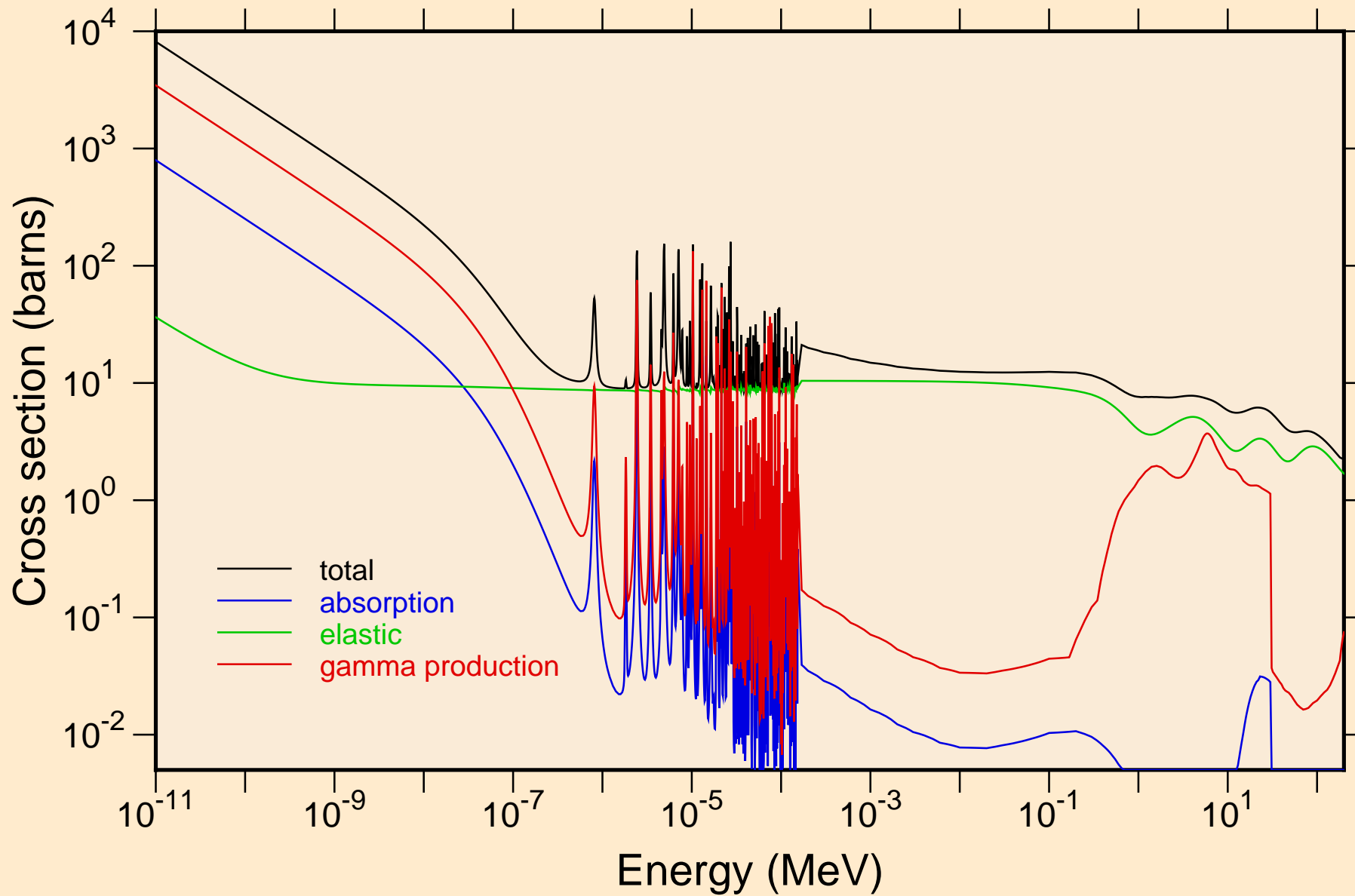
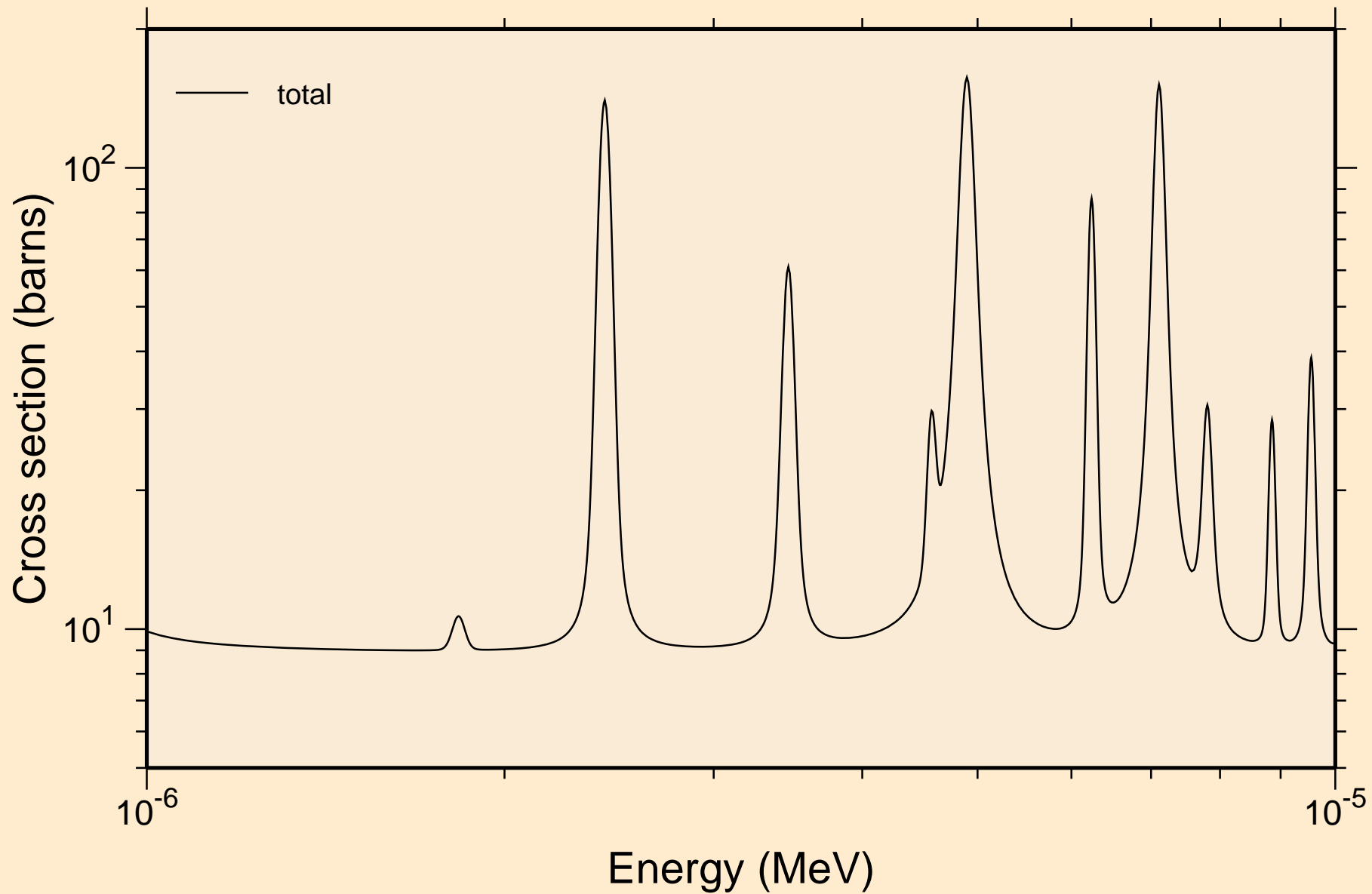


# CM239 NRG TENDL-2015, AKONING

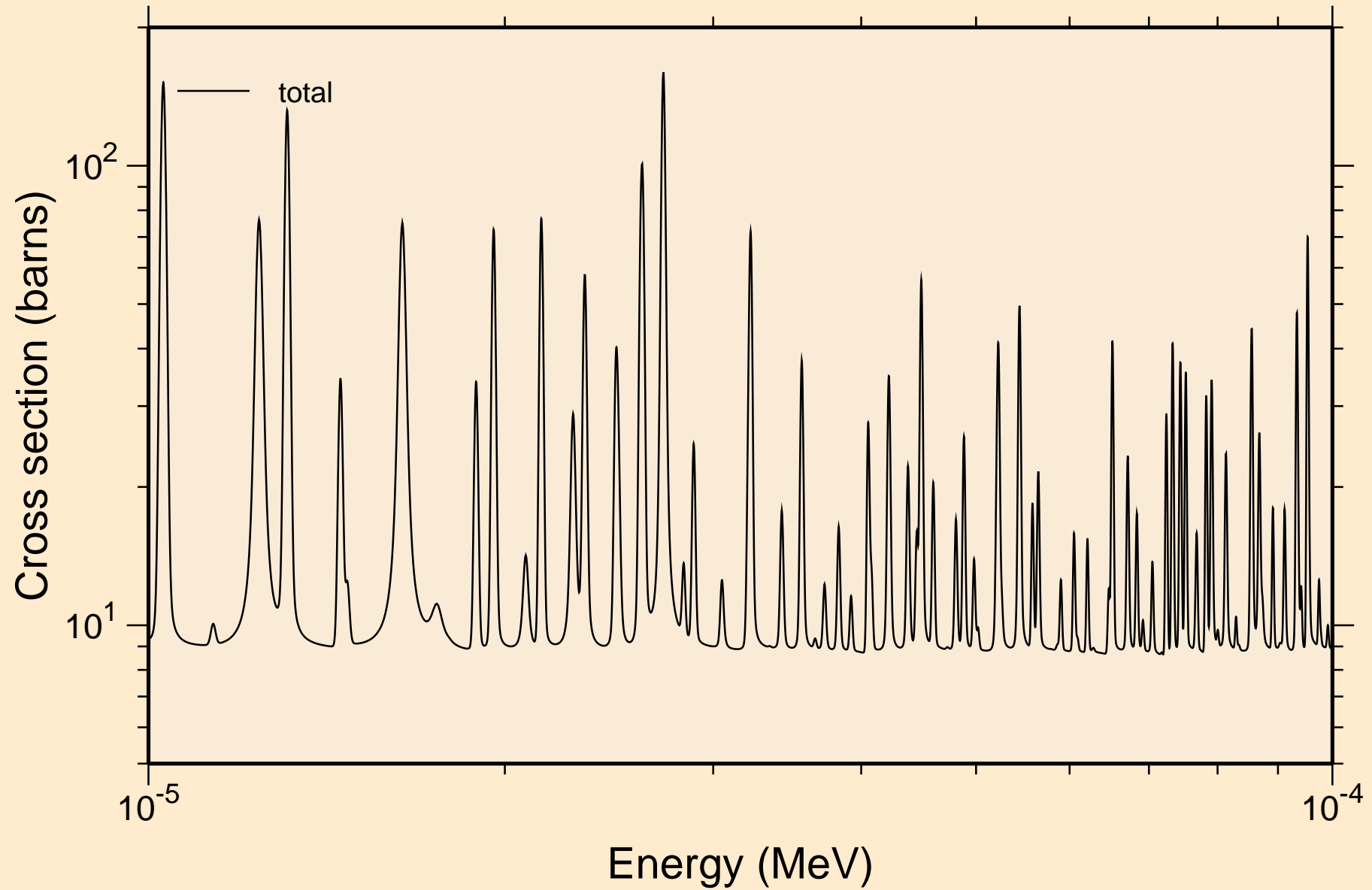
## Principal cross sections



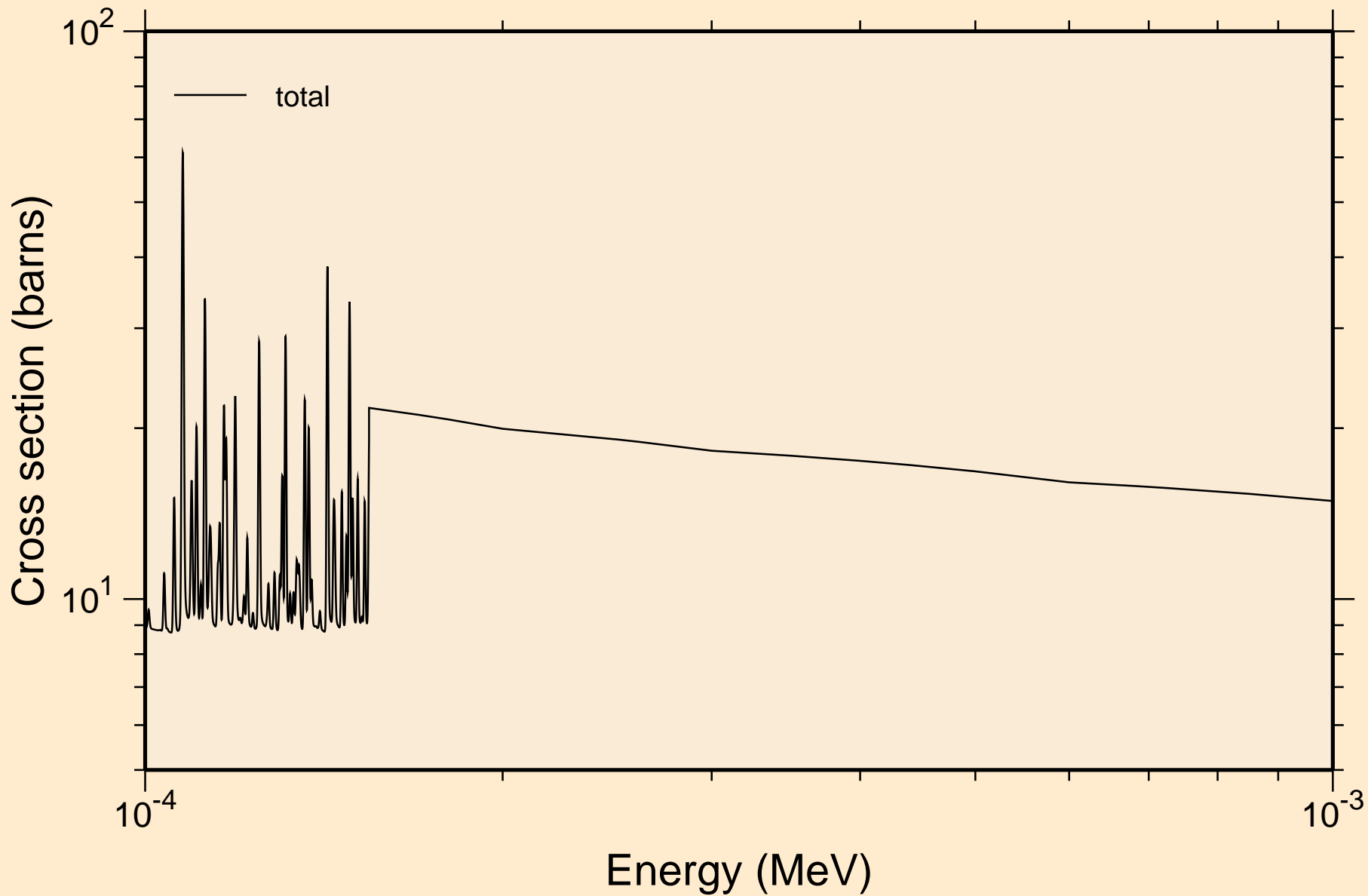
CM239 NRG TENDL-2015, AKONING  
resonance total cross section



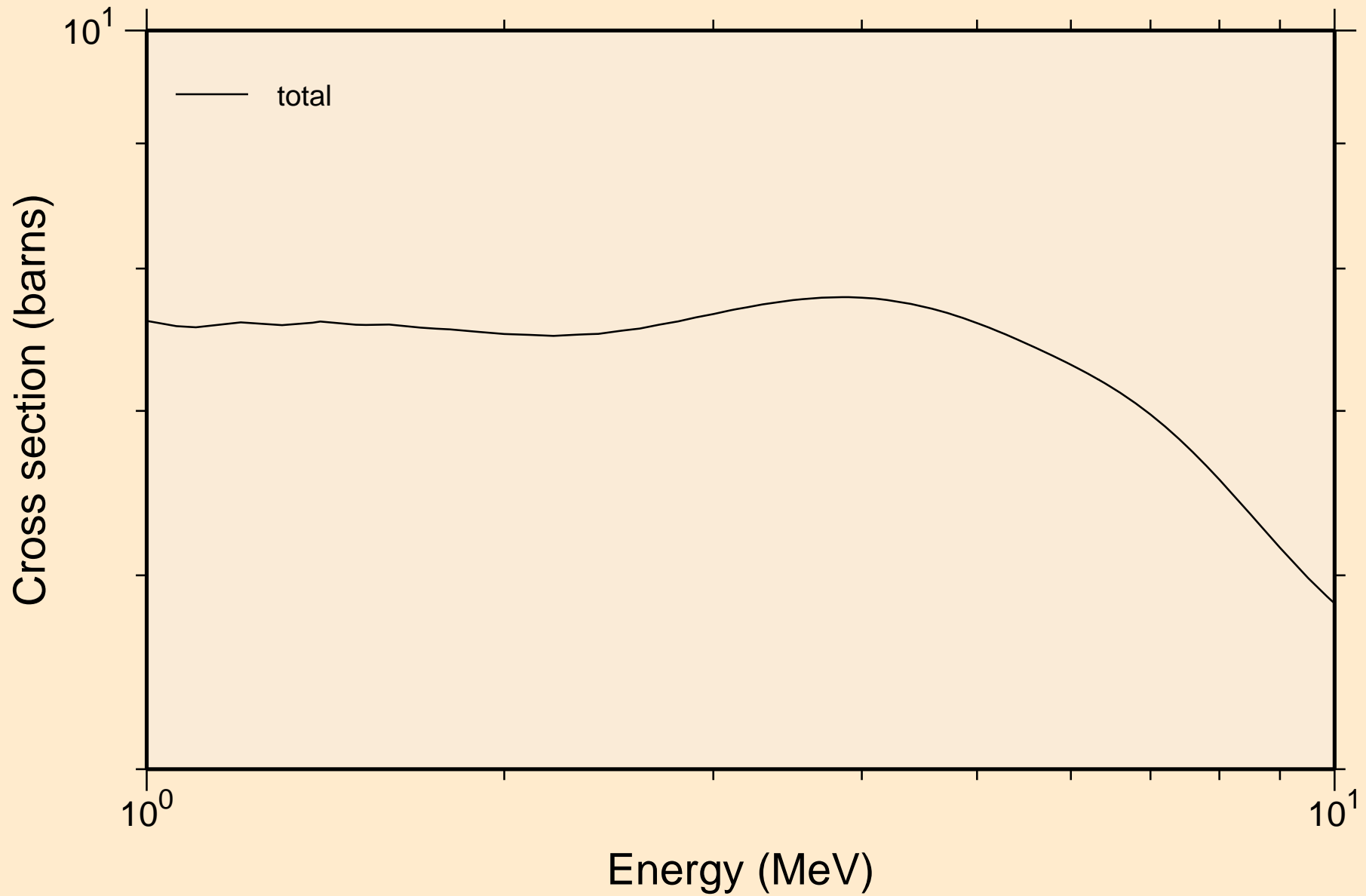
CM239 NRG TENDL-2015, AKONING  
resonance total cross section



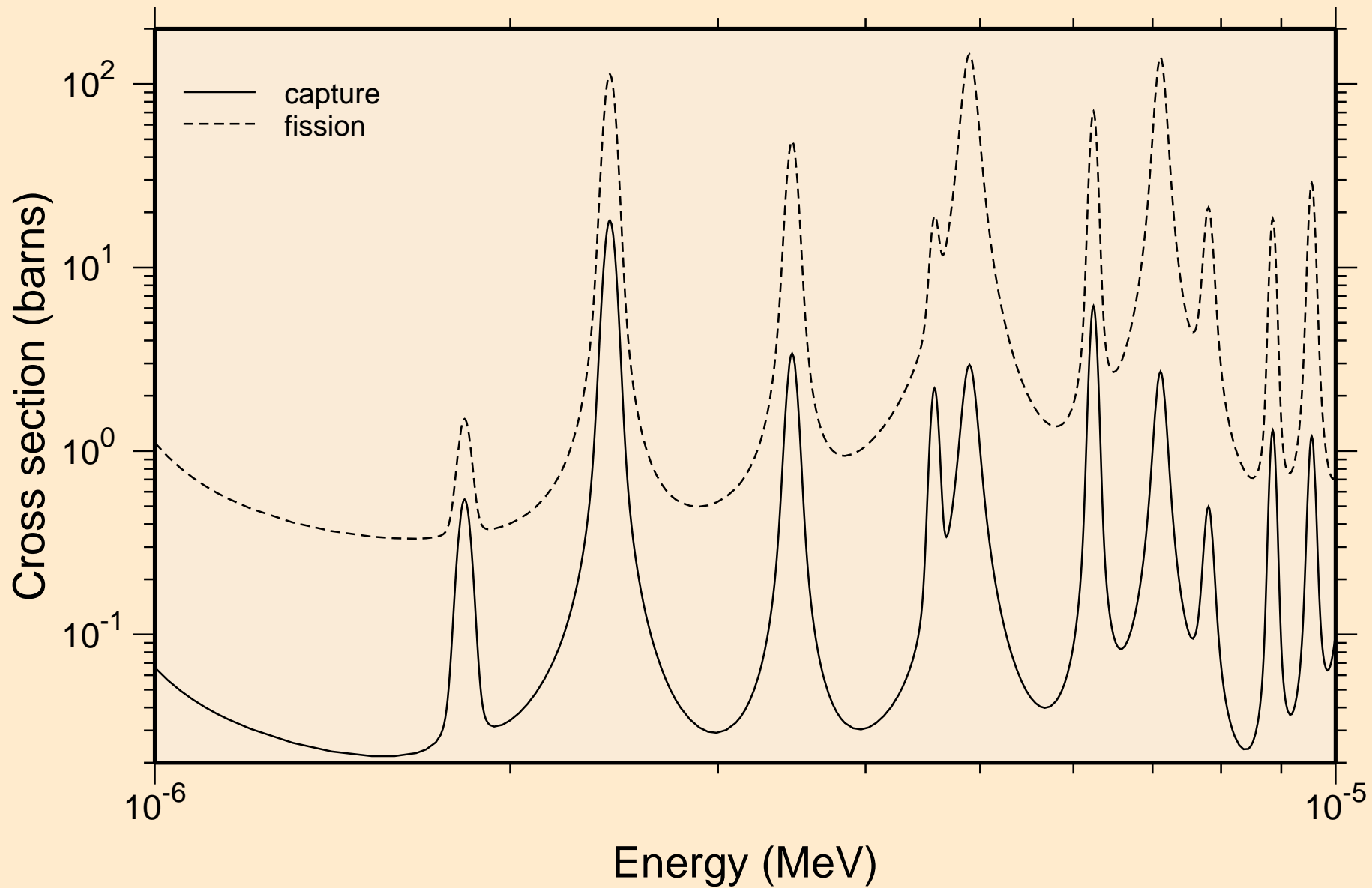
CM239 NRG TENDL-2015, AKONING  
resonance total cross section



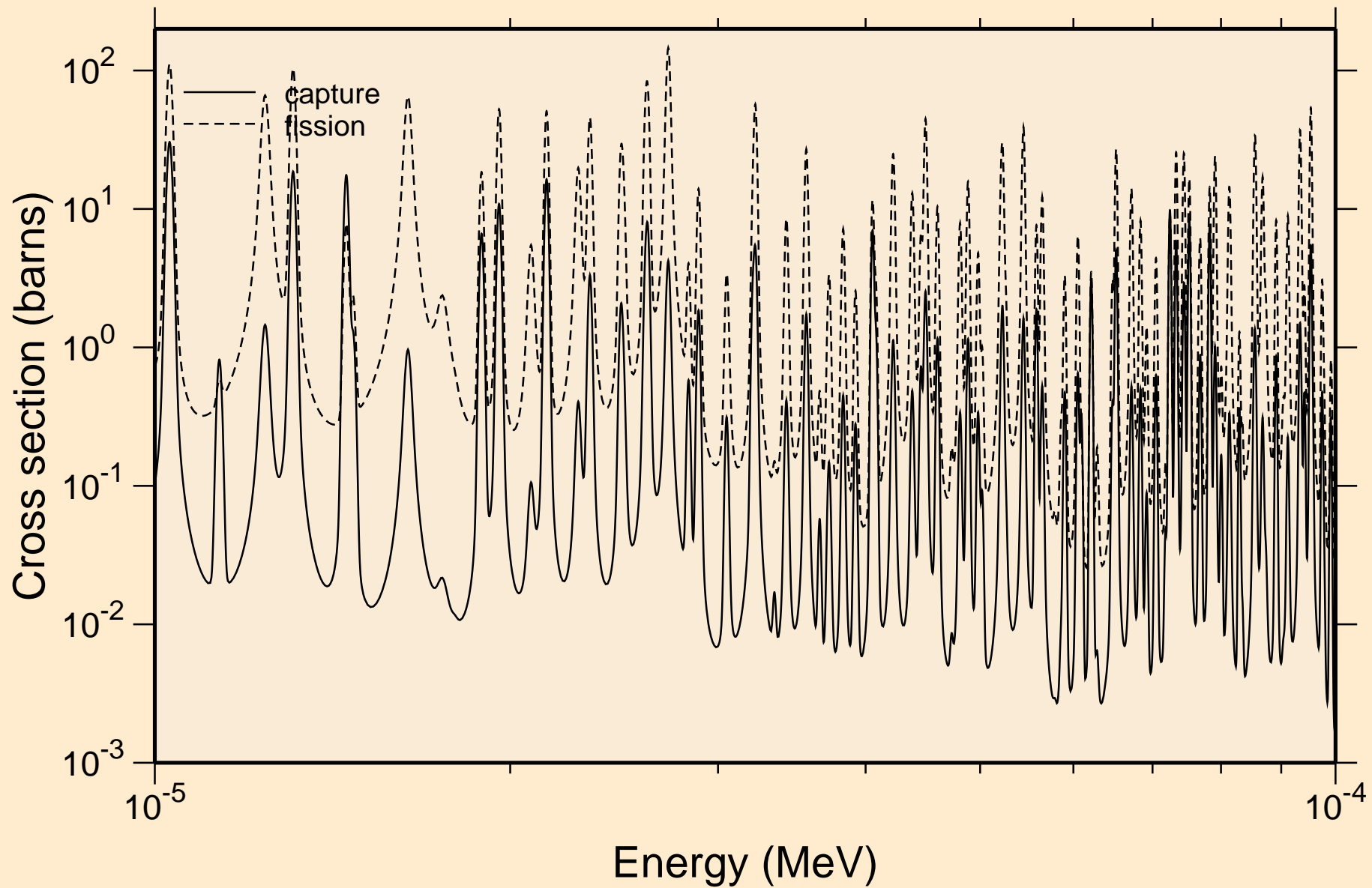
CM239 NRG TENDL-2015, AKONING  
resonance total cross section



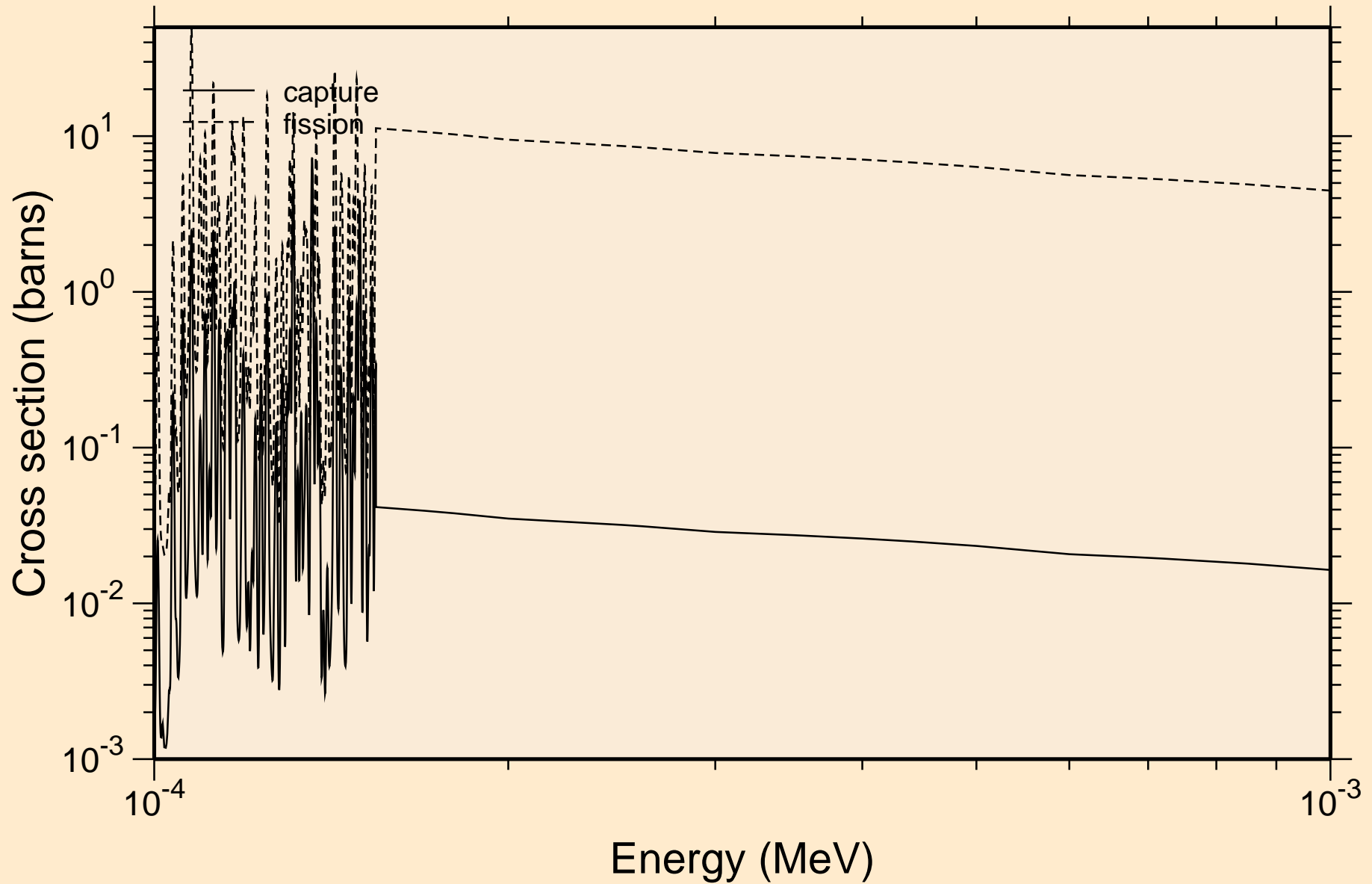
# CM239 NRG TENDL-2015, AKONING resonance absorption cross sections



