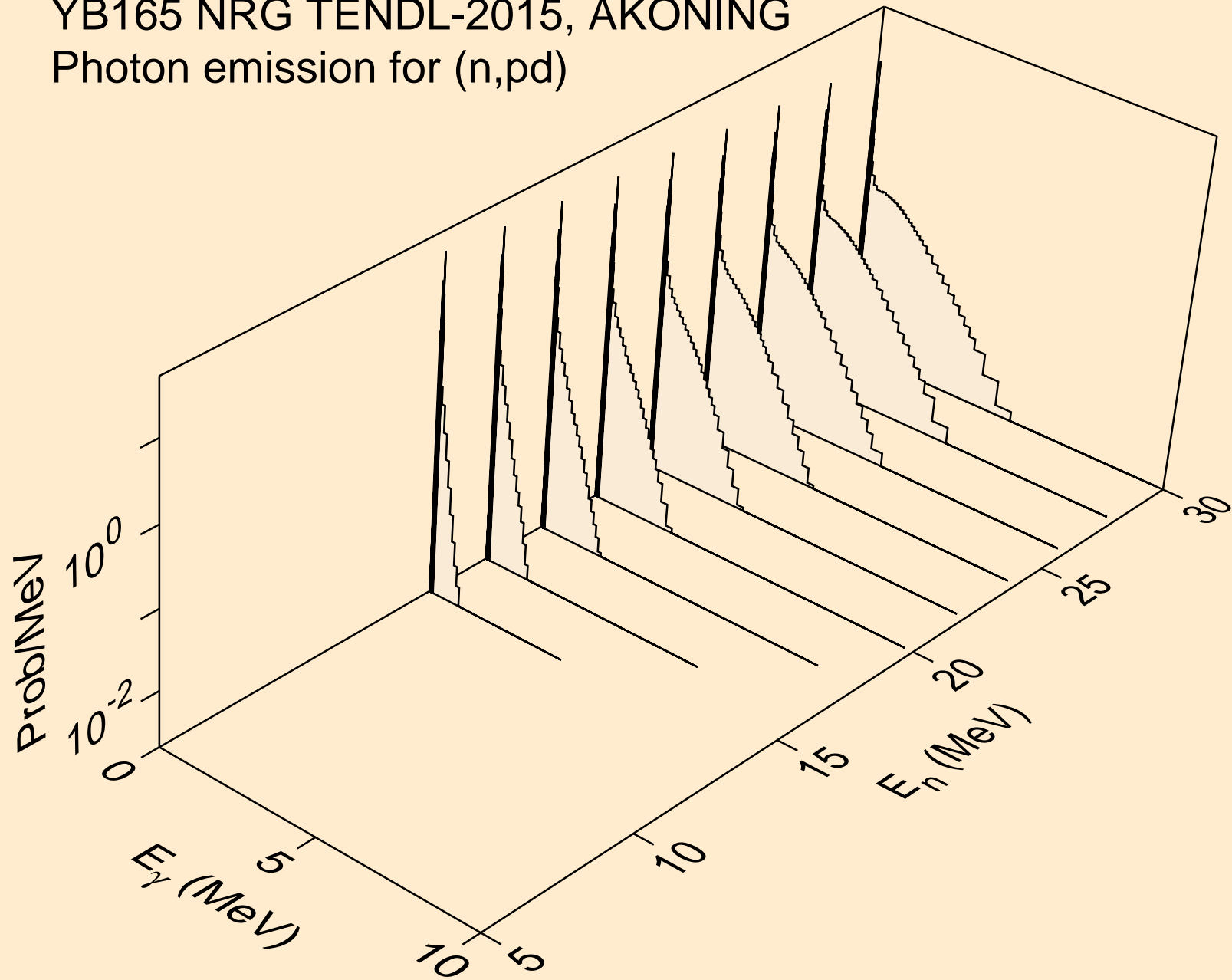
YB165 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



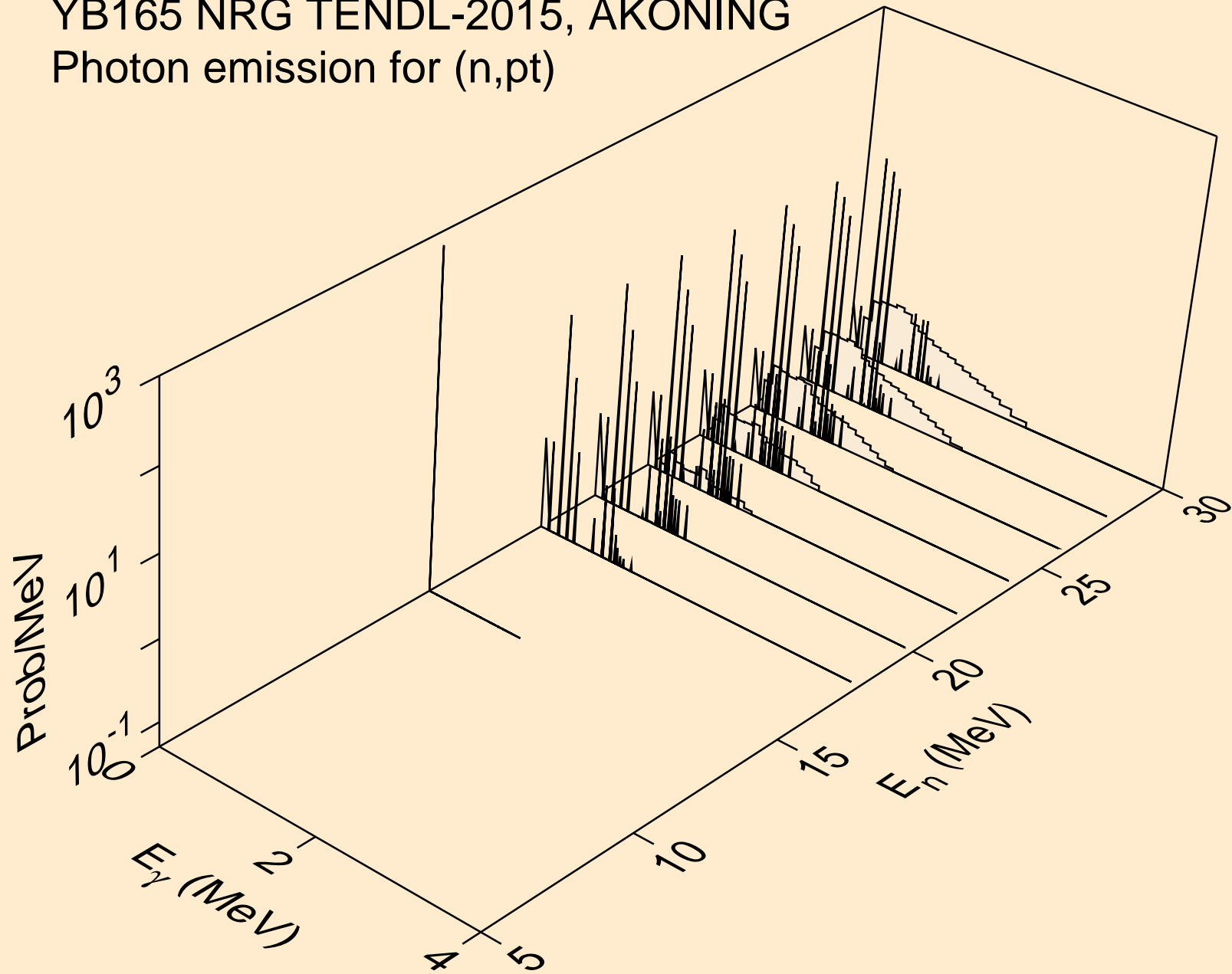
YB165 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



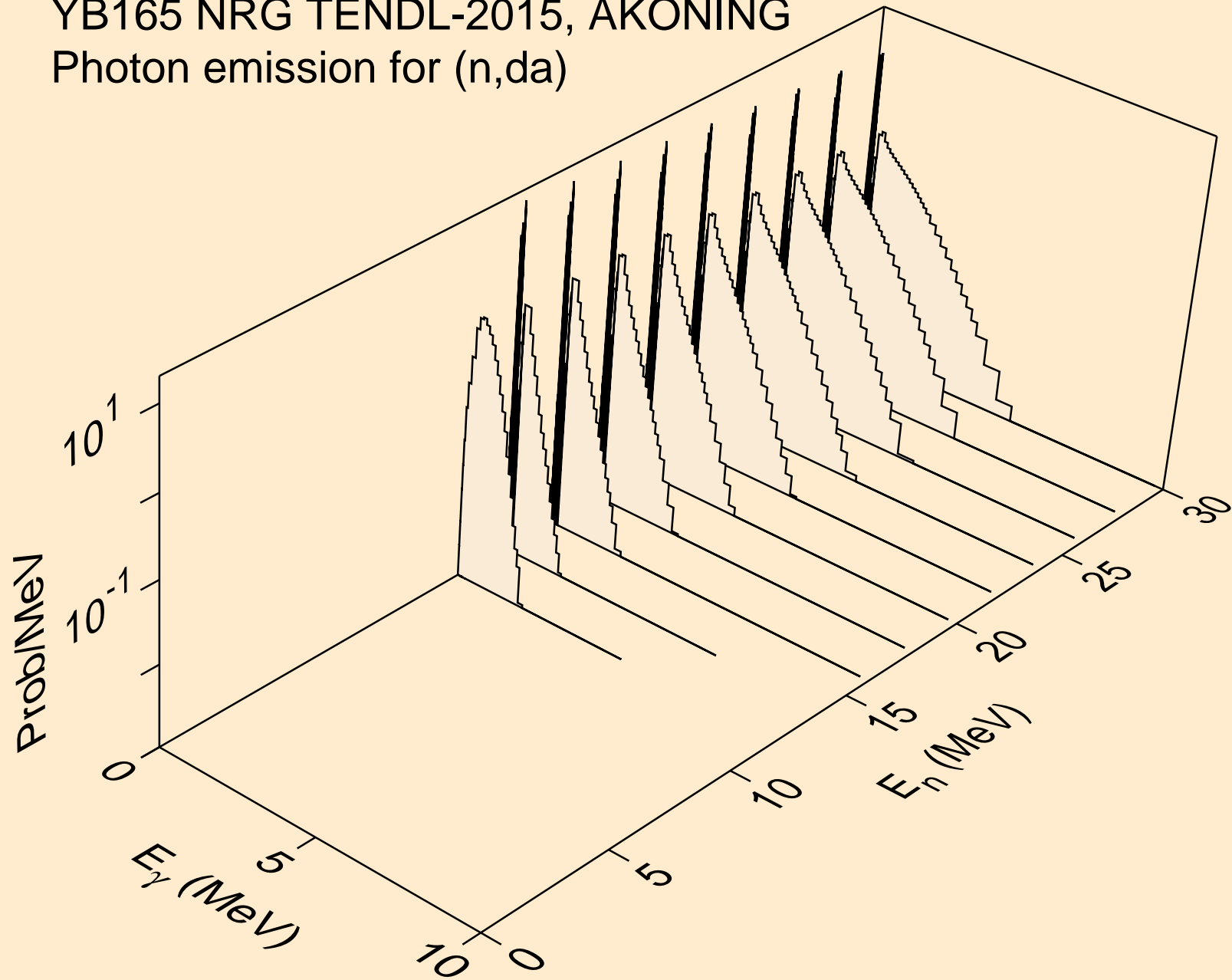
YB165 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



YB165 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)

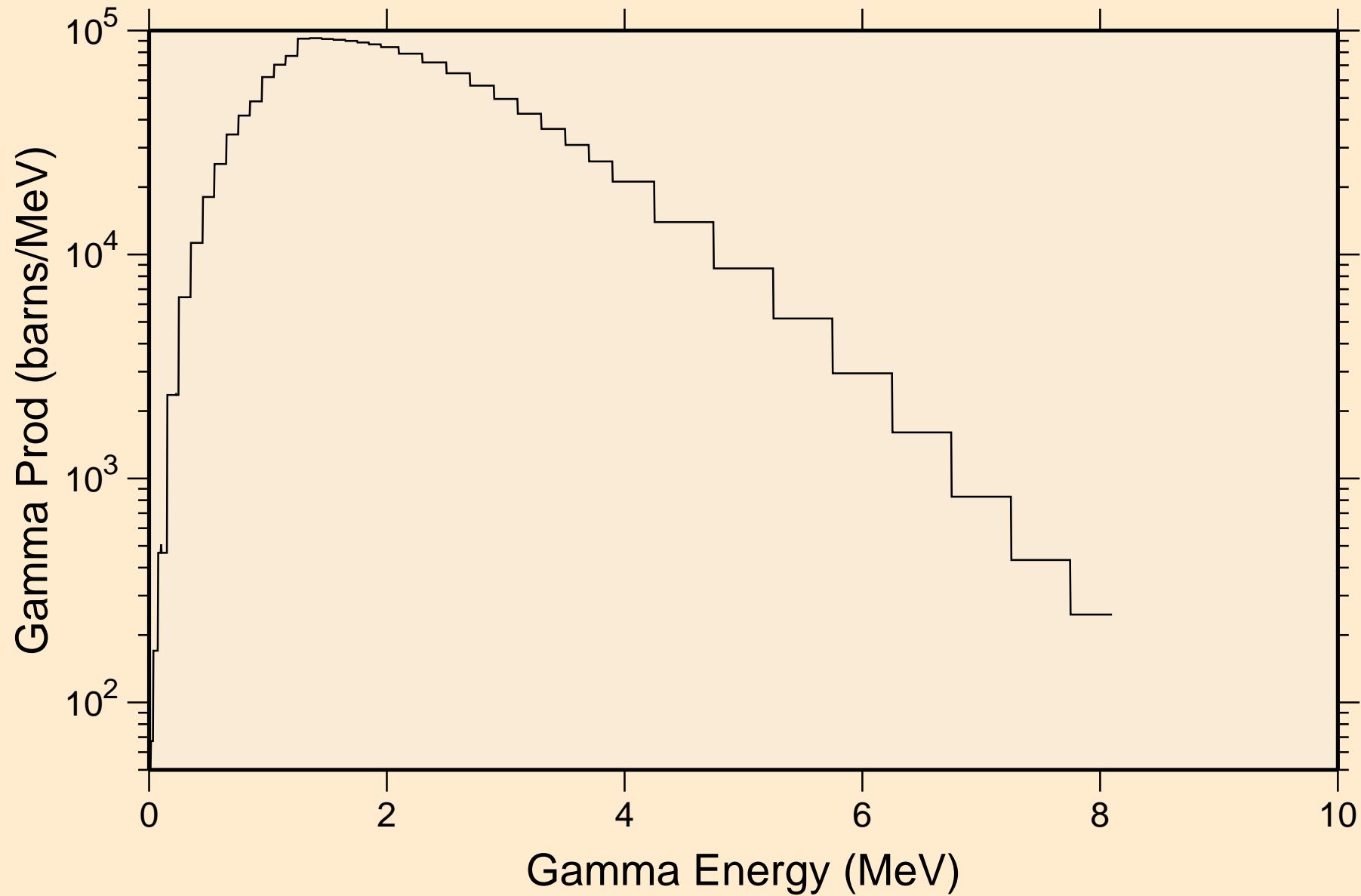


YB165 NRG TENDL-2015, AKONING  
Photon emission for (n,da)

