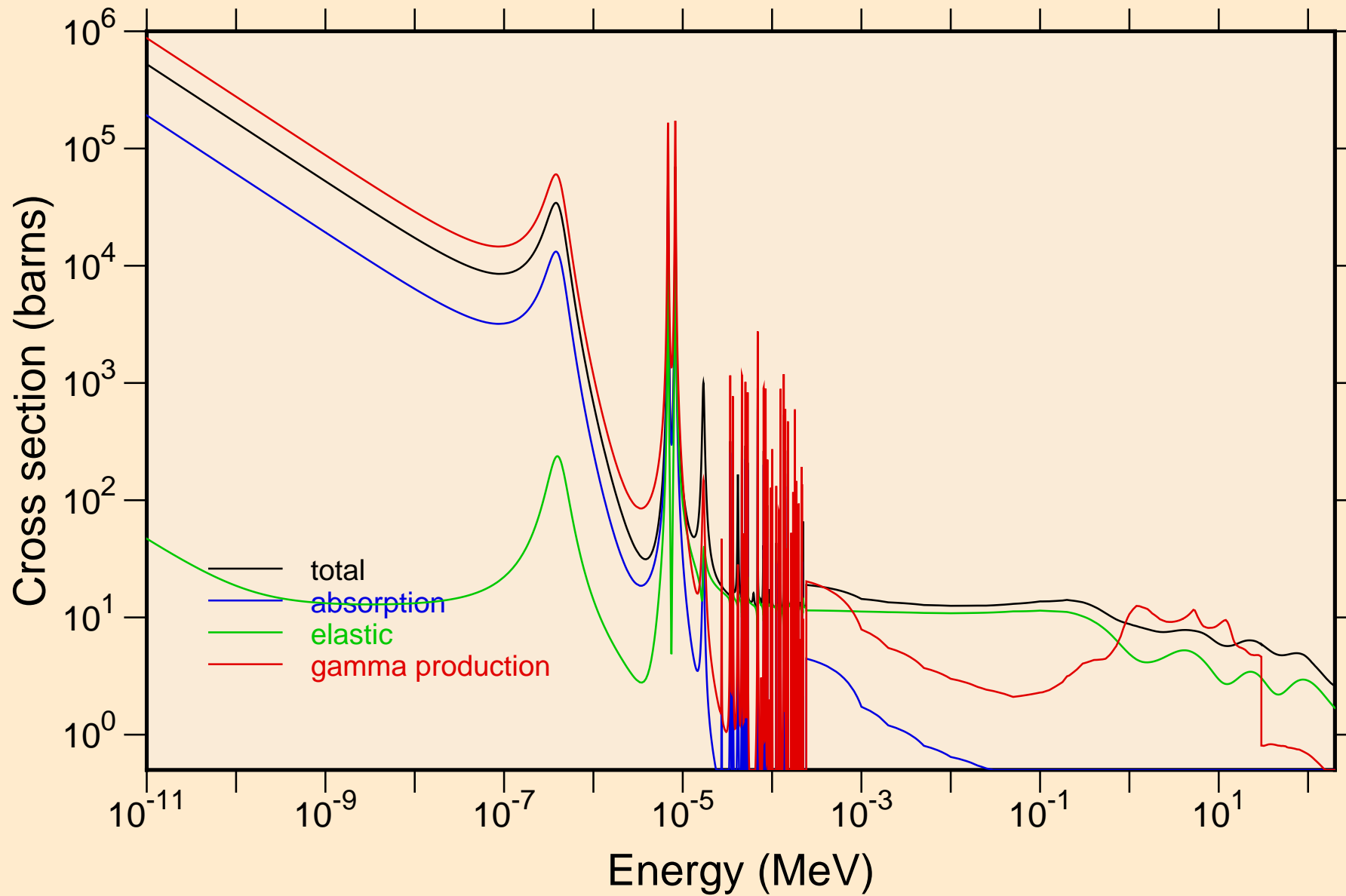
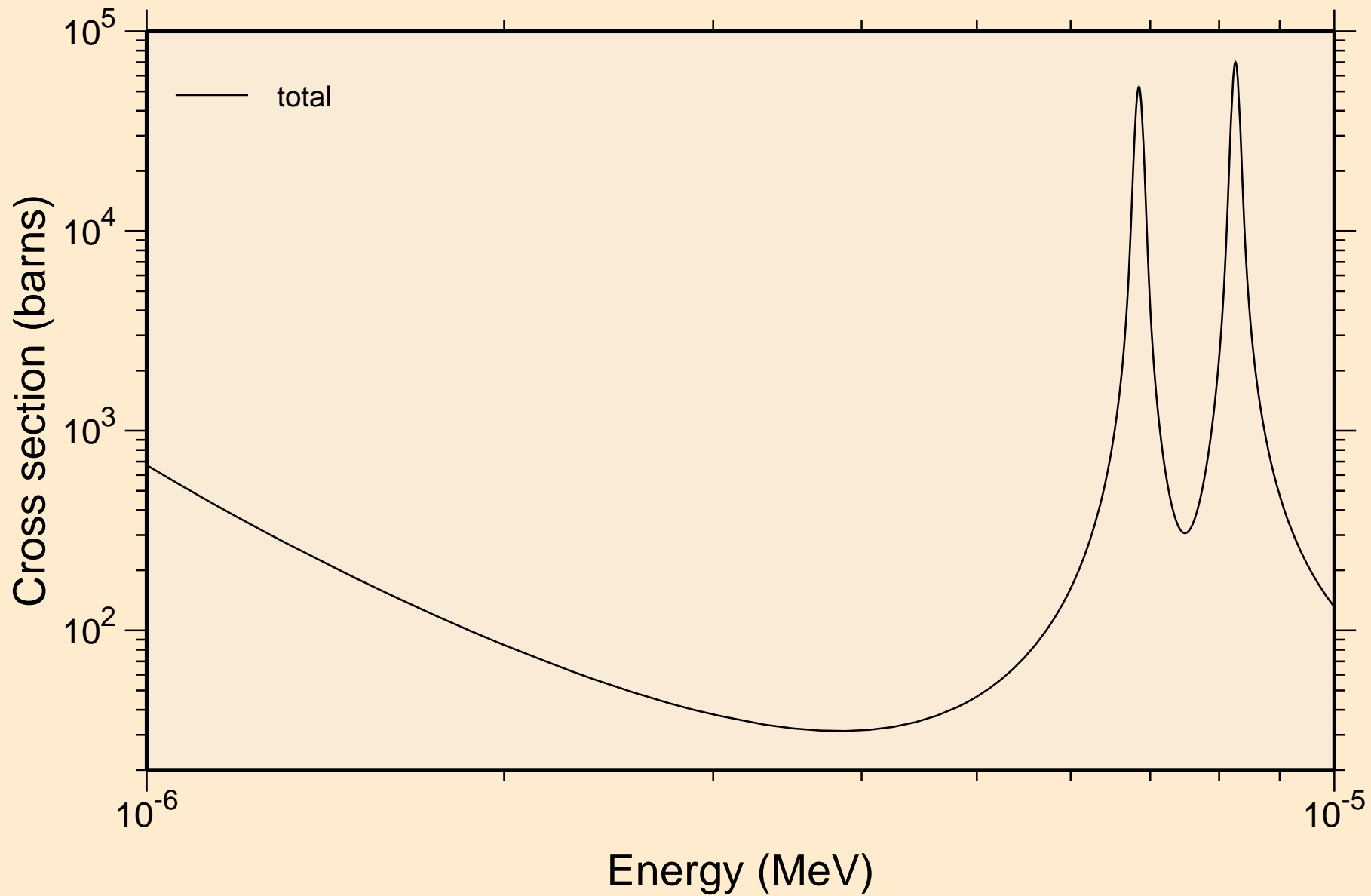


# CF251 NRG TENDL-2015, AKONING

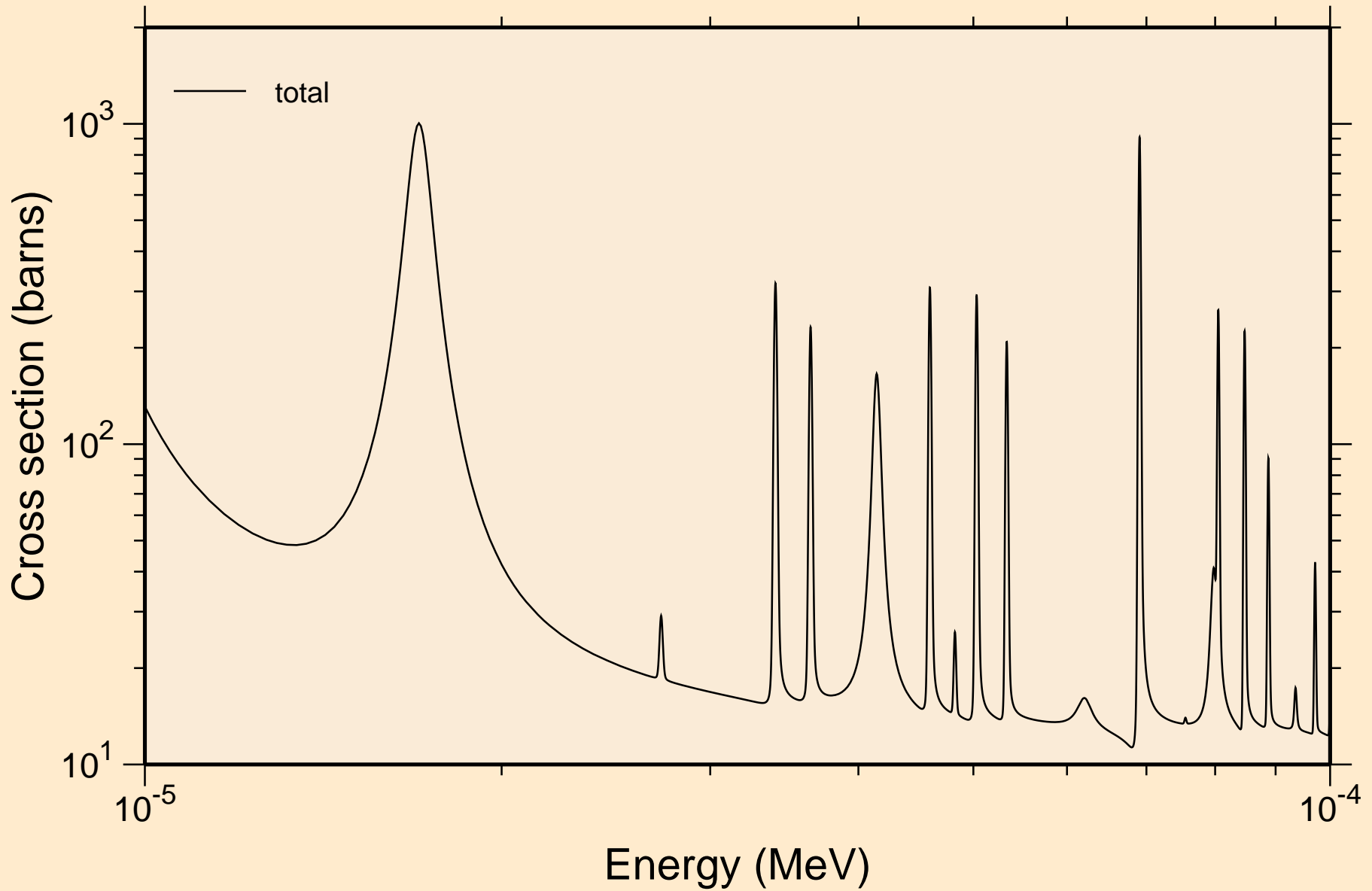
## Principal cross sections



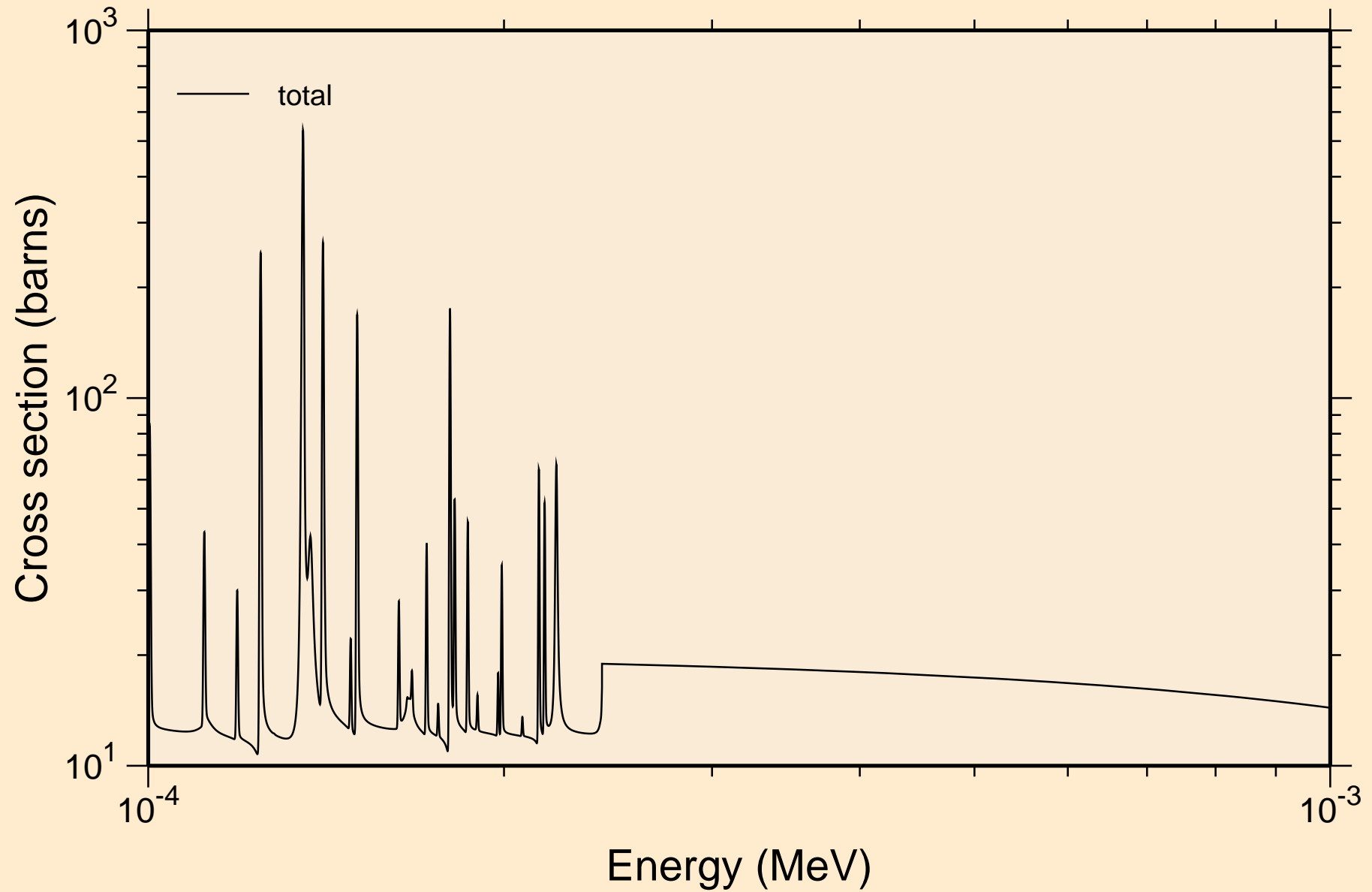
CF251 NRG TENDL-2015, AKONING  
resonance total cross section



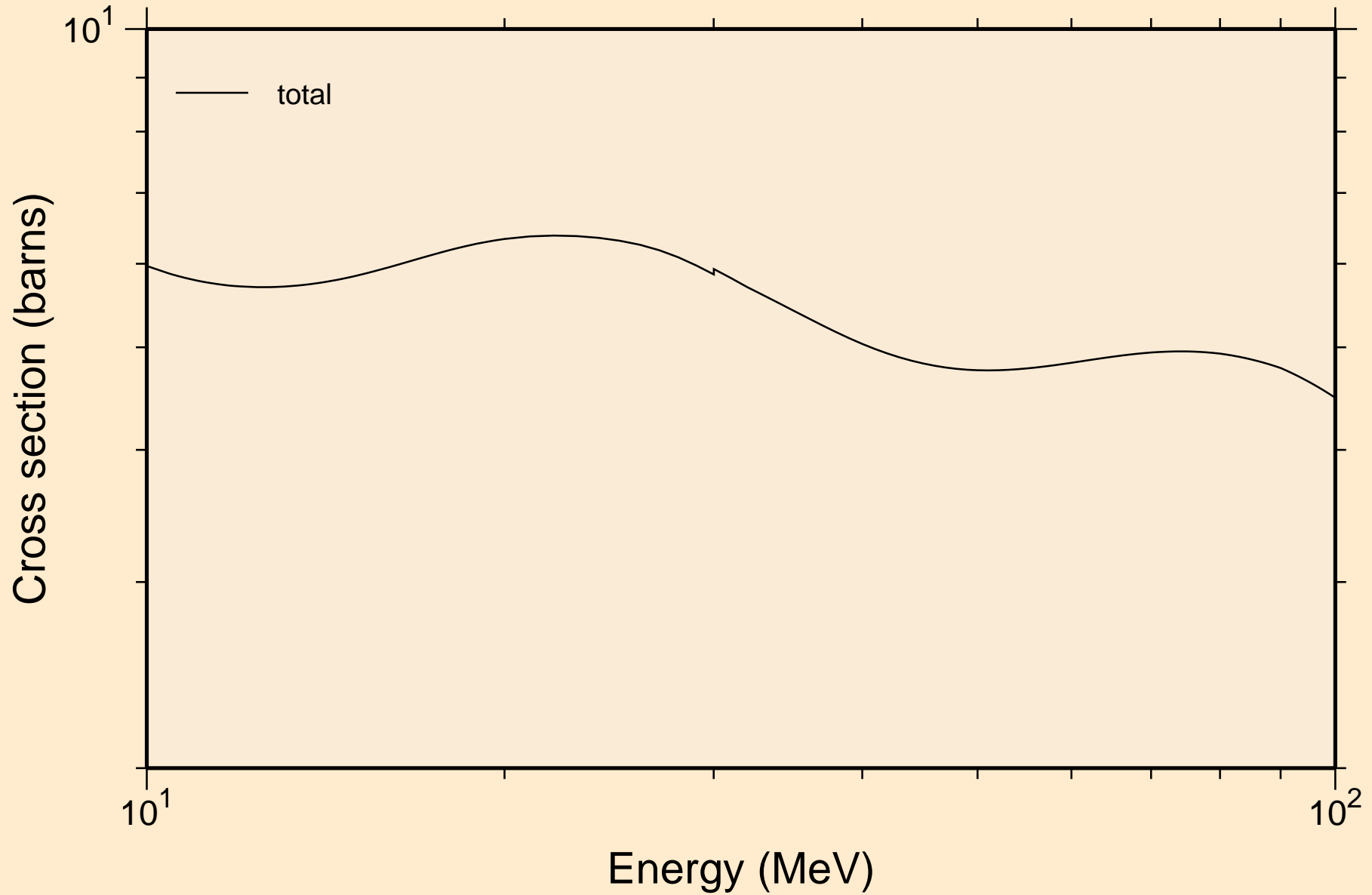
CF251 NRG TENDL-2015, AKONING  
resonance total cross section



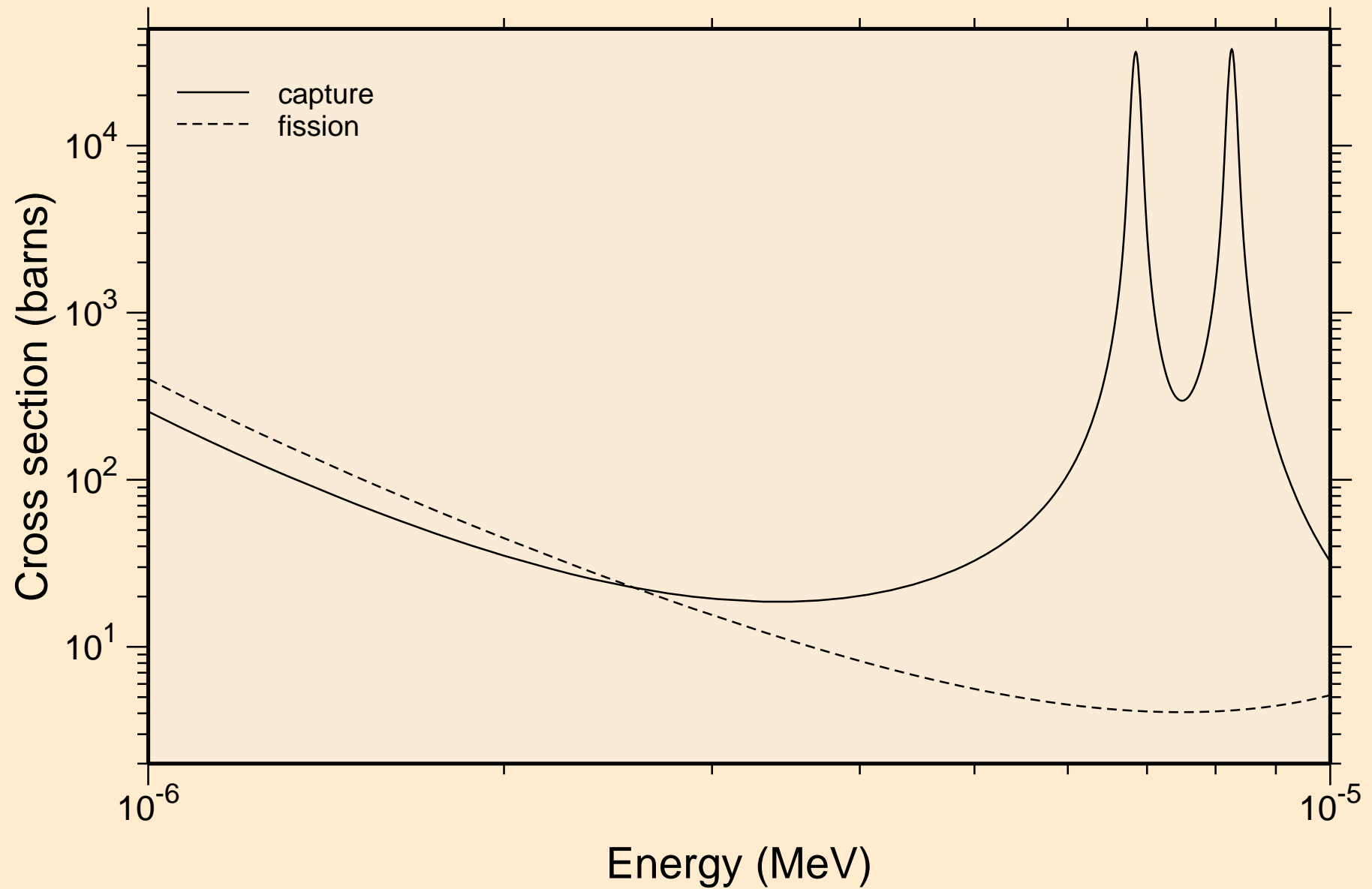
CF251 NRG TENDL-2015, AKONING  
resonance total cross section



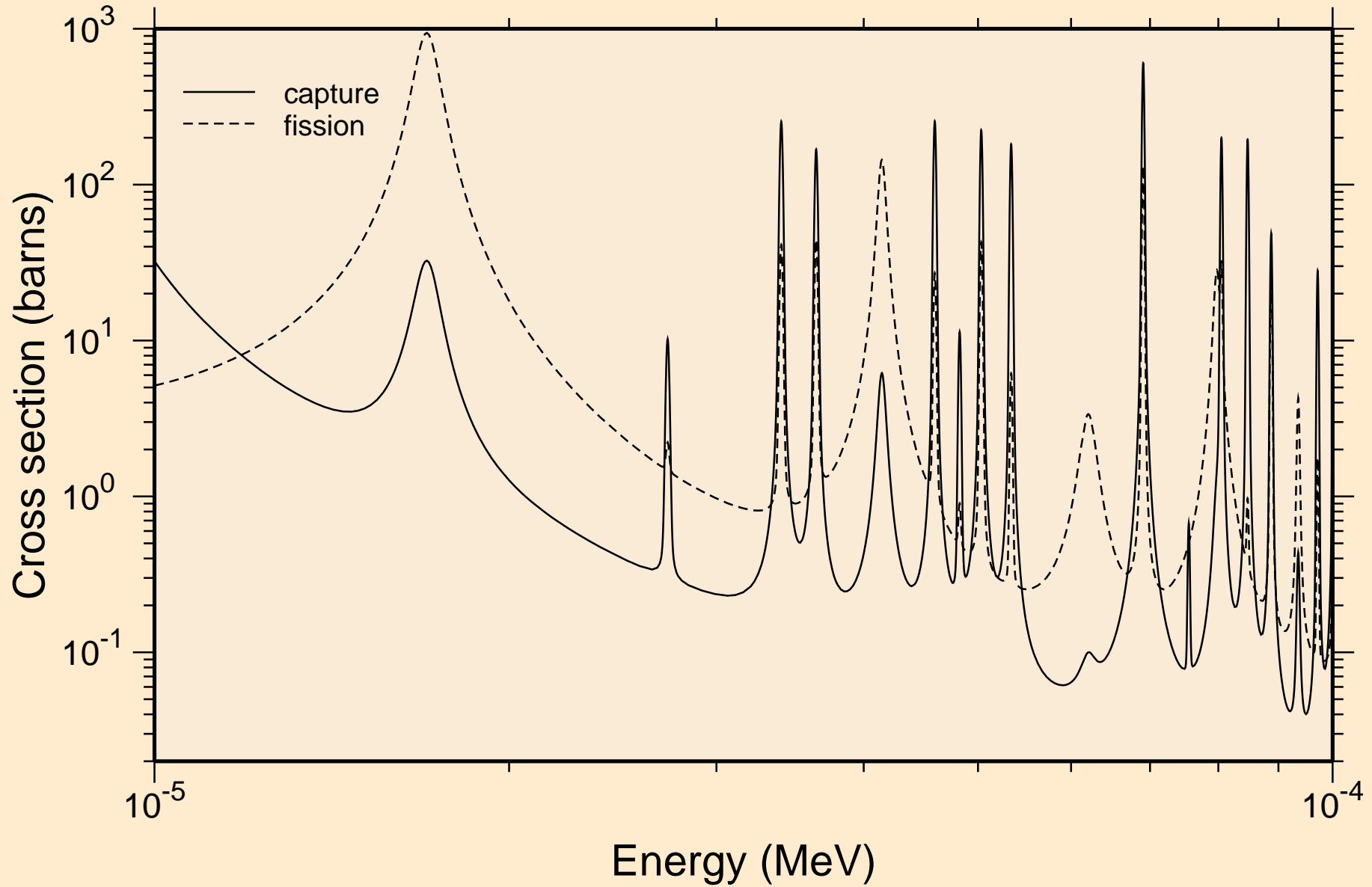
CF251 NRG TENDL-2015, AKONING  
resonance total cross section



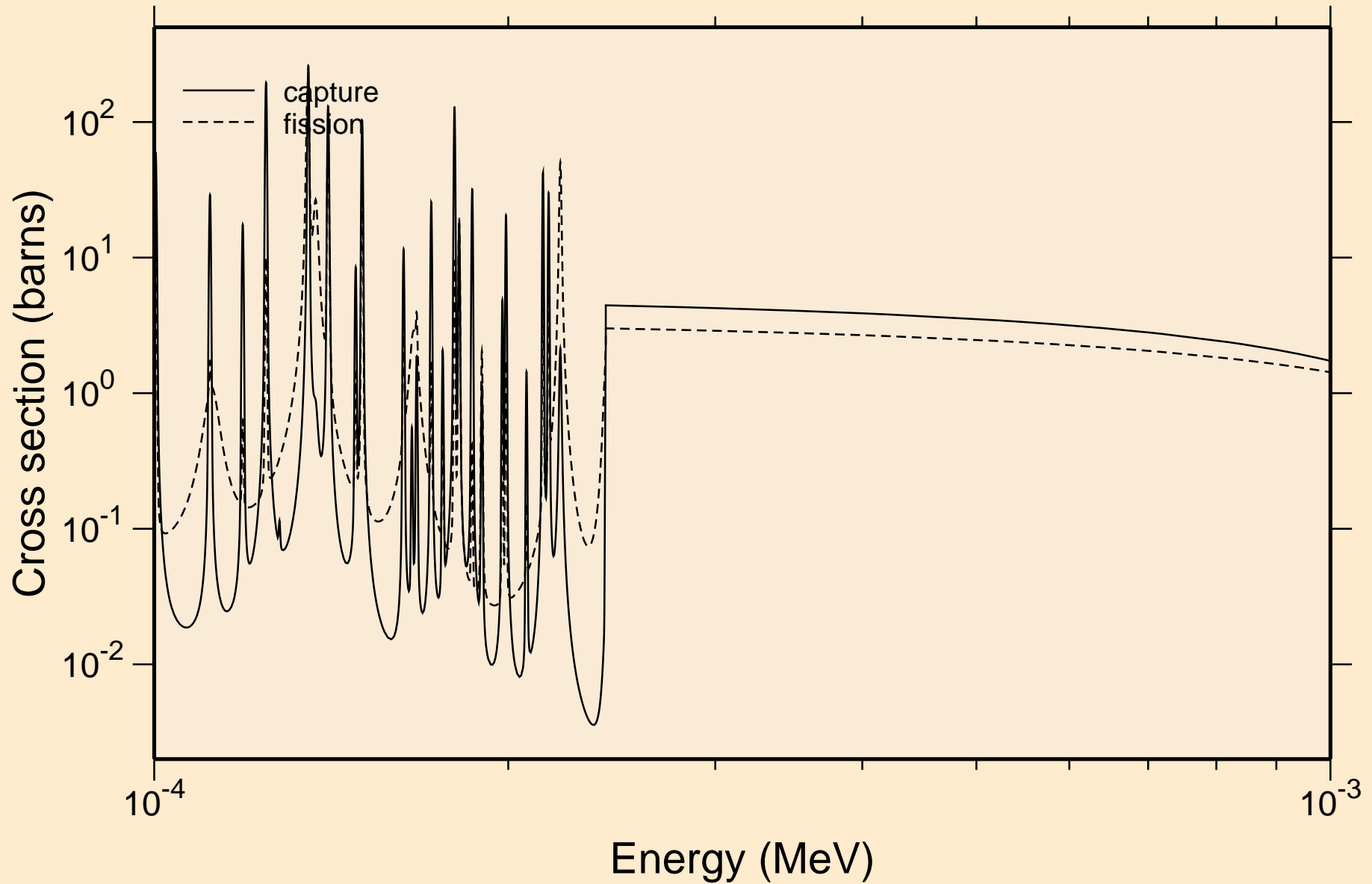
CF251 NRG TENDL-2015, AKONING  
resonance absorption cross sections



