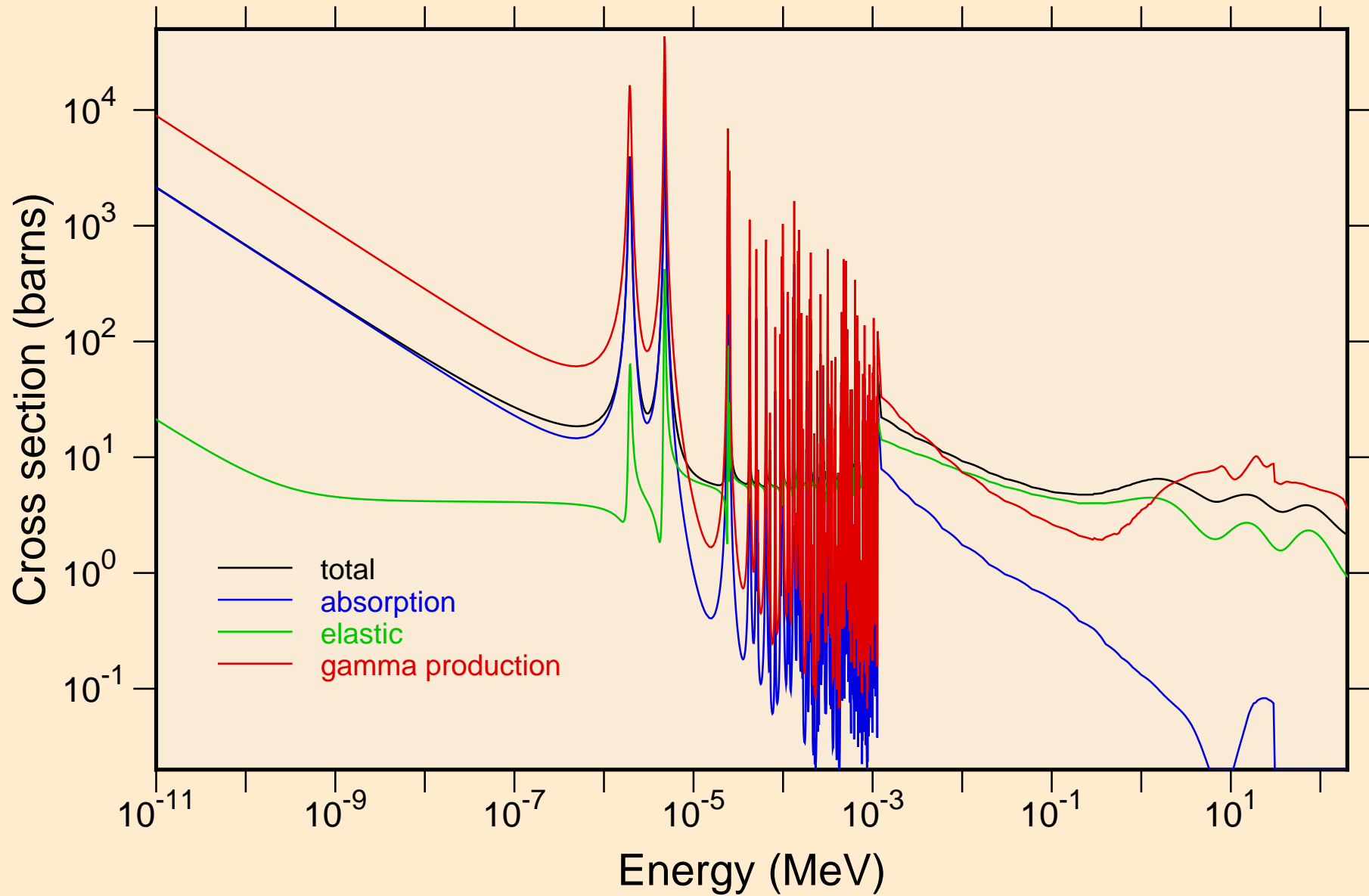
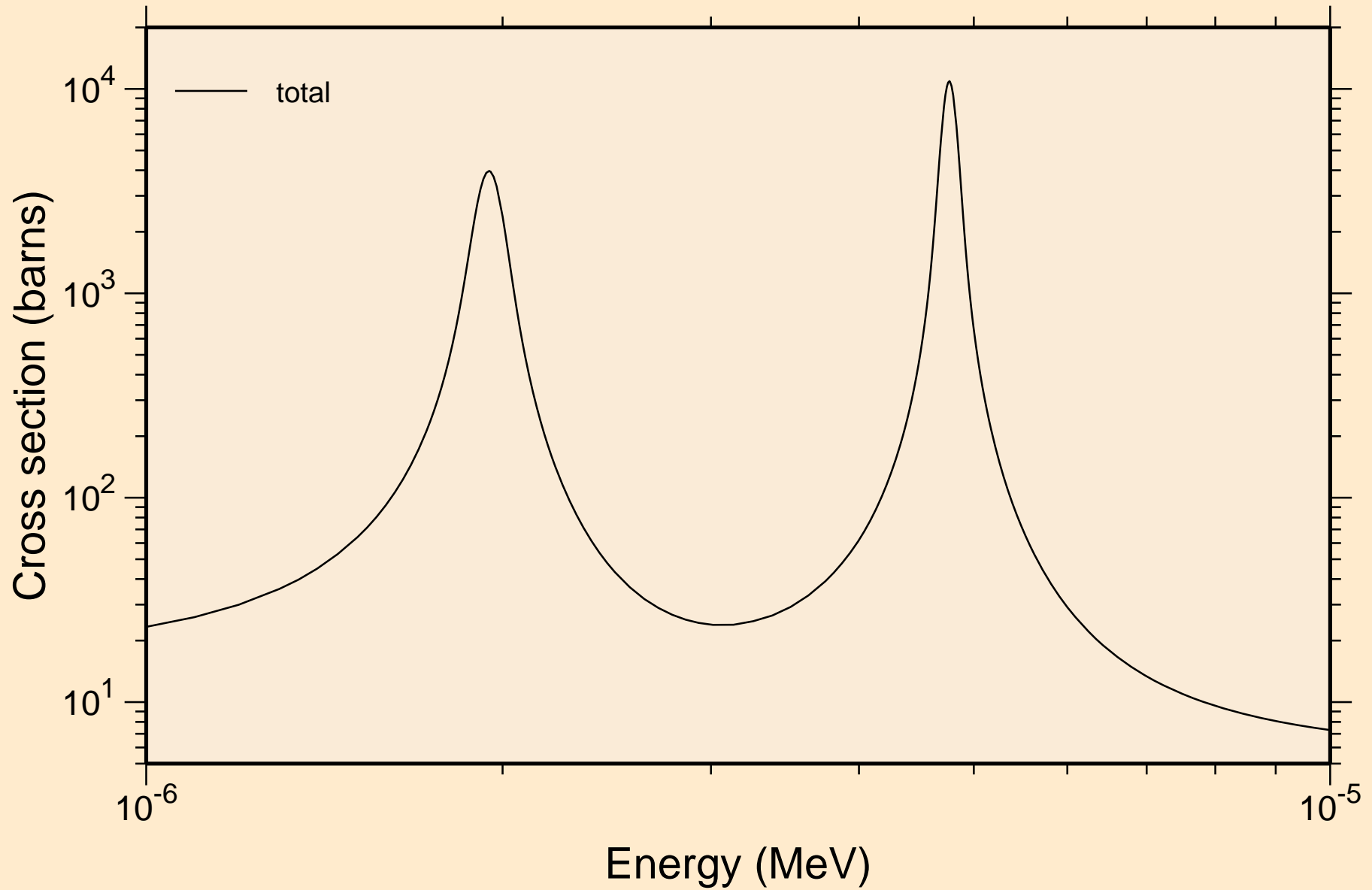


# BA131 NRG TENDL-2015, AKONING

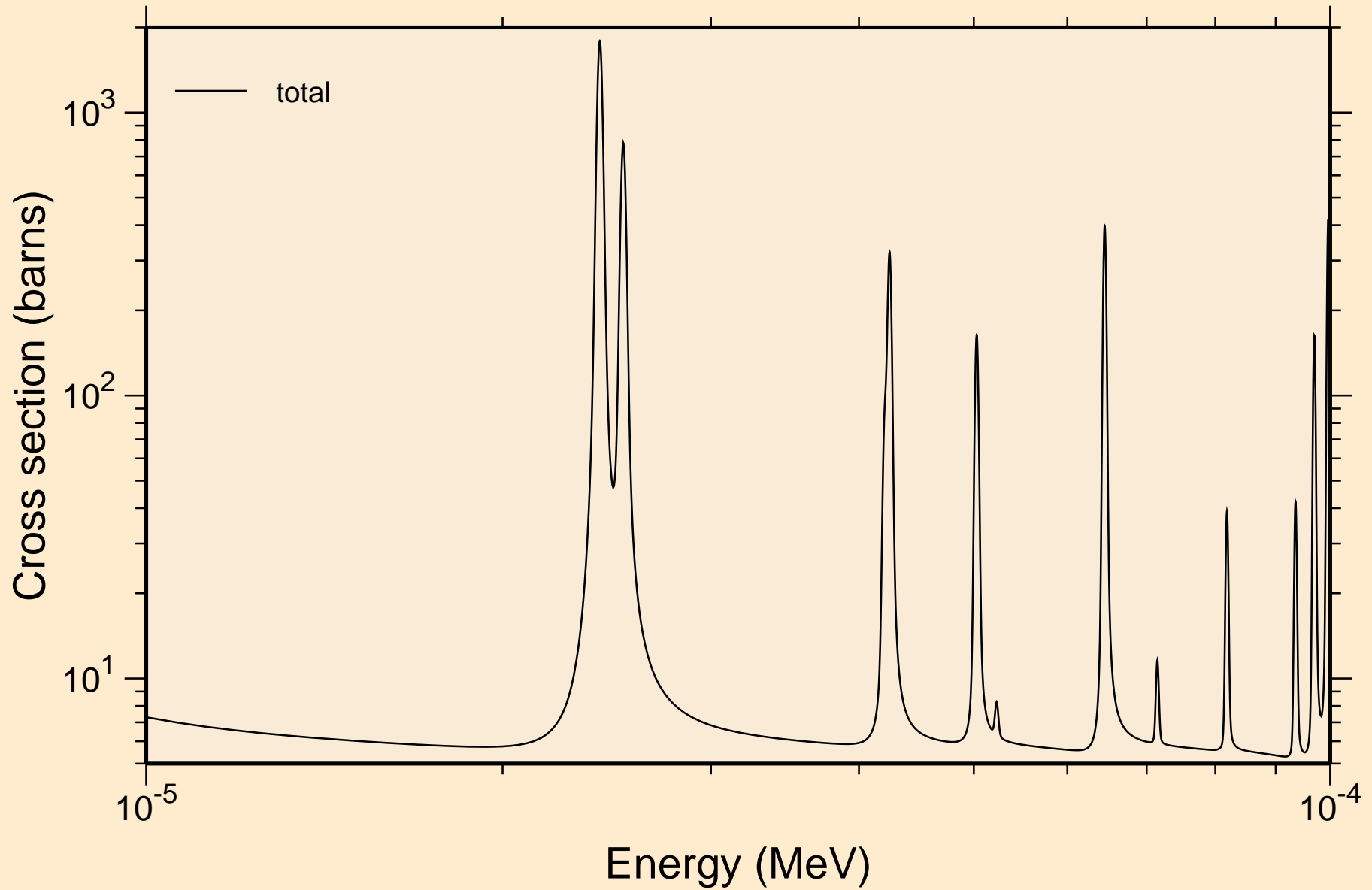
## Principal cross sections



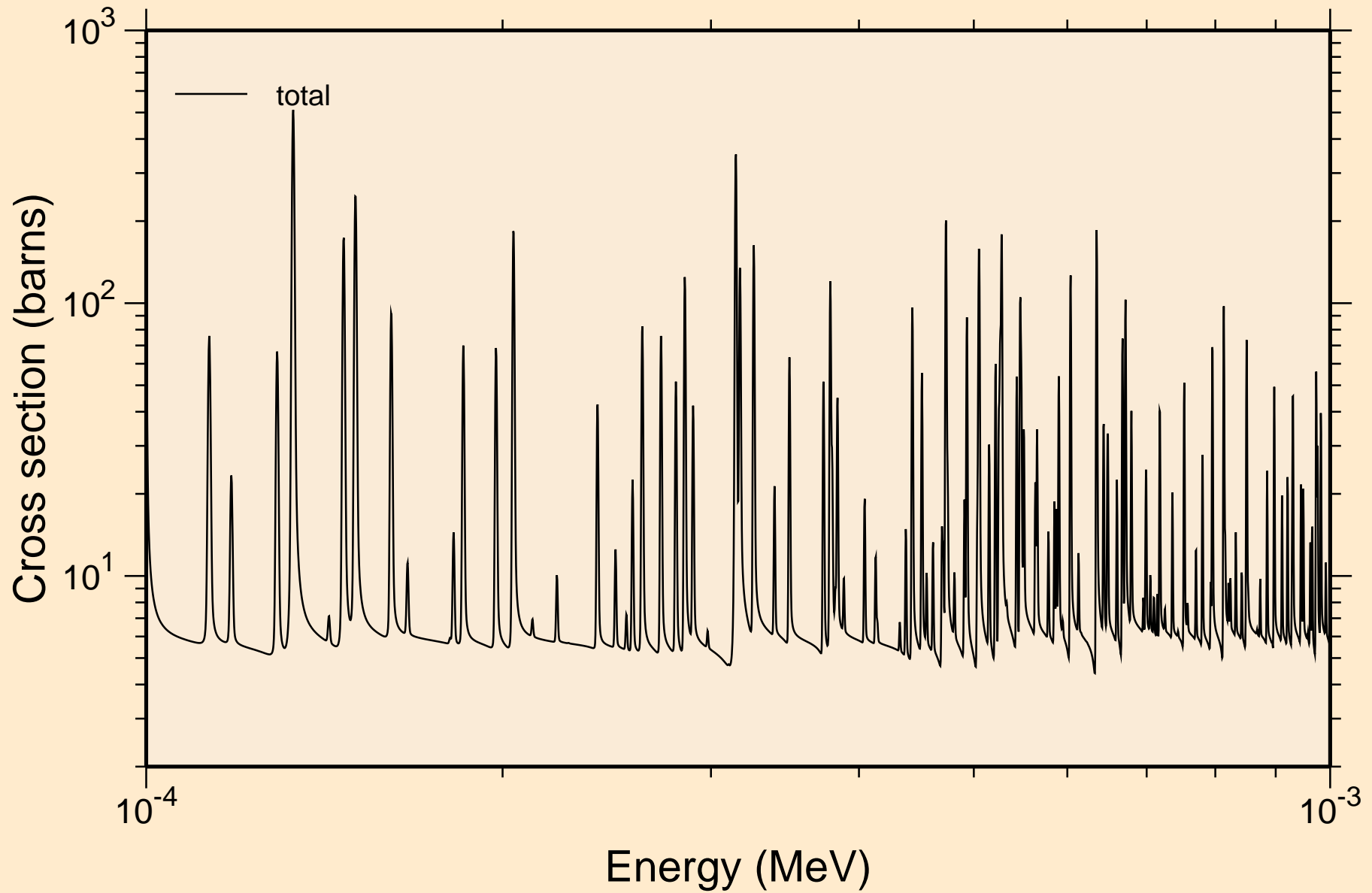
BA131 NRG TENDL-2015, AKONING  
resonance total cross section



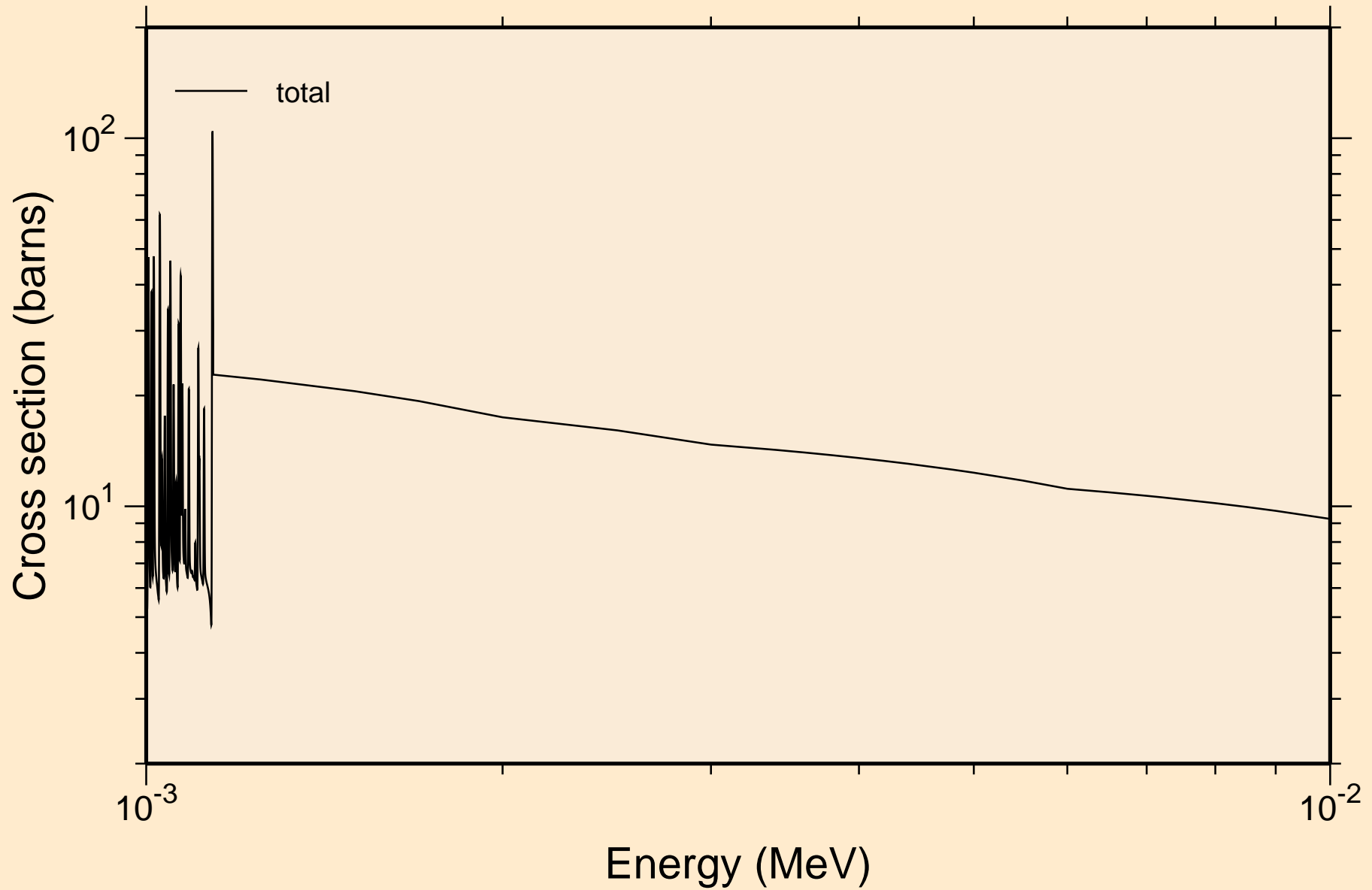
BA131 NRG TENDL-2015, AKONING  
resonance total cross section



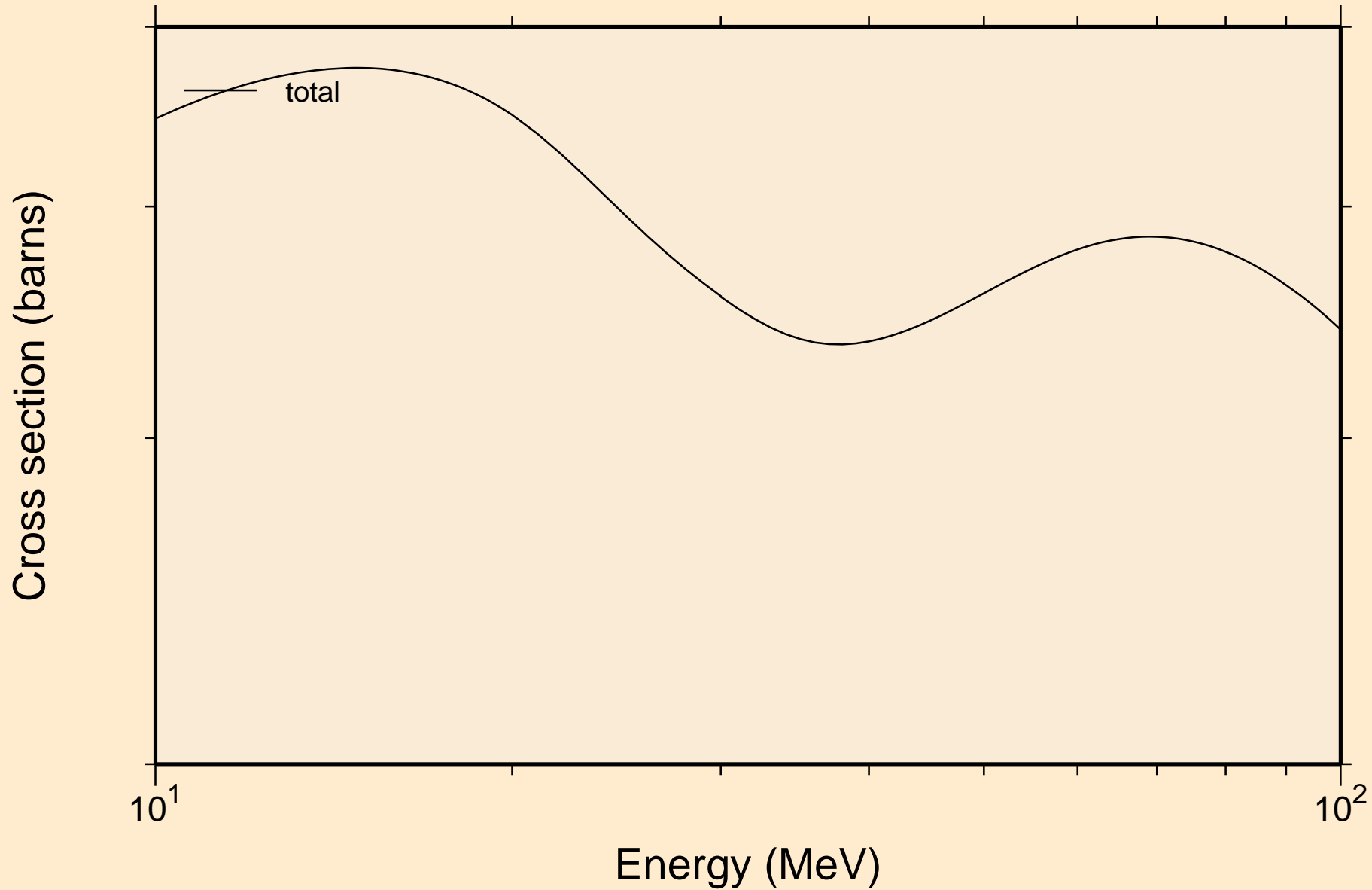
BA131 NRG TENDL-2015, AKONING  
resonance total cross section



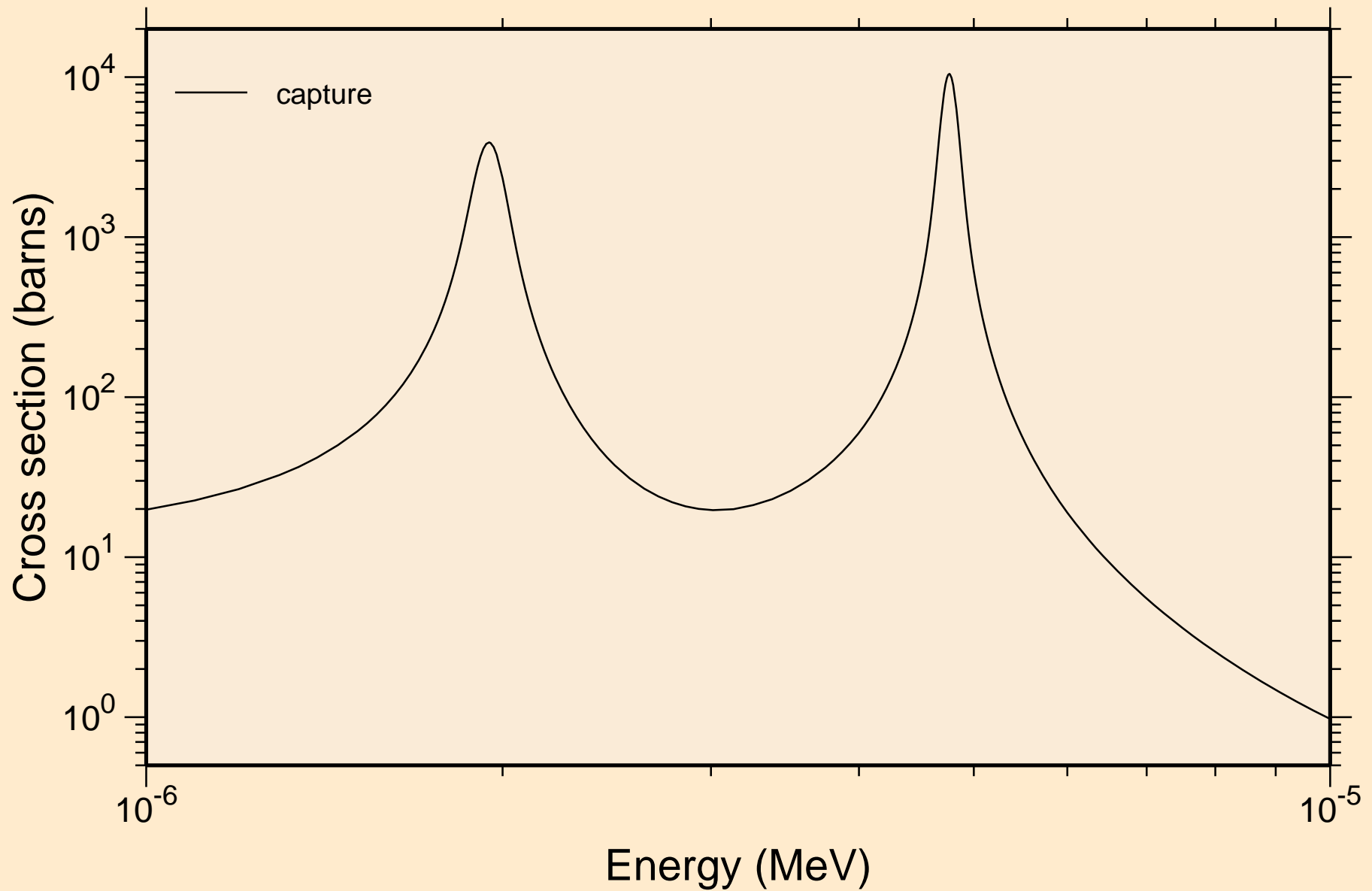
BA131 NRG TENDL-2015, AKONING  
resonance total cross section



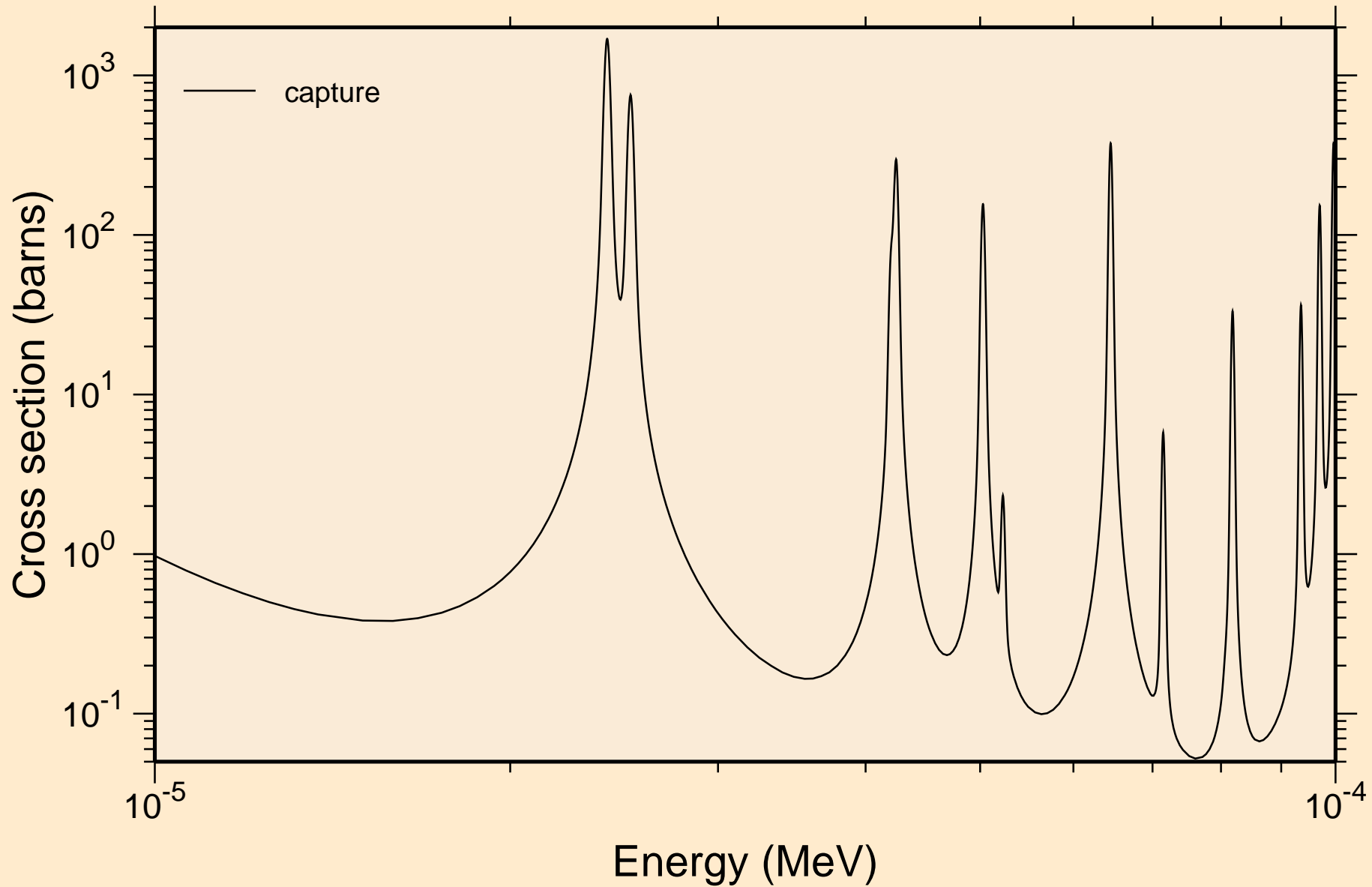
B̄A131 NRG TENDL-2015, AKONING  
resonance total cross section



BA131 NRG TENDL-2015, AKONING  
resonance absorption cross sections

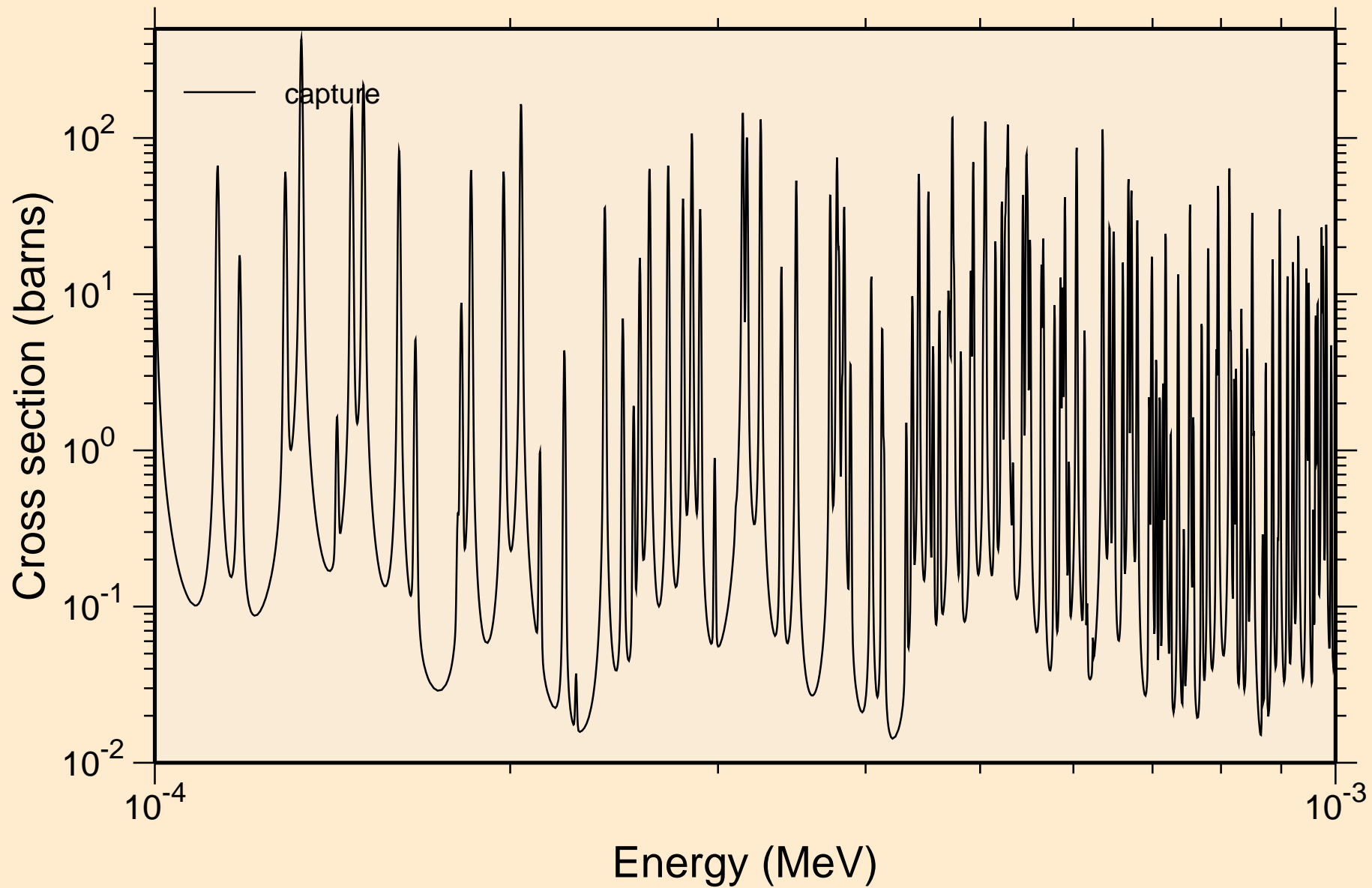


BA131 NRG TENDL-2015, AKONING  
resonance absorption cross sections

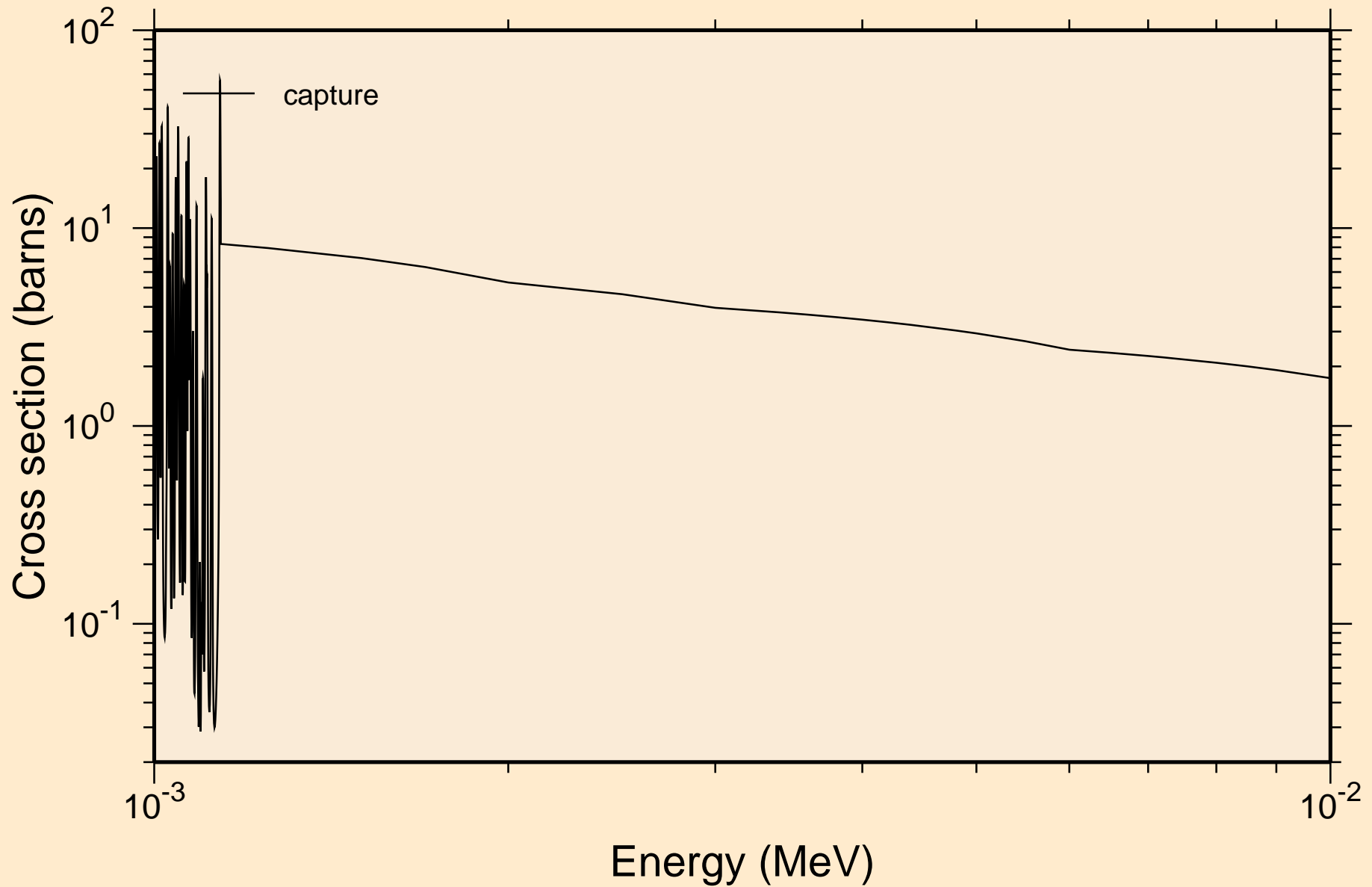




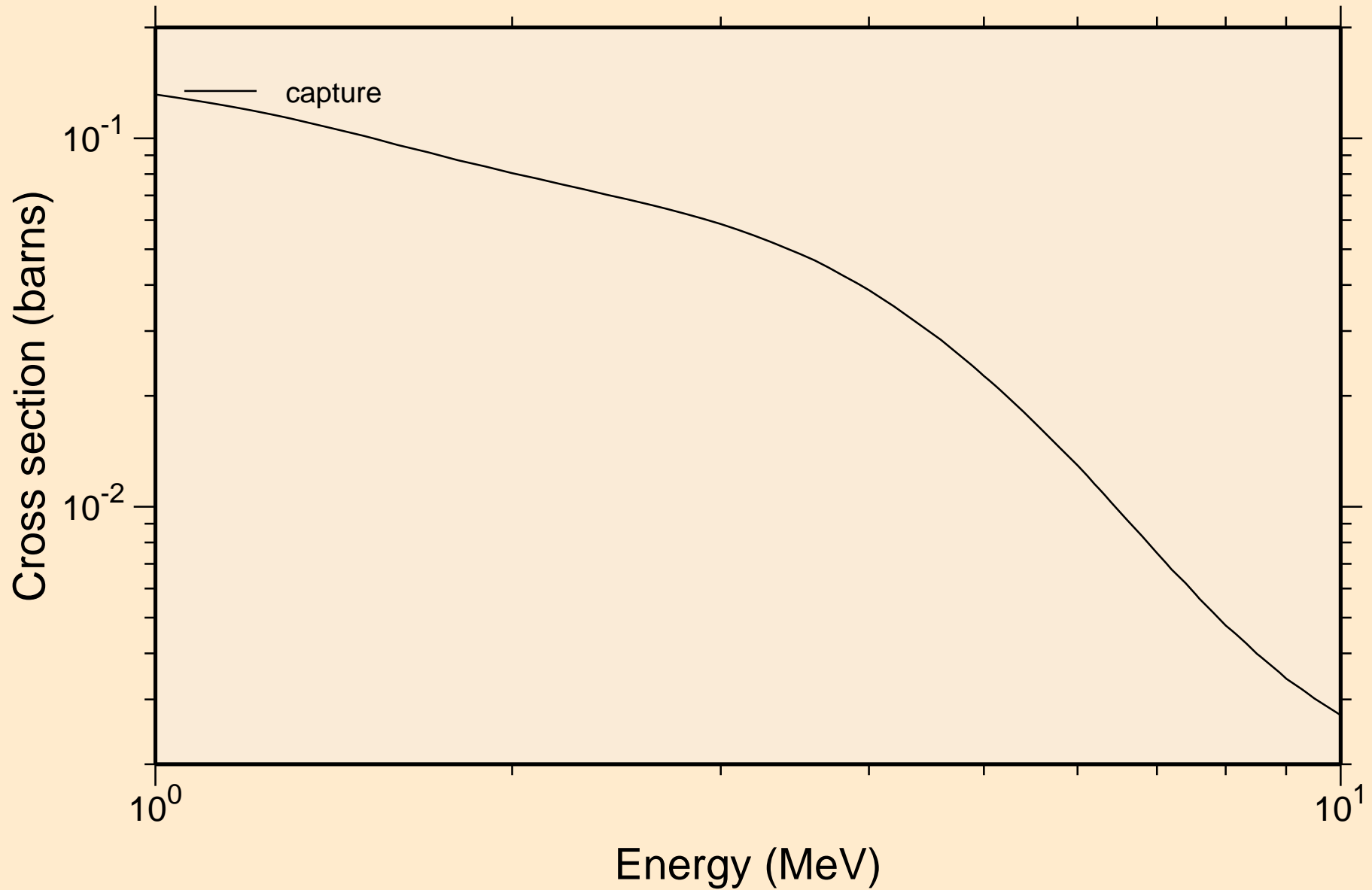
BA131 NRG TENDL-2015, AKONING  
resonance absorption cross sections



