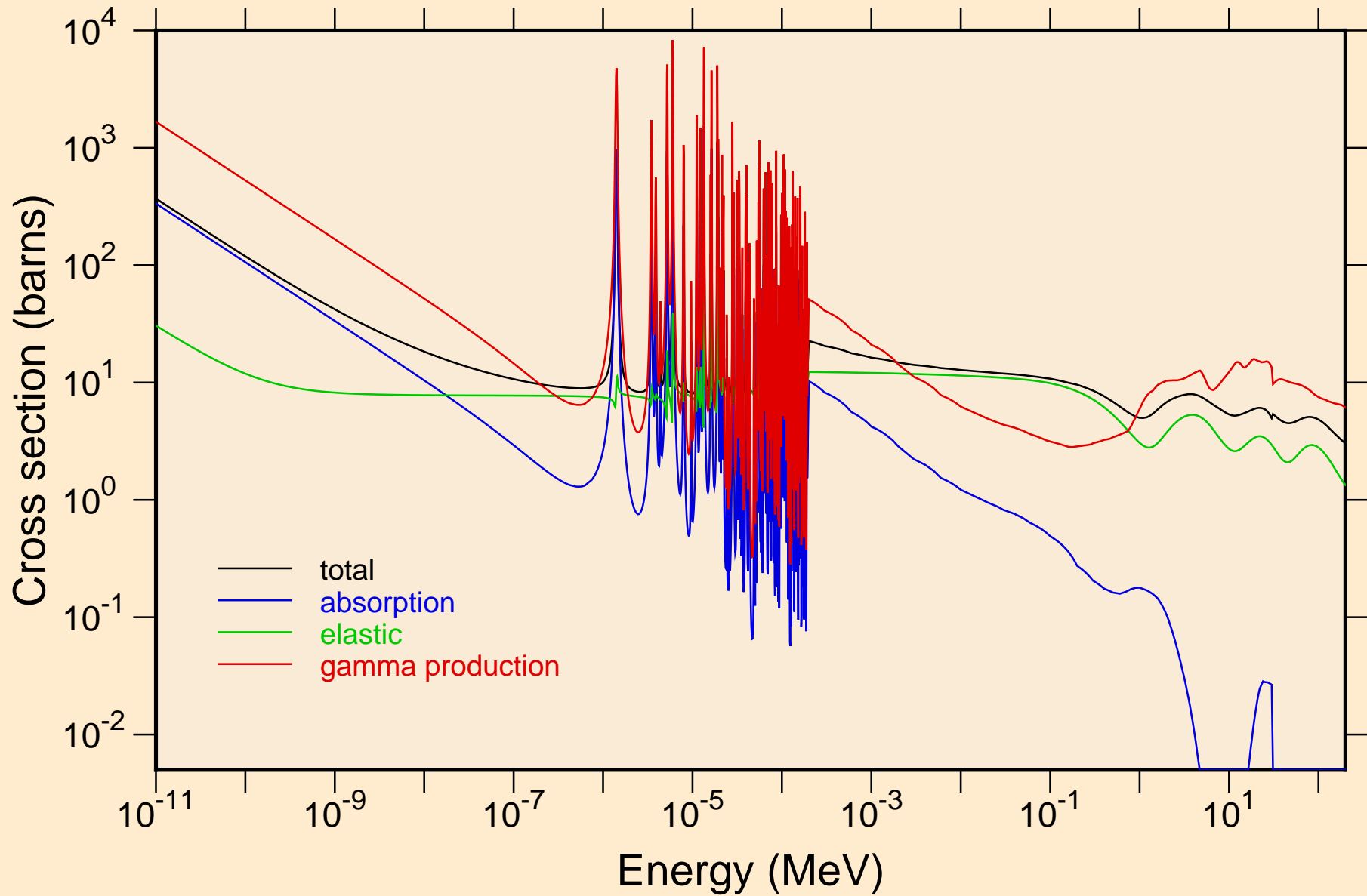
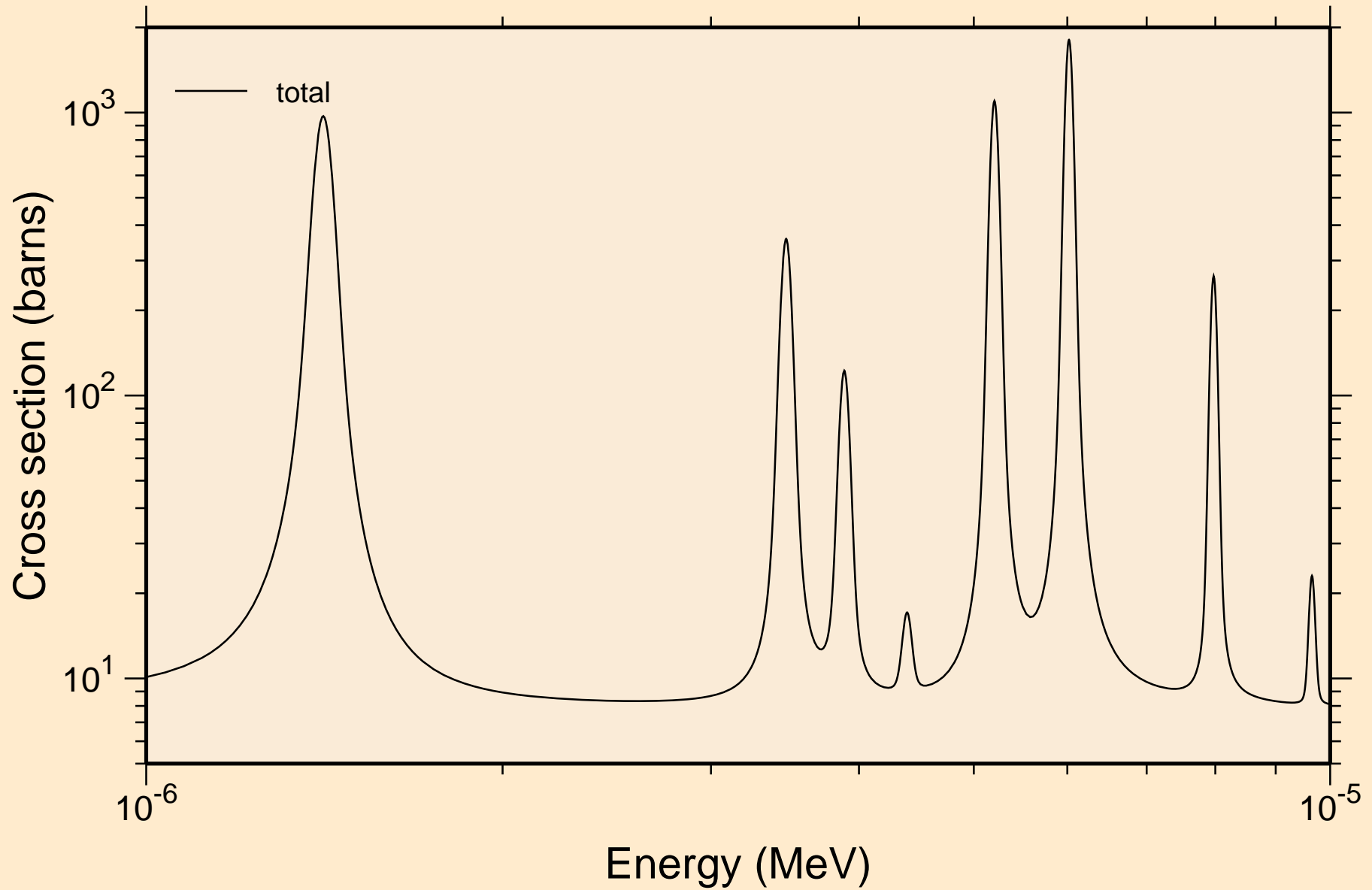


# RA227 NRG TENDL-2015, AKONING

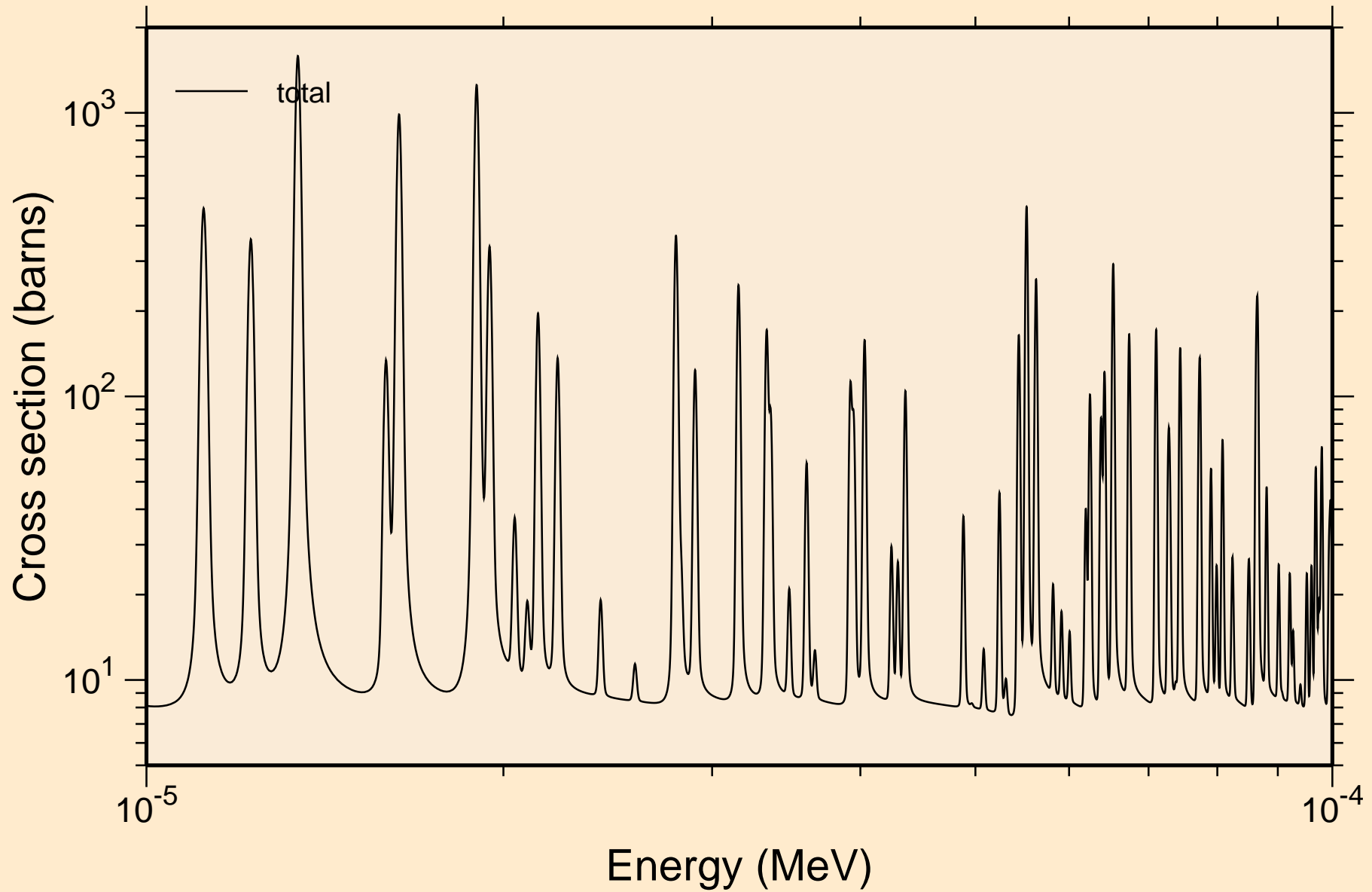
## Principal cross sections



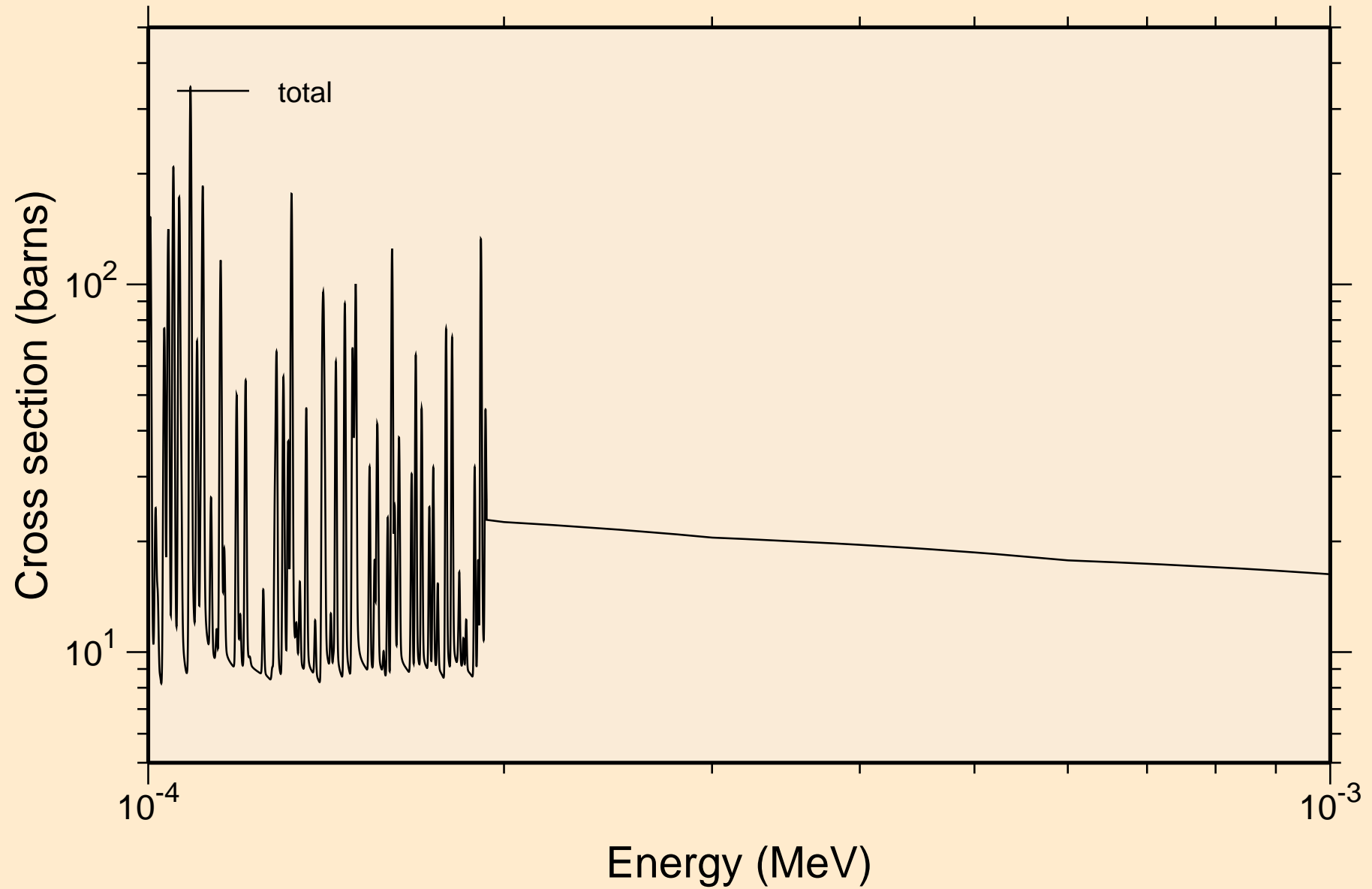
RA227 NRG TENDL-2015, AKONING  
resonance total cross section



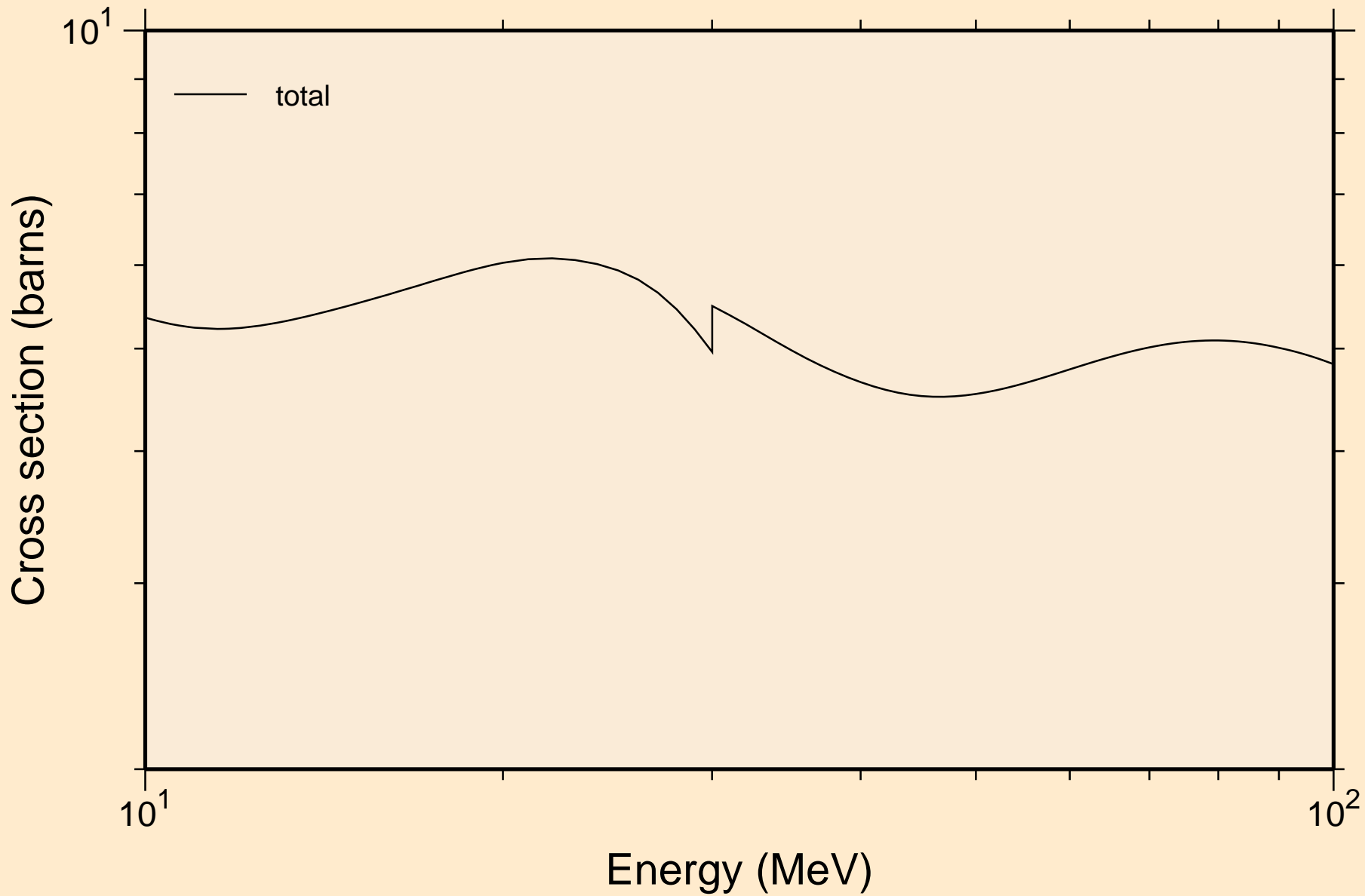
RA227 NRG TENDL-2015, AKONING  
resonance total cross section