# CF251 NRG TENDL-2015, AKONING resonance absorption cross sections

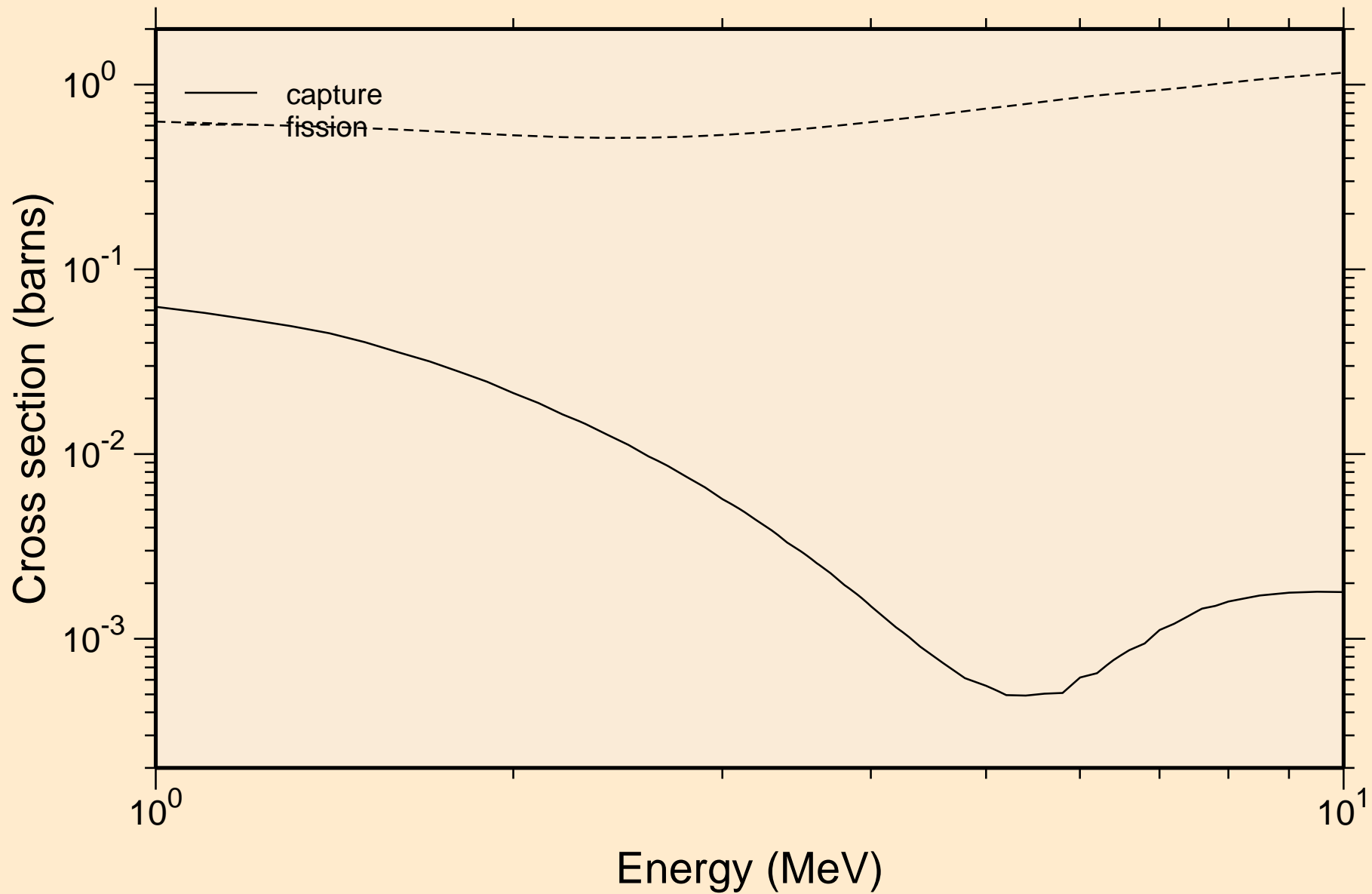


CF251 NRG TENDL-2015, AKONING  
resonance absorption cross sections



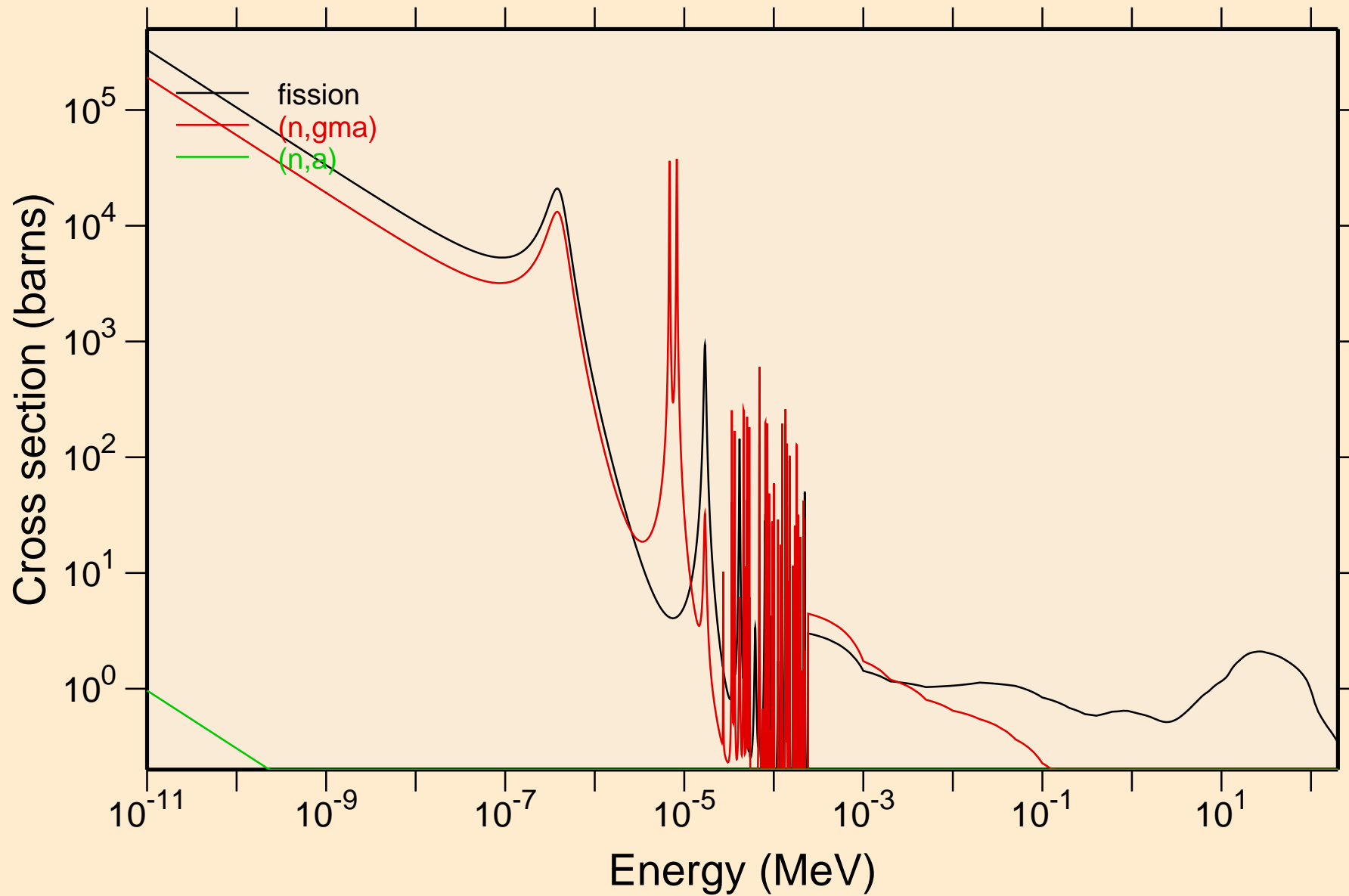


# CF251 NRG TENDL-2015, AKONING resonance absorption cross sections



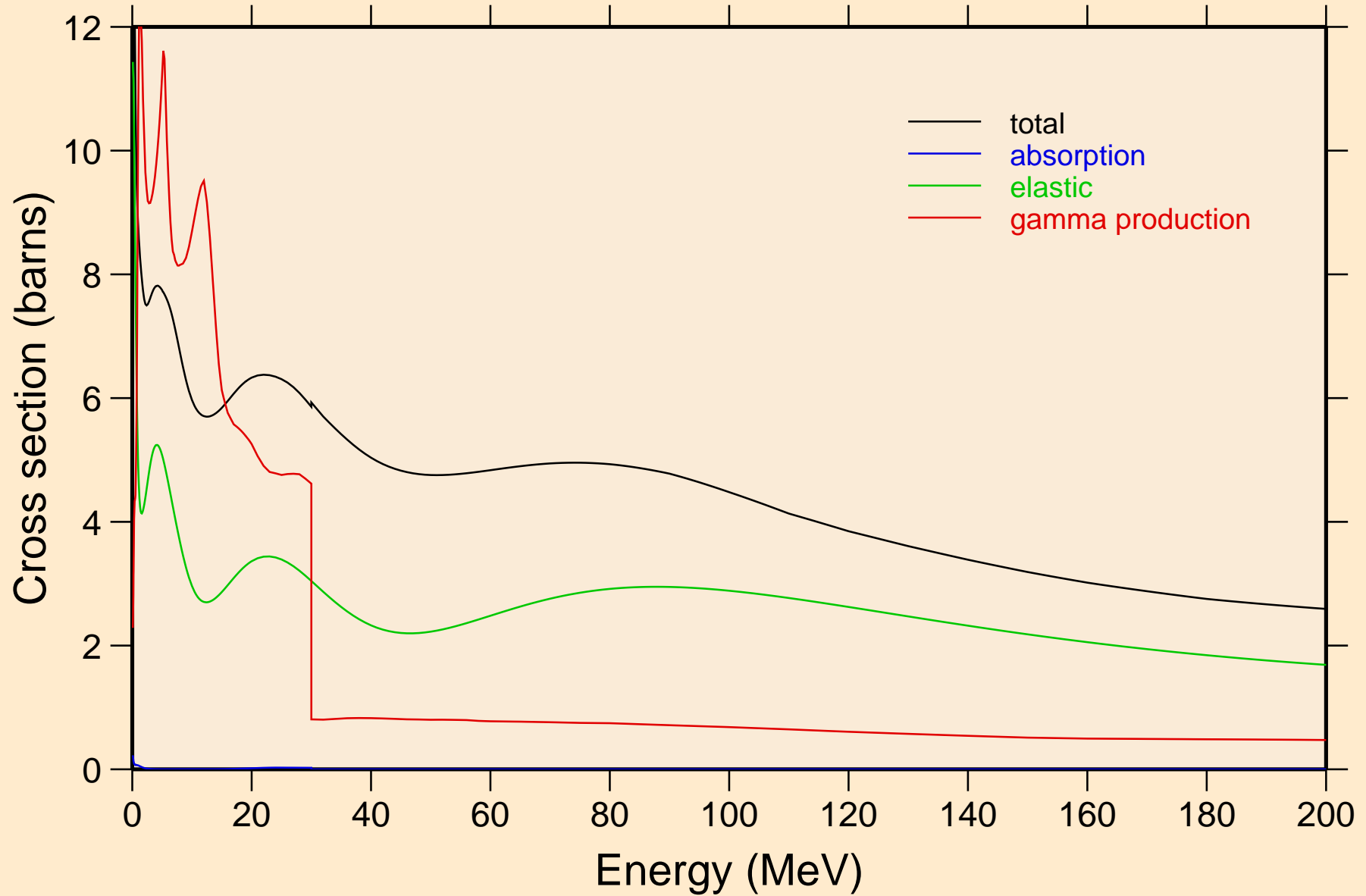
# CF251 NRG TENDL-2015, AKONING

## Non-threshold reactions



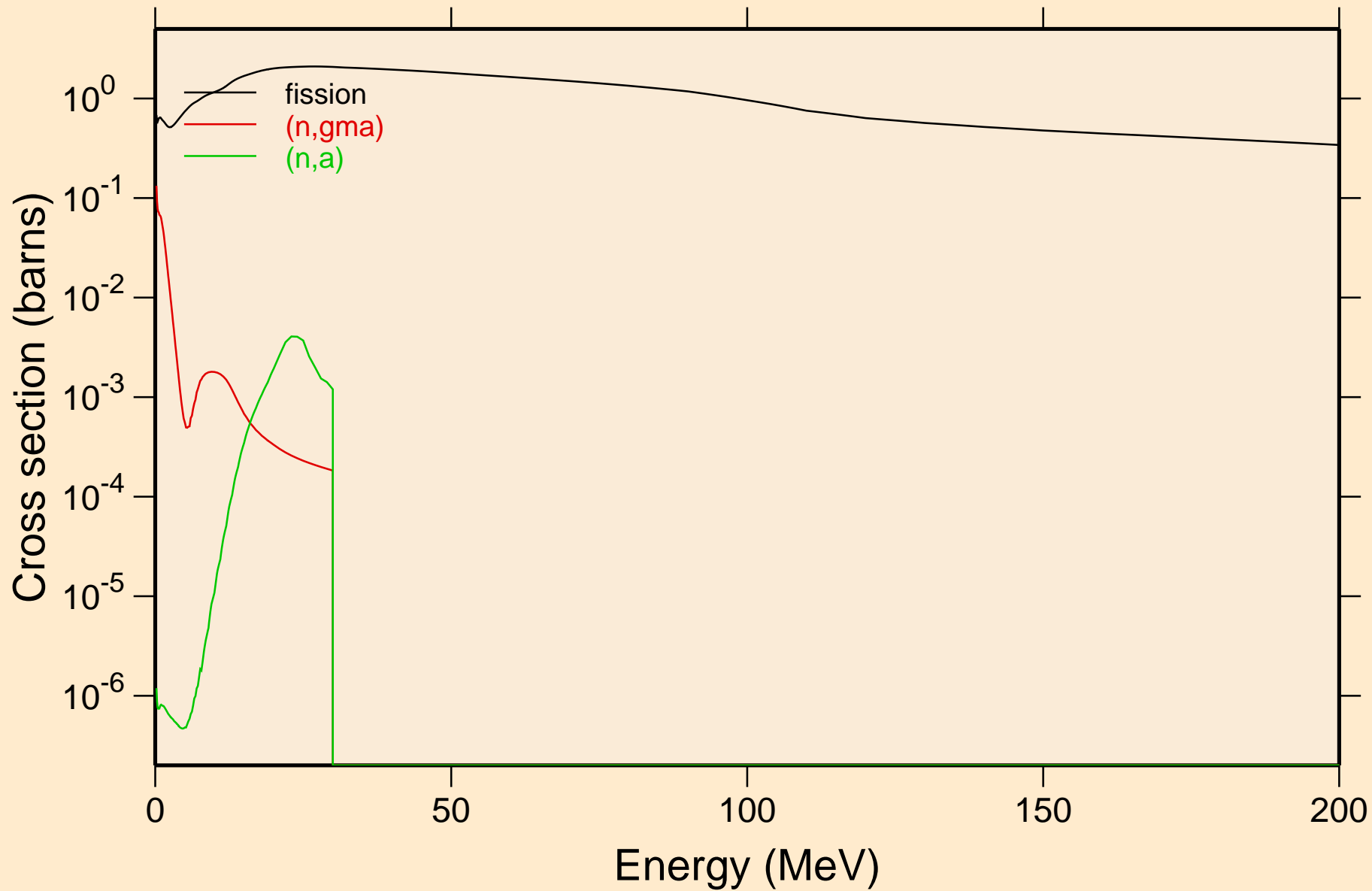
# CF251 NRG TENDL-2015, AKONING

## Principal cross sections



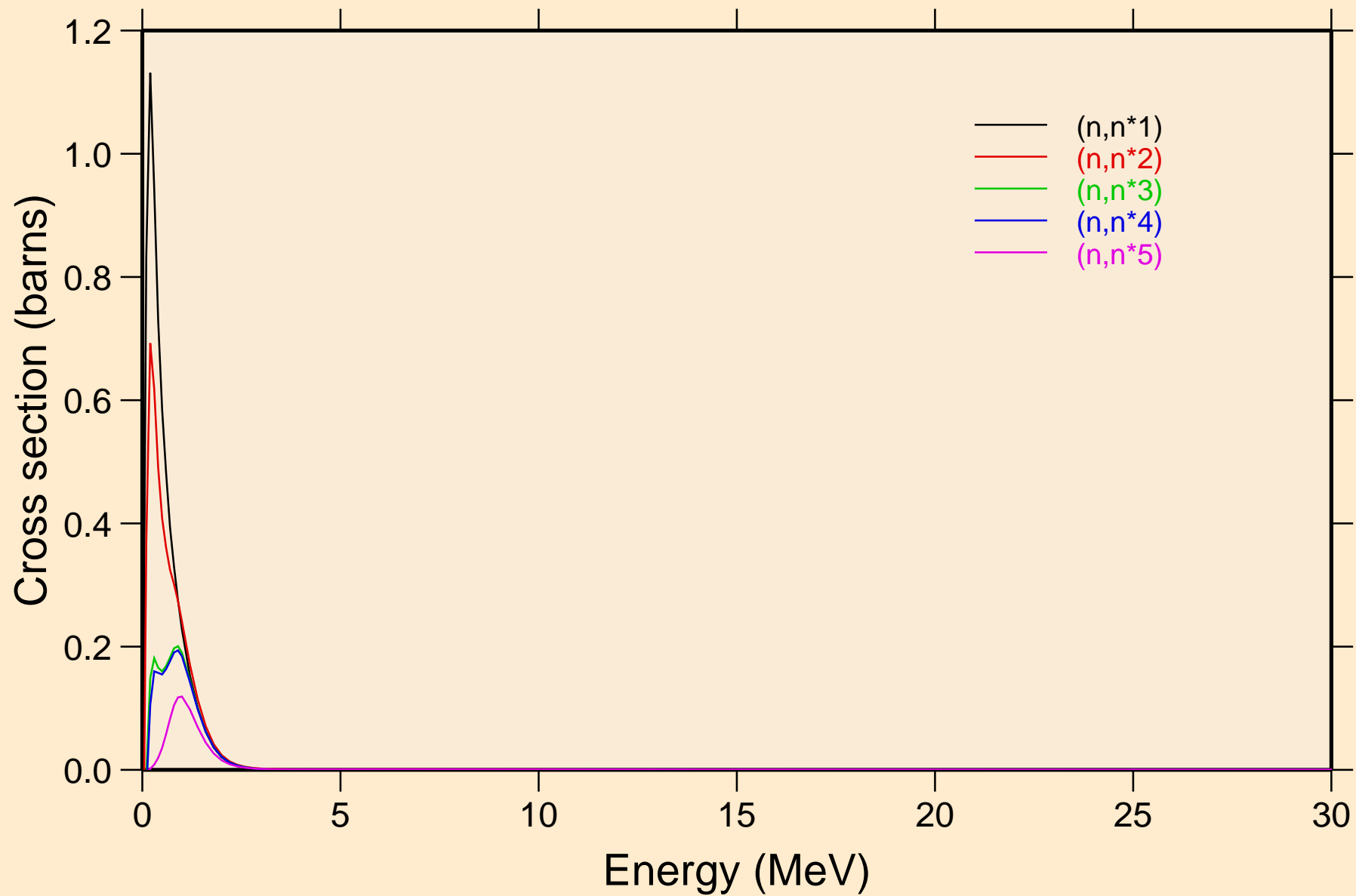
# CF251 NRG TENDL-2015, AKONING

## Non-threshold reactions



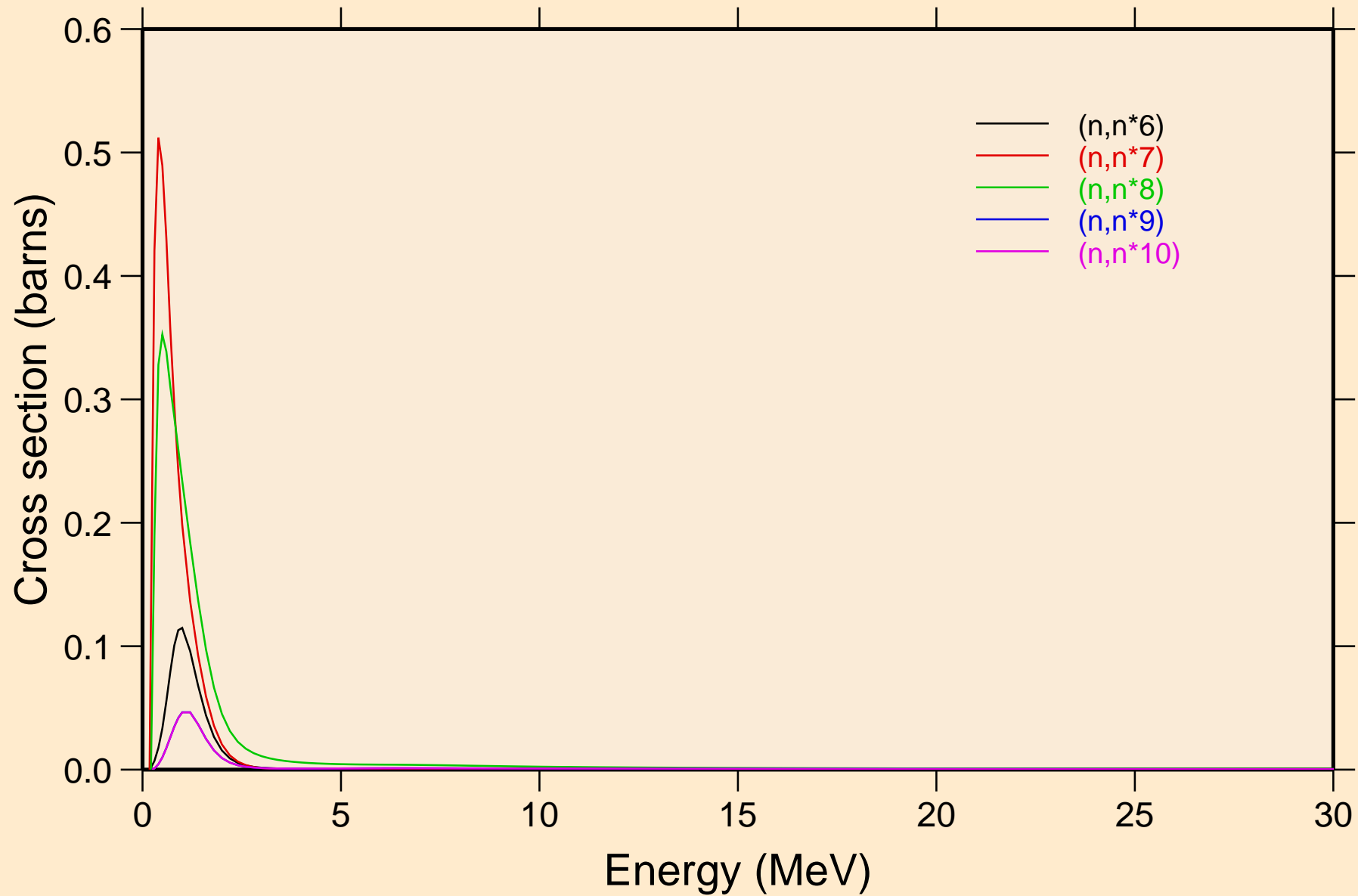
# CF251 NRG TENDL-2015, AKONING

## Inelastic levels



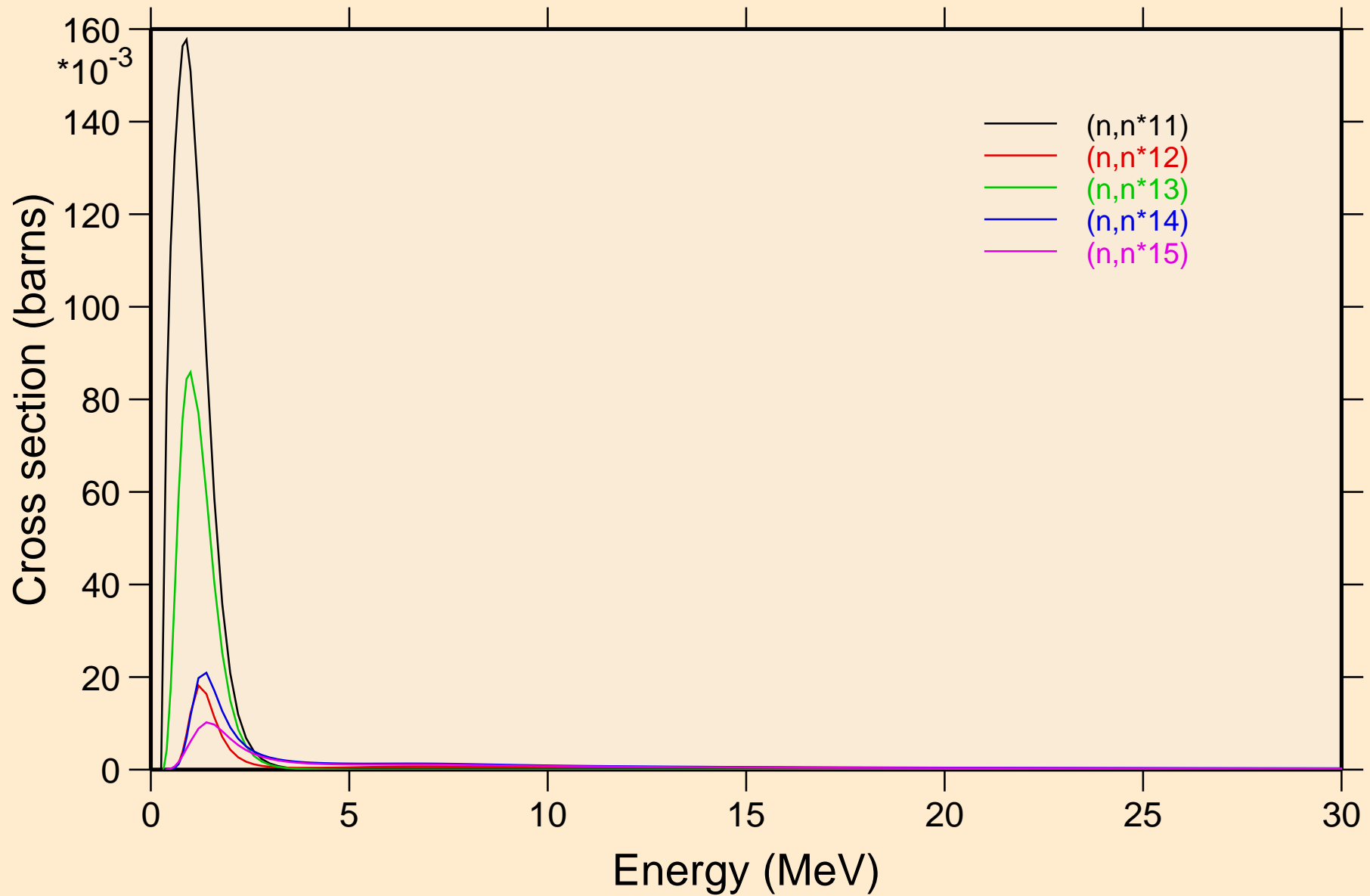
# CF251 NRG TENDL-2015, AKONING

## Inelastic levels



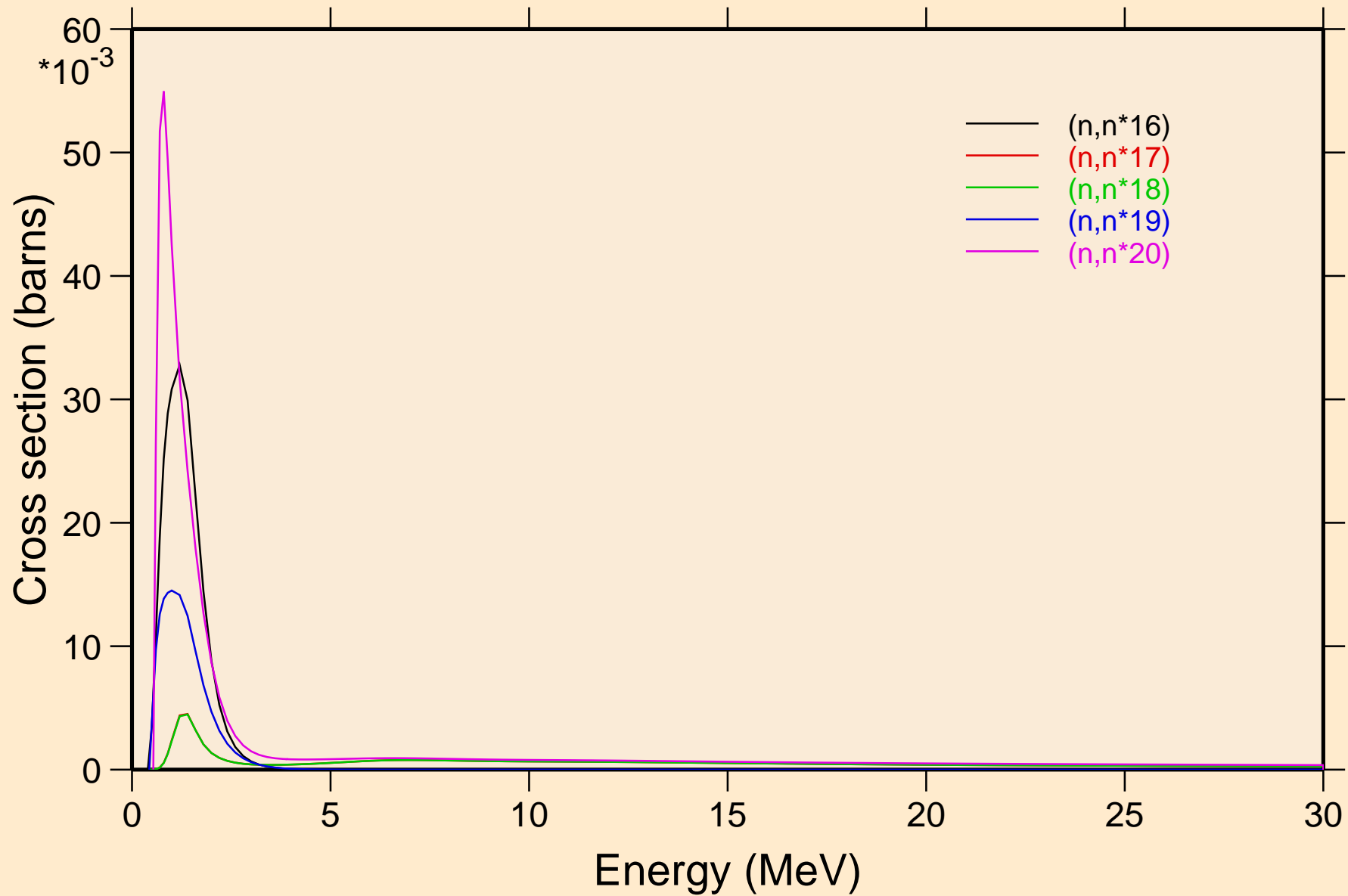
# CF251 NRG TENDL-2015, AKONING

## Inelastic levels



# CF251 NRG TENDL-2015, AKONING

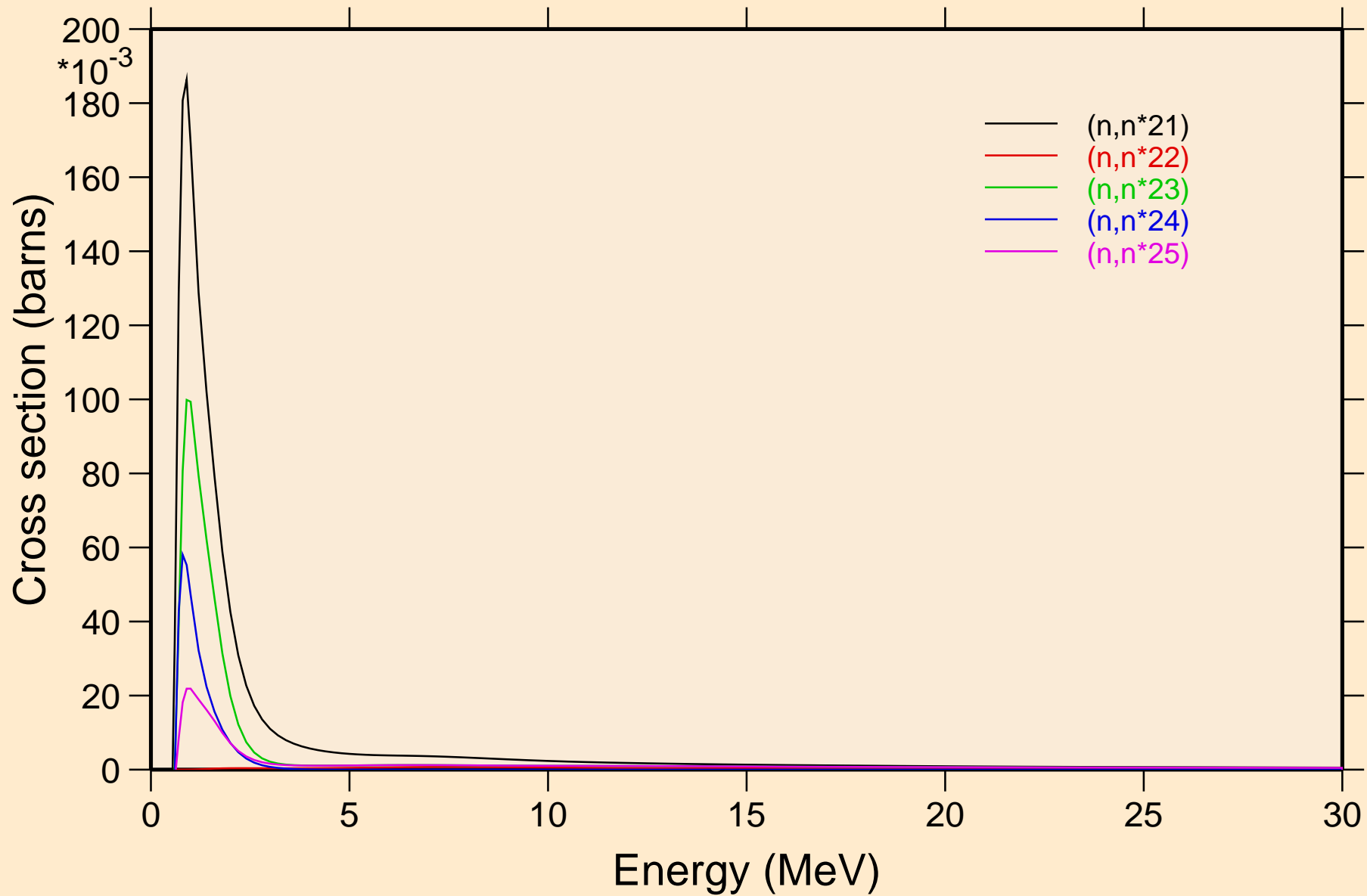
## Inelastic levels





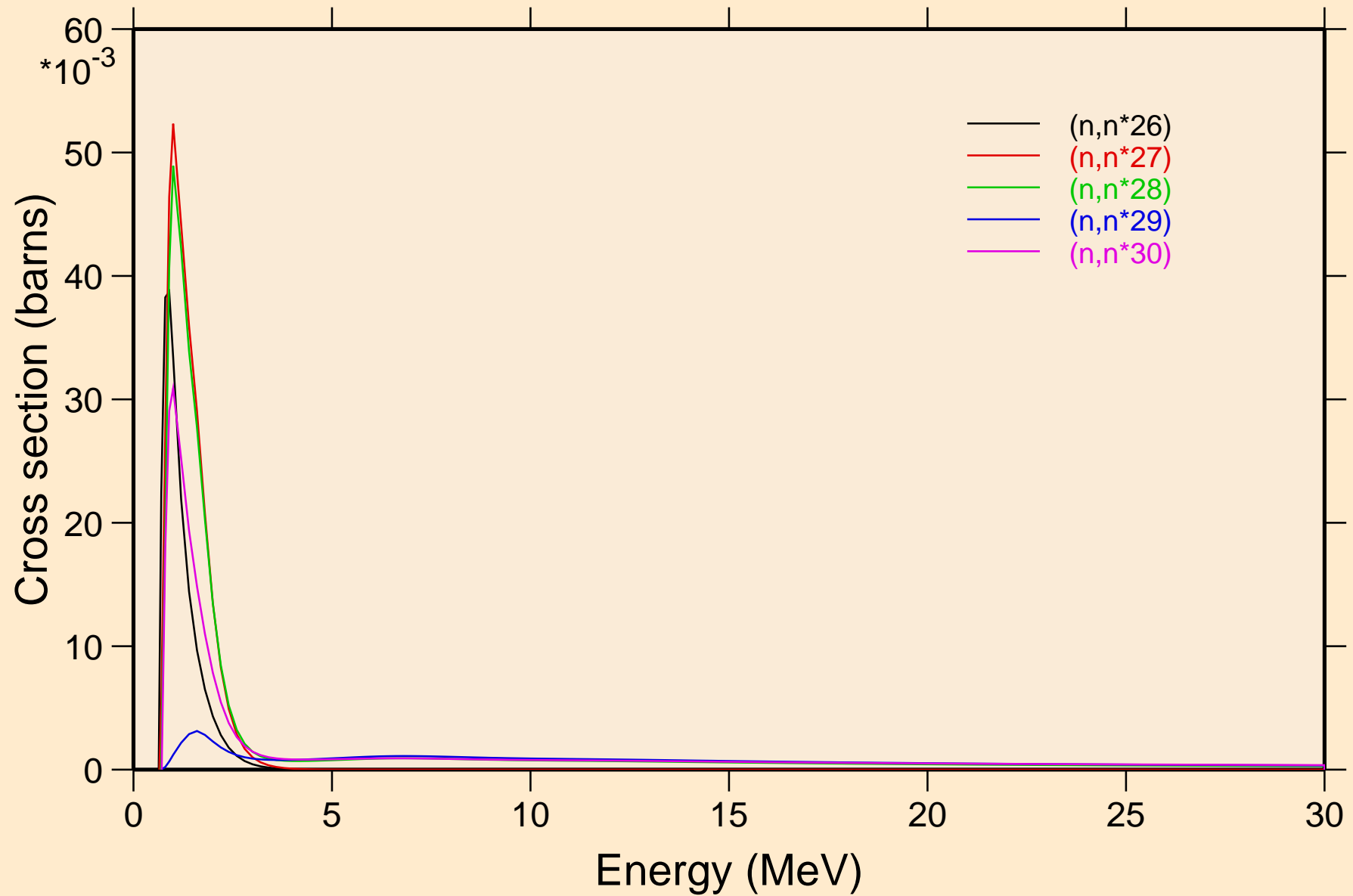
# CF251 NRG TENDL-2015, AKONING

## Inelastic levels



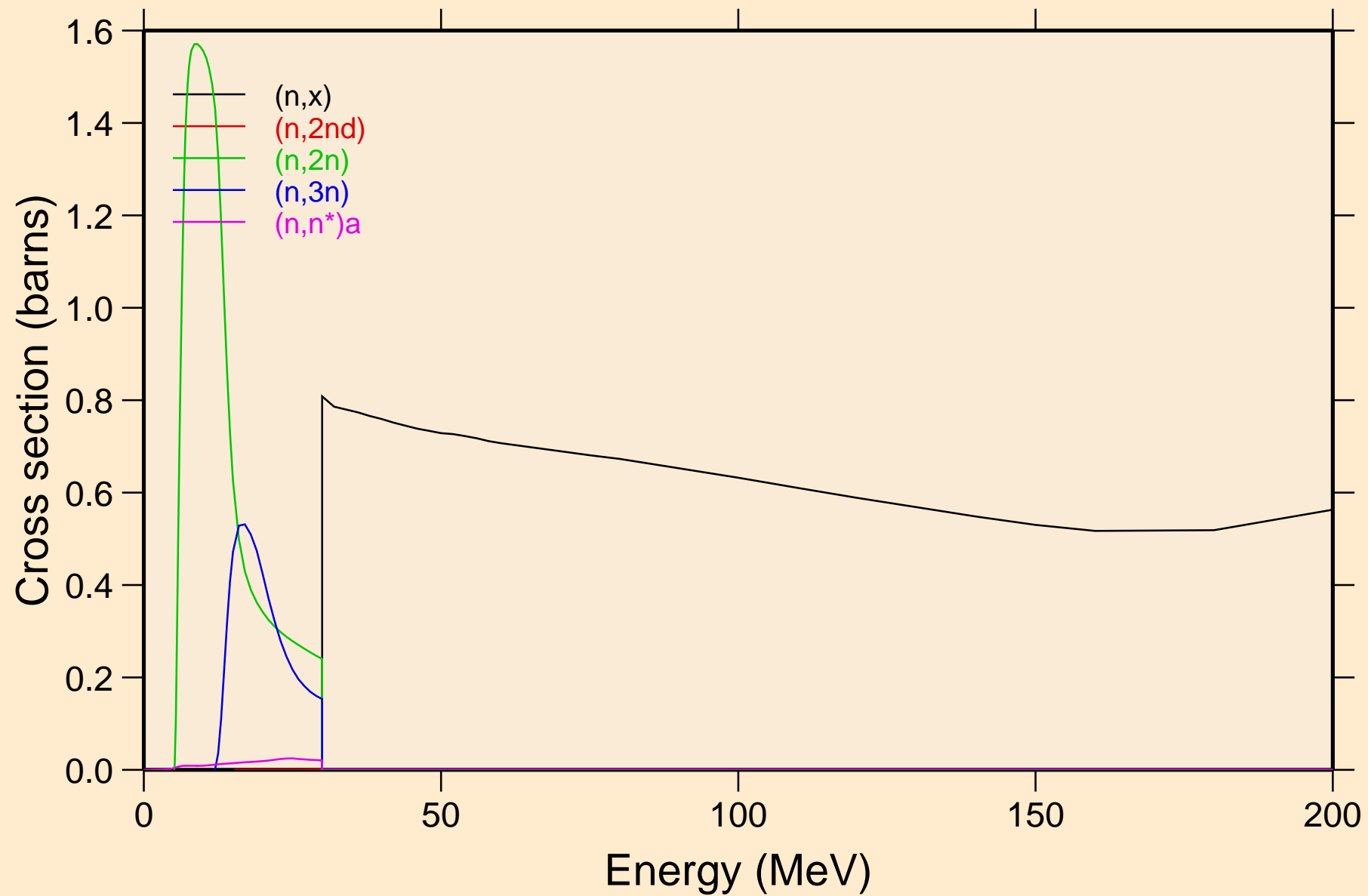
# CF251 NRG TENDL-2015, AKONING

## Inelastic levels



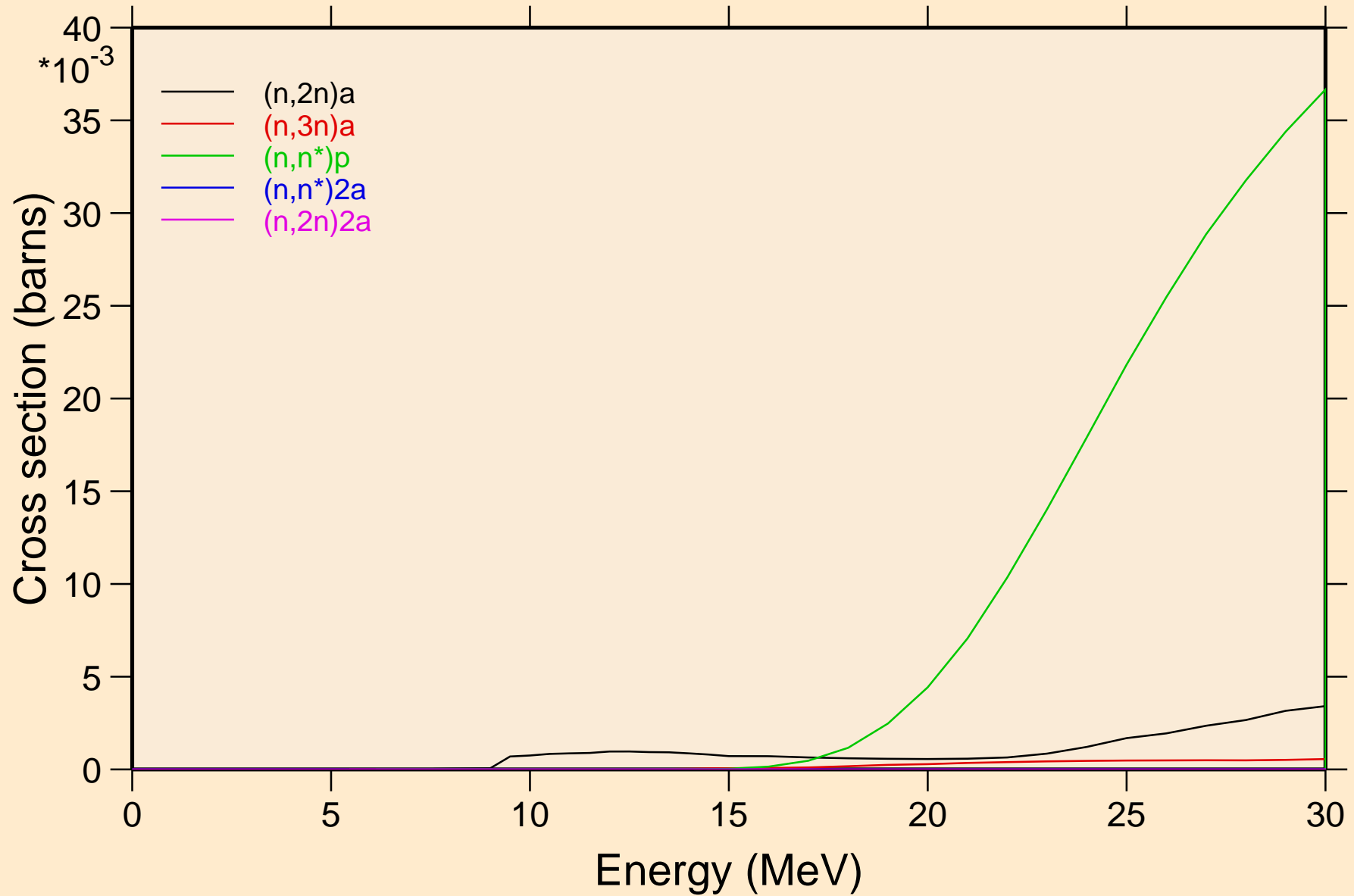
# CF251 NRG TENDL-2015, AKONING

## Threshold reactions



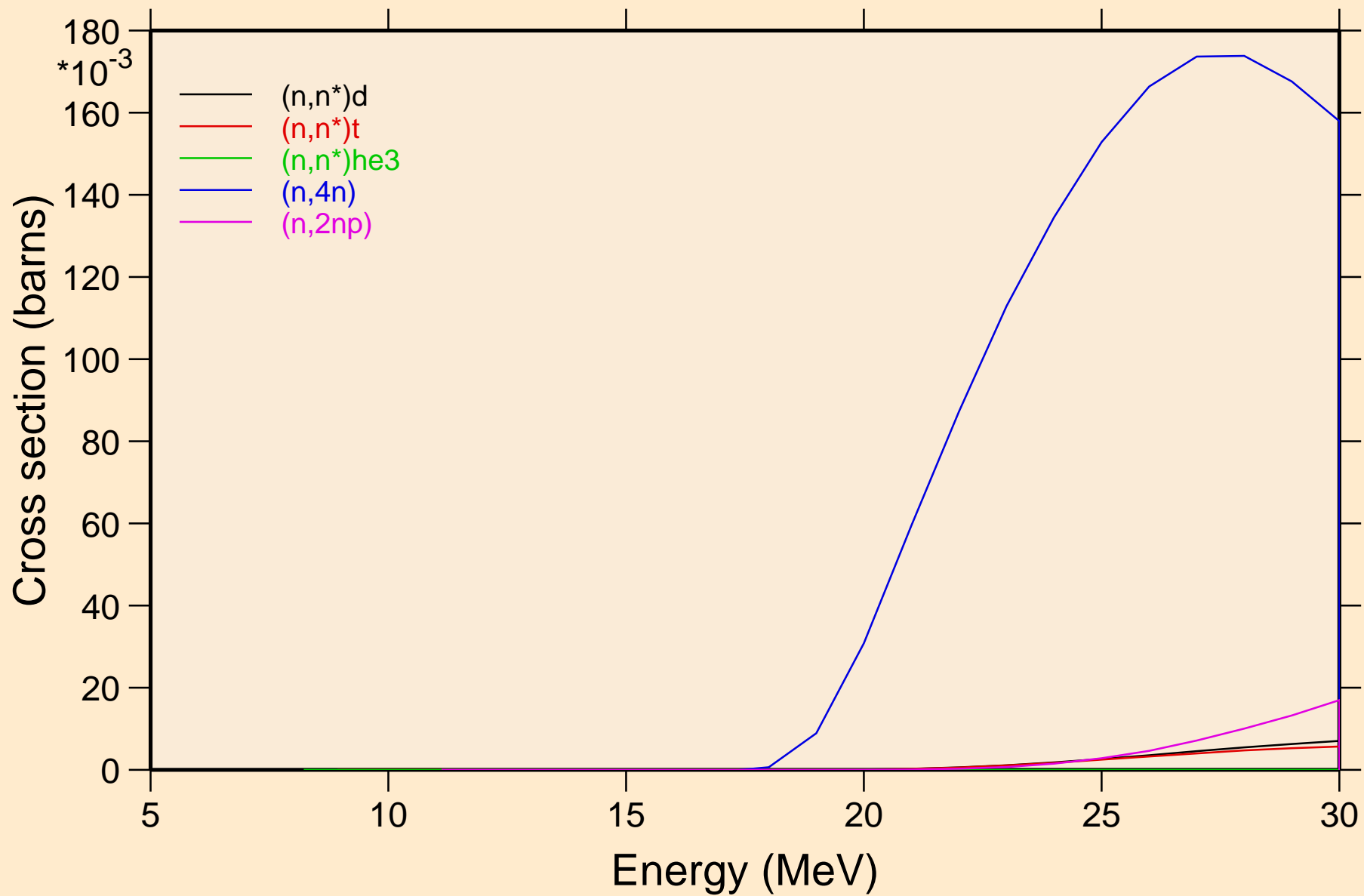
# CF251 NRG TENDL-2015, AKONING

## Threshold reactions



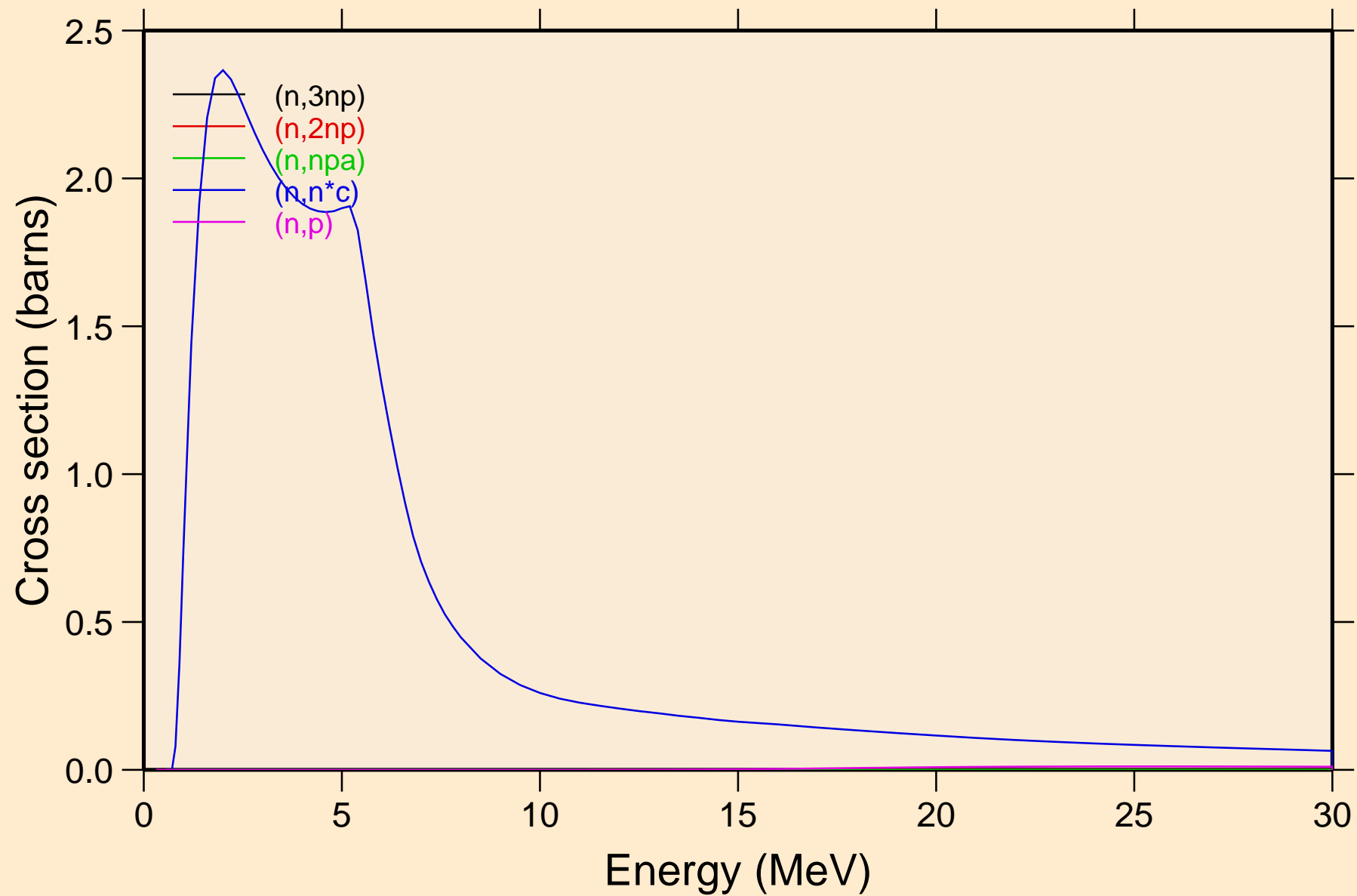
# CF251 NRG TENDL-2015, AKONING

## Threshold reactions



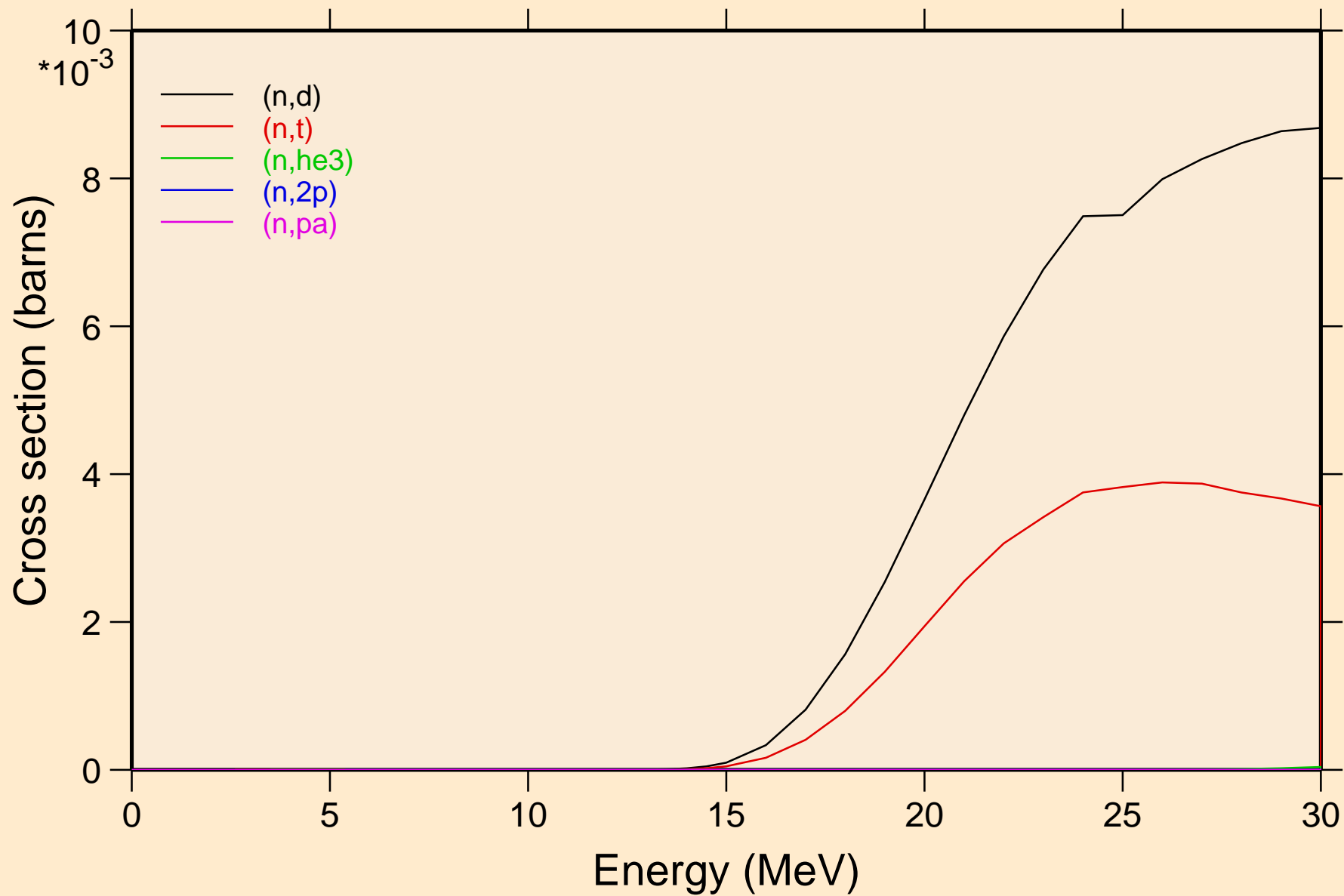
# CF251 NRG TENDL-2015, AKONING

## Threshold reactions

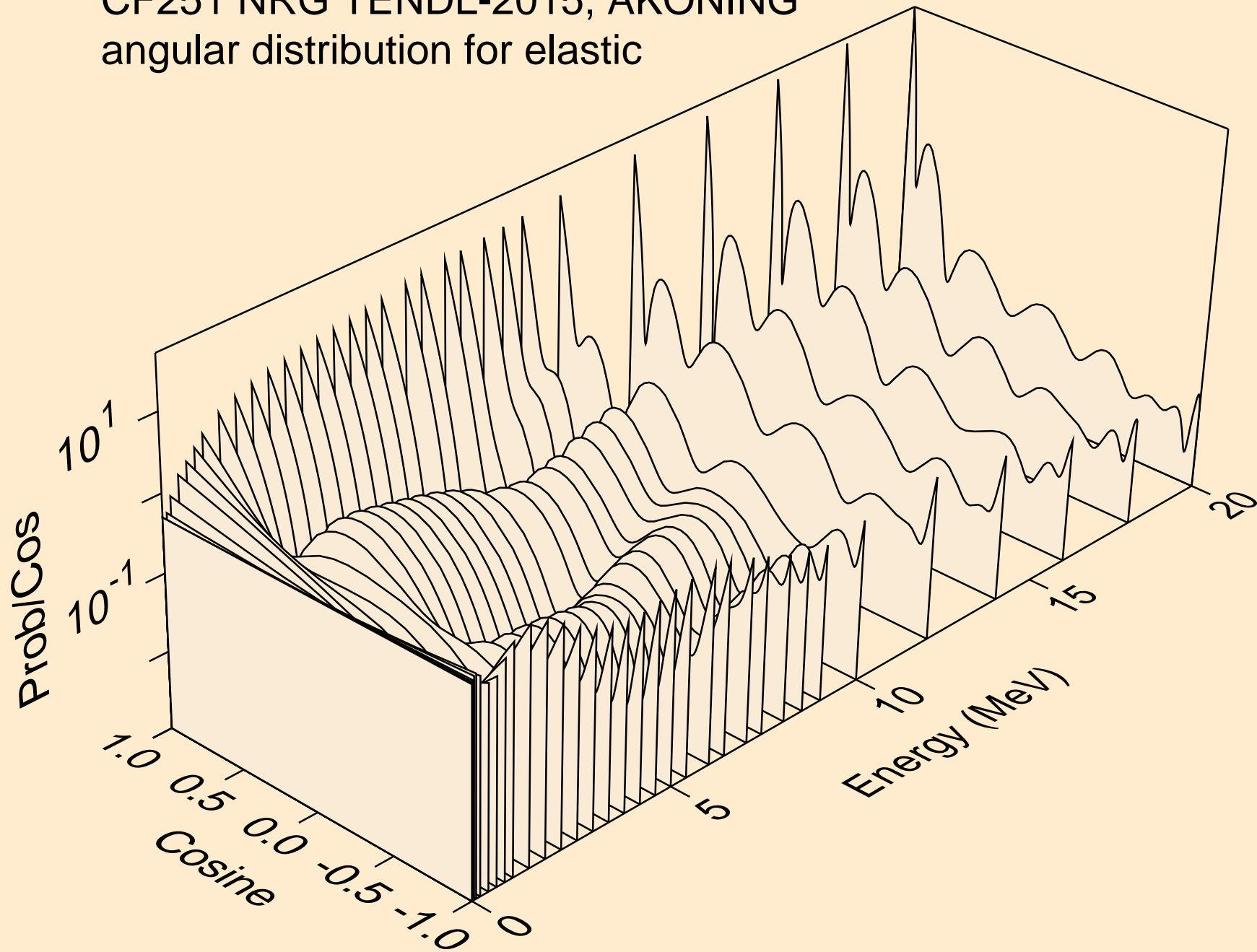


# CF251 NRG TENDL-2015, AKONING

## Threshold reactions

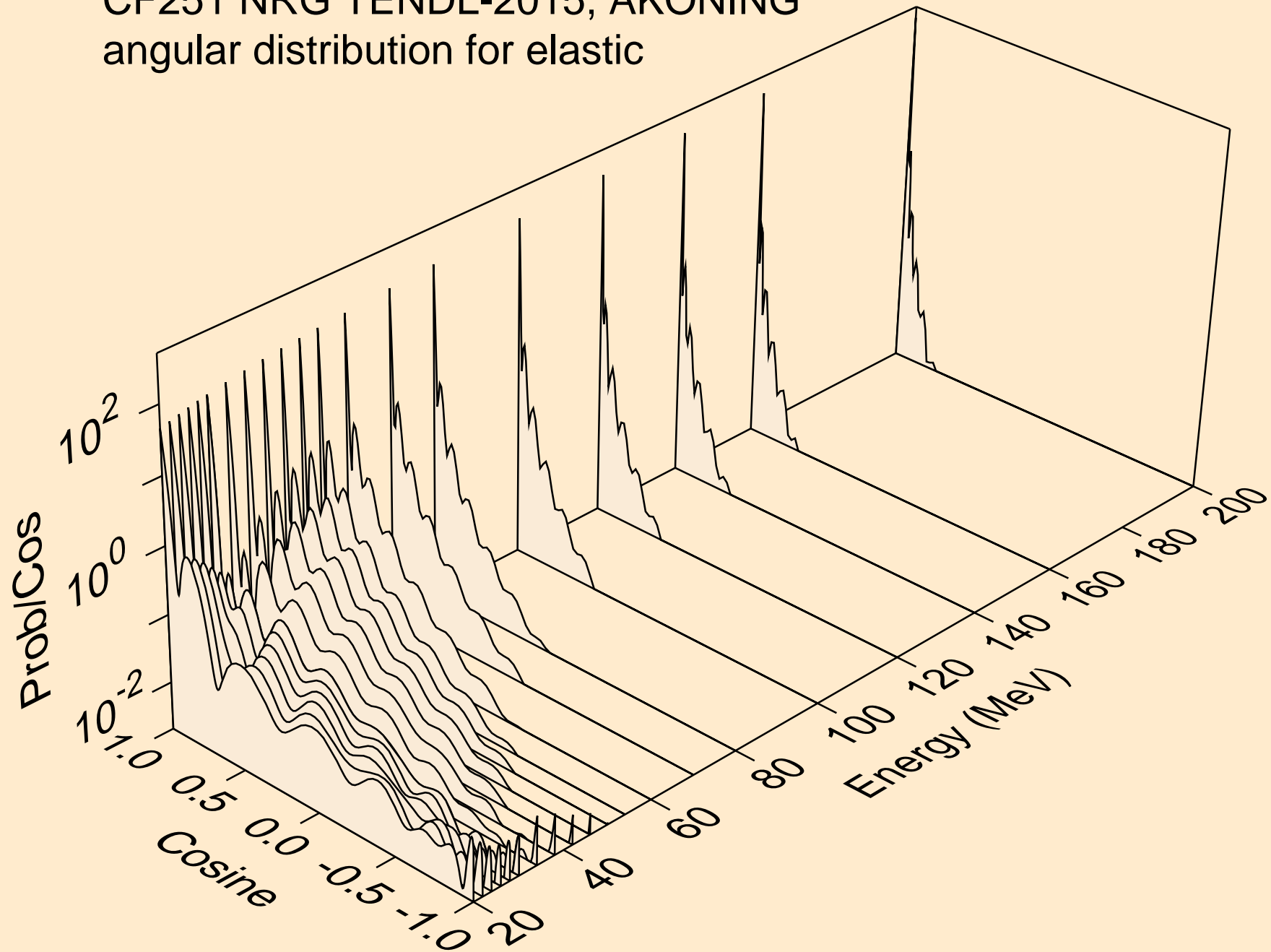


CF251 NRG TENDL-2015, AKONING  
angular distribution for elastic

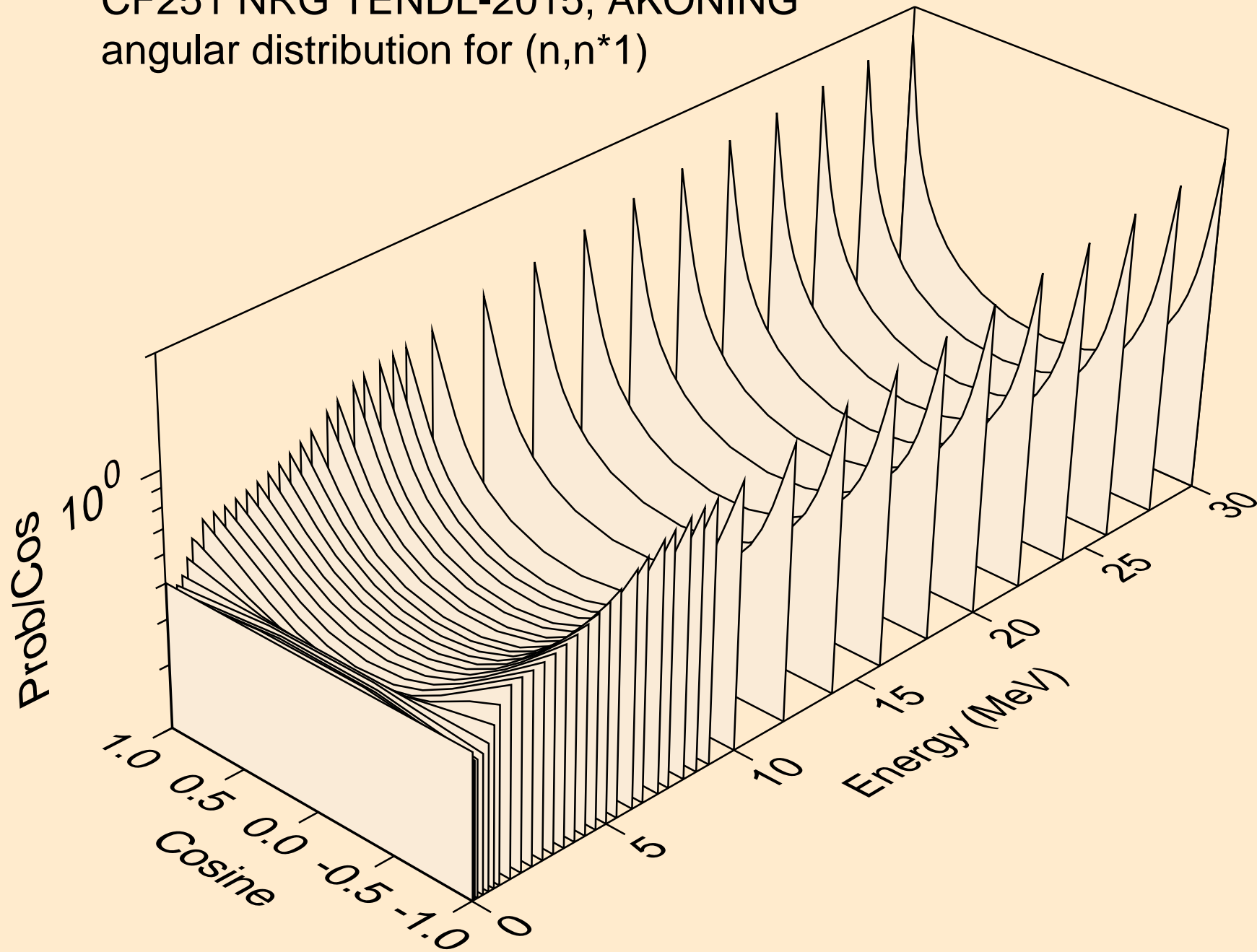




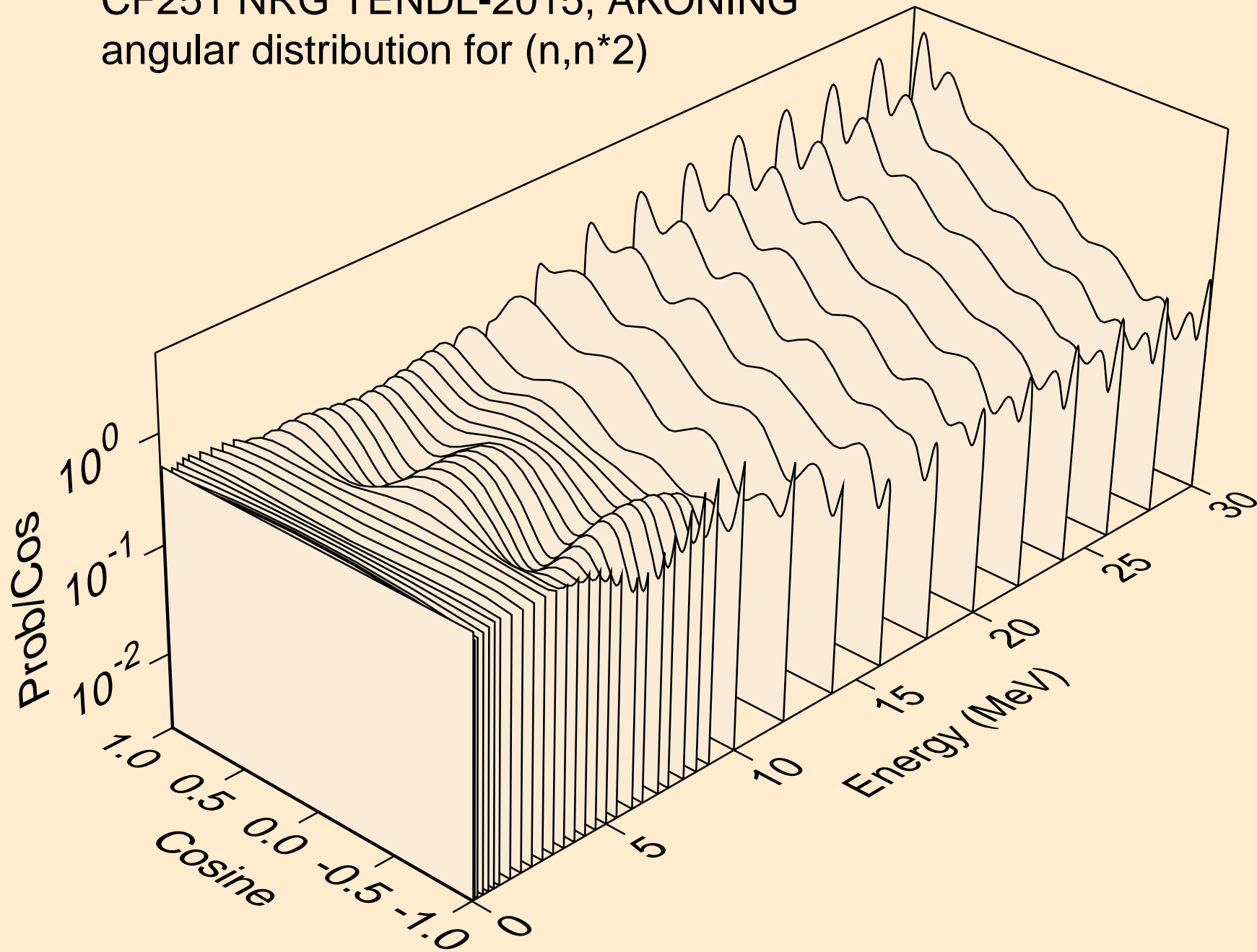
CF251 NRG TENDL-2015, AKONING  
angular distribution for elastic



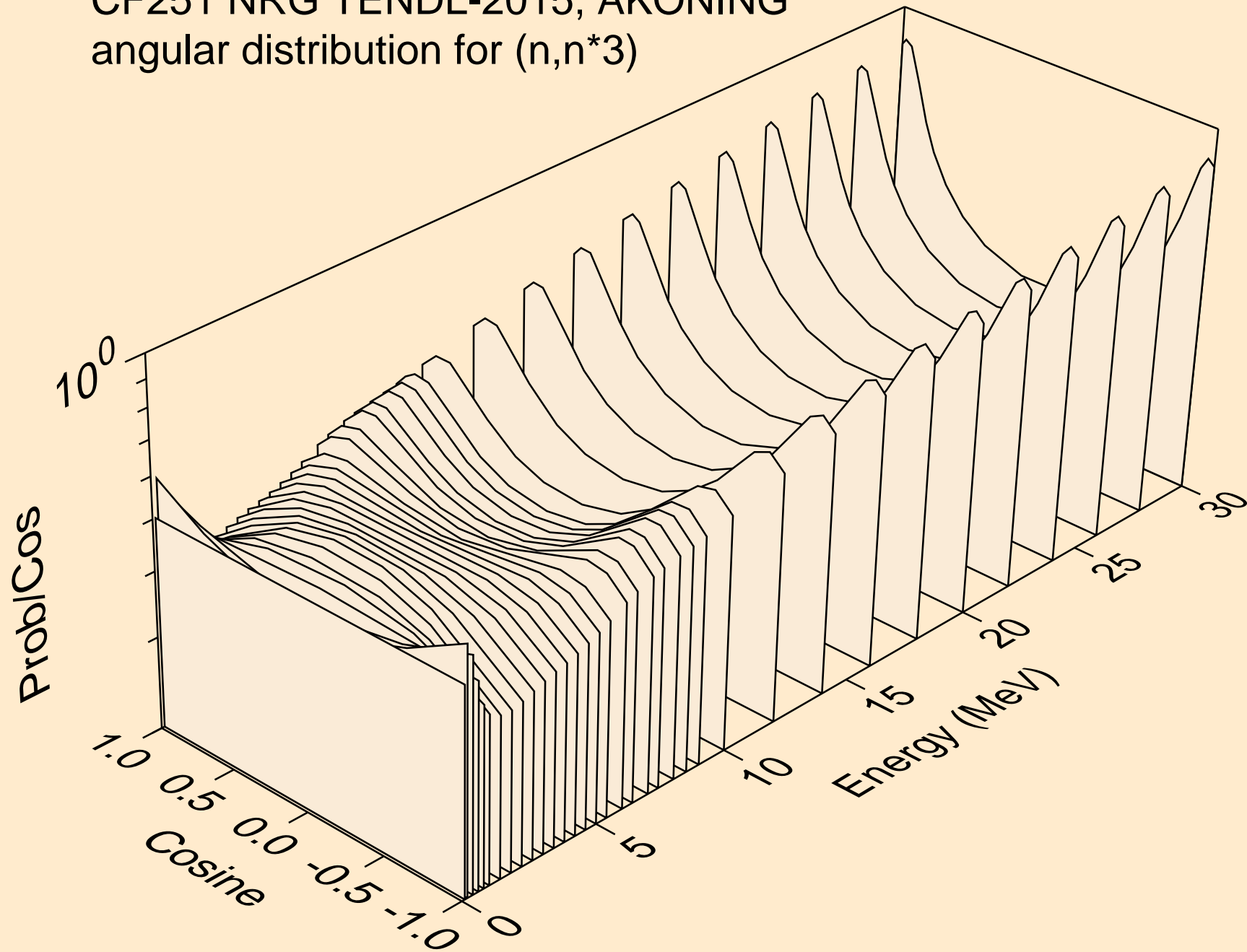
CF251 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



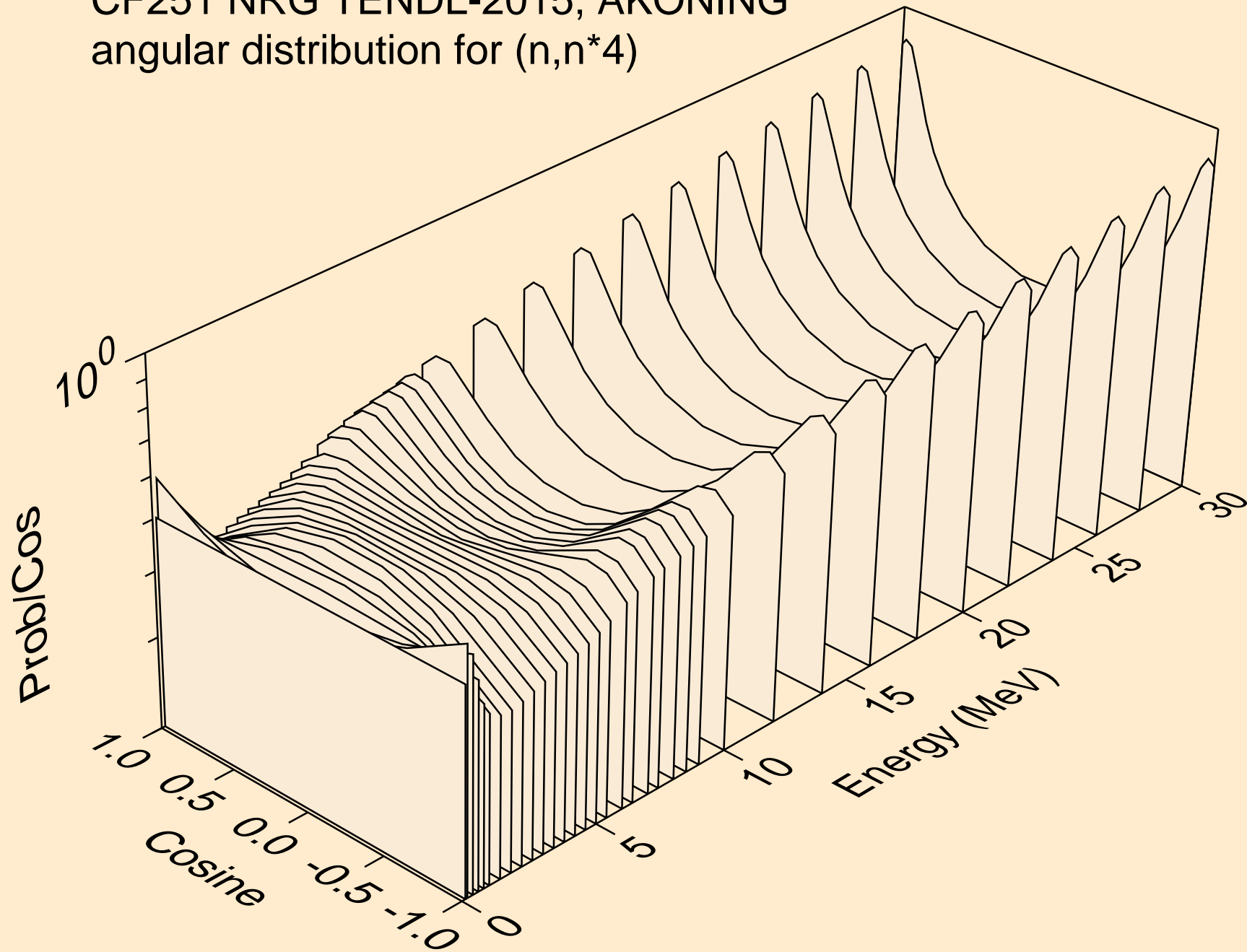
CF251 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



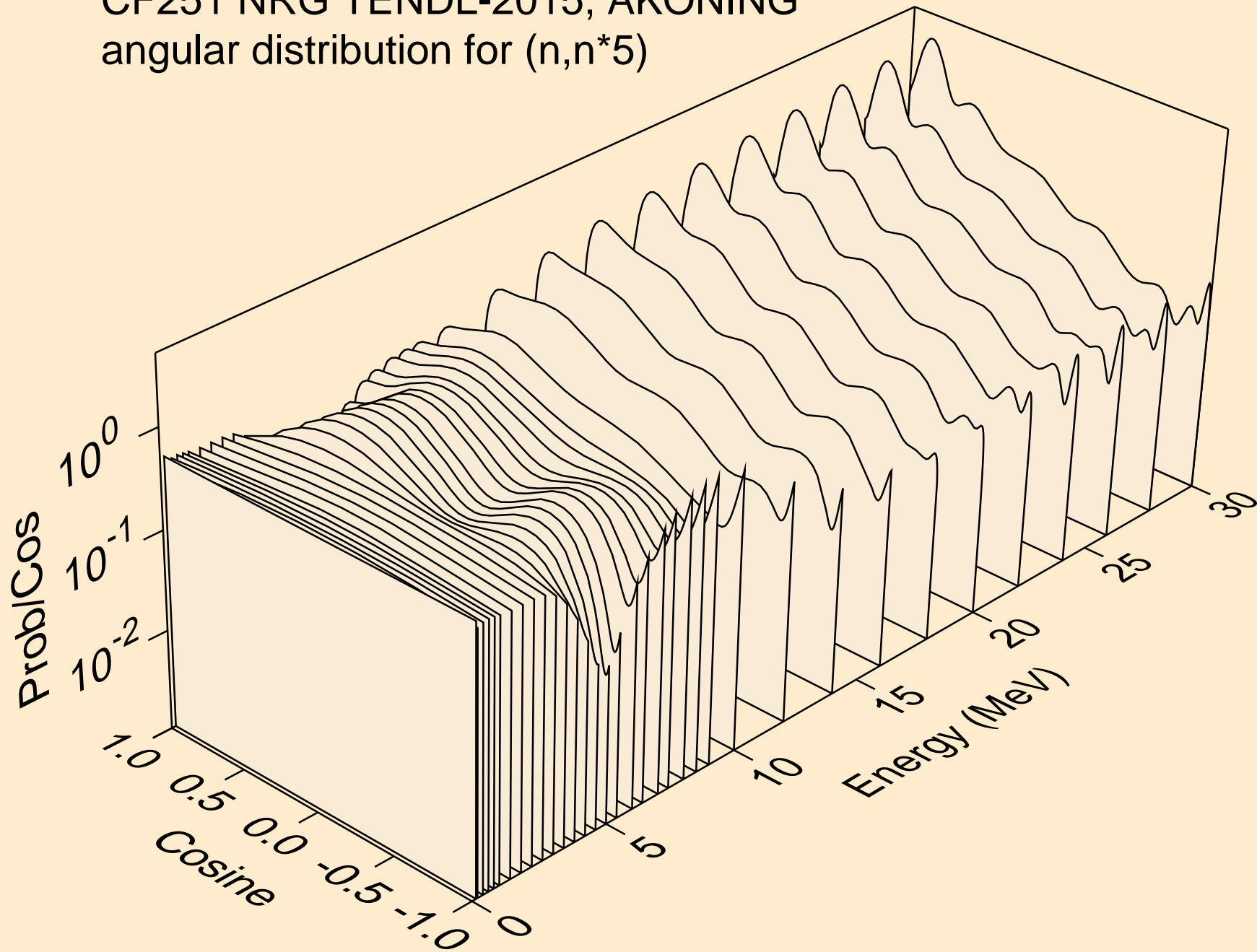
CF251 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



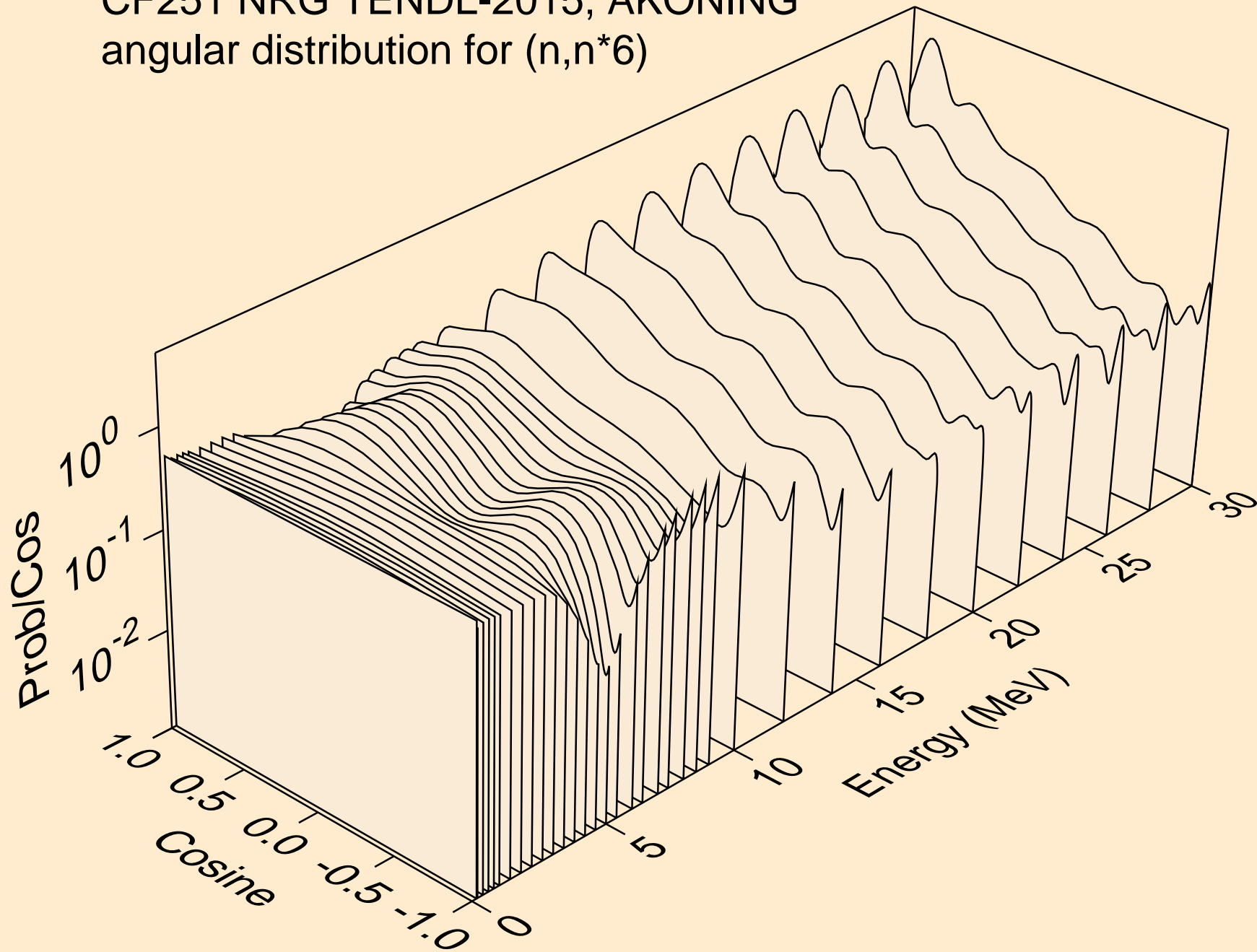
CF251 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



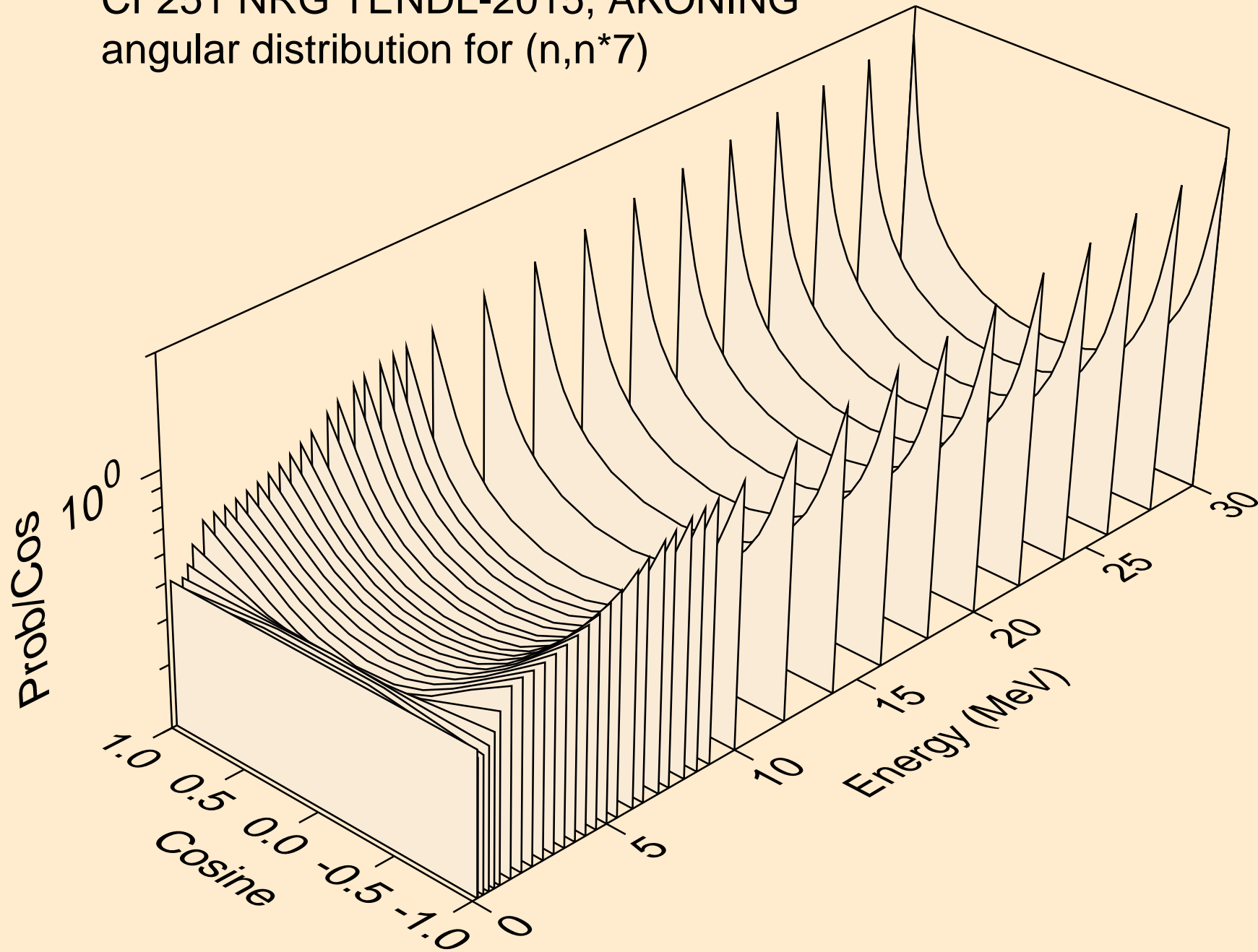
CF251 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



CF251 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

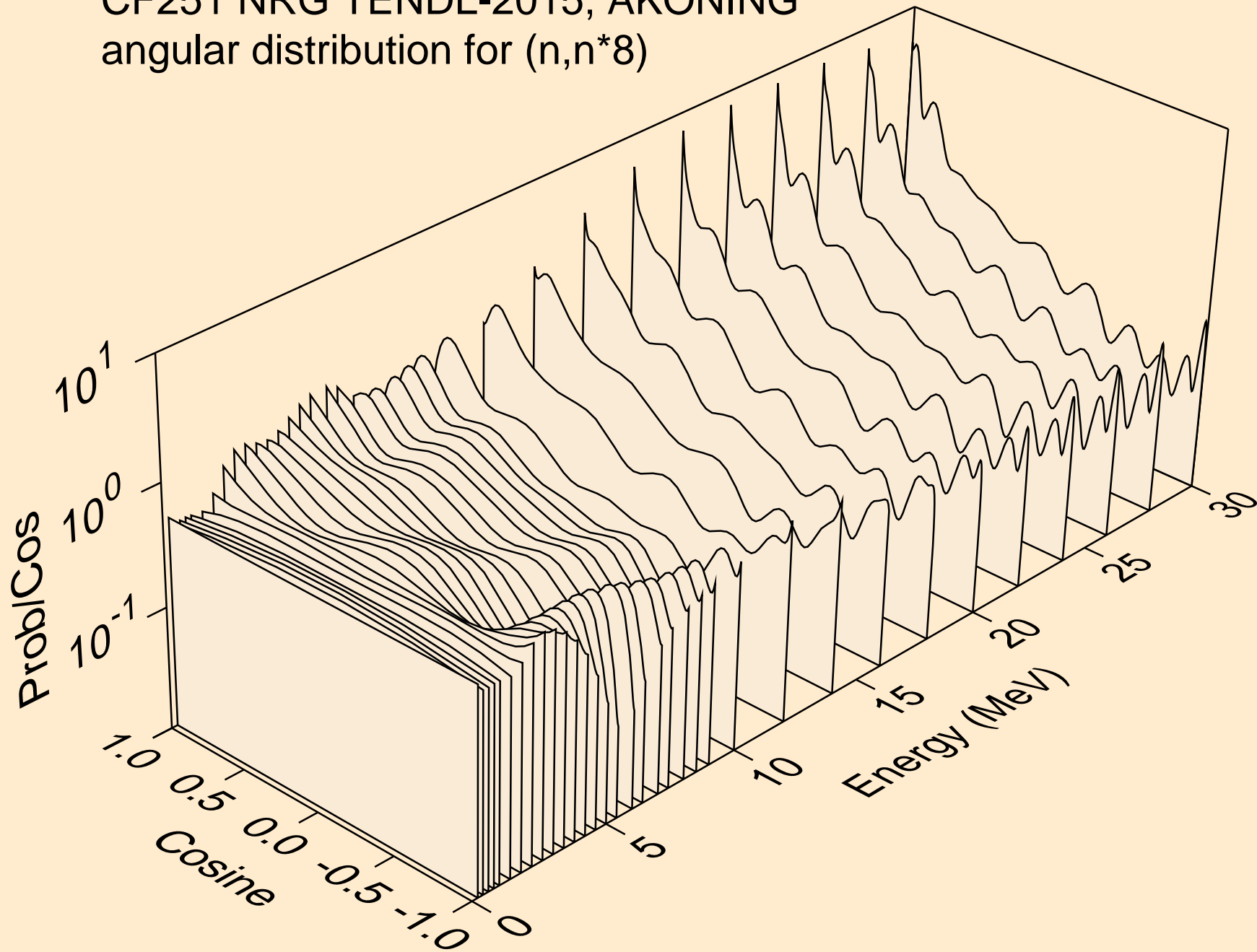


CF251 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

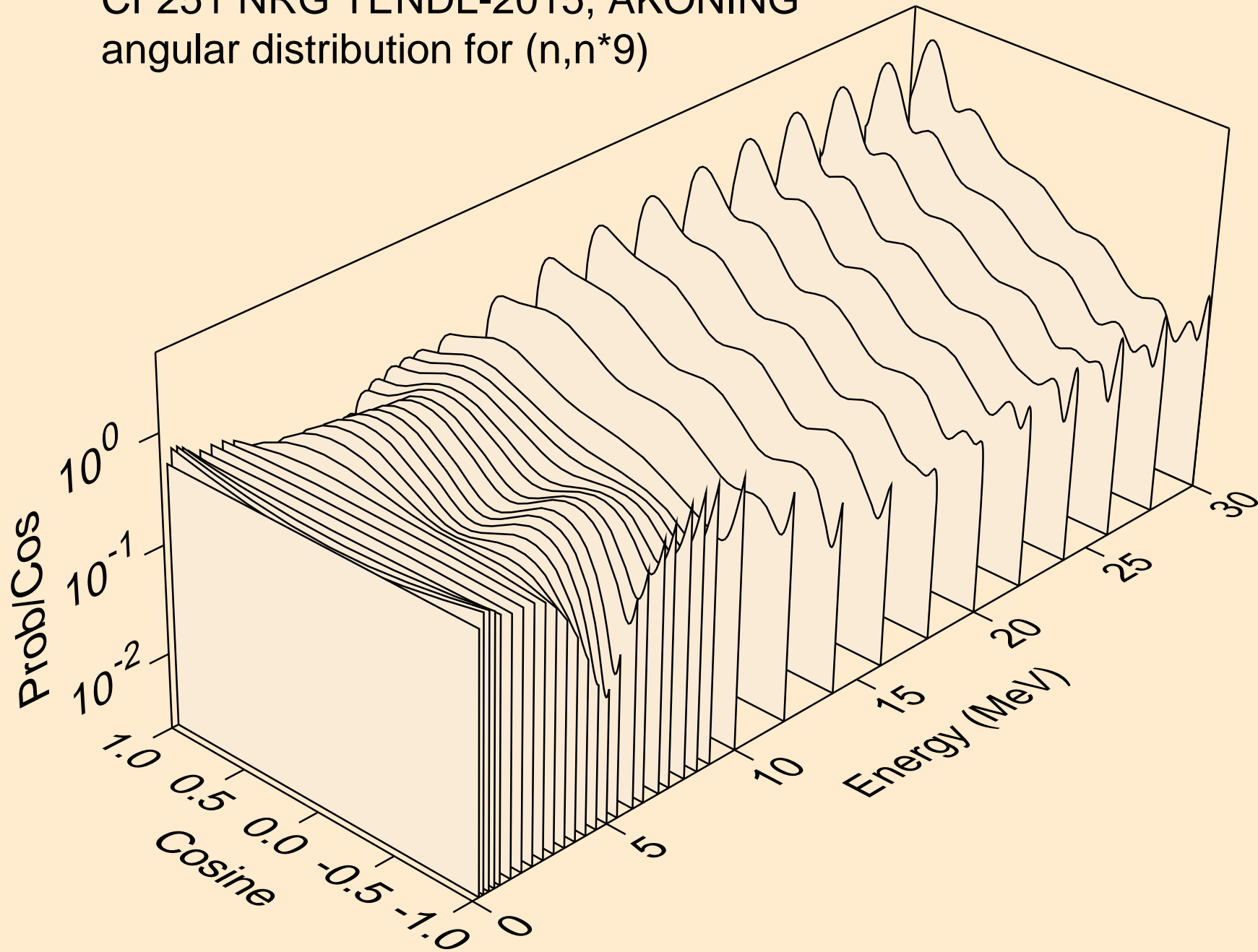




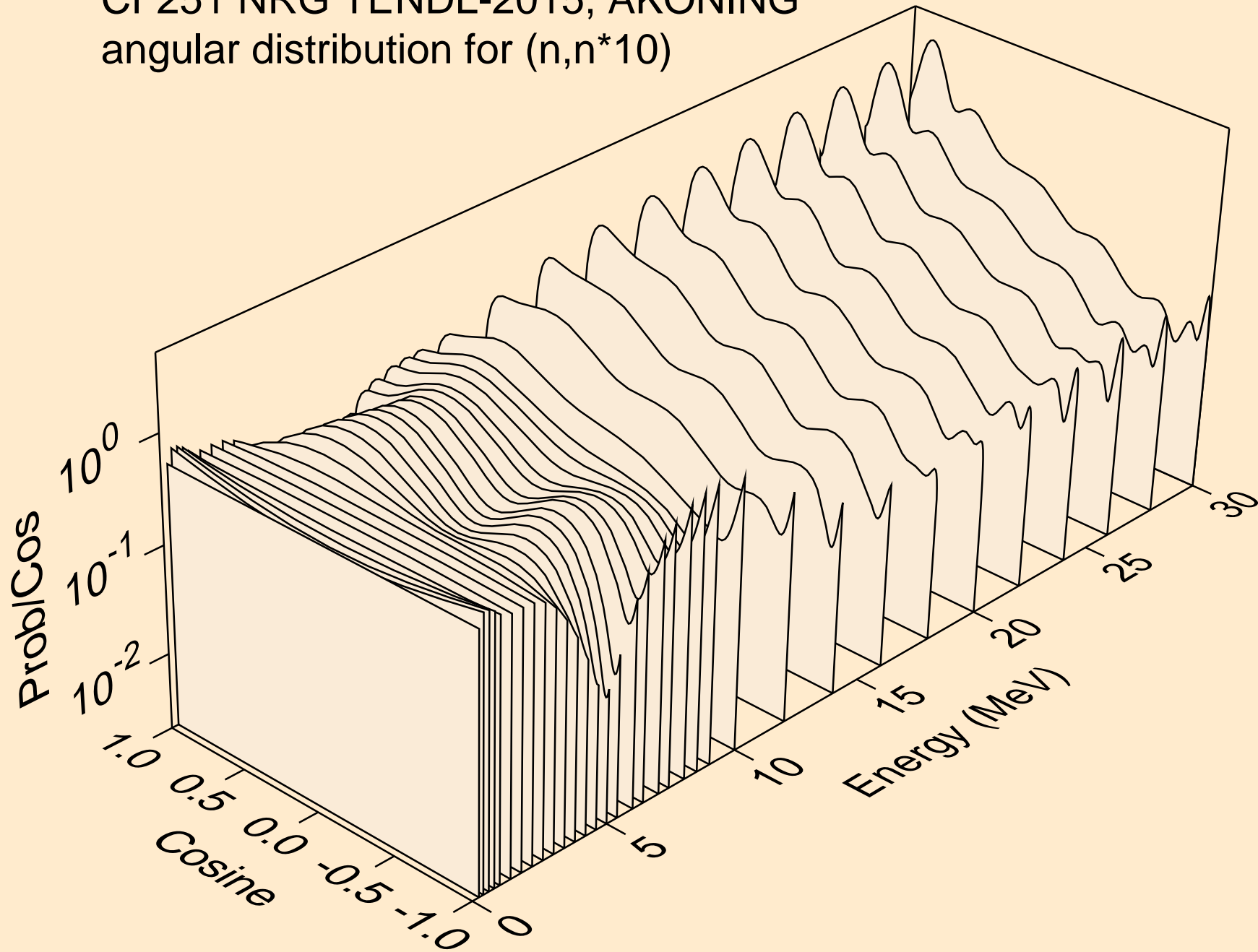
CF251 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