# CM239 NRG TENDL-2015, AKONING resonance absorption cross sections

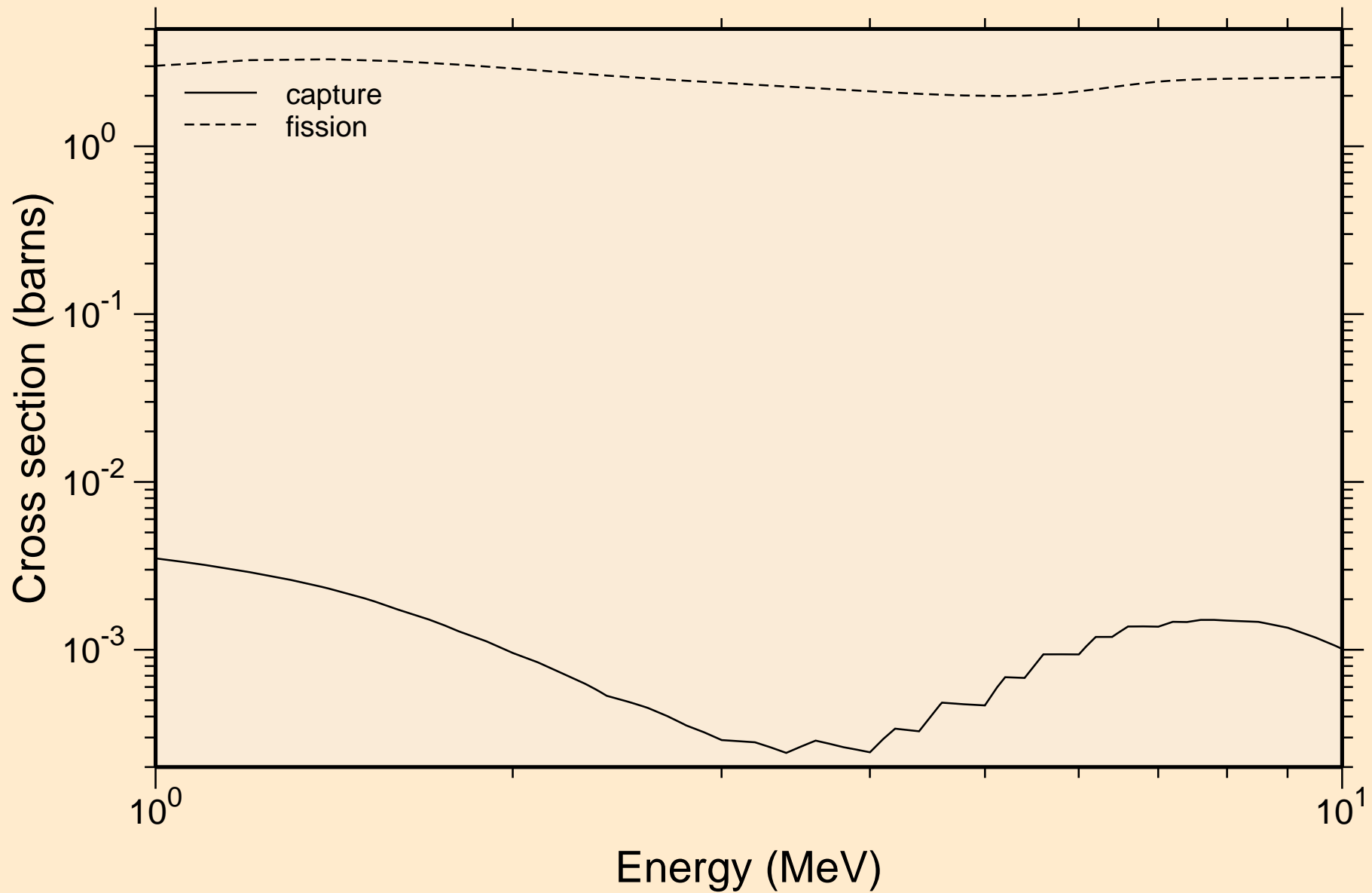


CM239 NRG TENDL-2015, AKONING  
resonance absorption cross sections



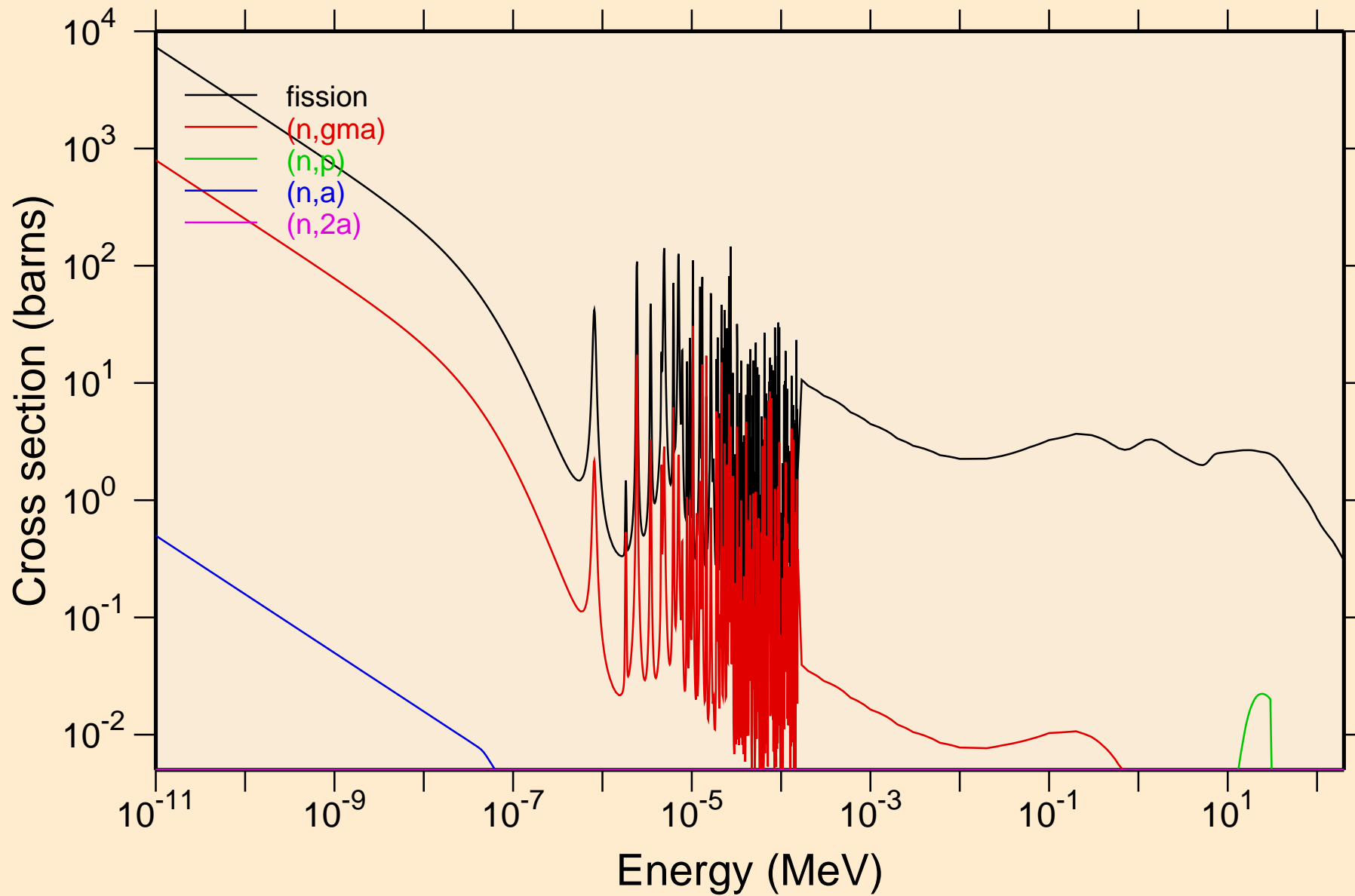


# CM239 NRG TENDL-2015, AKONING resonance absorption cross sections



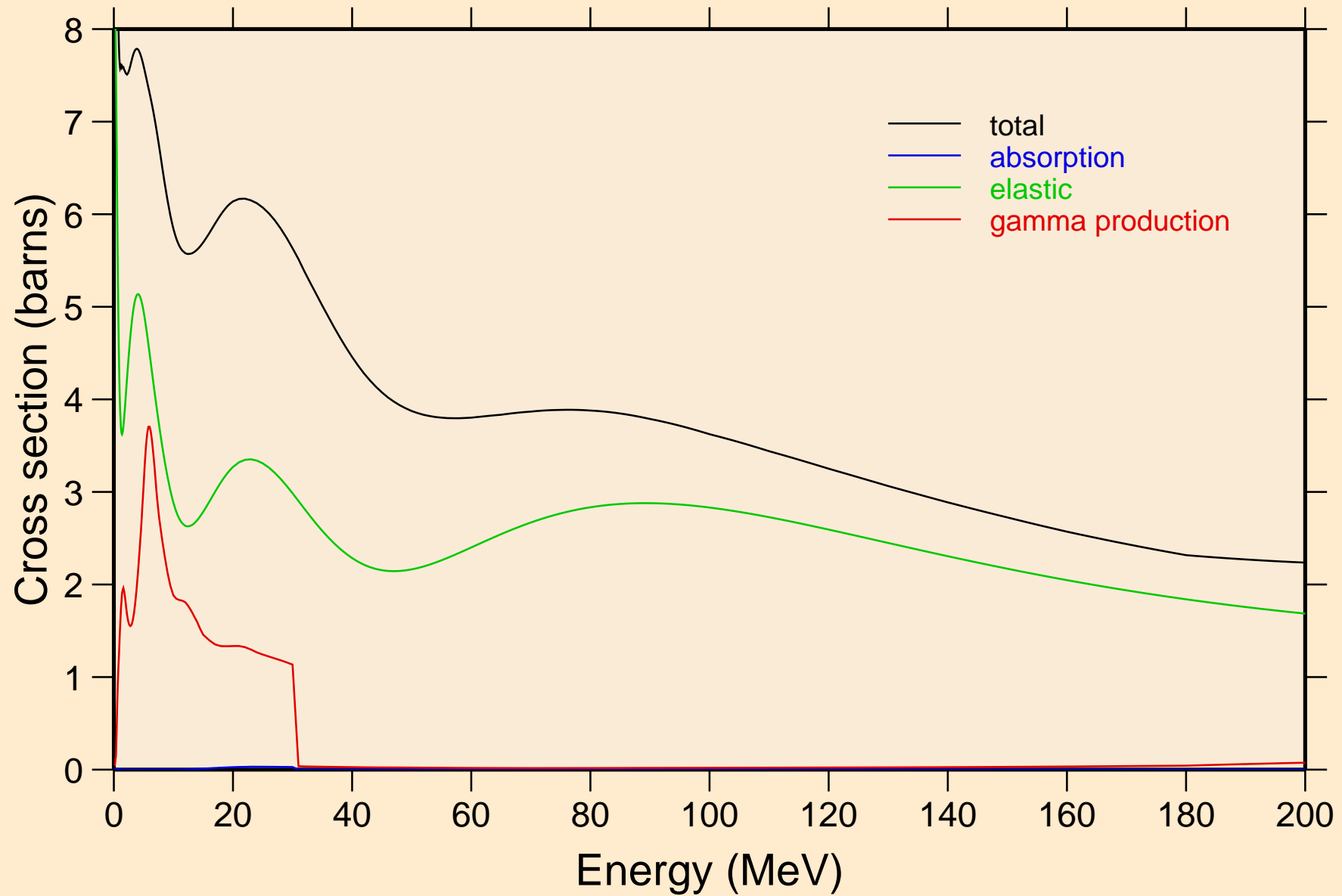
# CM239 NRG TENDL-2015, AKONING

## Non-threshold reactions



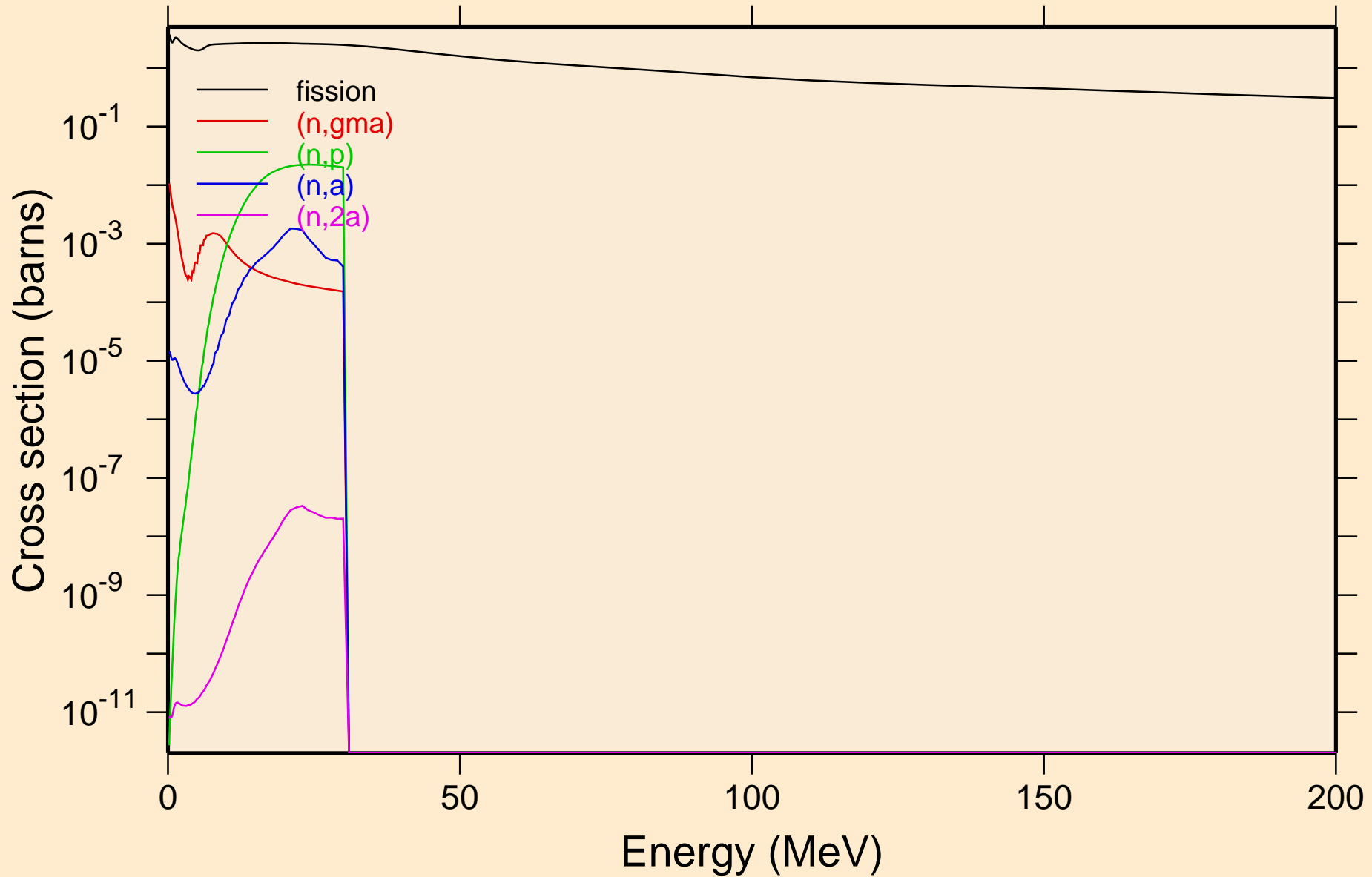
# CM239 NRG TENDL-2015, AKONING

## Principal cross sections



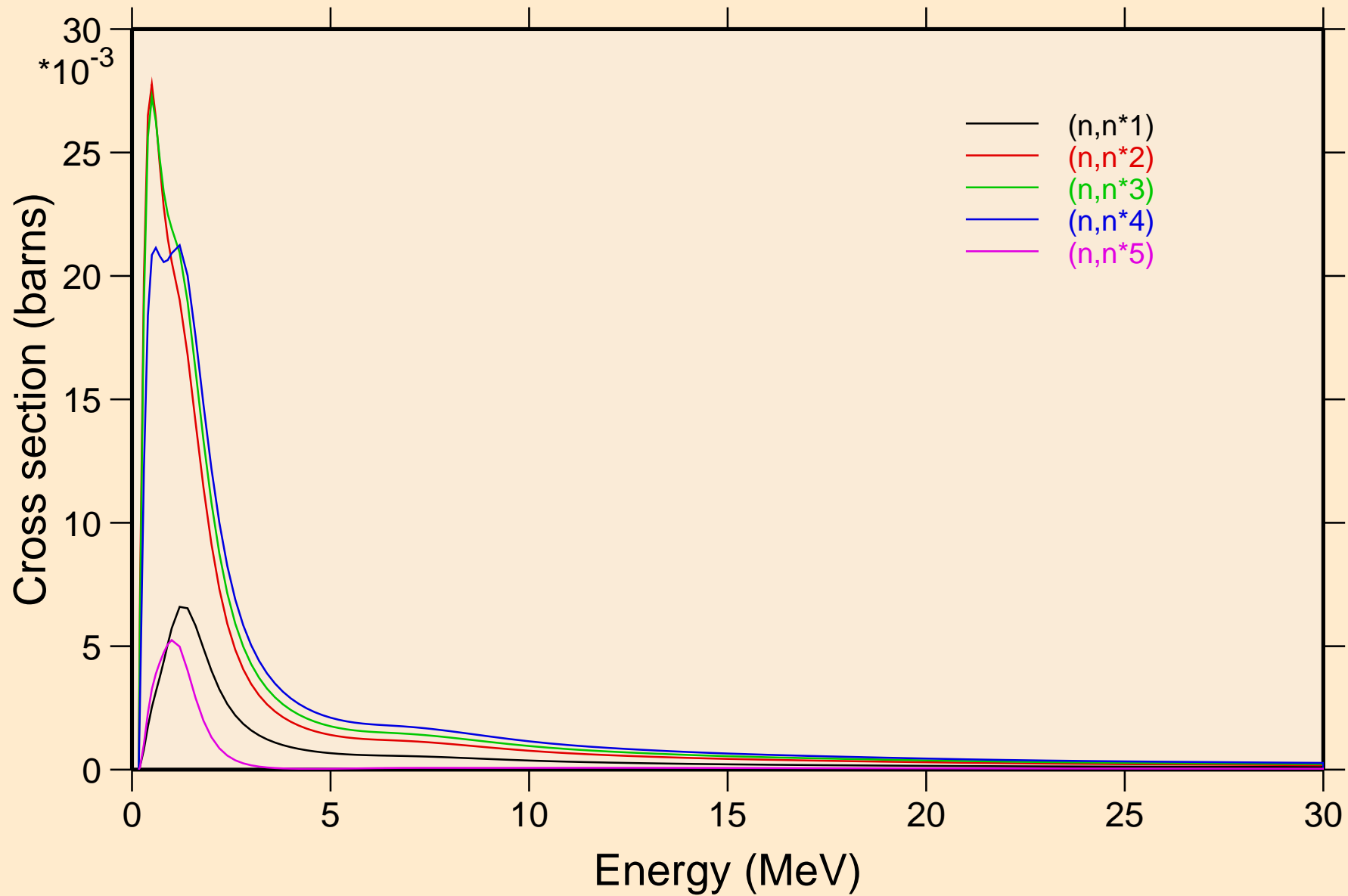
# CM239 NRG TENDL-2015, AKONING

## Non-threshold reactions



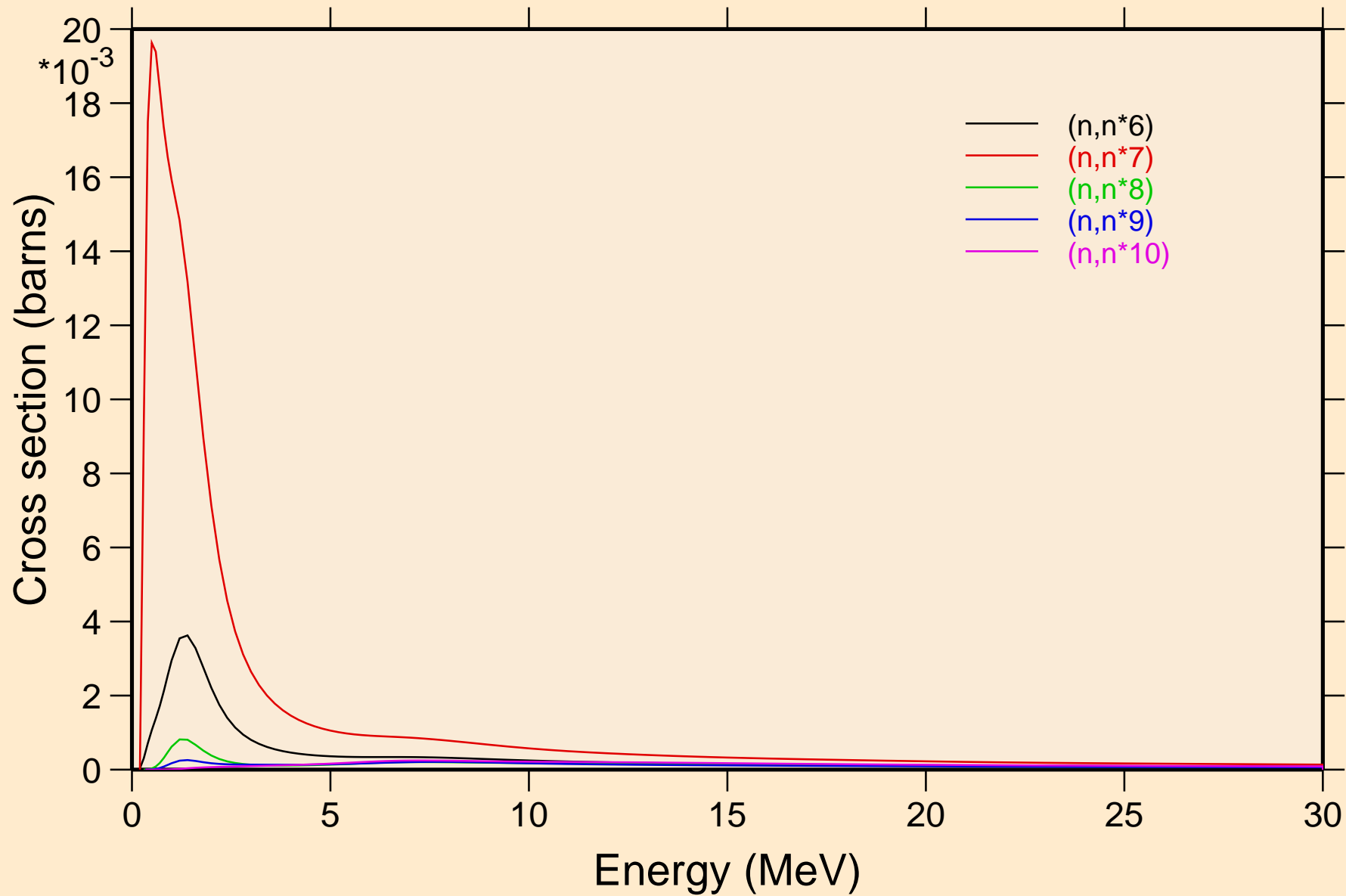
# CM239 NRG TENDL-2015, AKONING

## Inelastic levels



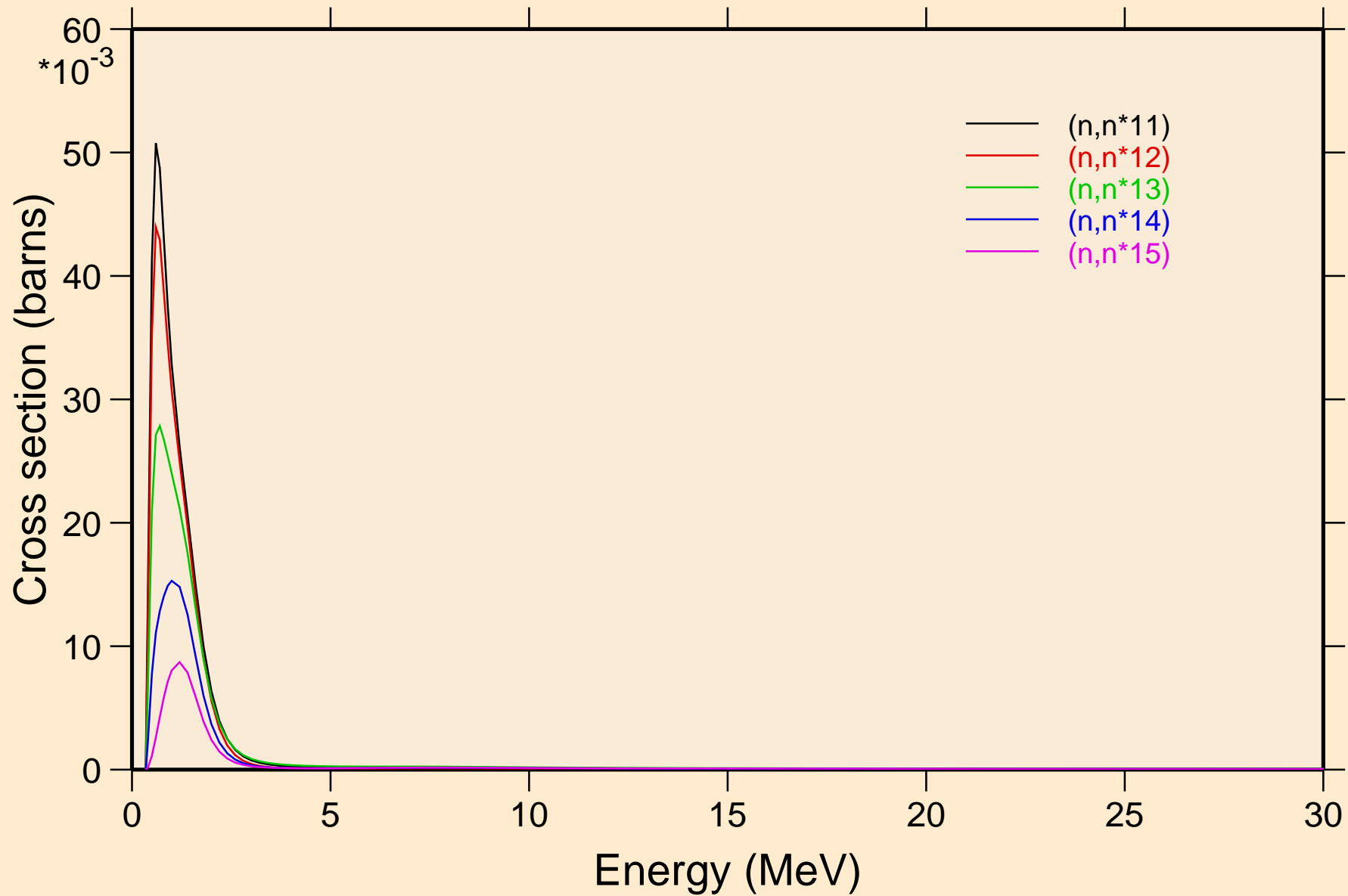
# CM239 NRG TENDL-2015, AKONING

## Inelastic levels



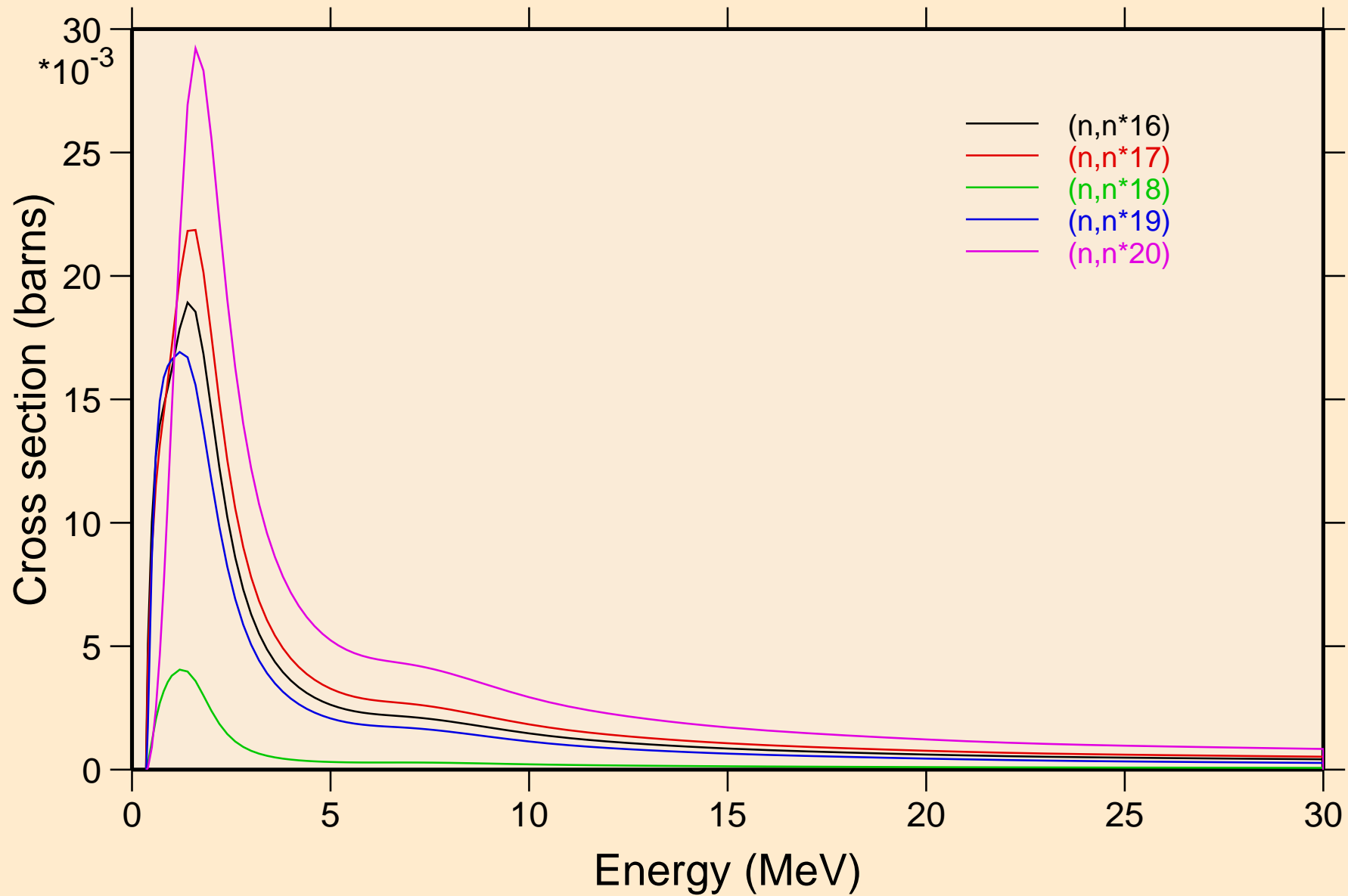
# CM239 NRG TENDL-2015, AKONING

## Inelastic levels



# CM239 NRG TENDL-2015, AKONING

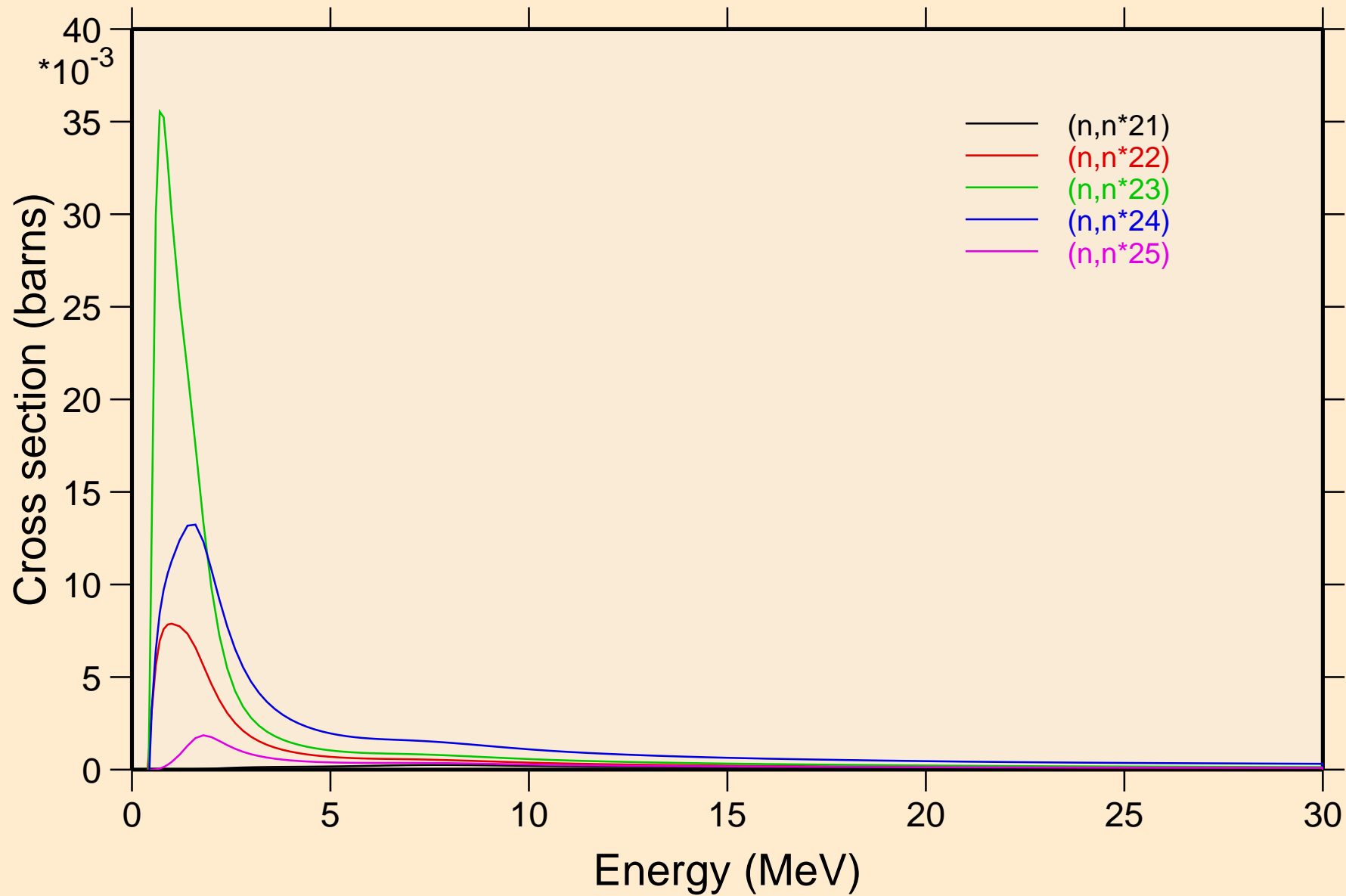
## Inelastic levels





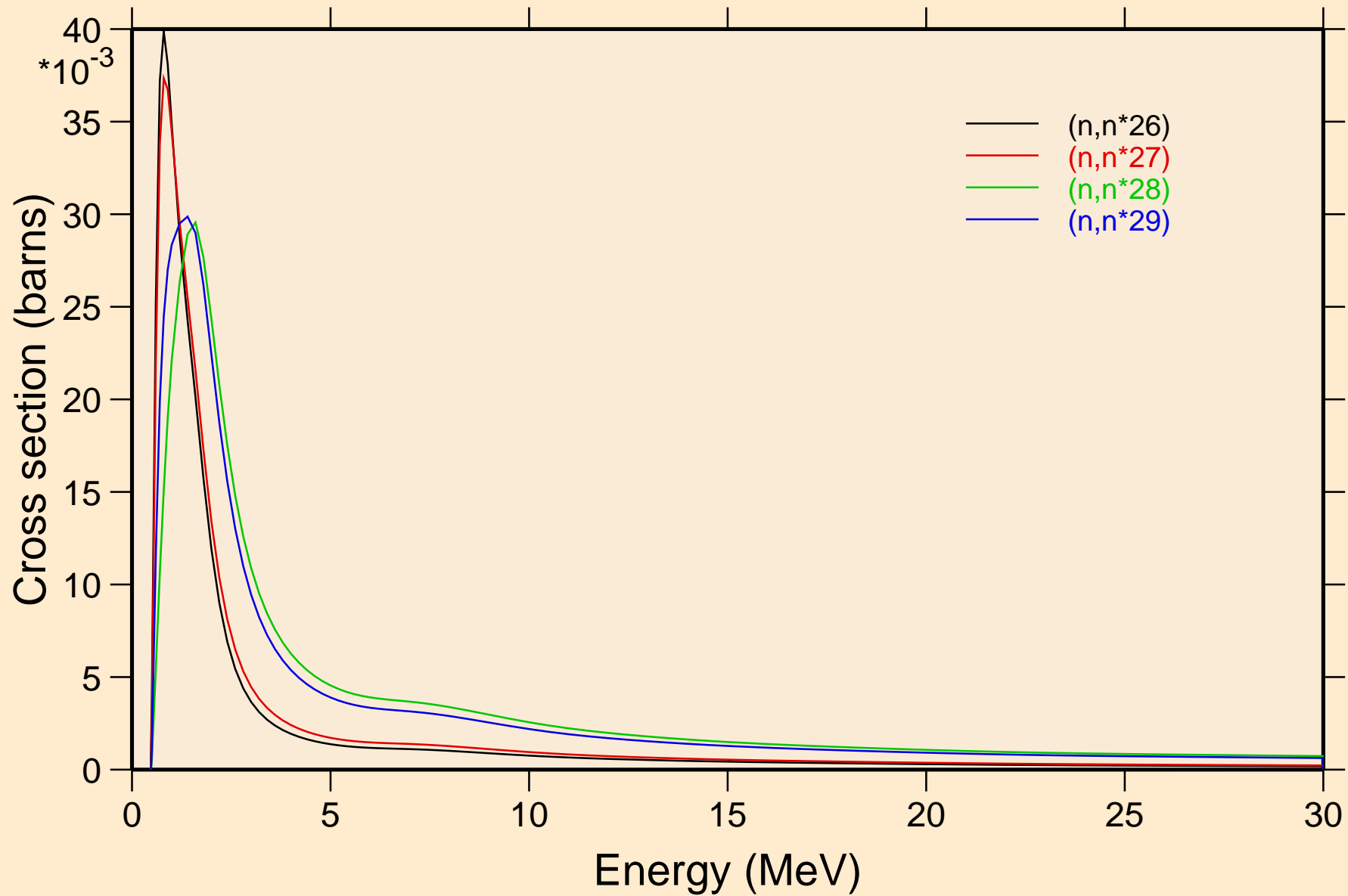
# CM239 NRG TENDL-2015, AKONING

## Inelastic levels



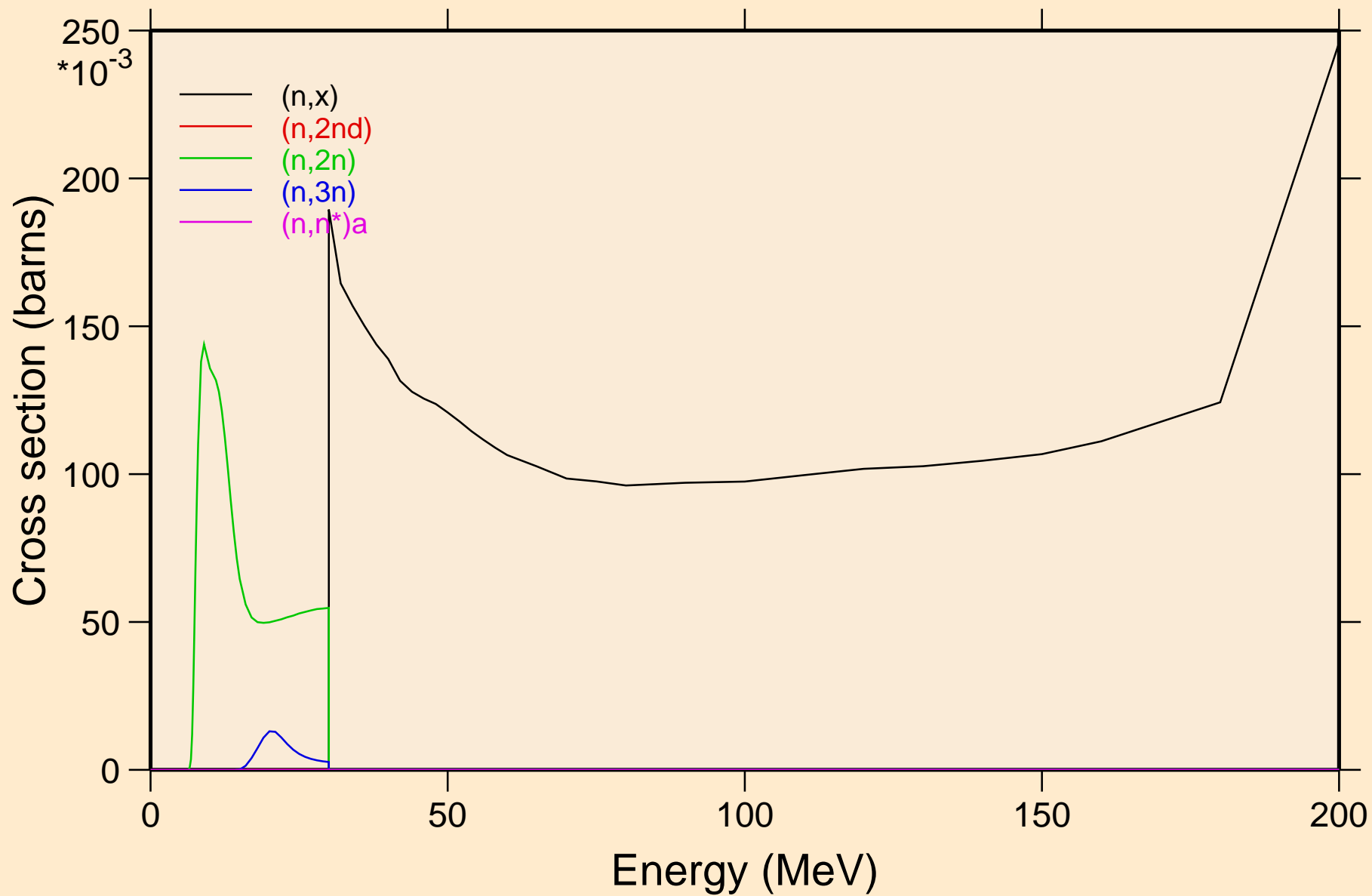
# CM239 NRG TENDL-2015, AKONING

## Inelastic levels



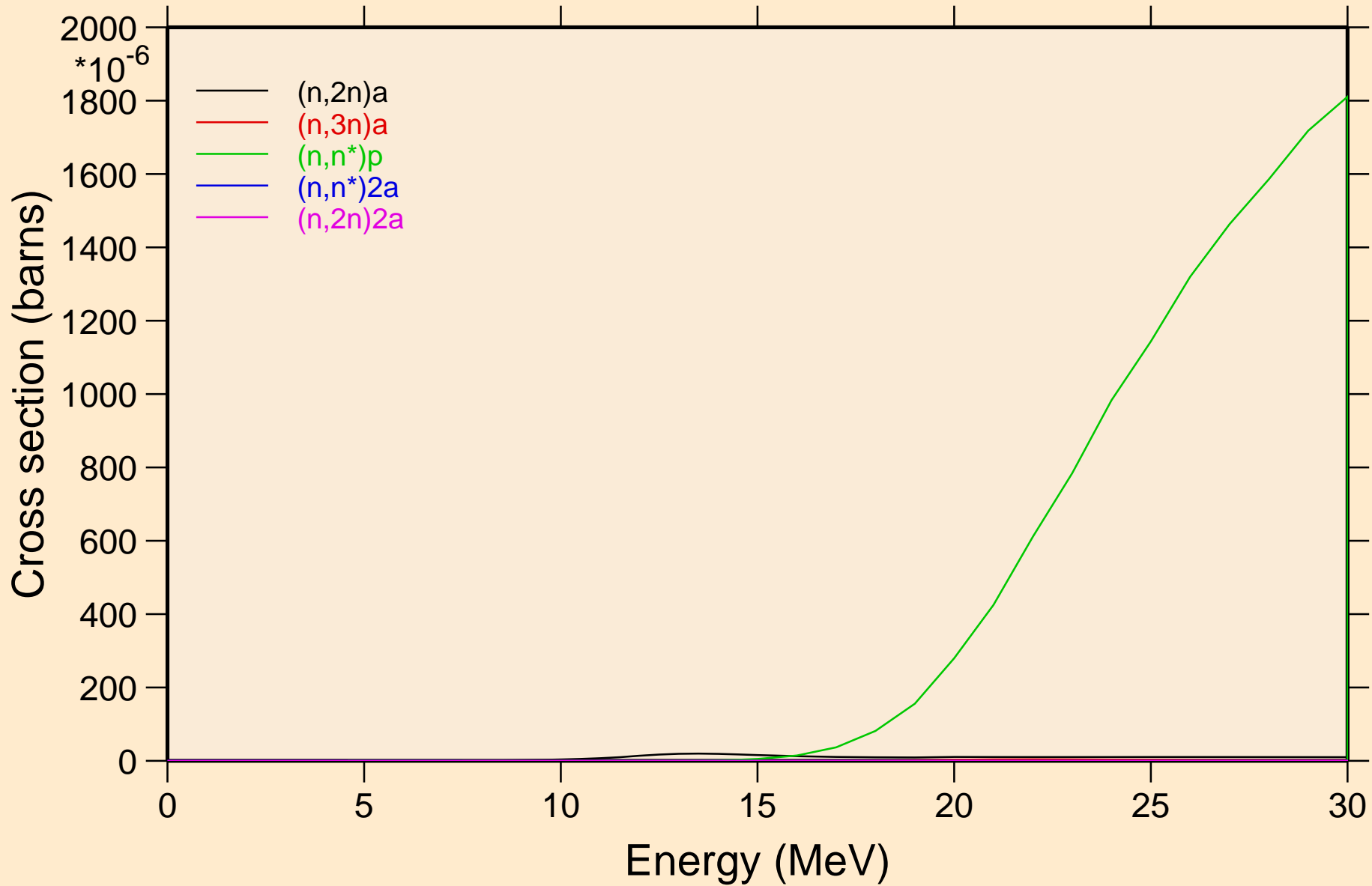
# CM239 NRG TENDL-2015, AKONING

## Threshold reactions



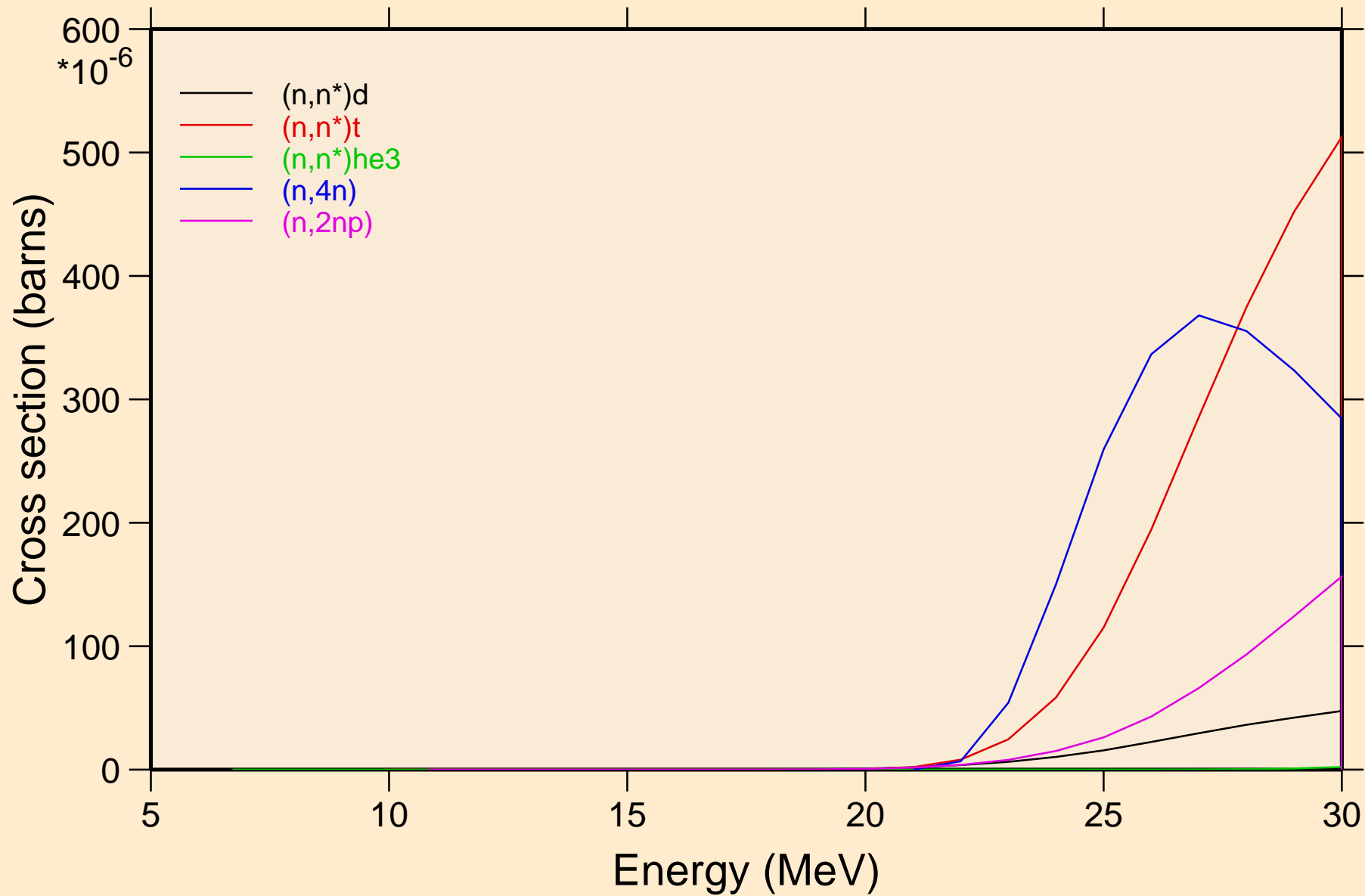
# CM239 NRG TENDL-2015, AKONING

## Threshold reactions



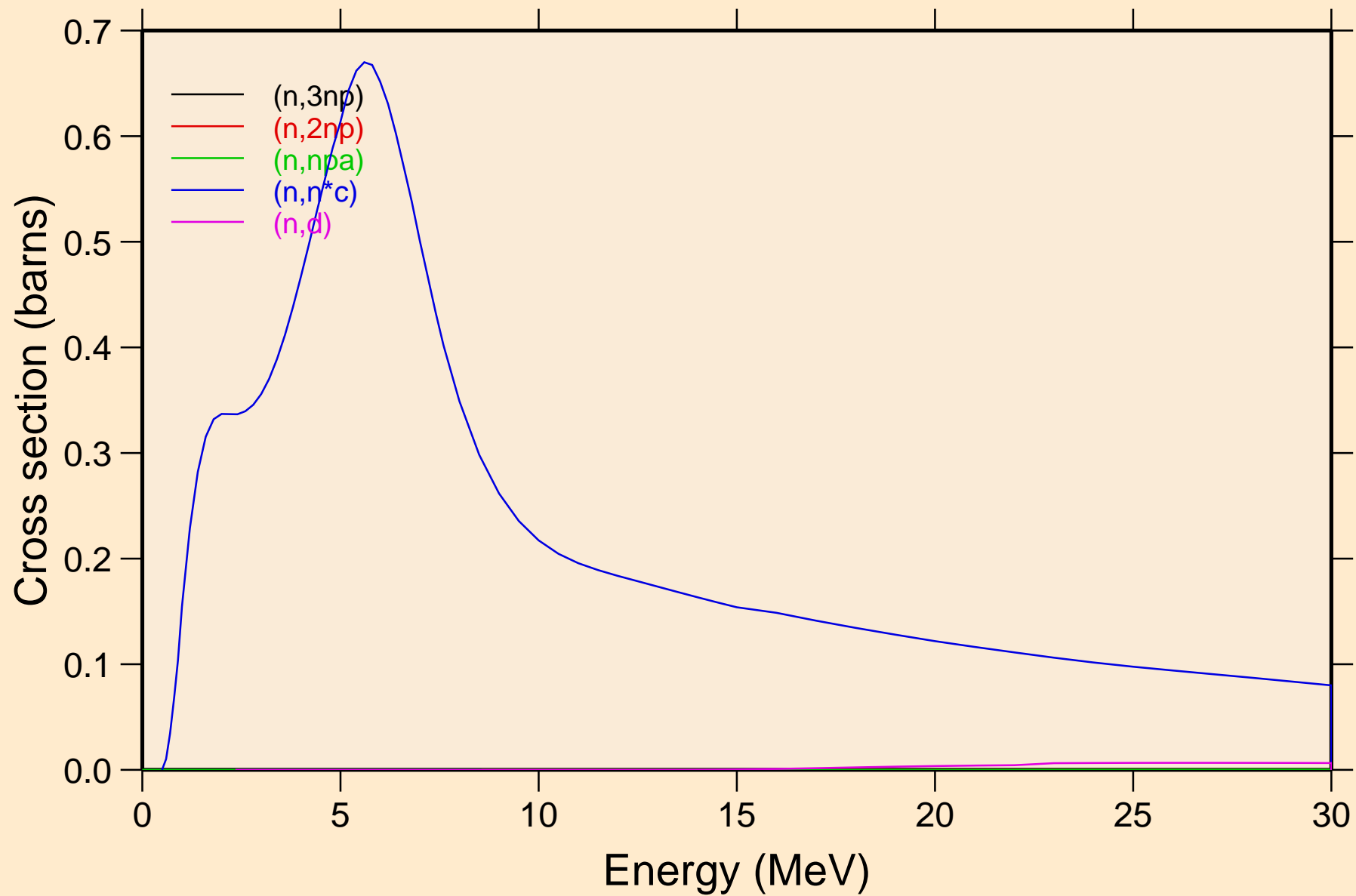
# CM239 NRG TENDL-2015, AKONING

## Threshold reactions



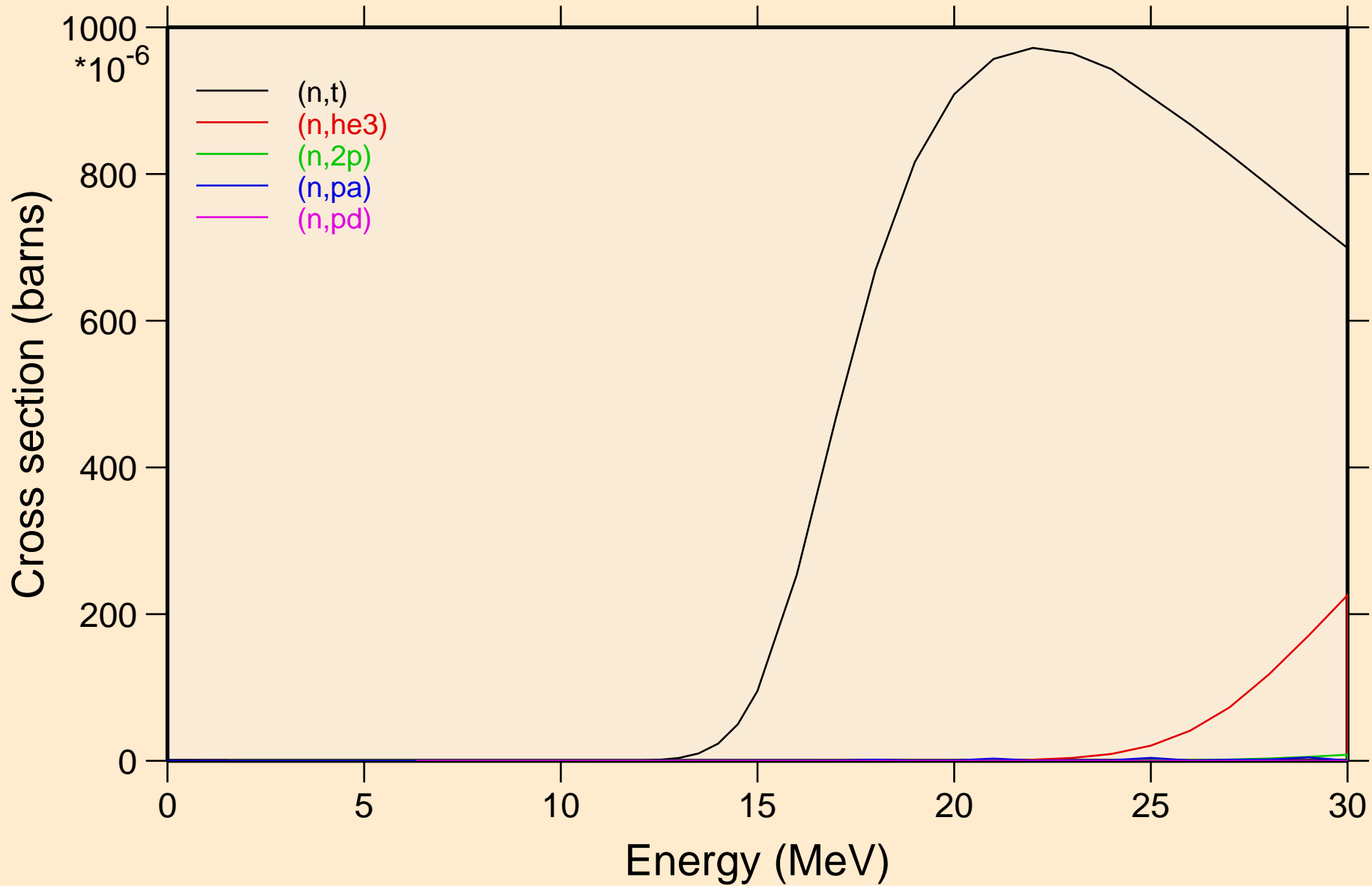
# CM239 NRG TENDL-2015, AKONING

## Threshold reactions



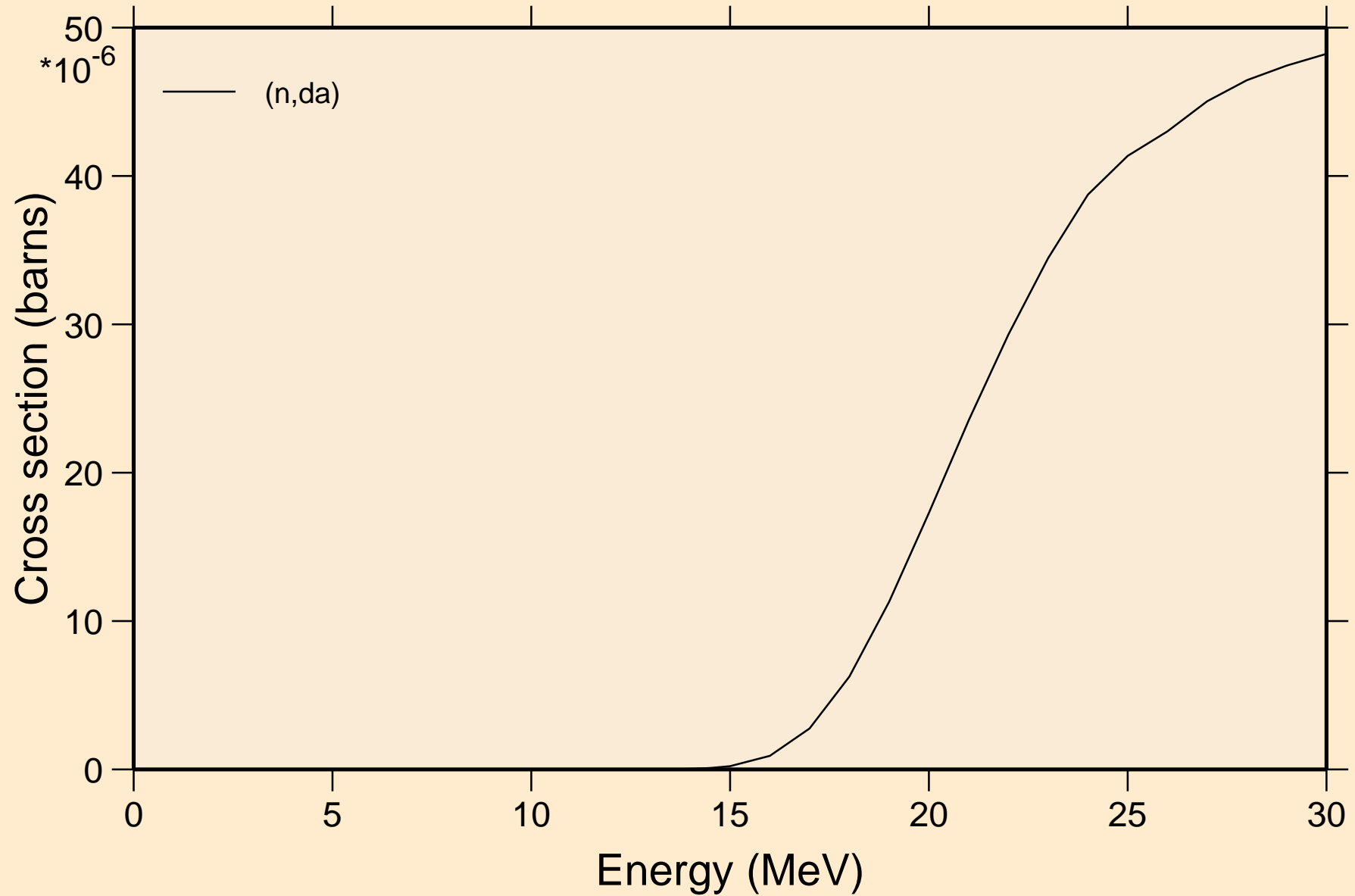
# CM239 NRG TENDL-2015, AKONING

## Threshold reactions



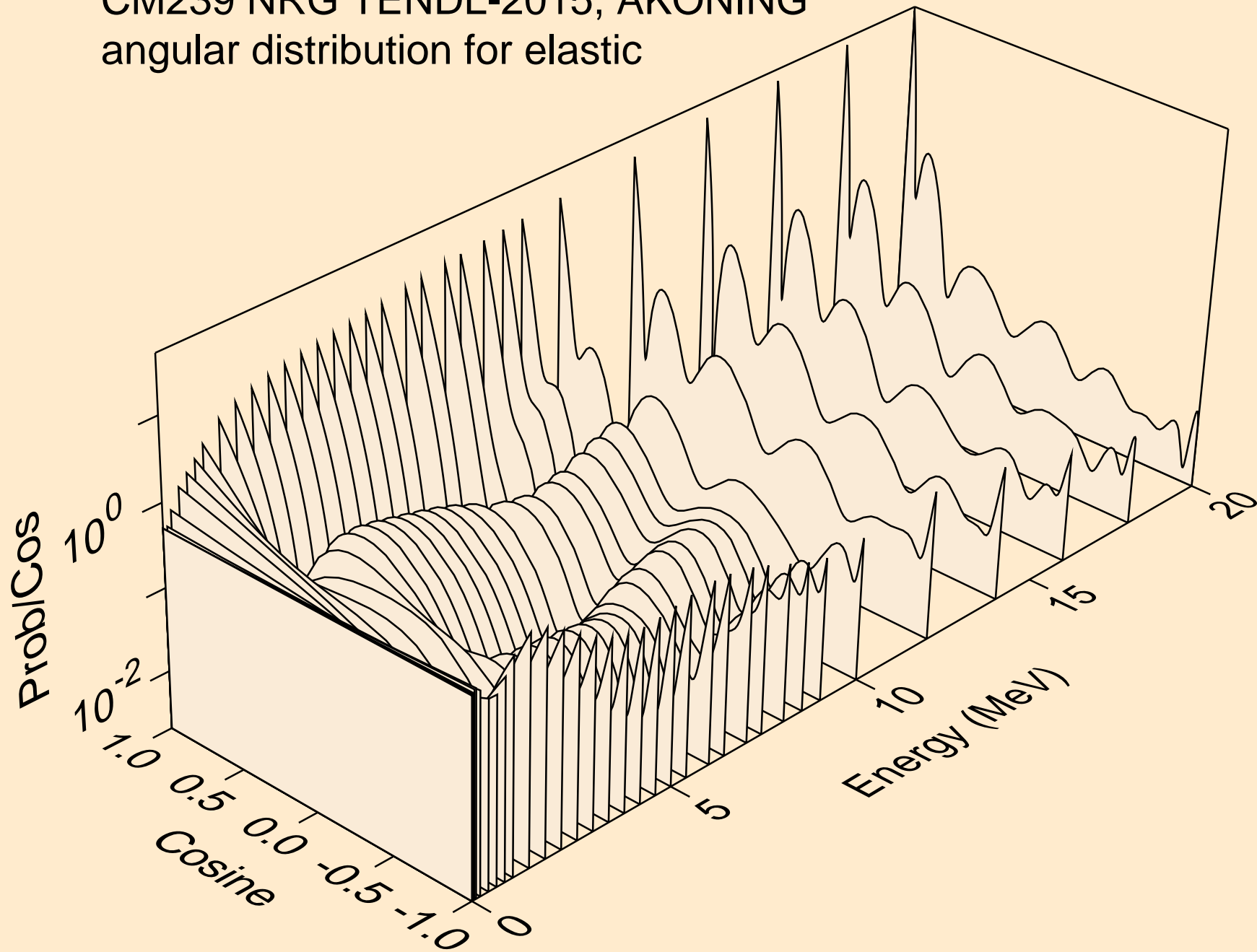
# CM239 NRG TENDL-2015, AKONING

## Threshold reactions

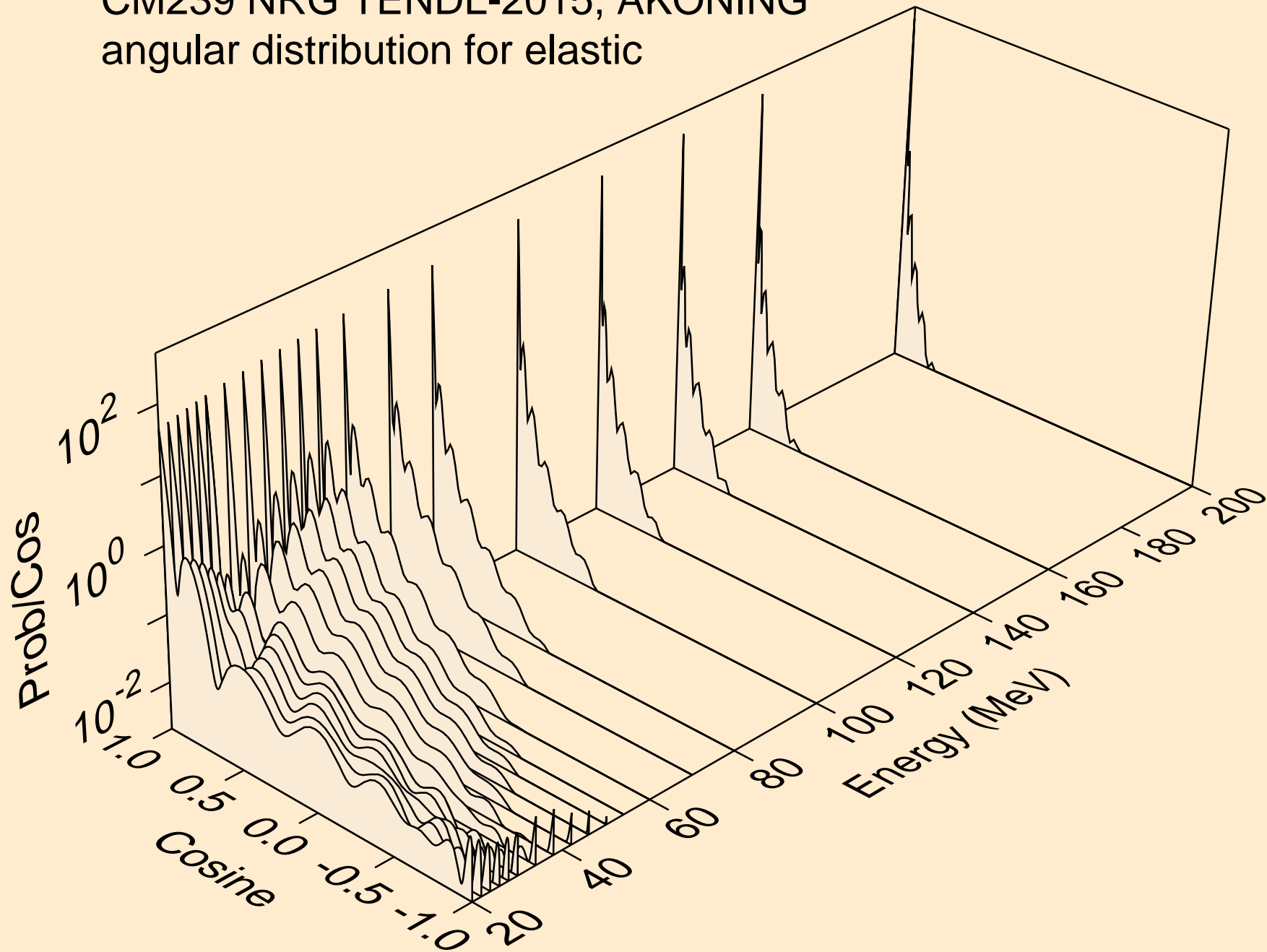




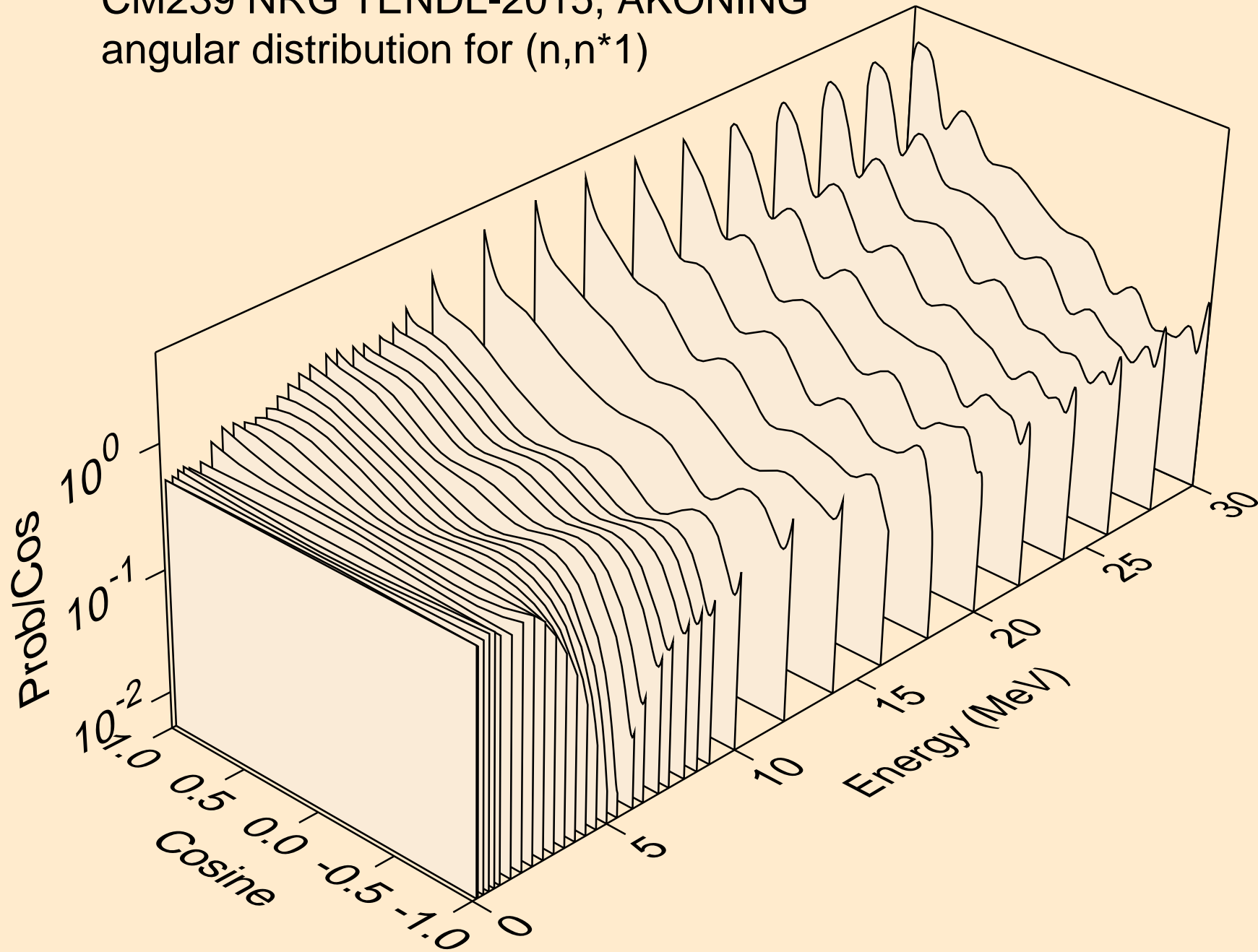
CM239 NRG TENDL-2015, AKONING  
angular distribution for elastic



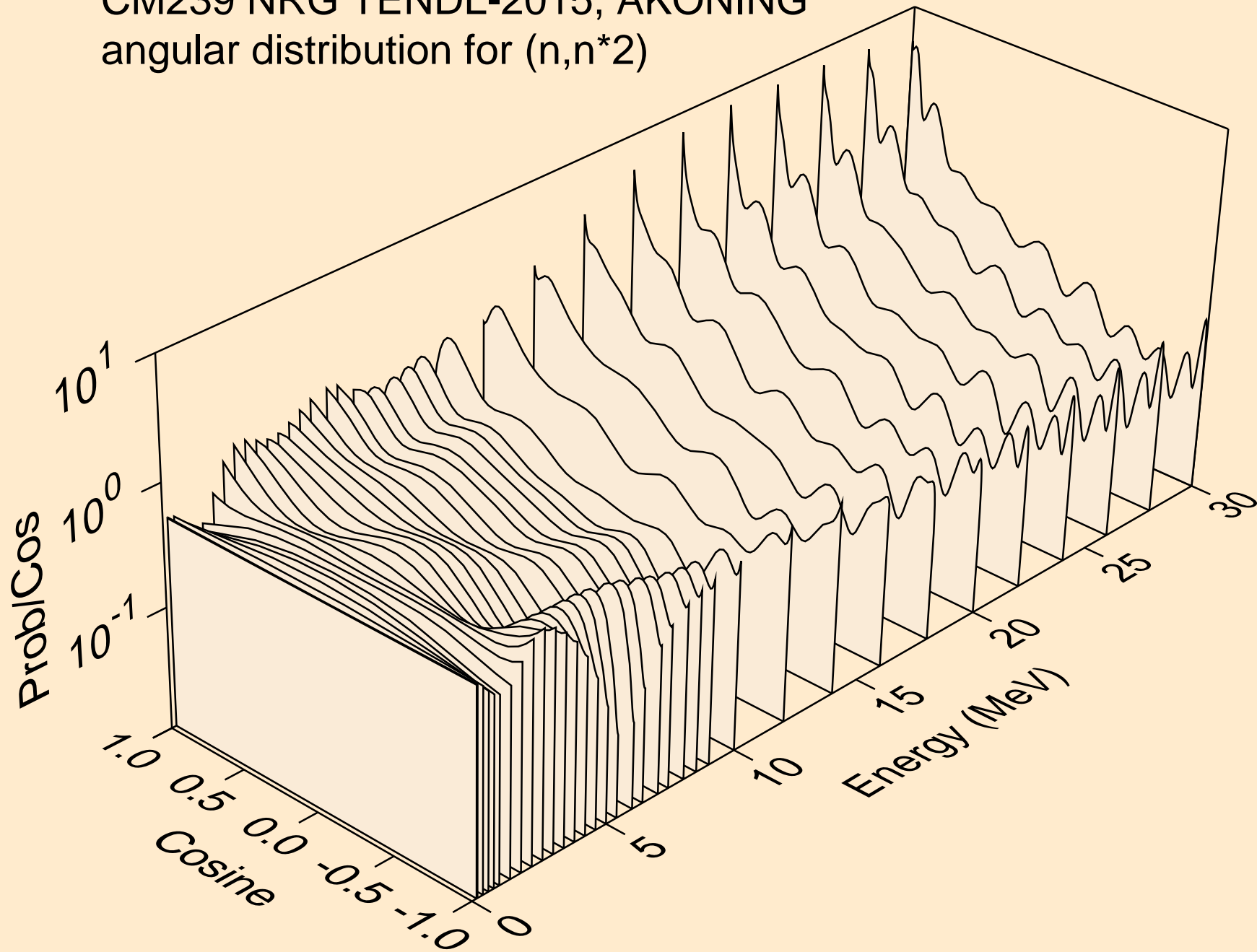
CM239 NRG TENDL-2015, AKONING  
angular distribution for elastic



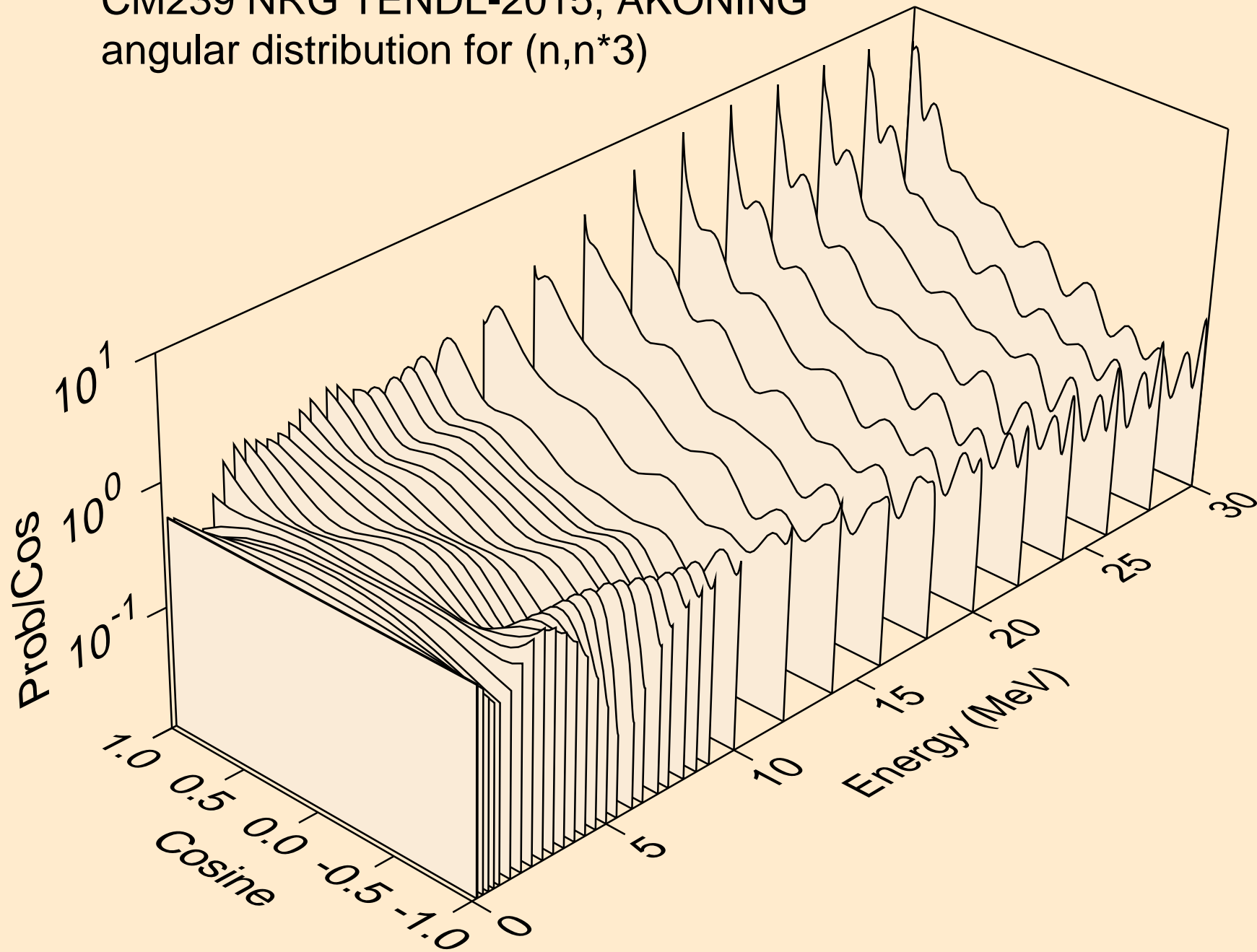
CM239 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



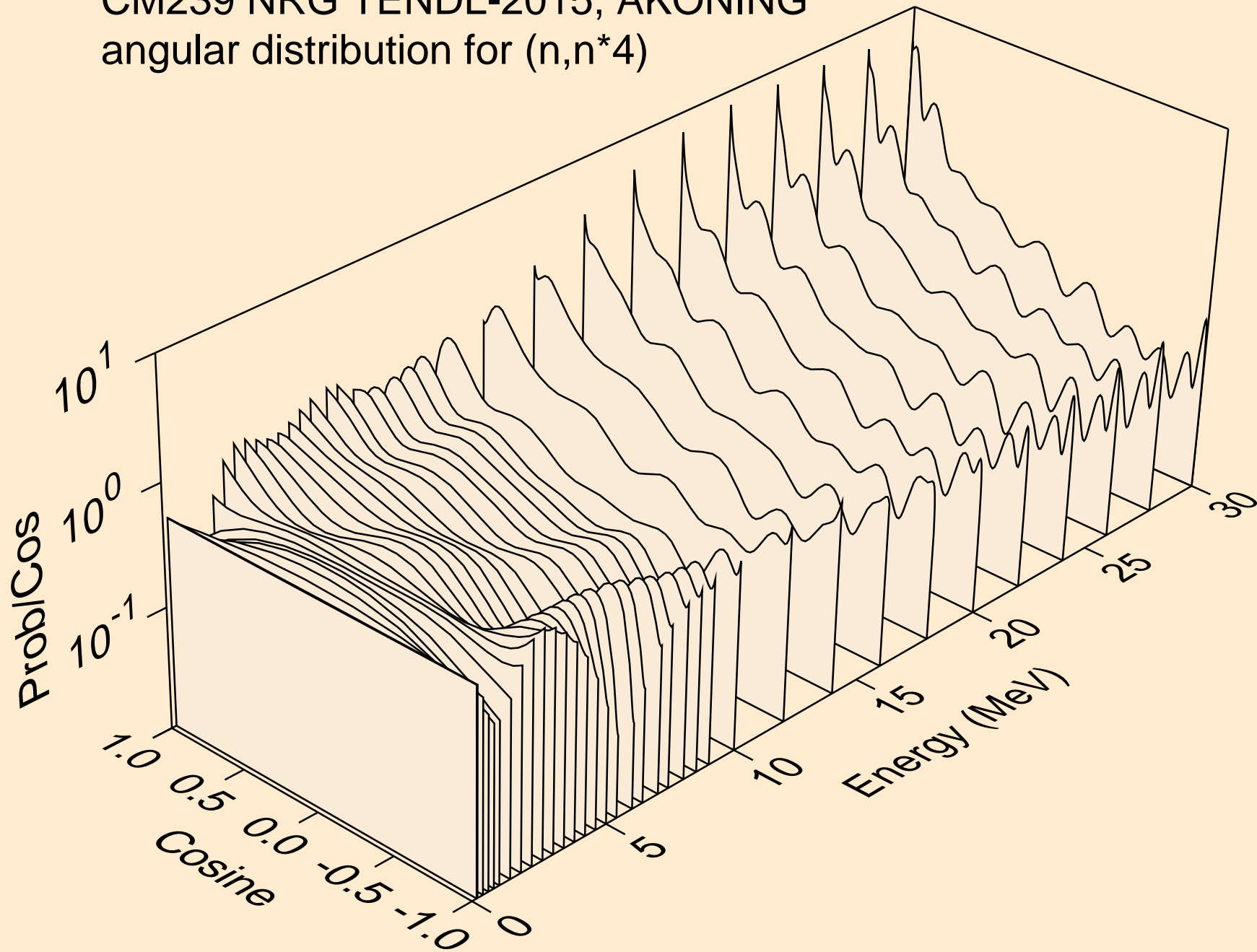
CM239 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



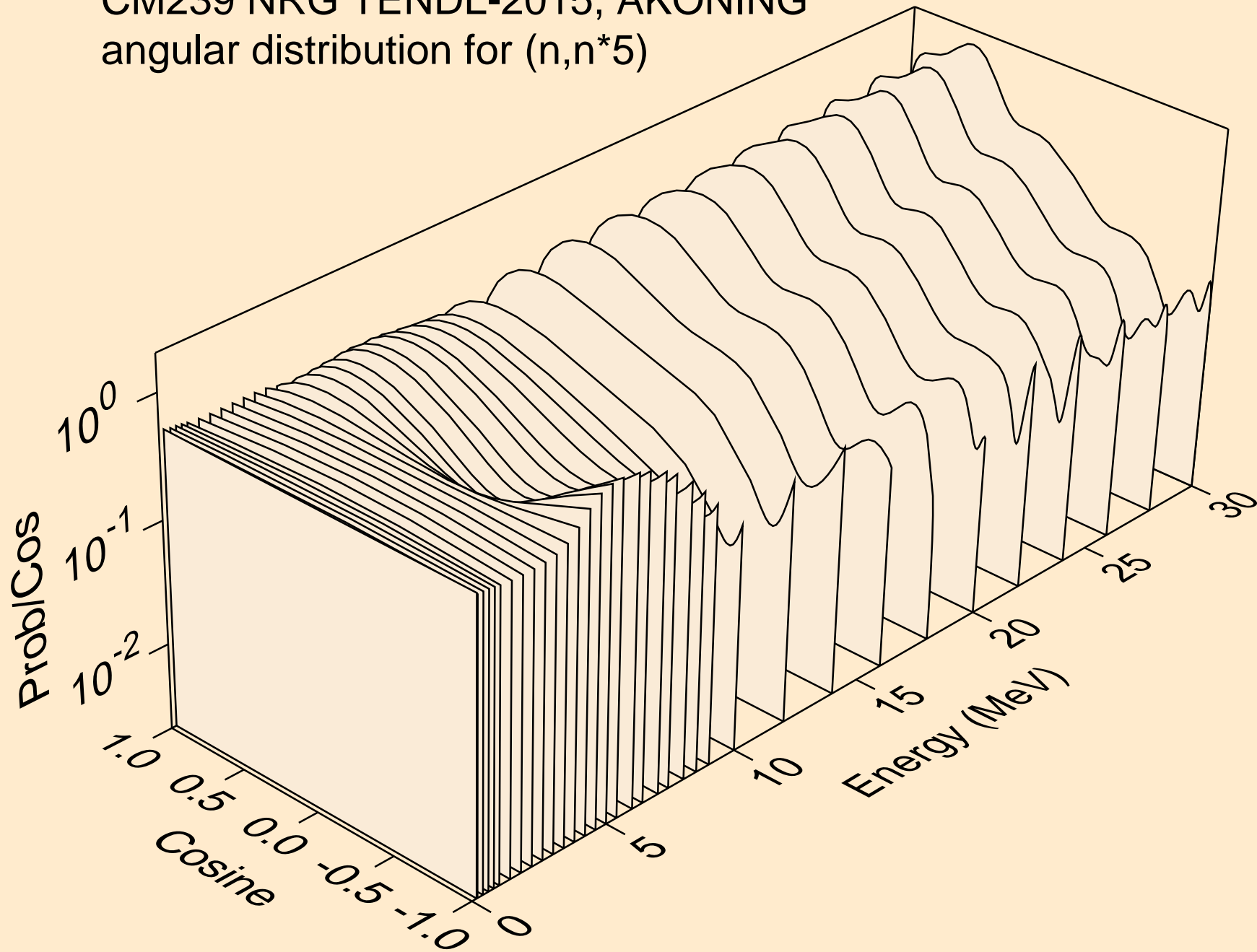
CM239 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



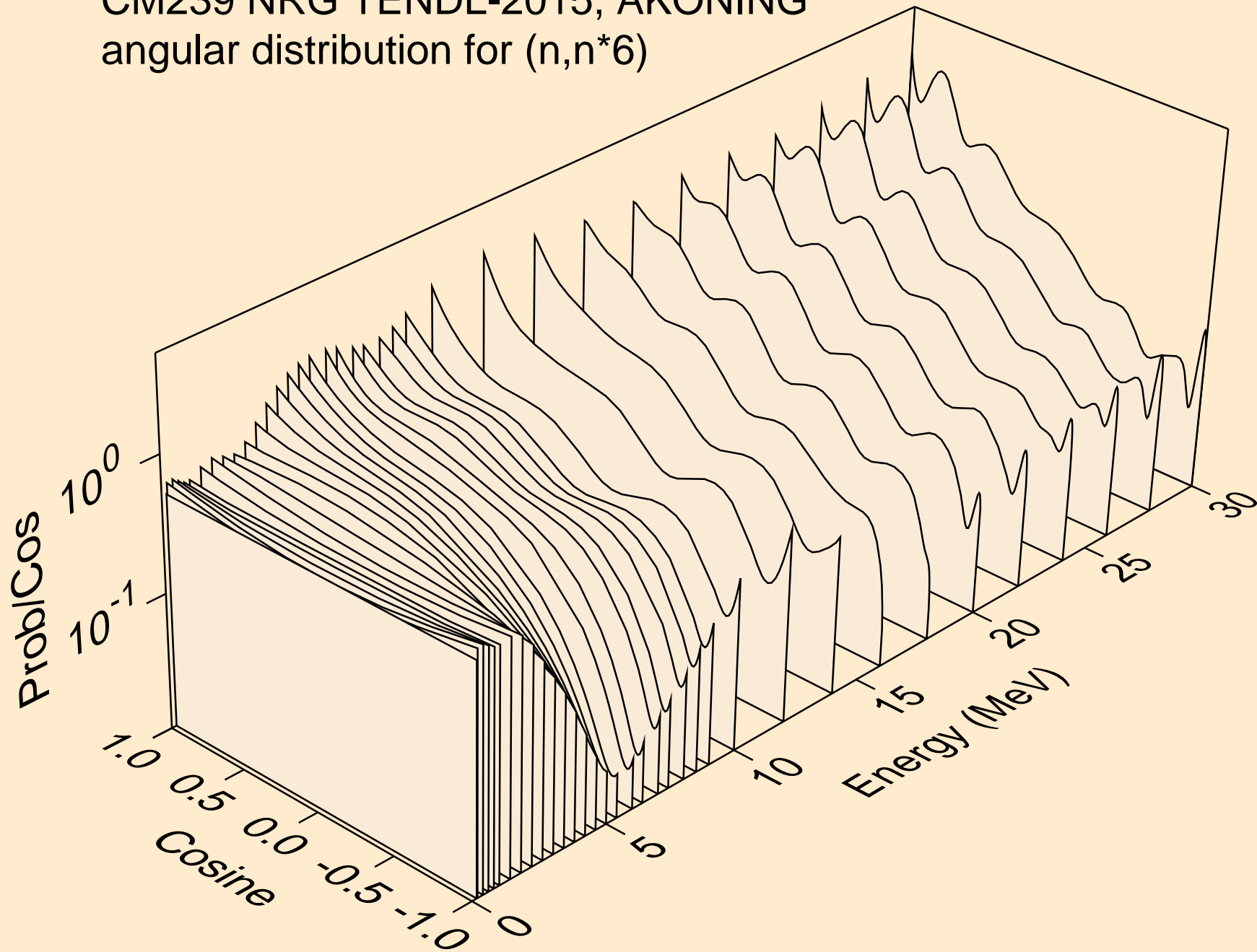
CM239 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



CM239 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

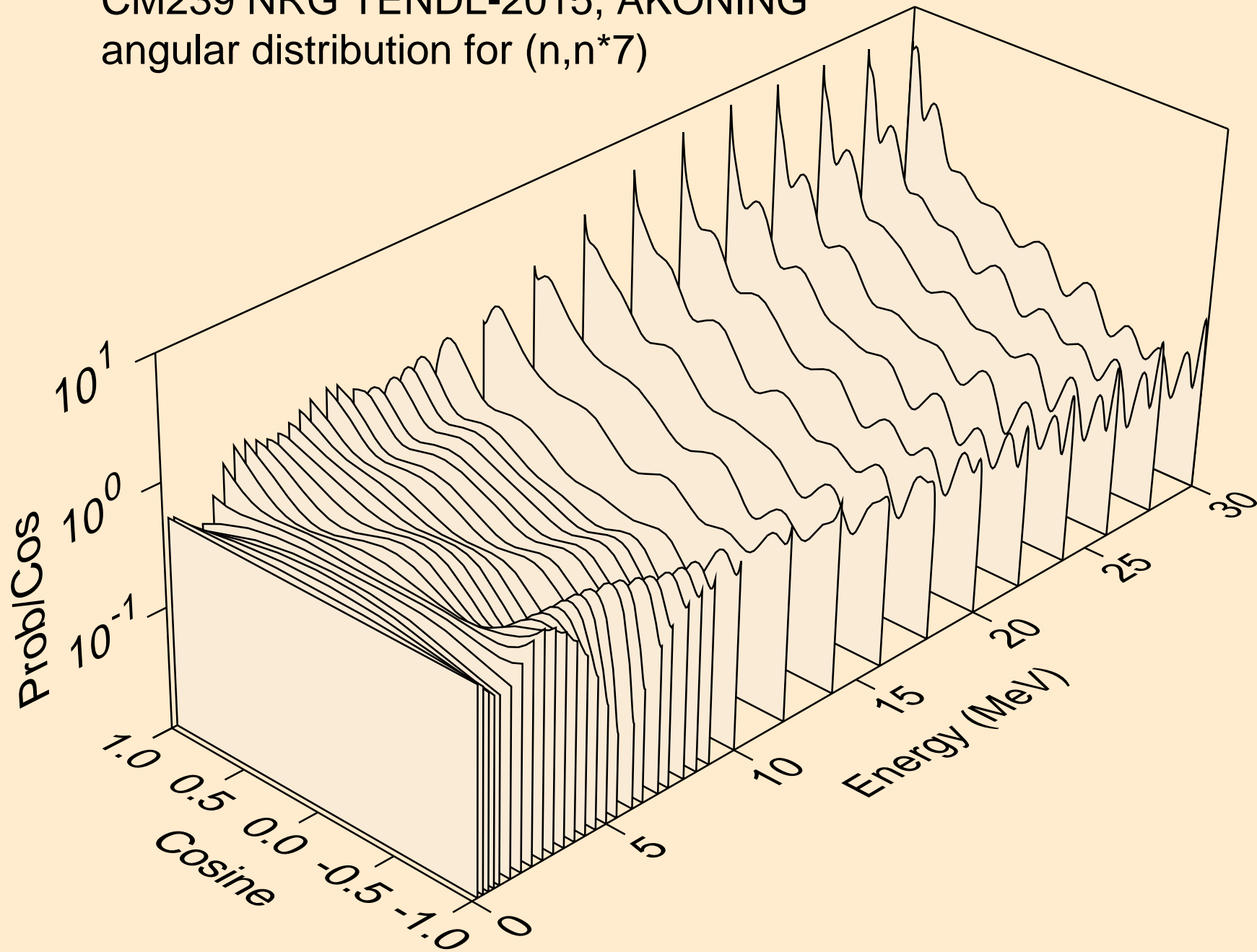


CM239 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

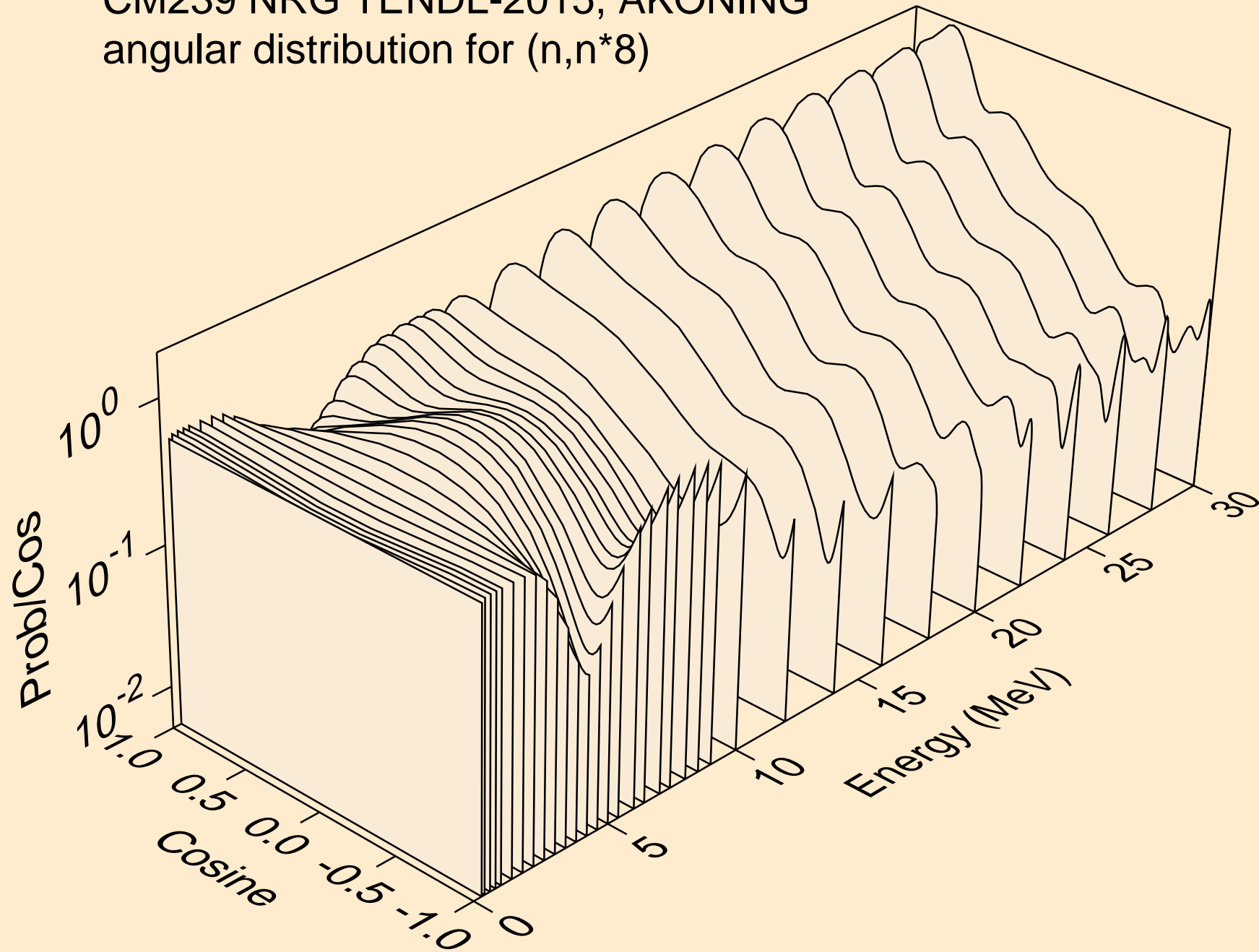




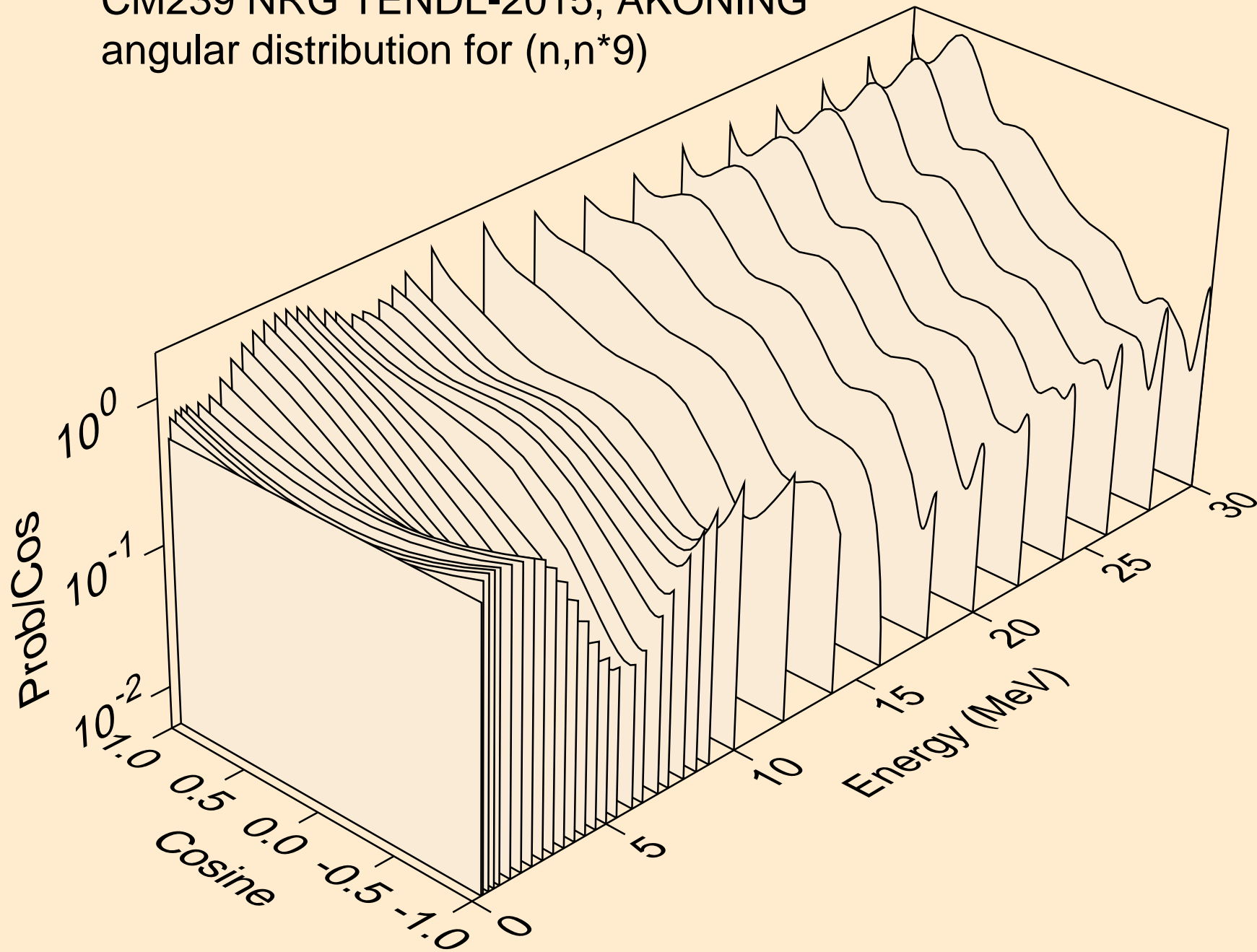
CM239 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



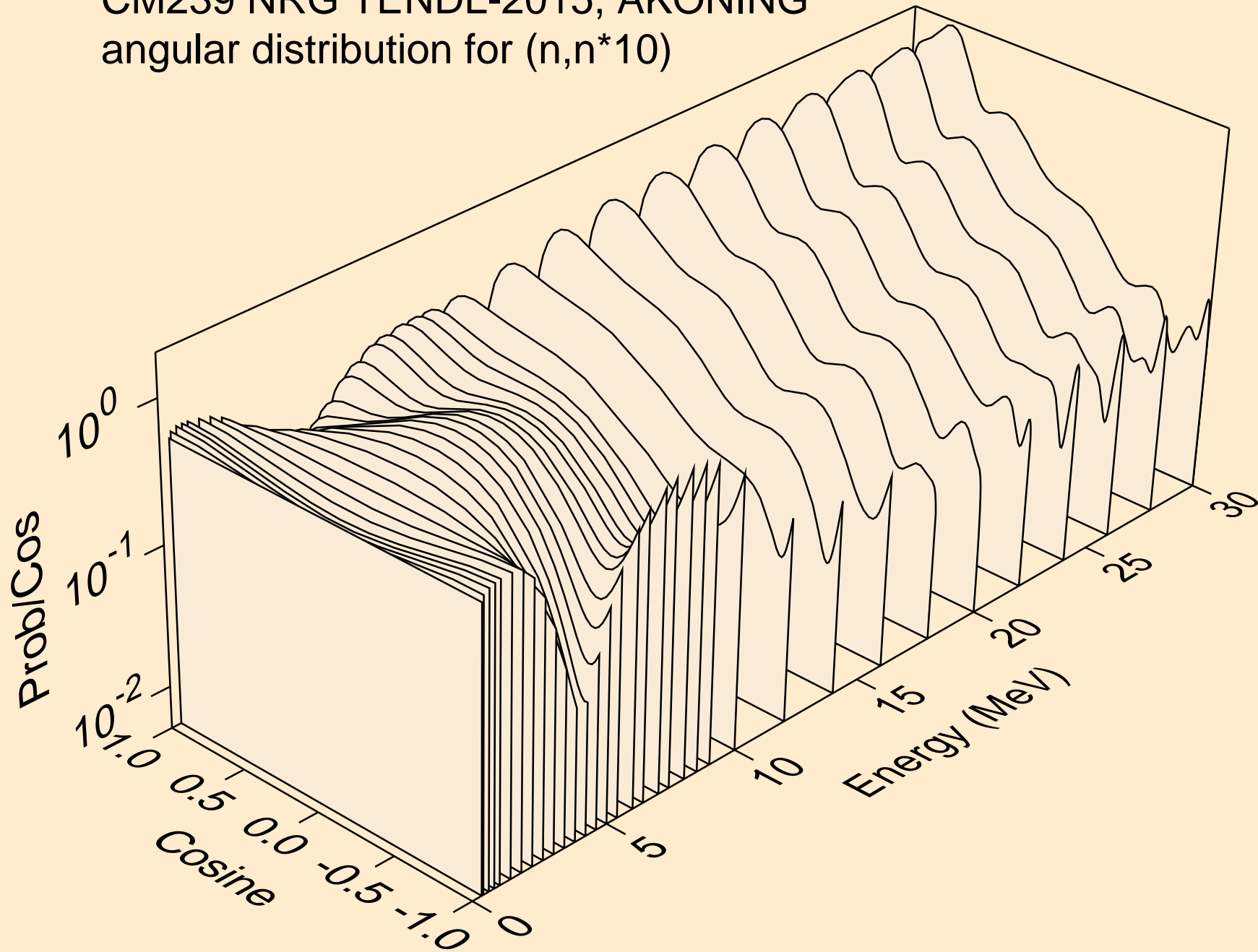
CM239 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