RA227 NRG TENDL-2015, AKONING  
resonance total cross section

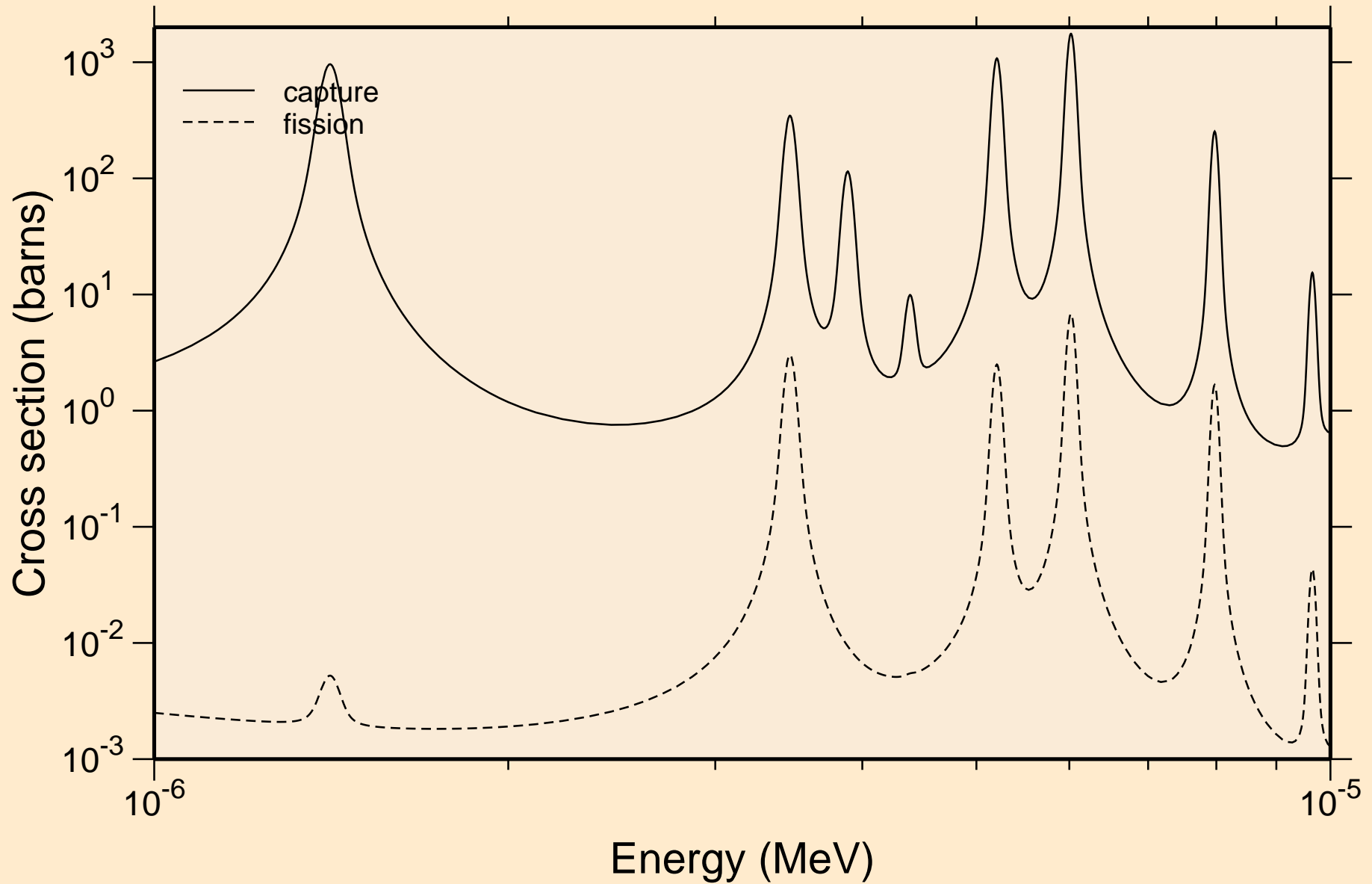


RA227 NRG TENDL-2015, AKONING  
resonance total cross section



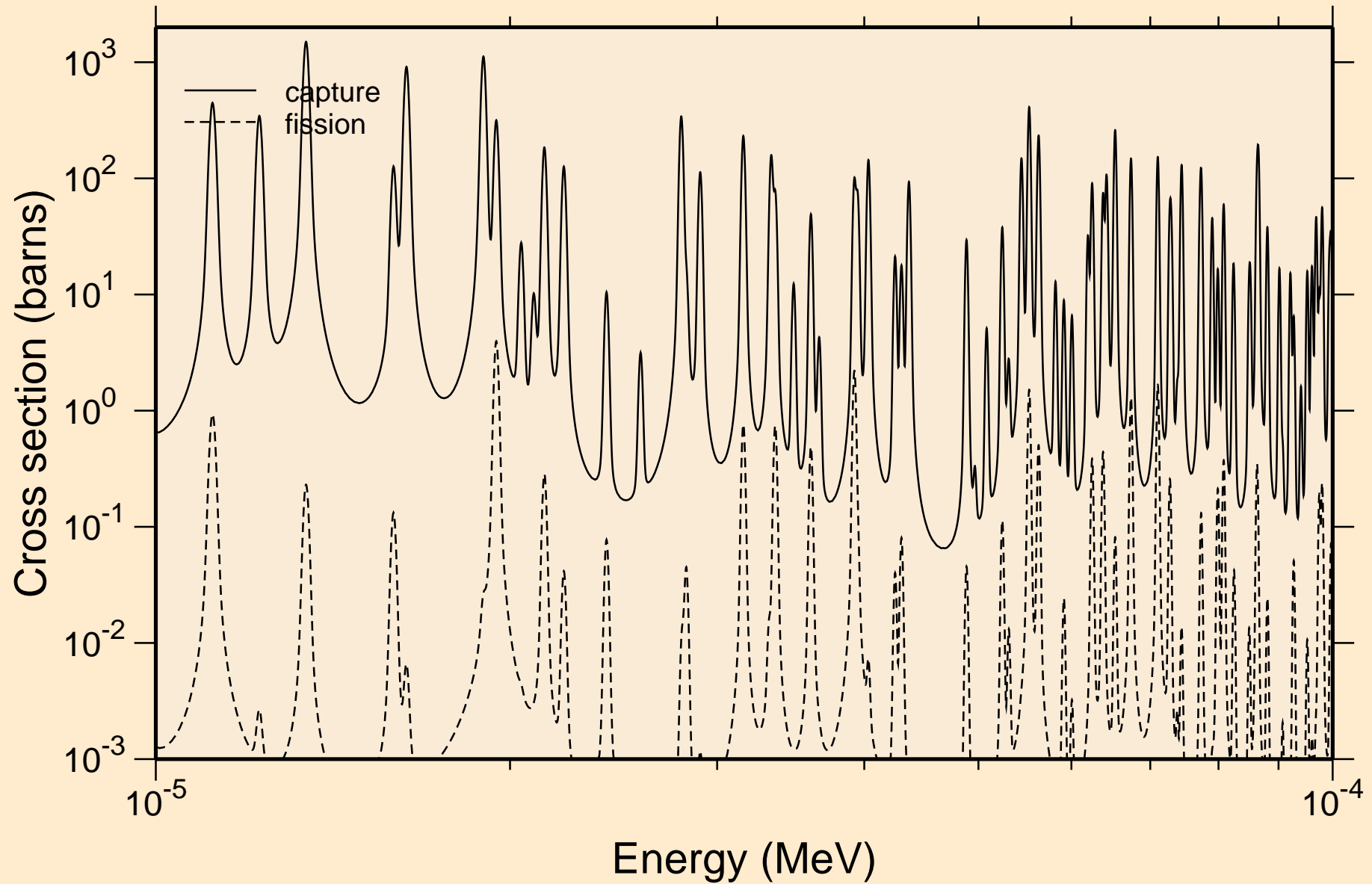
# RA227 NRG TENDL-2015, AKONING

## resonance absorption cross sections

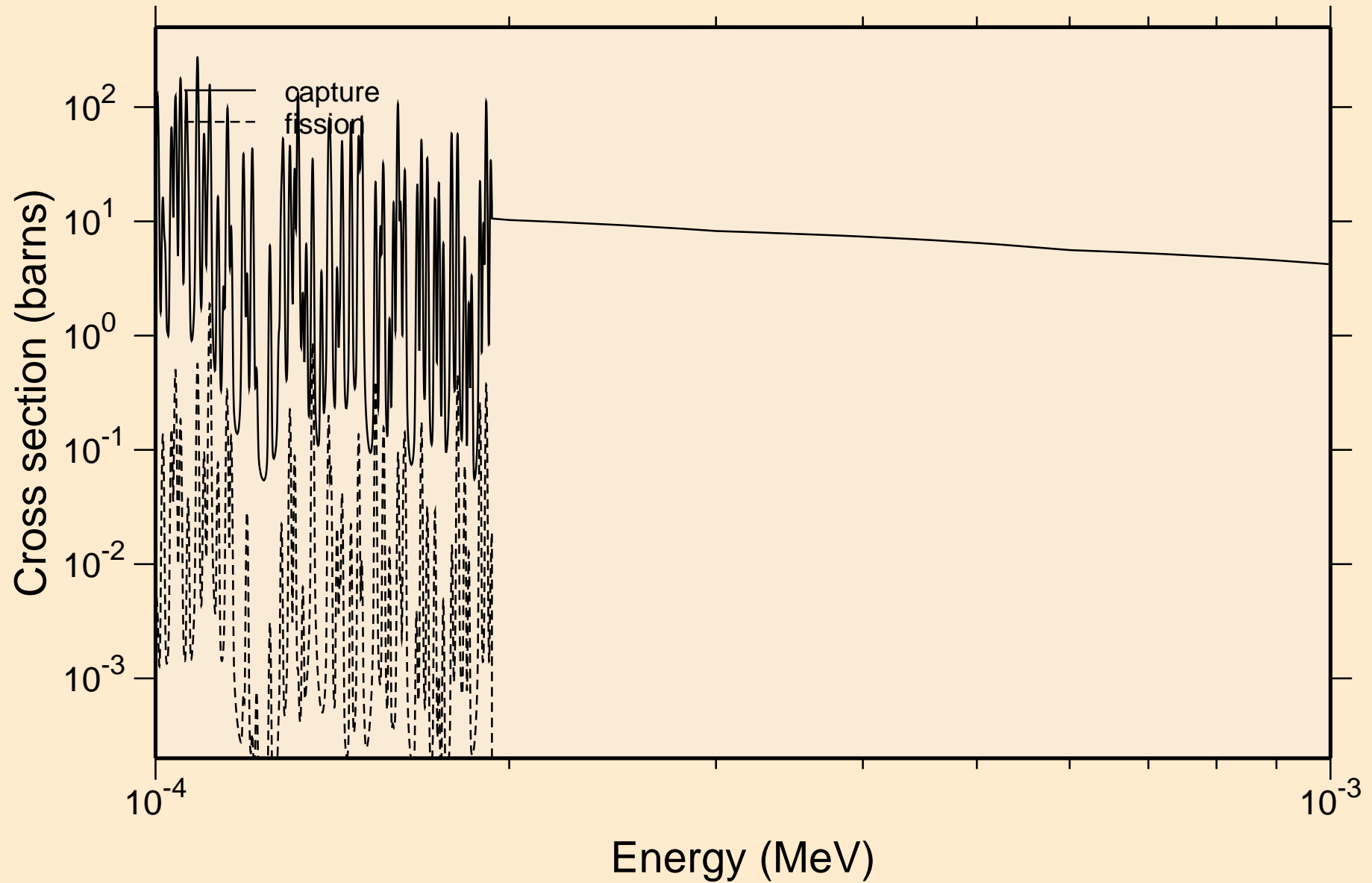


# RA227 NRG TENDL-2015, AKONING

## resonance absorption cross sections

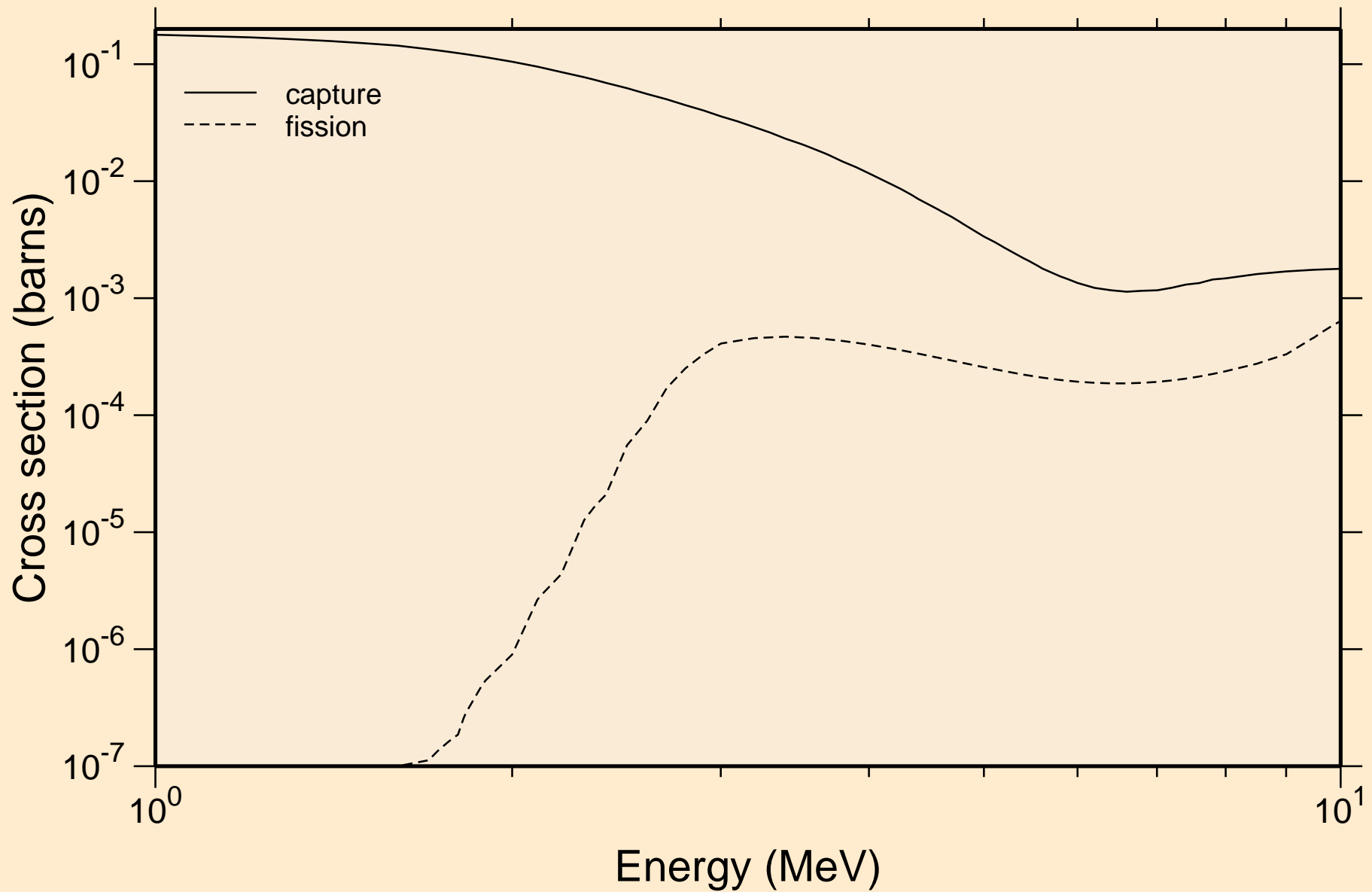


RA227 NRG TENDL-2015, AKONING  
resonance absorption cross sections



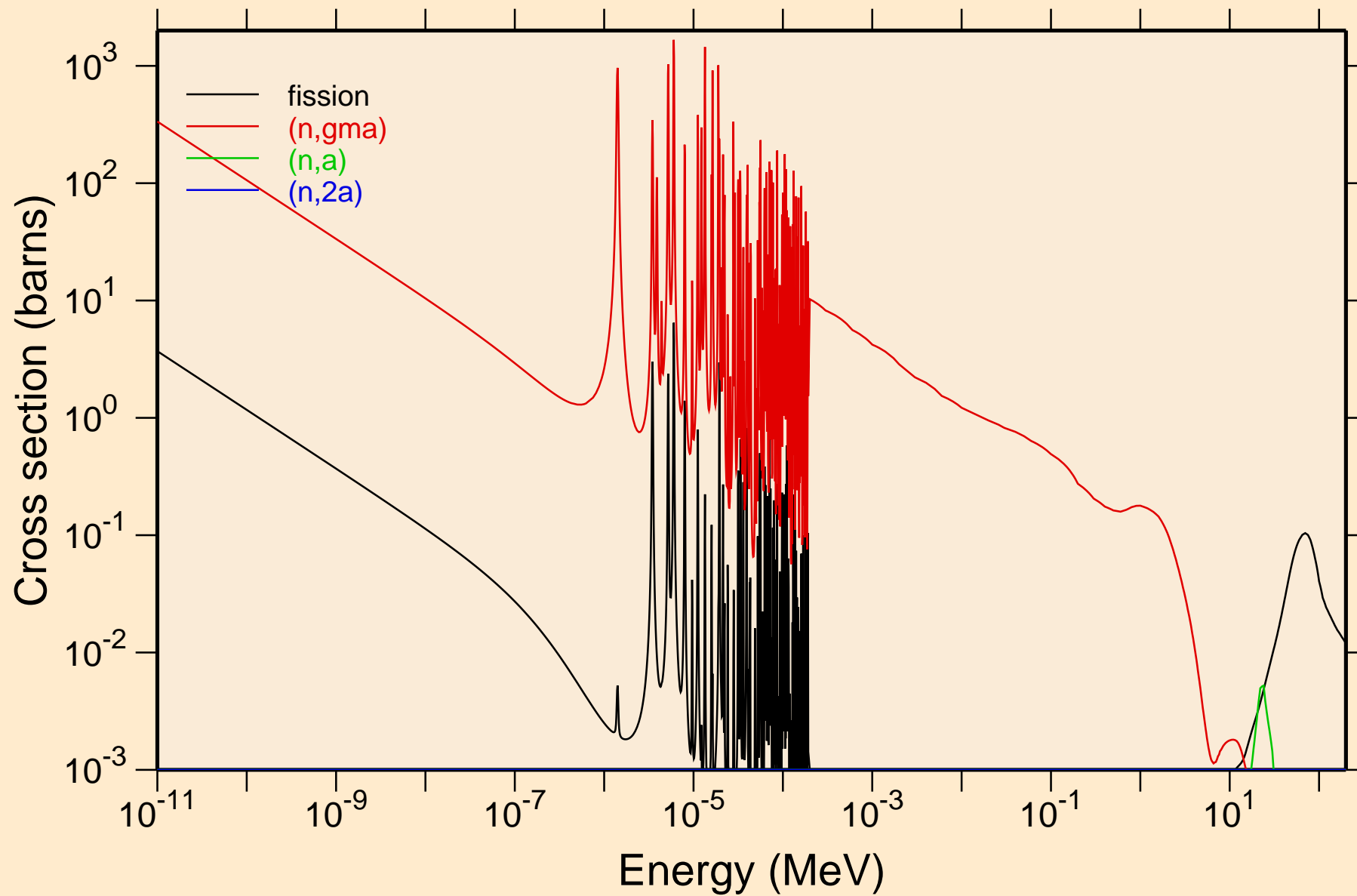


RA227 NRG TENDL-2015, AKONING  
resonance absorption cross sections



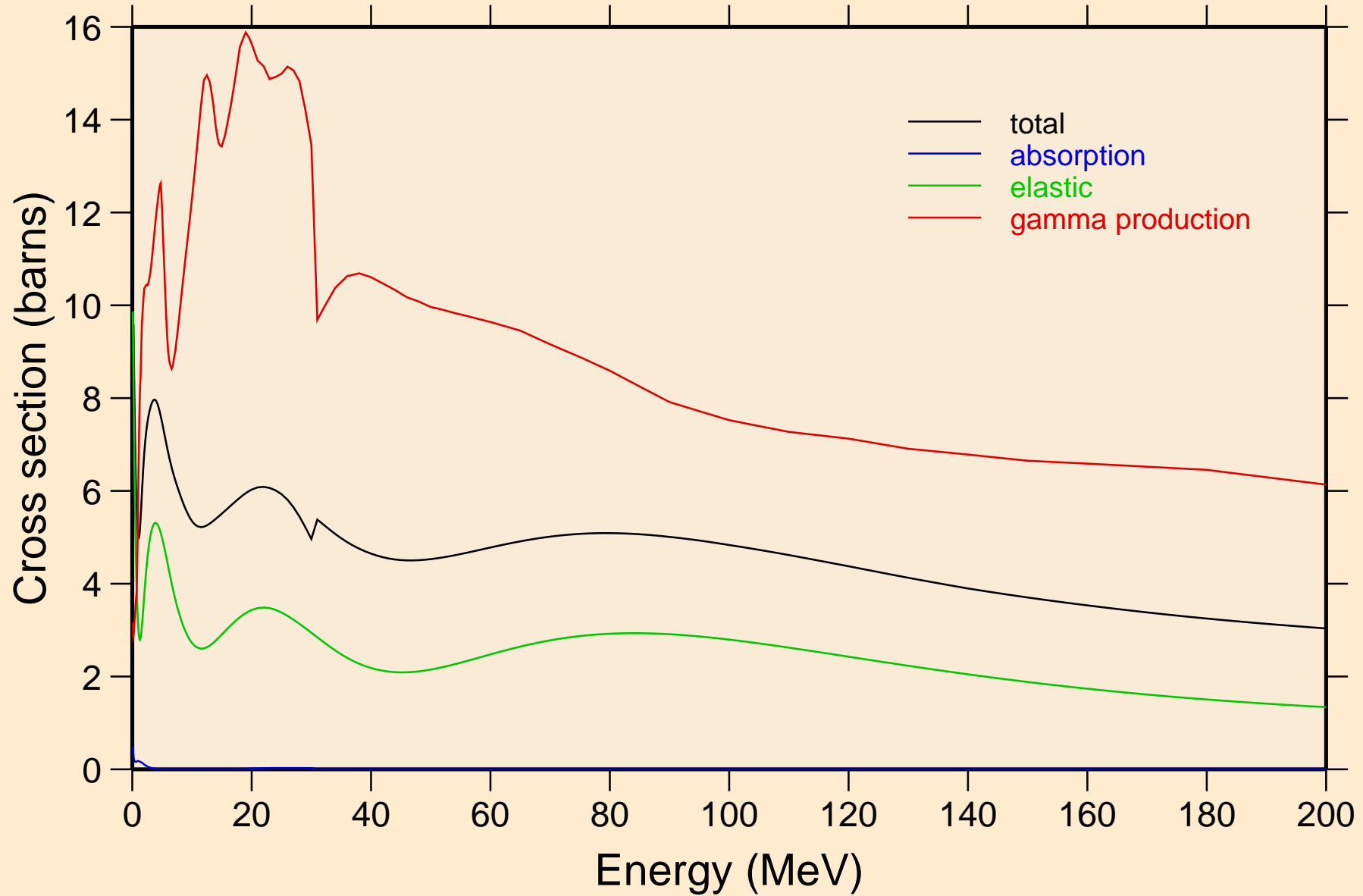
# RA227 NRG TENDL-2015, AKONING

## Non-threshold reactions



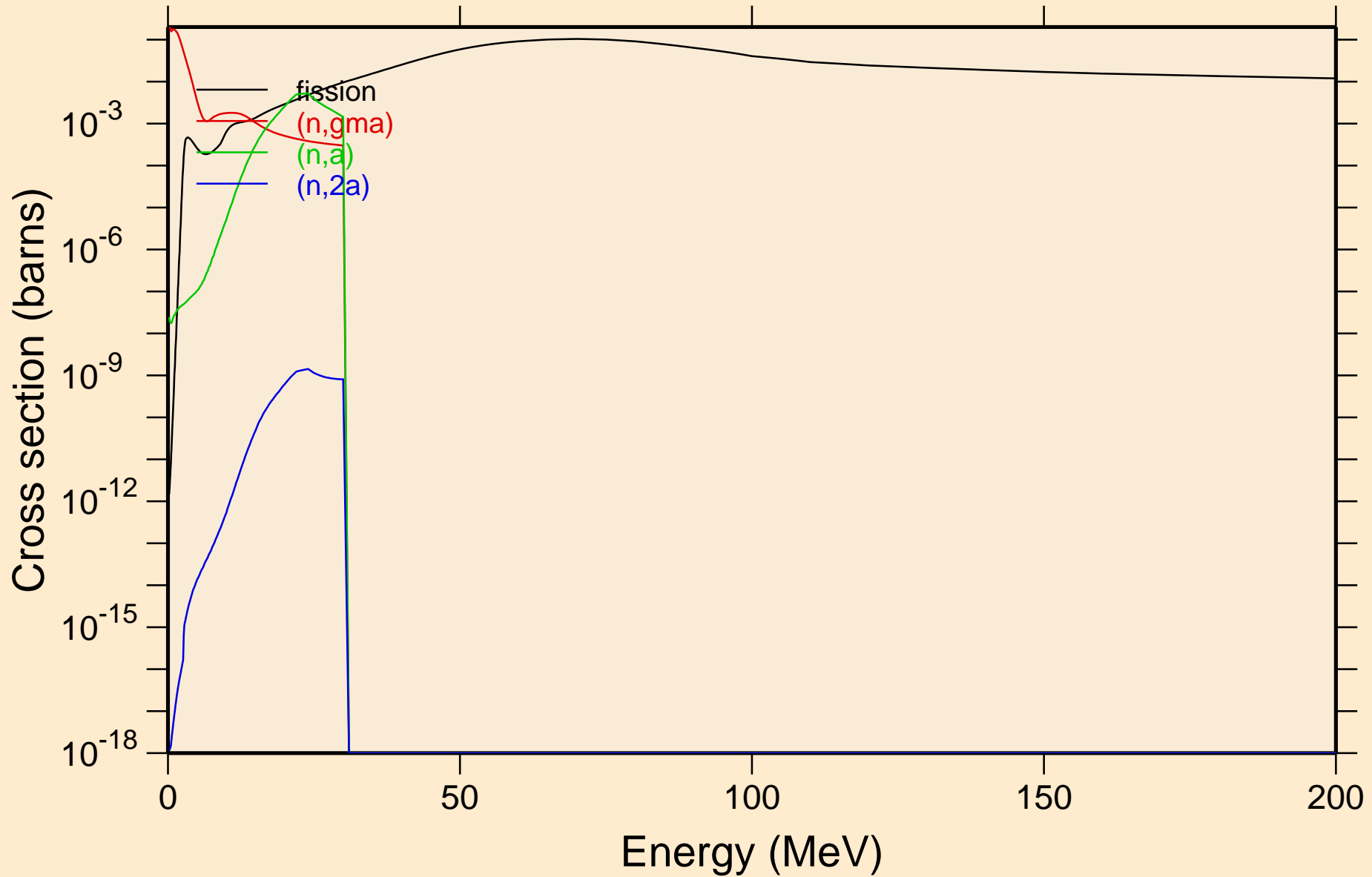
# RA227 NRG TENDL-2015, AKONING

## Principal cross sections



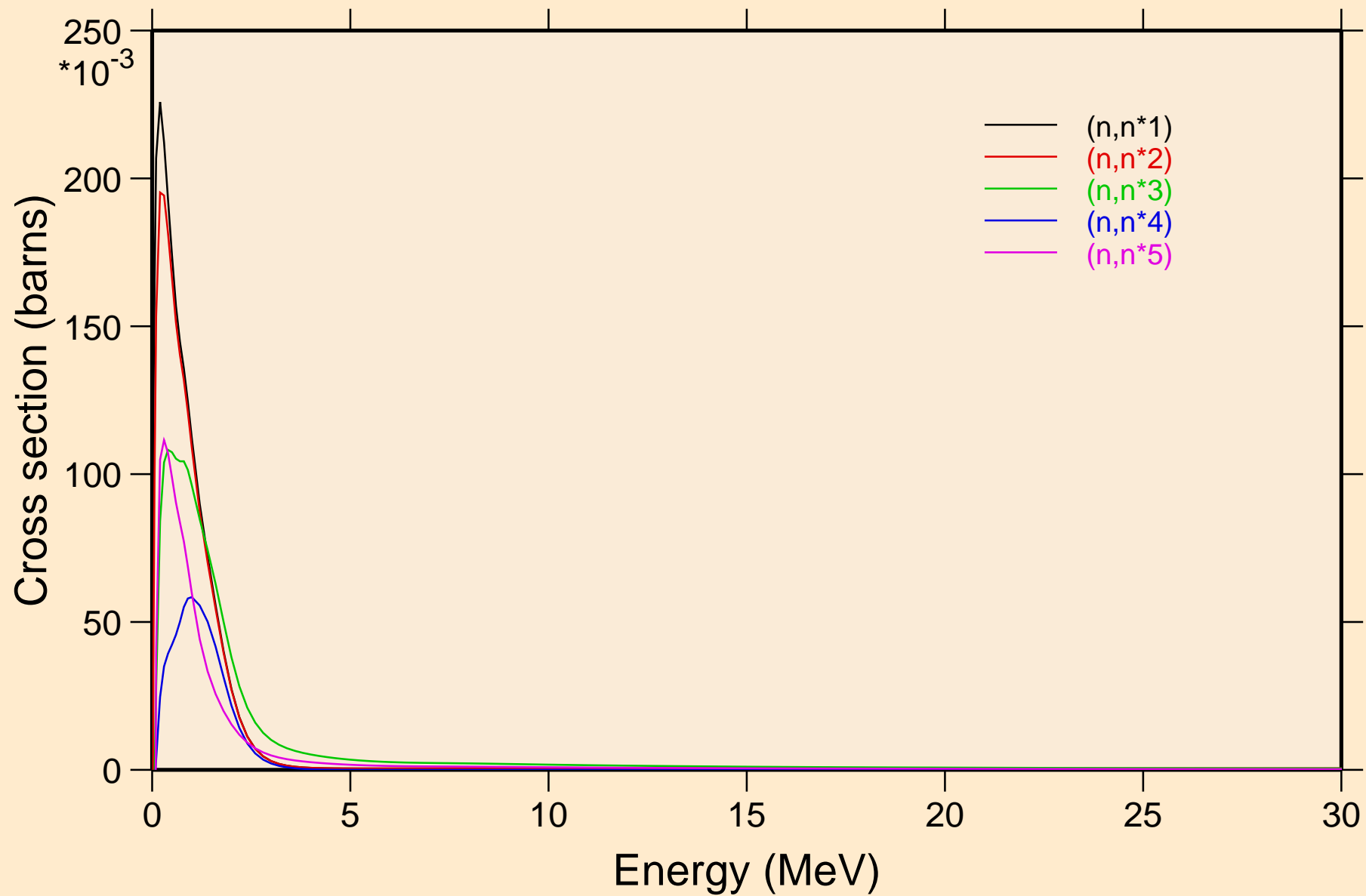
# RA227 NRG TENDL-2015, AKONING

## Non-threshold reactions



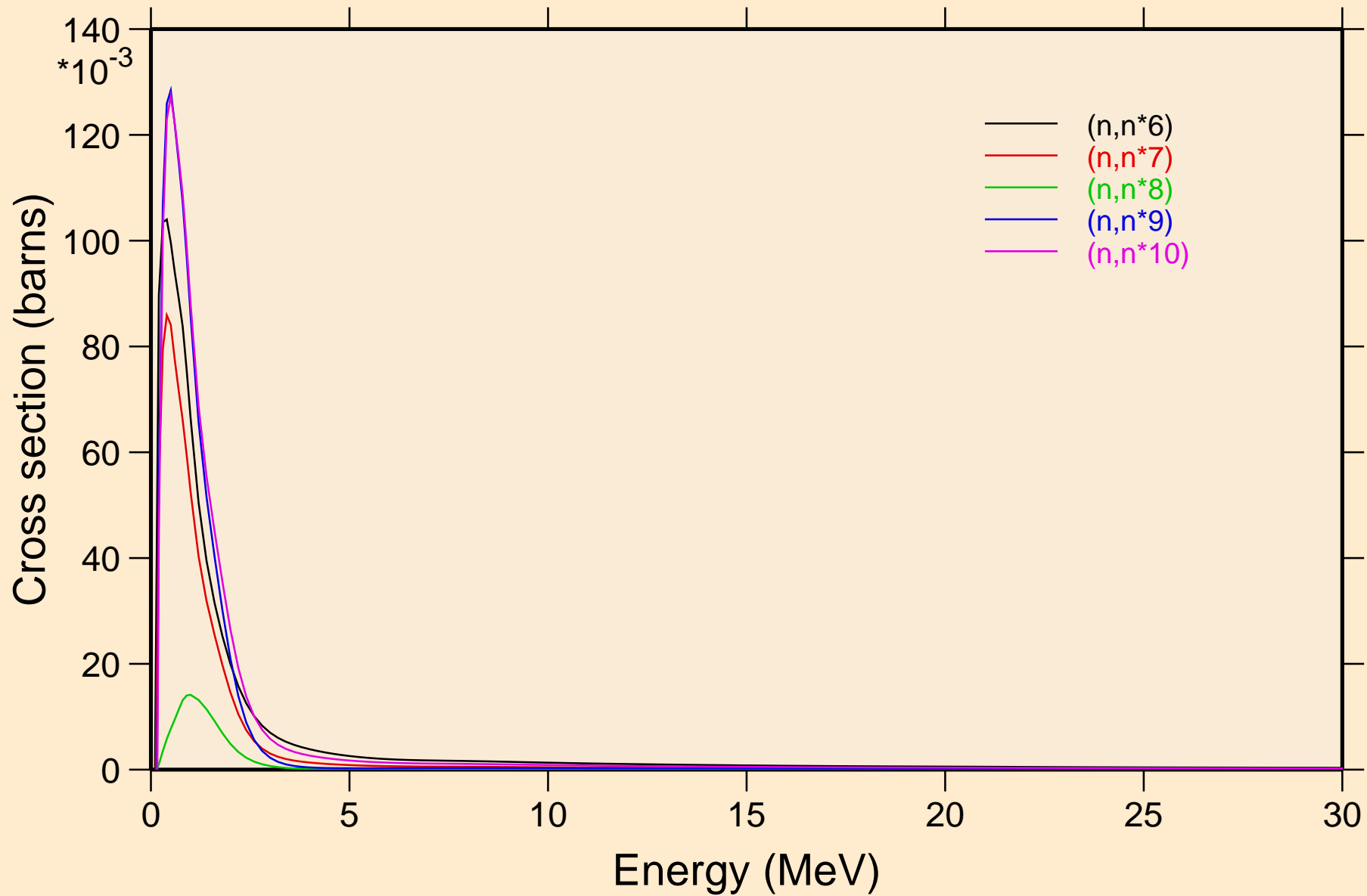
# RA227 NRG TENDL-2015, AKONING

## Inelastic levels



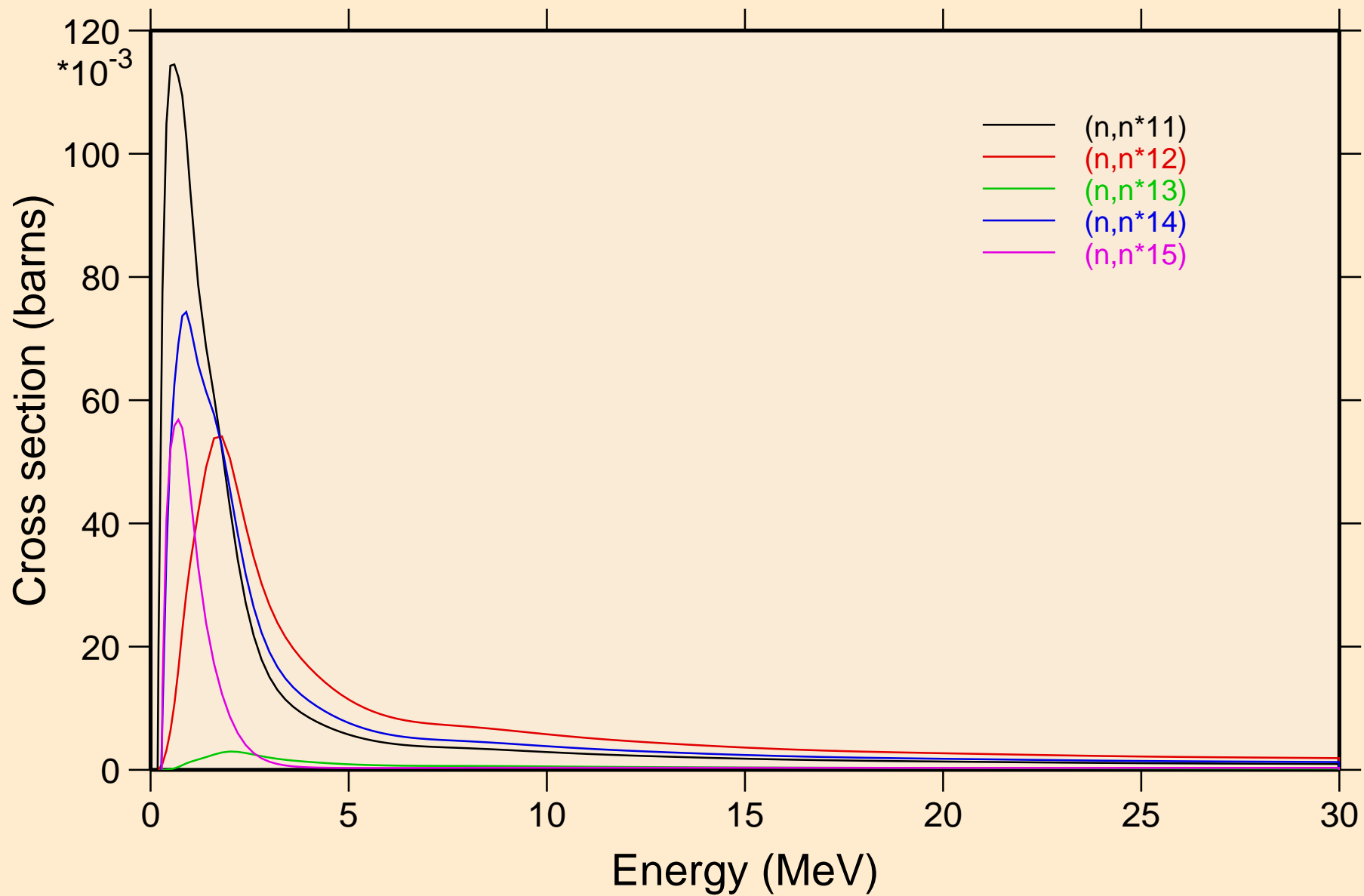
# RA227 NRG TENDL-2015, AKONING

## Inelastic levels



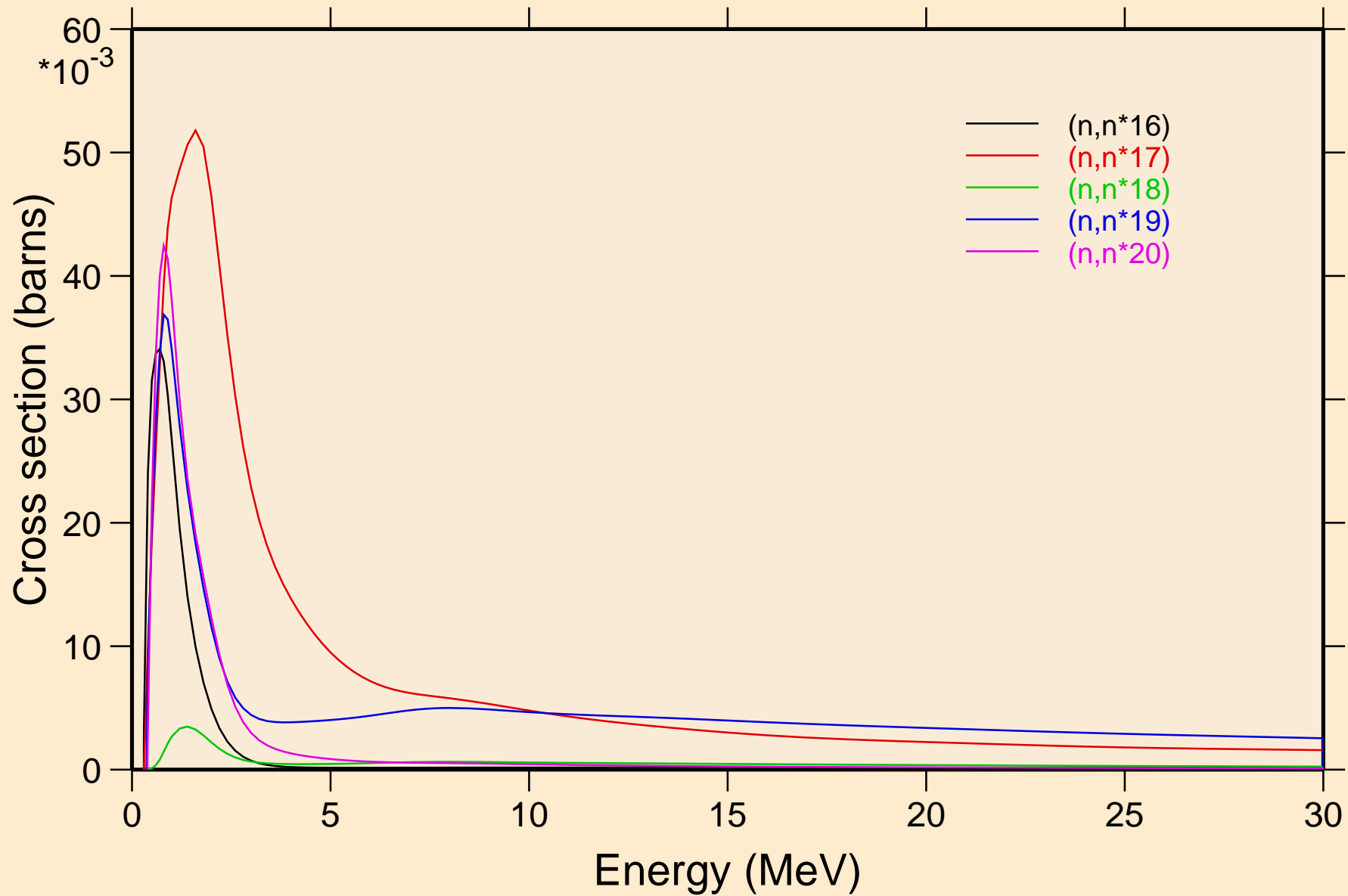
# RA227 NRG TENDL-2015, AKONING

## Inelastic levels



# RA227 NRG TENDL-2015, AKONING

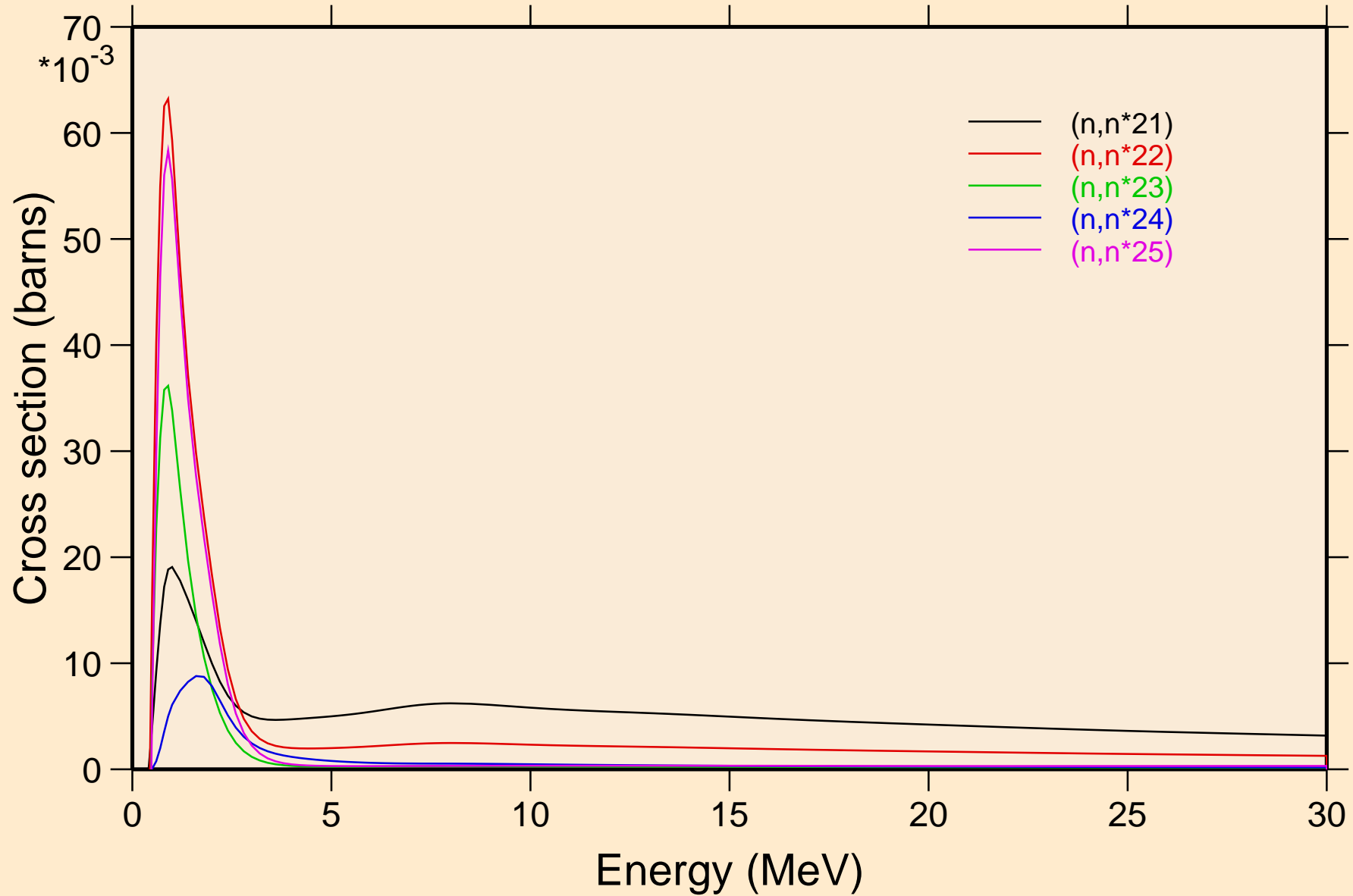
## Inelastic levels





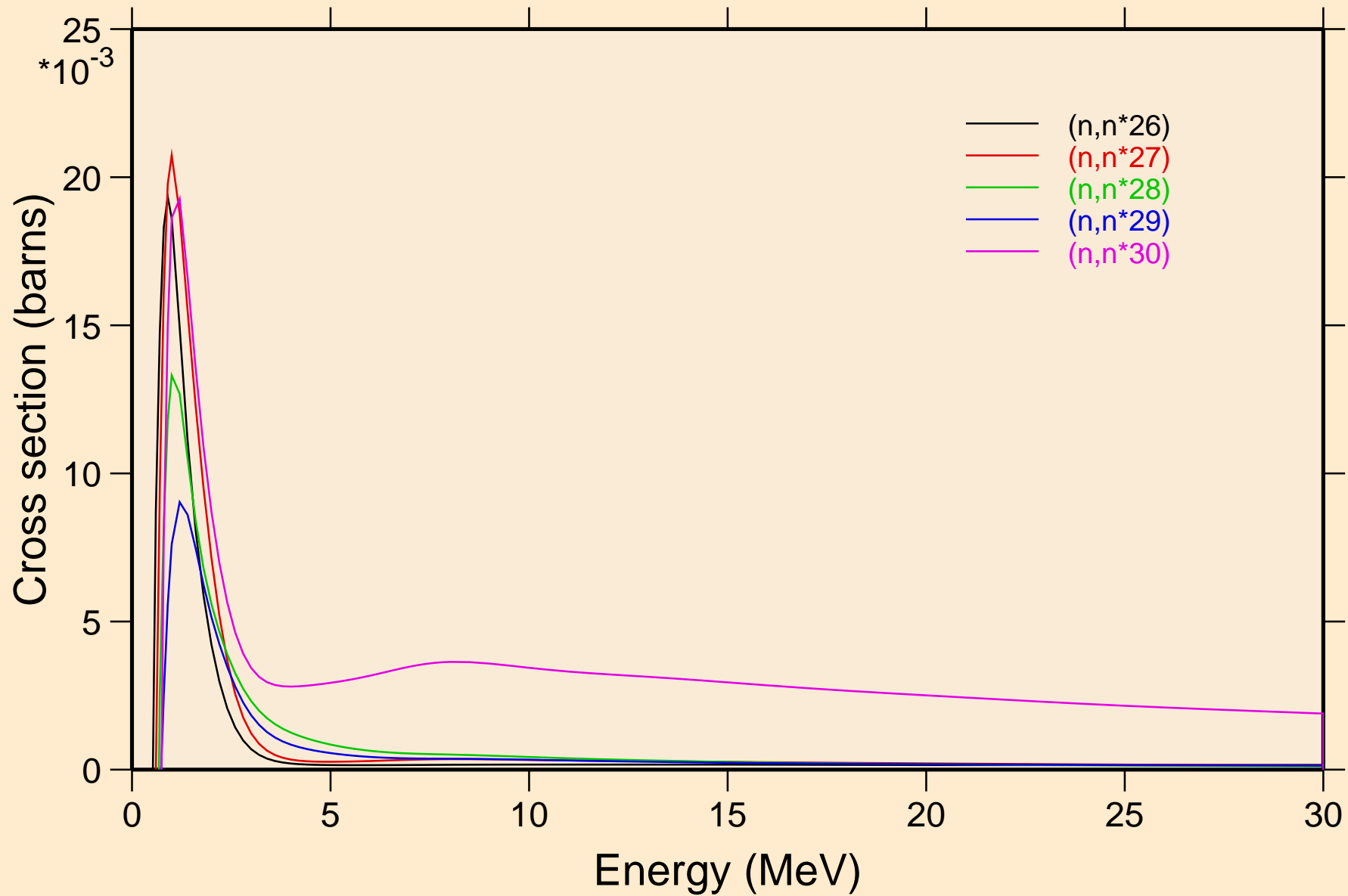
# RA227 NRG TENDL-2015, AKONING

## Inelastic levels



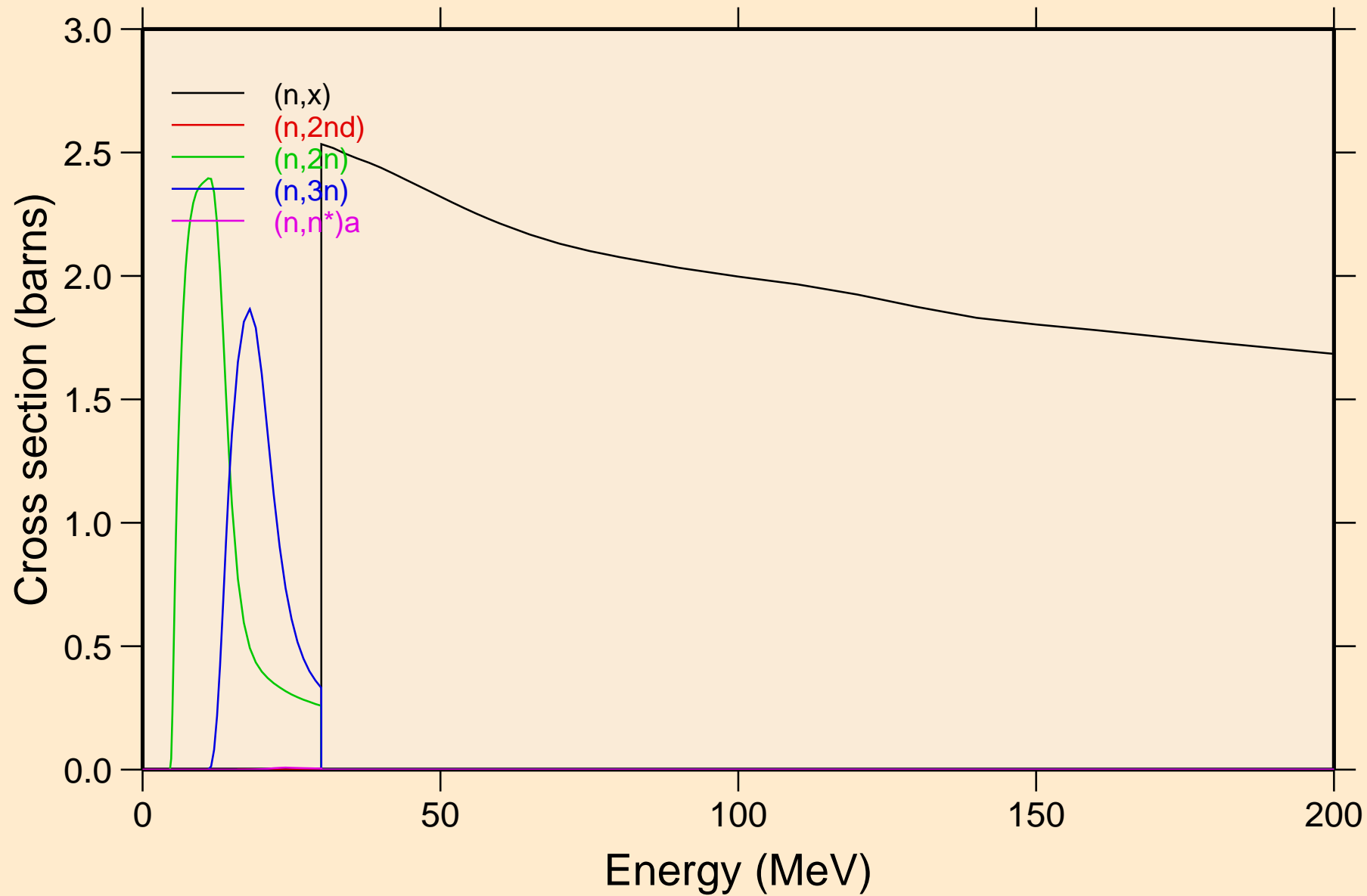
# RA227 NRG TENDL-2015, AKONING

## Inelastic levels



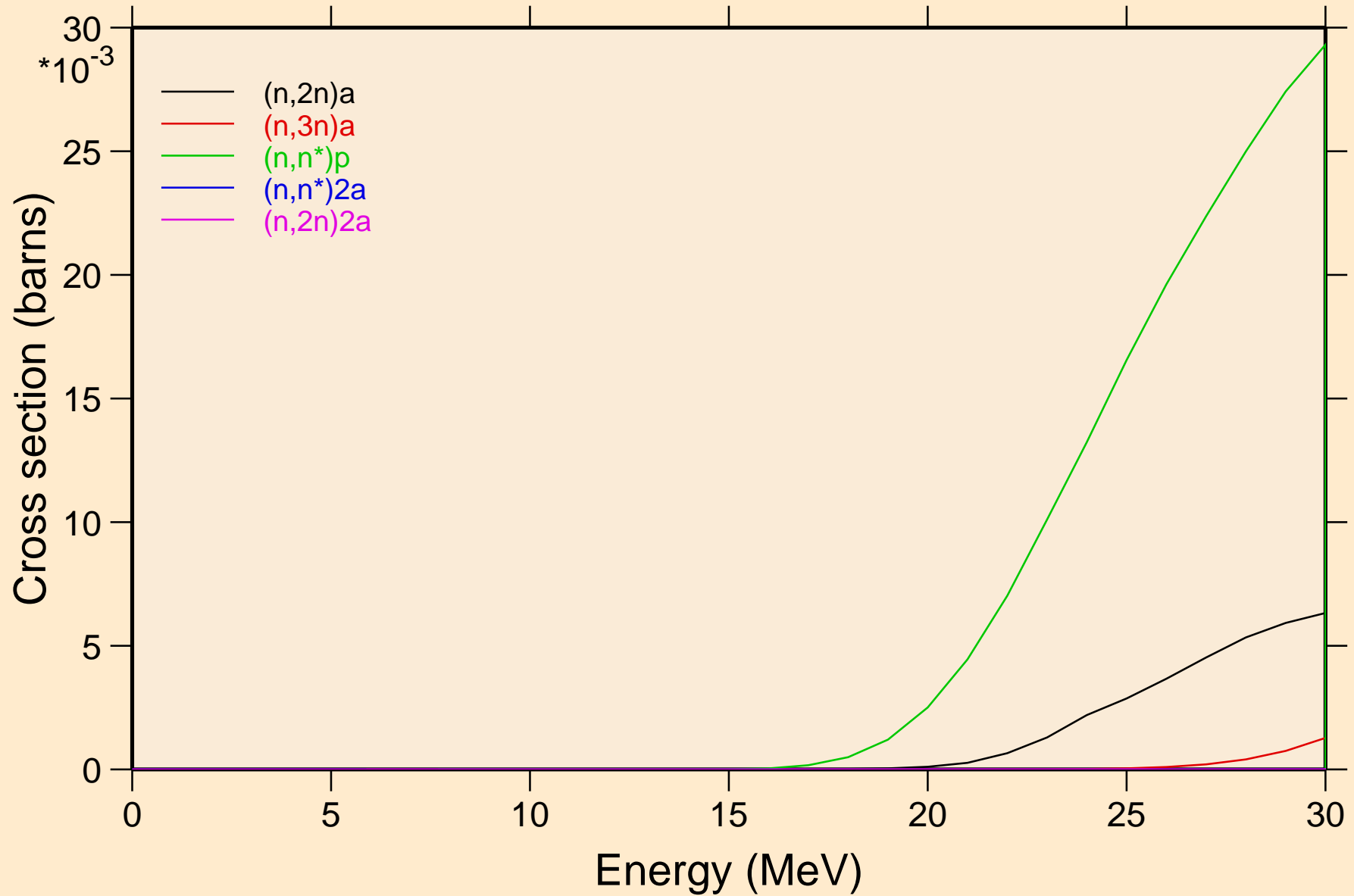
# RA227 NRG TENDL-2015, AKONING

## Threshold reactions



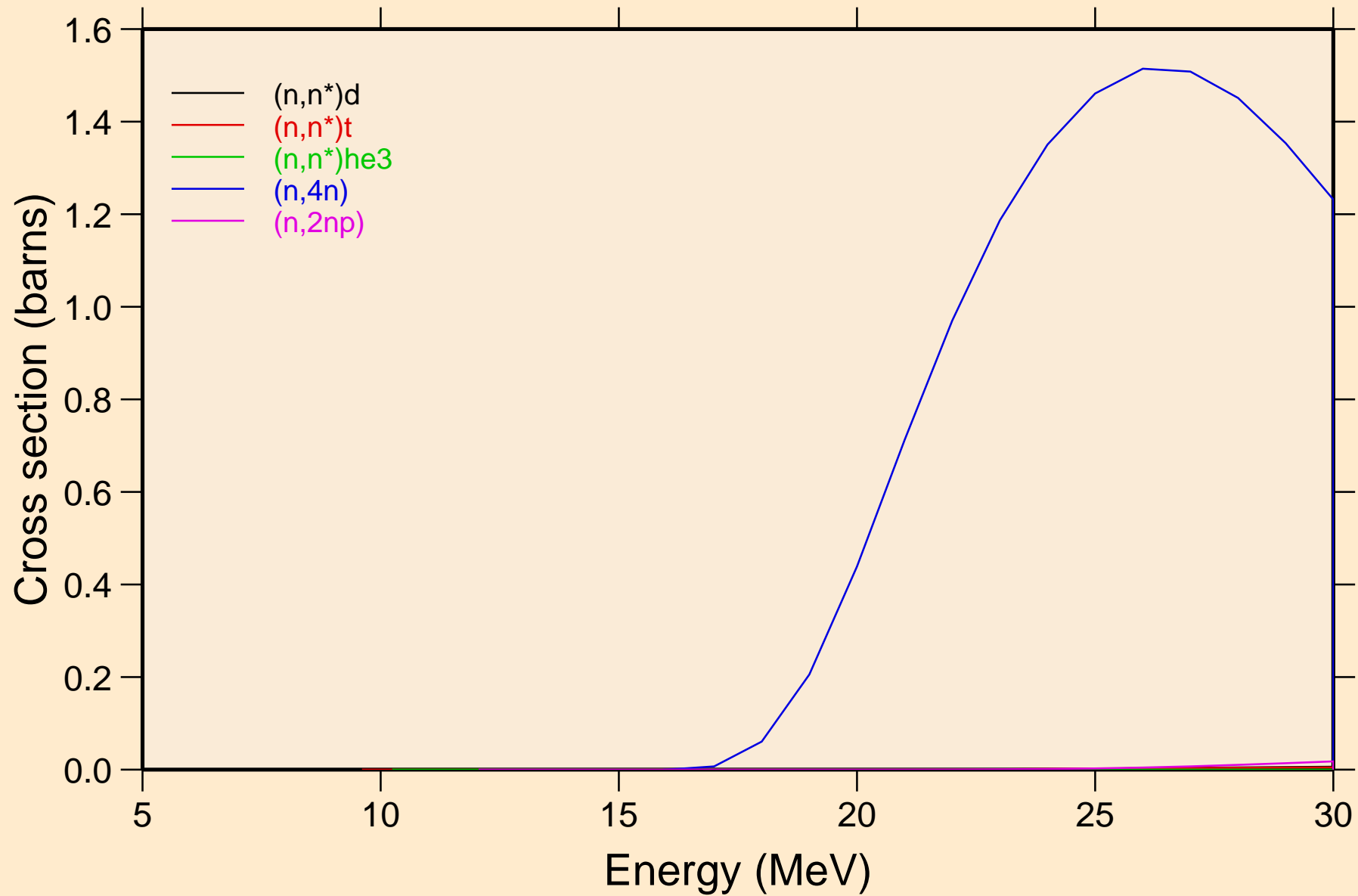
# RA227 NRG TENDL-2015, AKONING

## Threshold reactions



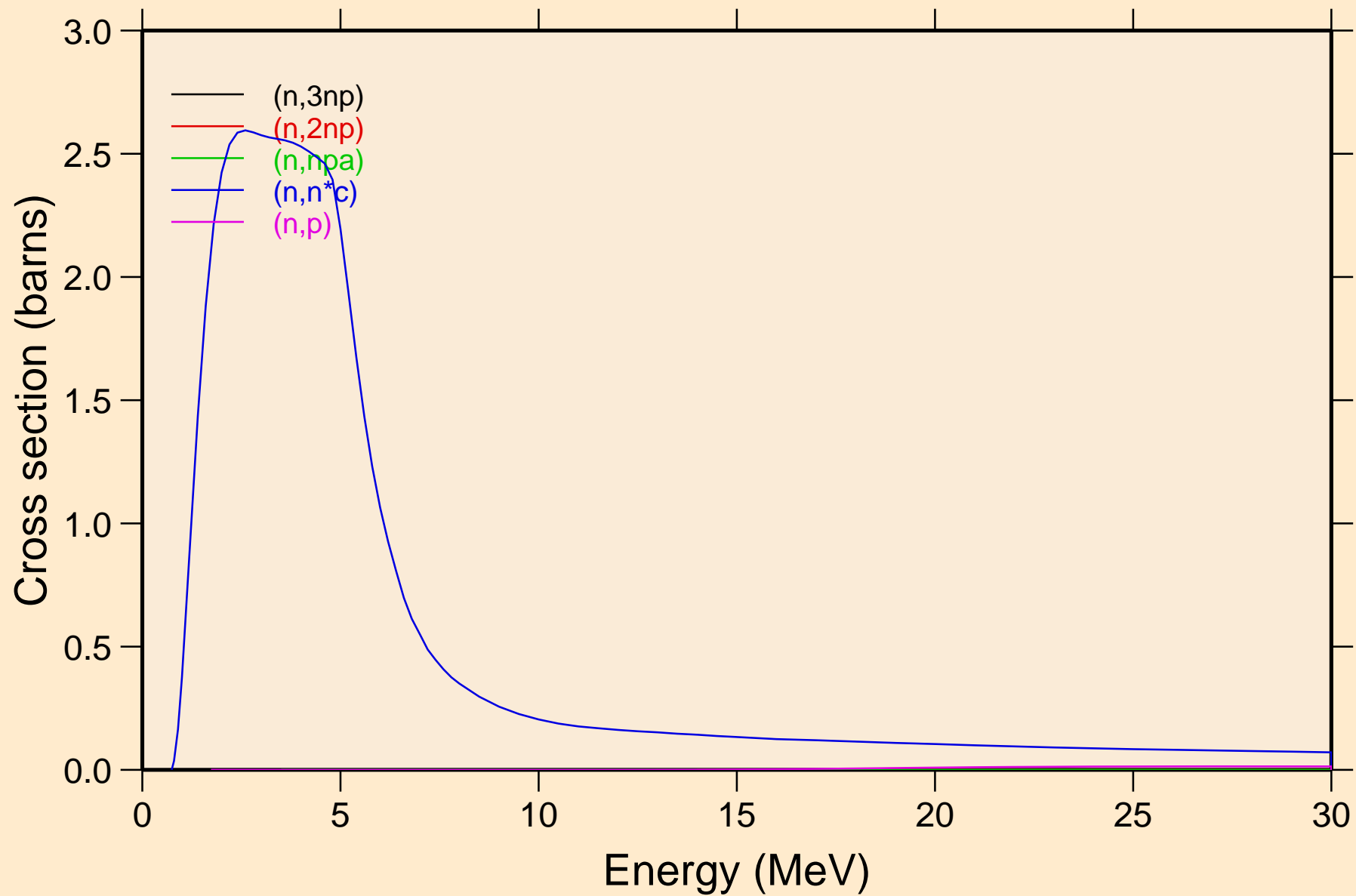
# RA227 NRG TENDL-2015, AKONING

## Threshold reactions



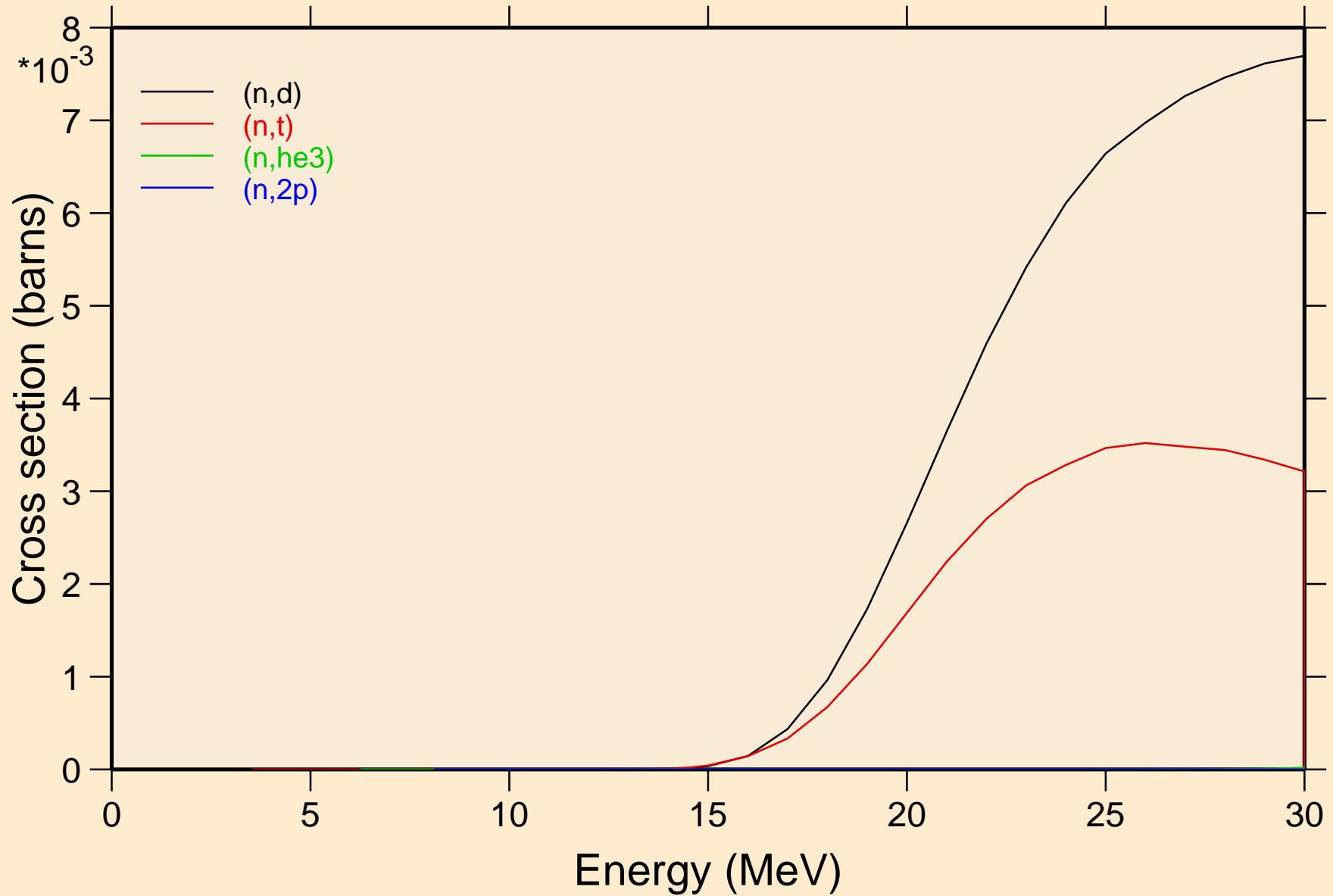
# RA227 NRG TENDL-2015, AKONING

## Threshold reactions

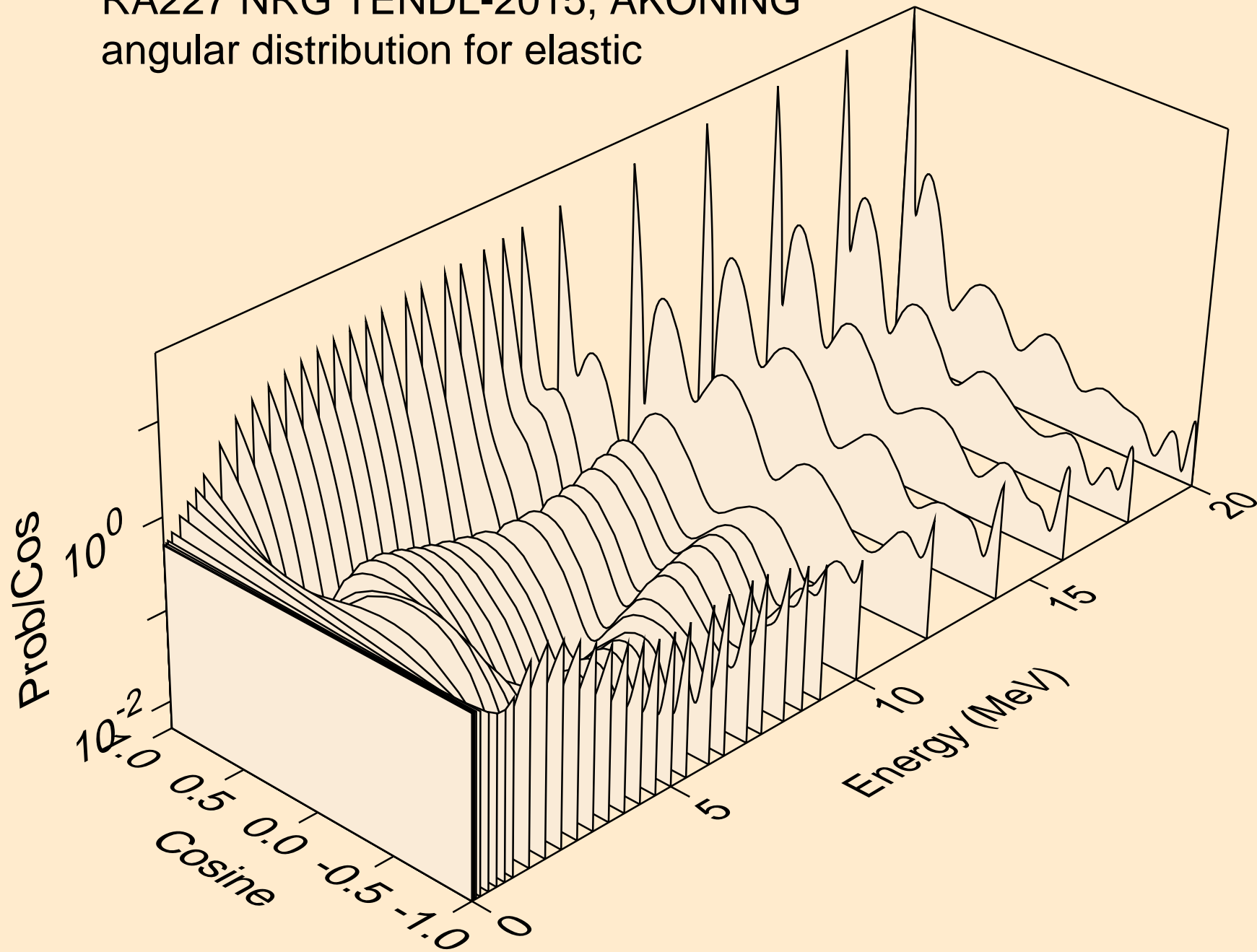


# RA227 NRG TENDL-2015, AKONING

## Threshold reactions

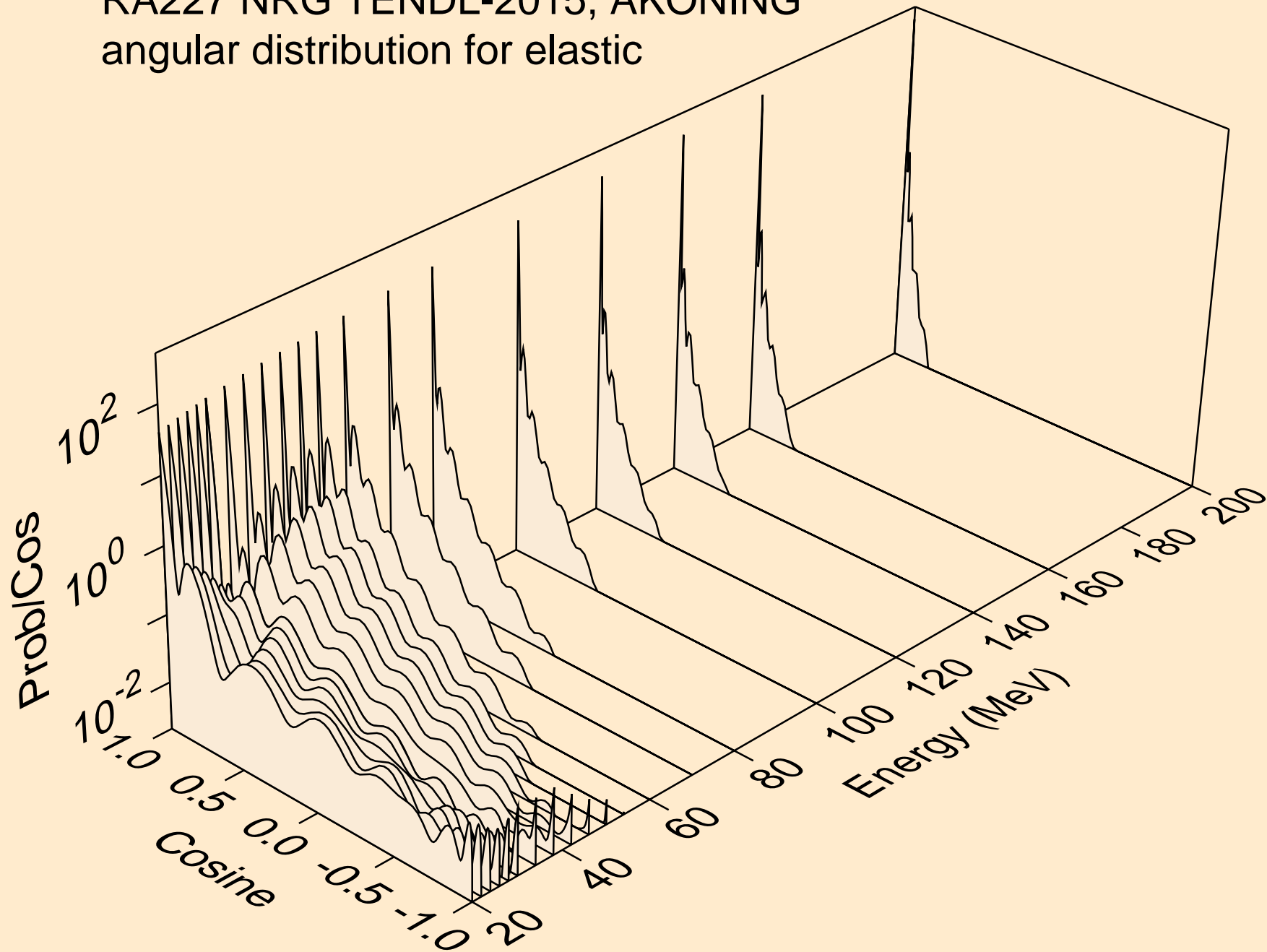


RA227 NRG TENDL-2015, AKONING  
angular distribution for elastic

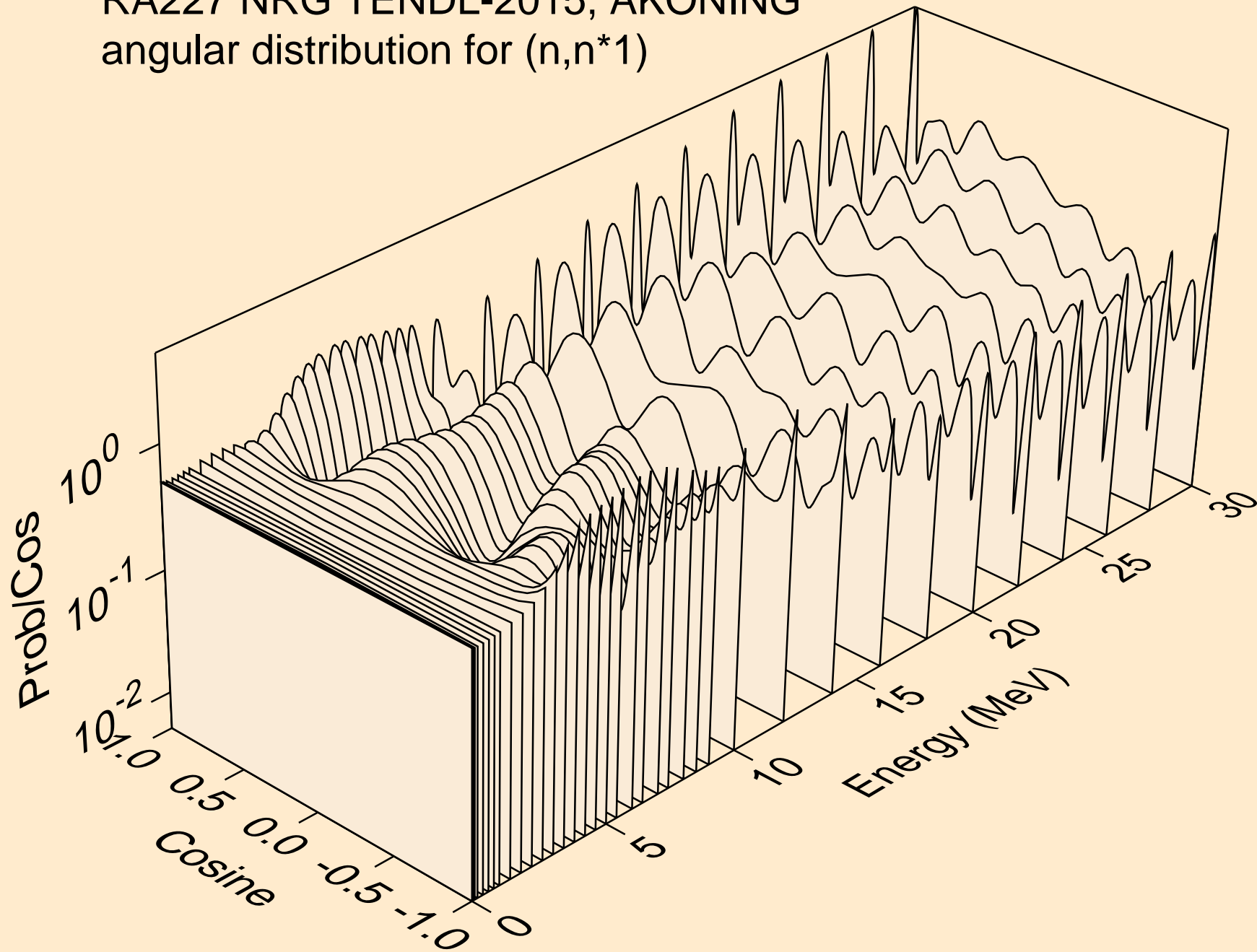




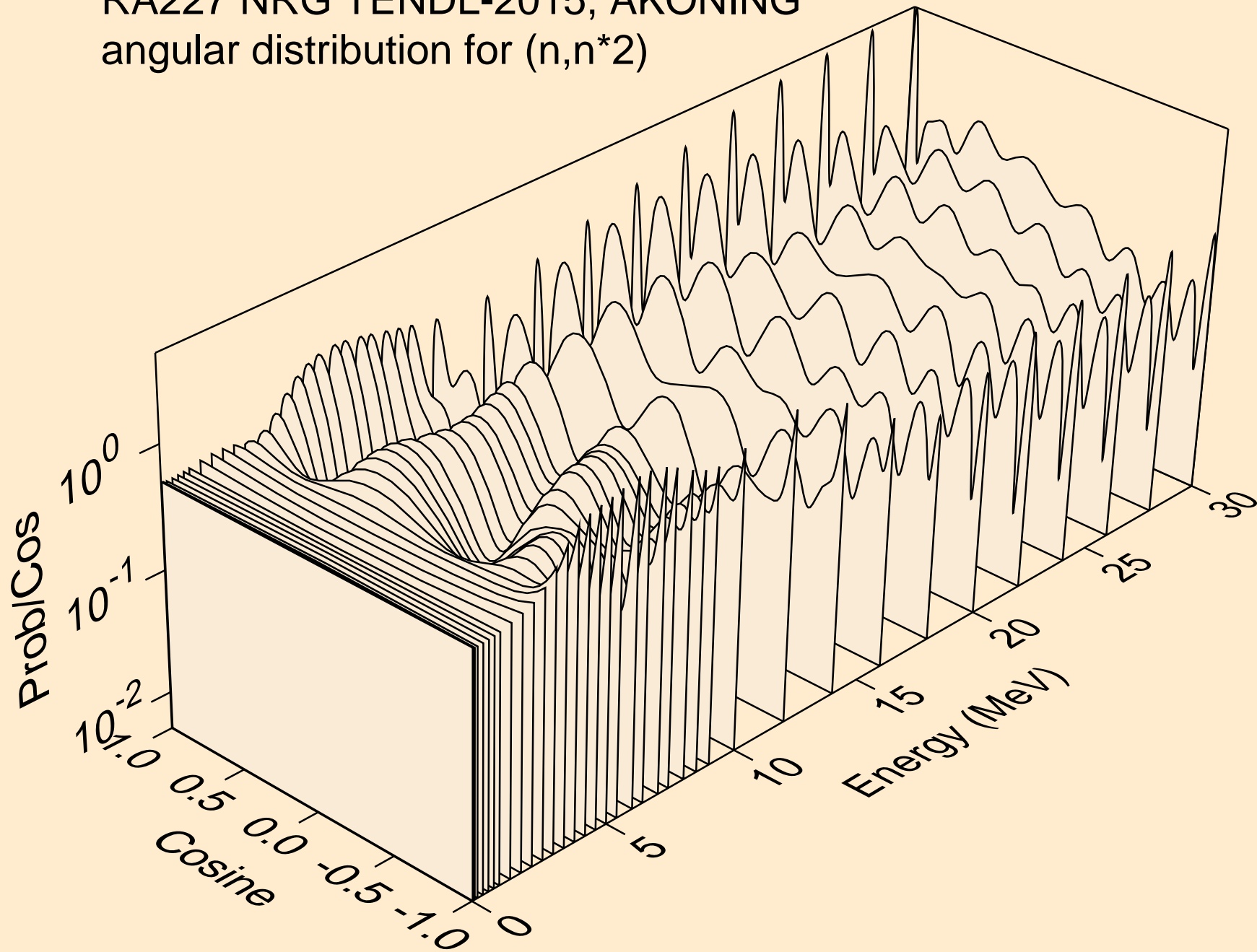
RA227 NRG TENDL-2015, AKONING  
angular distribution for elastic



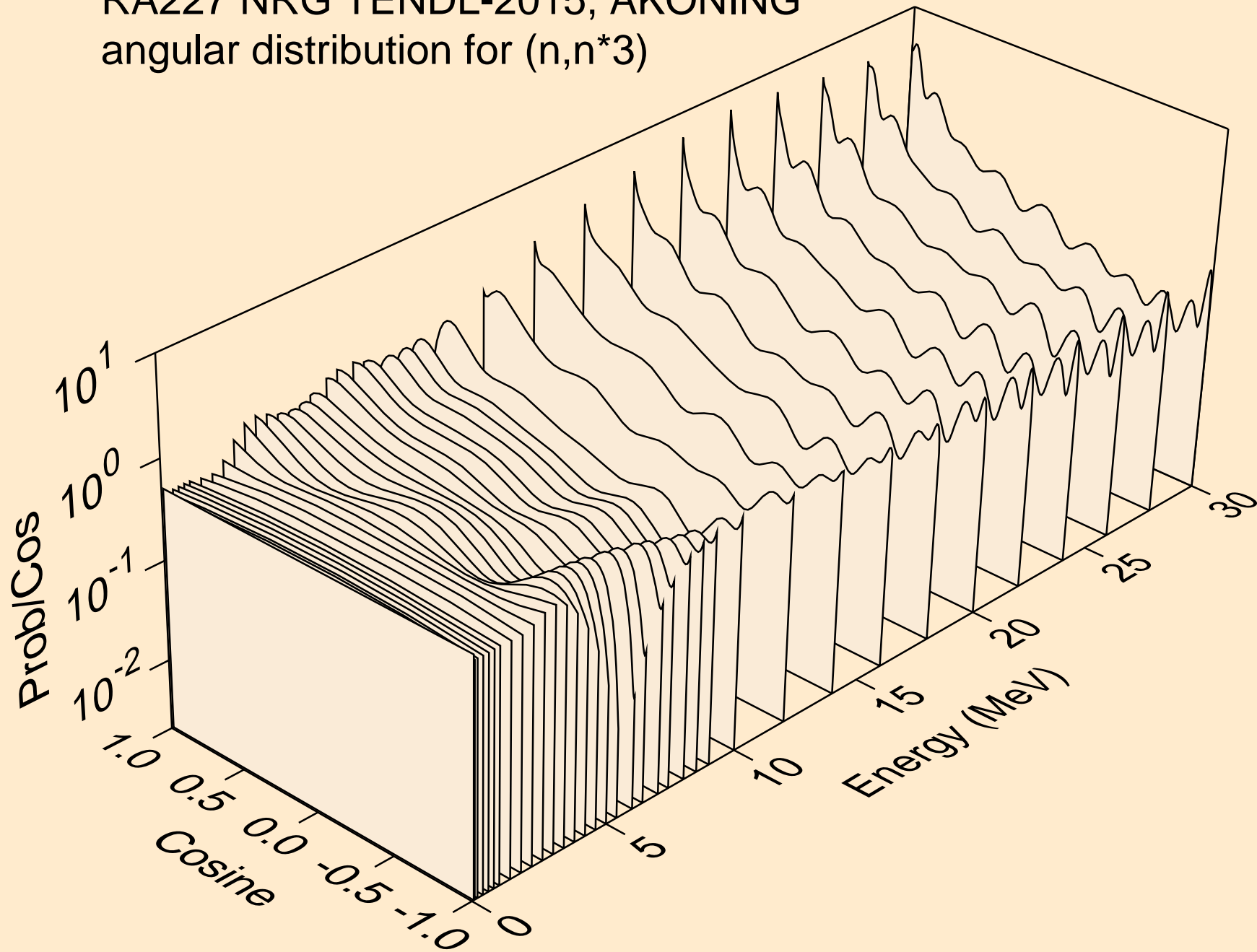
RA227 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



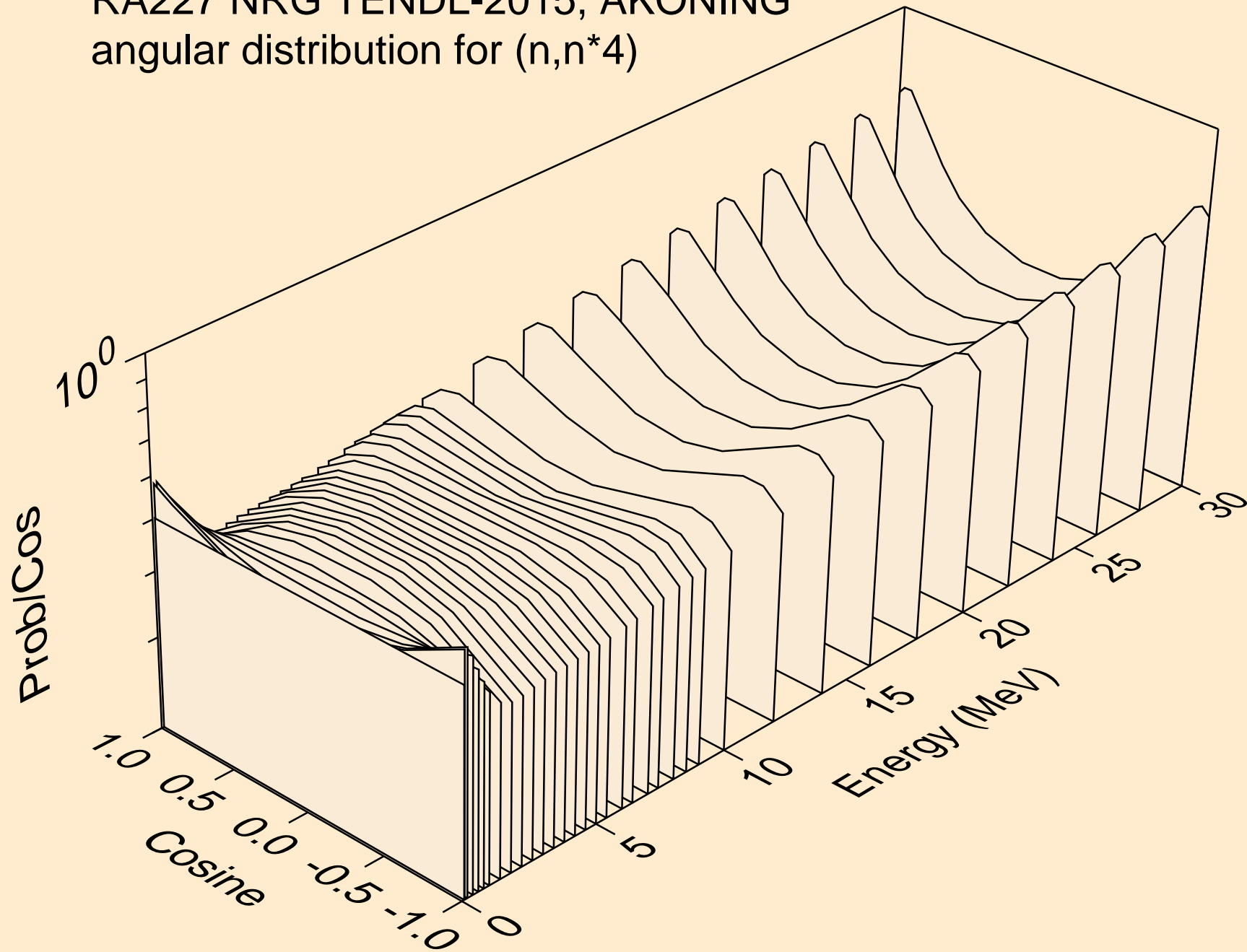
RA227 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



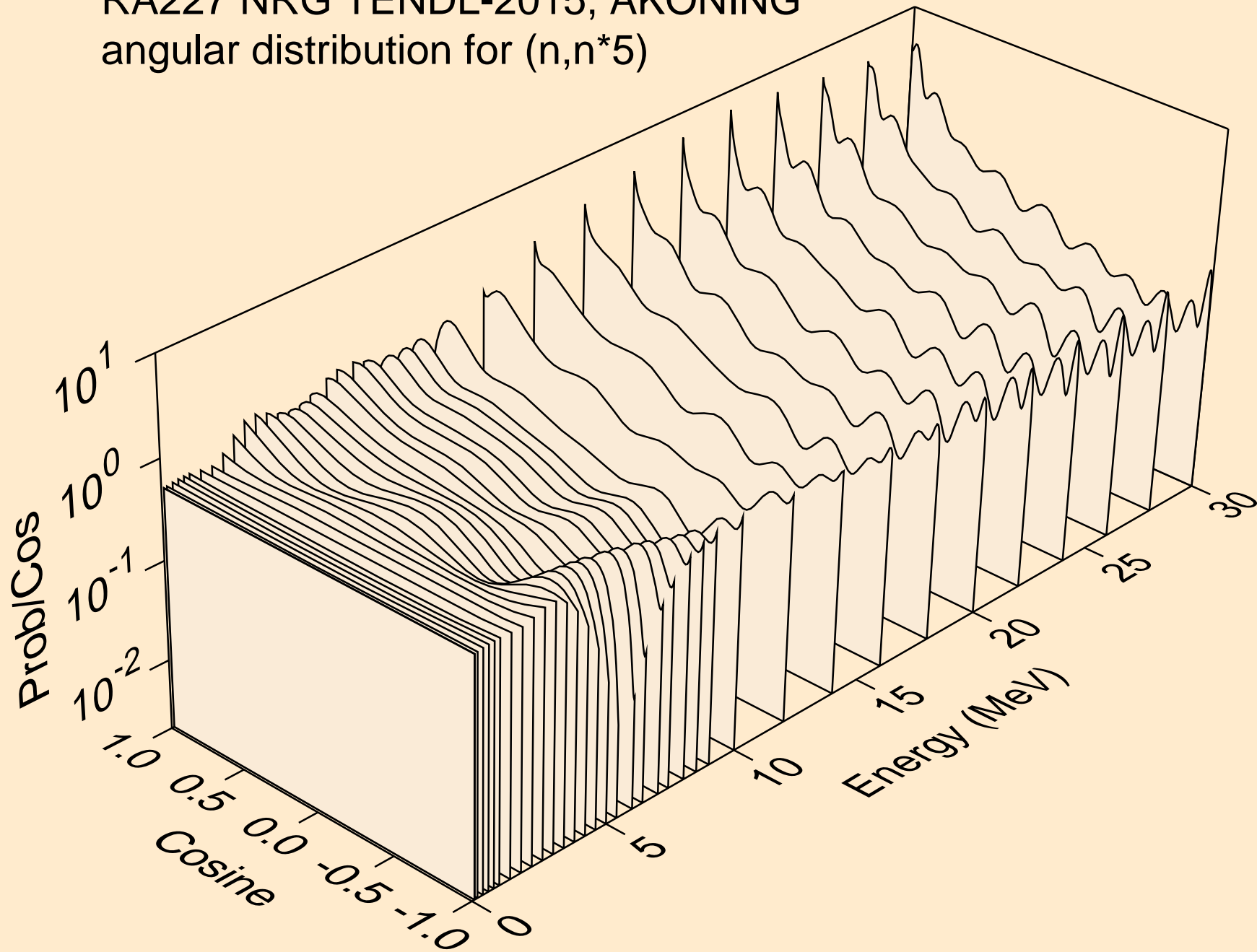
RA227 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



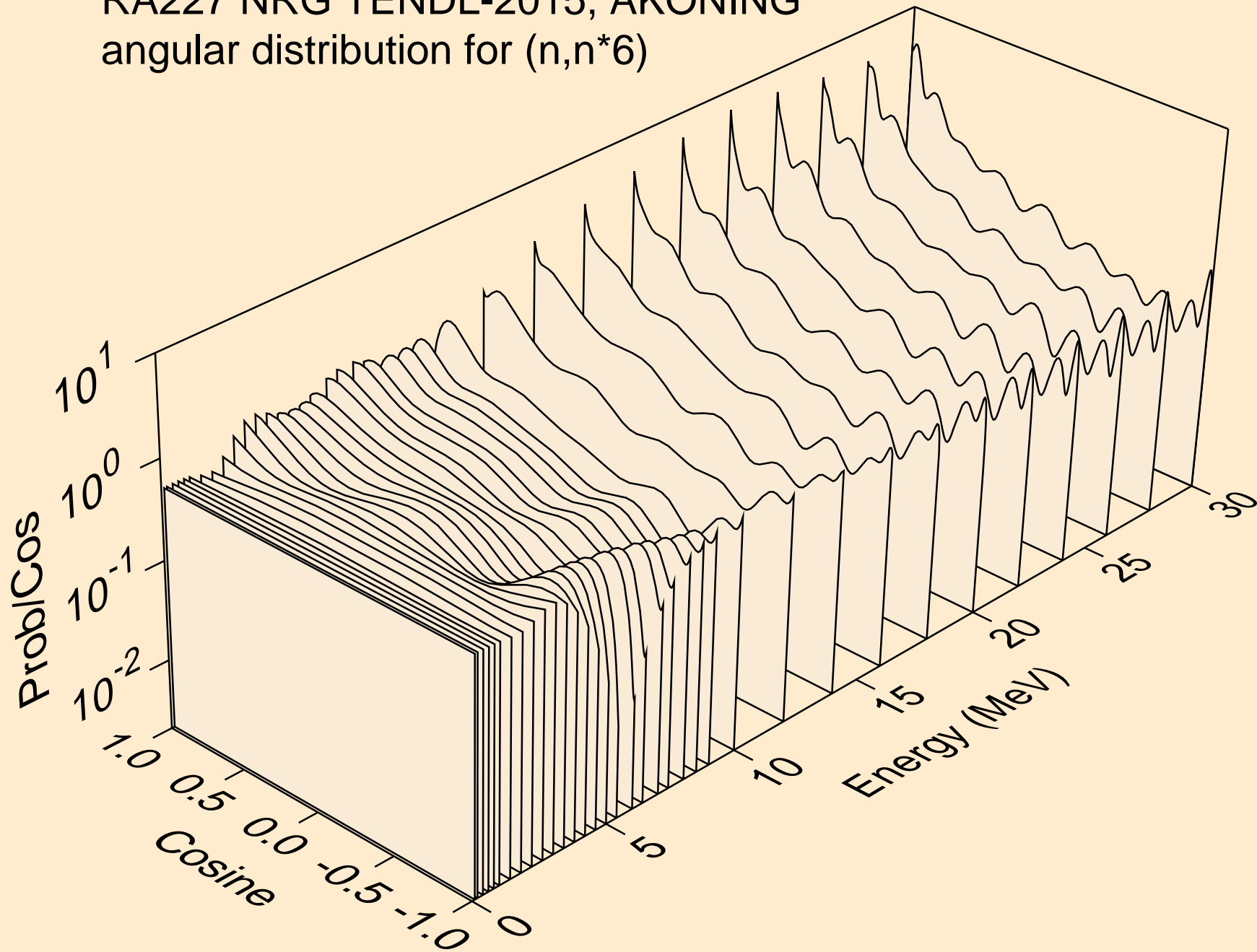
RA227 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



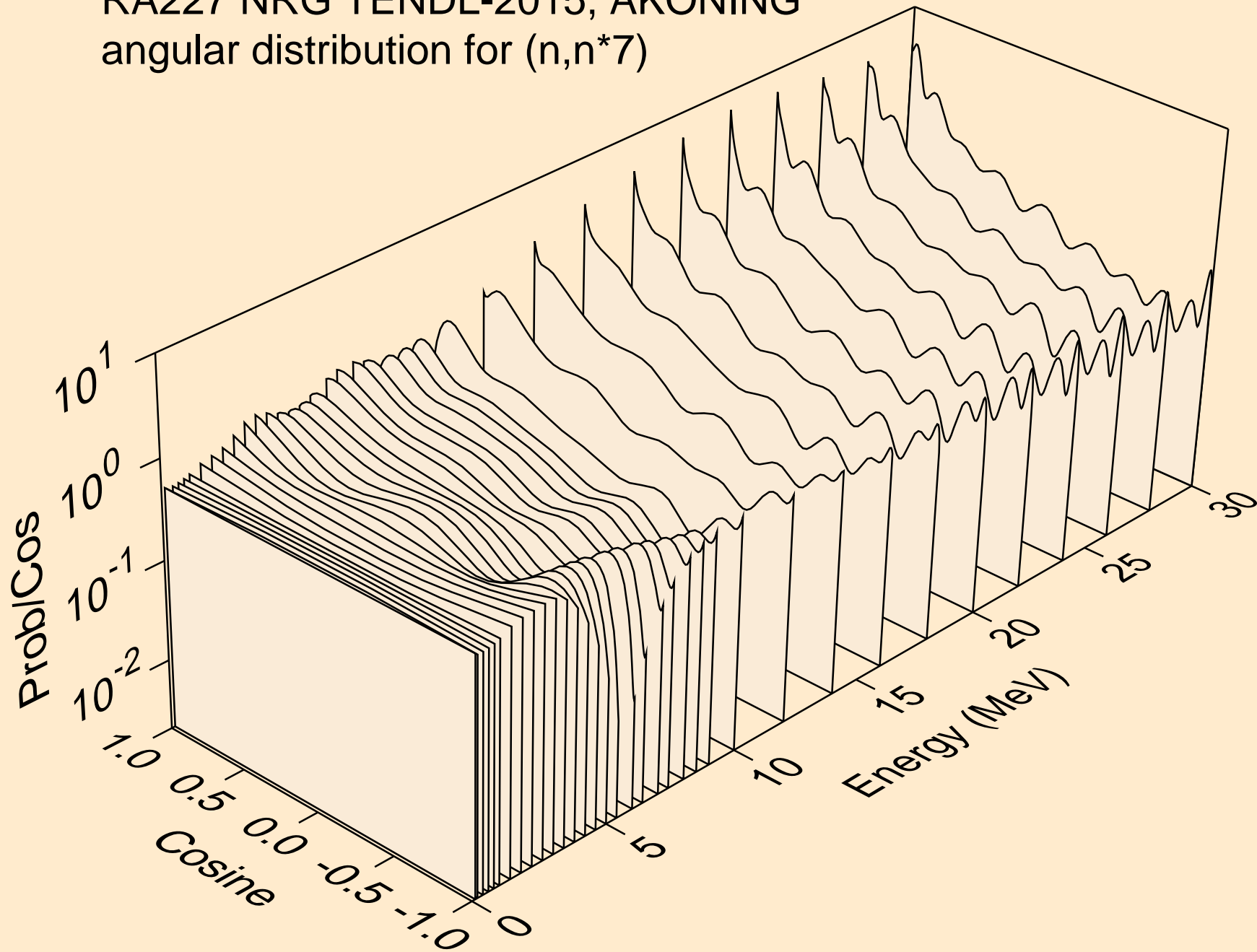
RA227 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



RA227 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

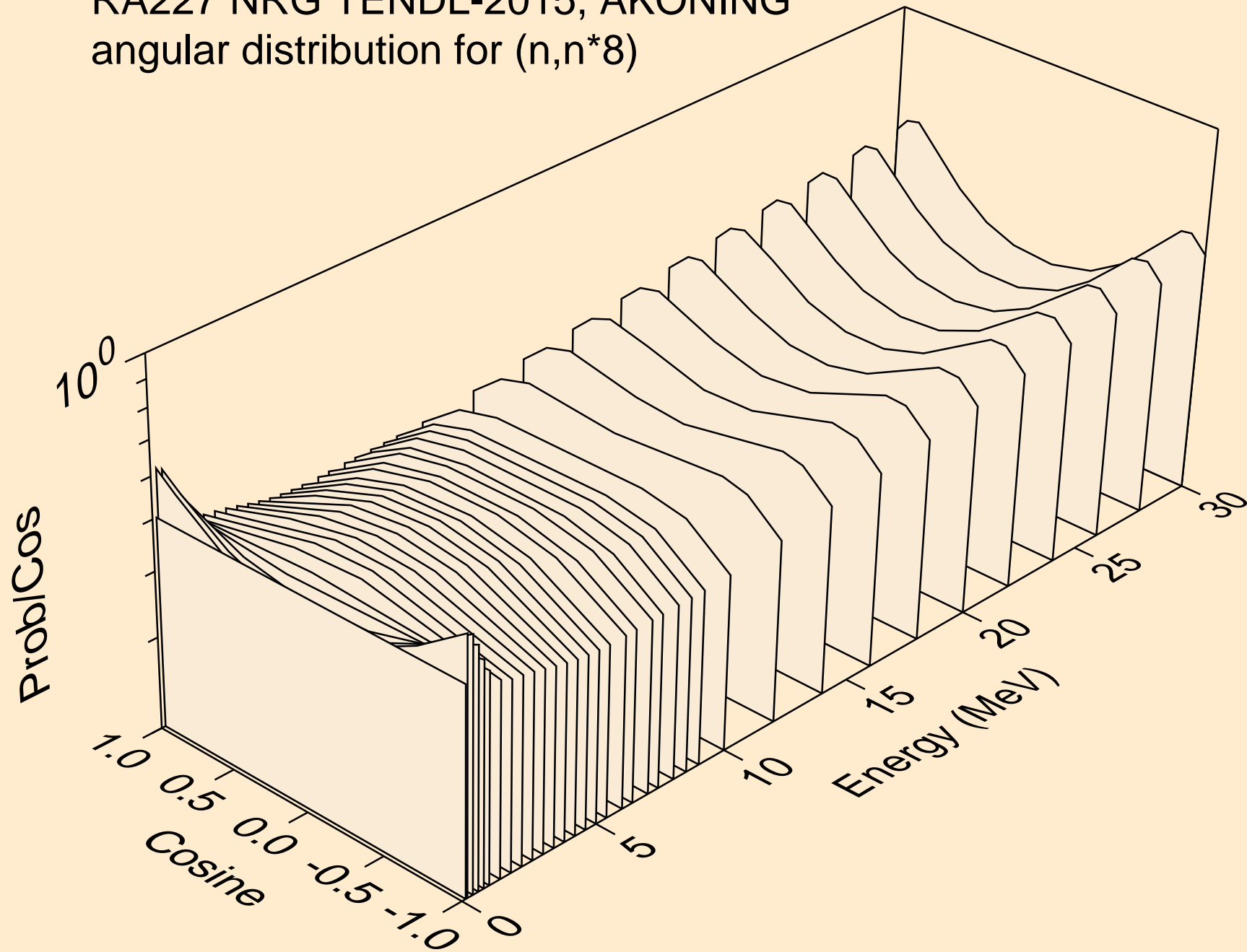


RA227 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

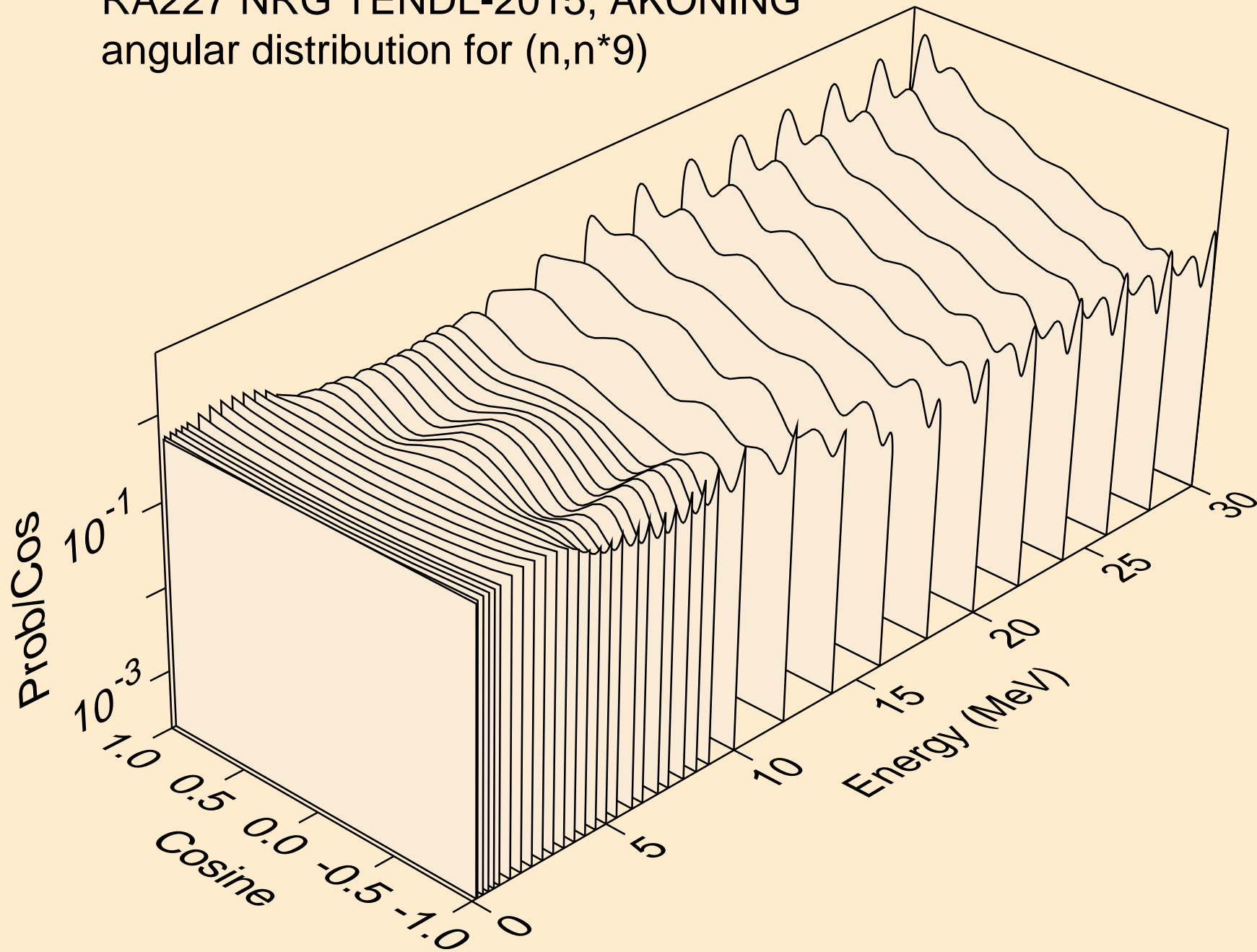




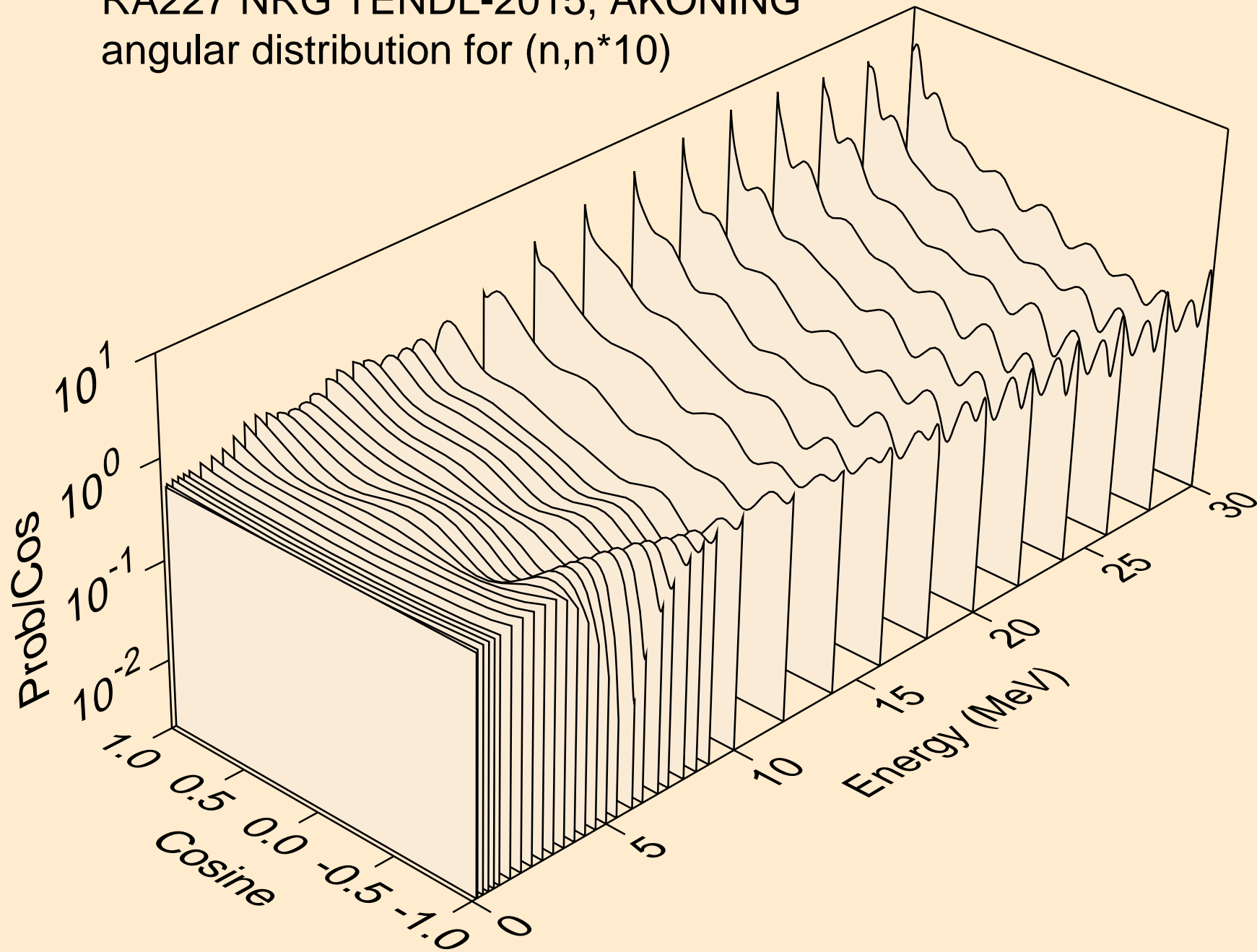
RA227 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



