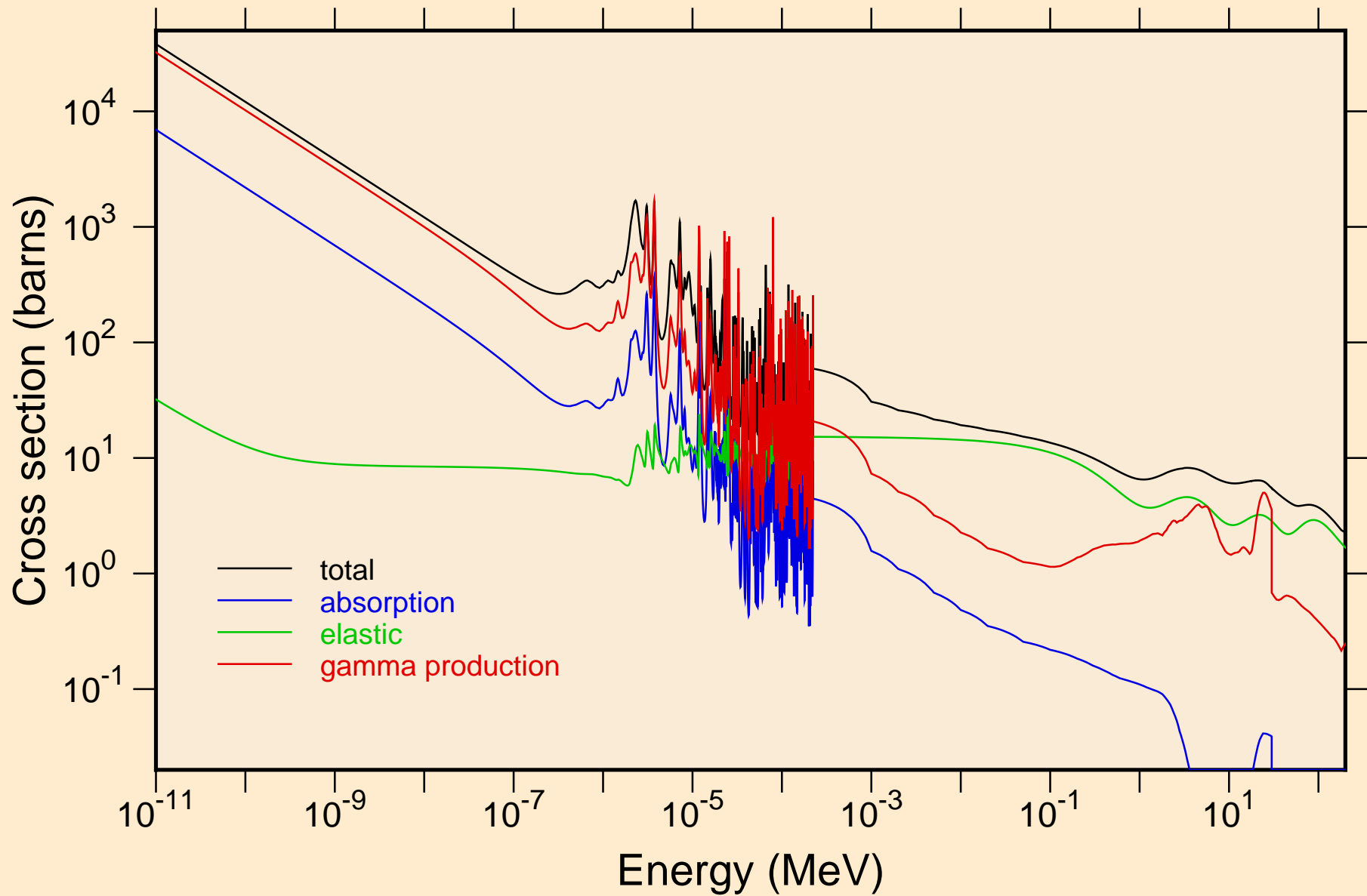
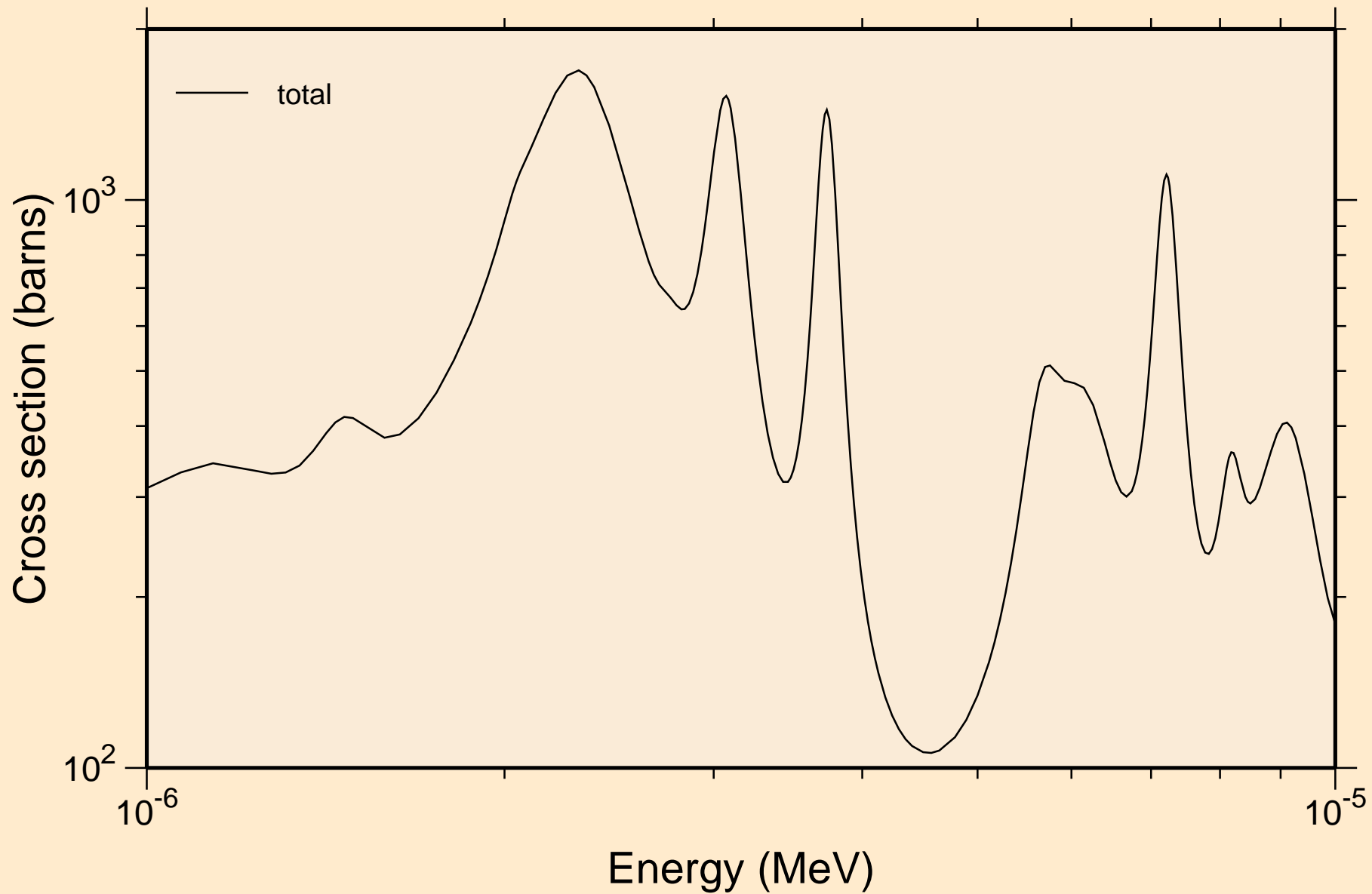


# CM243 NRG TENDL-2015, AKONING

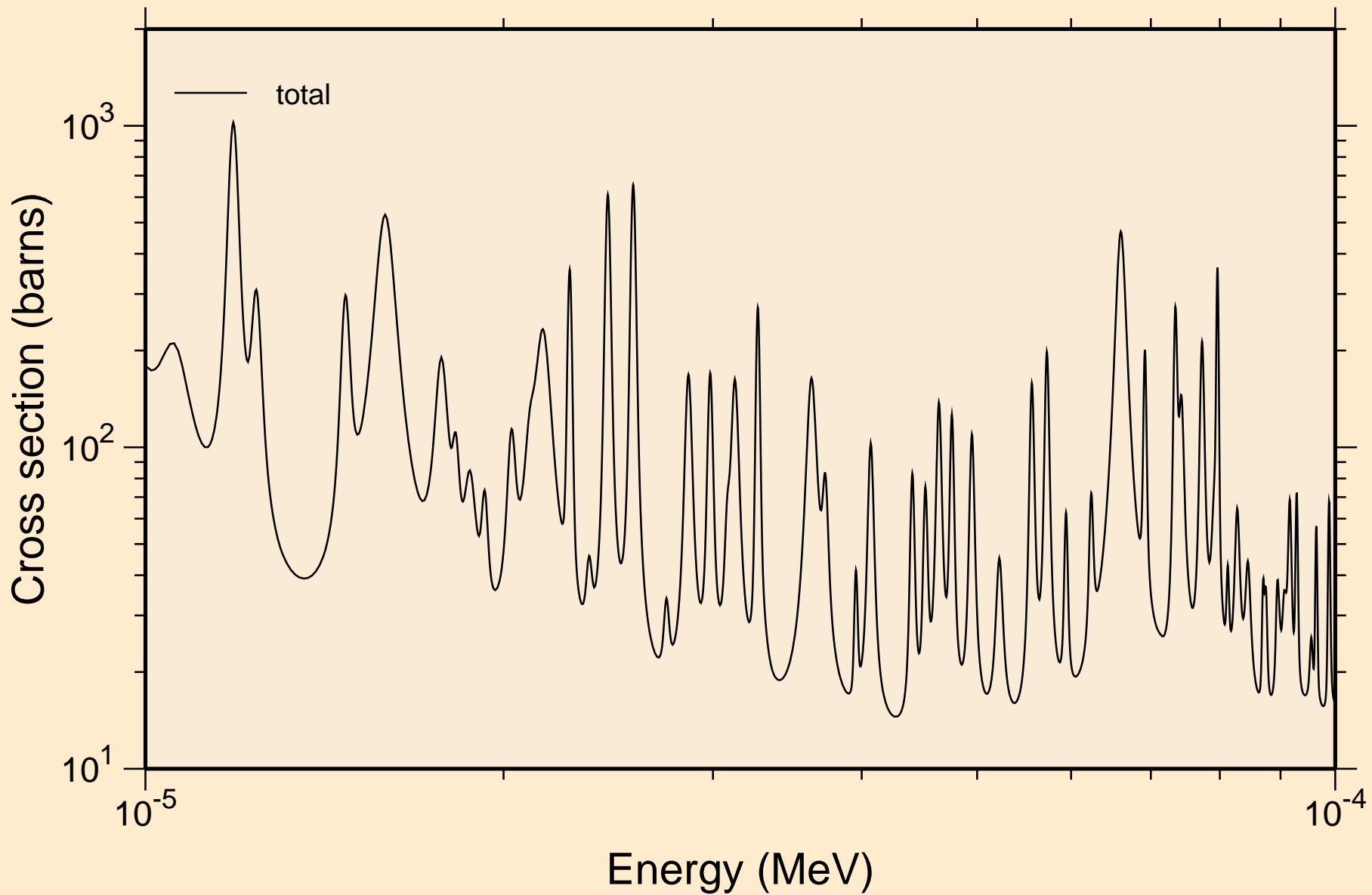
## Principal cross sections



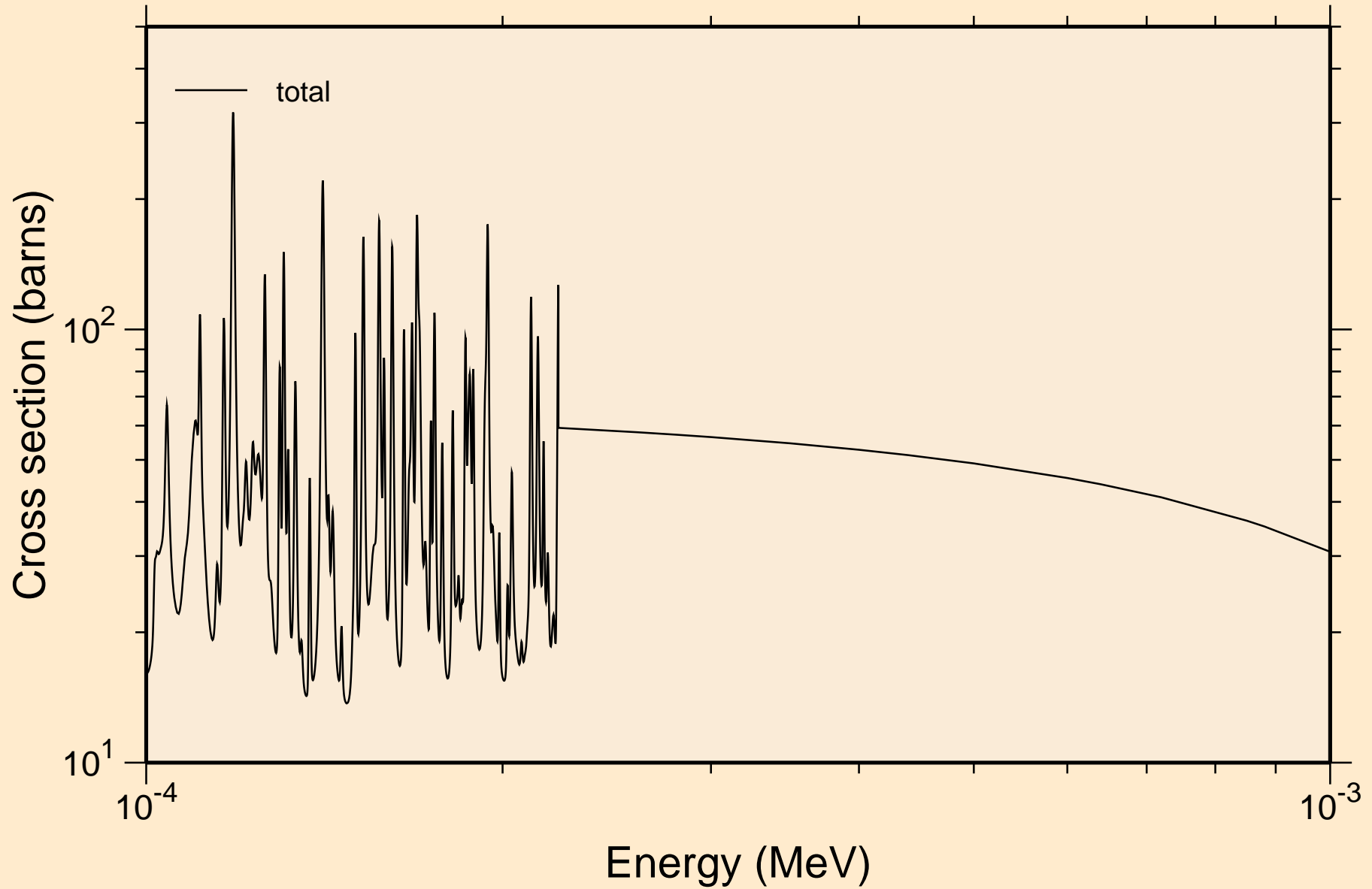
CM243 NRG TENDL-2015, AKONING  
resonance total cross section



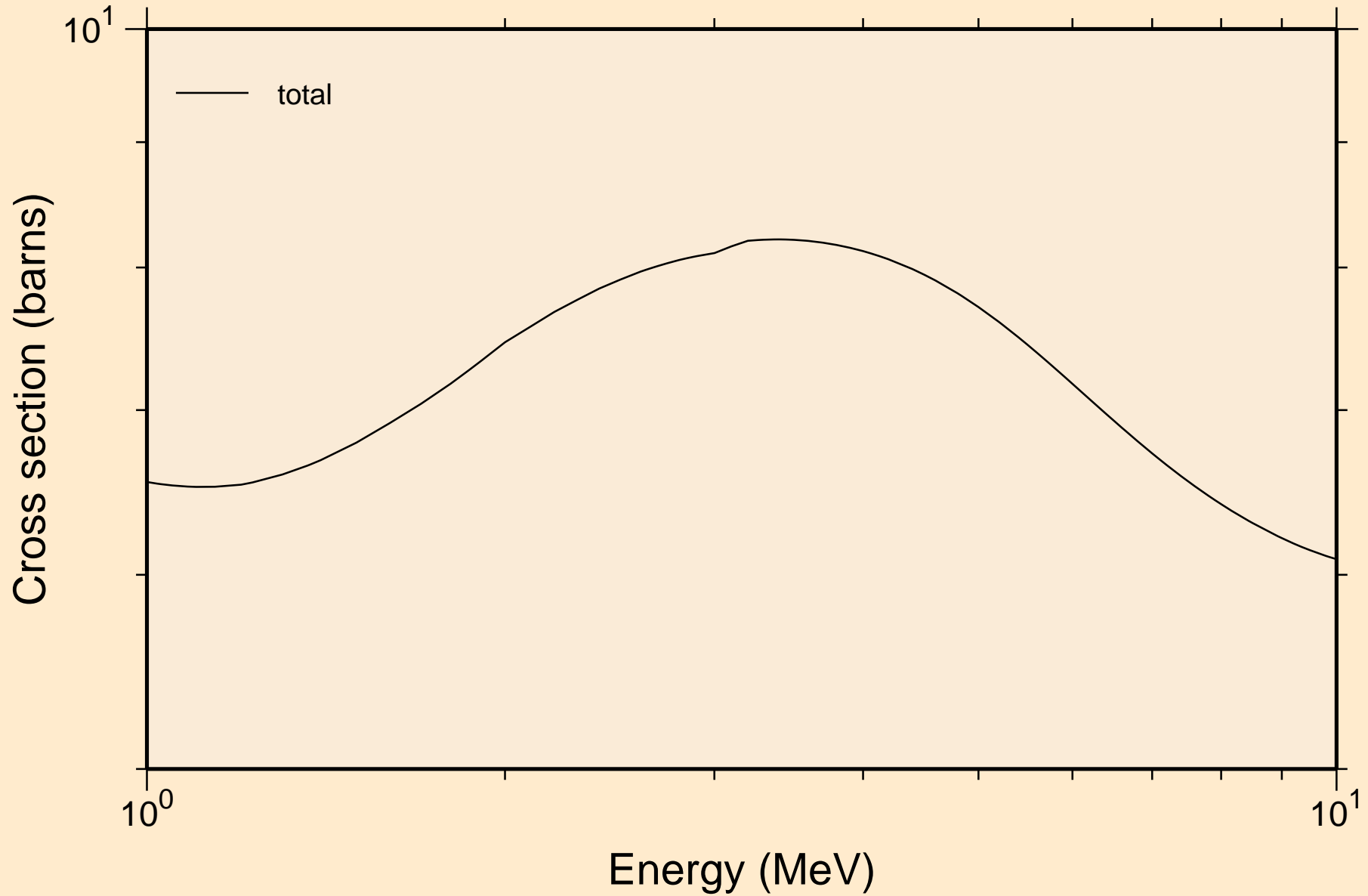
CM243 NRG TENDL-2015, AKONING  
resonance total cross section



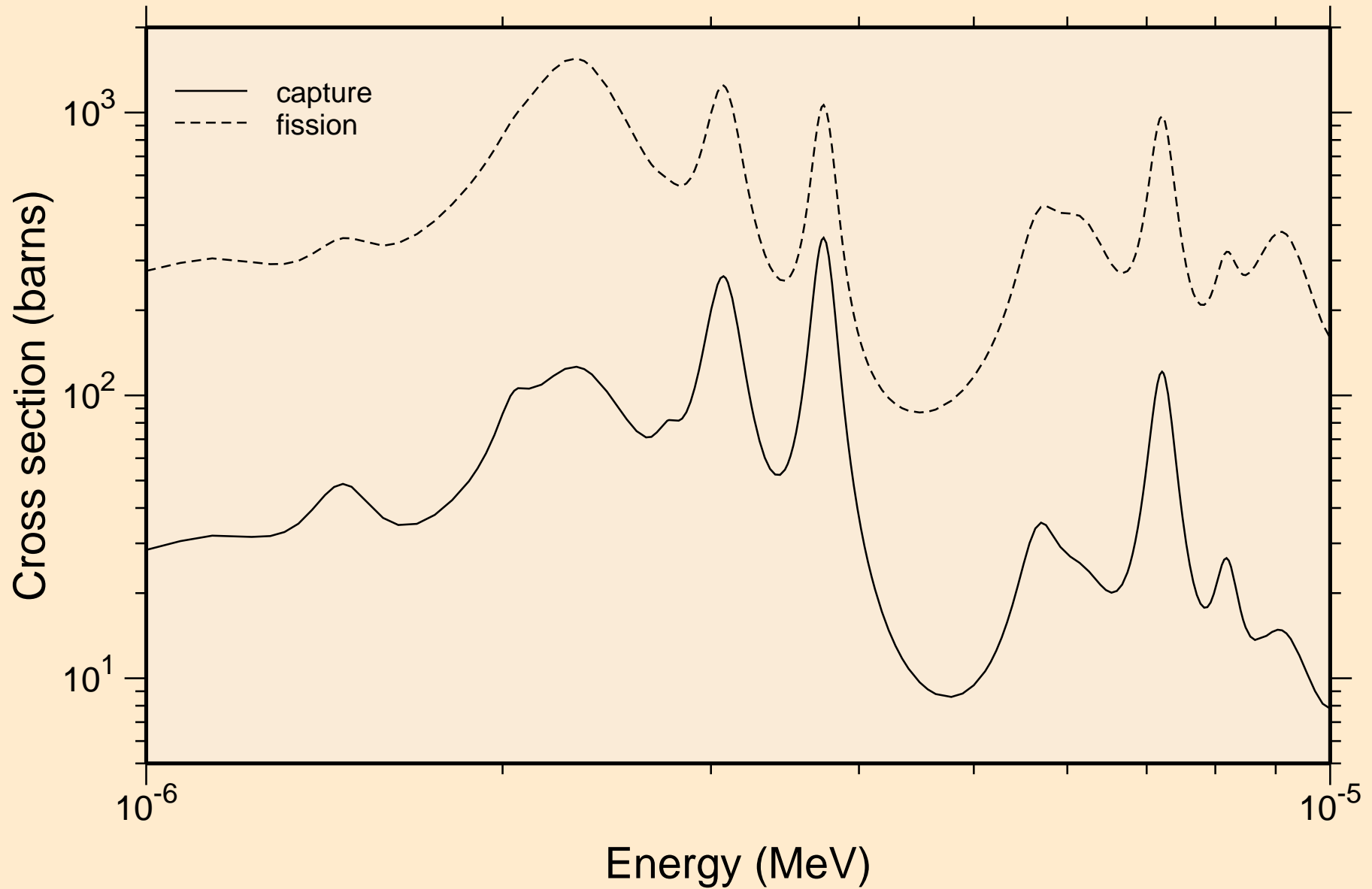
CM243 NRG TENDL-2015, AKONING  
resonance total cross section



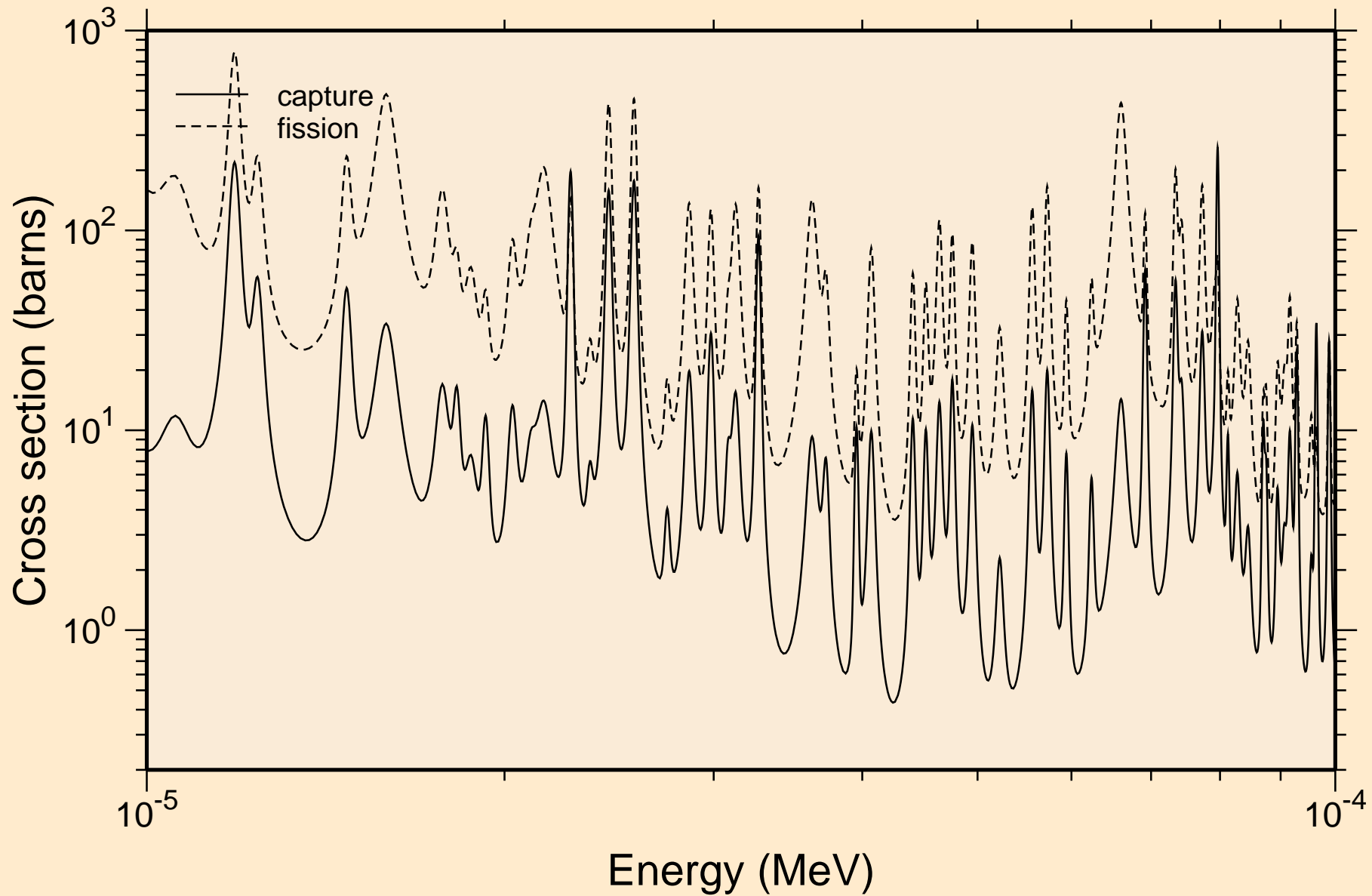
CM243 NRG TENDL-2015, AKONING  
resonance total cross section



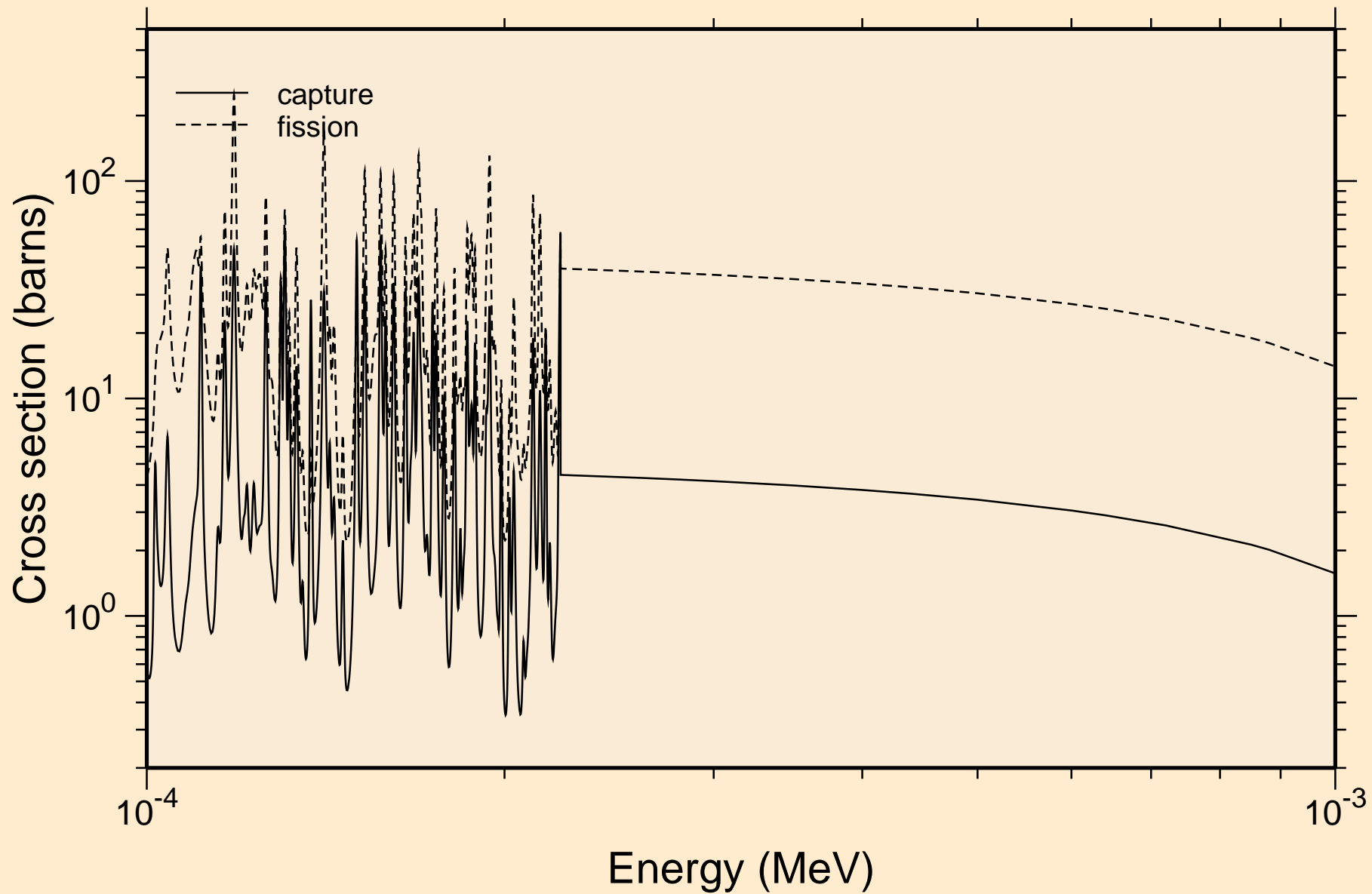
CM243 NRG TENDL-2015, AKONING  
resonance absorption cross sections