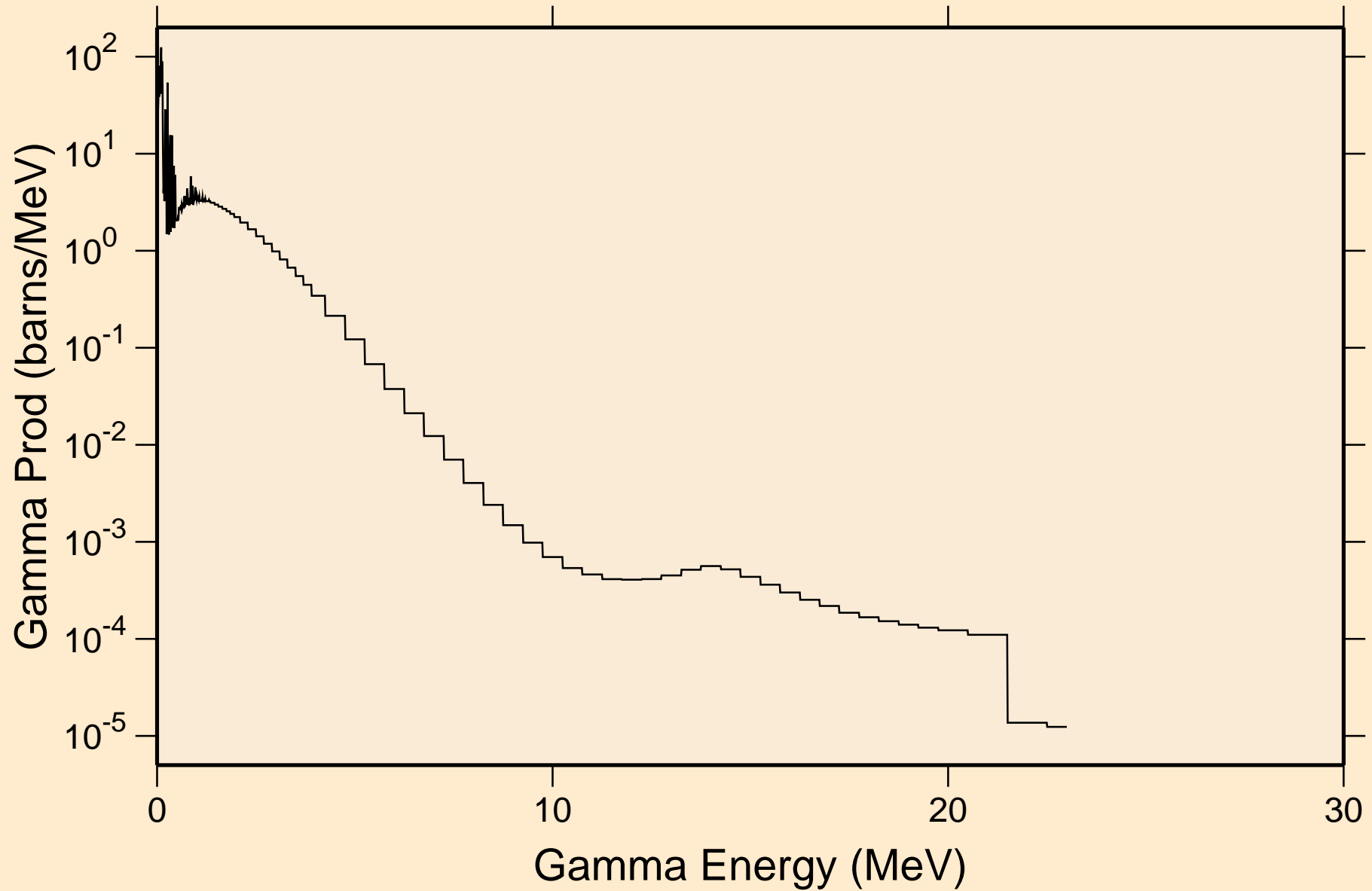




YB165 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

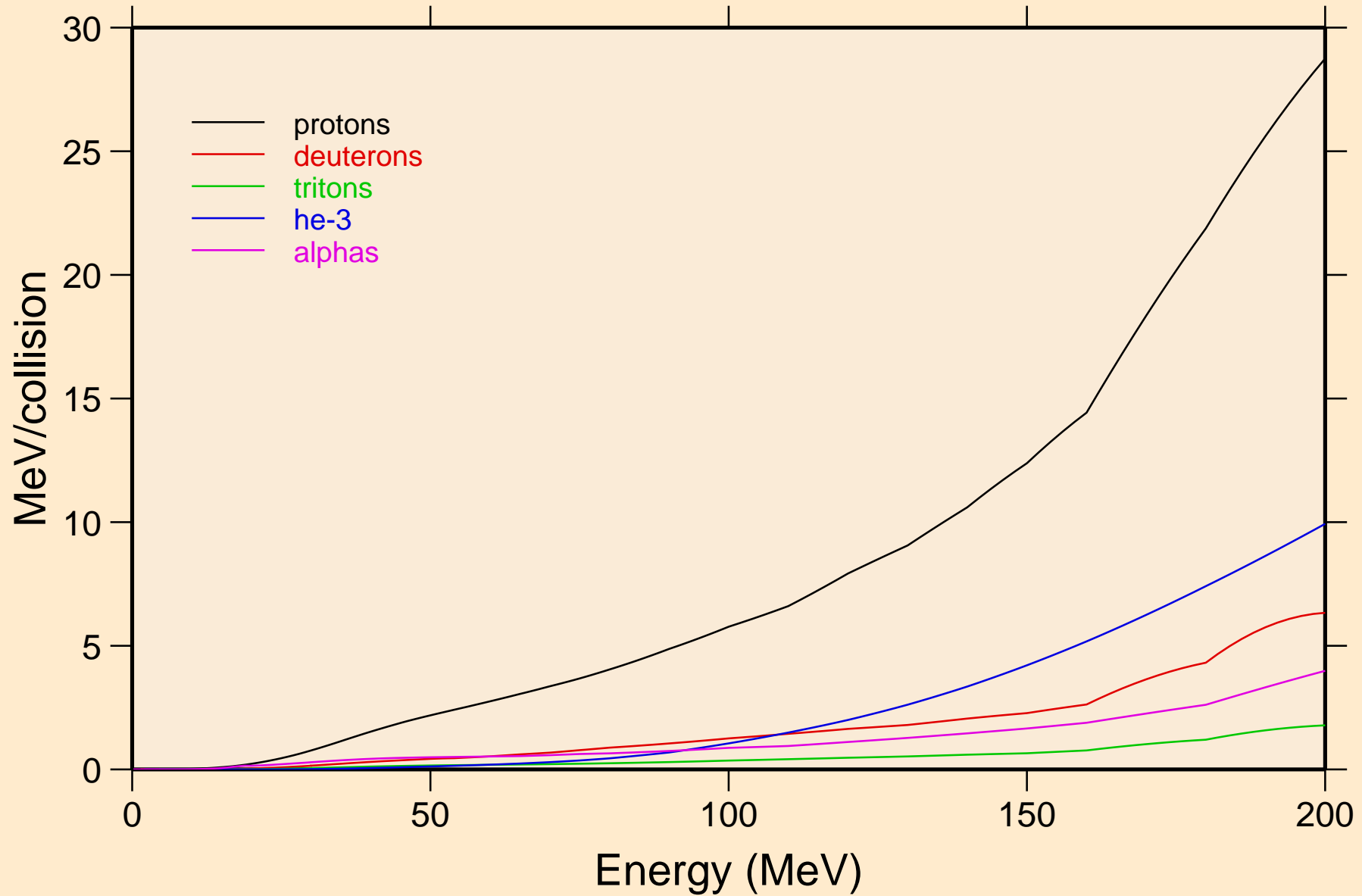


YB165 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



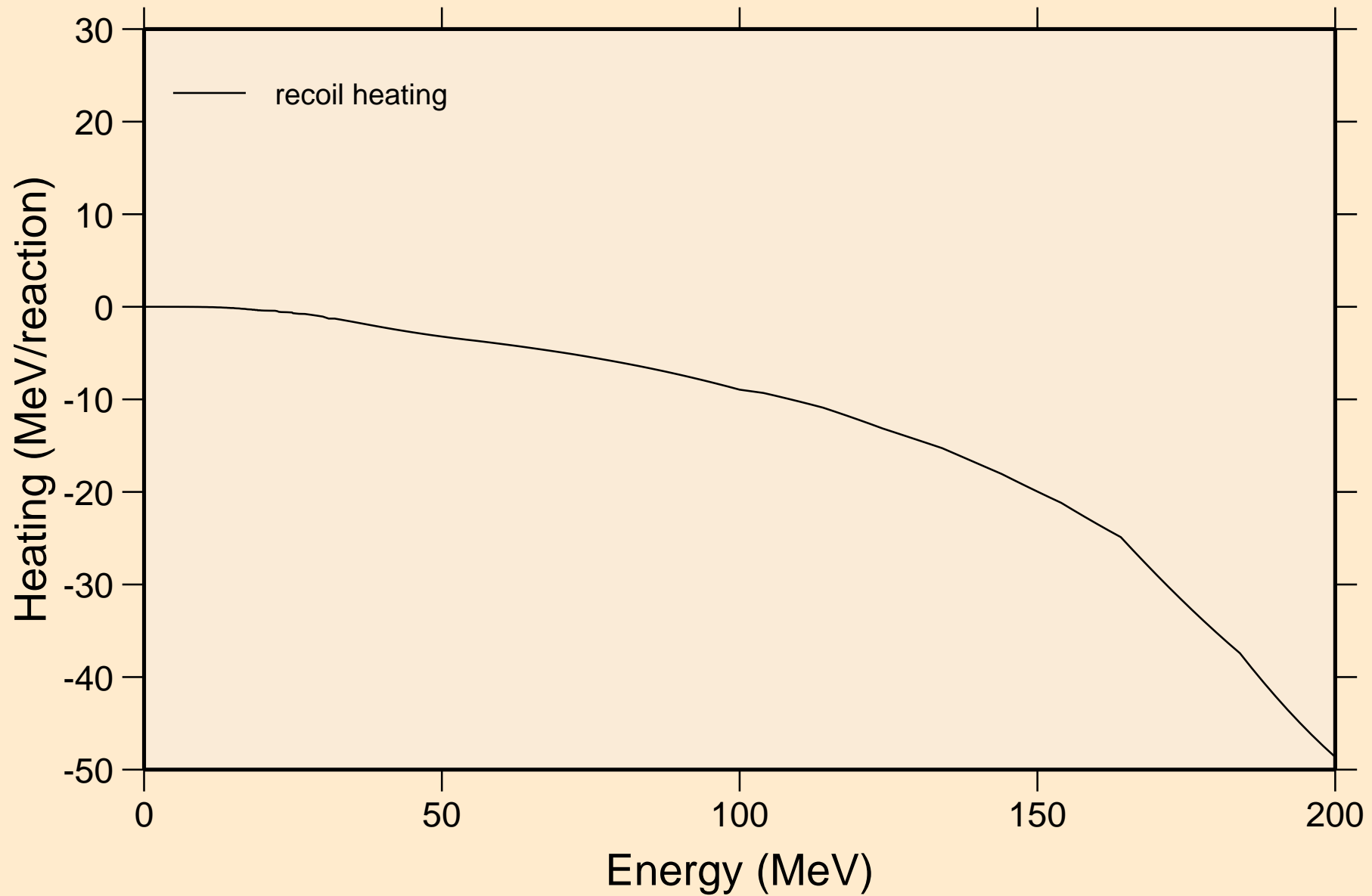
# YB165 NRG TENDL-2015, AKONING

## Particle heating contributions



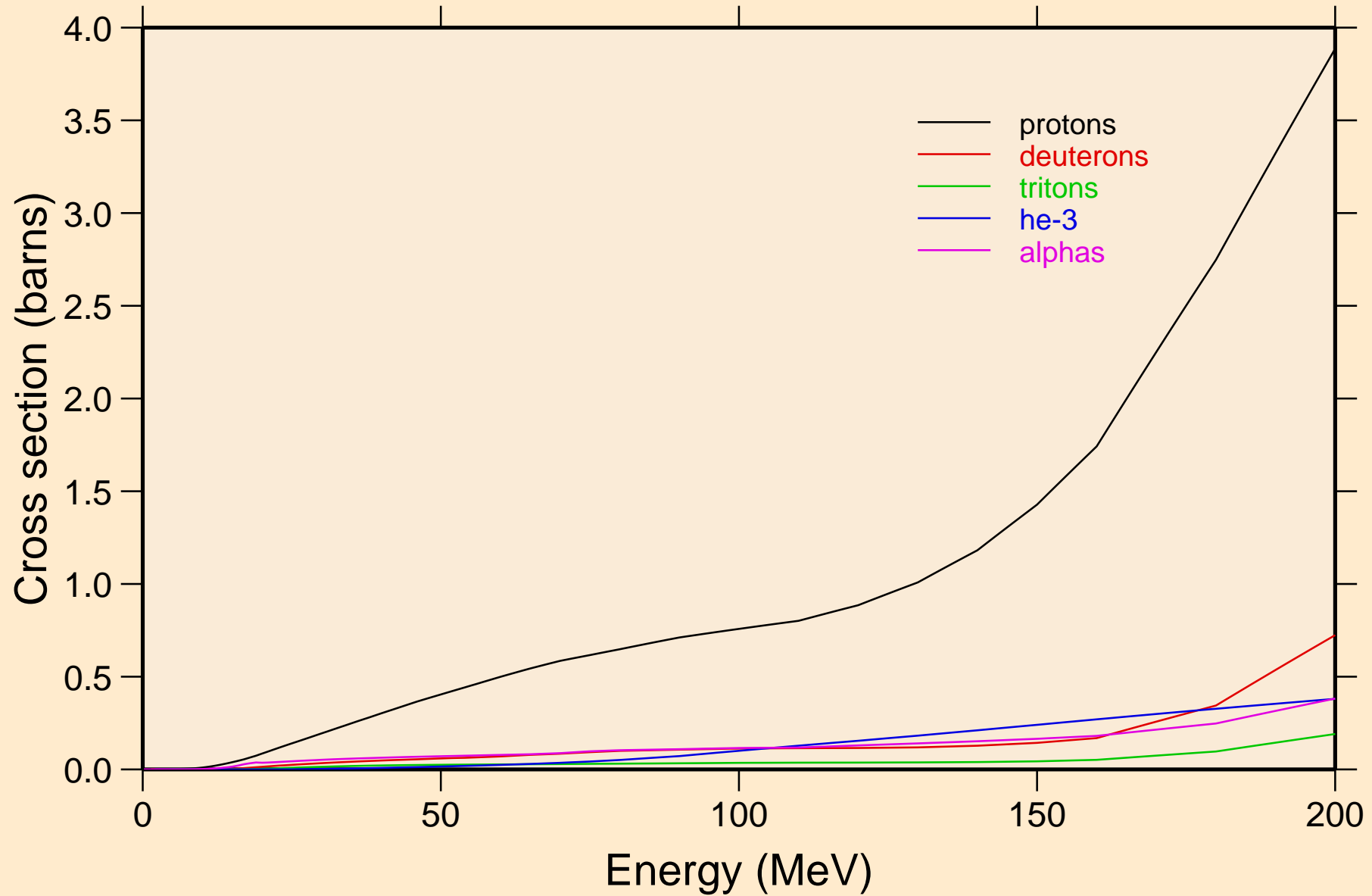
# YB165 NRG TENDL-2015, AKONING

## Recoil Heating

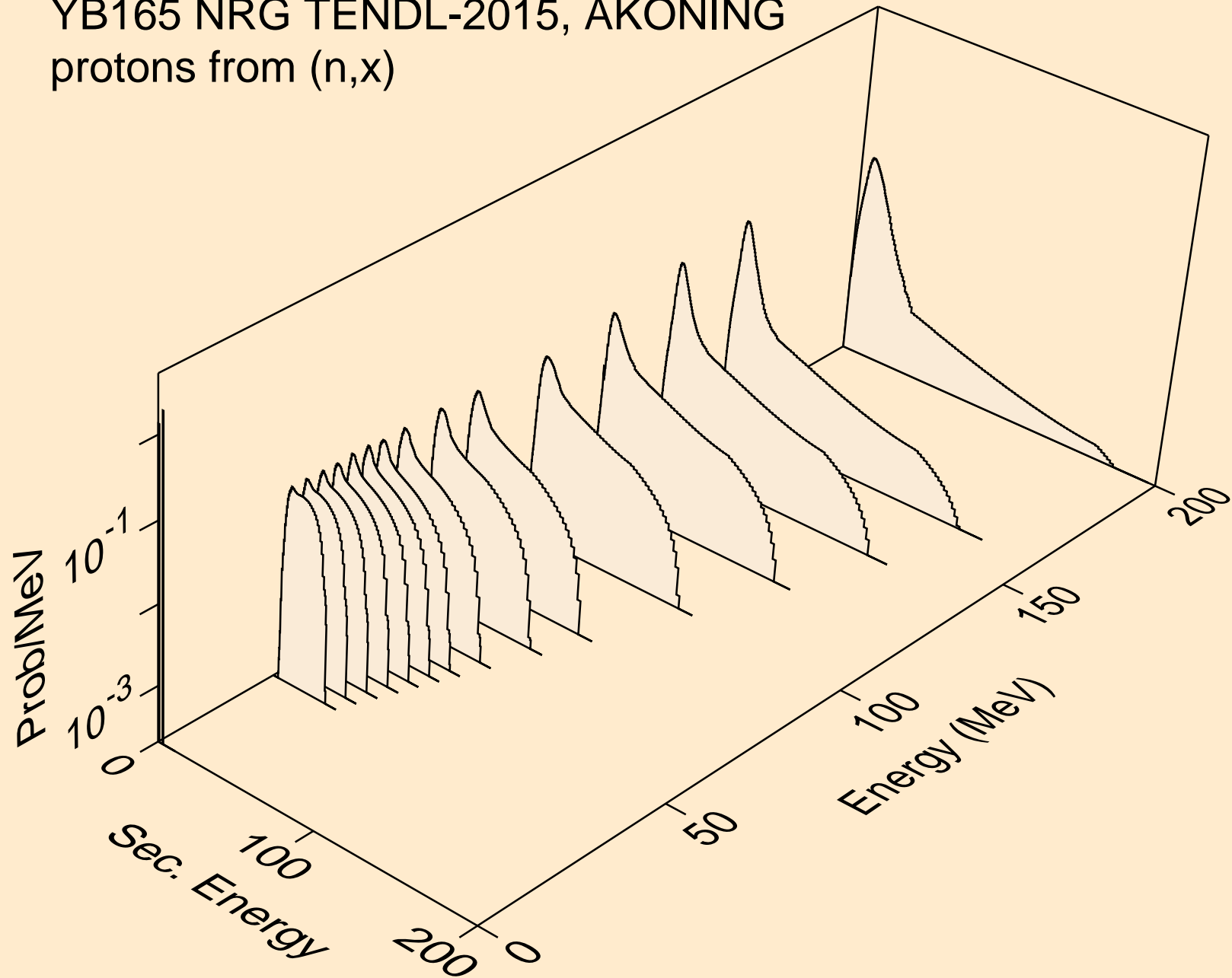


# YB165 NRG TENDL-2015, AKONING

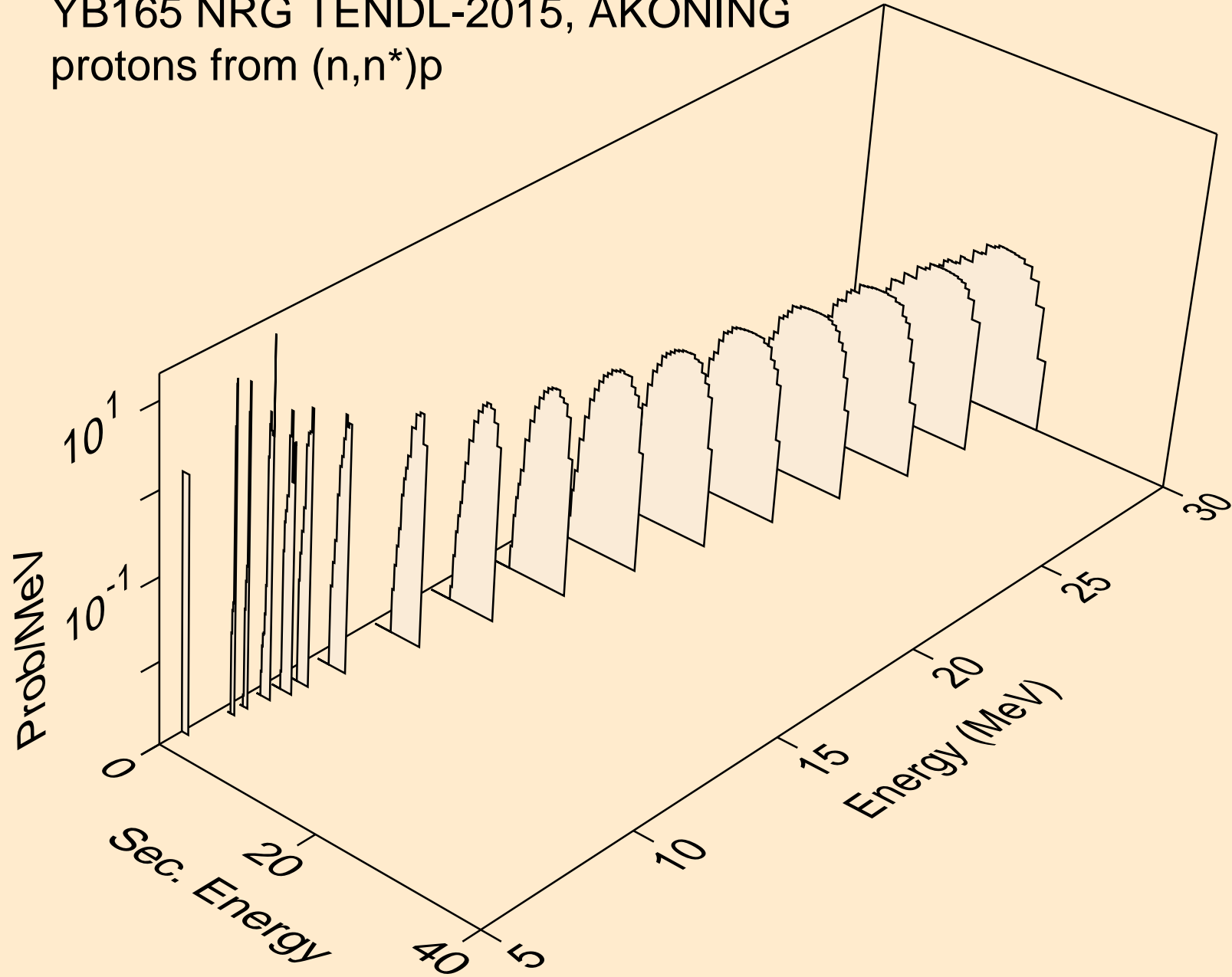
## Particle production cross sections



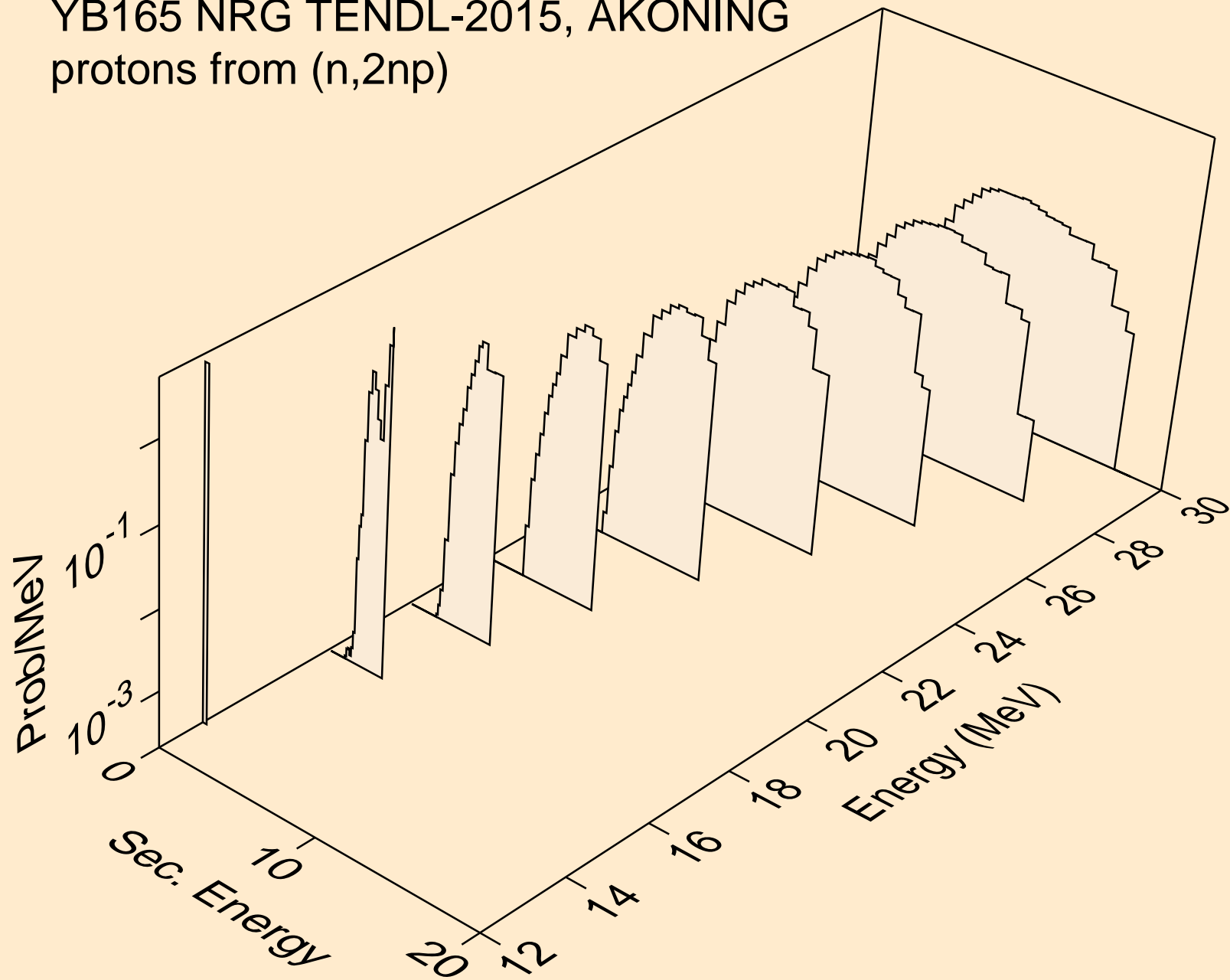
YB165 NRG TENDL-2015, AKONING  
protons from (n,x)



