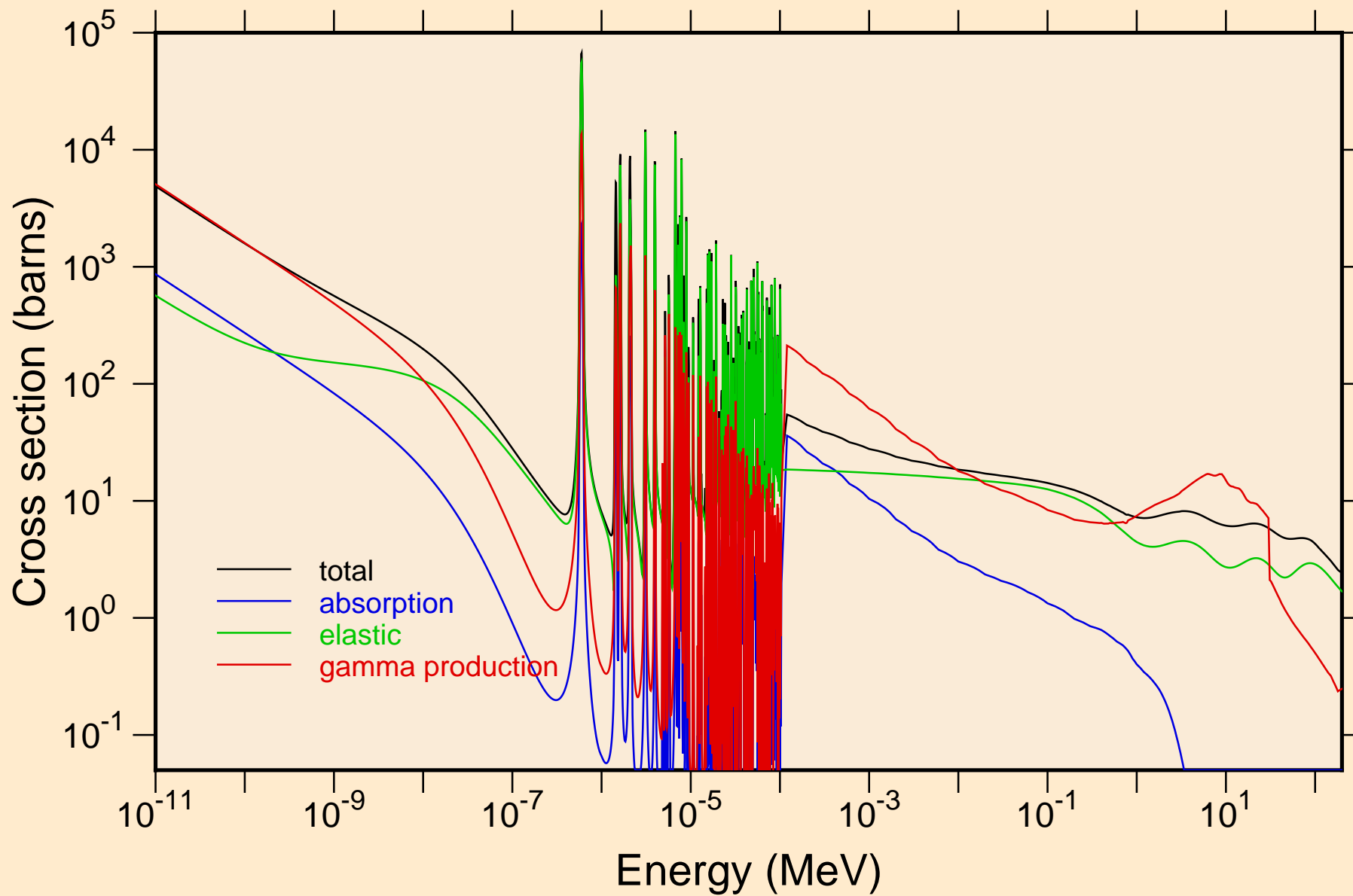
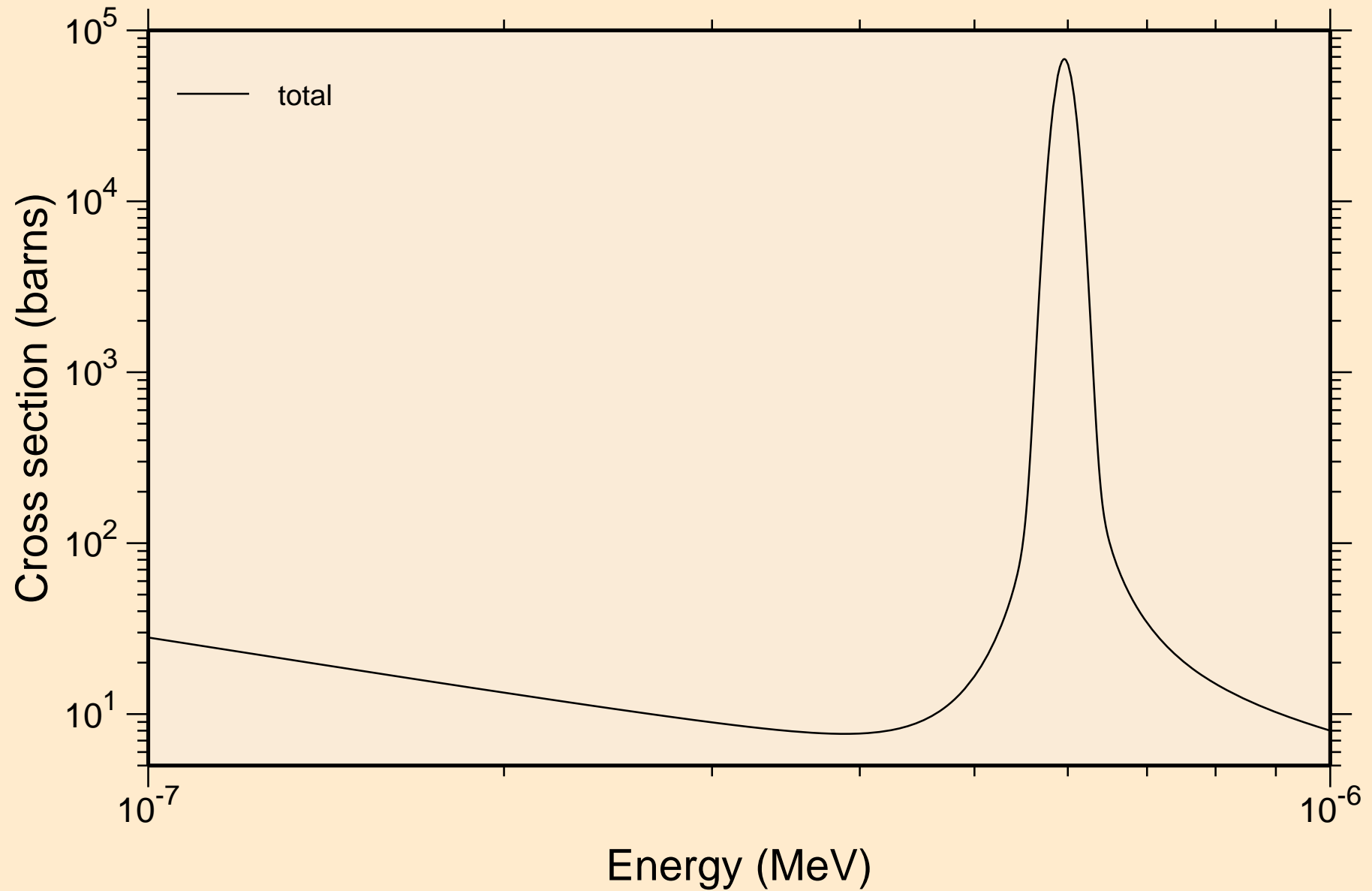


# CF247 NRG TENDL-2015, AKONING

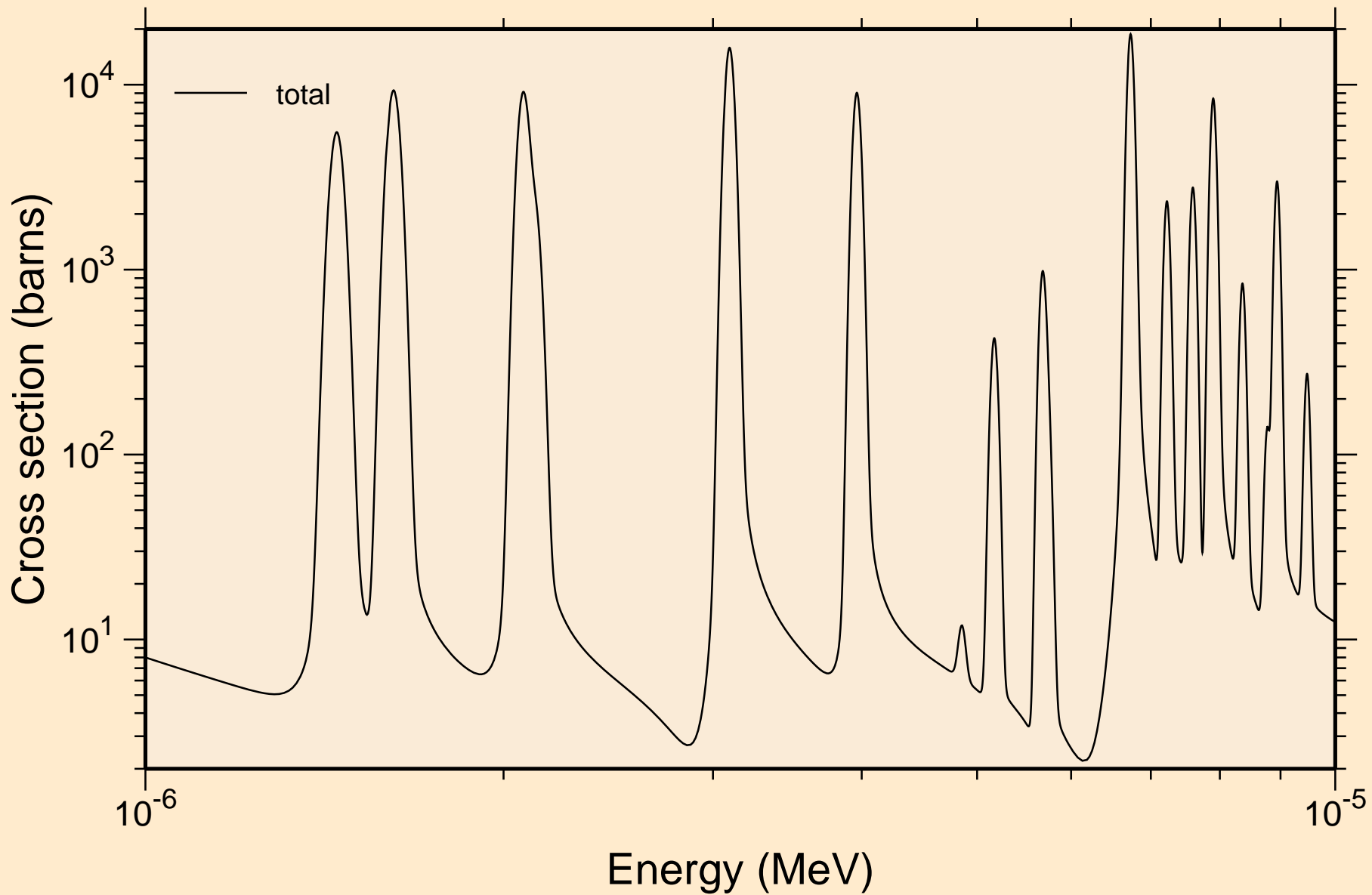
## Principal cross sections



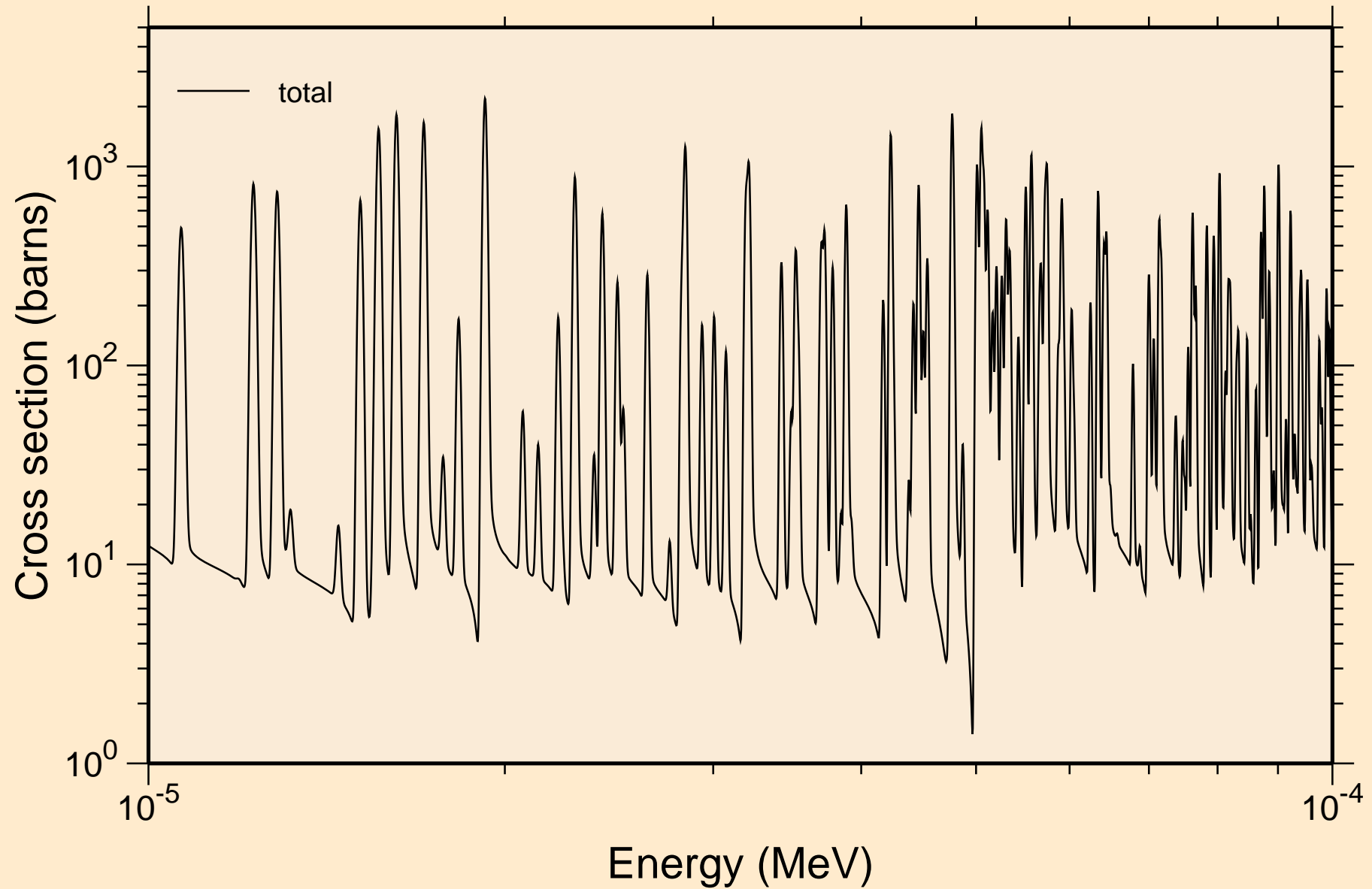
CF247 NRG TENDL-2015, AKONING  
resonance total cross section



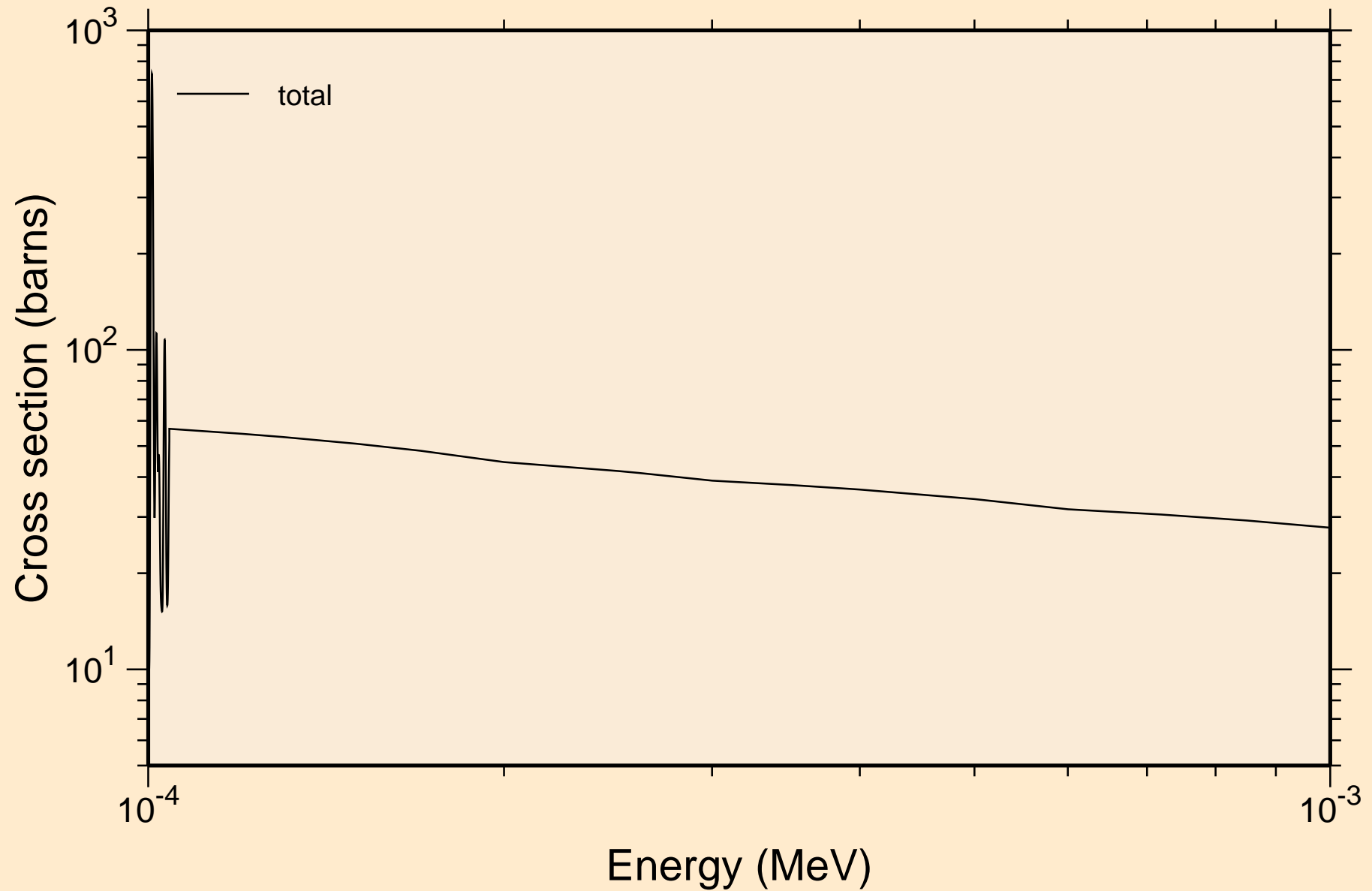
CF247 NRG TENDL-2015, AKONING  
resonance total cross section



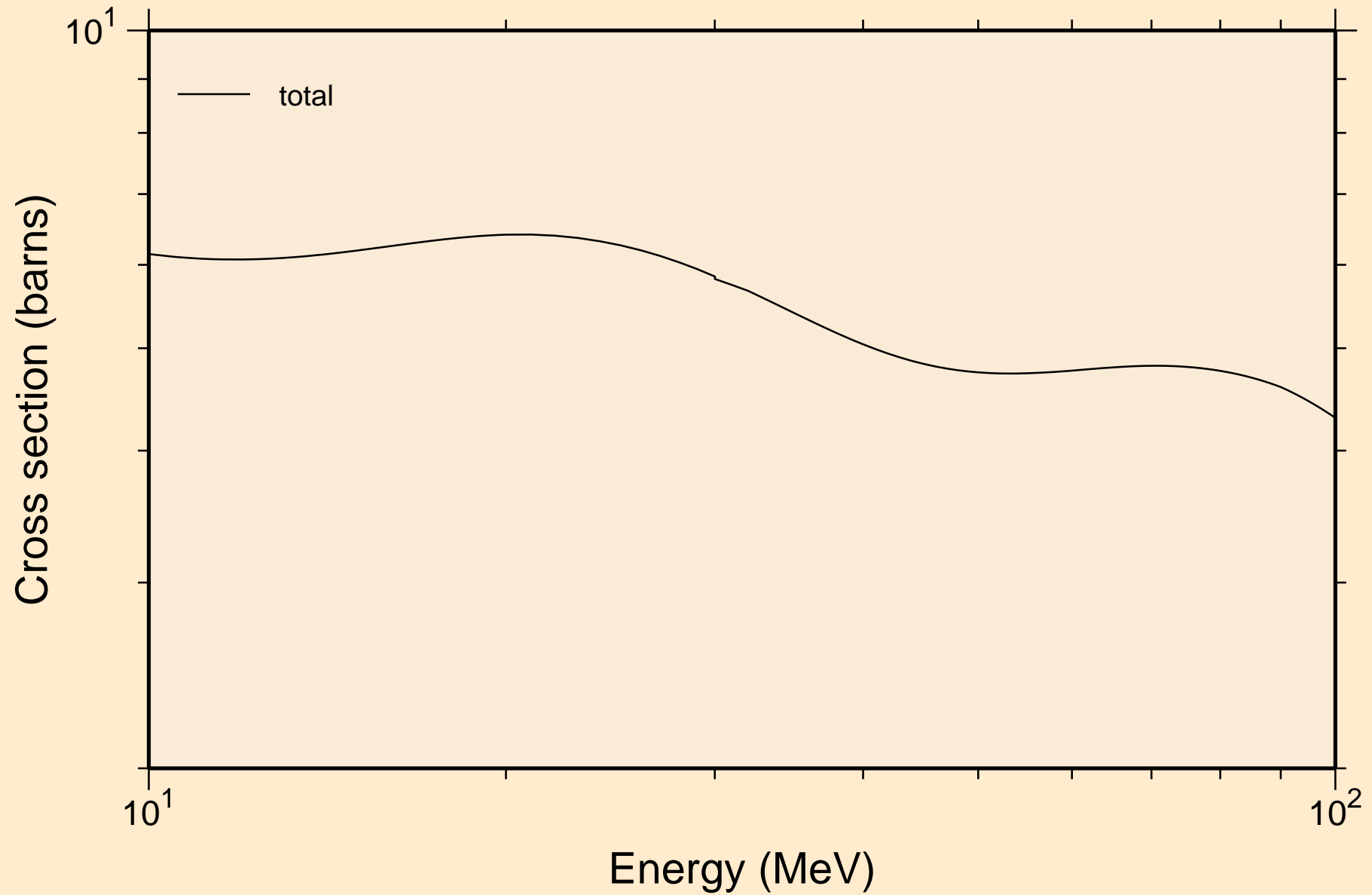
CF247 NRG TENDL-2015, AKONING  
resonance total cross section



