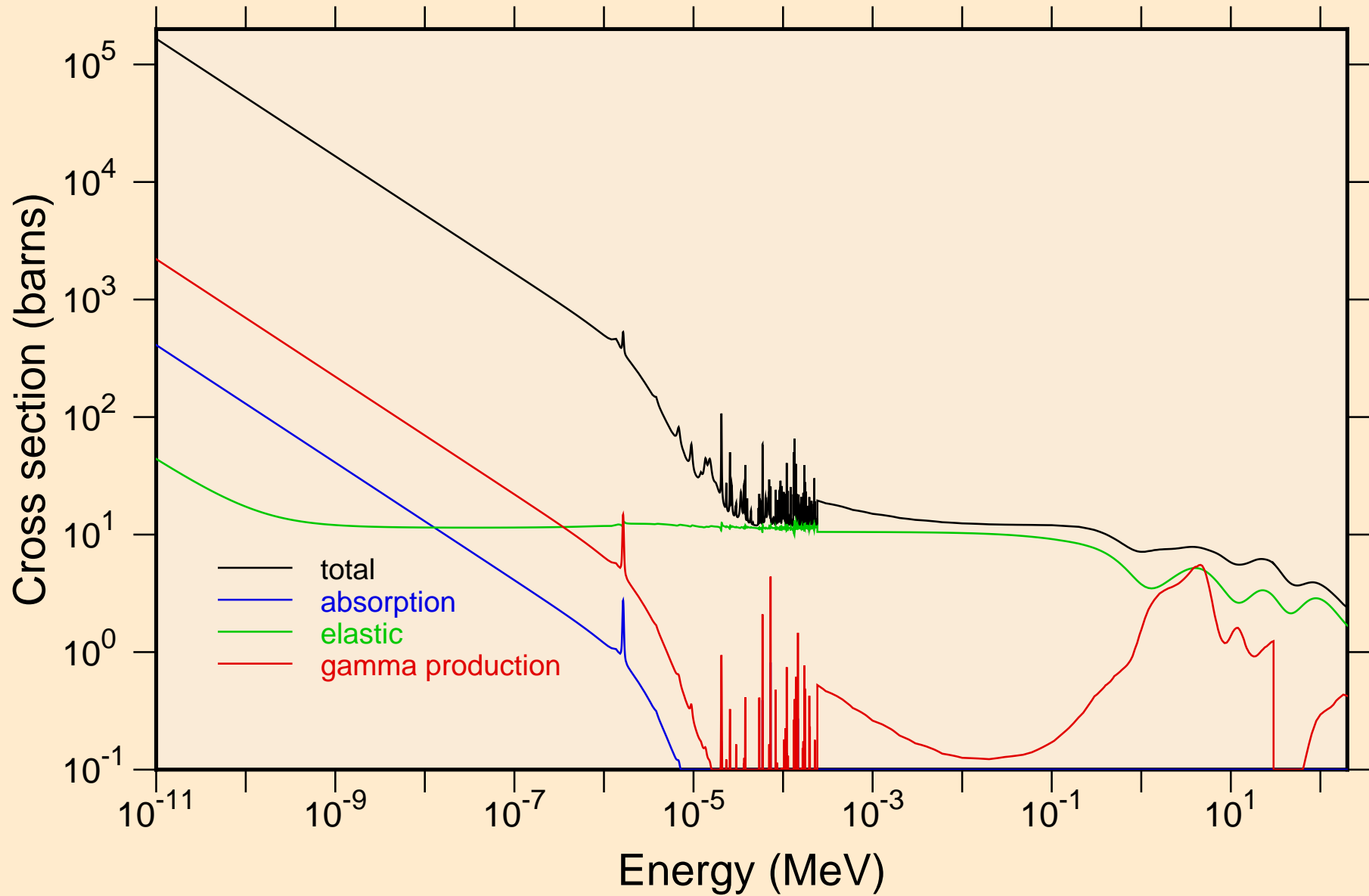
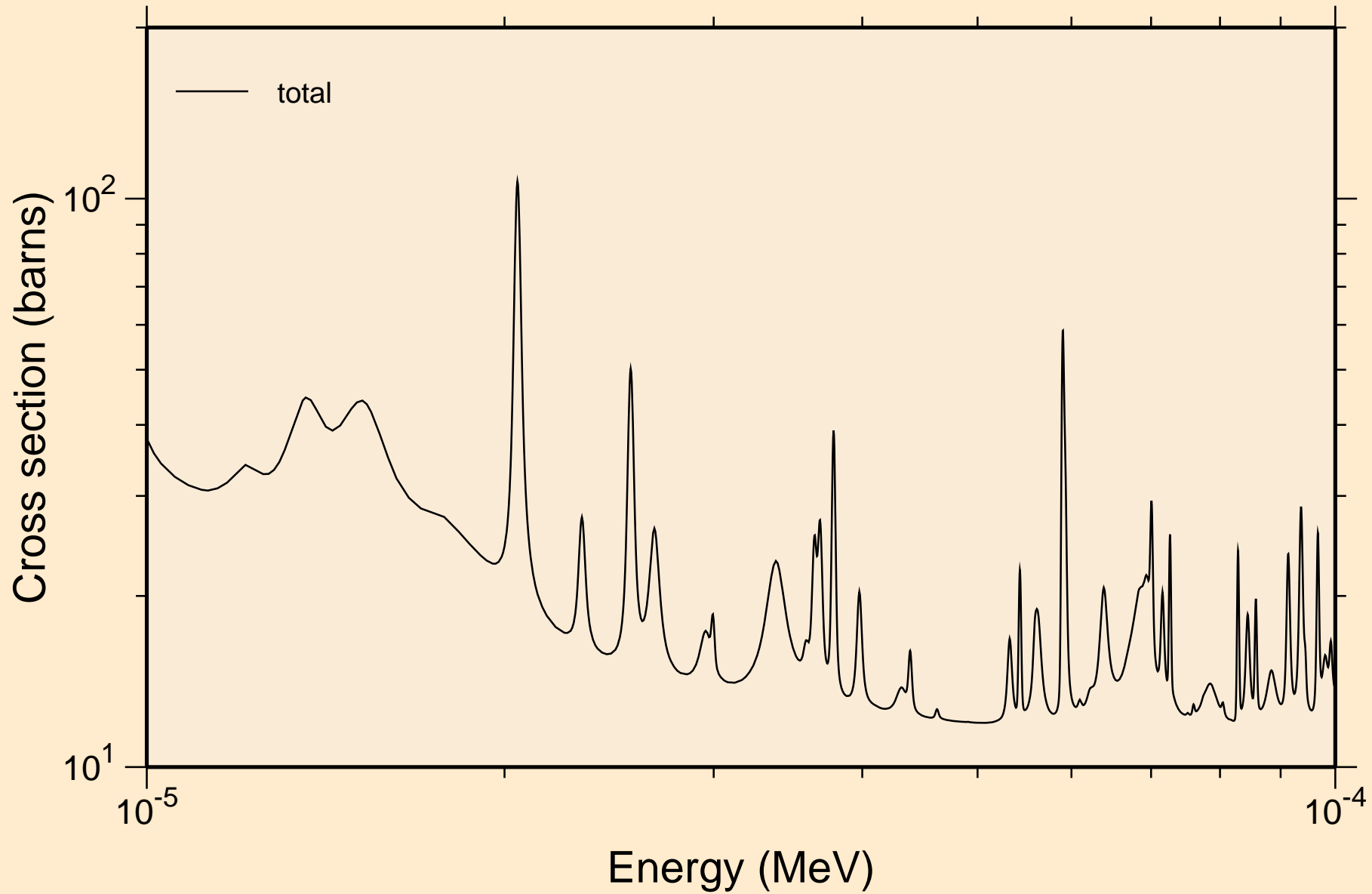


# PU237 NRG TENDL-2015, AKONING

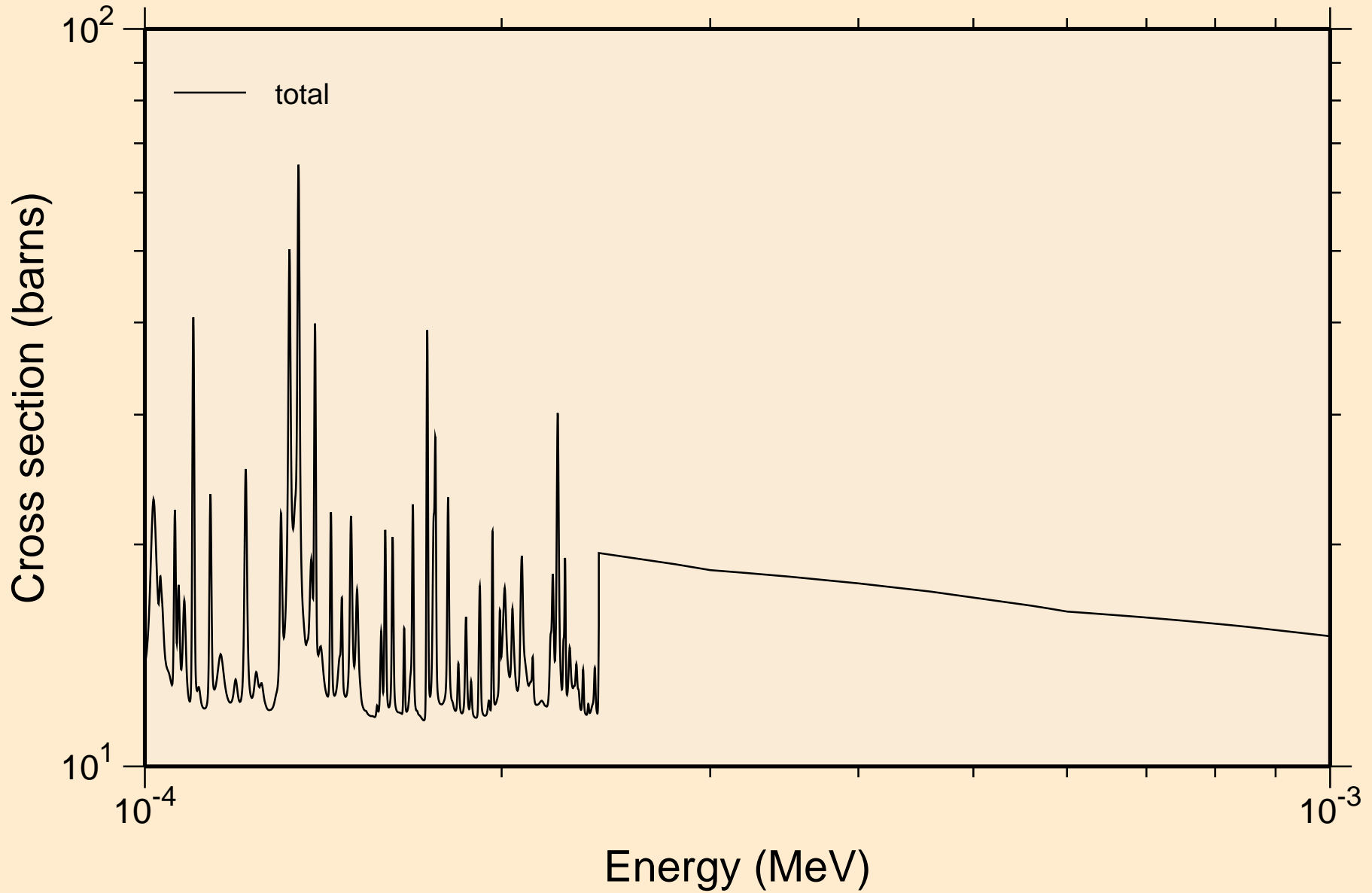
## Principal cross sections



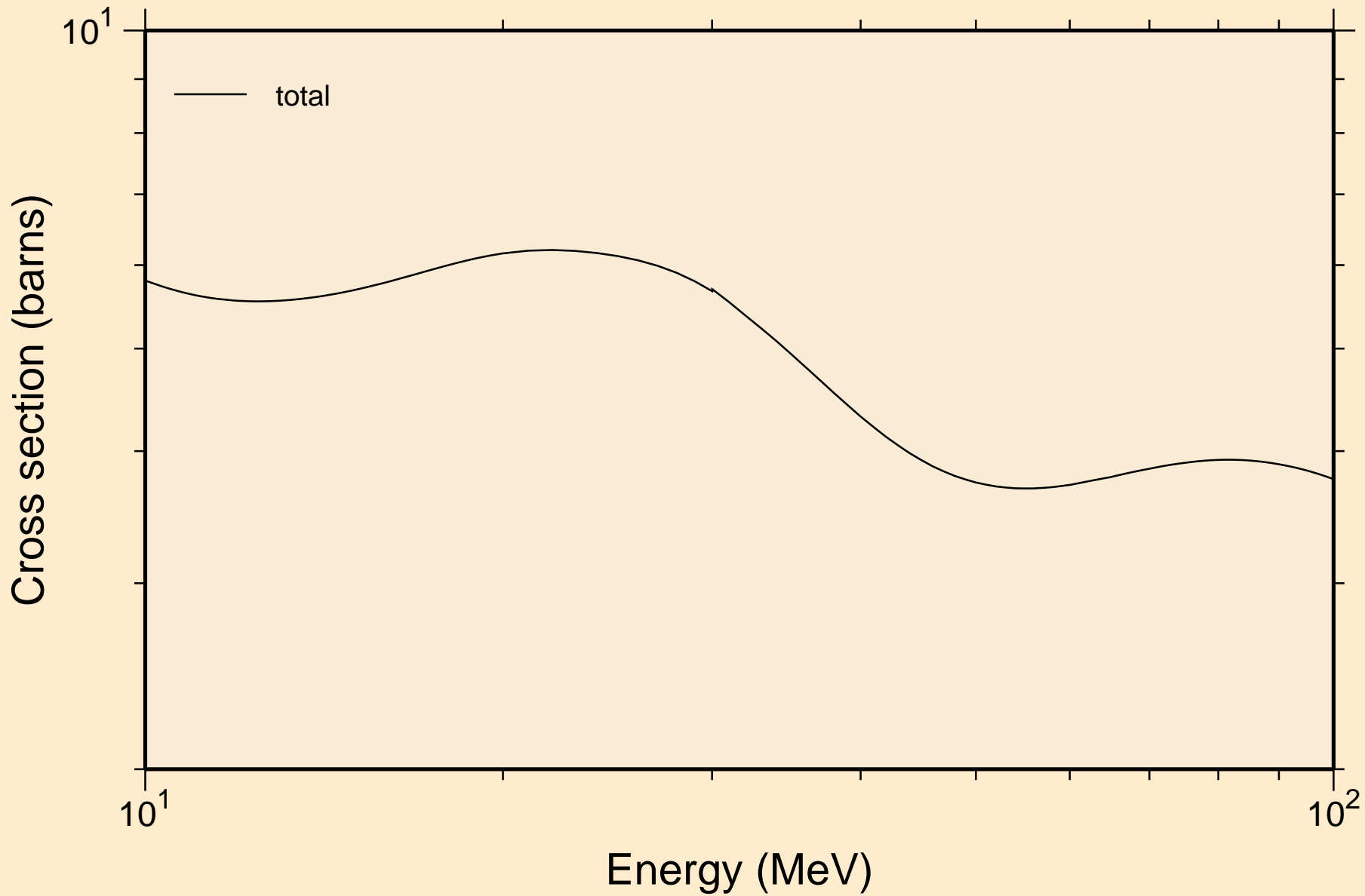
PU237 NRG TENDL-2015, AKONING  
resonance total cross section