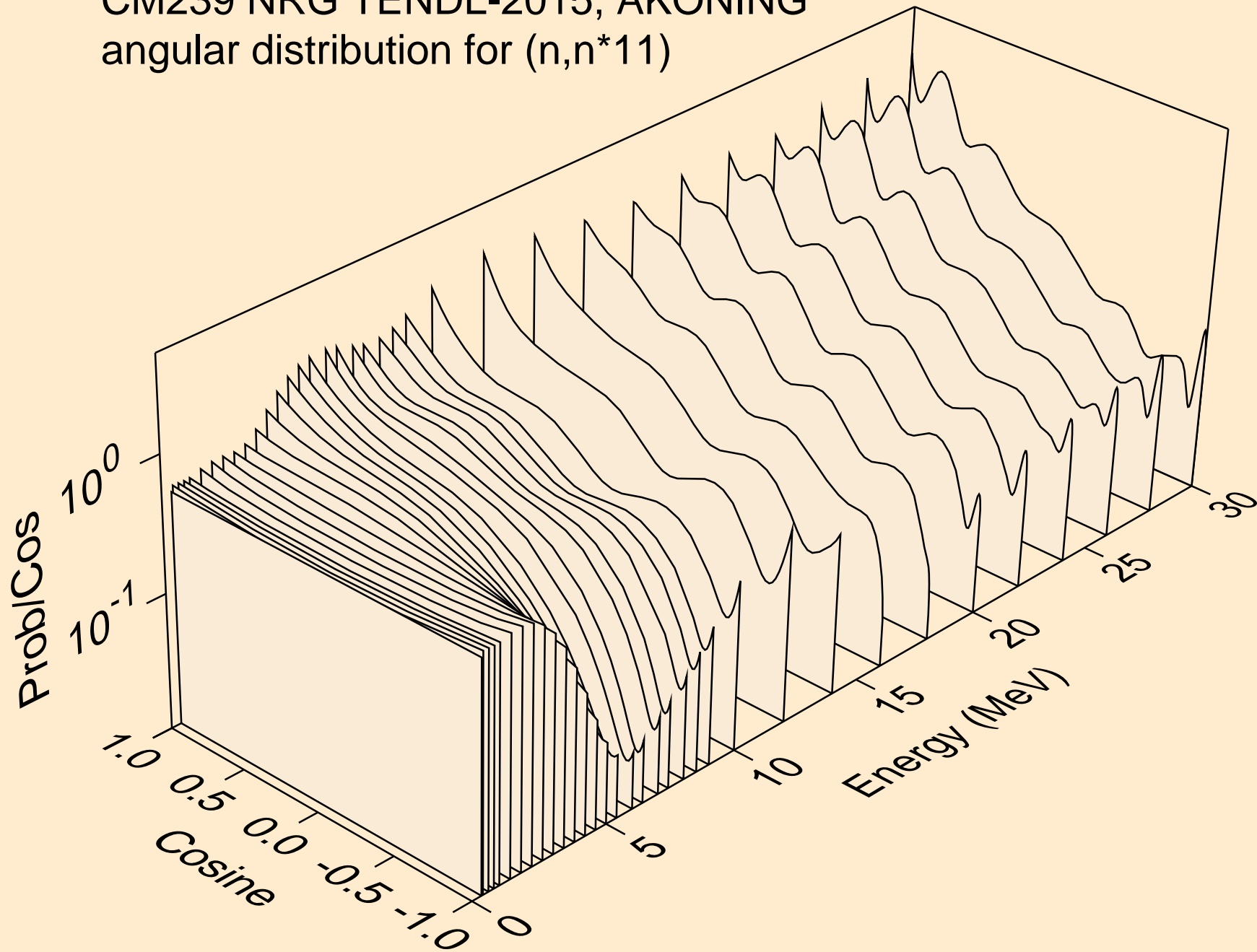
CM239 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



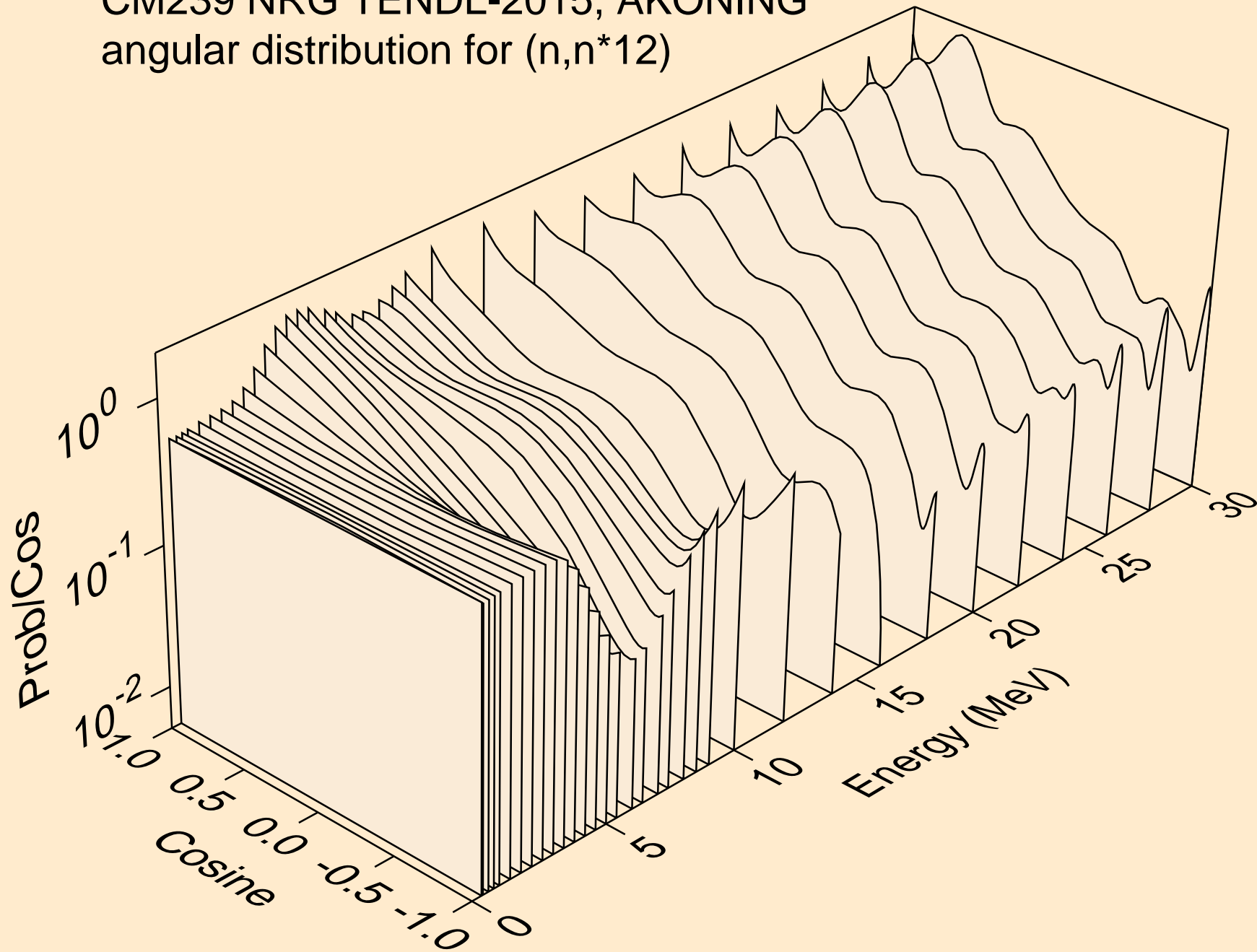
CM239 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



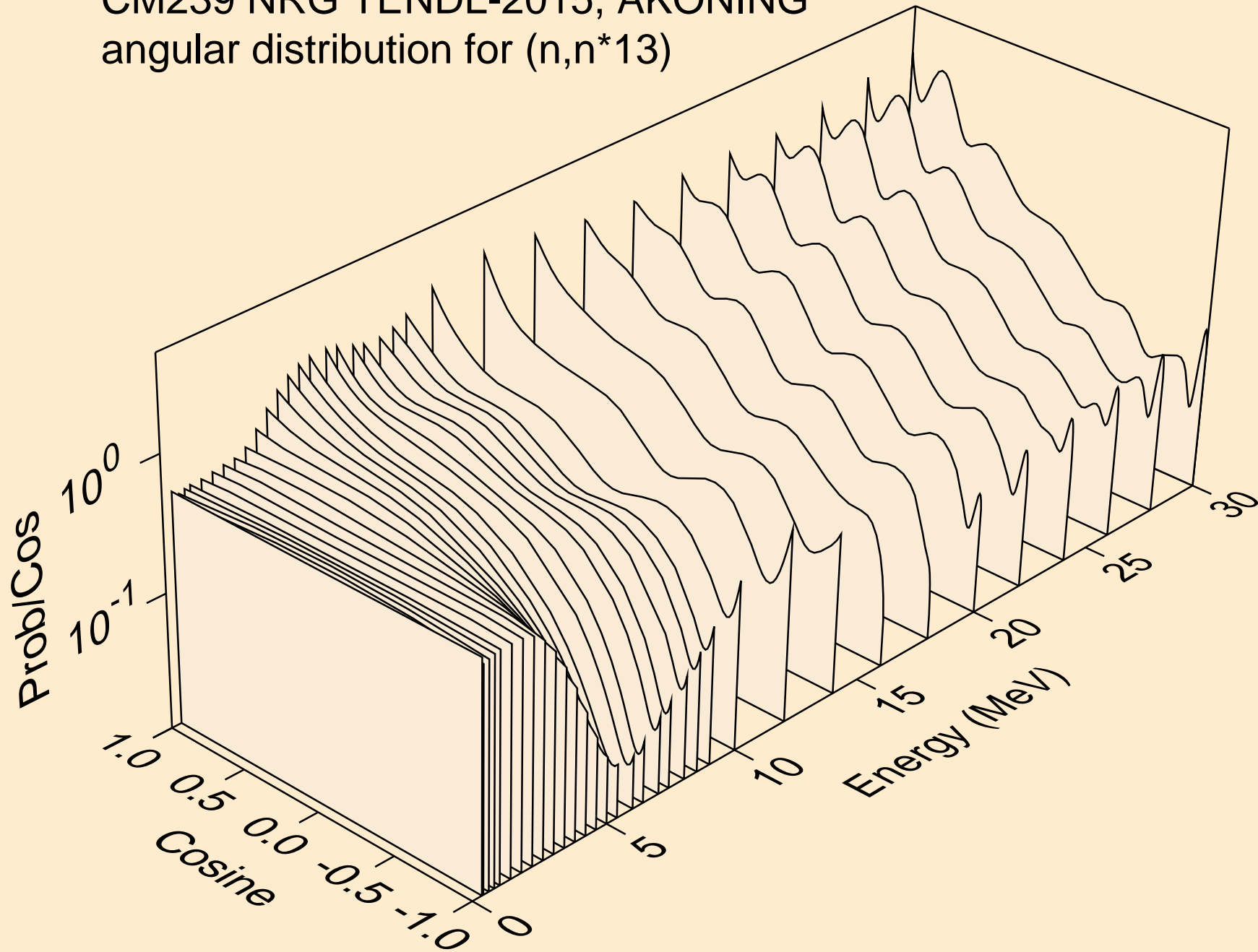
CM239 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



CM239 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)

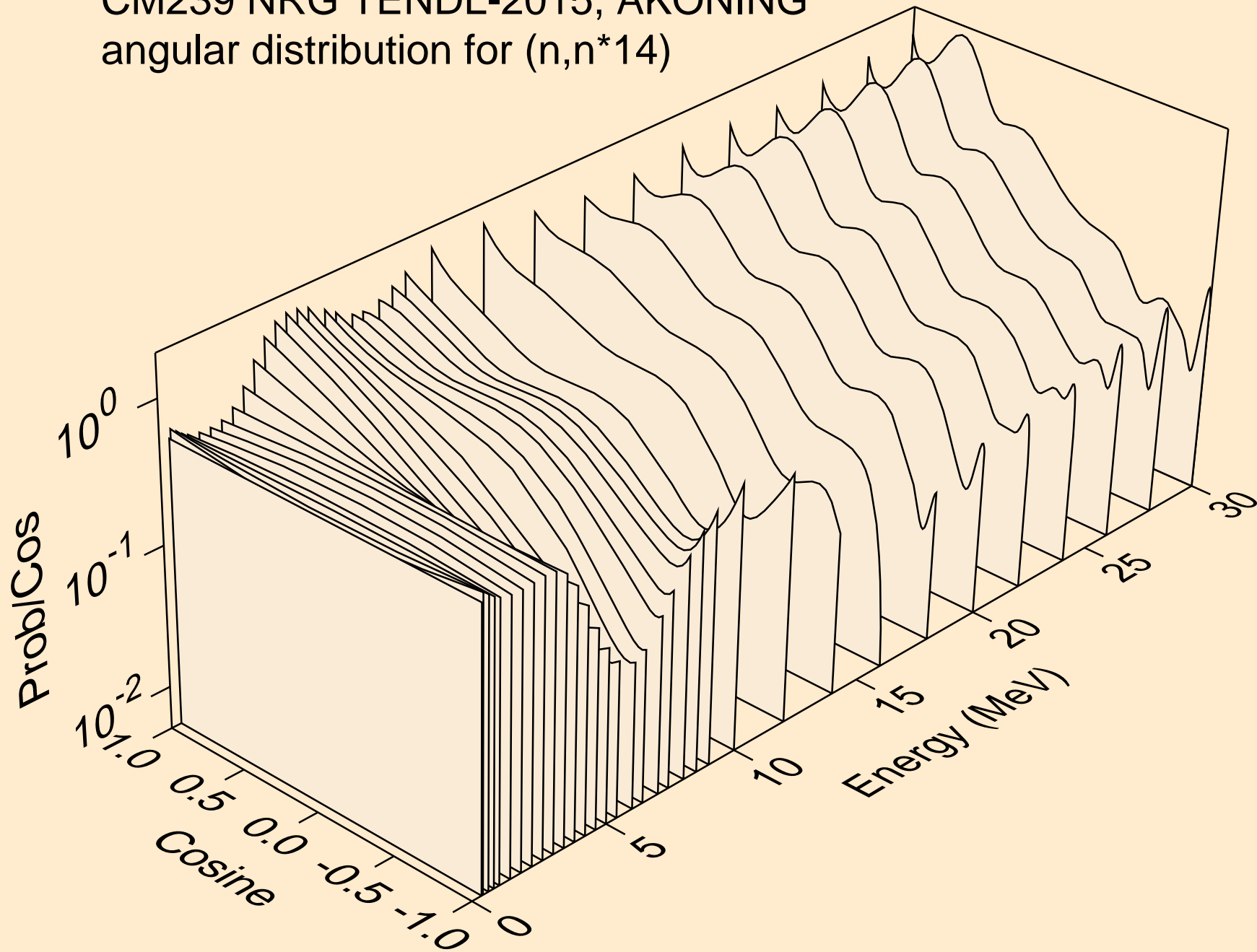


CM239 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



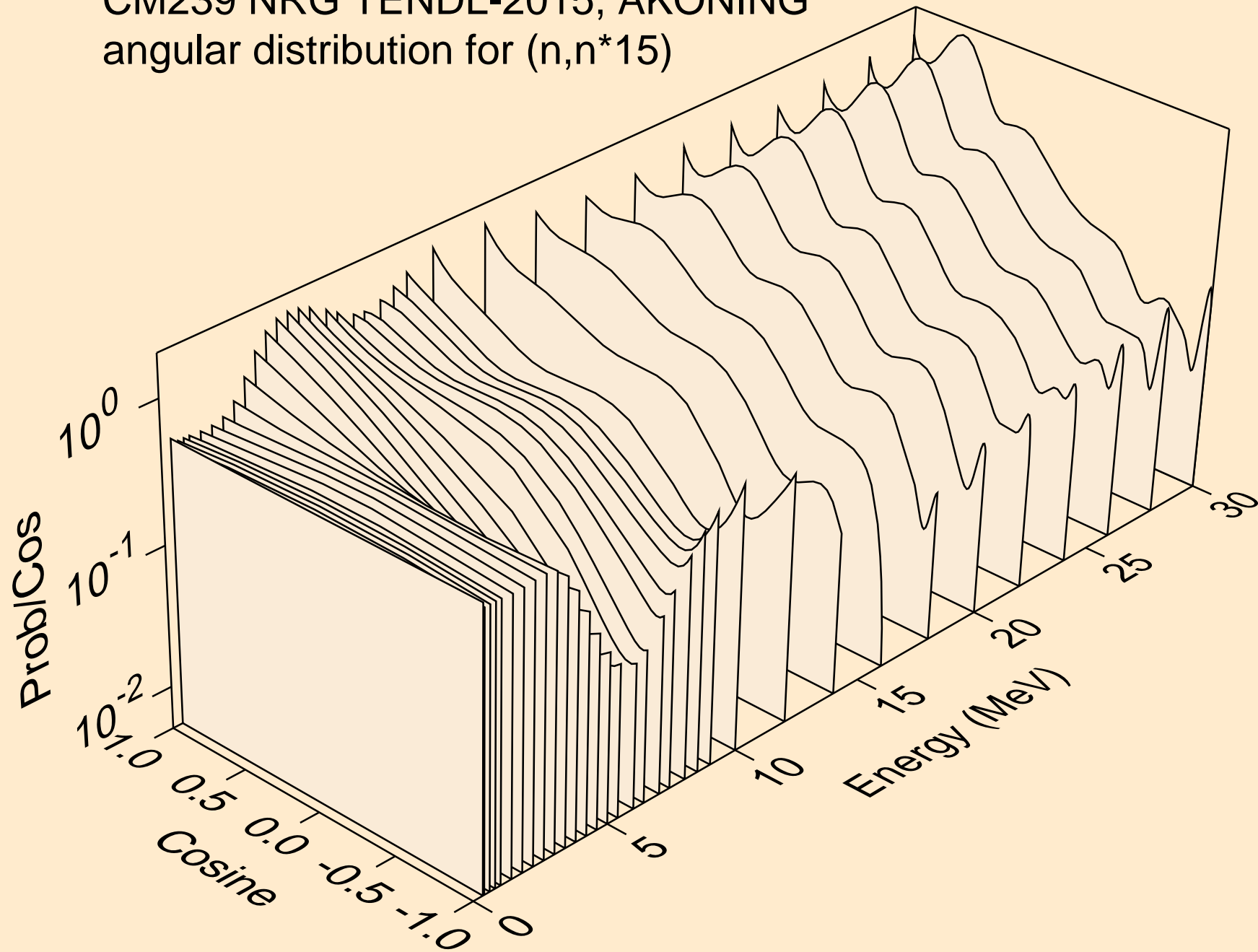


CM239 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

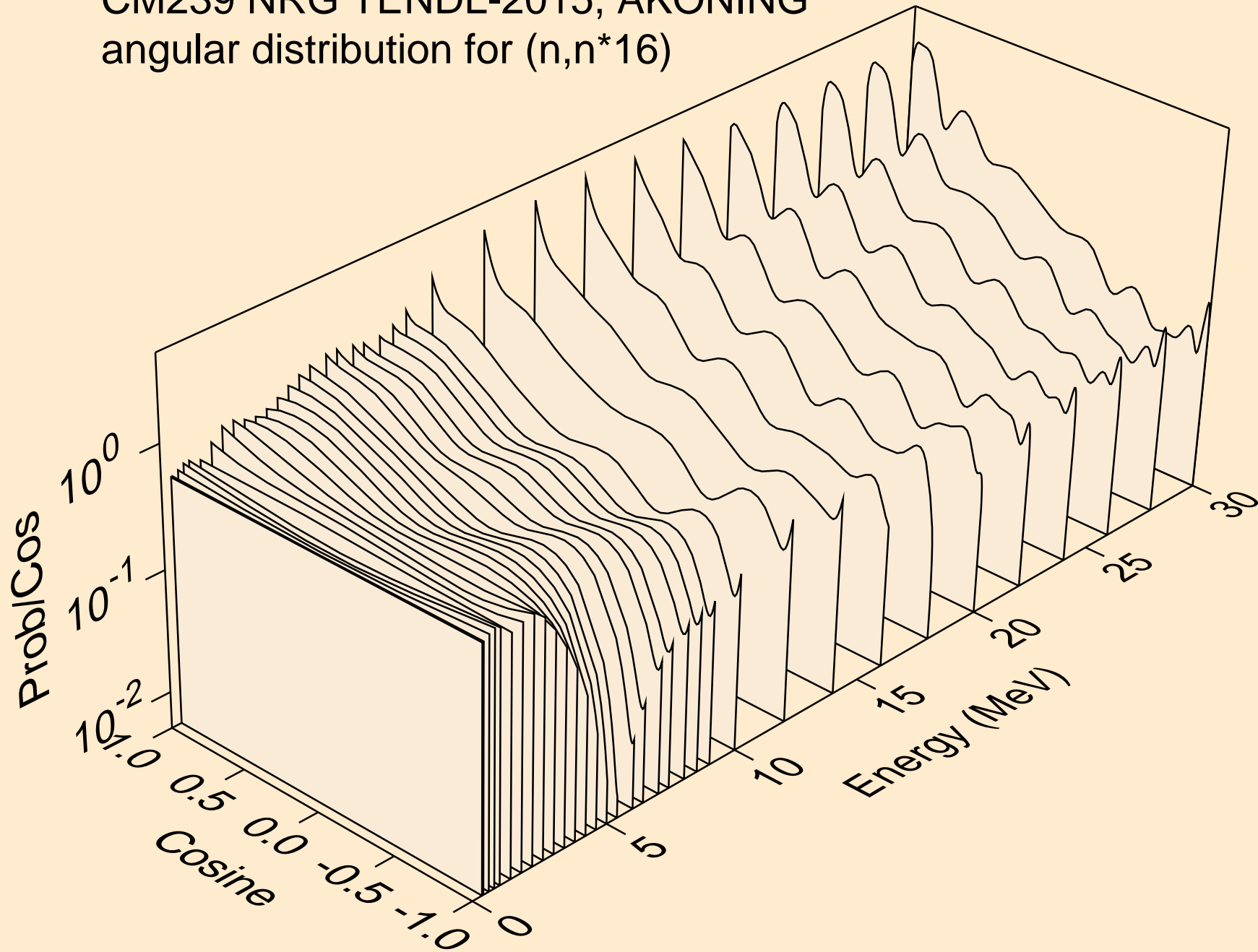




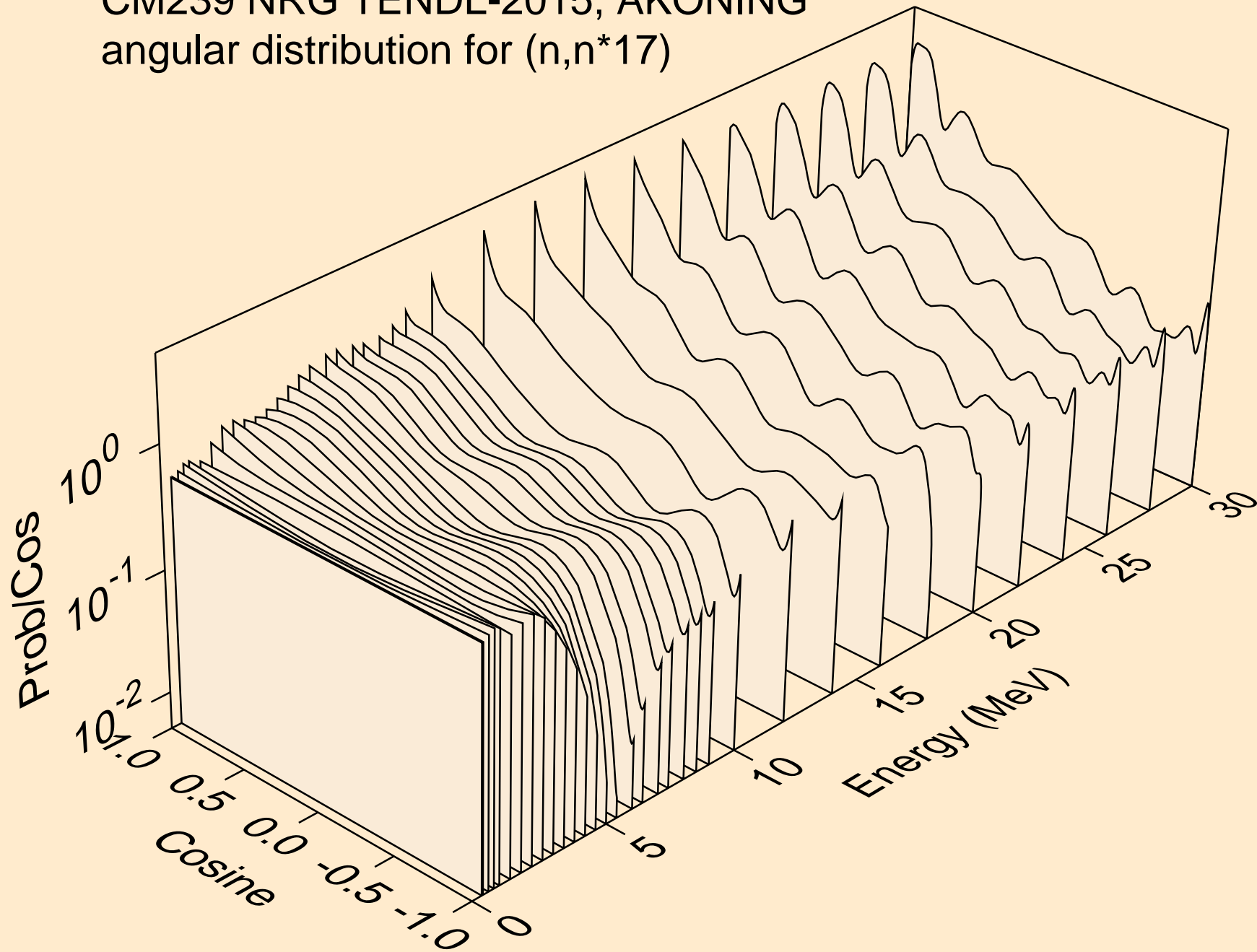
CM239 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



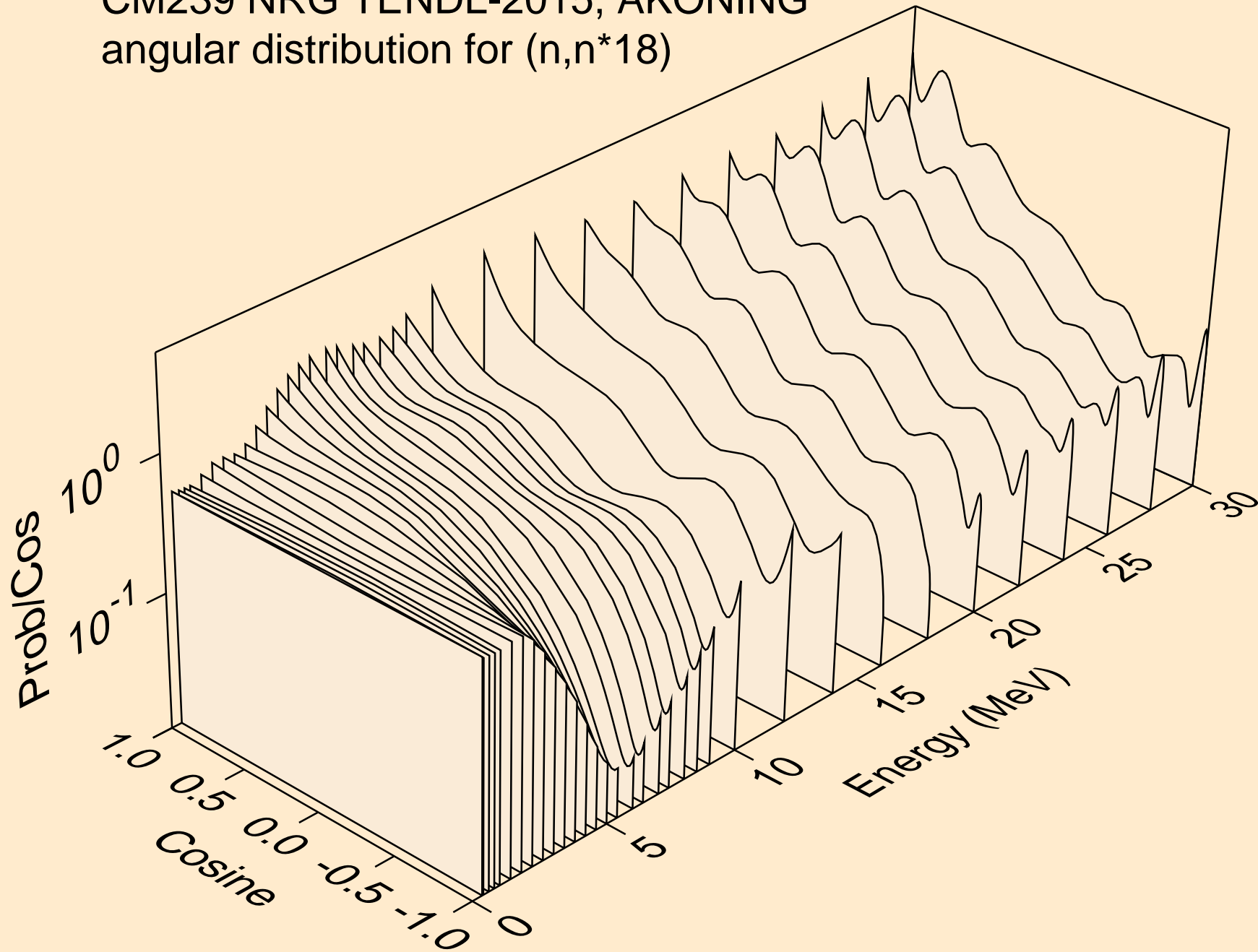
CM239 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



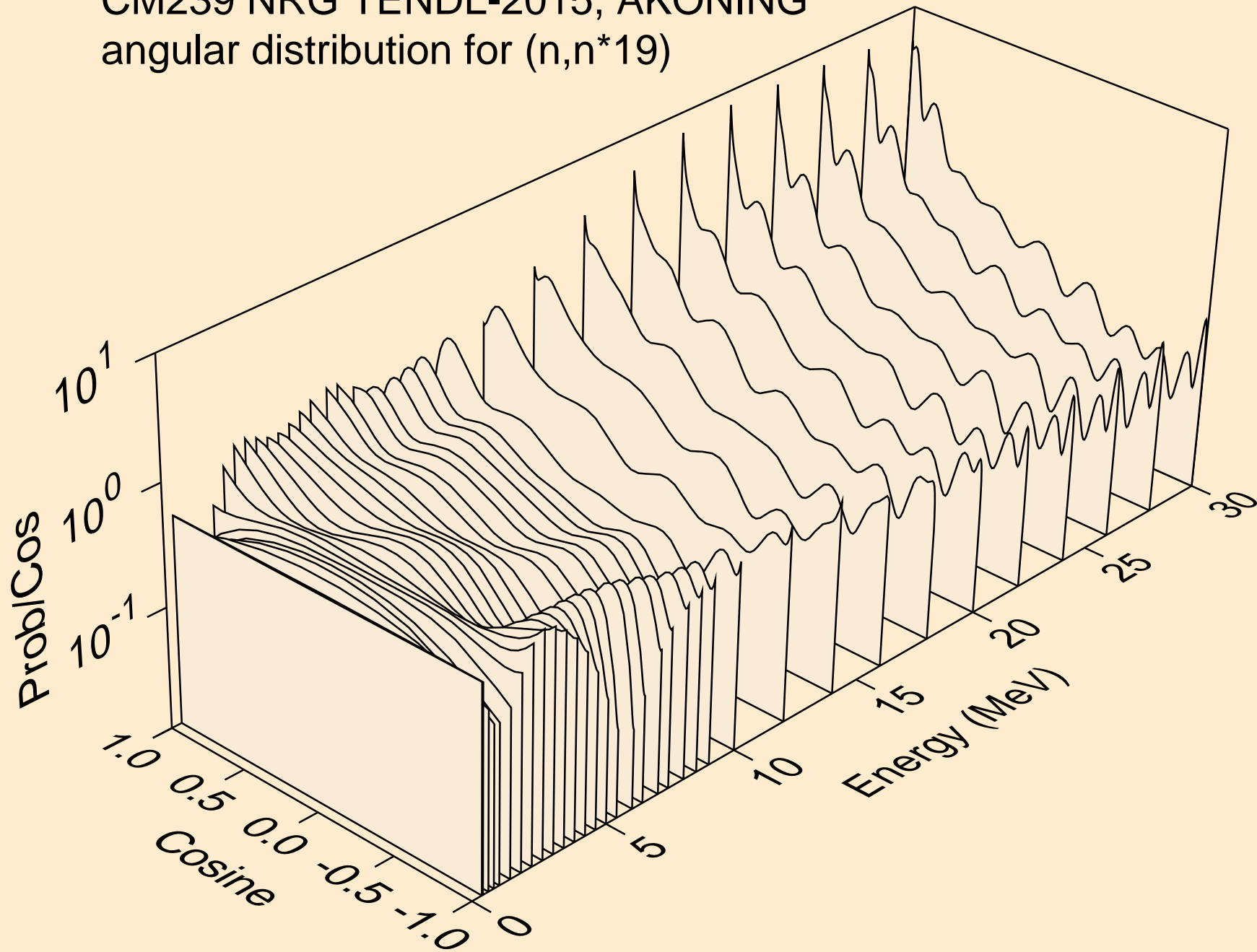
CM239 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



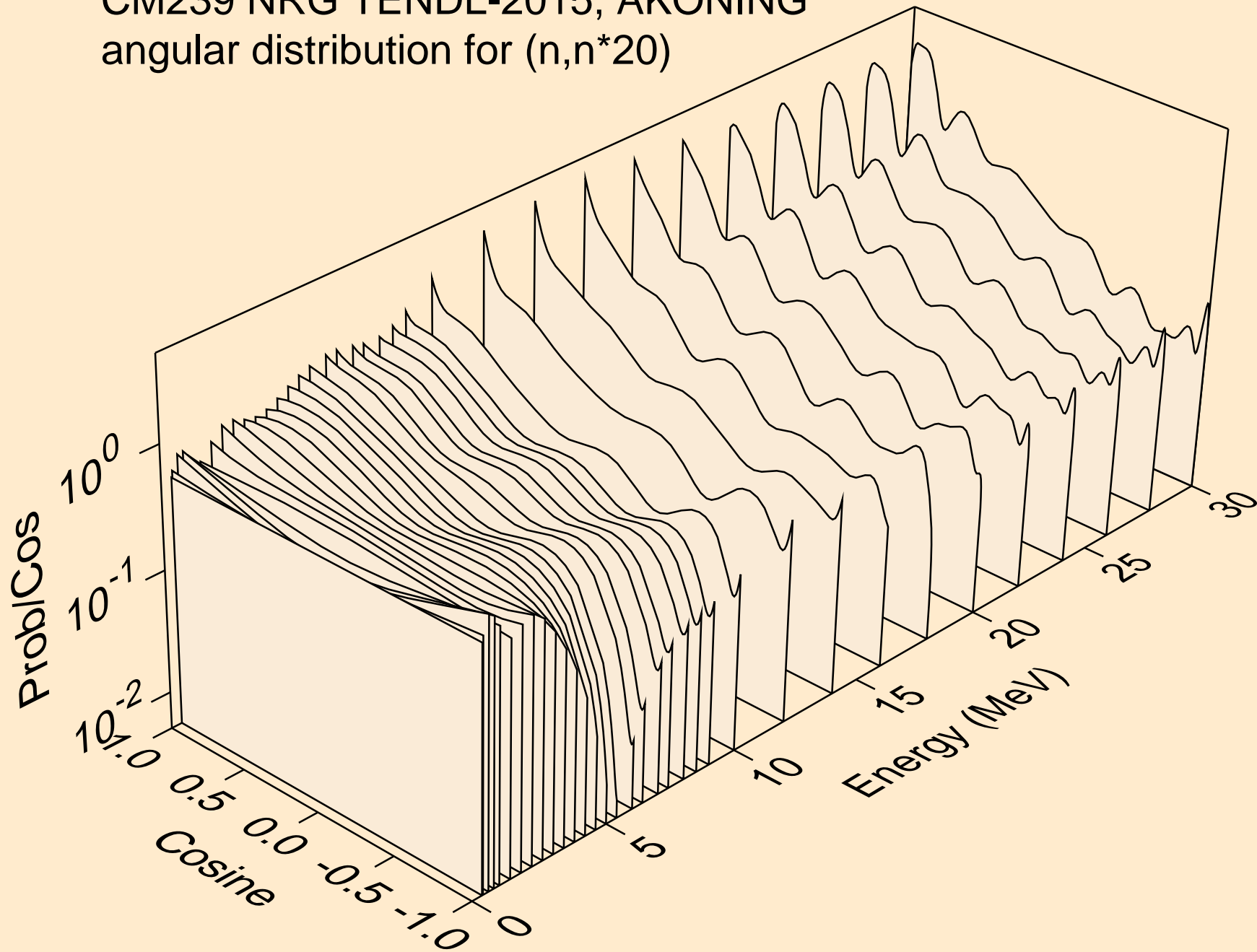
CM239 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



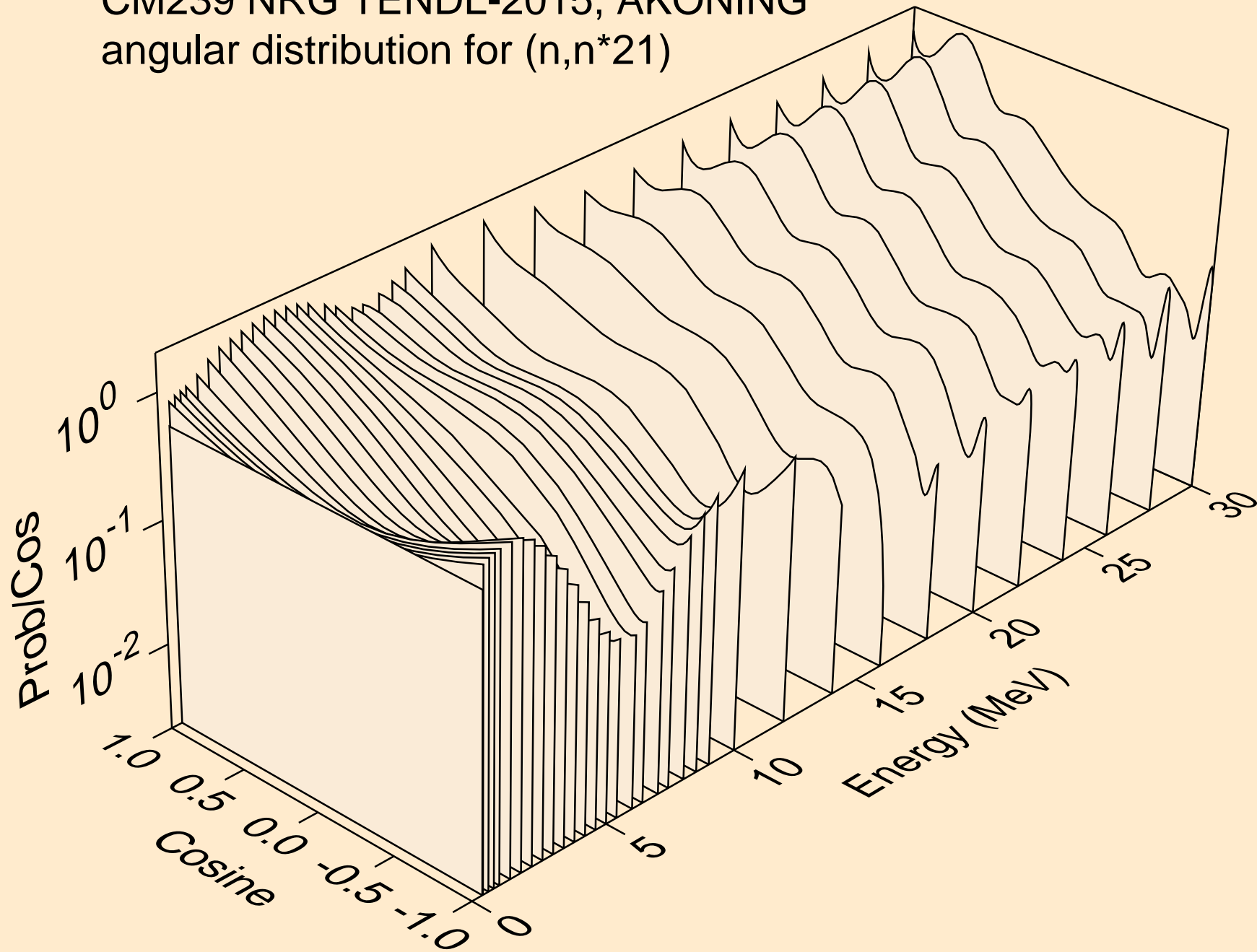
CM239 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



CM239 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)

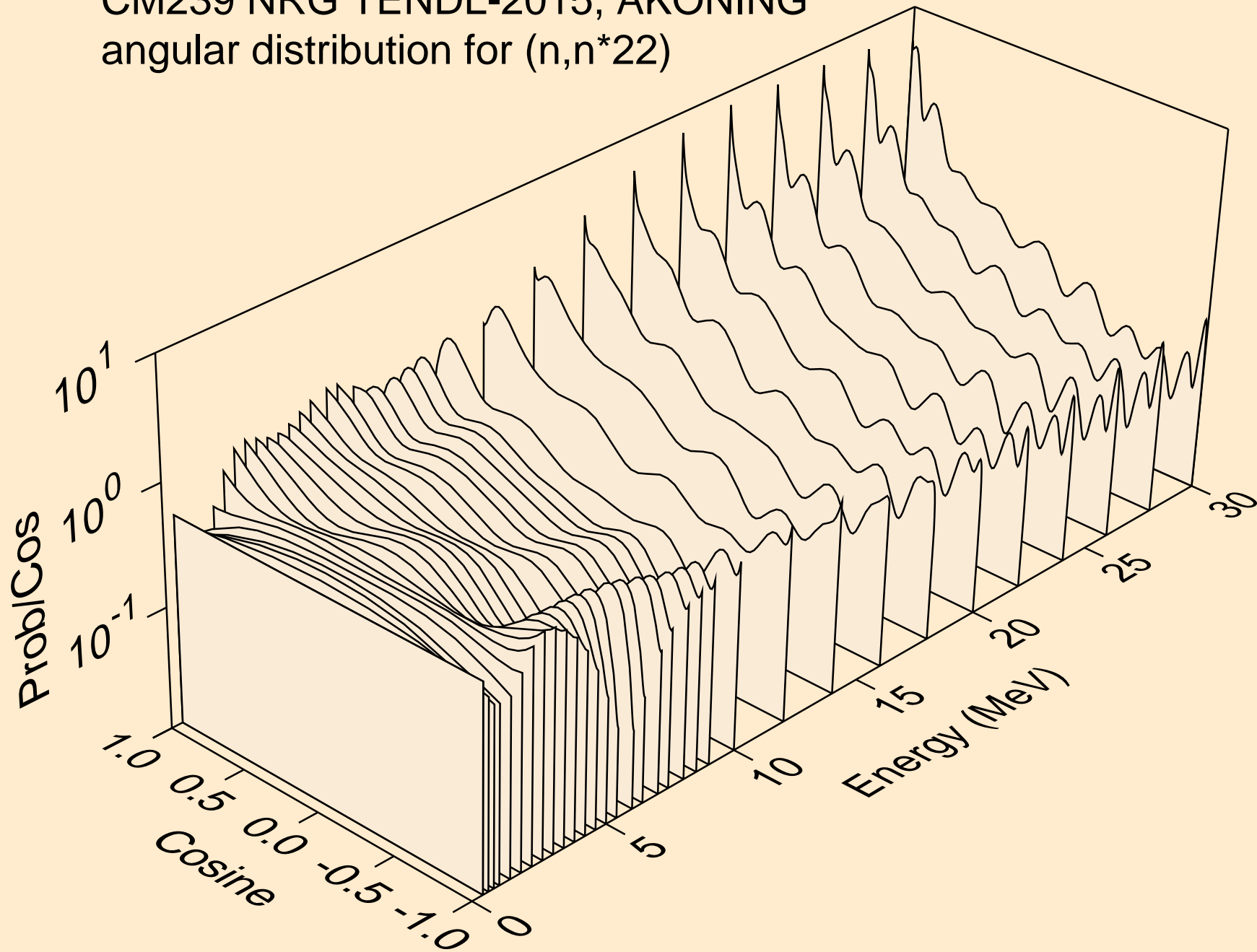


CM239 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



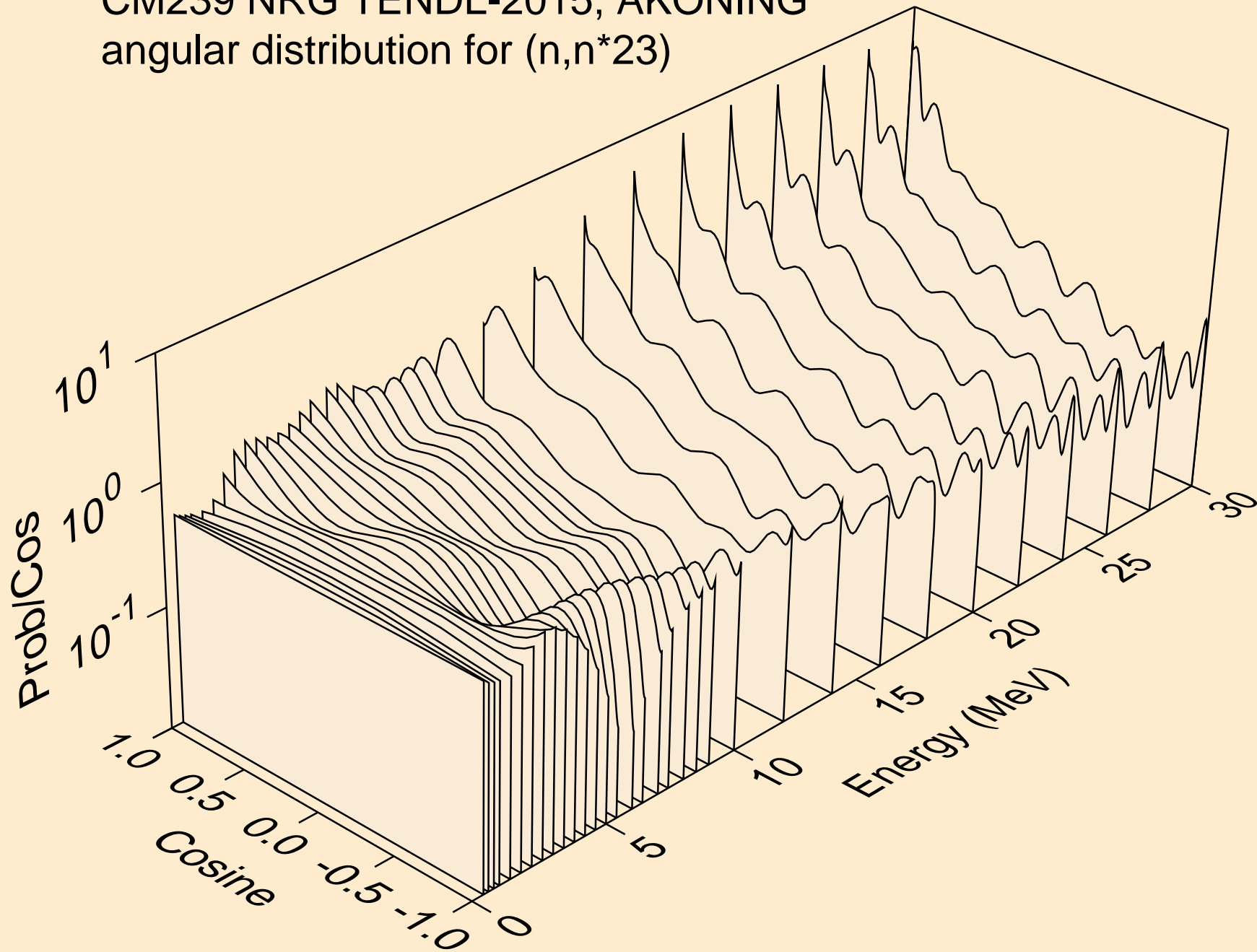


CM239 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

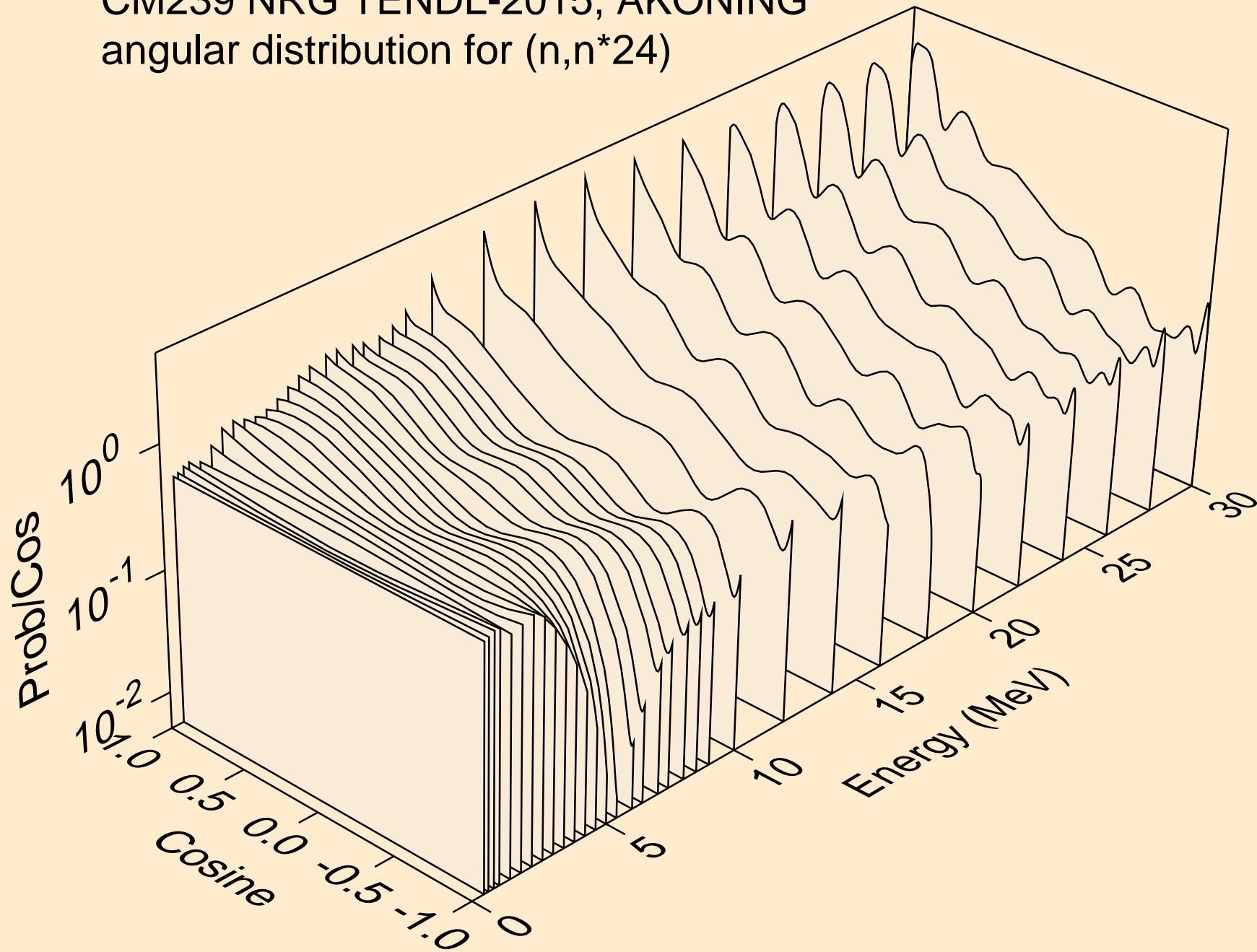




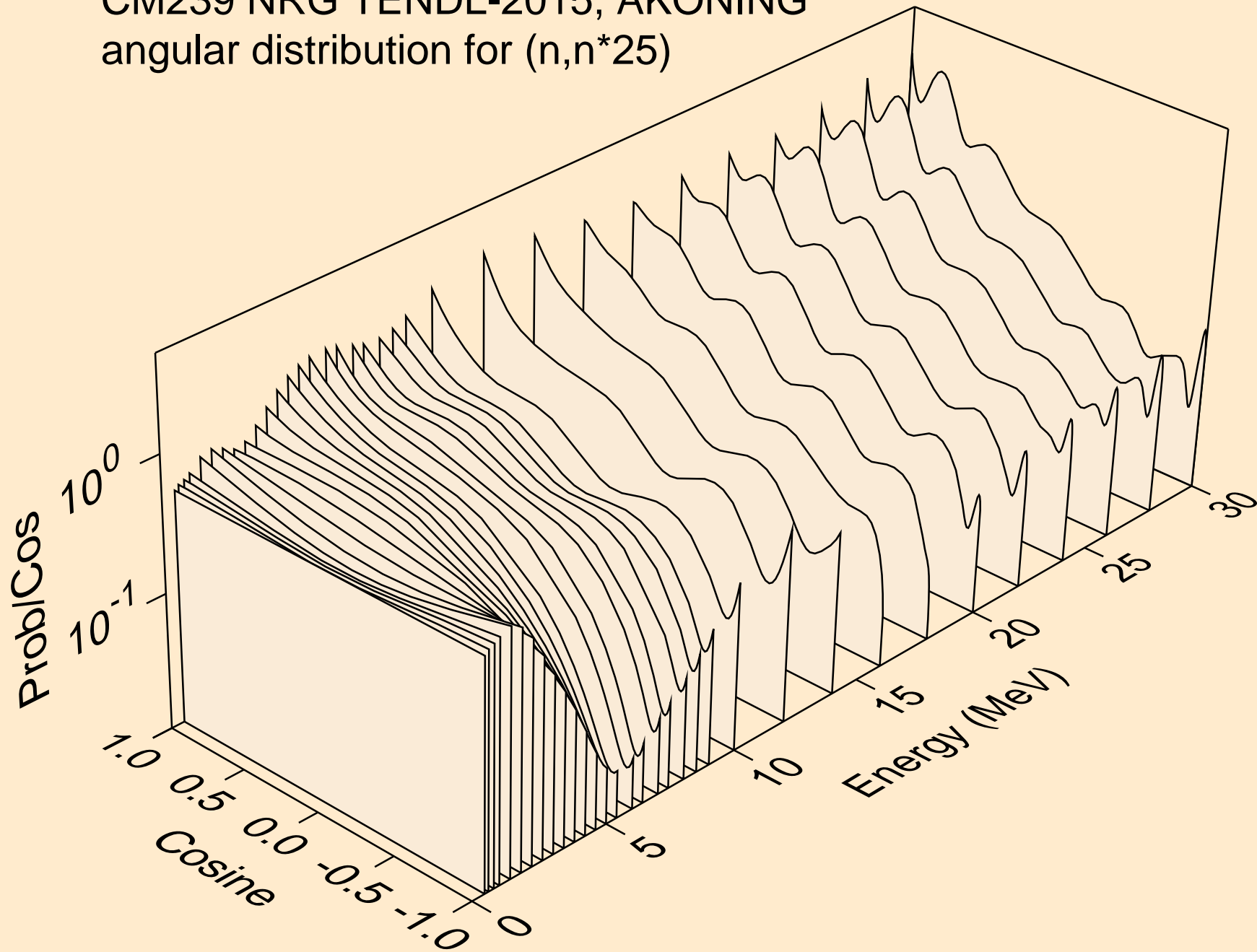
CM239 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



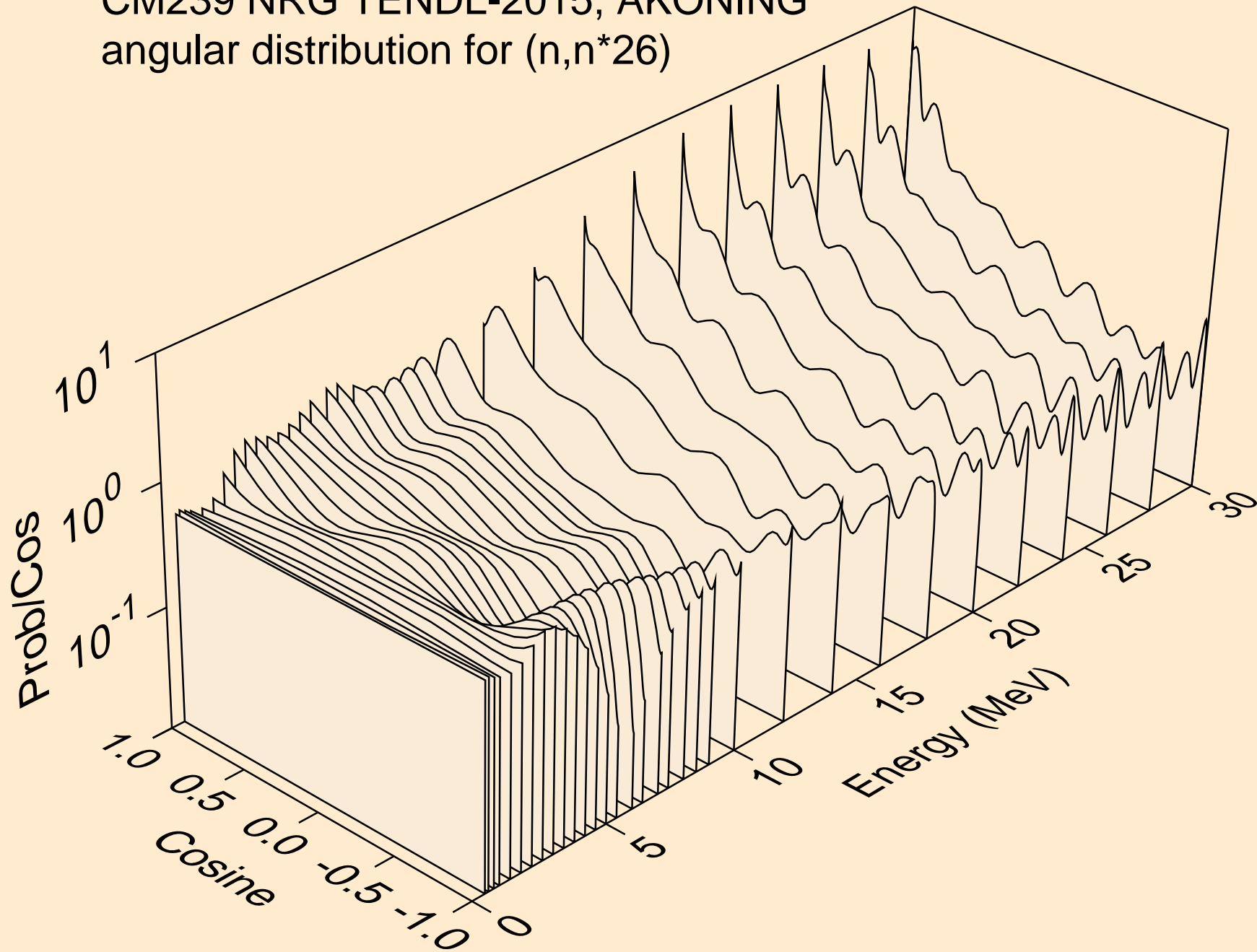
CM239 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



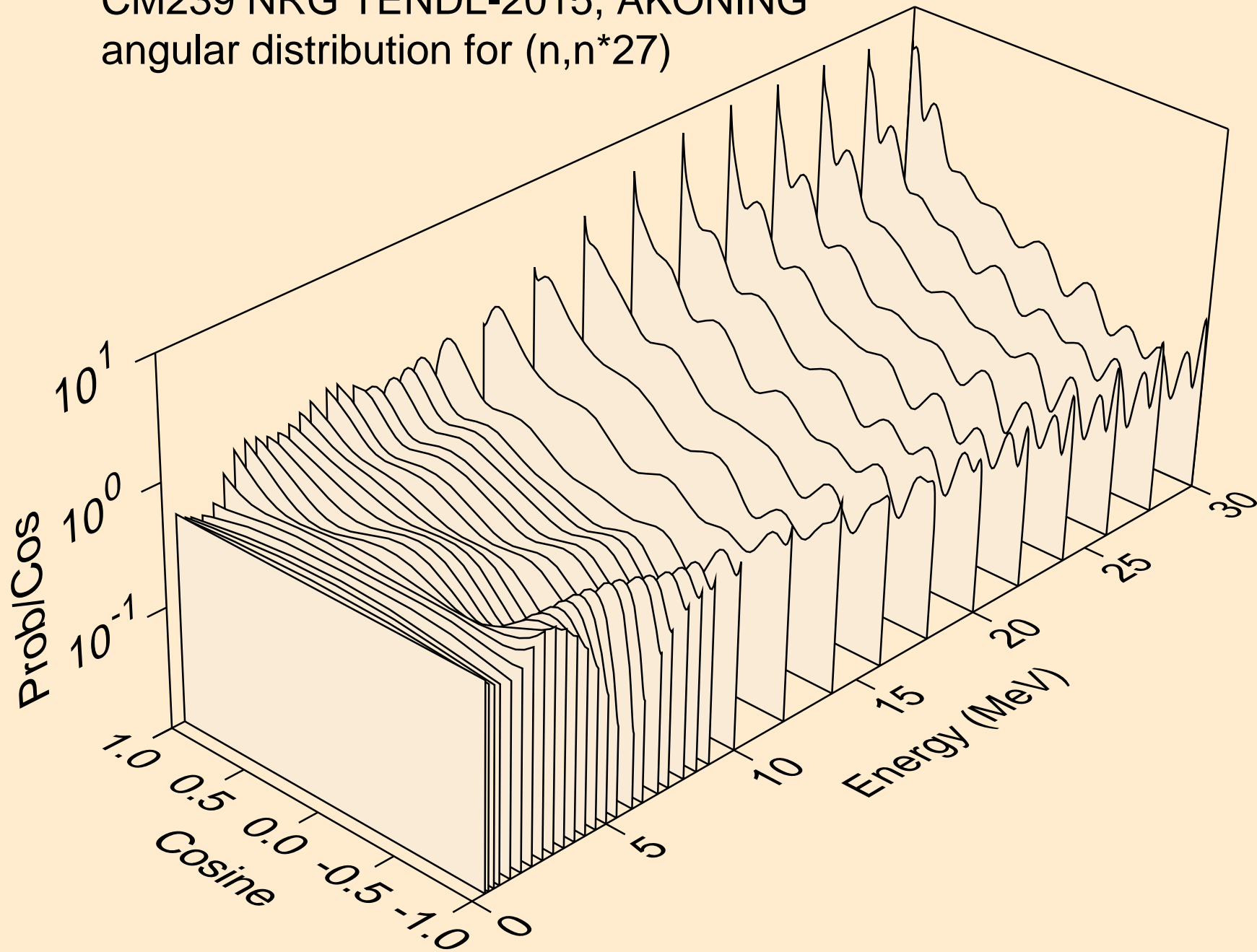
CM239 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



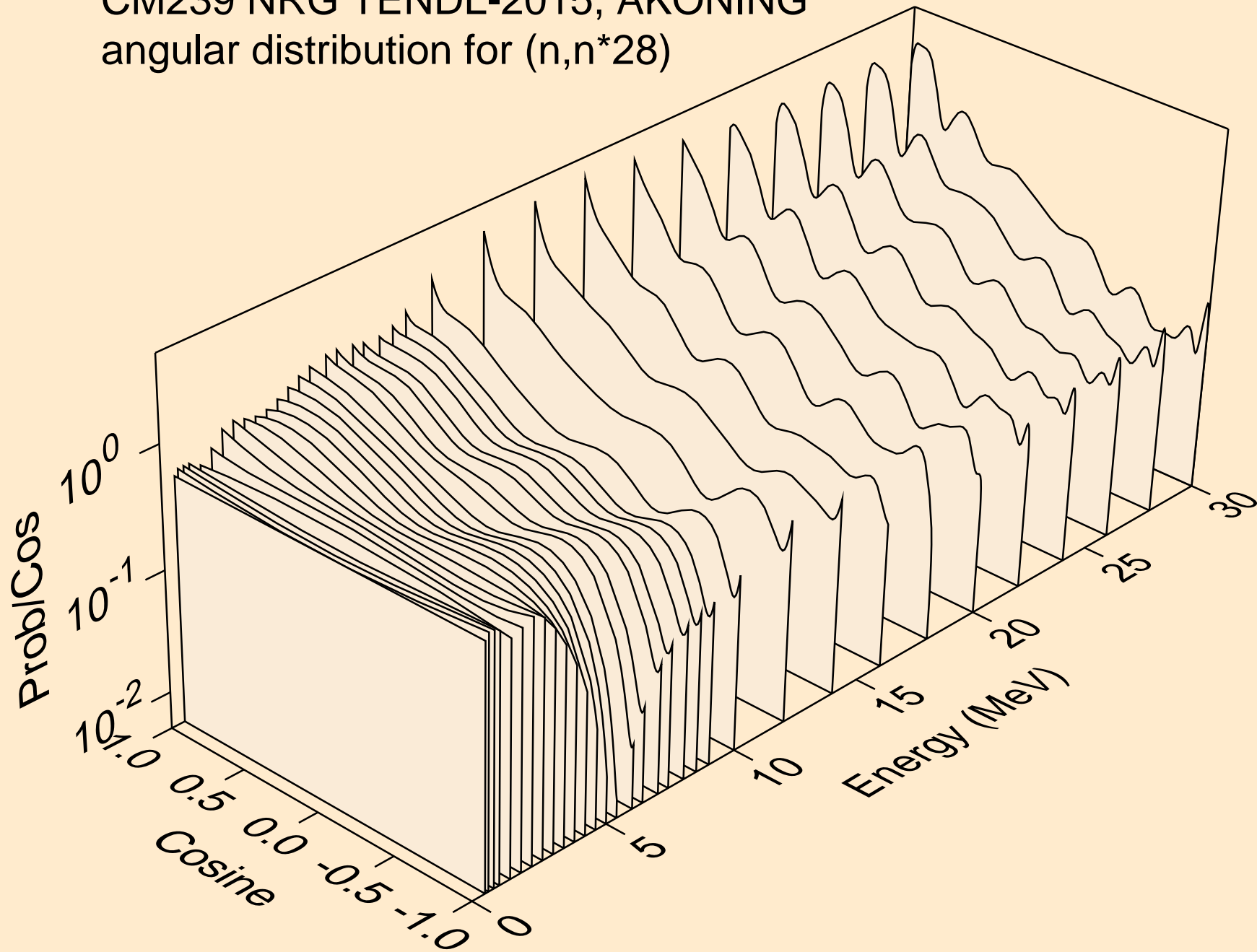
CM239 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