CF247 NRG TENDL-2015, AKONING  
resonance total cross section

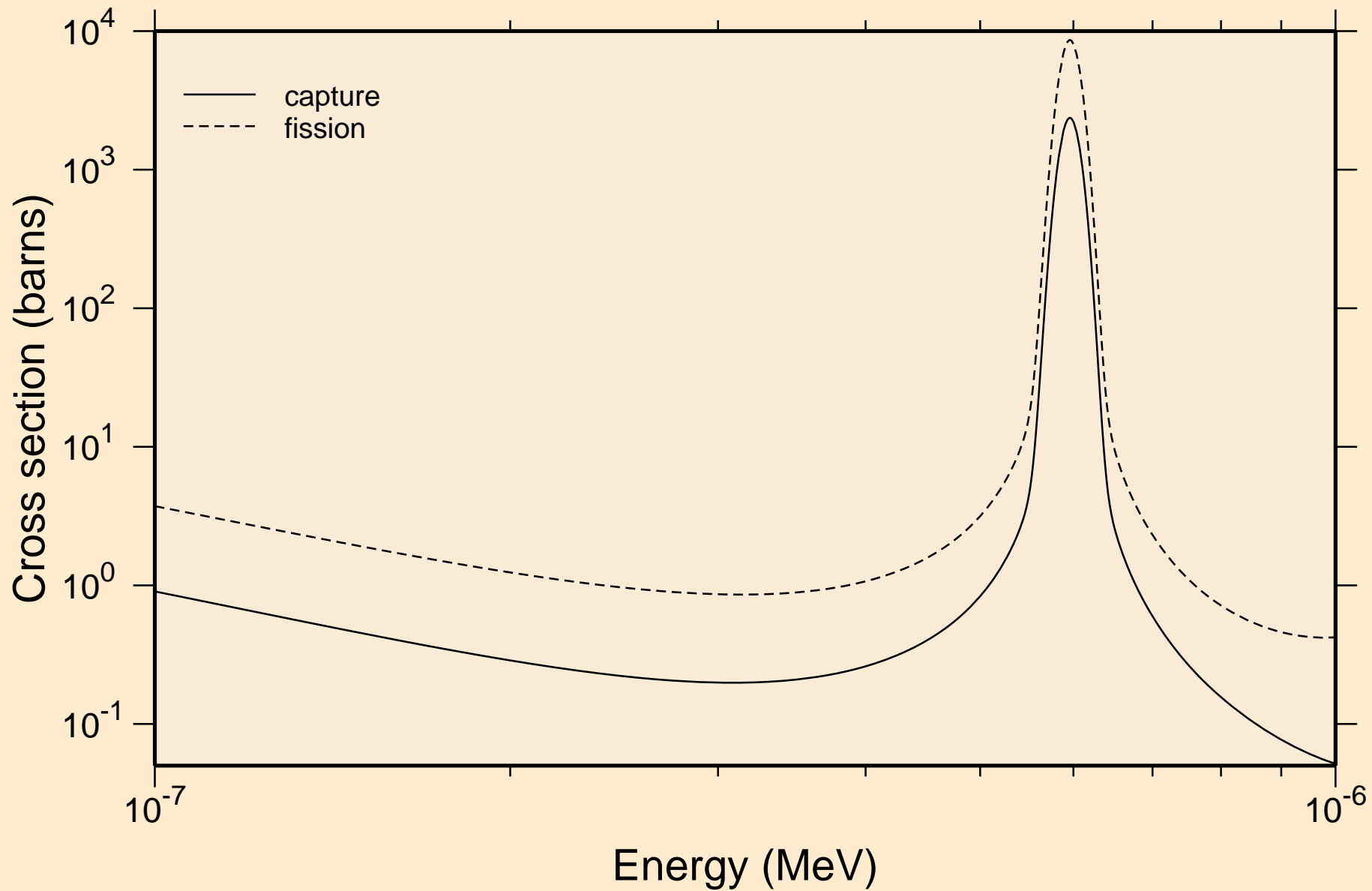


CF247 NRG TENDL-2015, AKONING  
resonance total cross section



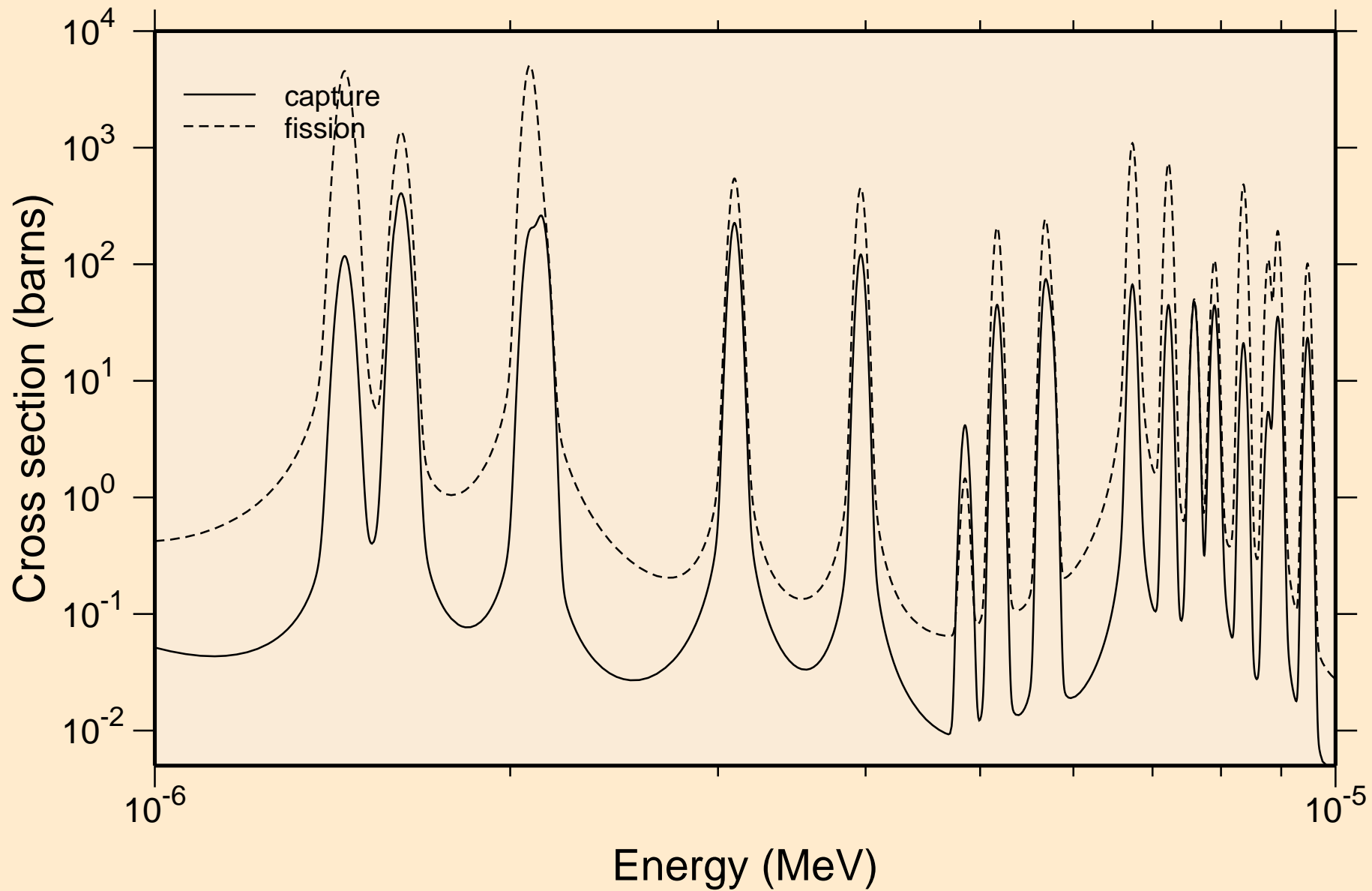
# CF247 NRG TENDL-2015, AKONING

## resonance absorption cross sections



# CF247 NRG TENDL-2015, AKONING

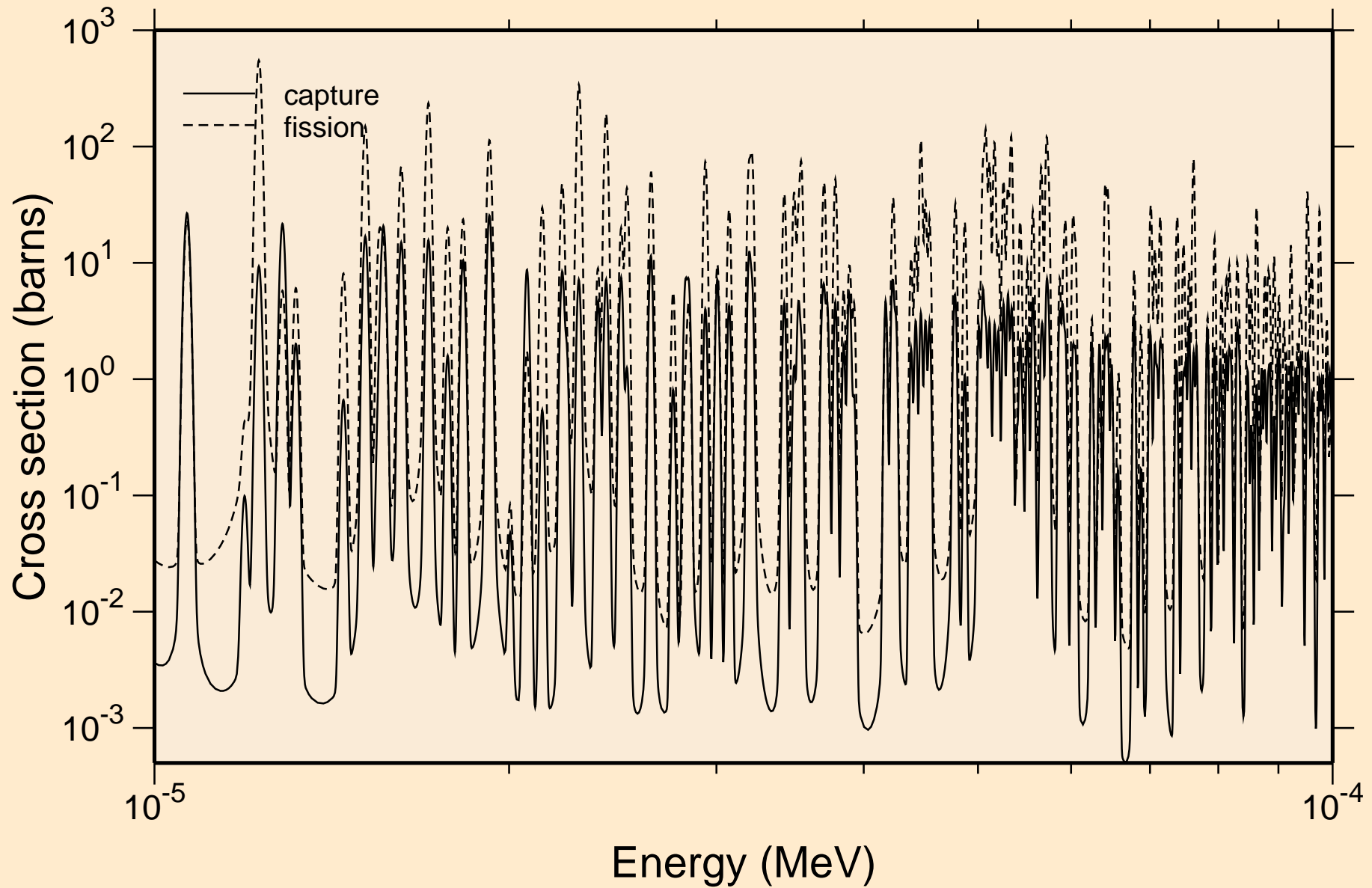
## resonance absorption cross sections





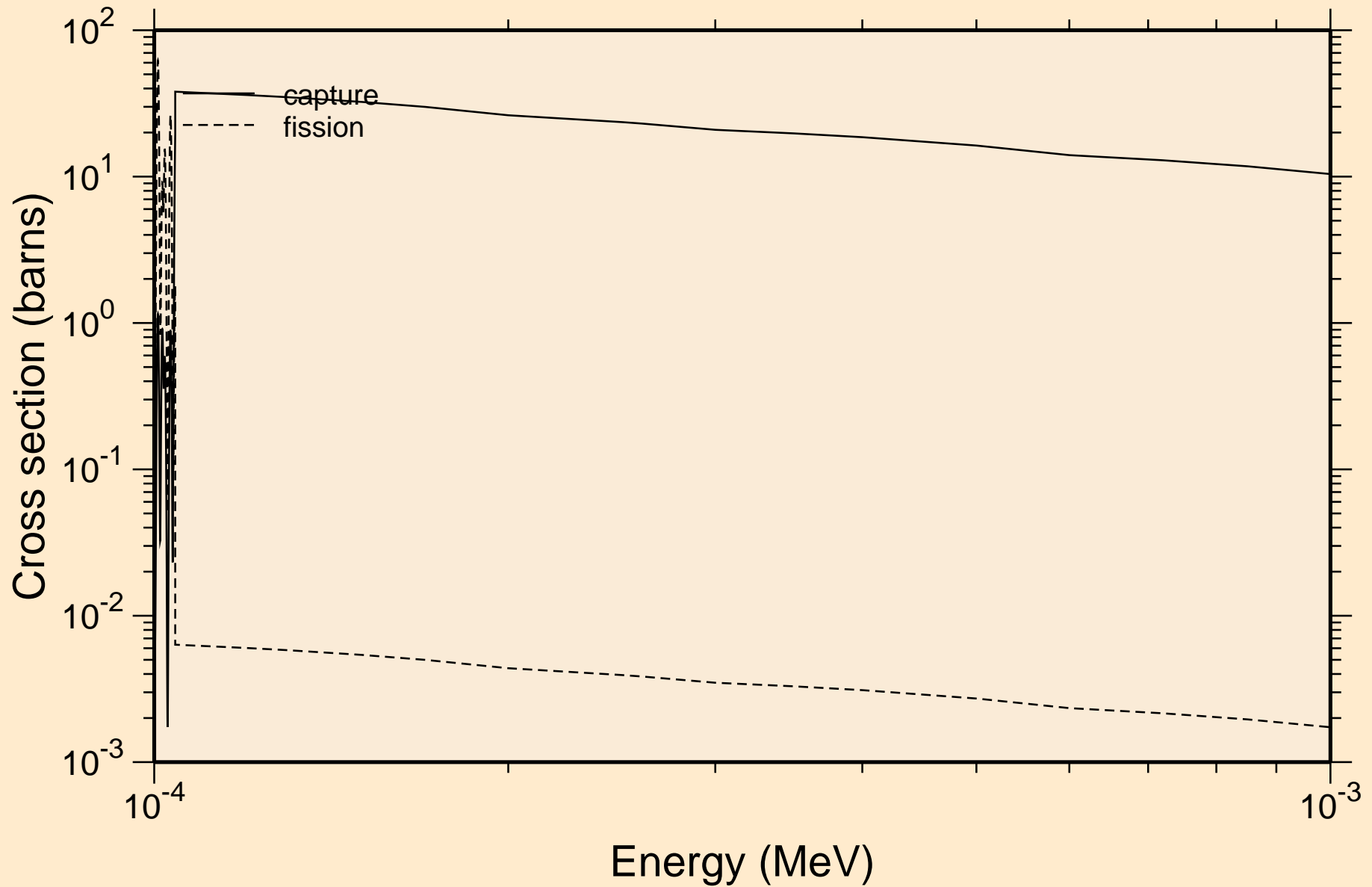
# CF247 NRG TENDL-2015, AKONING

## resonance absorption cross sections



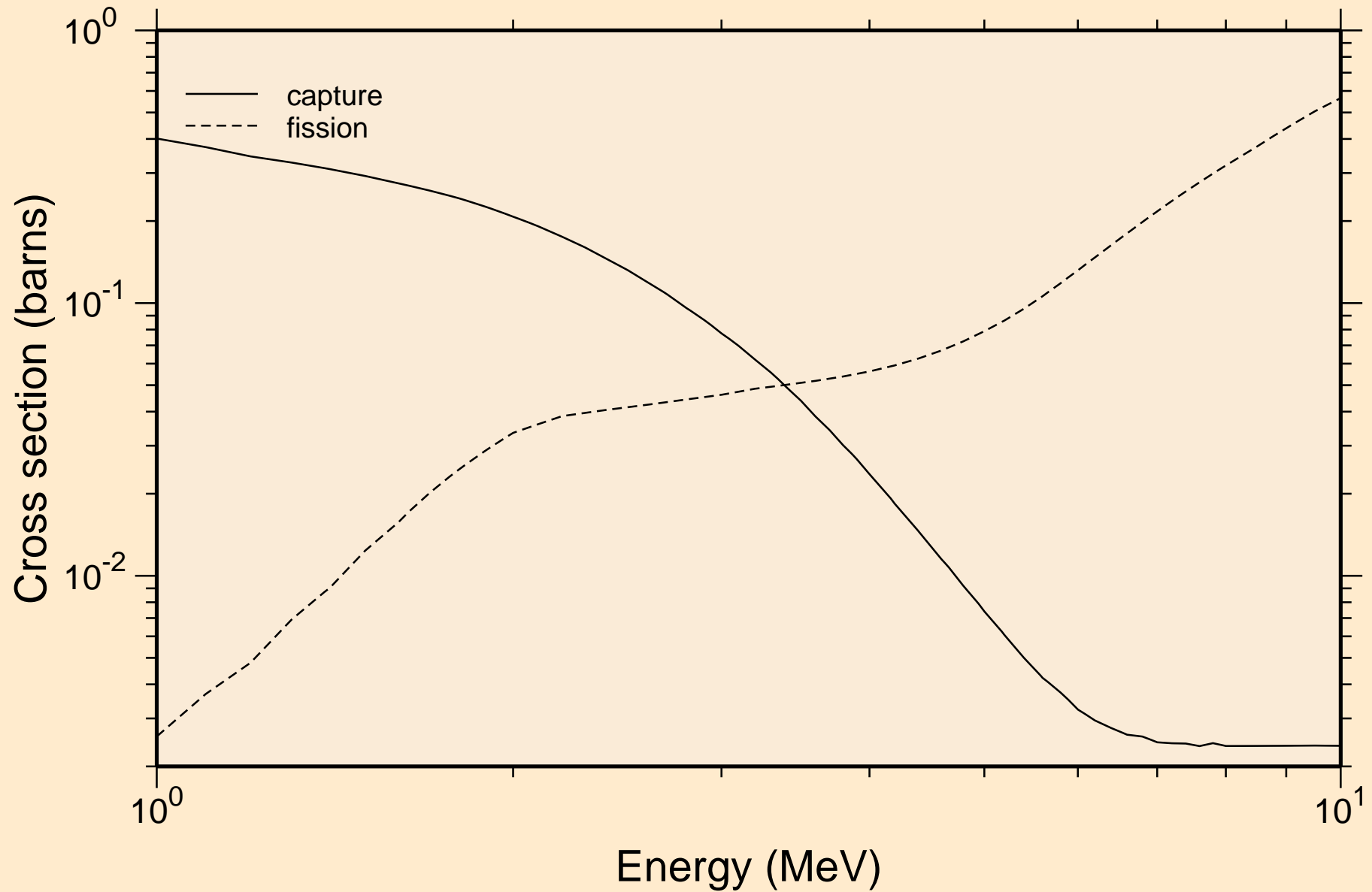
# CF247 NRG TENDL-2015, AKONING

## resonance absorption cross sections



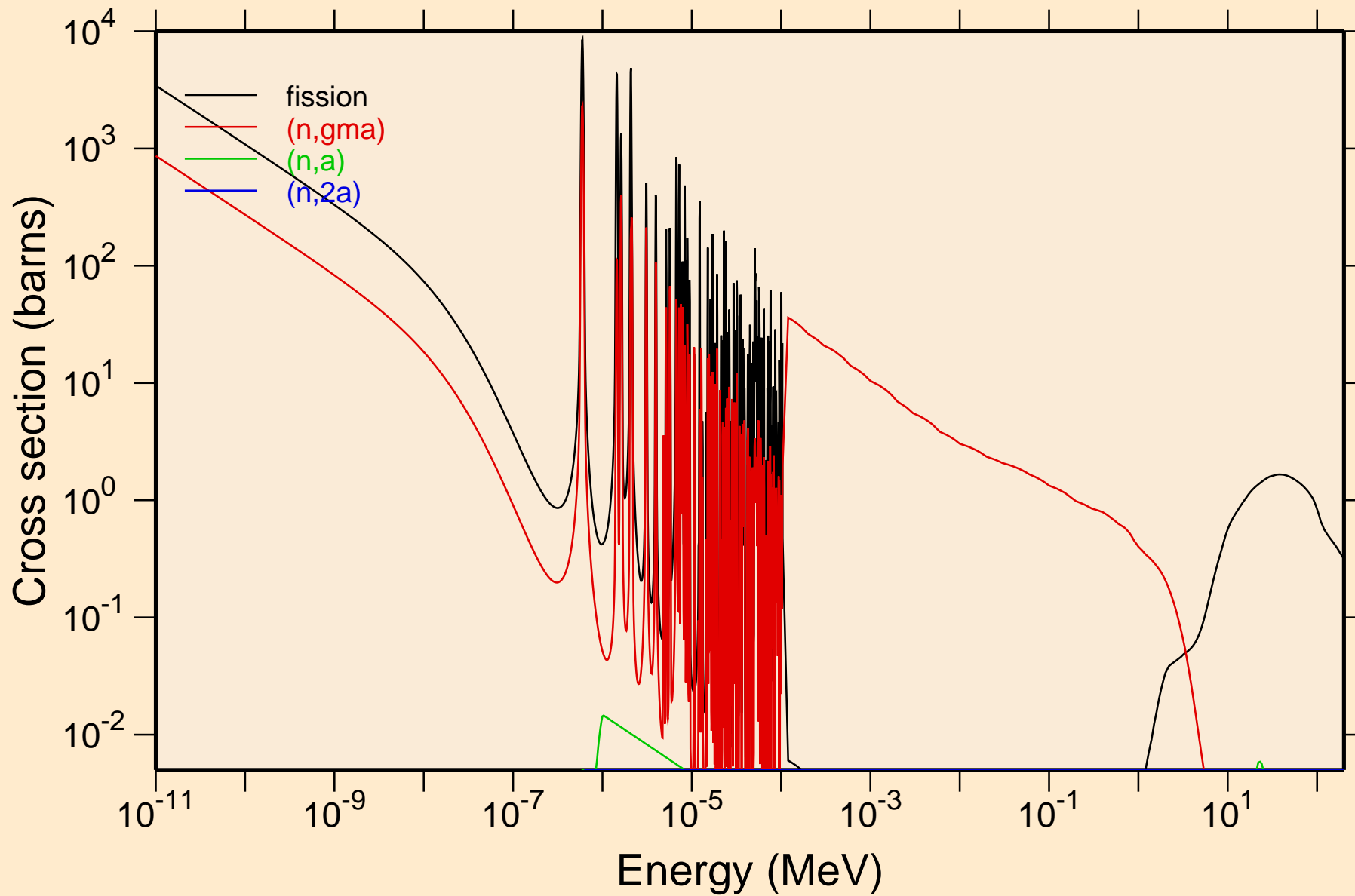
# CF247 NRG TENDL-2015, AKONING

## resonance absorption cross sections



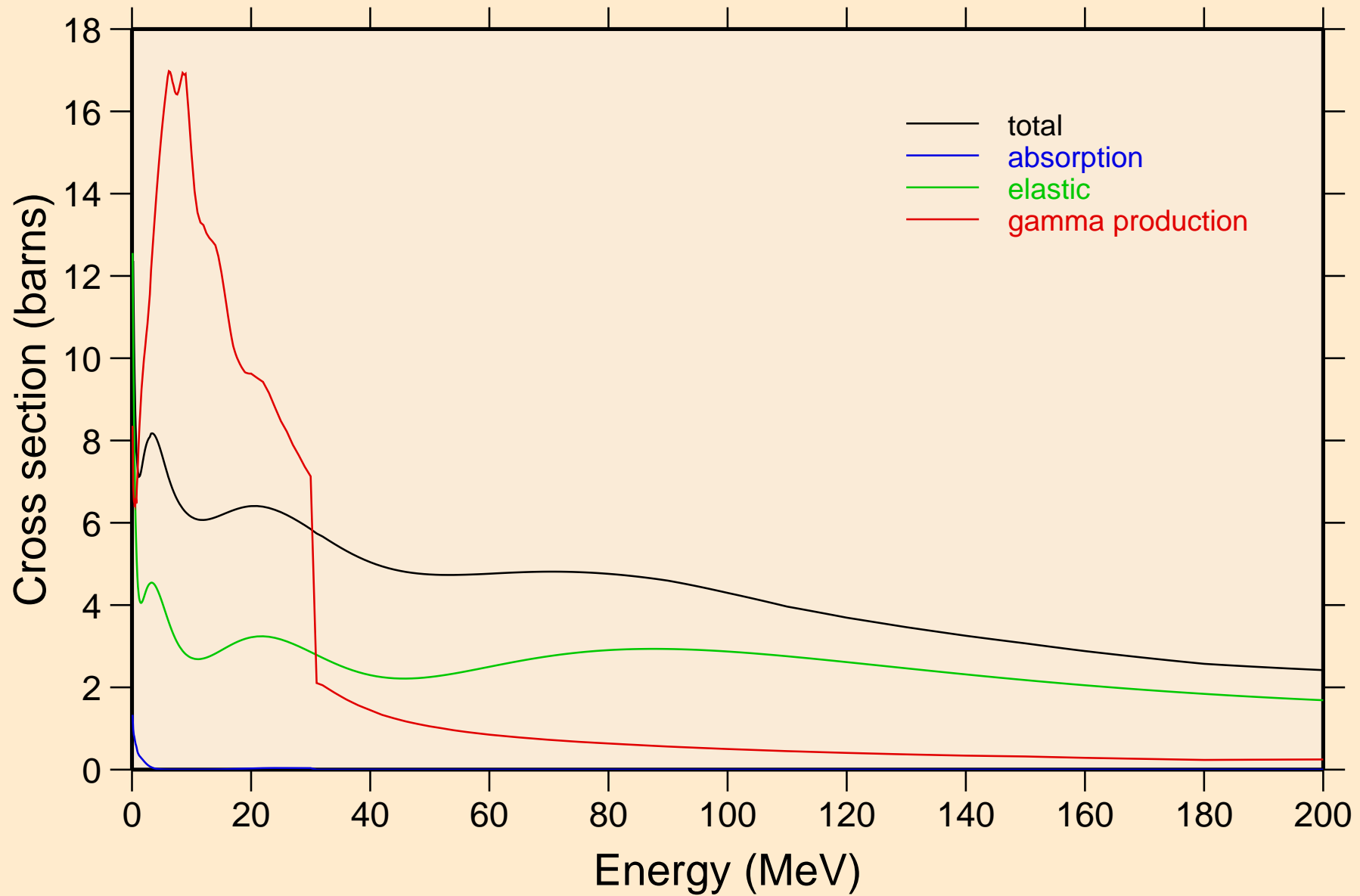
# CF247 NRG TENDL-2015, AKONING

## Non-threshold reactions



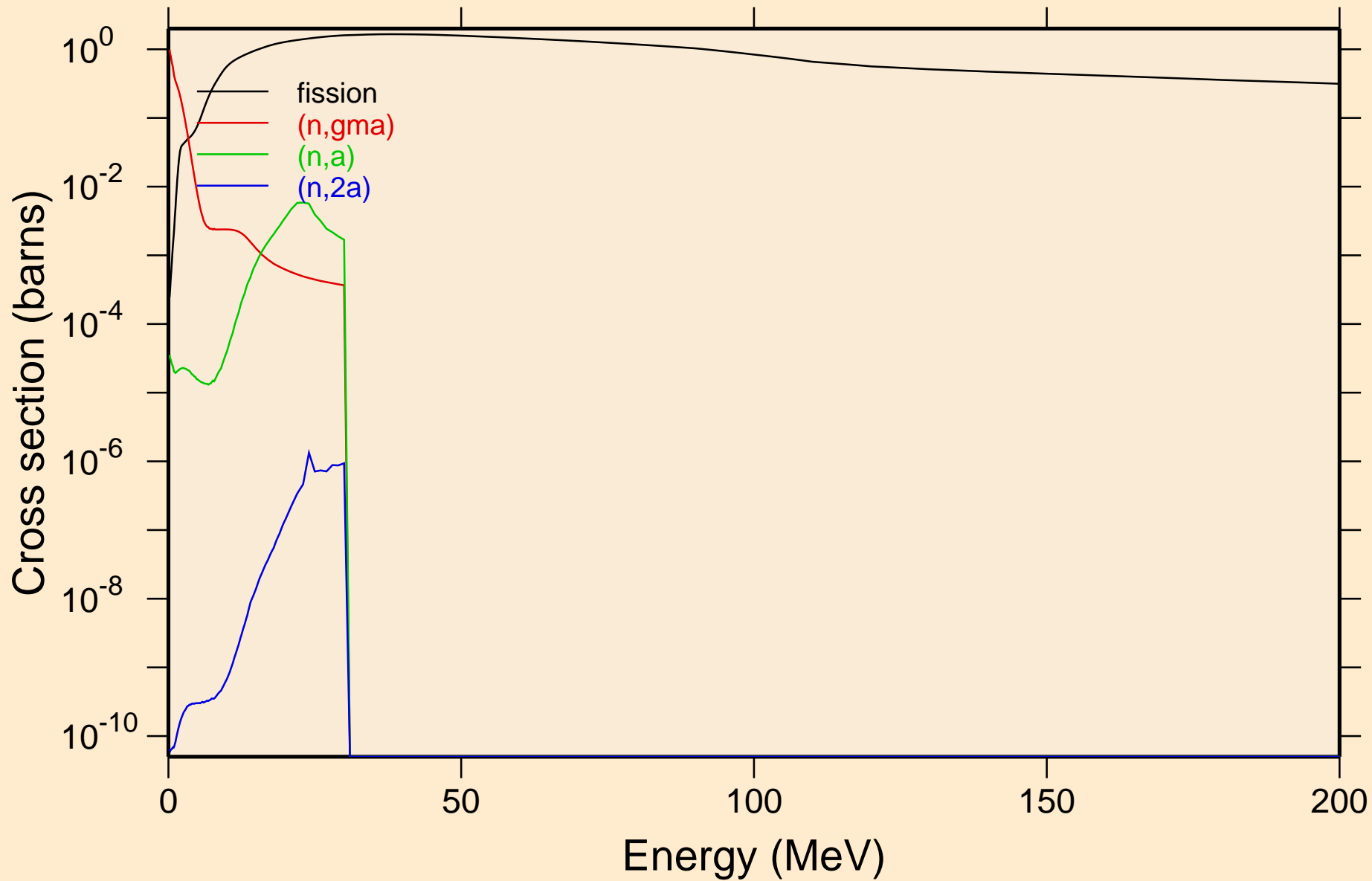
# CF247 NRG TENDL-2015, AKONING

## Principal cross sections



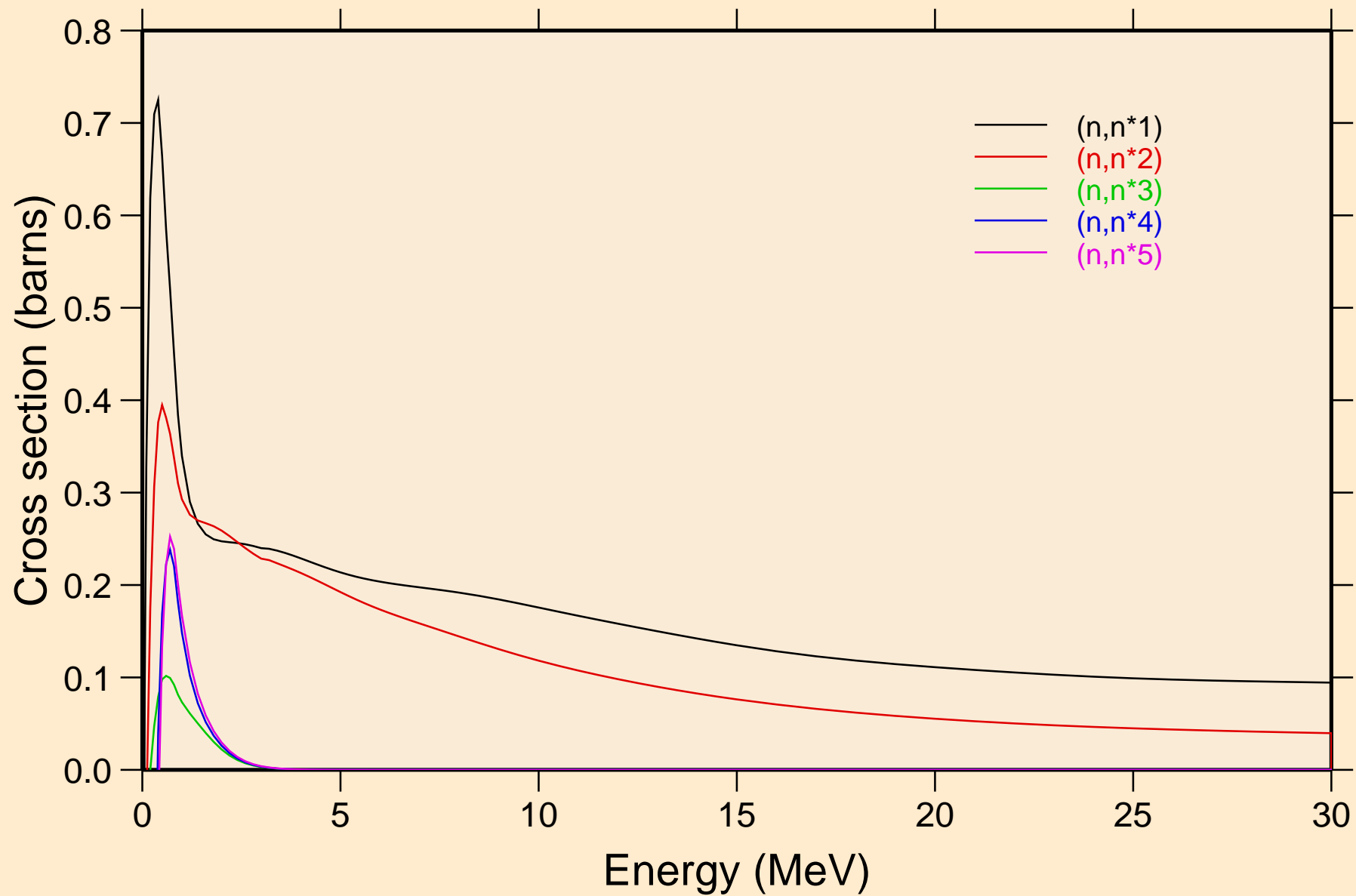
# CF247 NRG TENDL-2015, AKONING

## Non-threshold reactions



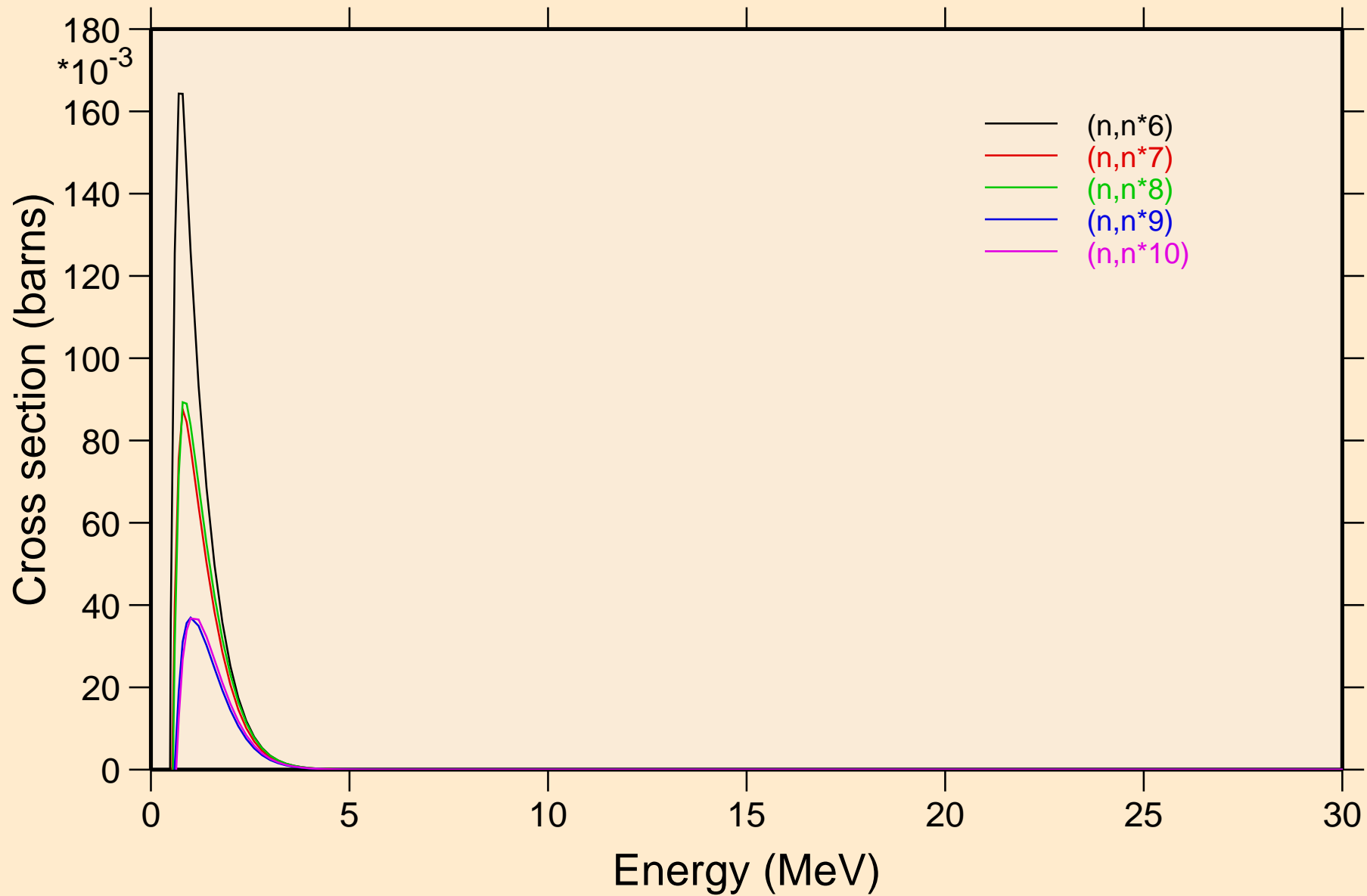
# CF247 NRG TENDL-2015, AKONING

## Inelastic levels



# CF247 NRG TENDL-2015, AKONING

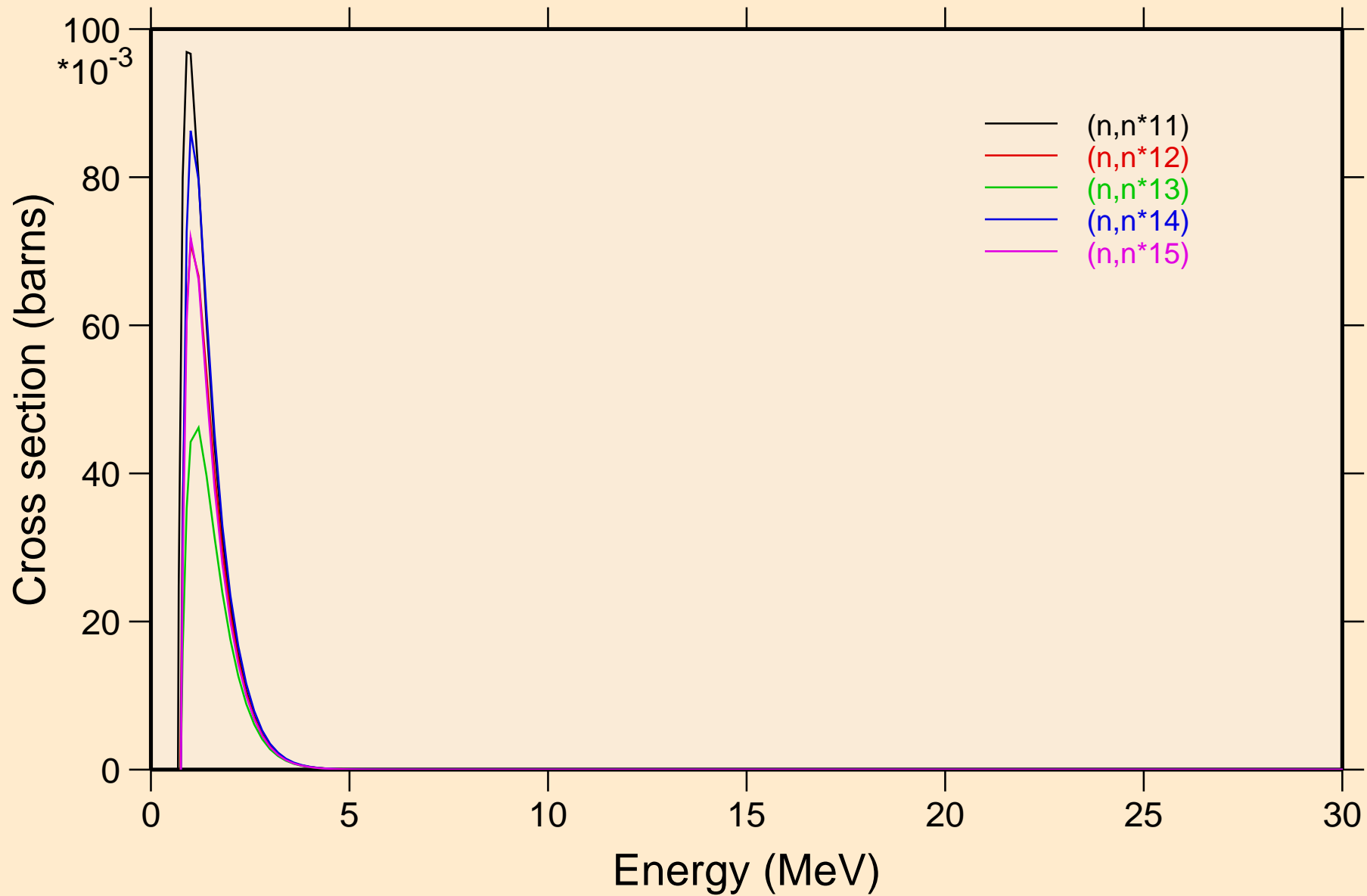