PU237 NRG TENDL-2015, AKONING  
resonance total cross section

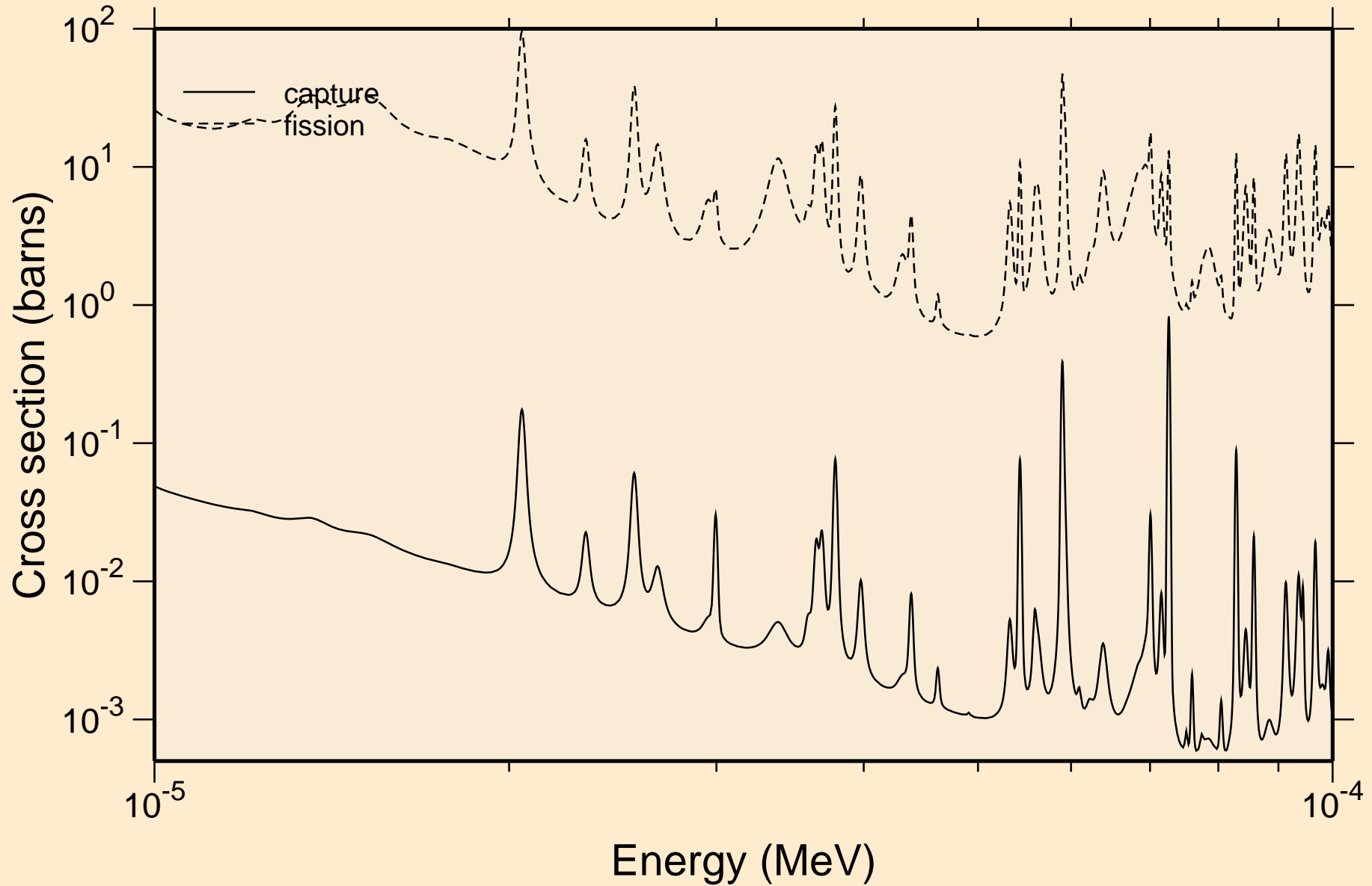


PU237 NRG TENDL-2015, AKONING  
resonance total cross section

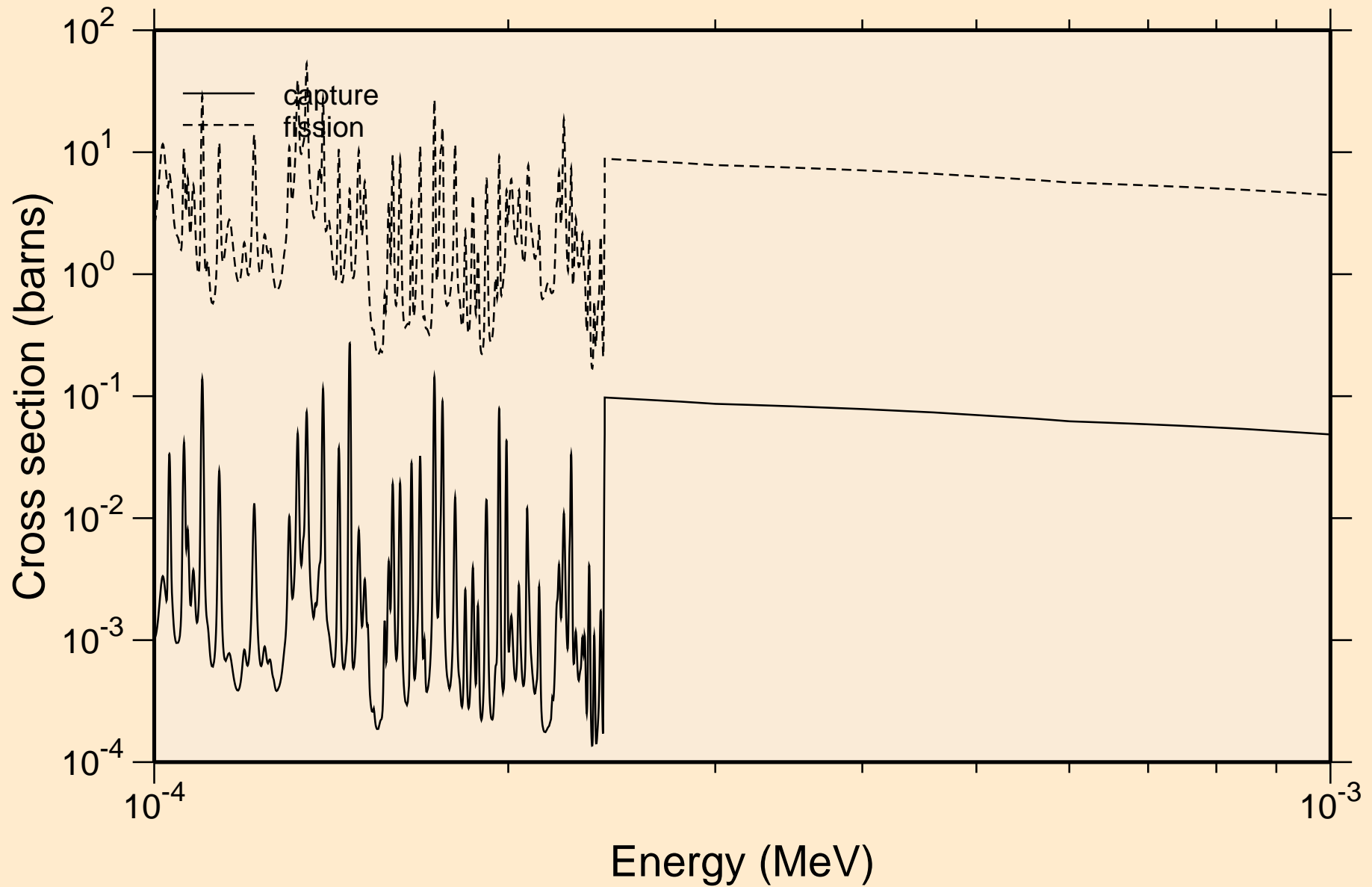


# PU237 NRG TENDL-2015, AKONING

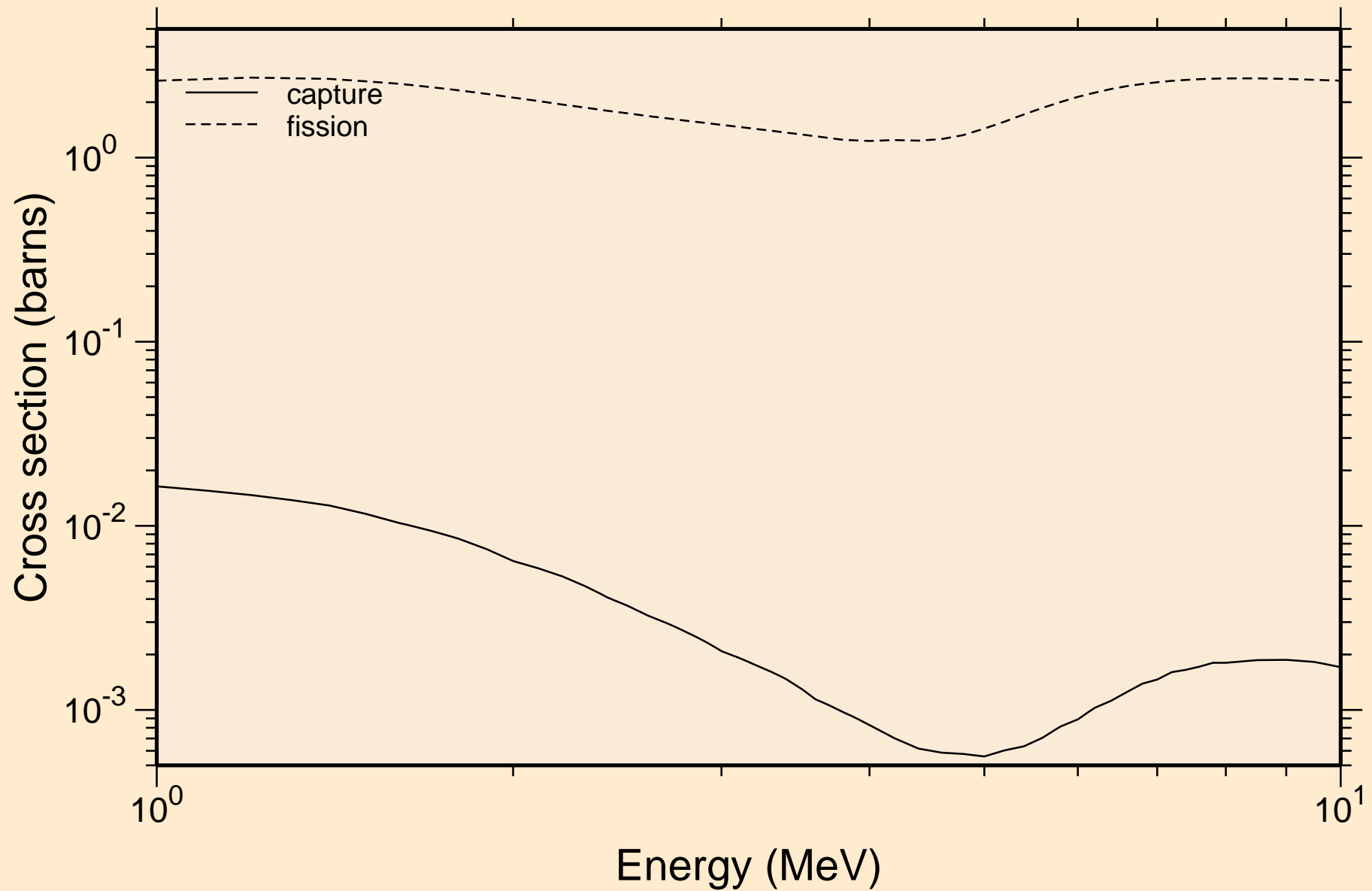
## resonance absorption cross sections



PU237 NRG TENDL-2015, AKONING  
resonance absorption cross sections

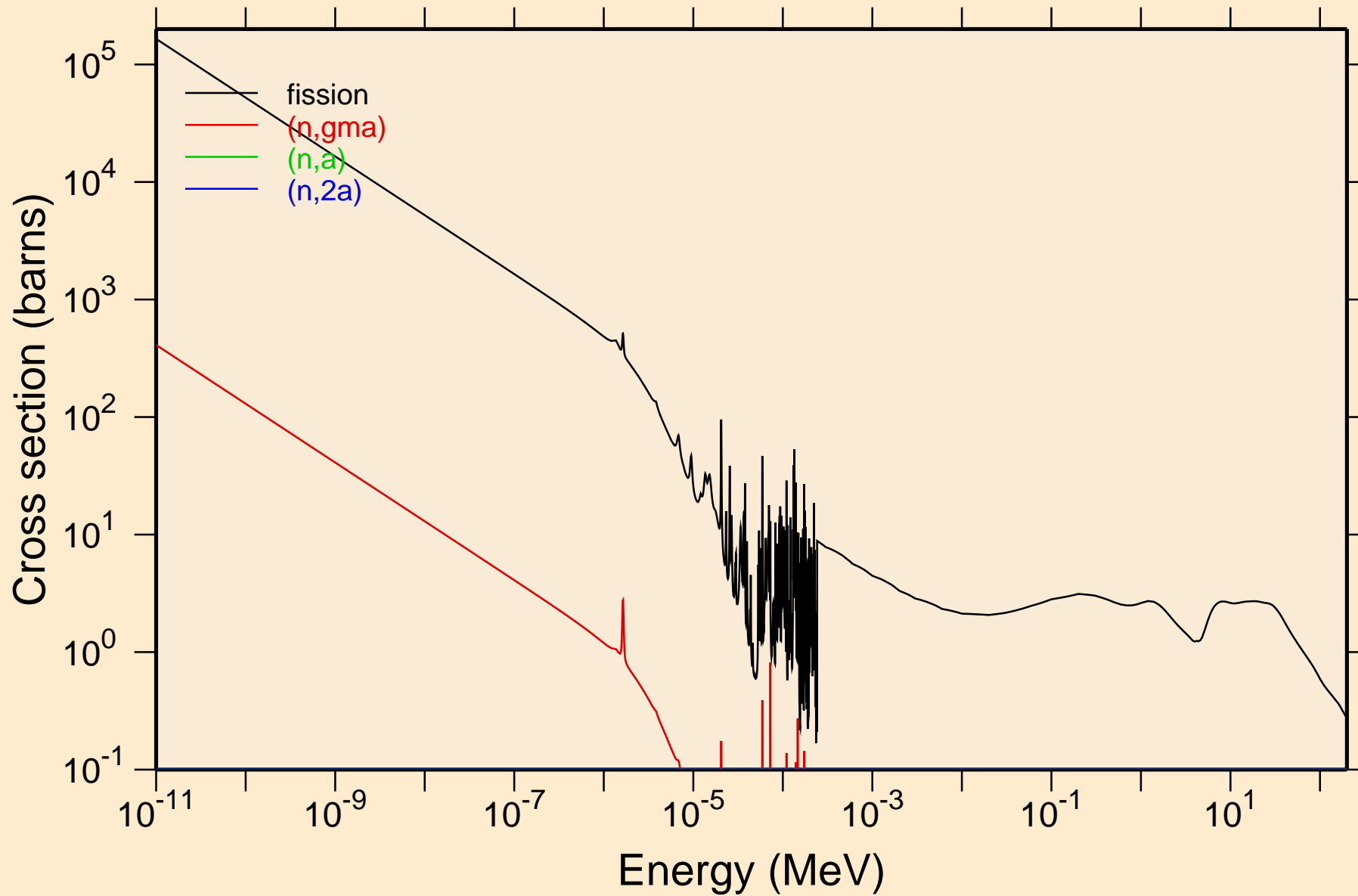


PU237 NRG TENDL-2015, AKONING  
resonance absorption cross sections



# PU237 NRG TENDL-2015, AKONING

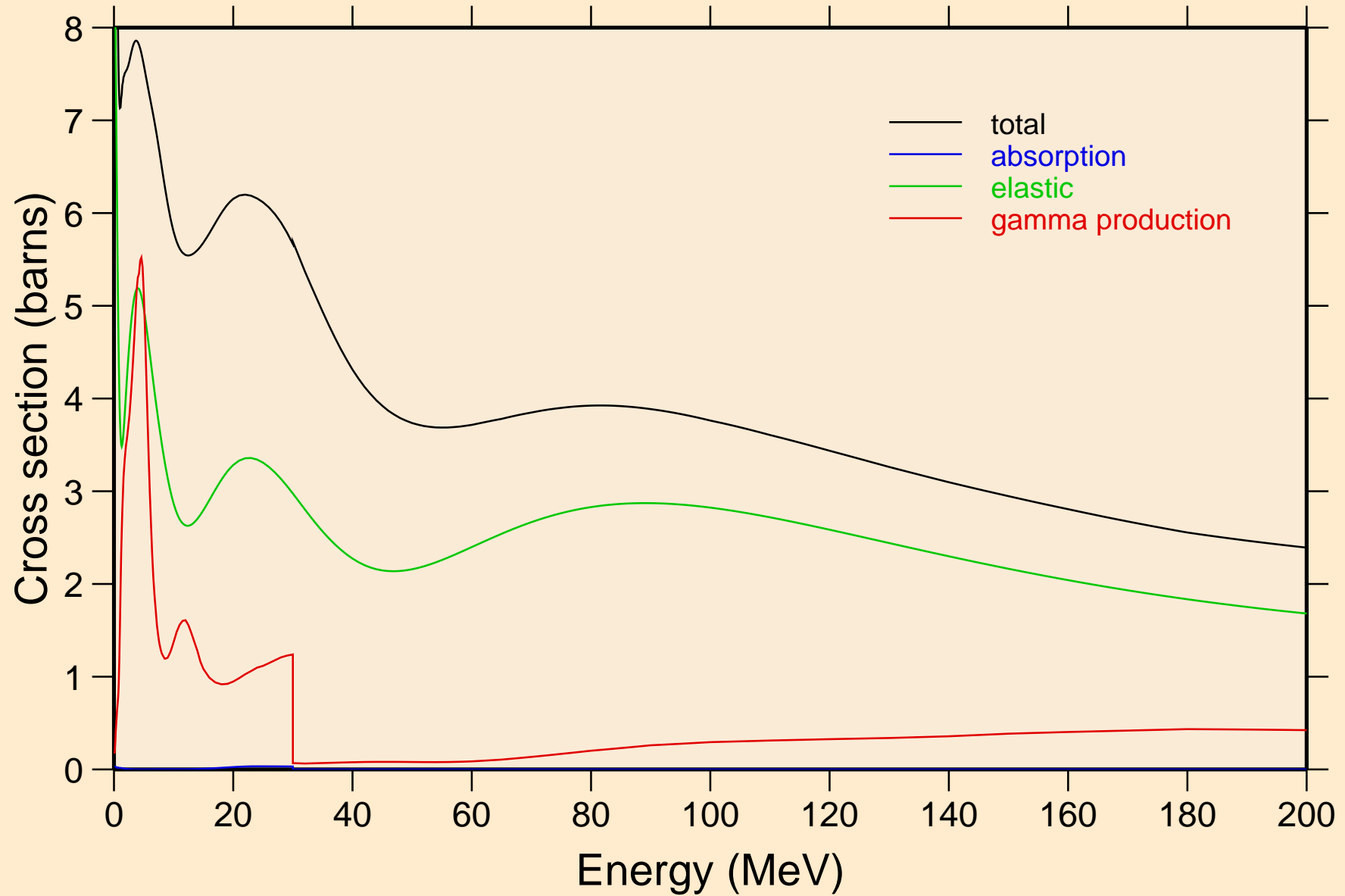
## Non-threshold reactions





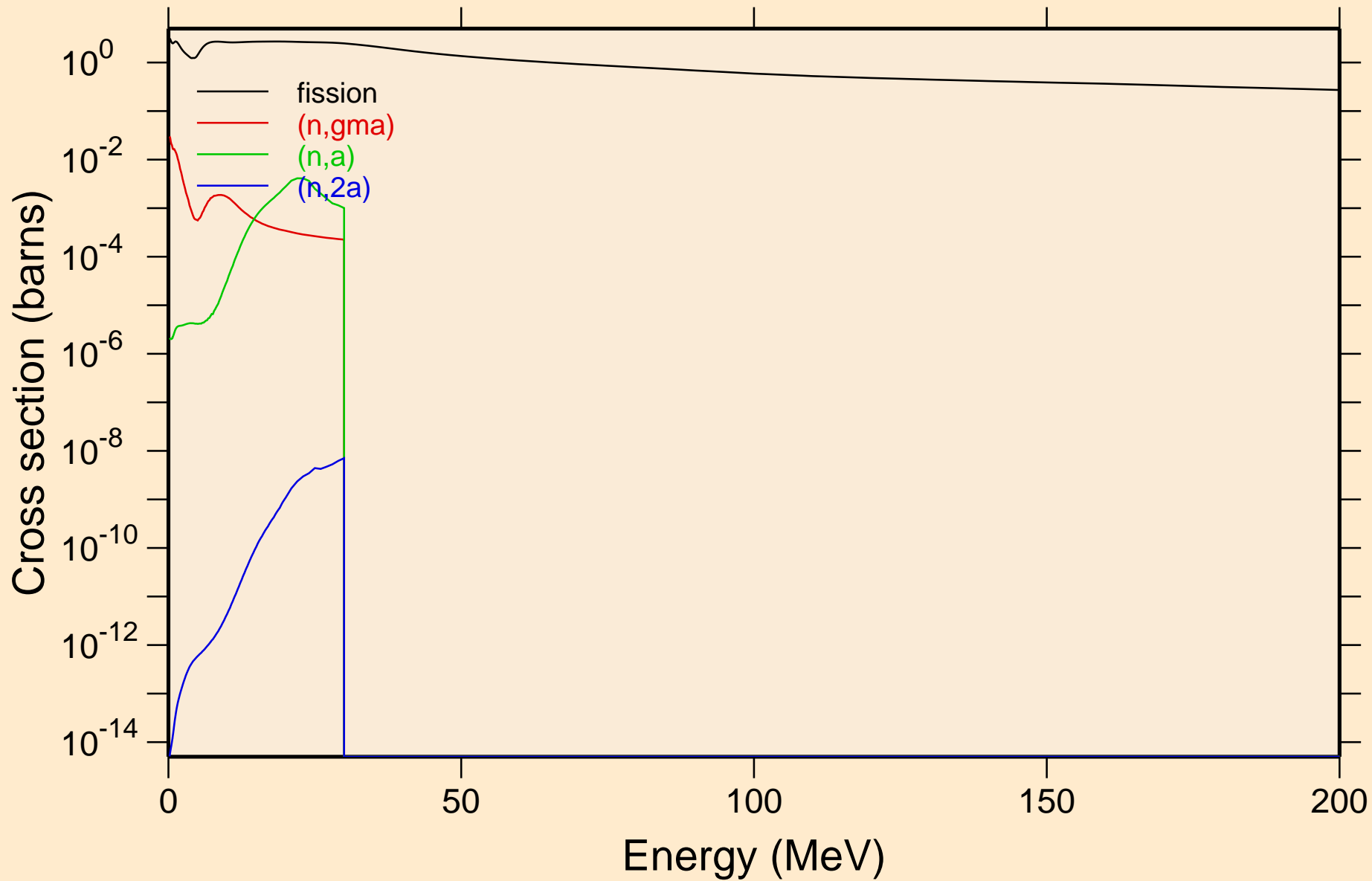
# PU237 NRG TENDL-2015, AKONING

## Principal cross sections

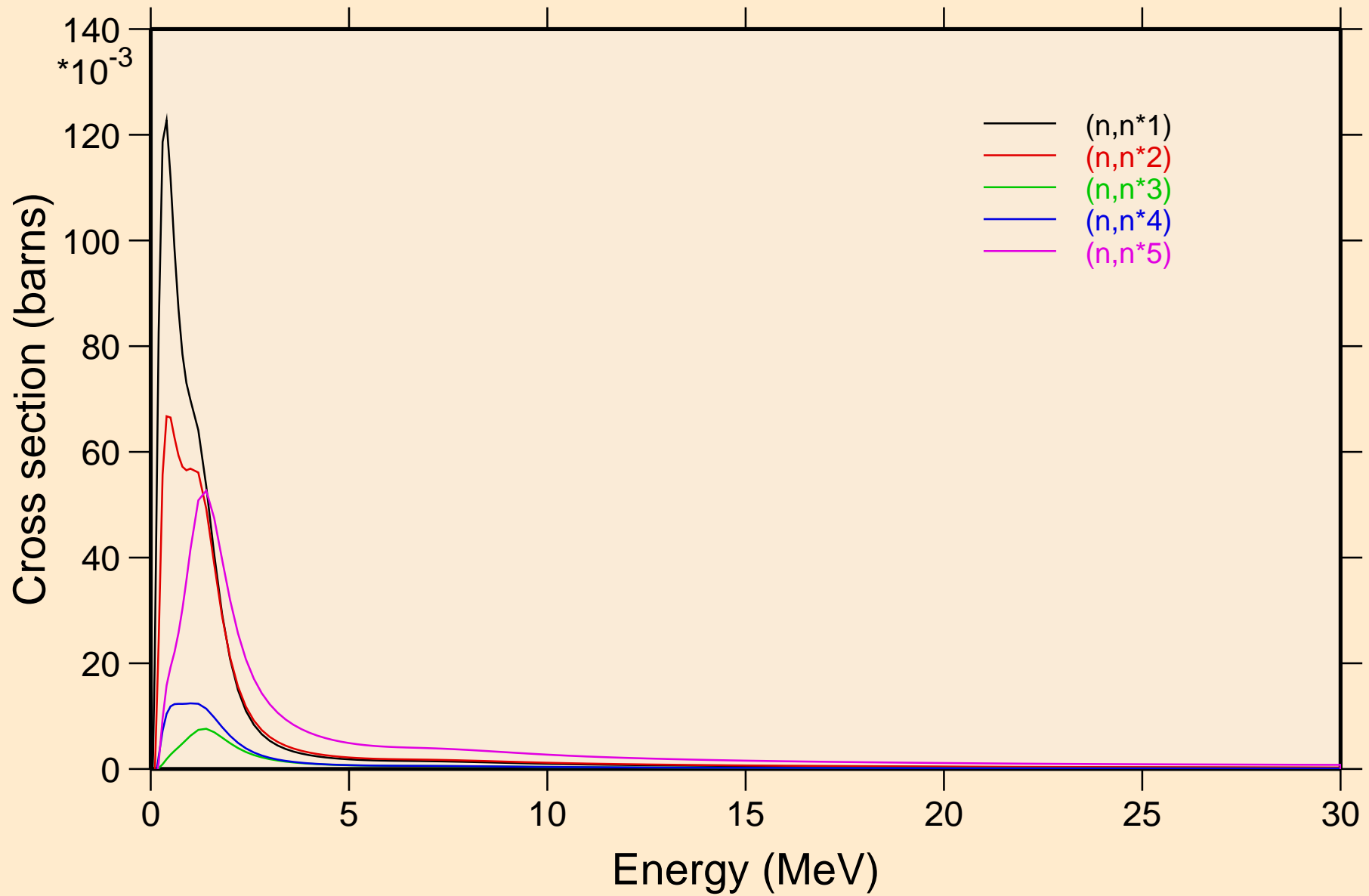


# PU237 NRG TENDL-2015, AKONING

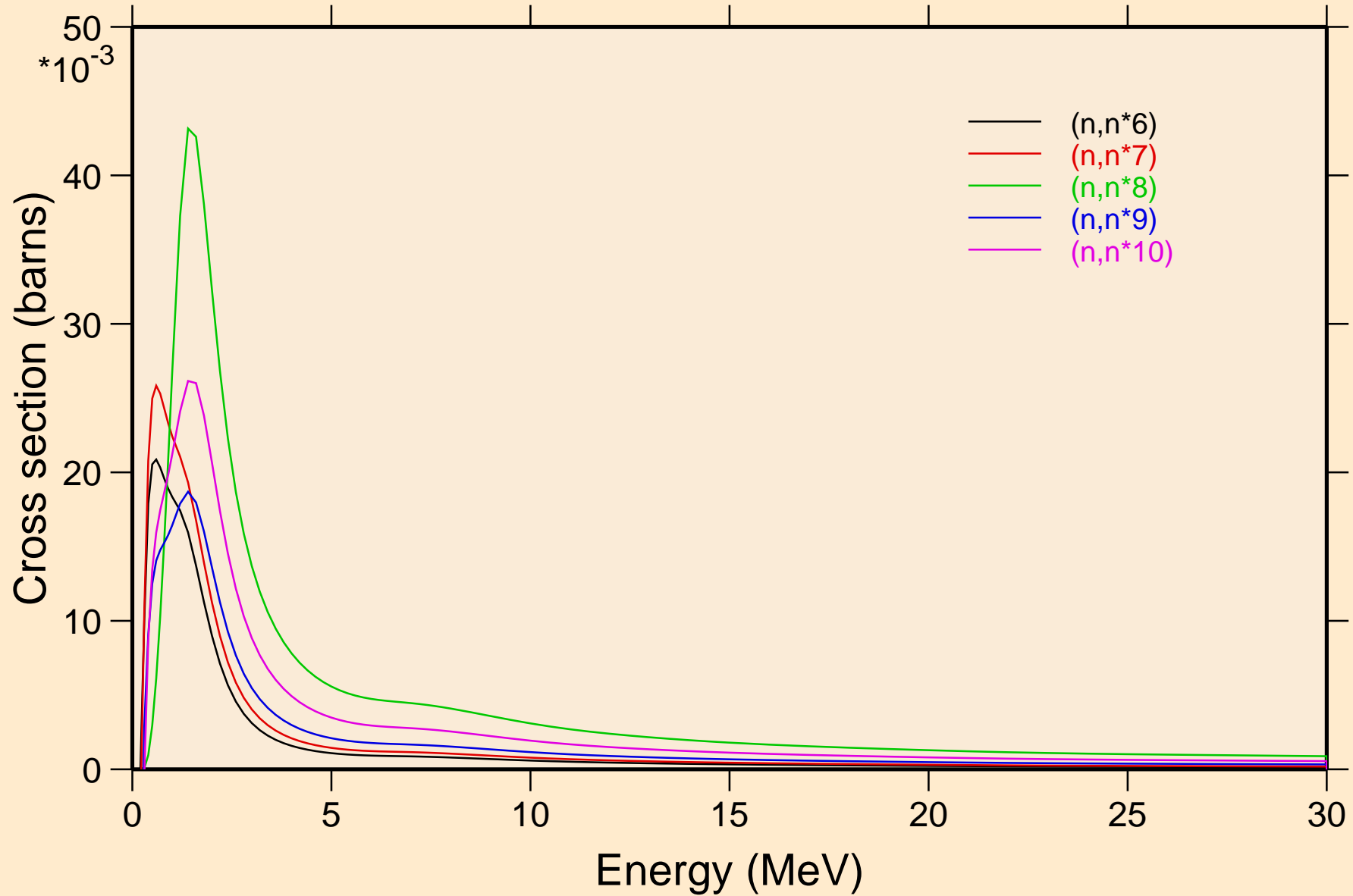
## Non-threshold reactions



PU237 NRG TENDL-2015, AKONING  
Inelastic levels

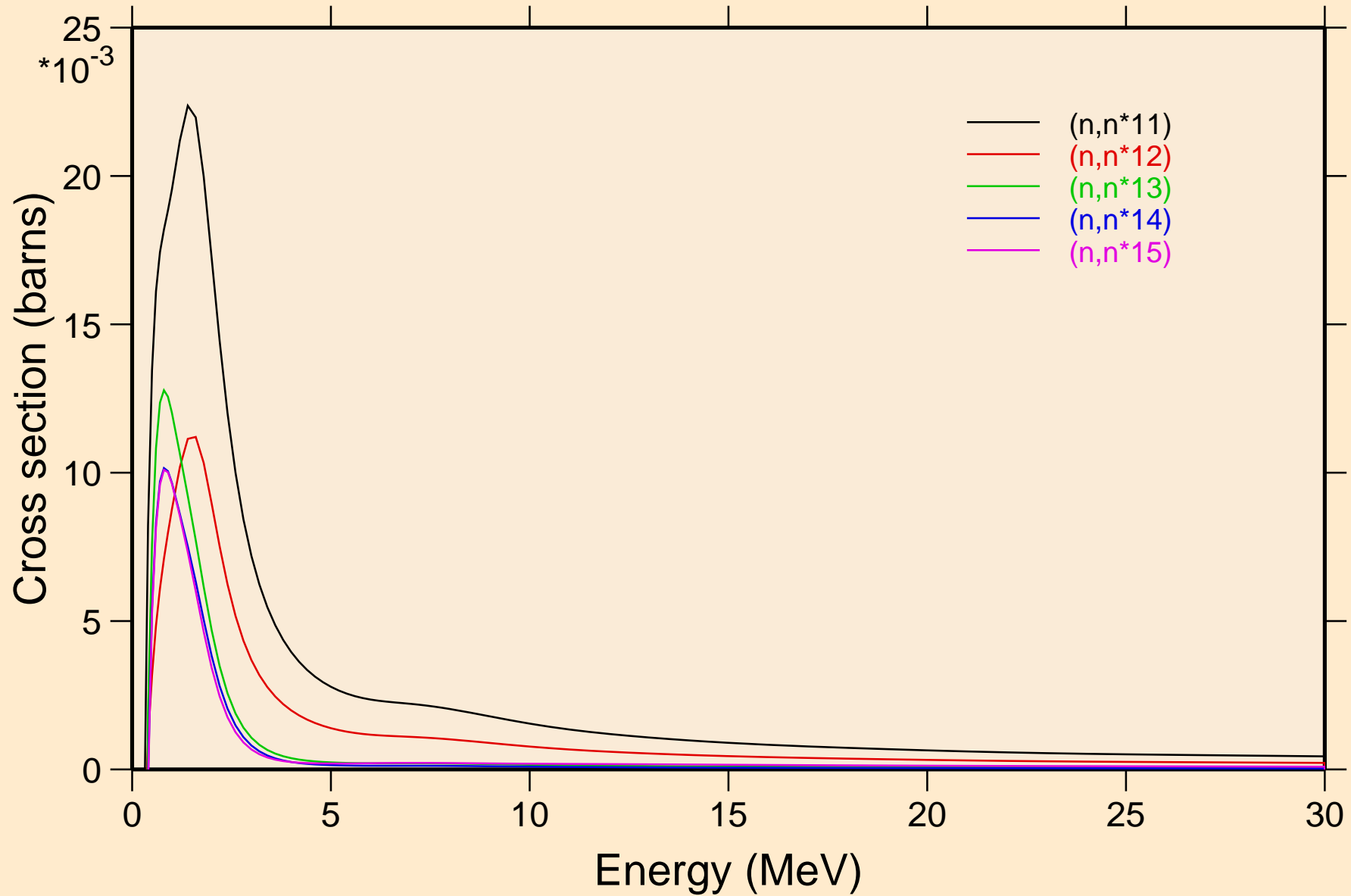


PU237 NRG TENDL-2015, AKONING  
Inelastic levels



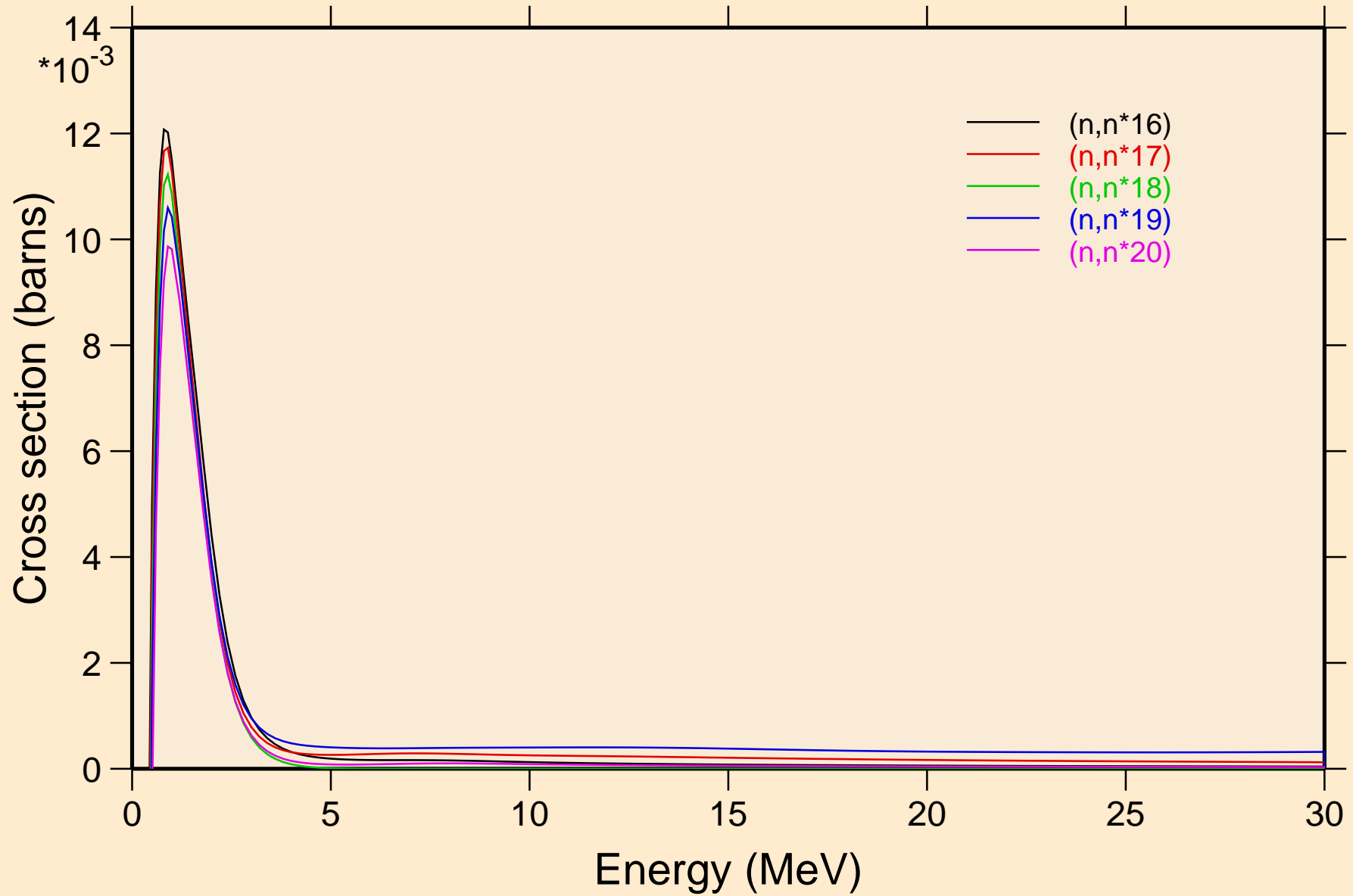
# PU237 NRG TENDL-2015, AKONING

## Inelastic levels



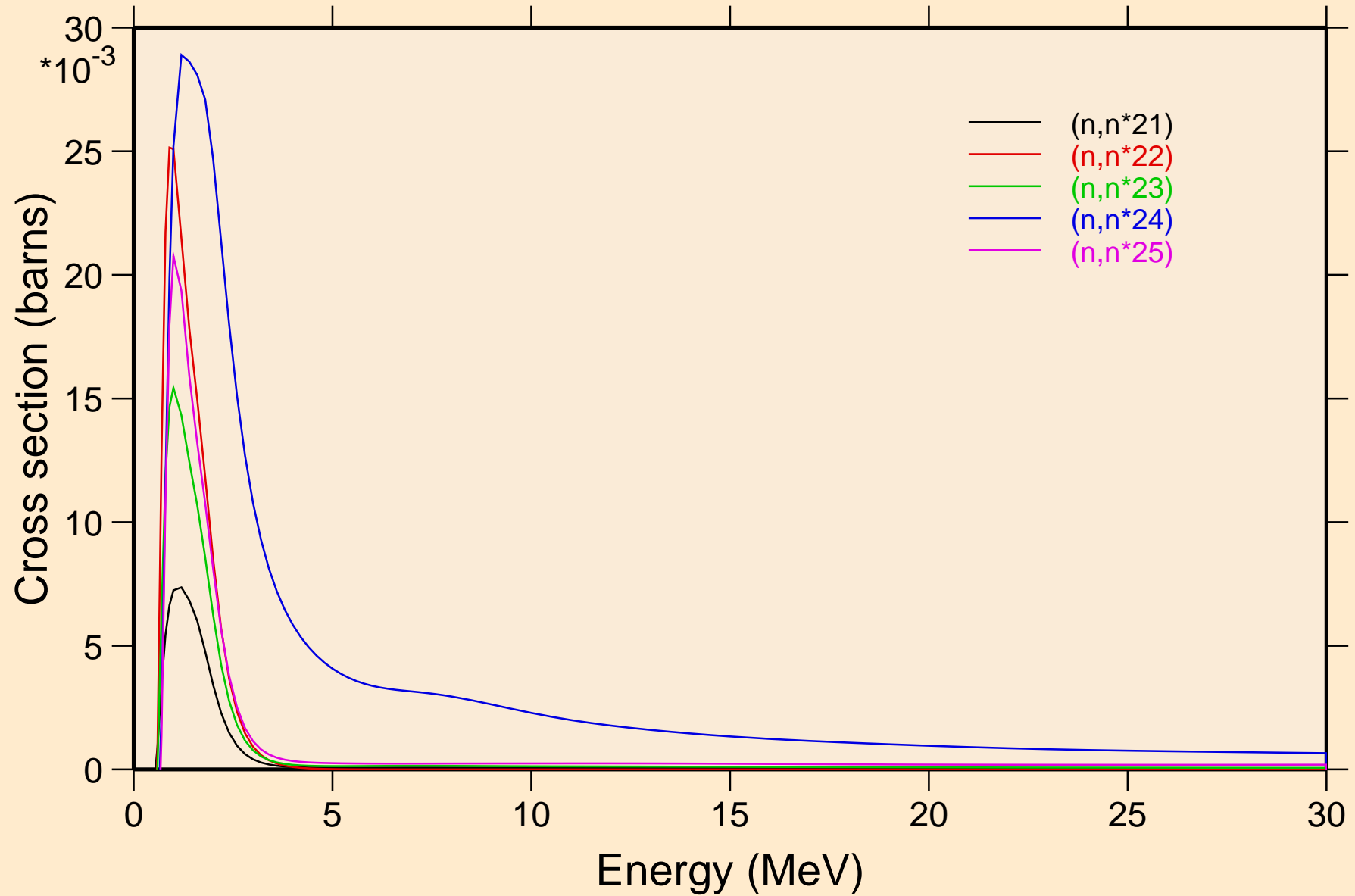
# PU237 NRG TENDL-2015, AKONING

## Inelastic levels



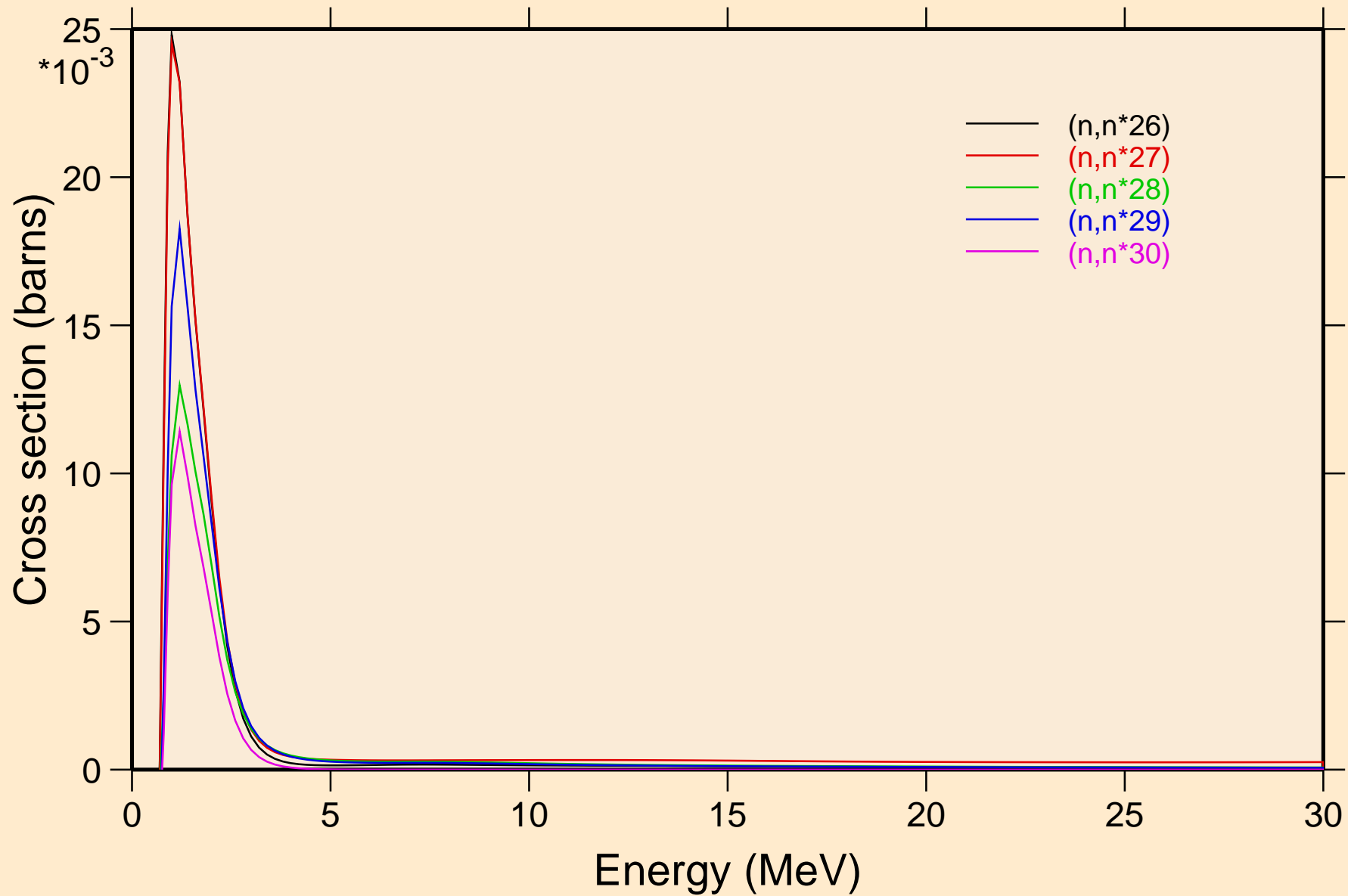
# PU237 NRG TENDL-2015, AKONING

## Inelastic levels



# PU237 NRG TENDL-2015, AKONING

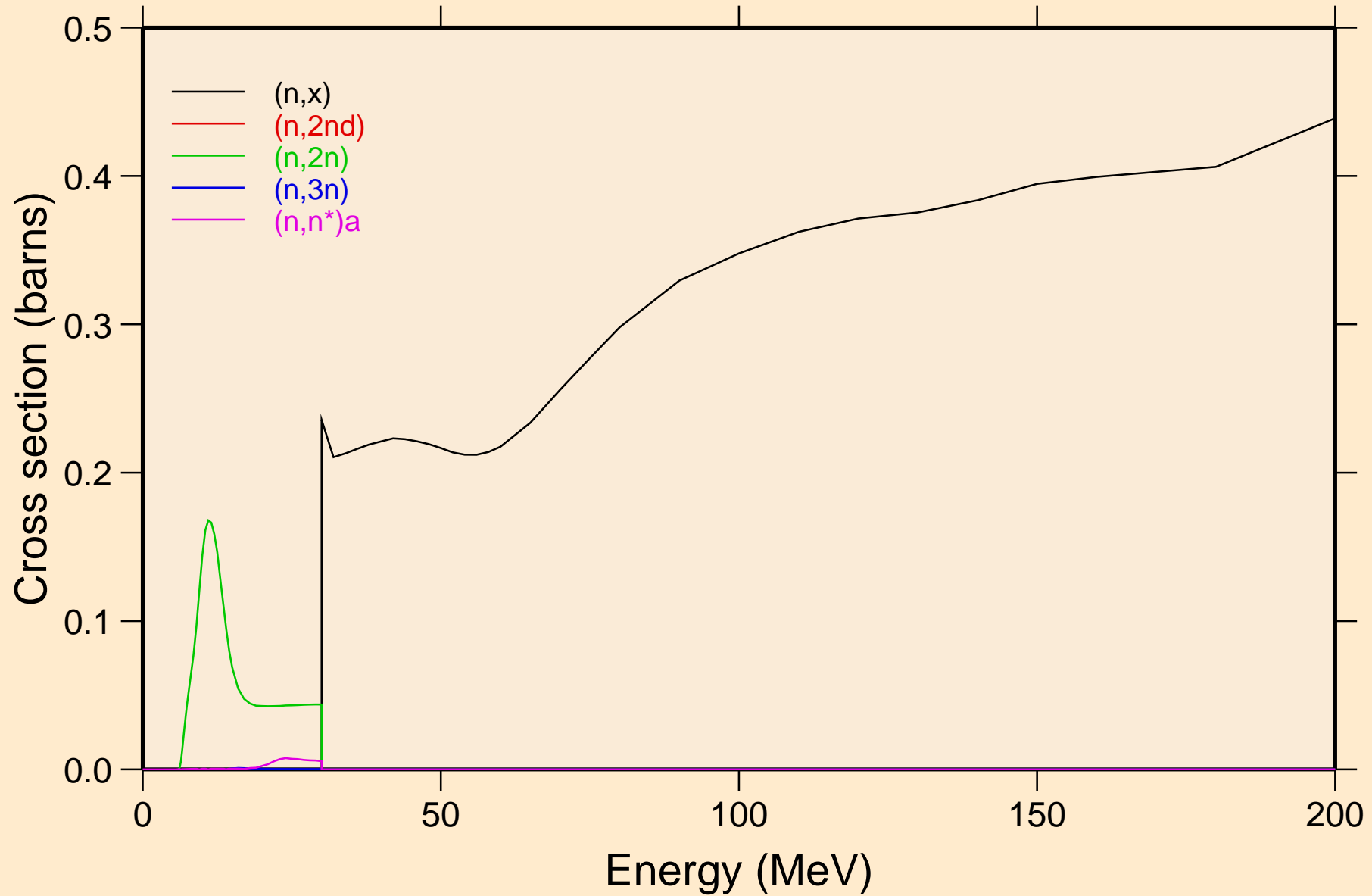
## Inelastic levels





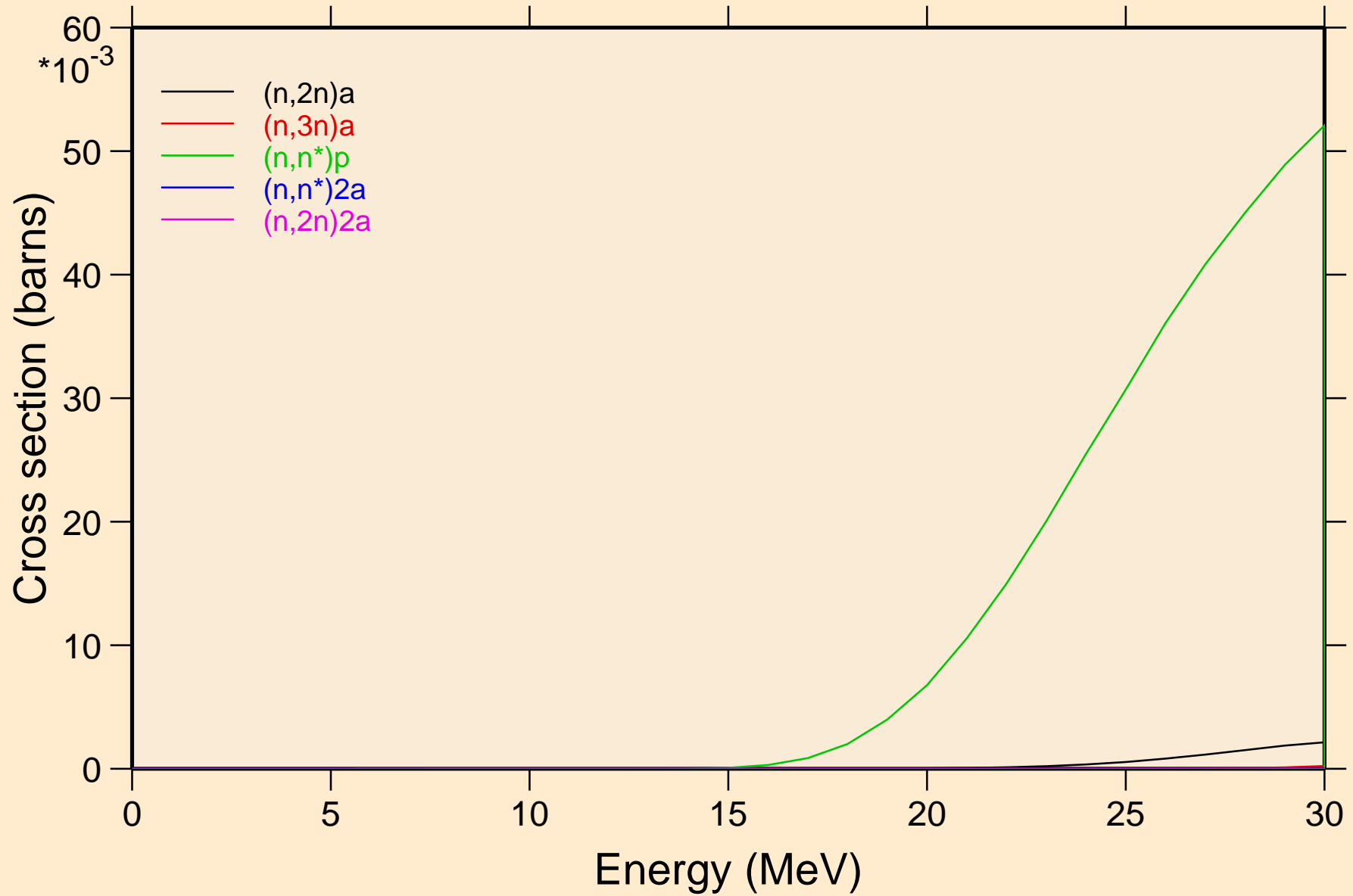
# PU237 NRG TENDL-2015, AKONING

## Threshold reactions



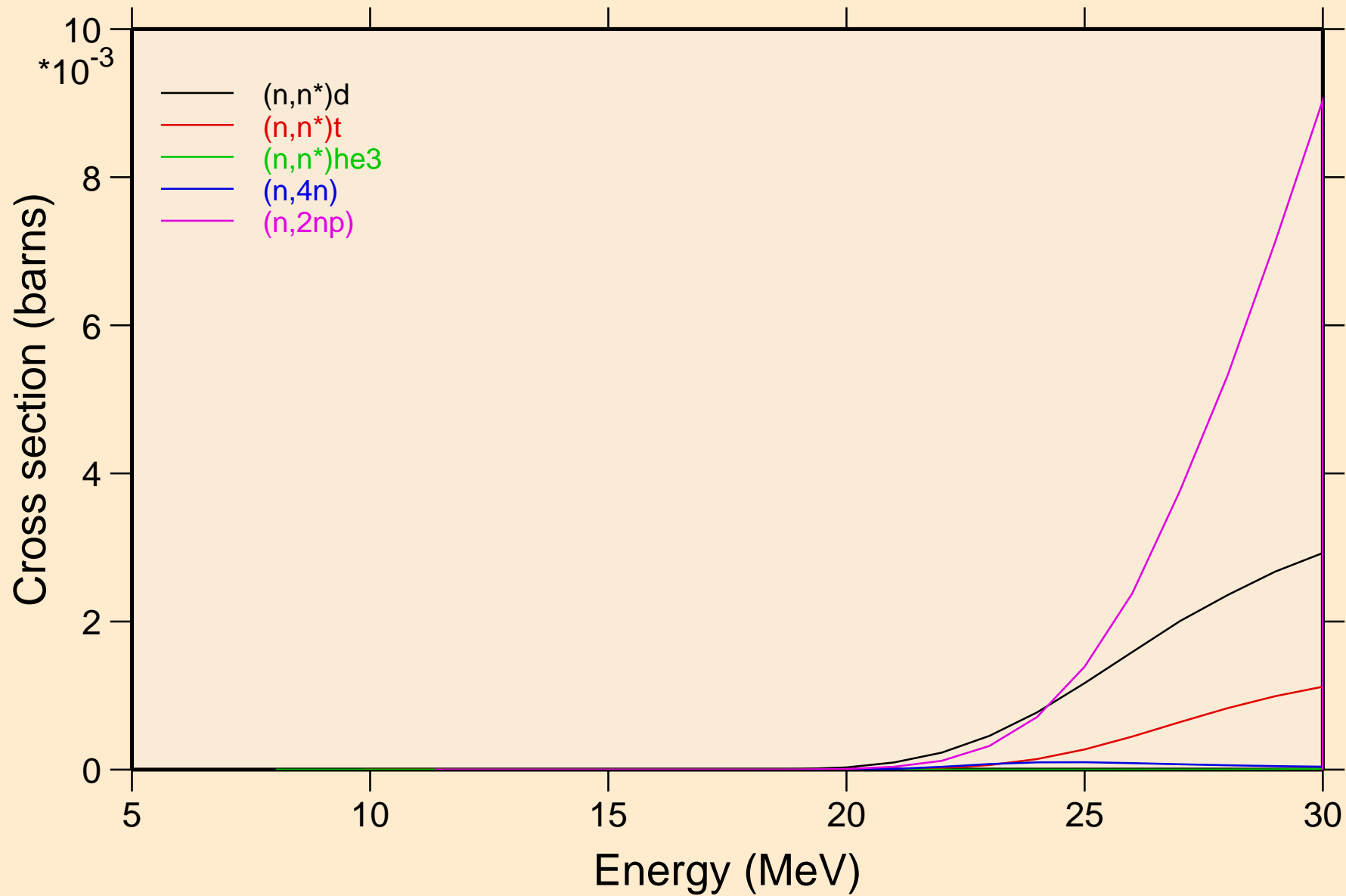
# PU237 NRG TENDL-2015, AKONING

## Threshold reactions



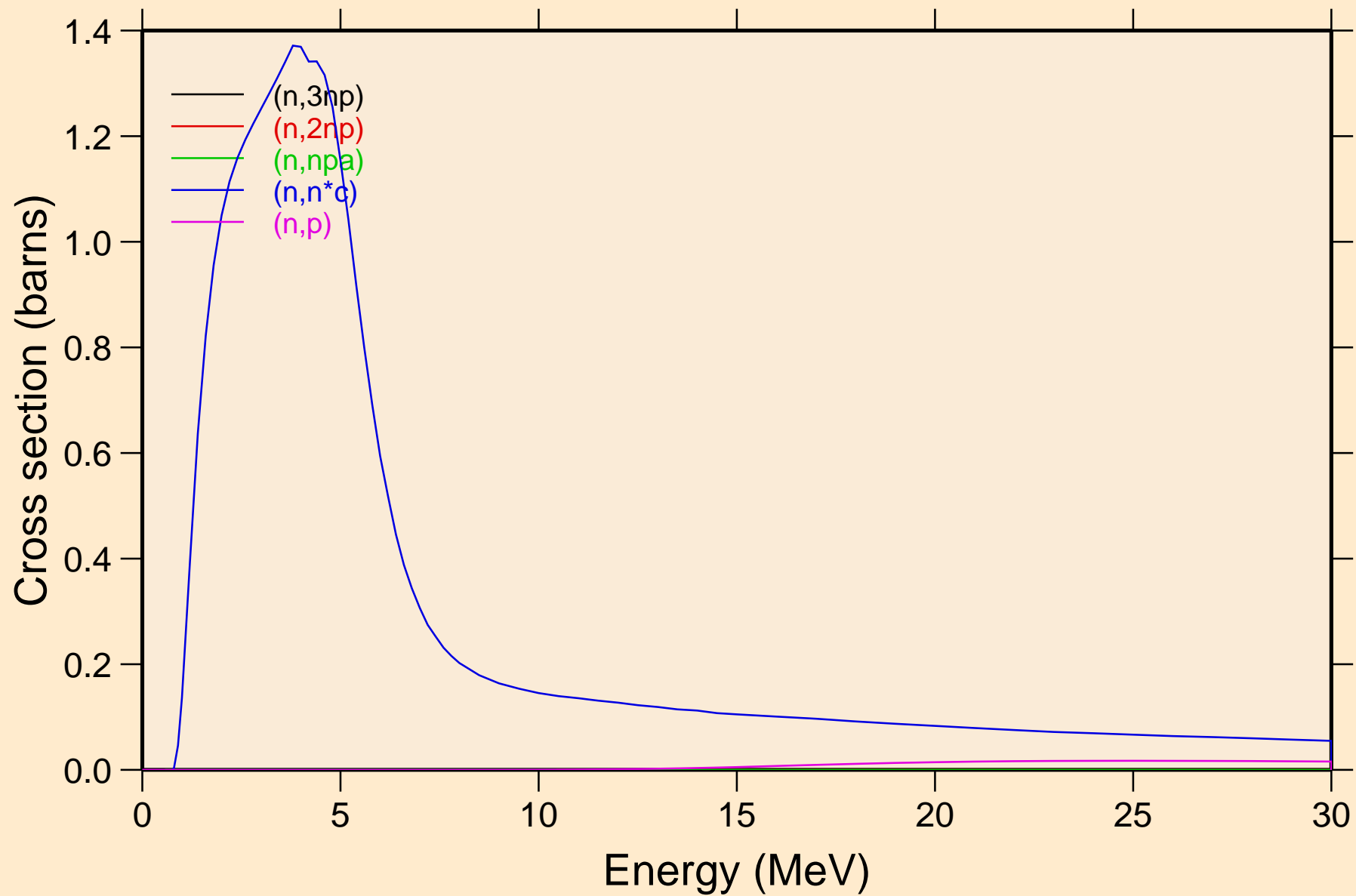
# PU237 NRG TENDL-2015, AKONING

## Threshold reactions



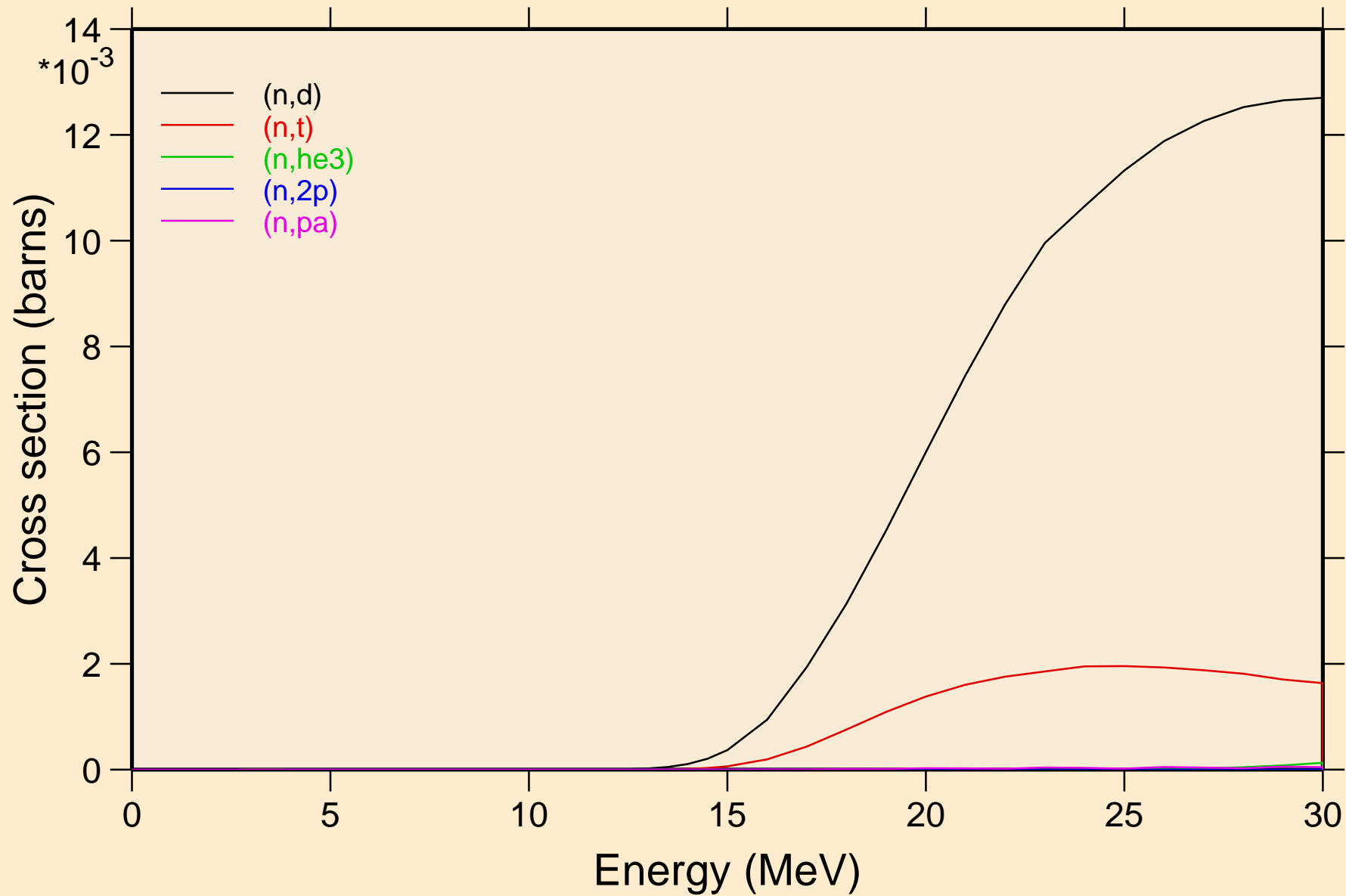
# PU237 NRG TENDL-2015, AKONING

## Threshold reactions



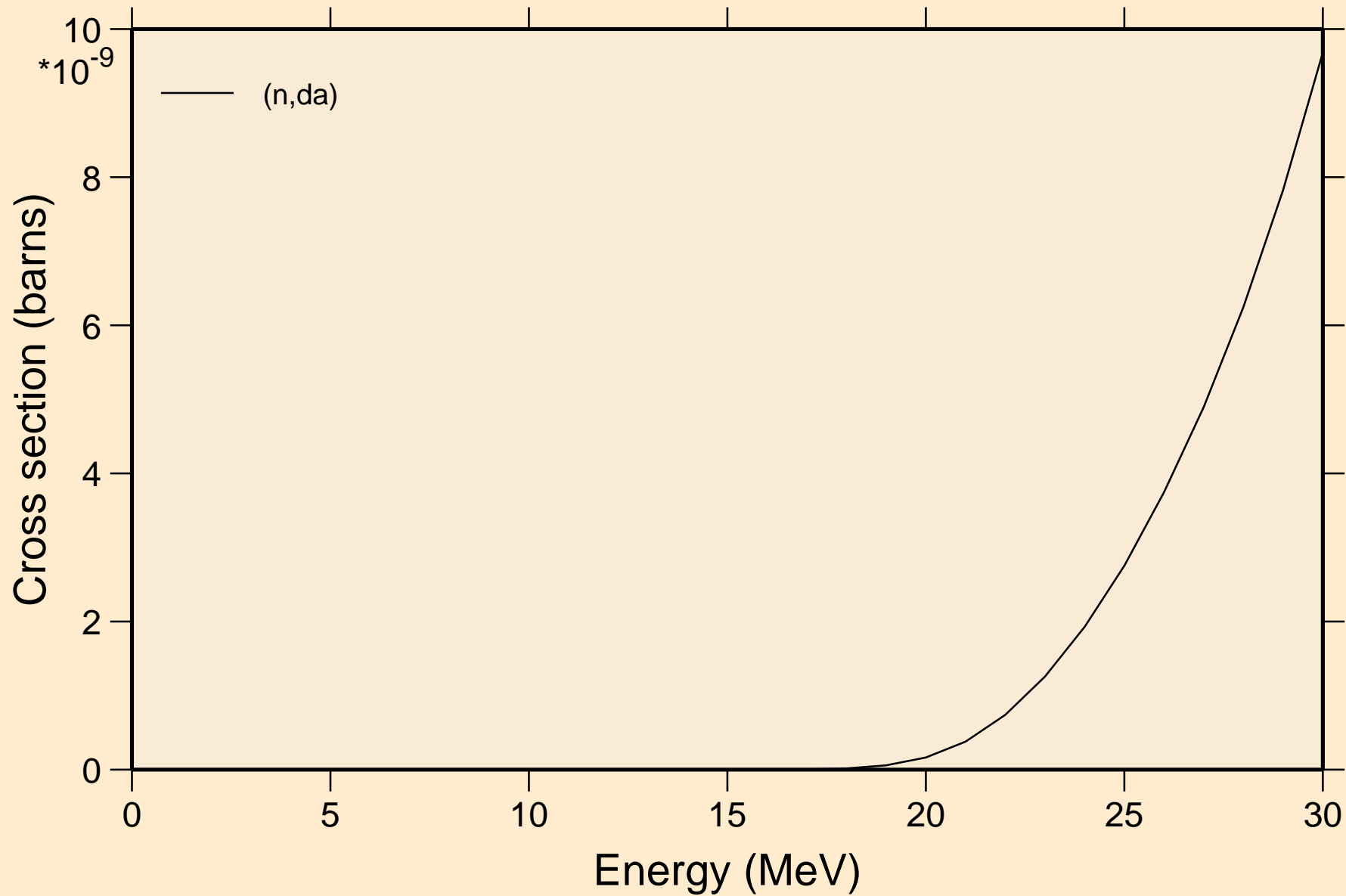
# PU237 NRG TENDL-2015, AKONING

## Threshold reactions

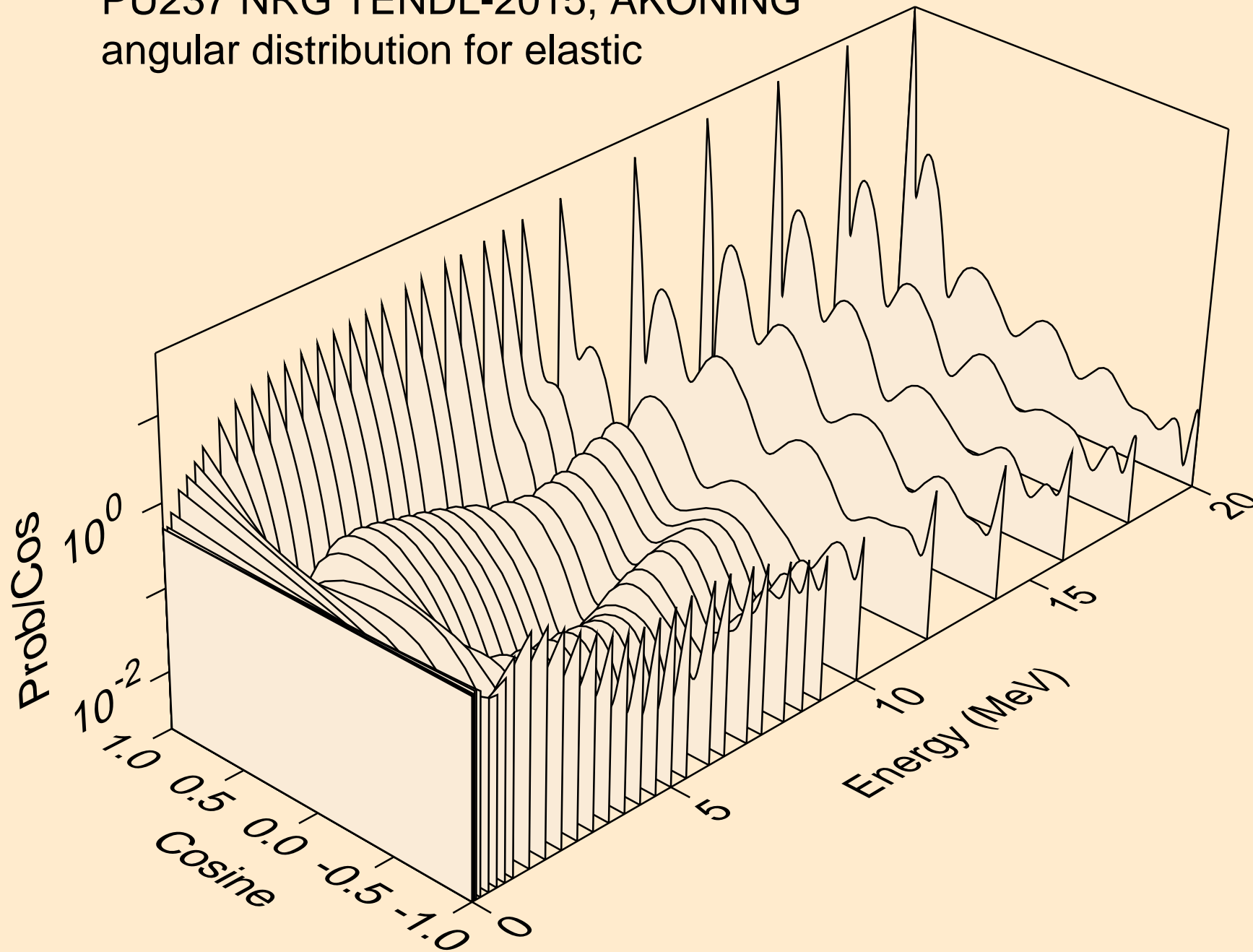


# PU237 NRG TENDL-2015, AKONING

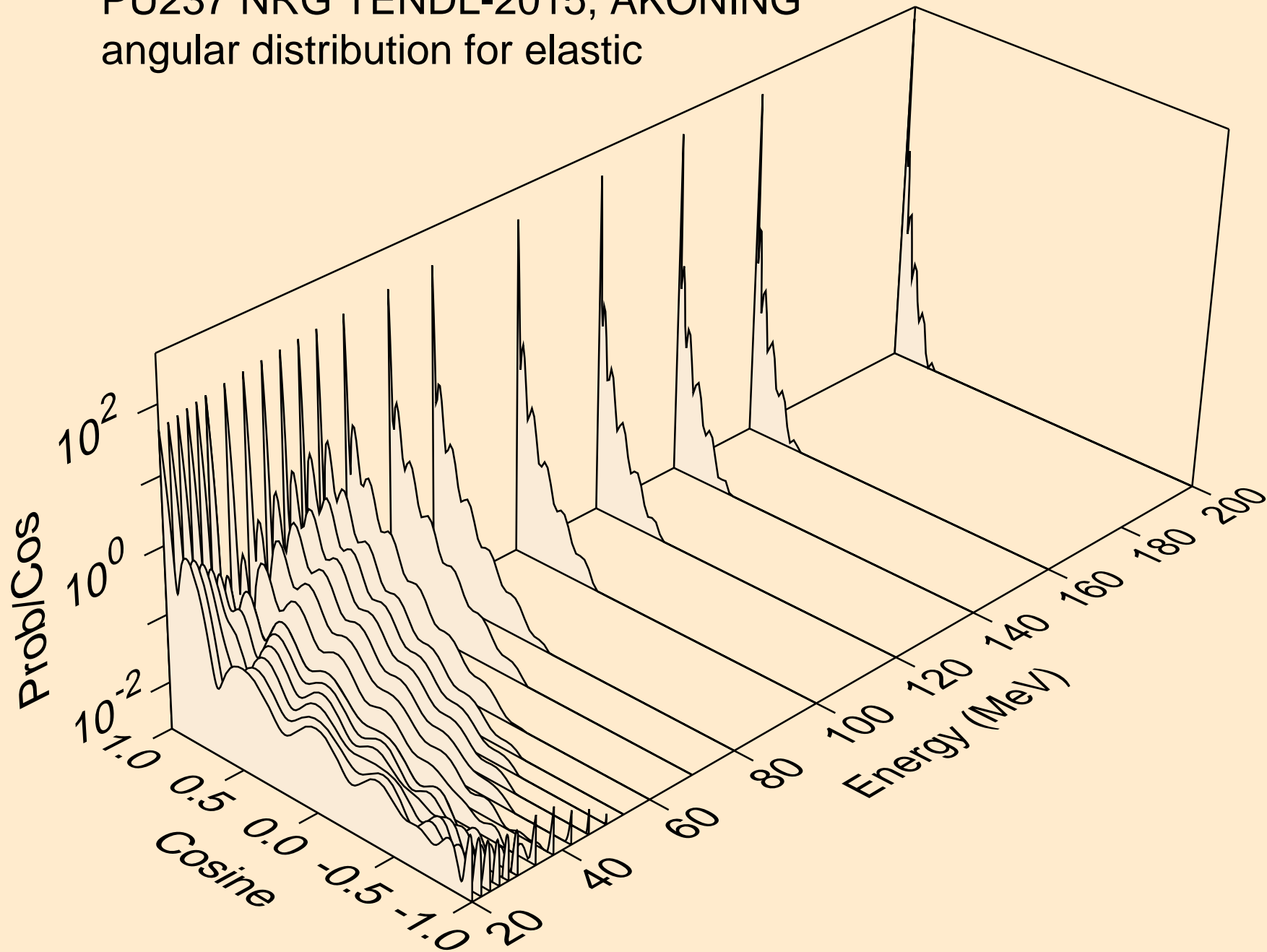
## Threshold reactions



PU237 NRG TENDL-2015, AKONING  
angular distribution for elastic

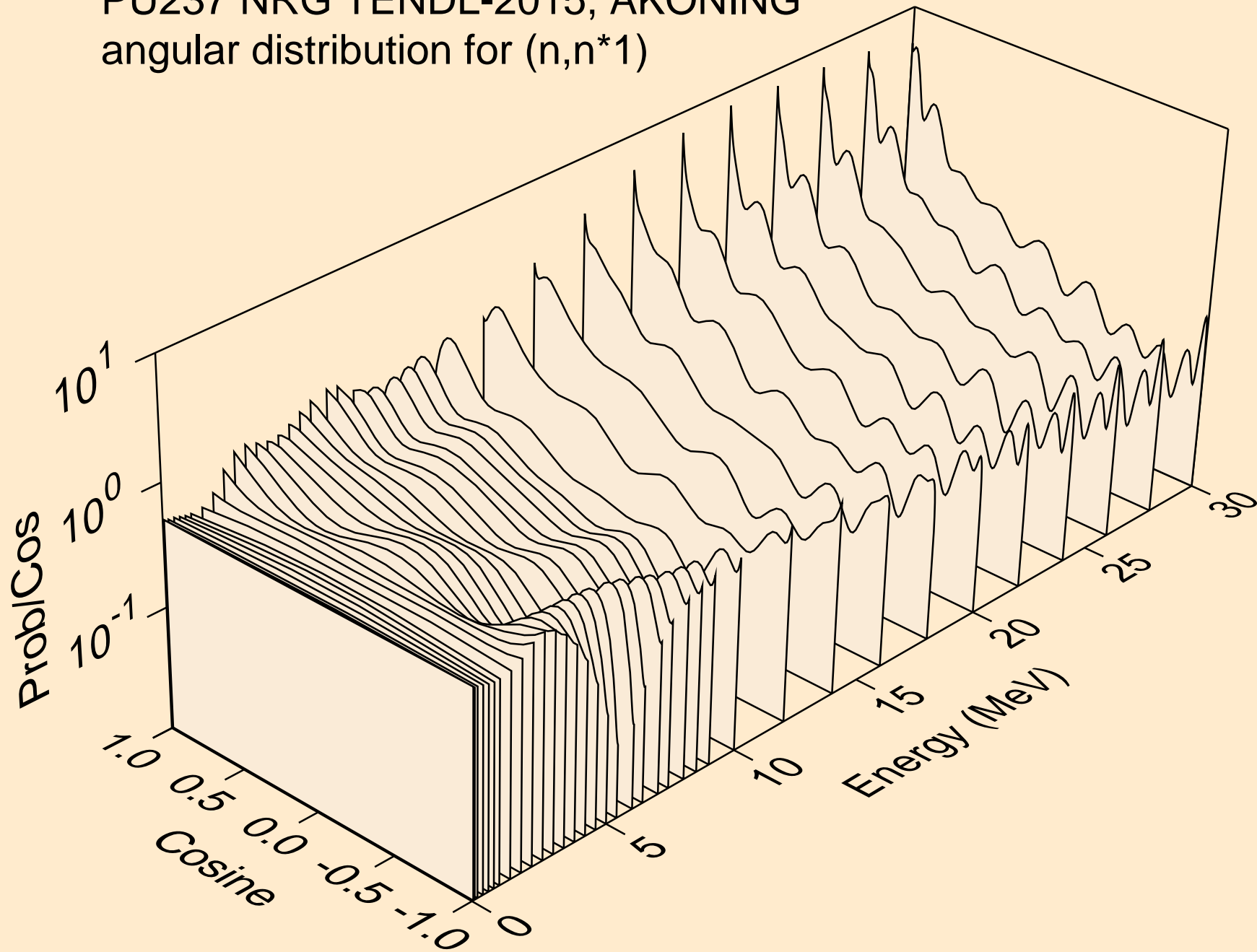


PU237 NRG TENDL-2015, AKONING  
angular distribution for elastic

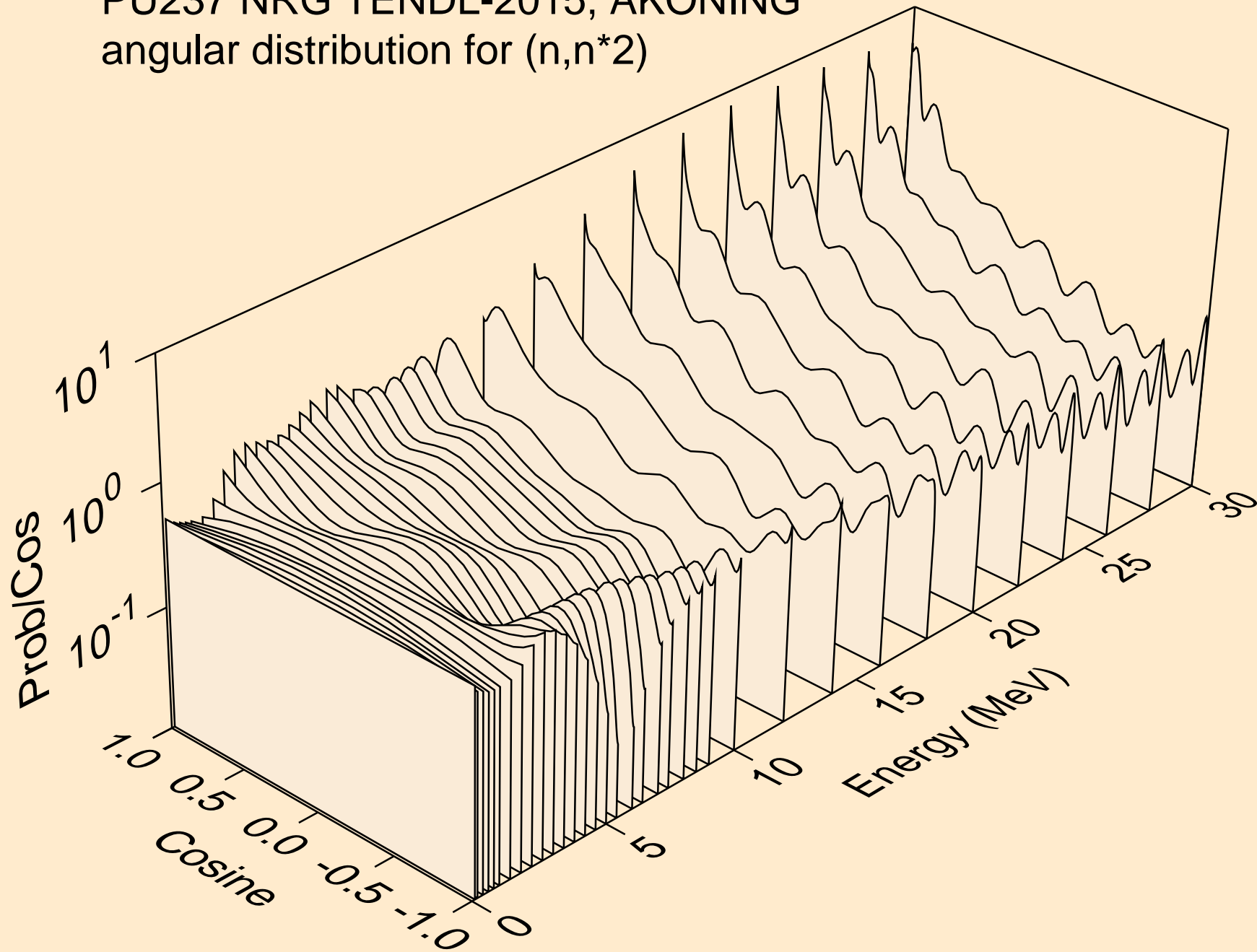




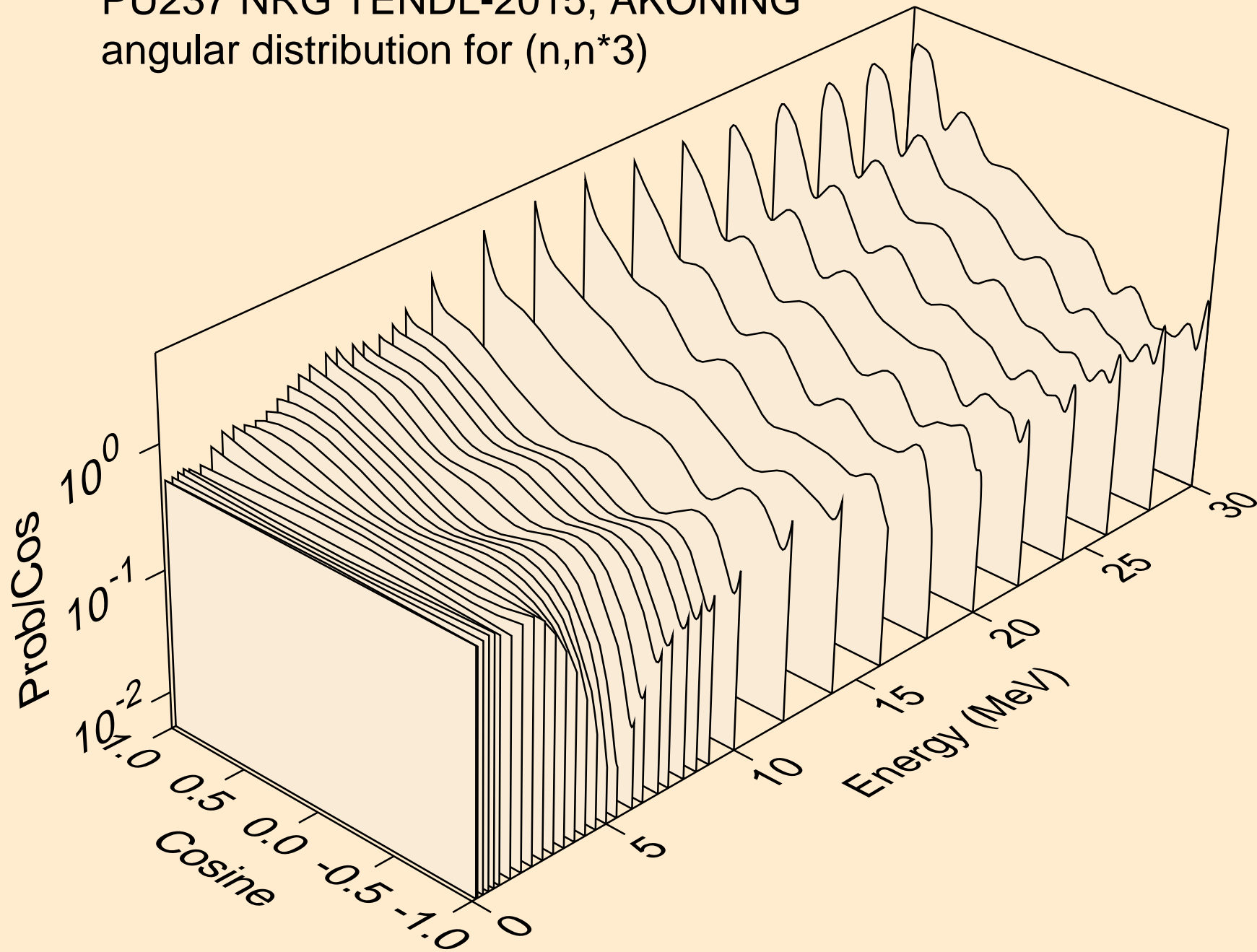
PU237 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



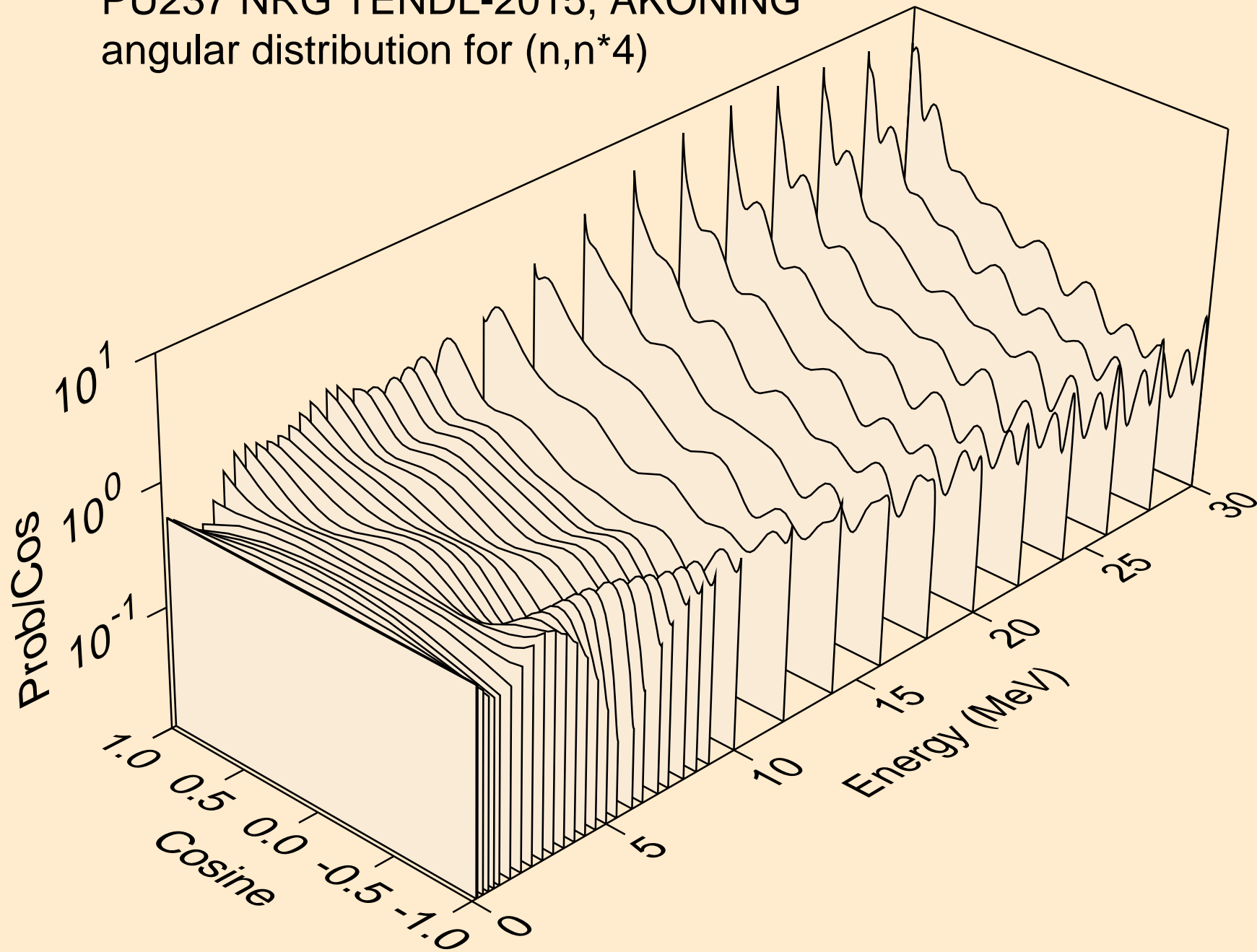
PU237 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



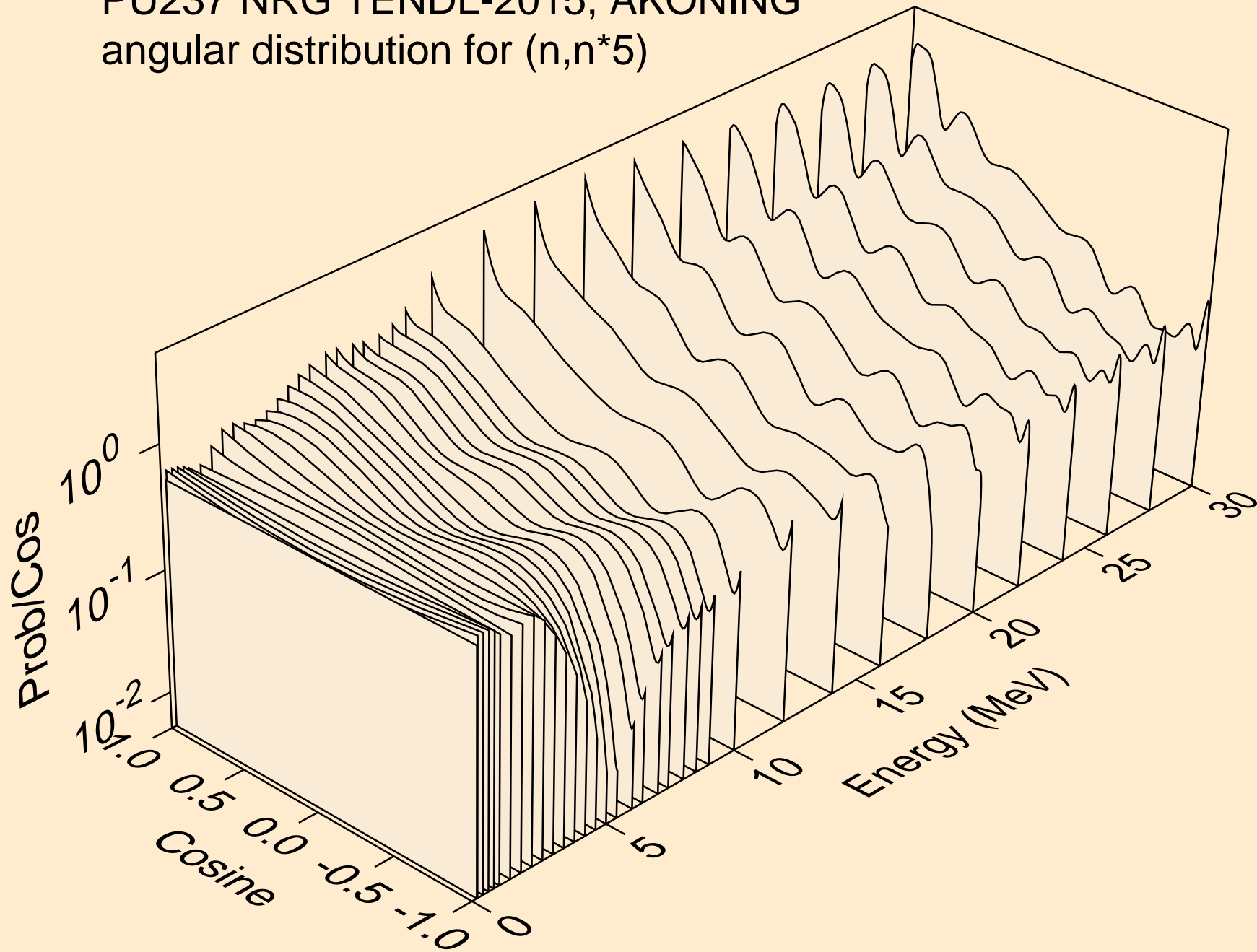
PU237 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



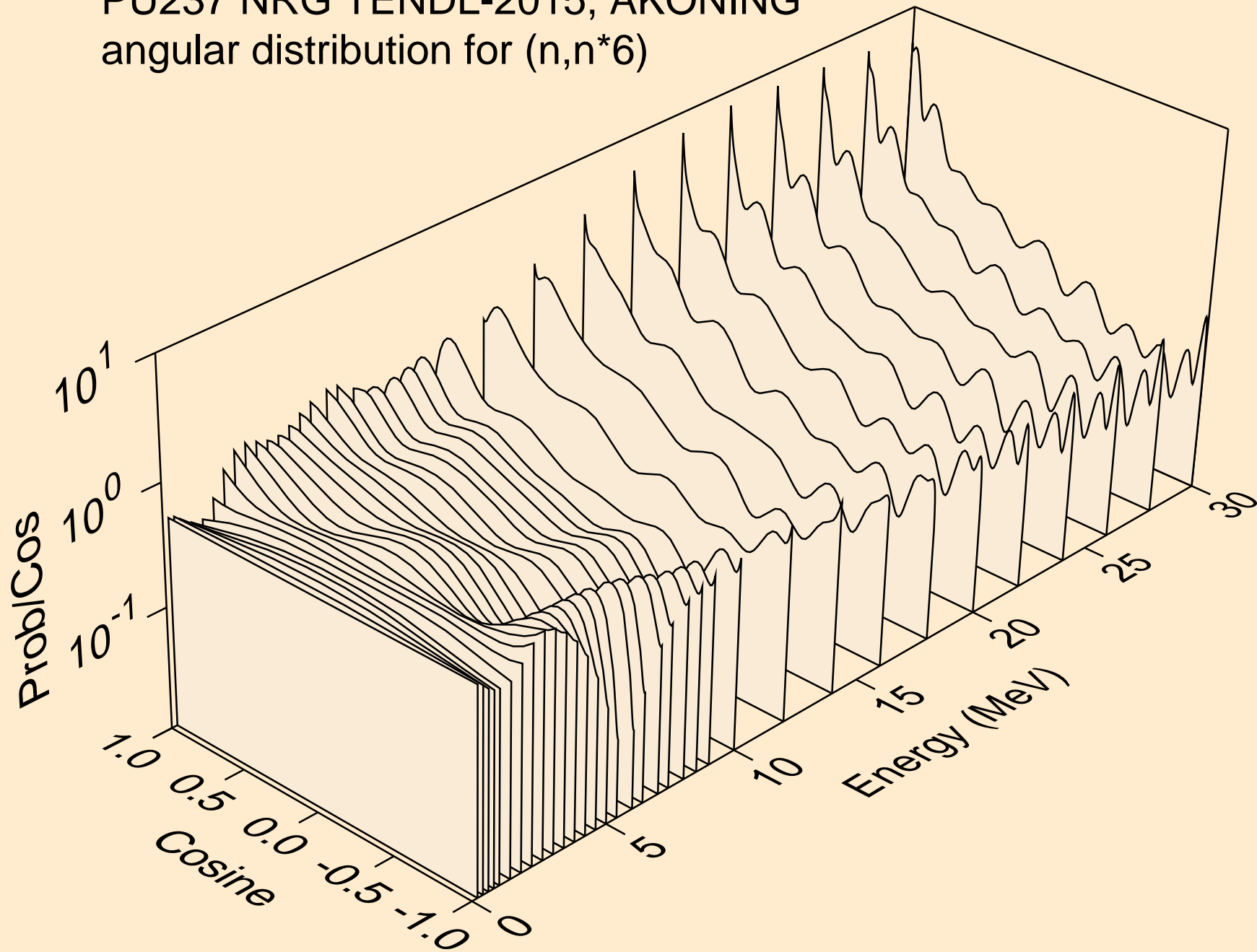
PU237 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



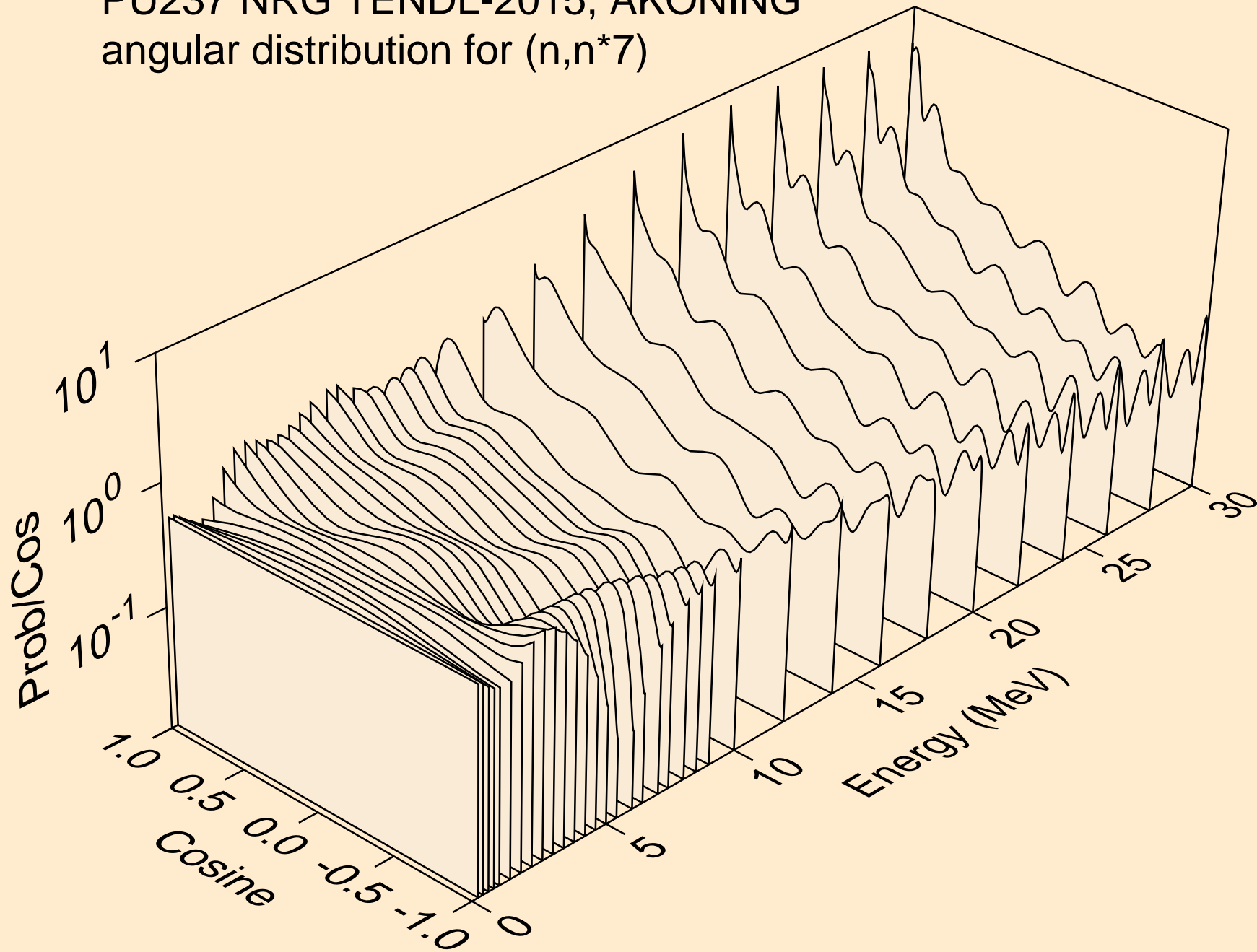
PU237 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



PU237 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

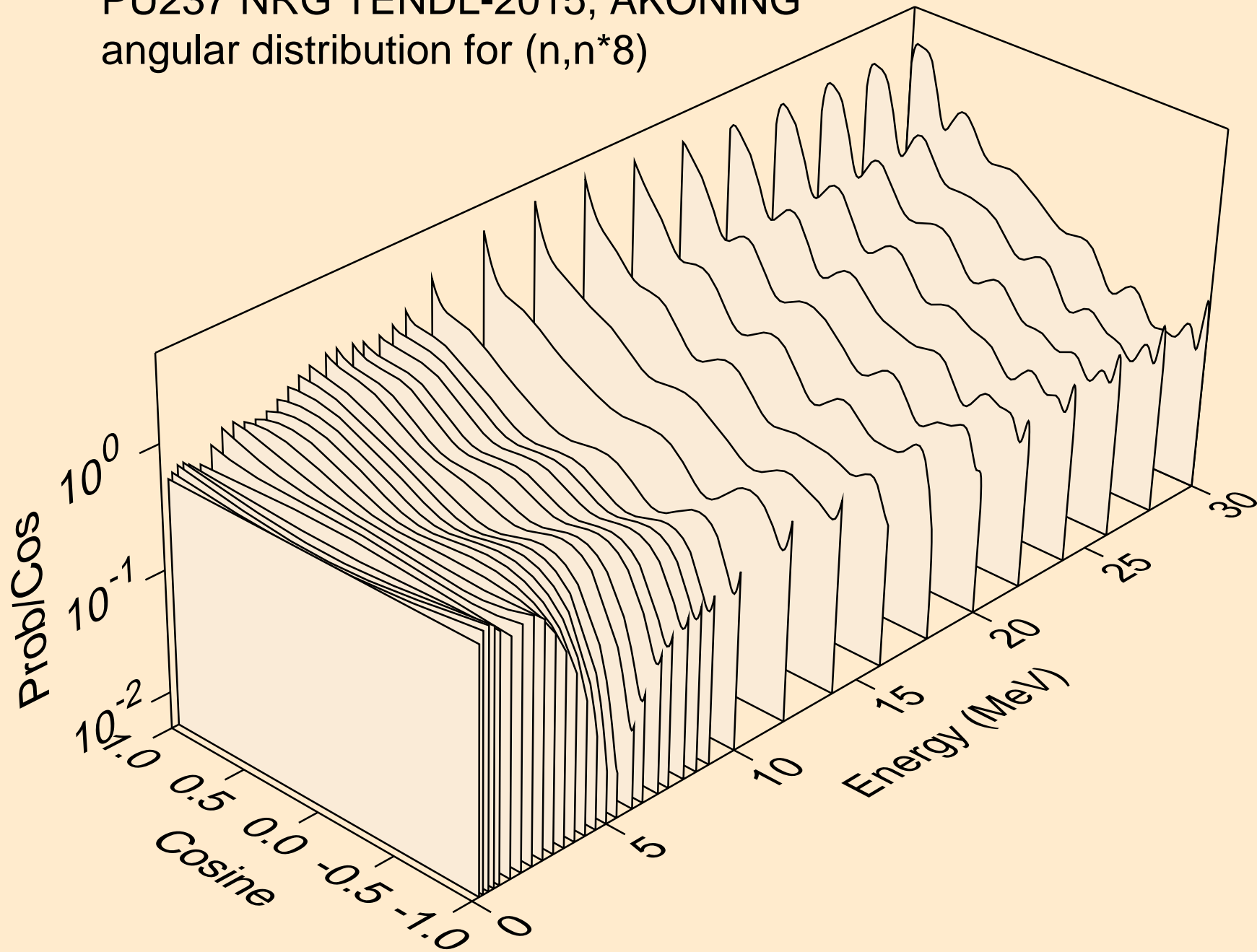


PU237 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



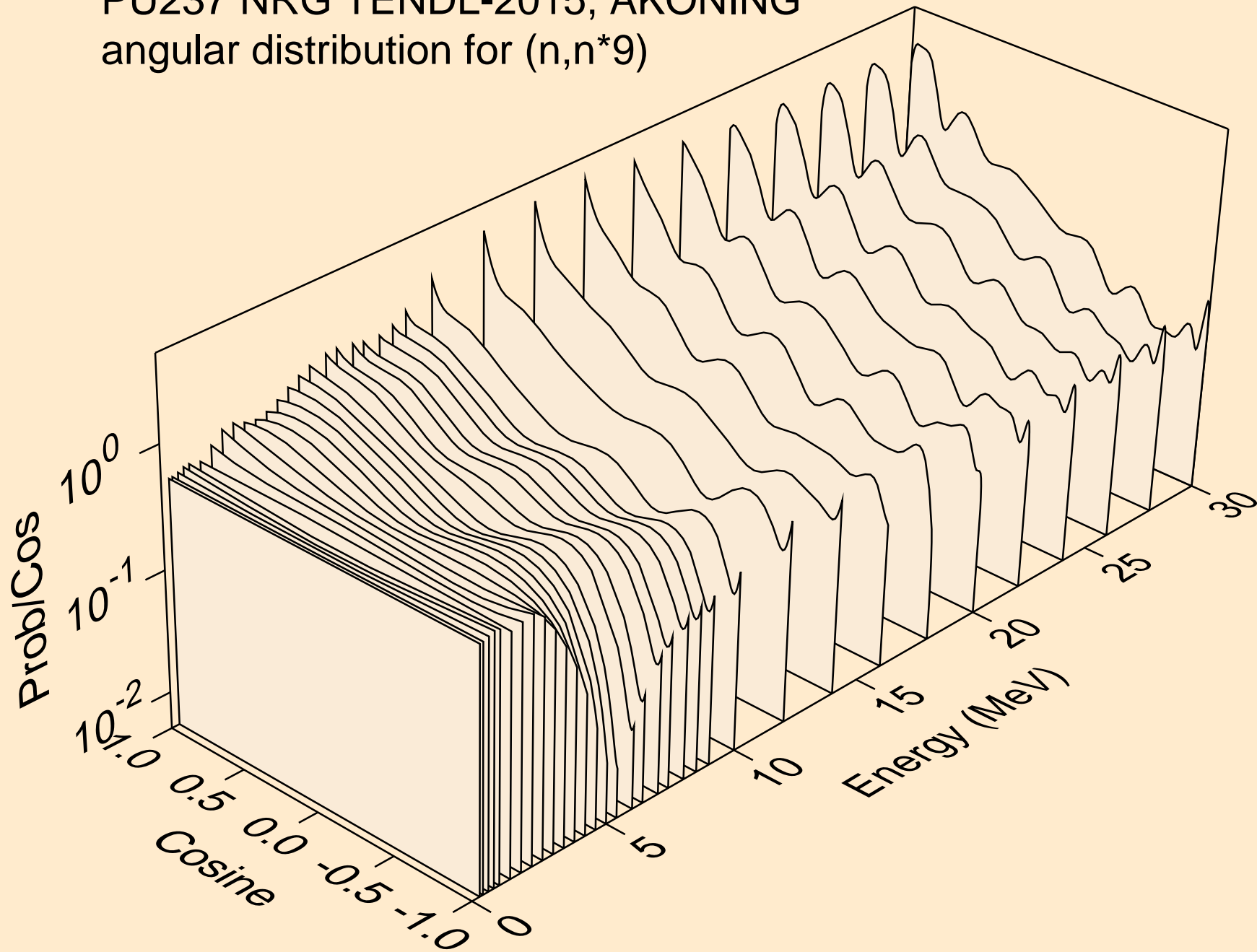


PU237 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)

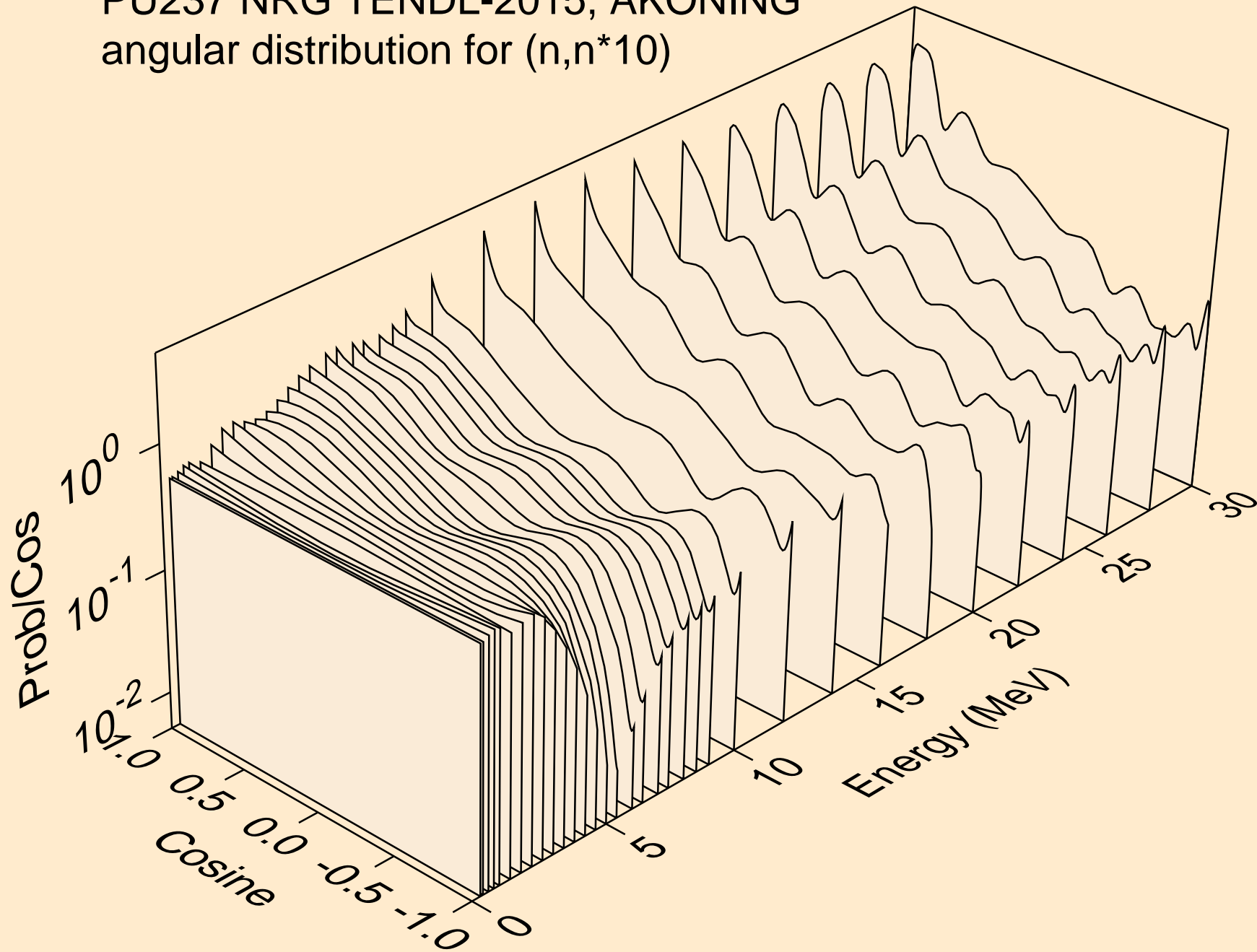




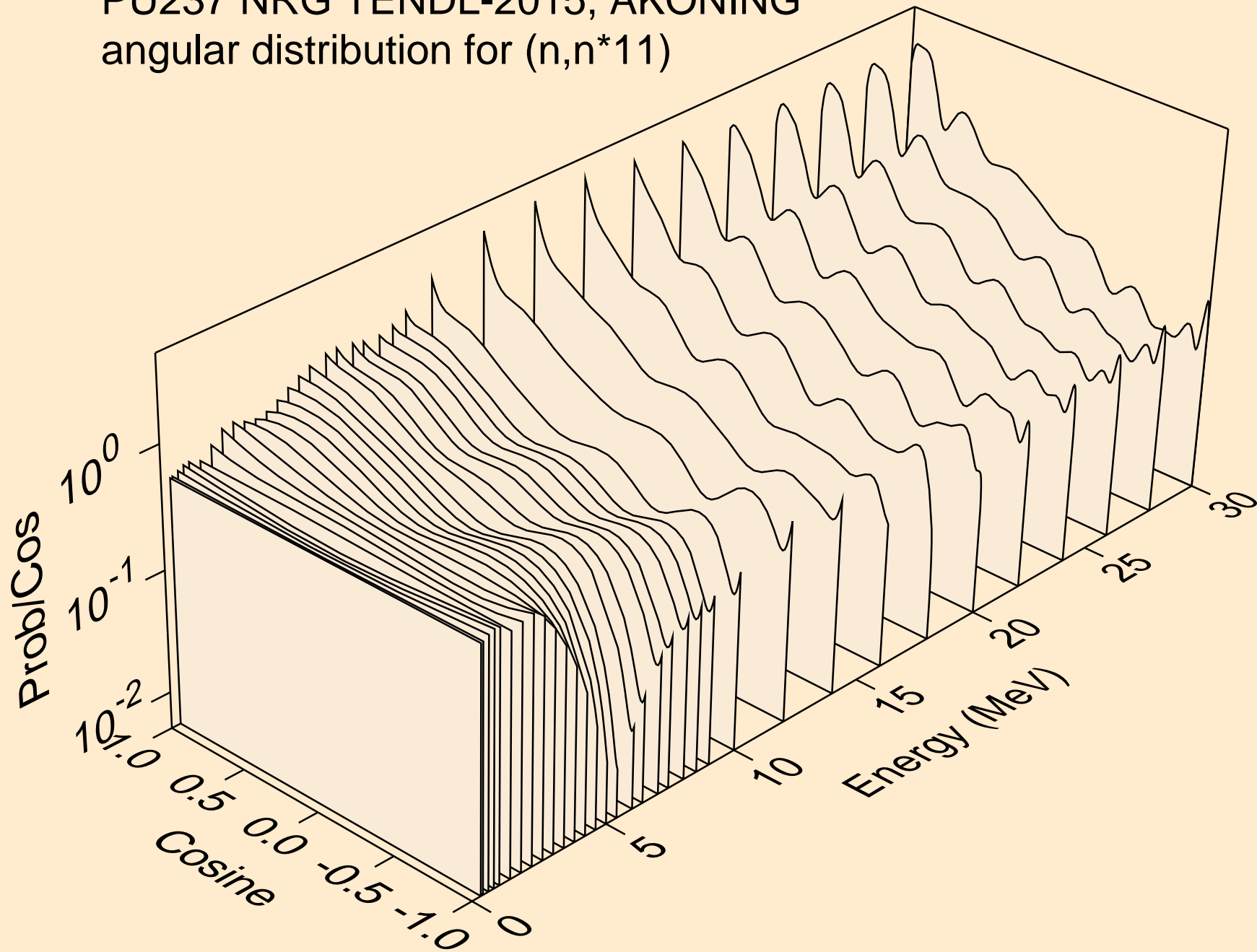
PU237 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