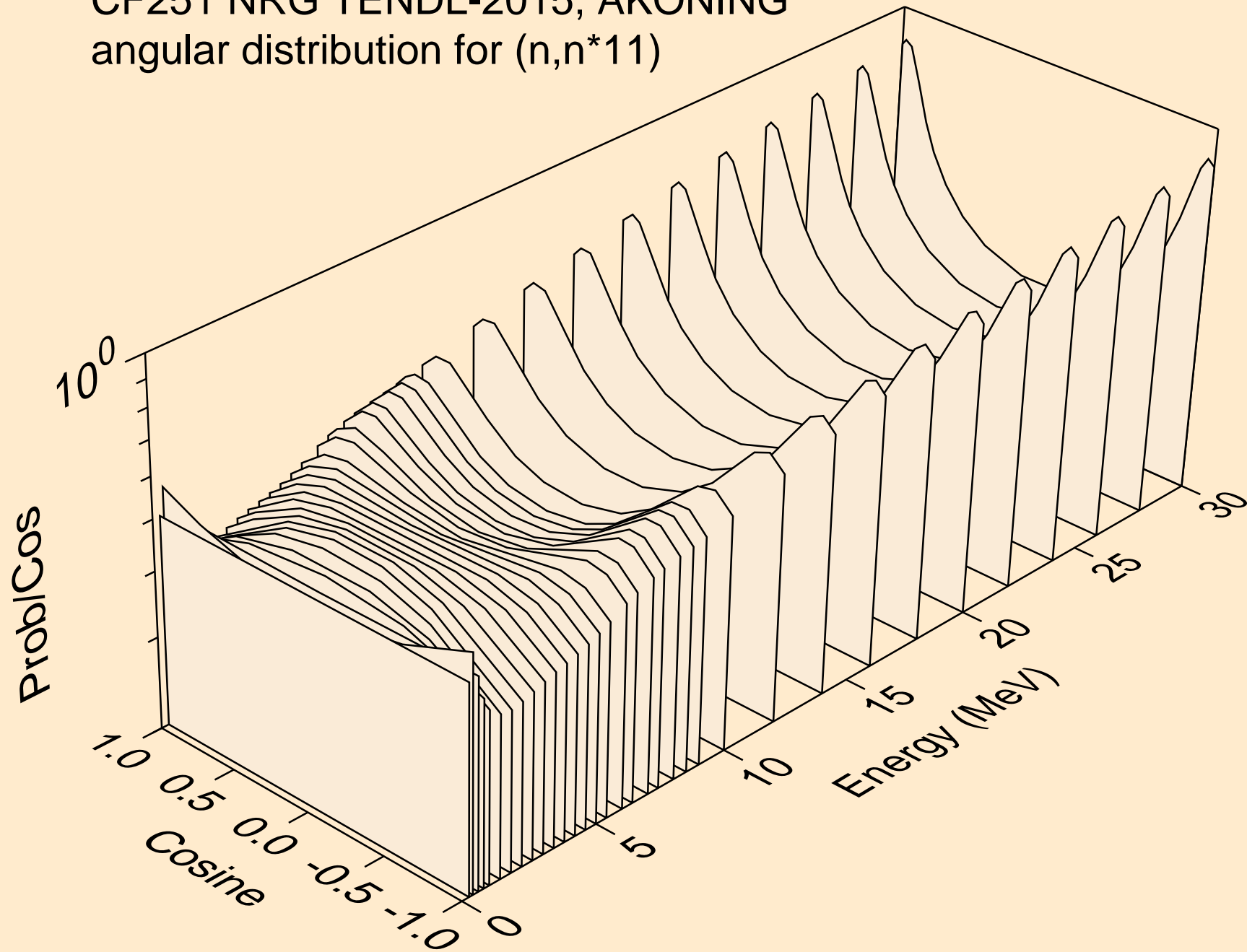
CF251 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



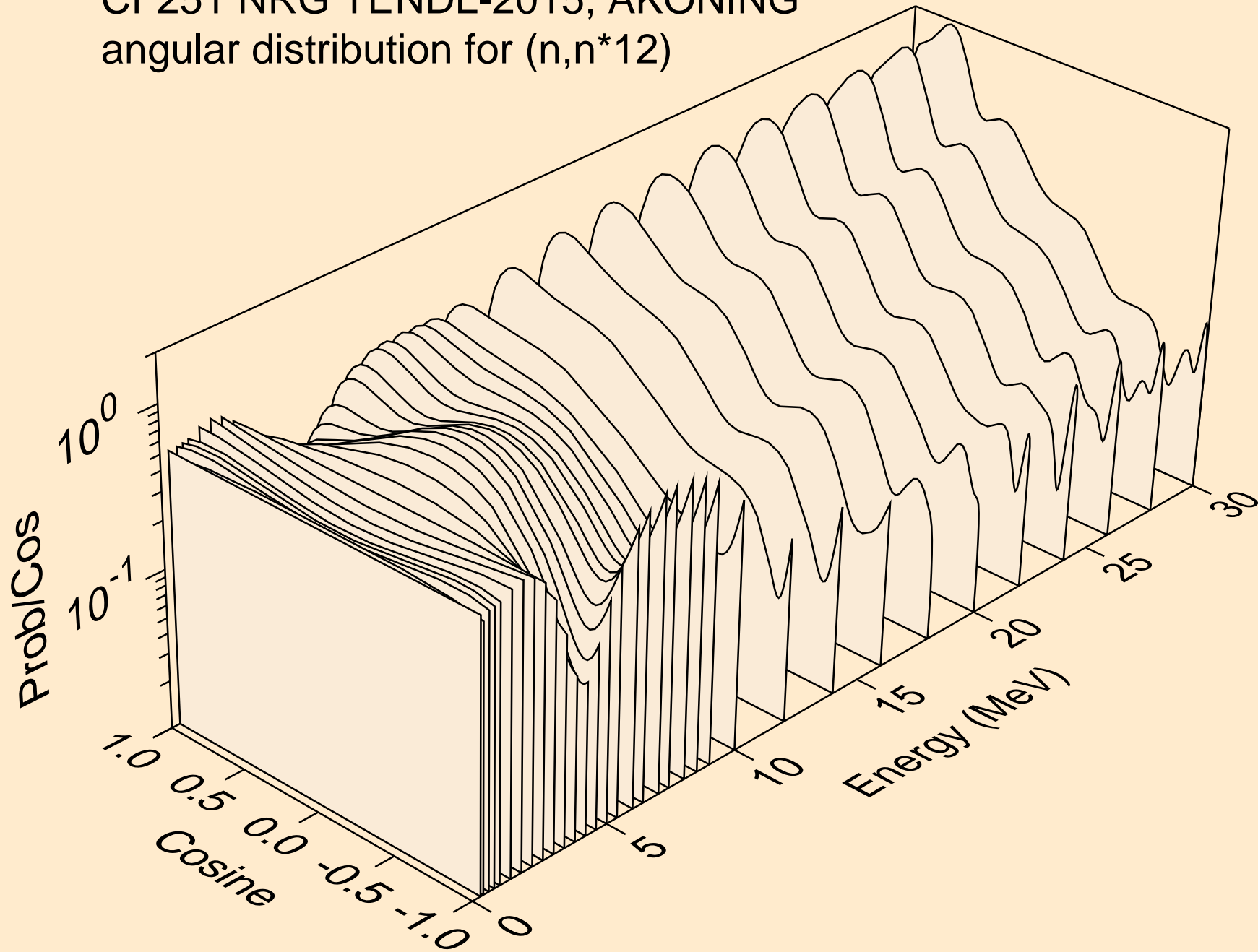
CF251 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



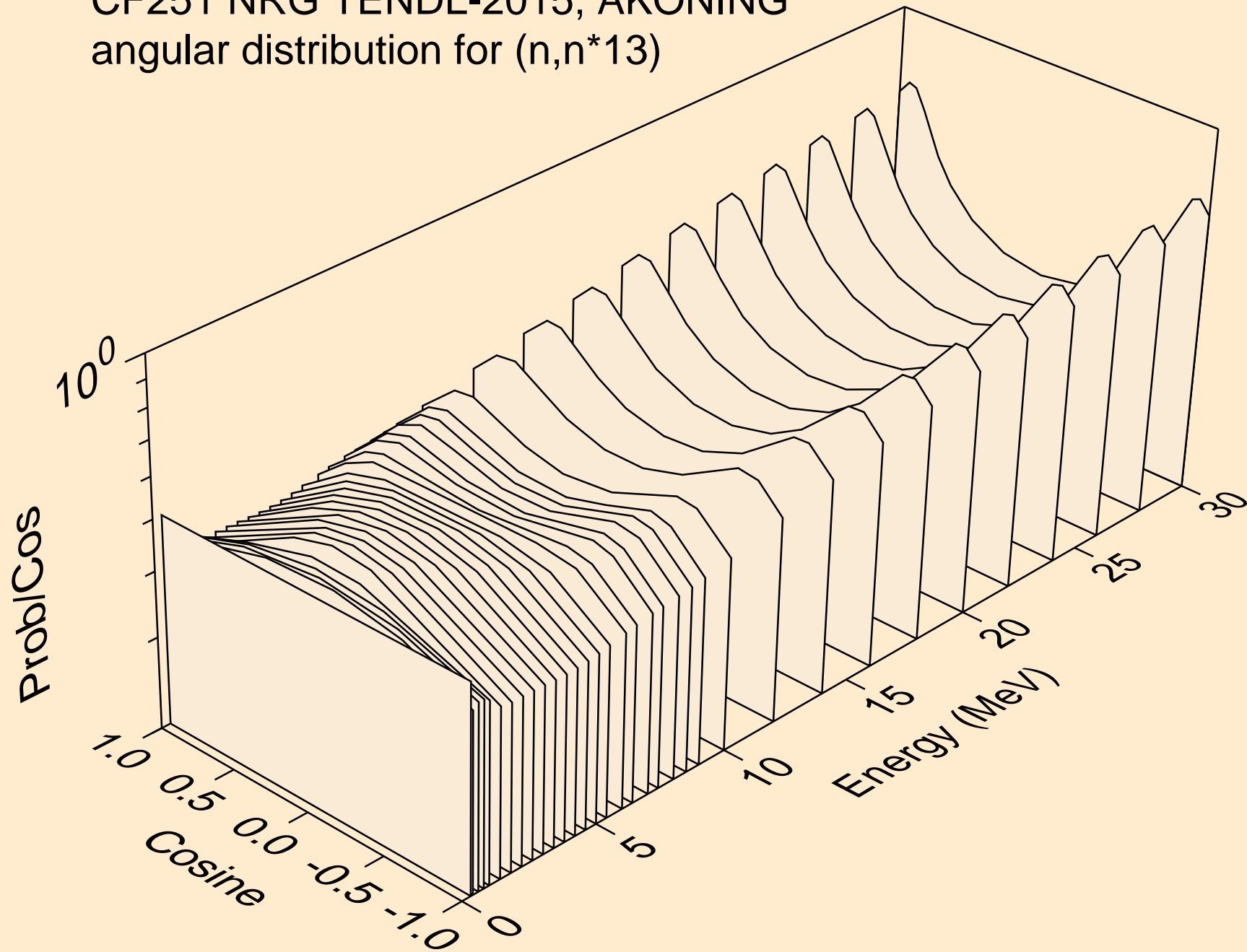
CF251 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



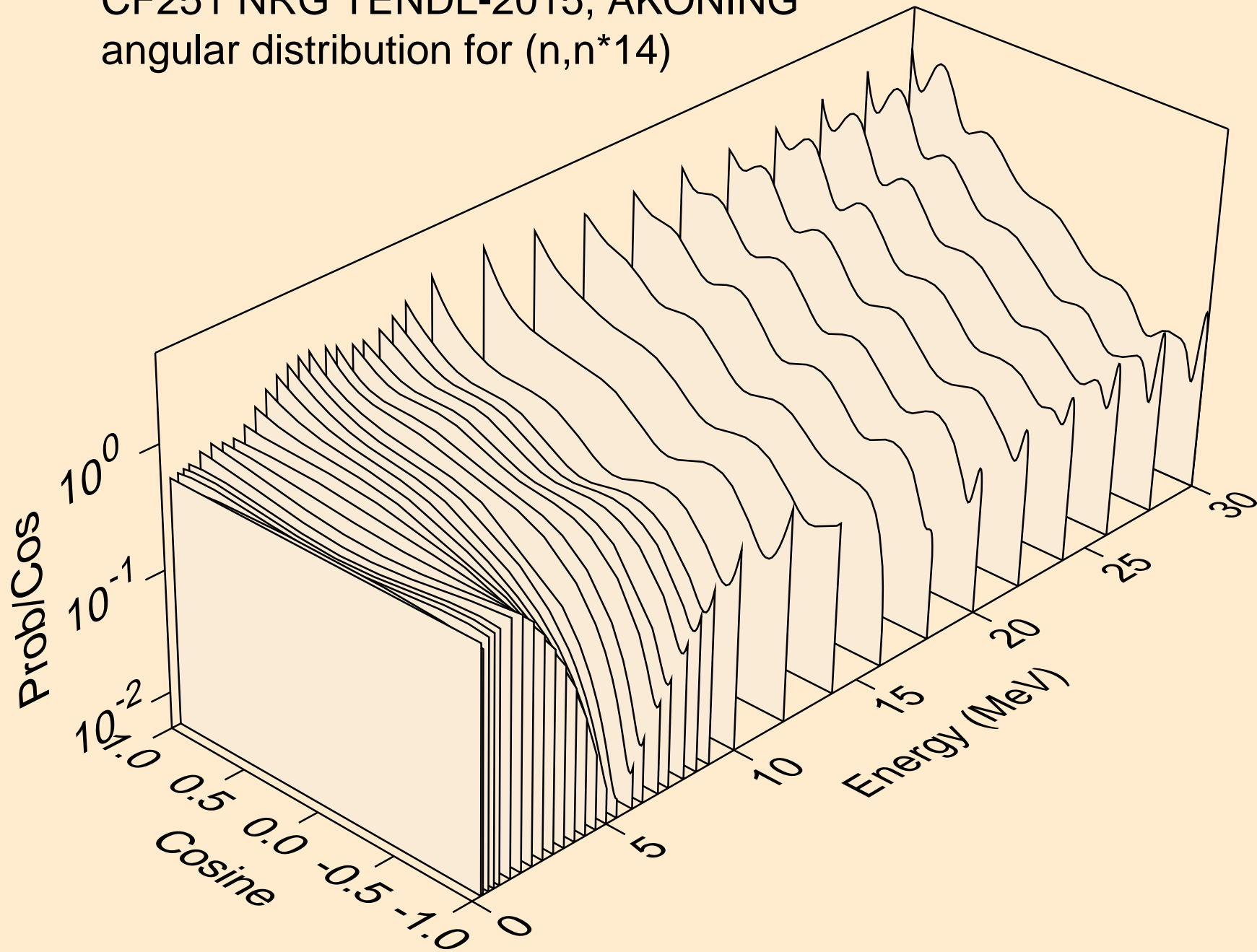
CF251 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



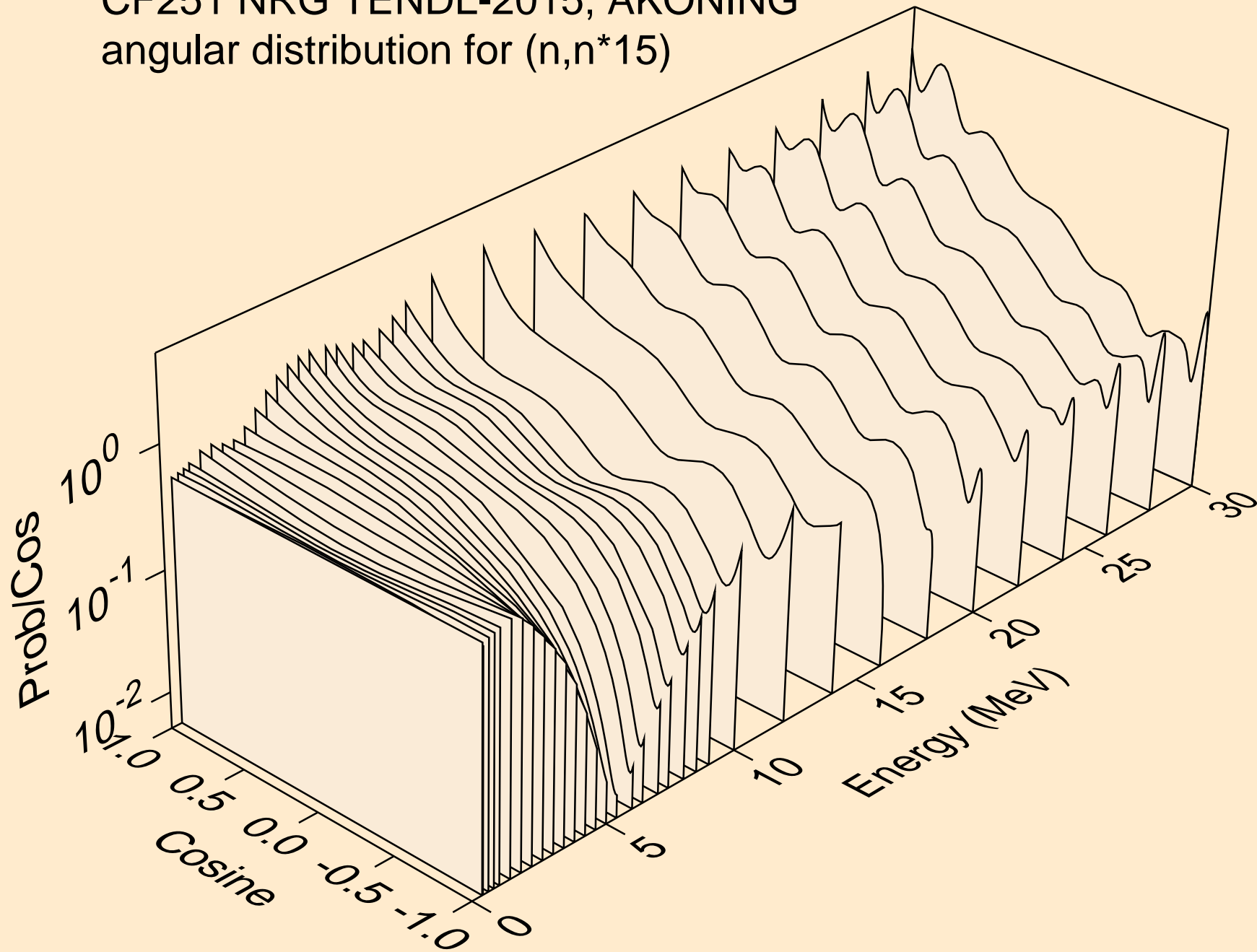
CF251 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



CF251 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

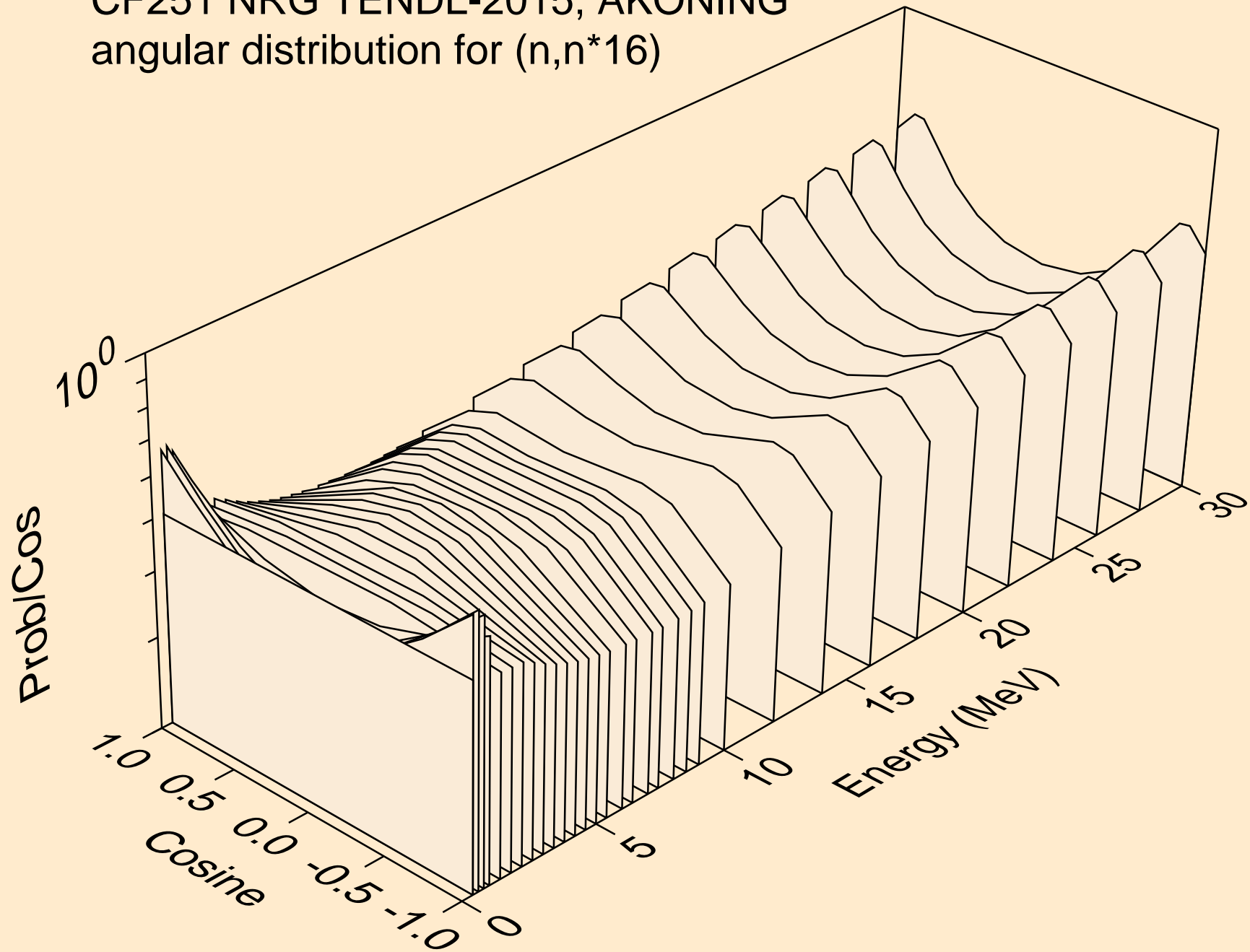


CF251 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

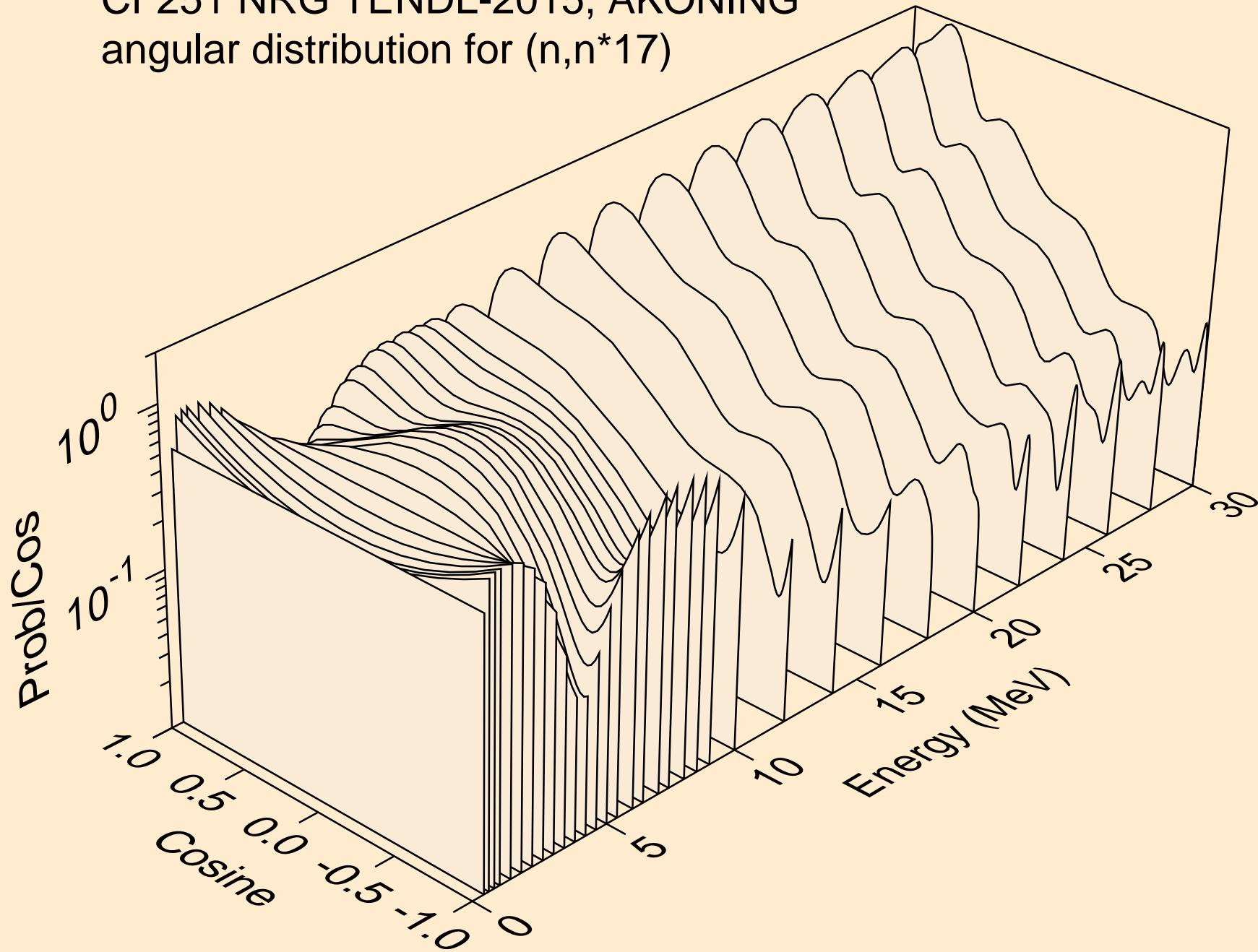




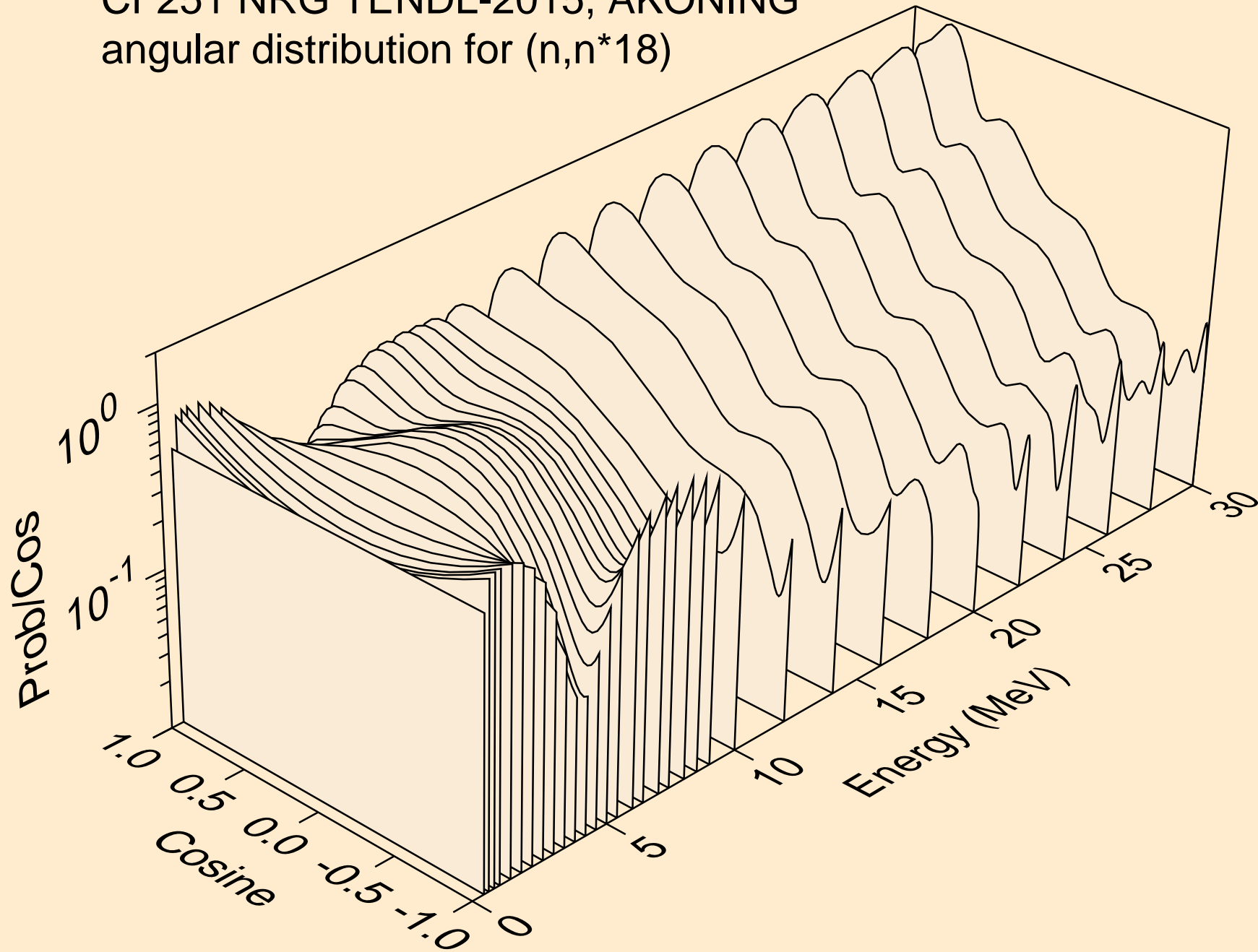
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angular distribution for (n,n\*16)



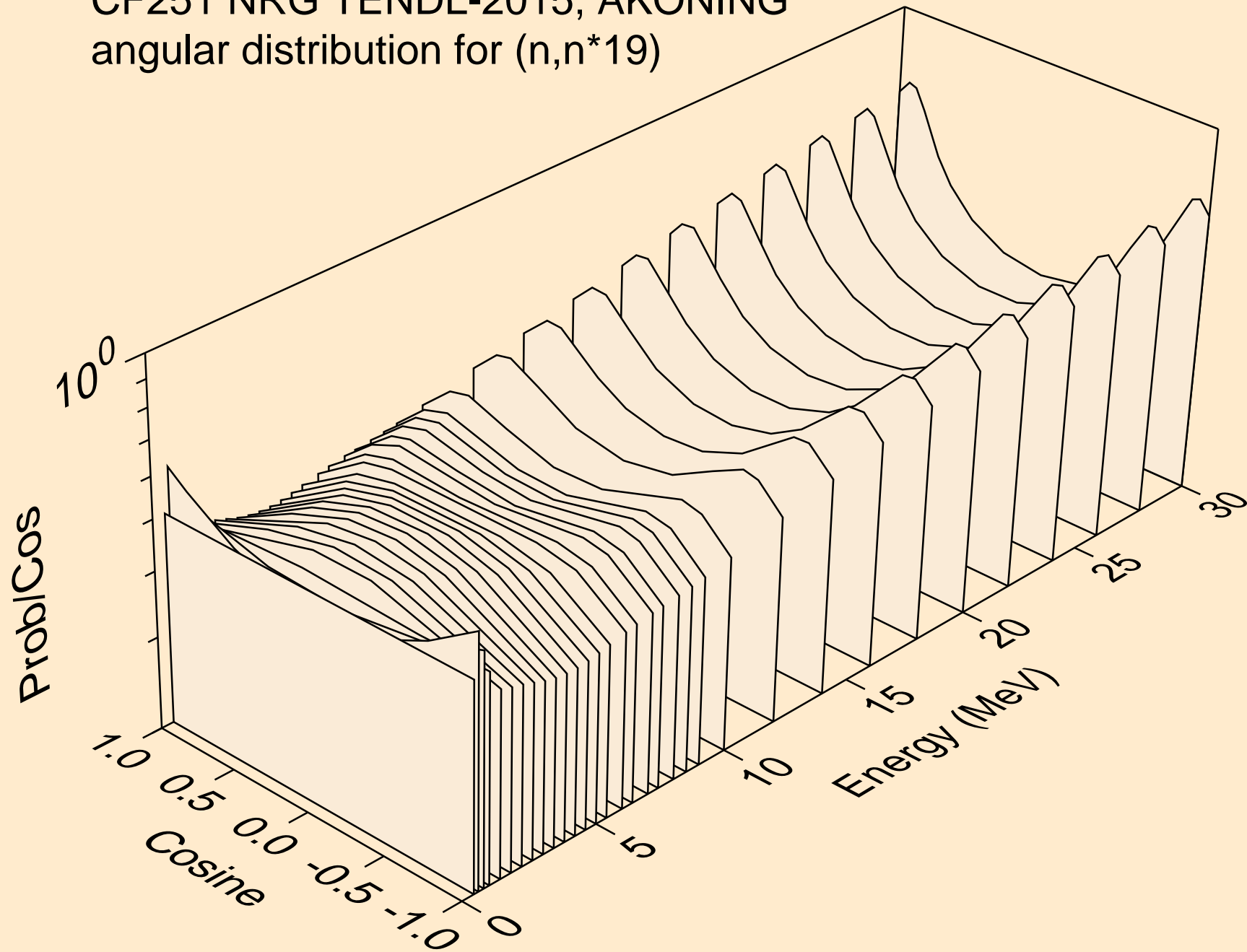
CF251 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



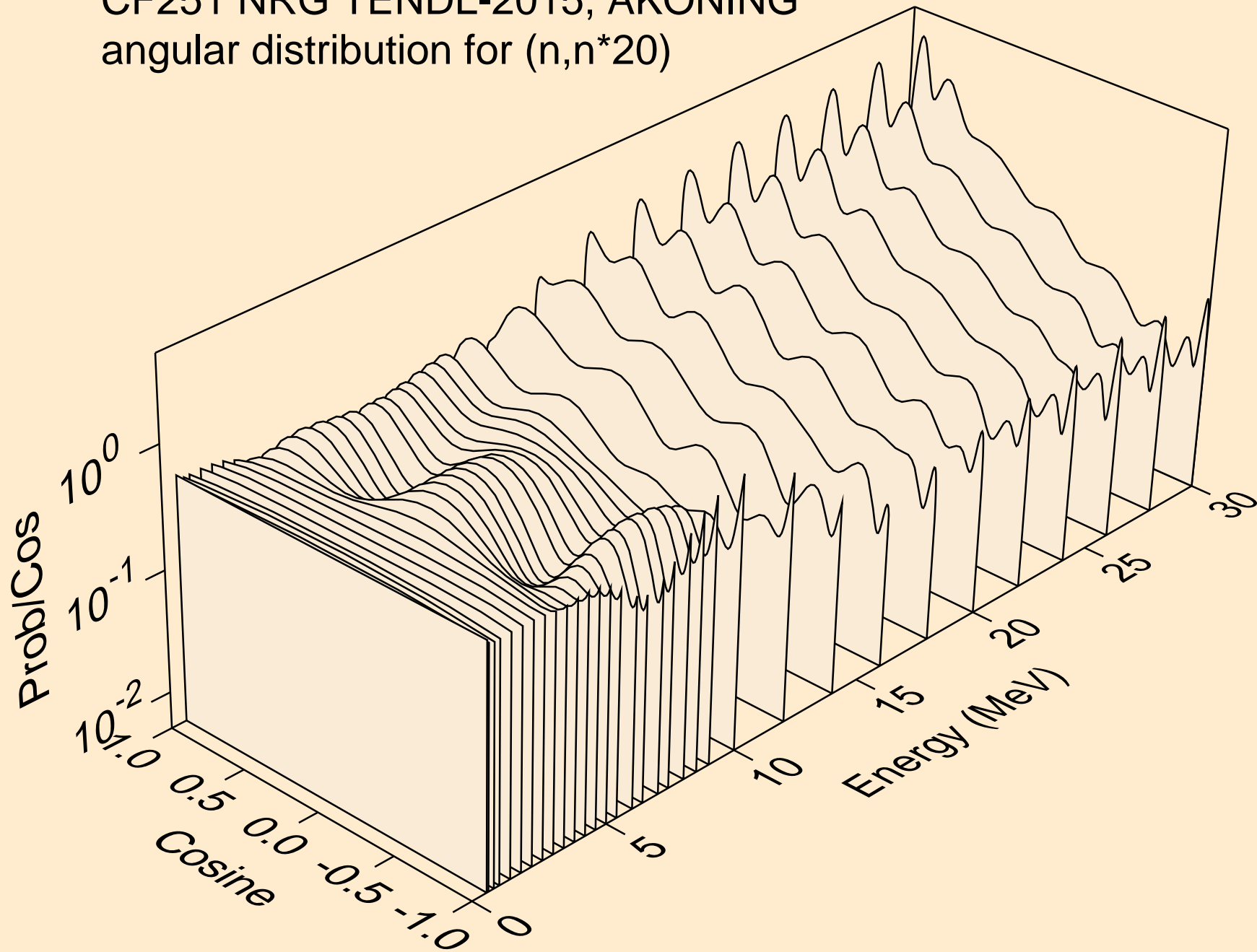
CF251 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



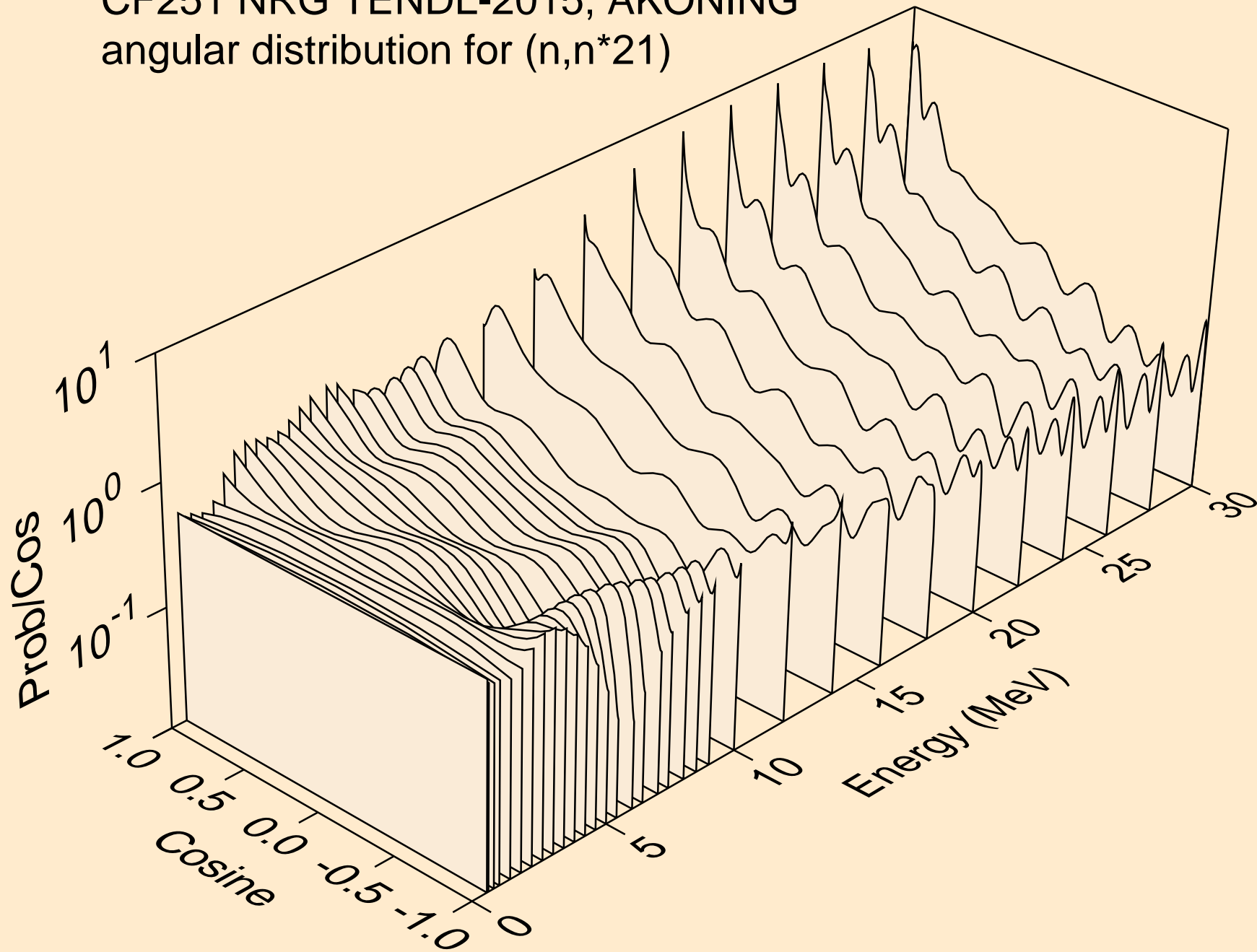
CF251 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



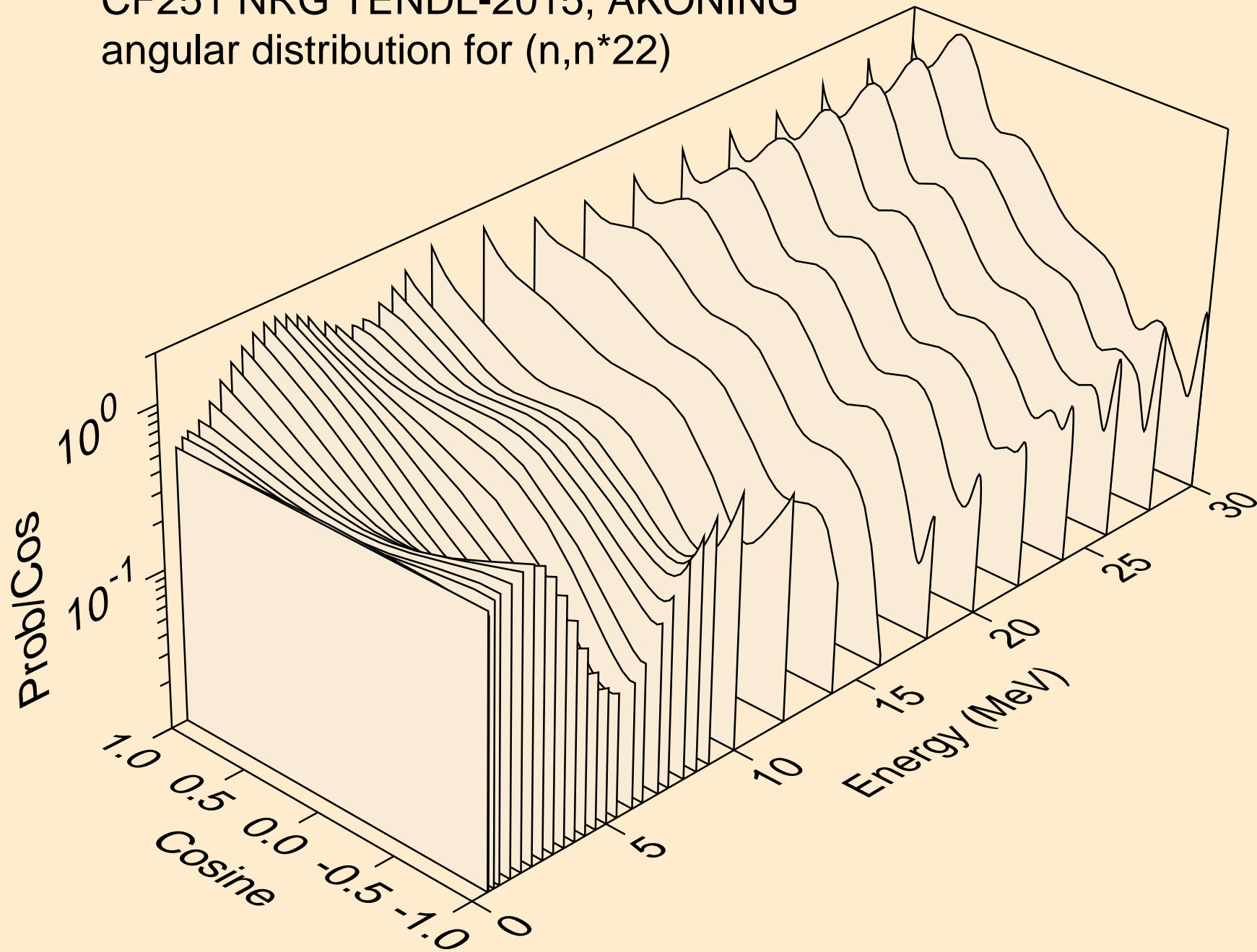
CF251 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



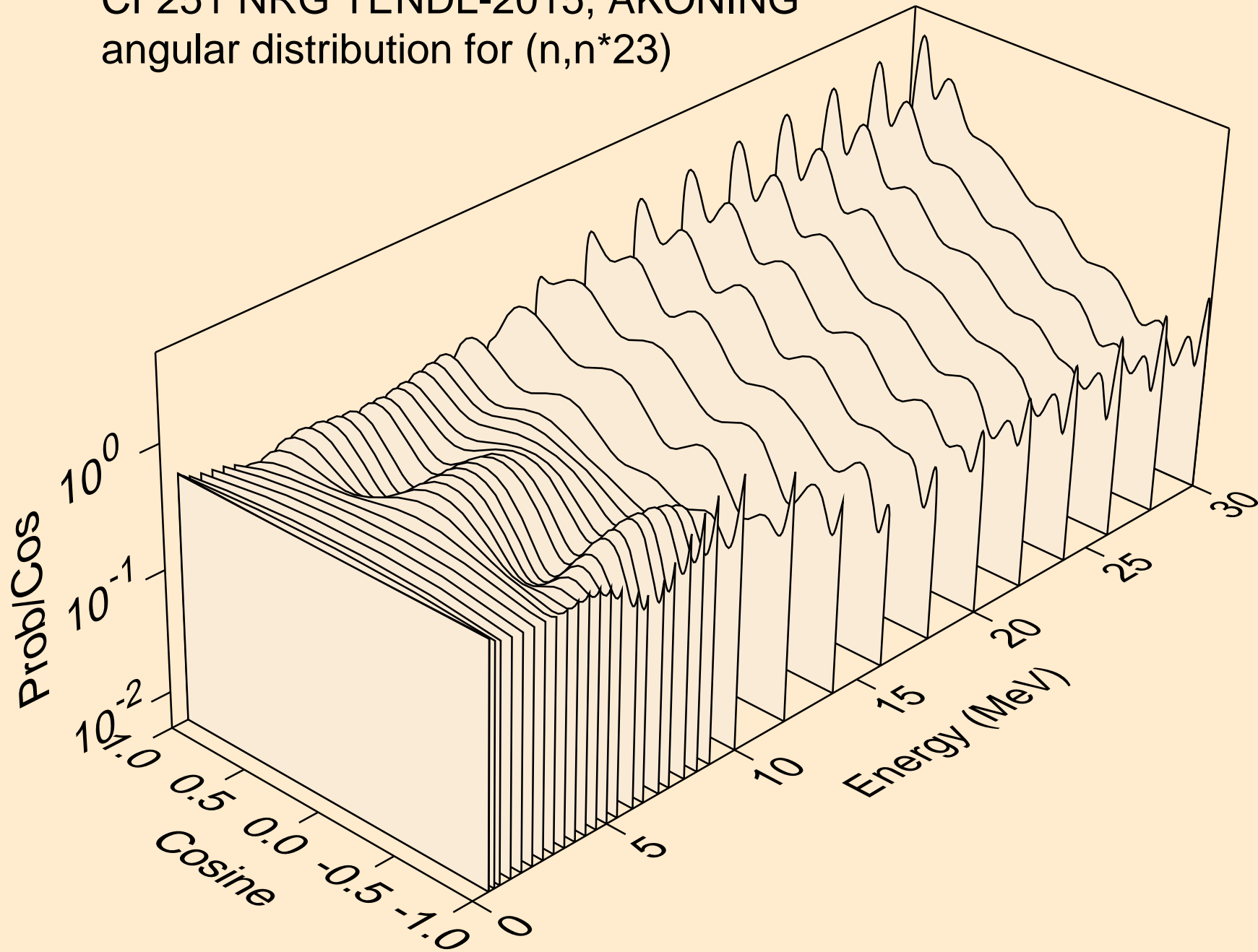
CF251 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



CF251 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

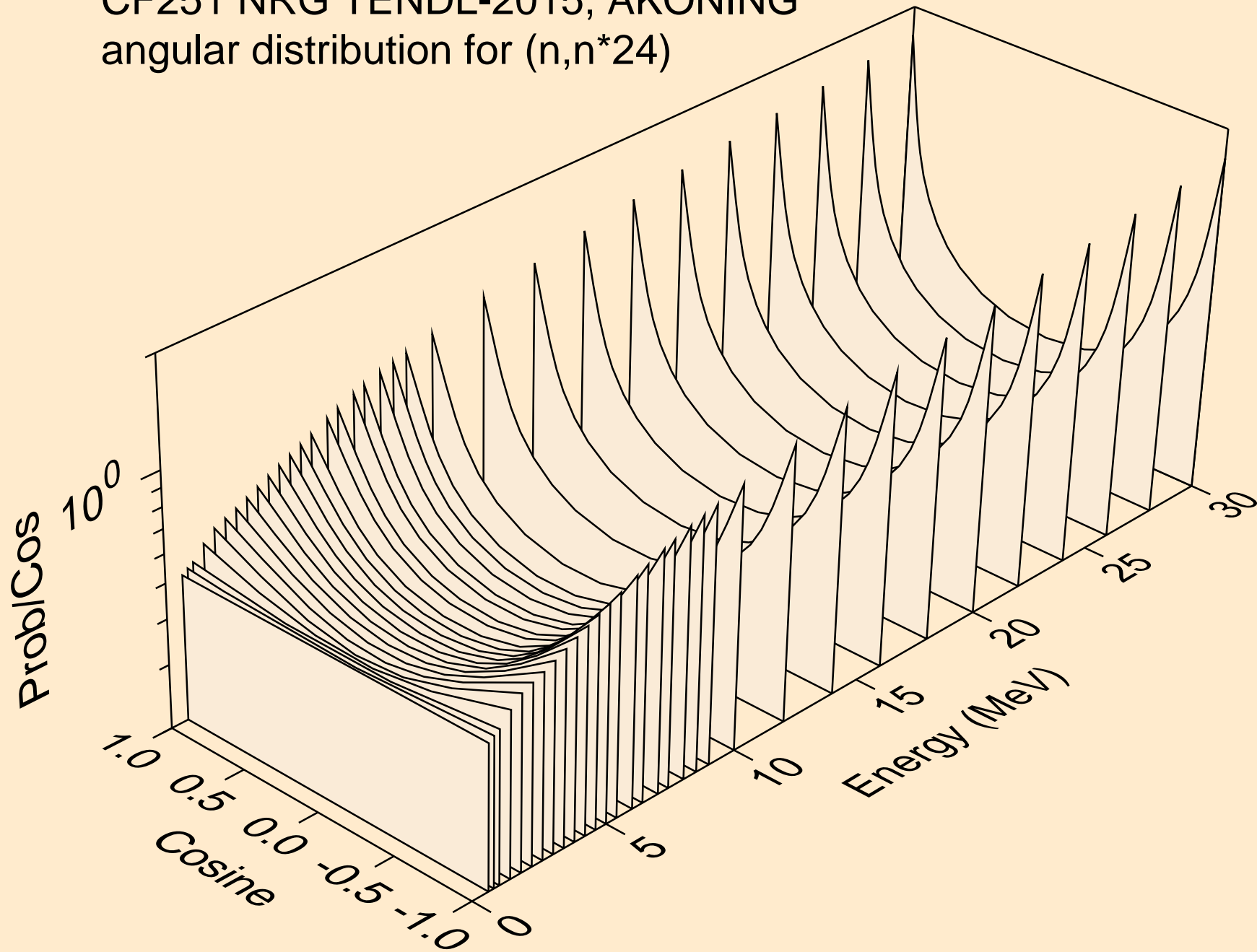


CF251 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)

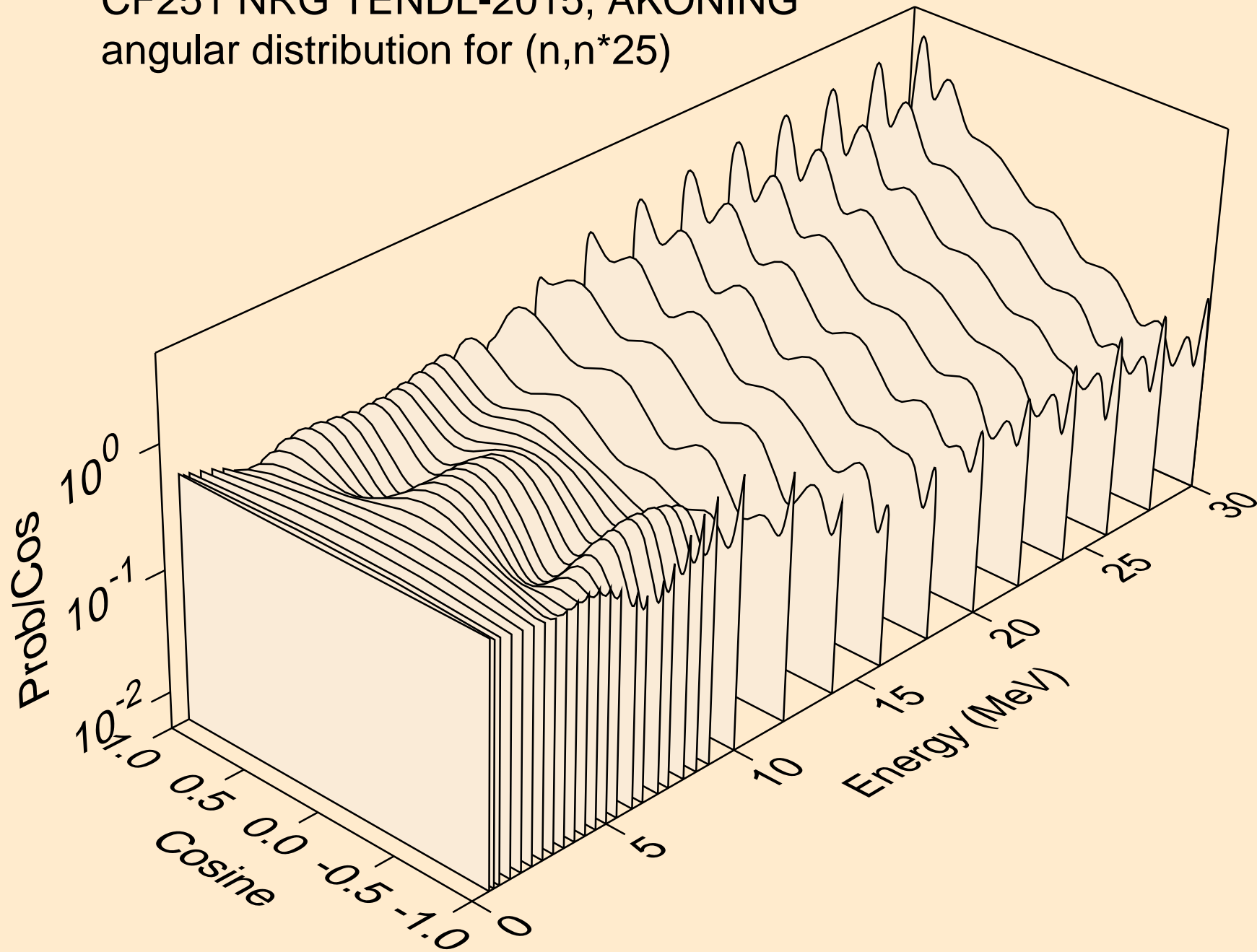




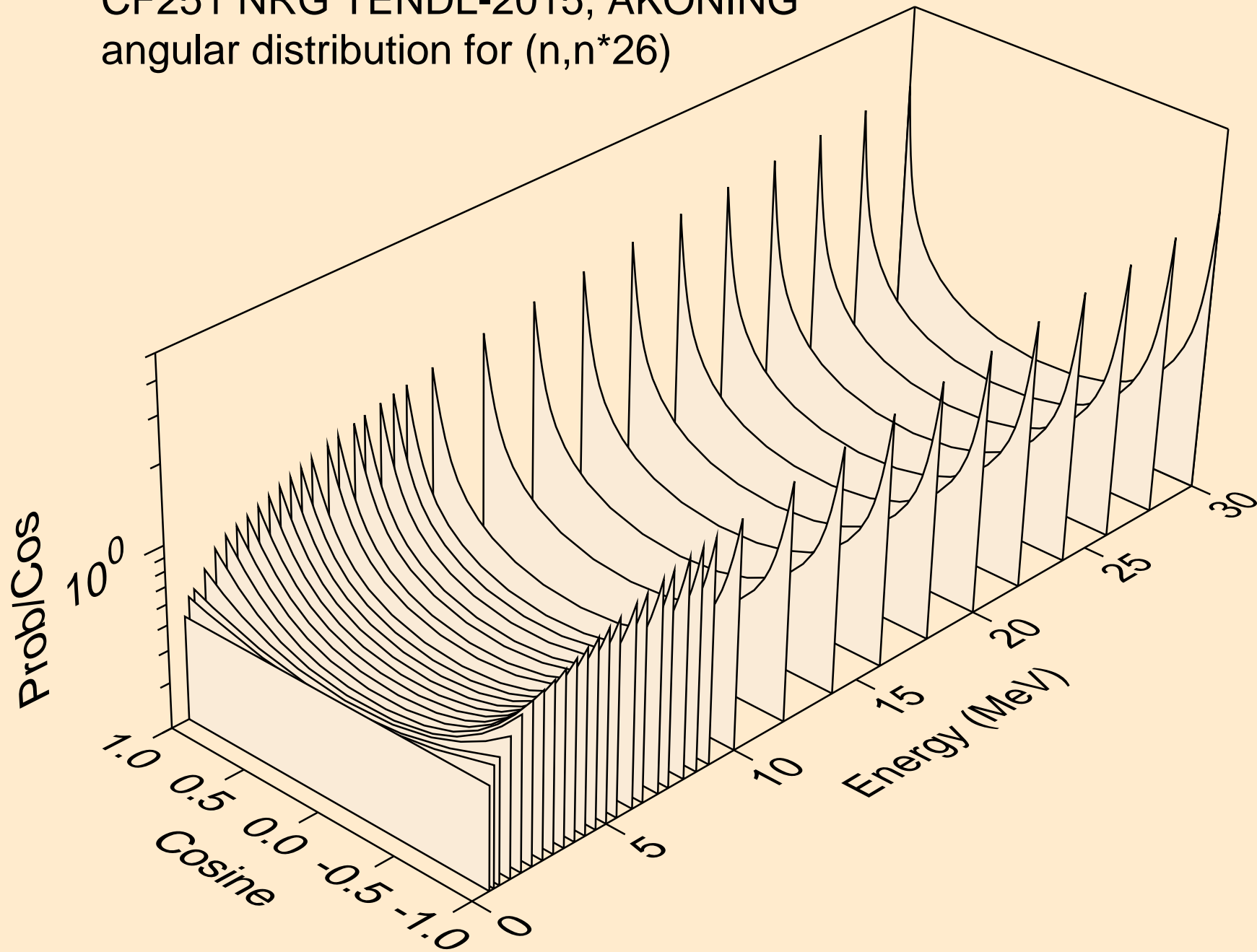
CF251 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