YB165 NRG TENDL-2015, AKONING  
protons from (n,n\*)p

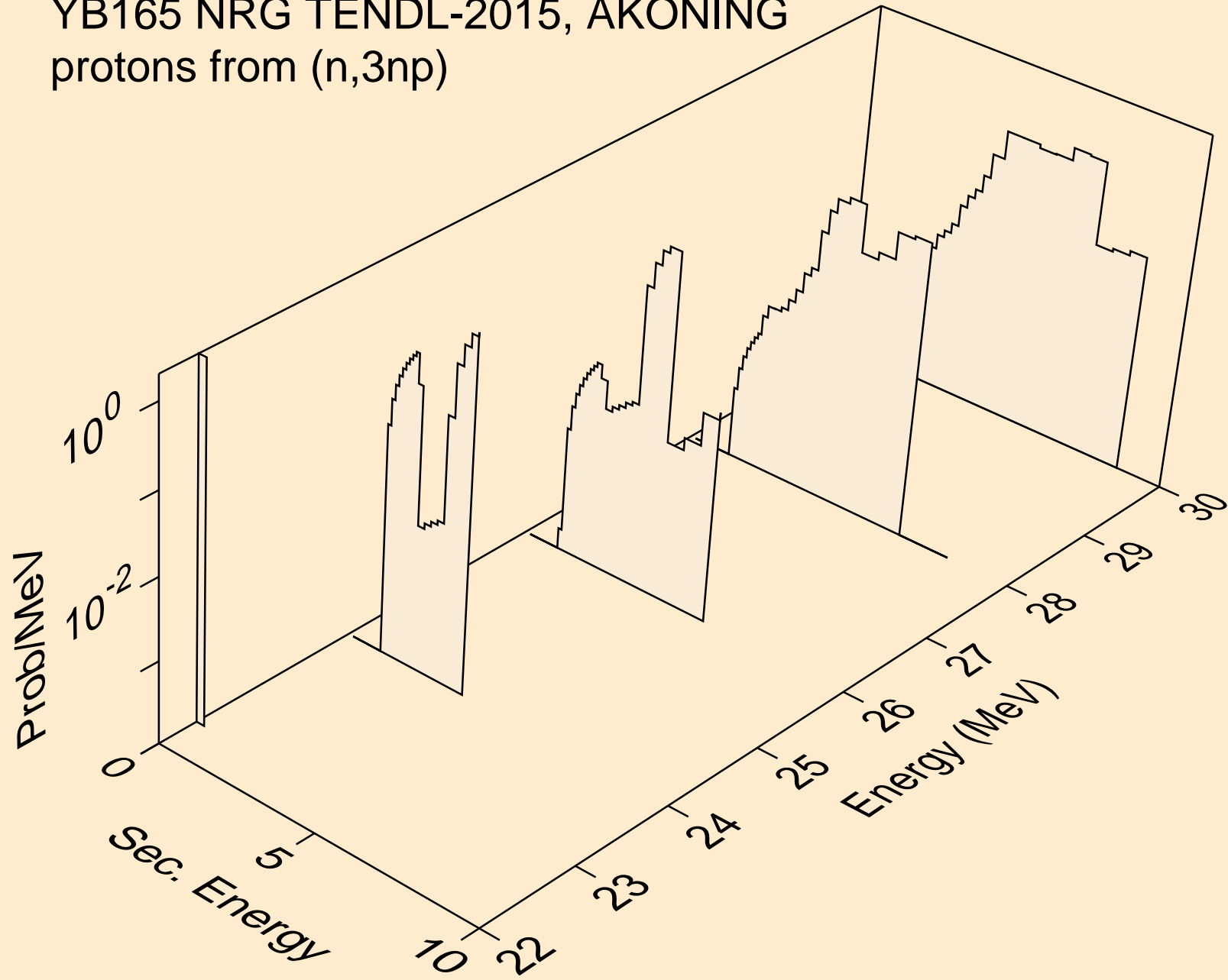


YB165 NRG TENDL-2015, AKONING  
protons from (n,2np)

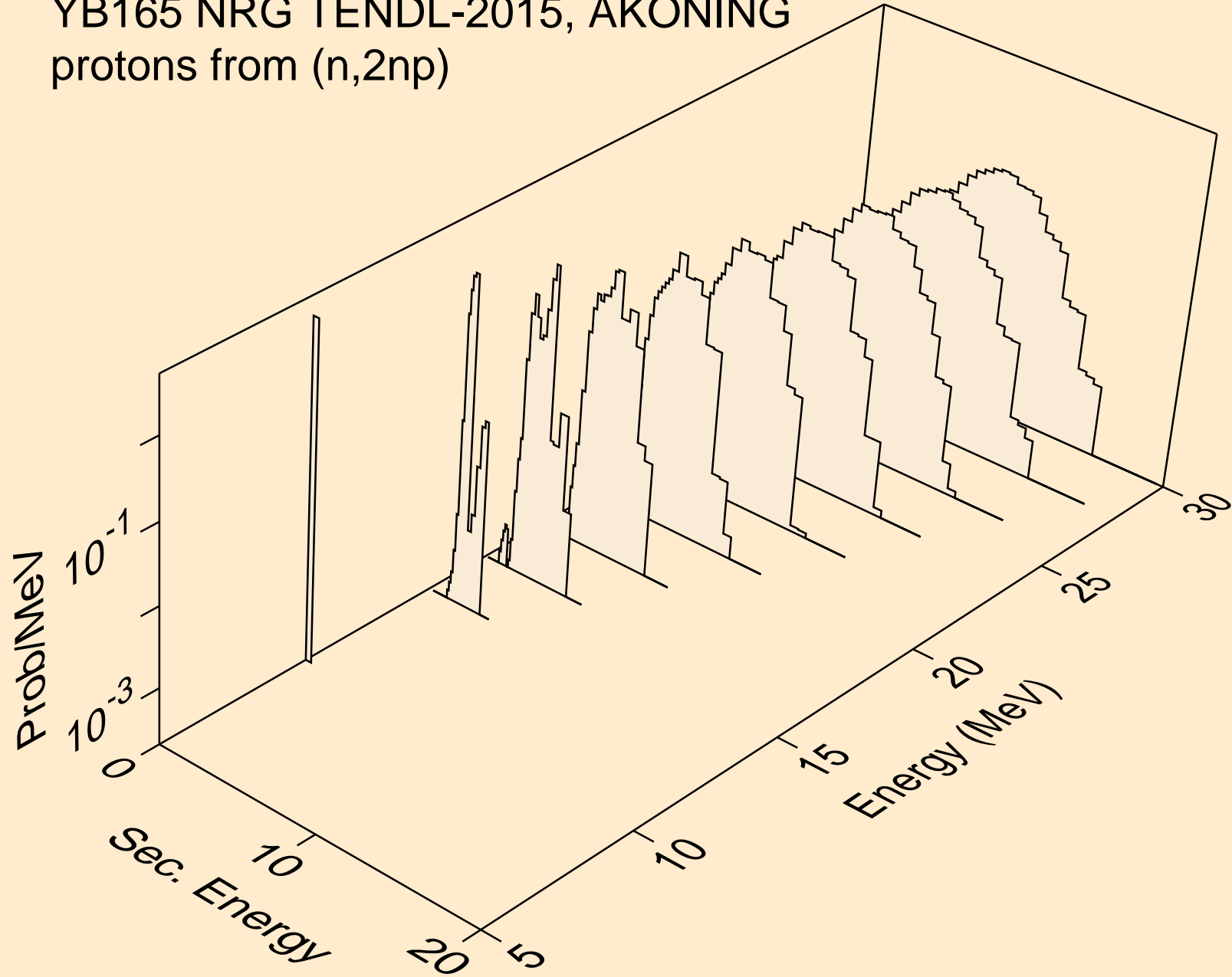




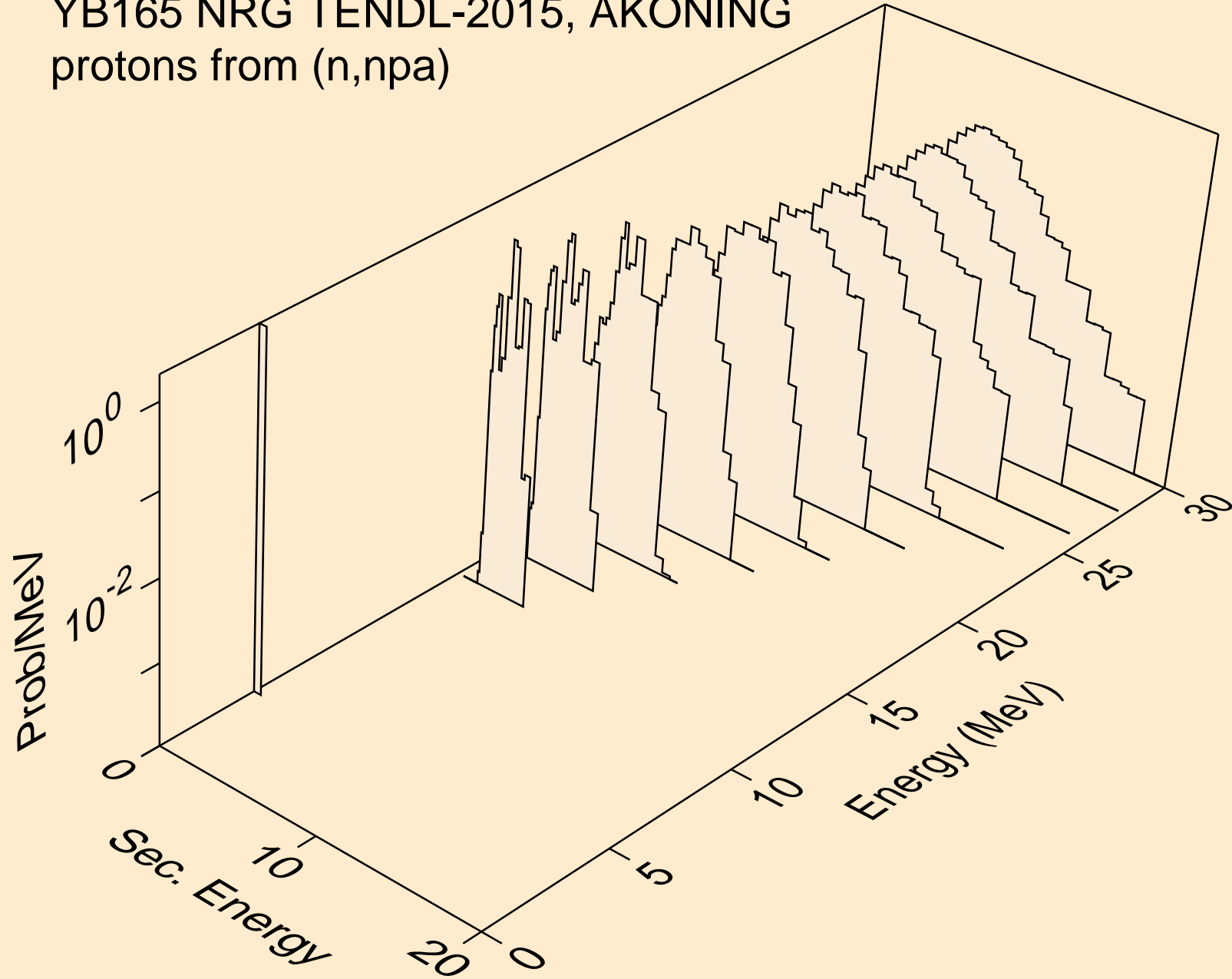
YB165 NRG TENDL-2015, AKONING  
protons from (n,3np)



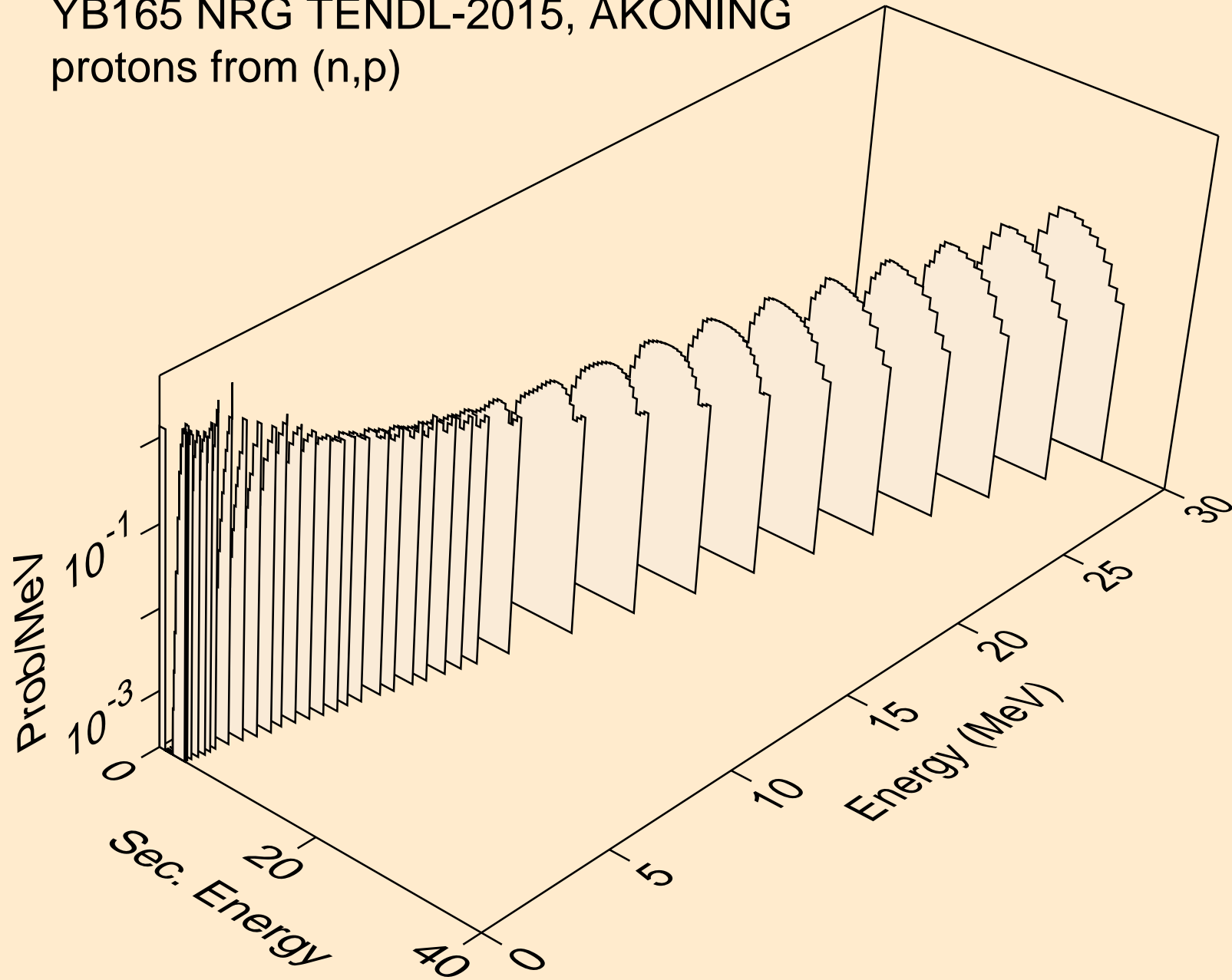
YB165 NRG TENDL-2015, AKONING  
protons from (n,2np)



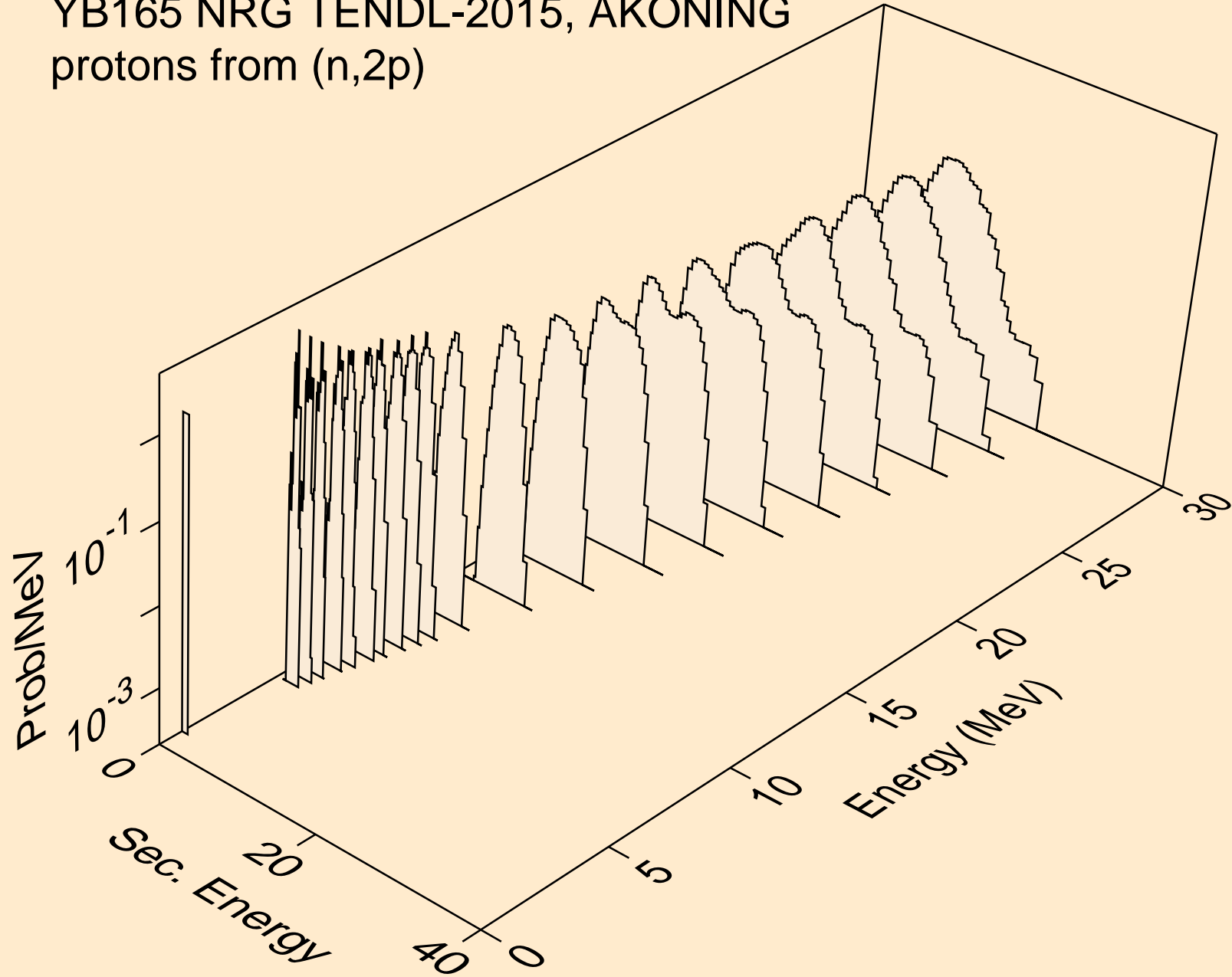
YB165 NRG TENDL-2015, AKONING  
protons from (n,npa)