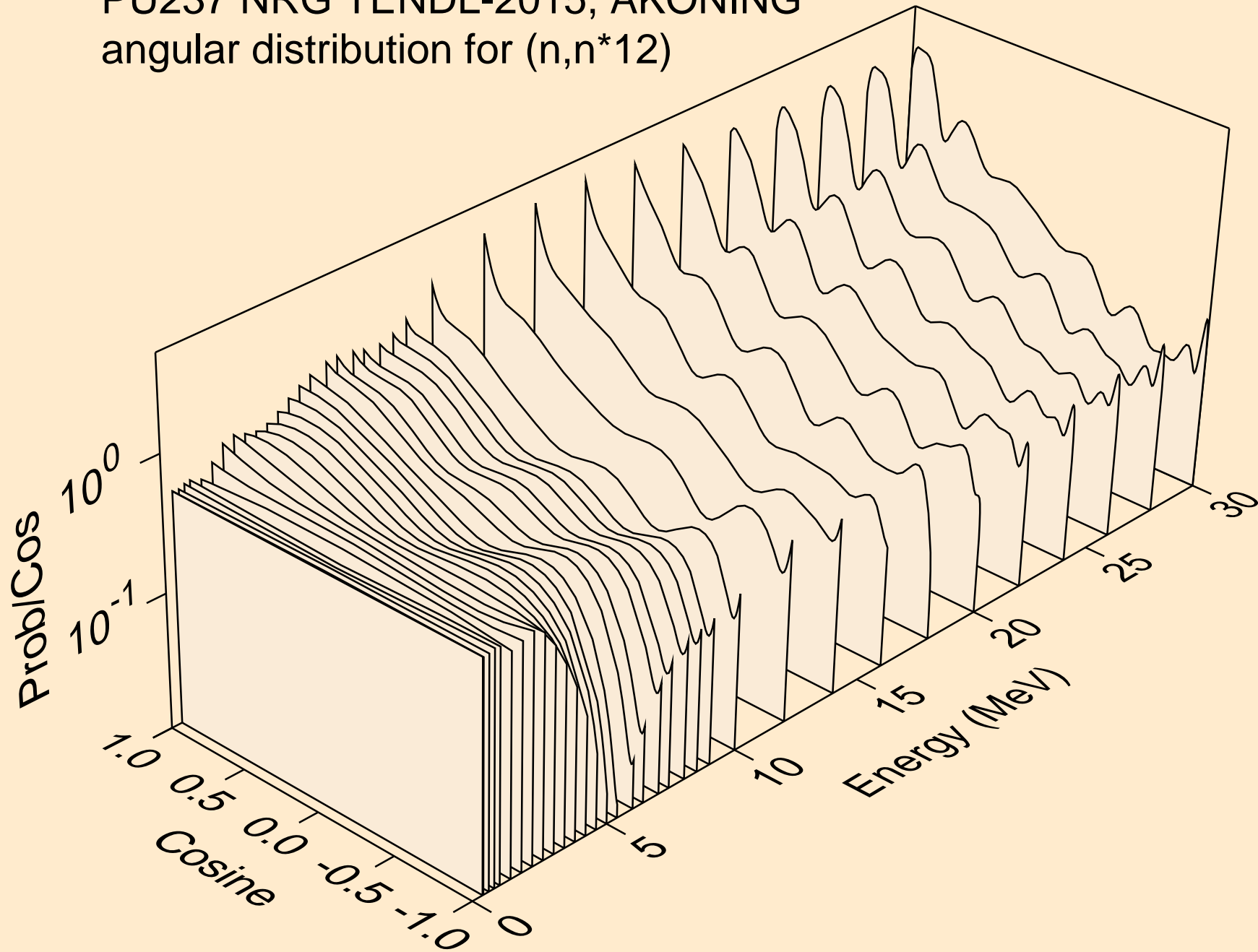
PU237 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



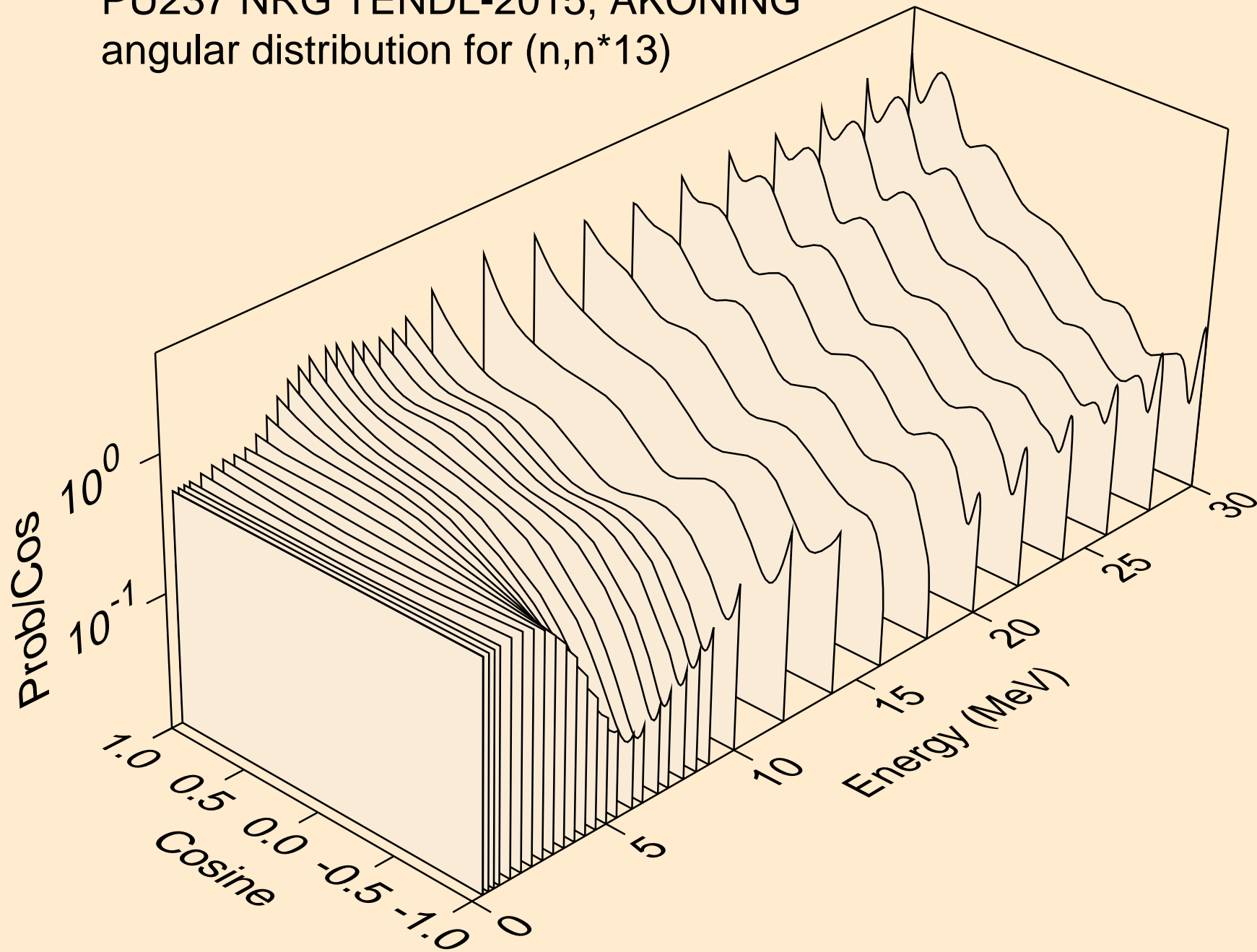
PU237 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



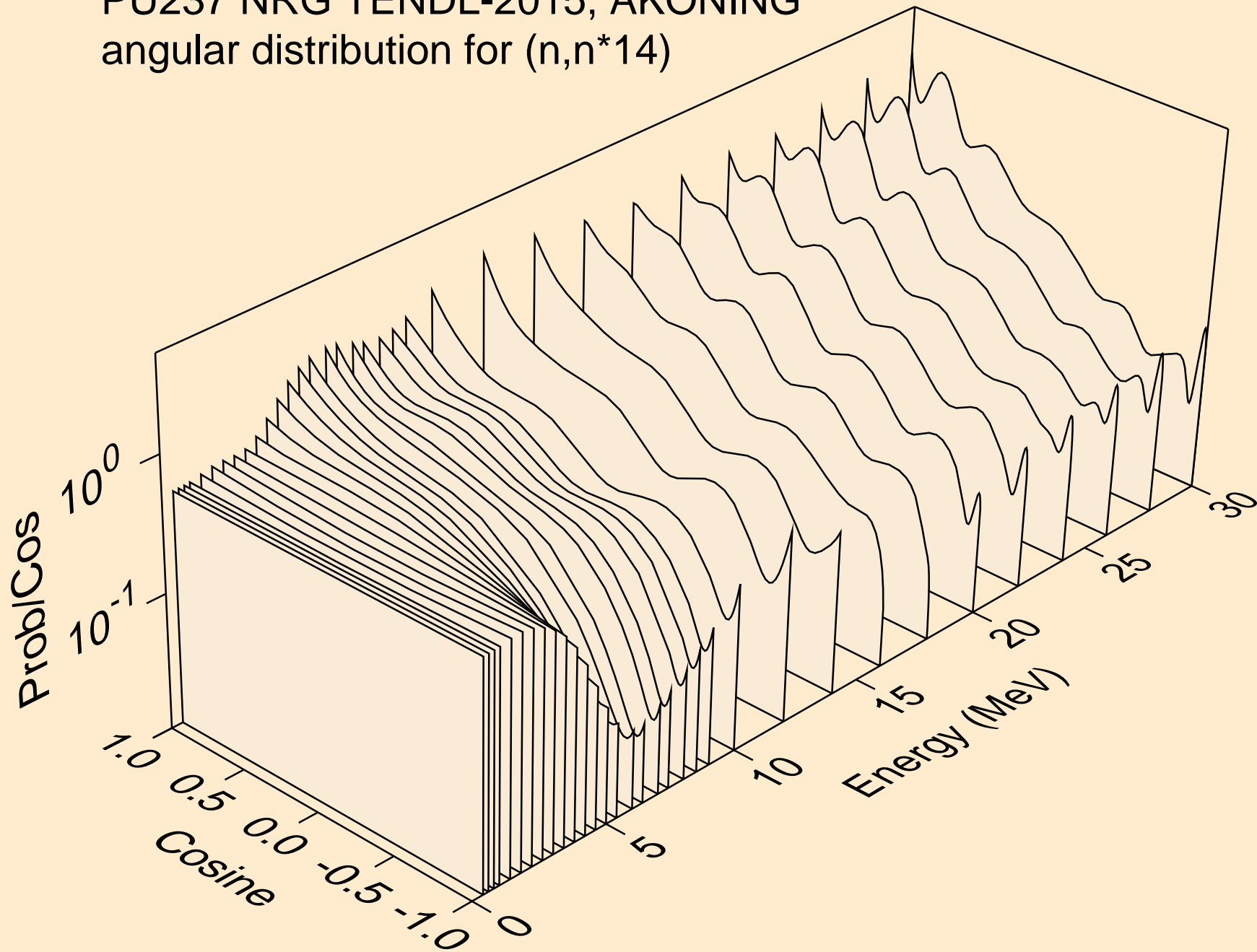
PU237 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



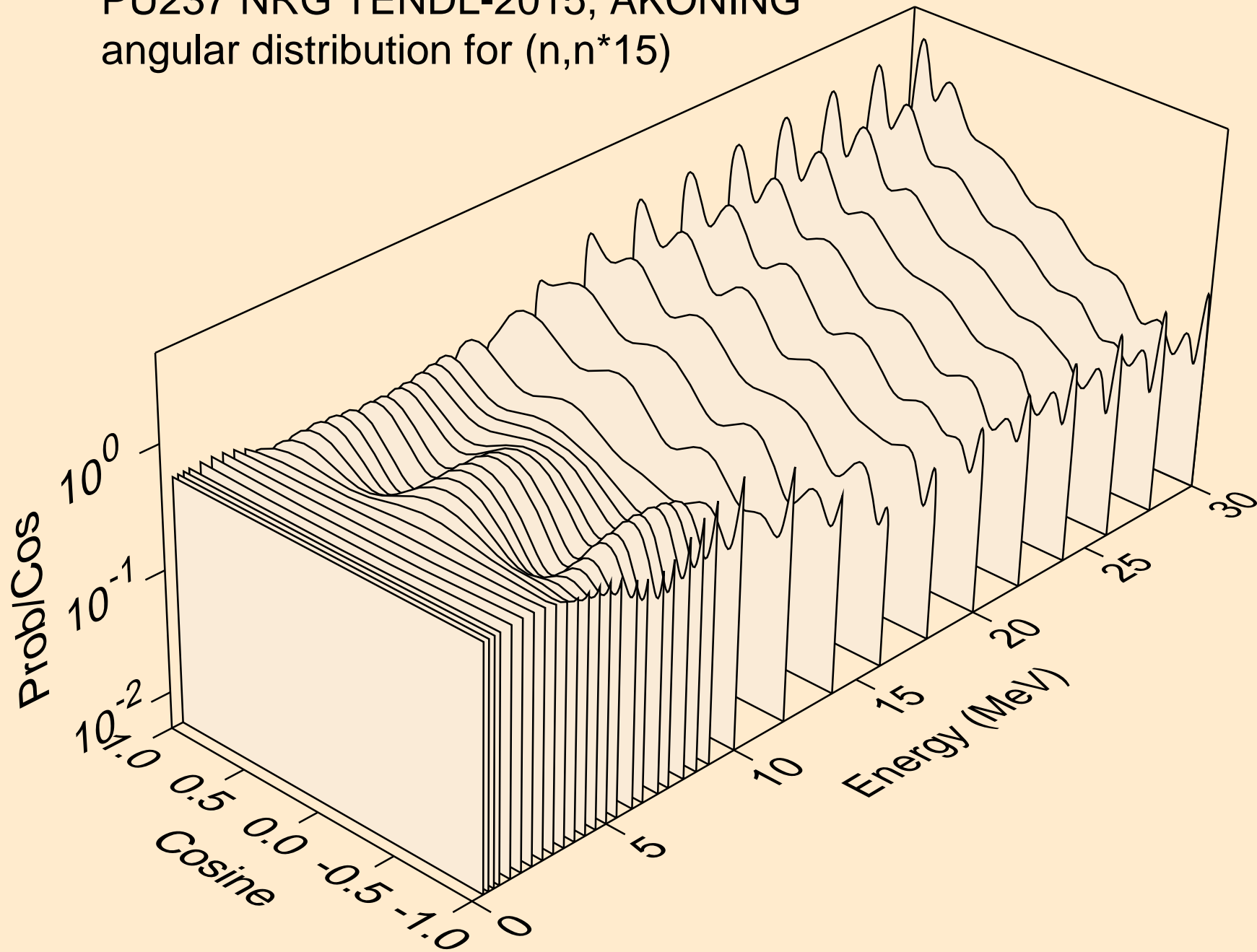
PU237 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



PU237 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

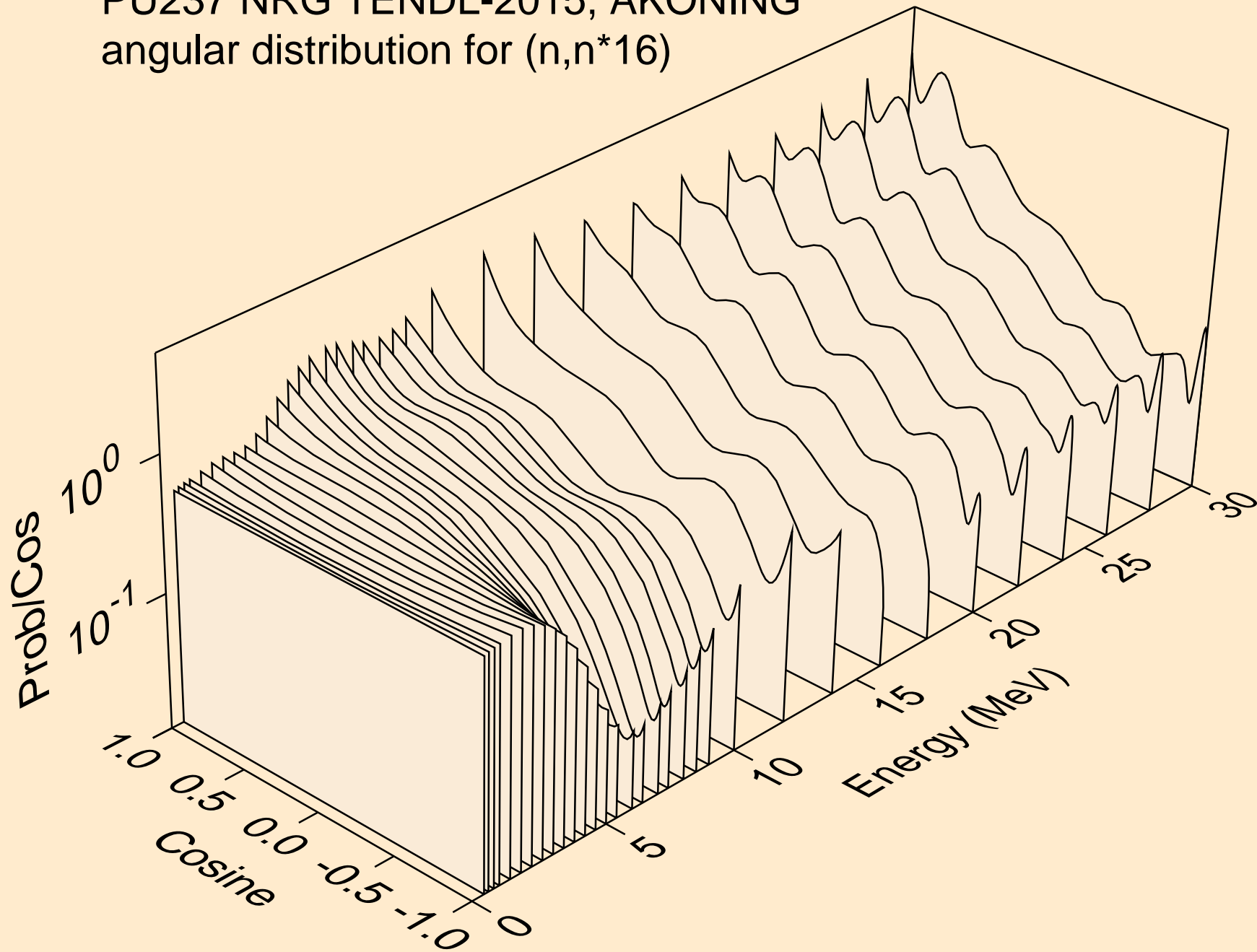


PU237 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



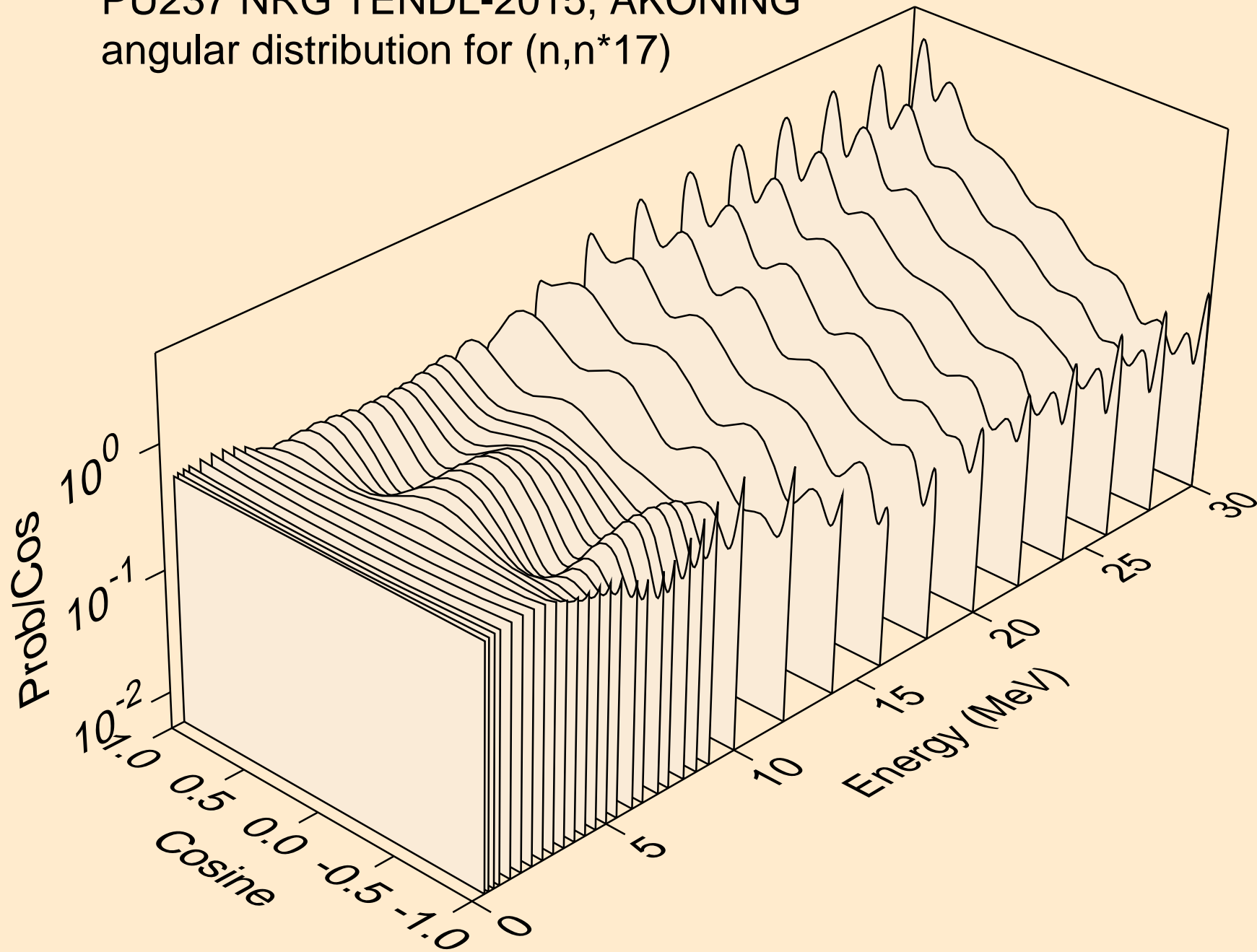


PU237 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)

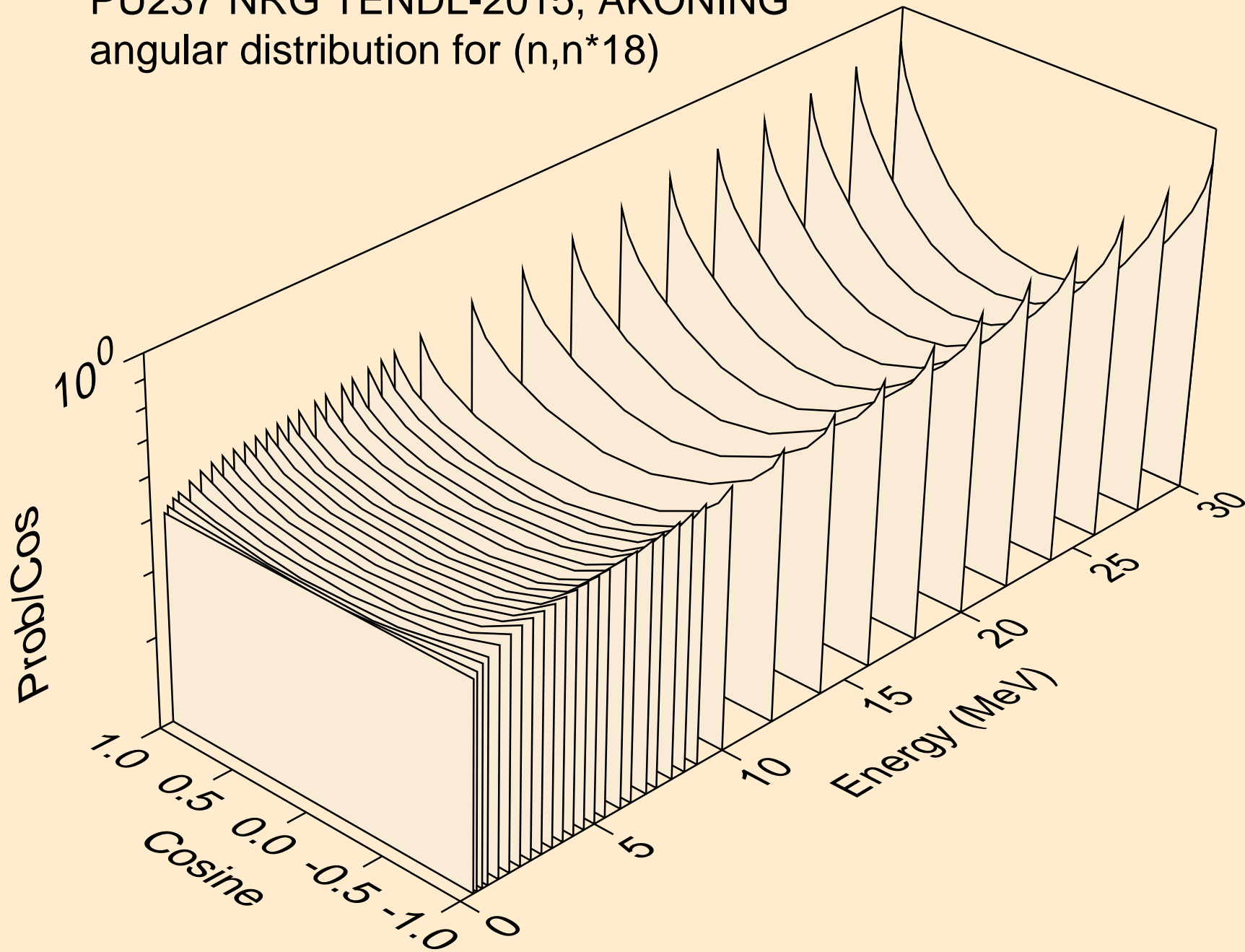




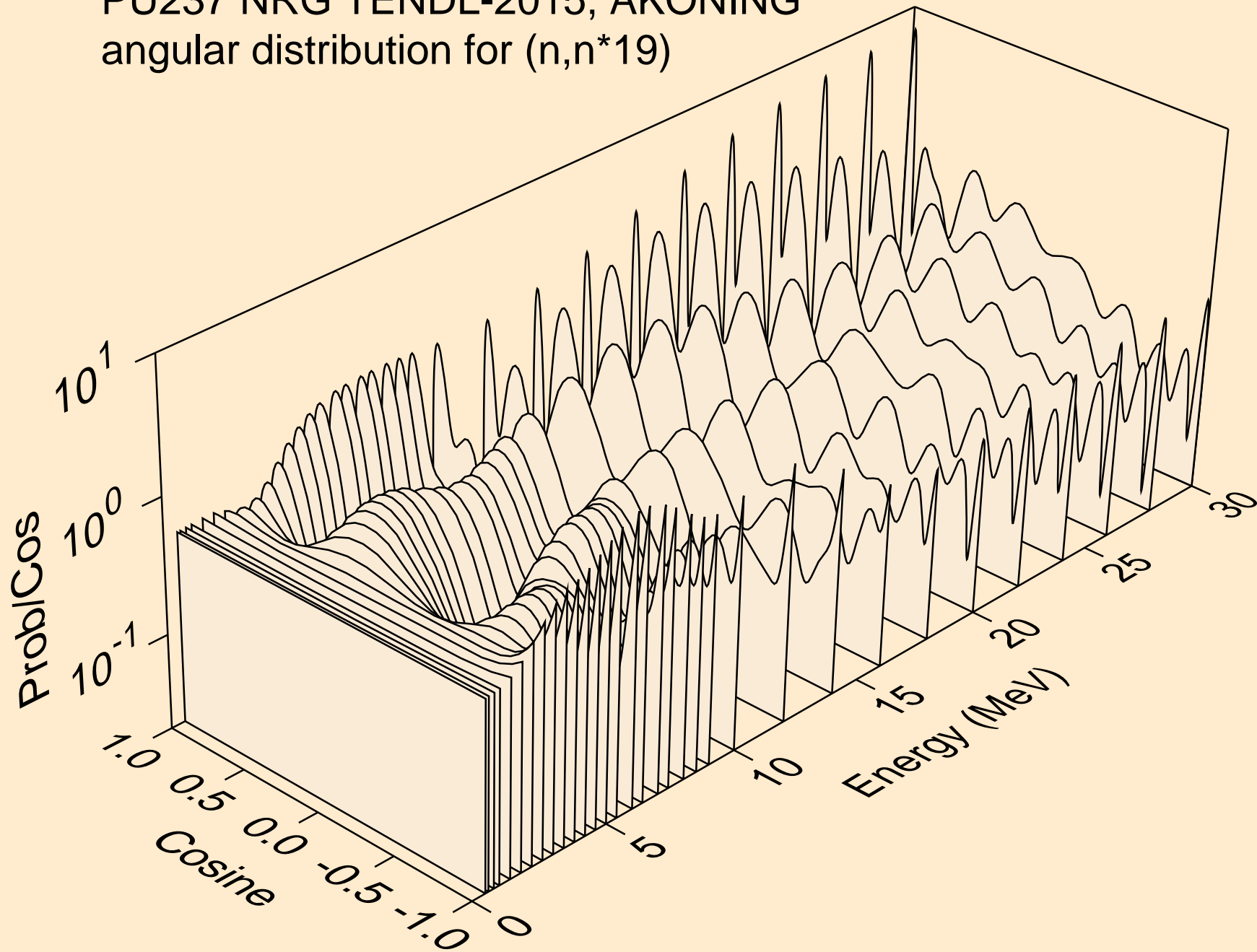
PU237 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



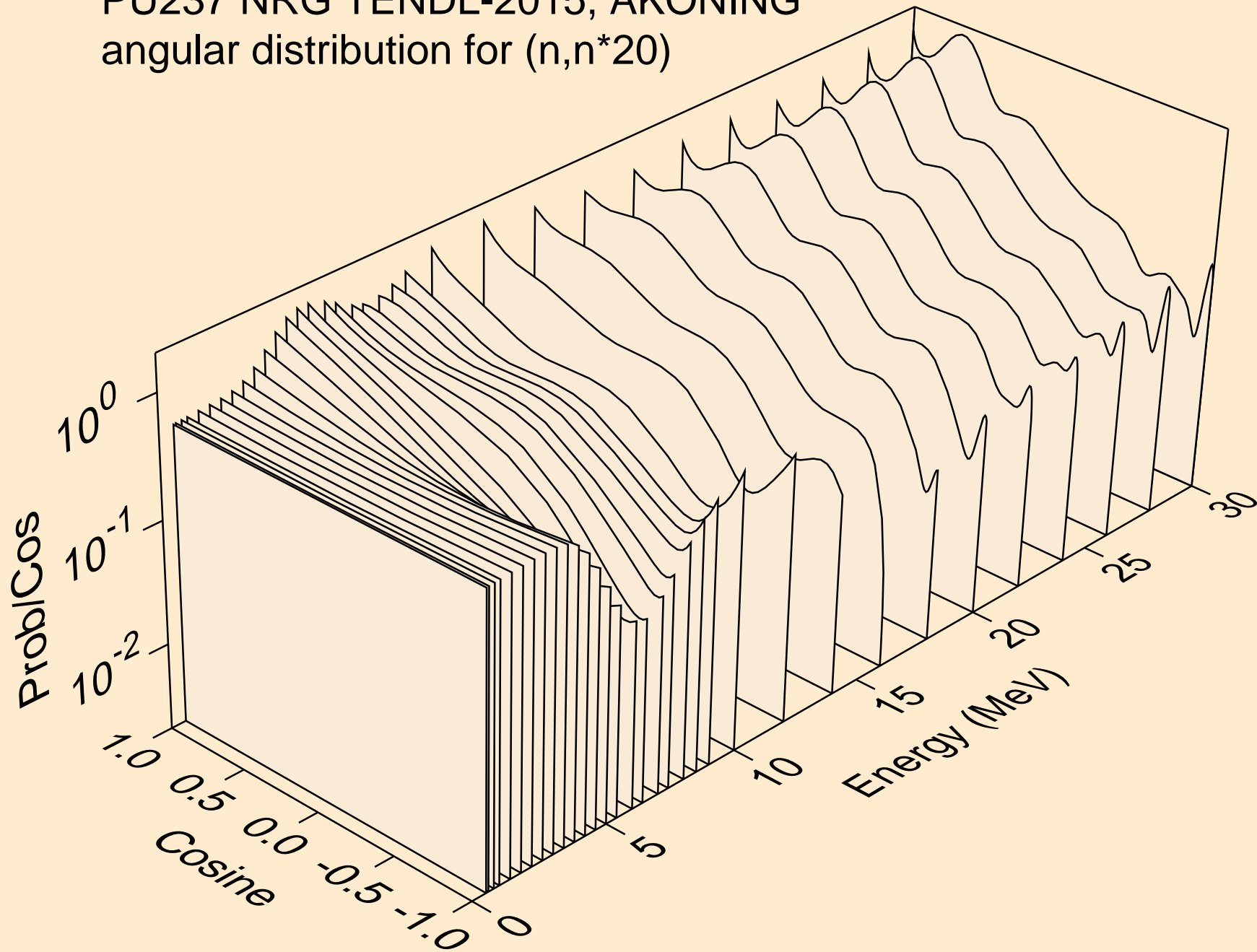
PU237 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



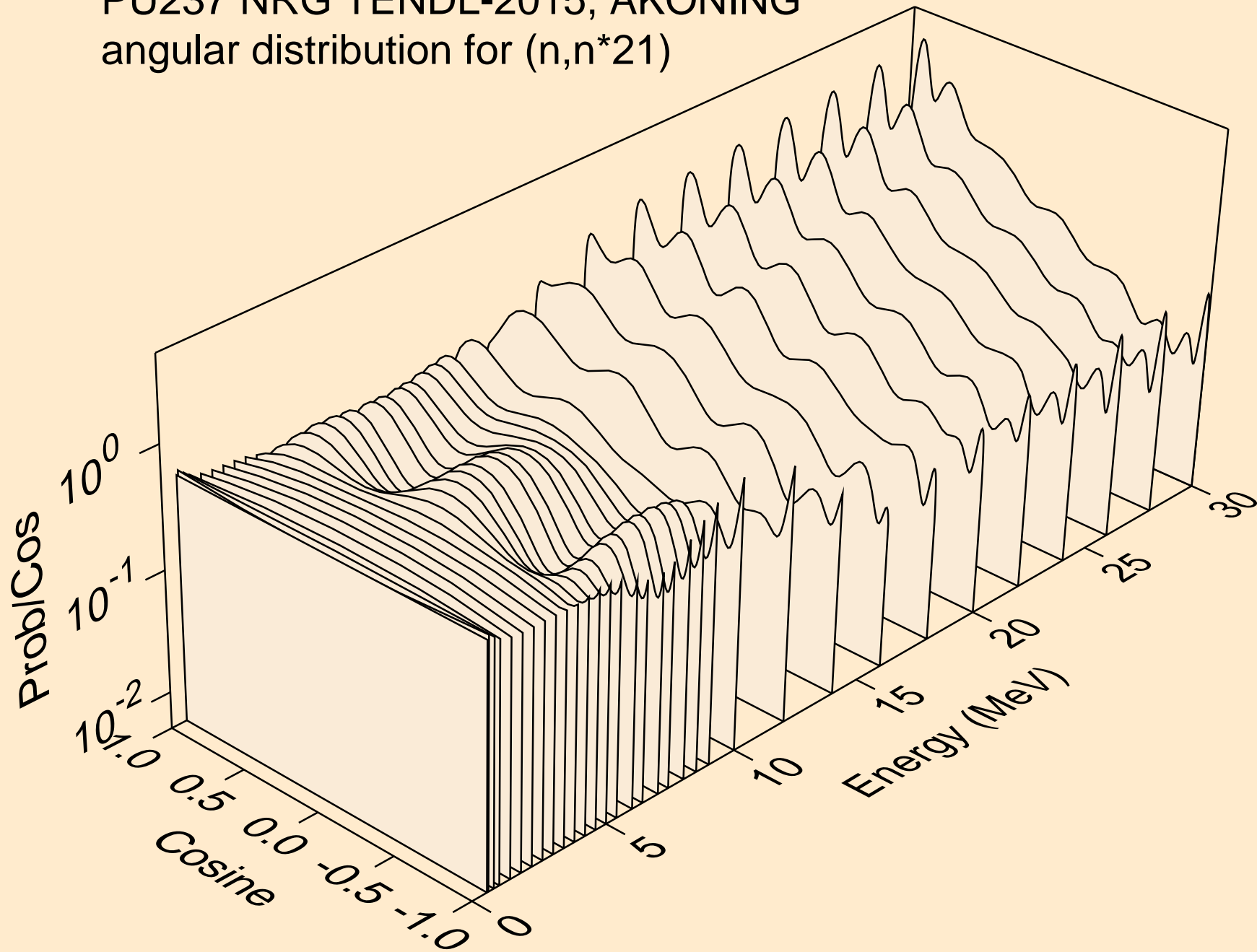
PU237 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



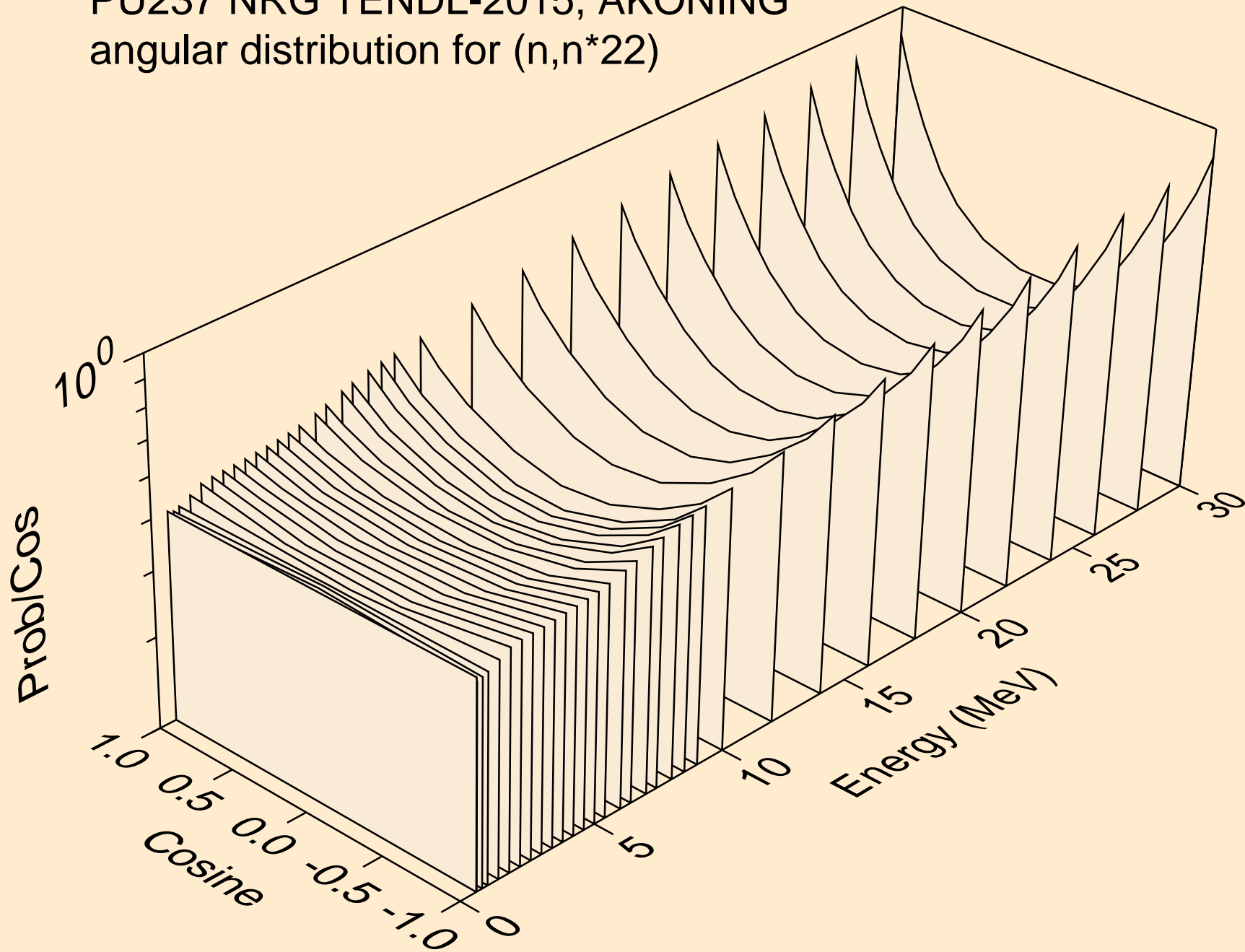
PU237 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



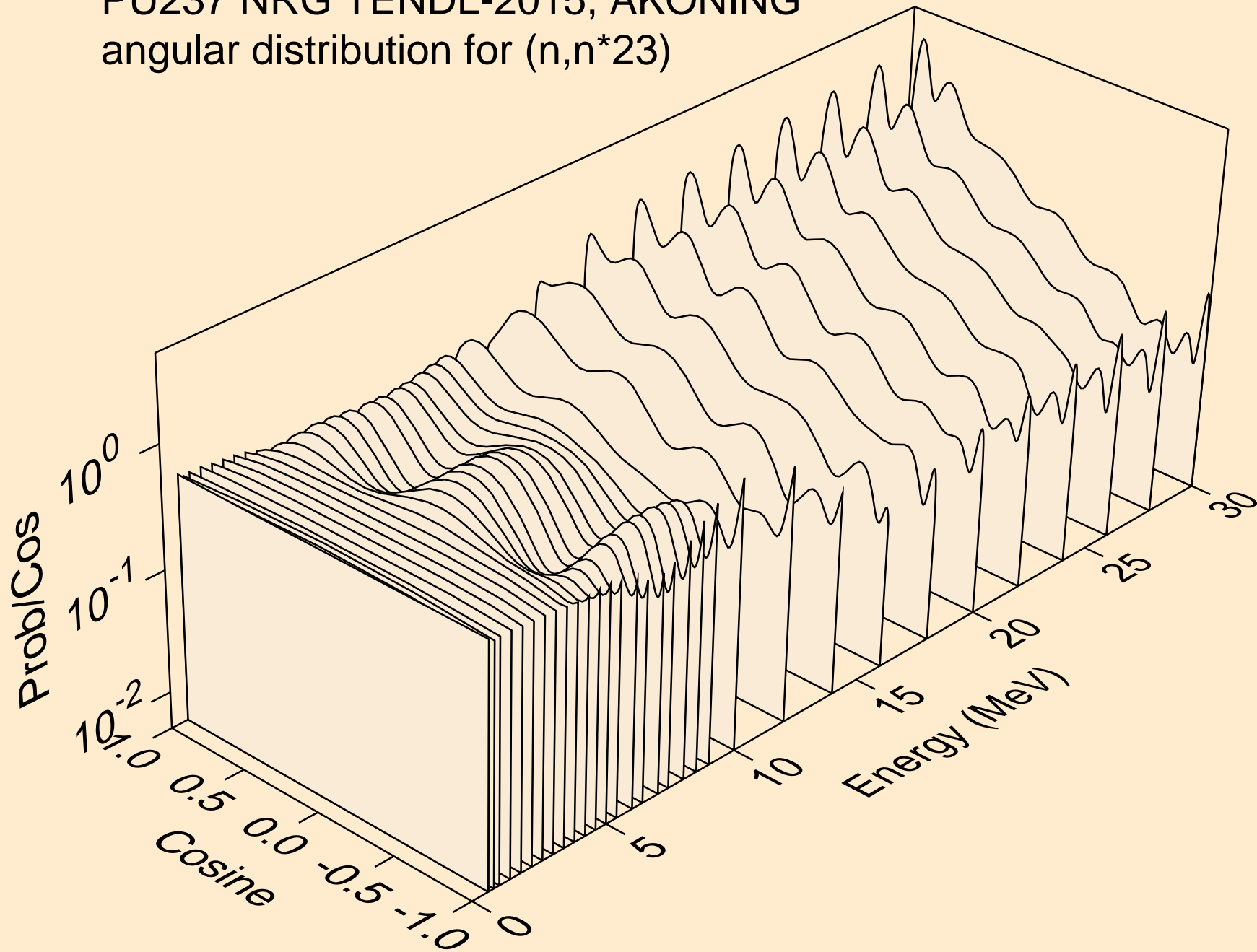
PU237 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



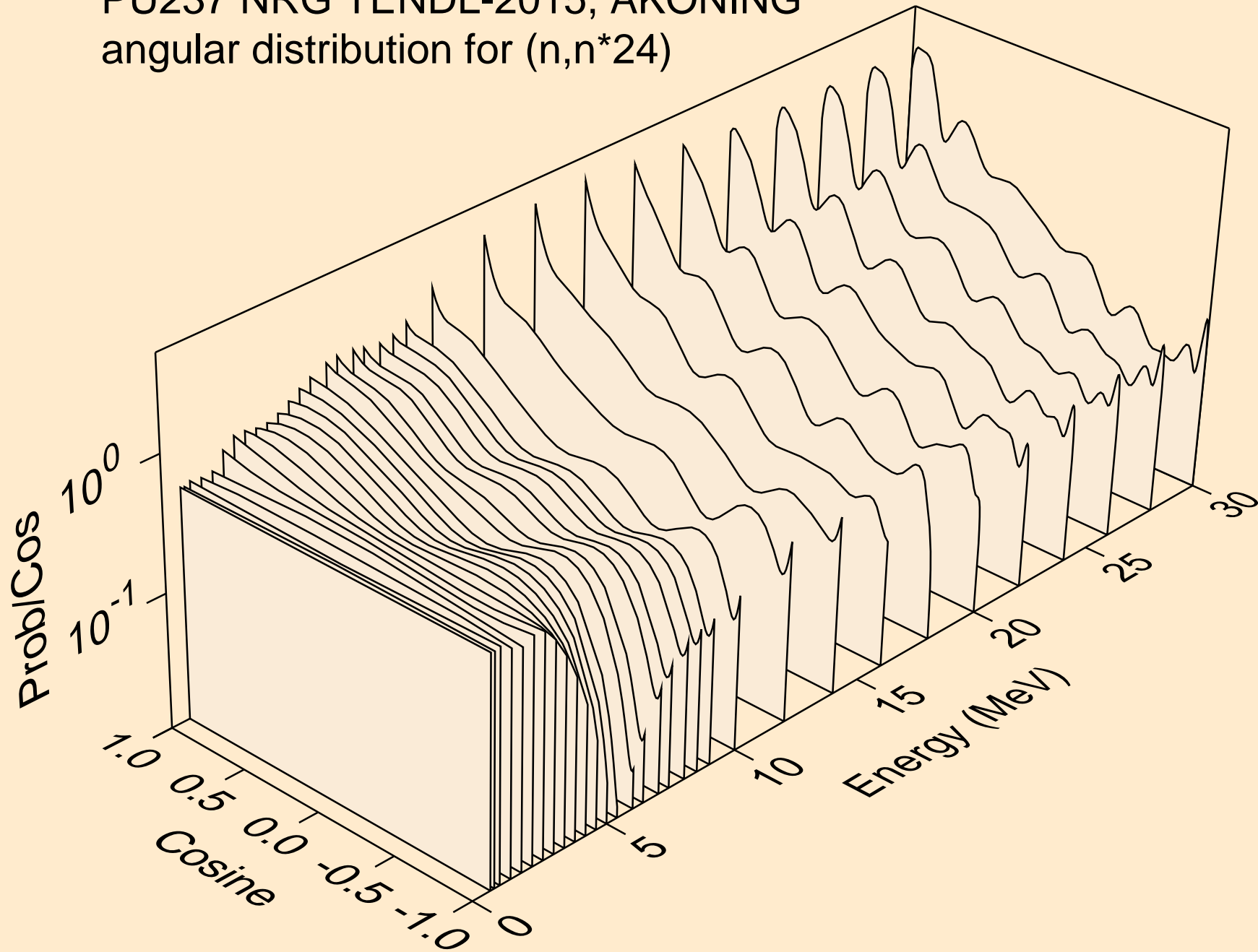
PU237 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



PU237 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)

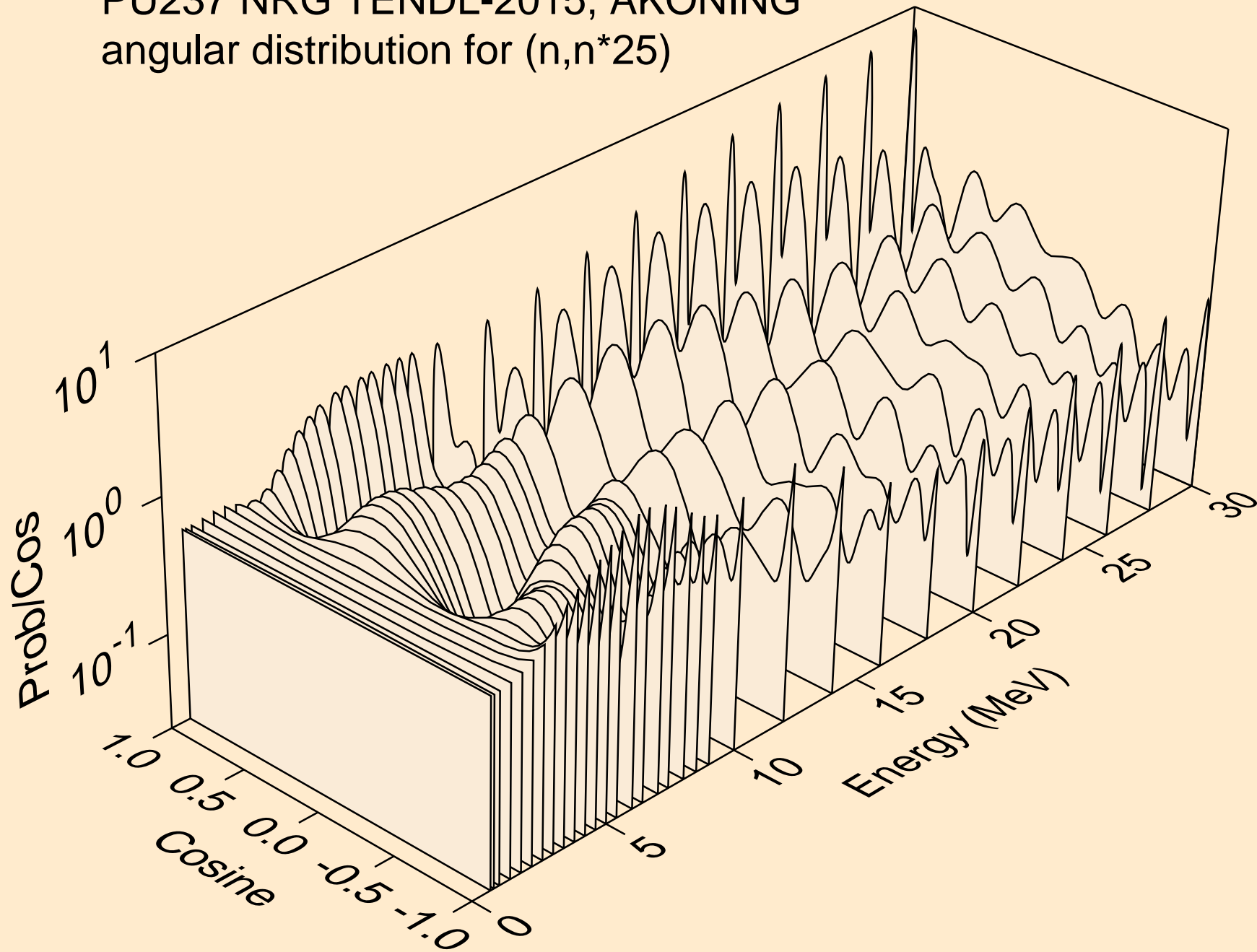


PU237 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)

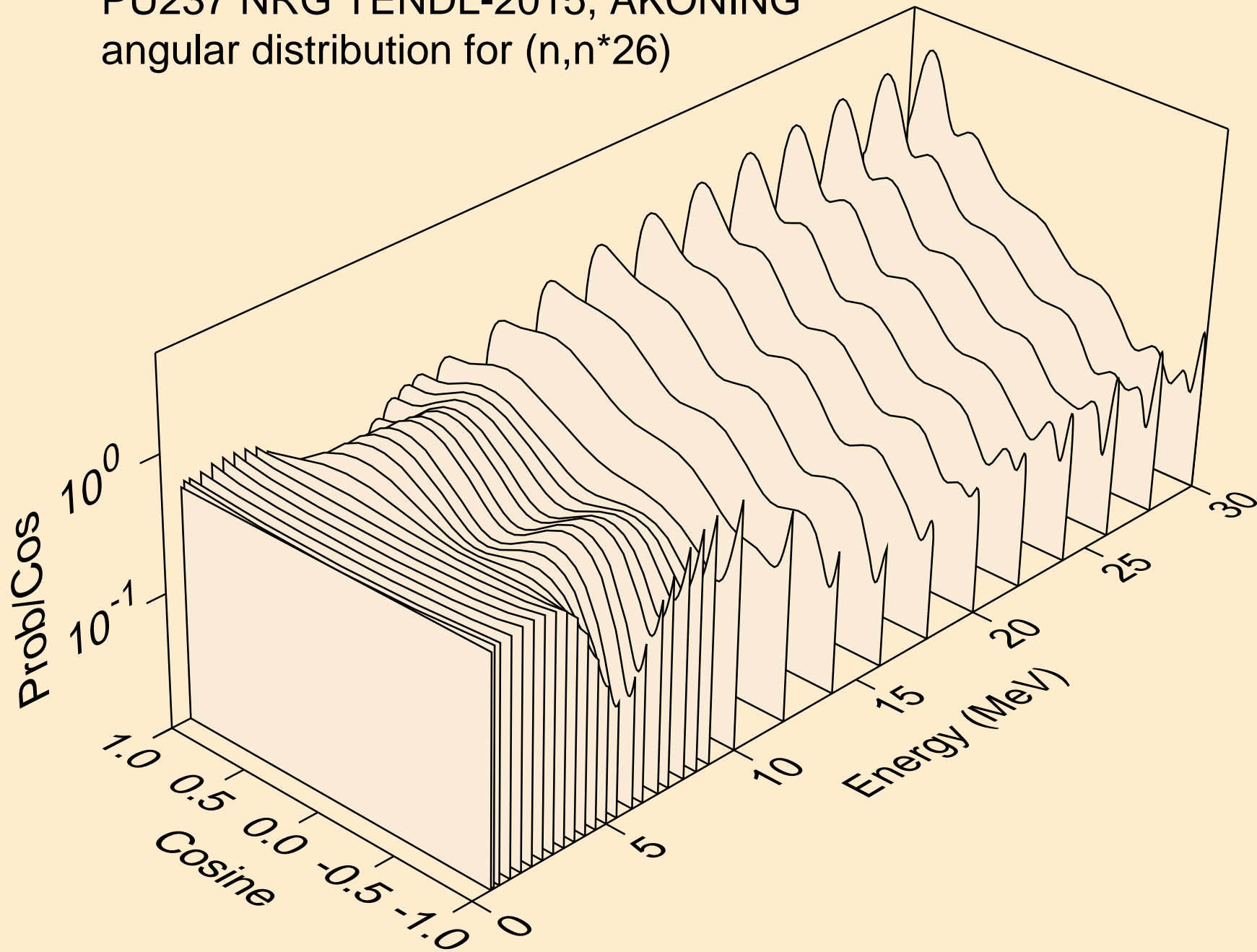




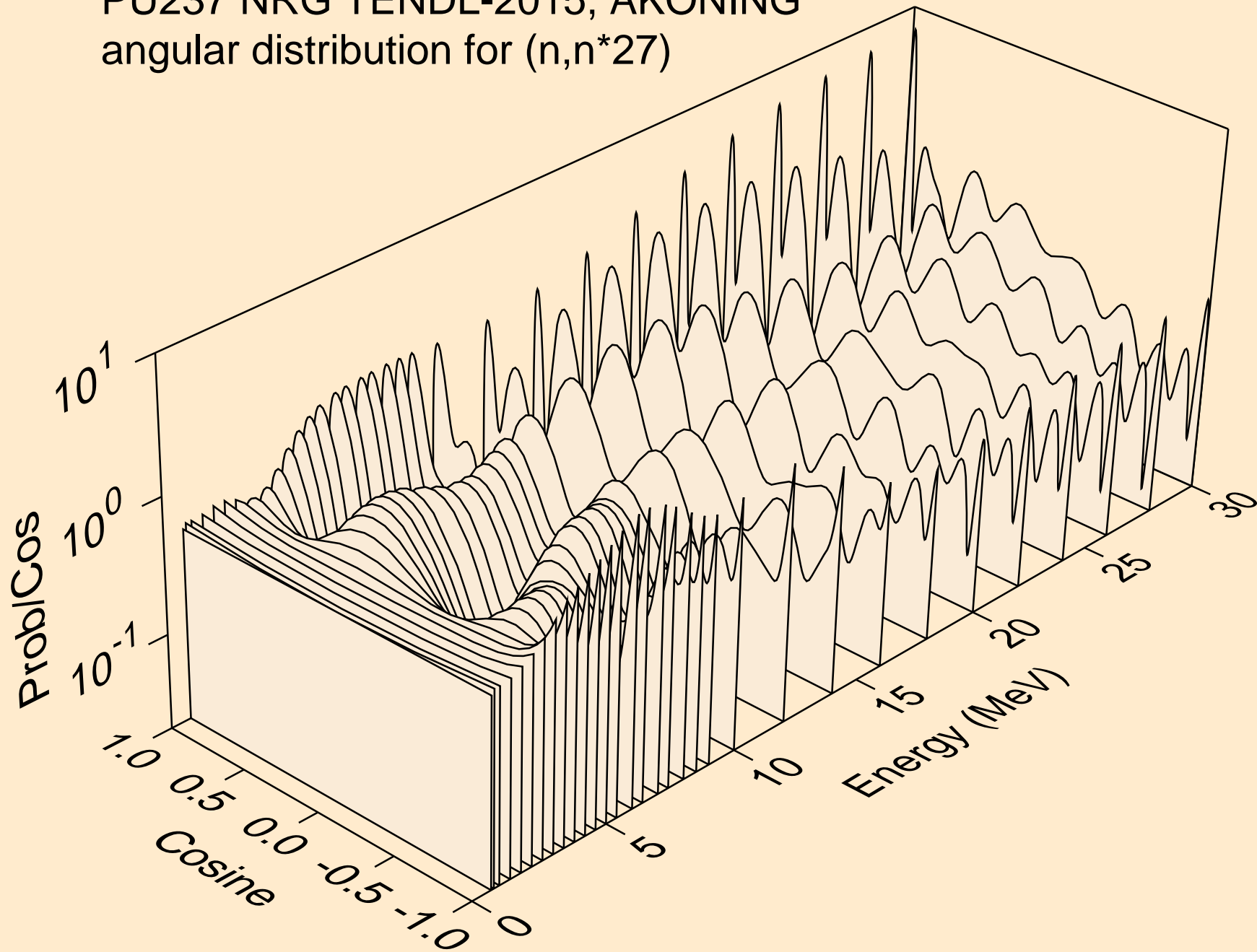
PU237 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



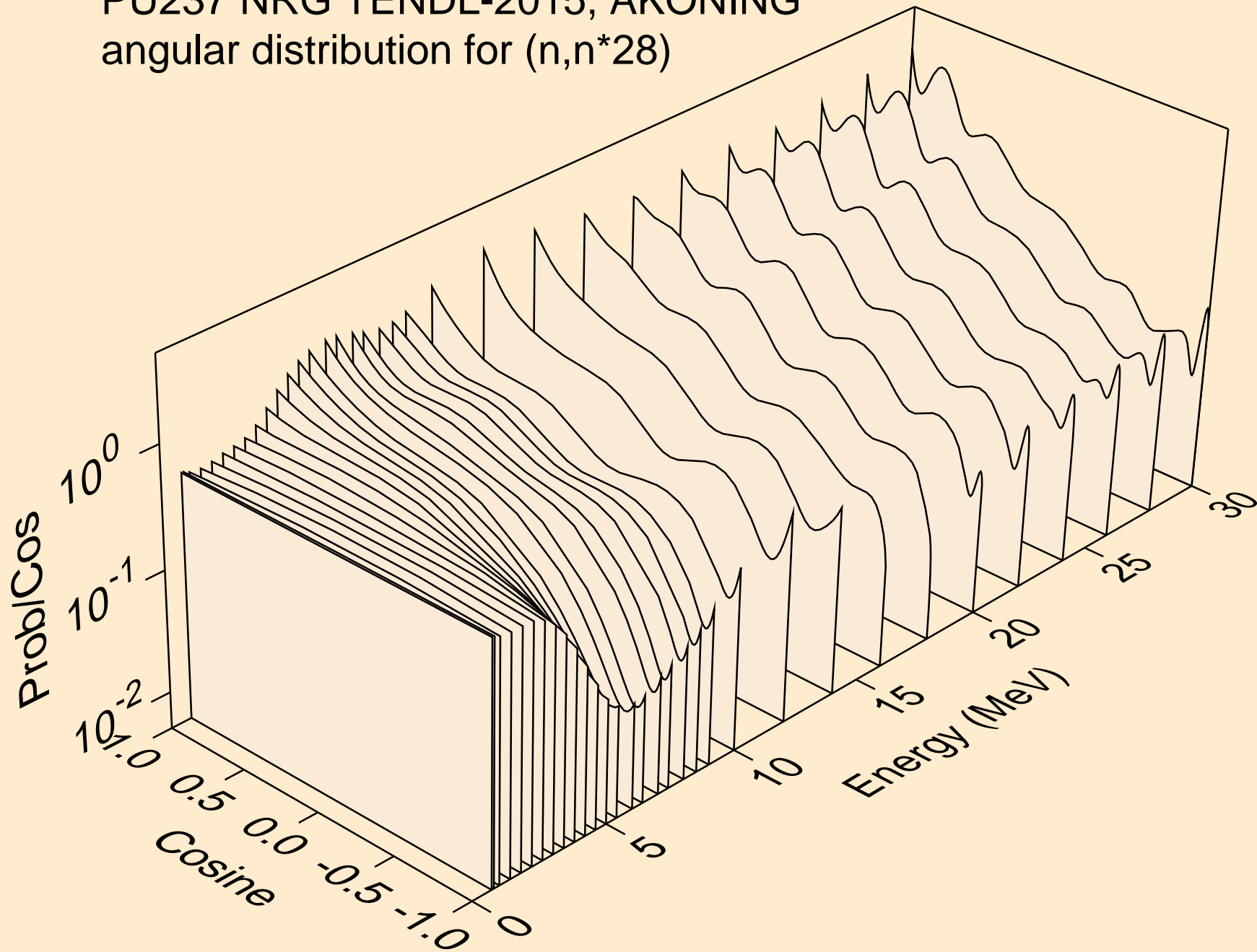
PU237 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



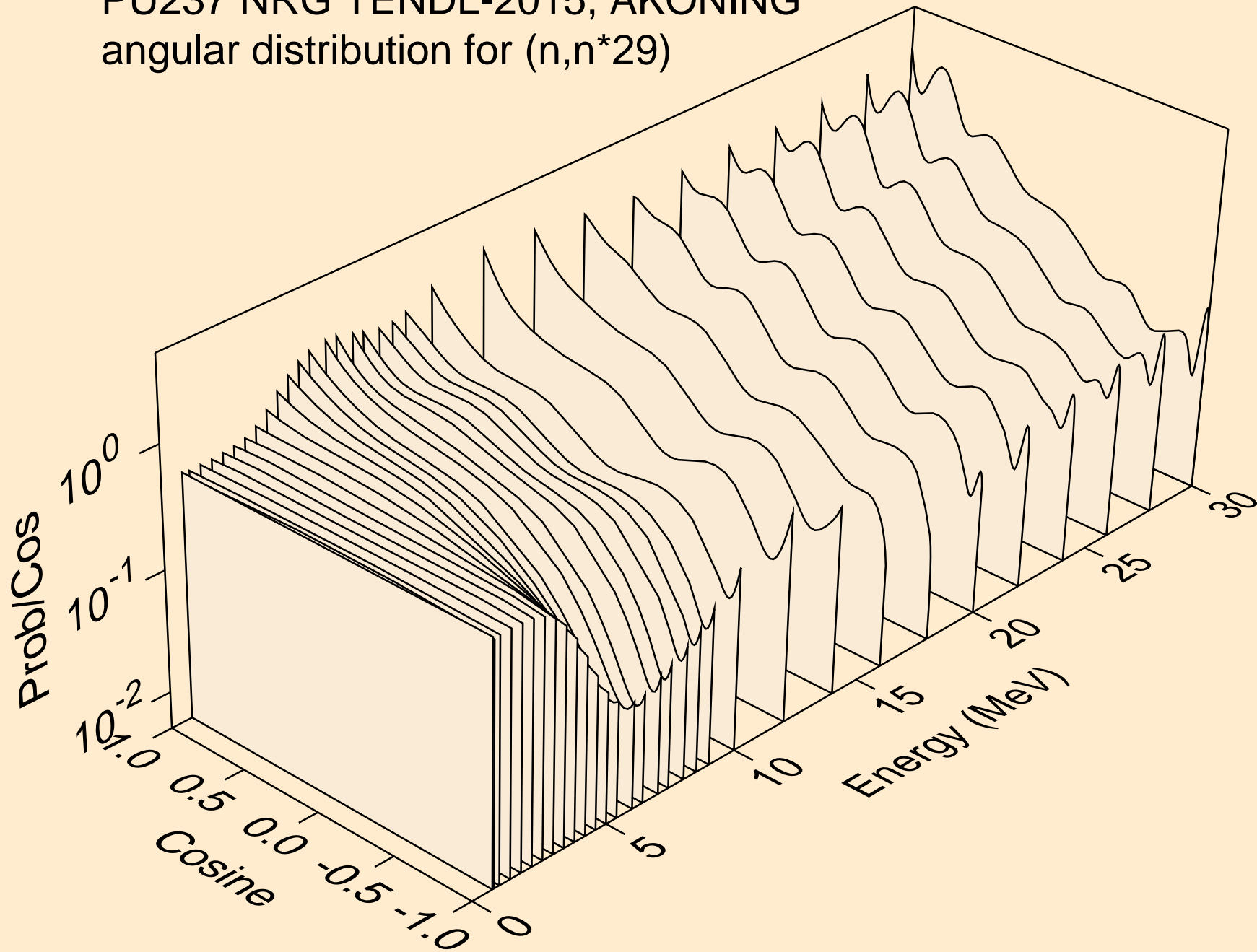
PU237 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