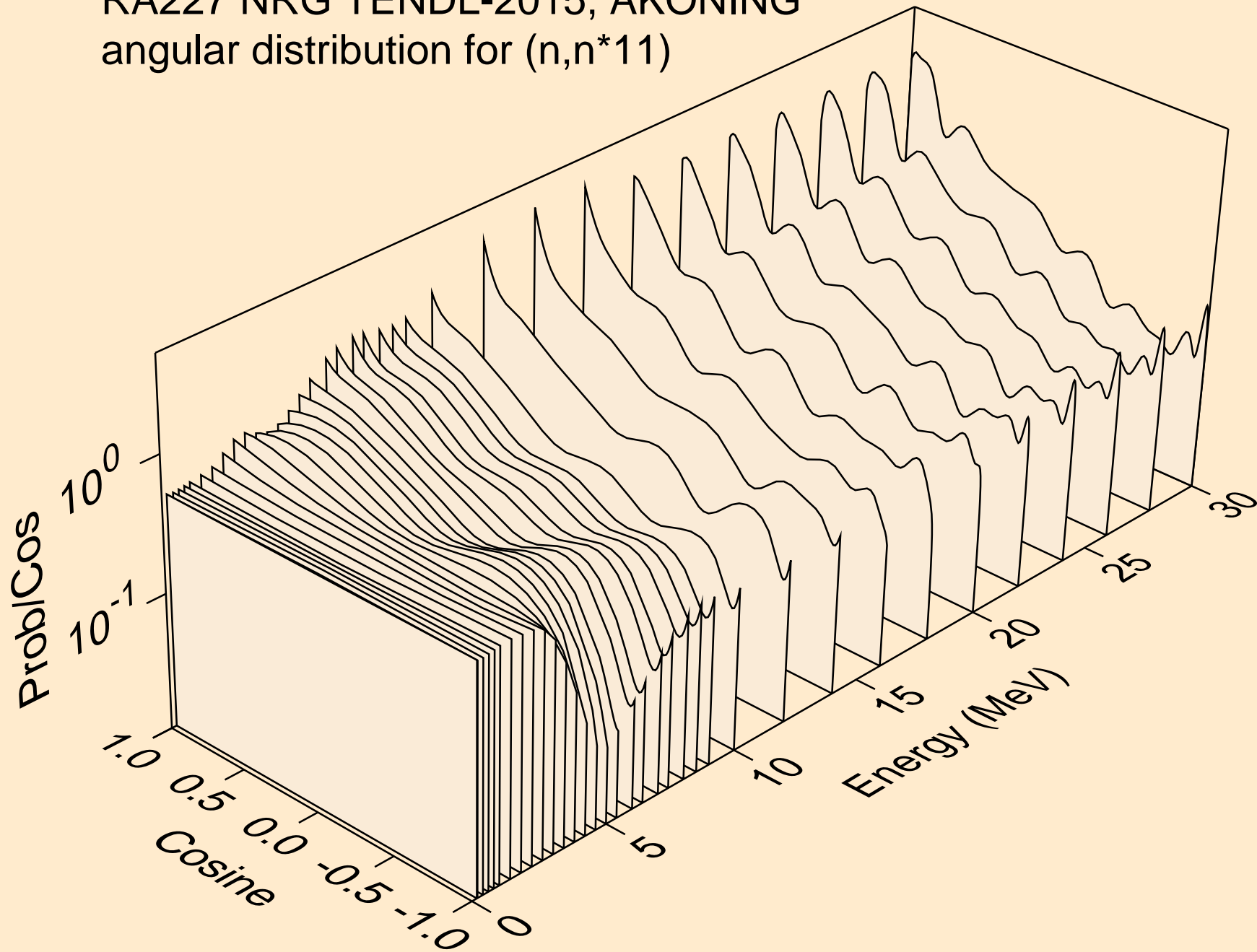
RA227 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



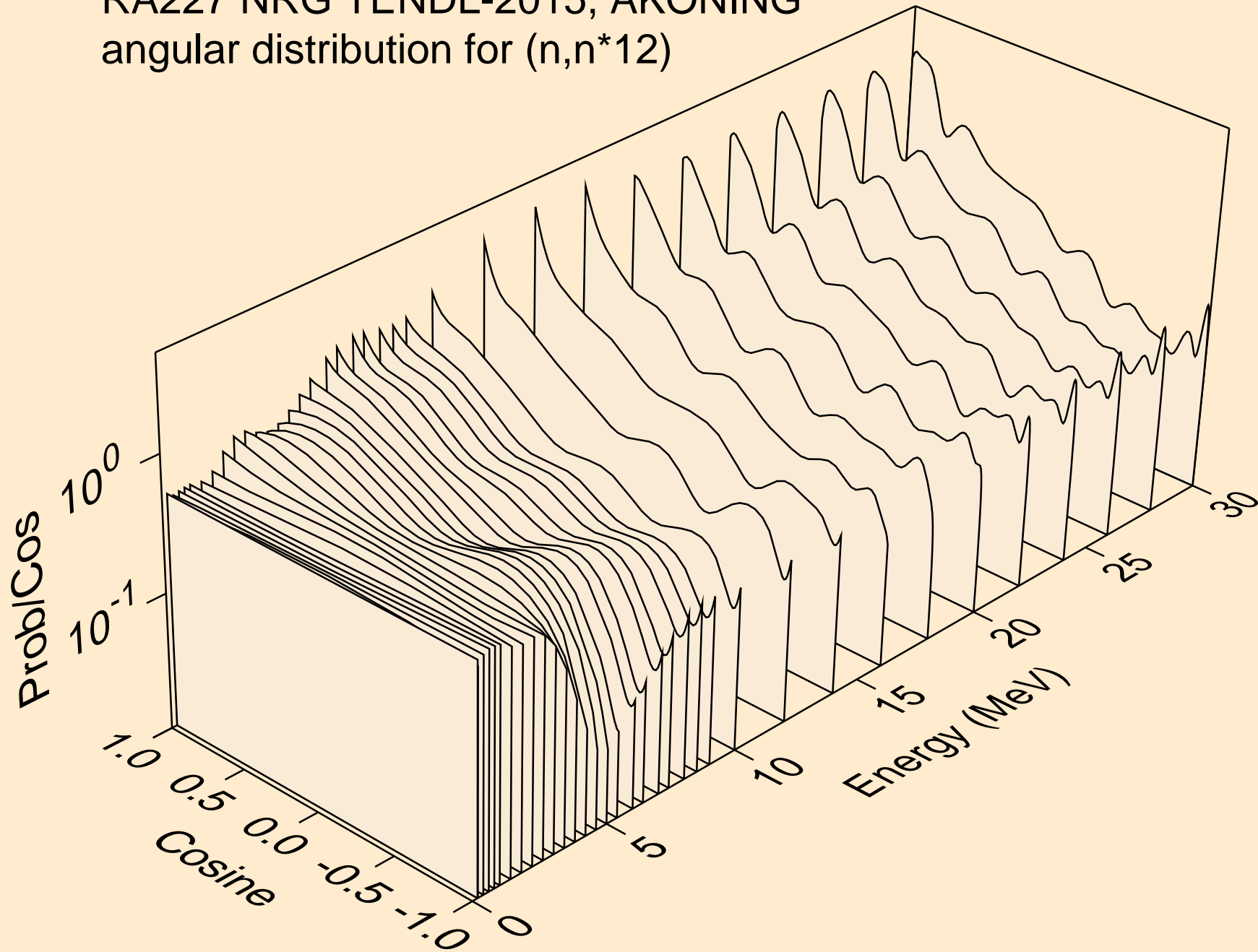
RA227 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



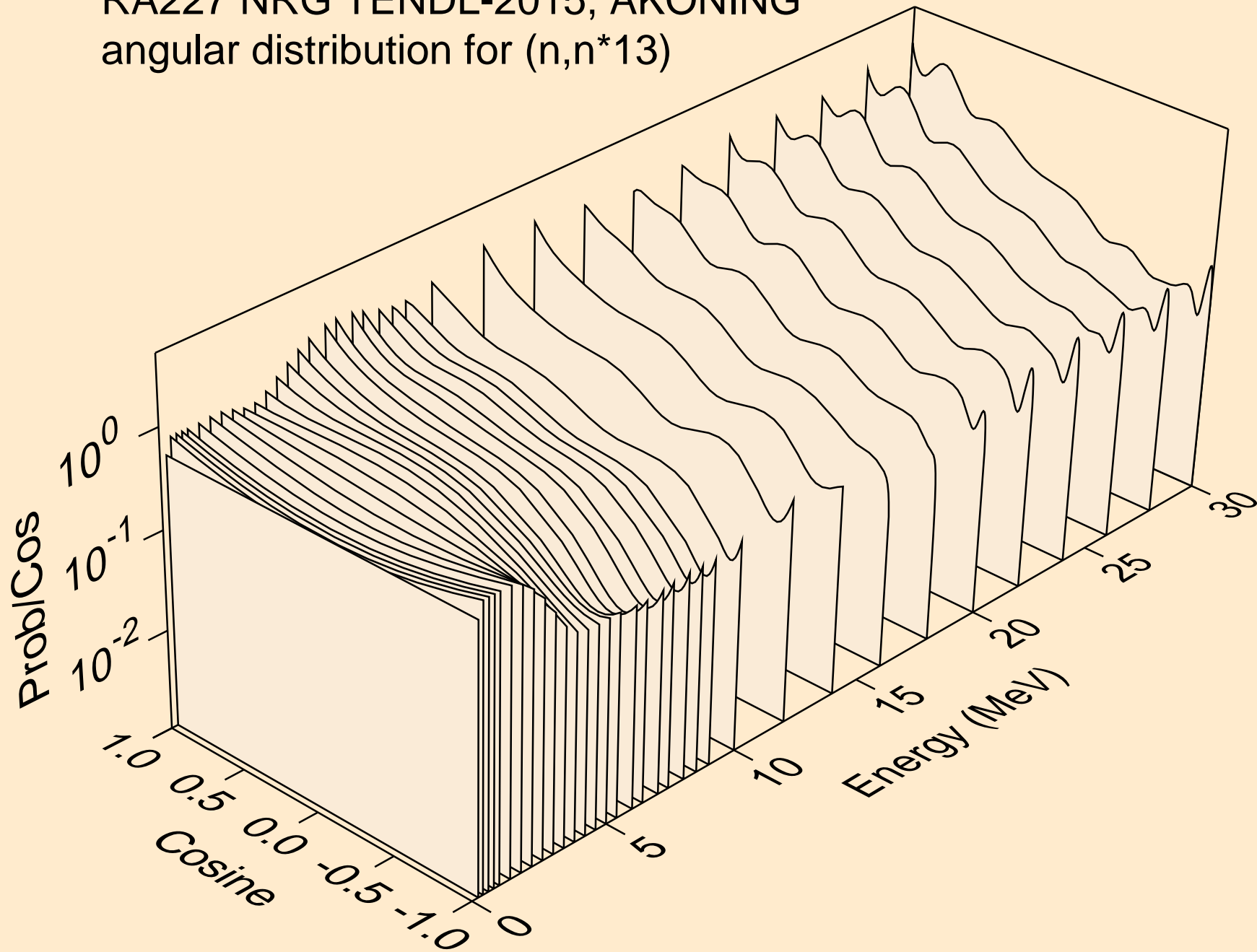
RA227 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



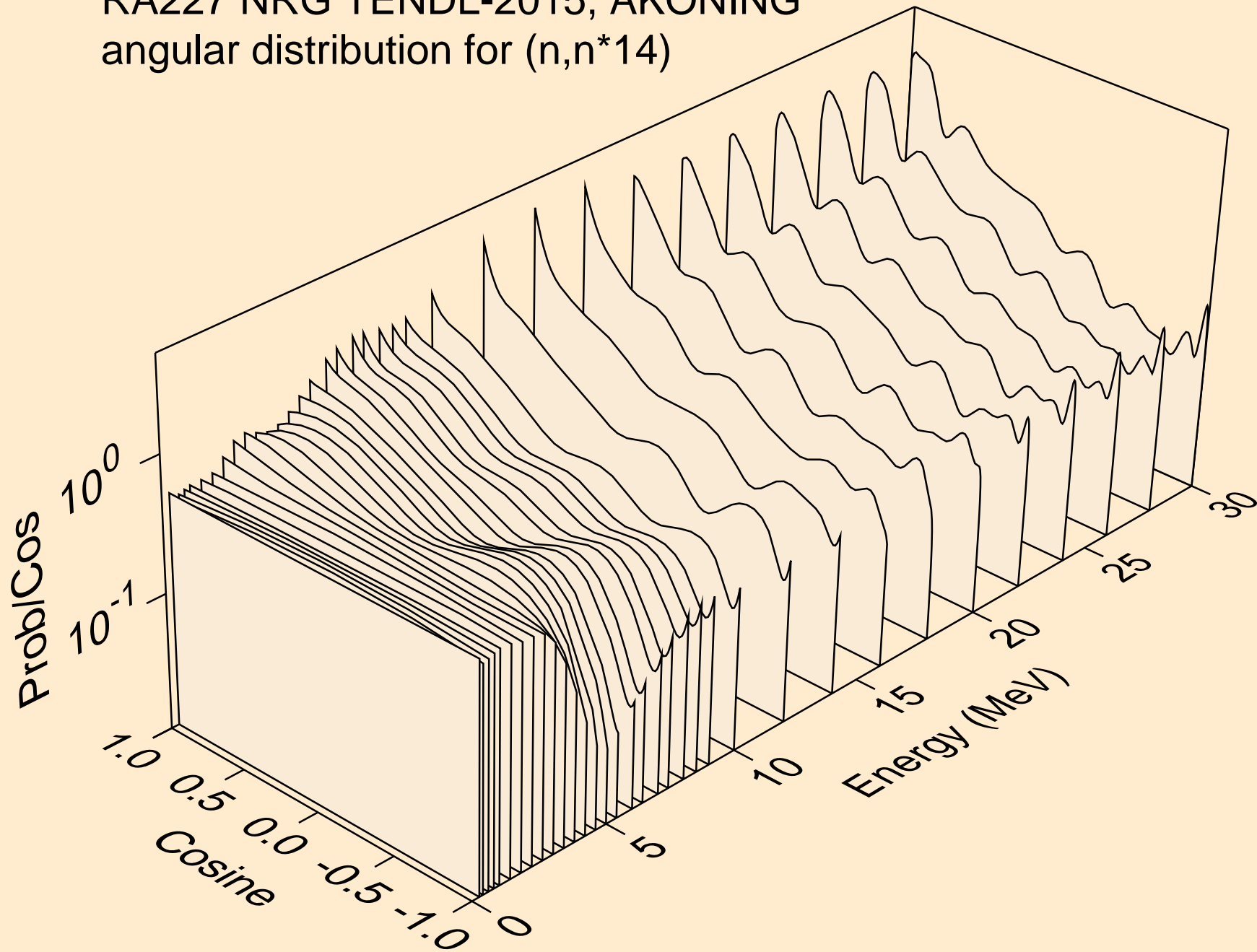
RA227 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



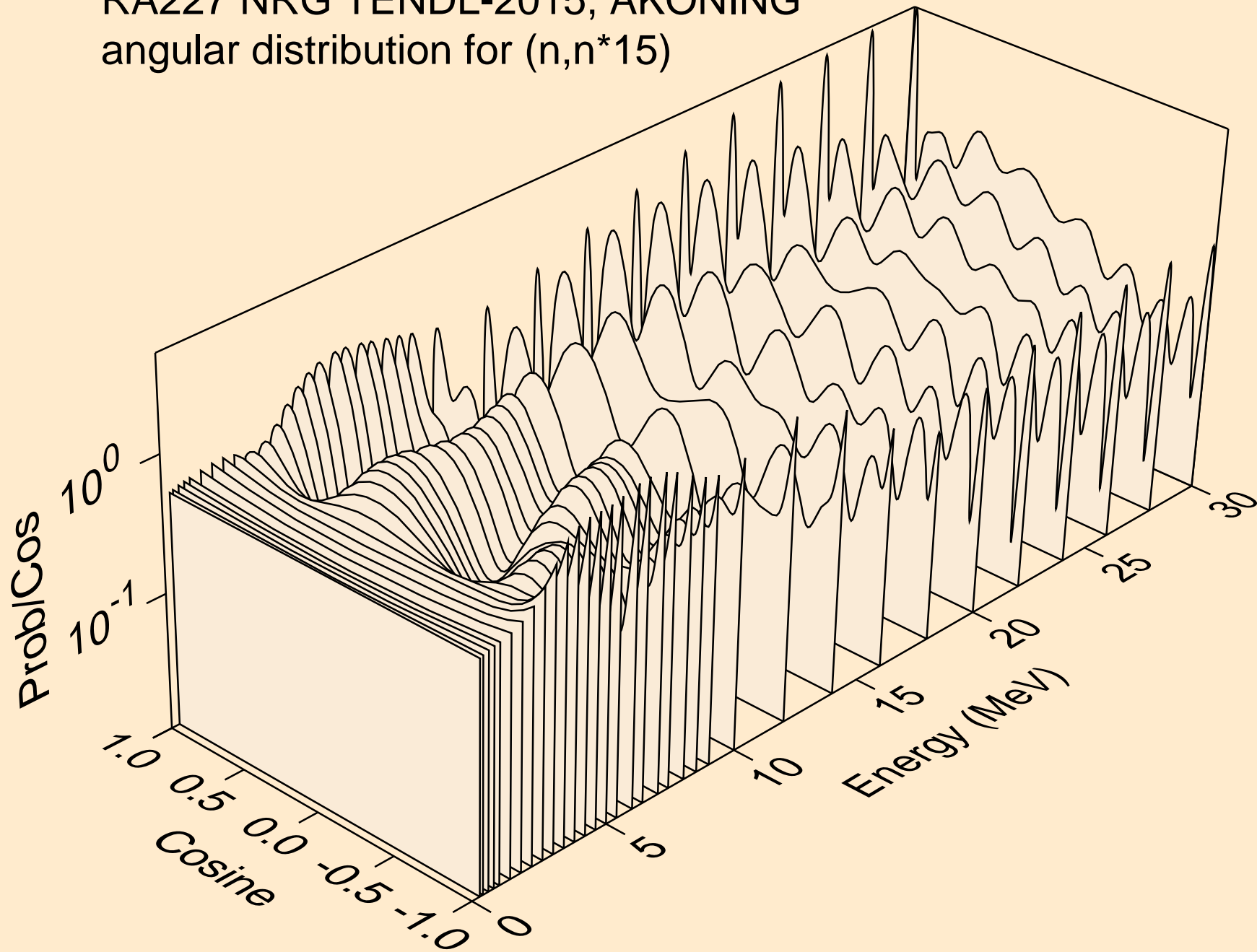
RA227 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



RA227 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

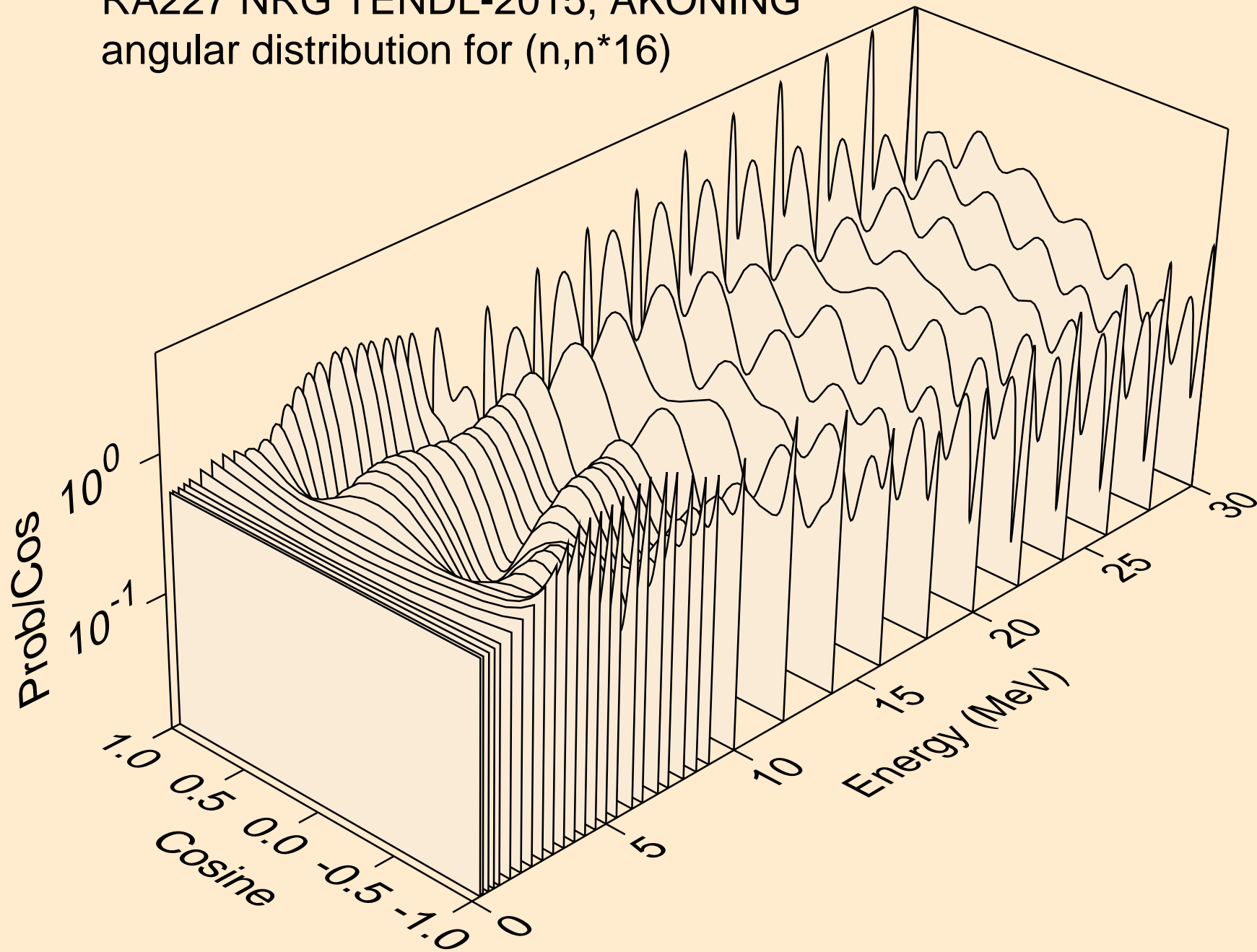


RA227 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

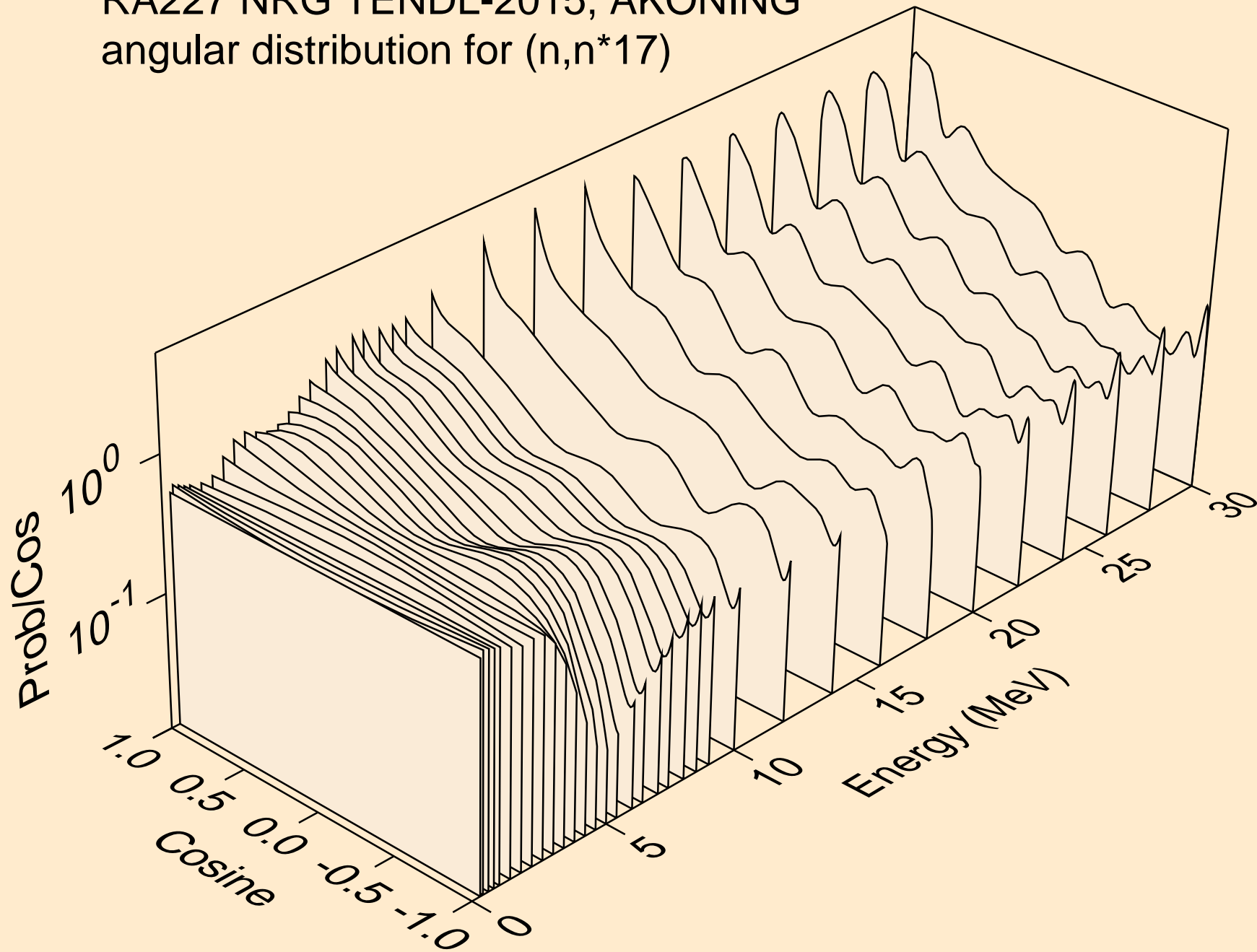




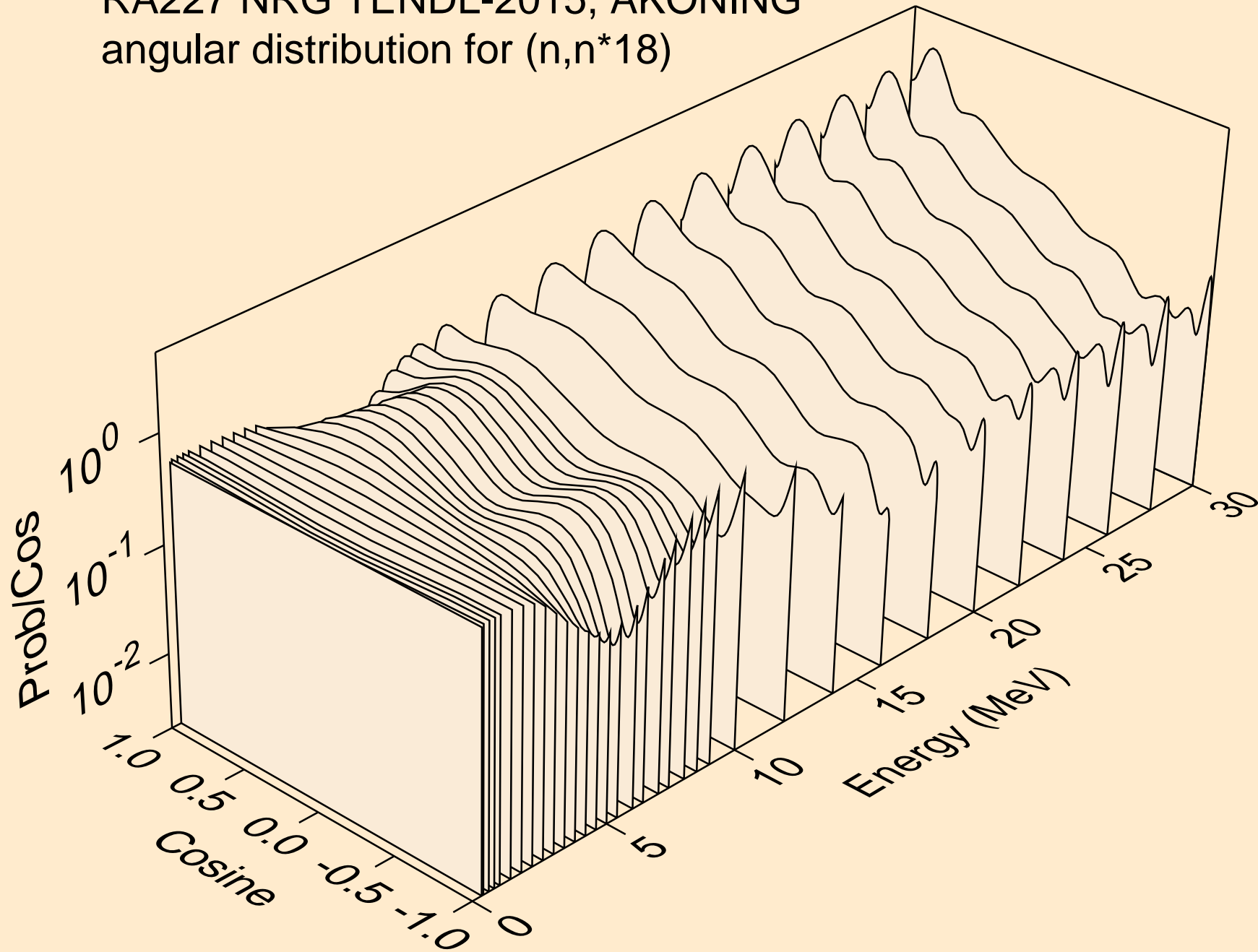
RA227 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



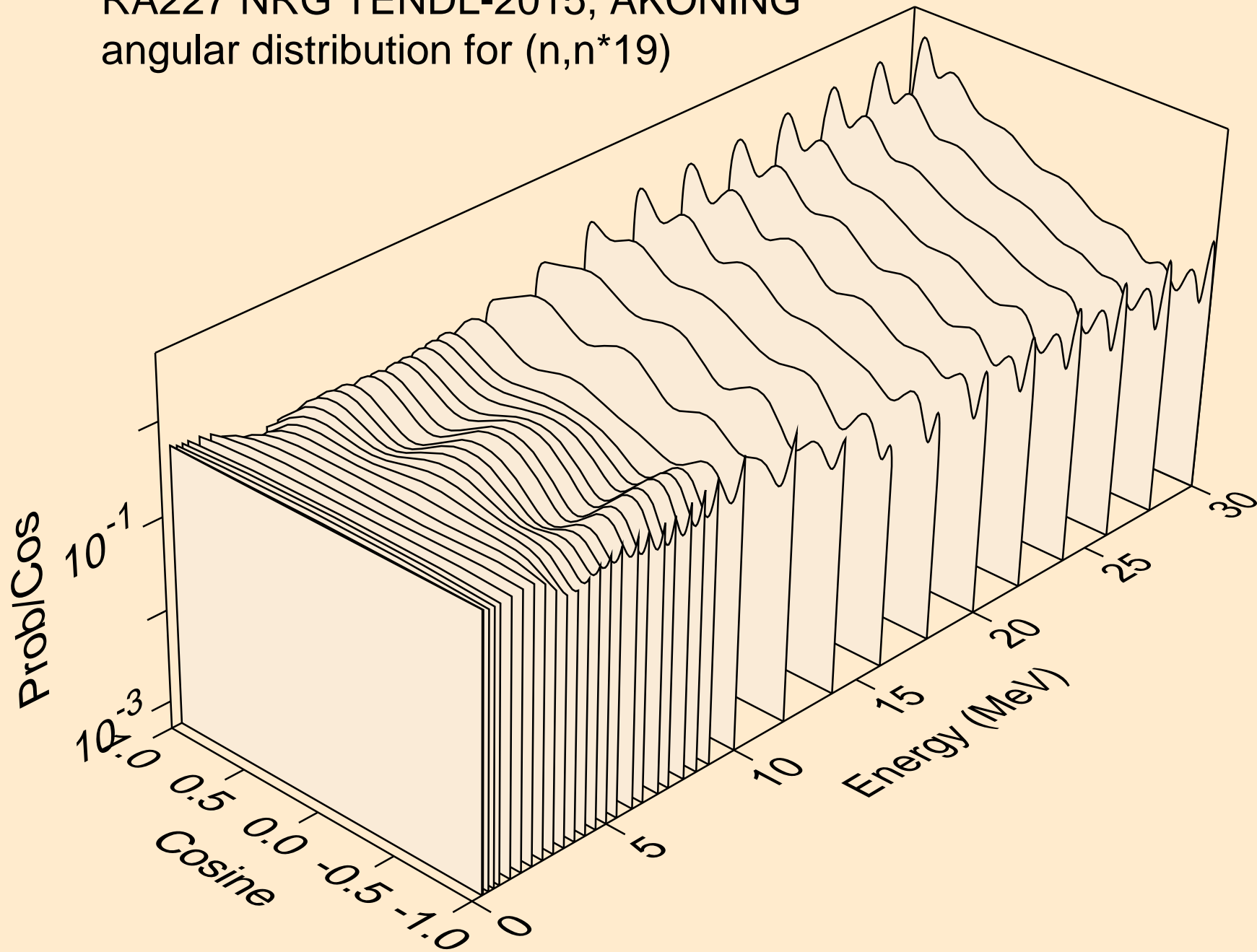
RA227 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



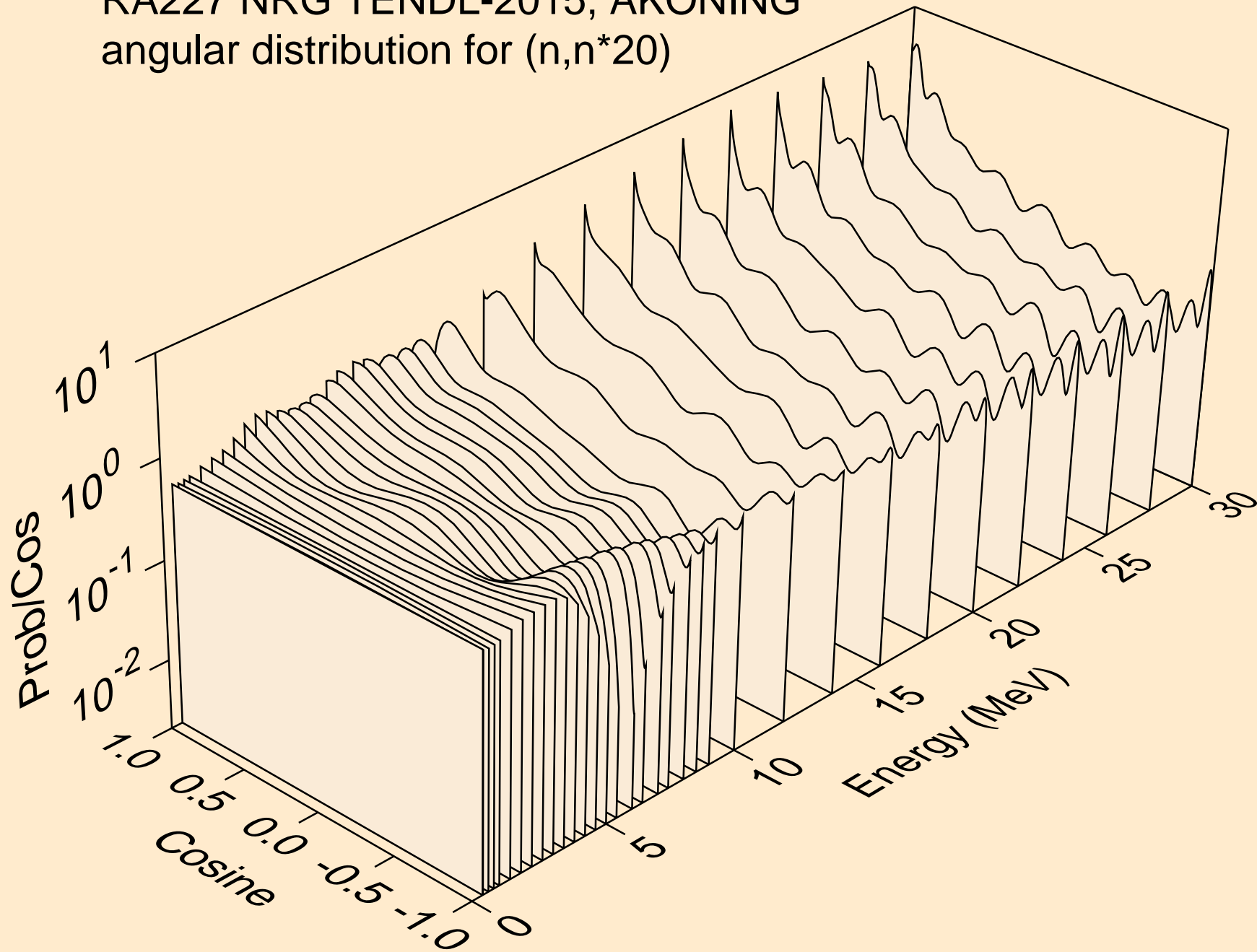
RA227 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



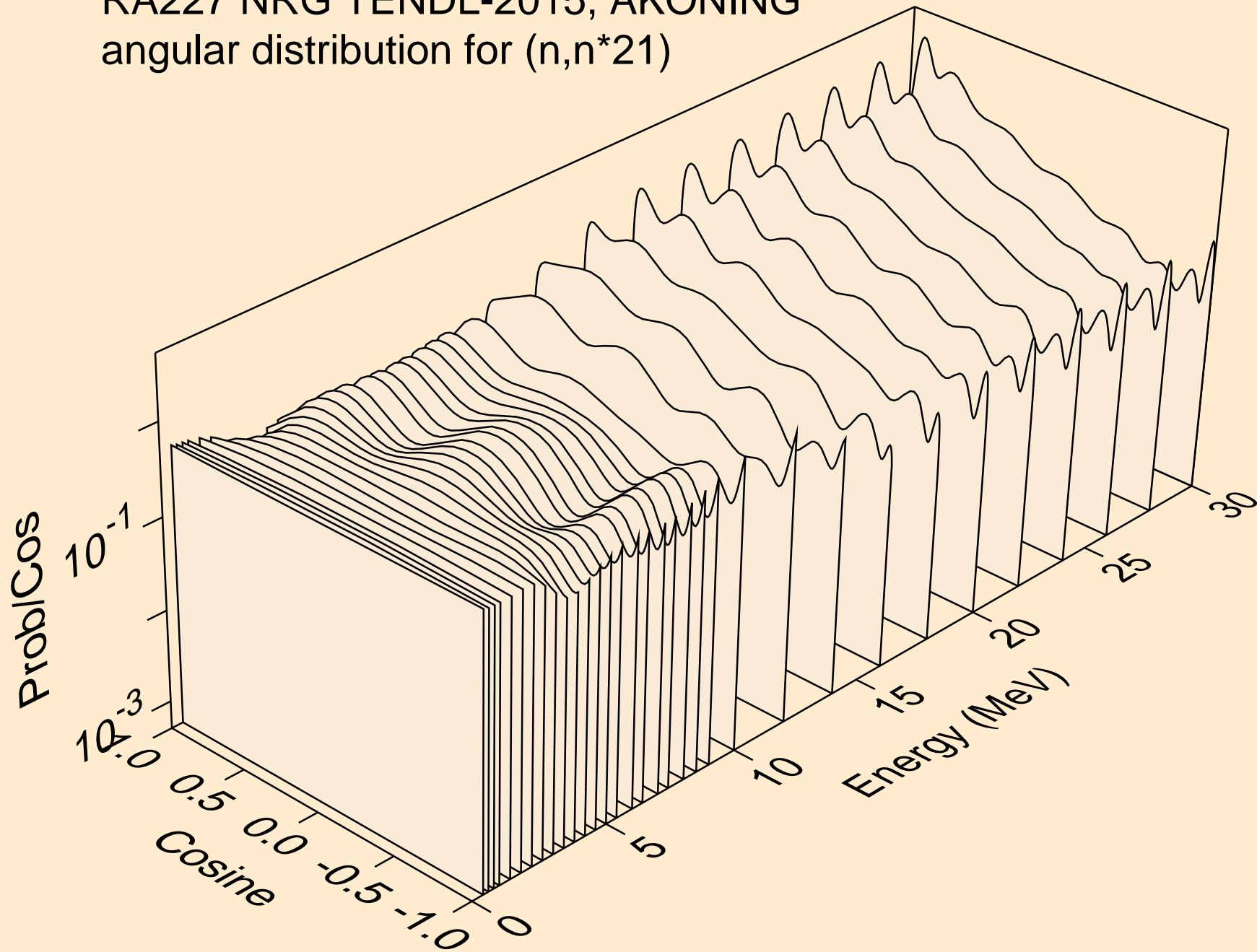
RA227 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



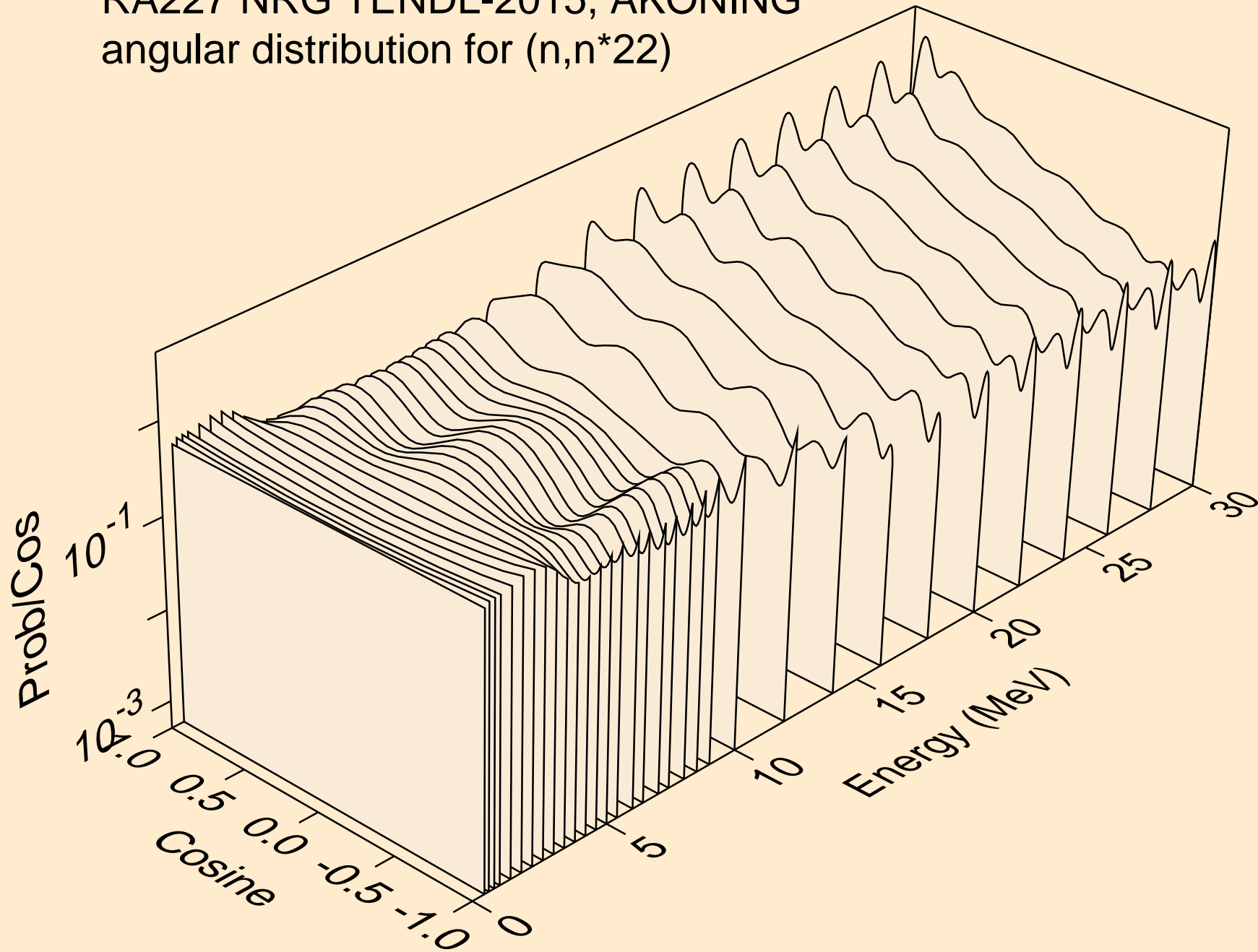
RA227 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



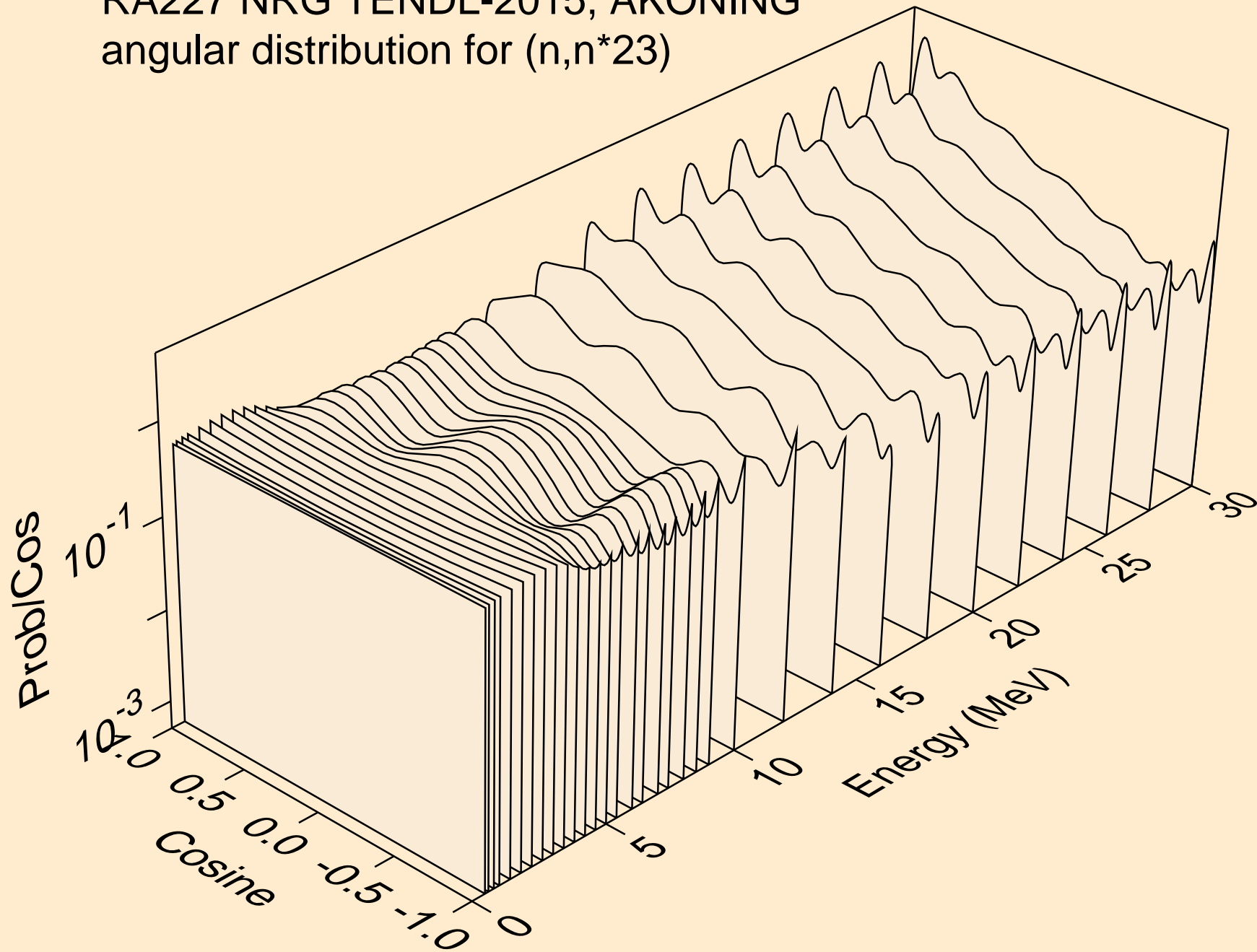
RA227 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



RA227 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

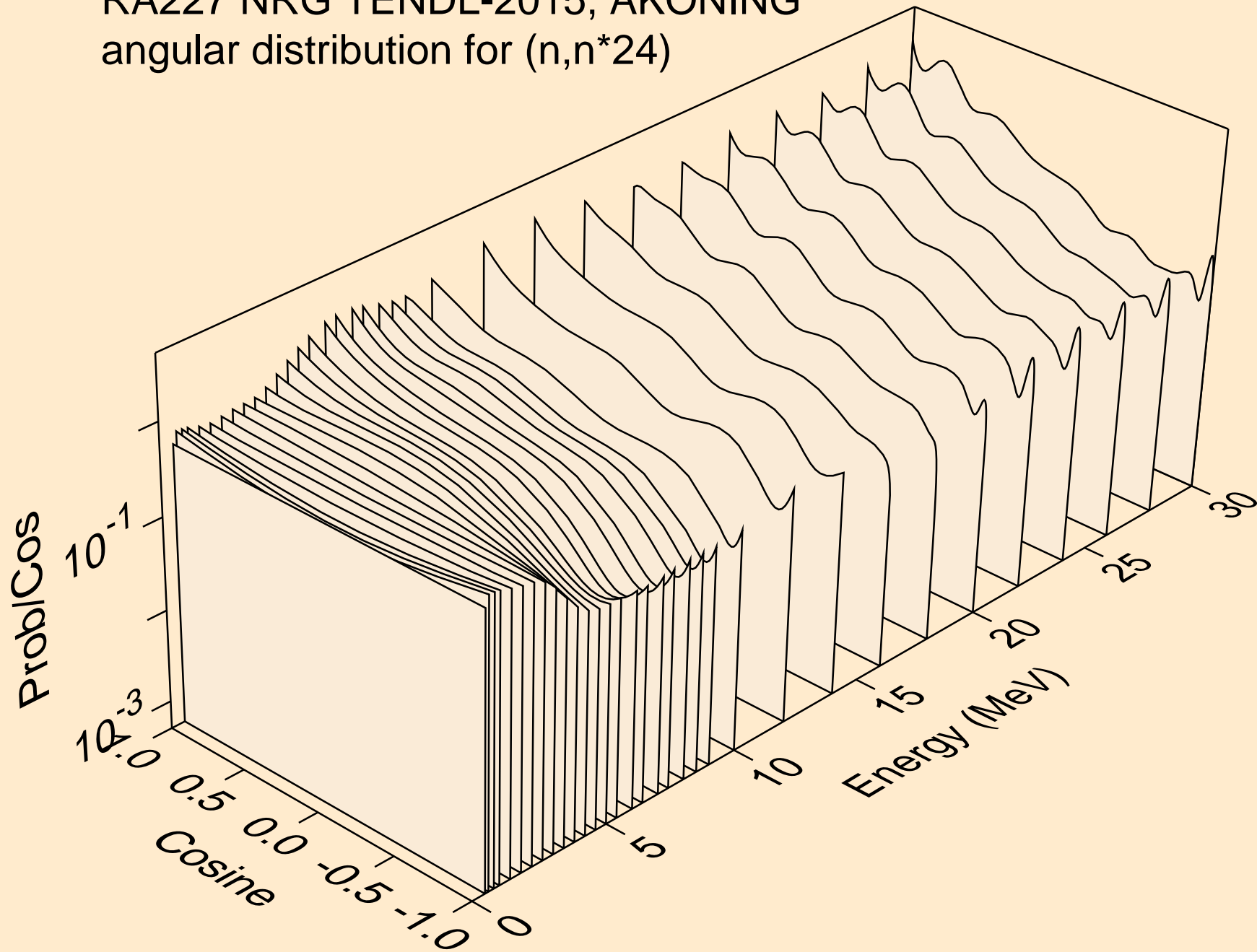


RA227 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)

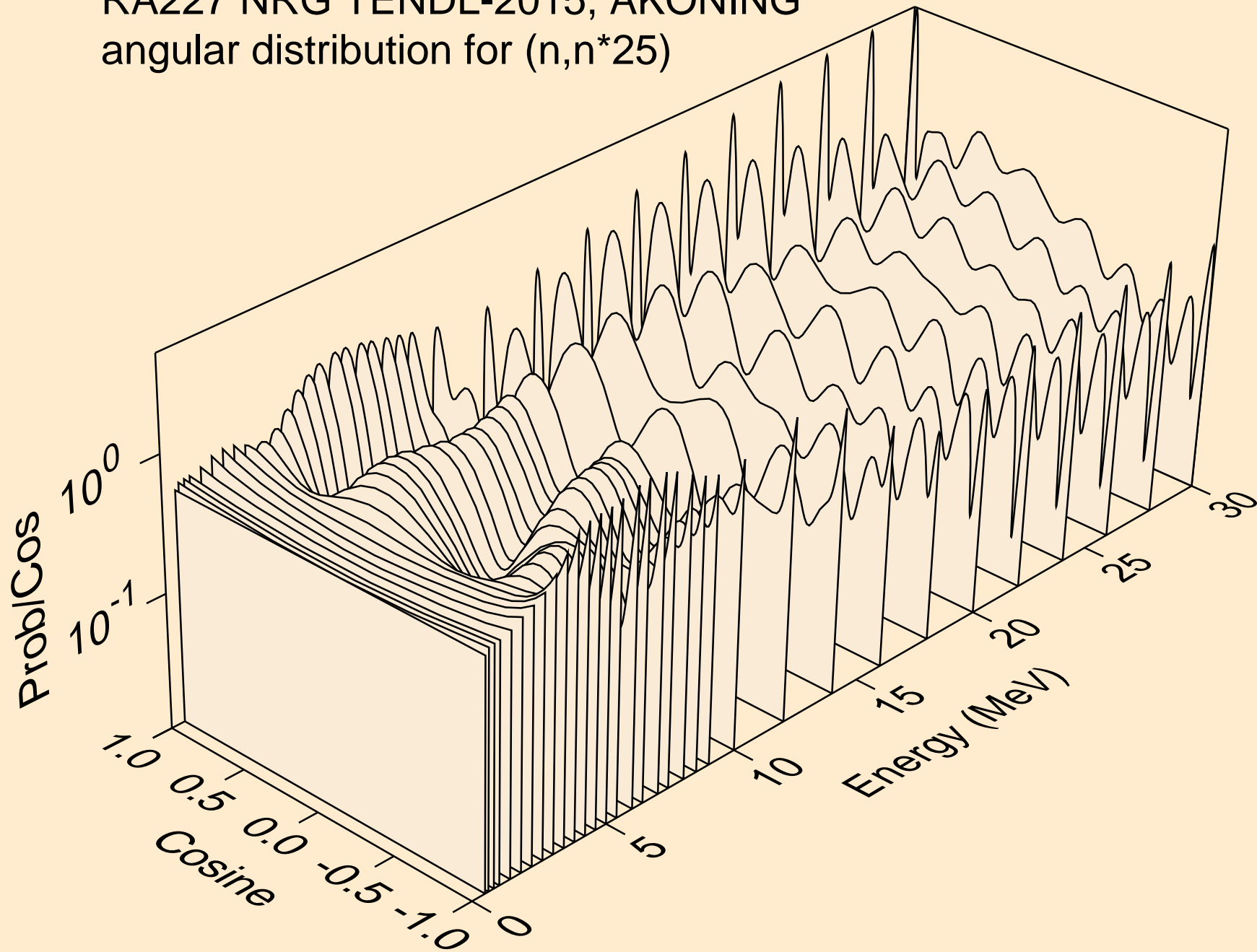




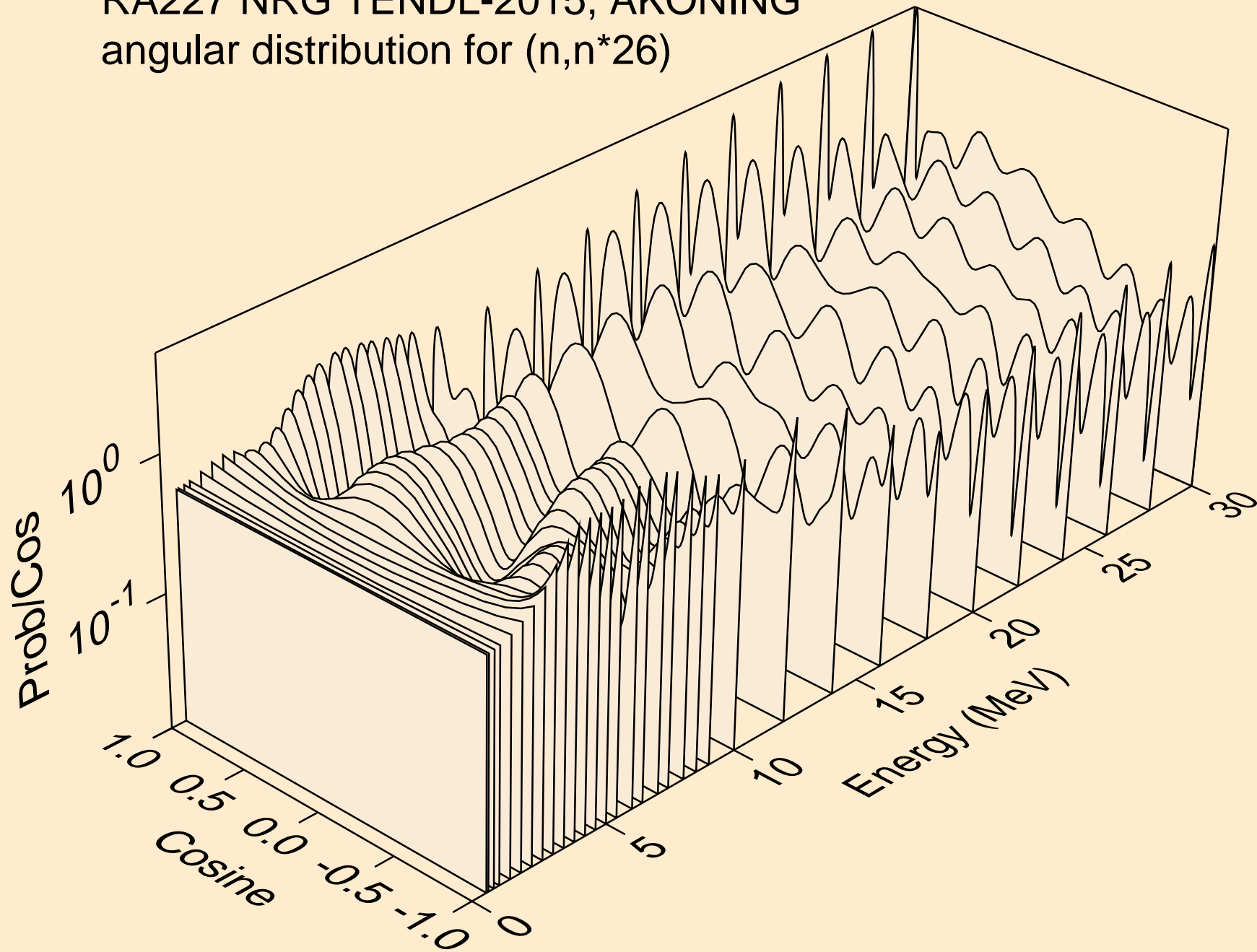
RA227 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