## Inelastic levels





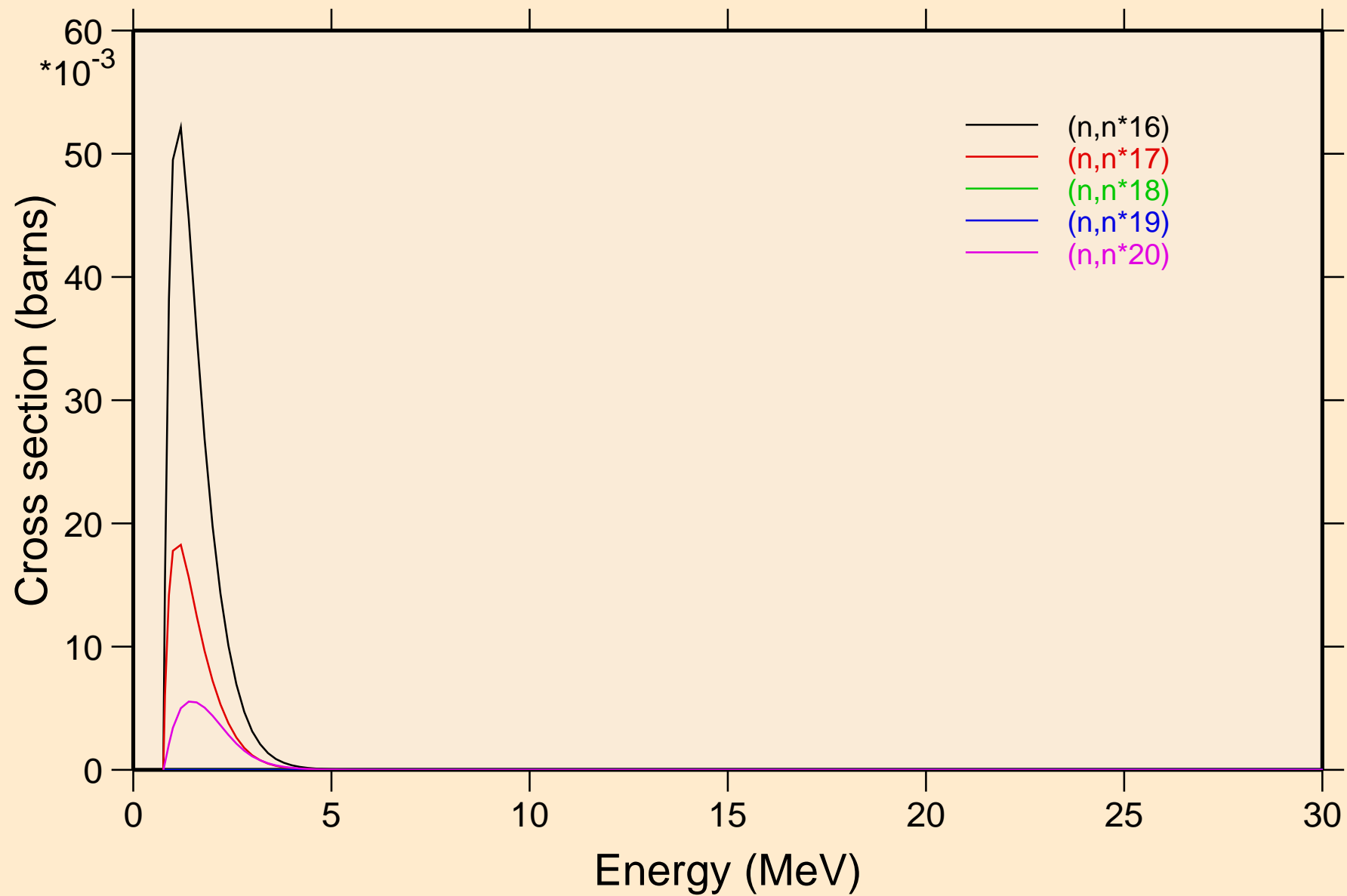
# CF247 NRG TENDL-2015, AKONING

## Inelastic levels



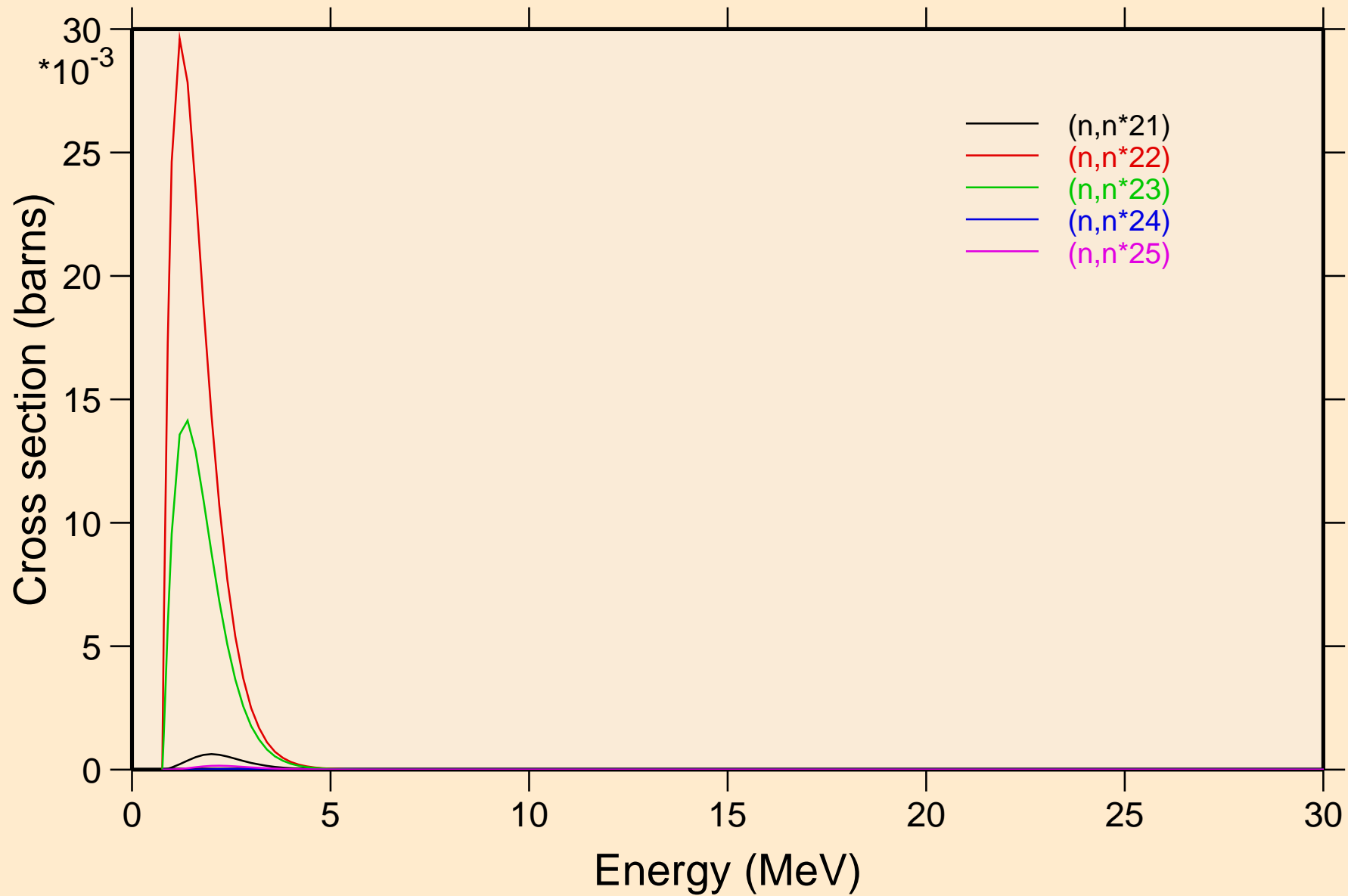
# CF247 NRG TENDL-2015, AKONING

## Inelastic levels



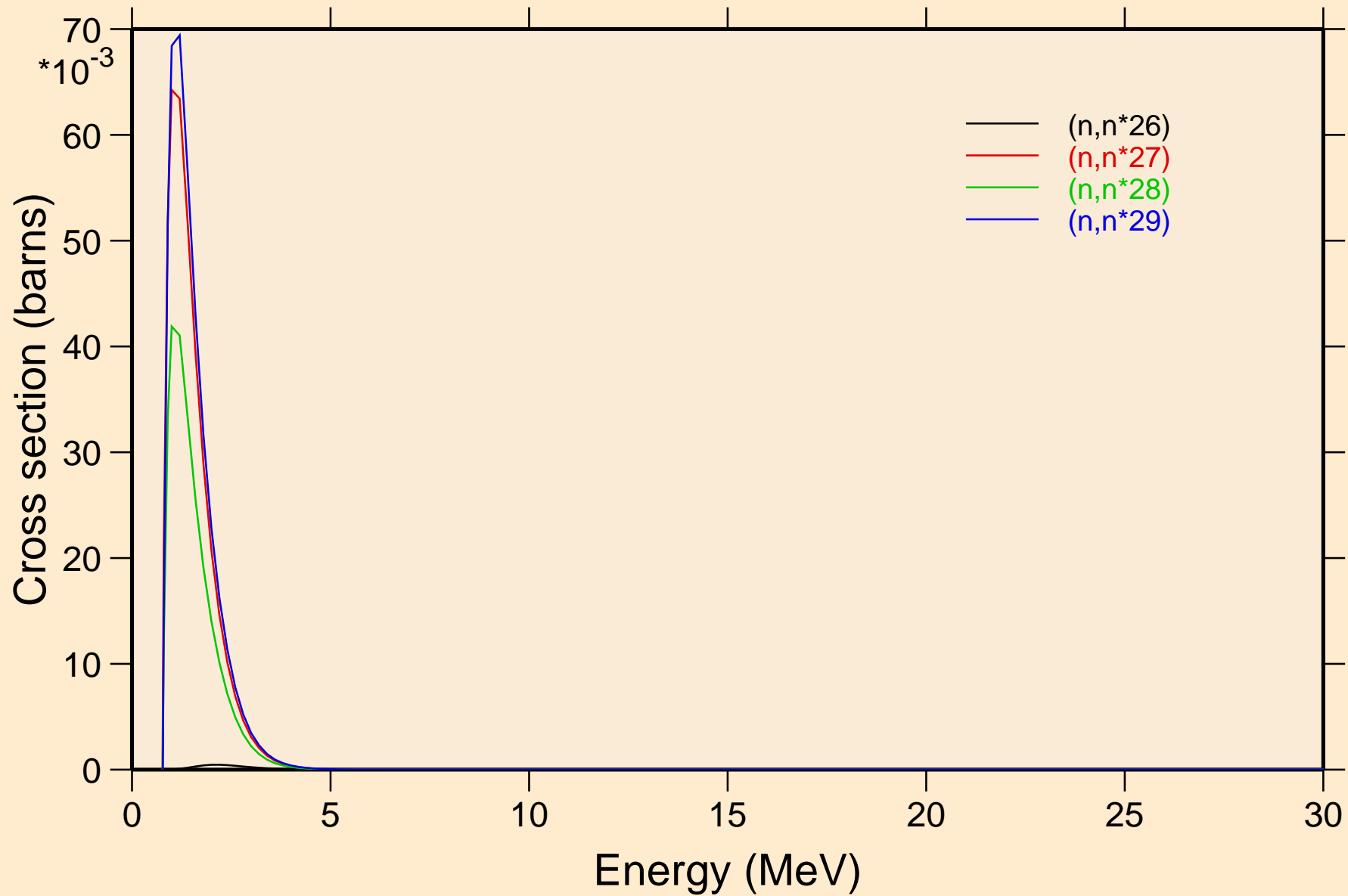
# CF247 NRG TENDL-2015, AKONING

## Inelastic levels



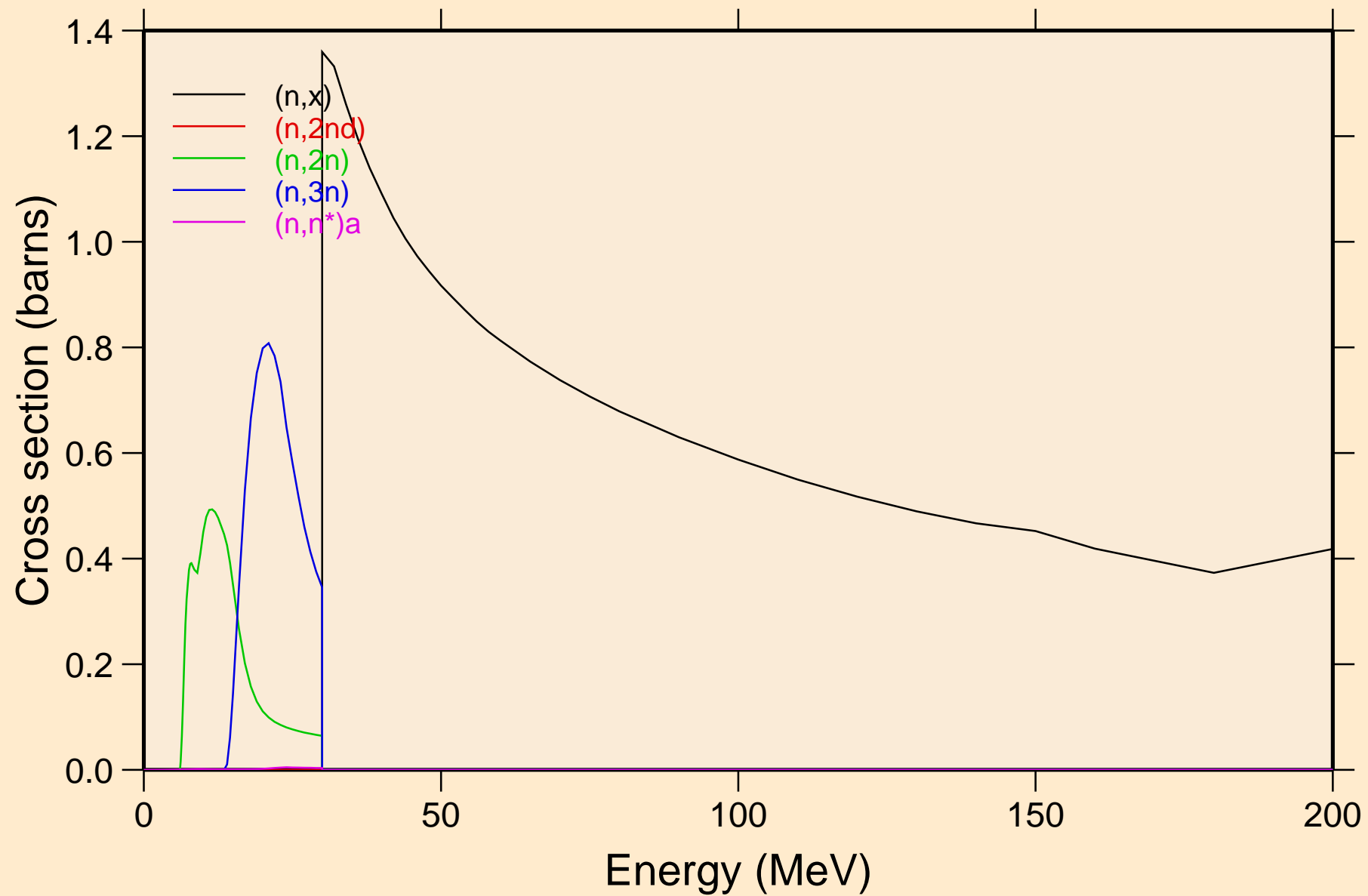
# CF247 NRG TENDL-2015, AKONING

## Inelastic levels



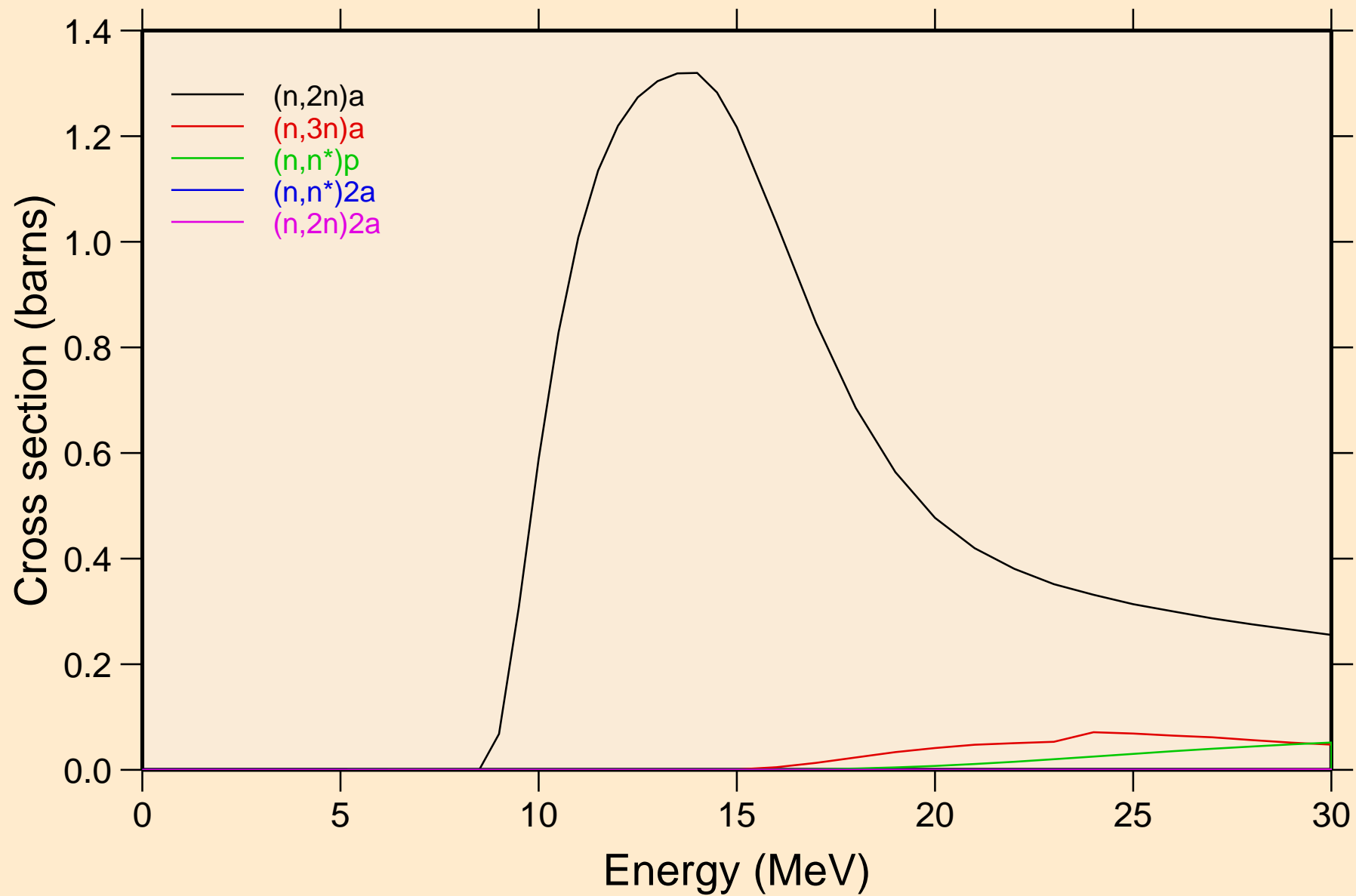
# CF247 NRG TENDL-2015, AKONING

## Threshold reactions



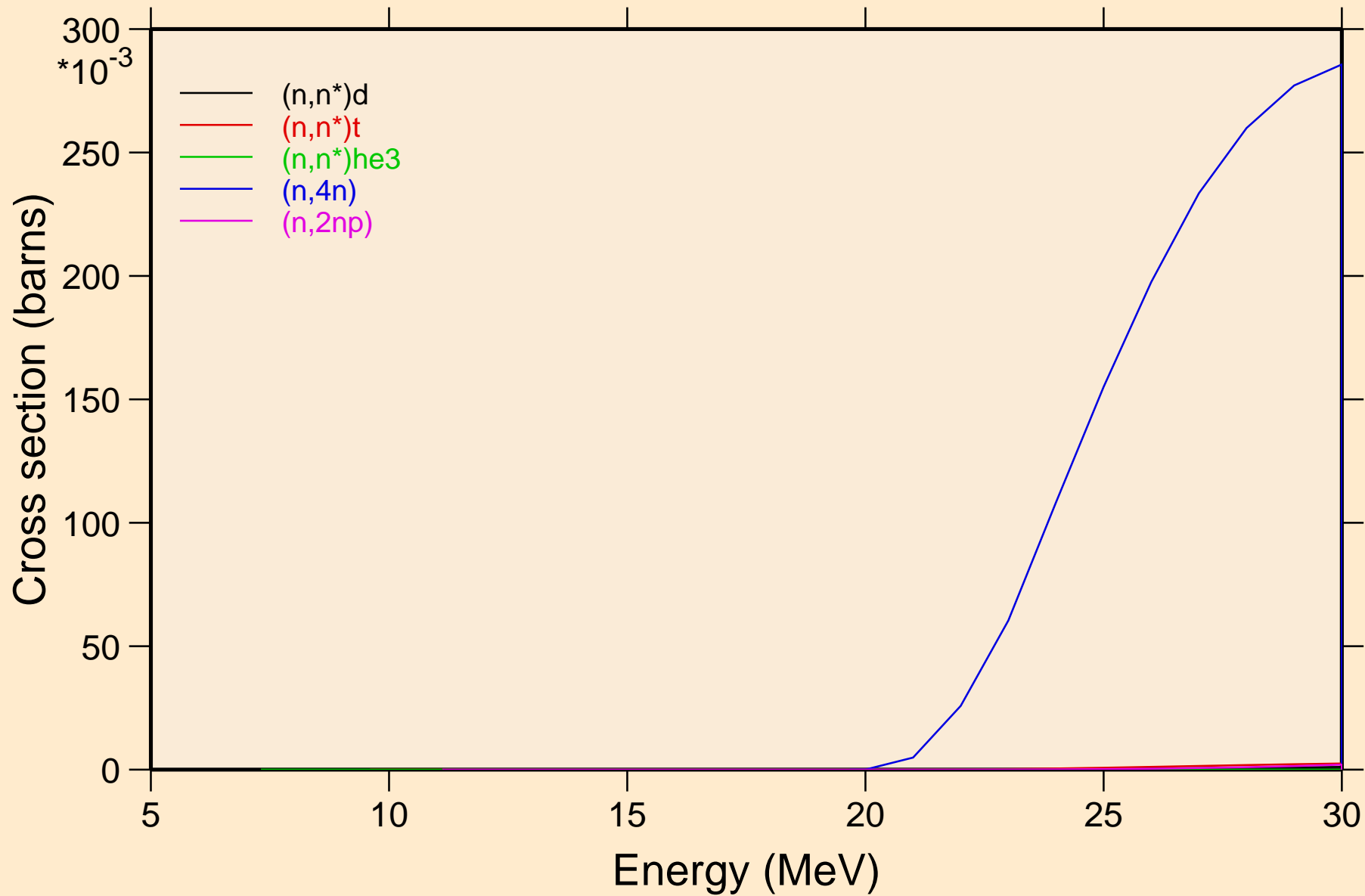
# CF247 NRG TENDL-2015, AKONING

## Threshold reactions



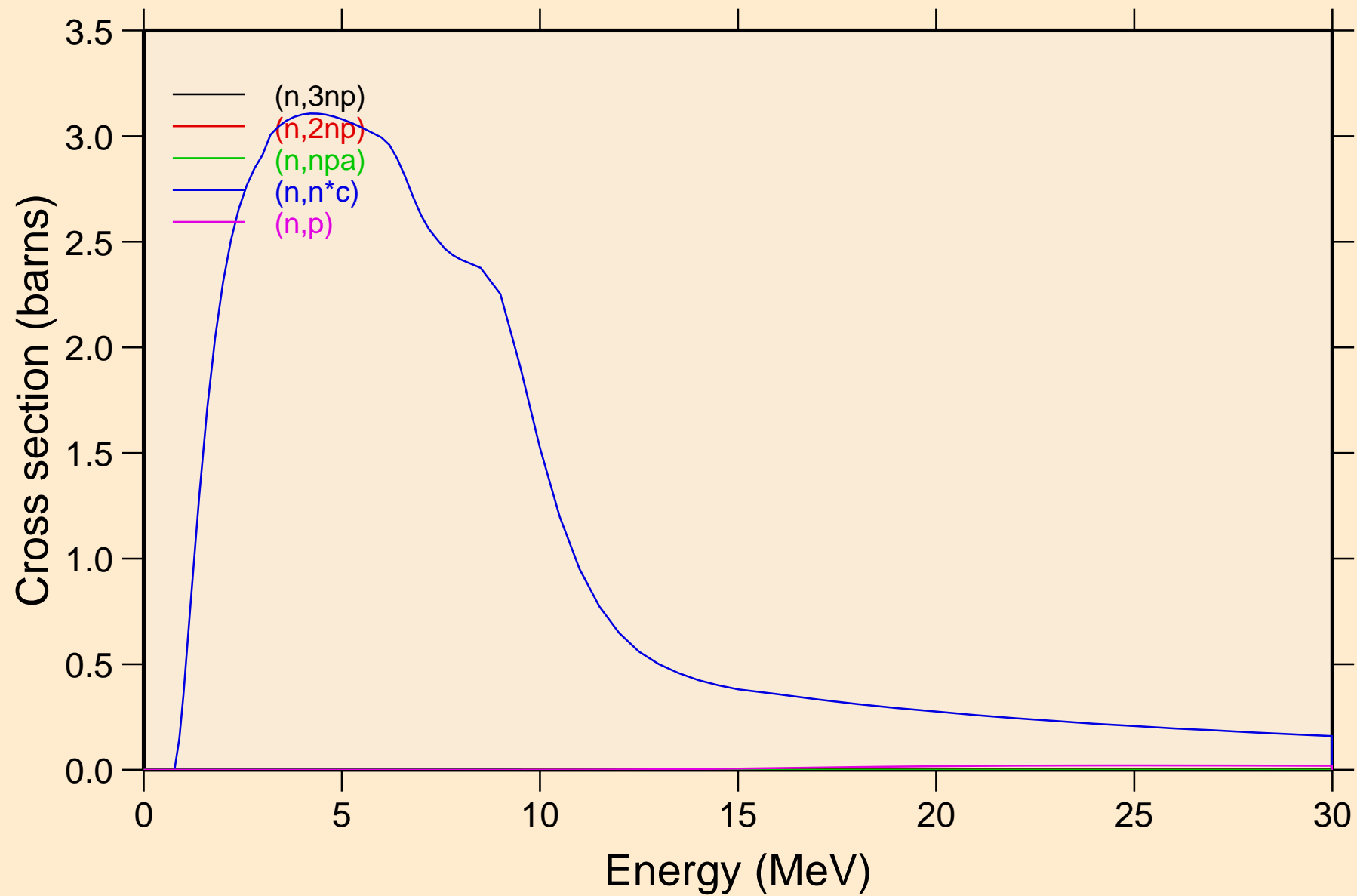
# CF247 NRG TENDL-2015, AKONING

## Threshold reactions



# CF247 NRG TENDL-2015, AKONING

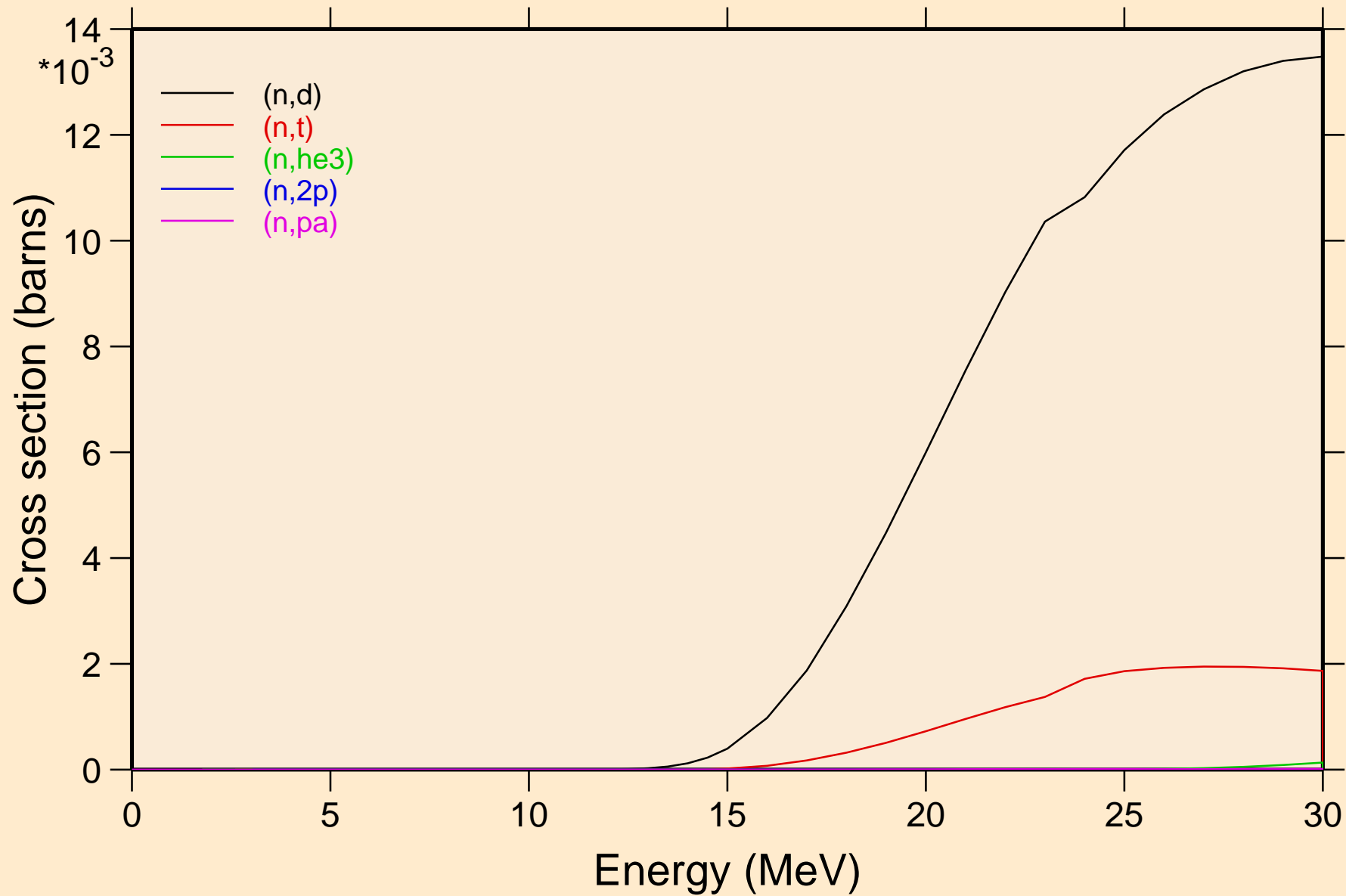
## Threshold reactions





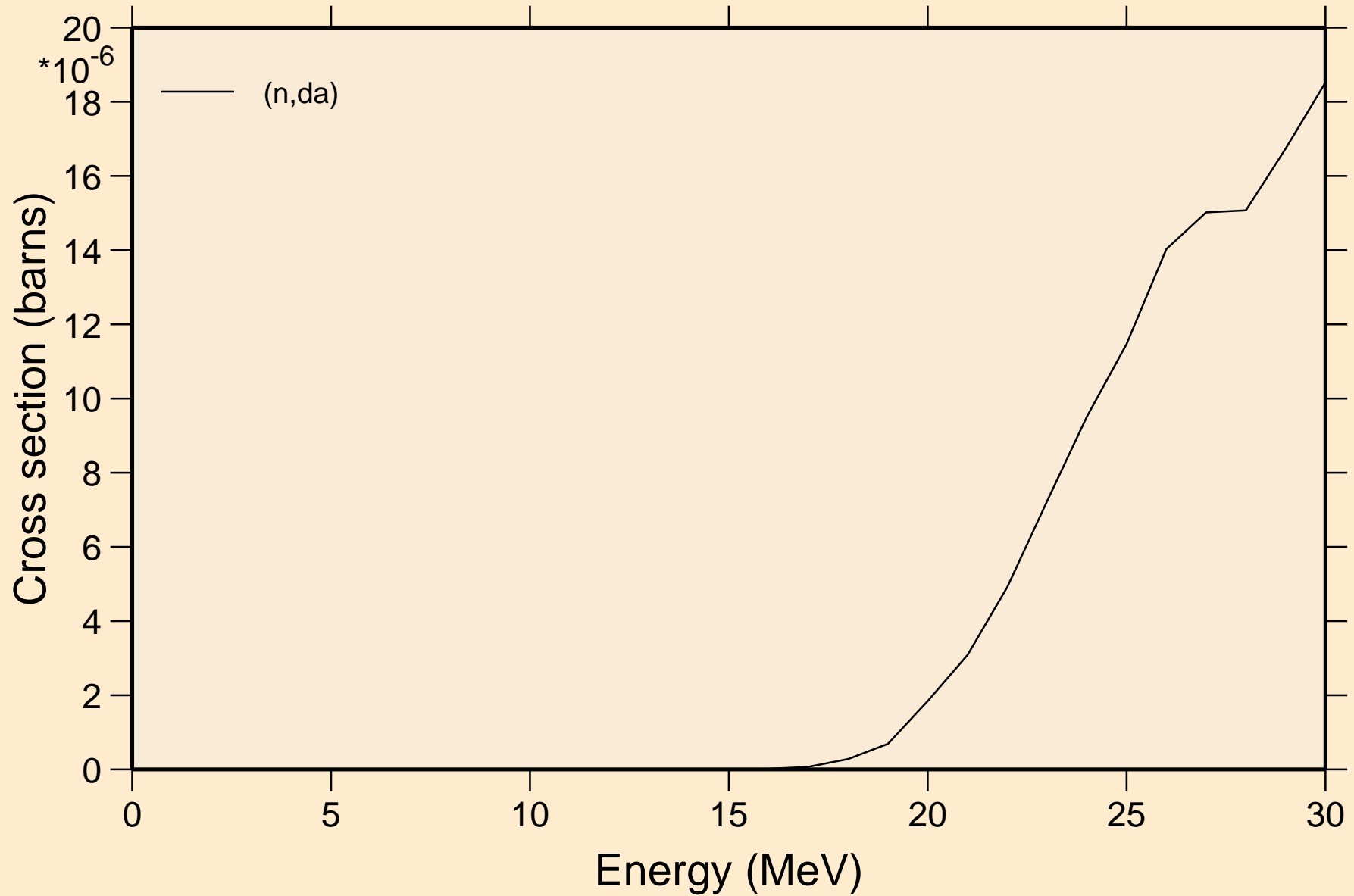
# CF247 NRG TENDL-2015, AKONING

## Threshold reactions

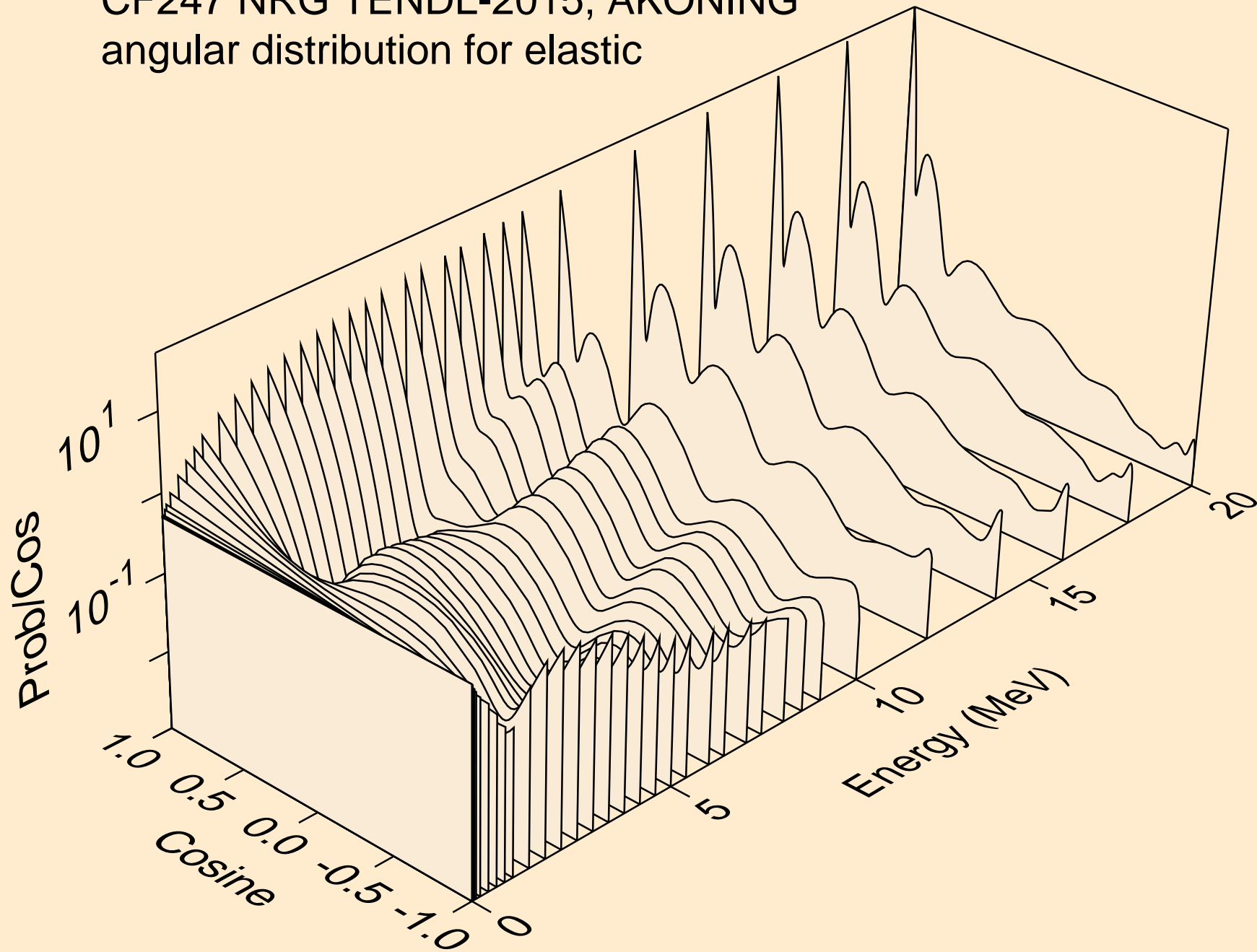


# CF247 NRG TENDL-2015, AKONING

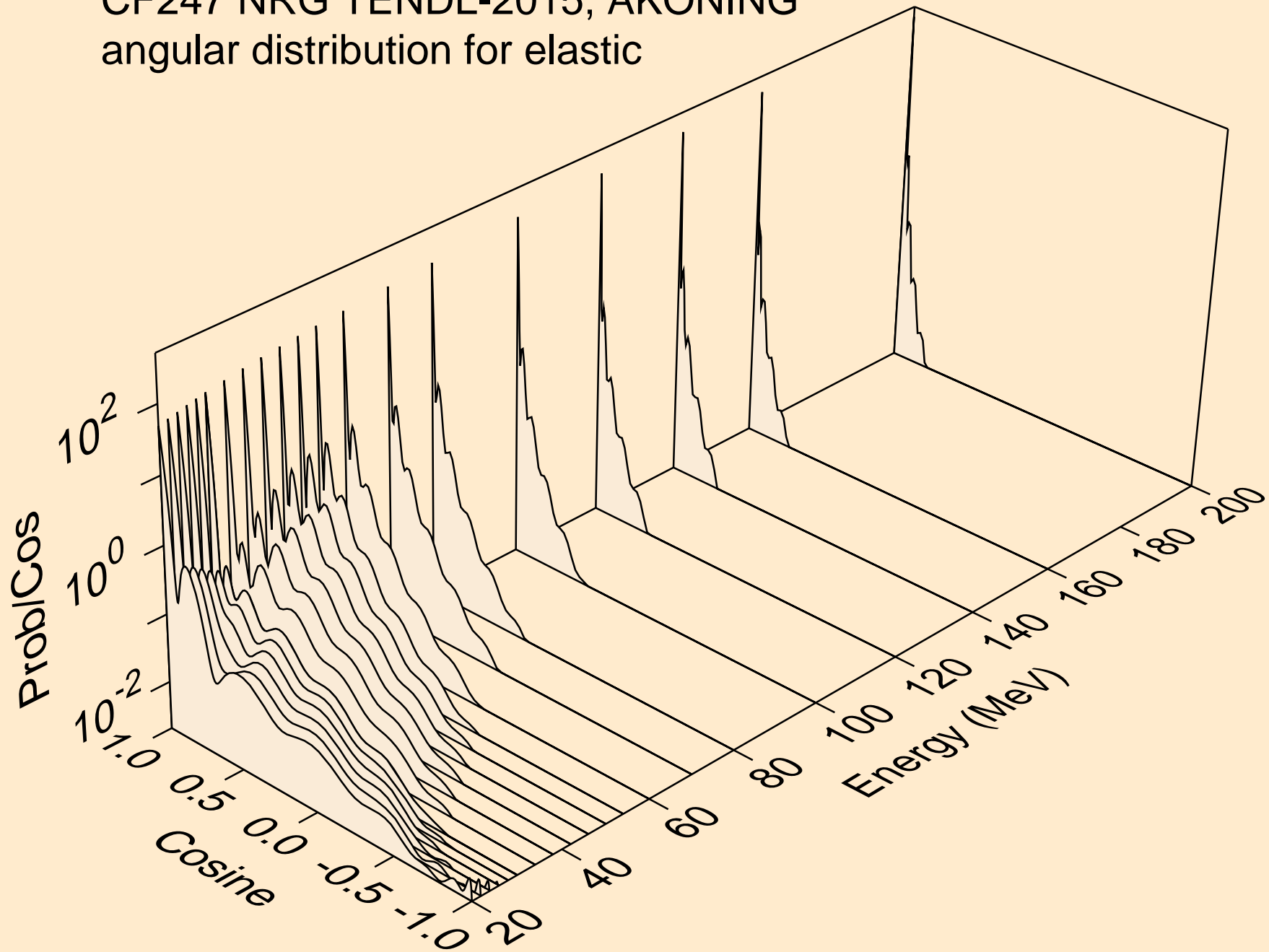
## Threshold reactions



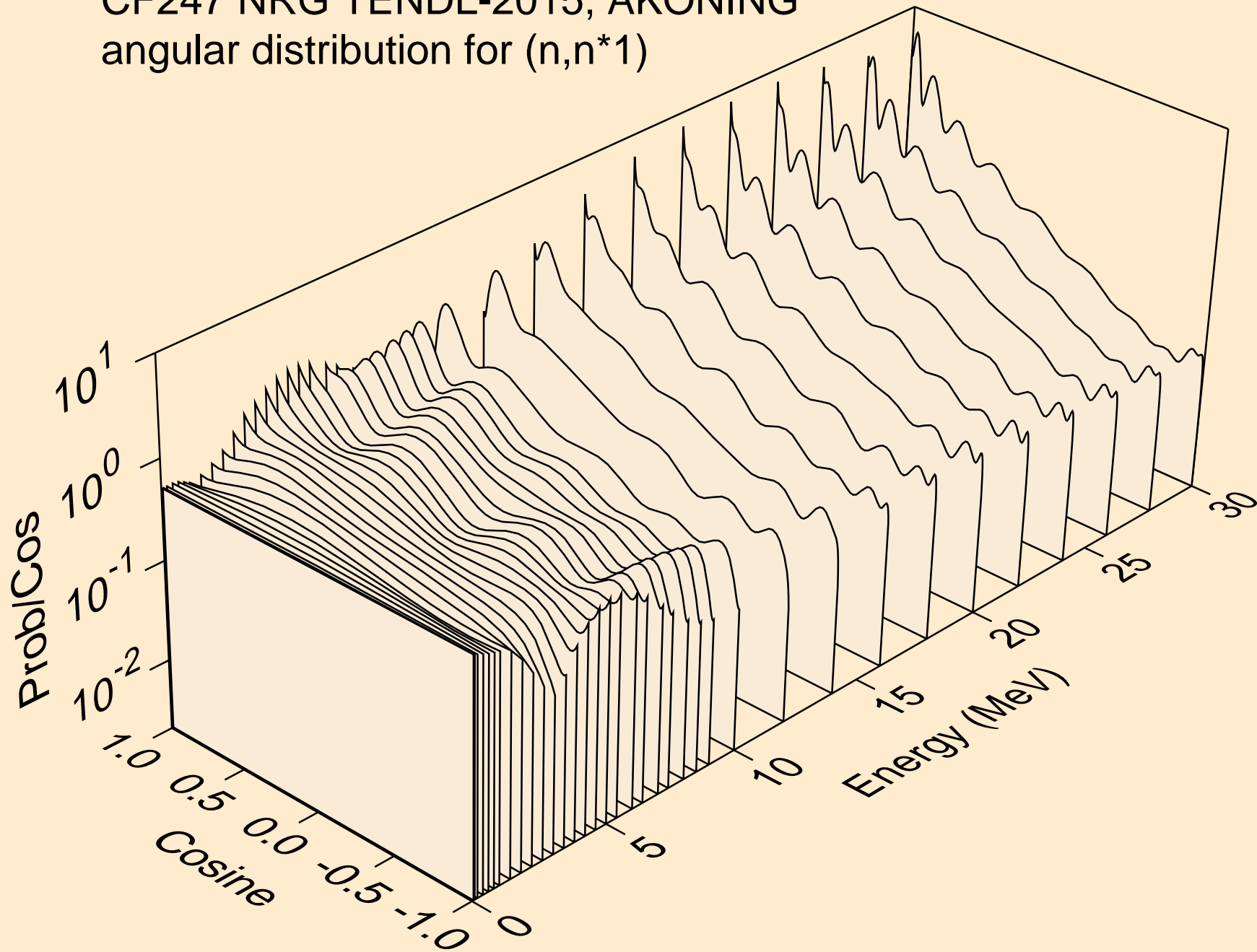
CF247 NRG TENDL-2015, AKONING  
angular distribution for elastic