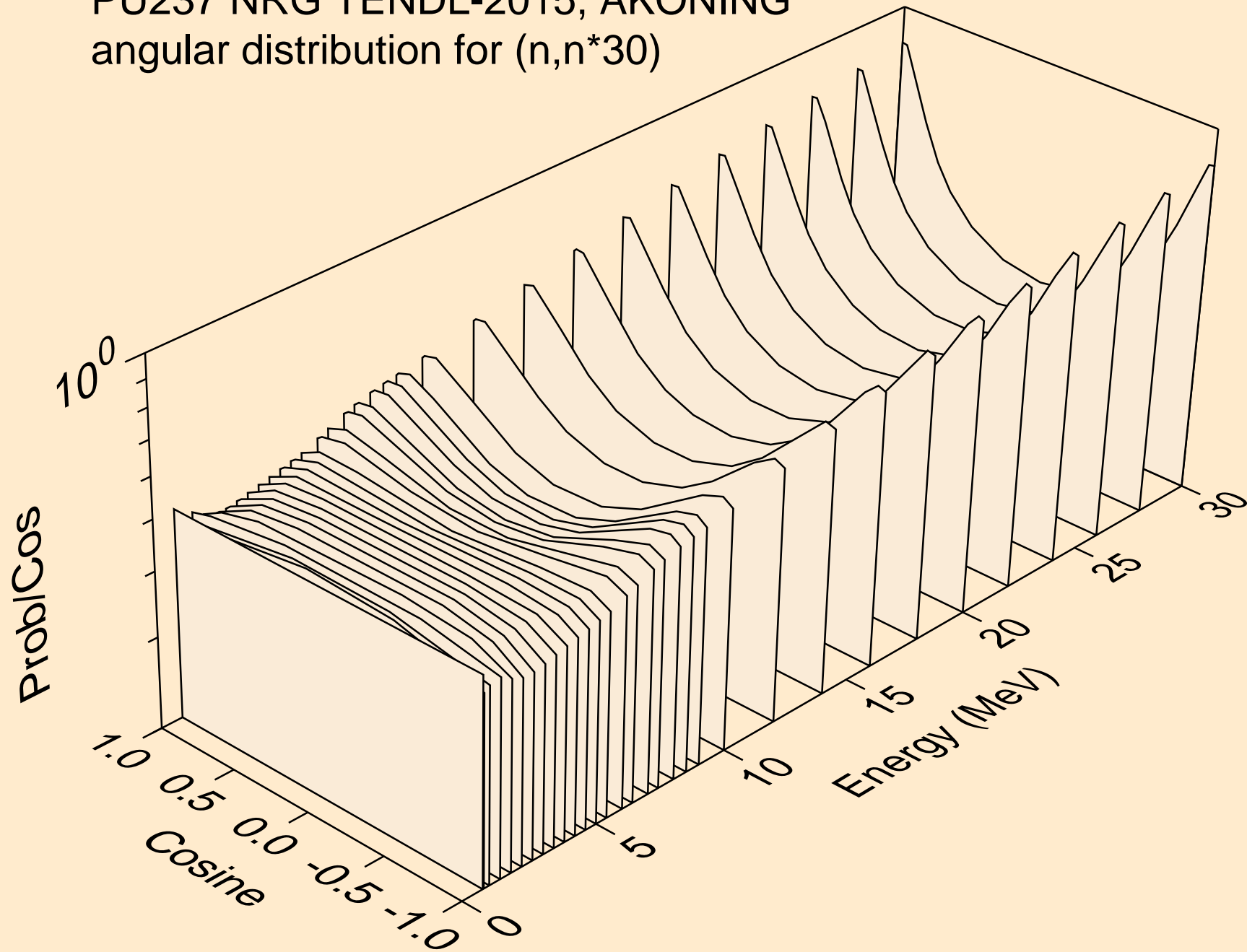
PU237 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



PU237 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)

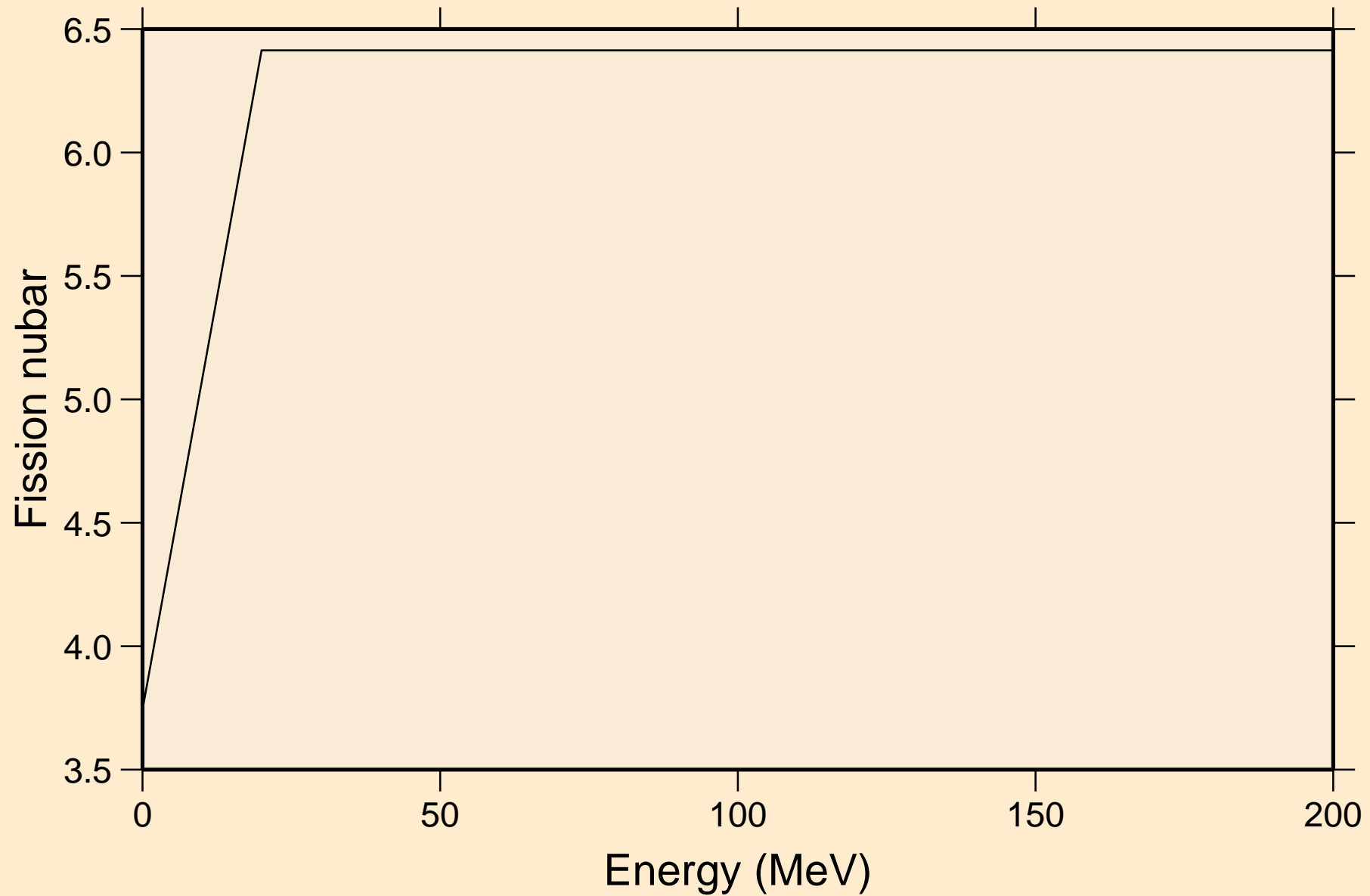


PU237 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)

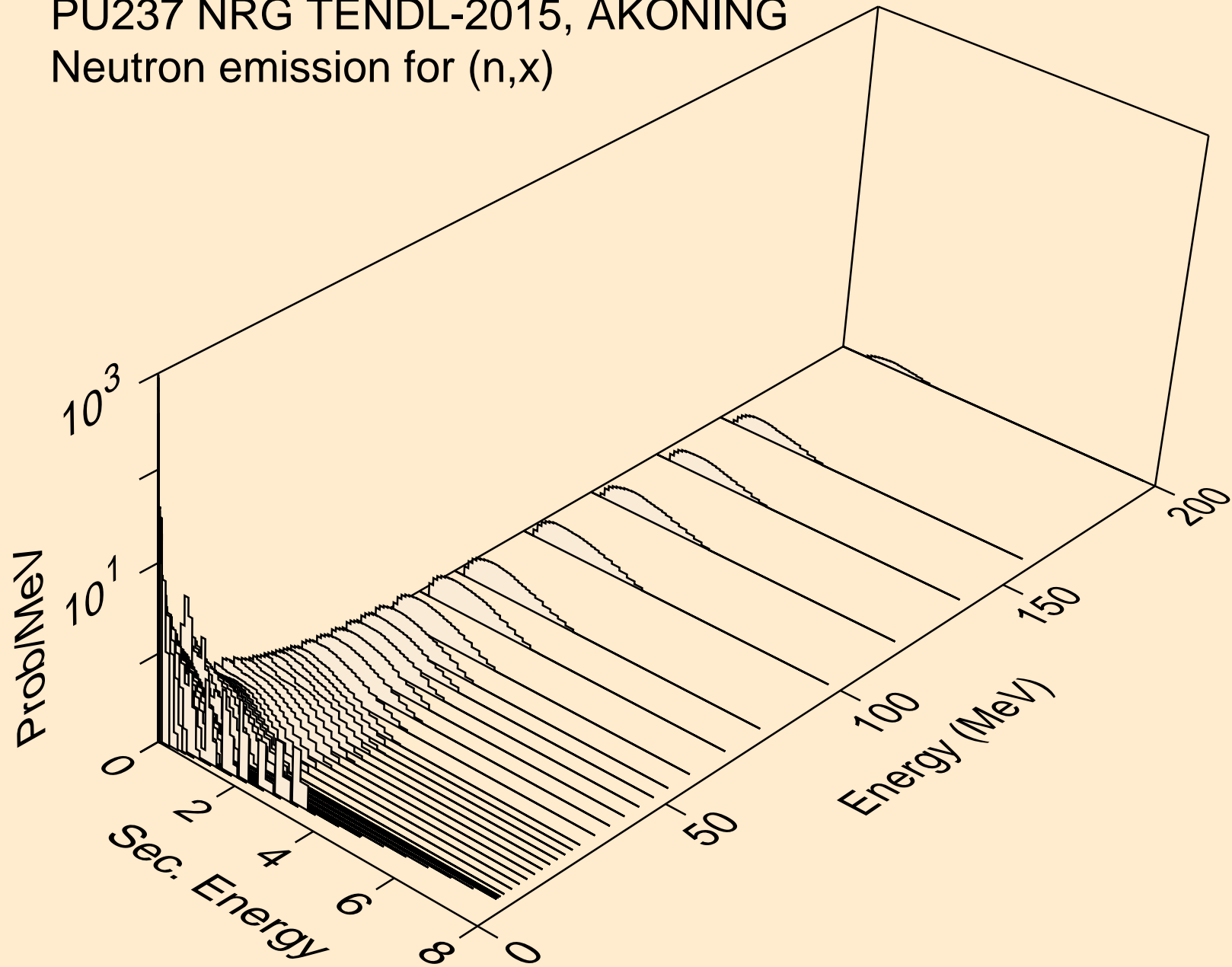


# PU237 NRG TENDL-2015, AKONING

Total fission nubar

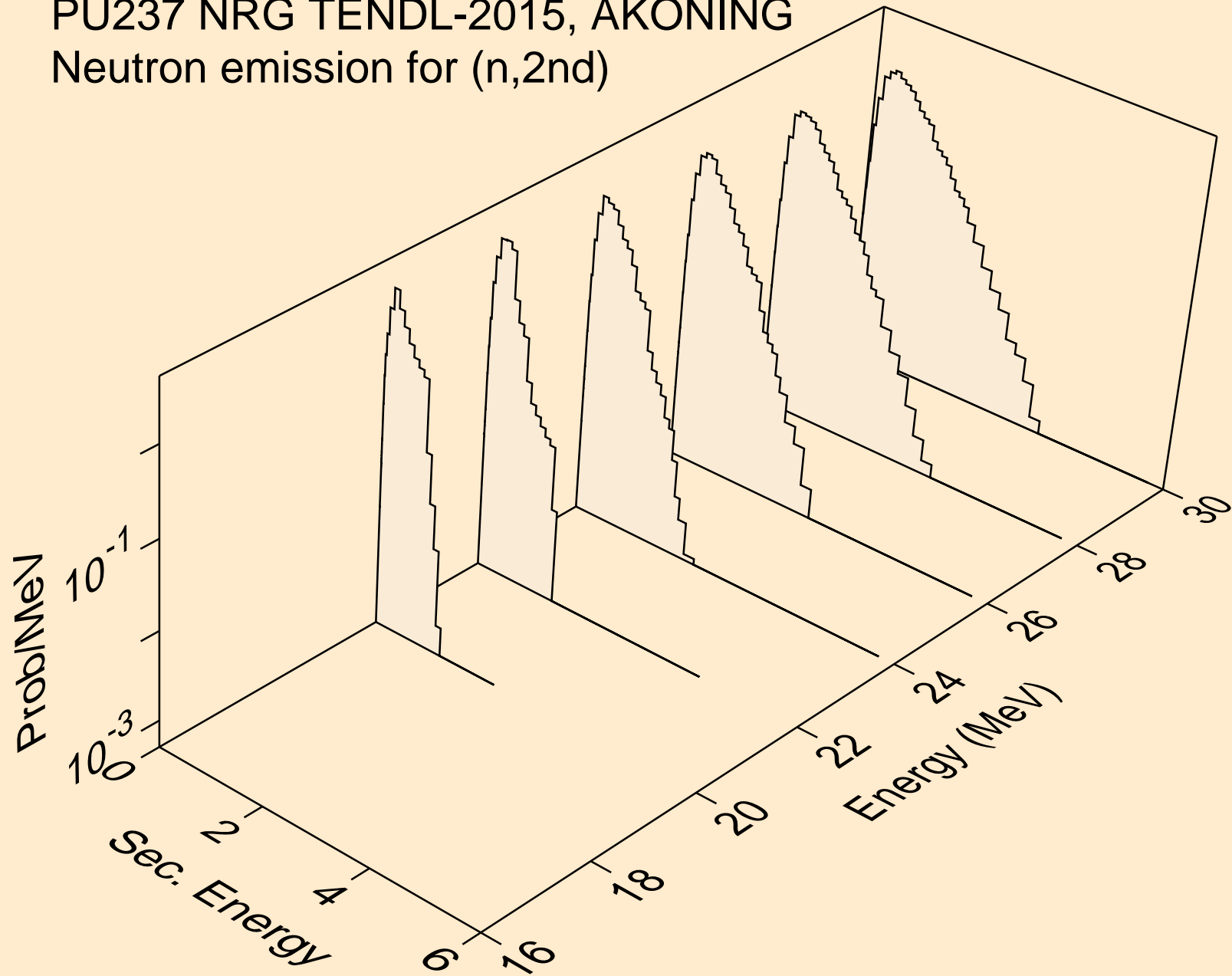


PU237 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

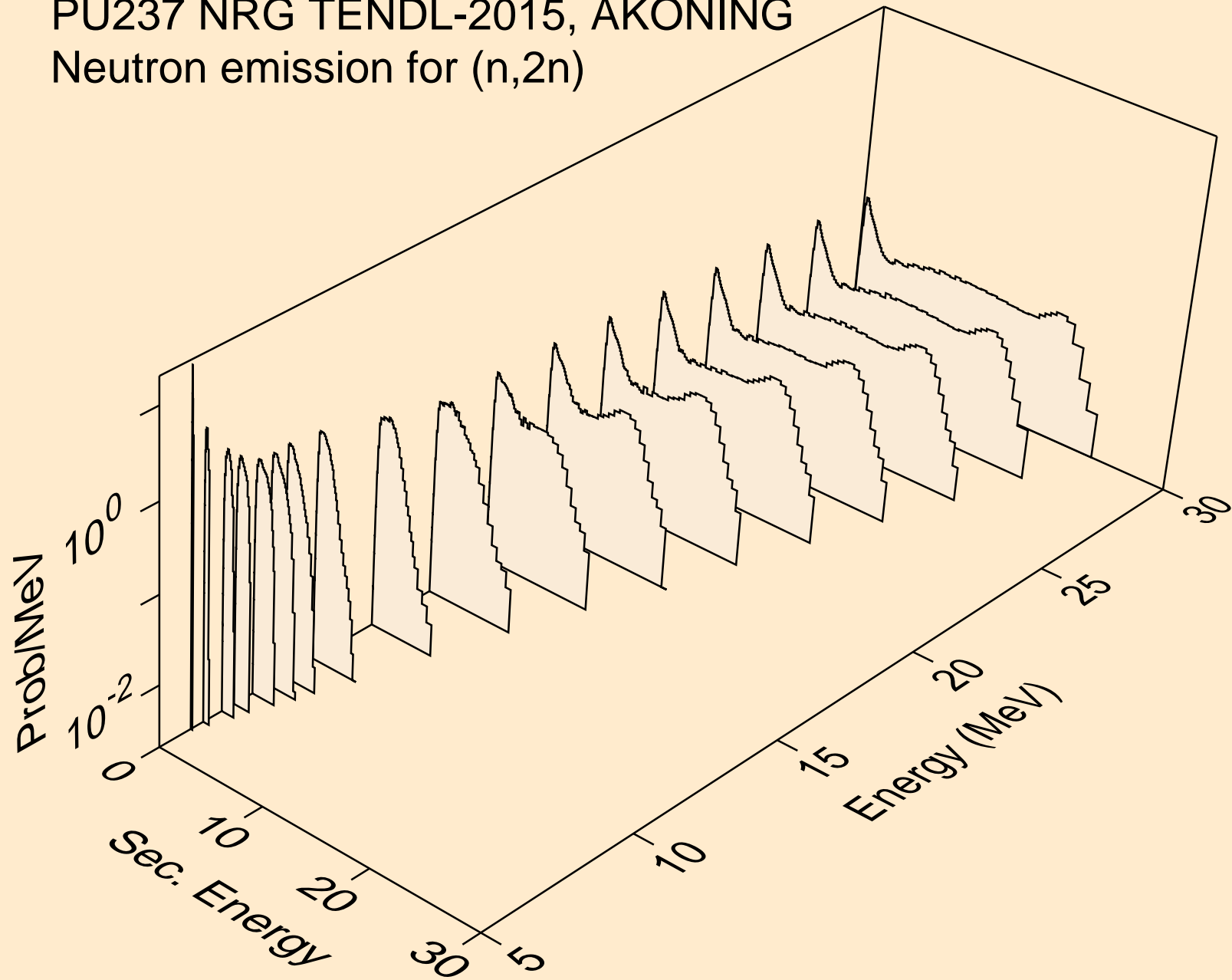




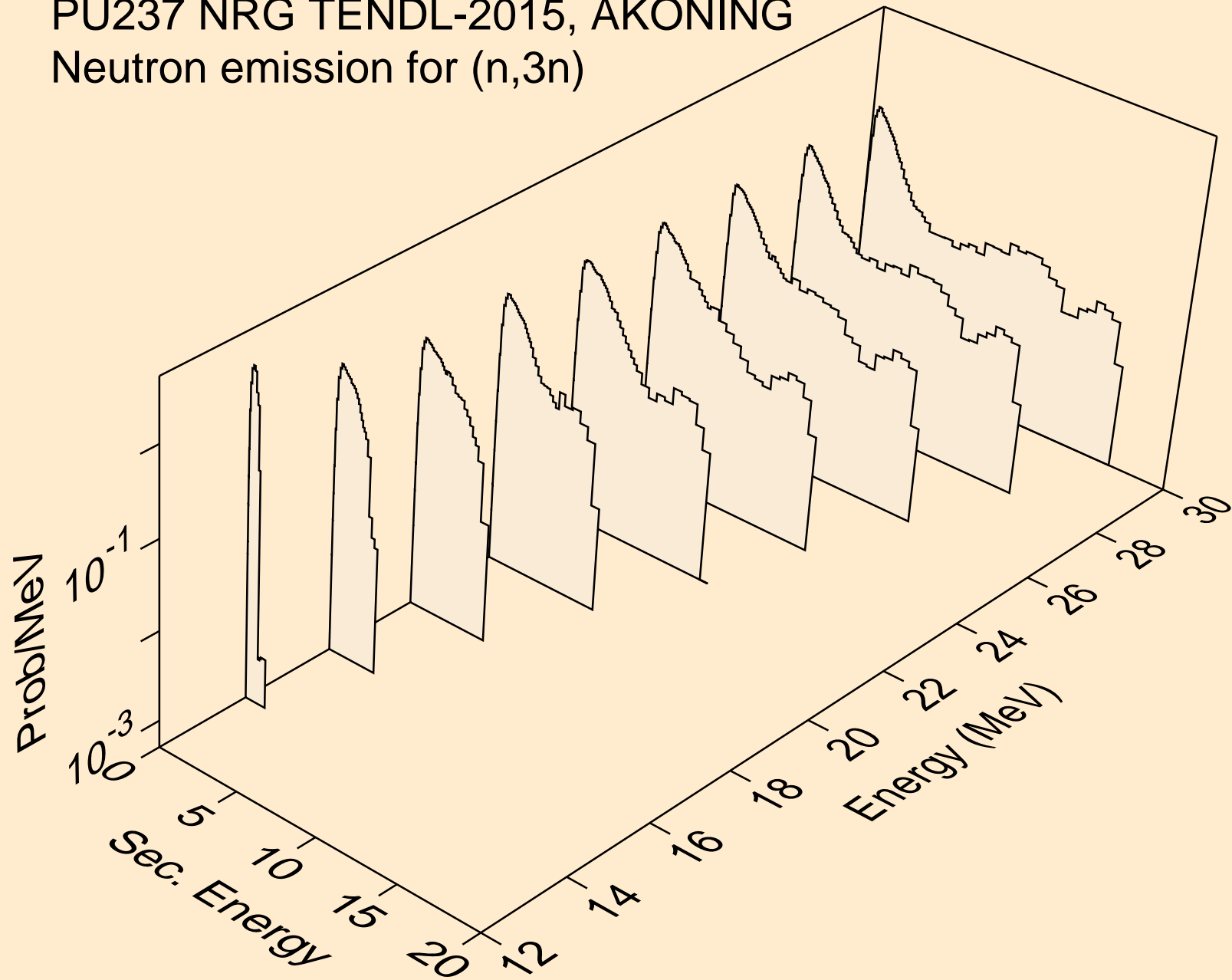
PU237 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



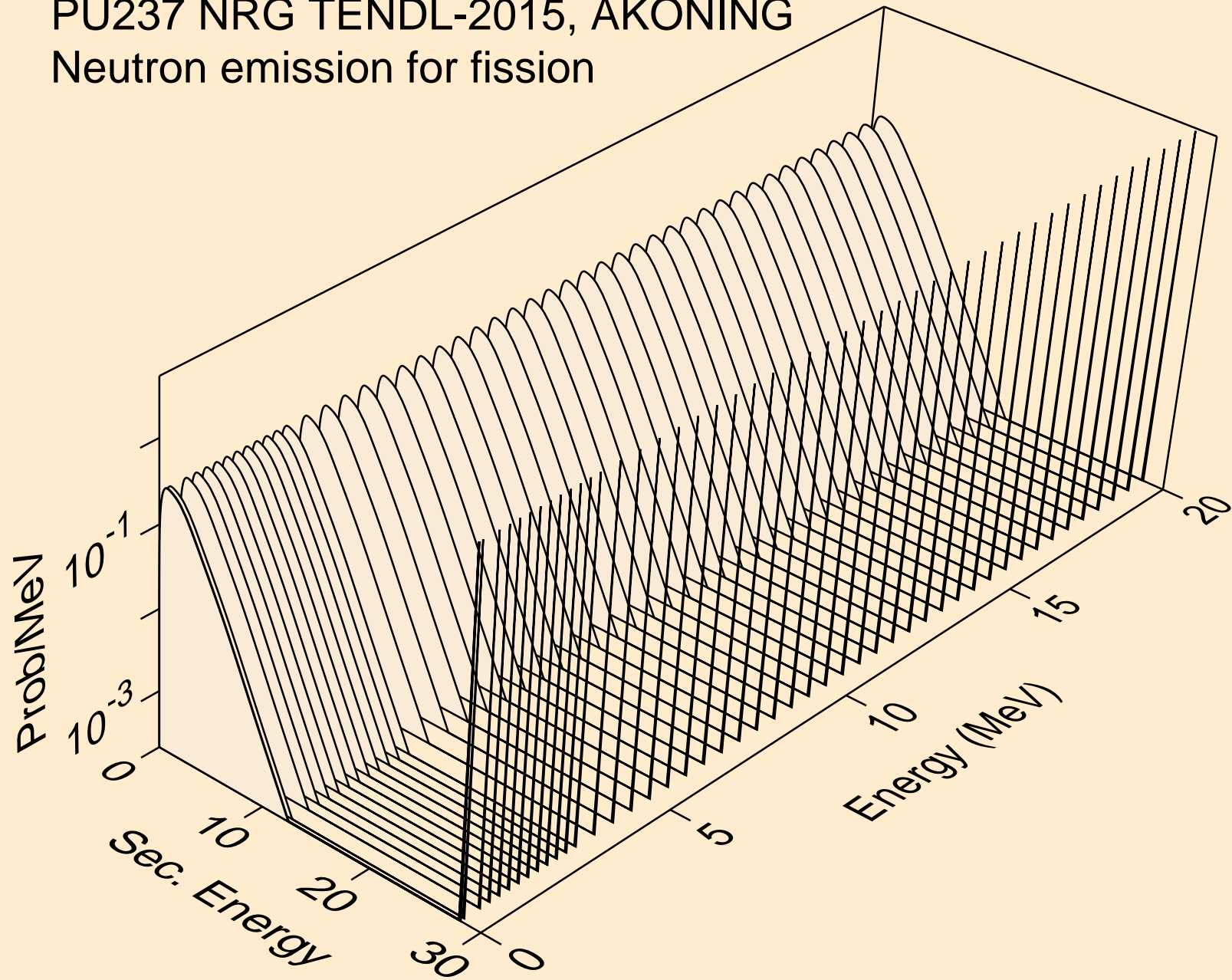
PU237 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



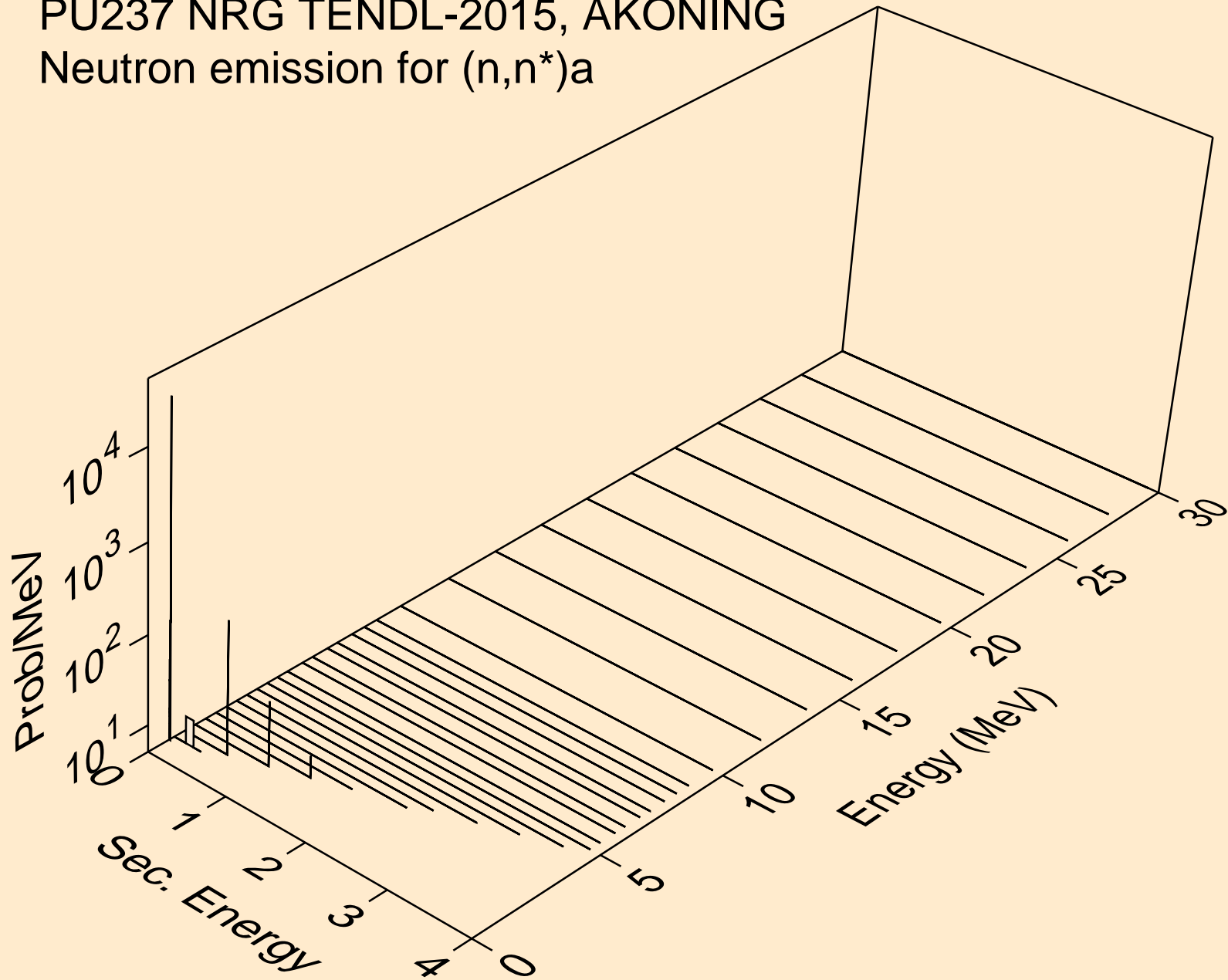
PU237 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



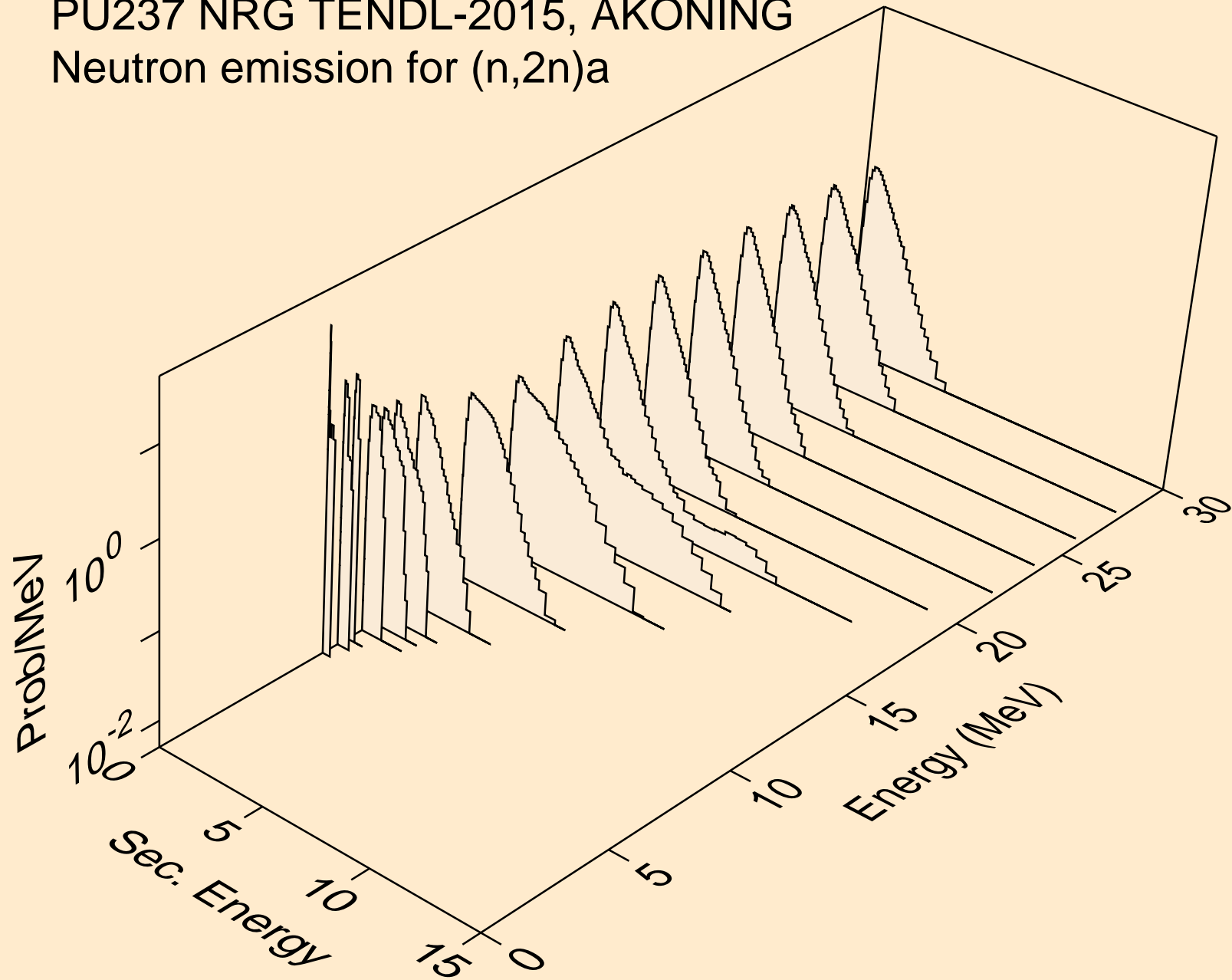
PU237 NRG TENDL-2015, AKONING  
Neutron emission for fission



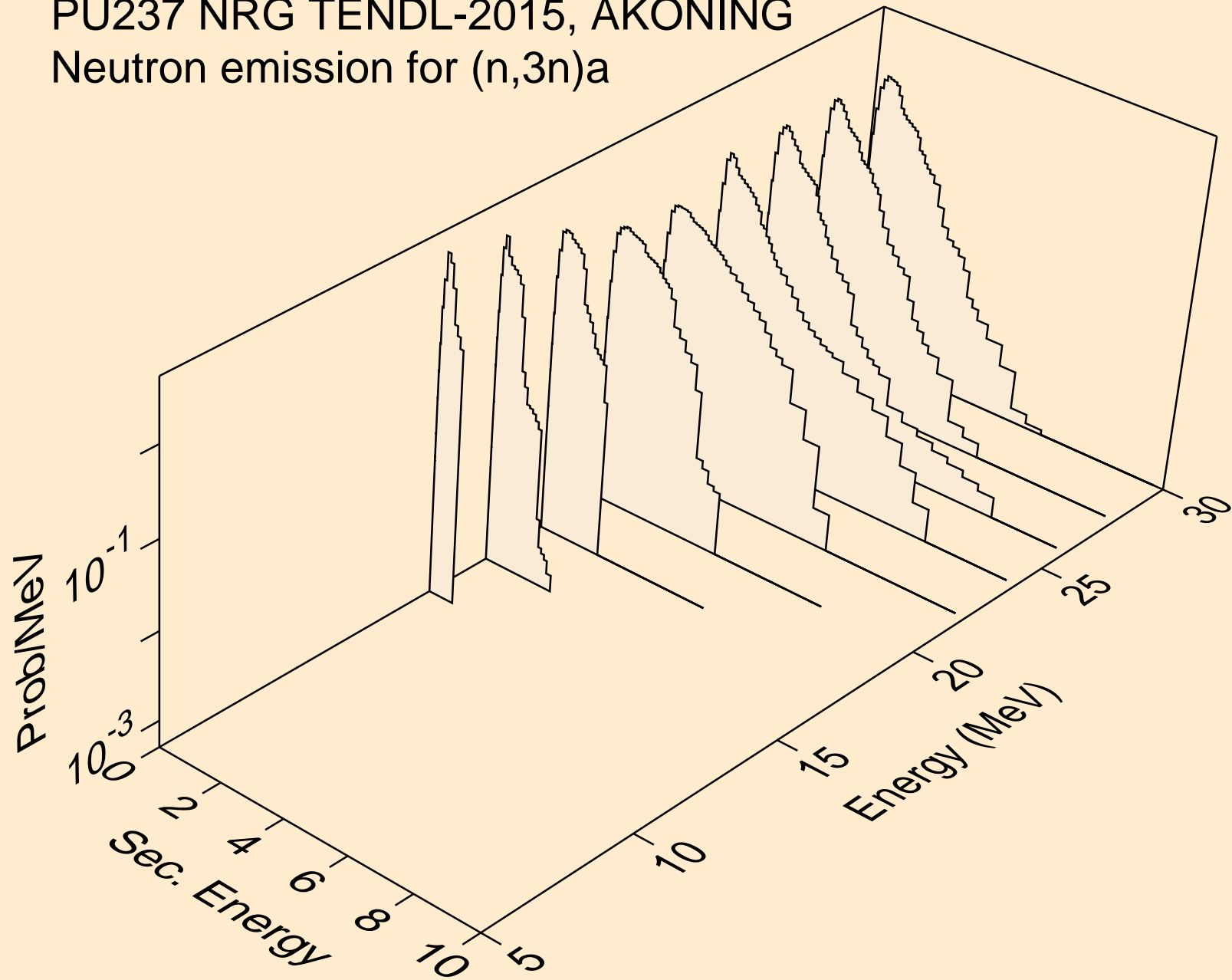
PU237 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



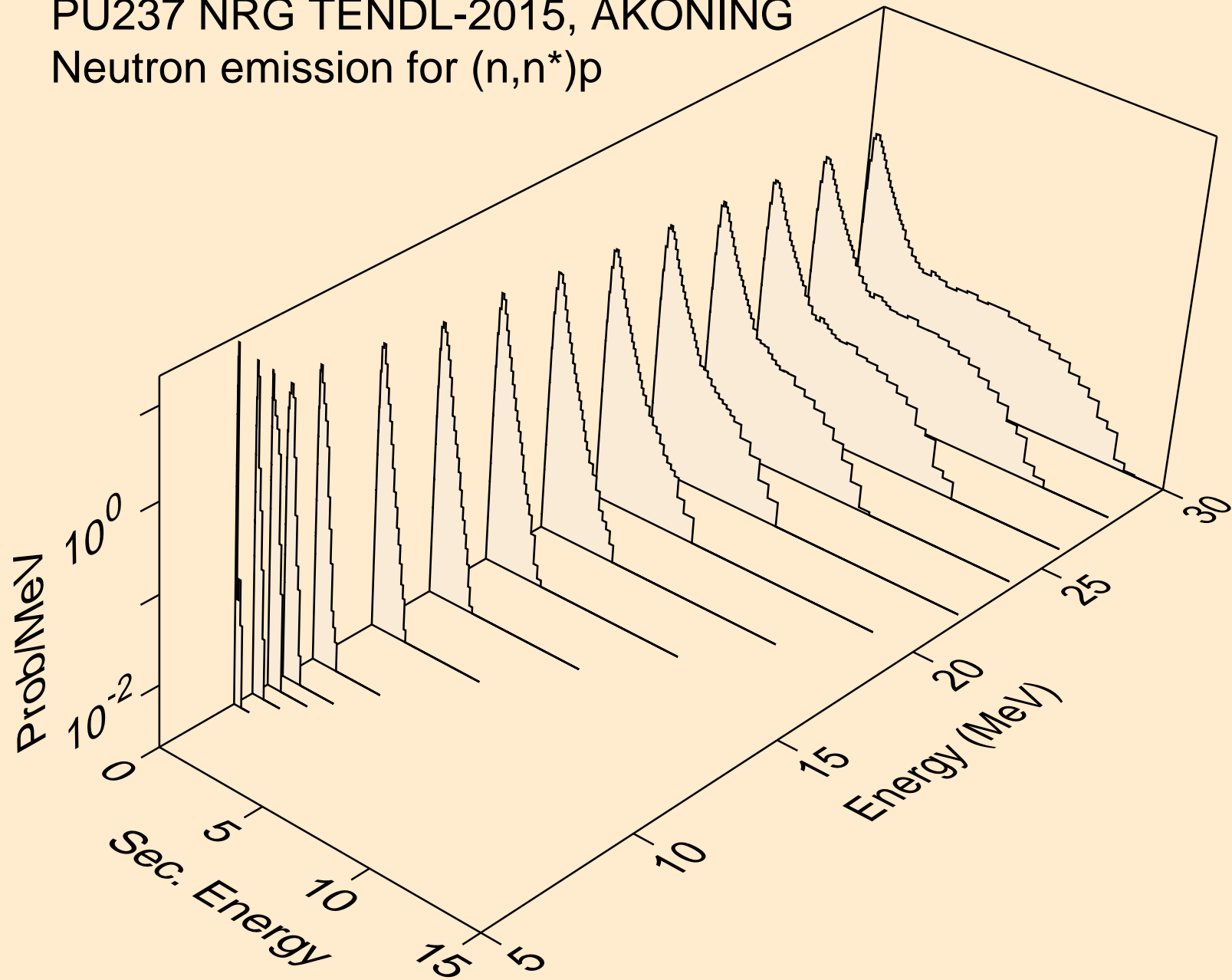
PU237 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



PU237 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

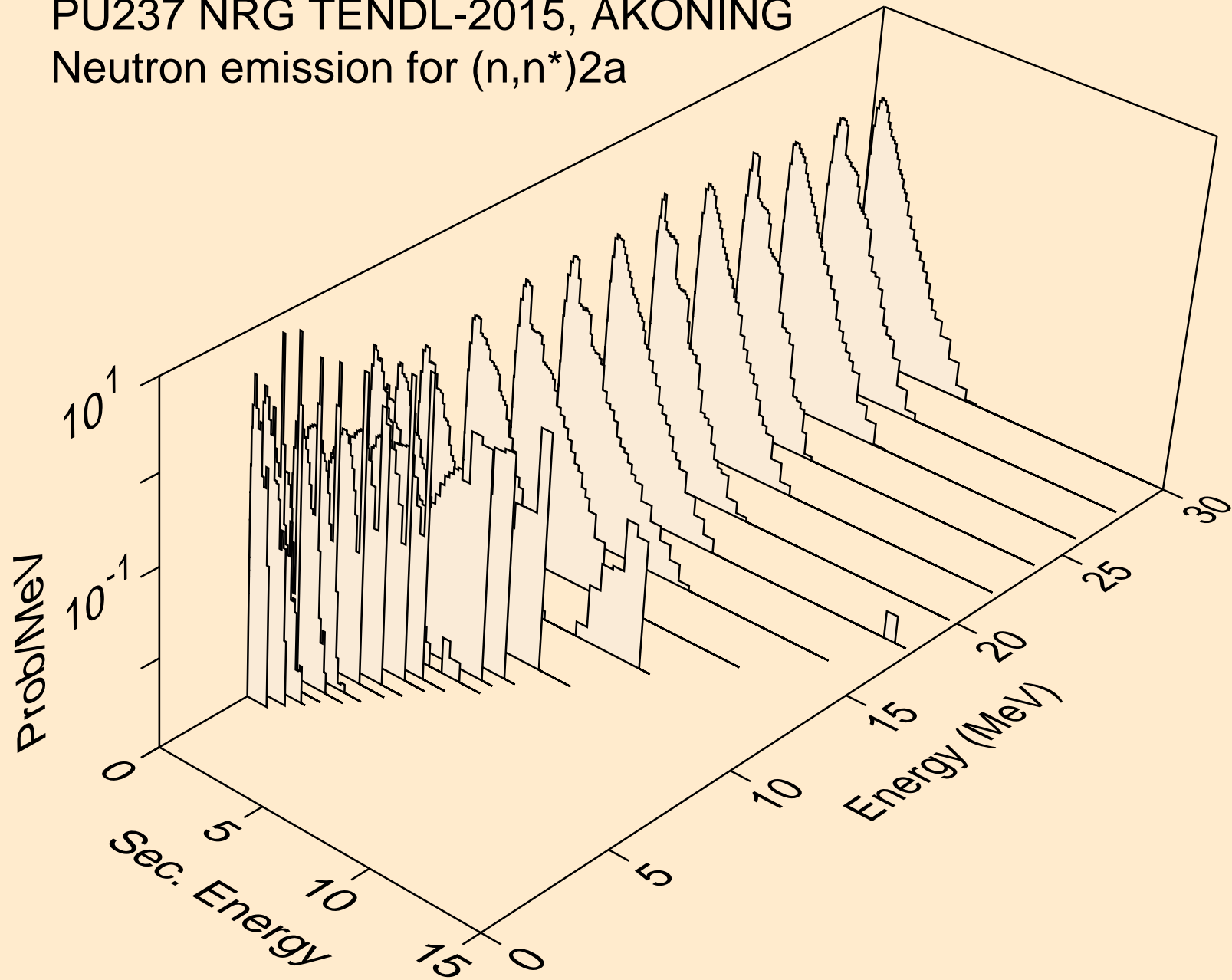


PU237 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

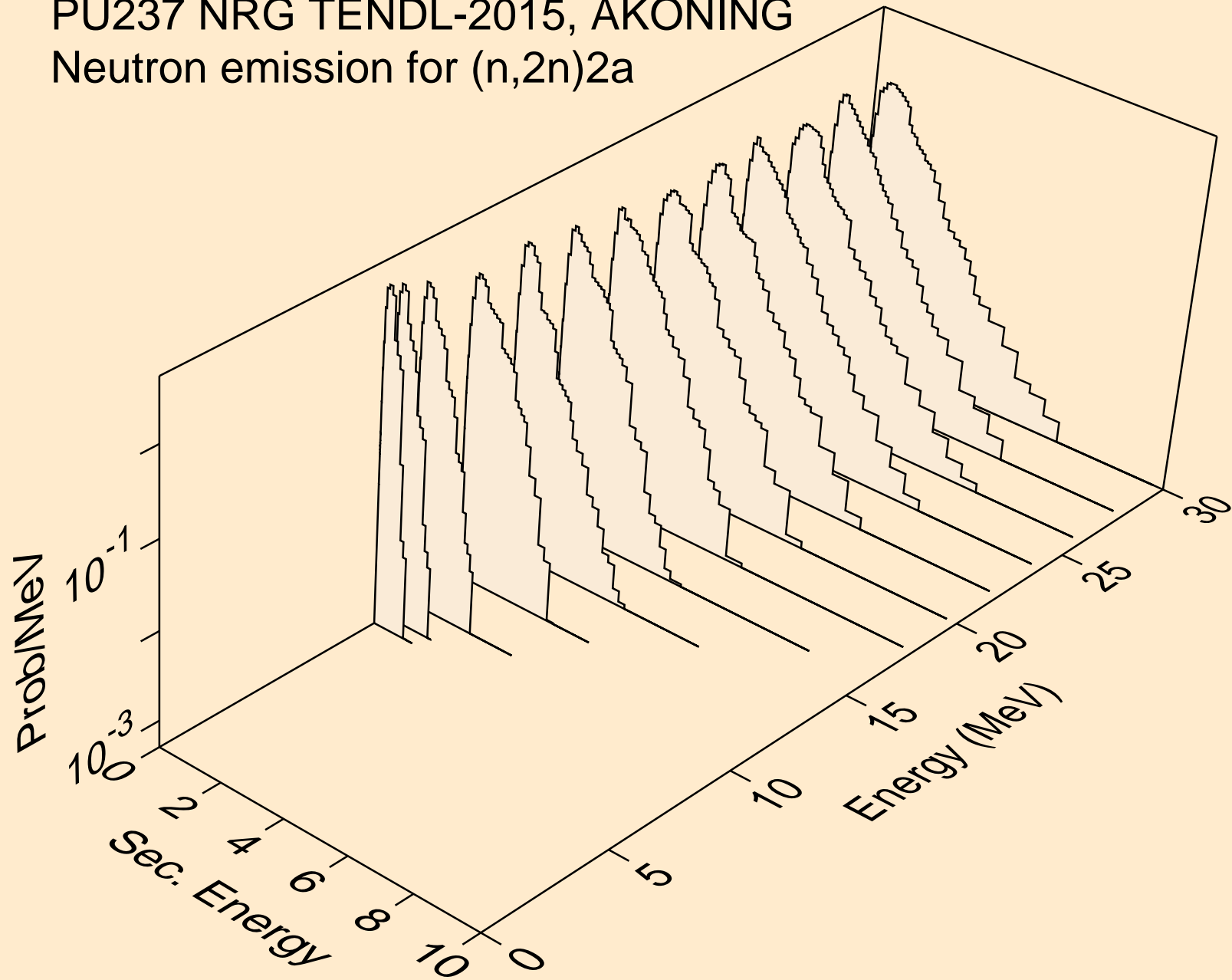




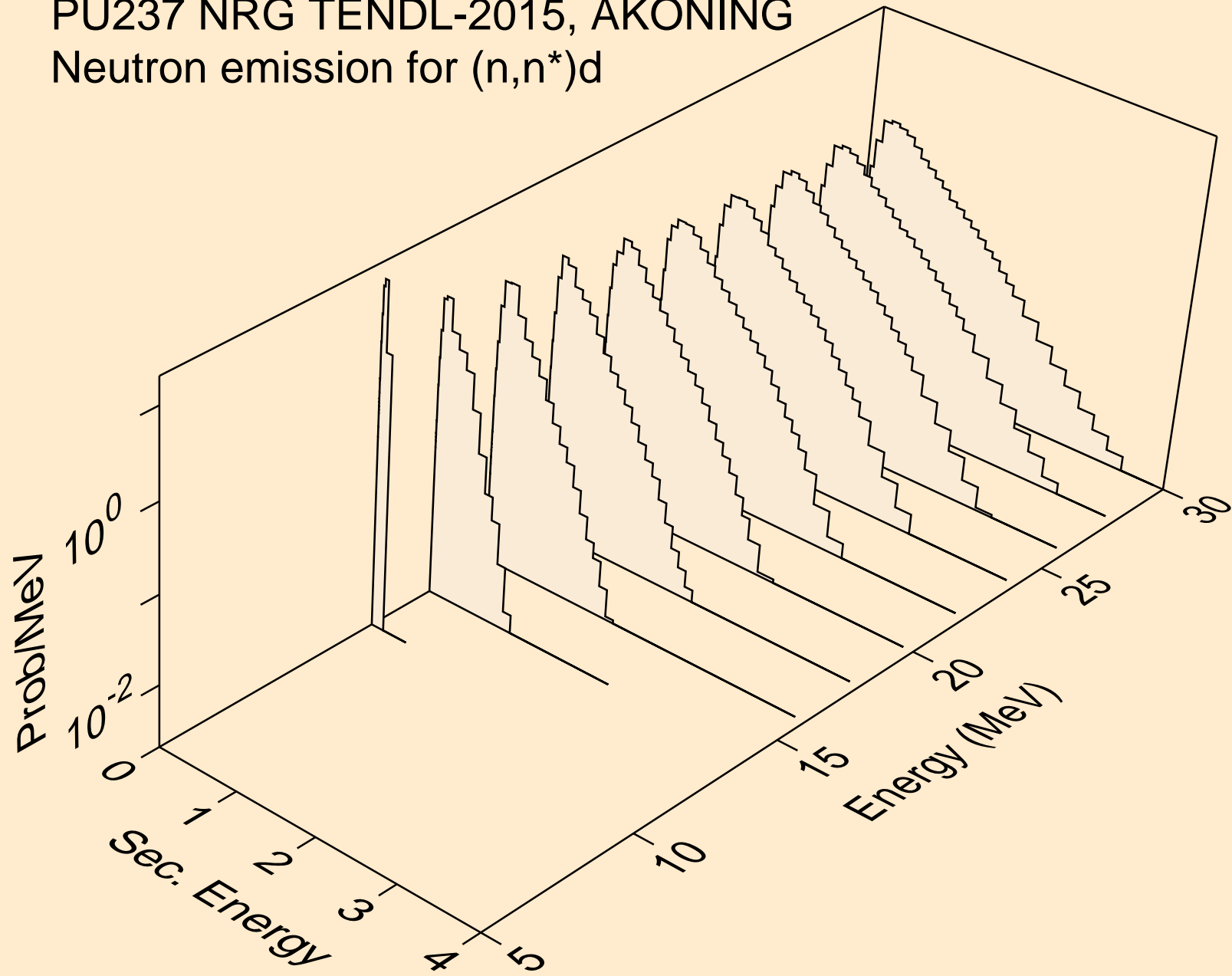
PU237 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



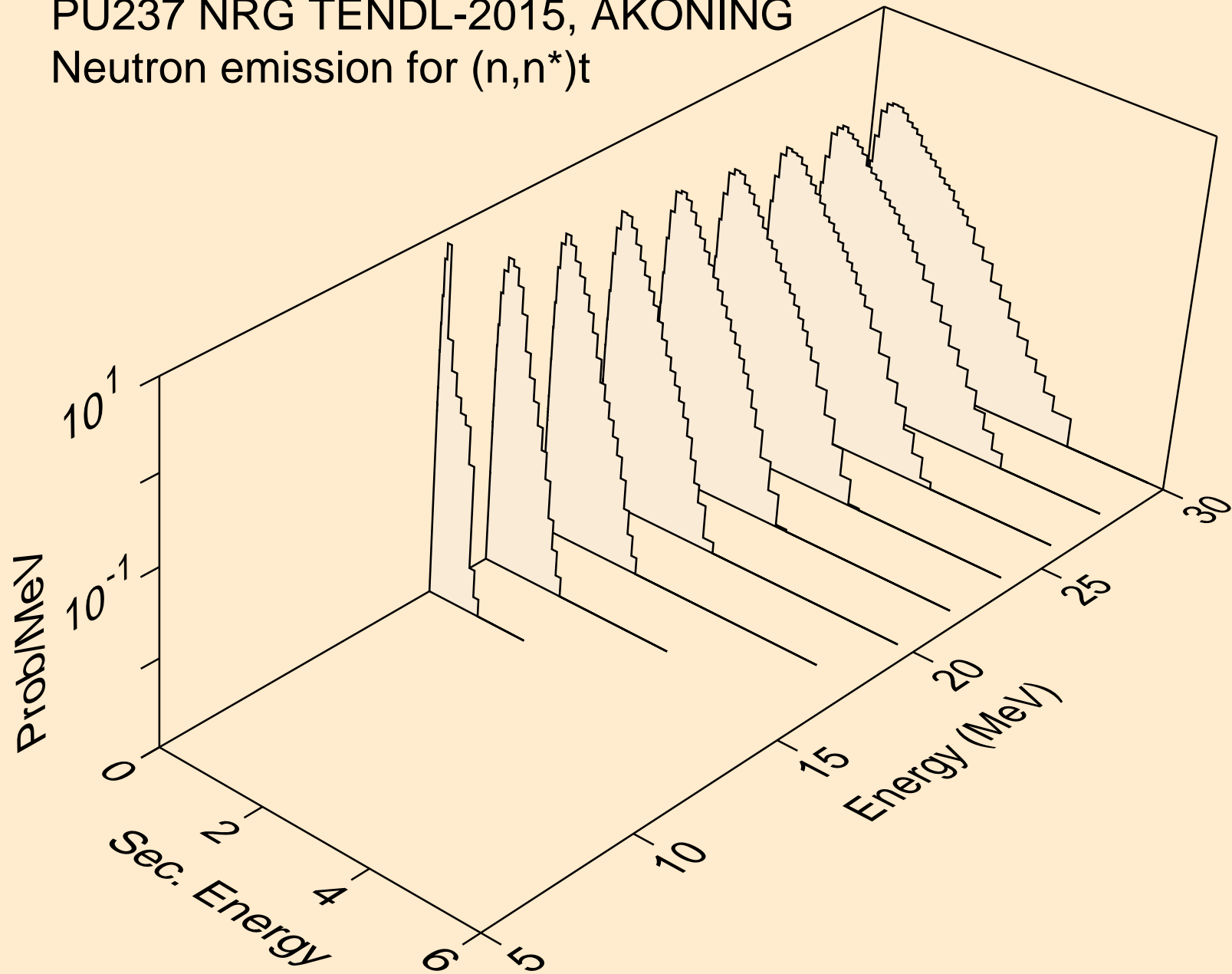
PU237 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



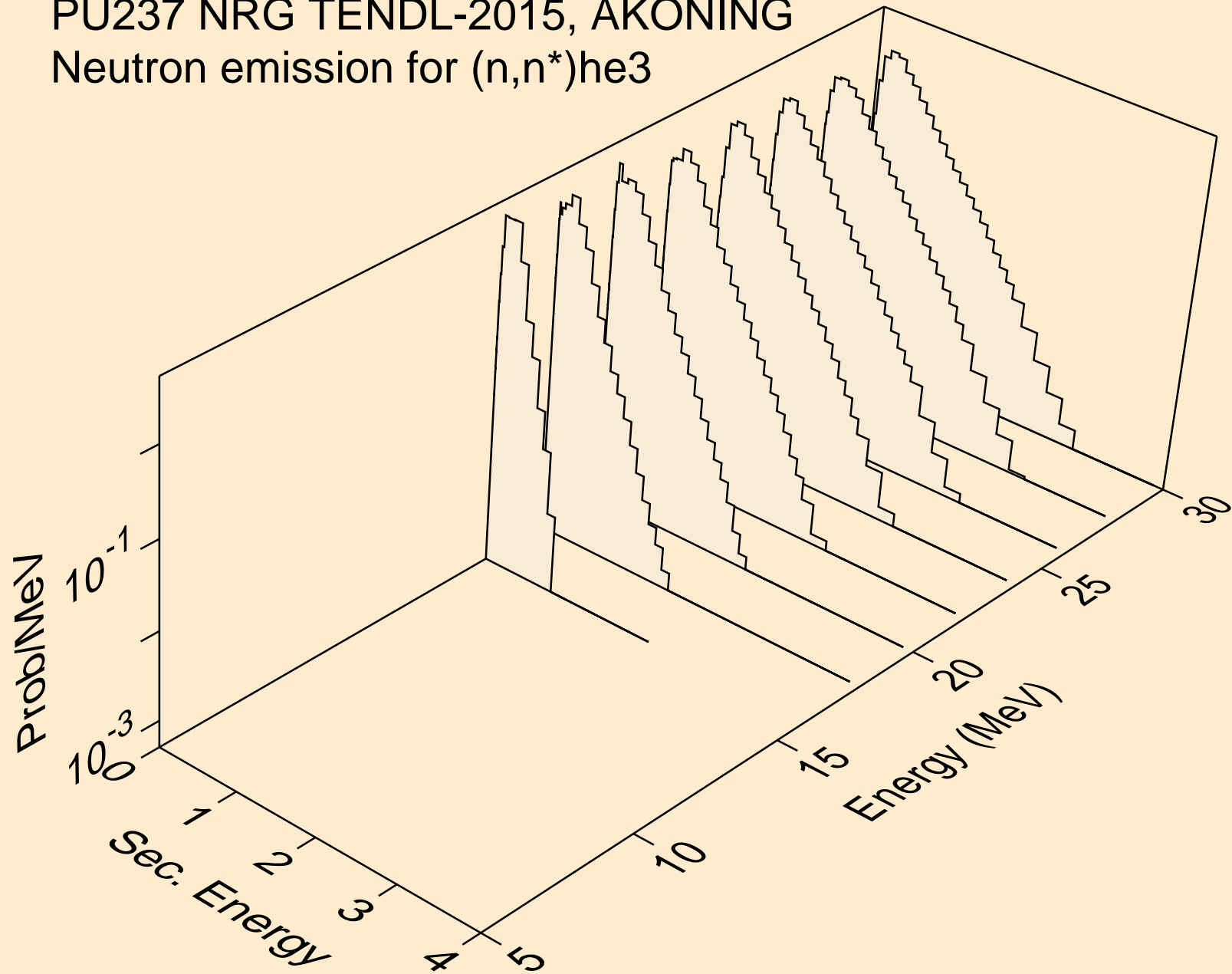
PU237 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



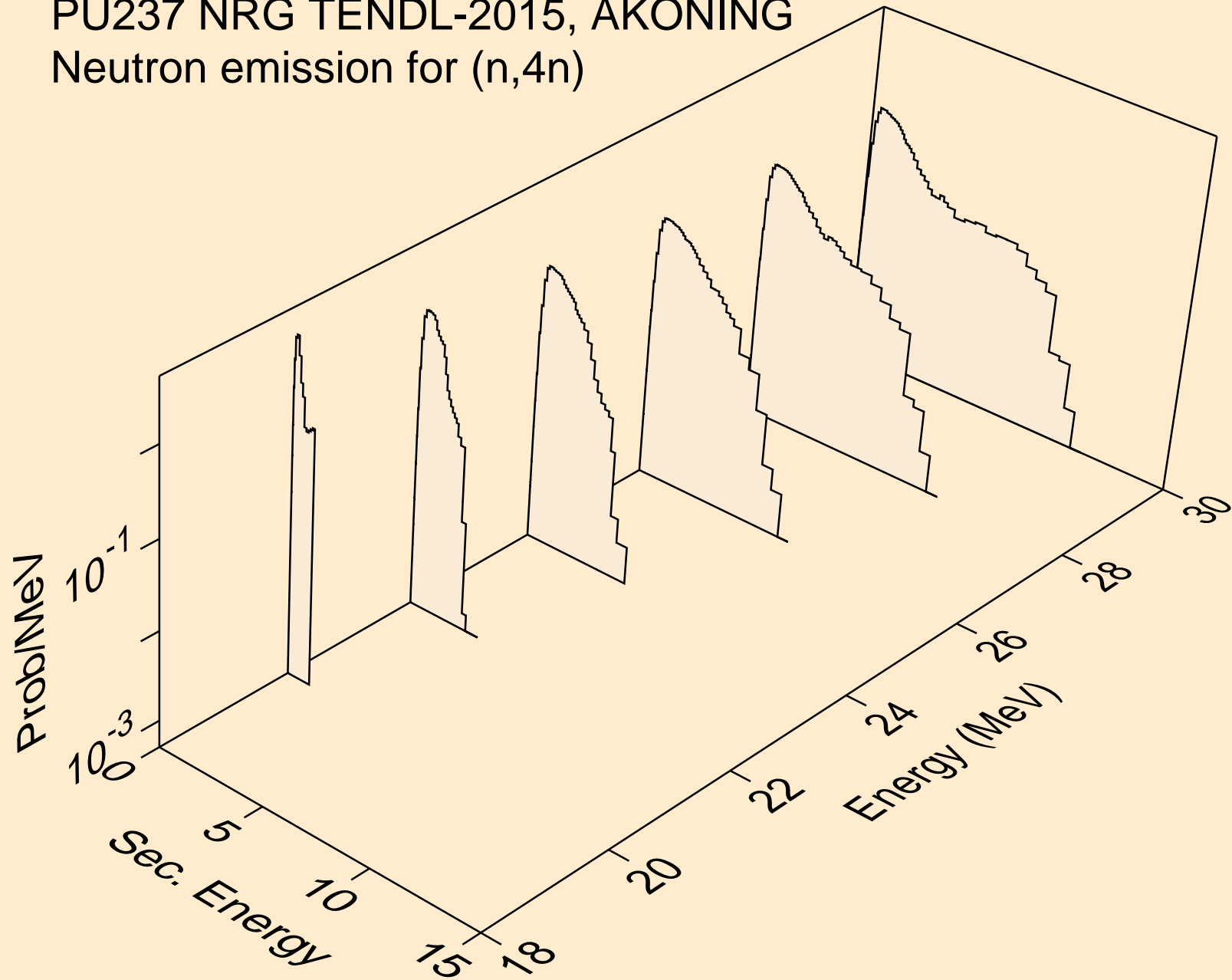
PU237 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