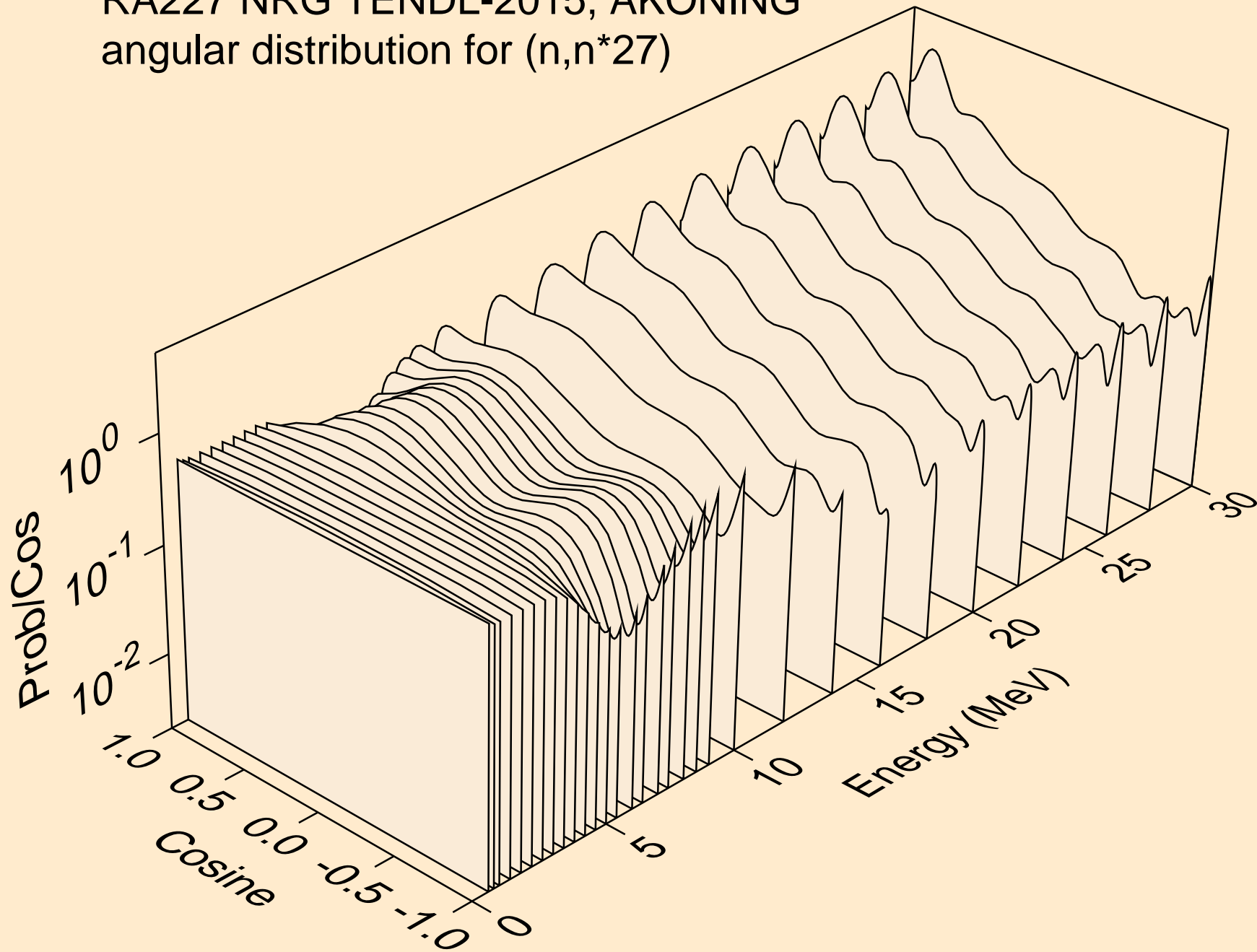
RA227 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



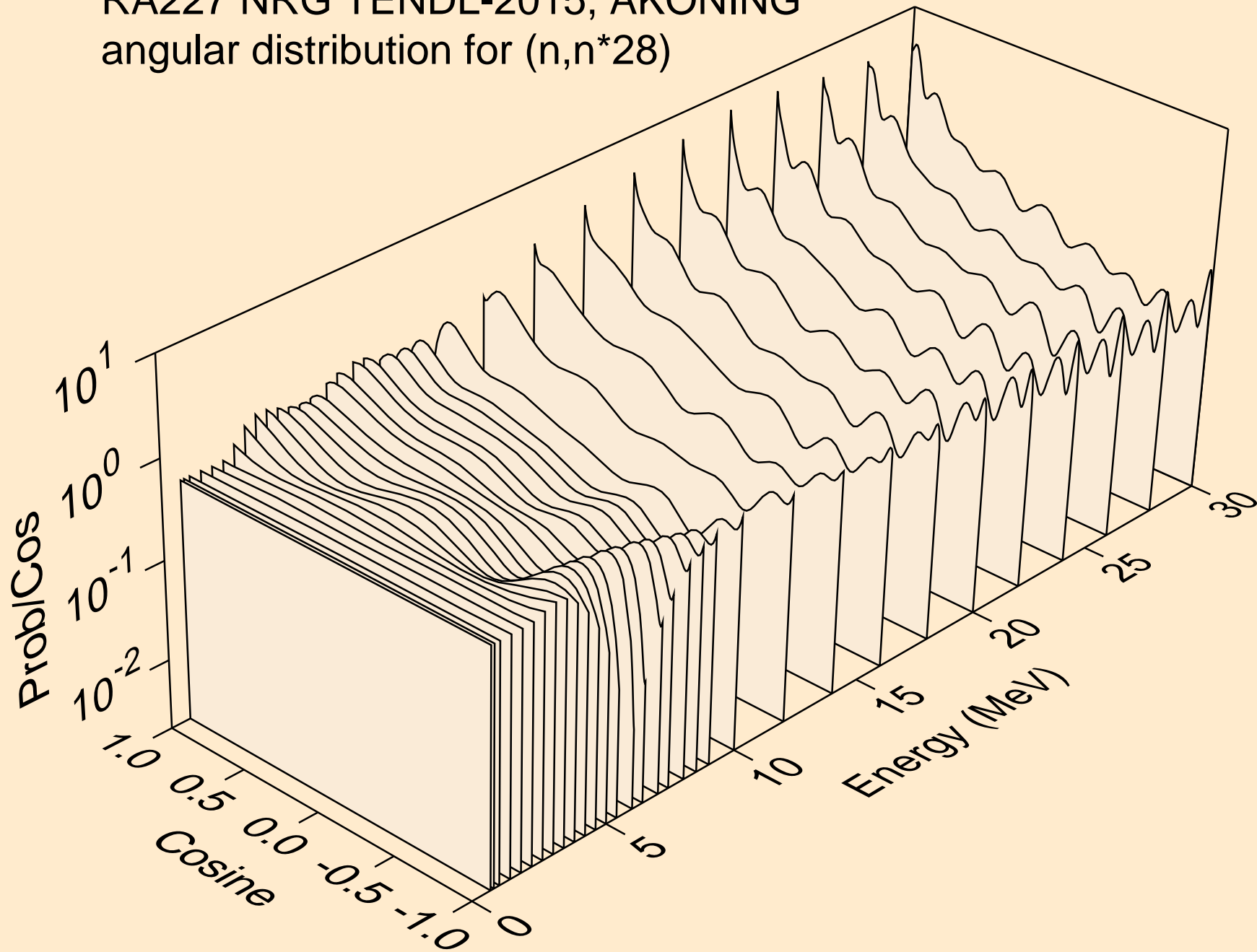
RA227 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



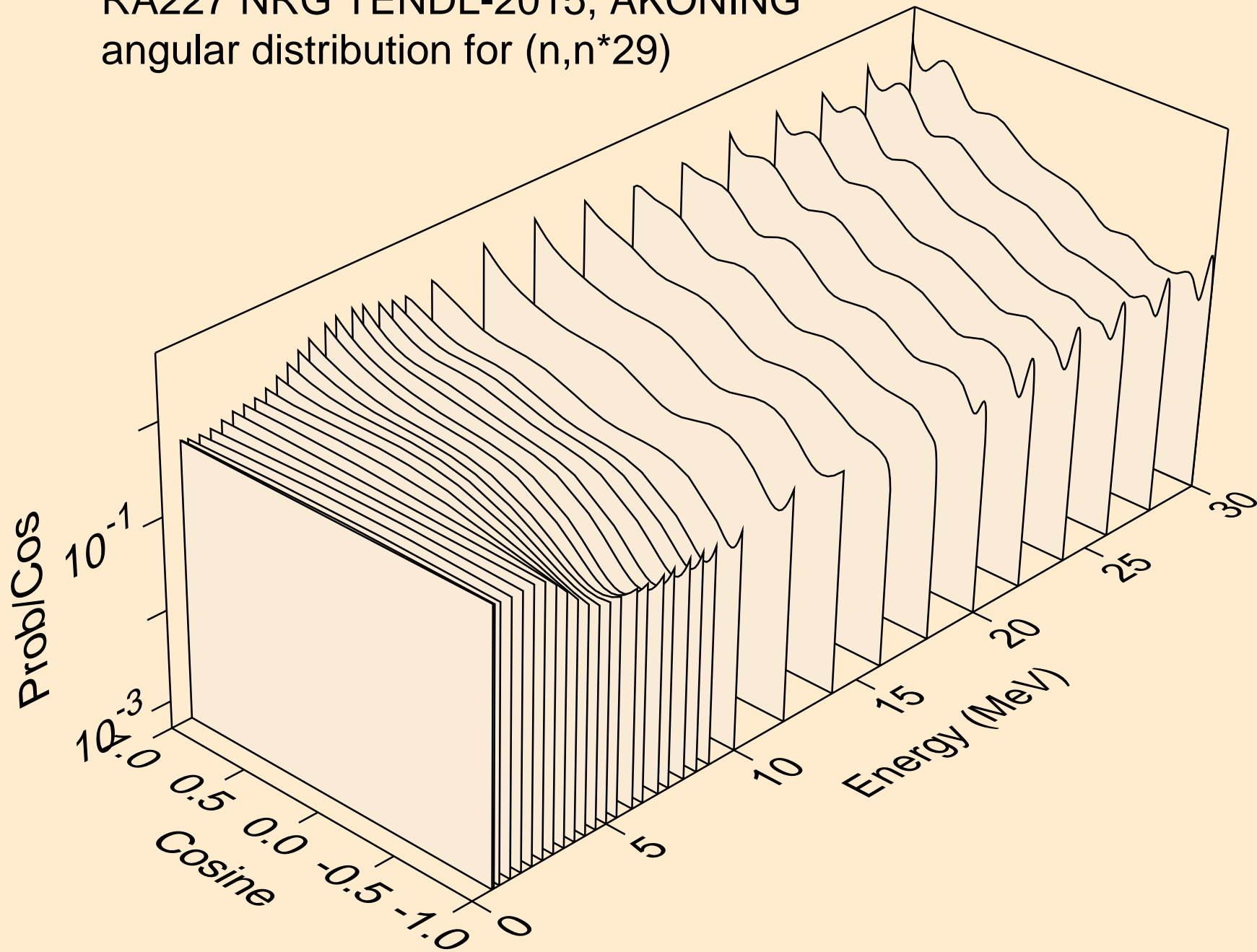
RA227 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



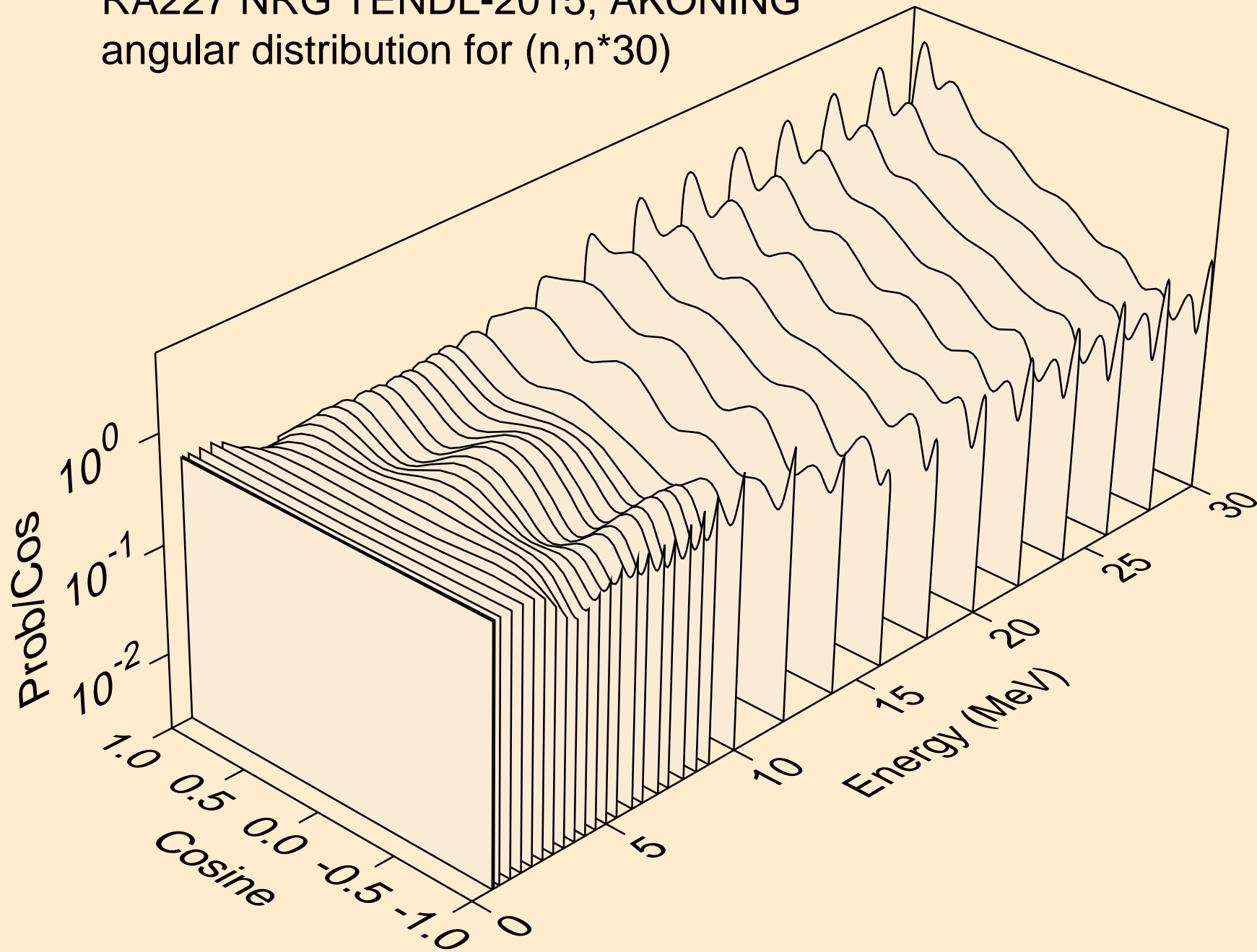
RA227 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



RA227 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)

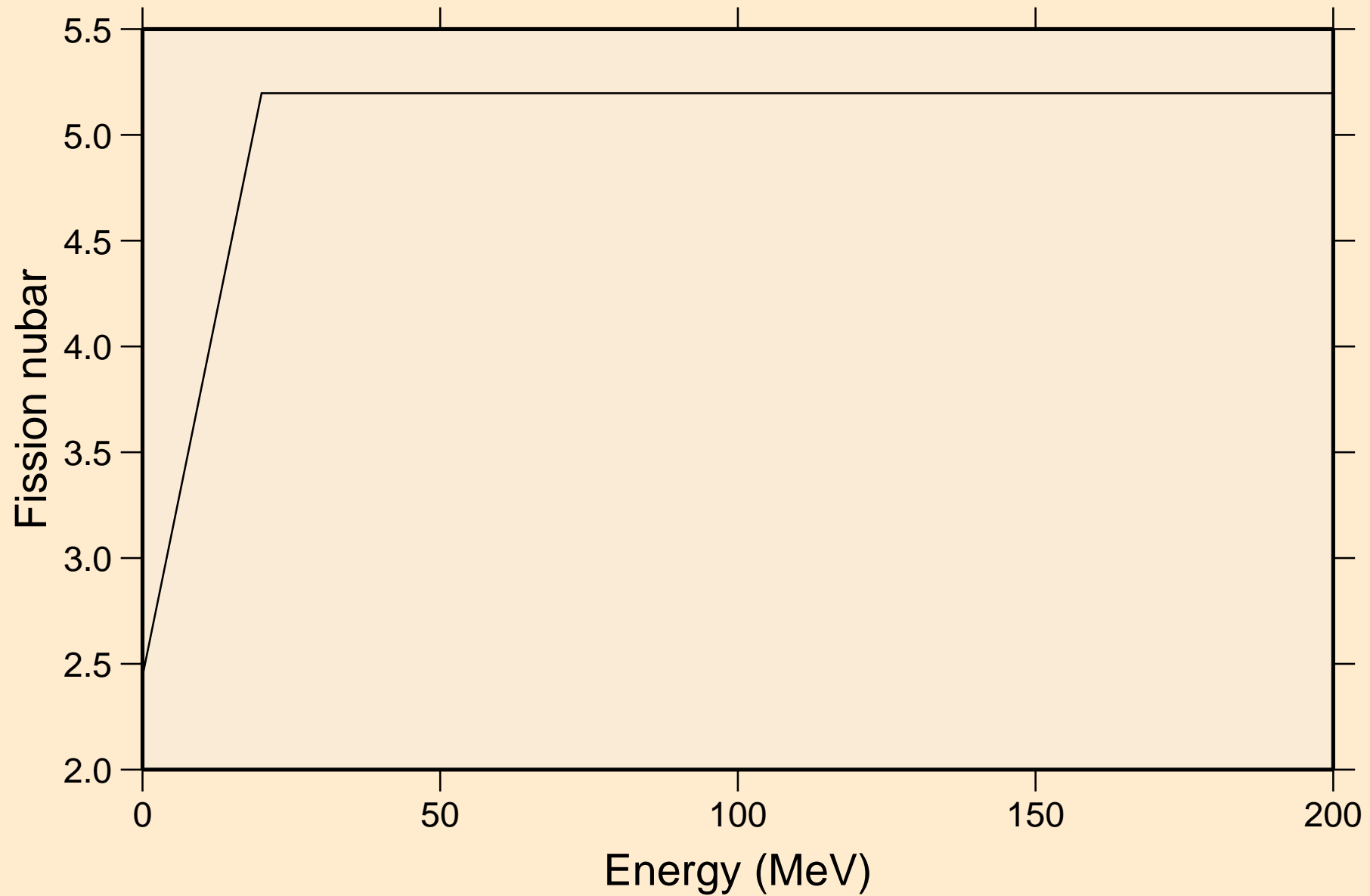


RA227 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)



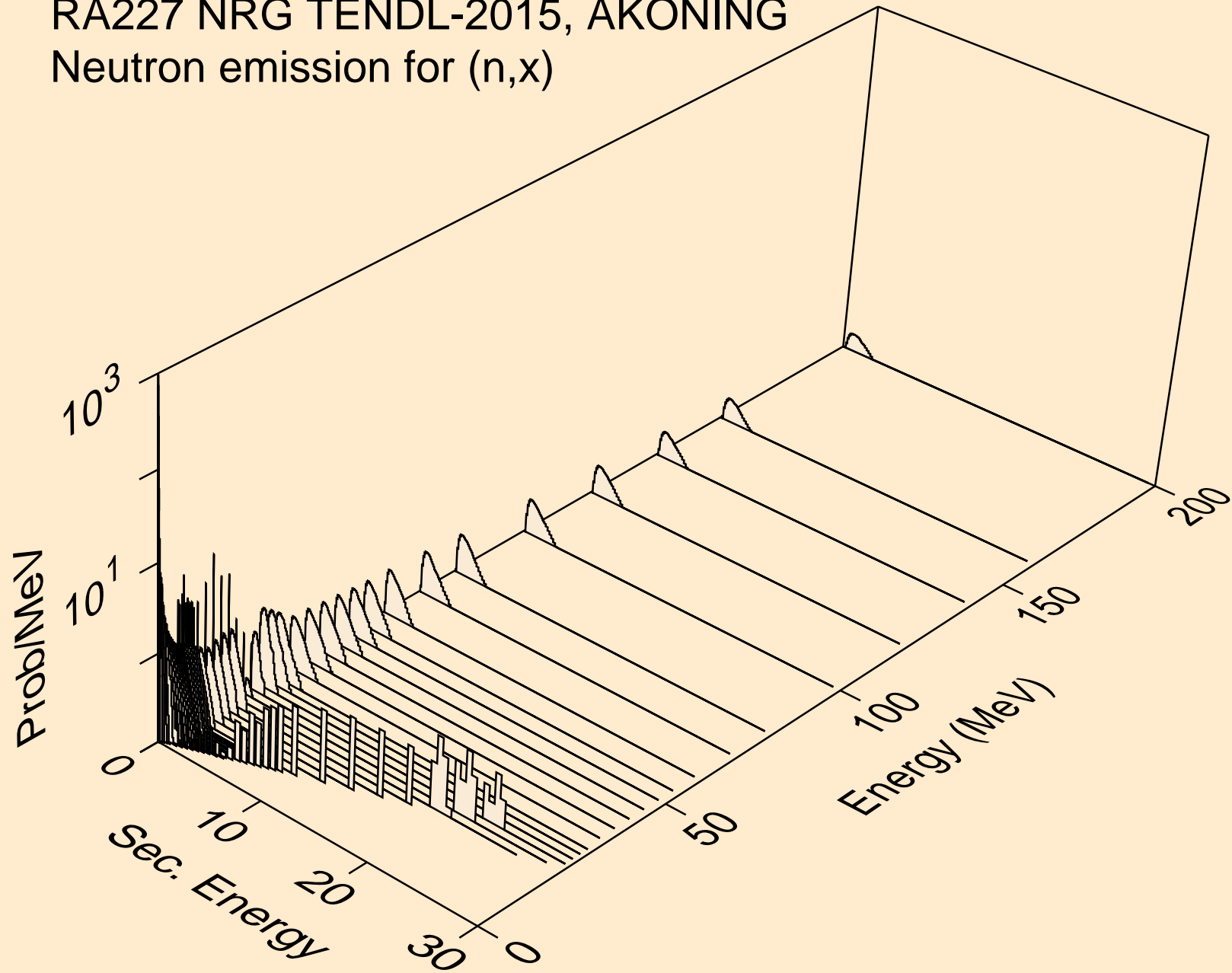
# RA227 NRG TENDL-2015, AKONING

Total fission nubar

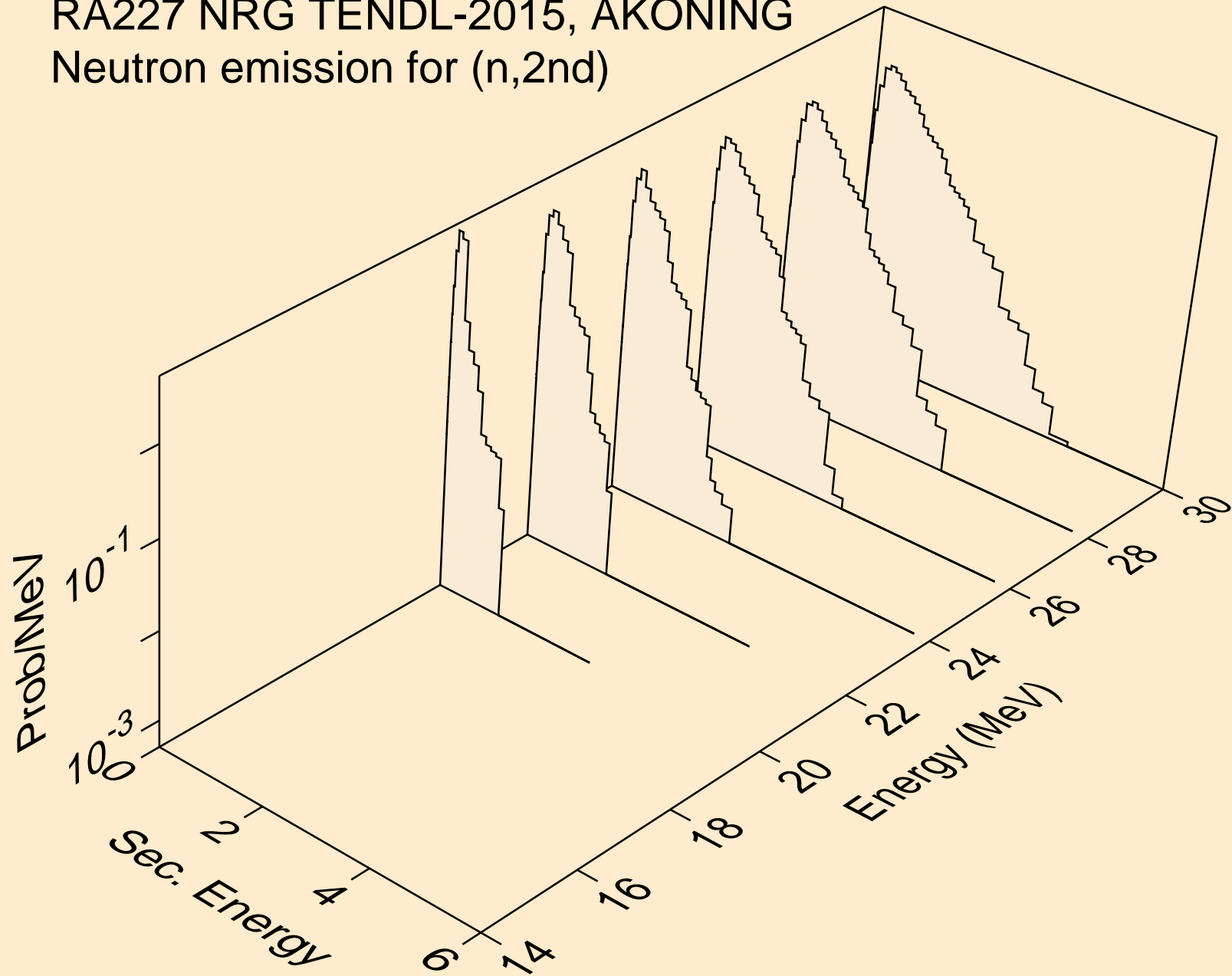




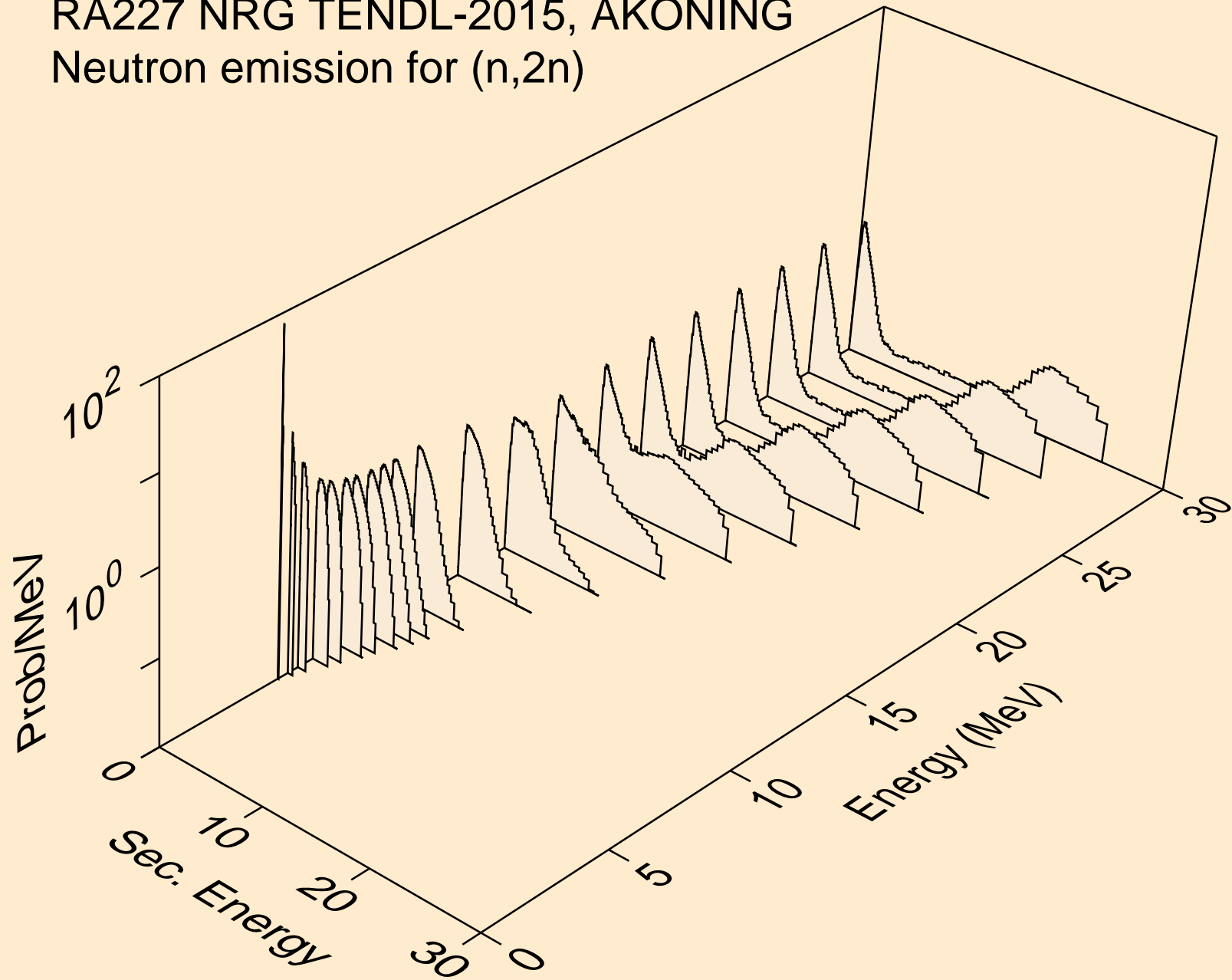
RA227 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



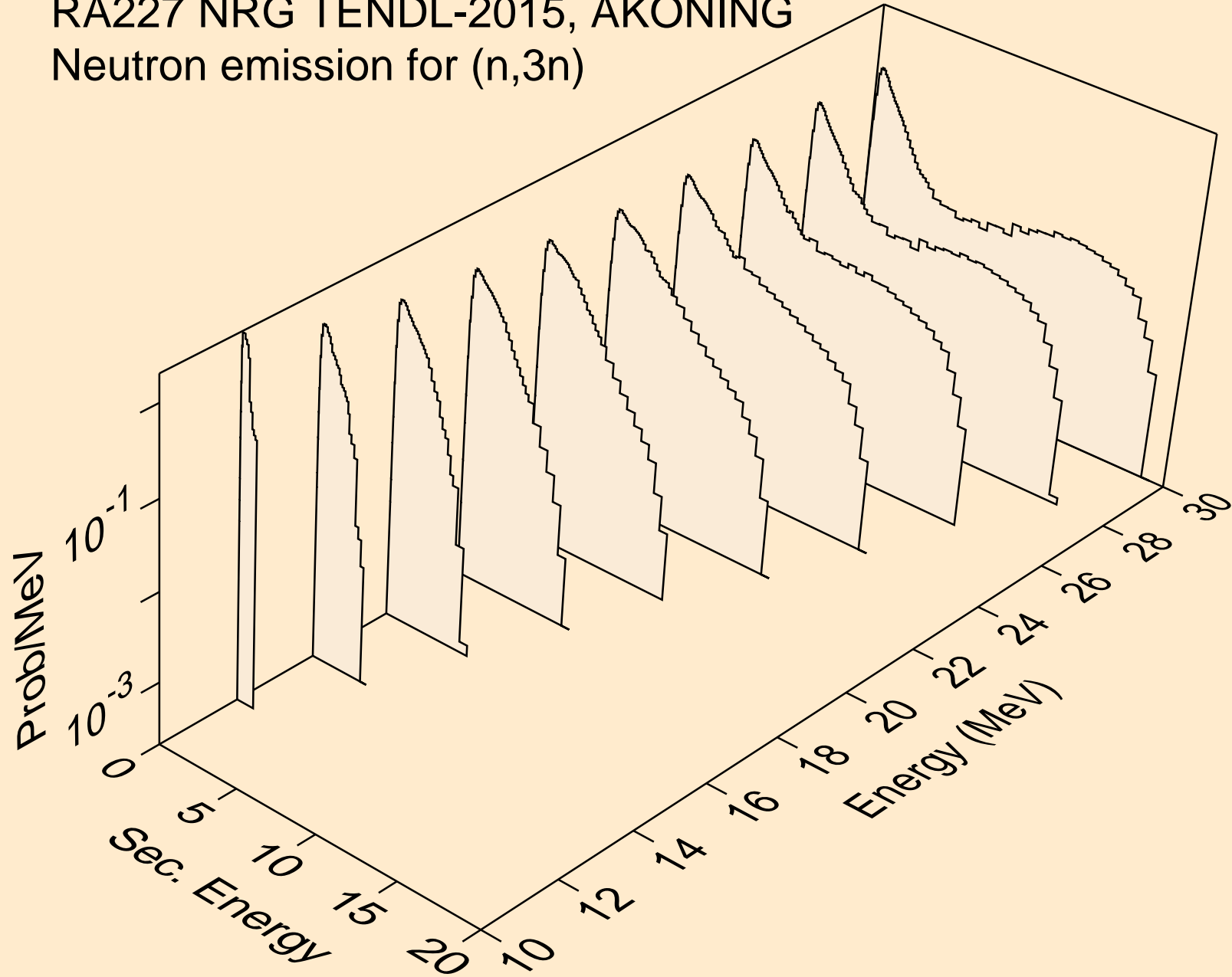
RA227 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



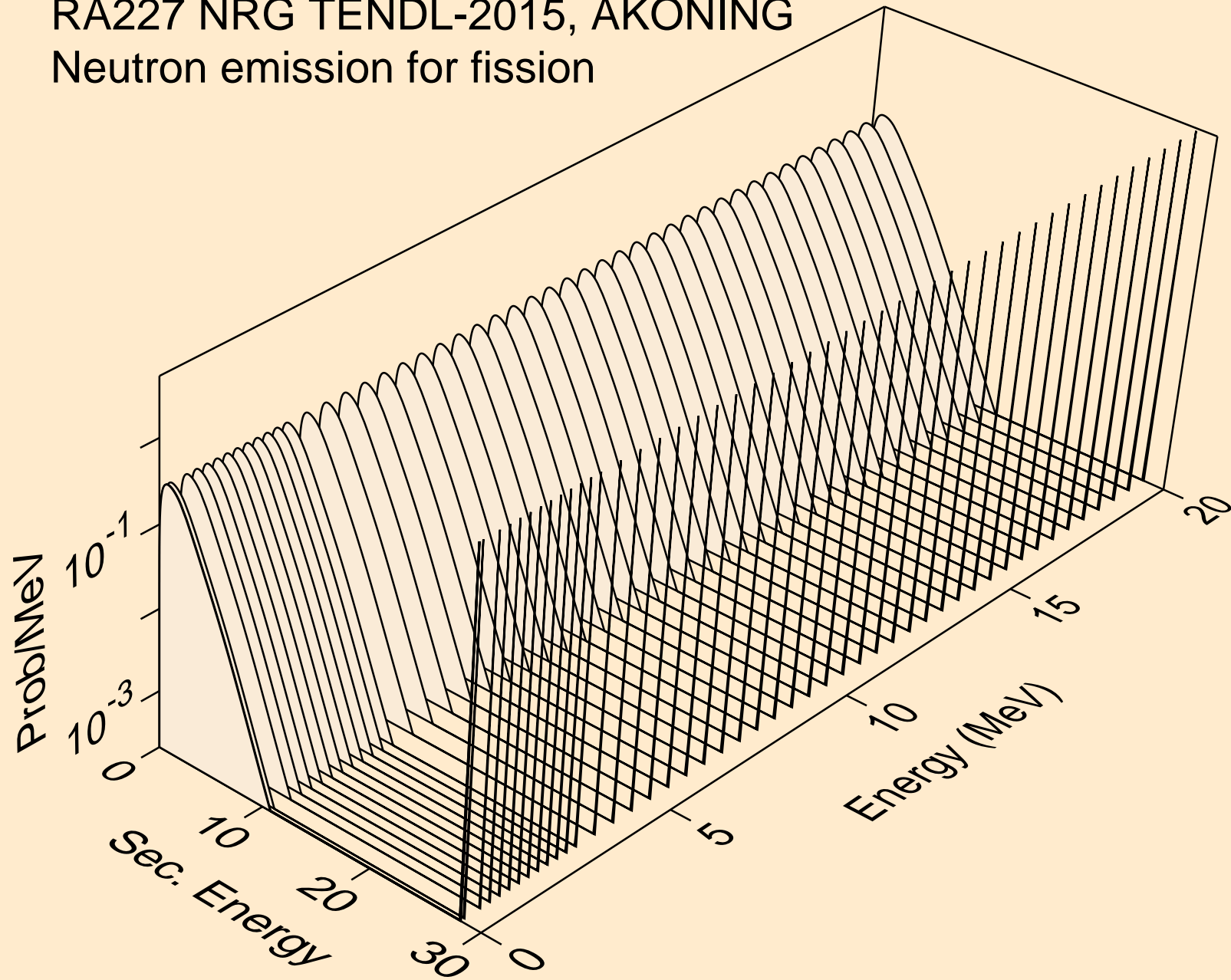
RA227 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



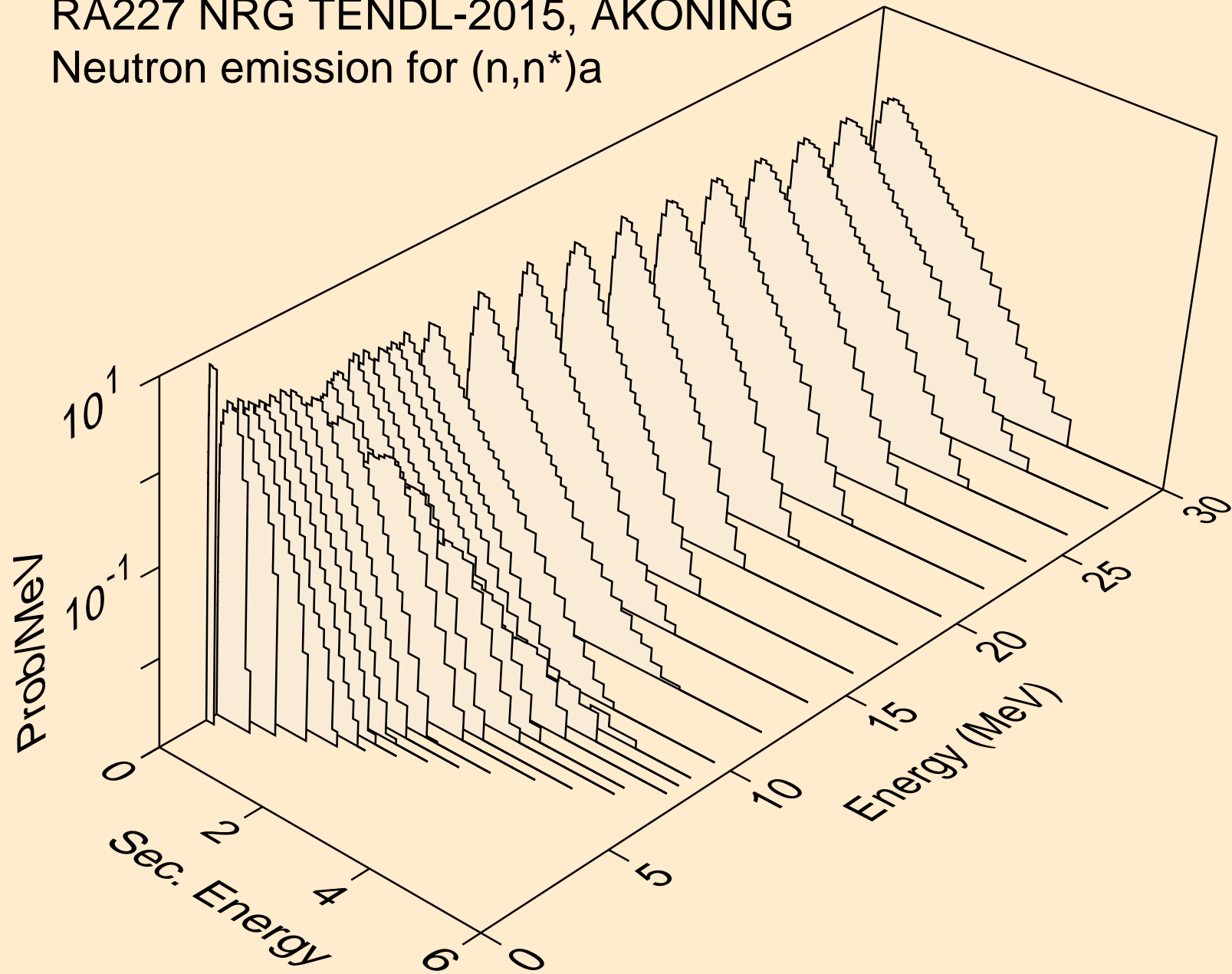
RA227 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



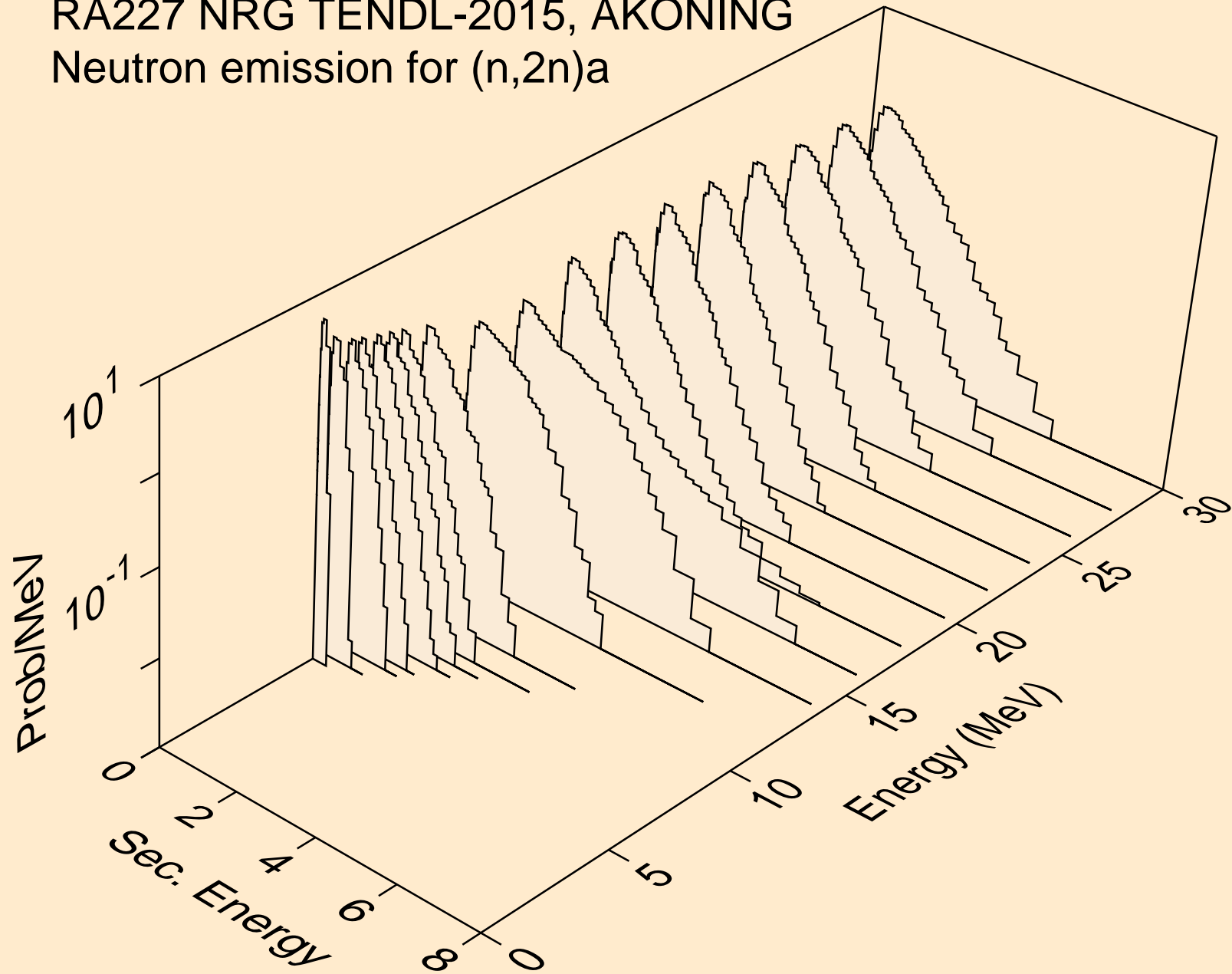
RA227 NRG TENDL-2015, AKONING  
Neutron emission for fission



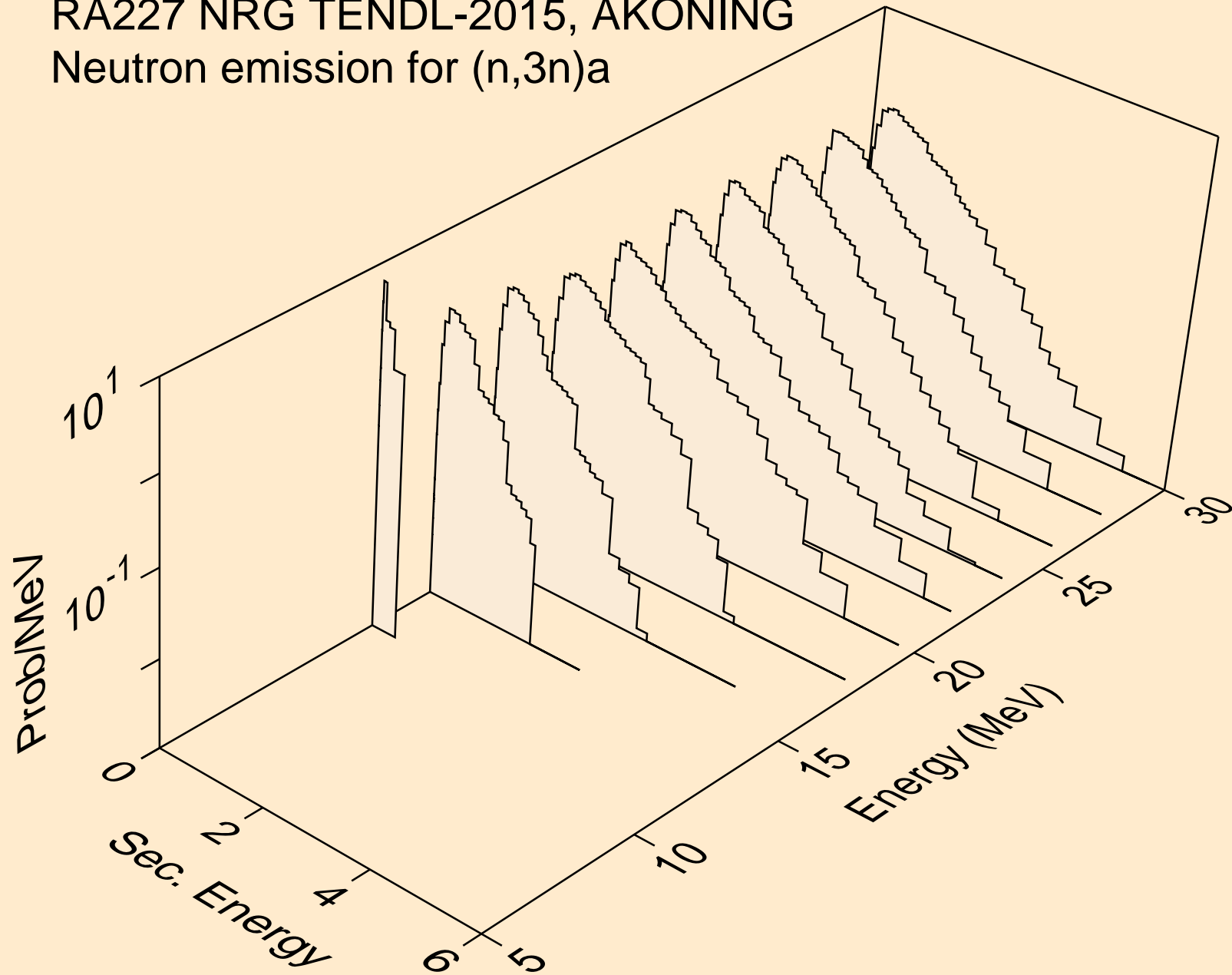
RA227 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



RA227 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a

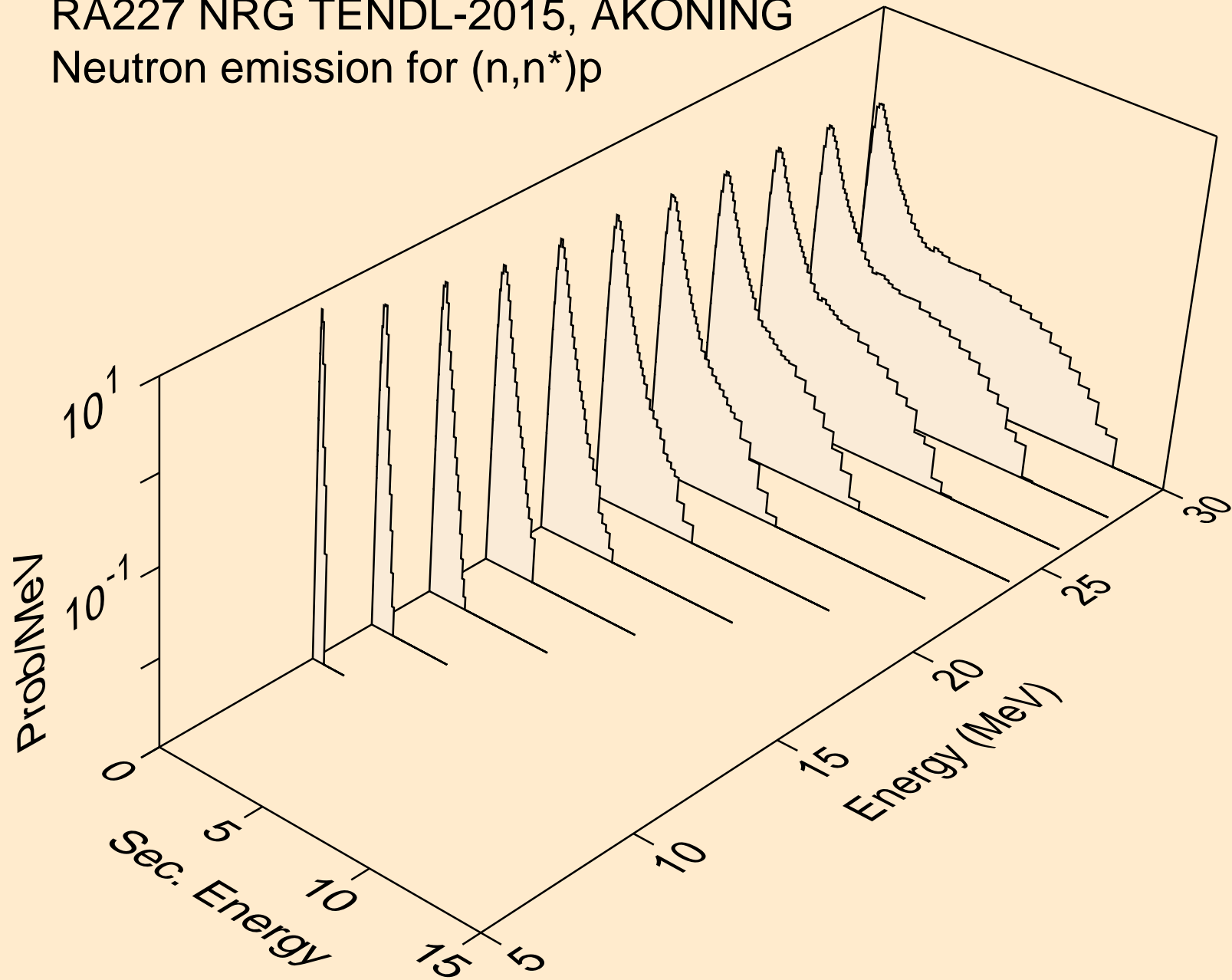


RA227 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

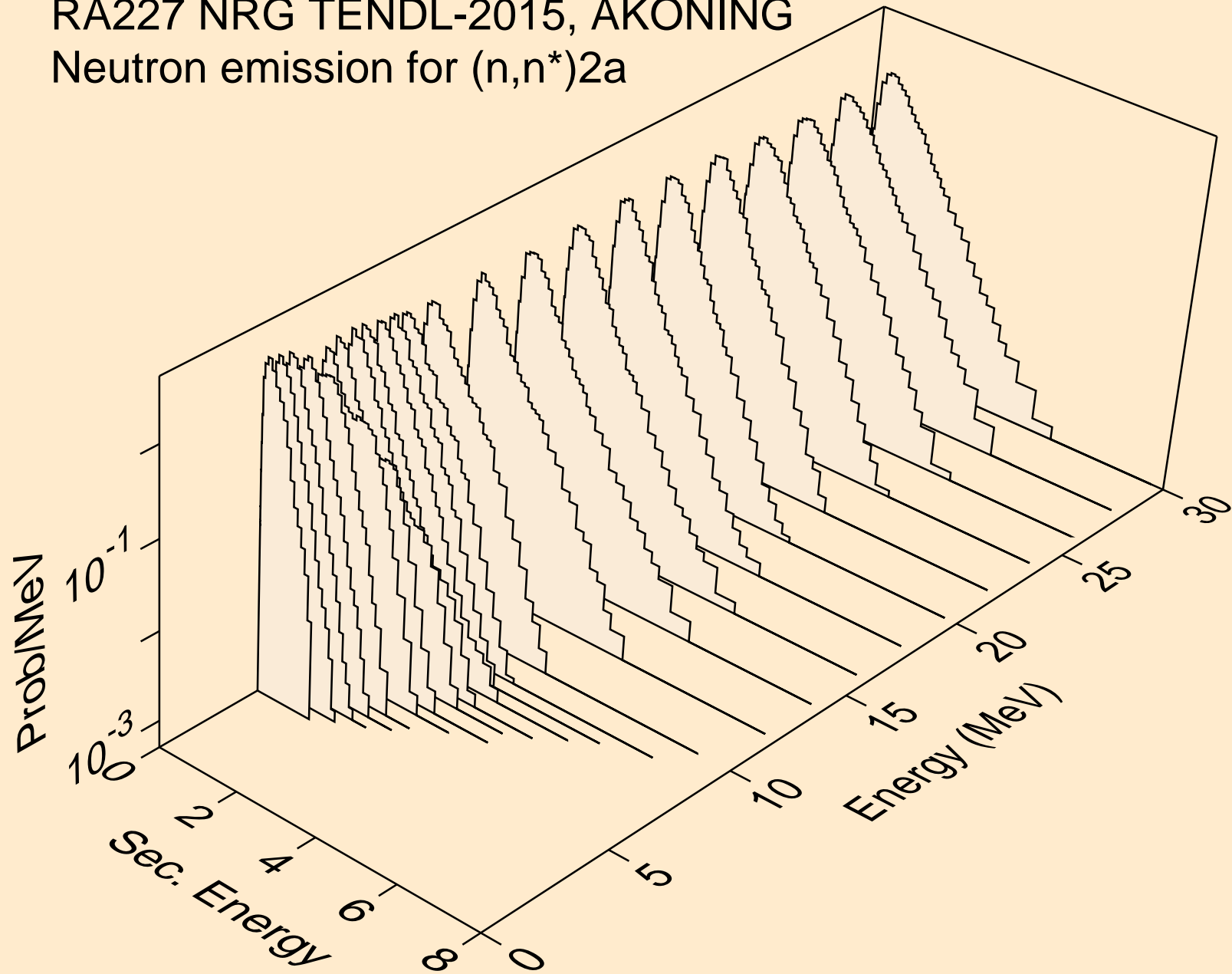




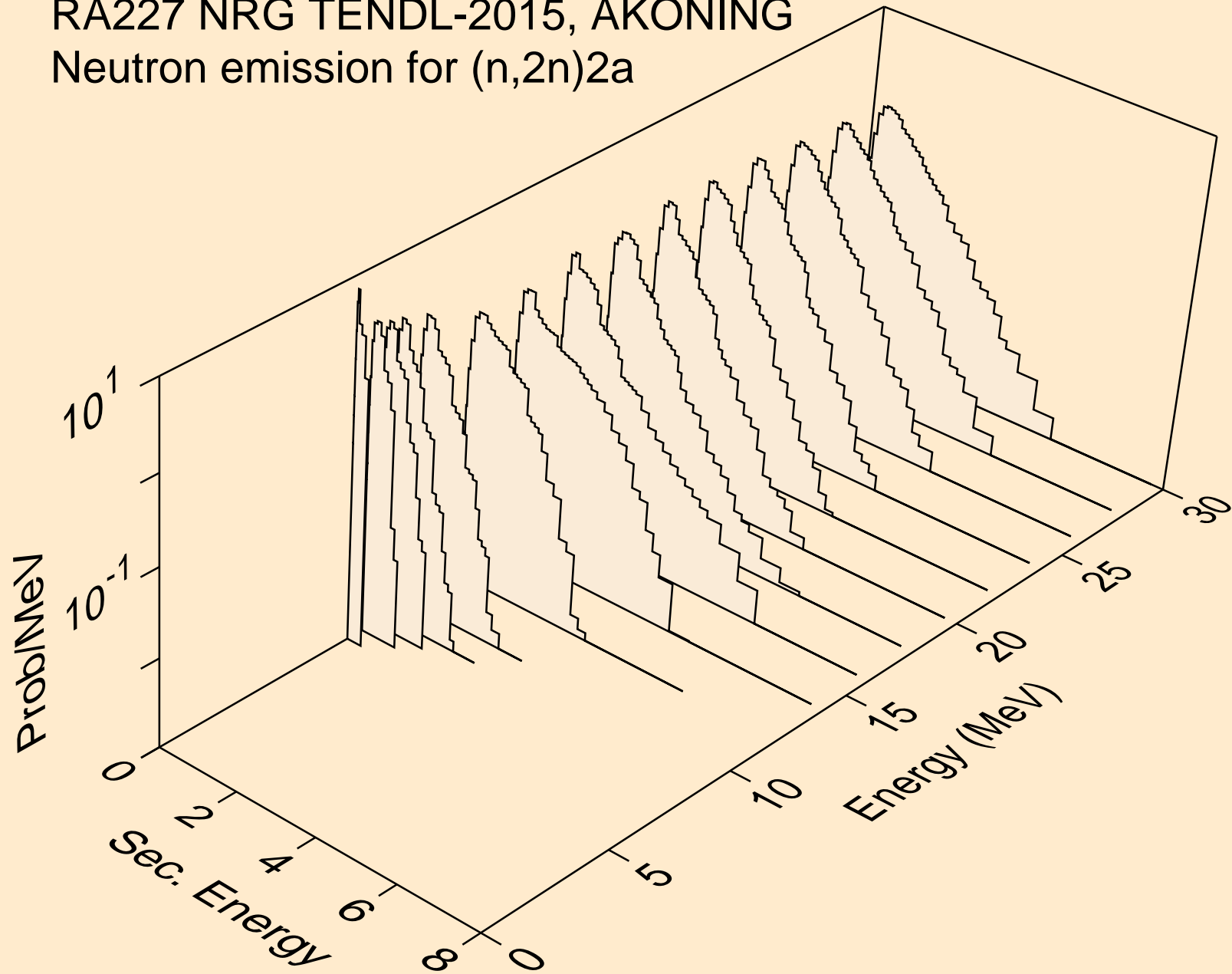
RA227 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



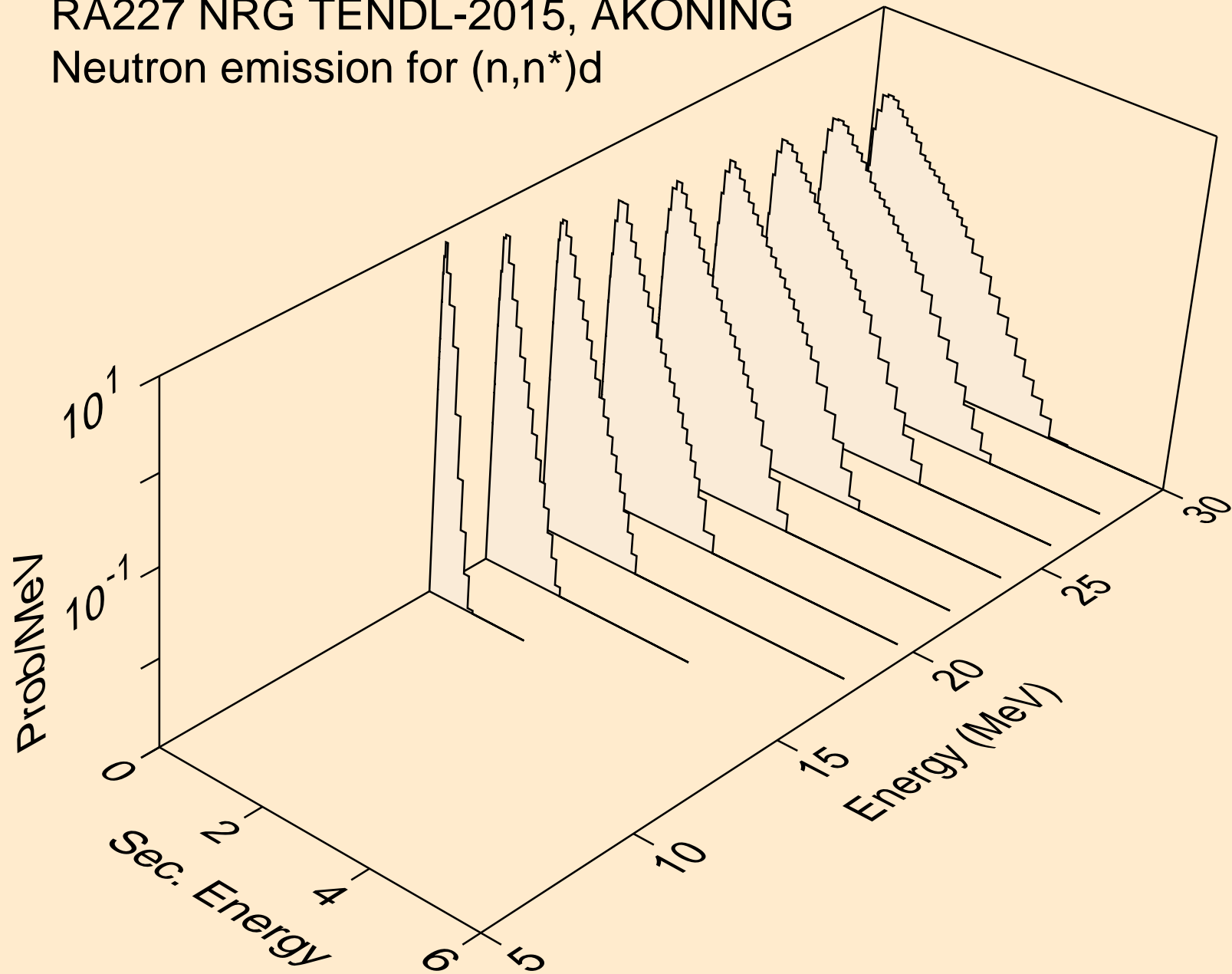
RA227 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