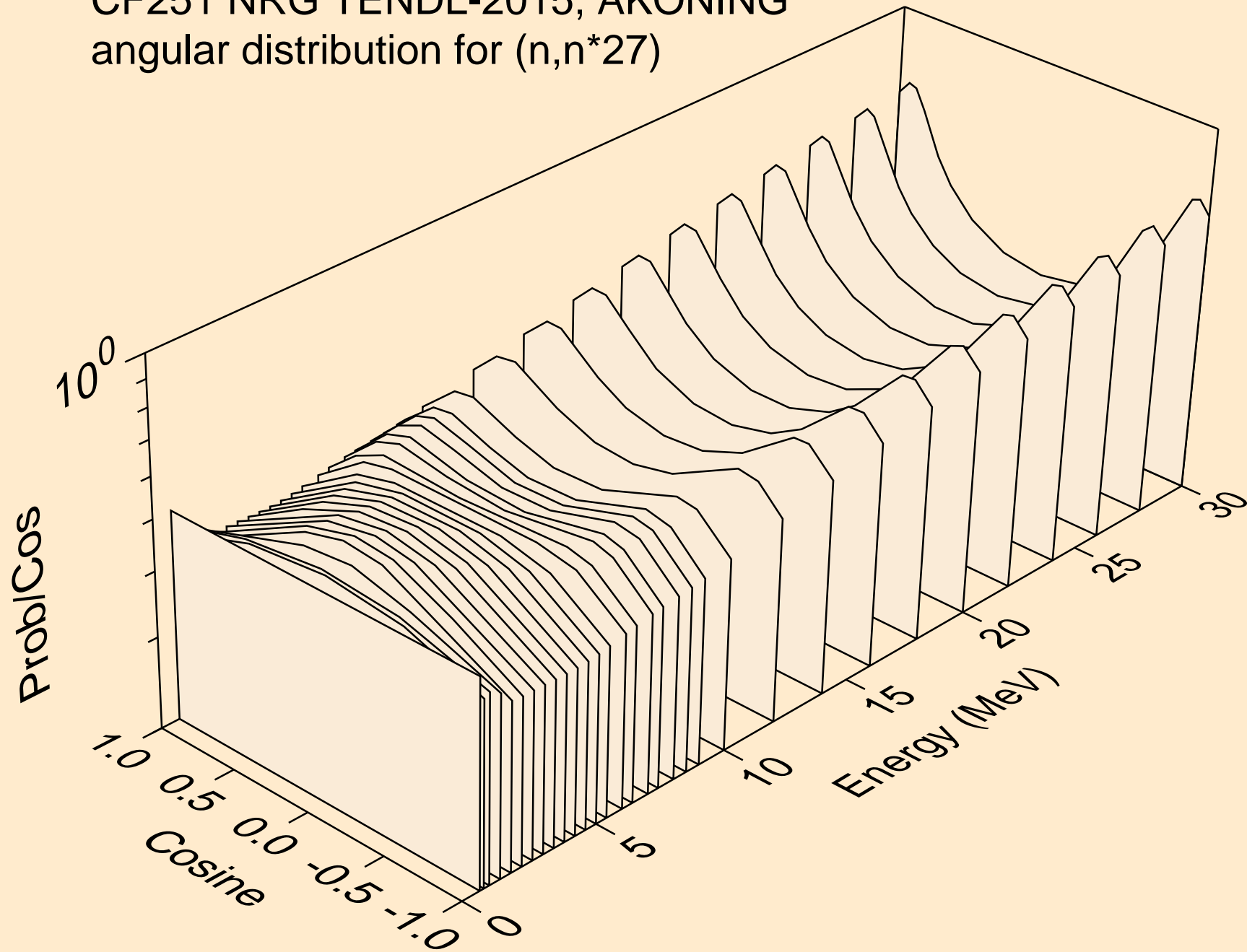
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angular distribution for (n,n\*25)



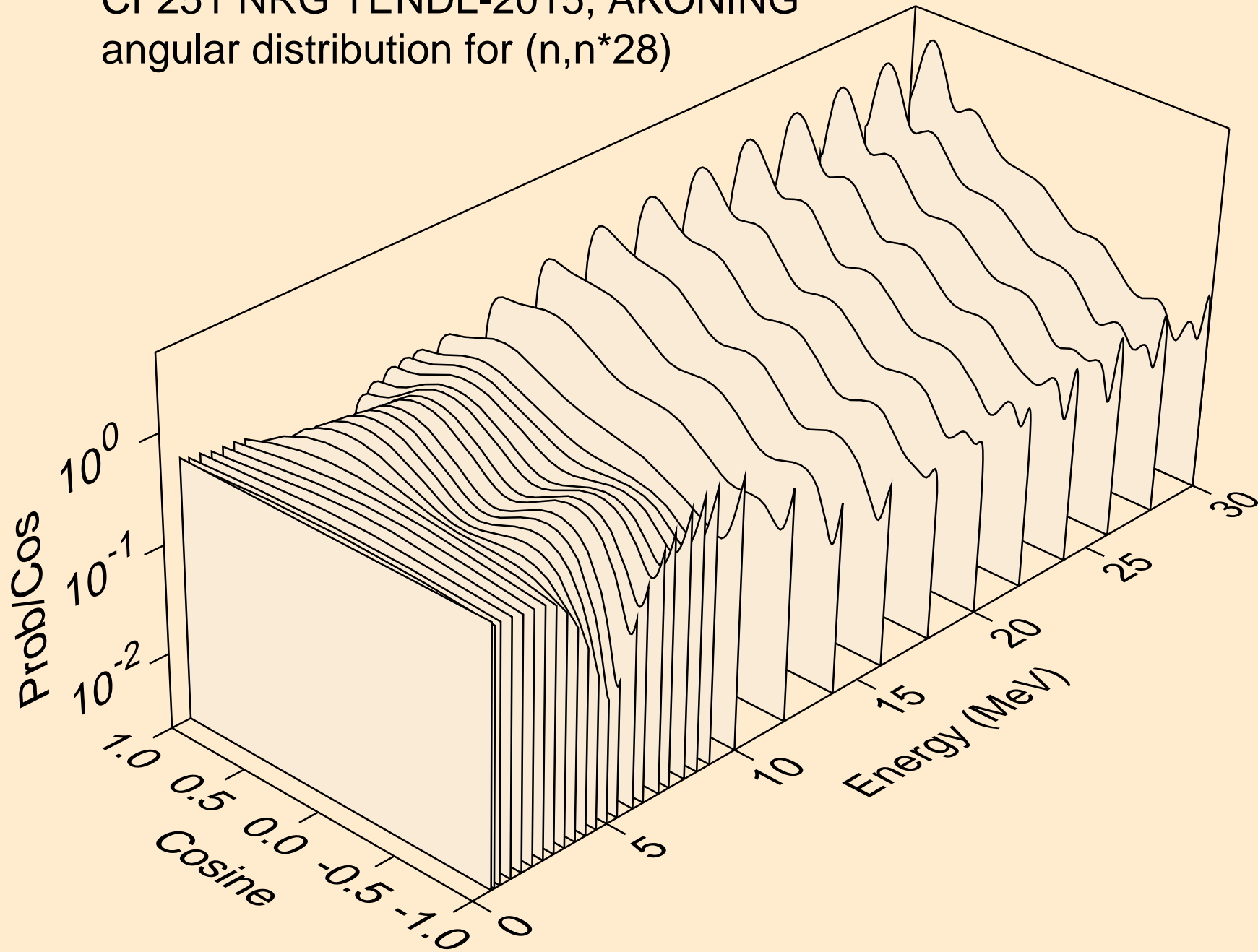
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angular distribution for (n,n\*26)



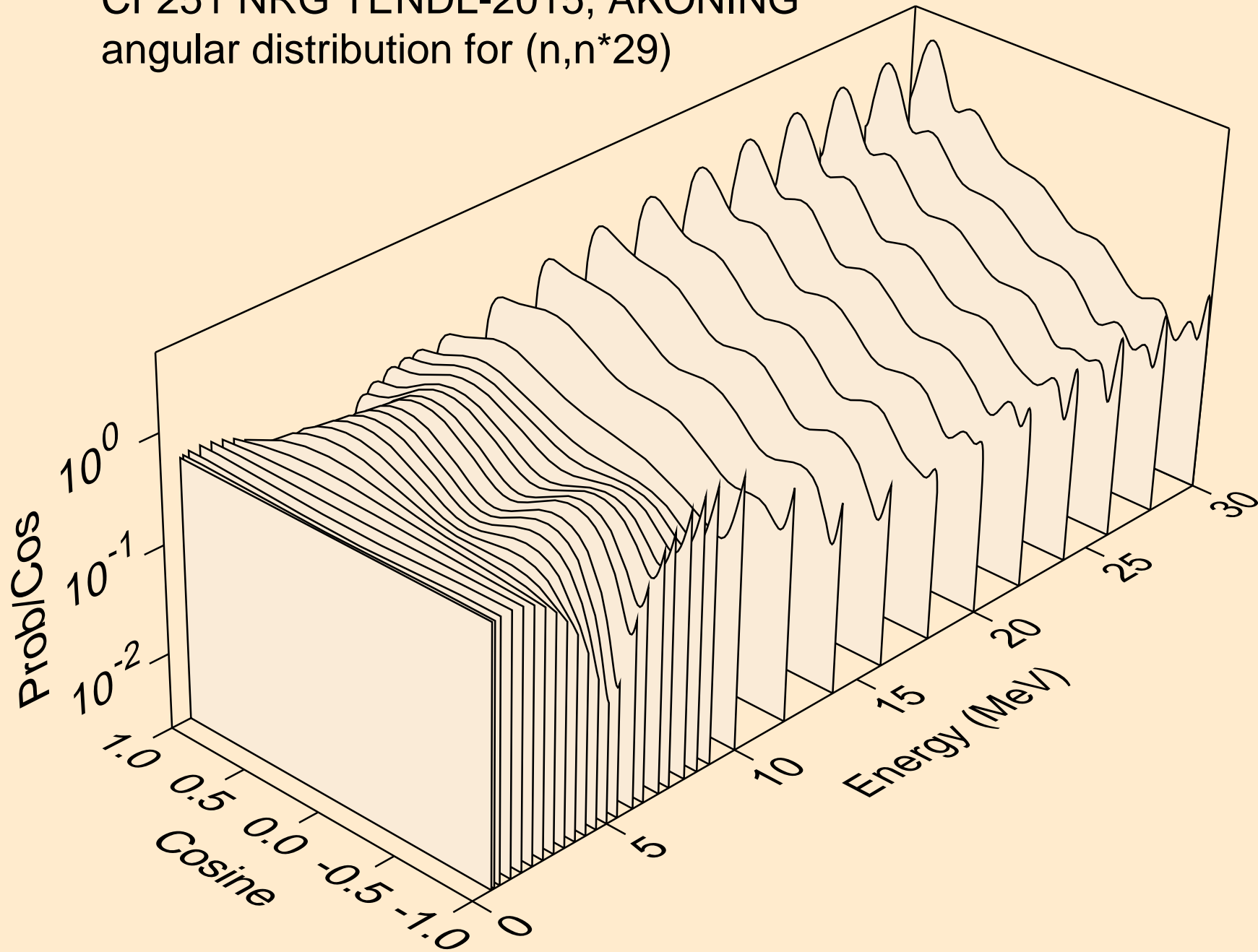
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angular distribution for (n,n\*27)



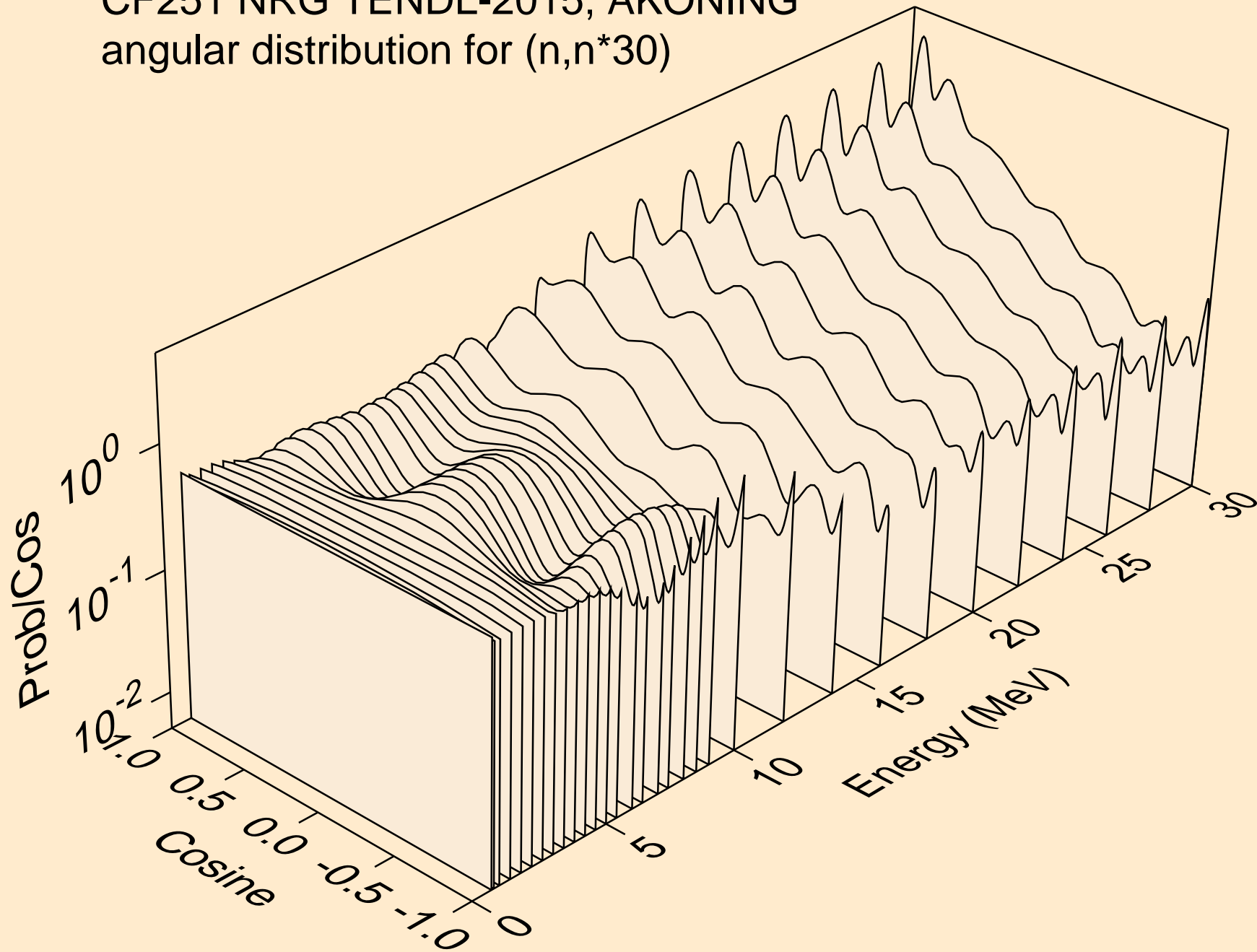
CF251 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



CF251 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)

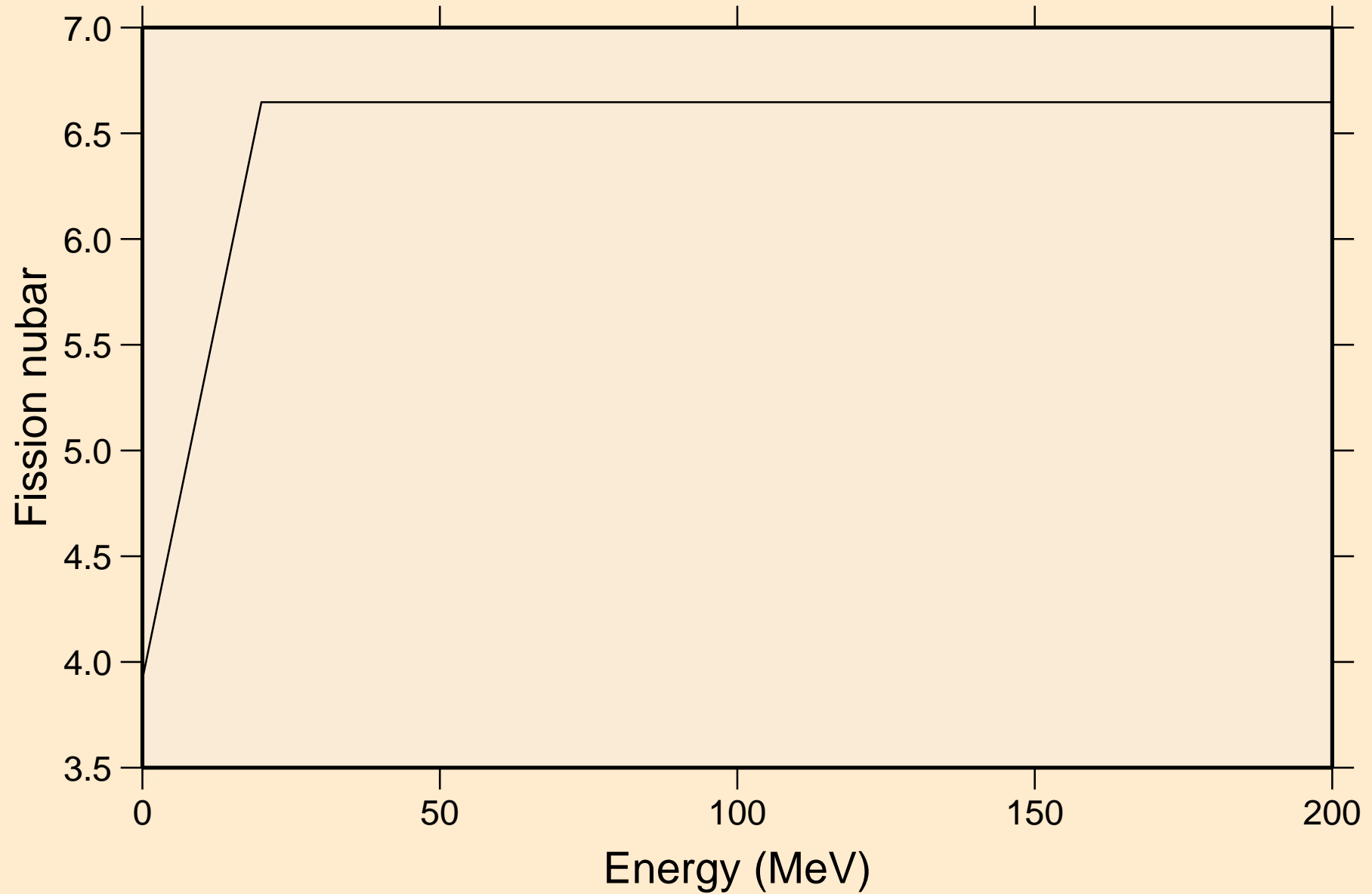


CF251 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)



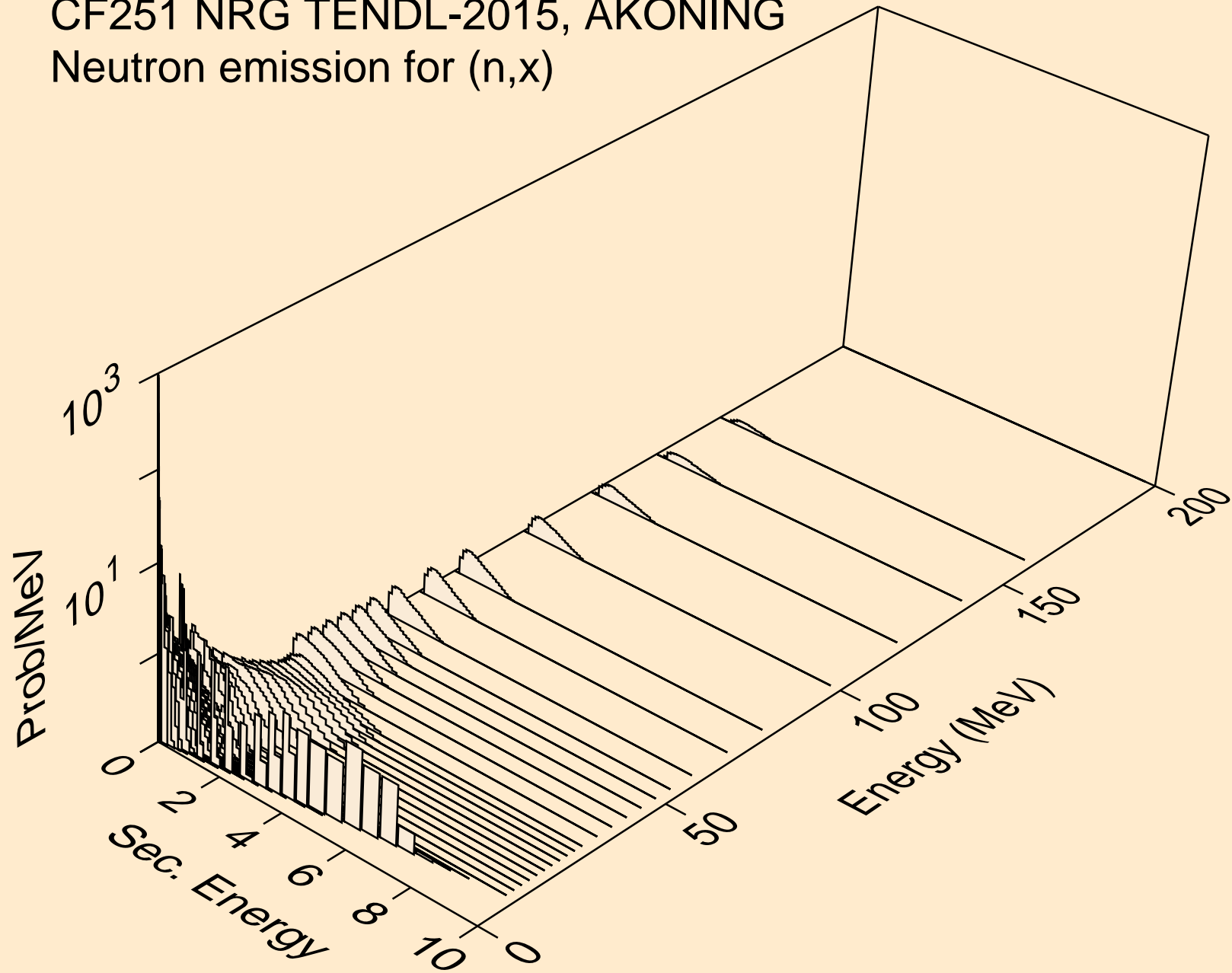
# CF251 NRG TENDL-2015, AKONING

Total fission nubar

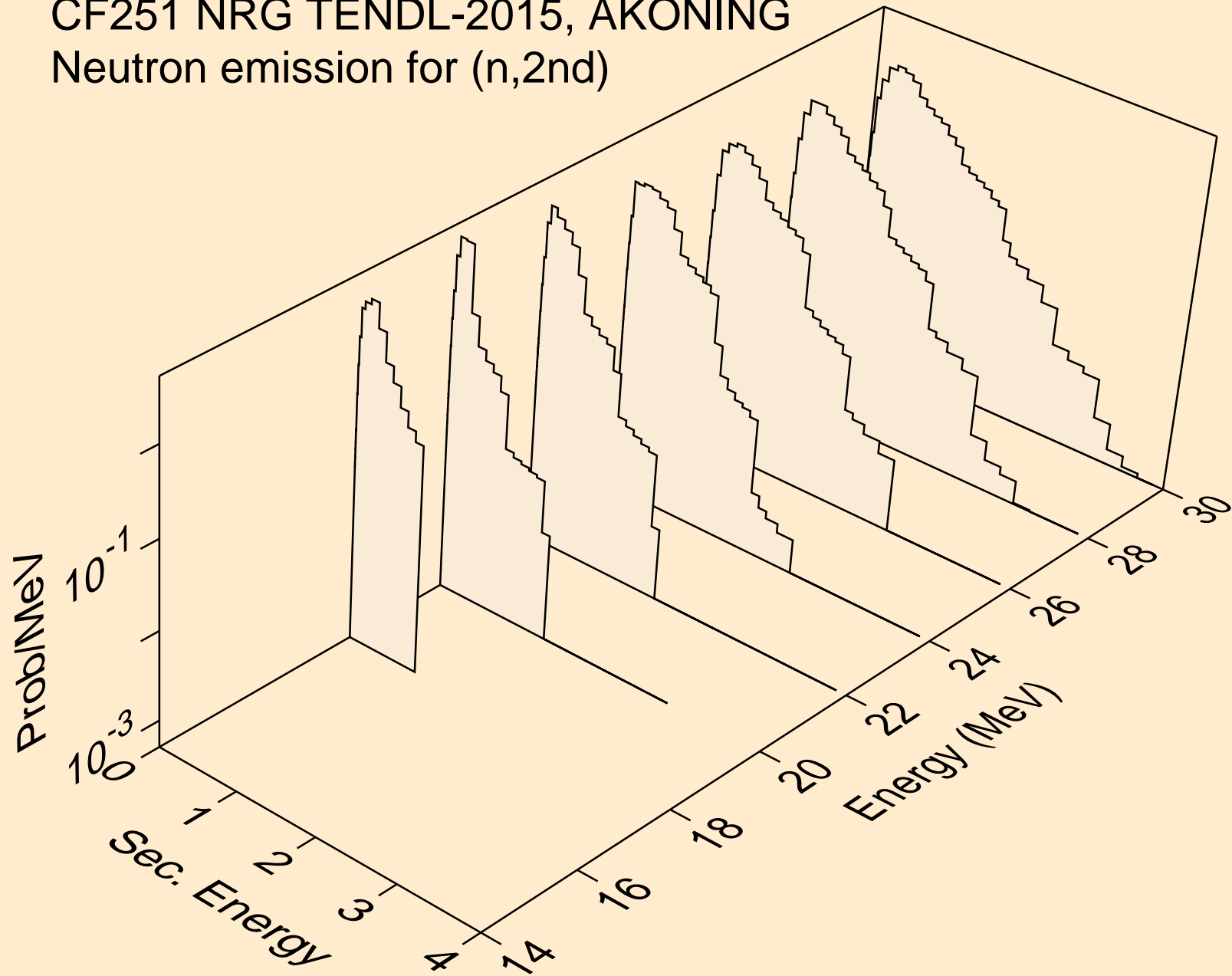




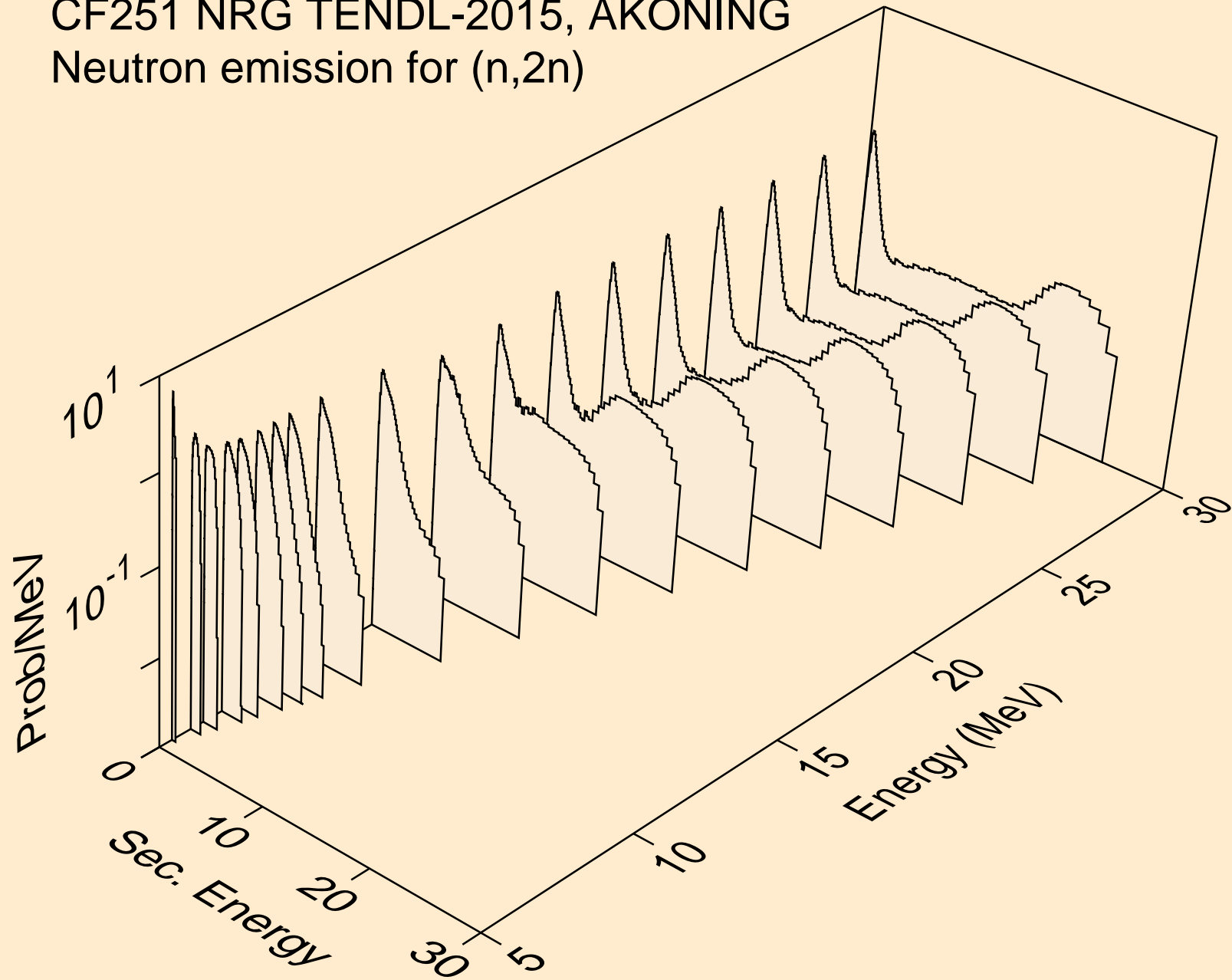
CF251 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



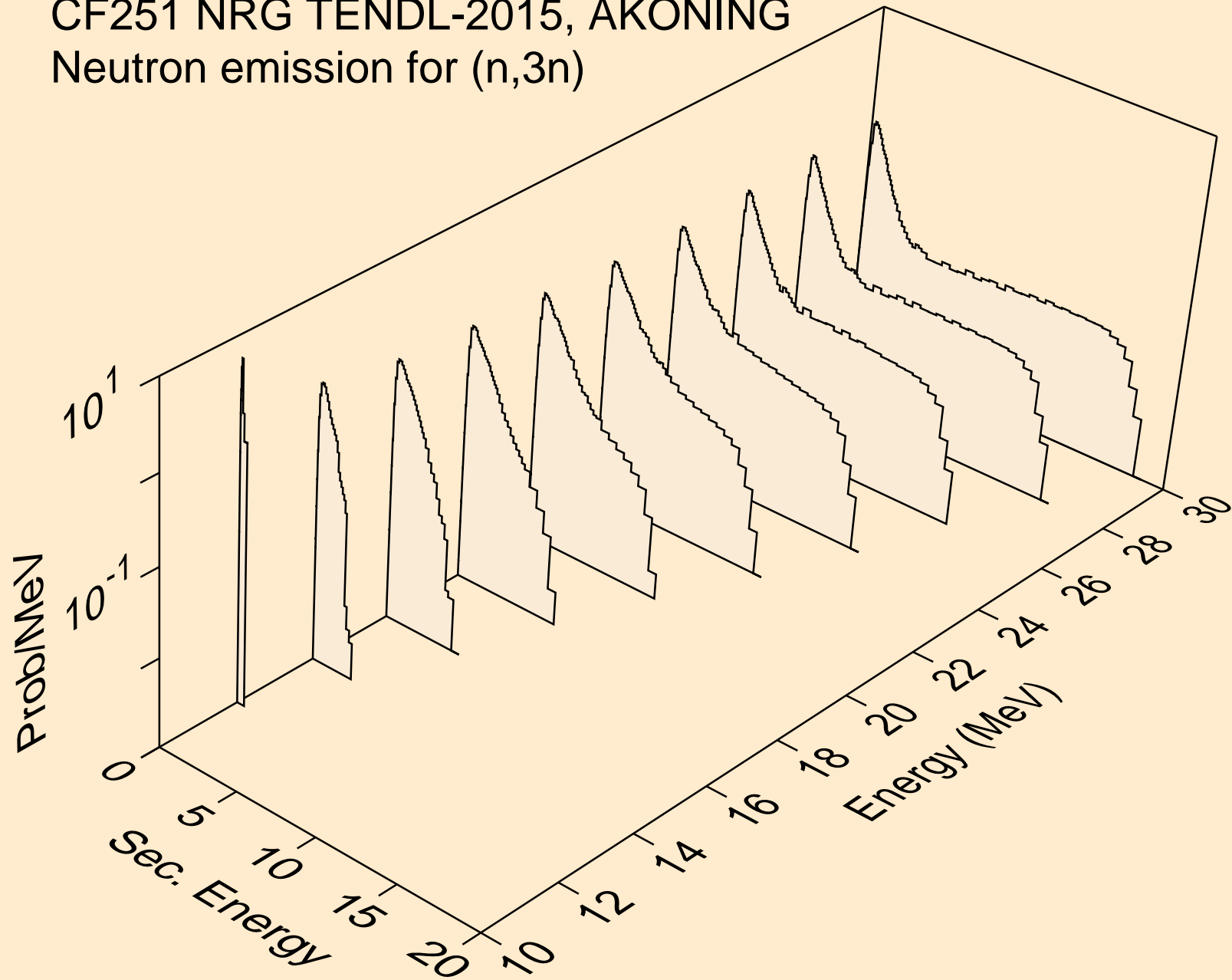
CF251 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



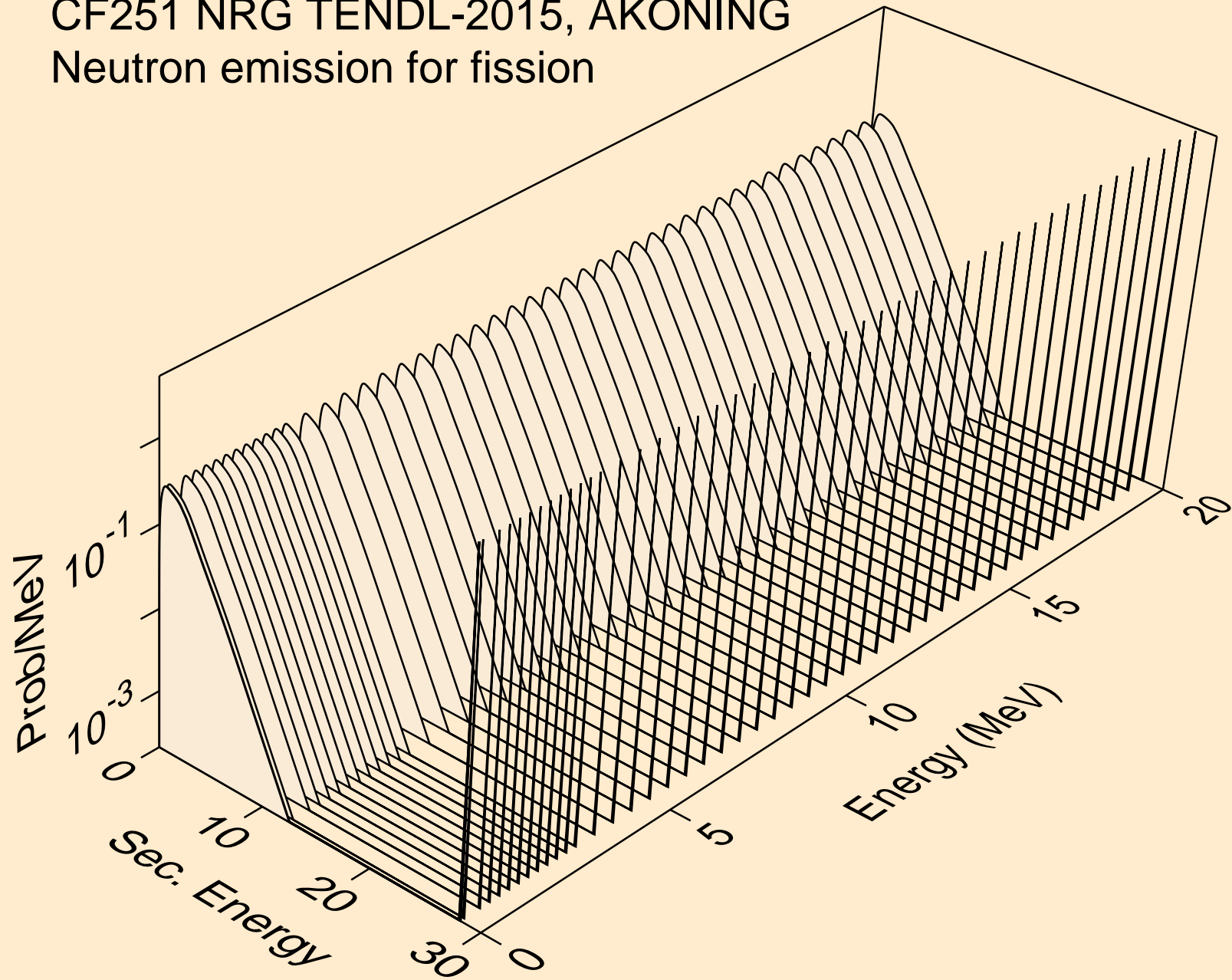
CF251 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



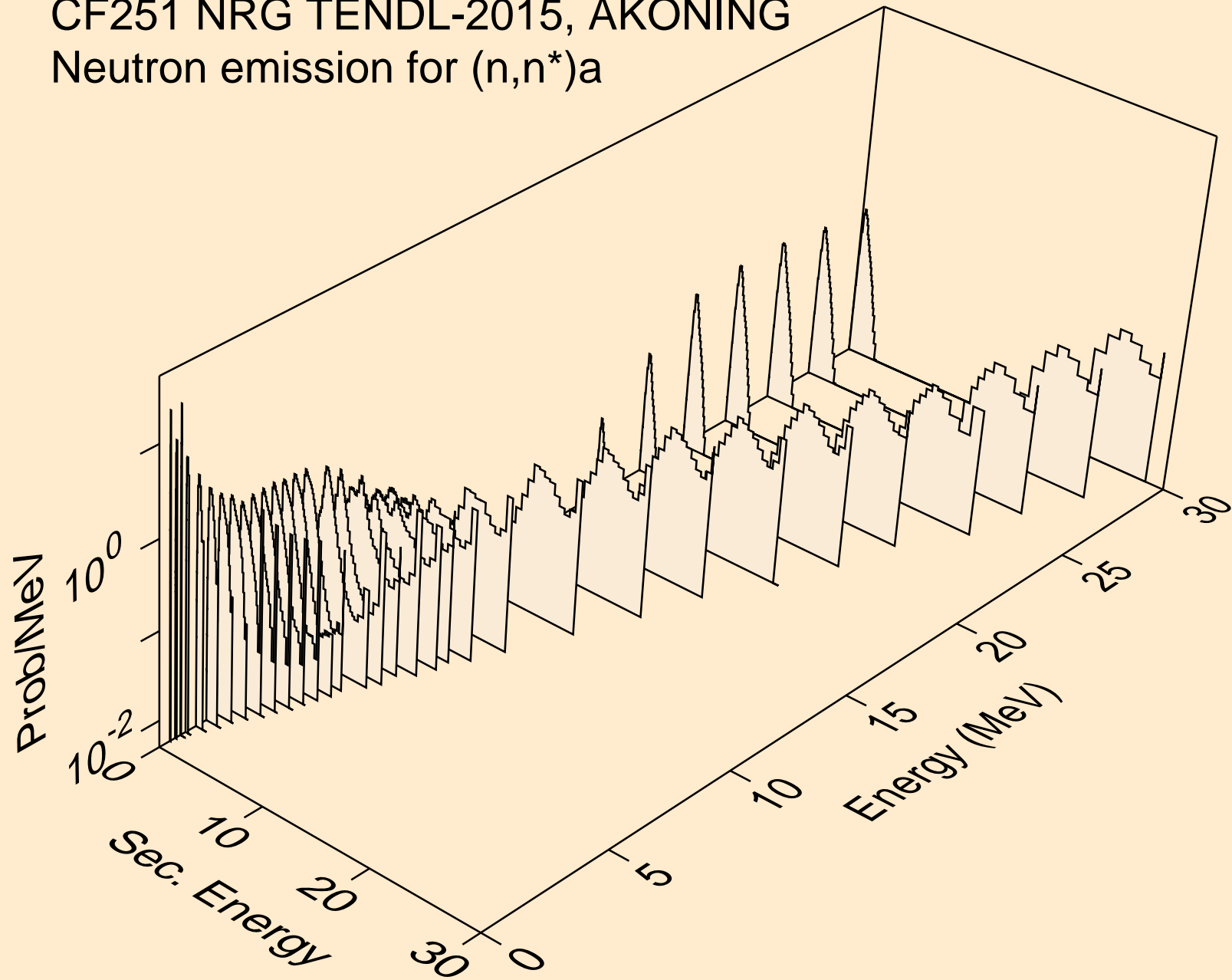
CF251 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



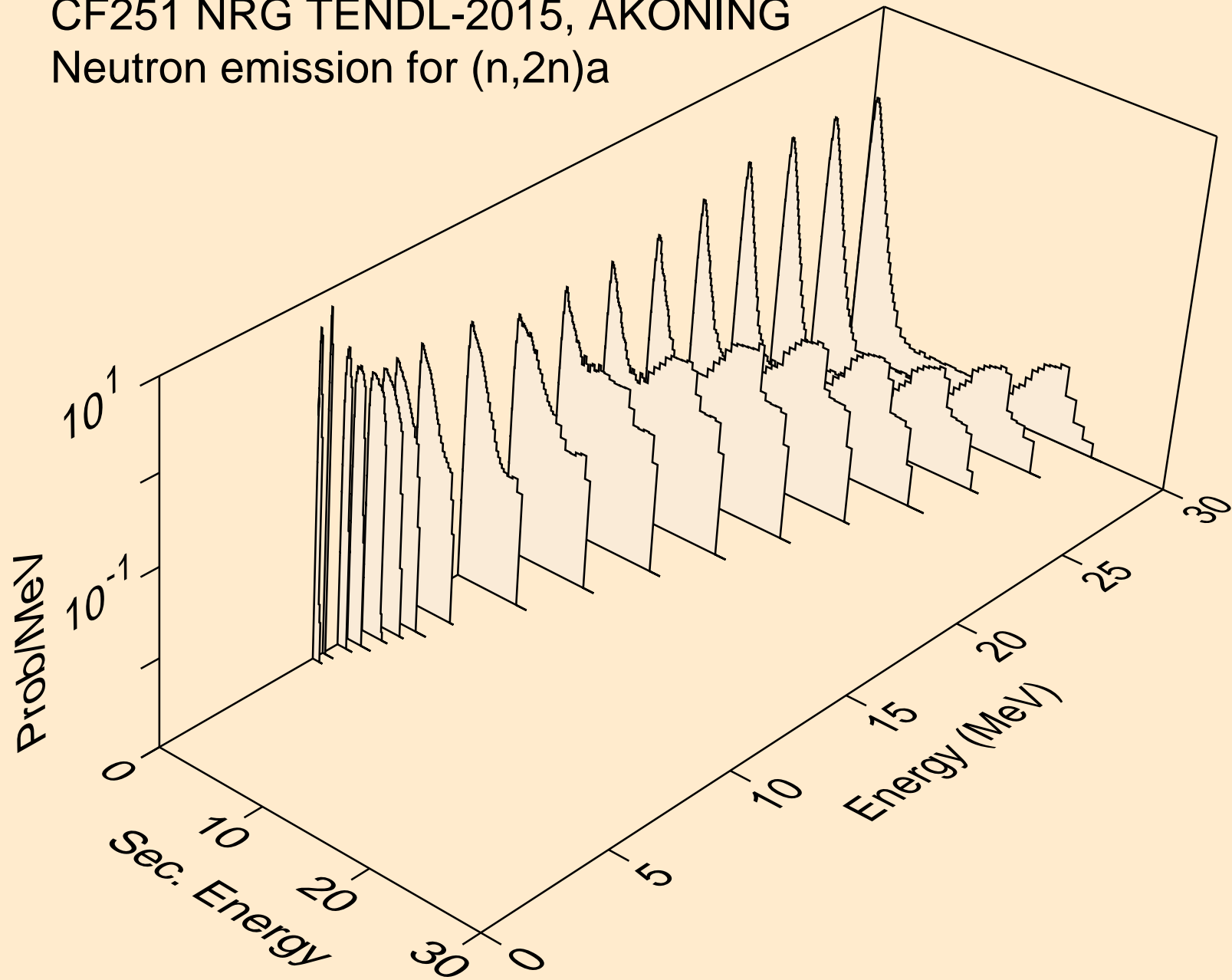
CF251 NRG TENDL-2015, AKONING  
Neutron emission for fission



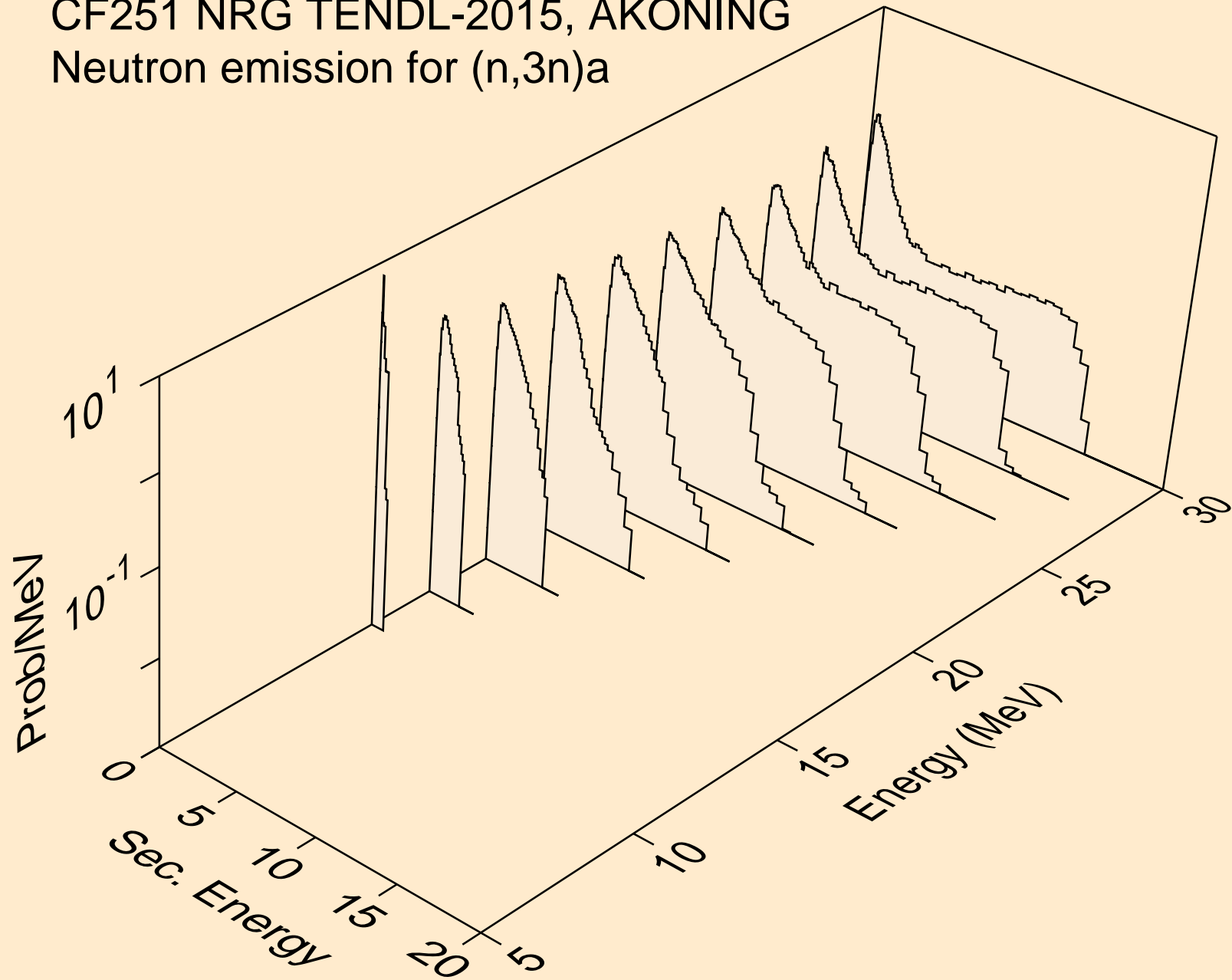
CF251 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



CF251 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a

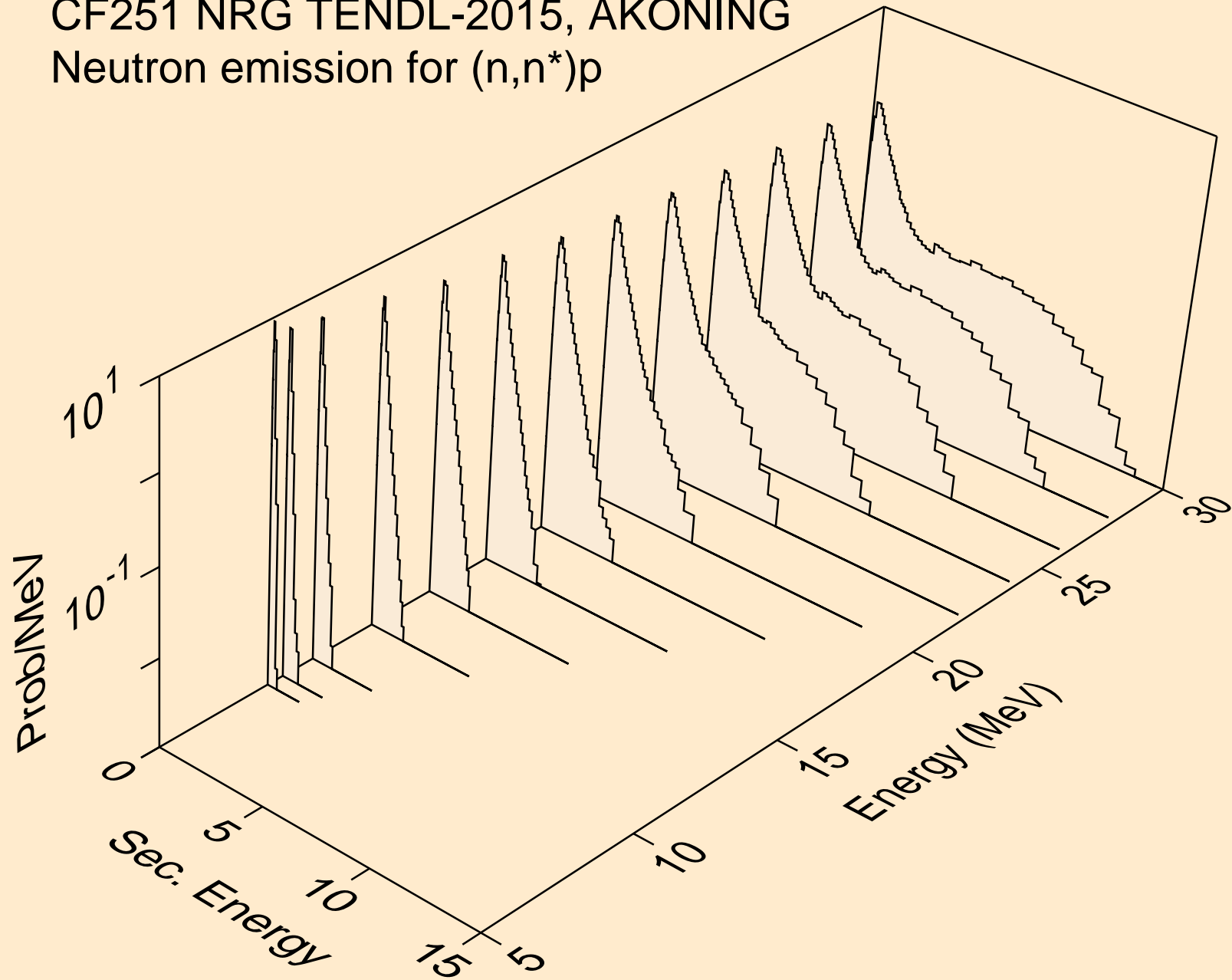


CF251 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

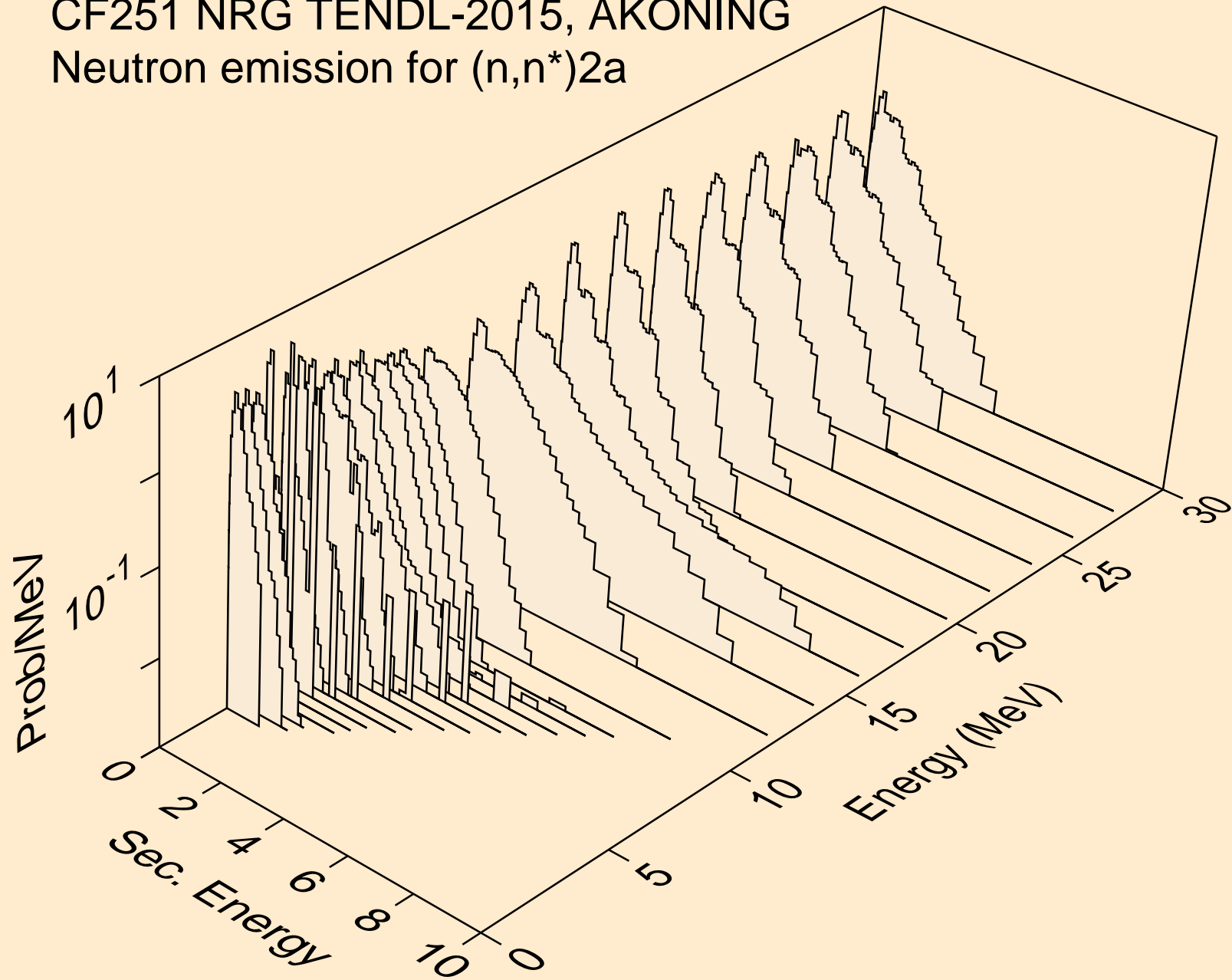




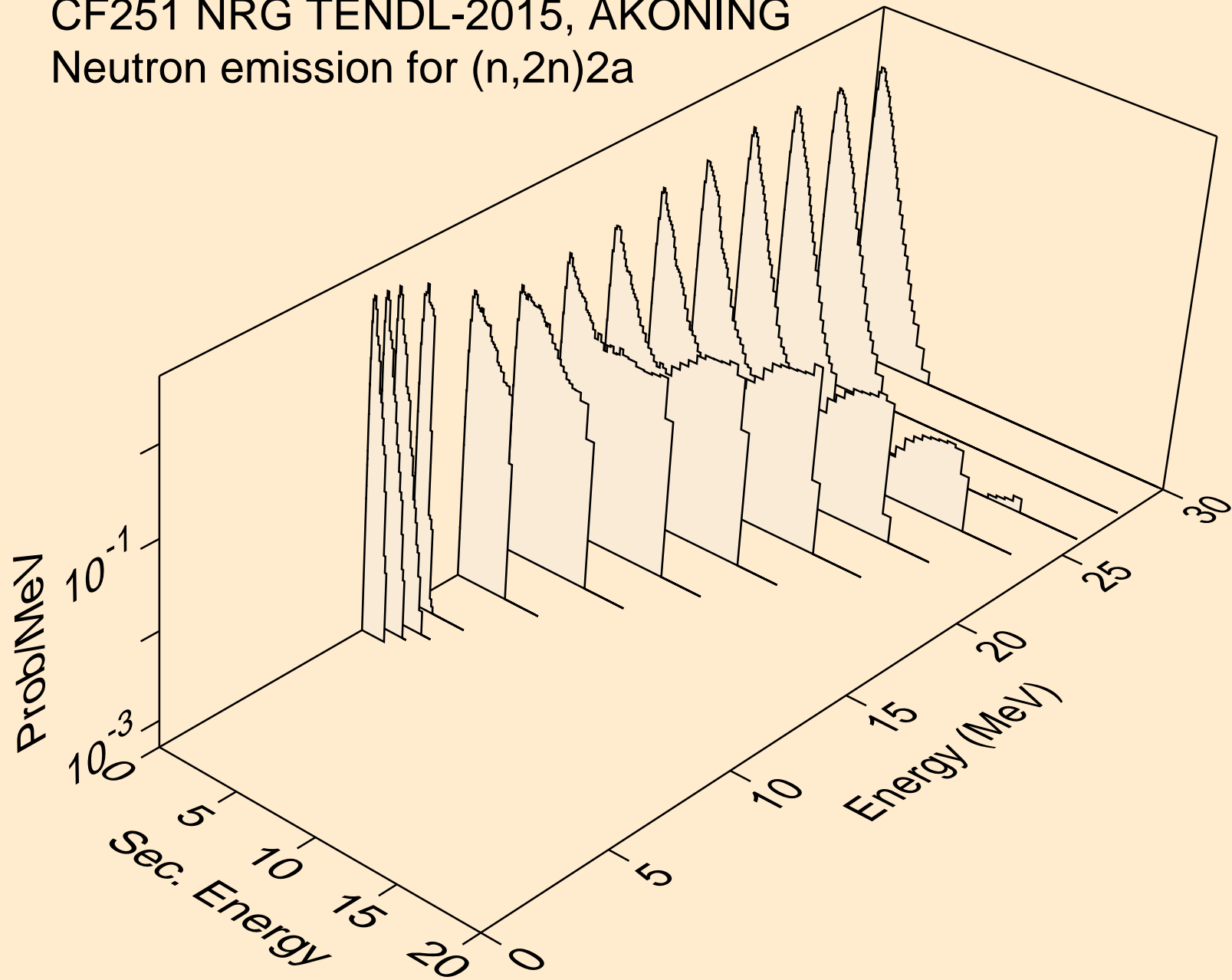
CF251 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



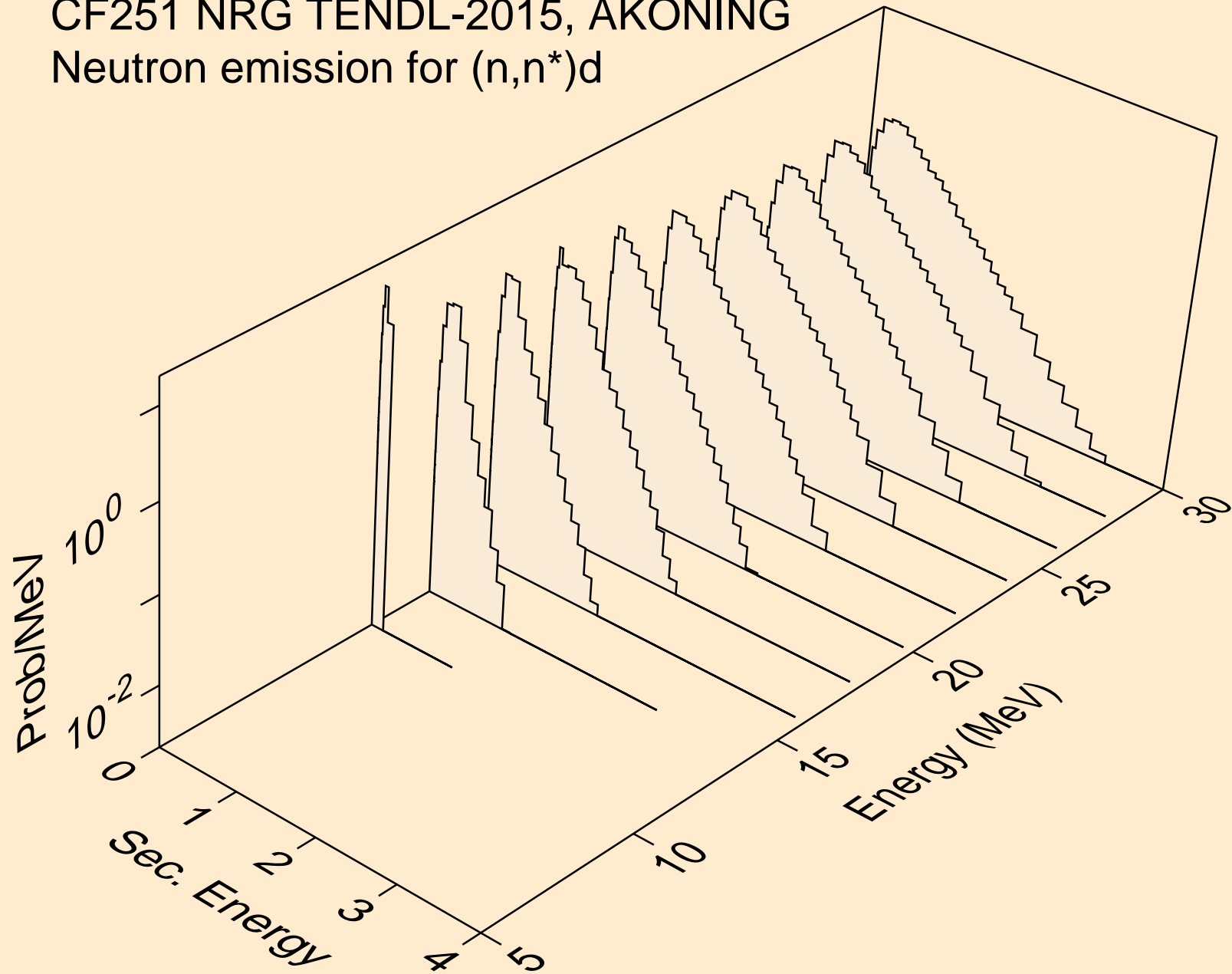
CF251 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