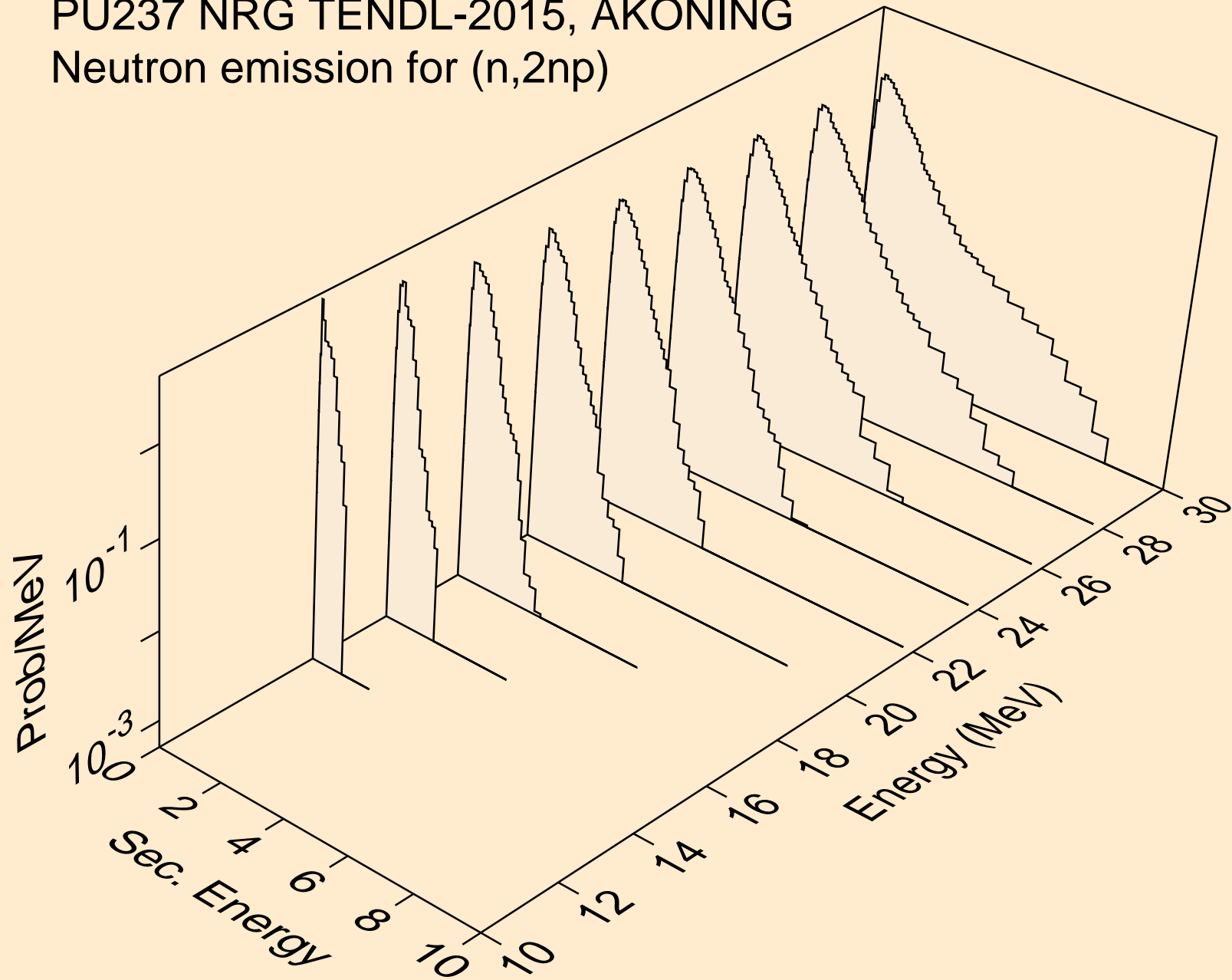
PU237 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



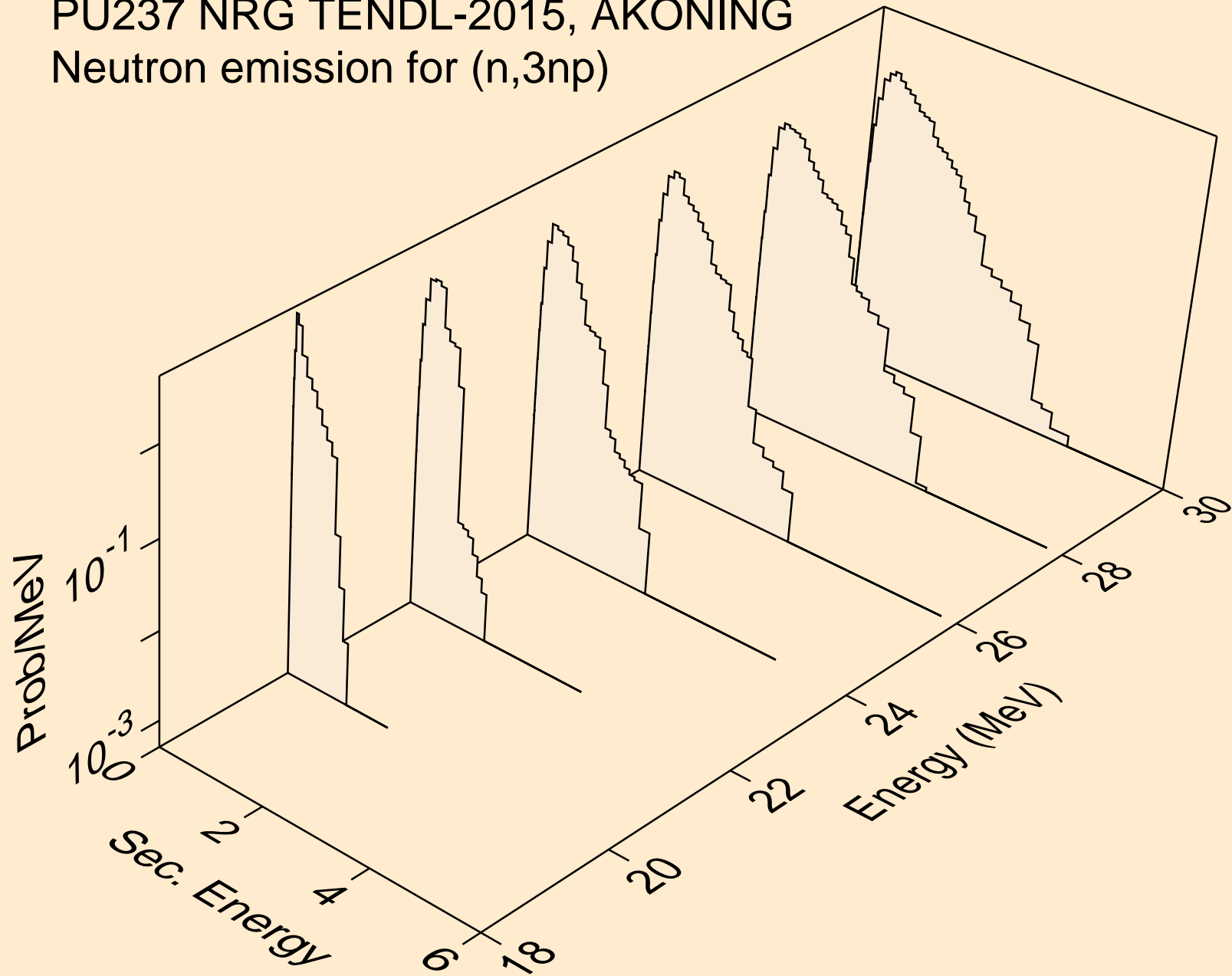
PU237 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



PU237 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

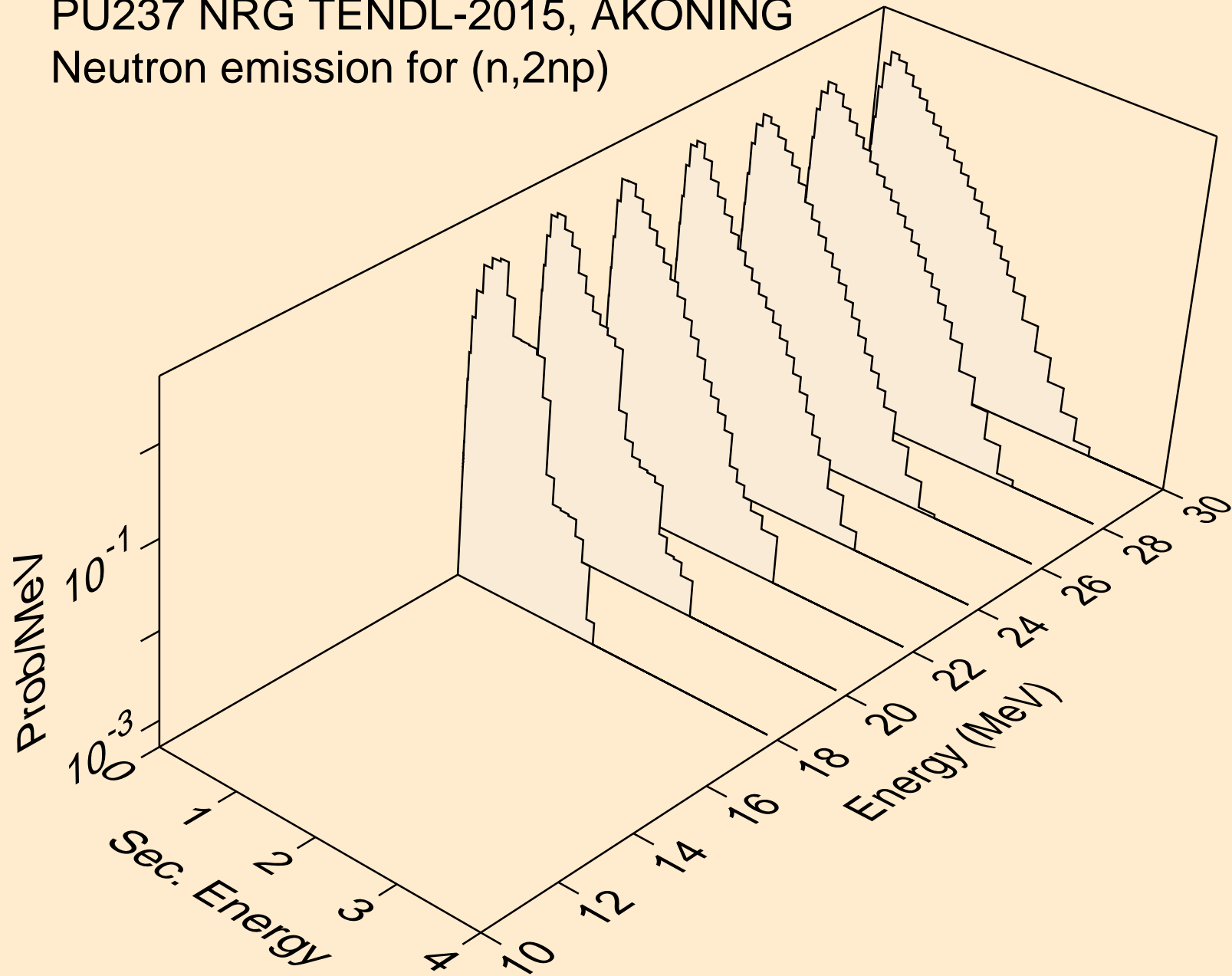


PU237 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

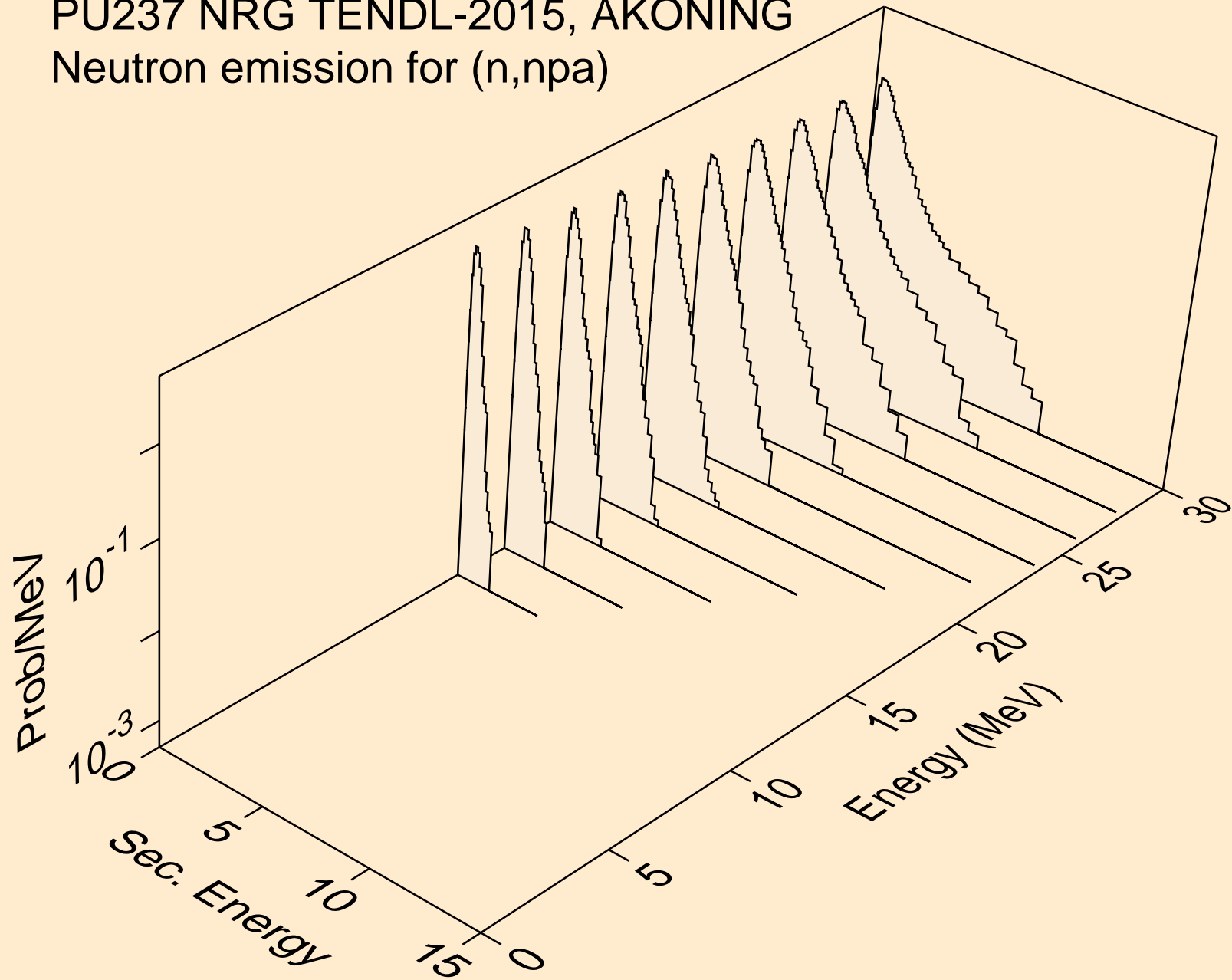




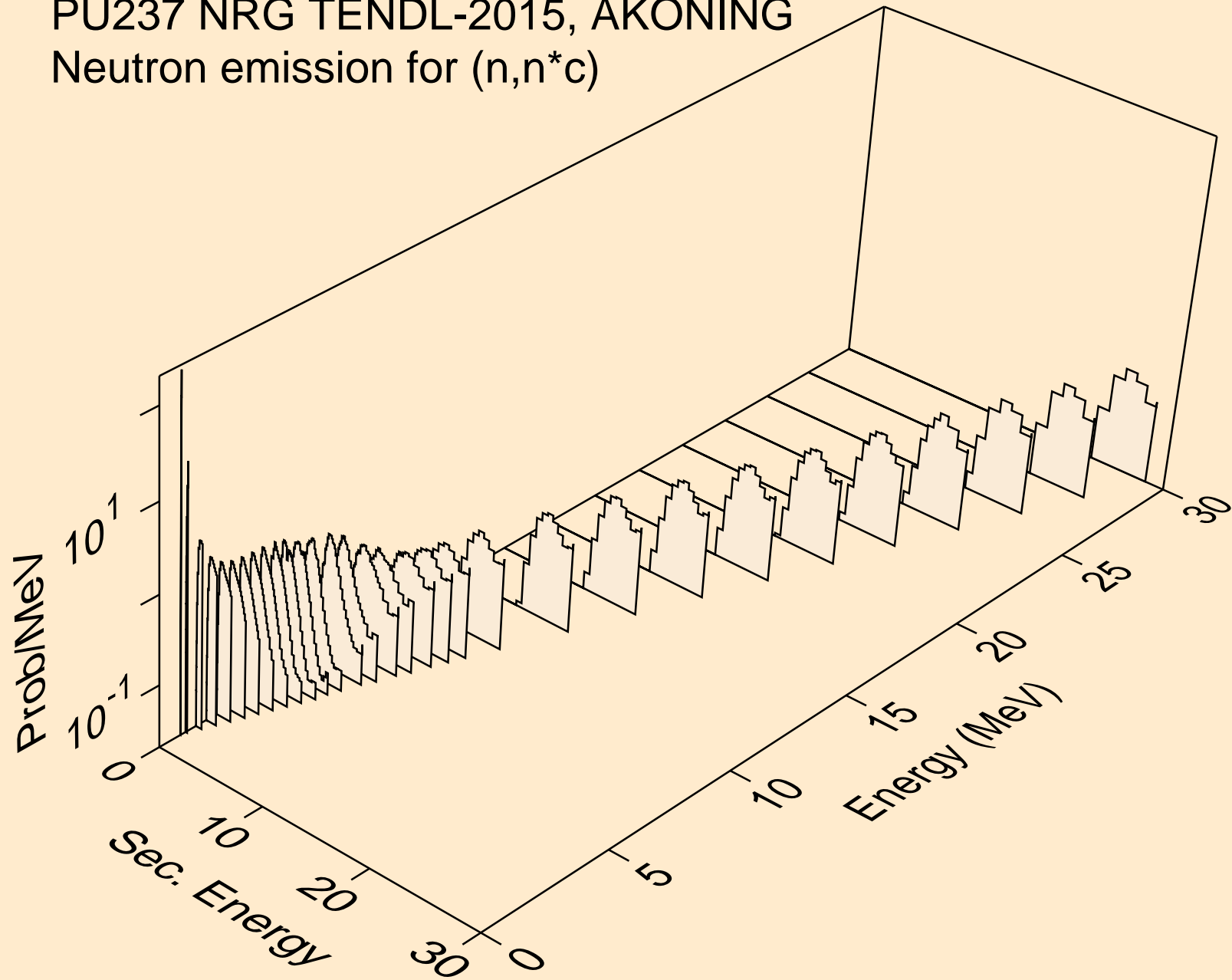
PU237 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



PU237 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

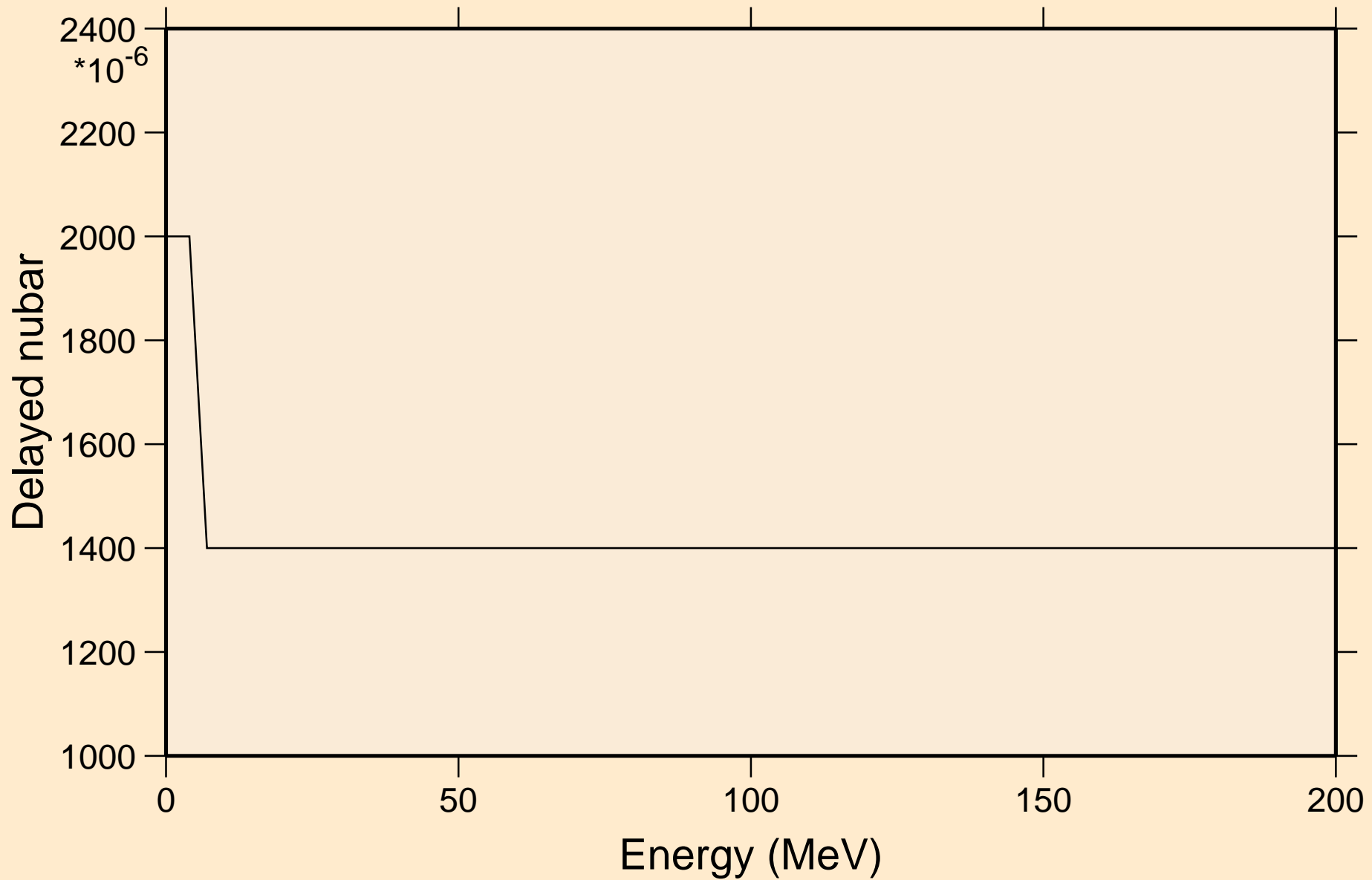


PU237 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



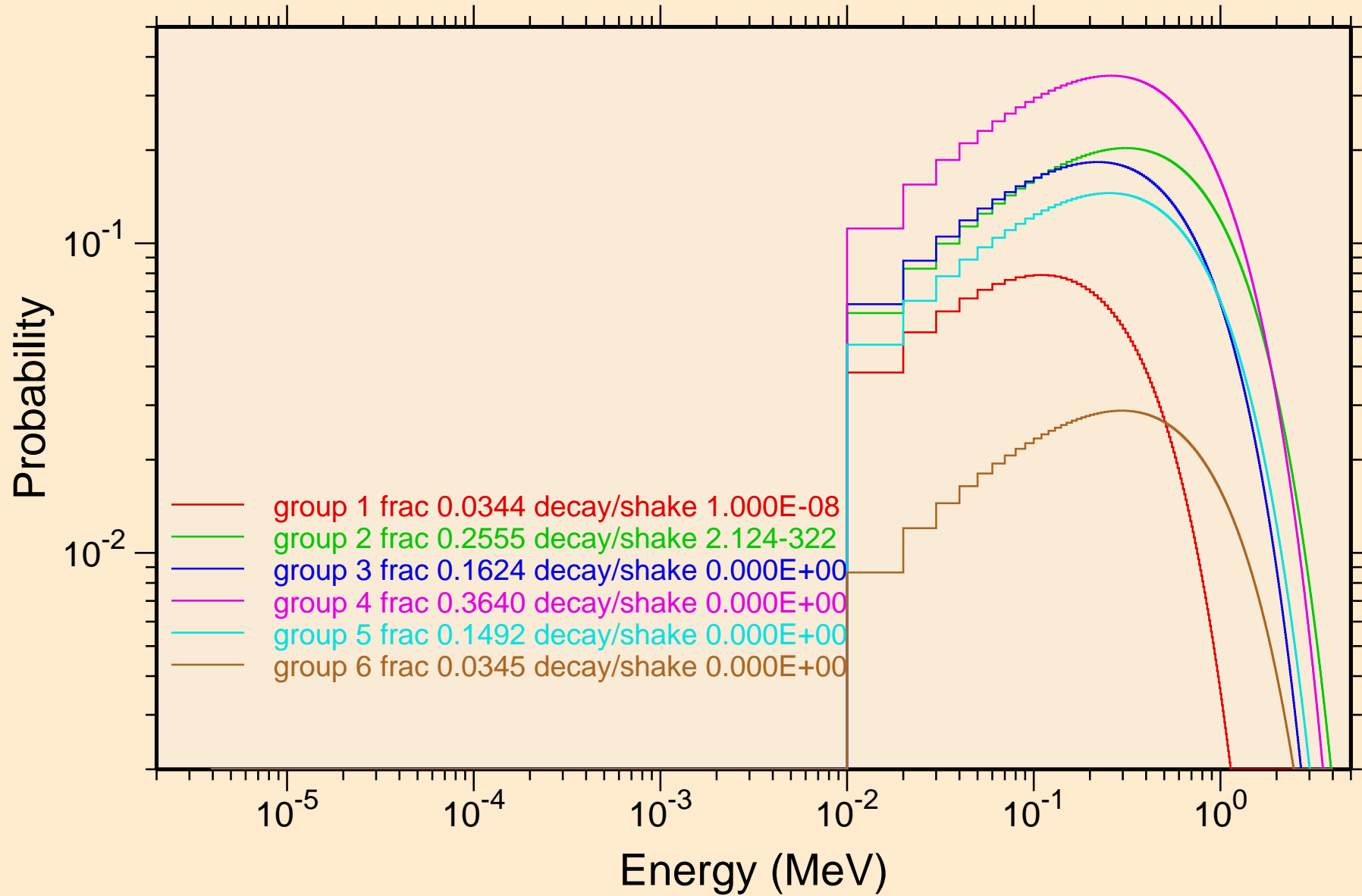
# PU237 NRG TENDL-2015, AKONING

Delayed nubar

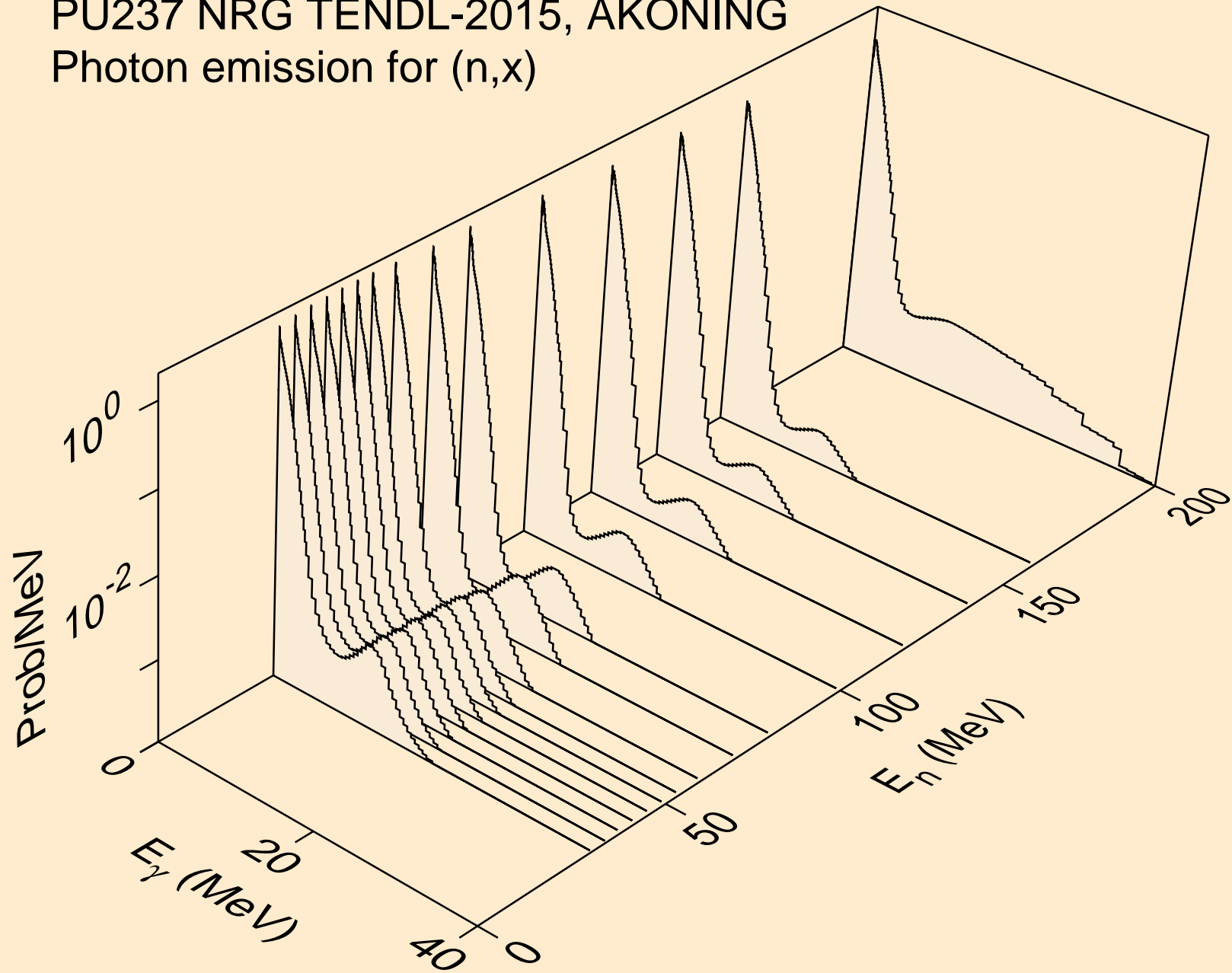


# PU237 NRG TENDL-2015, AKONING

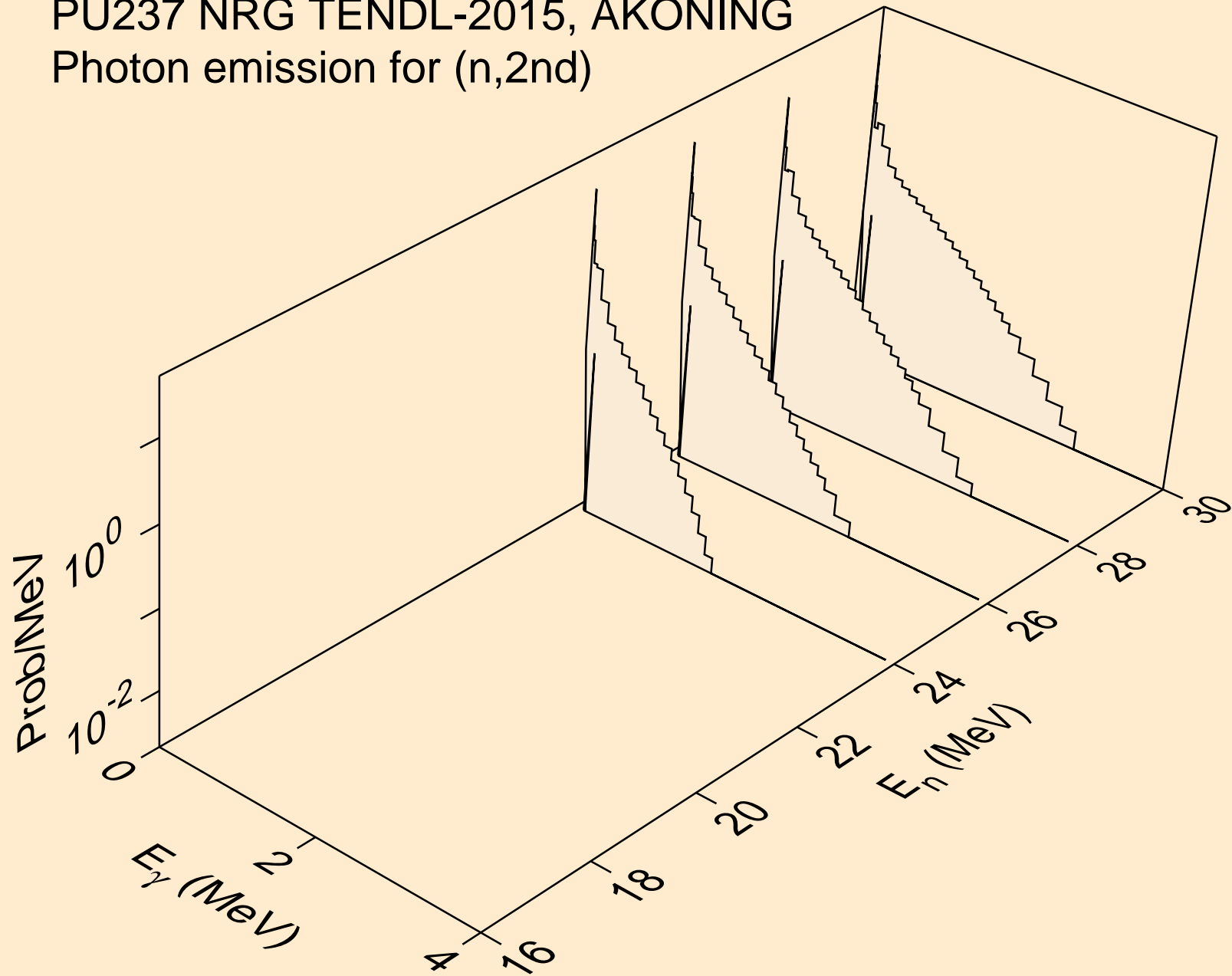
## Delayed neutron spectra



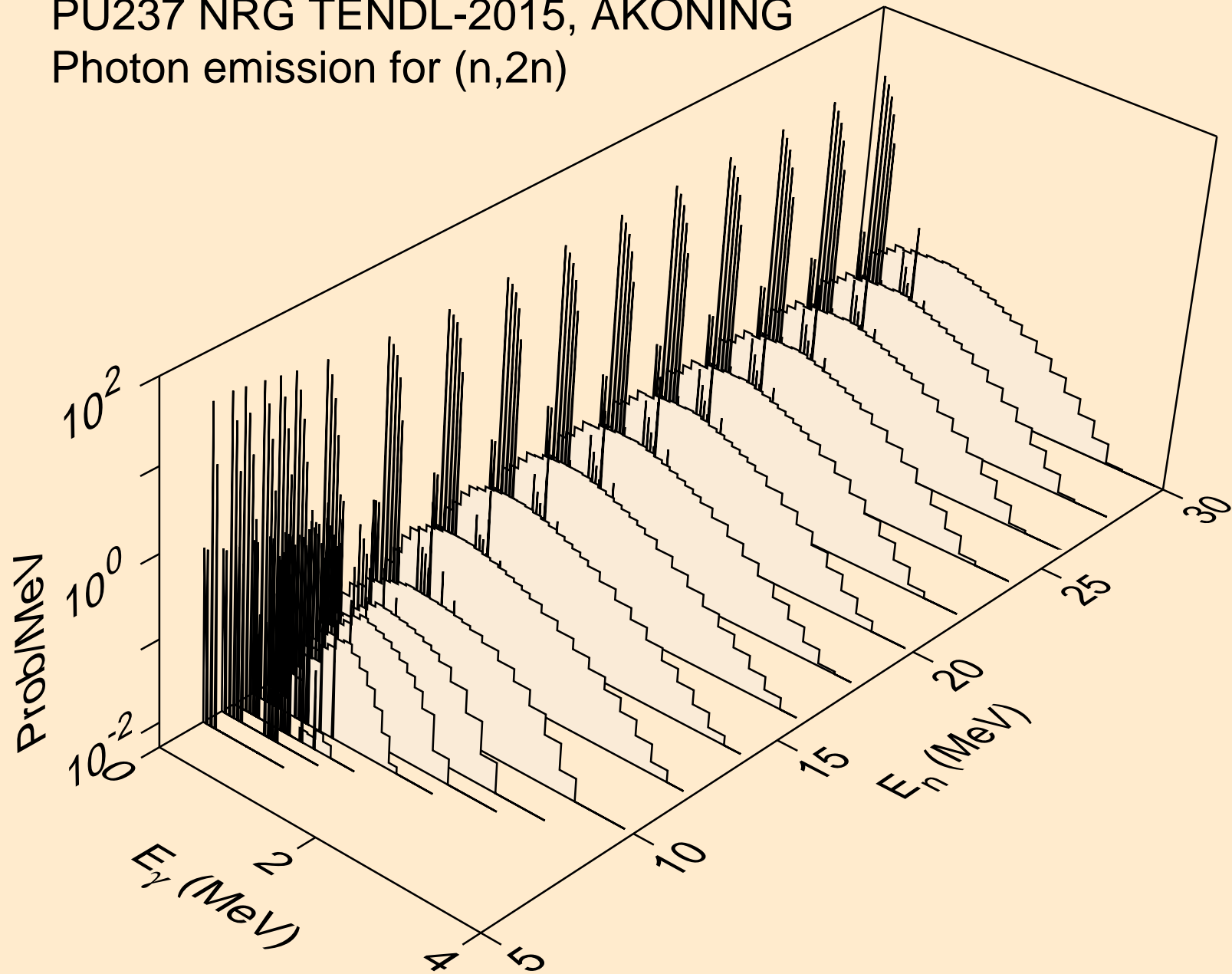
PU237 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



PU237 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)

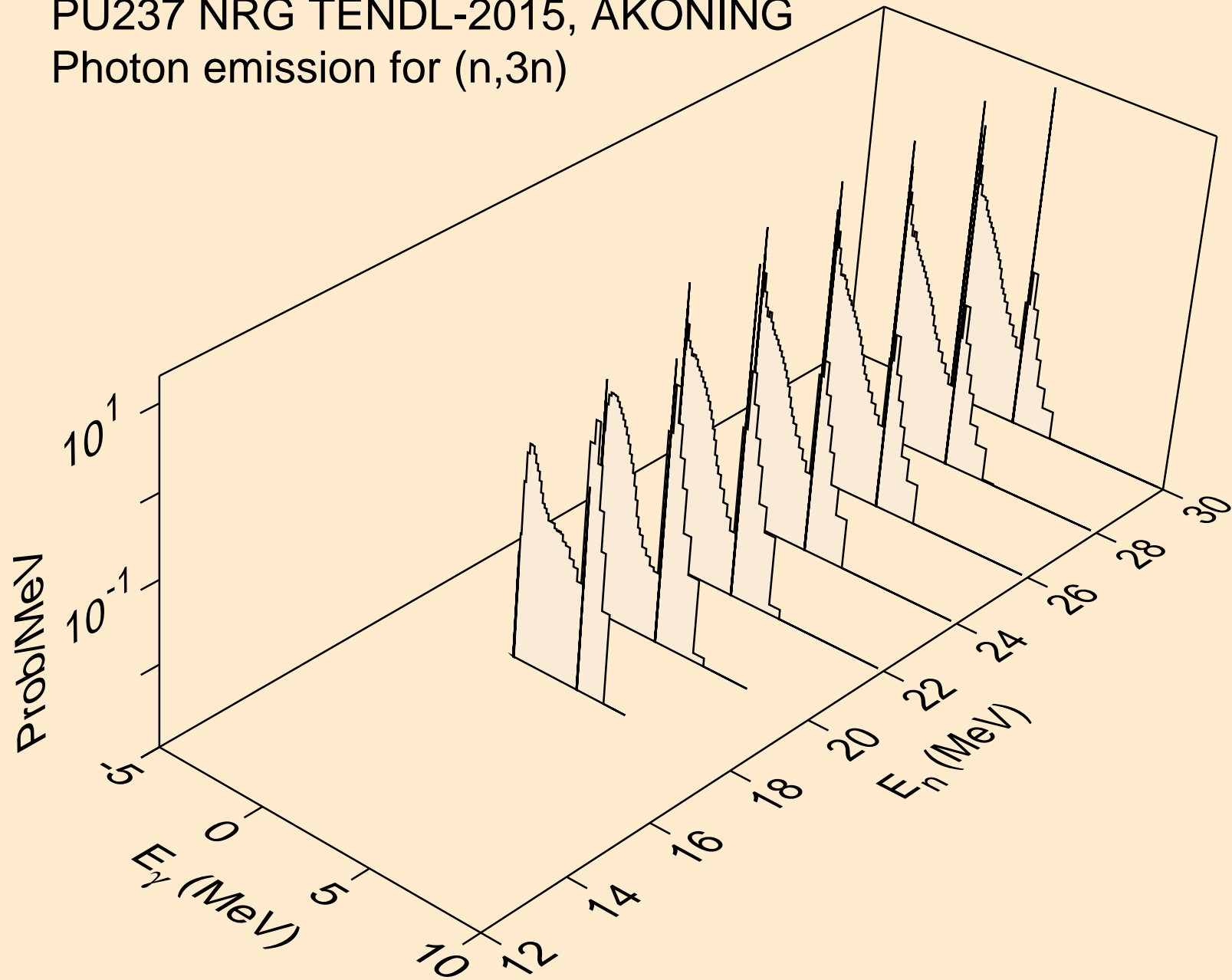


PU237 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)

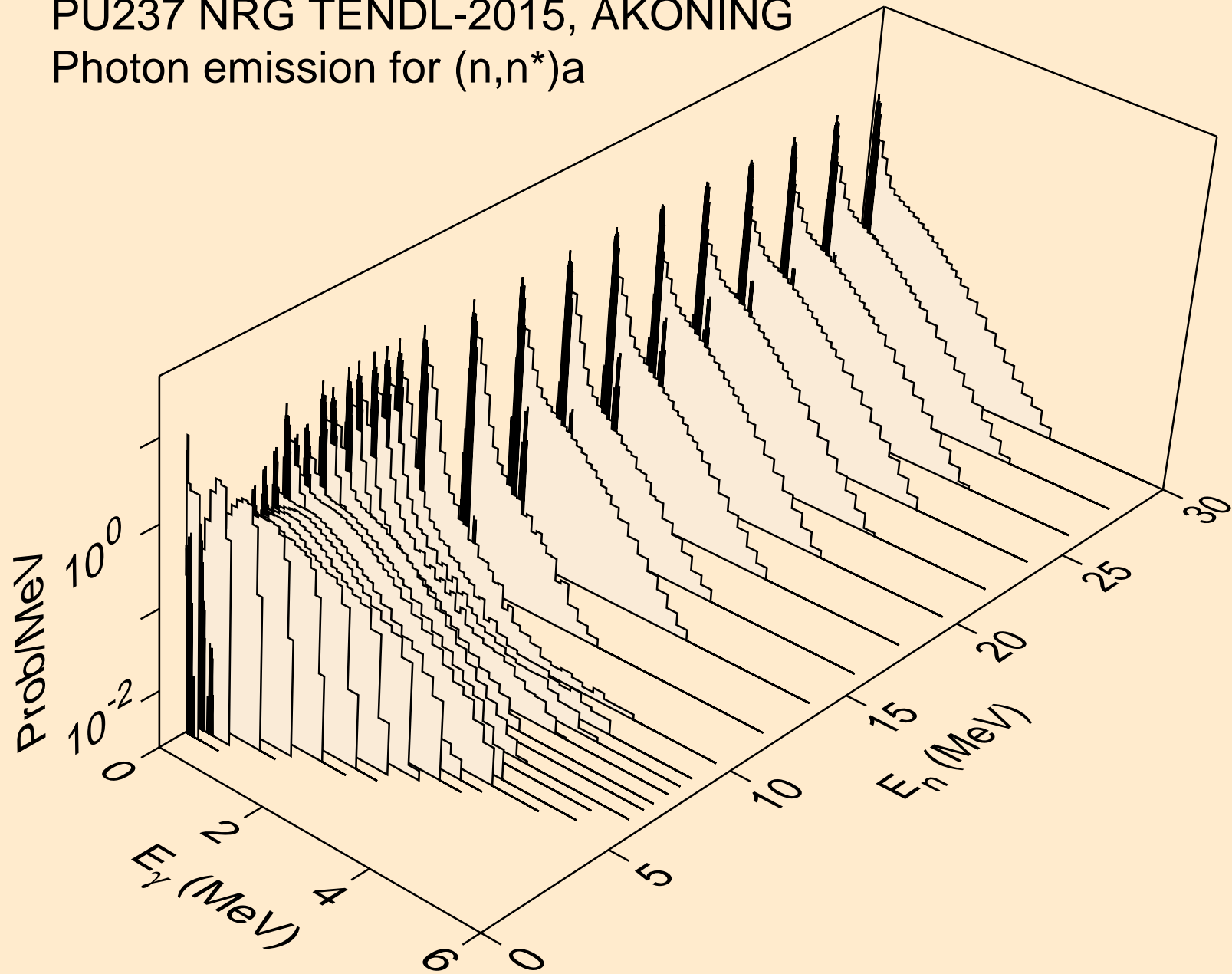




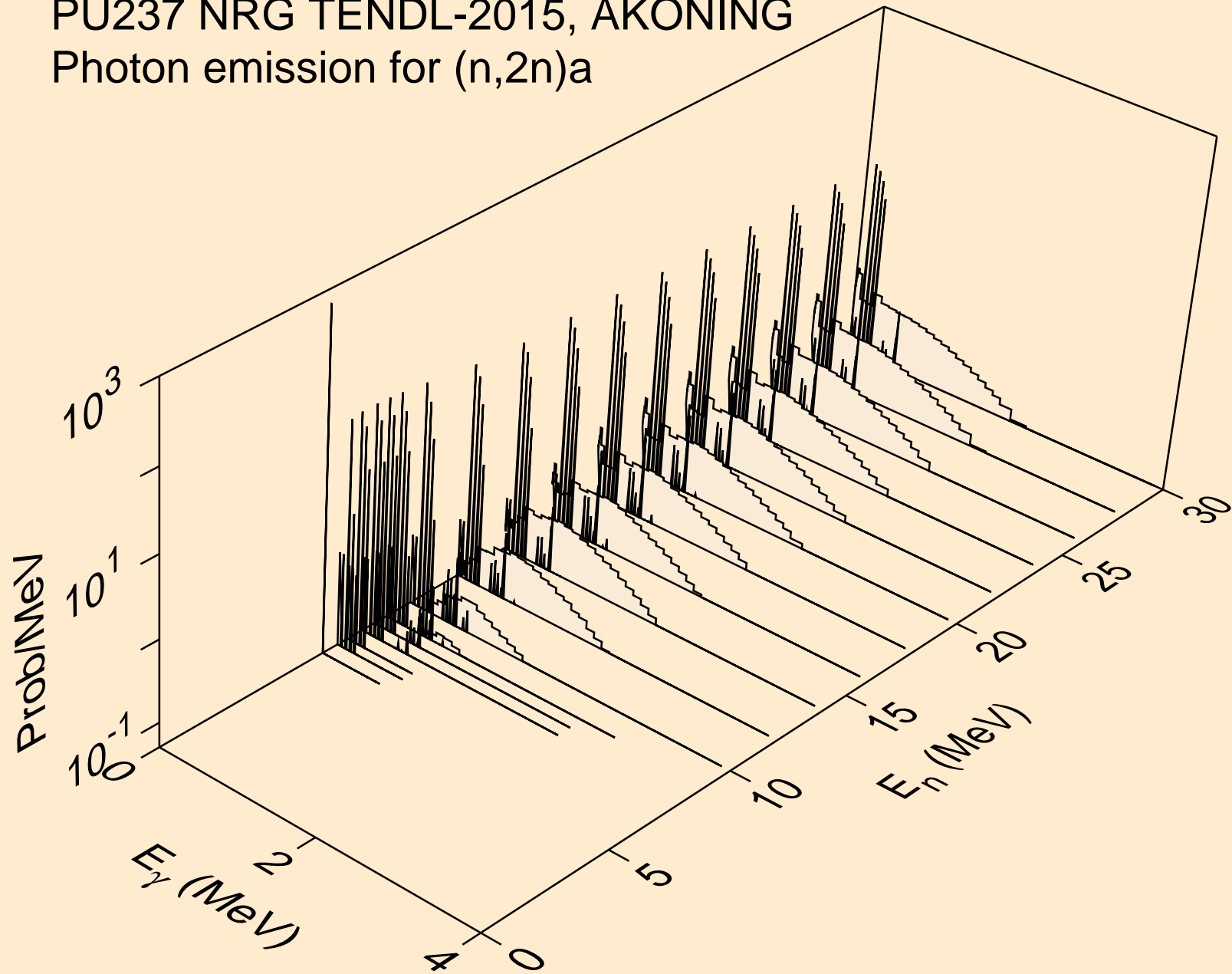
PU237 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



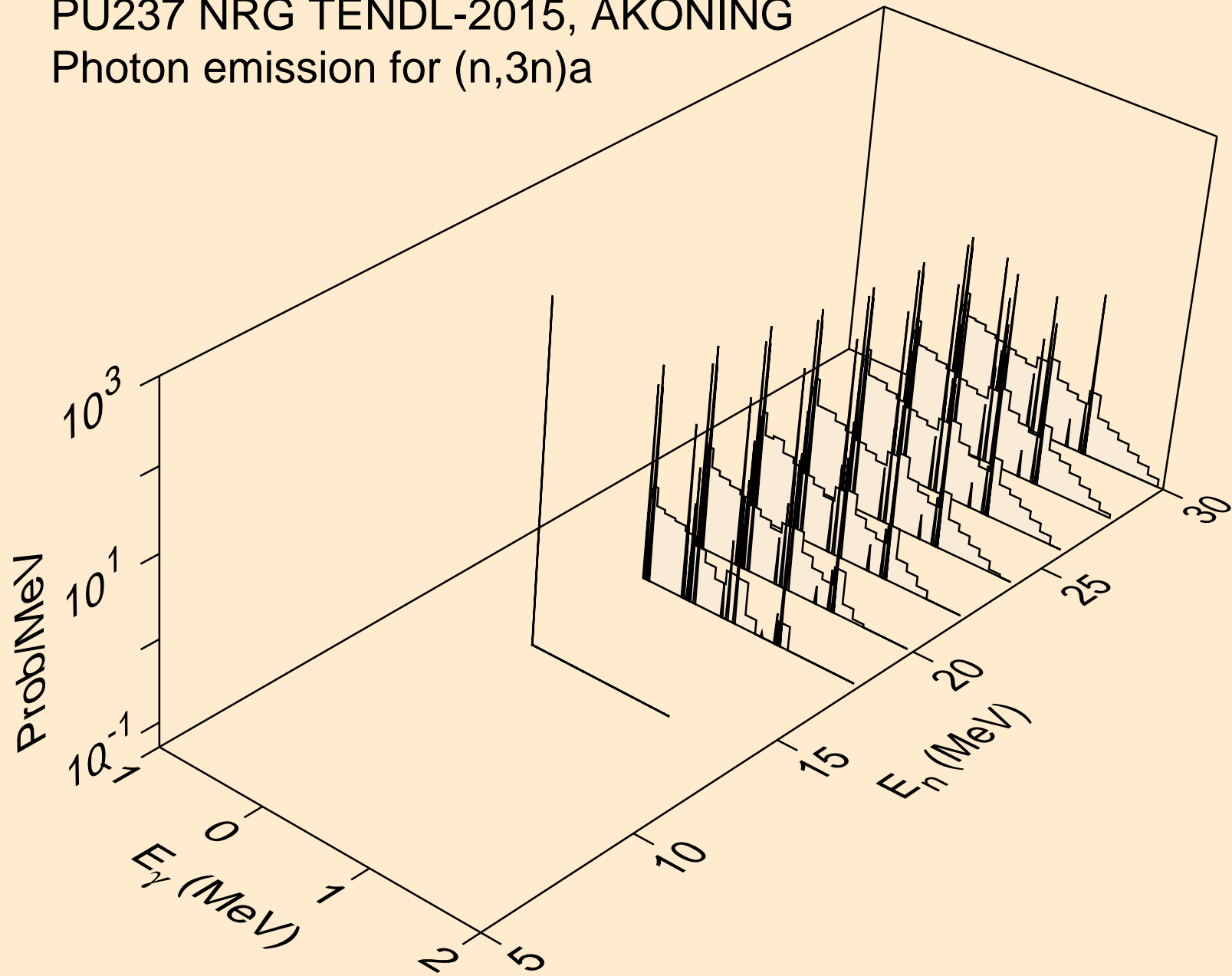
PU237 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



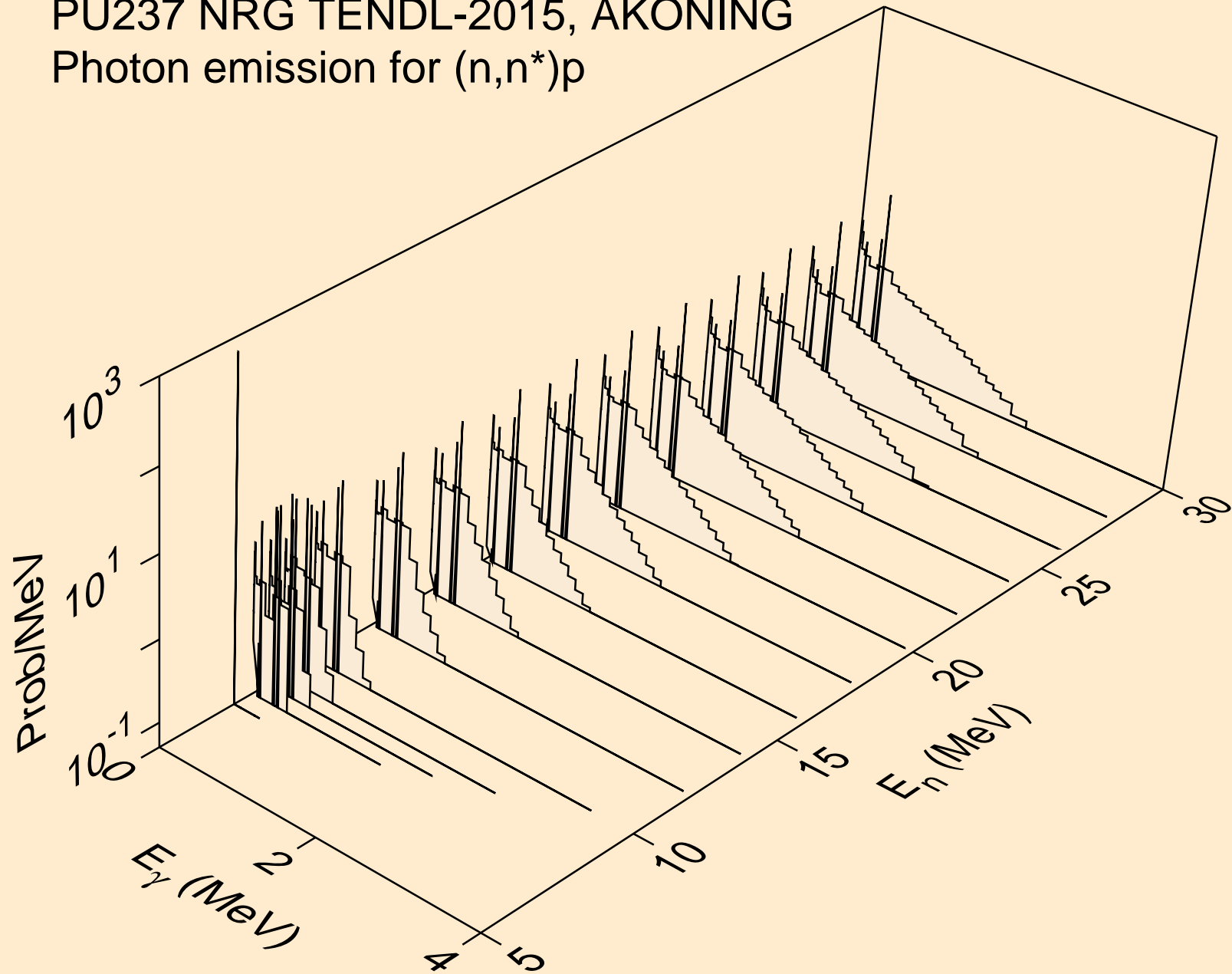
PU237 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



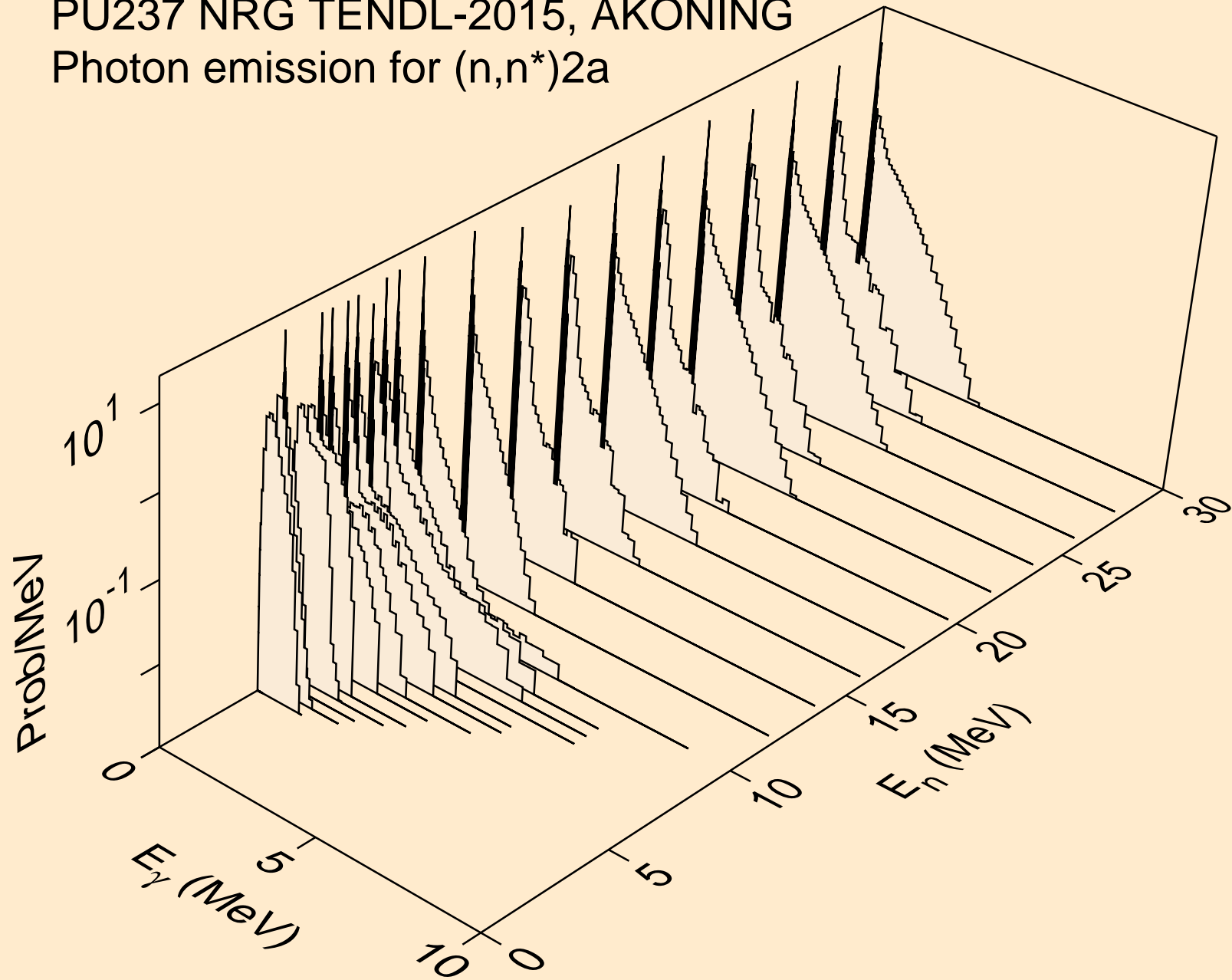
PU237 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



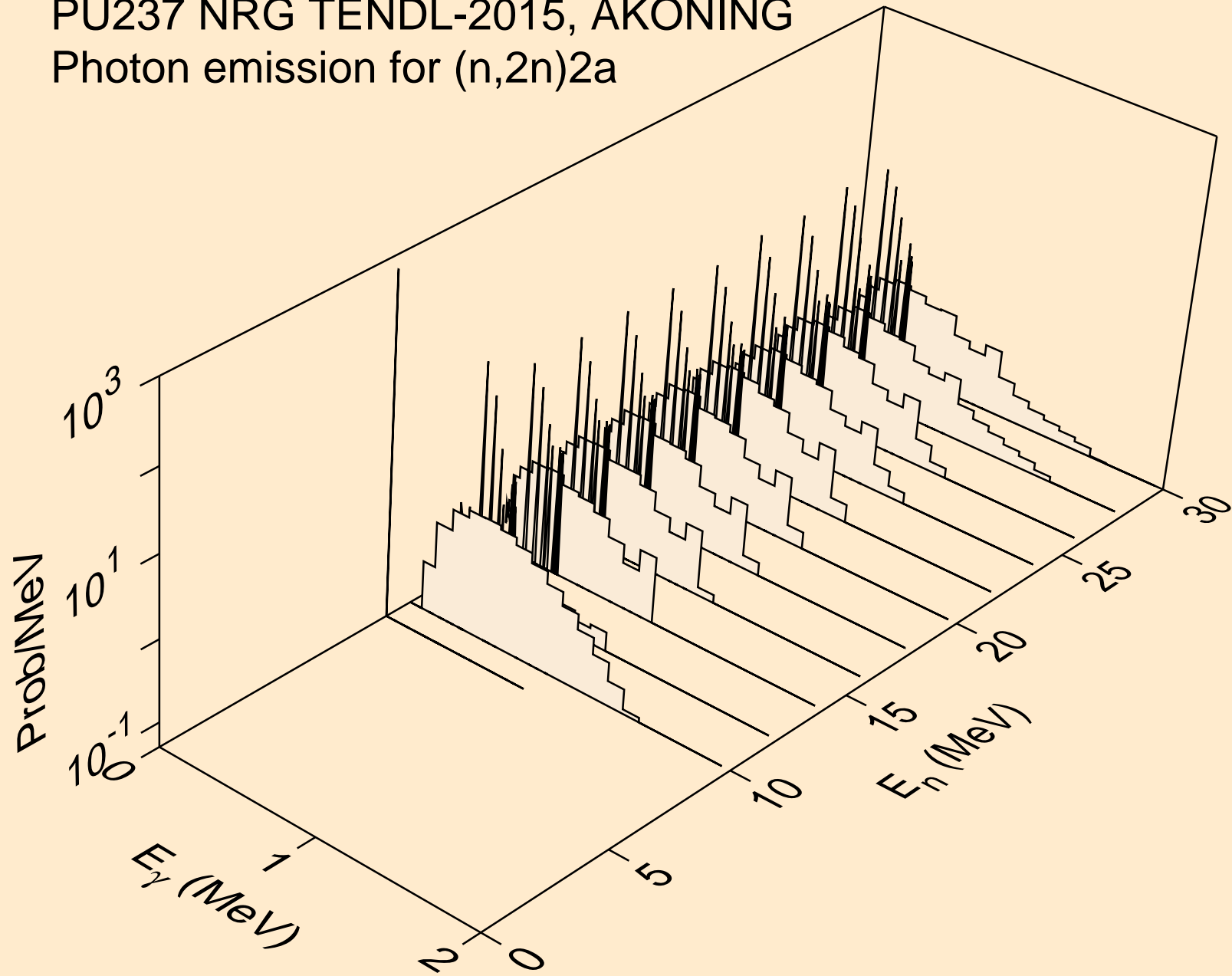
PU237 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



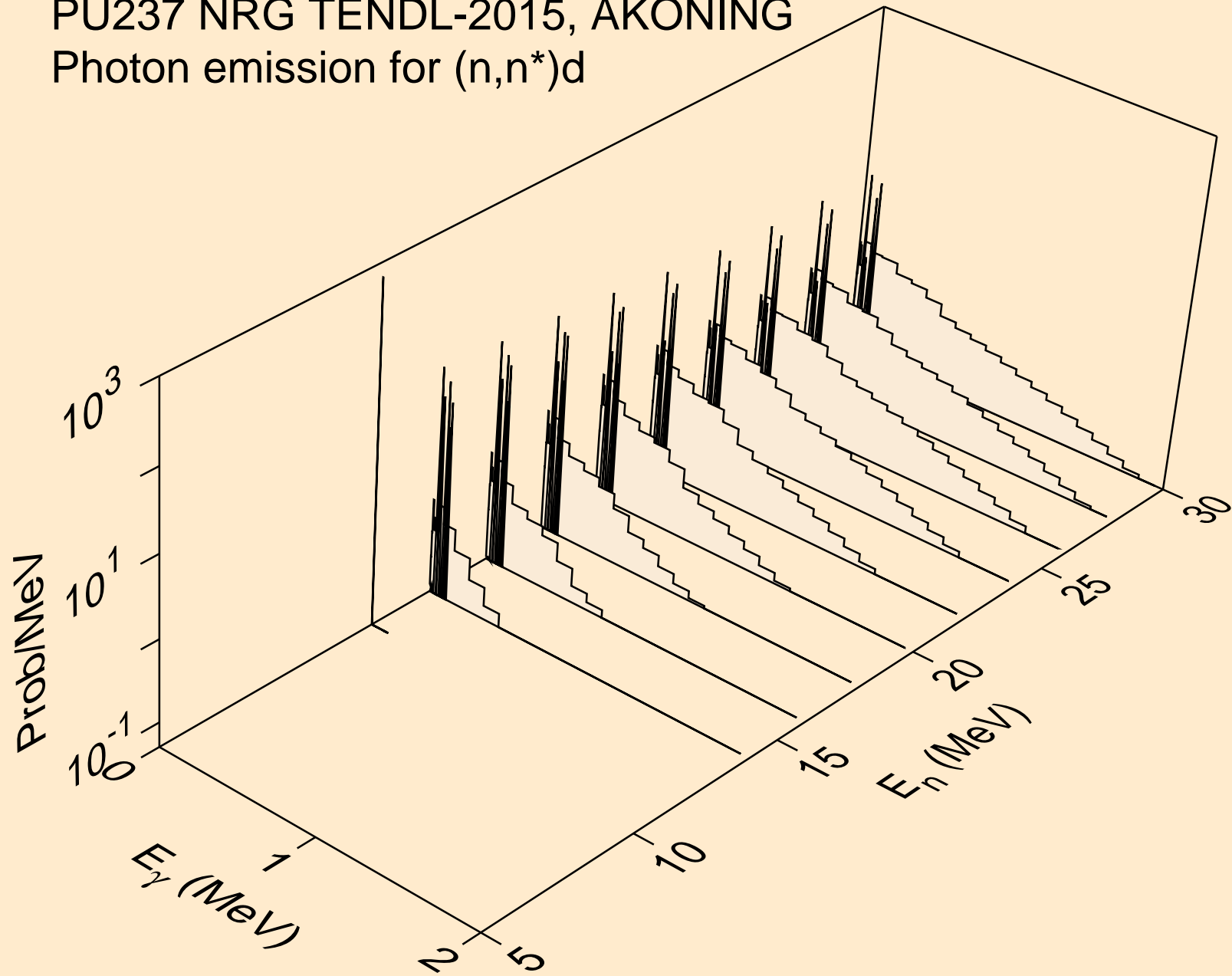
PU237 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