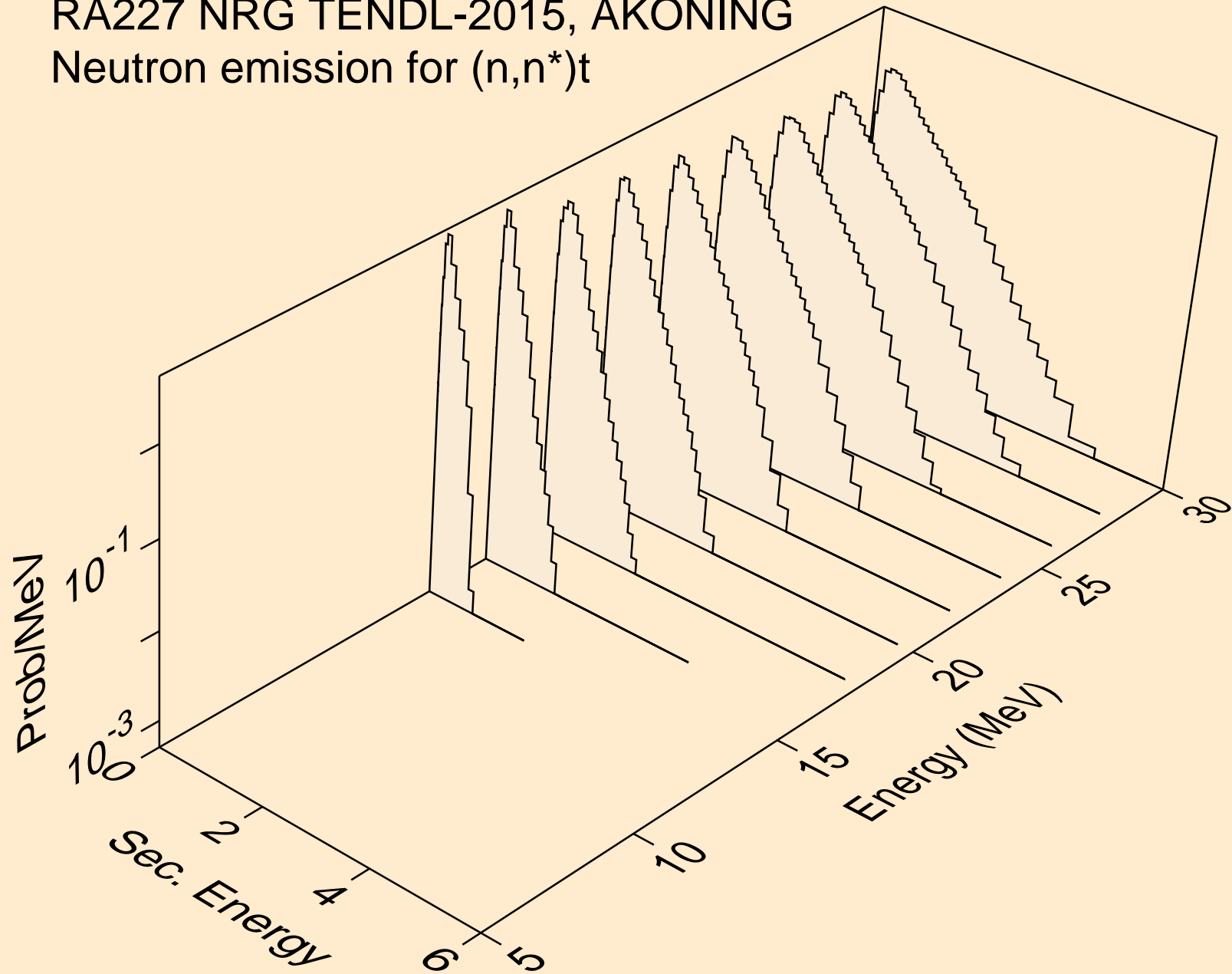
RA227 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



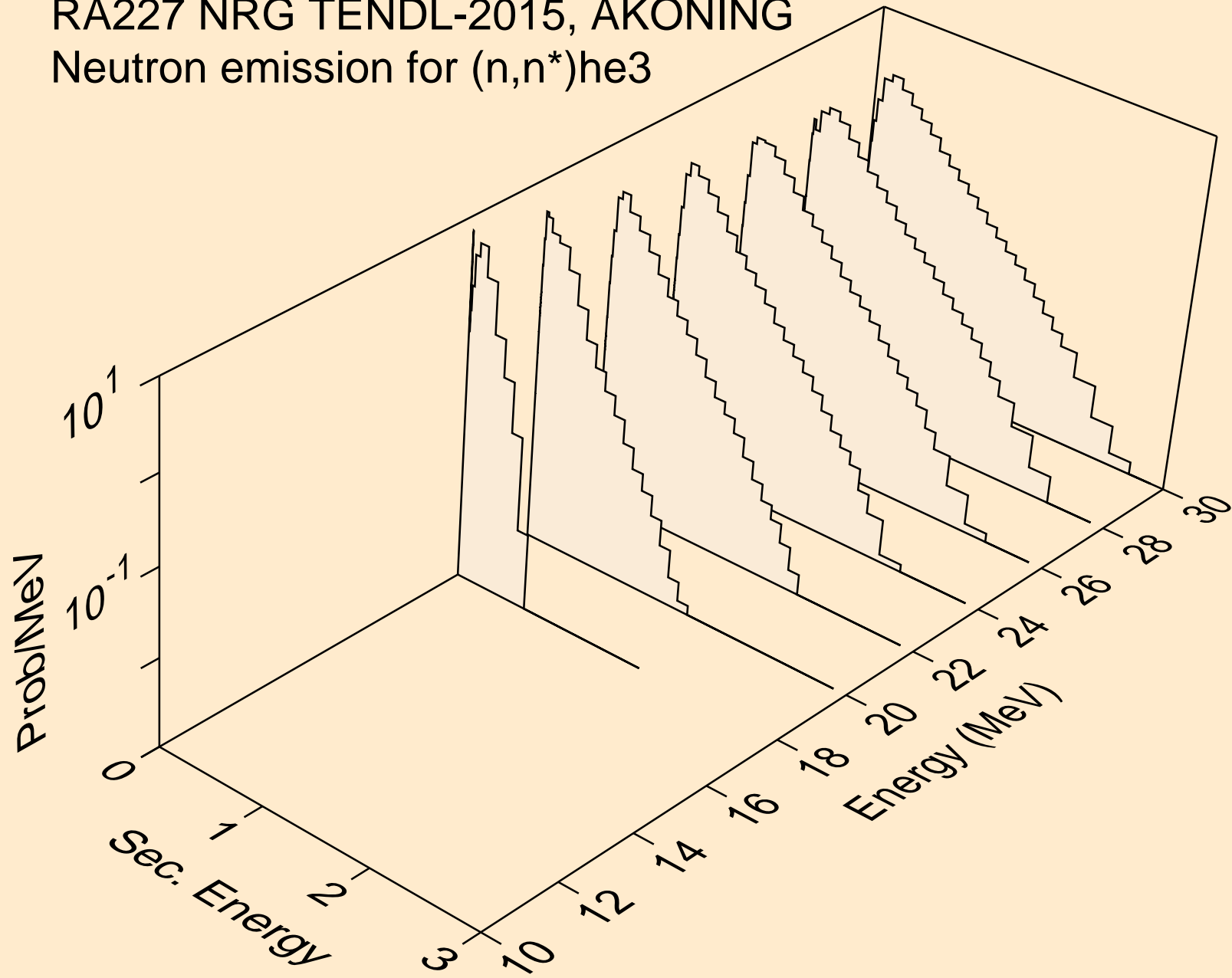
RA227 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



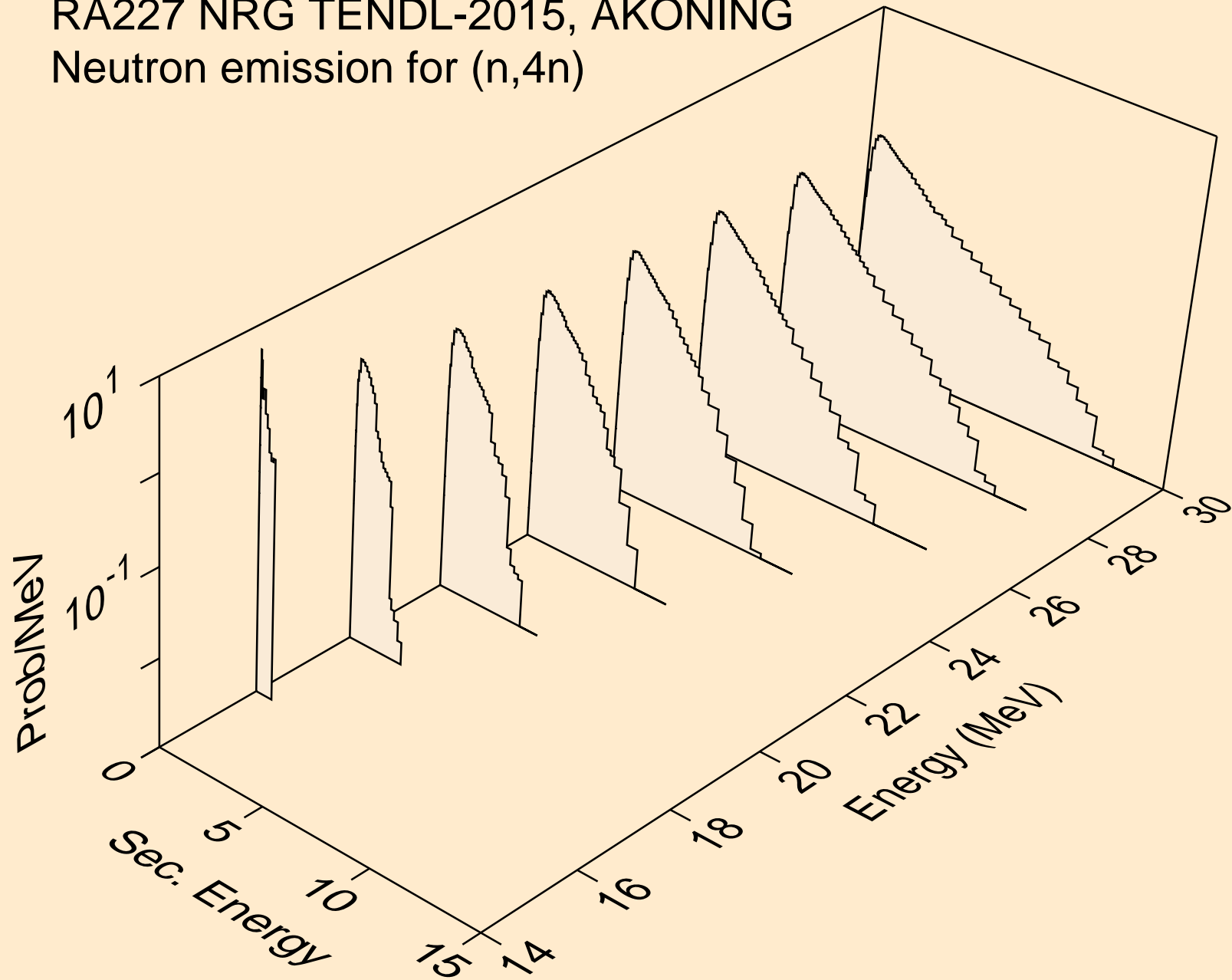
RA227 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



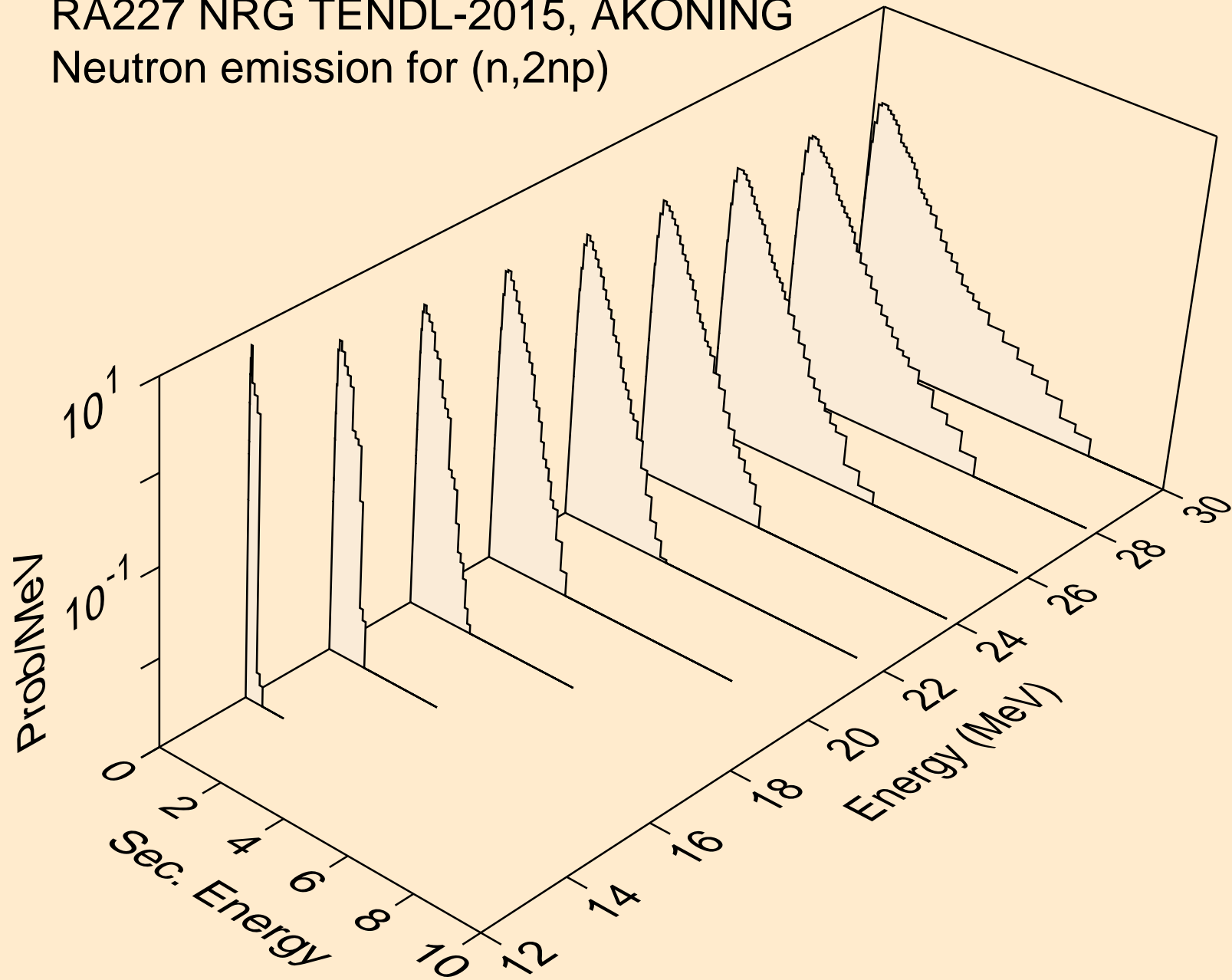
RA227 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



RA227 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)

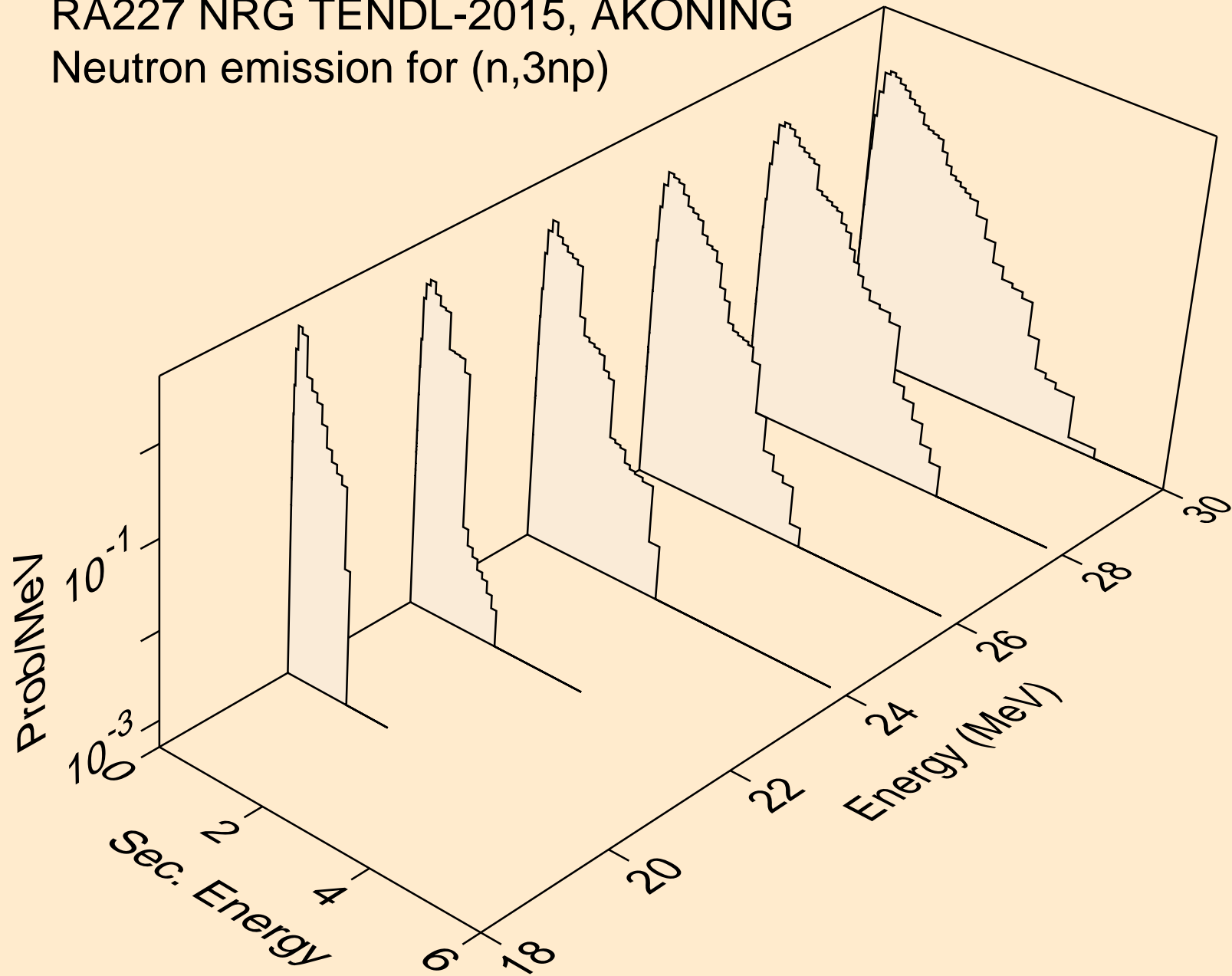


RA227 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

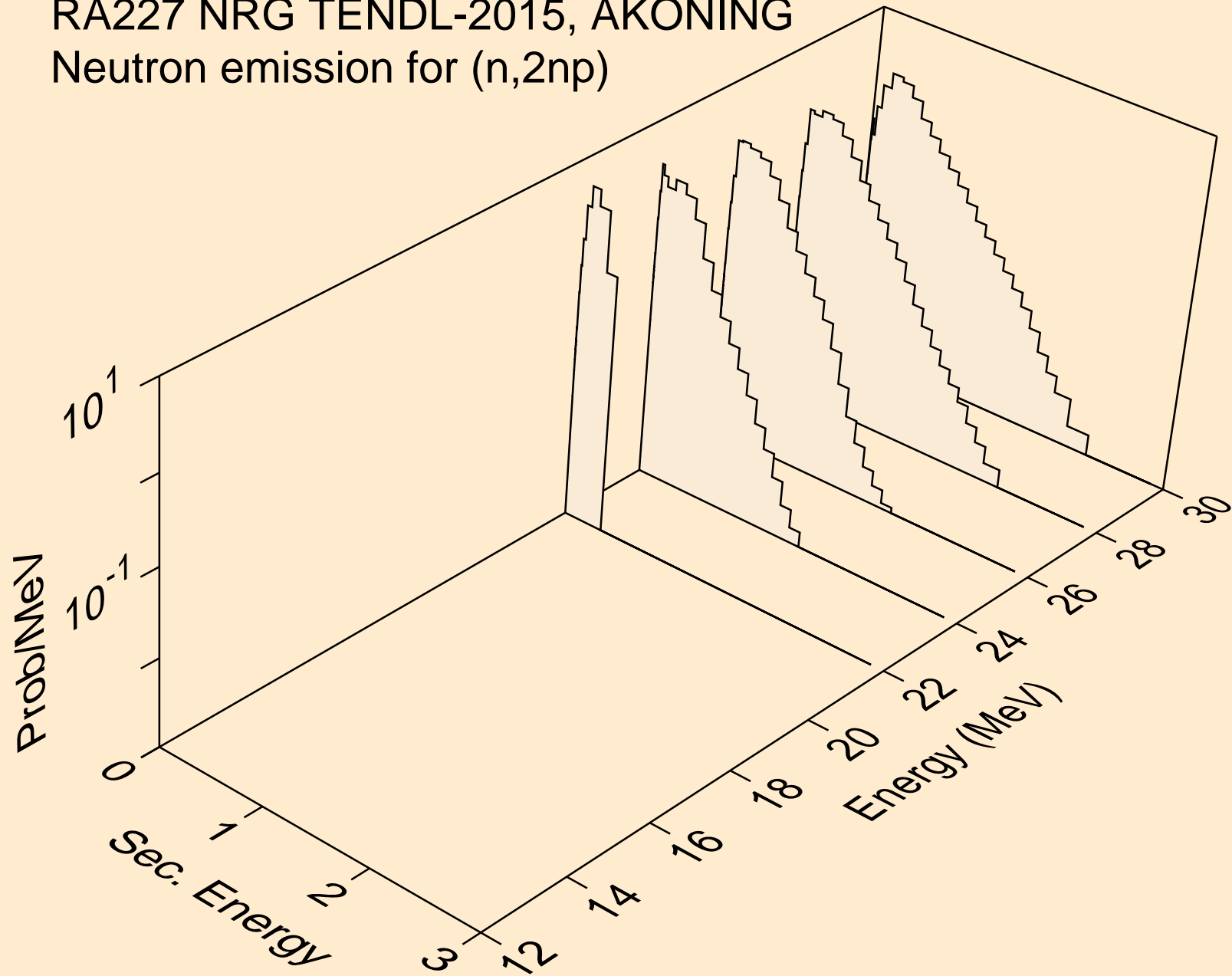




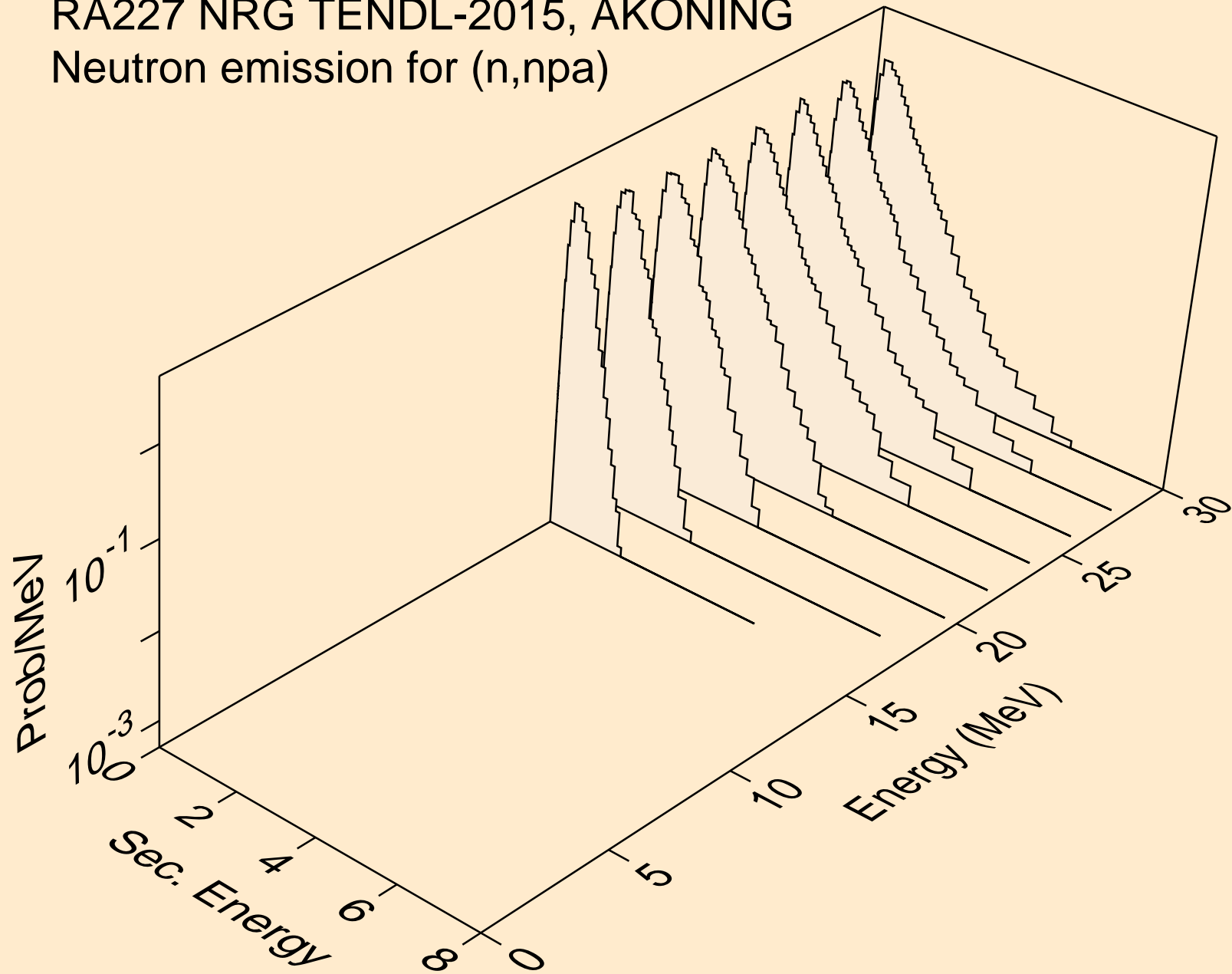
RA227 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



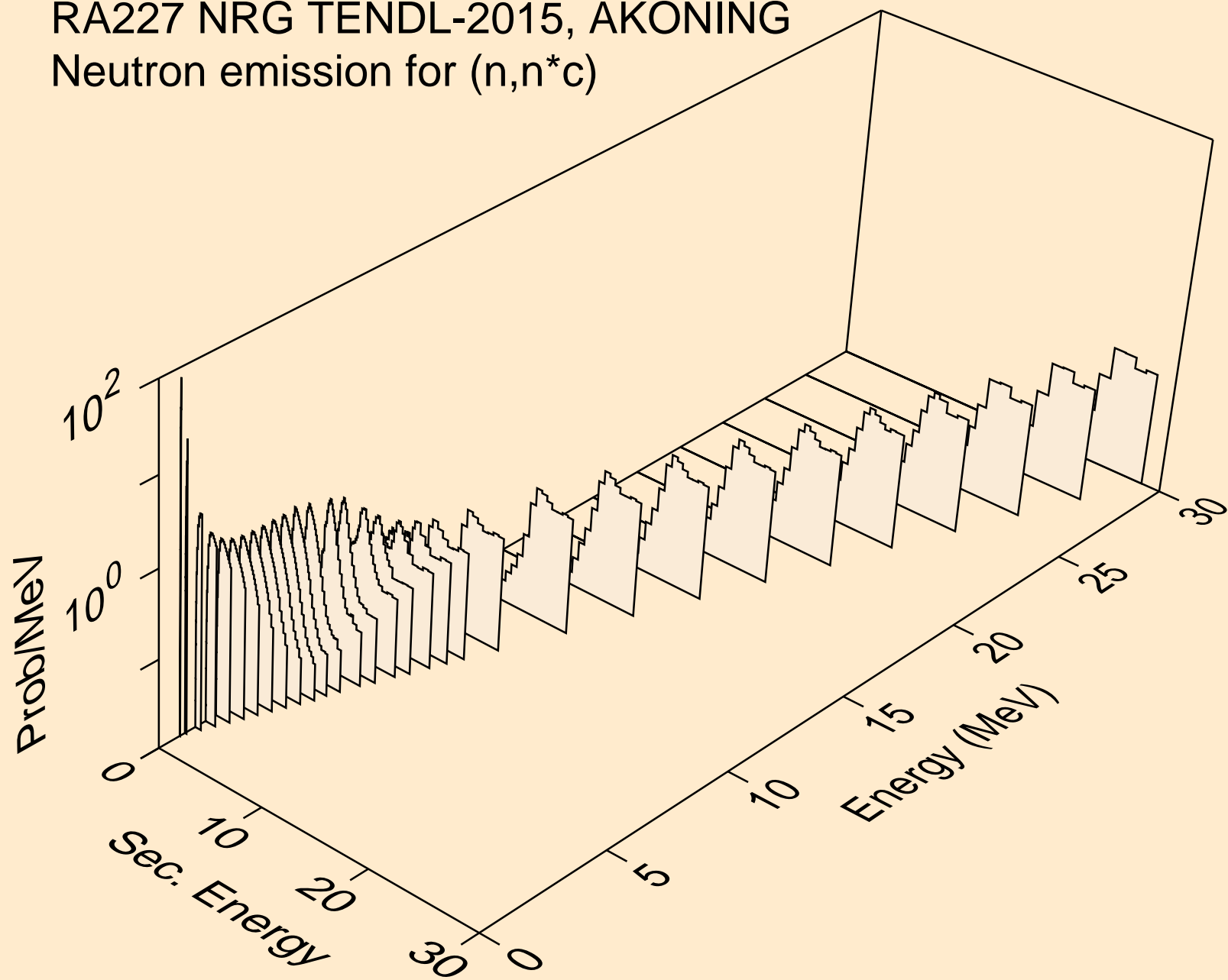
RA227 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



RA227 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

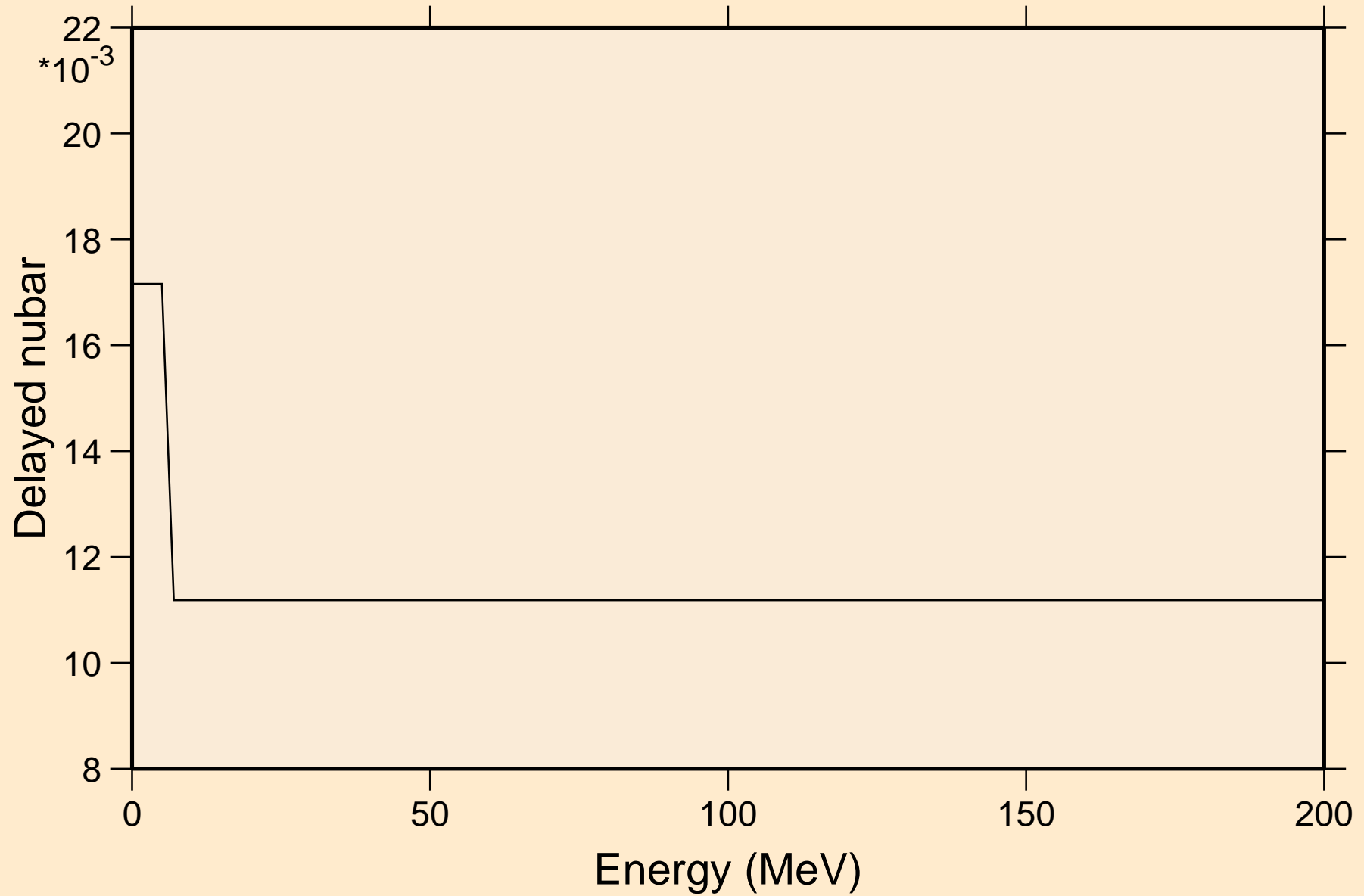


RA227 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



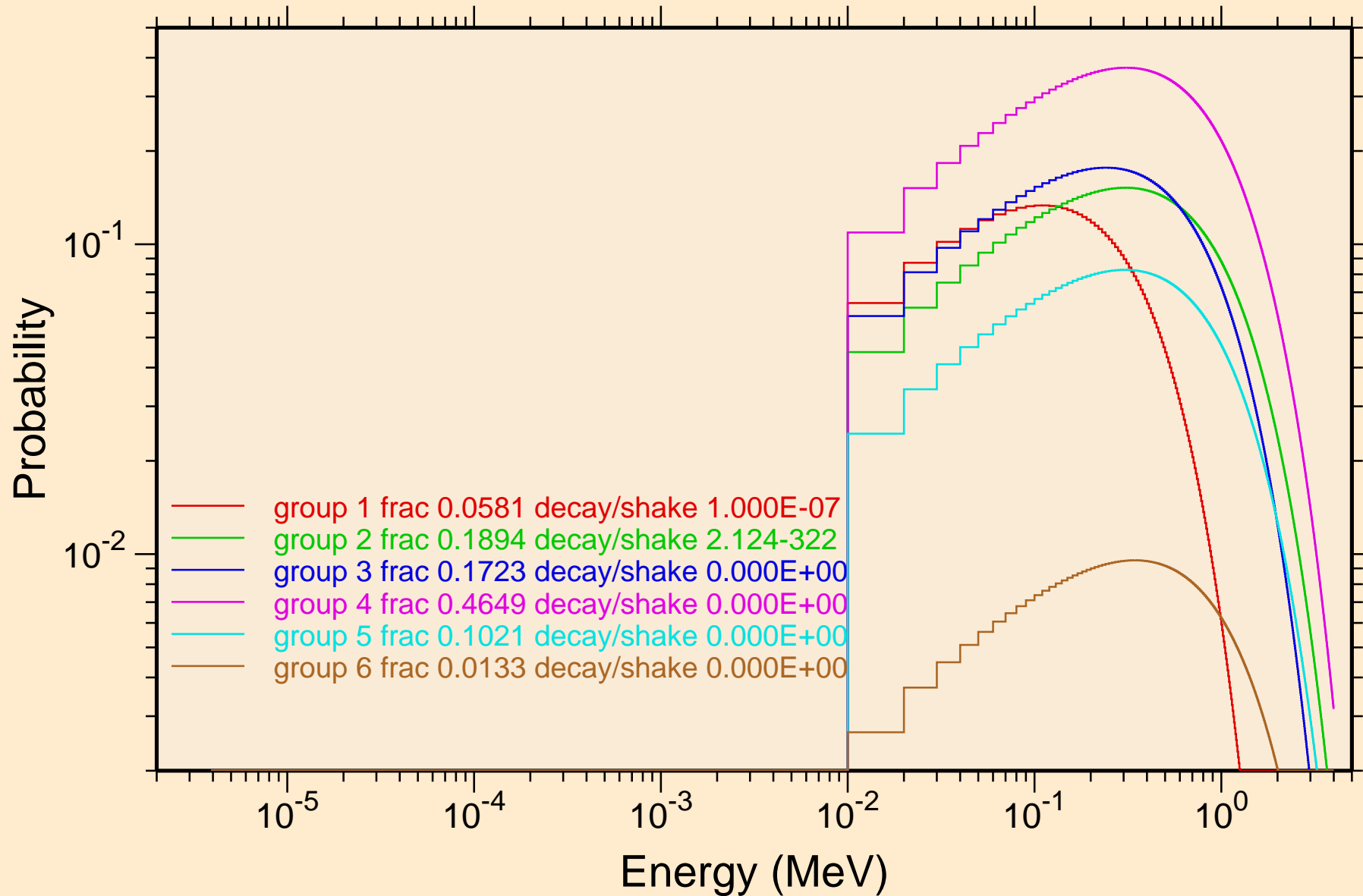
# RA227 NRG TENDL-2015, AKONING

Delayed nubar

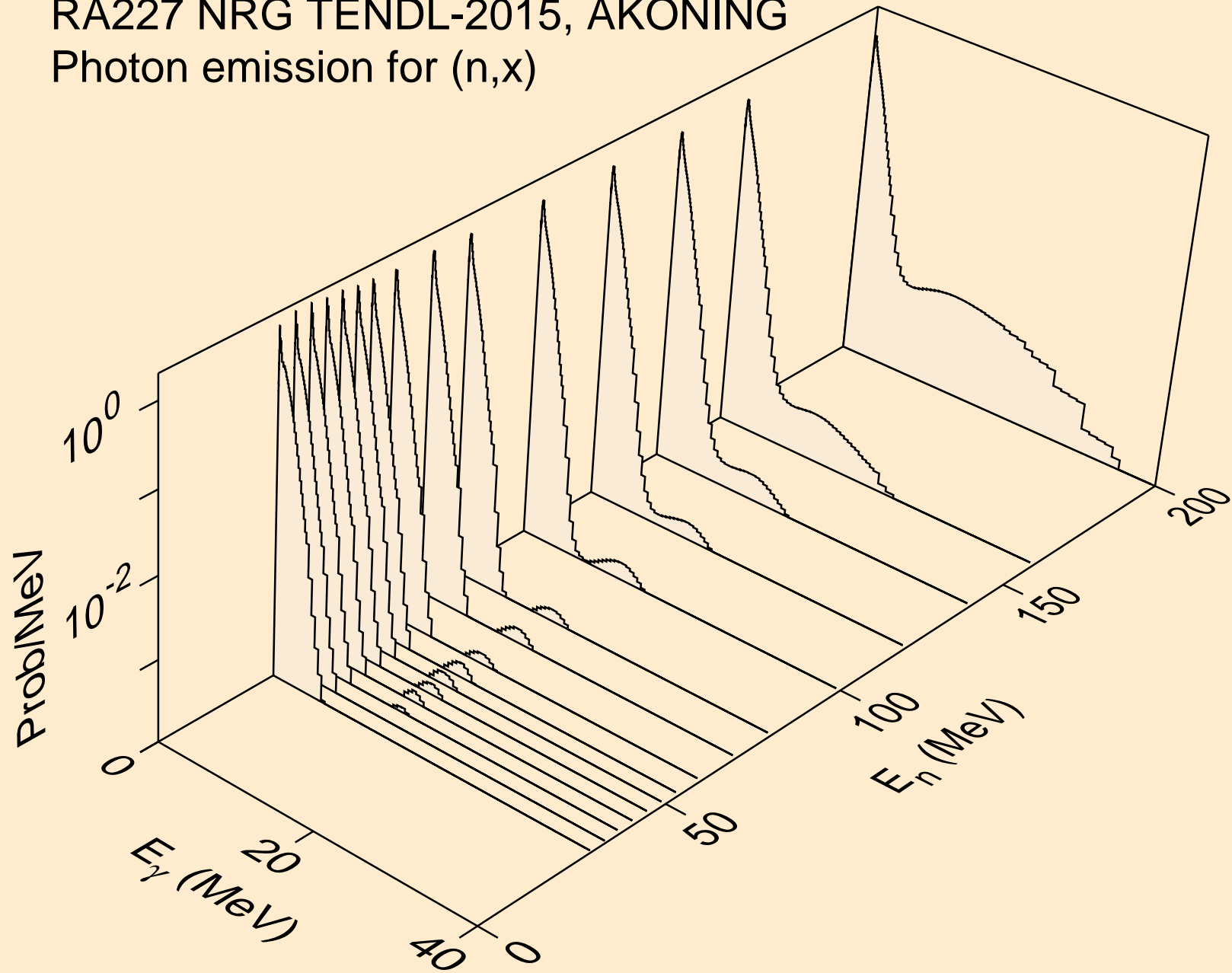


# RA227 NRG TENDL-2015, AKONING

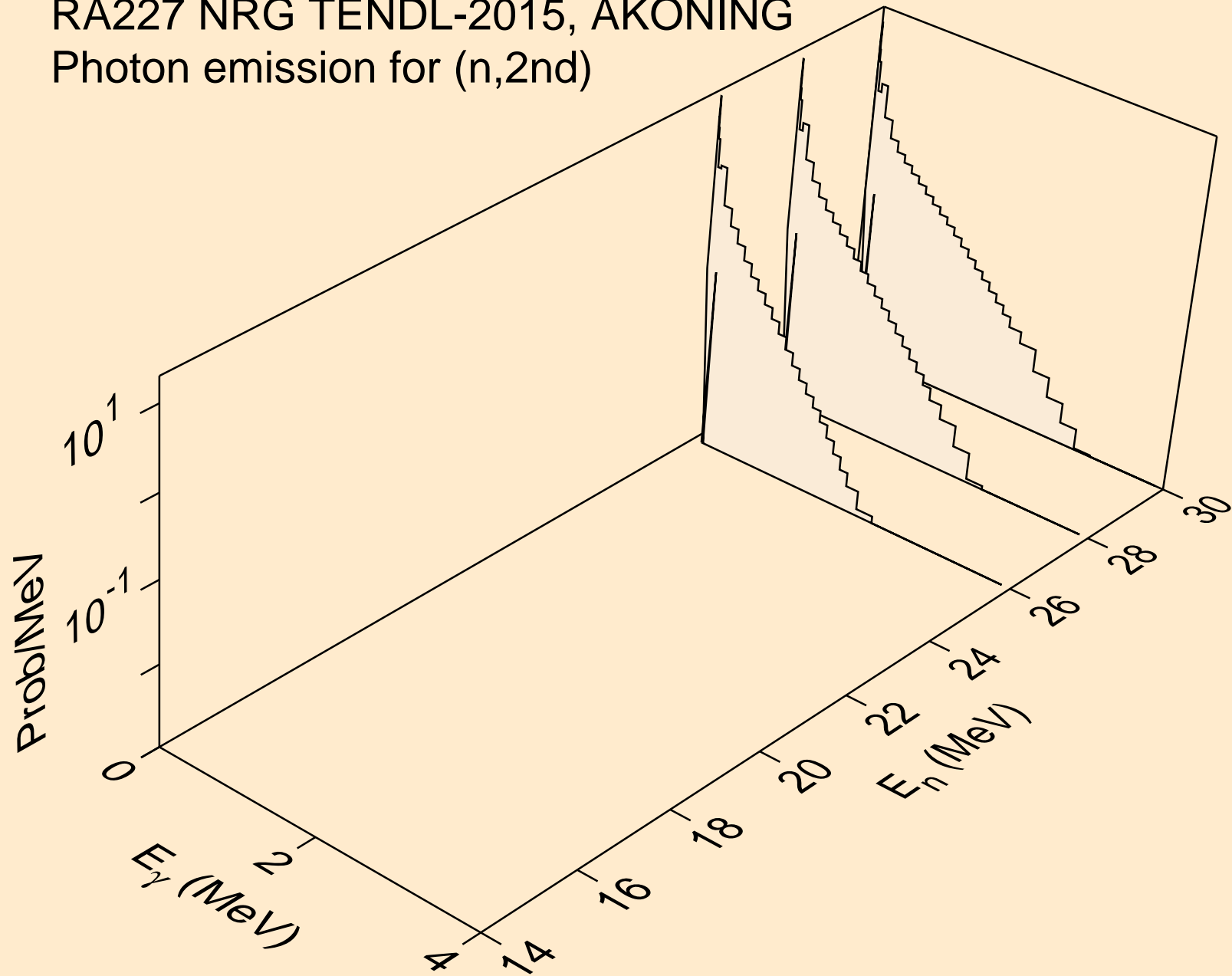
## Delayed neutron spectra



RA227 NRG TENDL-2015, AKONING  
Photon emission for (n,x)

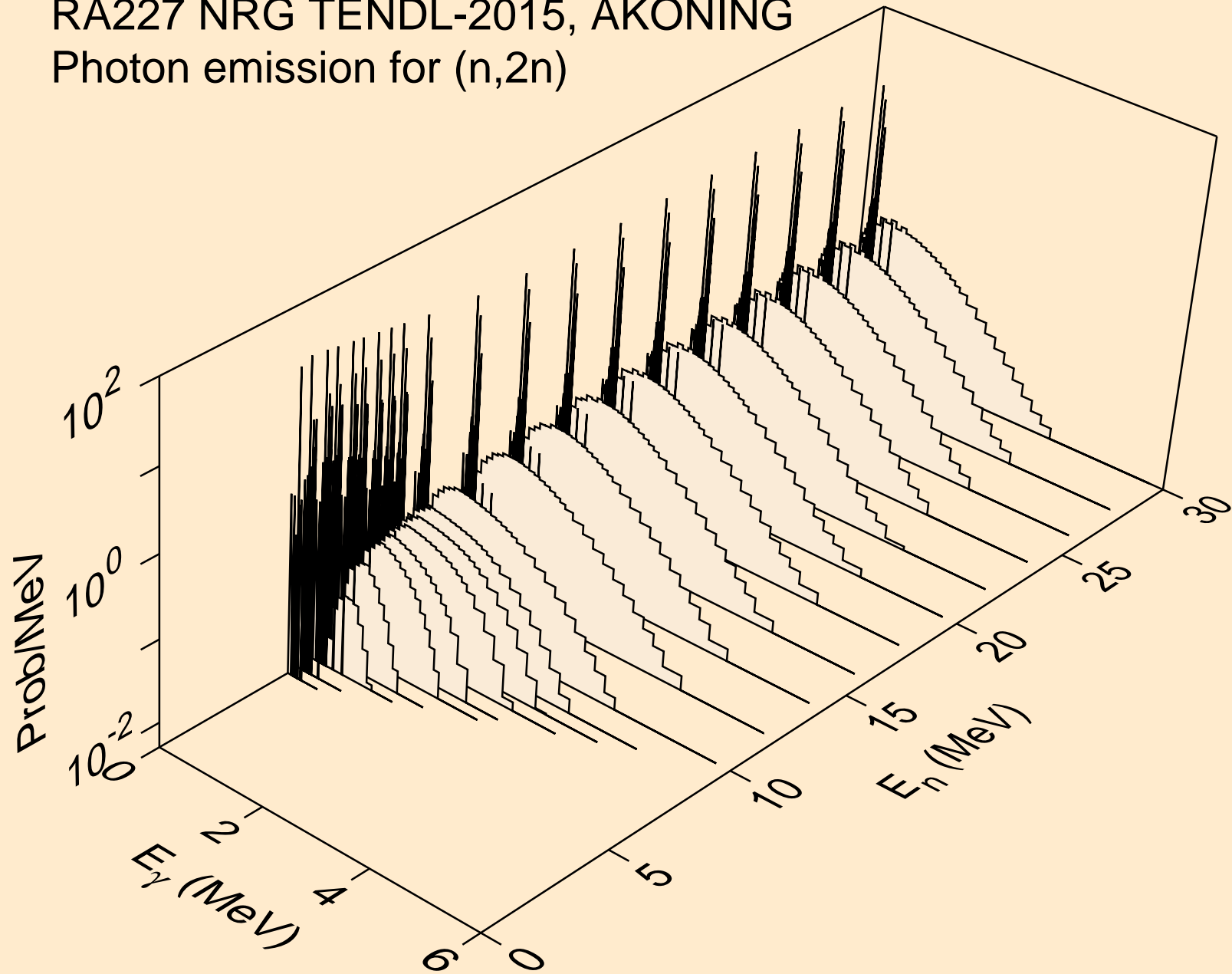


RA227 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)

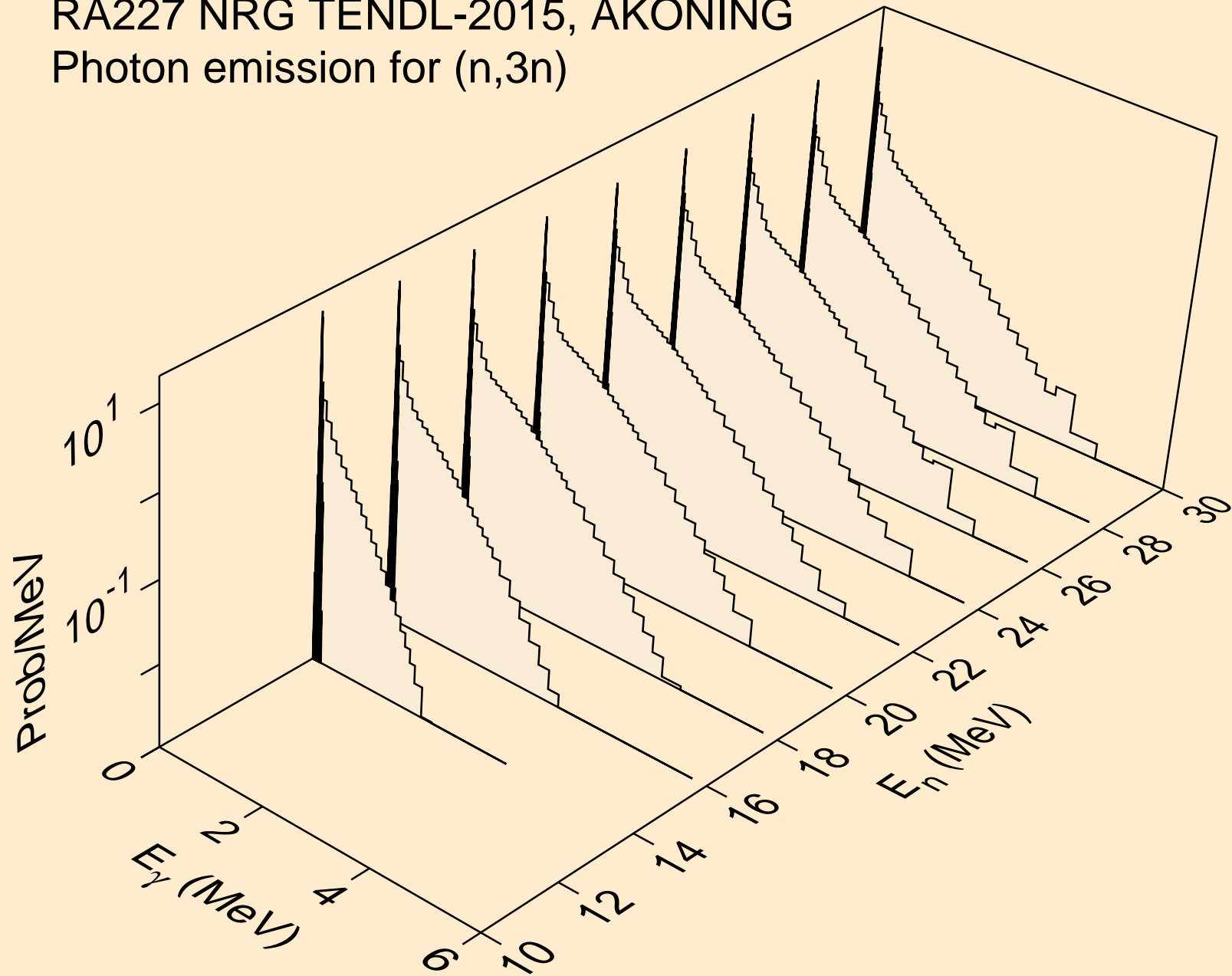




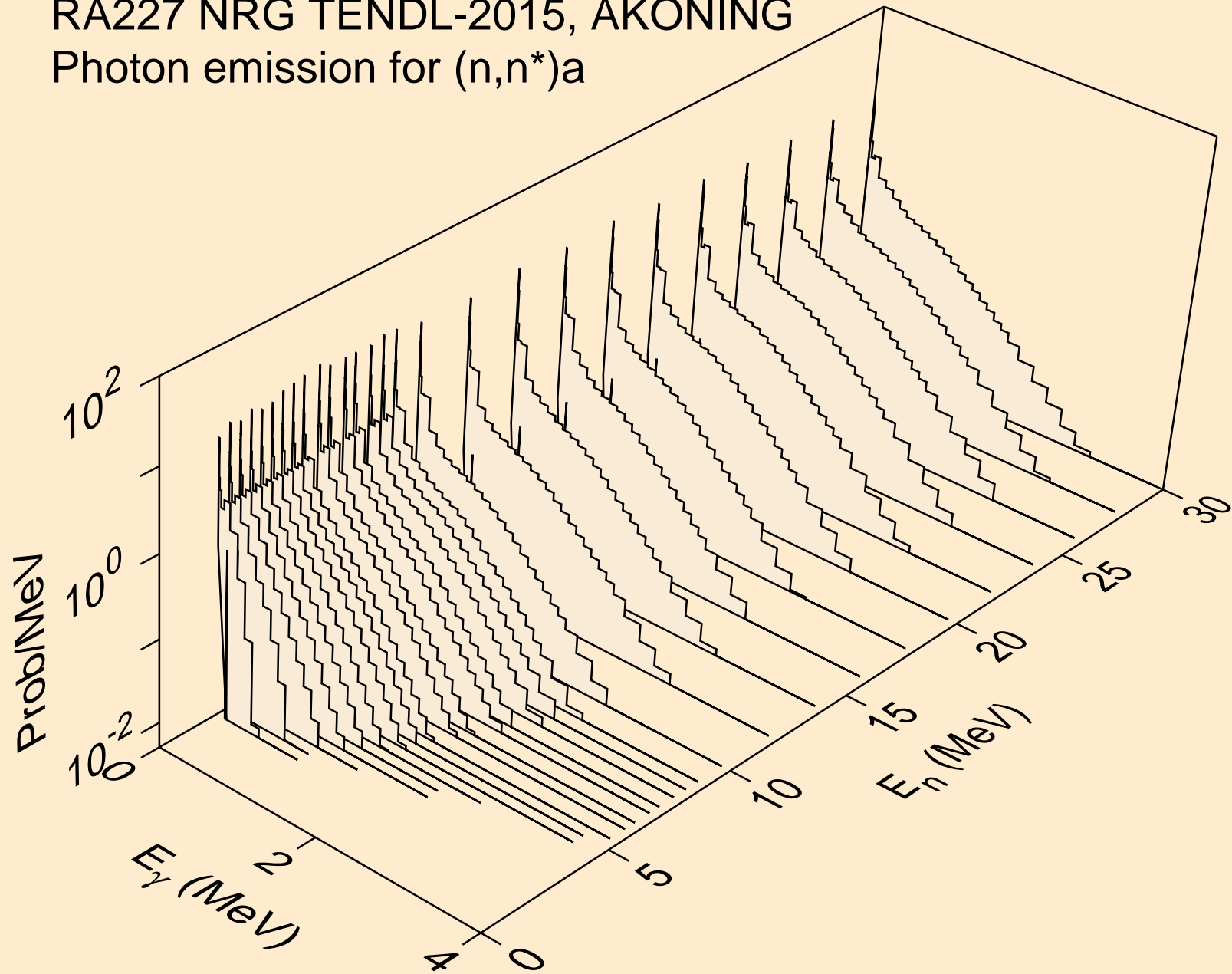
RA227 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



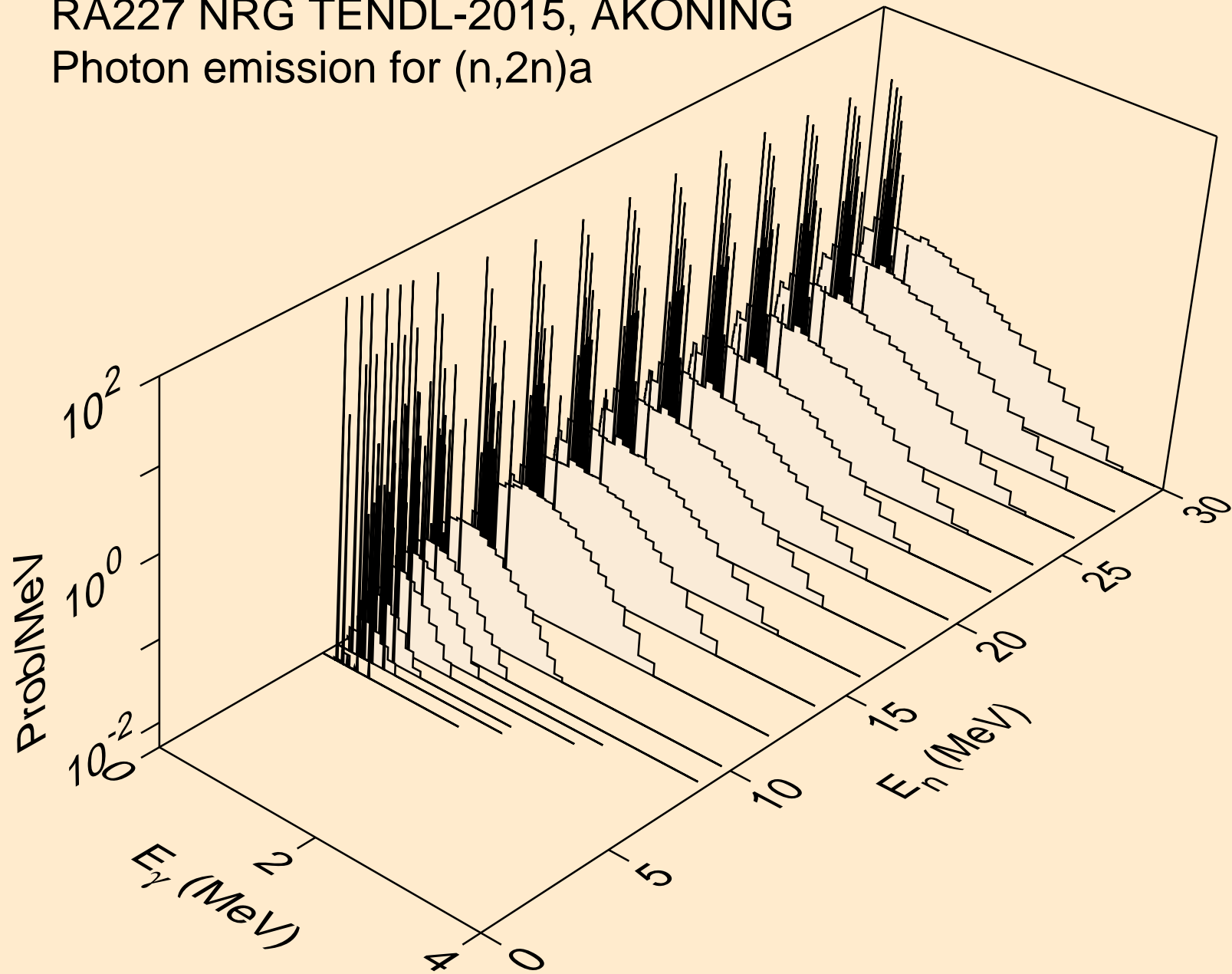
RA227 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



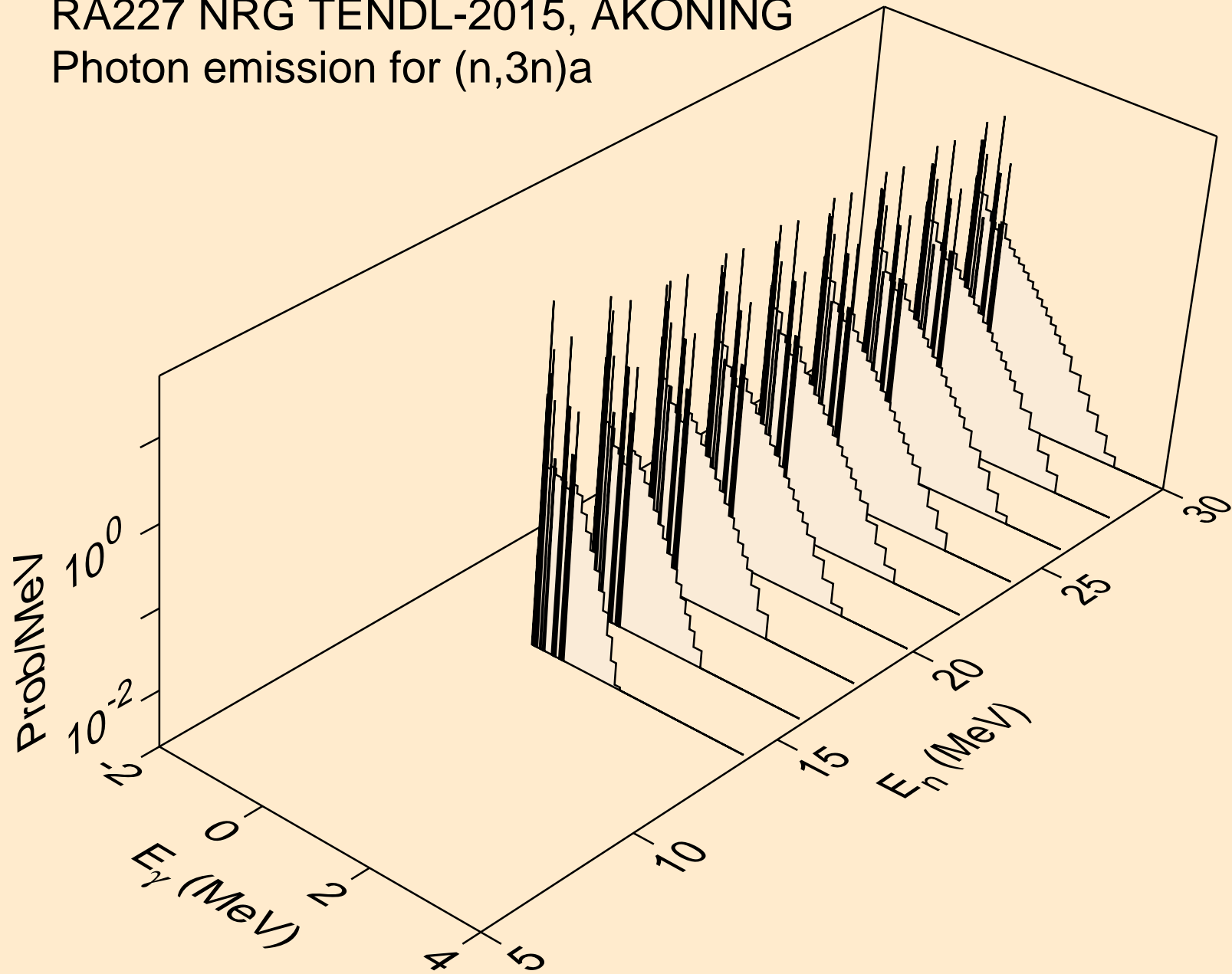
RA227 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