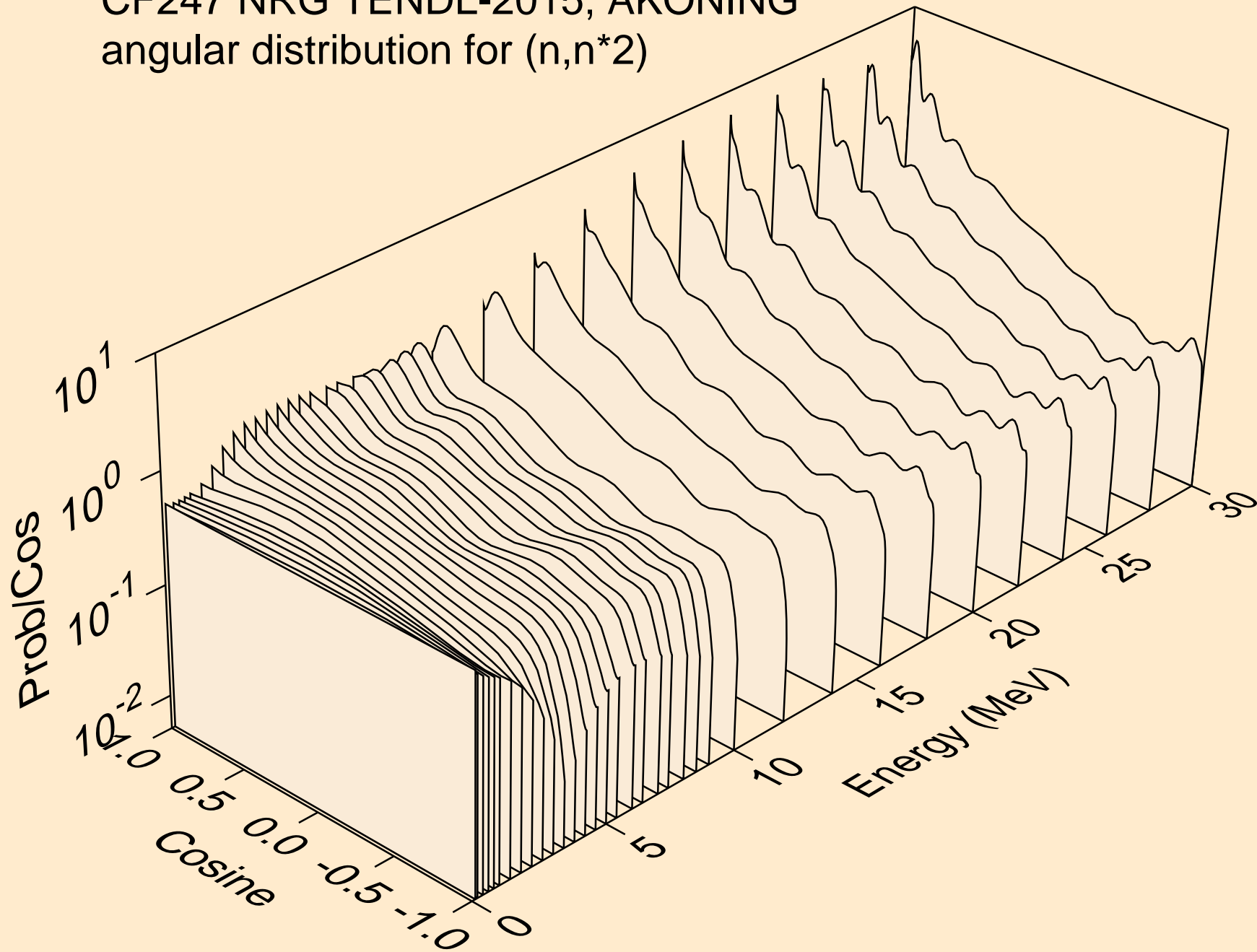
CF247 NRG TENDL-2015, AKONING  
angular distribution for elastic



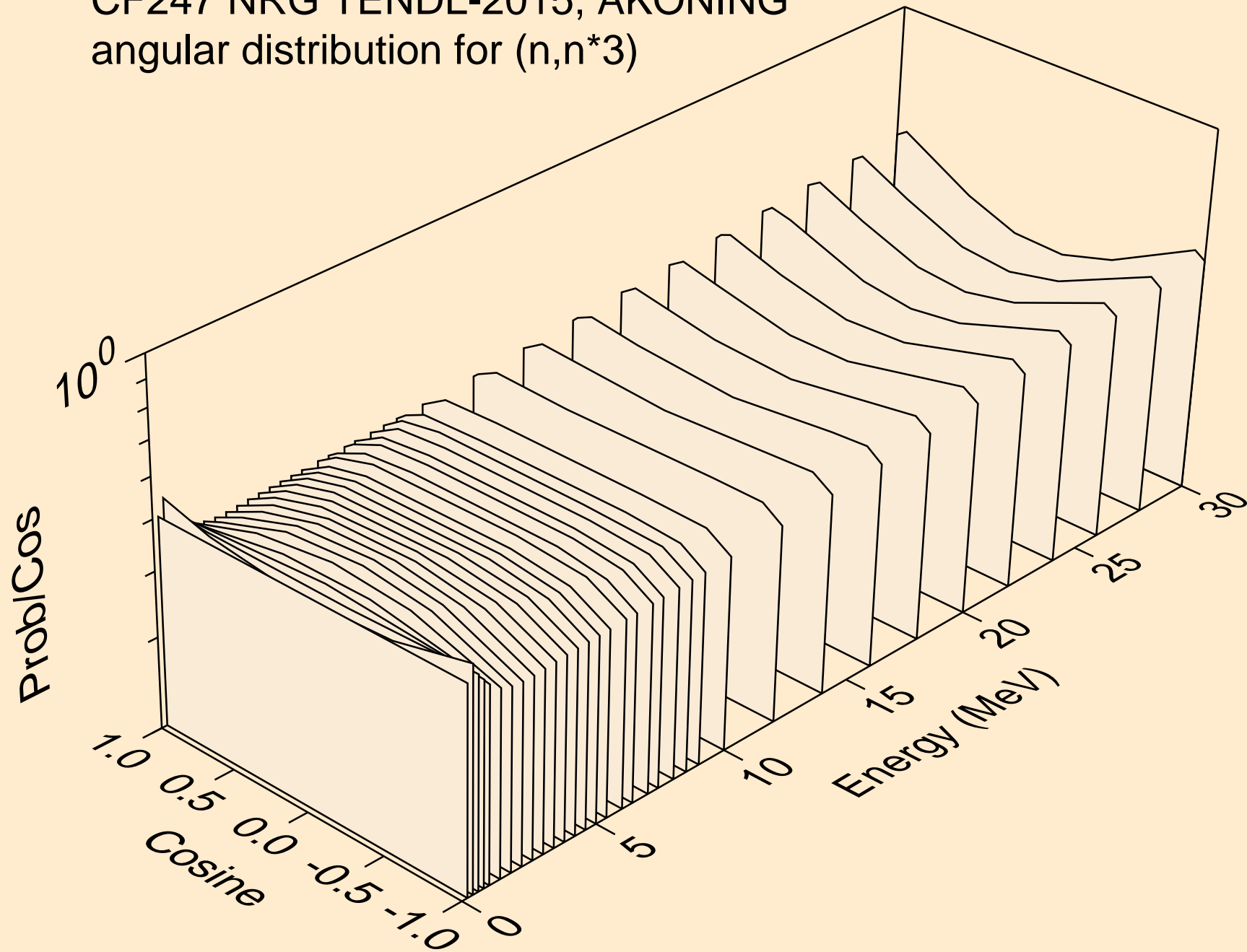
CF247 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



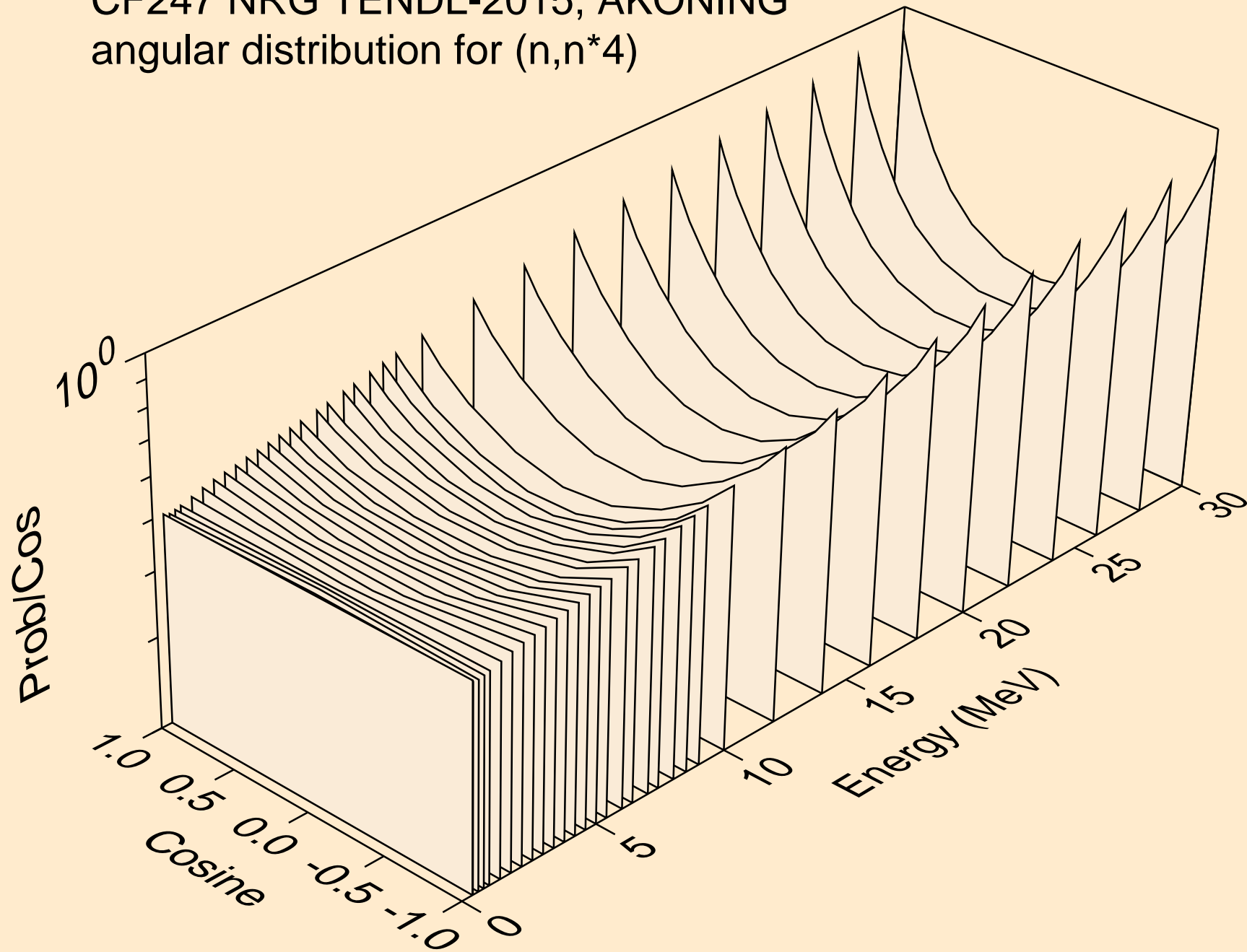
CF247 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



CF247 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)

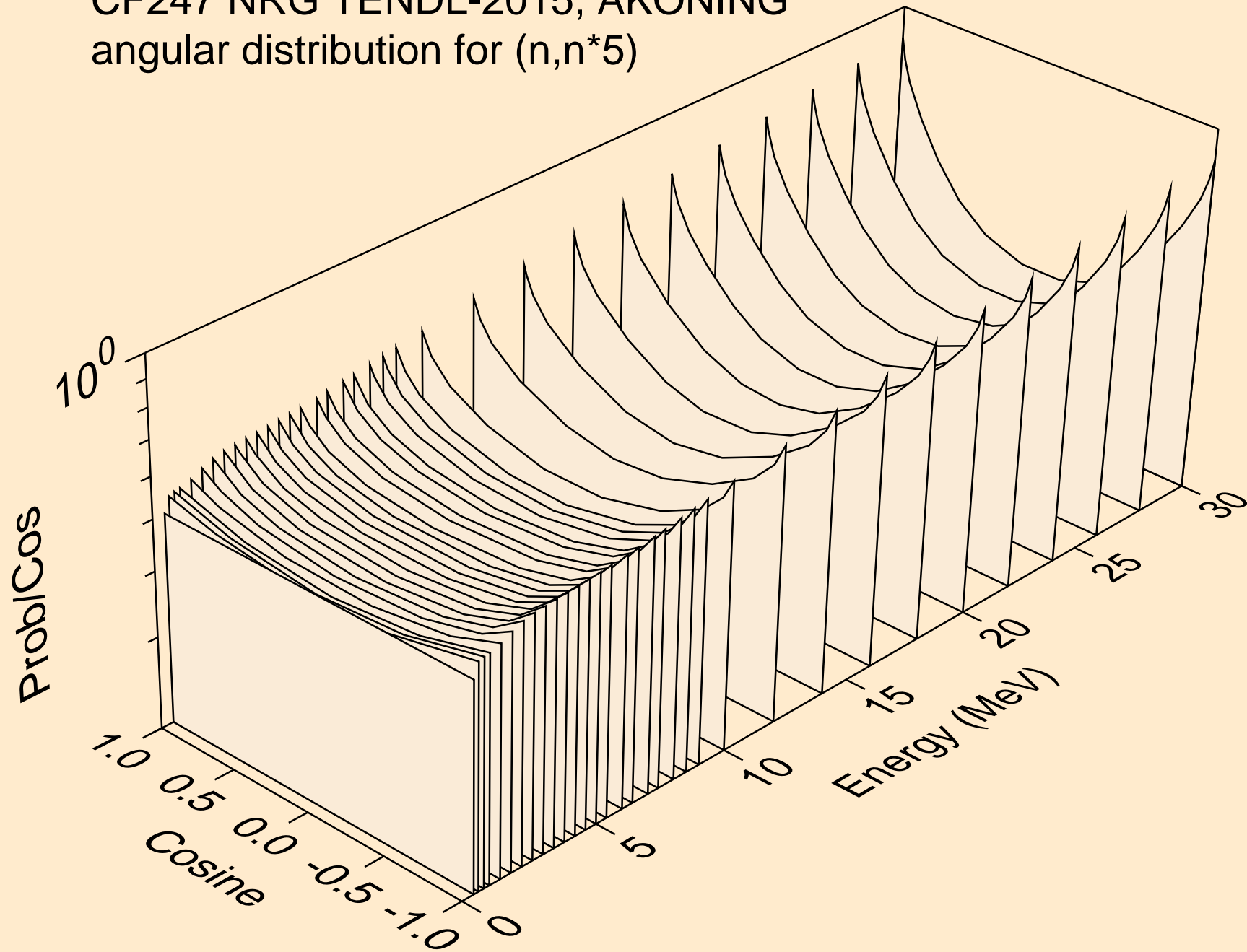


CF247 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)

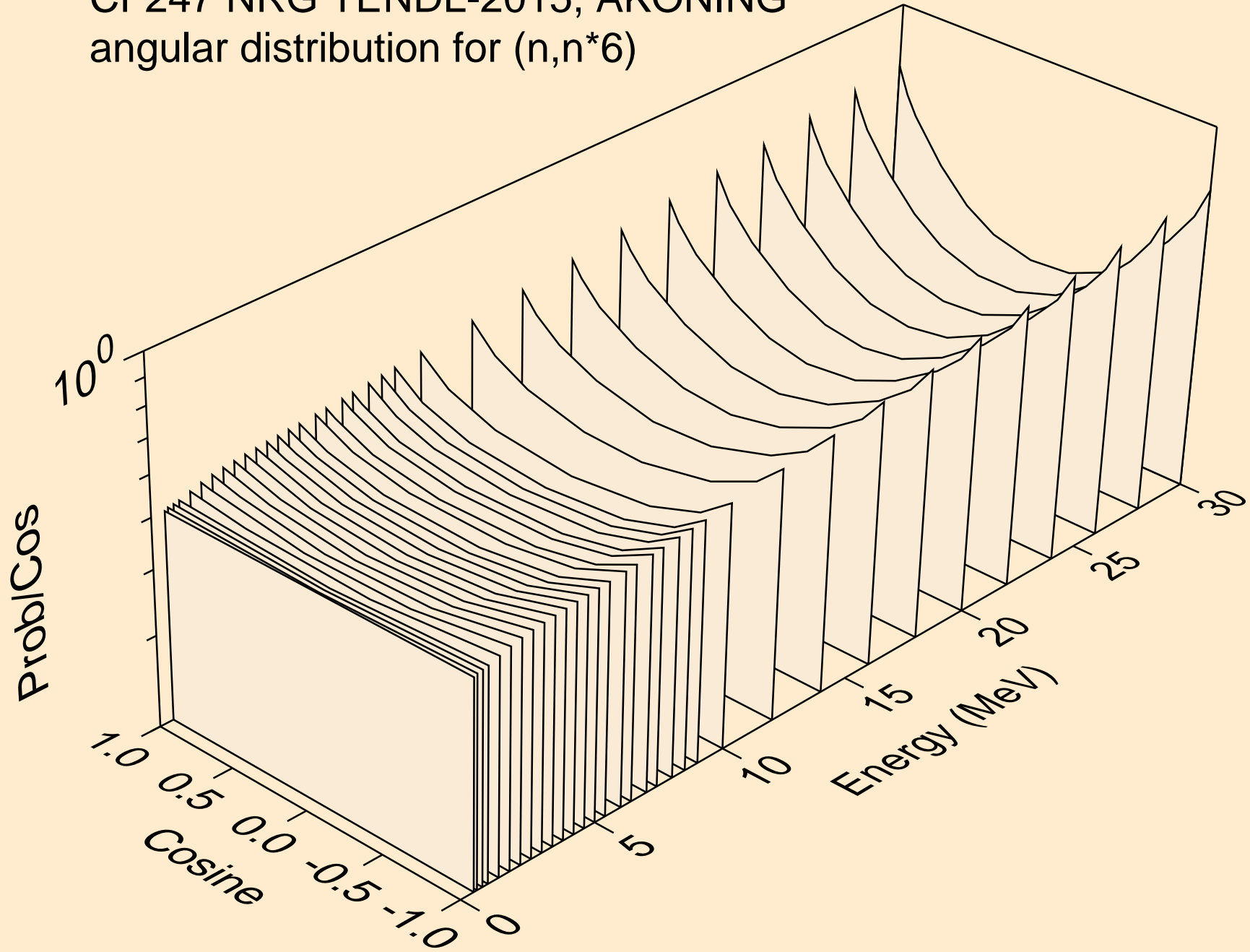




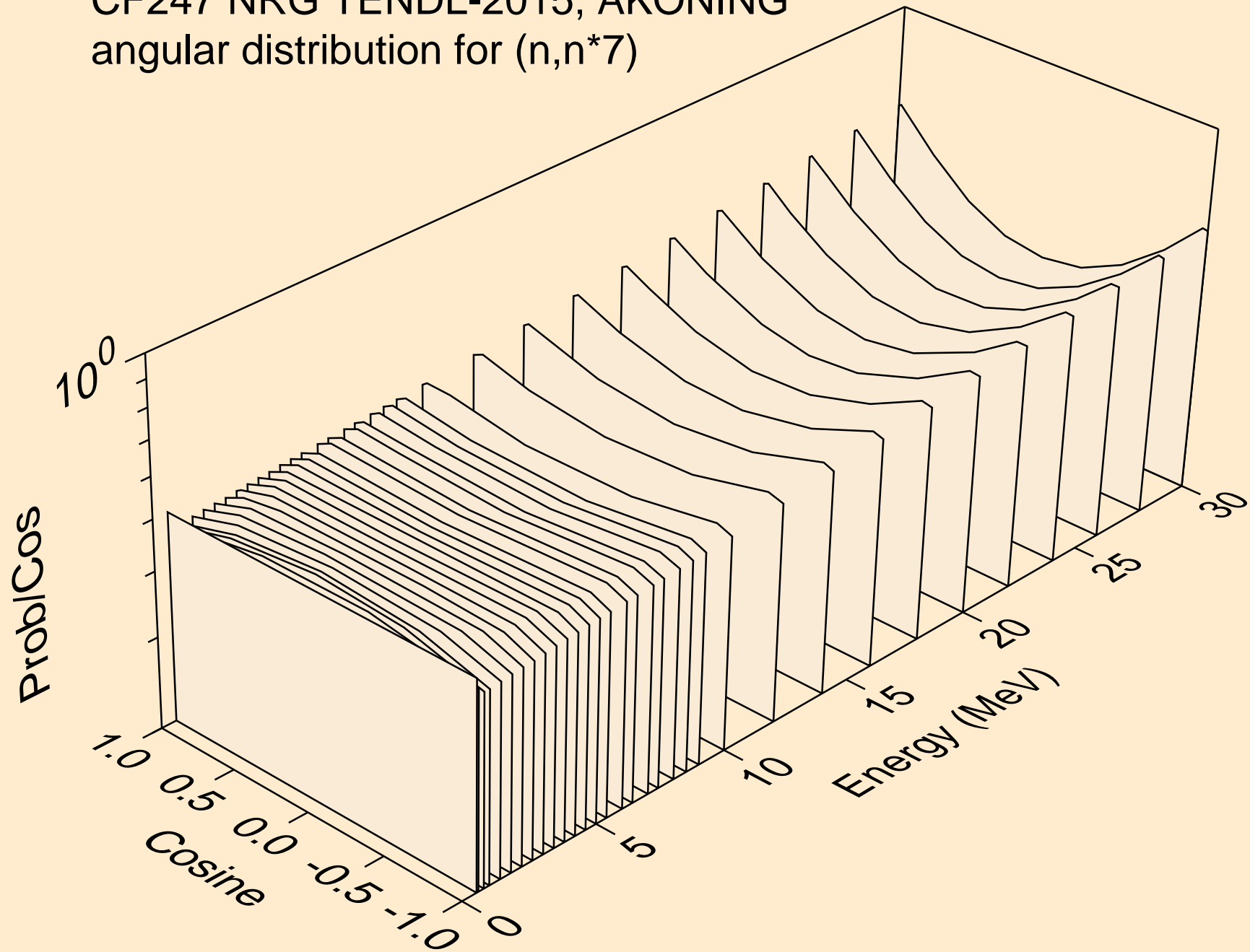
CF247 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



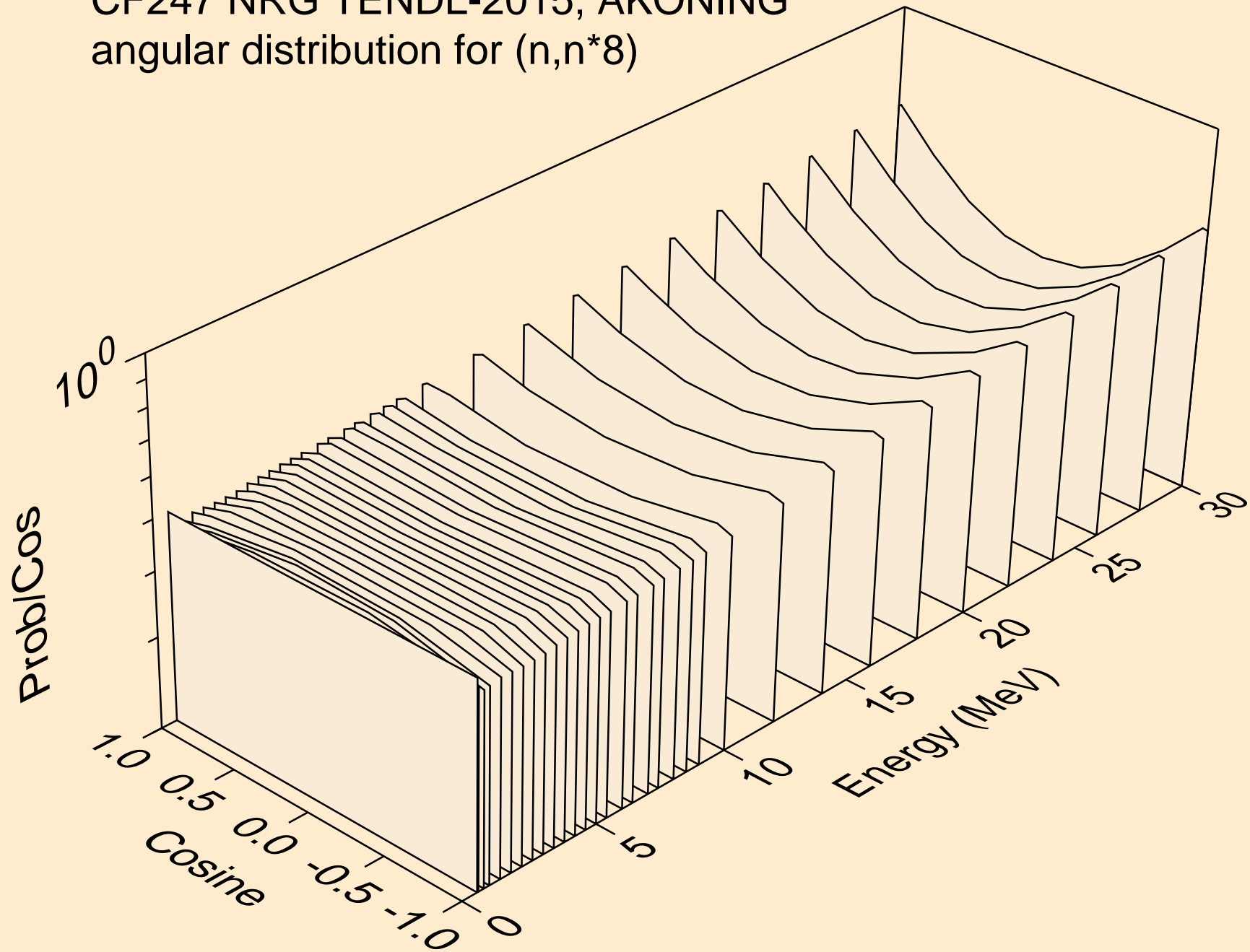
CF247 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



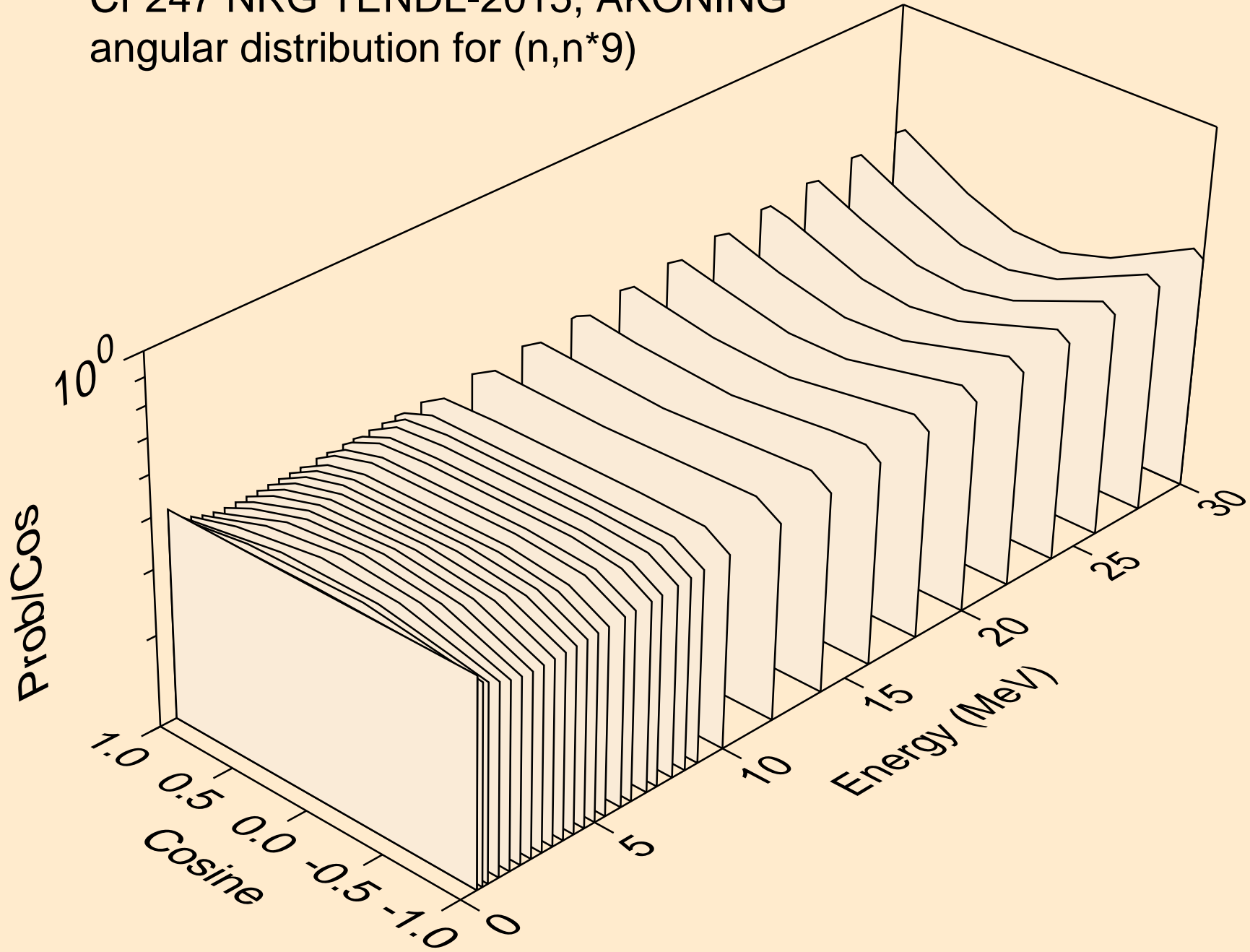
CF247 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



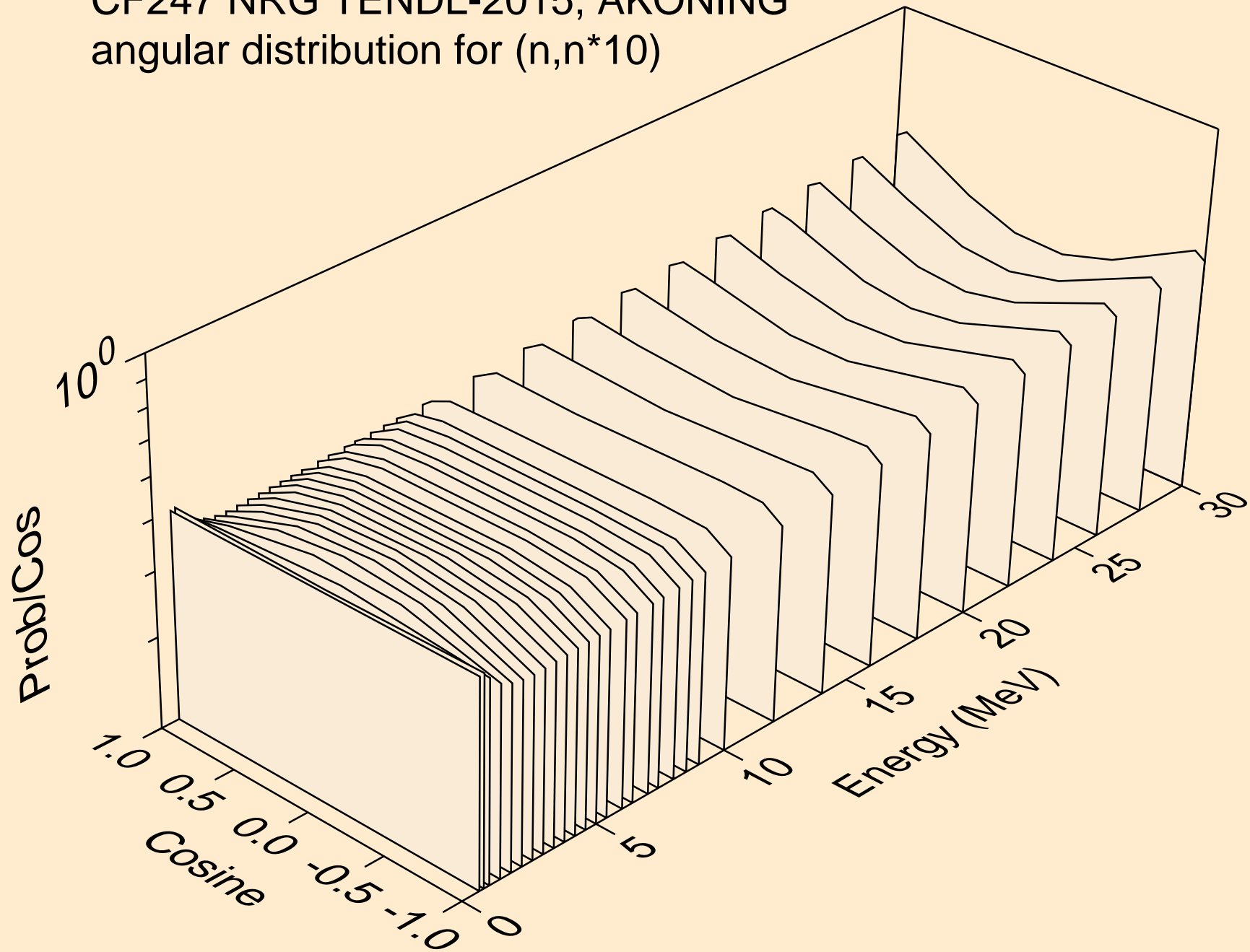
CF247 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