PU237 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a

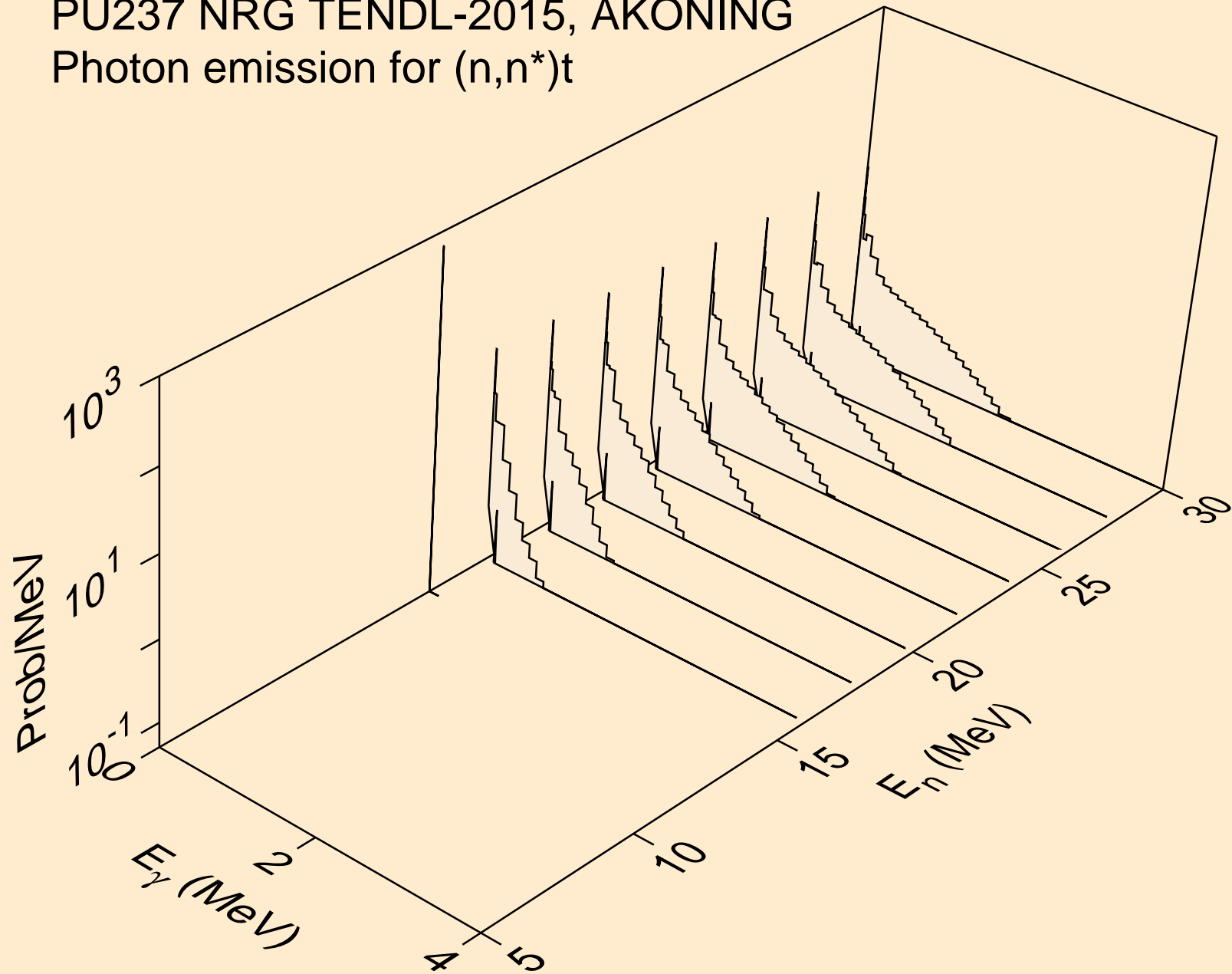


PU237 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d

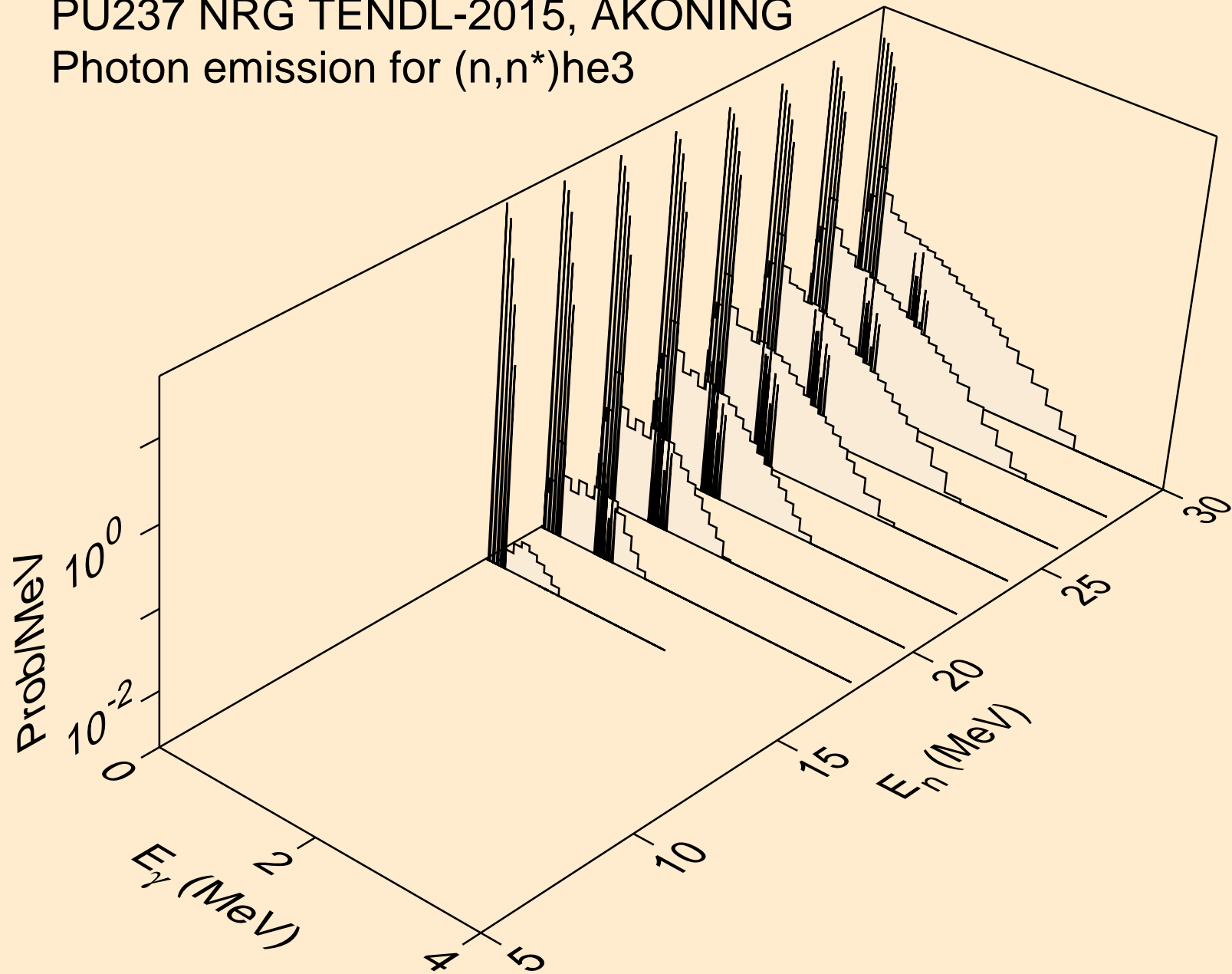




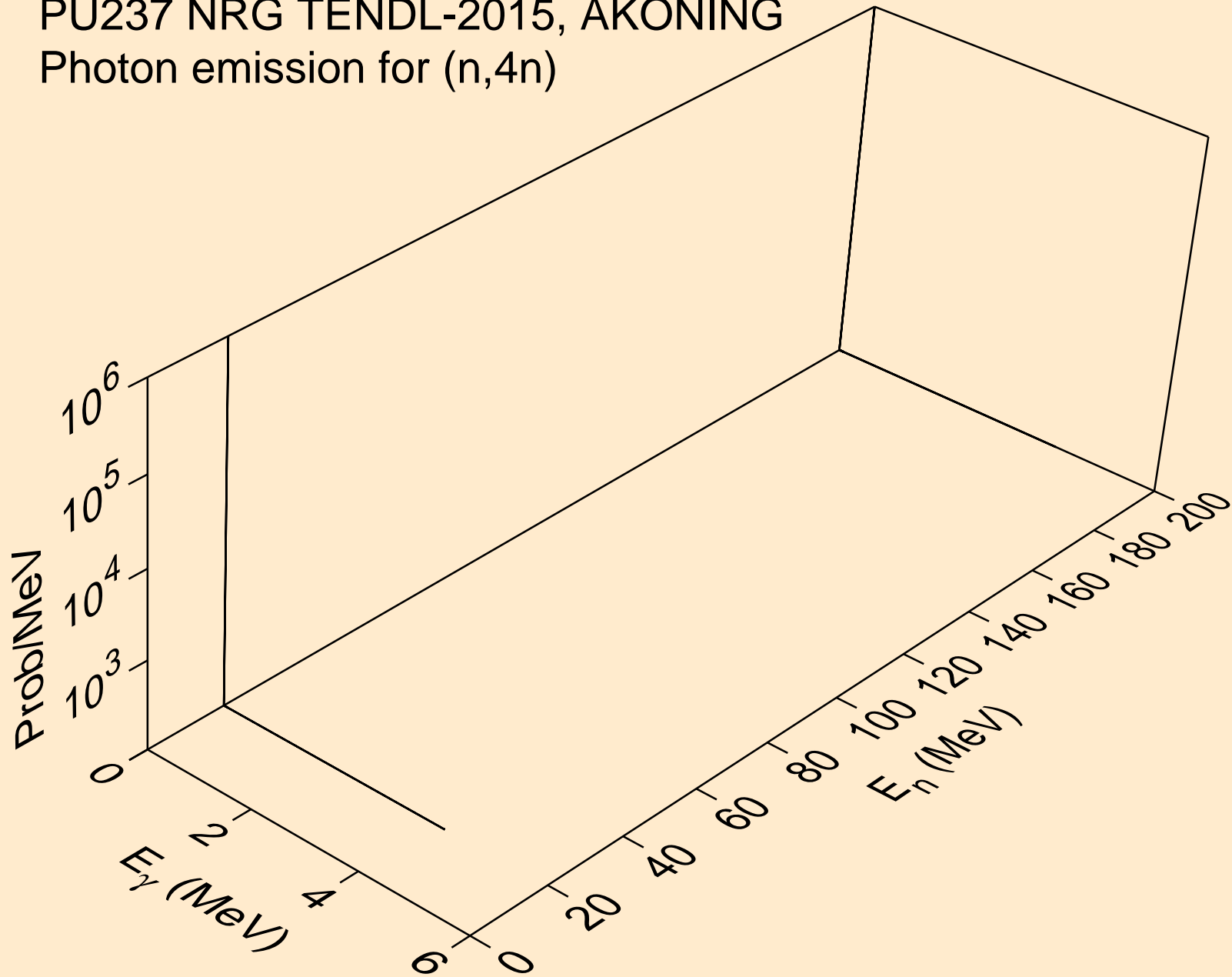
PU237 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



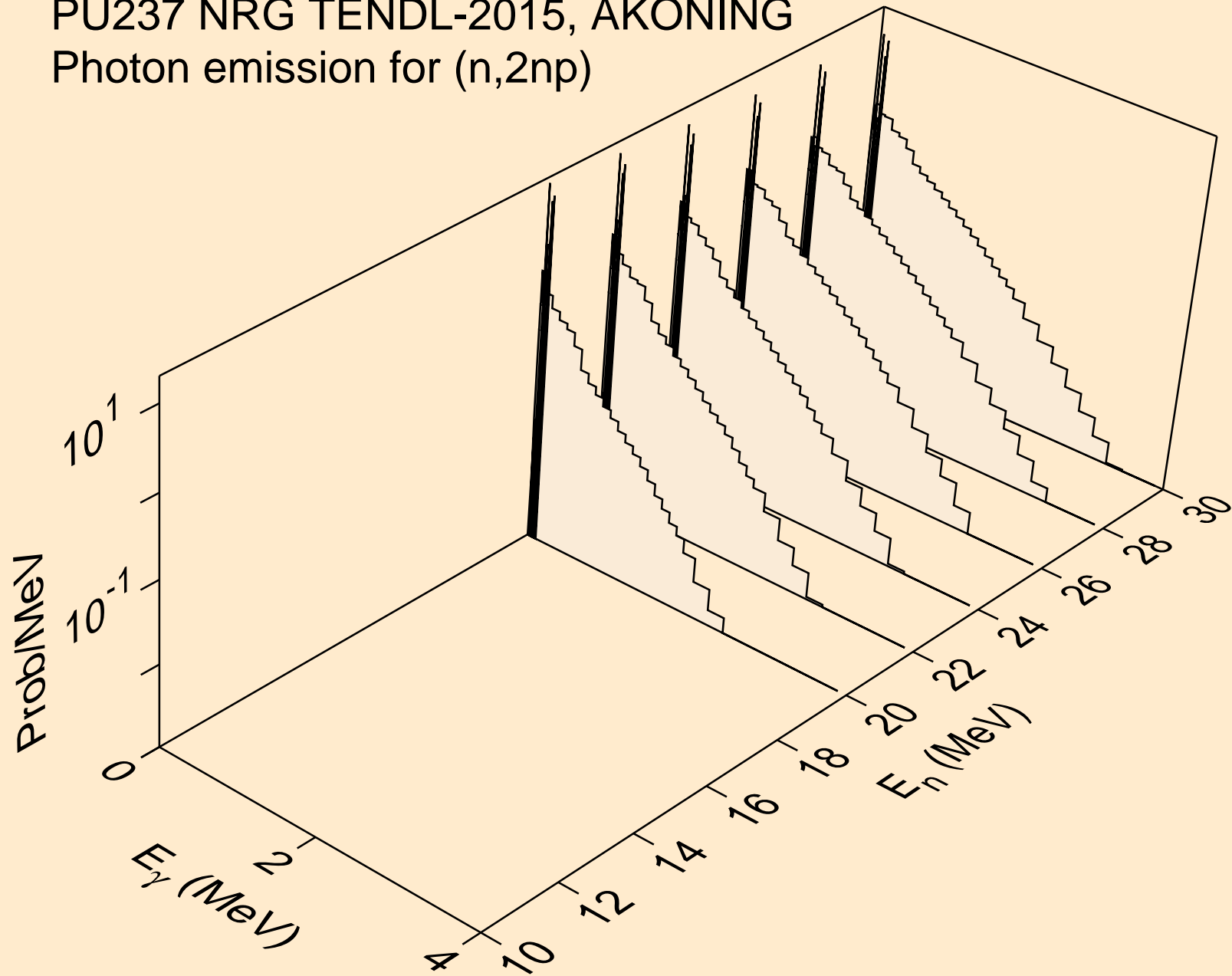
PU237 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



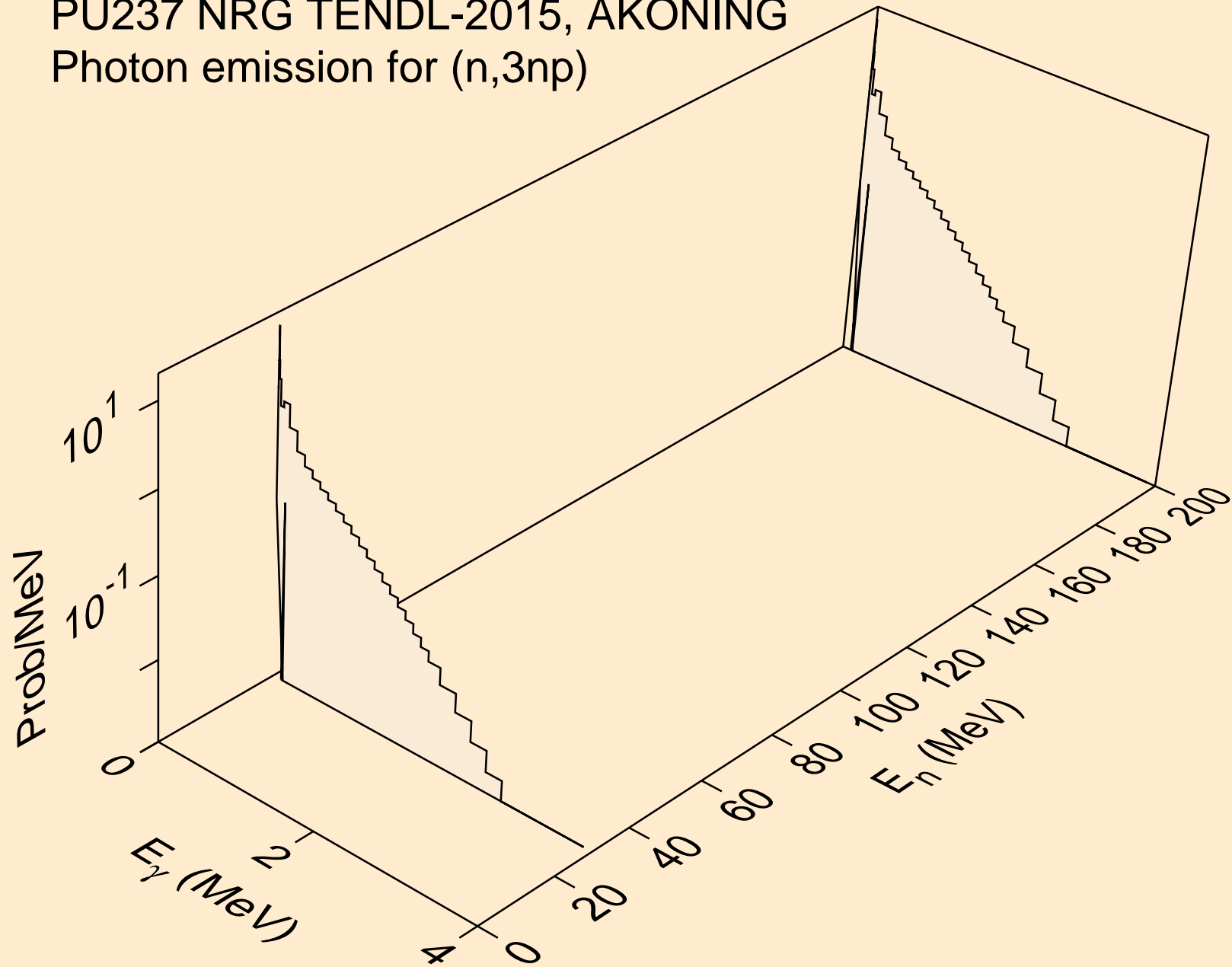
PU237 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



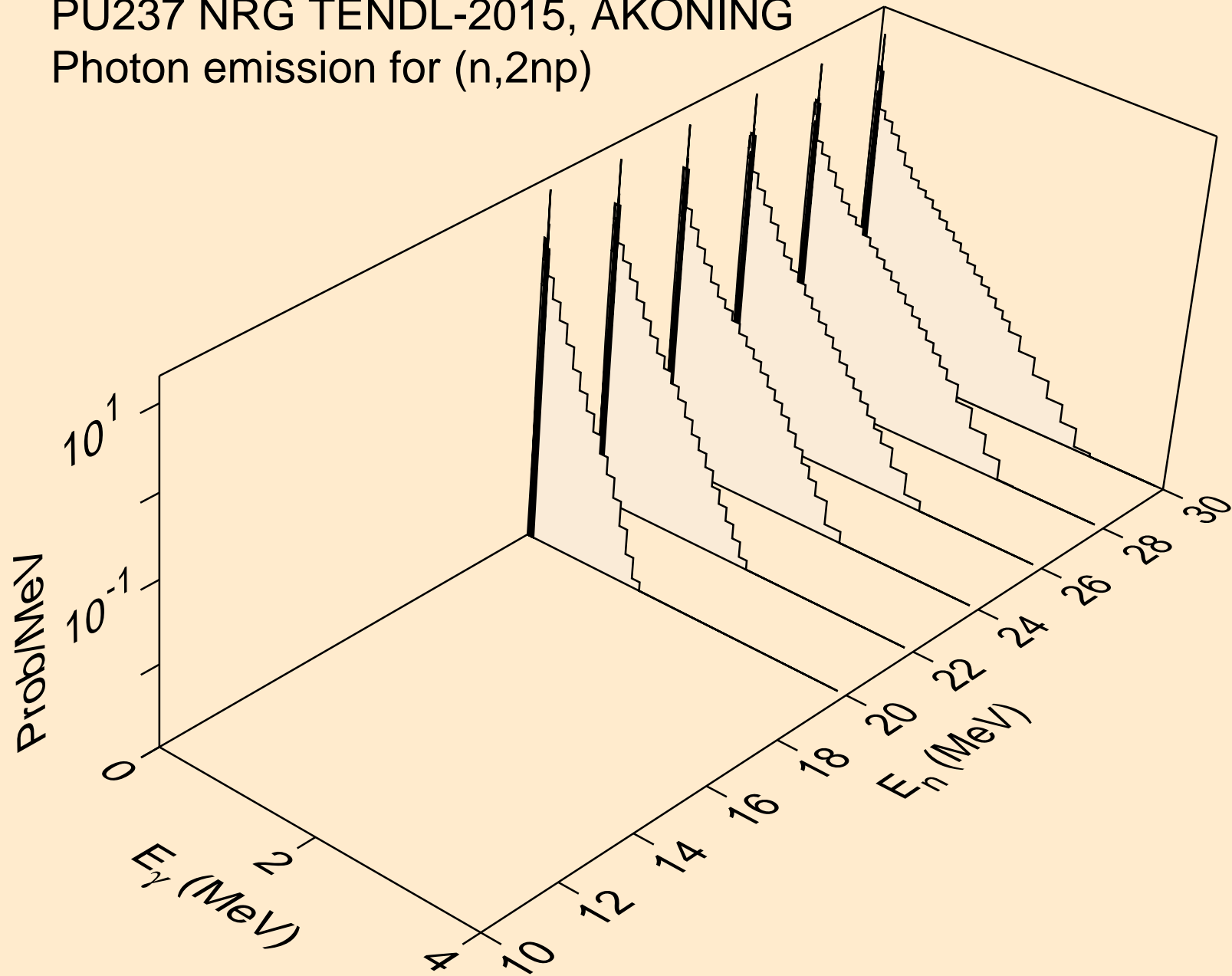
PU237 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



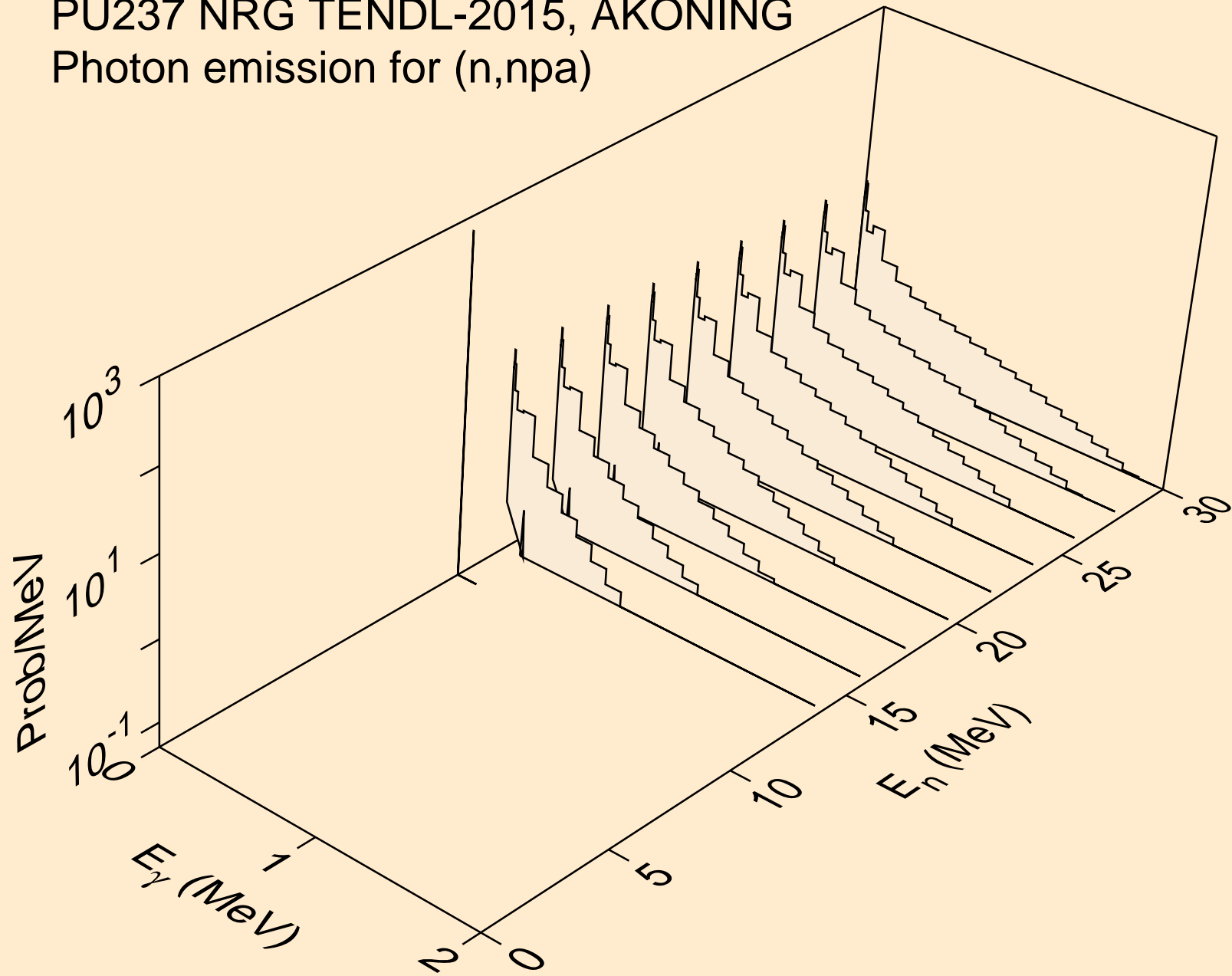
PU237 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



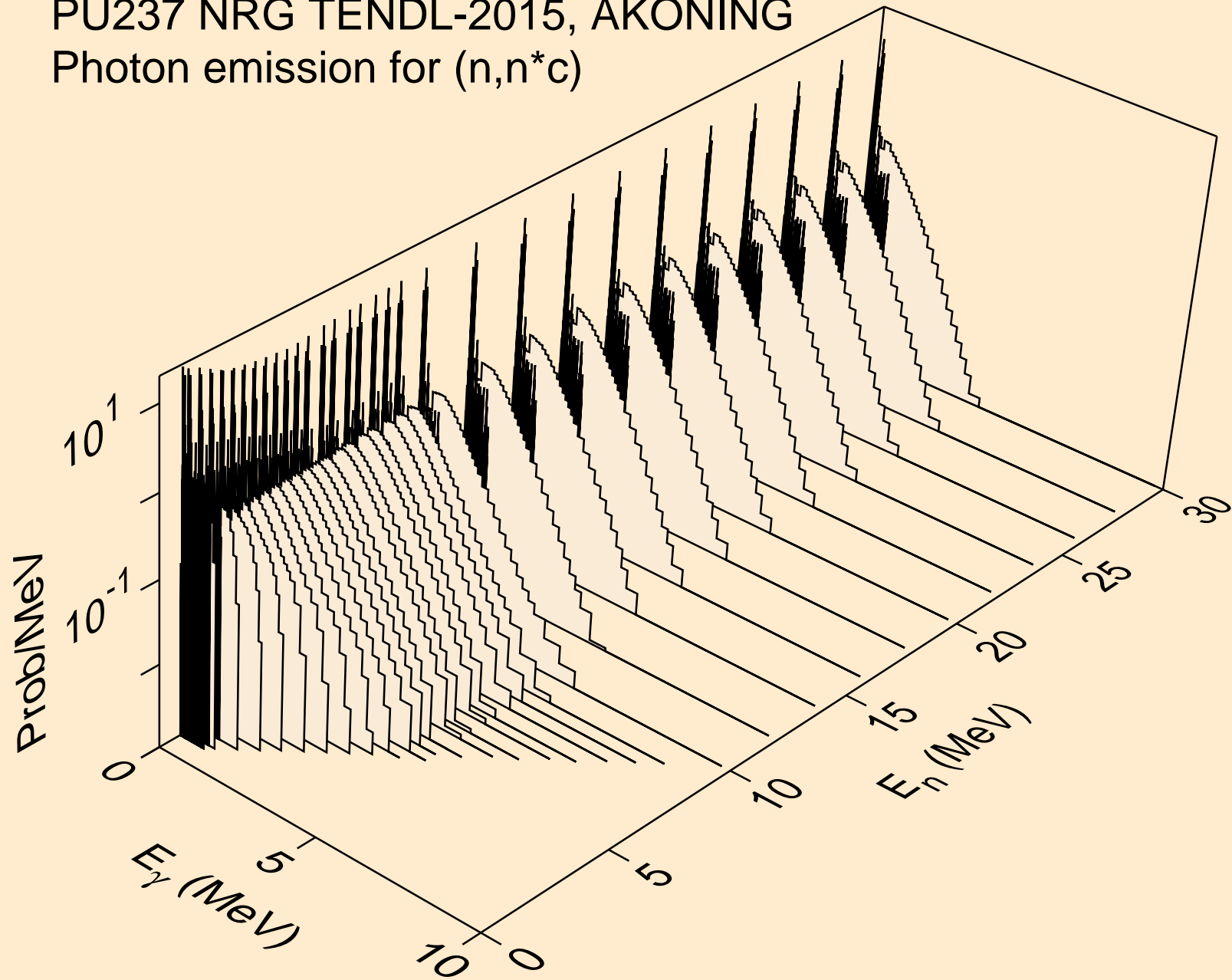
PU237 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



PU237 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)

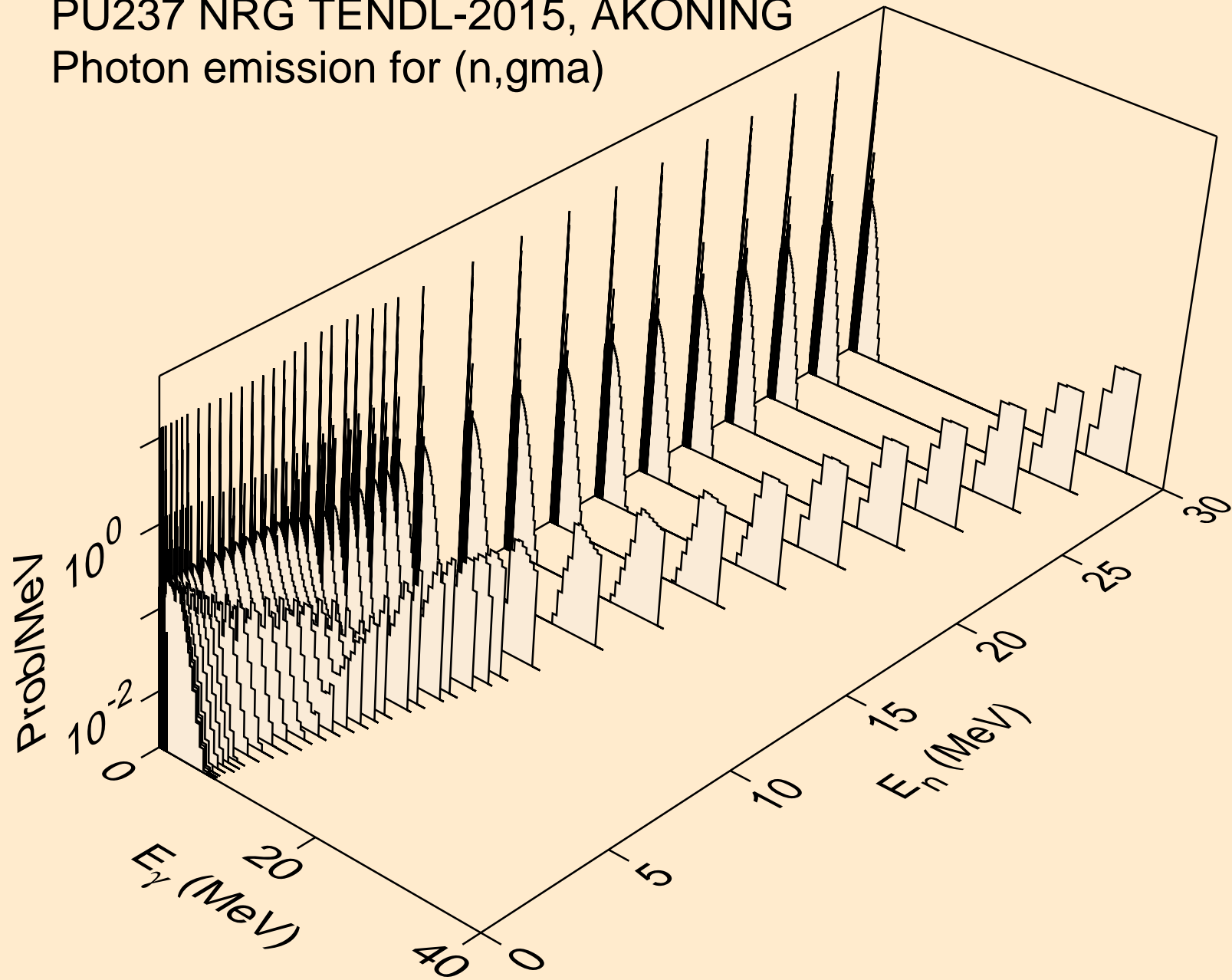


PU237 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)

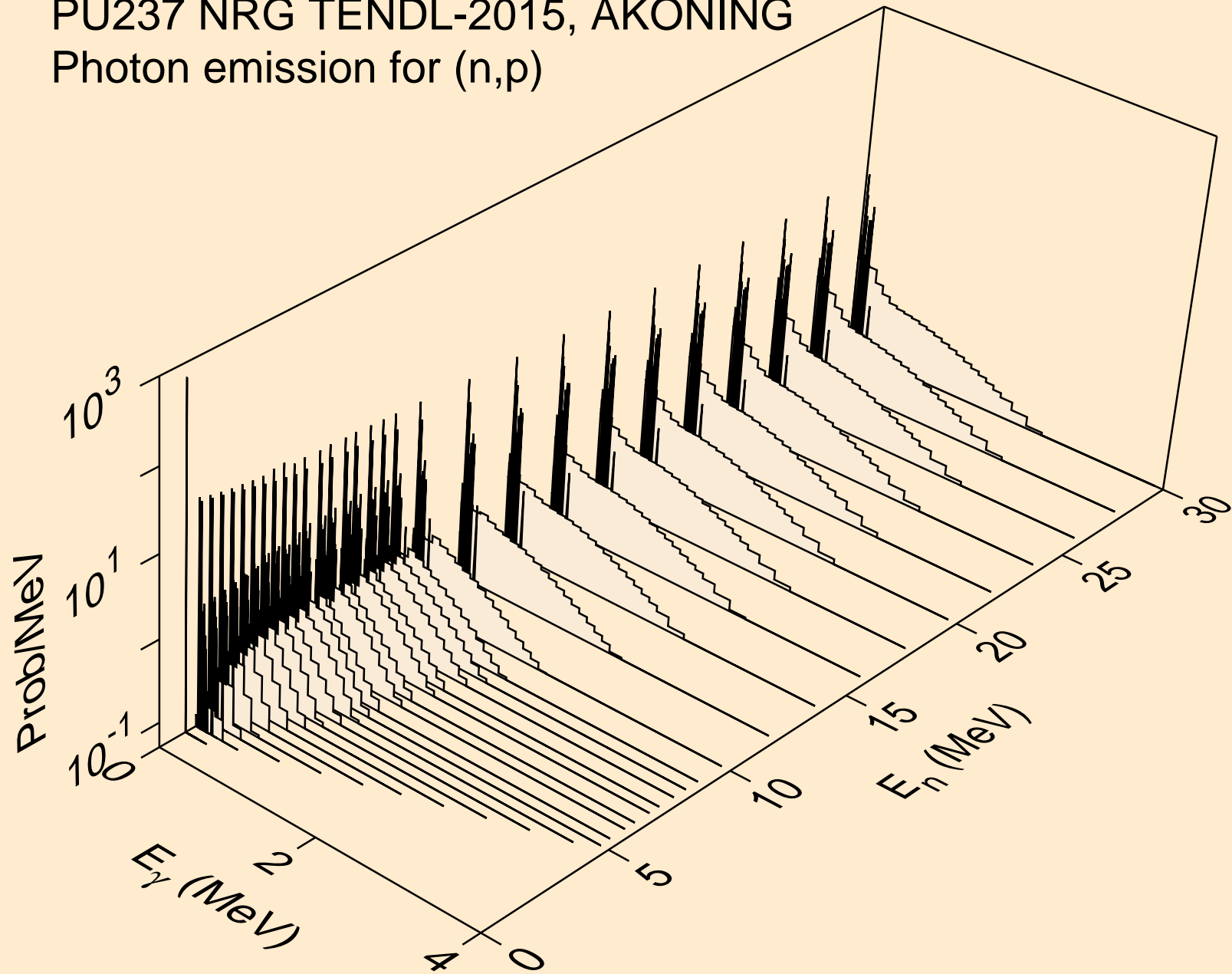




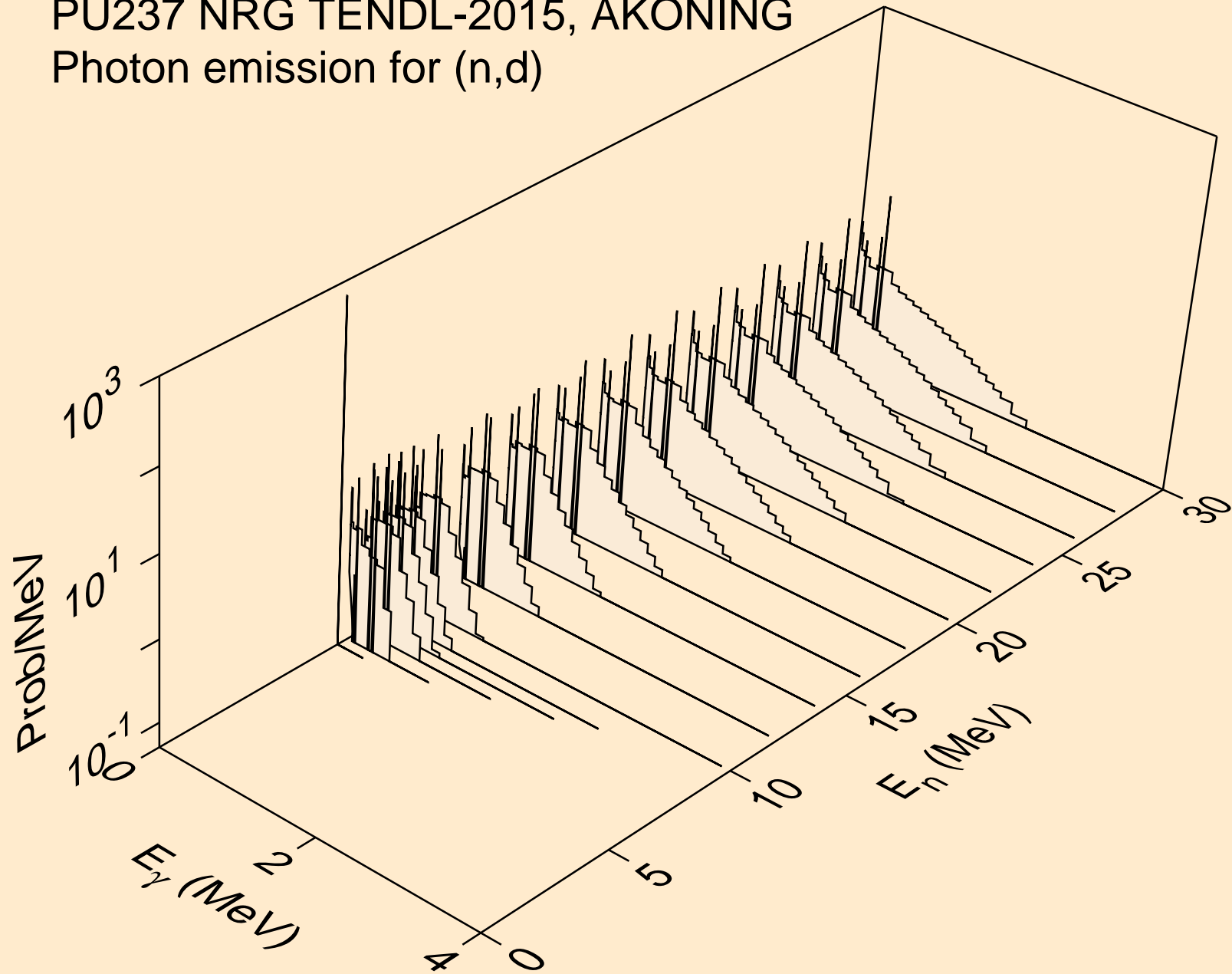
PU237 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



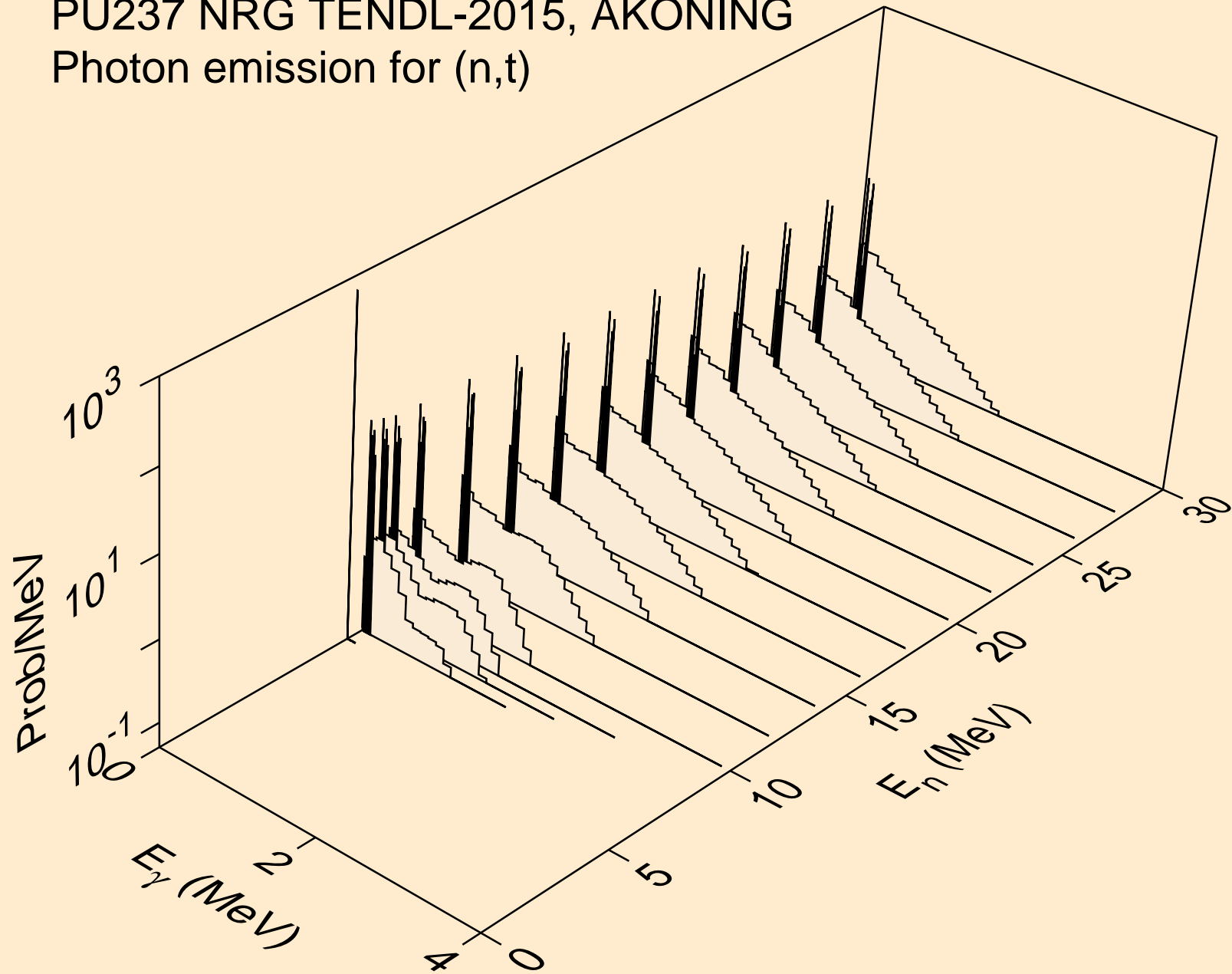
PU237 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



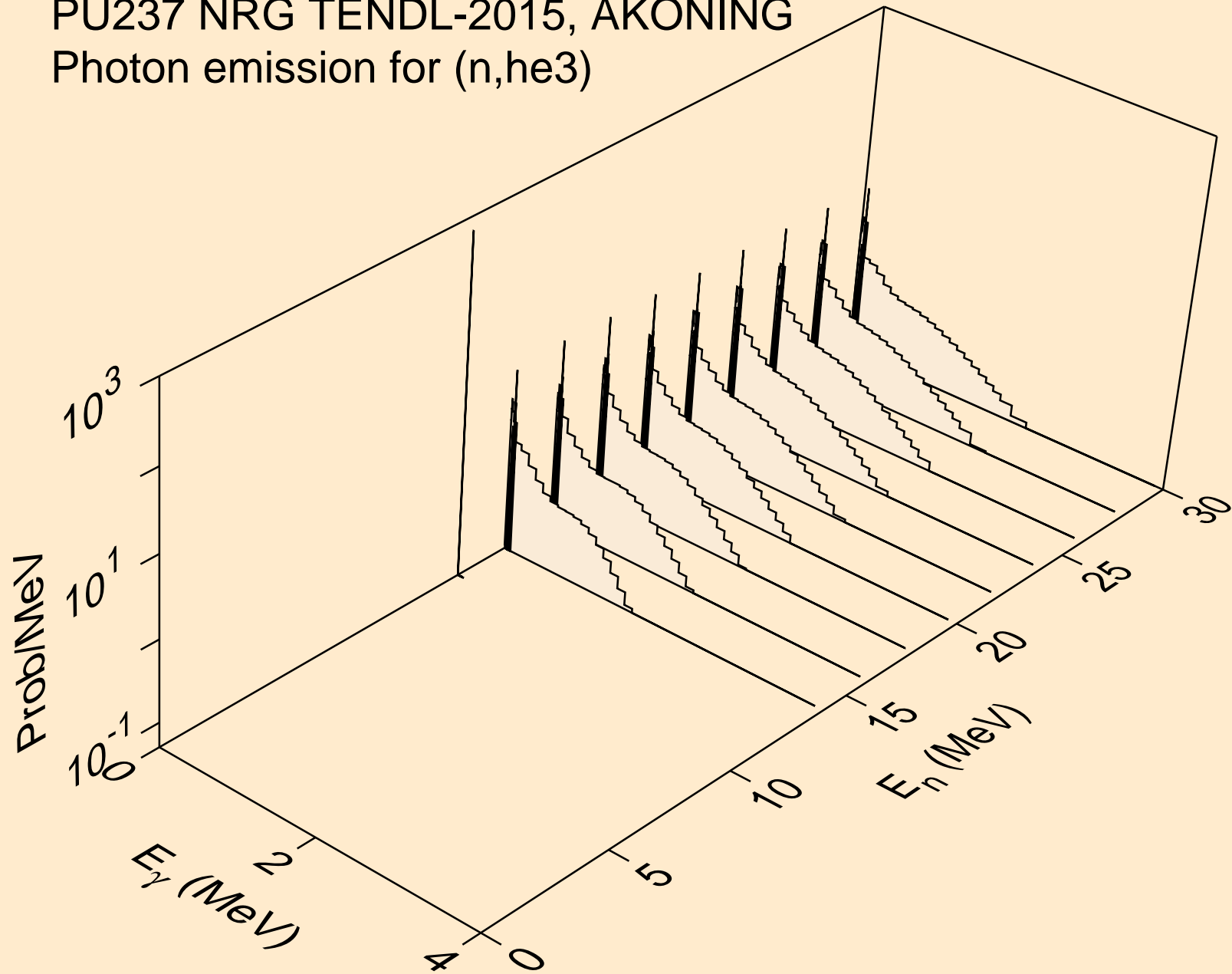
PU237 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



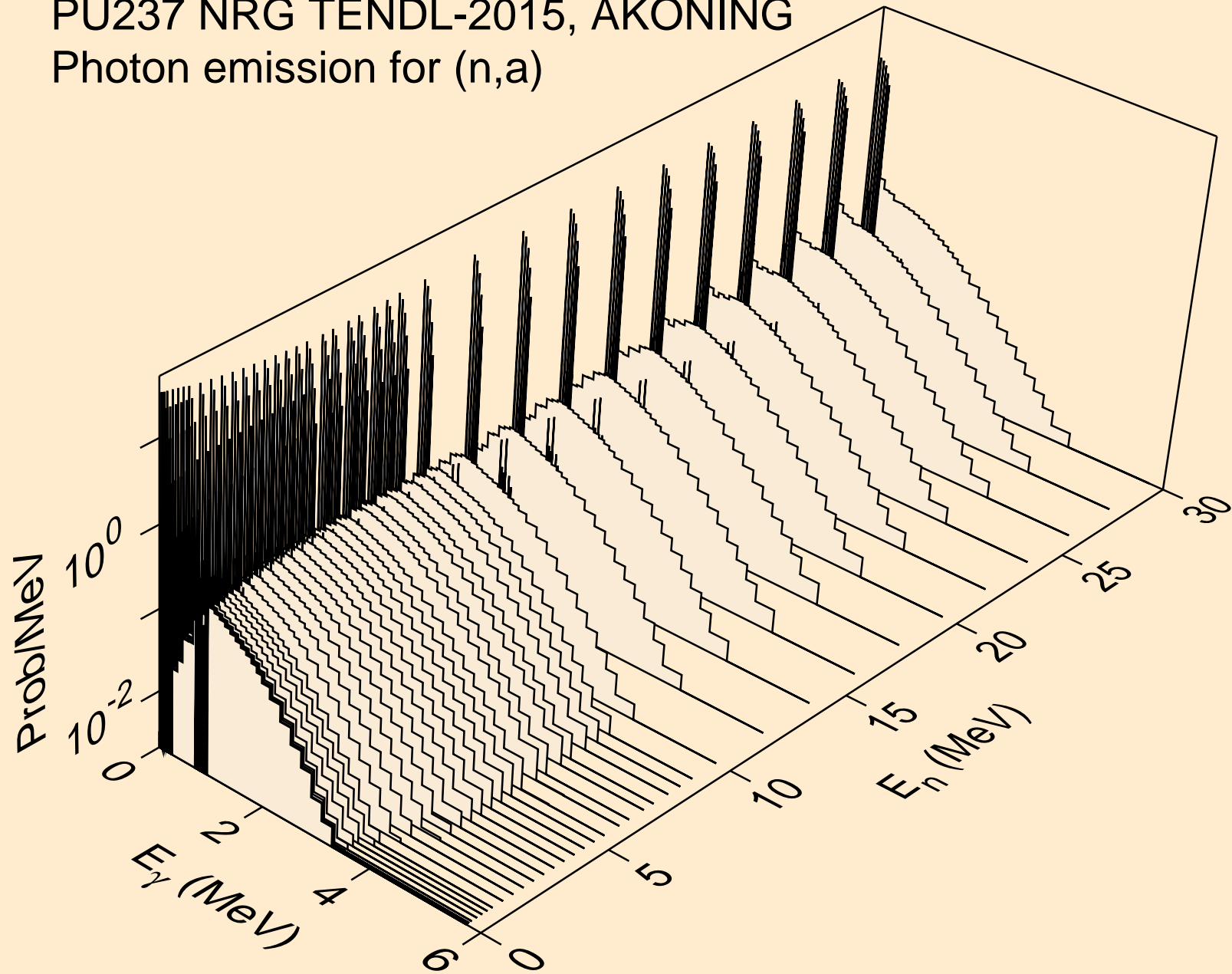
PU237 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



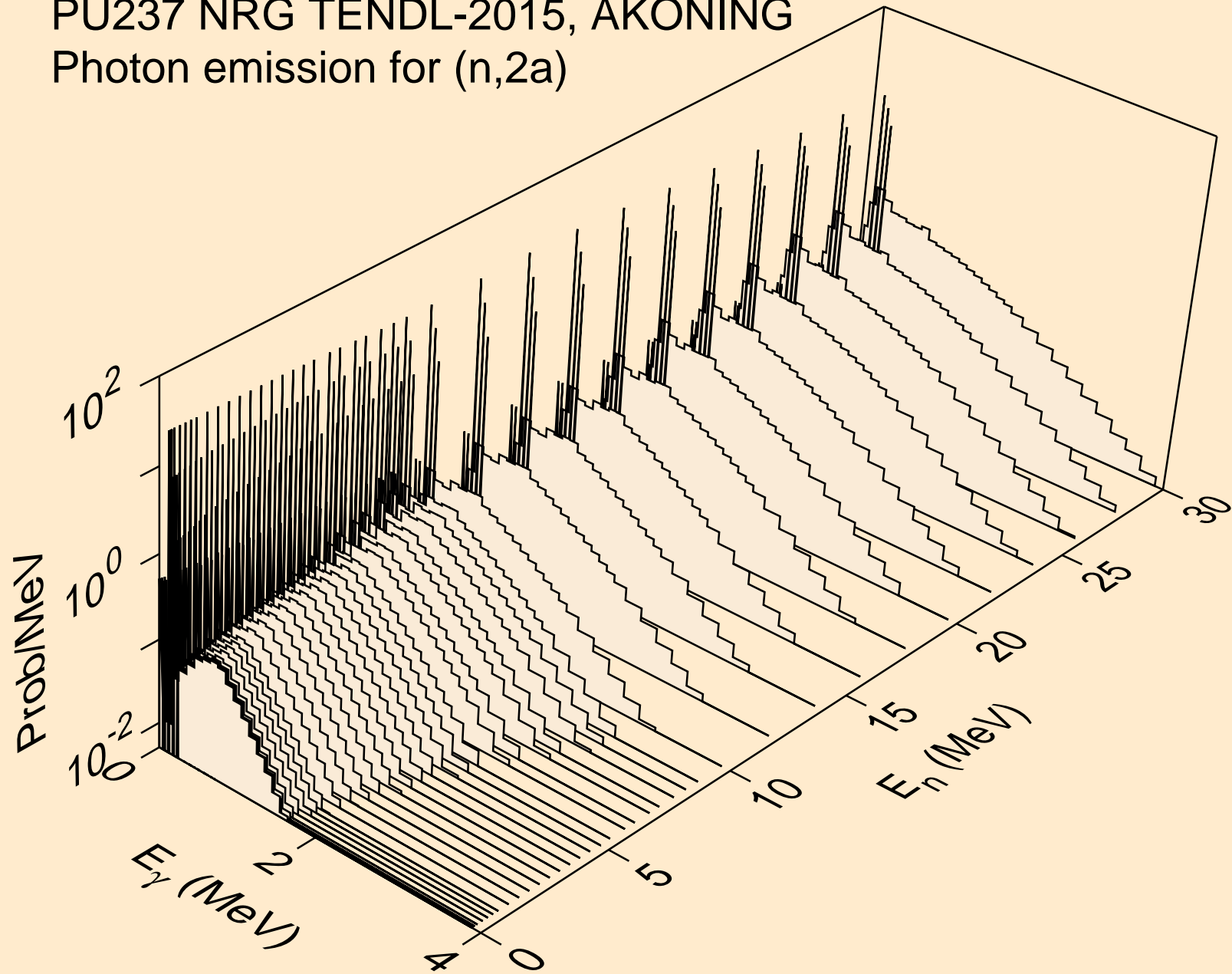
PU237 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



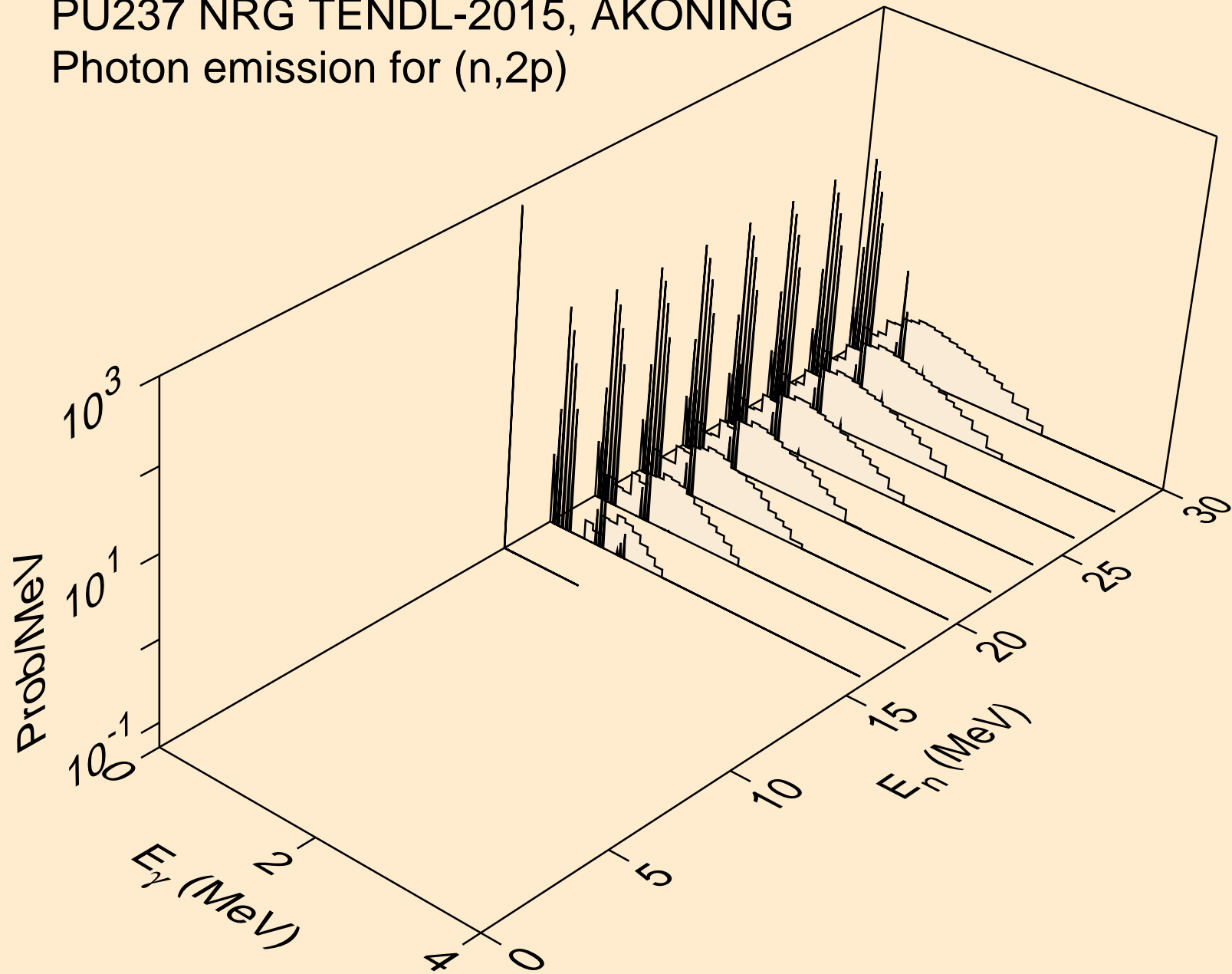
PU237 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



PU237 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)

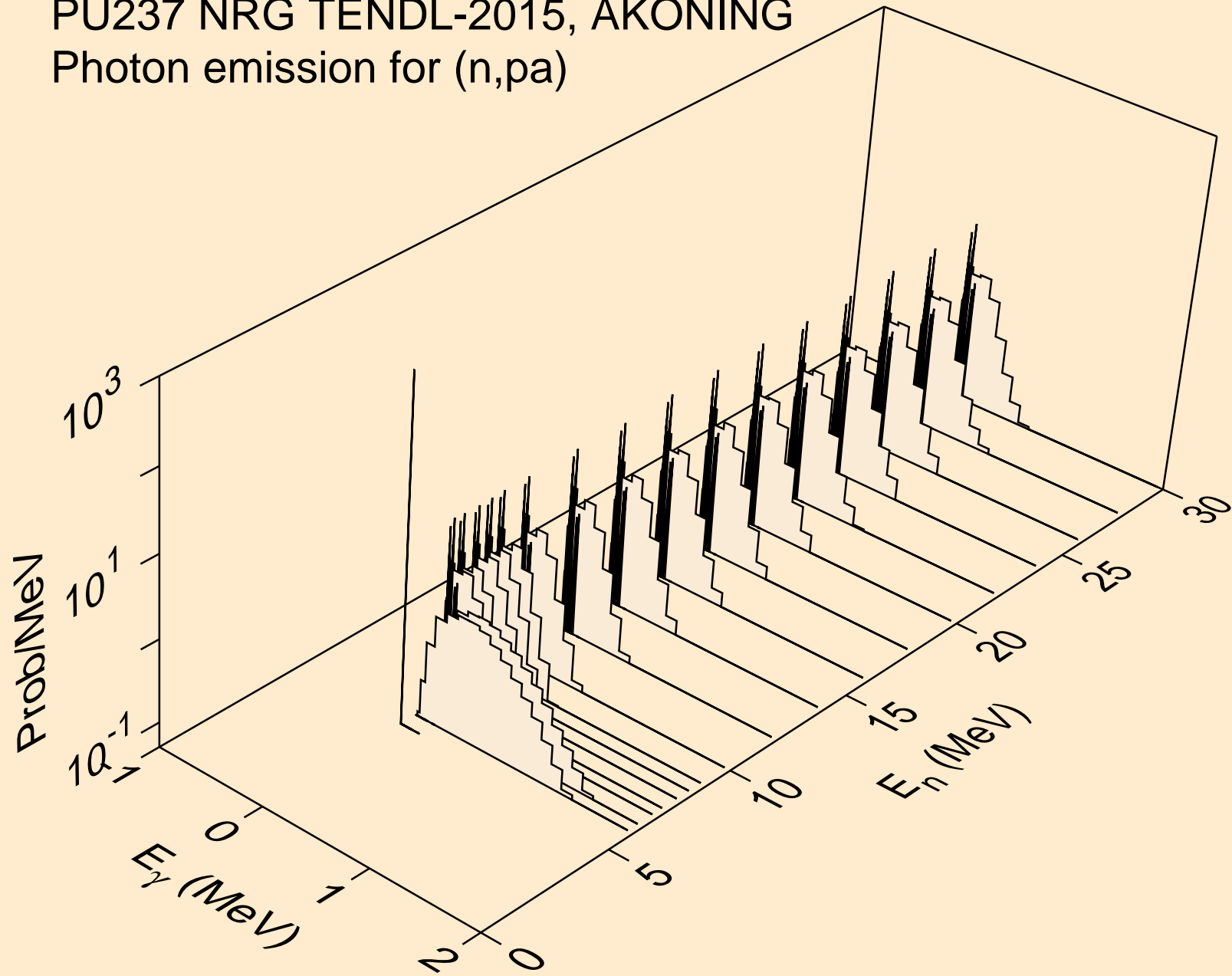


PU237 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)