# CM243 NRG TENDL-2015, AKONING resonance absorption cross sections

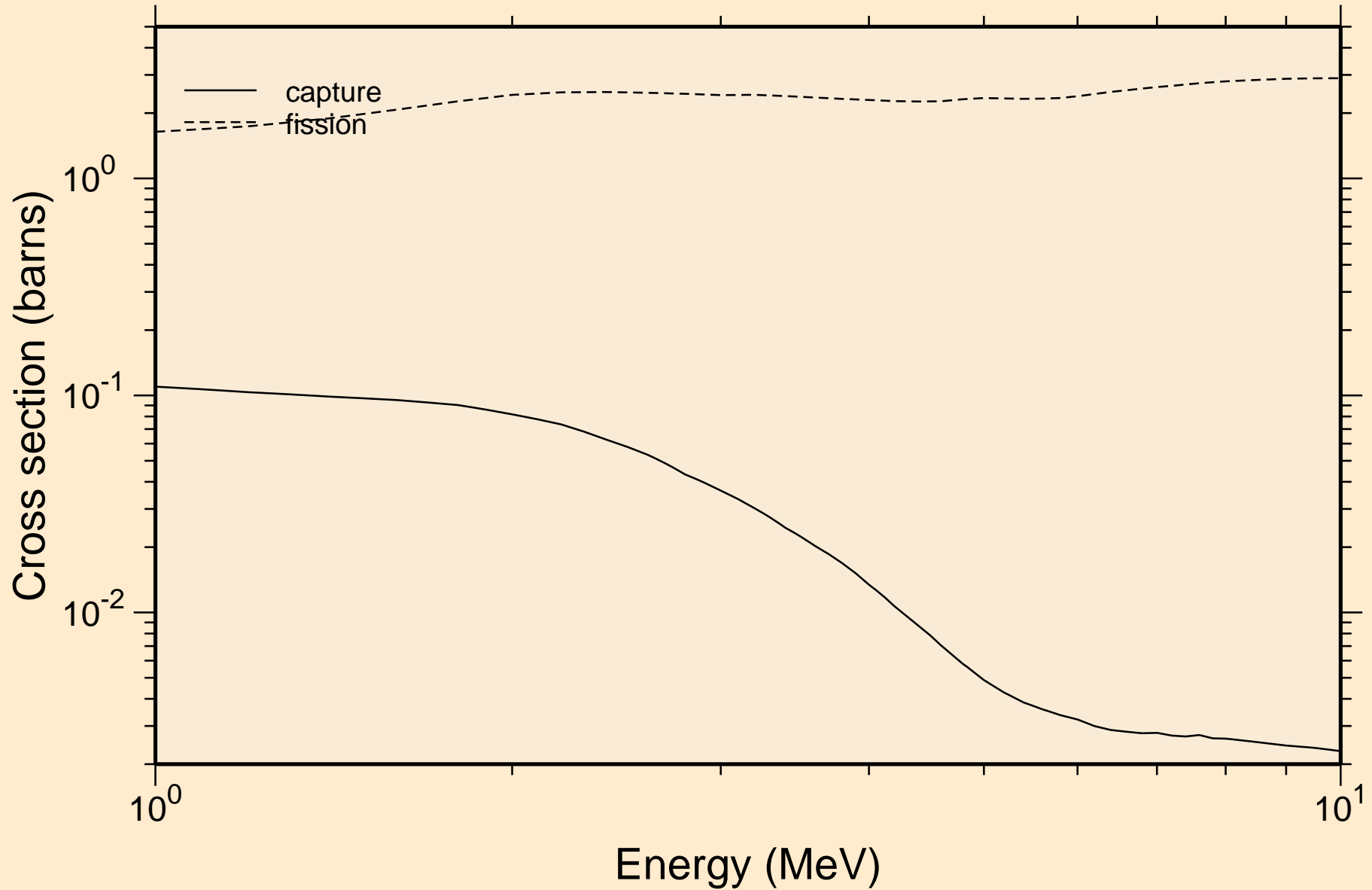


CM243 NRG TENDL-2015, AKONING  
resonance absorption cross sections



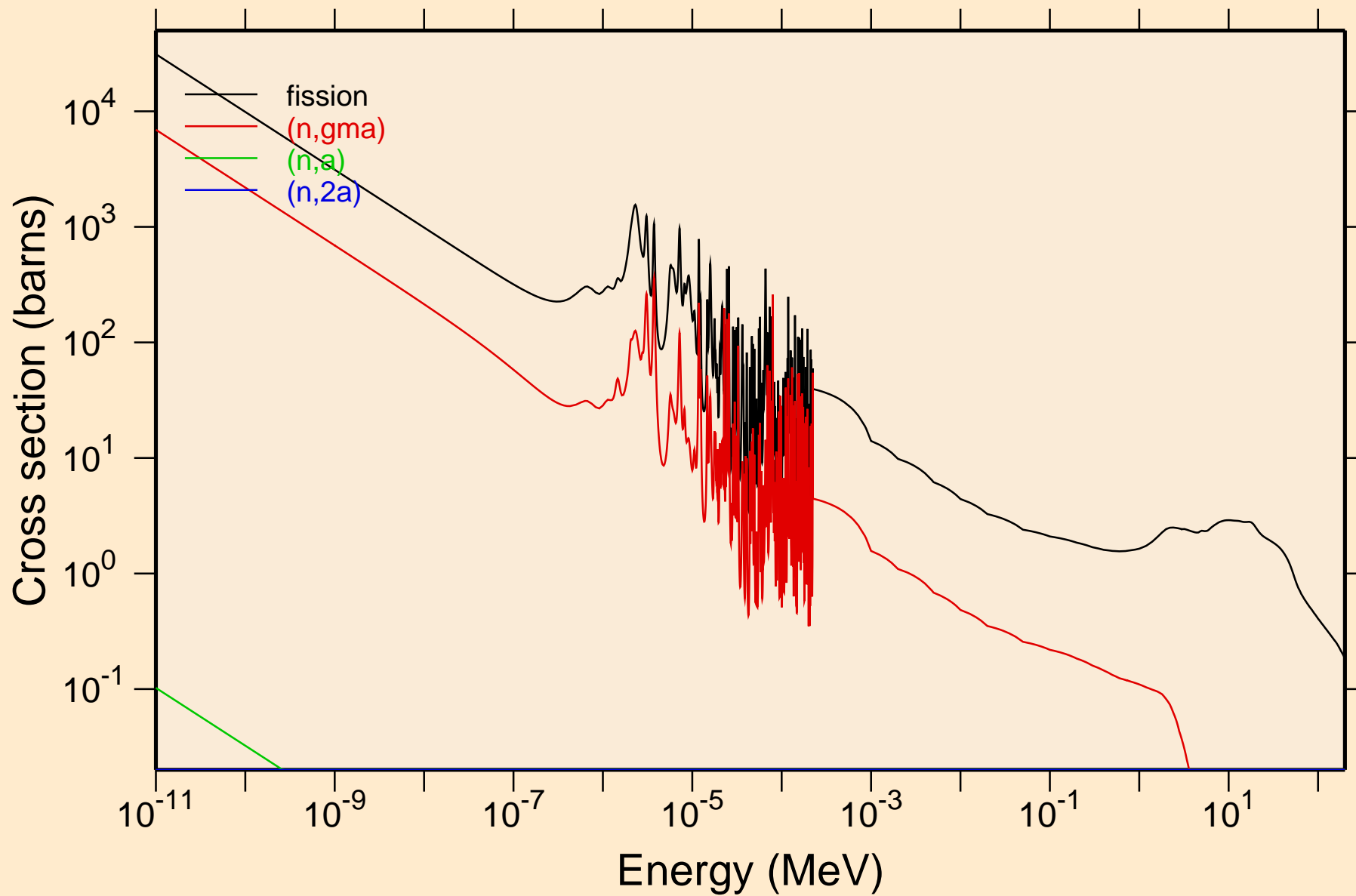


CM243 NRG TENDL-2015, AKONING  
resonance absorption cross sections



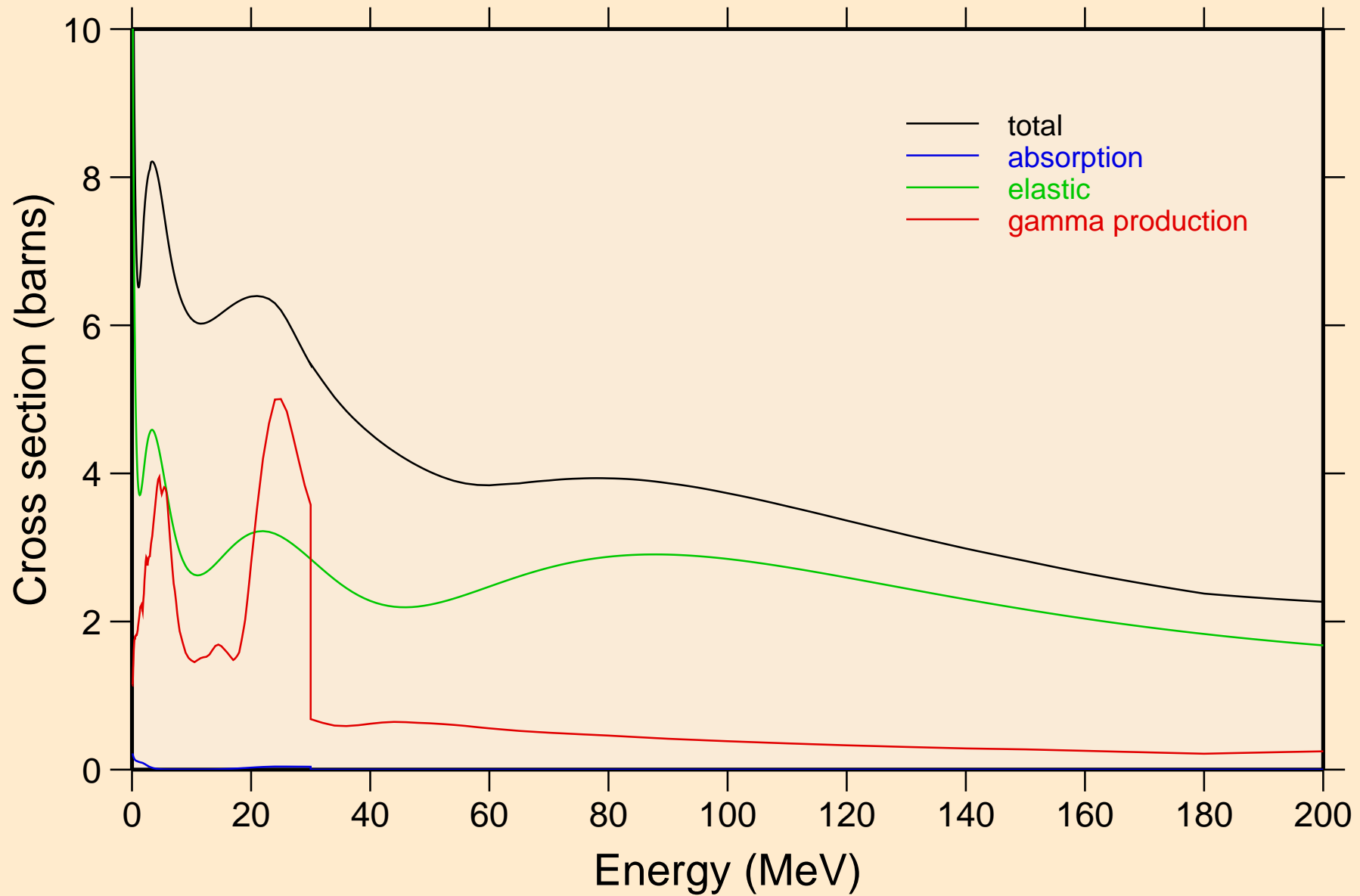
# CM243 NRG TENDL-2015, AKONING

## Non-threshold reactions



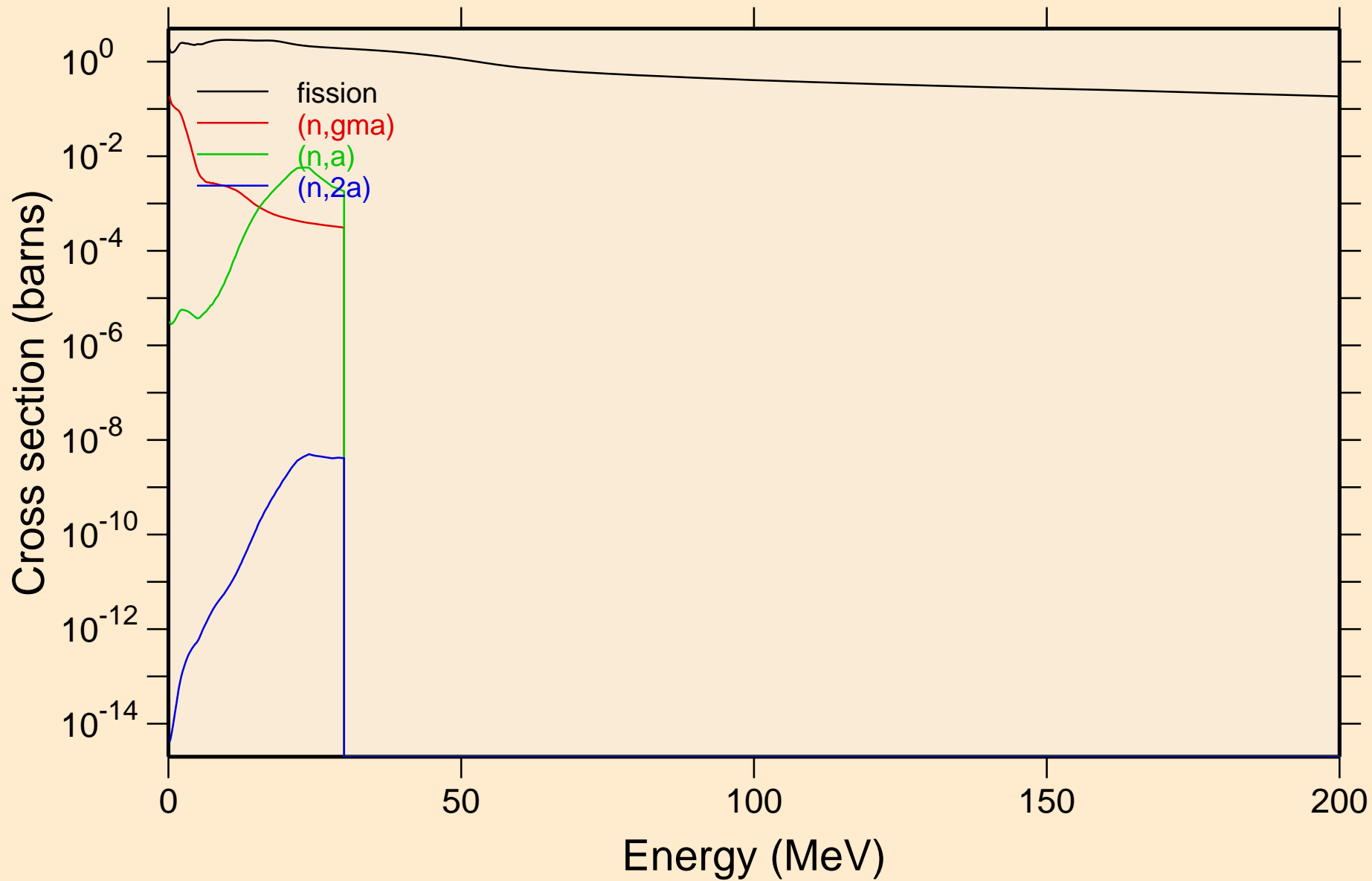
# CM243 NRG TENDL-2015, AKONING

## Principal cross sections



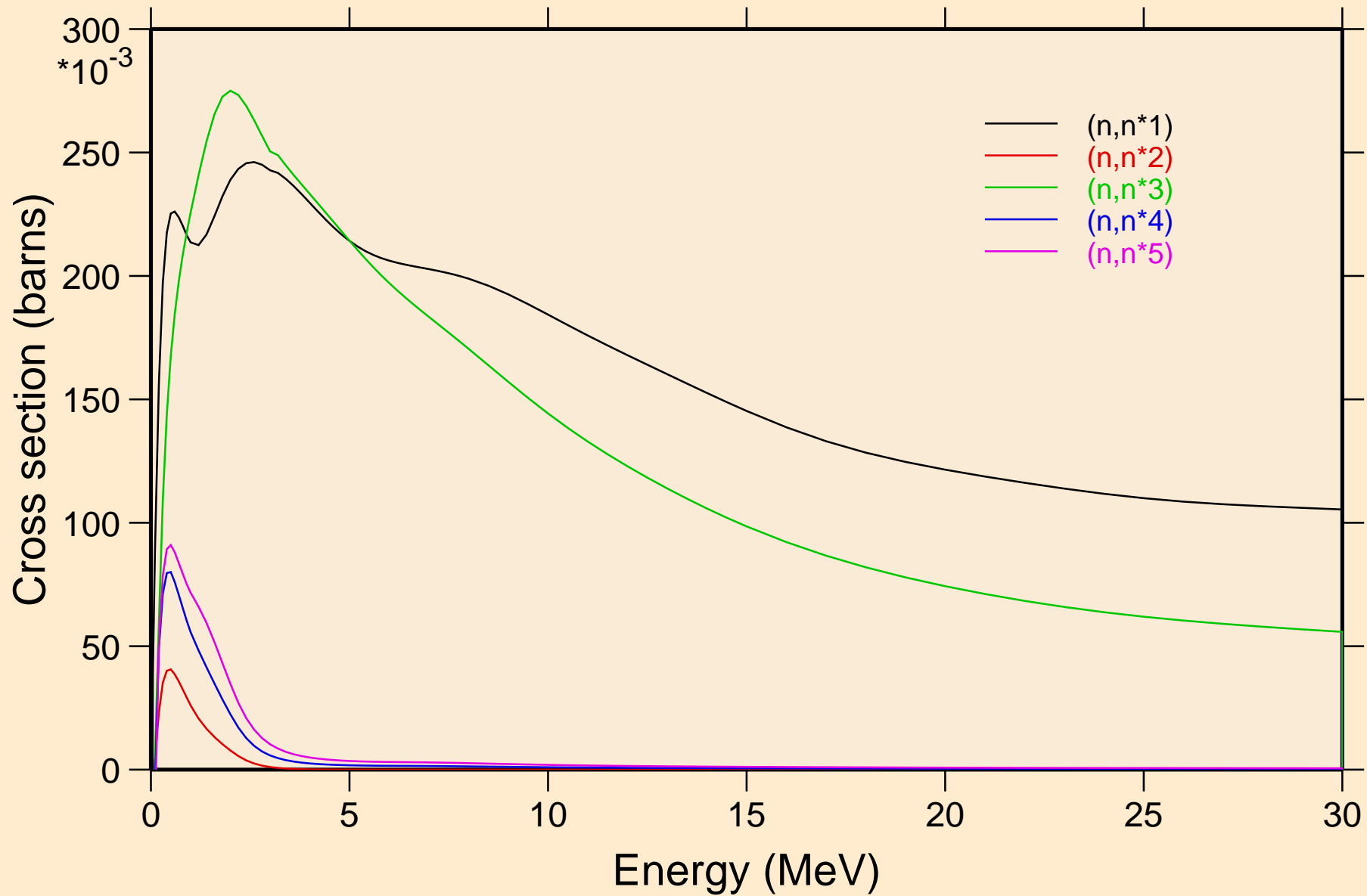
# CM243 NRG TENDL-2015, AKONING

## Non-threshold reactions



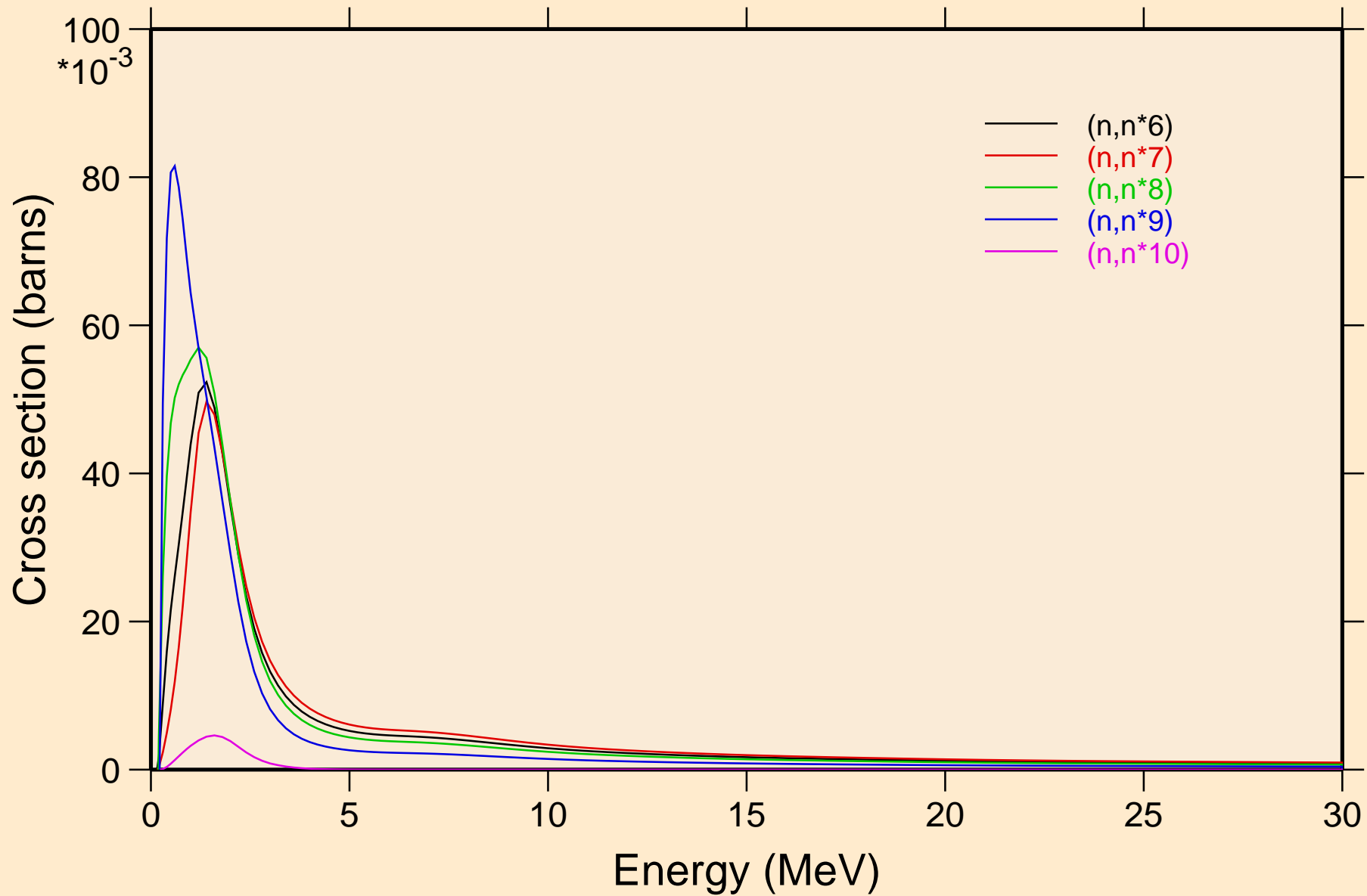
# CM243 NRG TENDL-2015, AKONING

## Inelastic levels



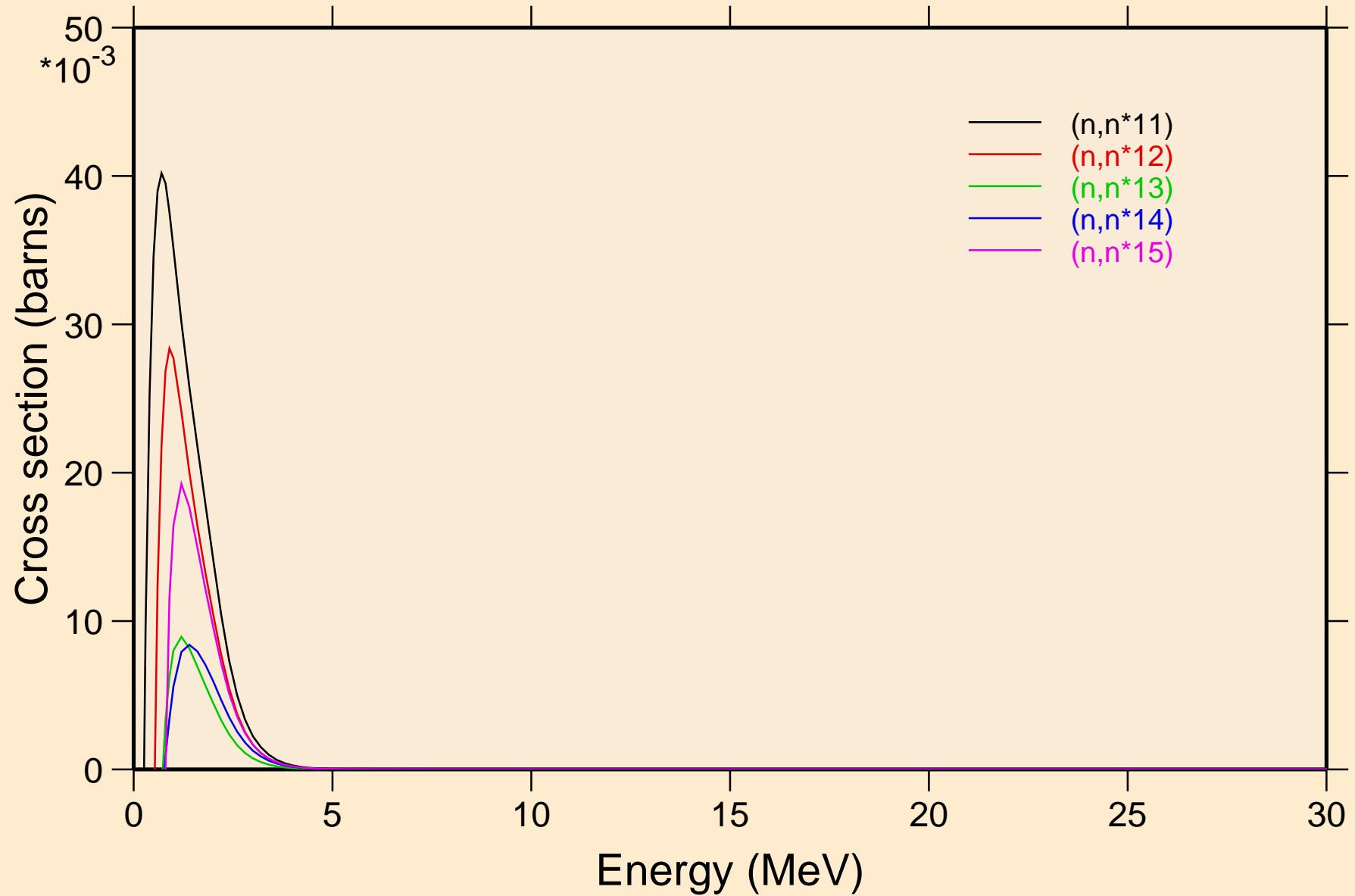
# CM243 NRG TENDL-2015, AKONING

## Inelastic levels



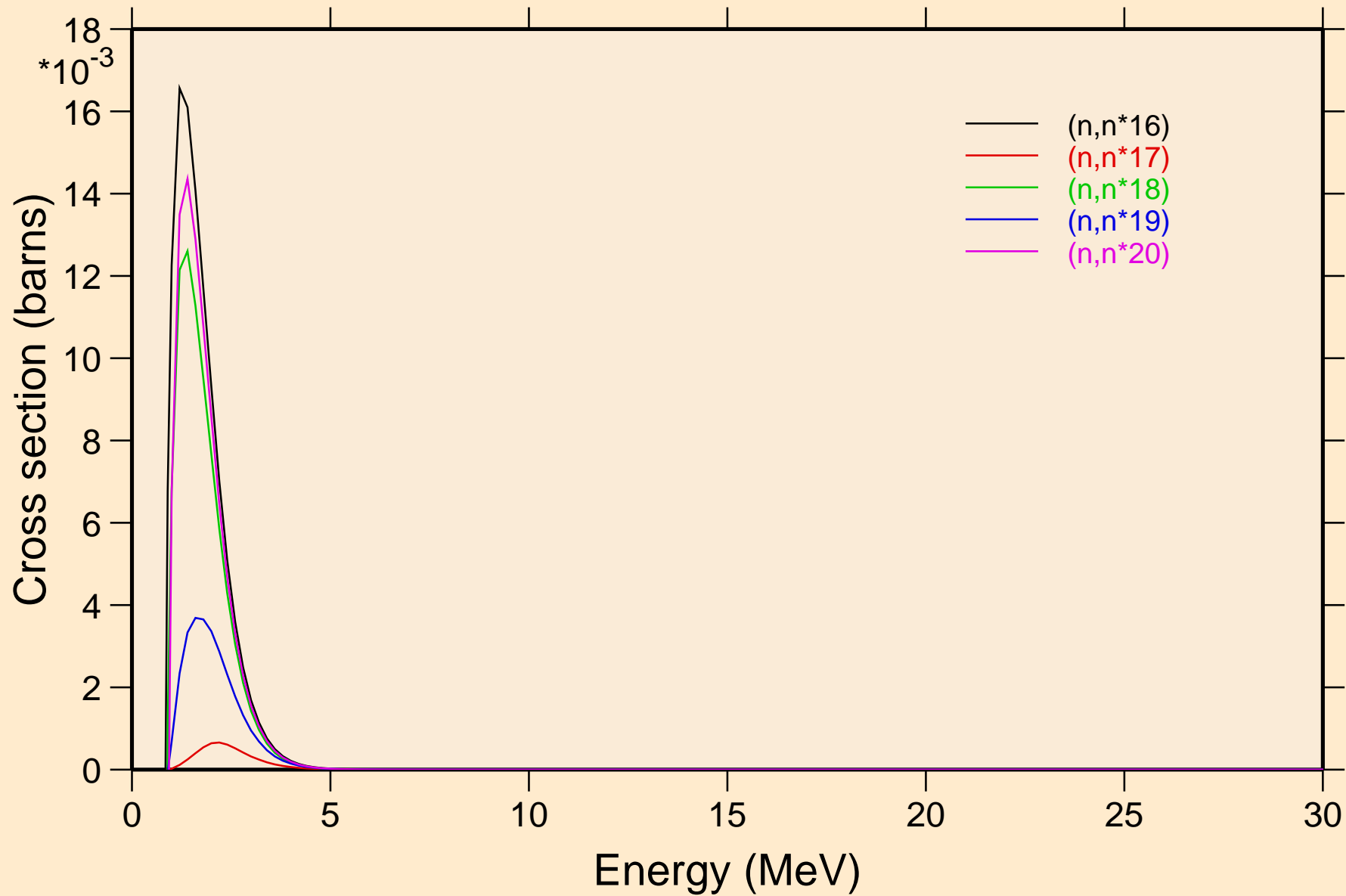
# CM243 NRG TENDL-2015, AKONING

## Inelastic levels



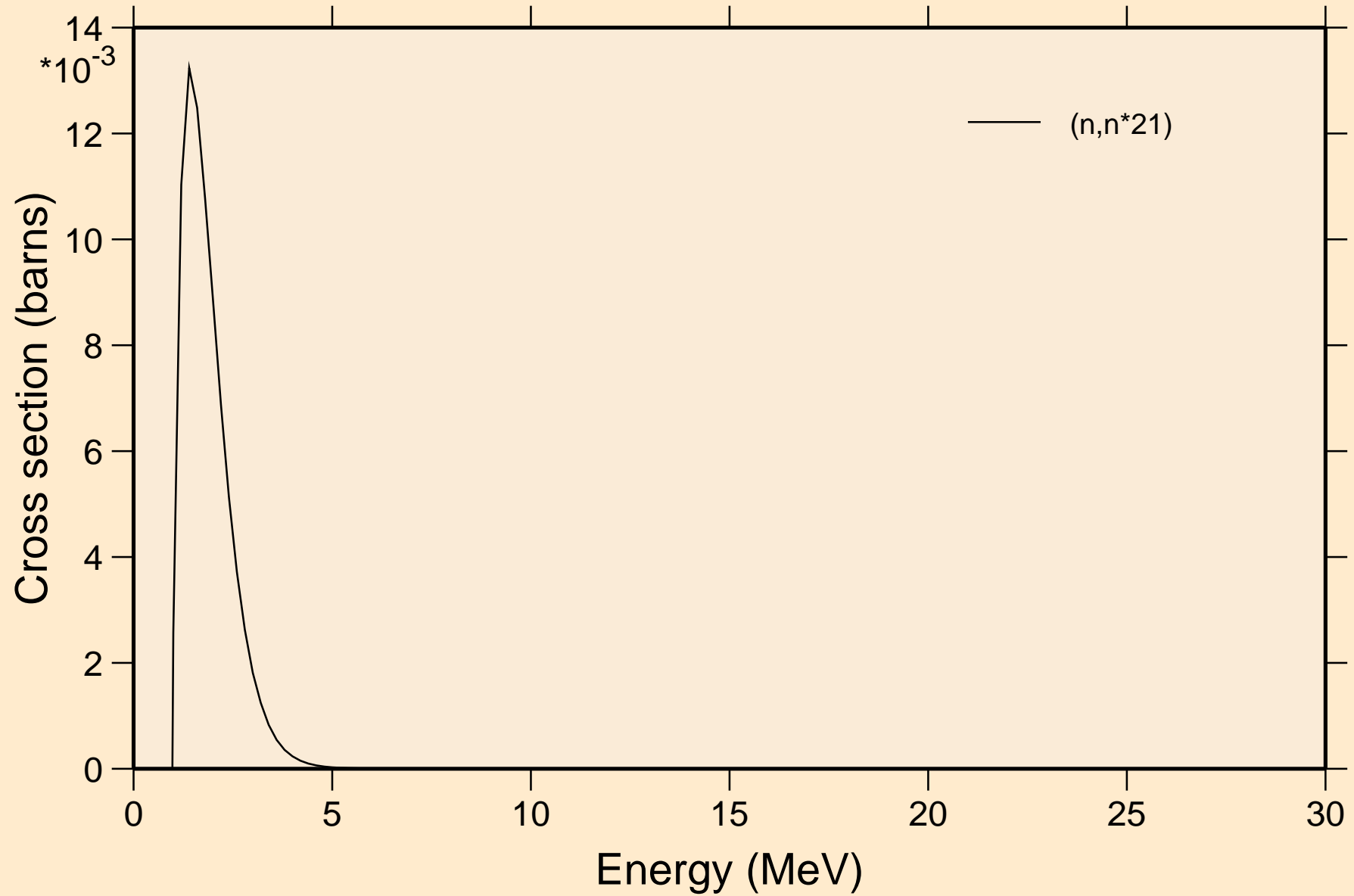
# CM243 NRG TENDL-2015, AKONING

## Inelastic levels



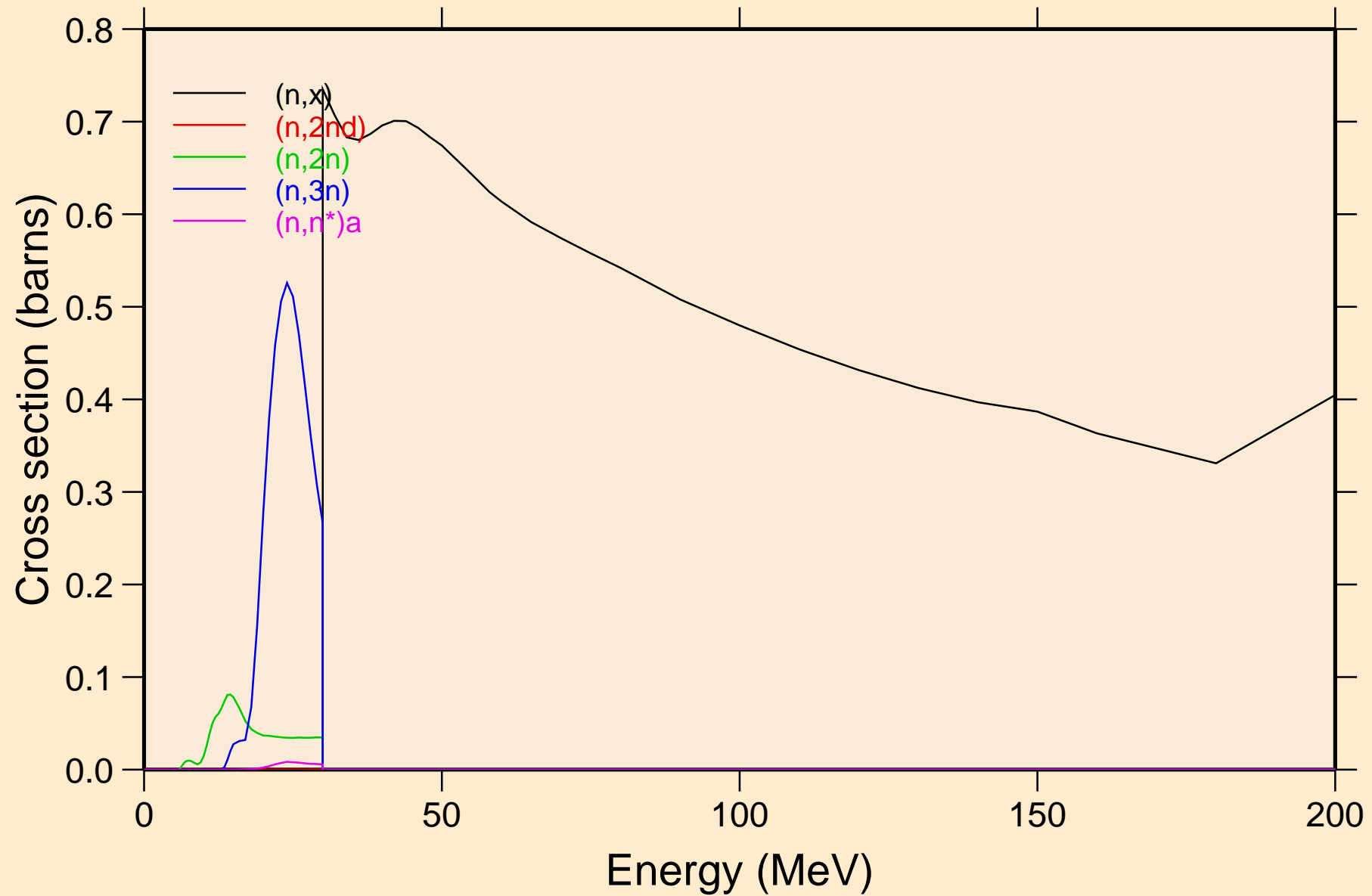


CM243 NRG TENDL-2015, AKONING  
Inelastic levels



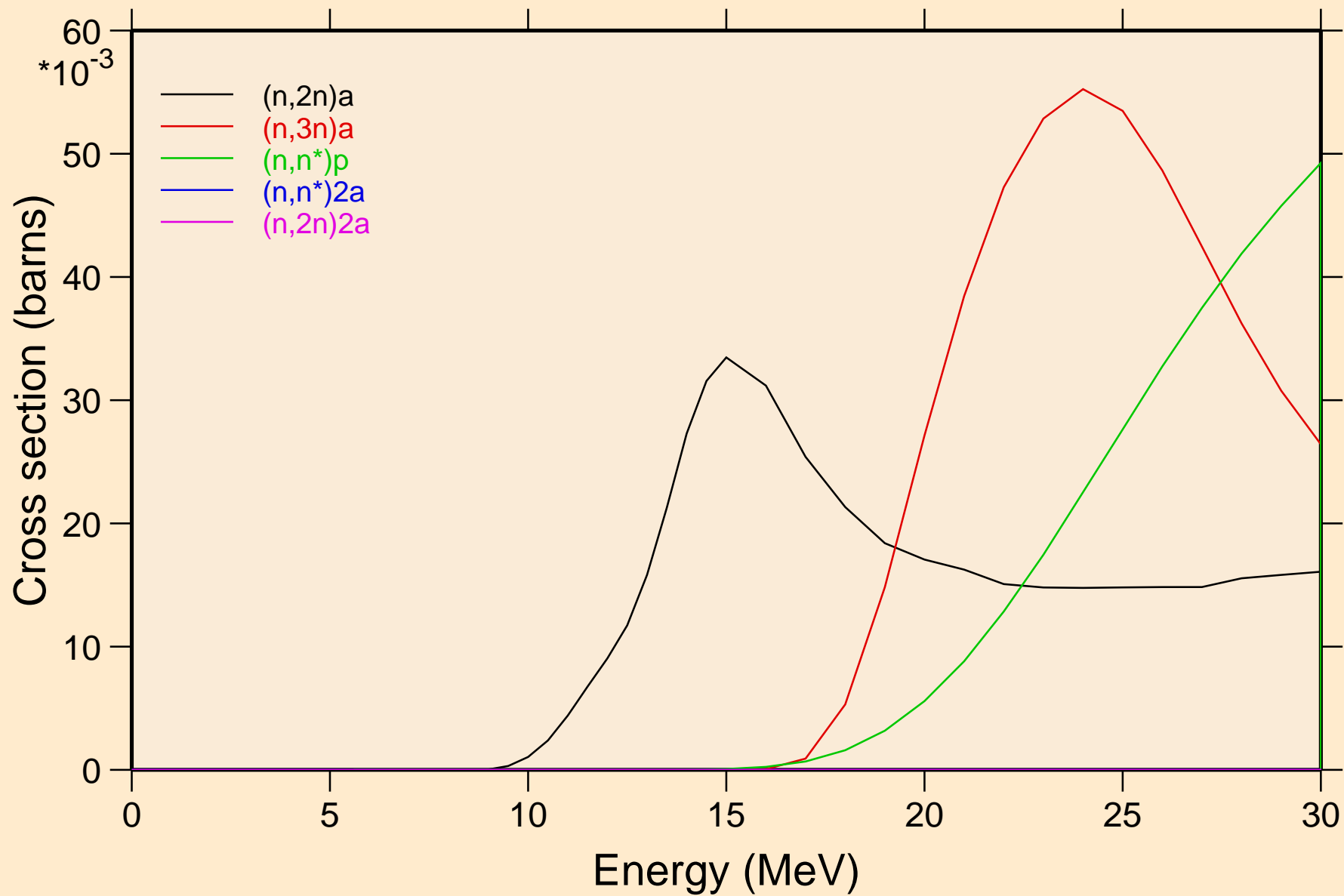
# CM243 NRG TENDL-2015, AKONING

## Threshold reactions



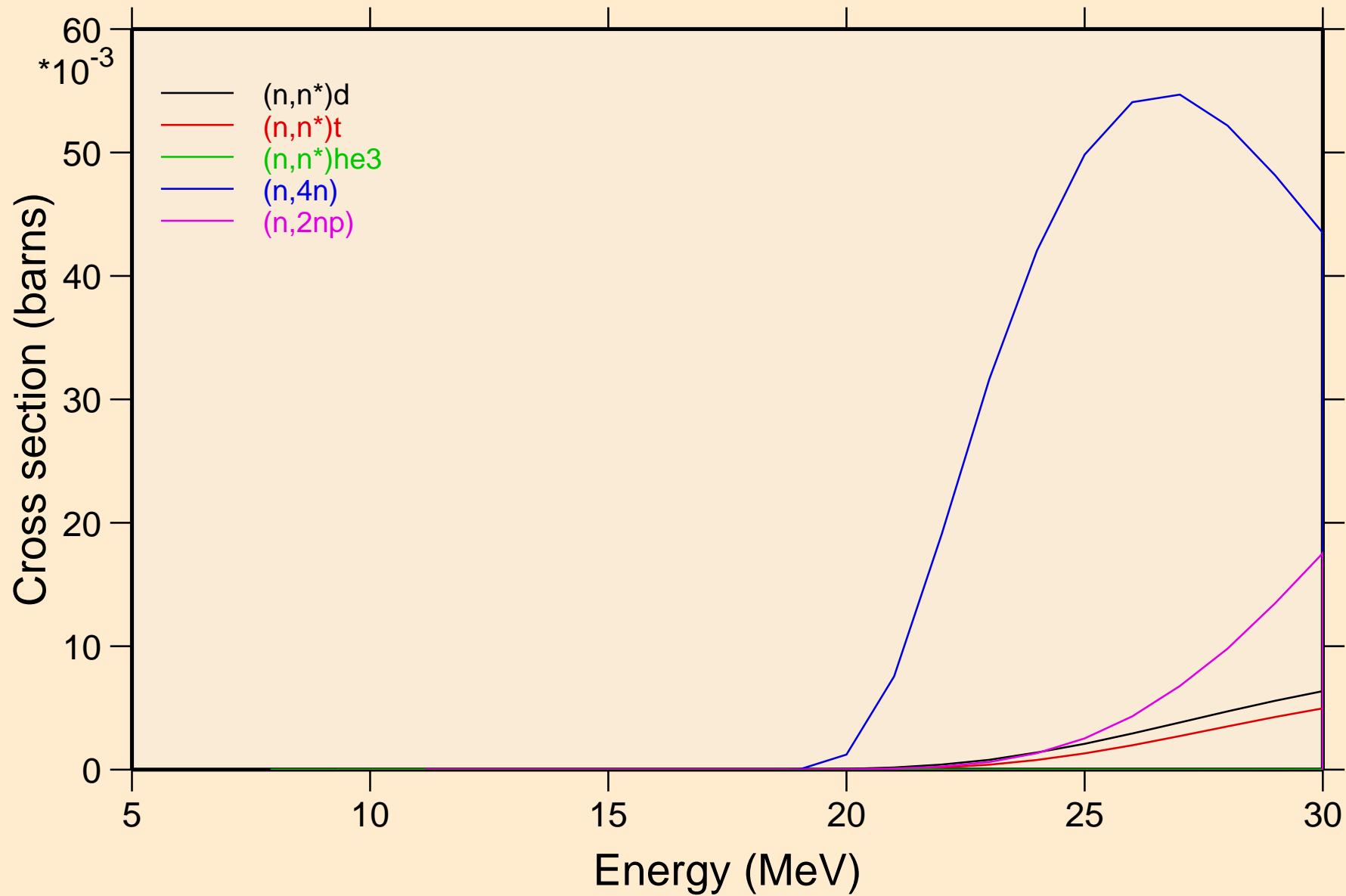
# CM243 NRG TENDL-2015, AKONING

## Threshold reactions



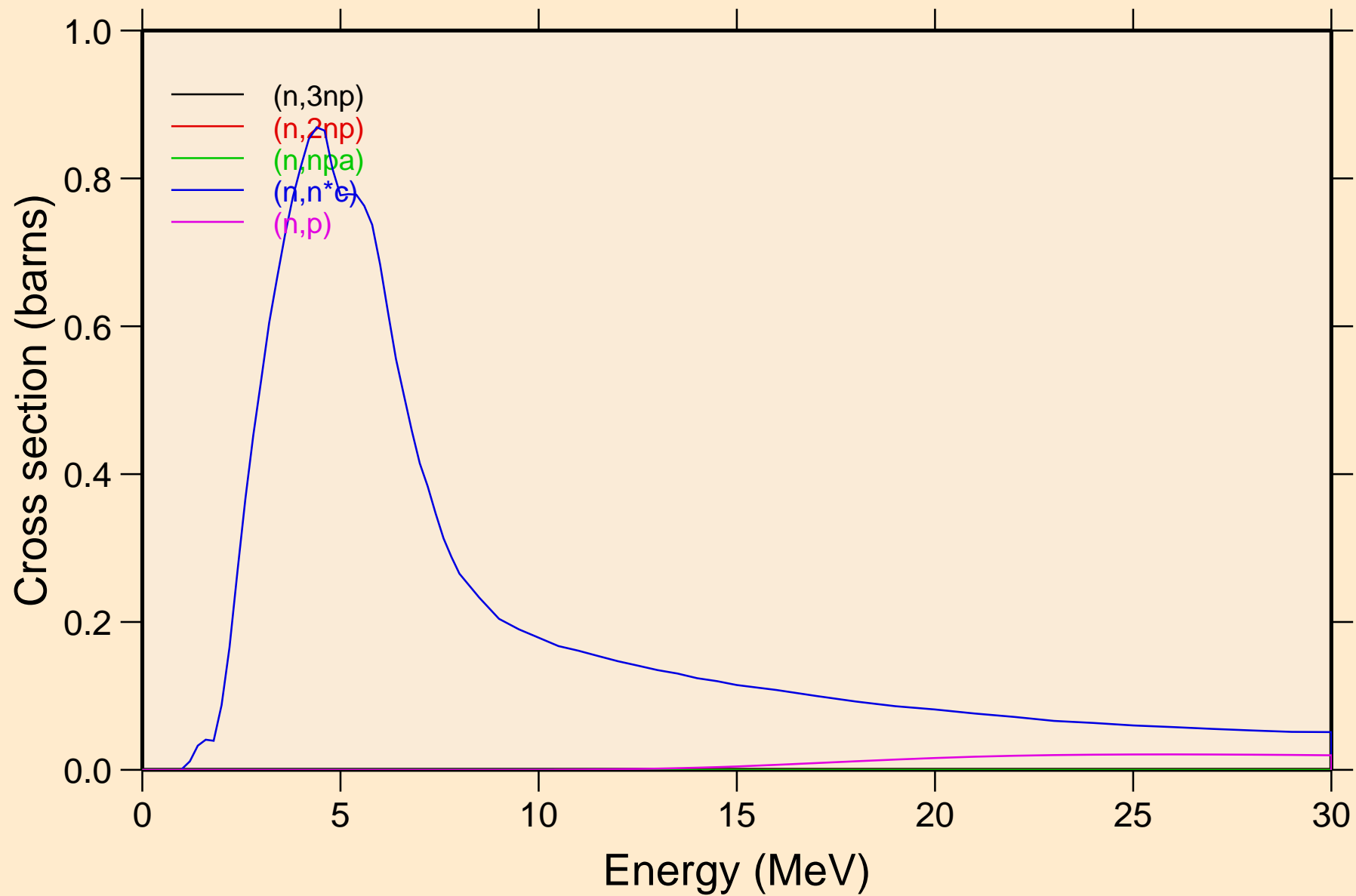
# CM243 NRG TENDL-2015, AKONING

## Threshold reactions



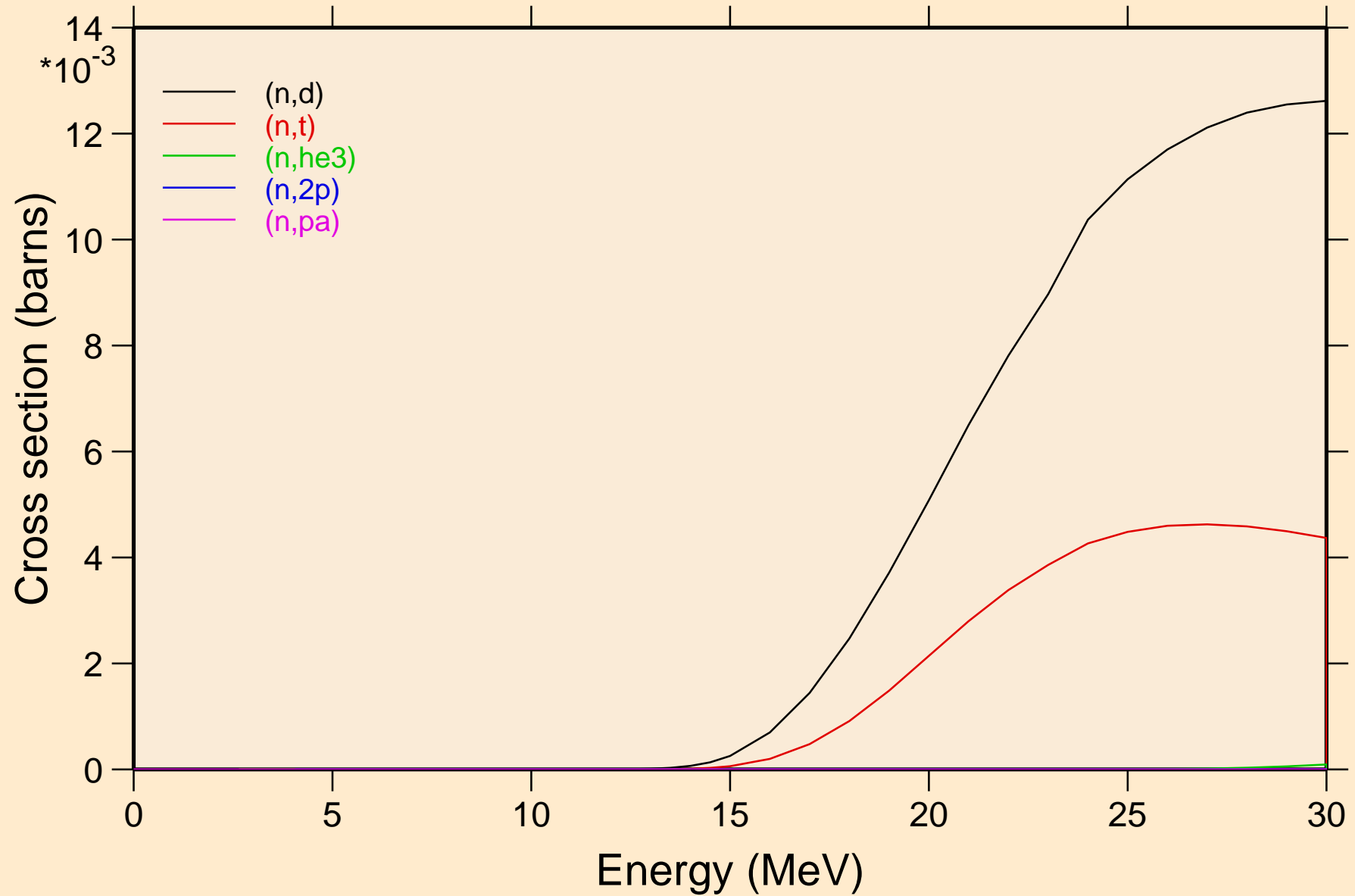
# CM243 NRG TENDL-2015, AKONING

## Threshold reactions



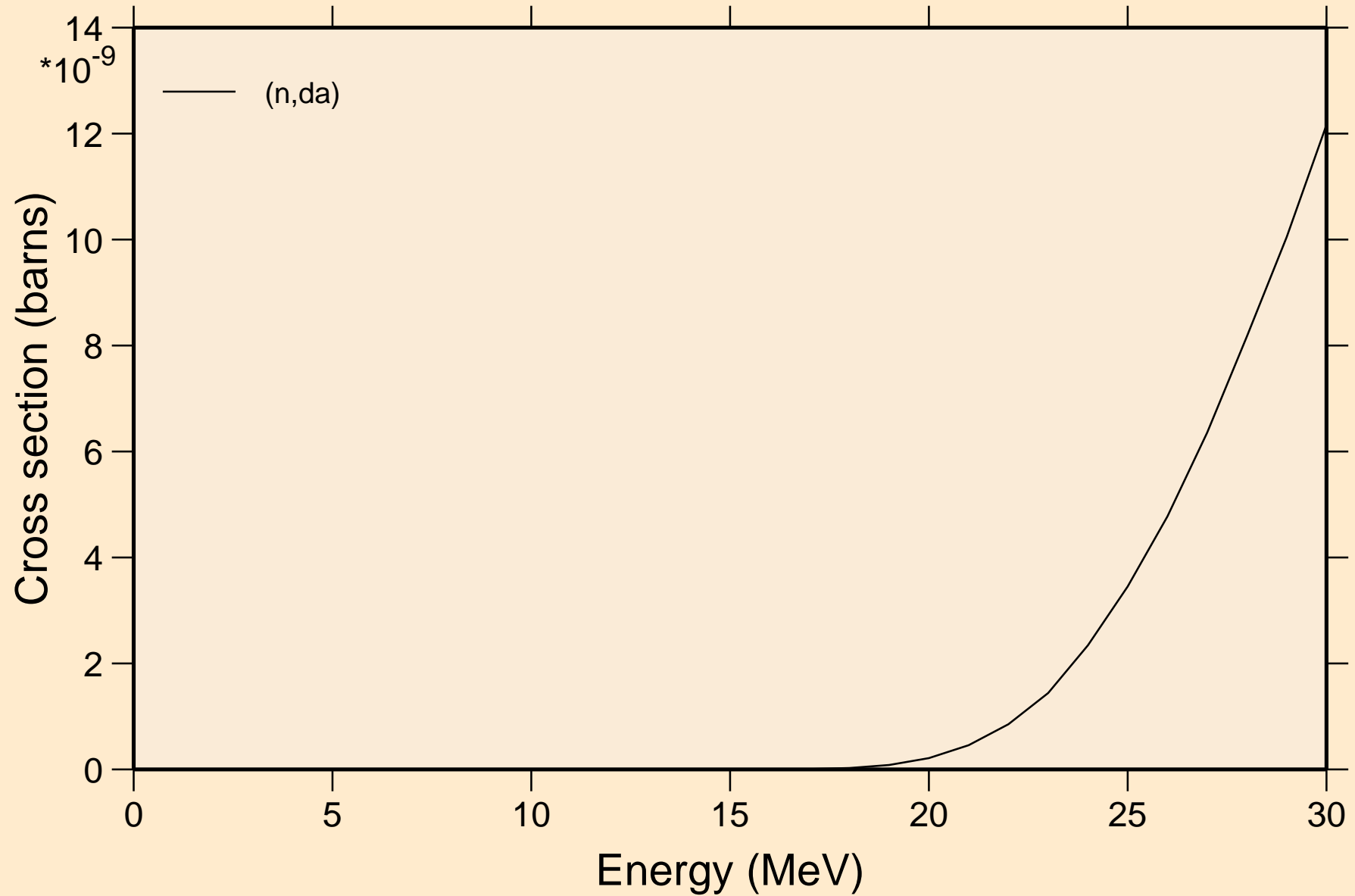
# CM243 NRG TENDL-2015, AKONING

## Threshold reactions

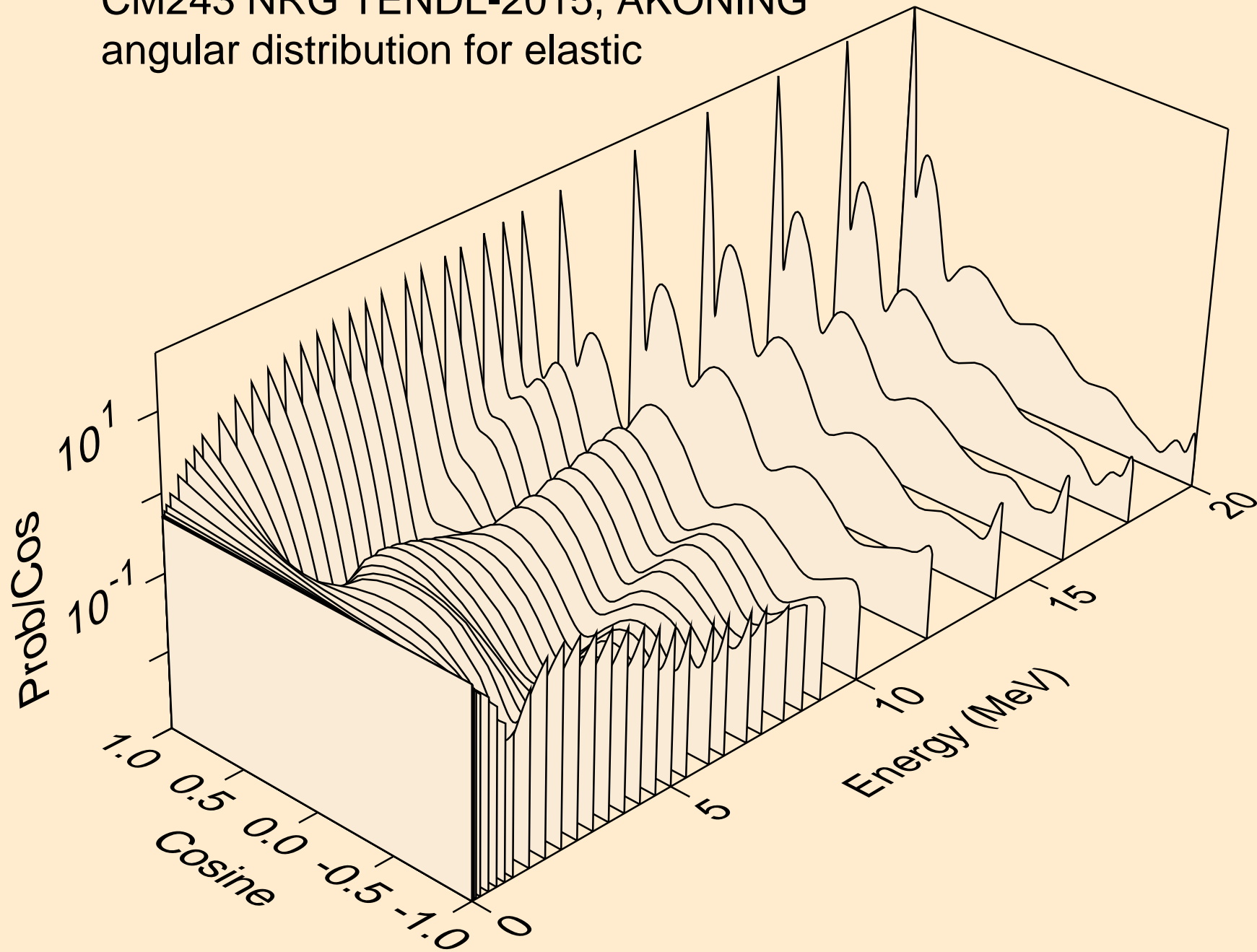


# CM243 NRG TENDL-2015, AKONING

## Threshold reactions

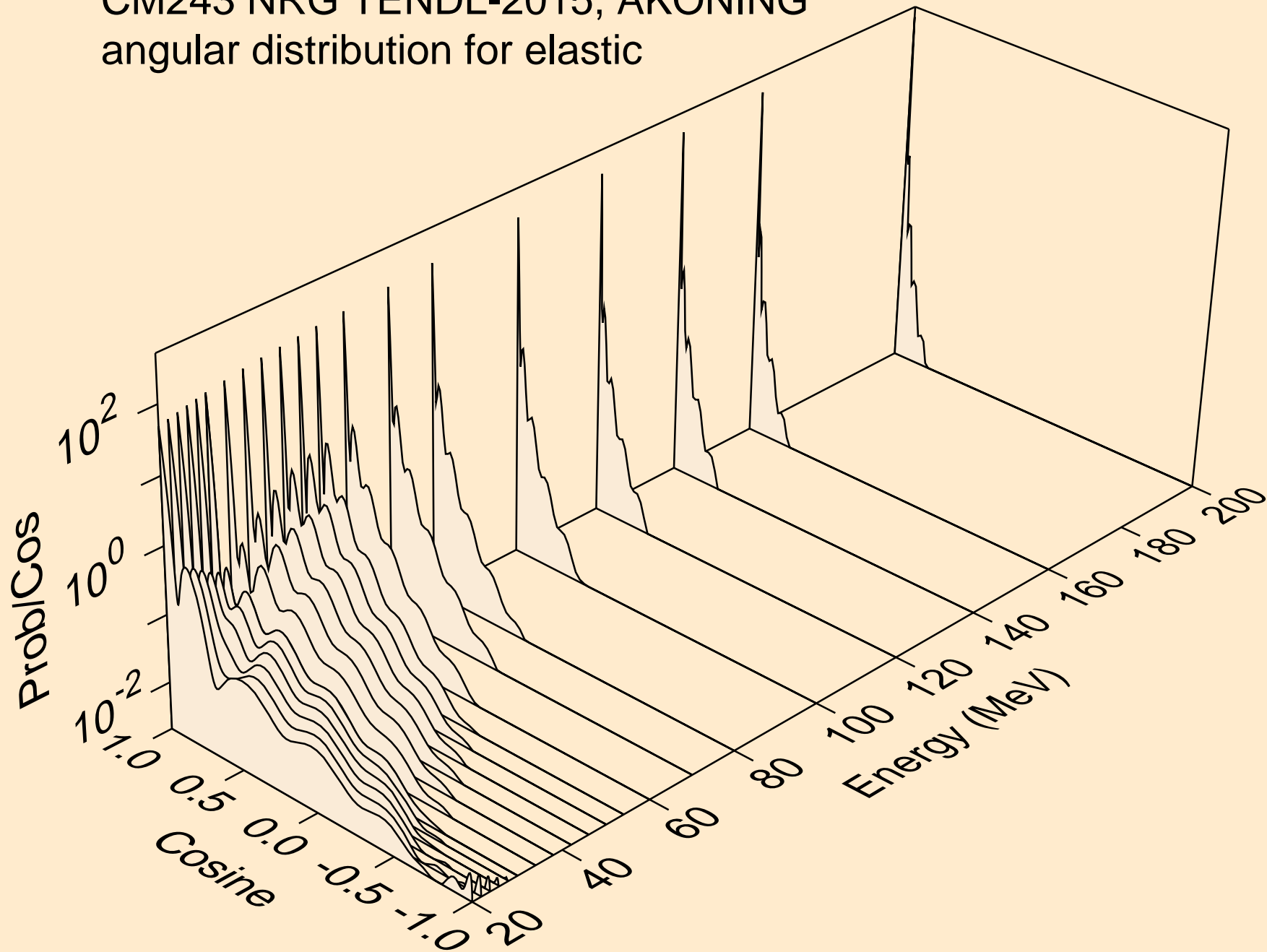


CM243 NRG TENDL-2015, AKONING  
angular distribution for elastic

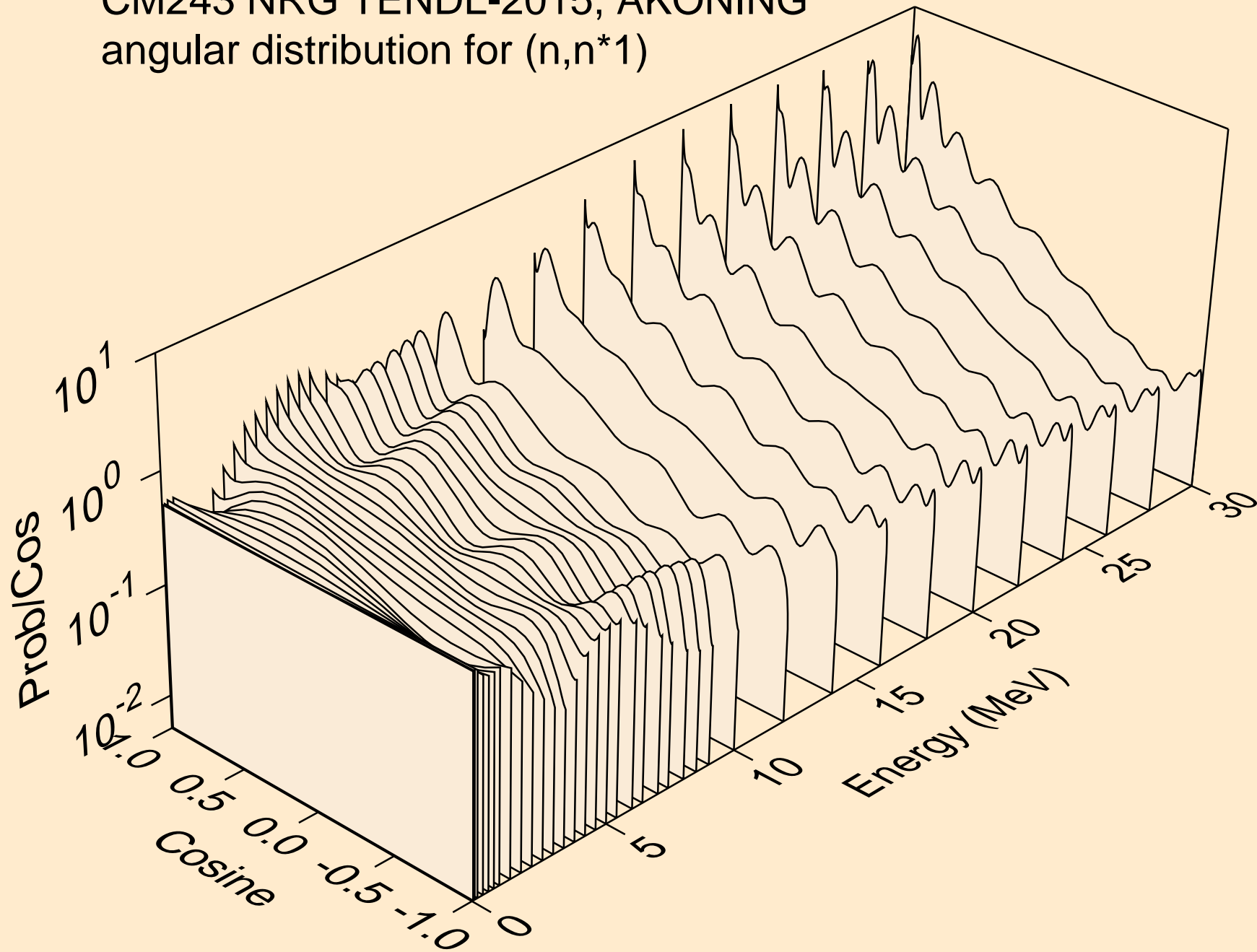




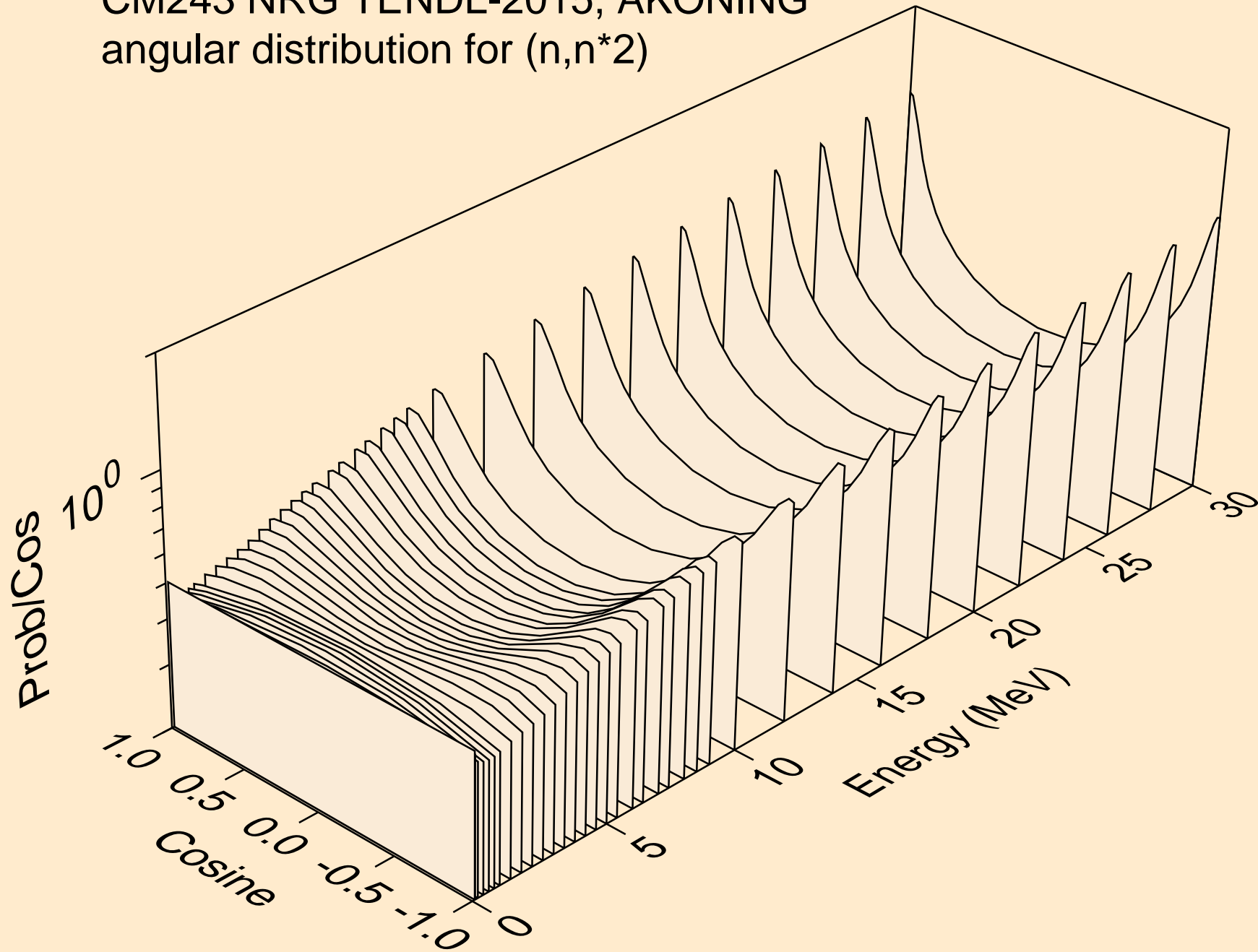
CM243 NRG TENDL-2015, AKONING  
angular distribution for elastic



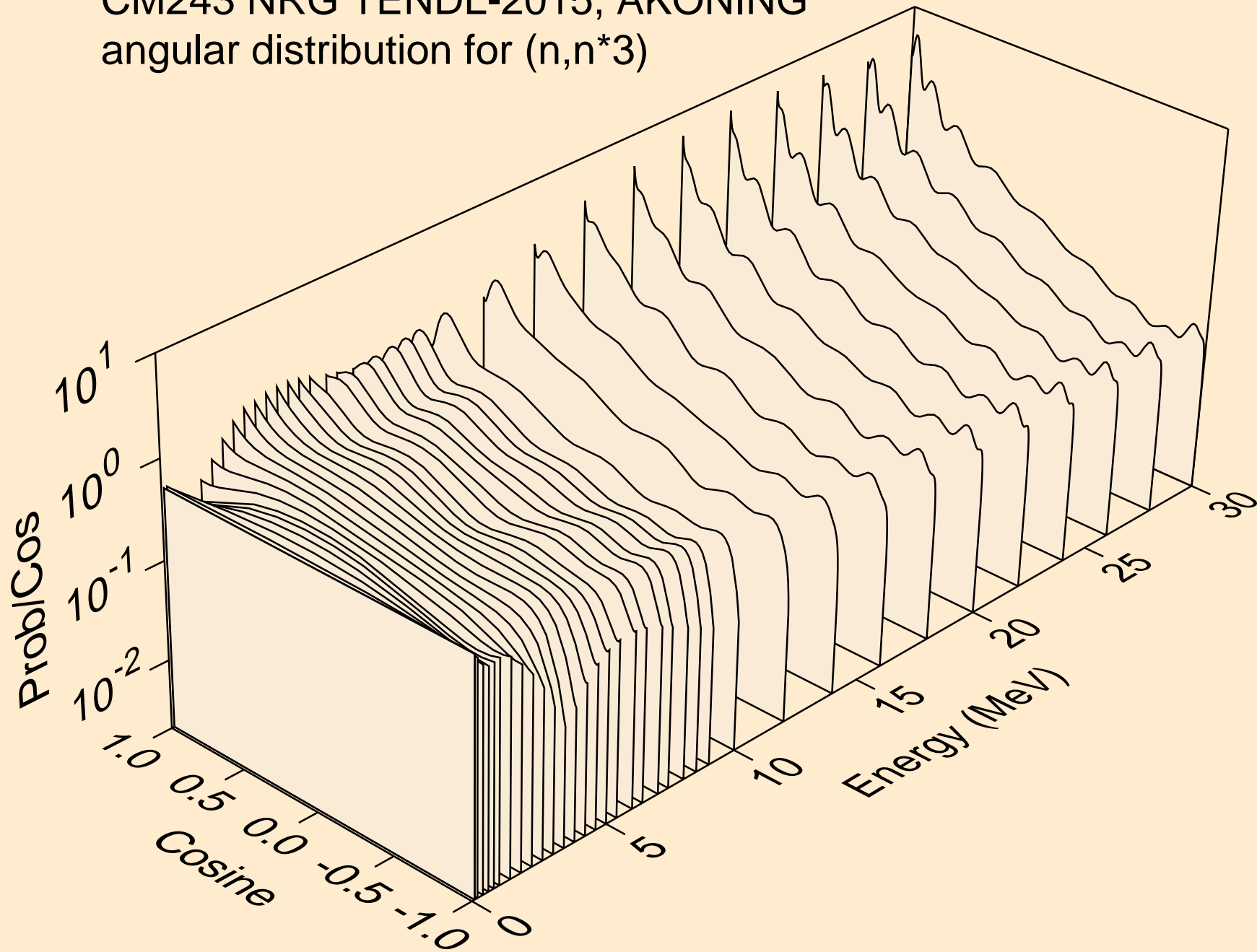
CM243 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



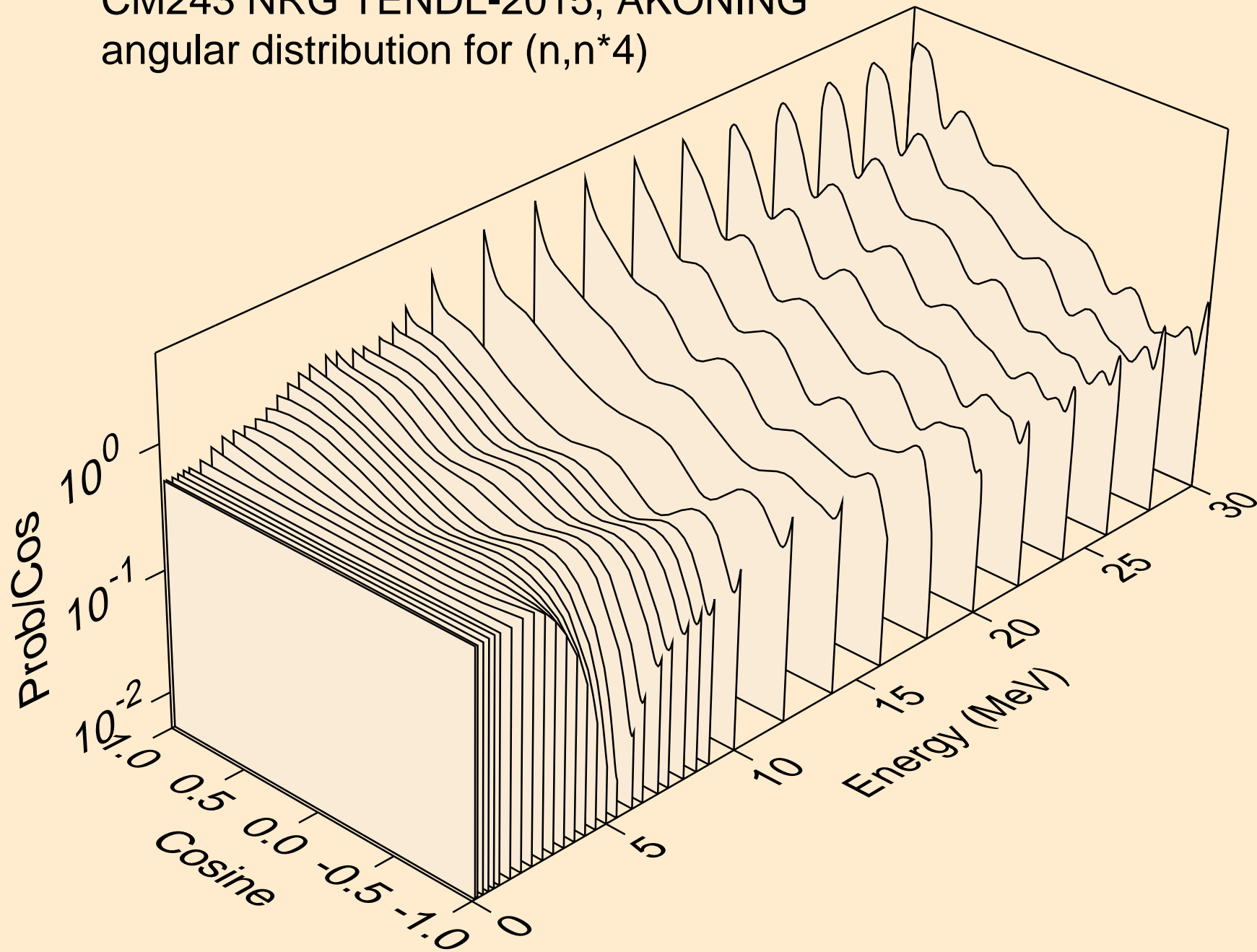
CM243 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



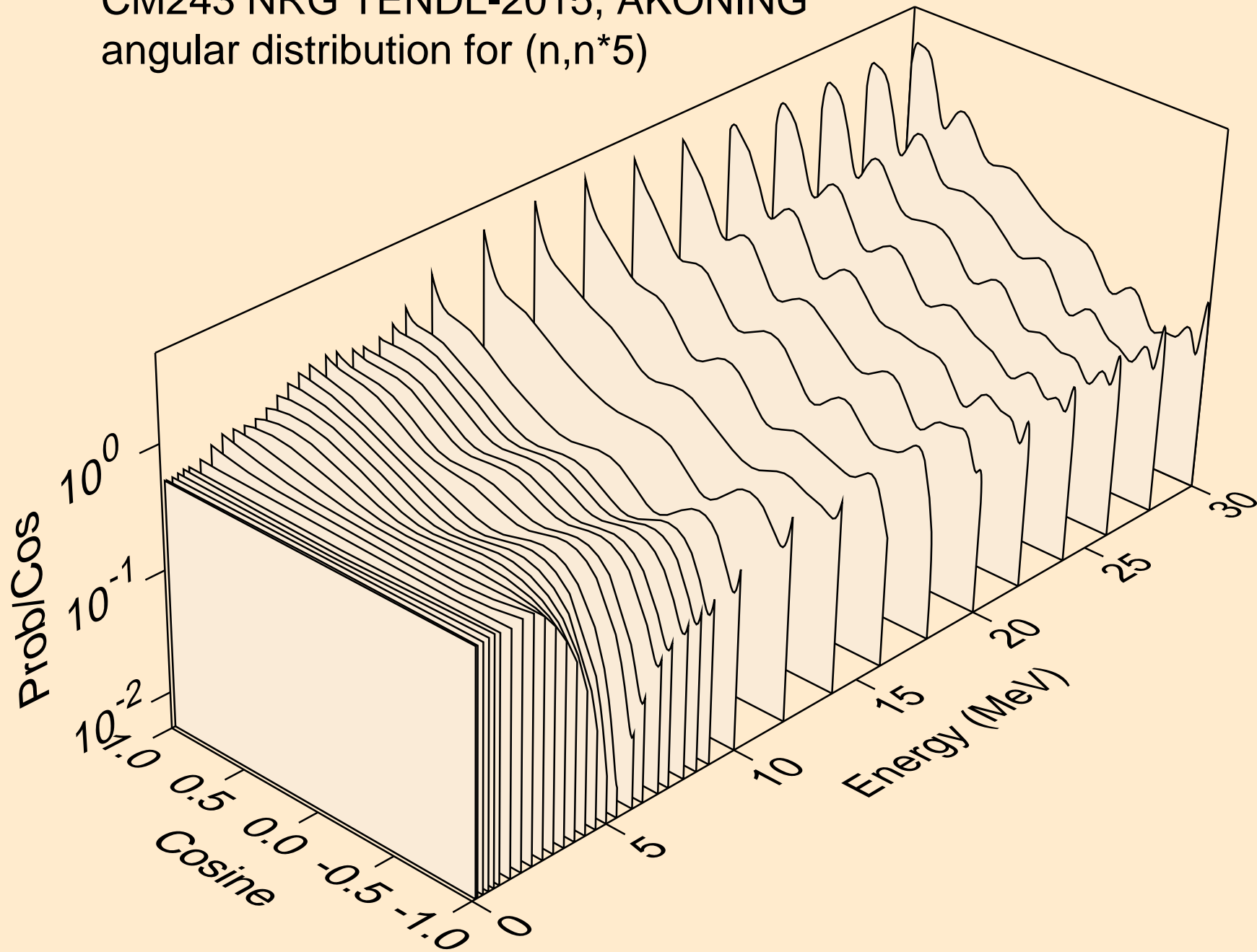
CM243 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



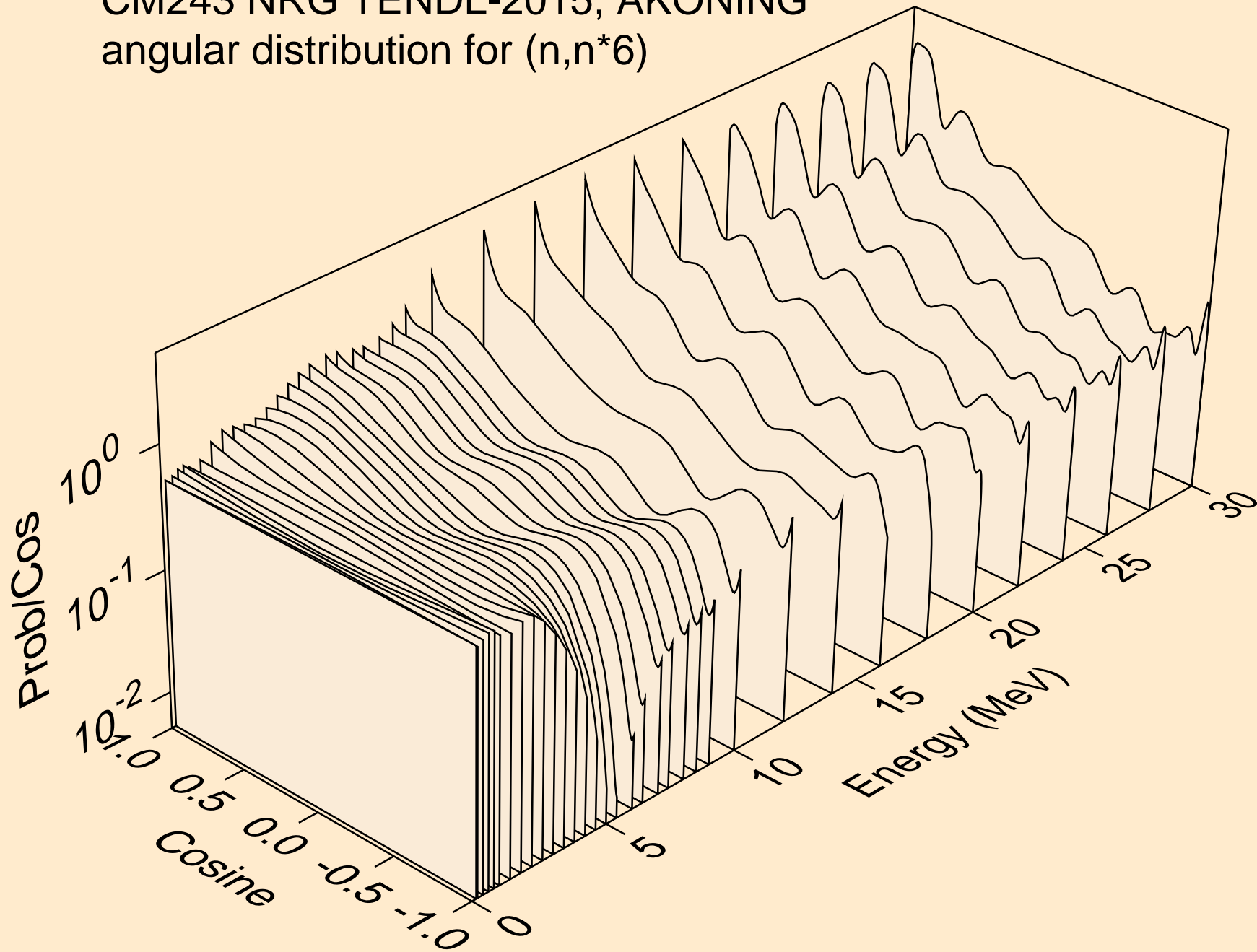
CM243 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