RA227 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

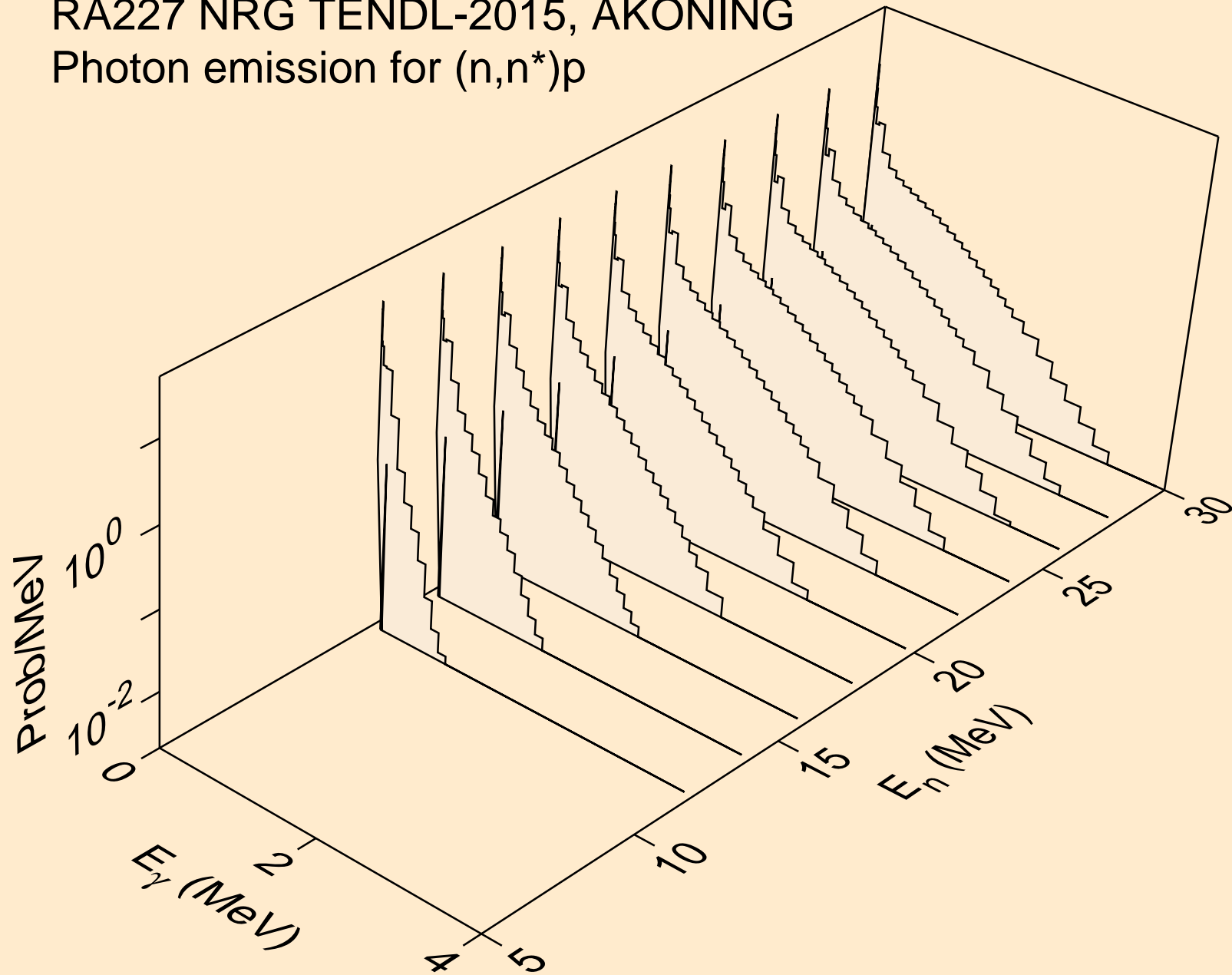


RA227 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a

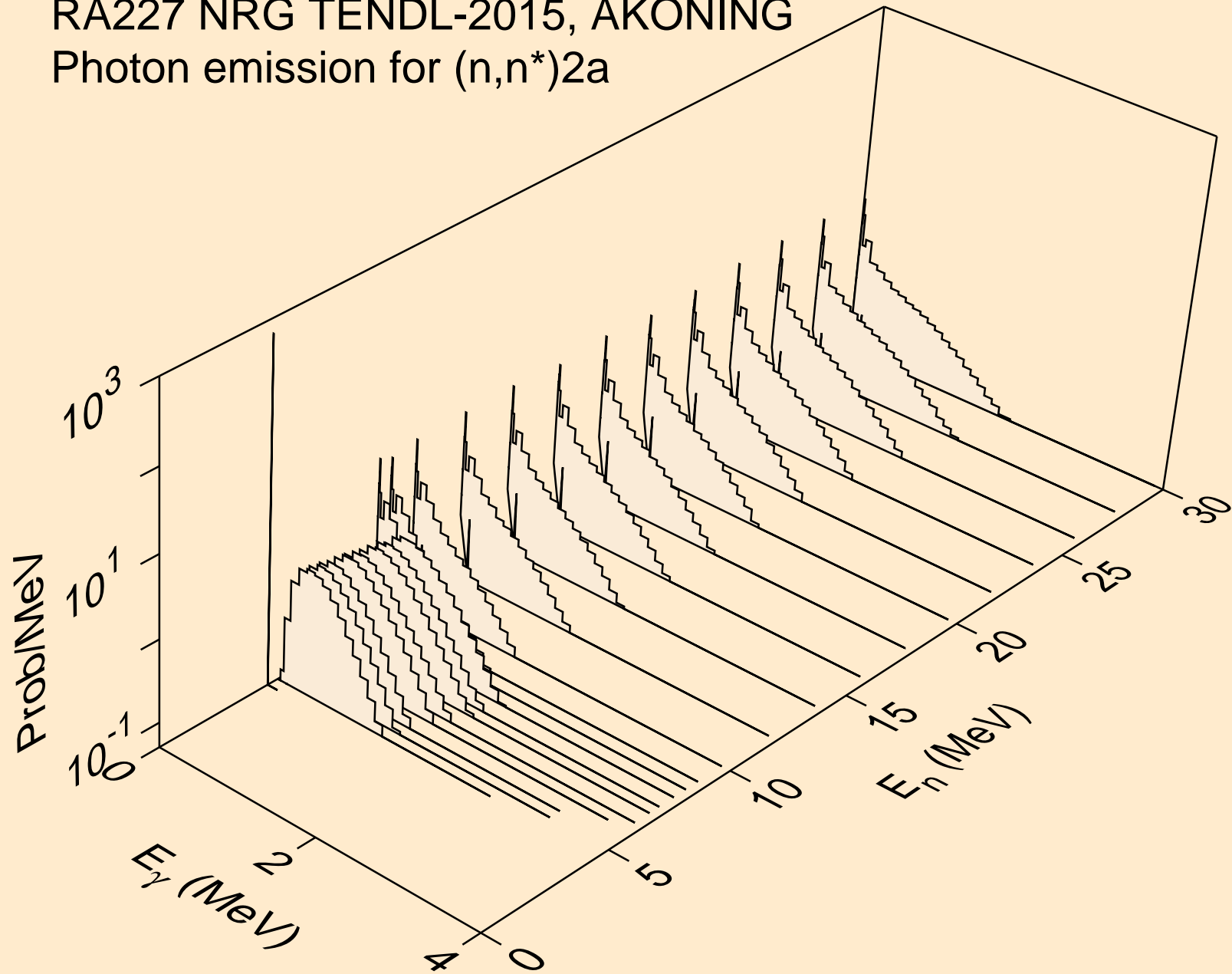


RA227 NRG TENDL-2015, AKONING

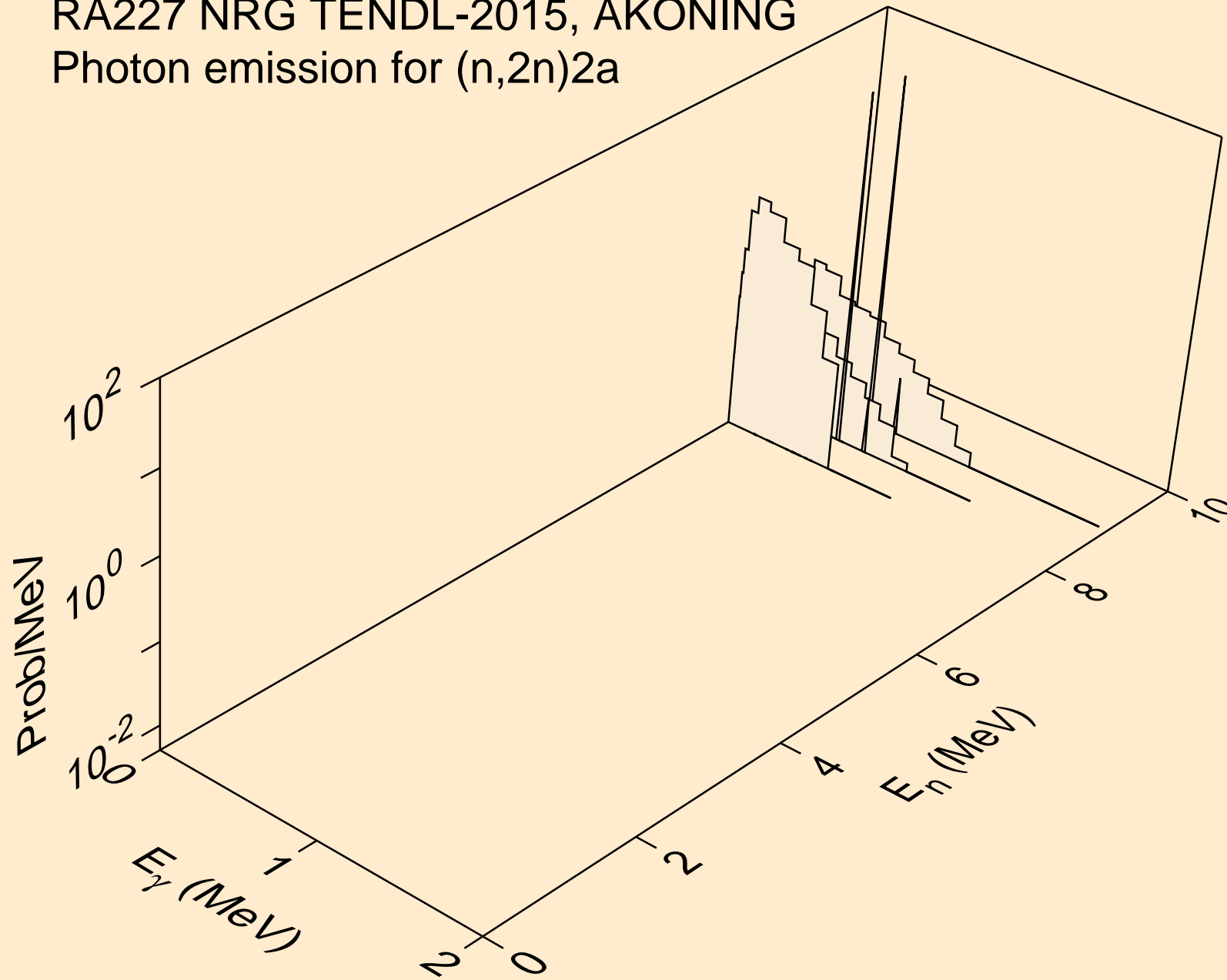
Photon emission for (n,n\*)p



RA227 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a

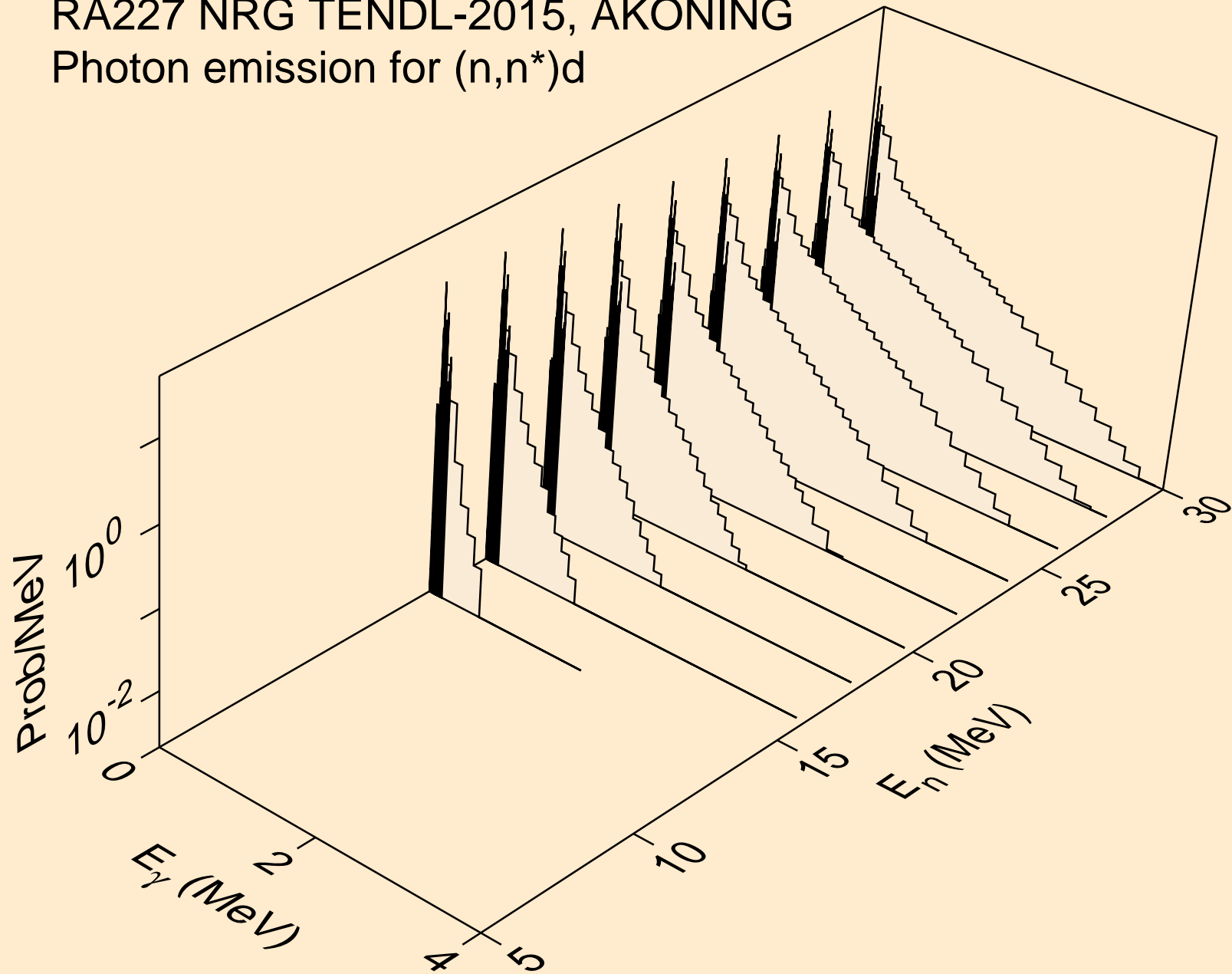


RA227 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a

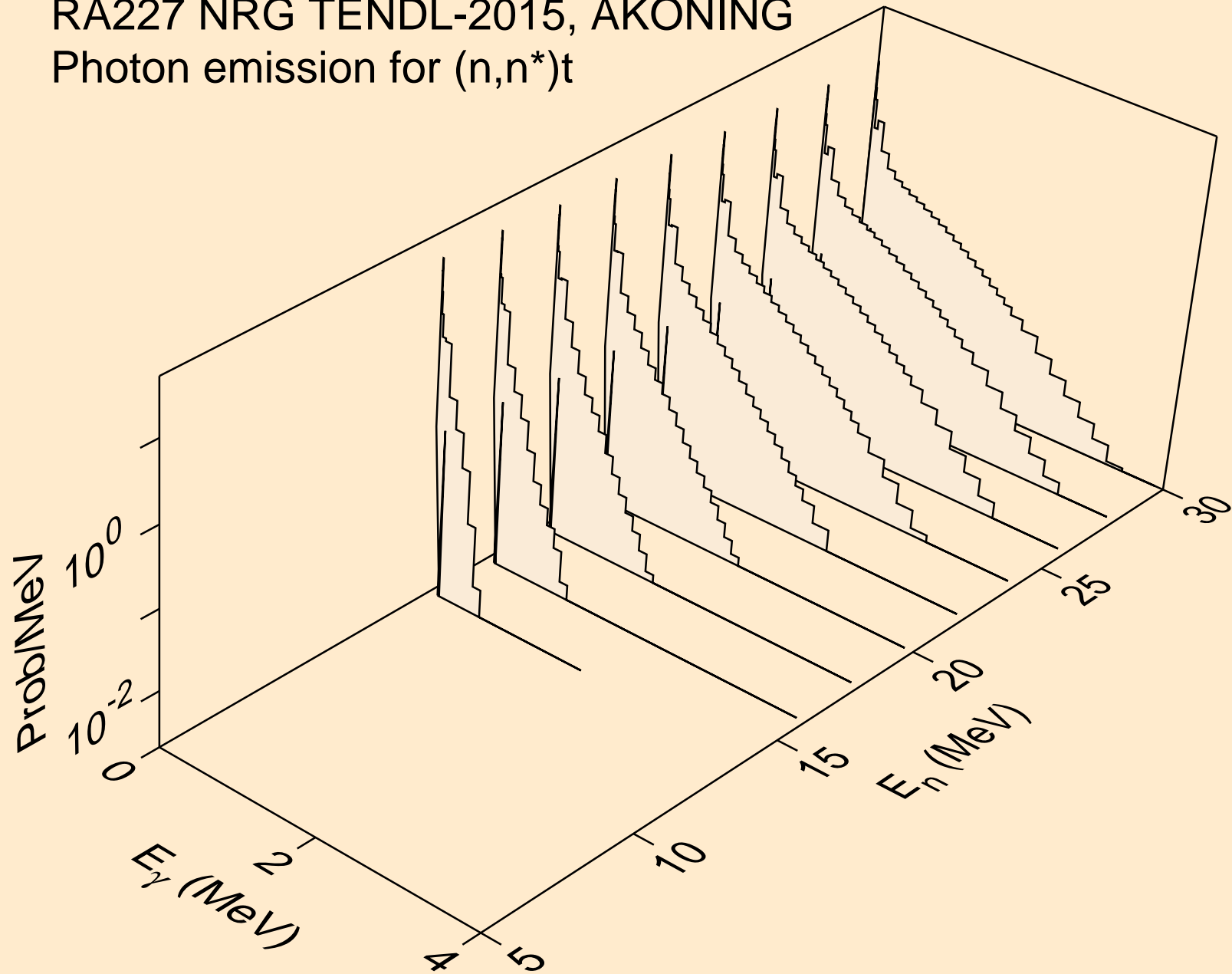




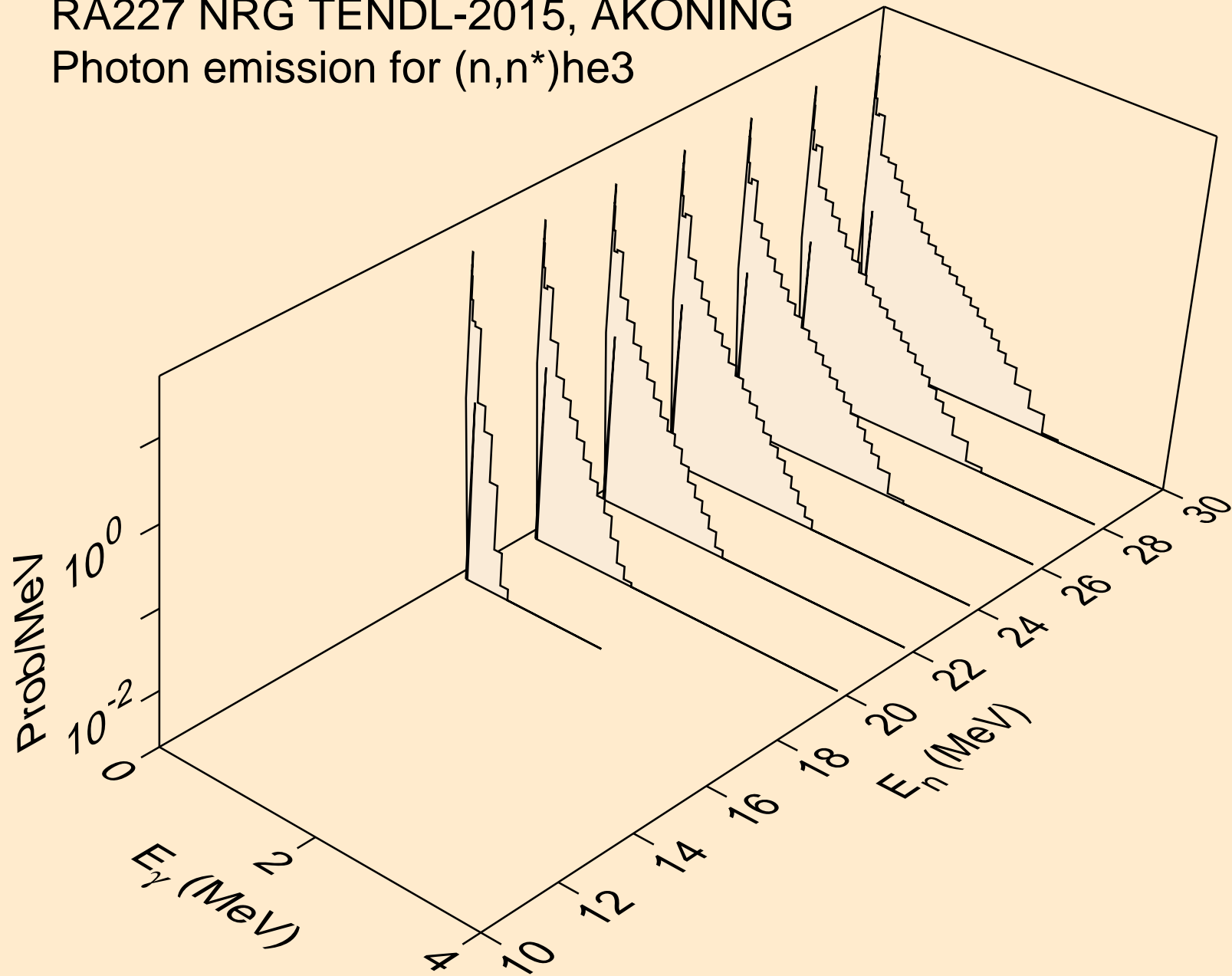
RA227 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



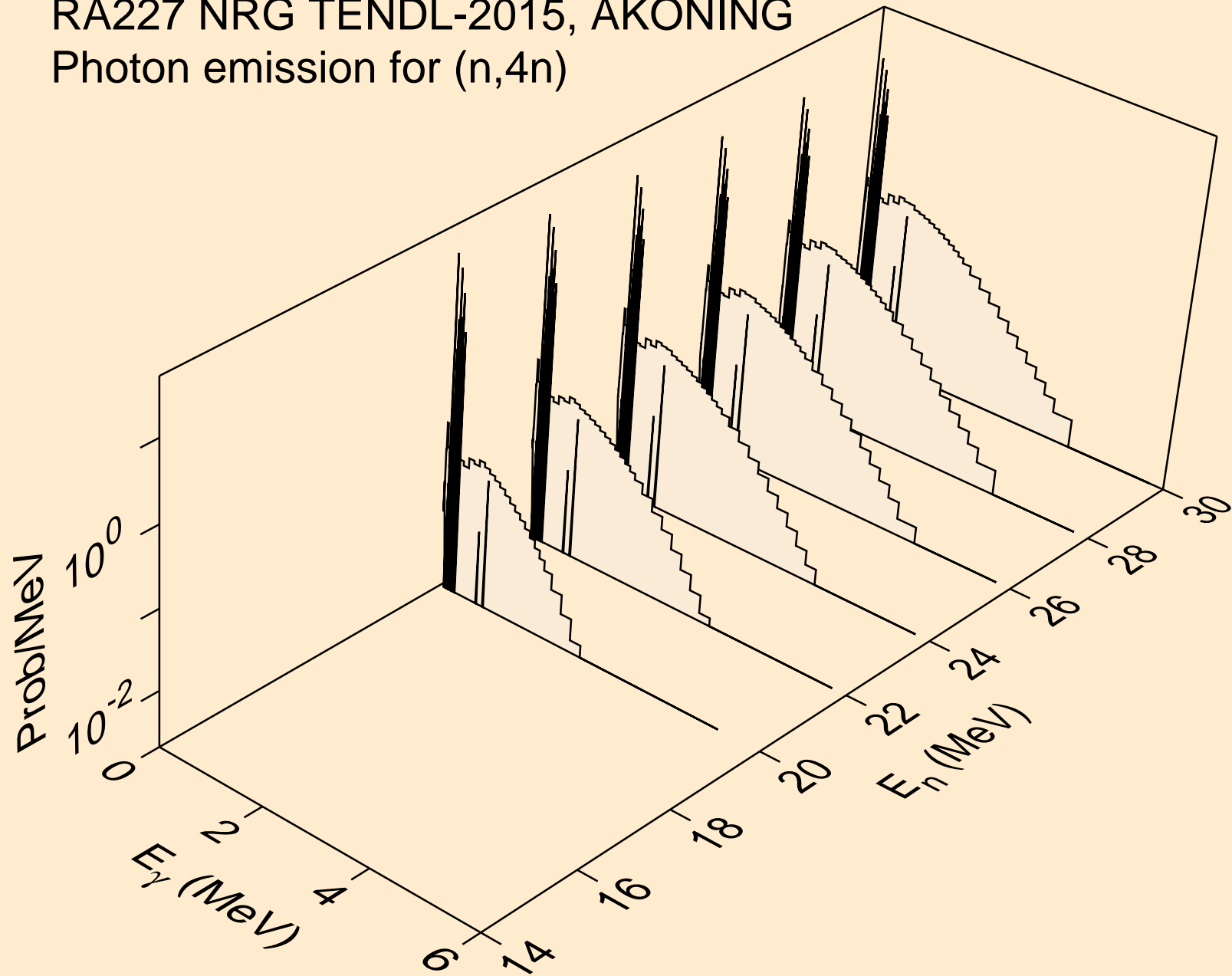
RA227 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



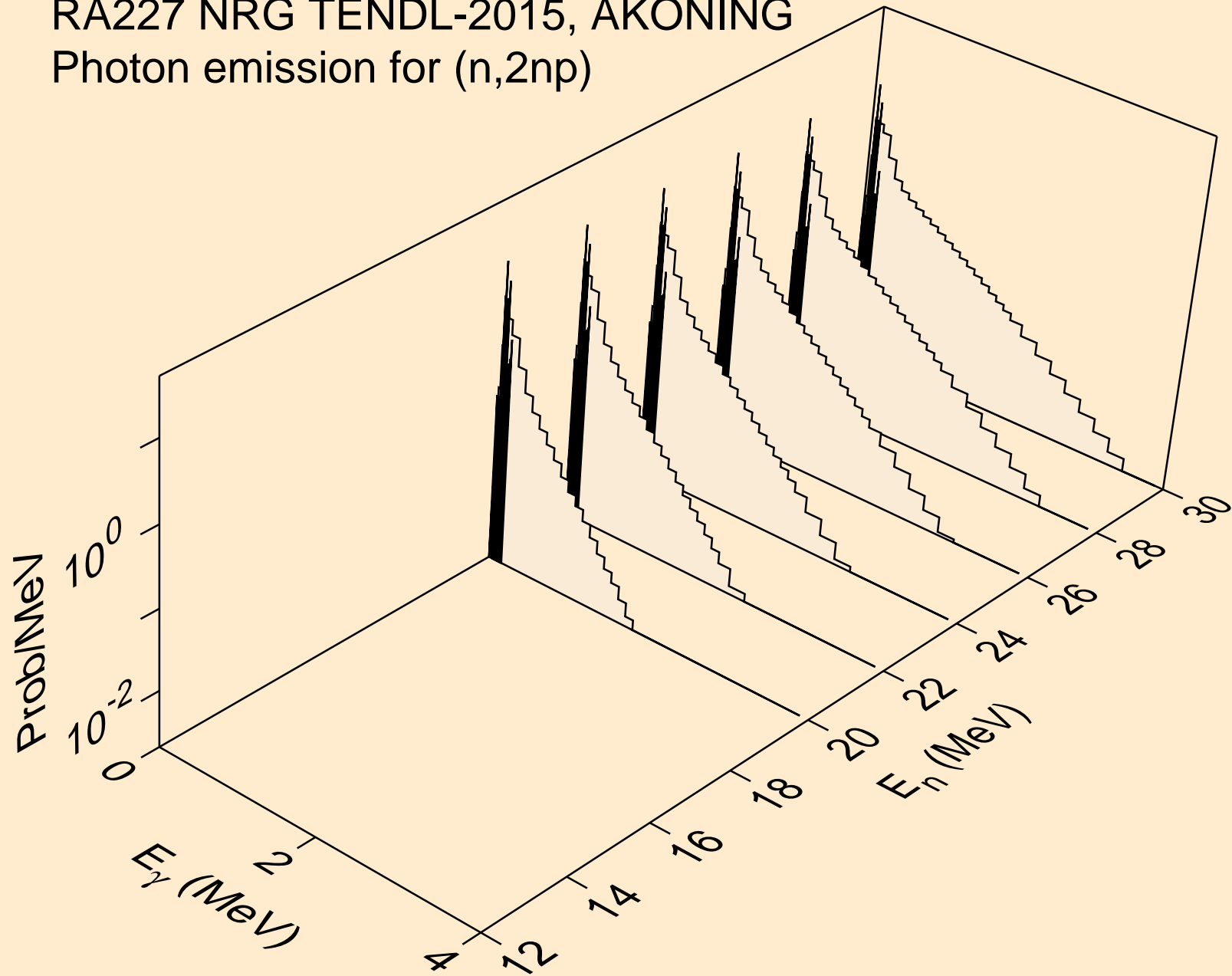
RA227 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



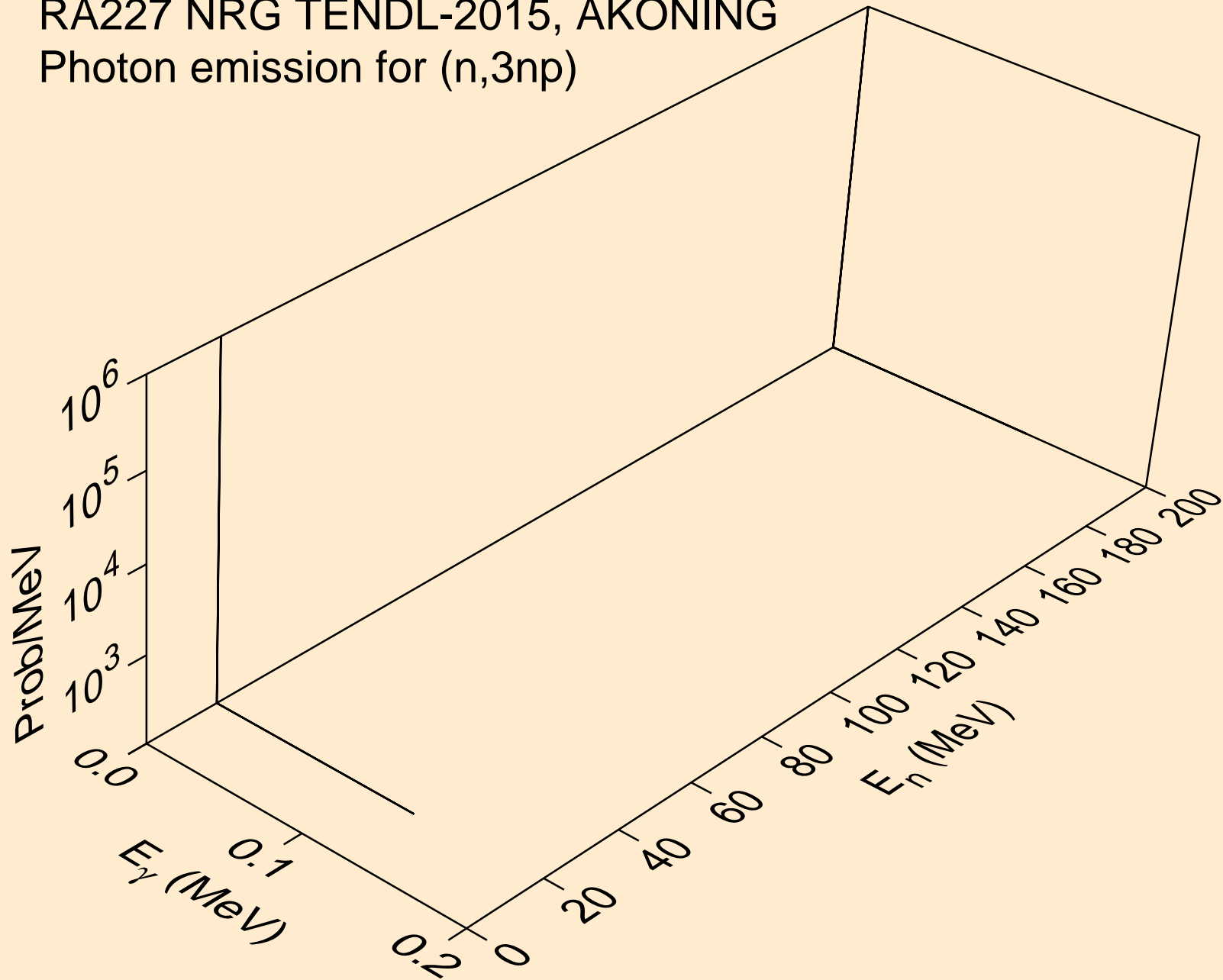
RA227 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



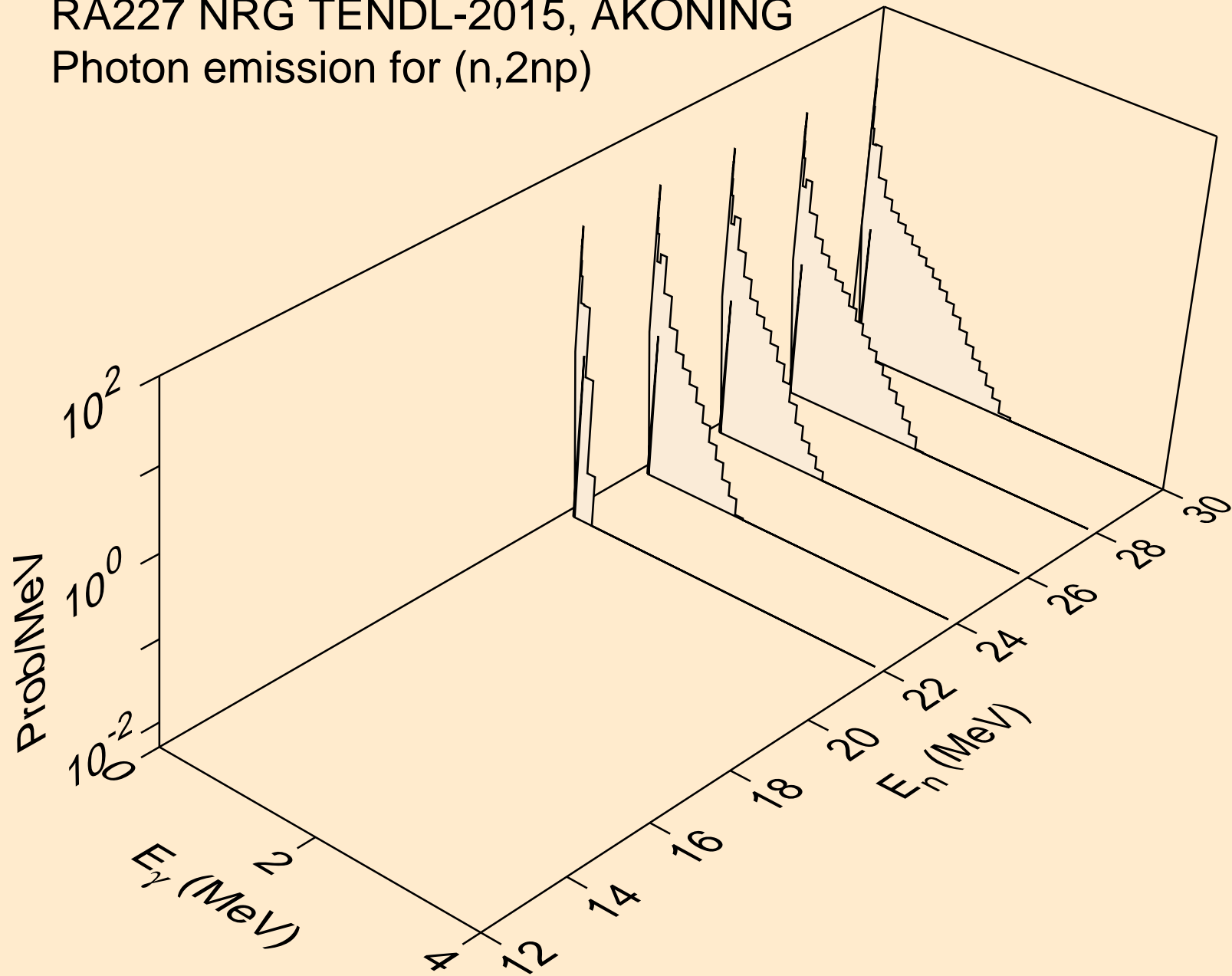
RA227 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



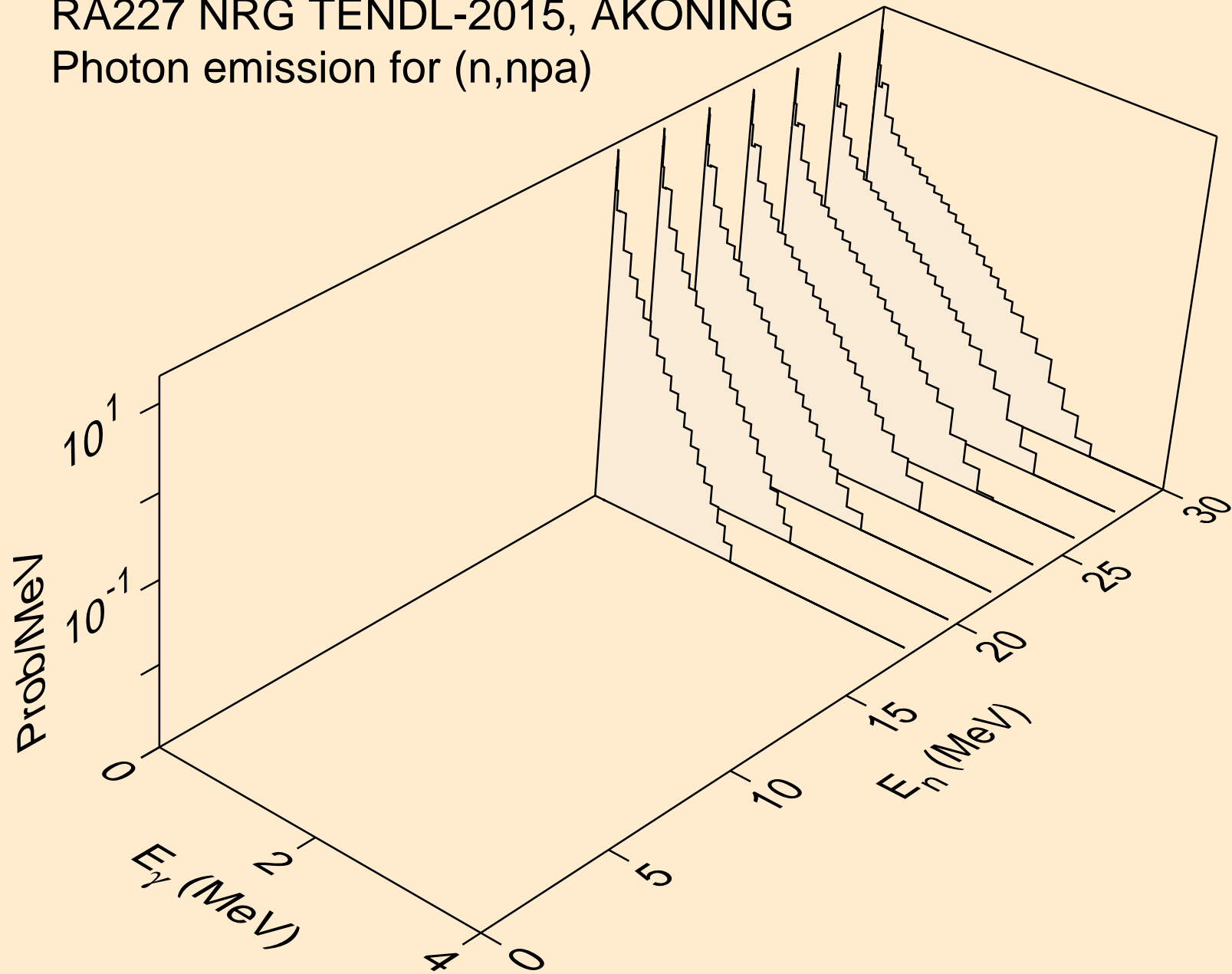
RA227 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



RA227 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

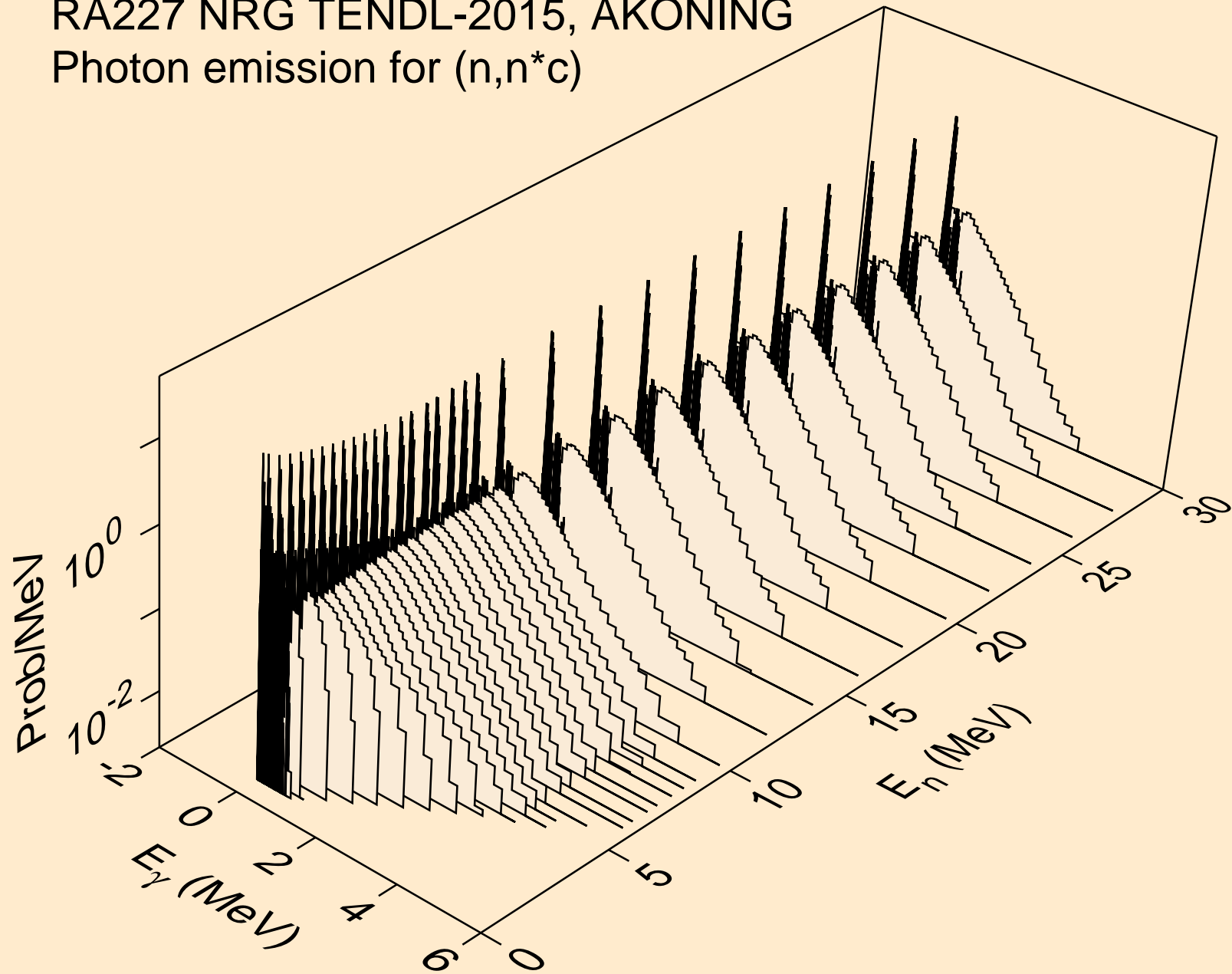


RA227 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)

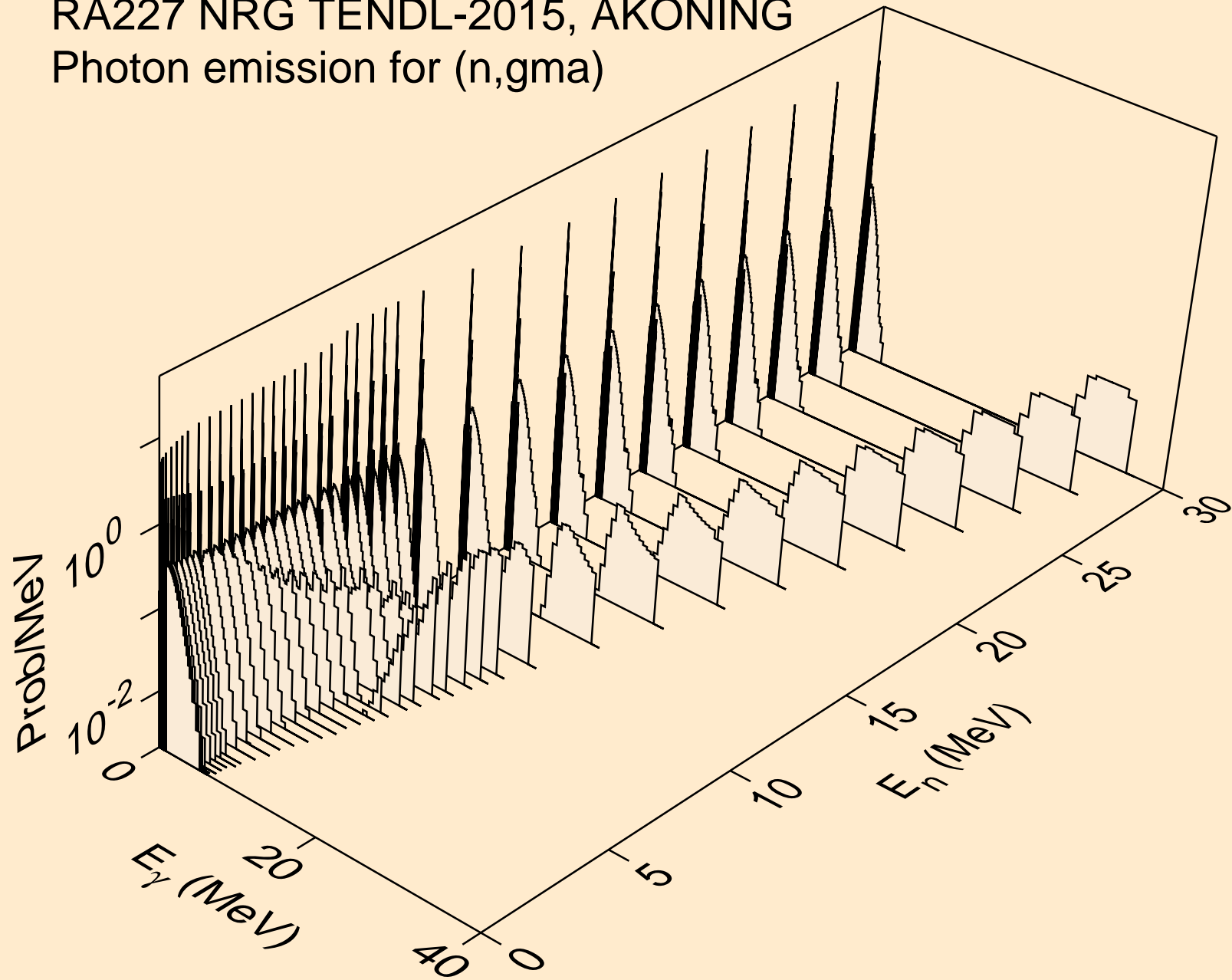




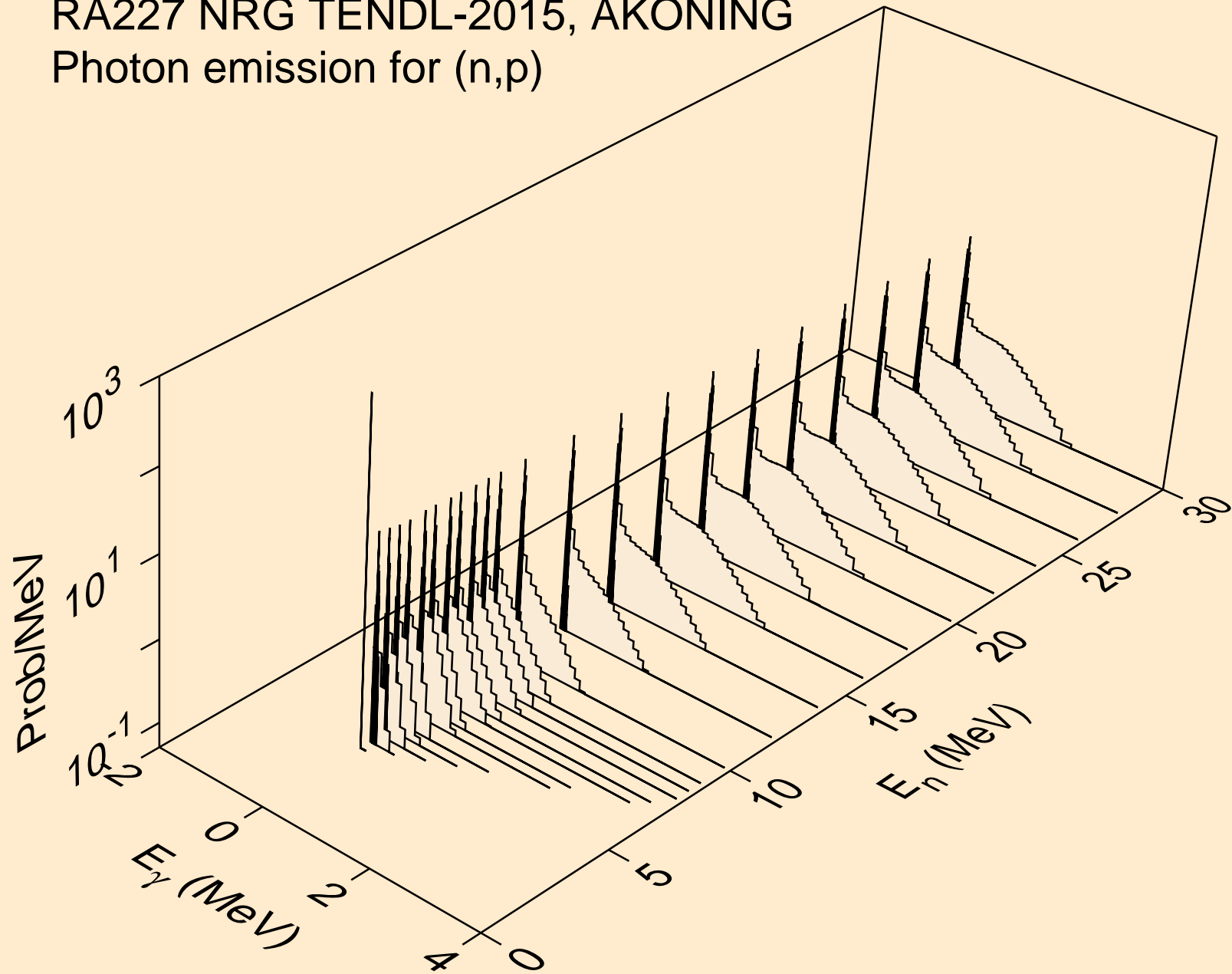
RA227 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



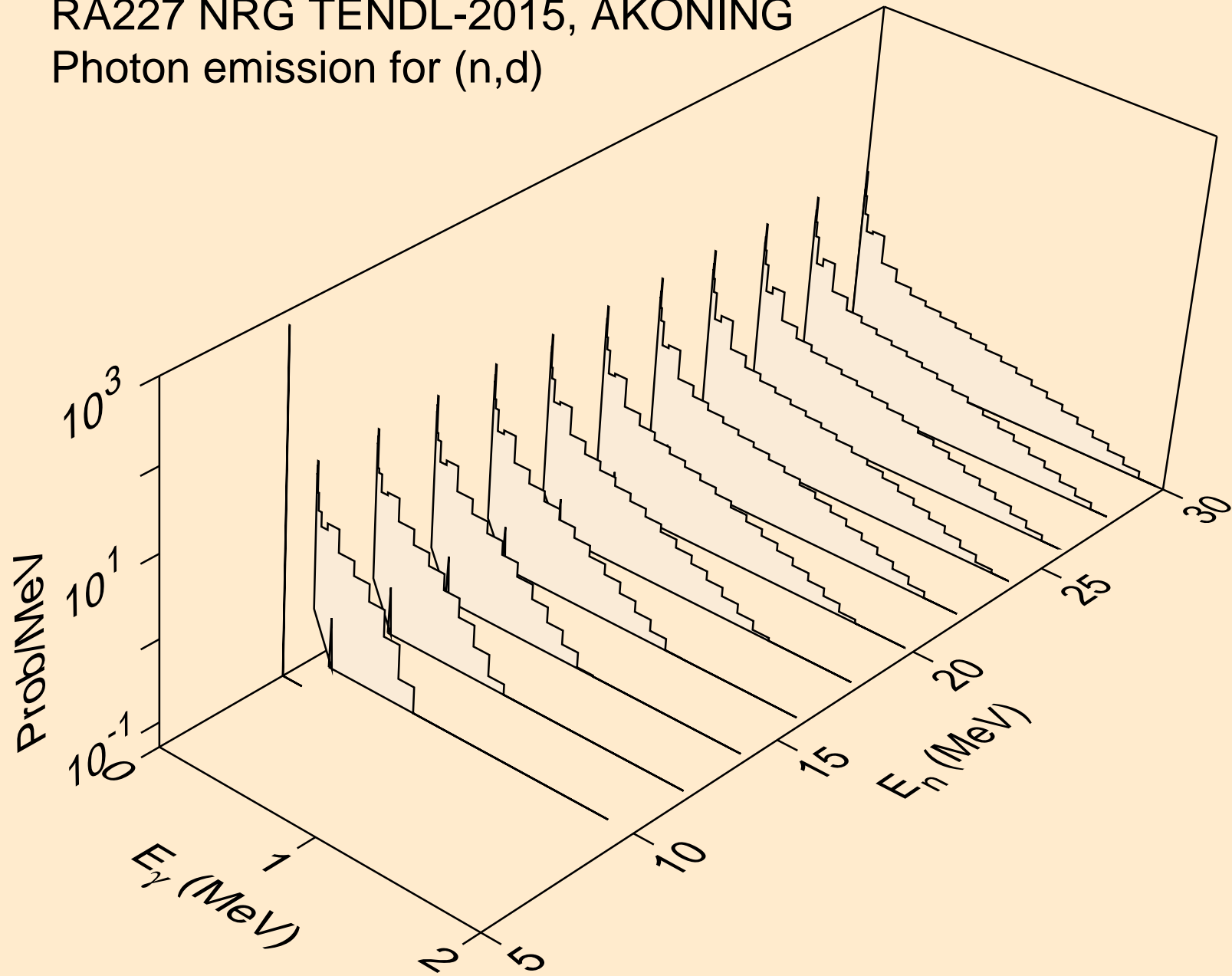
RA227 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



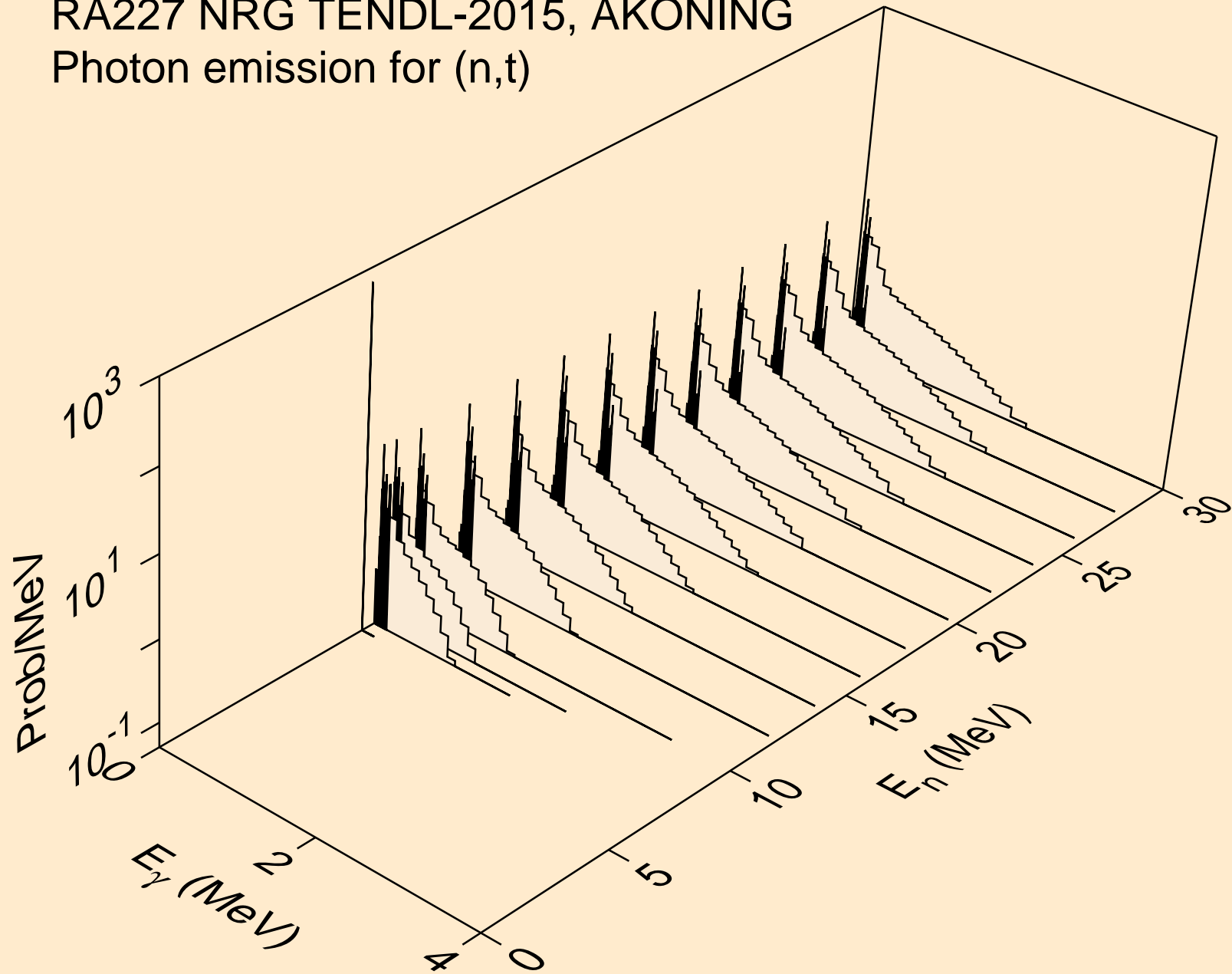
RA227 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



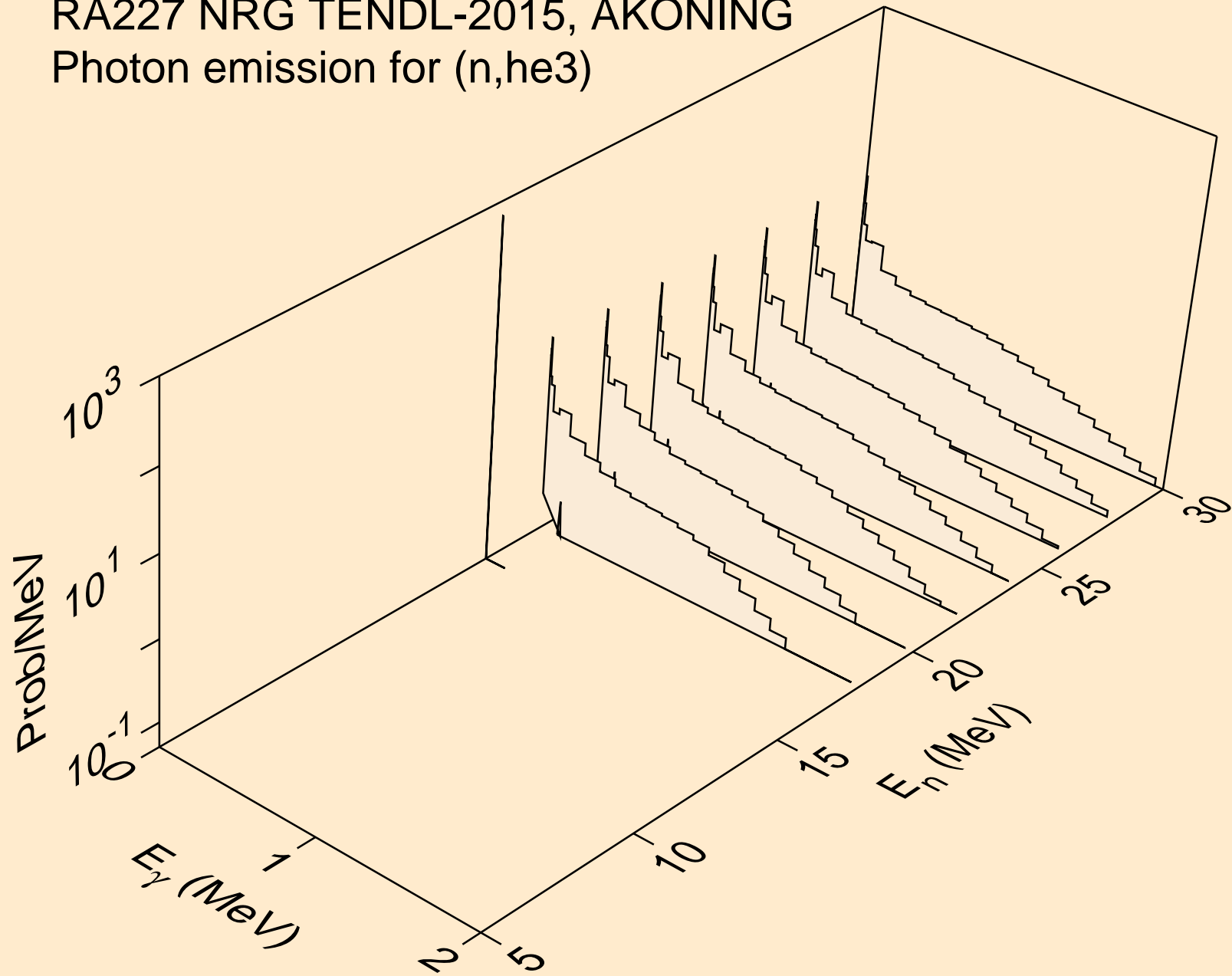
RA227 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