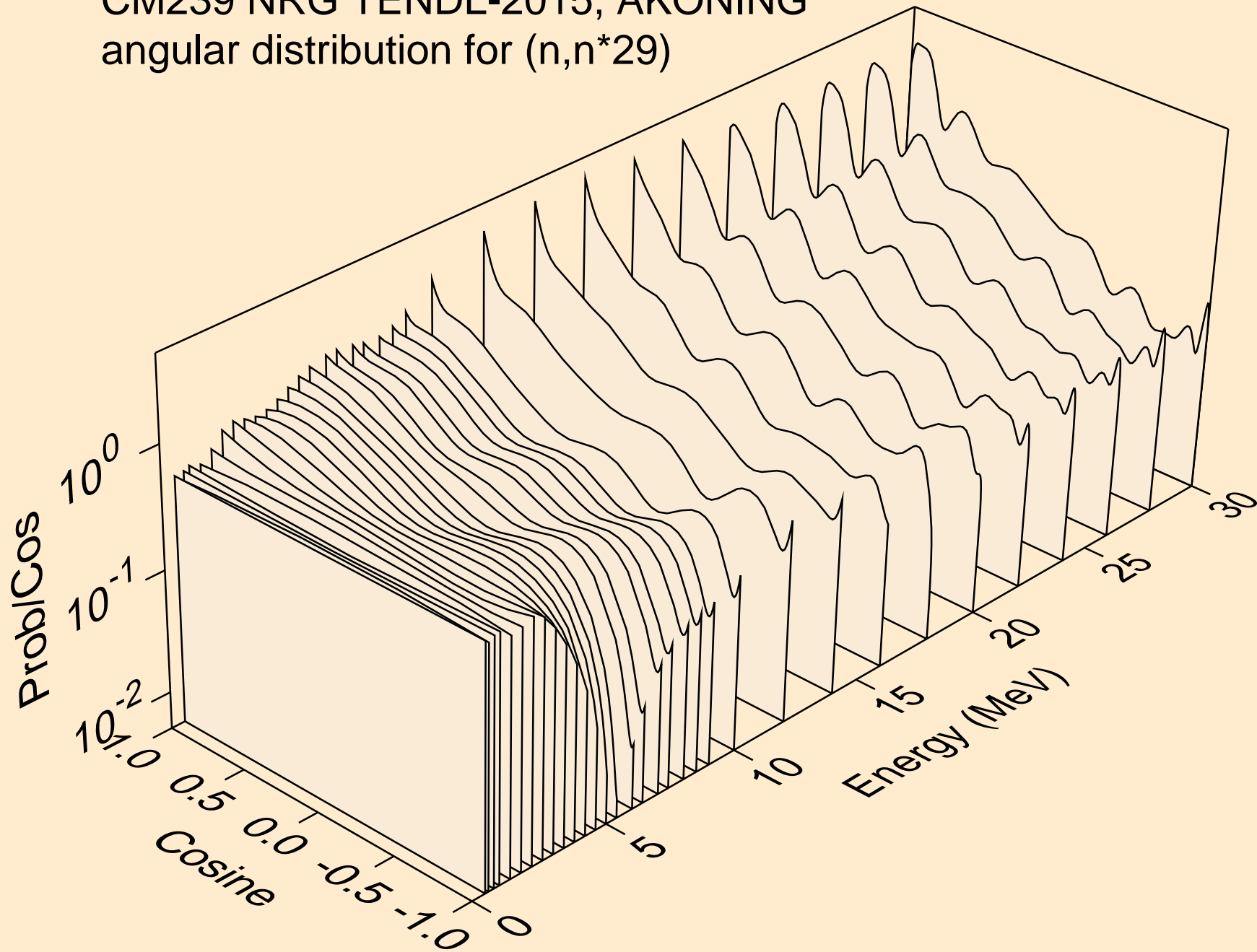
CM239 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



CM239 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)

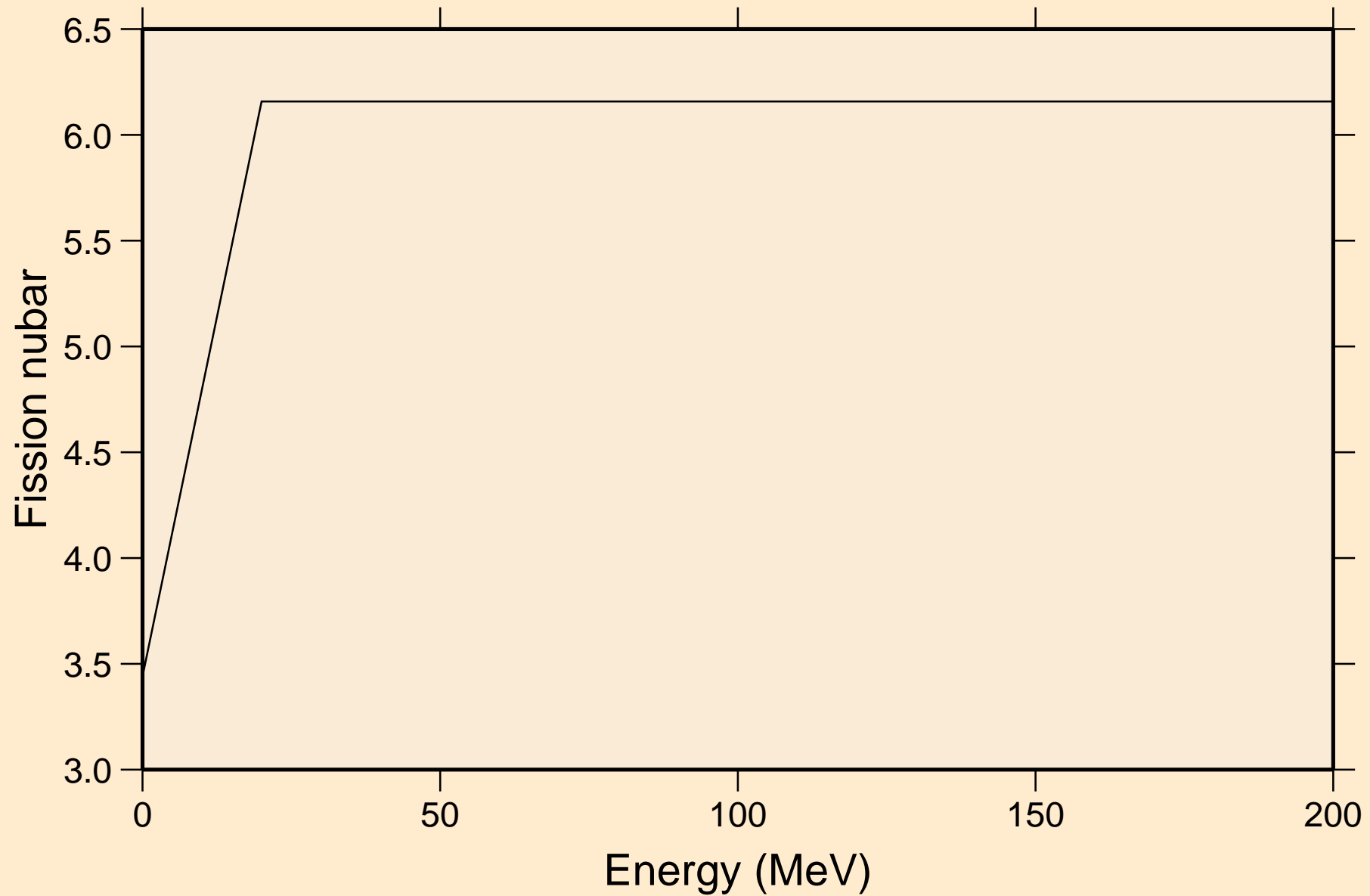


CM239 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)



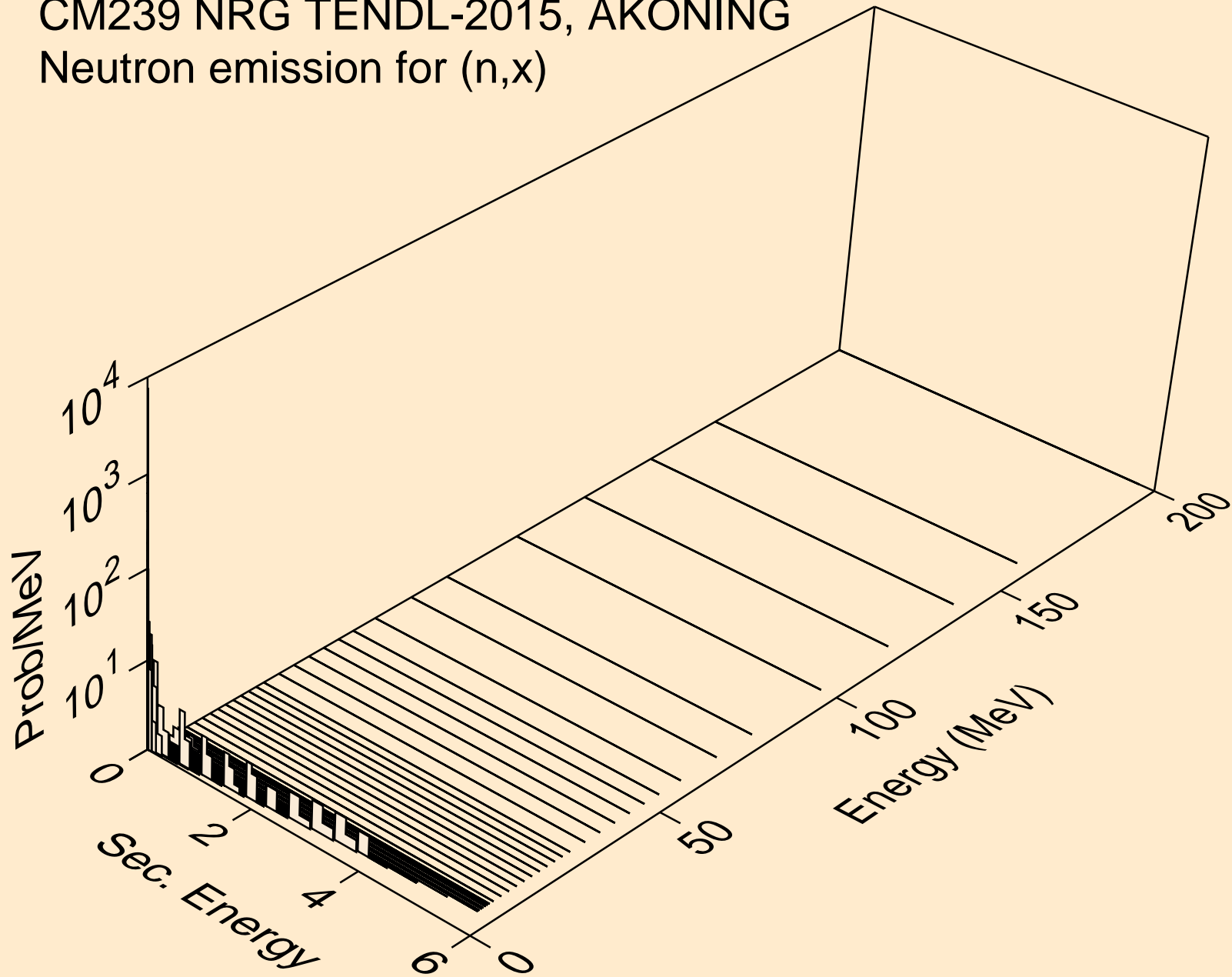
# CM239 NRG TENDL-2015, AKONING

Total fission nubar

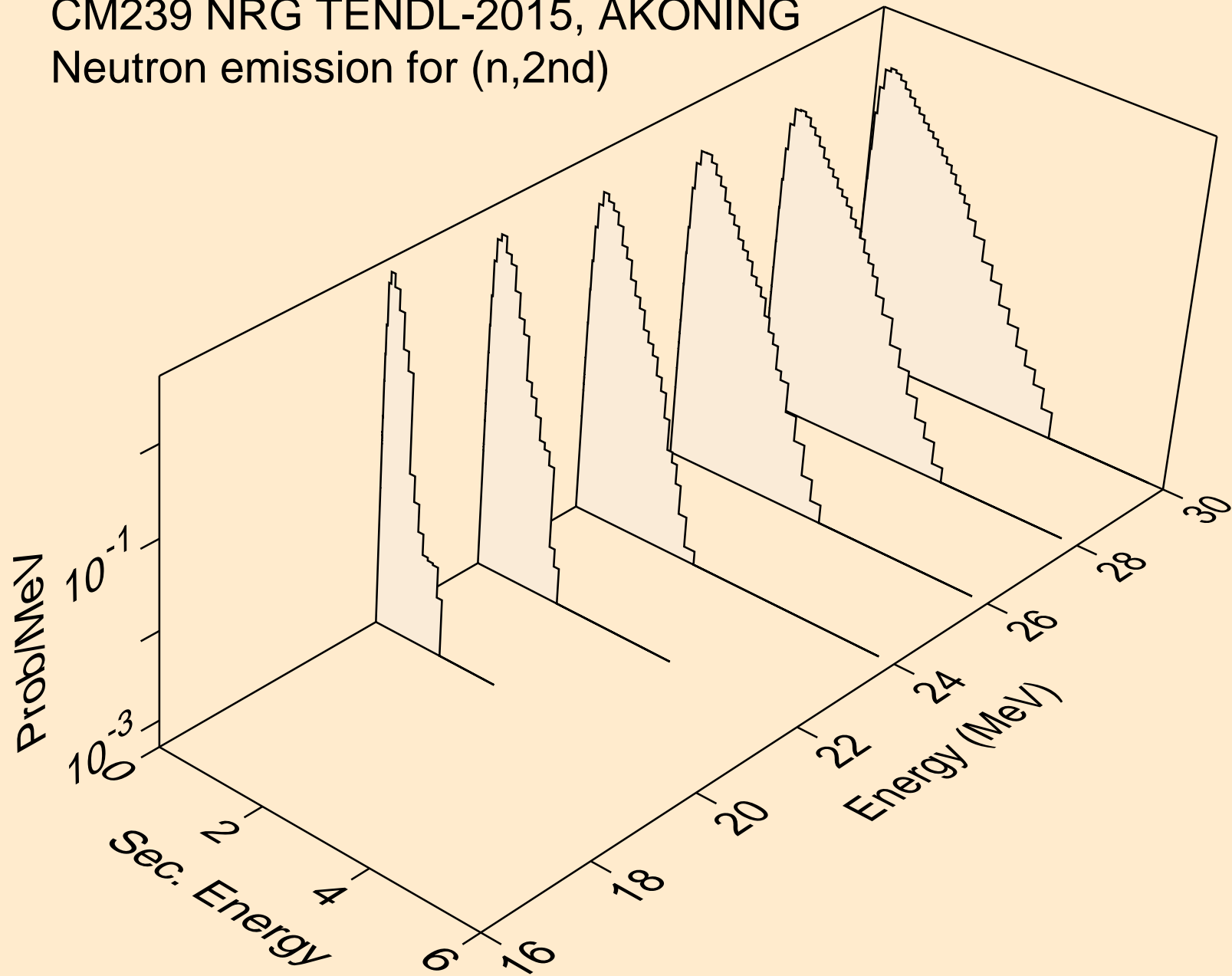




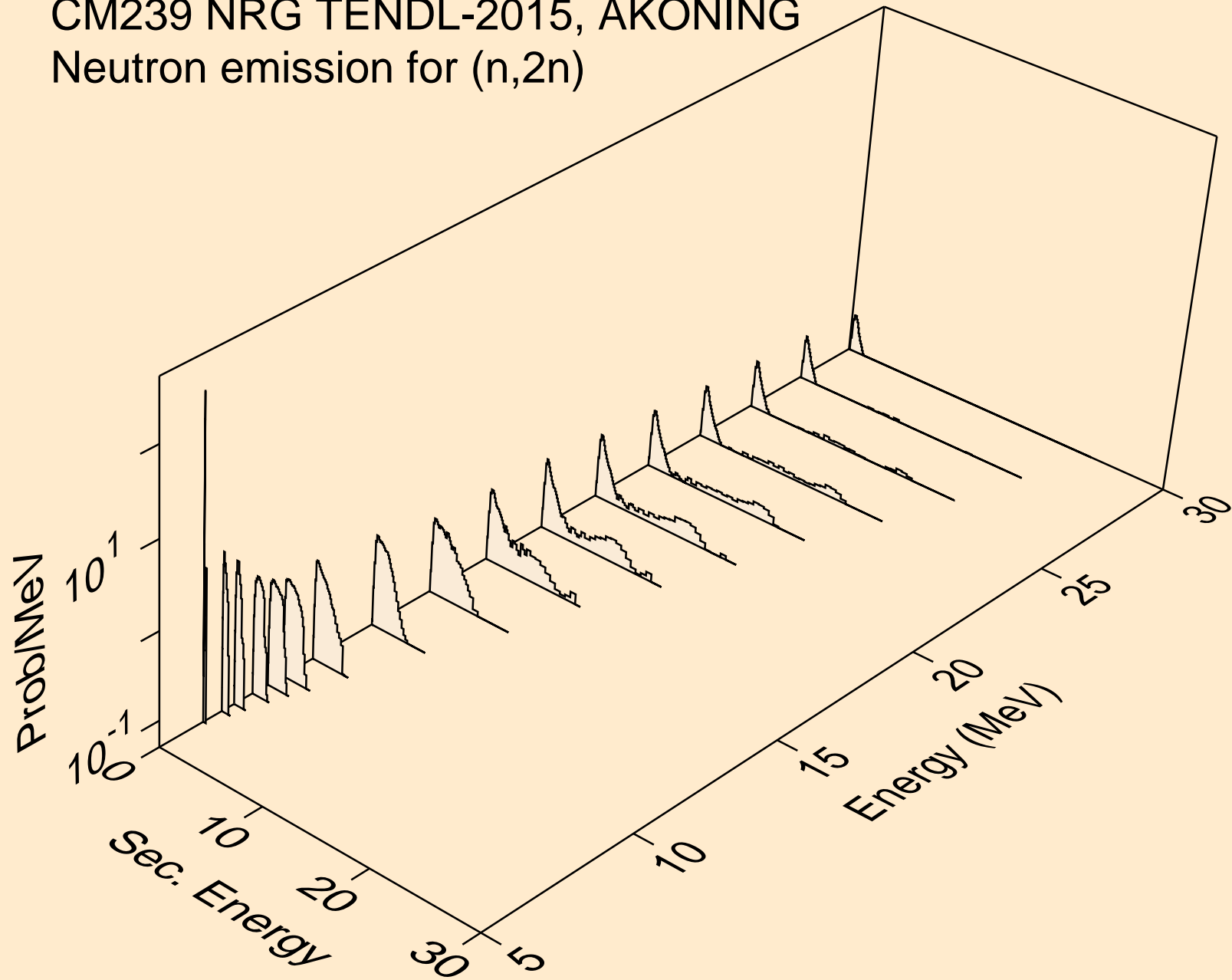
CM239 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



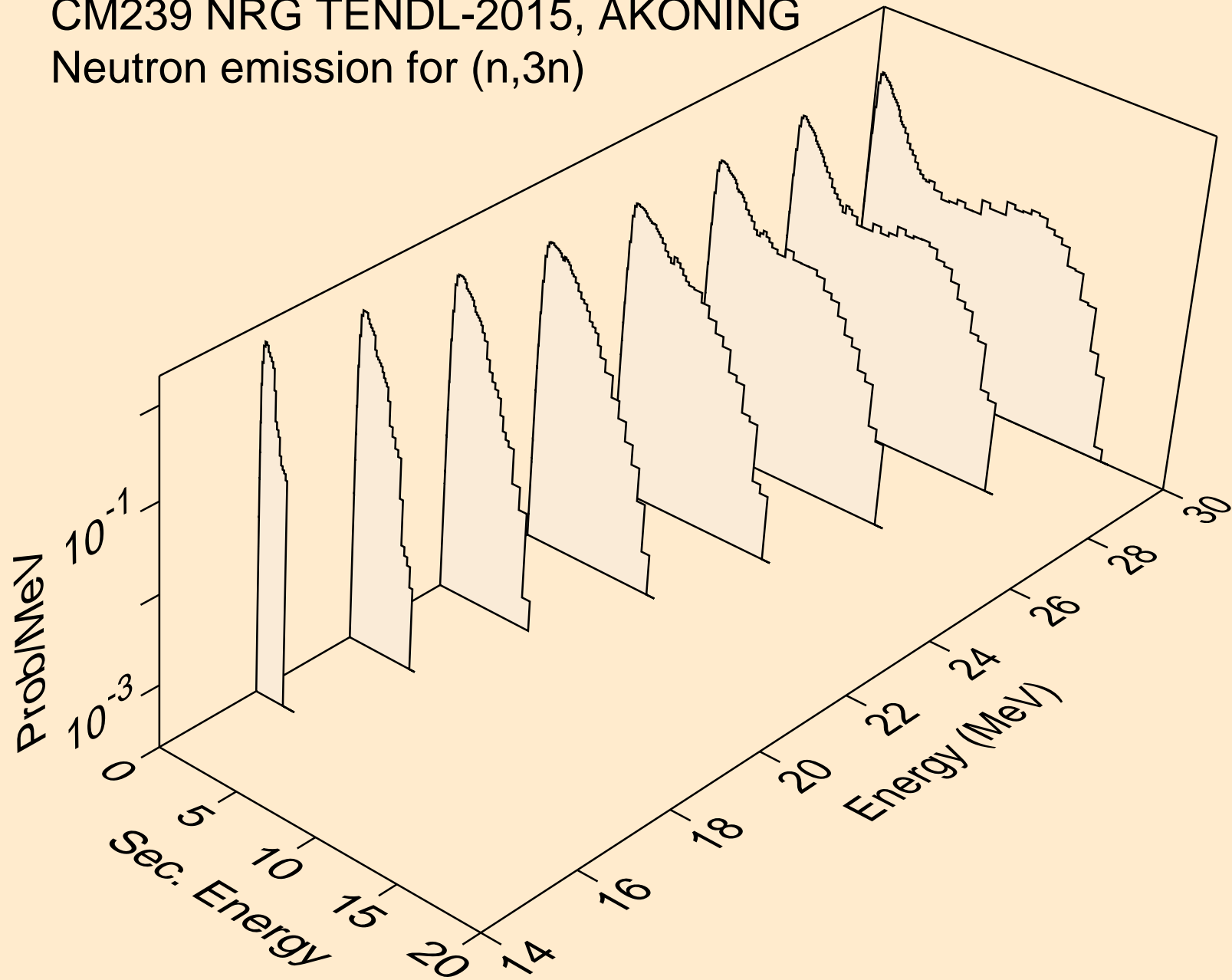
CM239 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



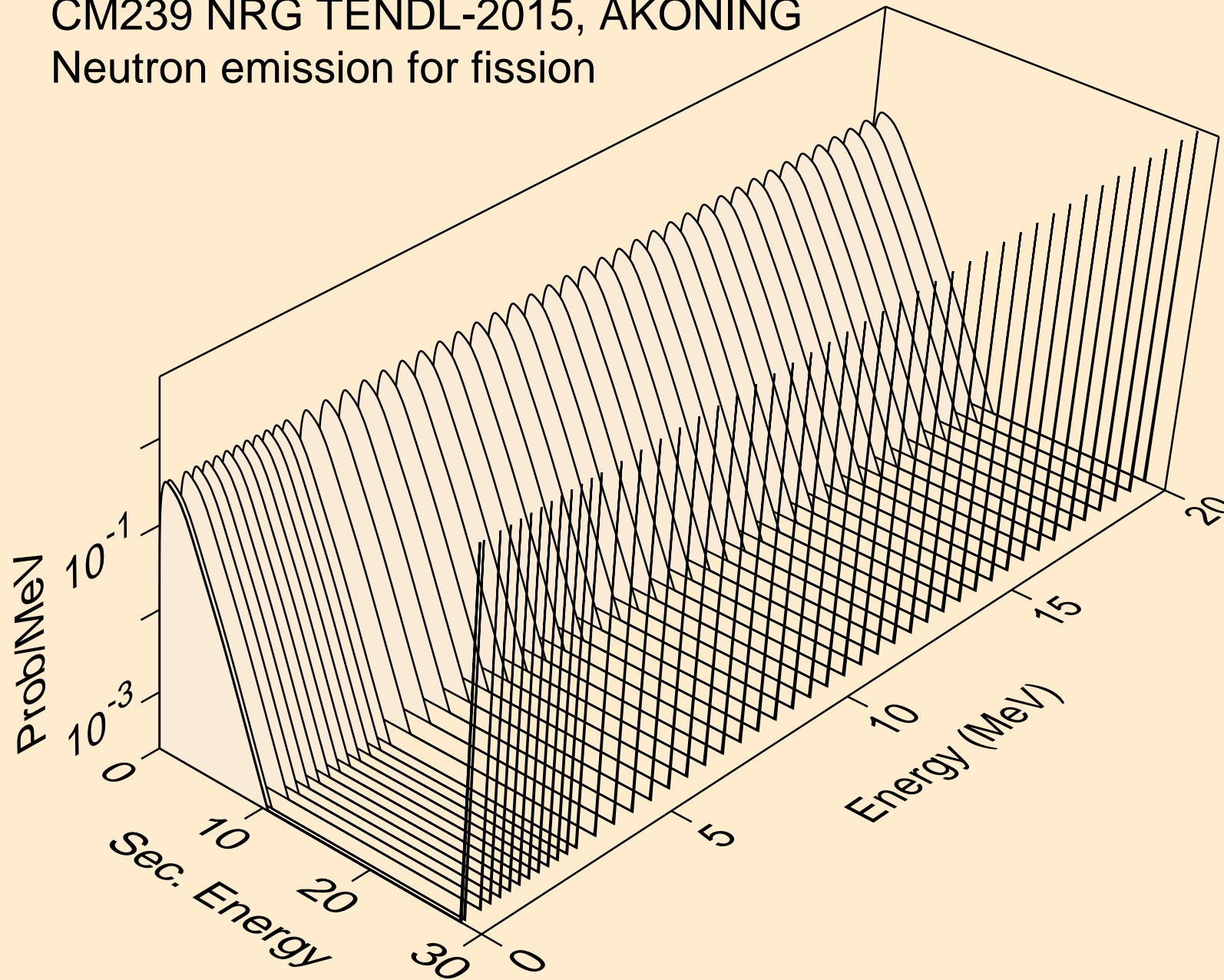
CM239 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



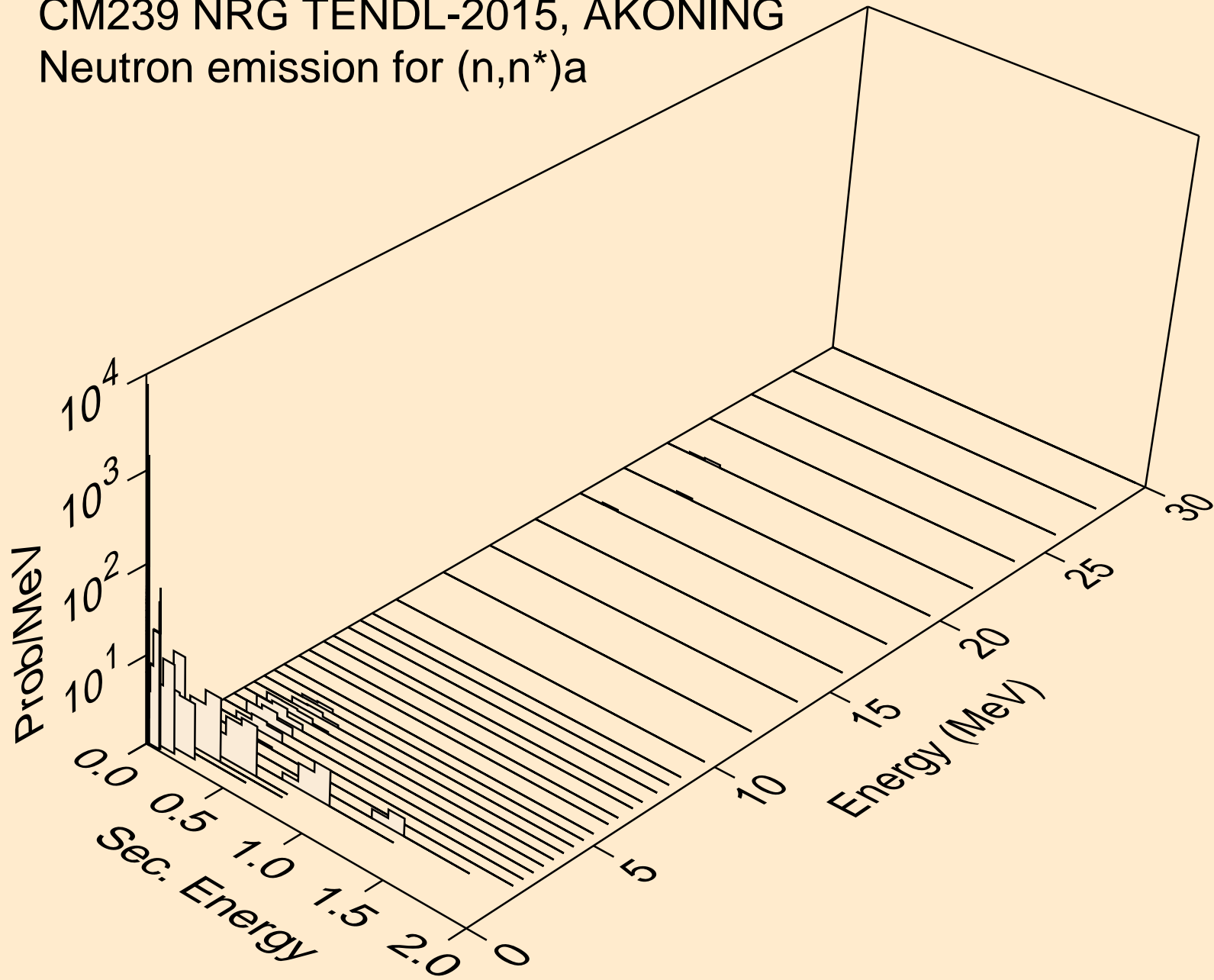
CM239 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



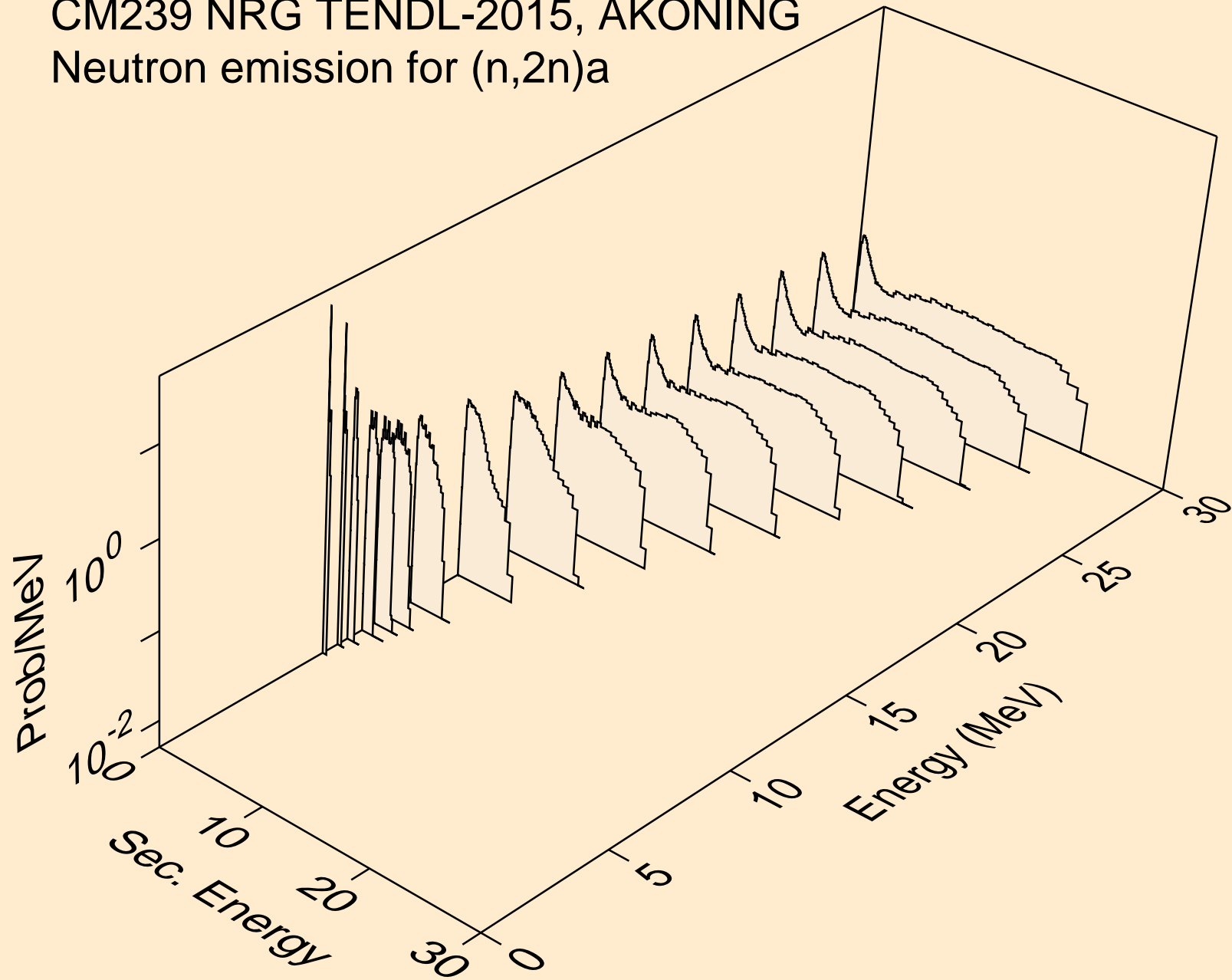
CM239 NRG TENDL-2015, AKONING  
Neutron emission for fission



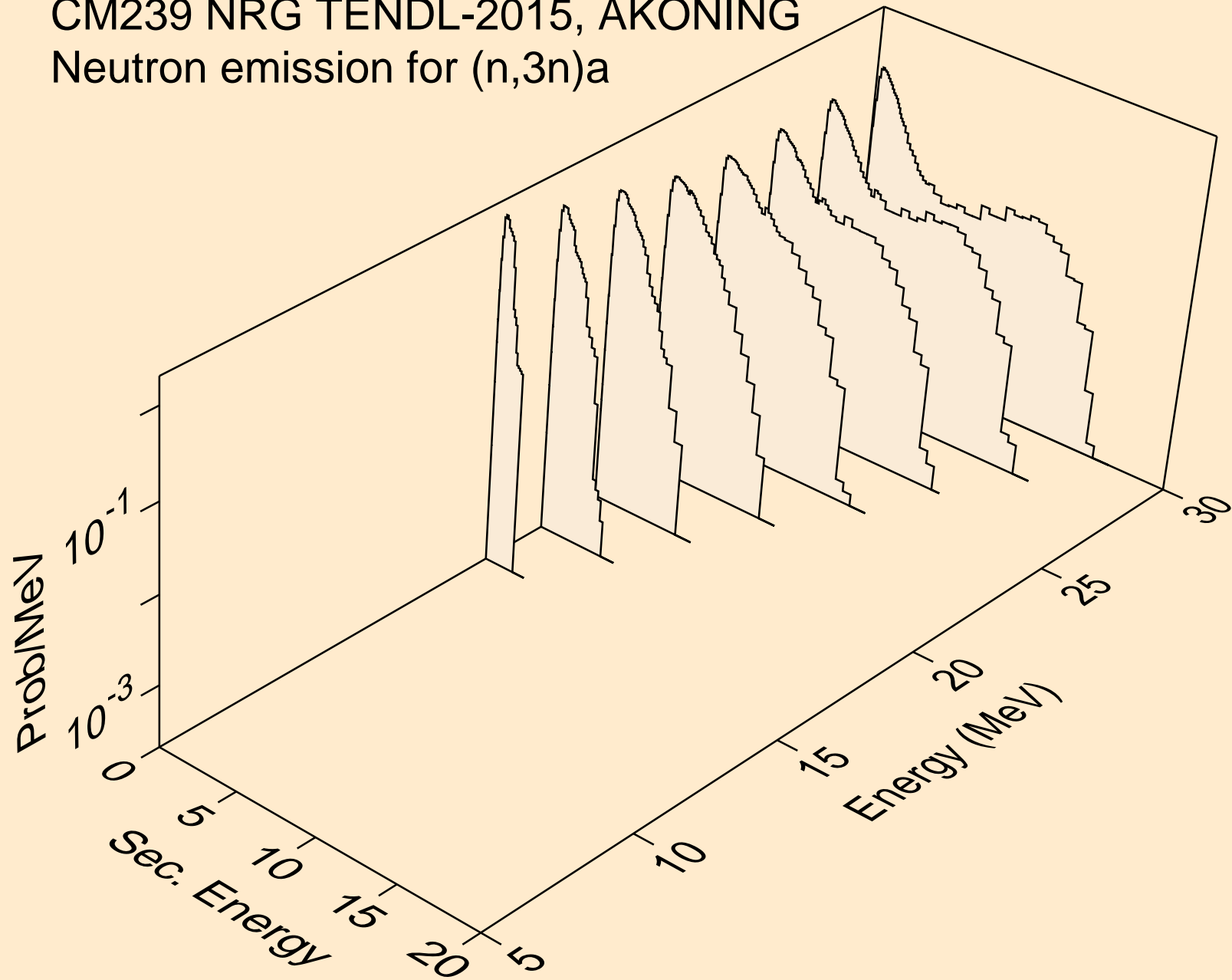
CM239 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



CM239 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a

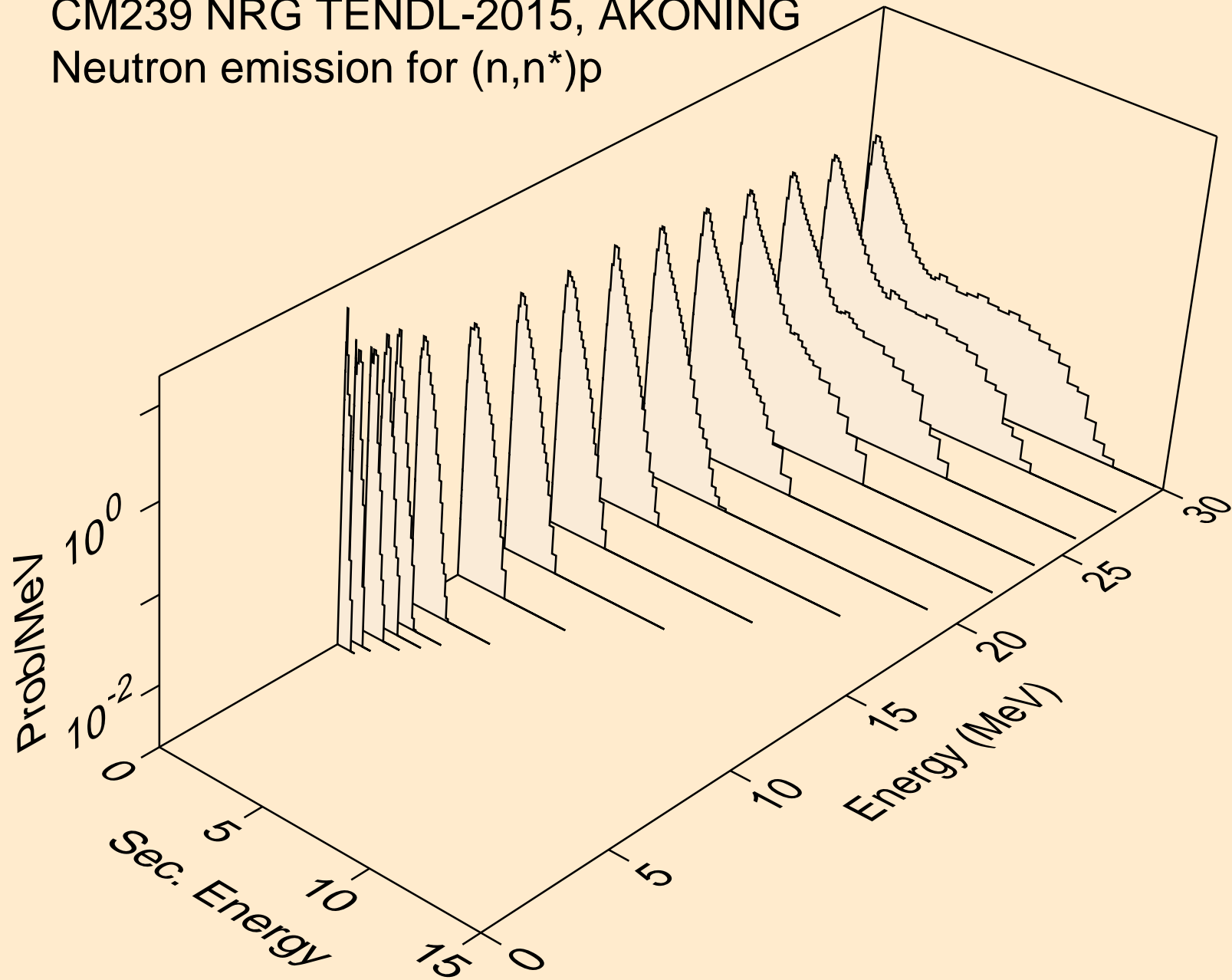


CM239 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

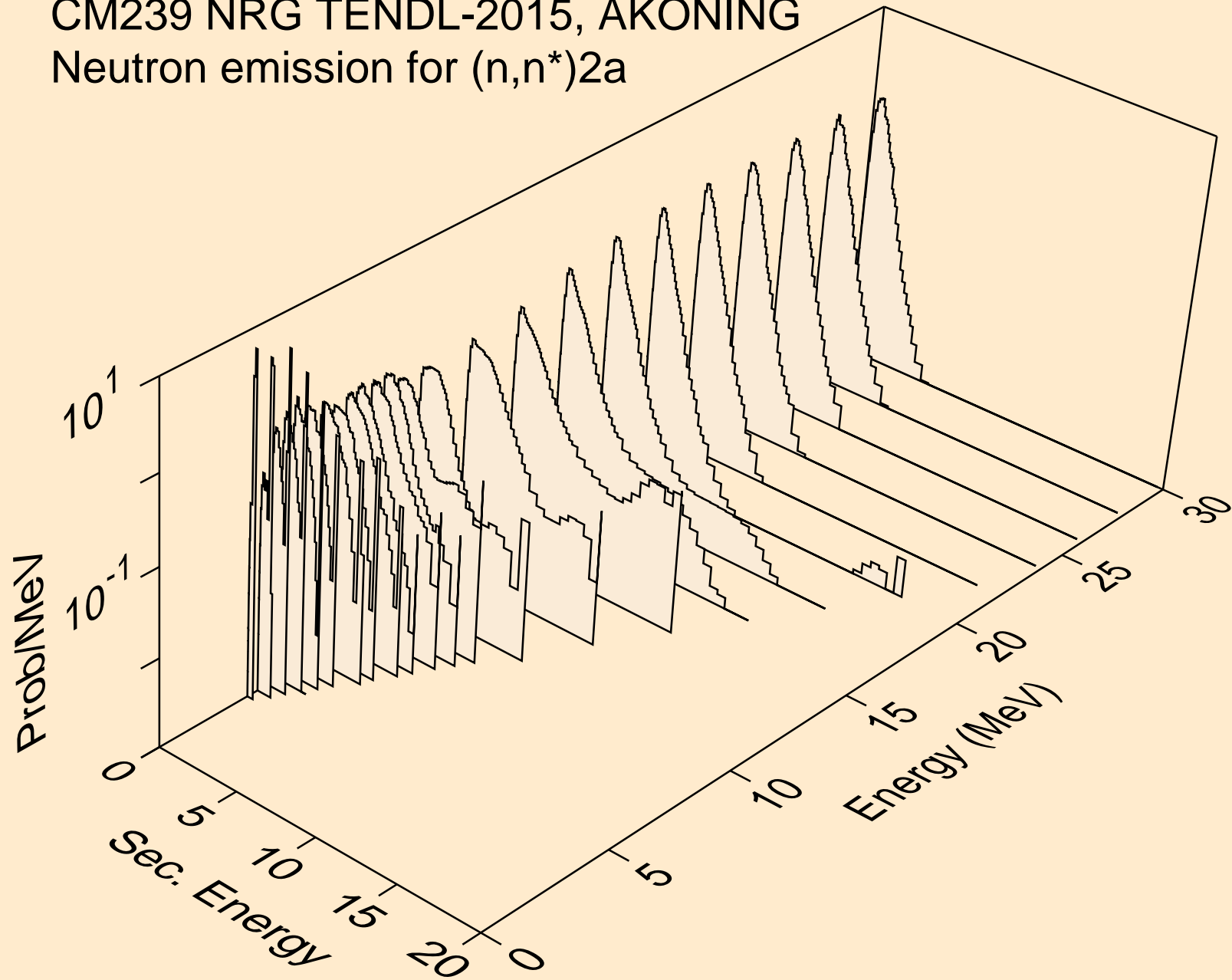




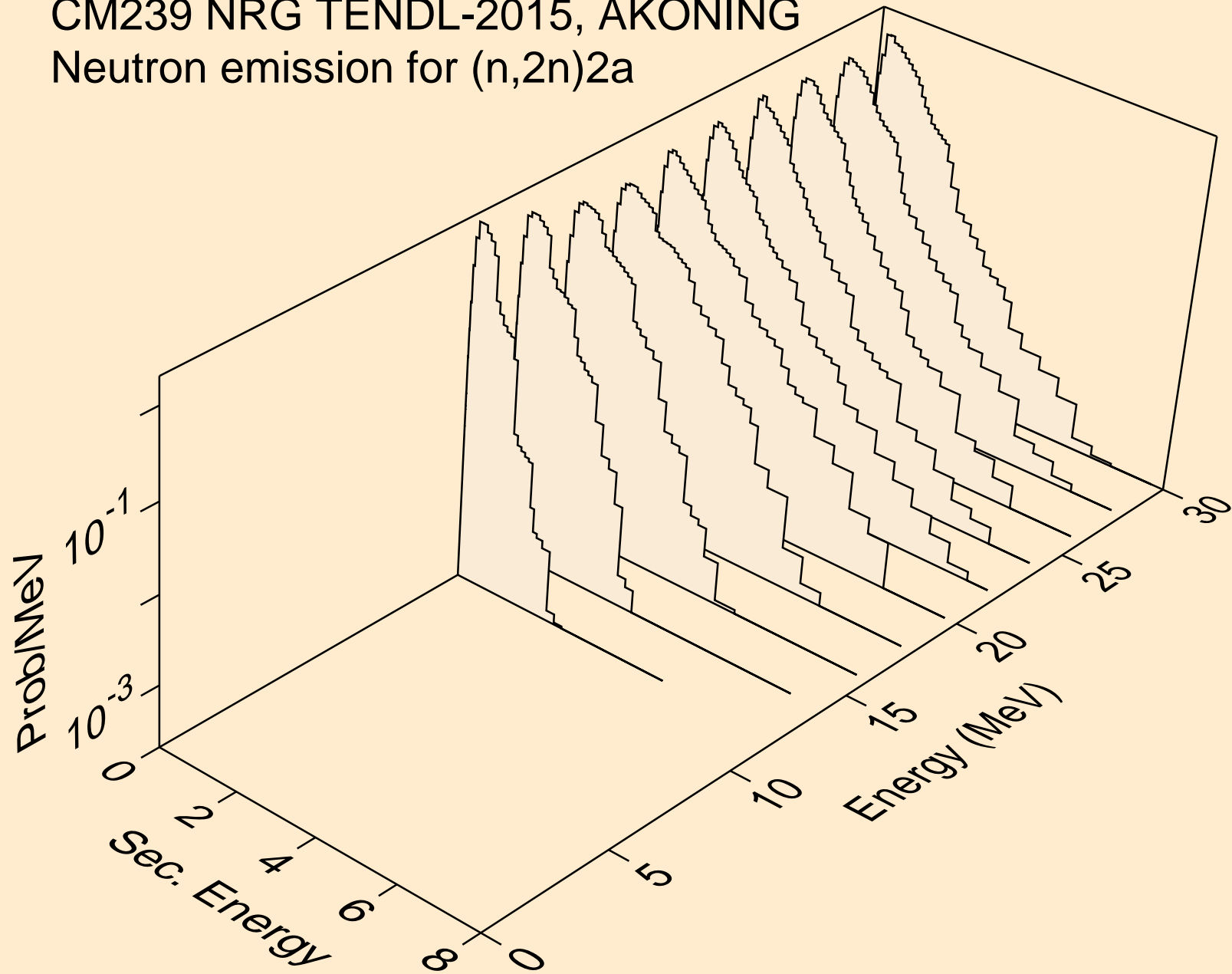
CM239 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



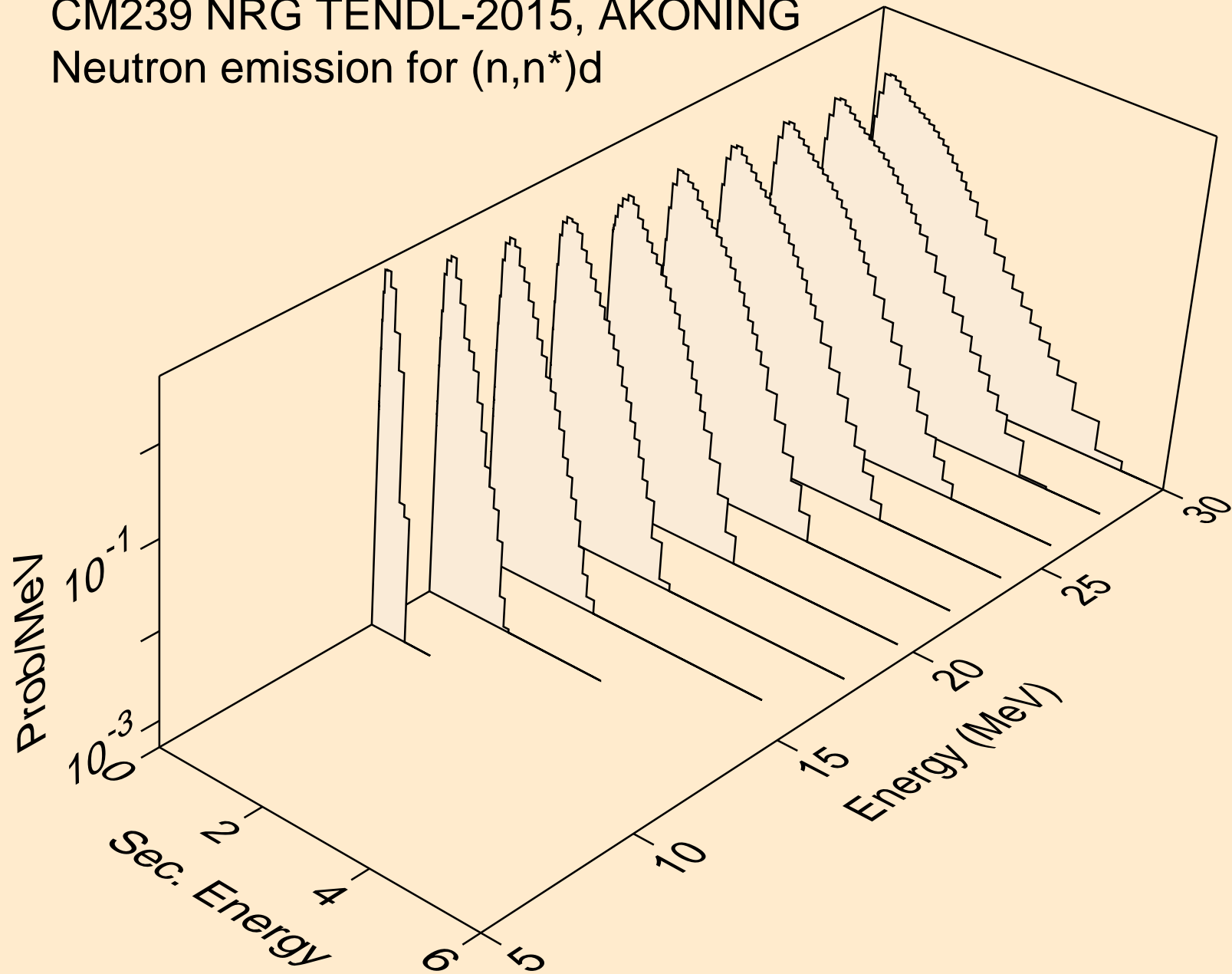
CM239 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



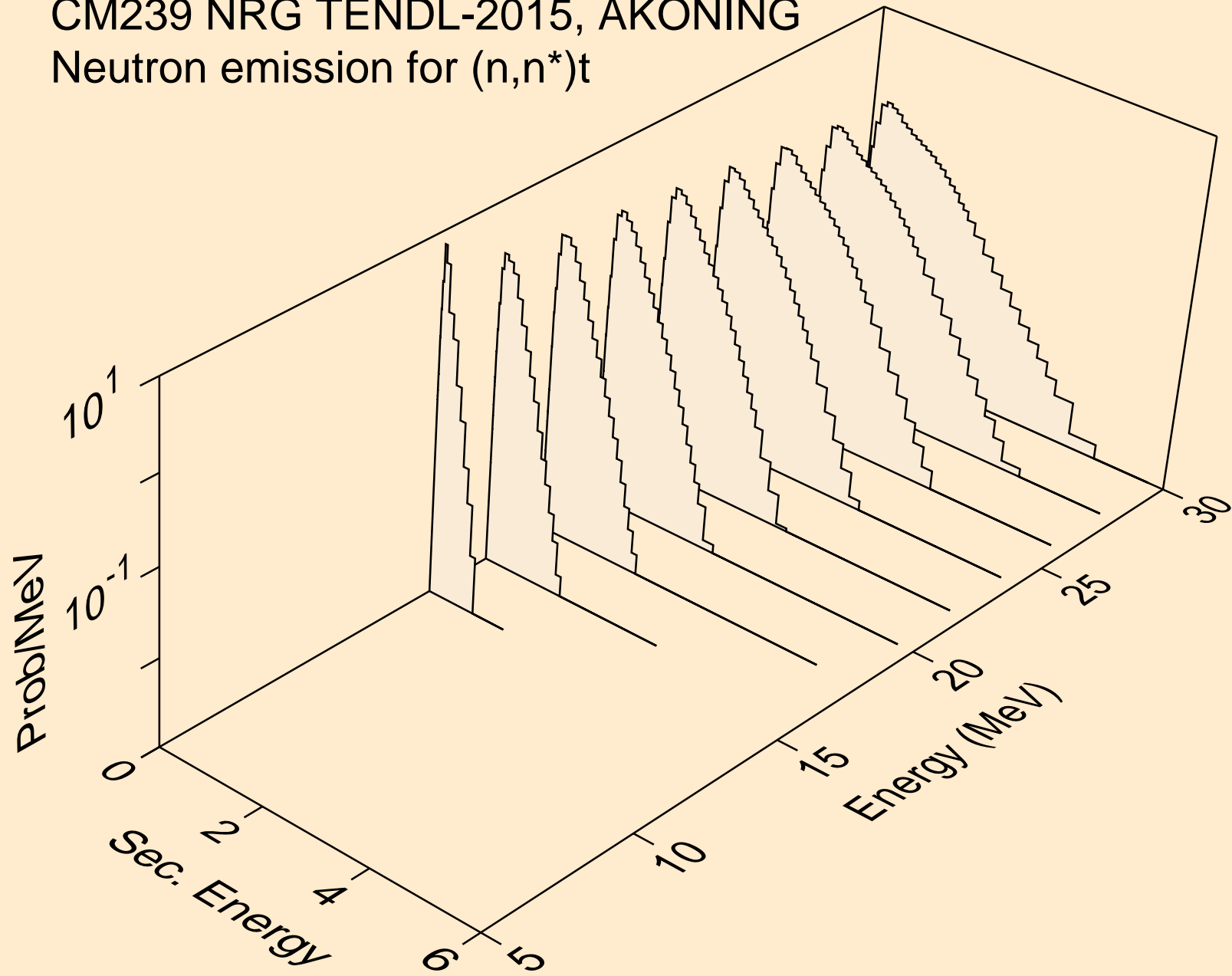
CM239 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



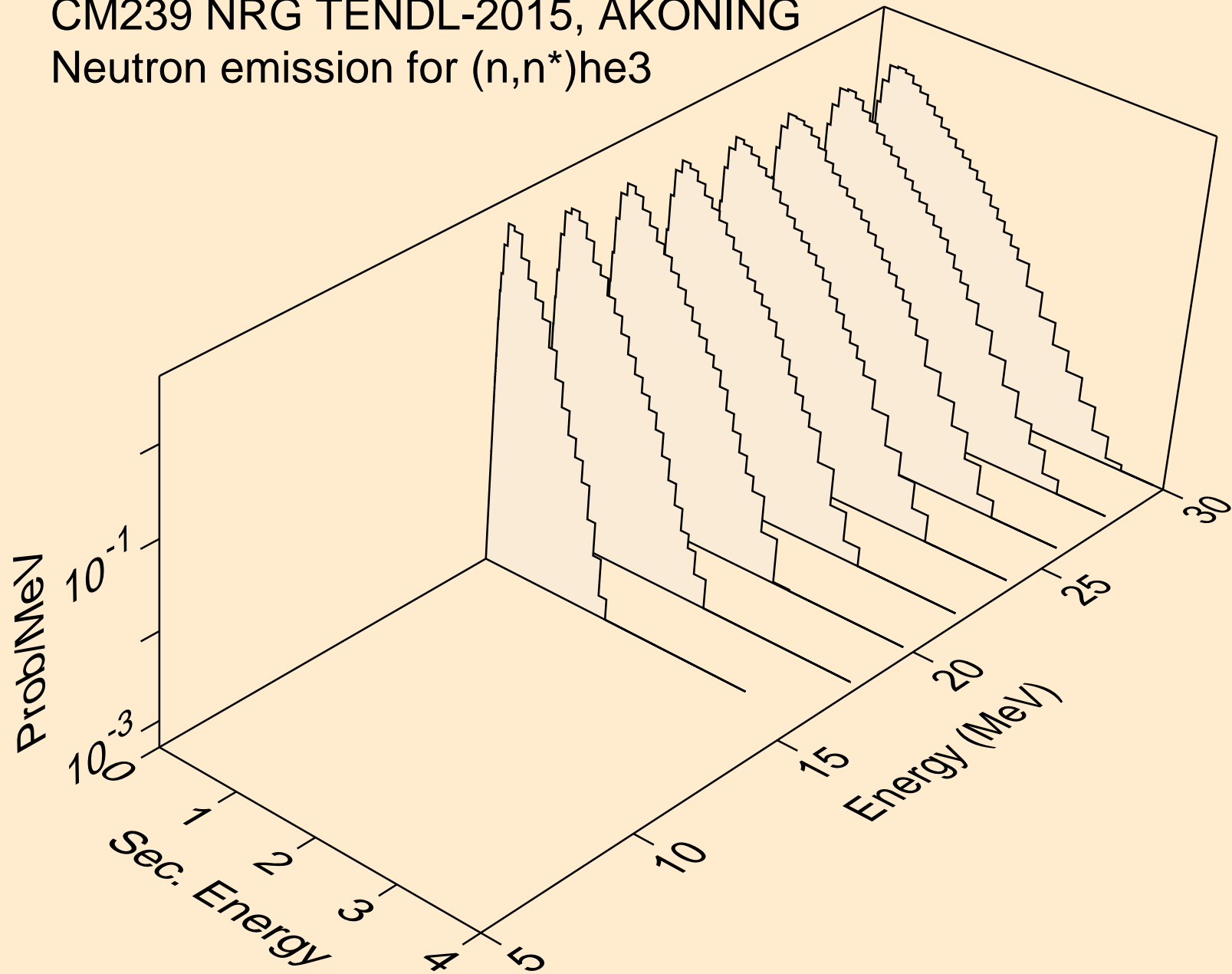
CM239 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



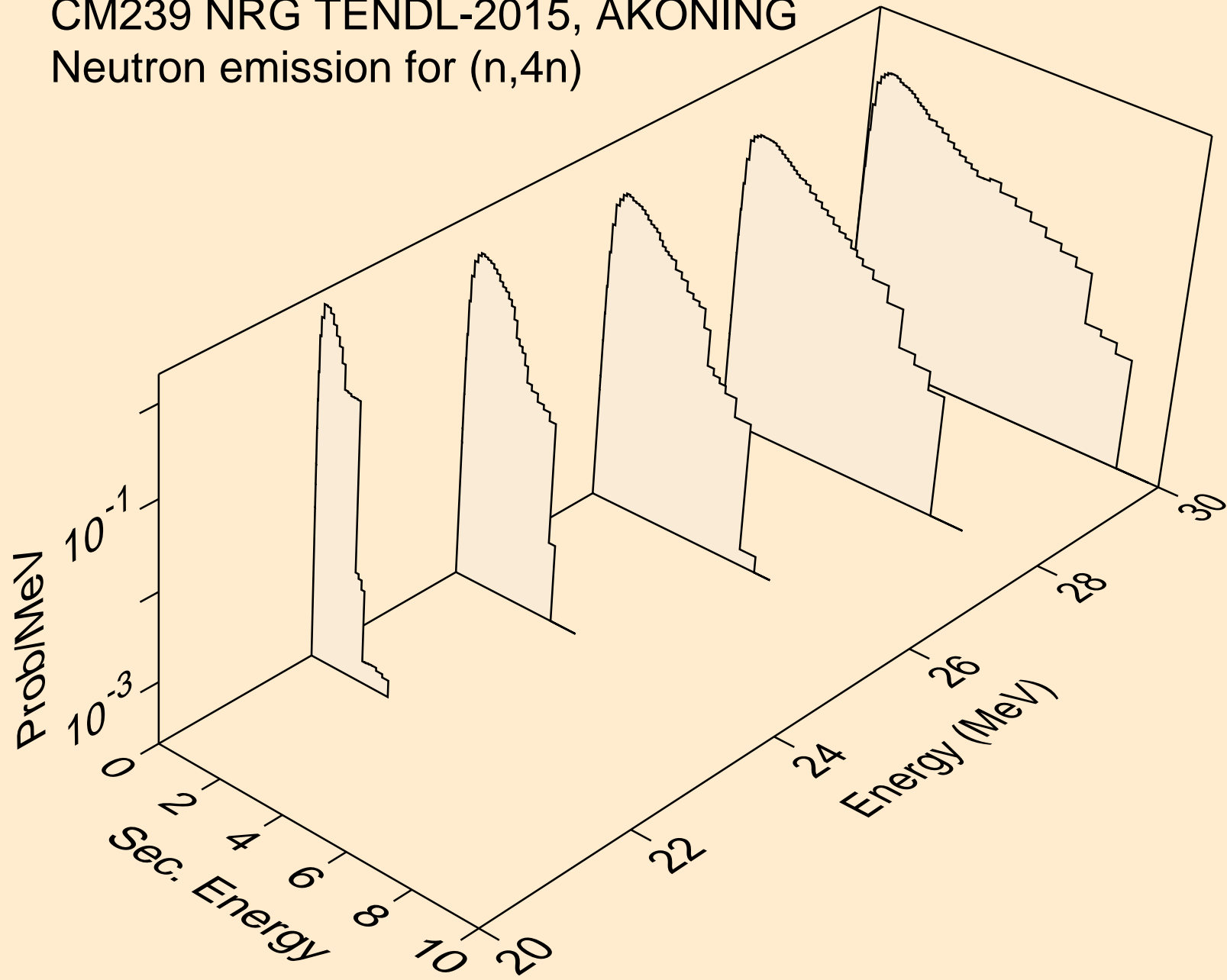
CM239 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



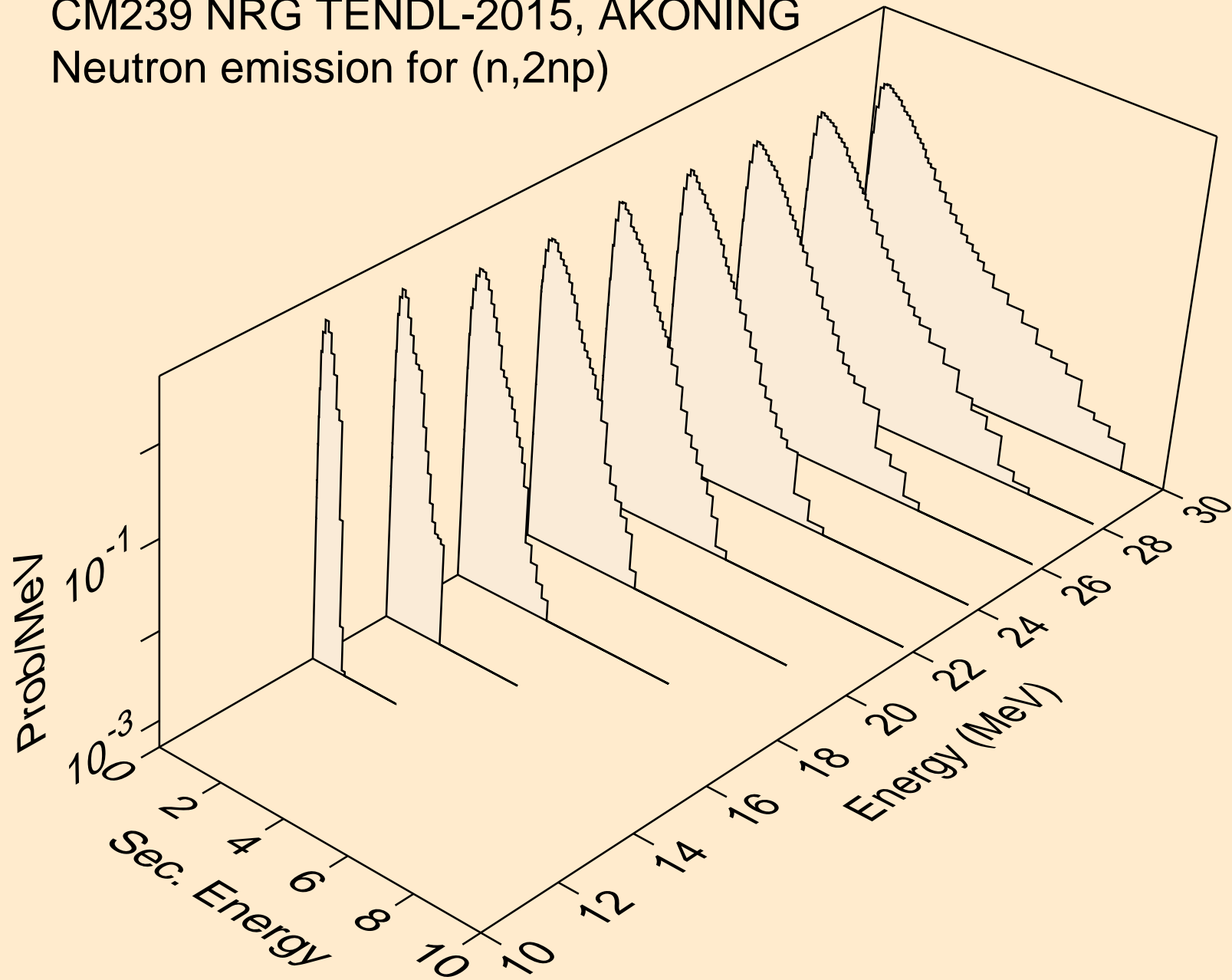
CM239 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



CM239 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)