CM243 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

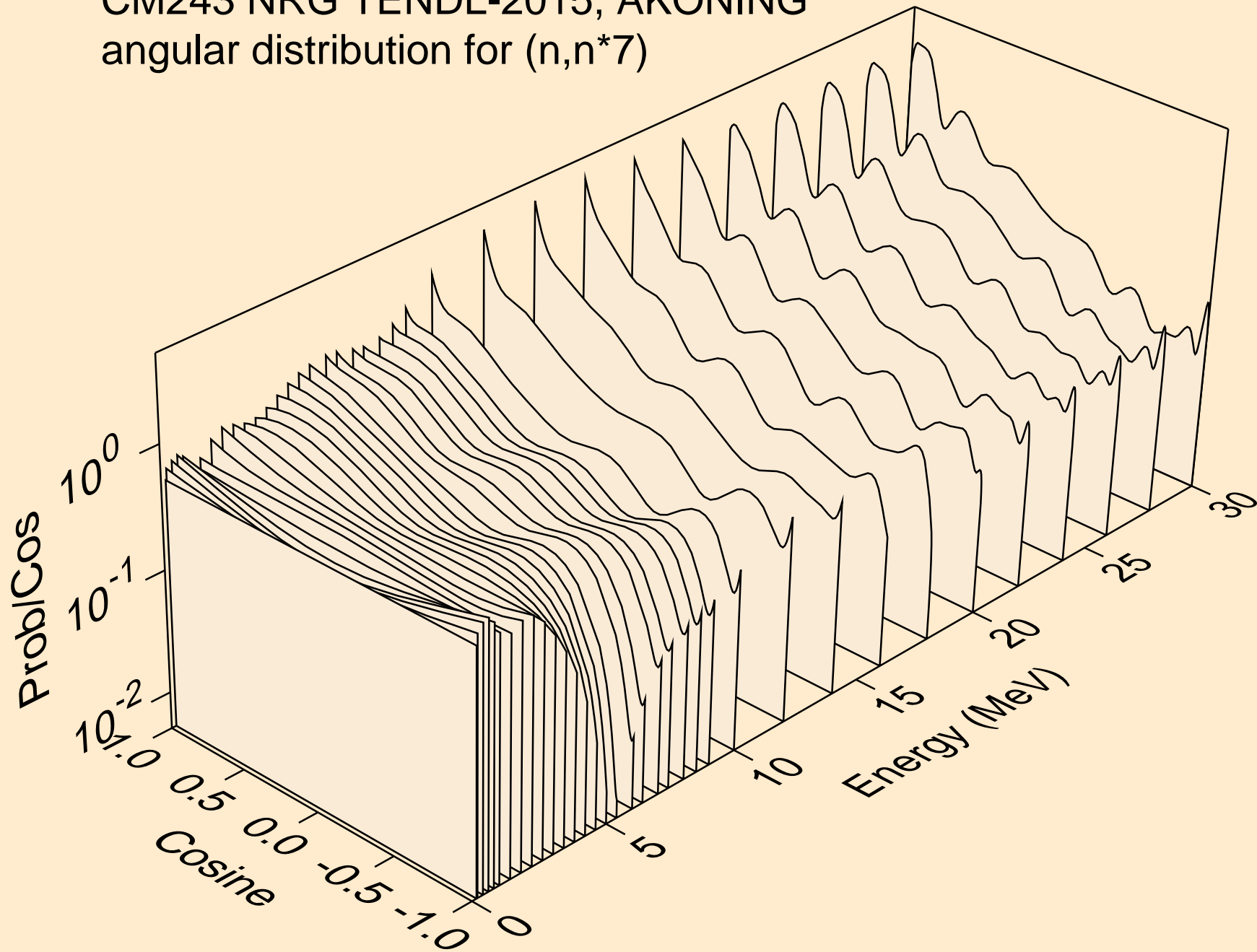


CM243 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



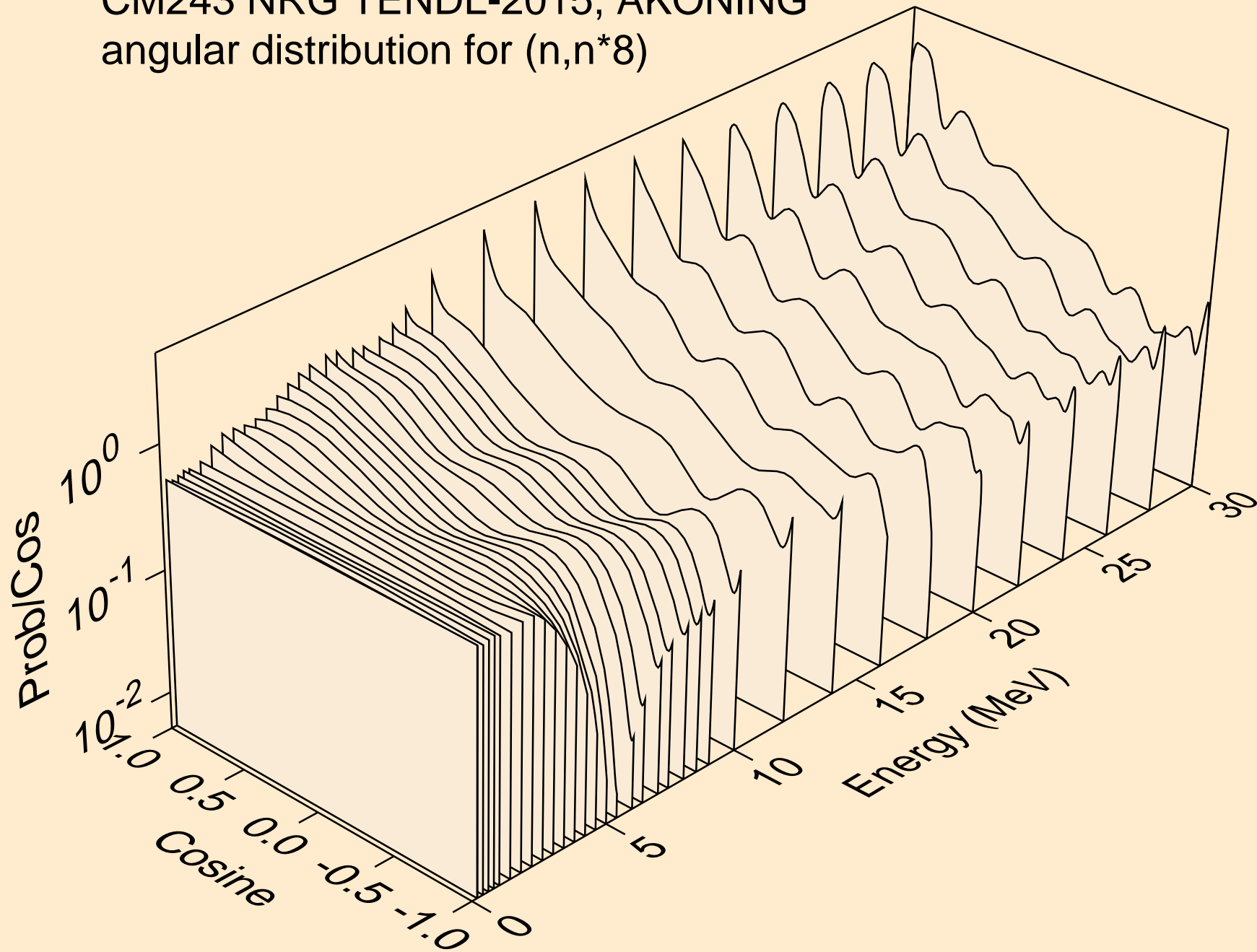


CM243 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

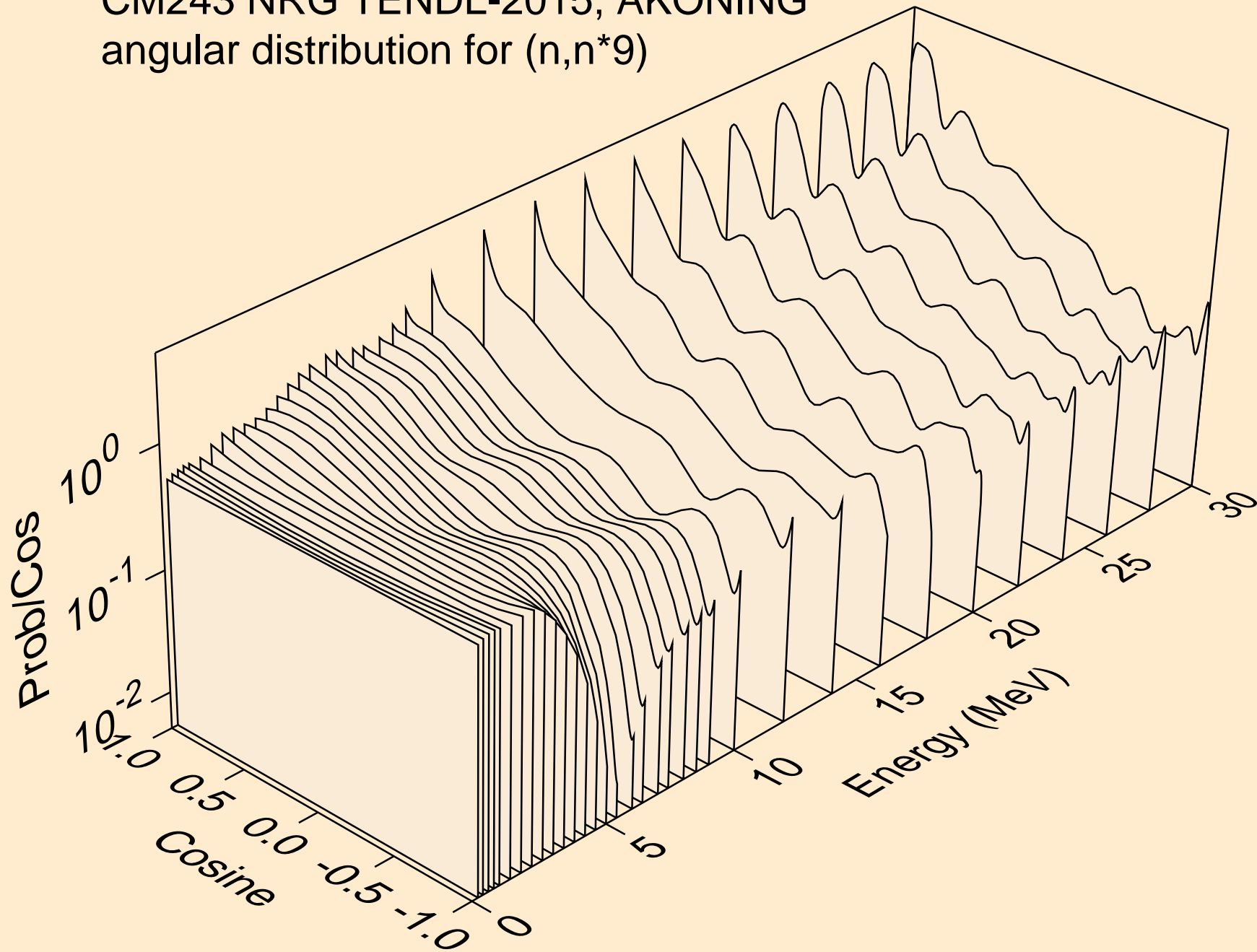




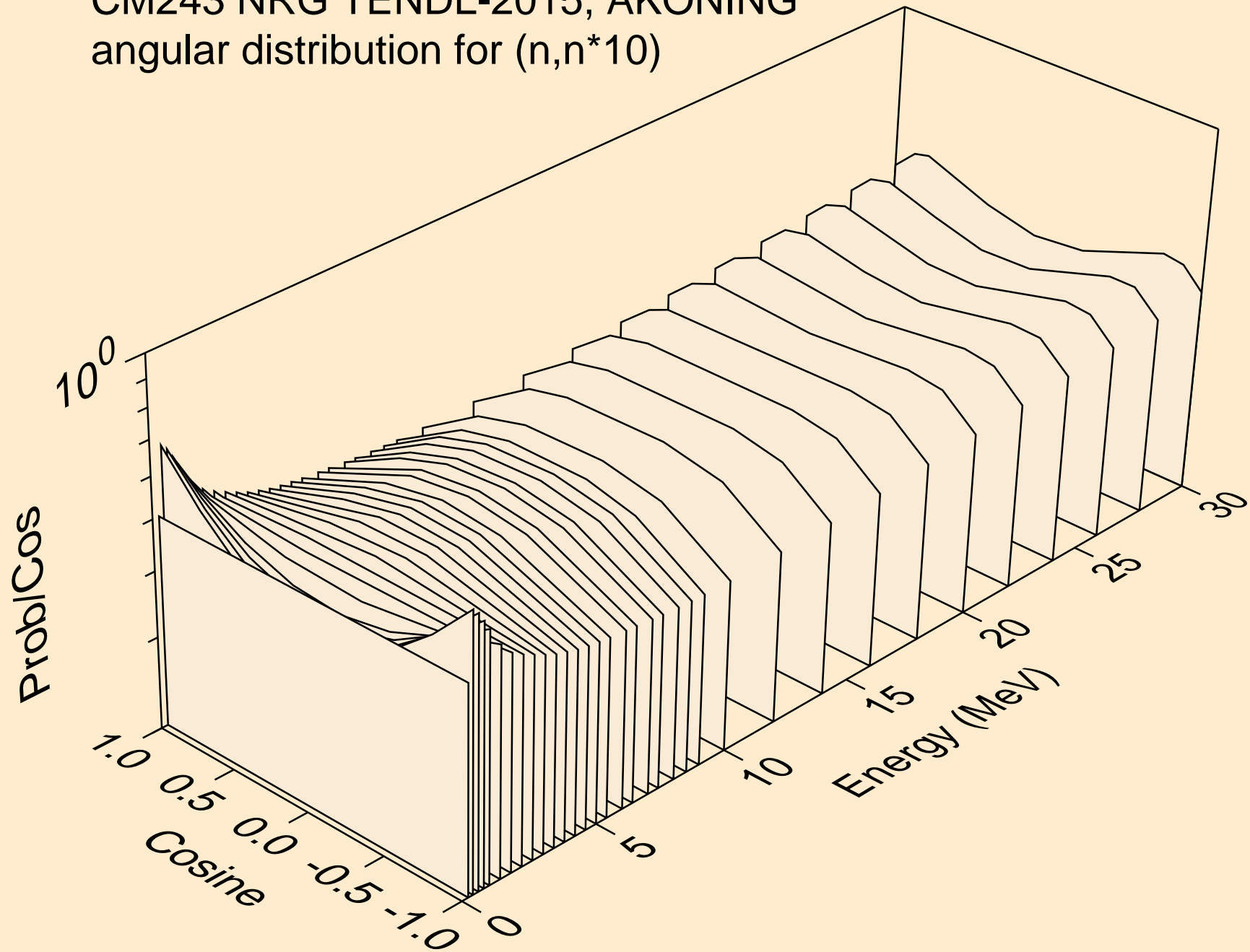
CM243 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



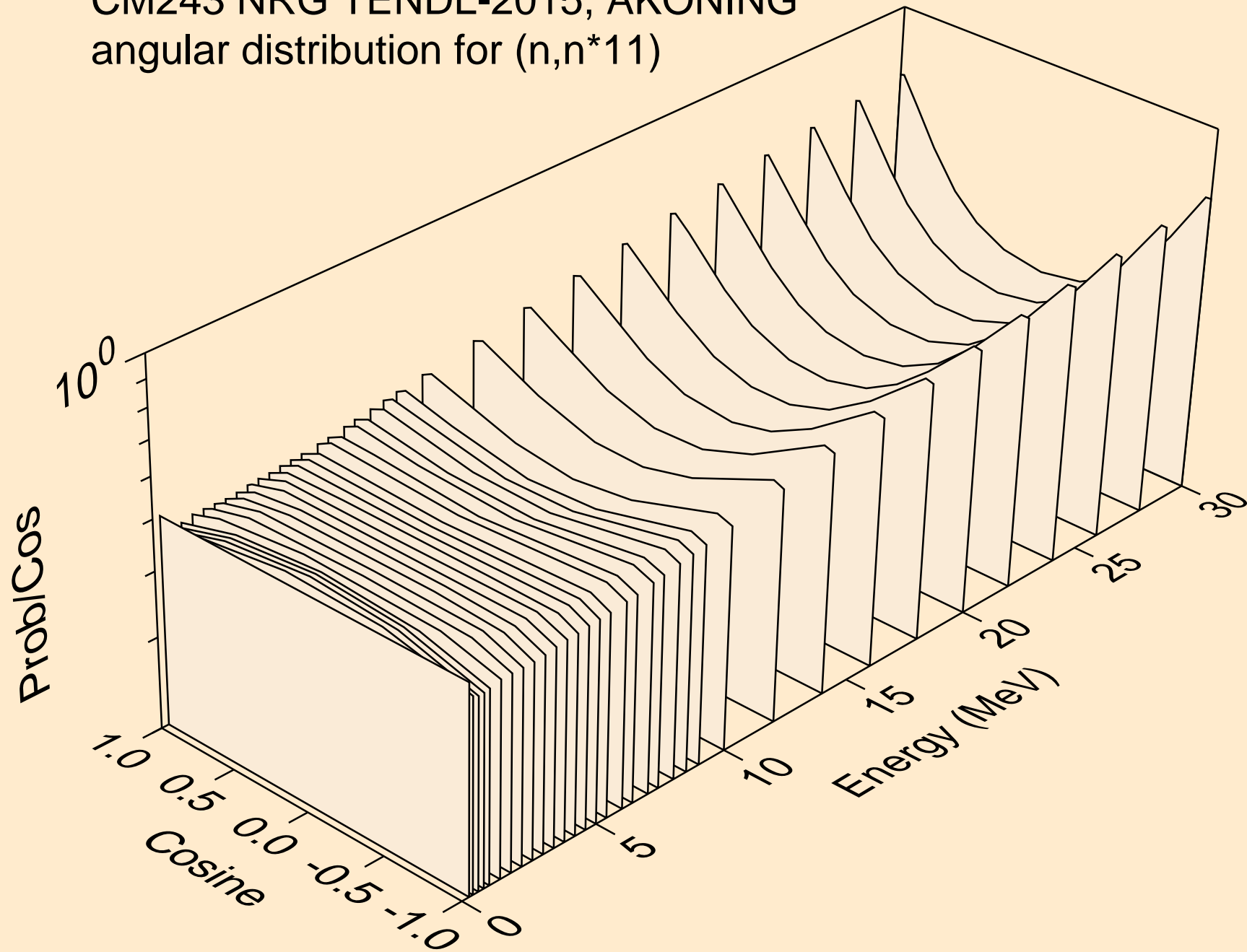
CM243 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



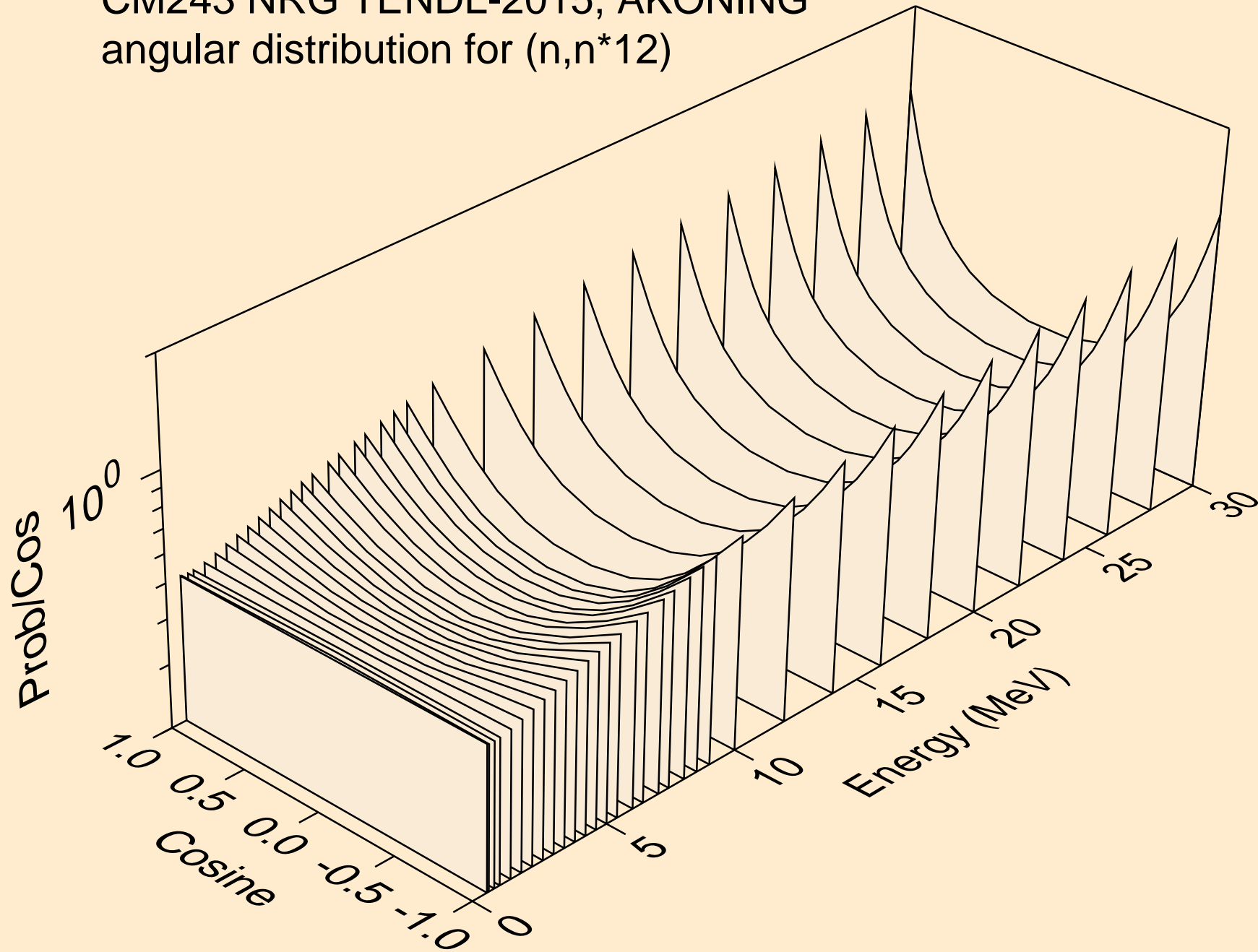
CM243 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



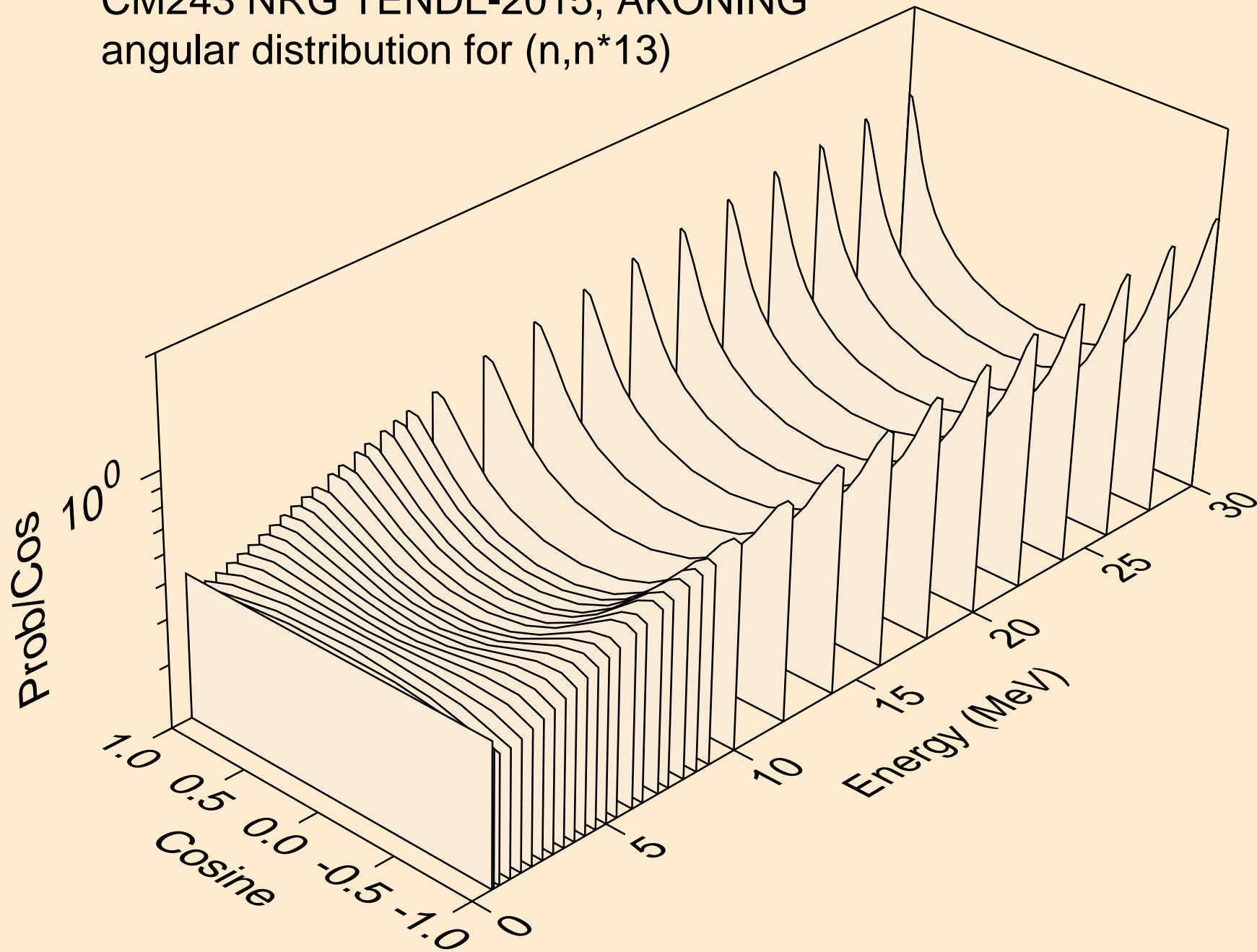
CM243 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



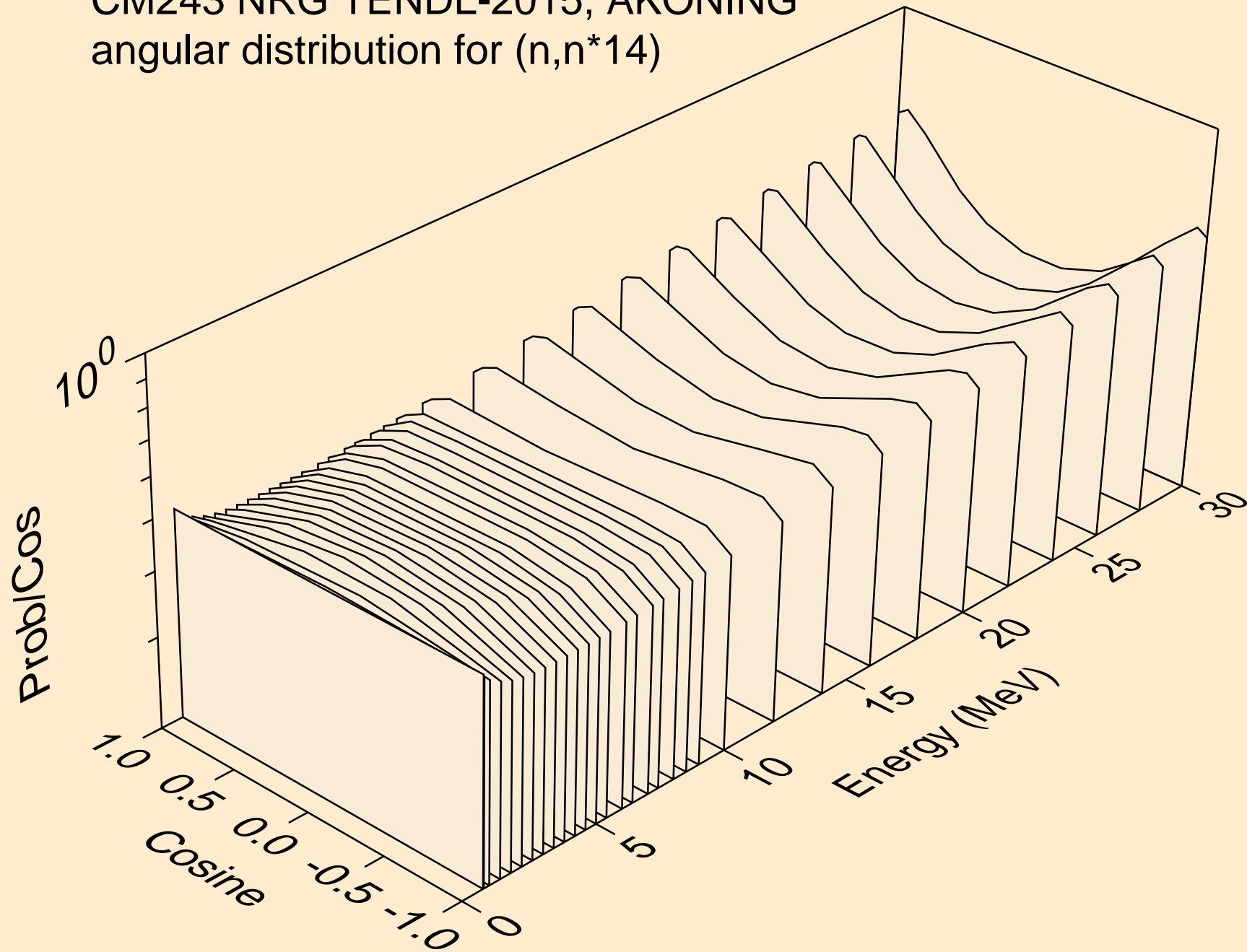
CM243 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



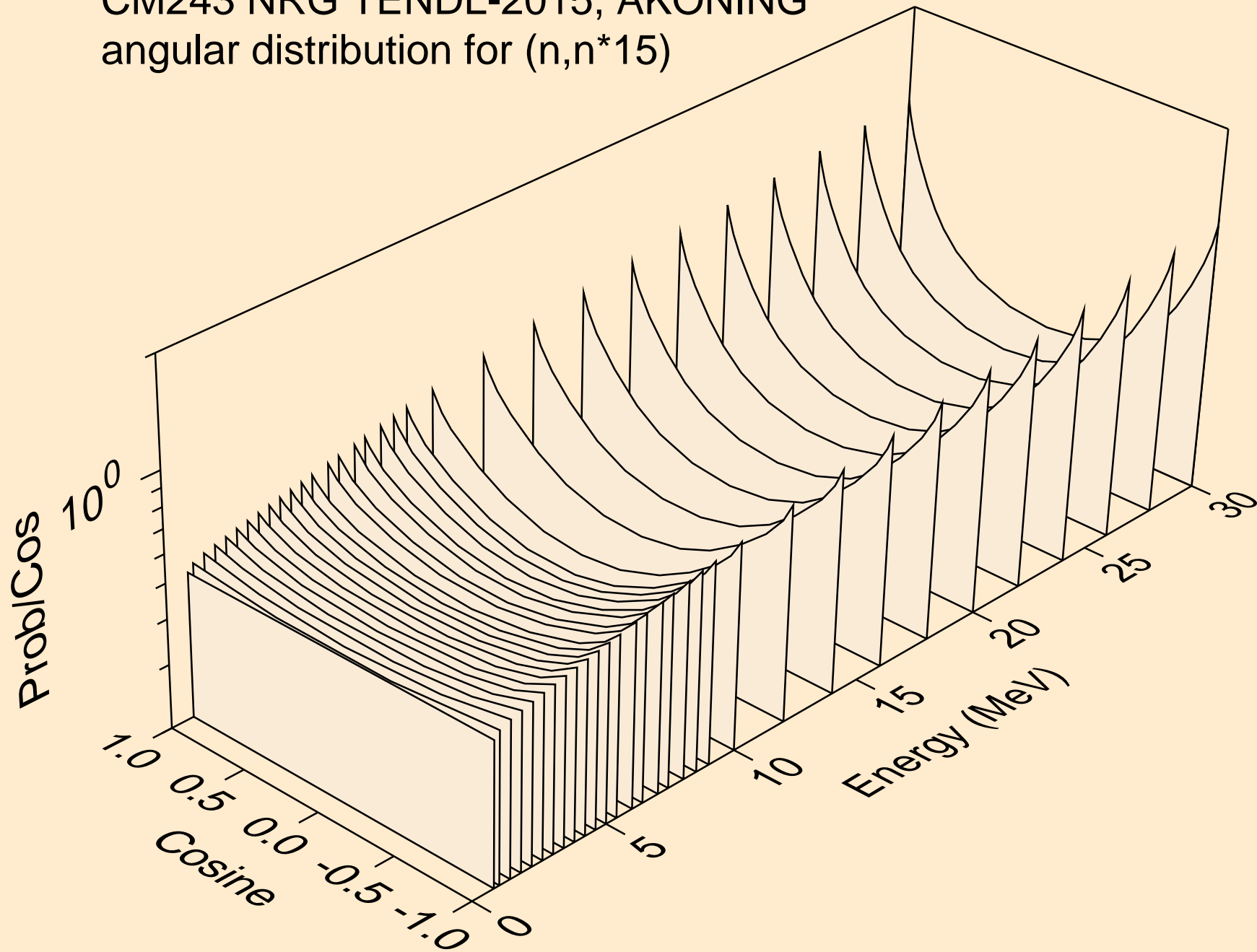
CM243 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



CM243 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

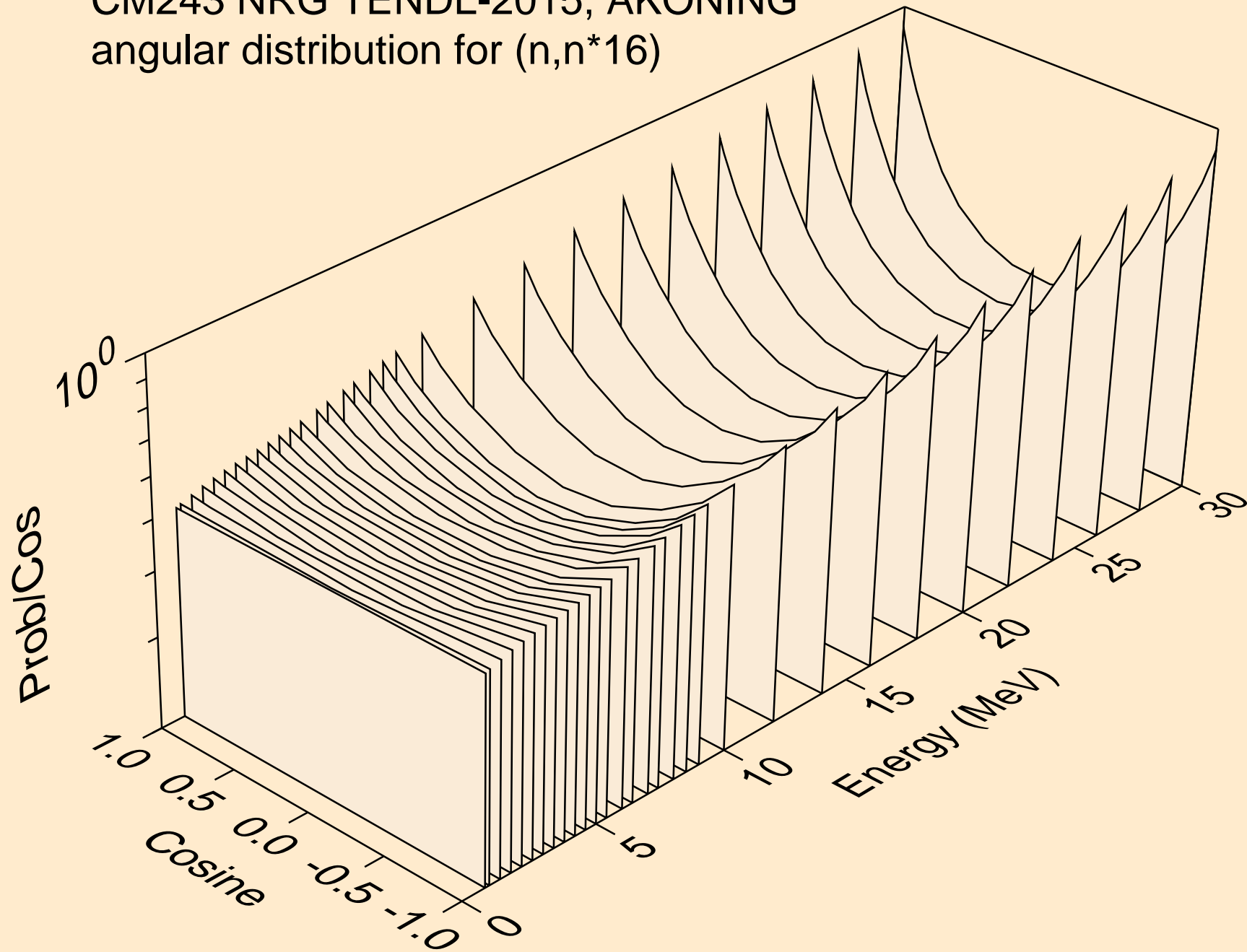


CM243 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

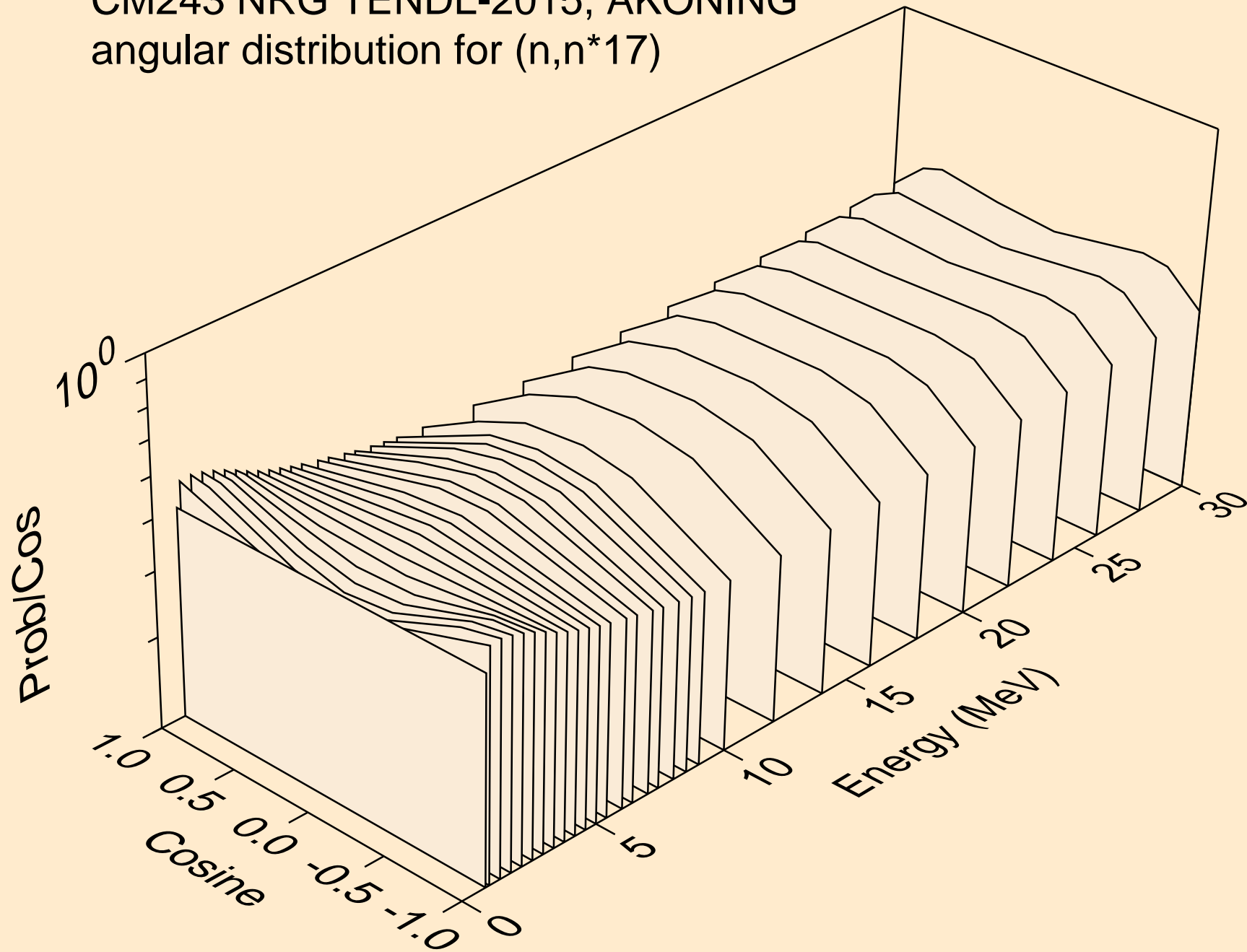




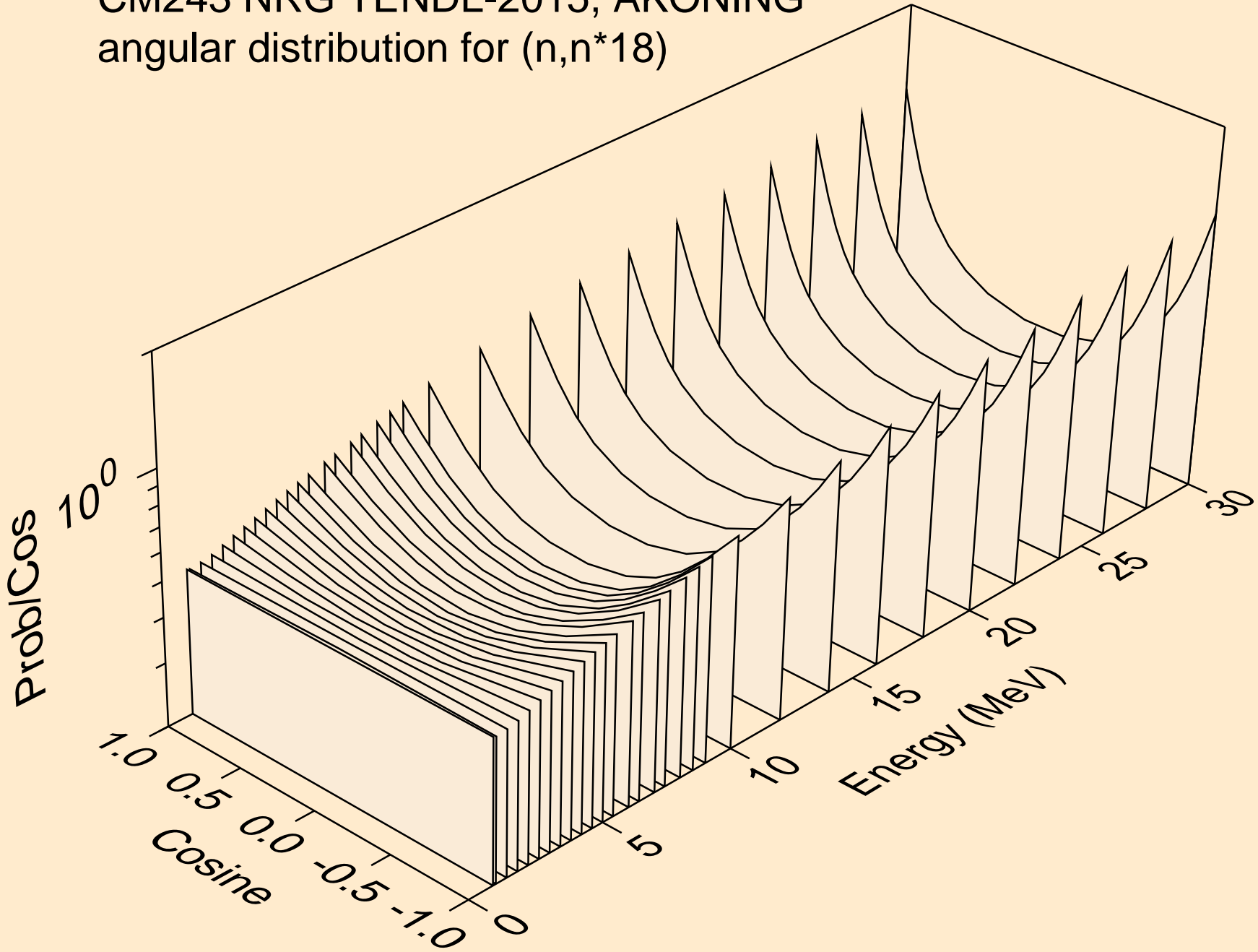
CM243 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



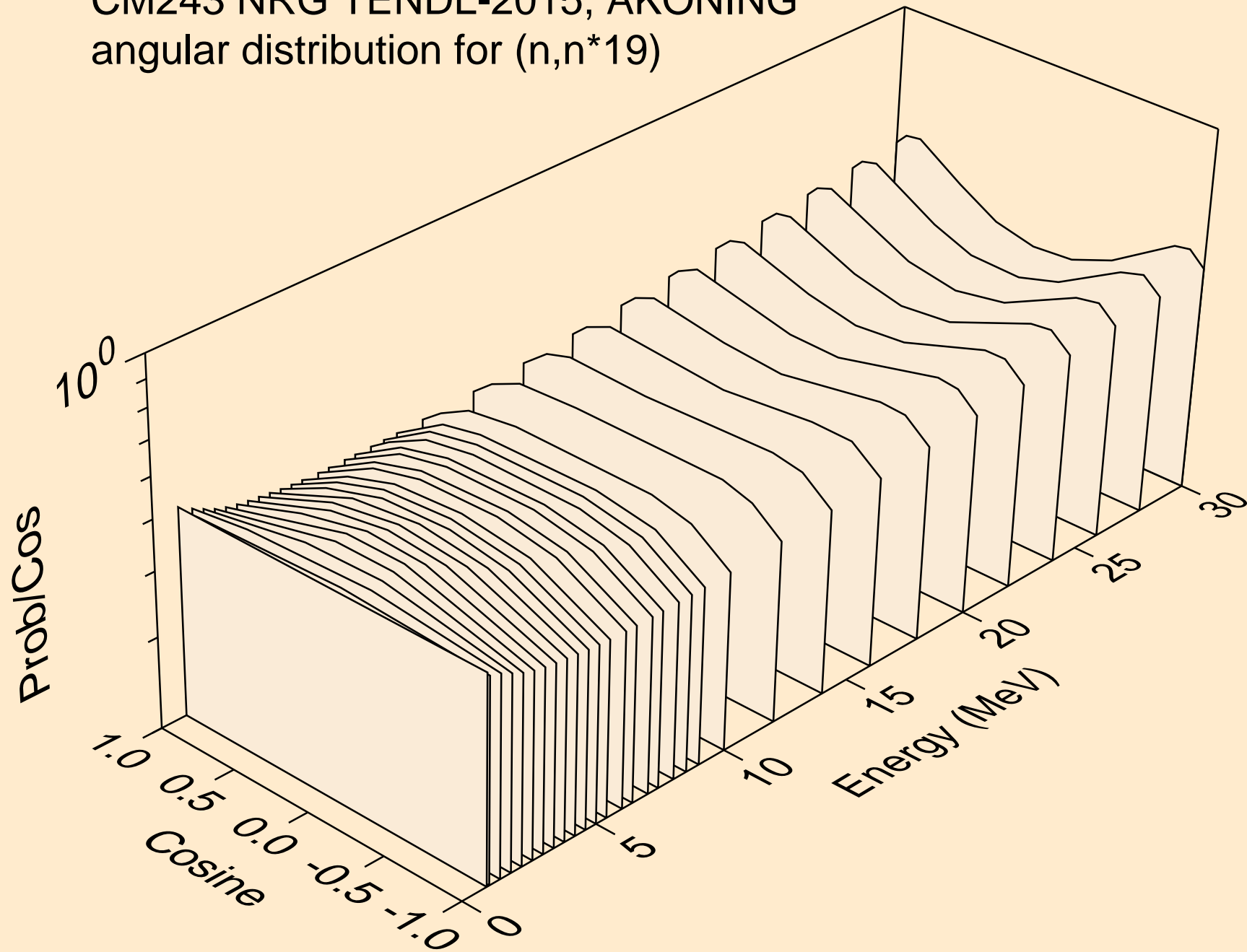
CM243 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



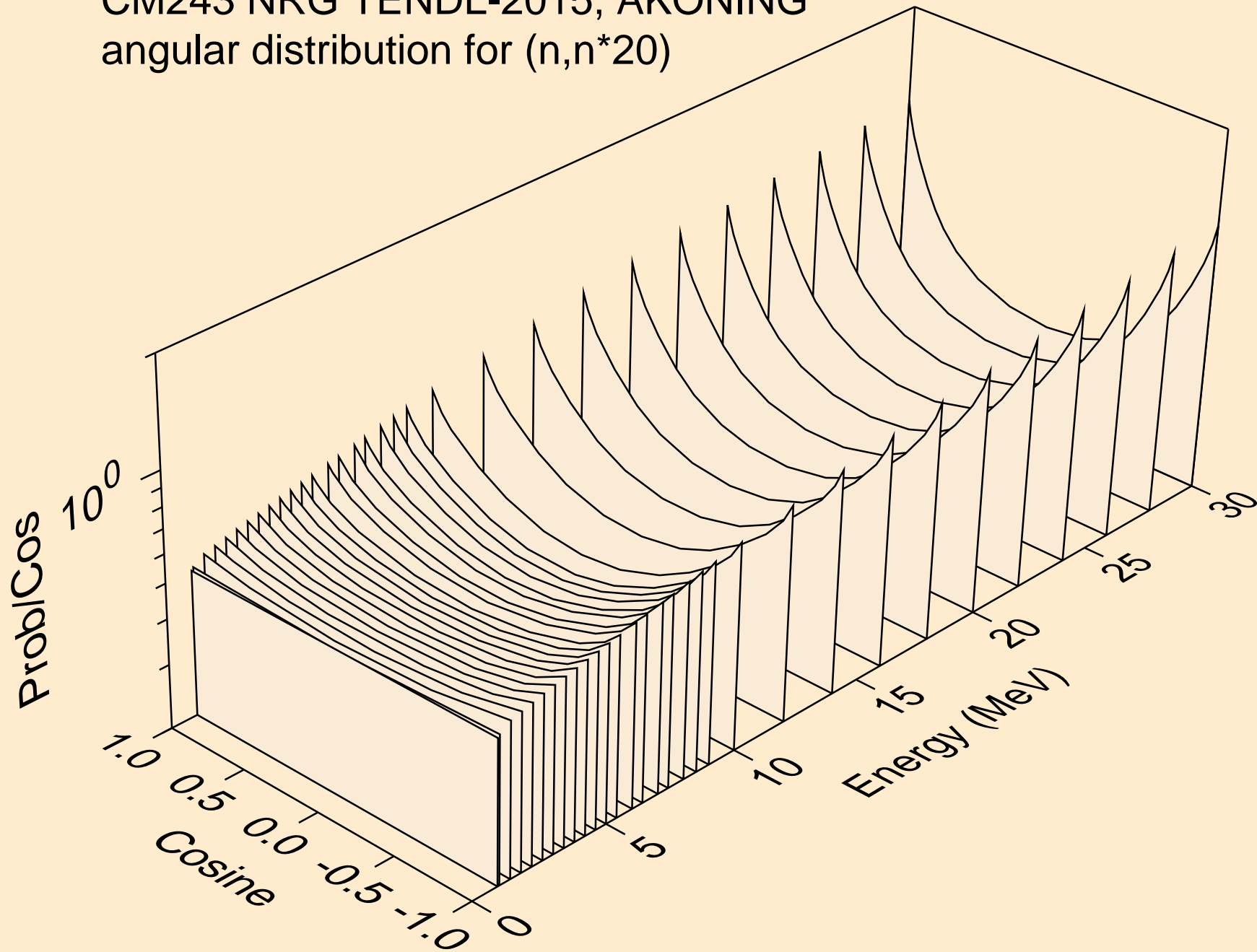
CM243 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



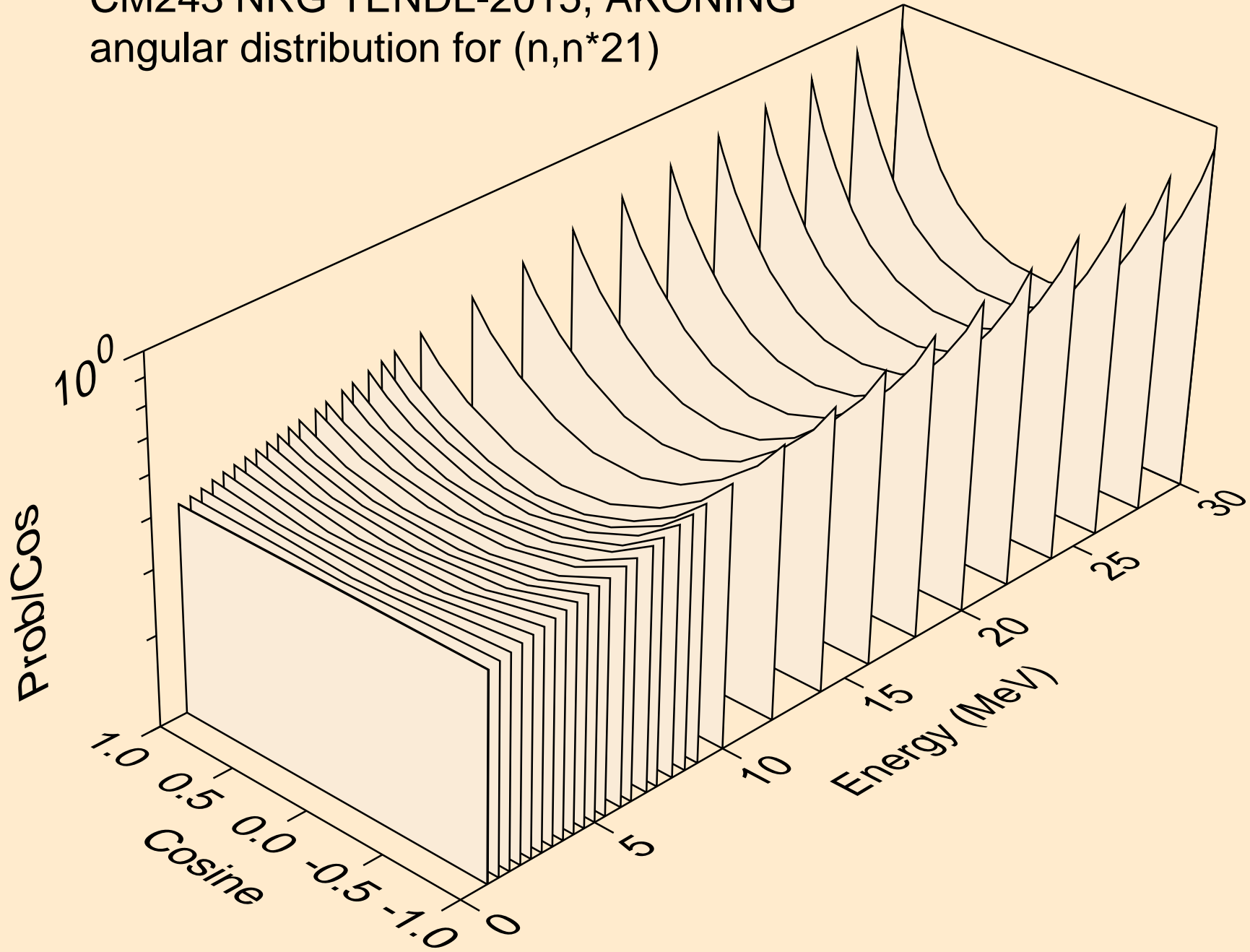
CM243 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



CM243 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)

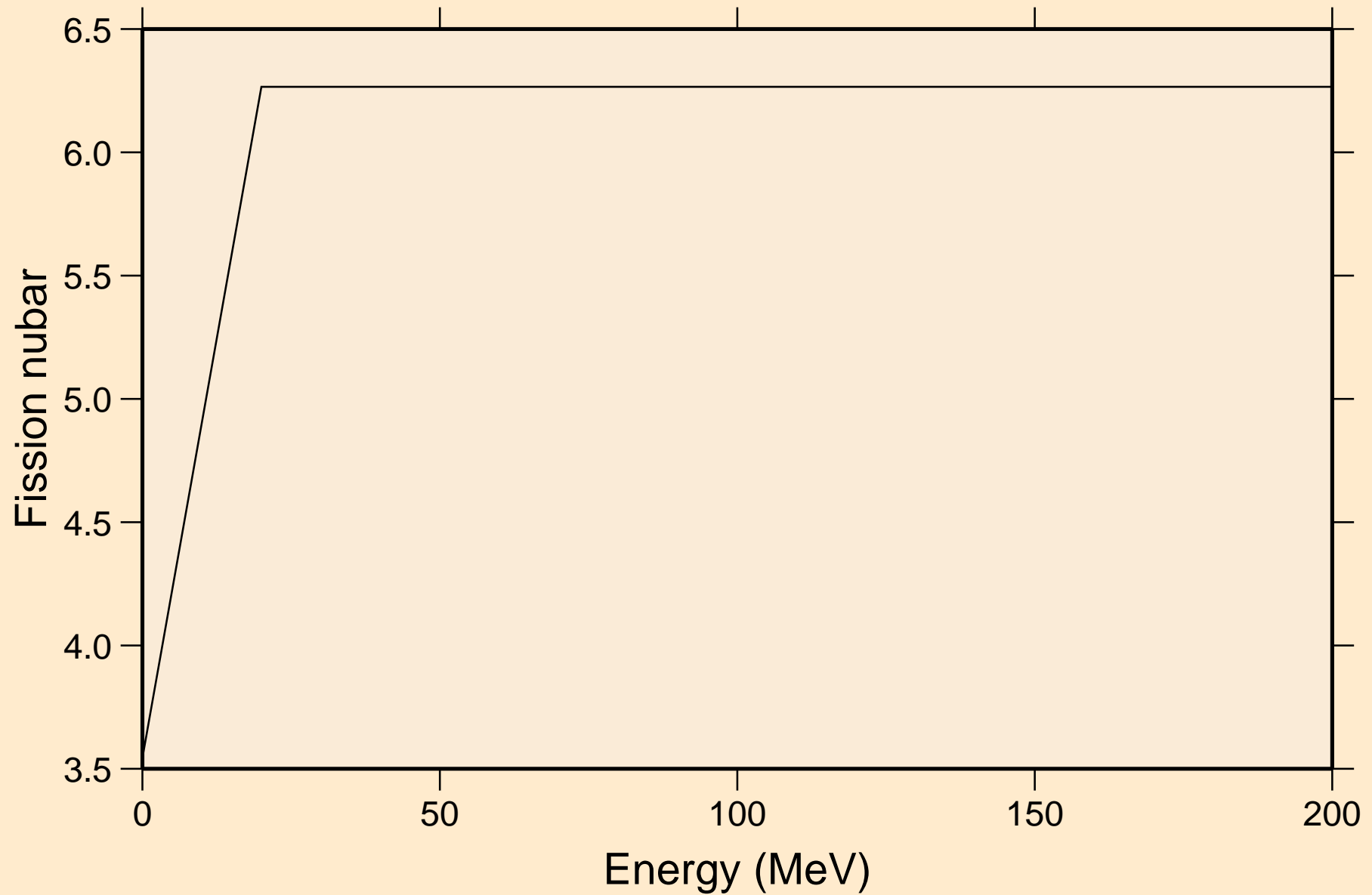


CM243 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

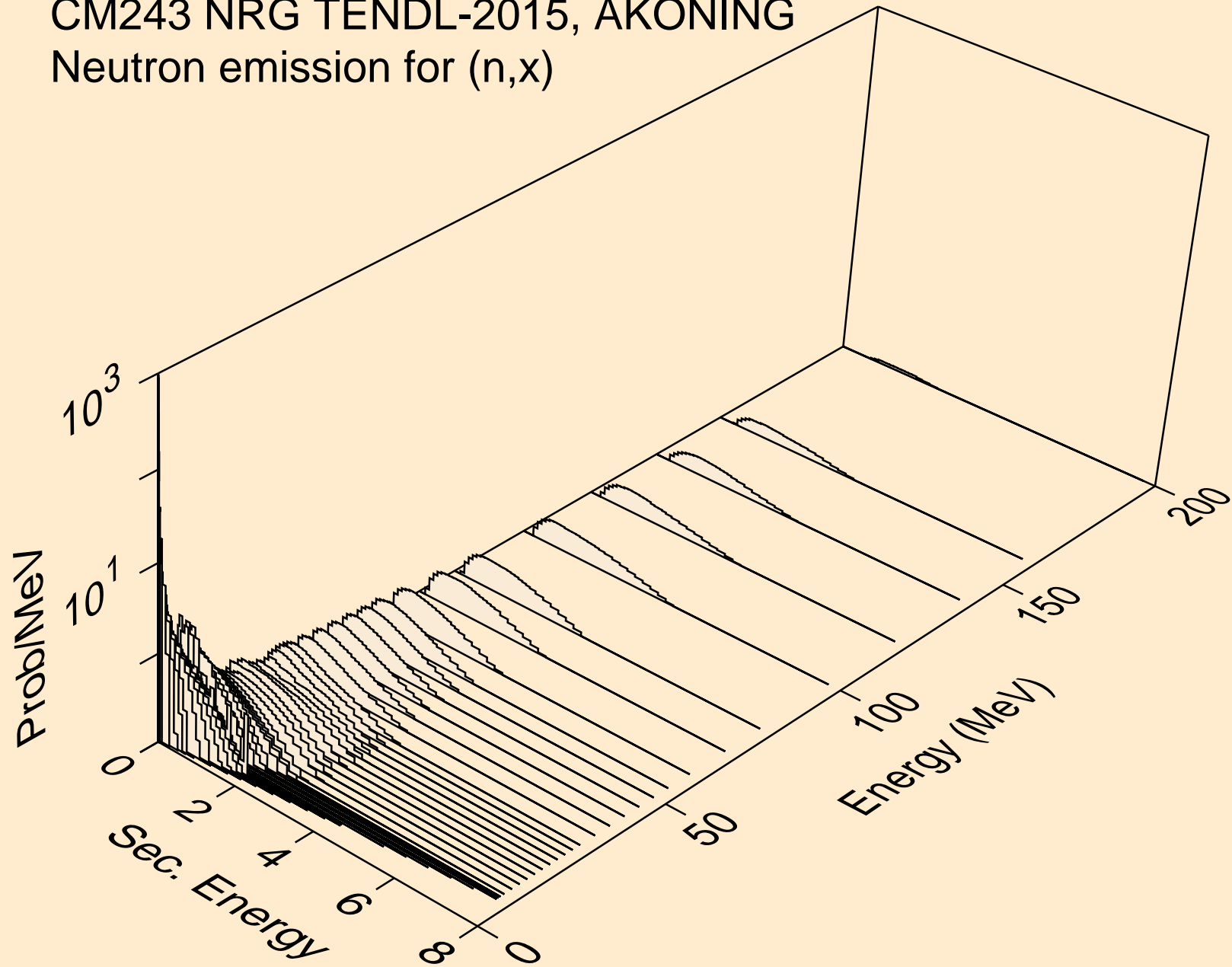


# CM243 NRG TENDL-2015, AKONING

Total fission nubar

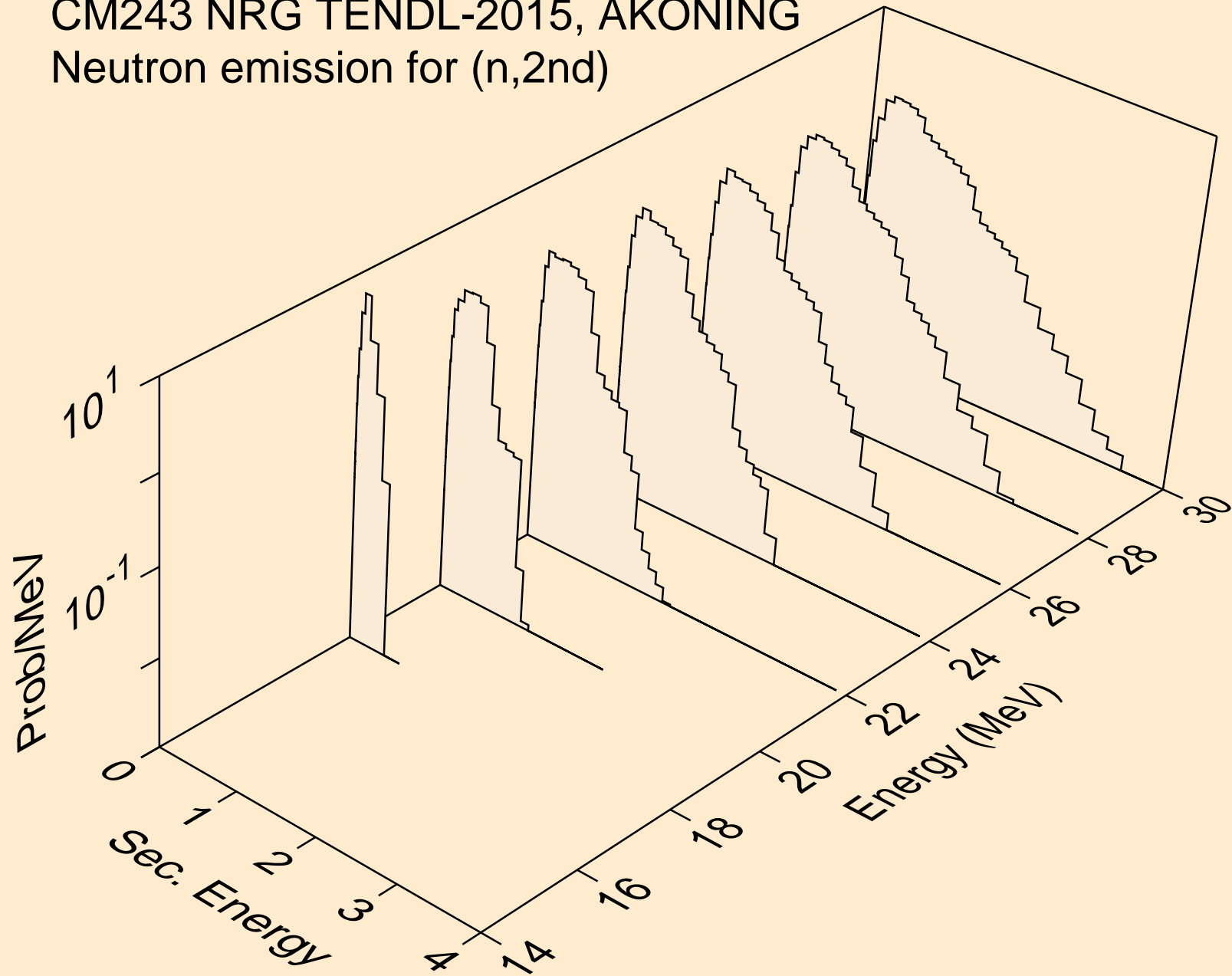


CM243 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

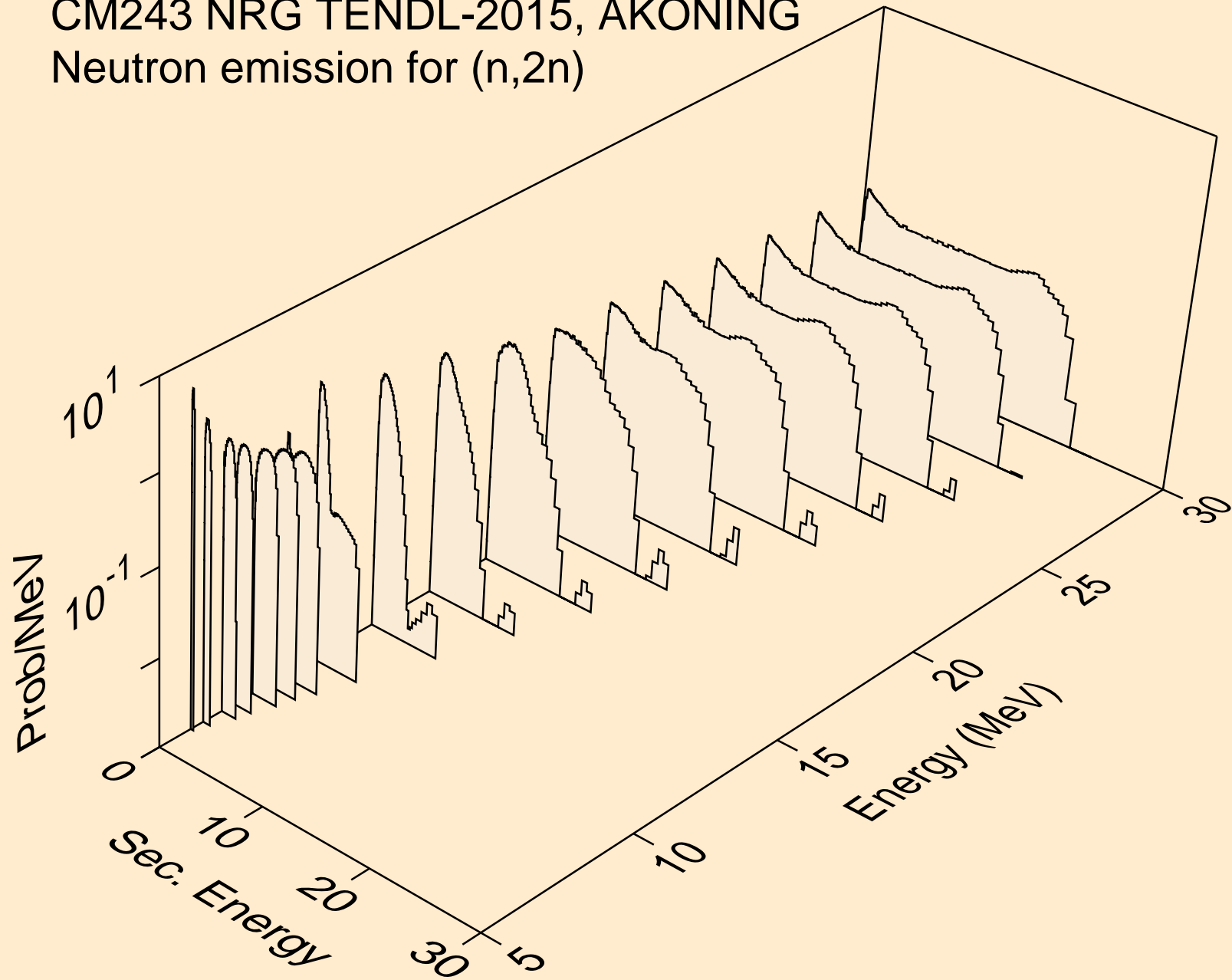




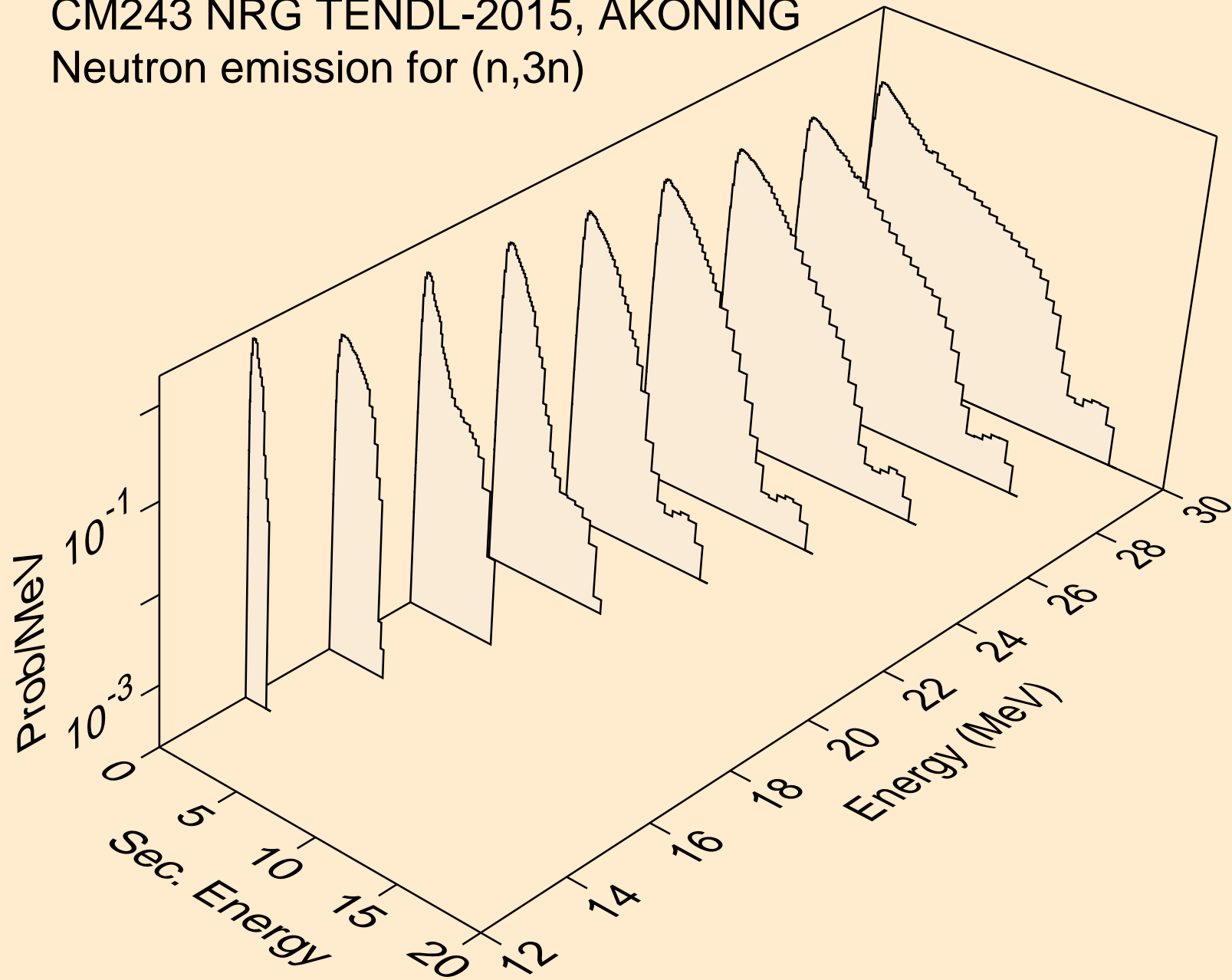
CM243 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