BA131 NRG TENDL-2015, AKONING  
resonance absorption cross sections

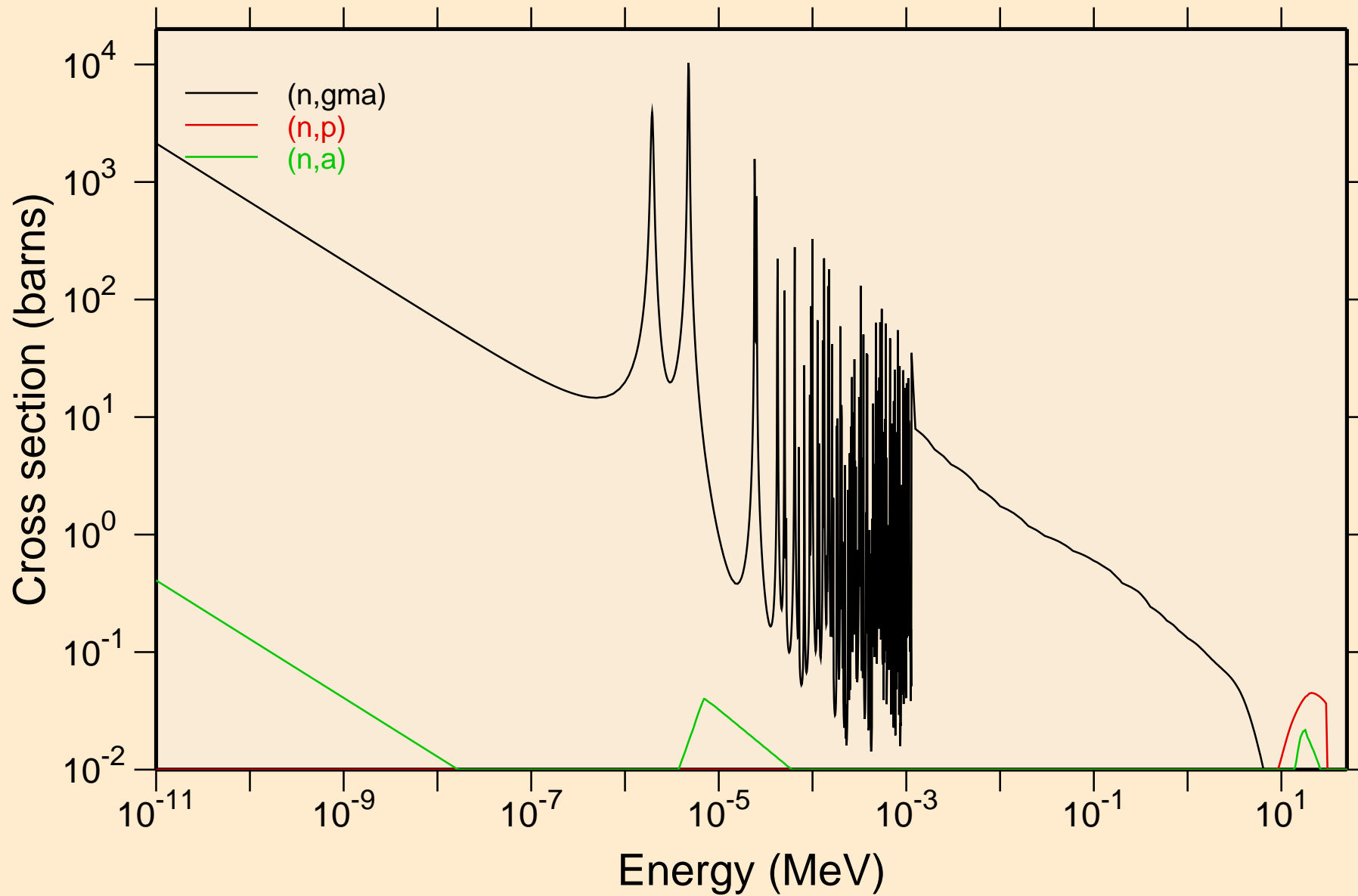


BA131 NRG TENDL-2015, AKONING  
resonance absorption cross sections



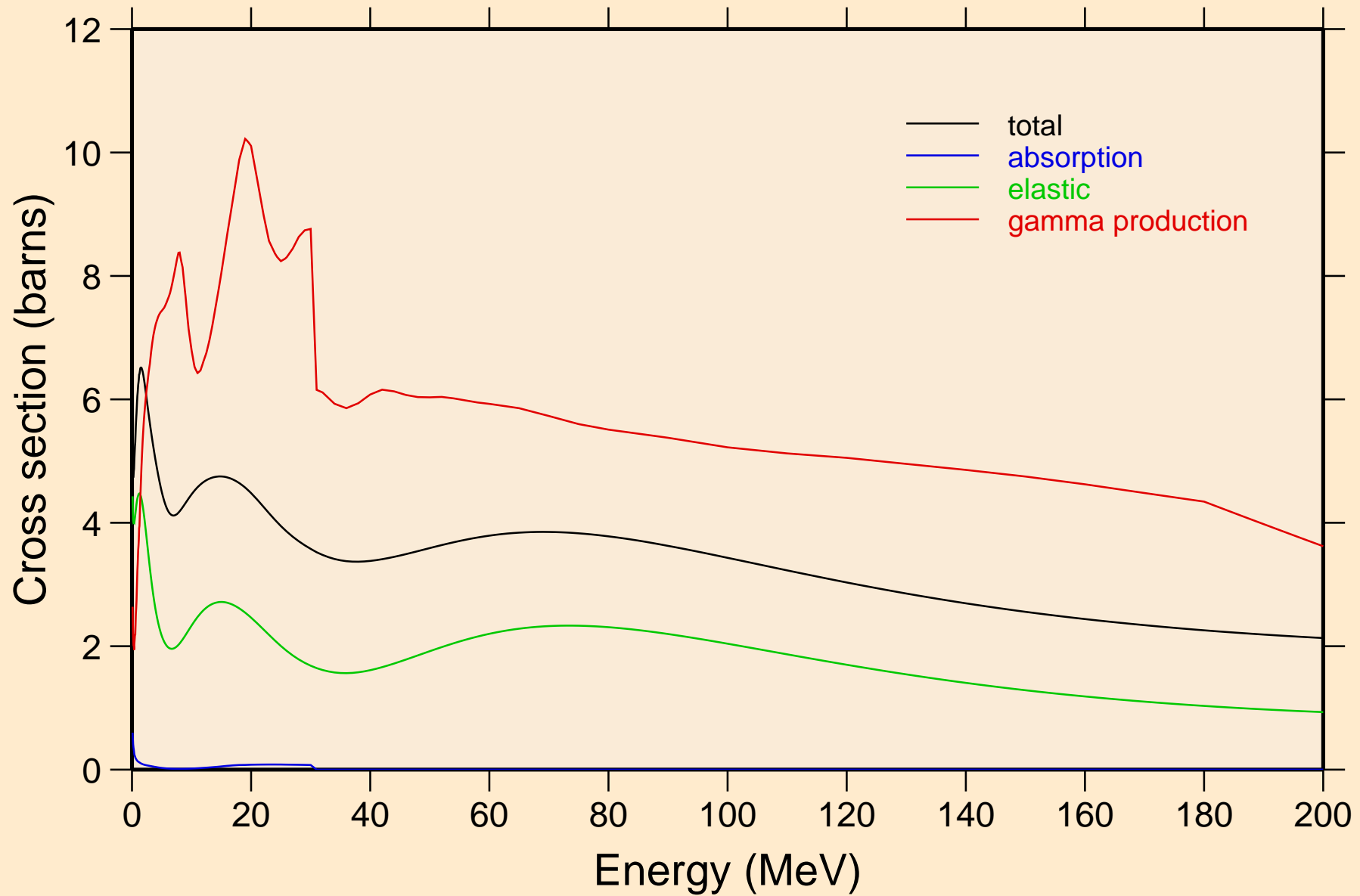
# BA131 NRG TENDL-2015, AKONING

## Non-threshold reactions



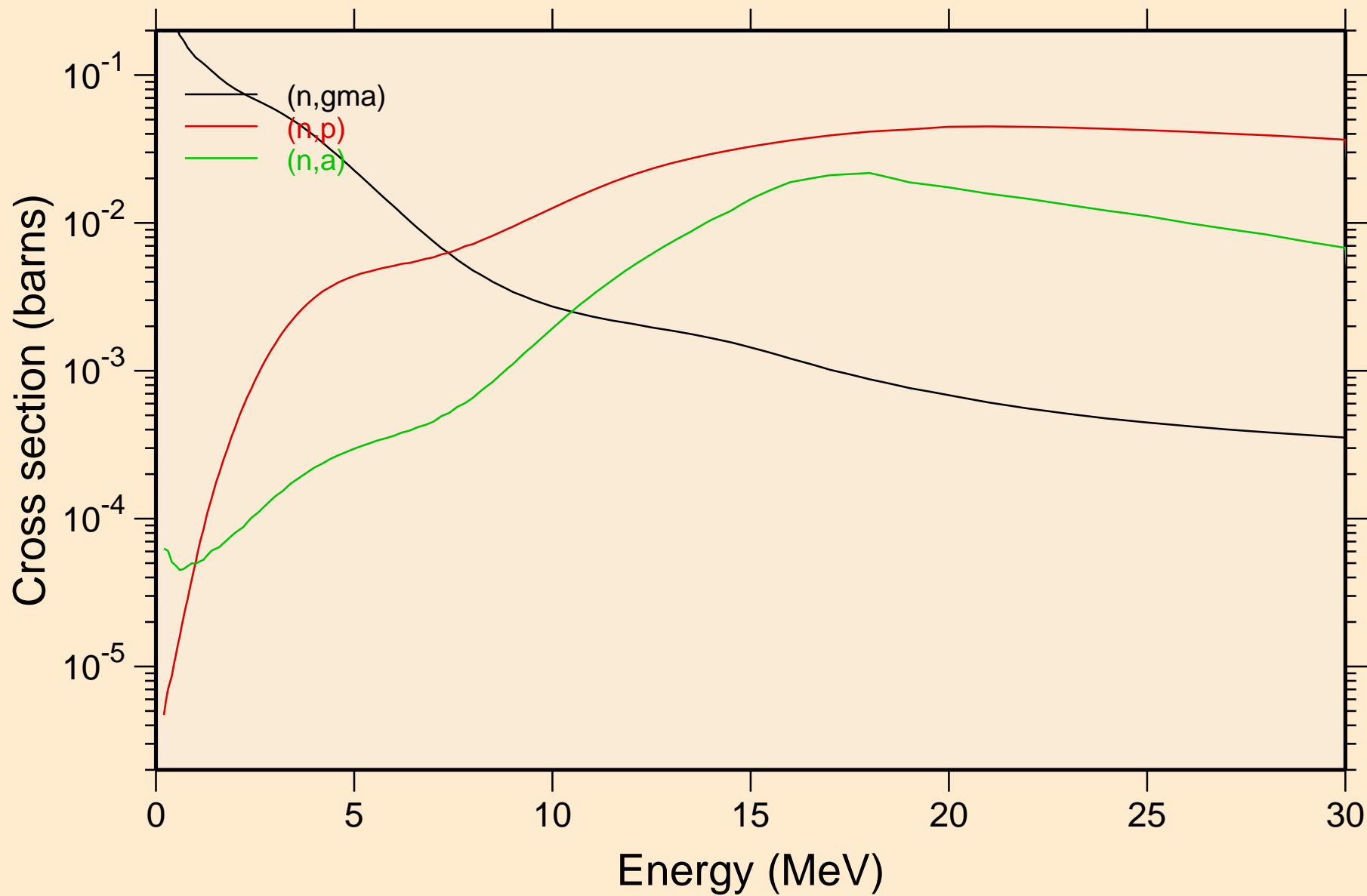
# BA131 NRG TENDL-2015, AKONING

## Principal cross sections



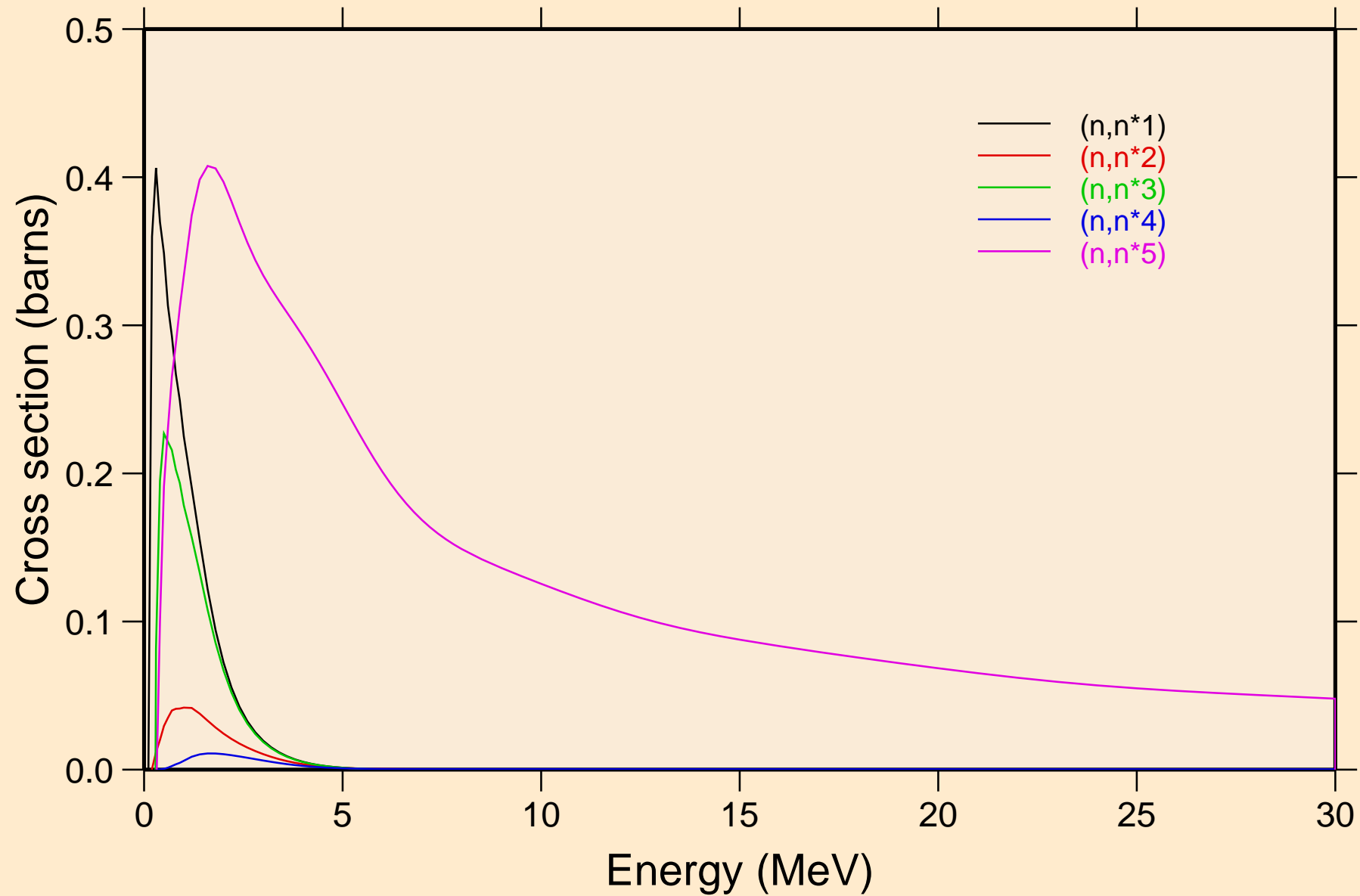
# BA131 NRG TENDL-2015, AKONING

## Non-threshold reactions



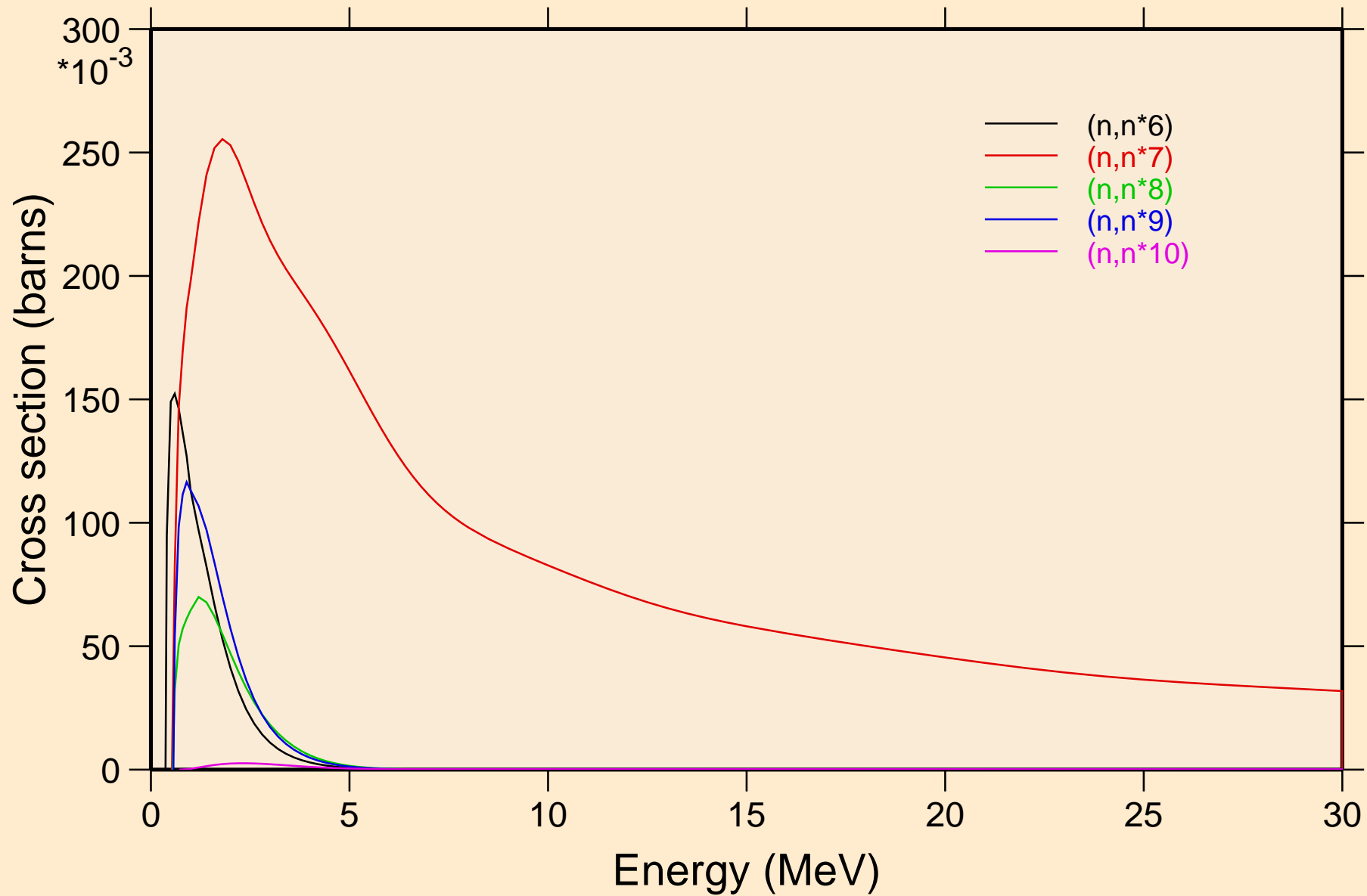
# BA131 NRG TENDL-2015, AKONING

## Inelastic levels



# BA131 NRG TENDL-2015, AKONING

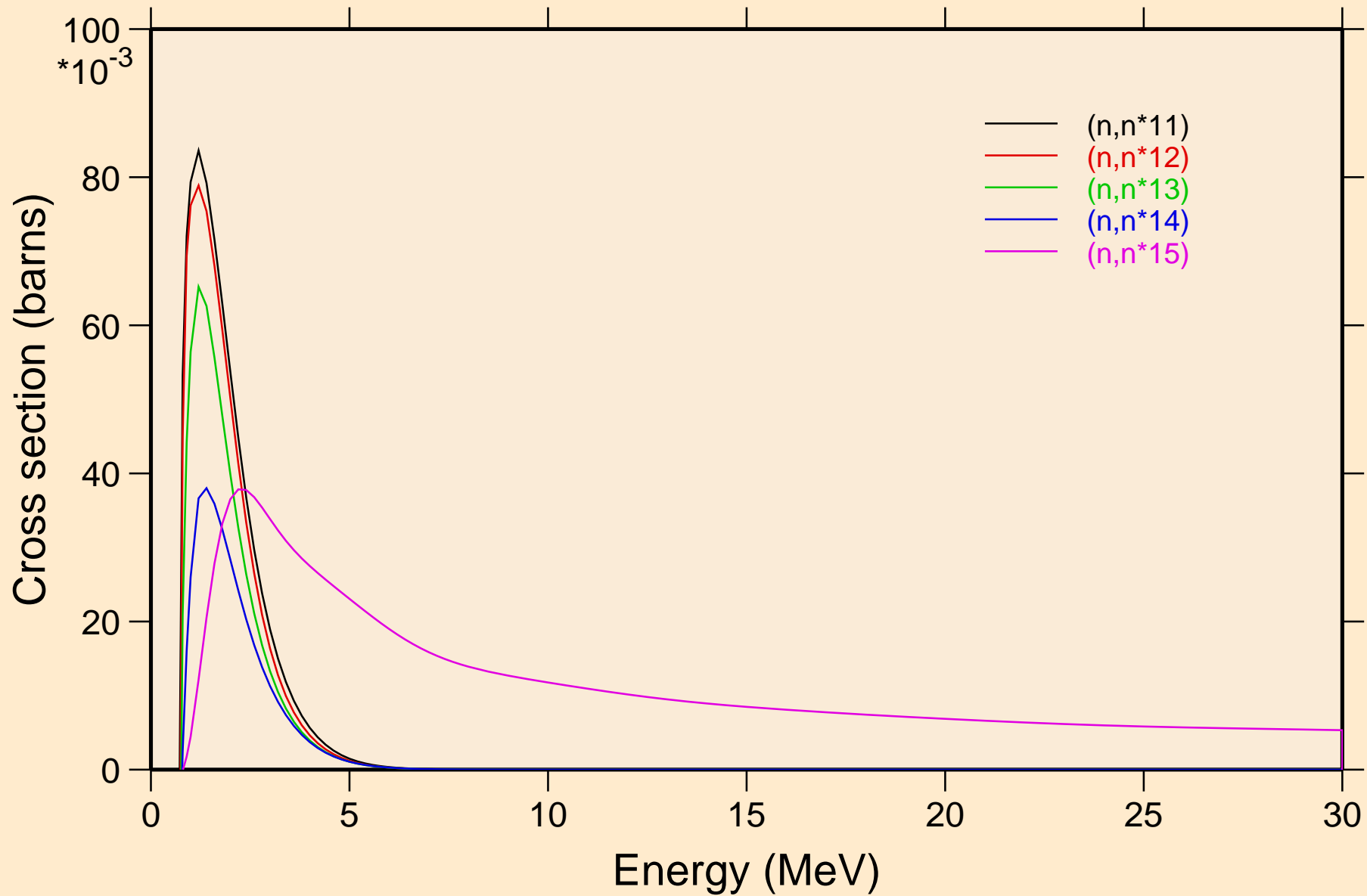
## Inelastic levels





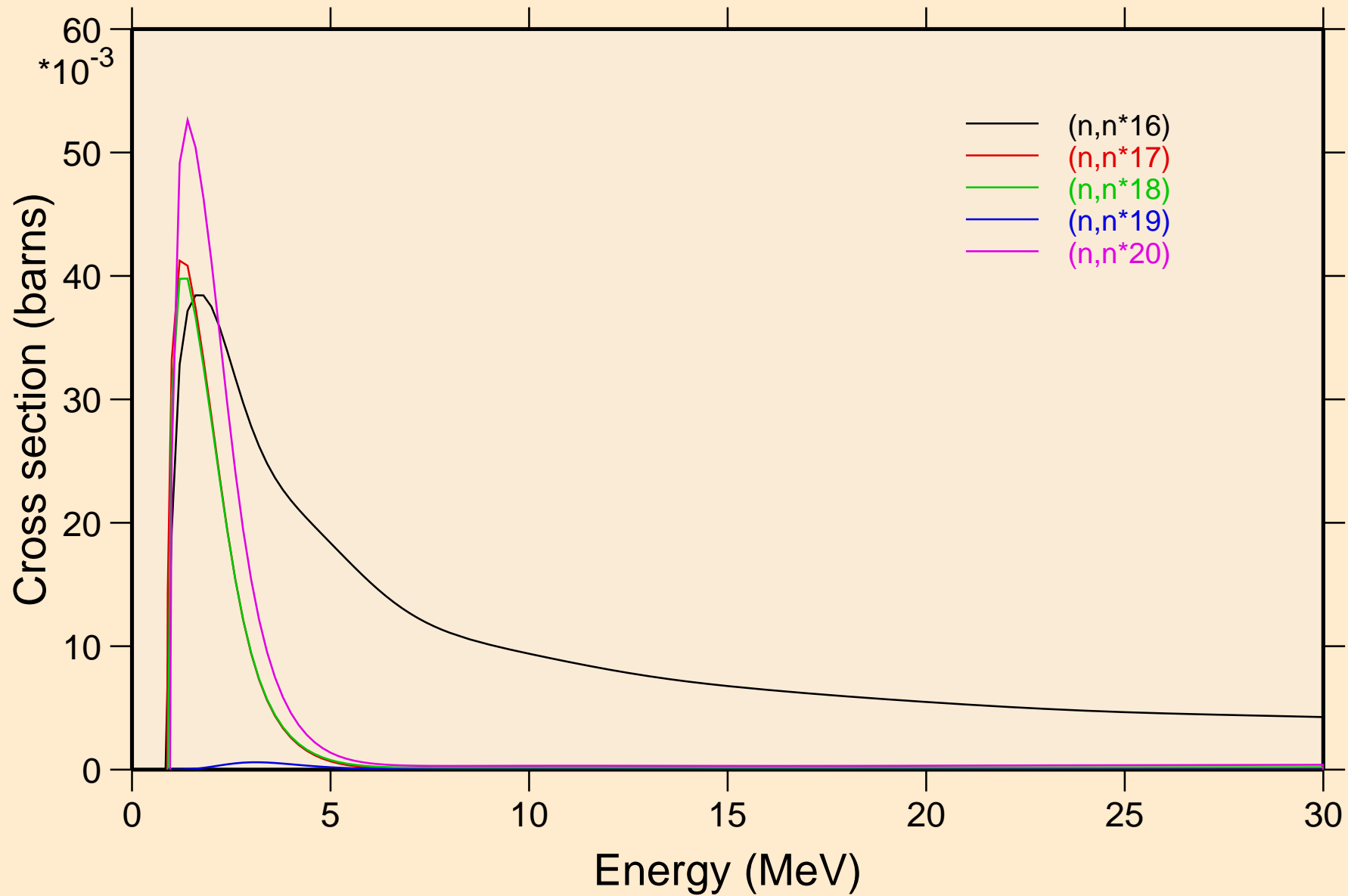
# BA131 NRG TENDL-2015, AKONING

## Inelastic levels



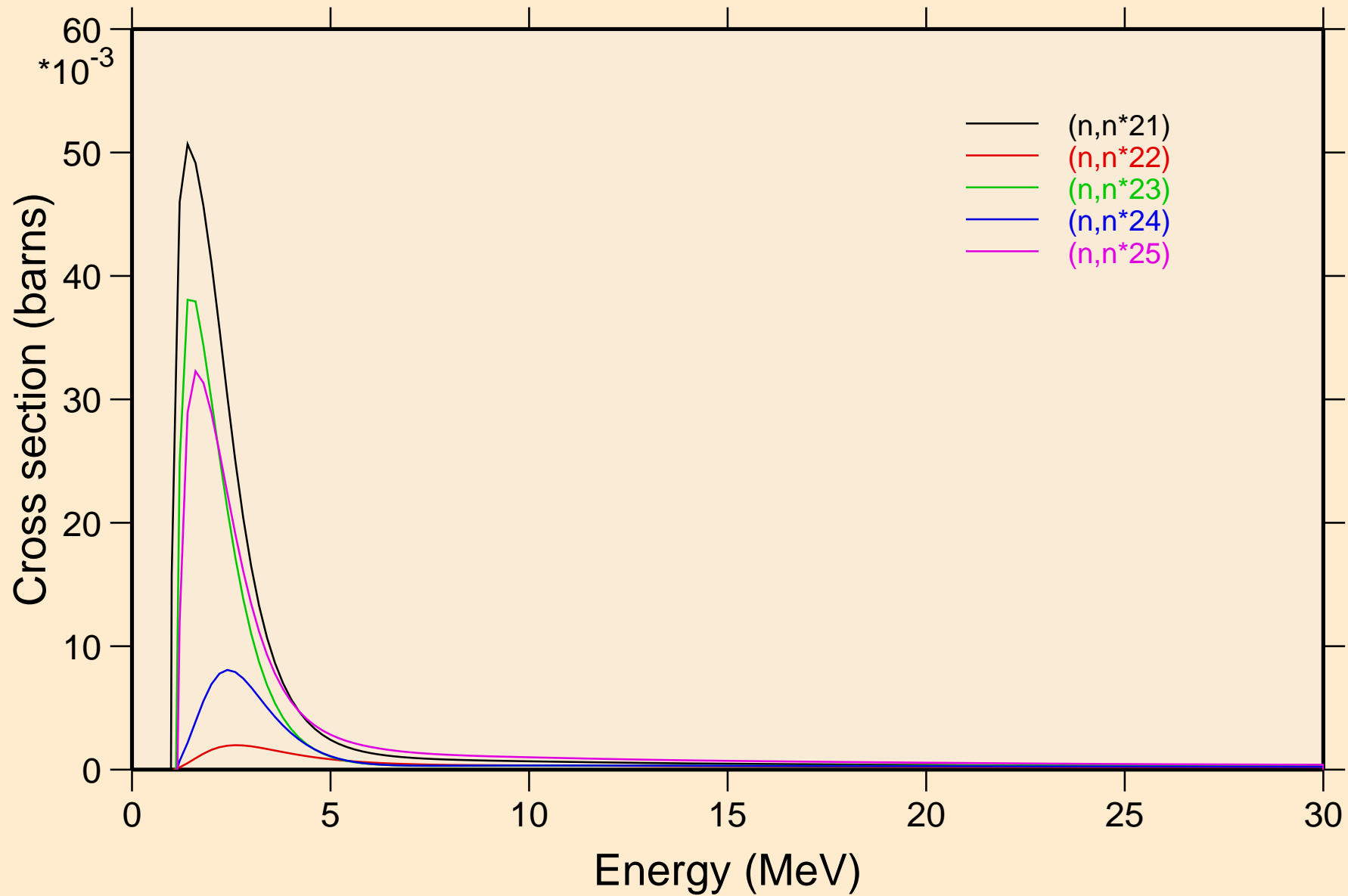
# BA131 NRG TENDL-2015, AKONING

## Inelastic levels



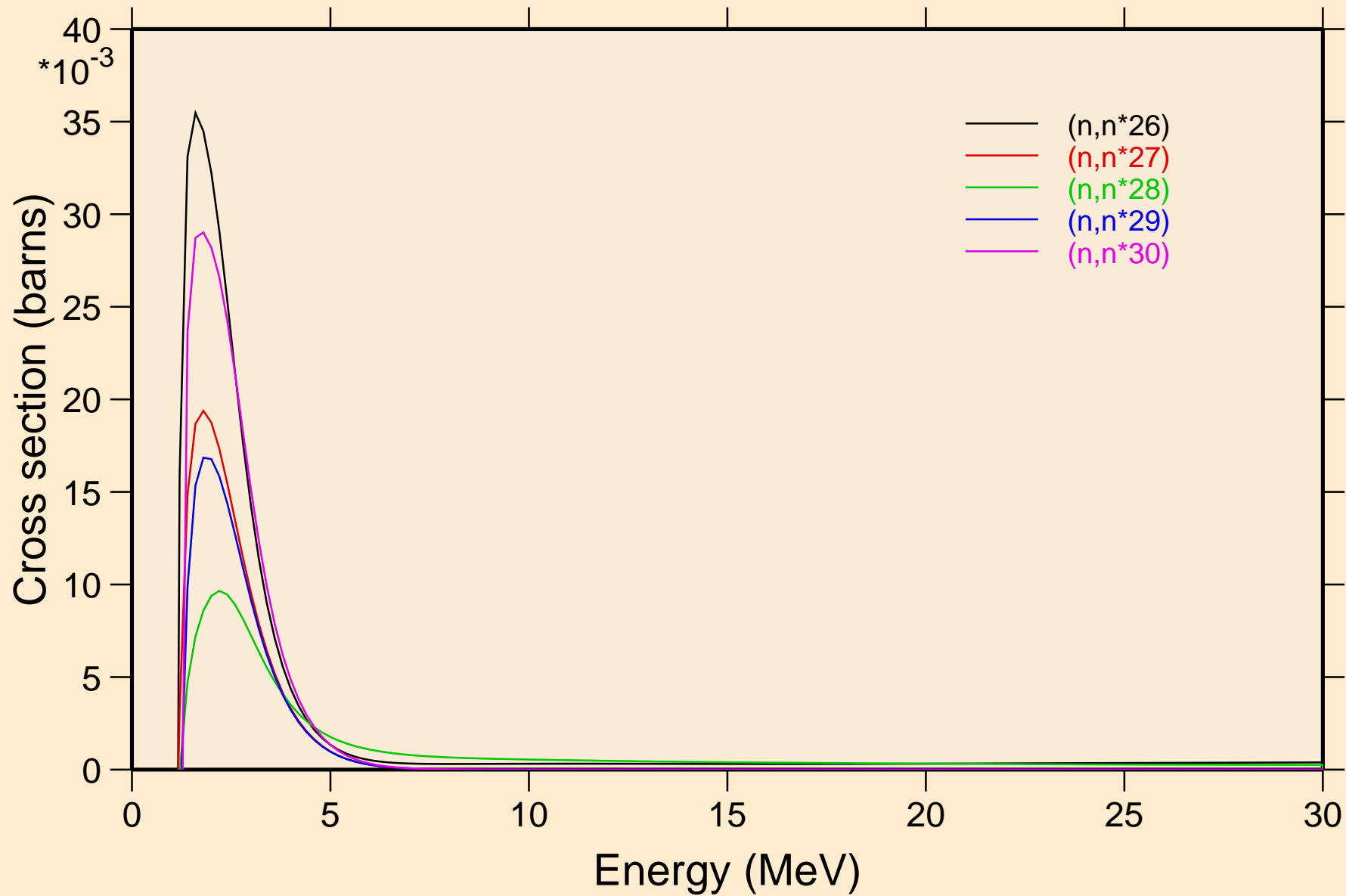
# BA131 NRG TENDL-2015, AKONING

## Inelastic levels



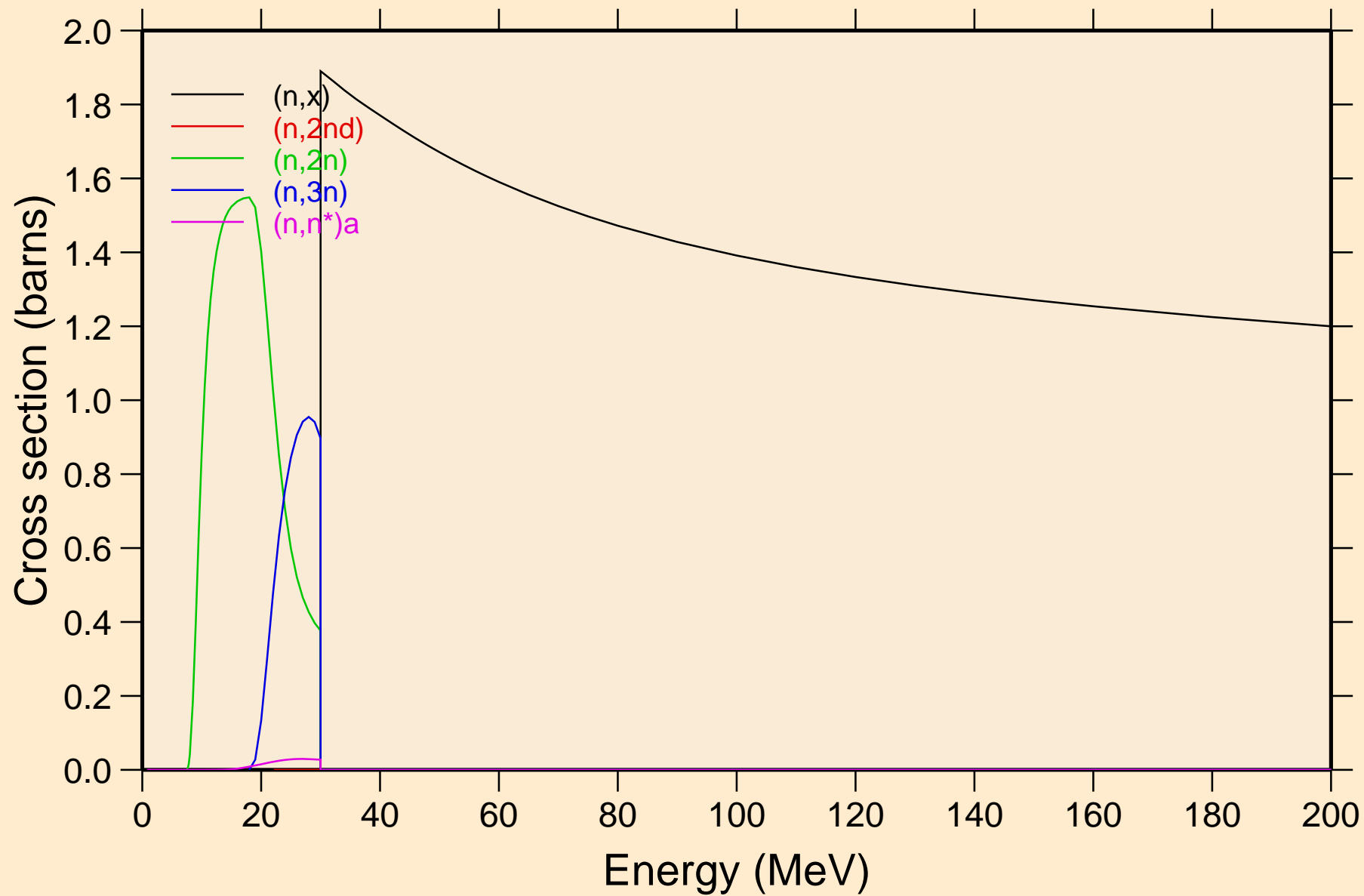
# BA131 NRG TENDL-2015, AKONING

## Inelastic levels



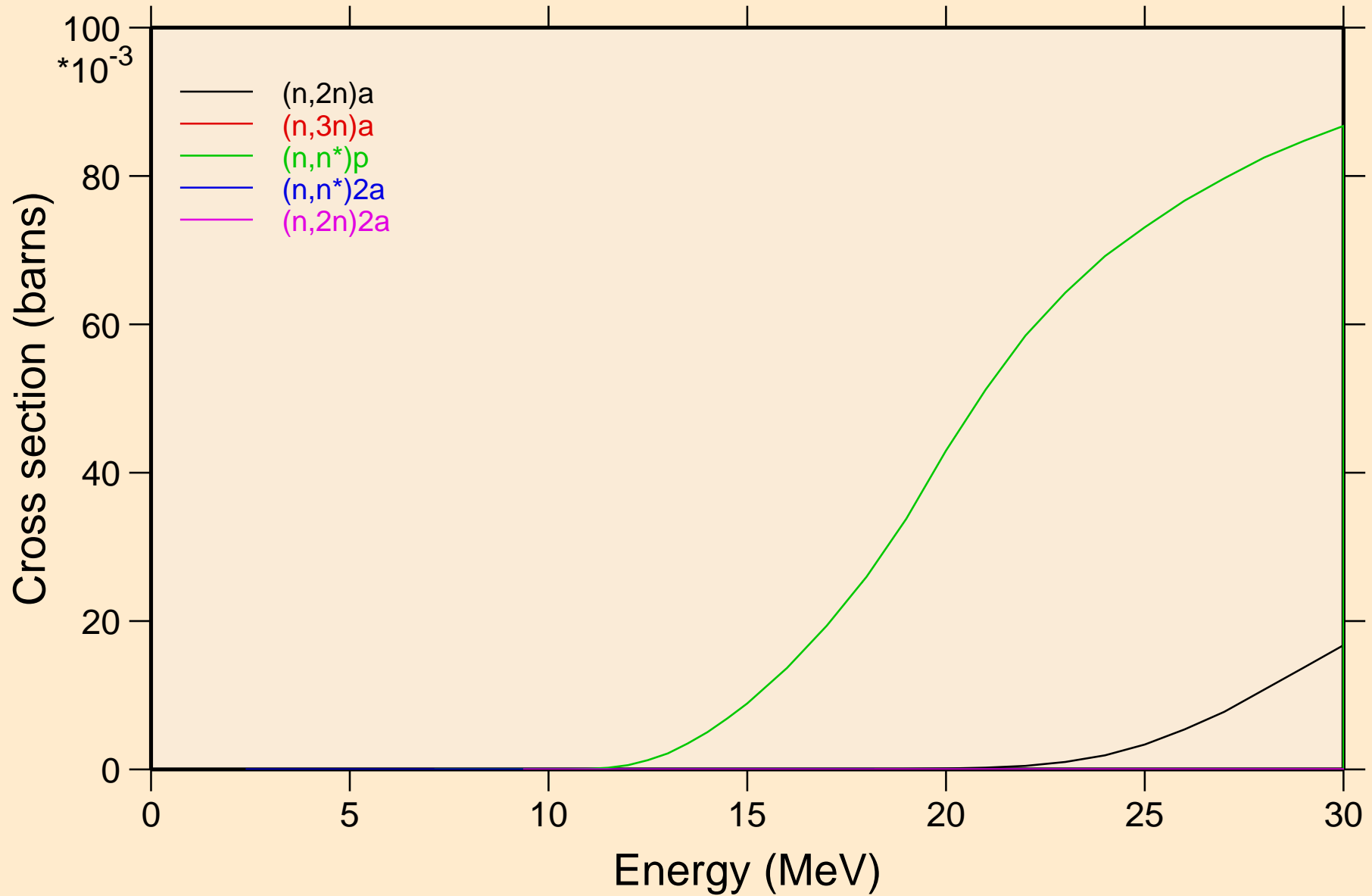
# BA131 NRG TENDL-2015, AKONING

## Threshold reactions



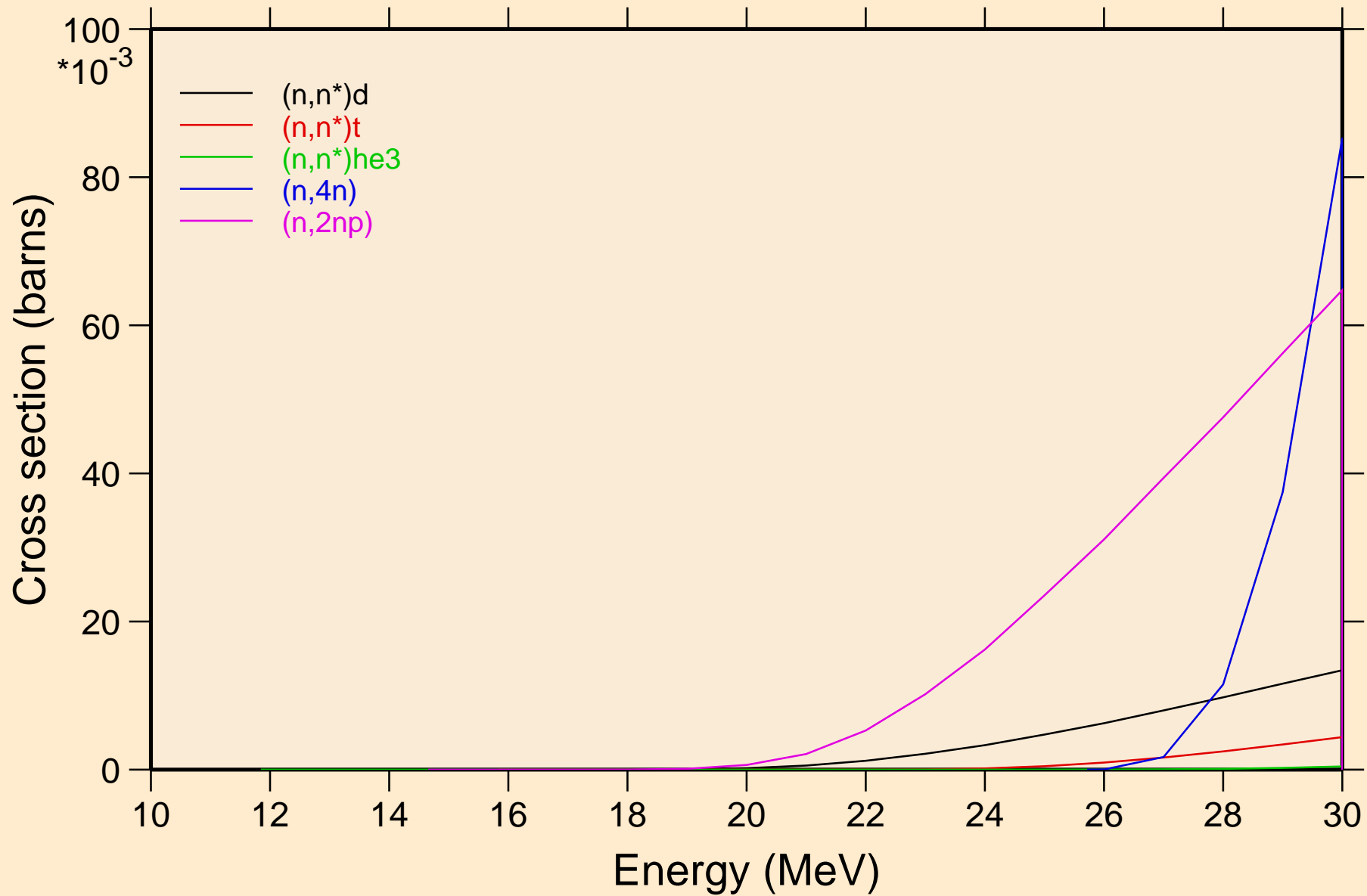
# BA131 NRG TENDL-2015, AKONING

## Threshold reactions



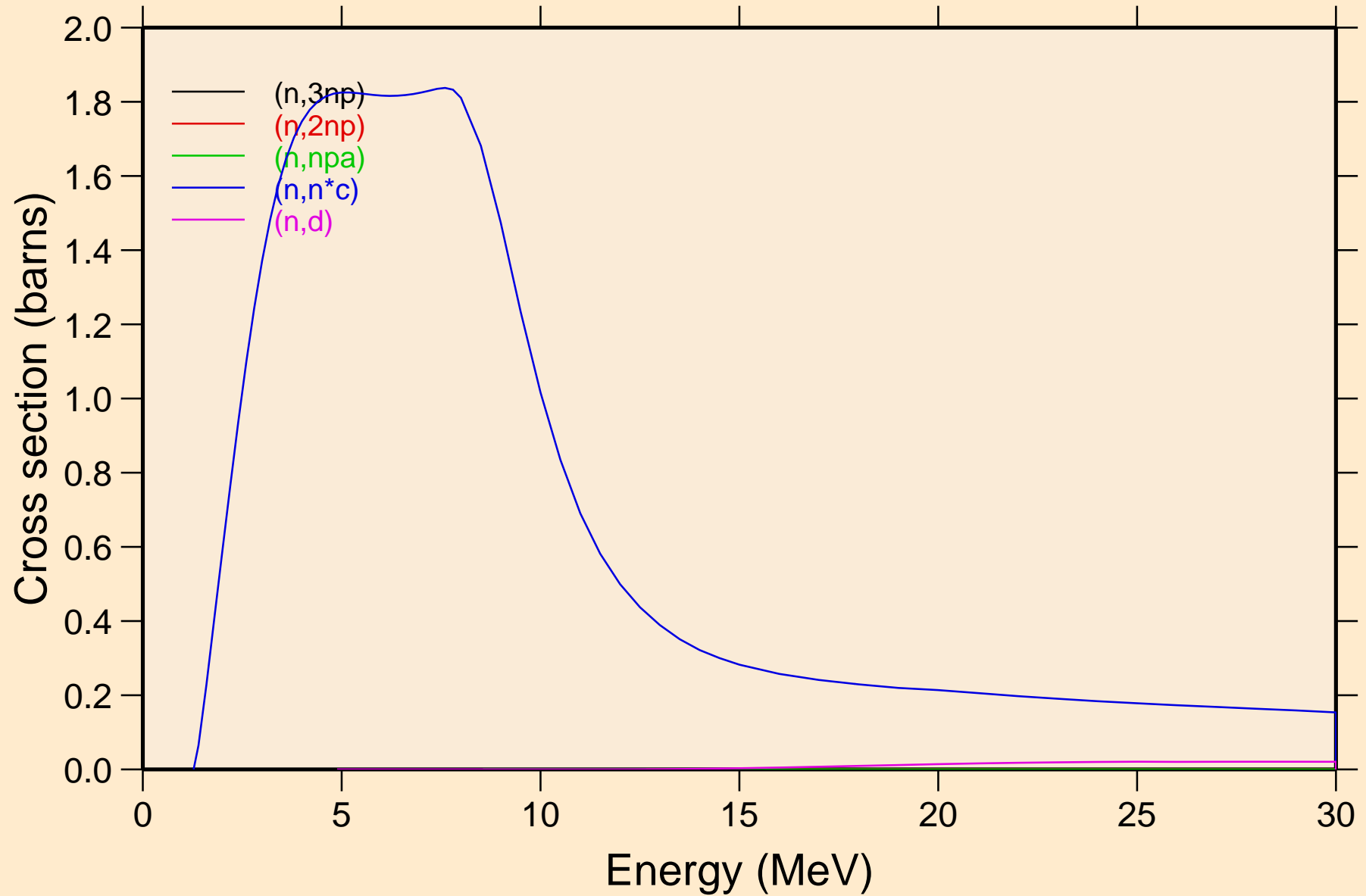
# BA131 NRG TENDL-2015, AKONING

## Threshold reactions



# BA131 NRG TENDL-2015, AKONING

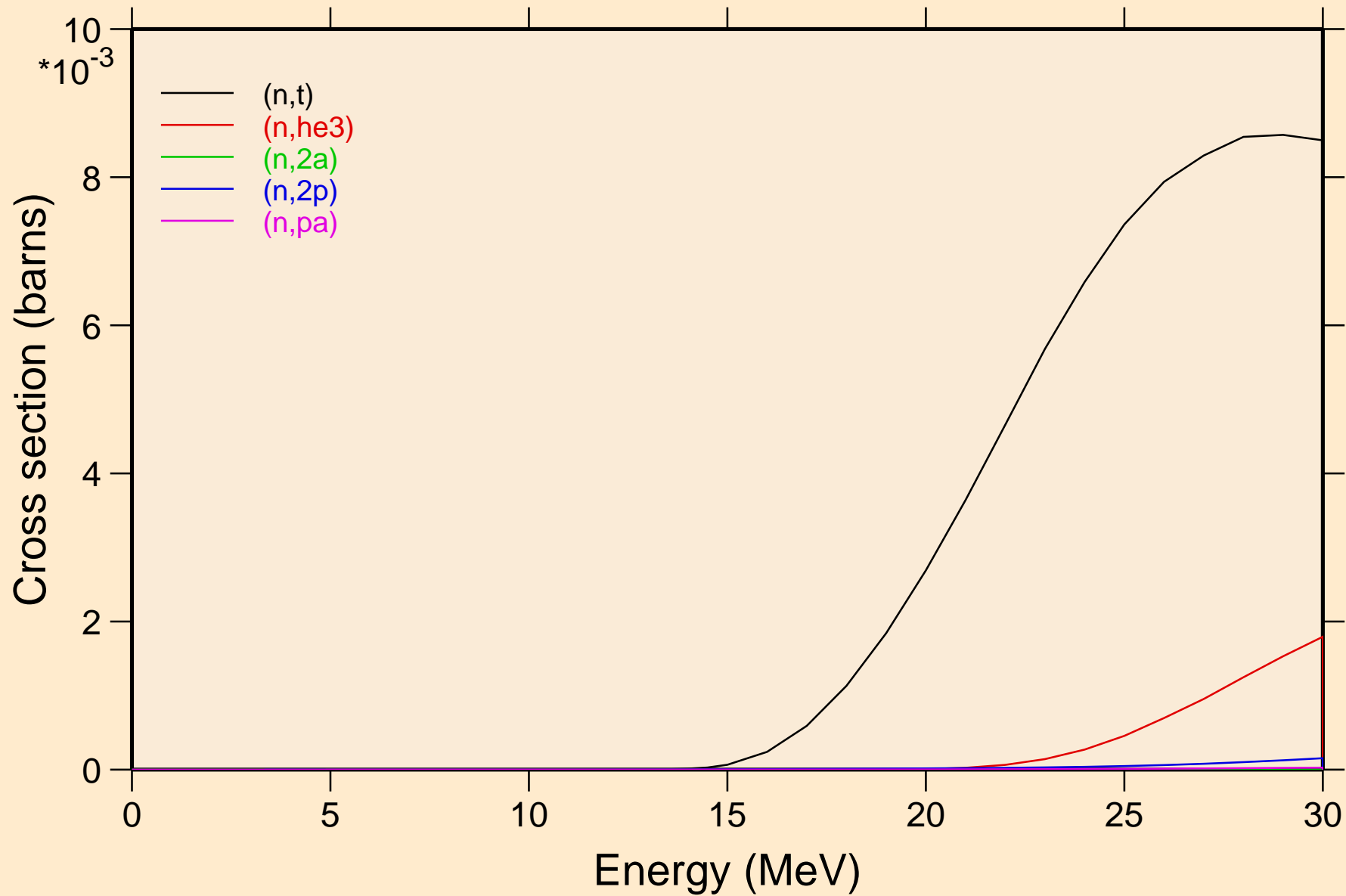
## Threshold reactions





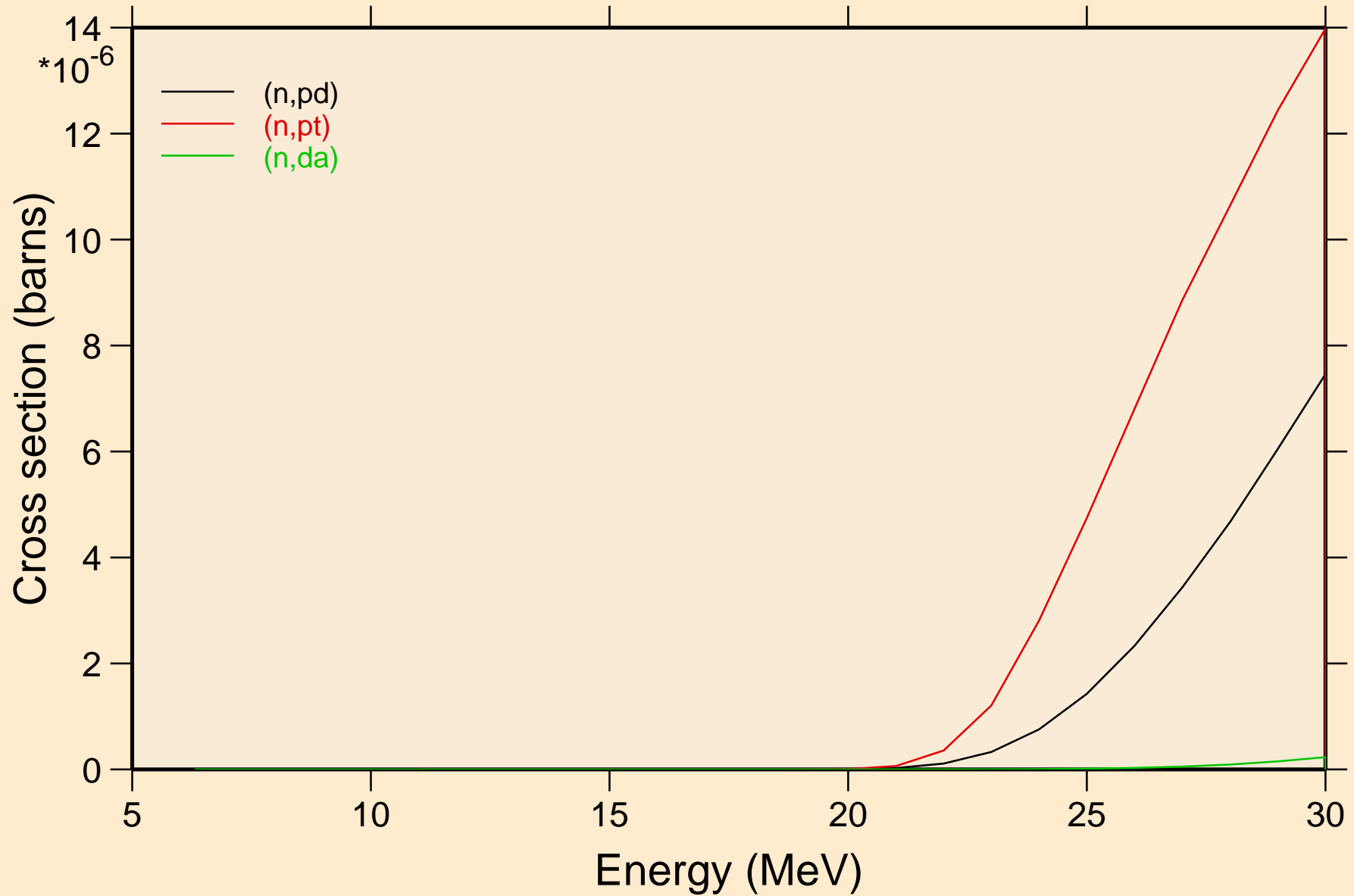
# BA131 NRG TENDL-2015, AKONING

## Threshold reactions

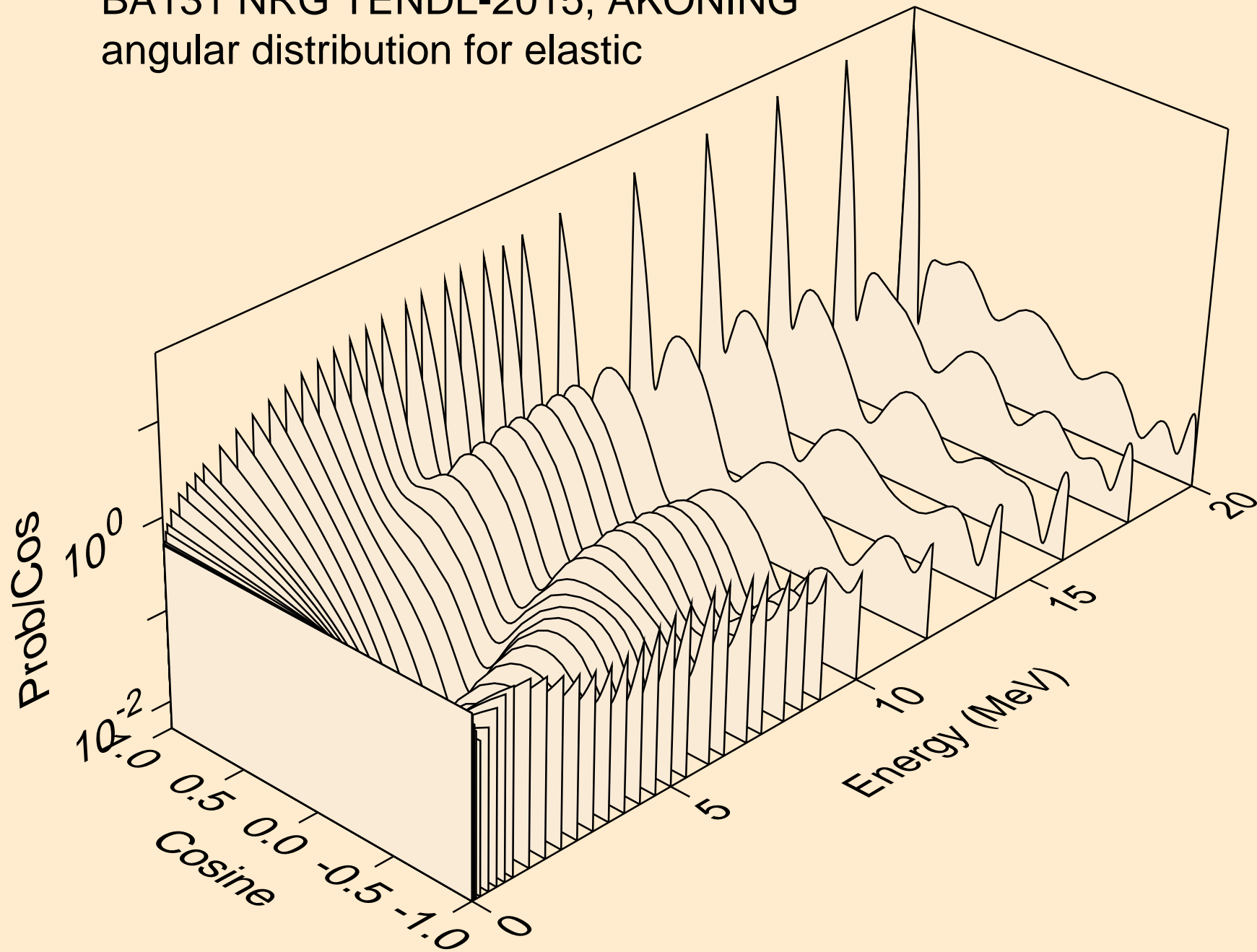


# BA131 NRG TENDL-2015, AKONING

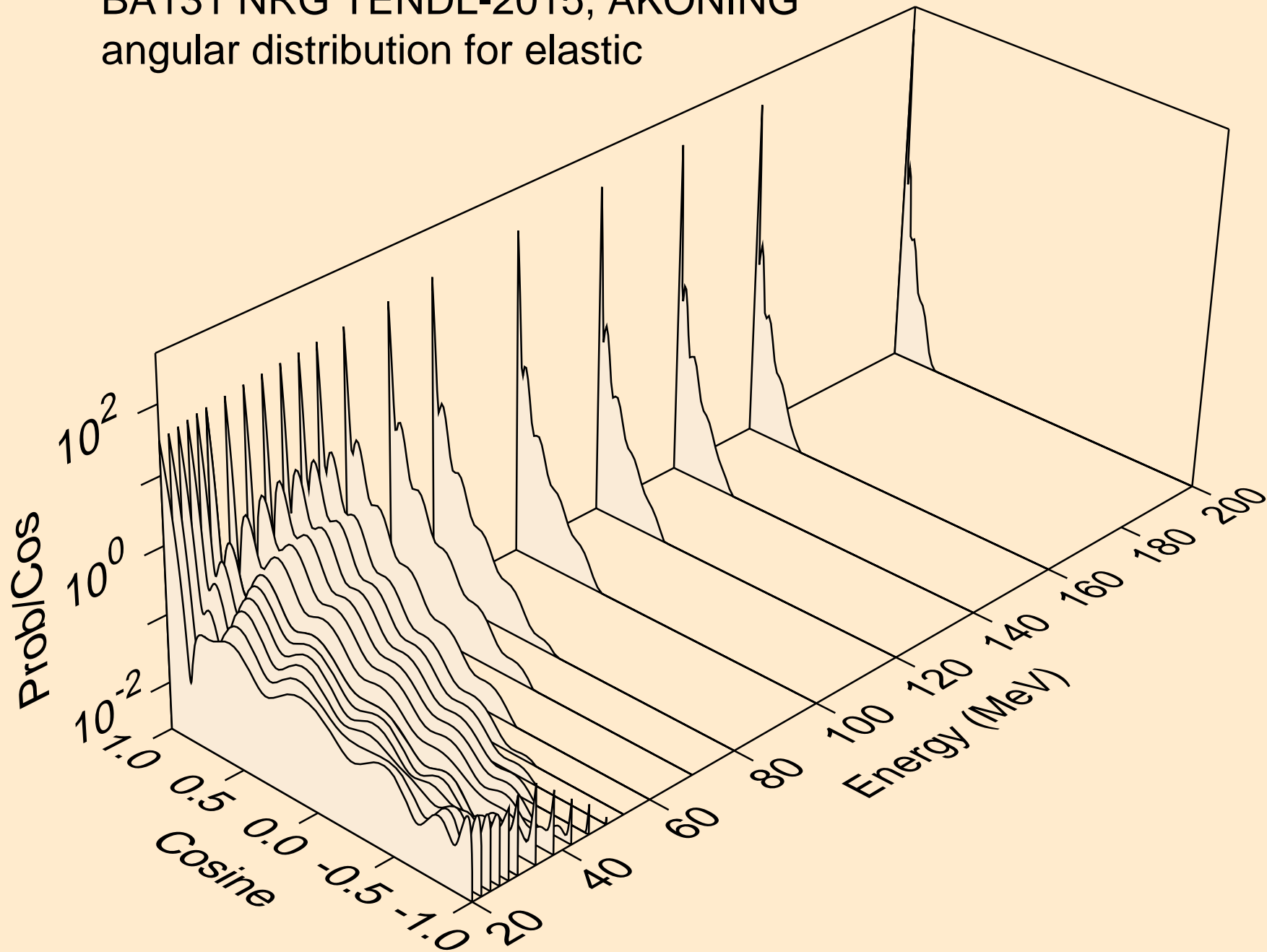
## Threshold reactions



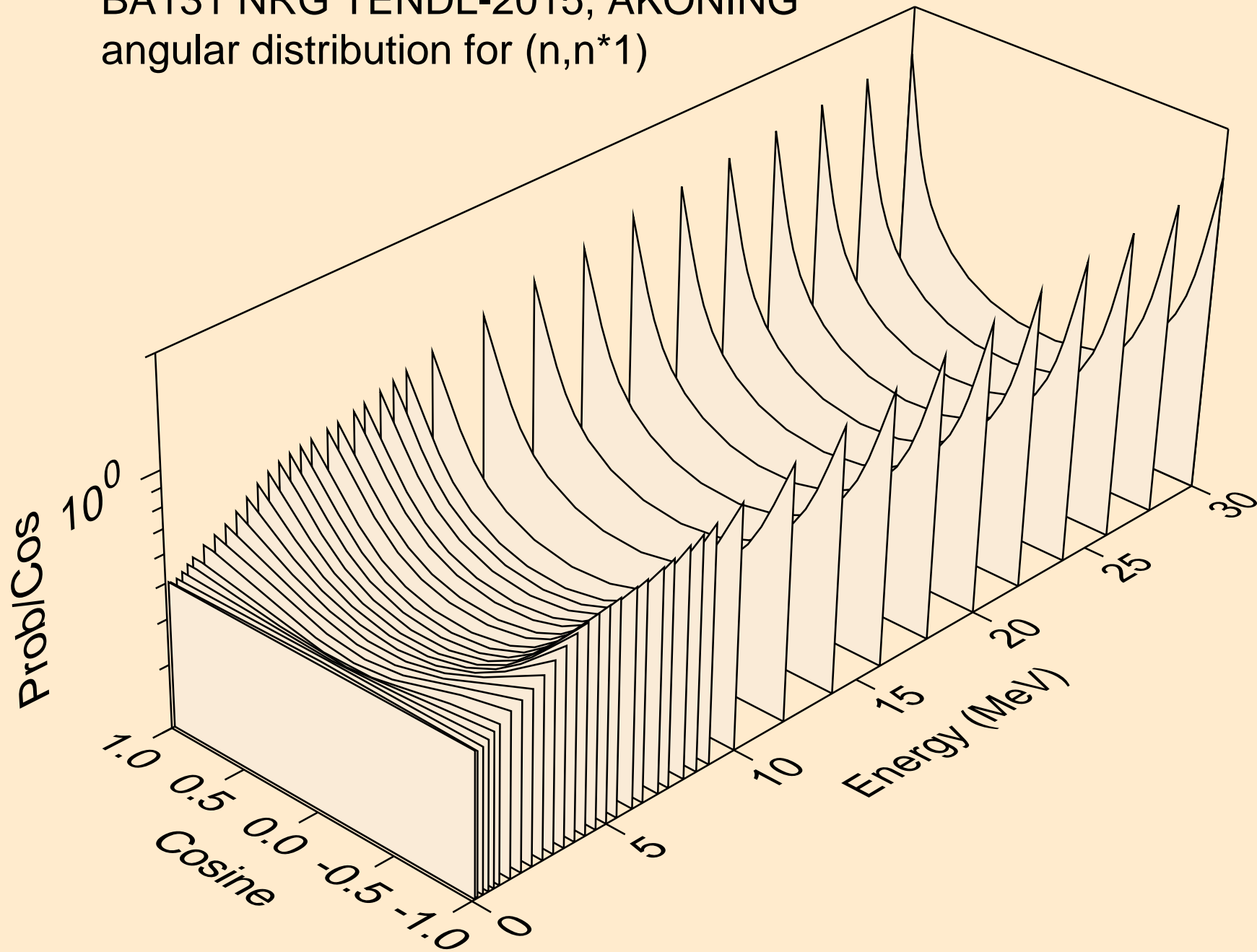
BA131 NRG TENDL-2015, AKONING  
angular distribution for elastic



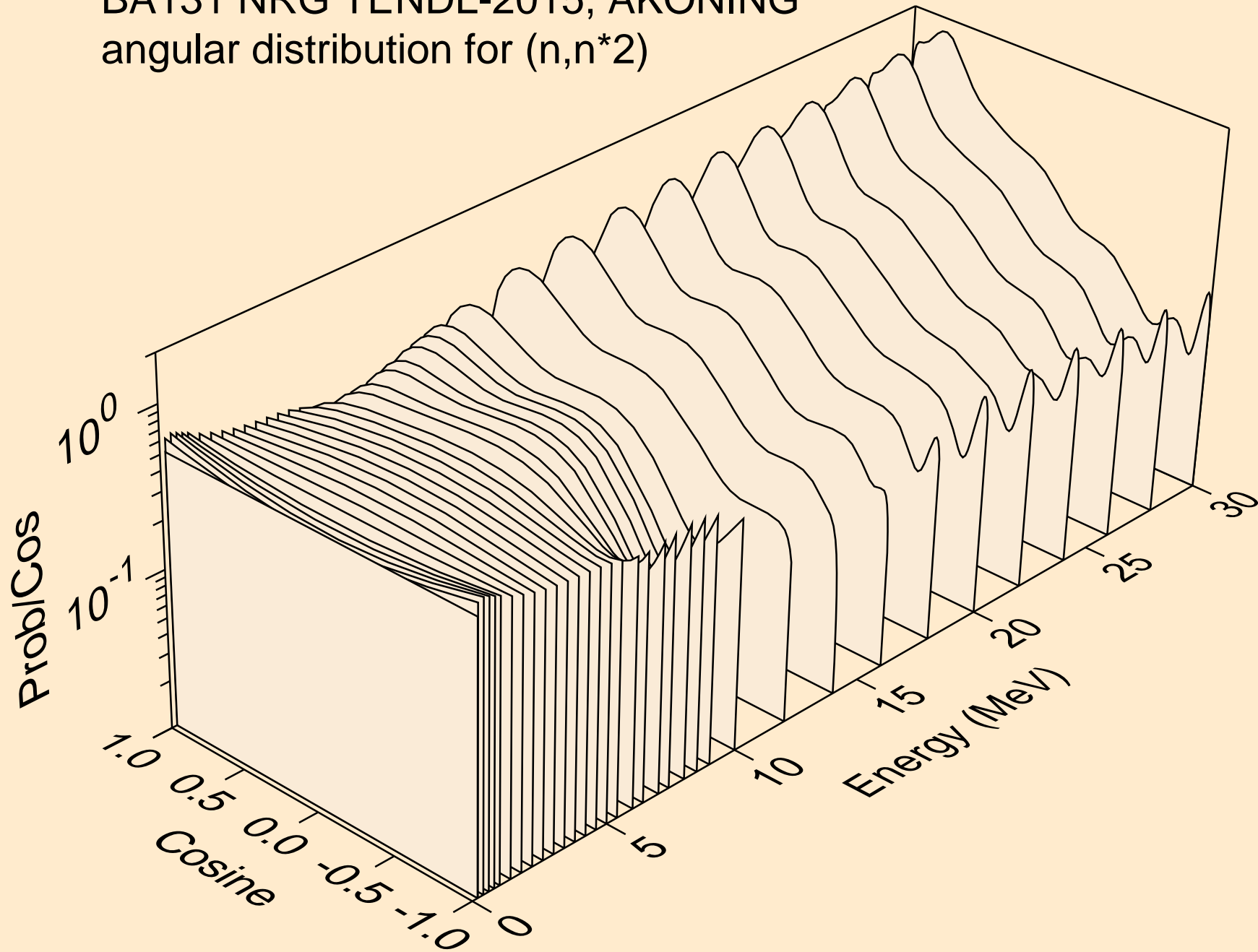
BA131 NRG TENDL-2015, AKONING  
angular distribution for elastic



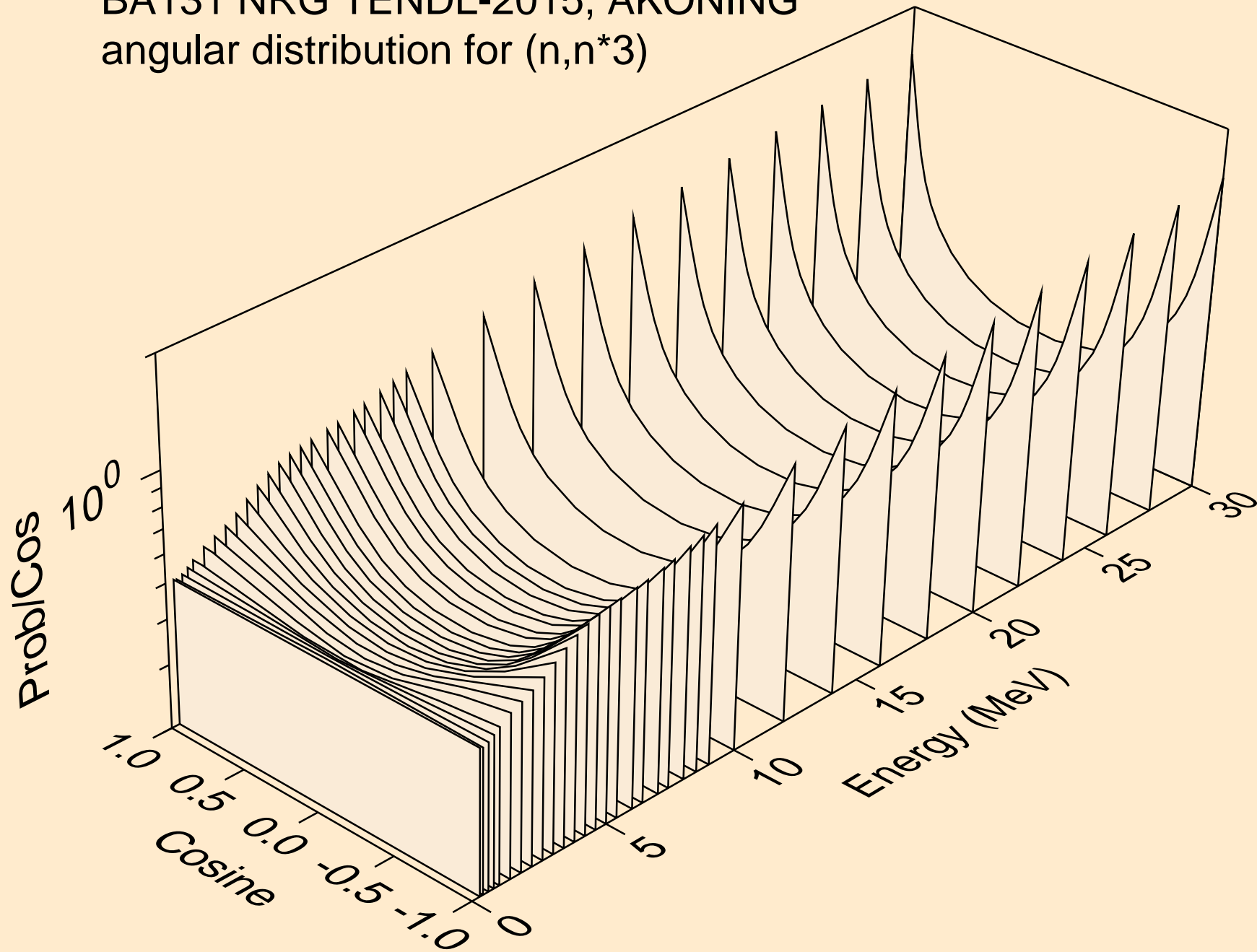
BA131 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



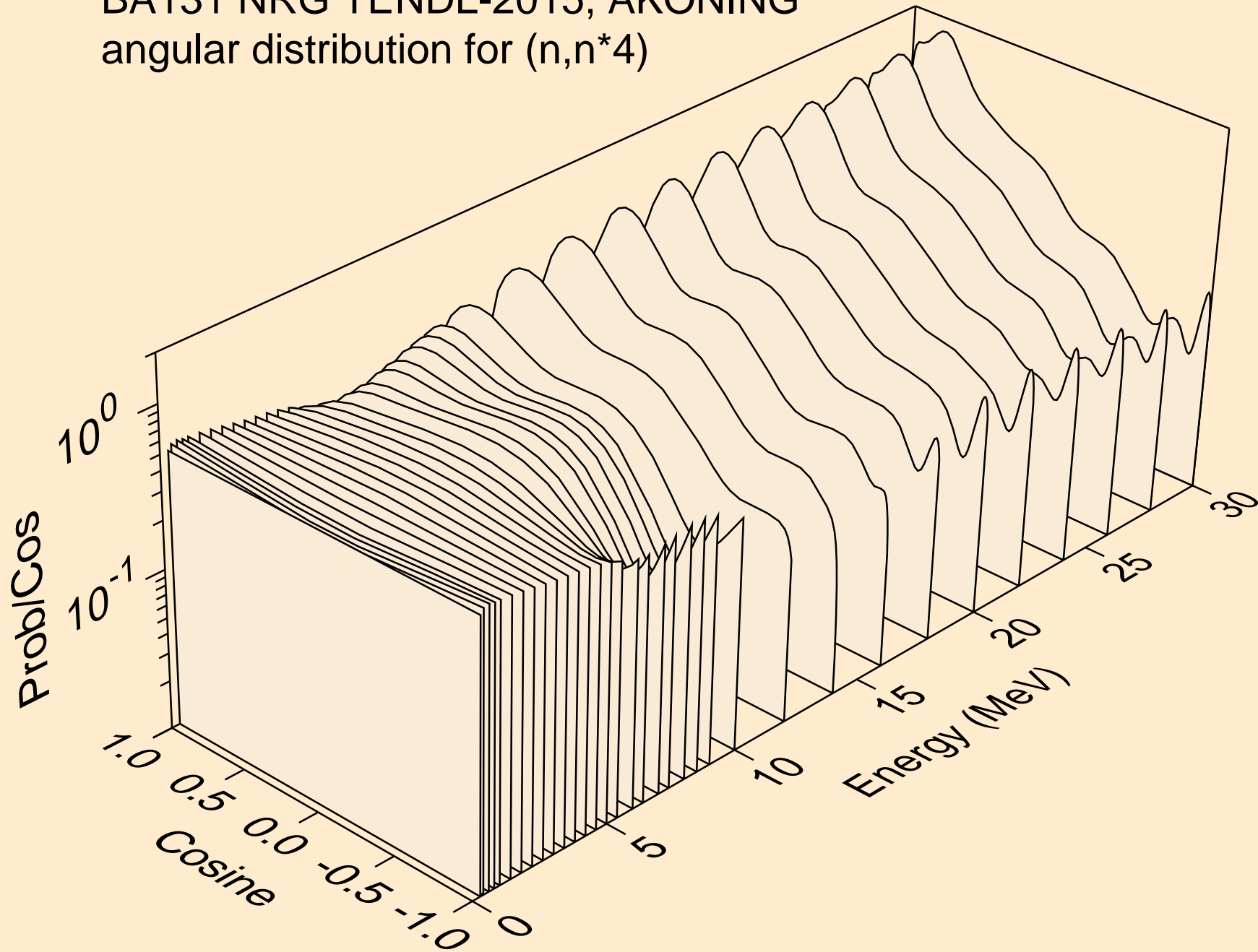
BA131 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



BA131 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)

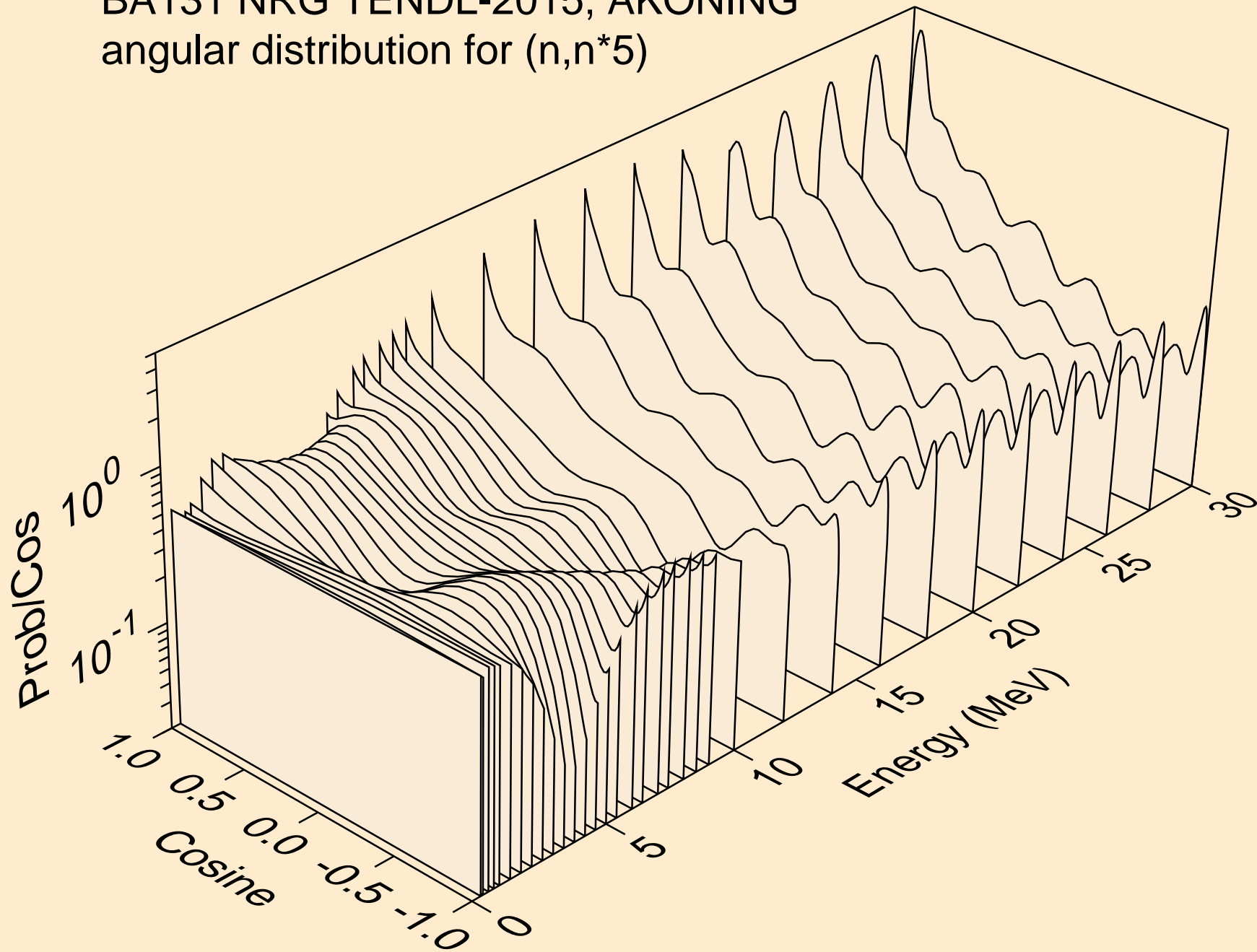


BA131 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)

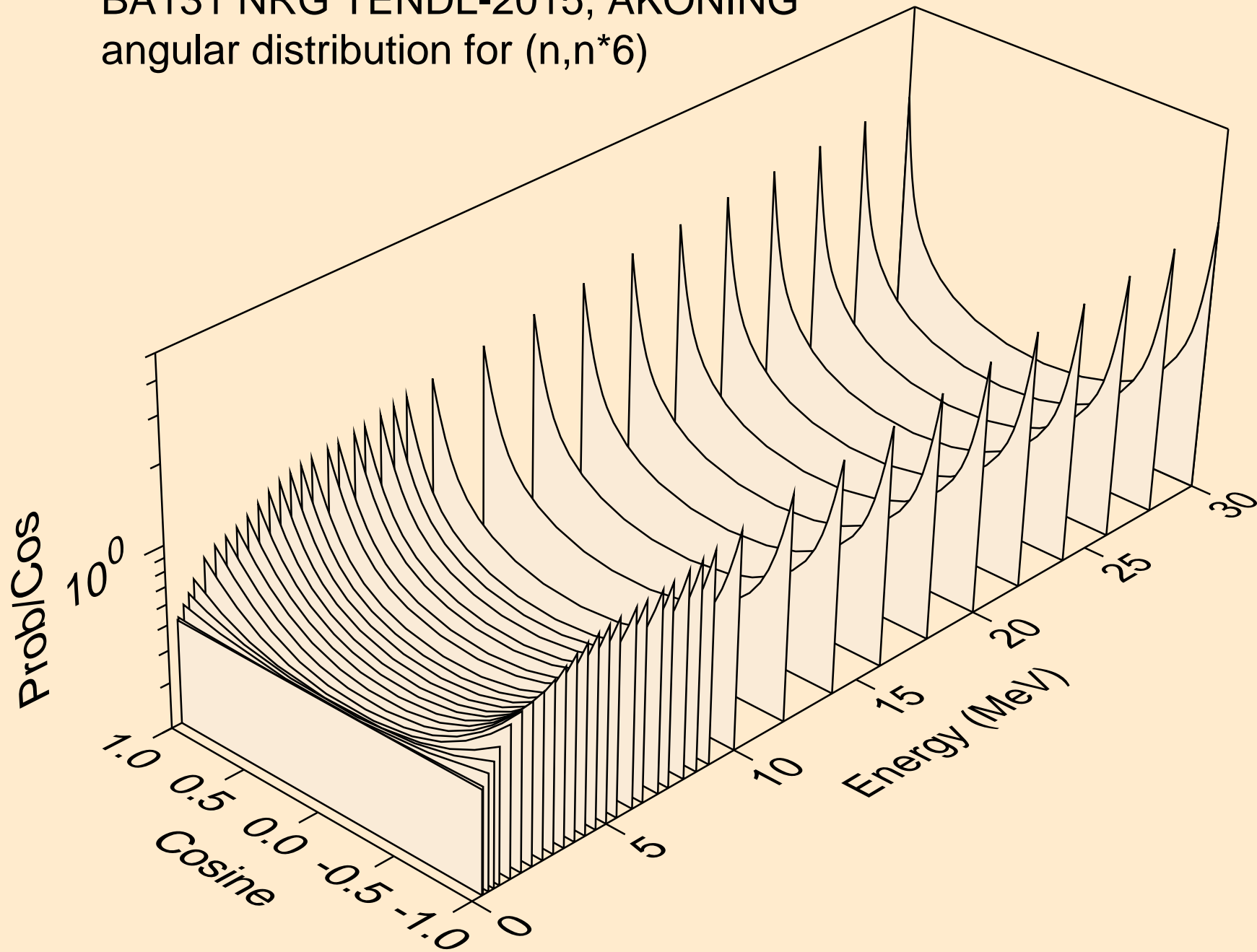




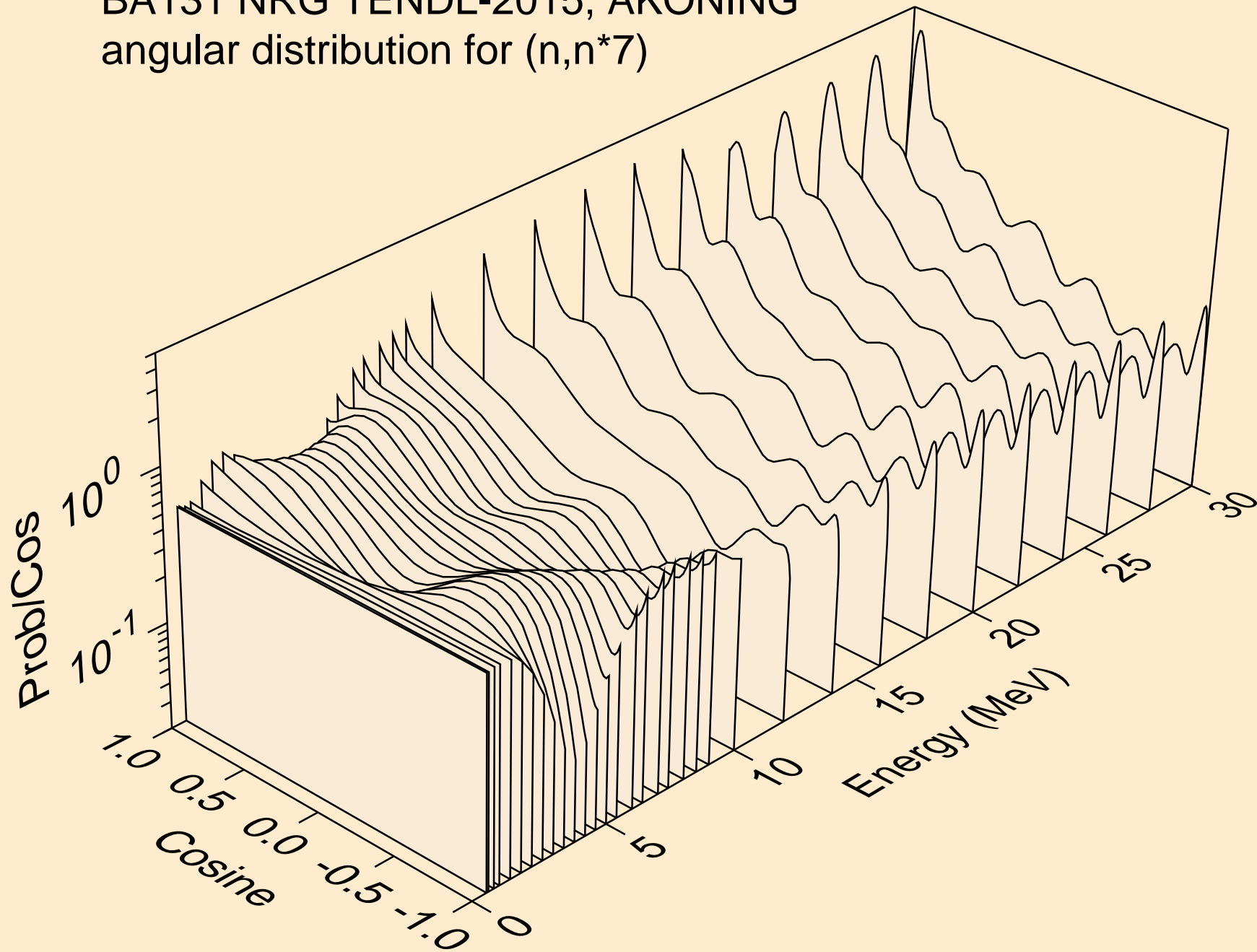
BA131 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



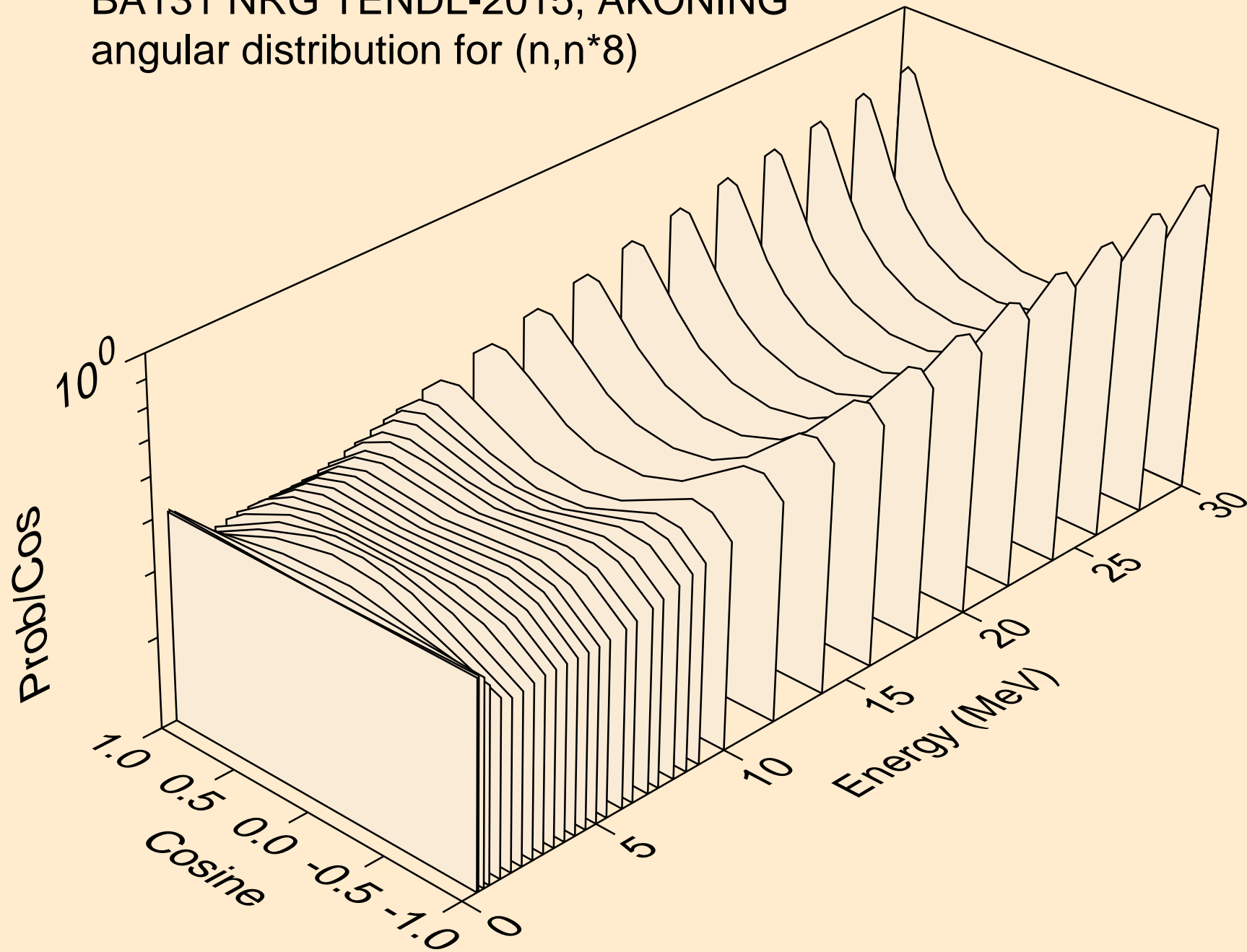
BA131 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