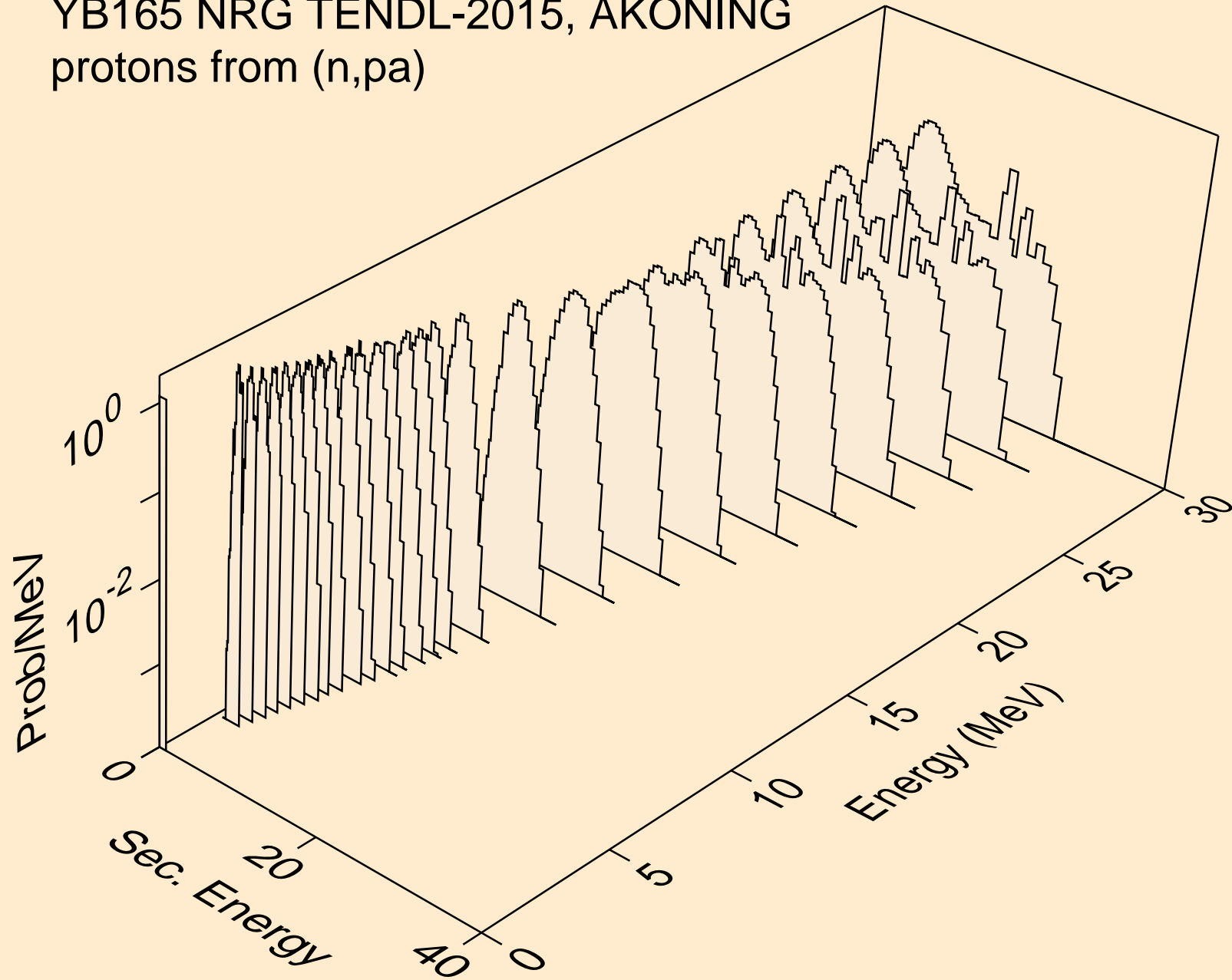
YB165 NRG TENDL-2015, AKONING  
protons from (n,p)



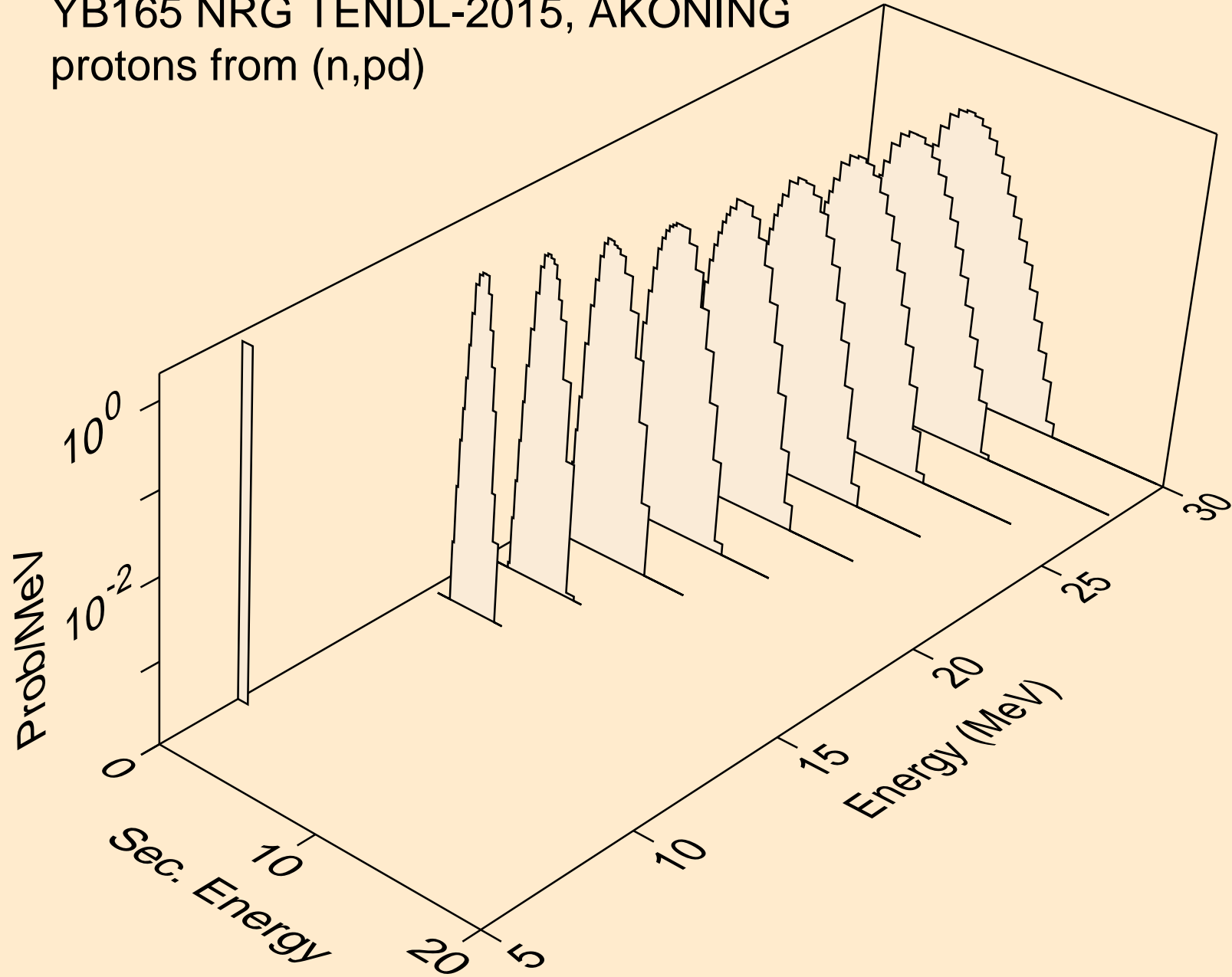
YB165 NRG TENDL-2015, AKONING  
protons from (n,2p)



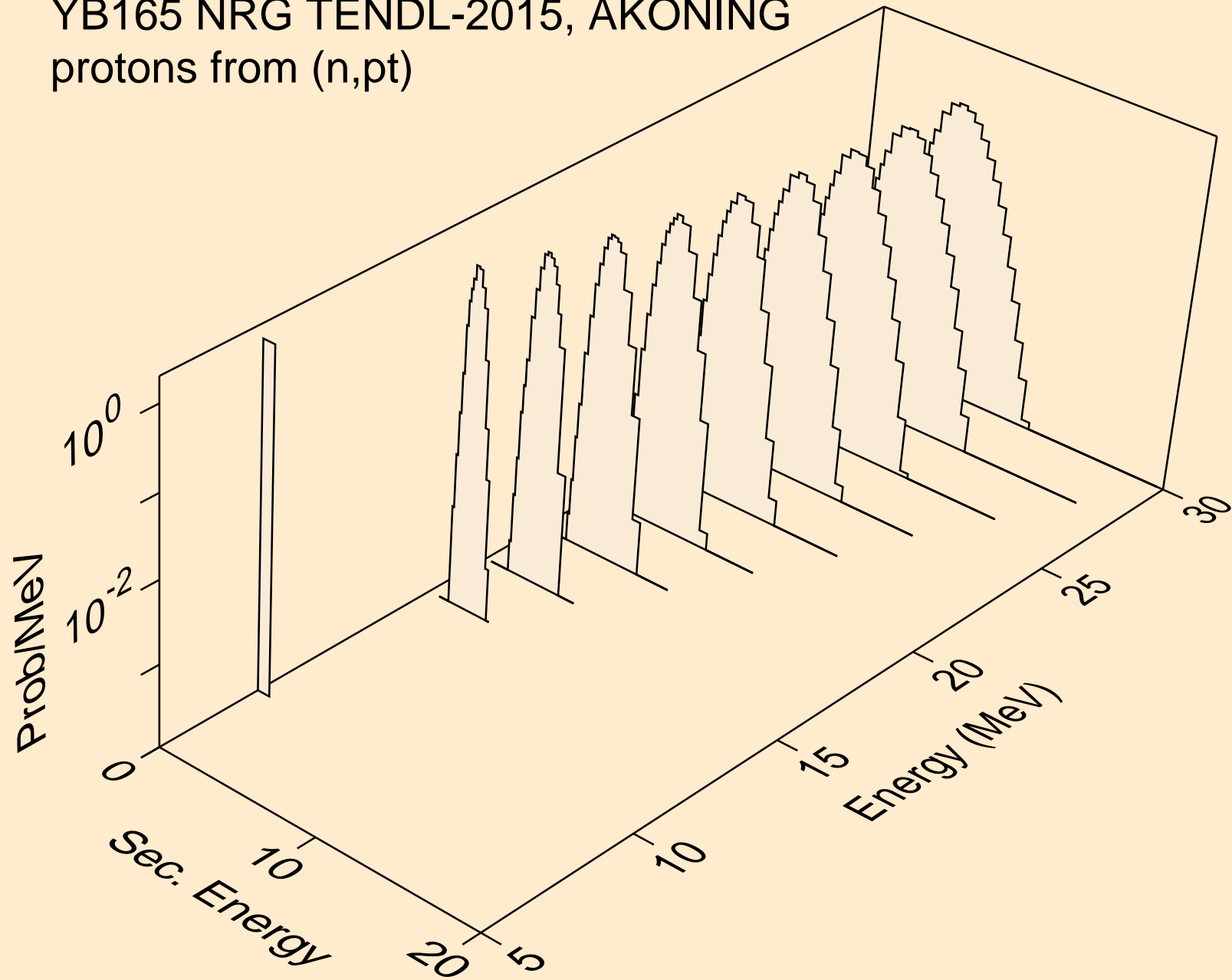
YB165 NRG TENDL-2015, AKONING  
protons from (n,pa)



YB165 NRG TENDL-2015, AKONING  
protons from (n,pd)

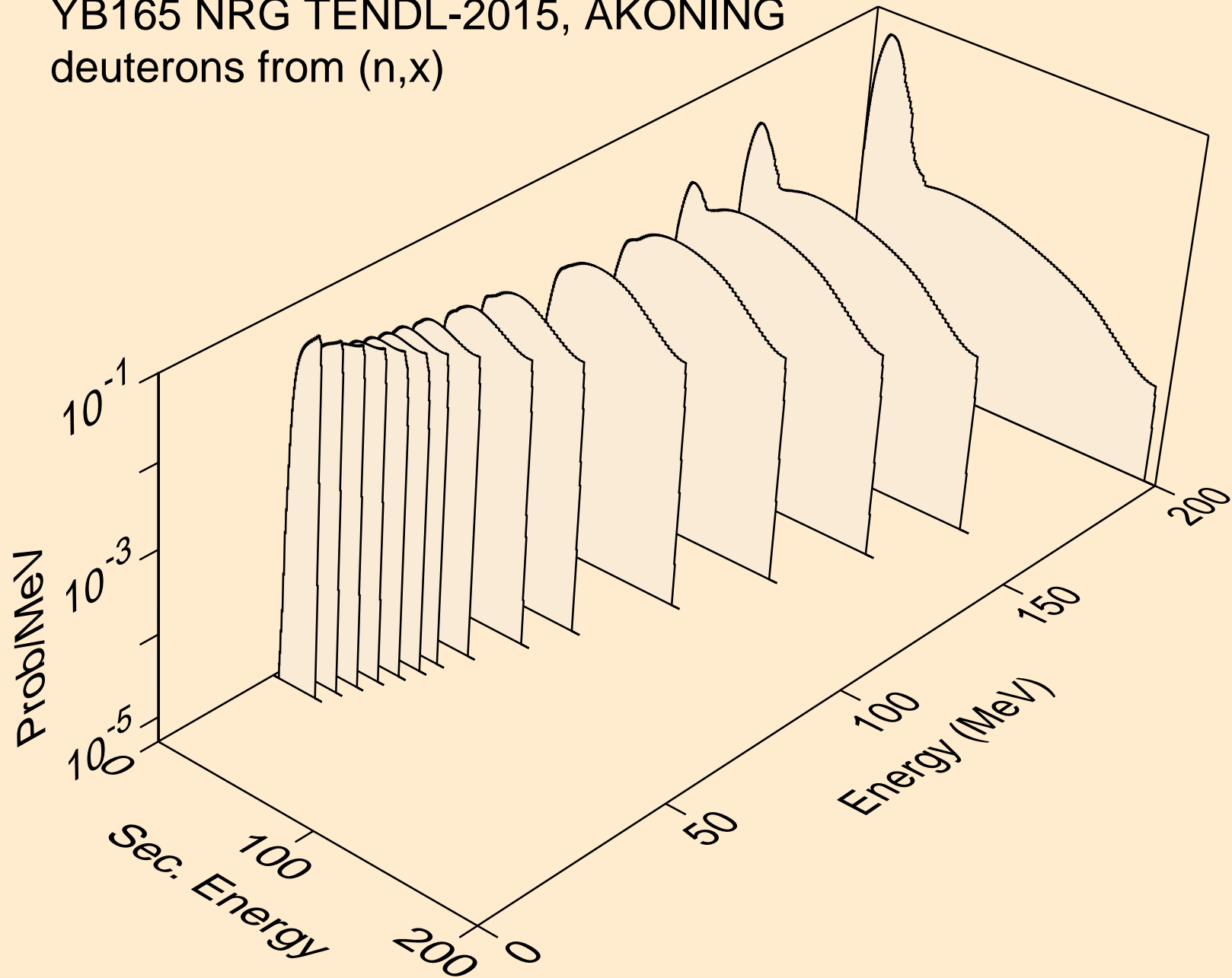


YB165 NRG TENDL-2015, AKONING  
protons from (n,pt)