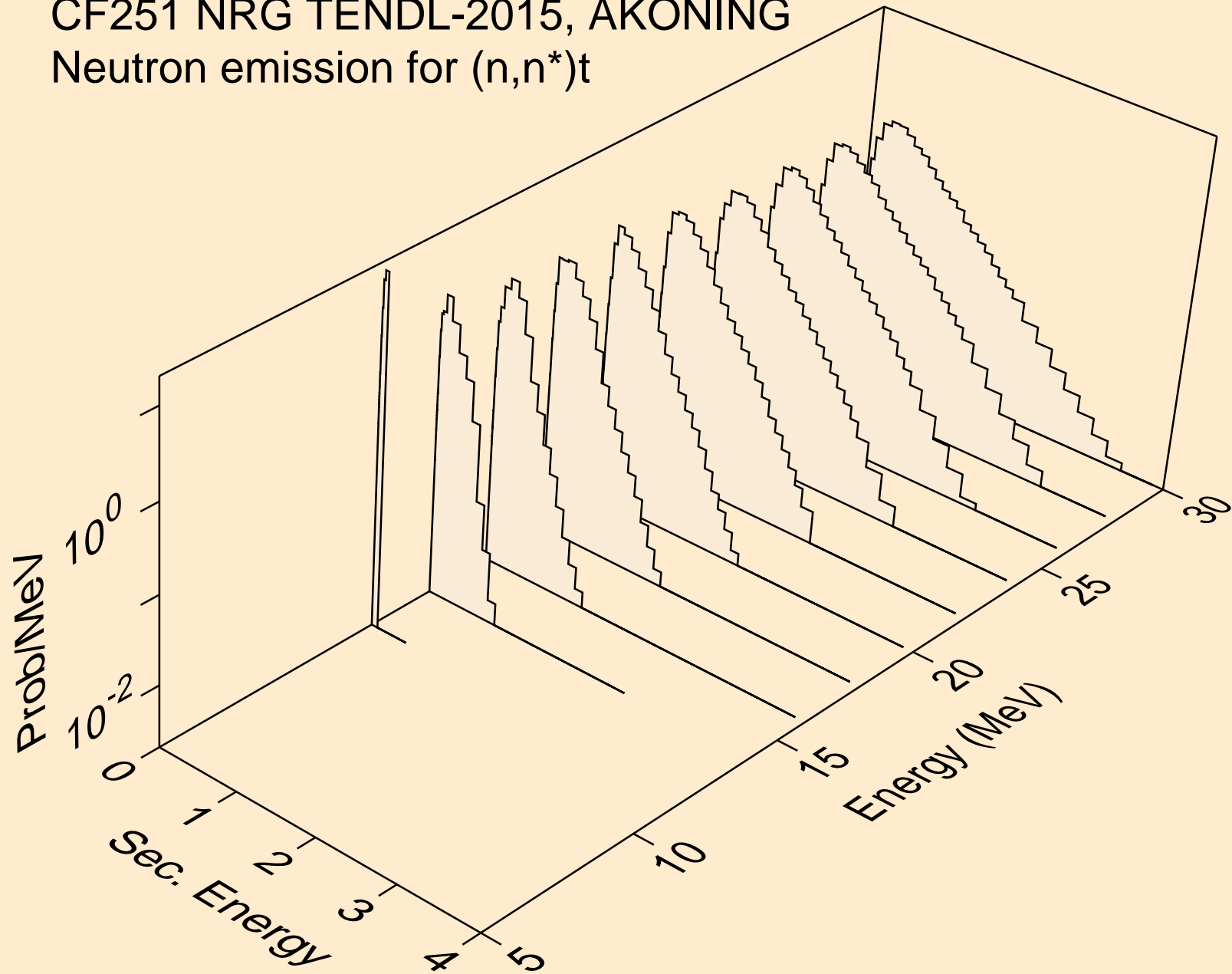
CF251 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



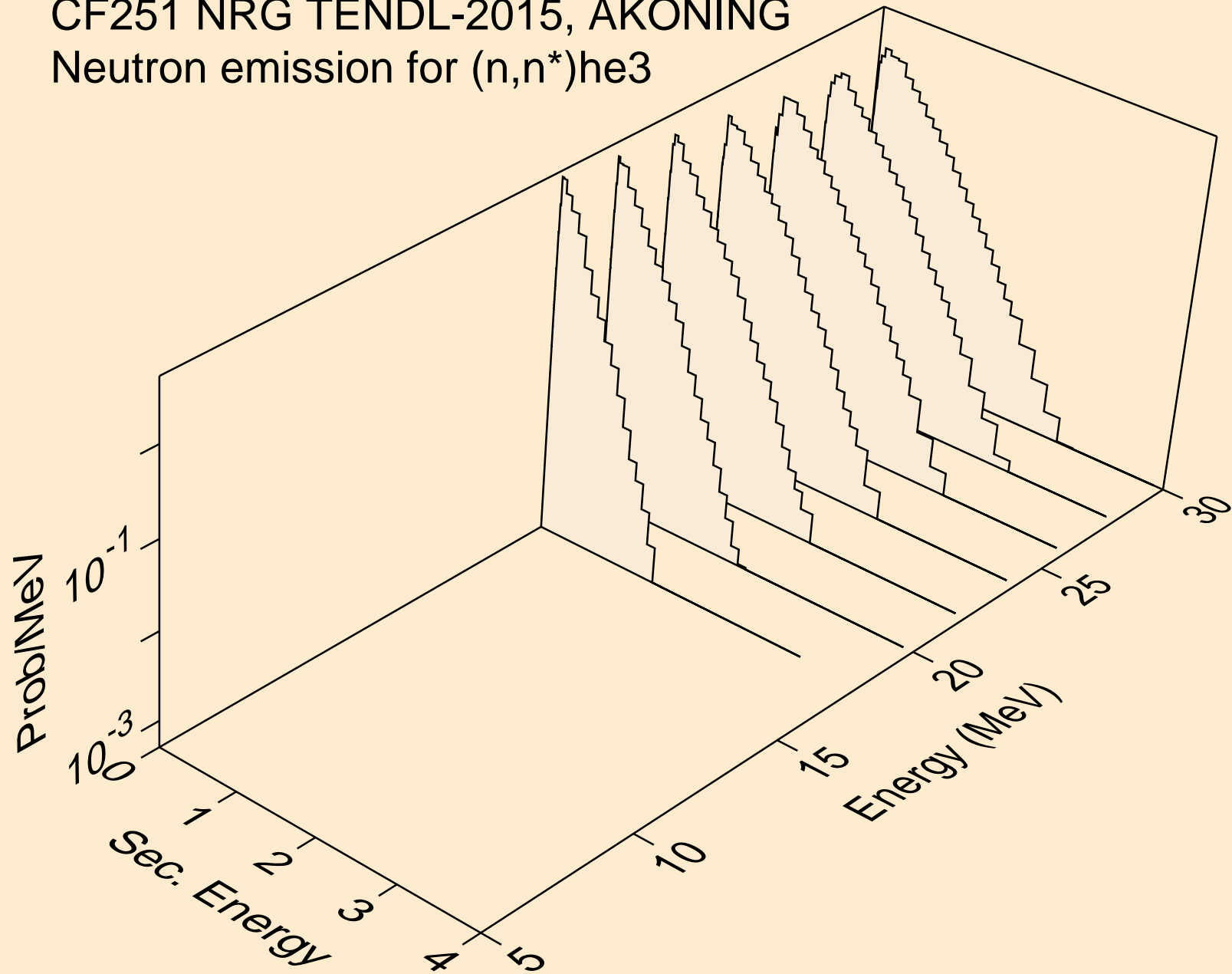
CF251 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



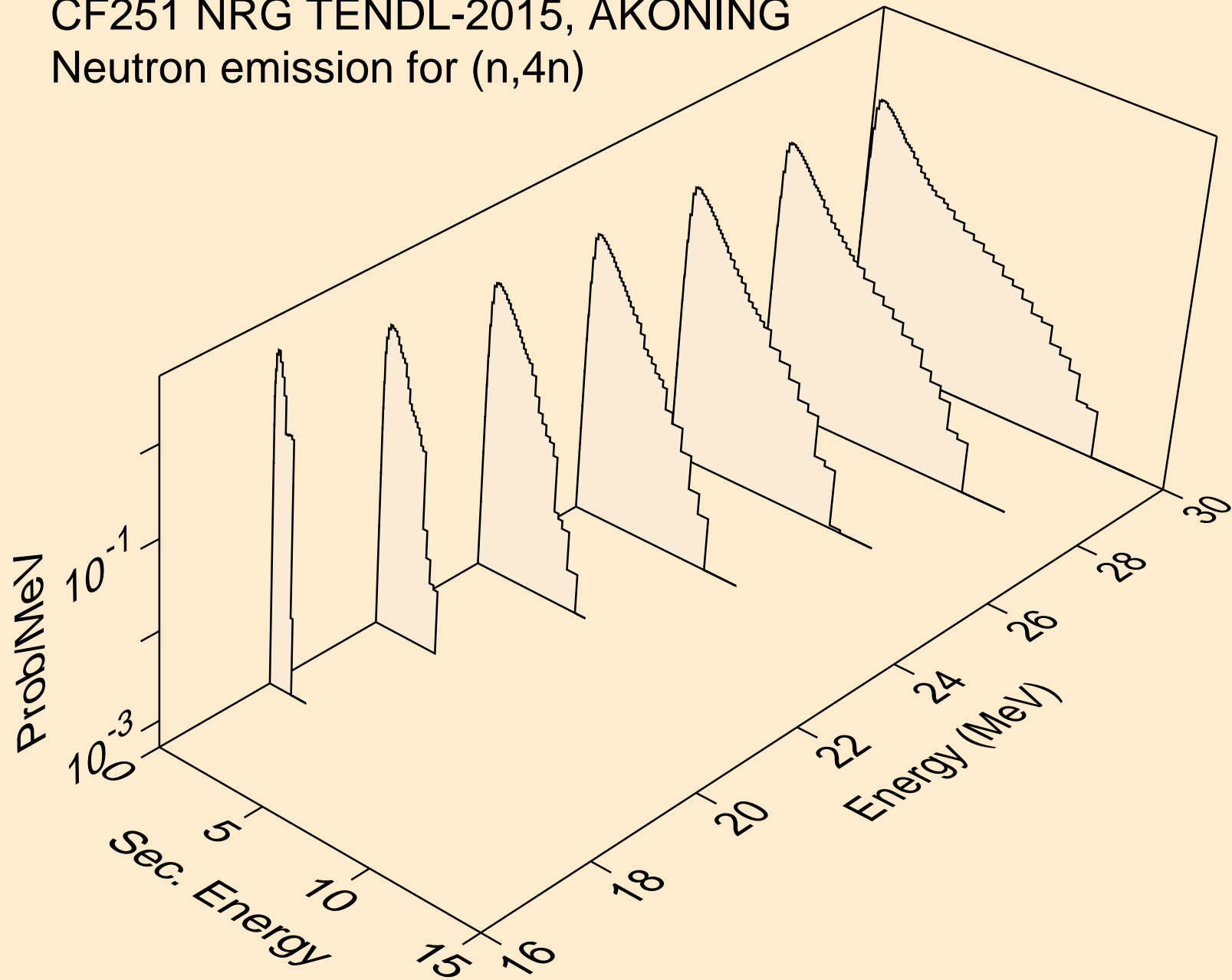
CF251 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



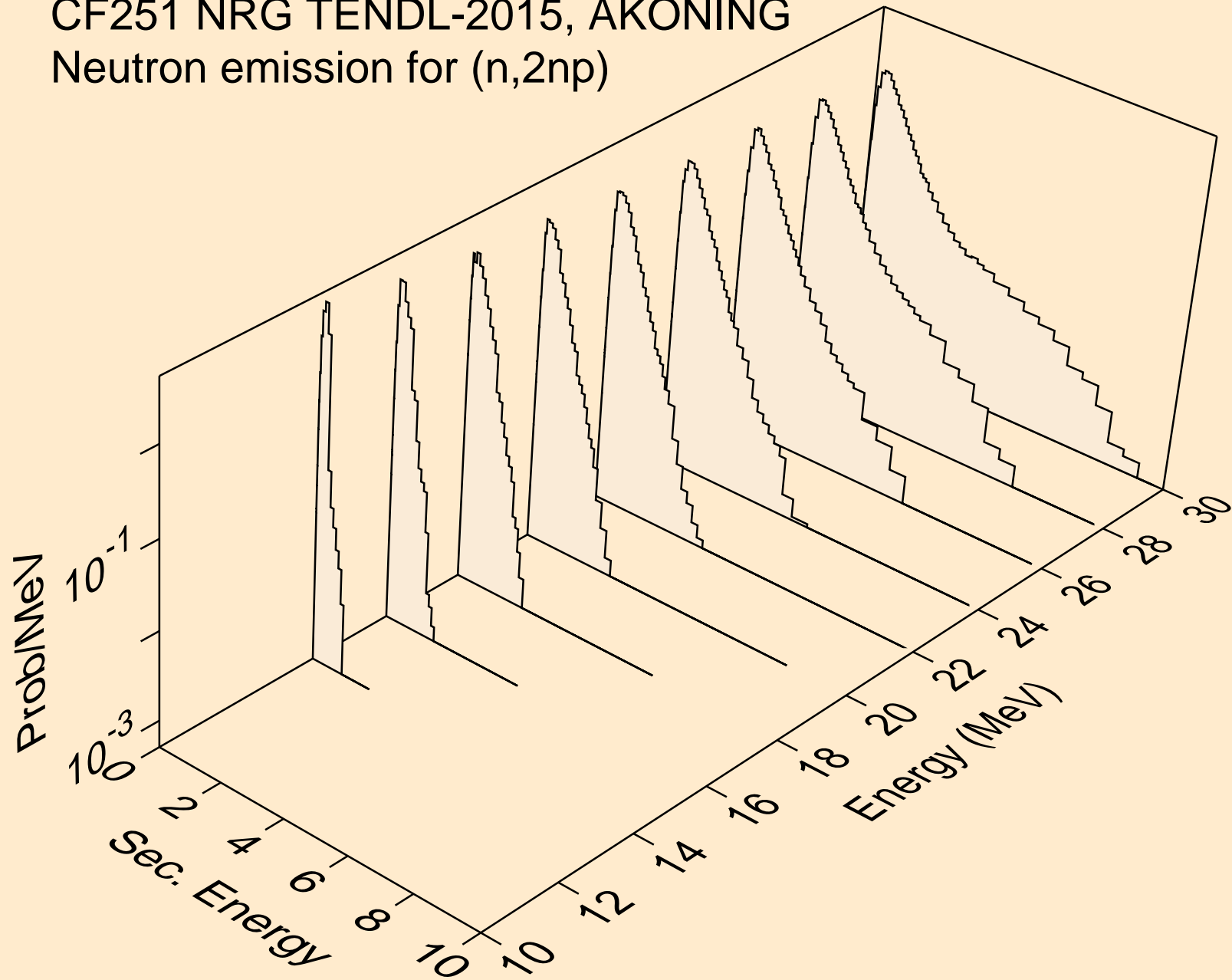
CF251 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



CF251 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)

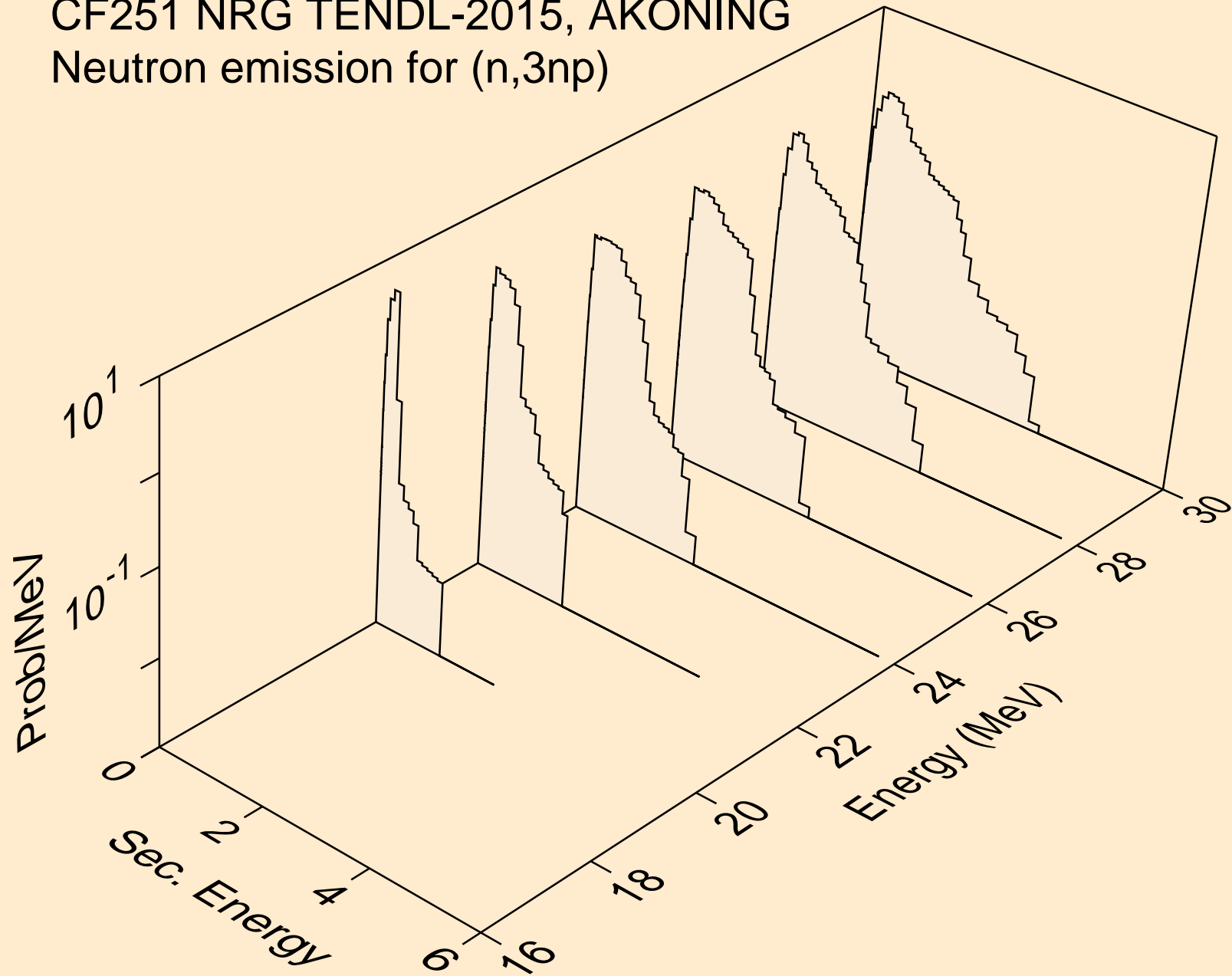


CF251 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

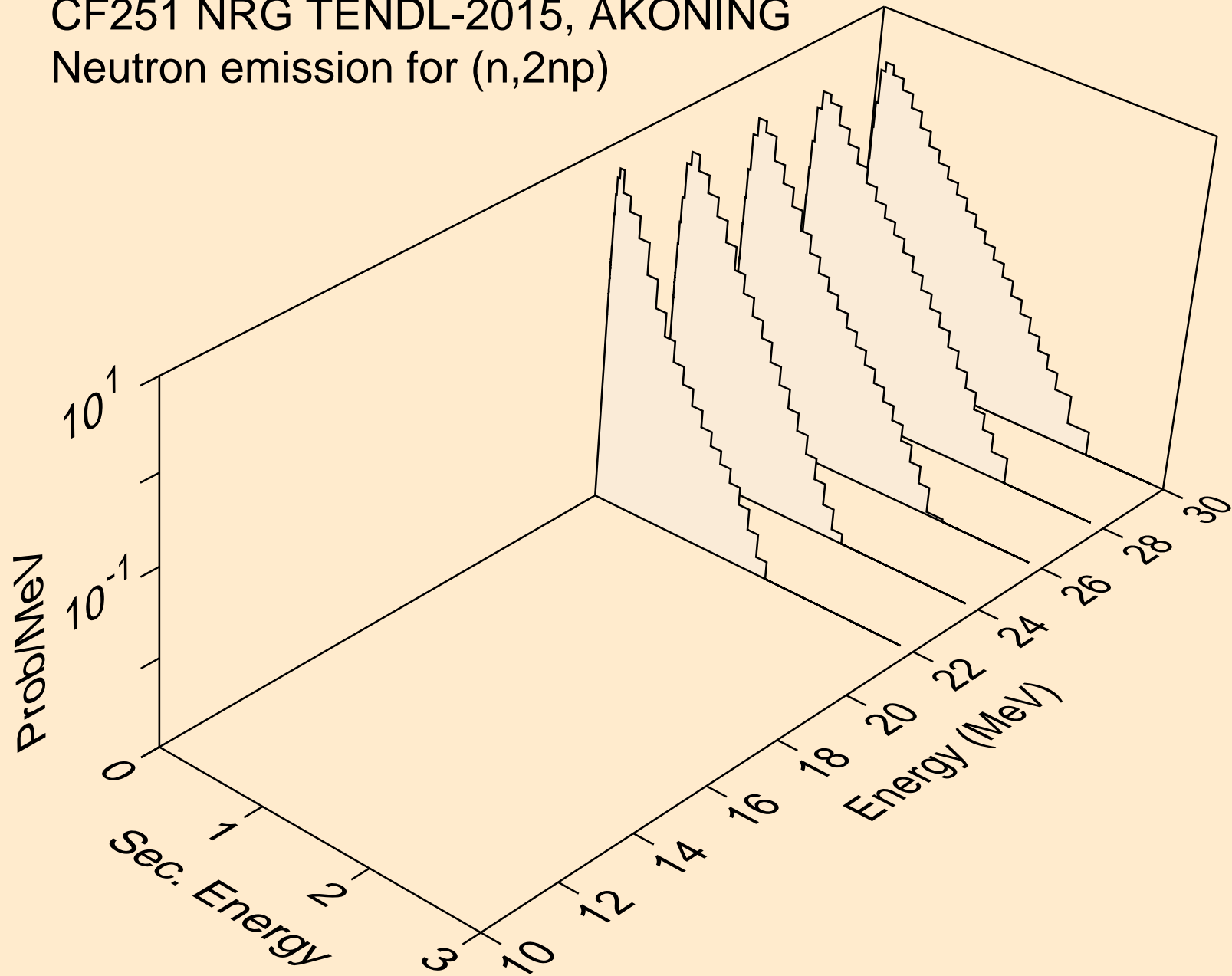




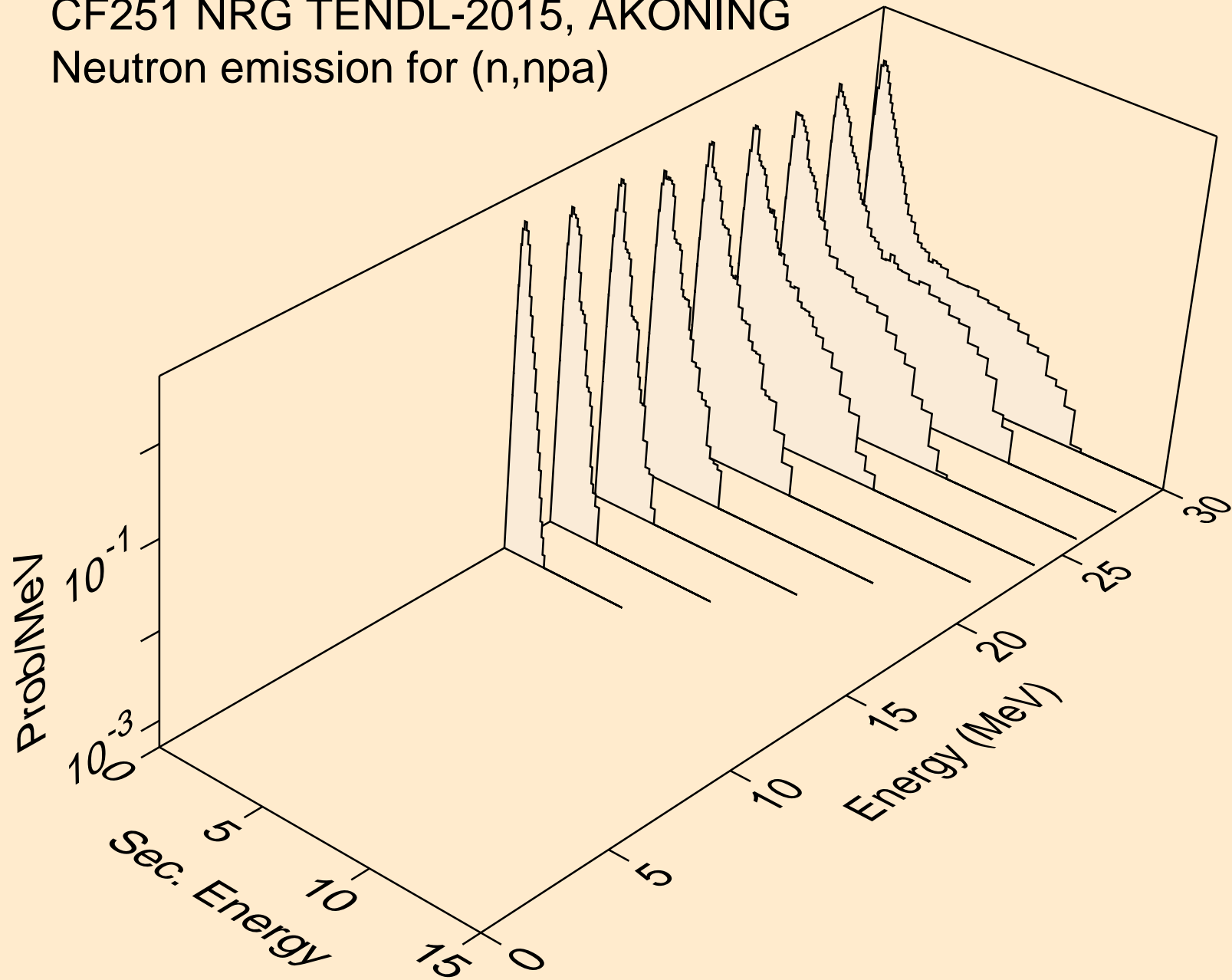
CF251 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



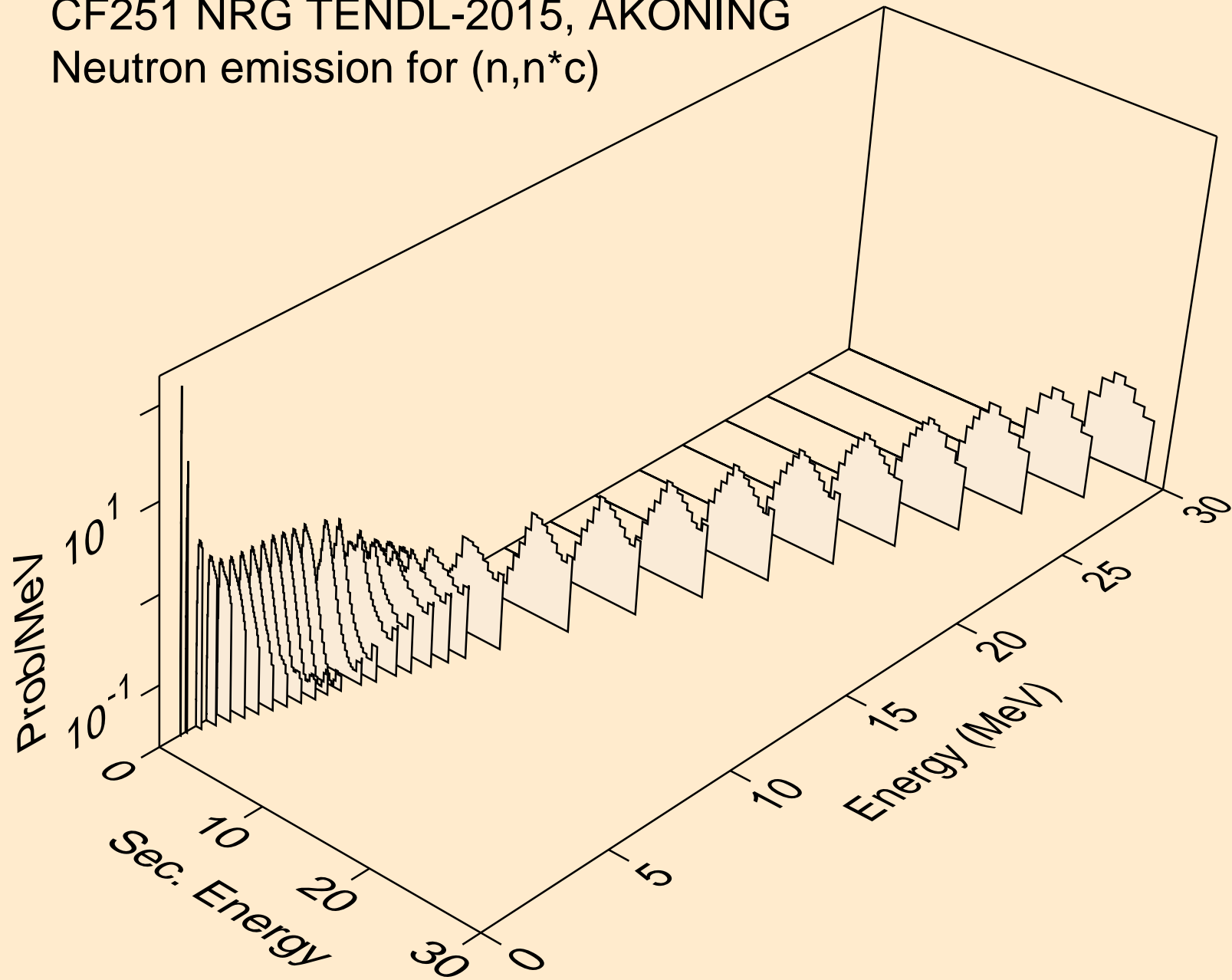
CF251 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



CF251 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

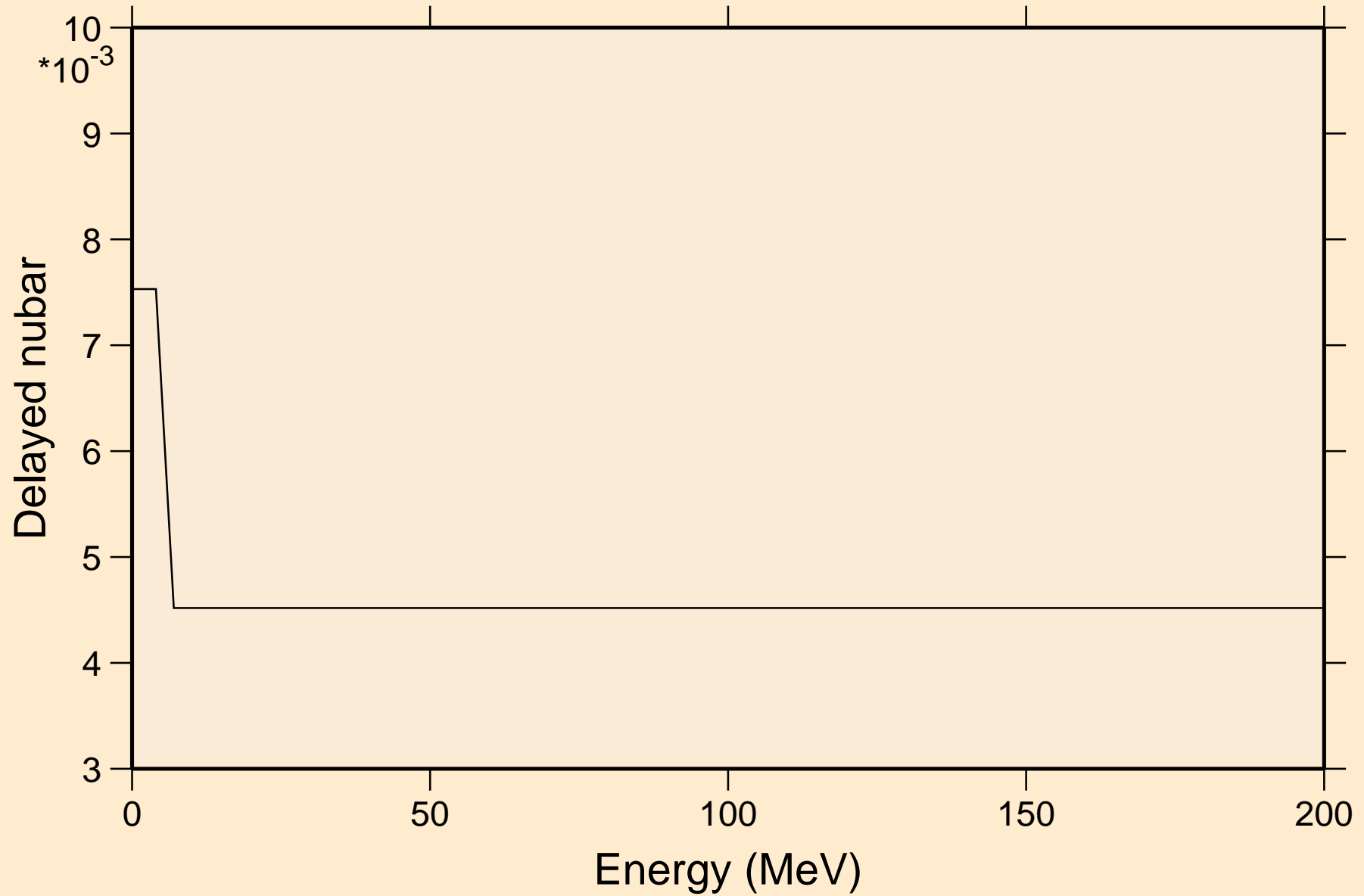


CF251 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



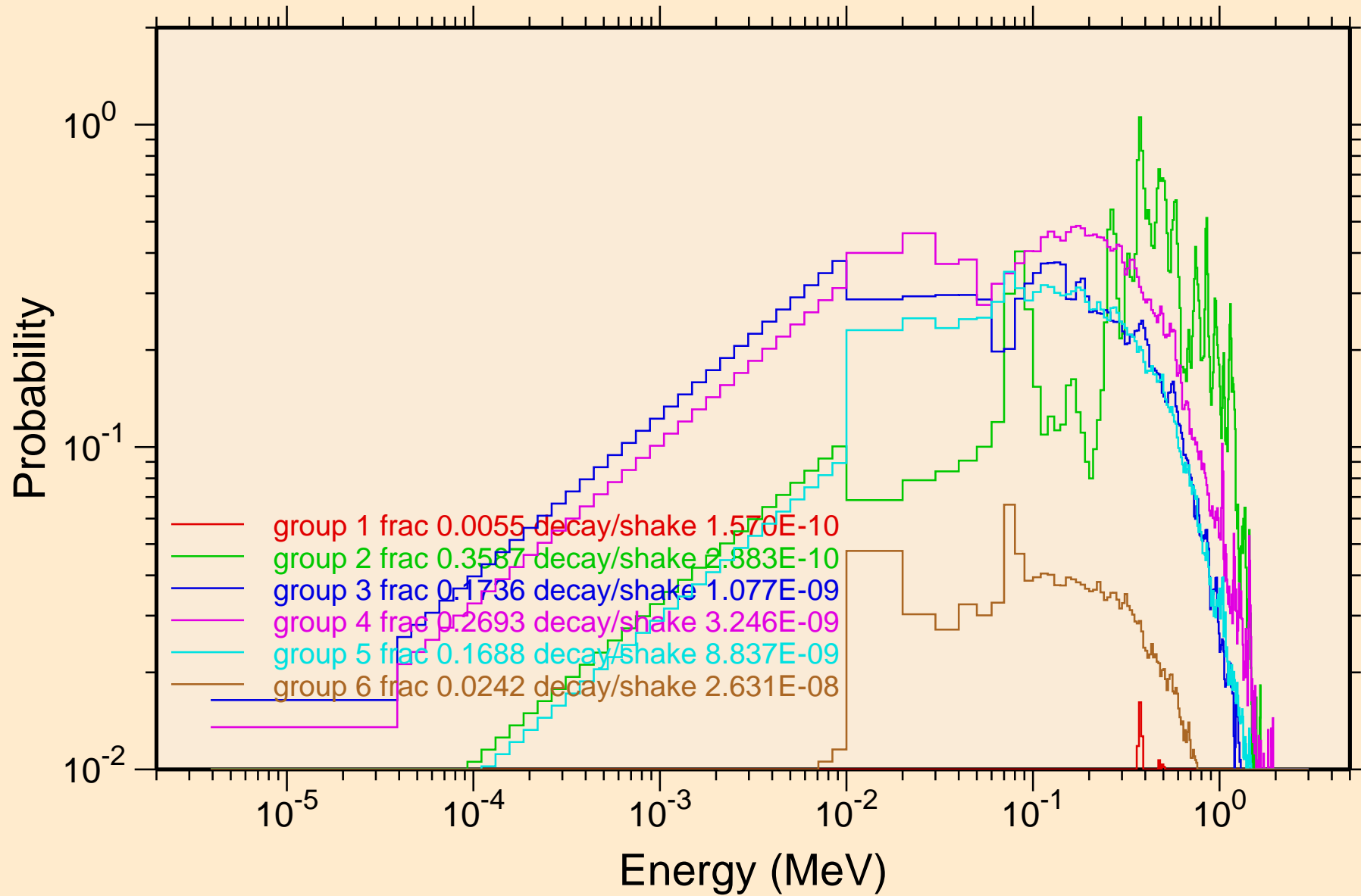
# CF251 NRG TENDL-2015, AKONING

Delayed nubar

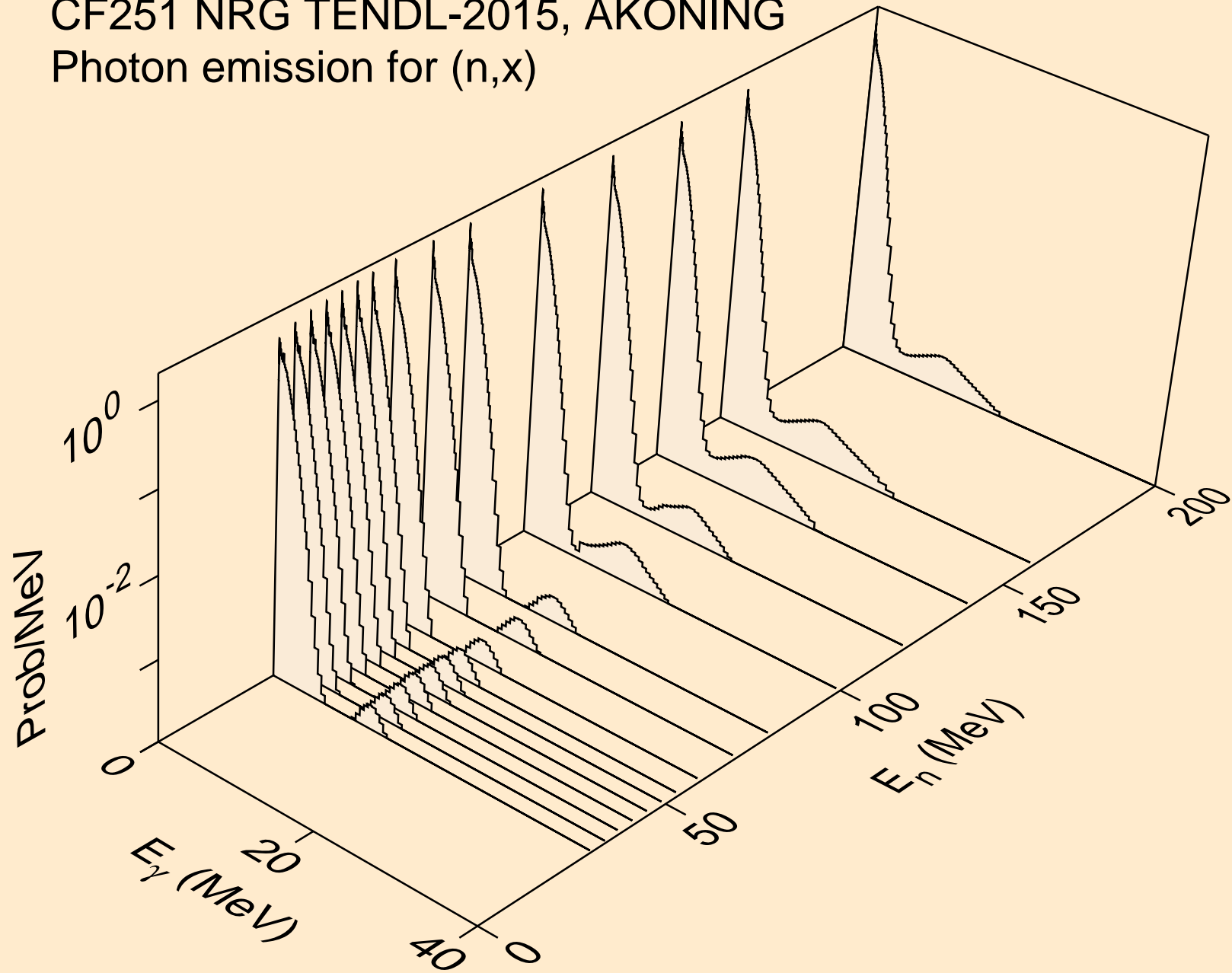


# CF251 NRG TENDL-2015, AKONING

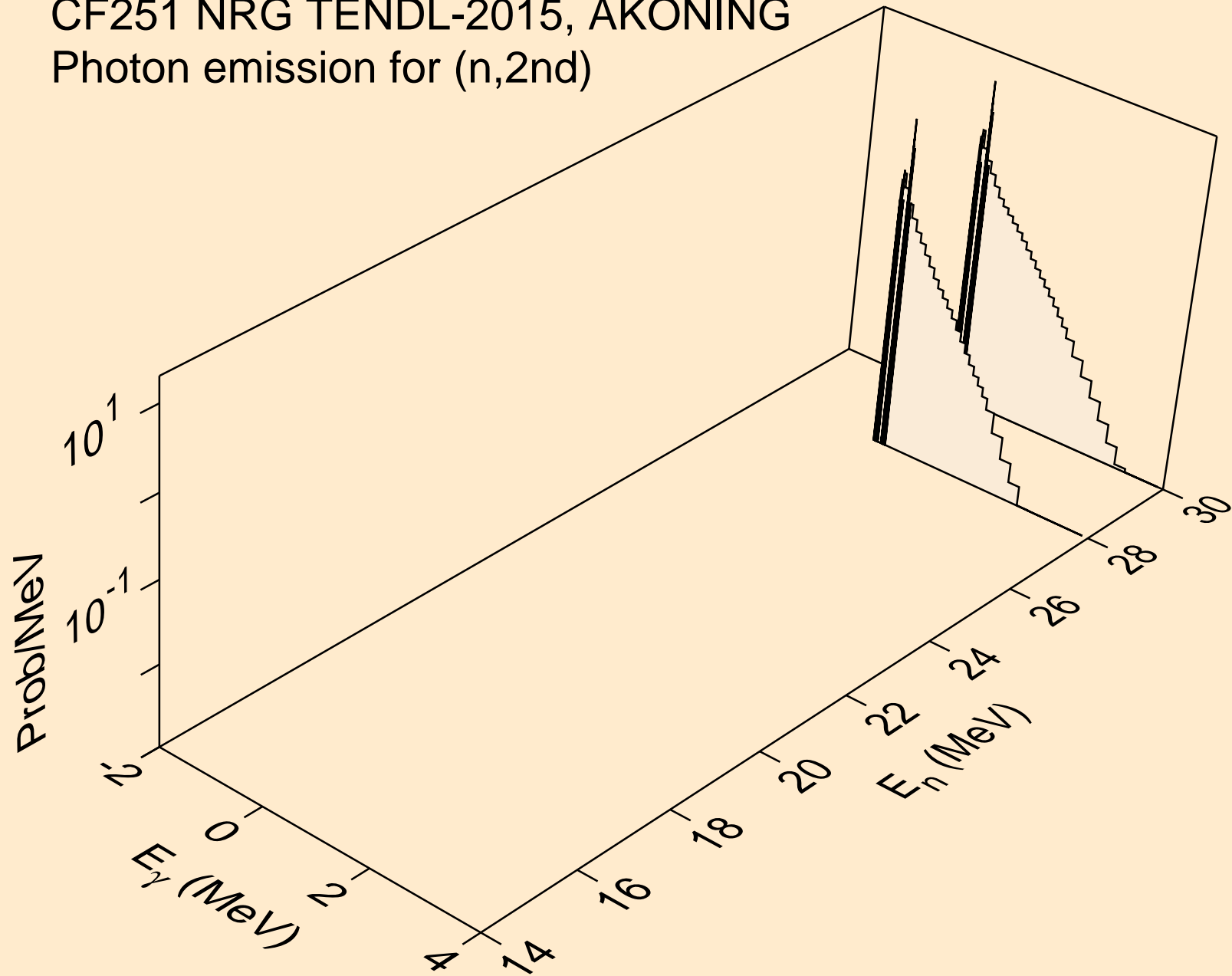
## Delayed neutron spectra



CF251 NRG TENDL-2015, AKONING  
Photon emission for (n,x)

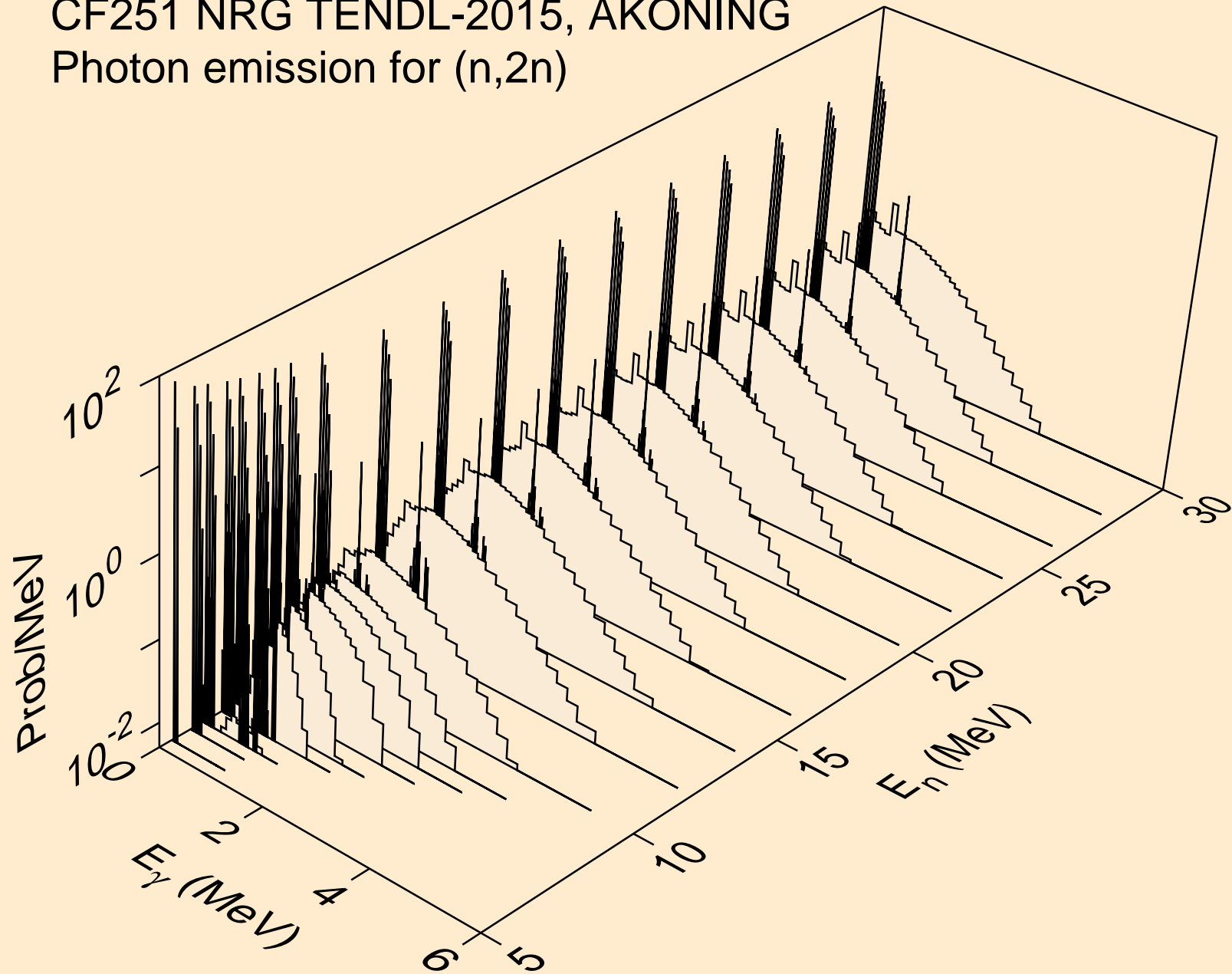


CF251 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)

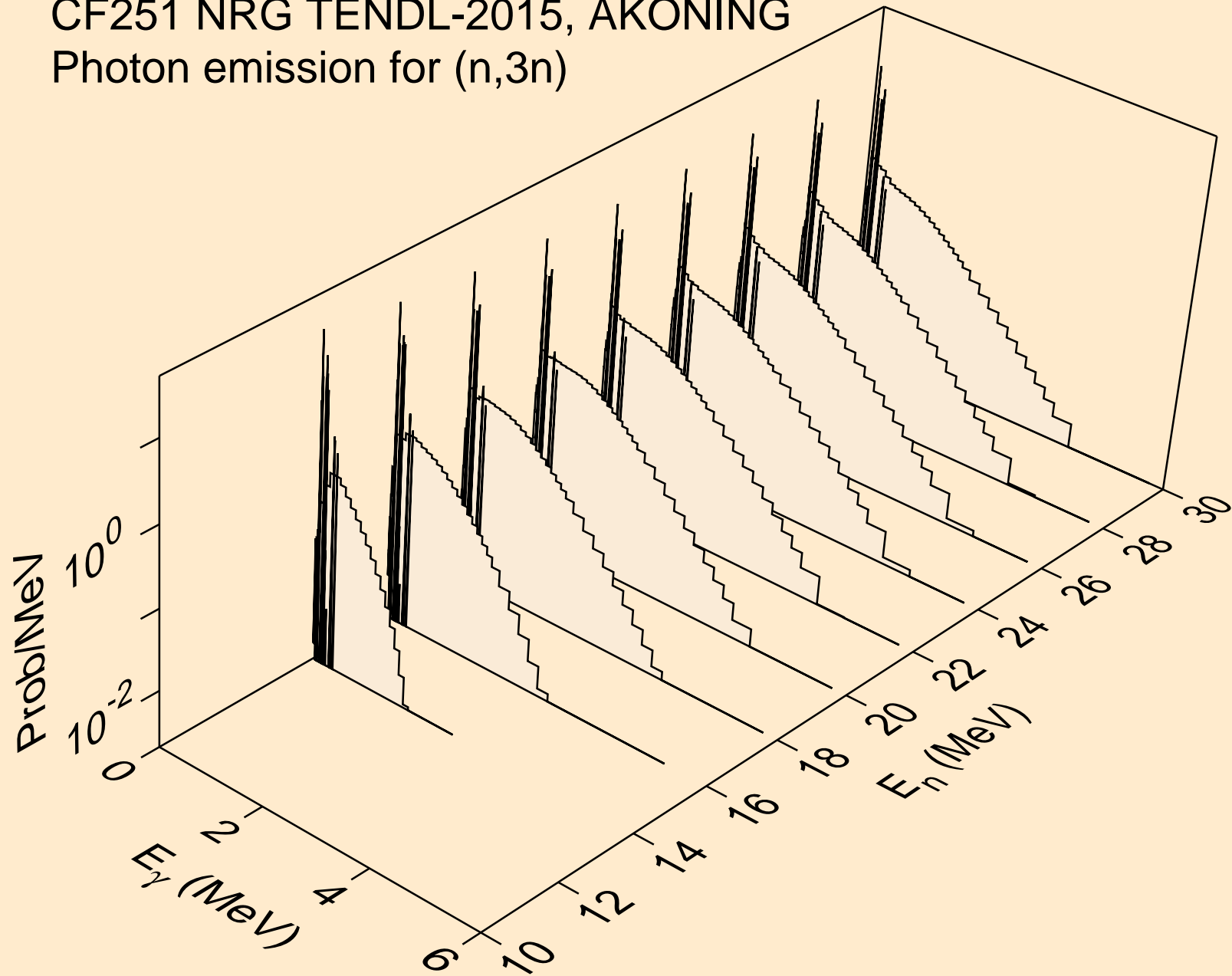




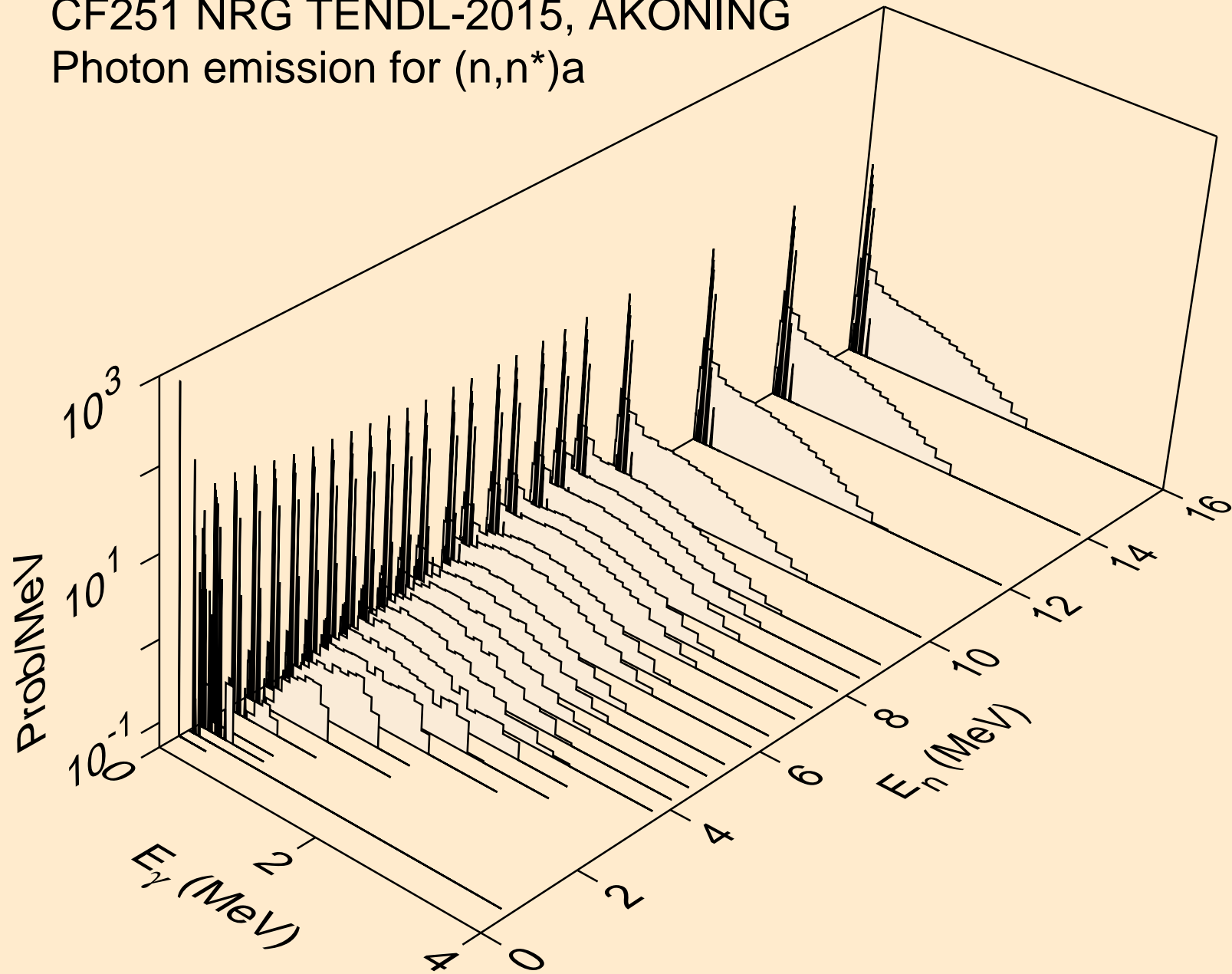
CF251 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



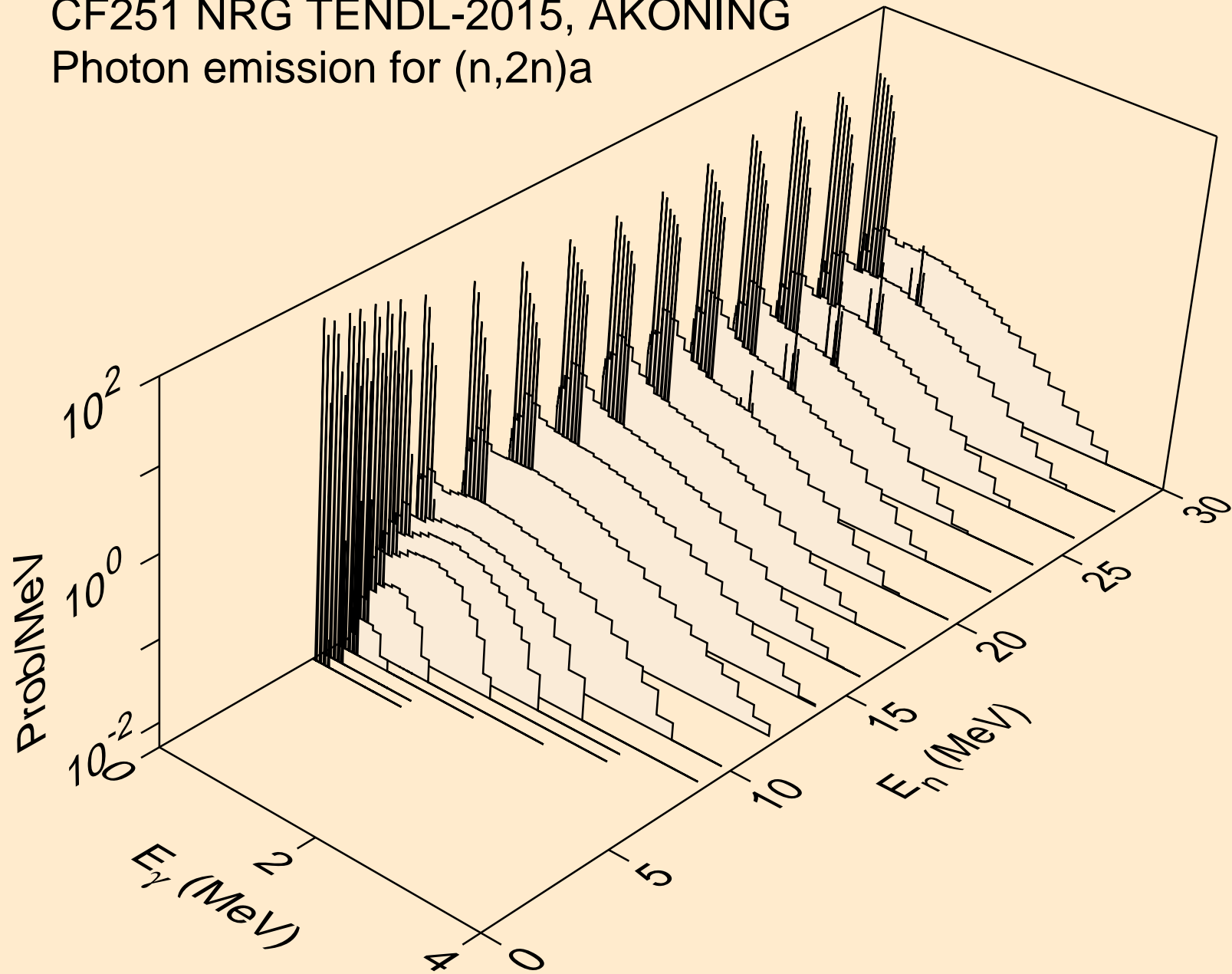
CF251 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



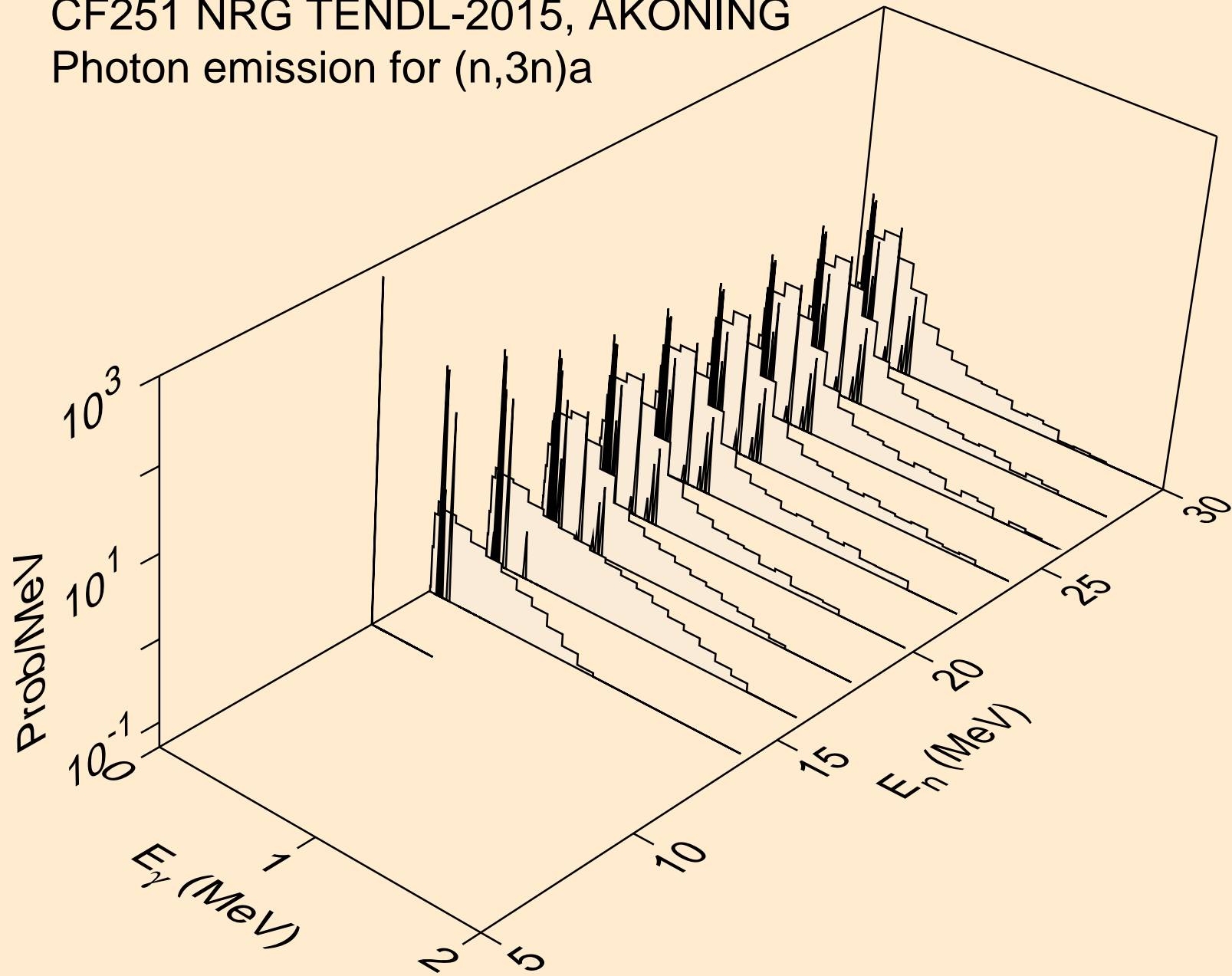
CF251 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



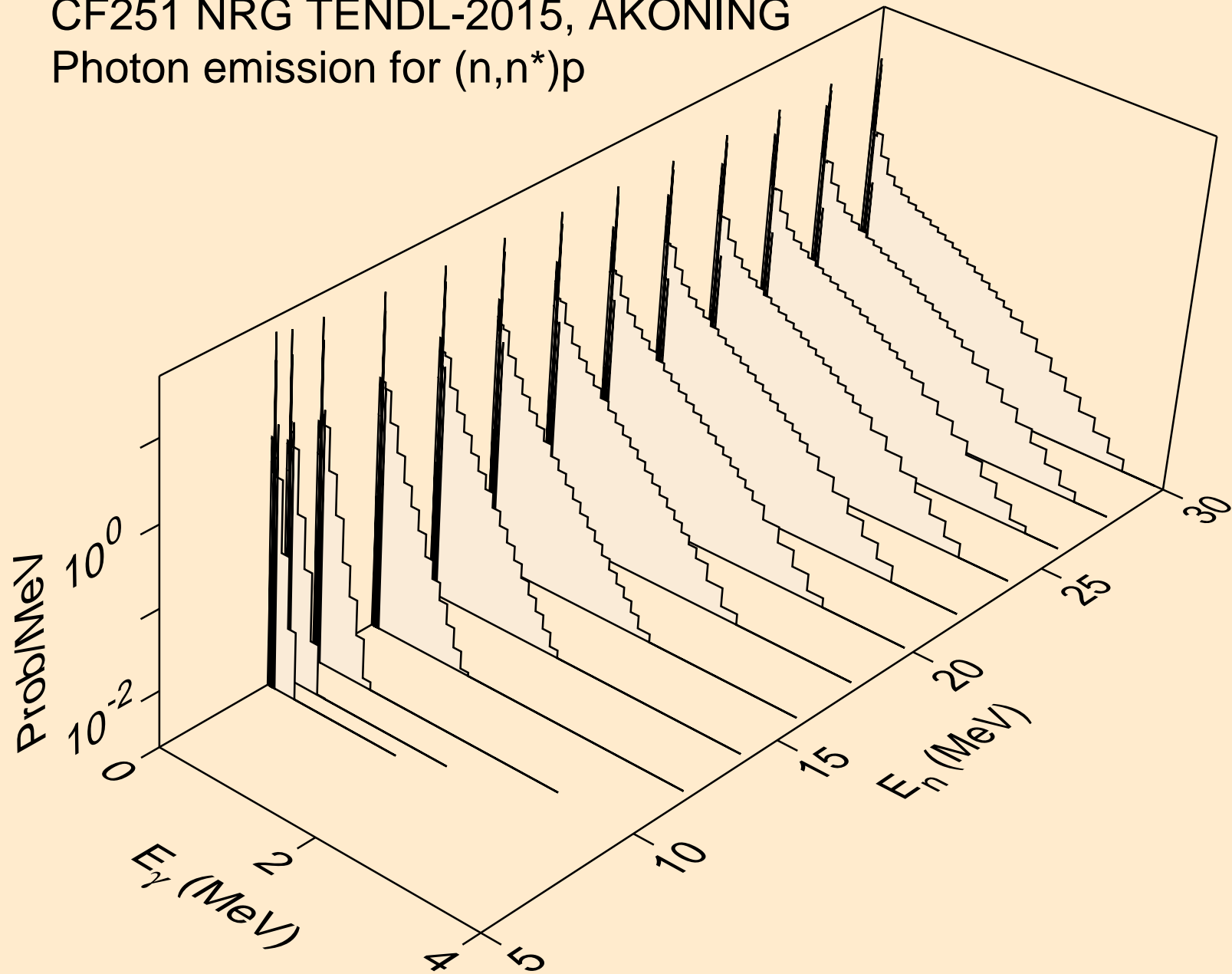
CF251 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