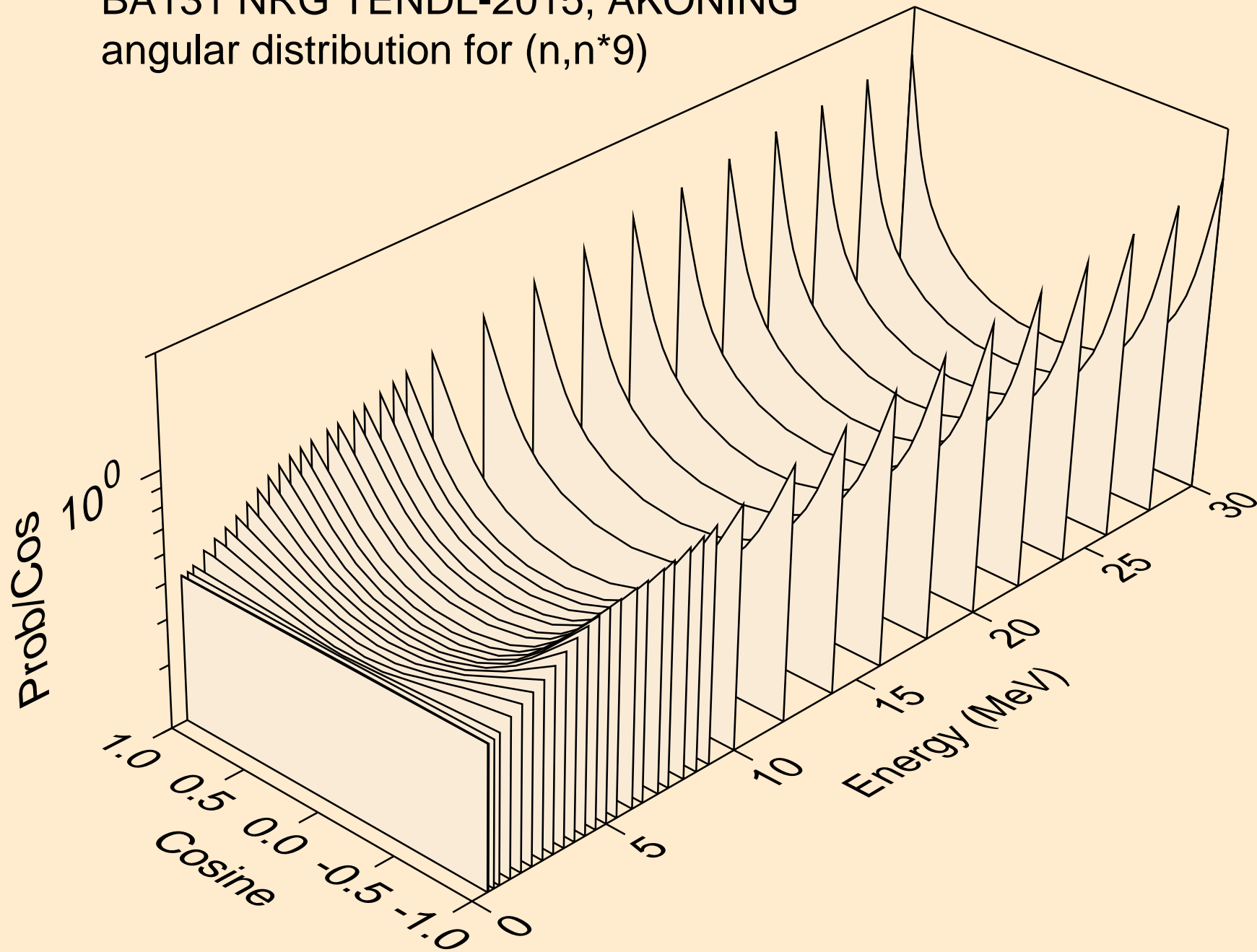
BA131 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



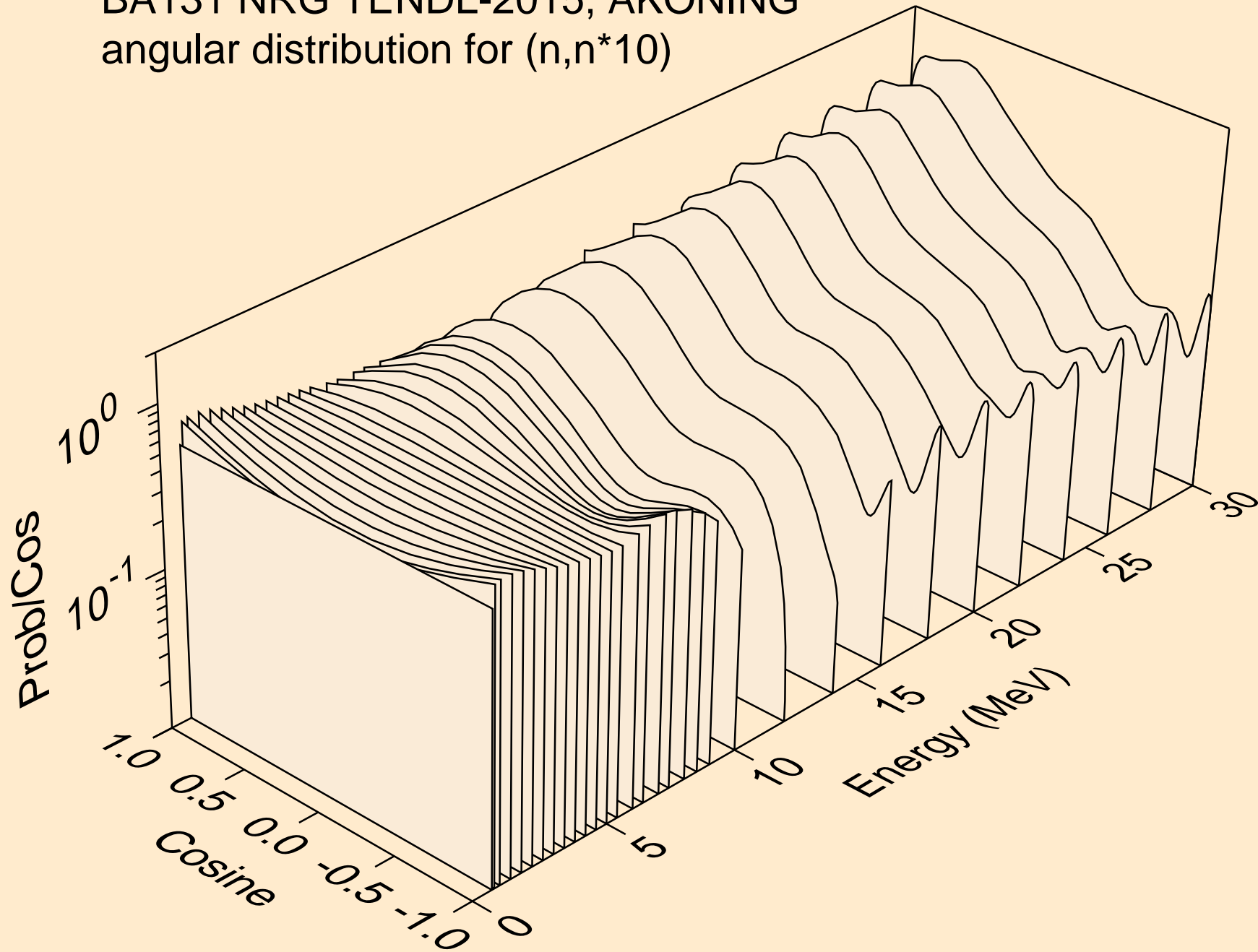
BA131 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



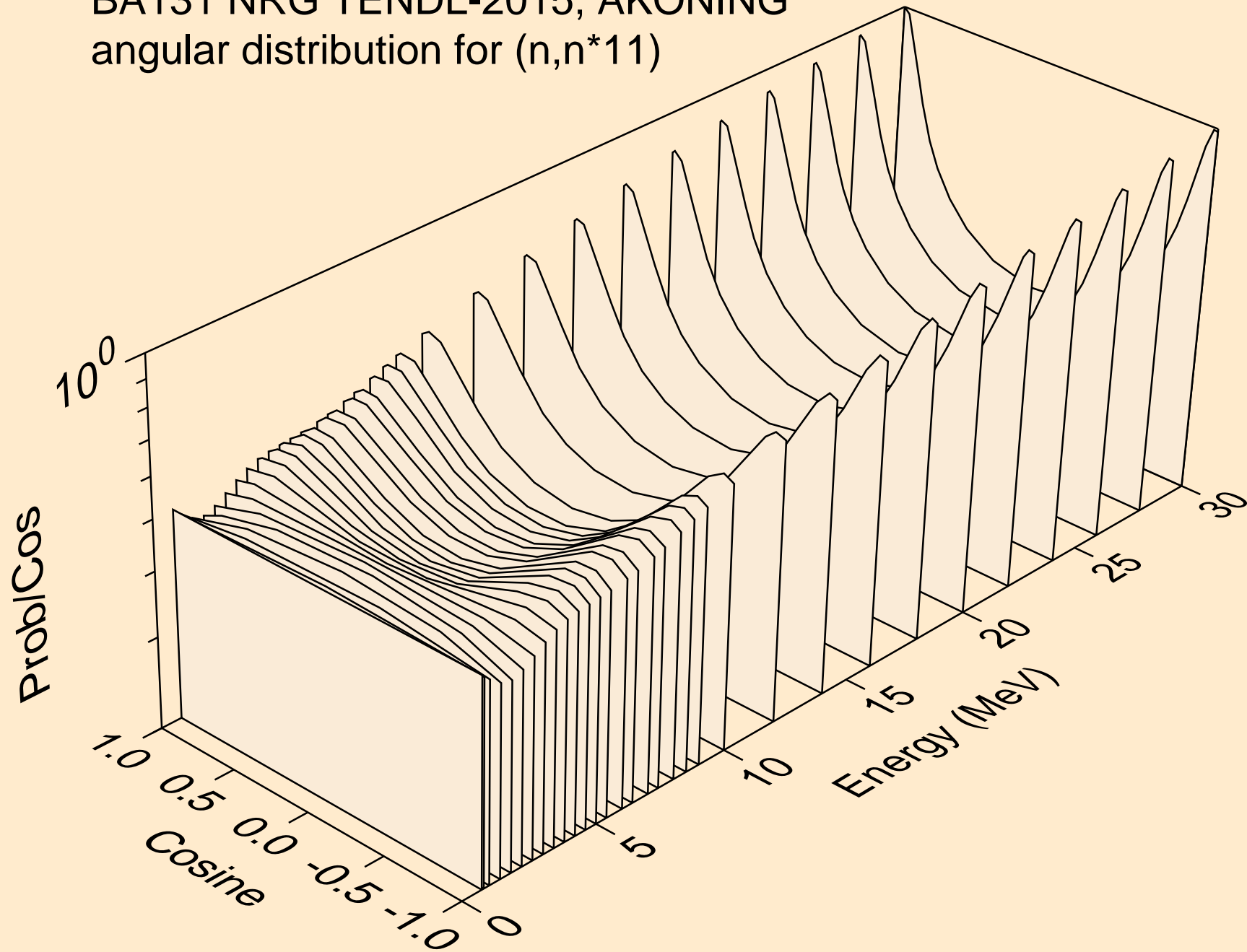
BA131 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



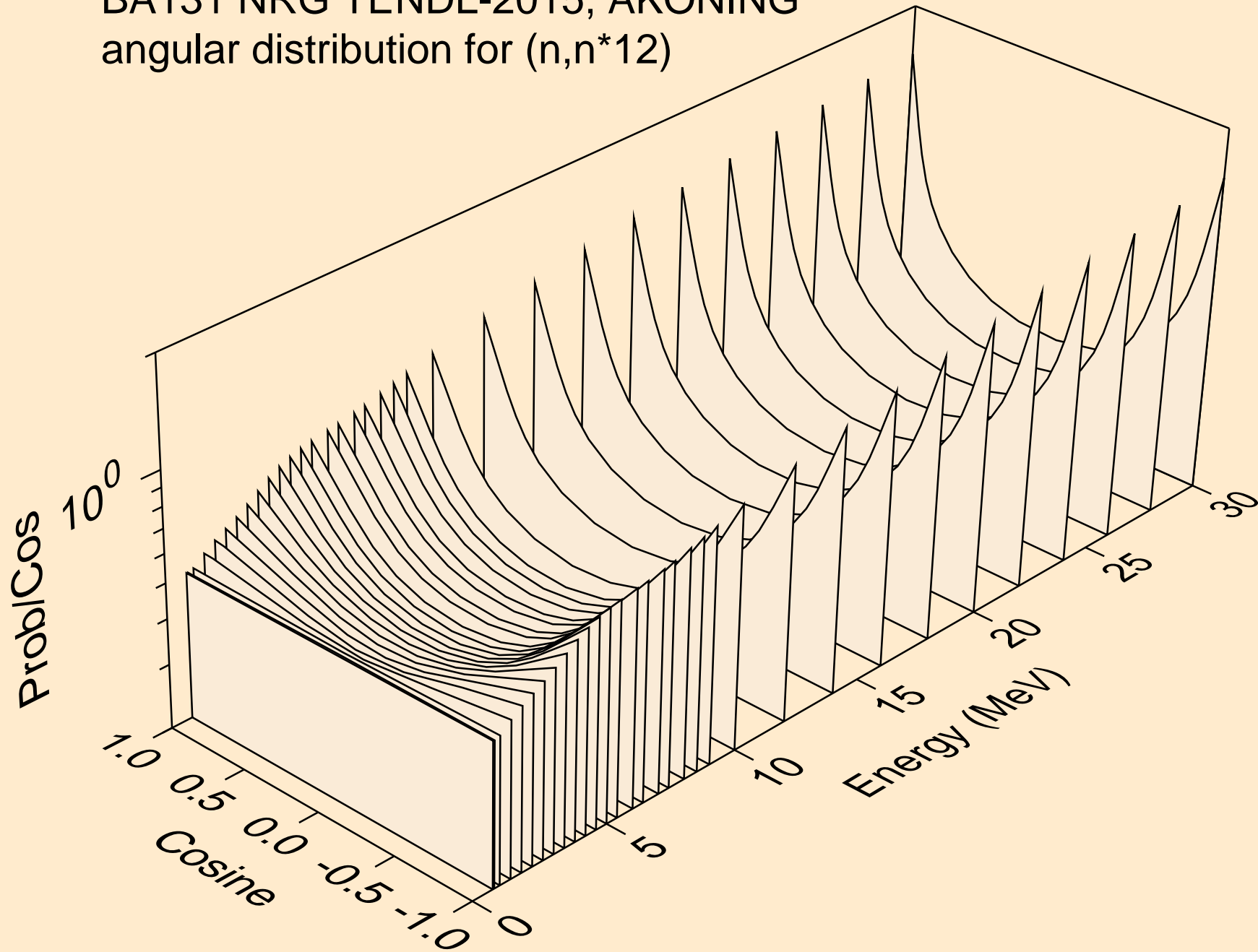
BA131 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



BA131 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)

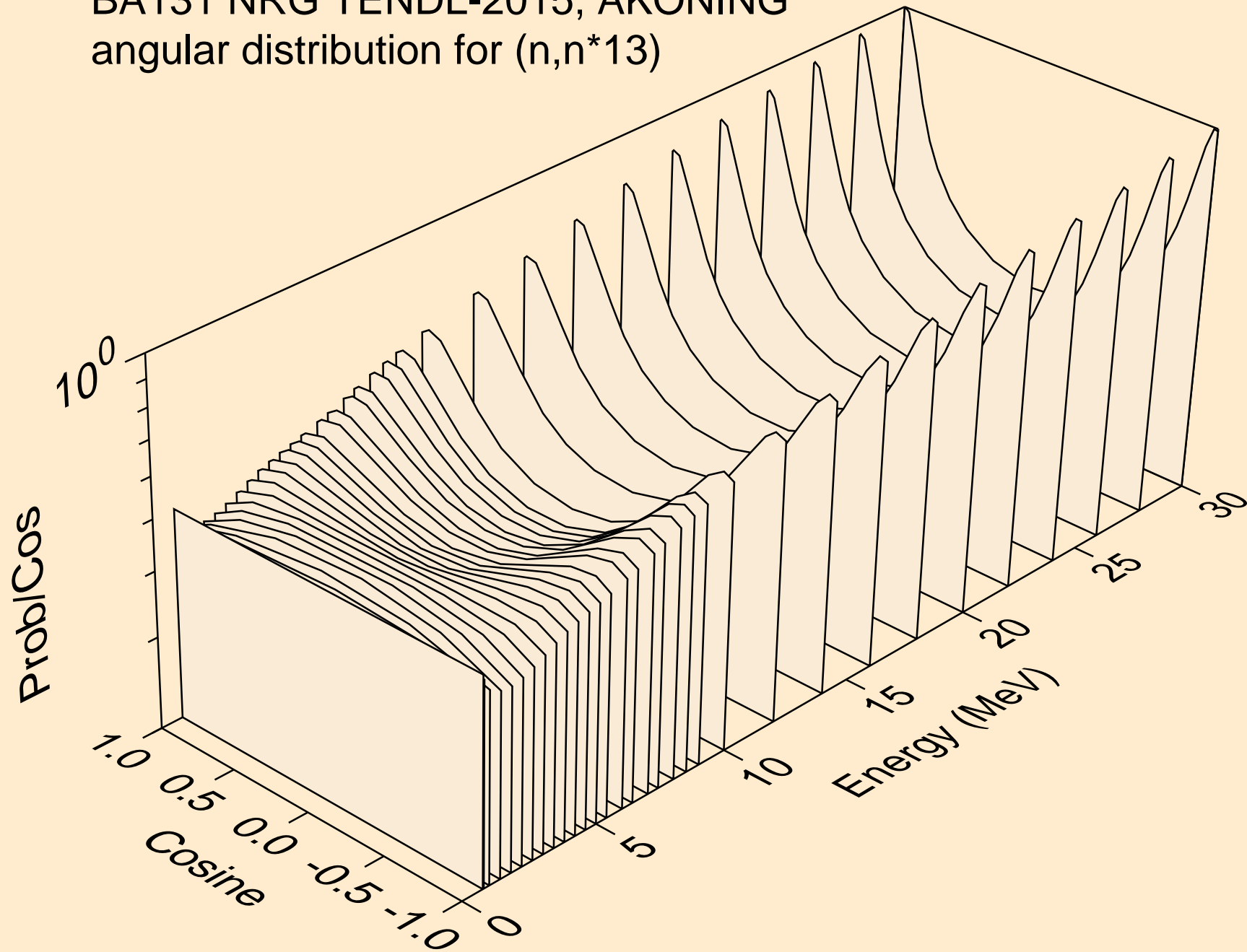


BA131 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)

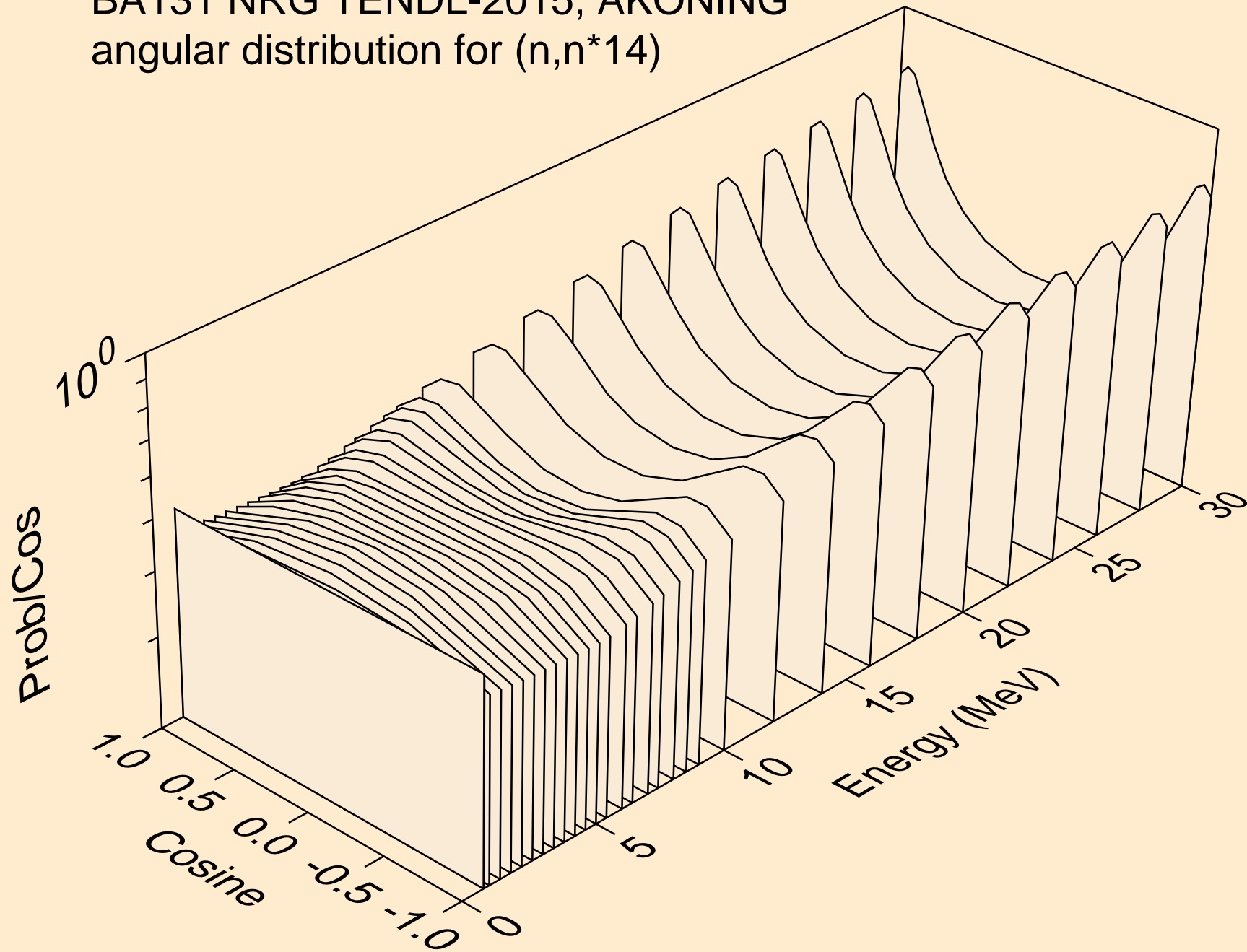




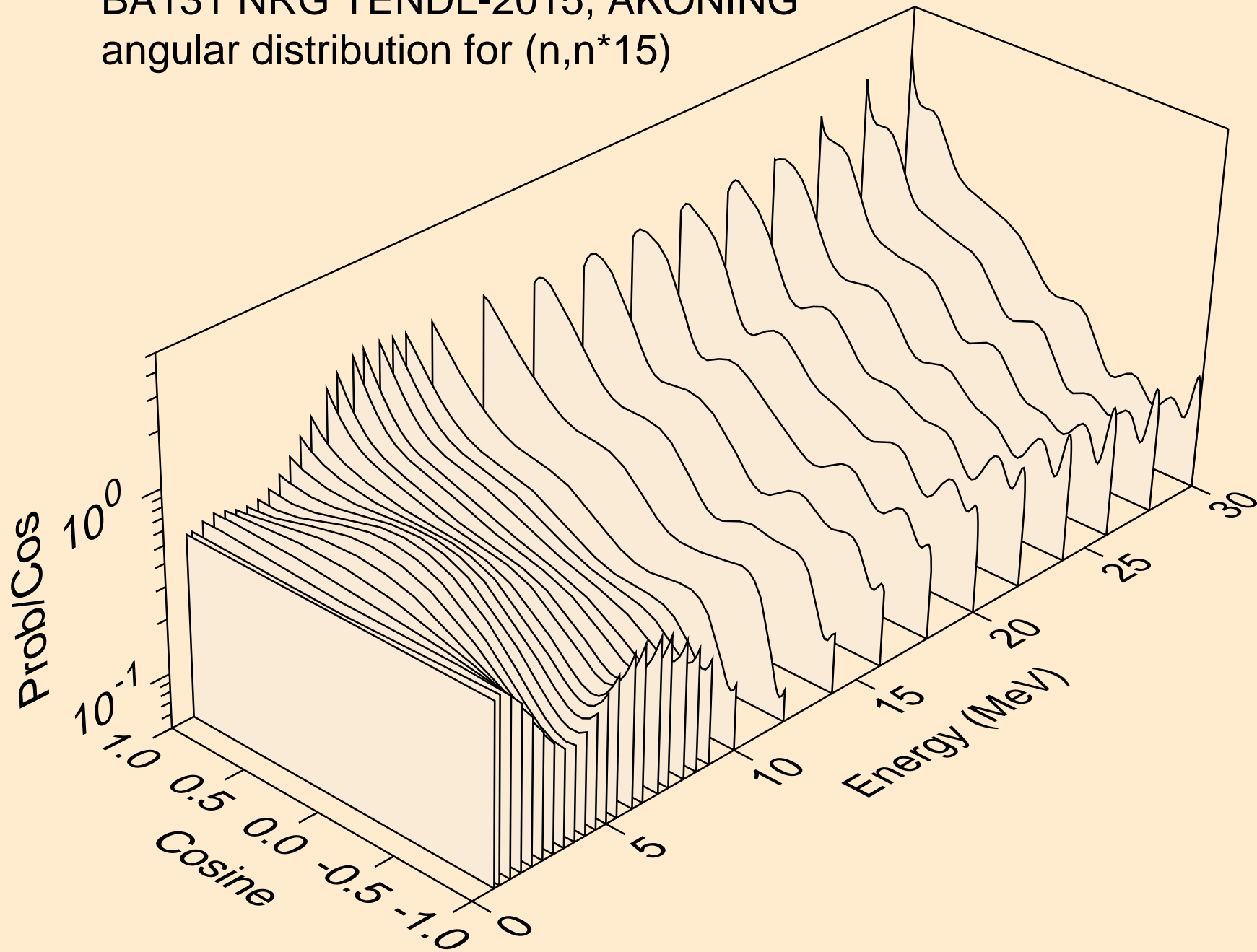
BA131 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



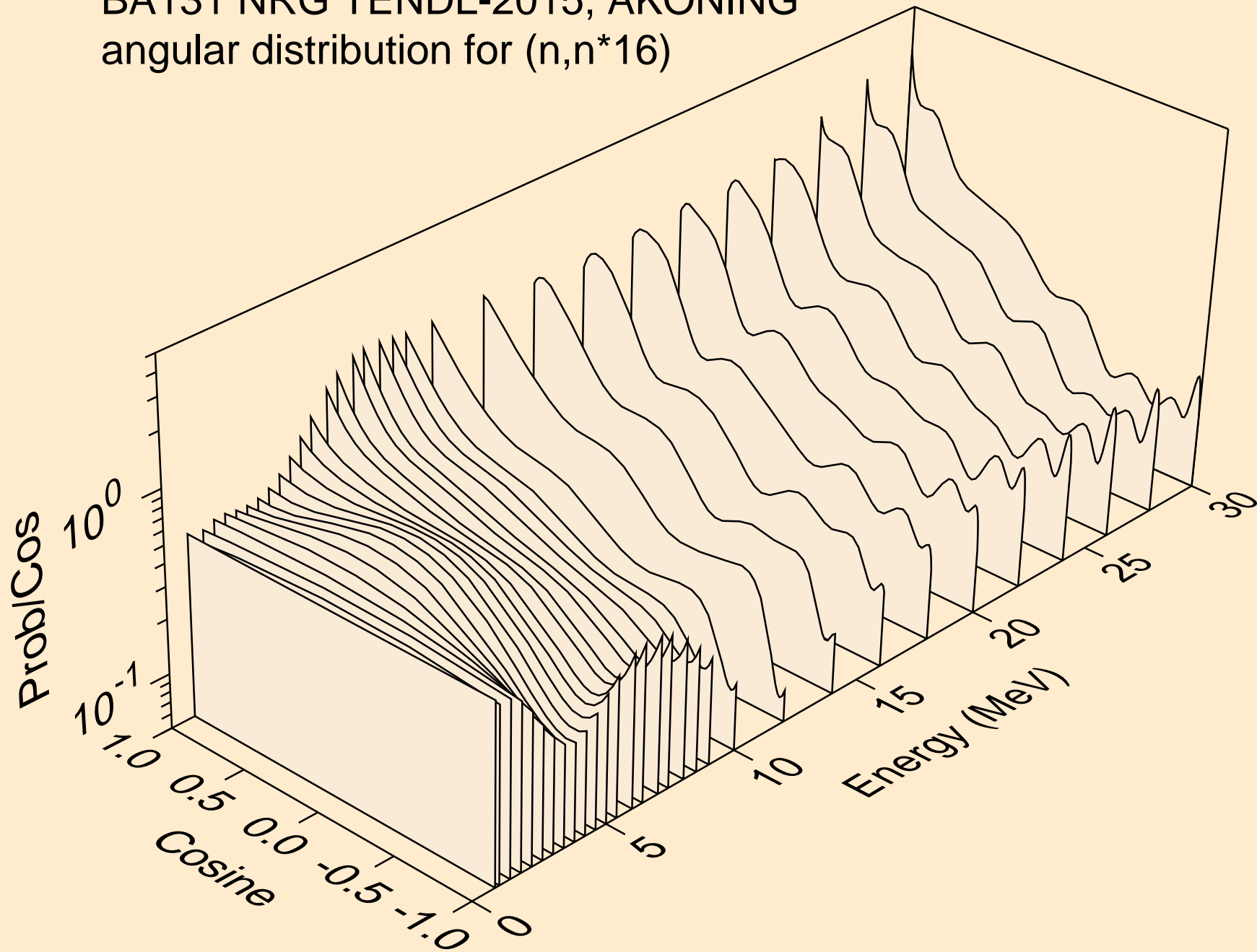
BA131 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



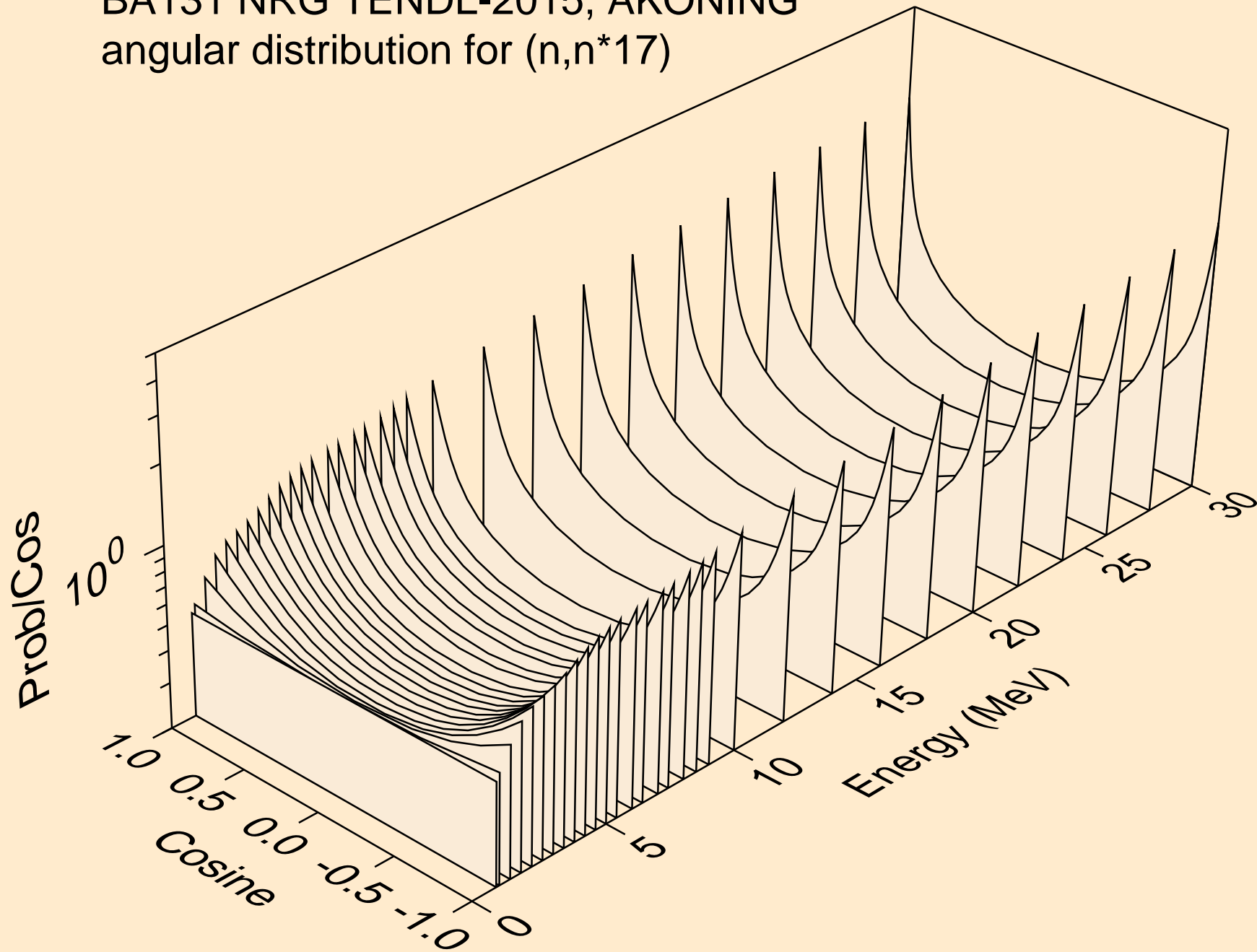
BA131 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



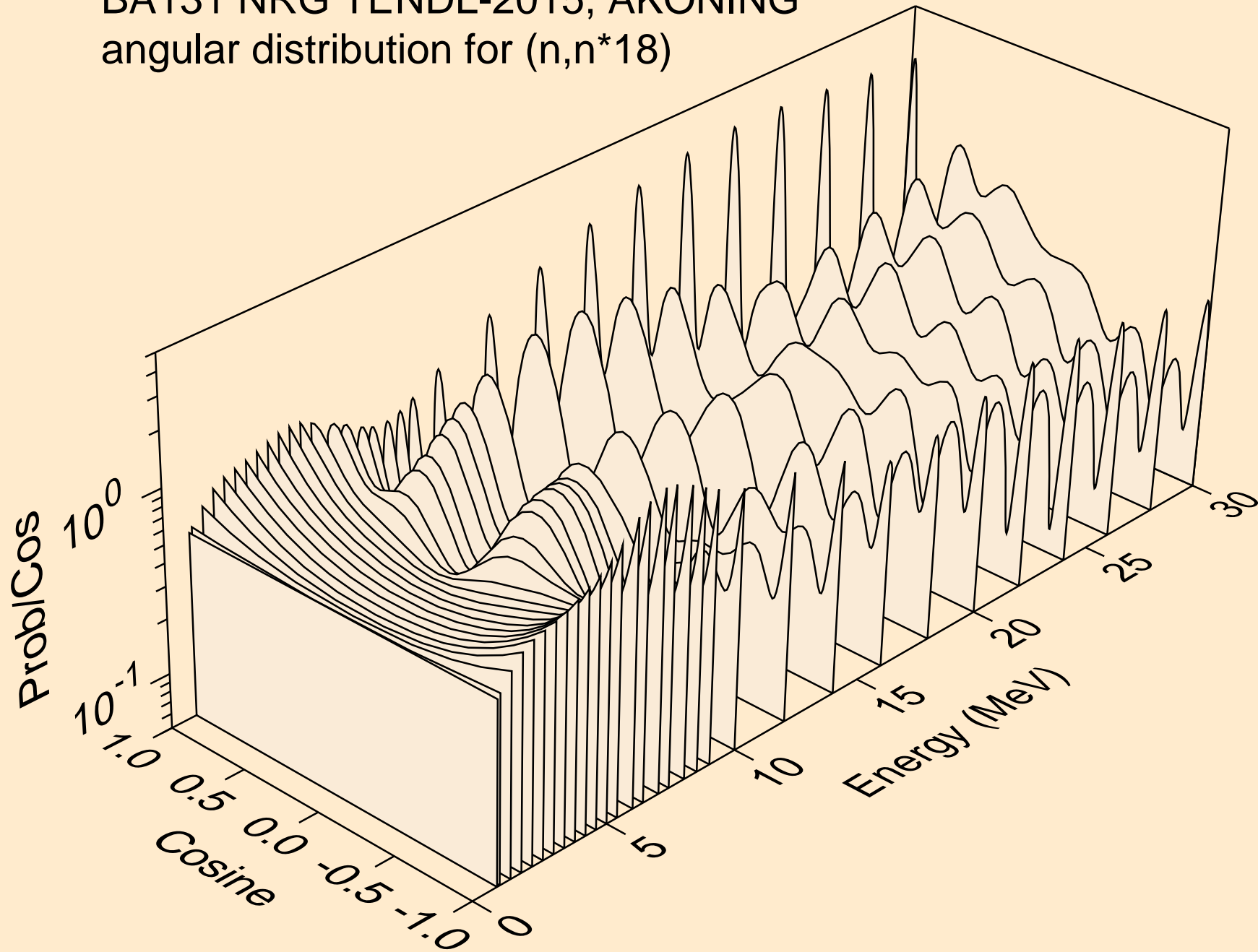
BA131 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



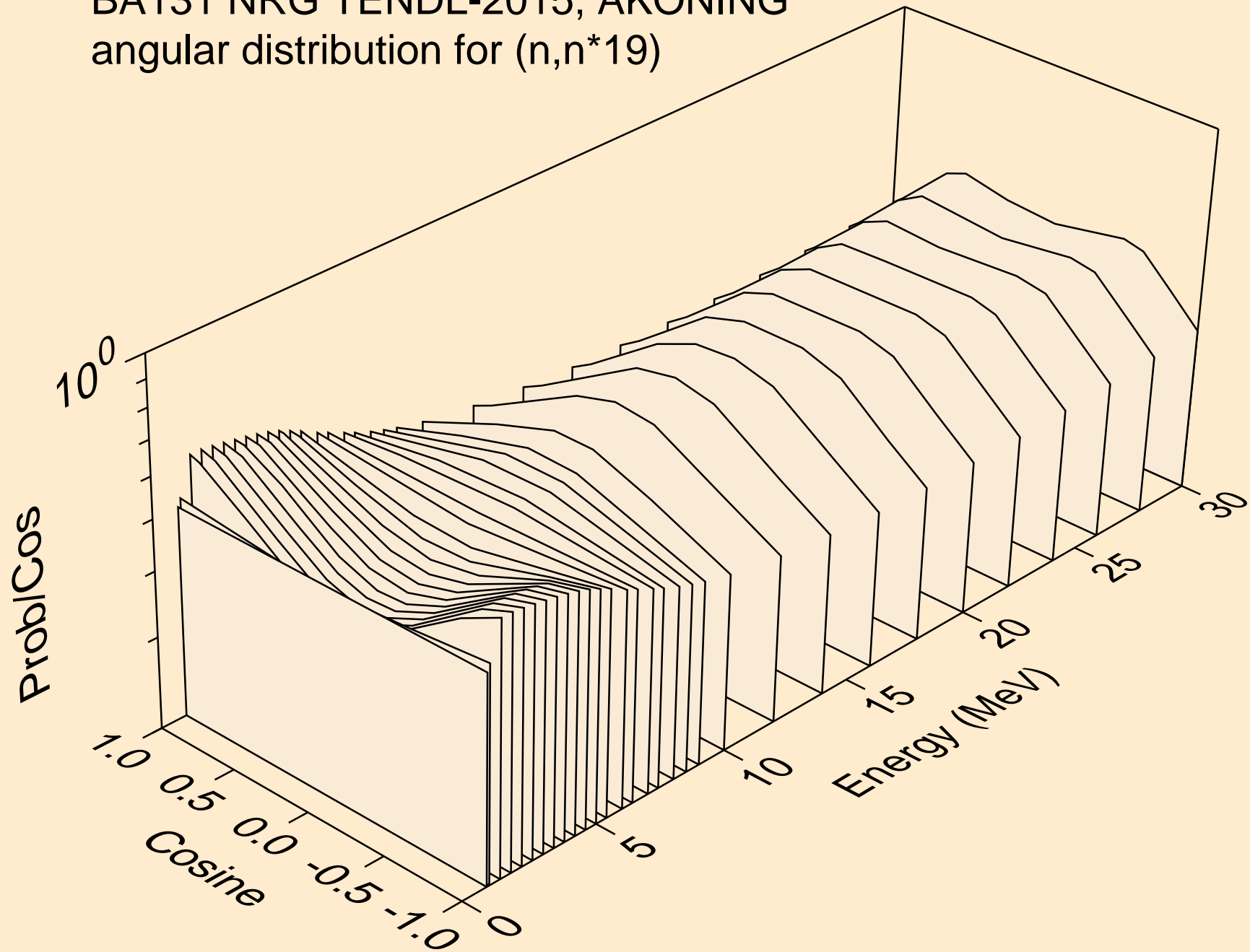
BA131 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



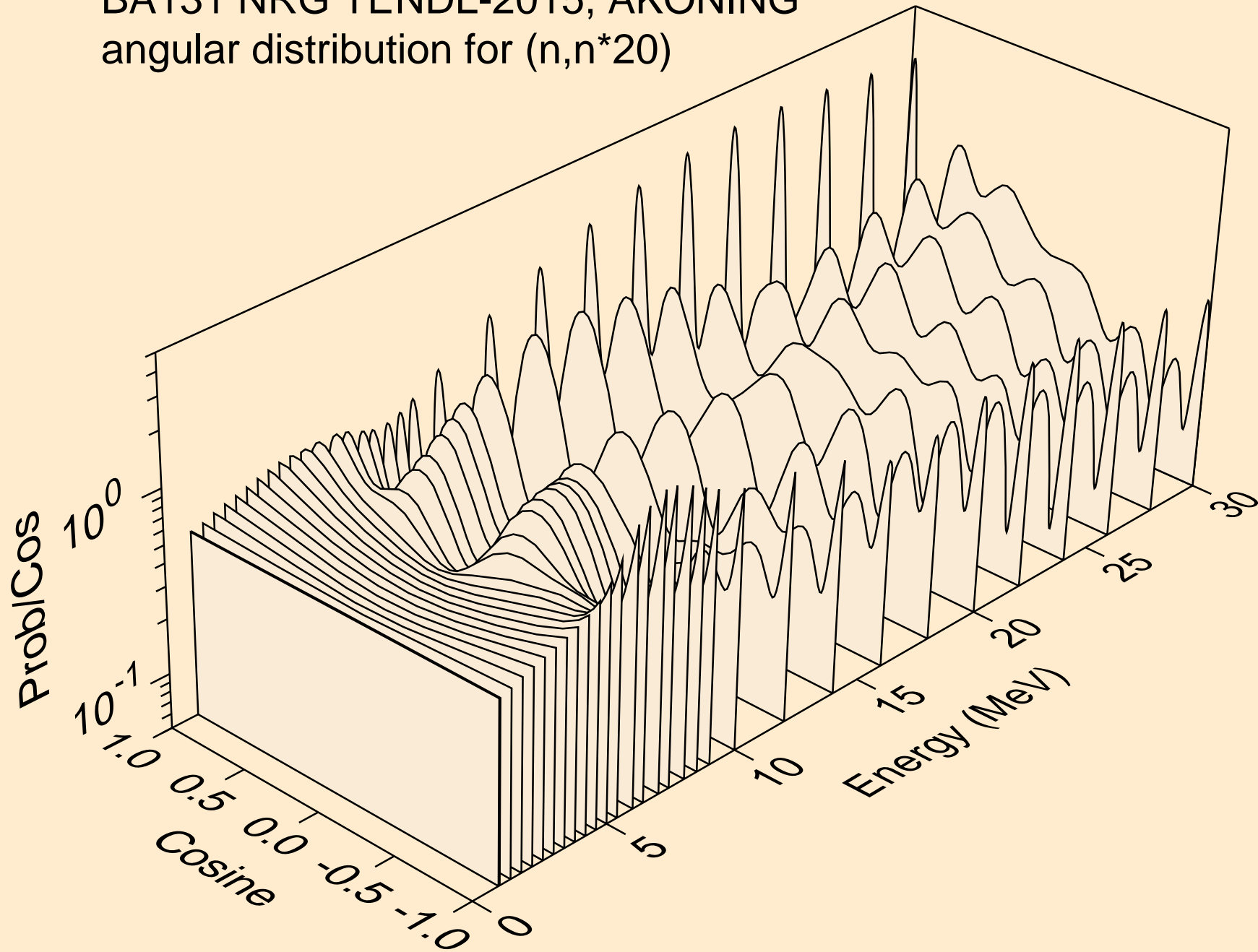
BA131 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



BA131 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)

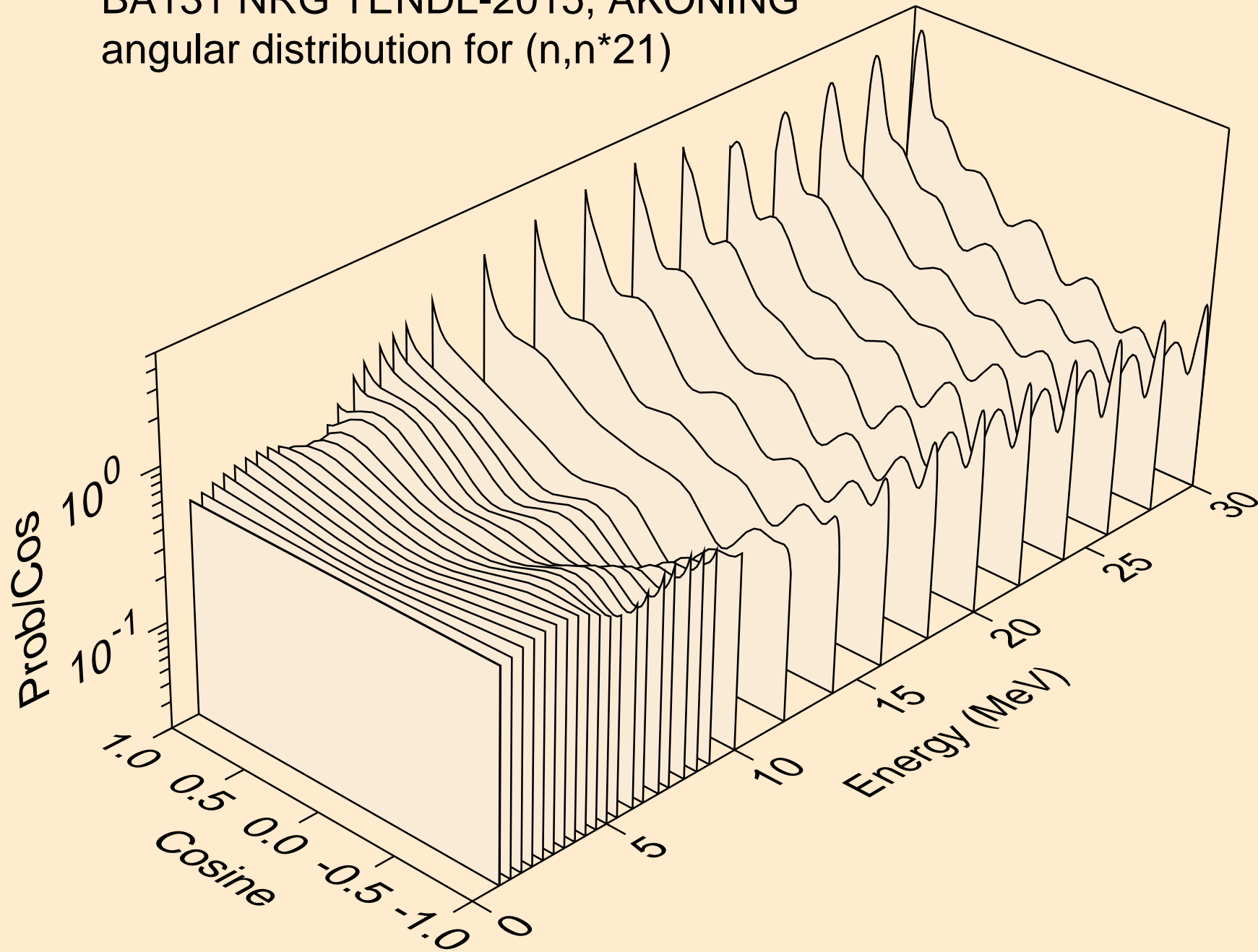


BA131 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)

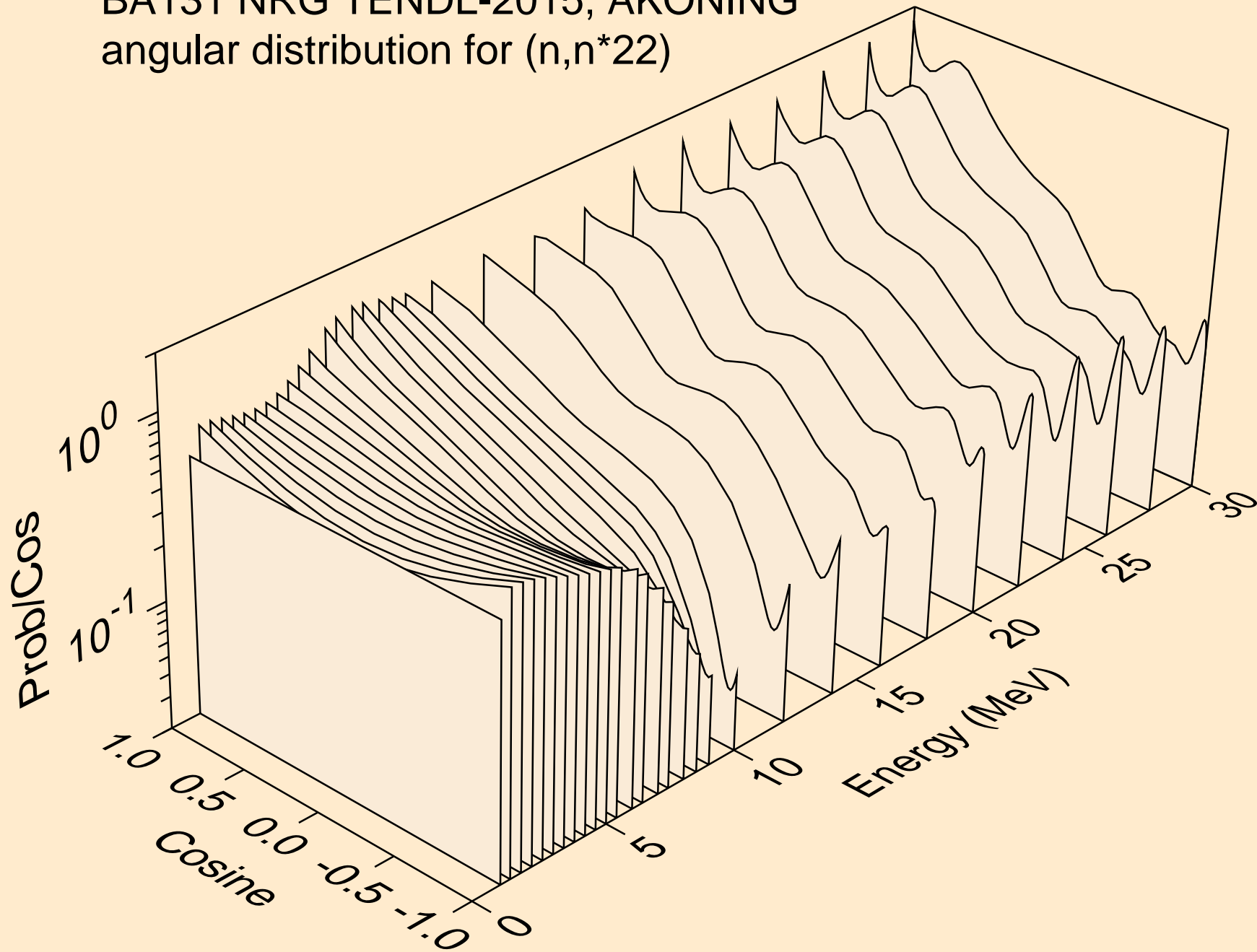




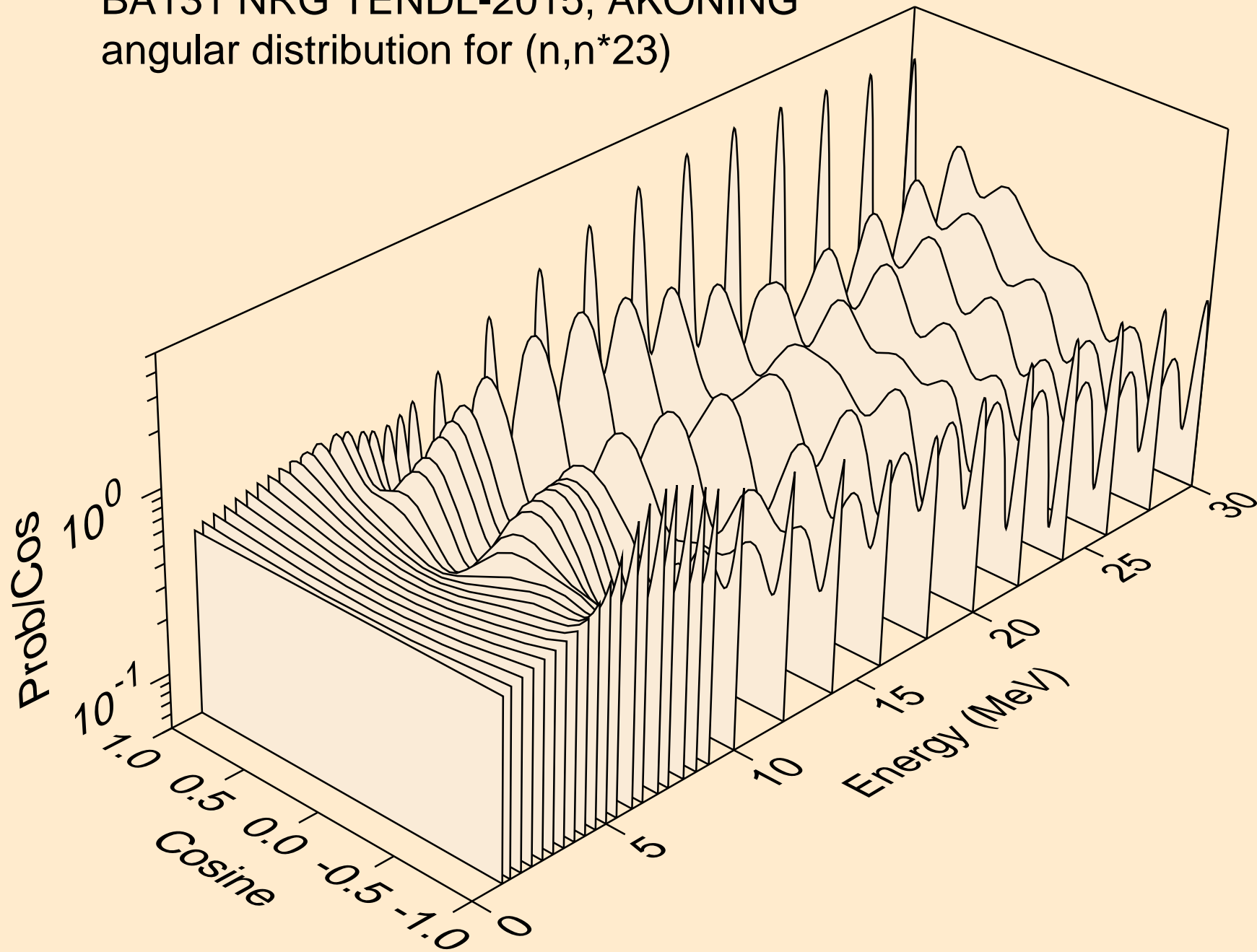
BA131 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



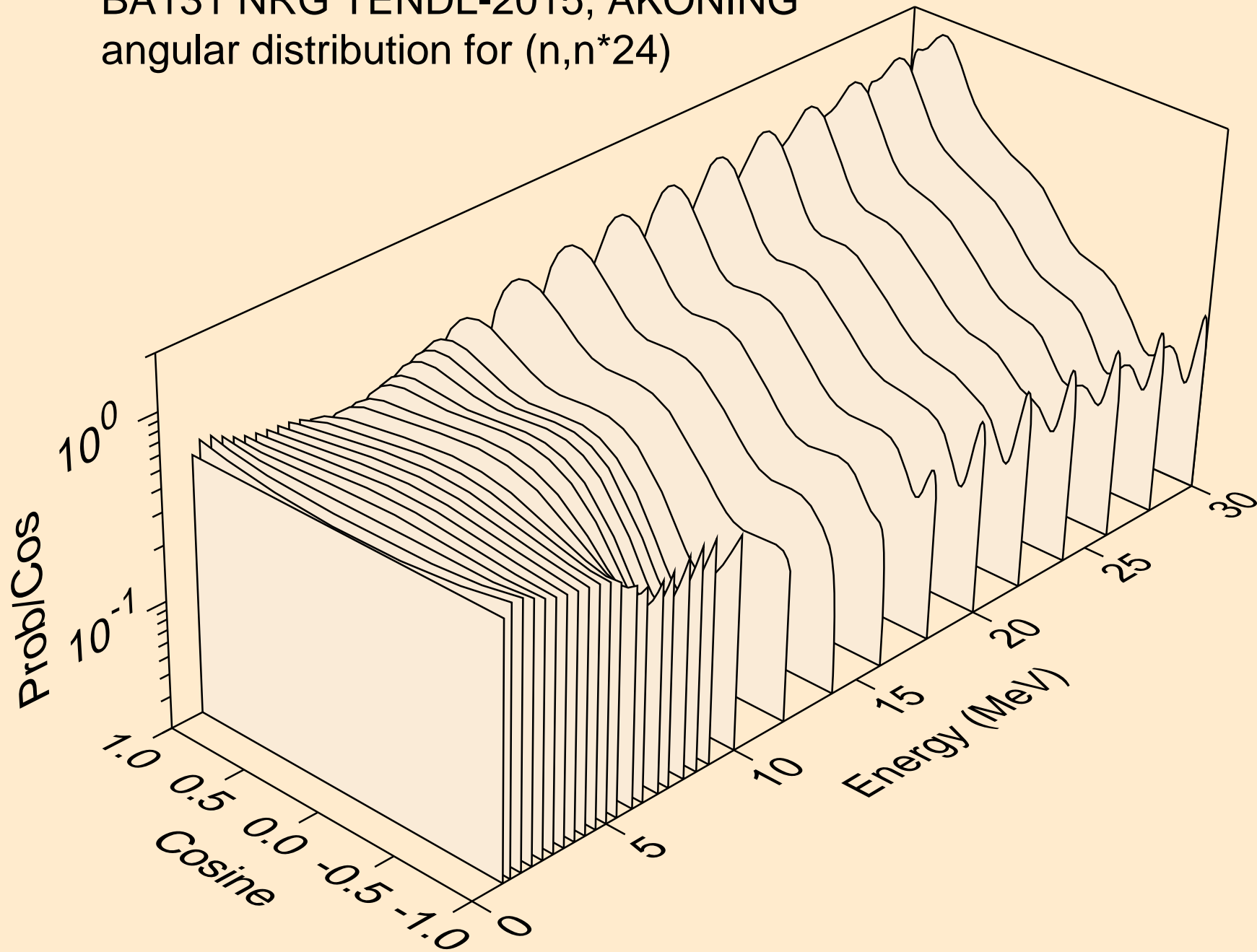
BA131 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



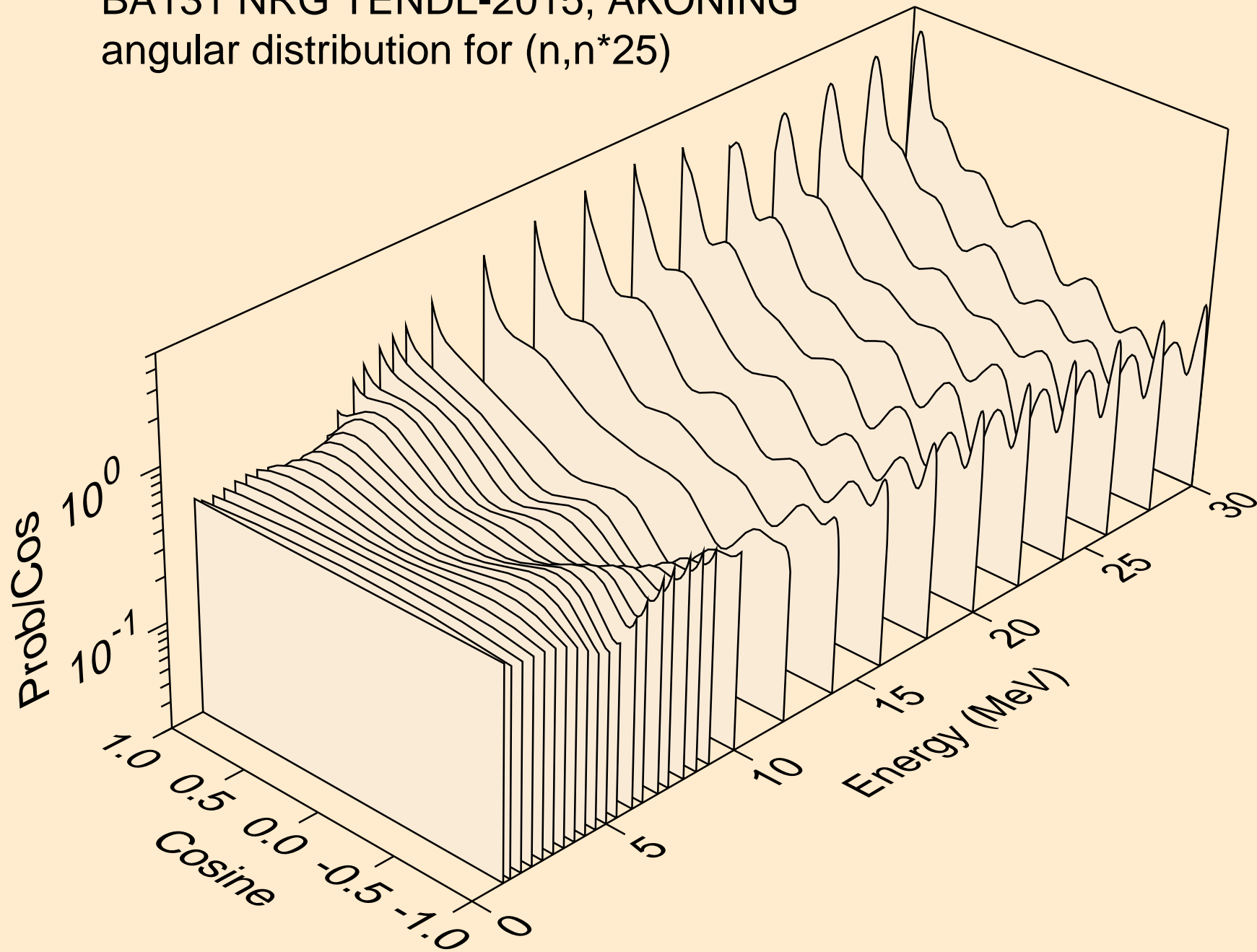
BA131 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



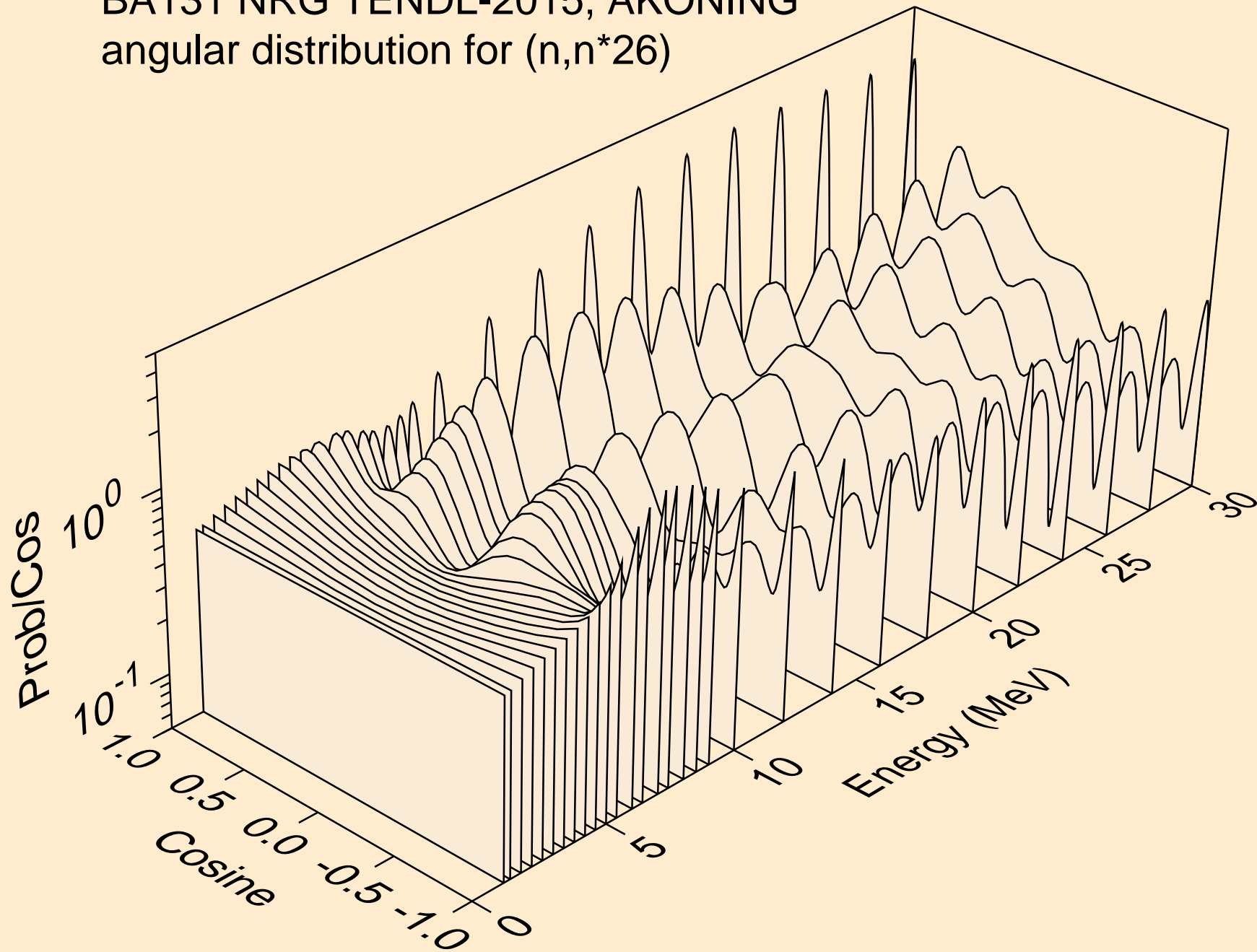
BA131 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



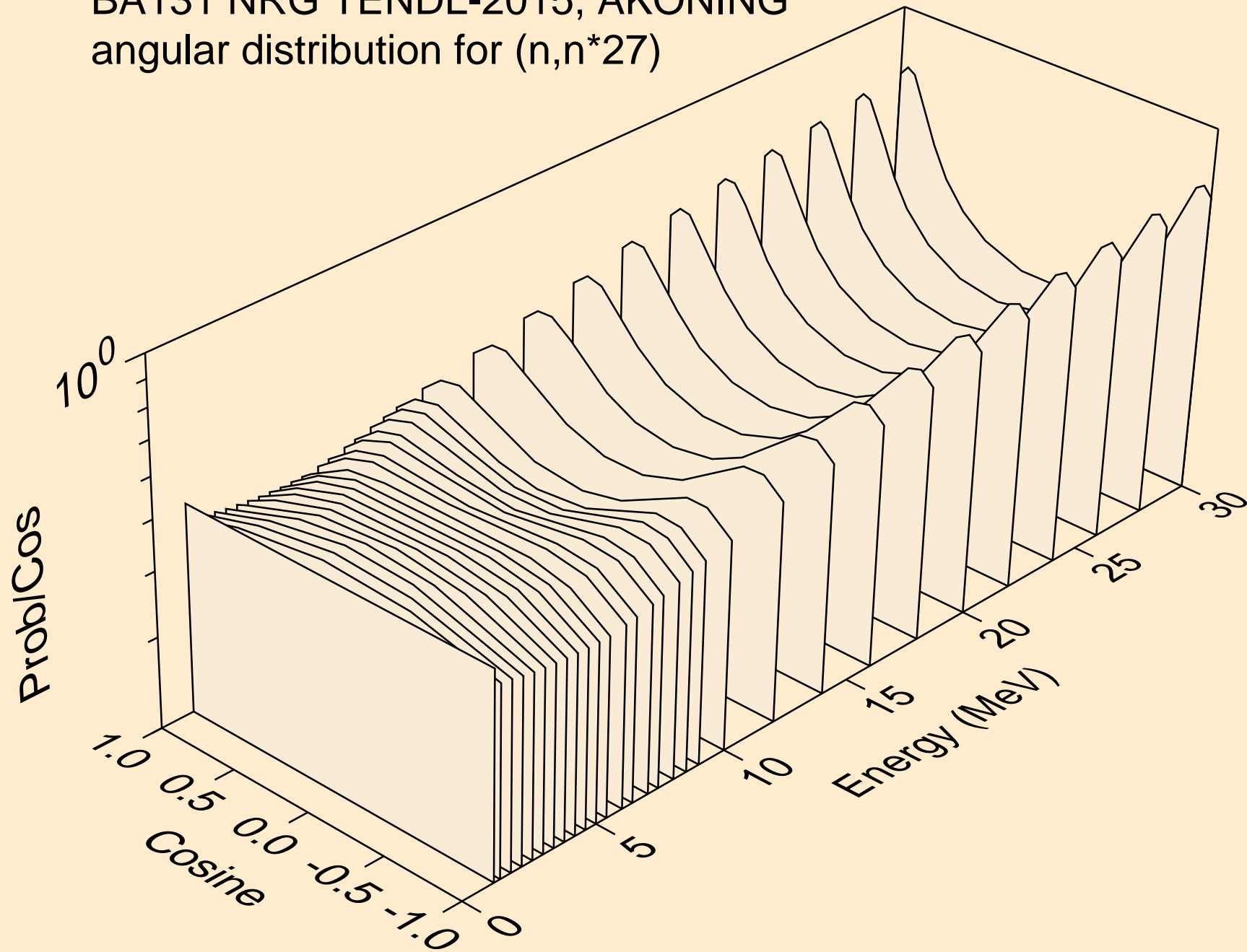
BA131 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