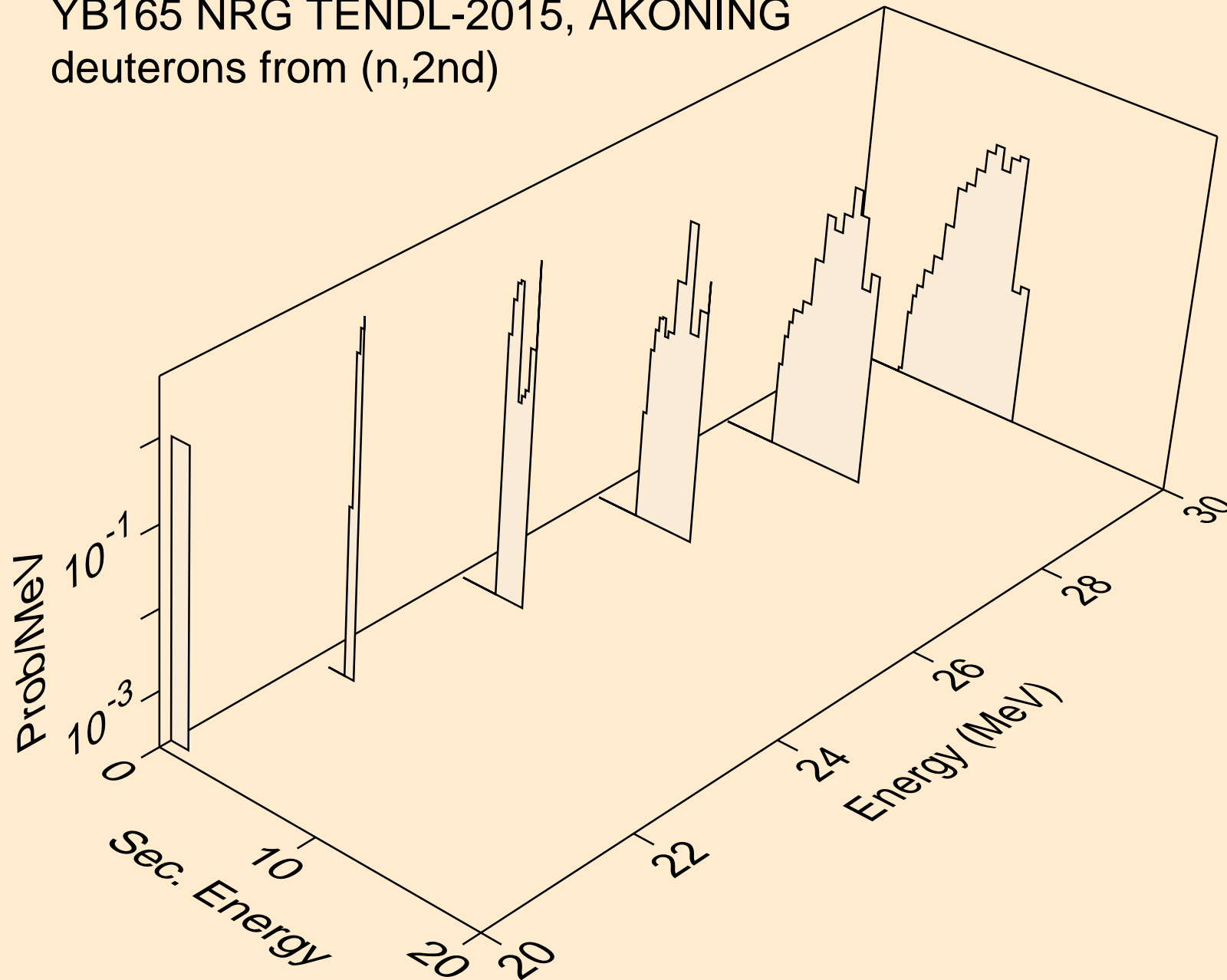




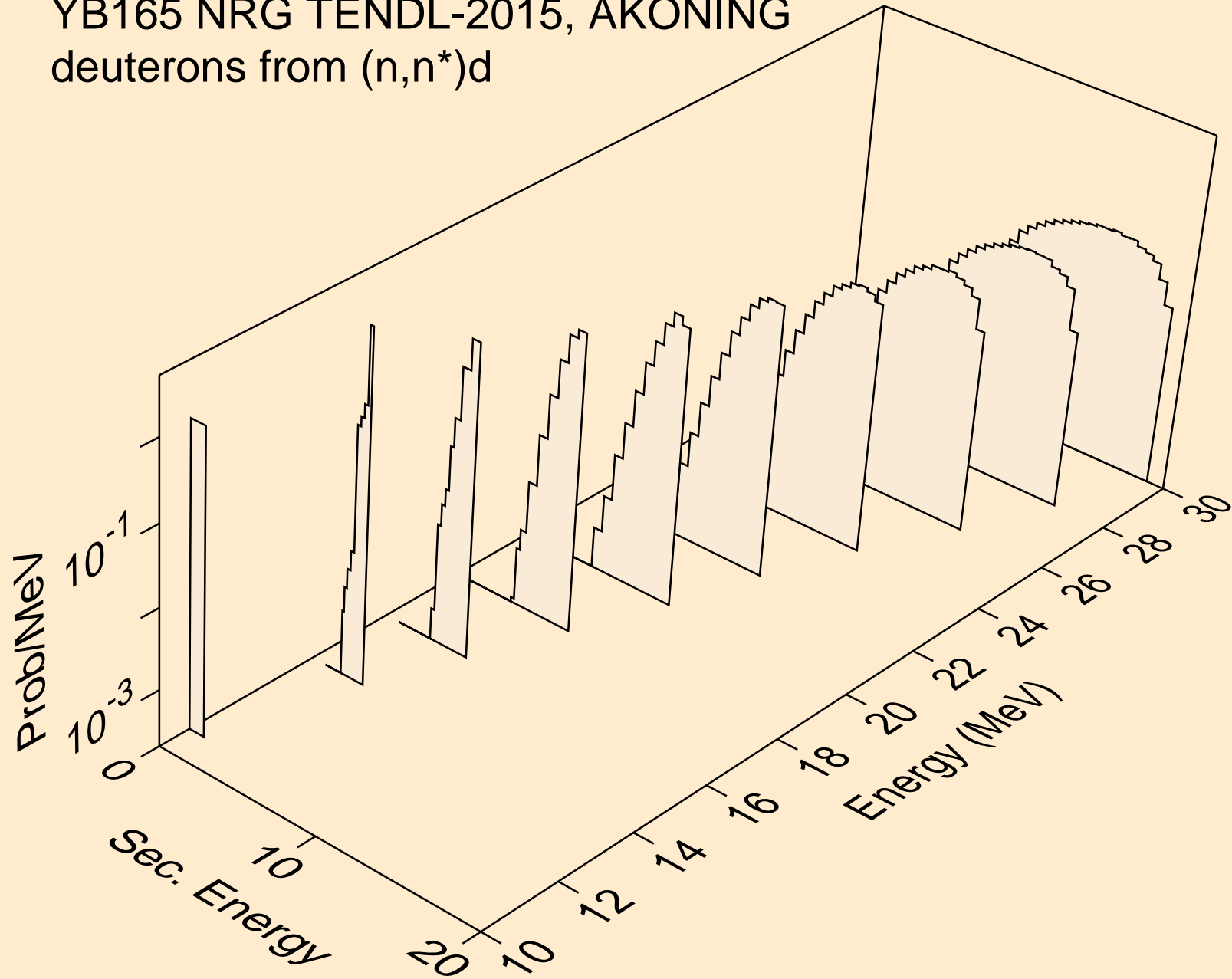
YB165 NRG TENDL-2015, AKONING  
deuterons from (n,x)



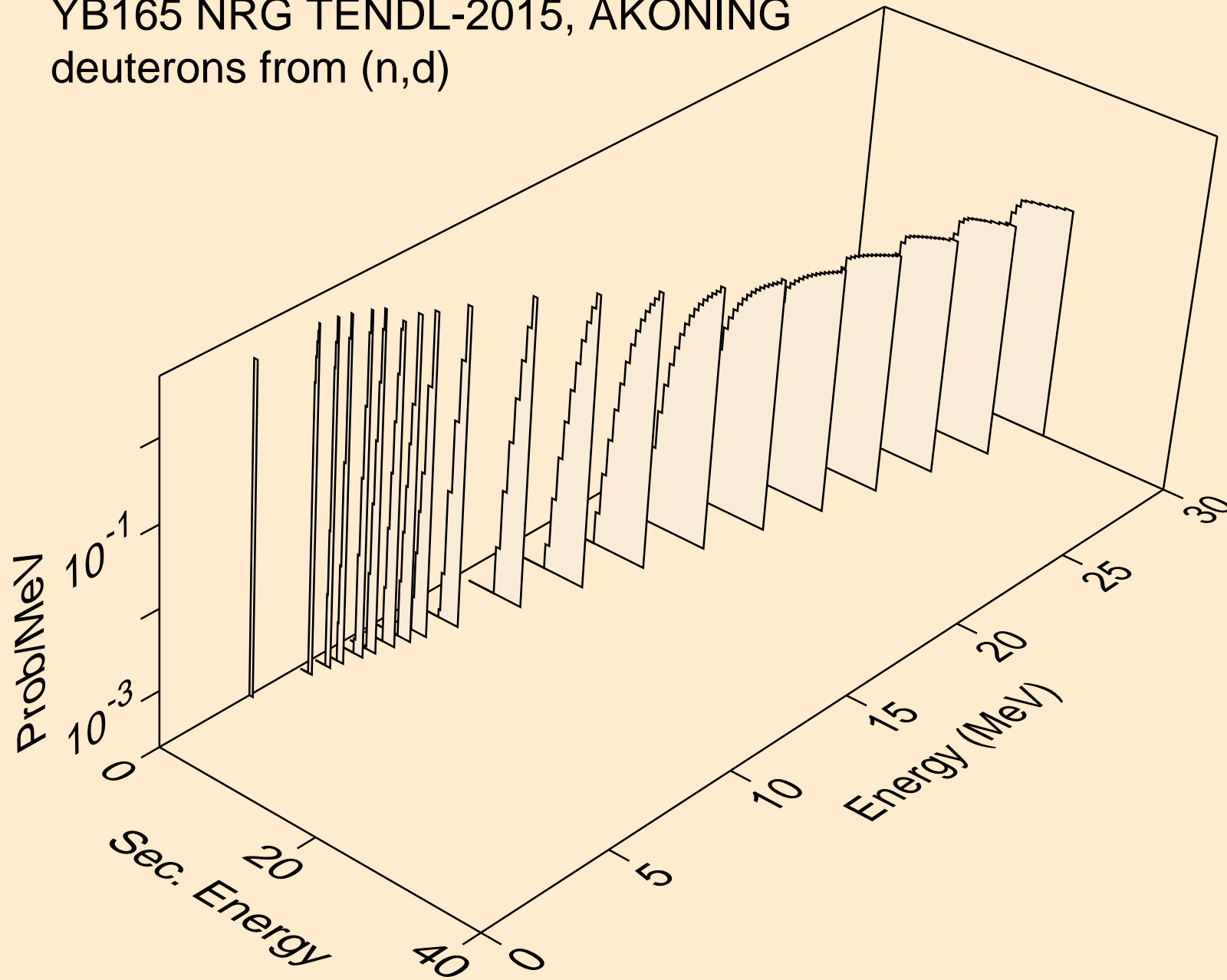
YB165 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



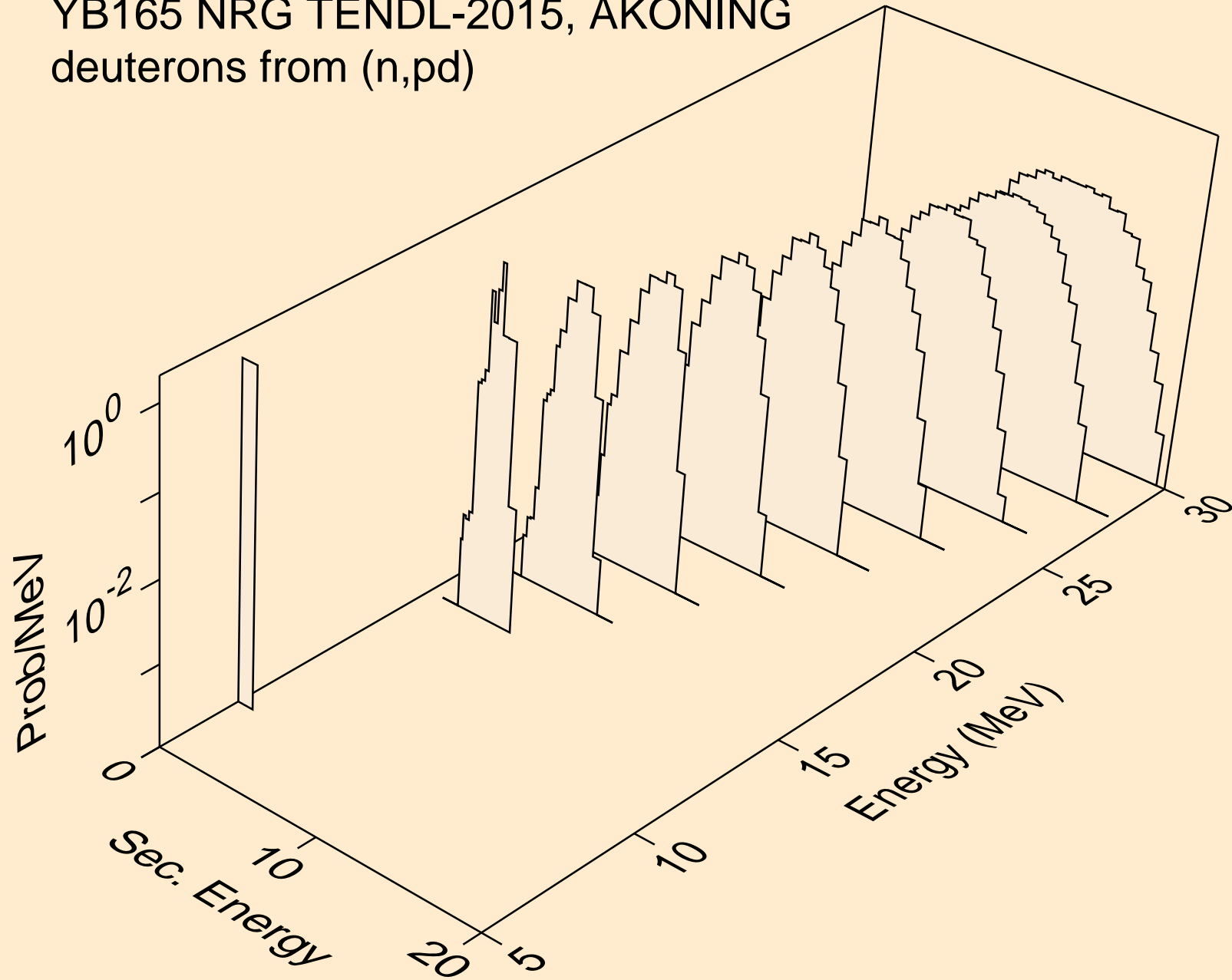
YB165 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



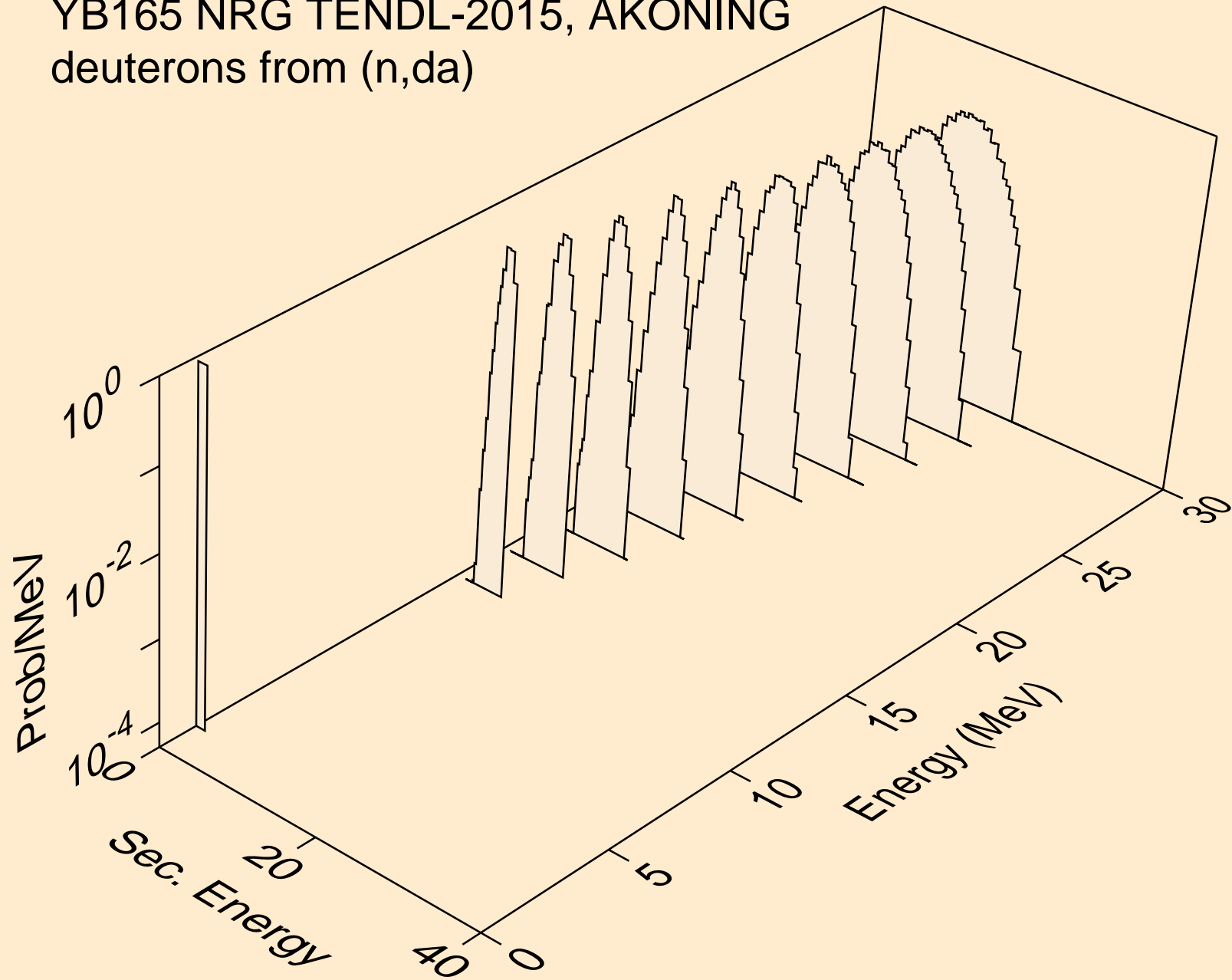
YB165 NRG TENDL-2015, AKONING  
deuterons from (n,d)



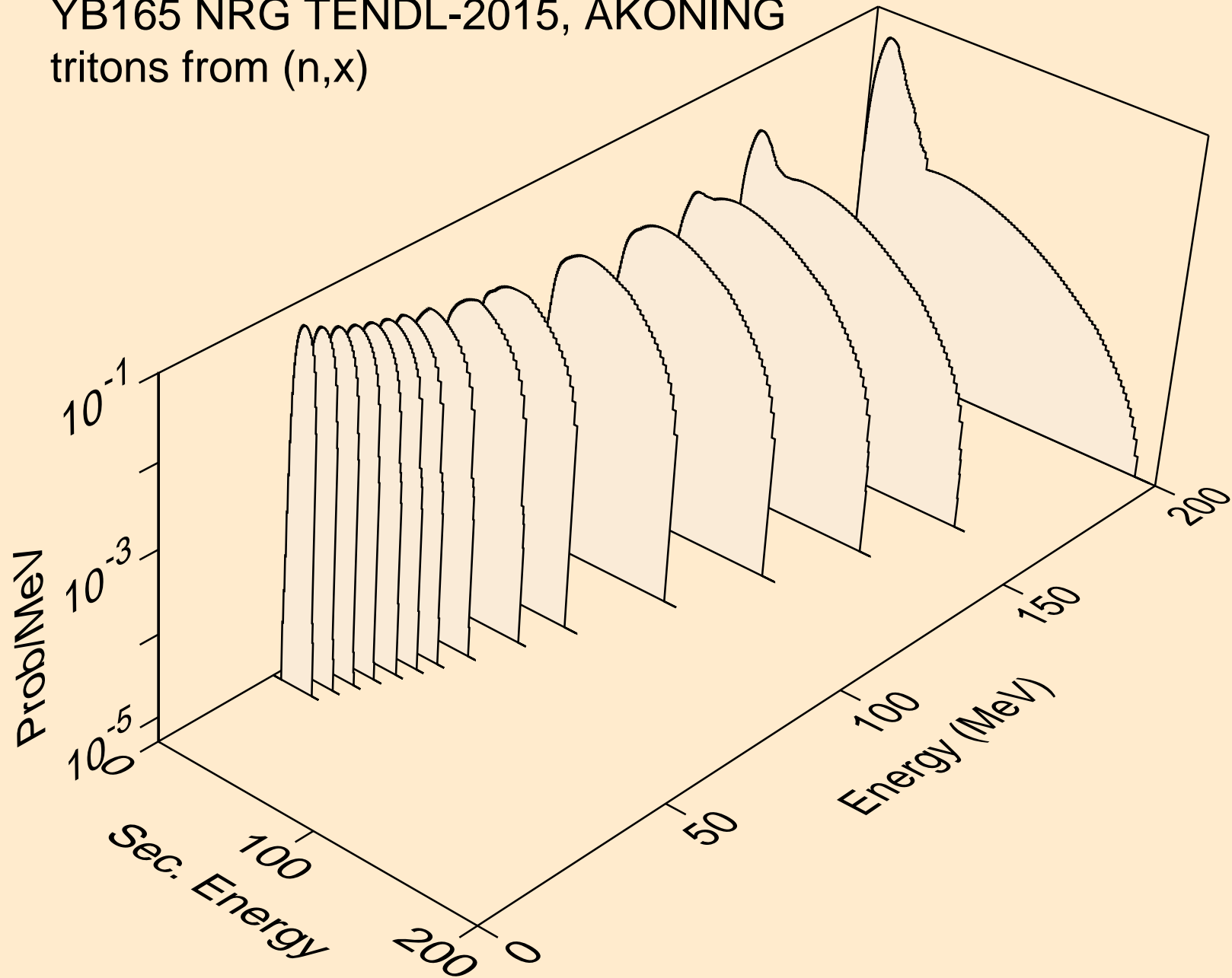
YB165 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