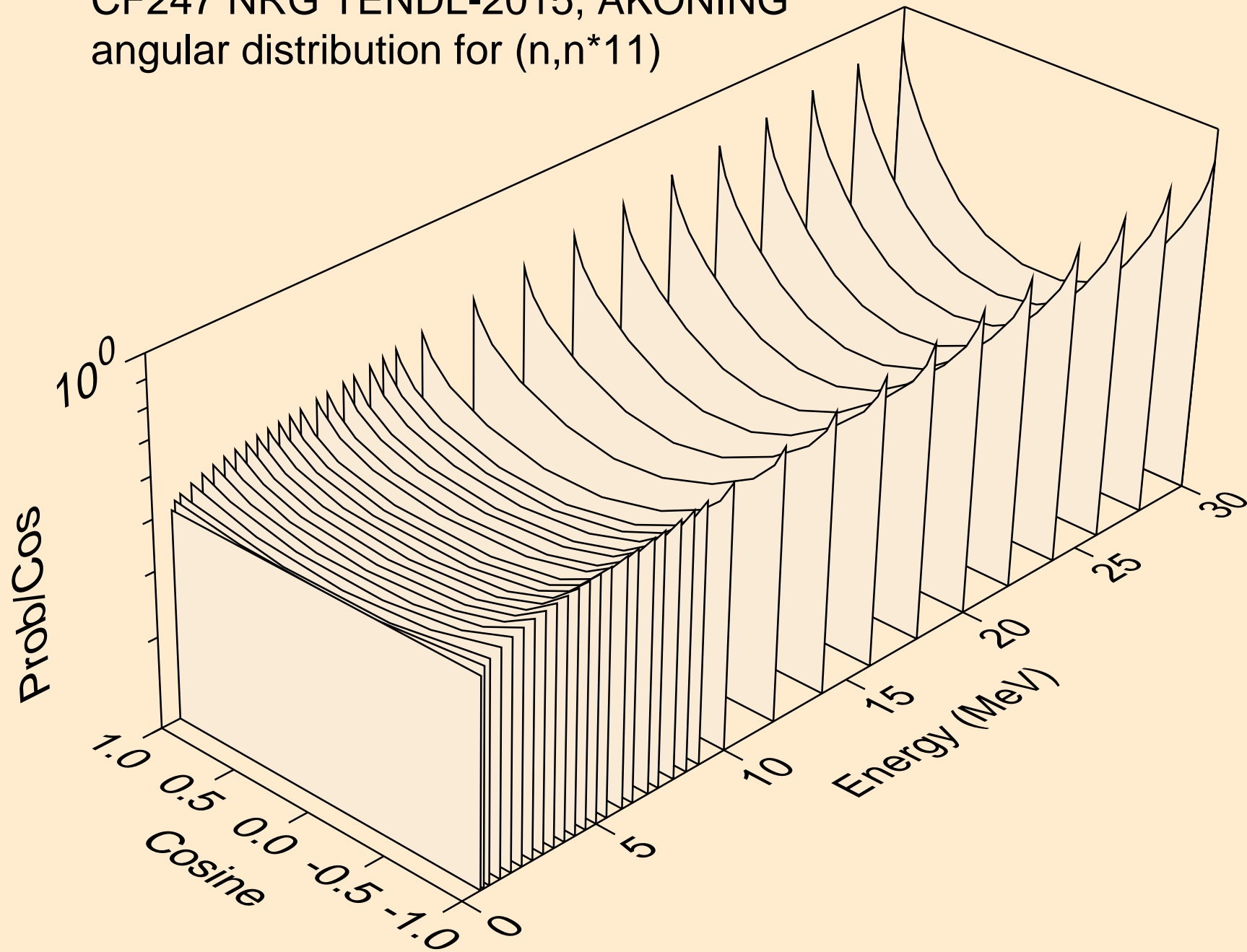
CF247 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



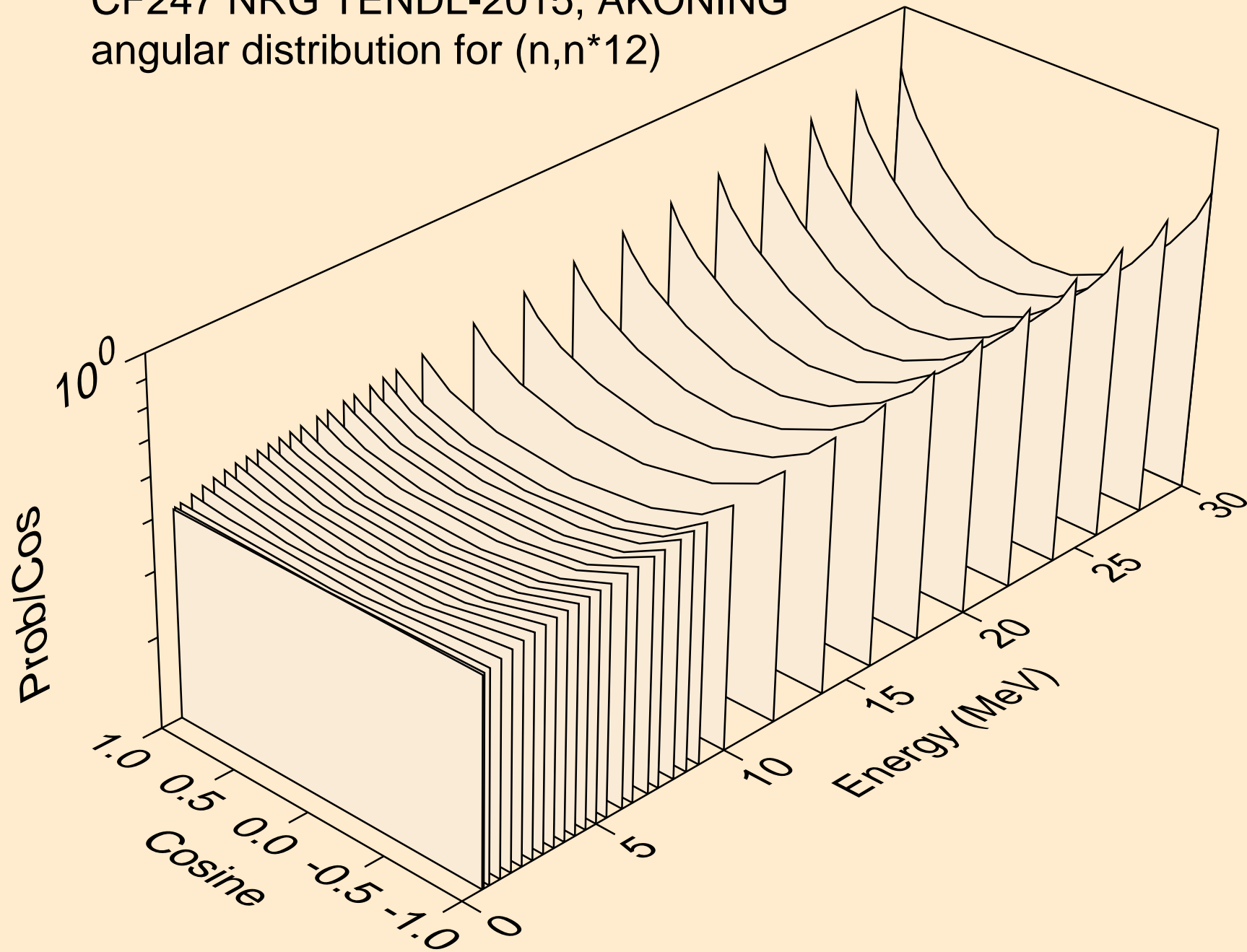
CF247 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



CF247 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)

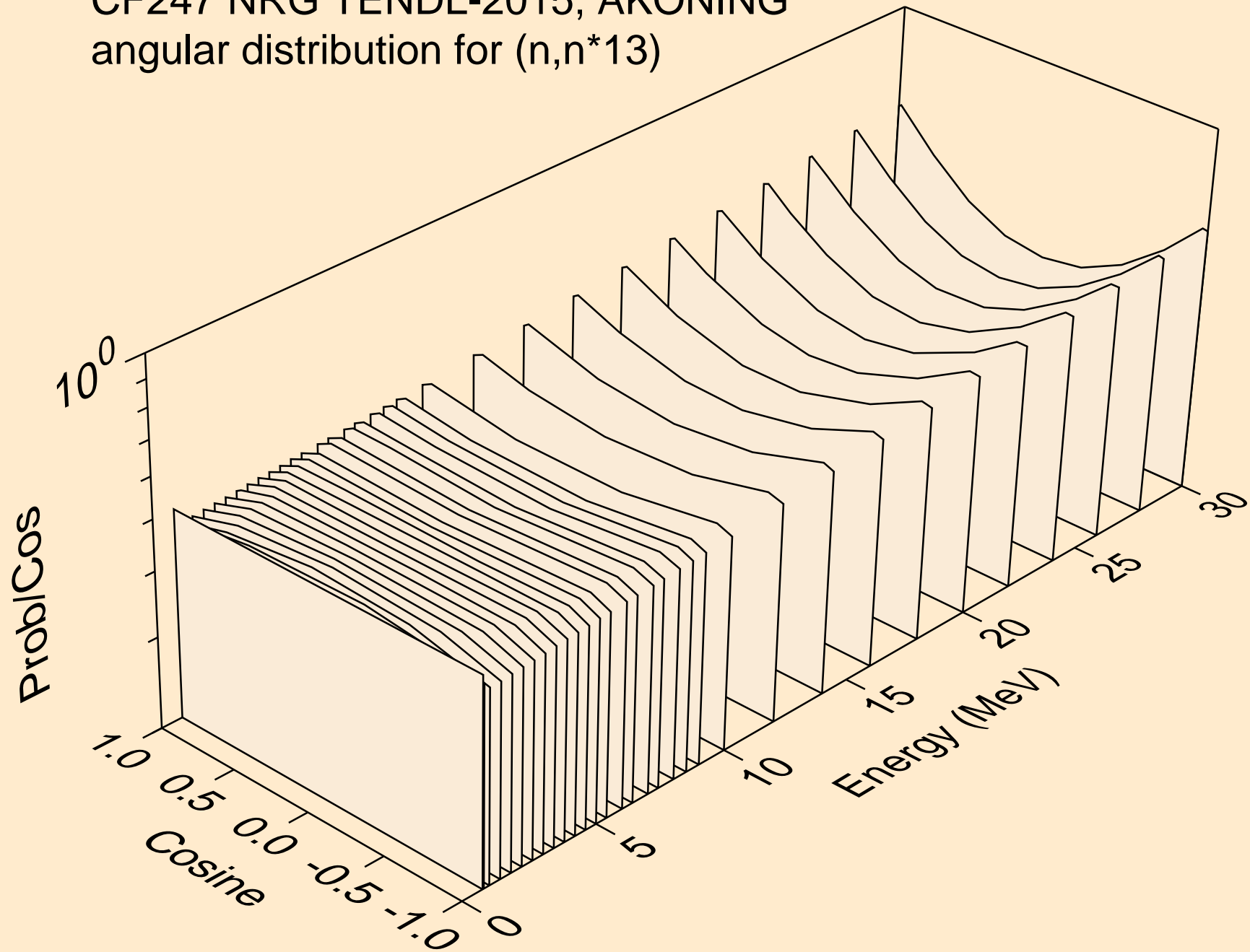


CF247 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)

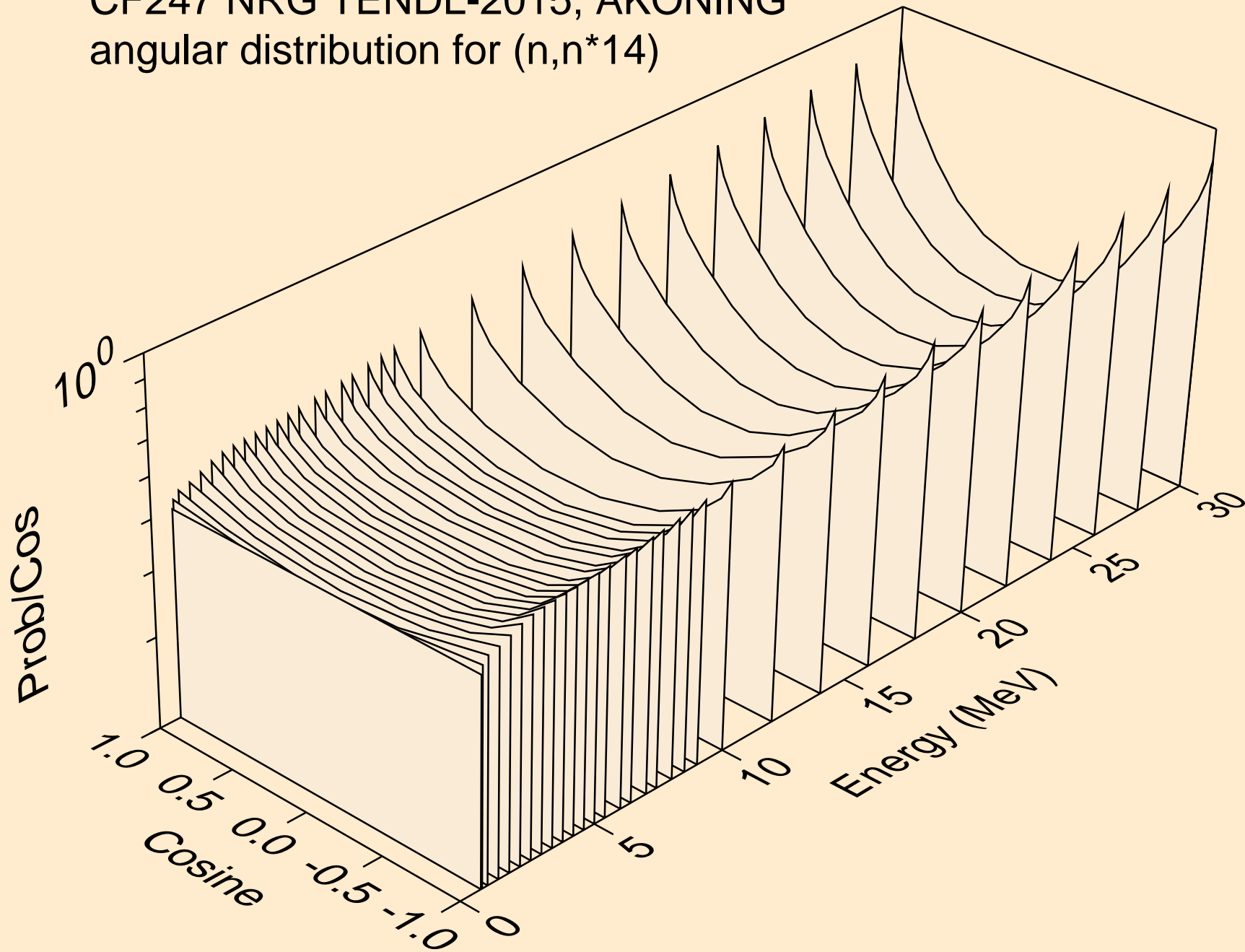




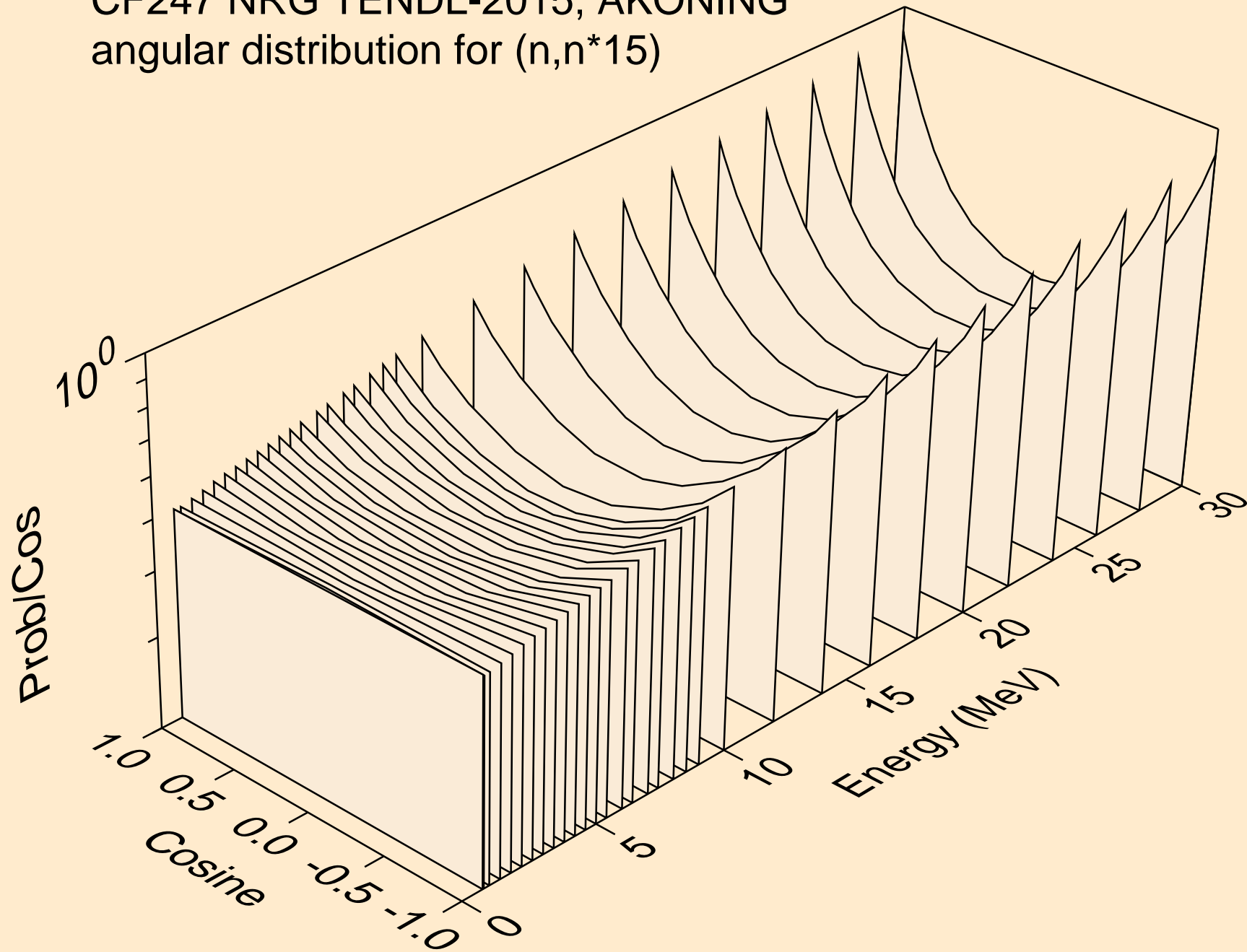
CF247 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



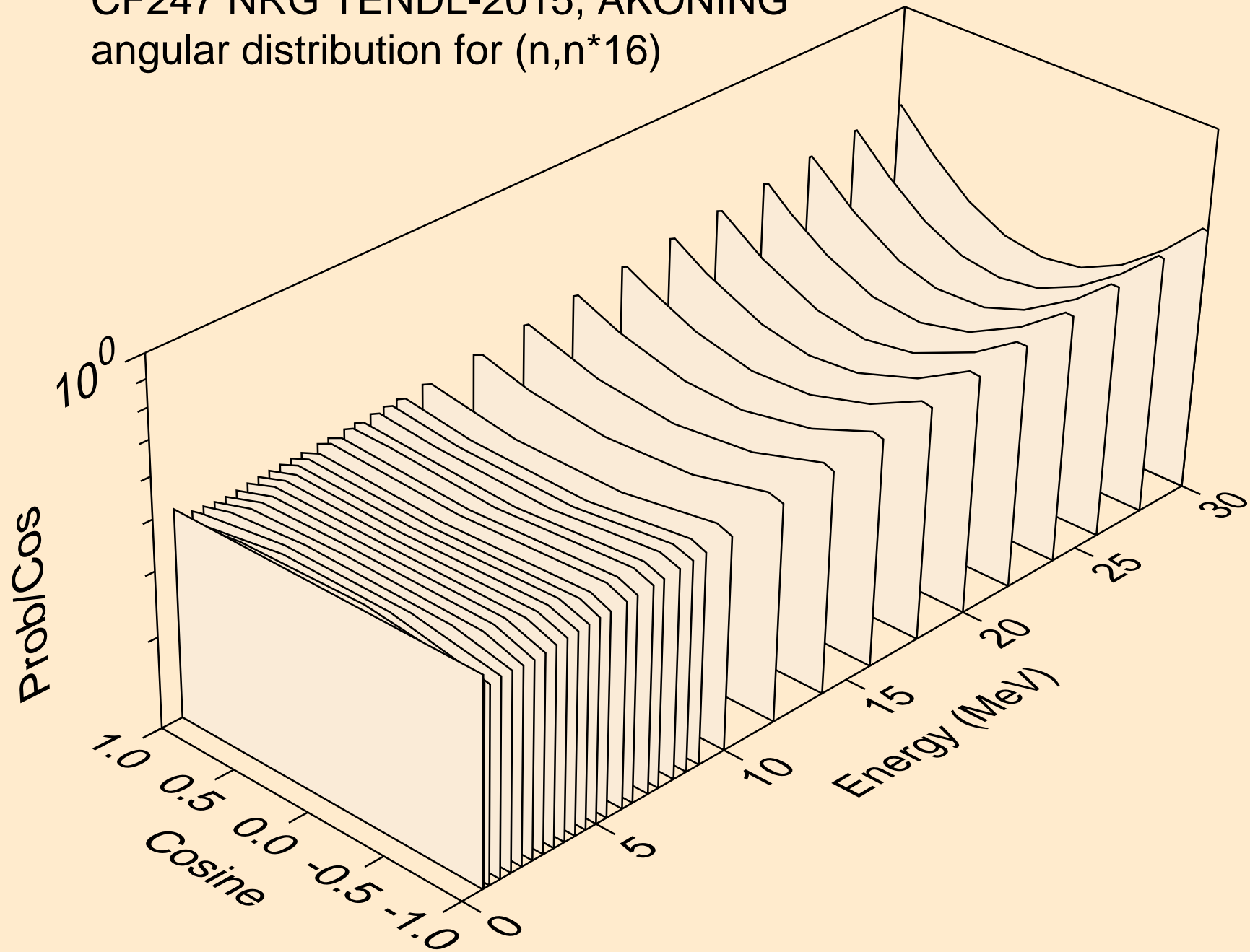
CF247 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



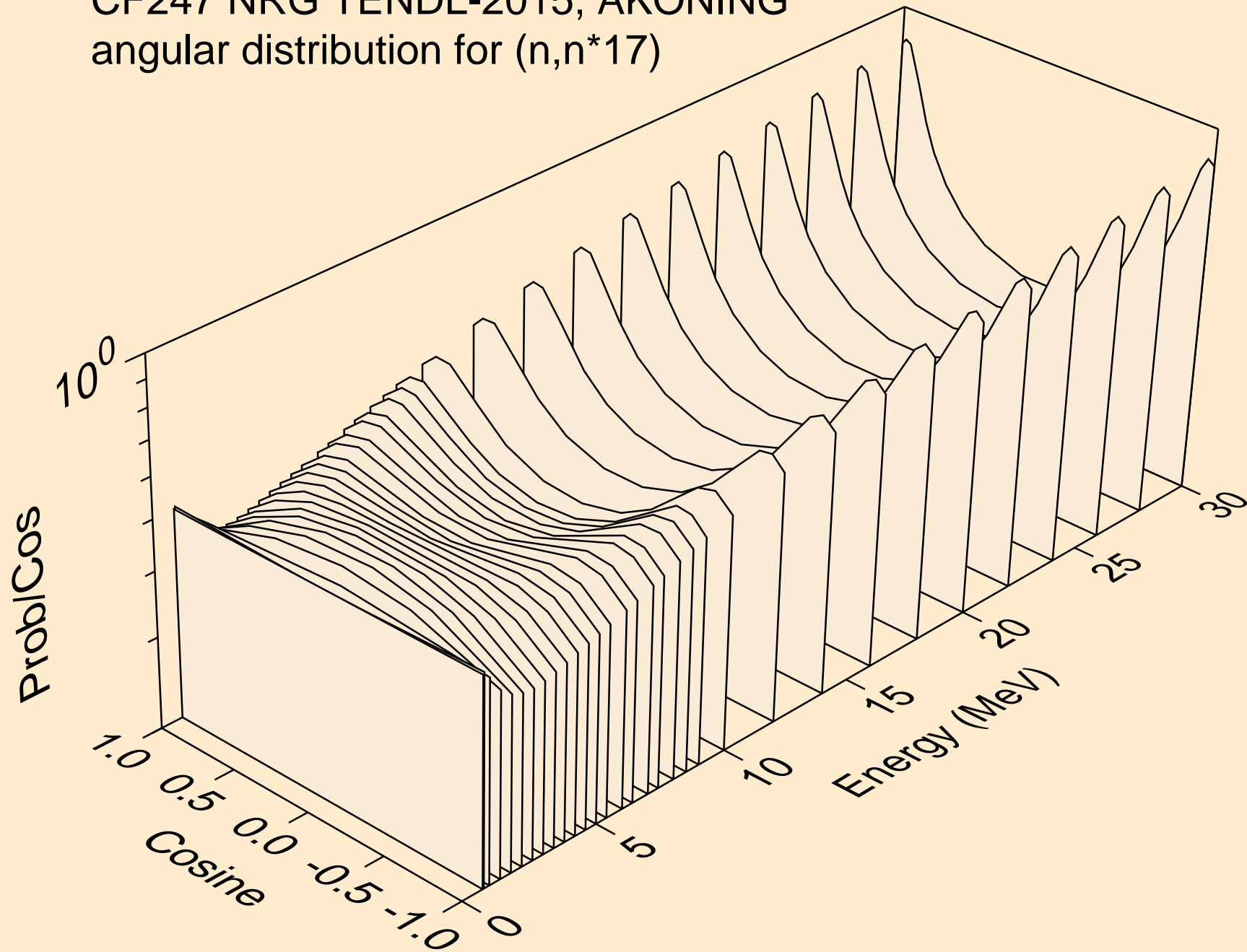
CF247 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



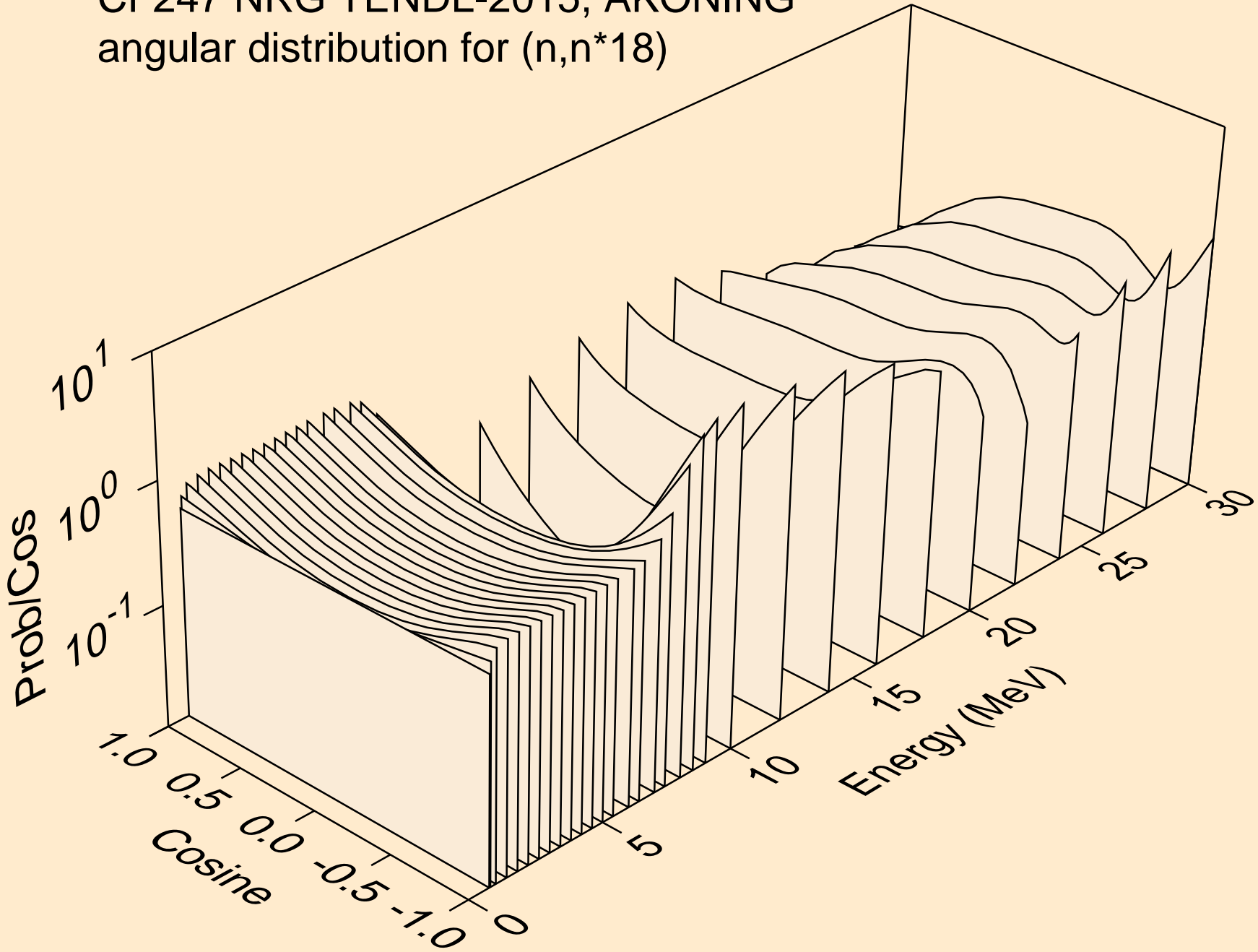
CF247 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



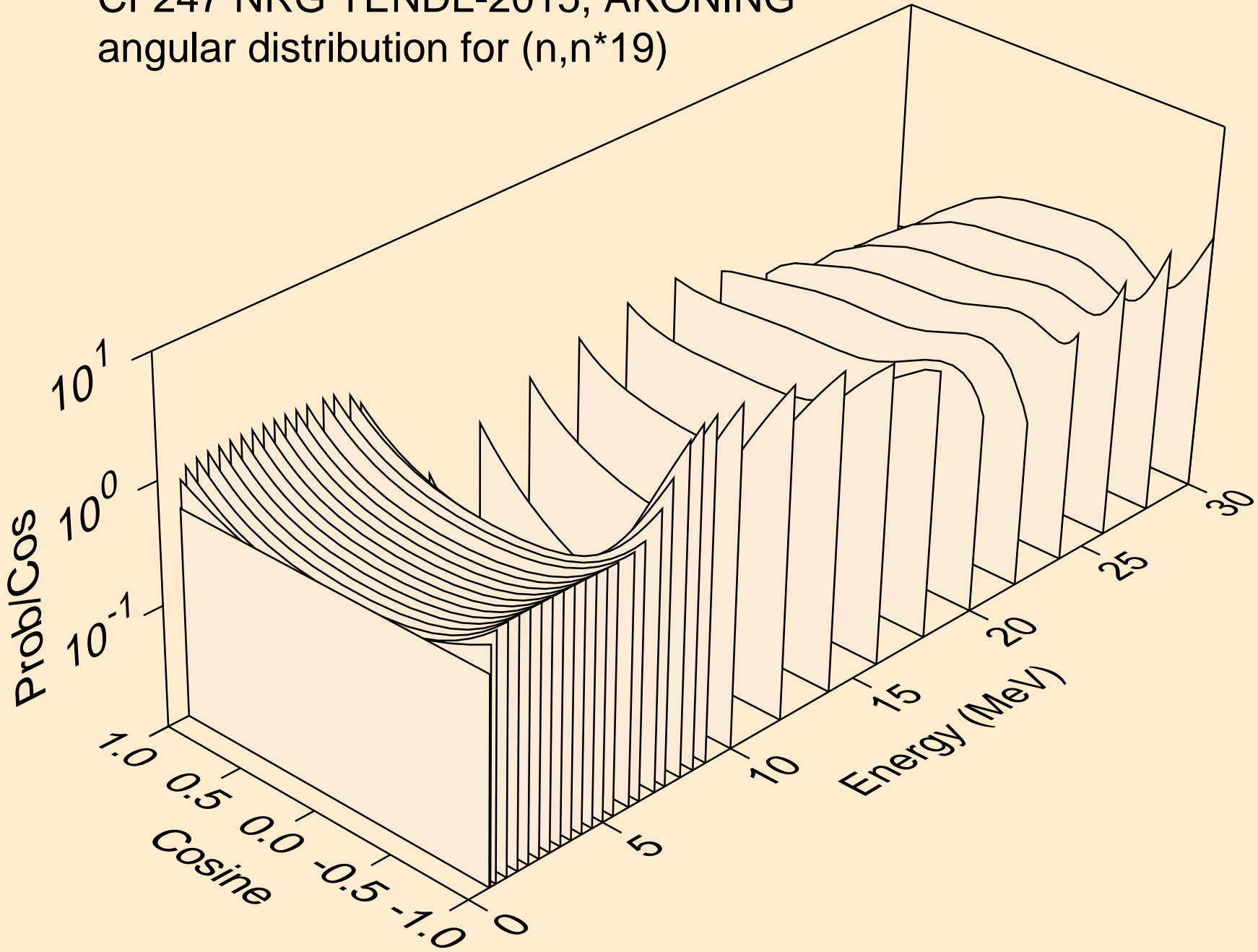
CF247 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



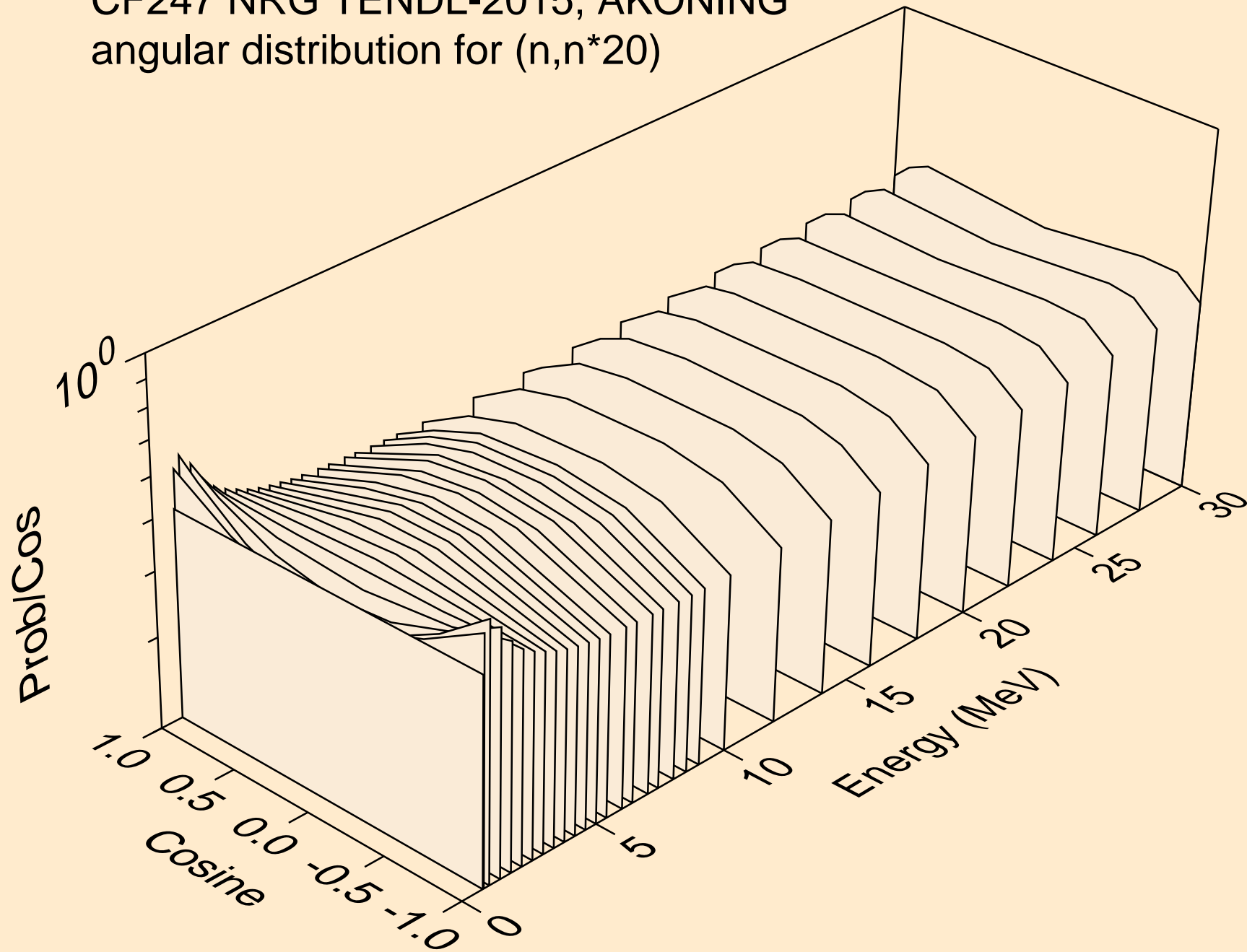
CF247 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