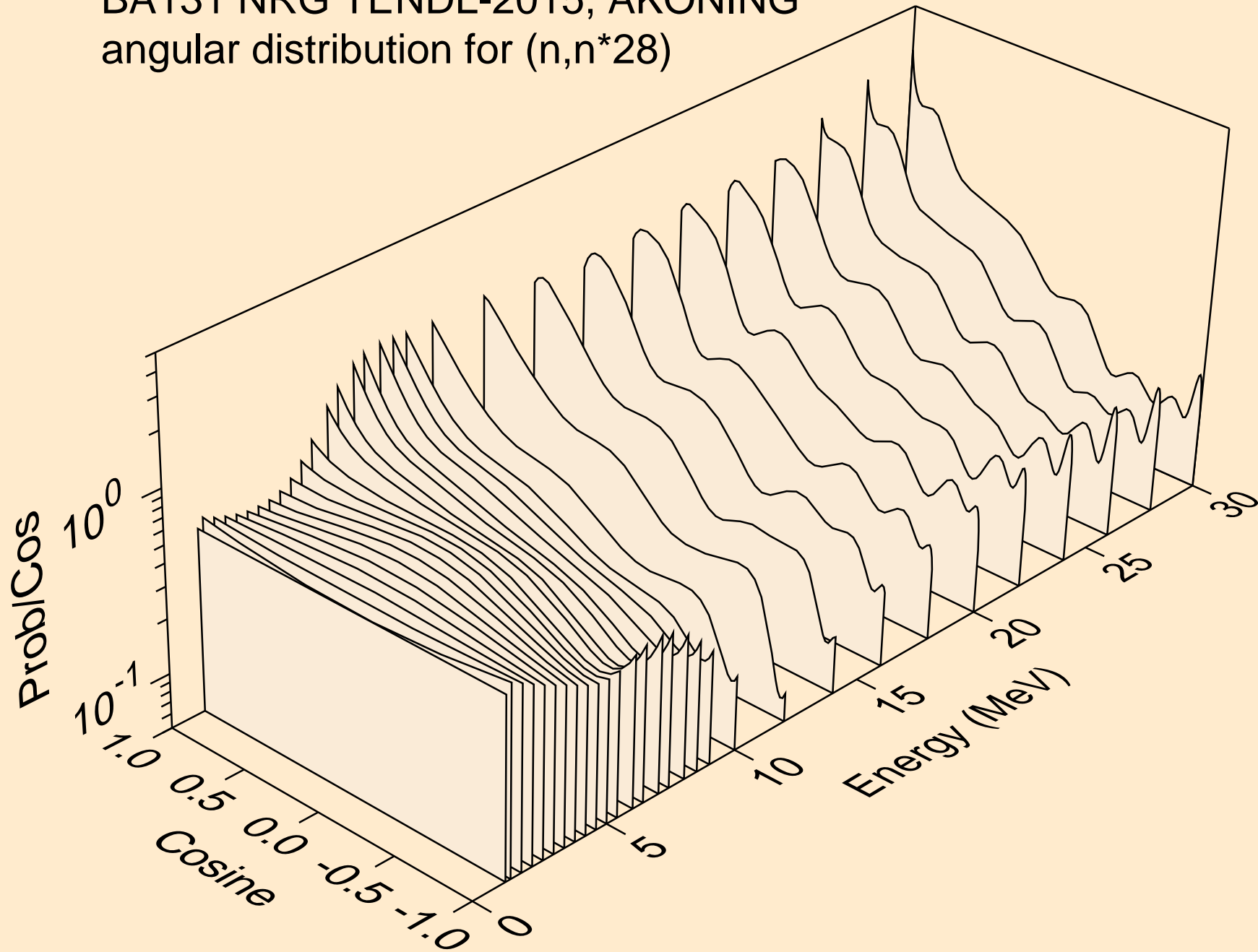
BA131 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



BA131 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)

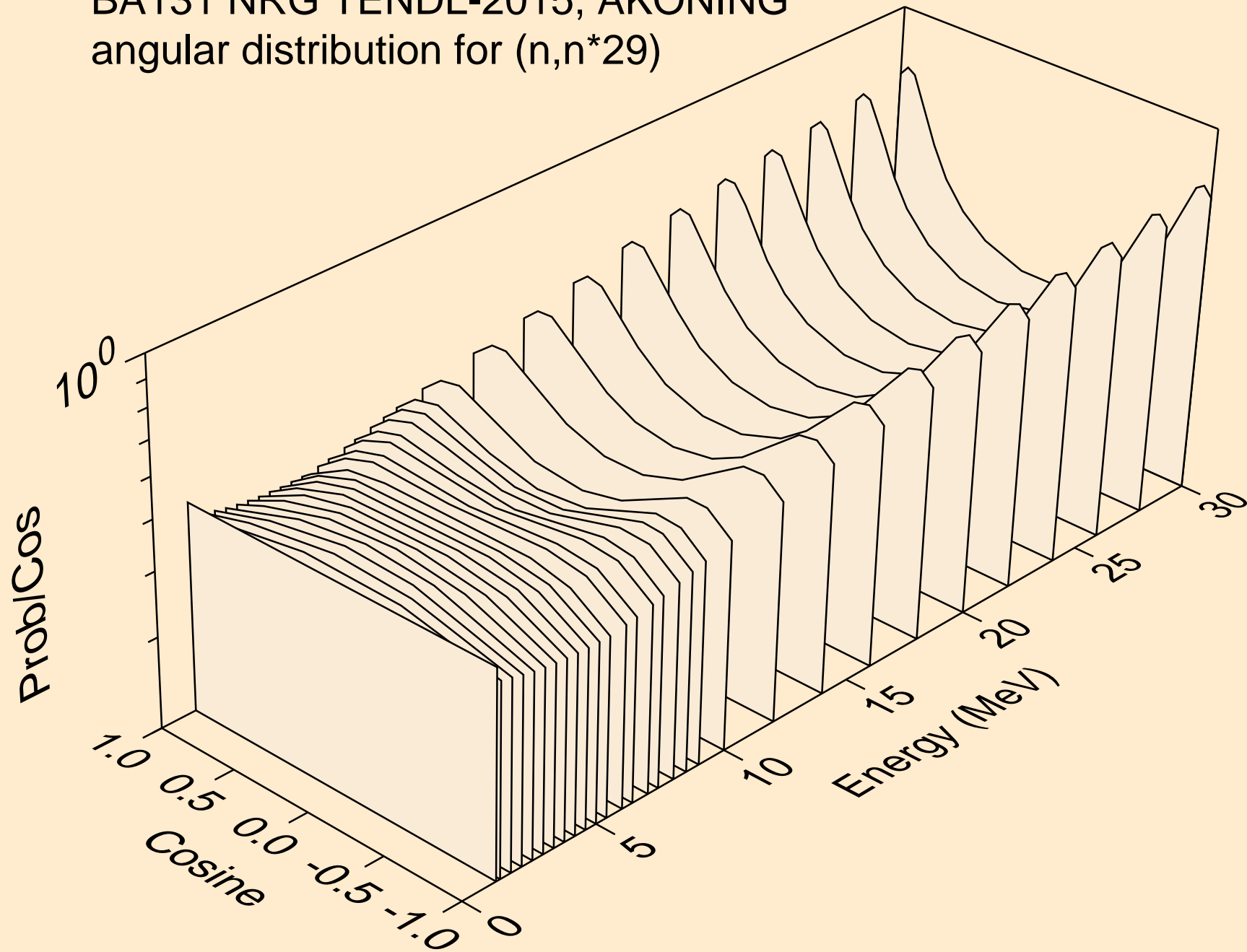


BA131 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)

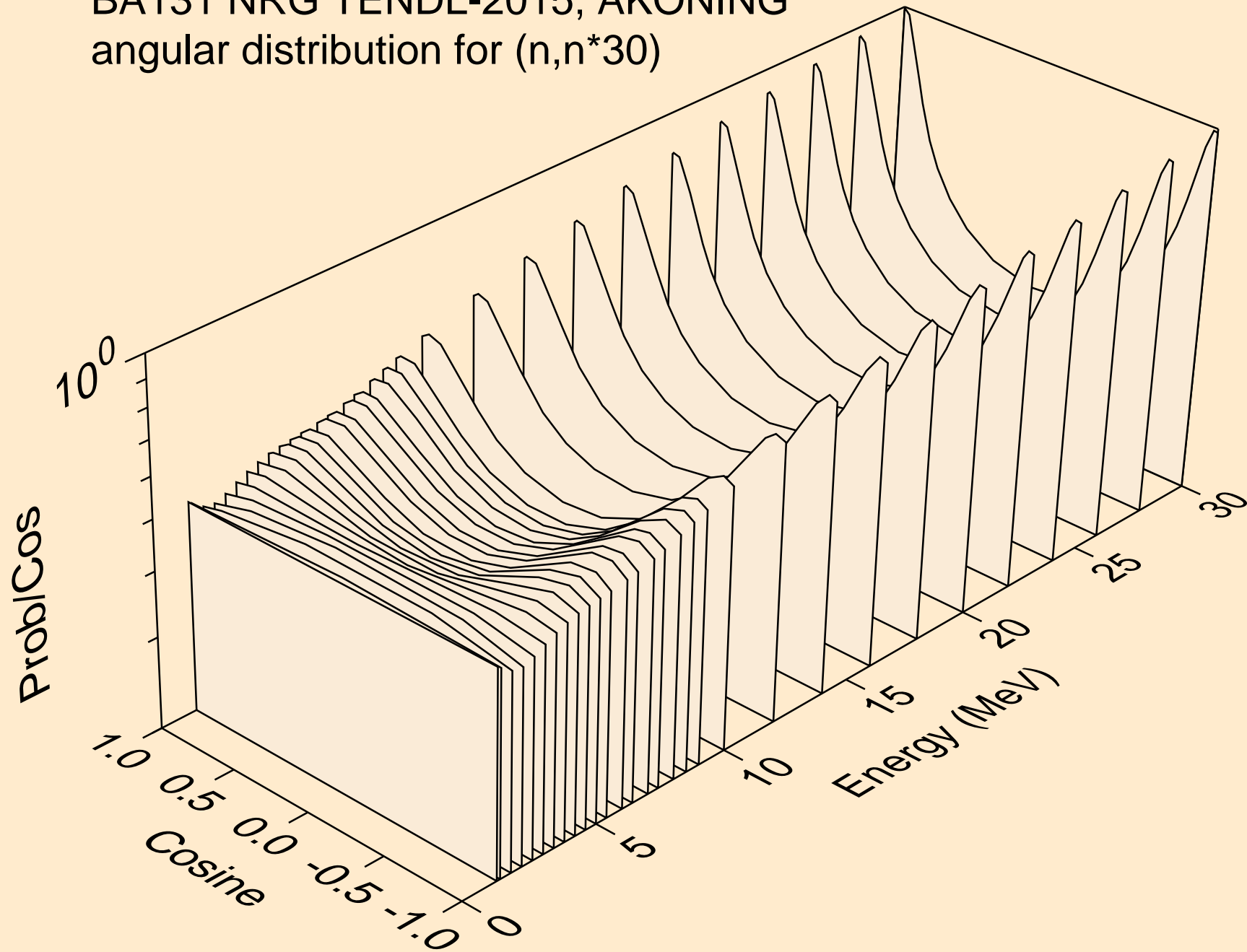




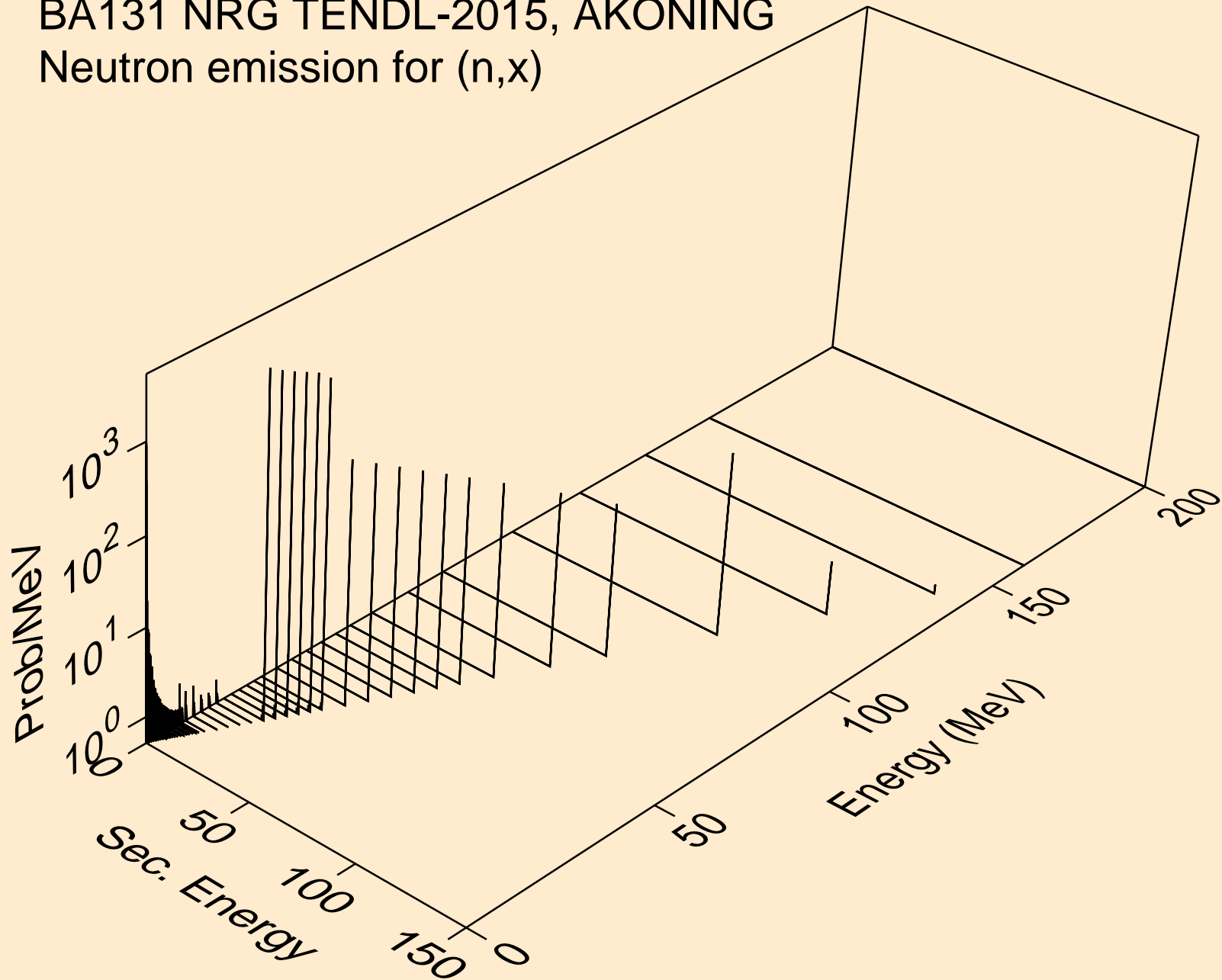
BA131 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)



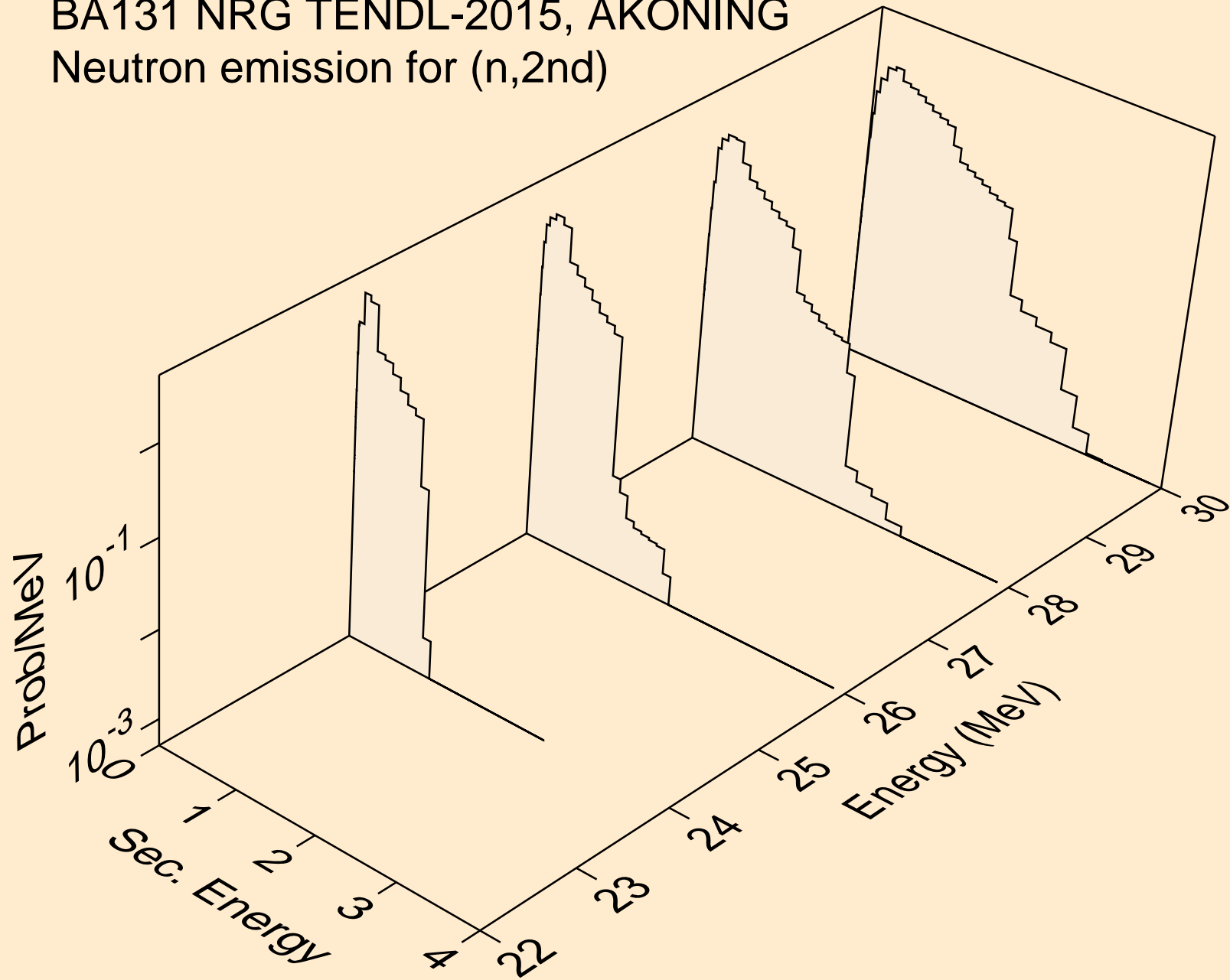
BA131 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)



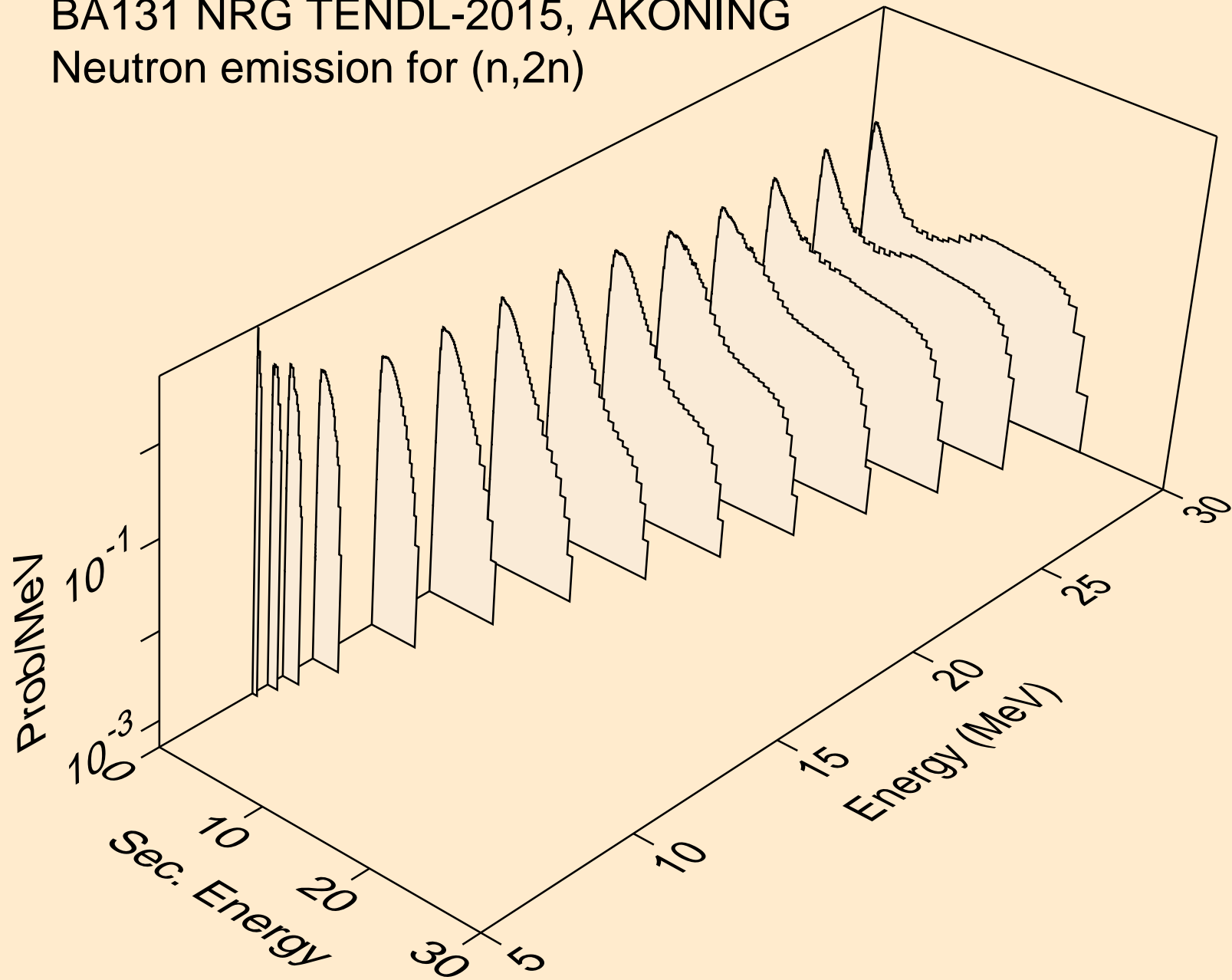
BA131 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



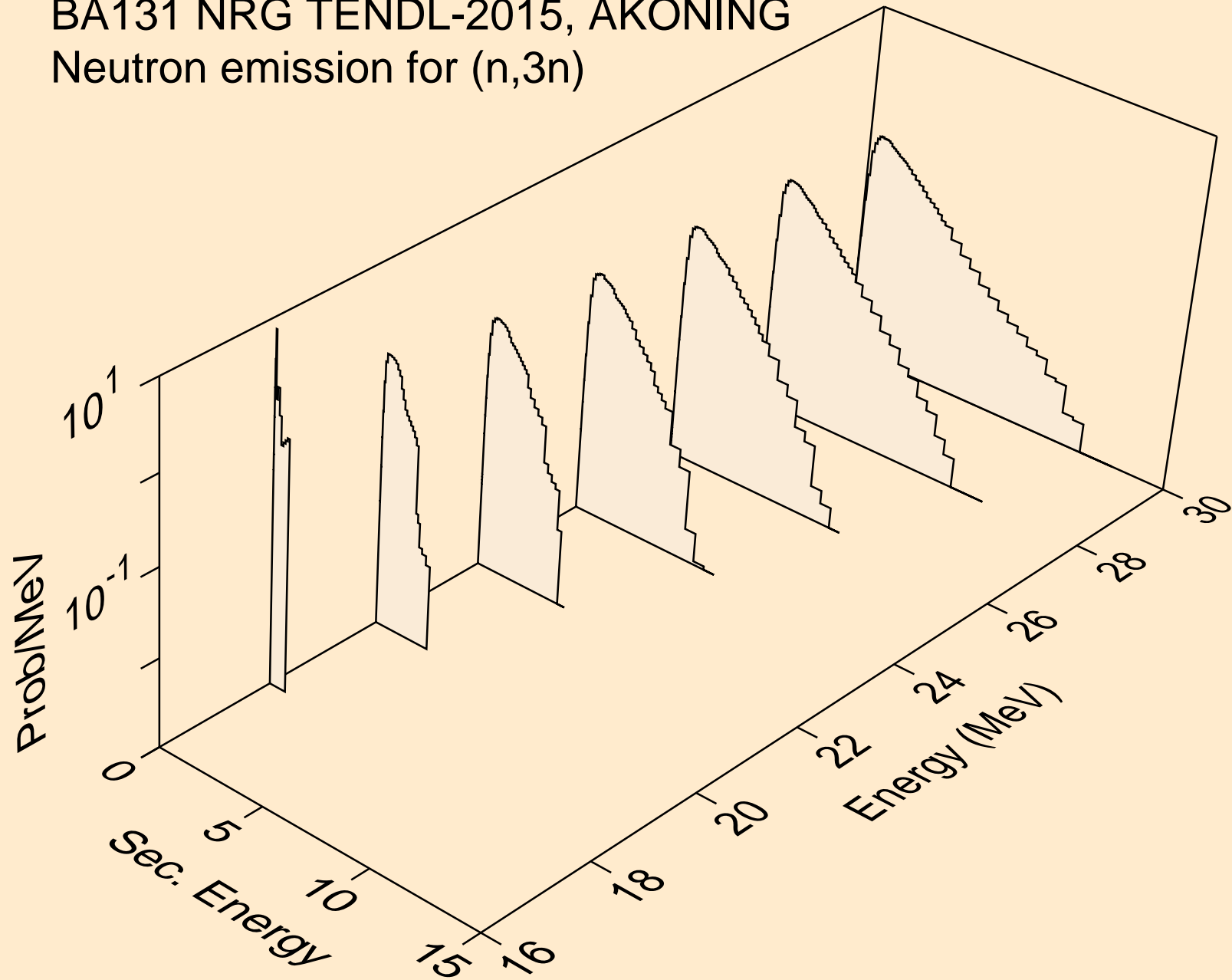
BA131 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



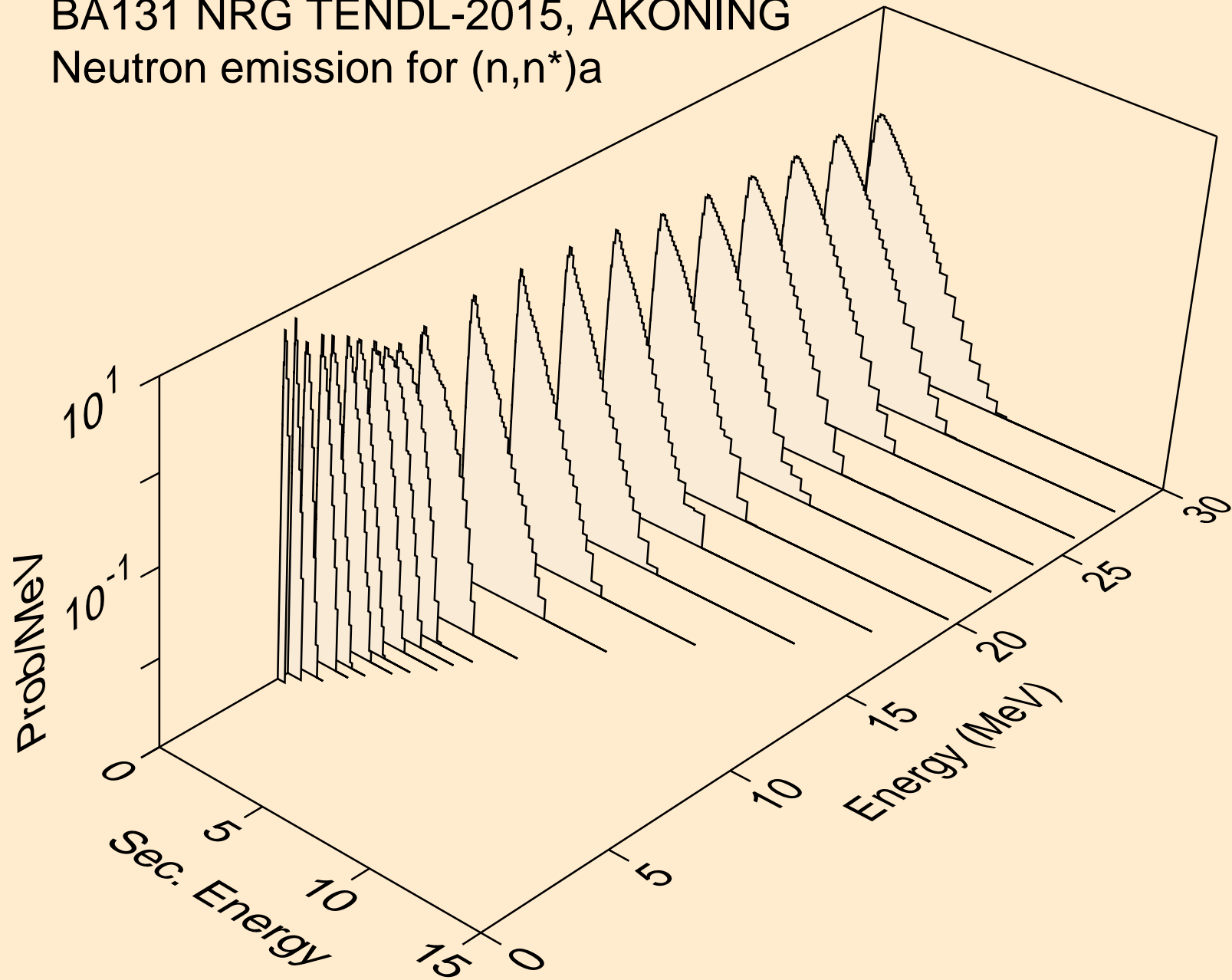
BA131 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



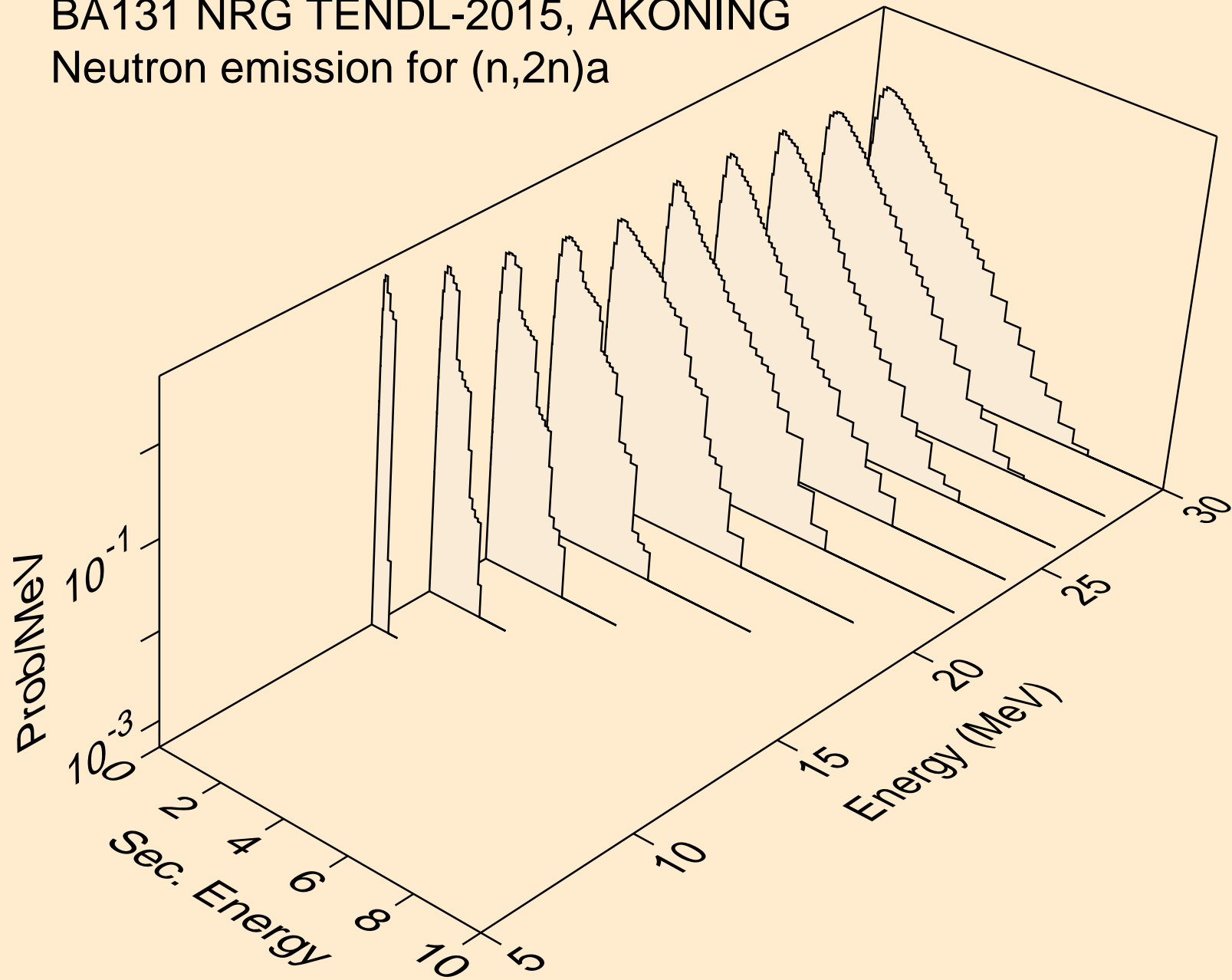
BA131 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



BA131 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a

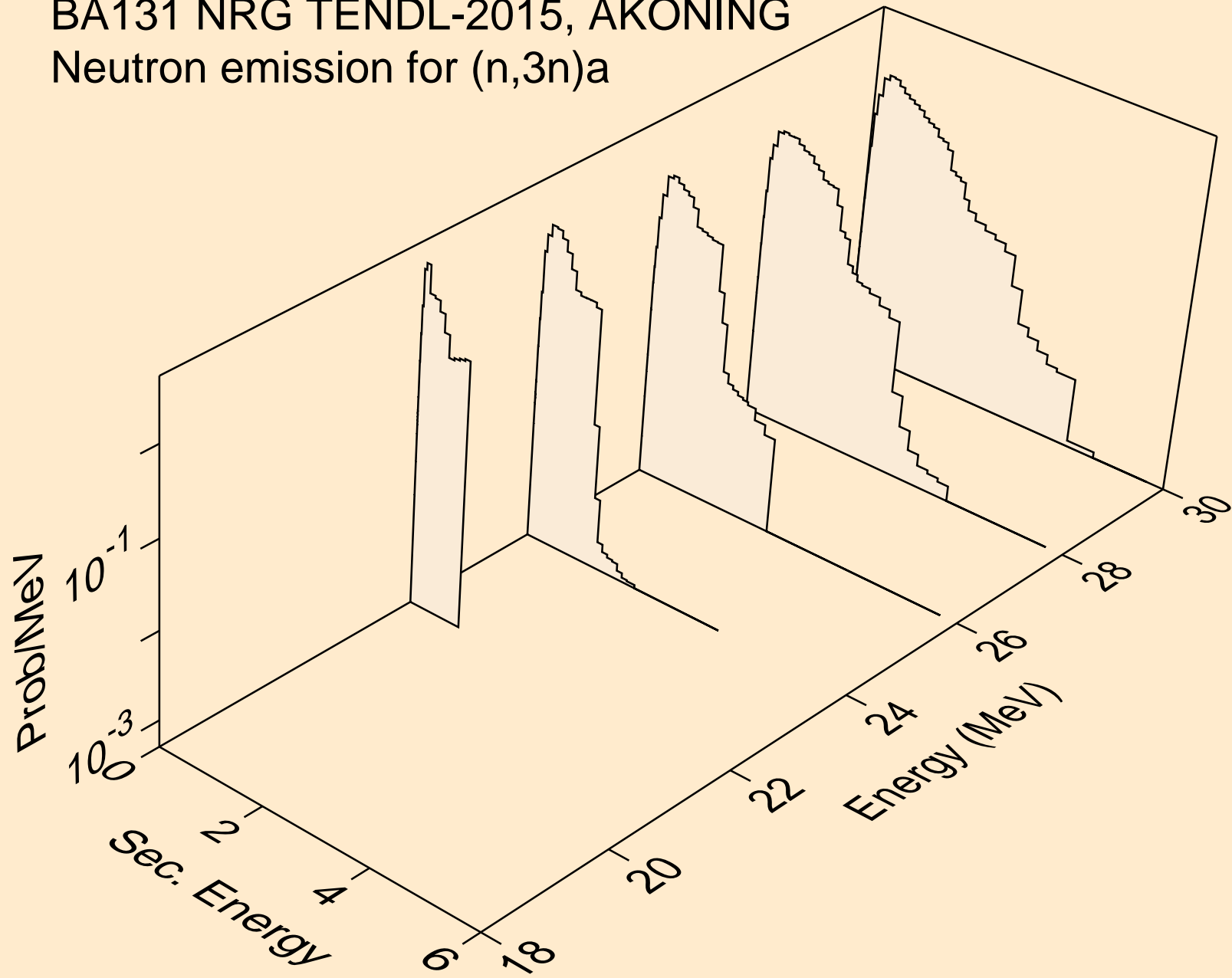


BA131 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)<sub>a</sub>

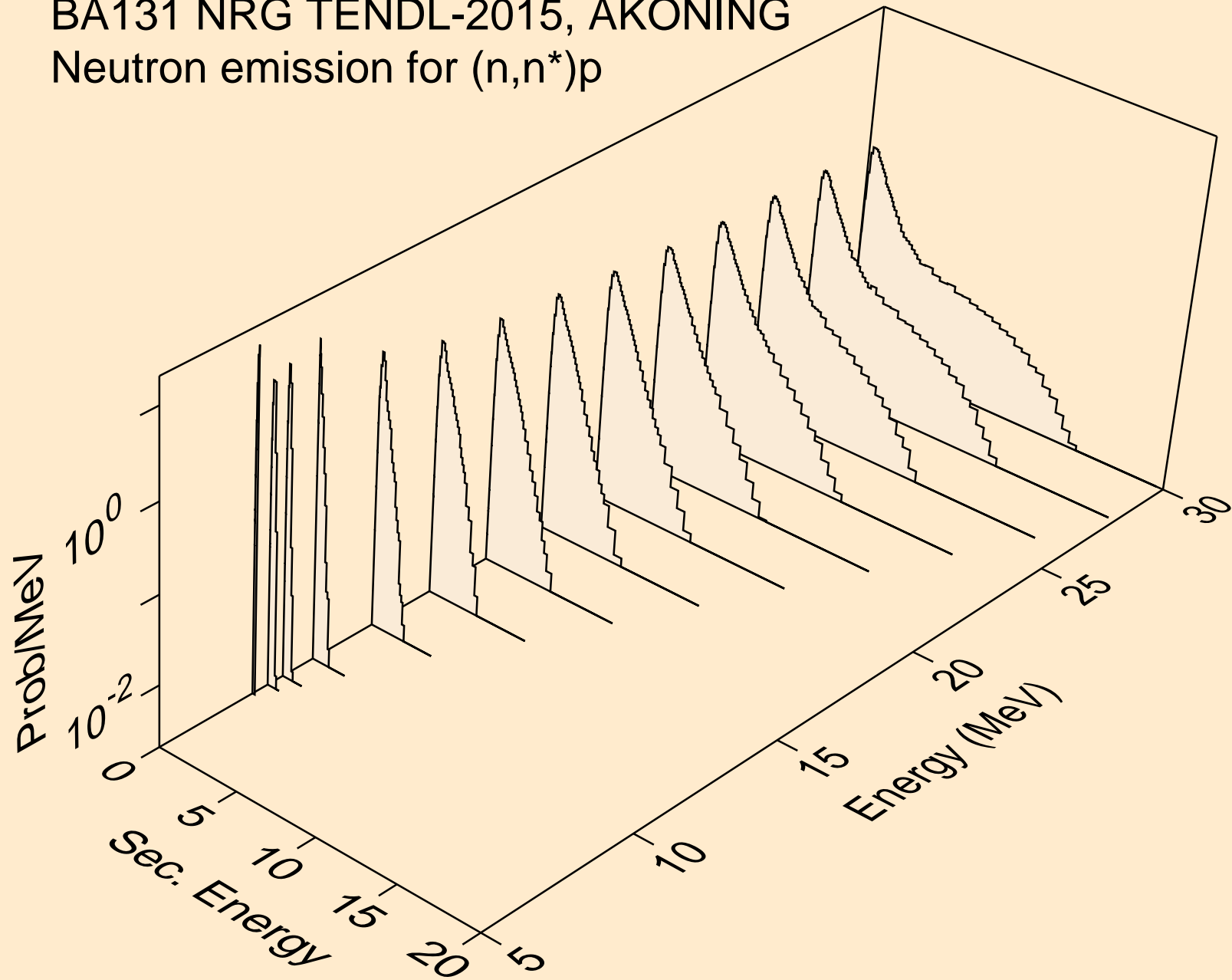




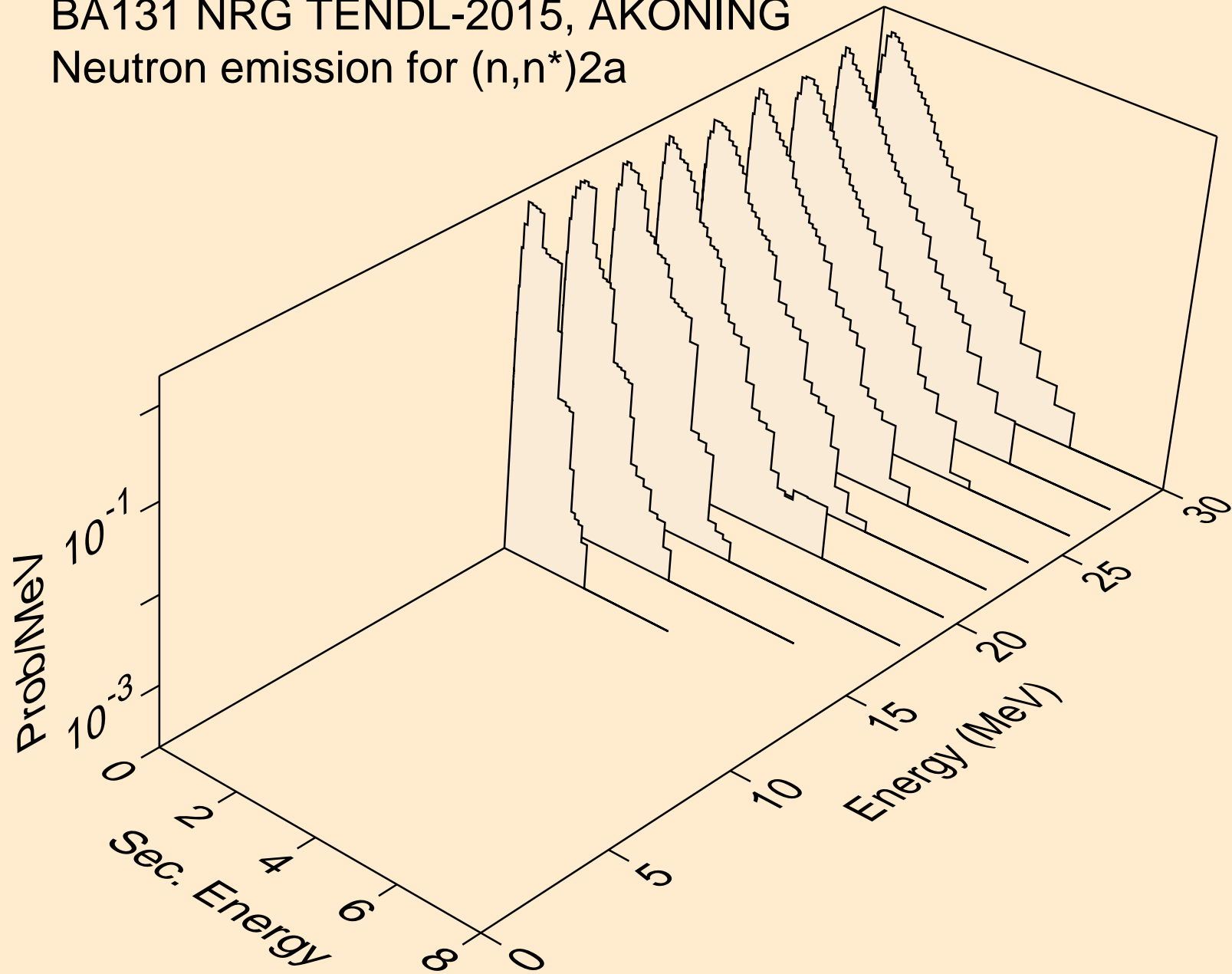
BA131 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



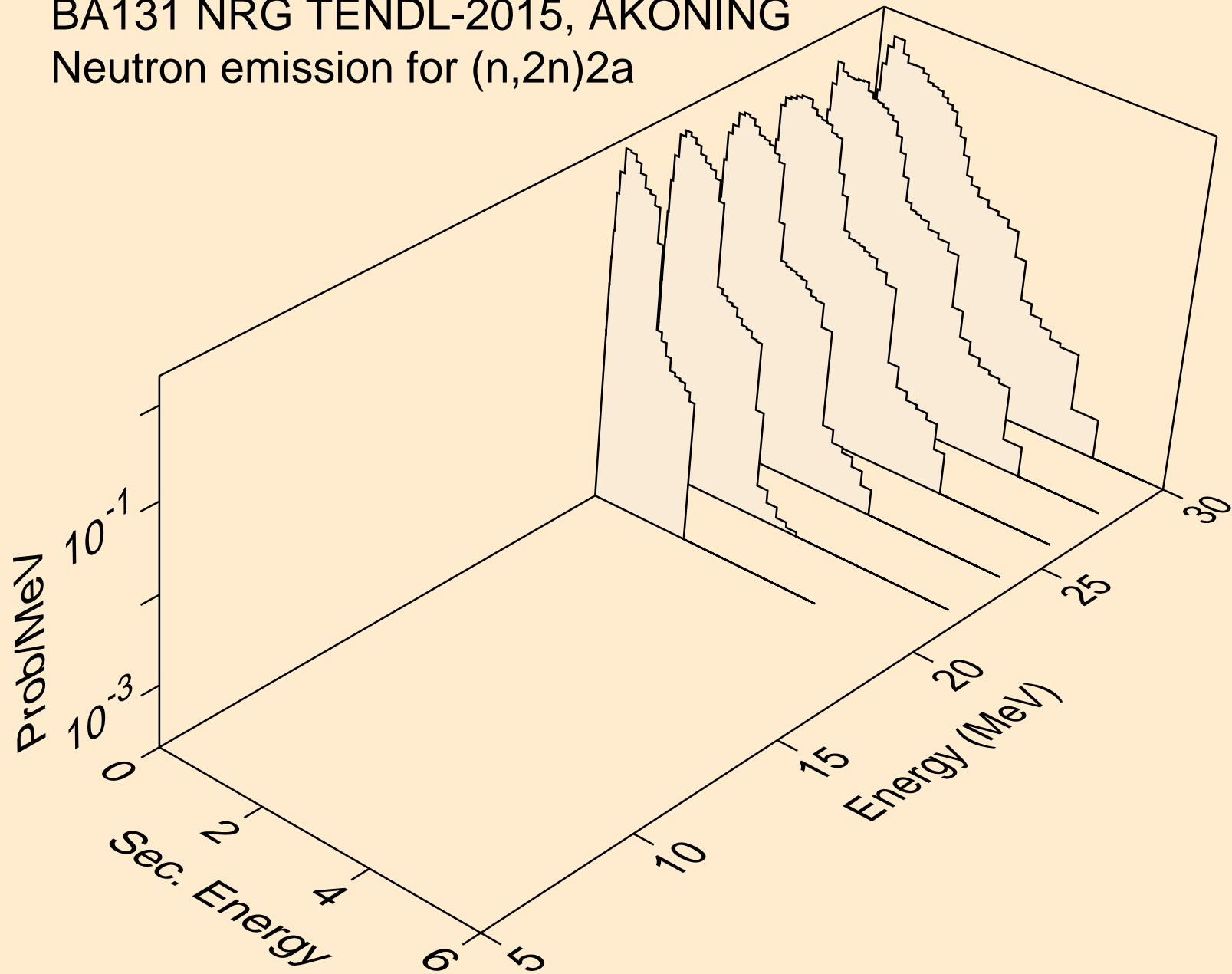
BA131 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



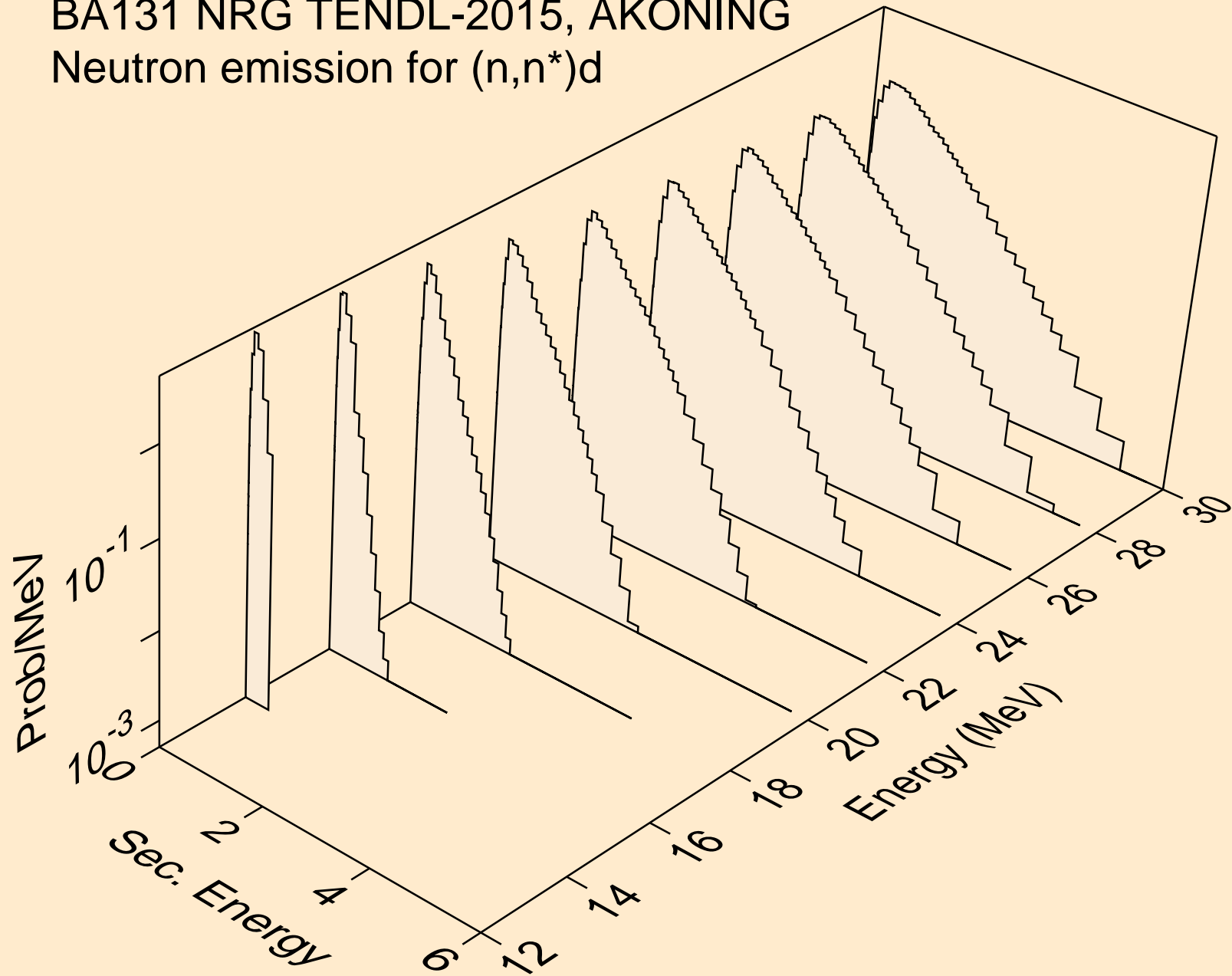
BA131 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



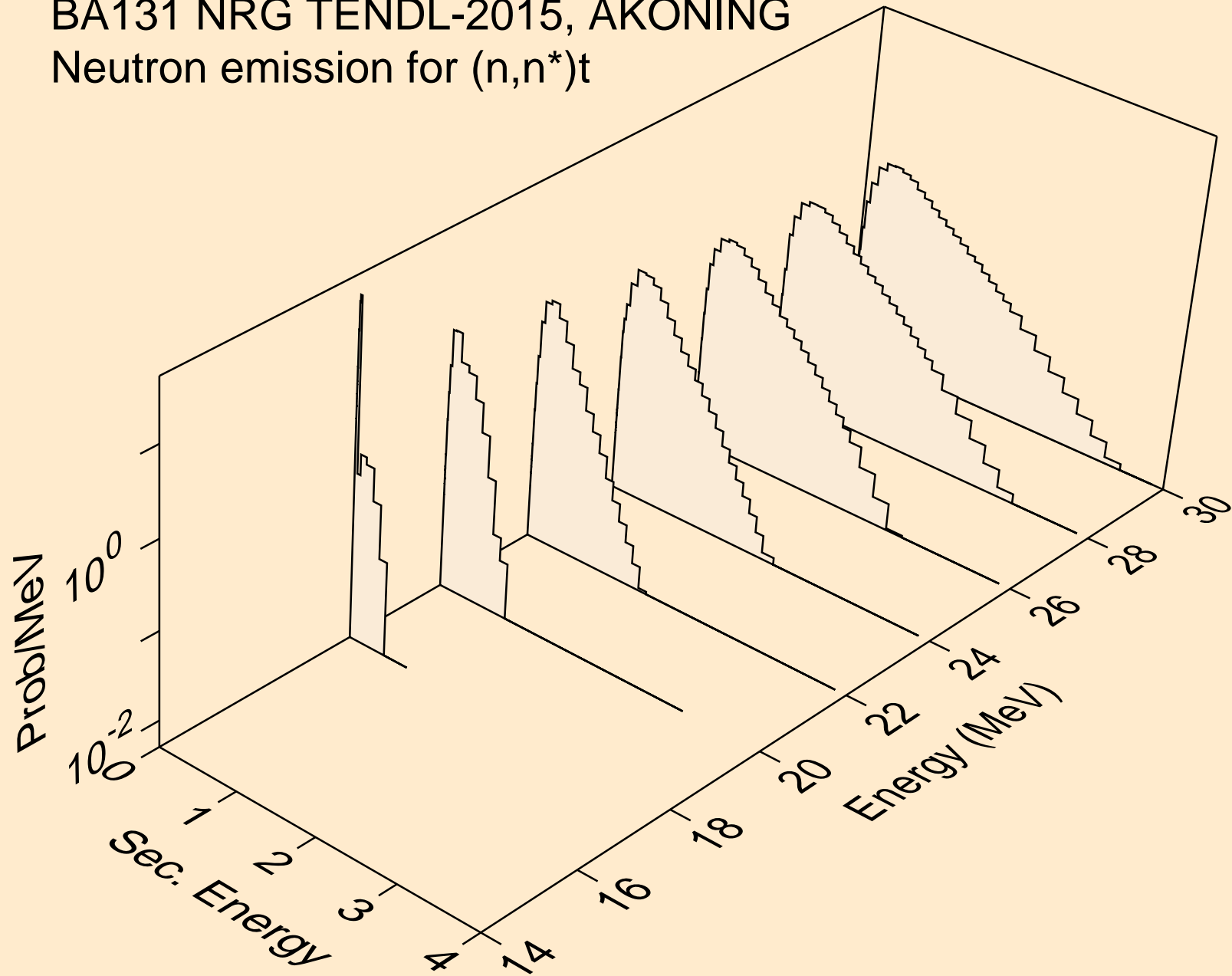
BA131 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



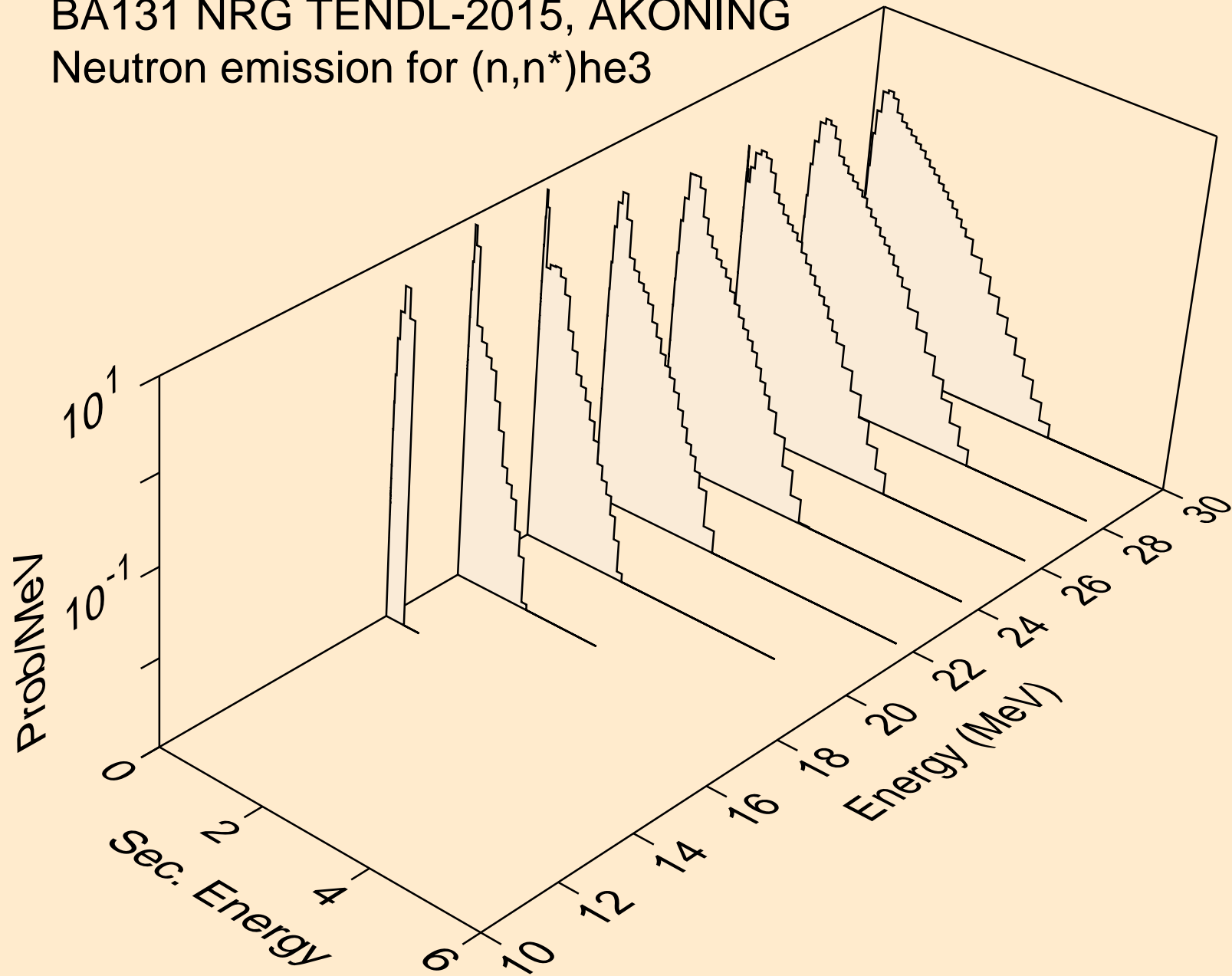
BA131 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



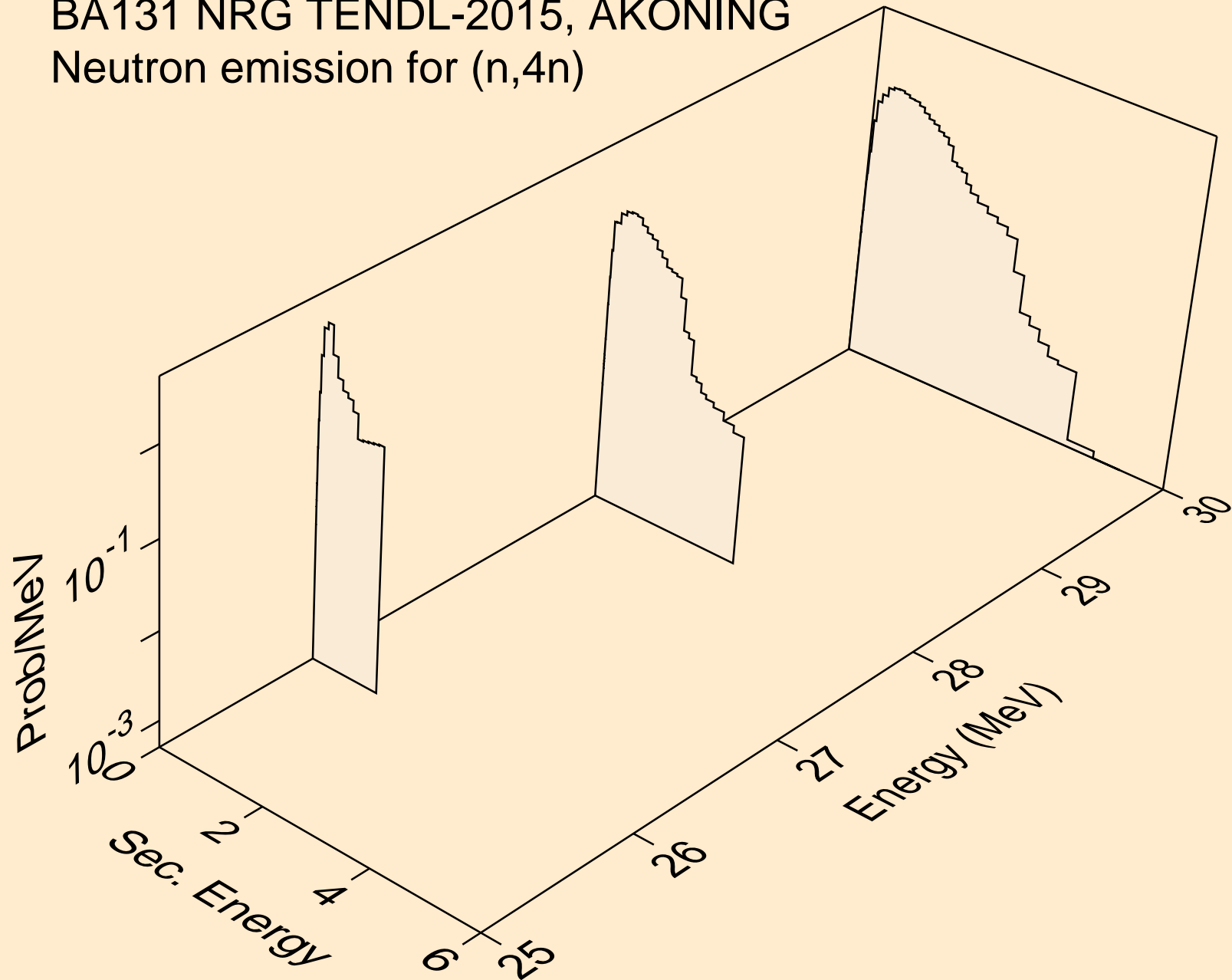
BA131 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



BA131 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3

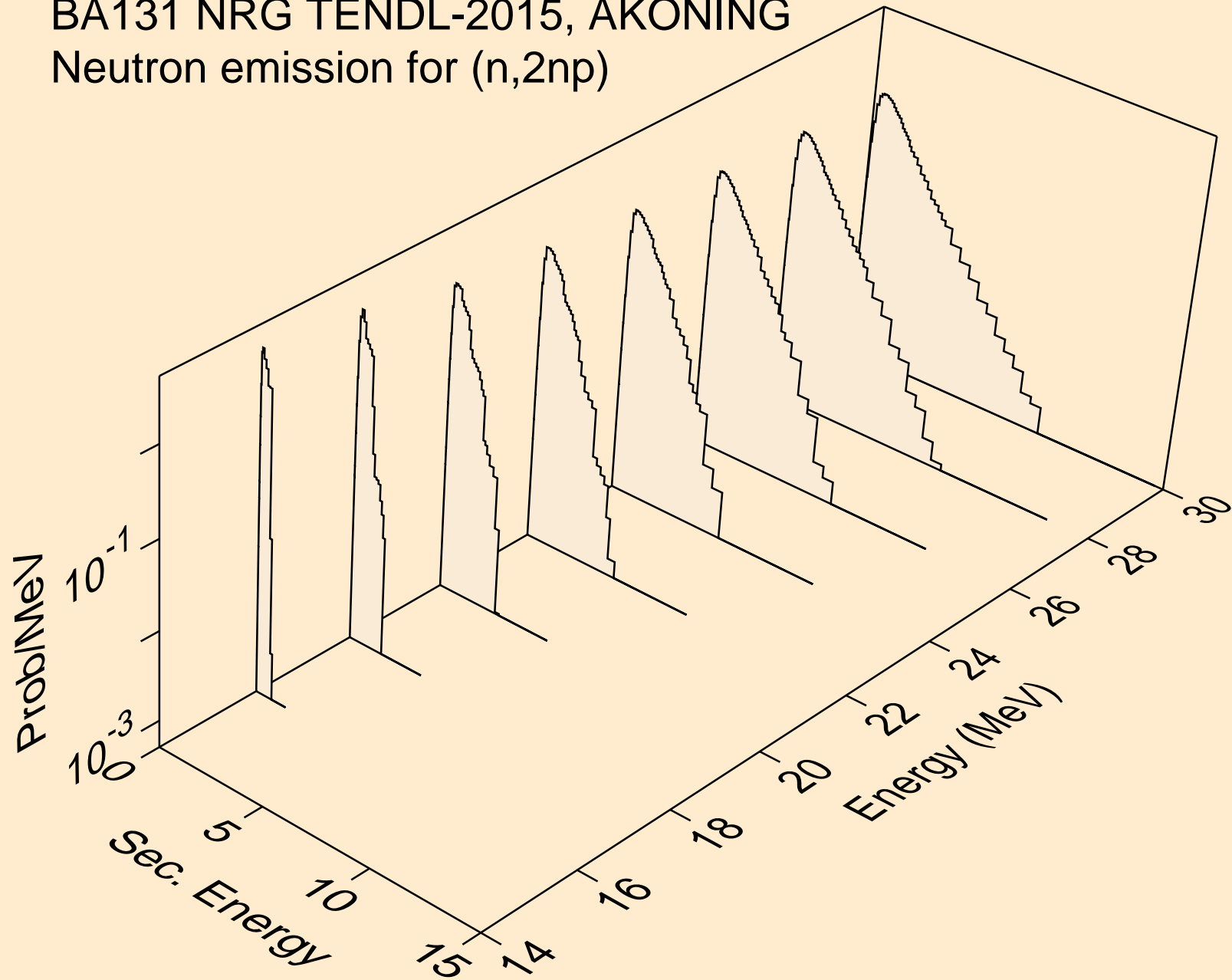


BA131 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)