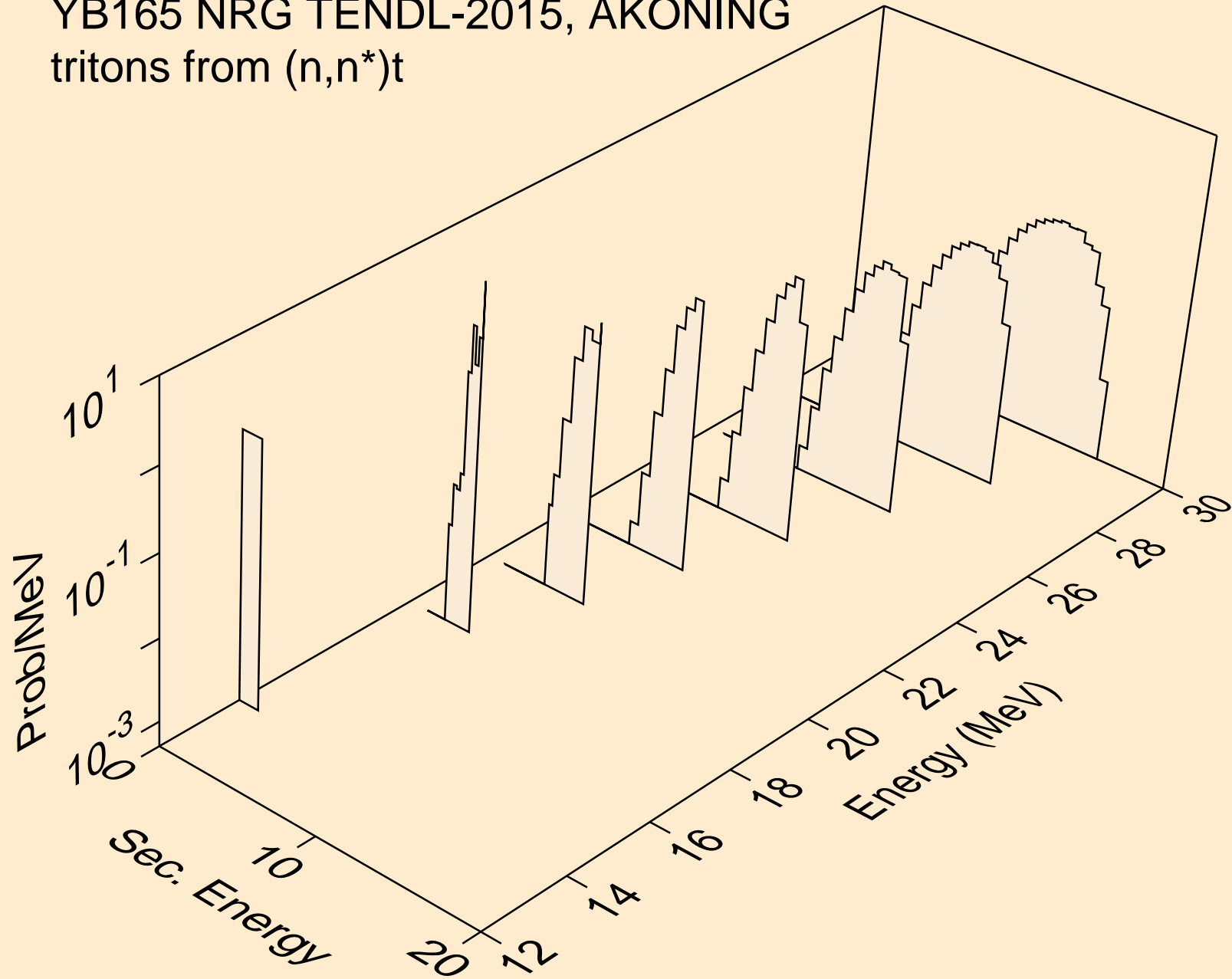
YB165 NRG TENDL-2015, AKONING  
deuterons from (n,da)



YB165 NRG TENDL-2015, AKONING  
tritons from (n,x)

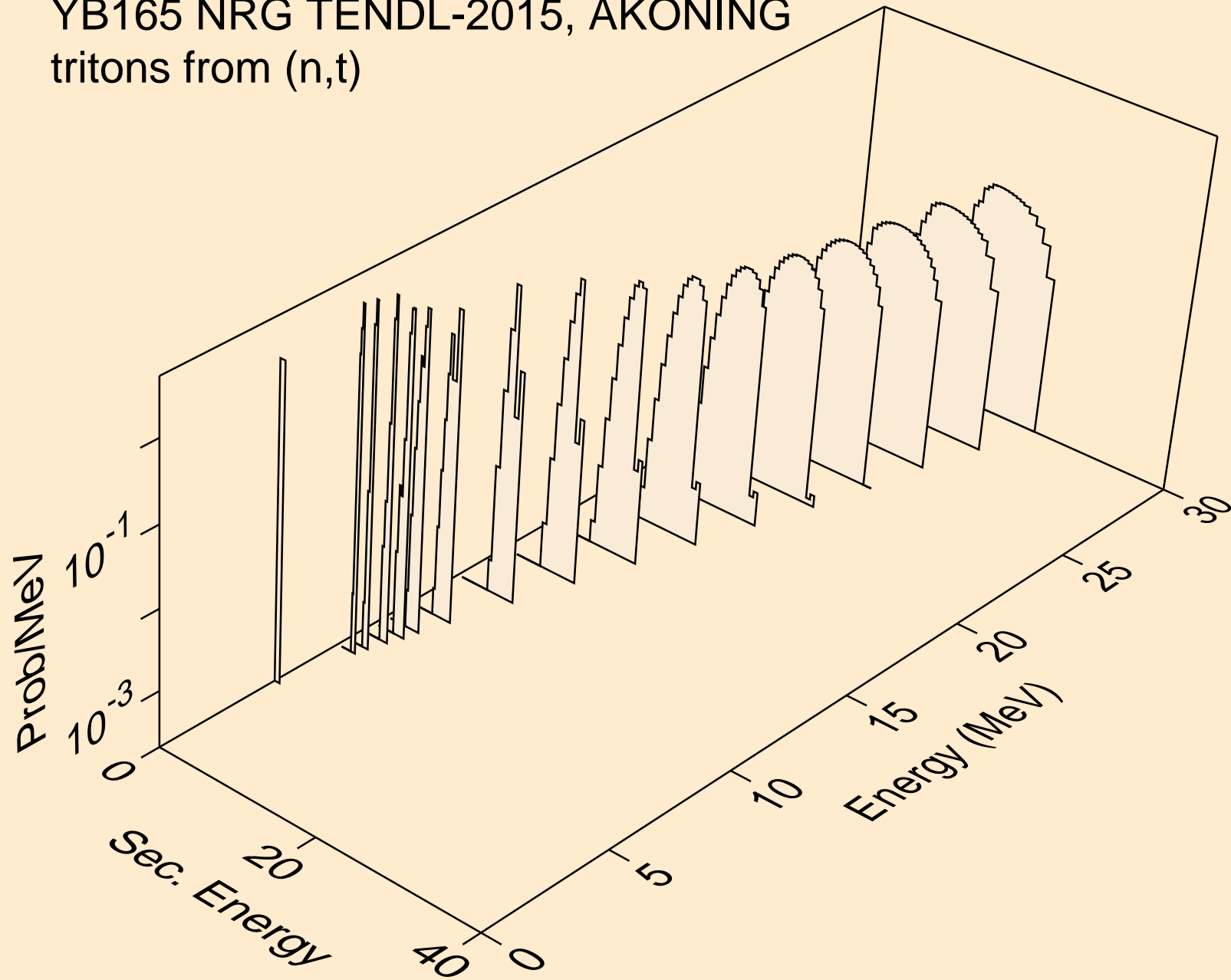


YB165 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t

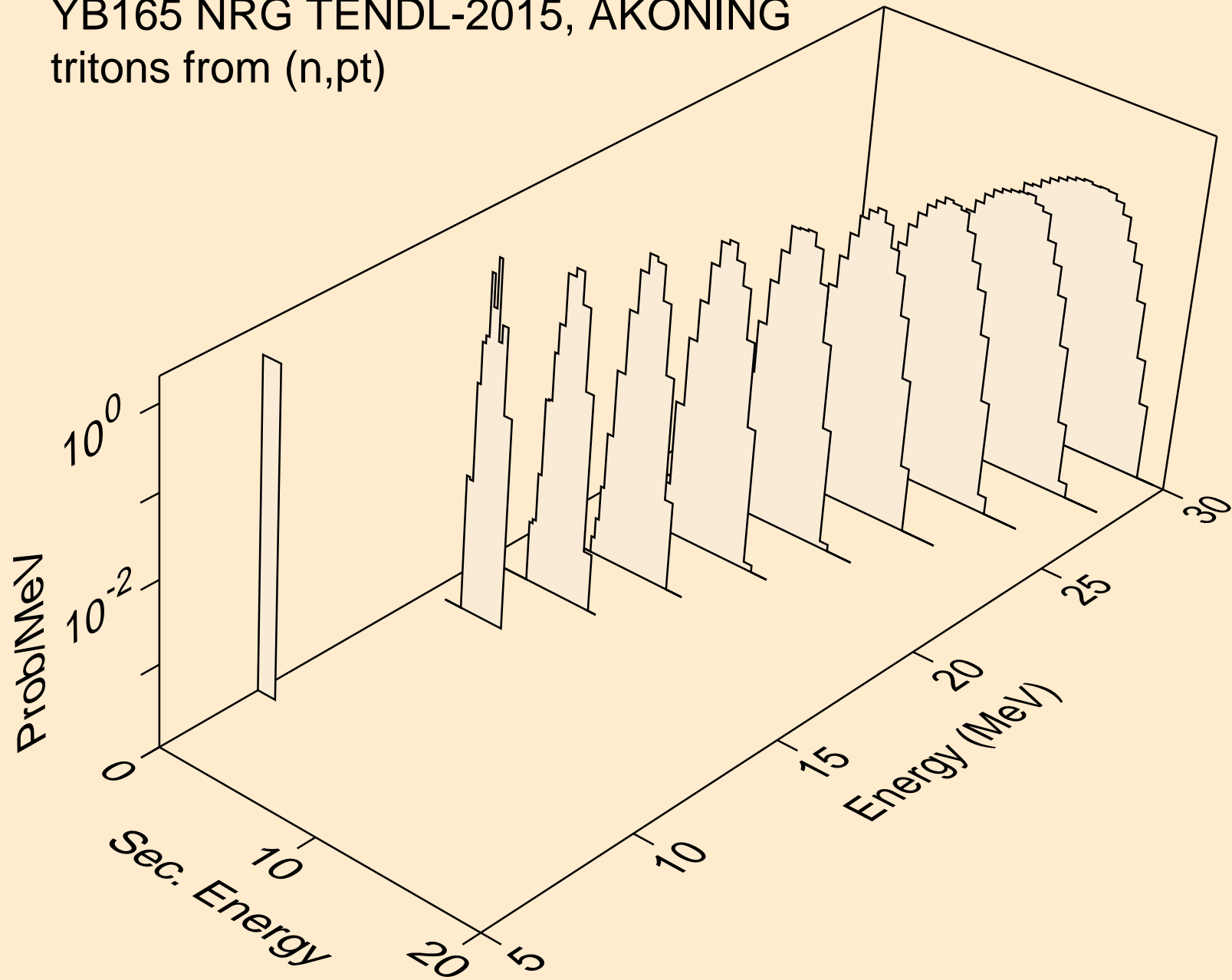




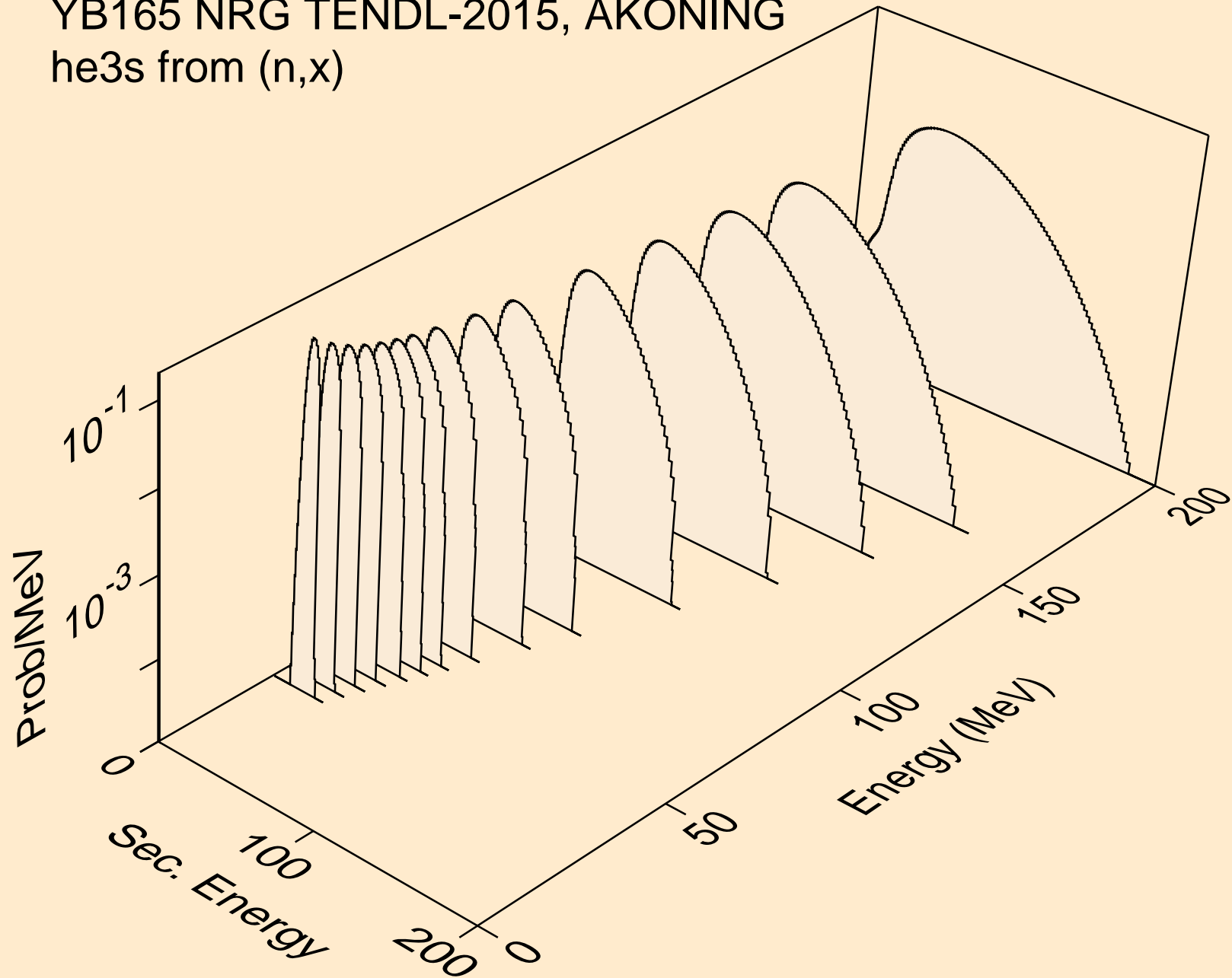
YB165 NRG TENDL-2015, AKONING  
tritons from (n,t)



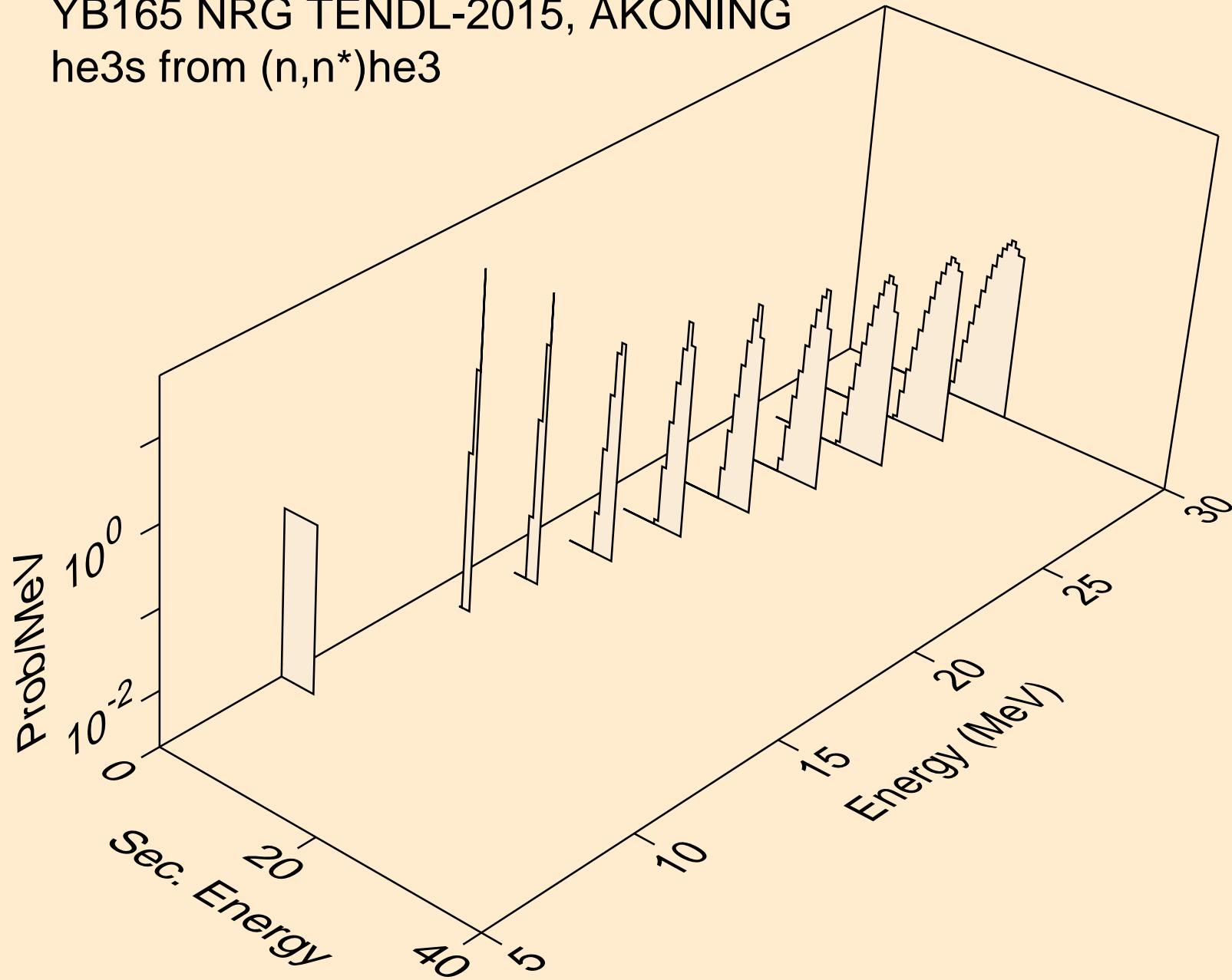
YB165 NRG TENDL-2015, AKONING  
tritons from (n,pt)