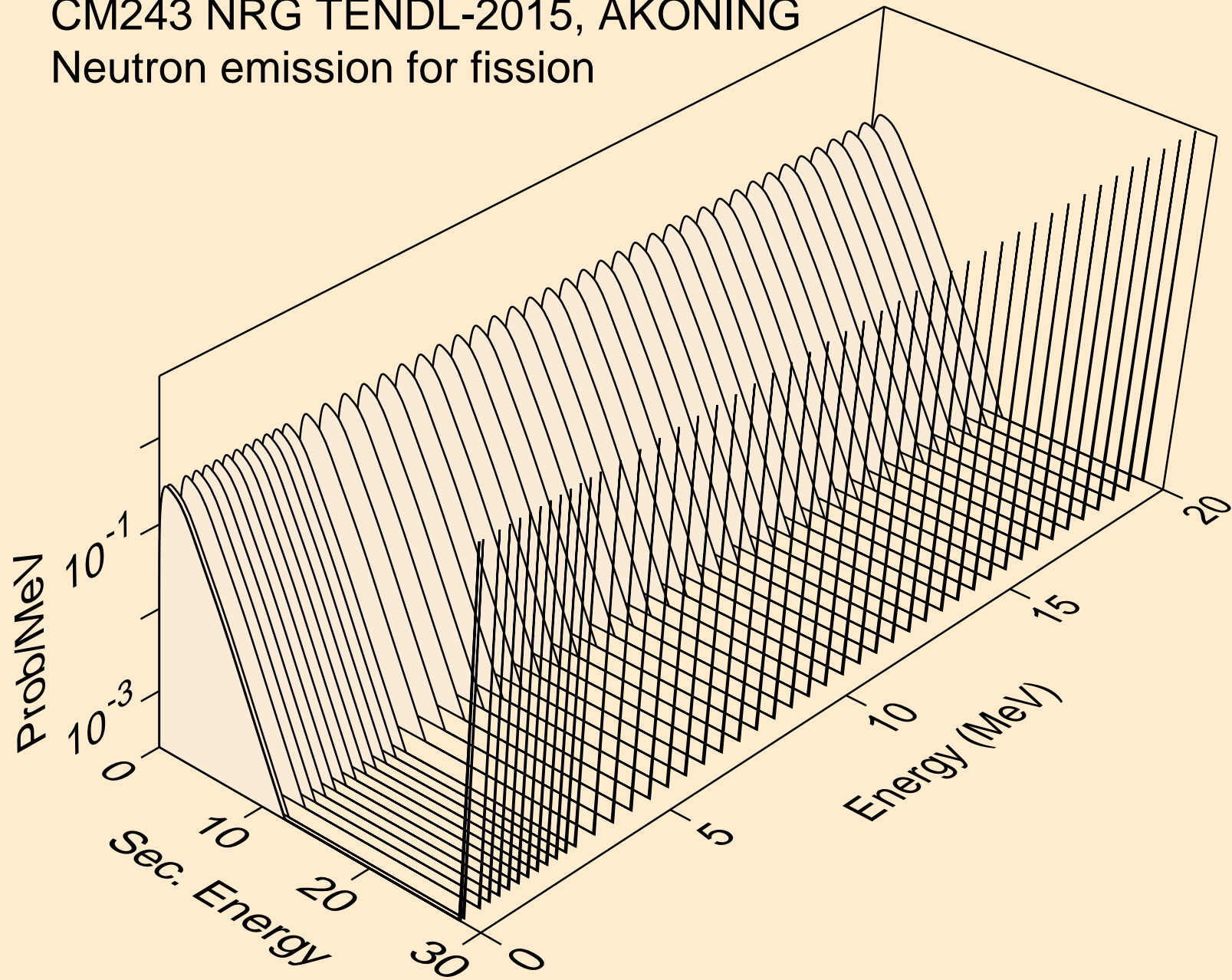
CM243 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



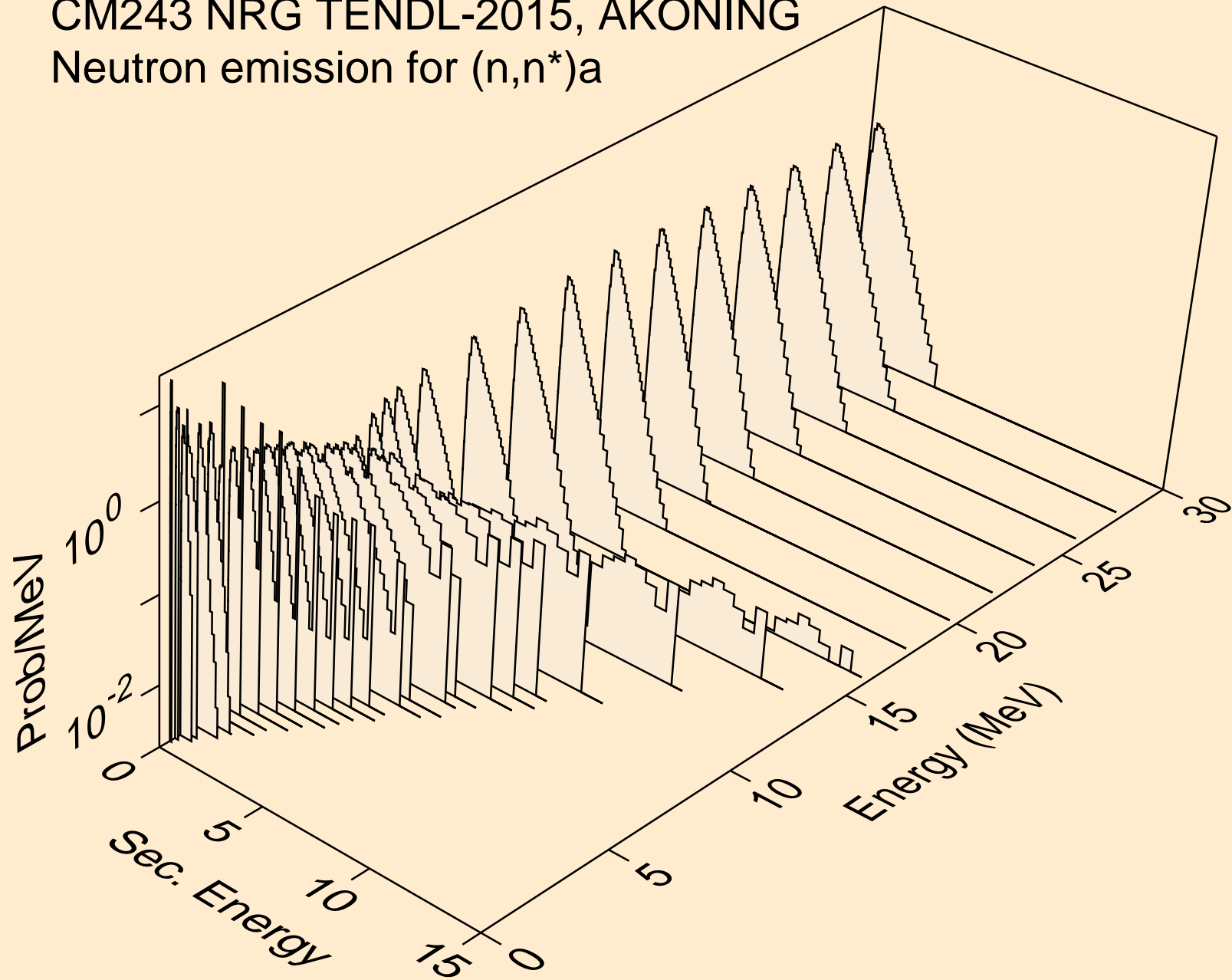
CM243 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



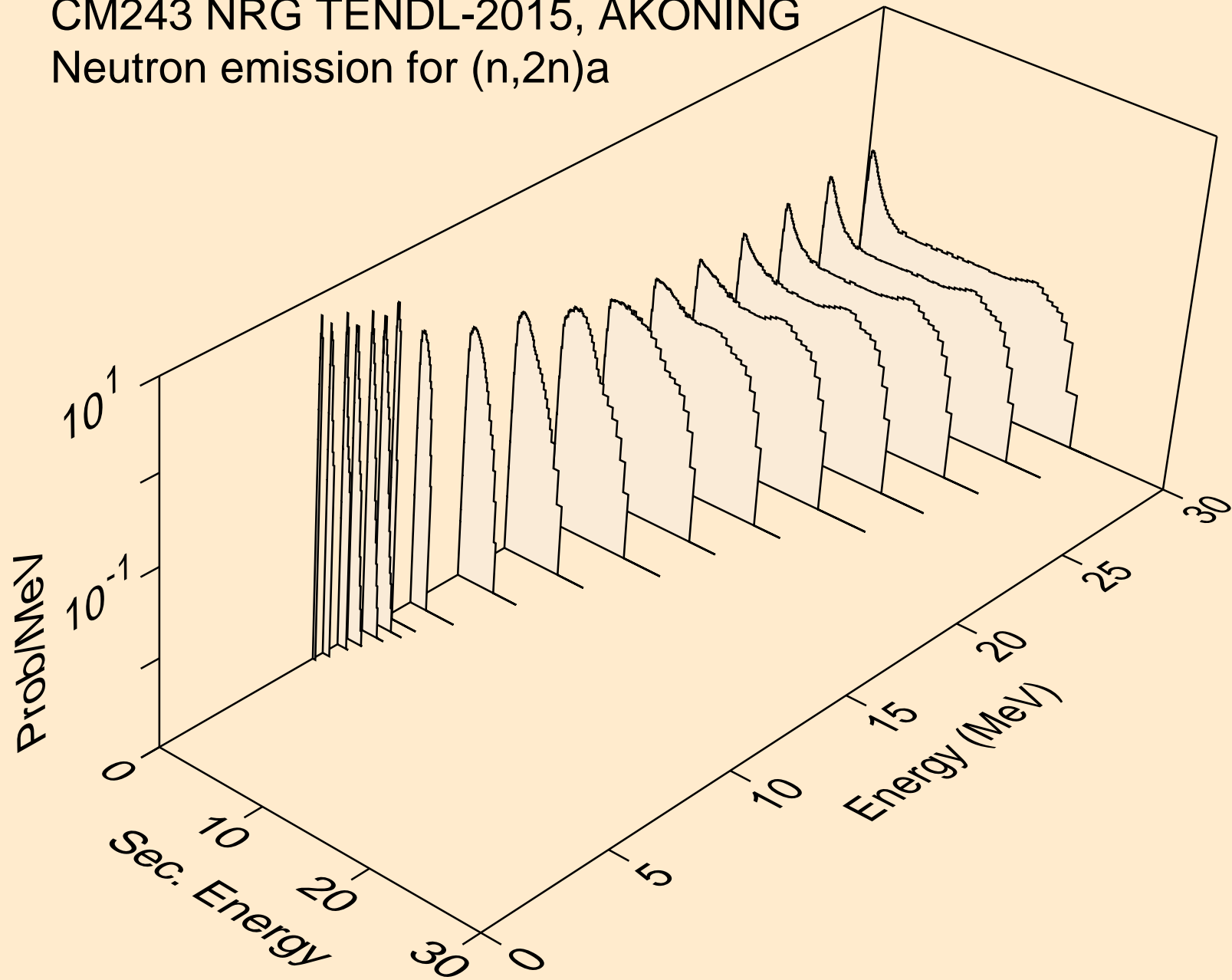
CM243 NRG TENDL-2015, AKONING  
Neutron emission for fission



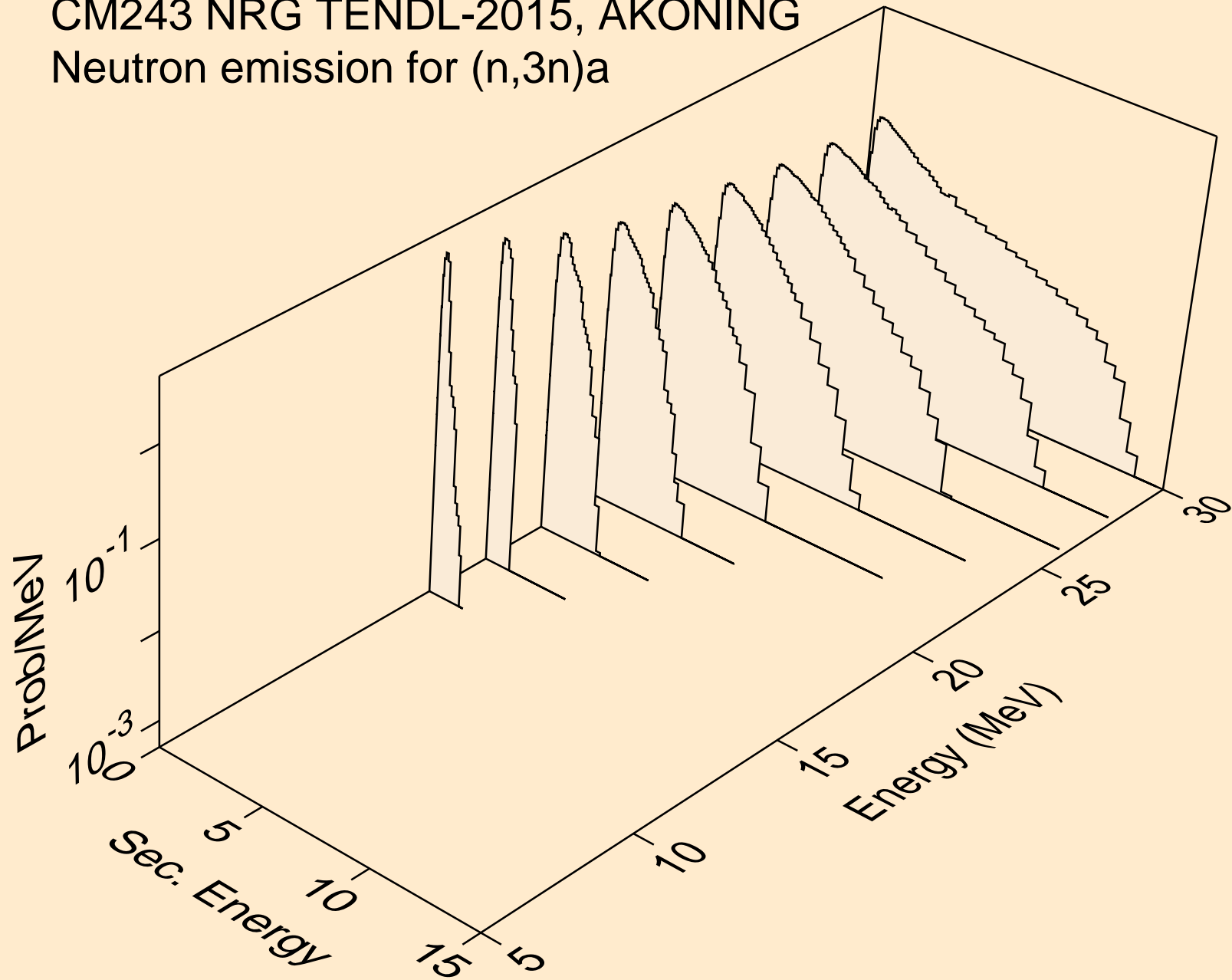
CM243 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



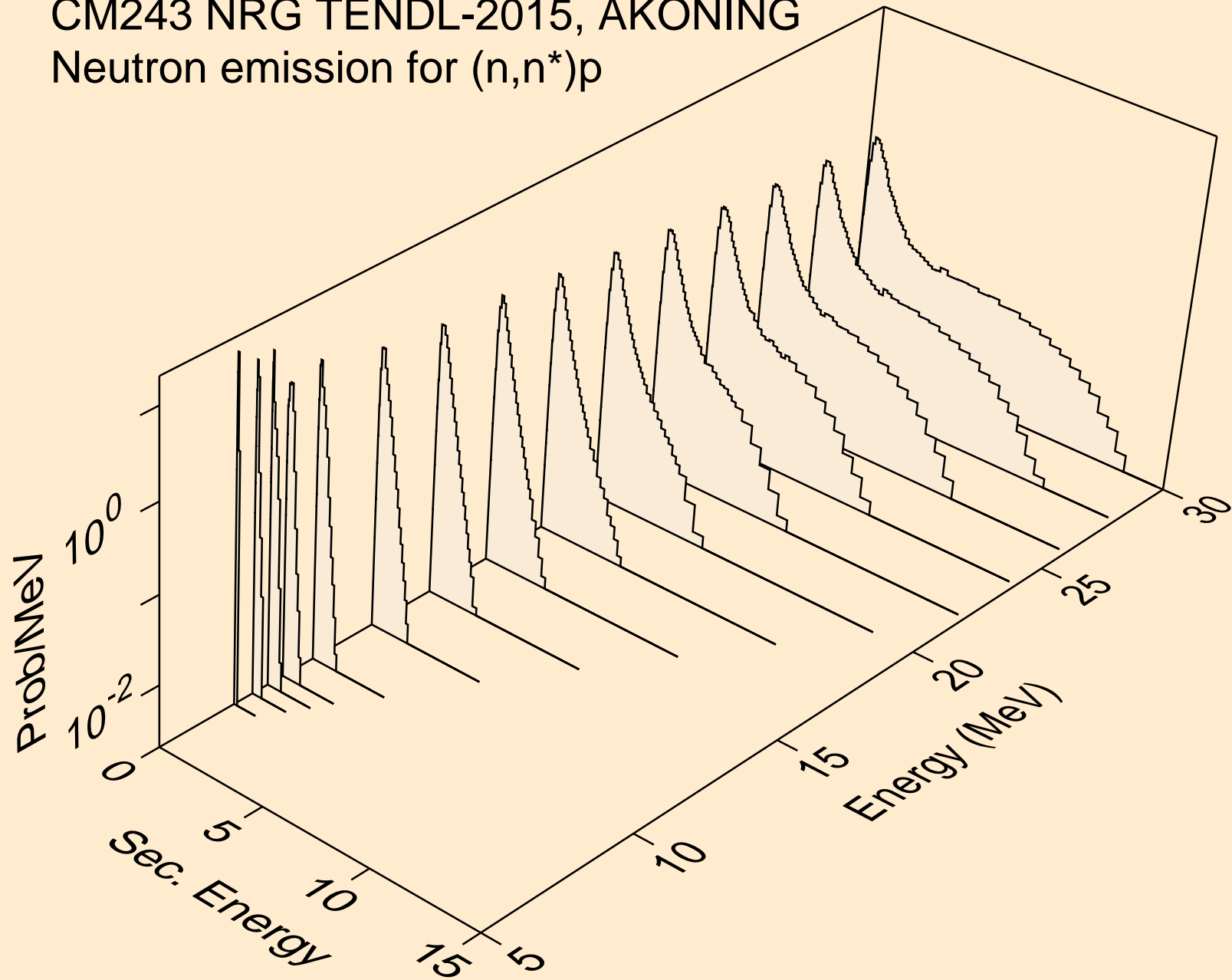
CM243 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



CM243 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)<sub>a</sub>

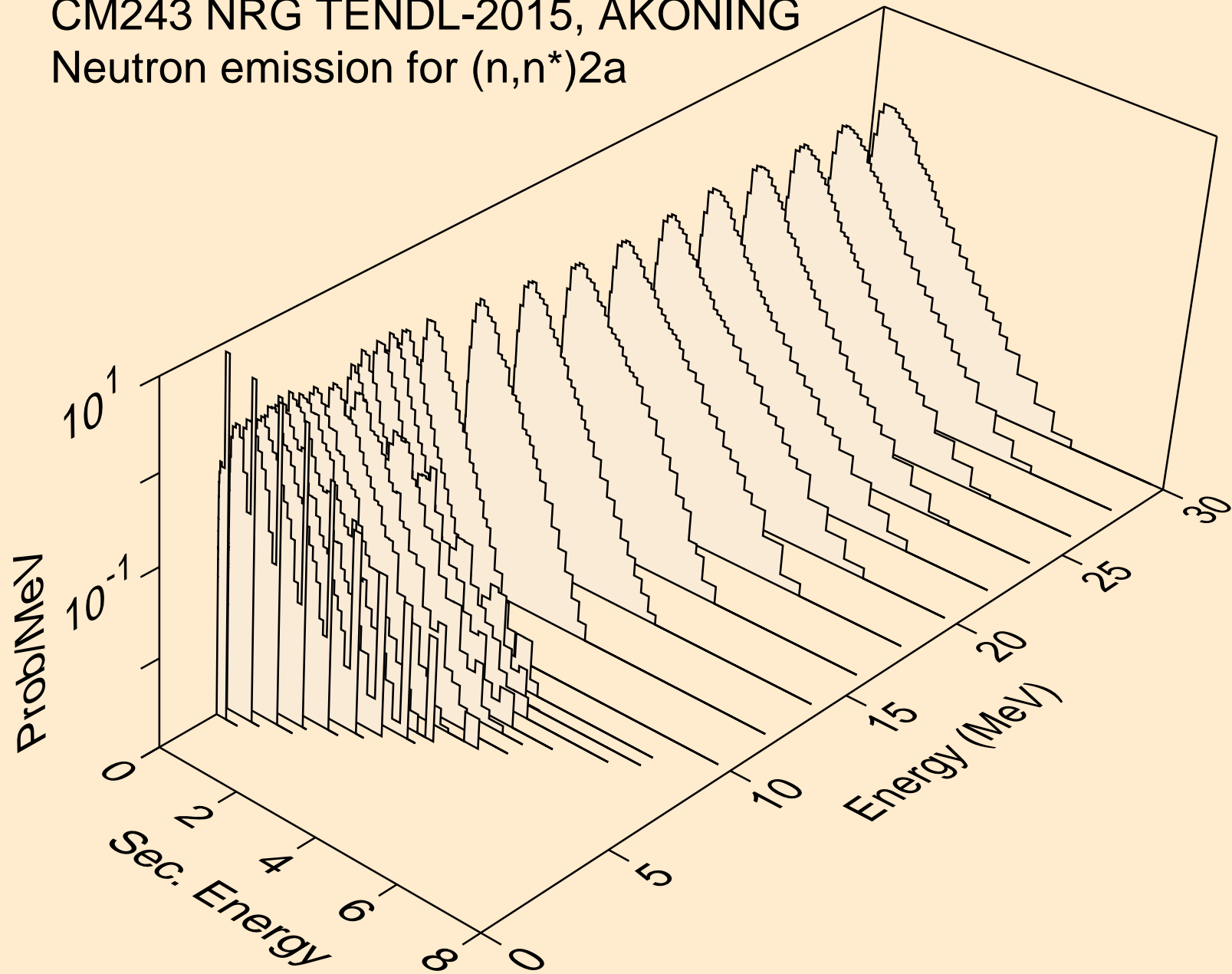


CM243 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

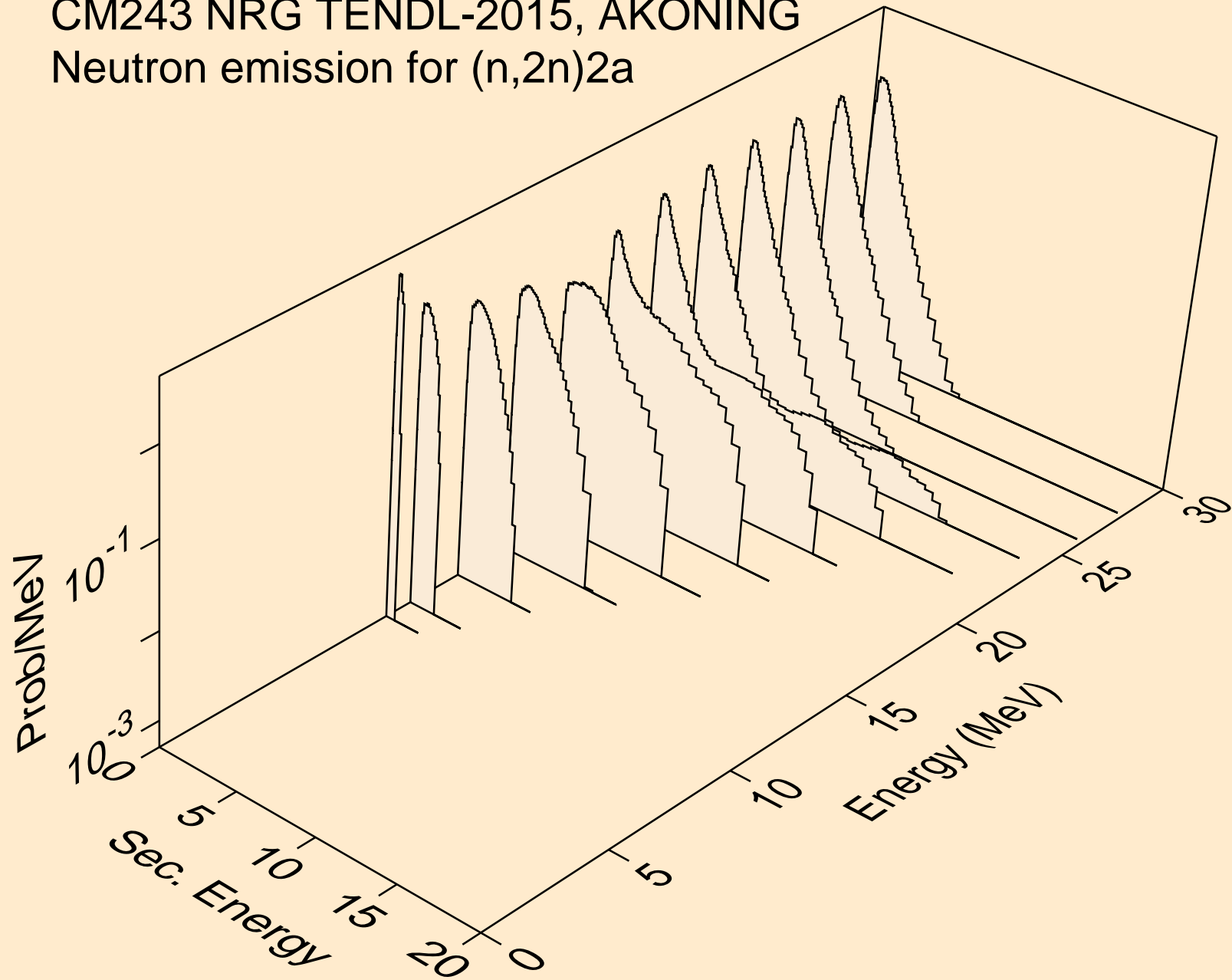




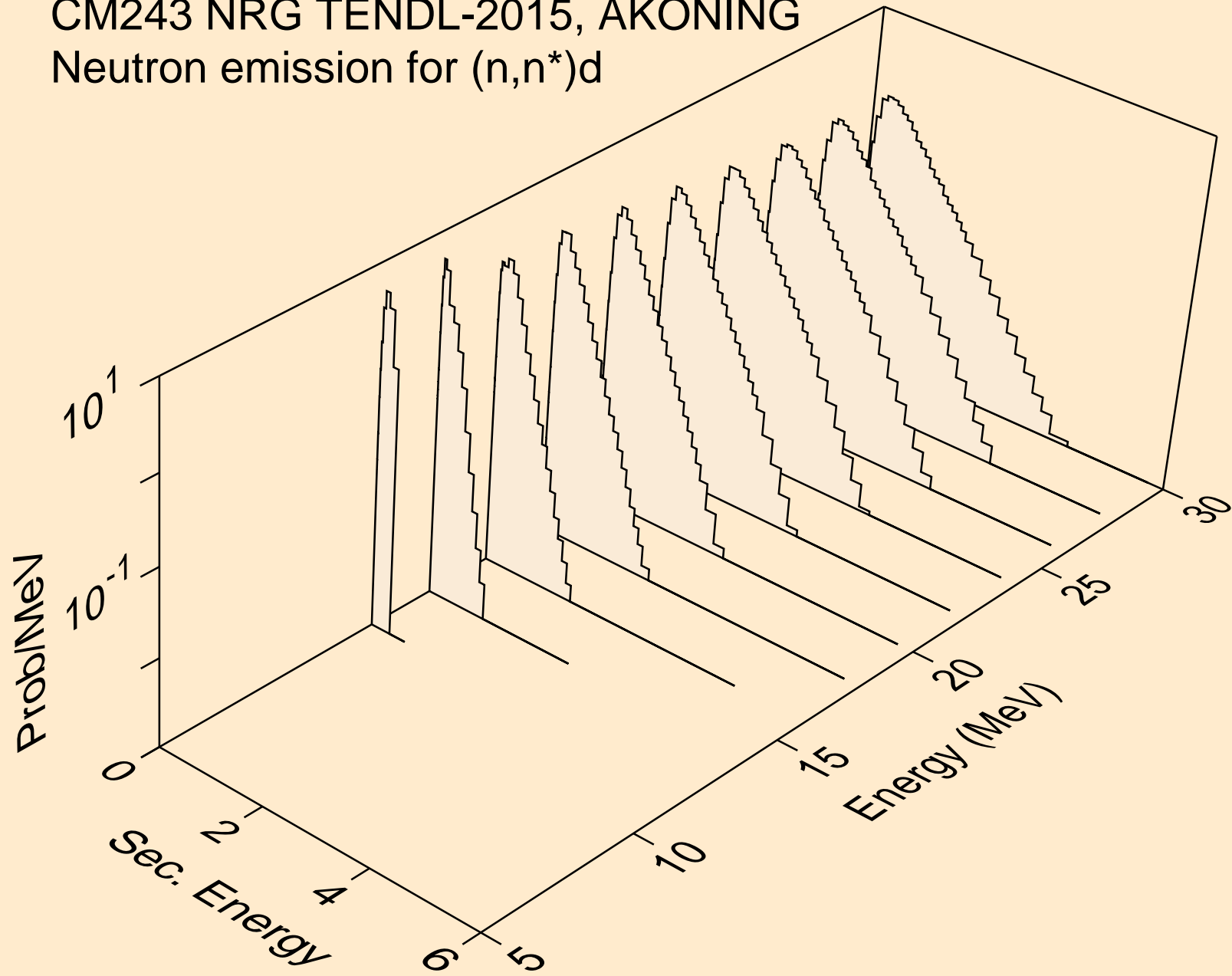
CM243 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



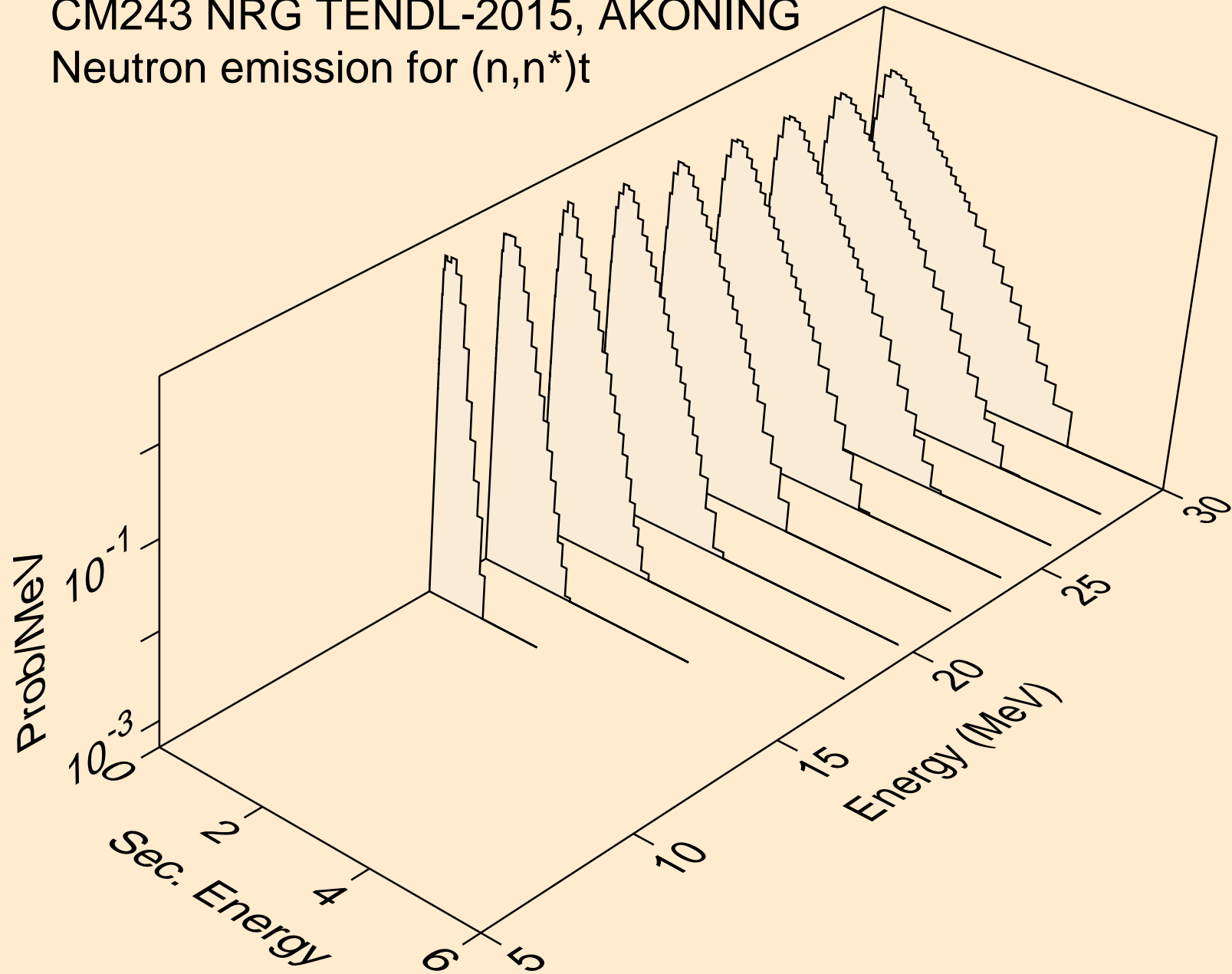
CM243 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



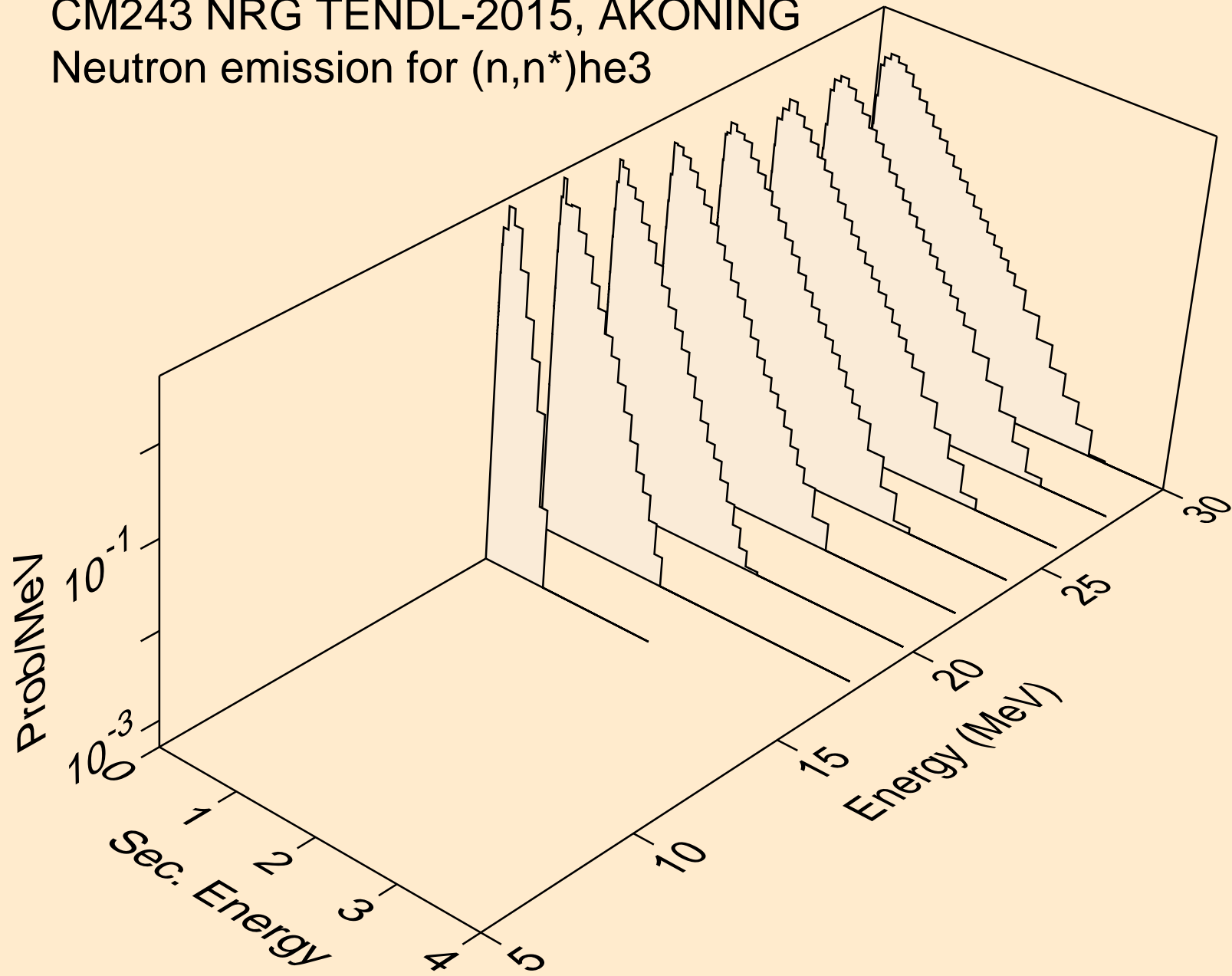
CM243 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



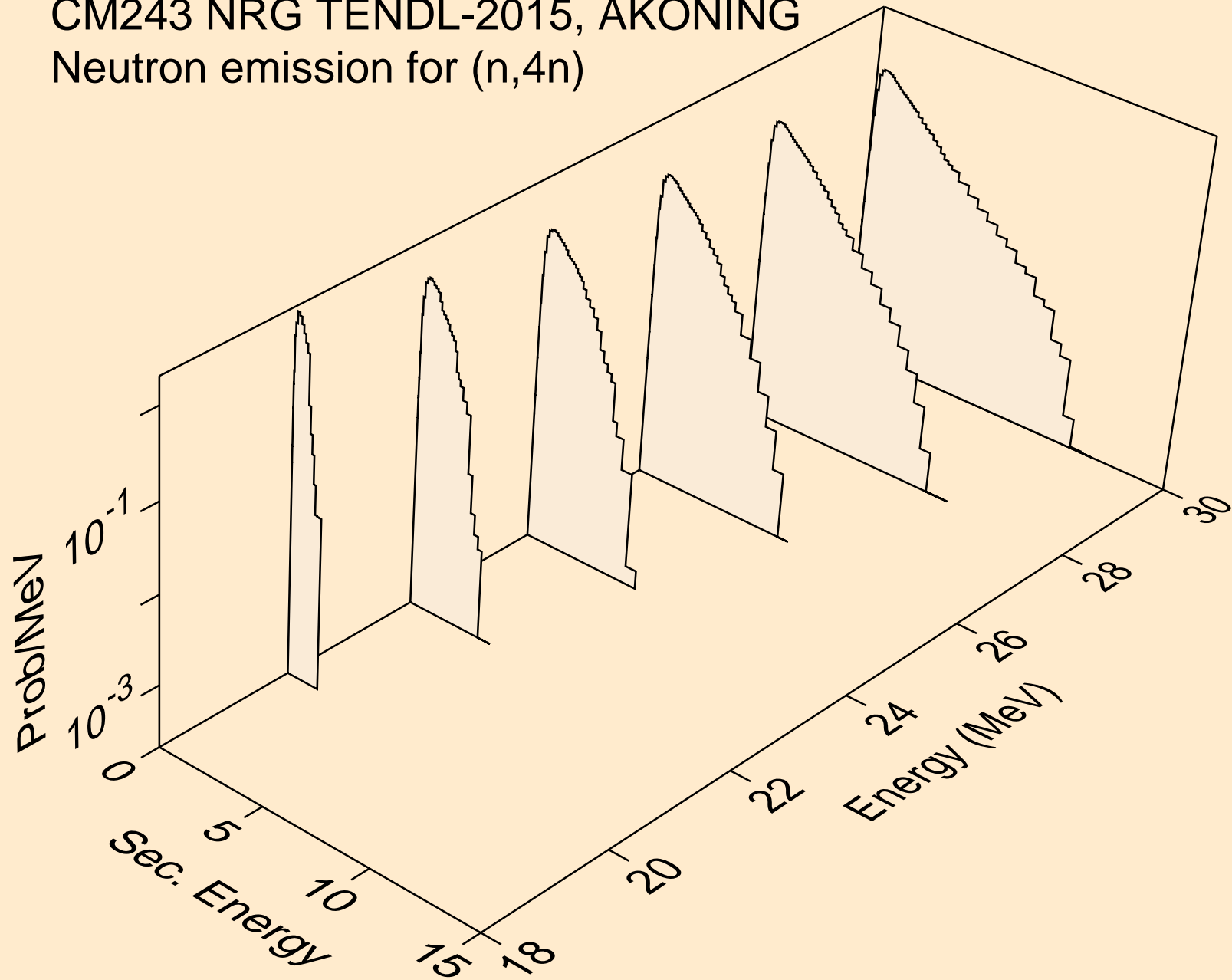
CM243 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



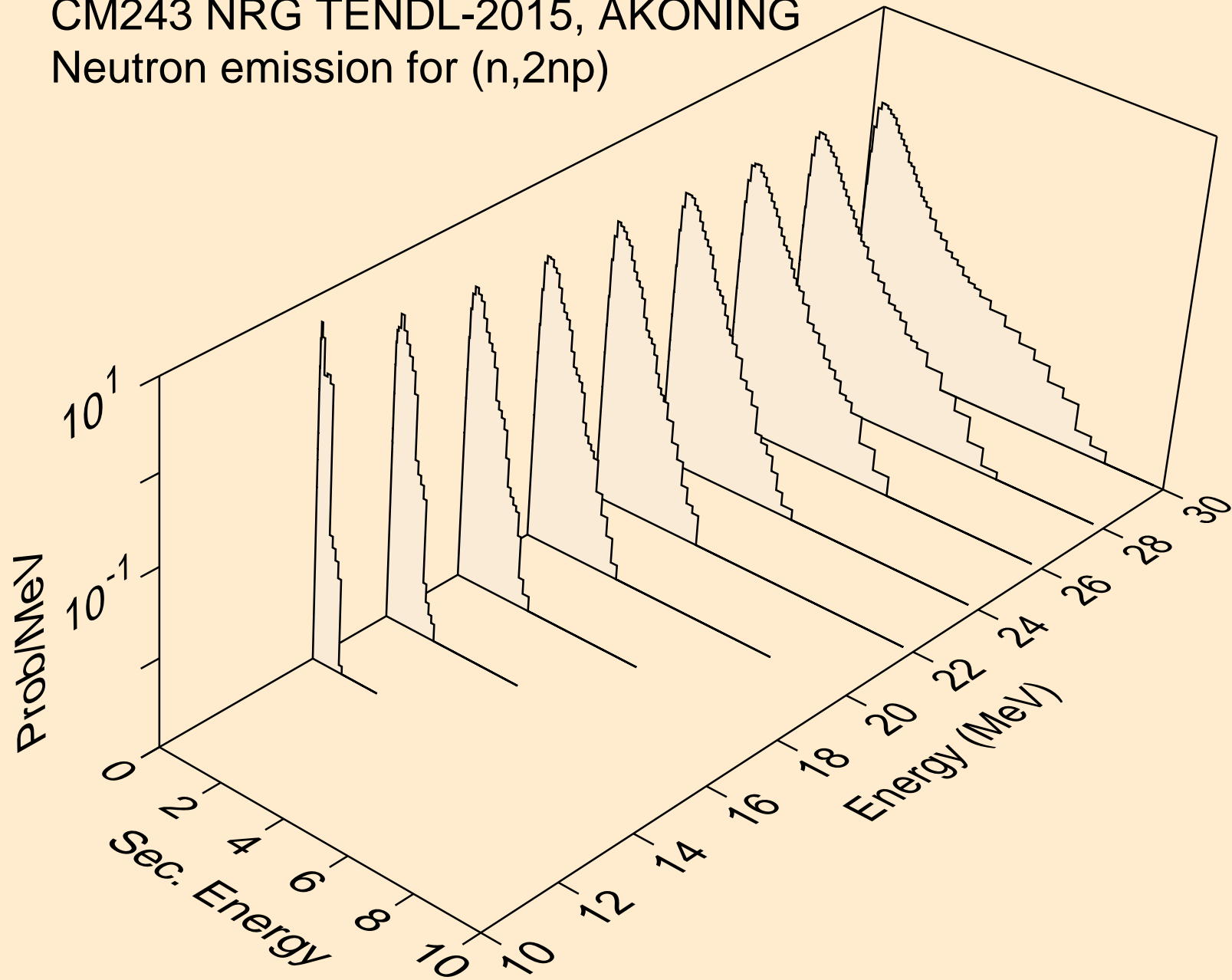
CM243 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



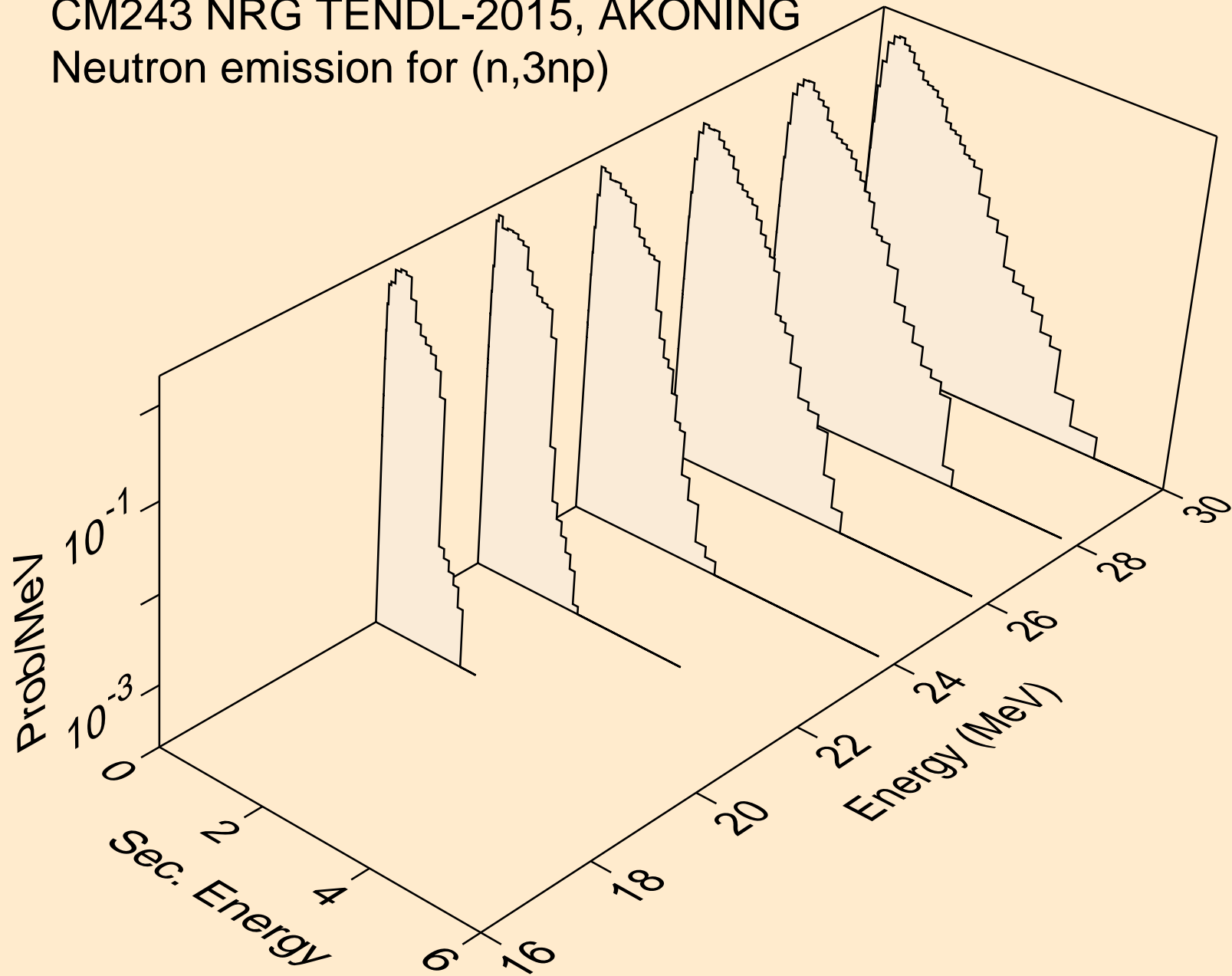
CM243 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



CM243 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

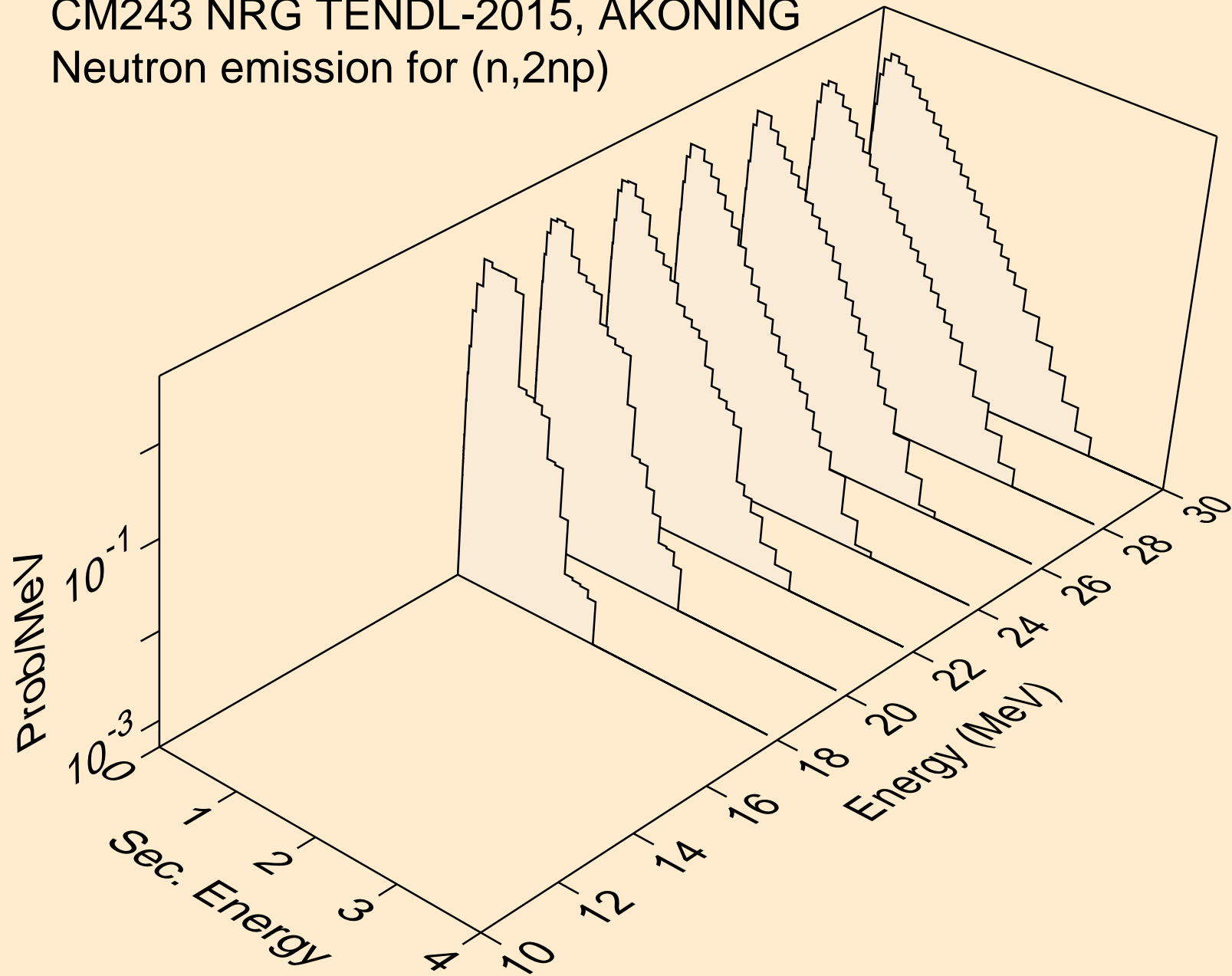


CM243 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

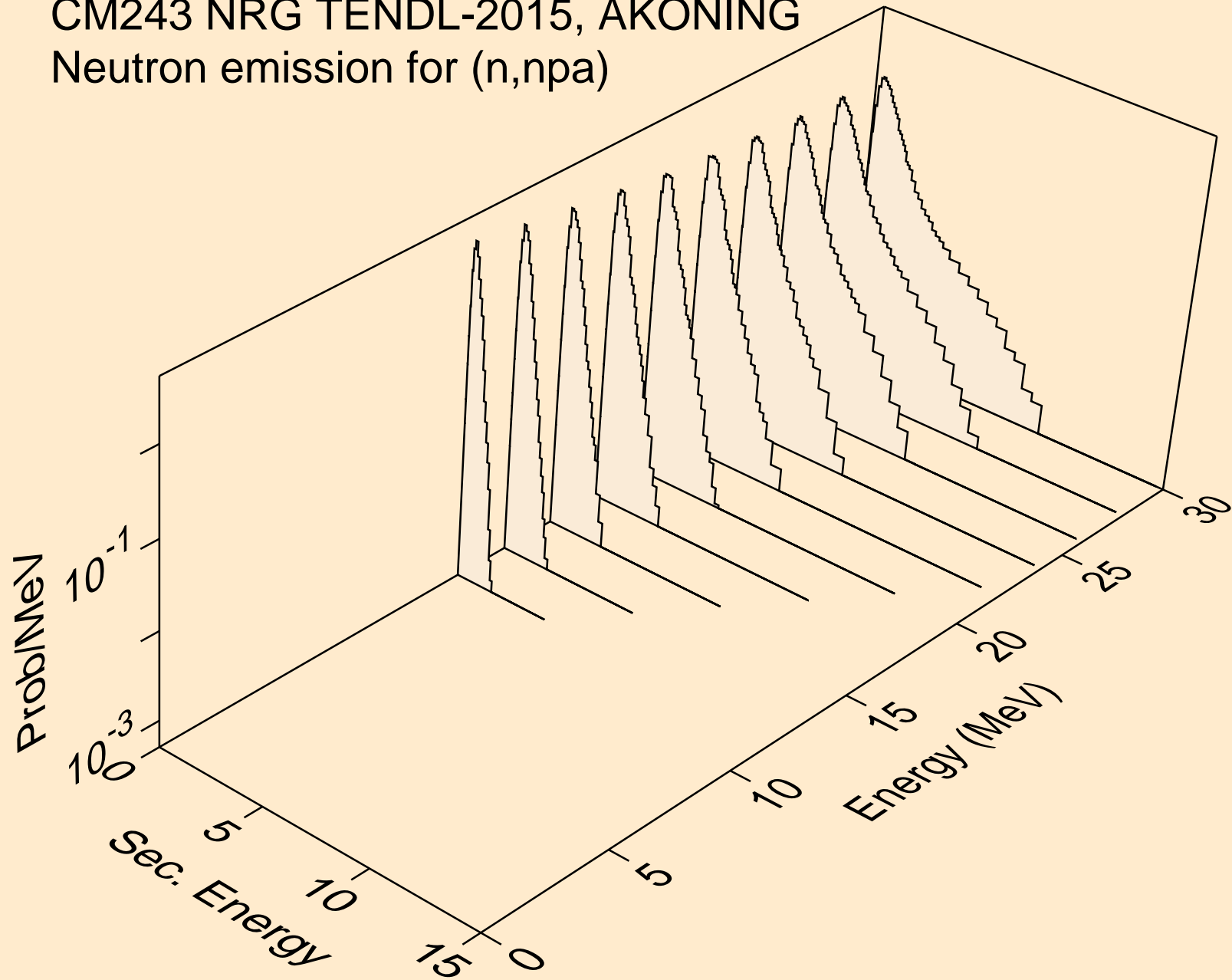




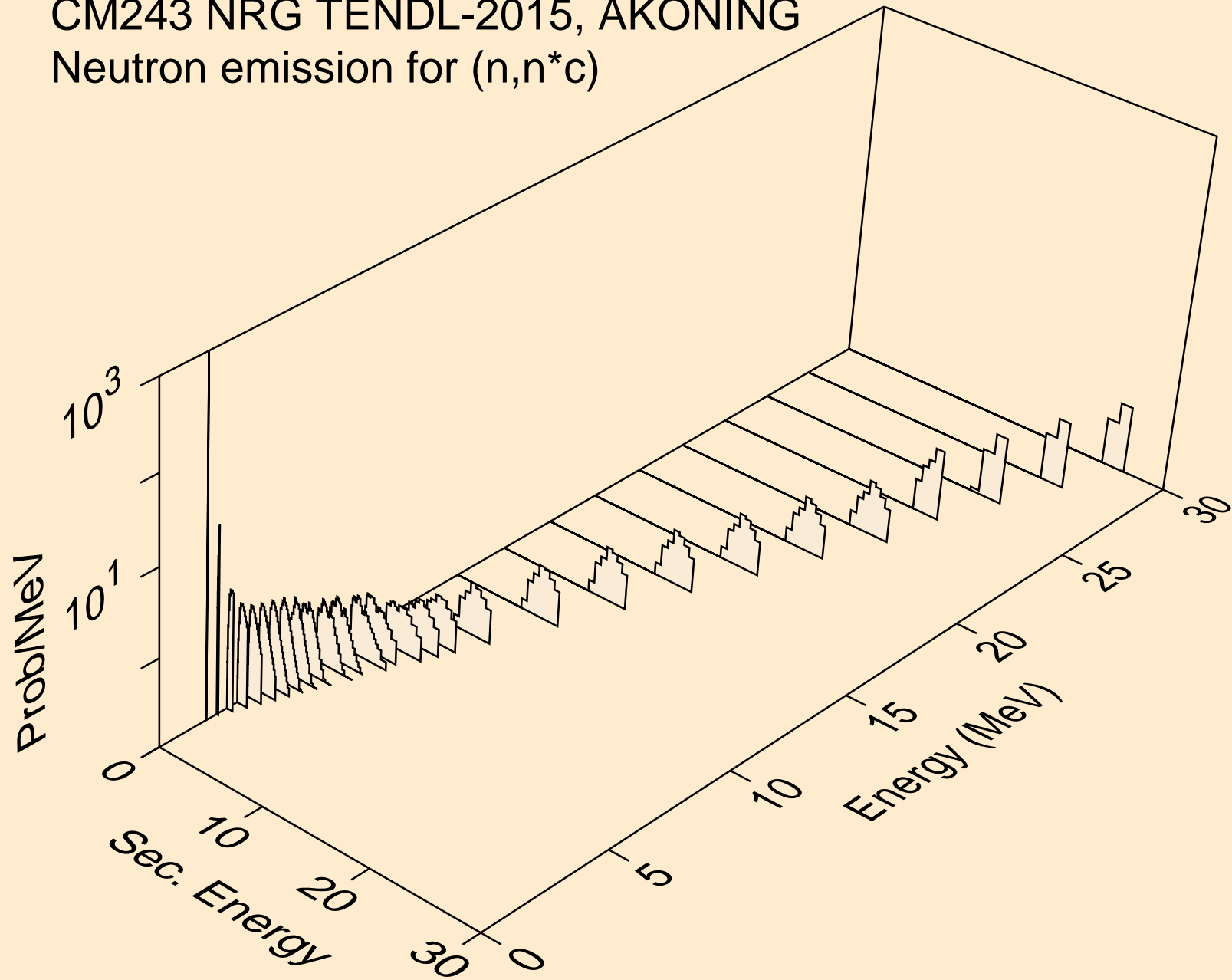
CM243 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