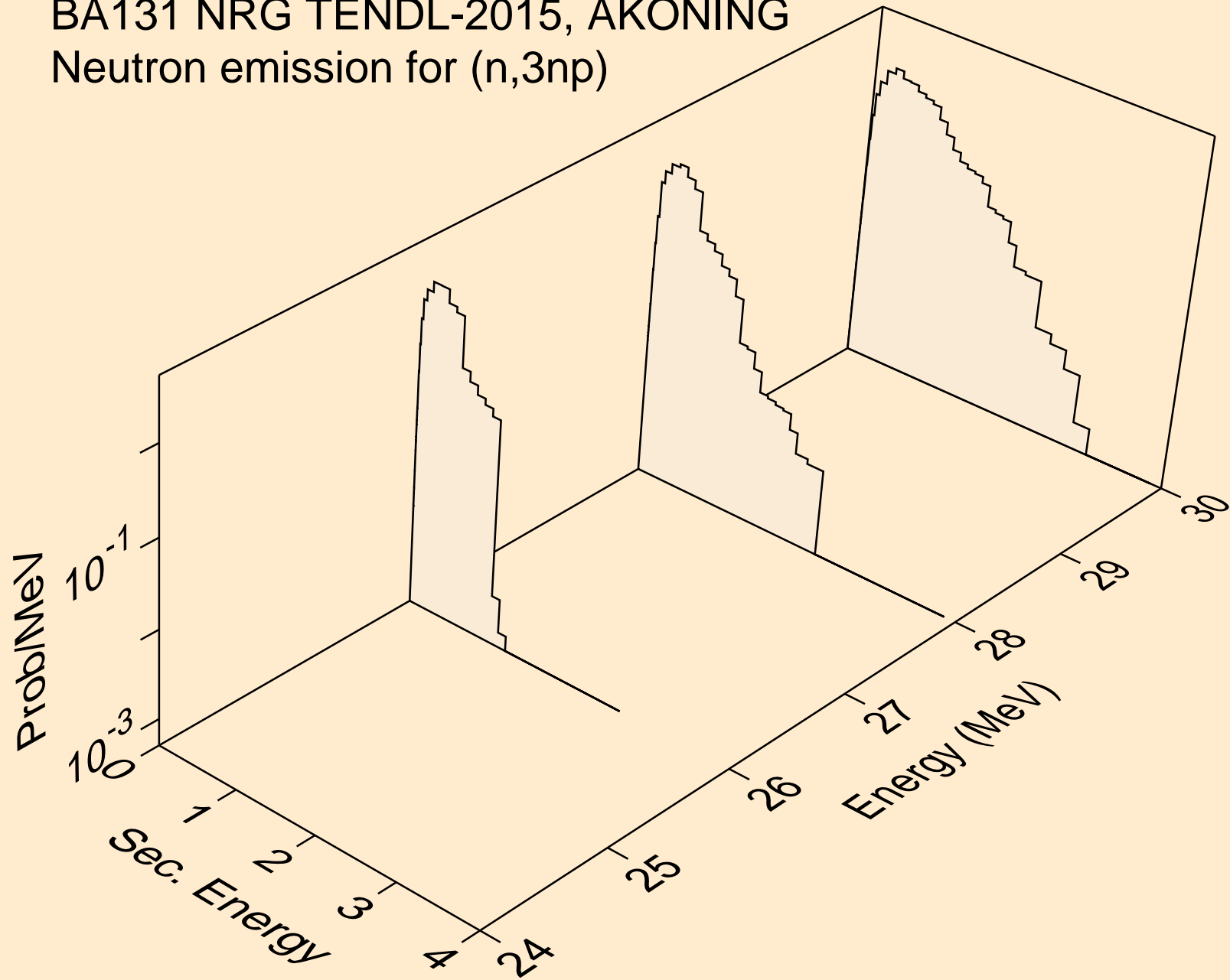




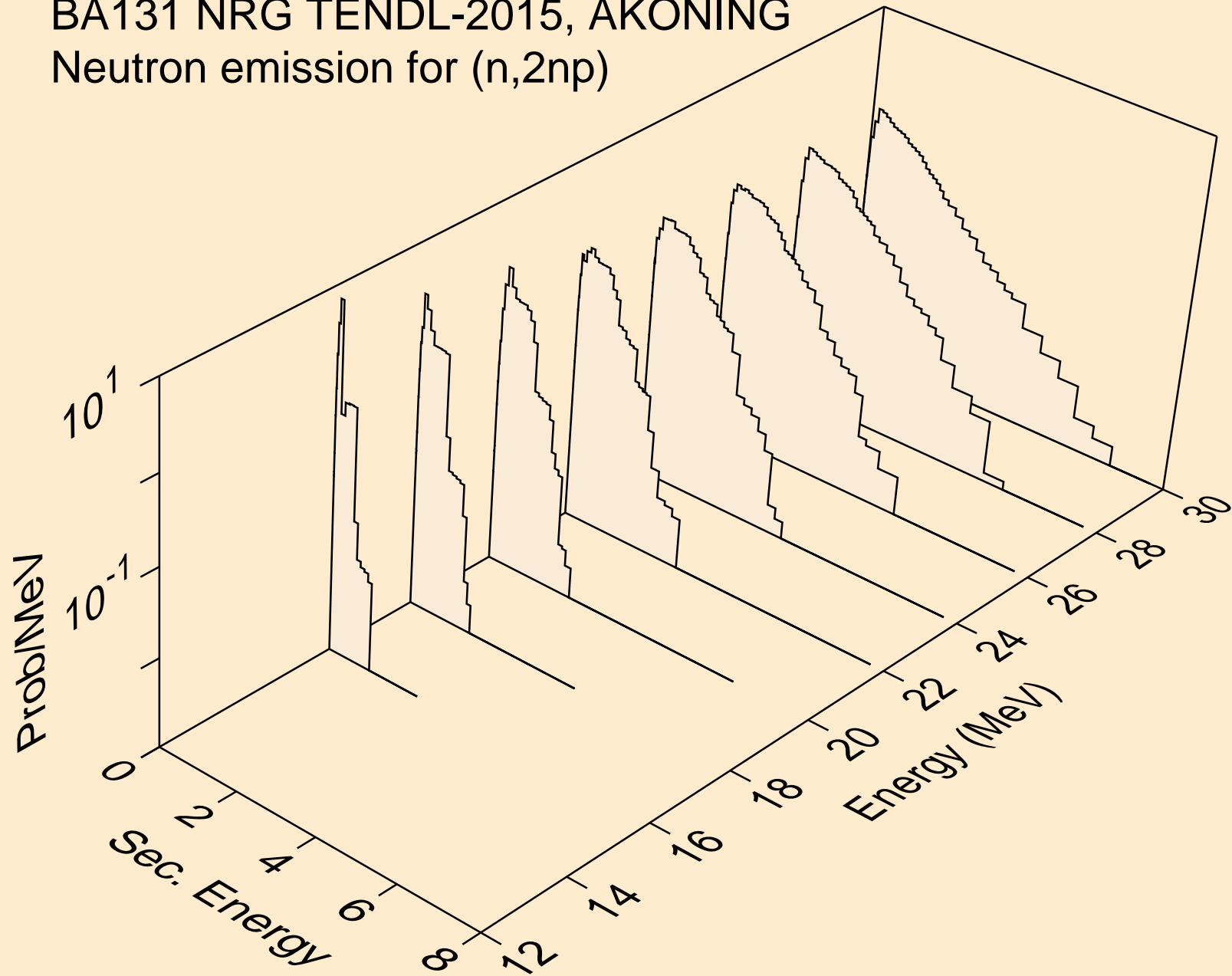
BA131 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



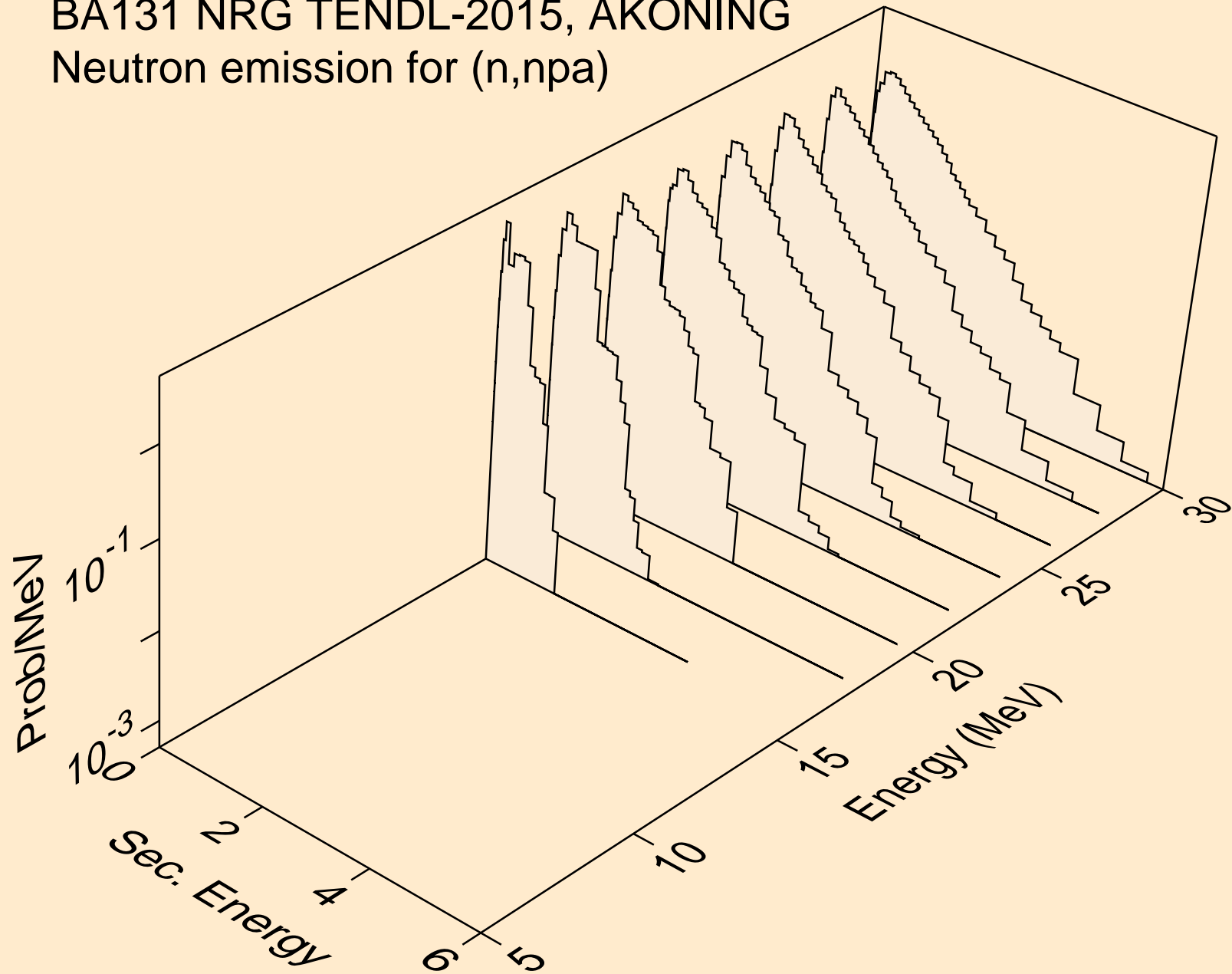
BA131 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



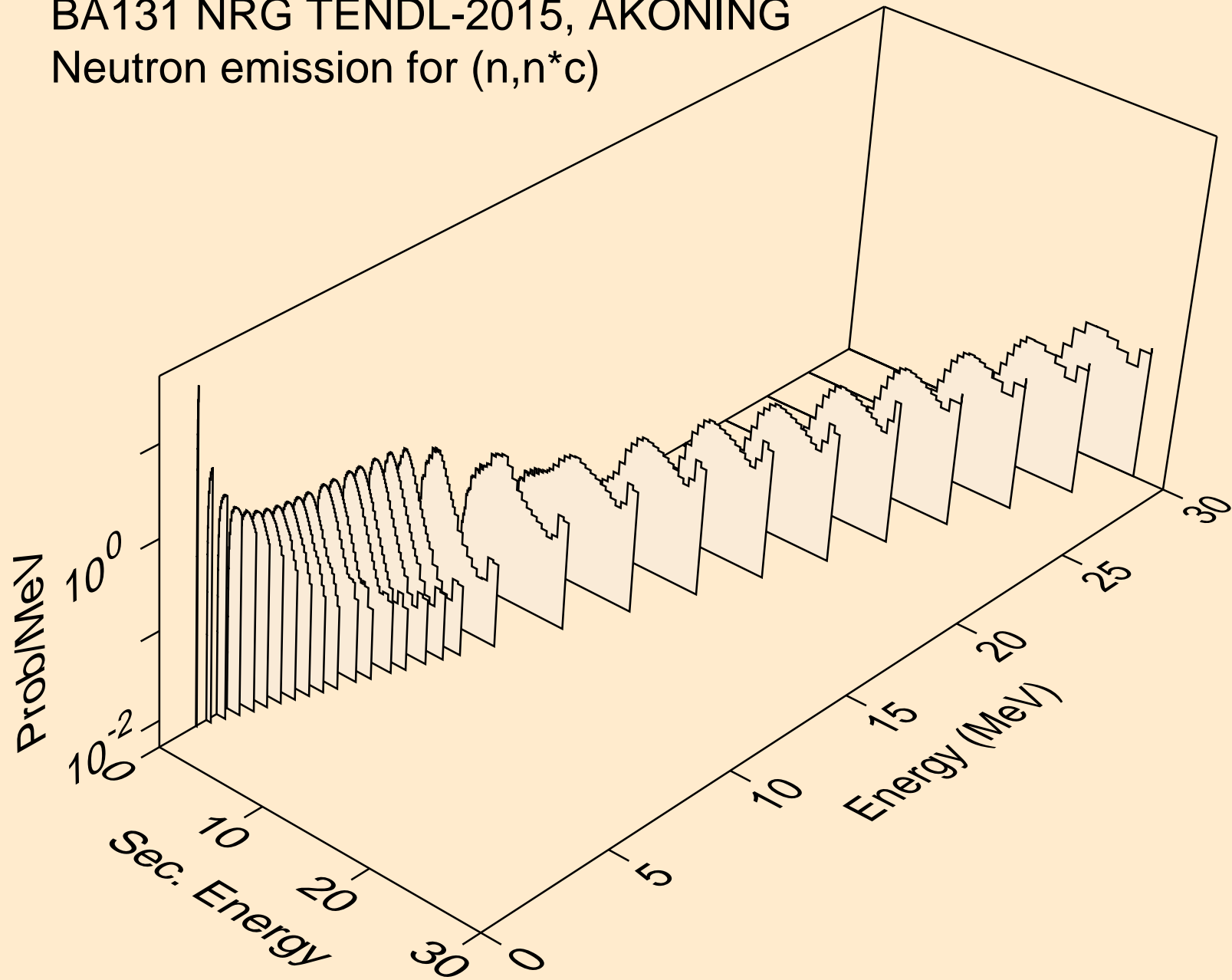
BA131 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



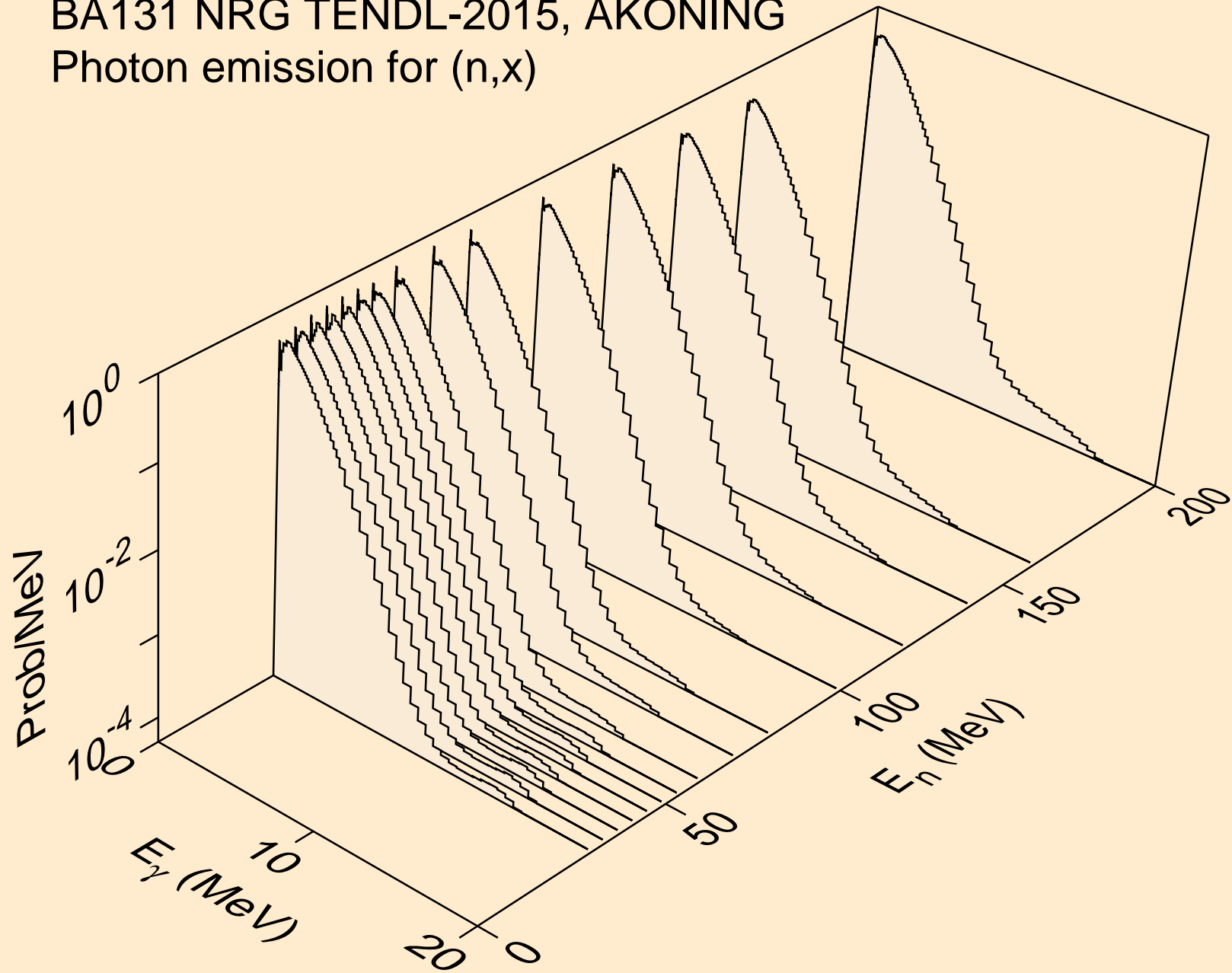
BA131 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



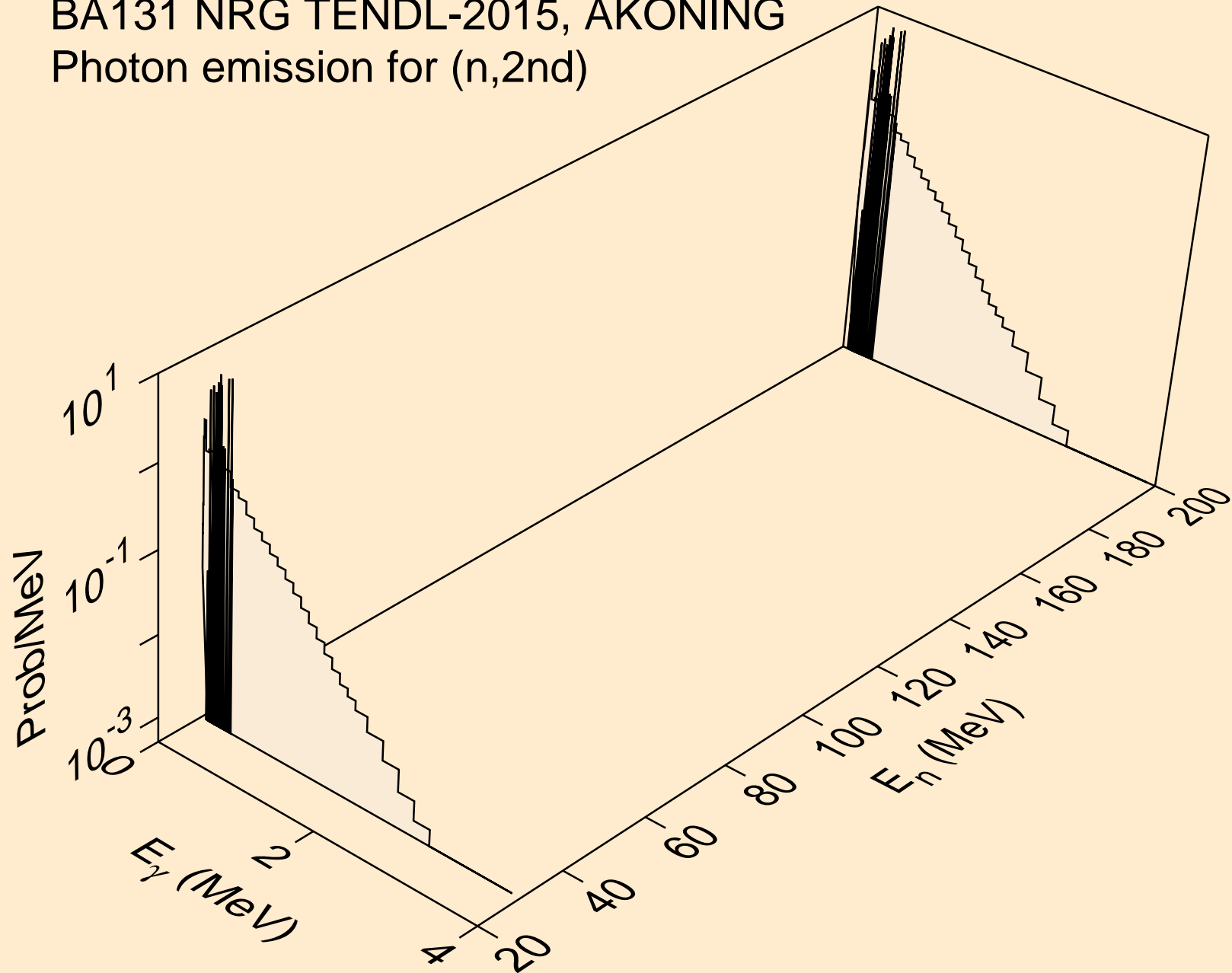
BA131 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



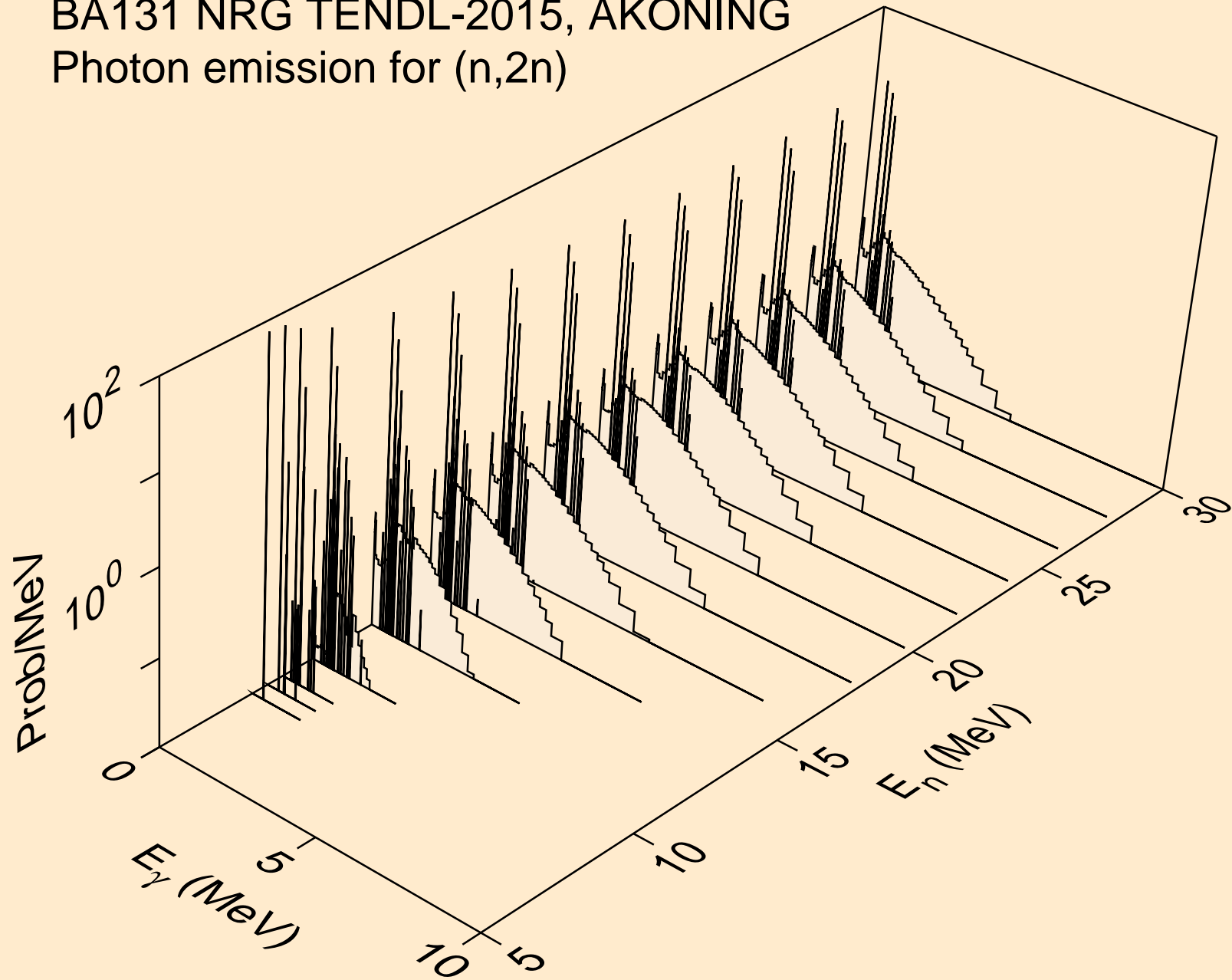
BA131 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



BA131 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)

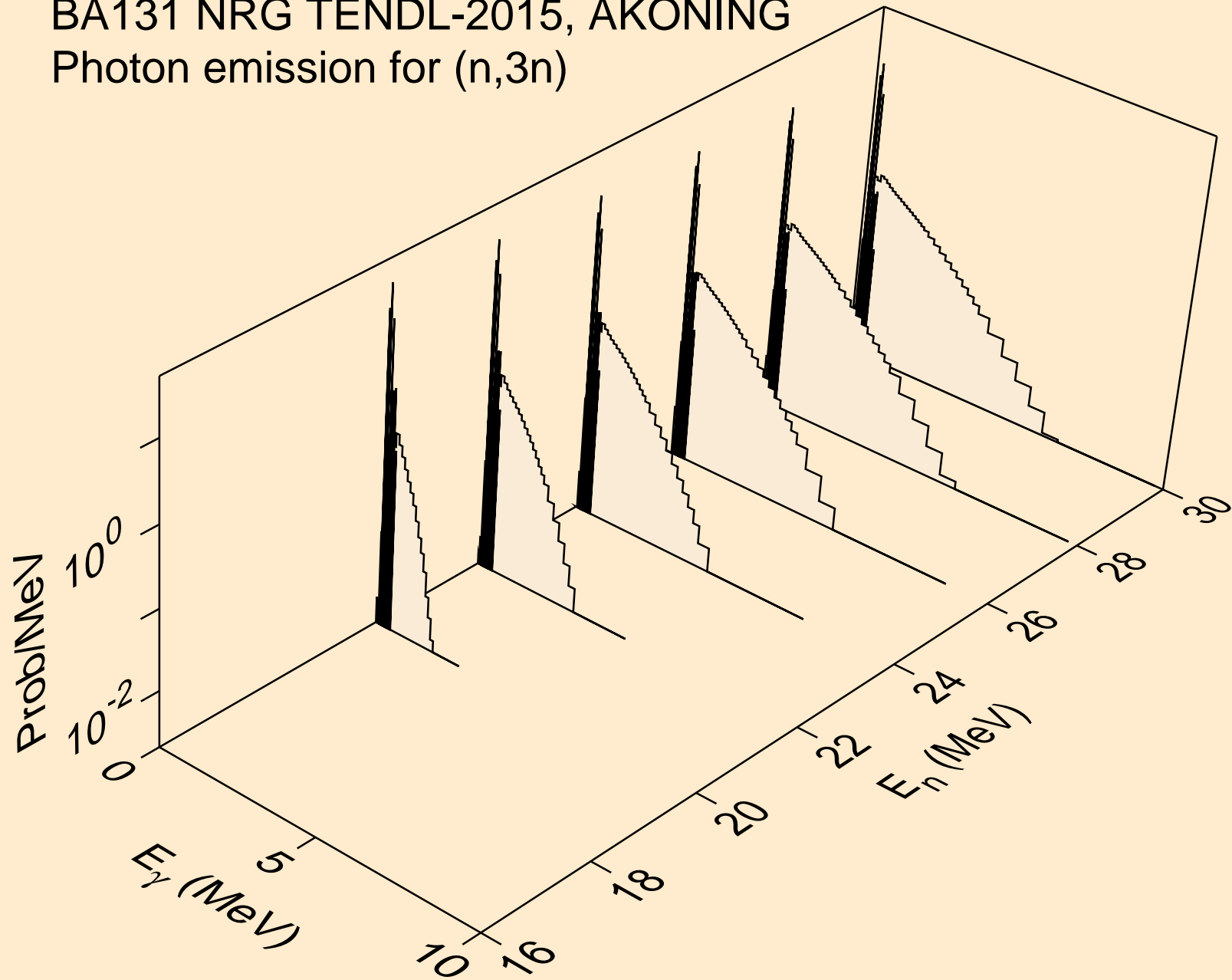


BA131 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)

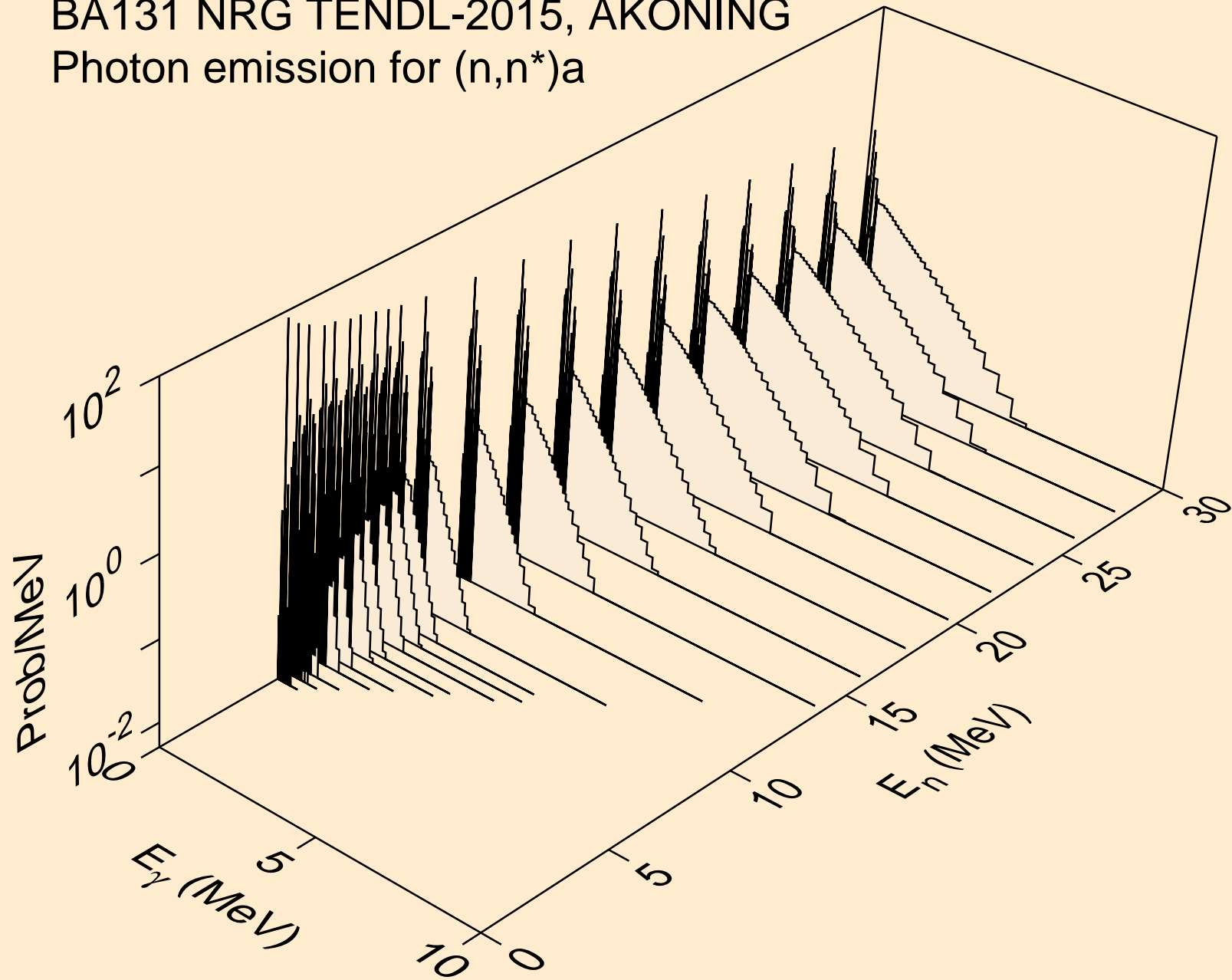




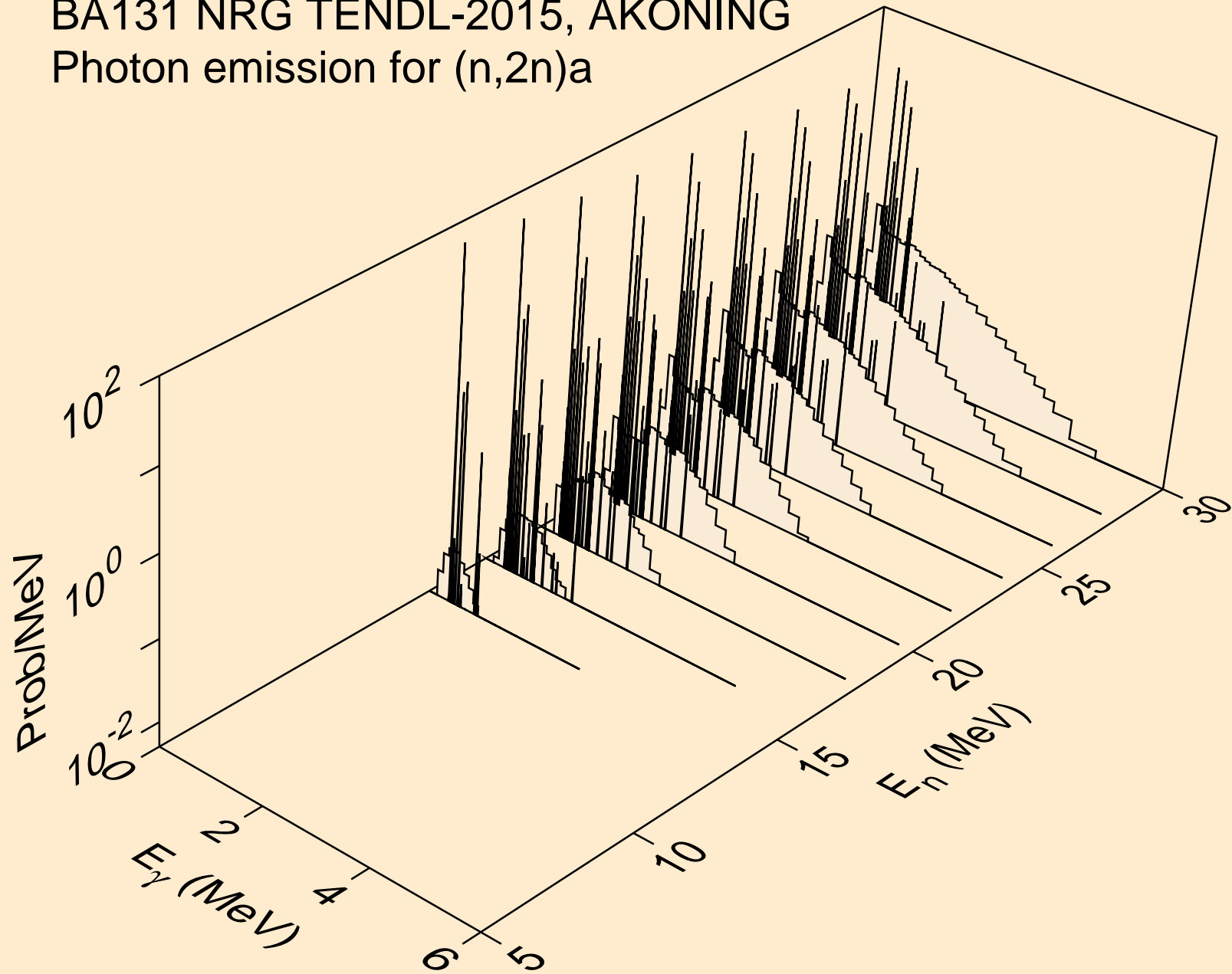
BA131 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



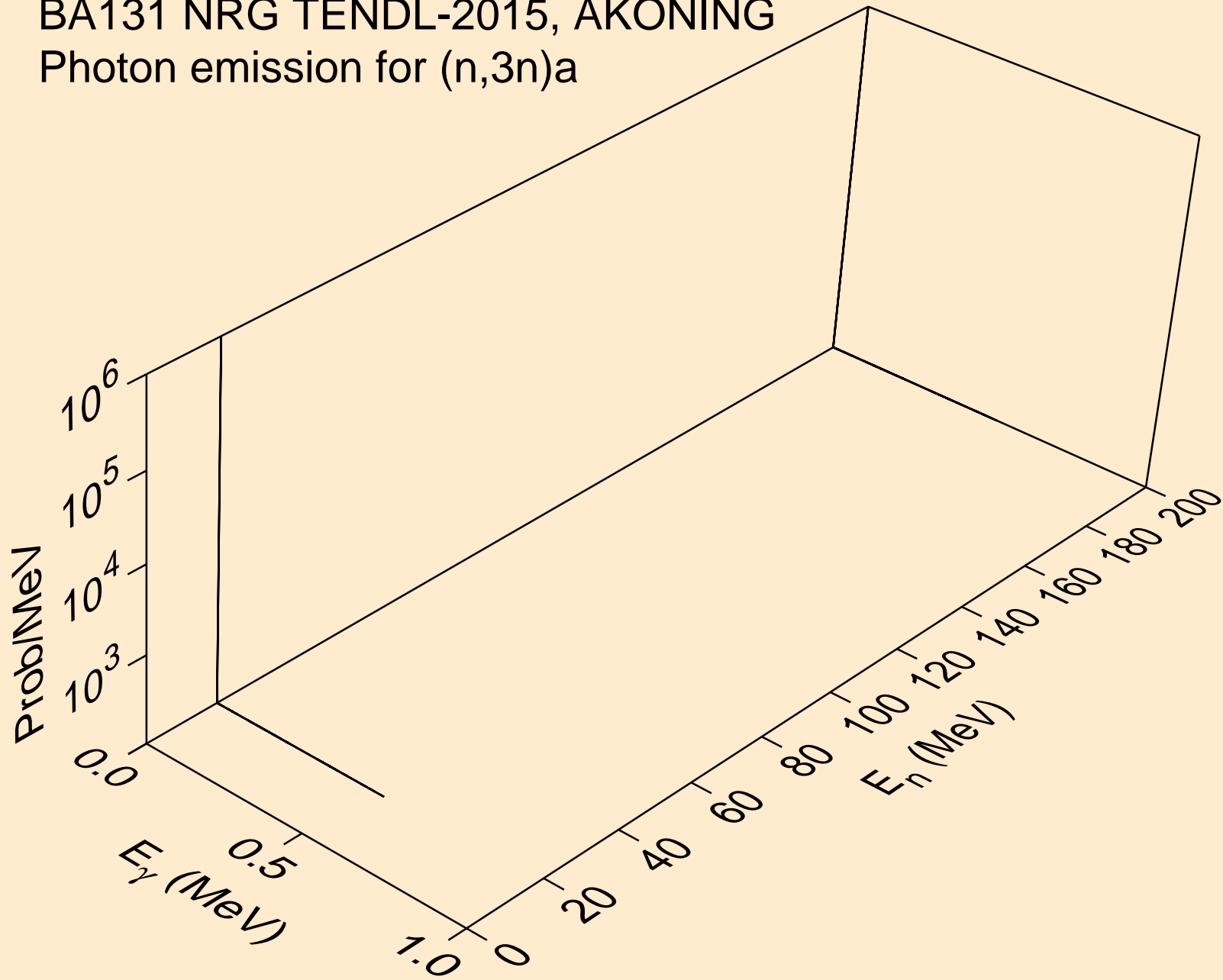
BA131 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



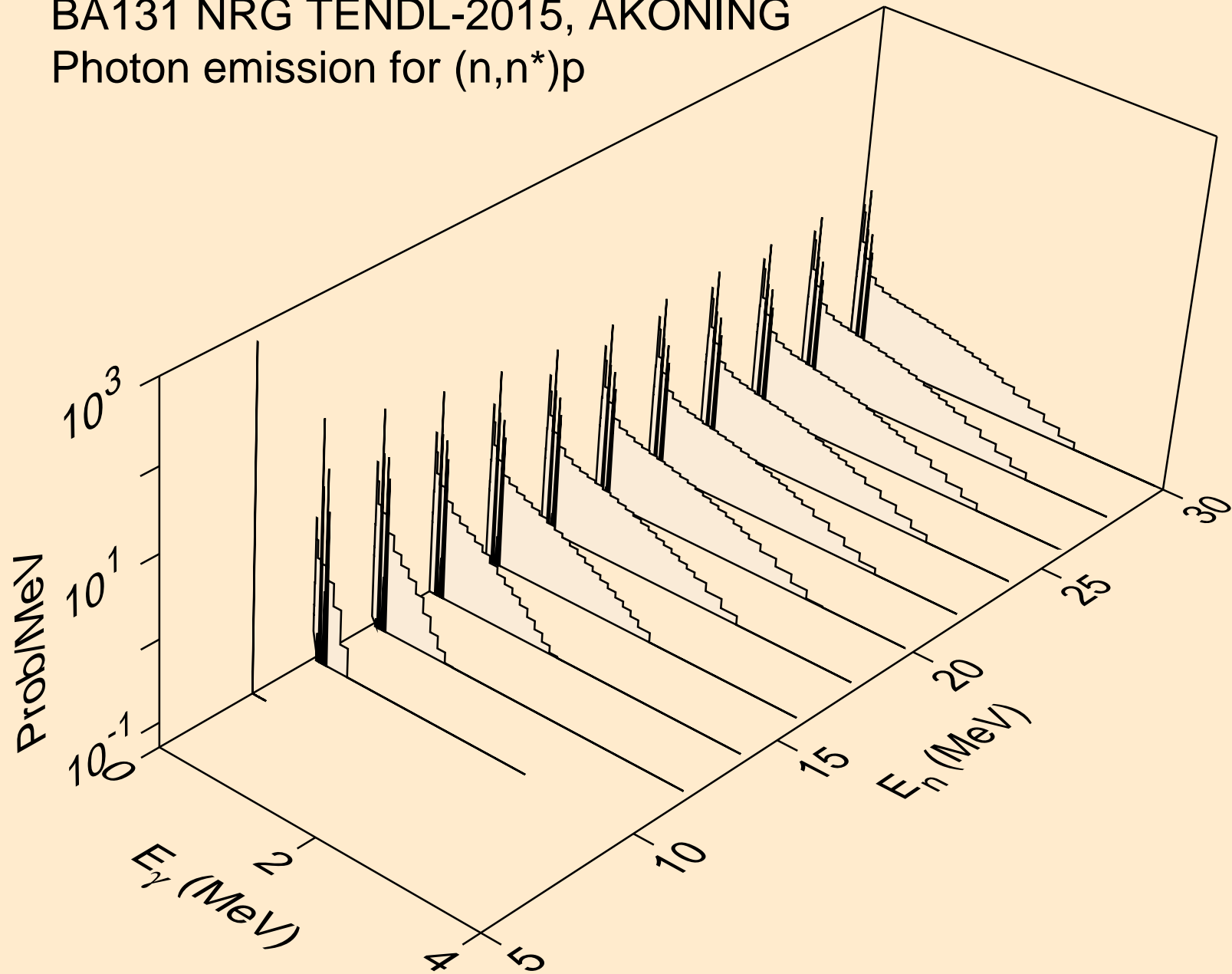
BA131 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



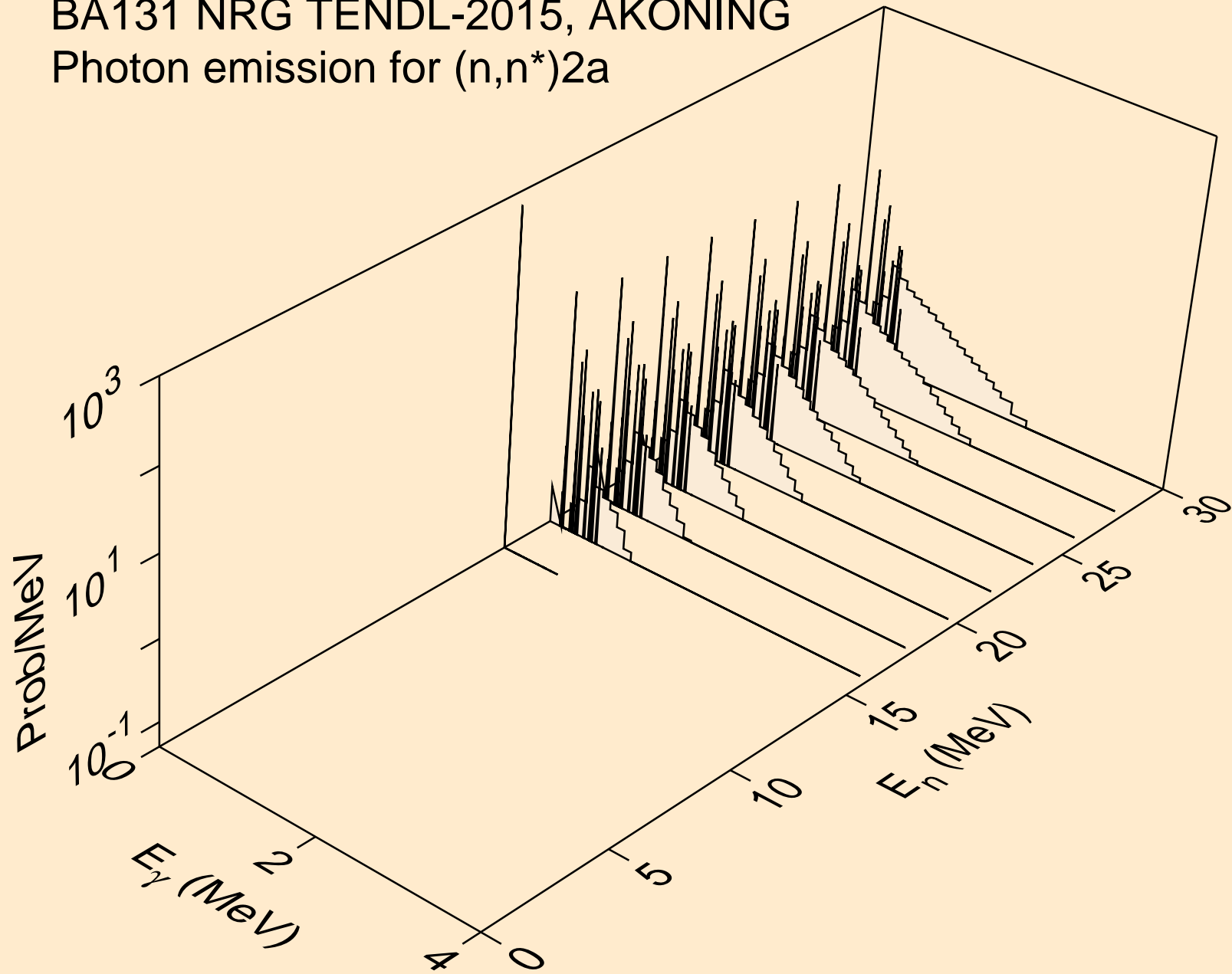
BA131 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



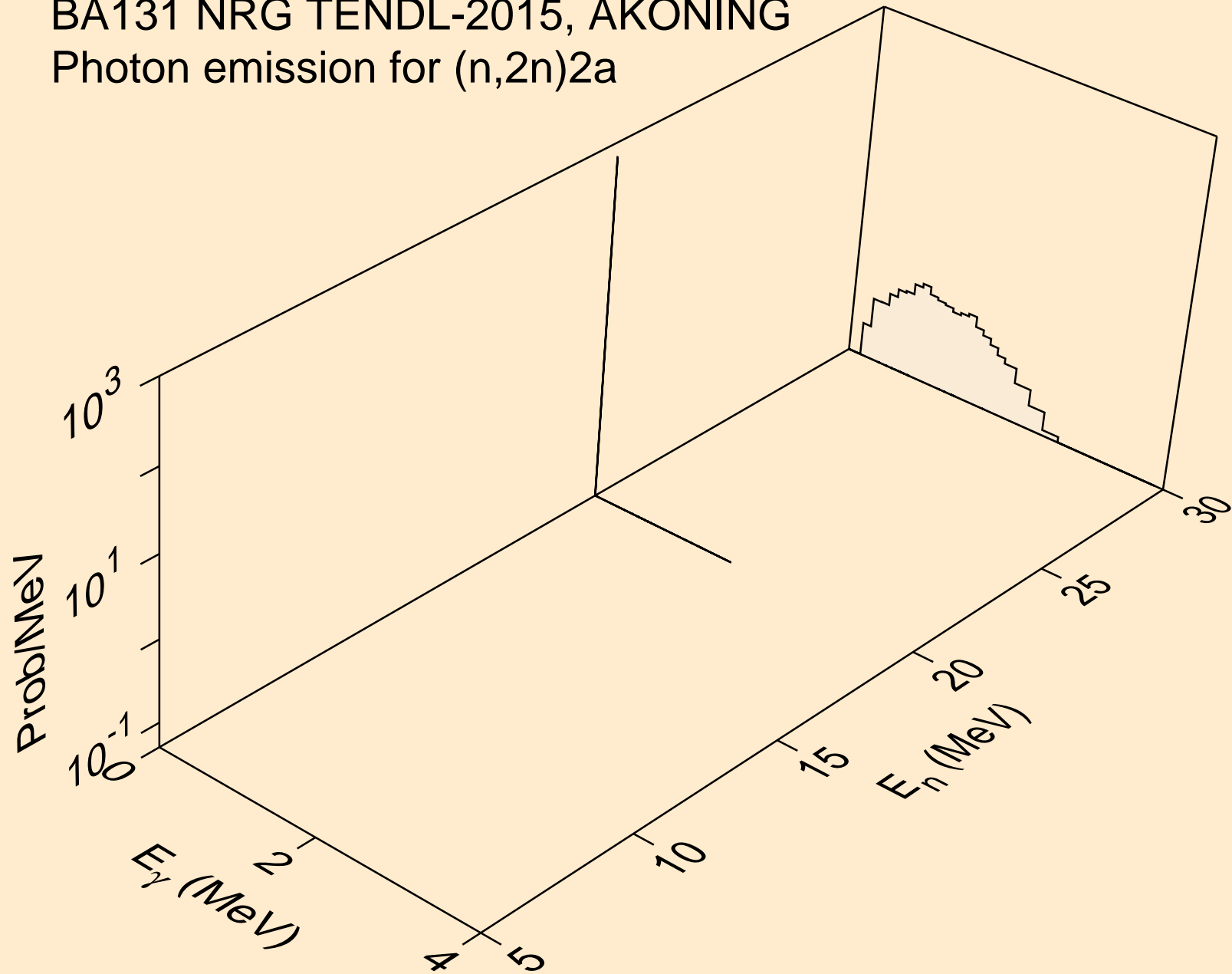
BA131 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



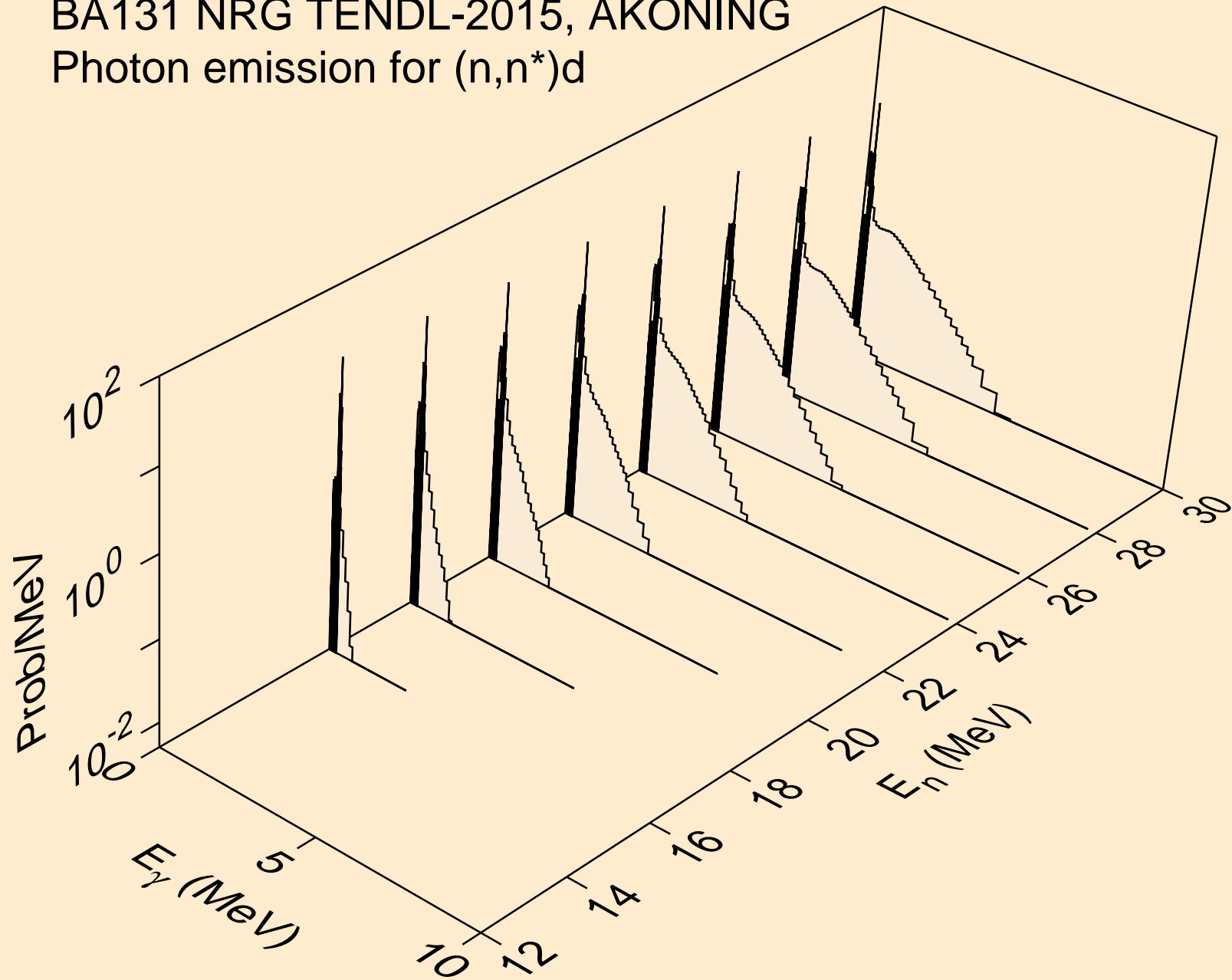
BA131 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



BA131 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a

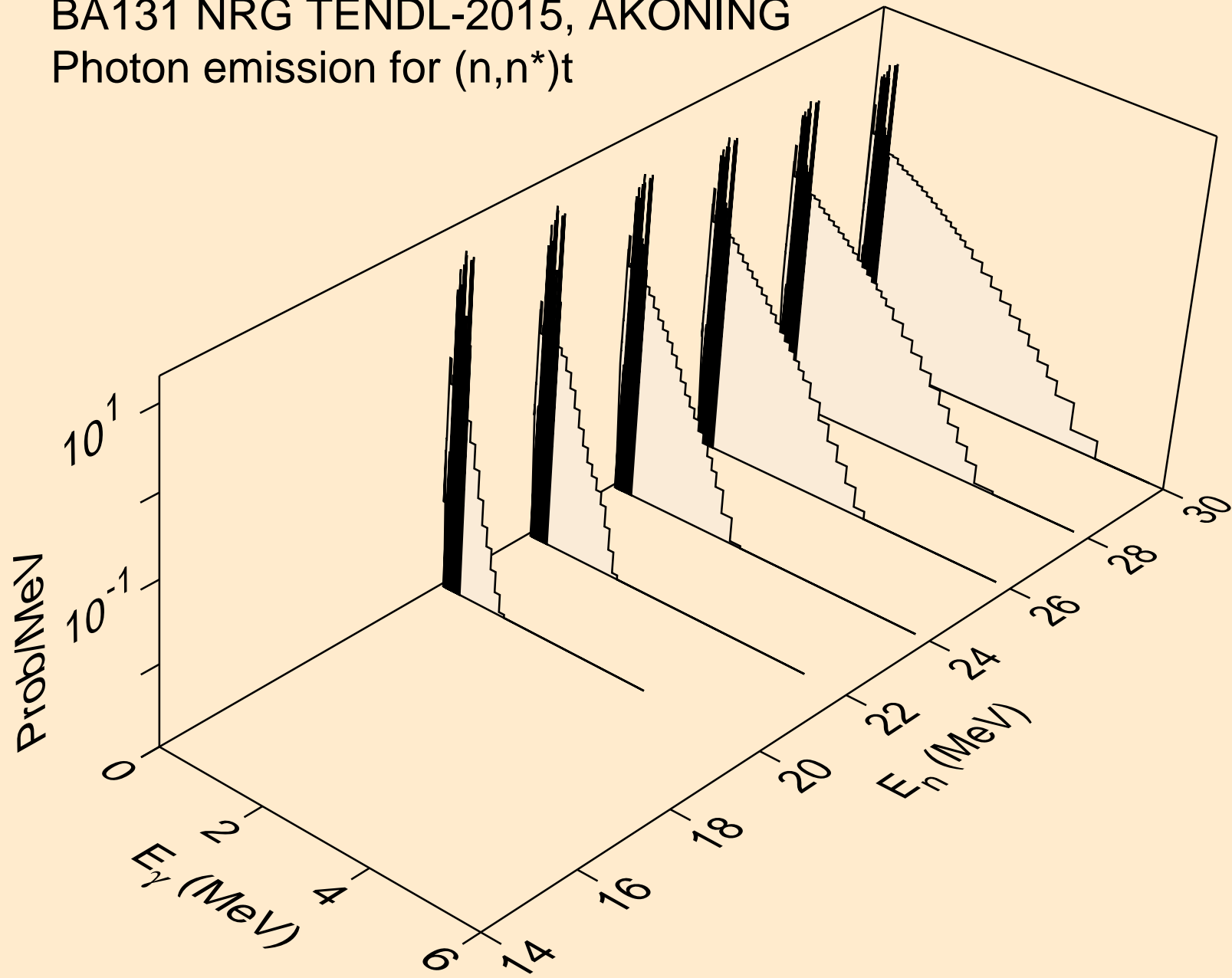


BA131 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d

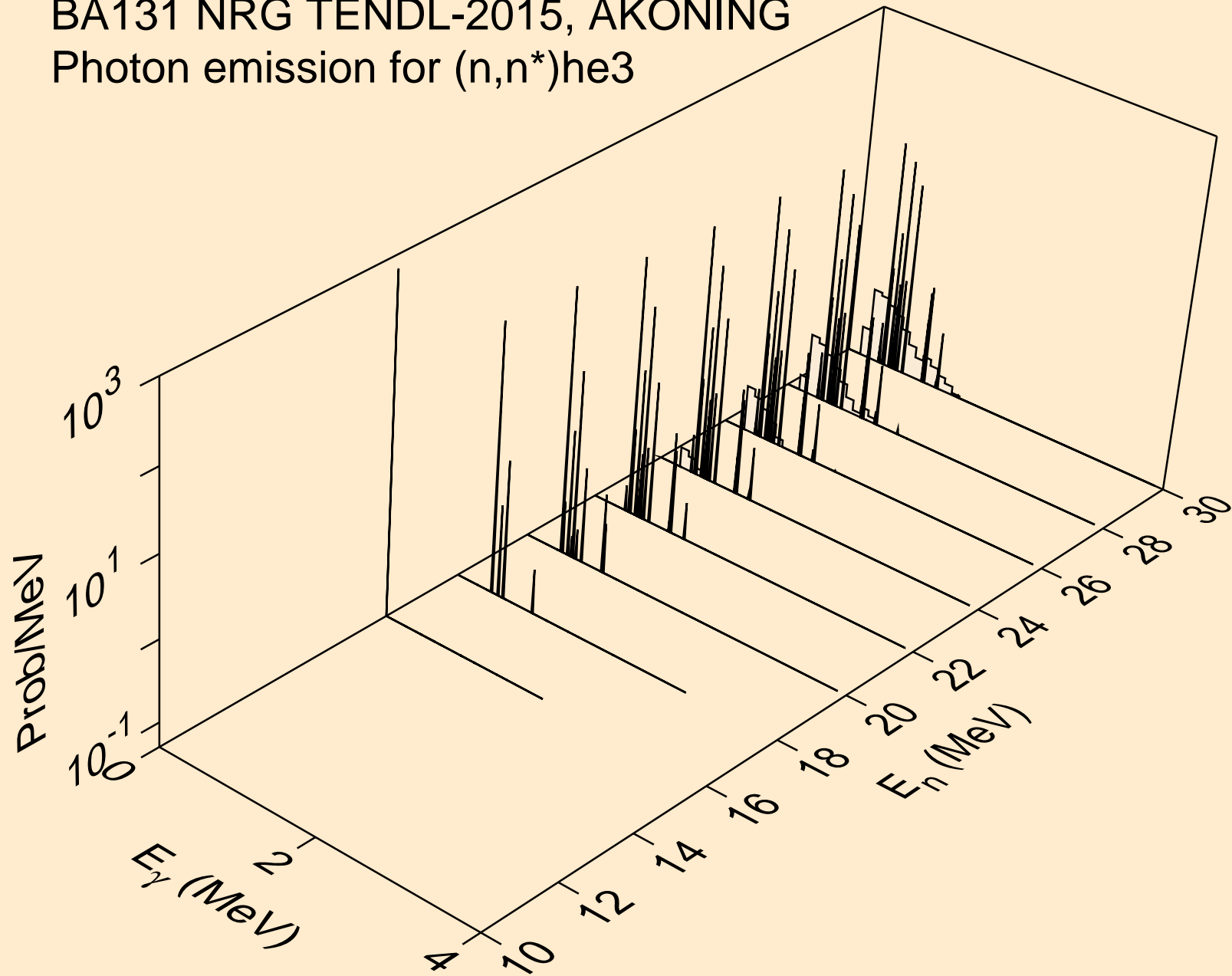




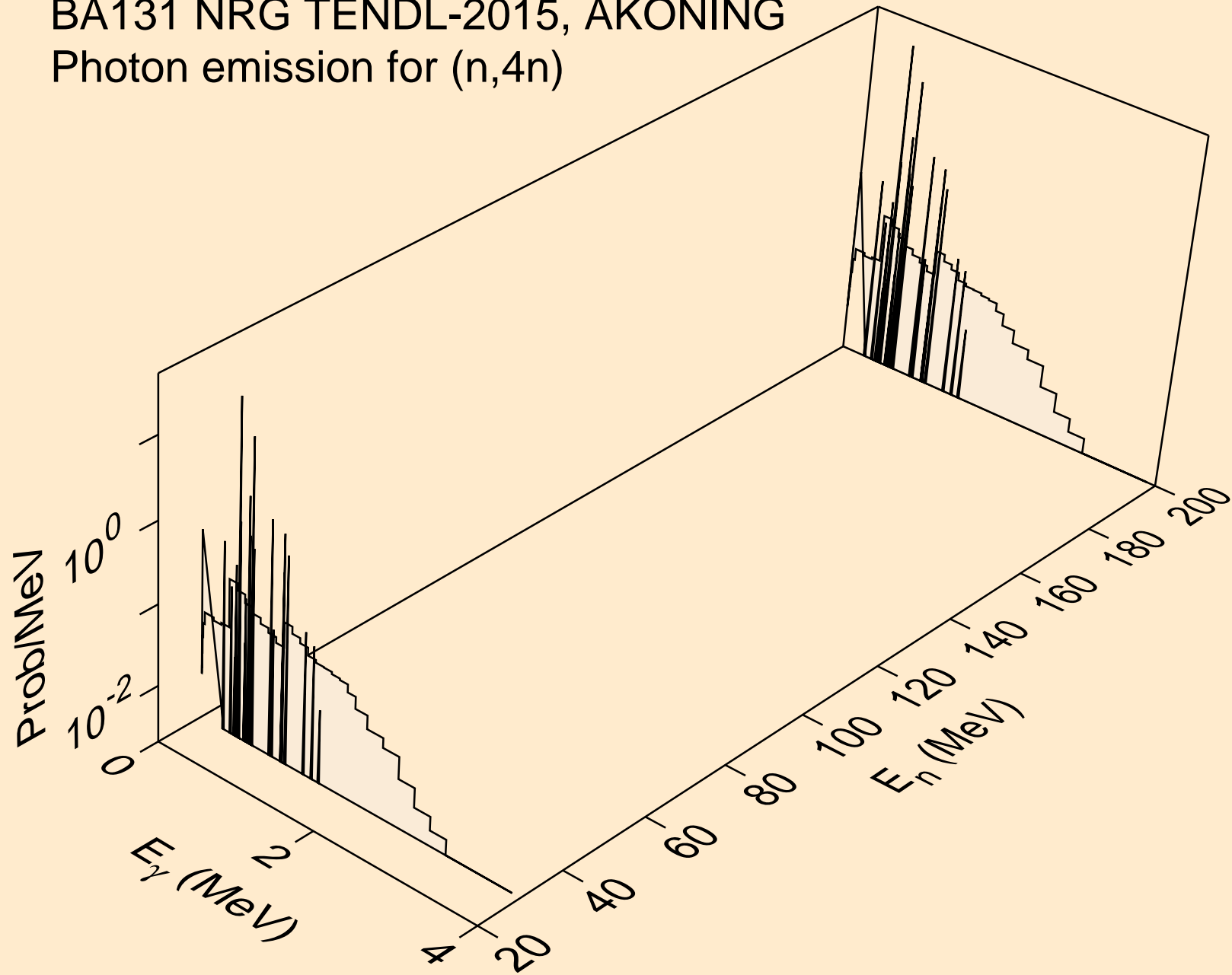
BA131 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



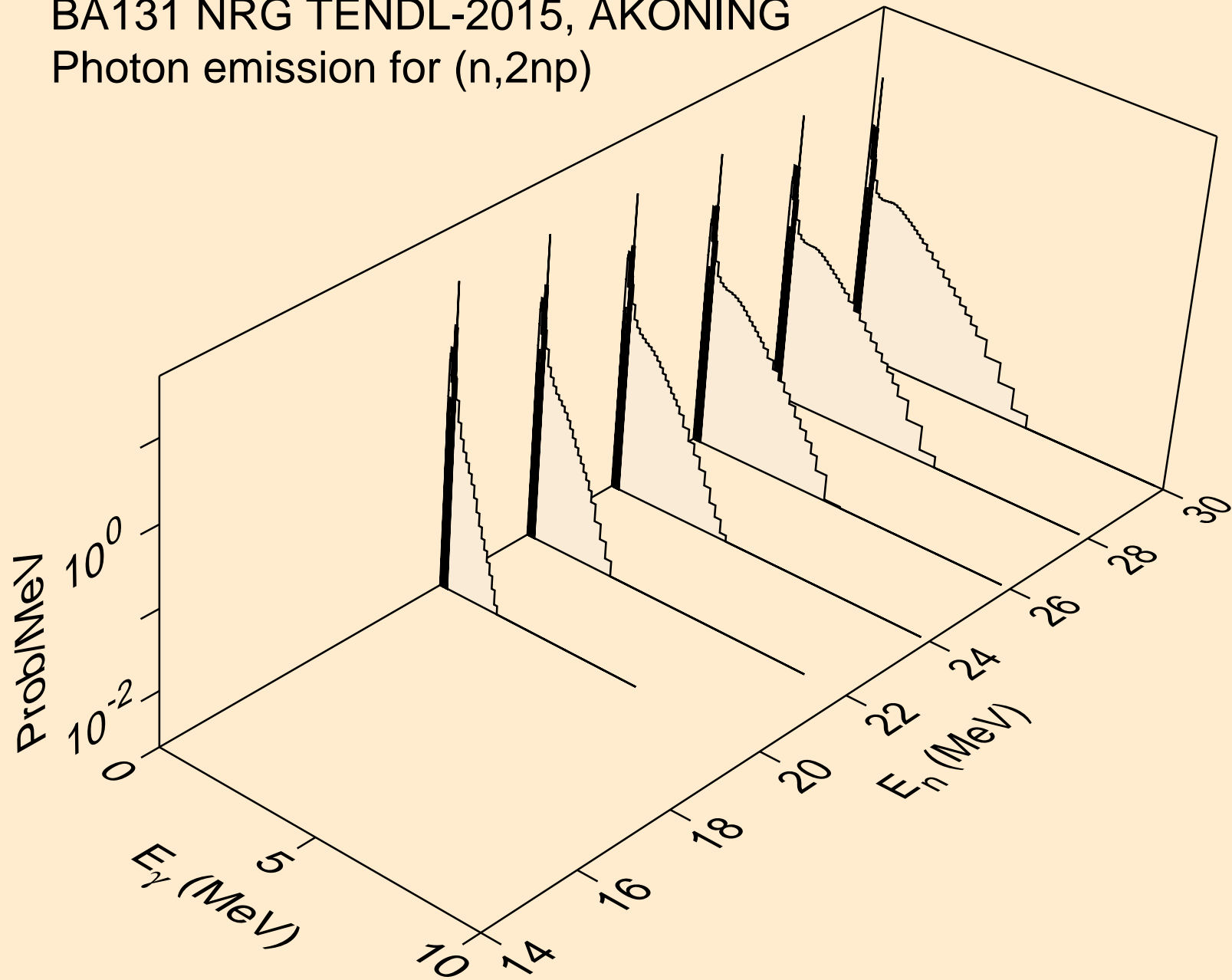
BA131 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