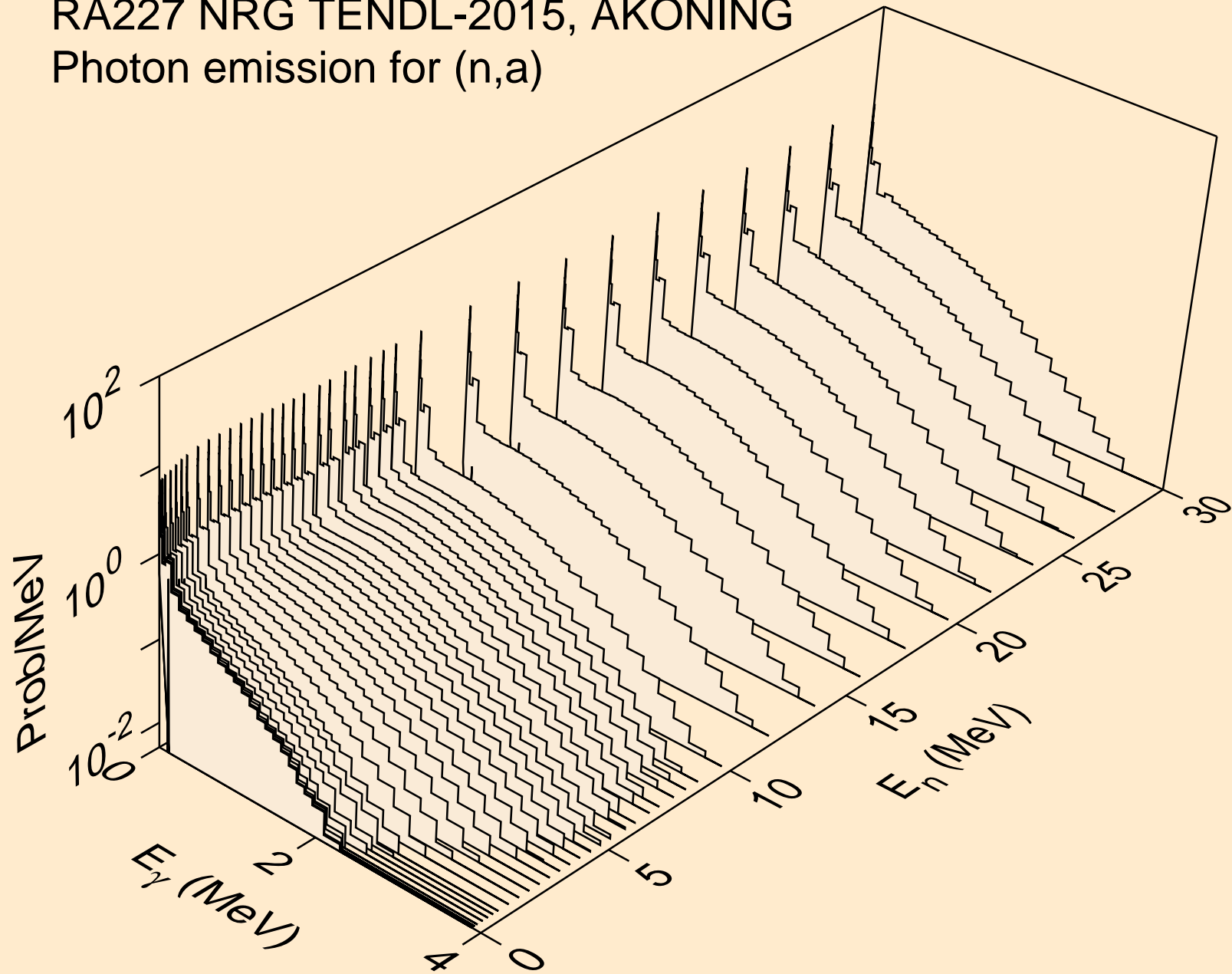
RA227 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



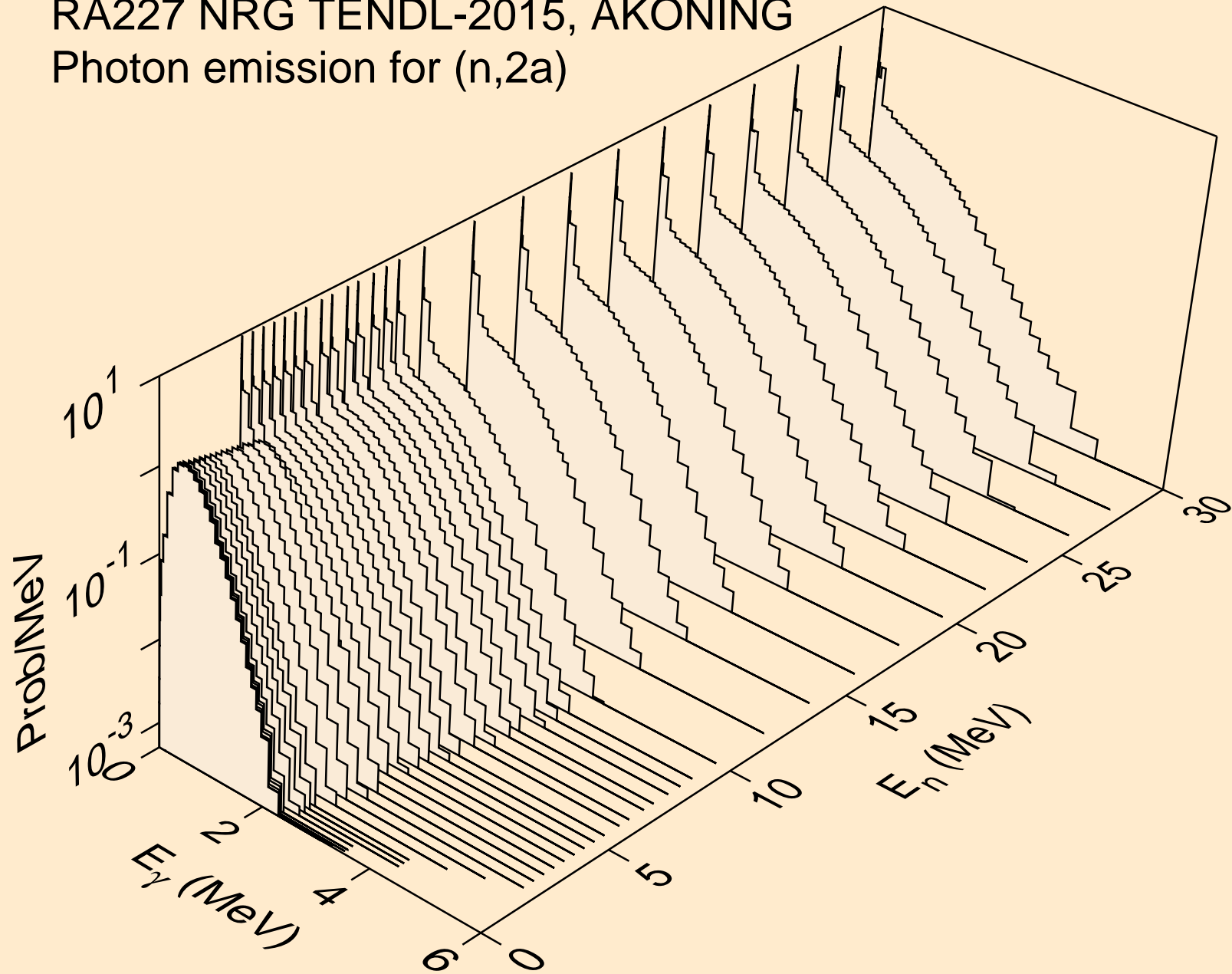
RA227 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



RA227 NRG TENDL-2015, AKONING  
Photon emission for (n,a)

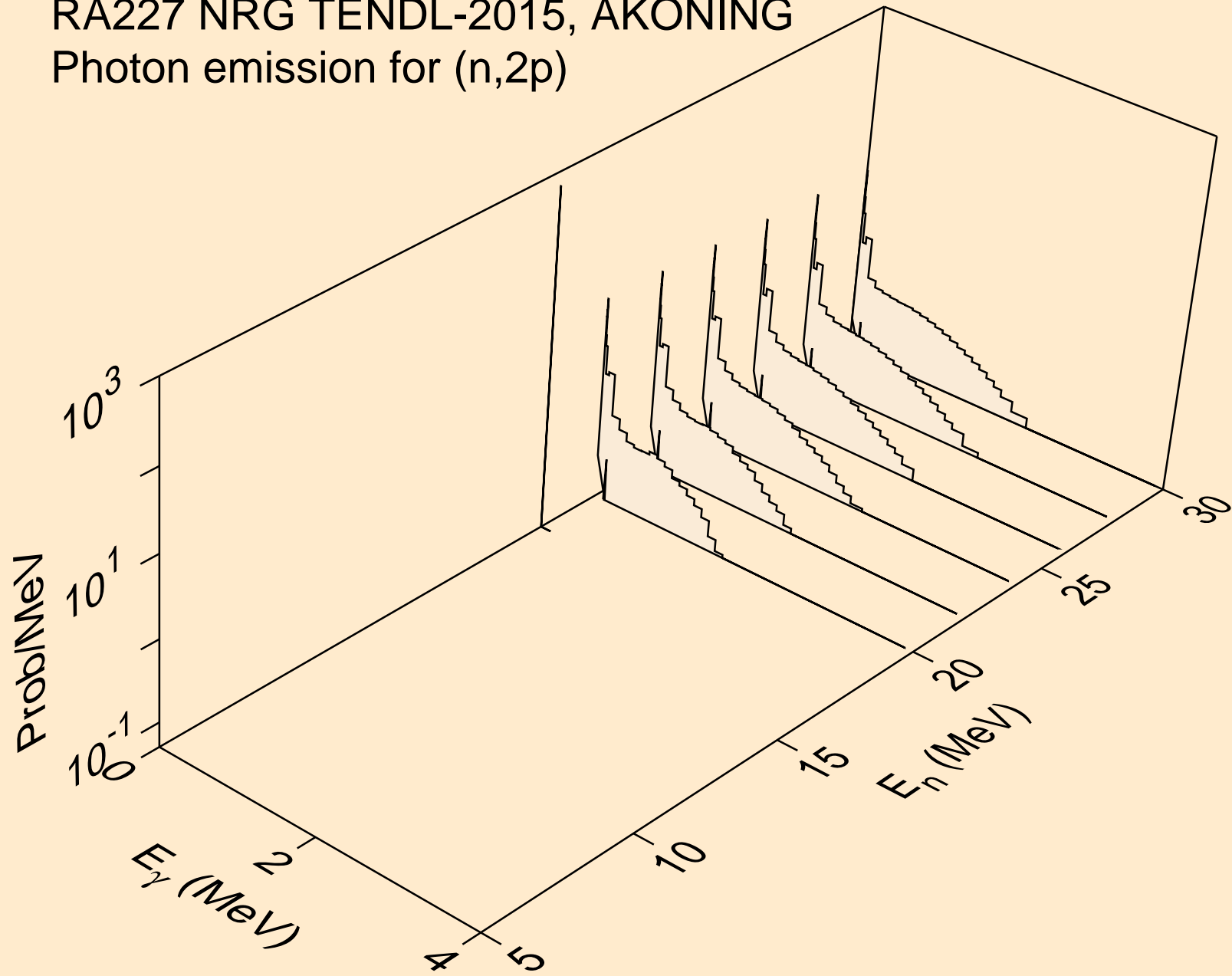


RA227 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)

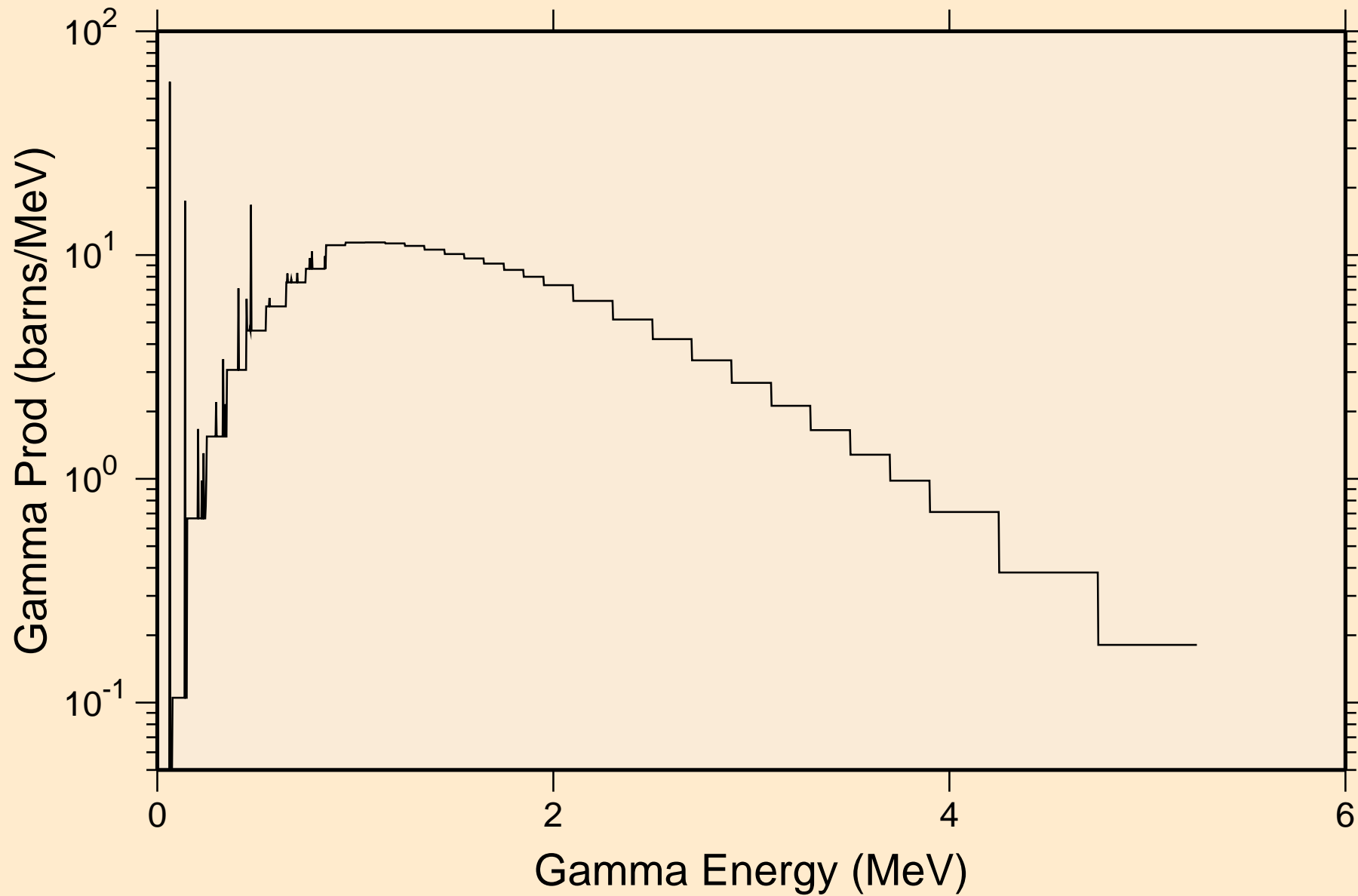




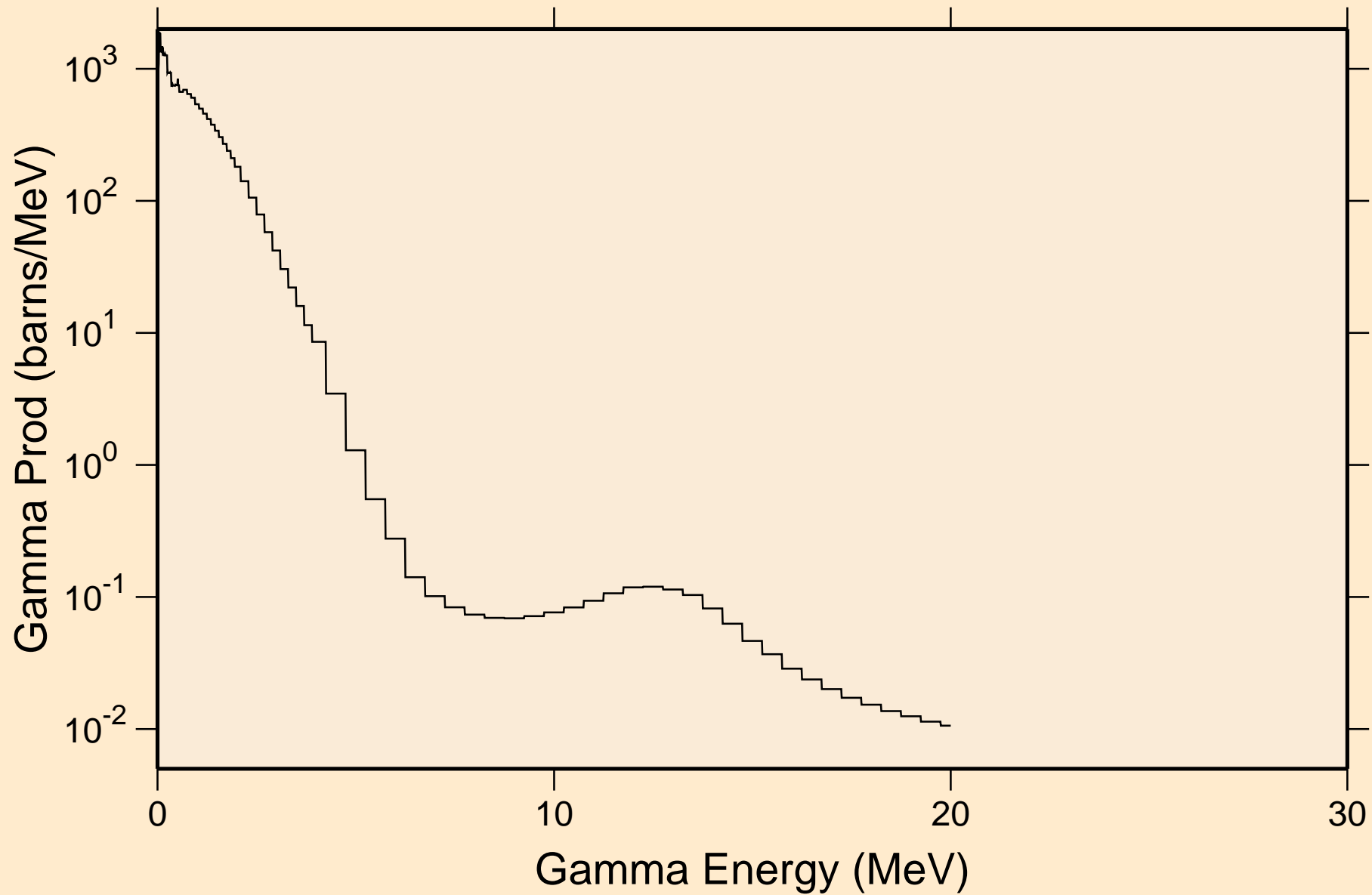
RA227 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



RA227 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

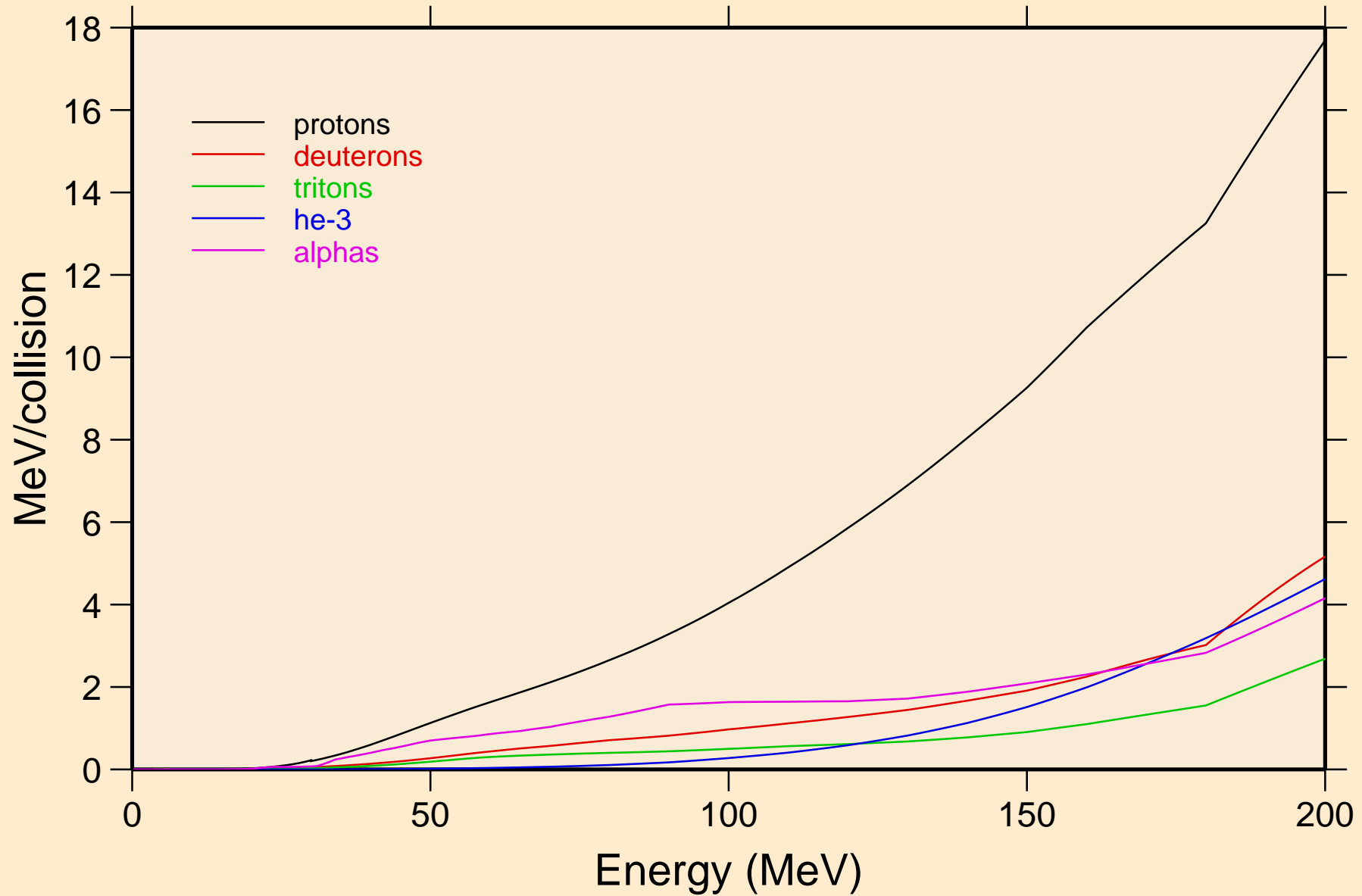


RA227 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



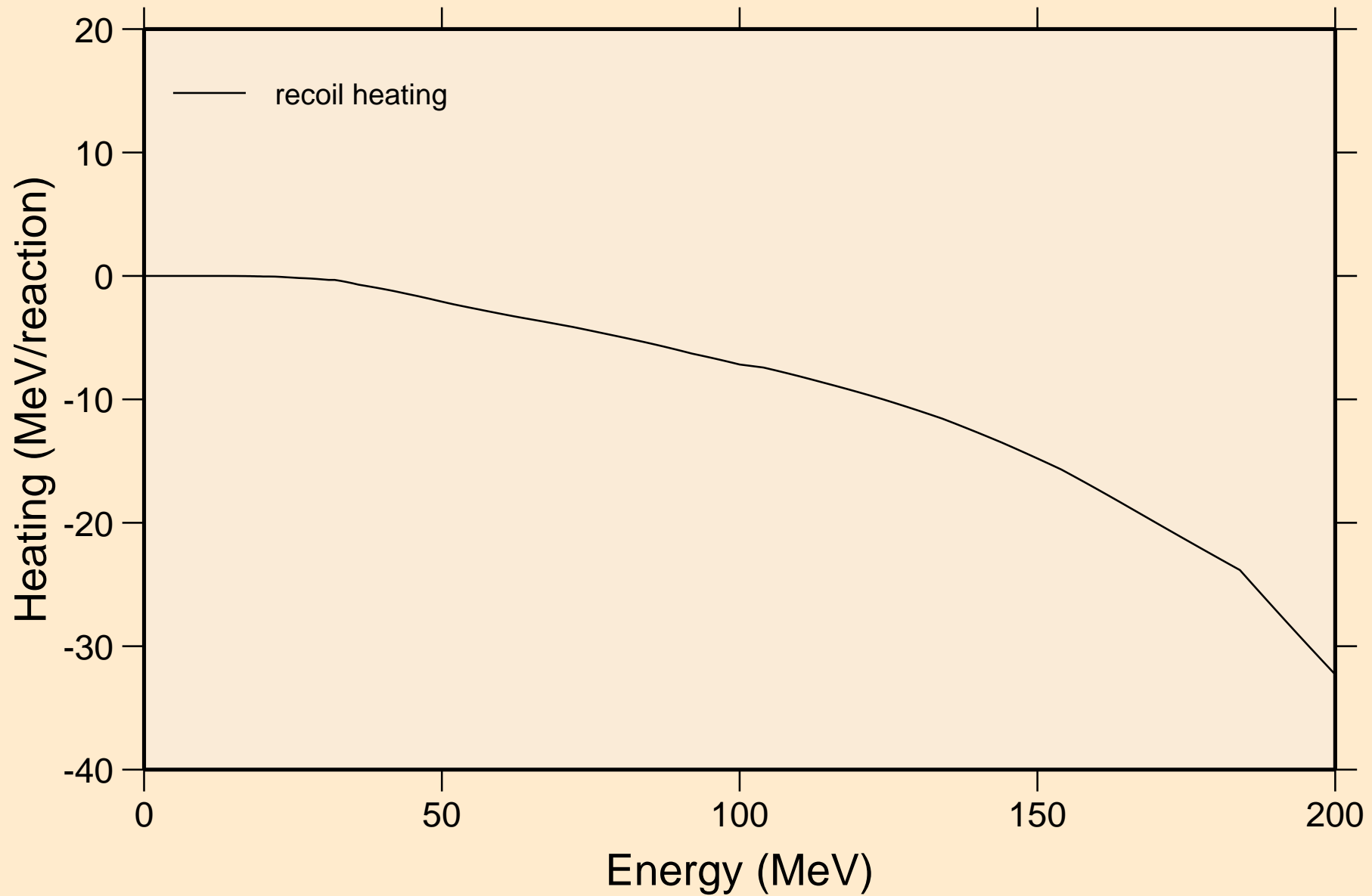
# RA227 NRG TENDL-2015, AKONING

## Particle heating contributions



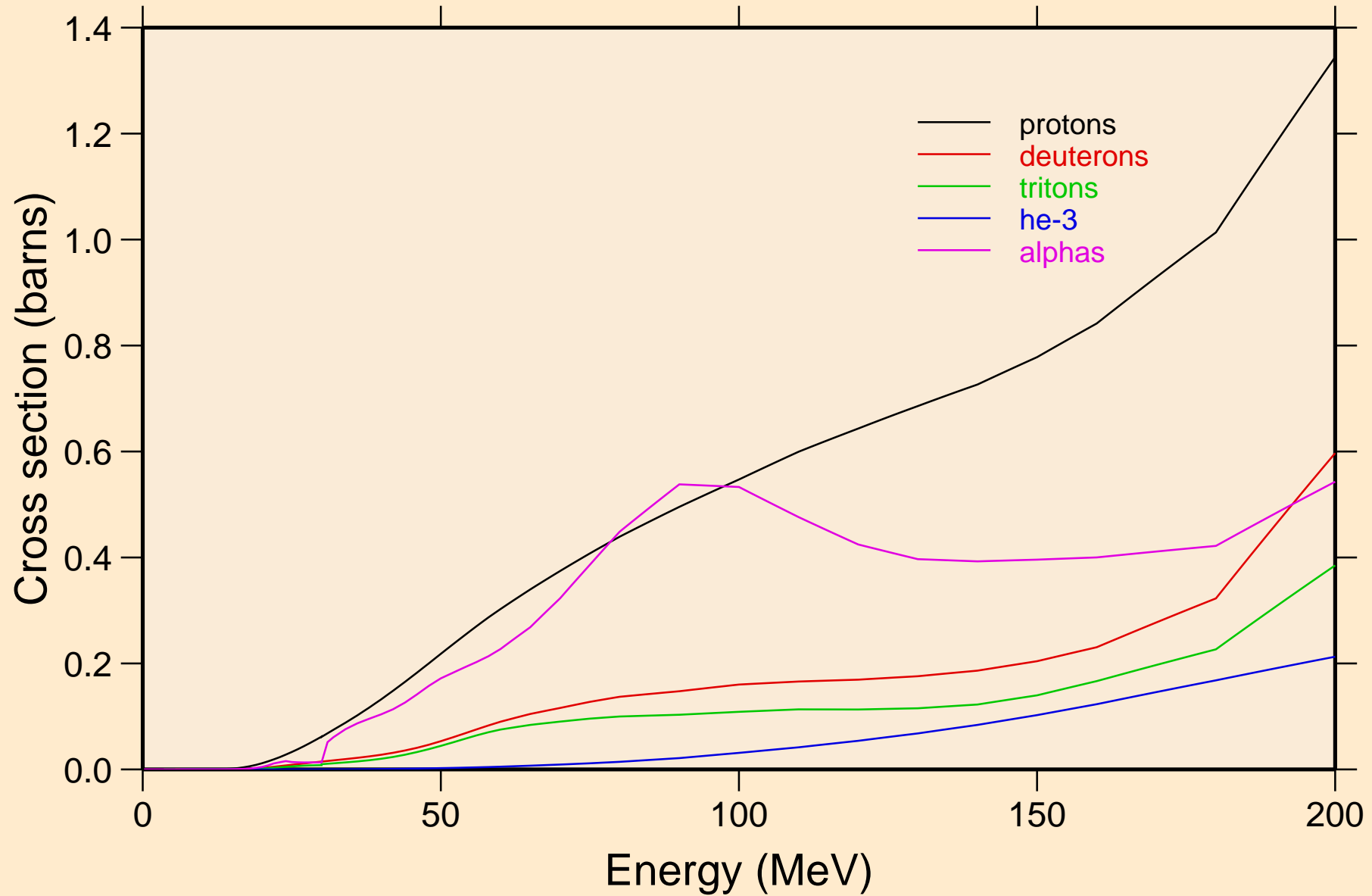
# RA227 NRG TENDL-2015, AKONING

## Recoil Heating

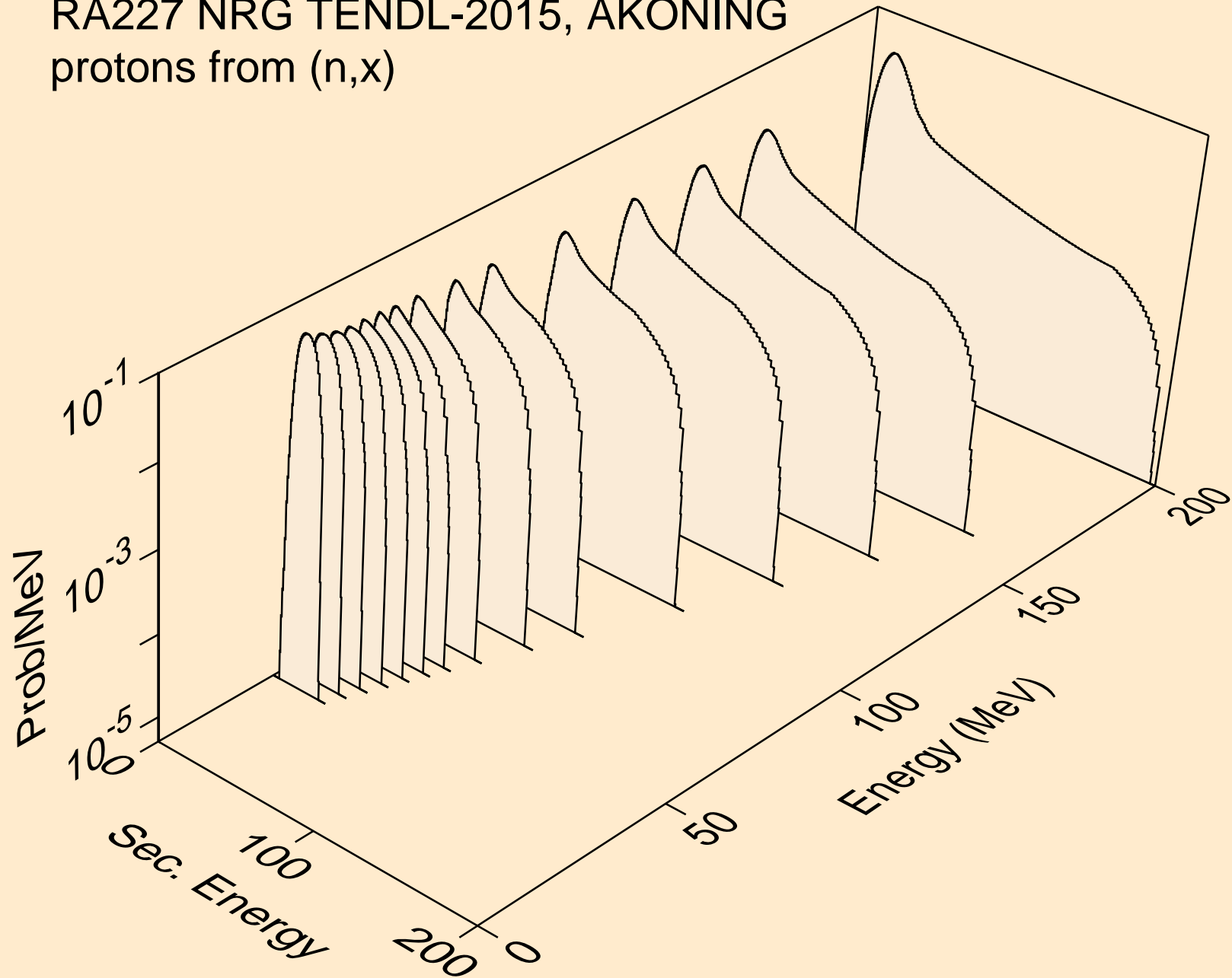


# RA227 NRG TENDL-2015, AKONING

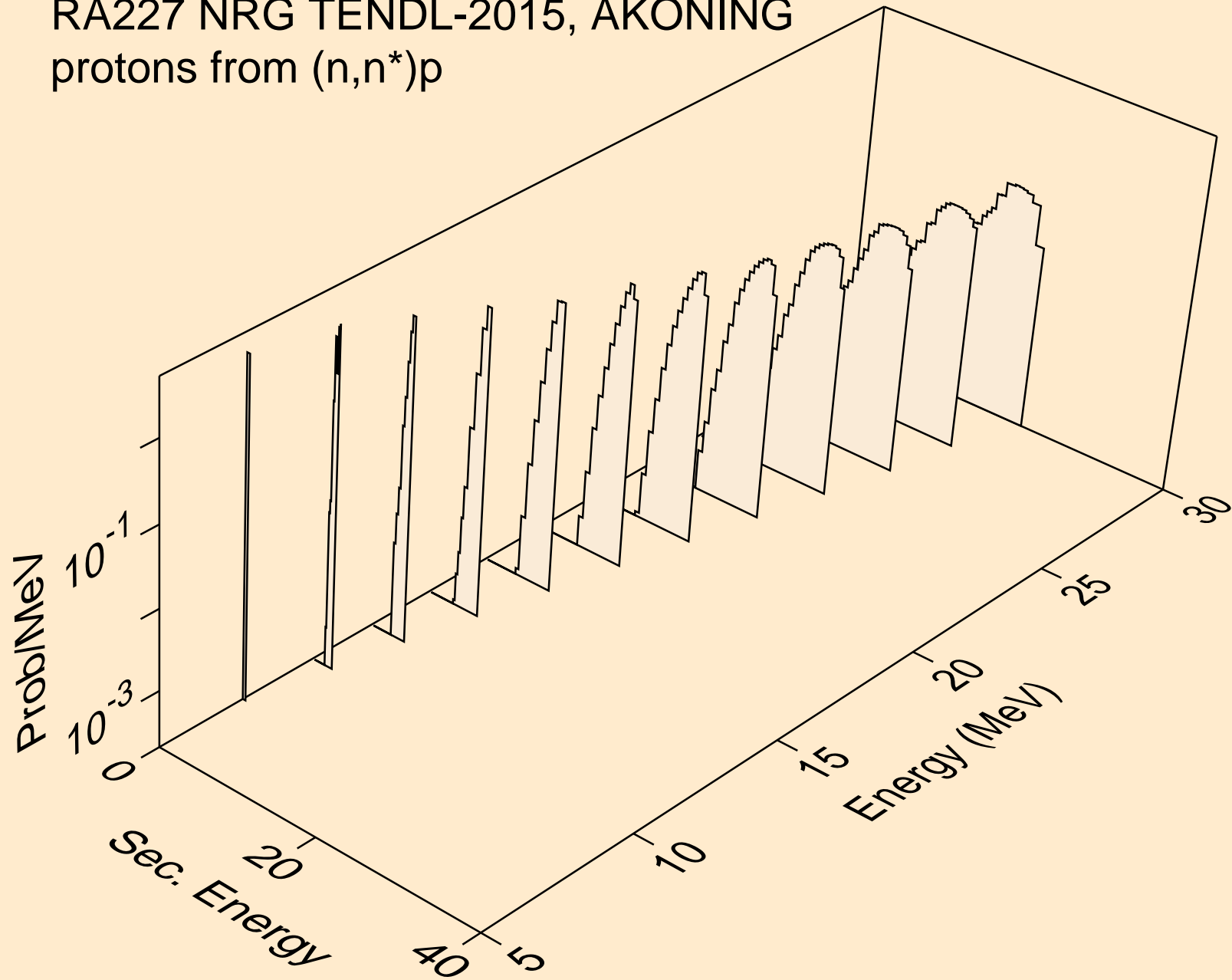
## Particle production cross sections



RA227 NRG TENDL-2015, AKONING  
protons from (n,x)

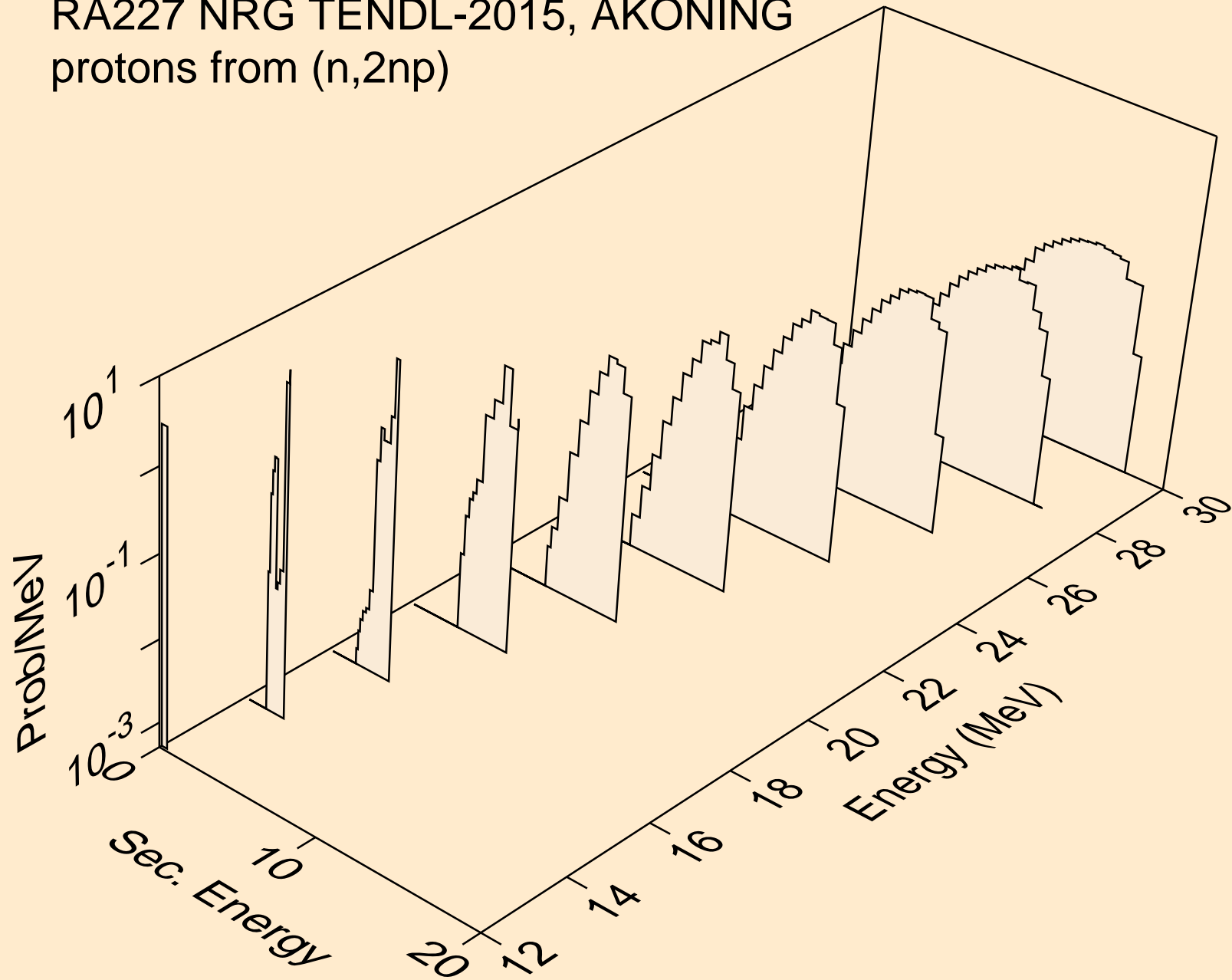


RA227 NRG TENDL-2015, AKONING  
protons from (n,n\*)p

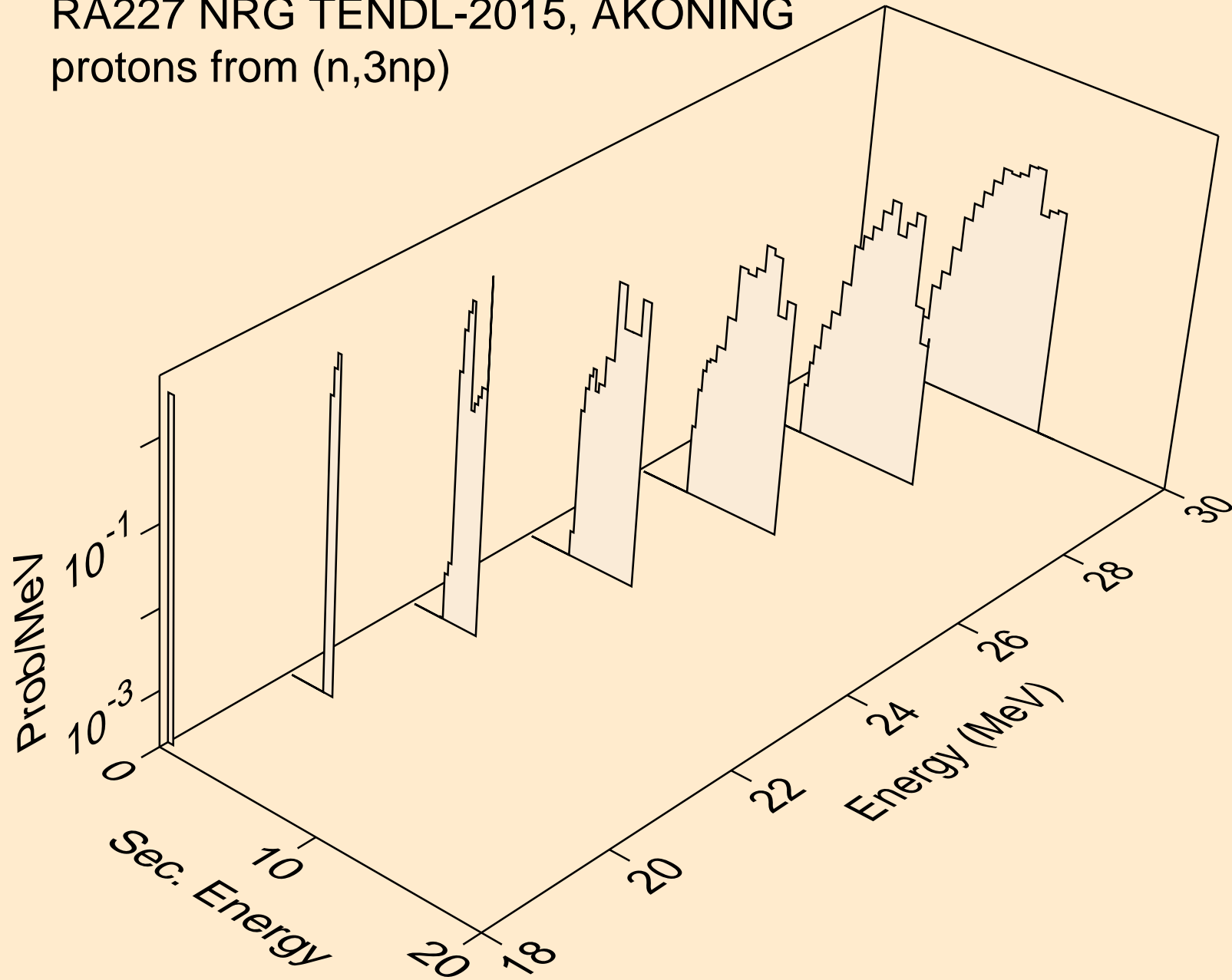




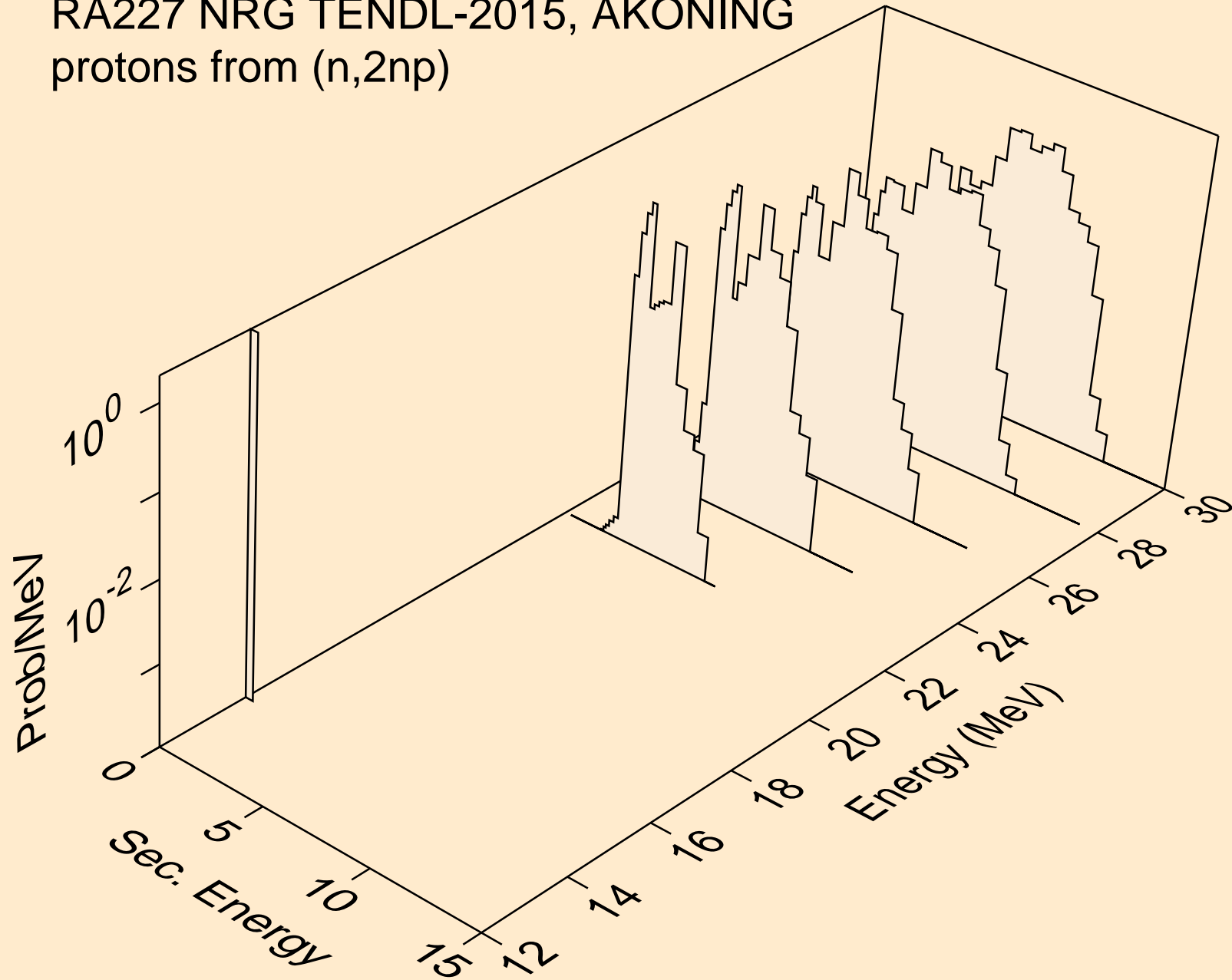
RA227 NRG TENDL-2015, AKONING  
protons from (n,2np)



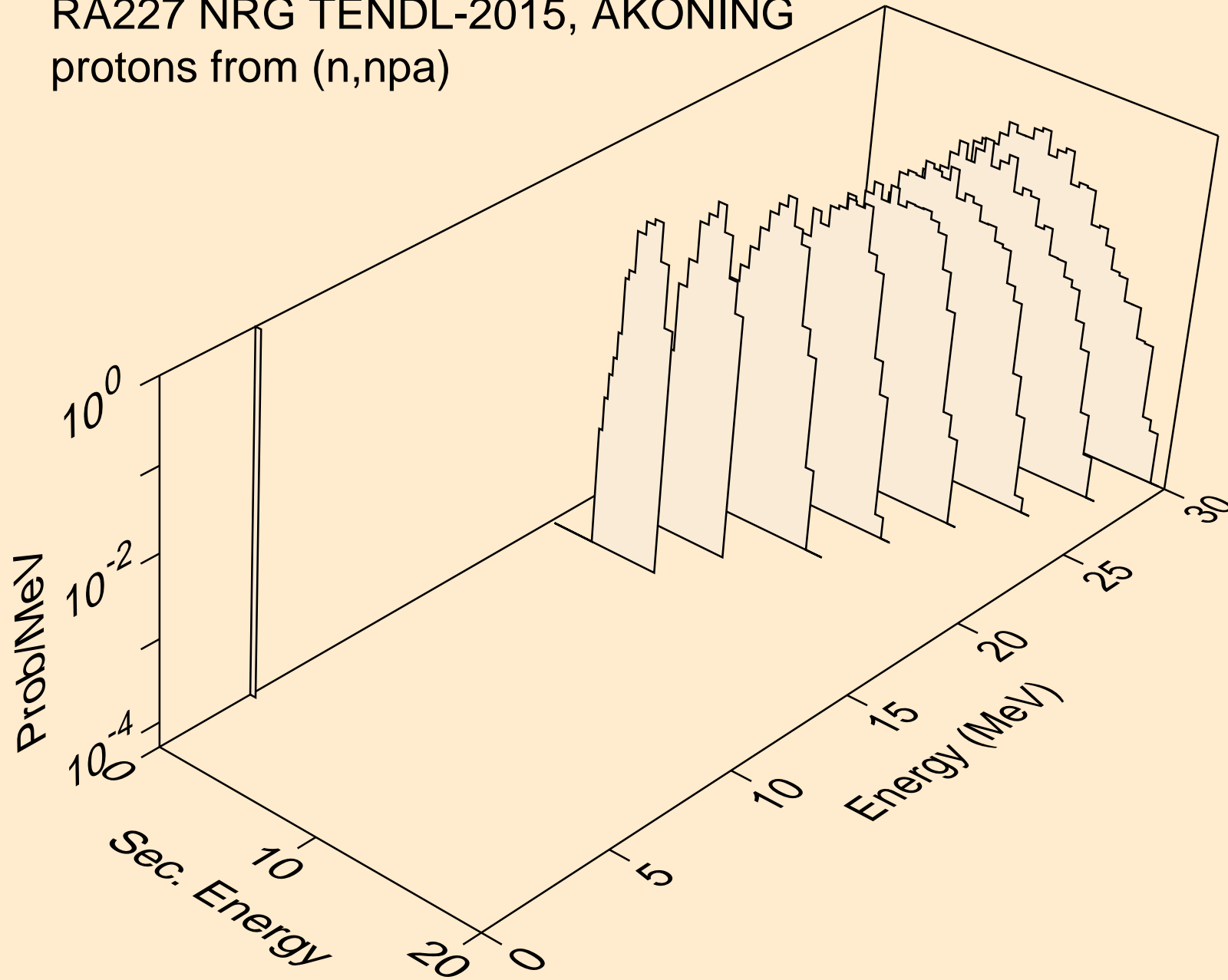
RA227 NRG TENDL-2015, AKONING  
protons from (n,3np)



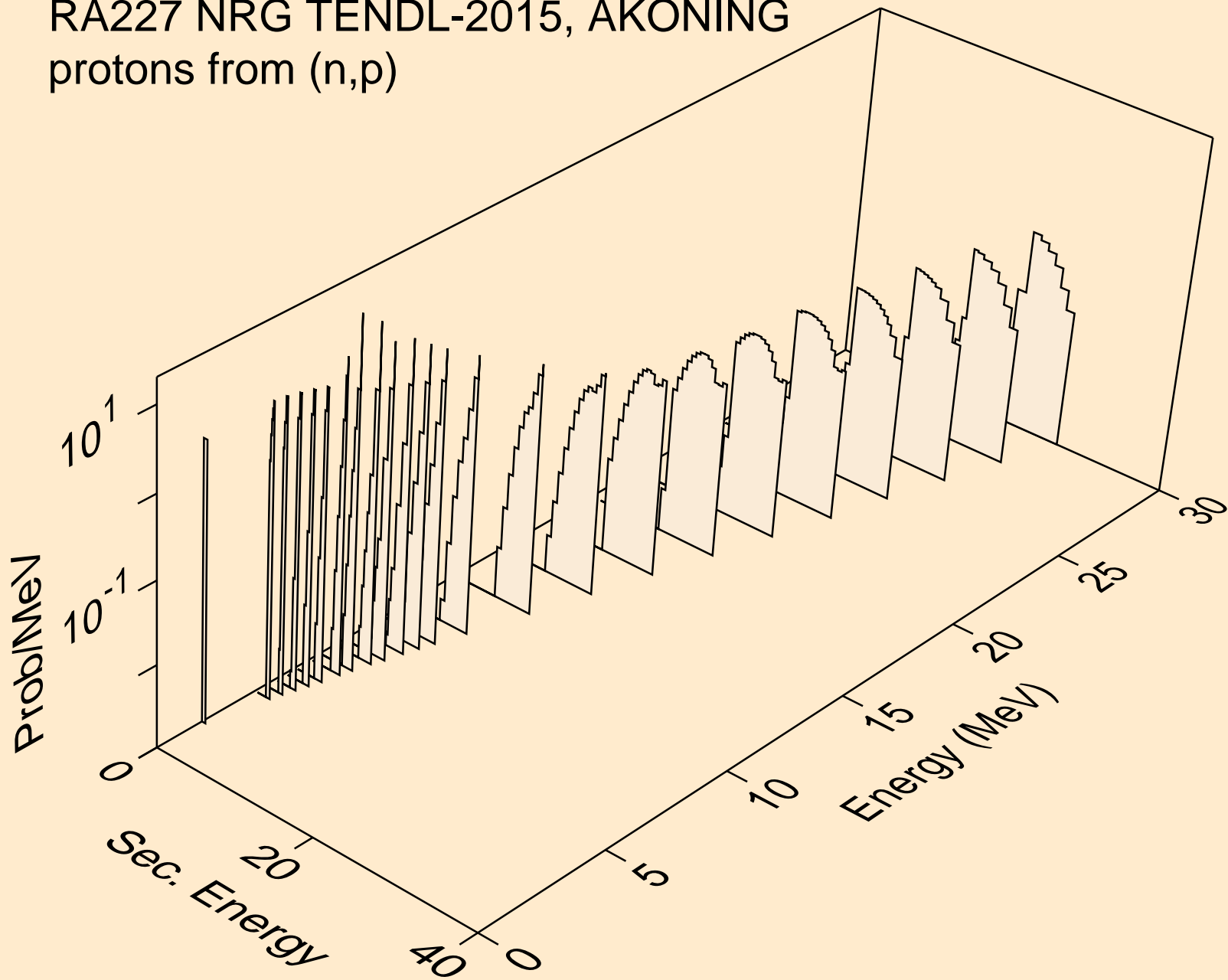
RA227 NRG TENDL-2015, AKONING  
protons from (n,2np)



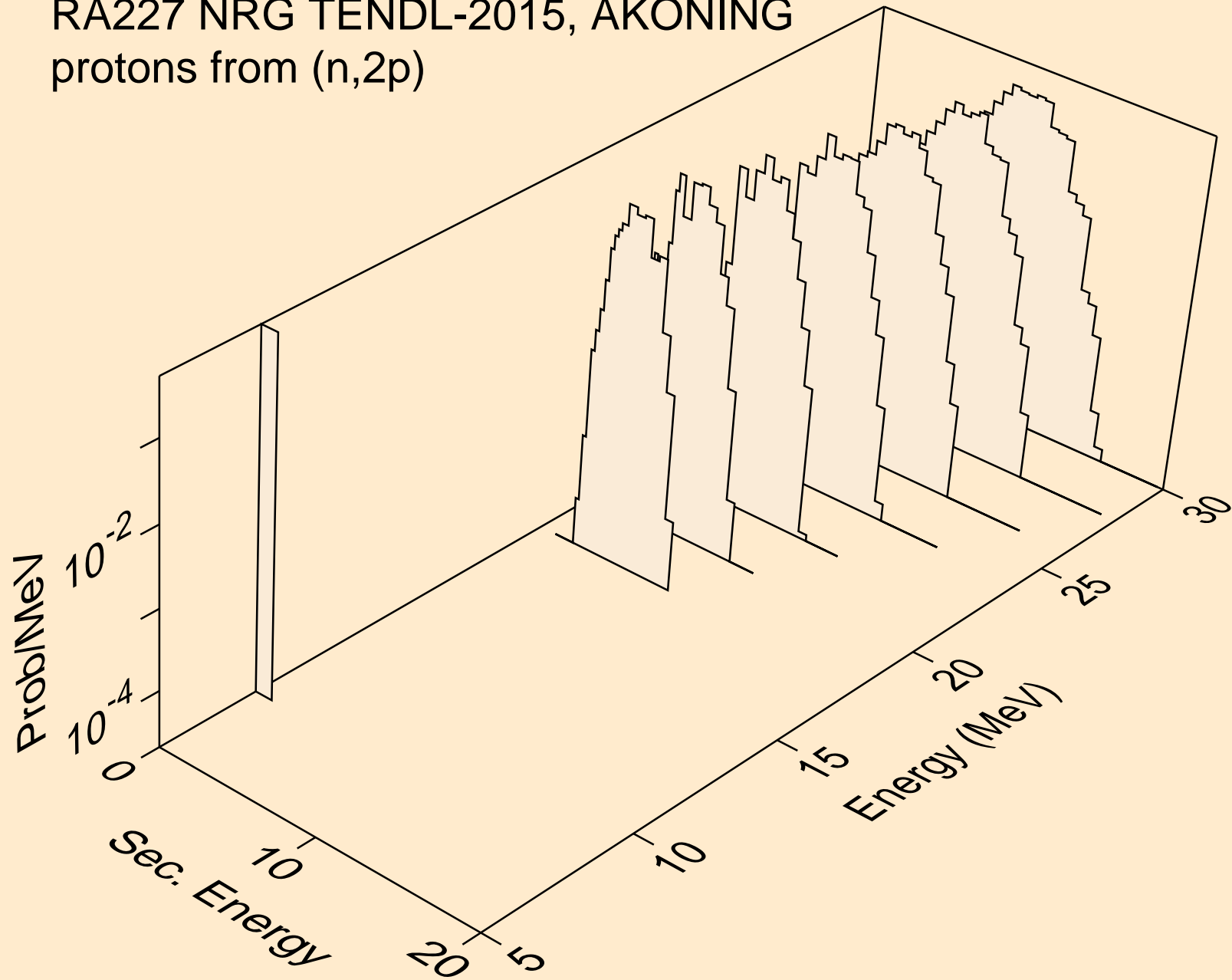
RA227 NRG TENDL-2015, AKONING  
protons from (n,npa)



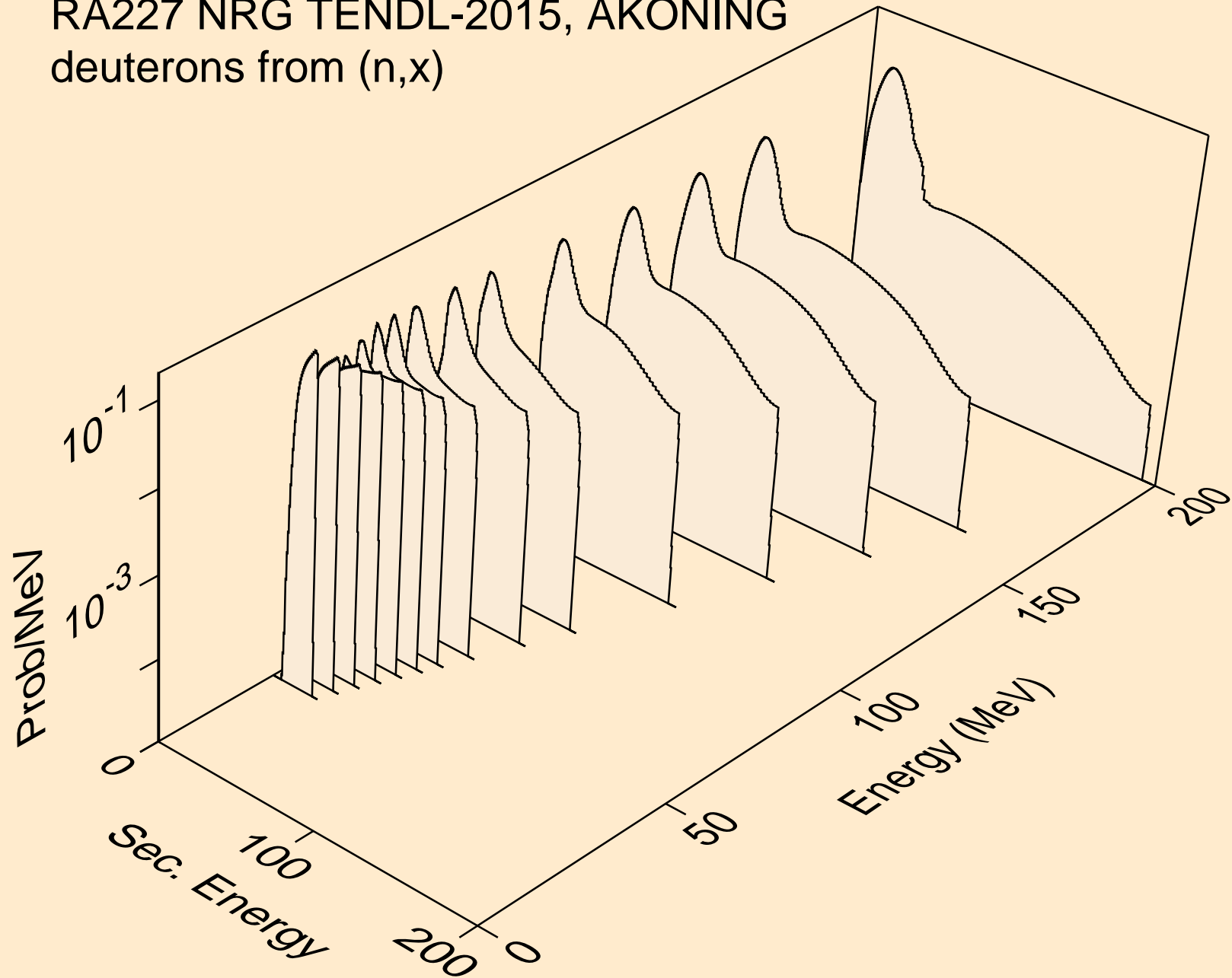
RA227 NRG TENDL-2015, AKONING  
protons from (n,p)