CM243 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

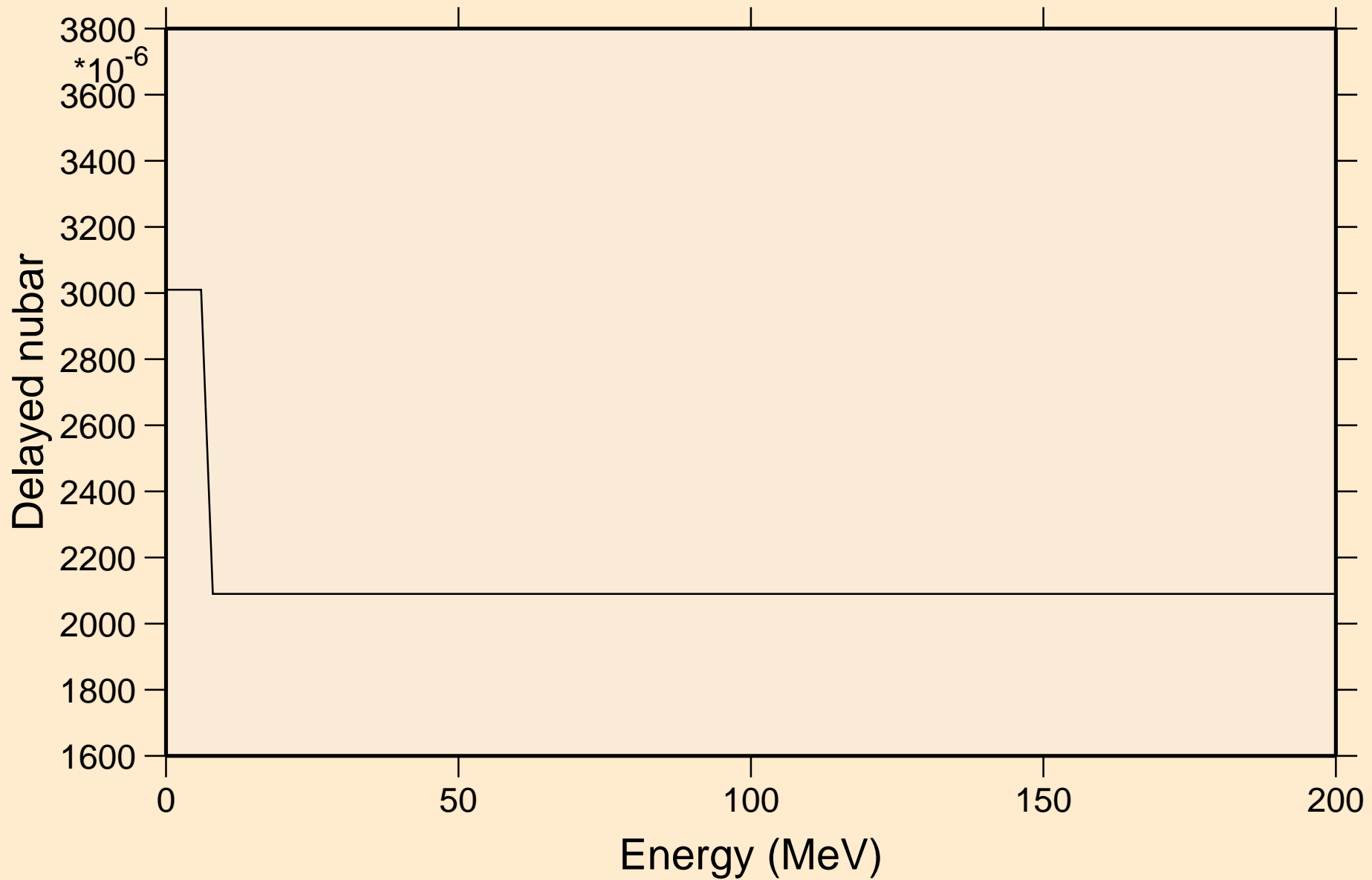


CM243 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



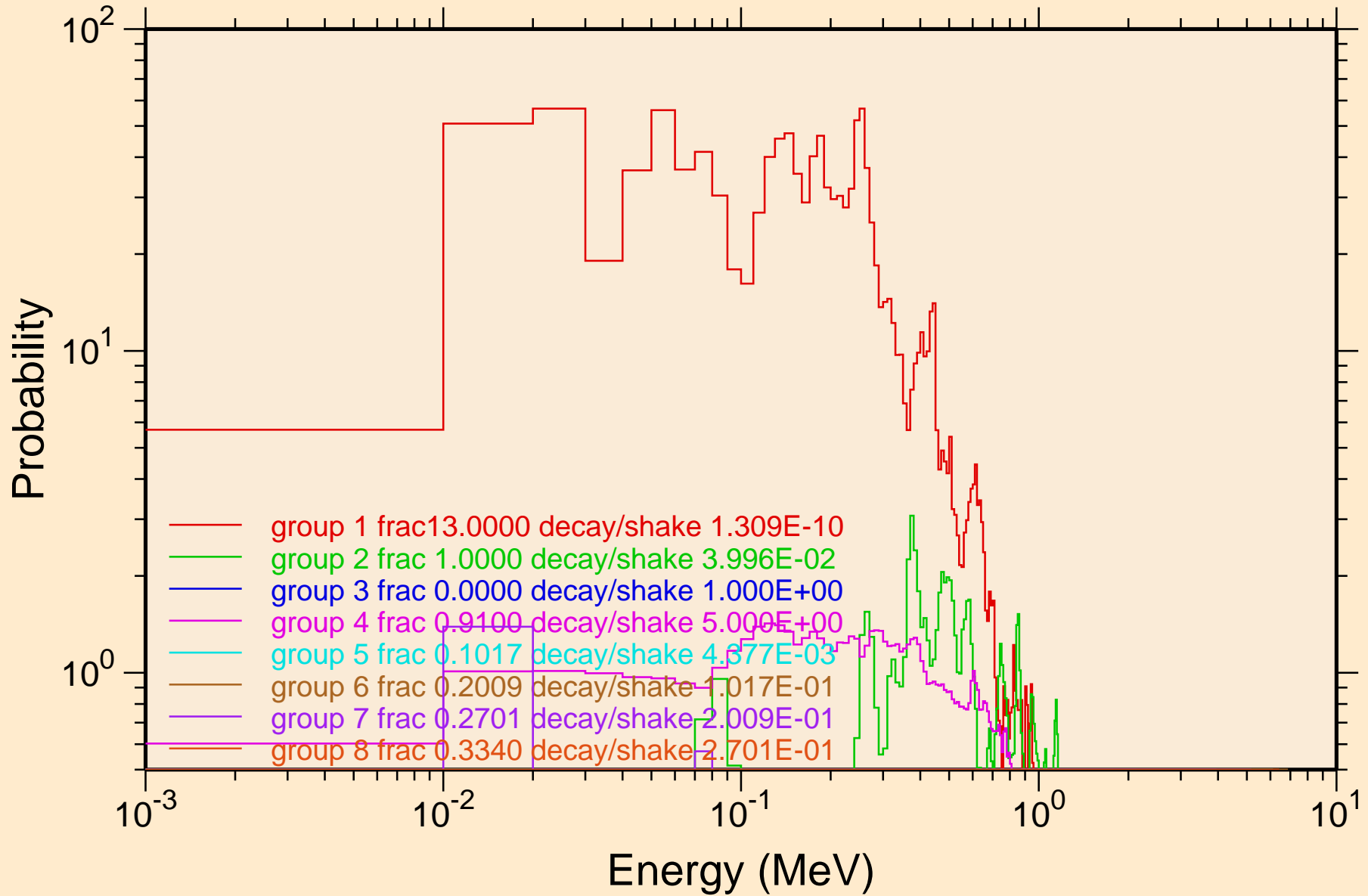
# CM243 NRG TENDL-2015, AKONING

## Delayed nubar

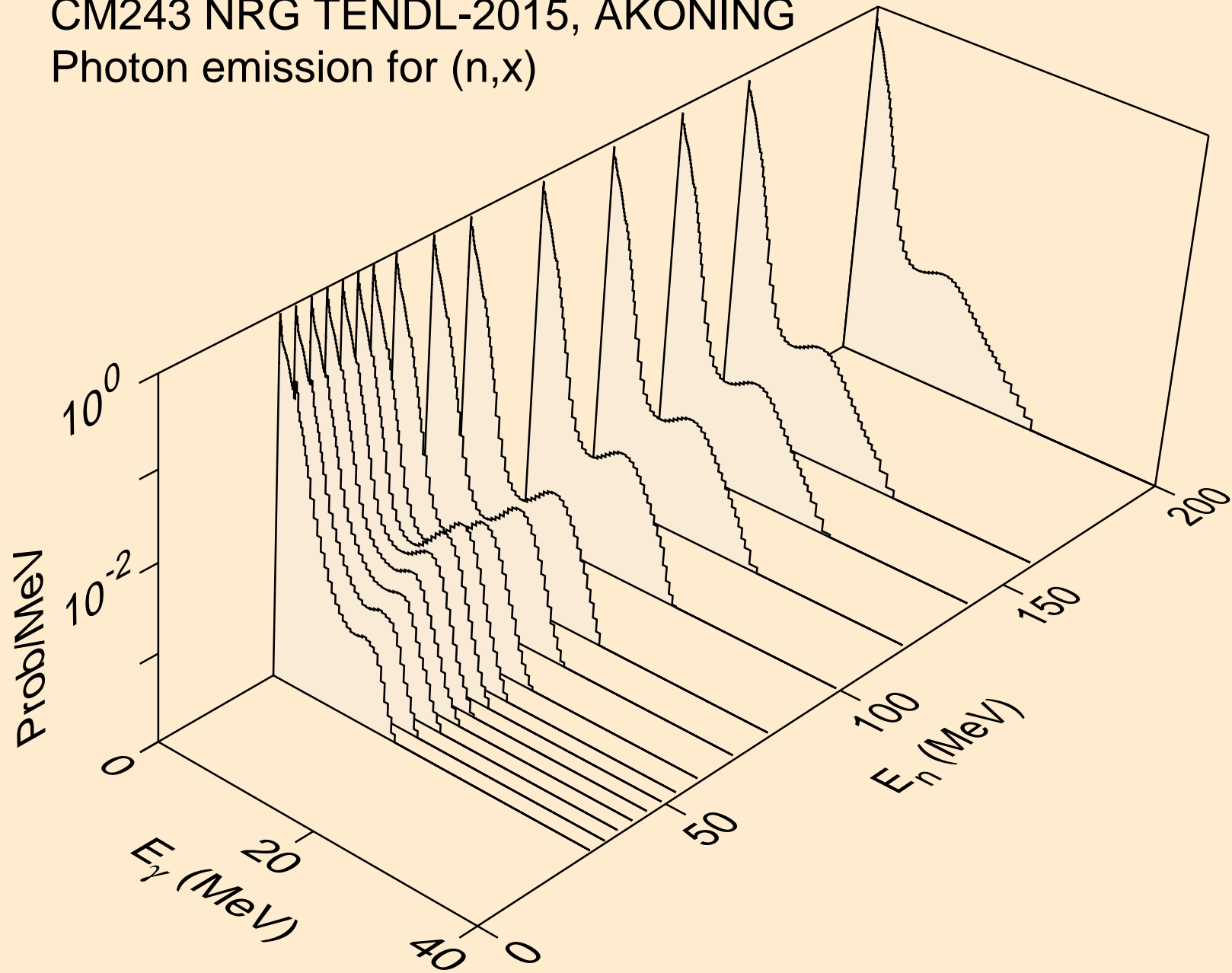


# CM243 NRG TENDL-2015, AKONING

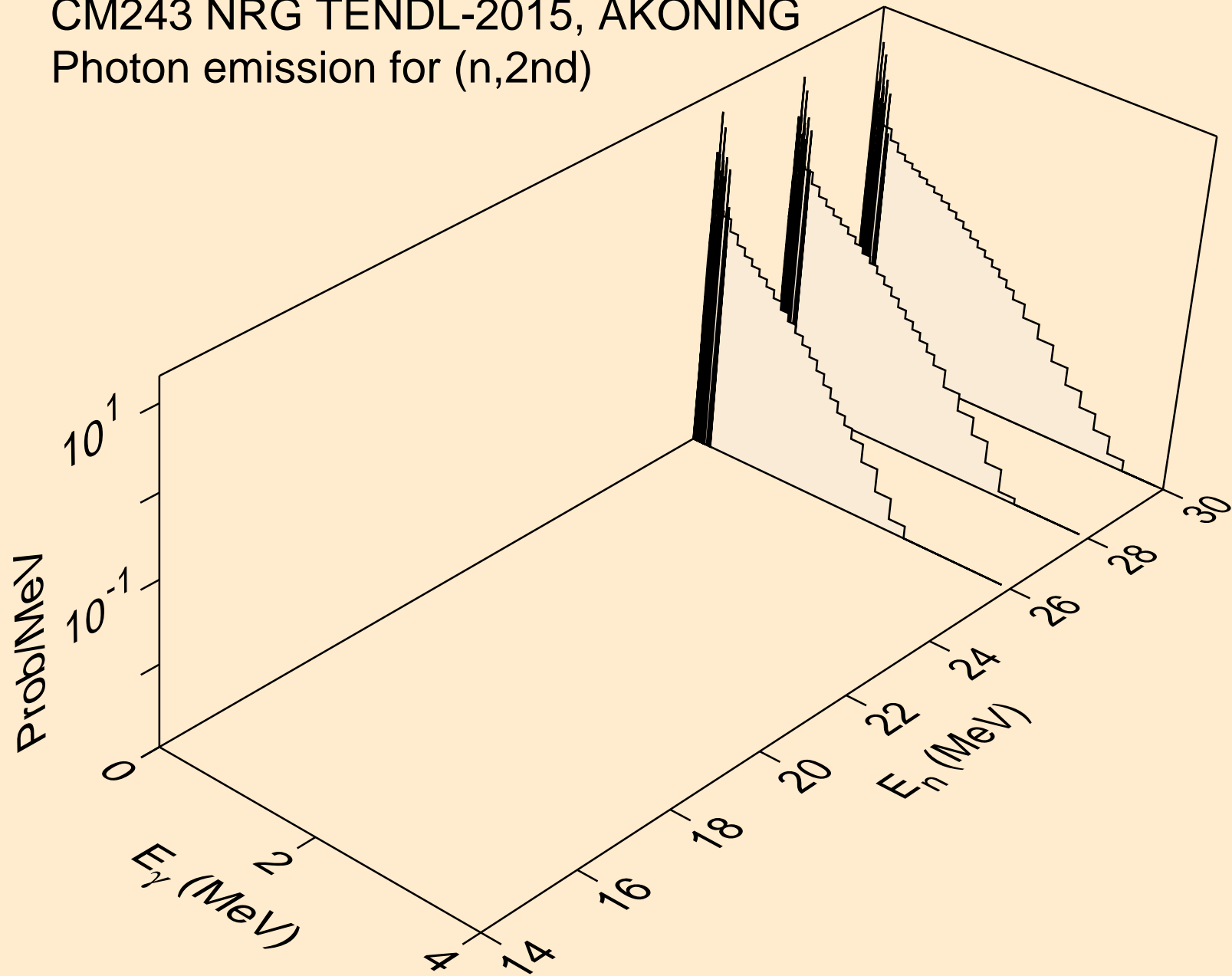
## Delayed neutron spectra



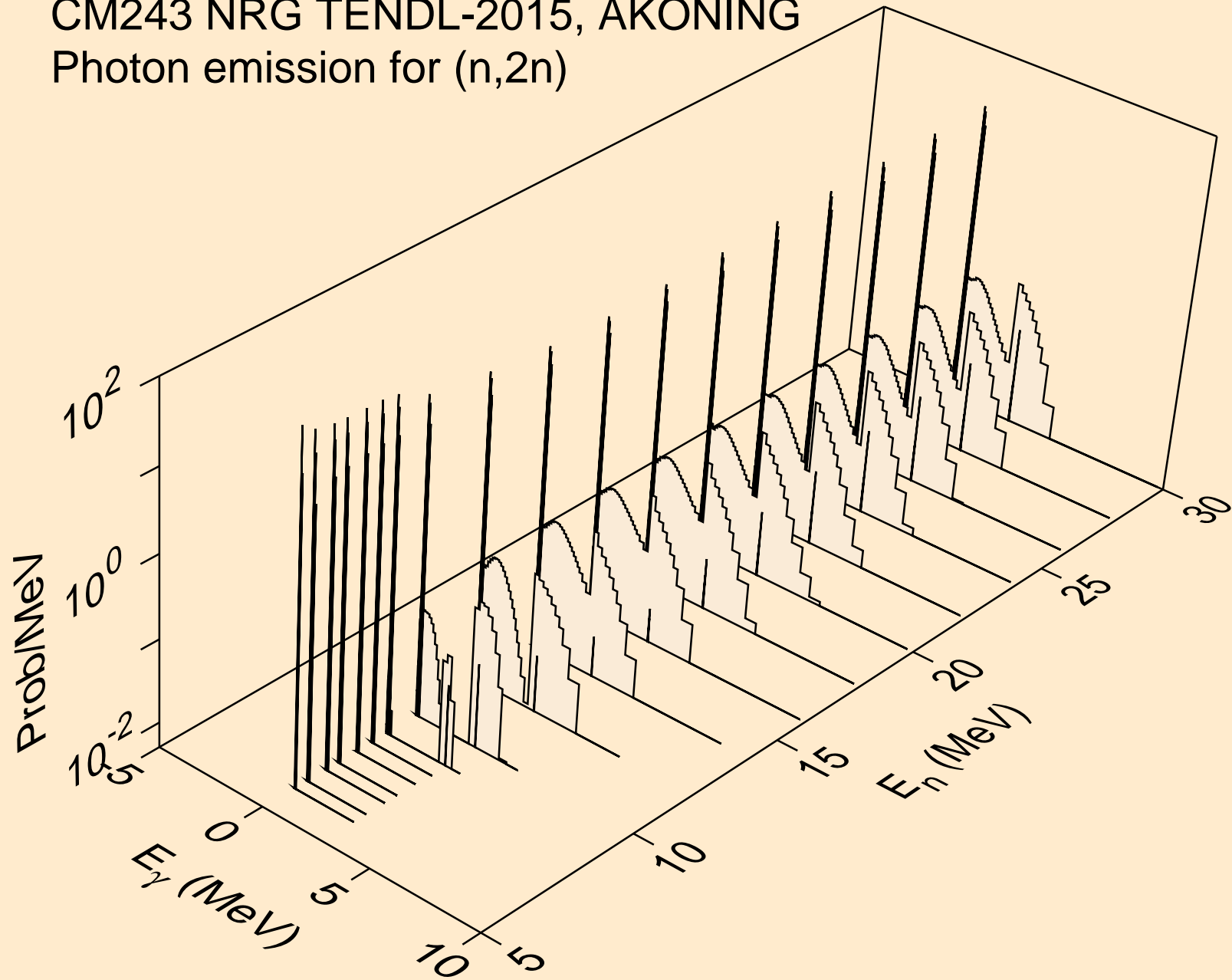
CM243 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



CM243 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)

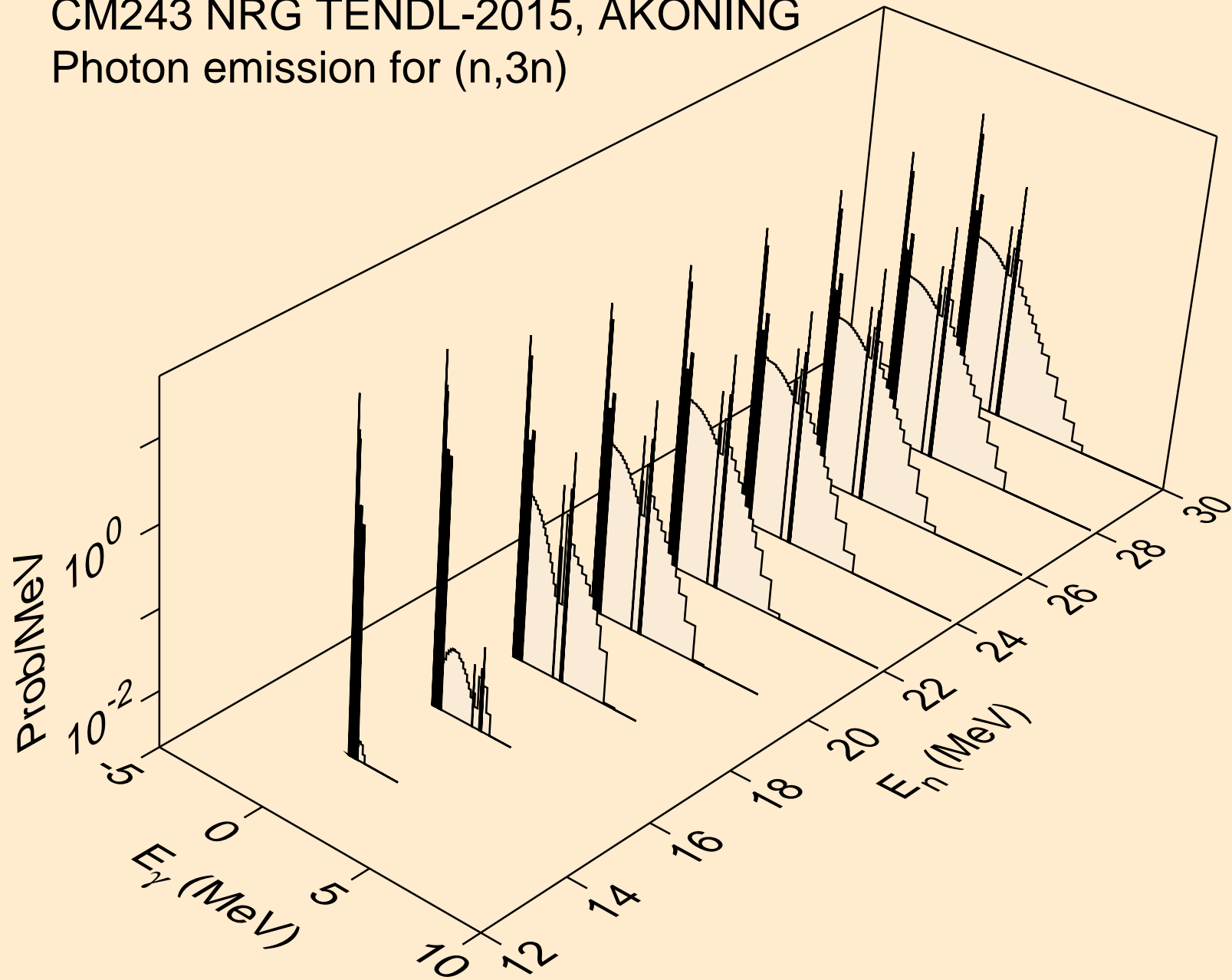


CM243 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)

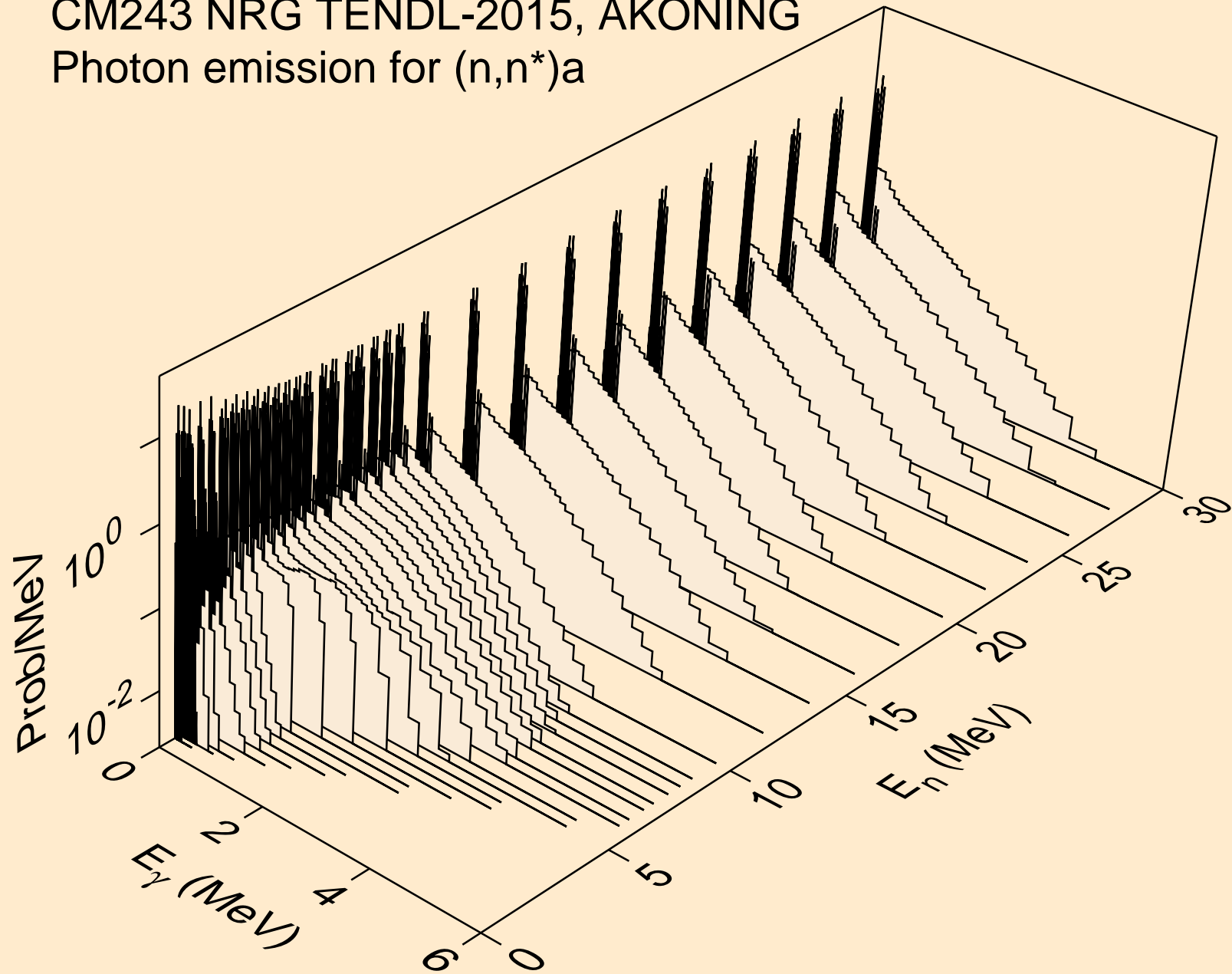




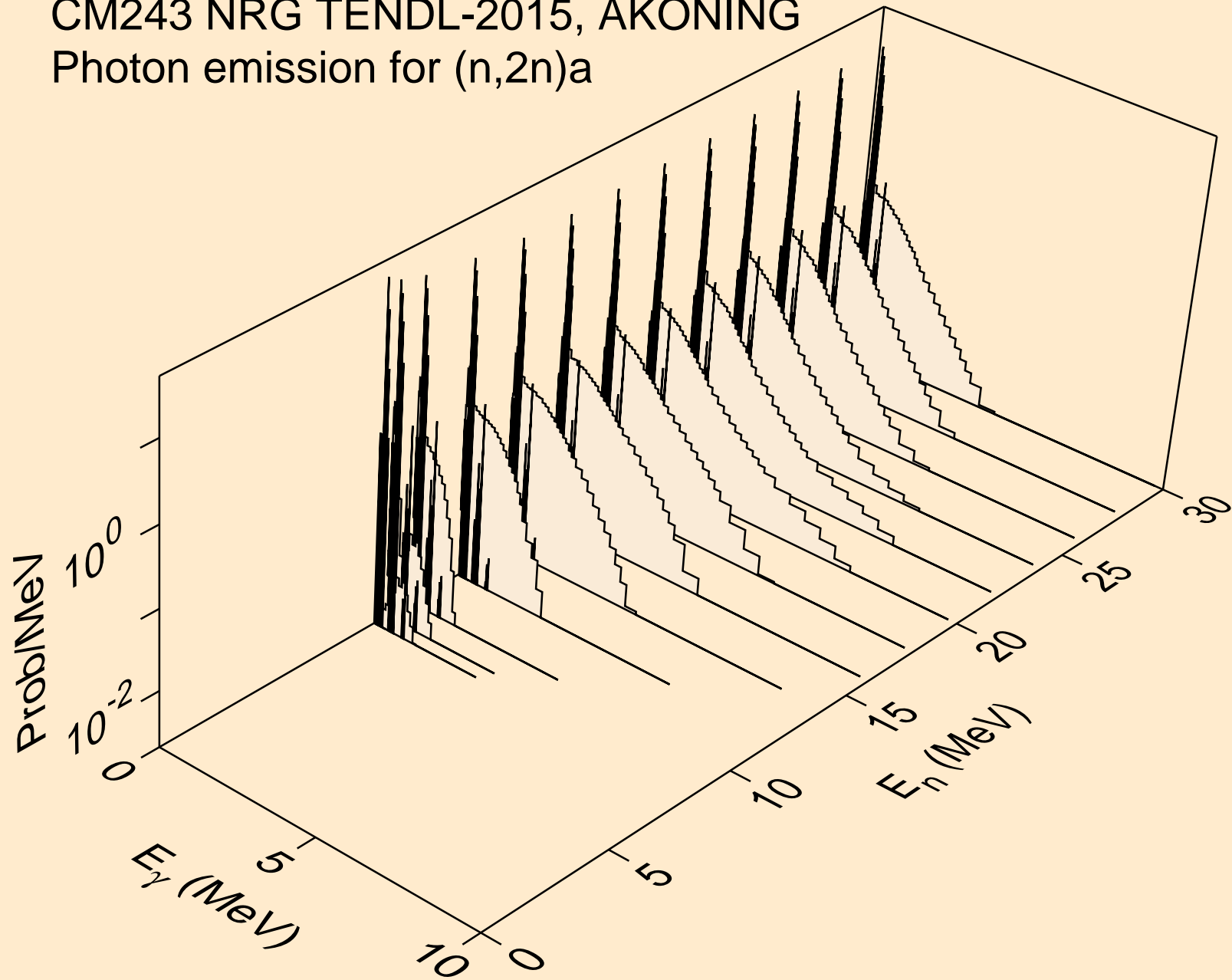
CM243 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



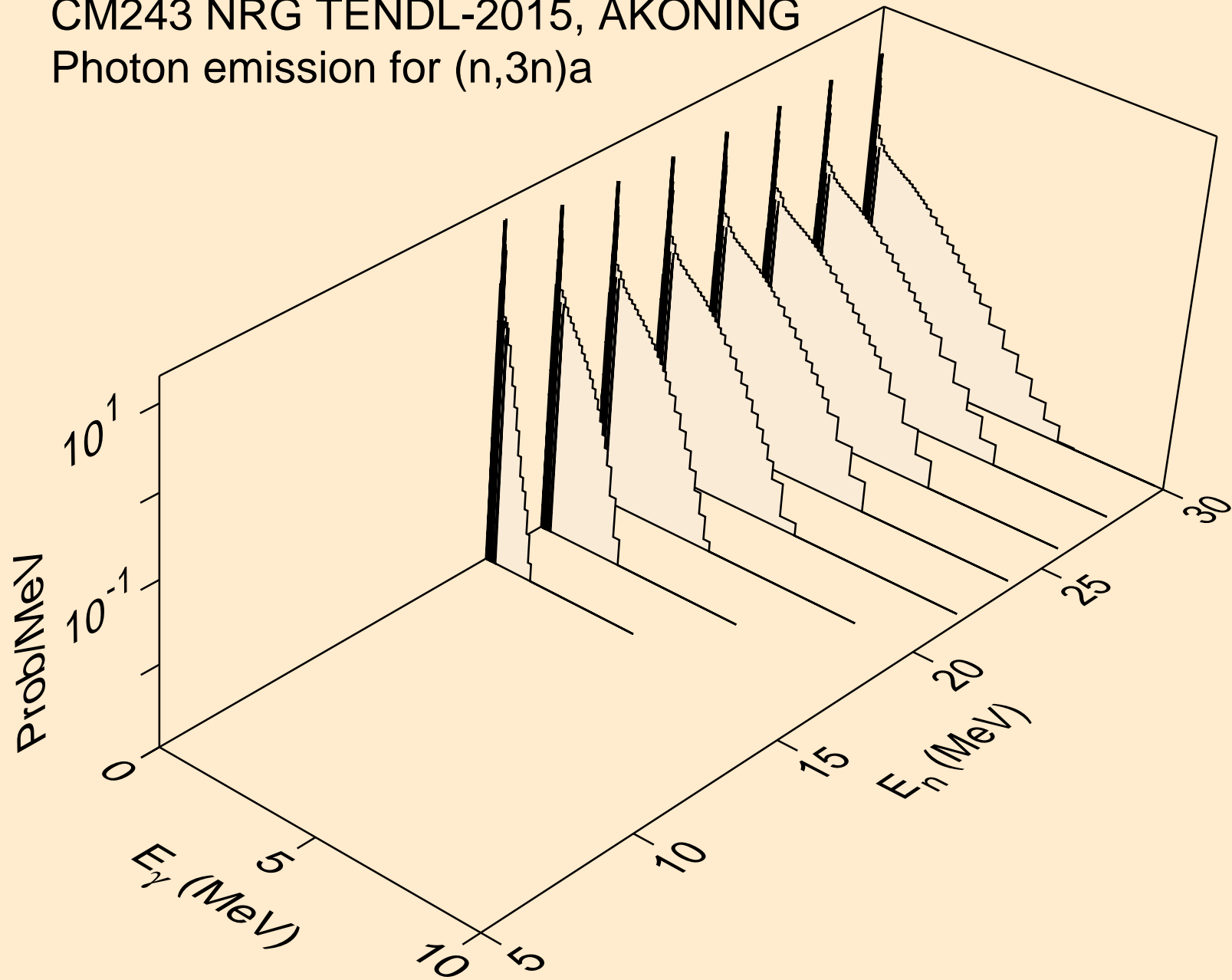
CM243 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



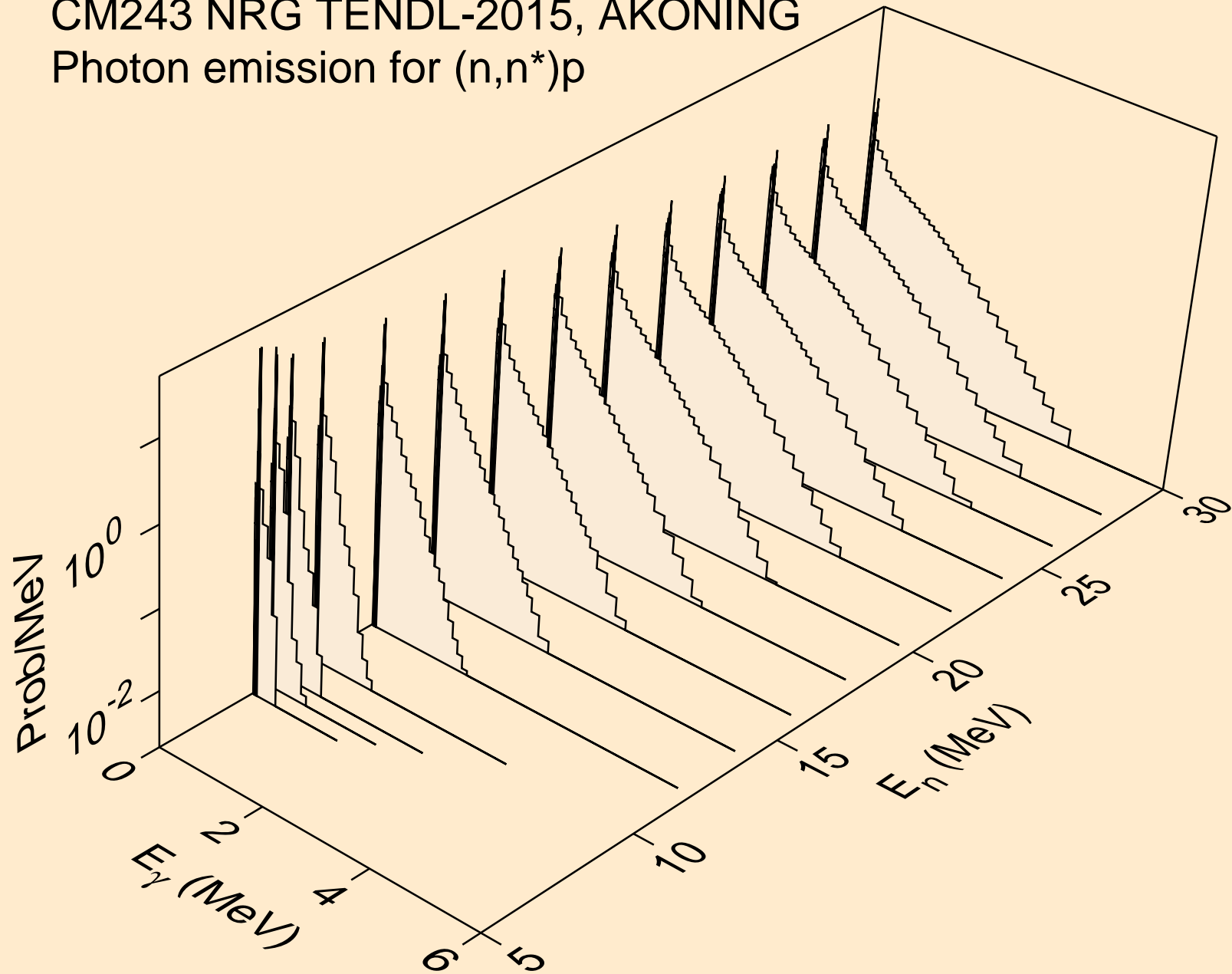
CM243 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



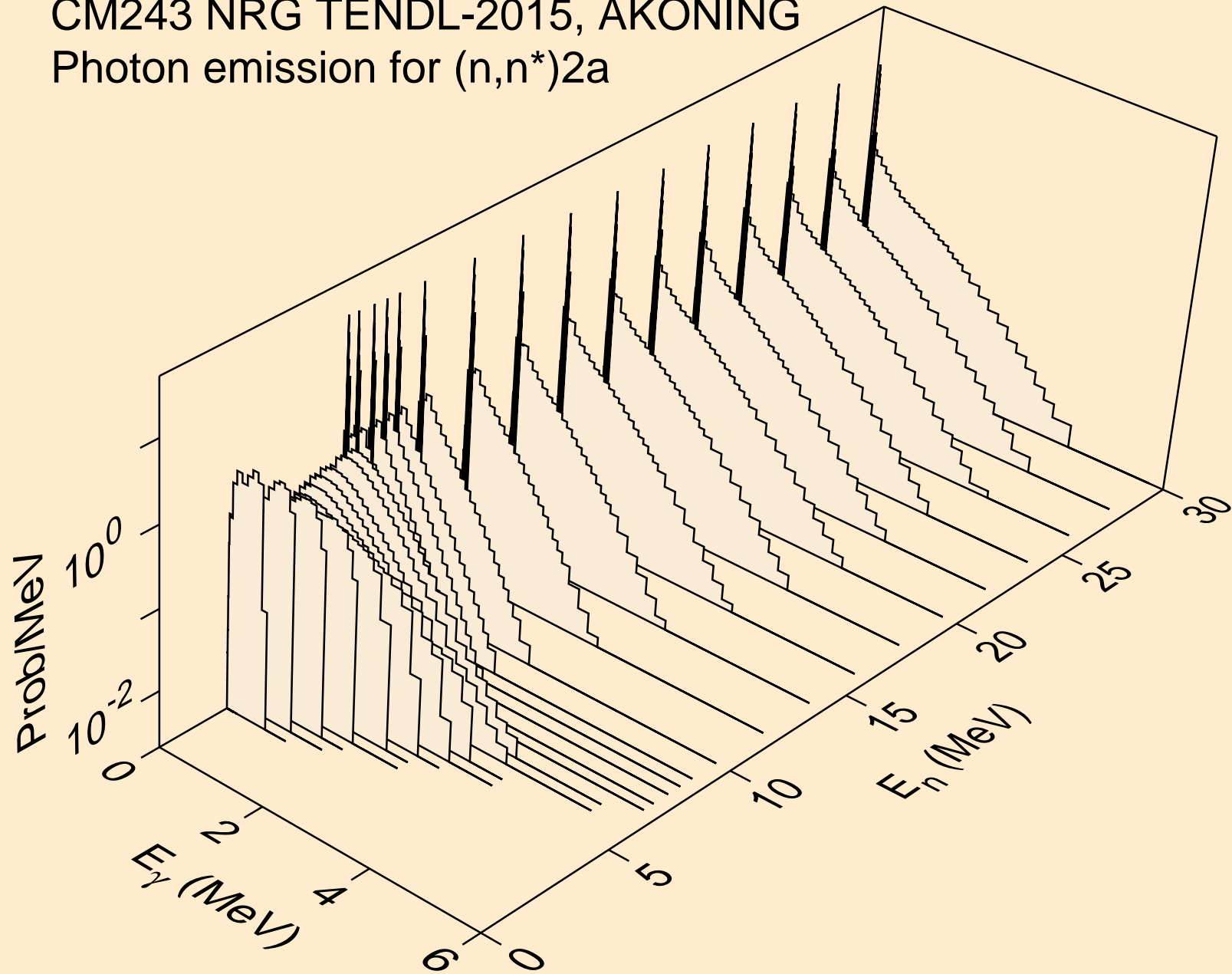
CM243 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



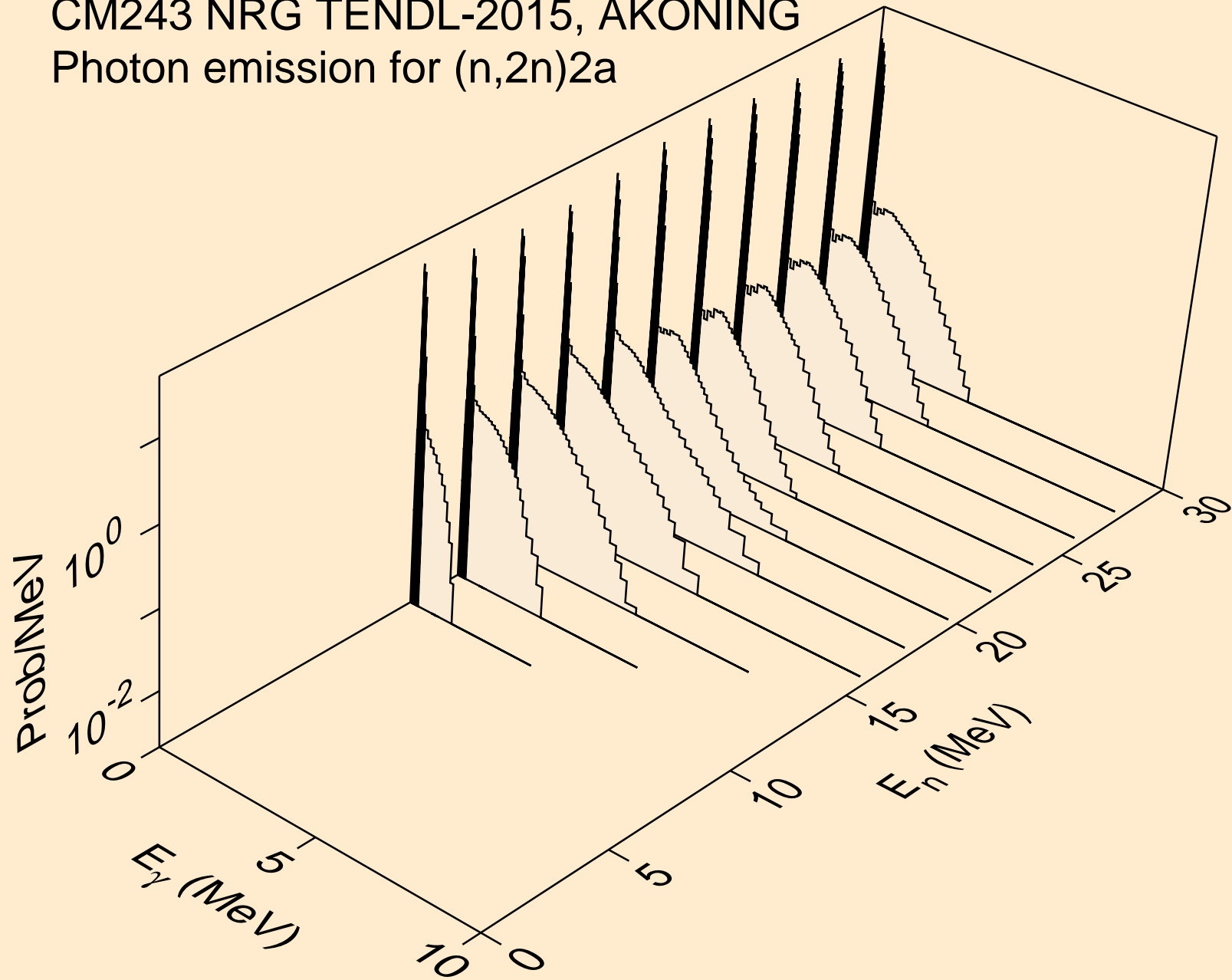
CM243 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



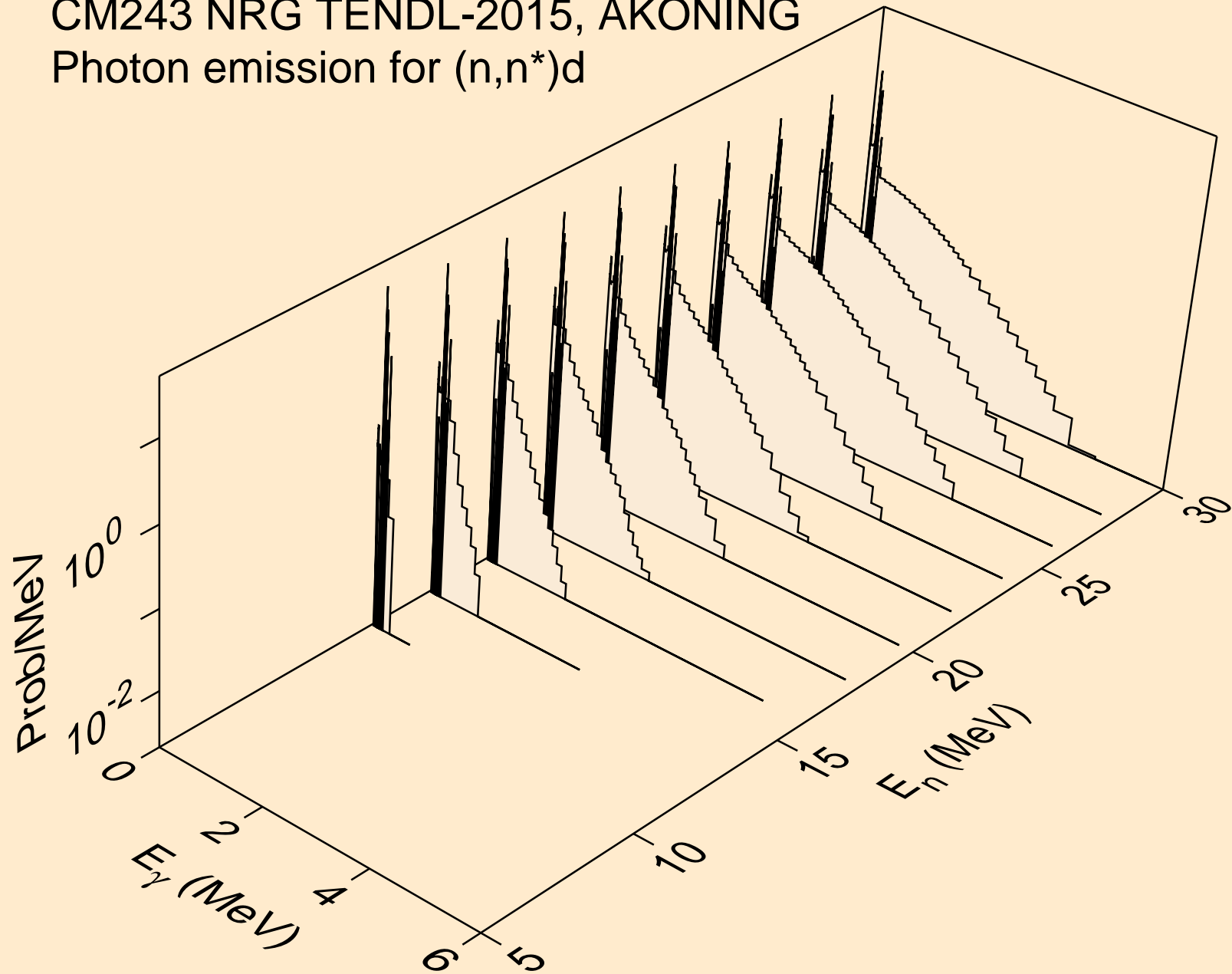
CM243 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



CM243 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a

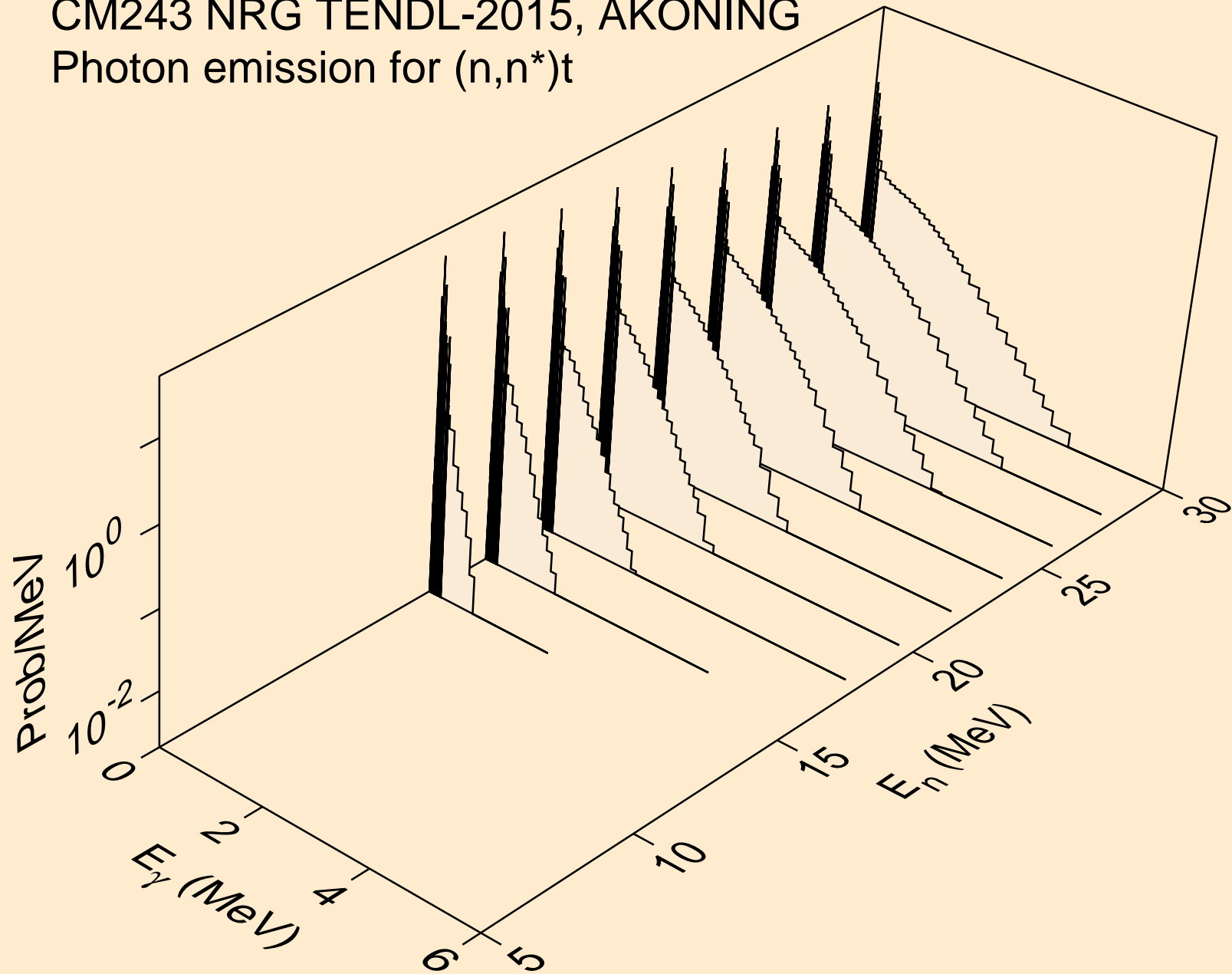


CM243 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d

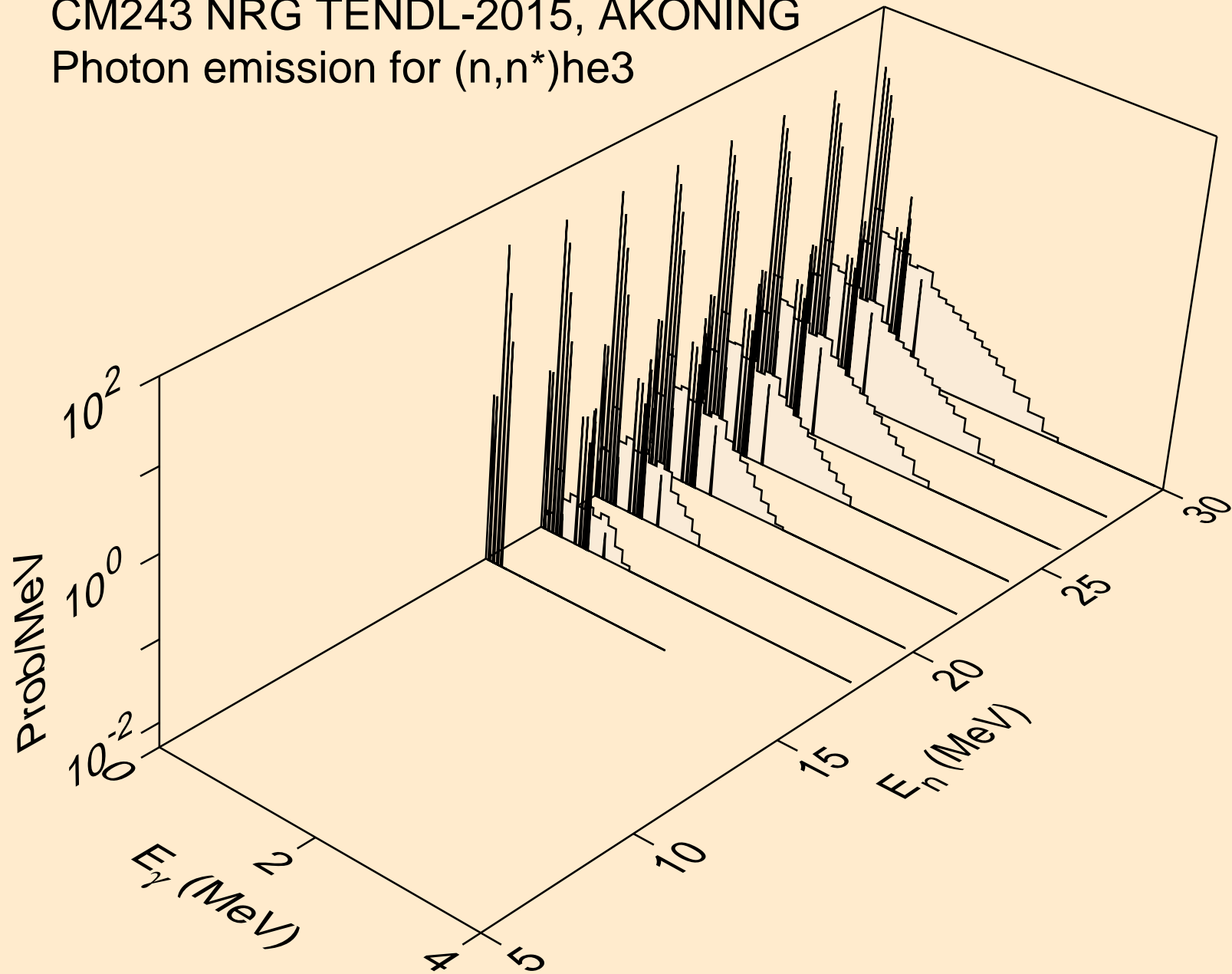




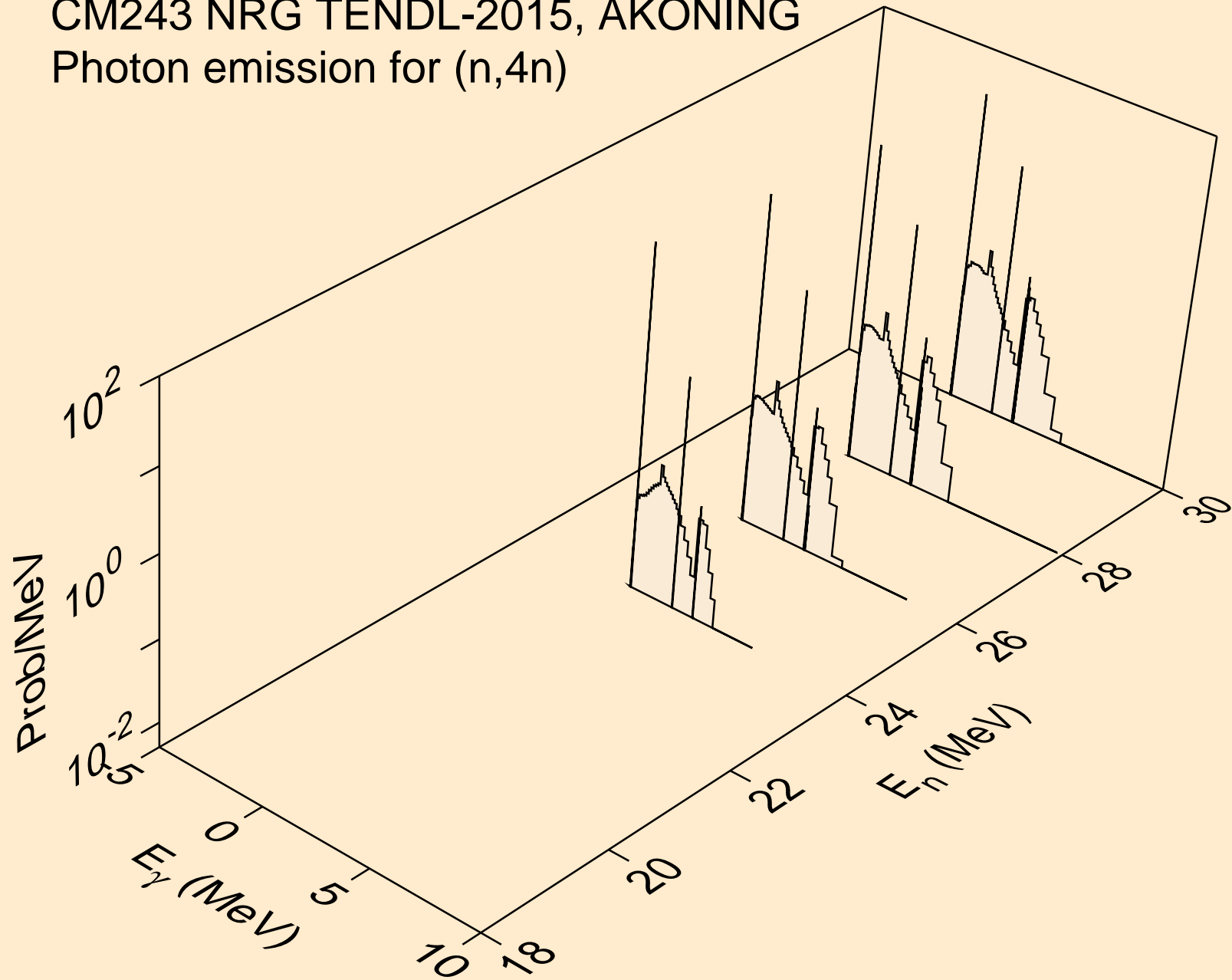
CM243 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