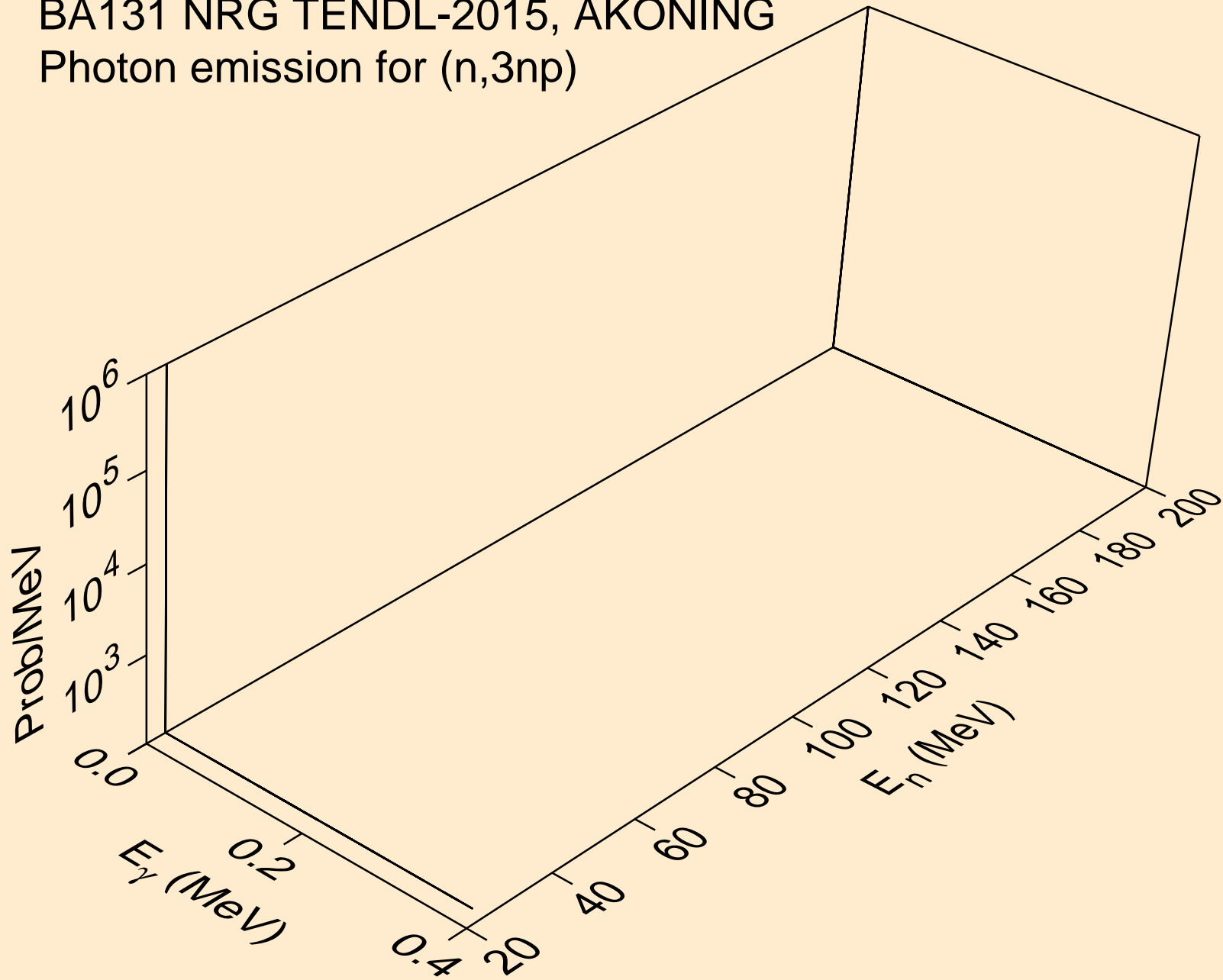
BA131 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



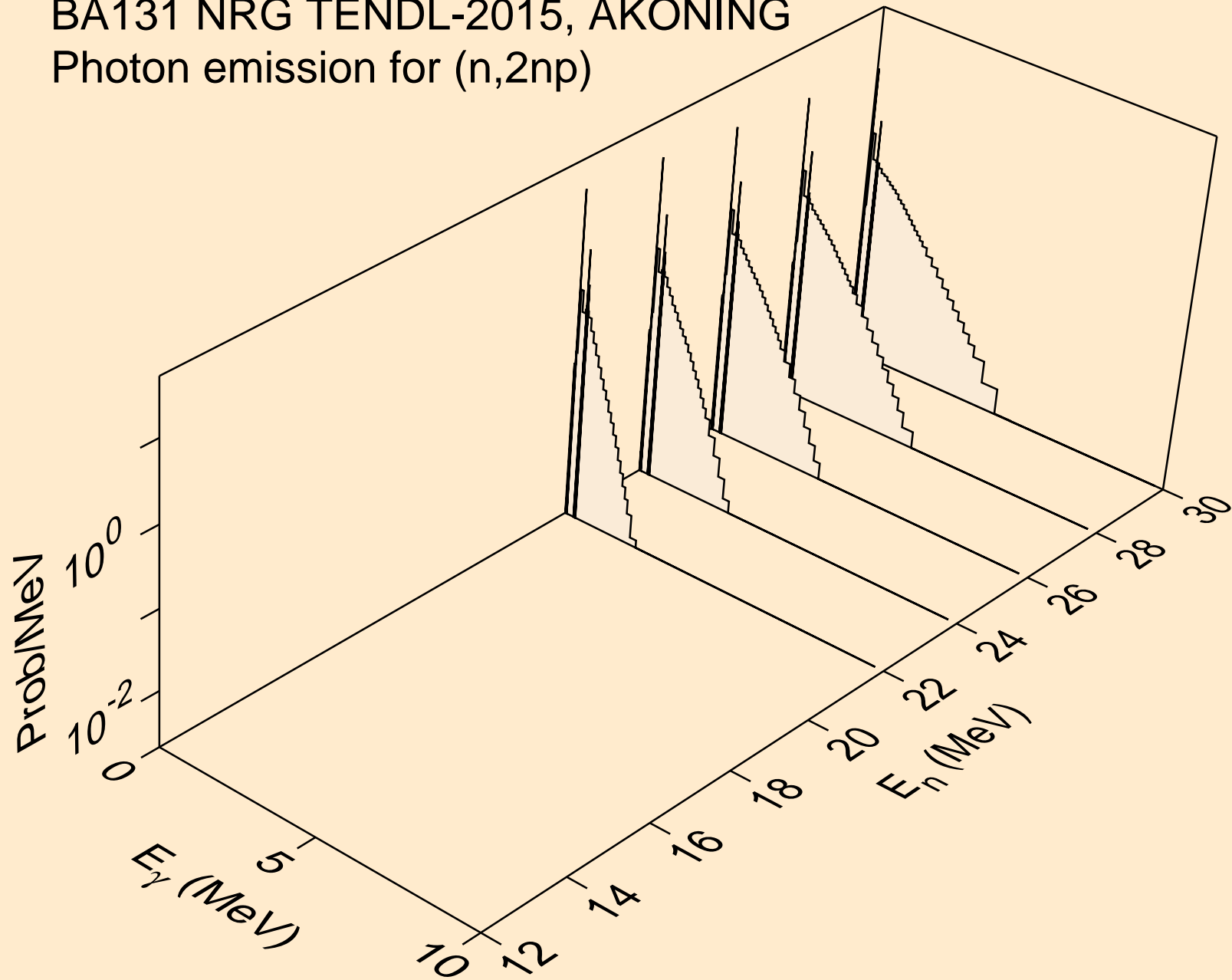
BA131 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



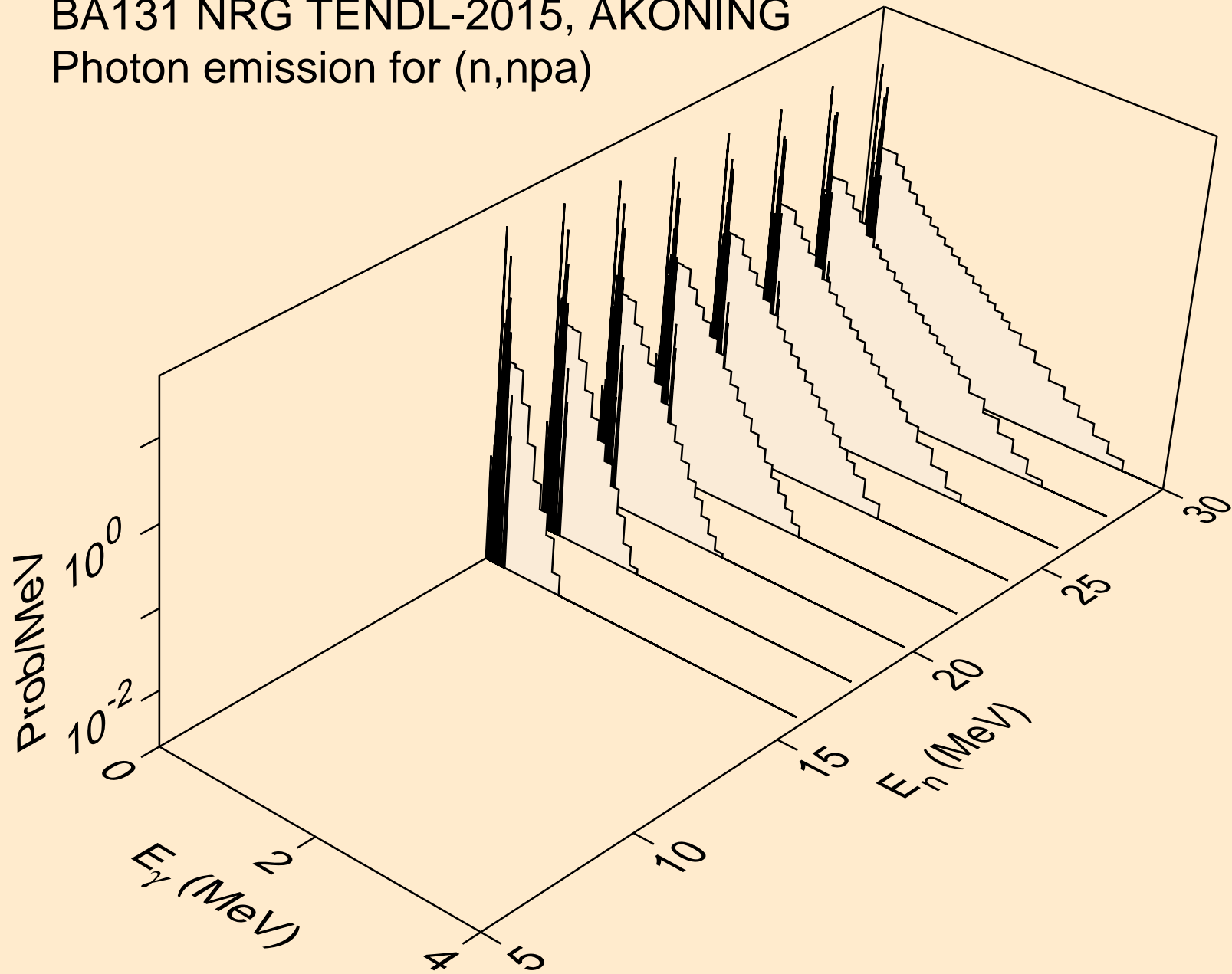
BA131 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



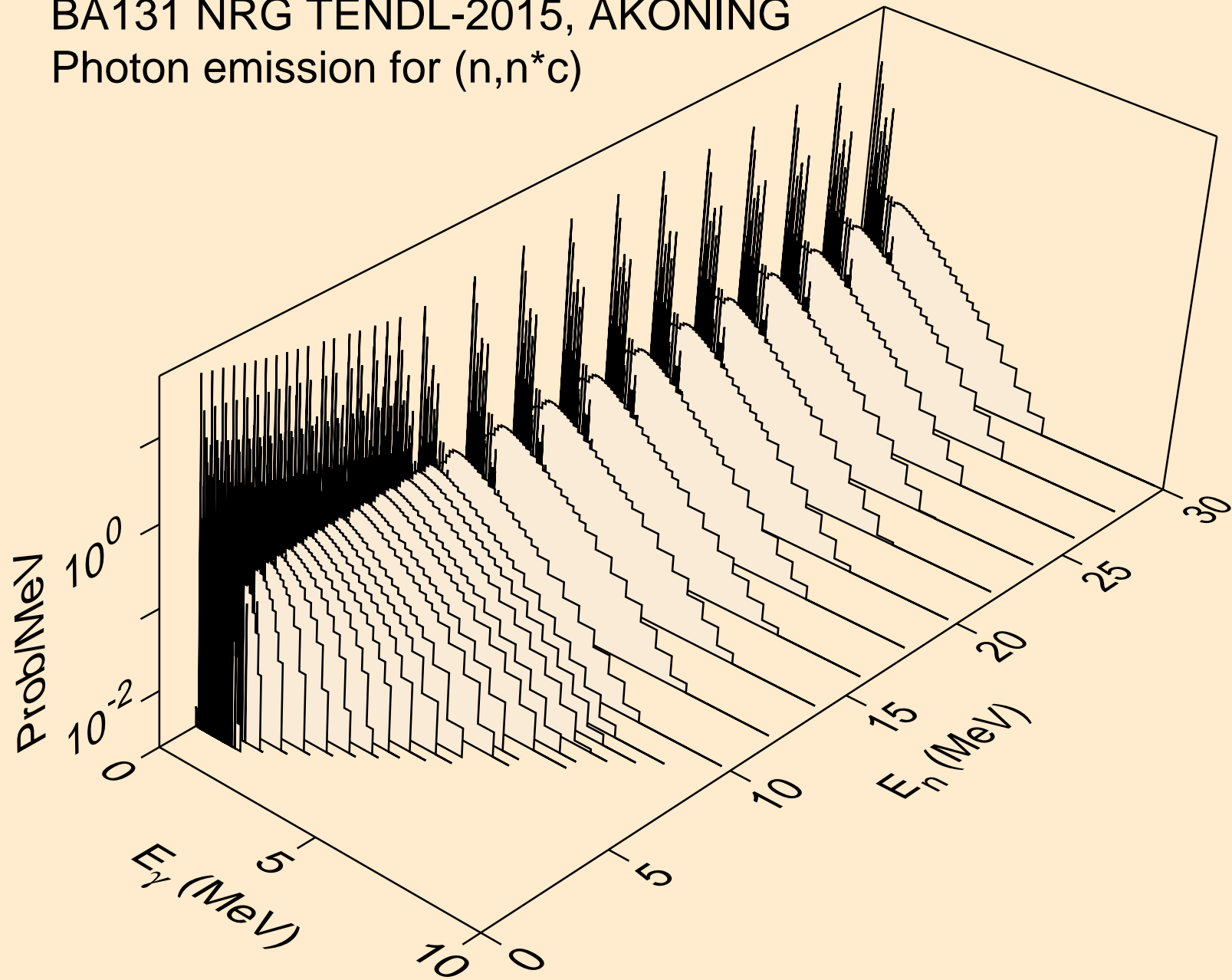
BA131 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



BA131 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)

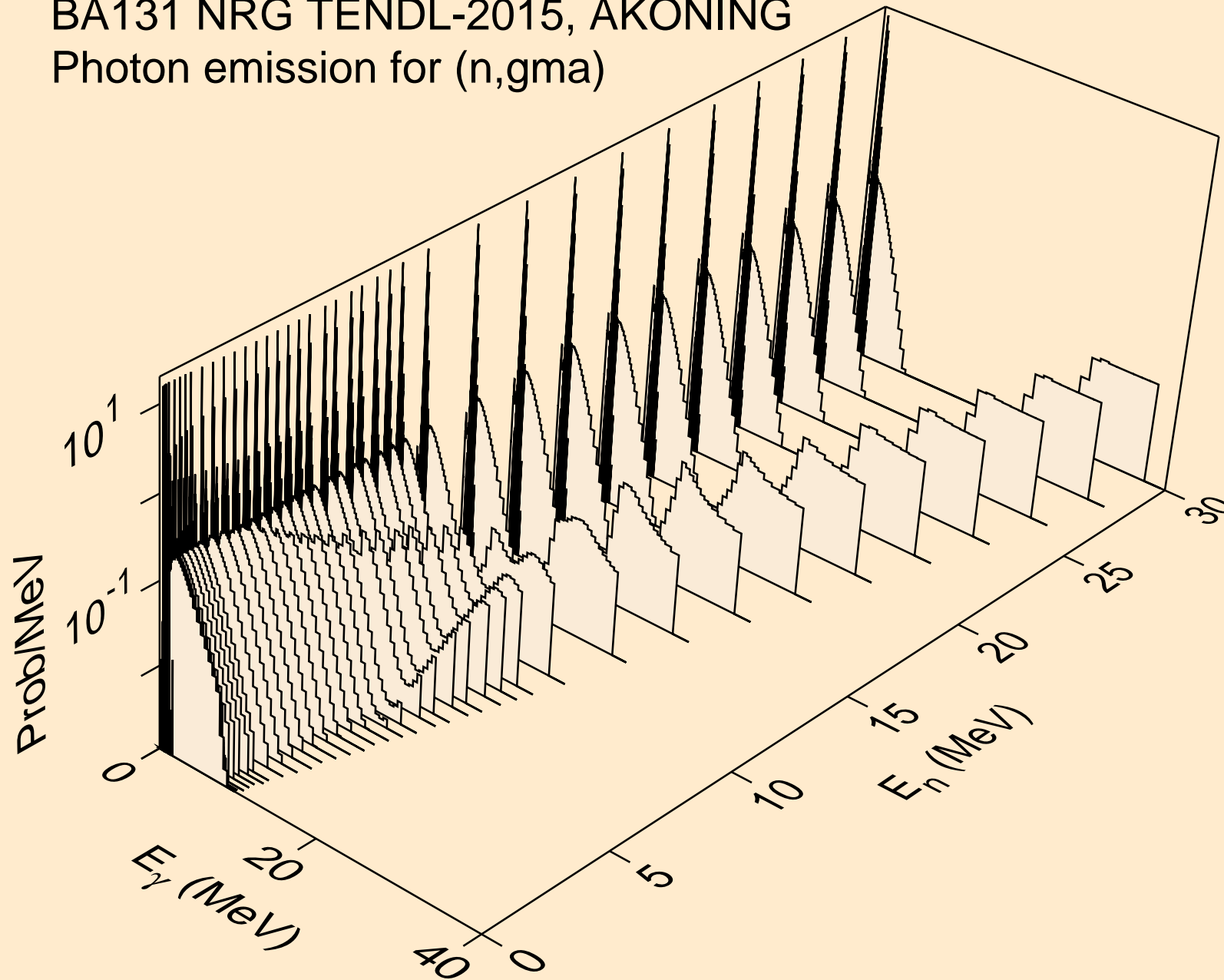


BA131 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)

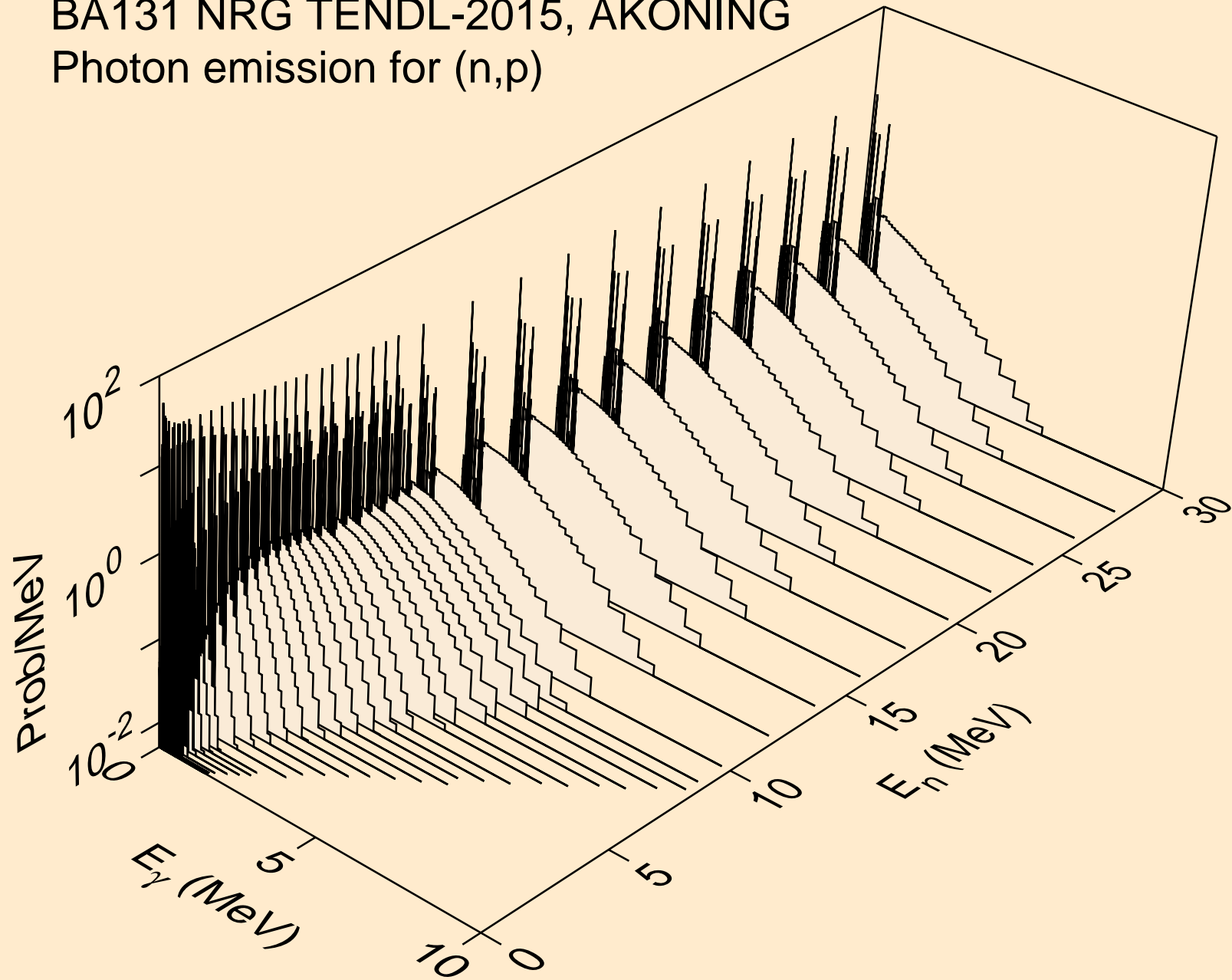




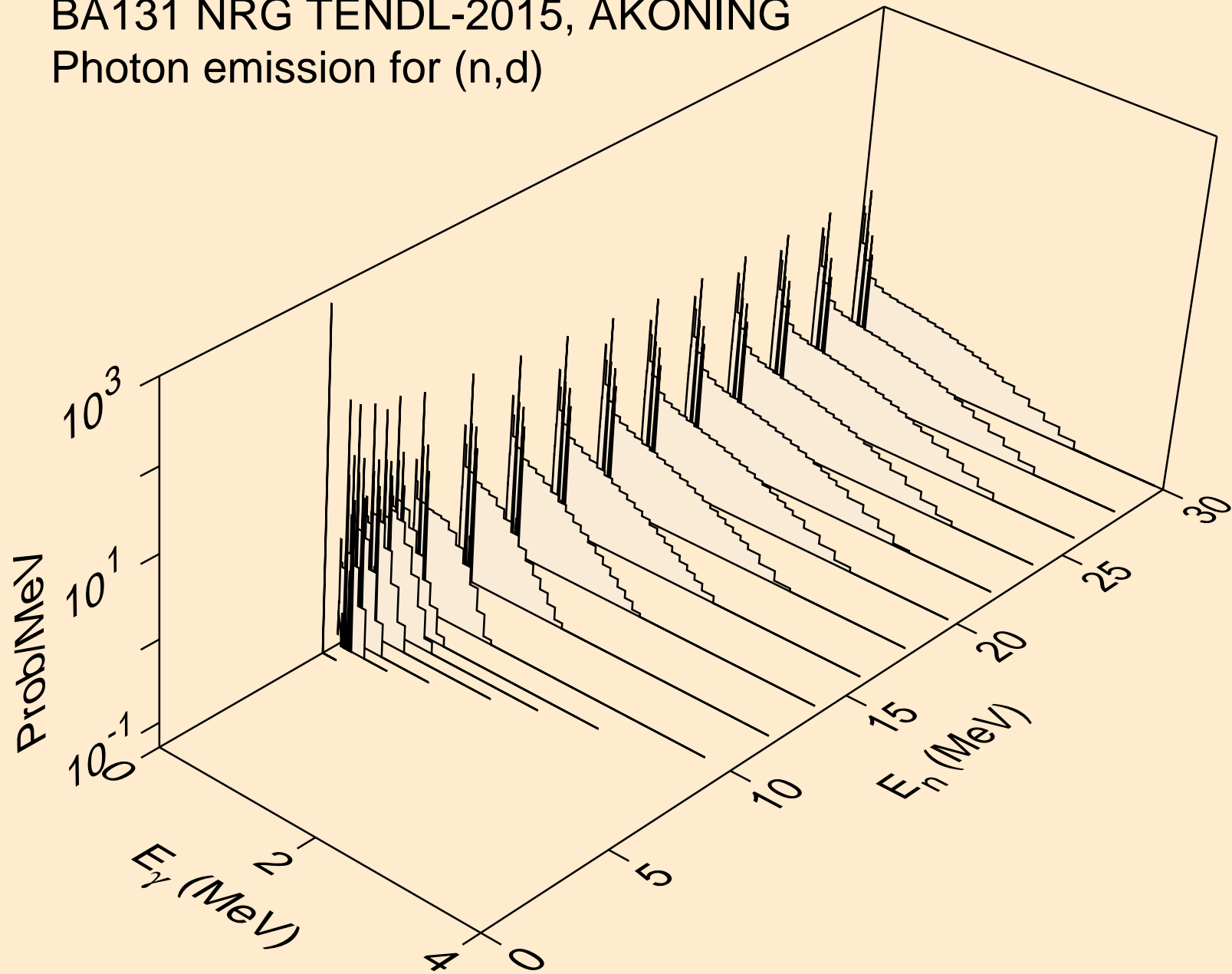
BA131 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



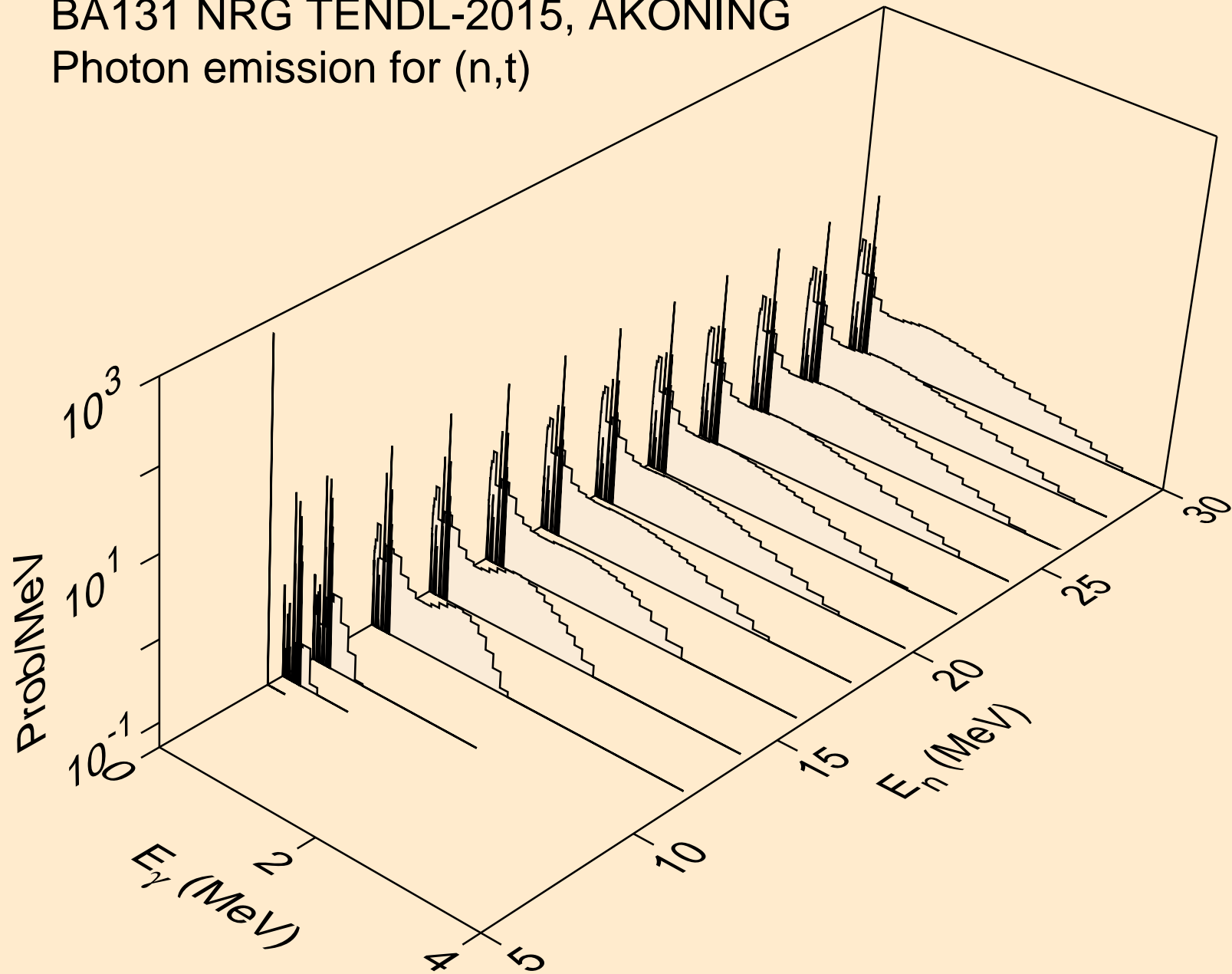
BA131 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



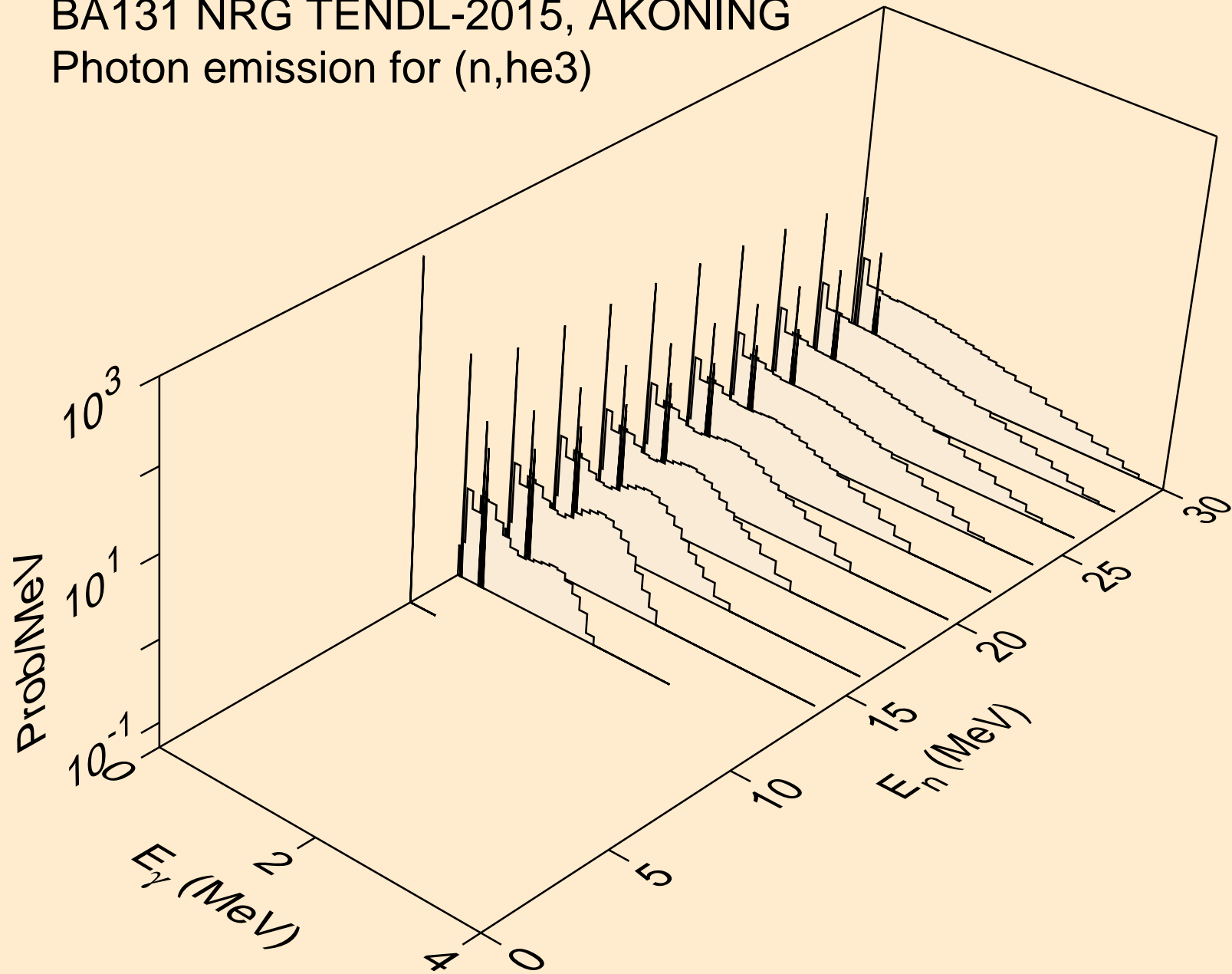
BA131 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



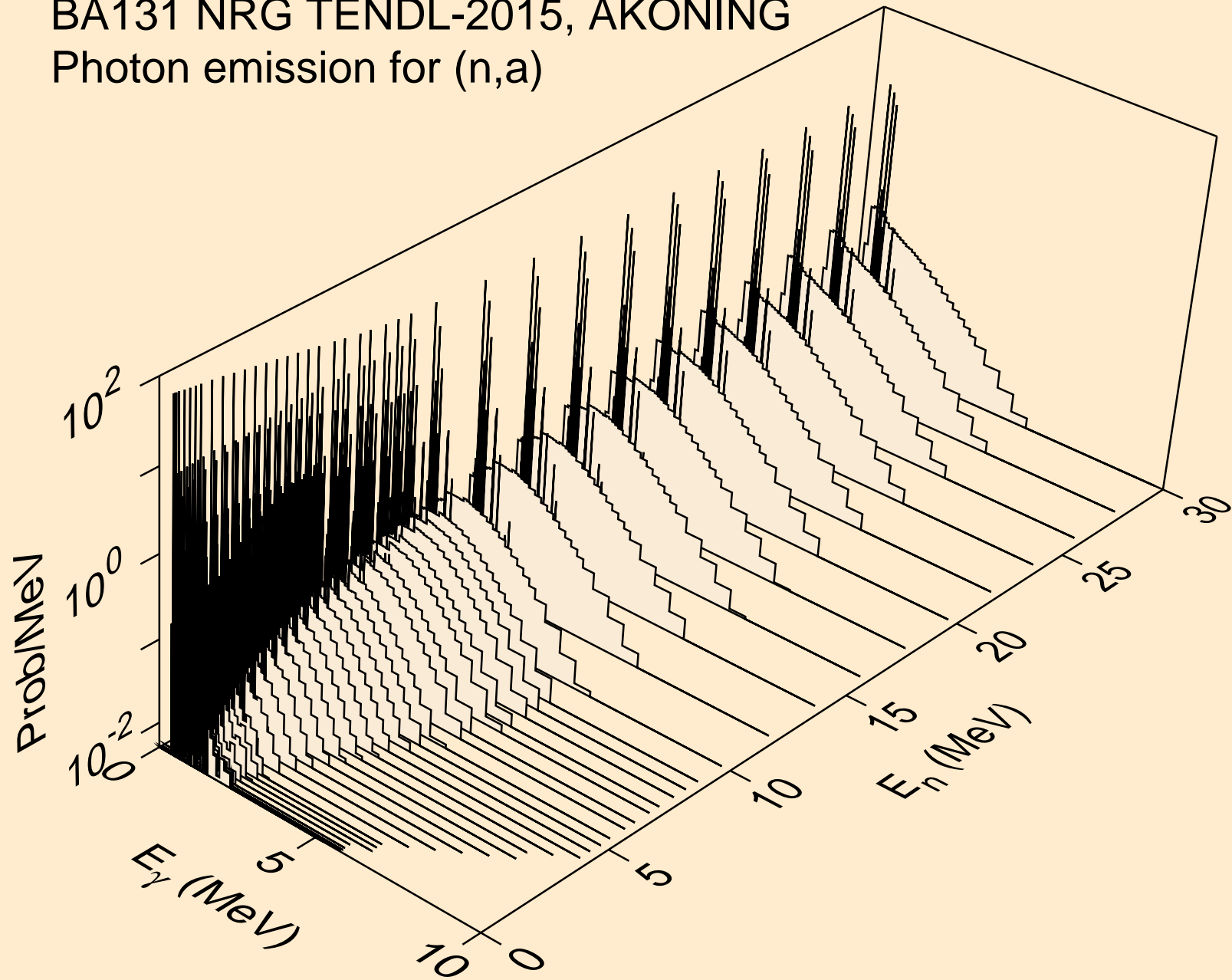
BA131 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



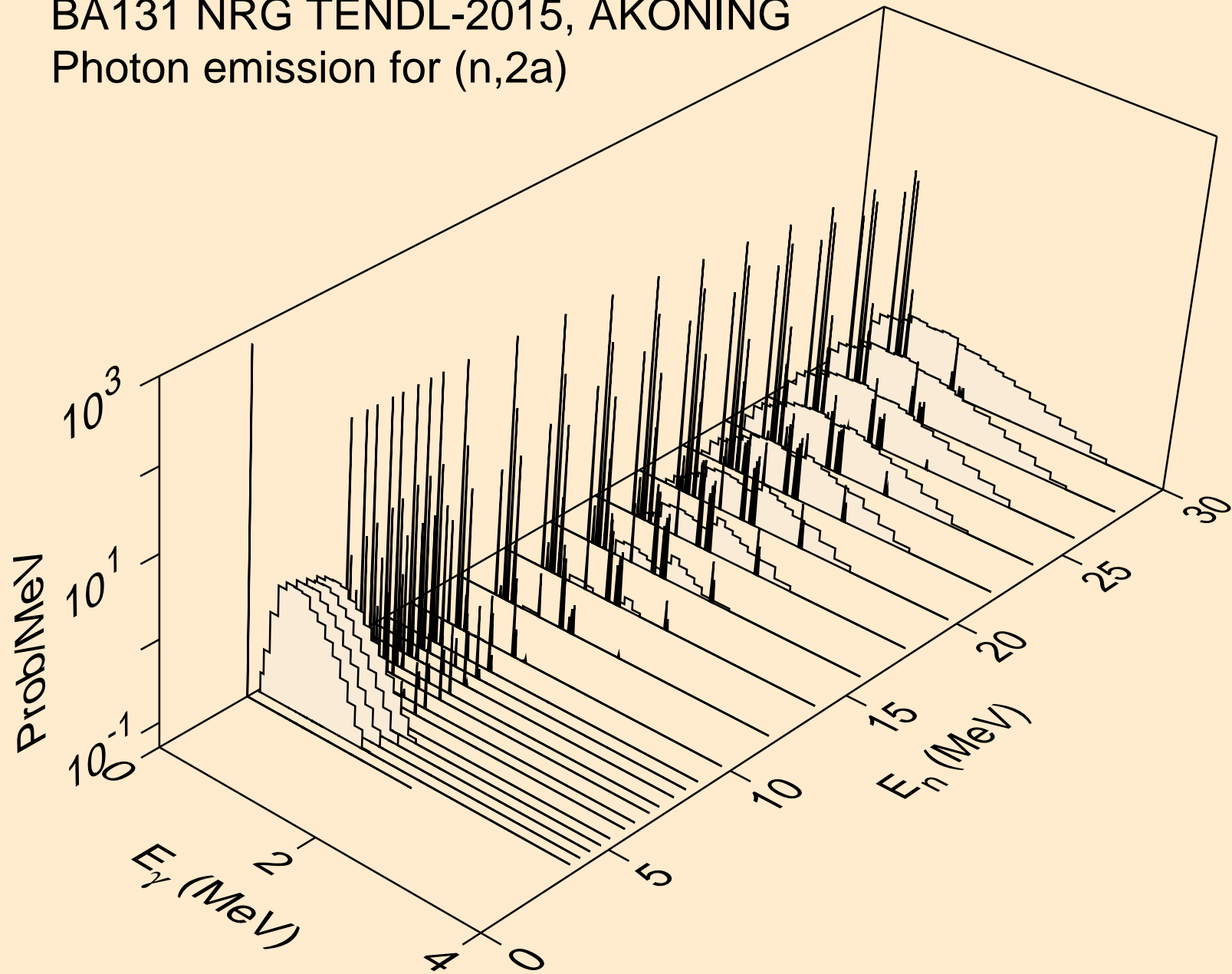
BA131 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



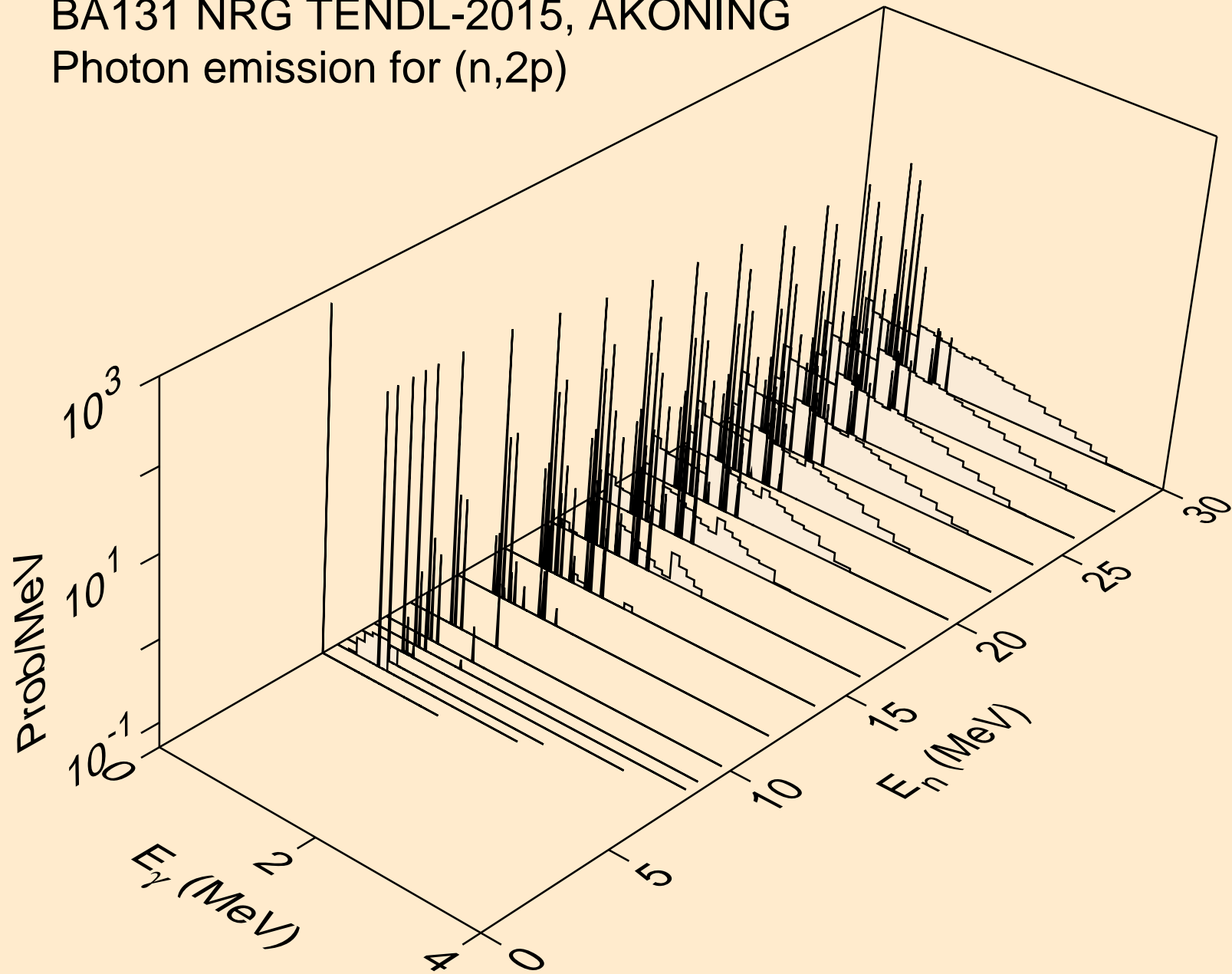
BA131 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



BA131 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)

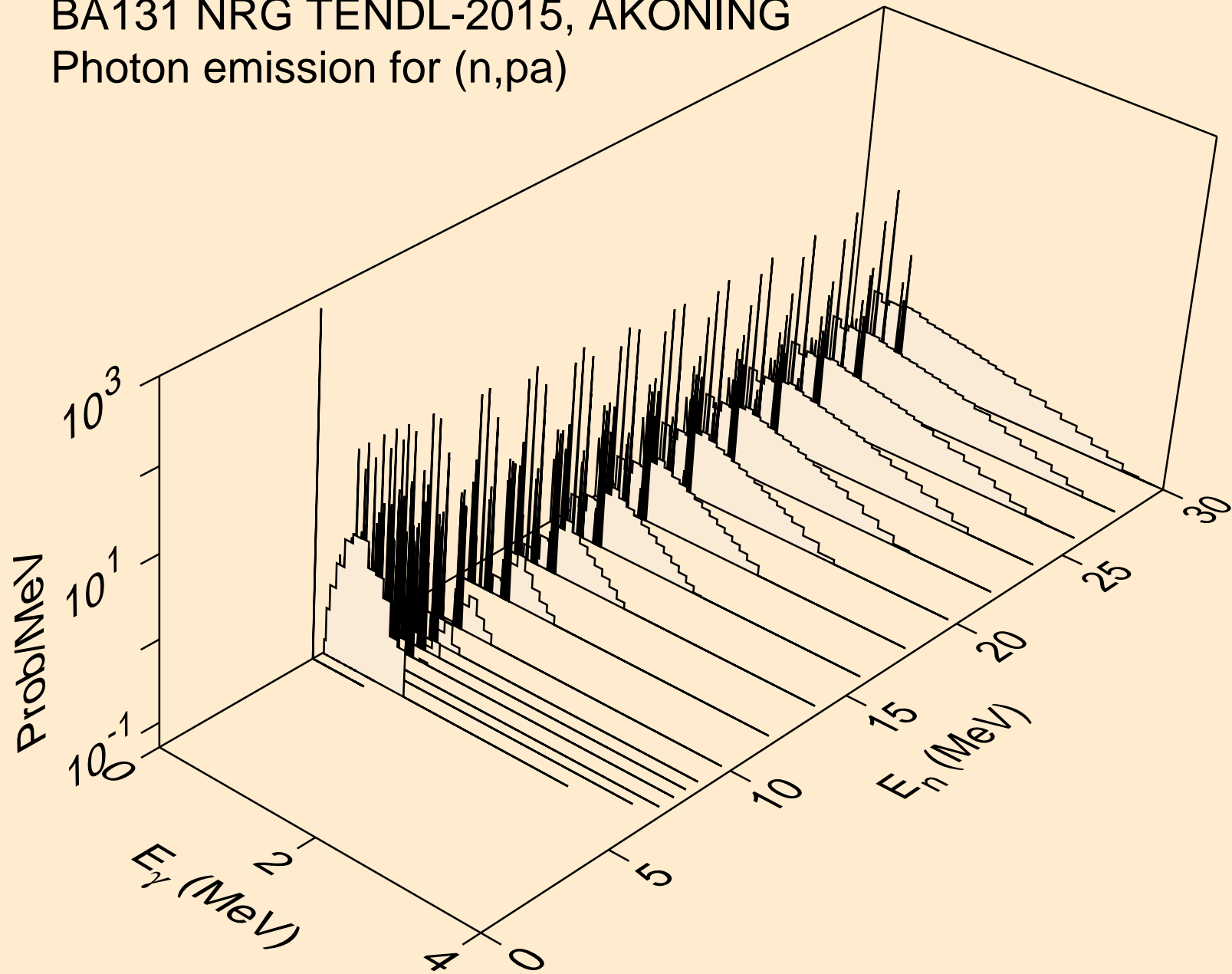


BA131 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)

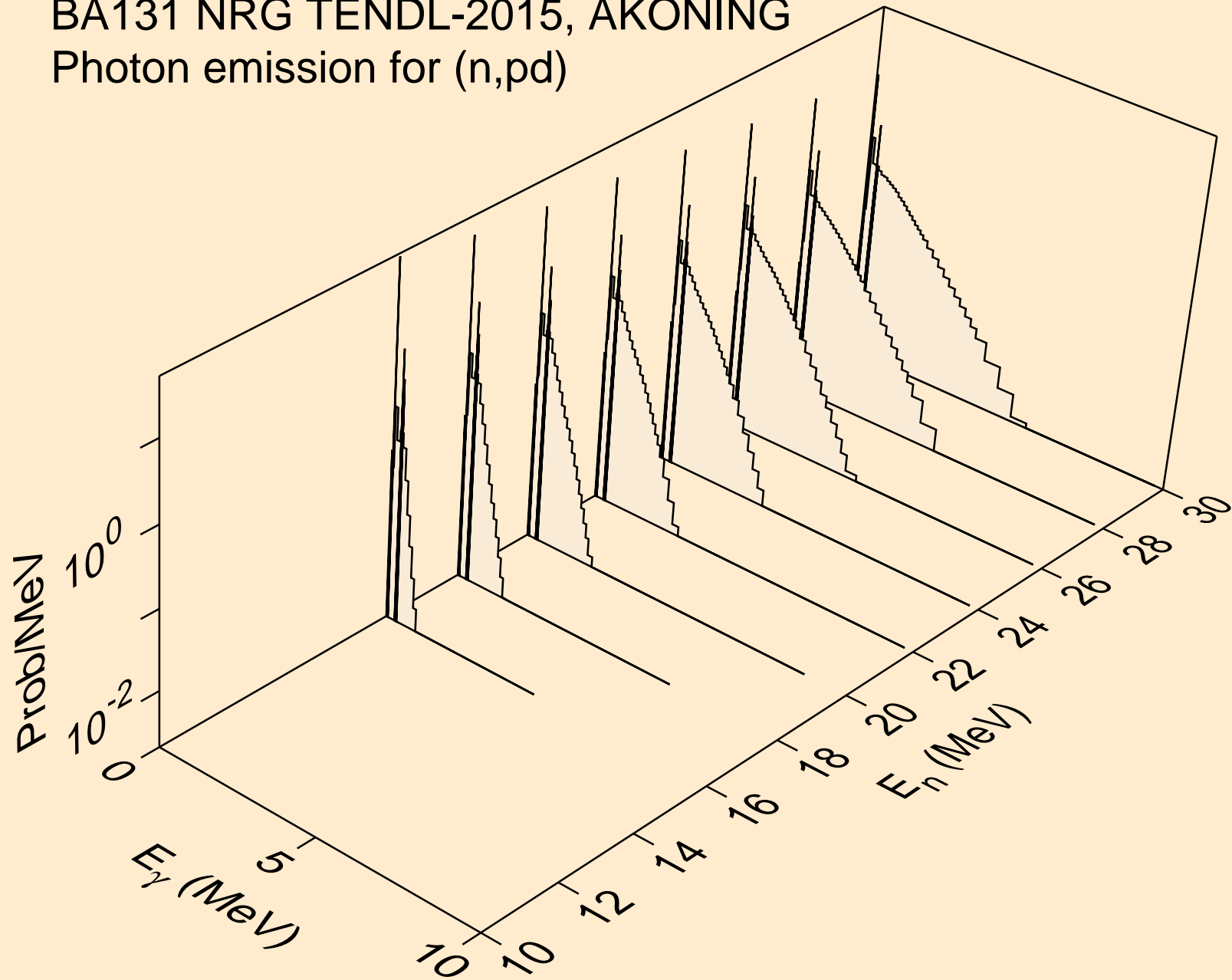




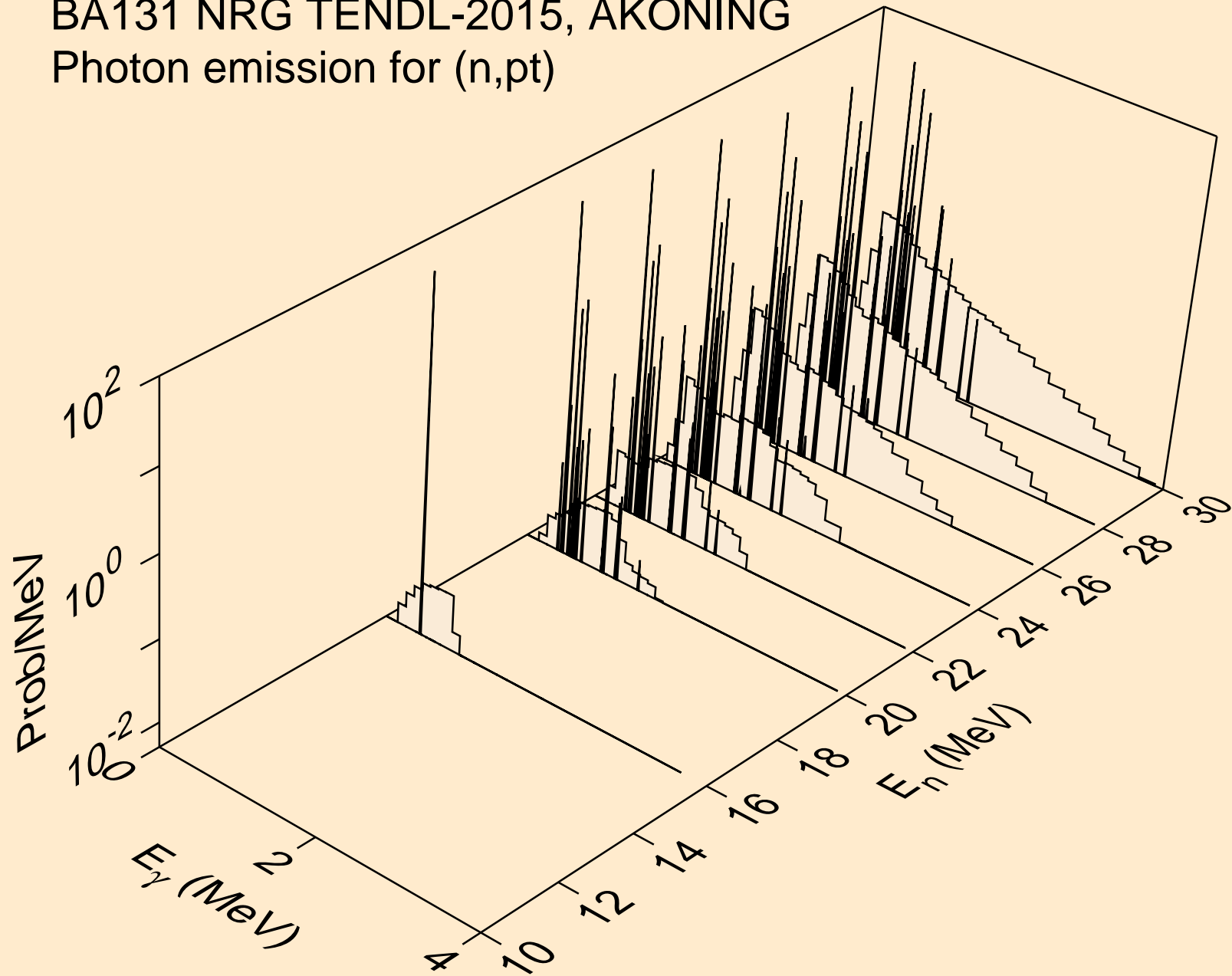
BA131 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



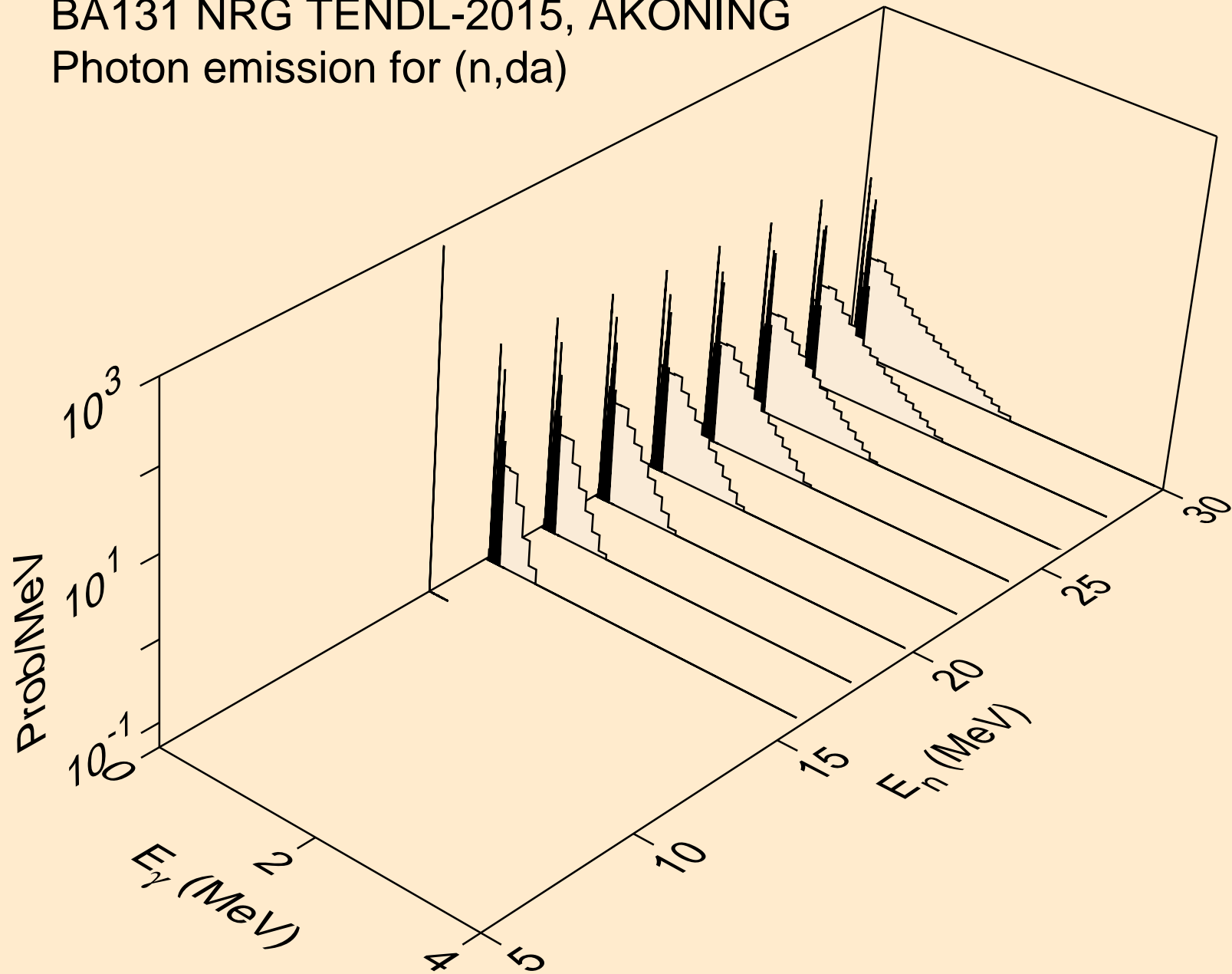
BA131 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



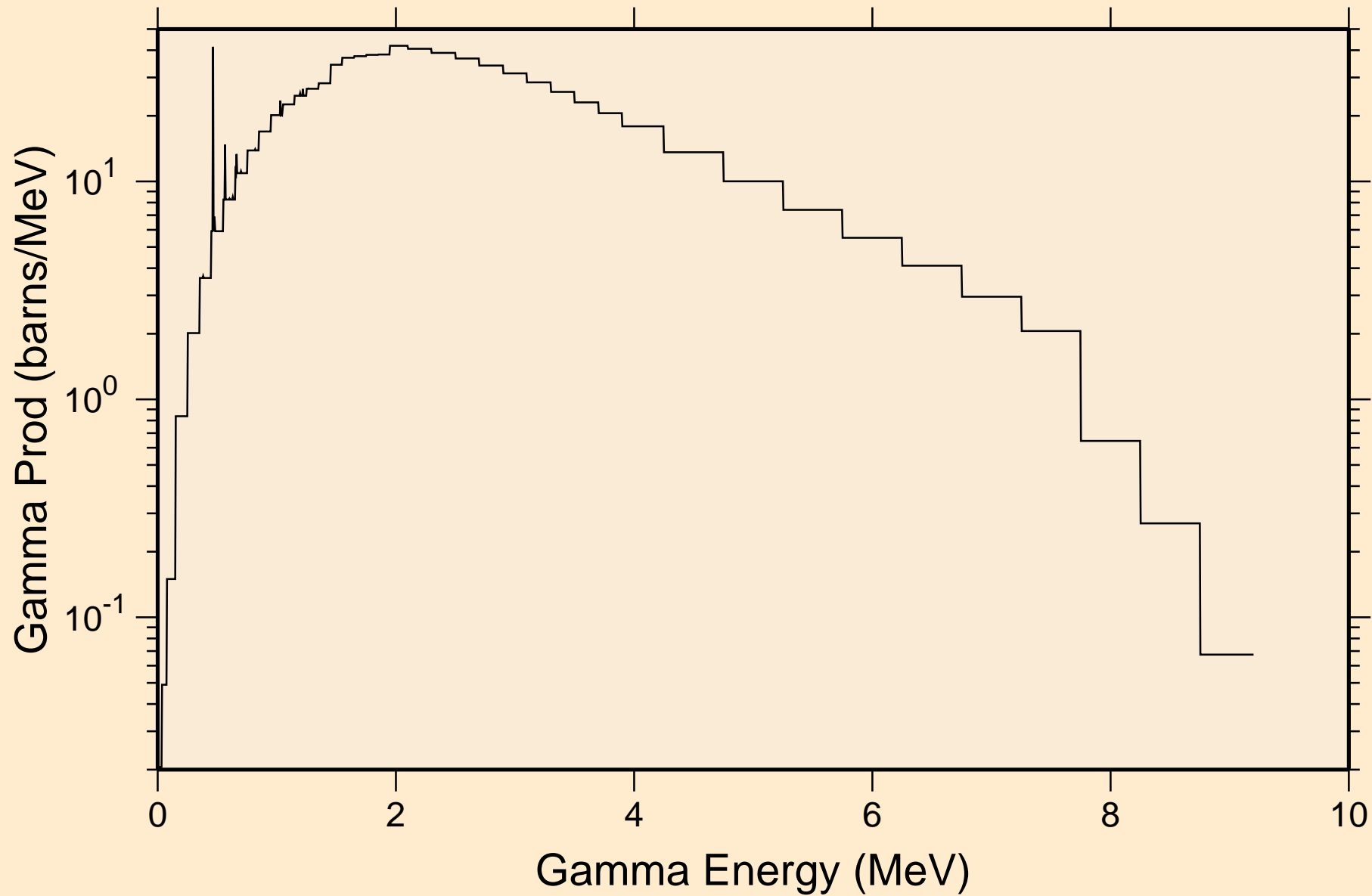
BA131 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



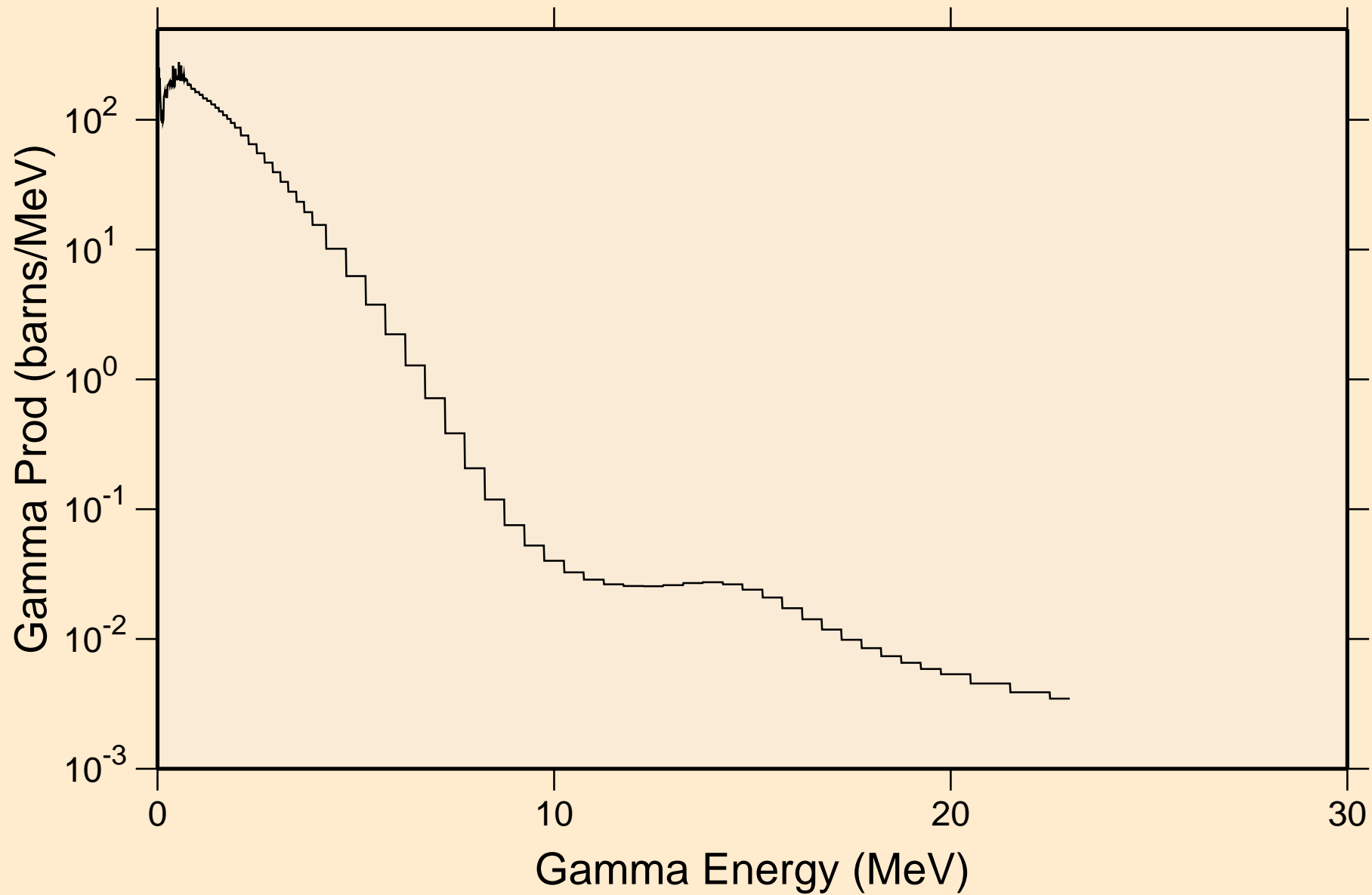
BA131 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