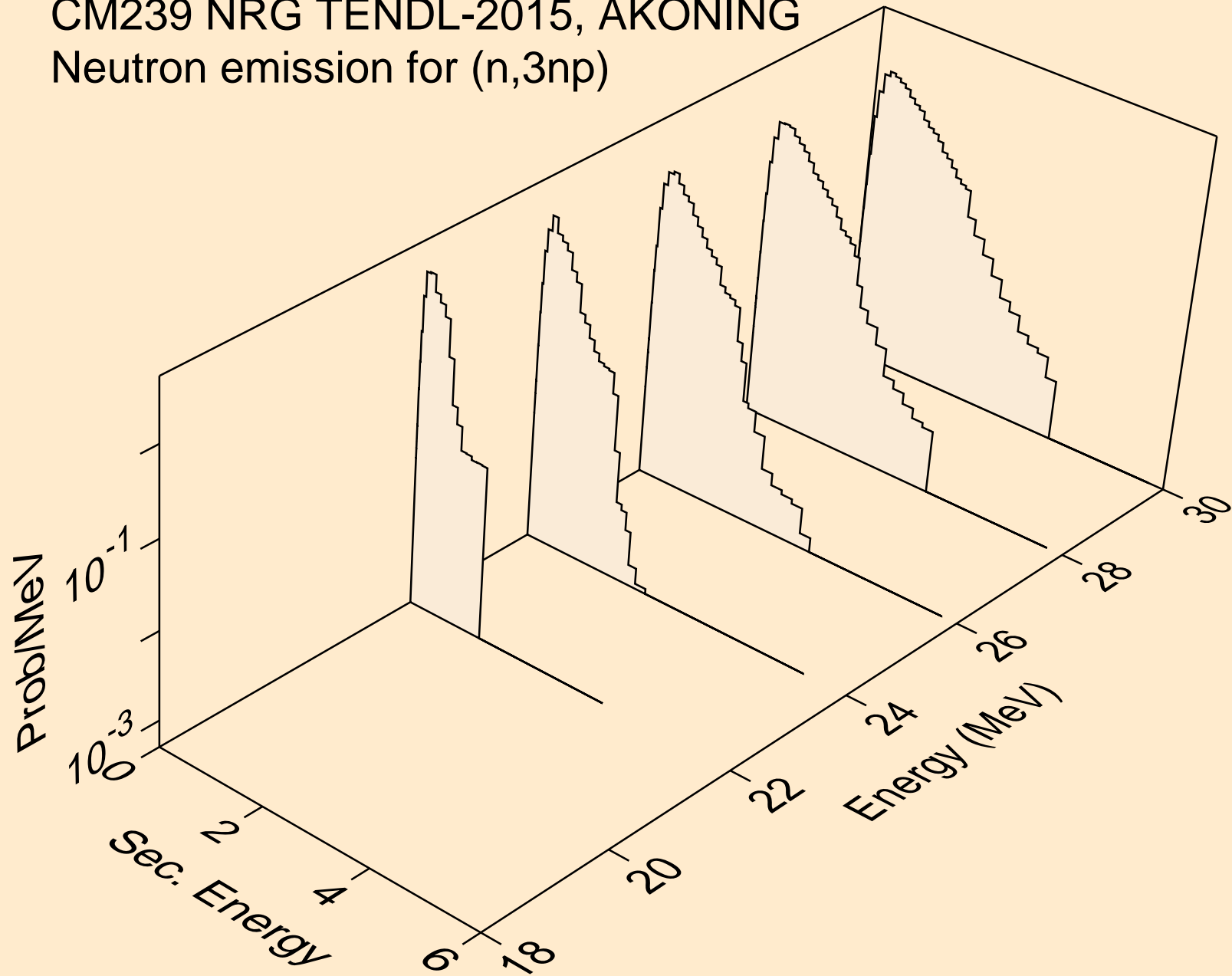


CM239 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

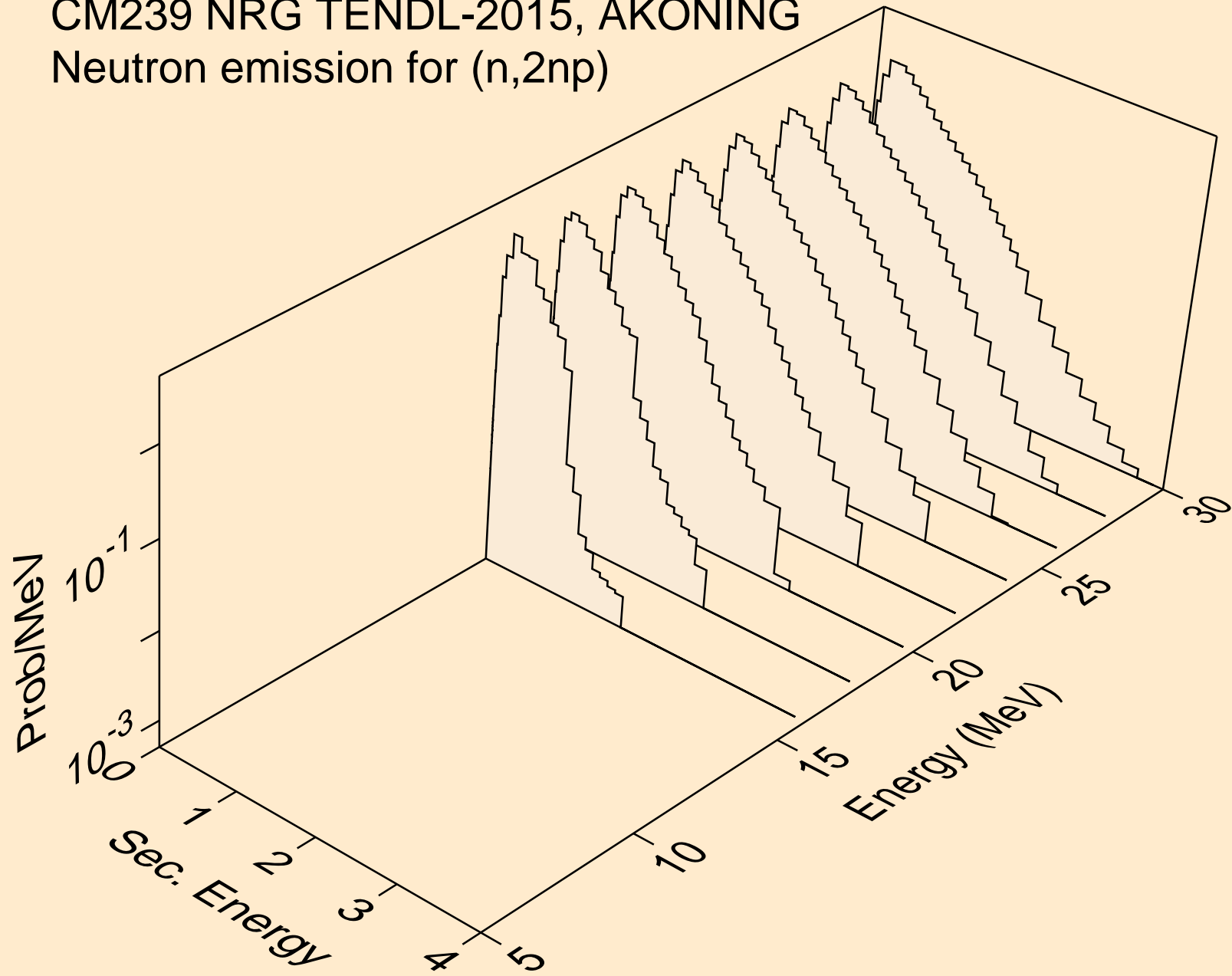




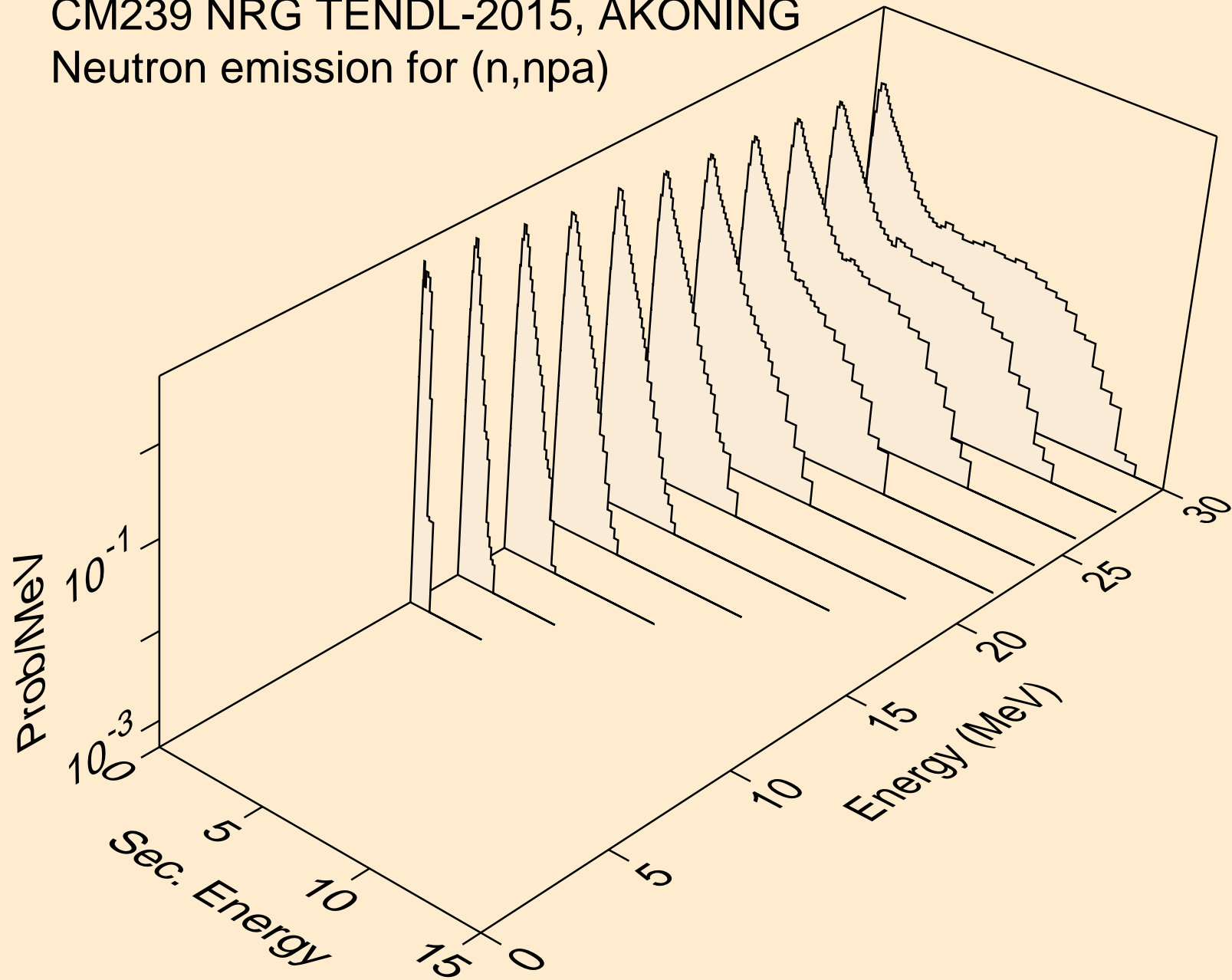
CM239 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



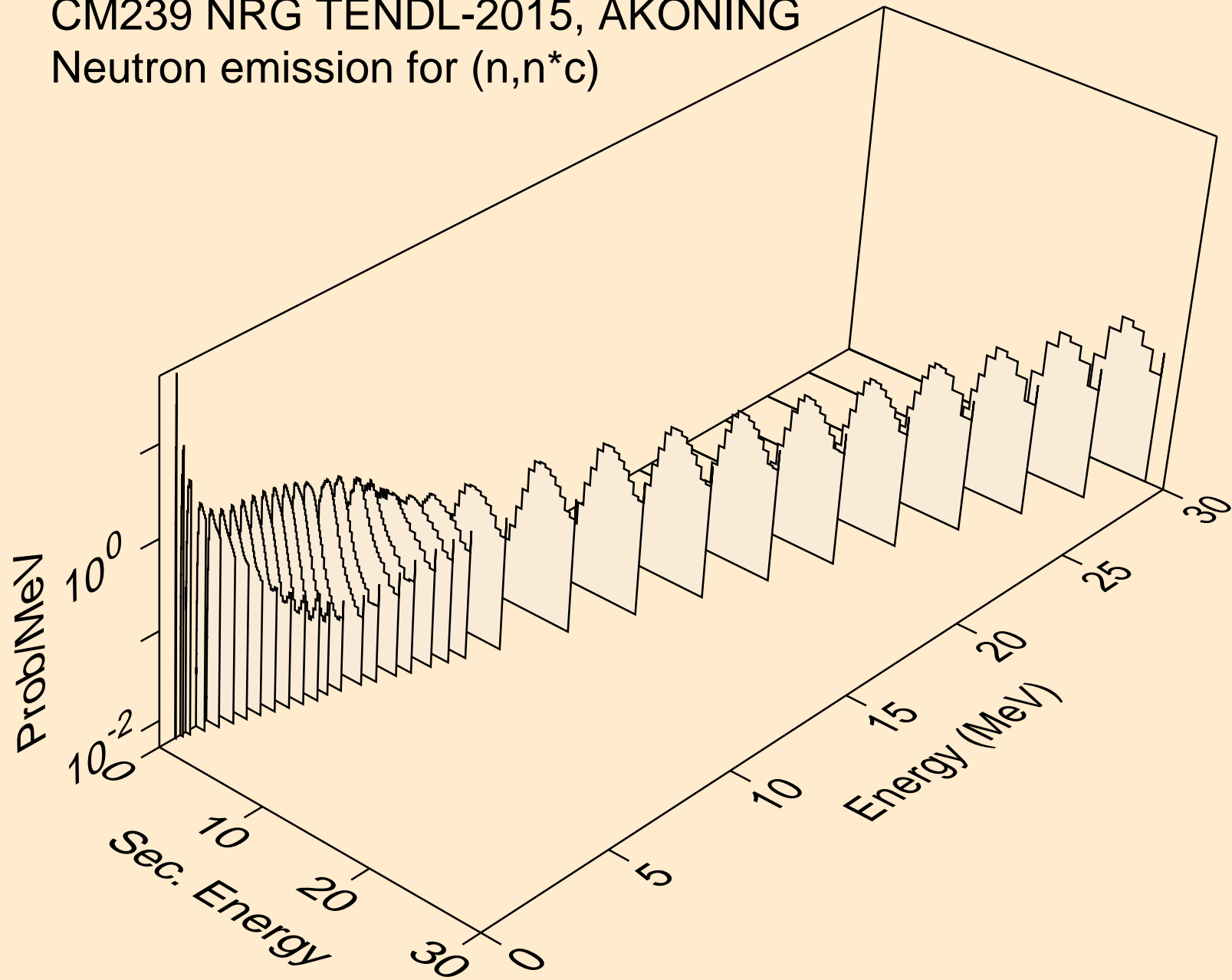
CM239 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



CM239 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

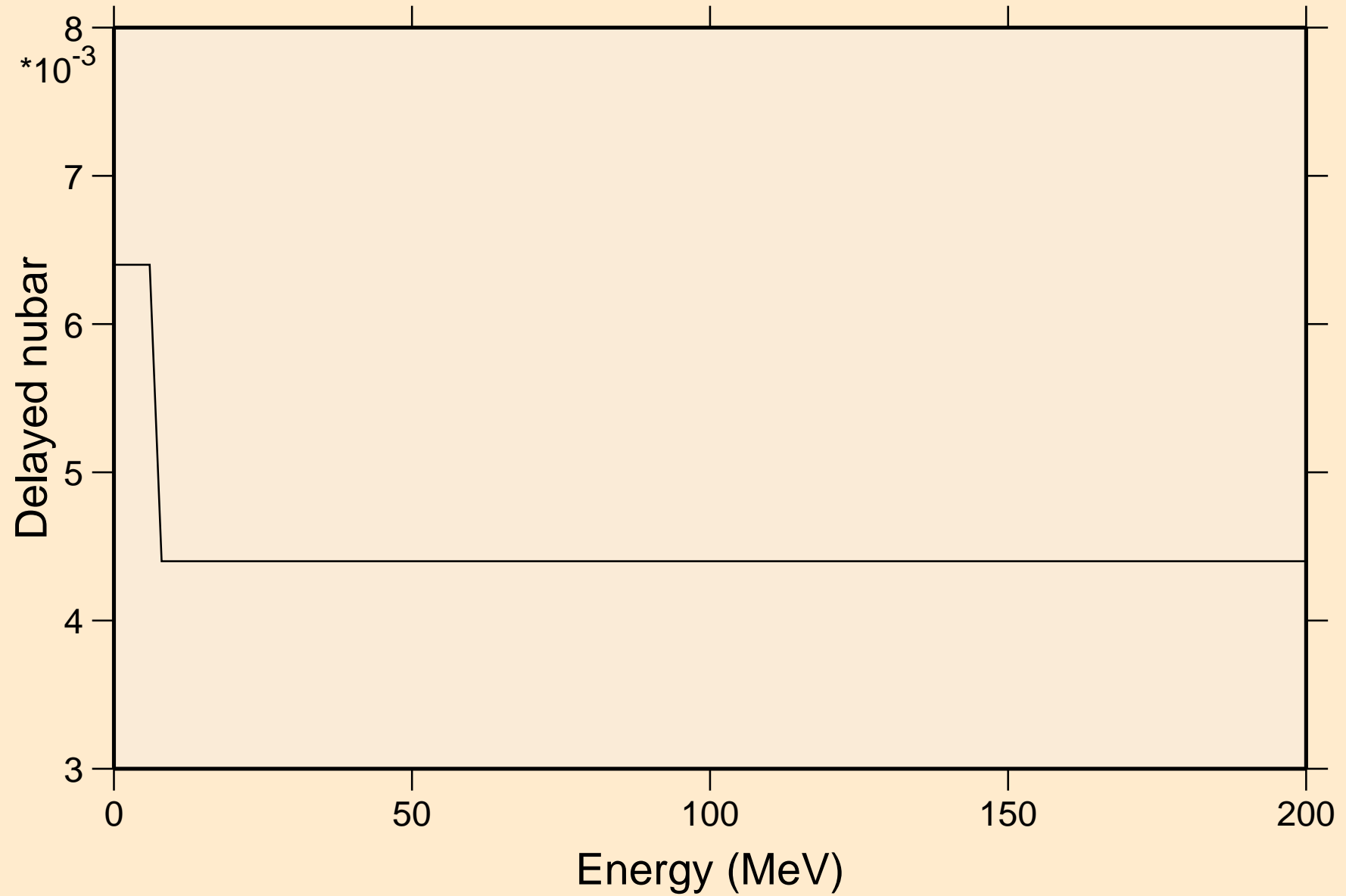


CM239 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



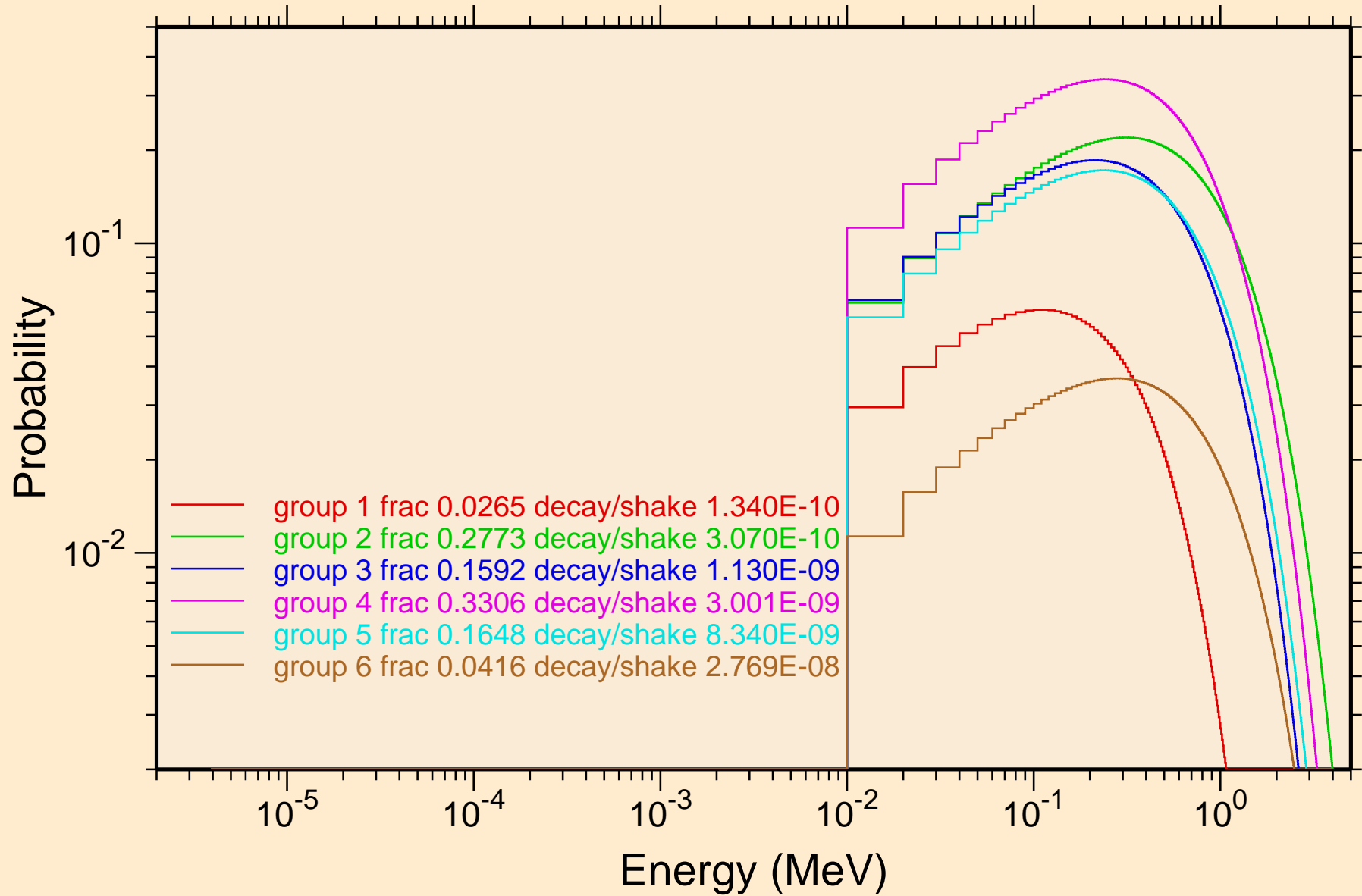
# CM239 NRG TENDL-2015, AKONING

Delayed nubar

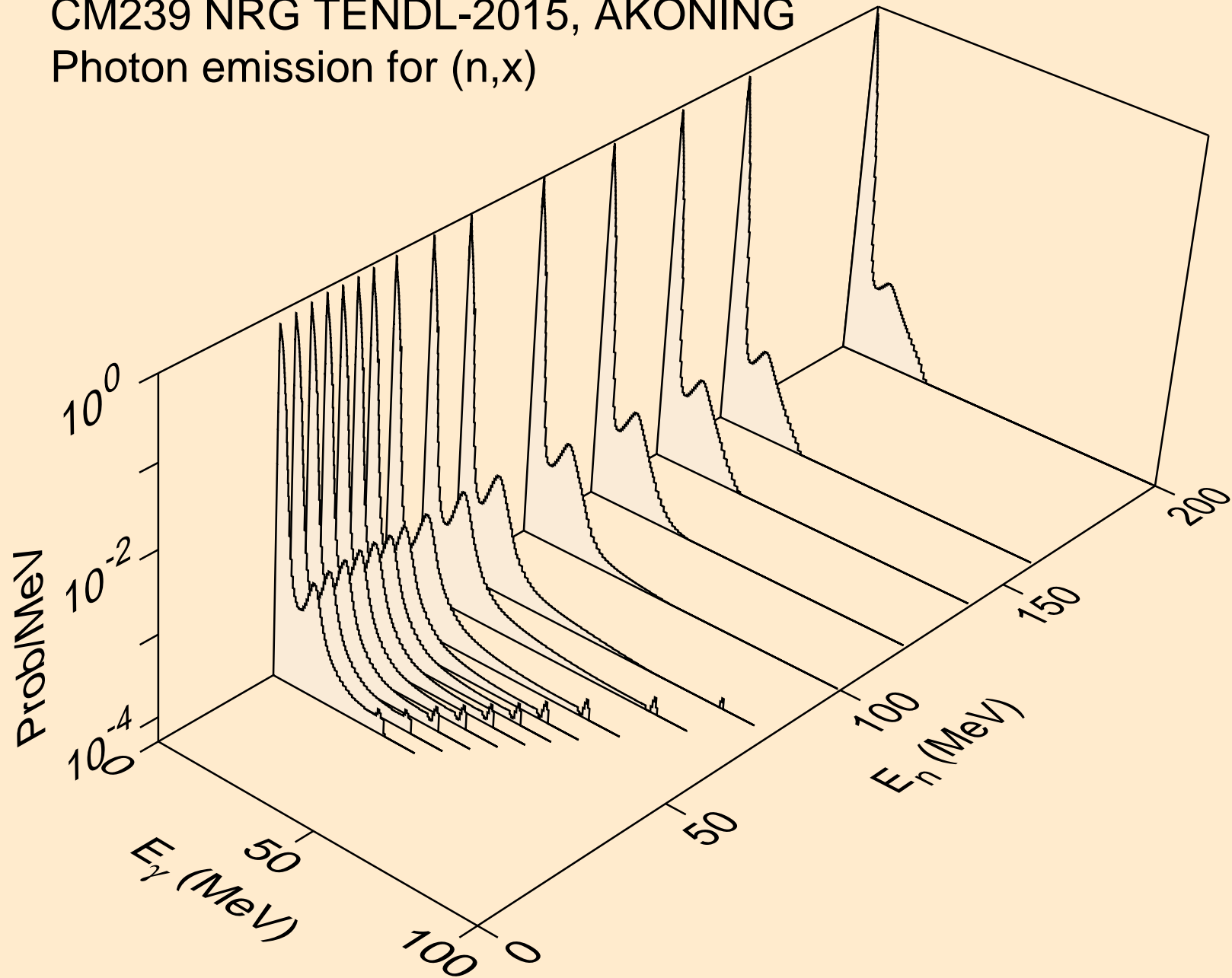


# CM239 NRG TENDL-2015, AKONING

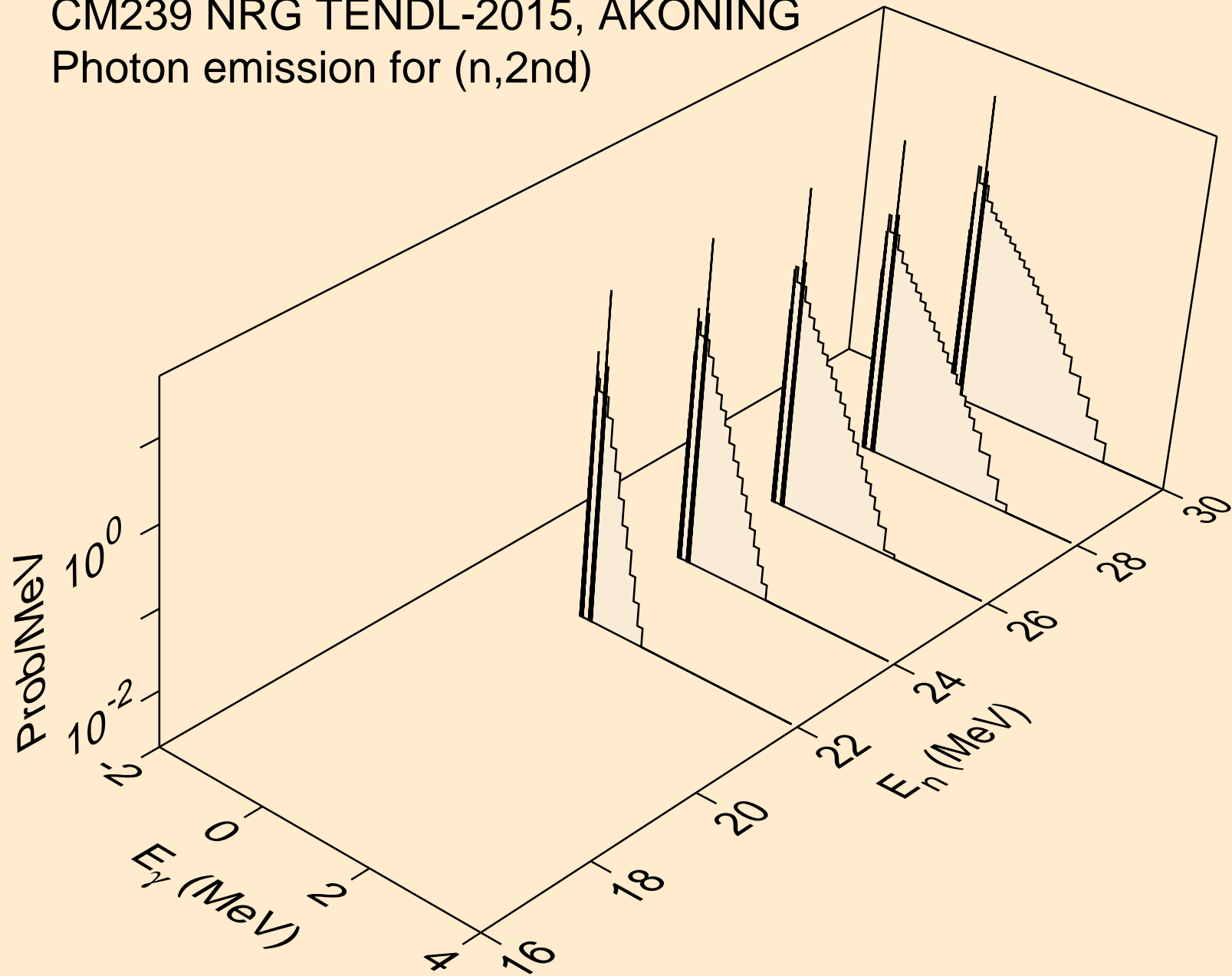
## Delayed neutron spectra



CM239 NRG TENDL-2015, AKONING  
Photon emission for (n,x)

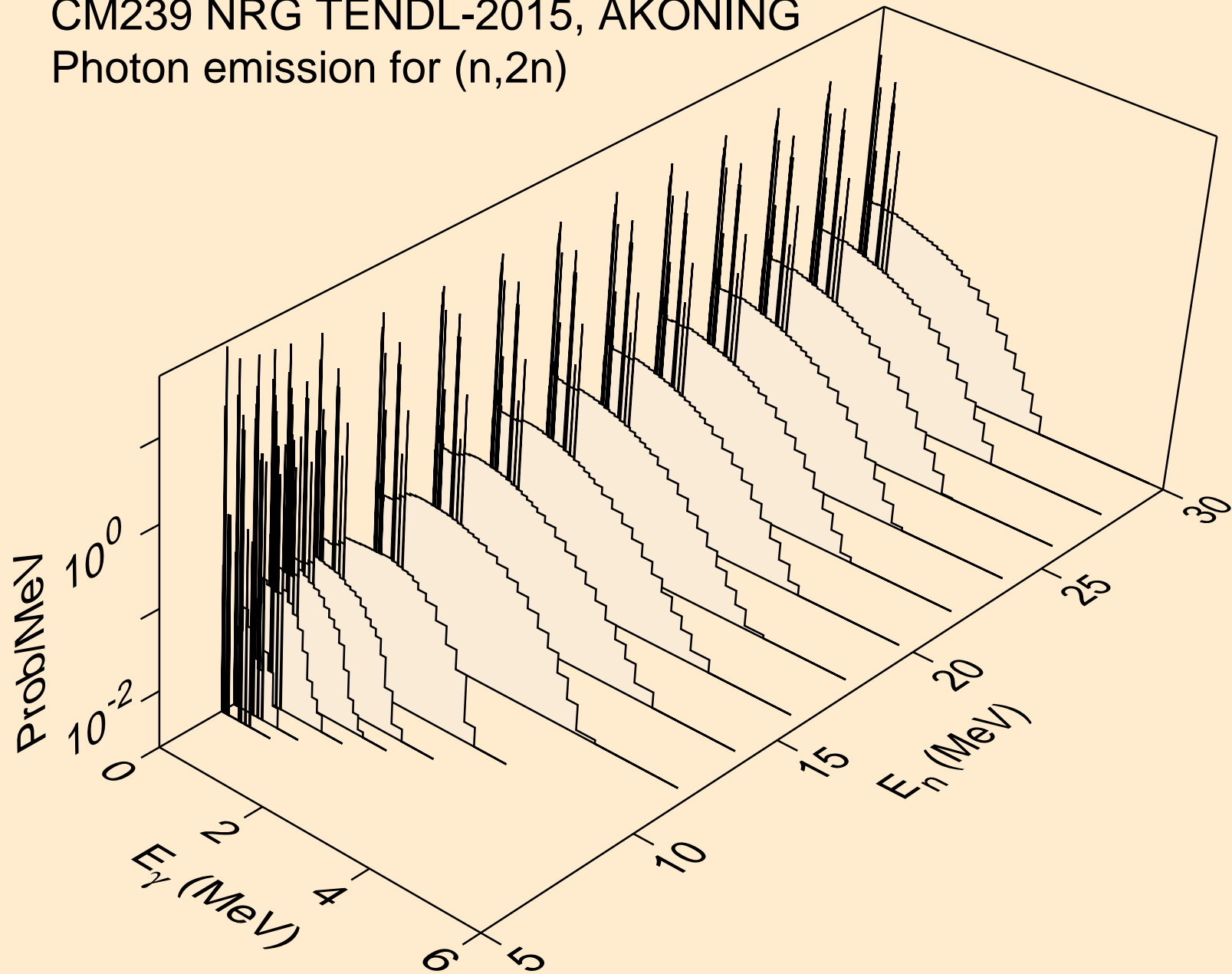


CM239 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)

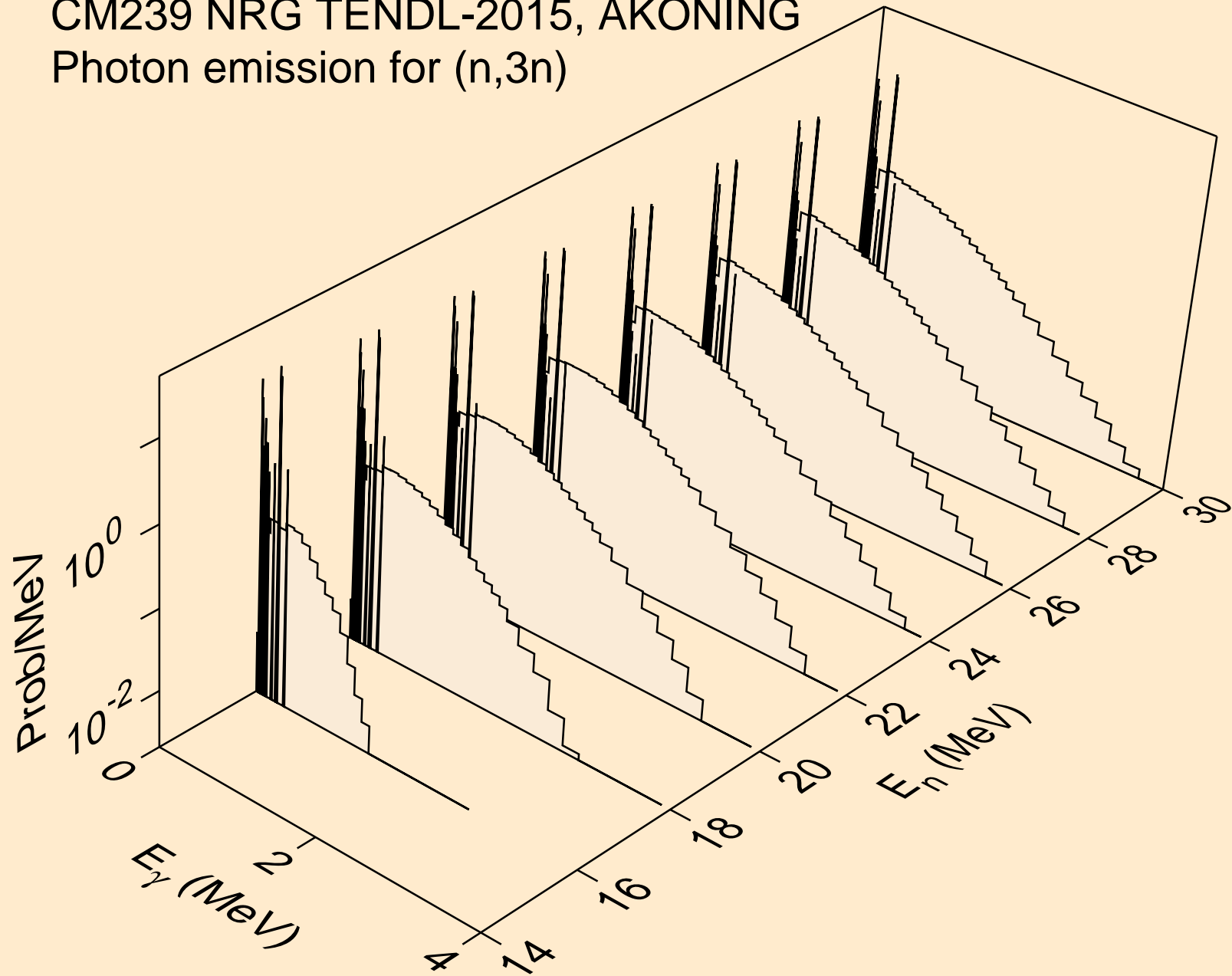




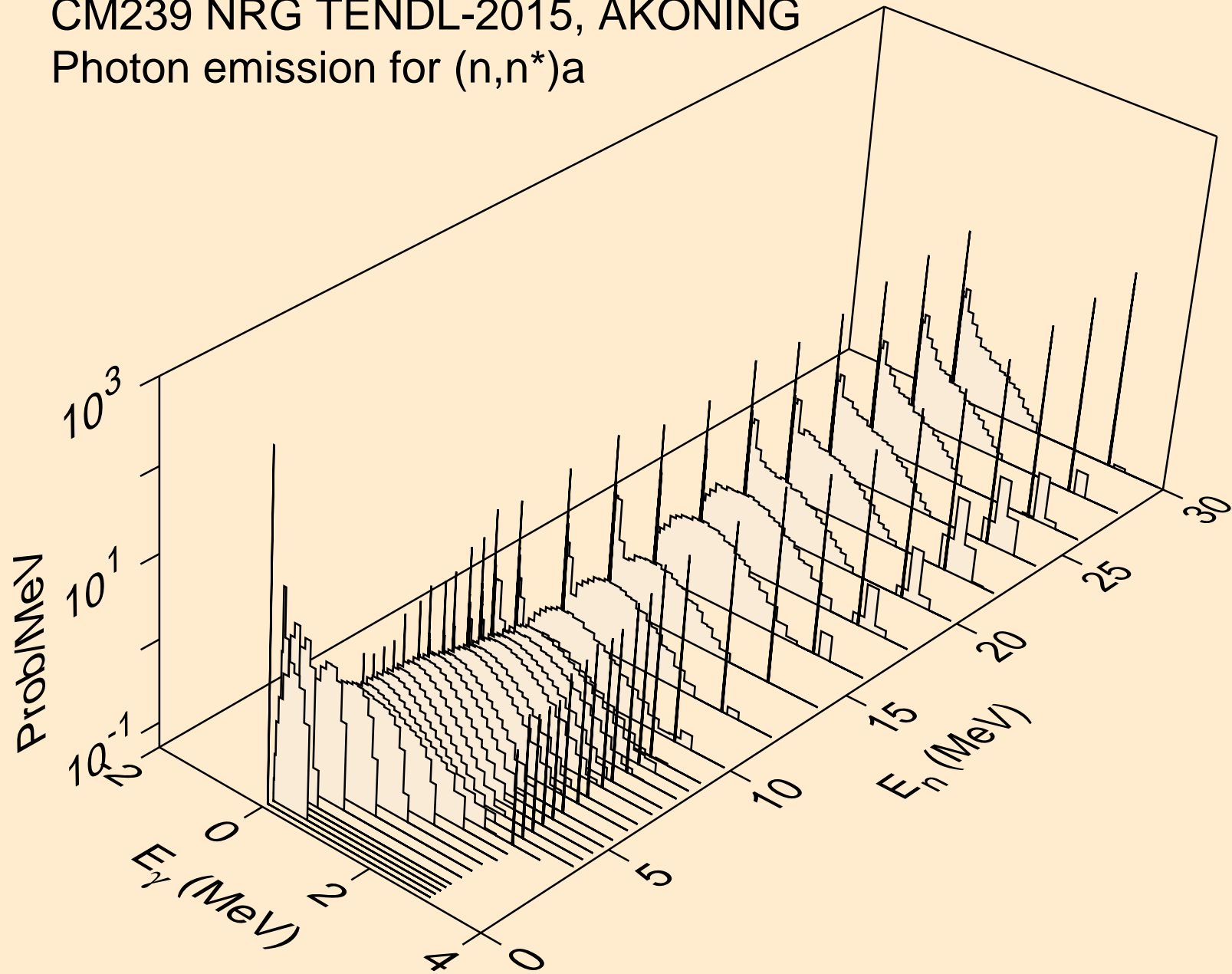
CM239 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



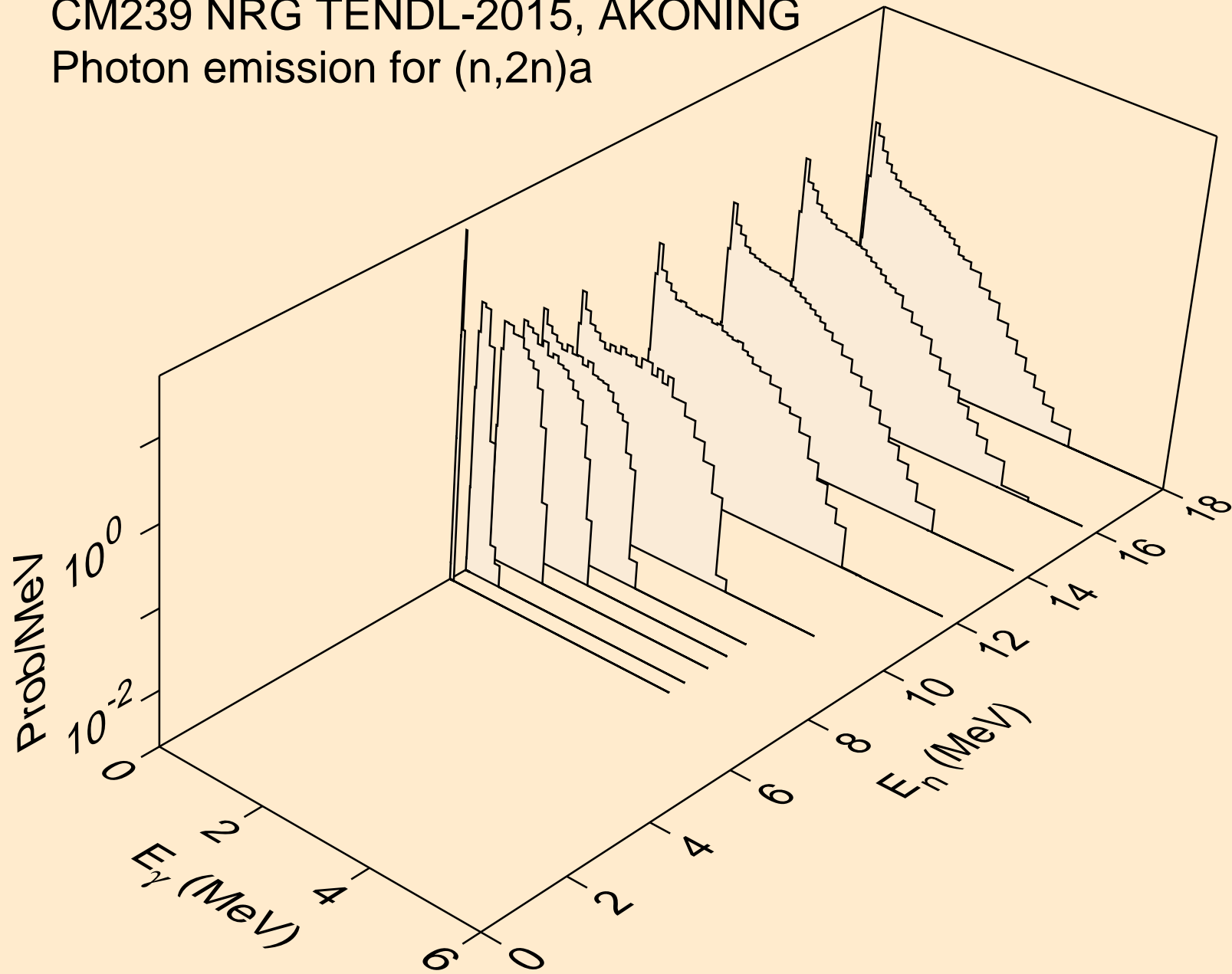
CM239 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



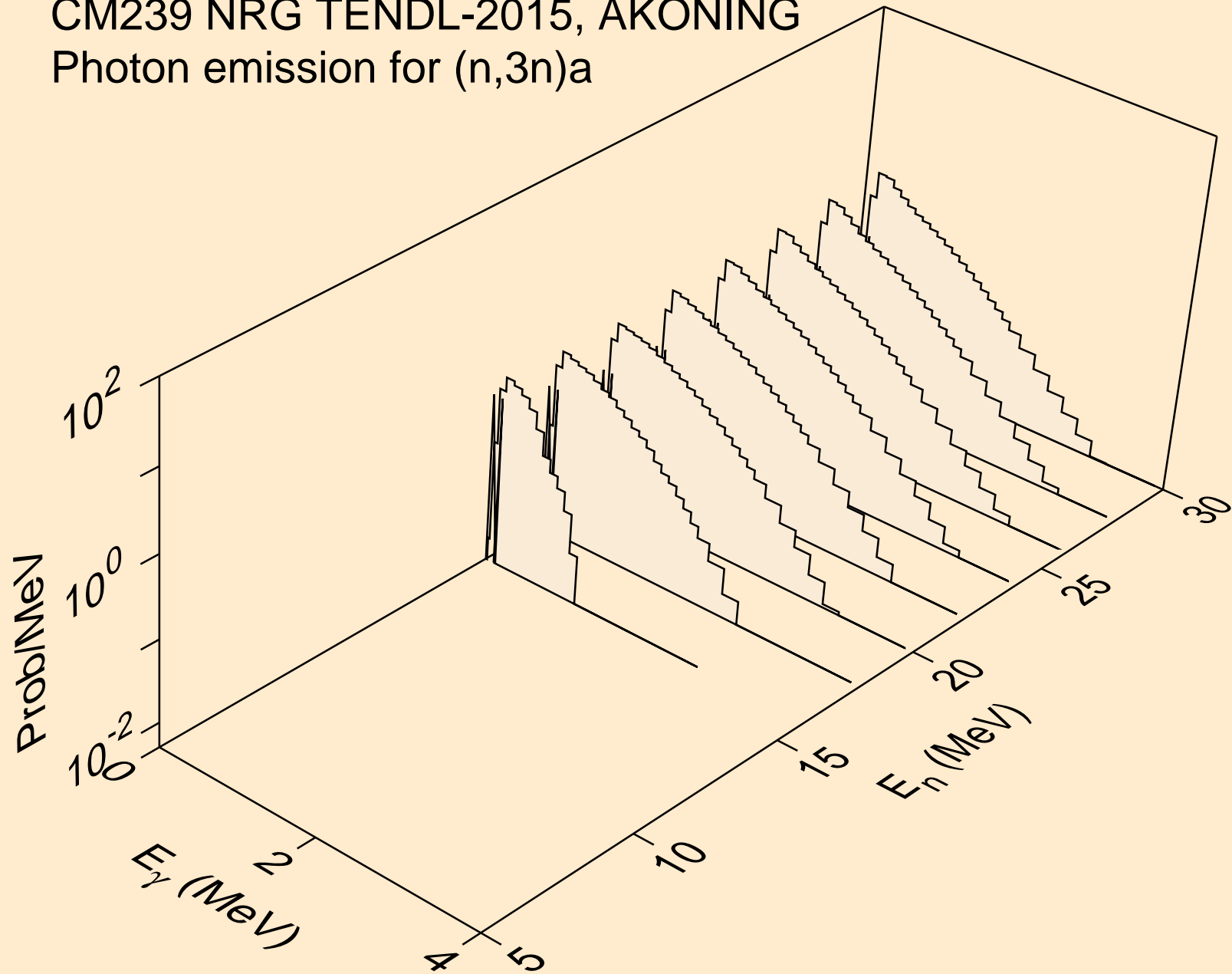
CM239 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



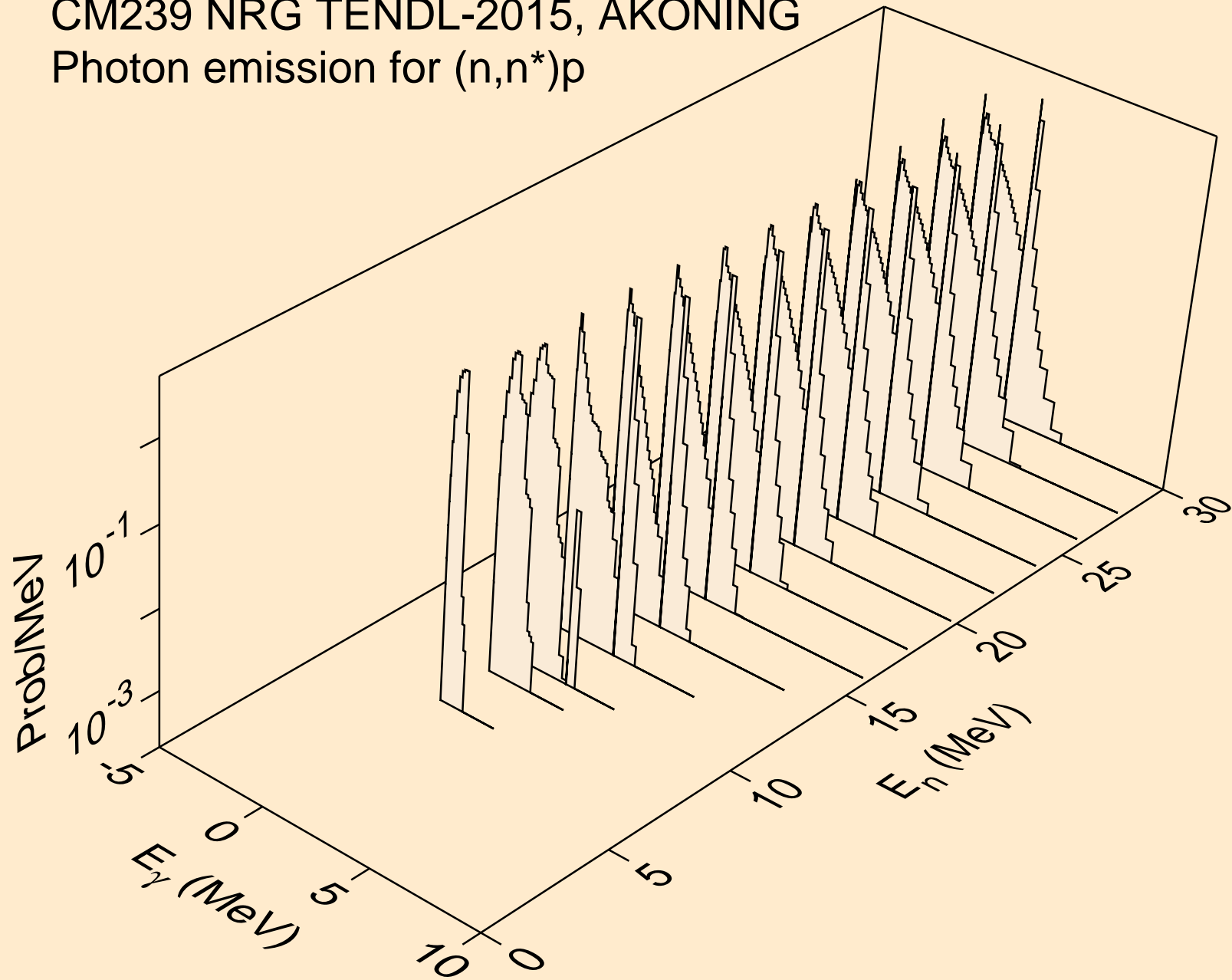
CM239 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



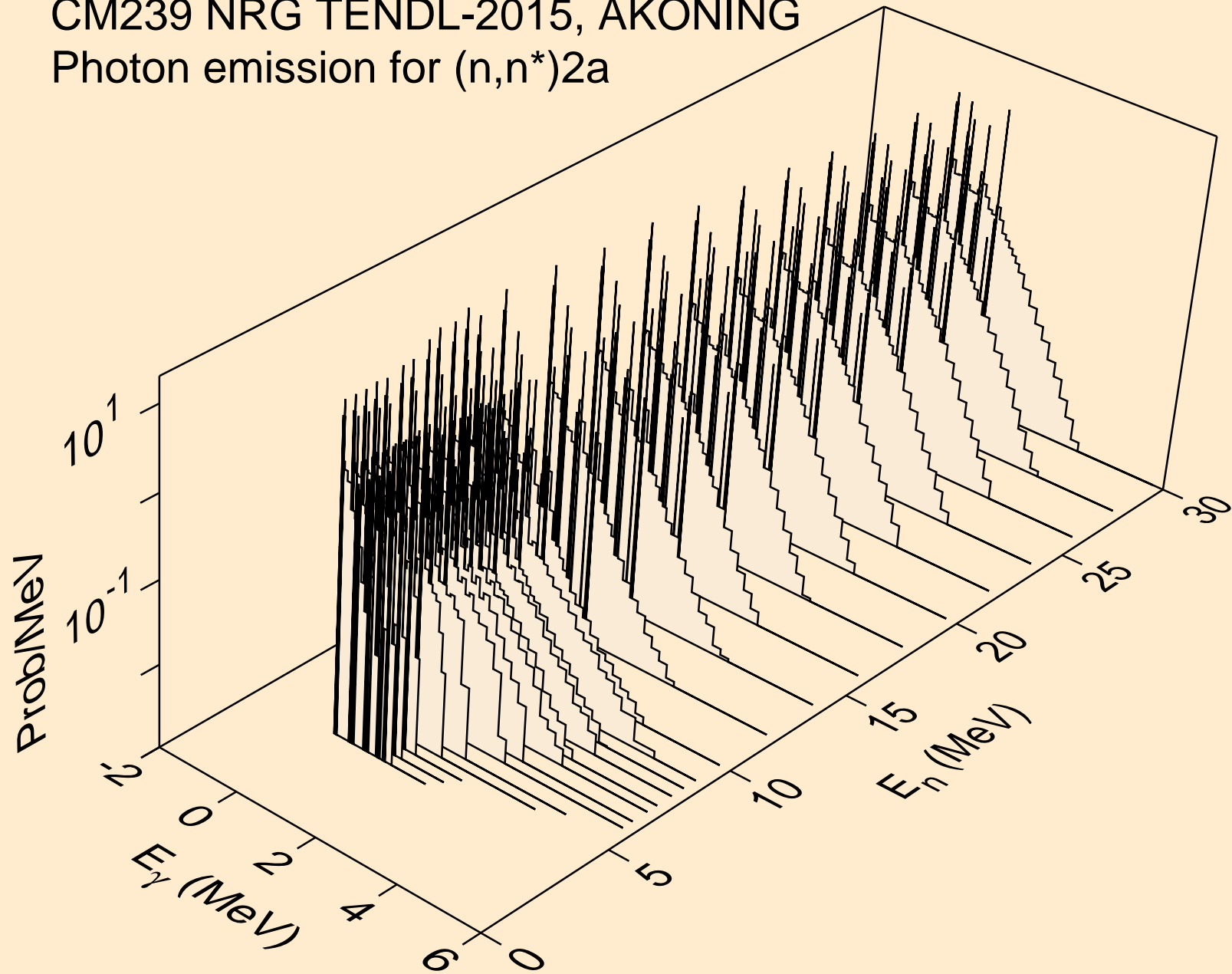
CM239 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



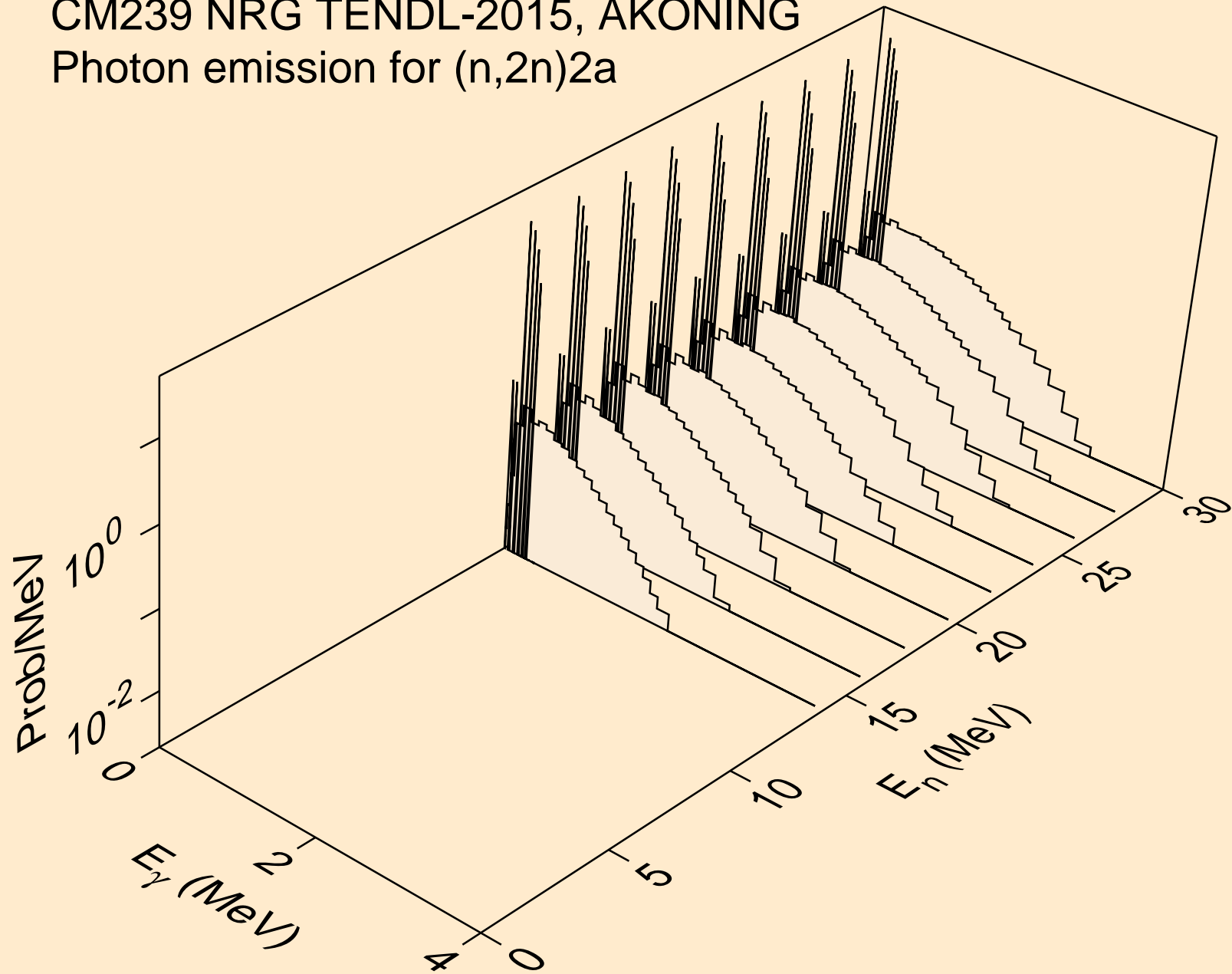
CM239 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



CM239 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a

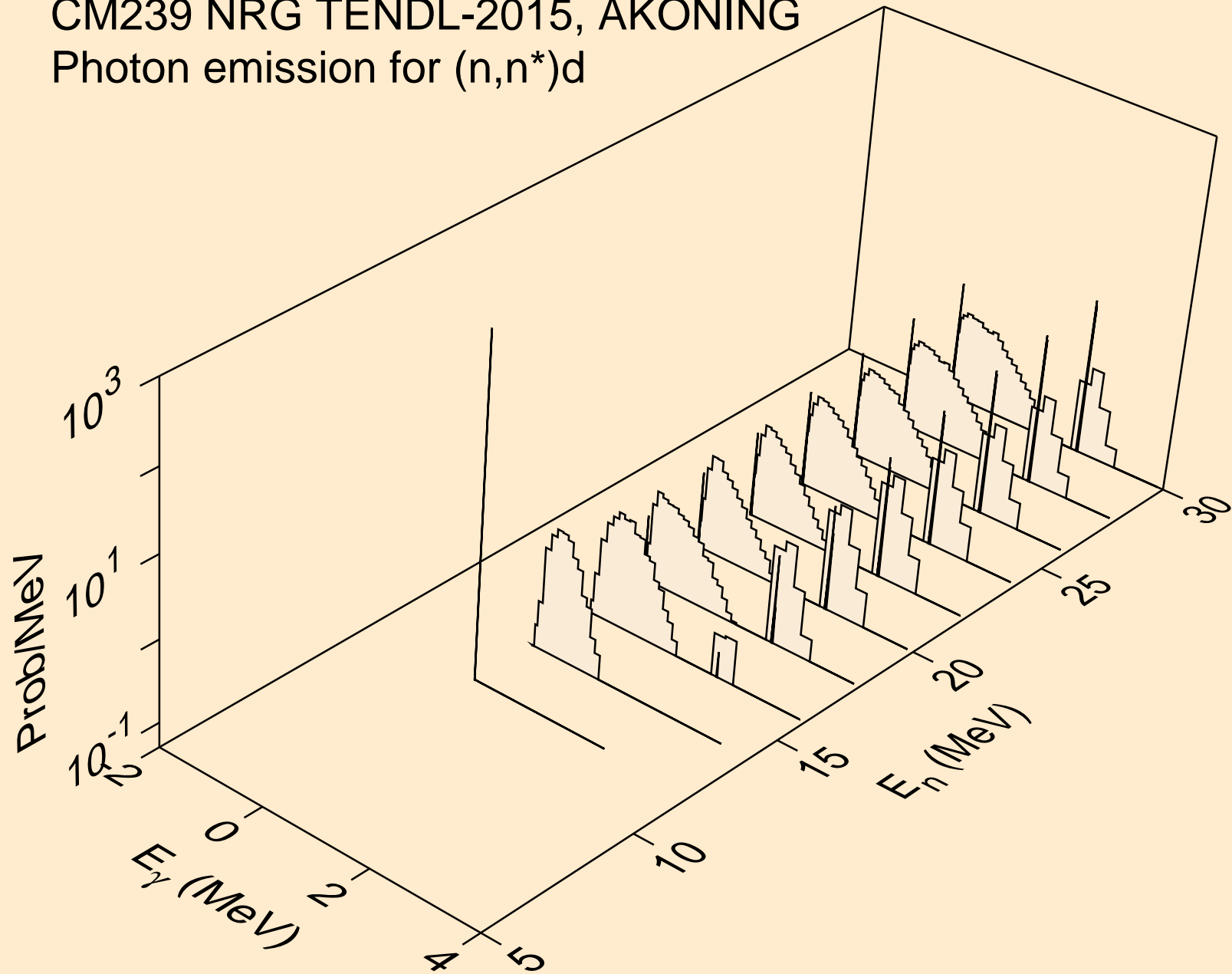


CM239 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a

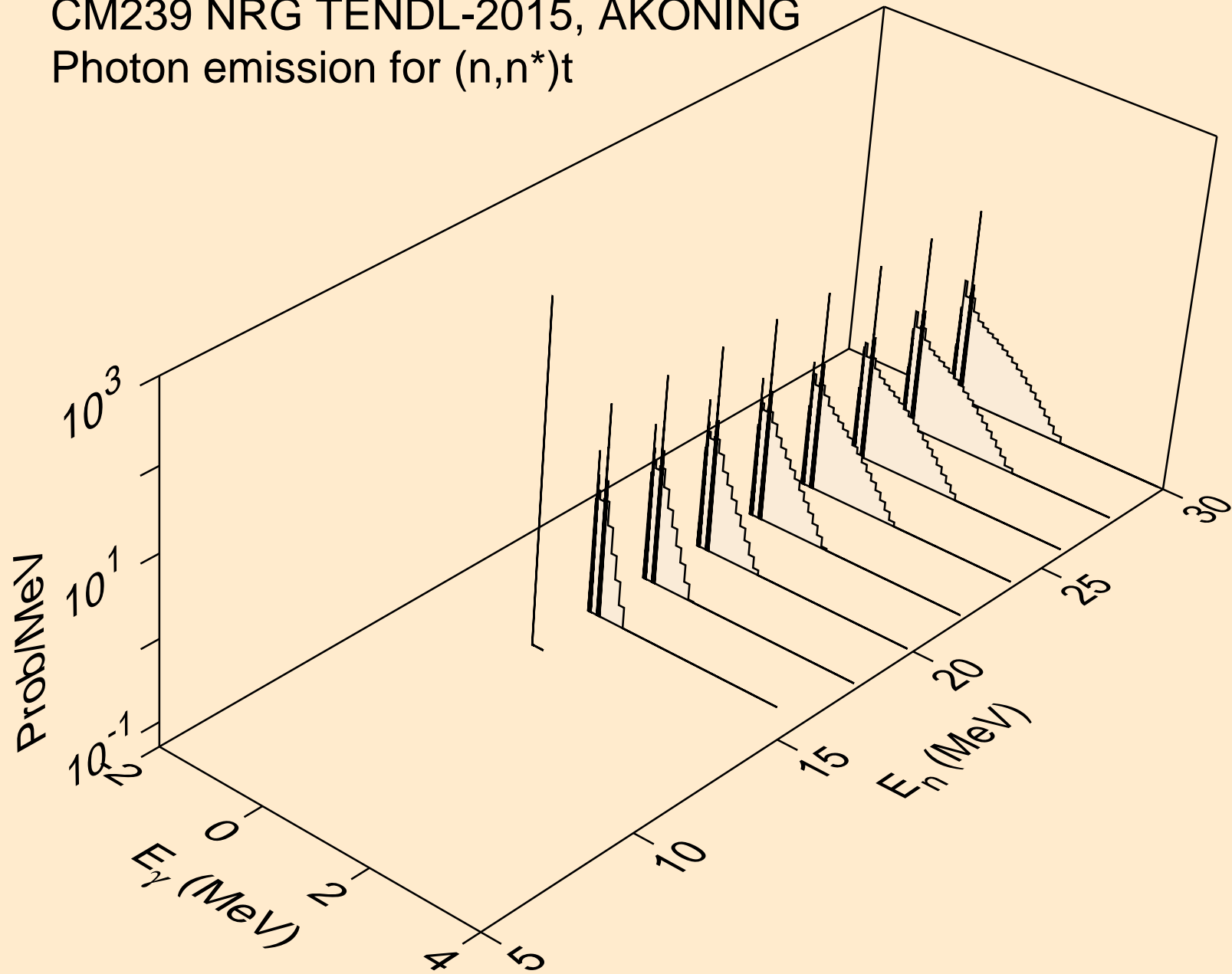




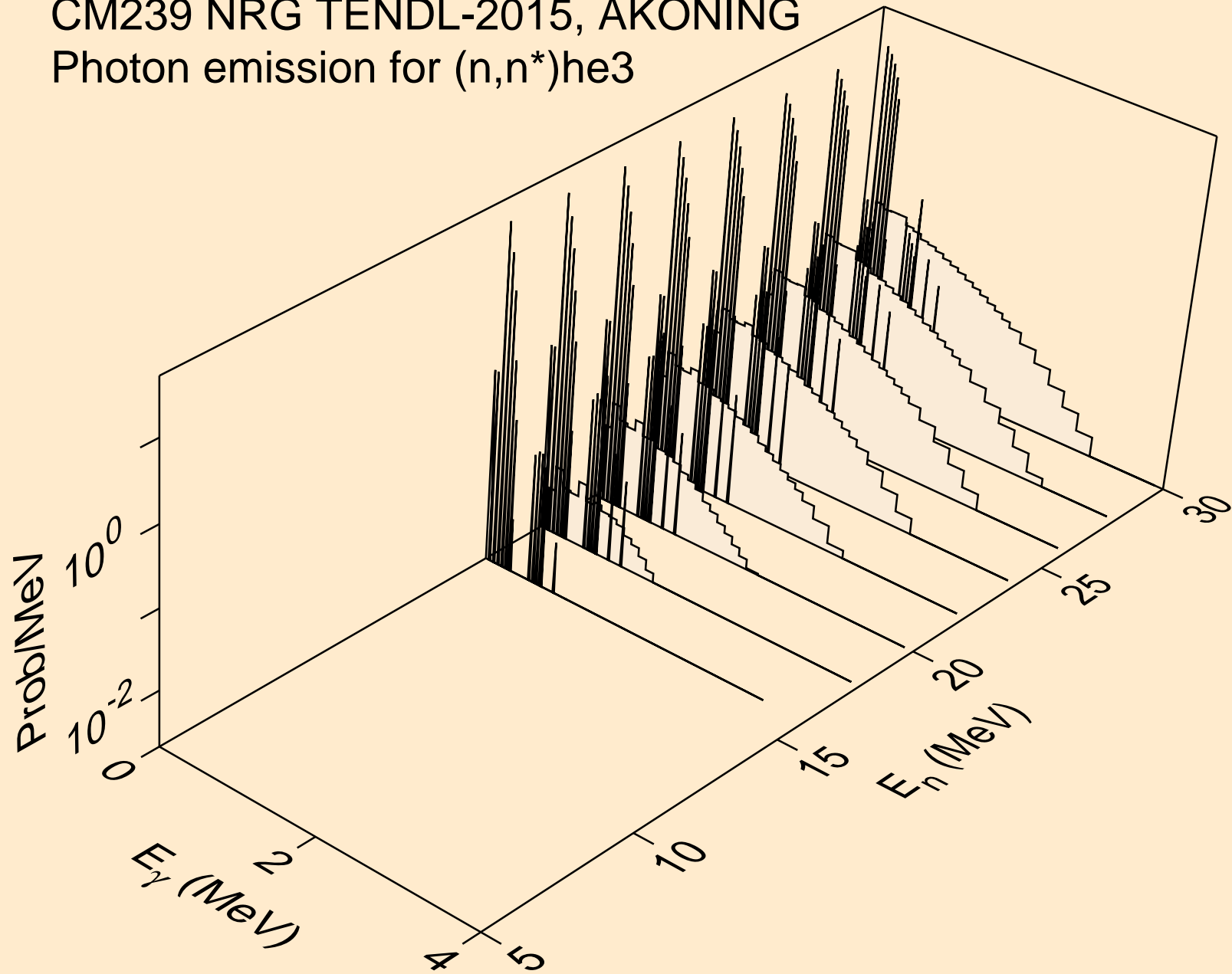
CM239 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