CF247 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)

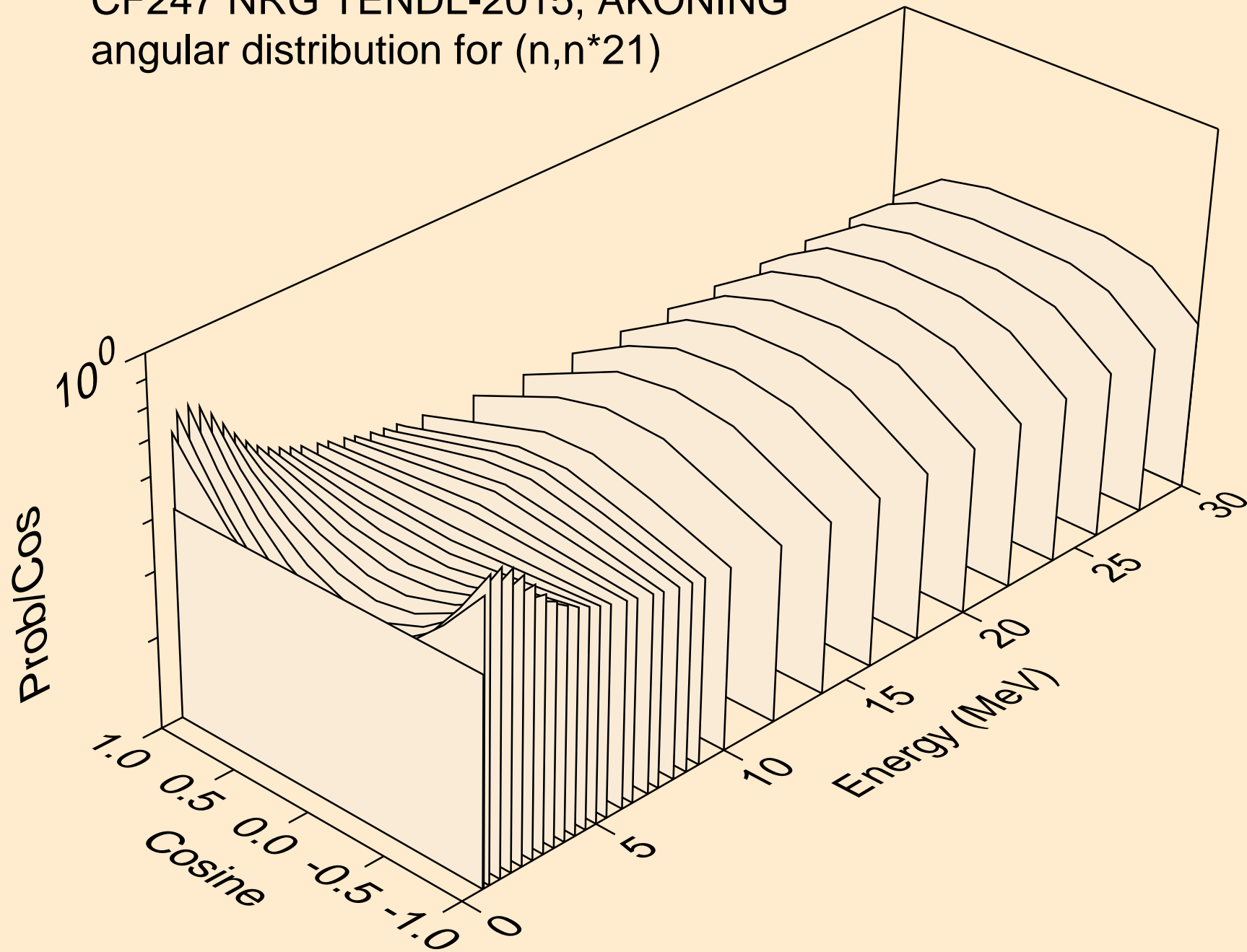


CF247 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)

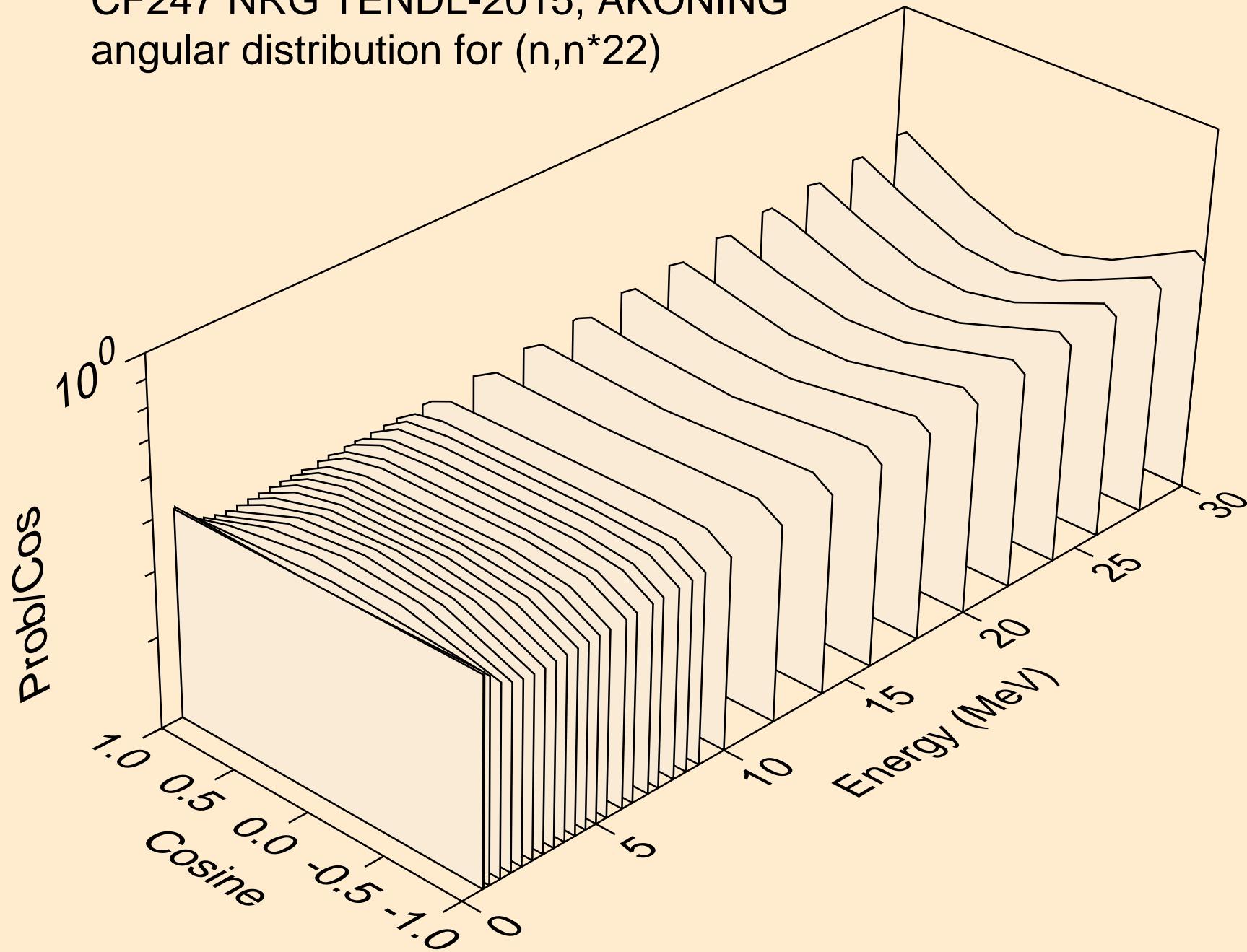




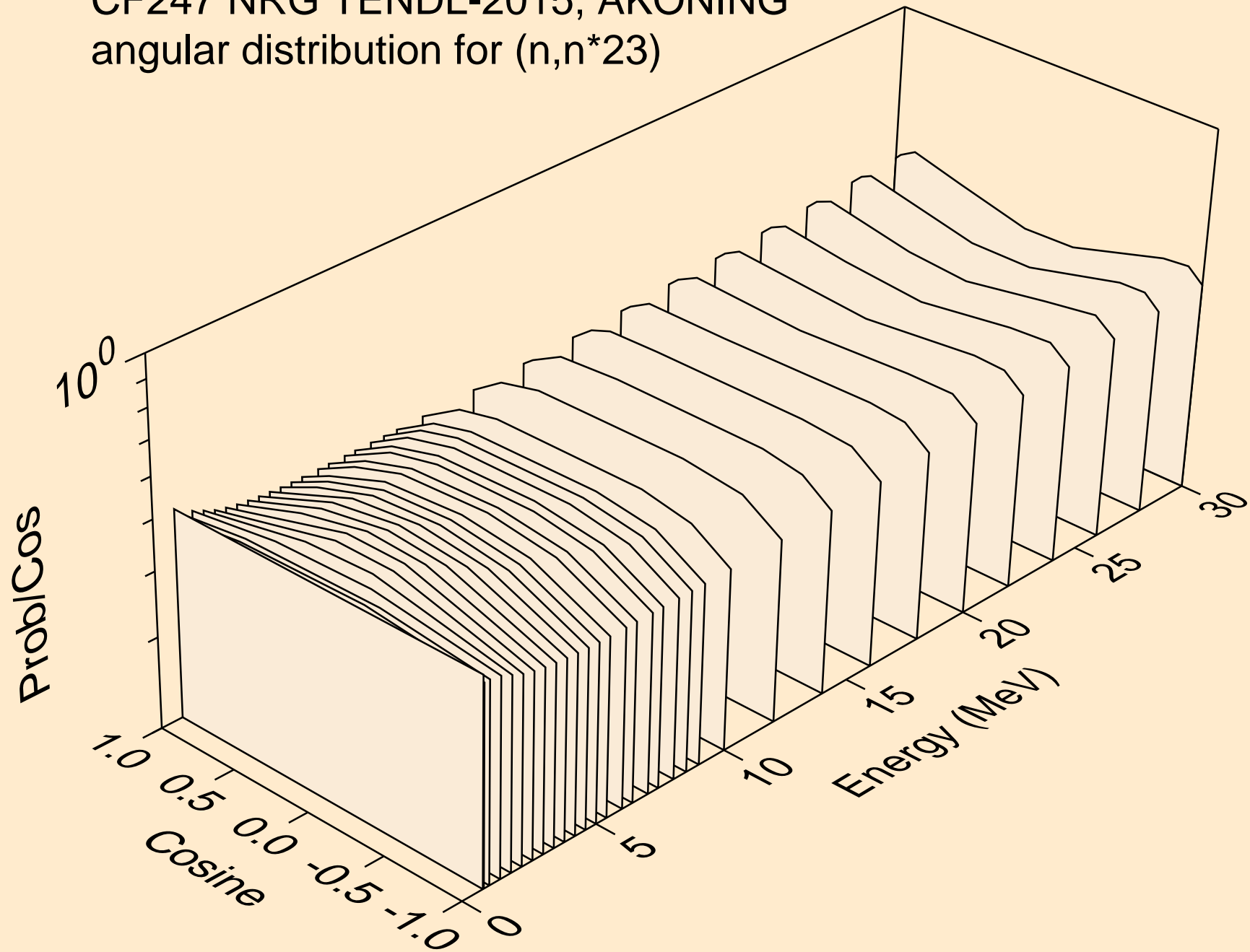
CF247 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



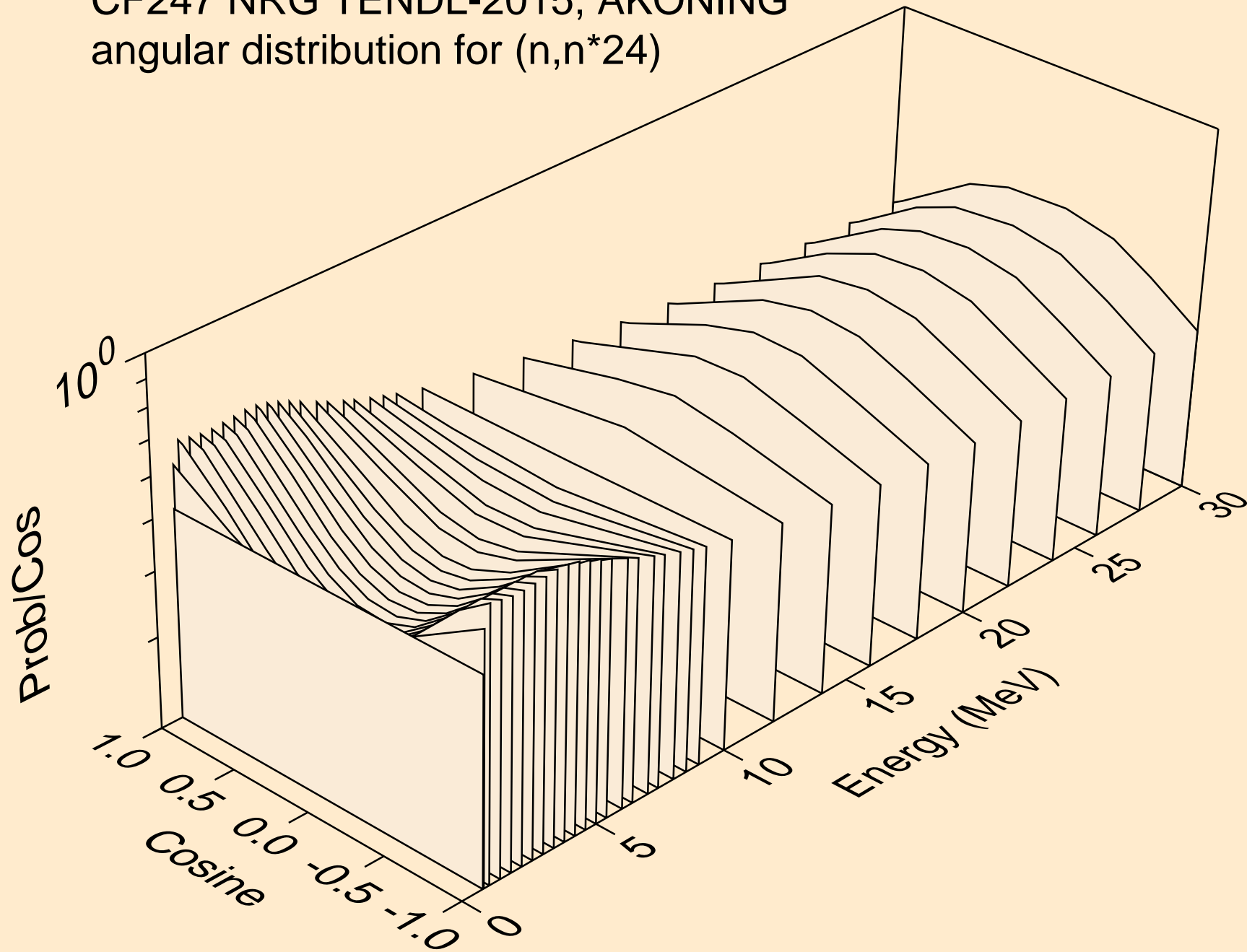
CF247 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



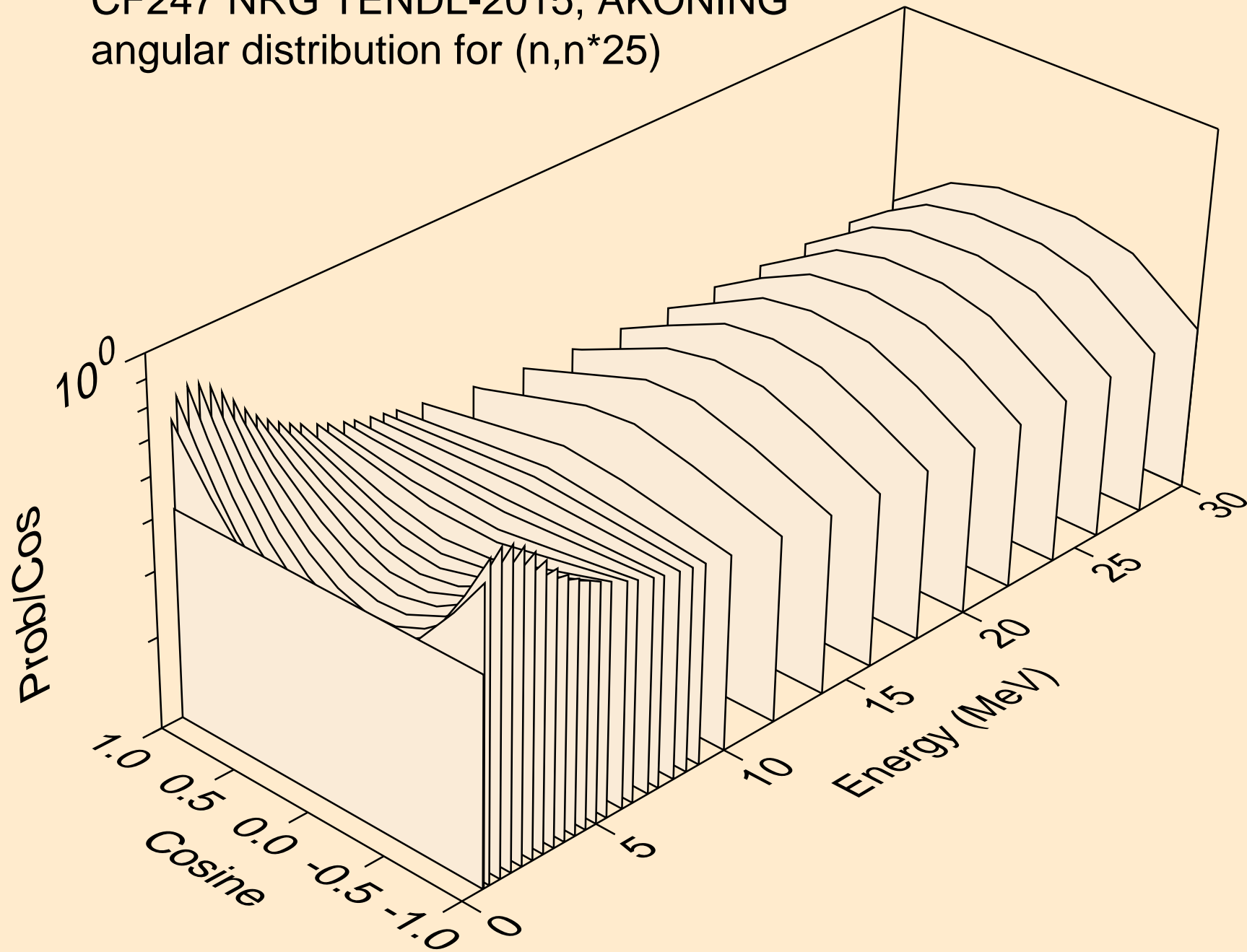
CF247 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



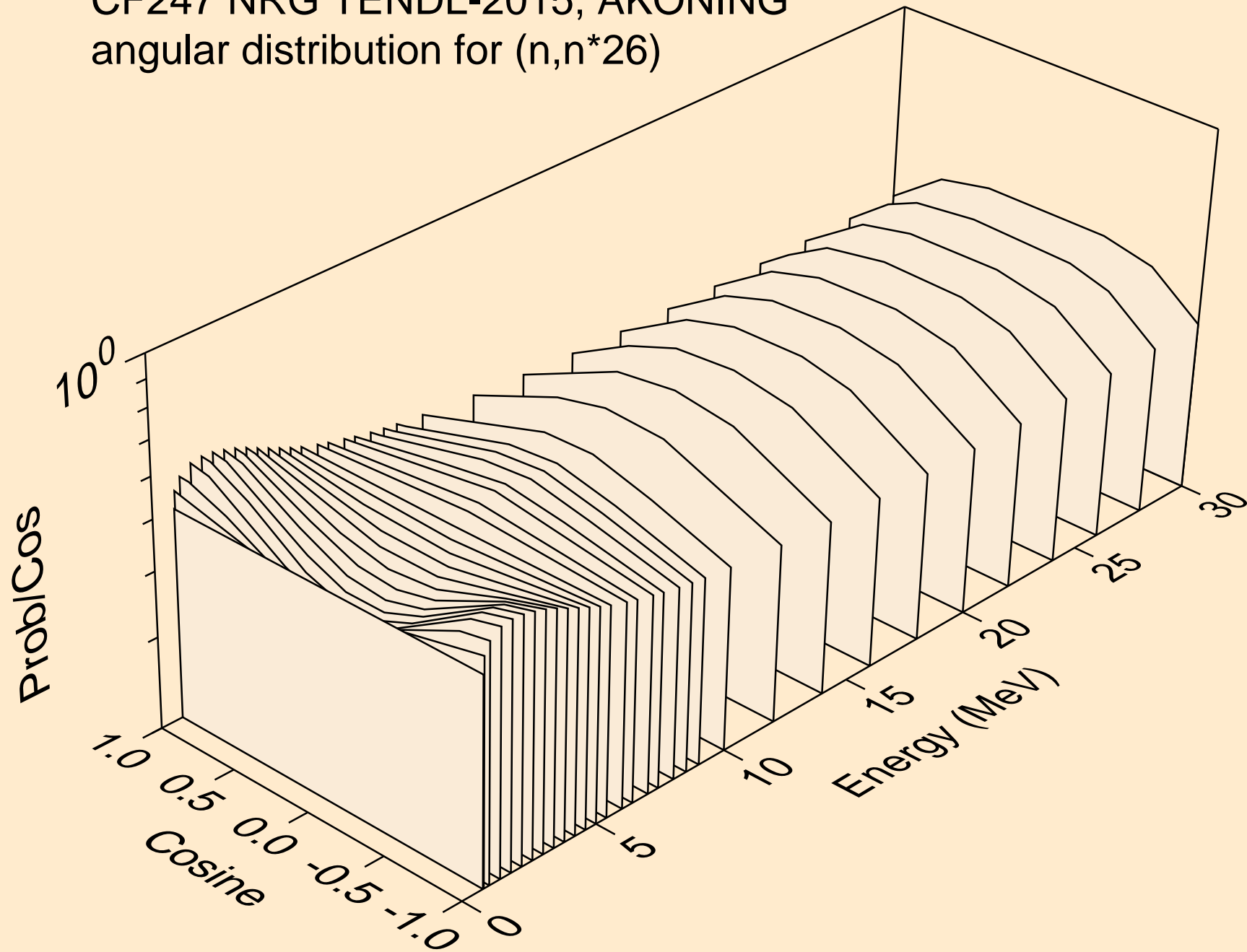
CF247 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



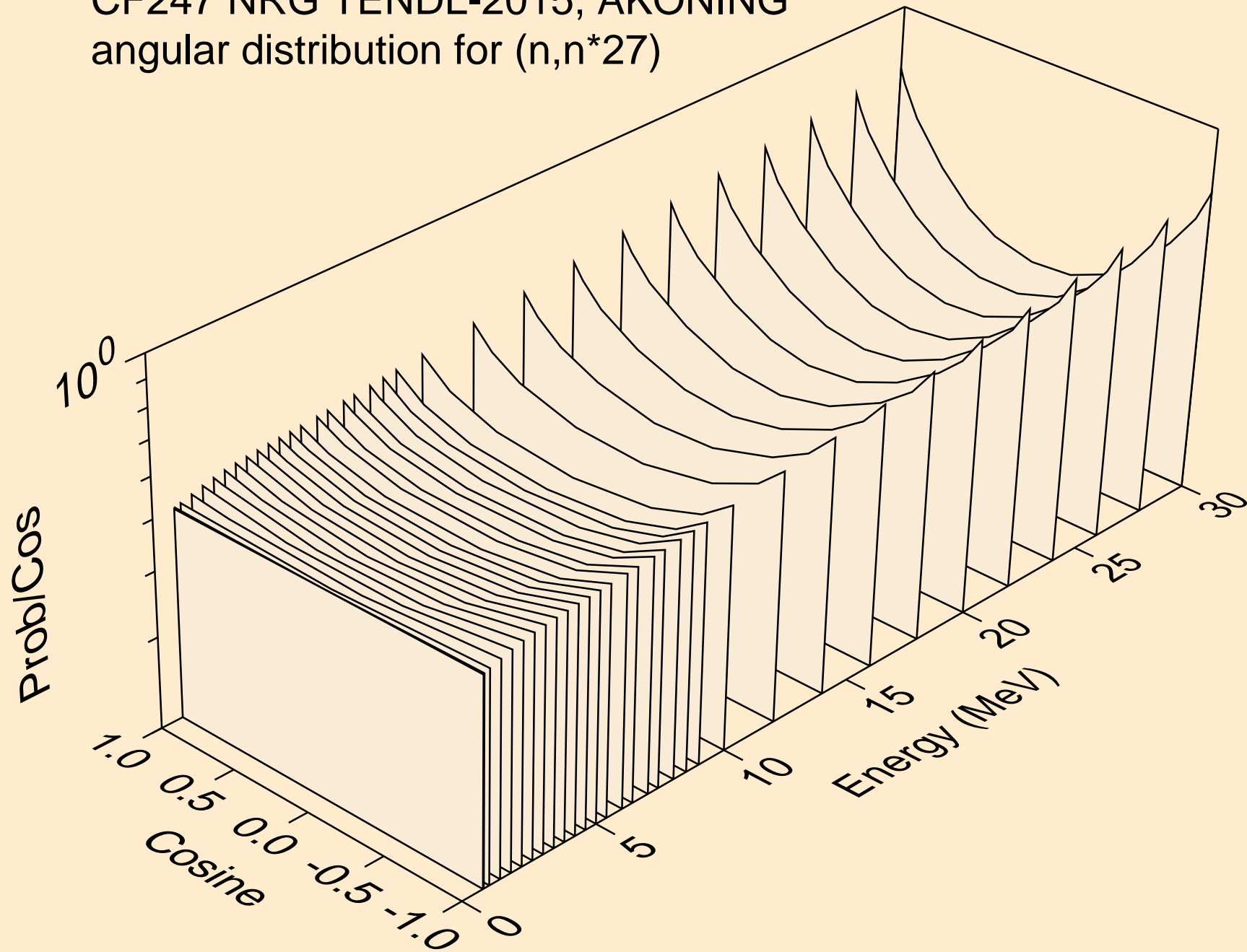
CF247 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



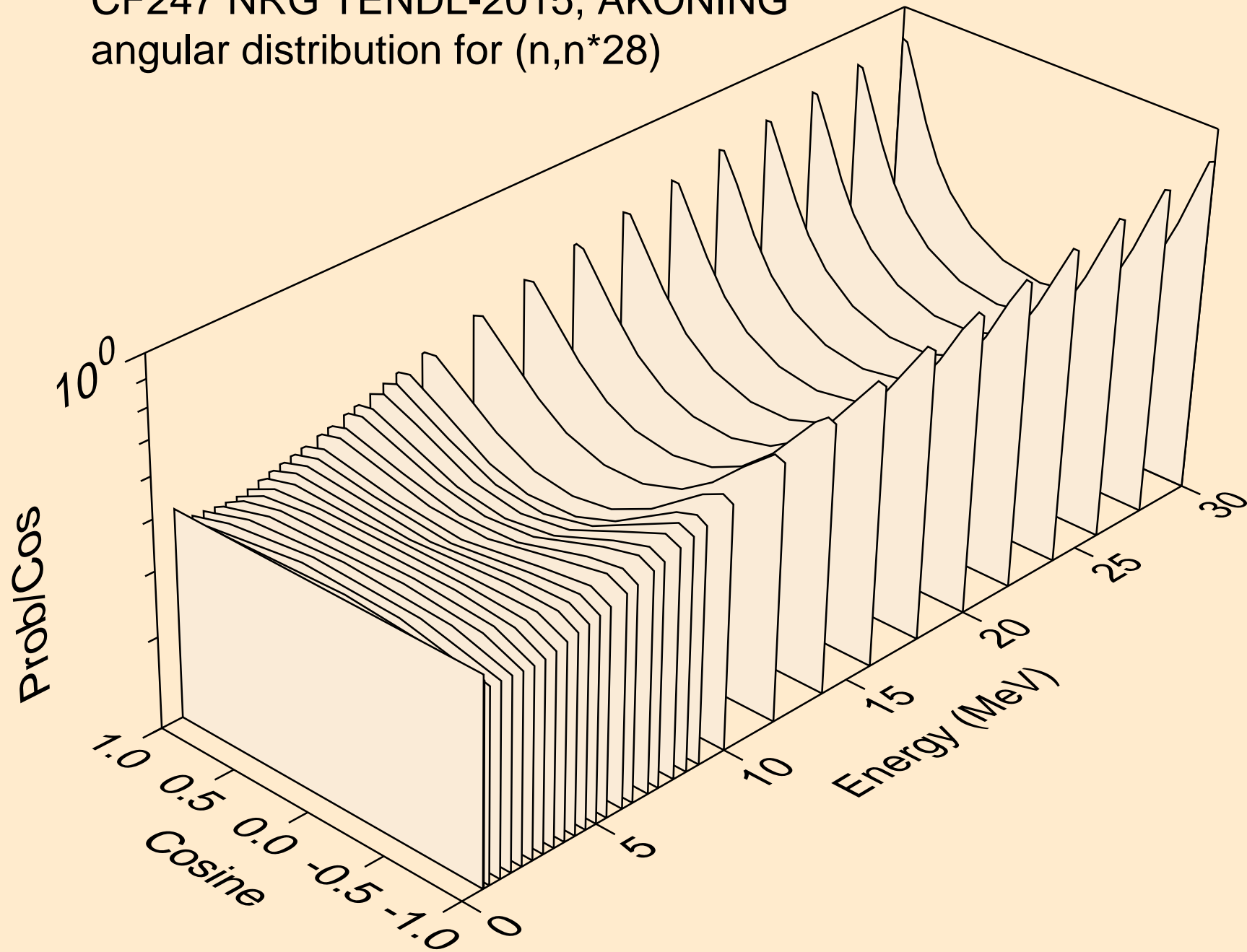
CF247 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



CF247 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)

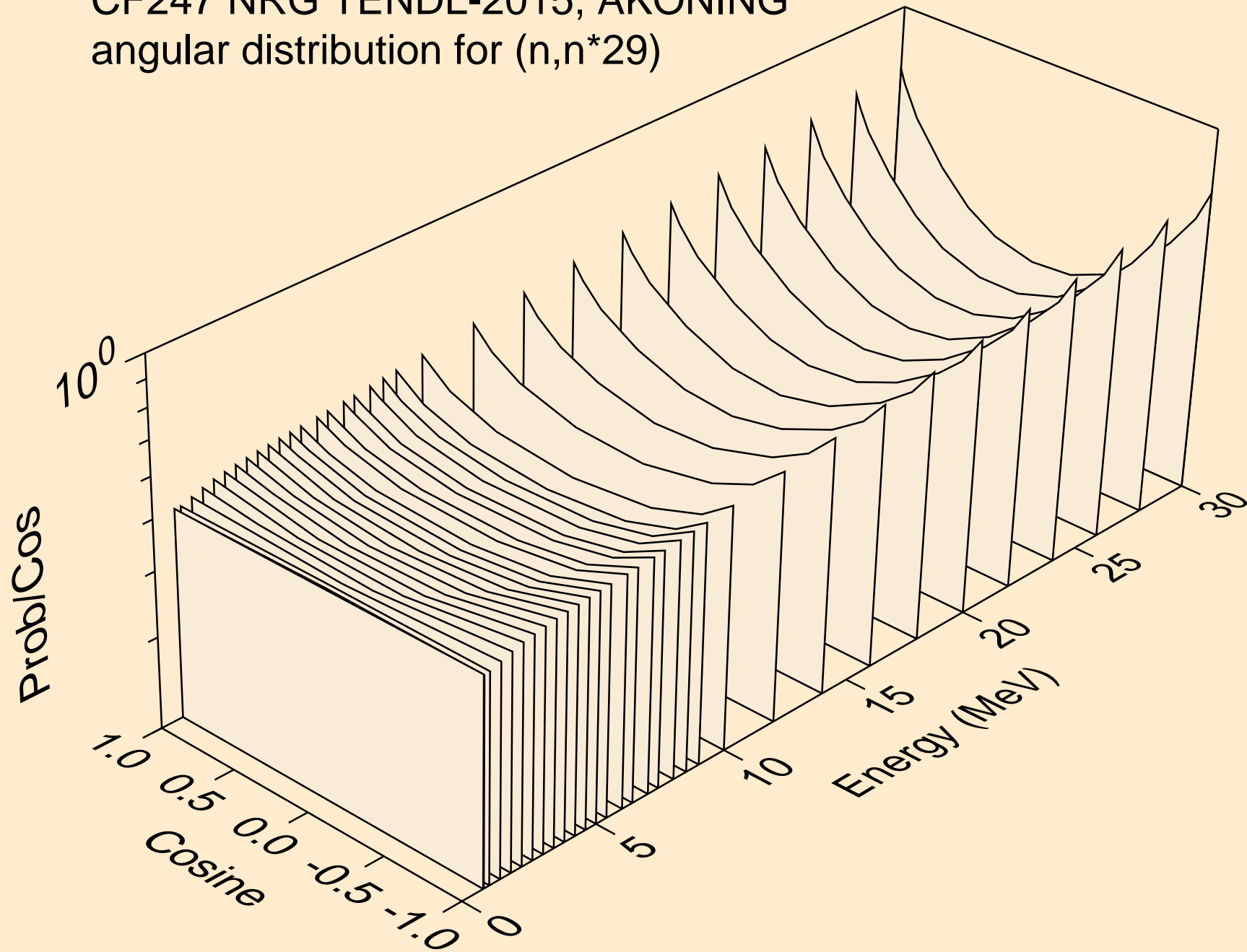


CF247 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



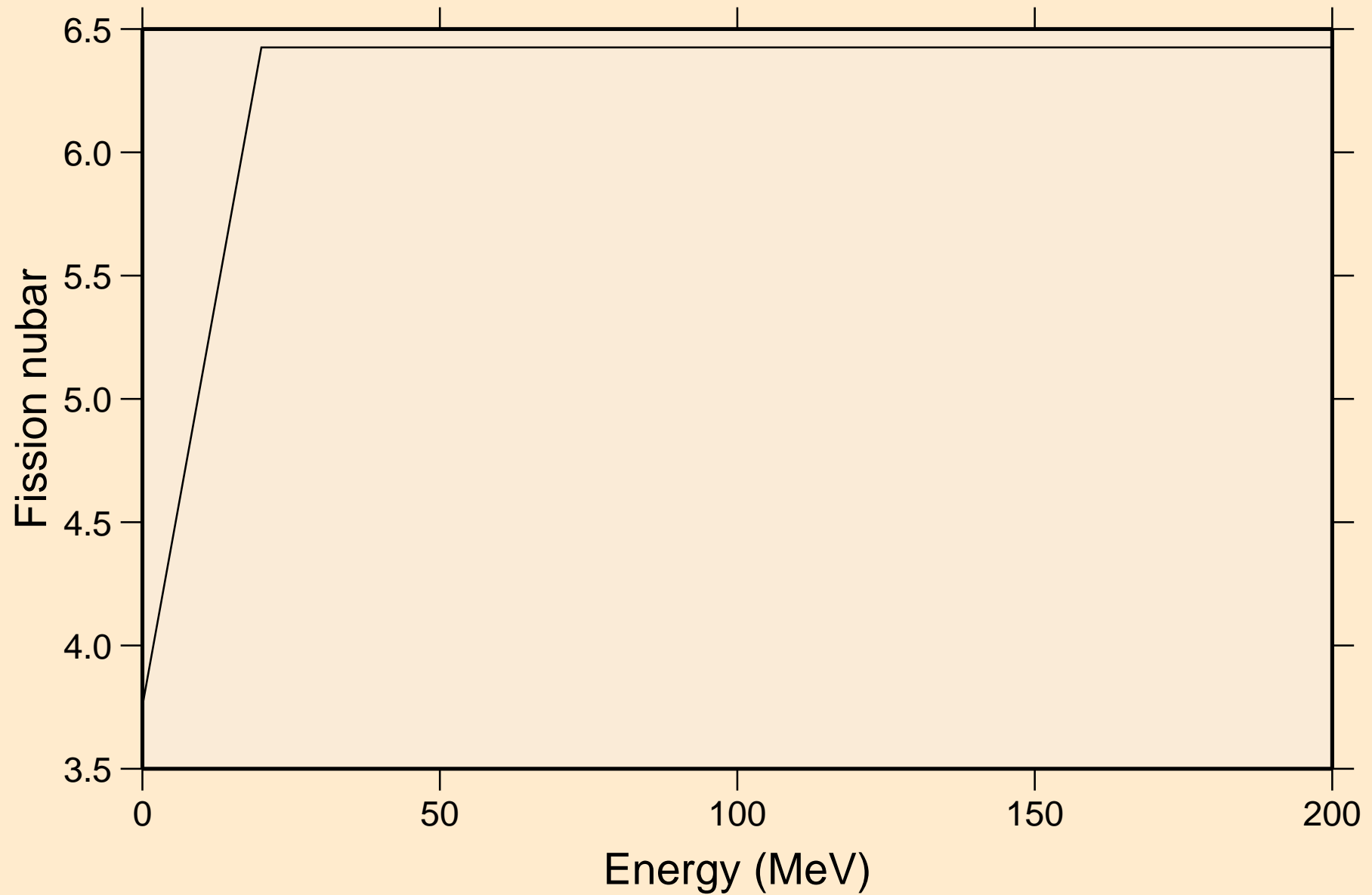


CF247 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)