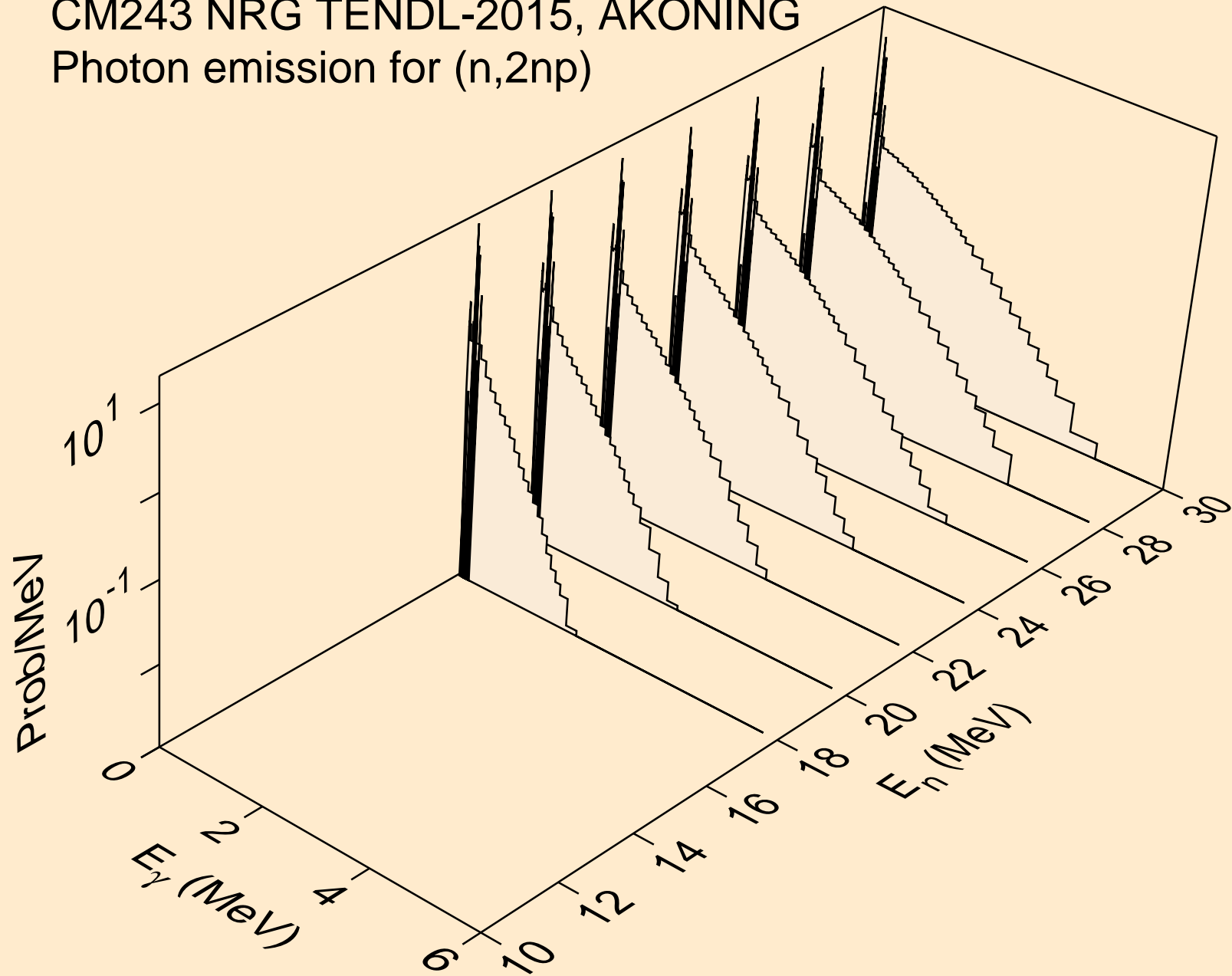
CM243 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



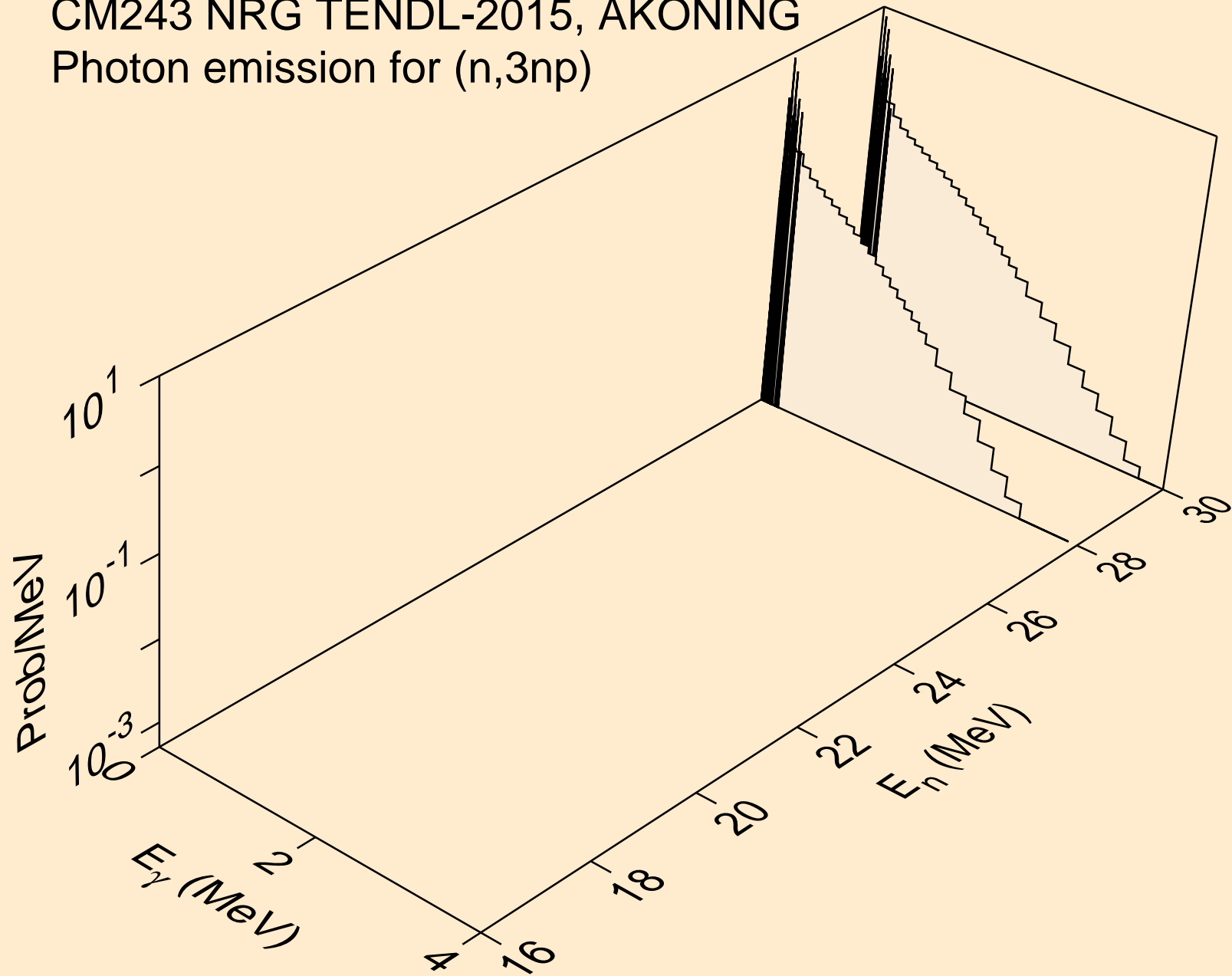
CM243 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



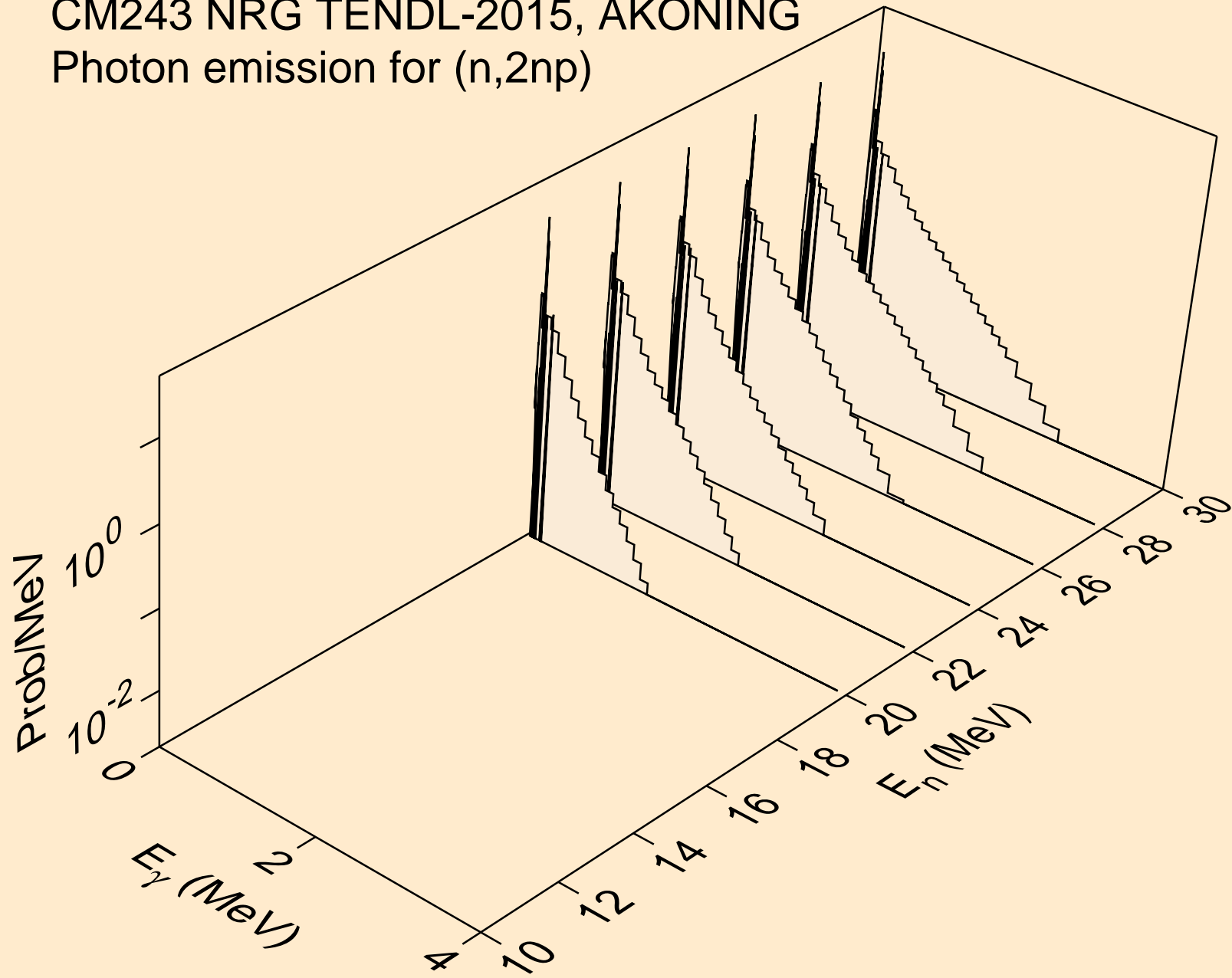
CM243 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



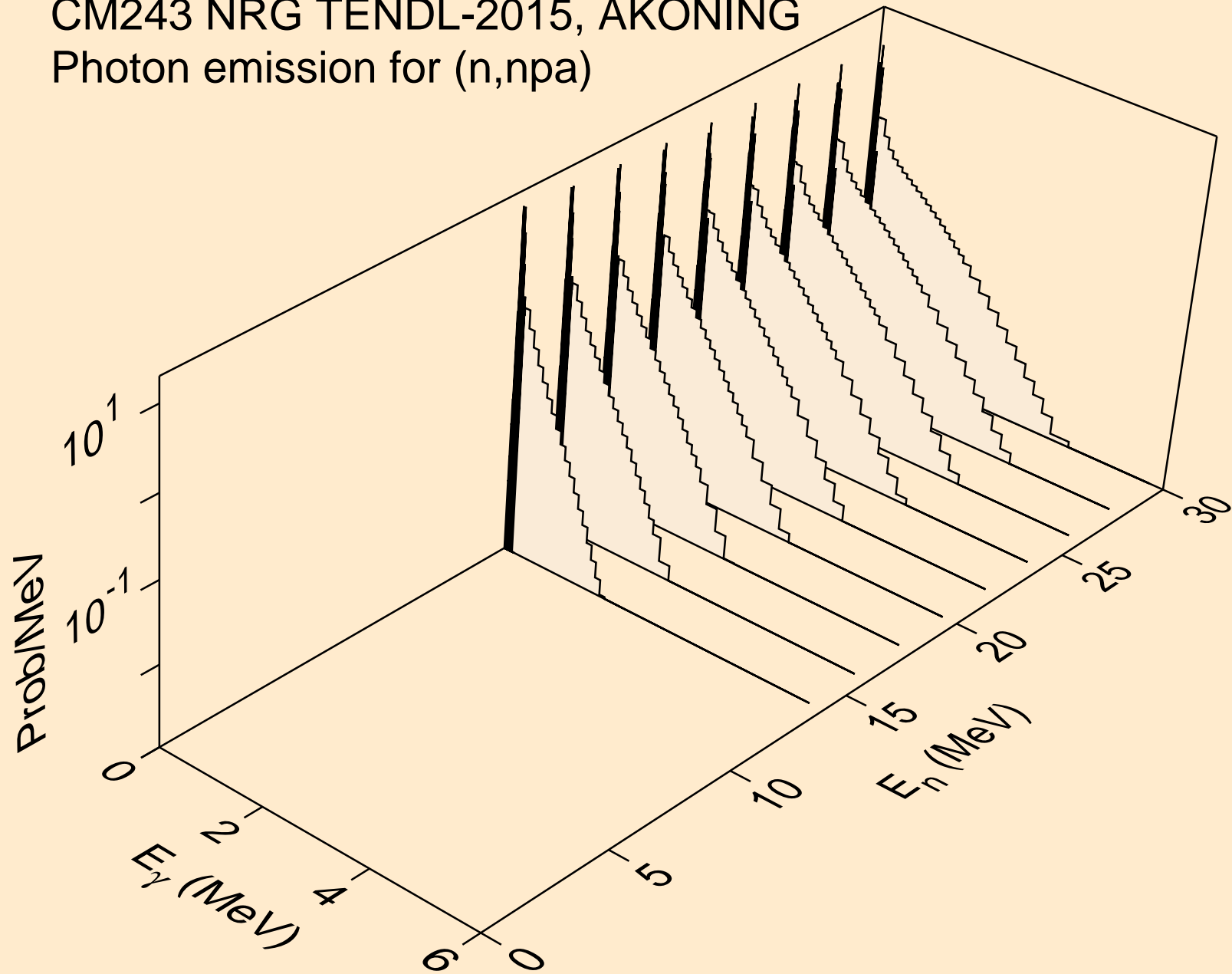
CM243 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



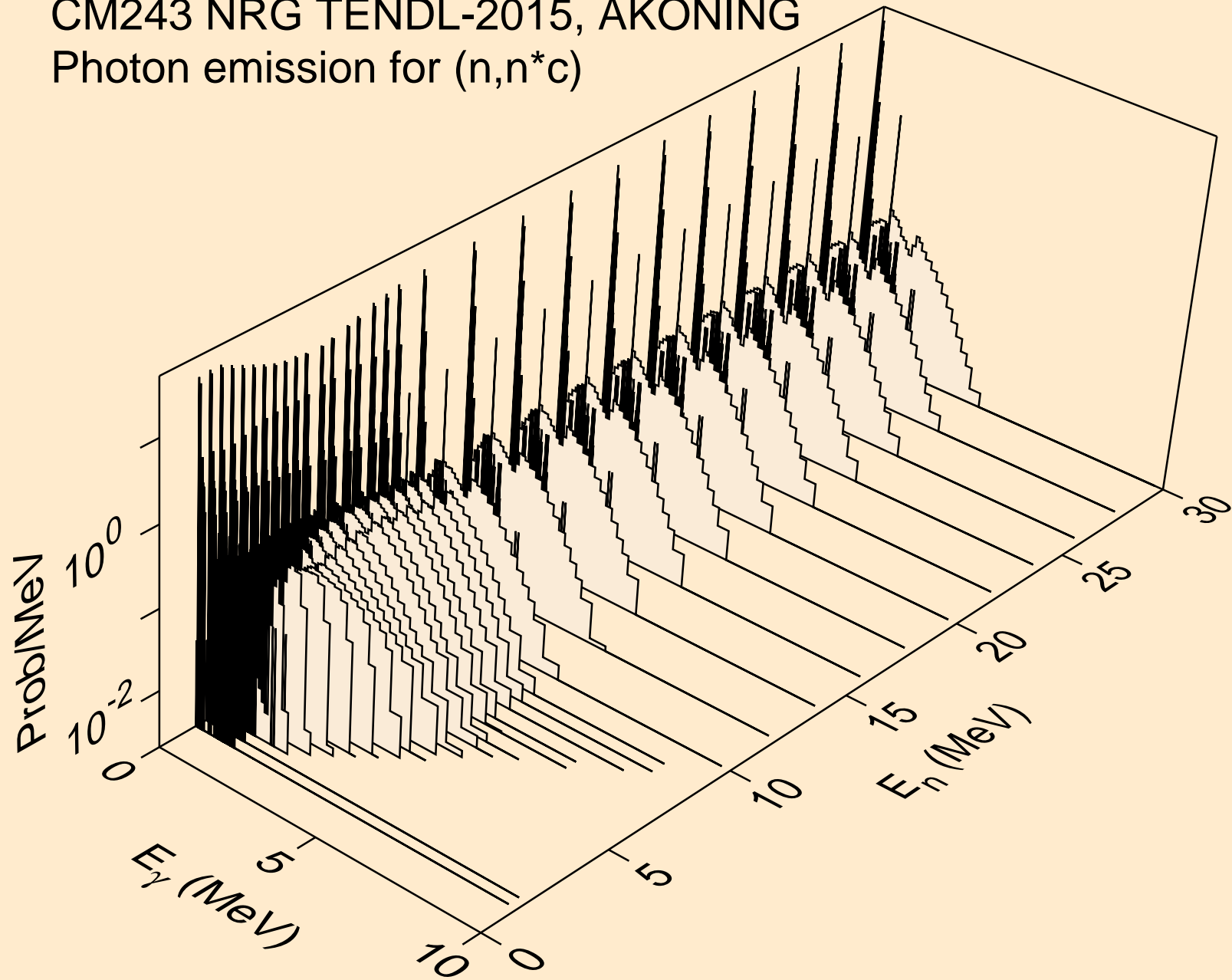
CM243 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



CM243 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)

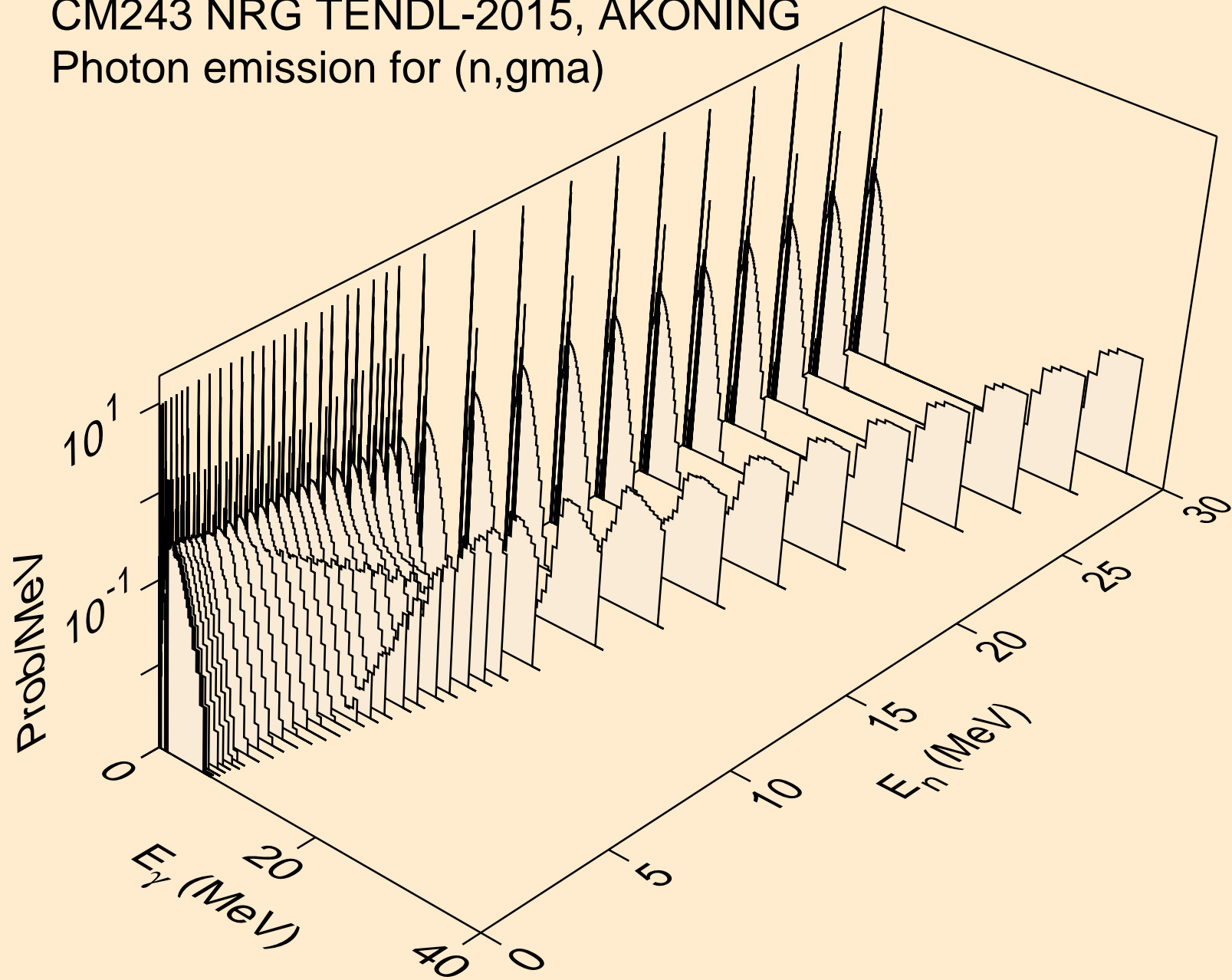


CM243 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)

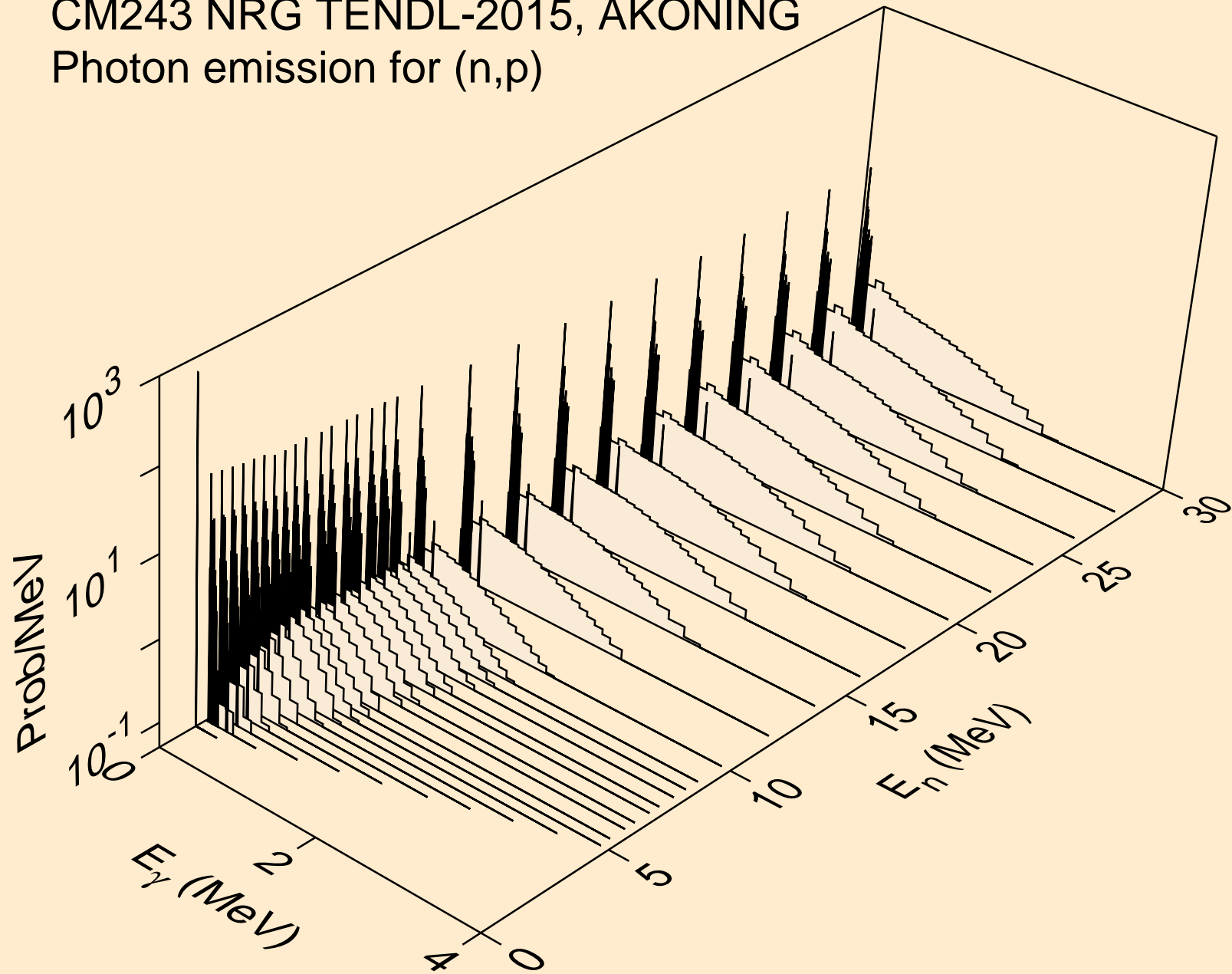




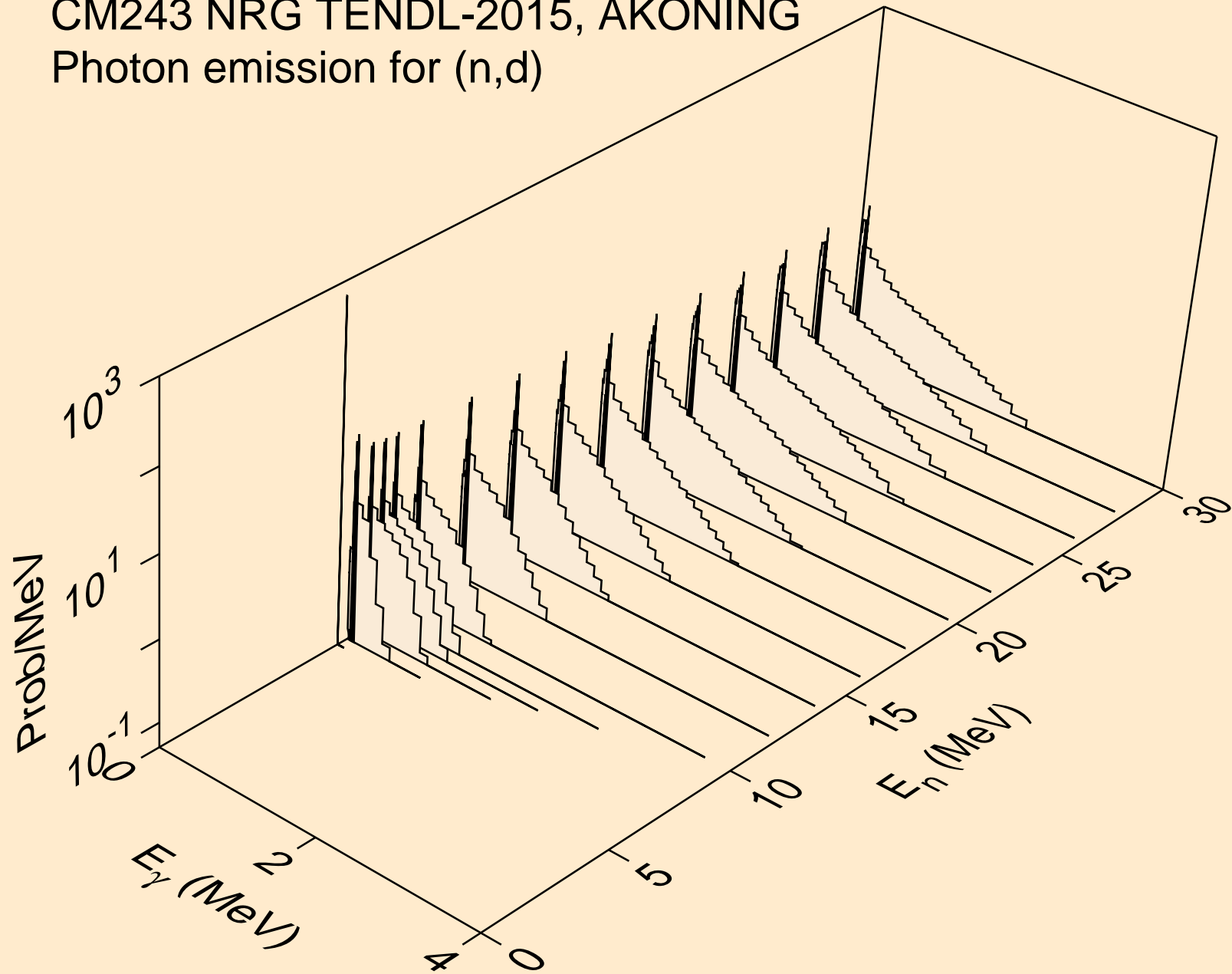
CM243 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



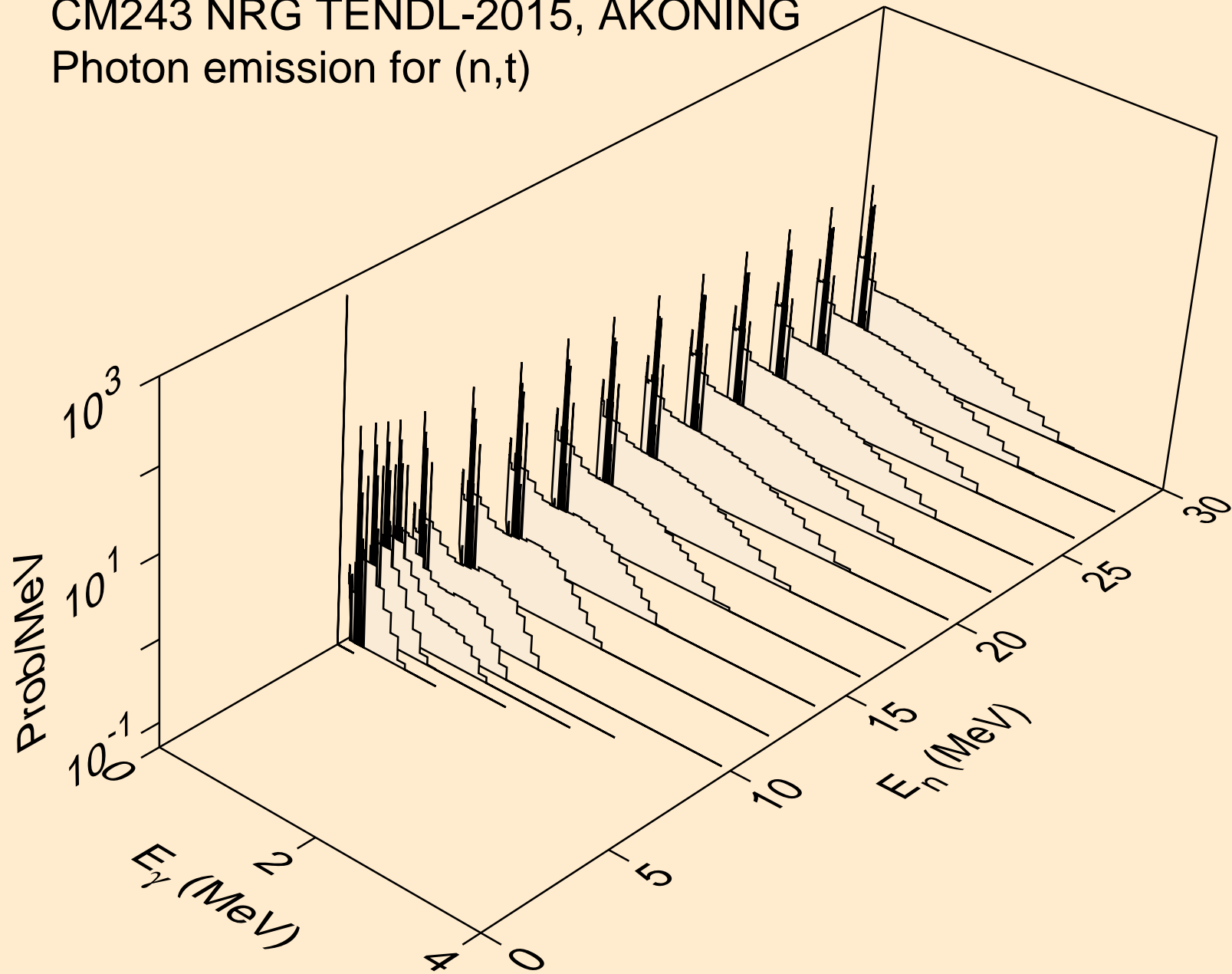
CM243 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



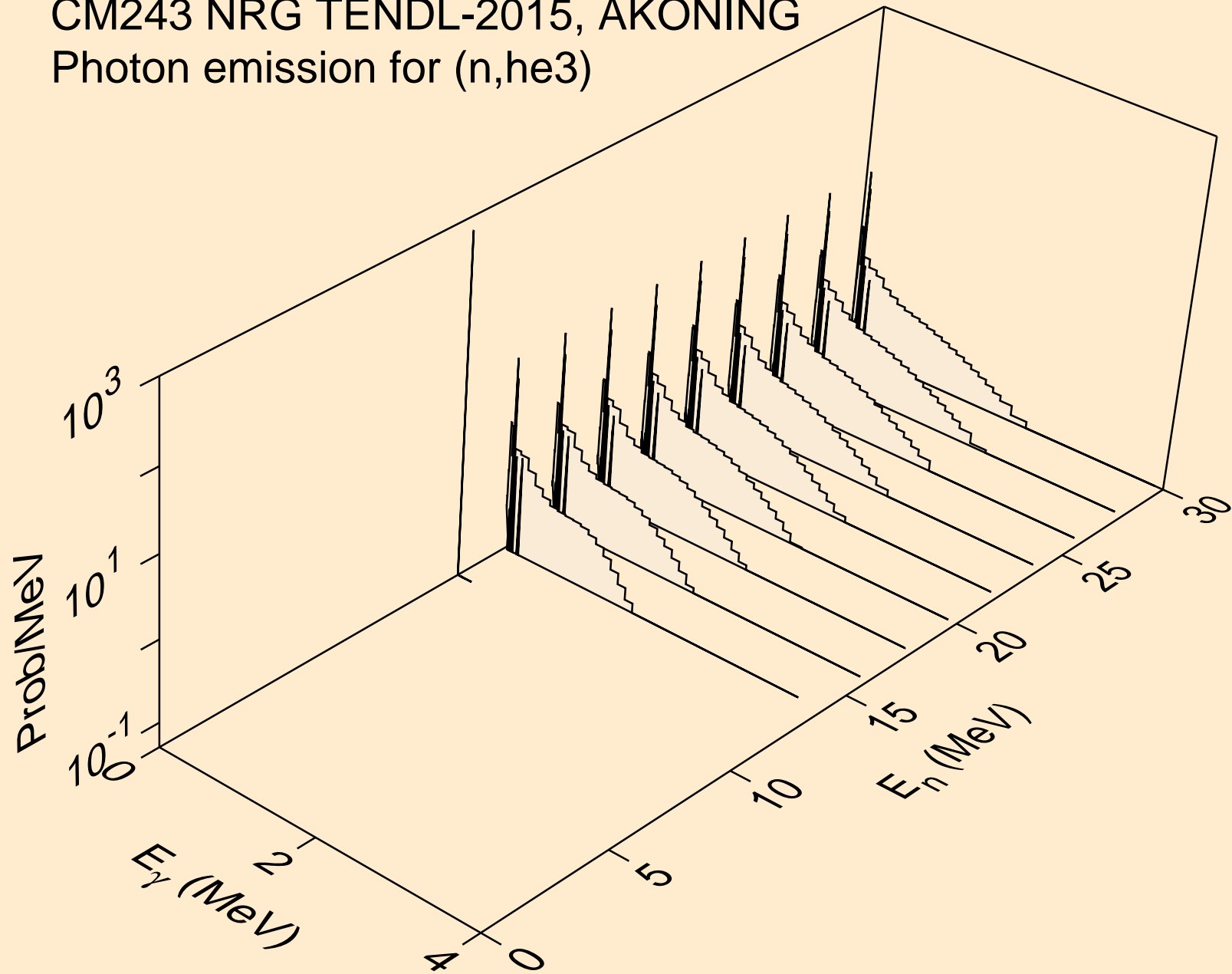
CM243 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



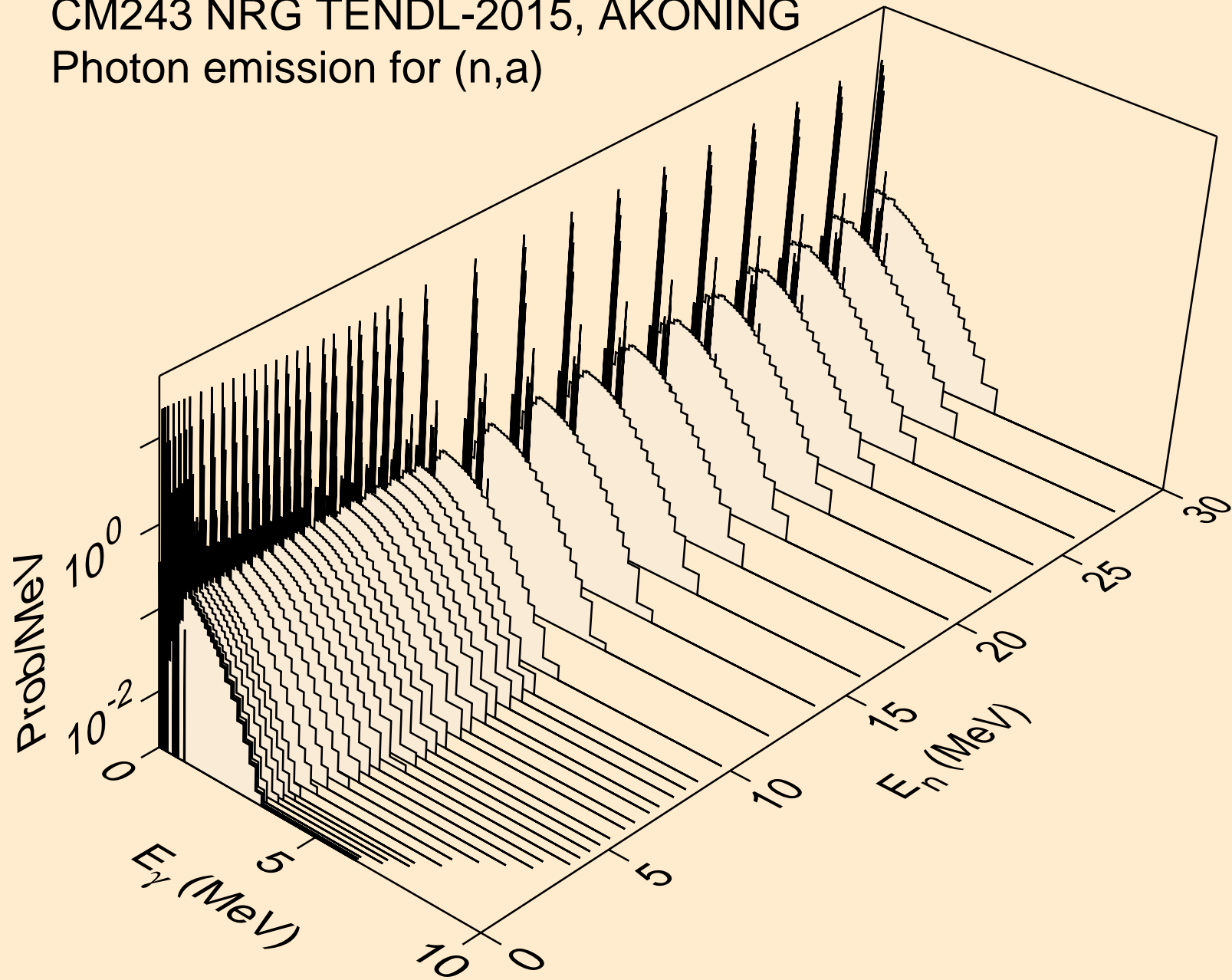
CM243 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



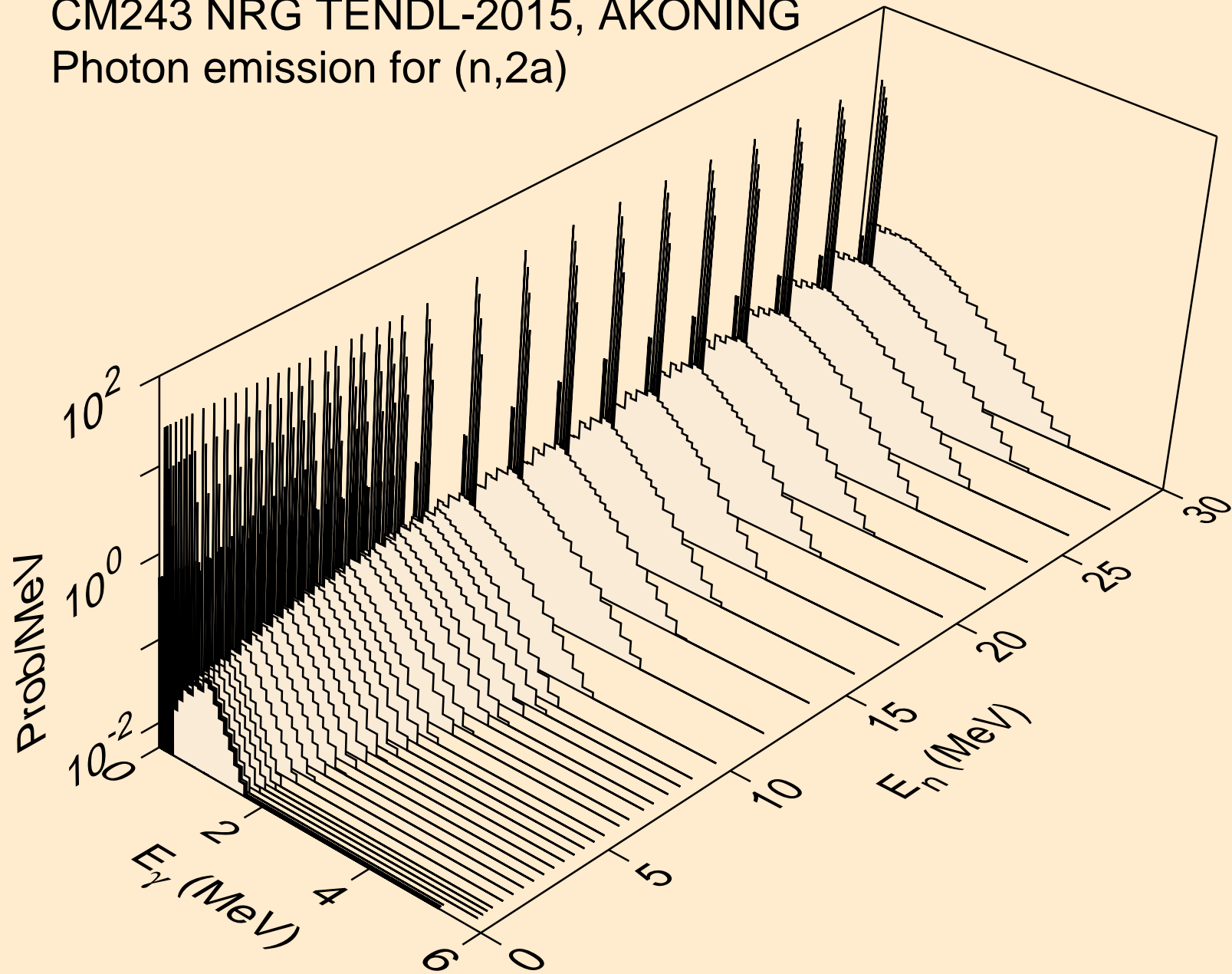
CM243 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



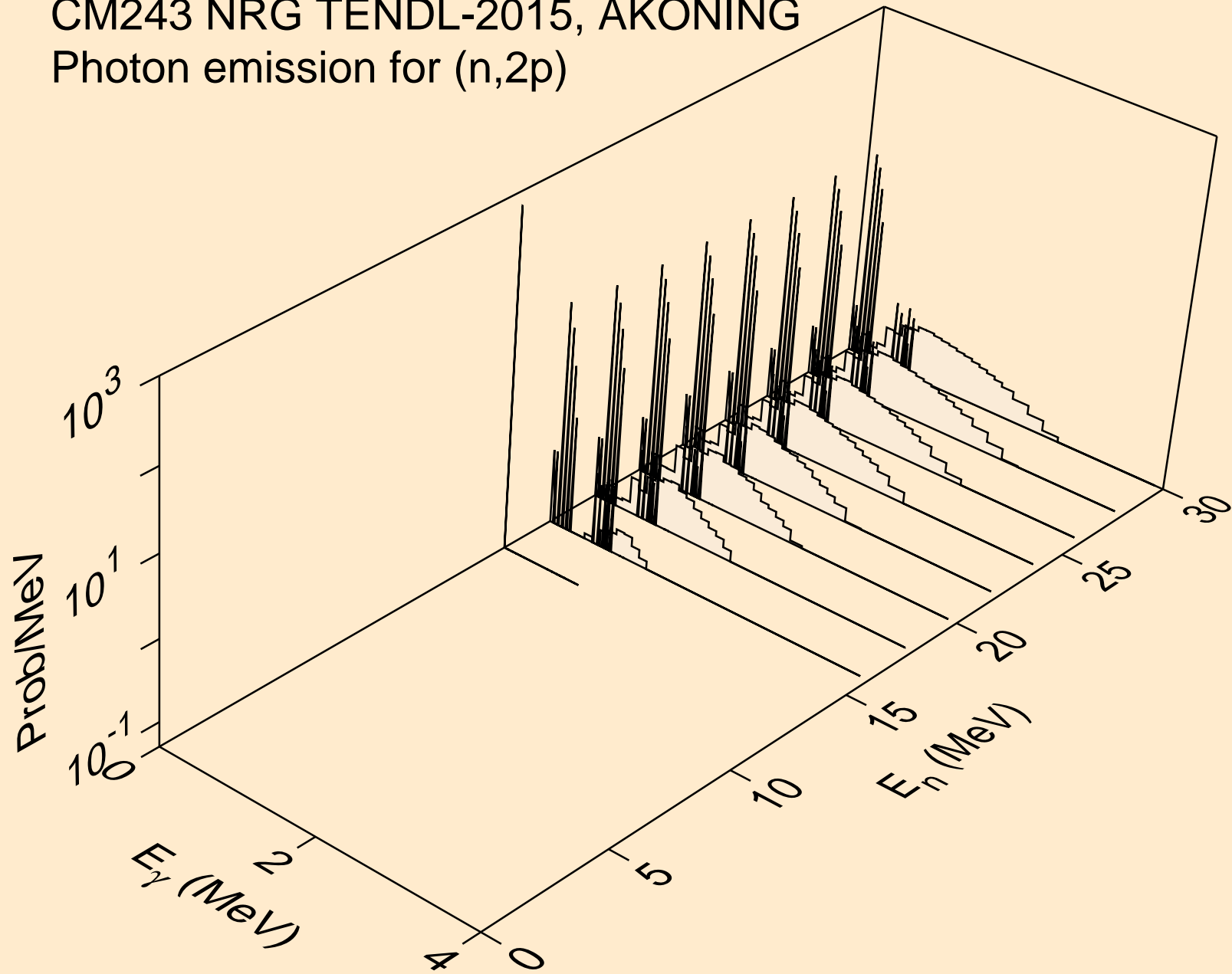
CM243 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



CM243 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)

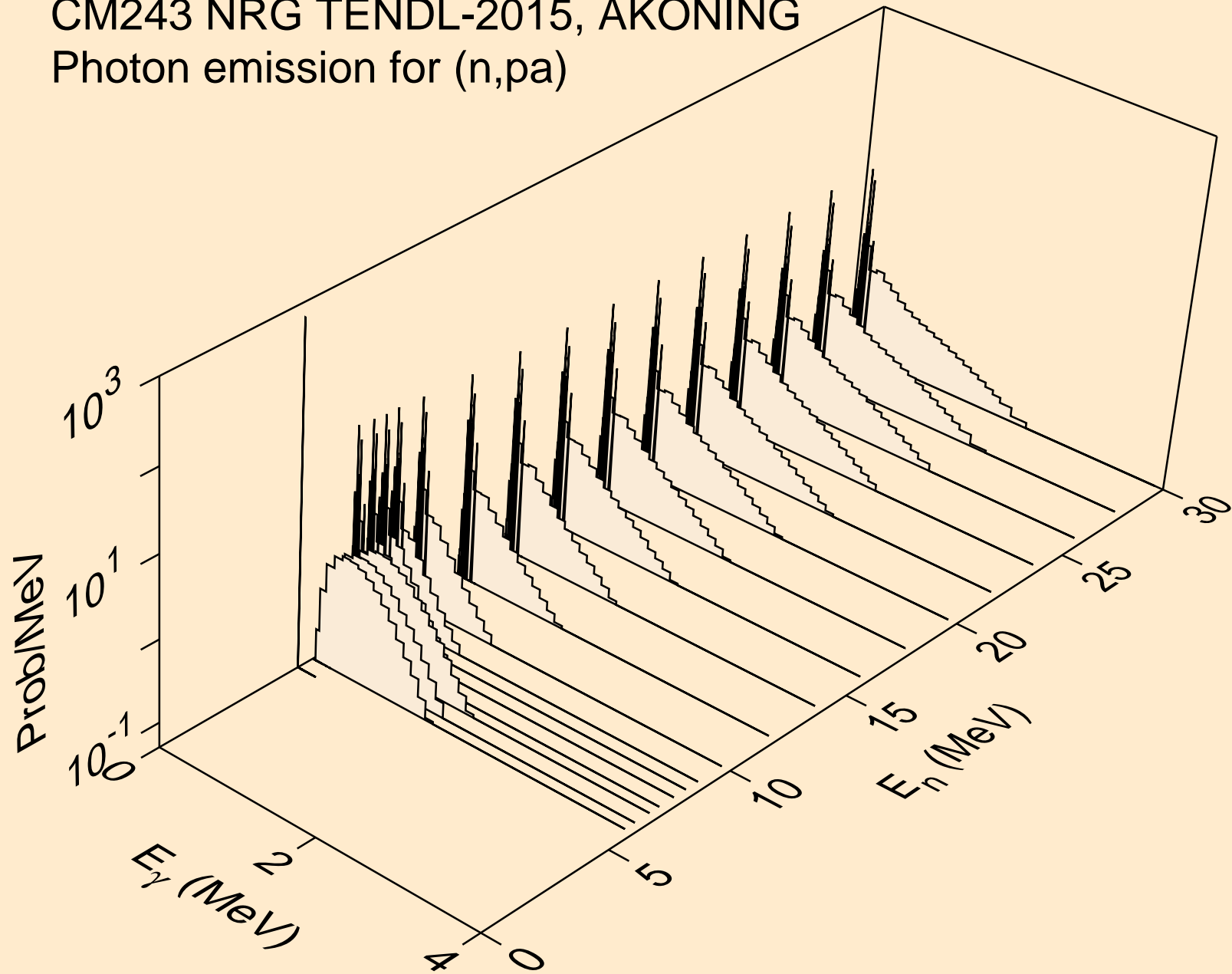


CM243 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)

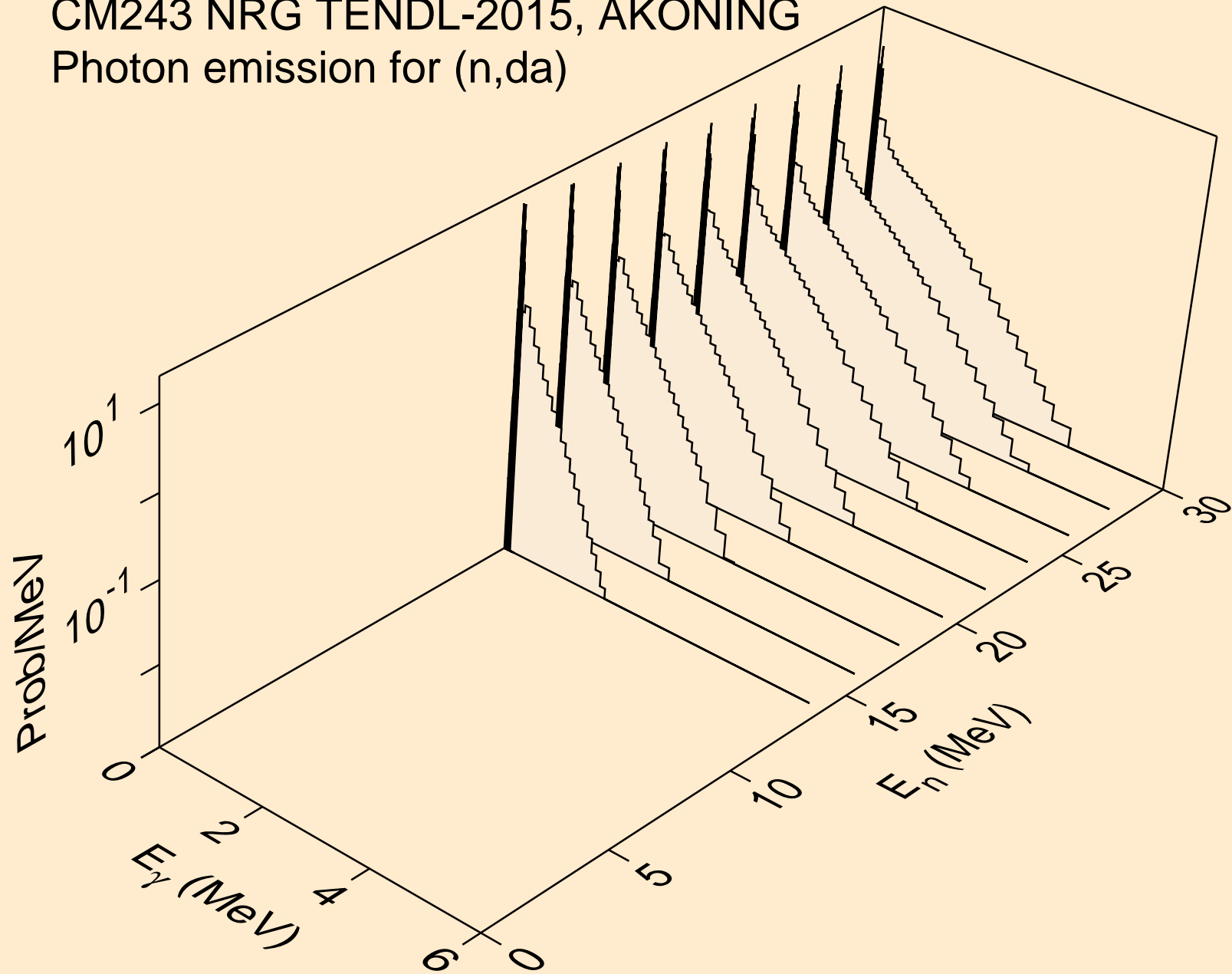




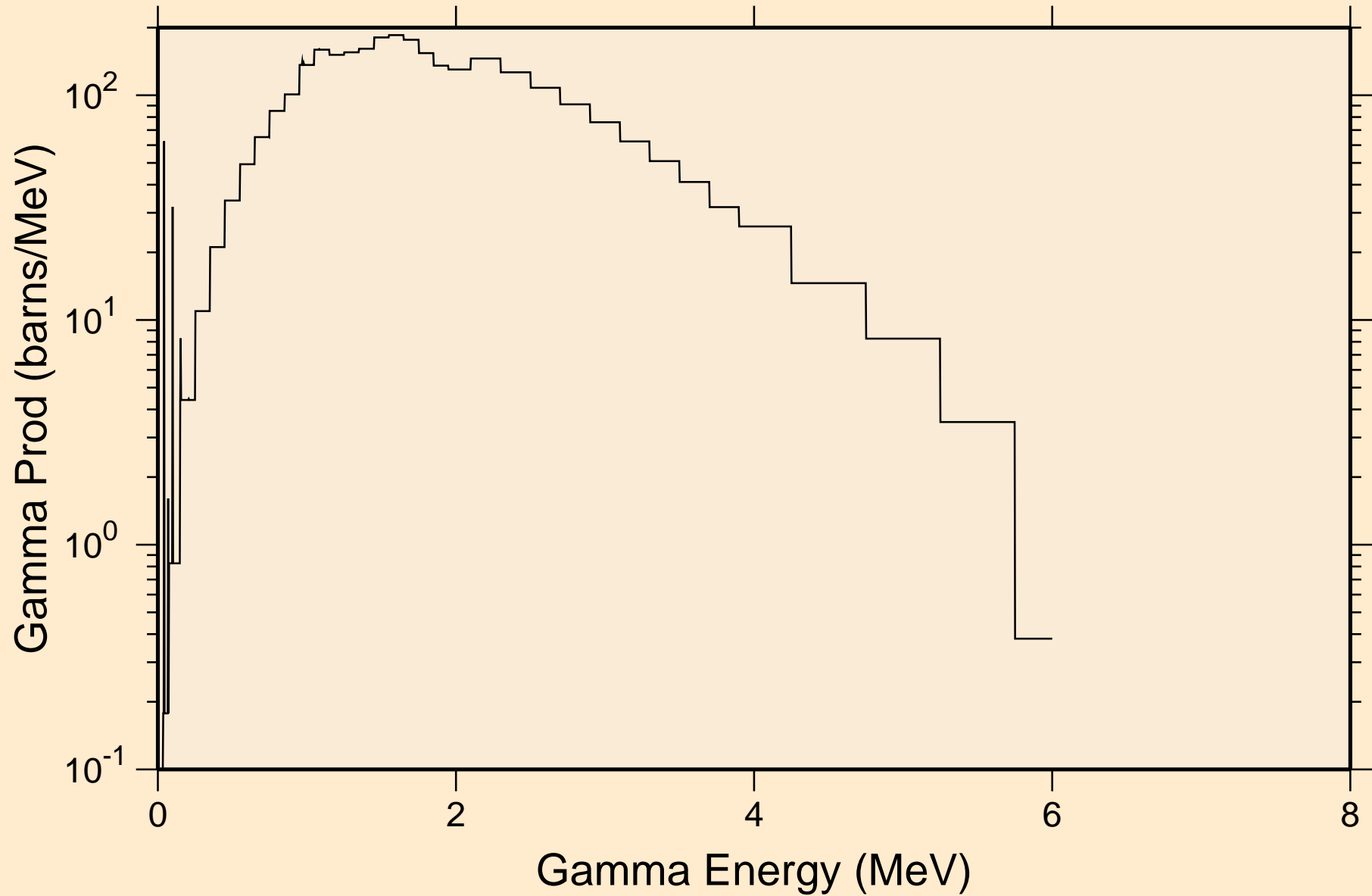
CM243 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



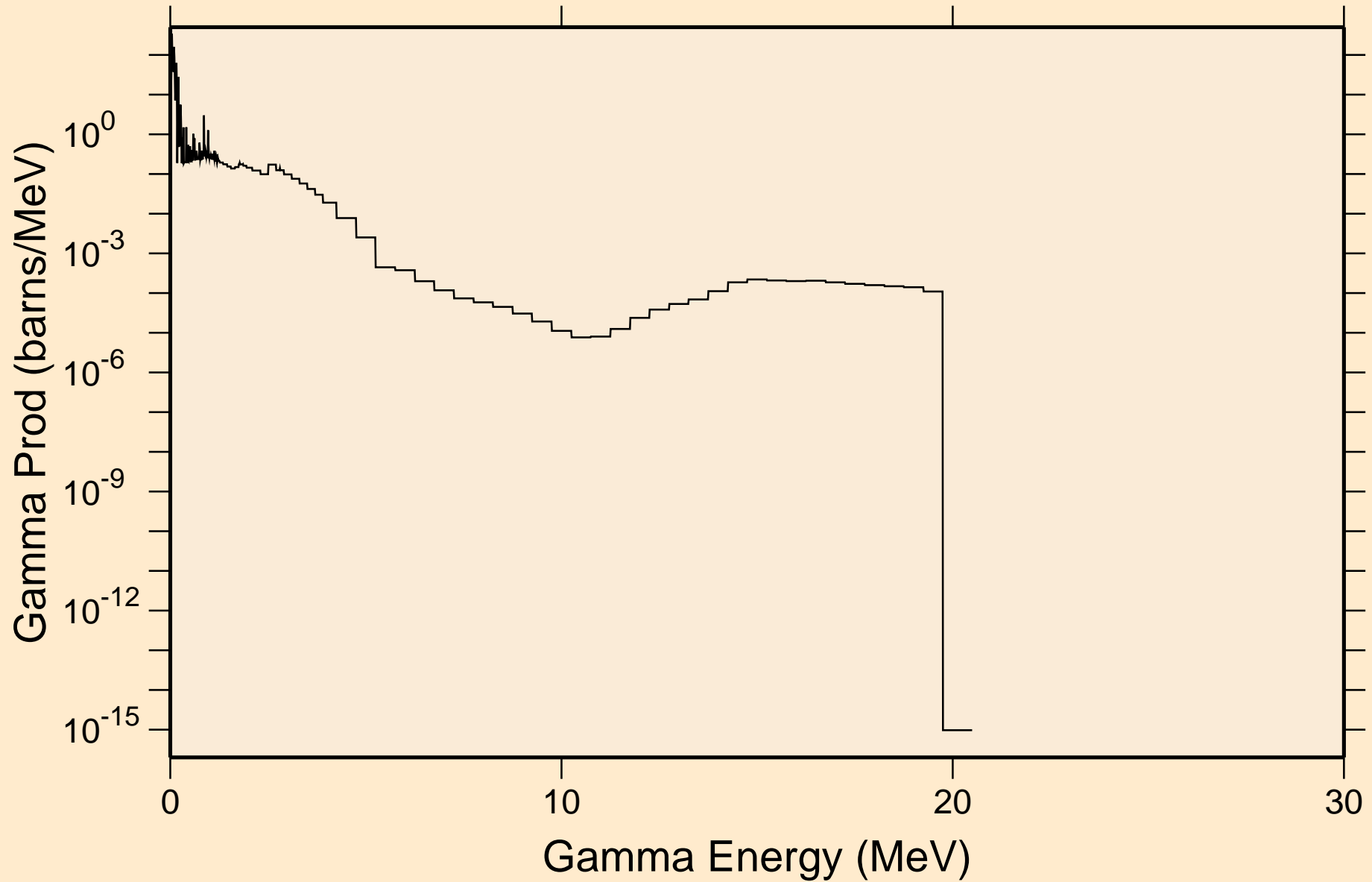
CM243 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