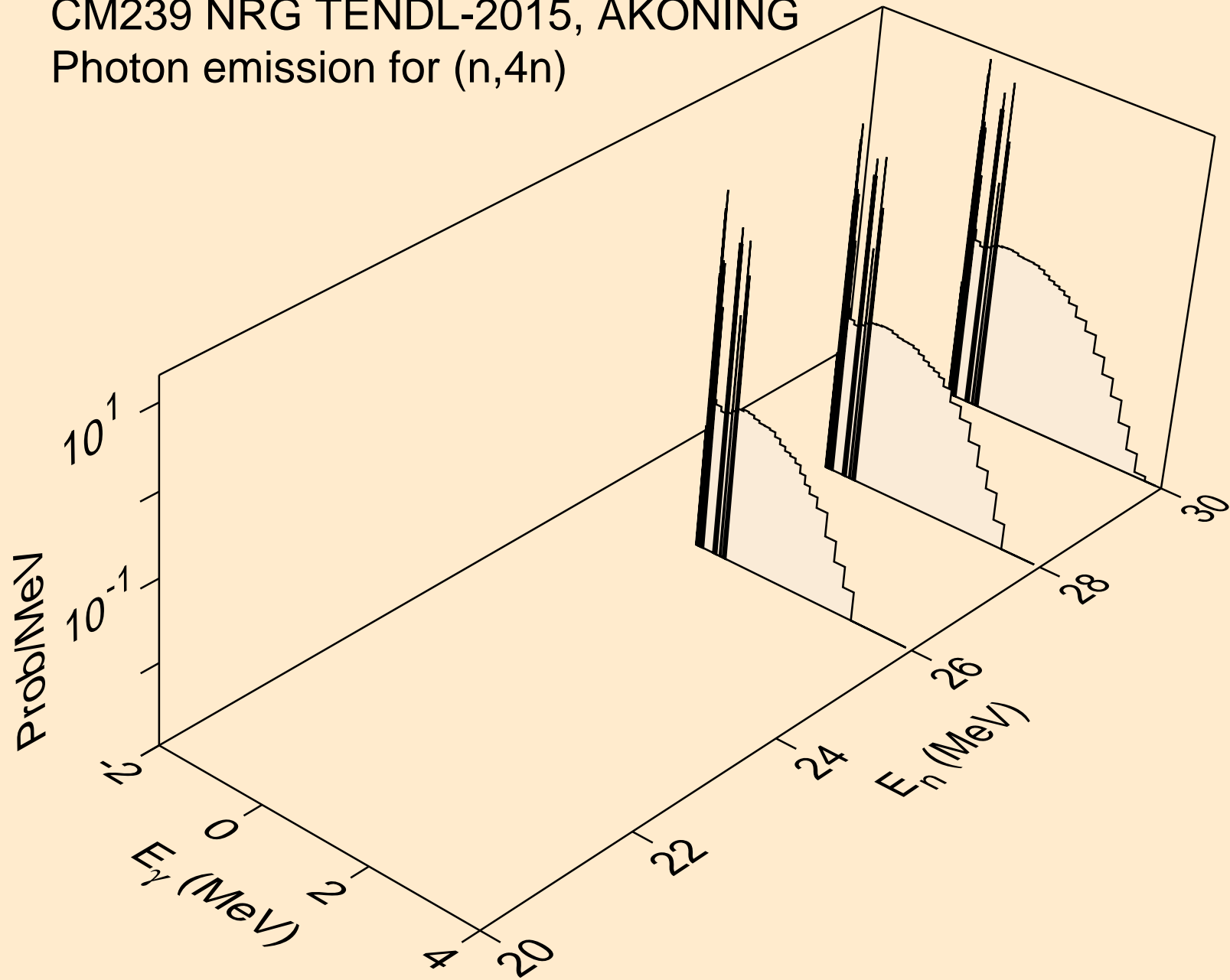
CM239 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



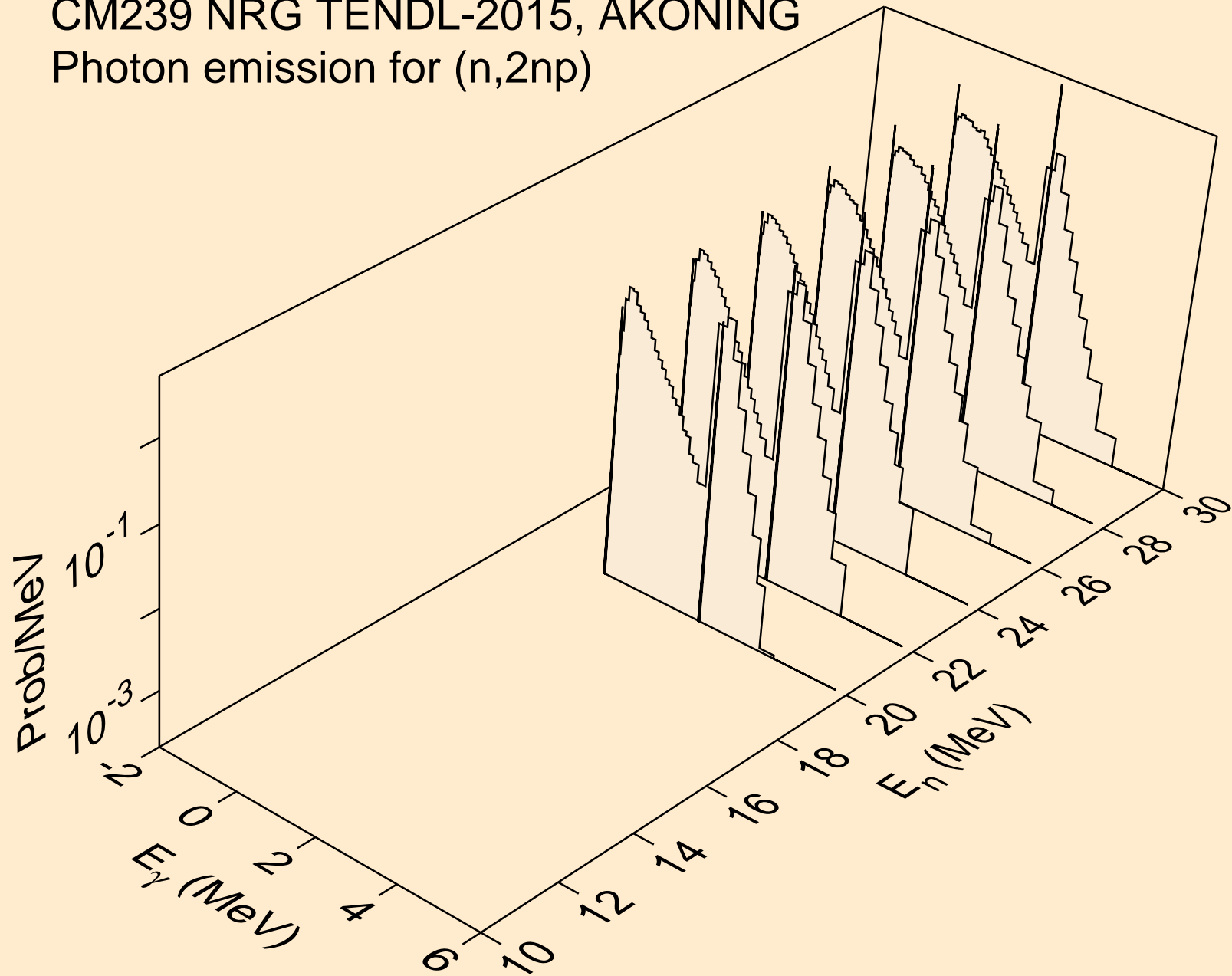
CM239 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



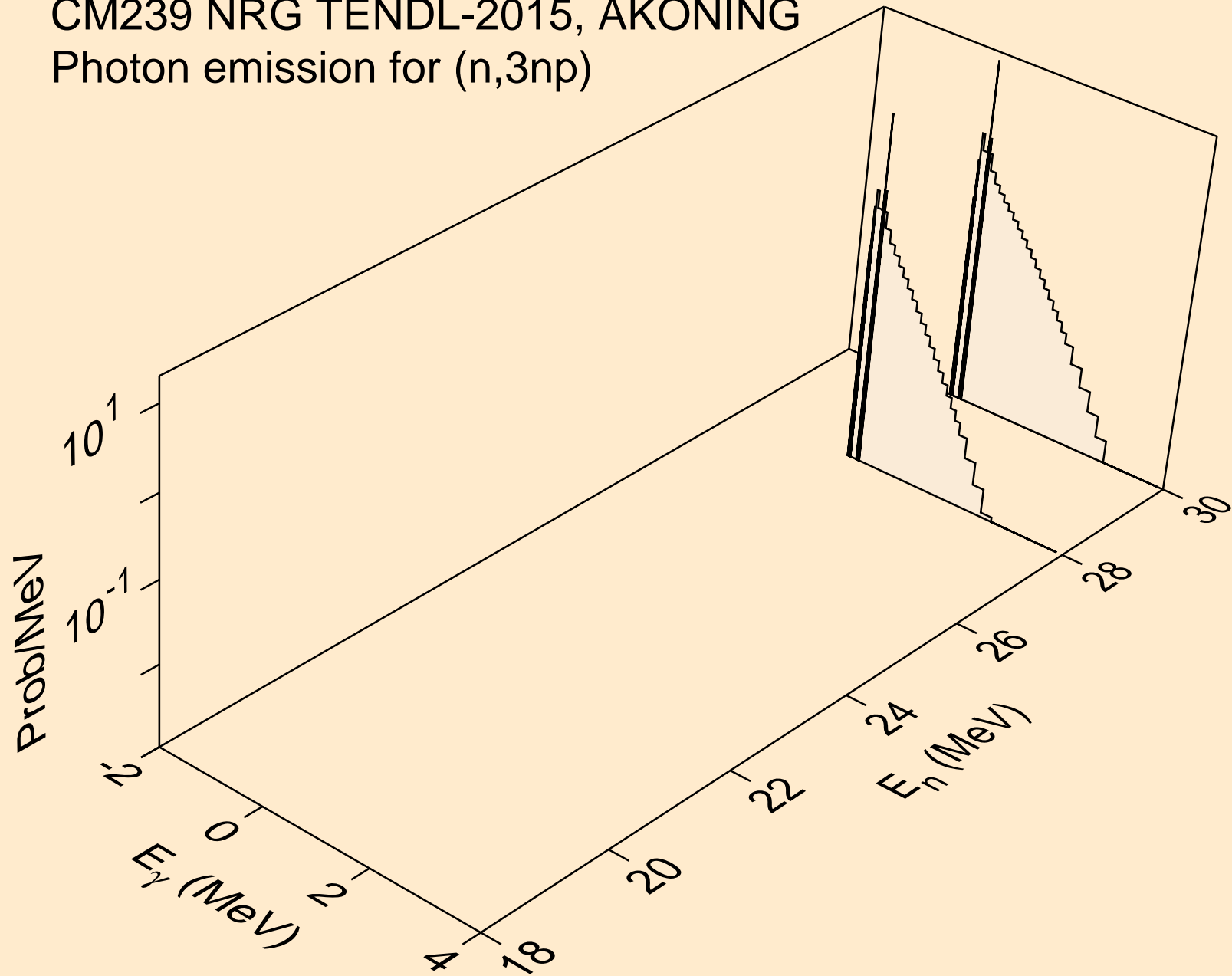
CM239 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



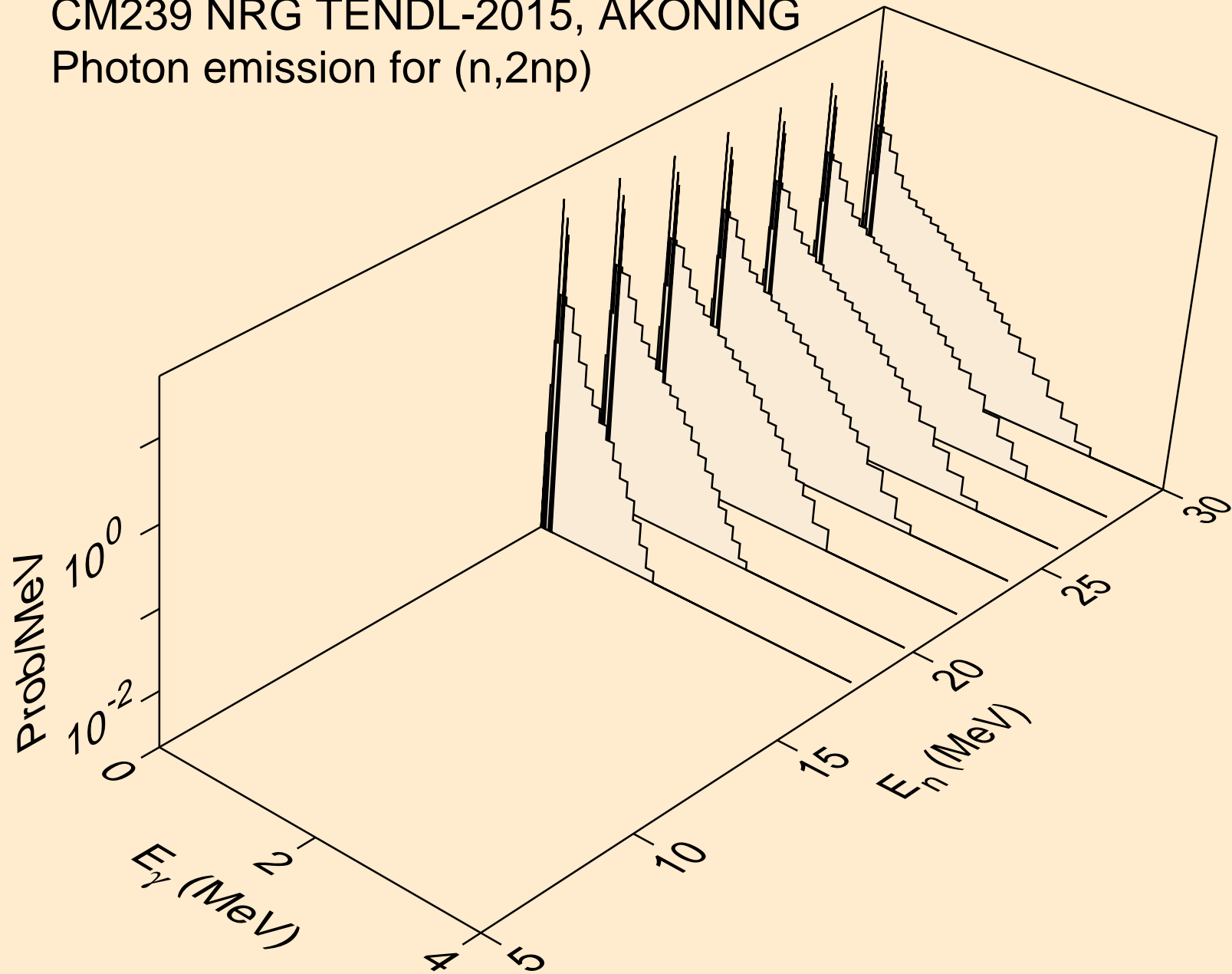
CM239 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



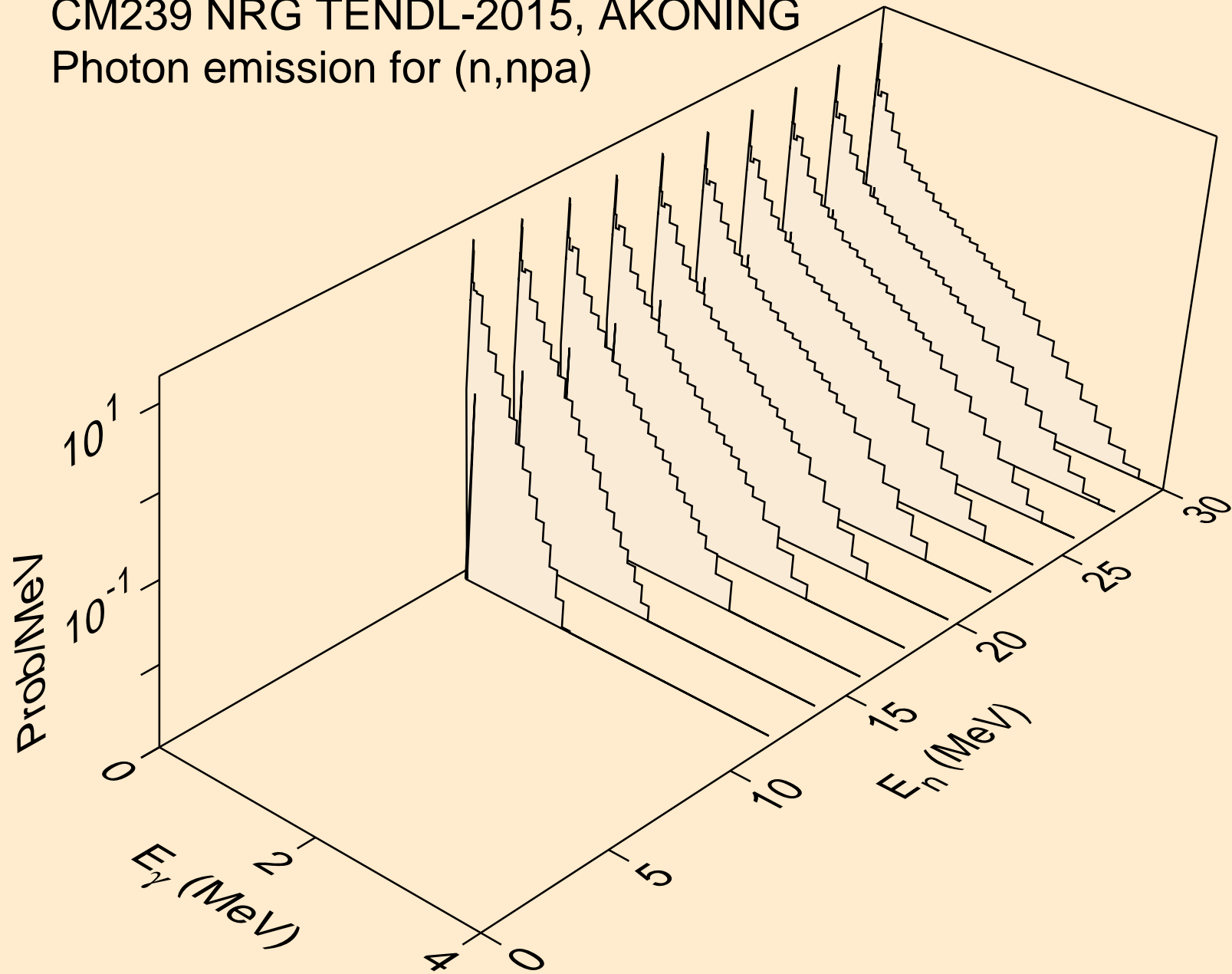
CM239 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



CM239 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

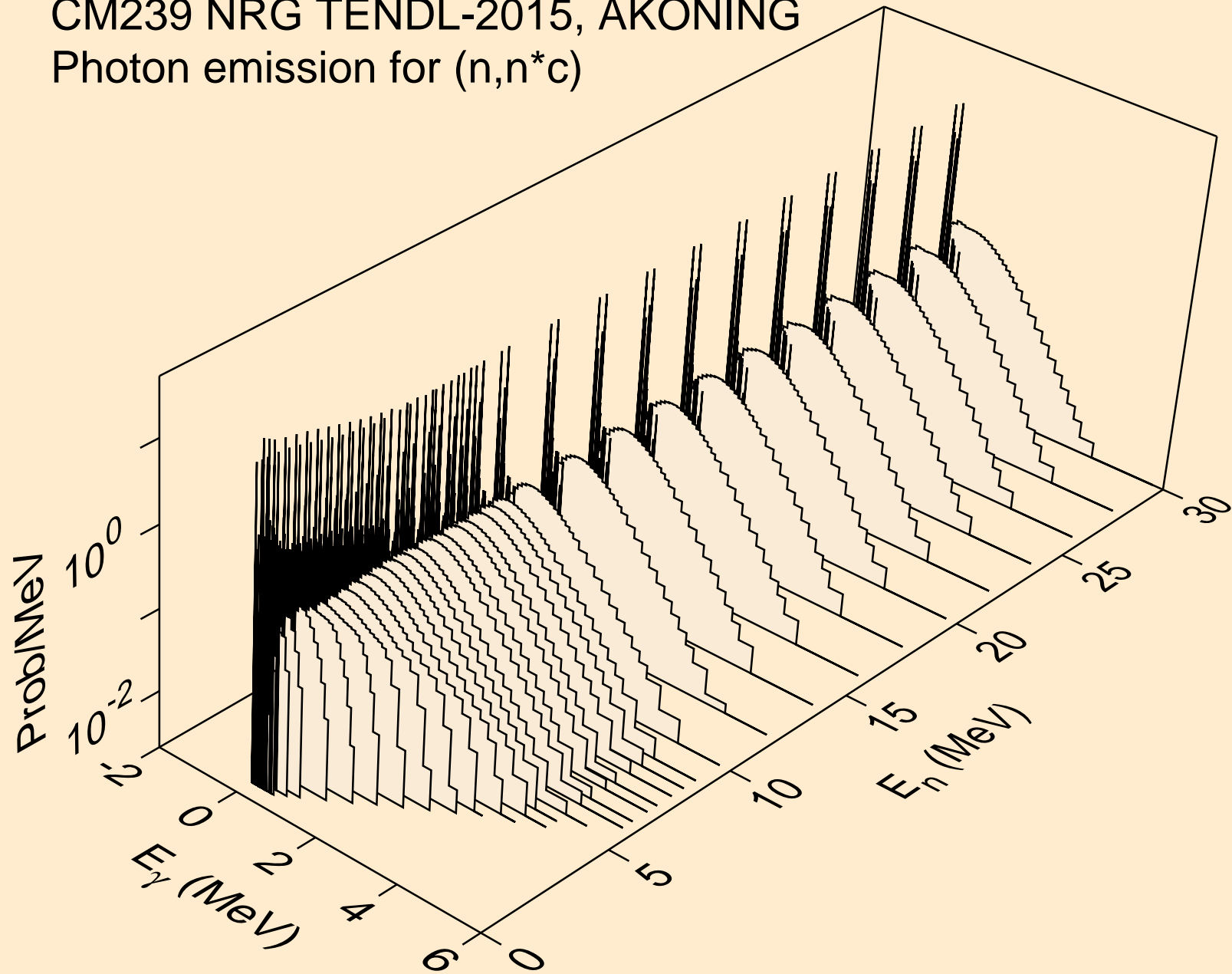


CM239 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)

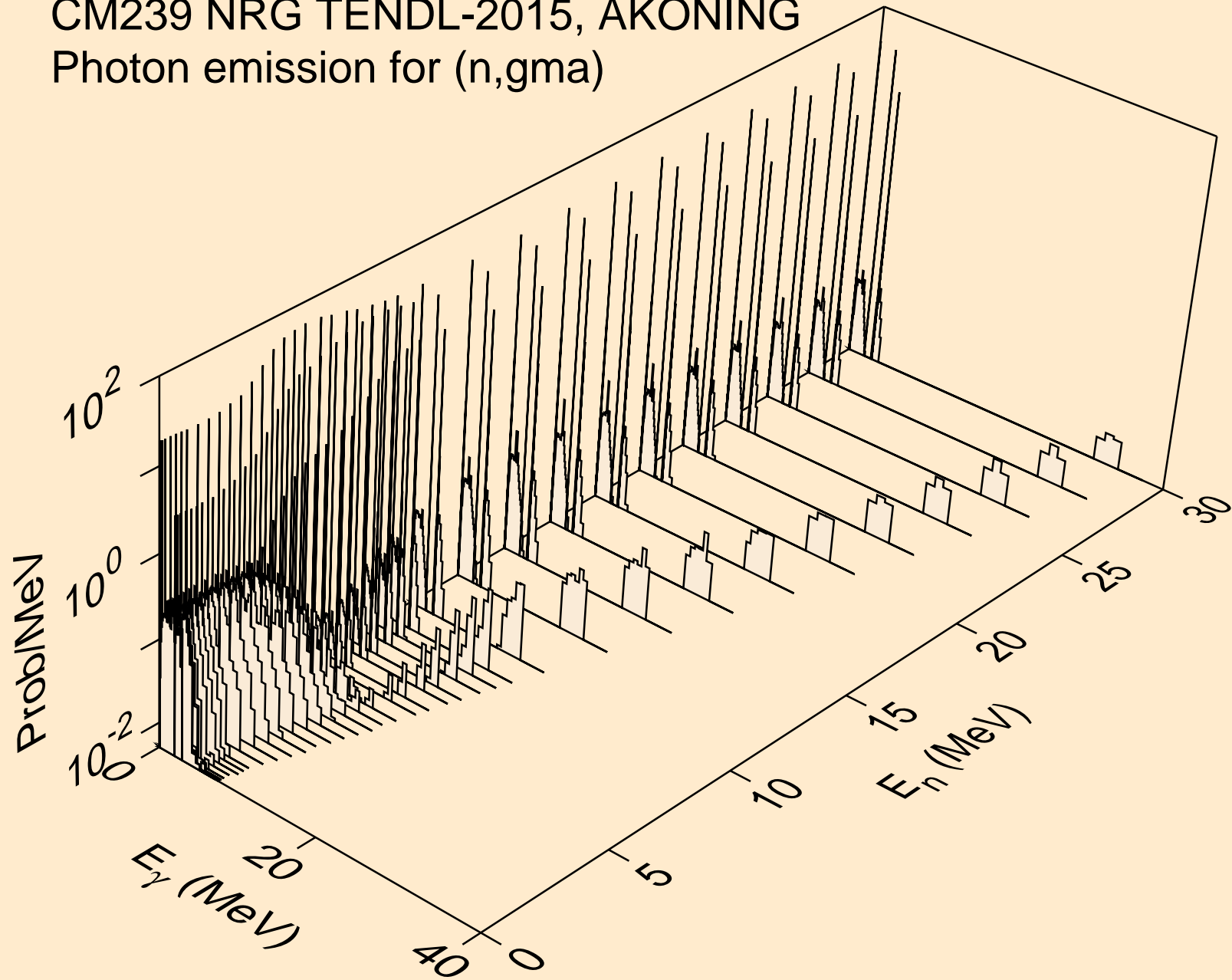




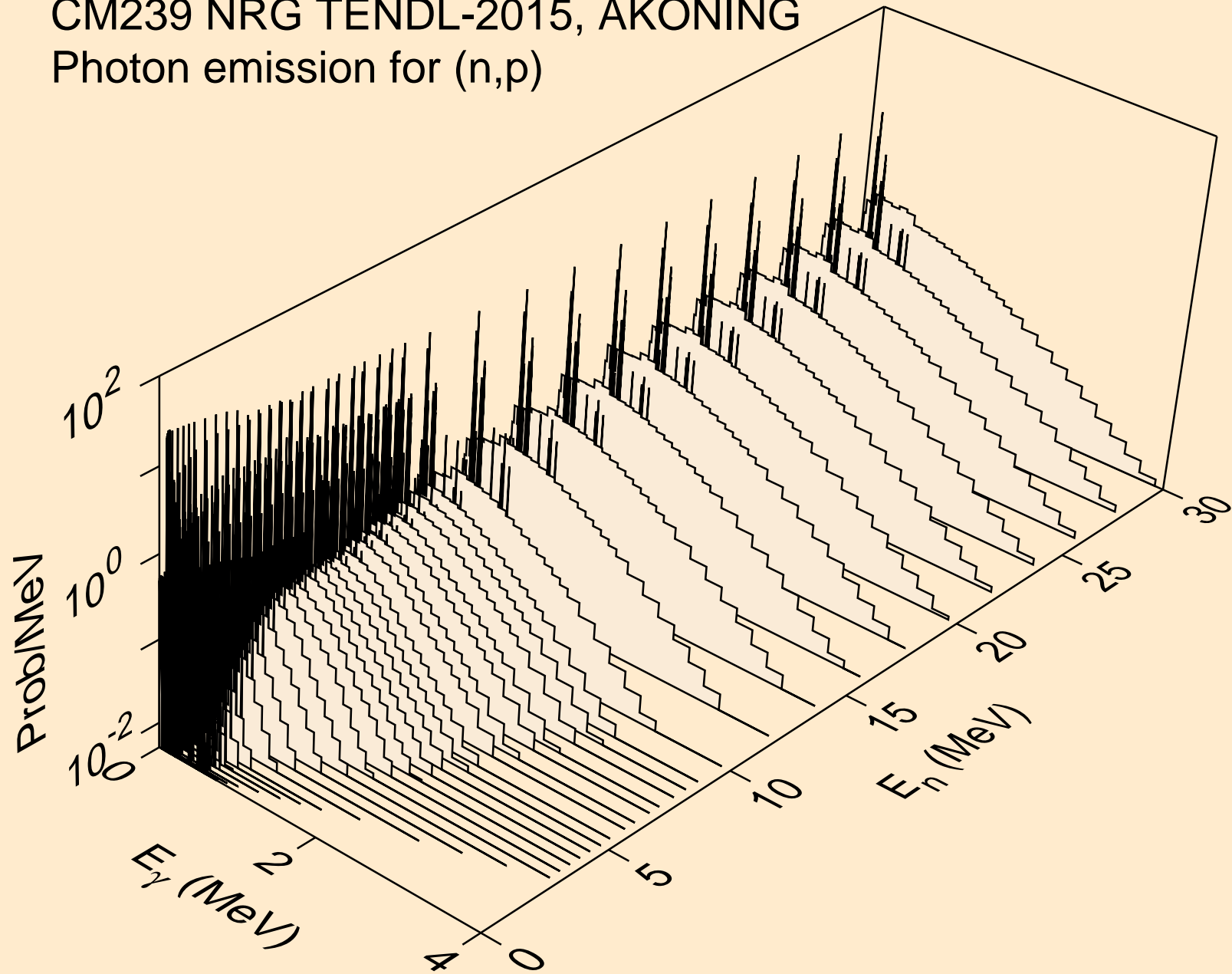
CM239 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



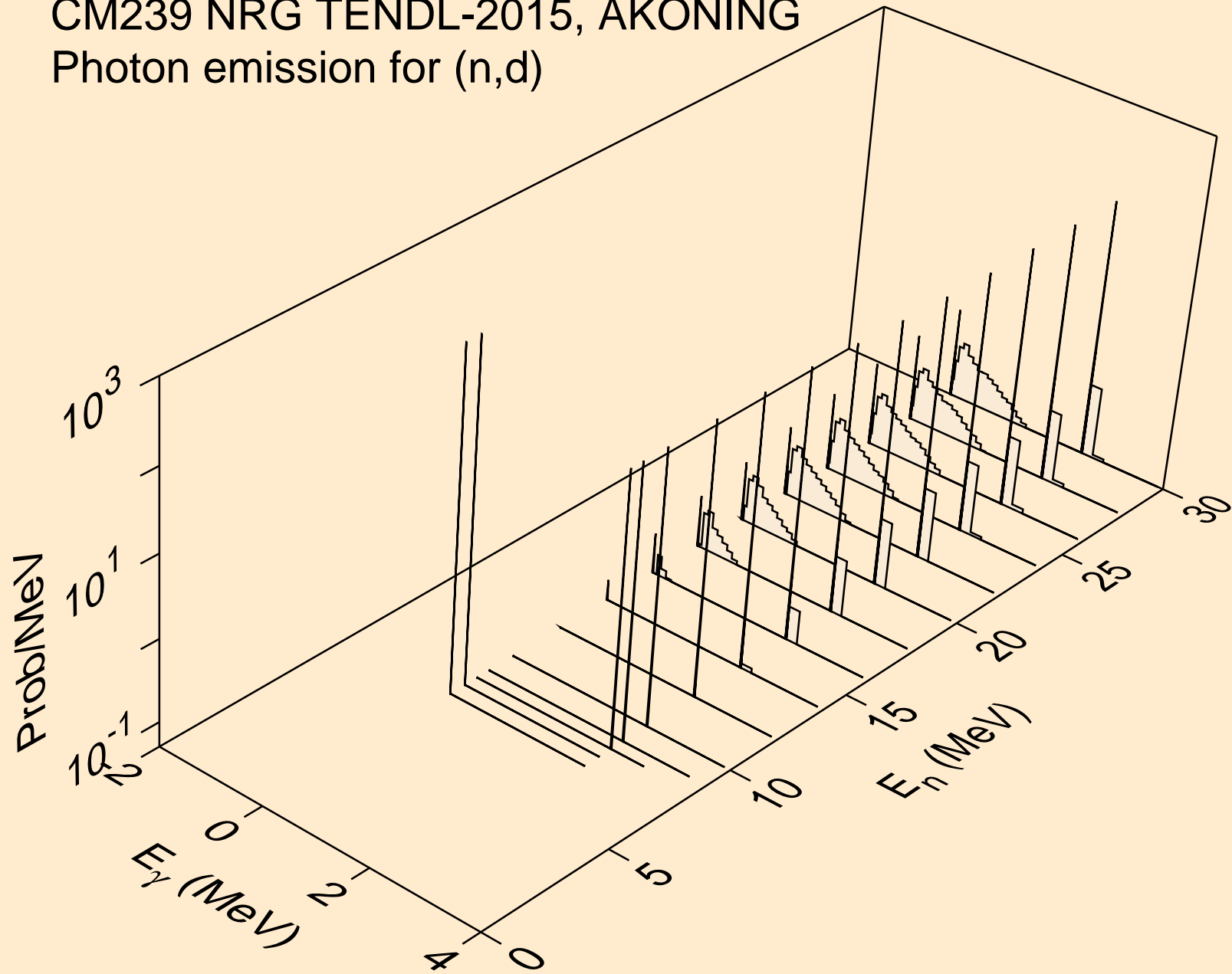
CM239 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



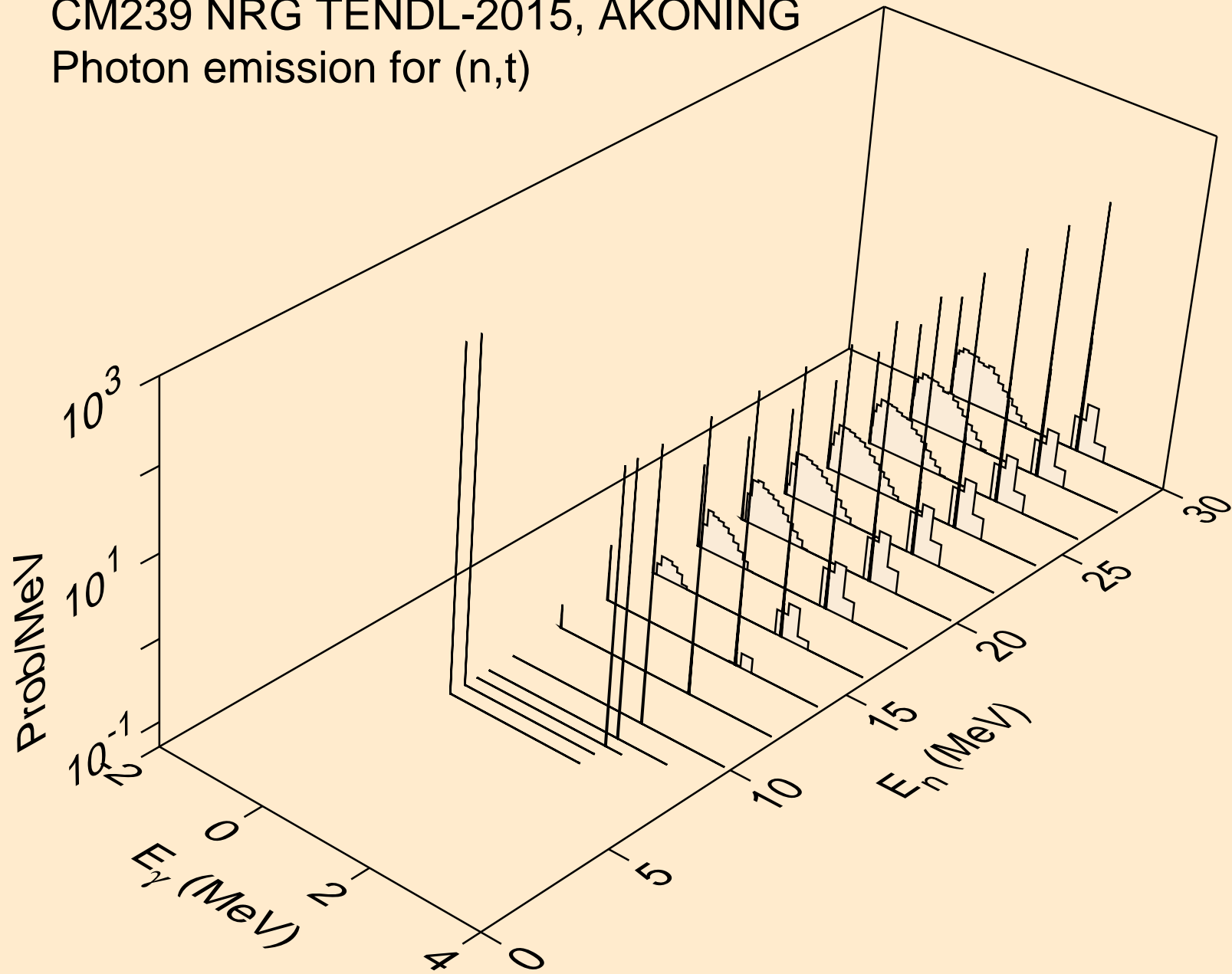
CM239 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



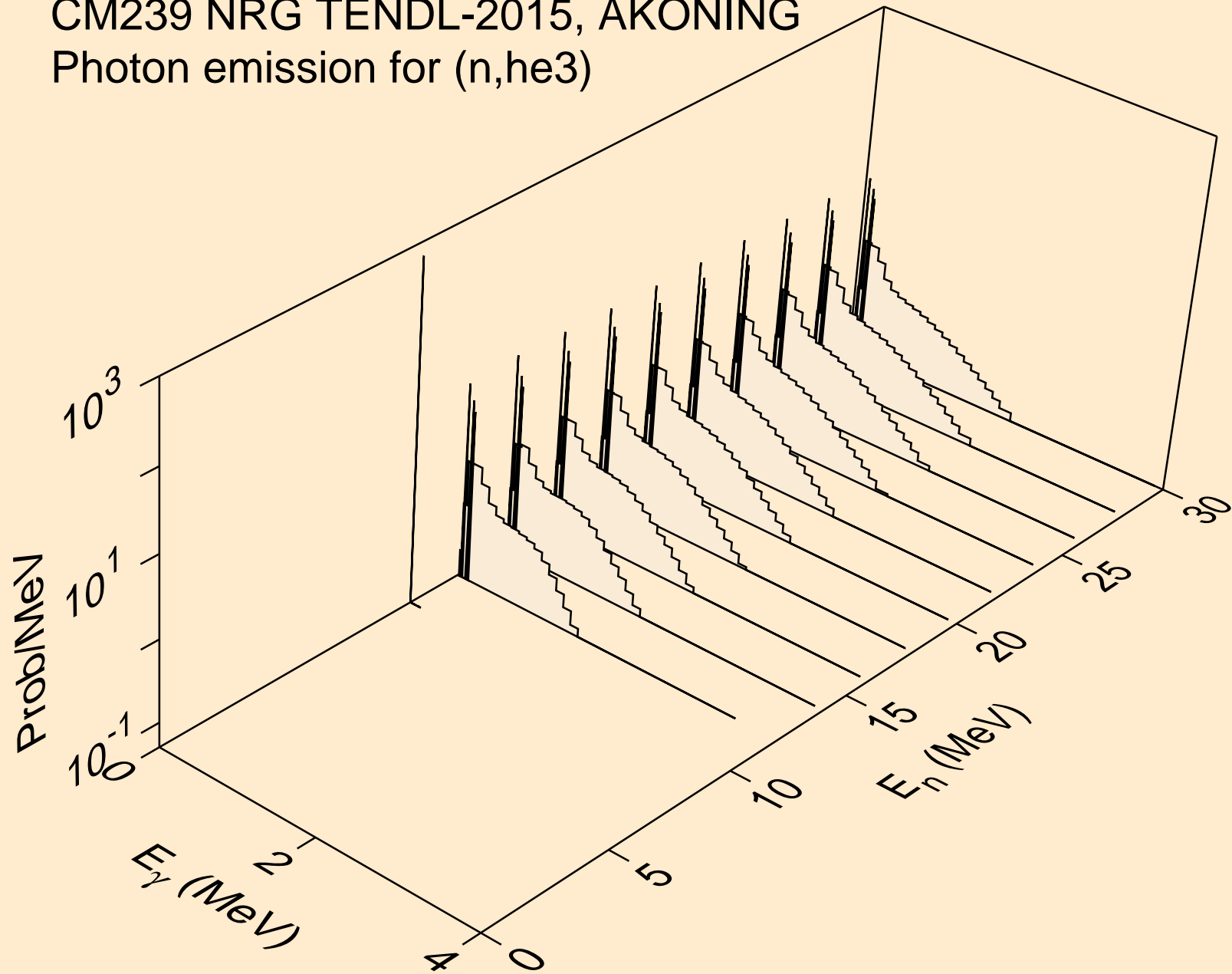
CM239 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



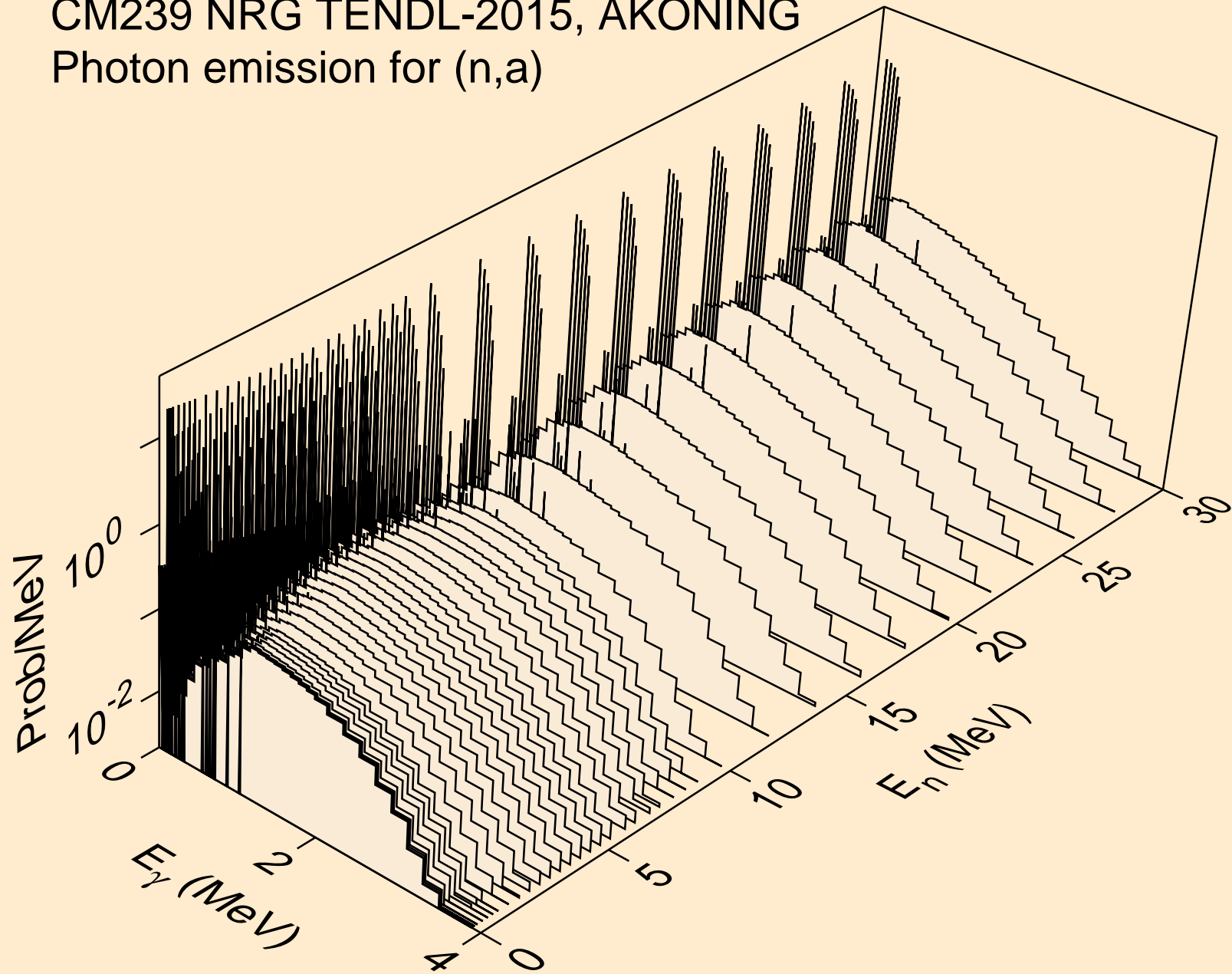
CM239 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



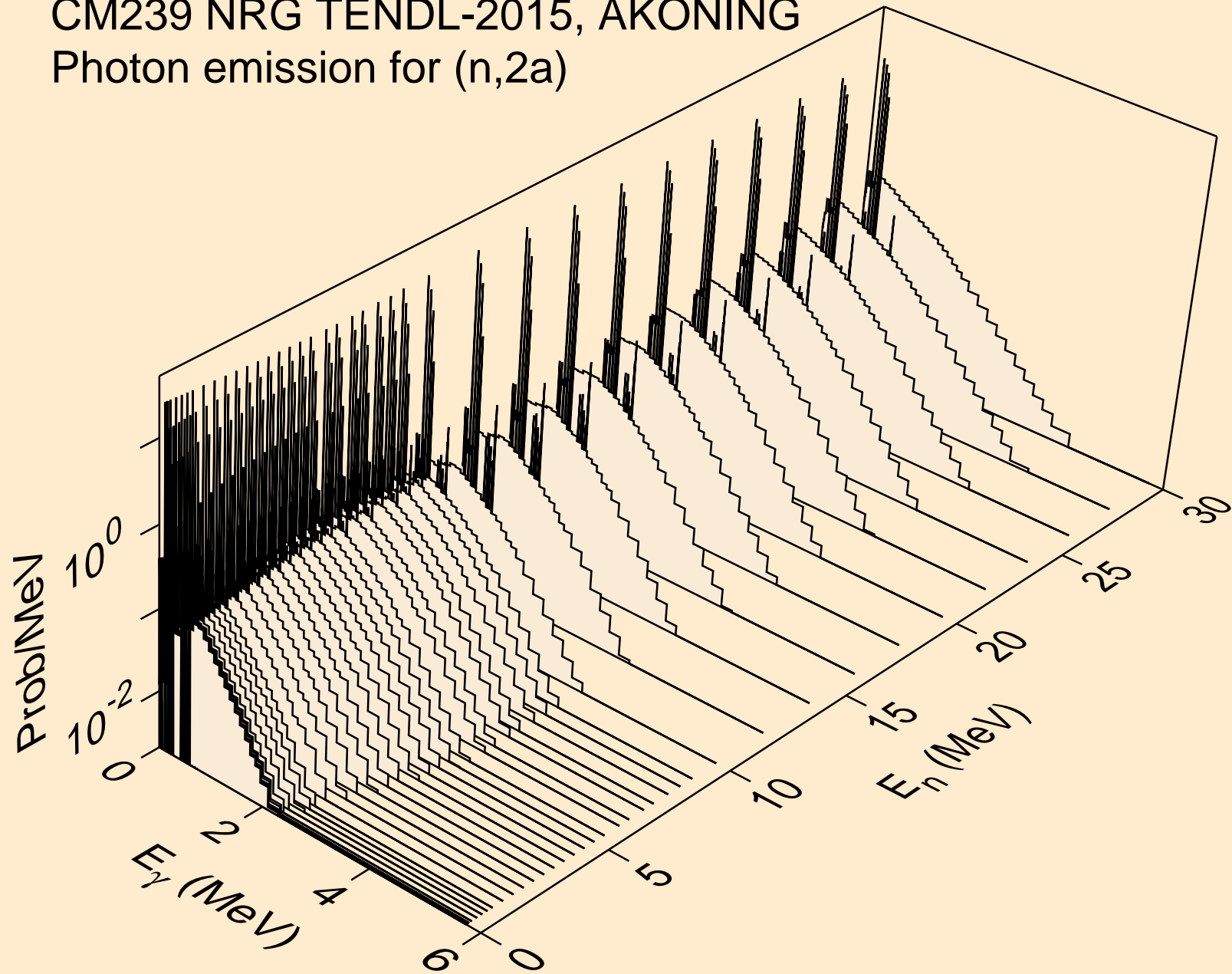
CM239 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



CM239 NRG TENDL-2015, AKONING  
Photon emission for (n,a)

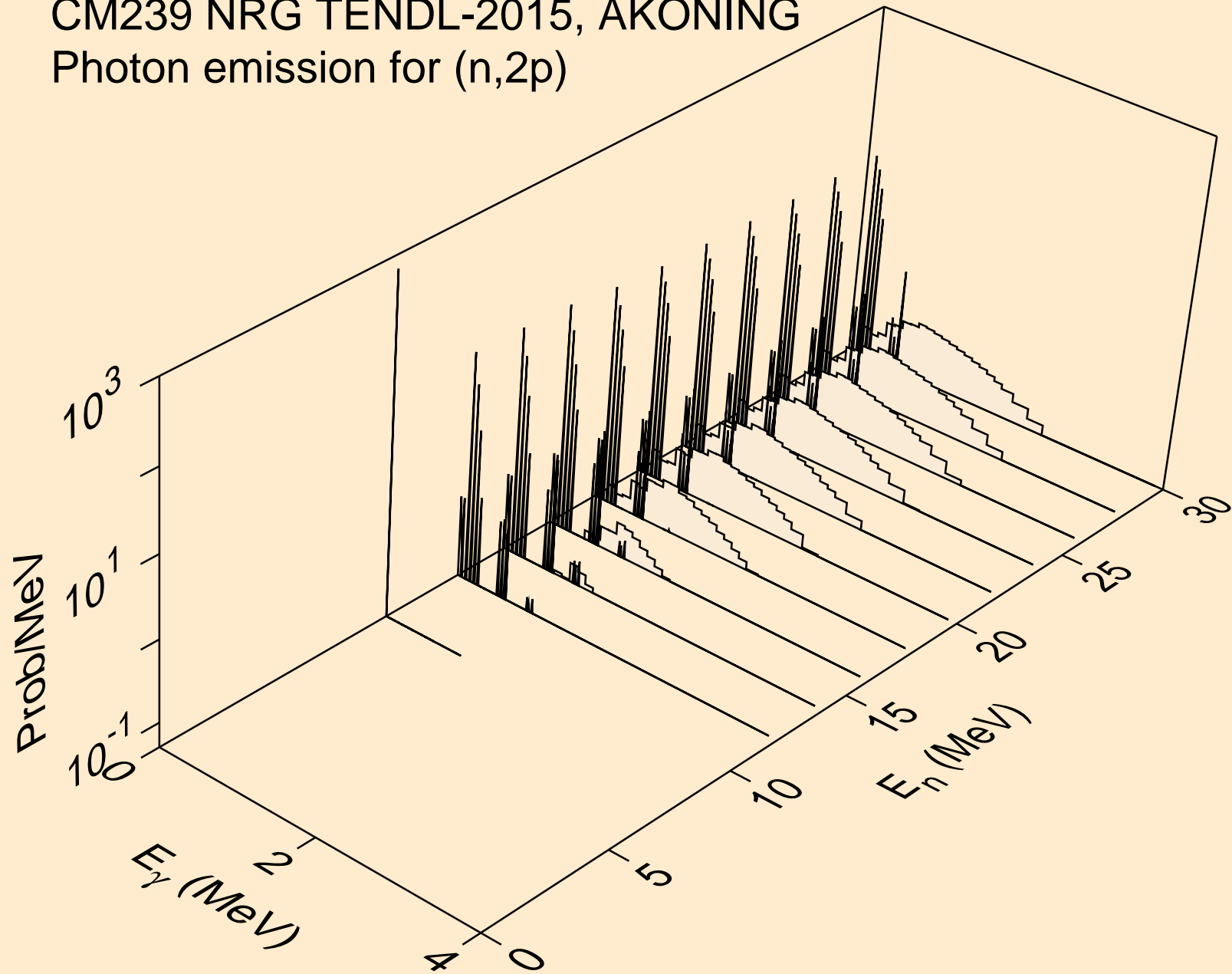


CM239 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)

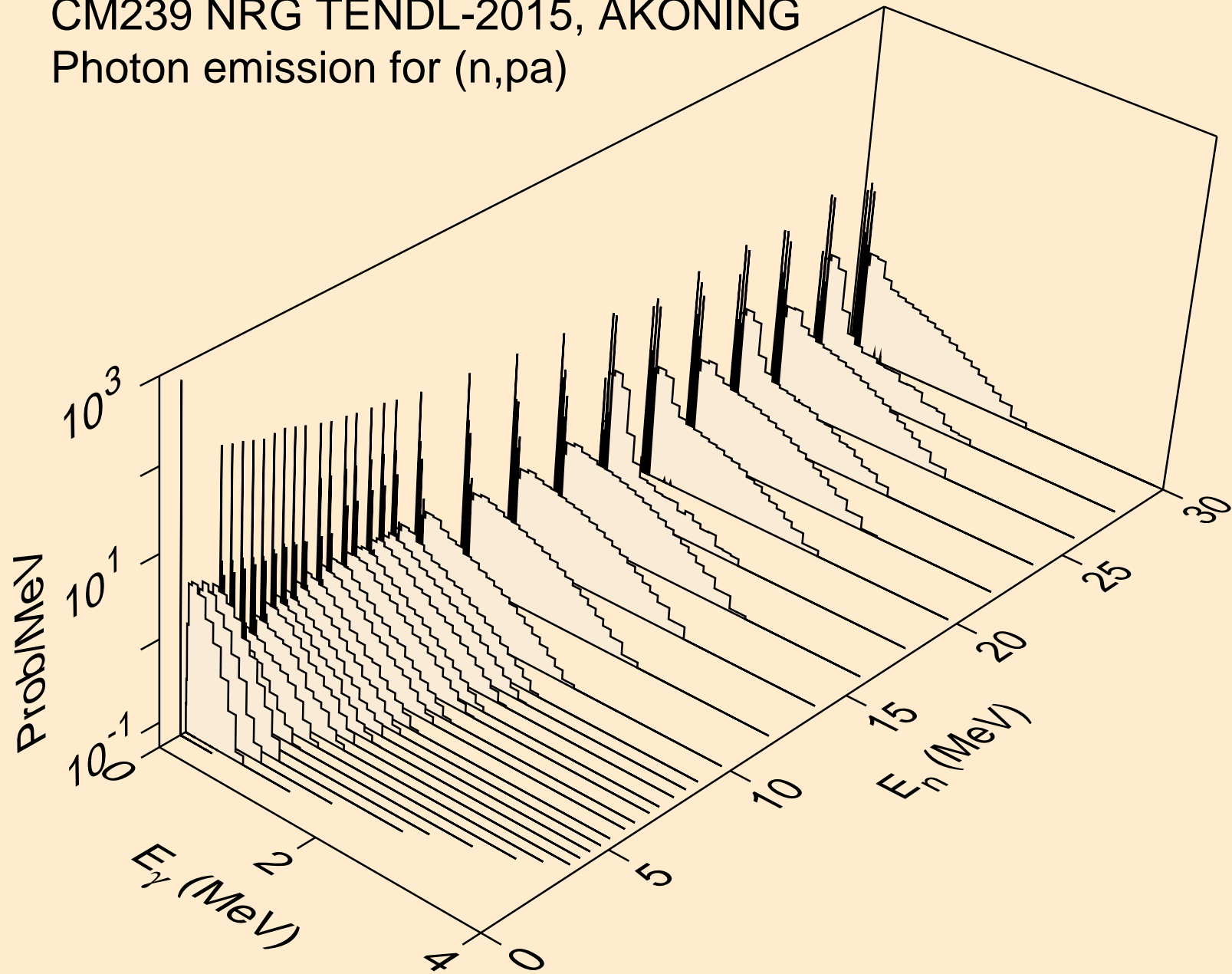




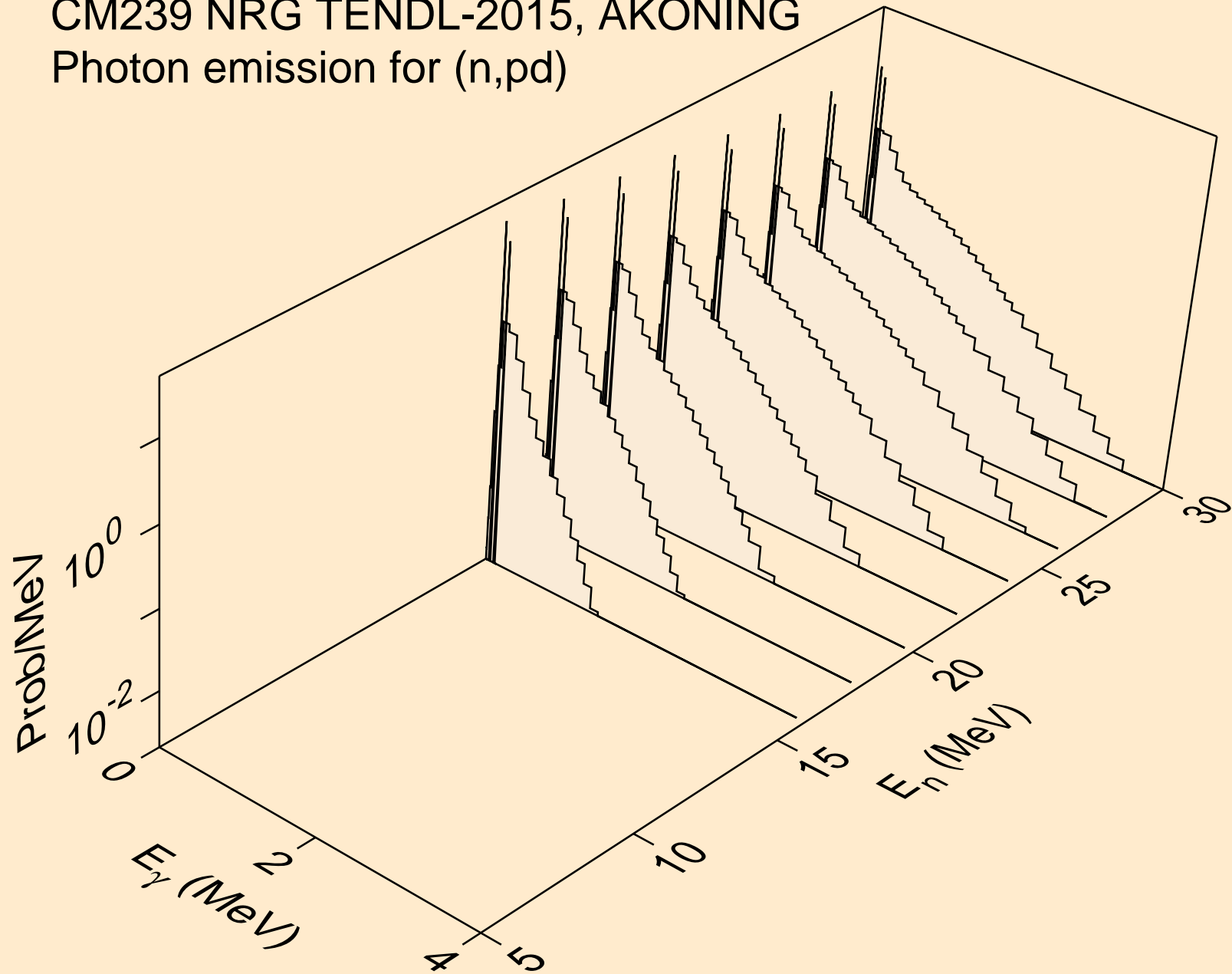
CM239 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



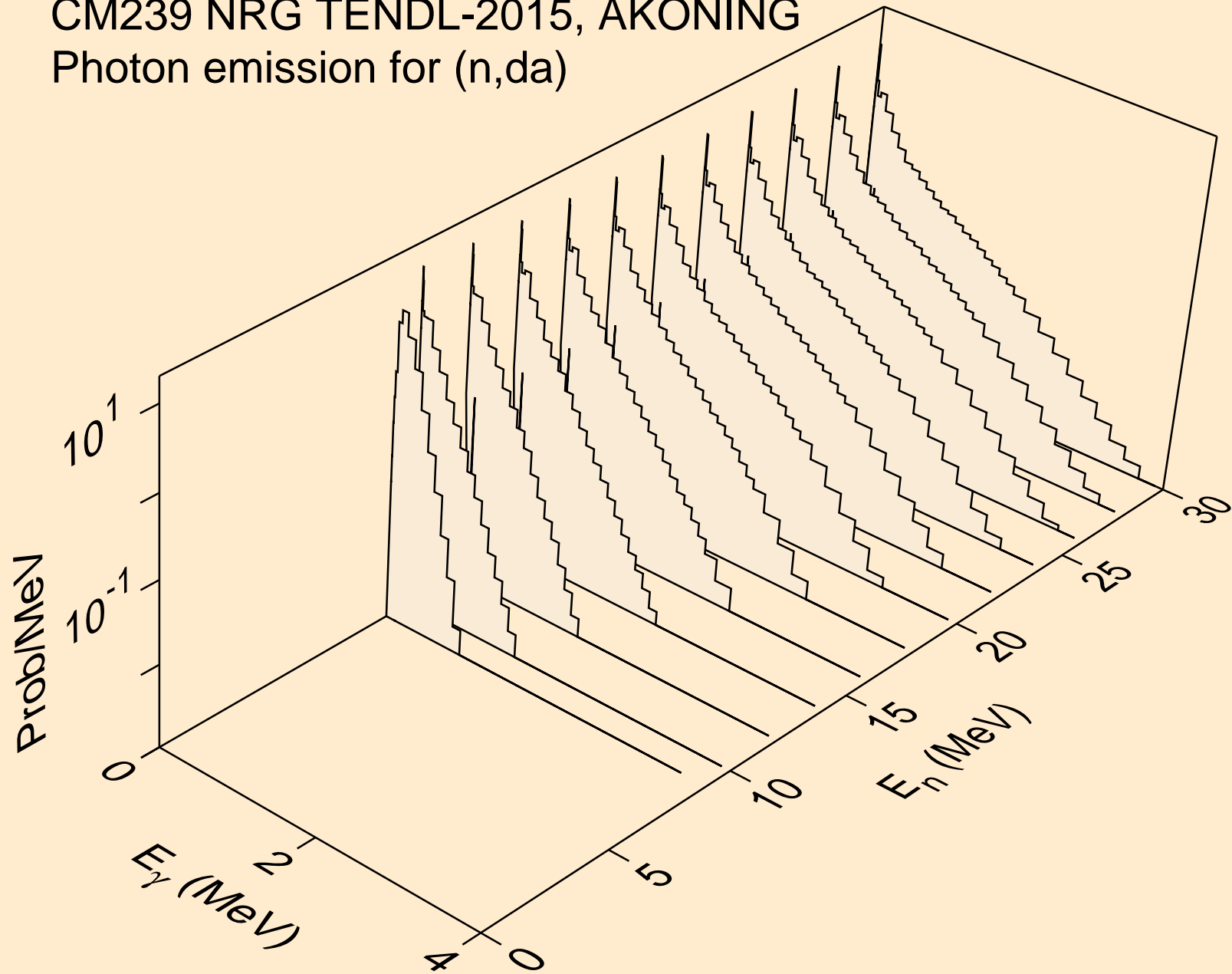
CM239 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



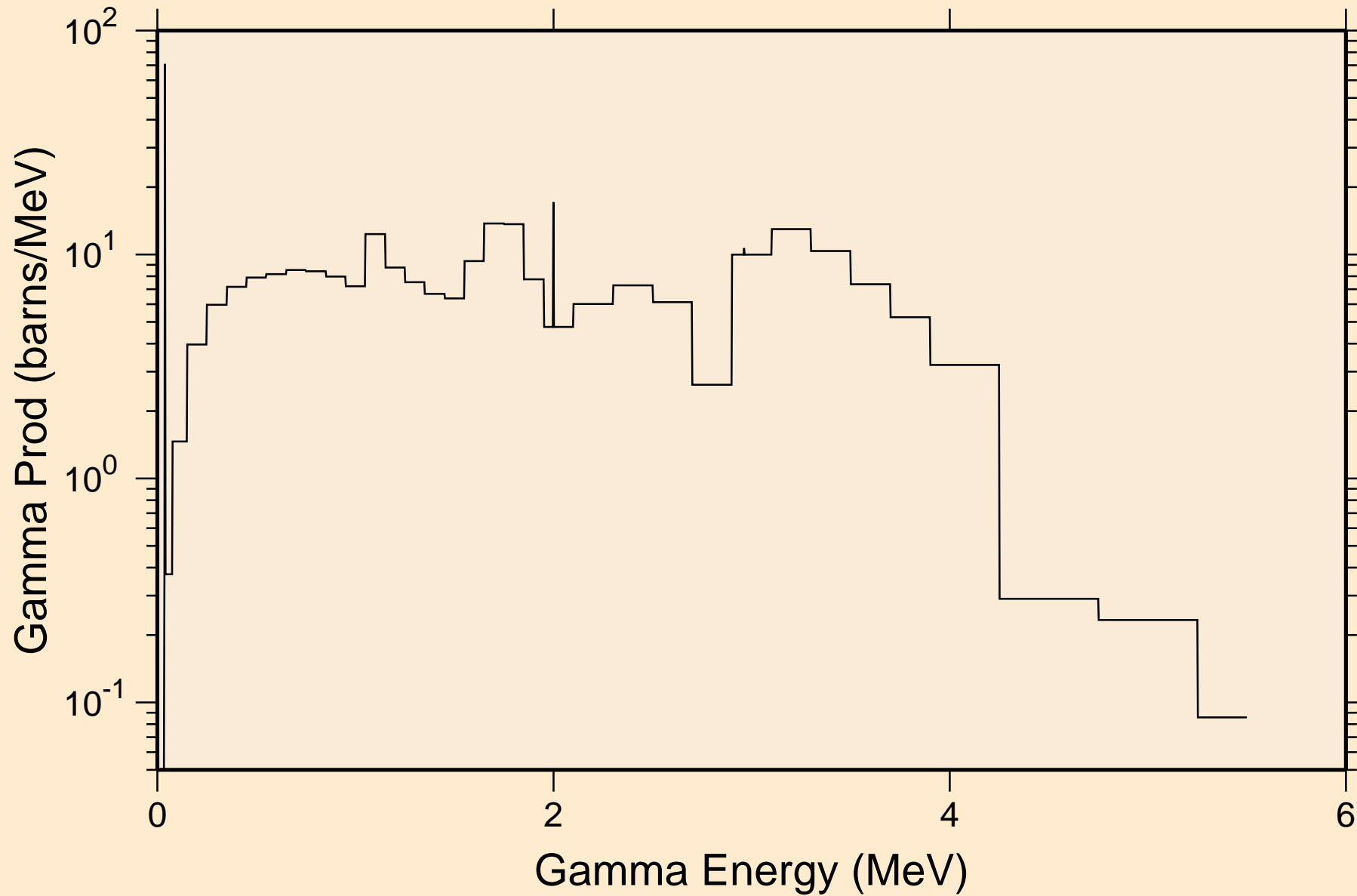
CM239 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