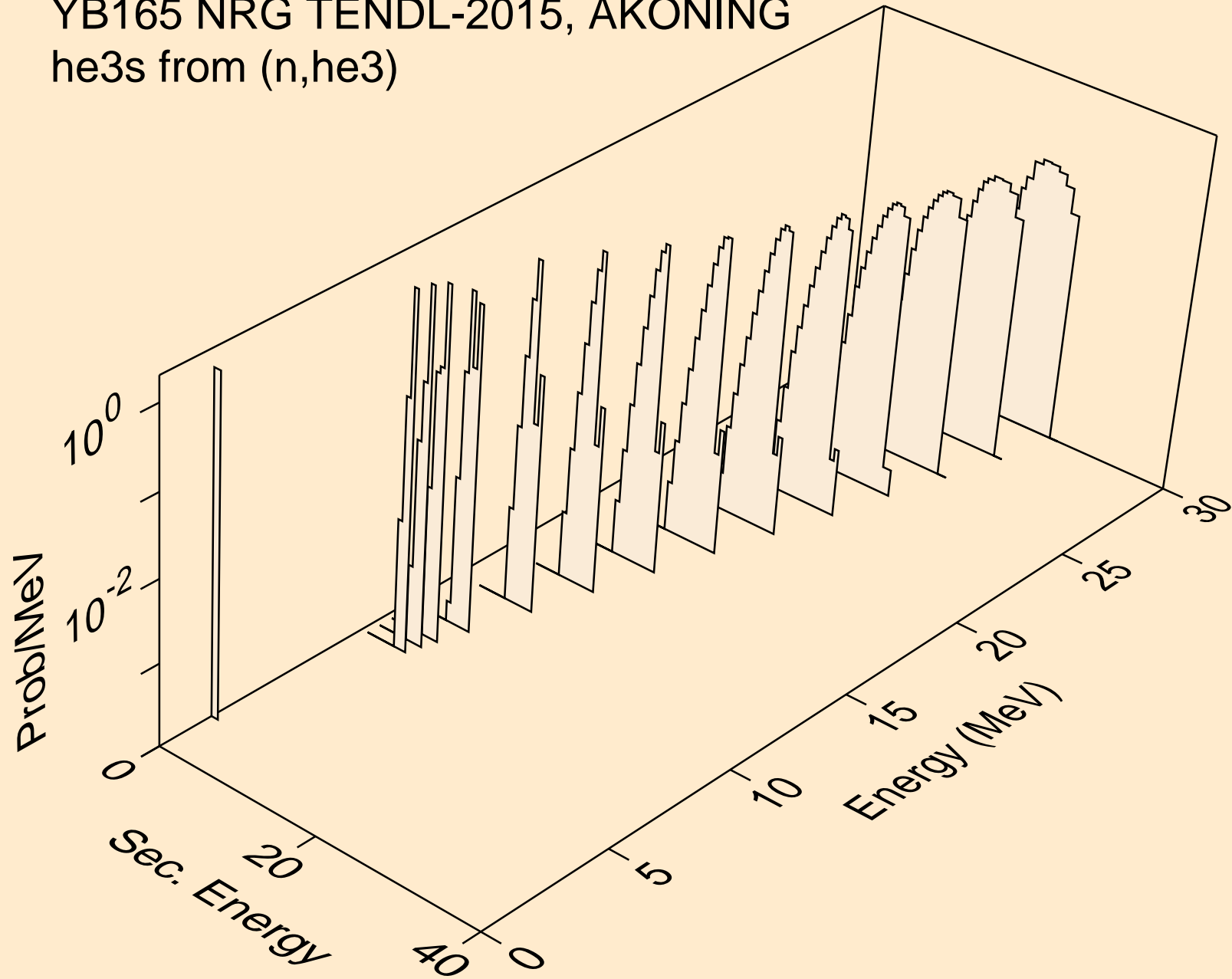
YB165 NRG TENDL-2015, AKONING  
he3s from (n,x)



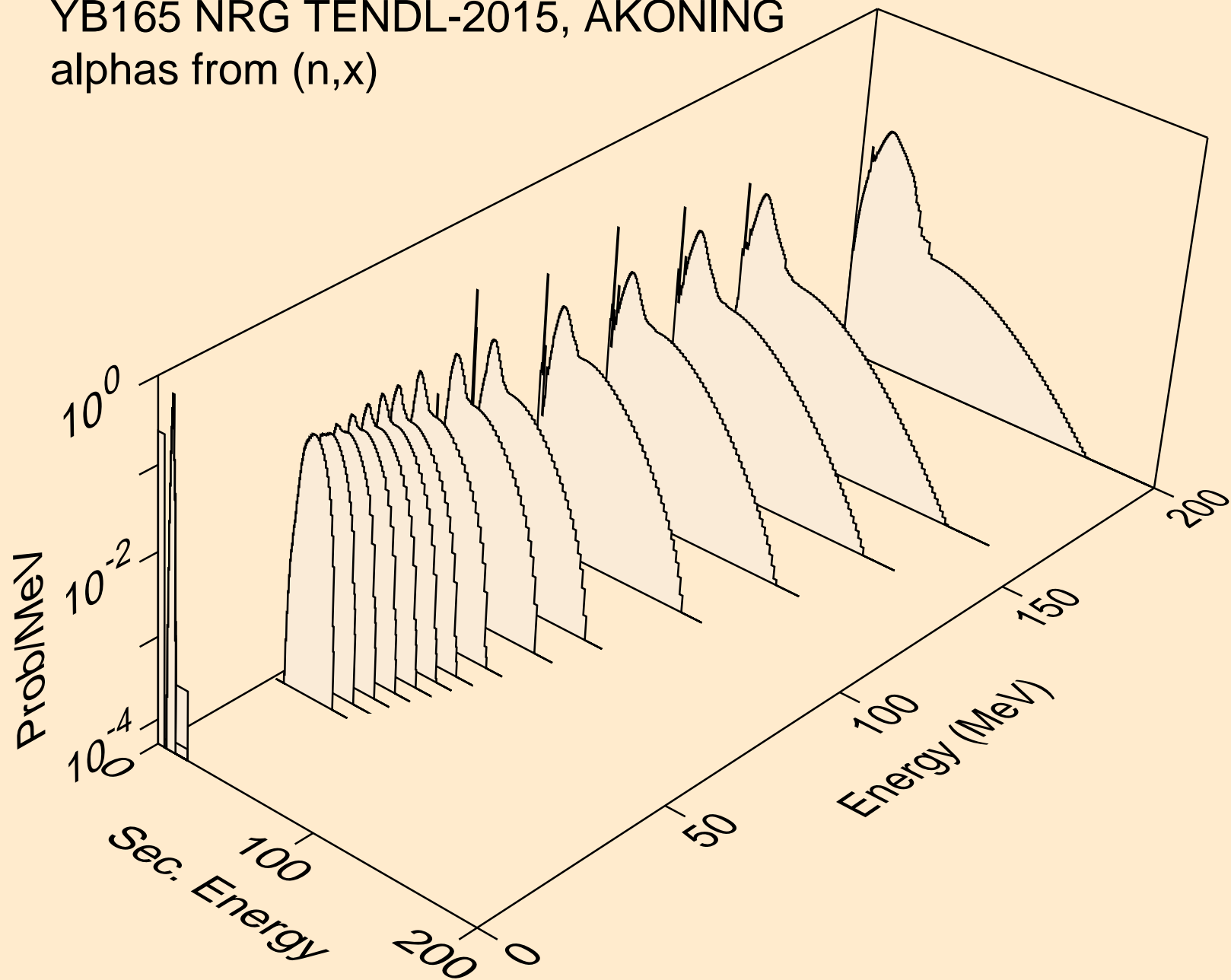
YB165 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



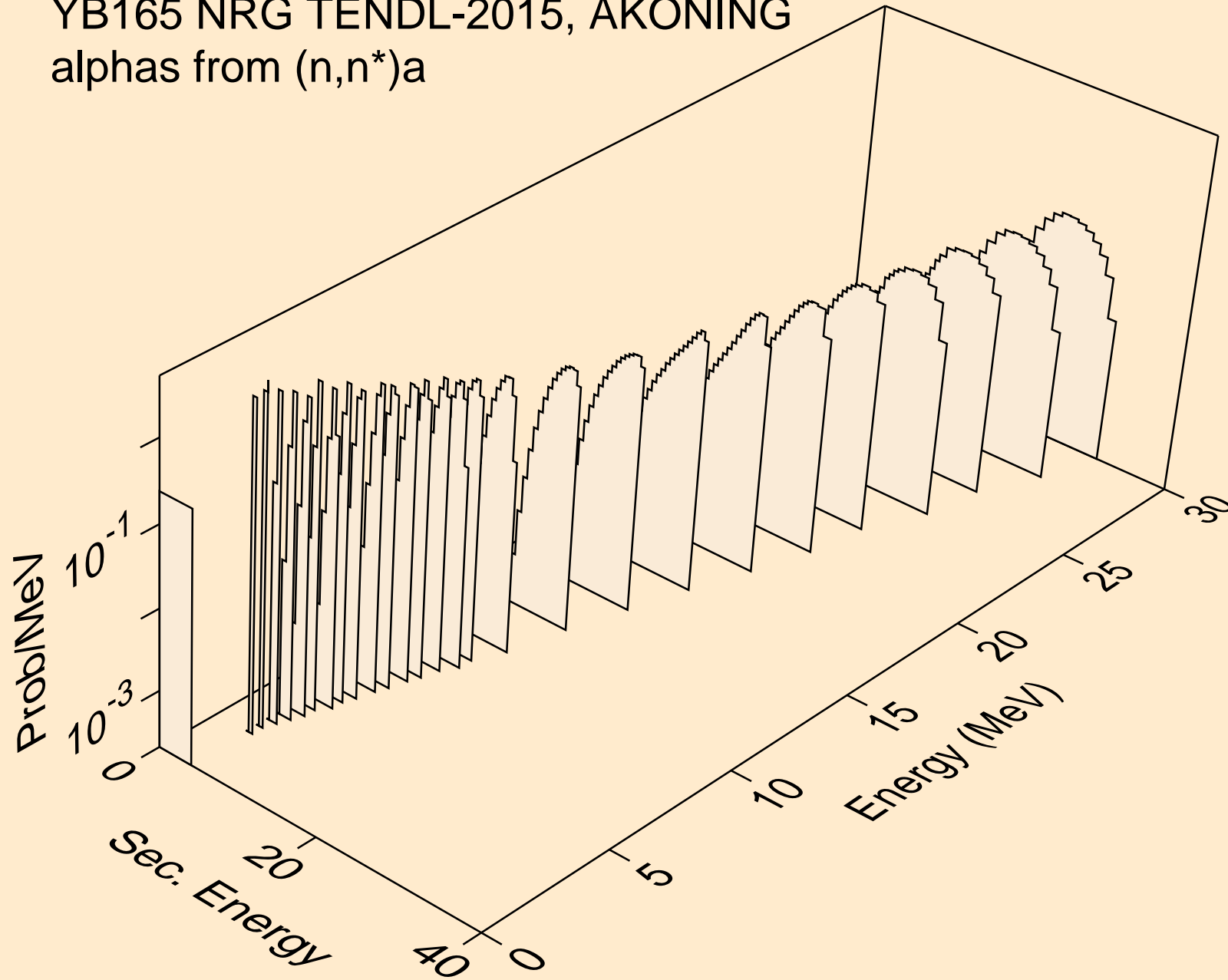
YB165 NRG TENDL-2015, AKONING  
he3s from (n,he3)



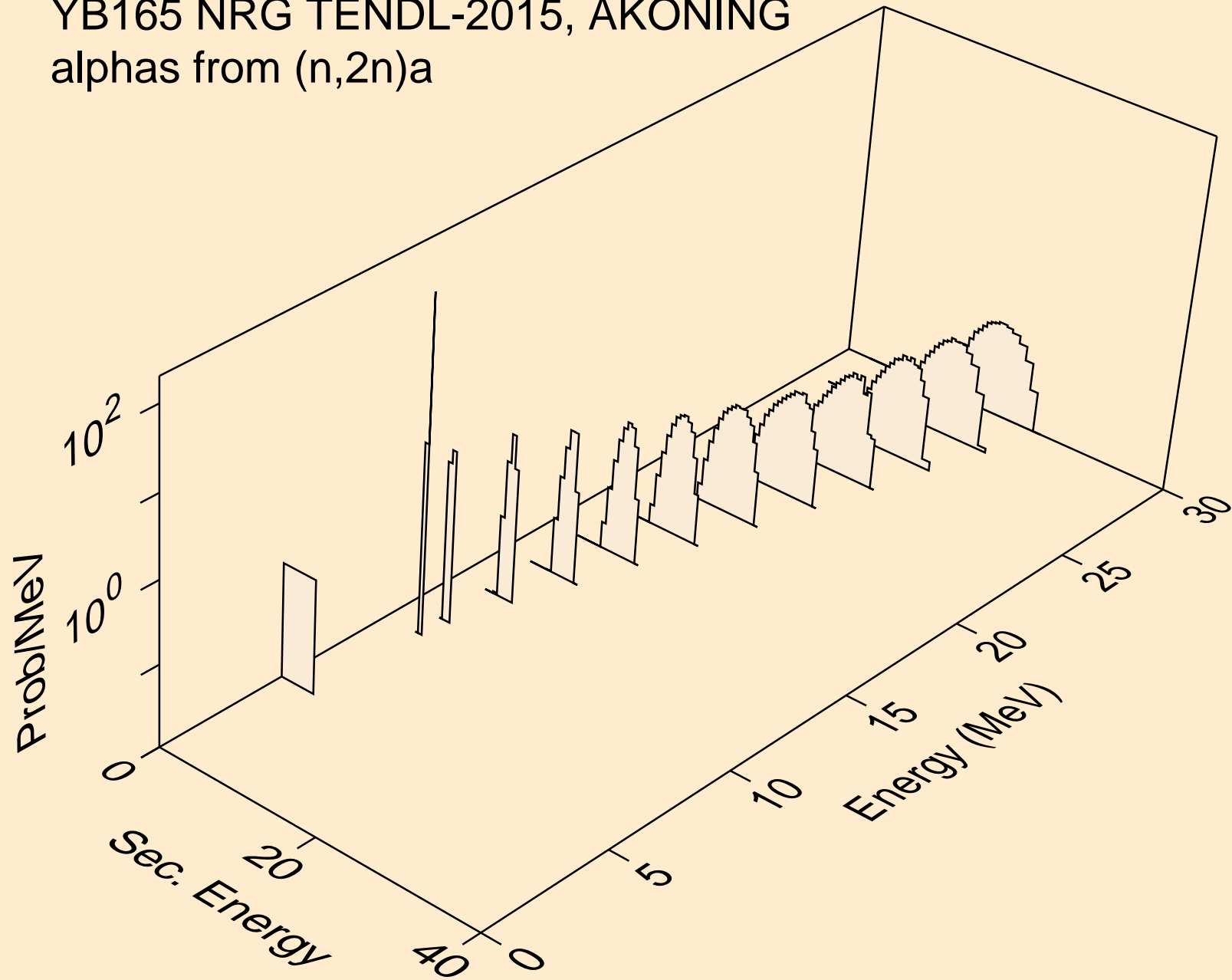
YB165 NRG TENDL-2015, AKONING  
alphas from (n,x)