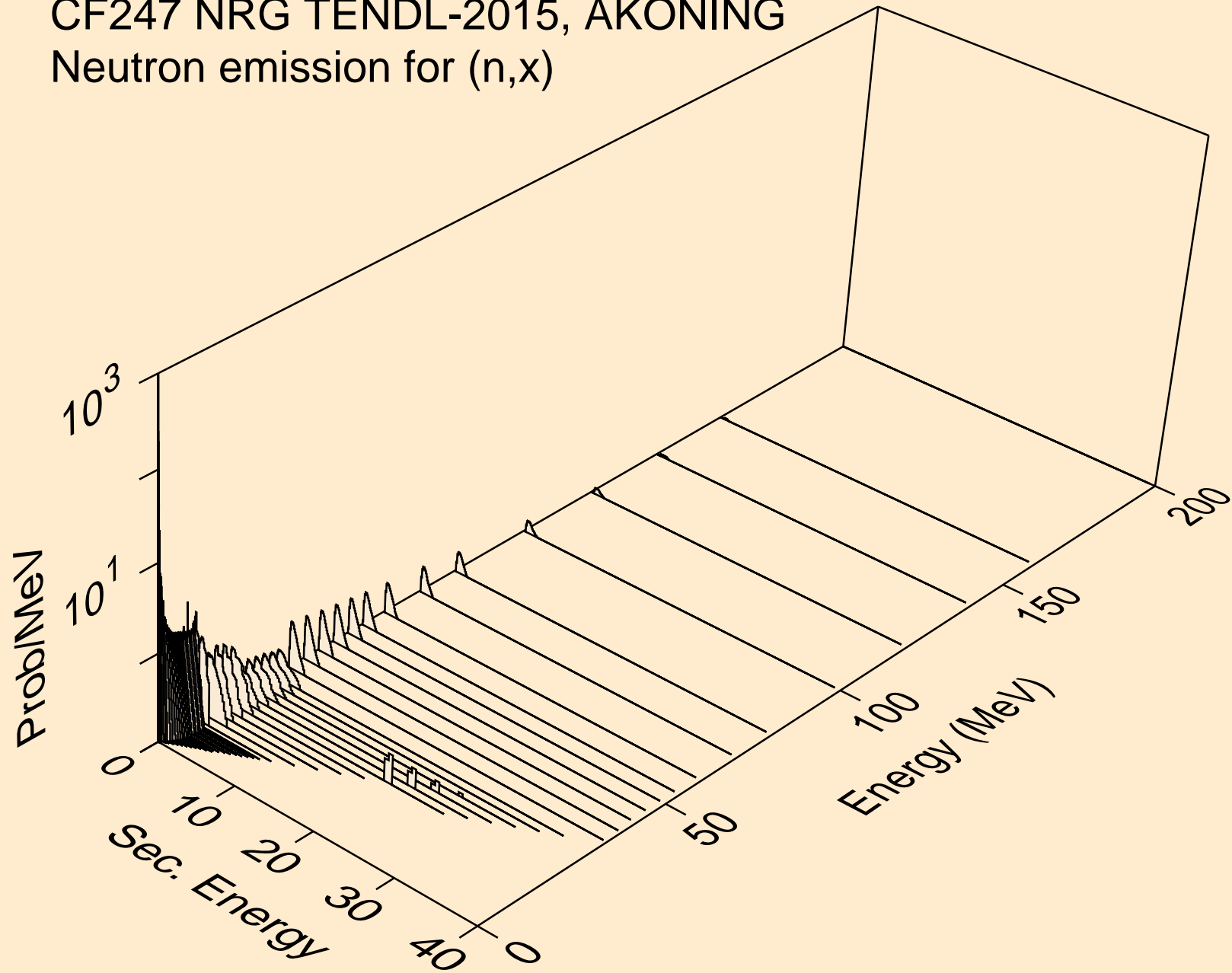


# CF247 NRG TENDL-2015, AKONING

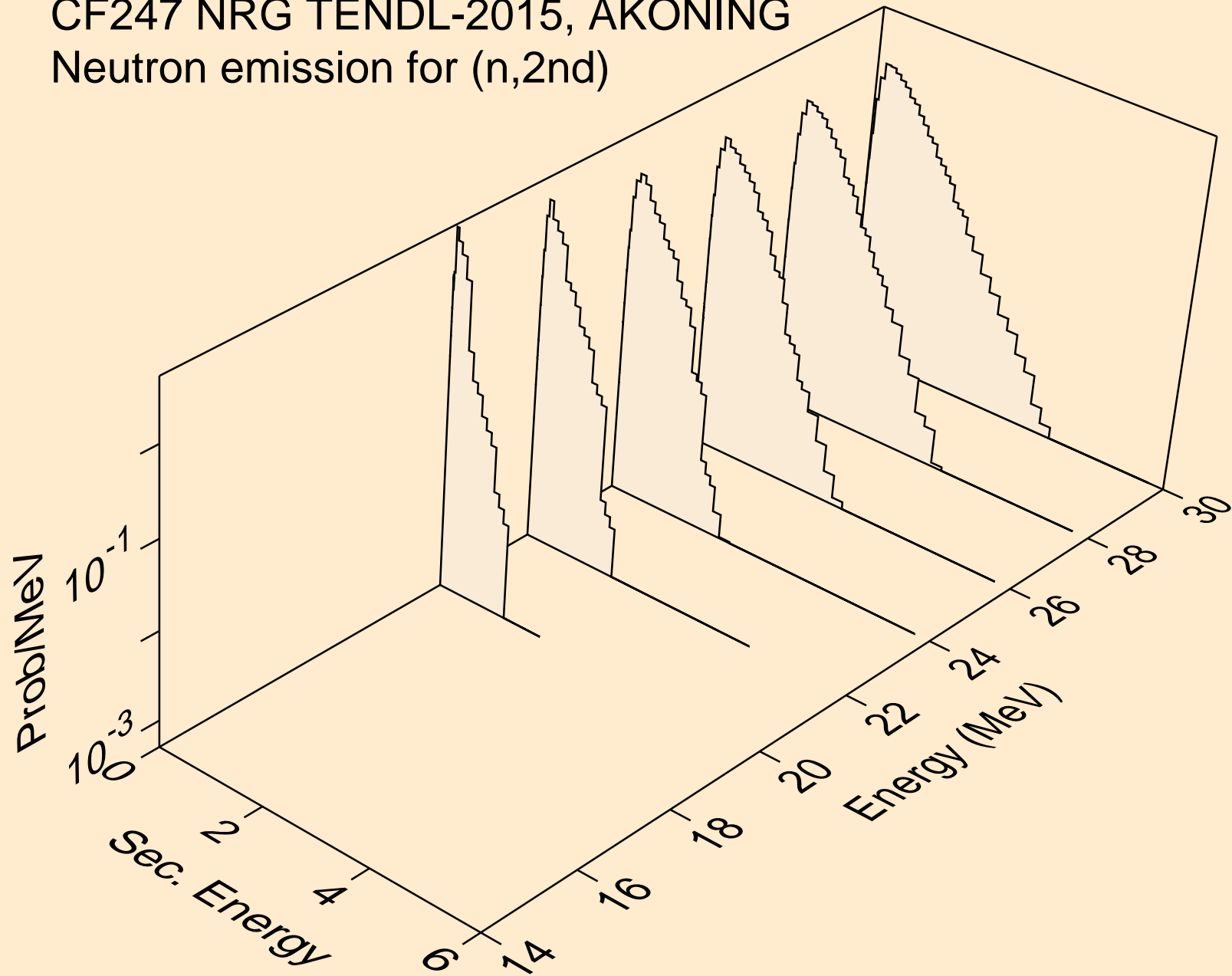
Total fission nubar



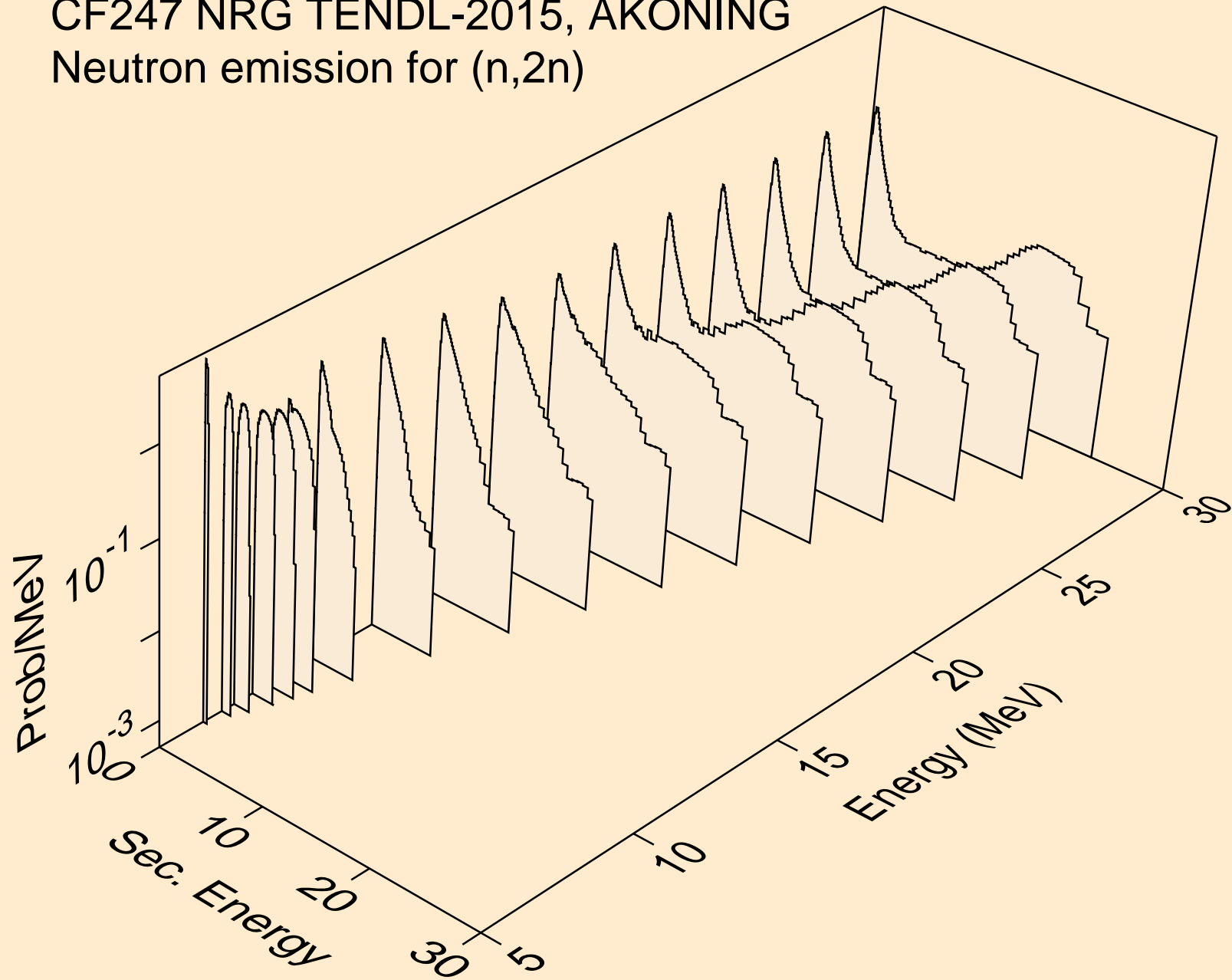
CF247 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



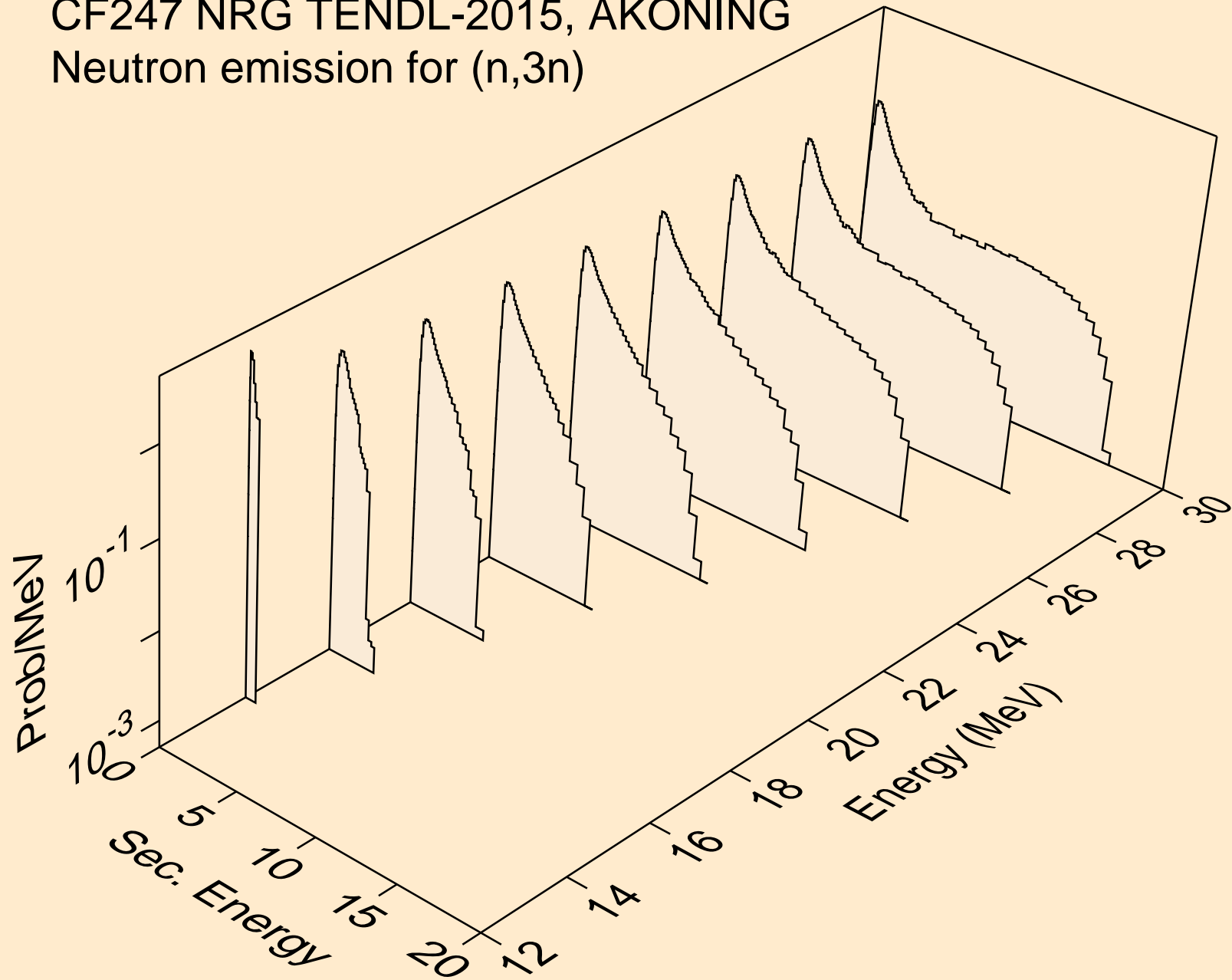
CF247 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



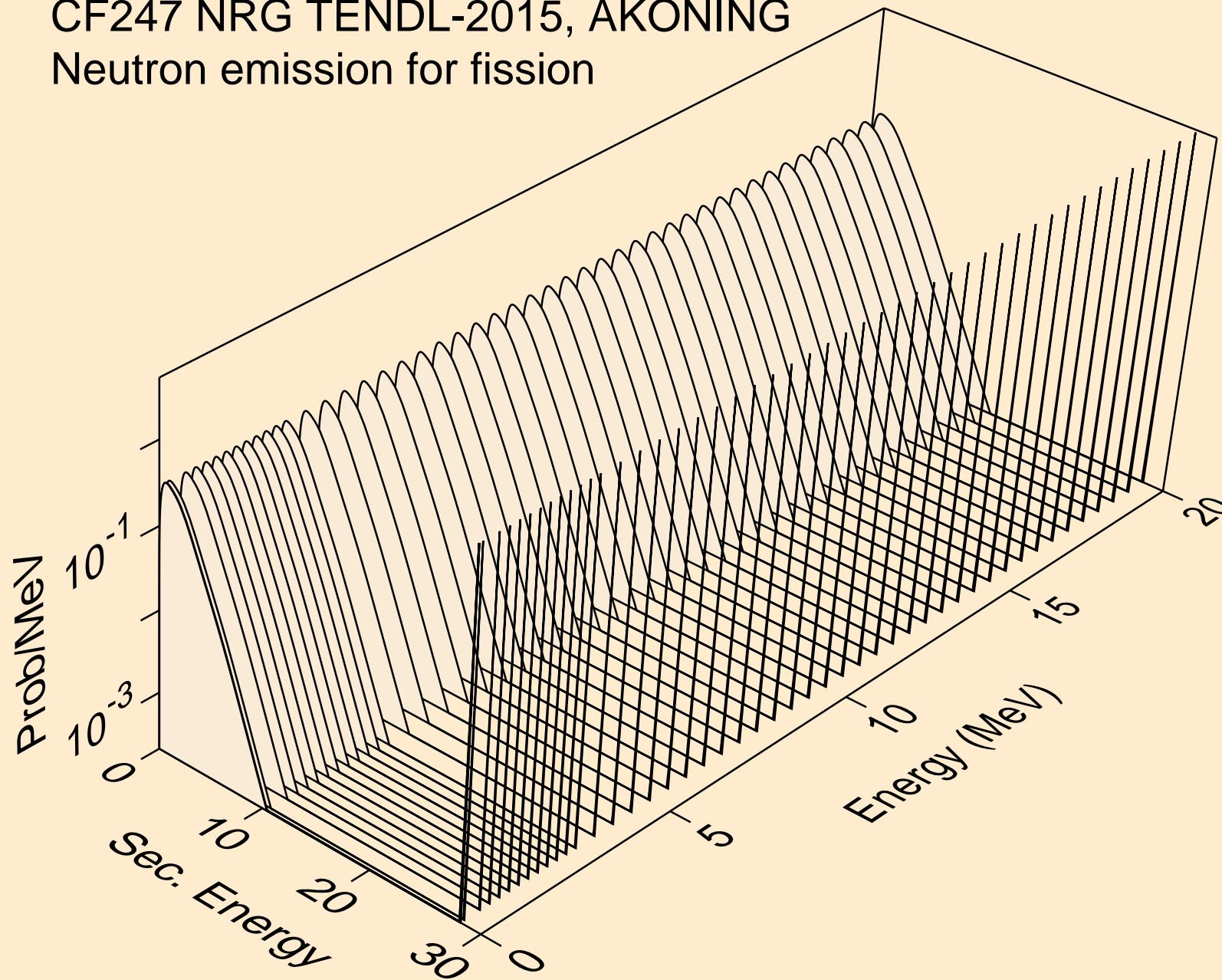
CF247 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



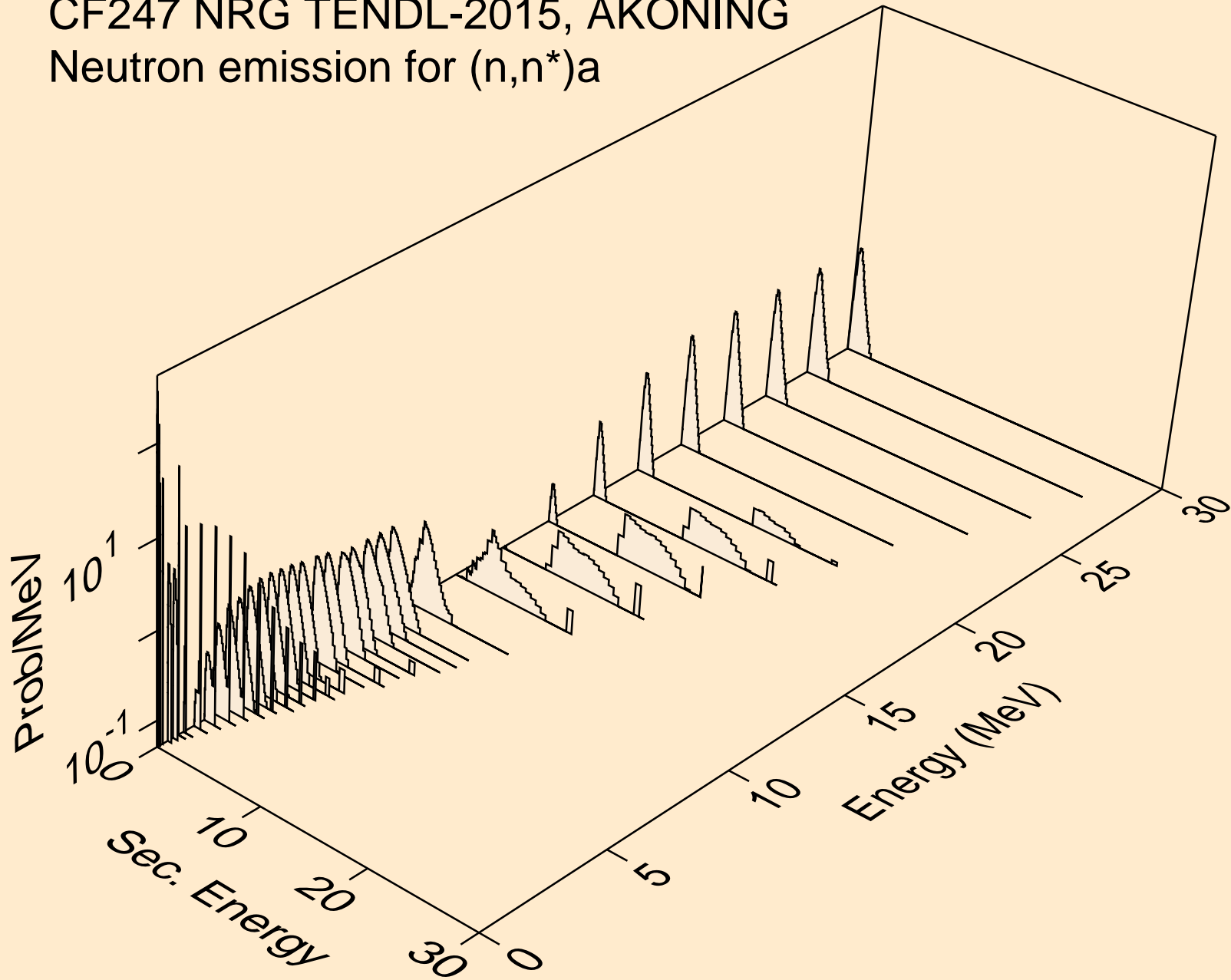
CF247 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



CF247 NRG TENDL-2015, AKONING  
Neutron emission for fission

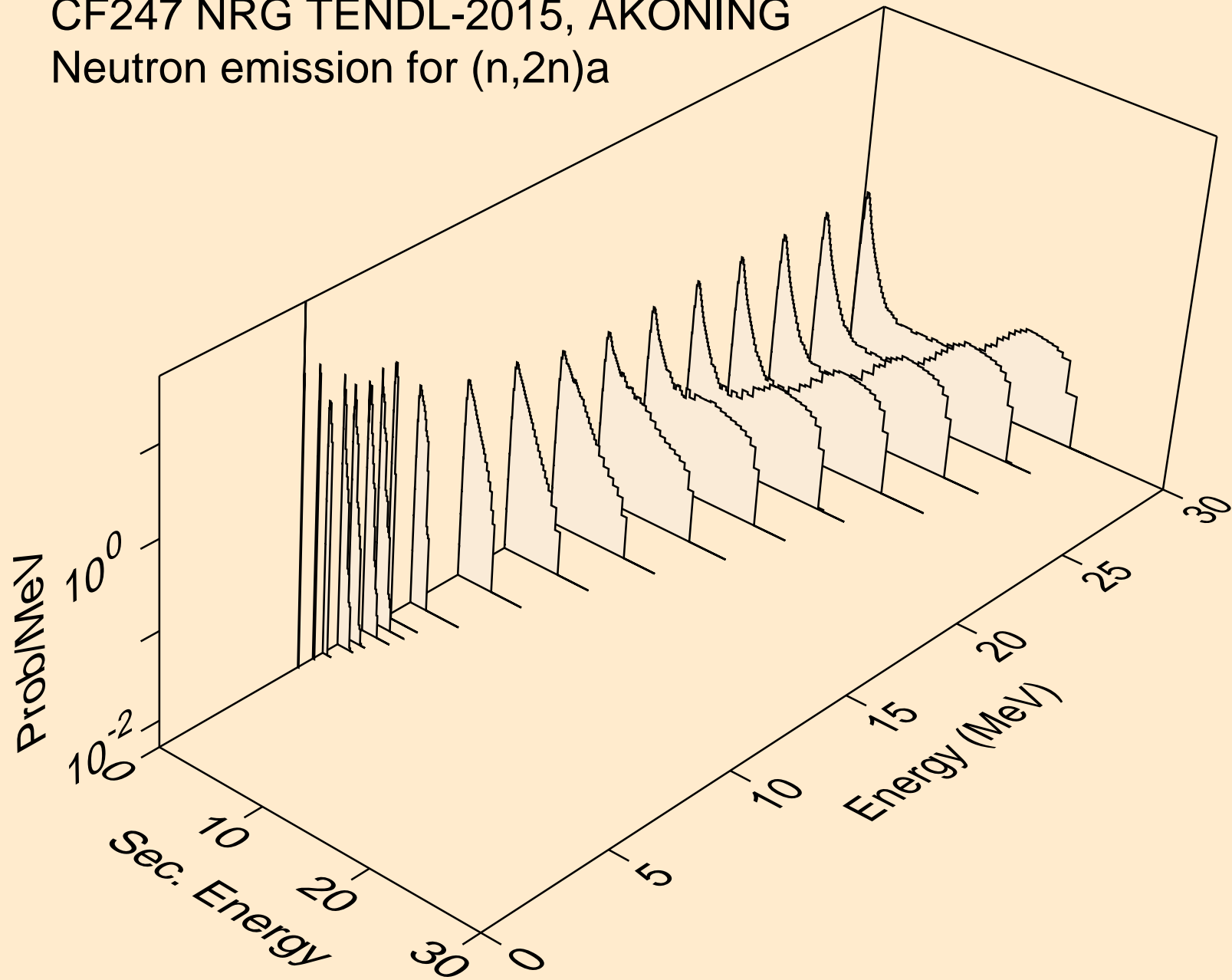


CF247 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a

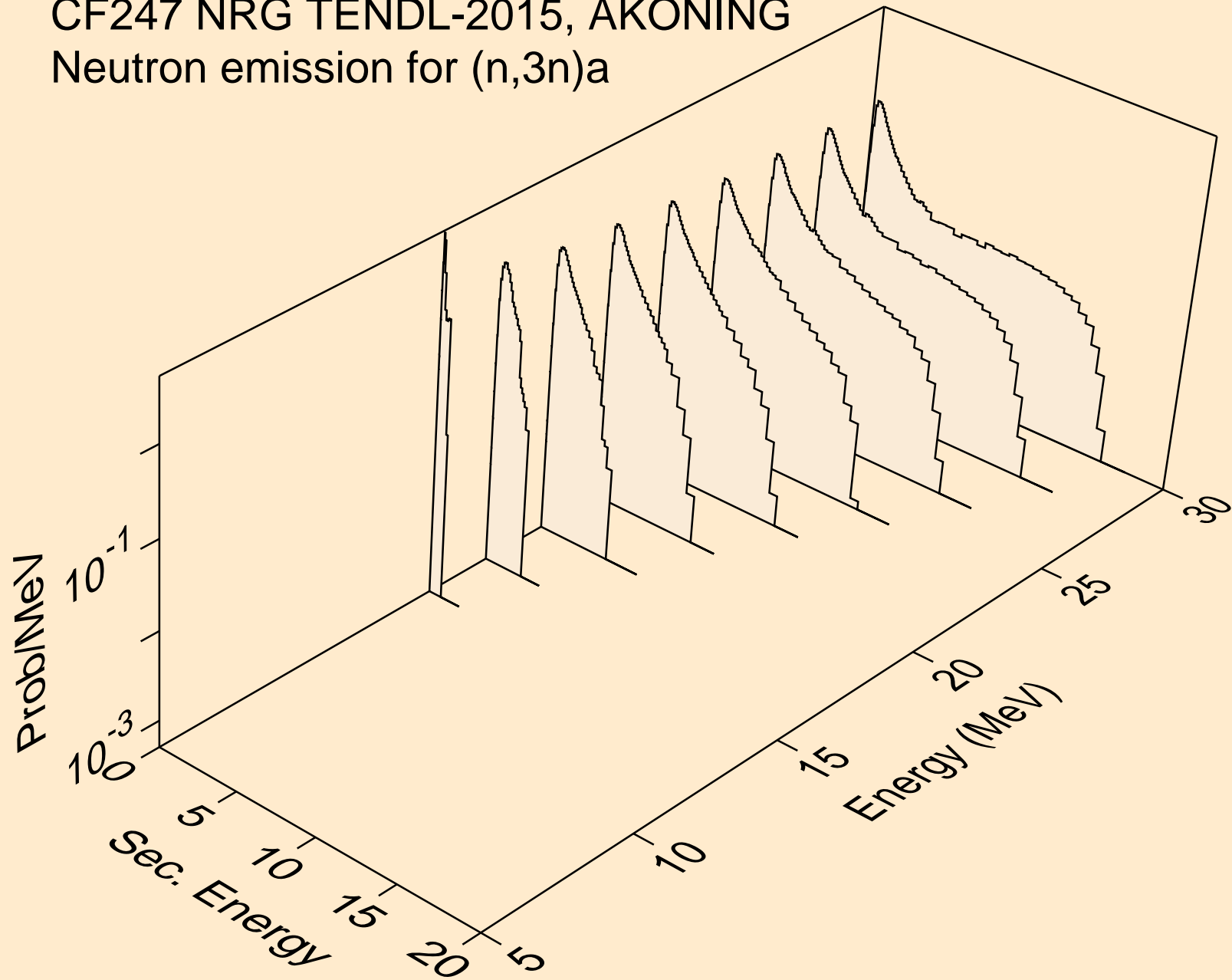




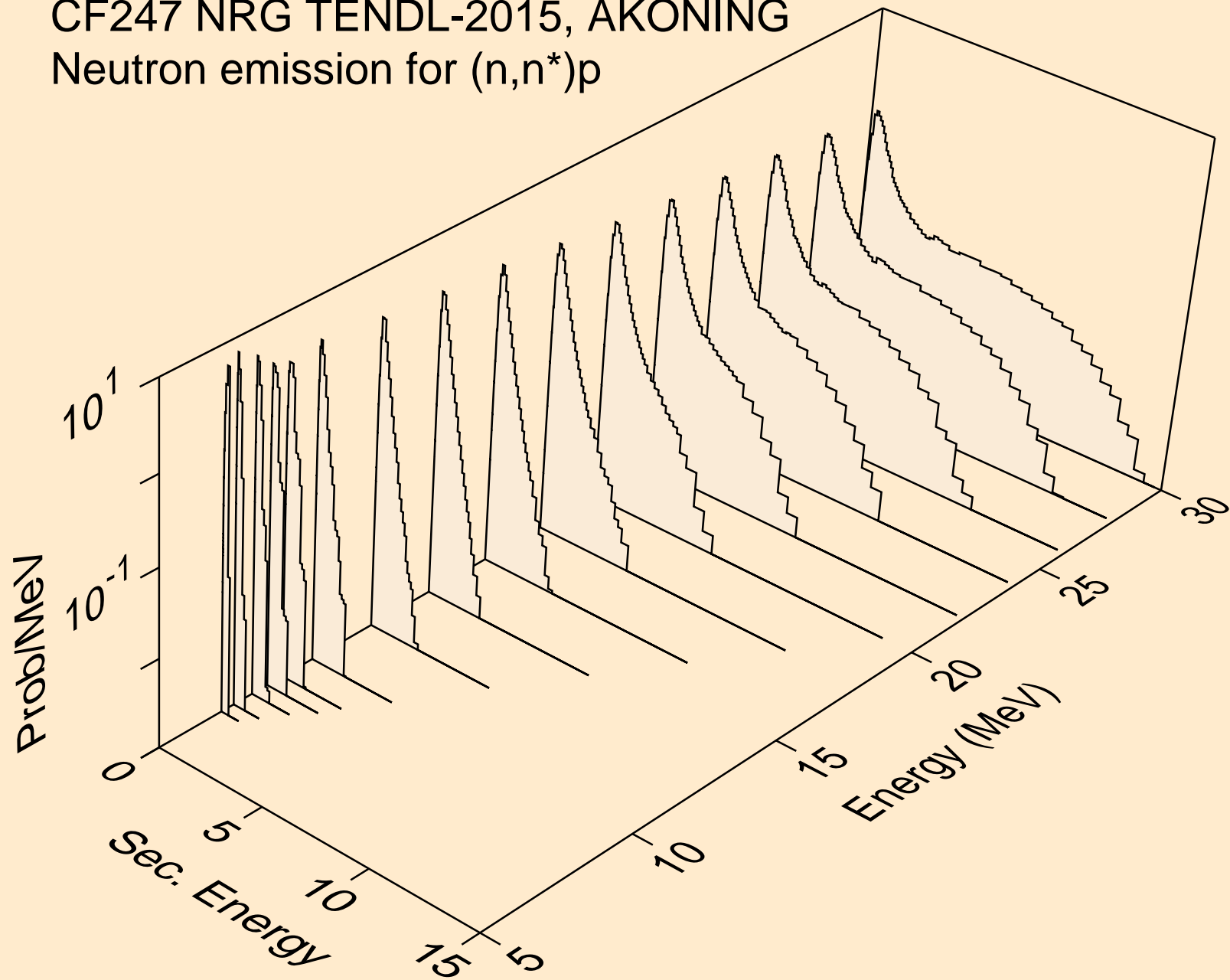
CF247 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