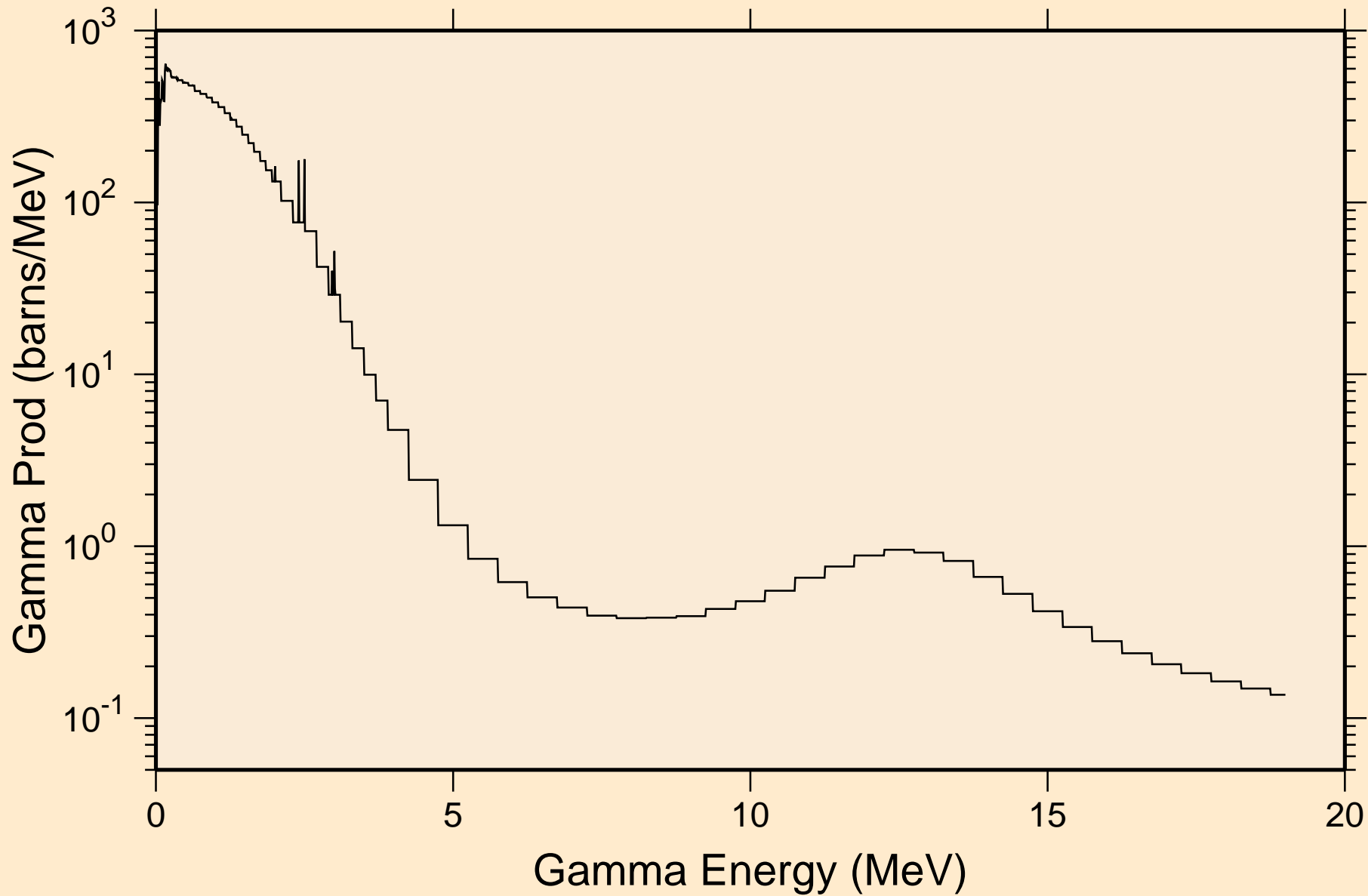
CM239 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



CM239 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

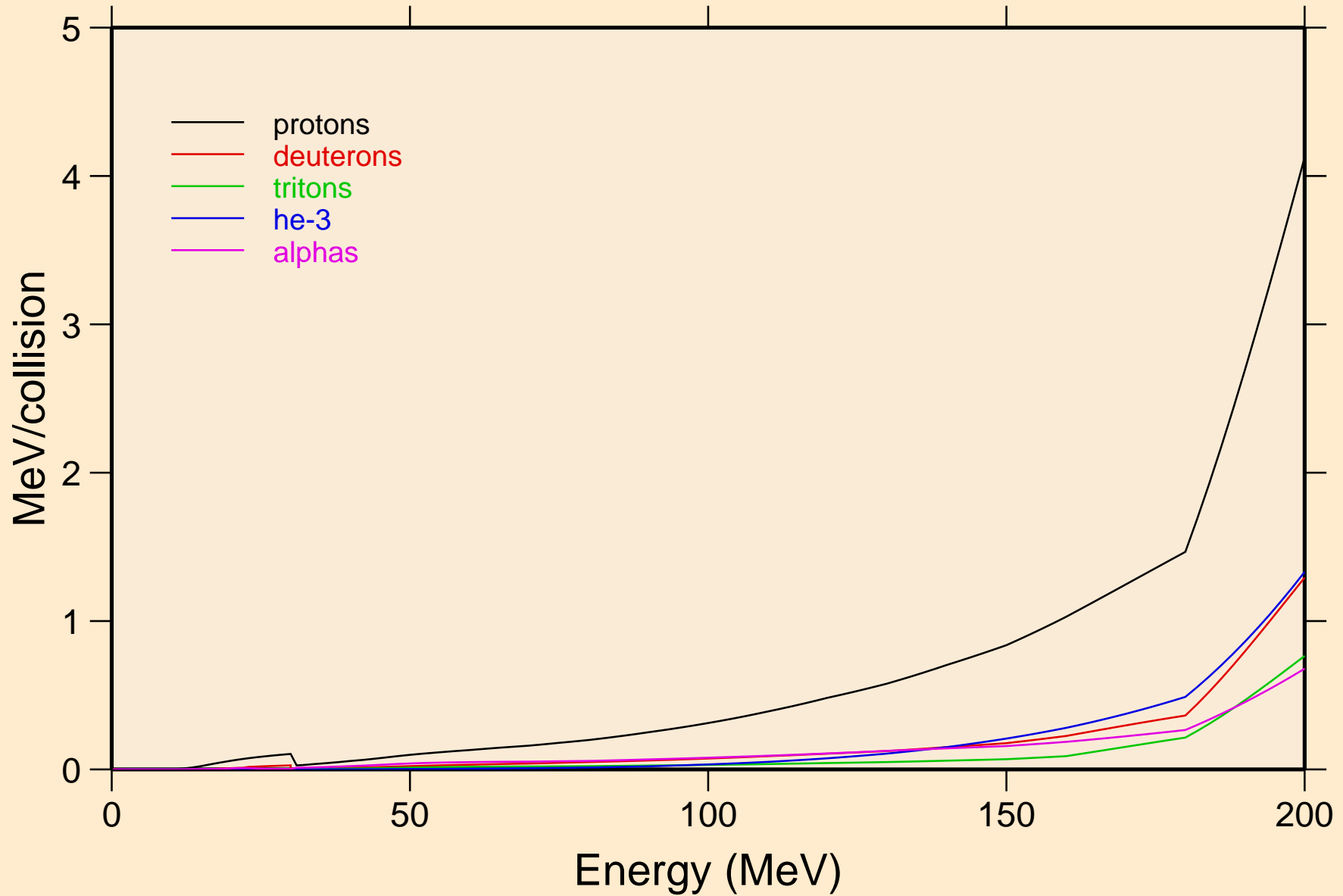


CM239 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



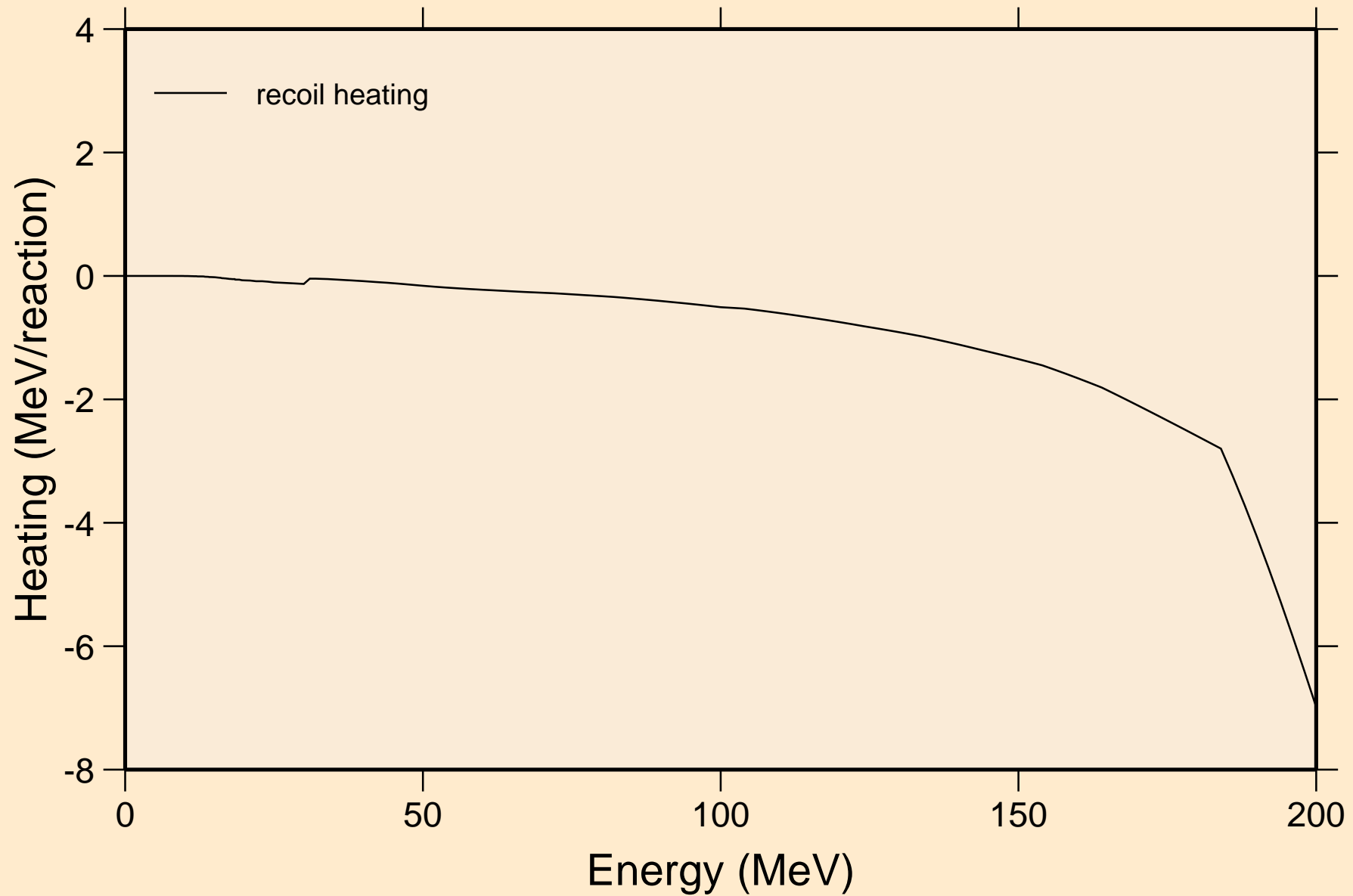
# CM239 NRG TENDL-2015, AKONING

## Particle heating contributions



# CM239 NRG TENDL-2015, AKONING

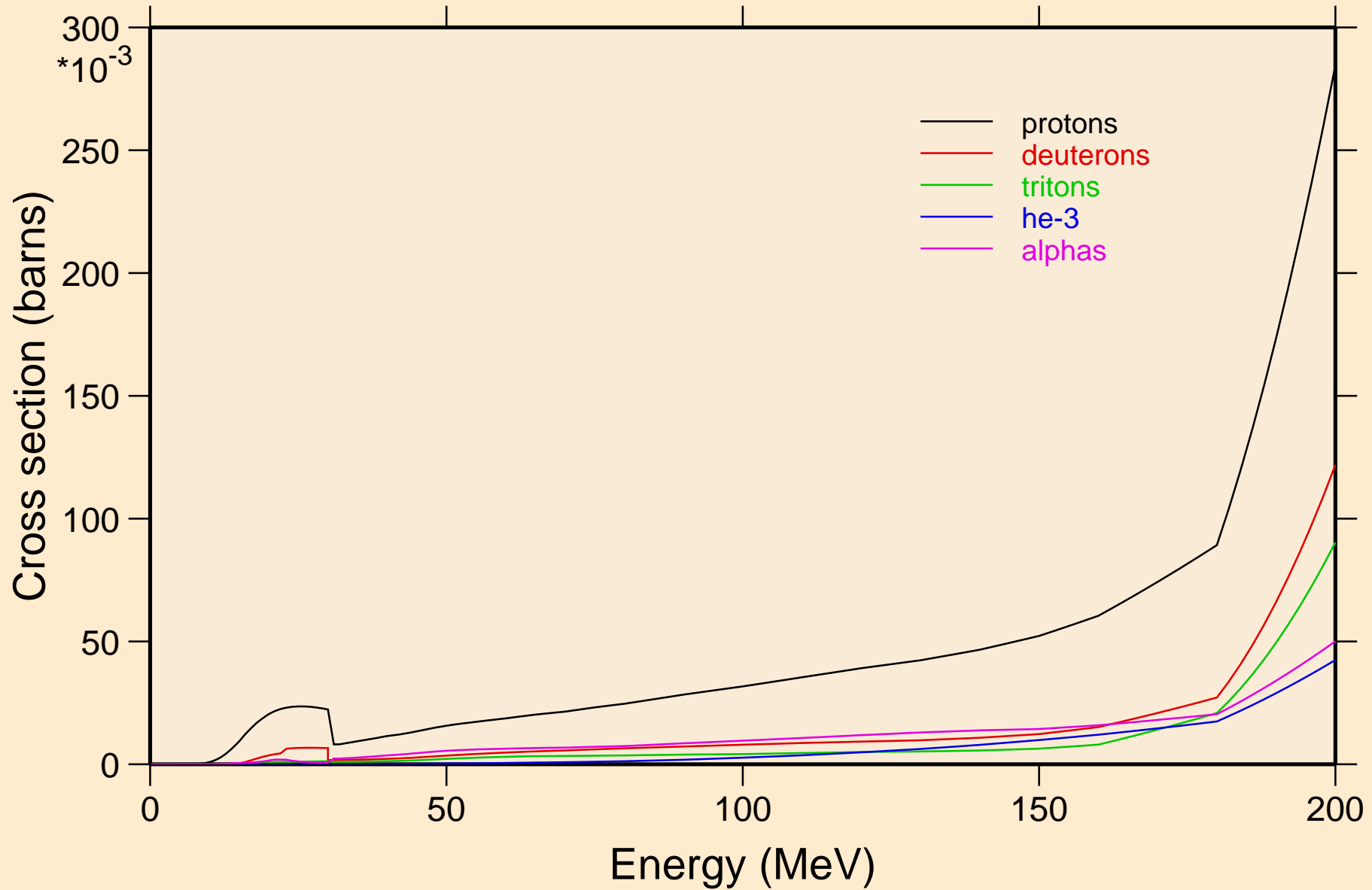
## Recoil Heating



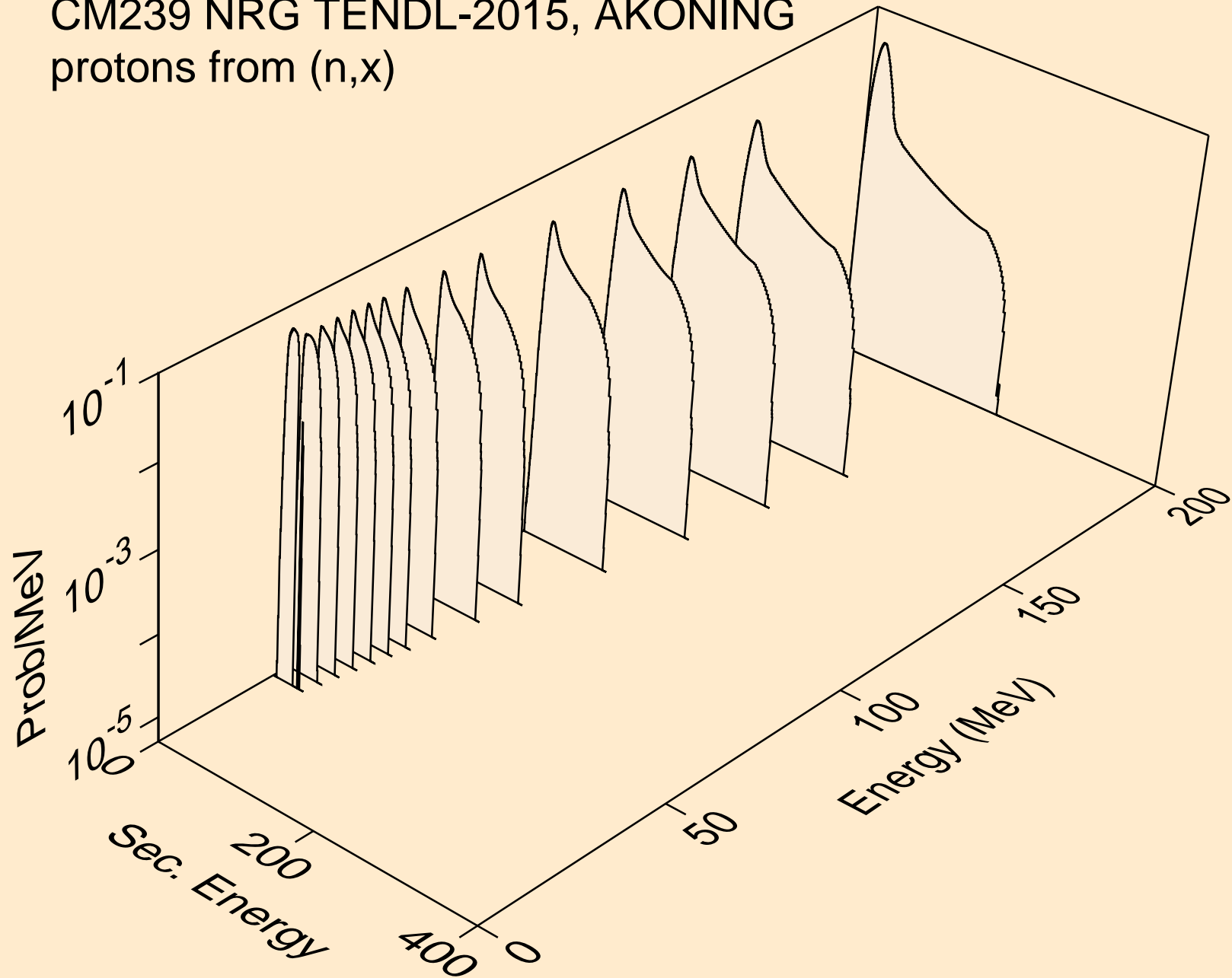


# CM239 NRG TENDL-2015, AKONING

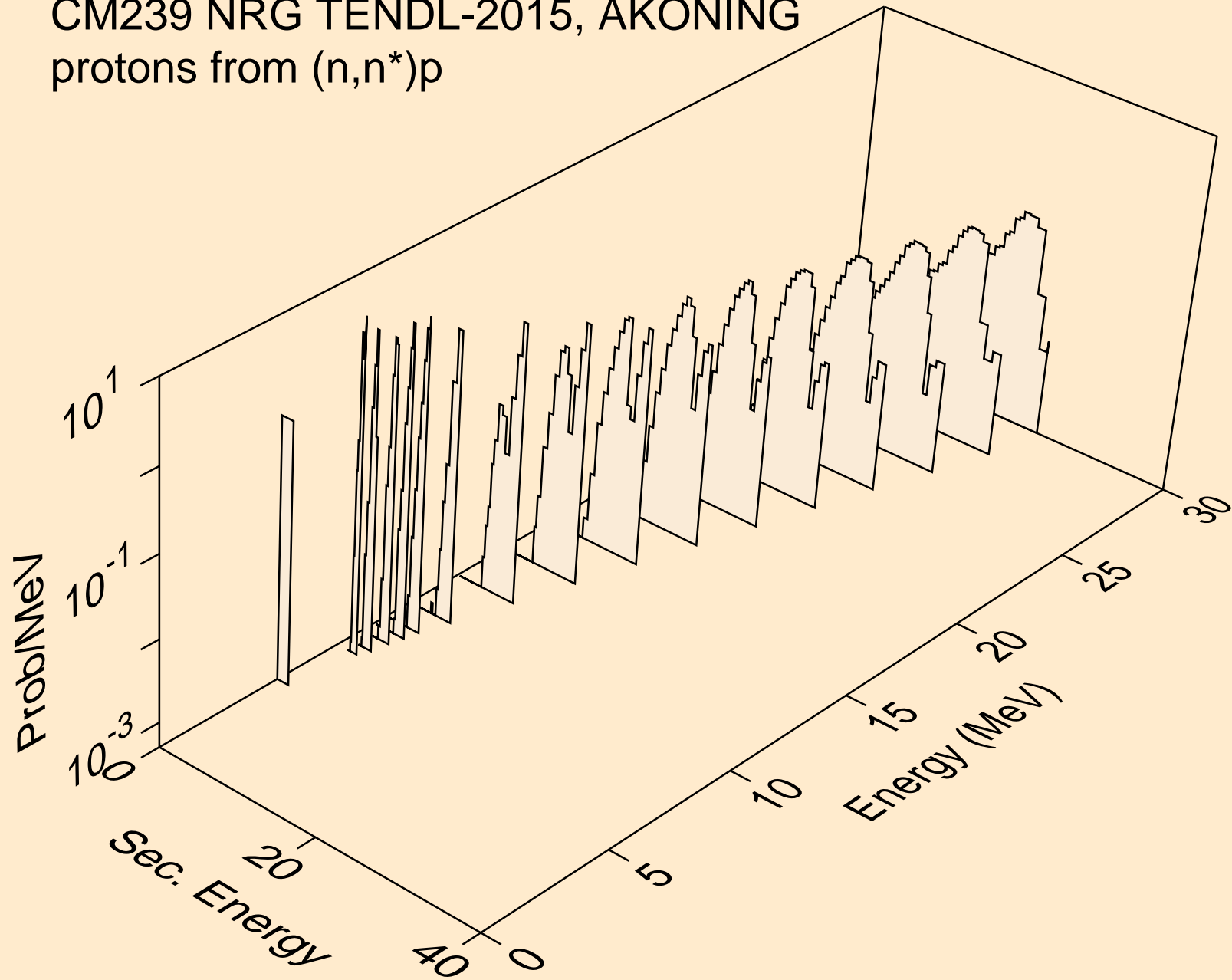
## Particle production cross sections



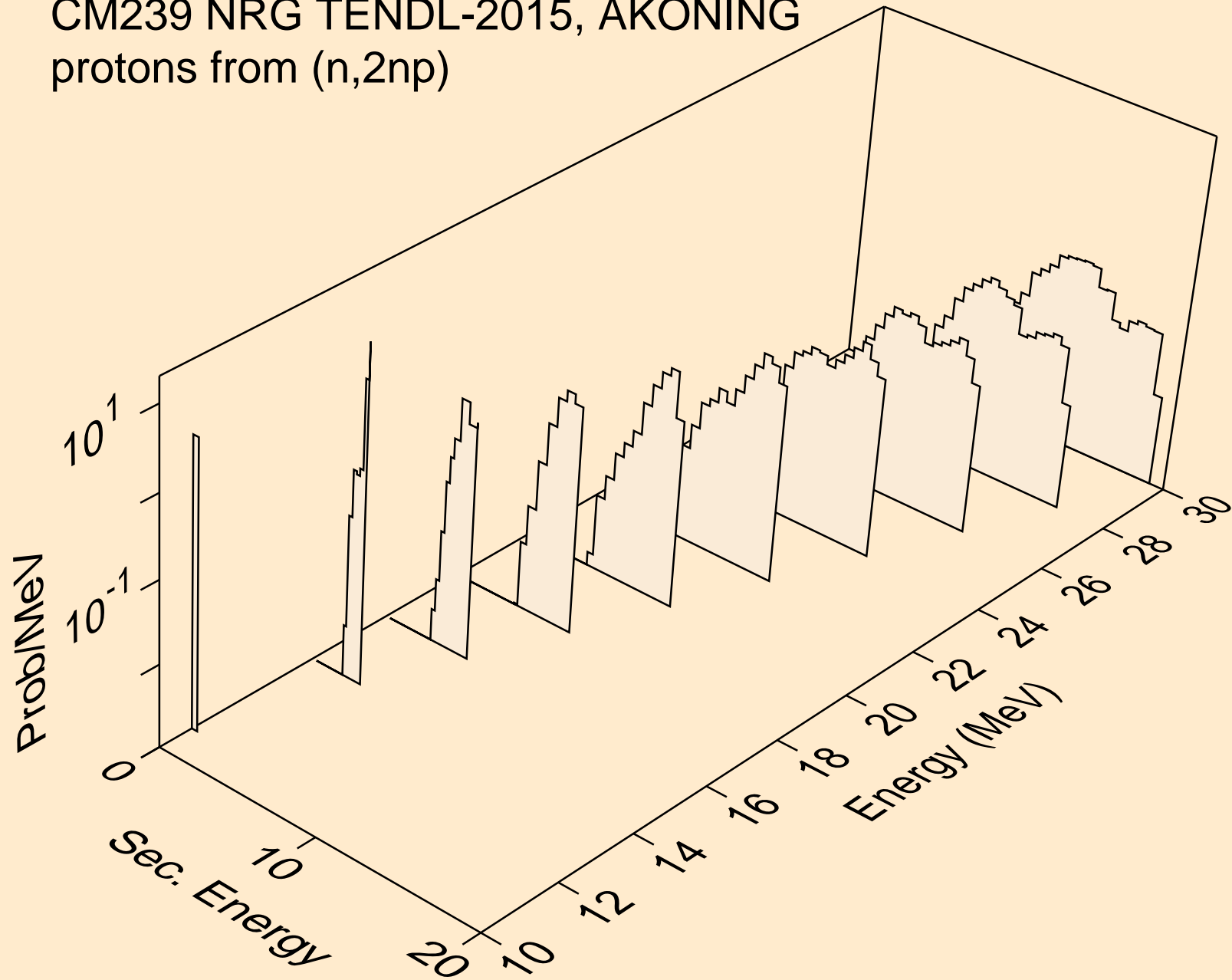
CM239 NRG TENDL-2015, AKONING  
protons from (n,x)



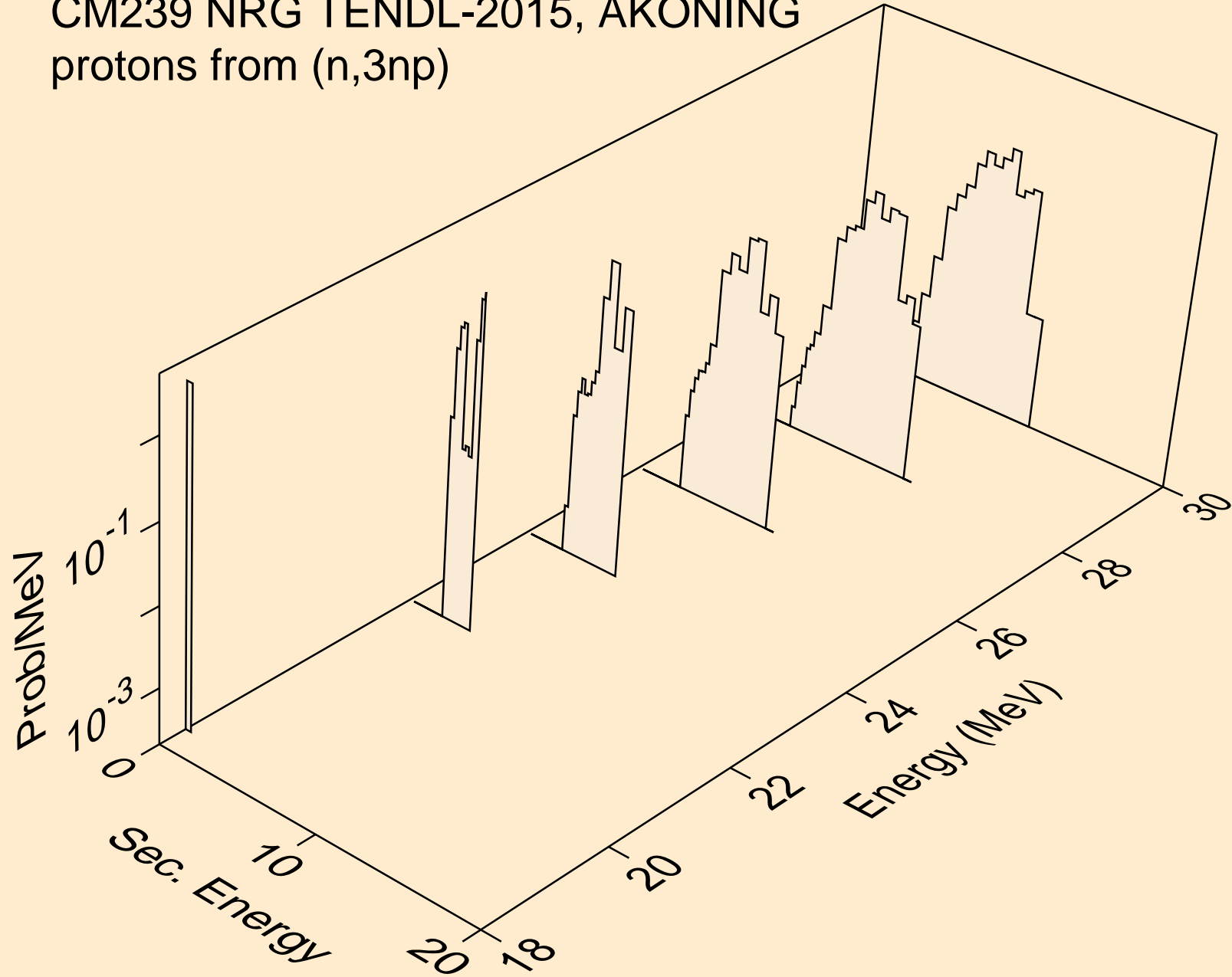
CM239 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



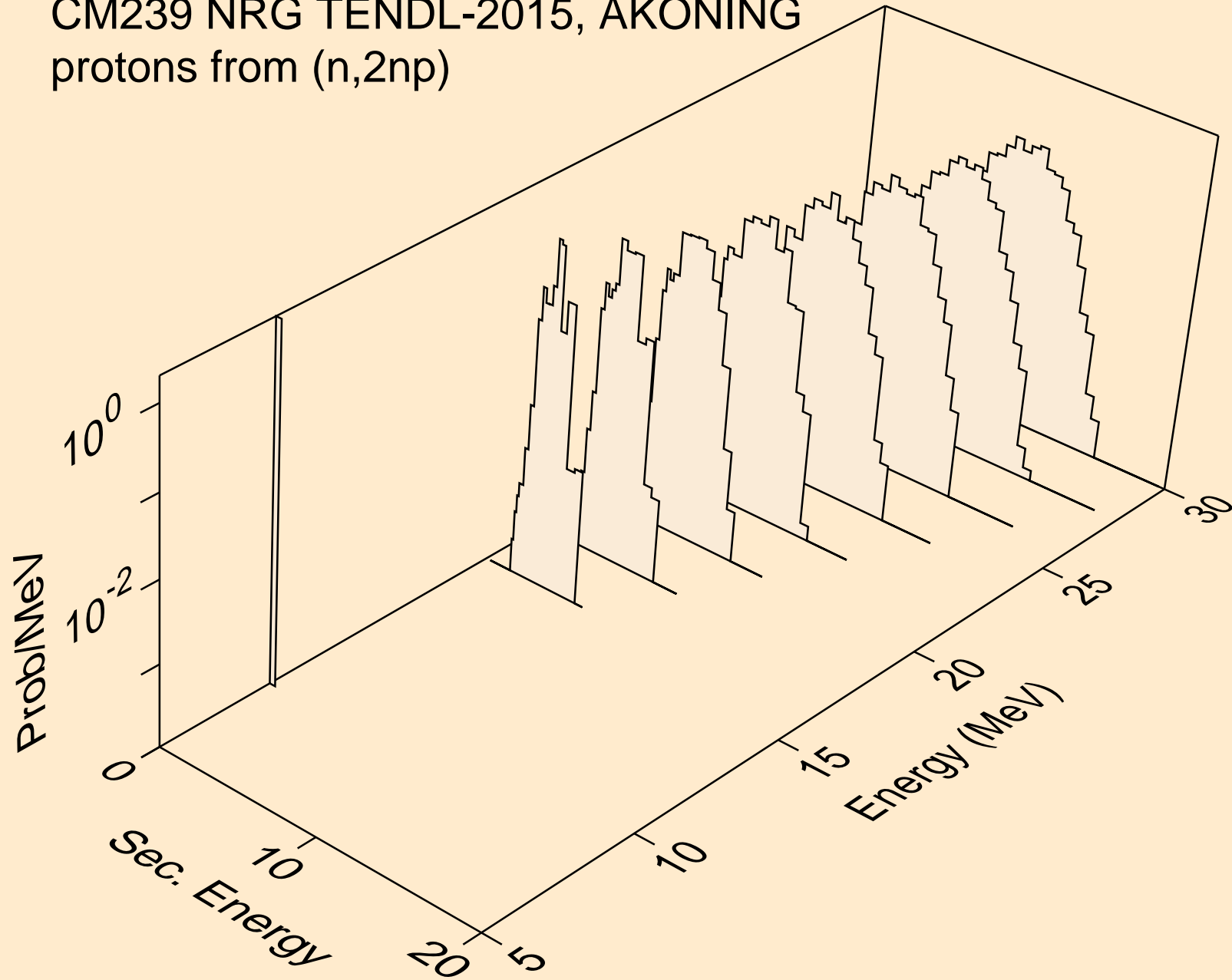
CM239 NRG TENDL-2015, AKONING  
protons from (n,2np)



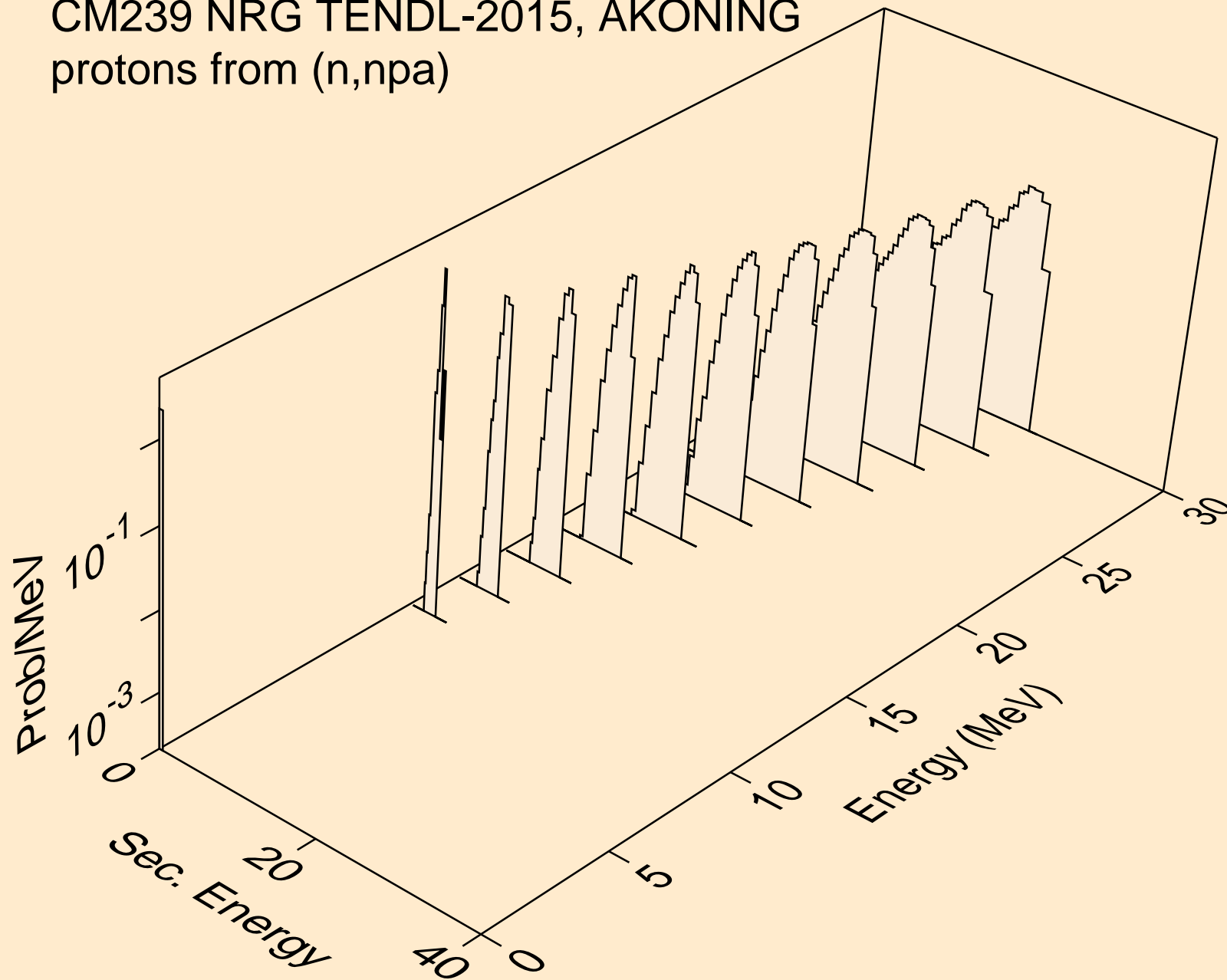
CM239 NRG TENDL-2015, AKONING  
protons from (n,3np)



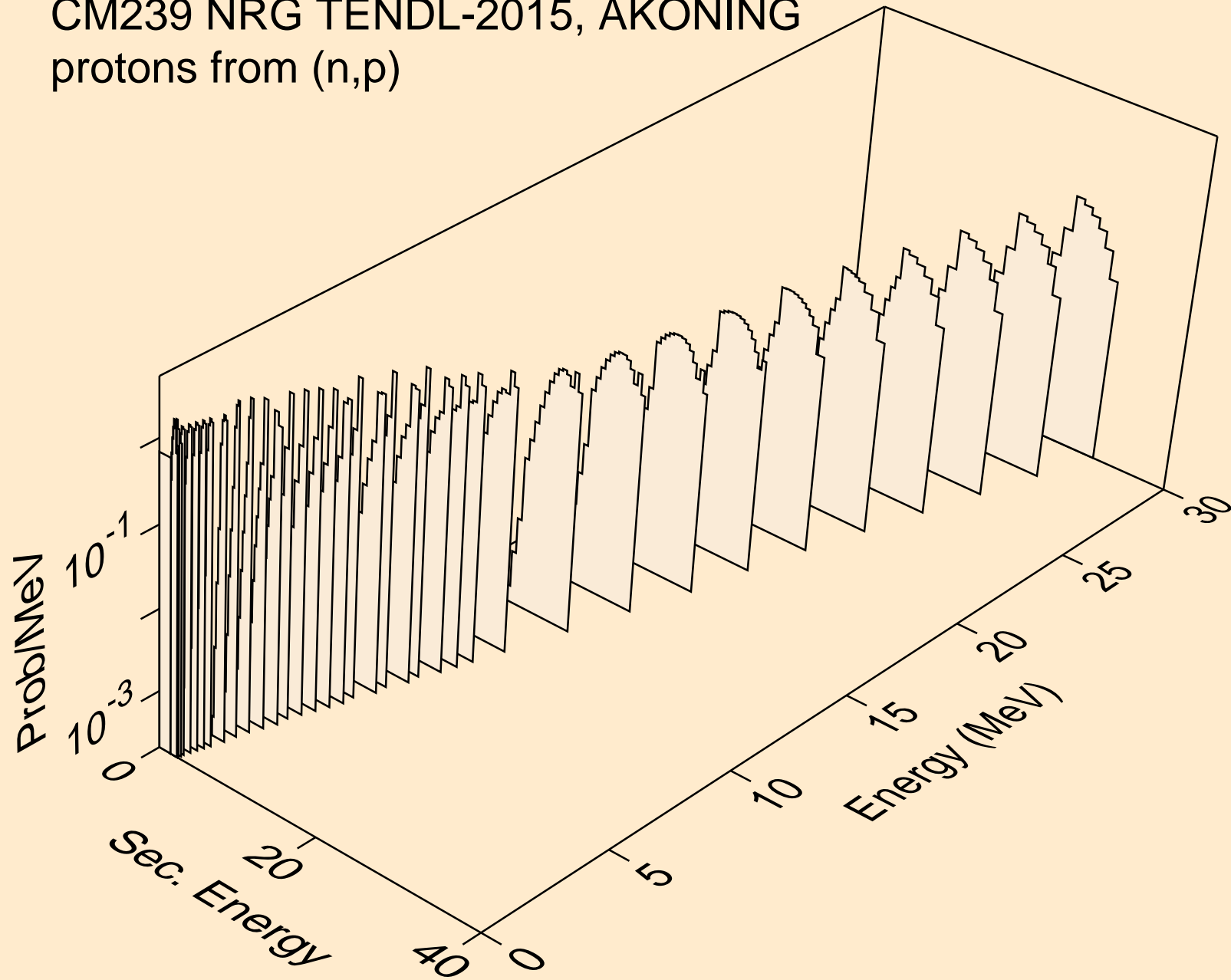
CM239 NRG TENDL-2015, AKONING  
protons from (n,2np)



CM239 NRG TENDL-2015, AKONING  
protons from (n,npa)

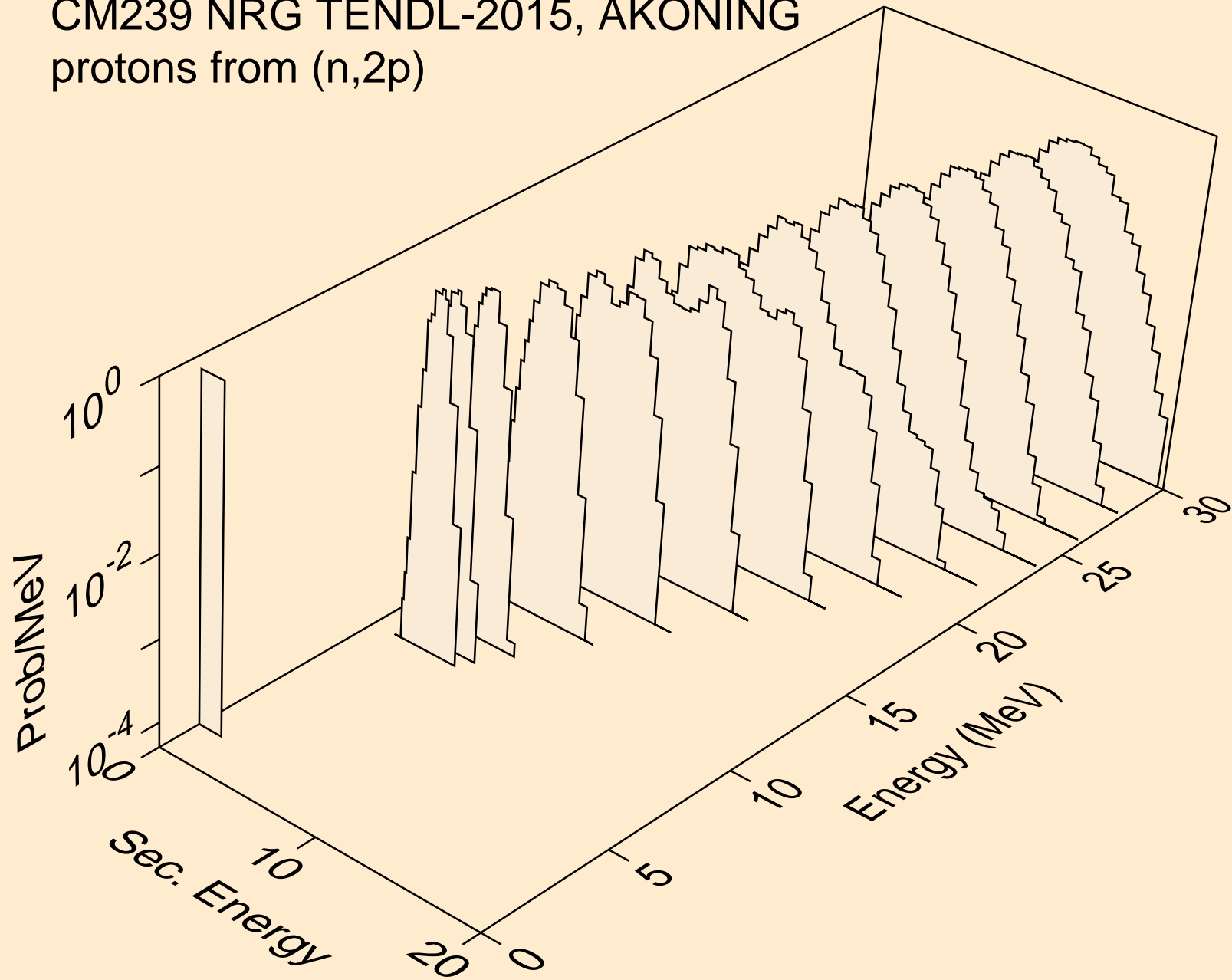


CM239 NRG TENDL-2015, AKONING  
protons from (n,p)

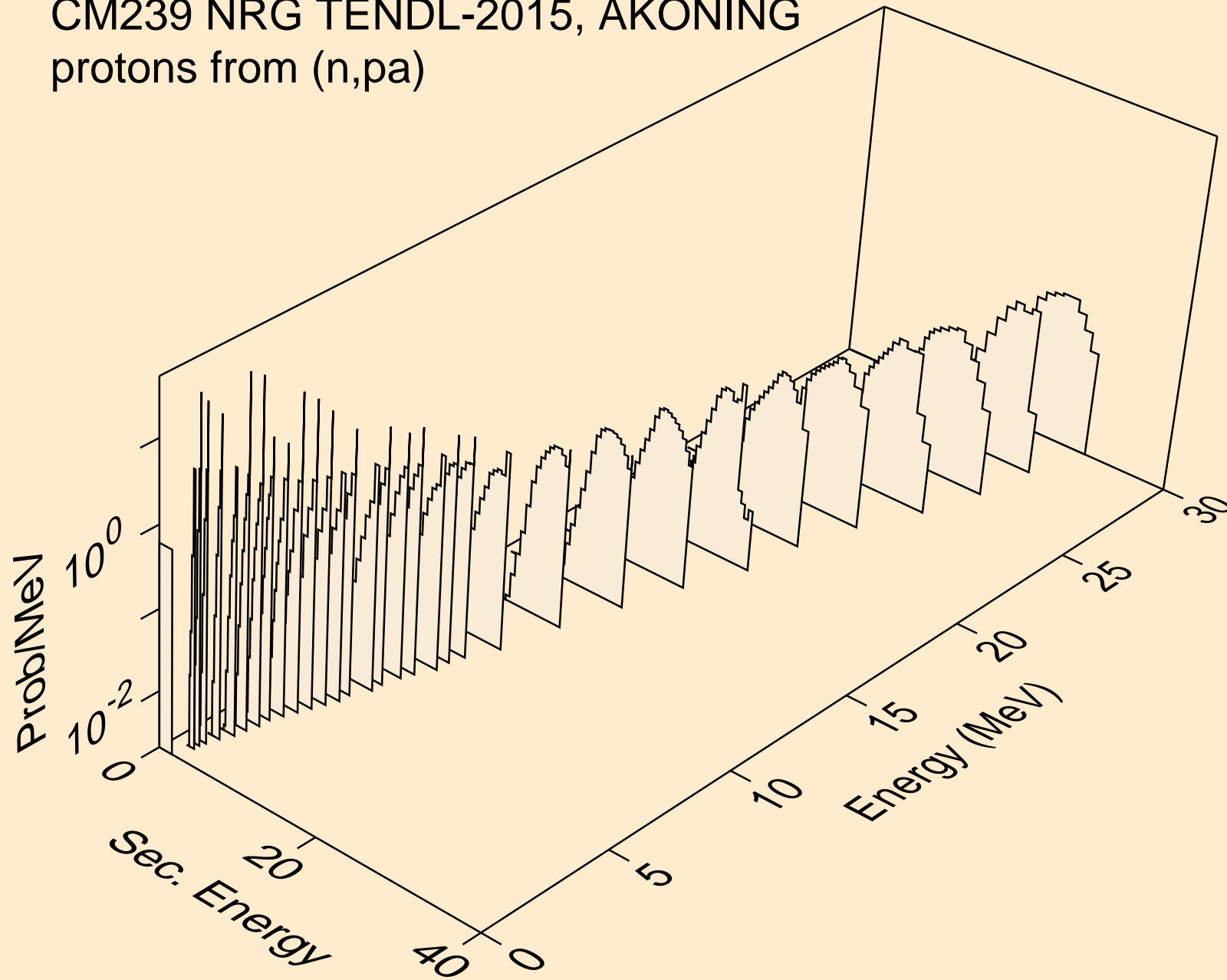




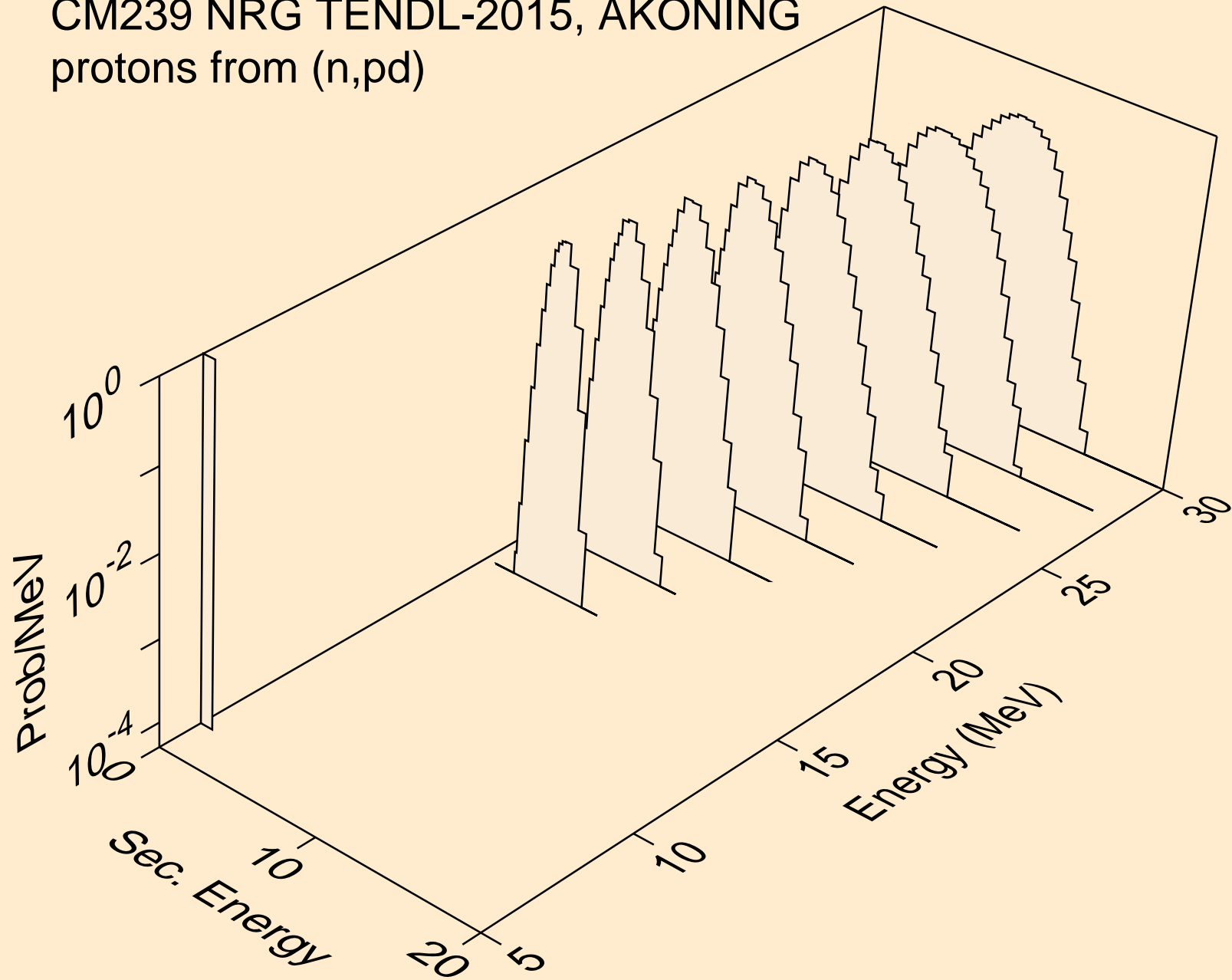
CM239 NRG TENDL-2015, AKONING  
protons from (n,2p)



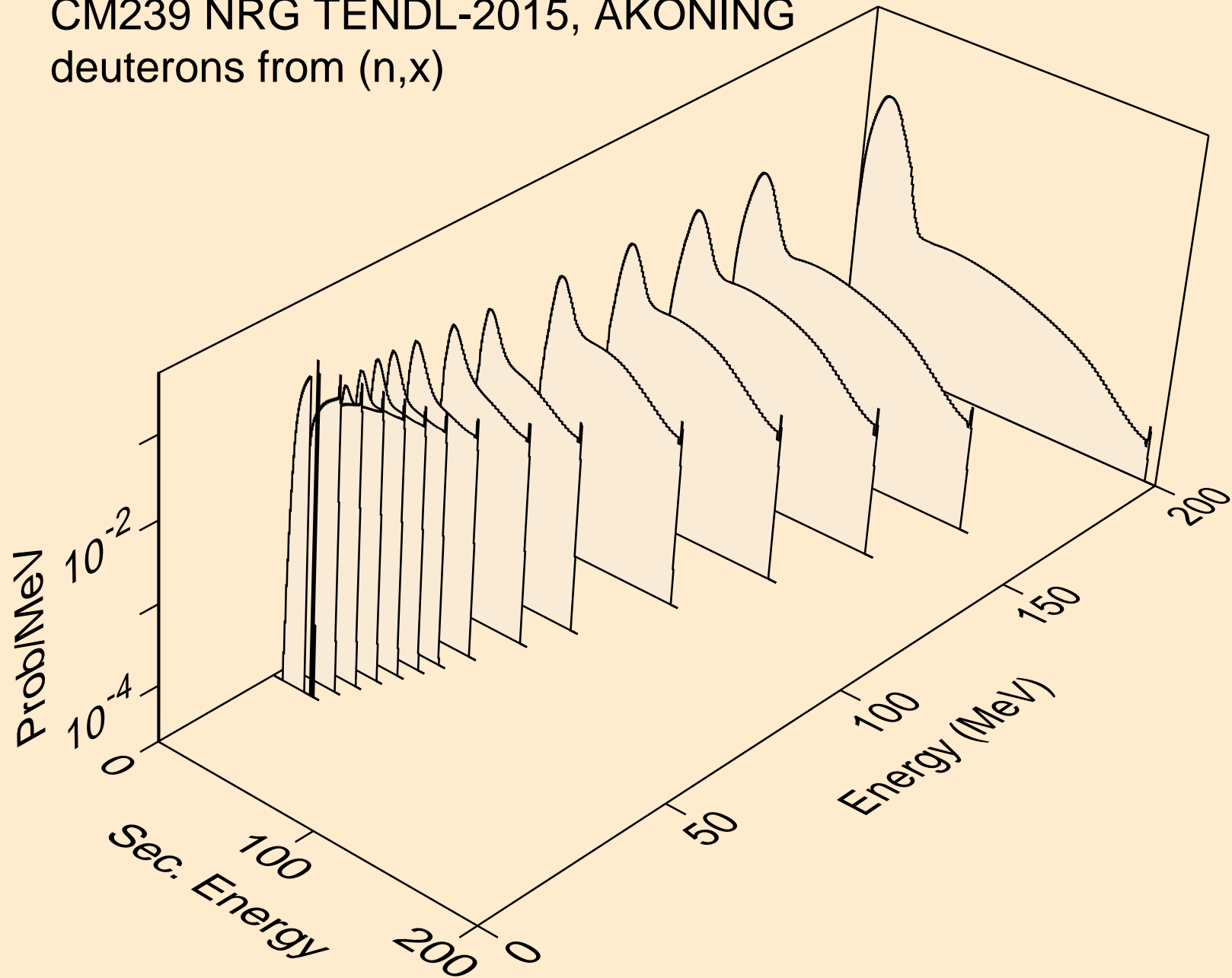
CM239 NRG TENDL-2015, AKONING  
protons from (n,pa)



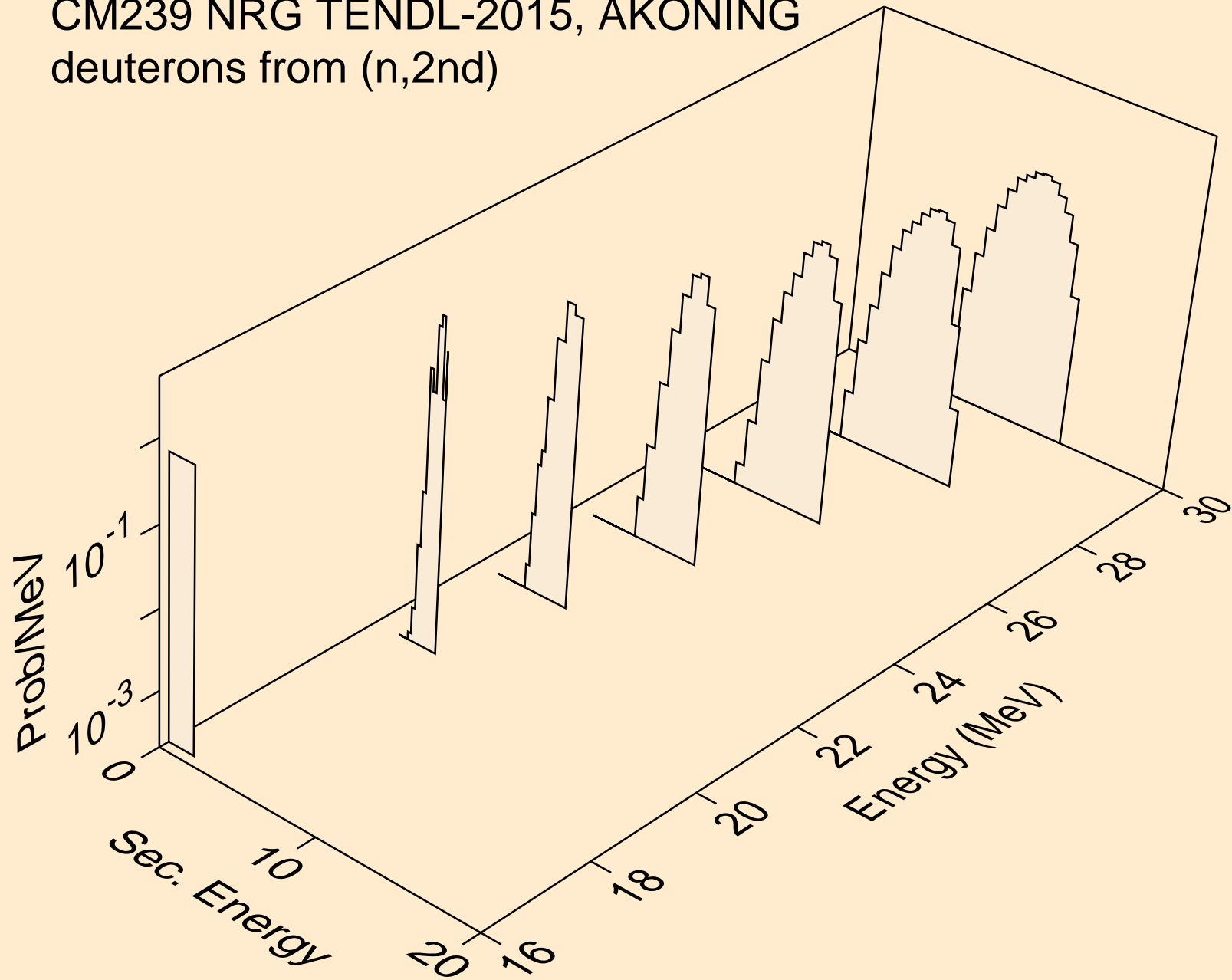
CM239 NRG TENDL-2015, AKONING  
protons from (n,pd)



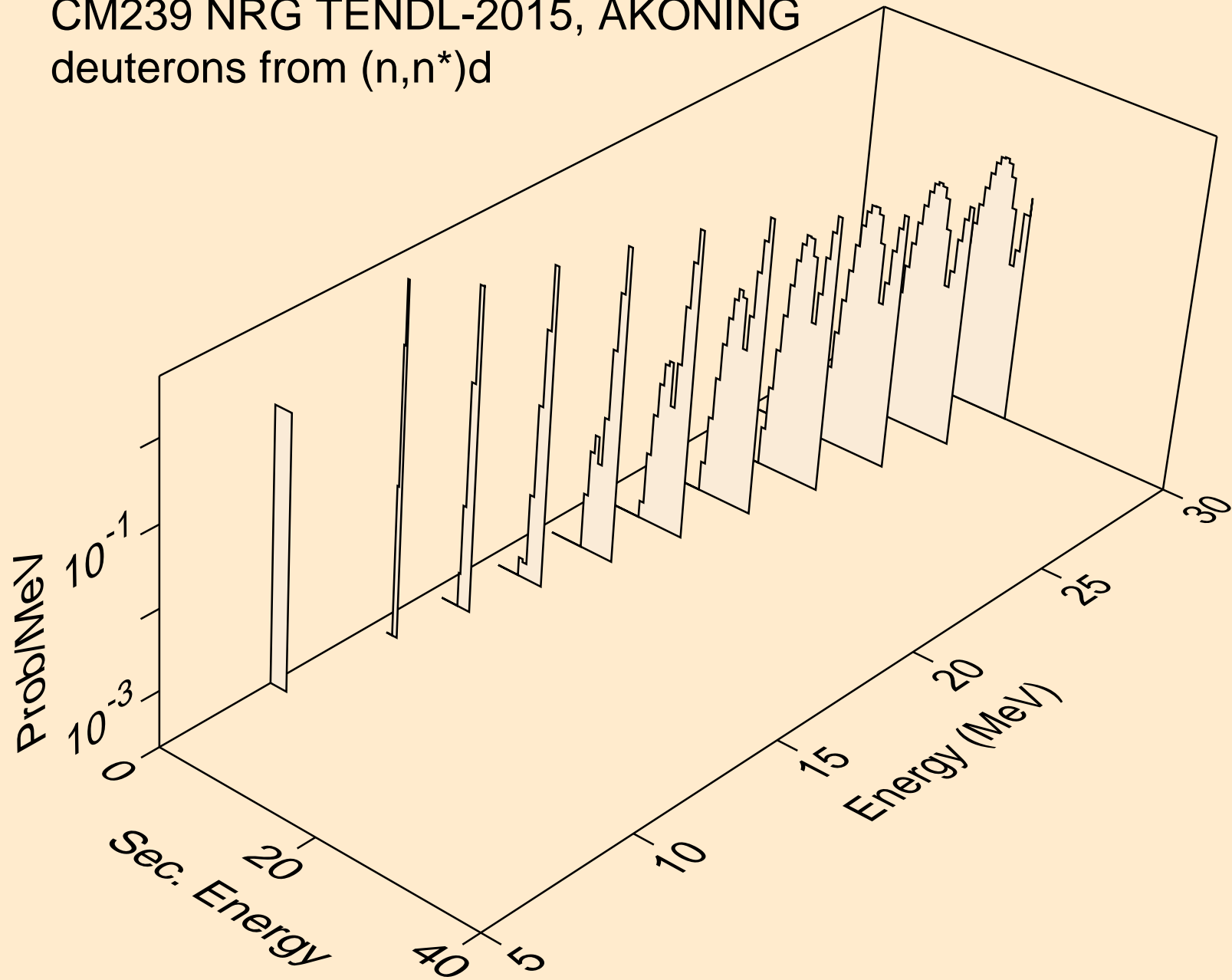
CM239 NRG TENDL-2015, AKONING  
deuterons from (n,x)



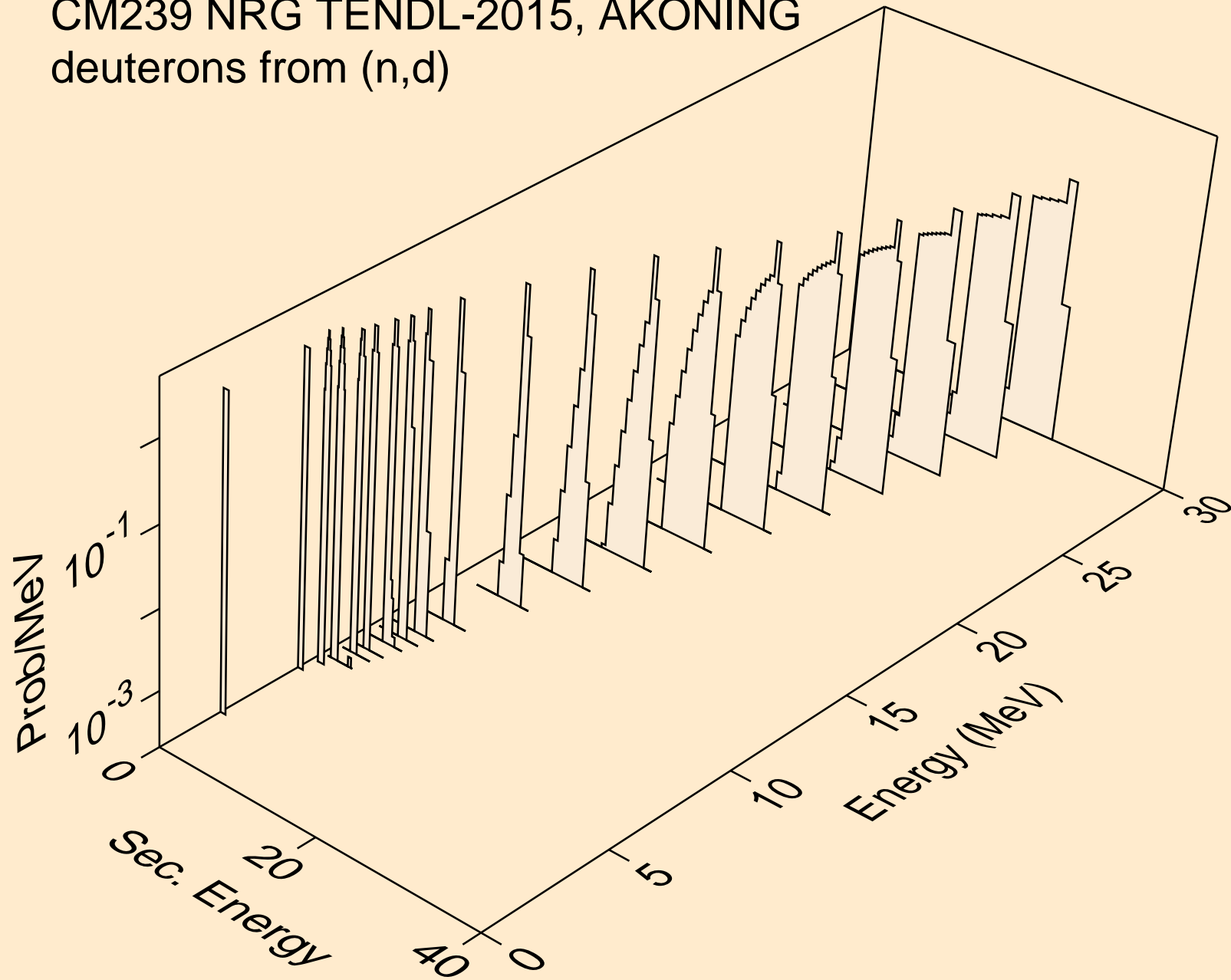
CM239 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