YB165 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a

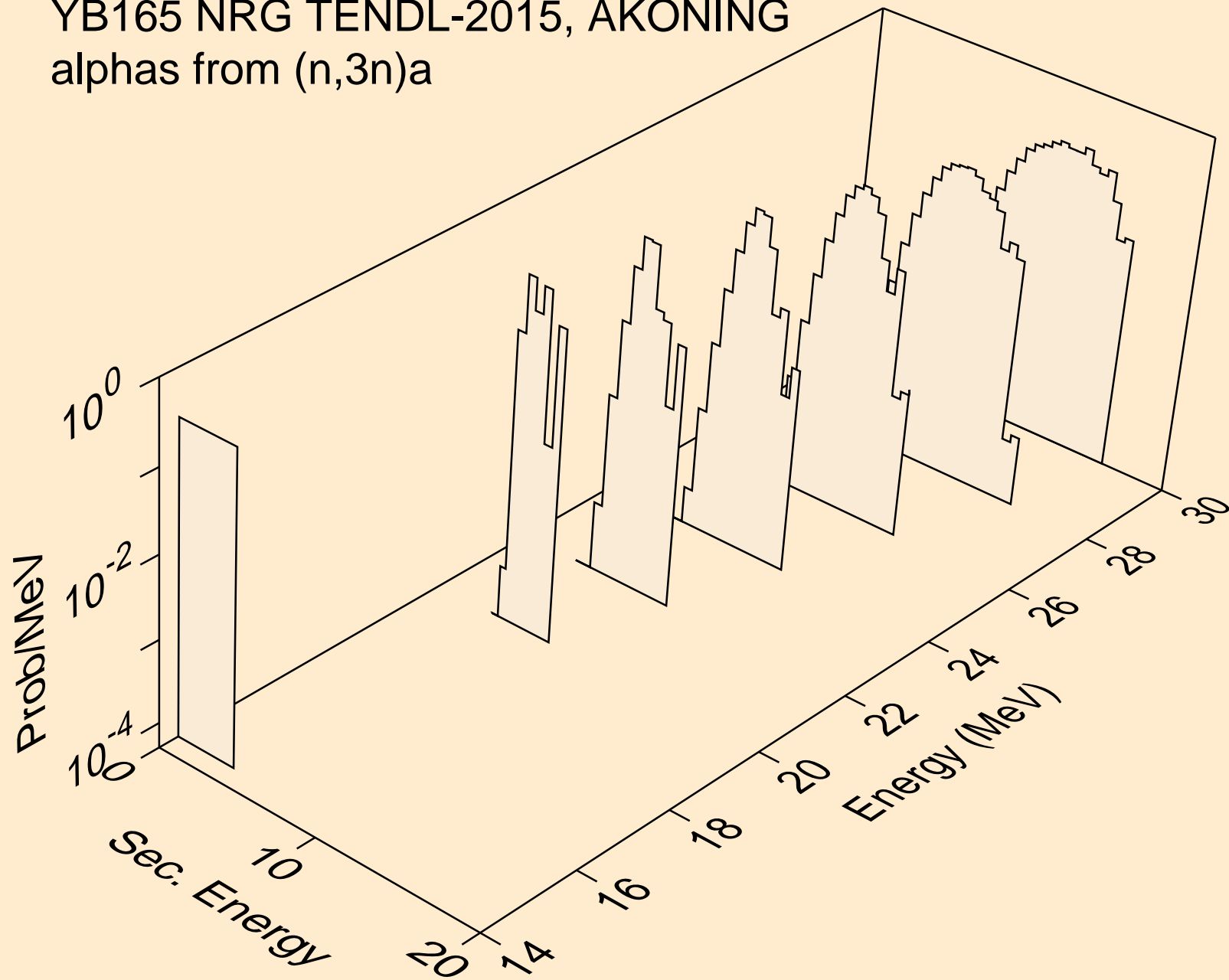


YB165 NRG TENDL-2015, AKONING  
alphas from (n,2n)a

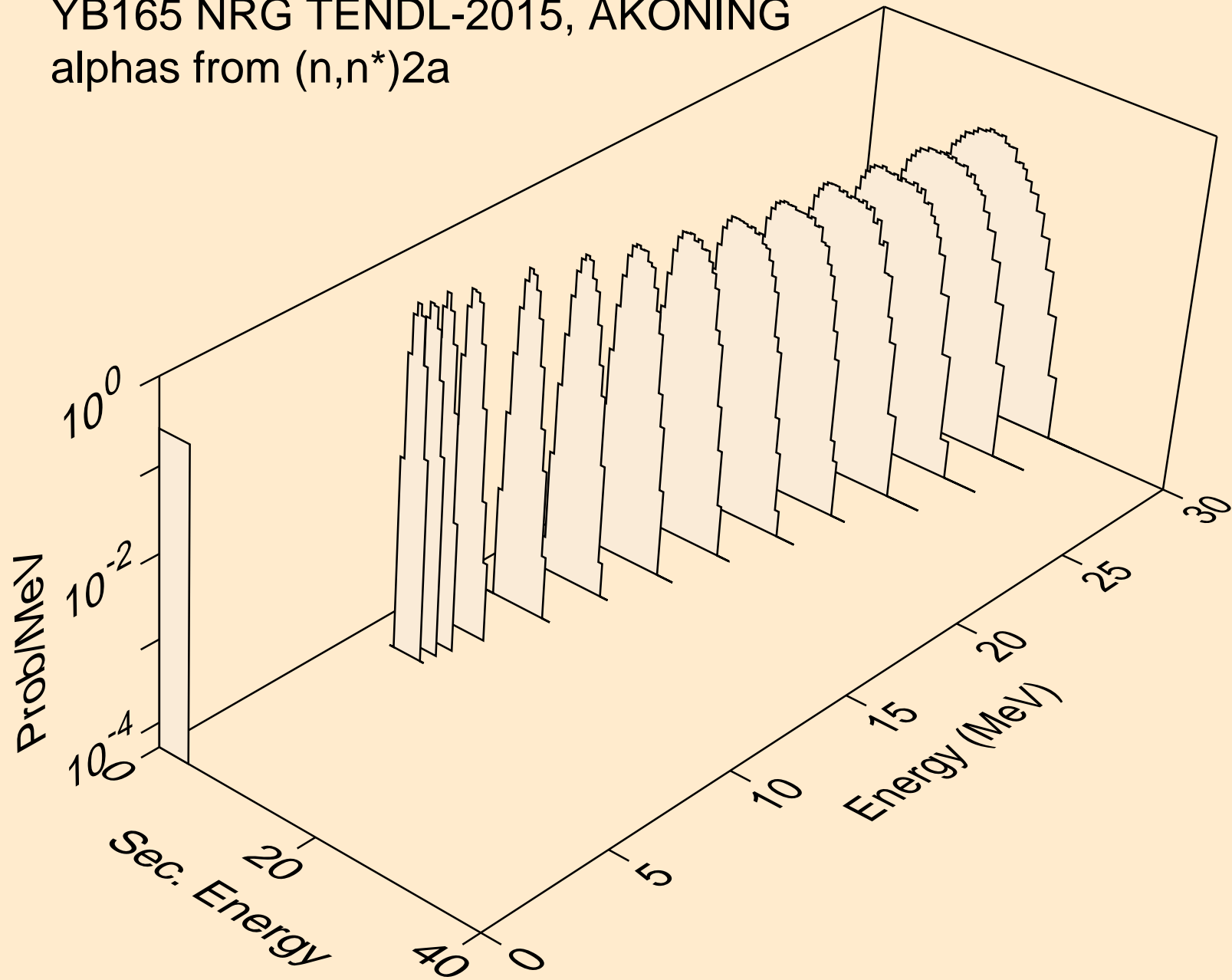




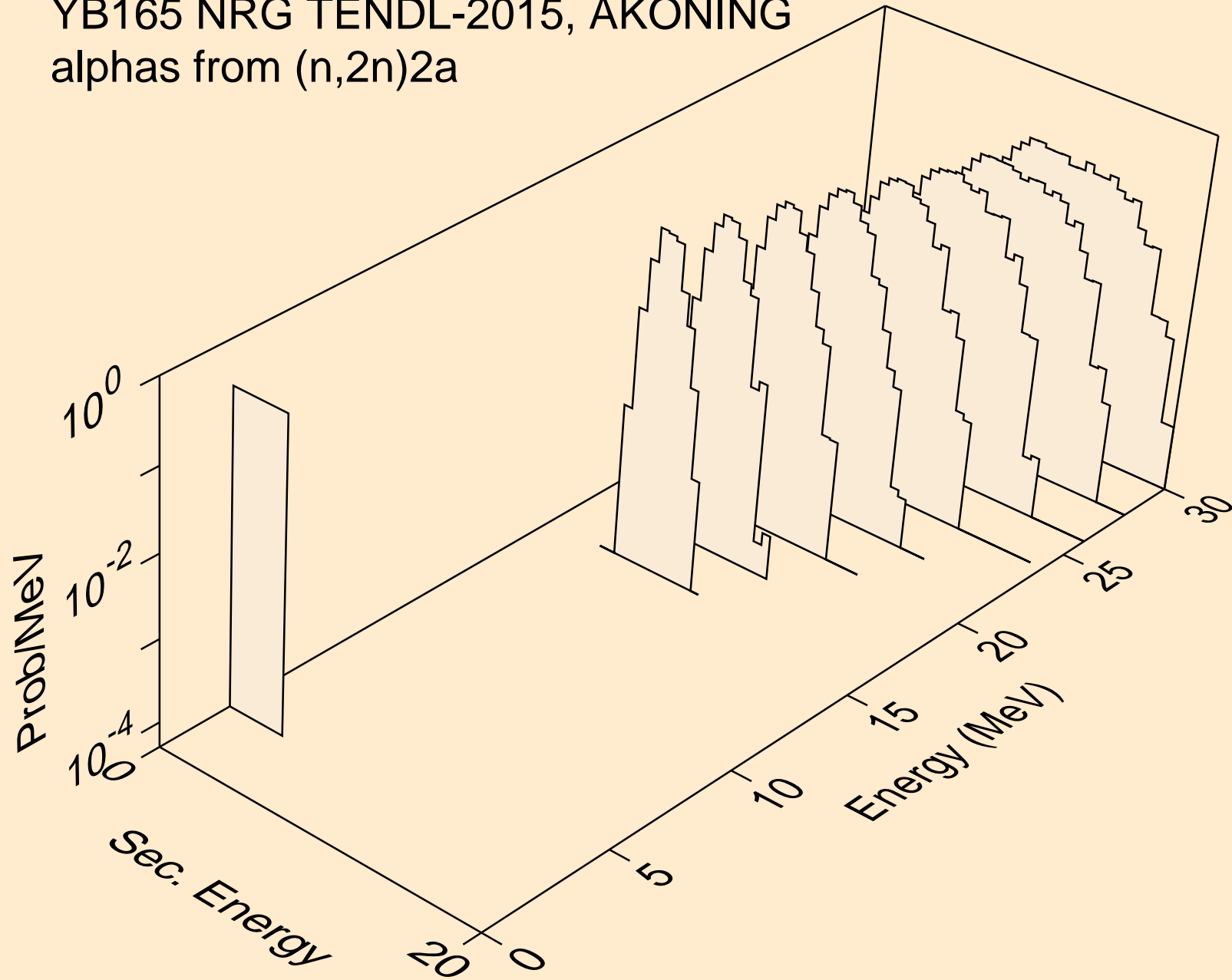
YB165 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



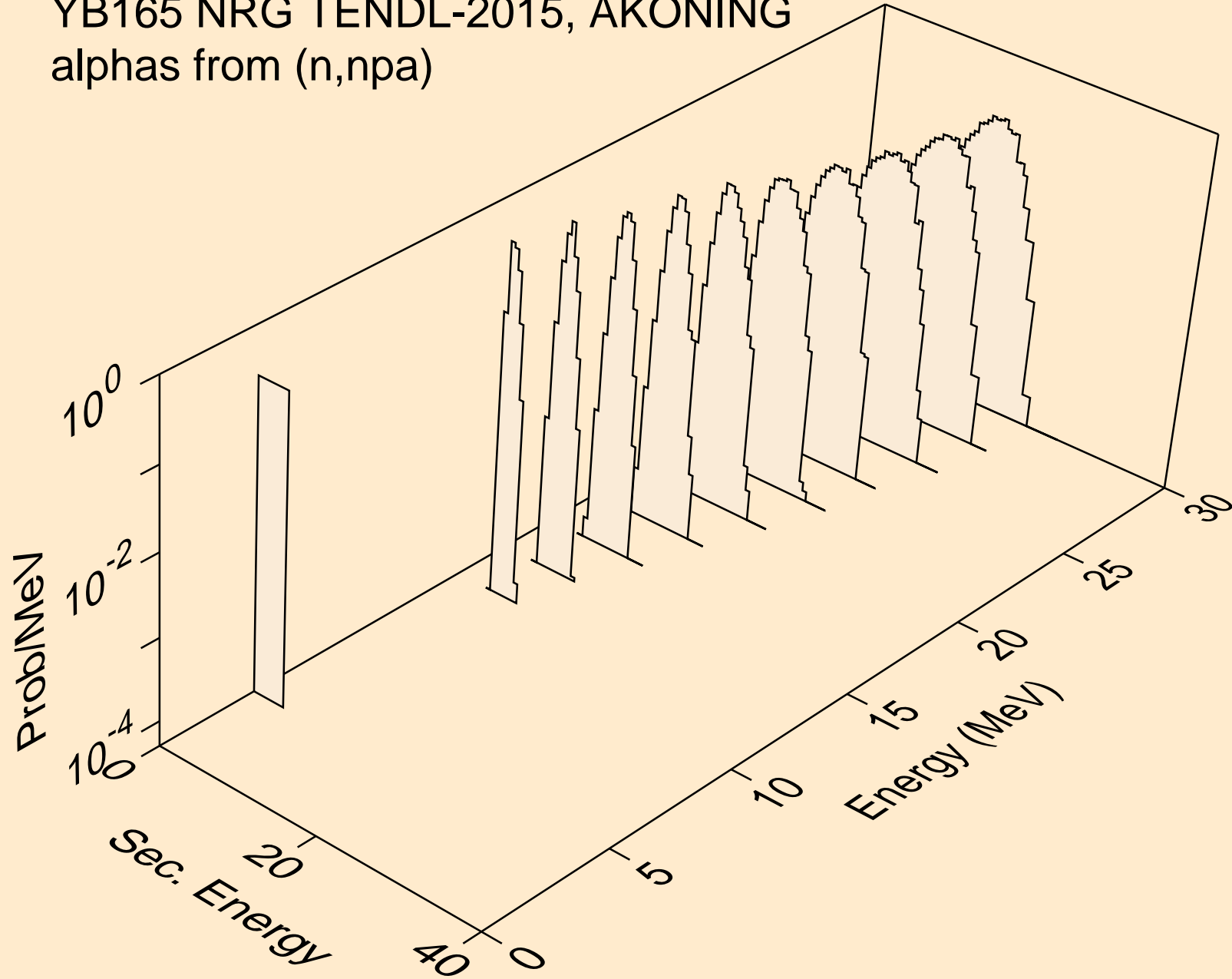
YB165 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



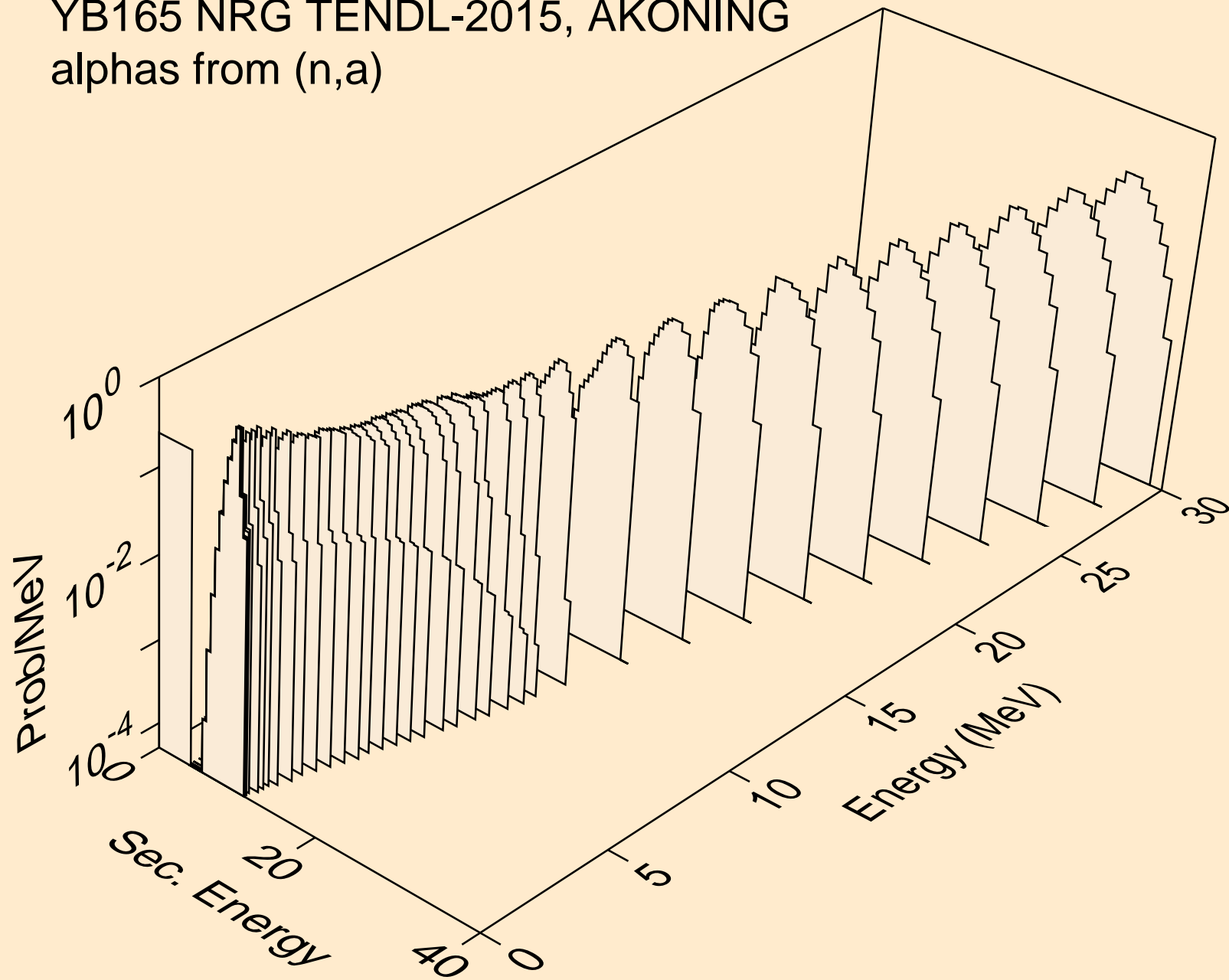
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alphas from (n,2n)2a



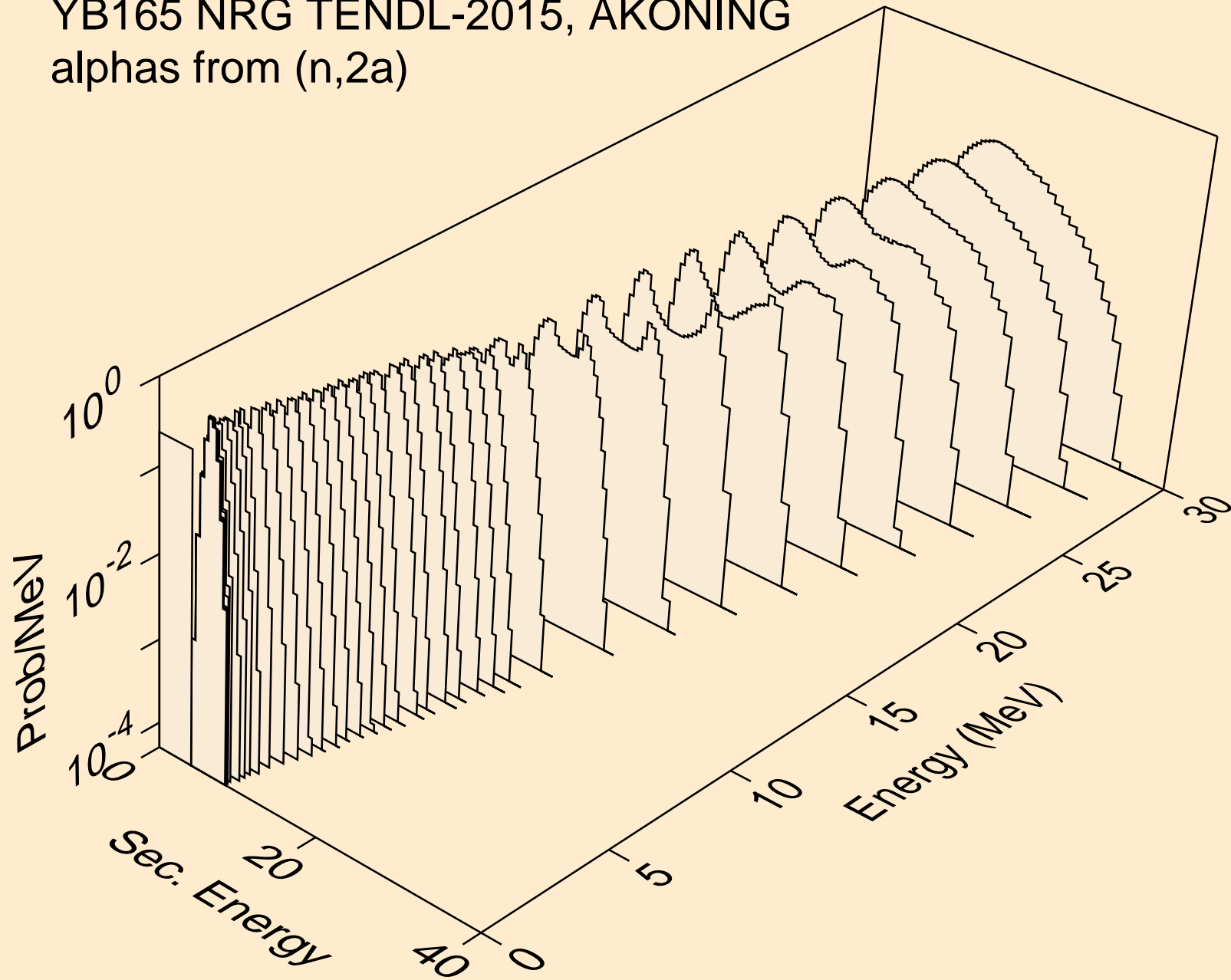
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alphas from (n,npa)



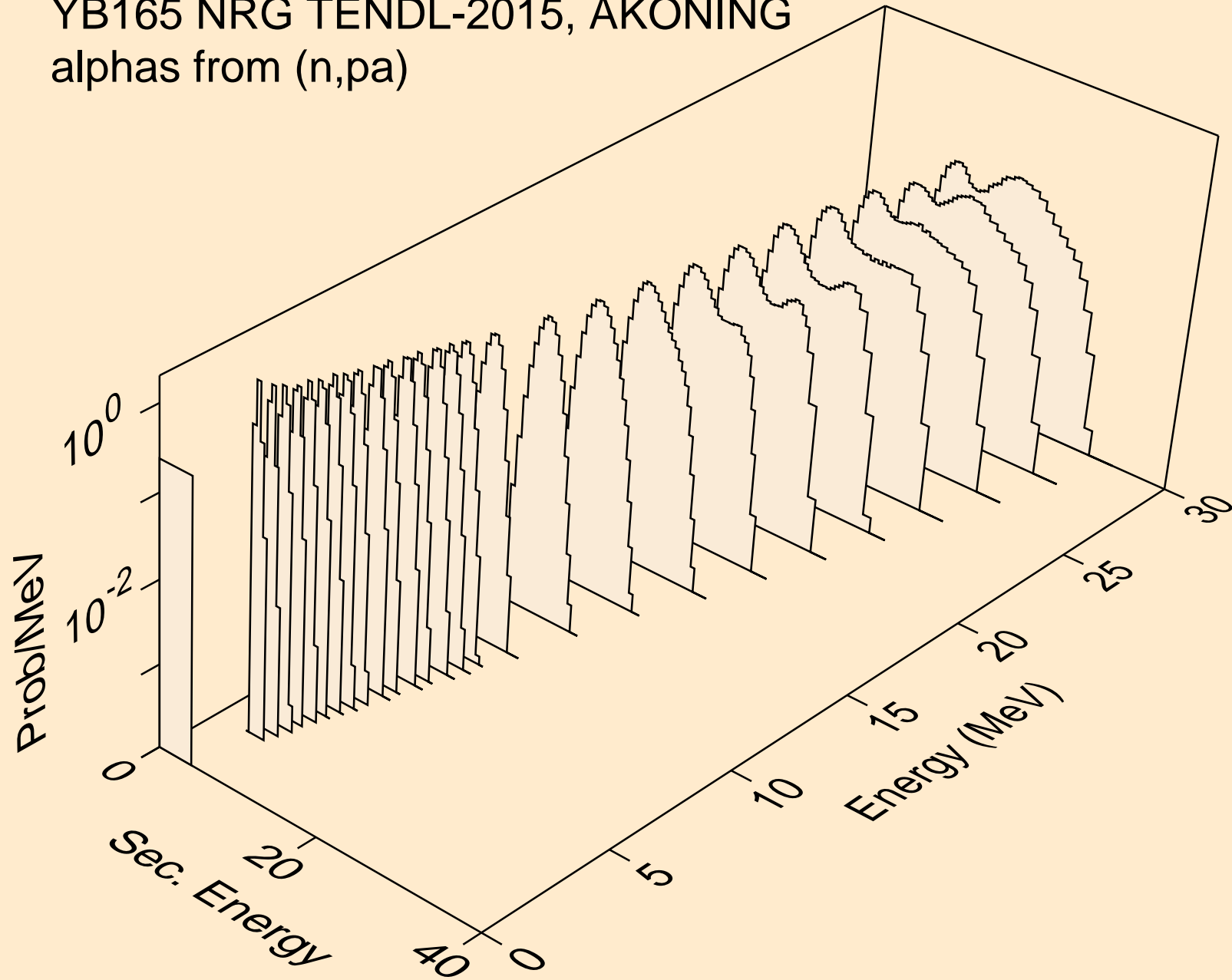
YB165 NRG TENDL-2015, AKONING  
alphas from (n,a)



YB165 NRG TENDL-2015, AKONING  
alphas from (n,2a)



YB165 NRG TENDL-2015, AKONING  
alphas from (n,pa)



YB165 NRG TENDL-2015, AKONING  
alphas from (n,da)