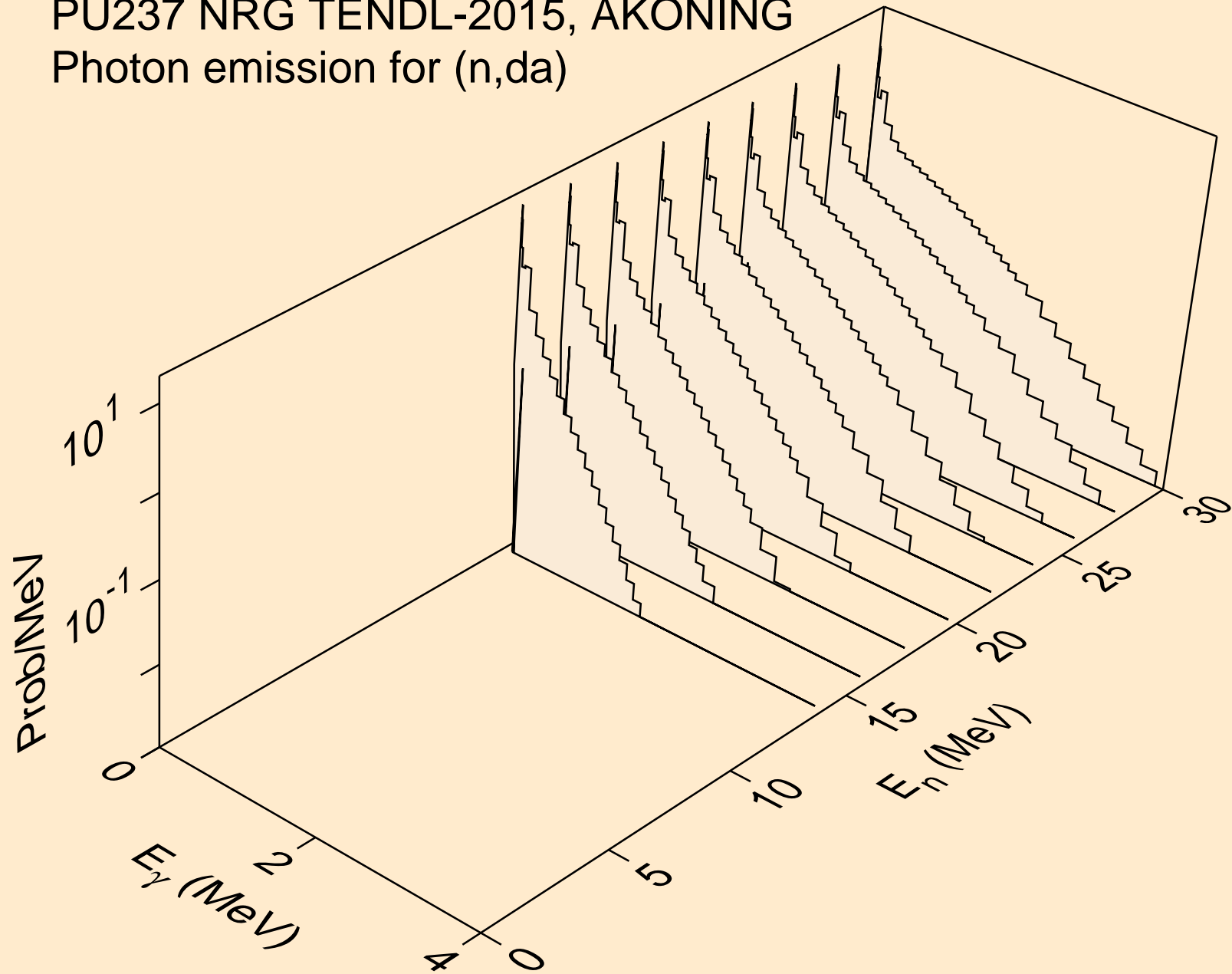




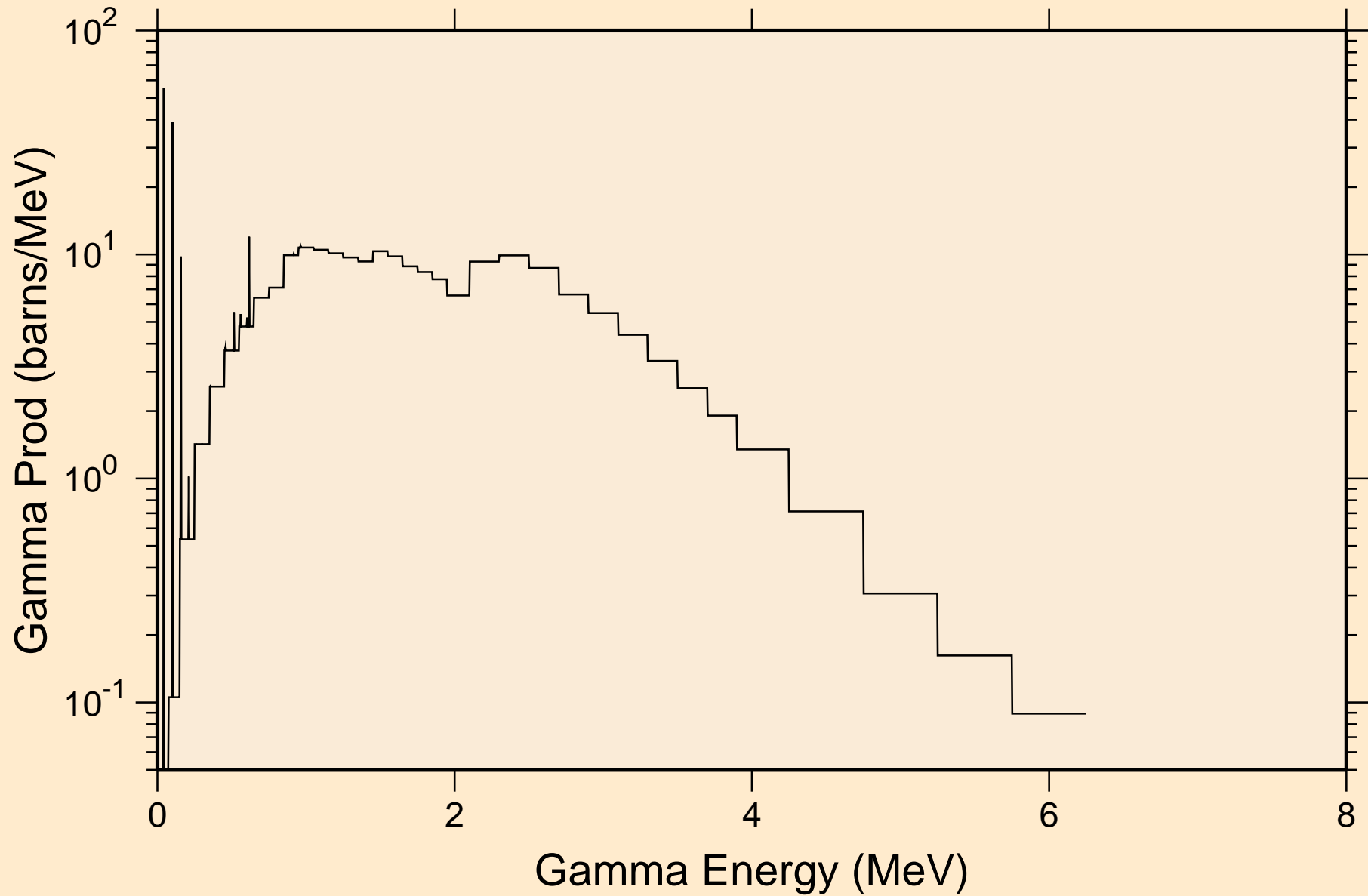
PU237 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)



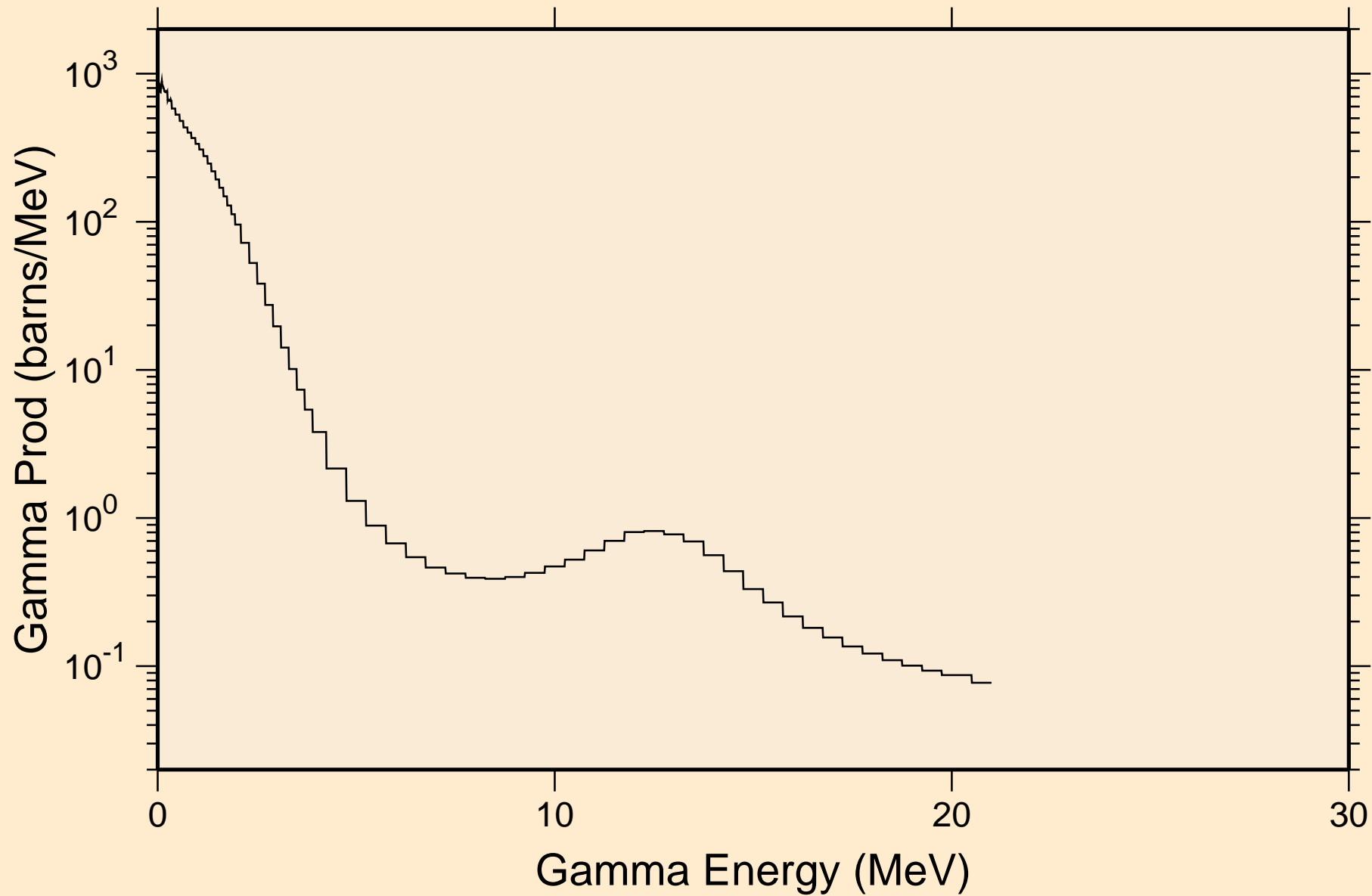
PU237 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



PU237 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

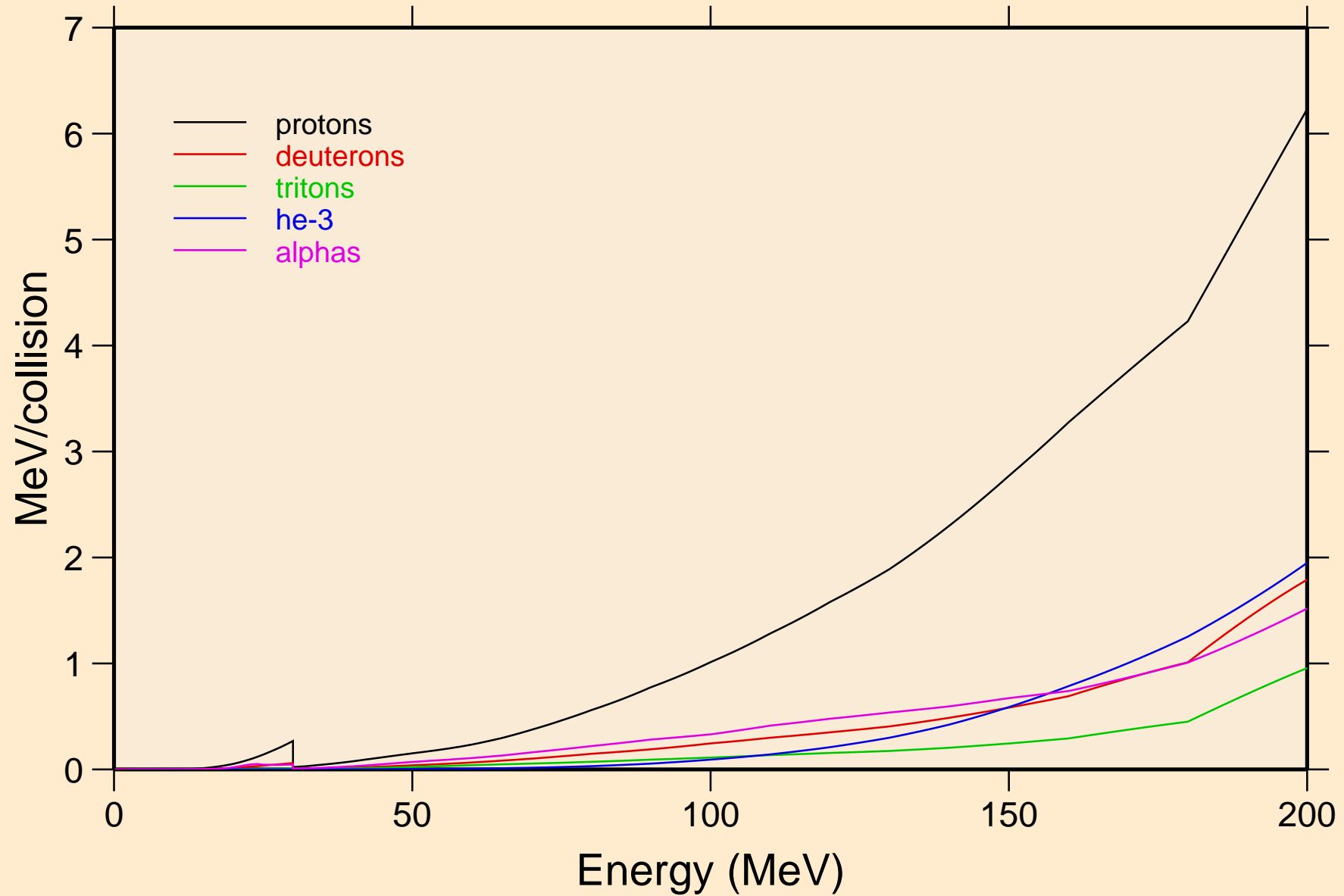


PU237 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



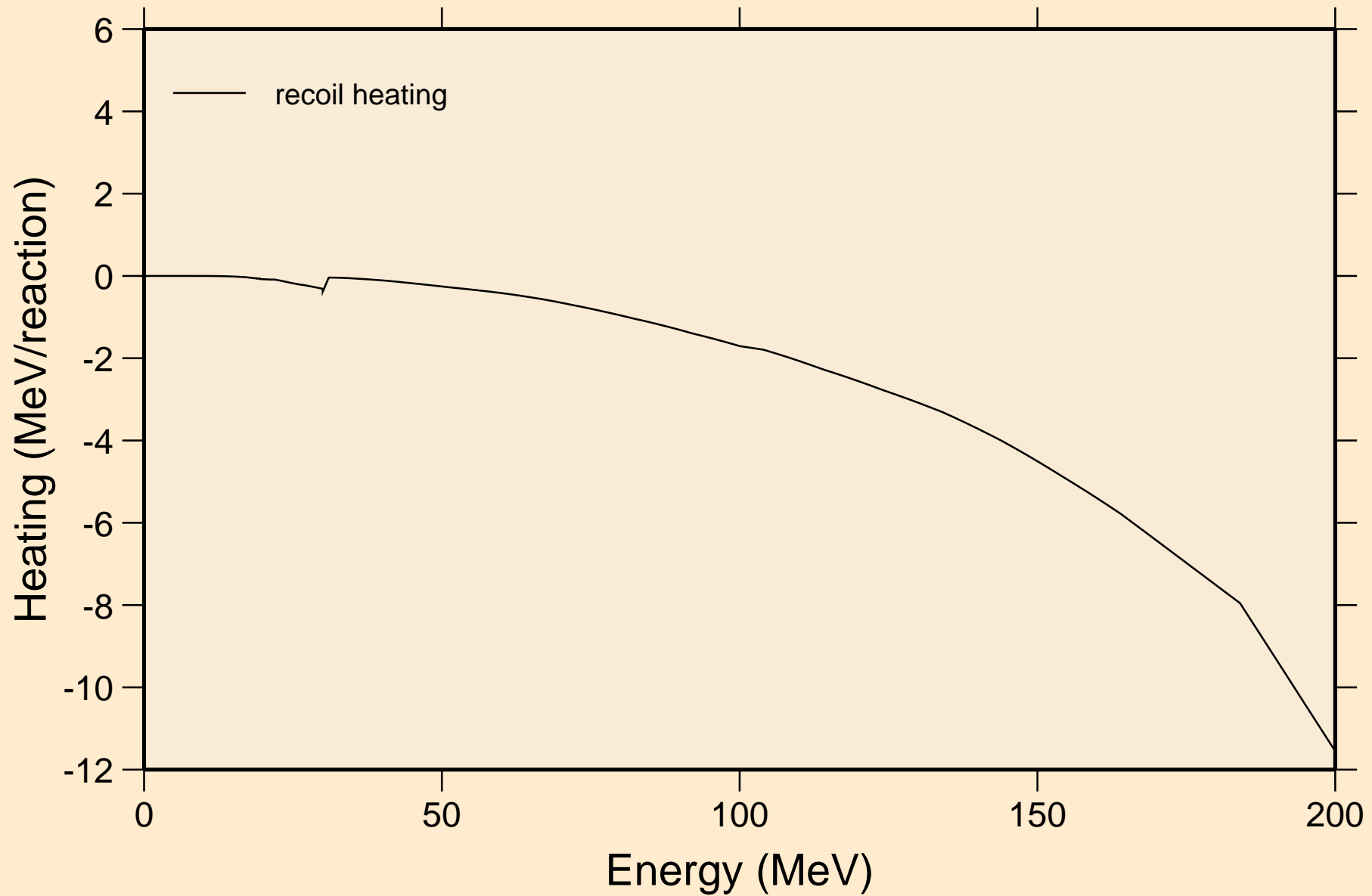
# PU237 NRG TENDL-2015, AKONING

## Particle heating contributions



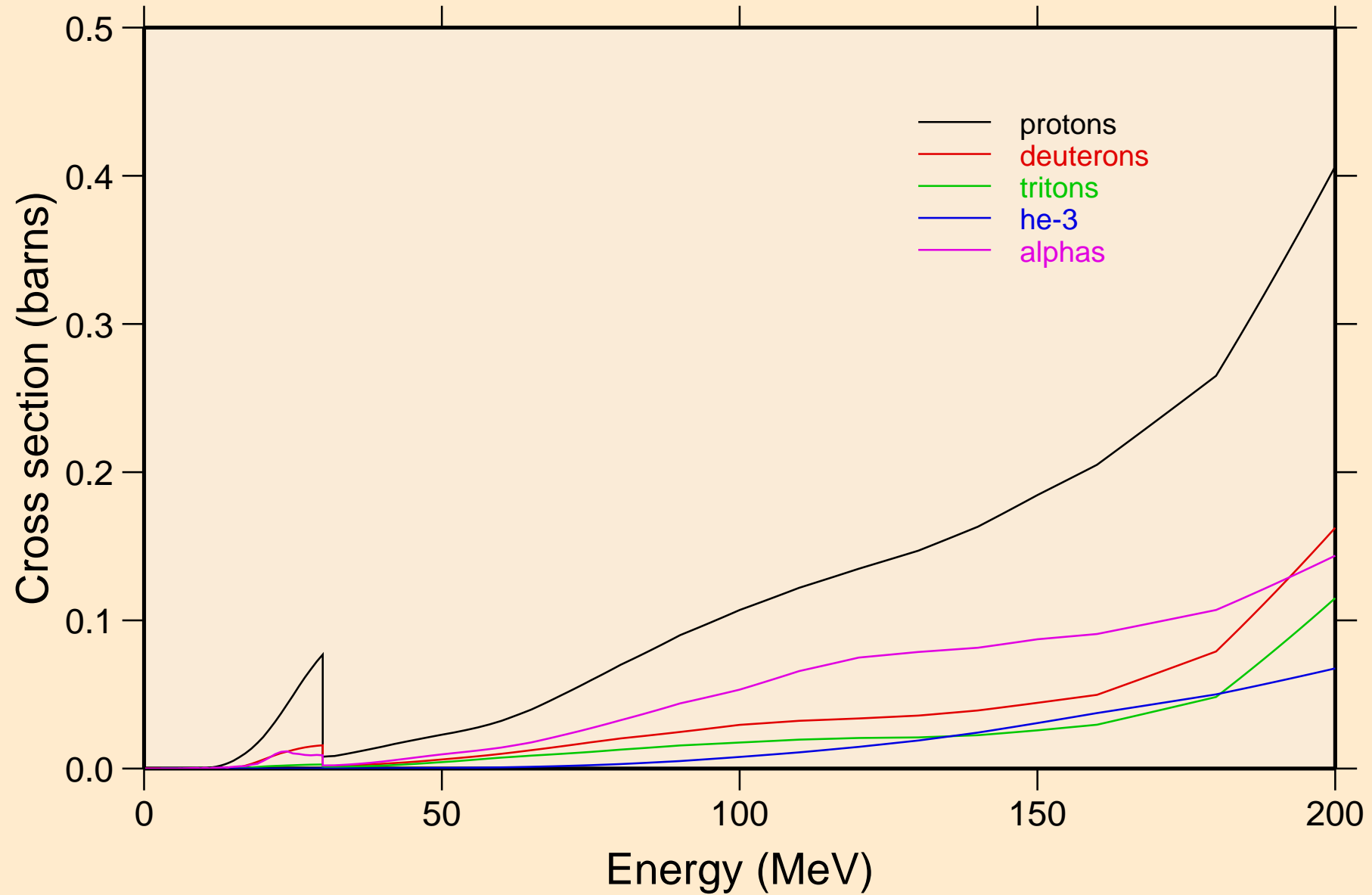
# PU237 NRG TENDL-2015, AKONING

## Recoil Heating

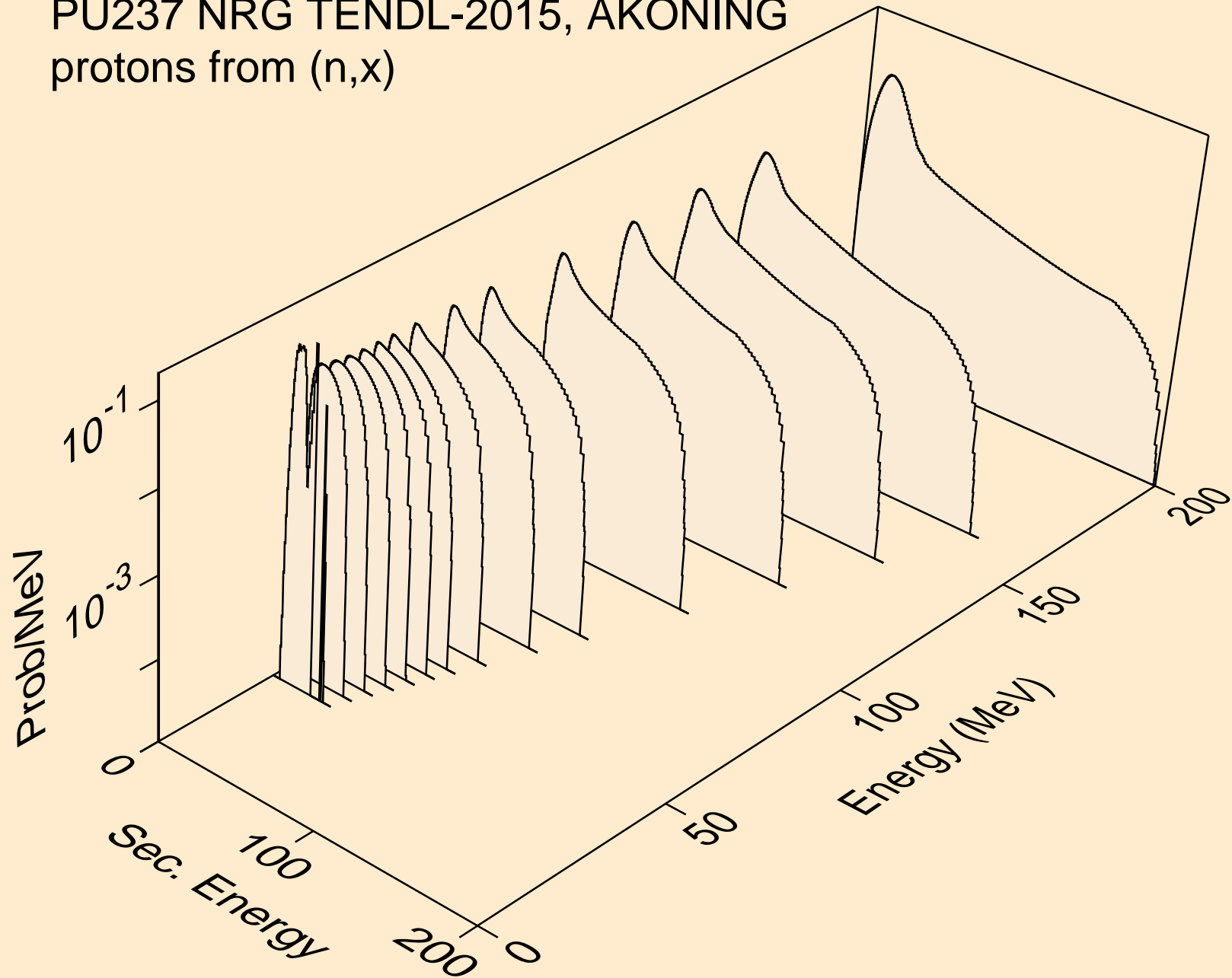


# PU237 NRG TENDL-2015, AKONING

## Particle production cross sections

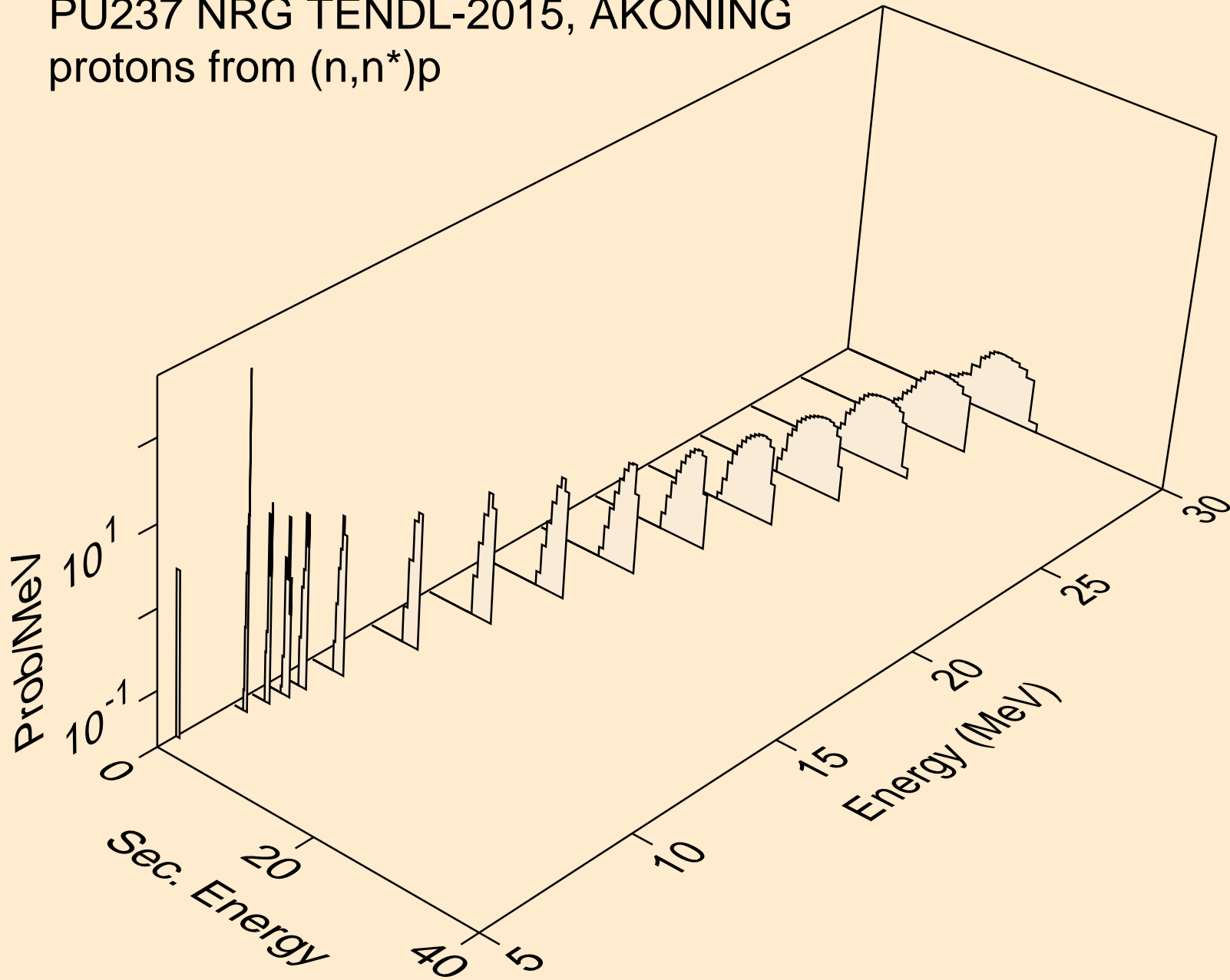


PU237 NRG TENDL-2015, AKONING  
protons from (n,x)

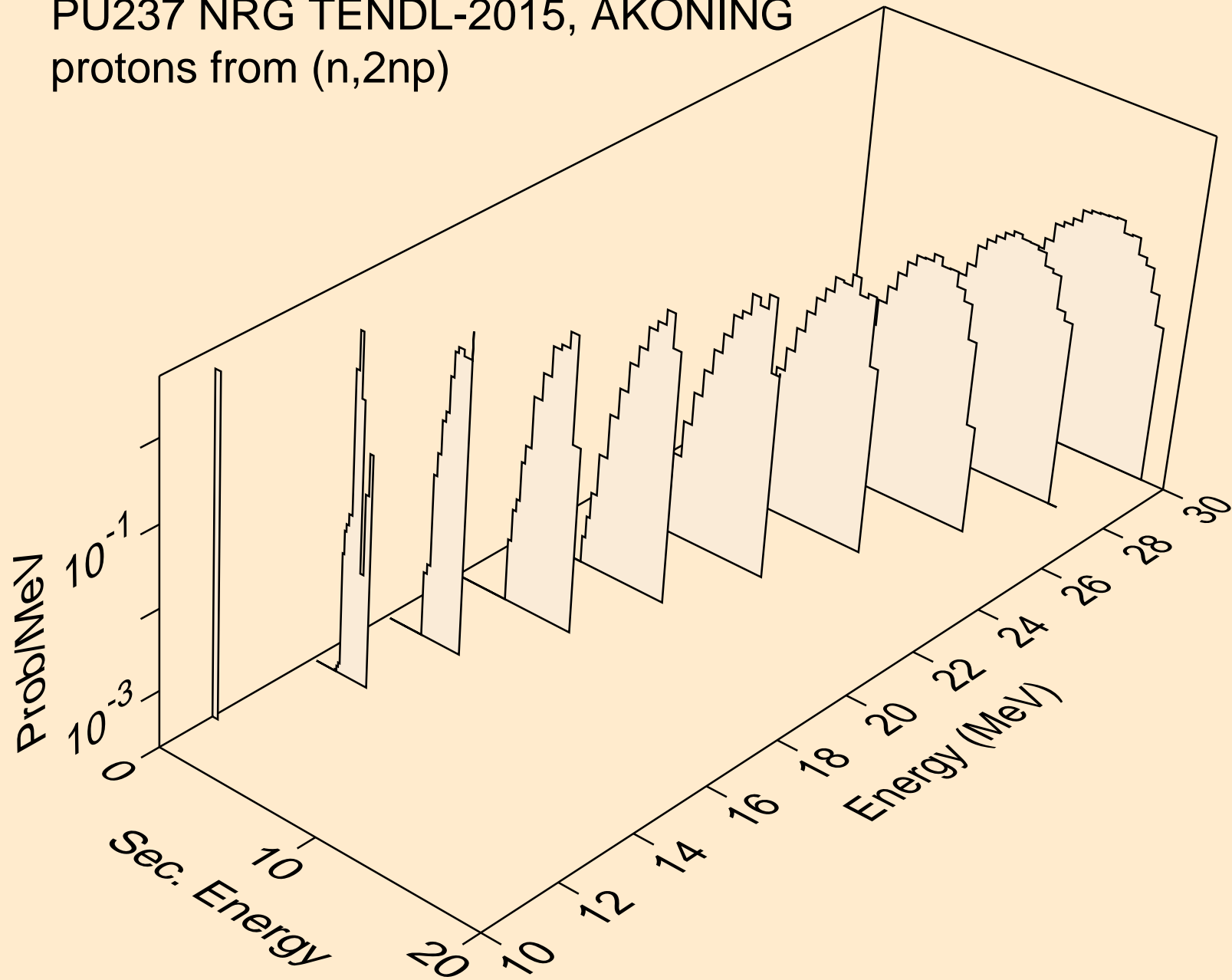




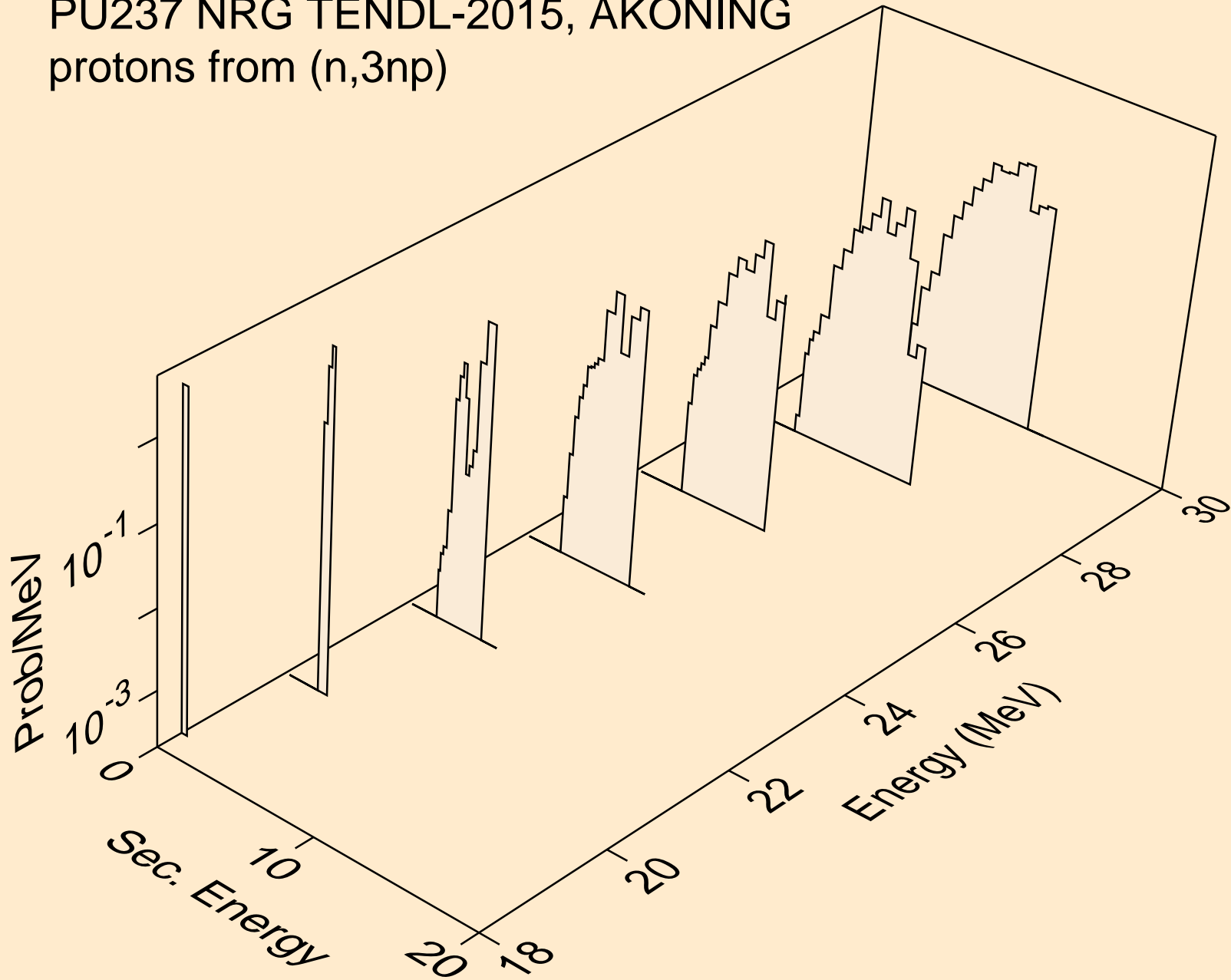
PU237 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



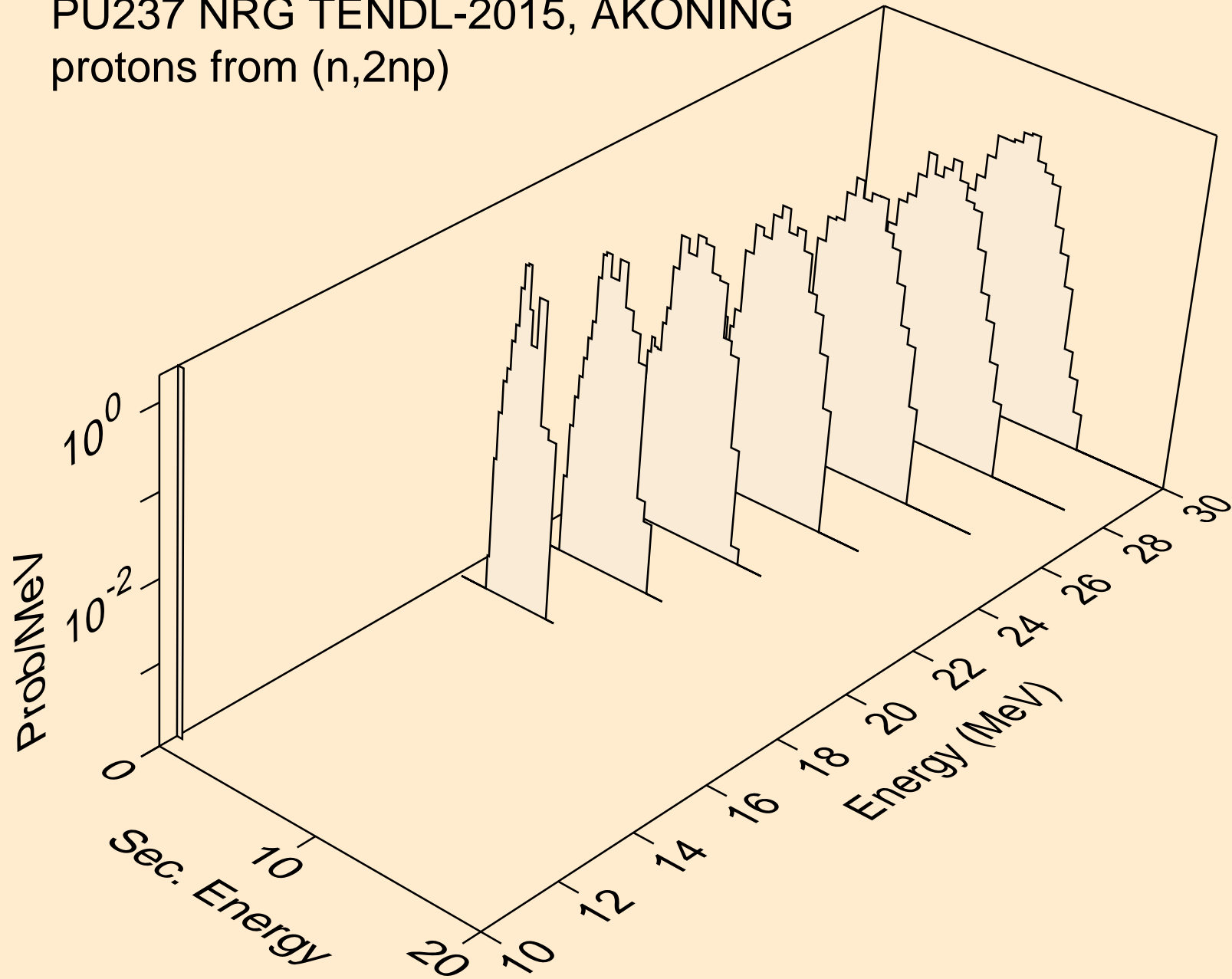
PU237 NRG TENDL-2015, AKONING  
protons from (n,2np)



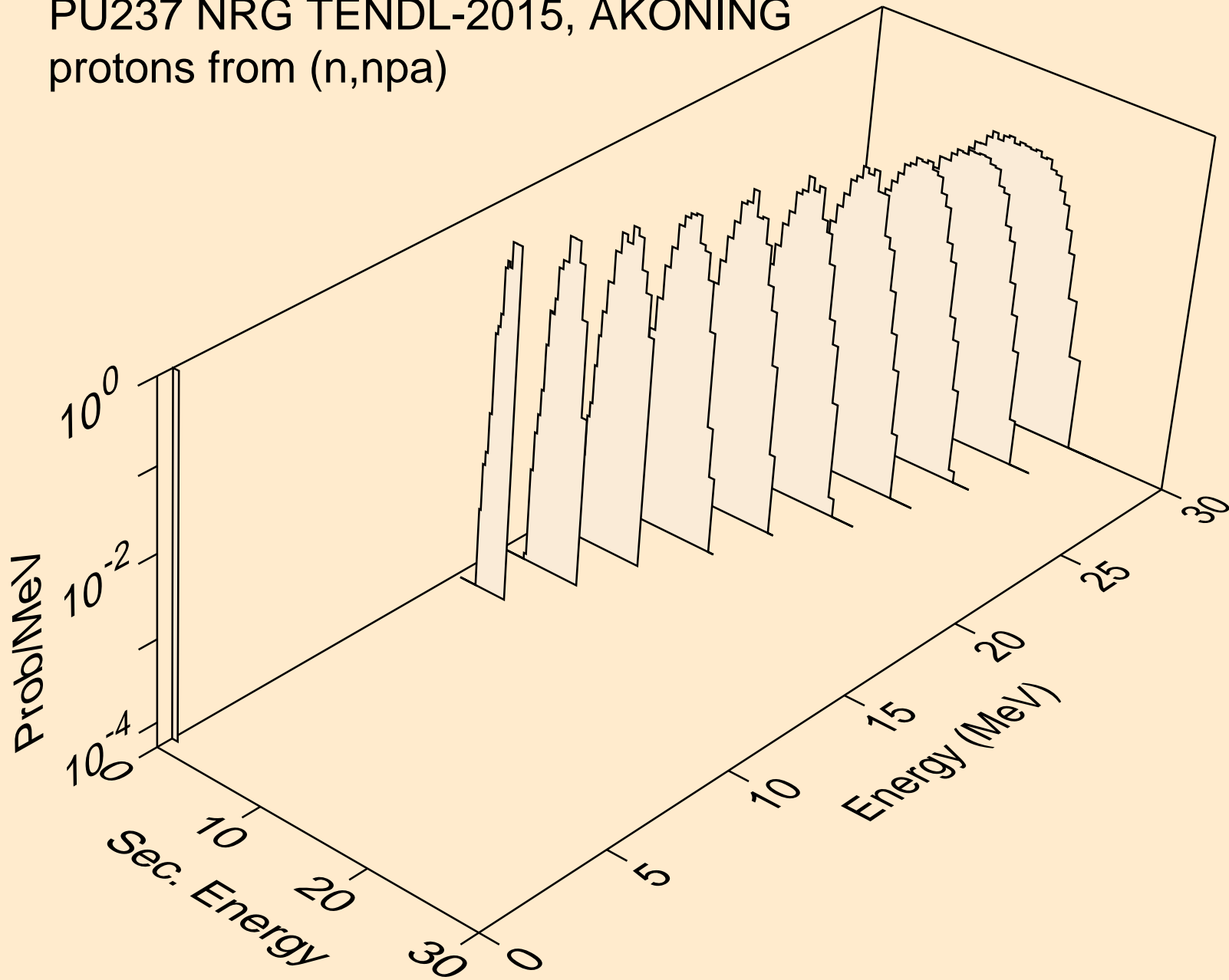
PU237 NRG TENDL-2015, AKONING  
protons from (n,3np)



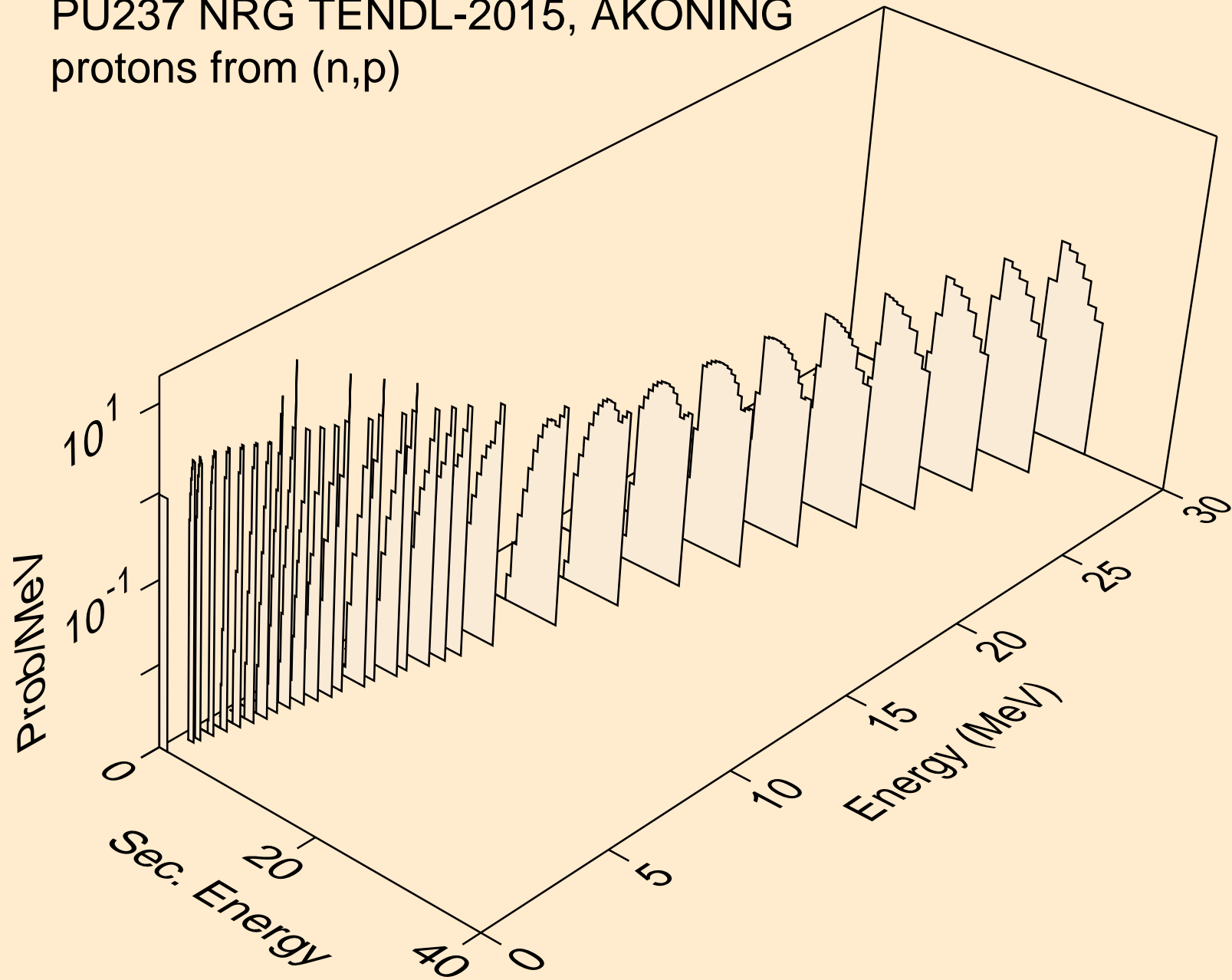
PU237 NRG TENDL-2015, AKONING  
protons from (n,2np)



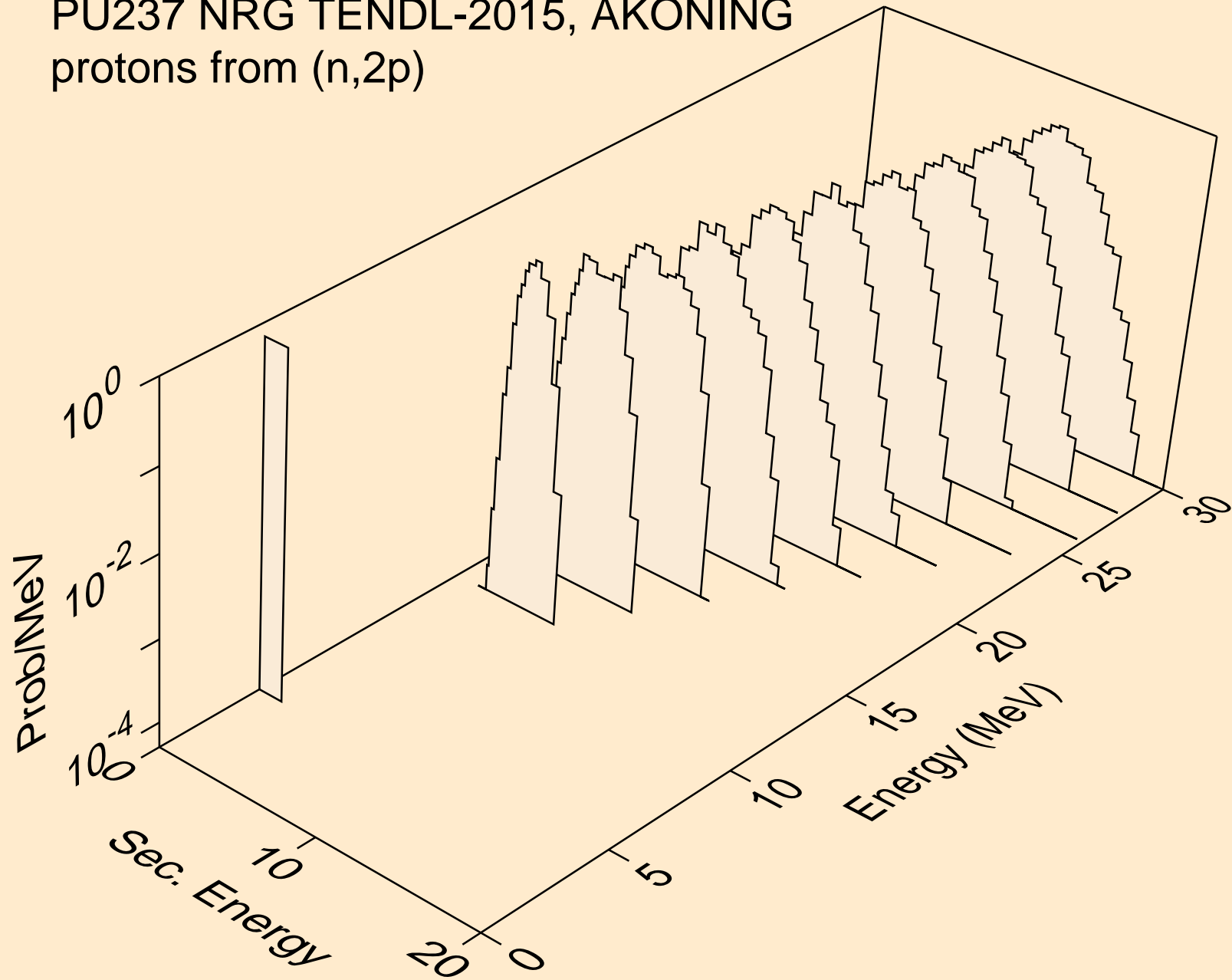
PU237 NRG TENDL-2015, AKONING  
protons from (n,npa)



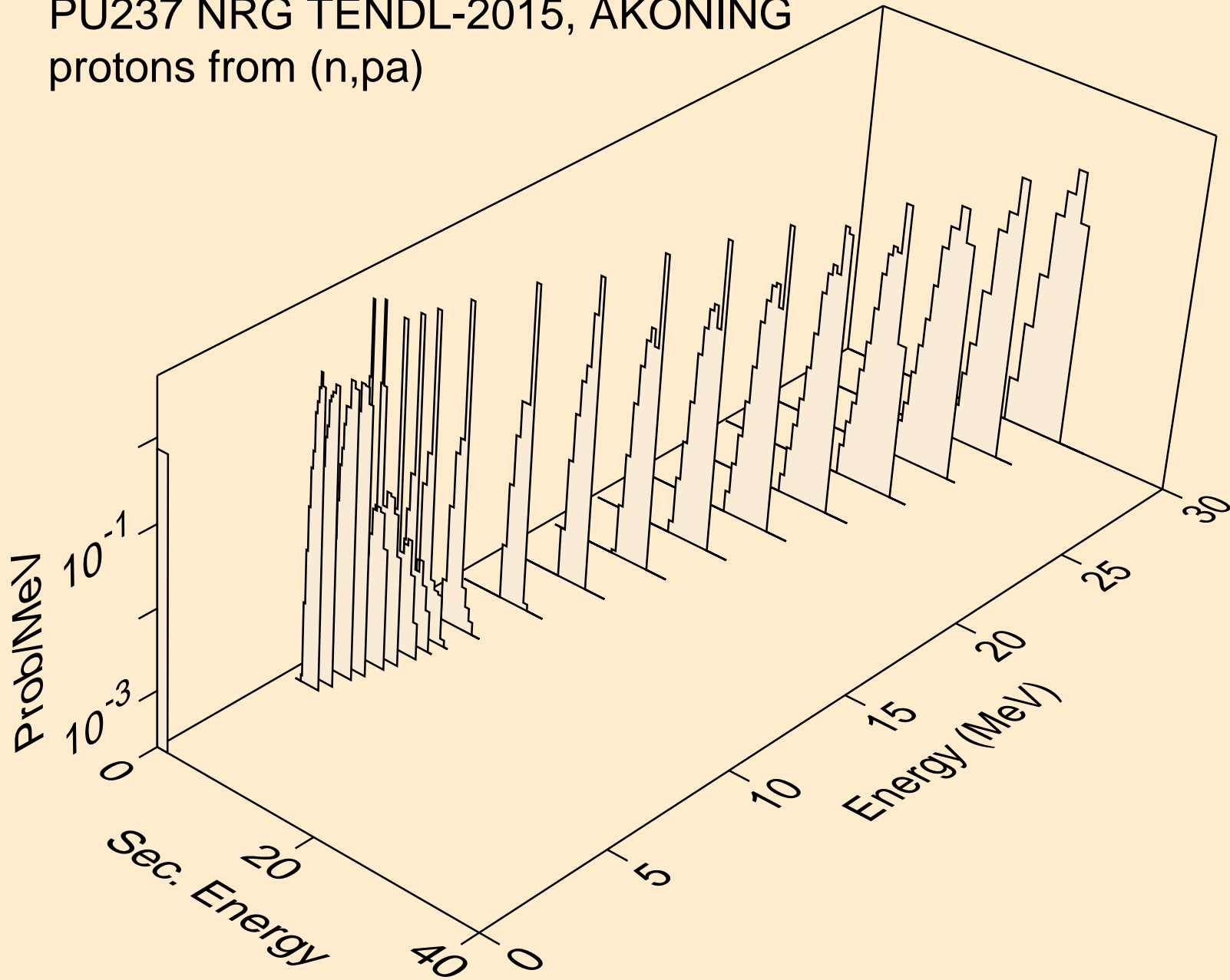
PU237 NRG TENDL-2015, AKONING  
protons from (n,p)



PU237 NRG TENDL-2015, AKONING  
protons from (n,2p)

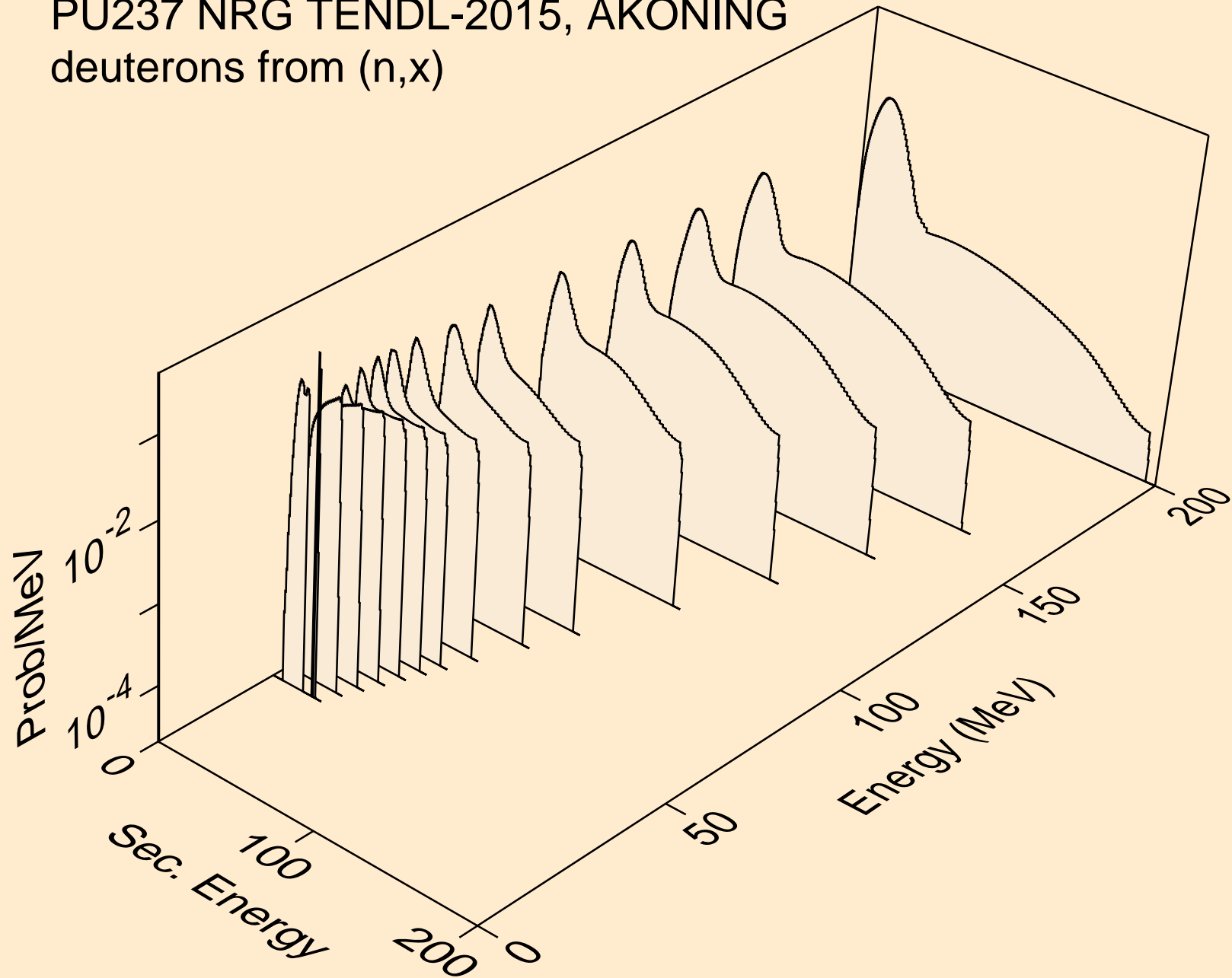


PU237 NRG TENDL-2015, AKONING  
protons from (n,pa)

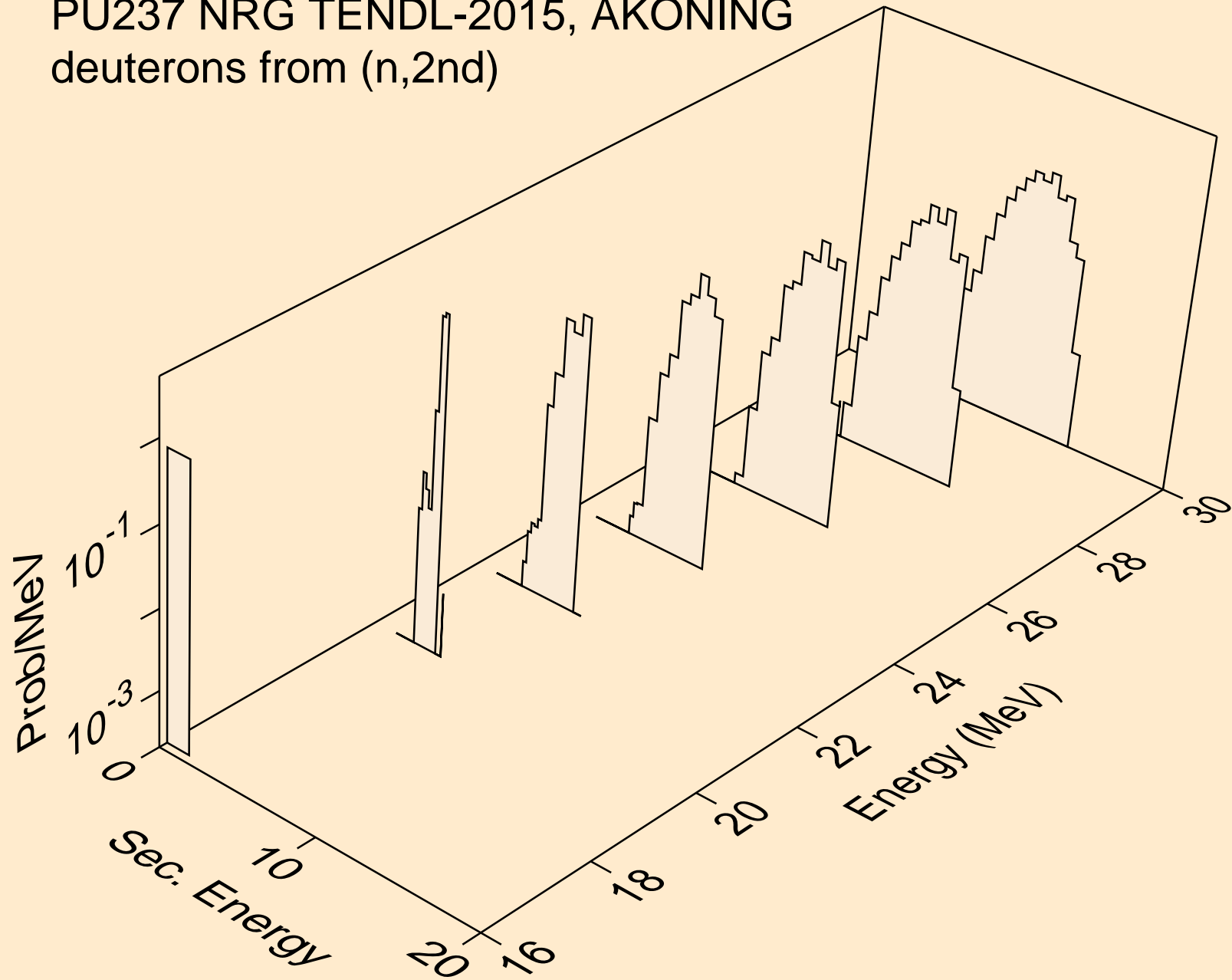




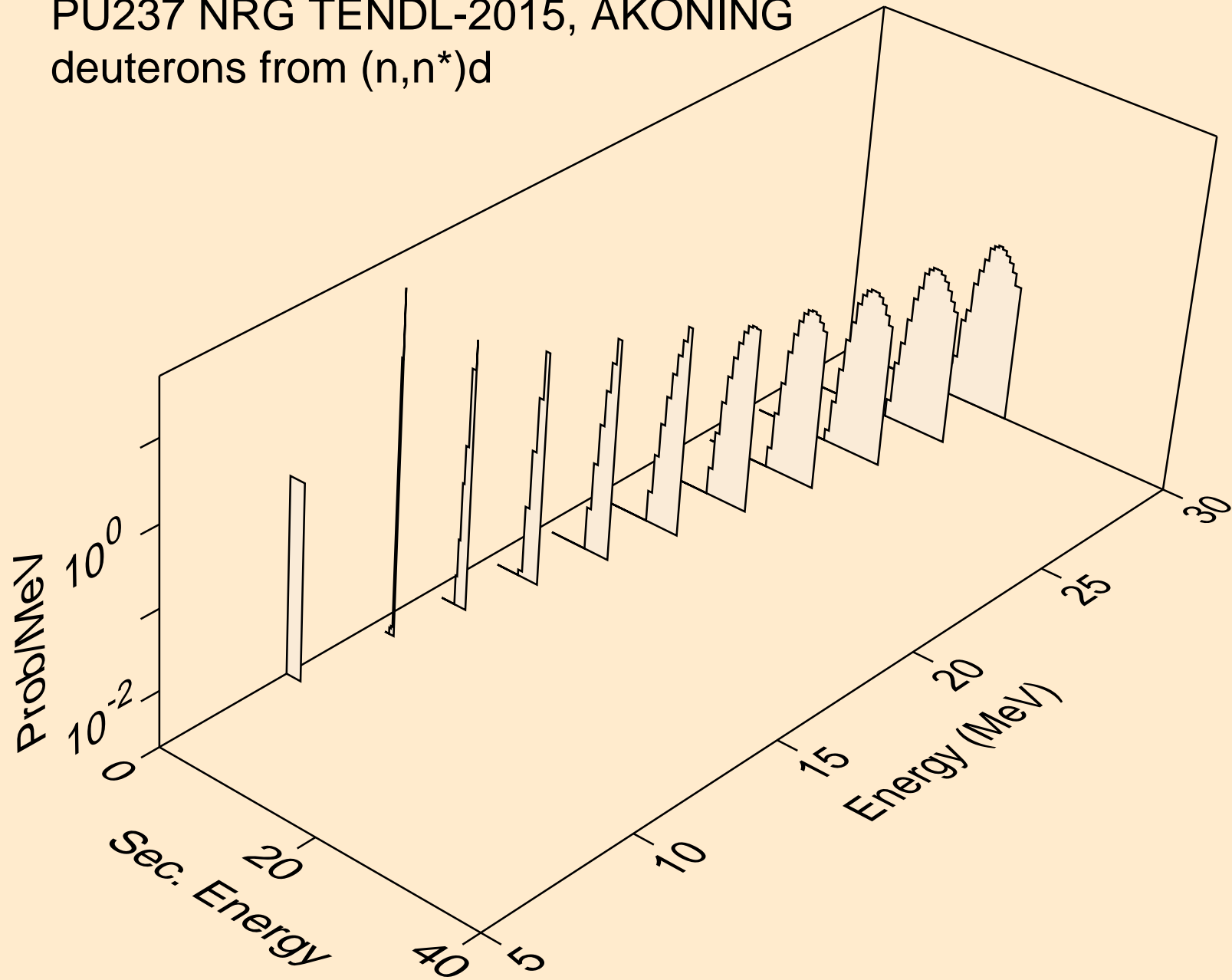
PU237 NRG TENDL-2015, AKONING  
deuterons from (n,x)