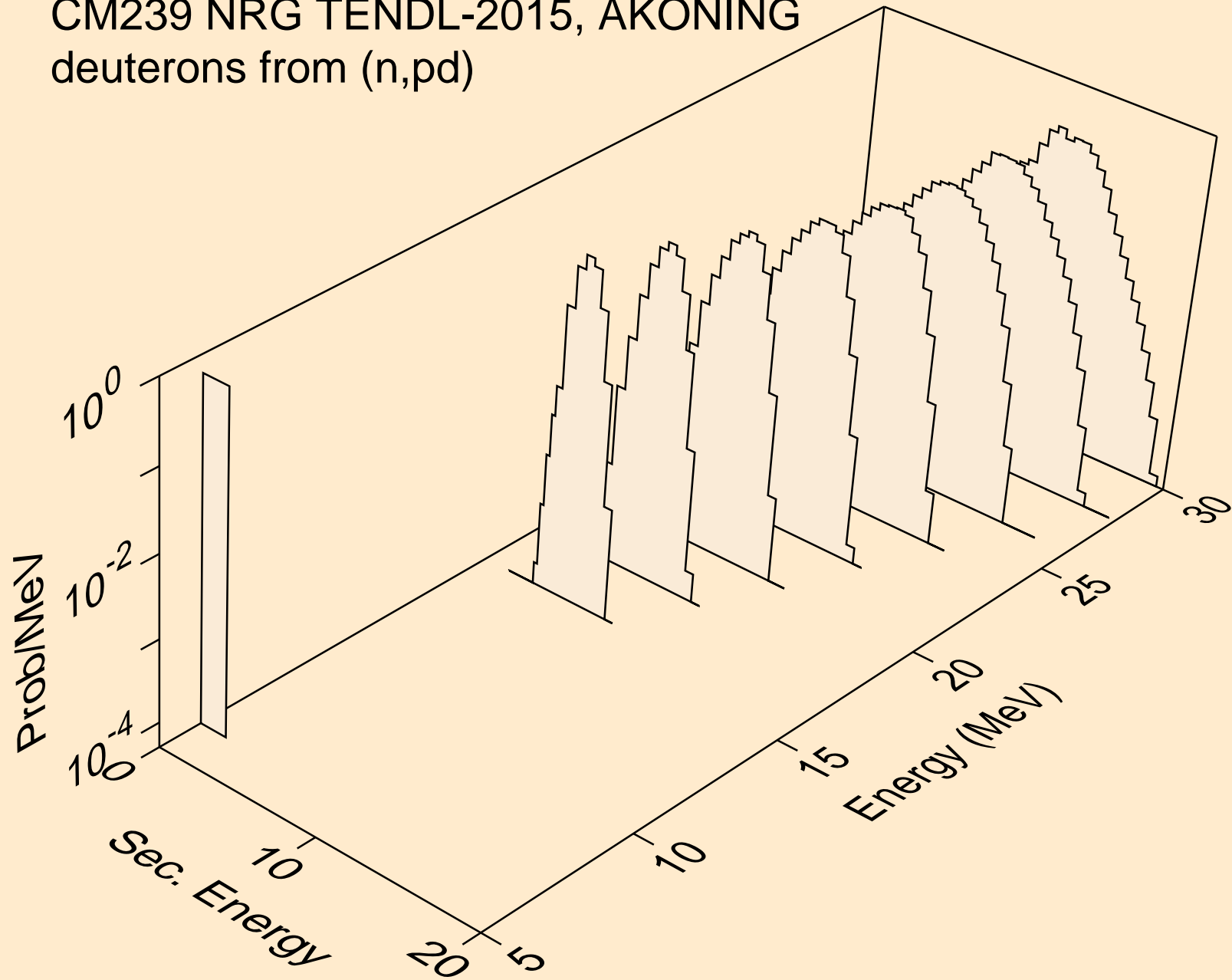
CM239 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



CM239 NRG TENDL-2015, AKONING  
deuterons from (n,d)

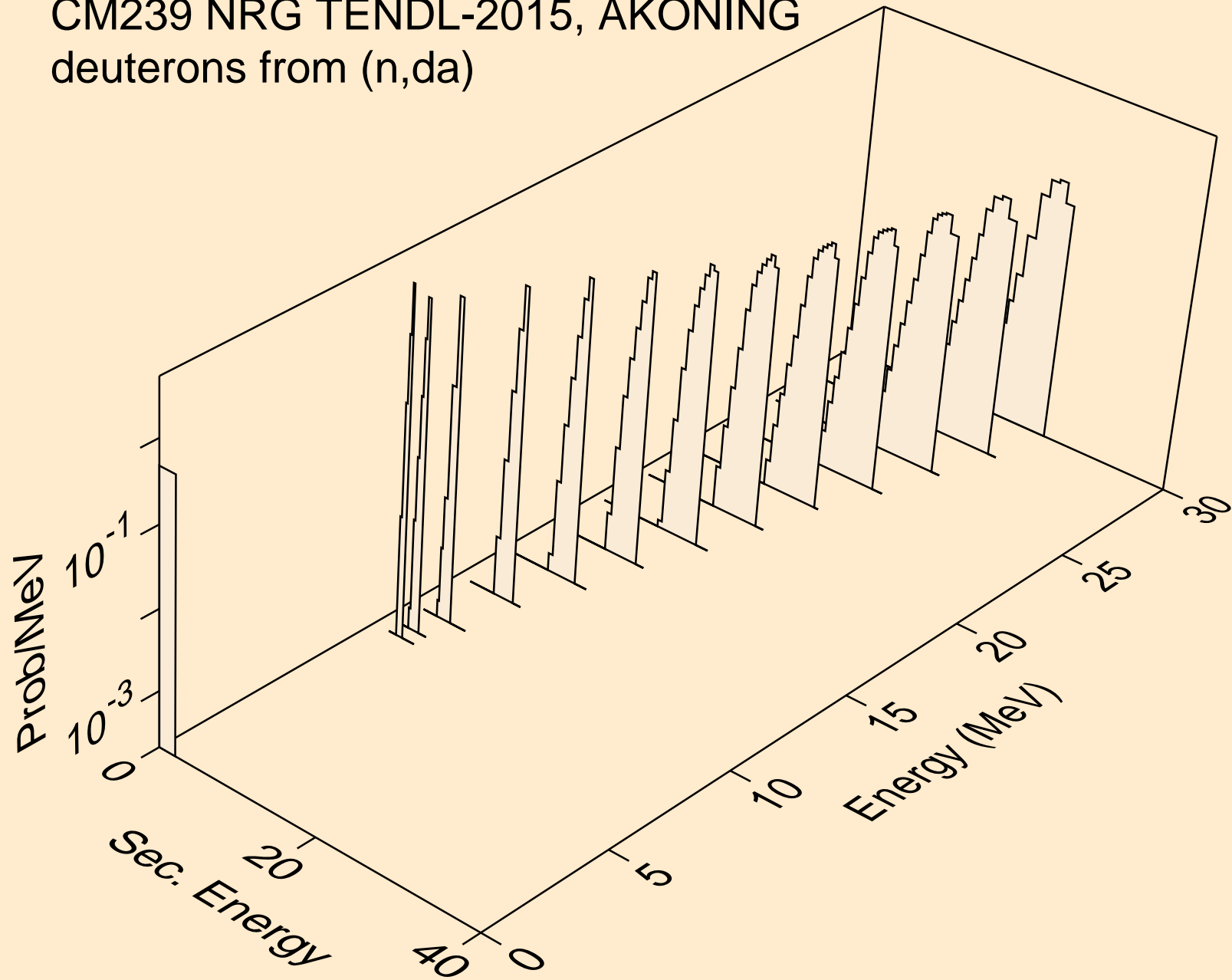


CM239 NRG TENDL-2015, AKONING  
deuterons from (n,pd)

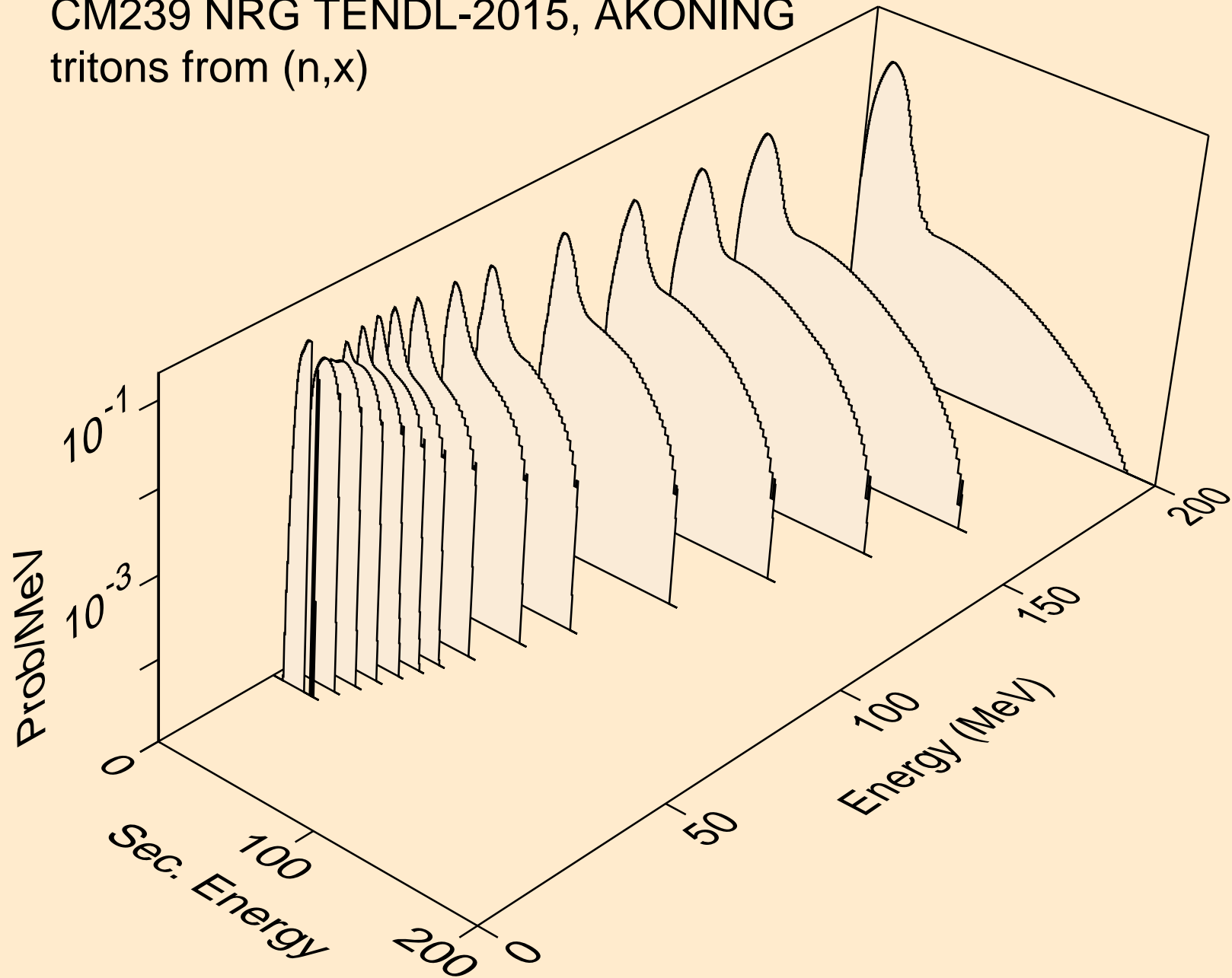




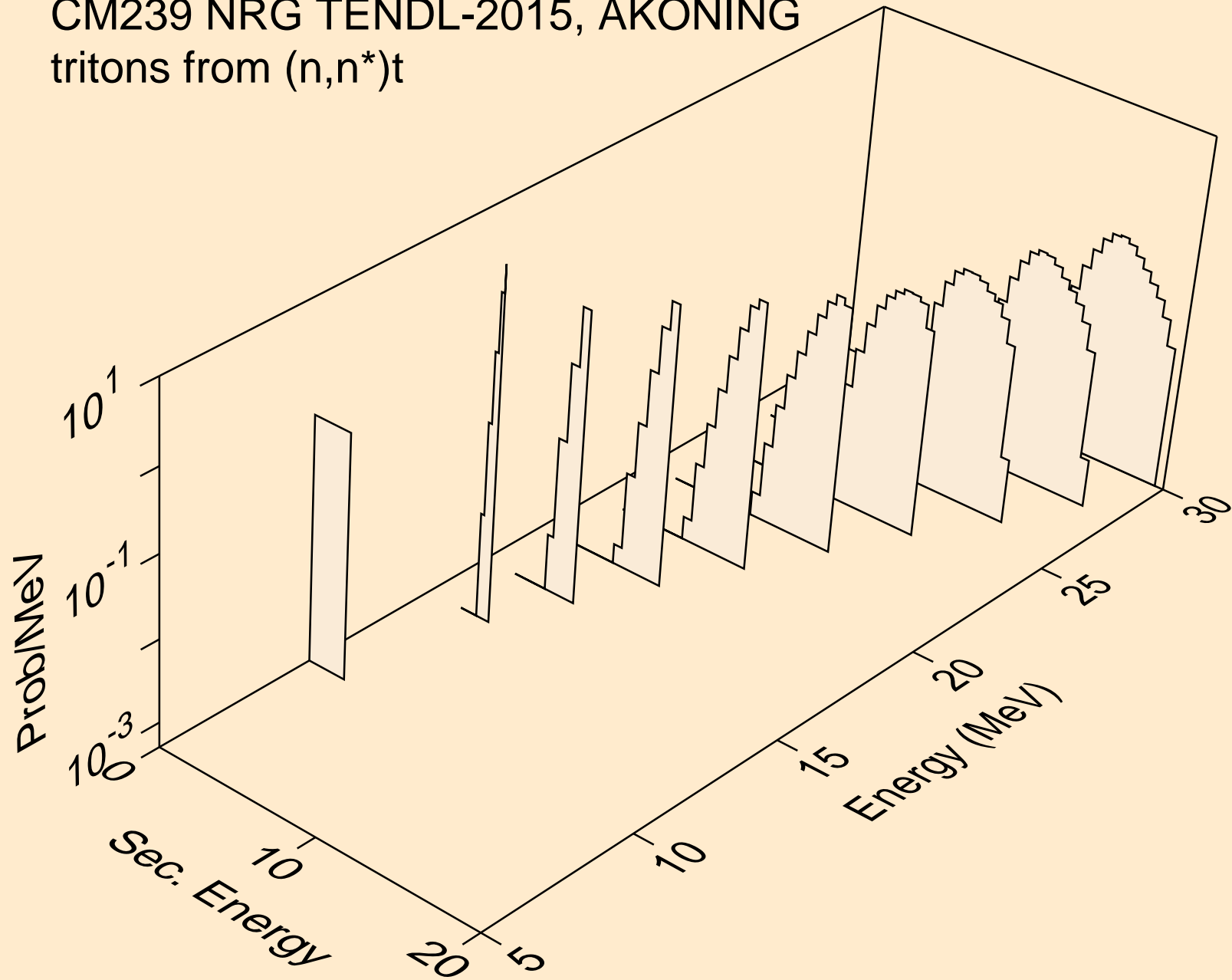
CM239 NRG TENDL-2015, AKONING  
deuterons from (n,da)



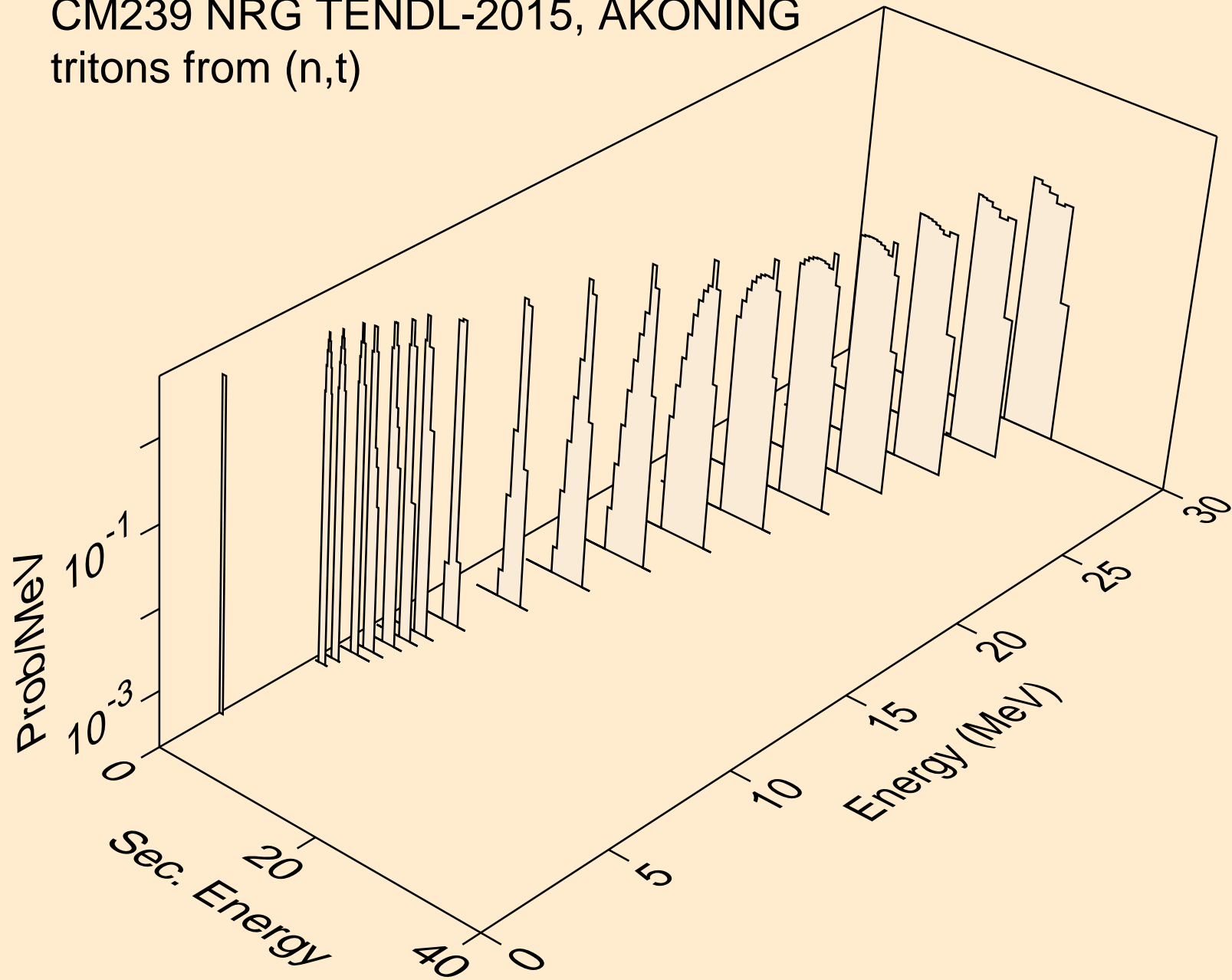
CM239 NRG TENDL-2015, AKONING  
tritons from (n,x)



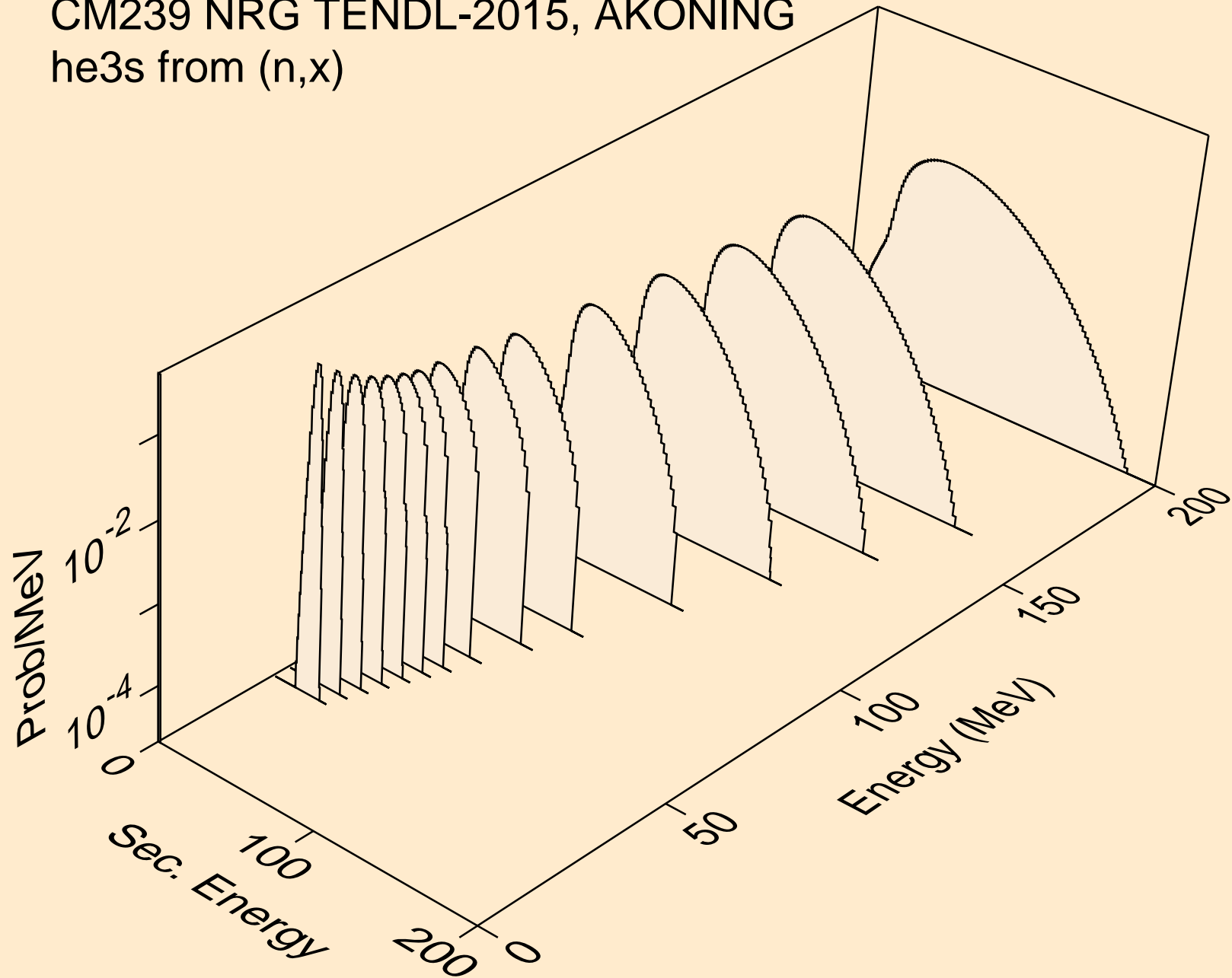
CM239 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



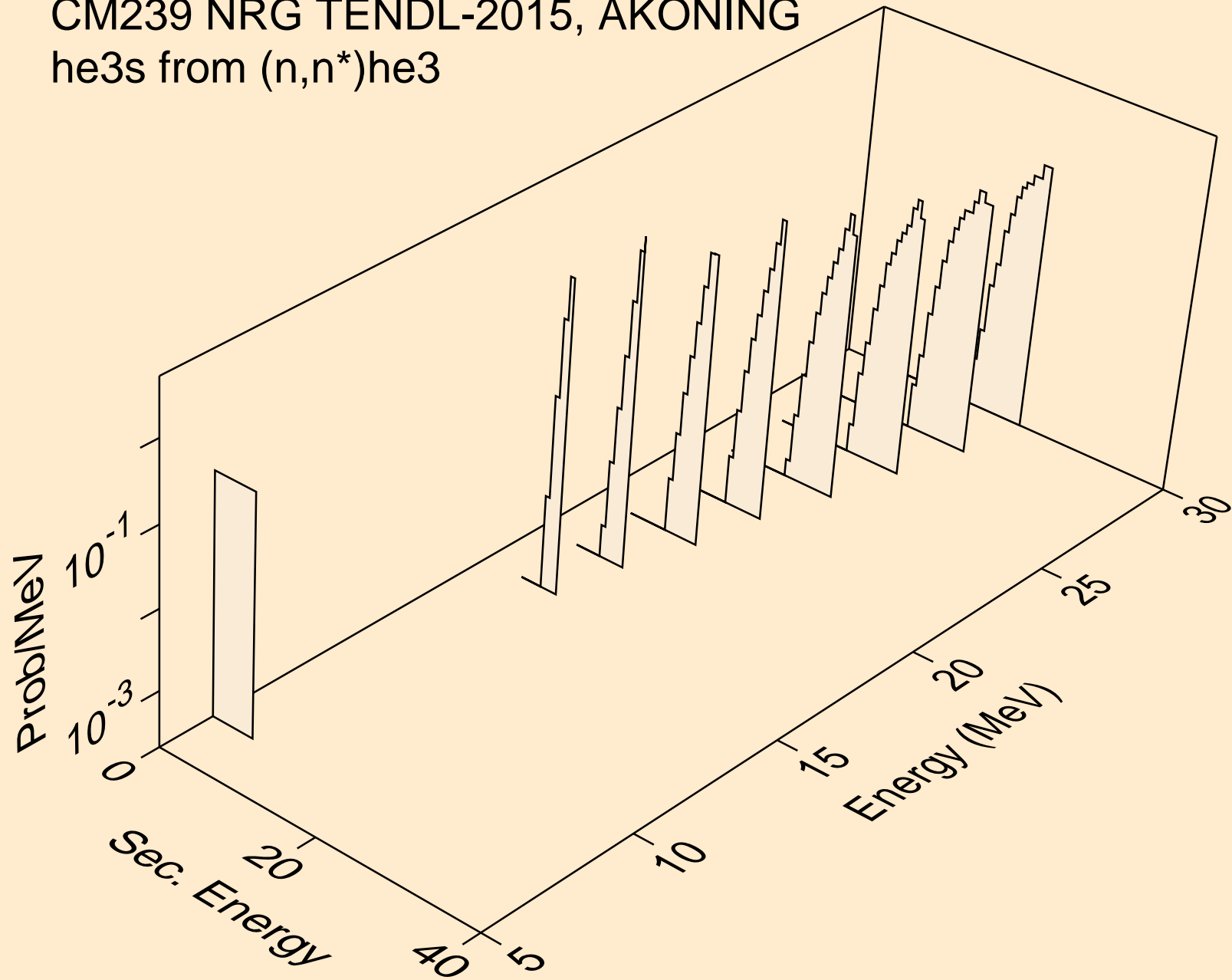
CM239 NRG TENDL-2015, AKONING  
tritons from (n,t)



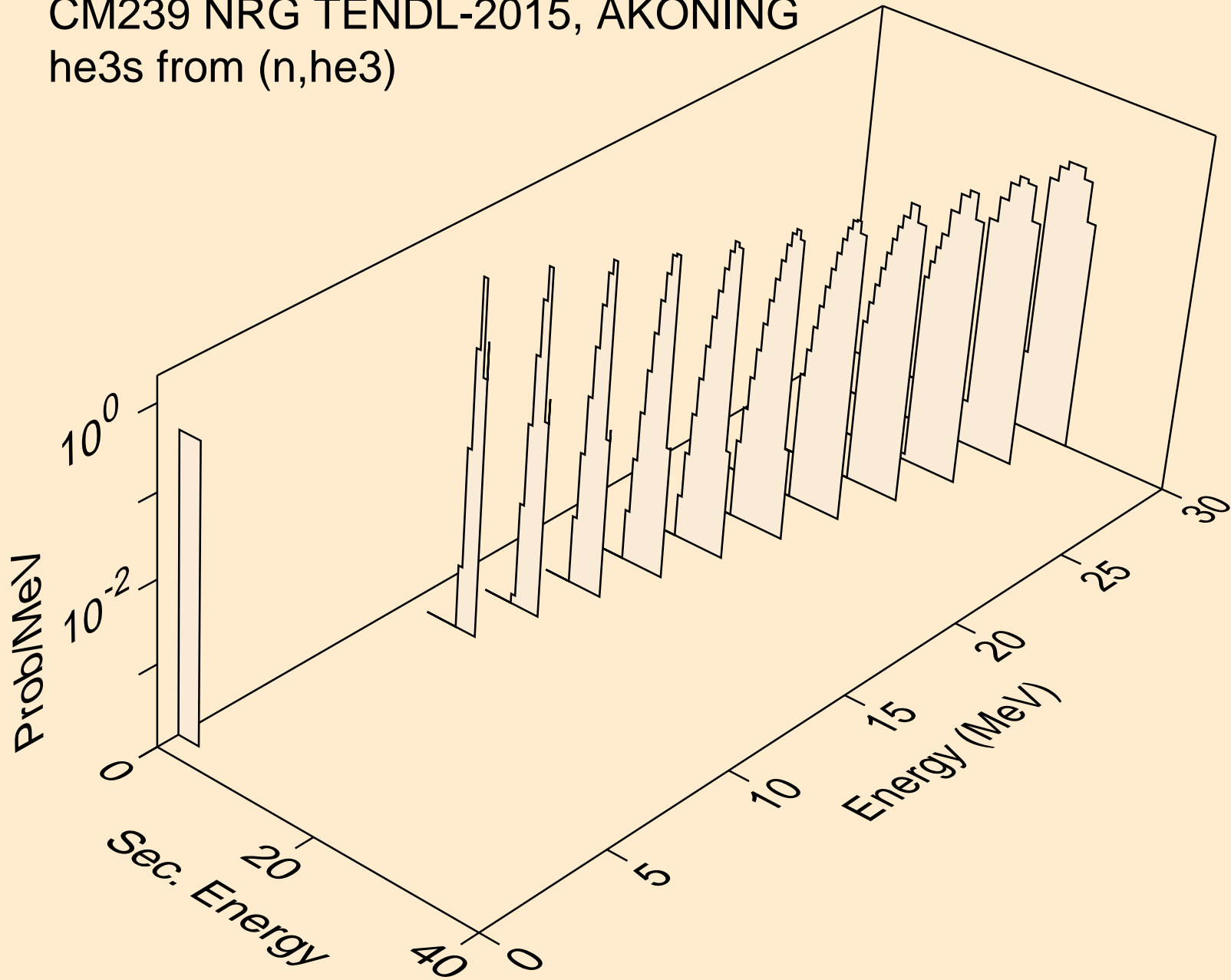
CM239 NRG TENDL-2015, AKONING  
he3s from (n,x)



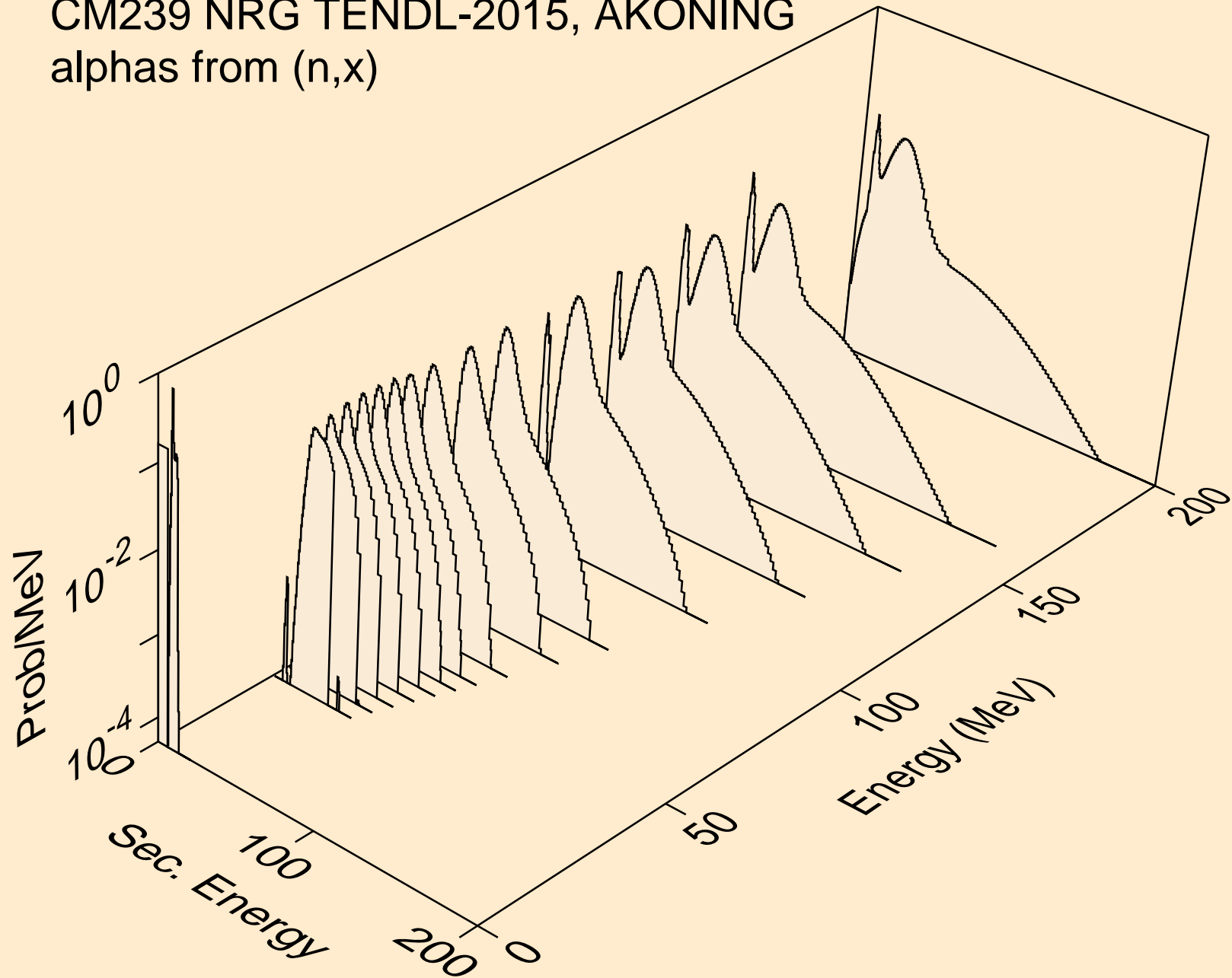
CM239 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



CM239 NRG TENDL-2015, AKONING  
he3s from (n,he3)

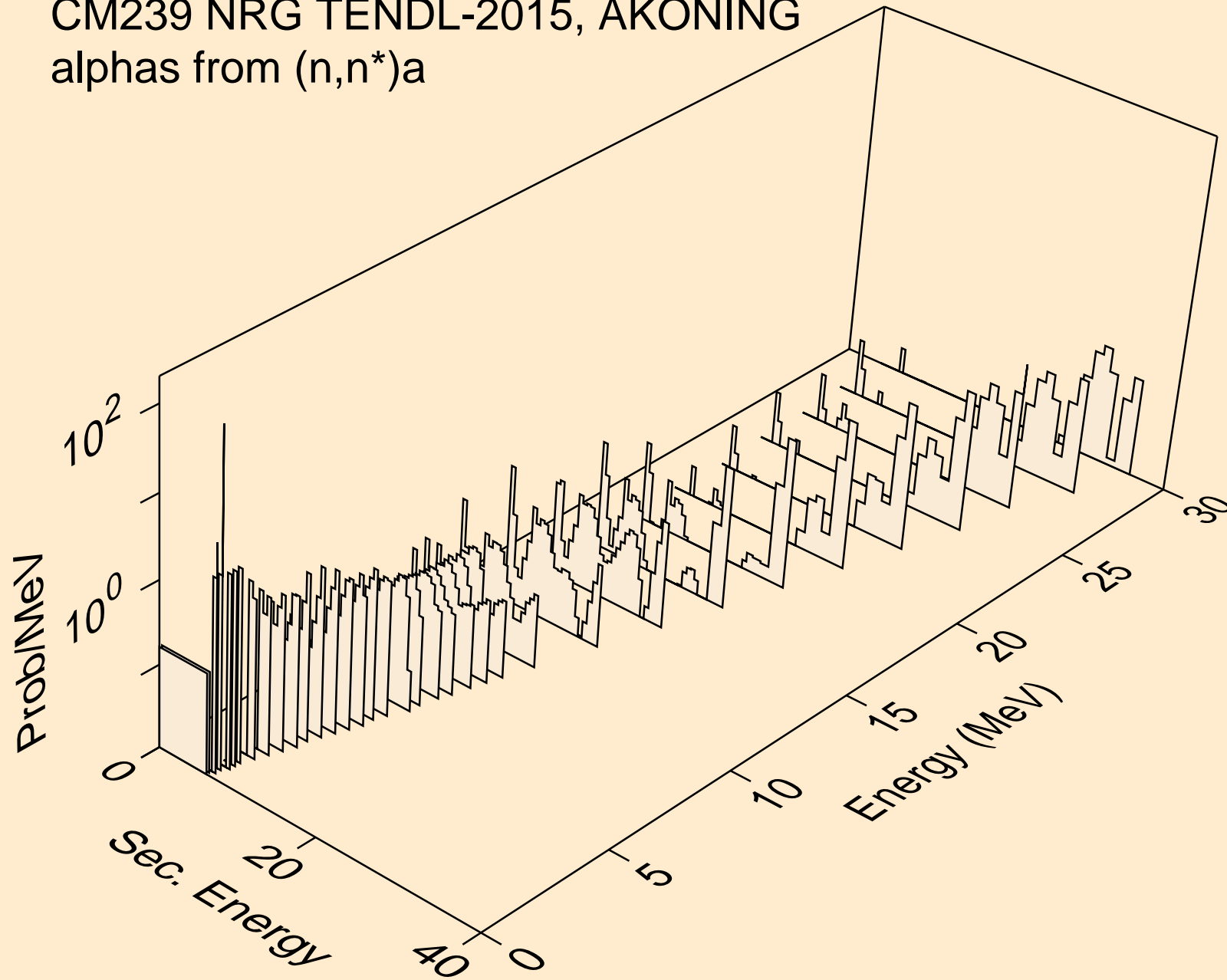


CM239 NRG TENDL-2015, AKONING  
alphas from (n,x)

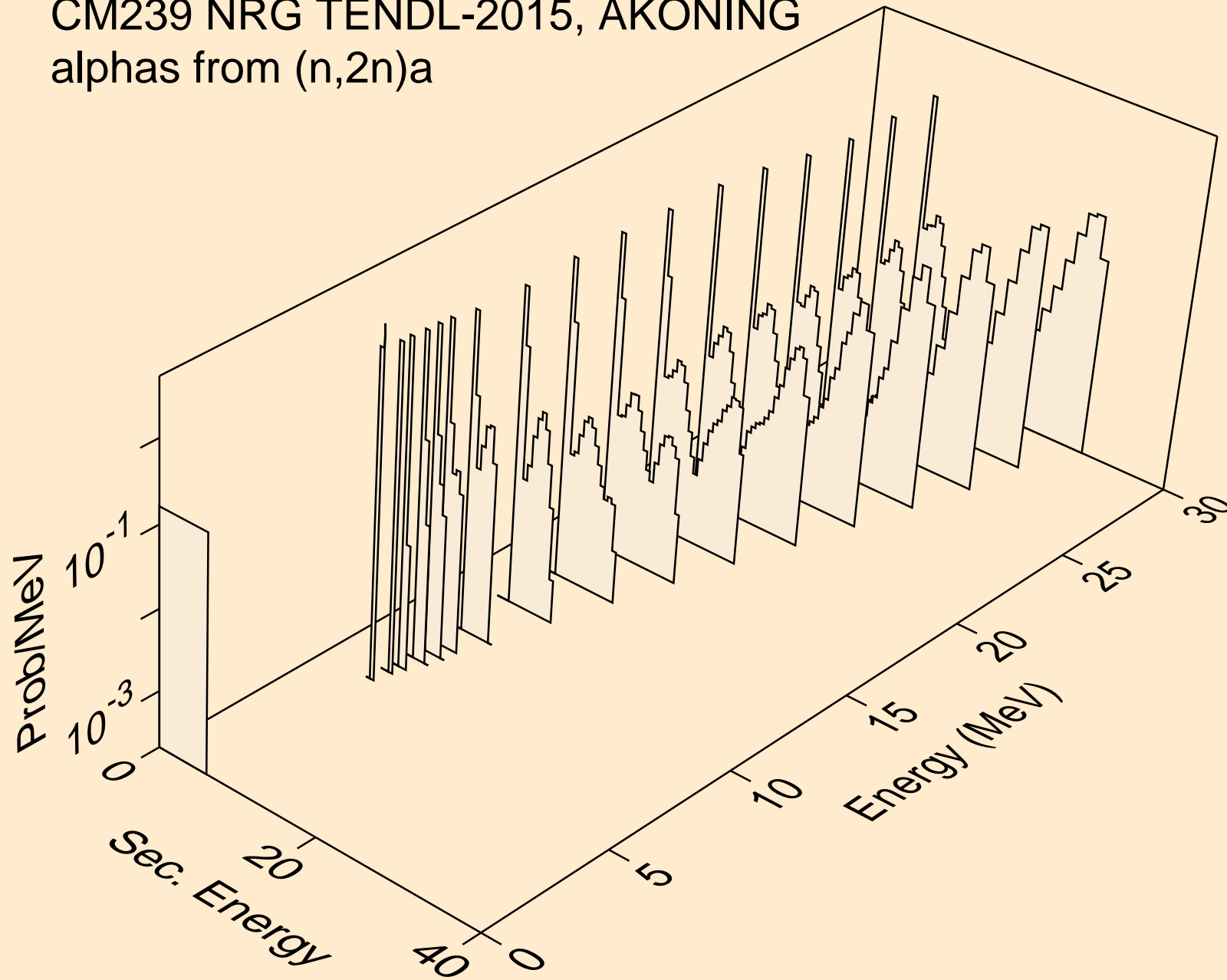




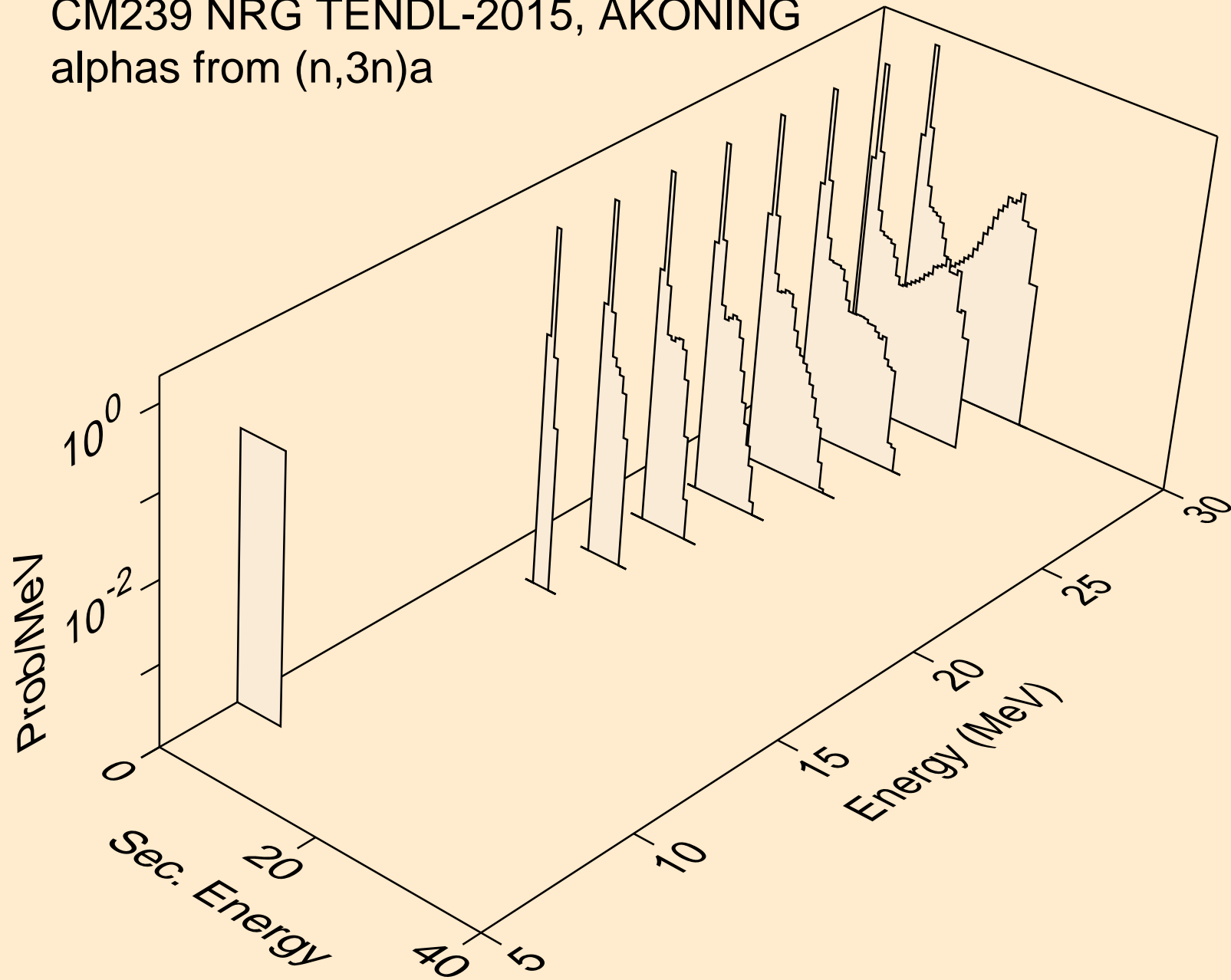
CM239 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



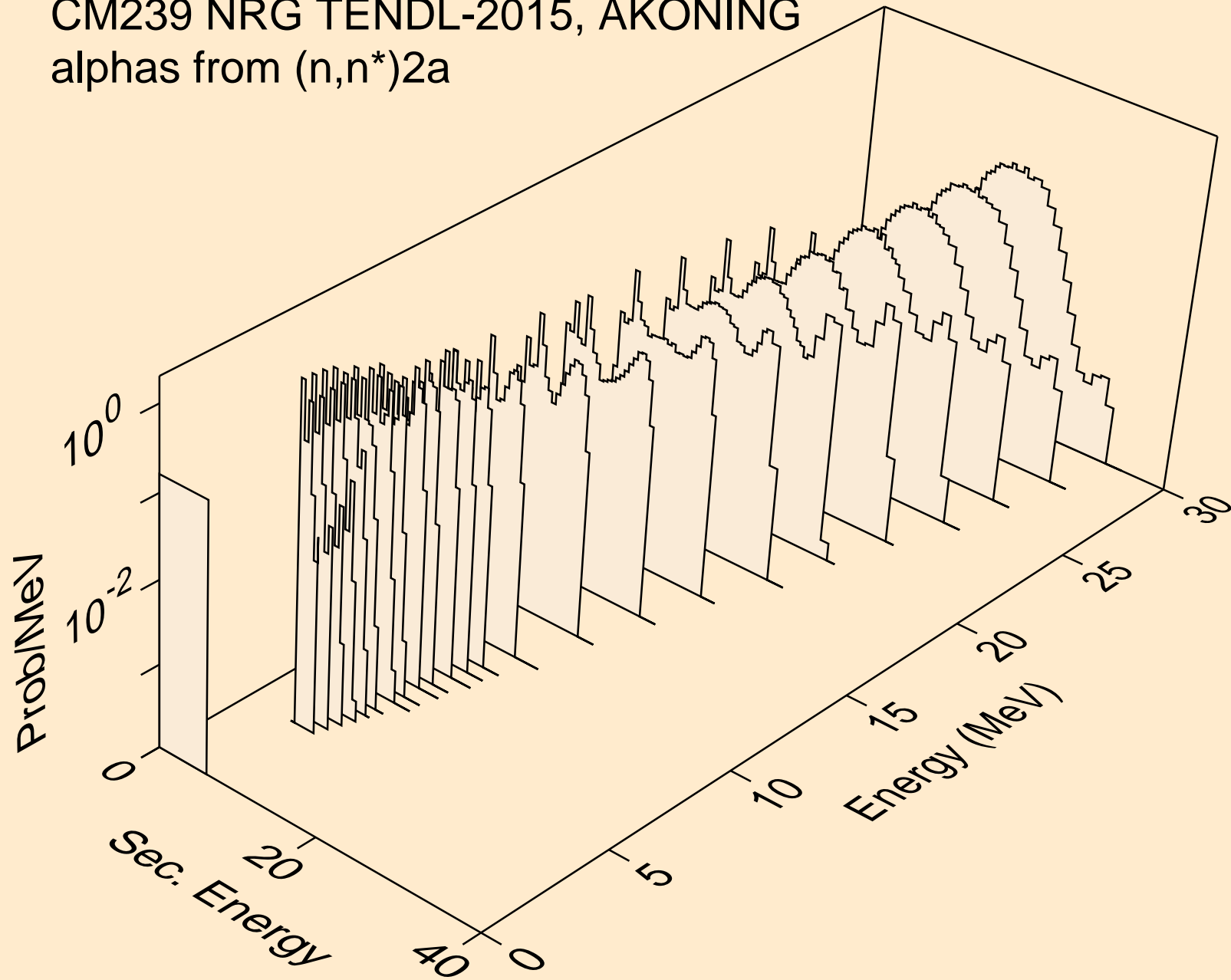
CM239 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



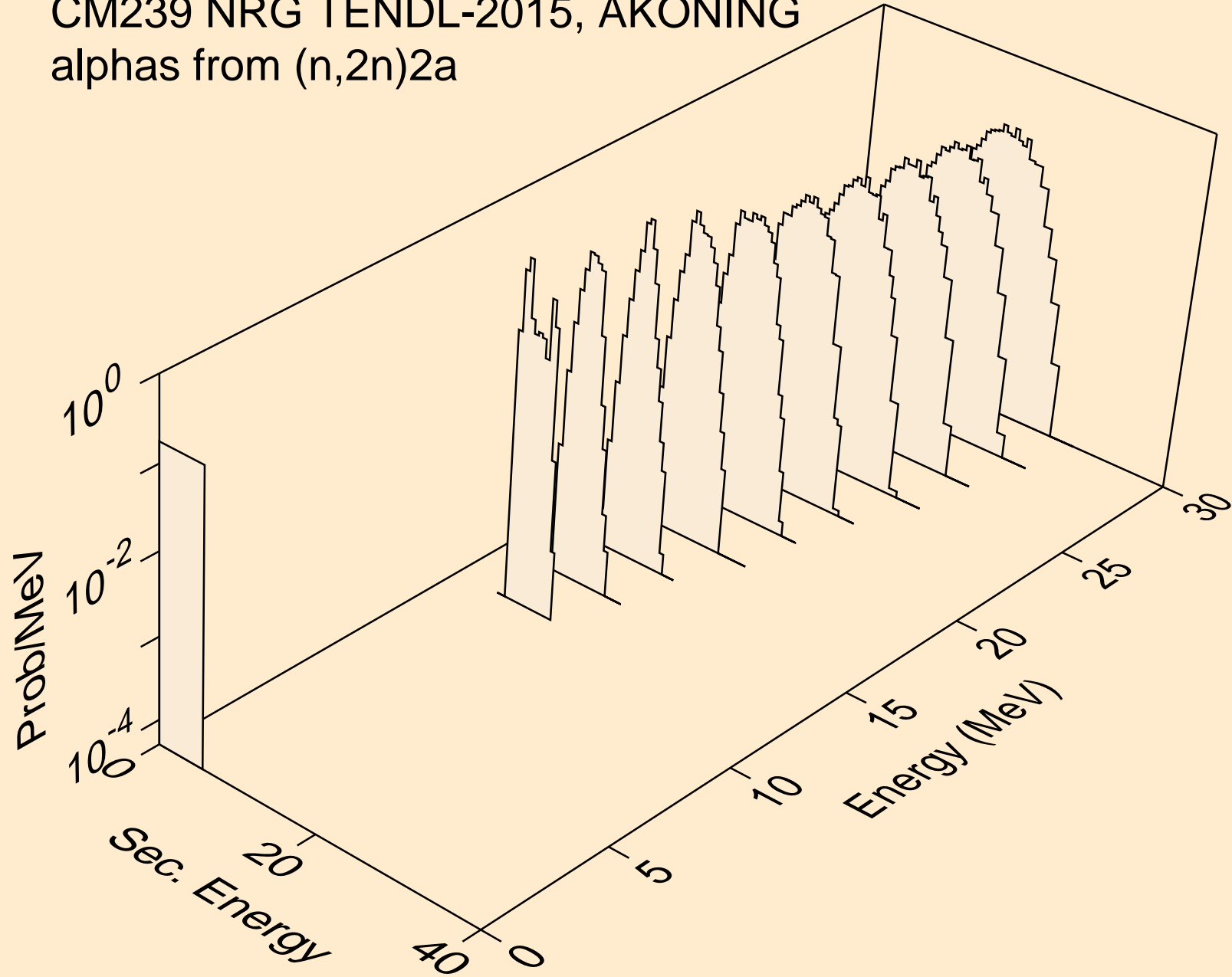
CM239 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



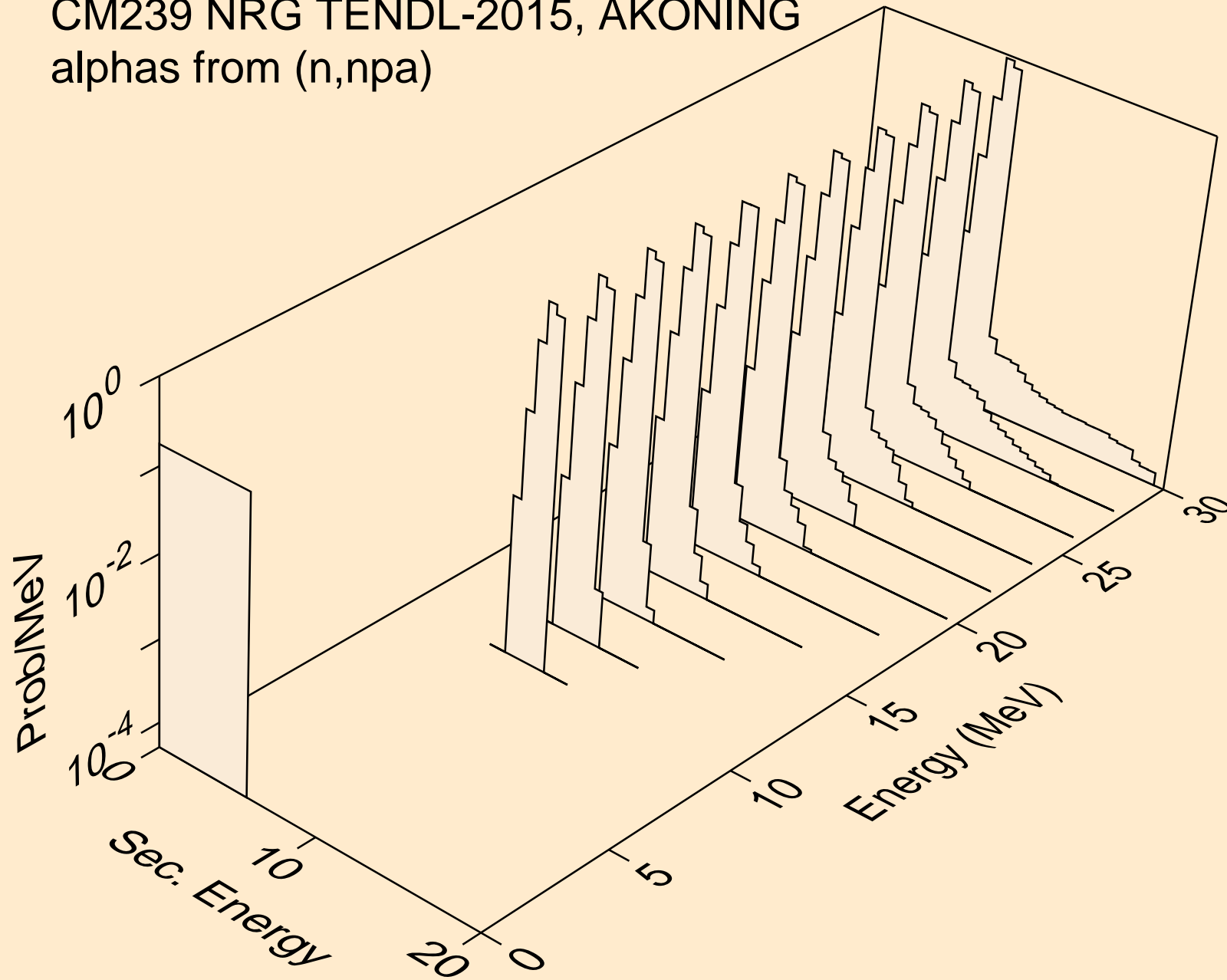
CM239 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



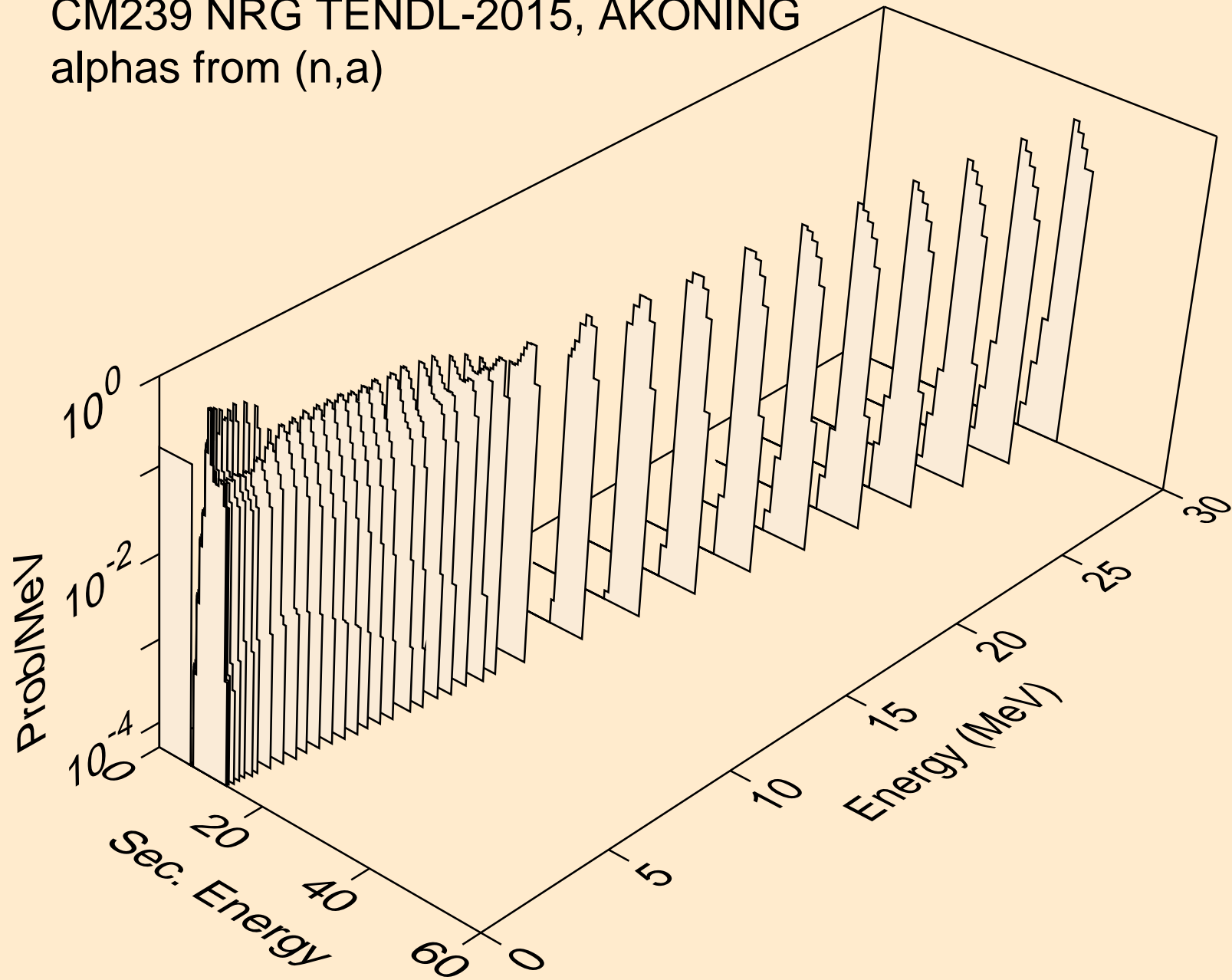
CM239 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



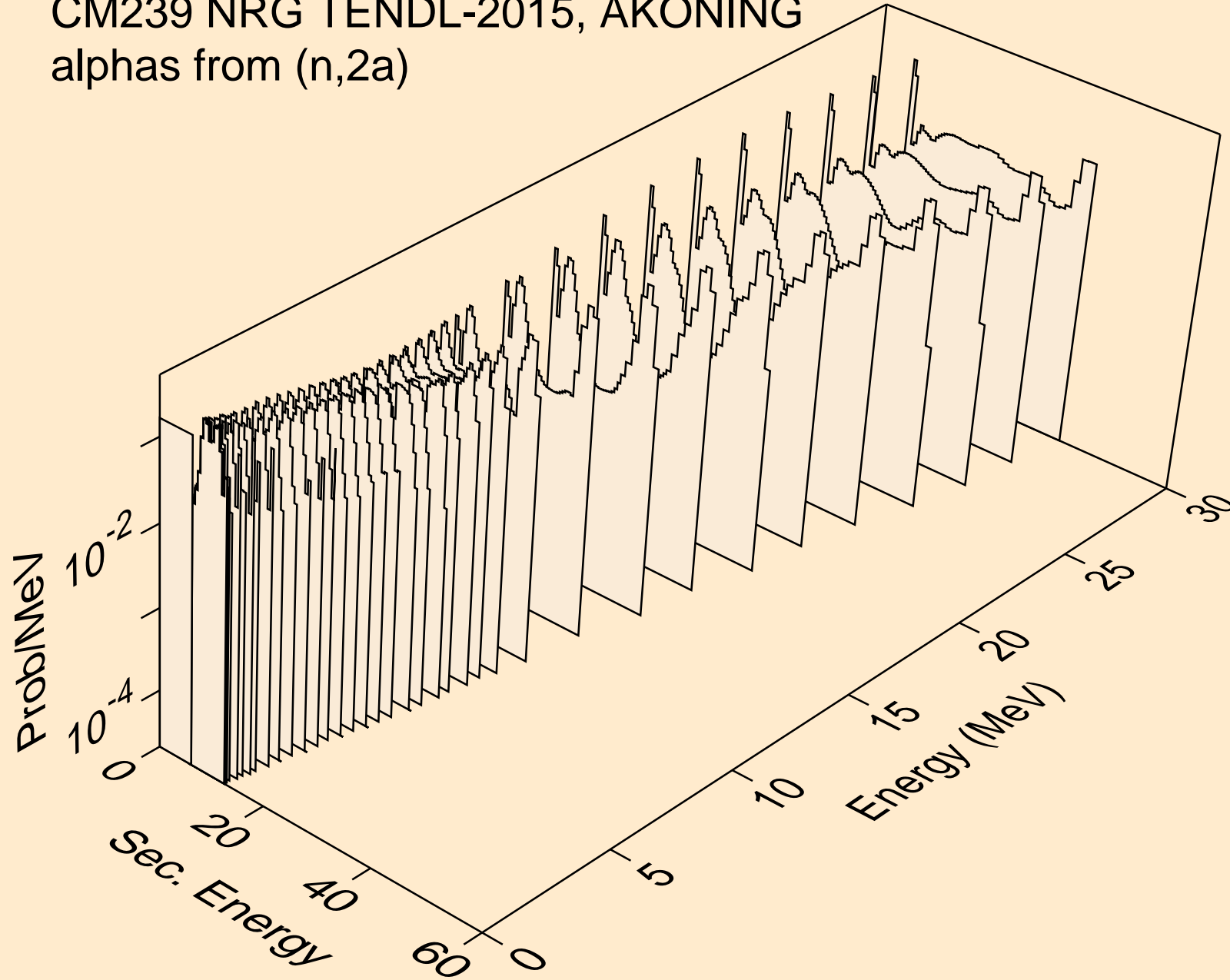
CM239 NRG TENDL-2015, AKONING  
alphas from (n,npa)



CM239 NRG TENDL-2015, AKONING  
alphas from (n,a)

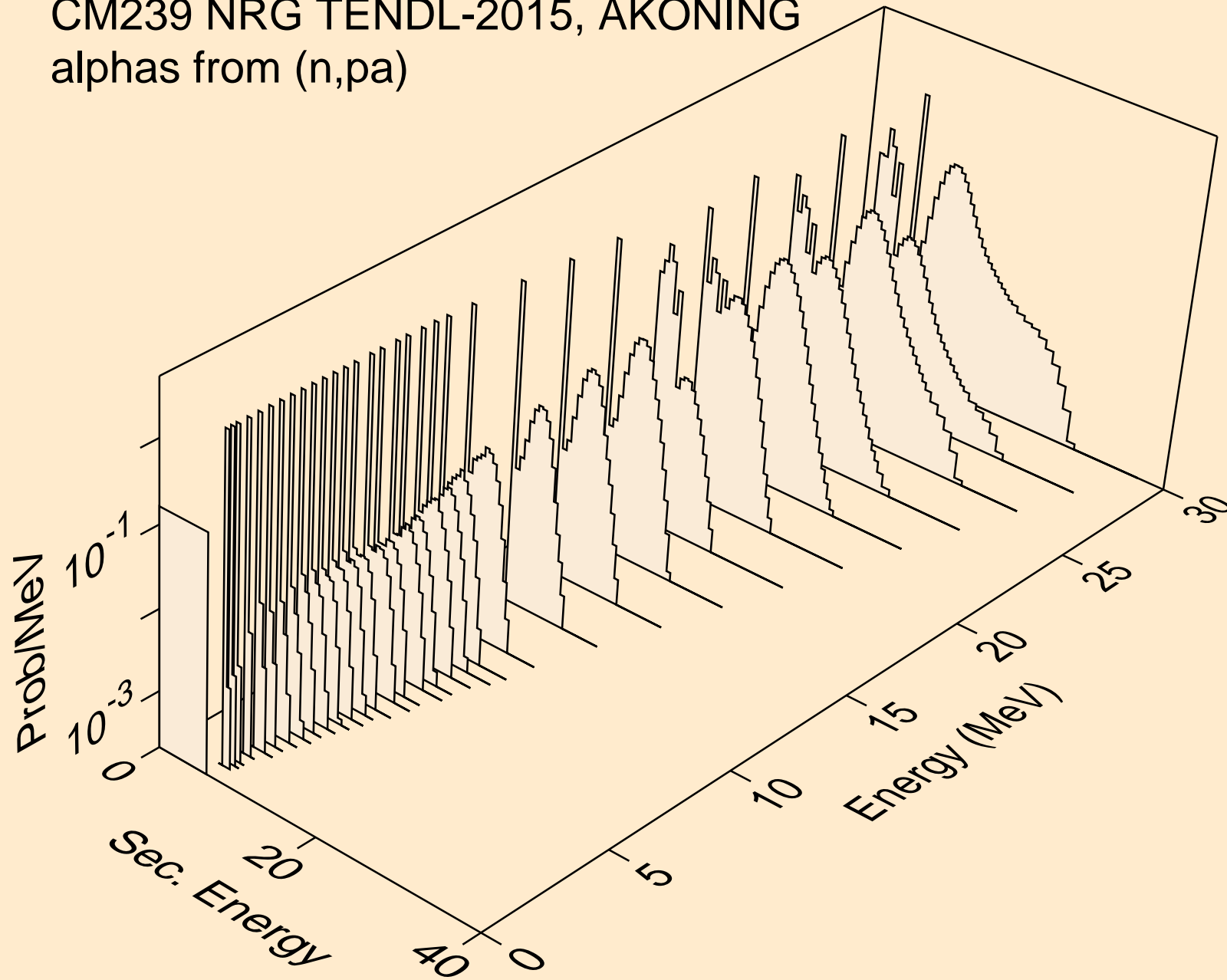


CM239 NRG TENDL-2015, AKONING  
alphas from (n,2a)





CM239 NRG TENDL-2015, AKONING  
alphas from (n,pa)



CM239 NRG TENDL-2015, AKONING  
alphas from (n,da)