BA131 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

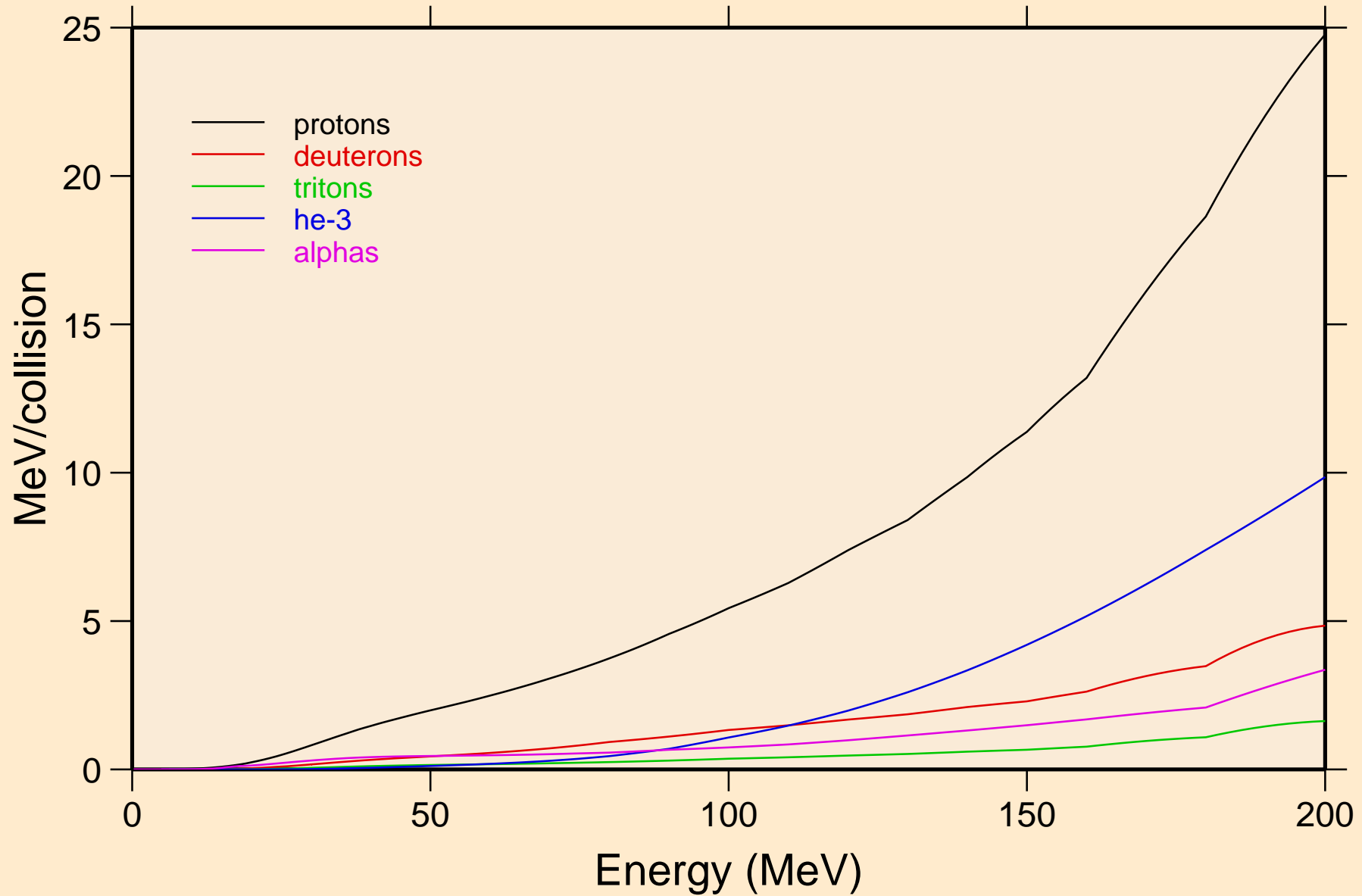


BA131 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



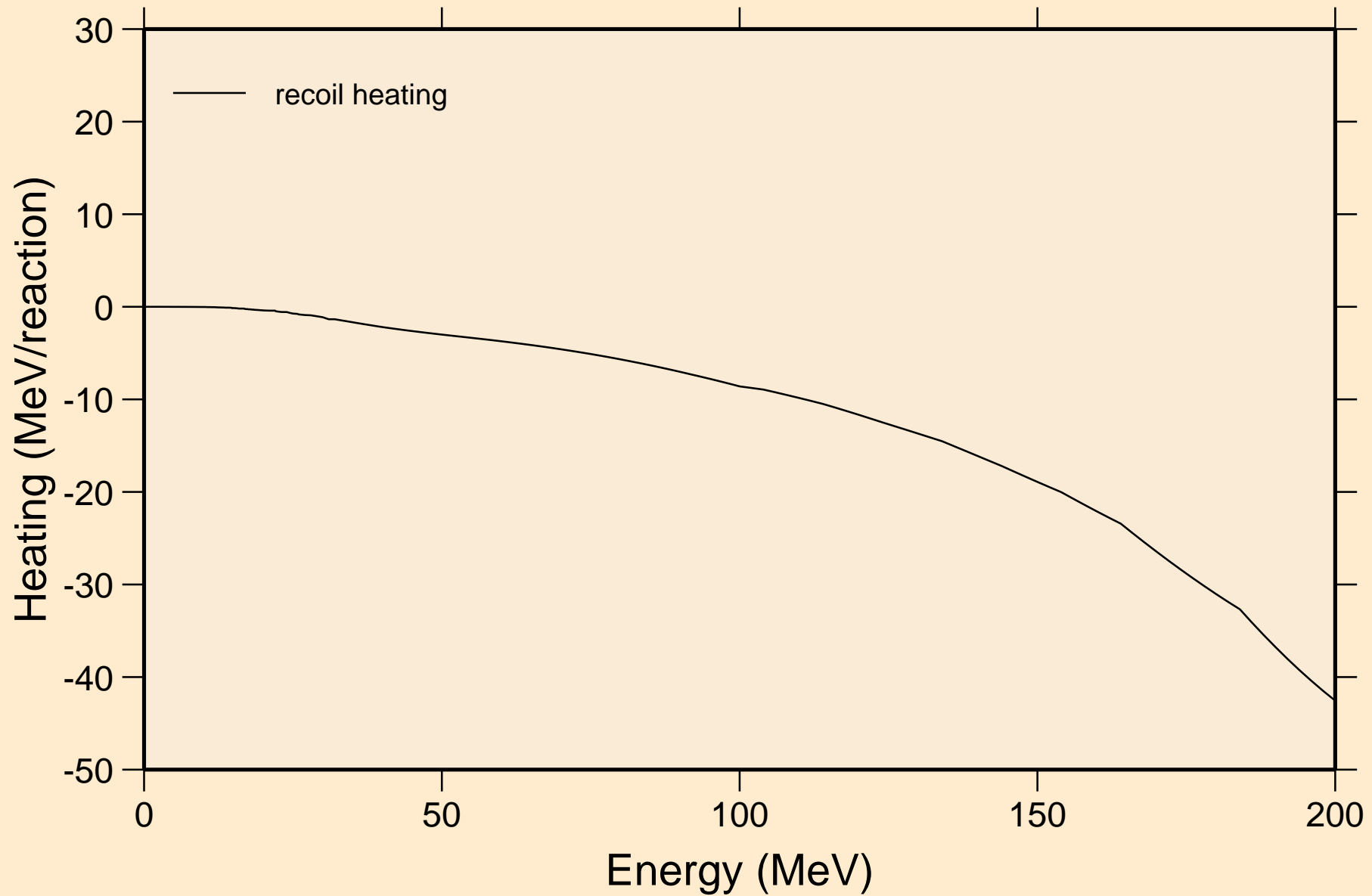
# BA131 NRG TENDL-2015, AKONING

## Particle heating contributions



# BA131 NRG TENDL-2015, AKONING

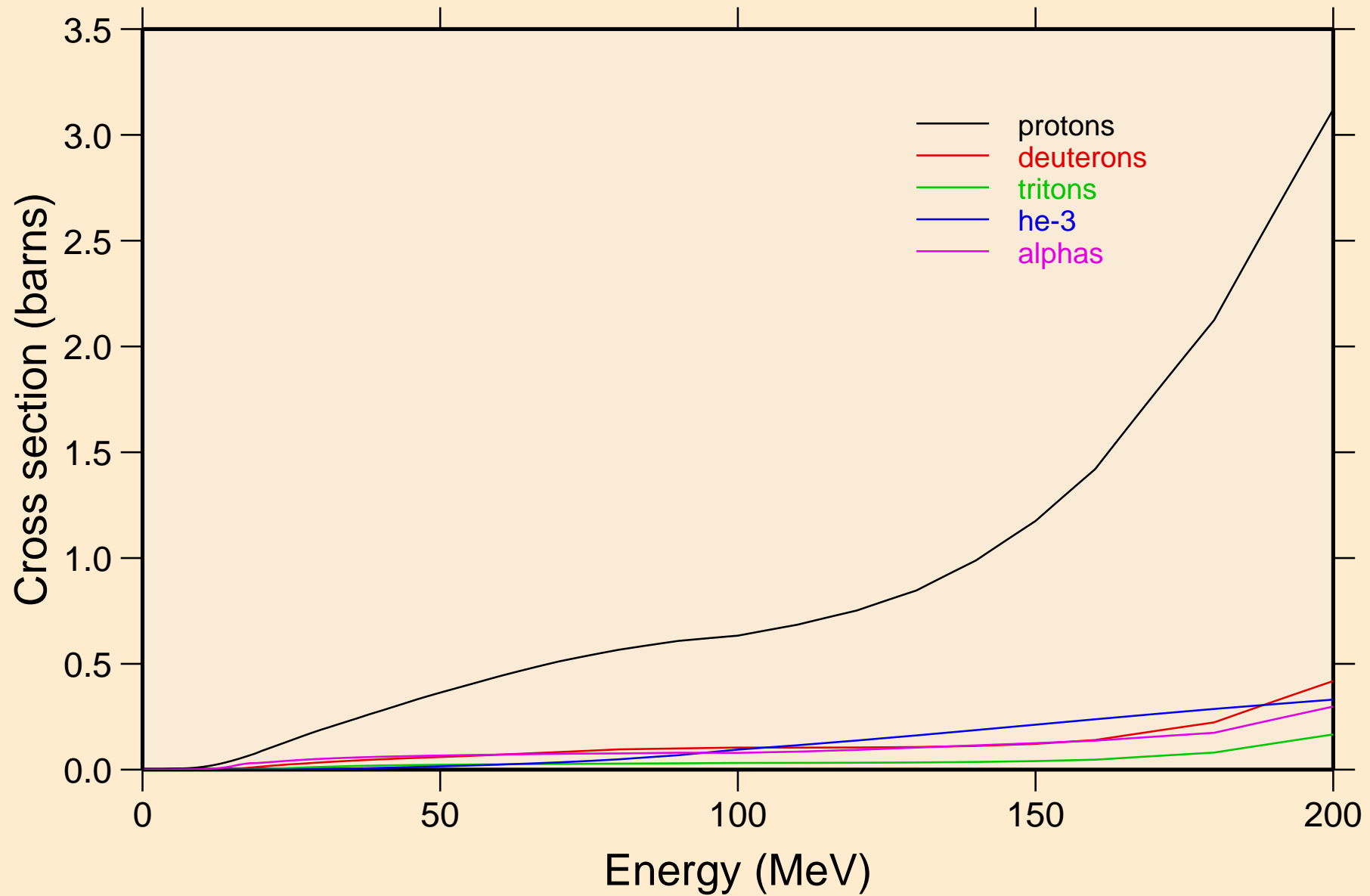
## Recoil Heating



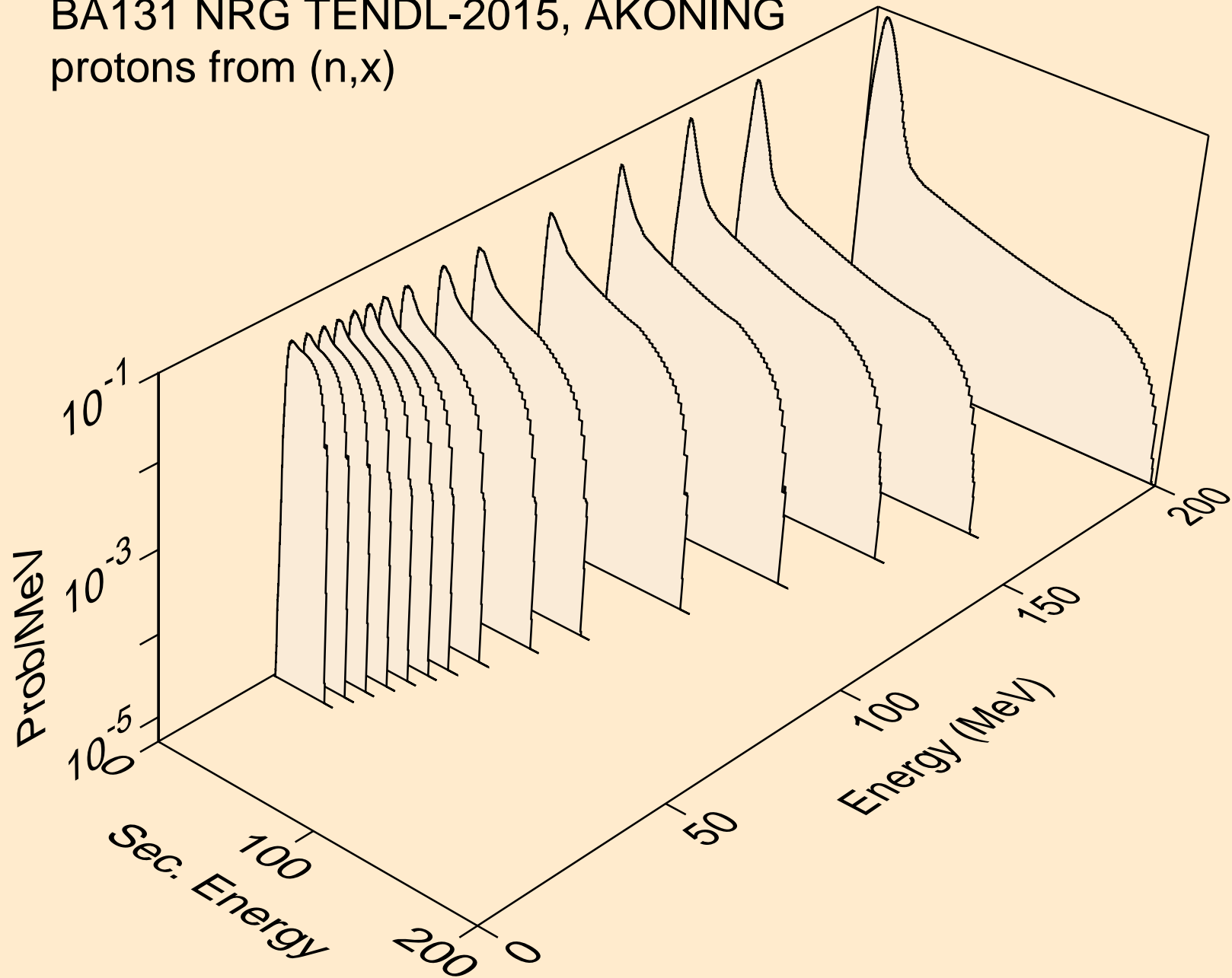


# BA131 NRG TENDL-2015, AKONING

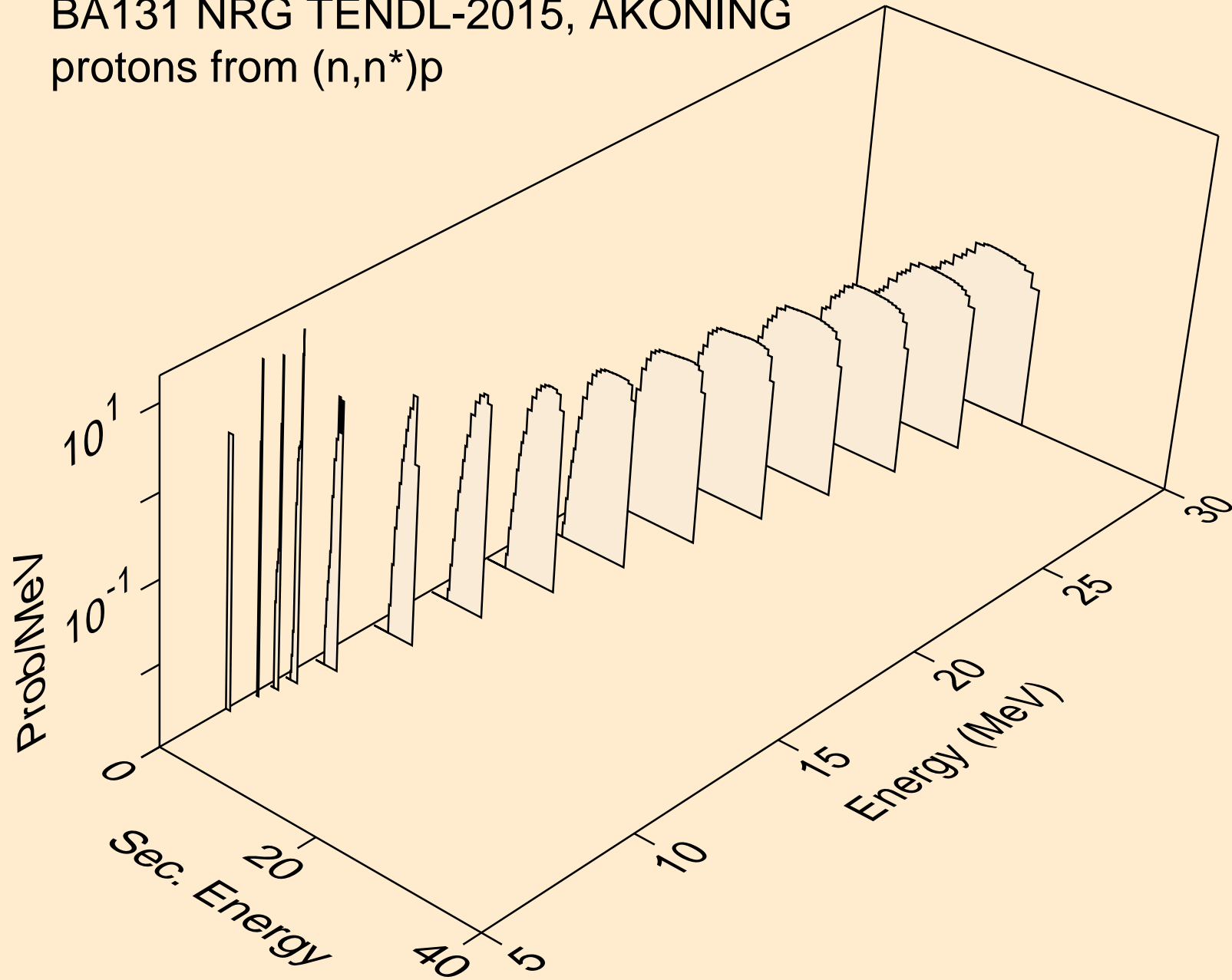
## Particle production cross sections



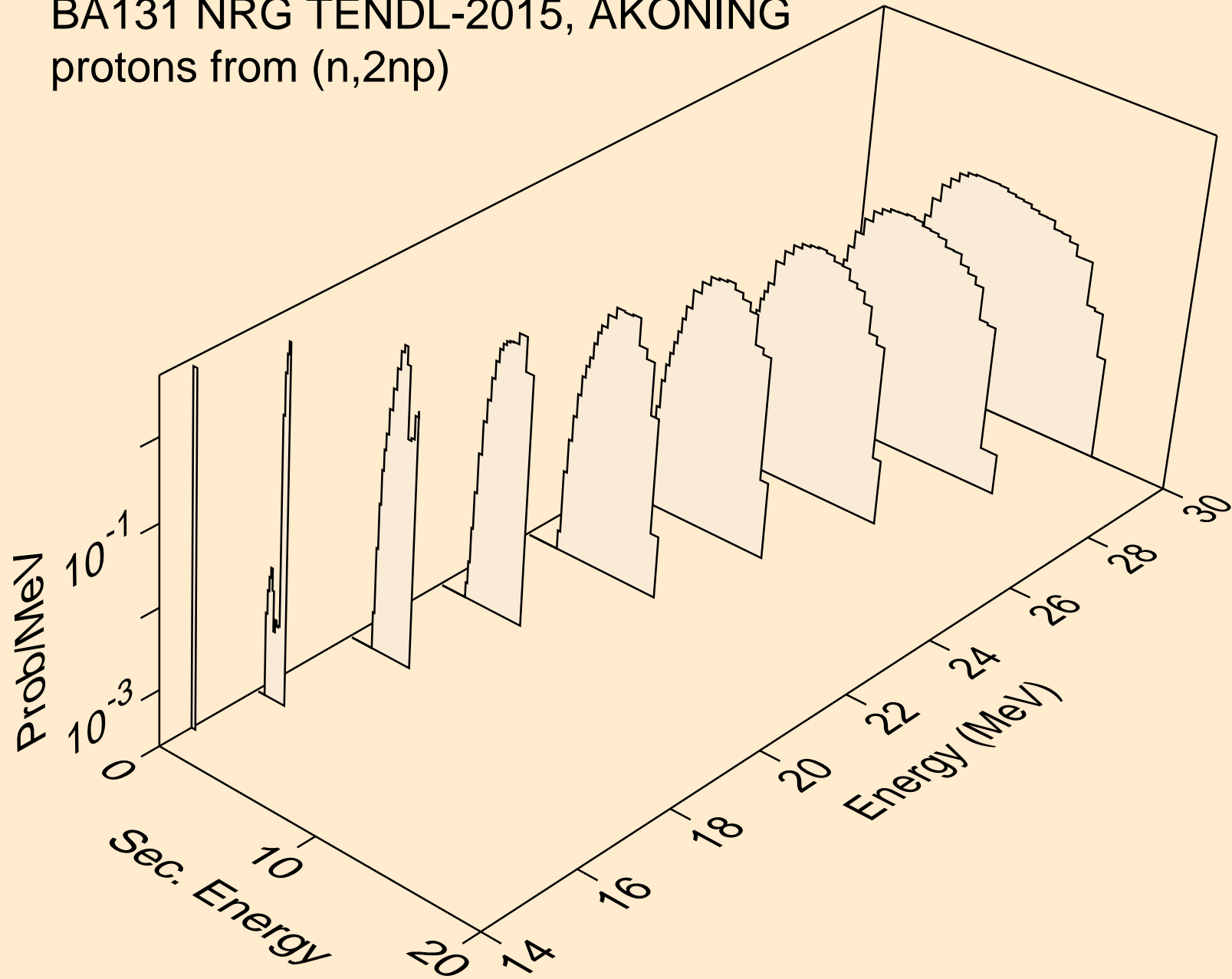
BA131 NRG TENDL-2015, AKONING  
protons from (n,x)



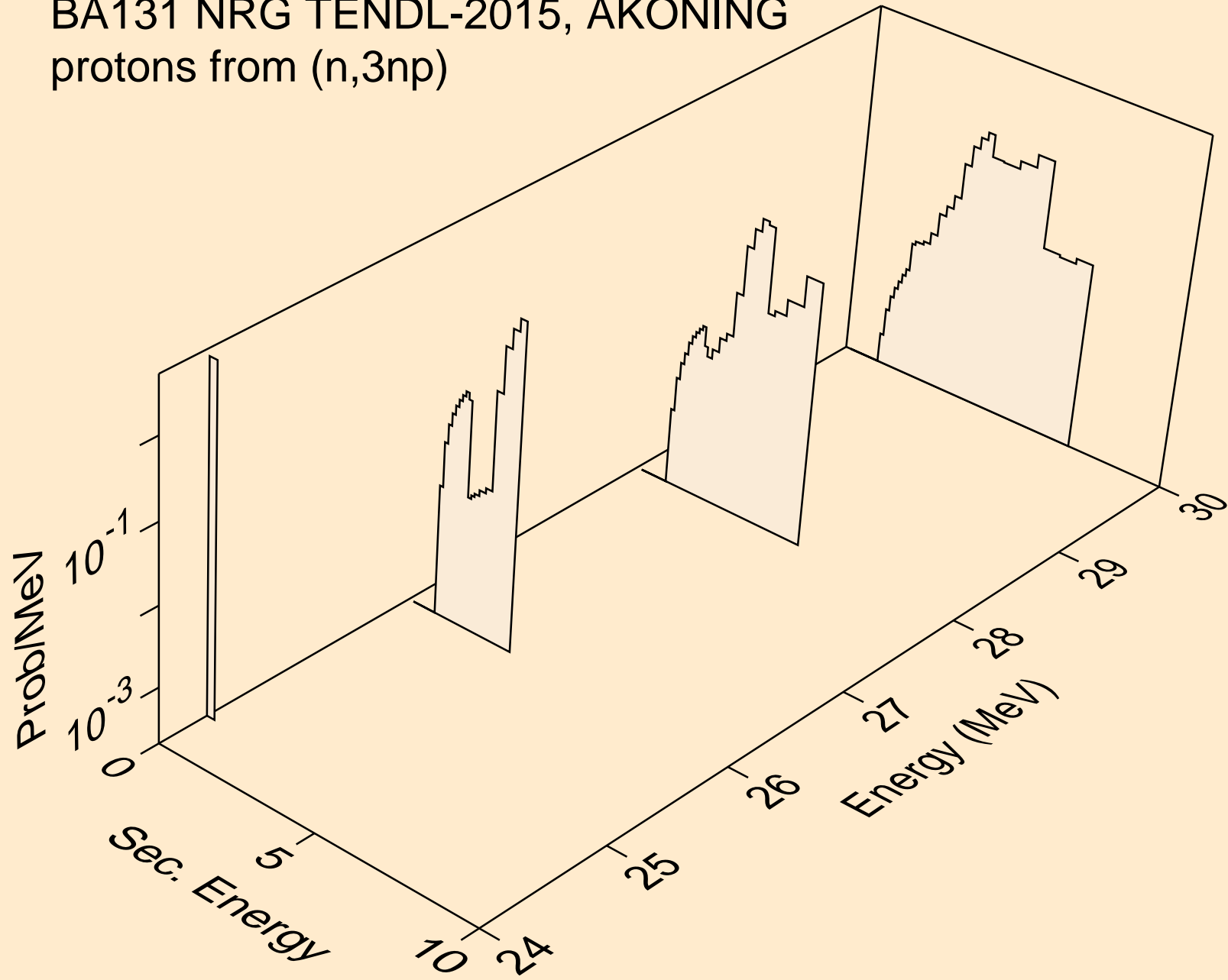
BA131 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



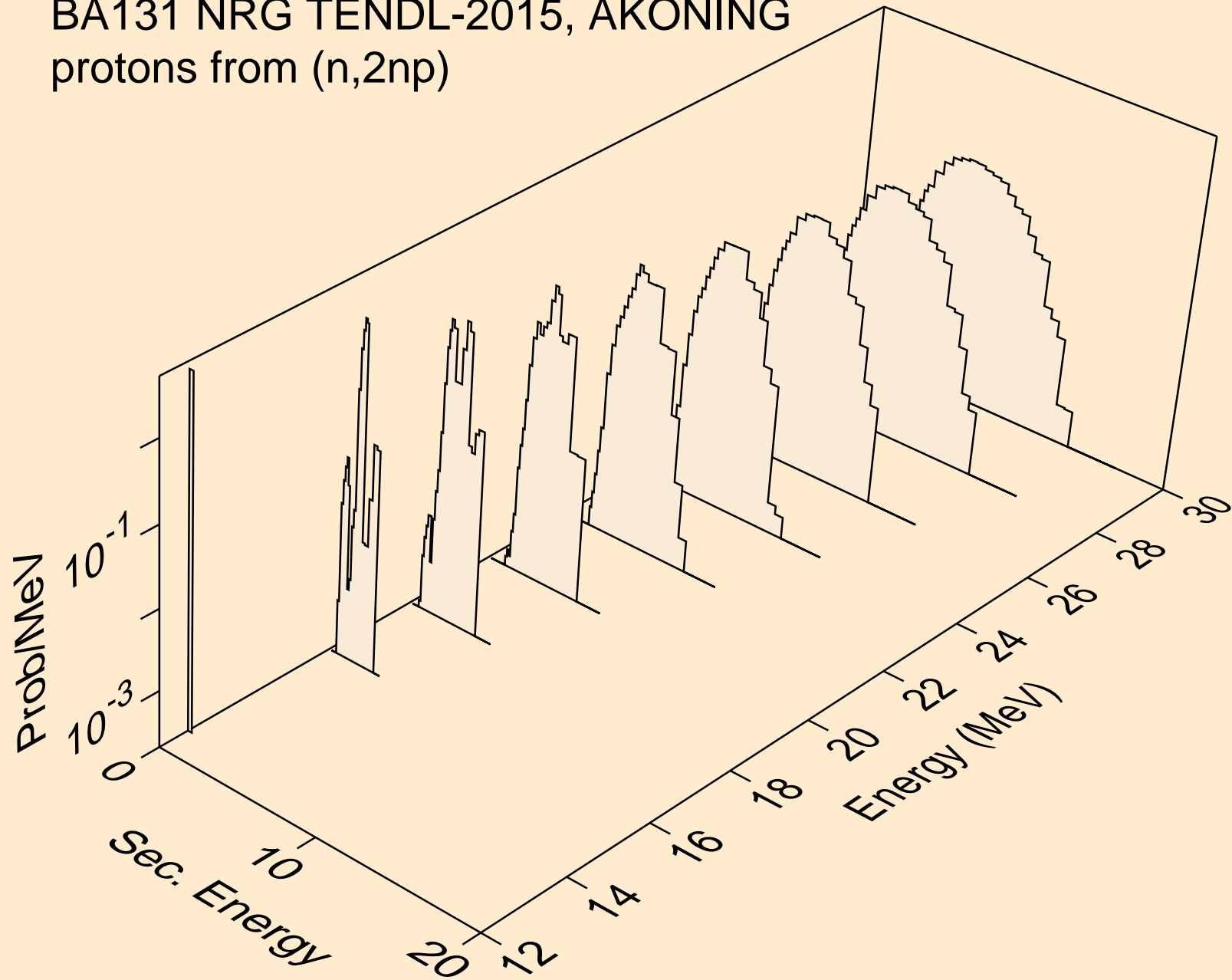
BA131 NRG TENDL-2015, AKONING  
protons from (n,2np)



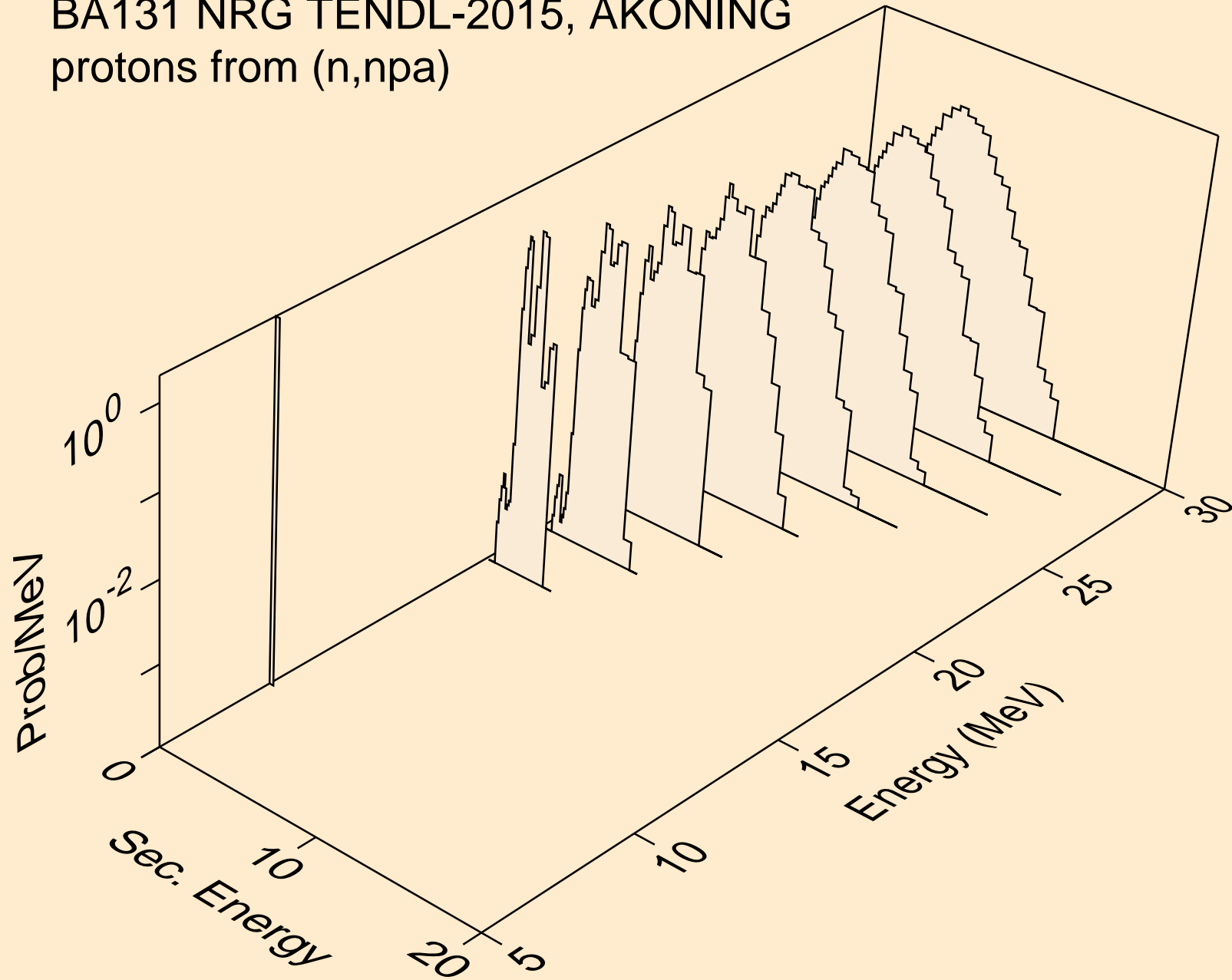
BA131 NRG TENDL-2015, AKONING  
protons from (n,3np)



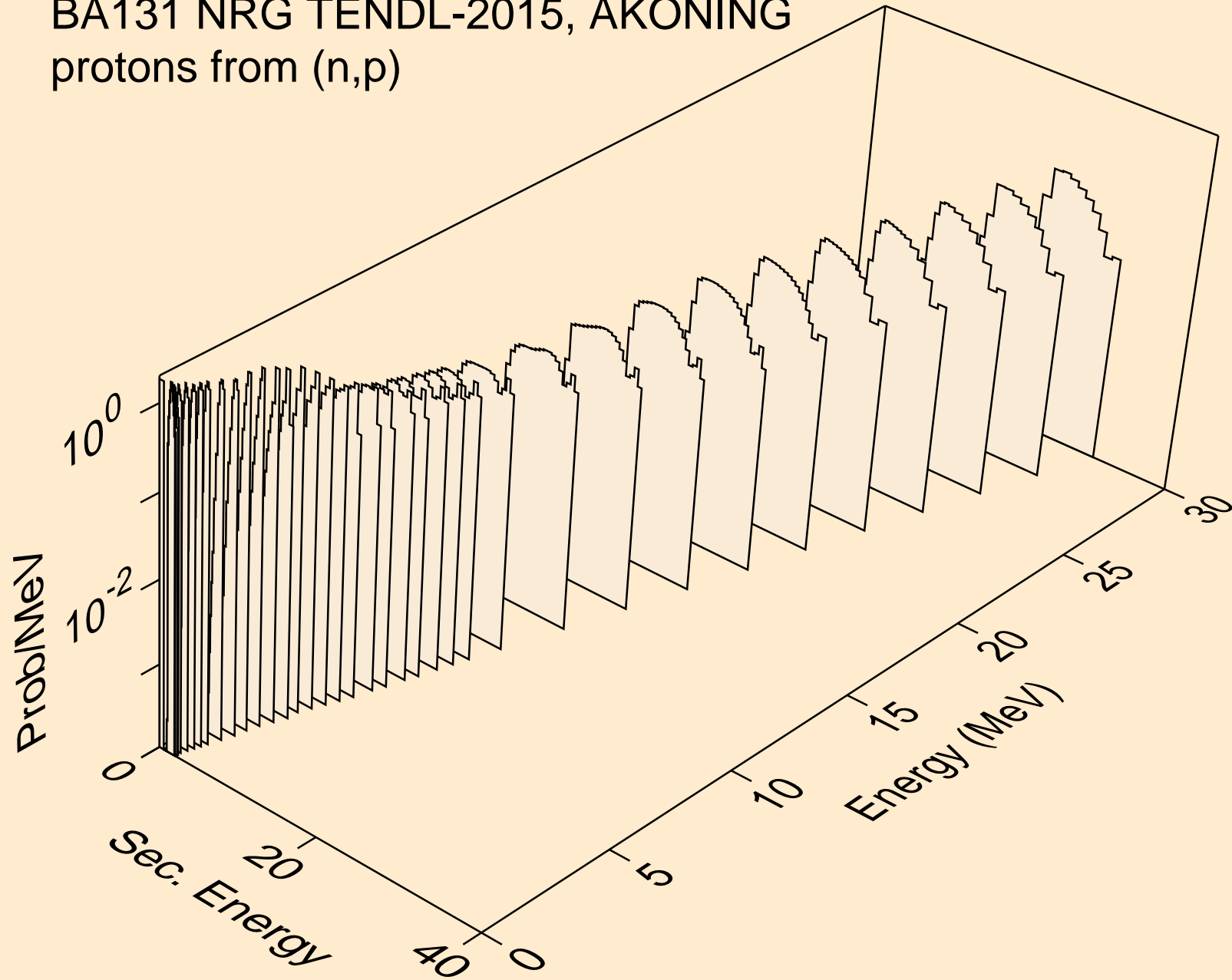
BA131 NRG TENDL-2015, AKONING  
protons from (n,2np)



BA131 NRG TENDL-2015, AKONING  
protons from (n,npa)

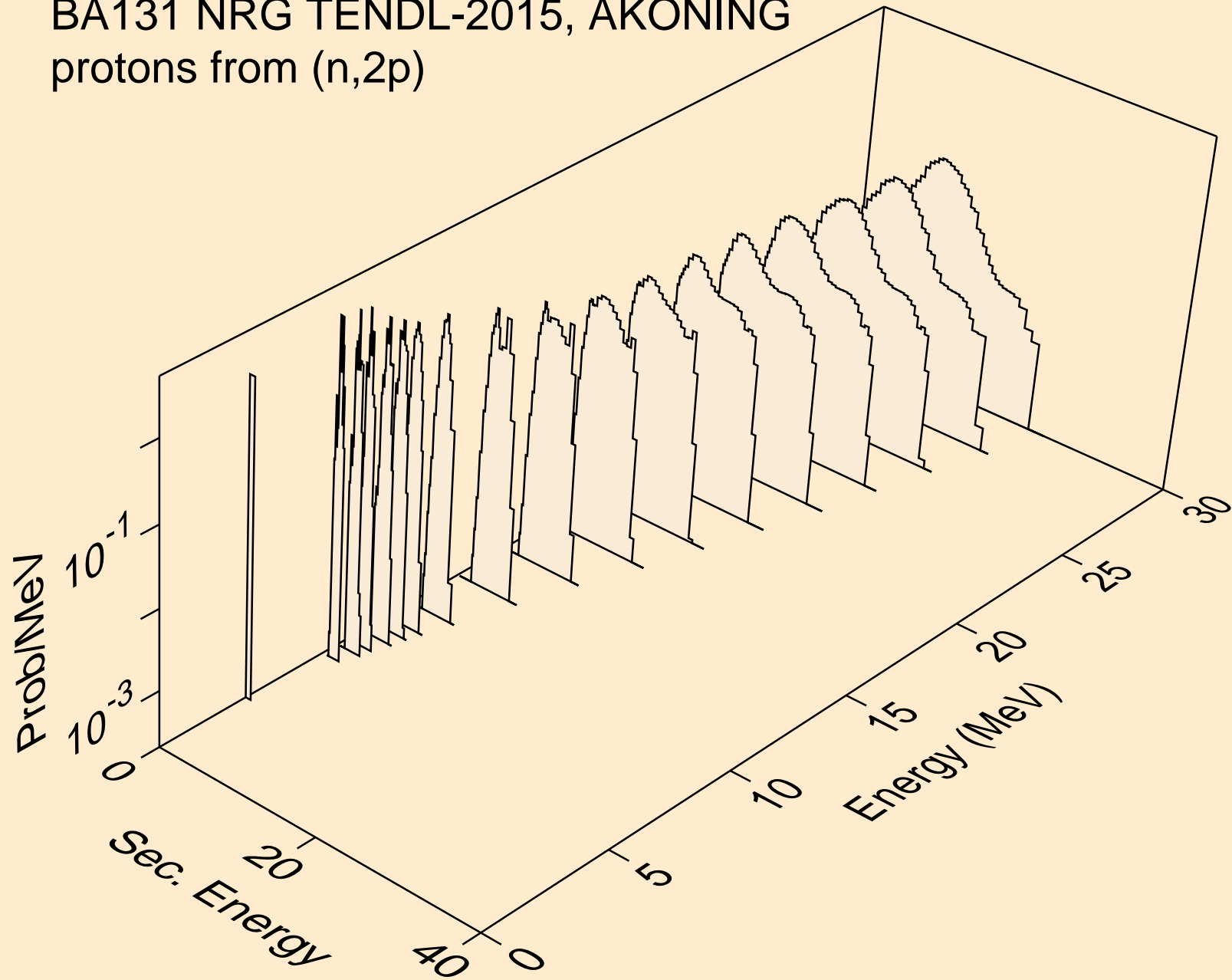


BA131 NRG TENDL-2015, AKONING  
protons from (n,p)

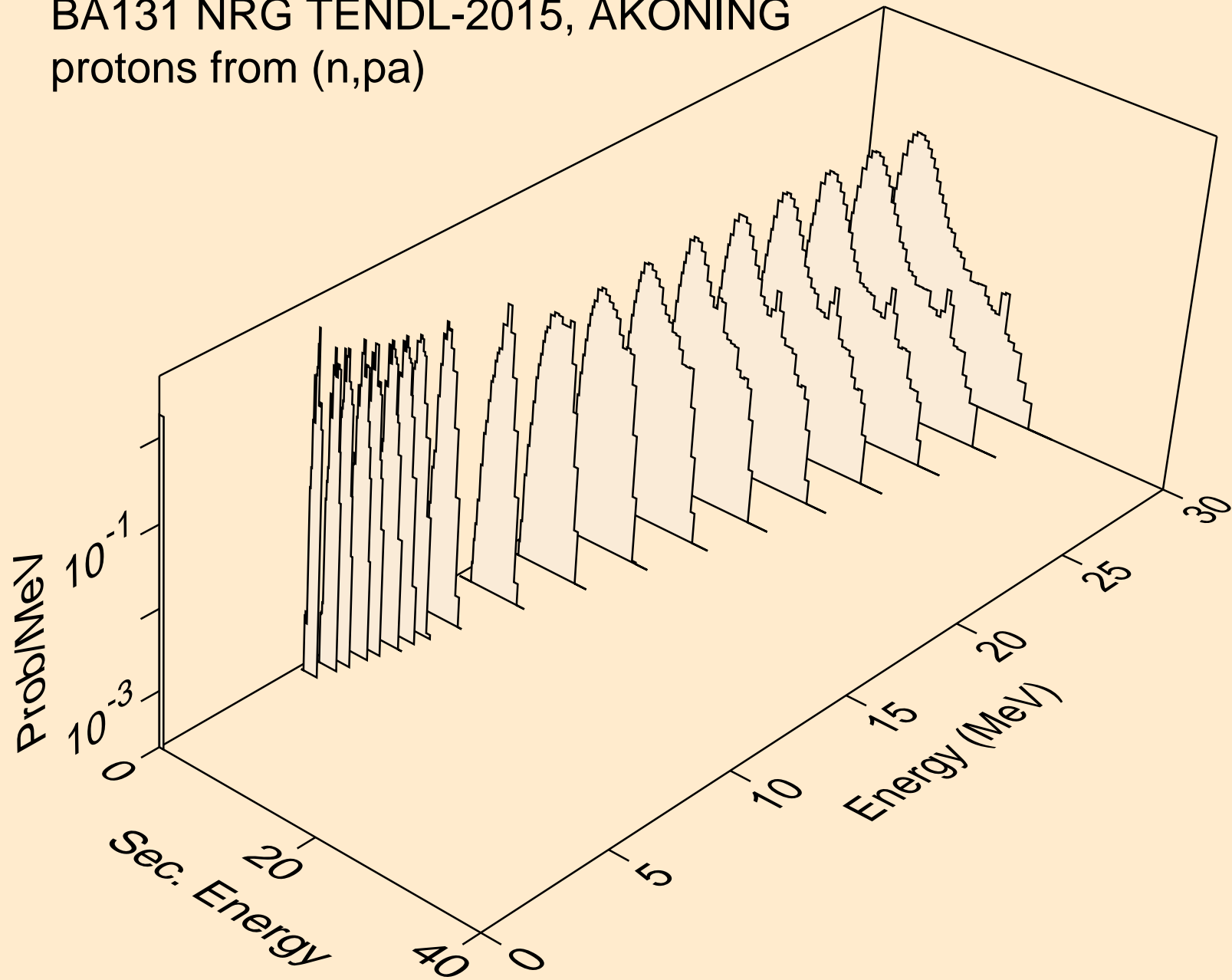




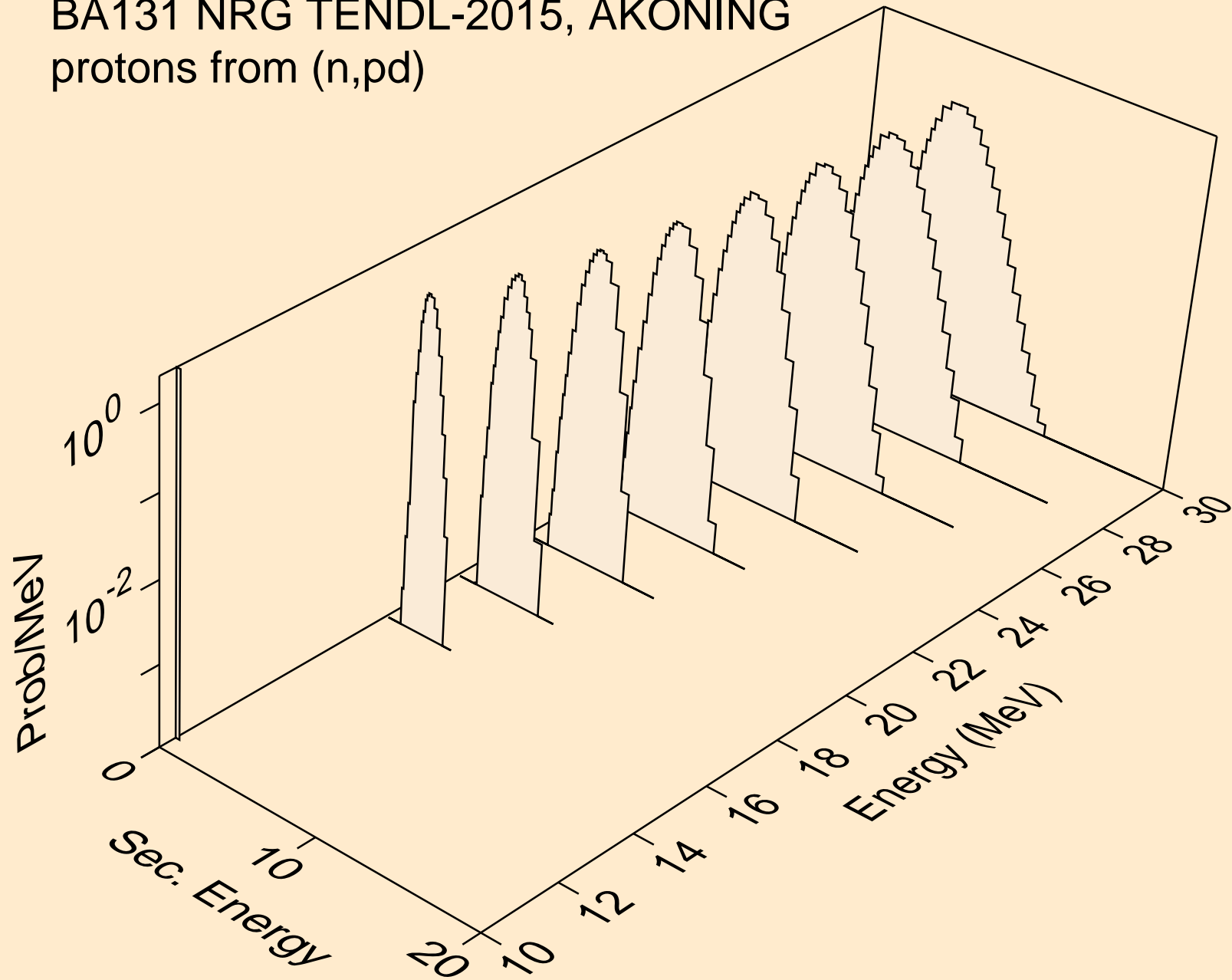
BA131 NRG TENDL-2015, AKONING  
protons from (n,2p)



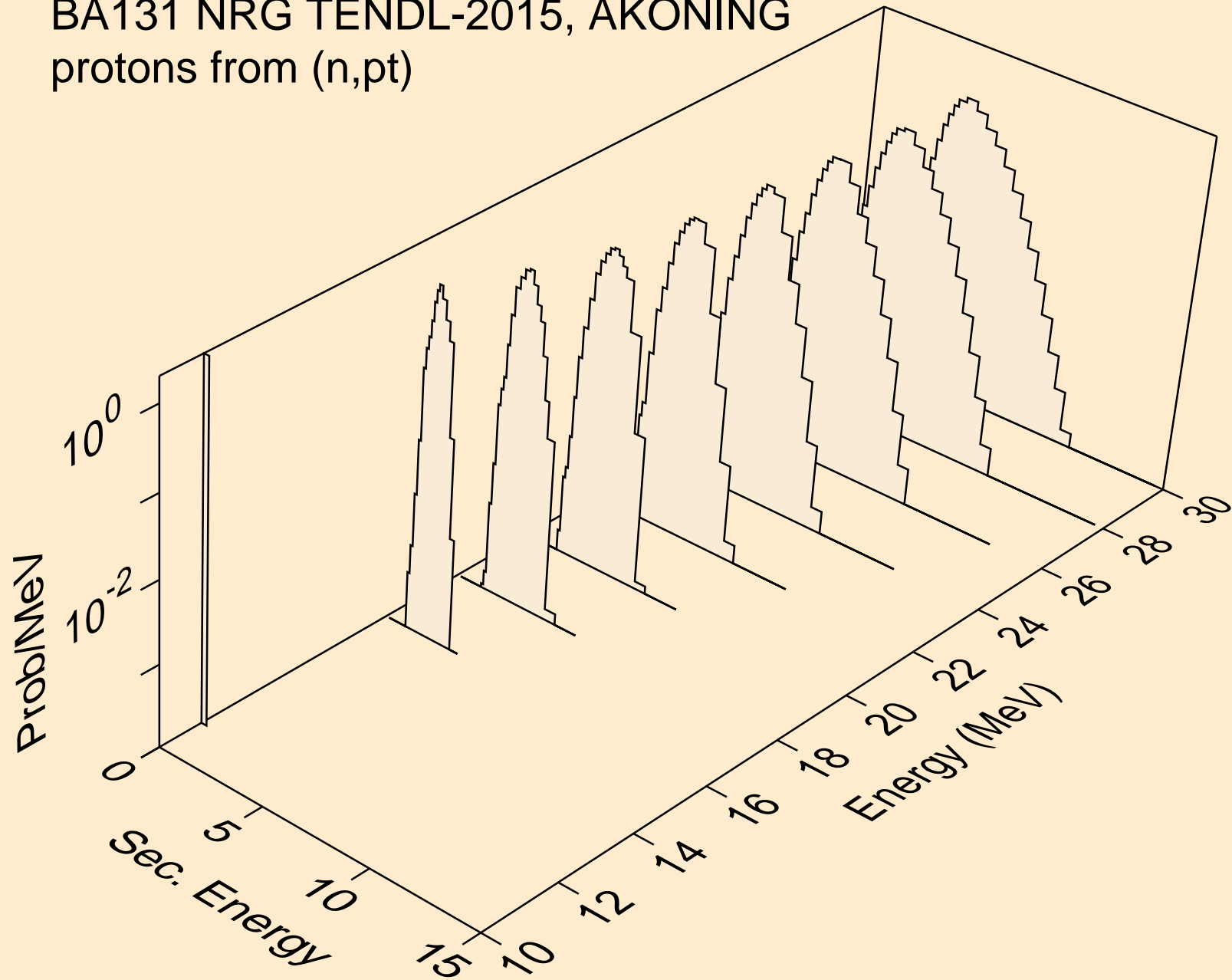
BA131 NRG TENDL-2015, AKONING  
protons from (n,pa)



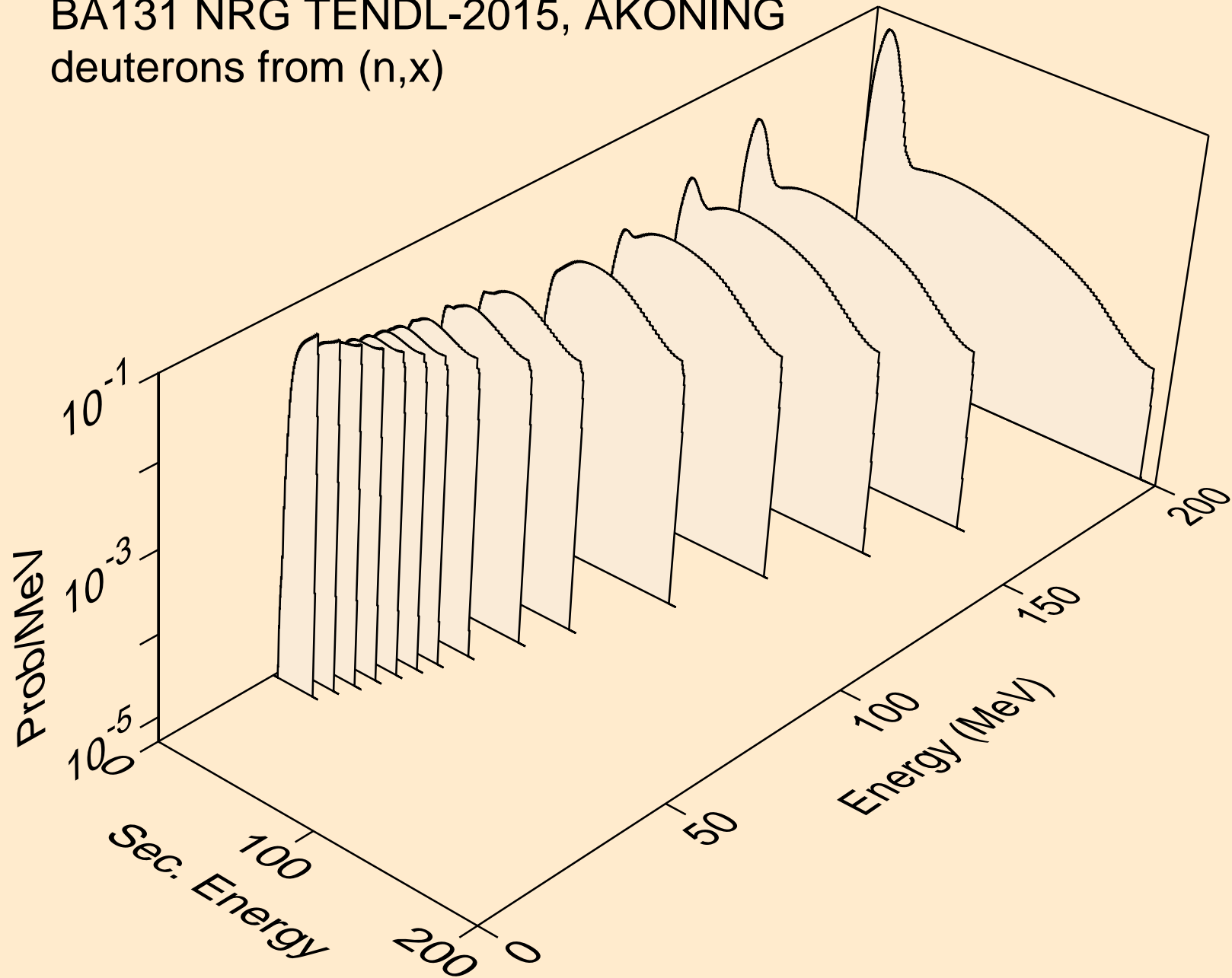
BA131 NRG TENDL-2015, AKONING  
protons from (n,pd)



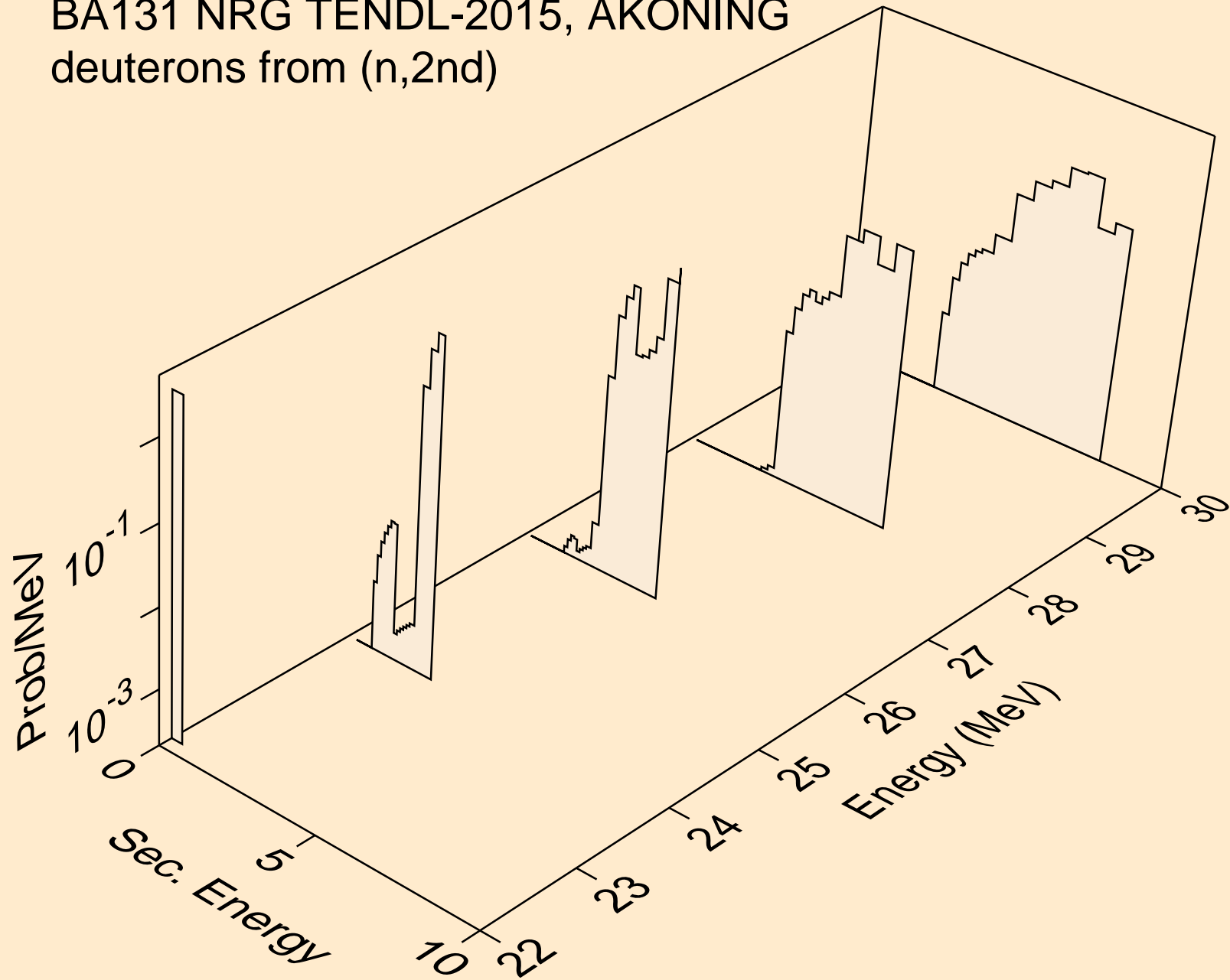
BA131 NRG TENDL-2015, AKONING  
protons from (n,pt)



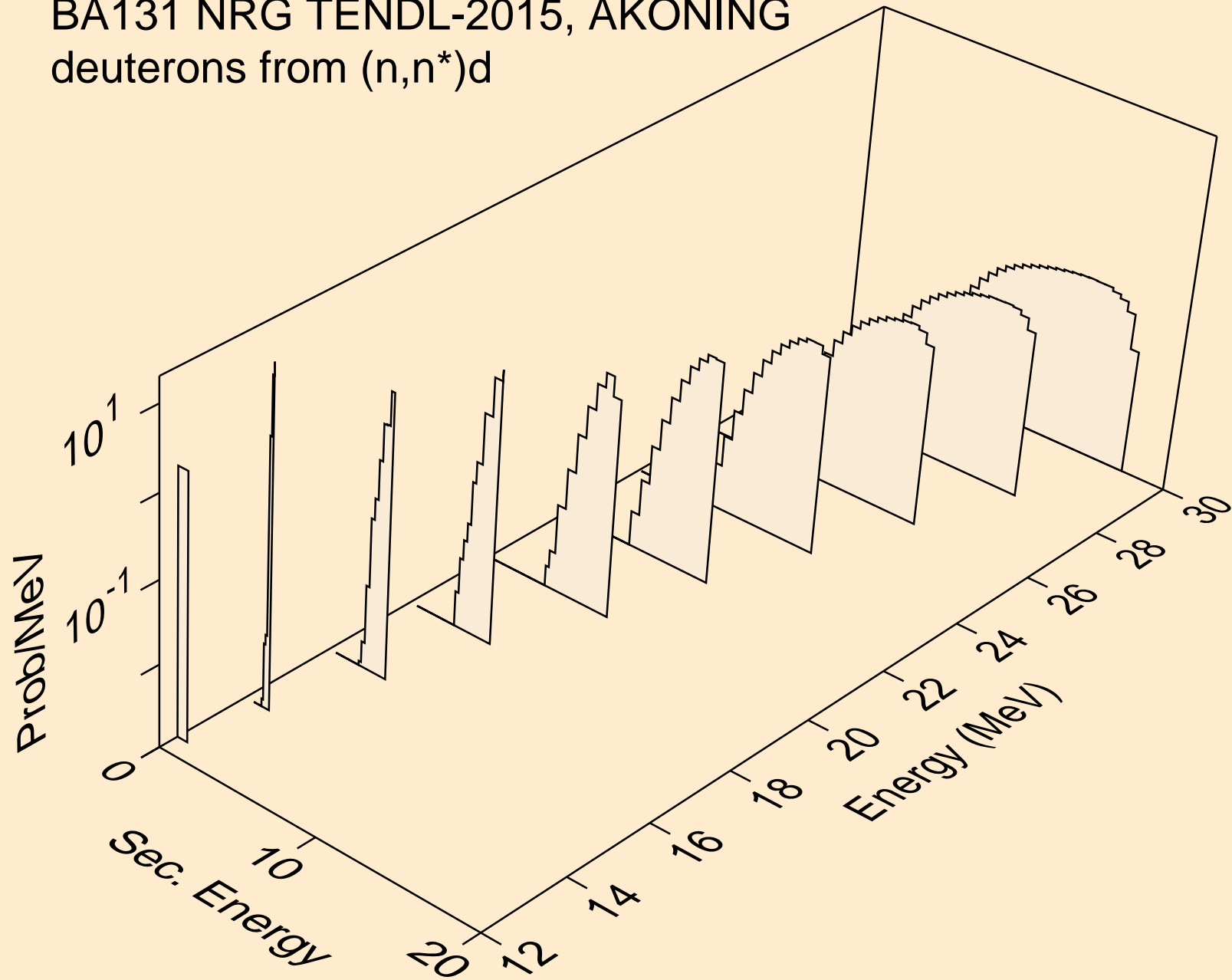
BA131 NRG TENDL-2015, AKONING  
deuterons from (n,x)



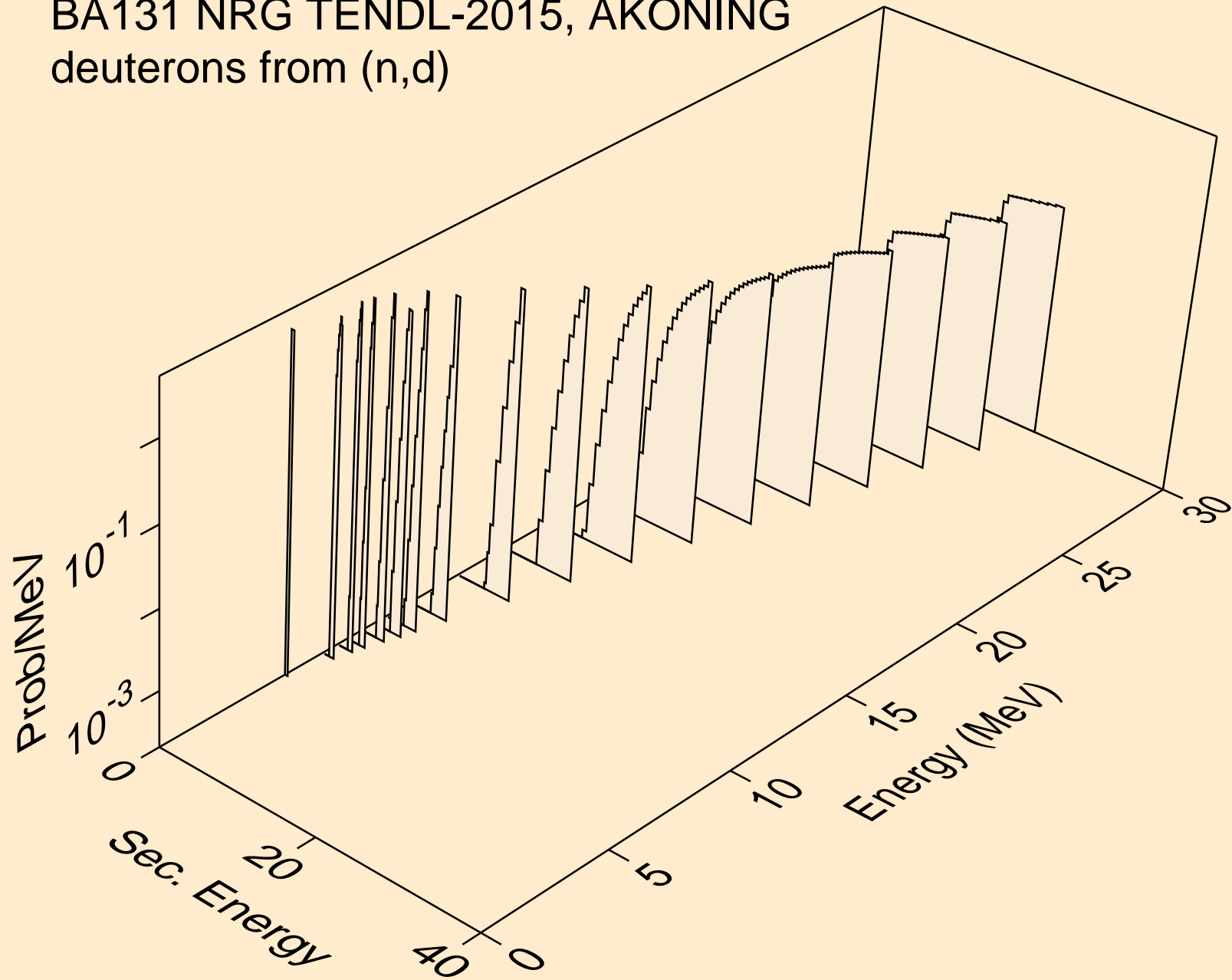
BA131 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



BA131 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d

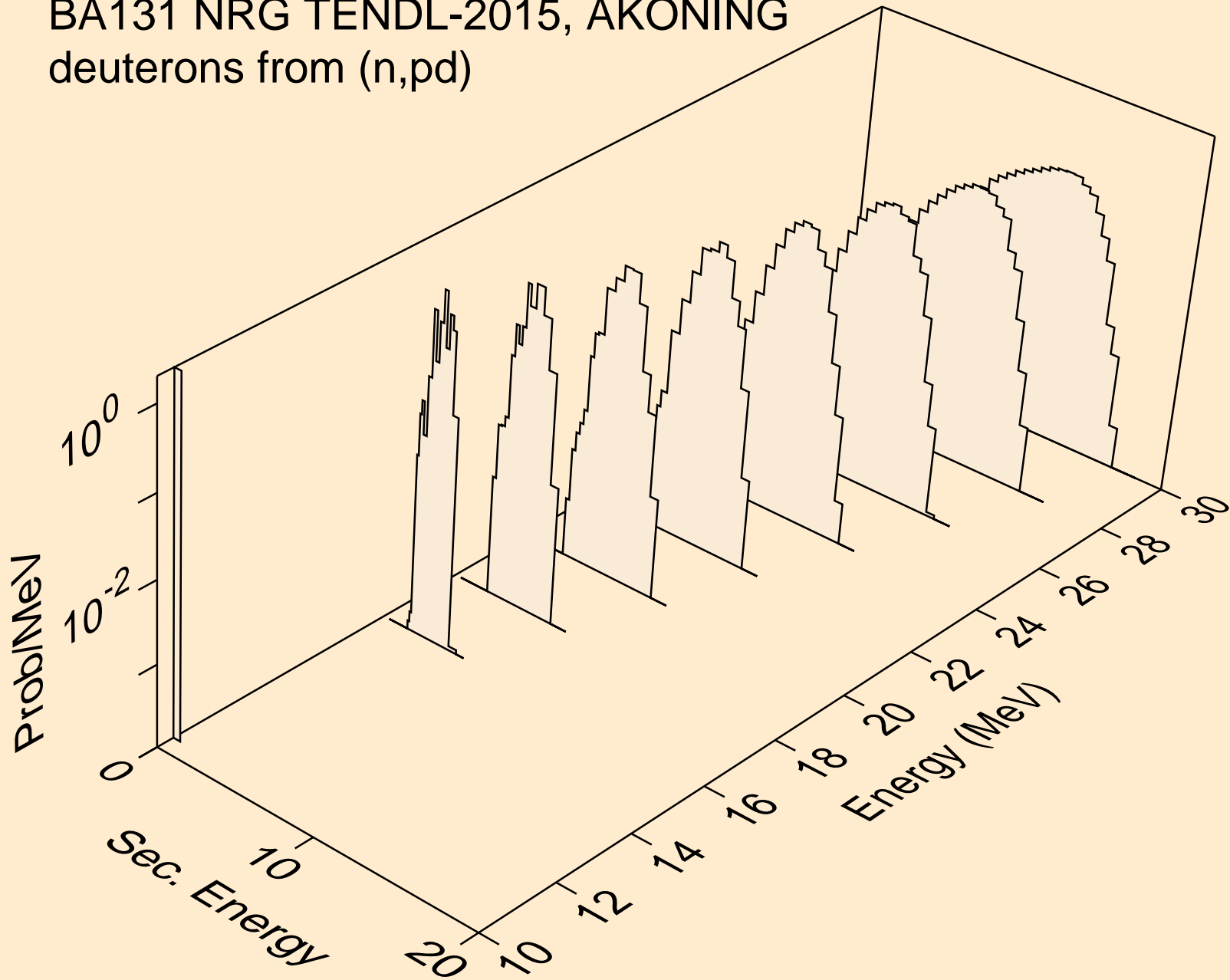


BA131 NRG TENDL-2015, AKONING  
deuterons from (n,d)