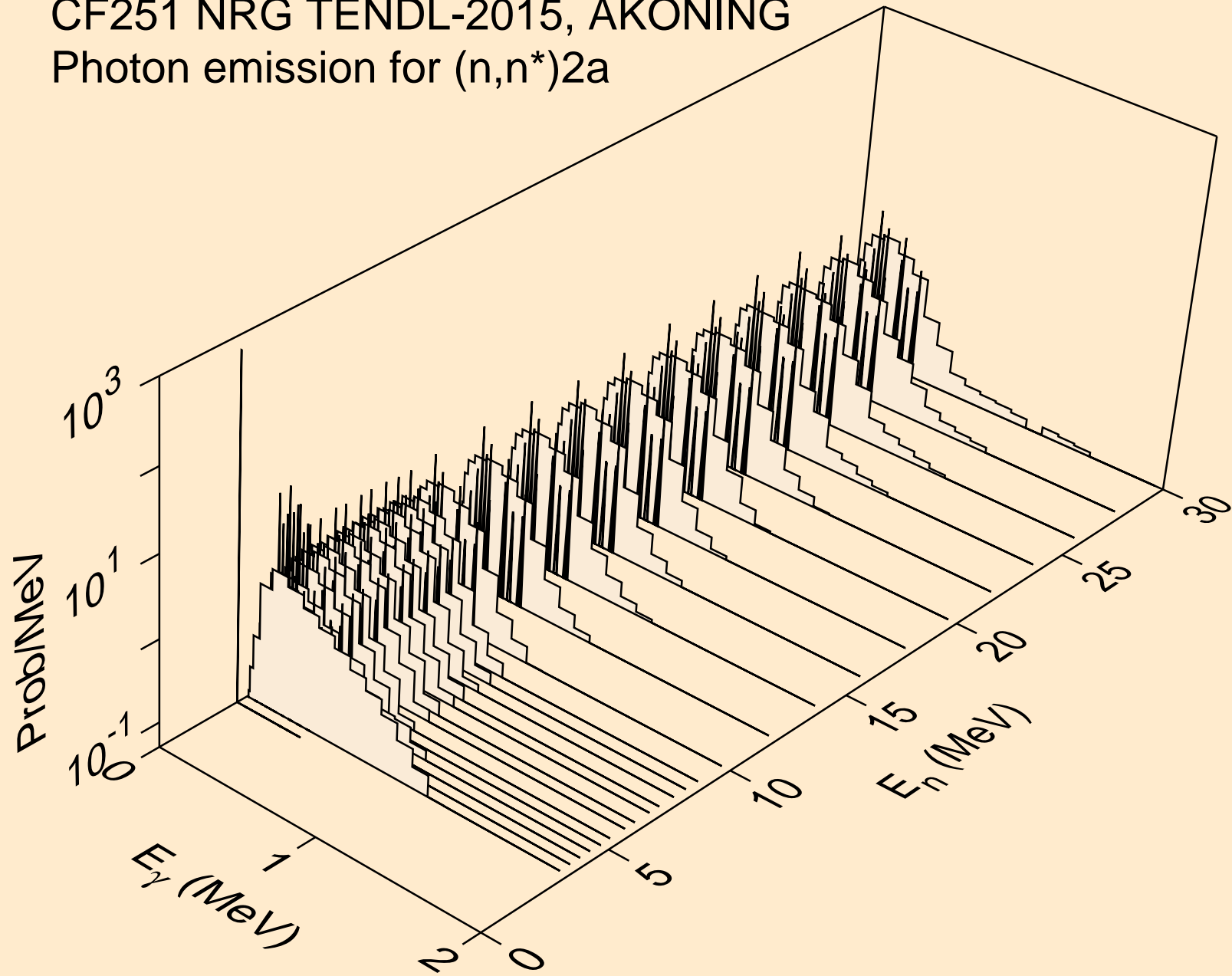
CF251 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



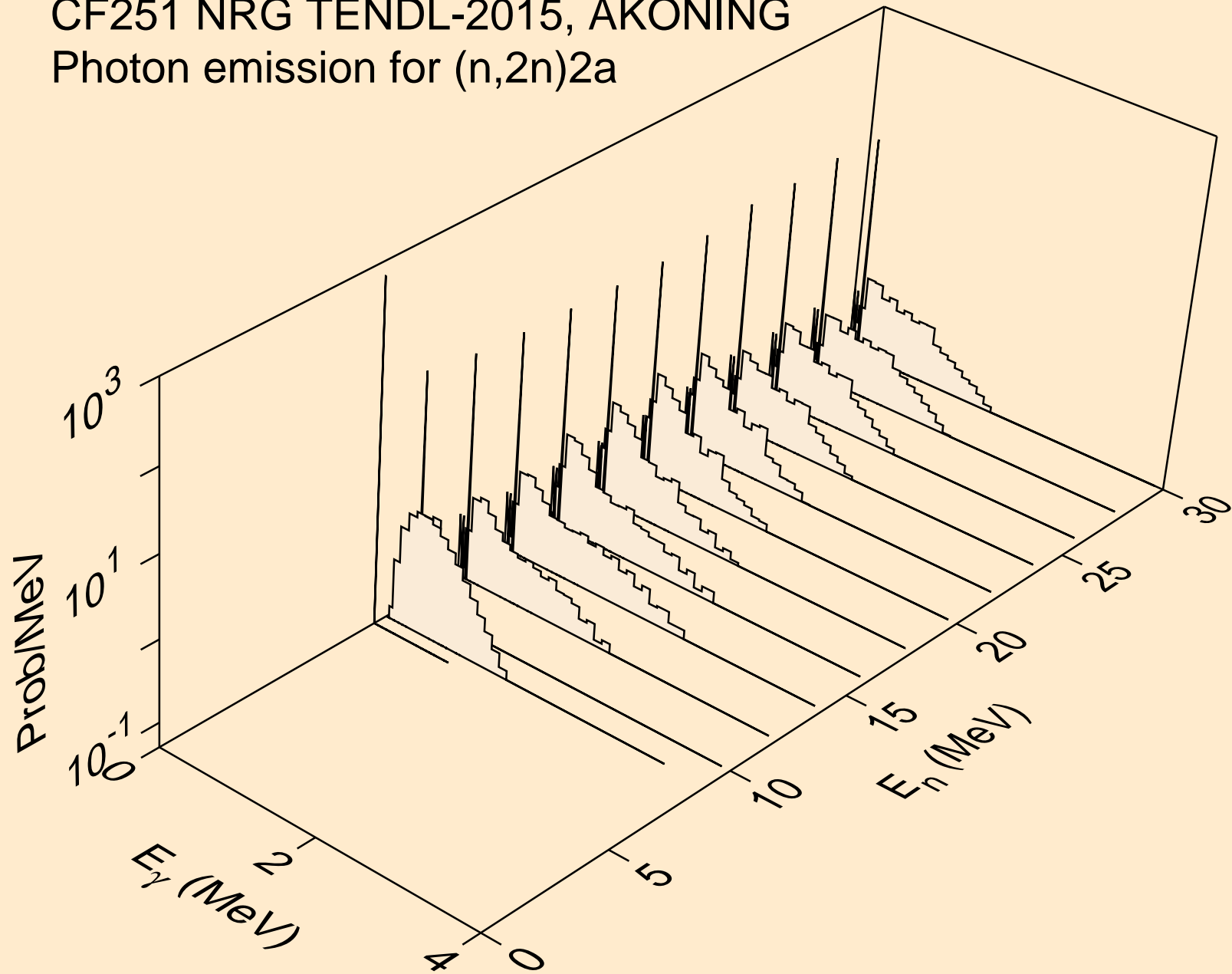
CF251 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



CF251 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a

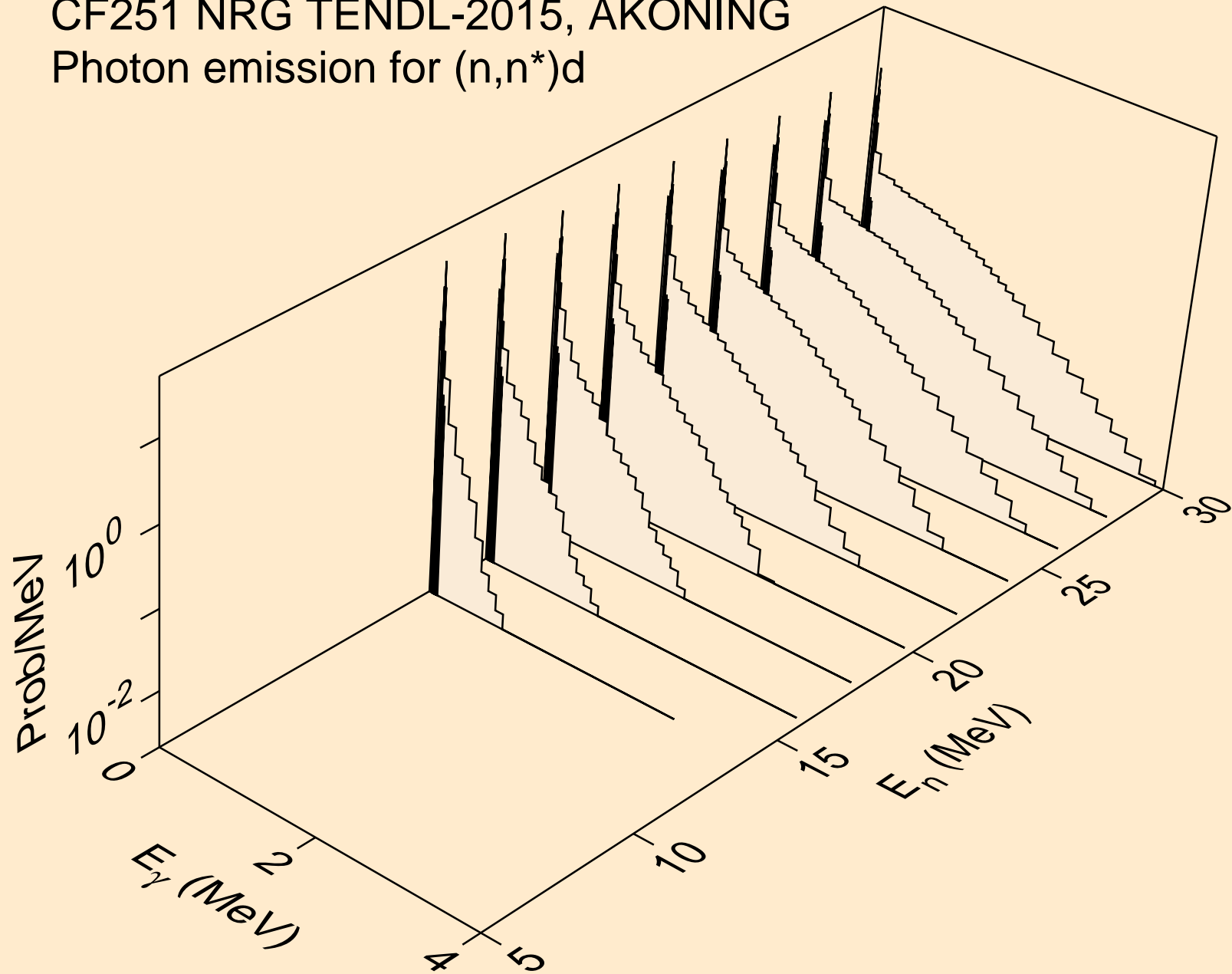


CF251 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a

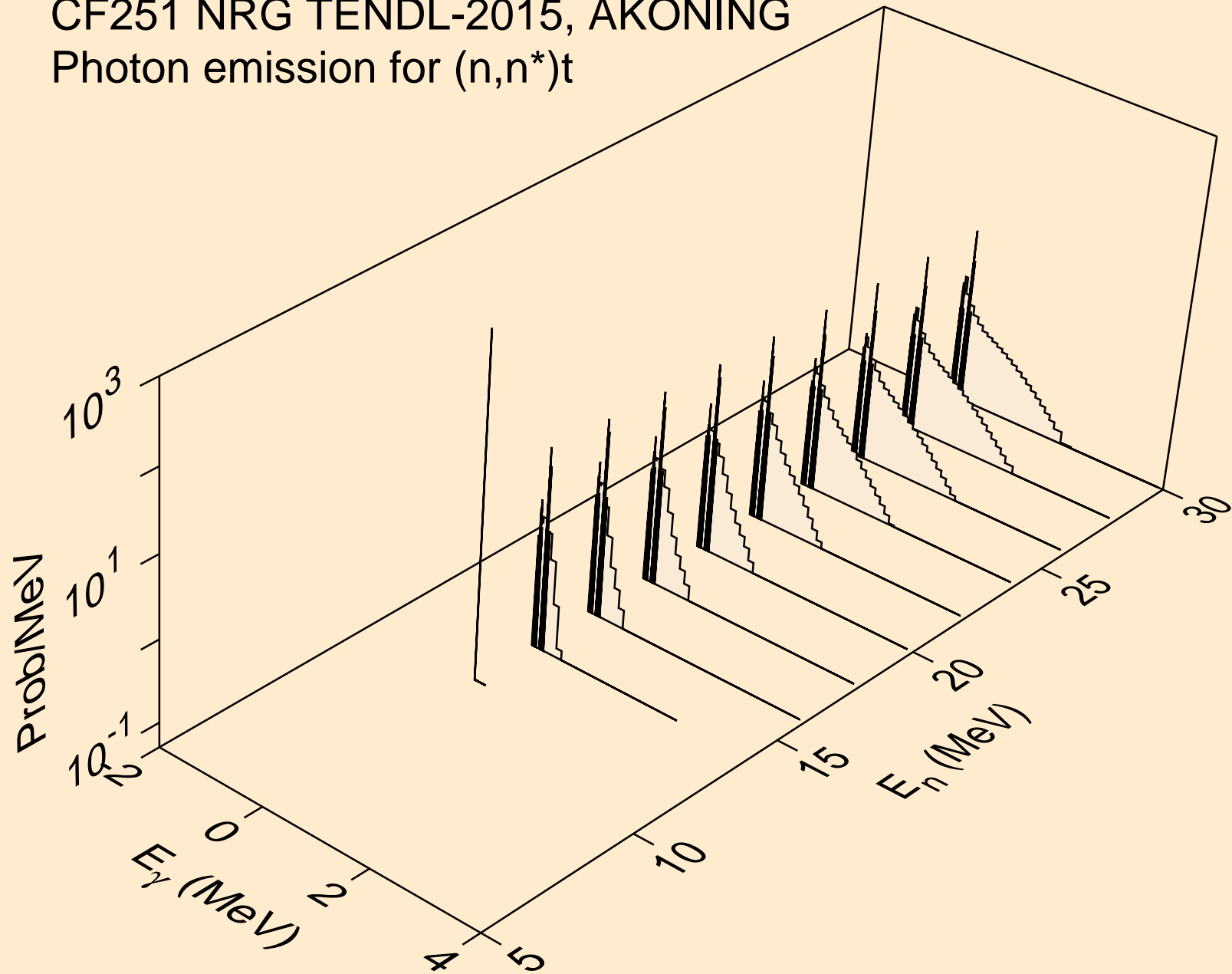




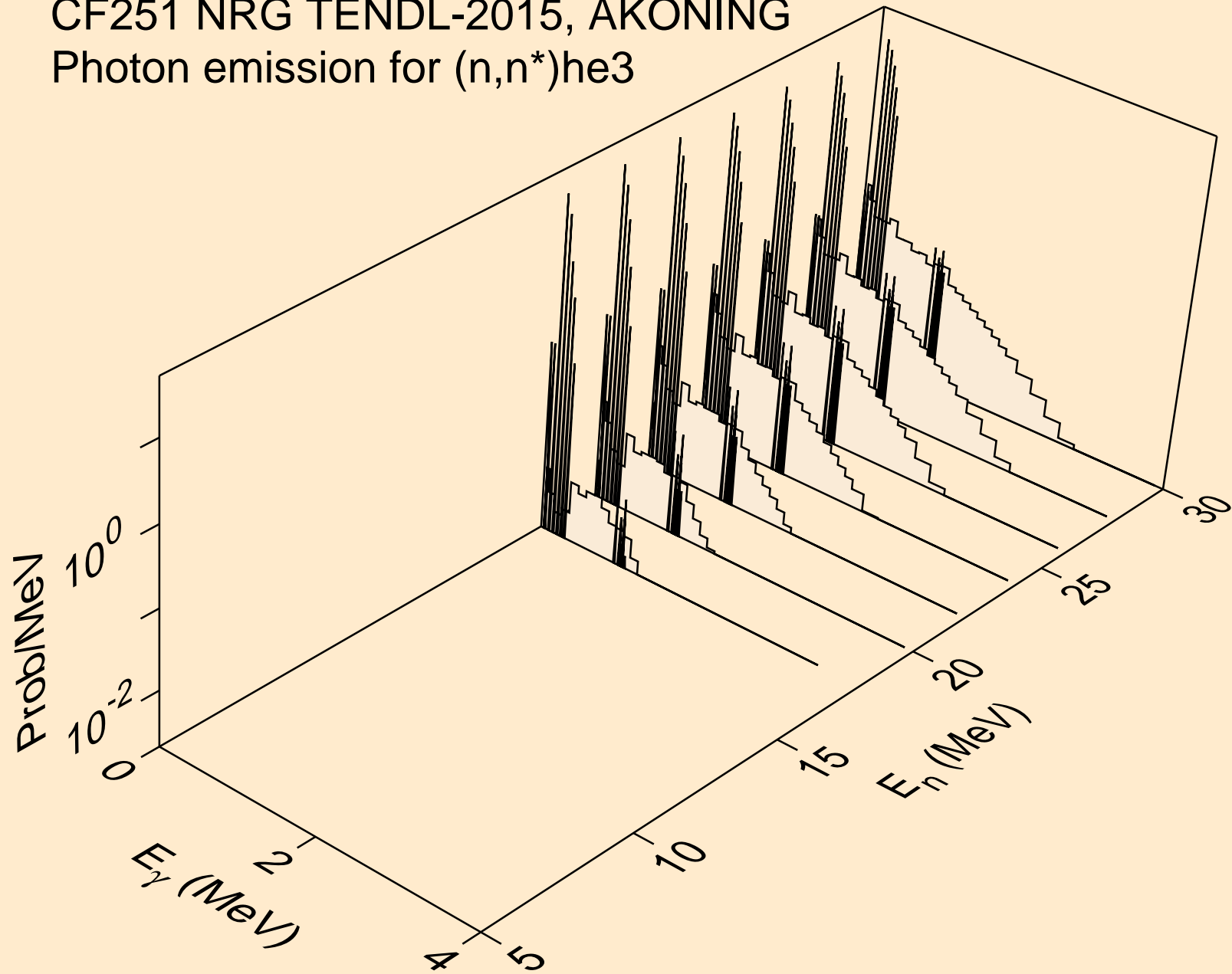
CF251 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



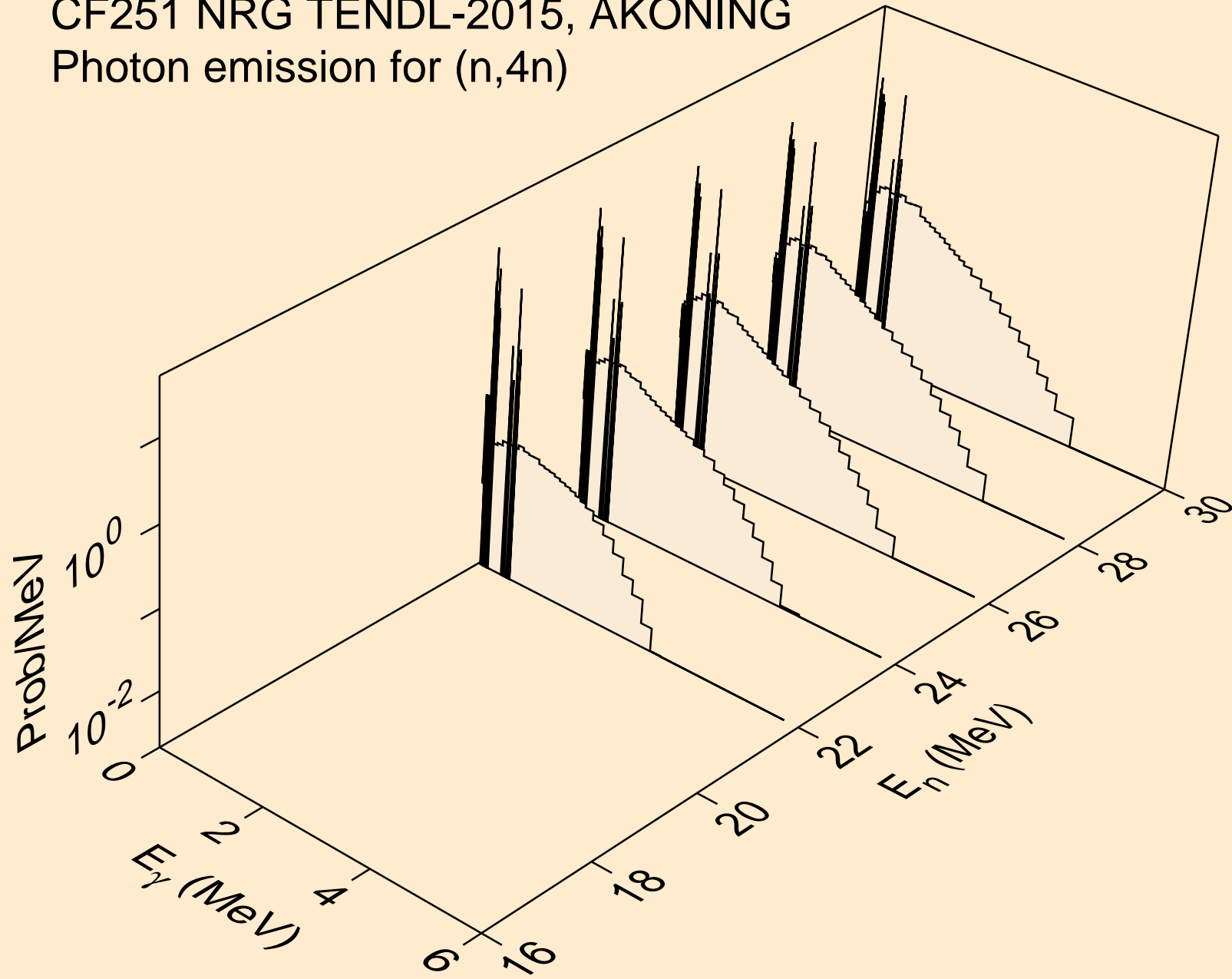
CF251 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



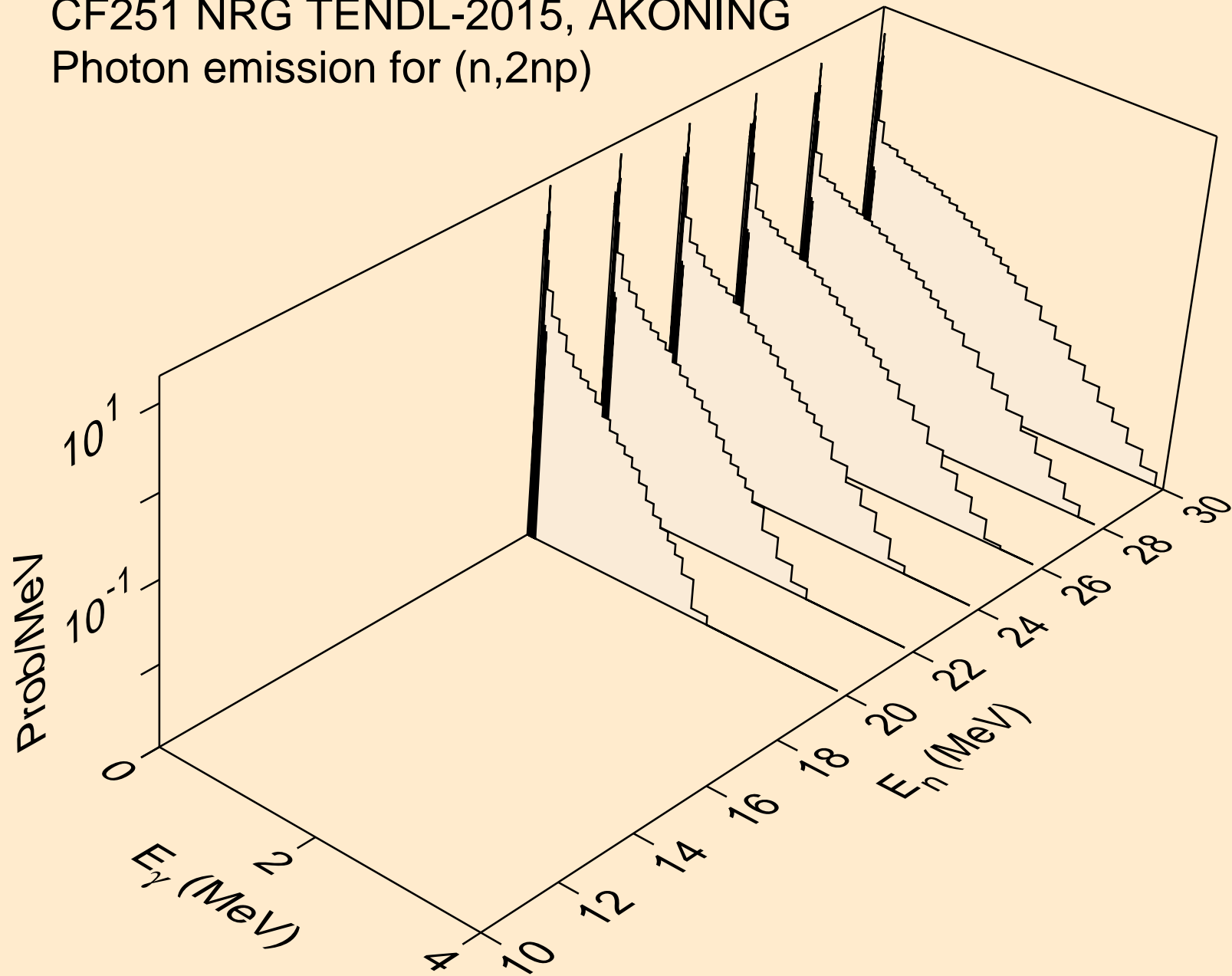
CF251 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



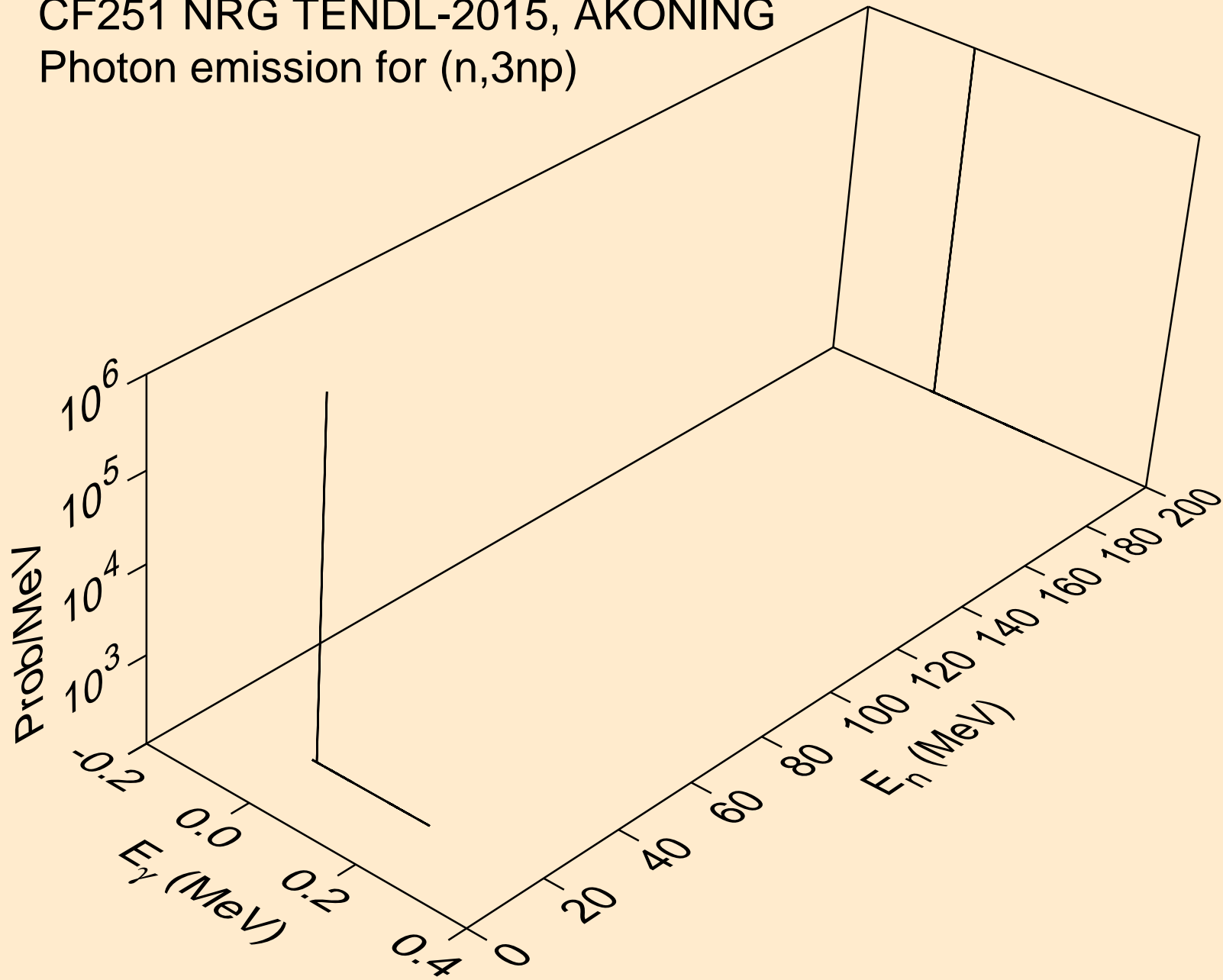
CF251 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



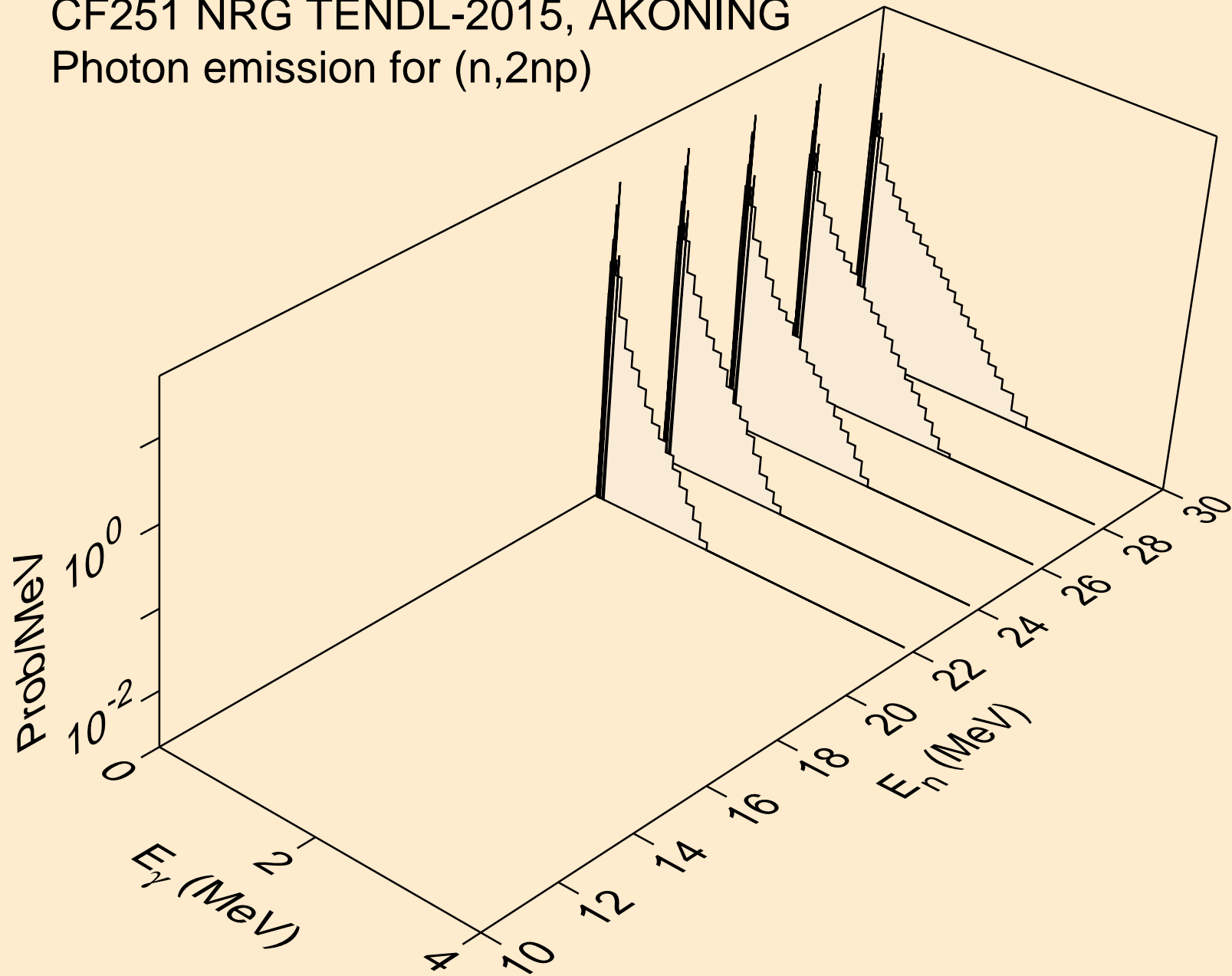
CF251 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



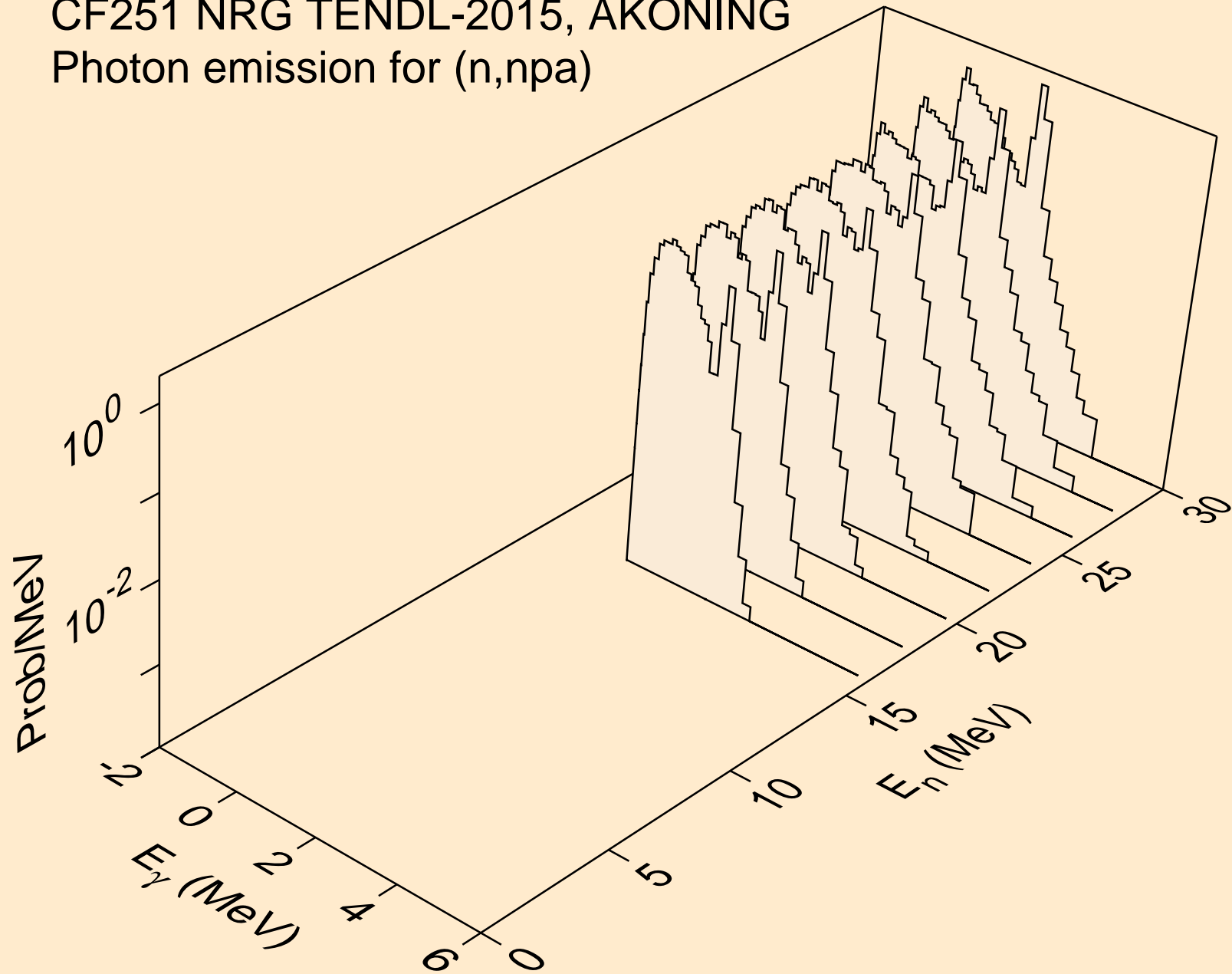
CF251 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



CF251 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

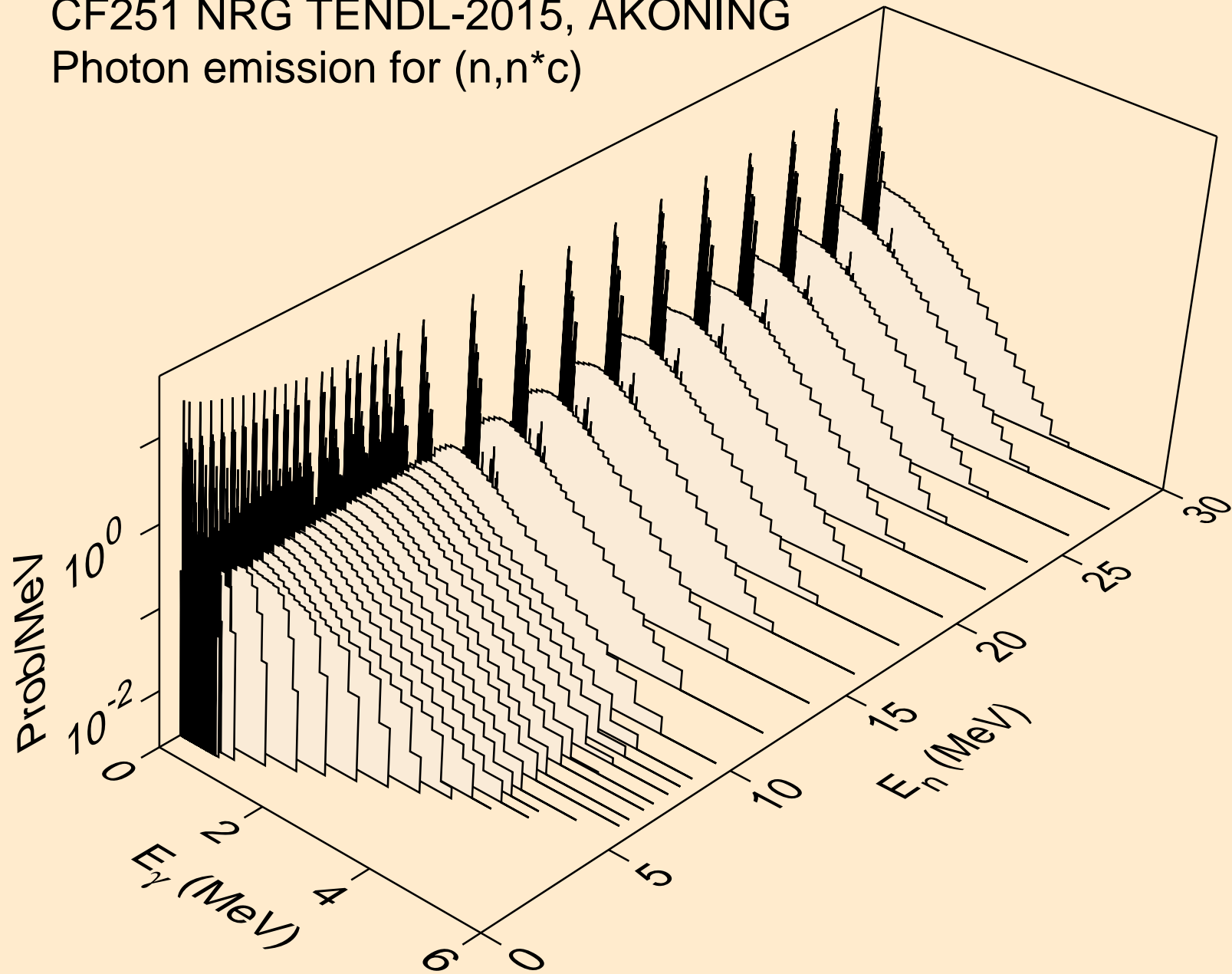


CF251 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)

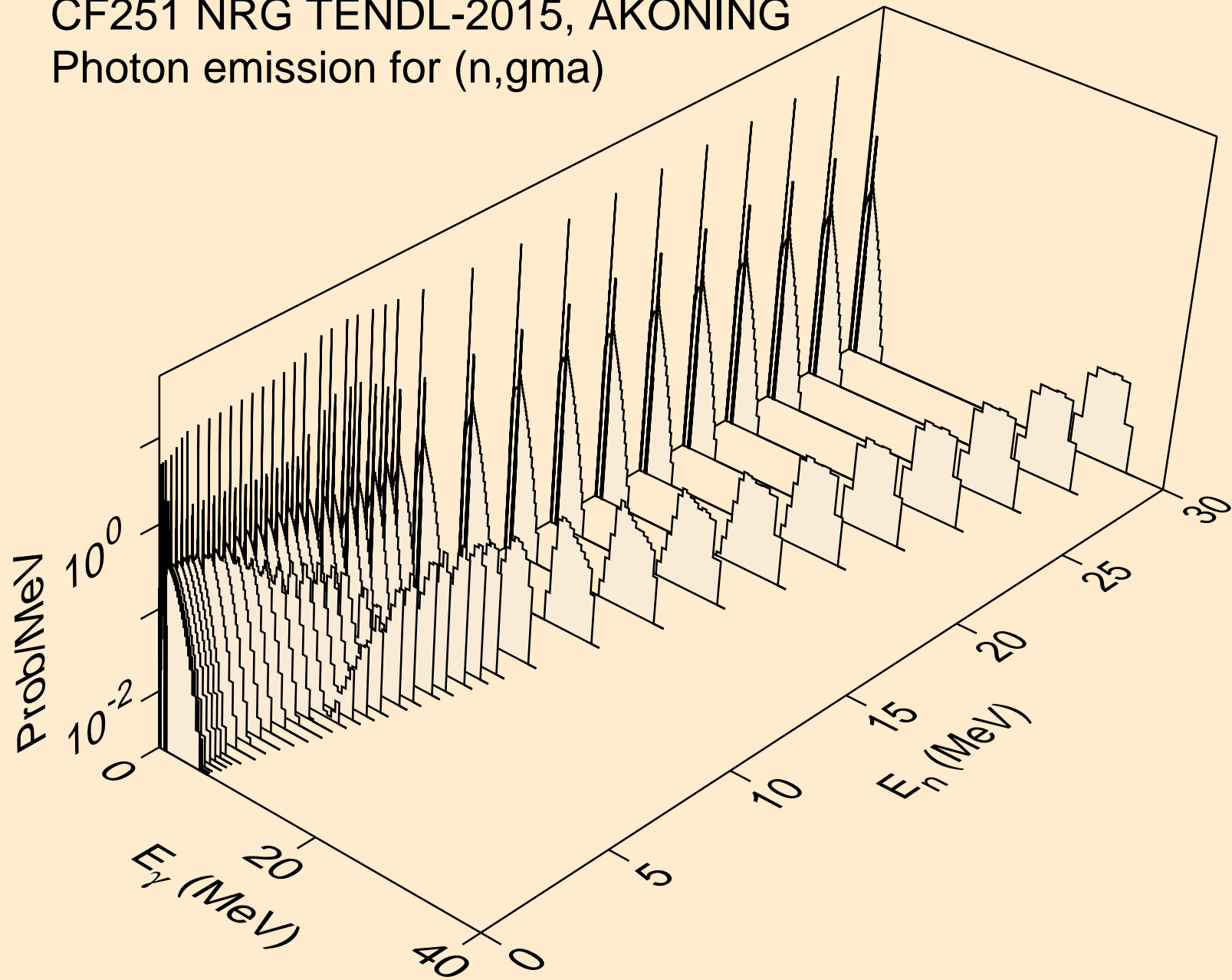




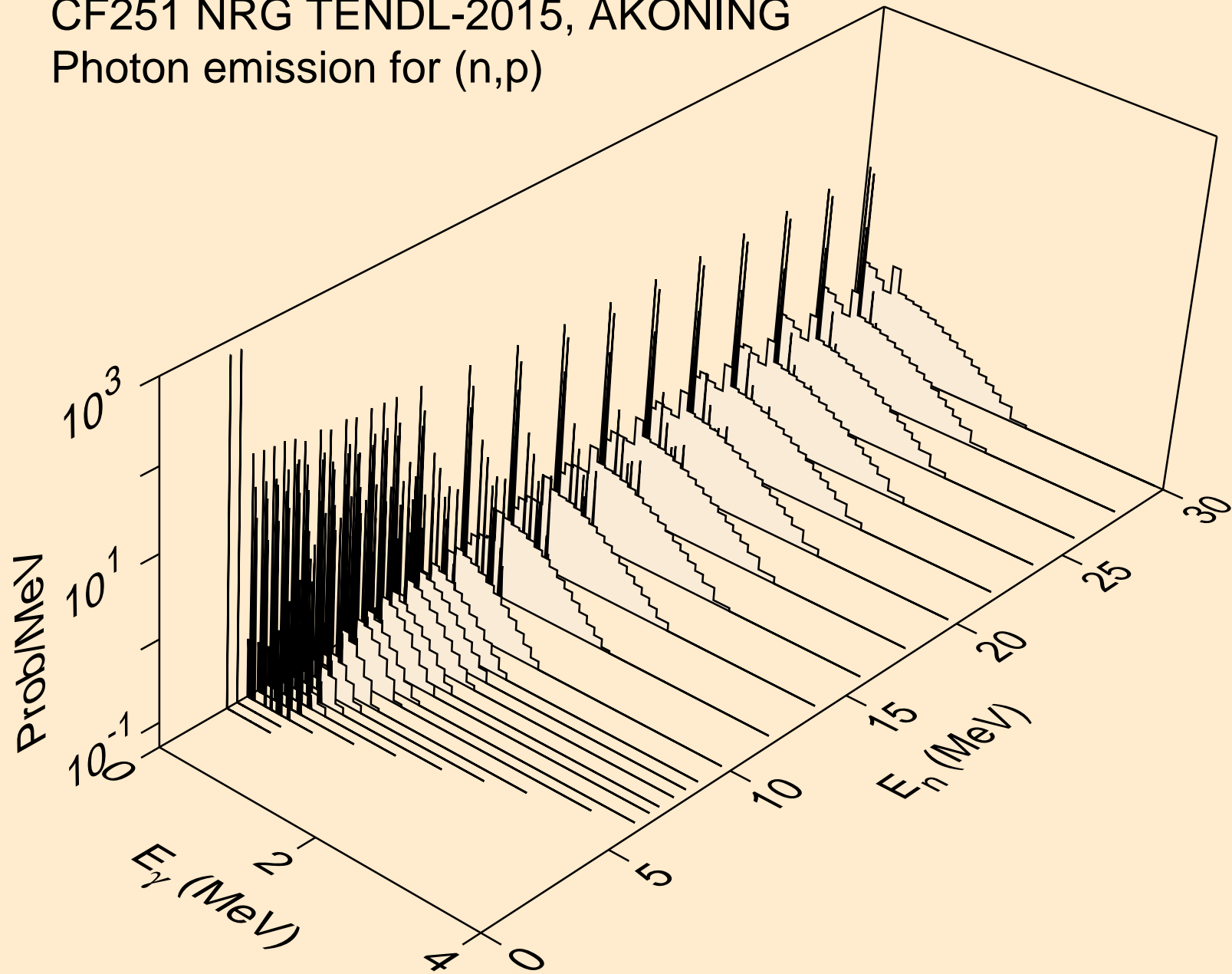
CF251 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



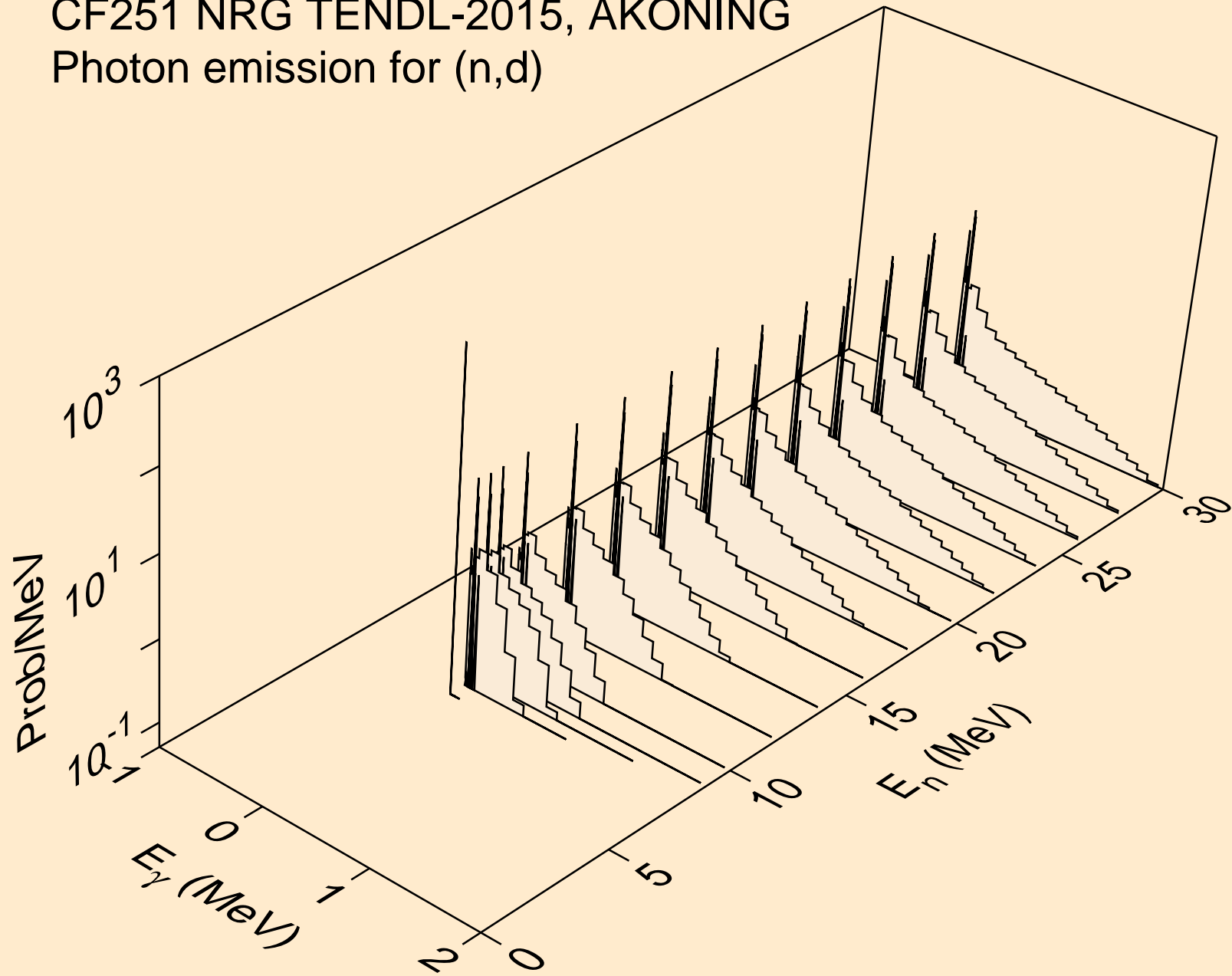
CF251 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



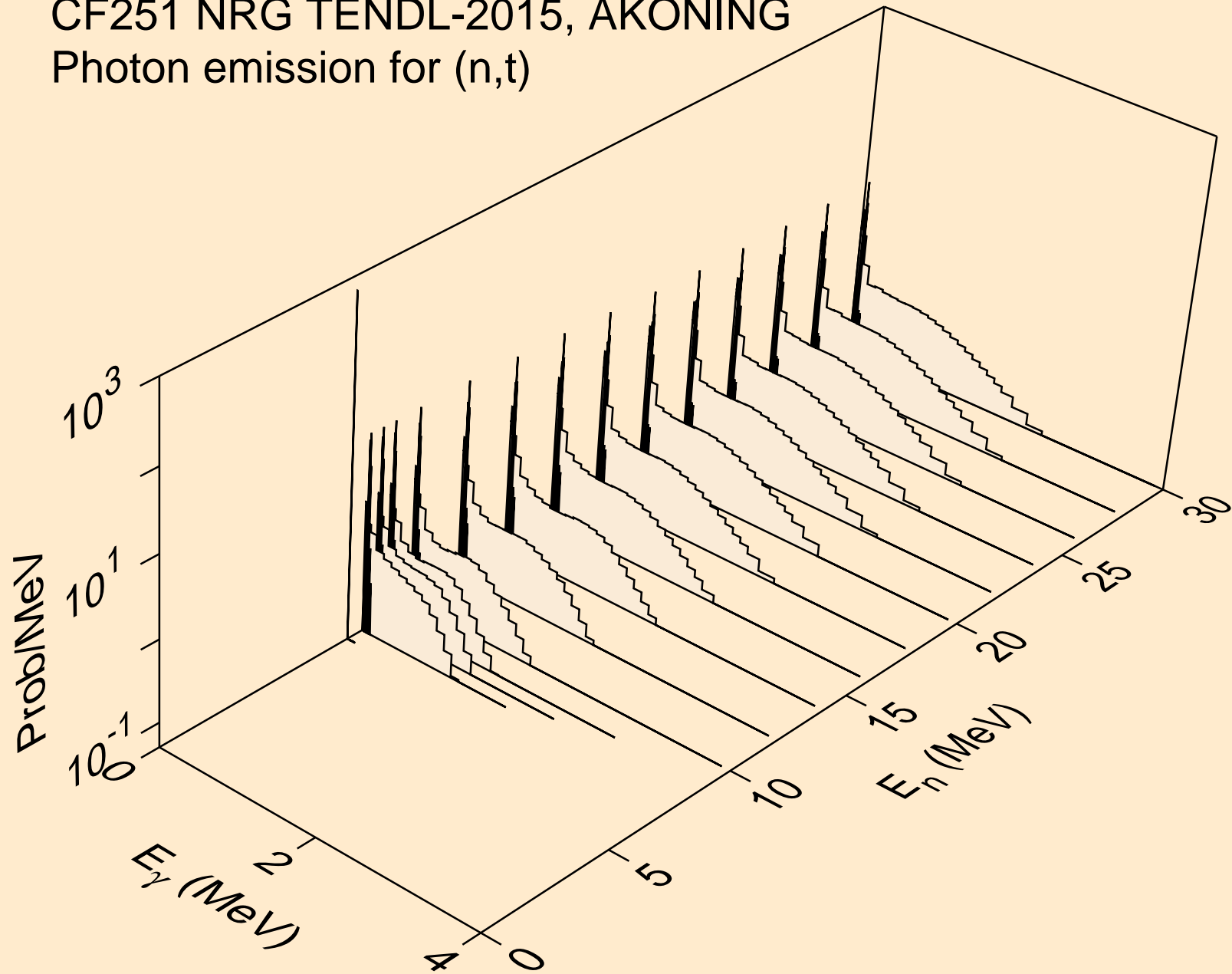
CF251 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



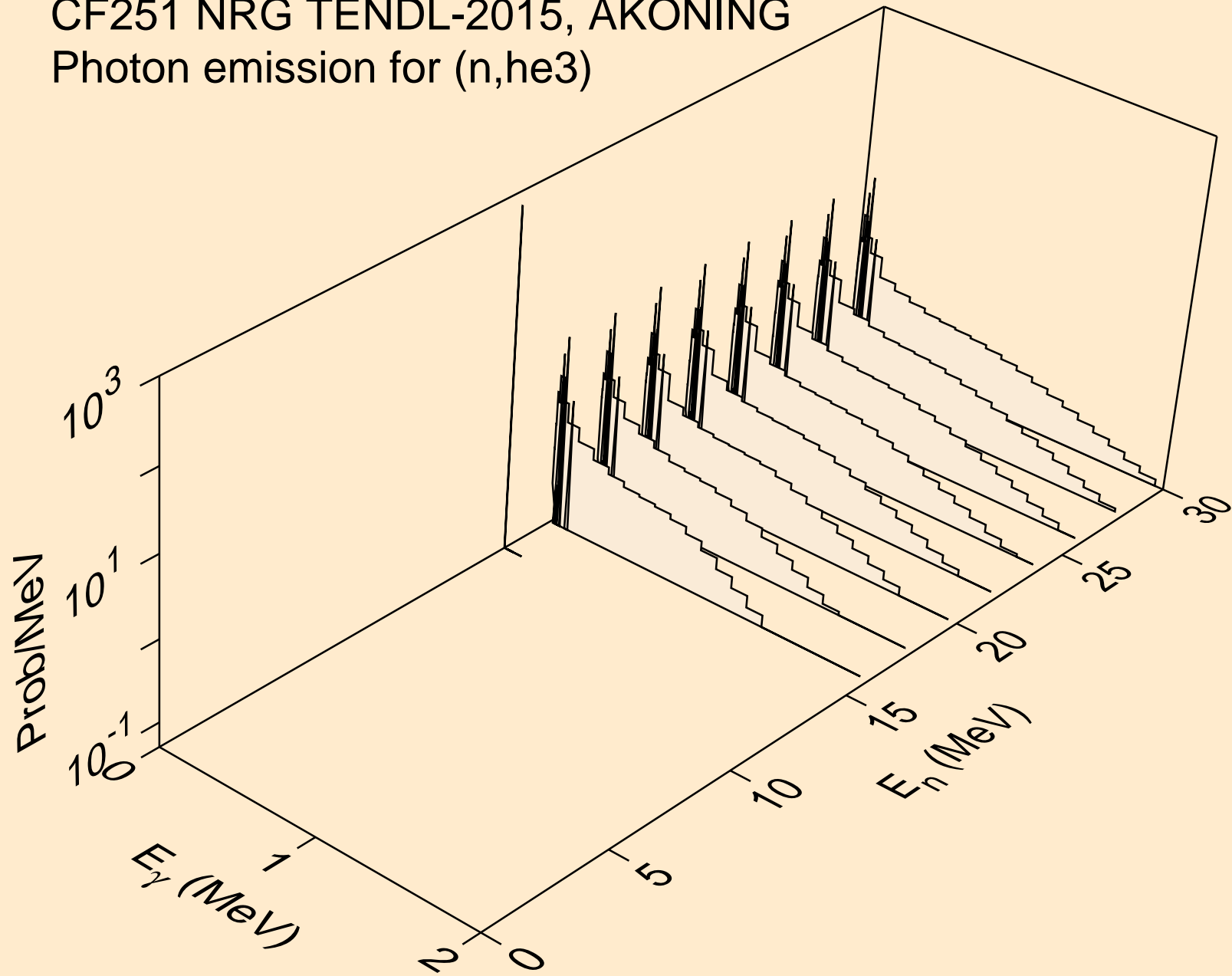
CF251 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



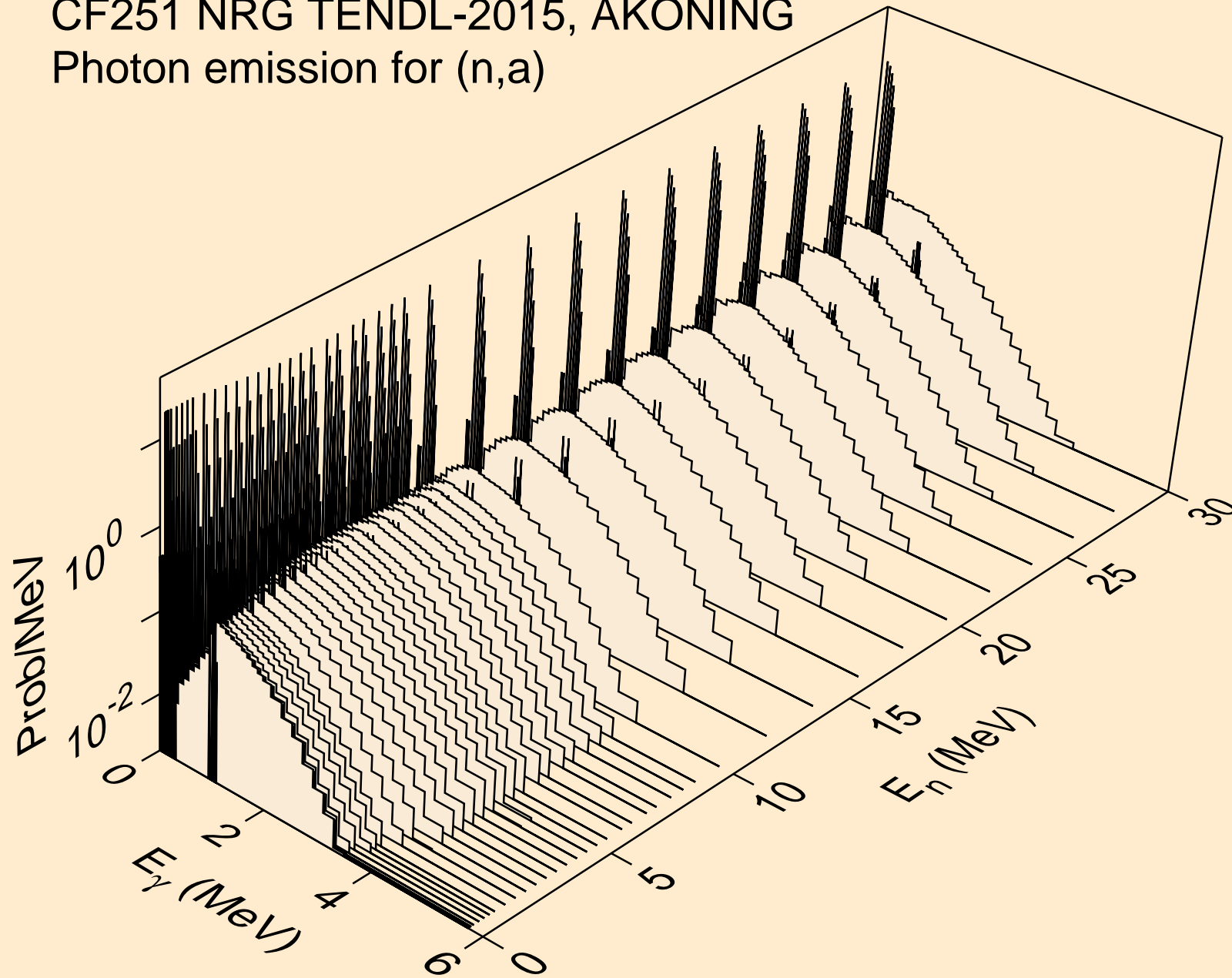
CF251 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