CM243 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

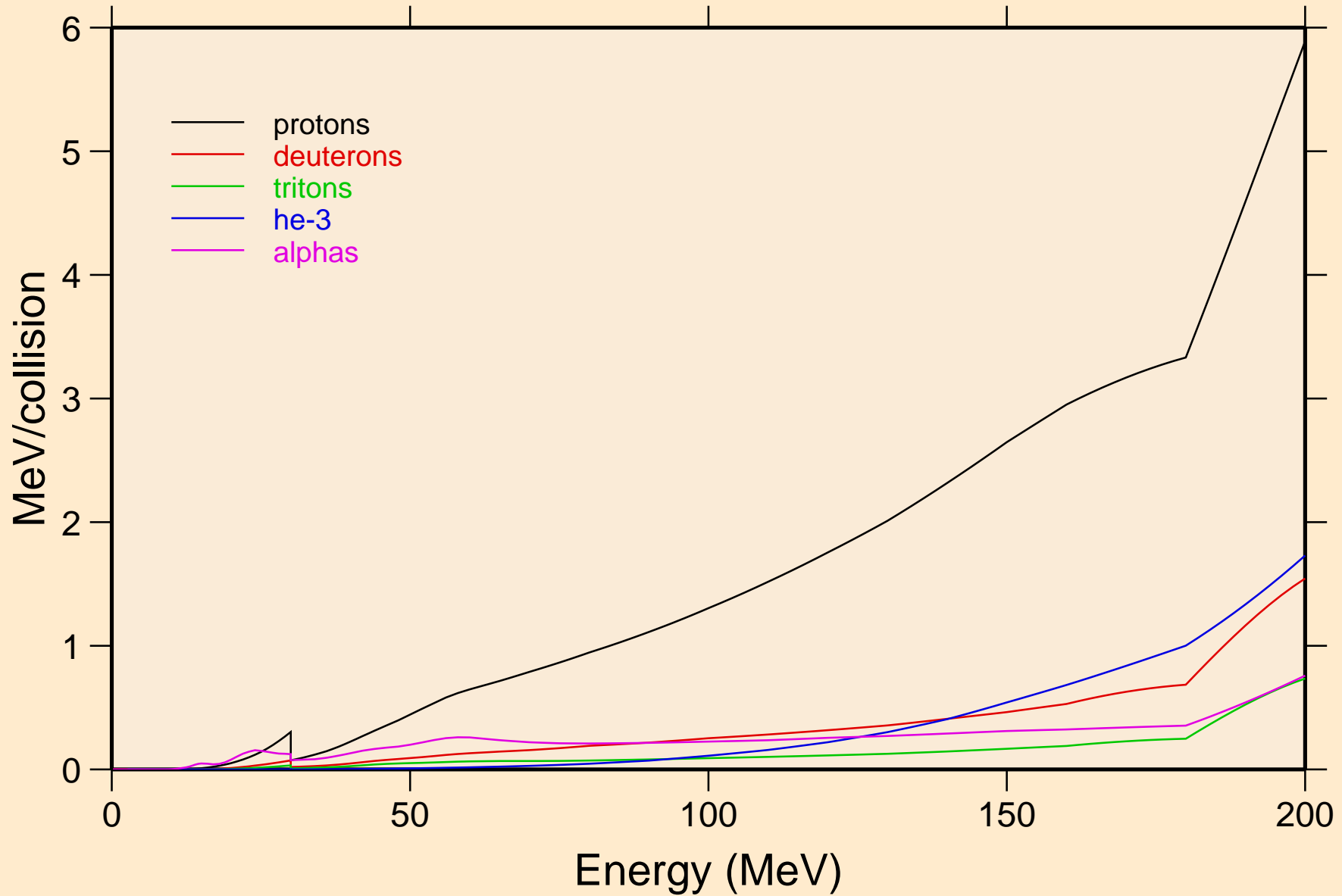


CM243 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



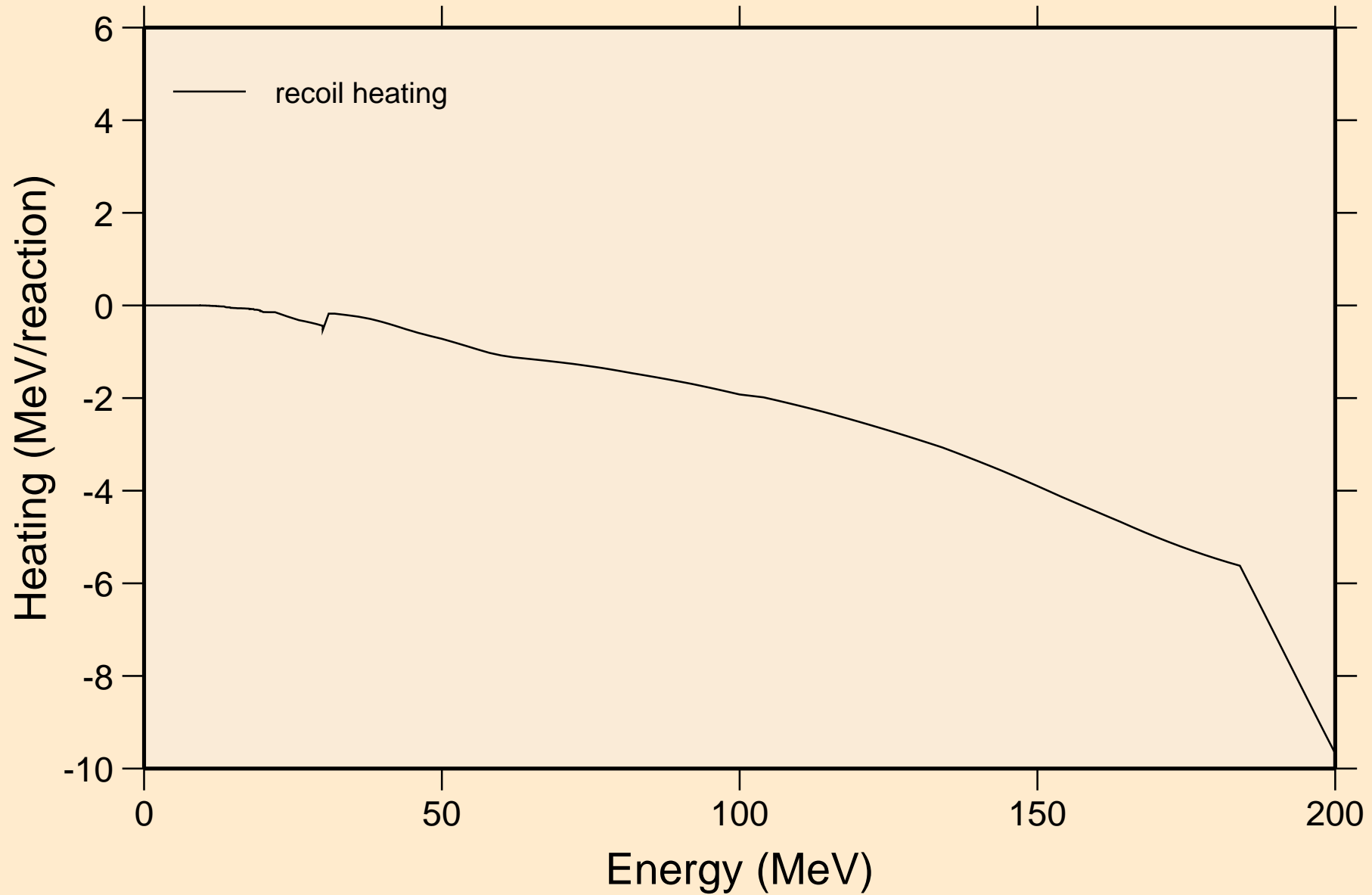
# CM243 NRG TENDL-2015, AKONING

## Particle heating contributions



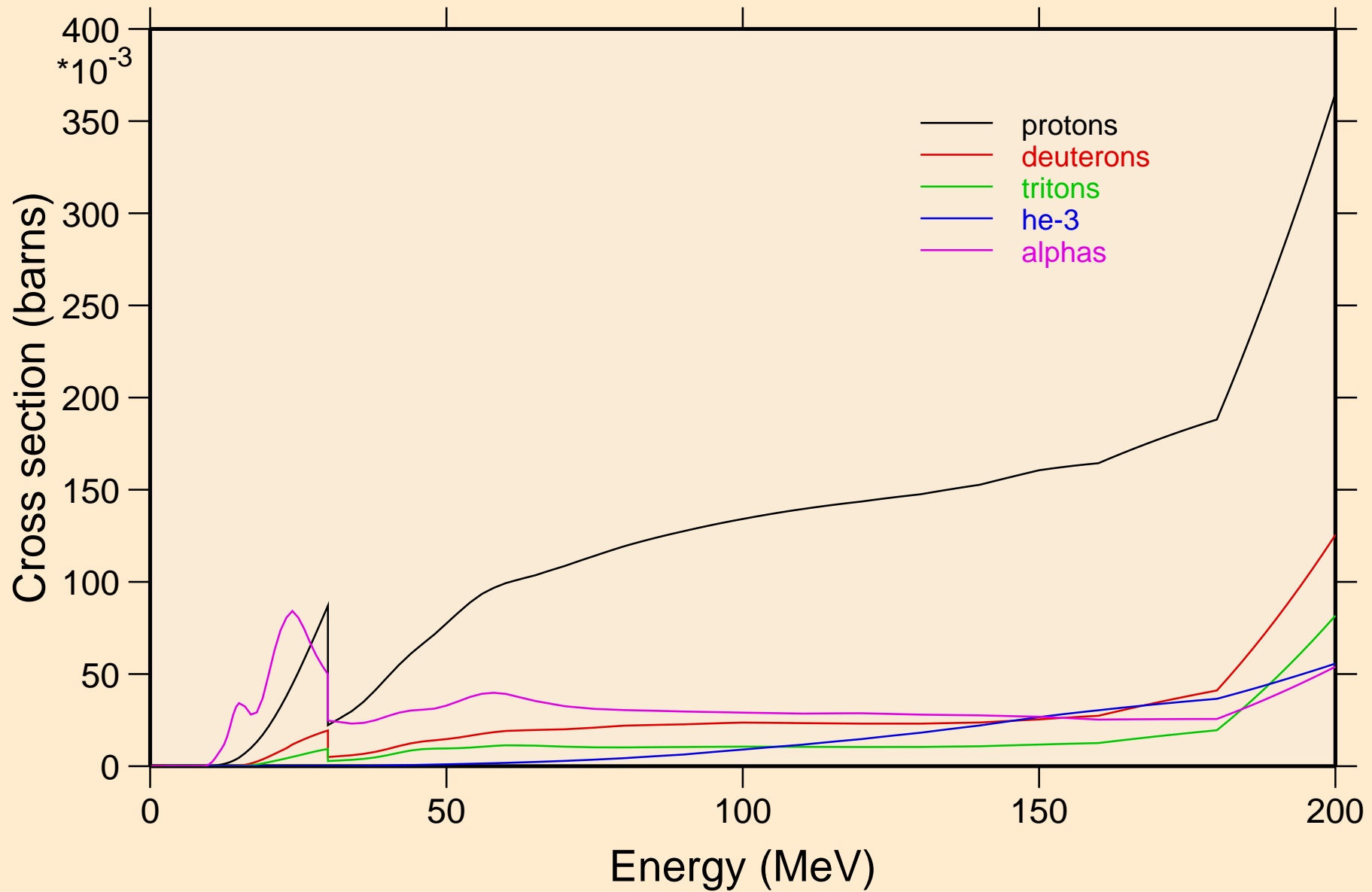
# CM243 NRG TENDL-2015, AKONING

## Recoil Heating

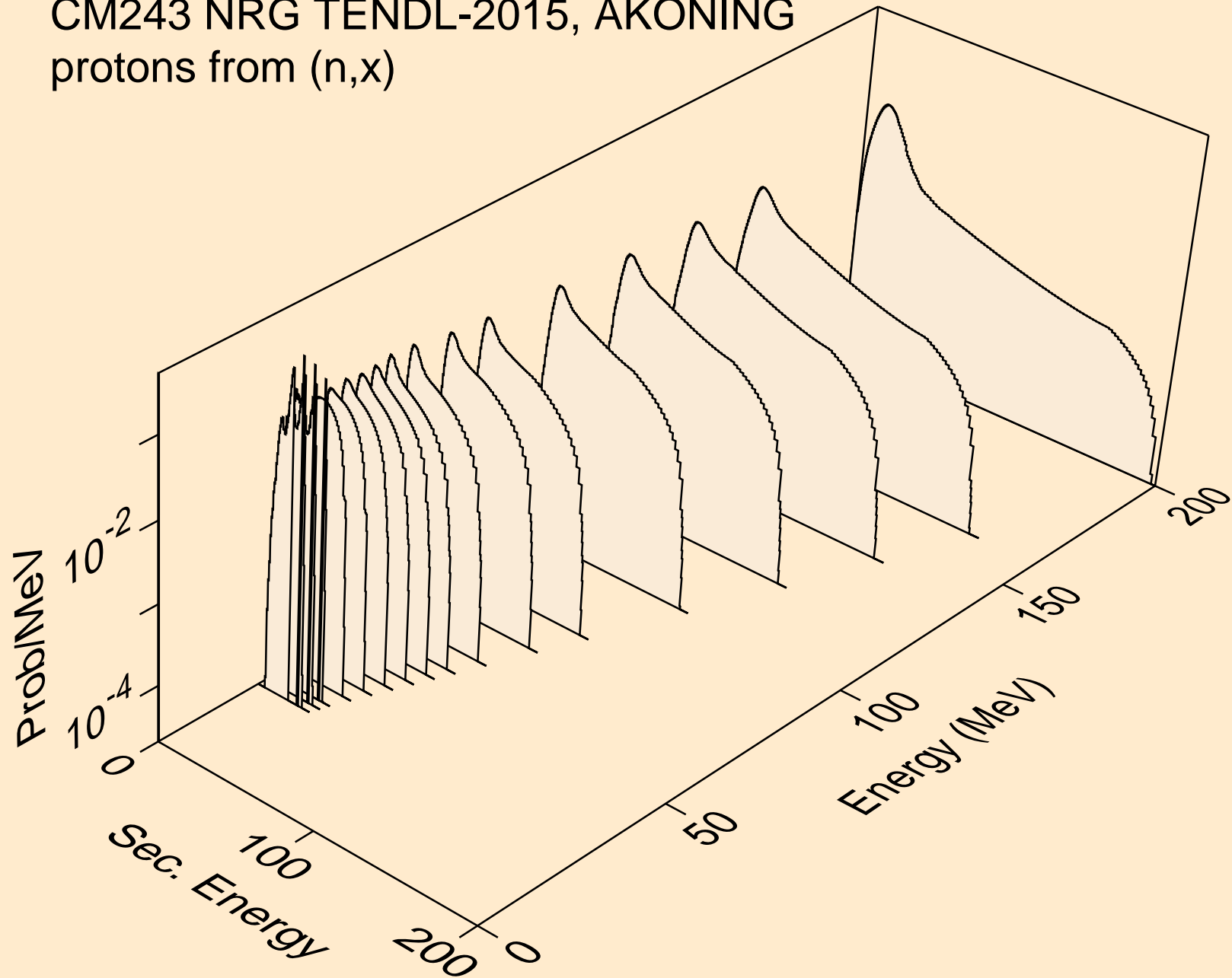


# CM243 NRG TENDL-2015, AKONING

## Particle production cross sections

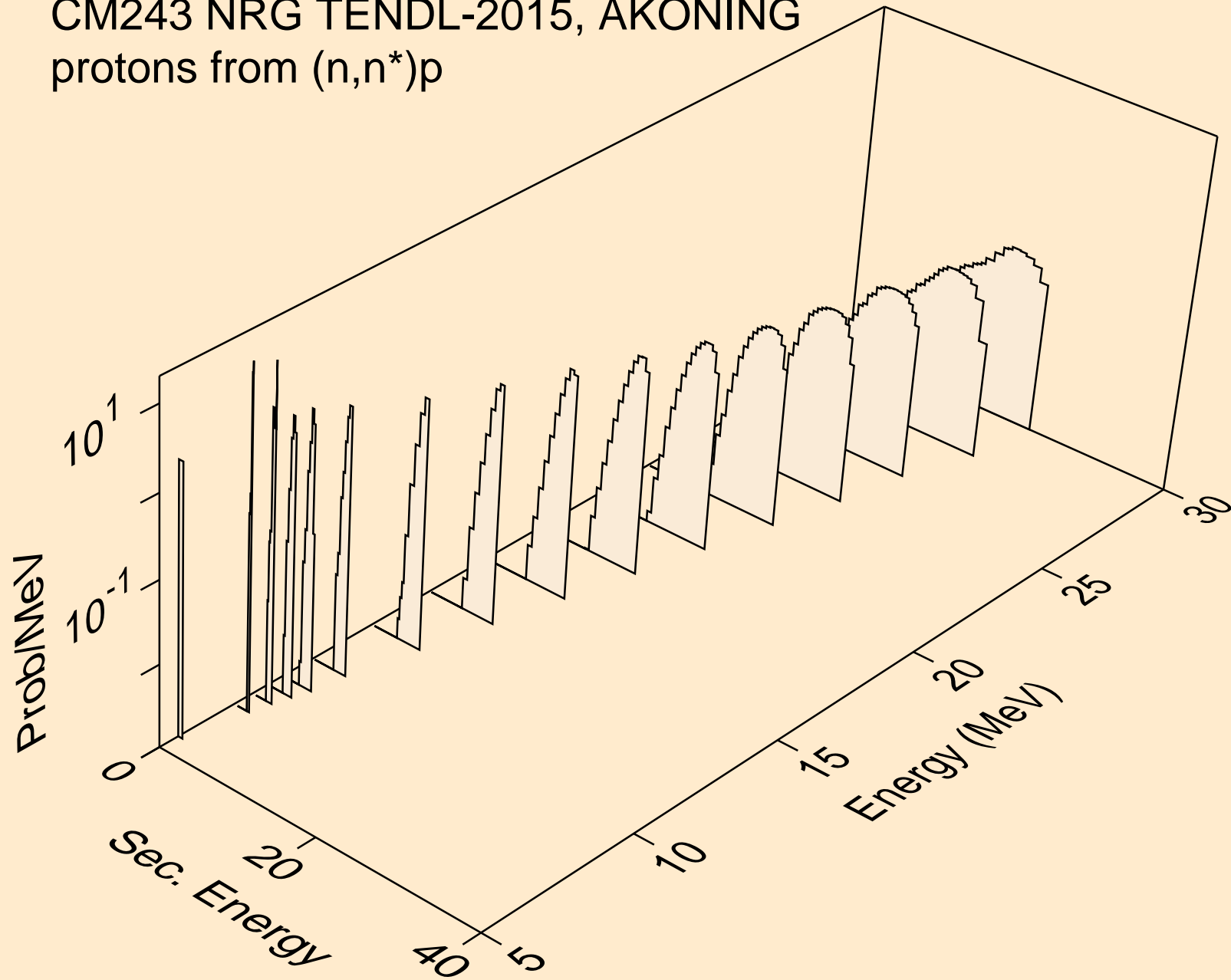


CM243 NRG TENDL-2015, AKONING  
protons from (n,x)

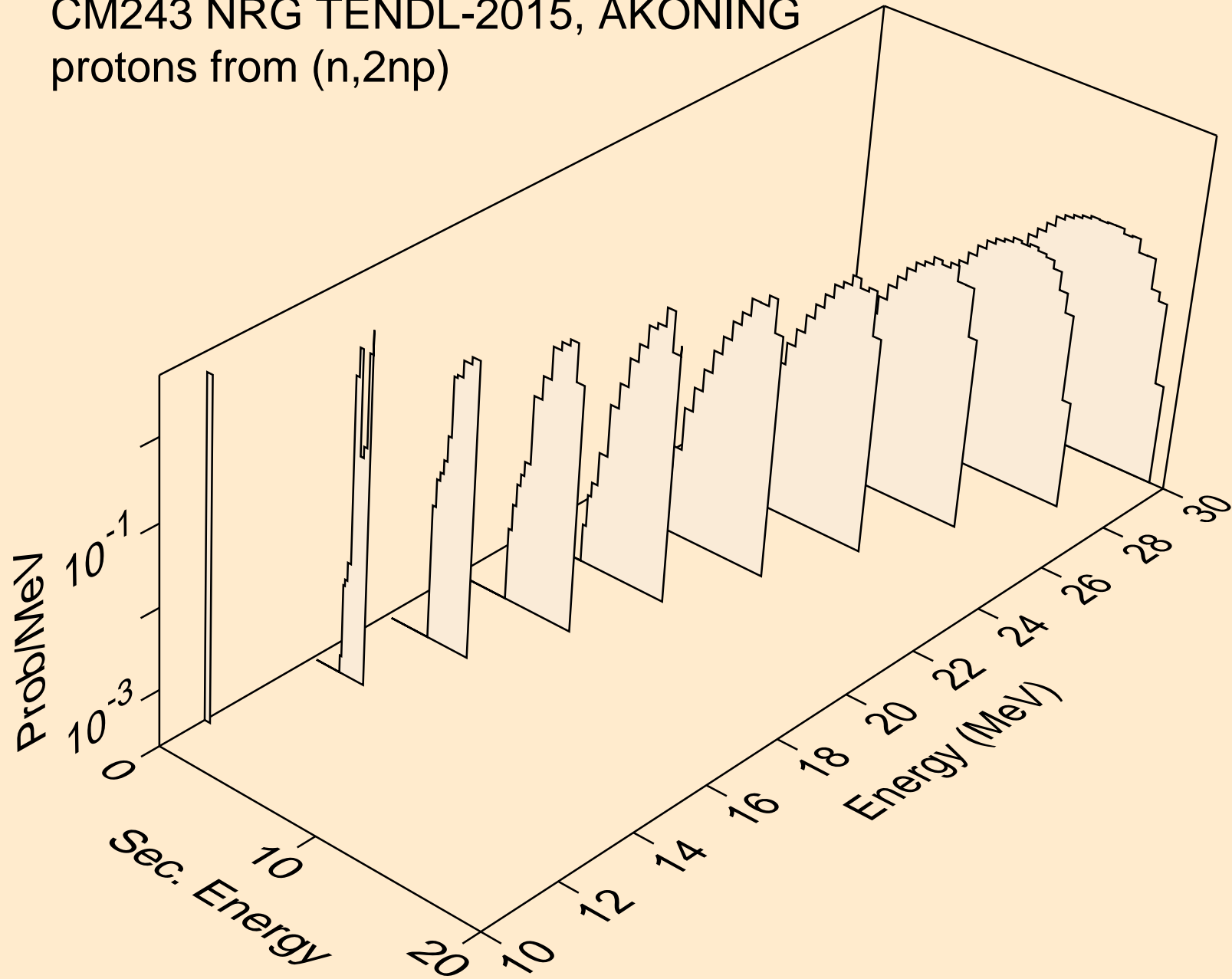




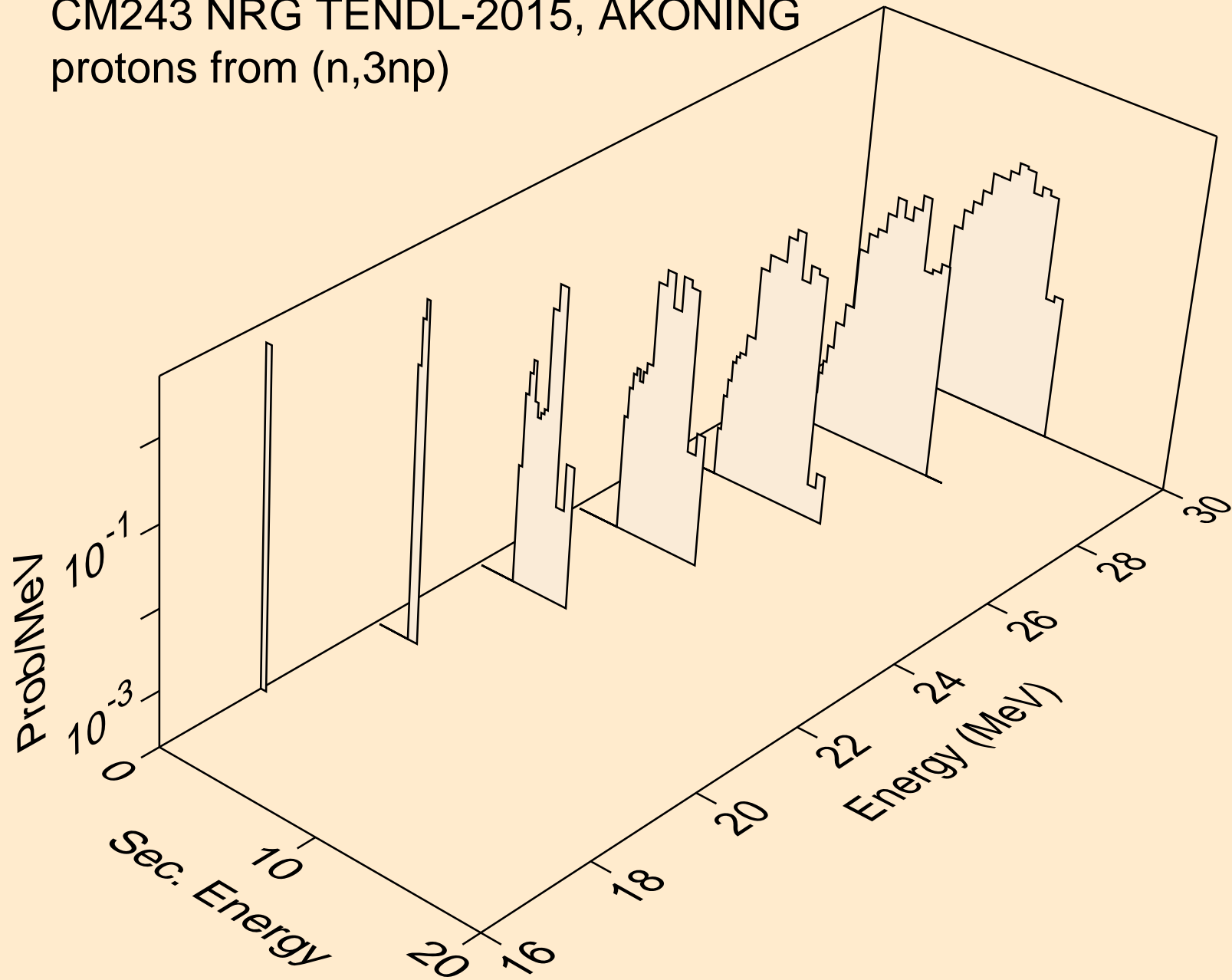
CM243 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



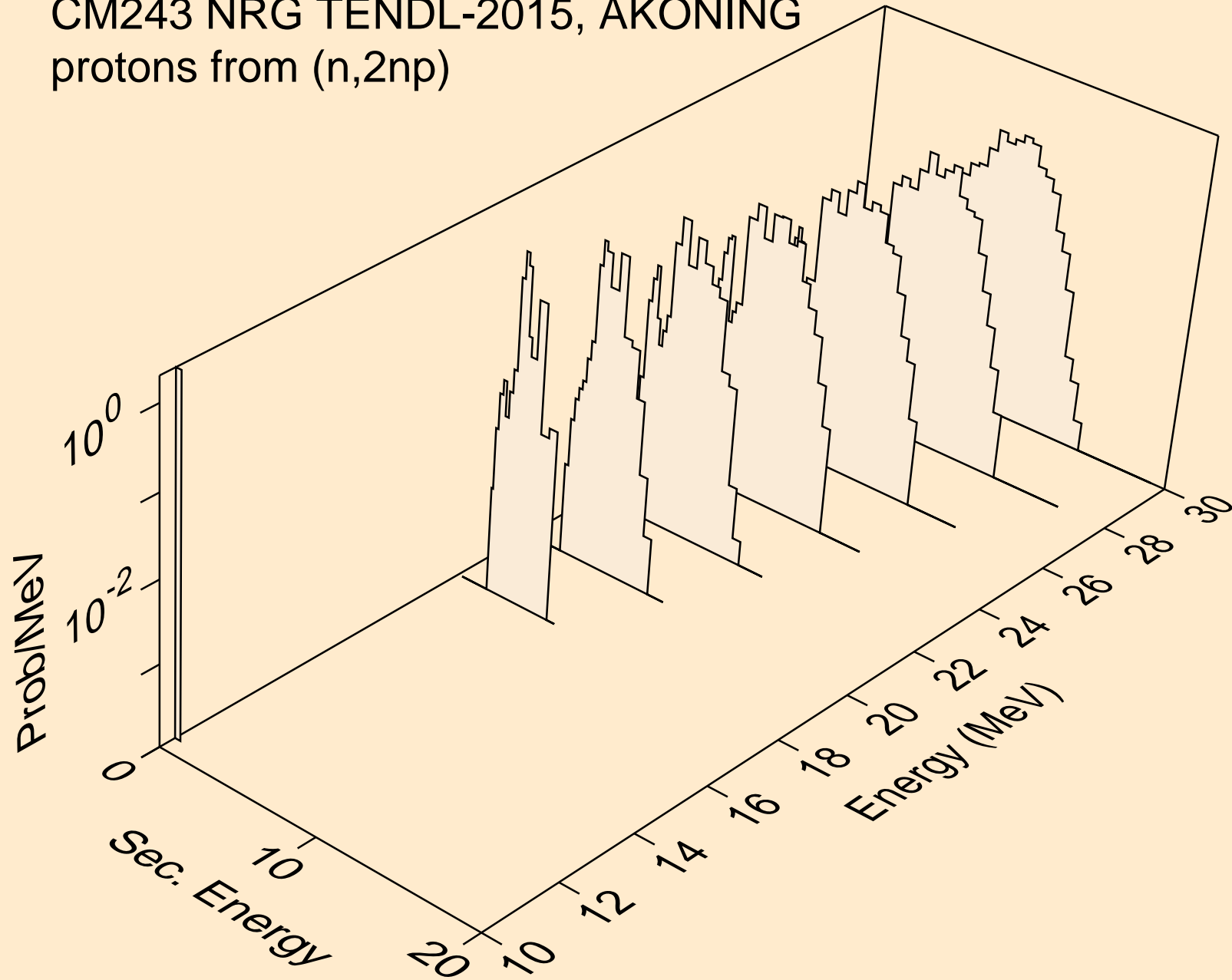
CM243 NRG TENDL-2015, AKONING  
protons from (n,2np)



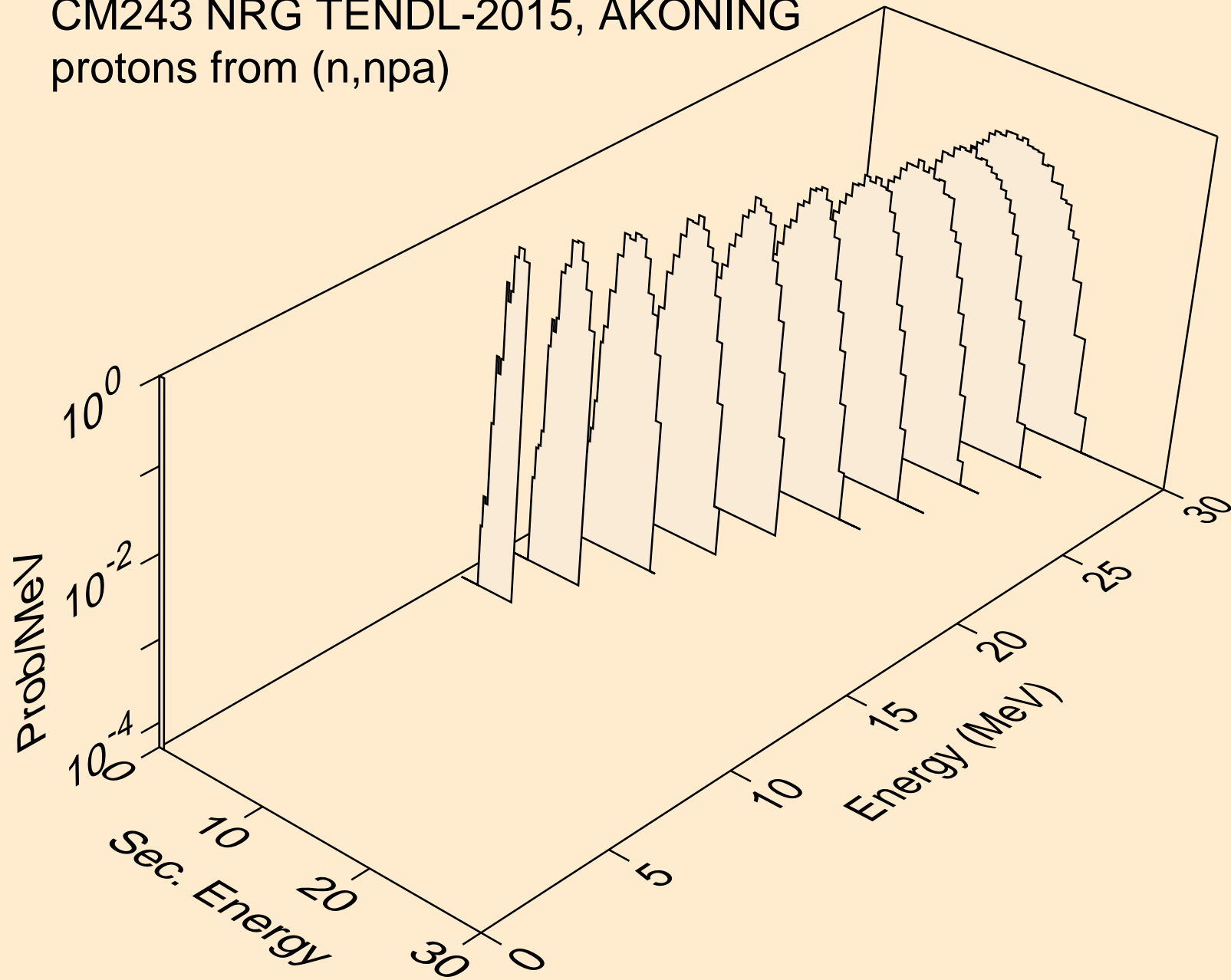
CM243 NRG TENDL-2015, AKONING  
protons from (n,3np)



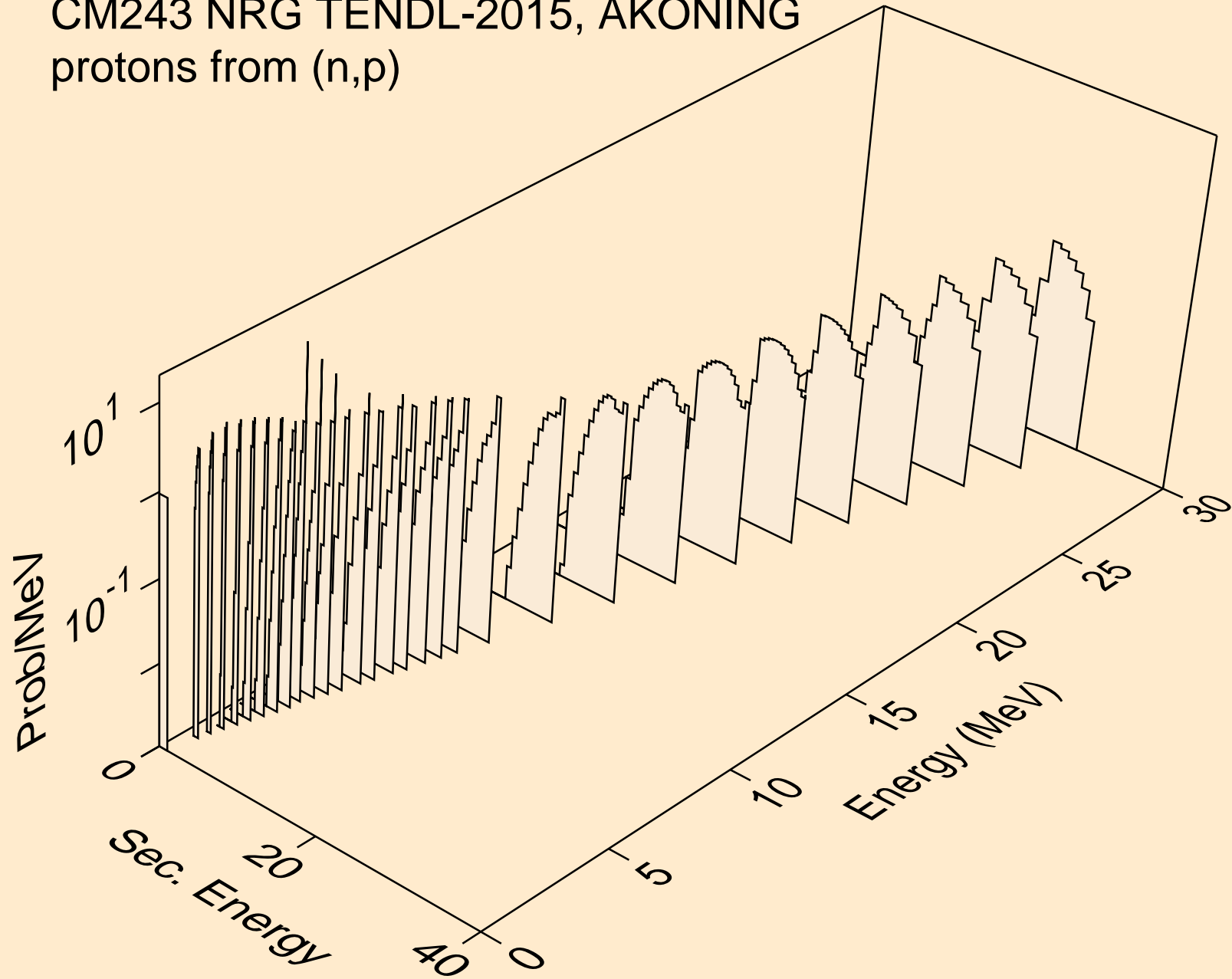
CM243 NRG TENDL-2015, AKONING  
protons from (n,2np)



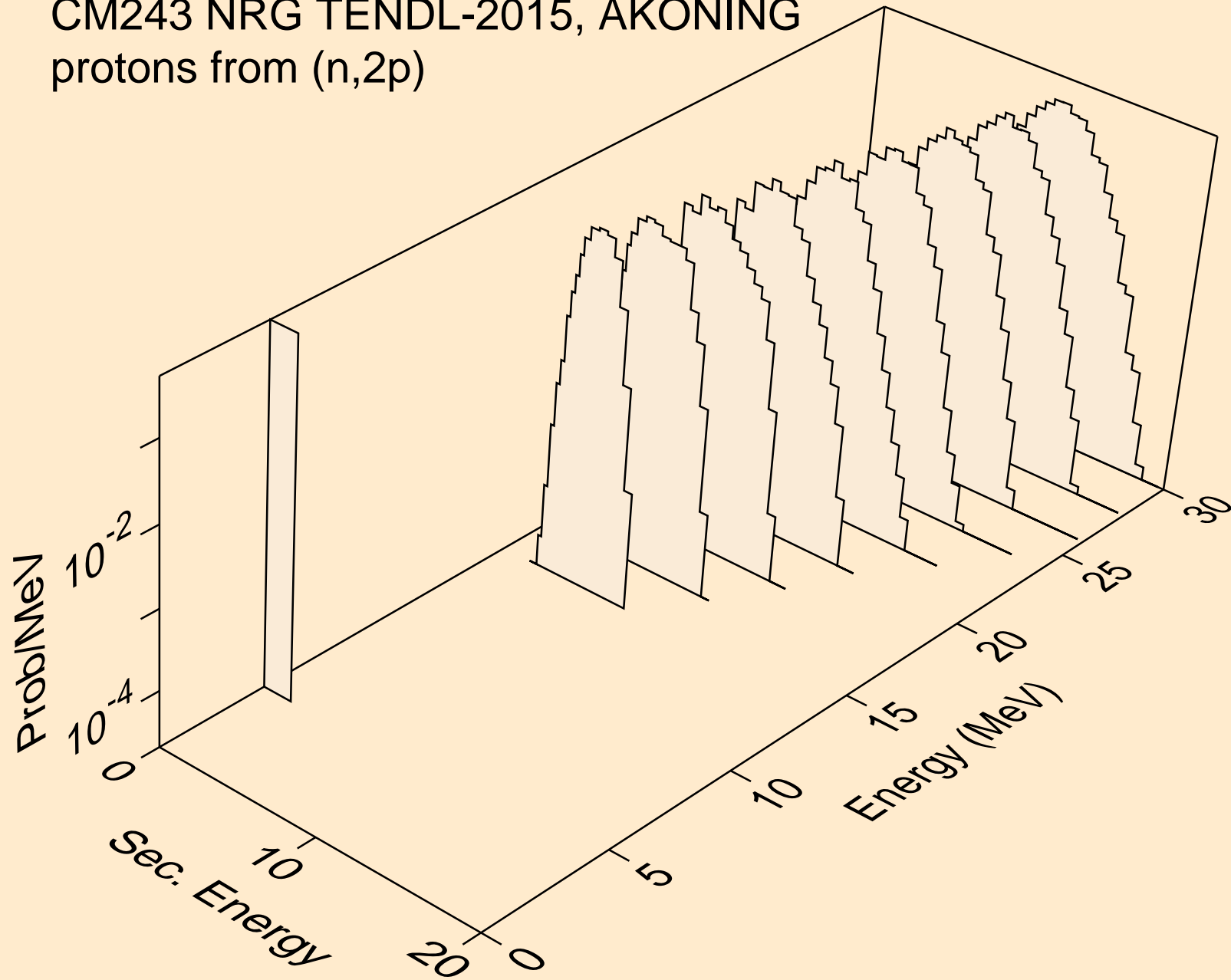
CM243 NRG TENDL-2015, AKONING  
protons from (n,npa)



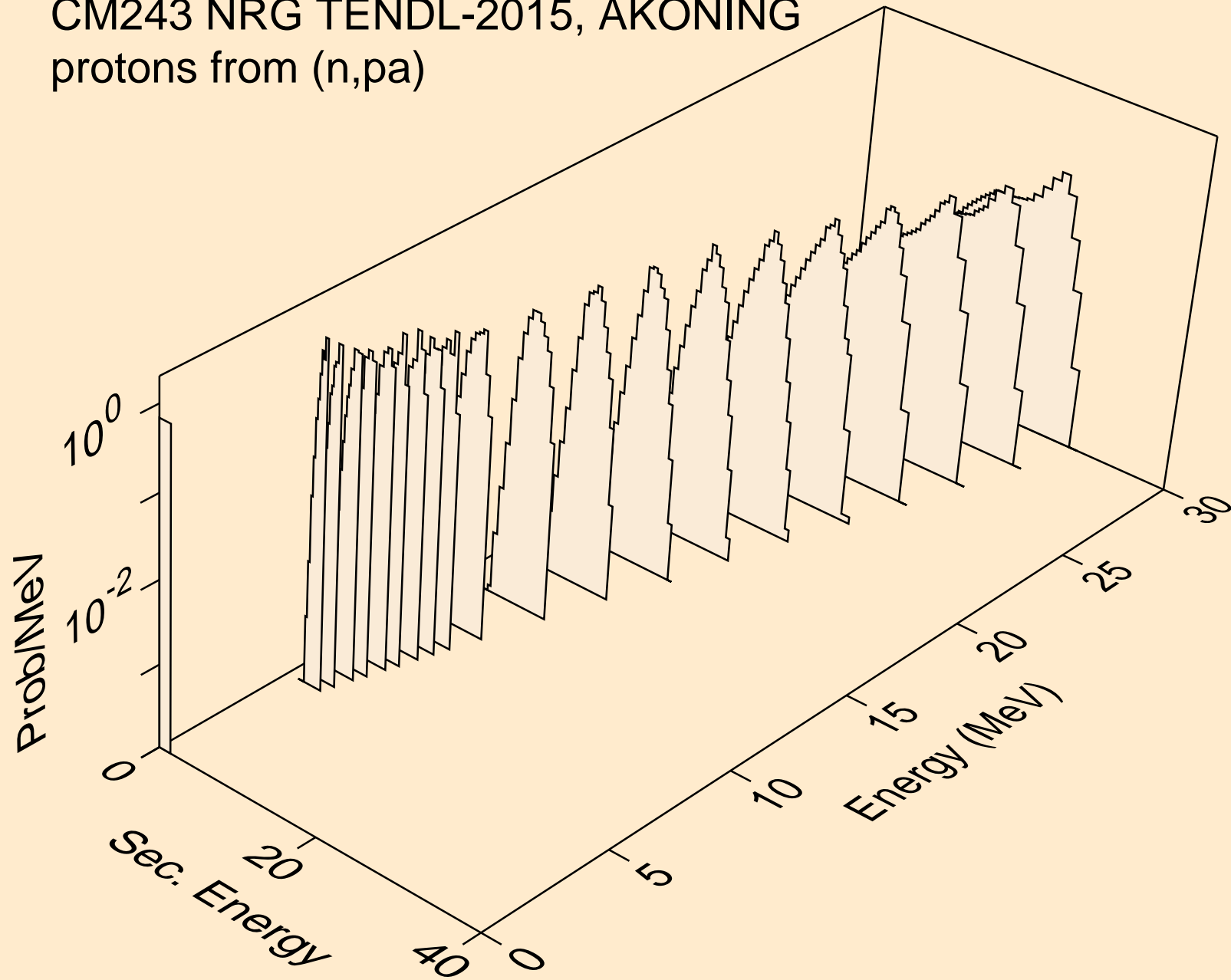
CM243 NRG TENDL-2015, AKONING  
protons from (n,p)



CM243 NRG TENDL-2015, AKONING  
protons from (n,2p)

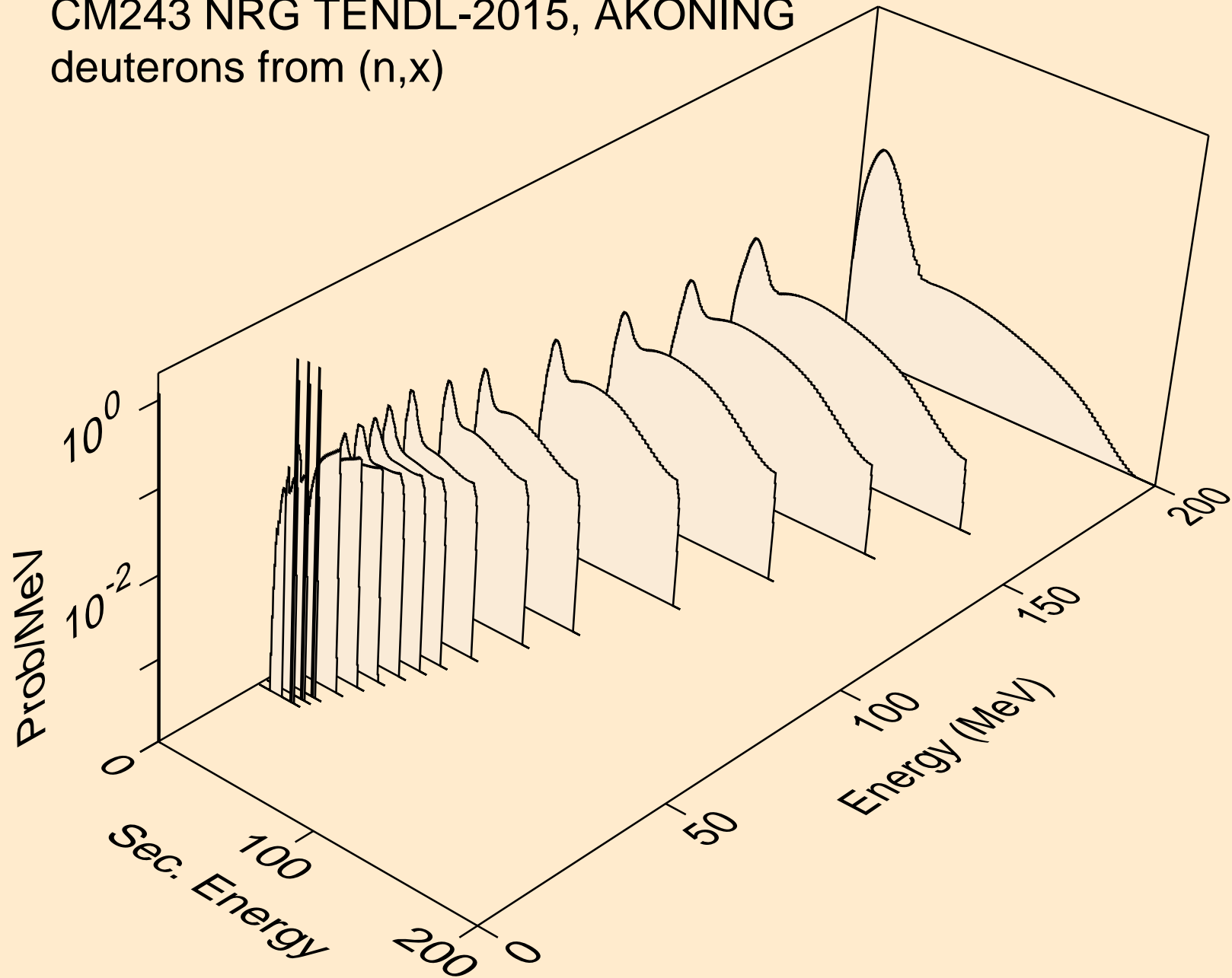


CM243 NRG TENDL-2015, AKONING  
protons from (n,pa)

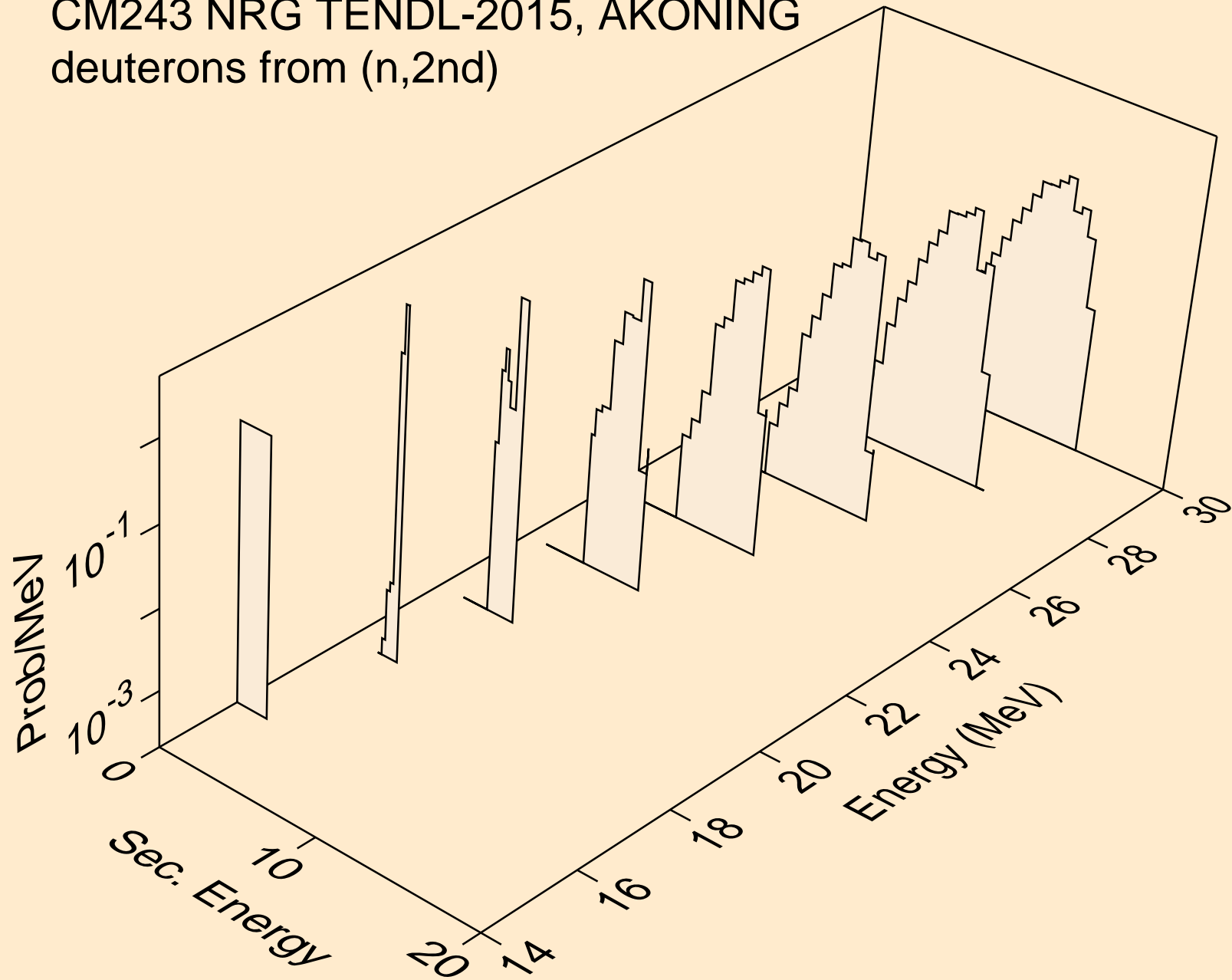




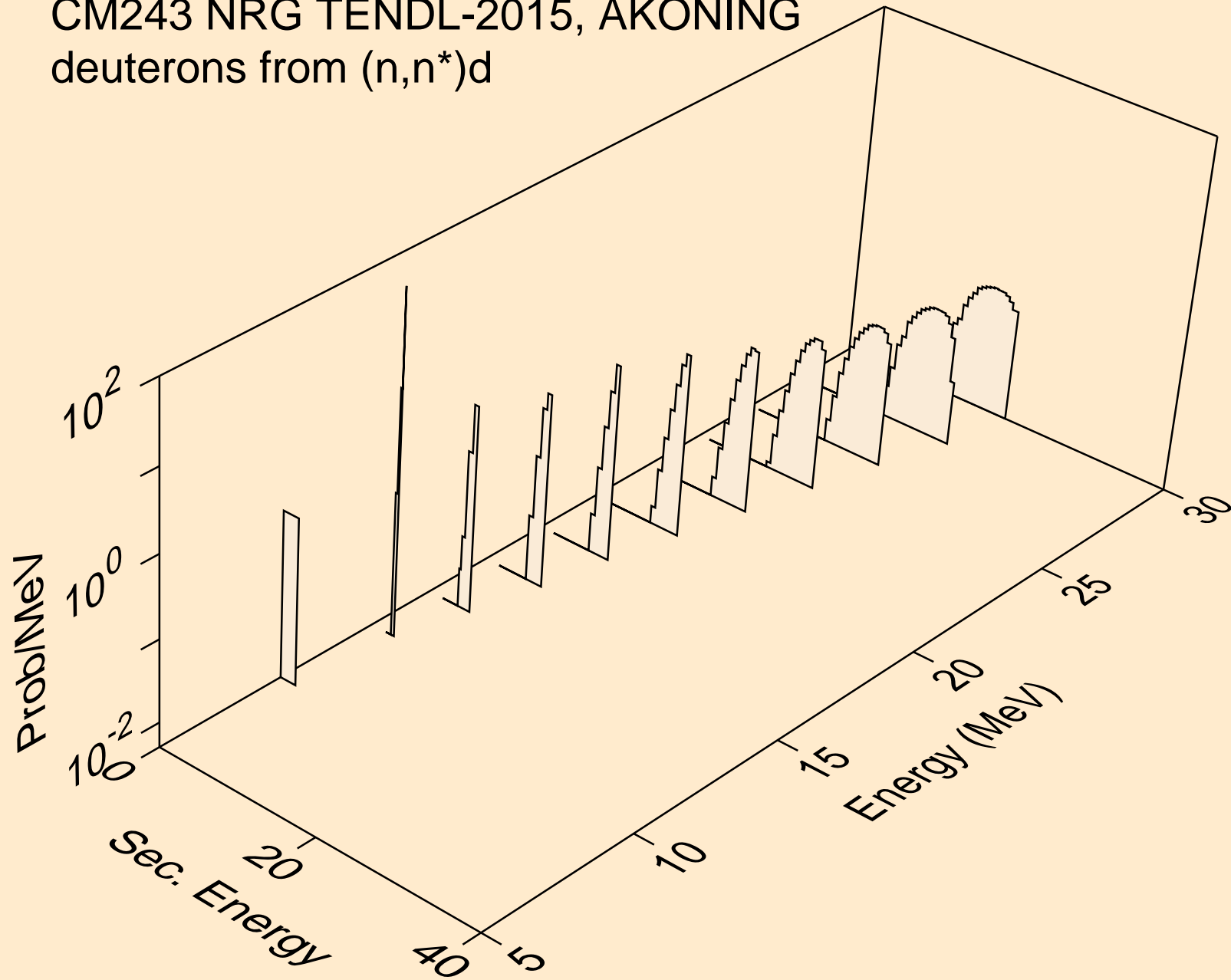
CM243 NRG TENDL-2015, AKONING  
deuterons from (n,x)



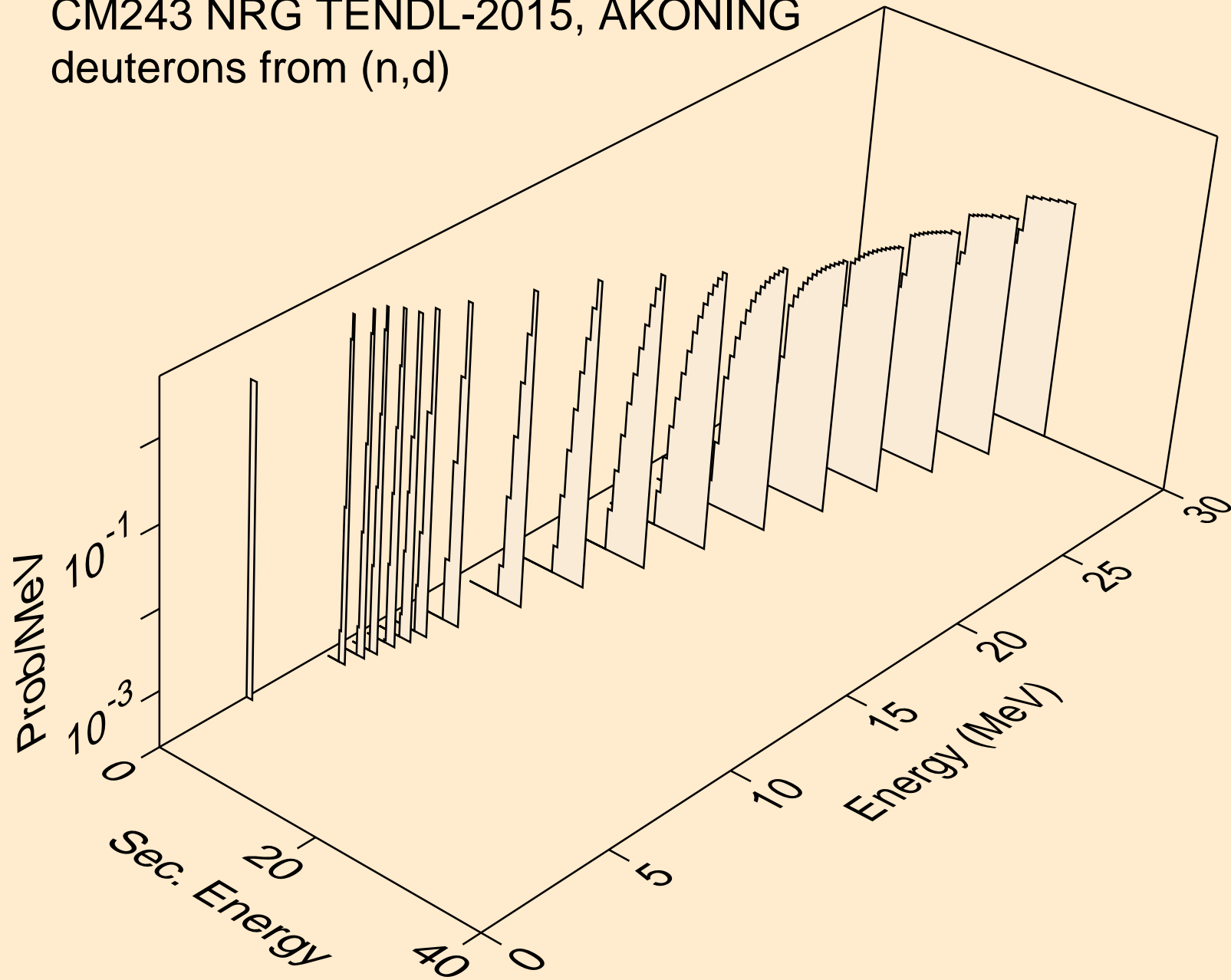
CM243 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