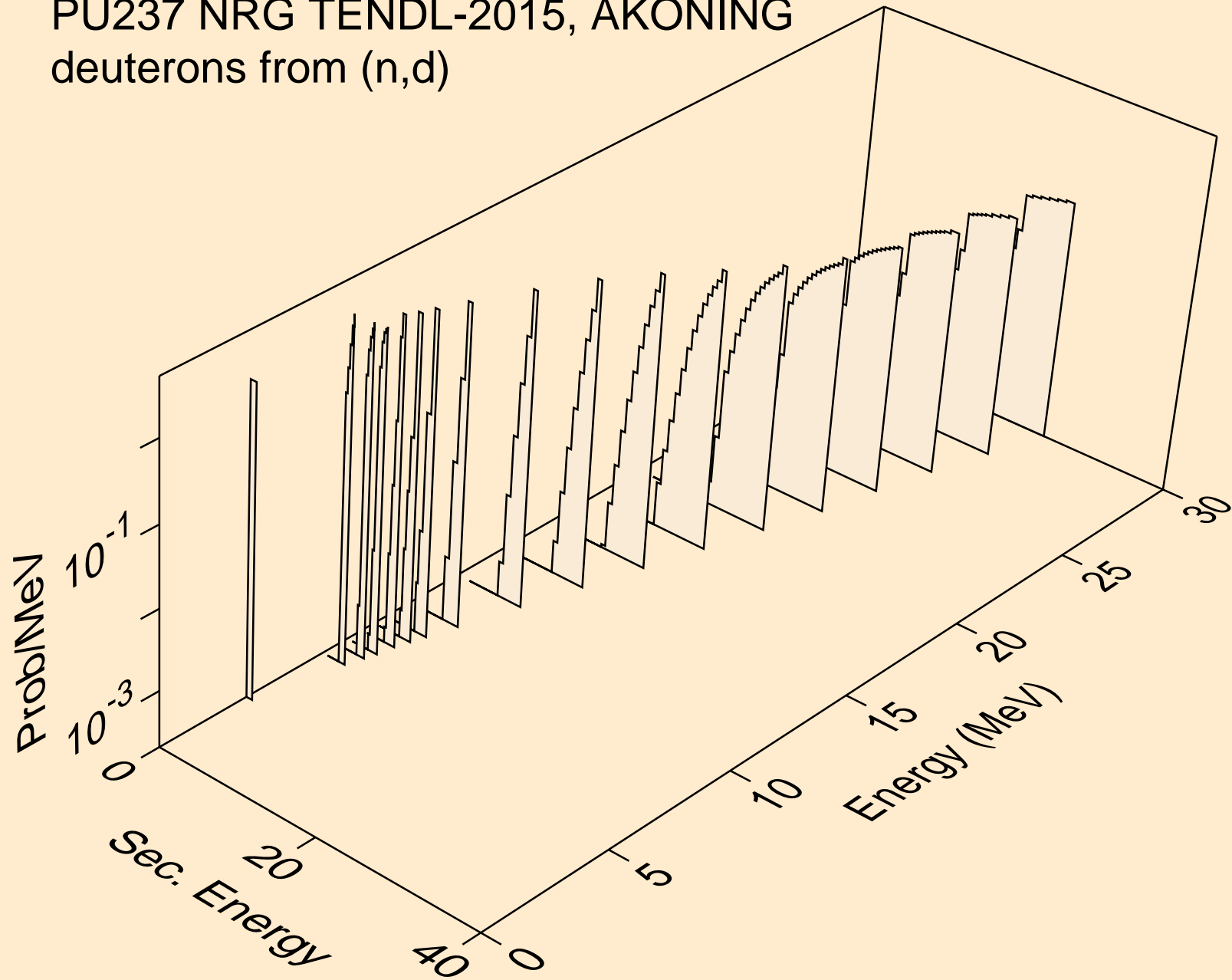
PU237 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



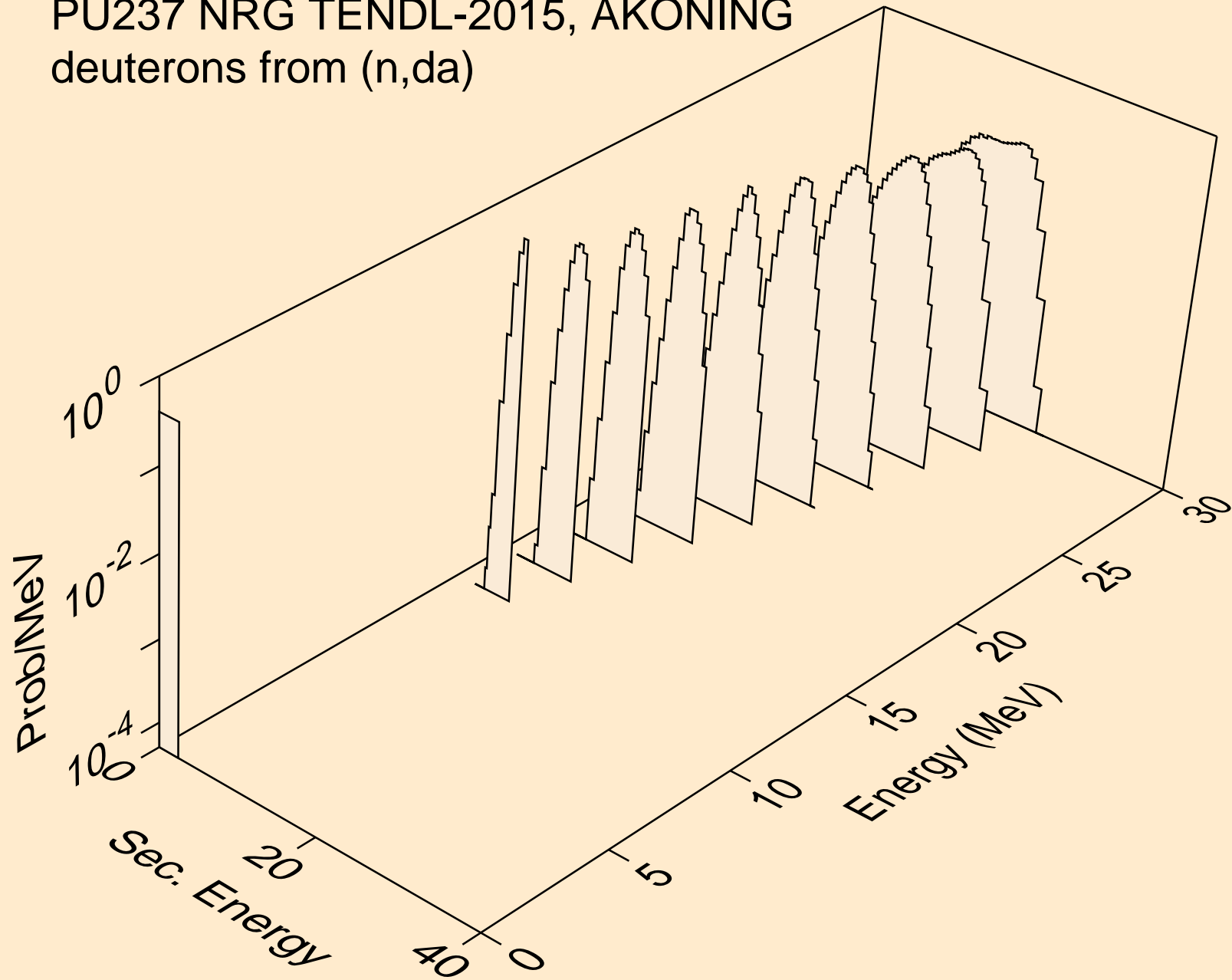
PU237 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



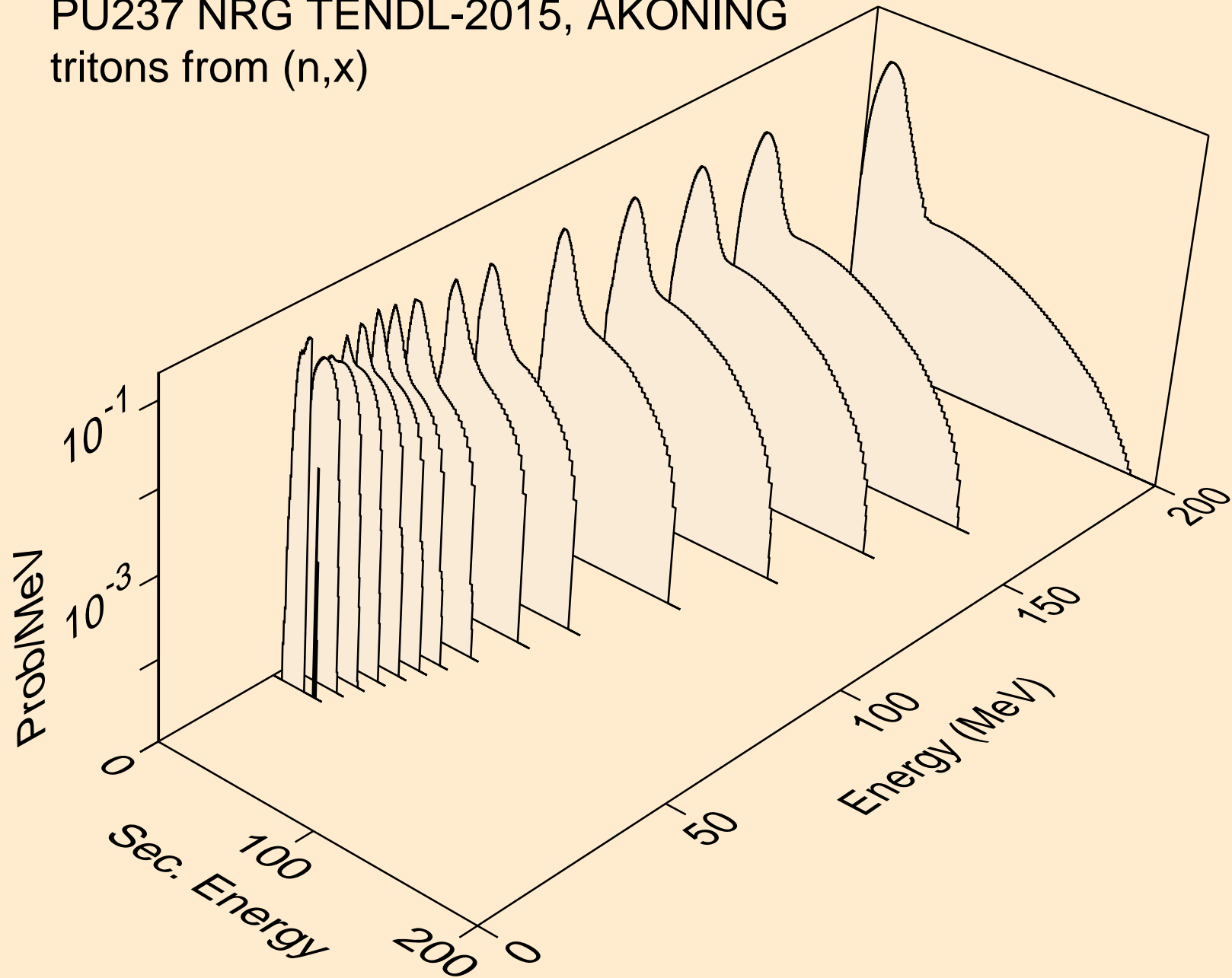
PU237 NRG TENDL-2015, AKONING  
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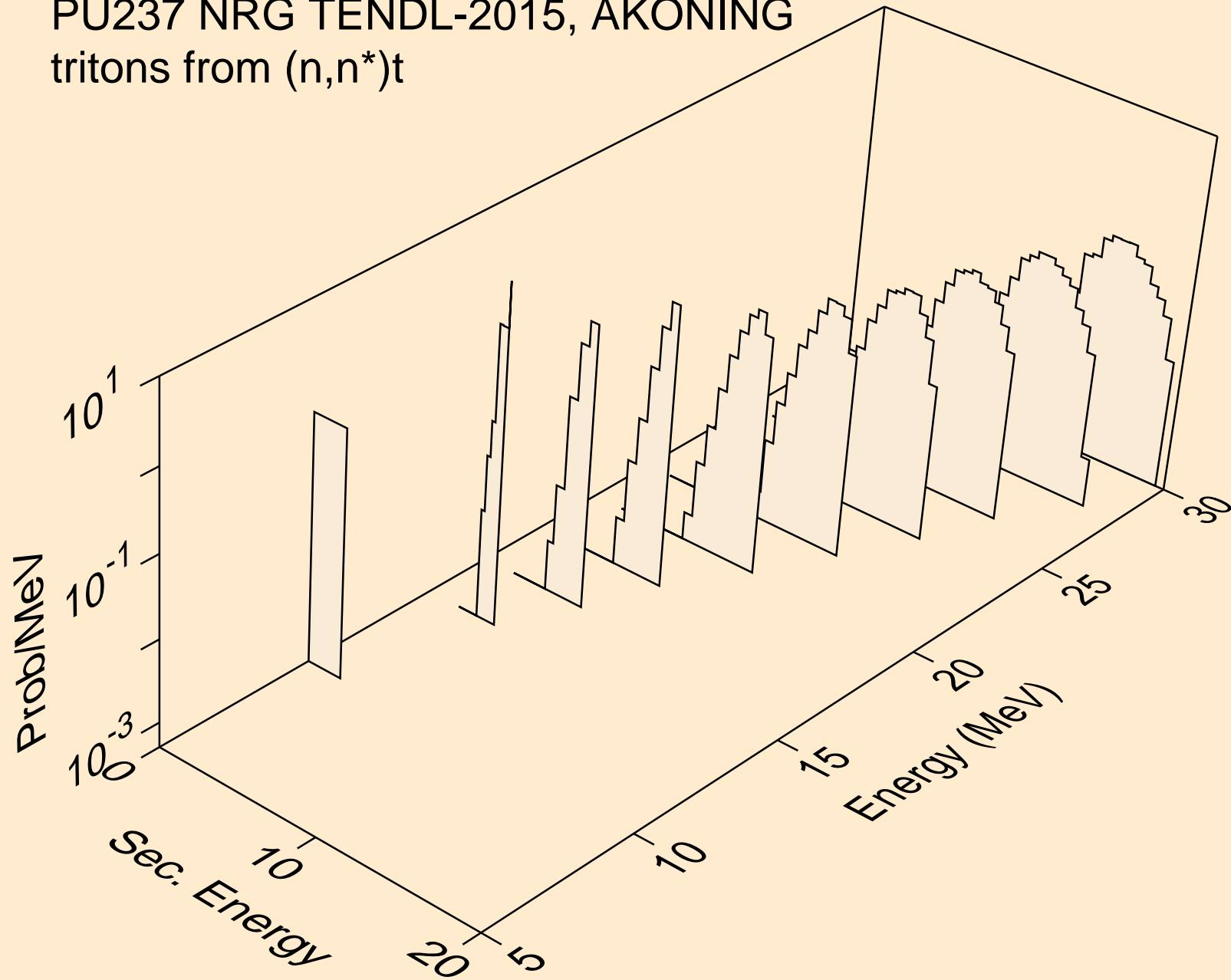
PU237 NRG TENDL-2015, AKONING  
deuterons from (n,da)



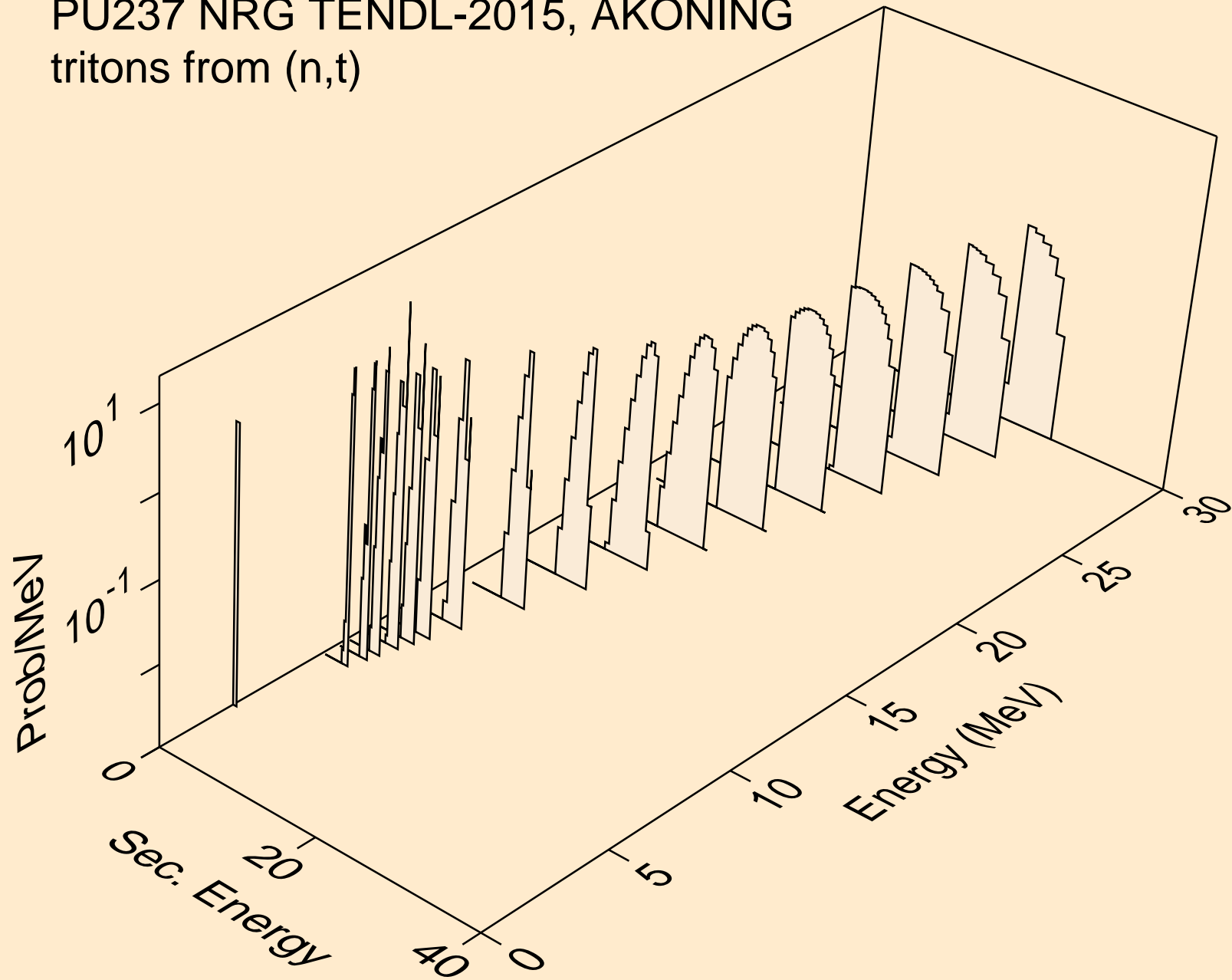
PU237 NRG TENDL-2015, AKONING  
tritons from (n,x)



PU237 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t

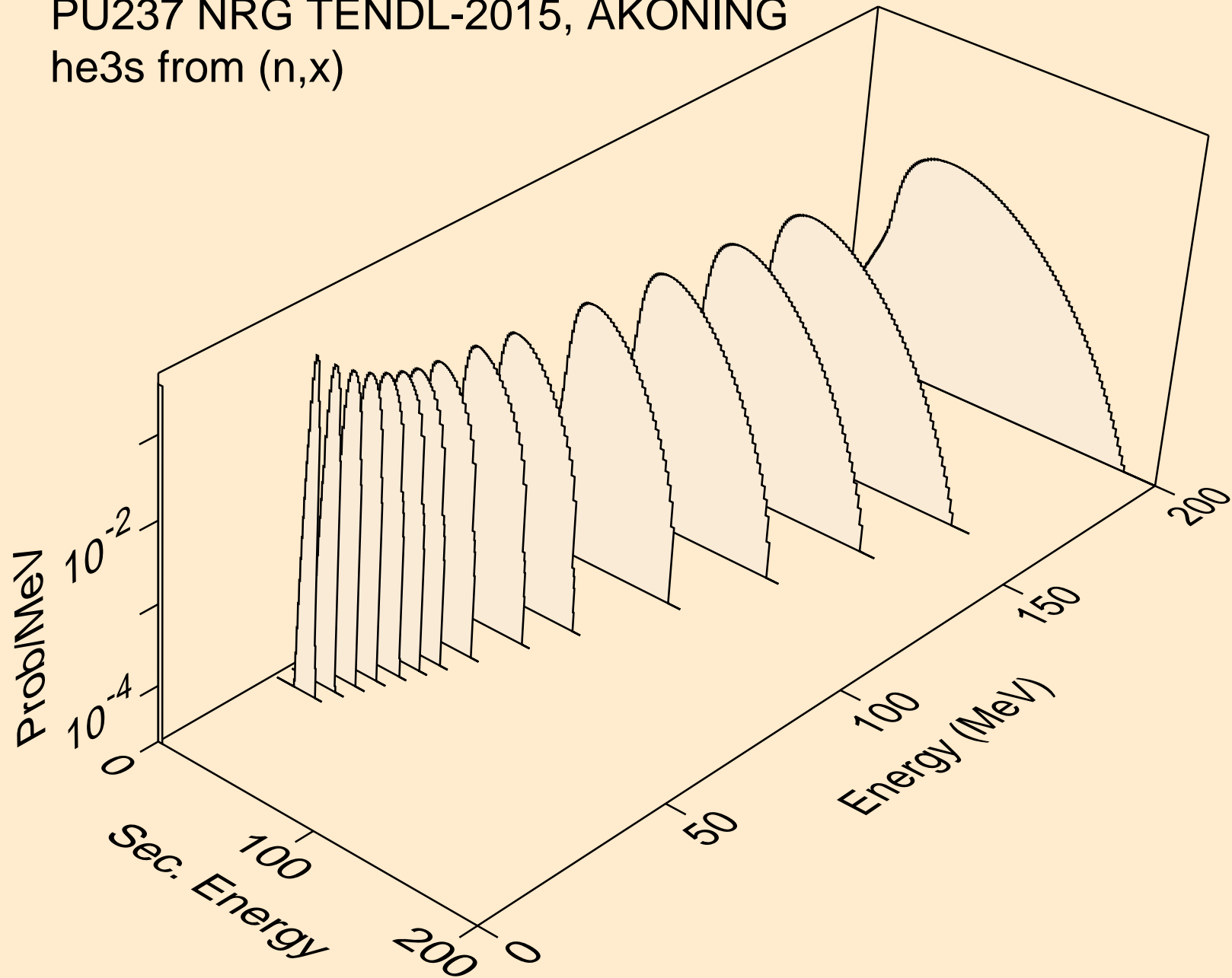


PU237 NRG TENDL-2015, AKONING  
tritons from (n,t)

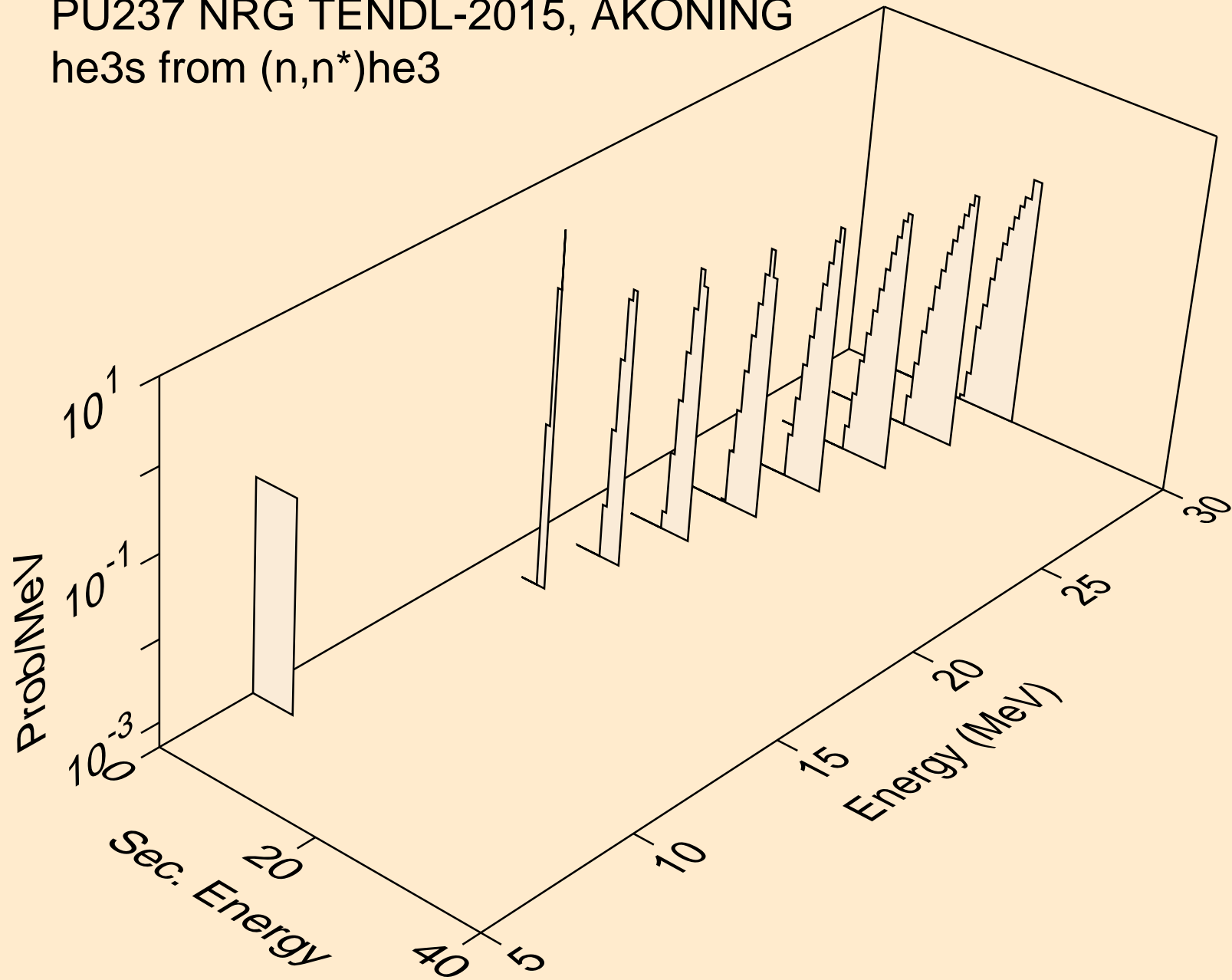




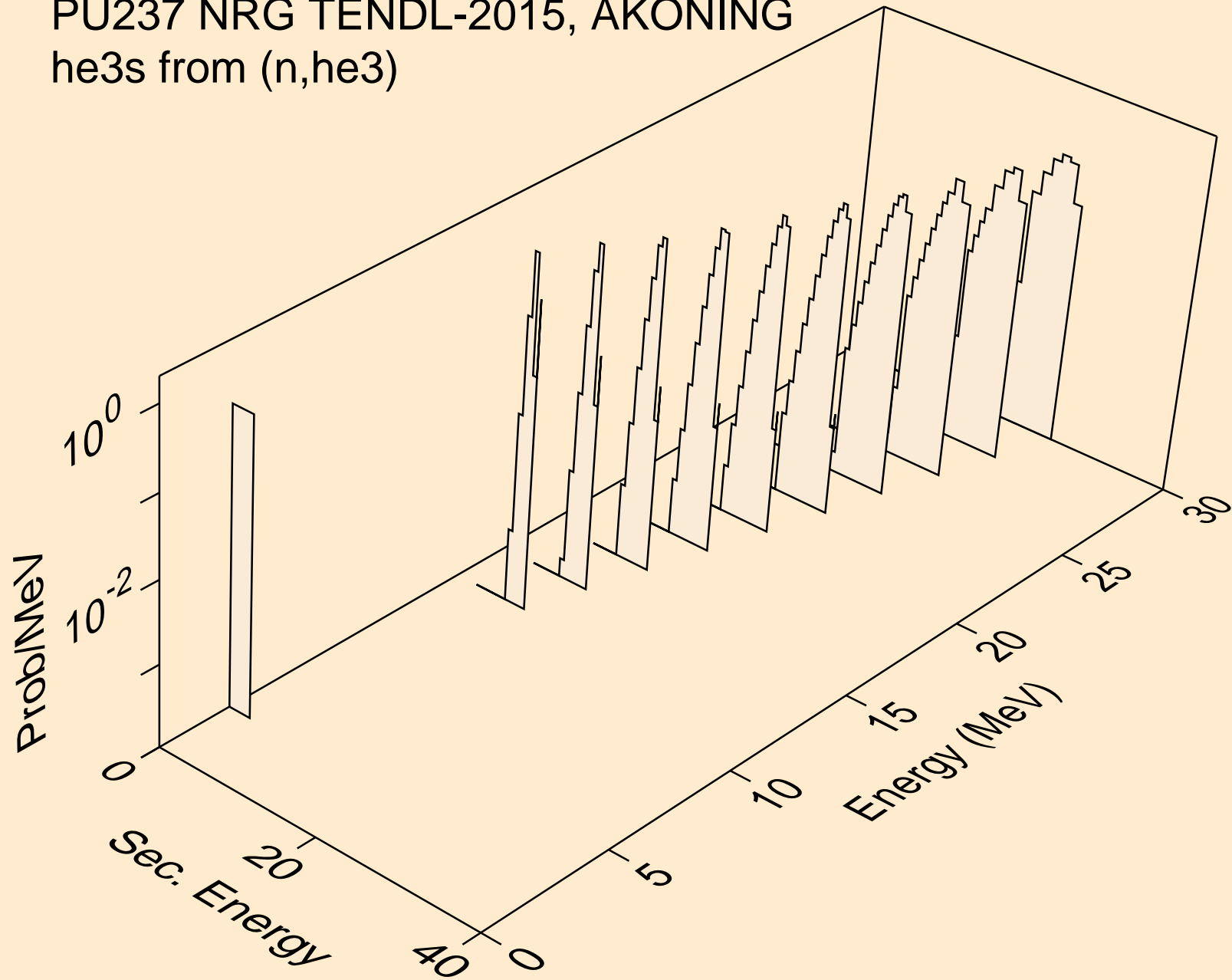
PU237 NRG TENDL-2015, AKONING  
he3s from (n,x)



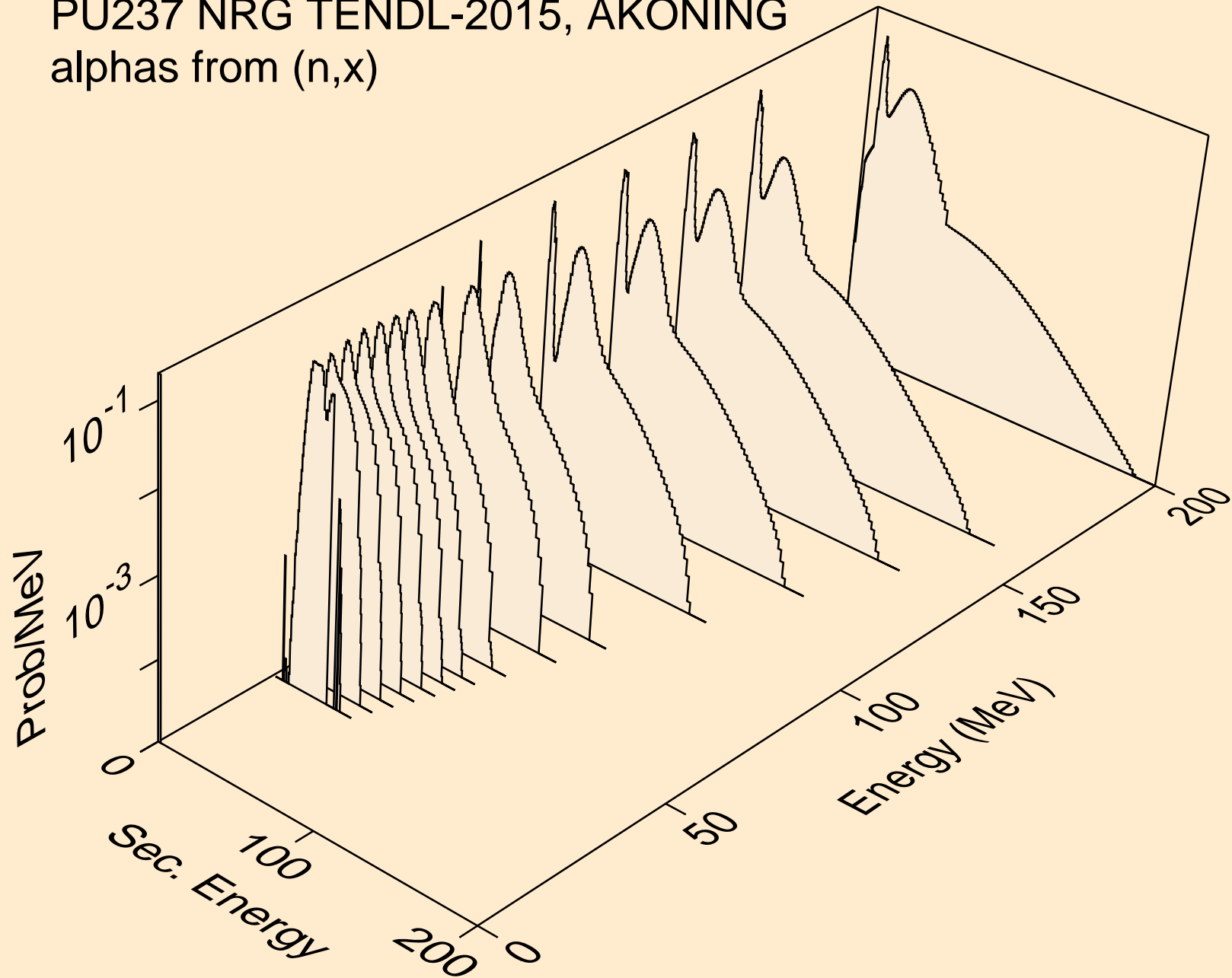
PU237 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



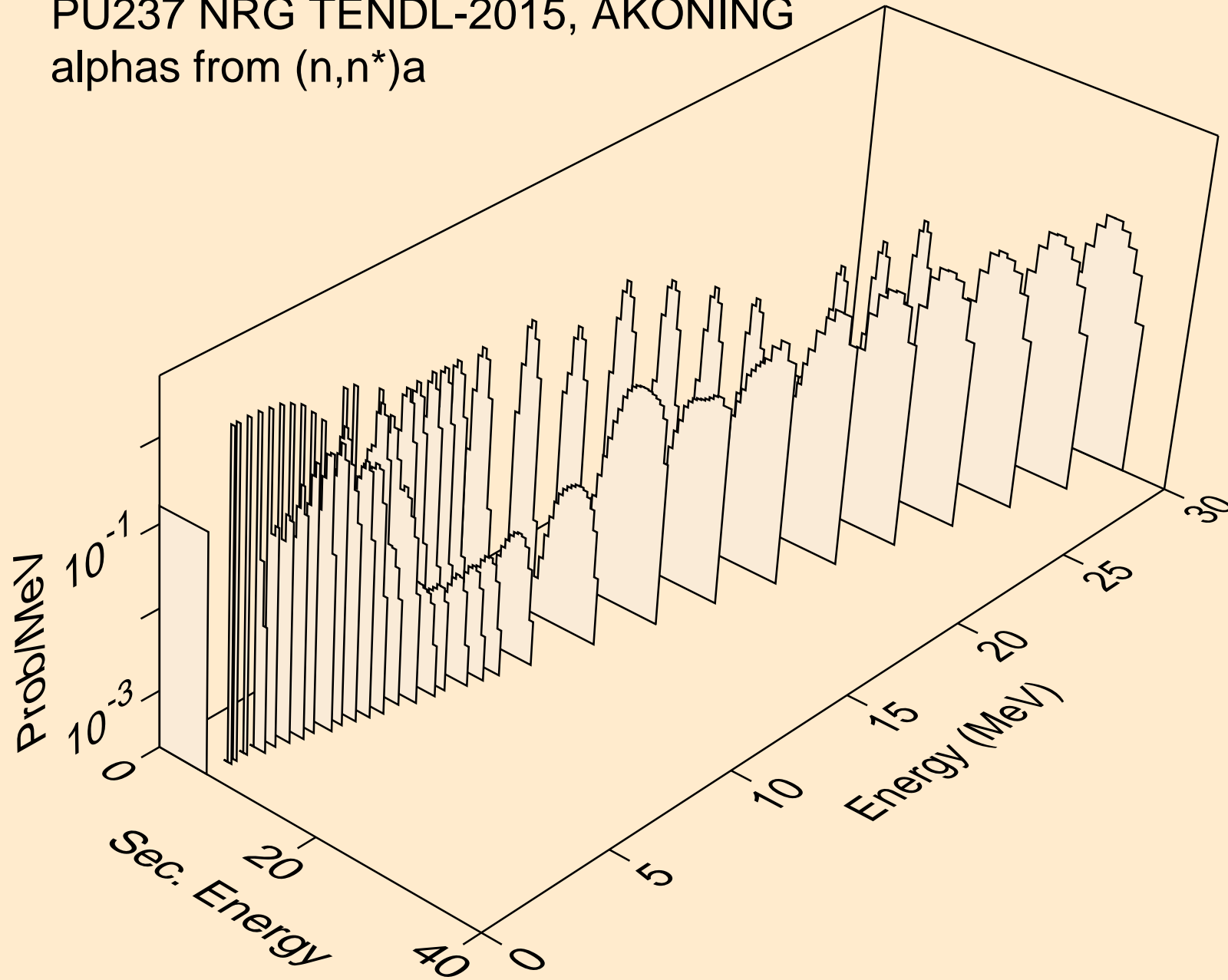
PU237 NRG TENDL-2015, AKONING  
he3s from (n,he3)



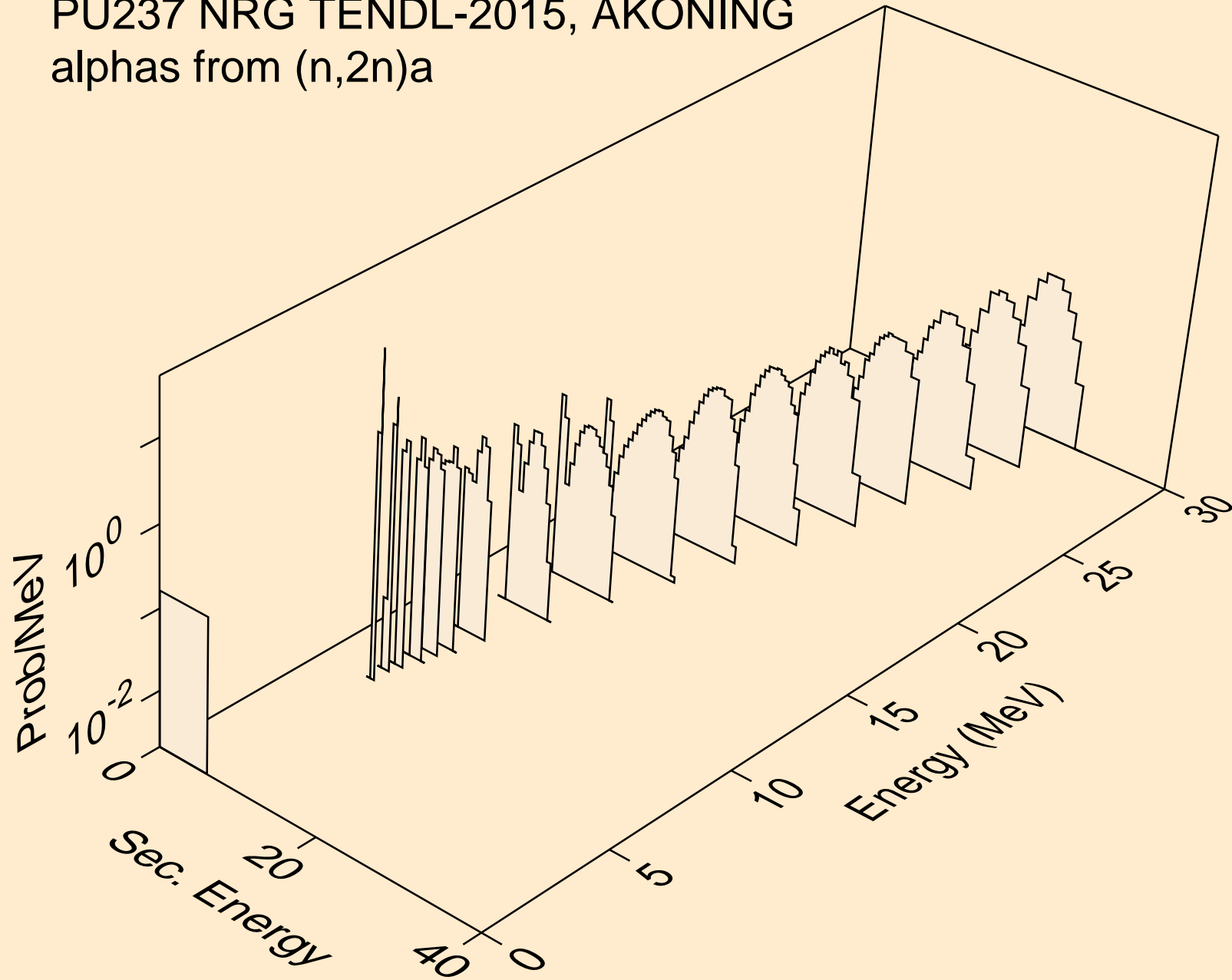
PU237 NRG TENDL-2015, AKONING  
alphas from (n,x)



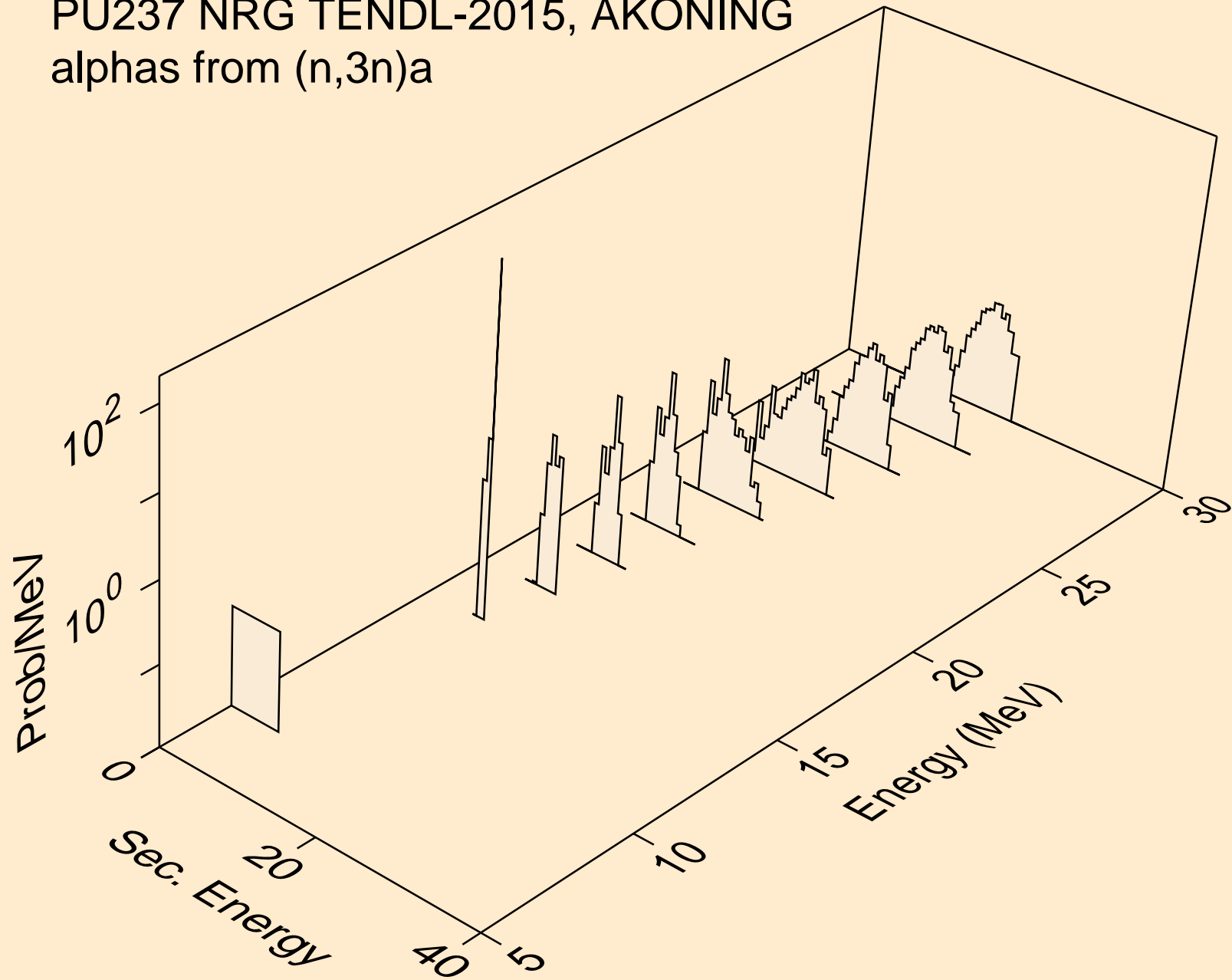
PU237 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



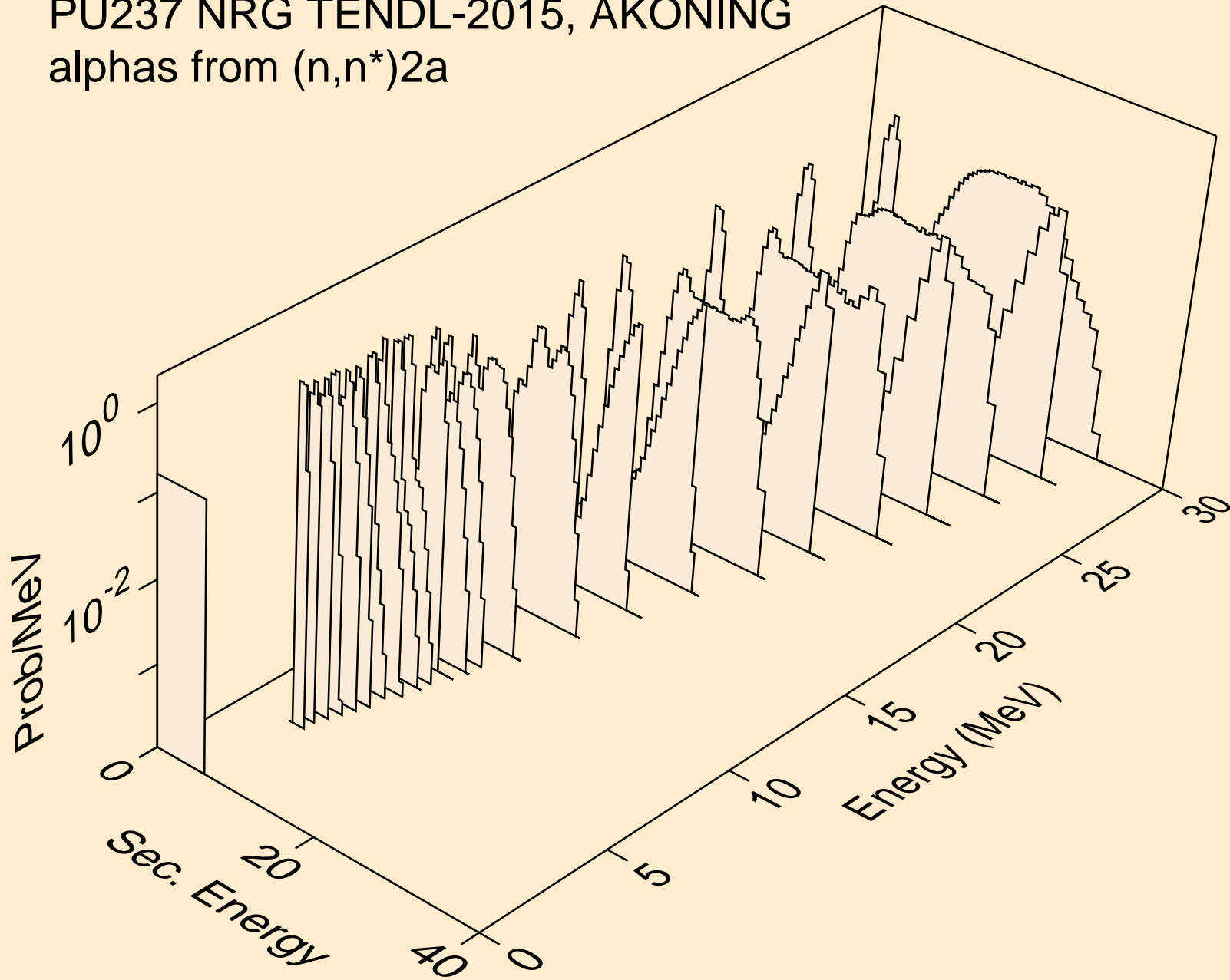
PU237 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



PU237 NRG TENDL-2015, AKONING  
alphas from (n,3n)a

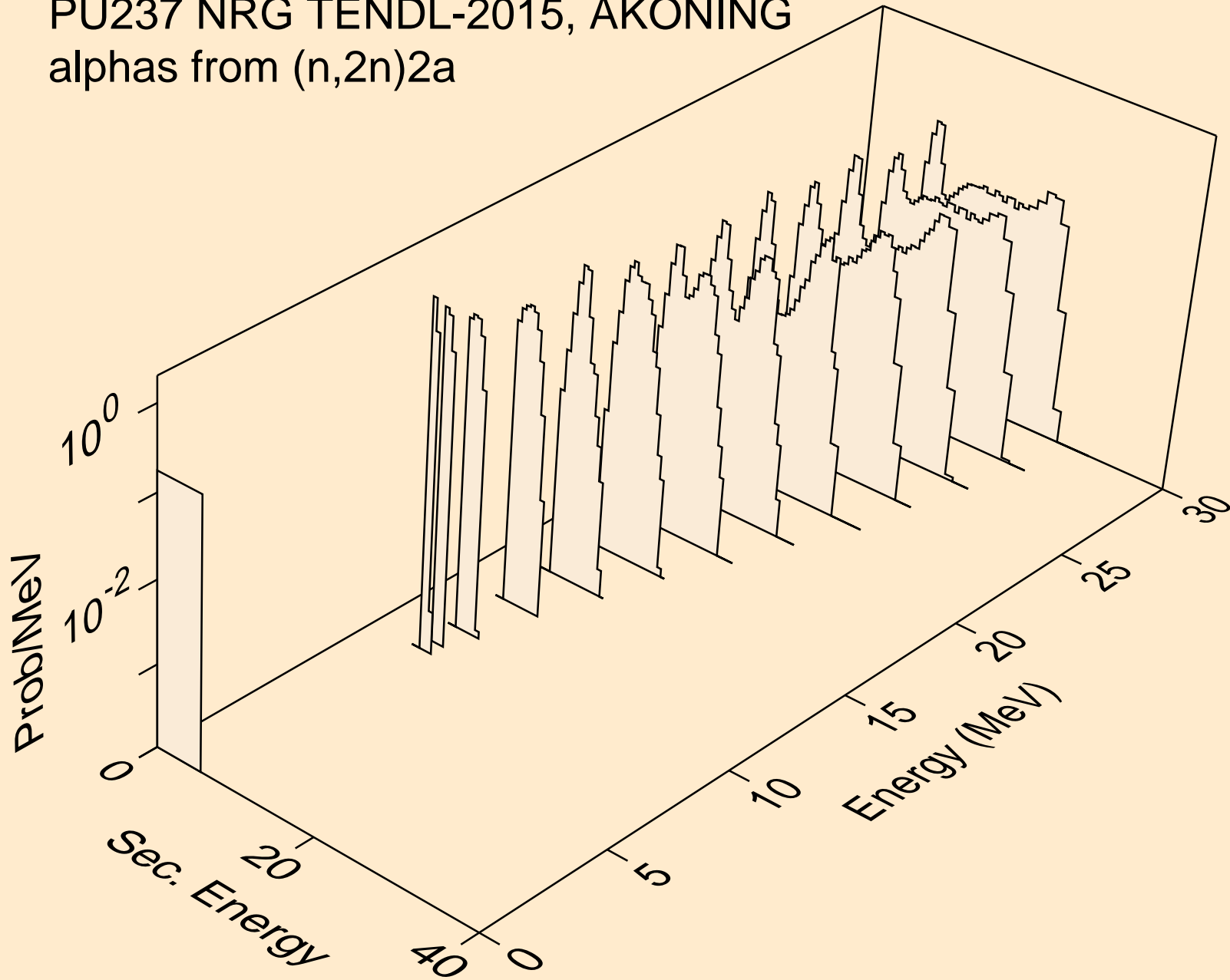


PU237 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a

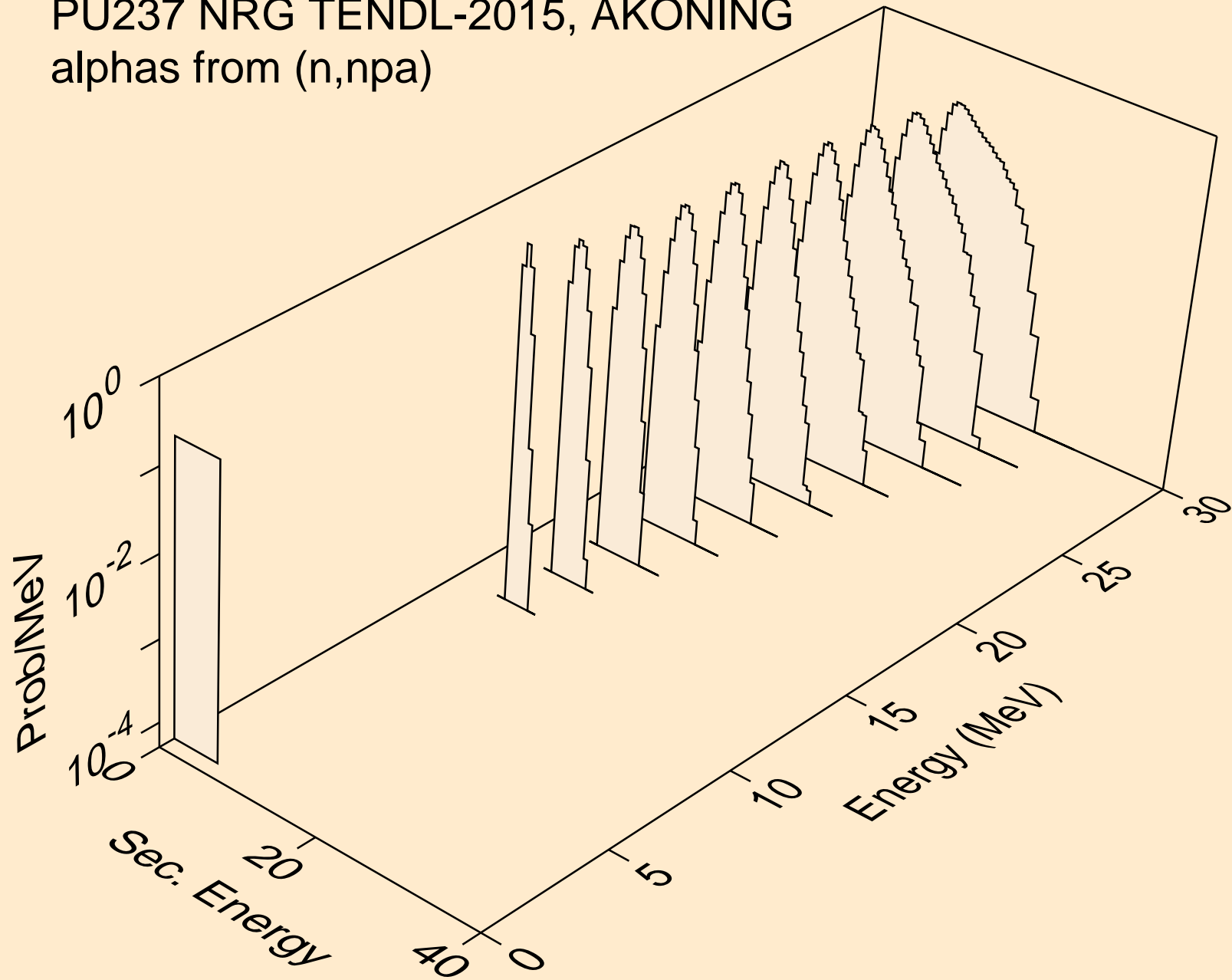




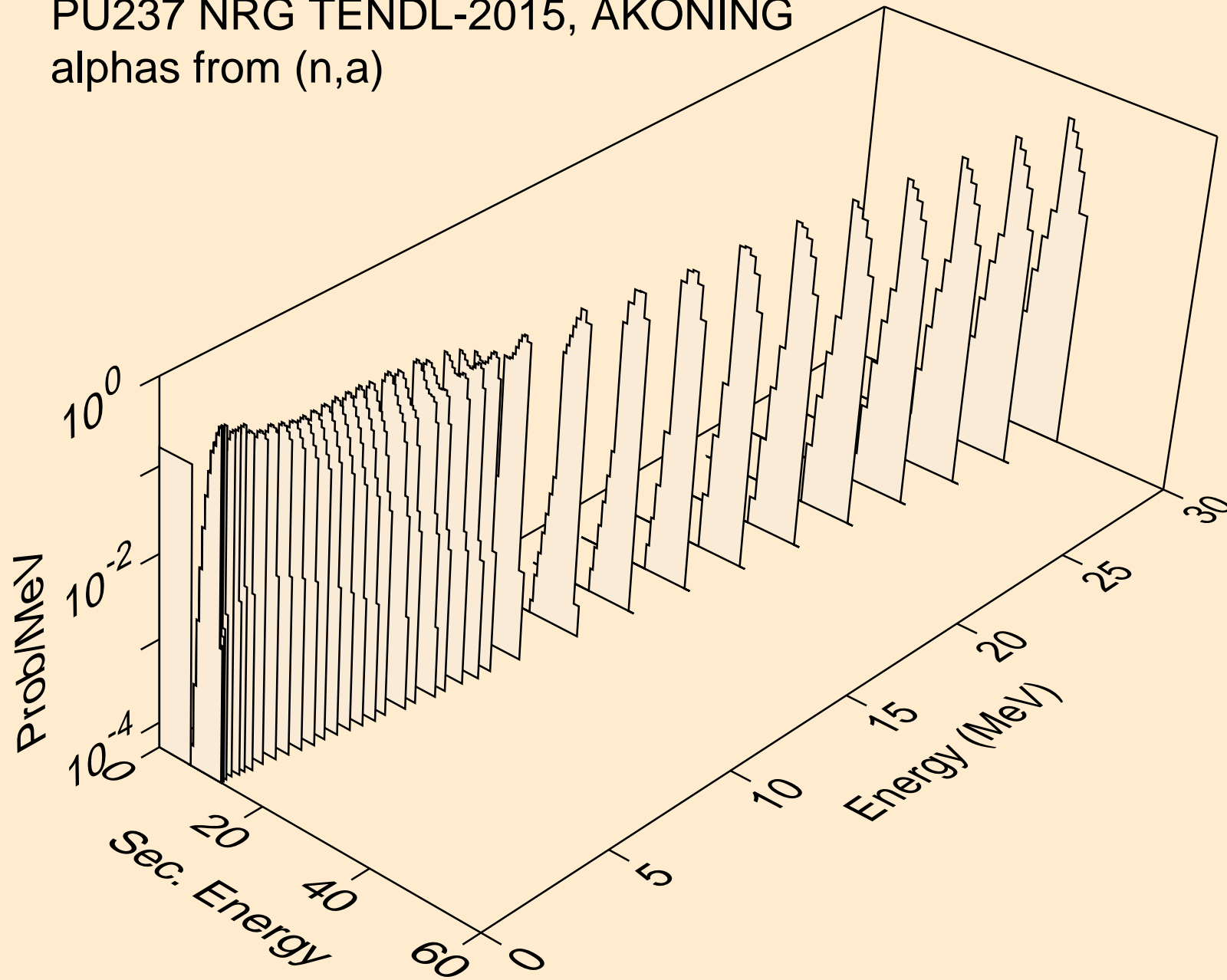
PU237 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



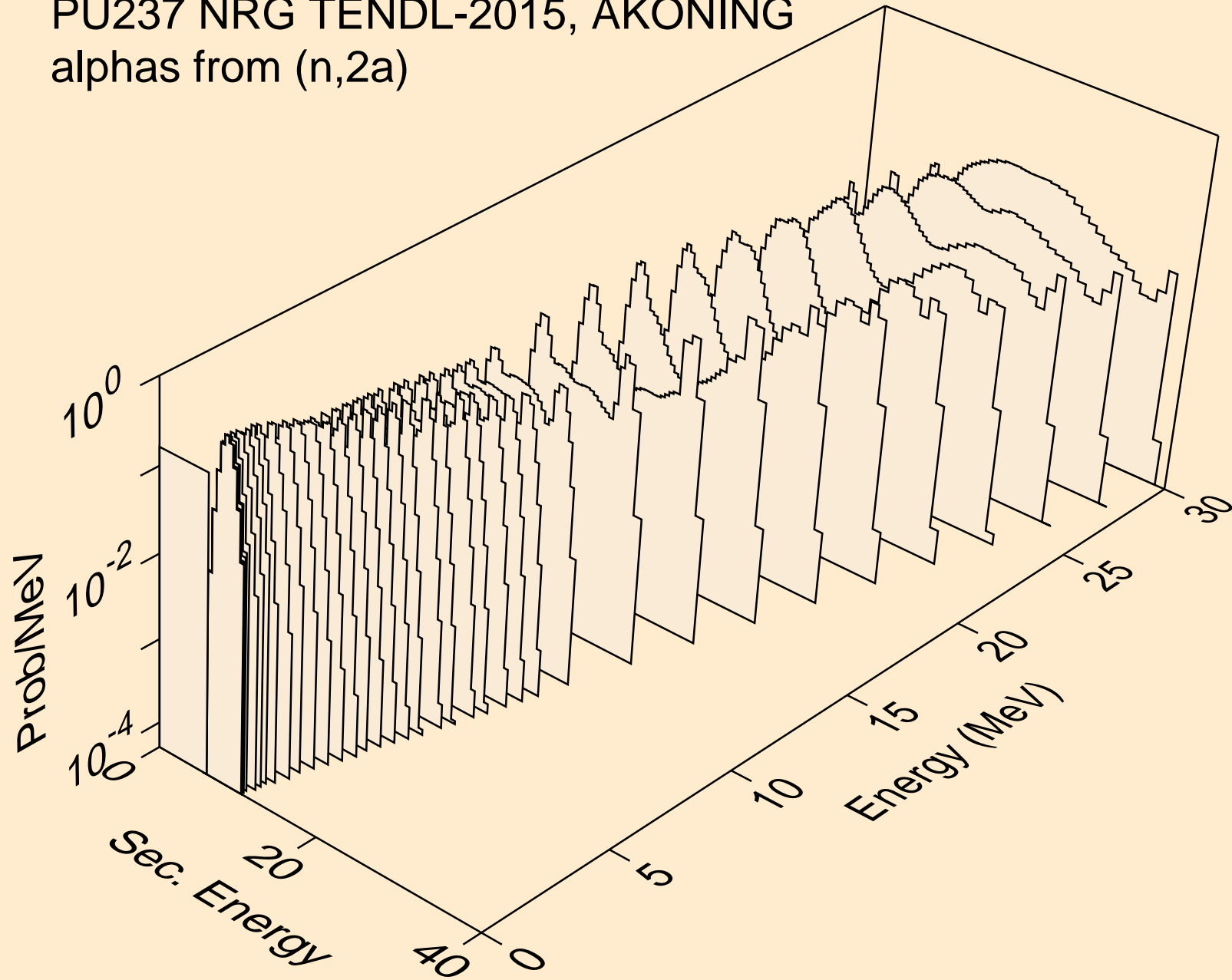
PU237 NRG TENDL-2015, AKONING  
alphas from (n,npa)



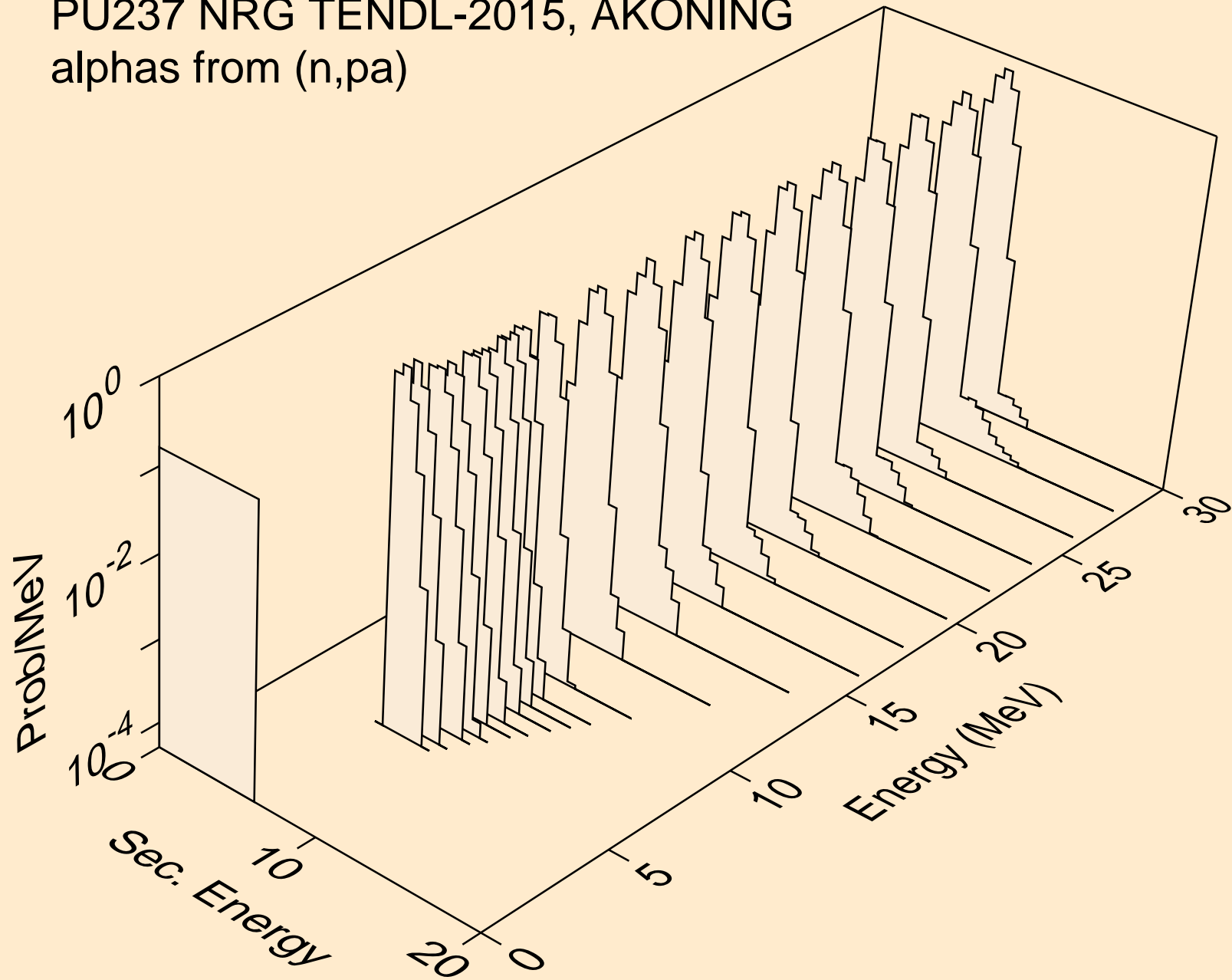
PU237 NRG TENDL-2015, AKONING  
alphas from (n,a)



PU237 NRG TENDL-2015, AKONING  
alphas from (n,2a)



PU237 NRG TENDL-2015, AKONING  
alphas from (n,pa)



PU237 NRG TENDL-2015, AKONING  
alphas from (n,da)