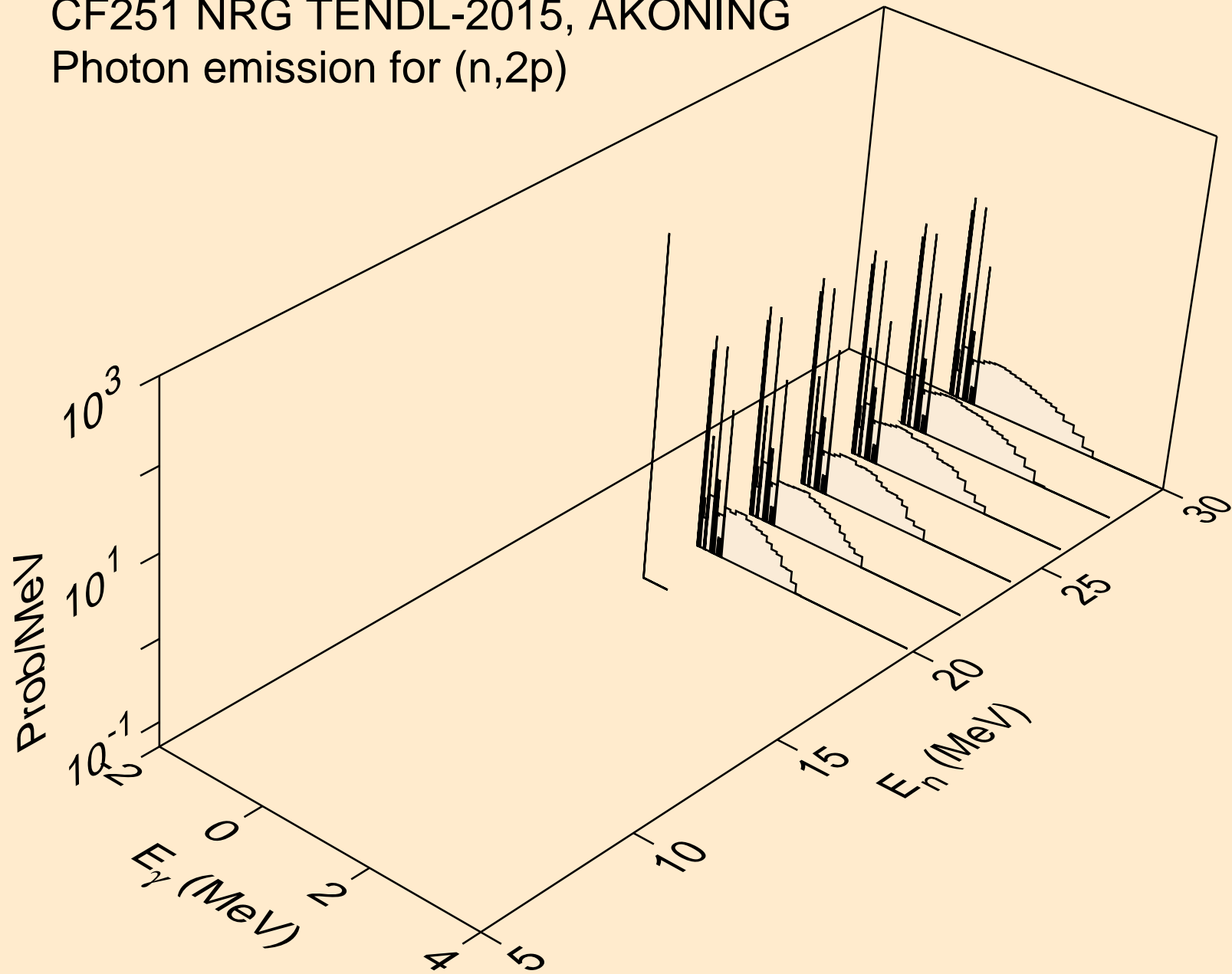
CF251 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



CF251 NRG TENDL-2015, AKONING  
Photon emission for (n,a)

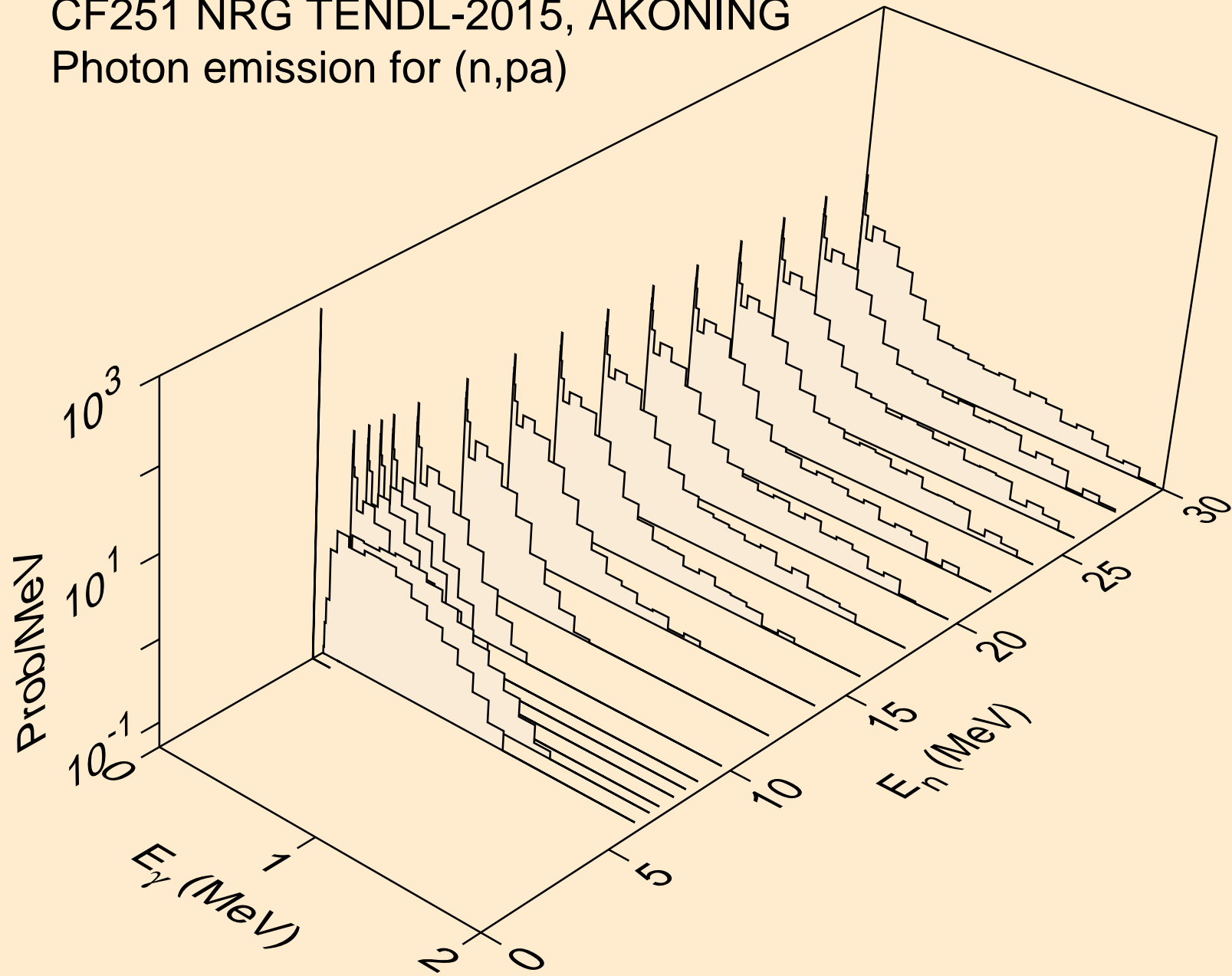


CF251 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)

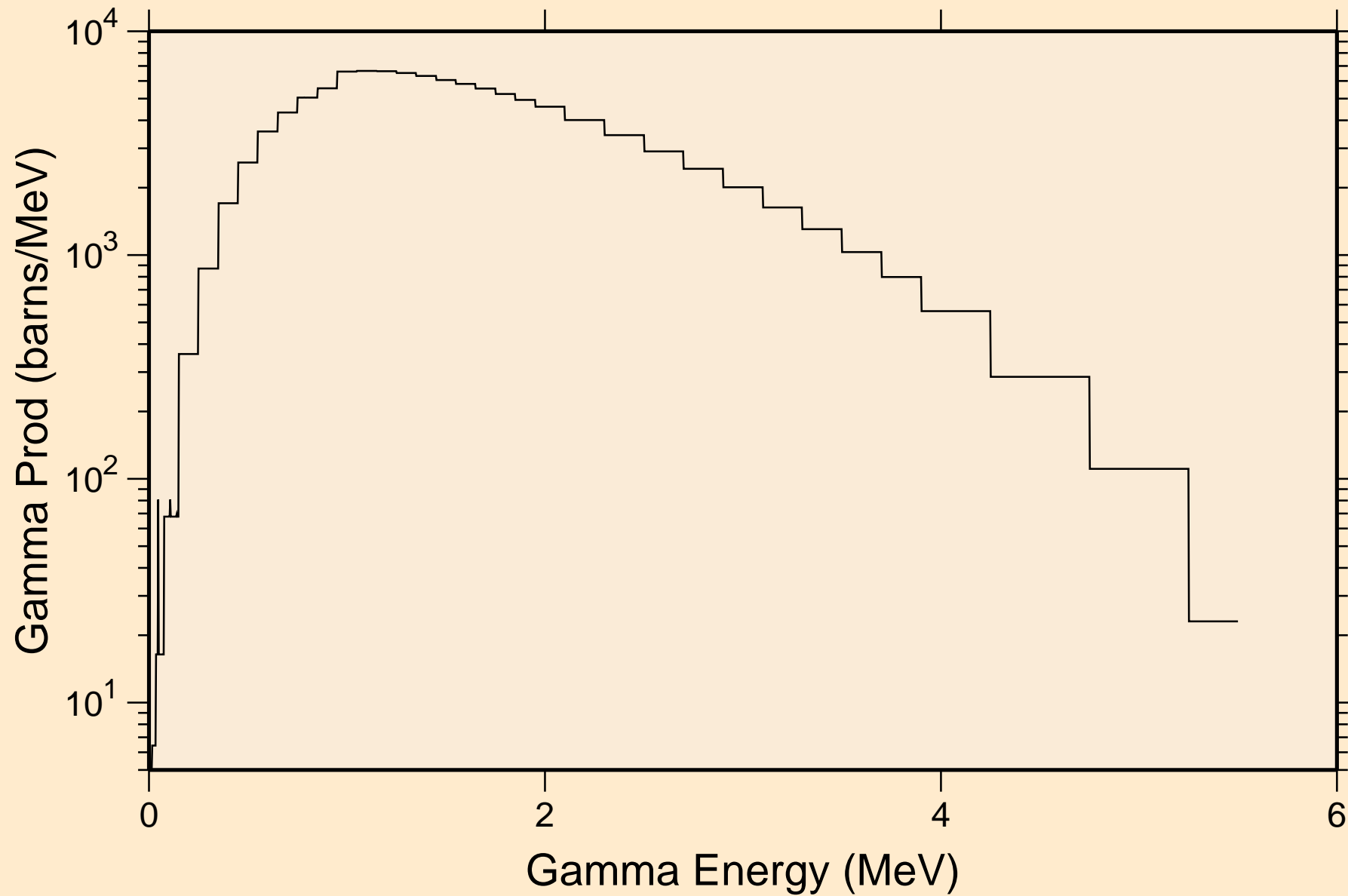




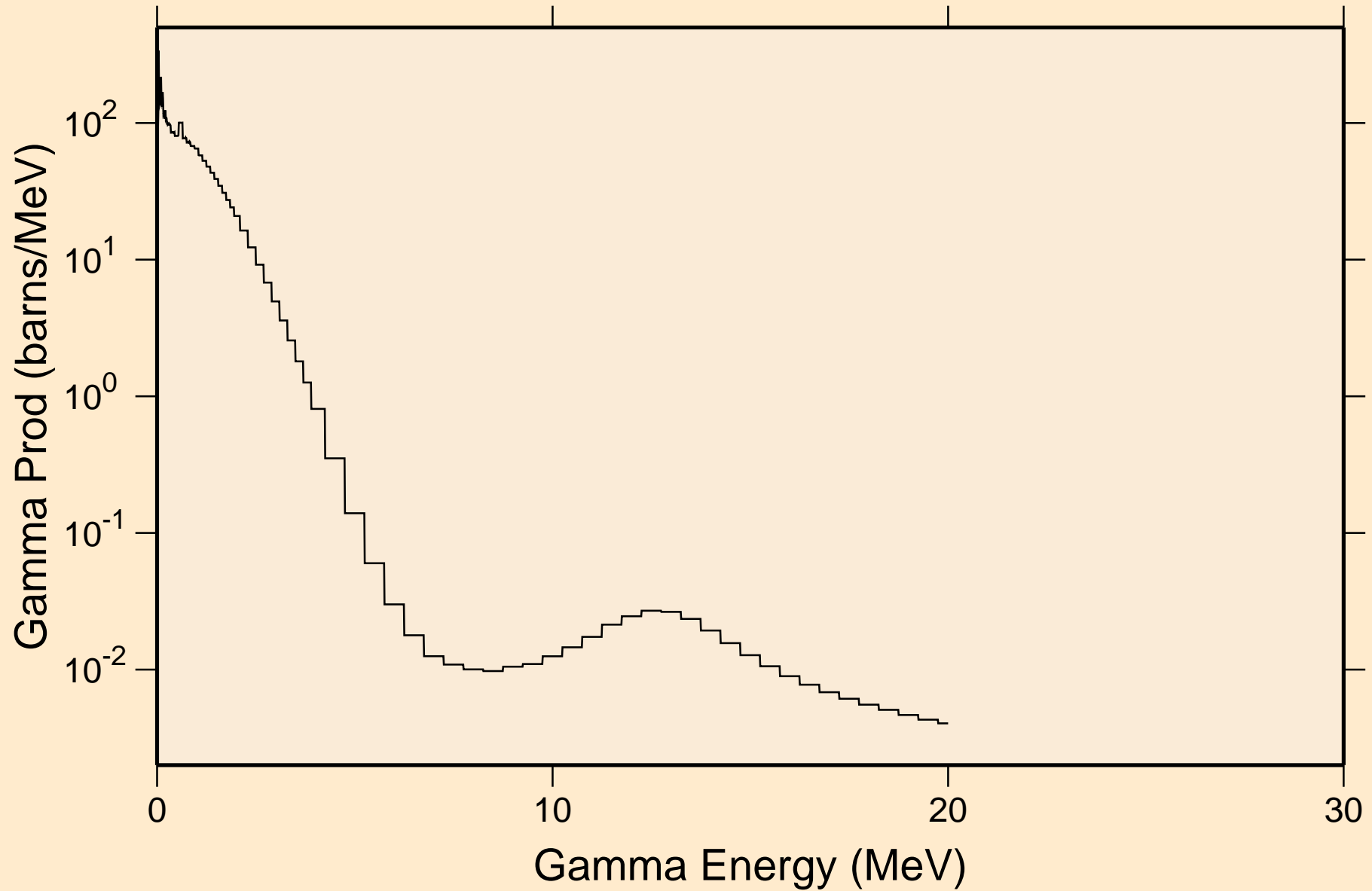
CF251 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



CF251 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

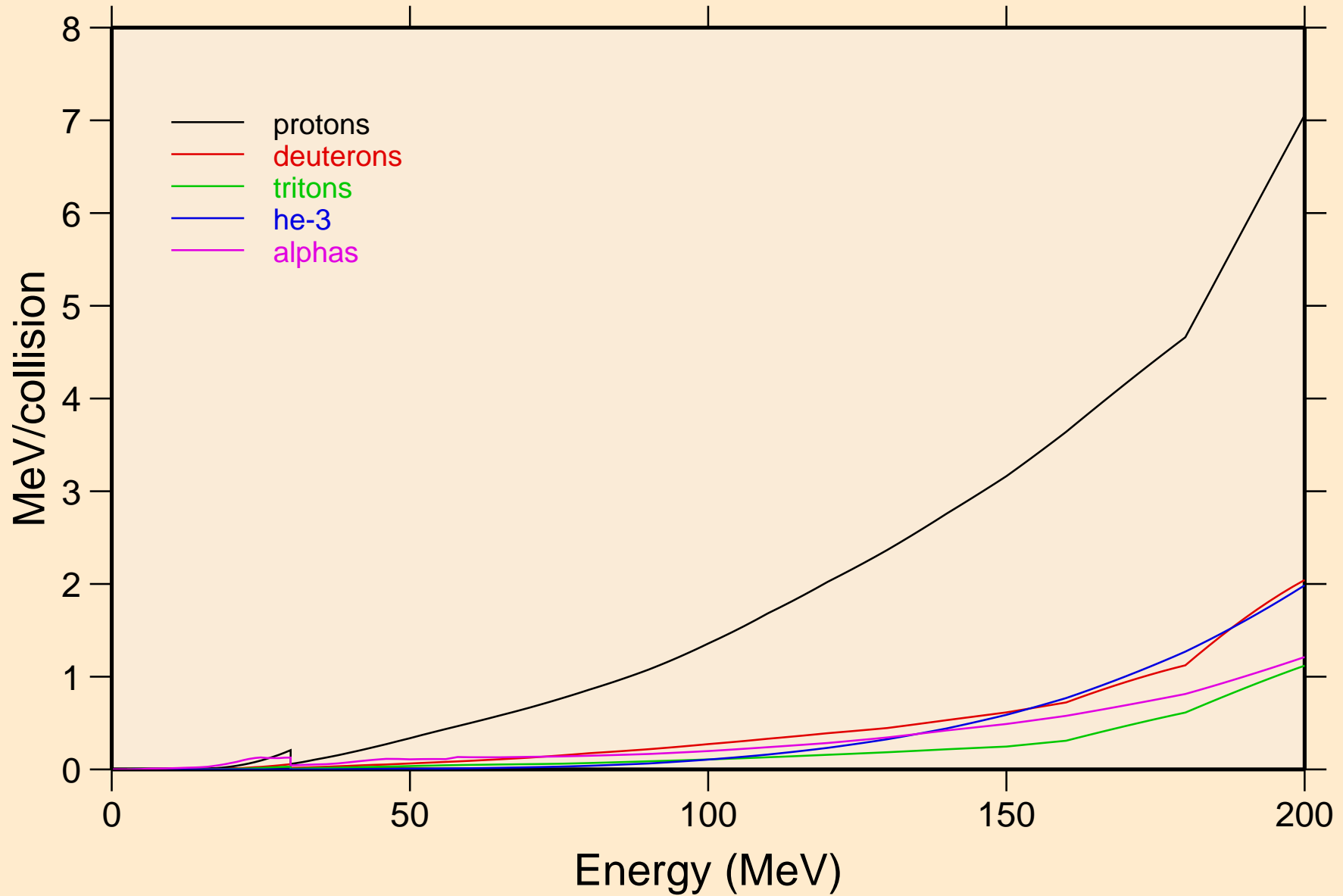


CF251 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



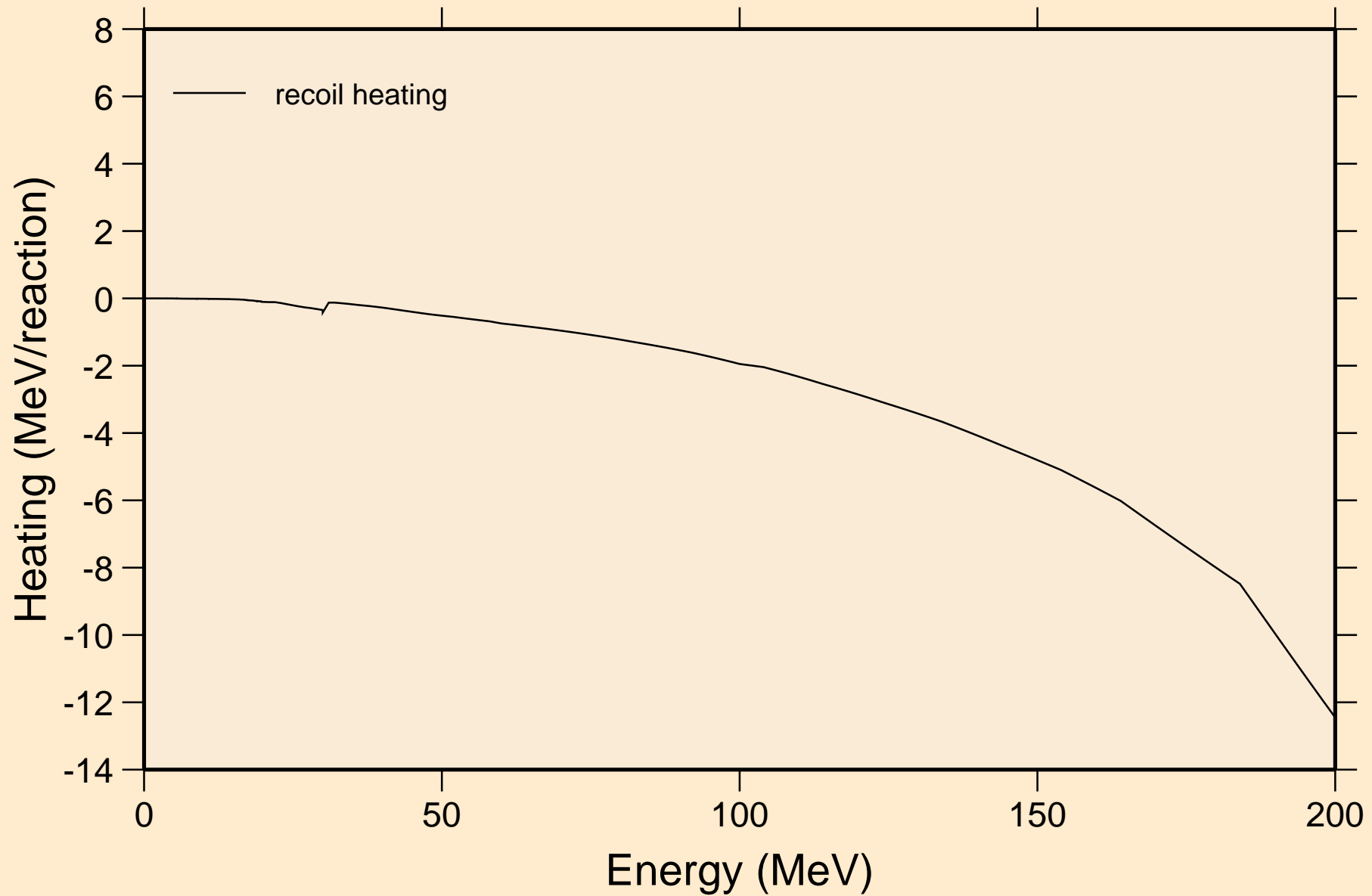
# CF251 NRG TENDL-2015, AKONING

## Particle heating contributions



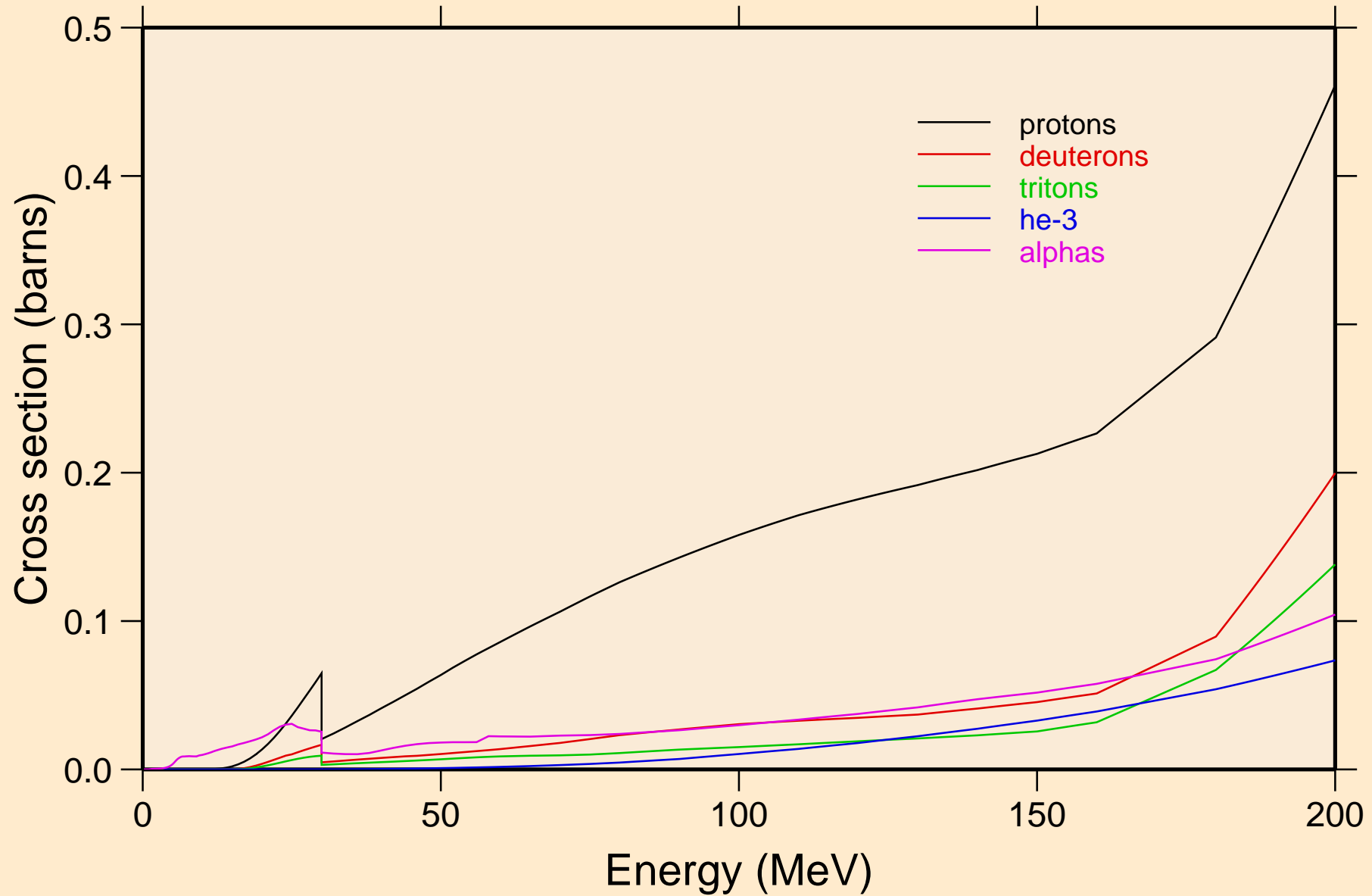
# CF251 NRG TENDL-2015, AKONING

## Recoil Heating

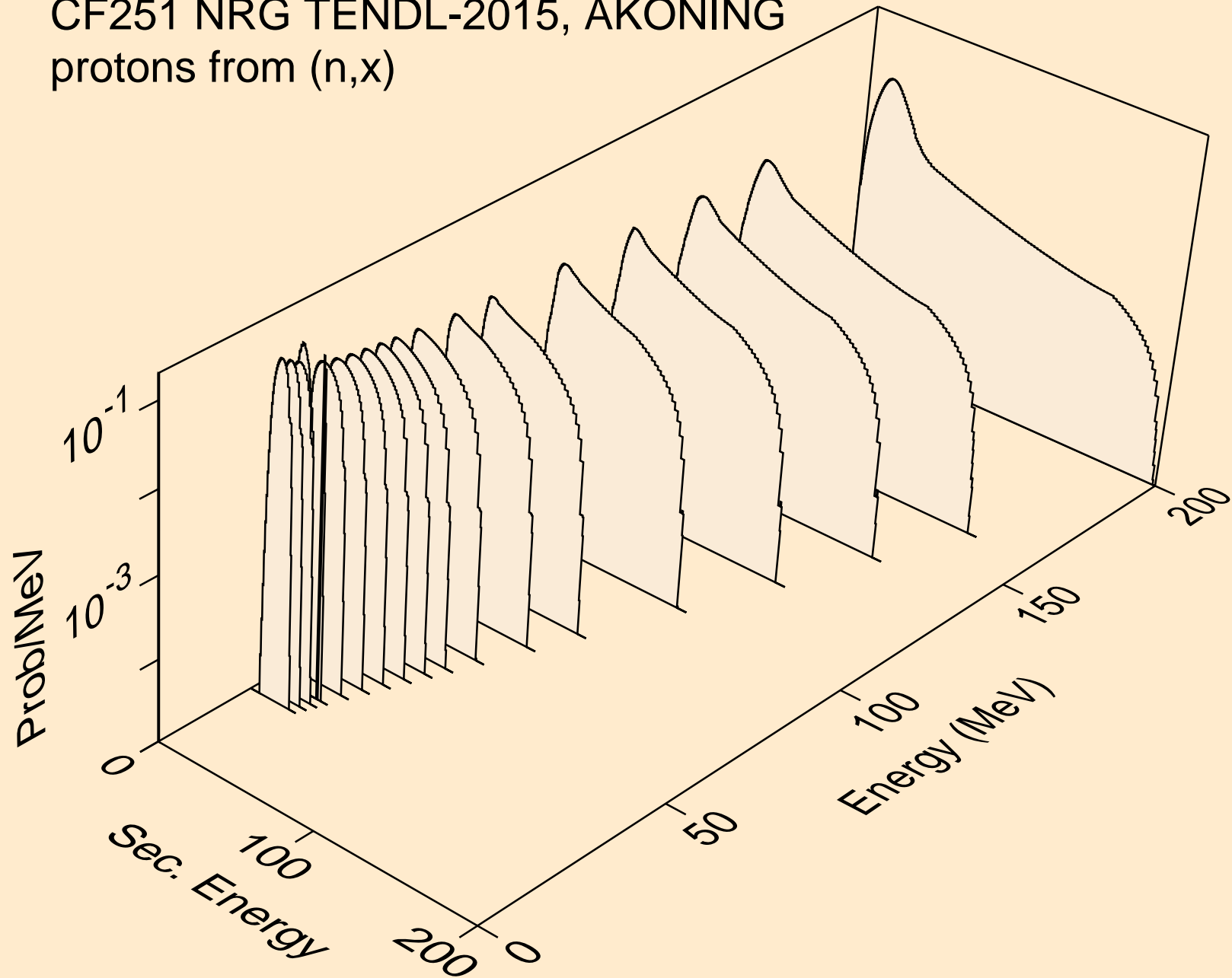


# CF251 NRG TENDL-2015, AKONING

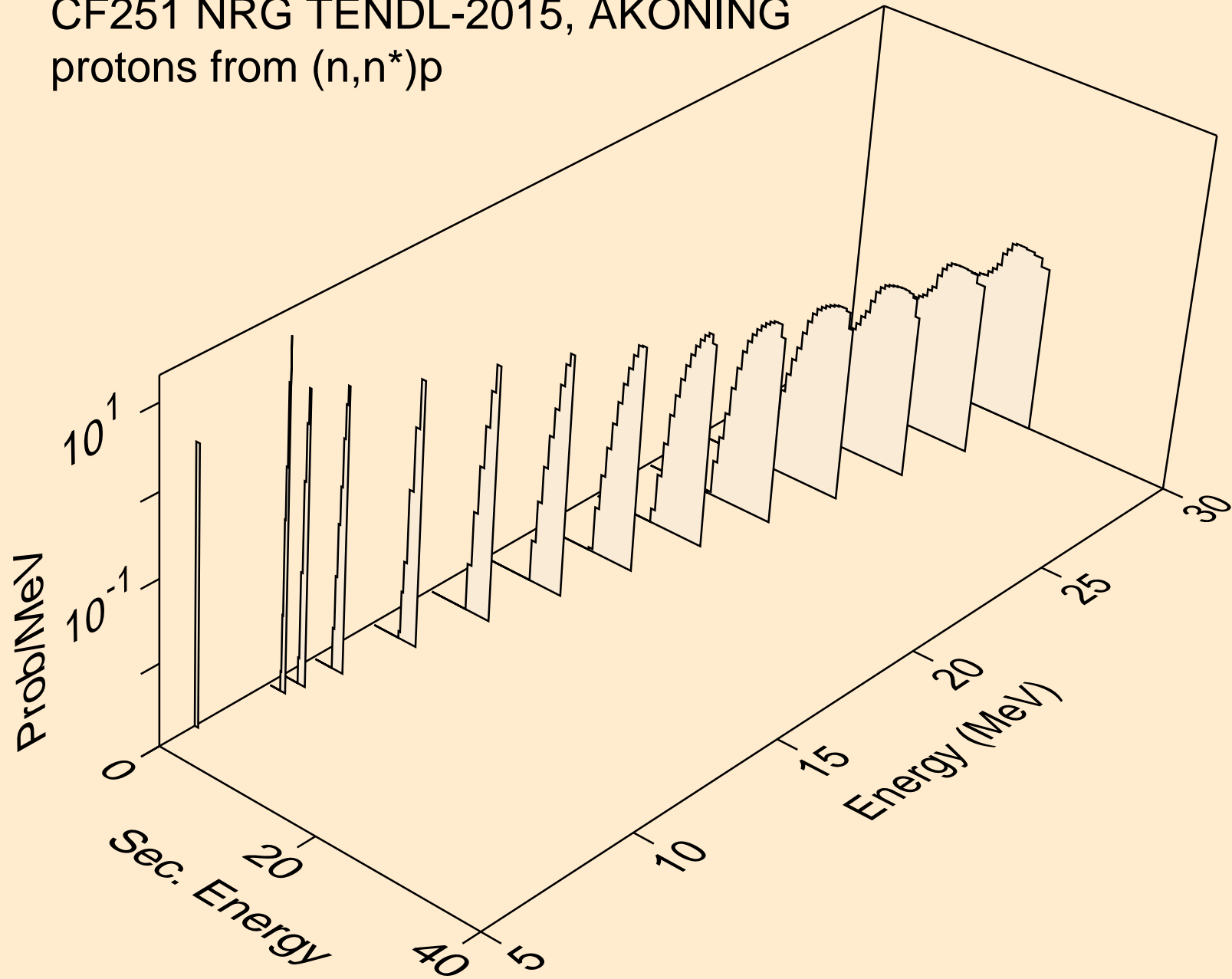
## Particle production cross sections



CF251 NRG TENDL-2015, AKONING  
protons from (n,x)

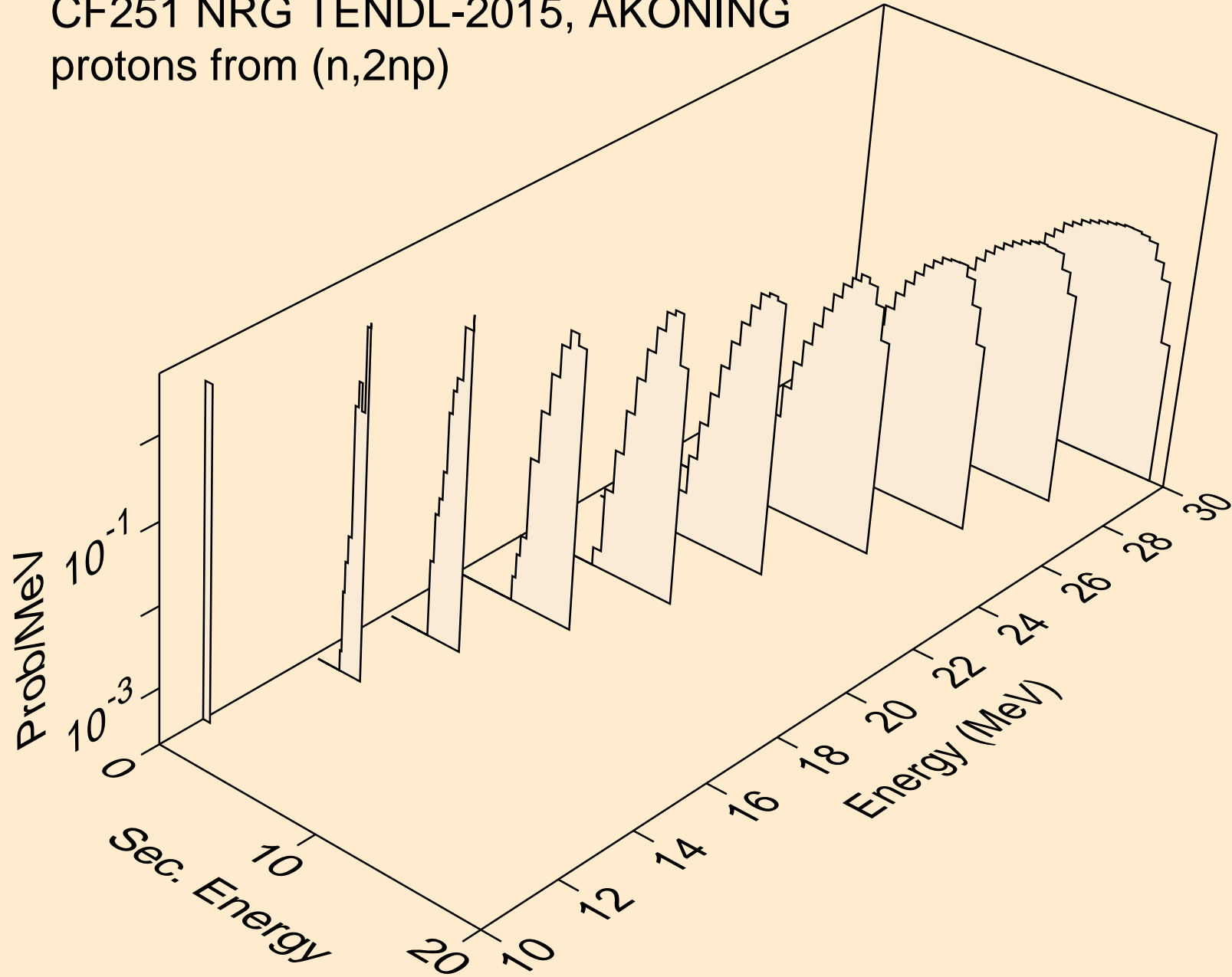


CF251 NRG TENDL-2015, AKONING  
protons from (n,n\*)p

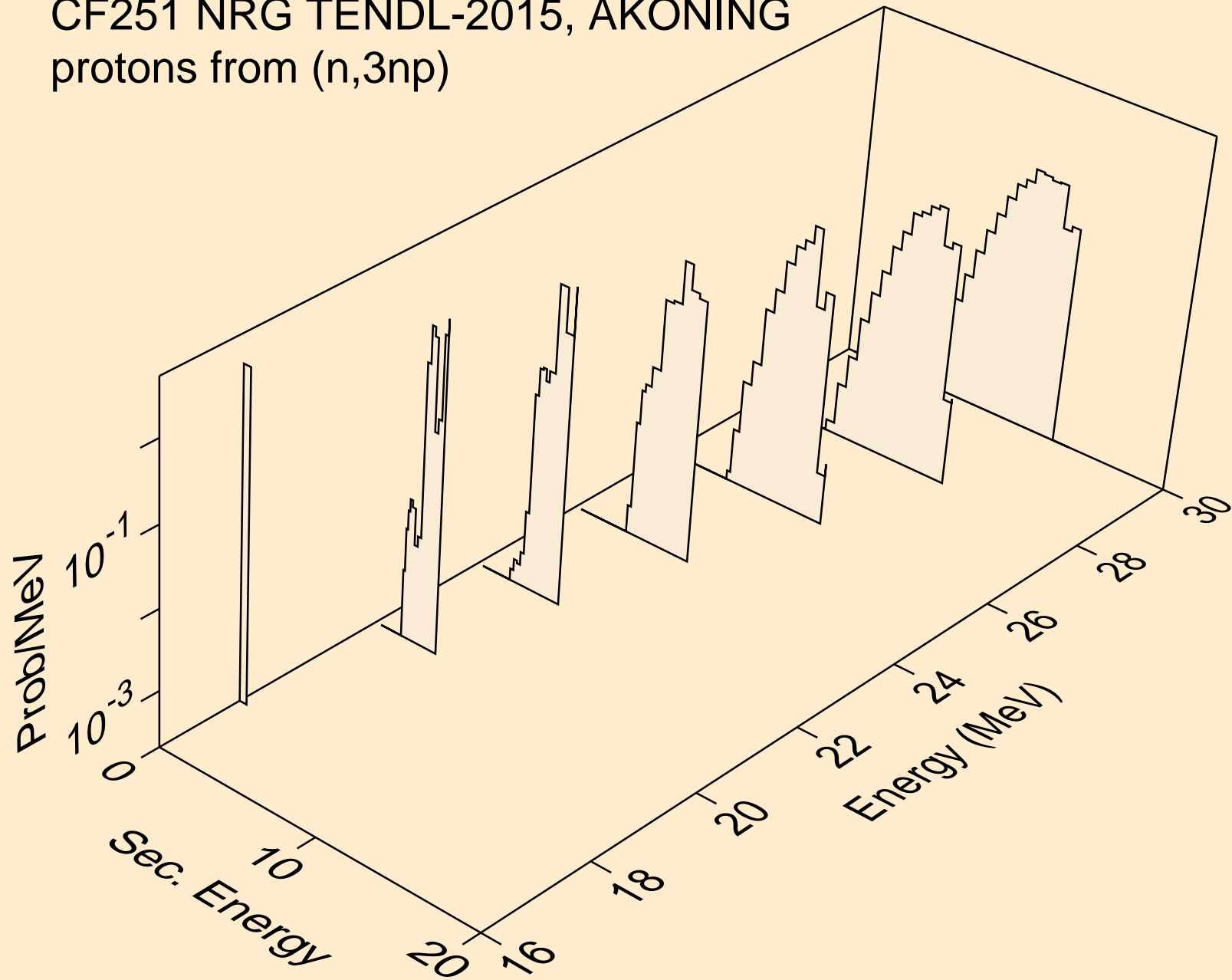




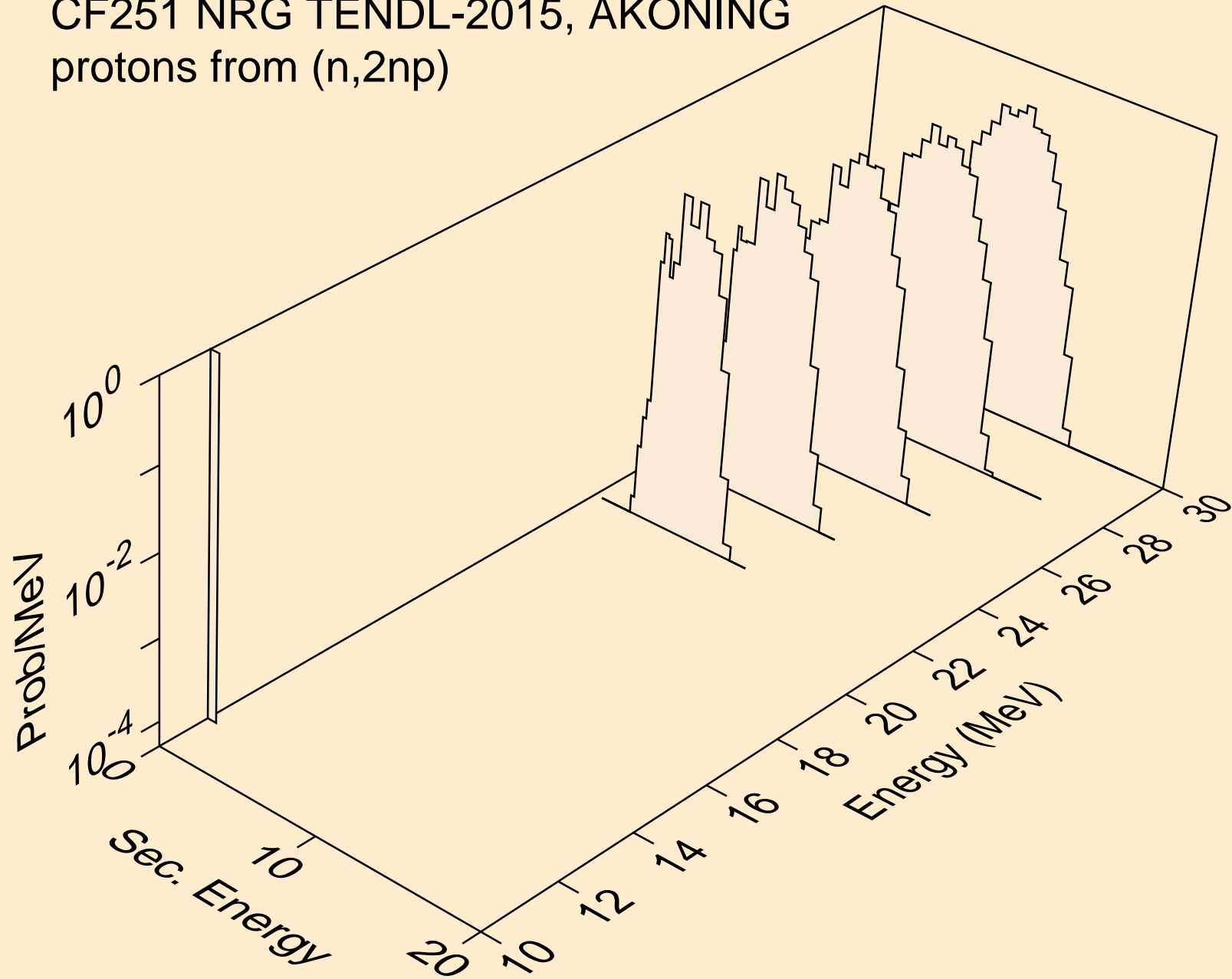
CF251 NRG TENDL-2015, AKONING  
protons from (n,2np)



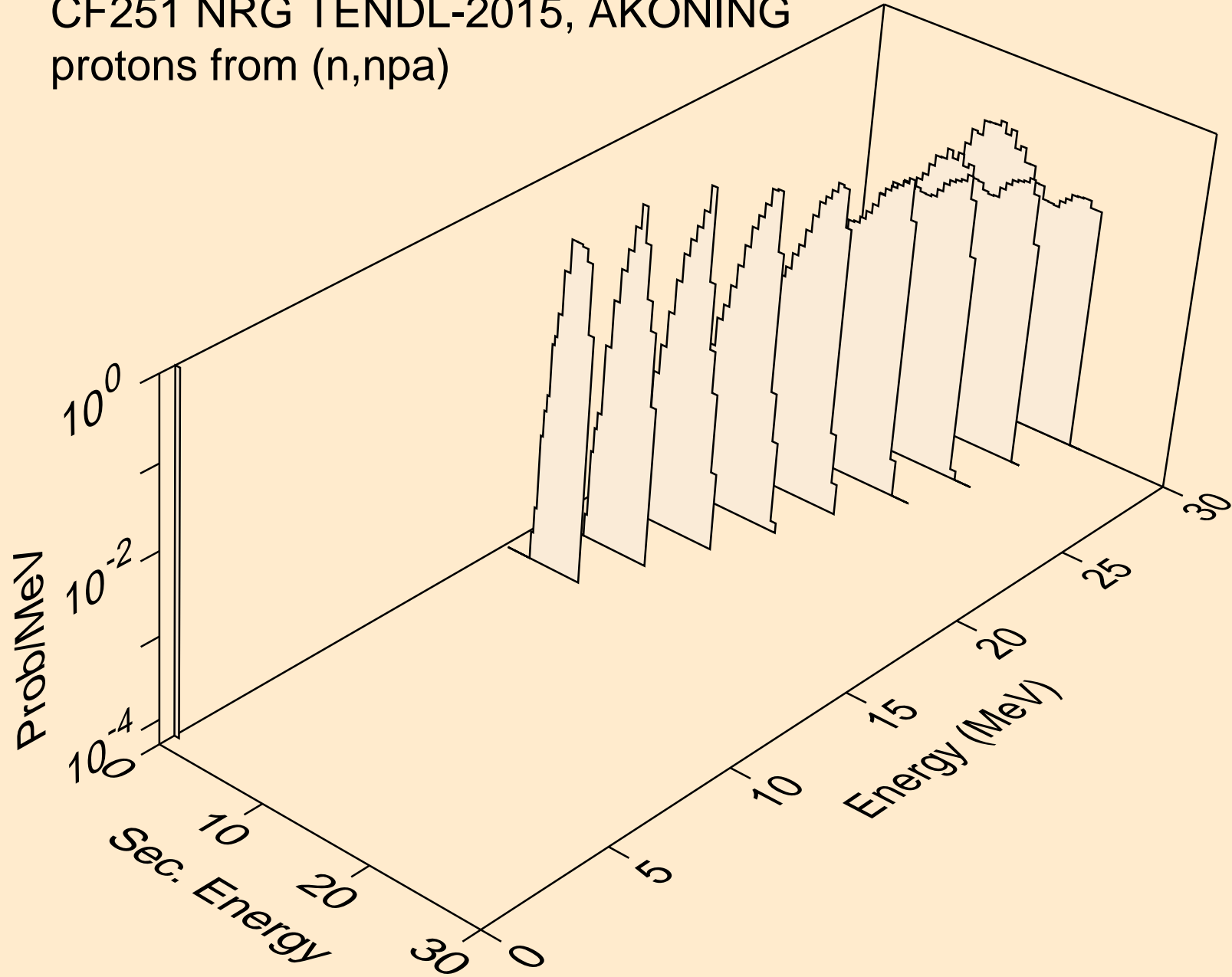
CF251 NRG TENDL-2015, AKONING  
protons from (n,3np)



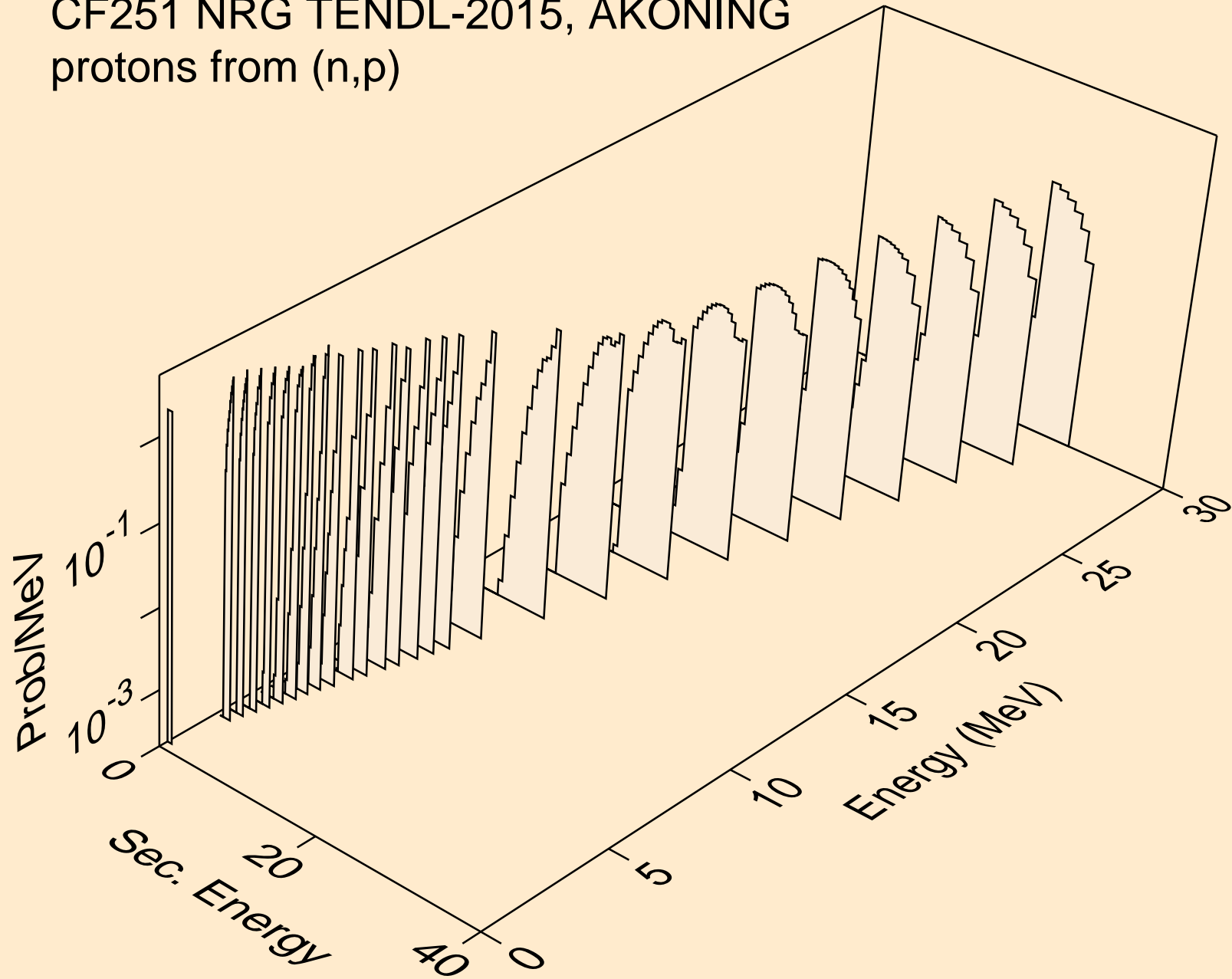
CF251 NRG TENDL-2015, AKONING  
protons from (n,2np)



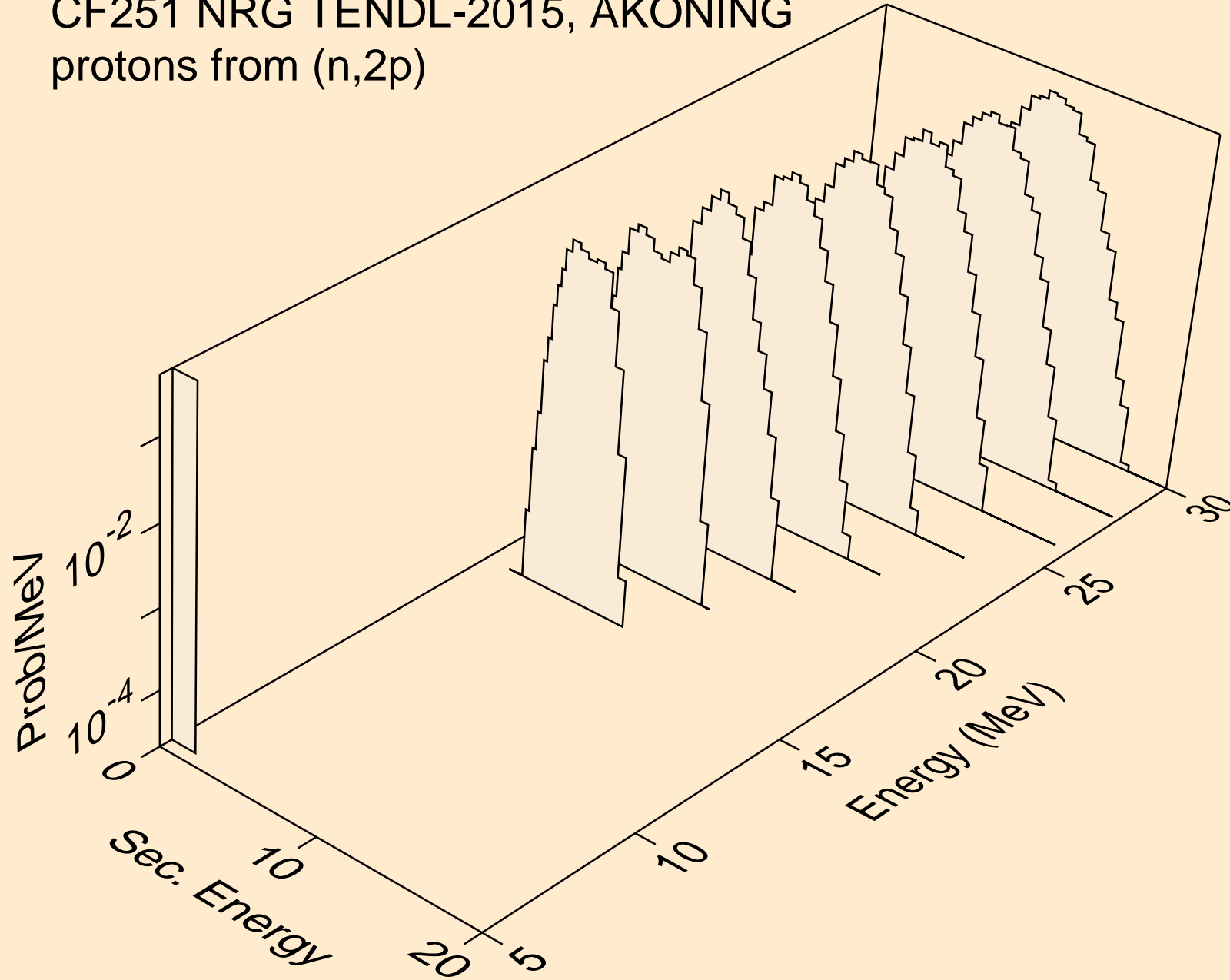
CF251 NRG TENDL-2015, AKONING  
protons from (n,npa)



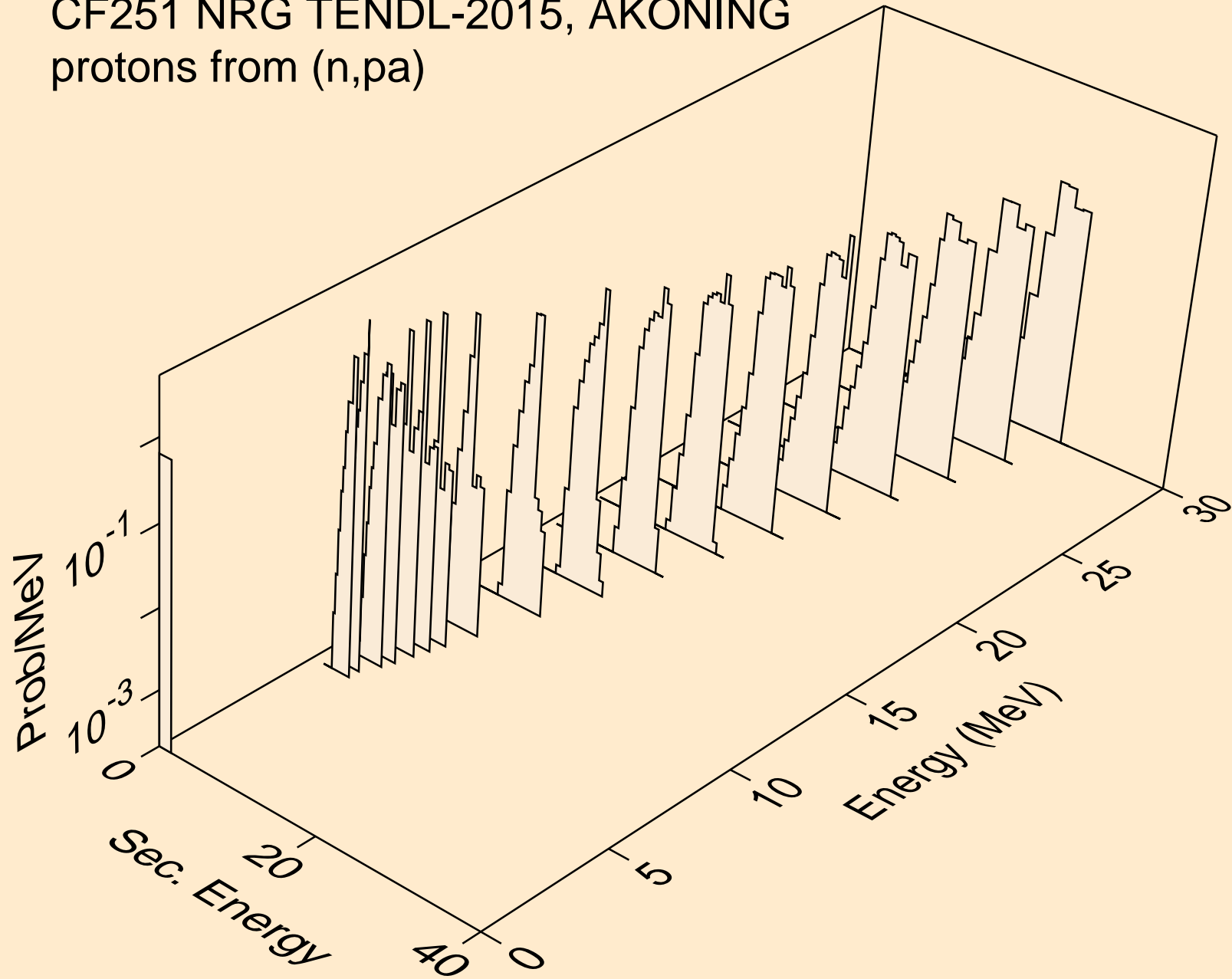
CF251 NRG TENDL-2015, AKONING  
protons from (n,p)



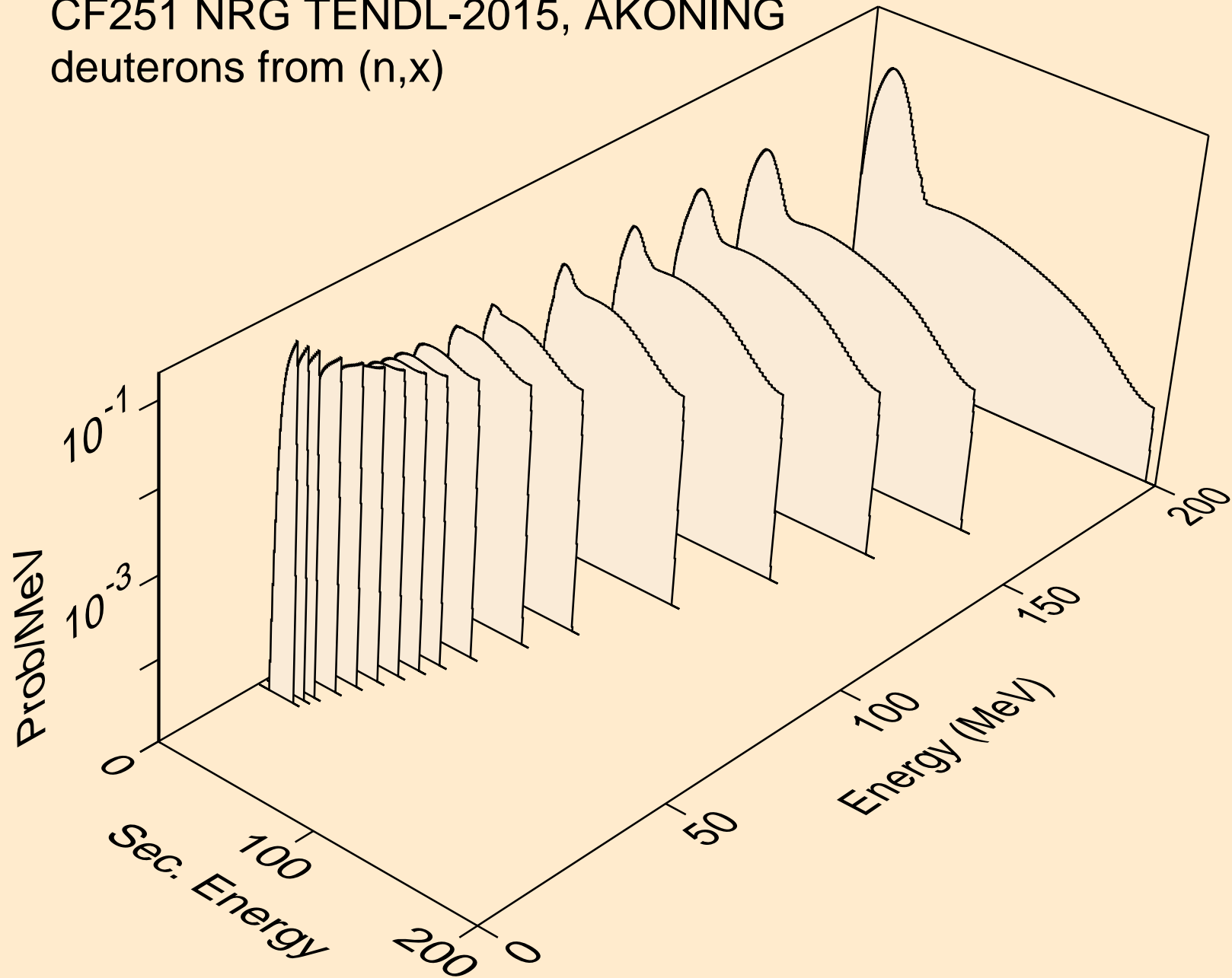
CF251 NRG TENDL-2015, AKONING  
protons from (n,2p)