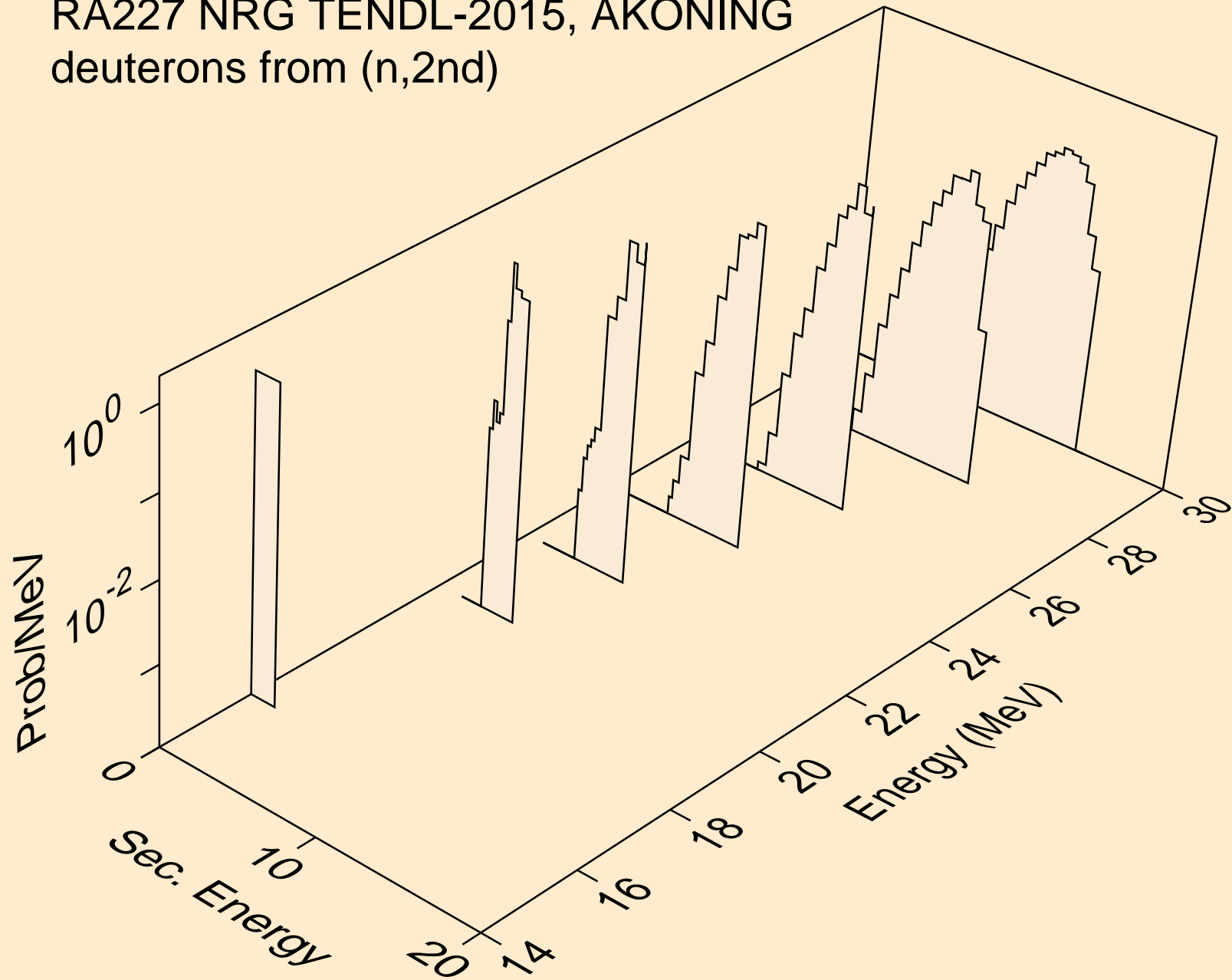
RA227 NRG TENDL-2015, AKONING  
protons from (n,2p)



RA227 NRG TENDL-2015, AKONING  
deuterons from (n,x)

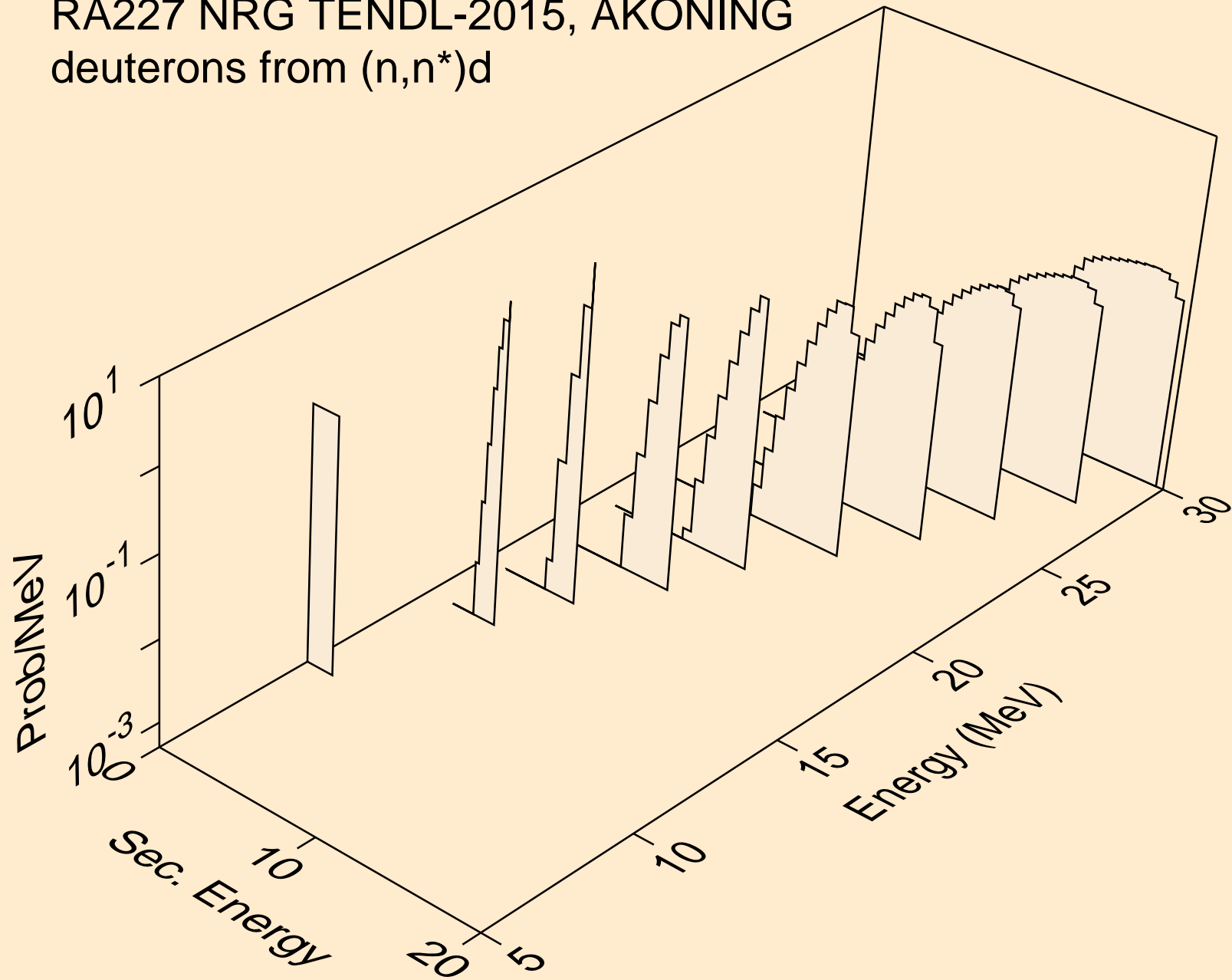


RA227 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)

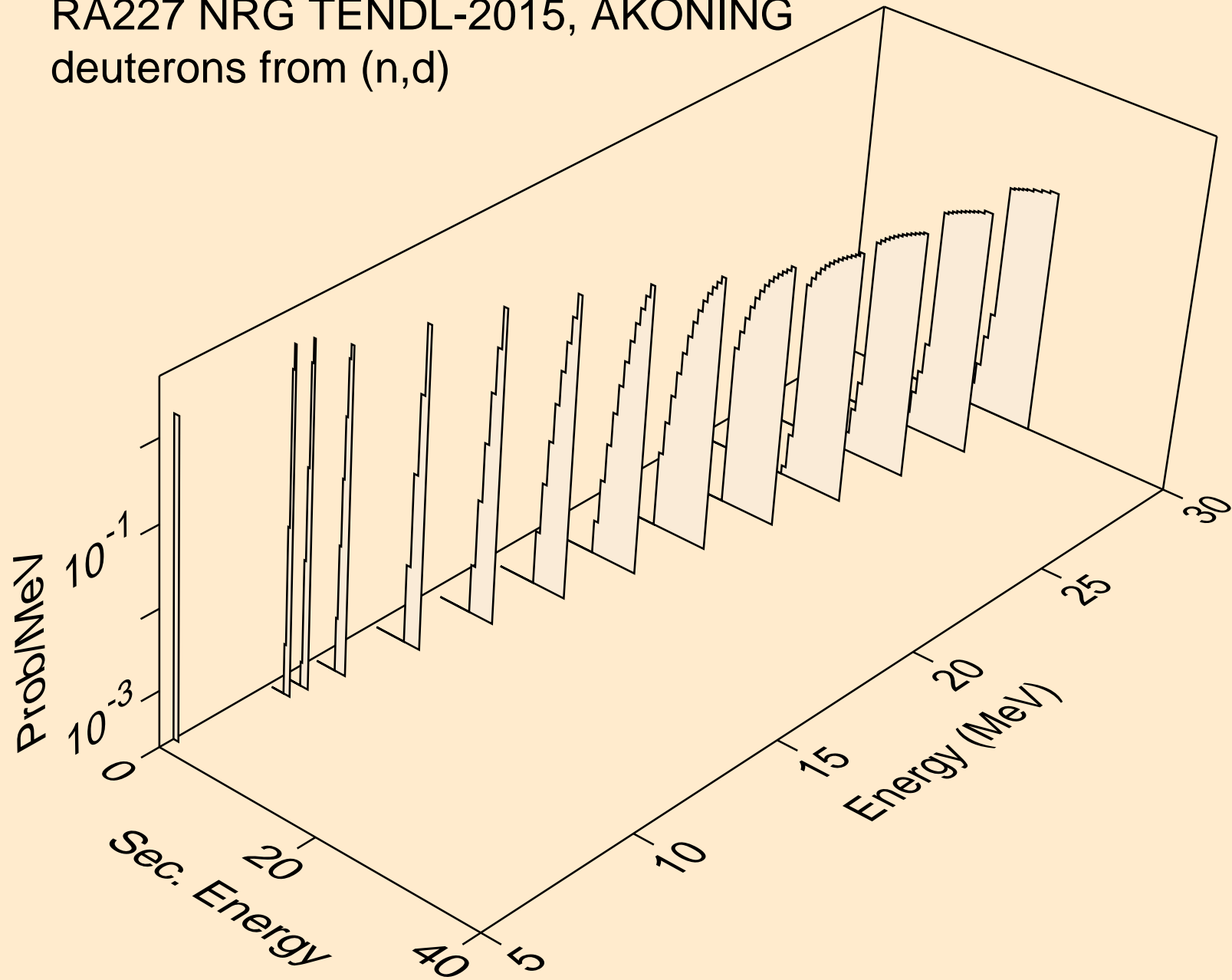




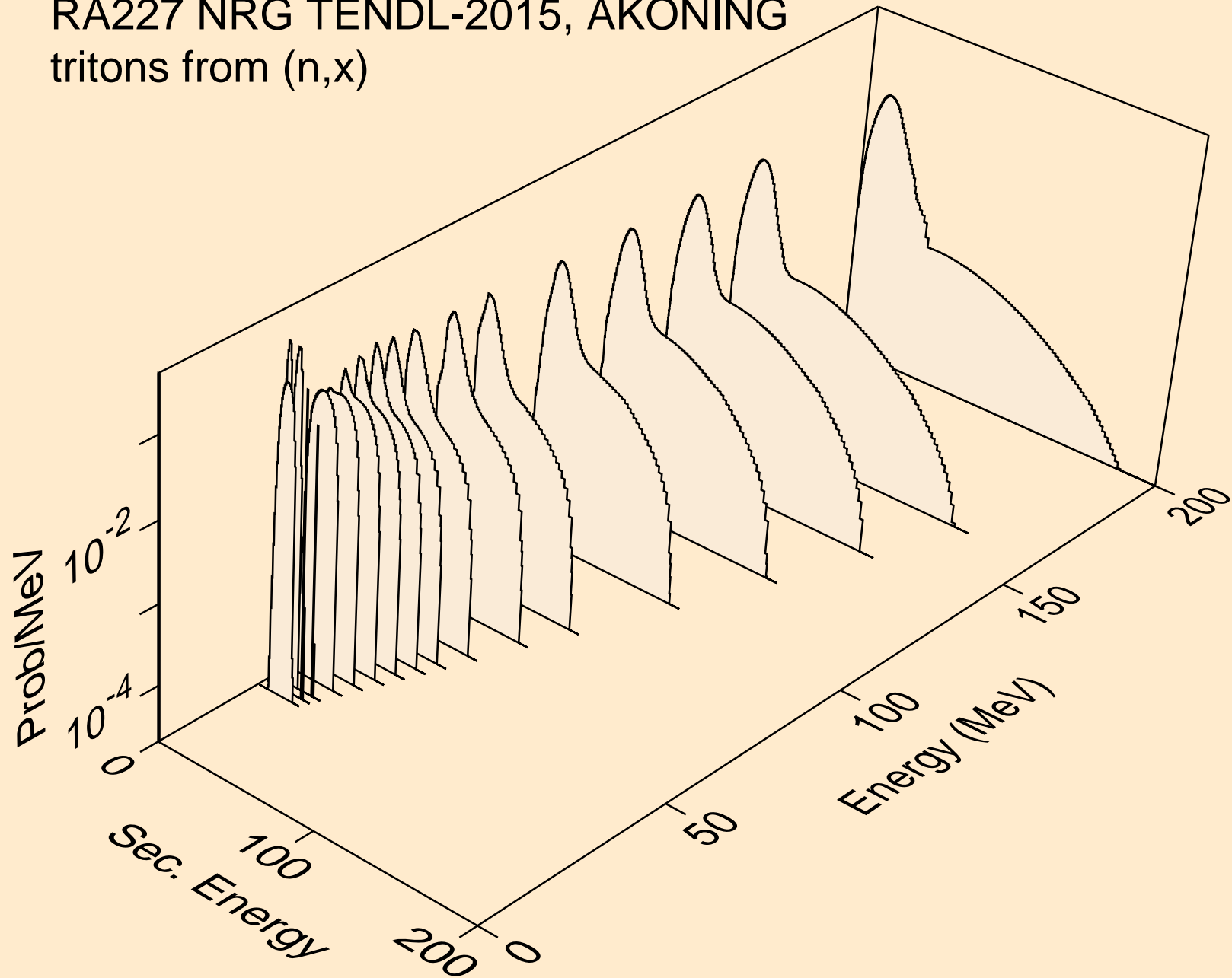
RA227 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



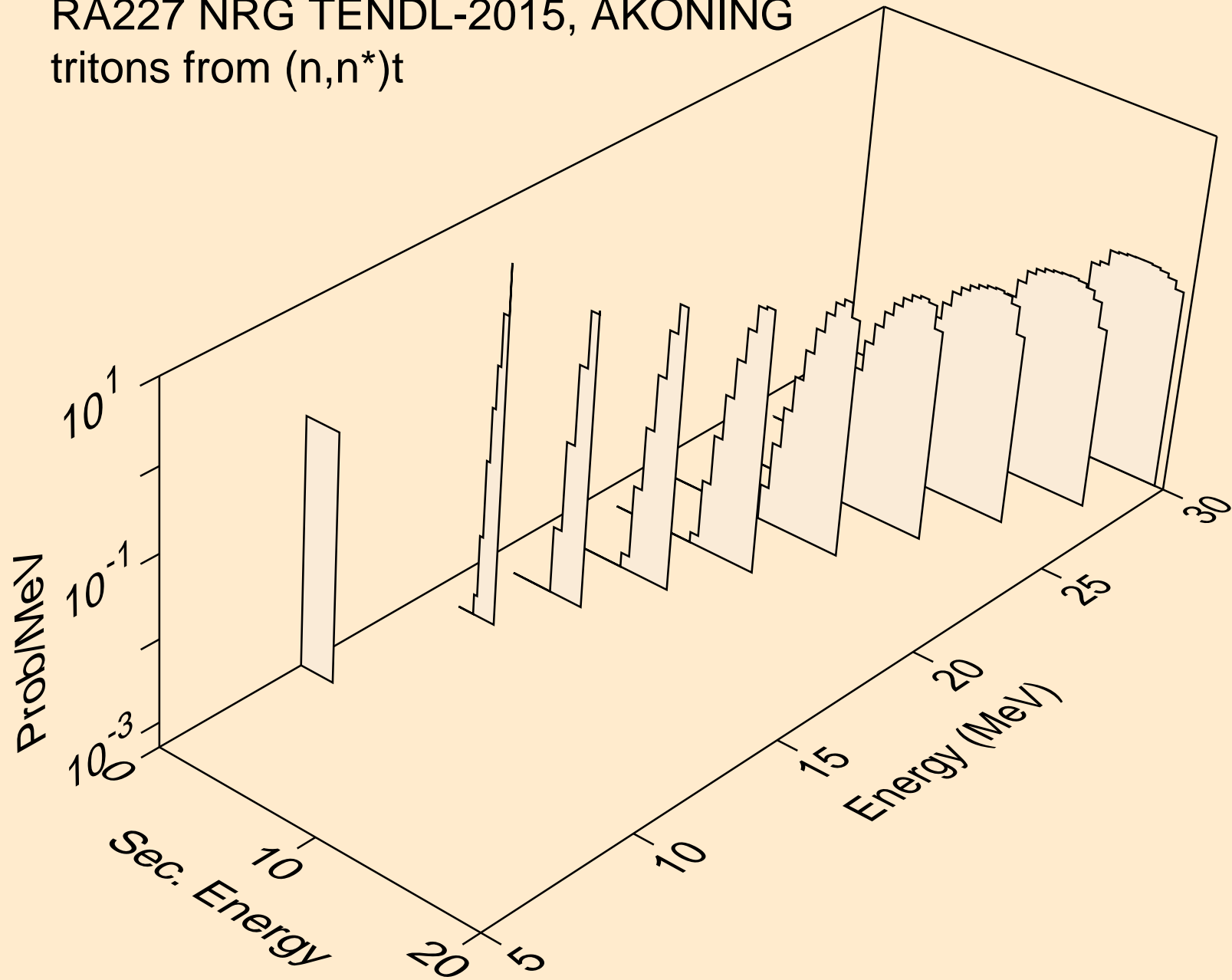
RA227 NRG TENDL-2015, AKONING  
deuterons from (n,d)



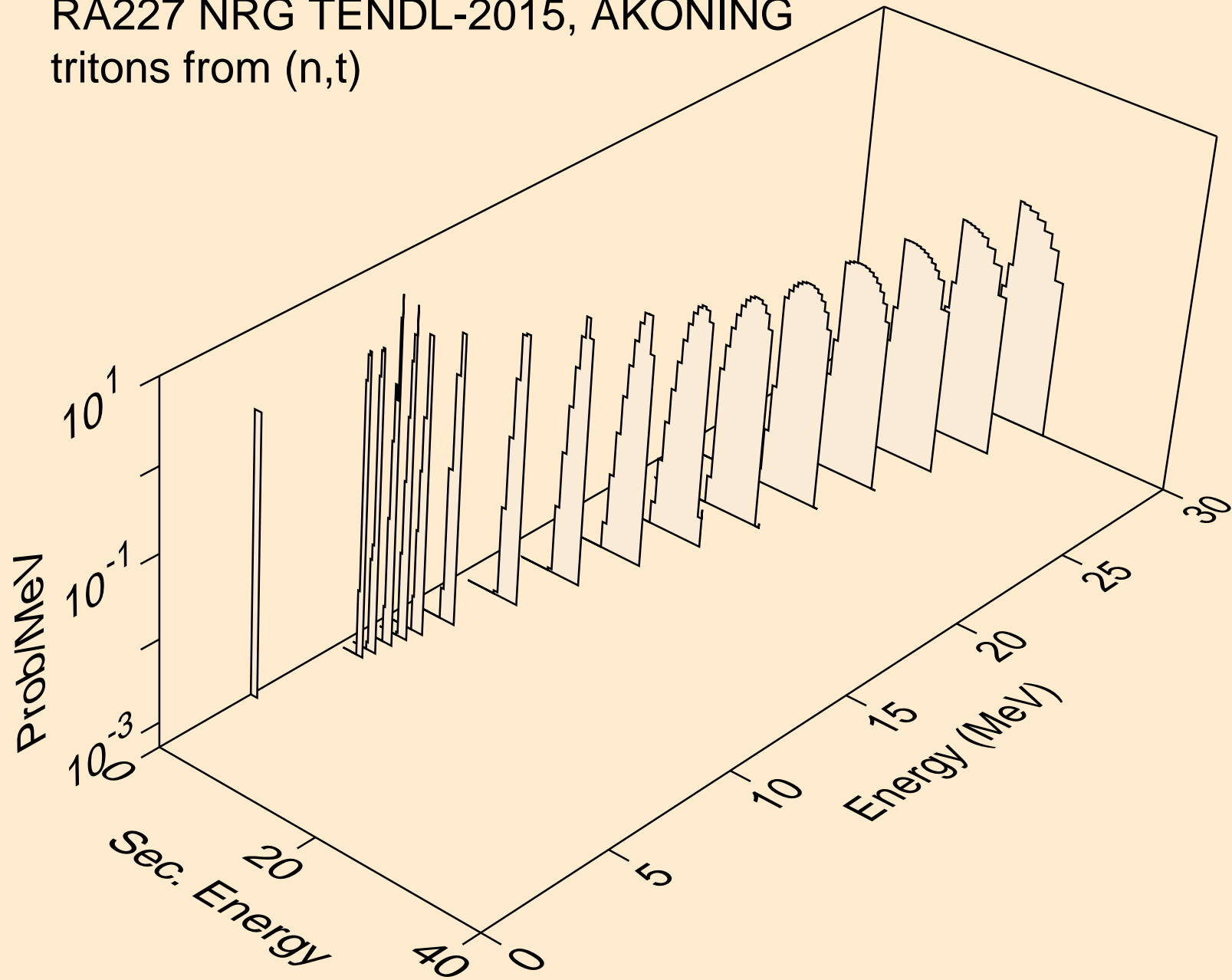
RA227 NRG TENDL-2015, AKONING  
tritons from (n,x)



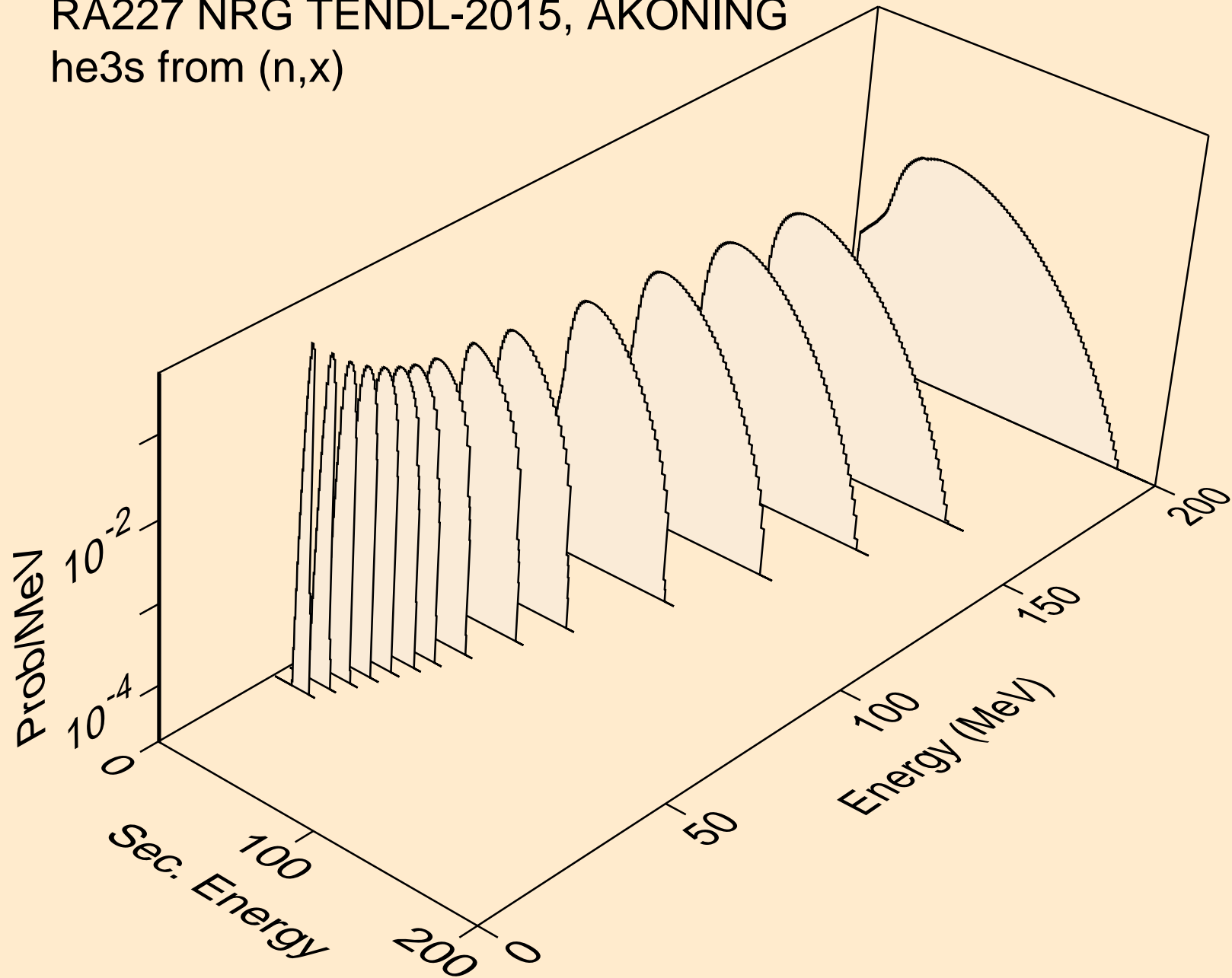
RA227 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



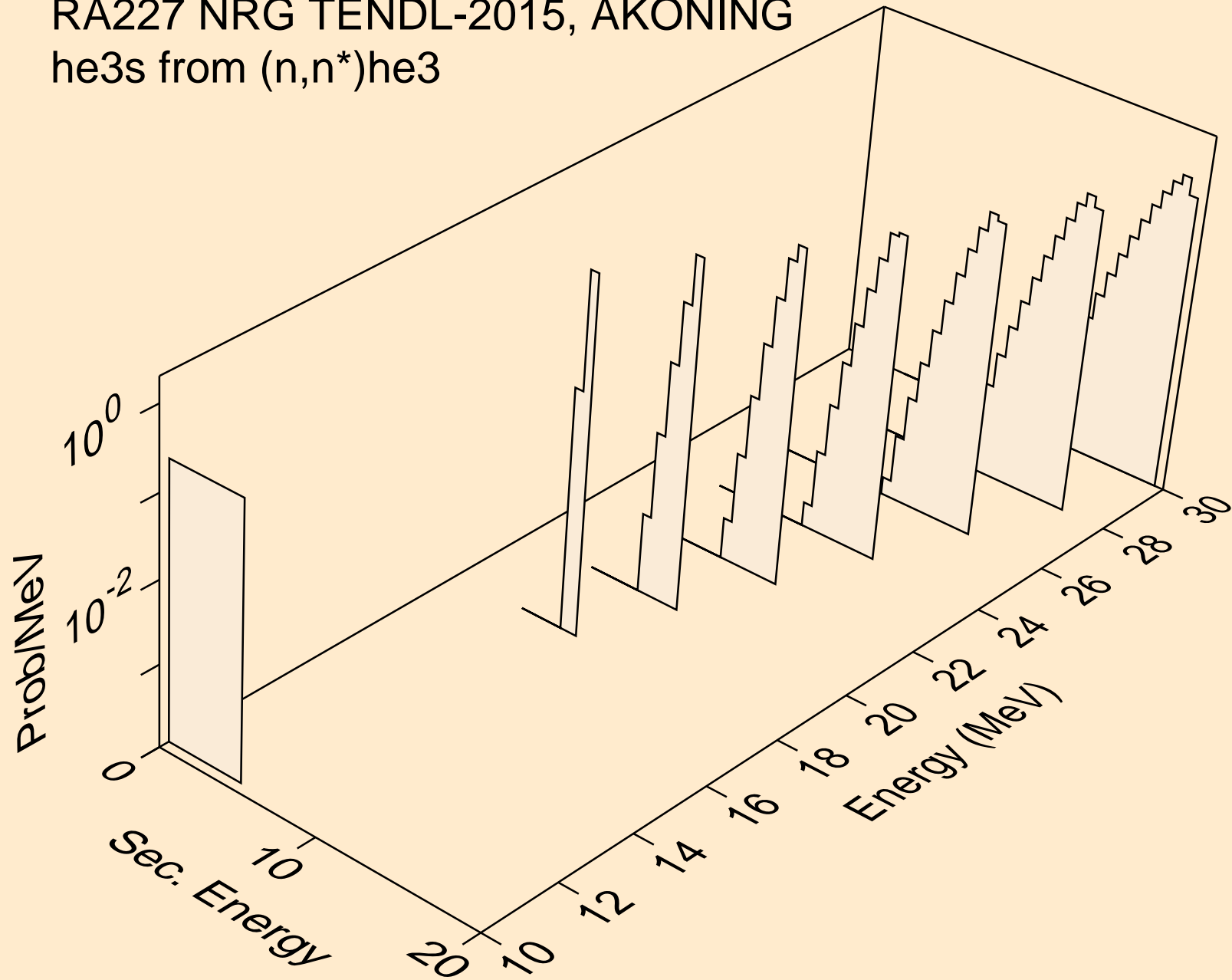
RA227 NRG TENDL-2015, AKONING  
tritons from (n,t)



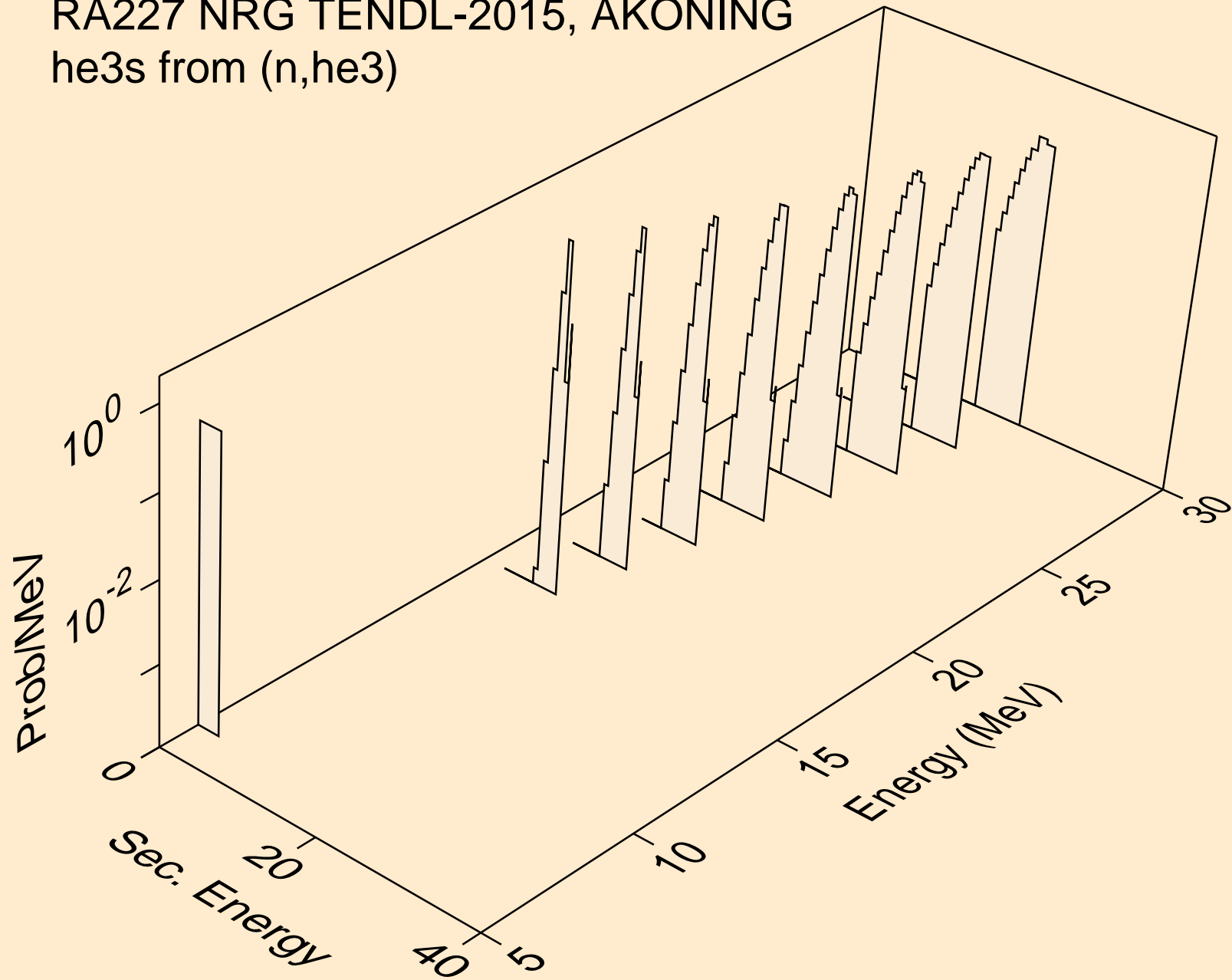
RA227 NRG TENDL-2015, AKONING  
he3s from (n,x)



RA227 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3

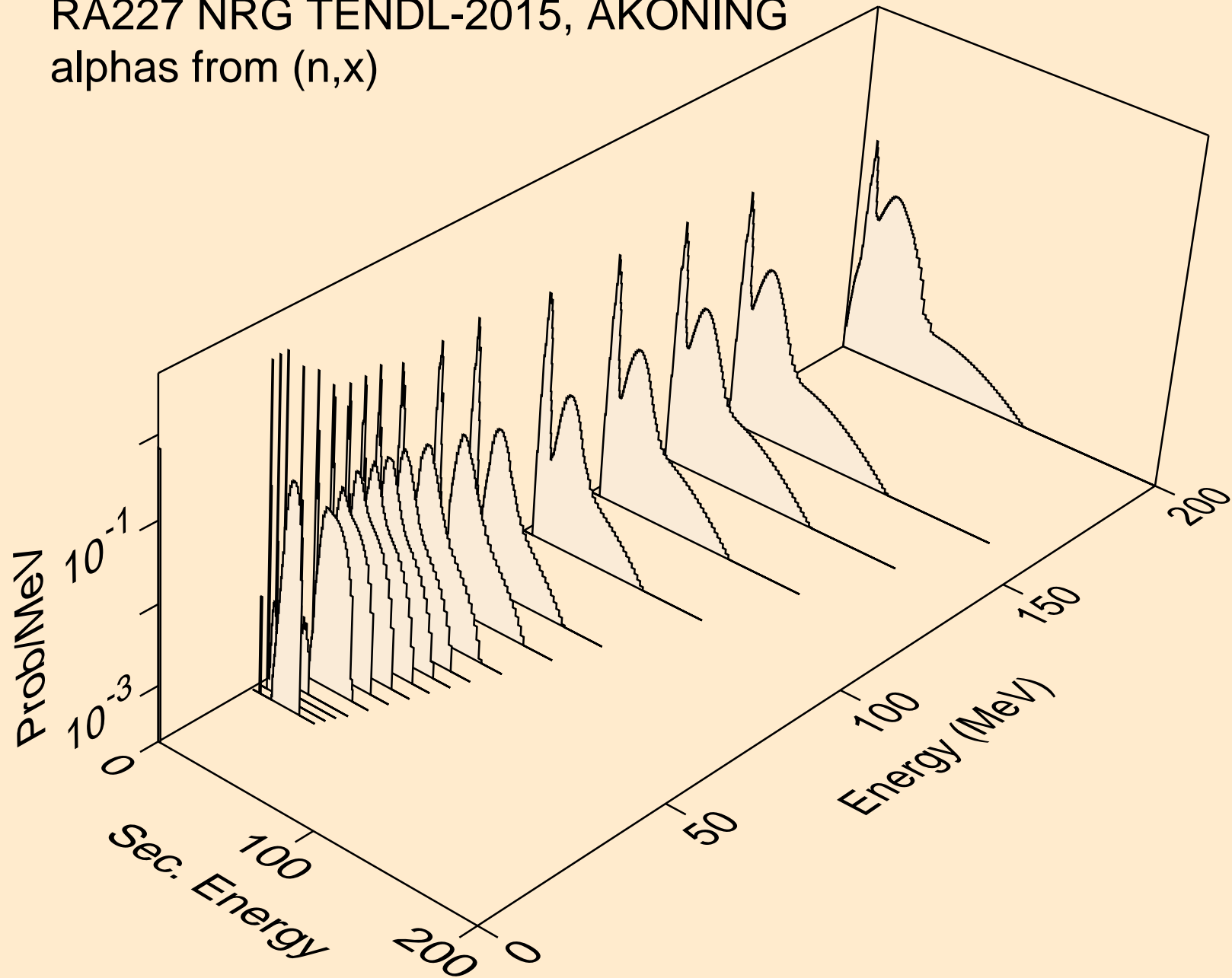


RA227 NRG TENDL-2015, AKONING  
he3s from (n,he3)

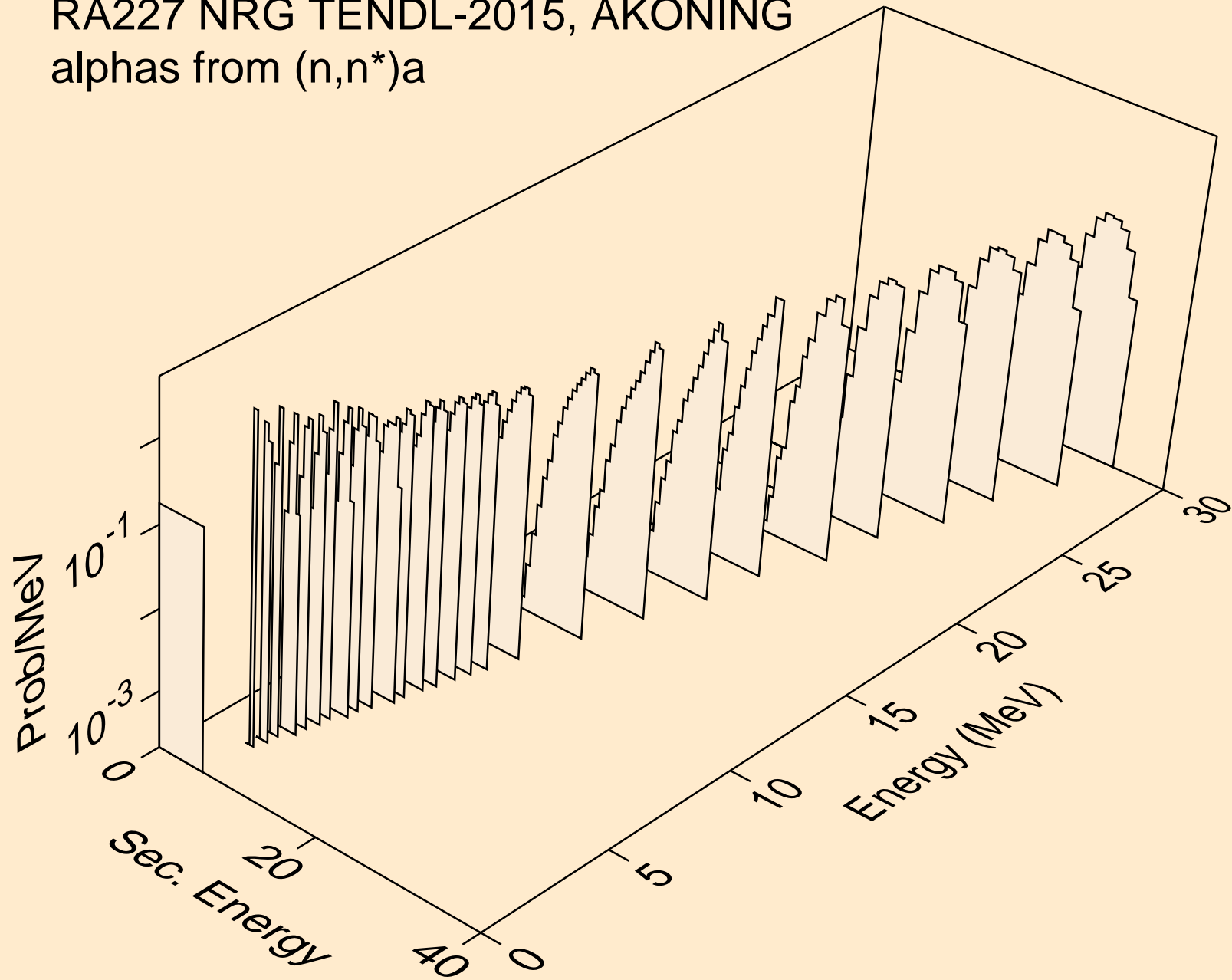




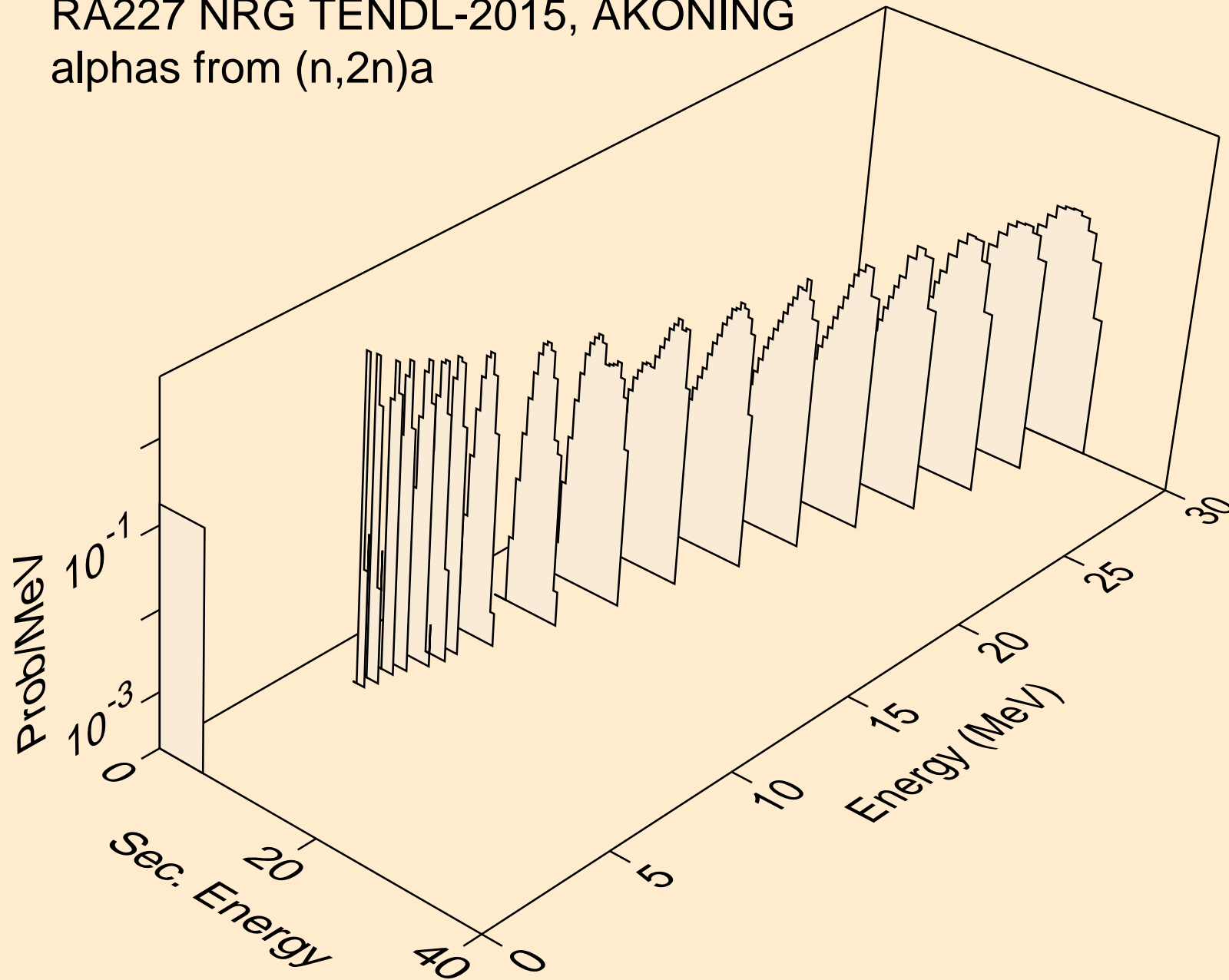
RA227 NRG TENDL-2015, AKONING  
alphas from (n,x)



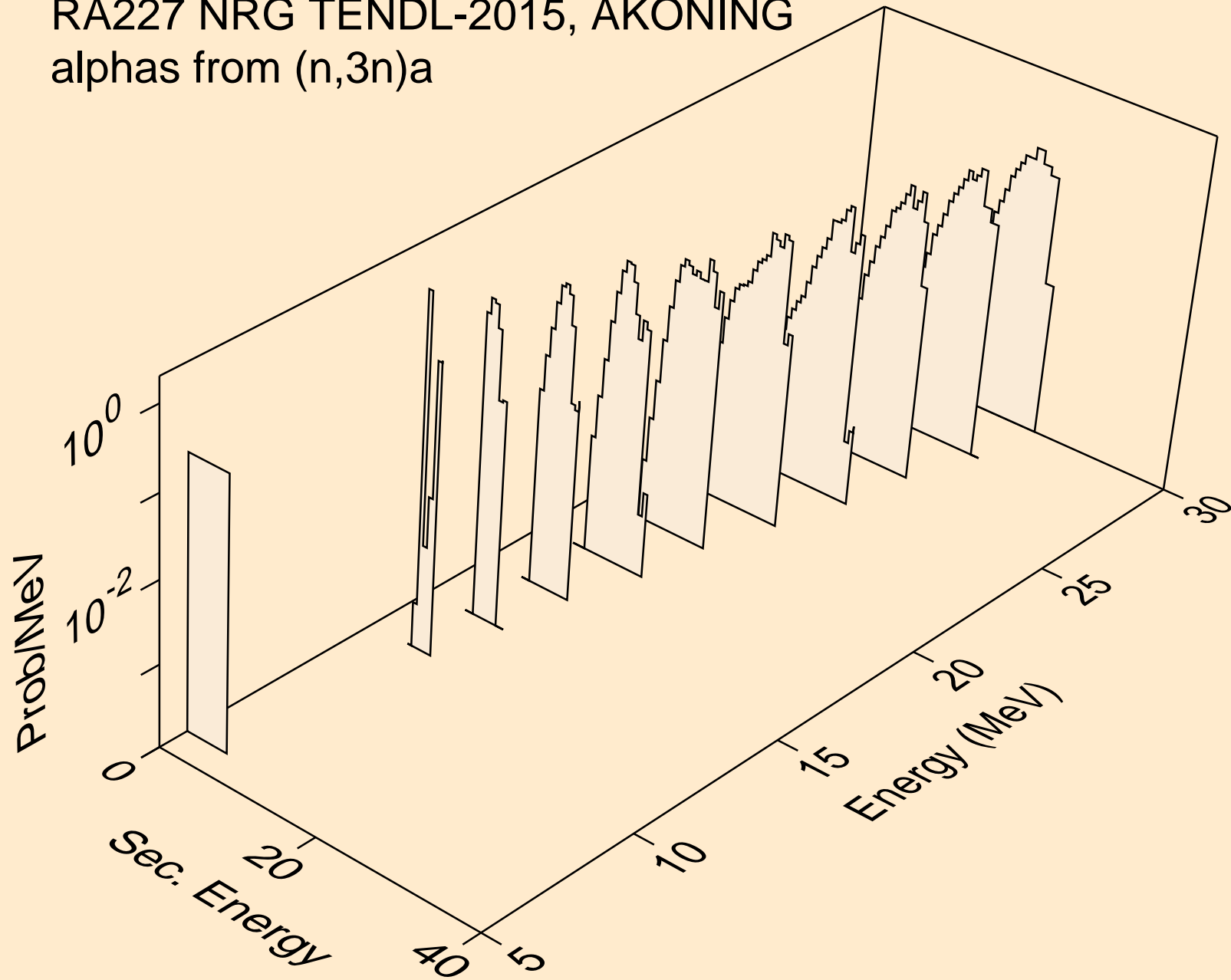
RA227 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



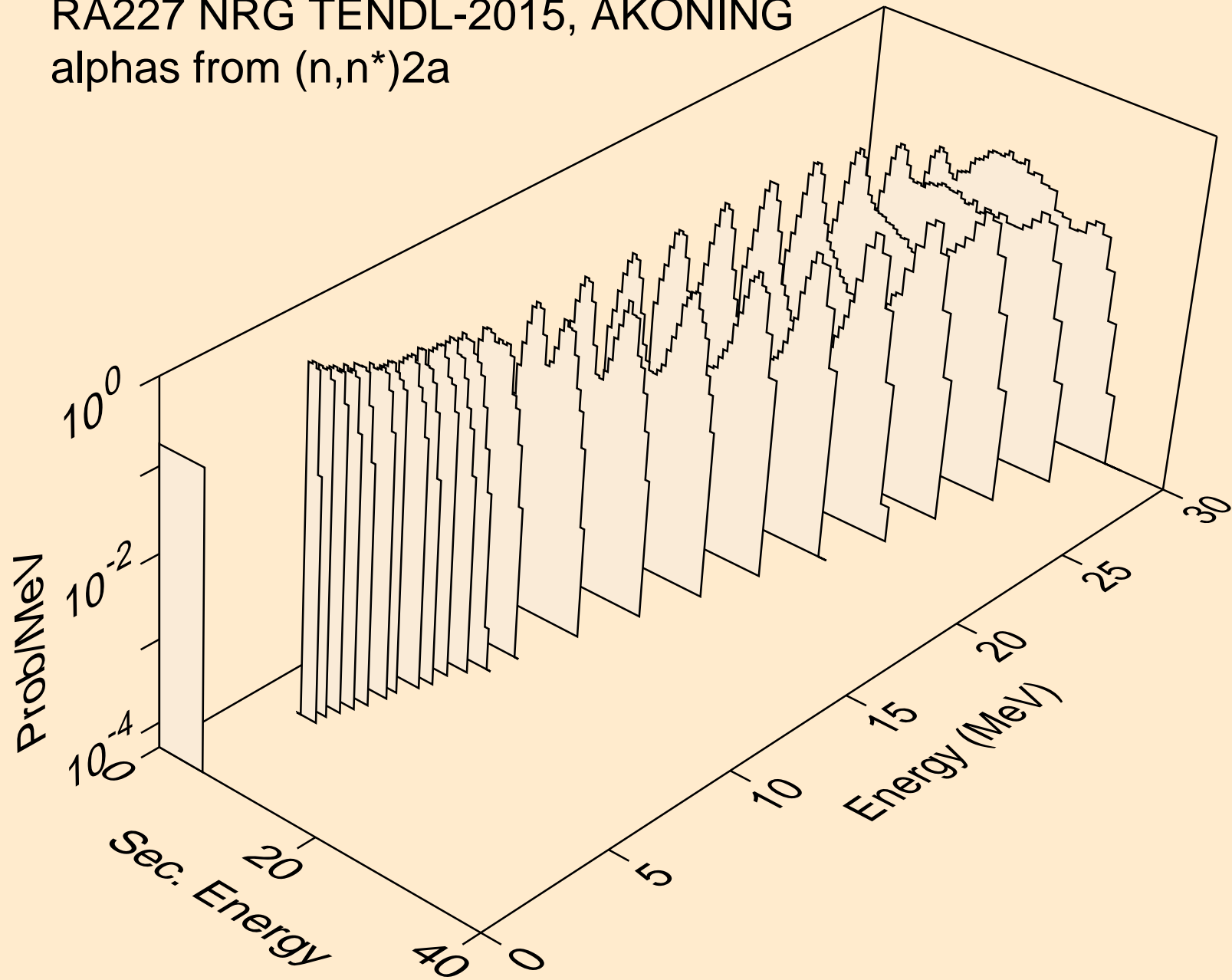
RA227 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



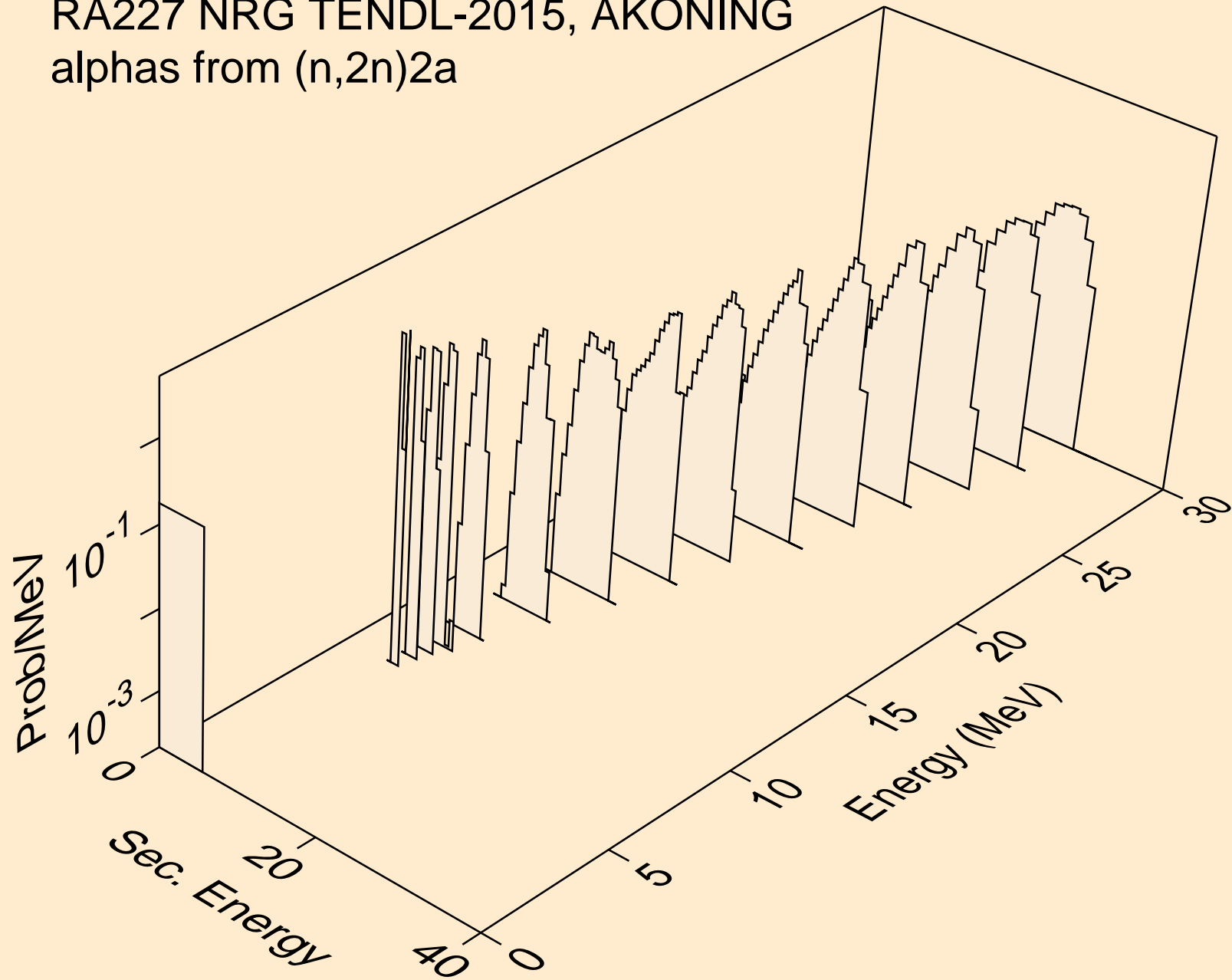
RA227 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



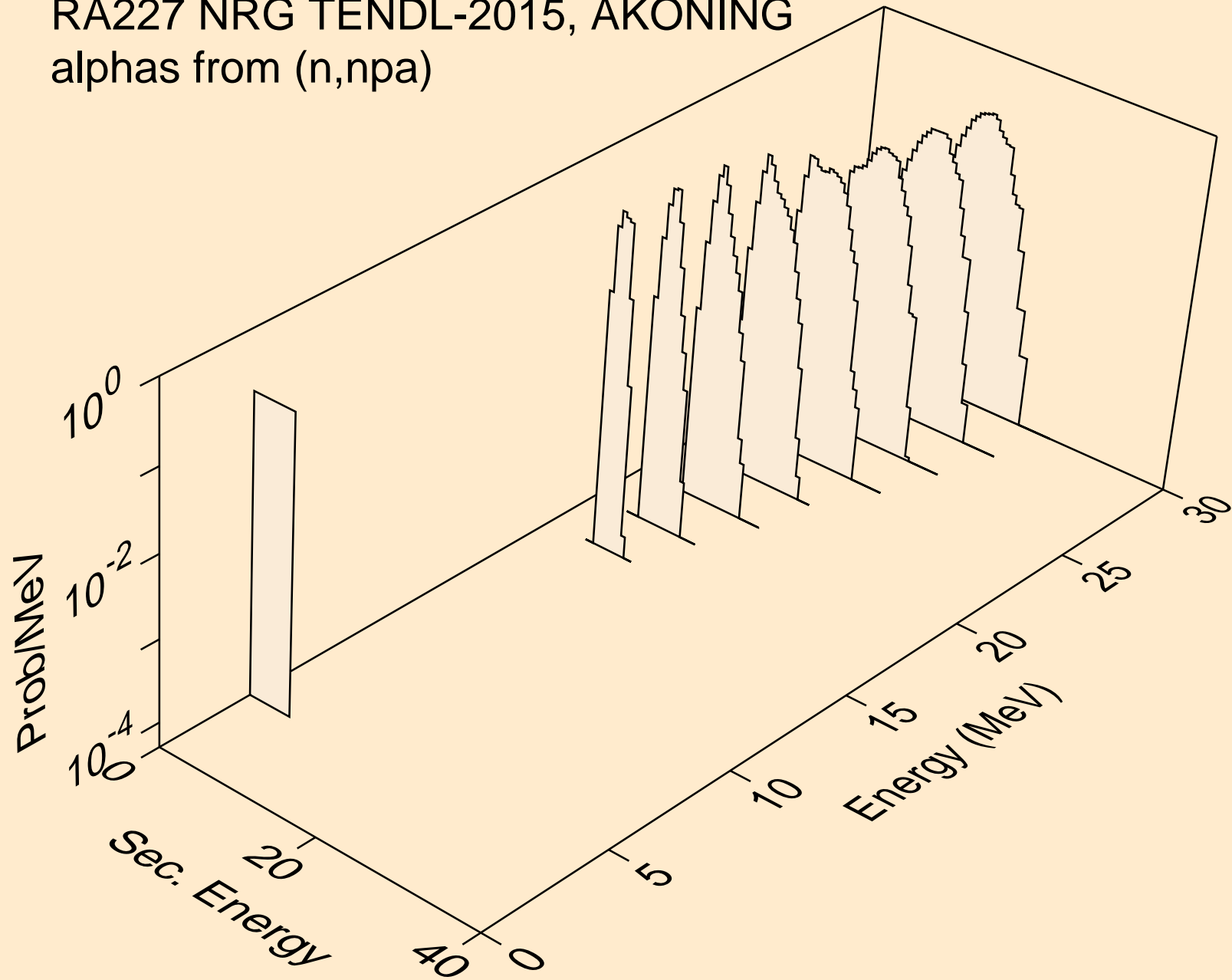
RA227 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



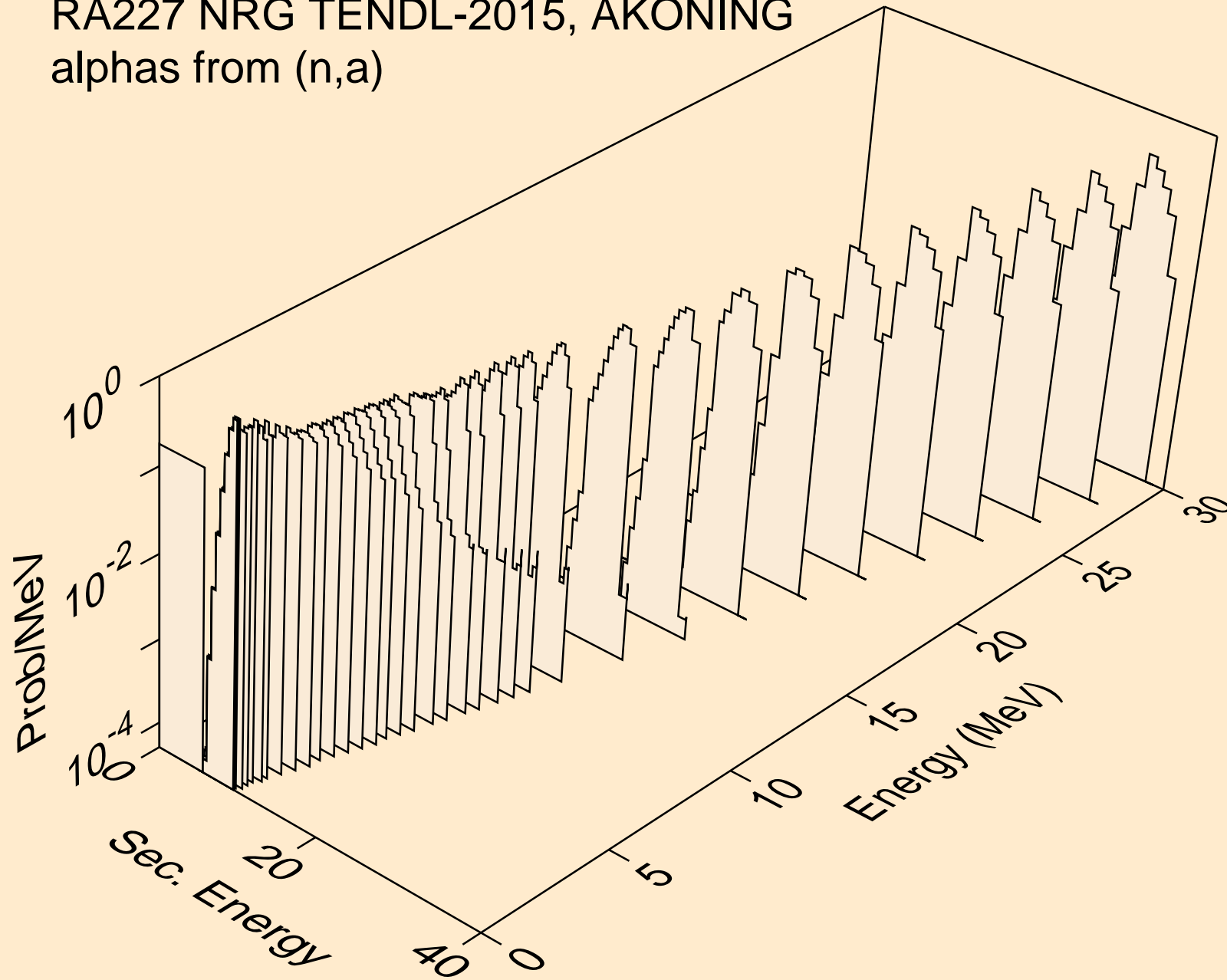
RA227 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



RA227 NRG TENDL-2015, AKONING  
alphas from (n,npa)



RA227 NRG TENDL-2015, AKONING  
alphas from (n,a)





RA227 NRG TENDL-2015, AKONING  
alphas from (n,2a)