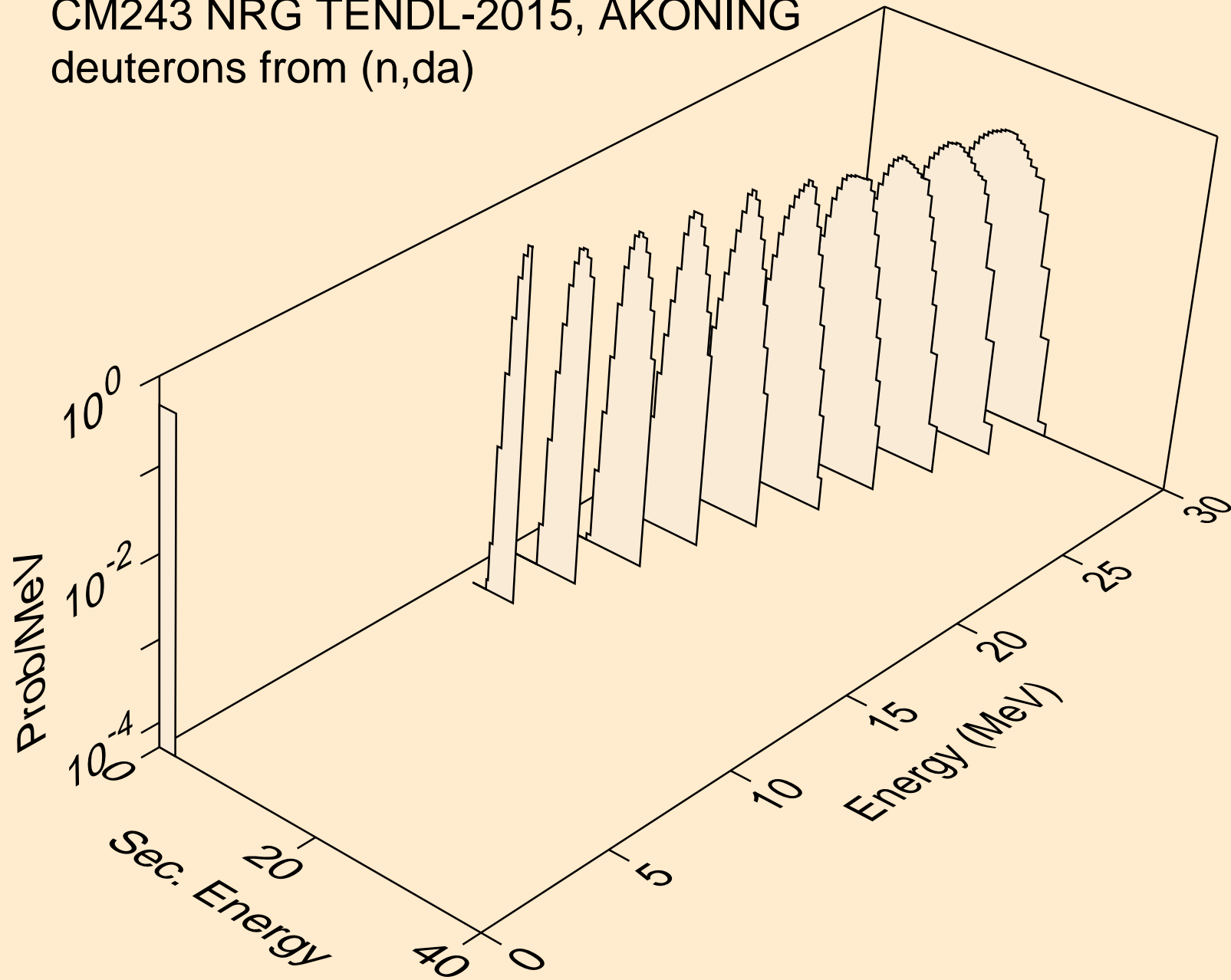
CM243 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



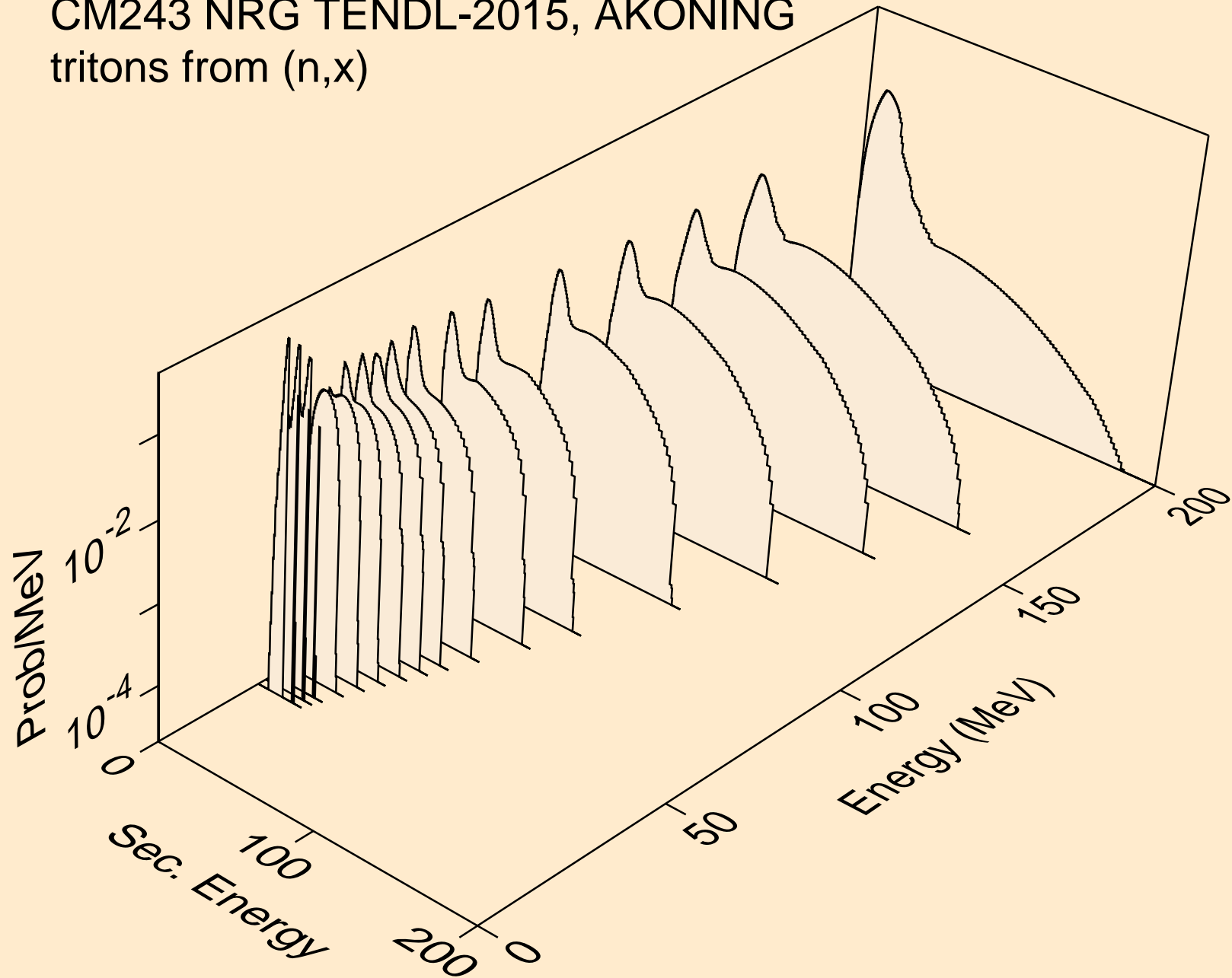
CM243 NRG TENDL-2015, AKONING  
deuterons from (n,d)



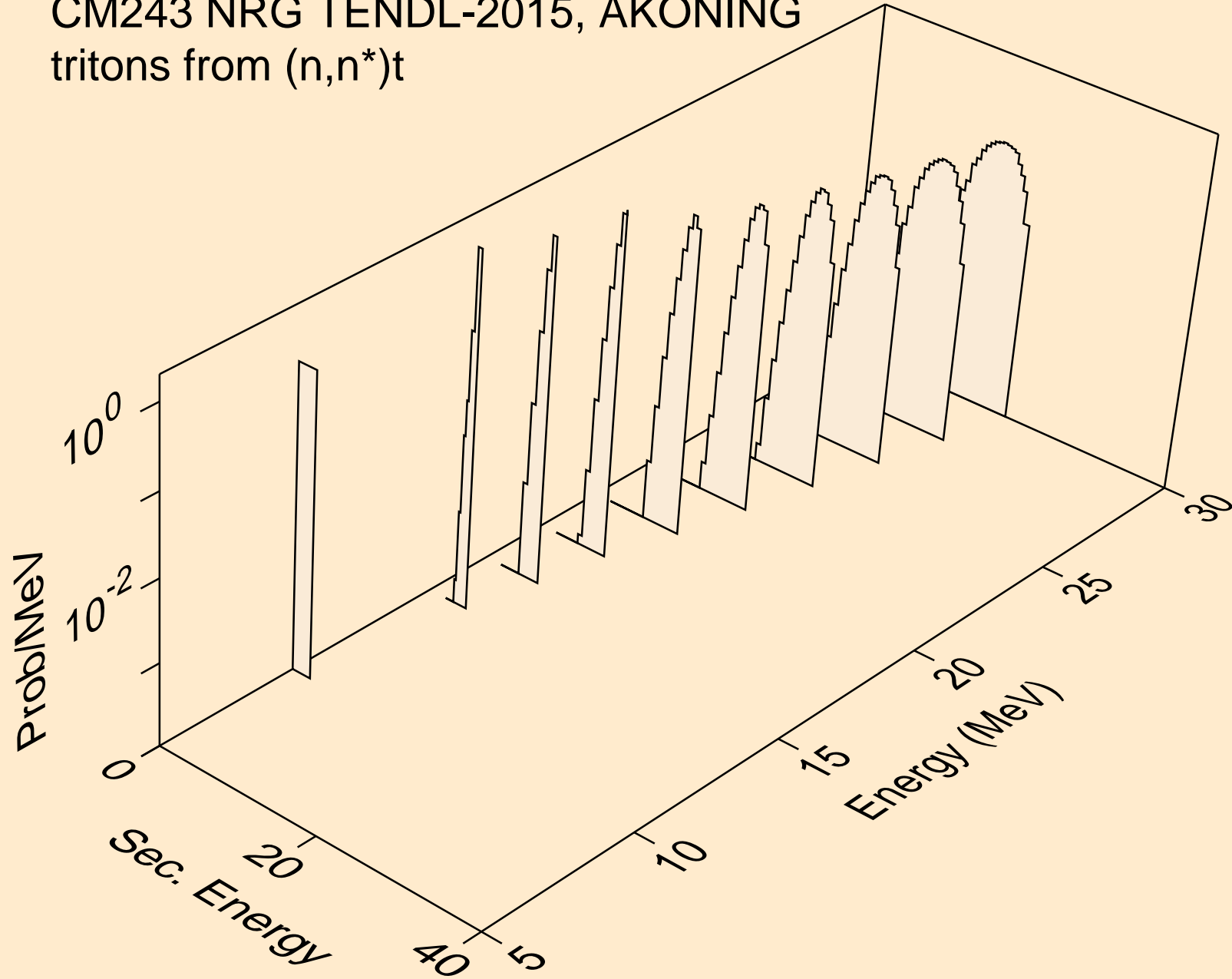
CM243 NRG TENDL-2015, AKONING  
deuterons from (n,da)



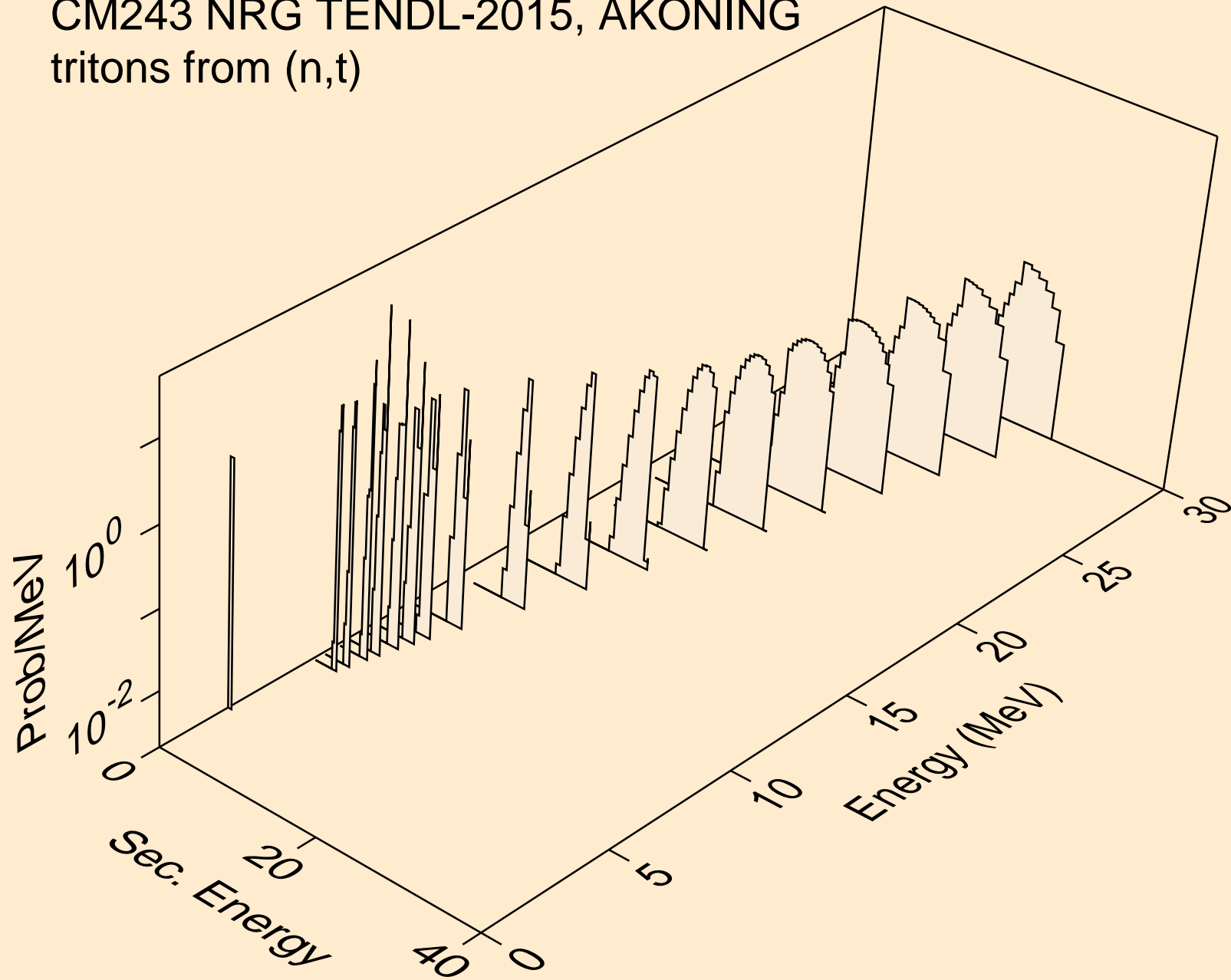
CM243 NRG TENDL-2015, AKONING  
tritons from (n,x)



CM243 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t

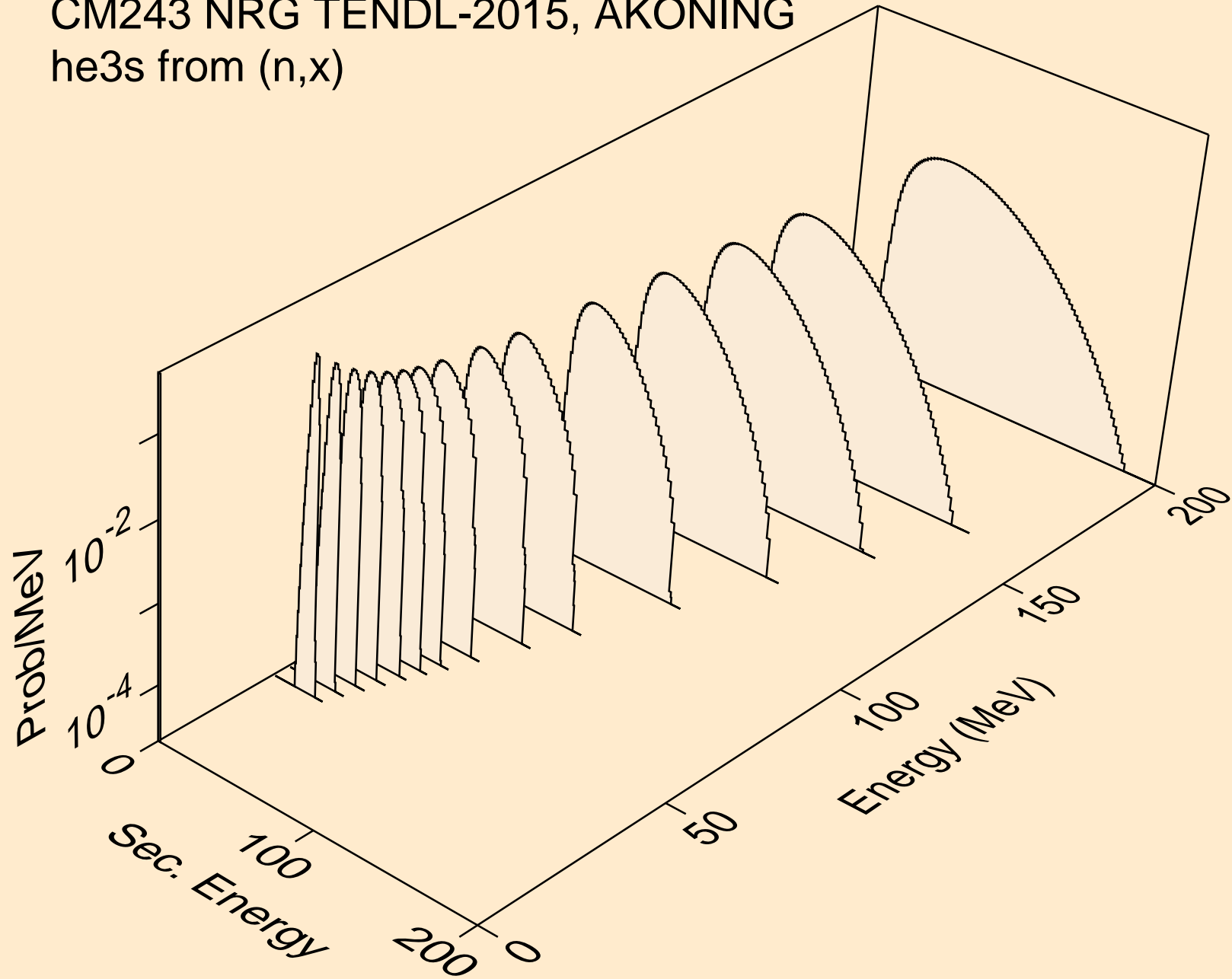


CM243 NRG TENDL-2015, AKONING  
tritons from (n,t)

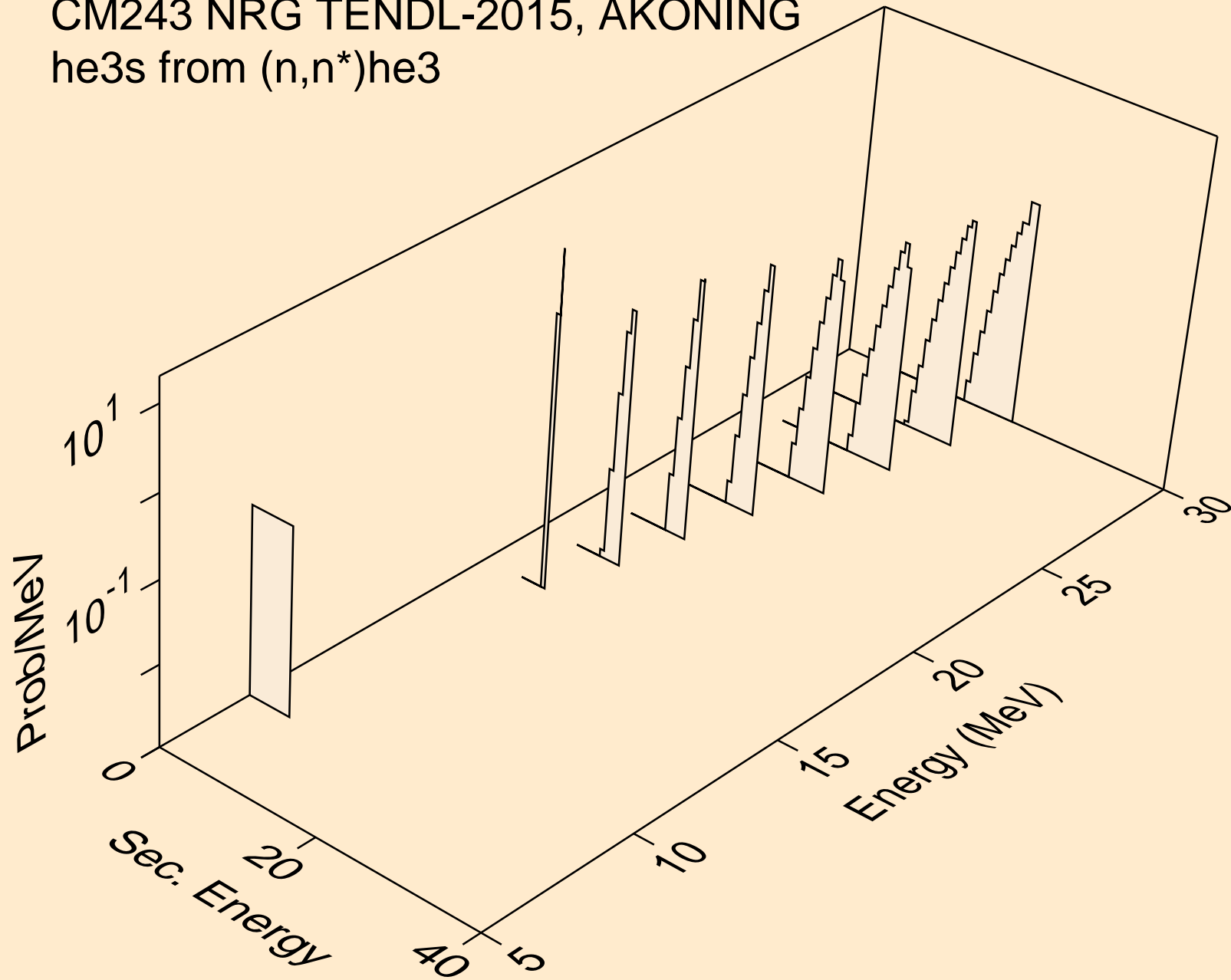




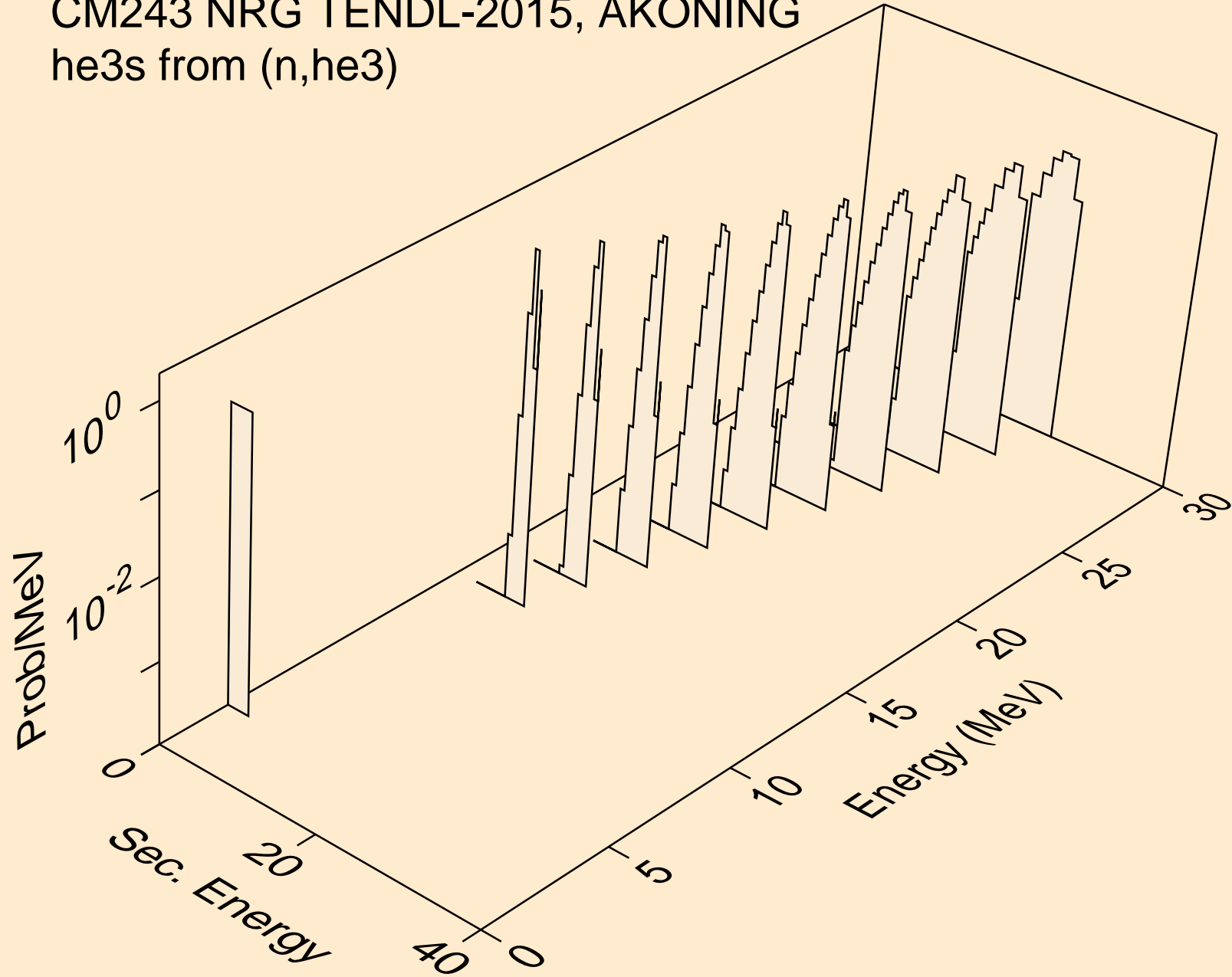
CM243 NRG TENDL-2015, AKONING  
he3s from (n,x)



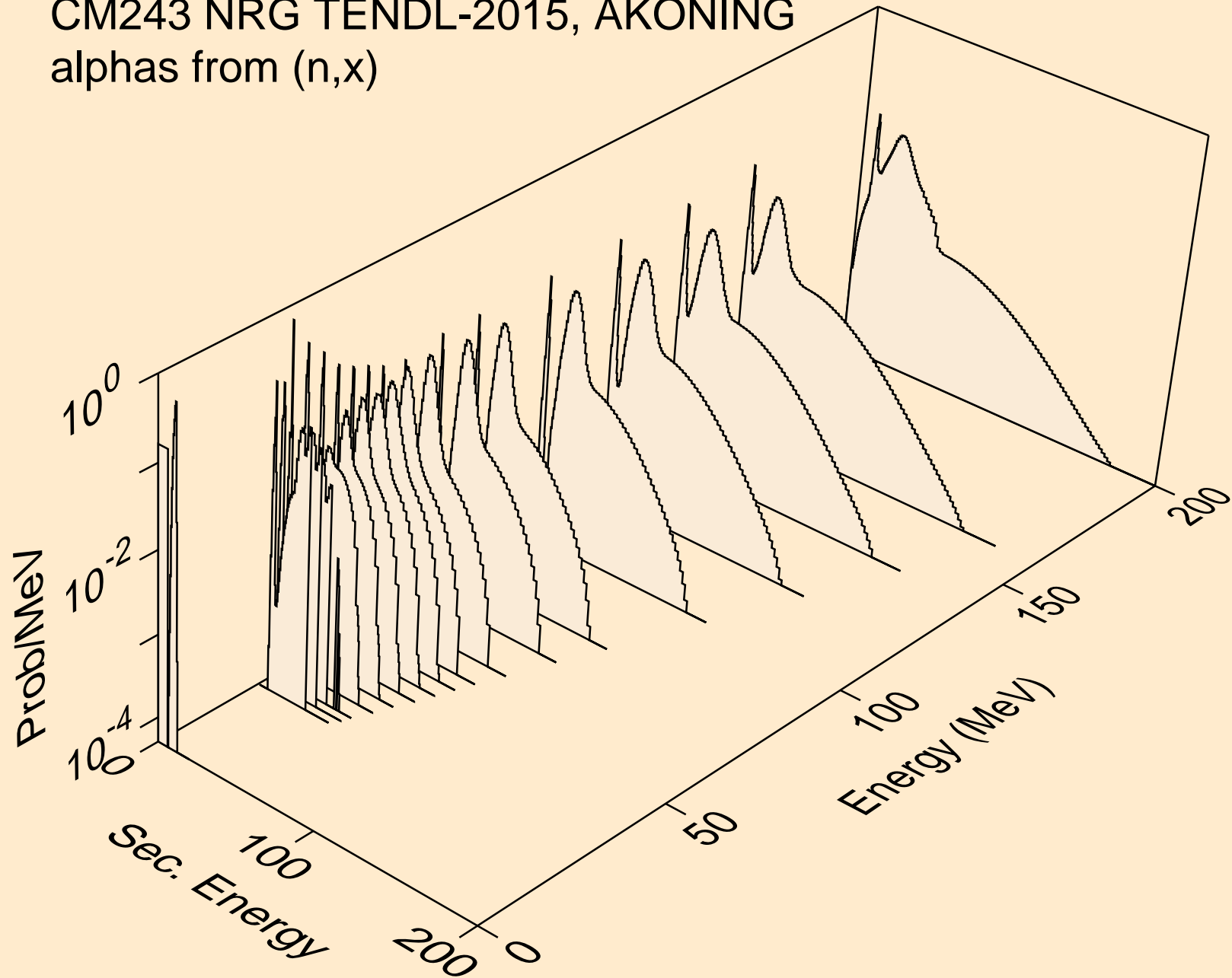
CM243 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



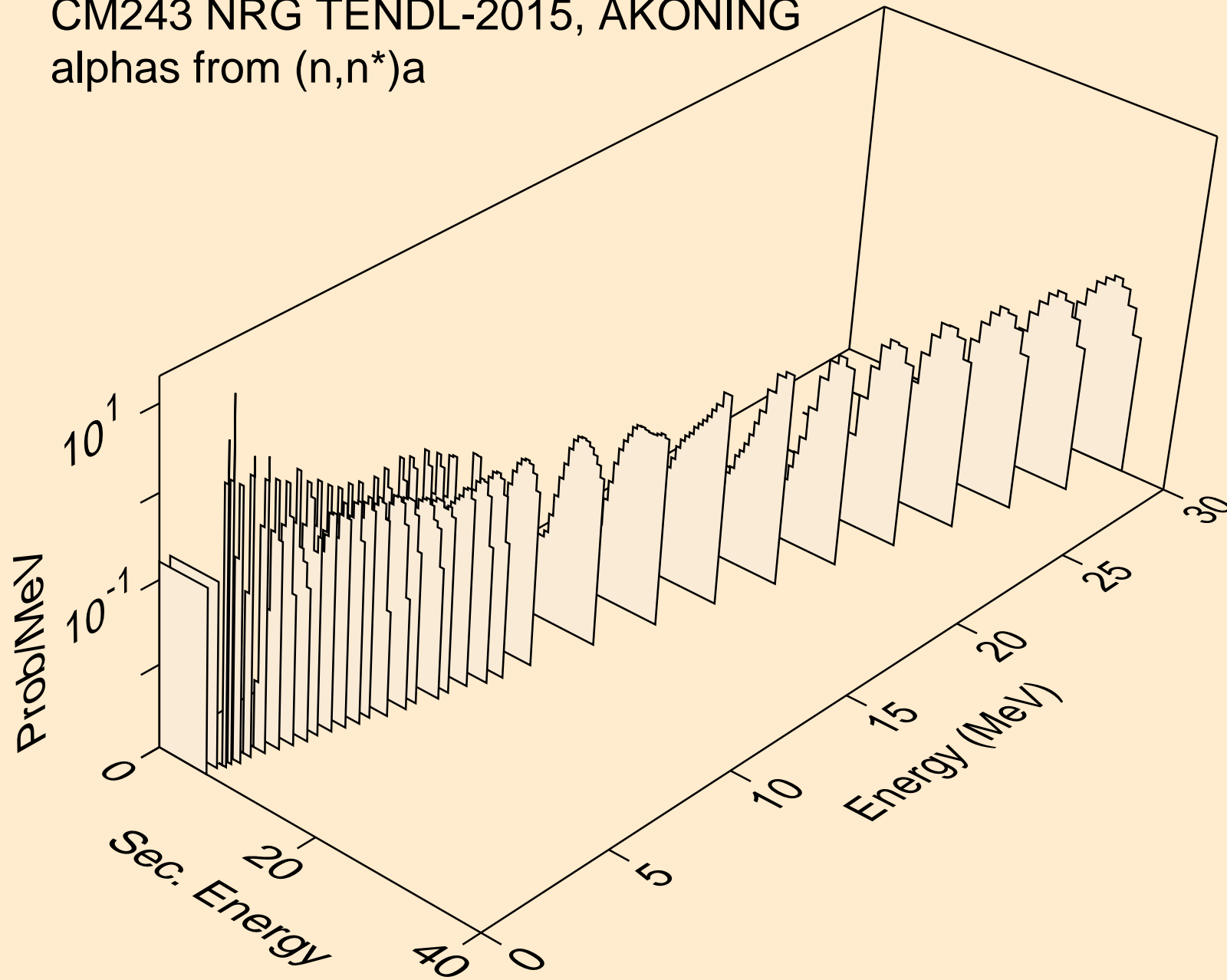
CM243 NRG TENDL-2015, AKONING  
he3s from (n,he3)



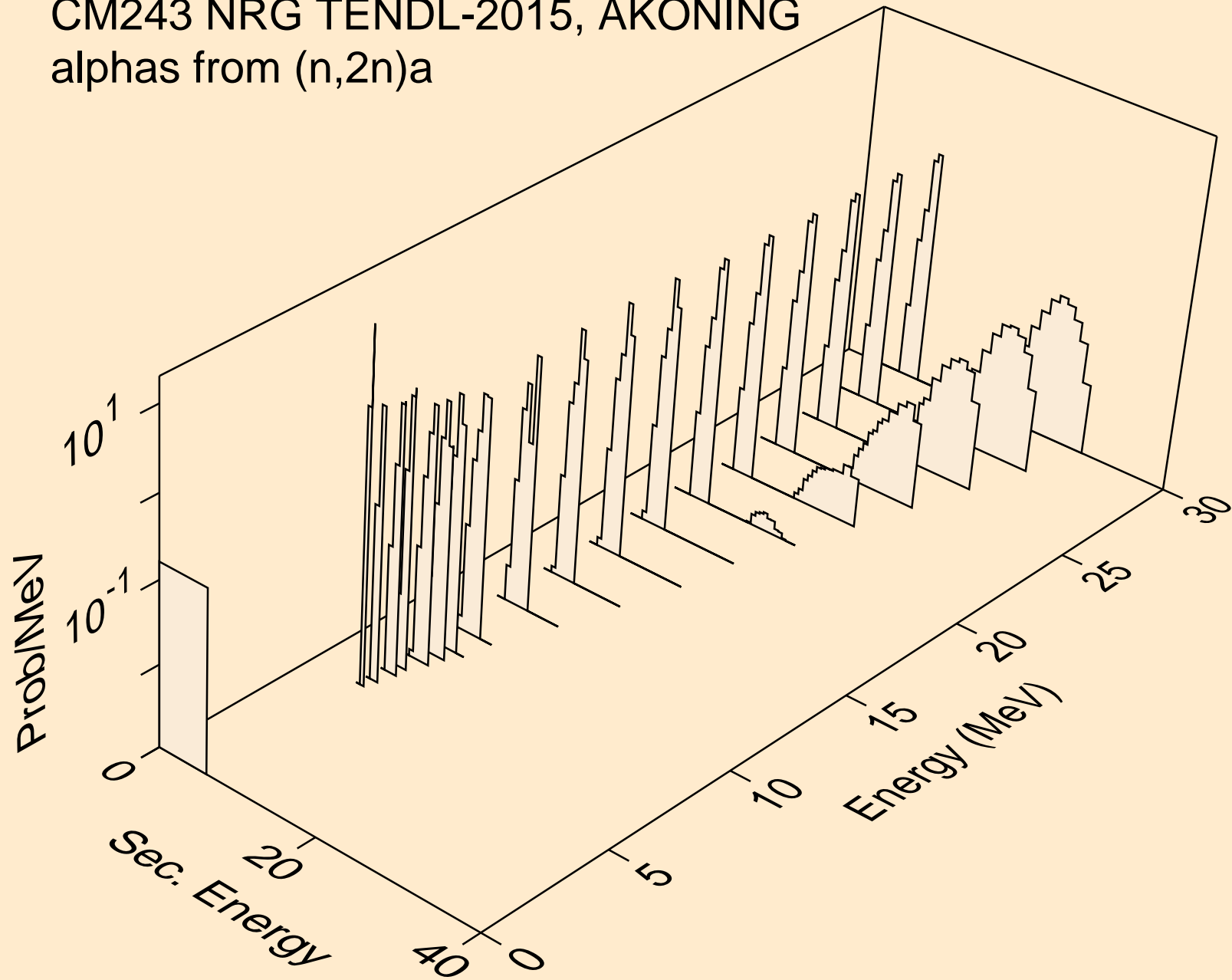
CM243 NRG TENDL-2015, AKONING  
alphas from (n,x)



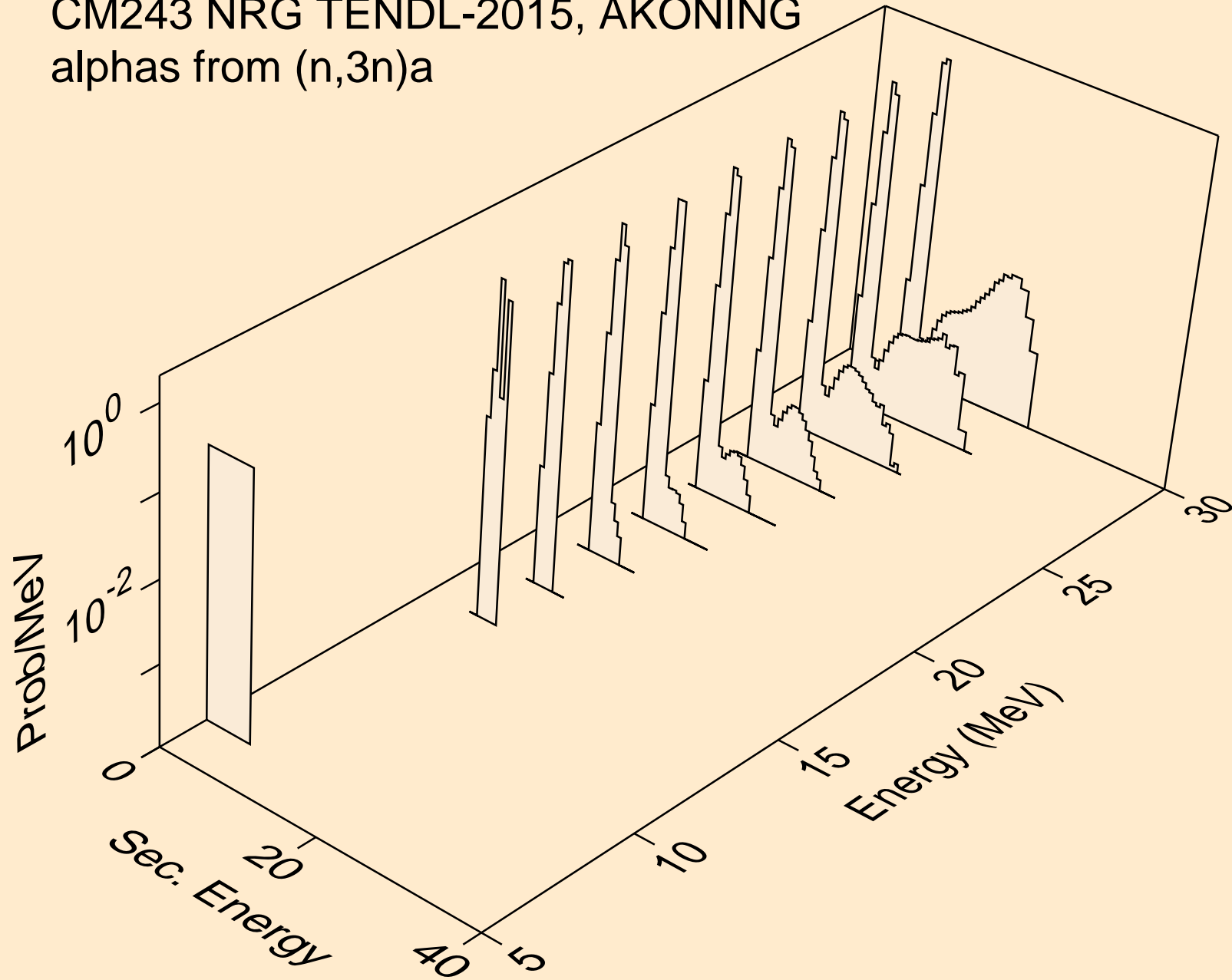
CM243 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



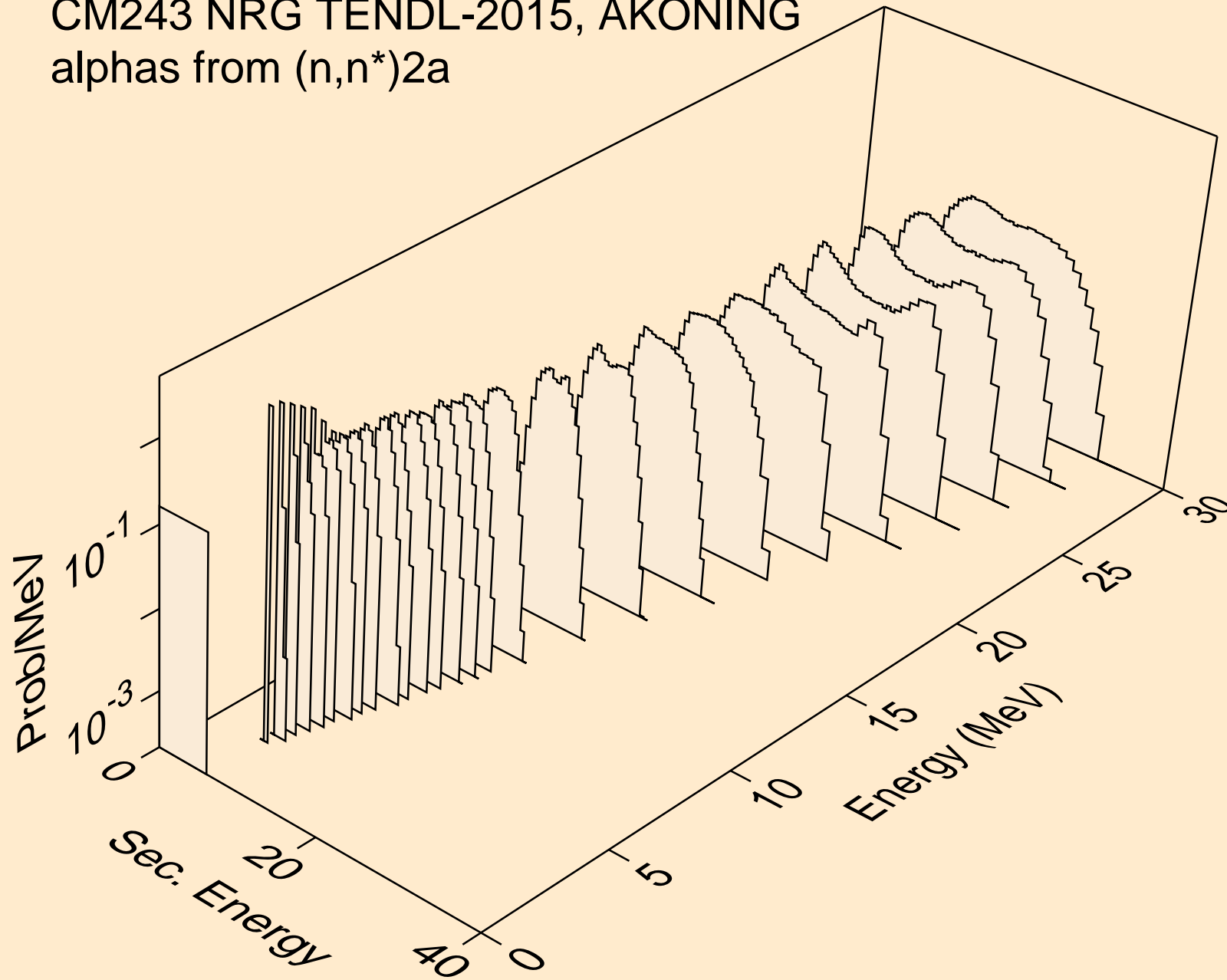
CM243 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



CM243 NRG TENDL-2015, AKONING  
alphas from (n,3n)a

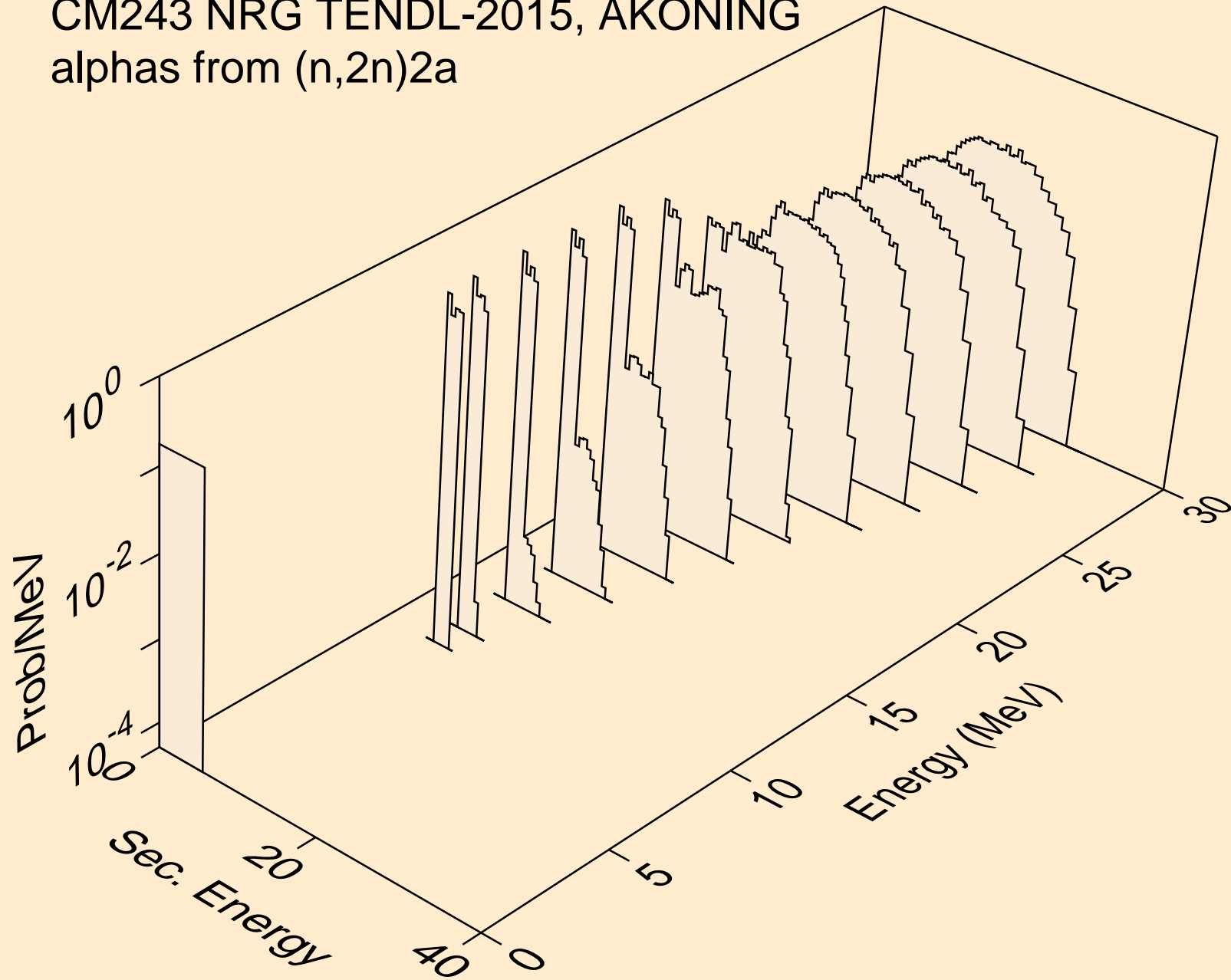


CM243 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a

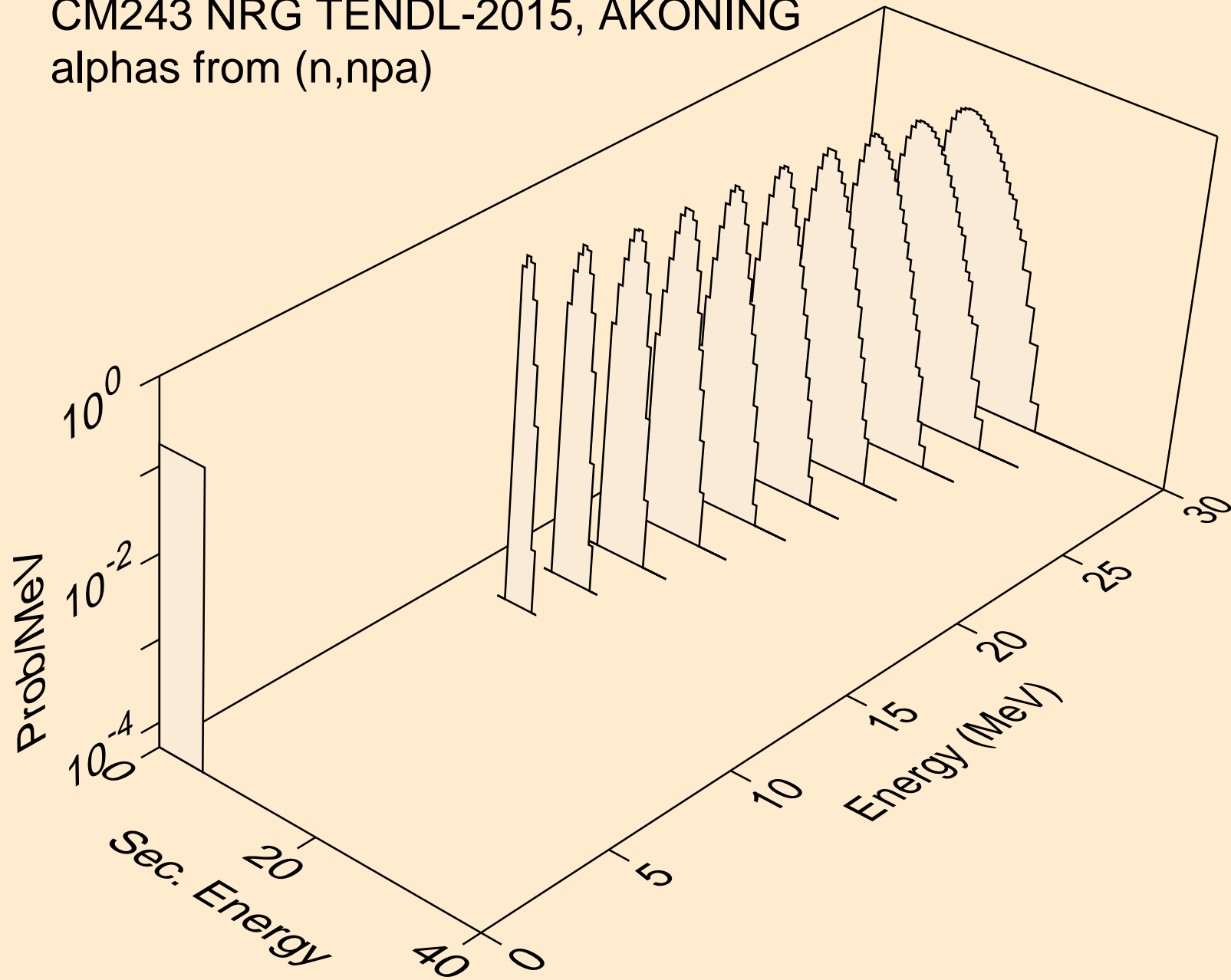




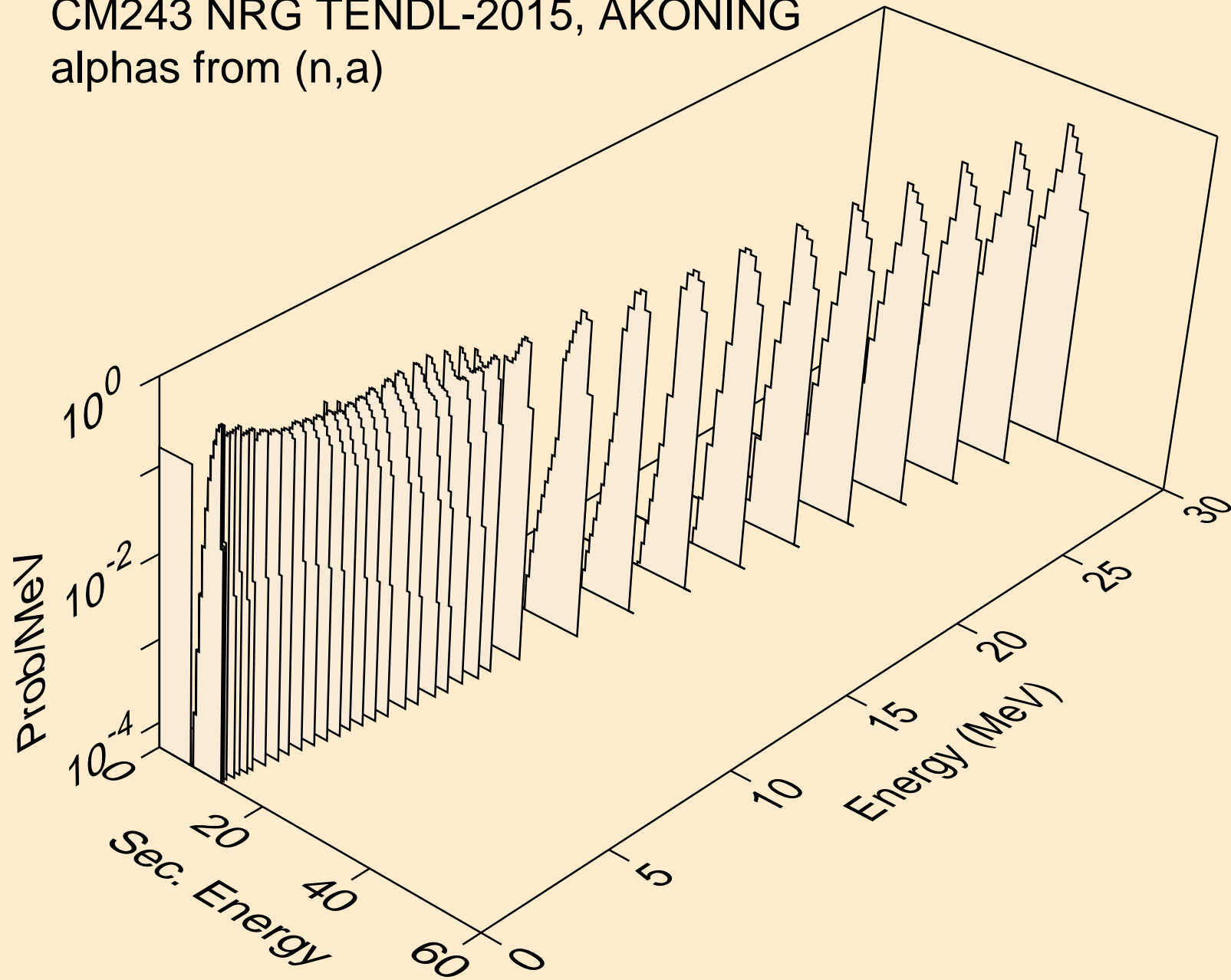
CM243 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



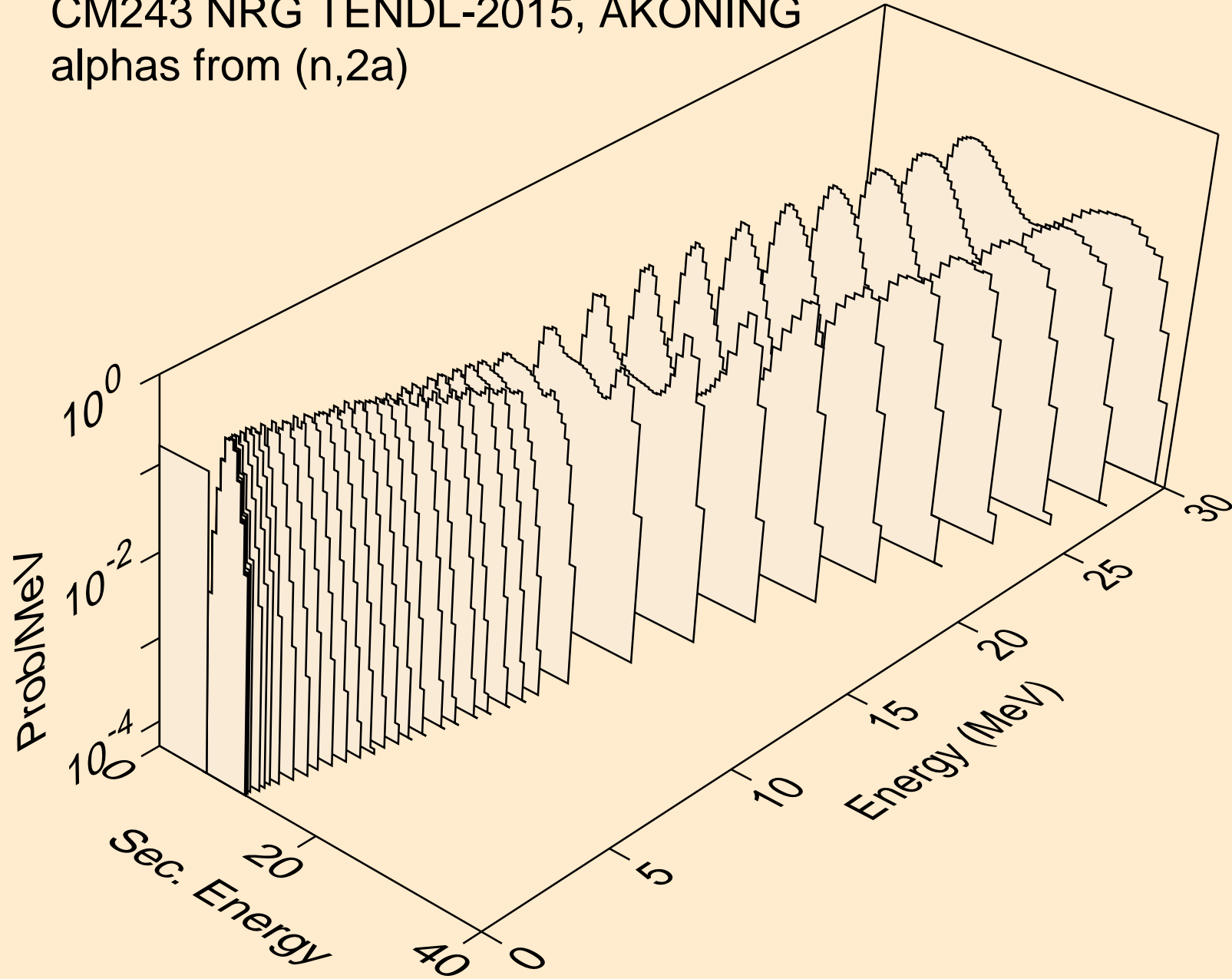
CM243 NRG TENDL-2015, AKONING  
alphas from (n,npa)



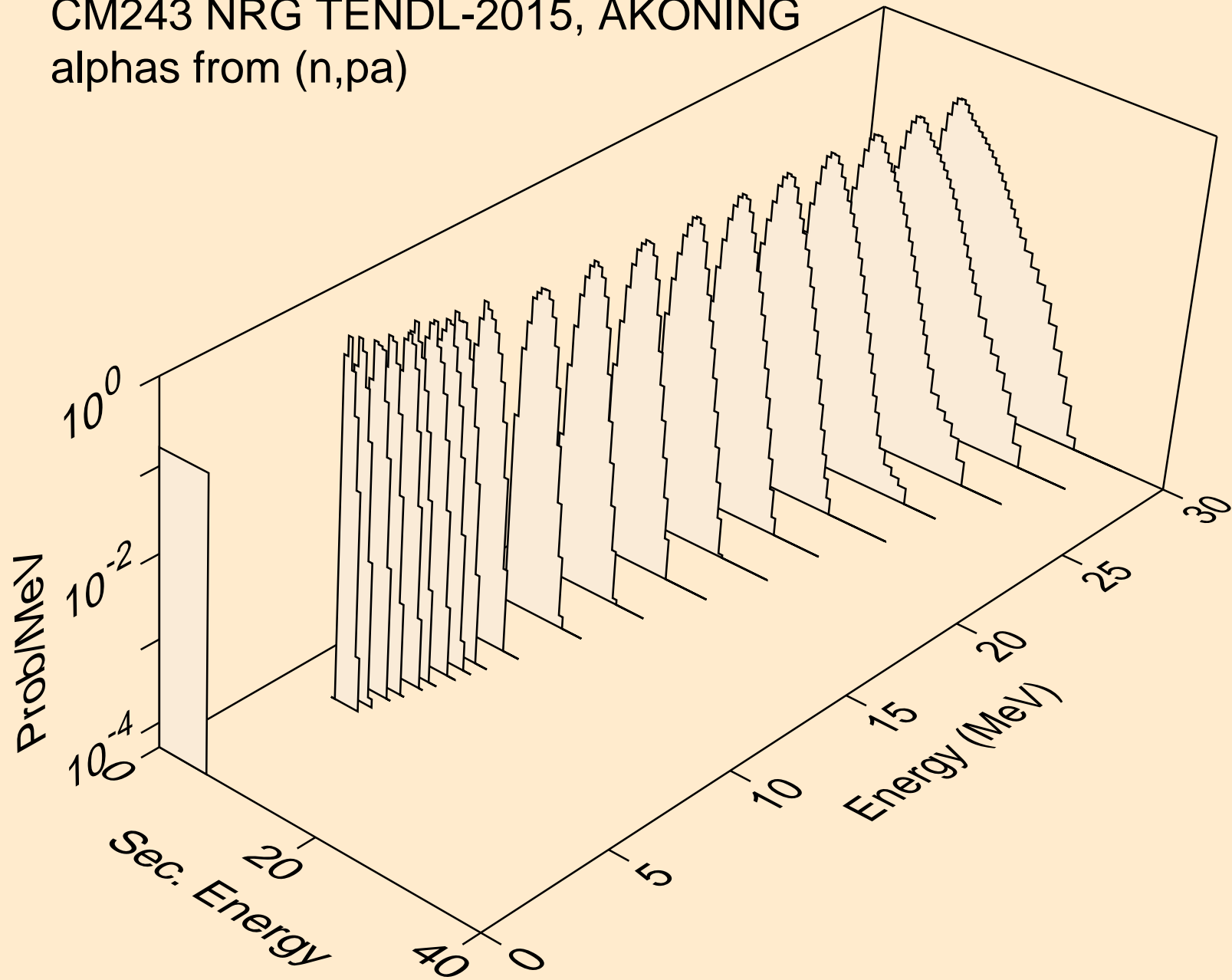
CM243 NRG TENDL-2015, AKONING  
alphas from (n,a)



CM243 NRG TENDL-2015, AKONING  
alphas from (n,2a)



CM243 NRG TENDL-2015, AKONING  
alphas from (n,pa)



CM243 NRG TENDL-2015, AKONING  
alphas from (n,da)