CF251 NRG TENDL-2015, AKONING  
protons from (n,pa)

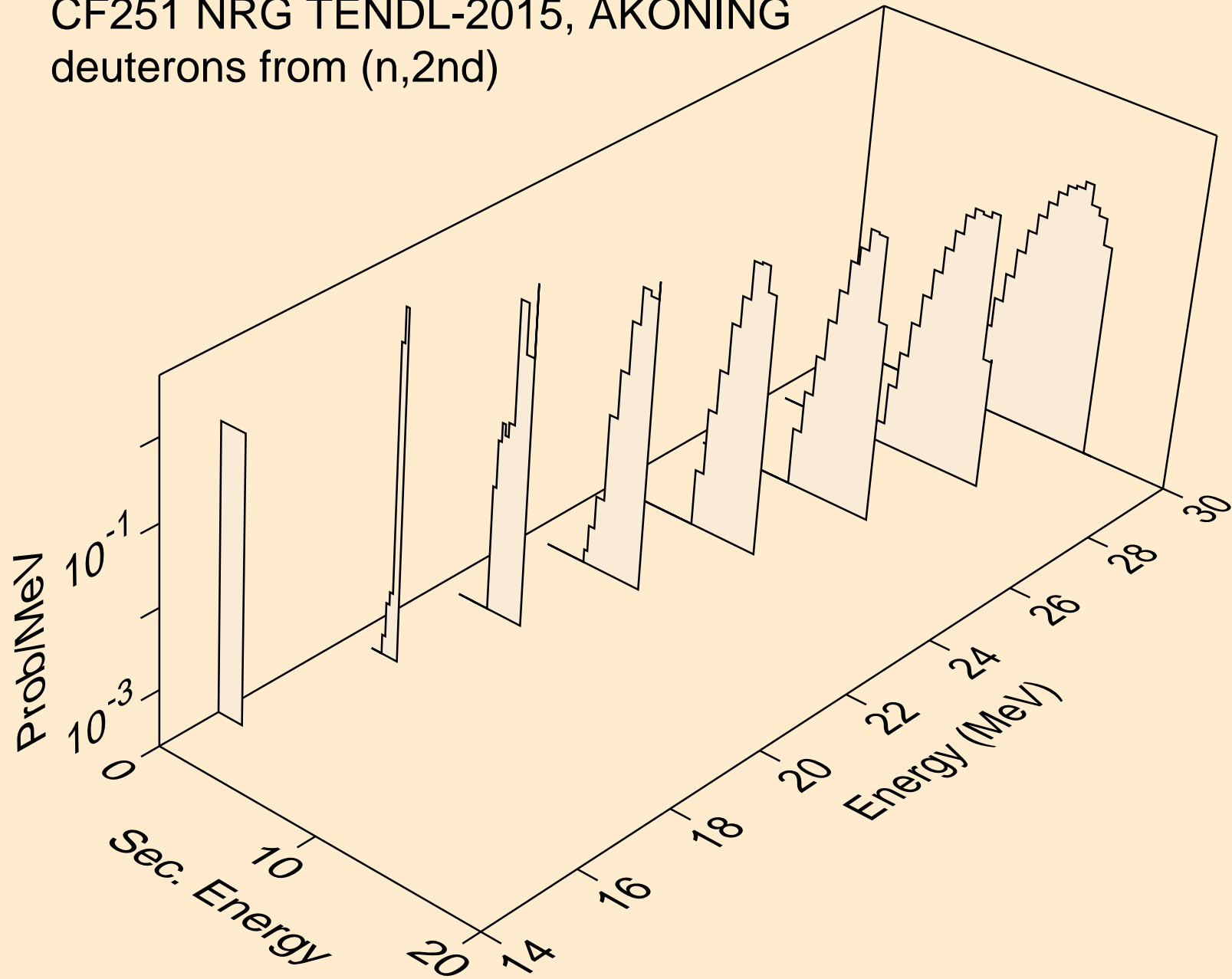


CF251 NRG TENDL-2015, AKONING  
deuterons from (n,x)

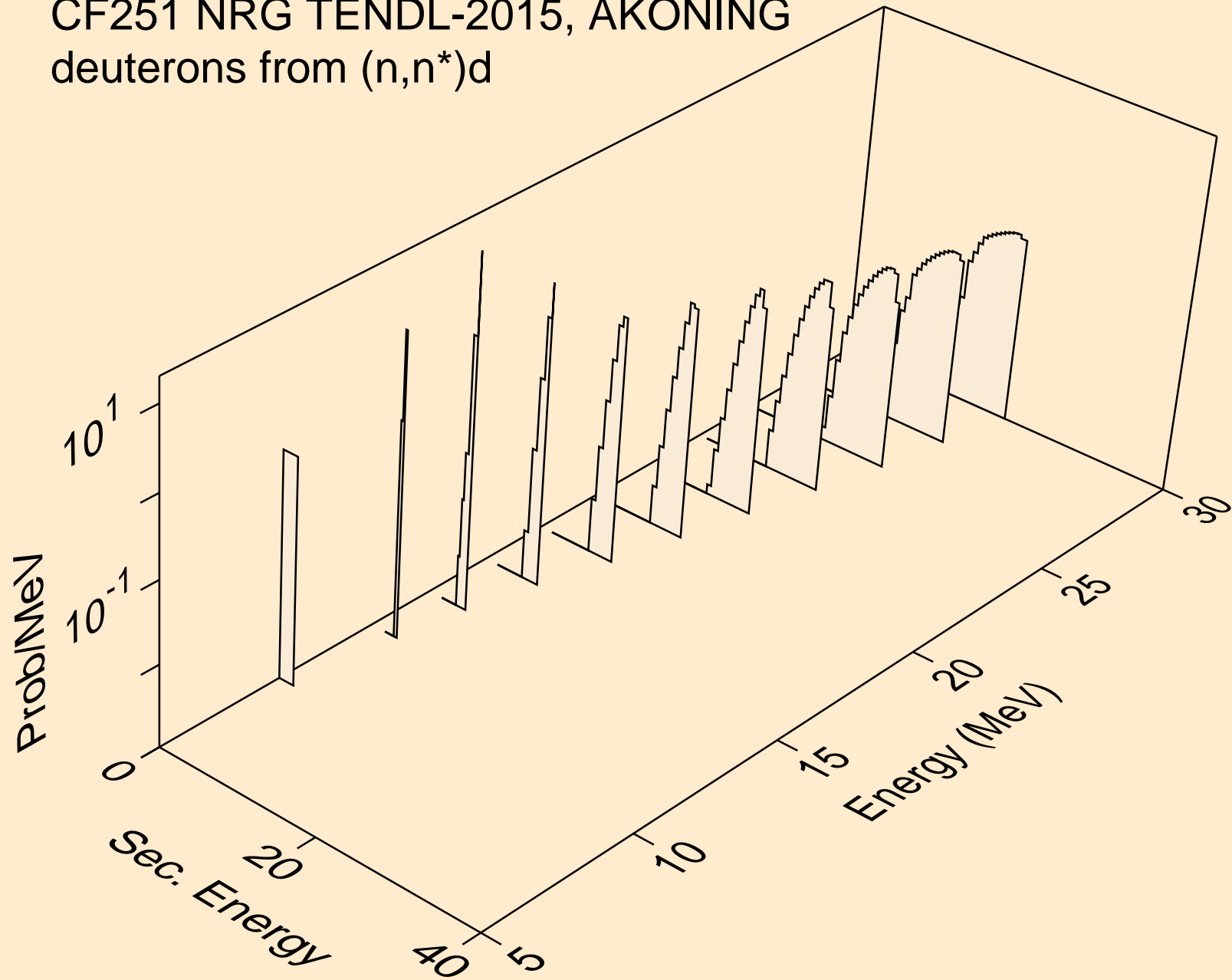




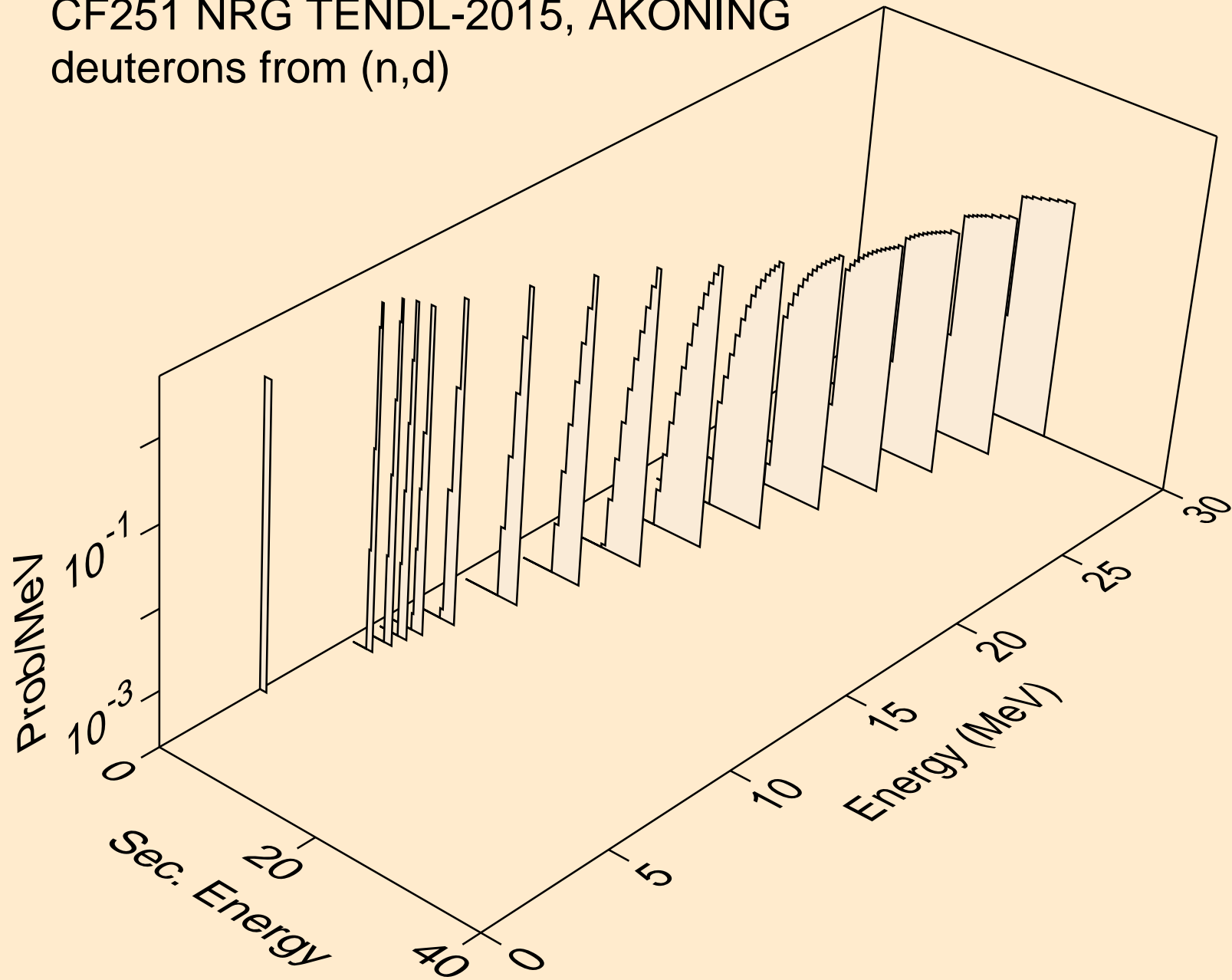
CF251 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



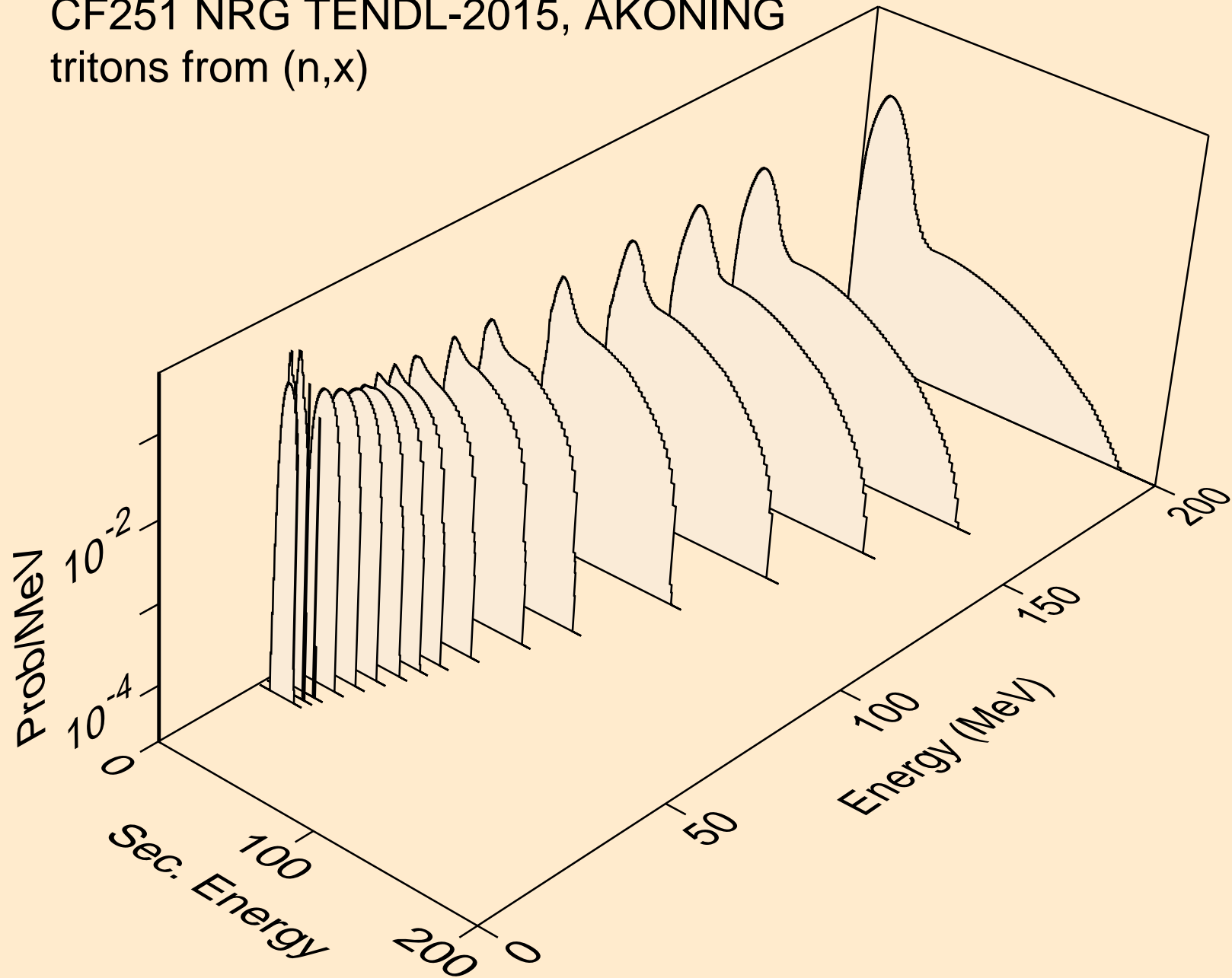
CF251 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



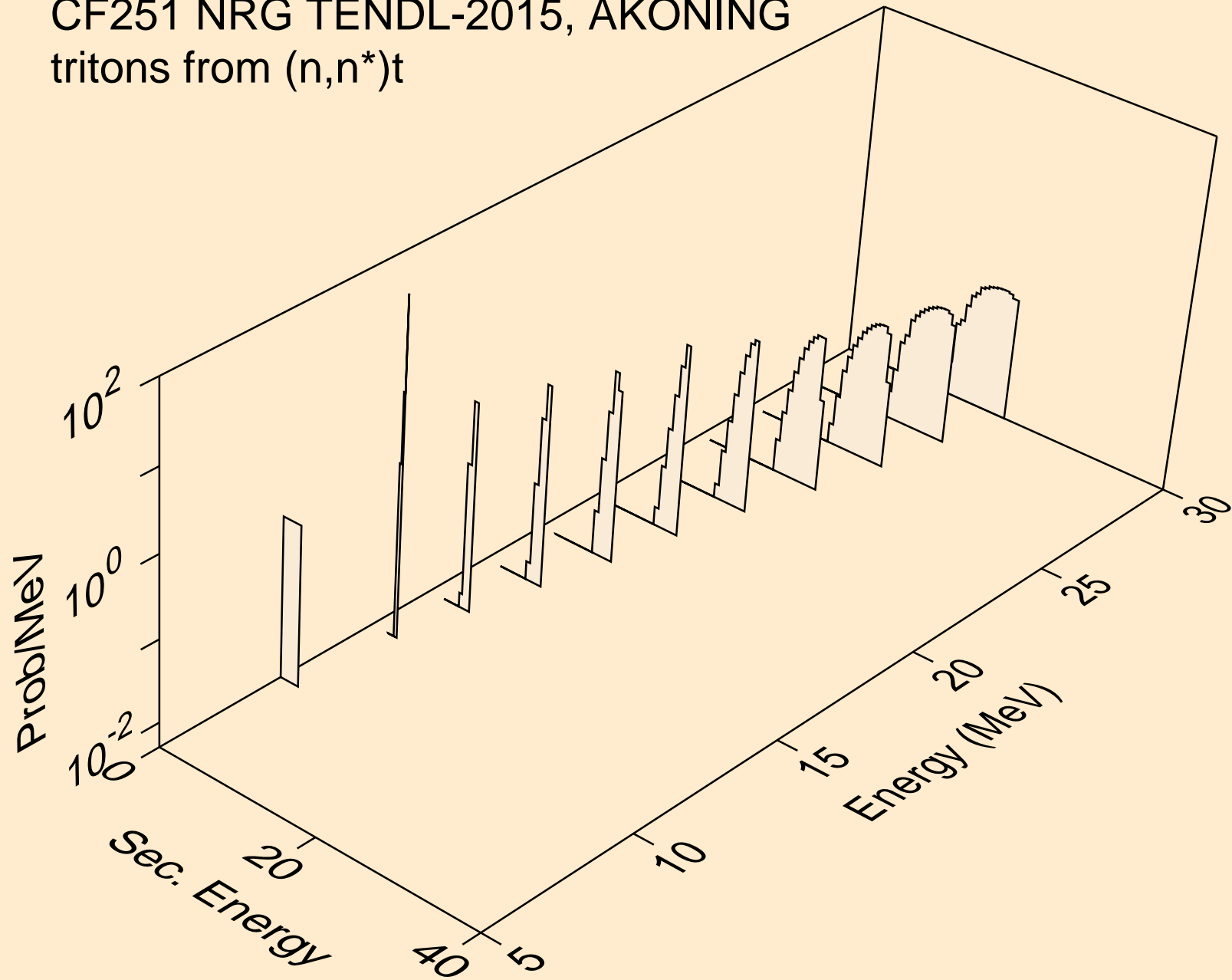
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deuterons from (n,d)



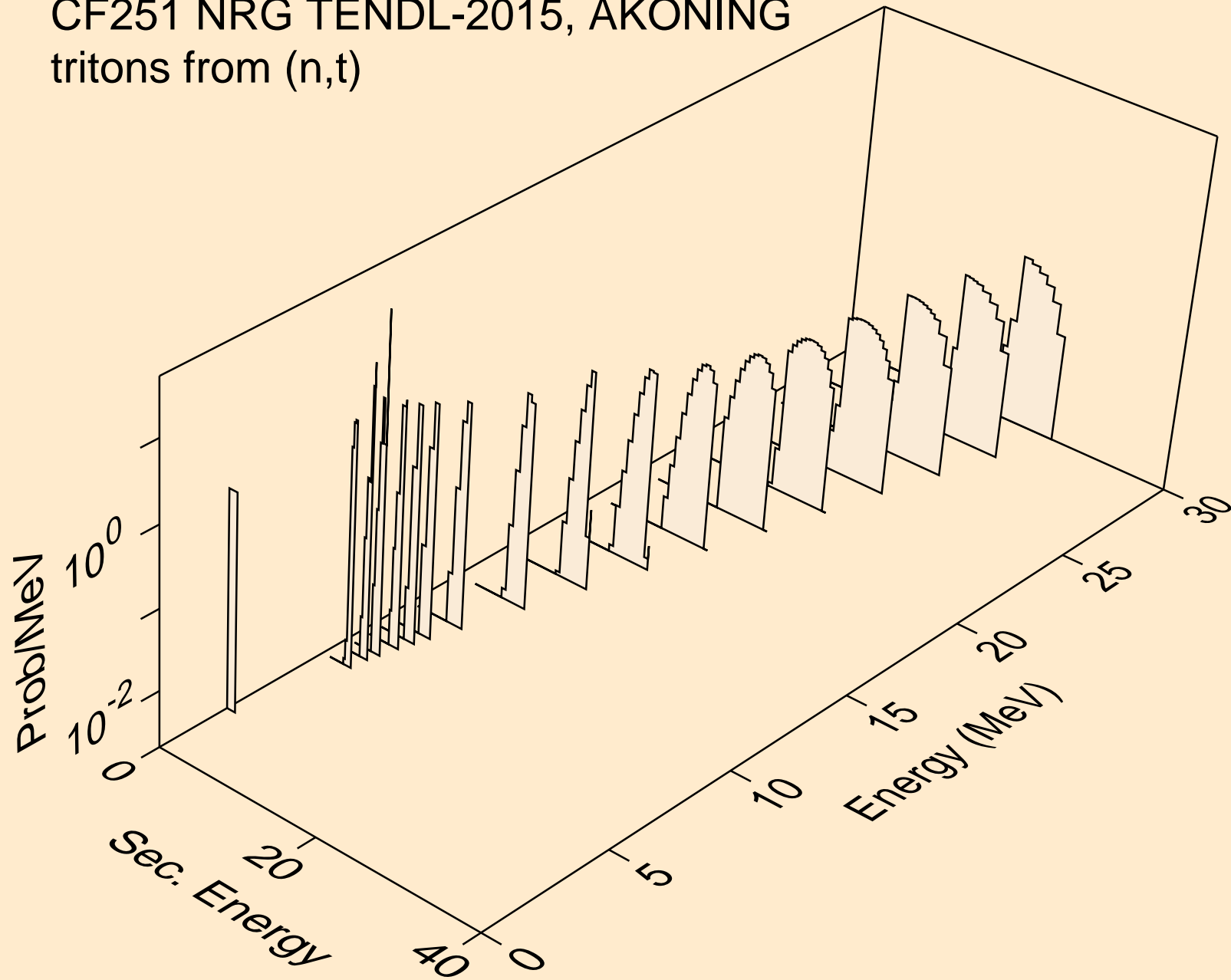
CF251 NRG TENDL-2015, AKONING  
tritons from (n,x)



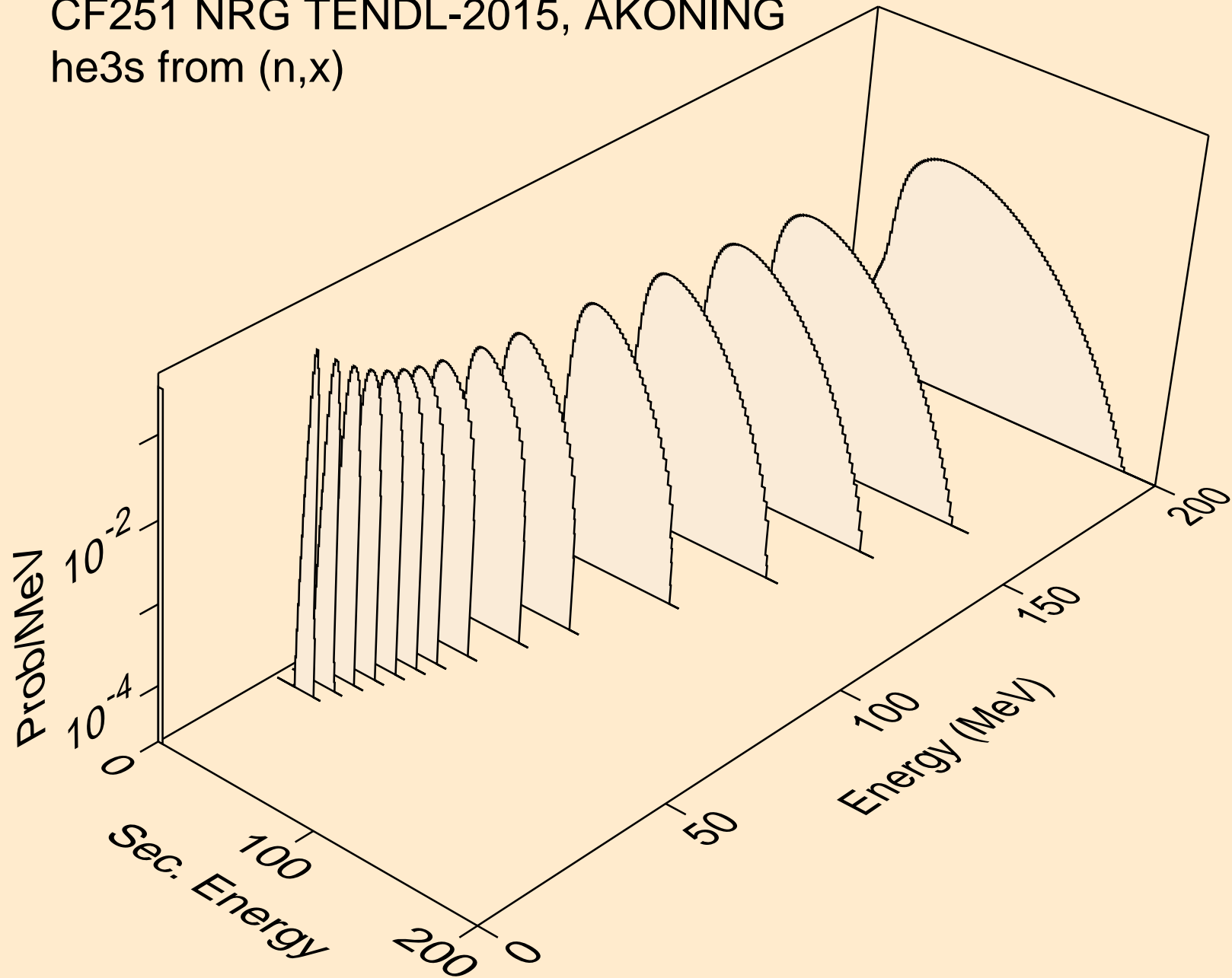
CF251 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



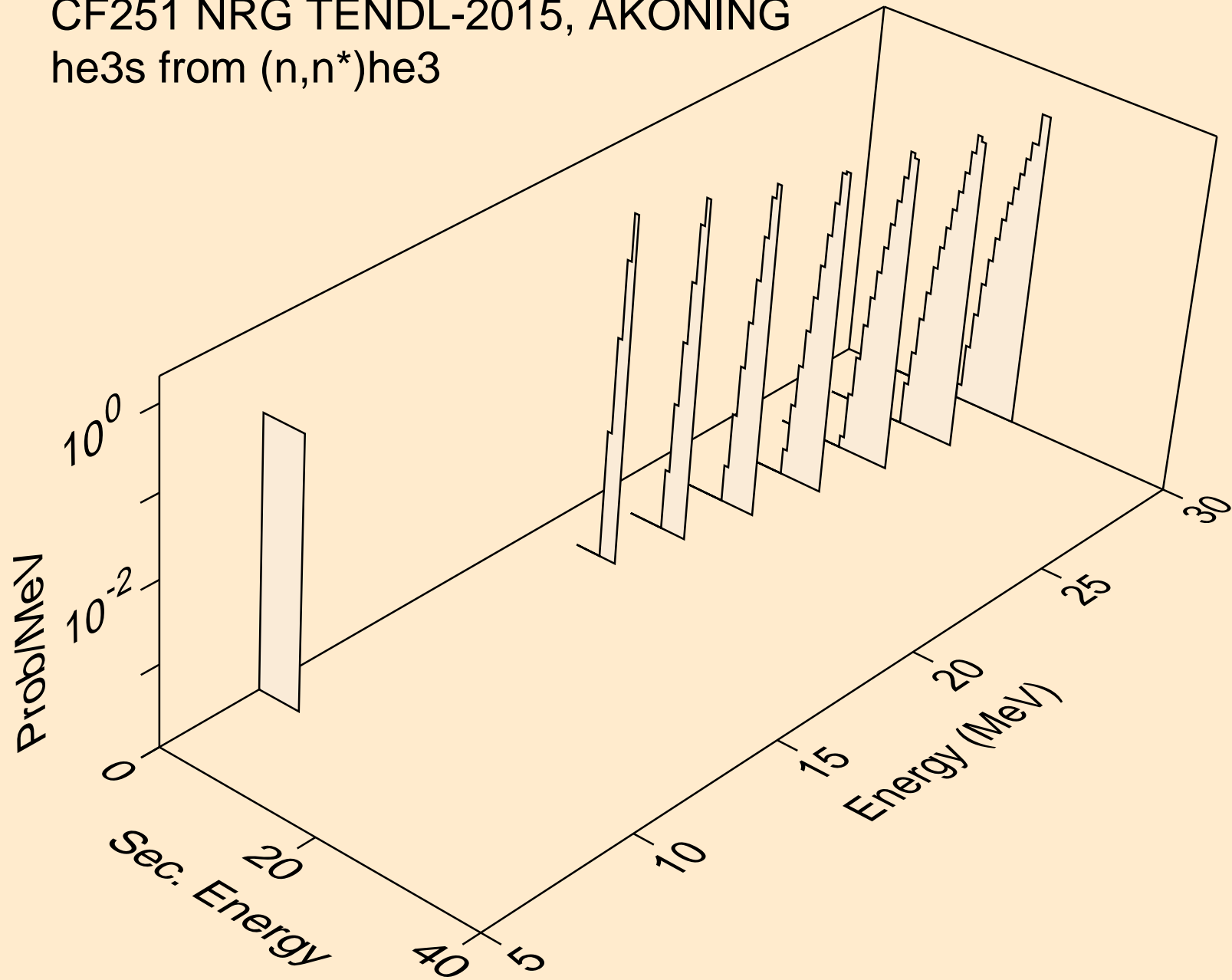
CF251 NRG TENDL-2015, AKONING  
tritons from (n,t)



CF251 NRG TENDL-2015, AKONING  
he3s from (n,x)

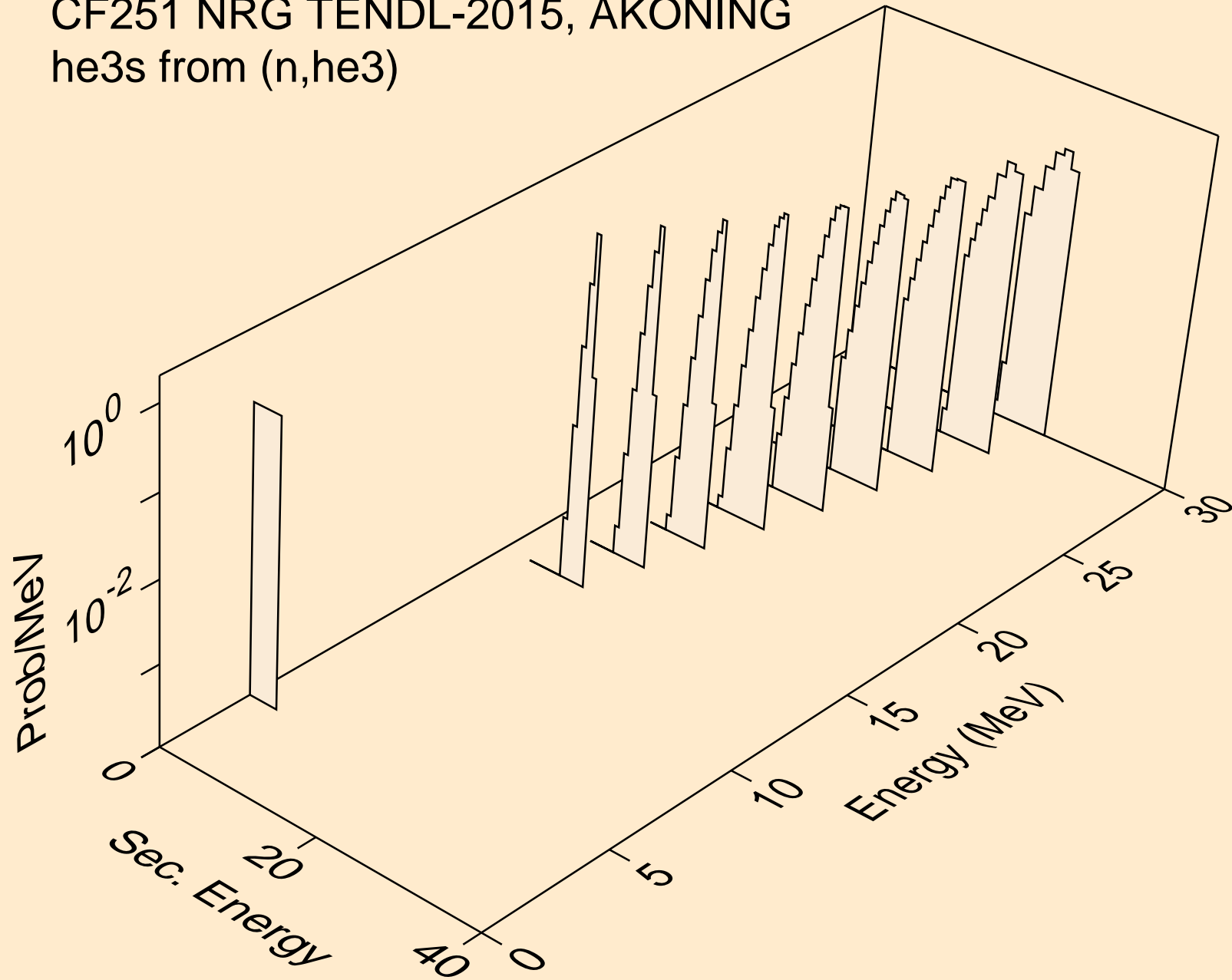


CF251 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3

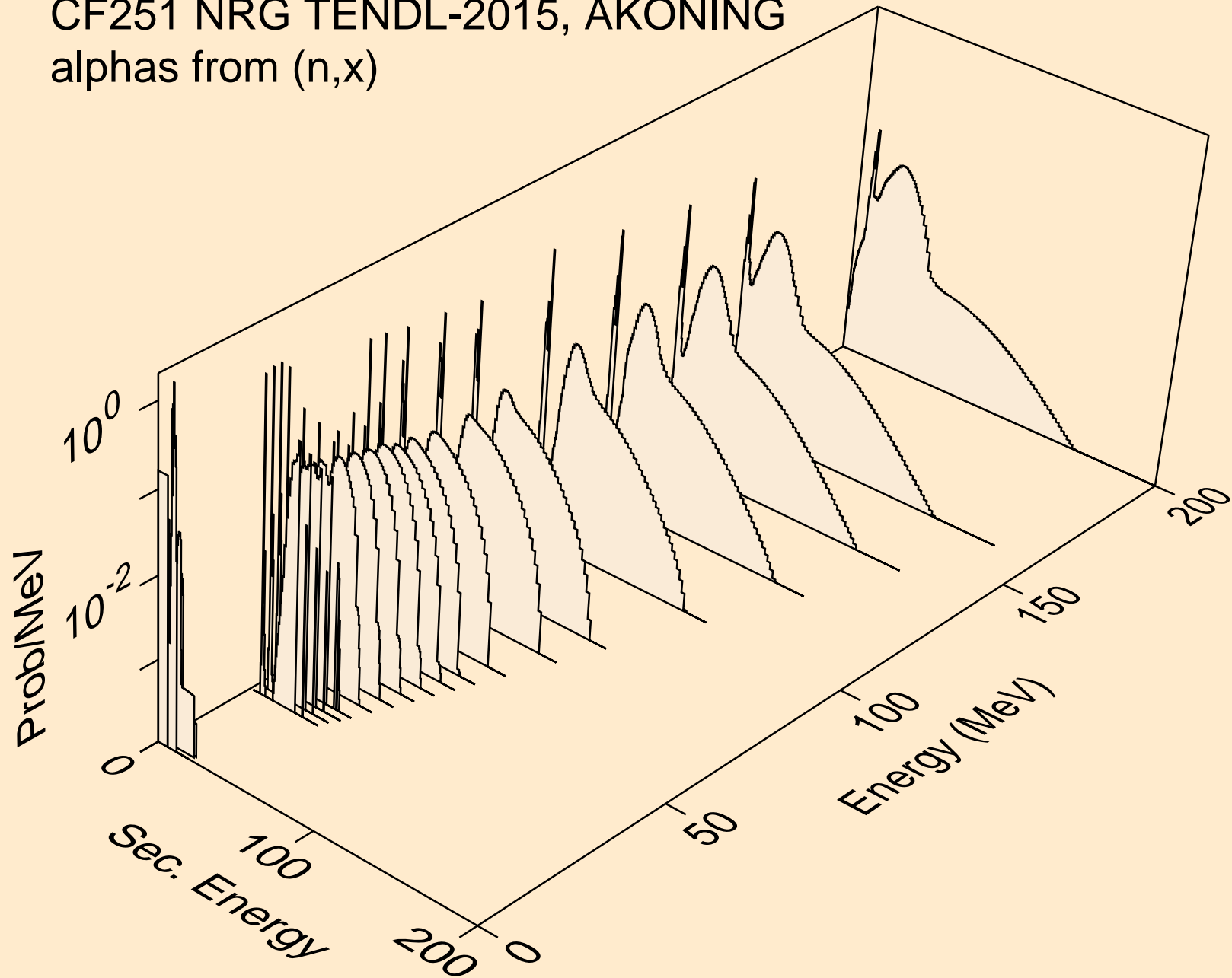




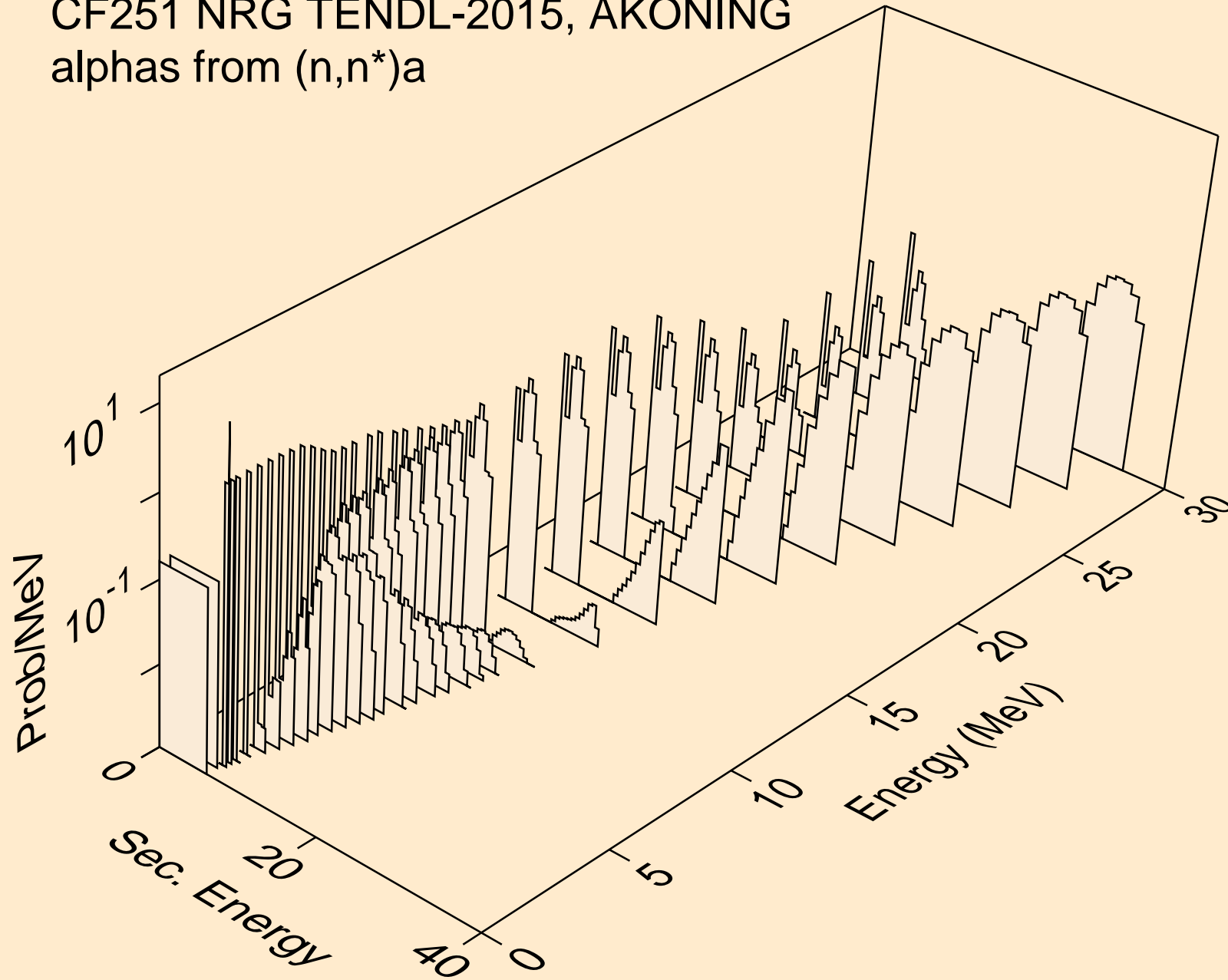
CF251 NRG TENDL-2015, AKONING  
he3s from (n,he3)



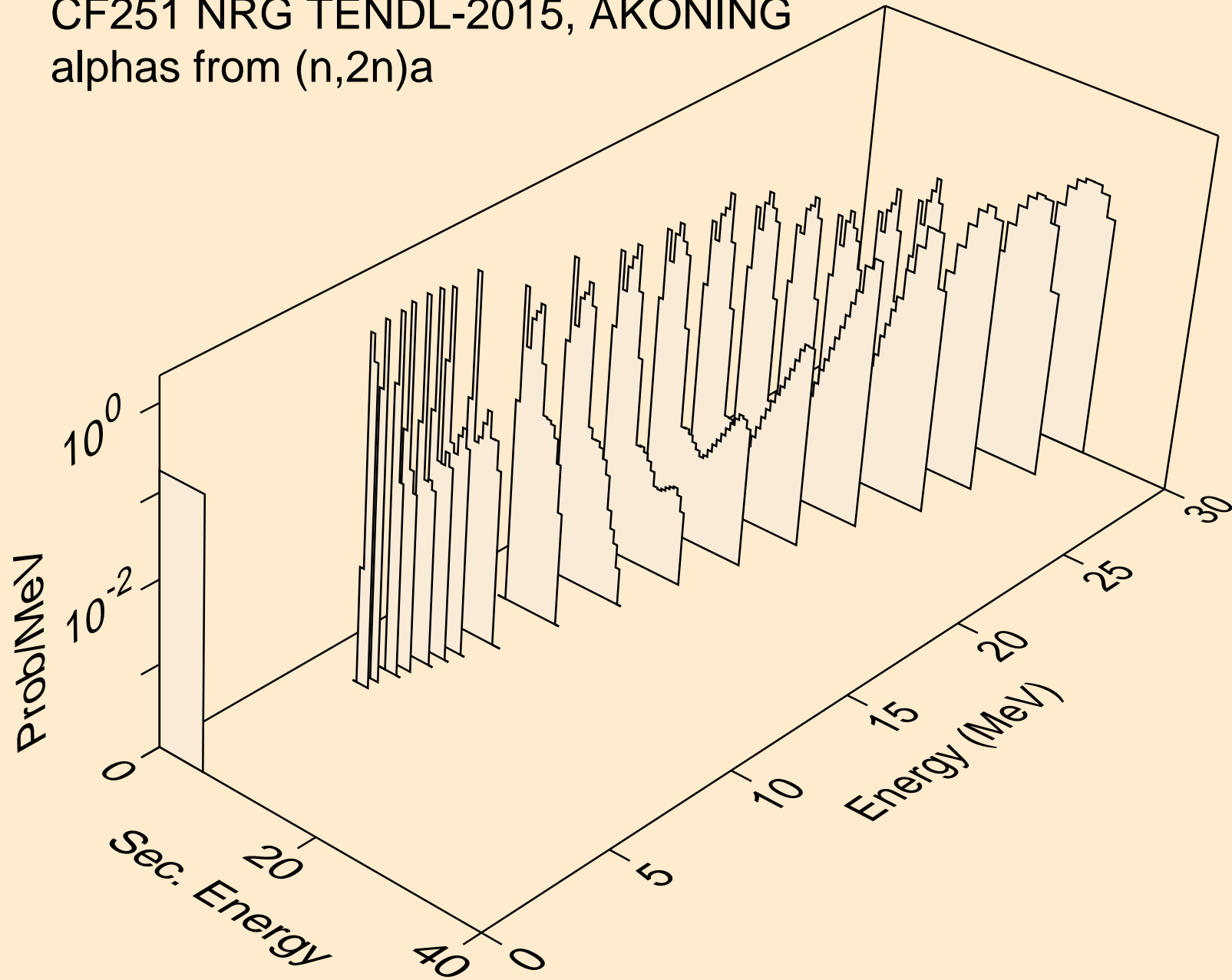
CF251 NRG TENDL-2015, AKONING  
alphas from (n,x)



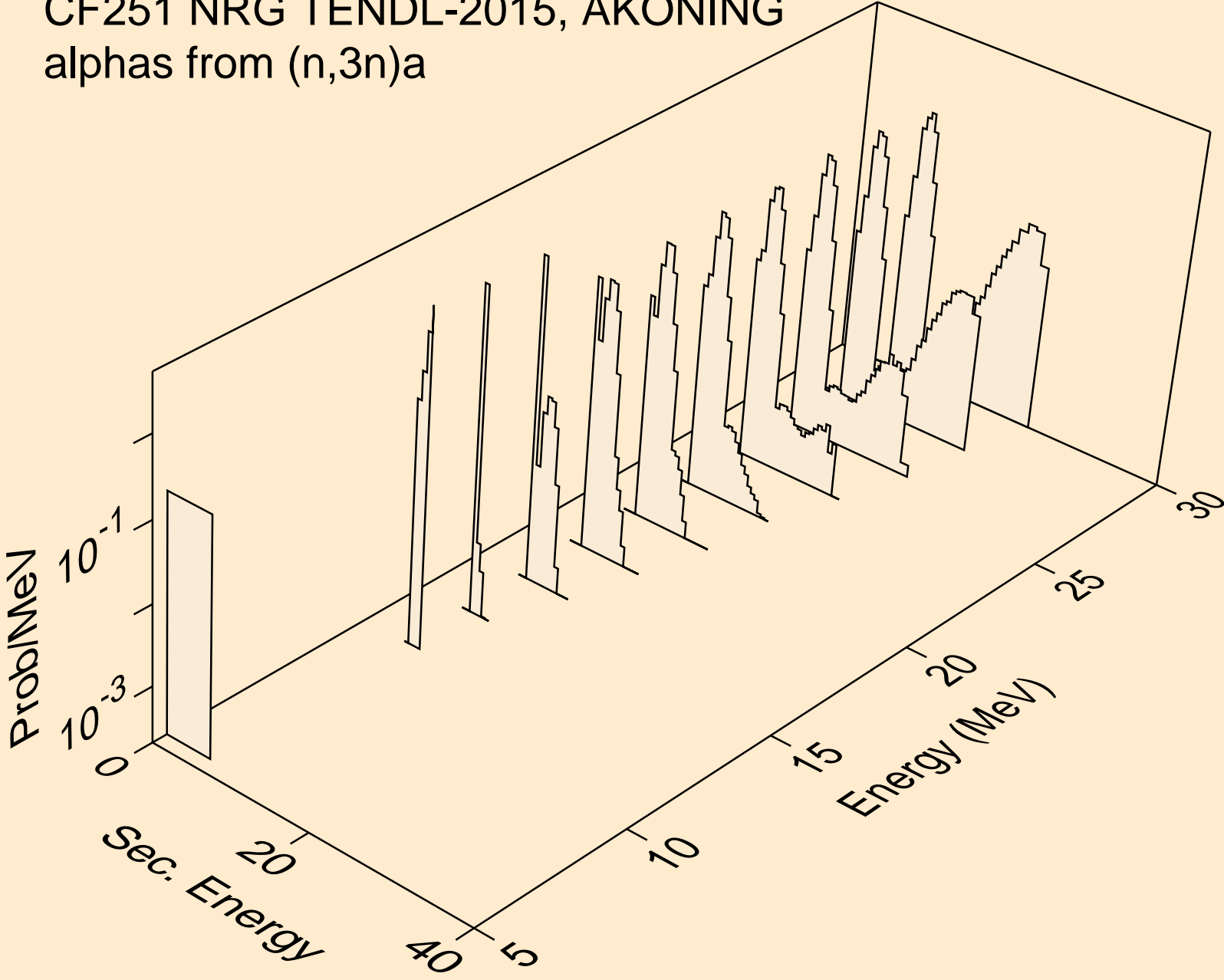
CF251 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



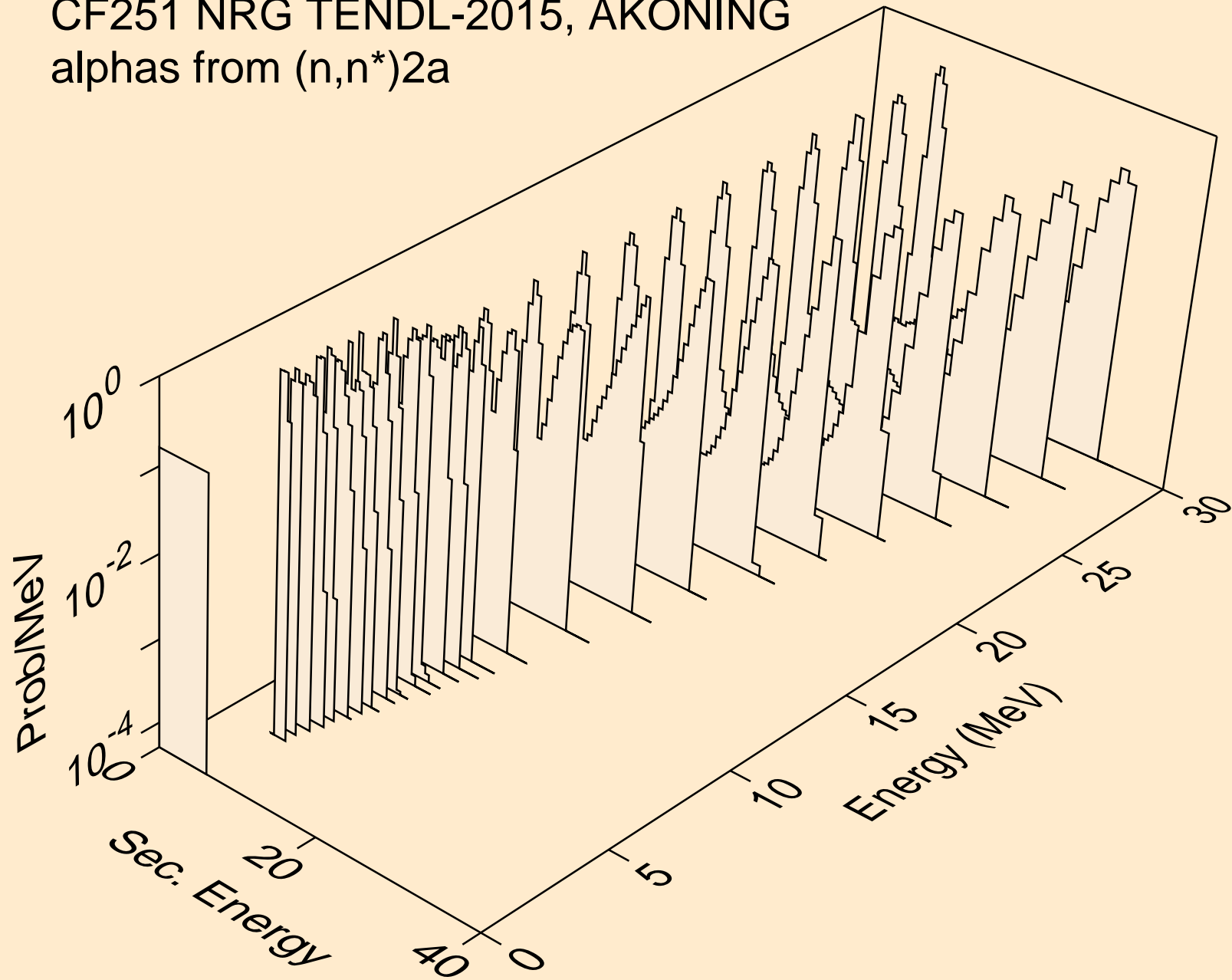
CF251 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



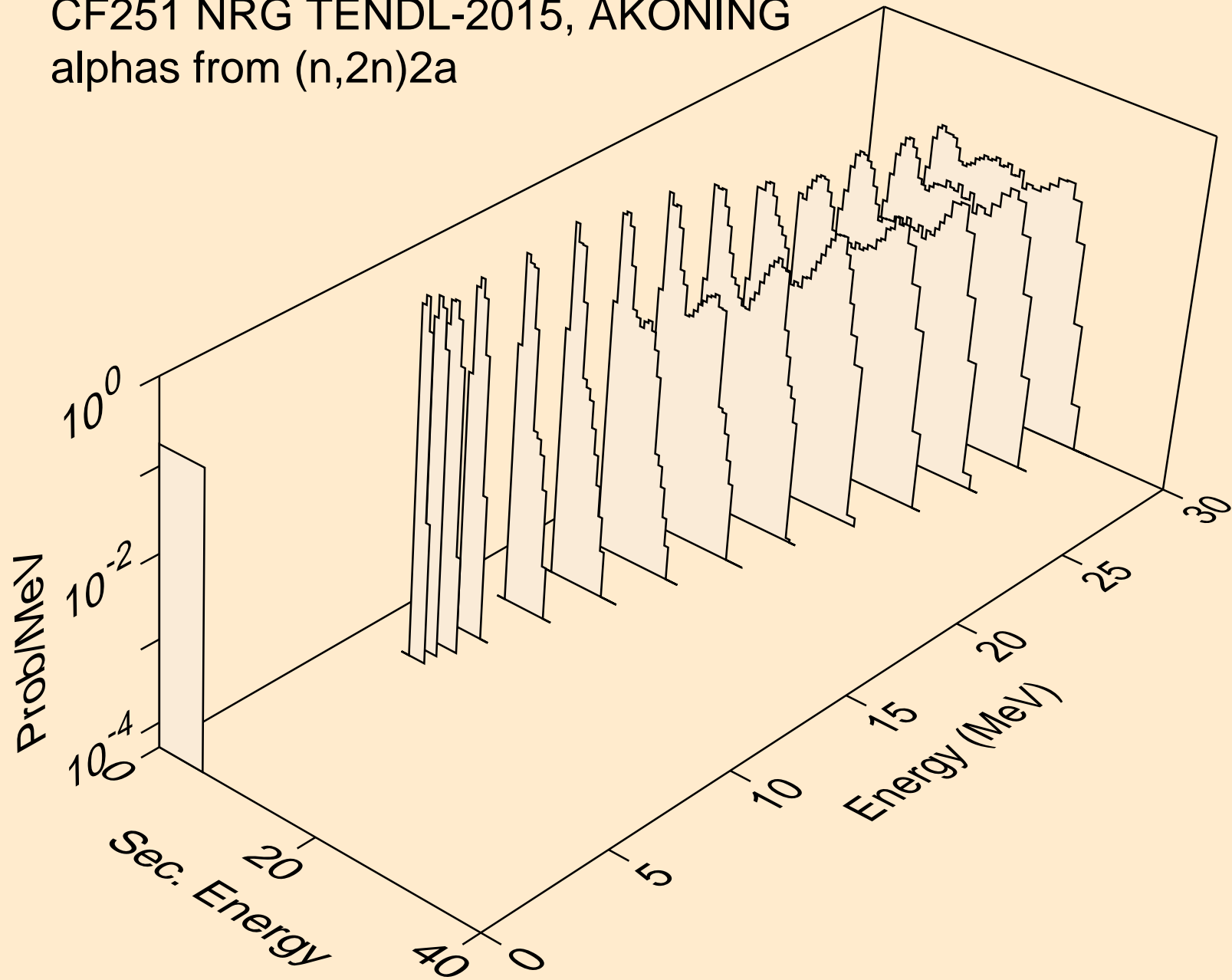
CF251 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



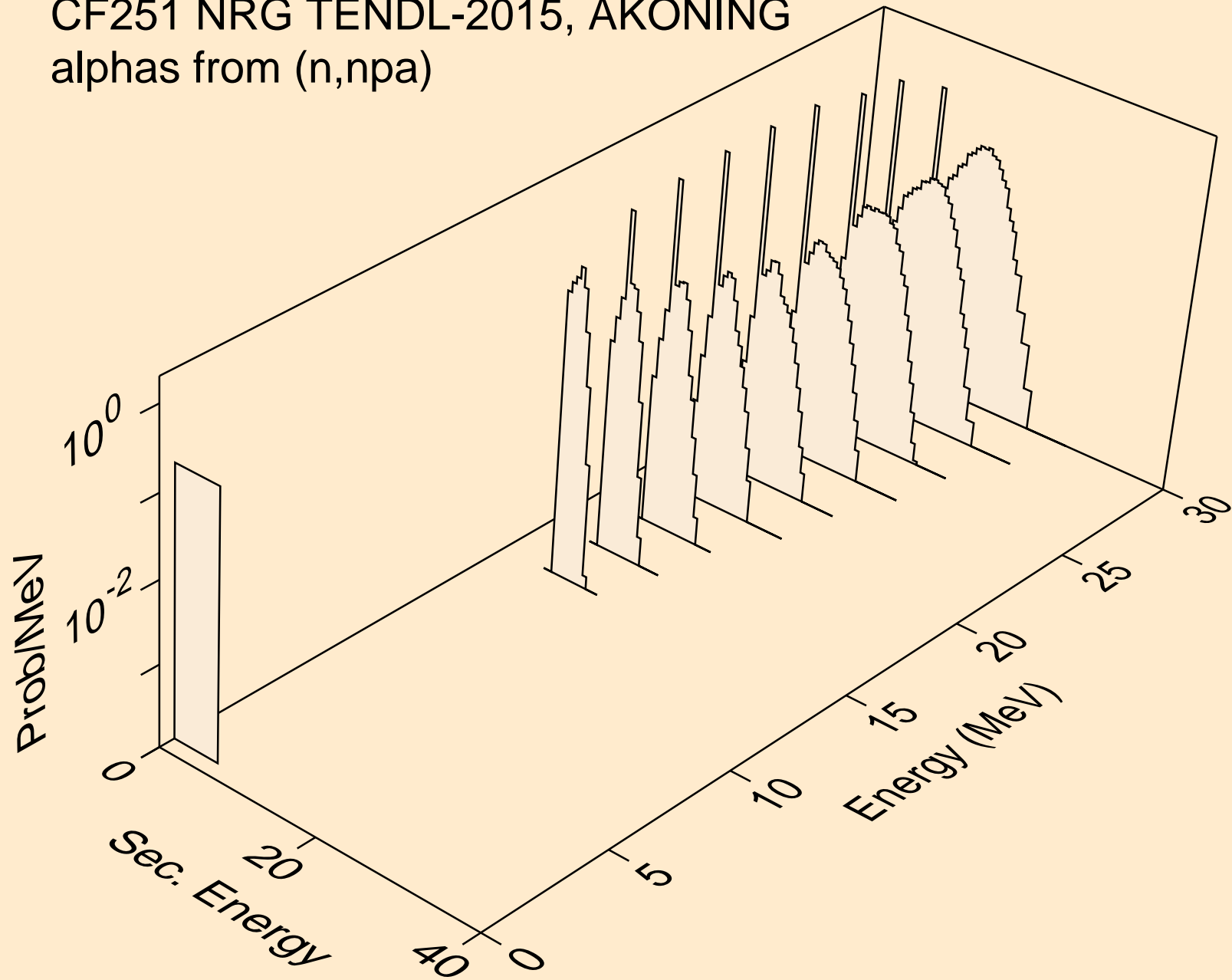
CF251 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



CF251 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a

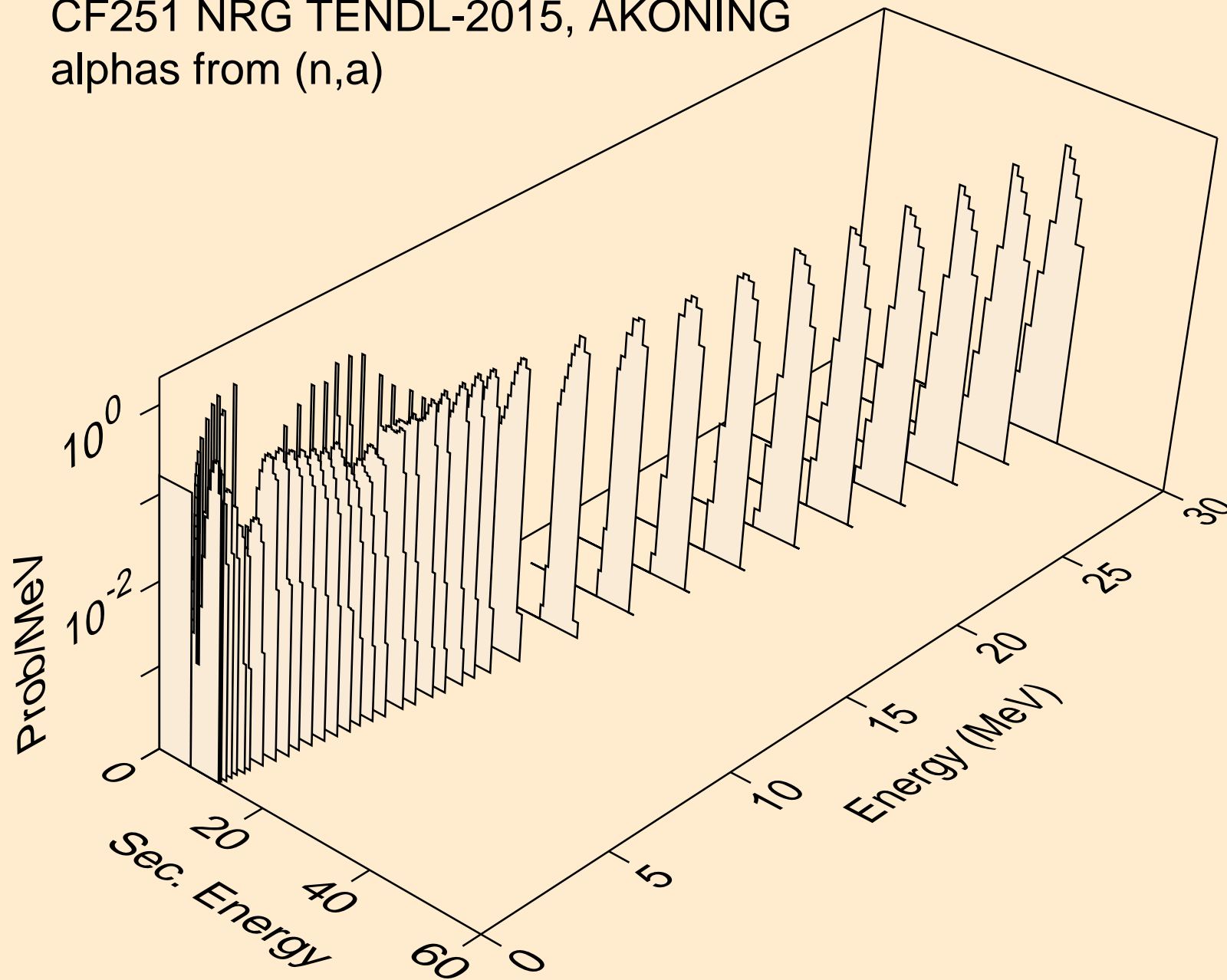


CF251 NRG TENDL-2015, AKONING  
alphas from (n,npa)





CF251 NRG TENDL-2015, AKONING  
alphas from (n,a)



CF251 NRG TENDL-2015, AKONING  
alphas from (n,pa)