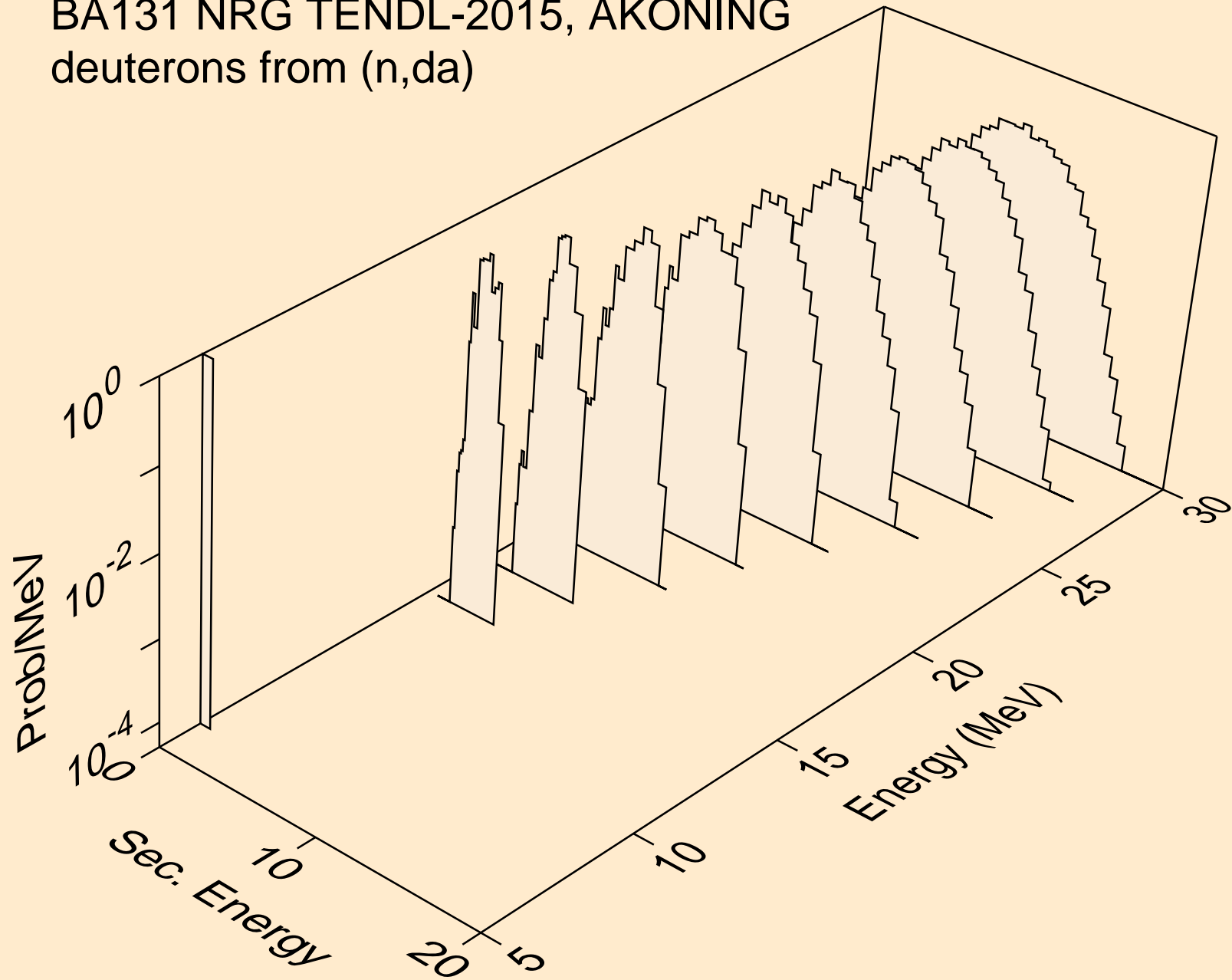




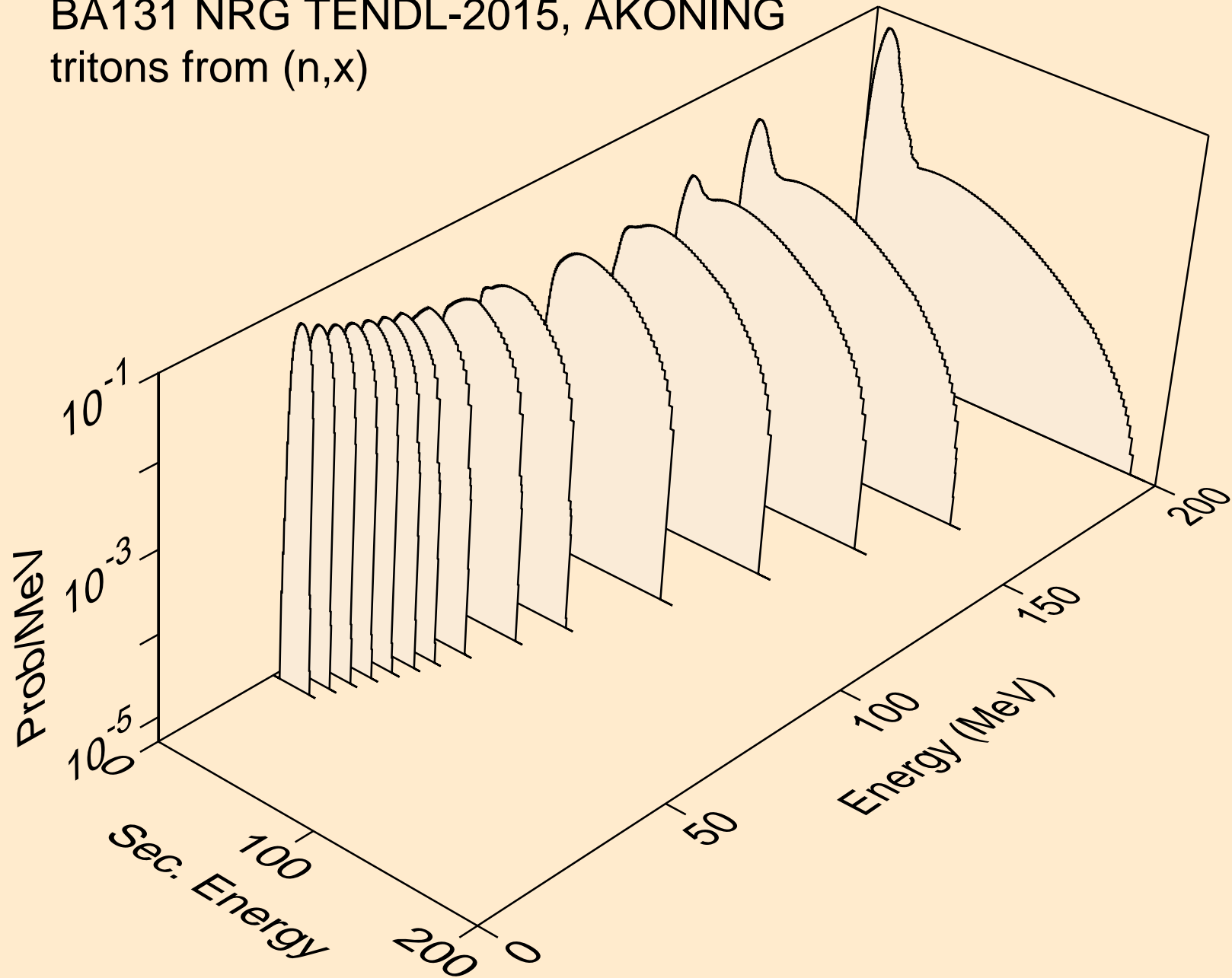
BA131 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



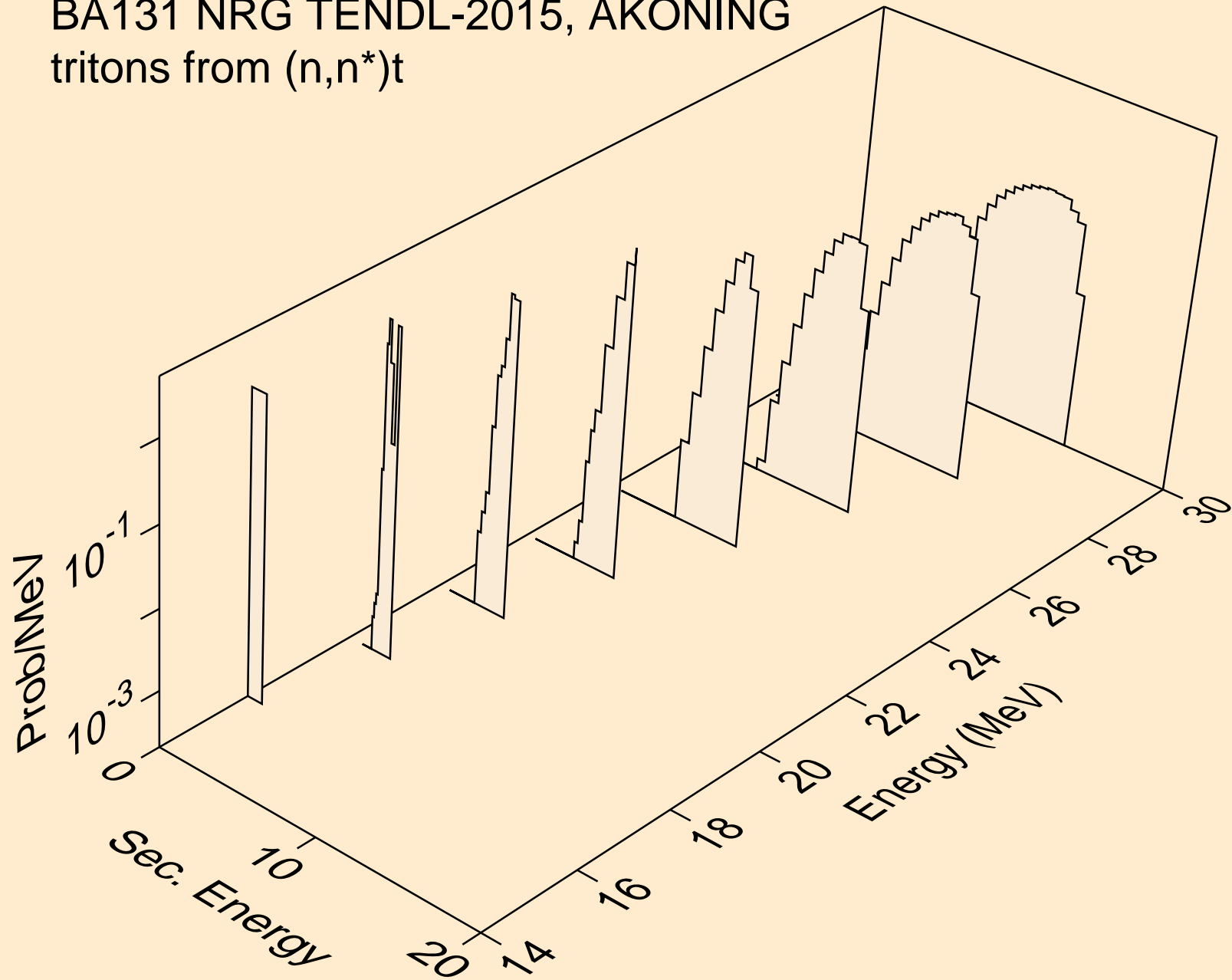
BA131 NRG TENDL-2015, AKONING  
deuterons from (n,da)



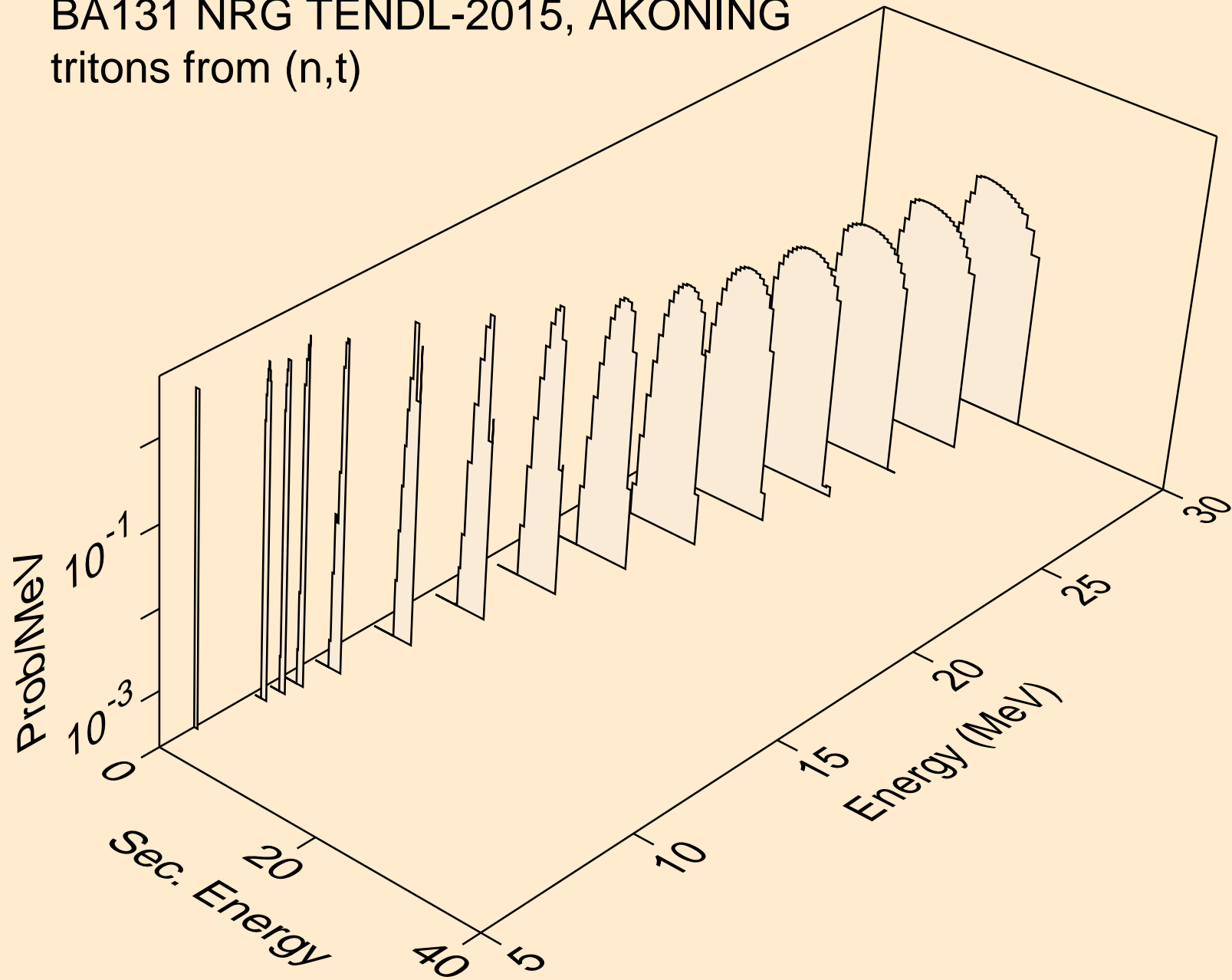
BA131 NRG TENDL-2015, AKONING  
tritons from (n,x)



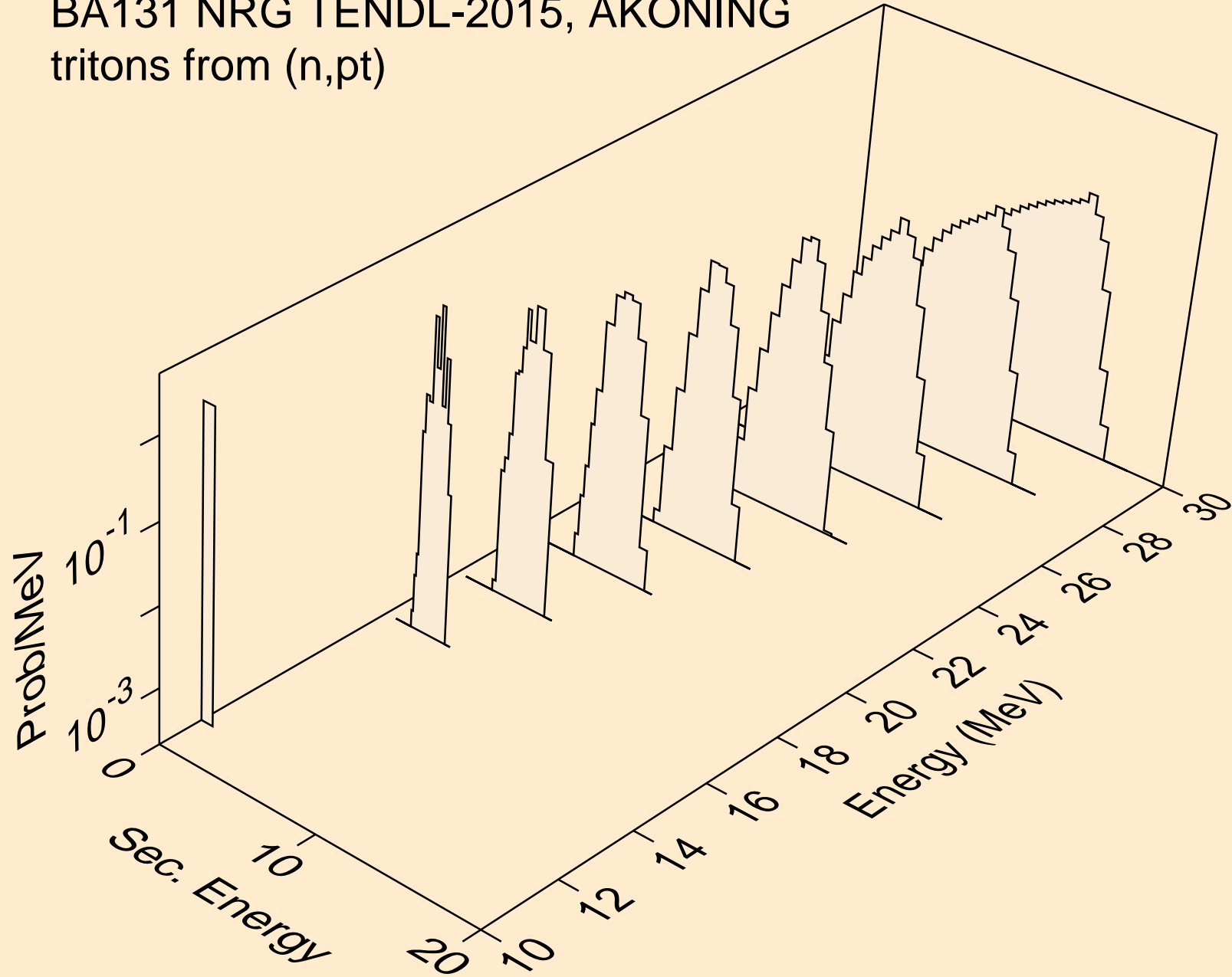
BA131 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



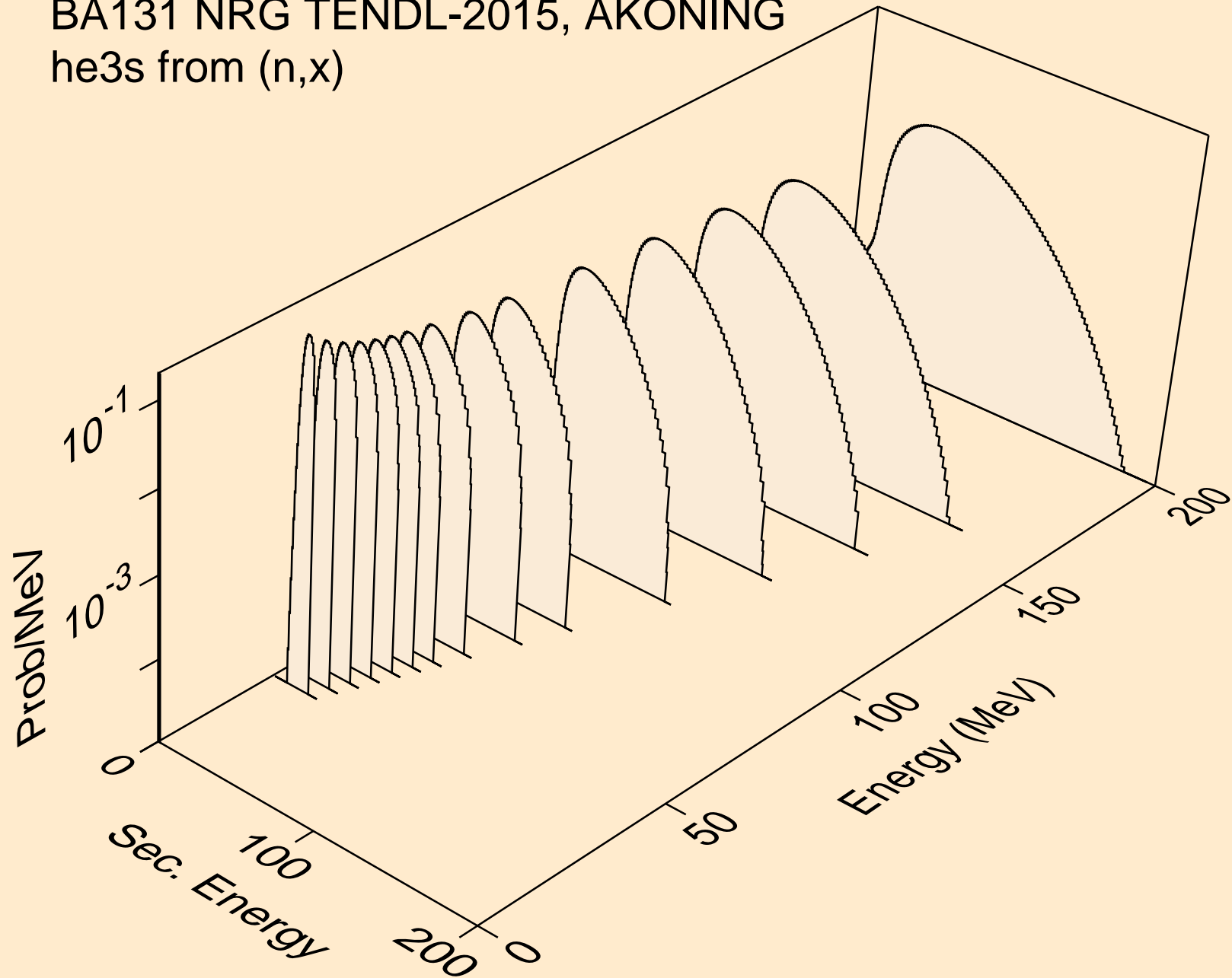
BA131 NRG TENDL-2015, AKONING  
tritons from (n,t)



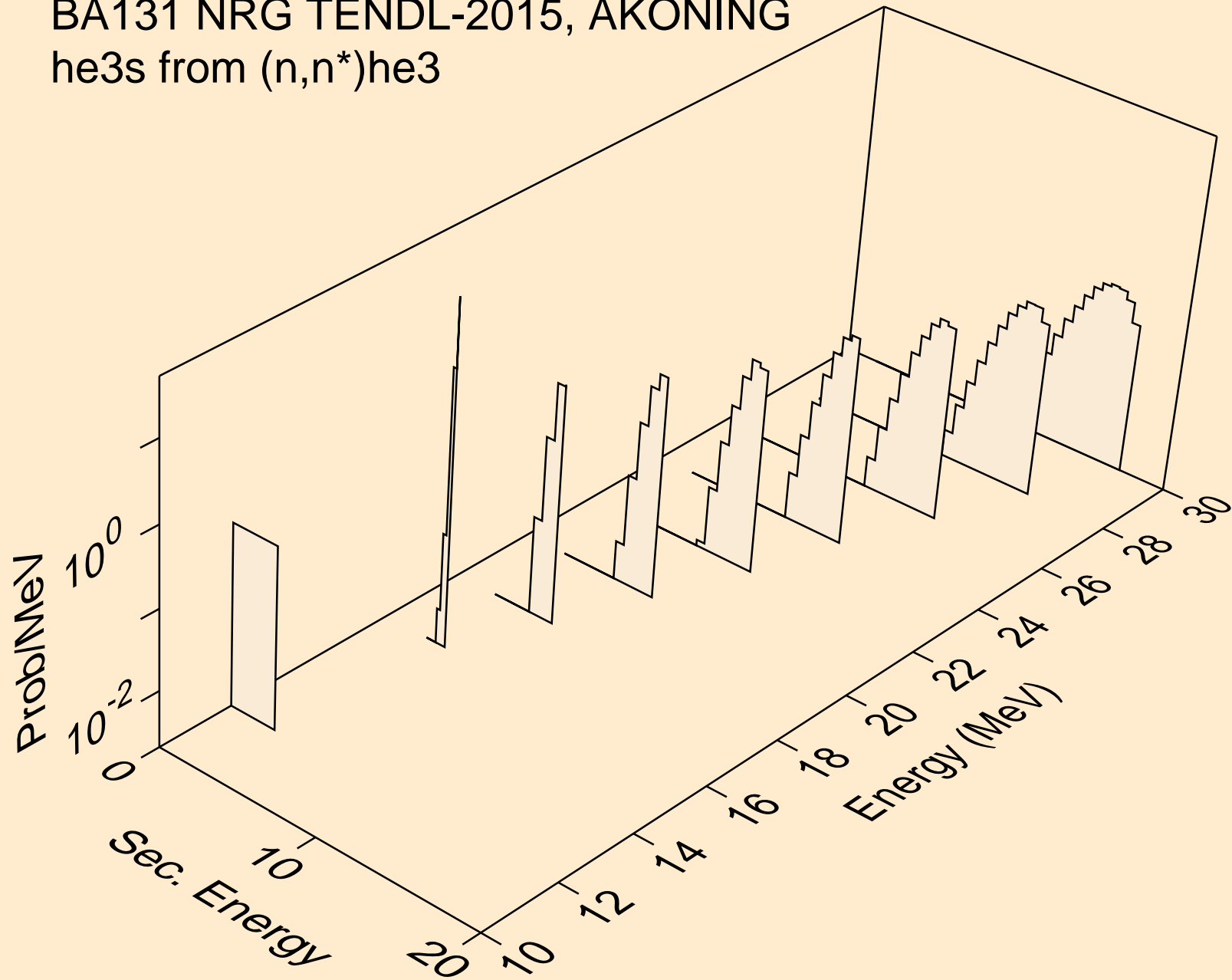
BA131 NRG TENDL-2015, AKONING  
tritons from (n,pt)



BA131 NRG TENDL-2015, AKONING  
he3s from (n,x)

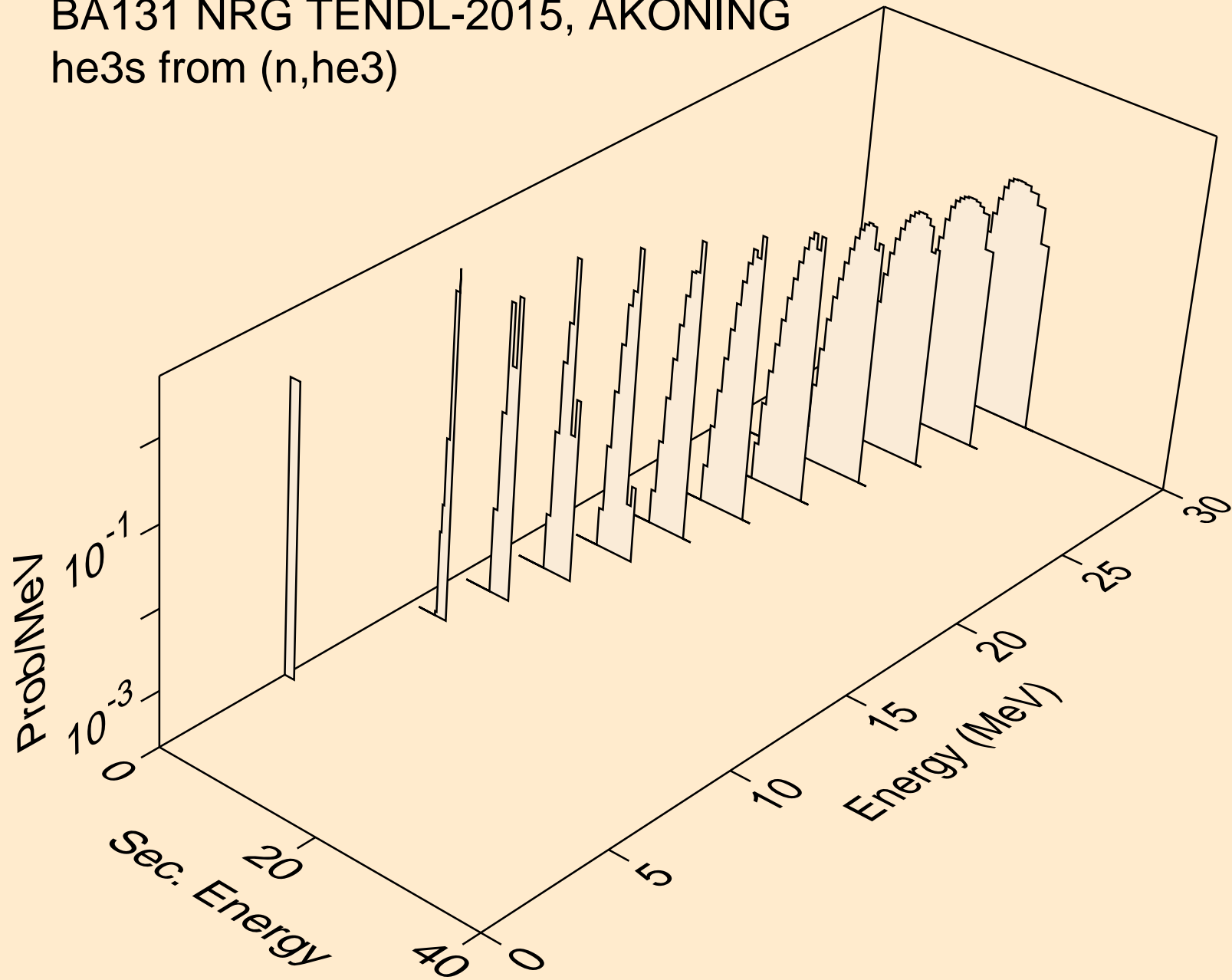


BA131 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3

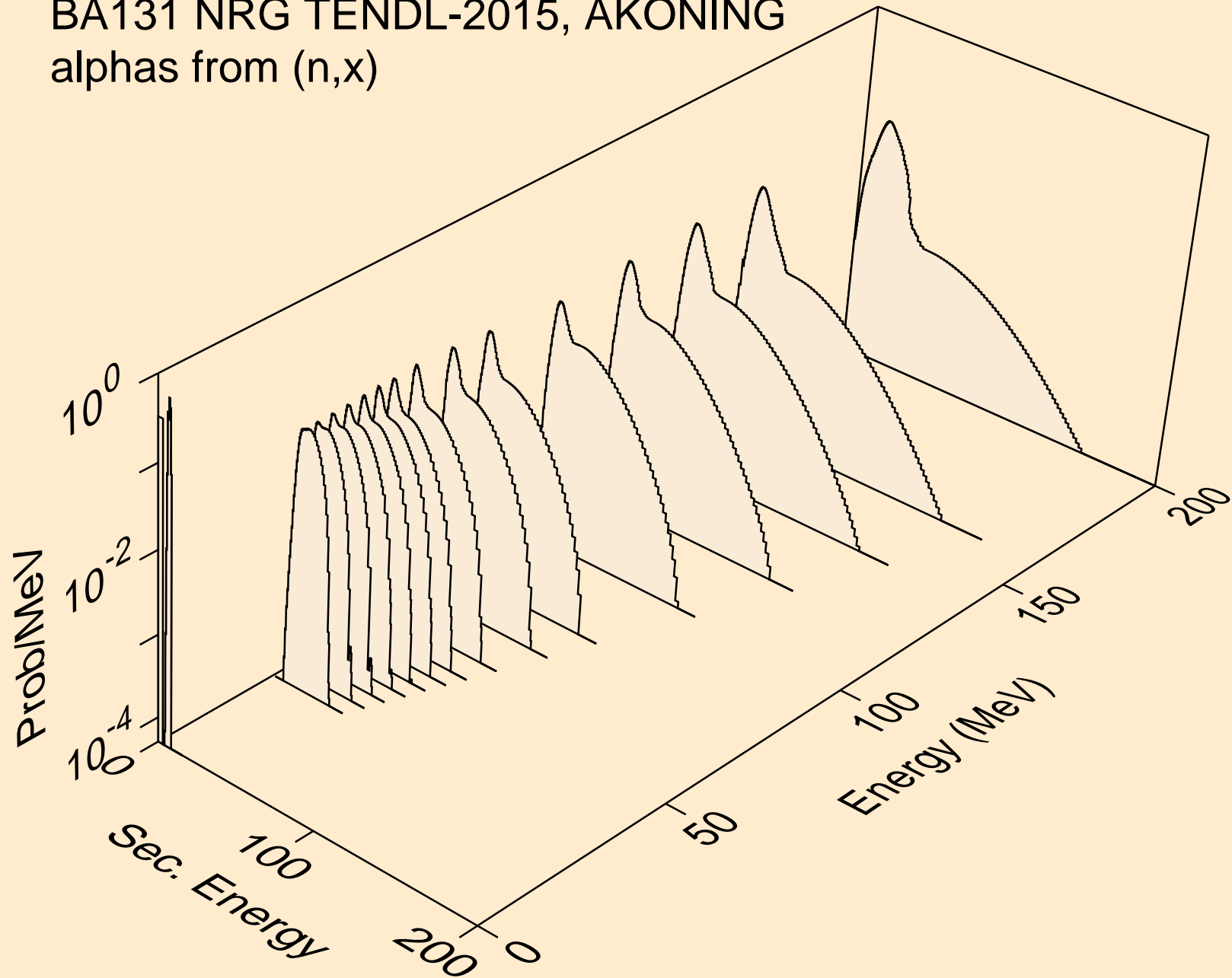




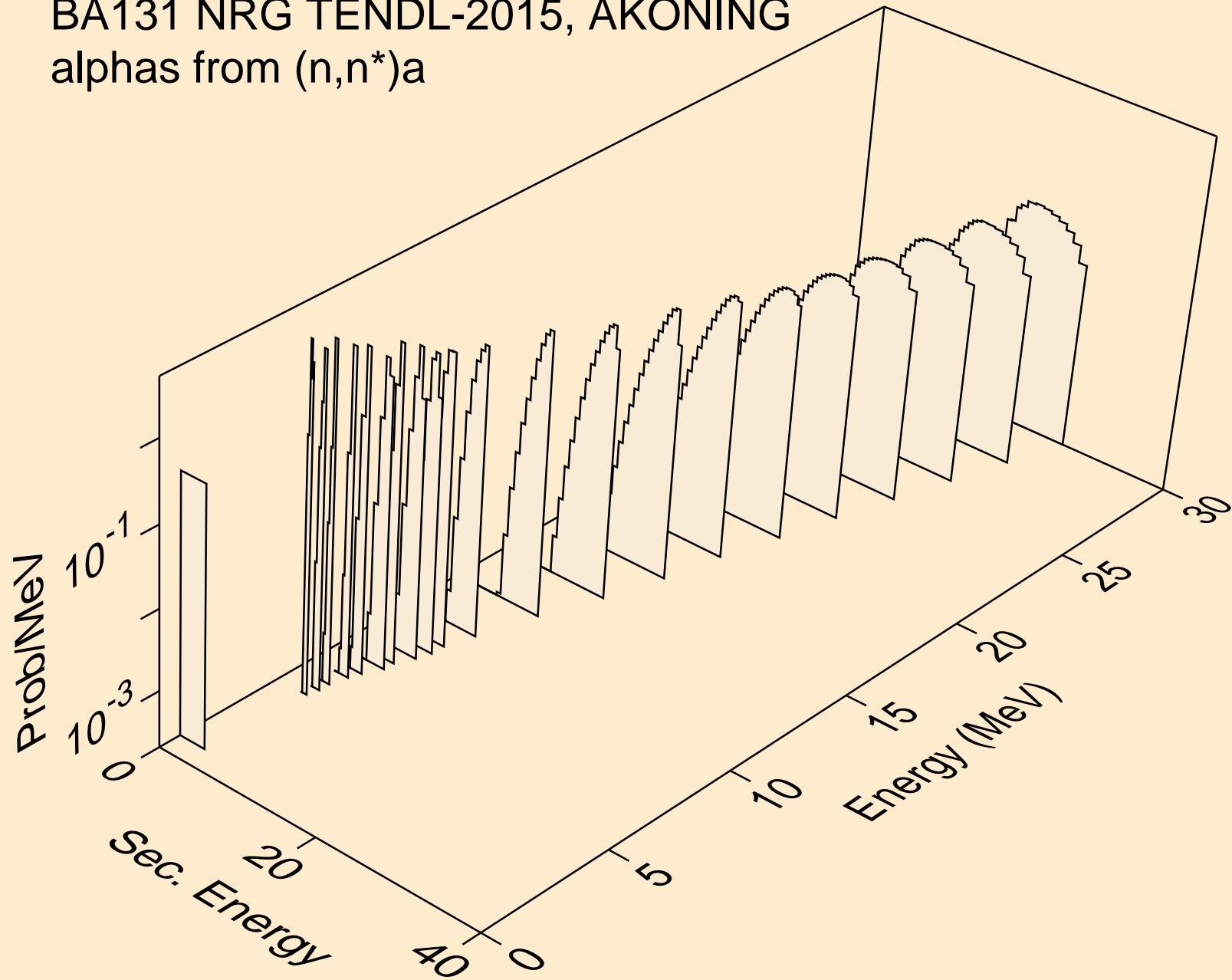
BA131 NRG TENDL-2015, AKONING  
he3s from (n,he3)



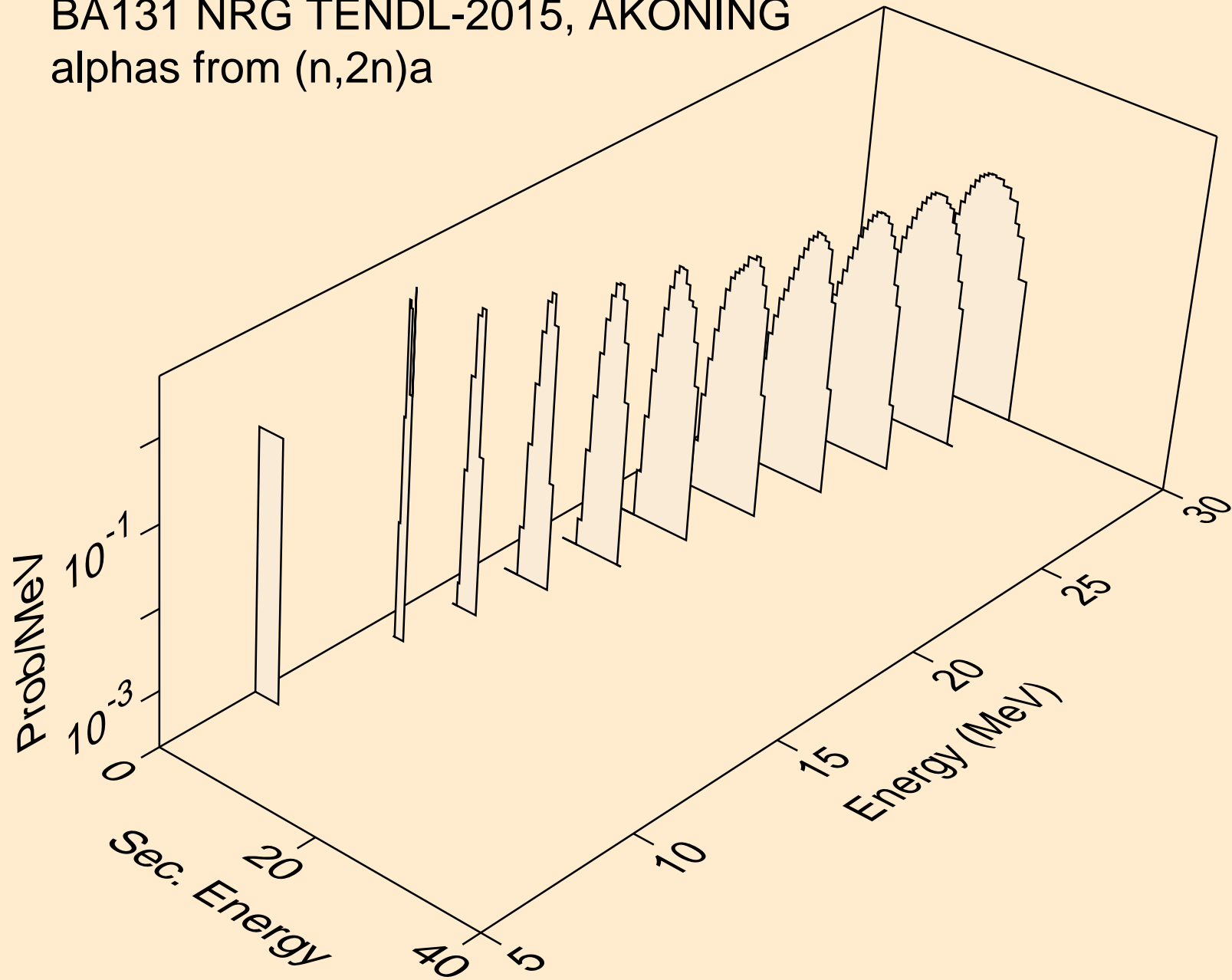
BA131 NRG TENDL-2015, AKONING  
alphas from (n,x)



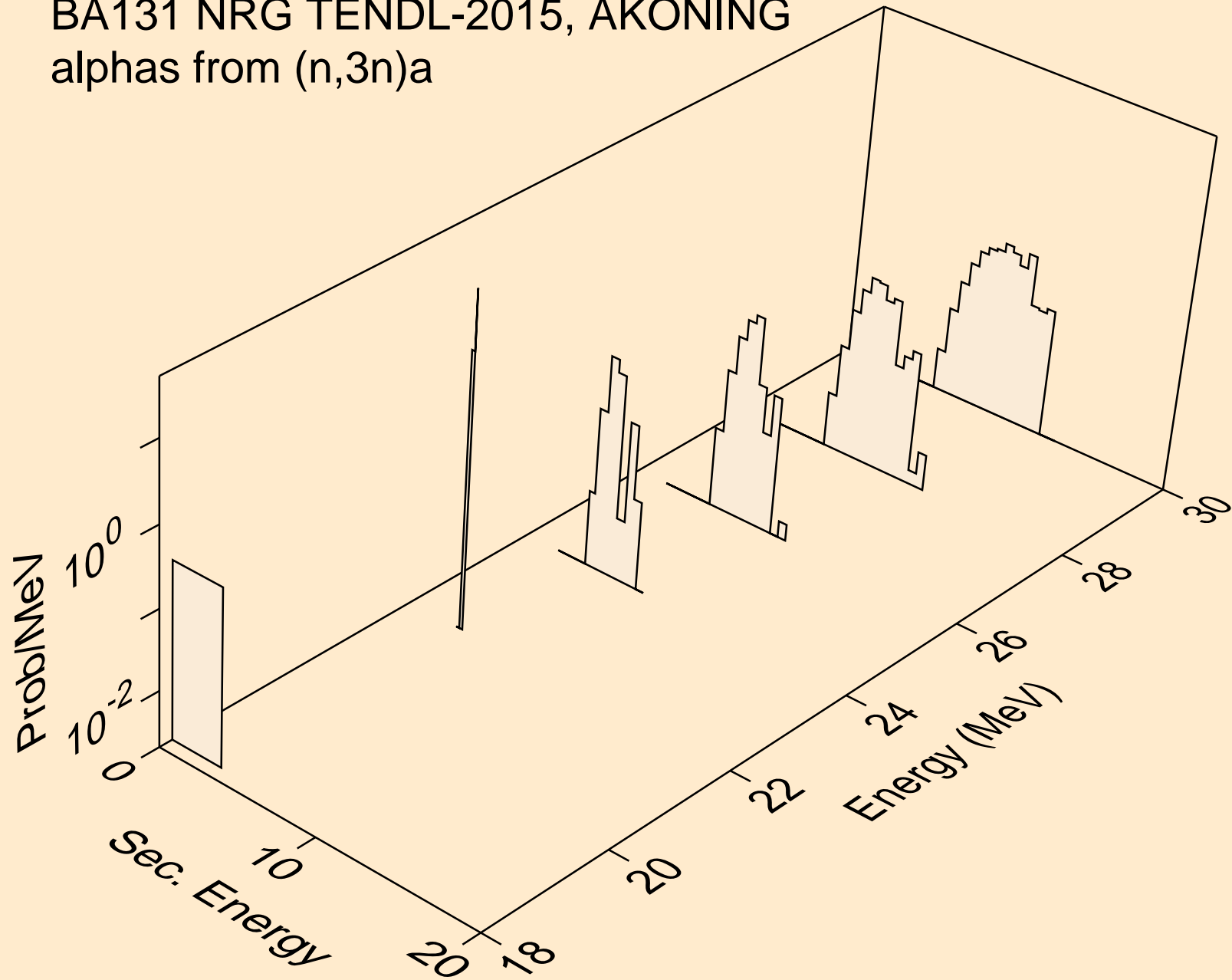
BA131 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



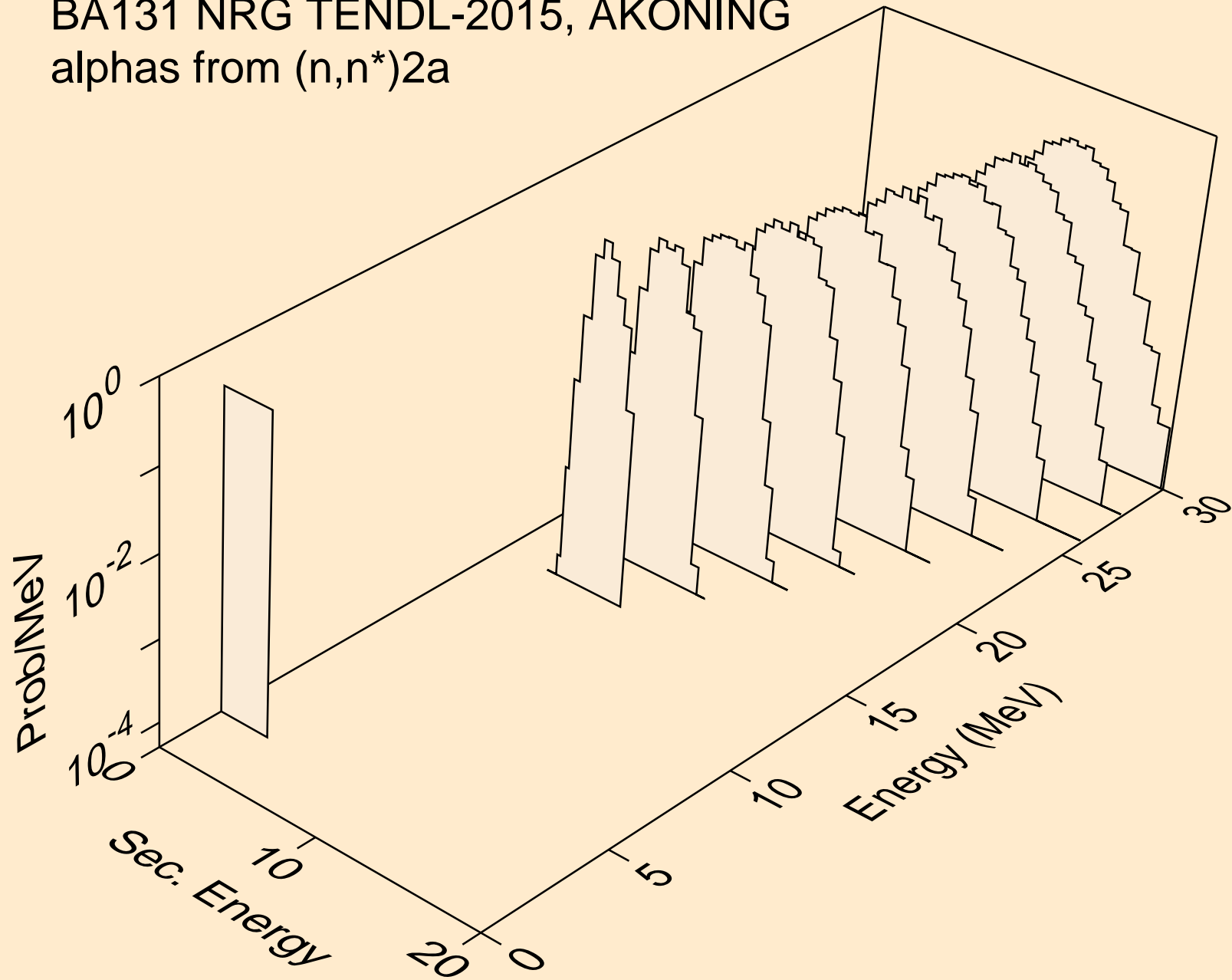
BA131 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



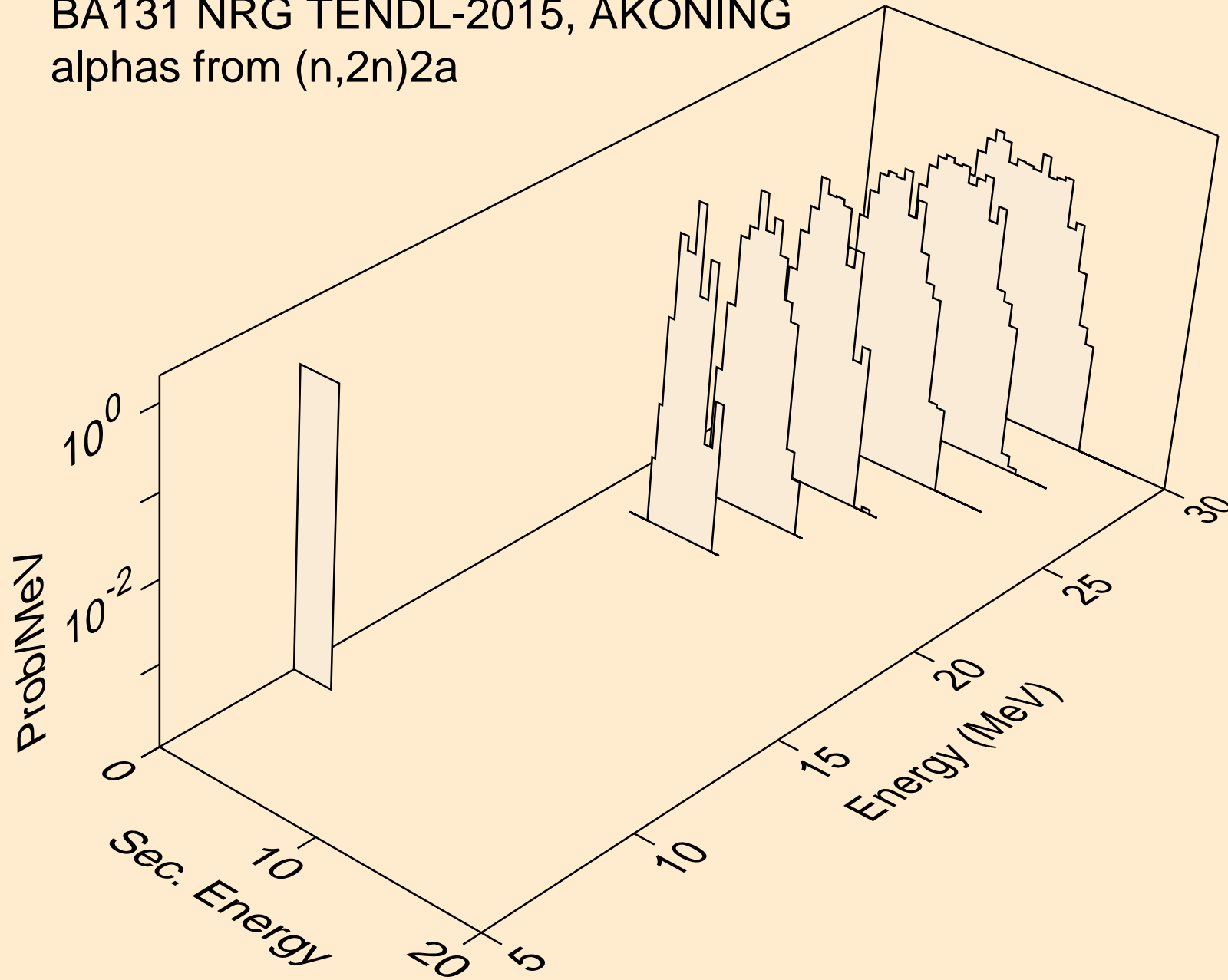
BA131 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



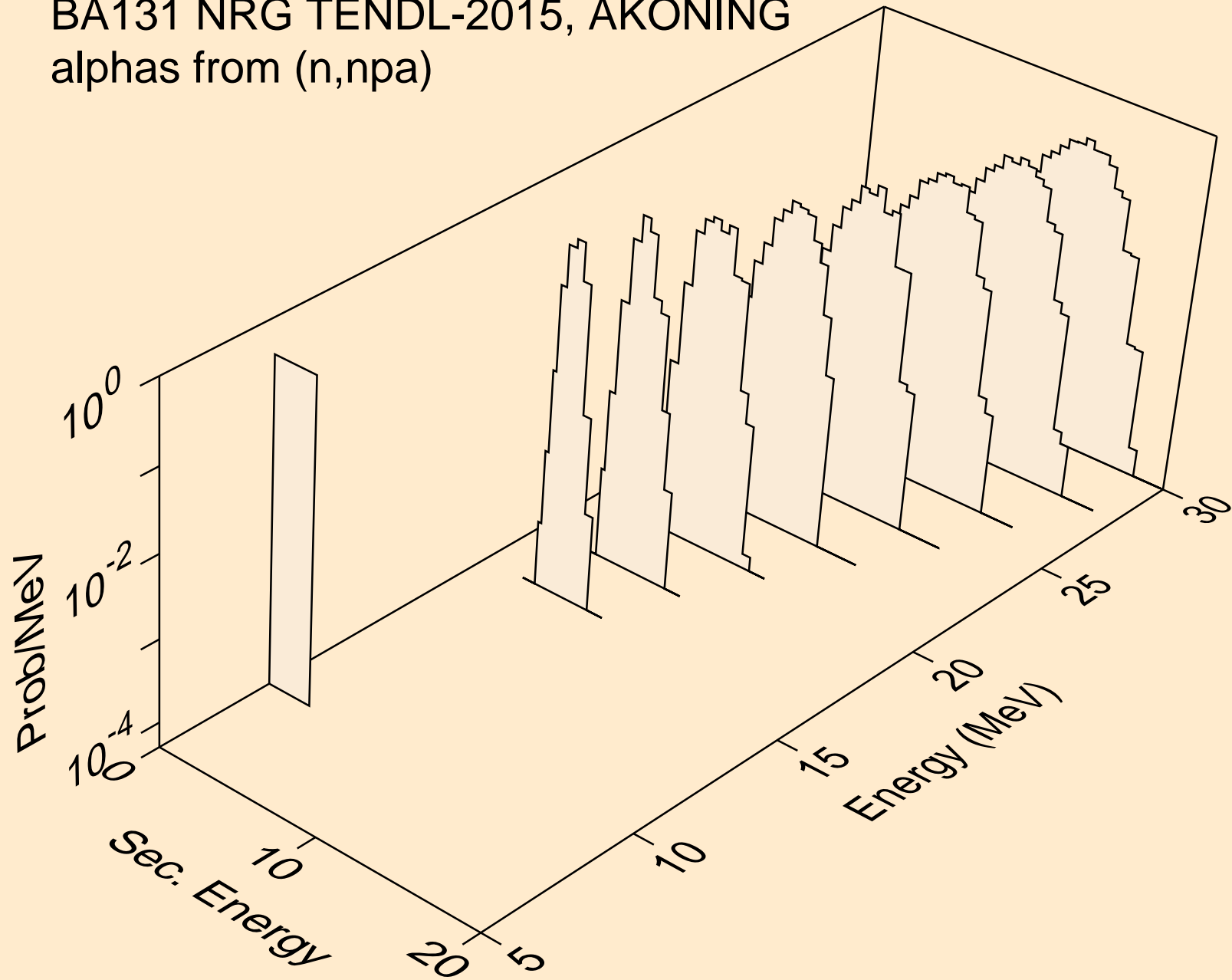
BA131 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



BA131 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a

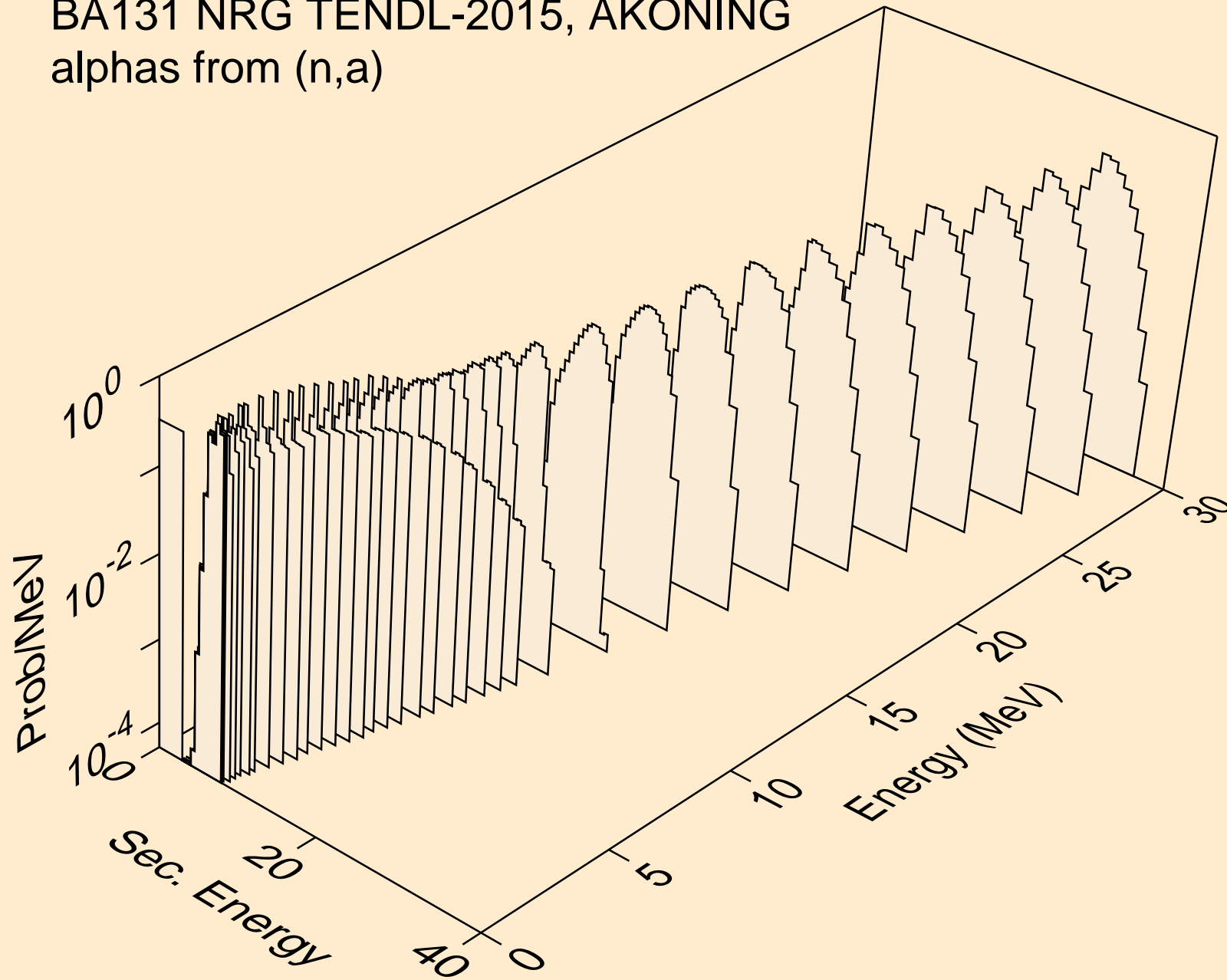


BA131 NRG TENDL-2015, AKONING  
alphas from (n,npa)

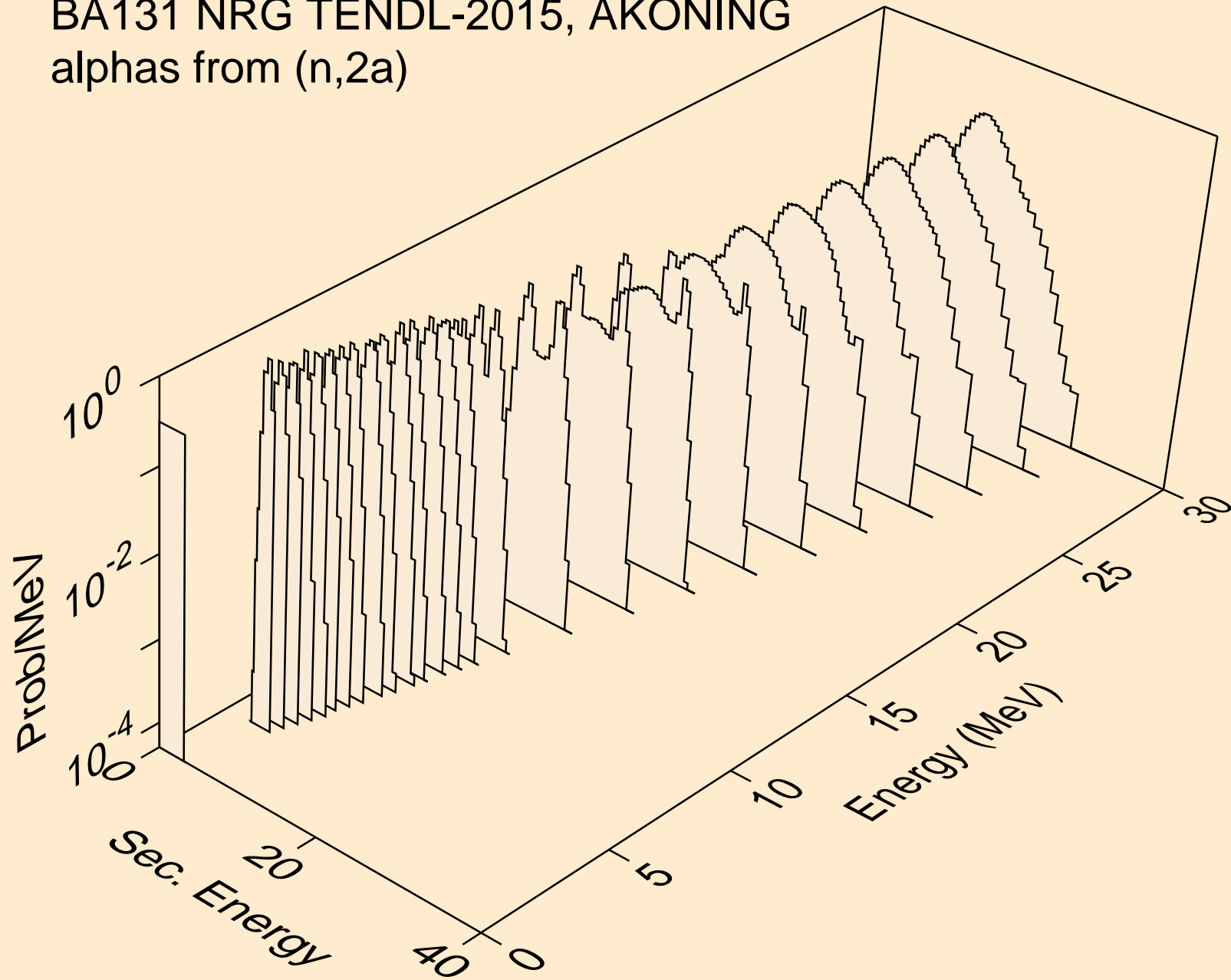




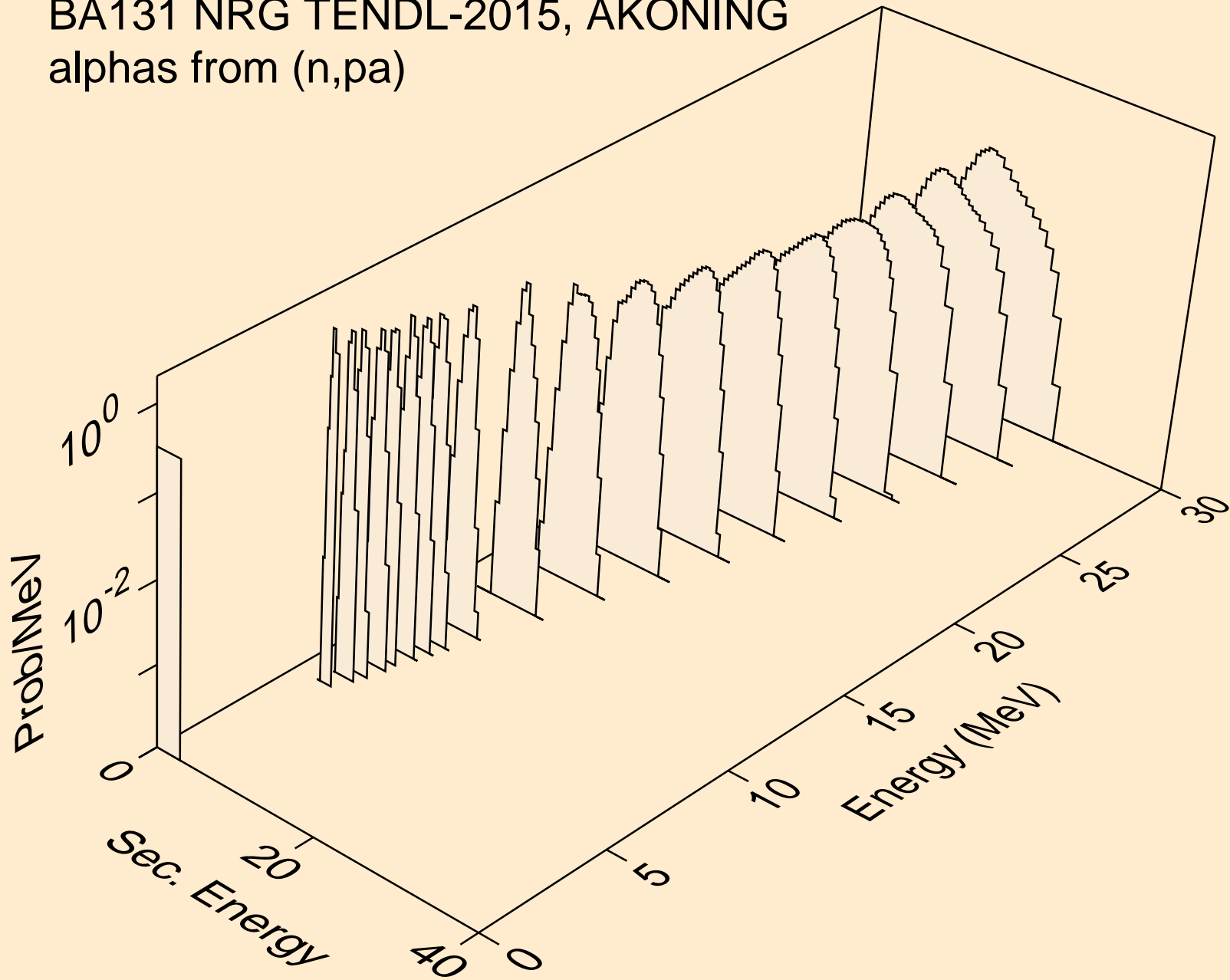
BA131 NRG TENDL-2015, AKONING  
alphas from (n,a)



BA131 NRG TENDL-2015, AKONING  
alphas from (n,2a)



BA131 NRG TENDL-2015, AKONING  
alphas from (n,pa)



BA131 NRG TENDL-2015, AKONING  
alphas from (n,da)