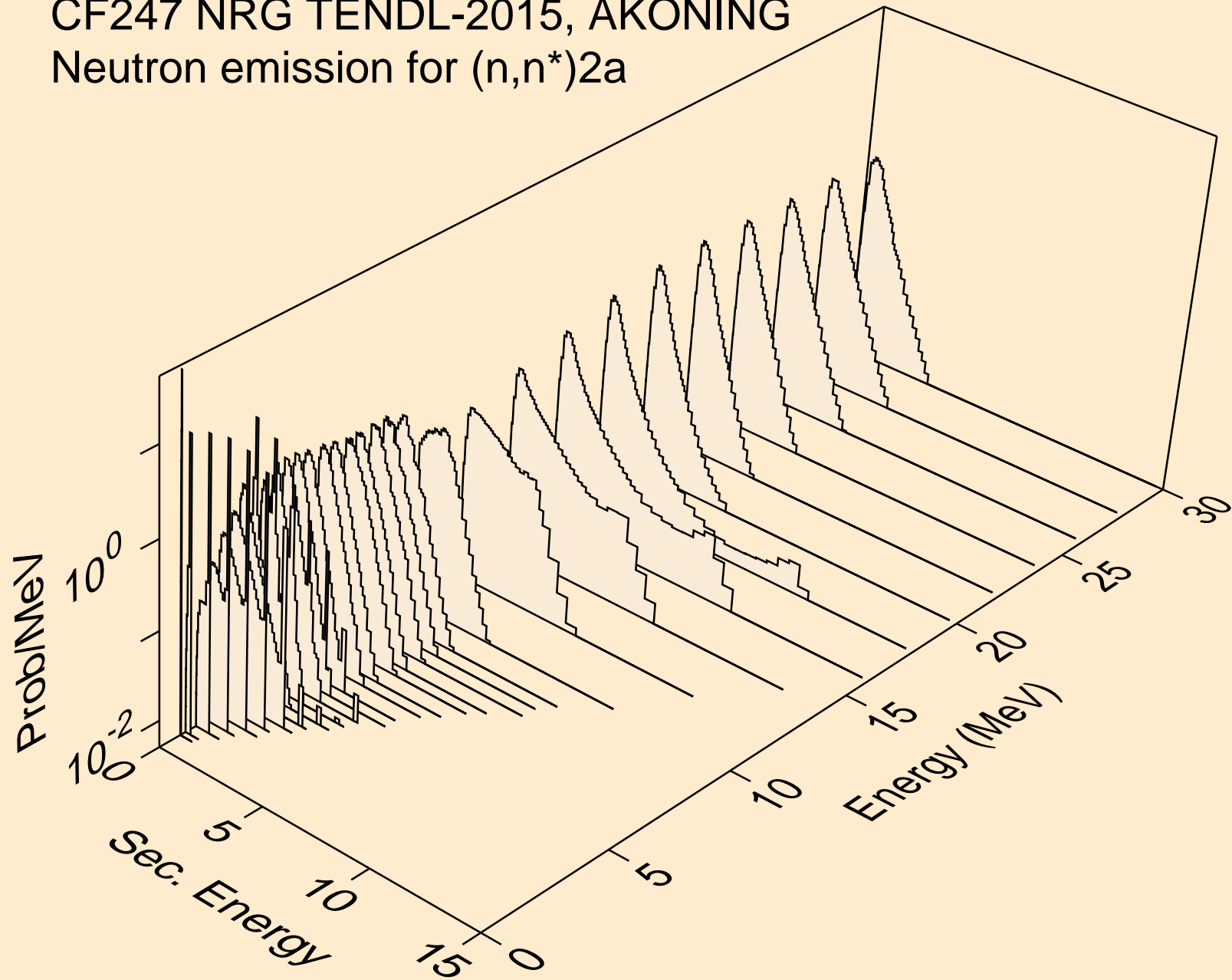
CF247 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



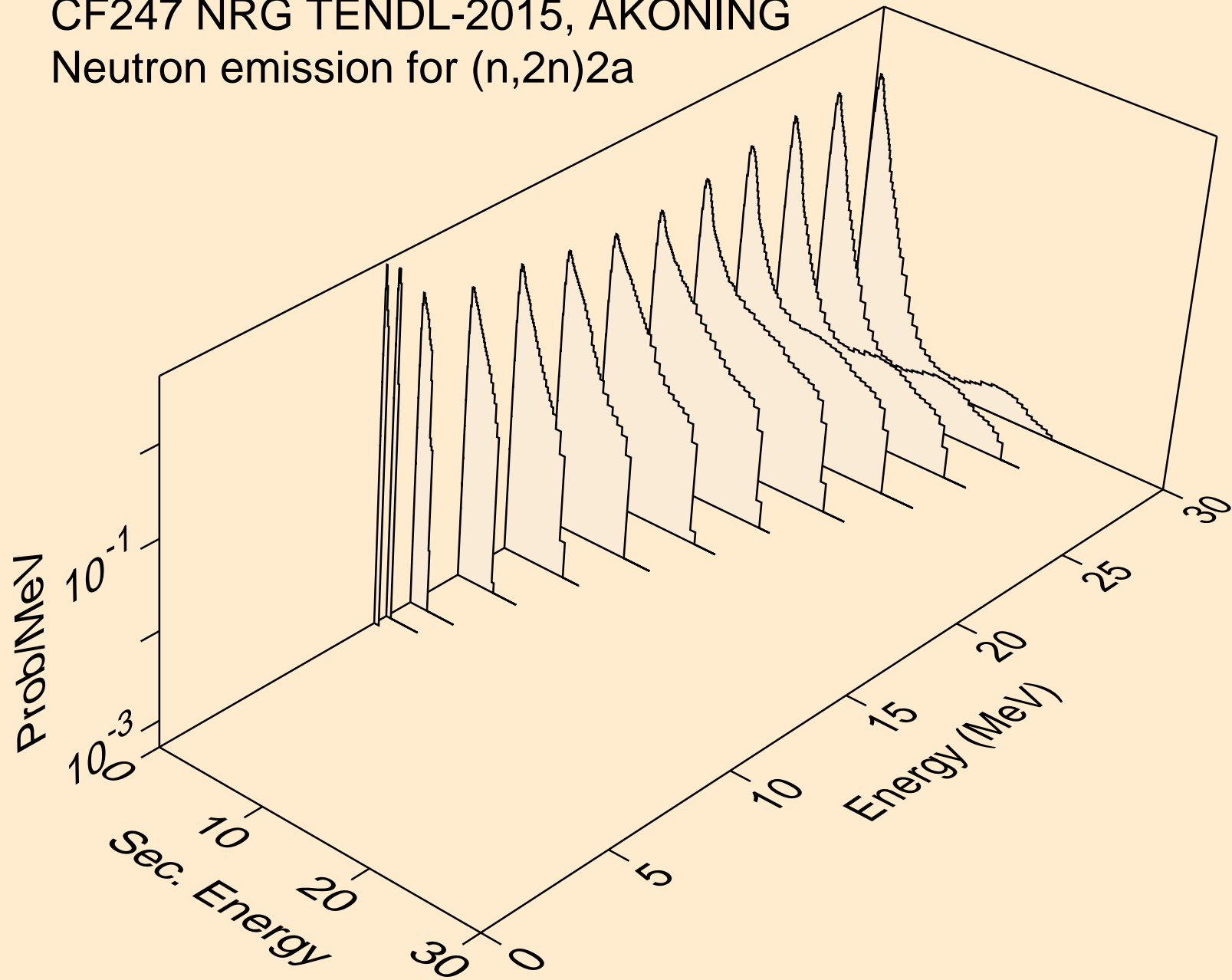
CF247 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



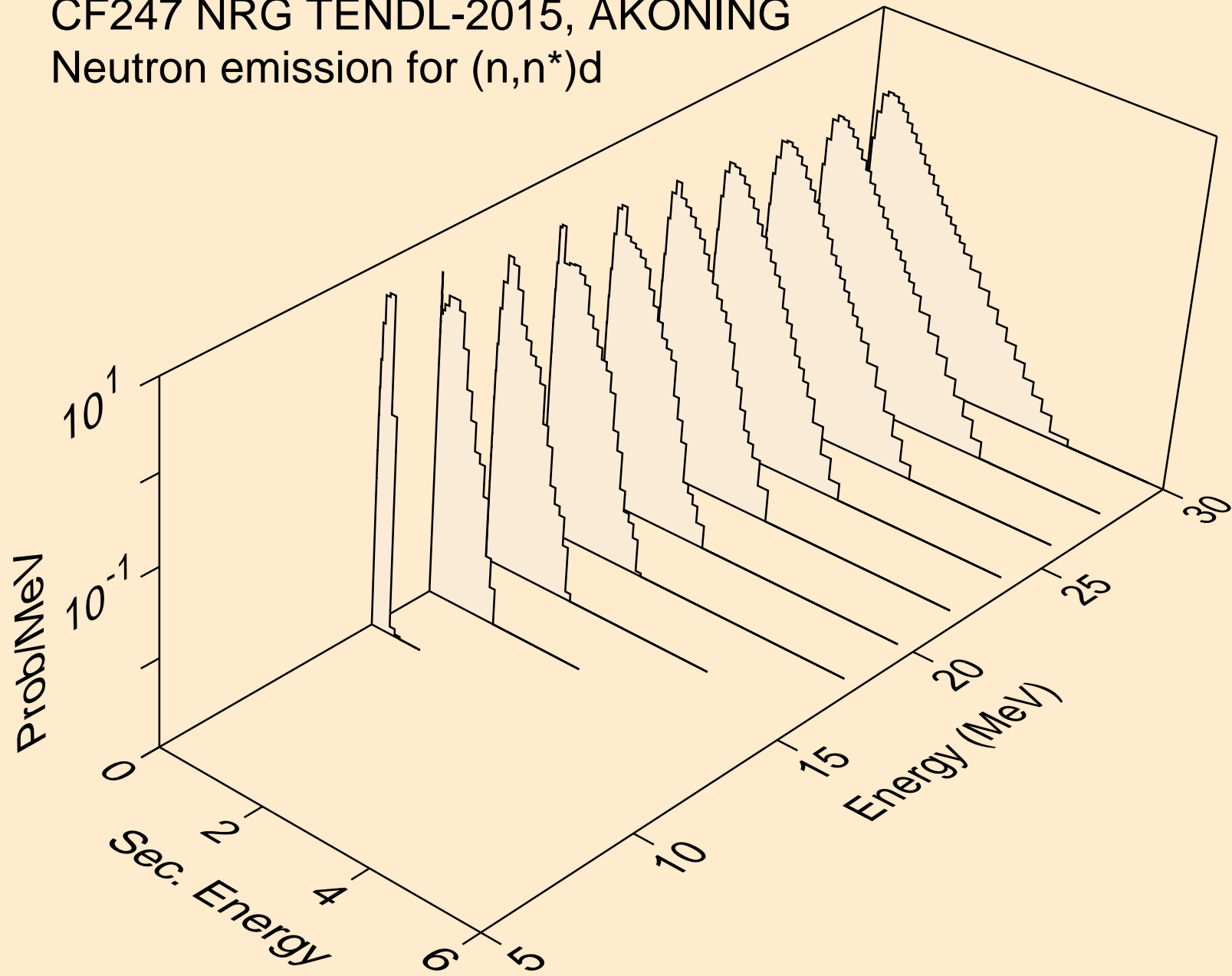
CF247 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



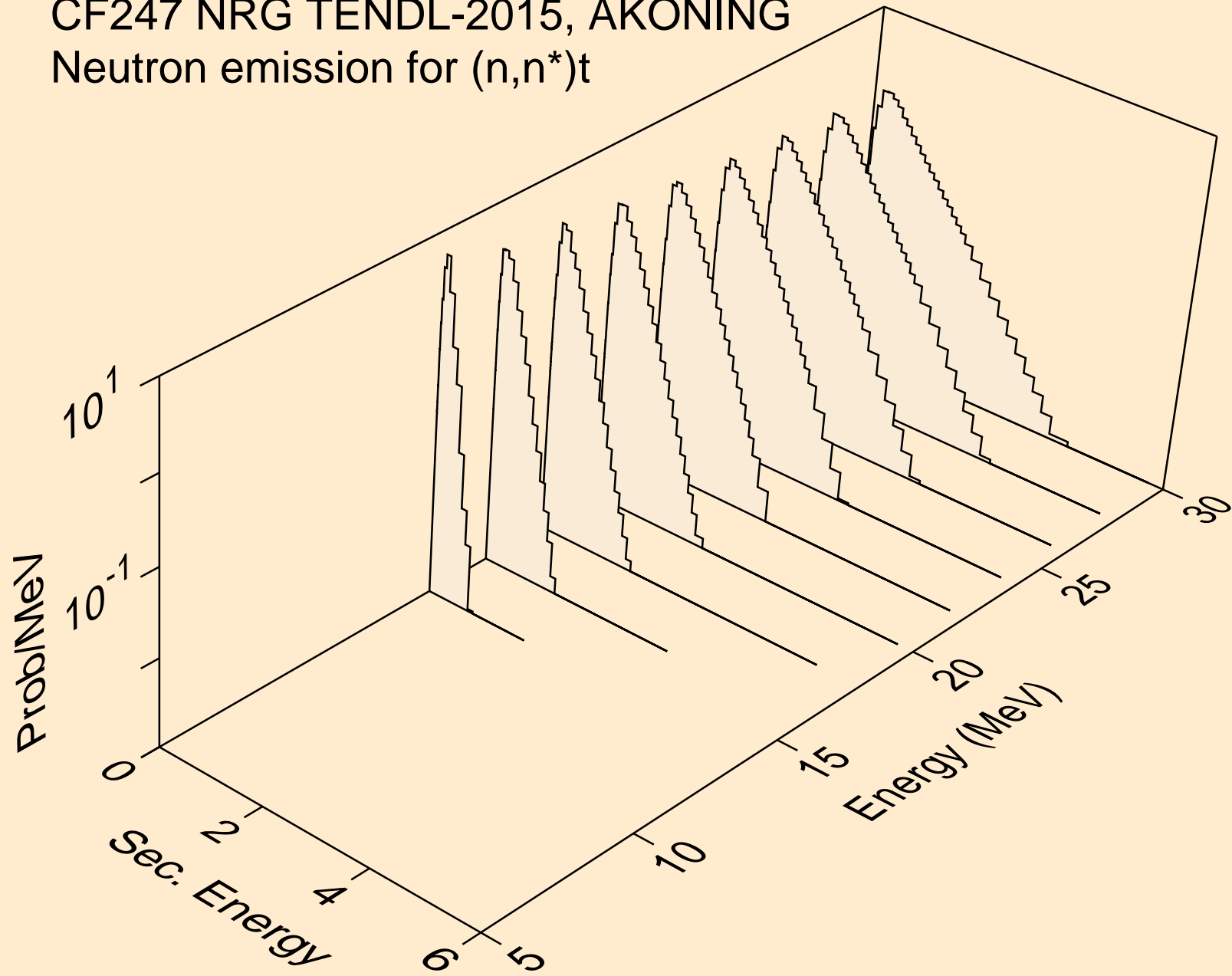
CF247 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



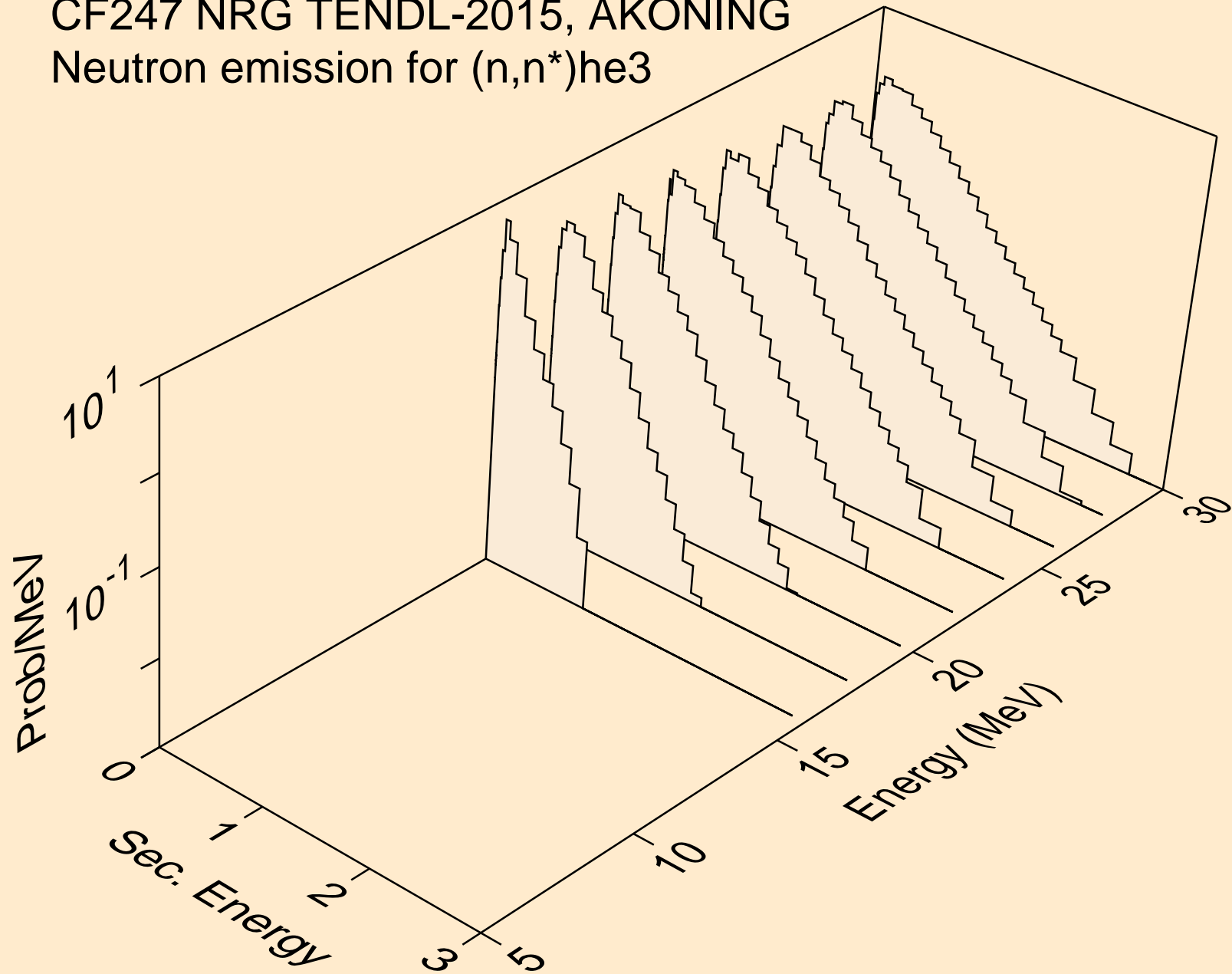
CF247 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



CF247 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t

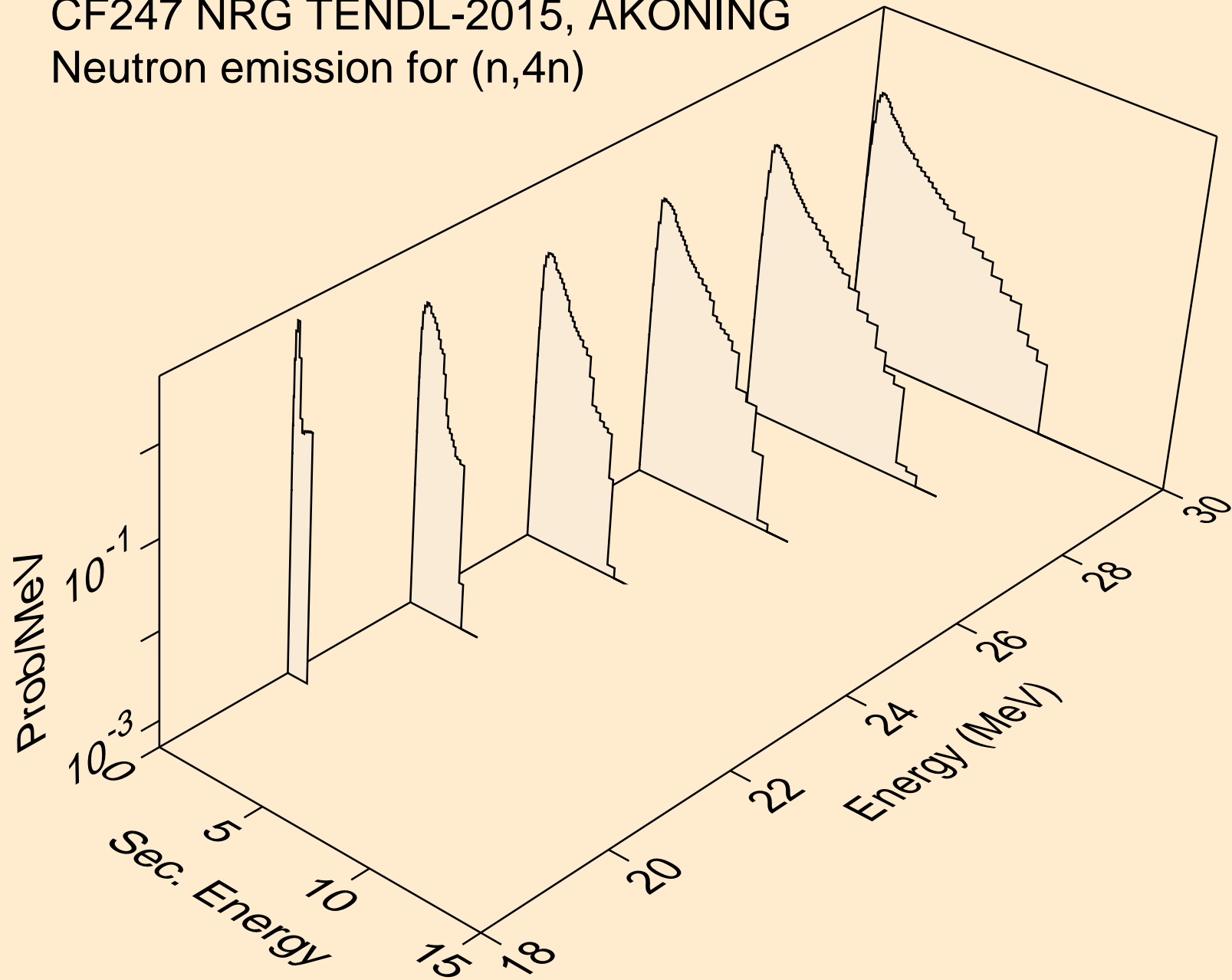


CF247 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3

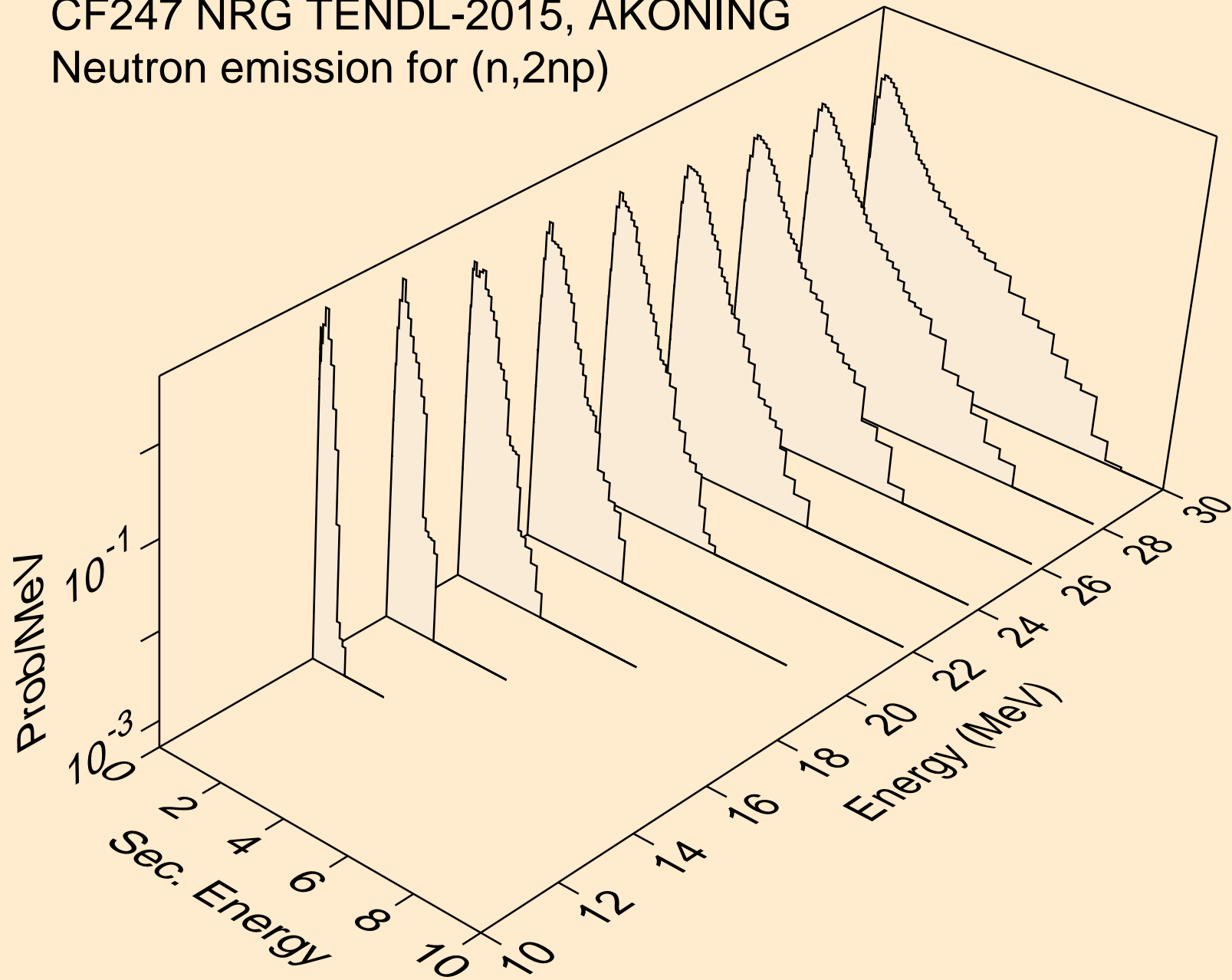




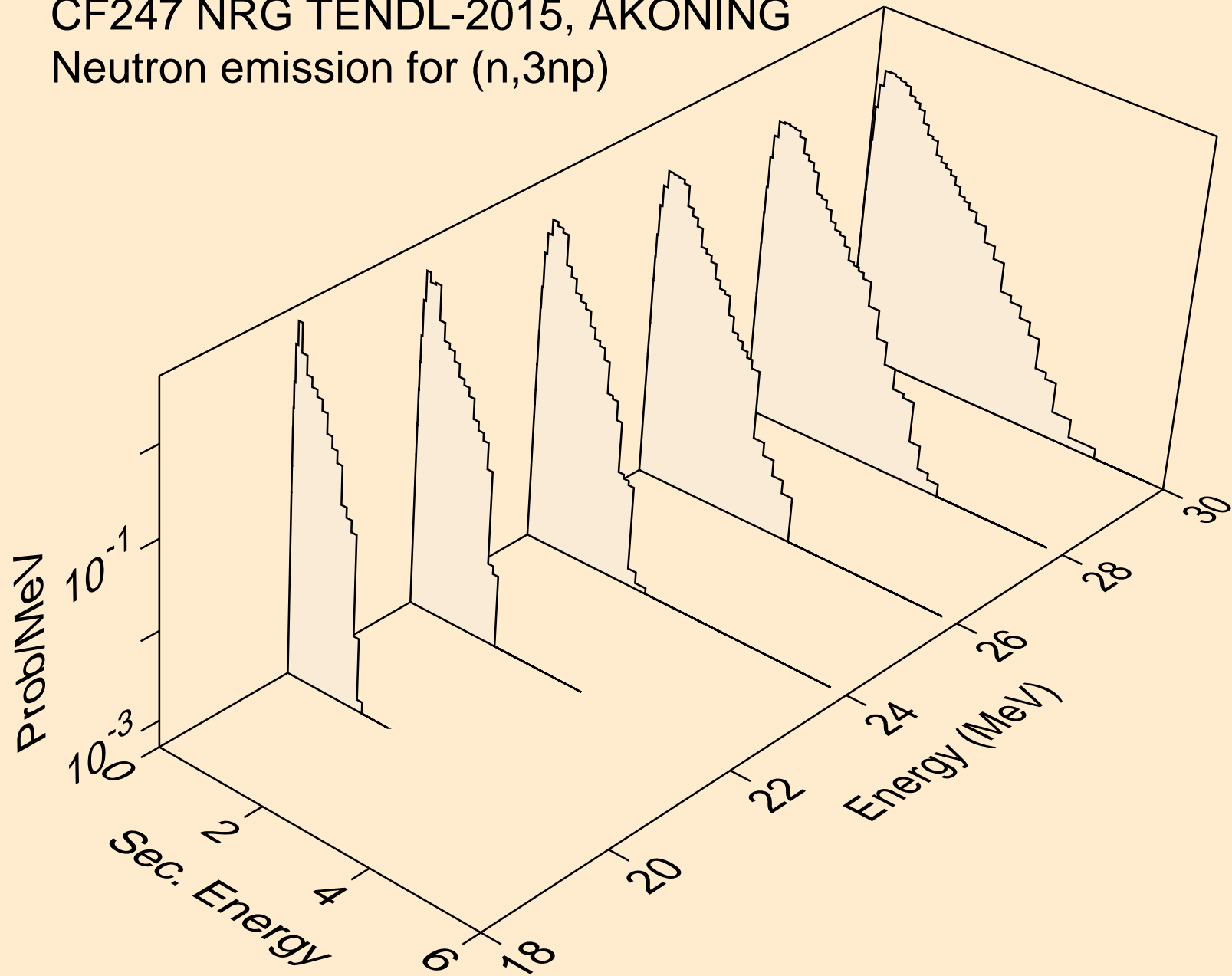
CF247 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



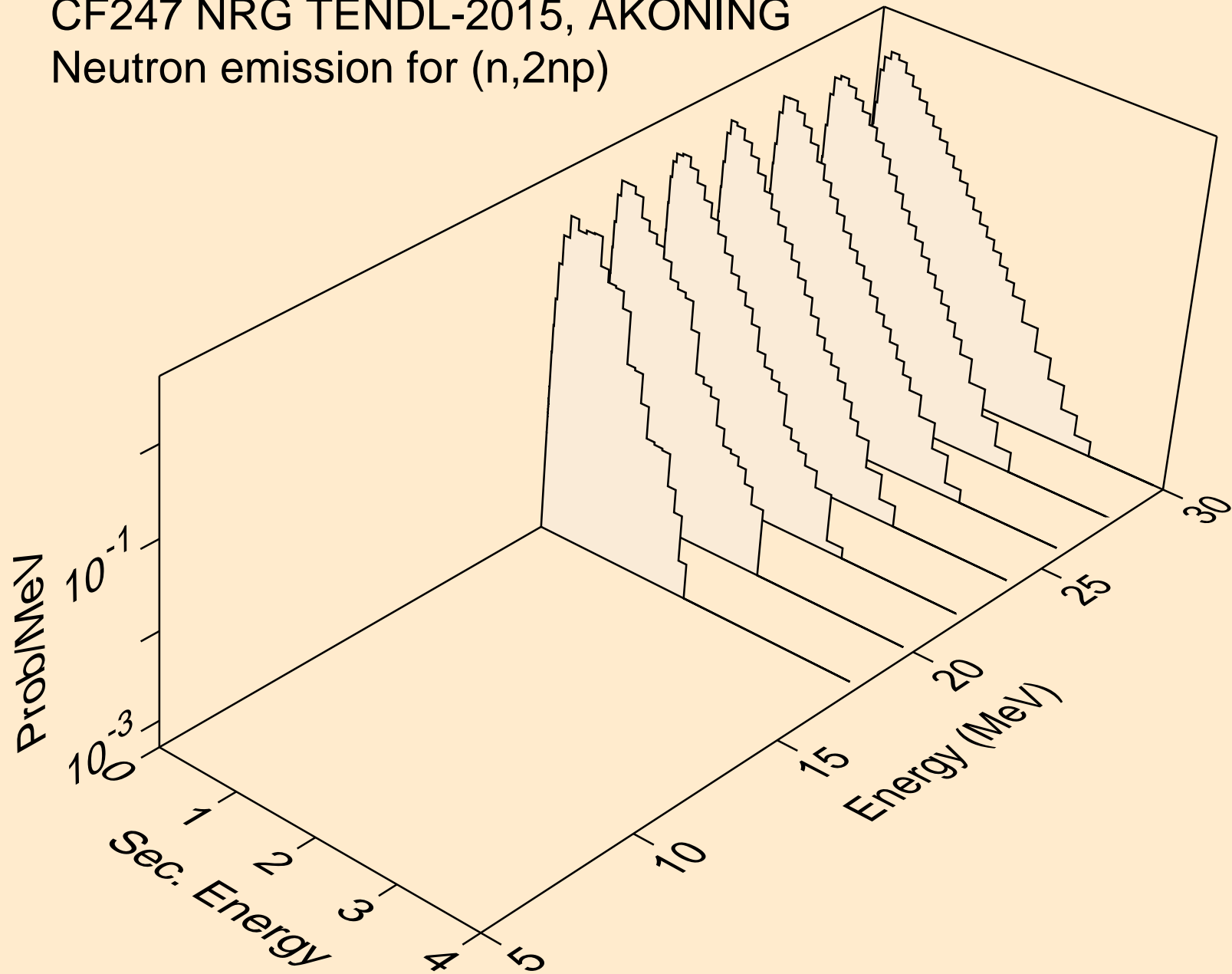
CF247 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



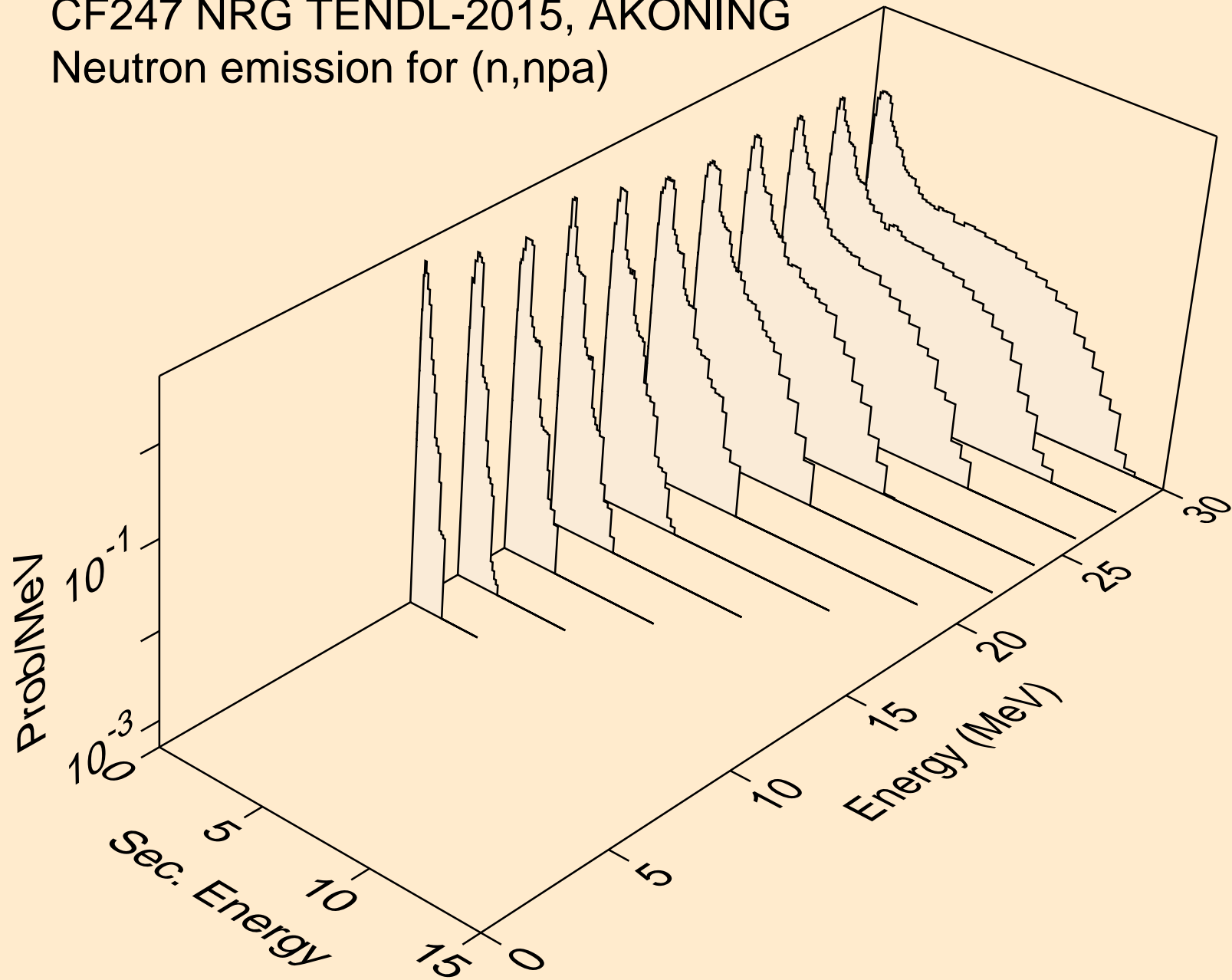
CF247 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



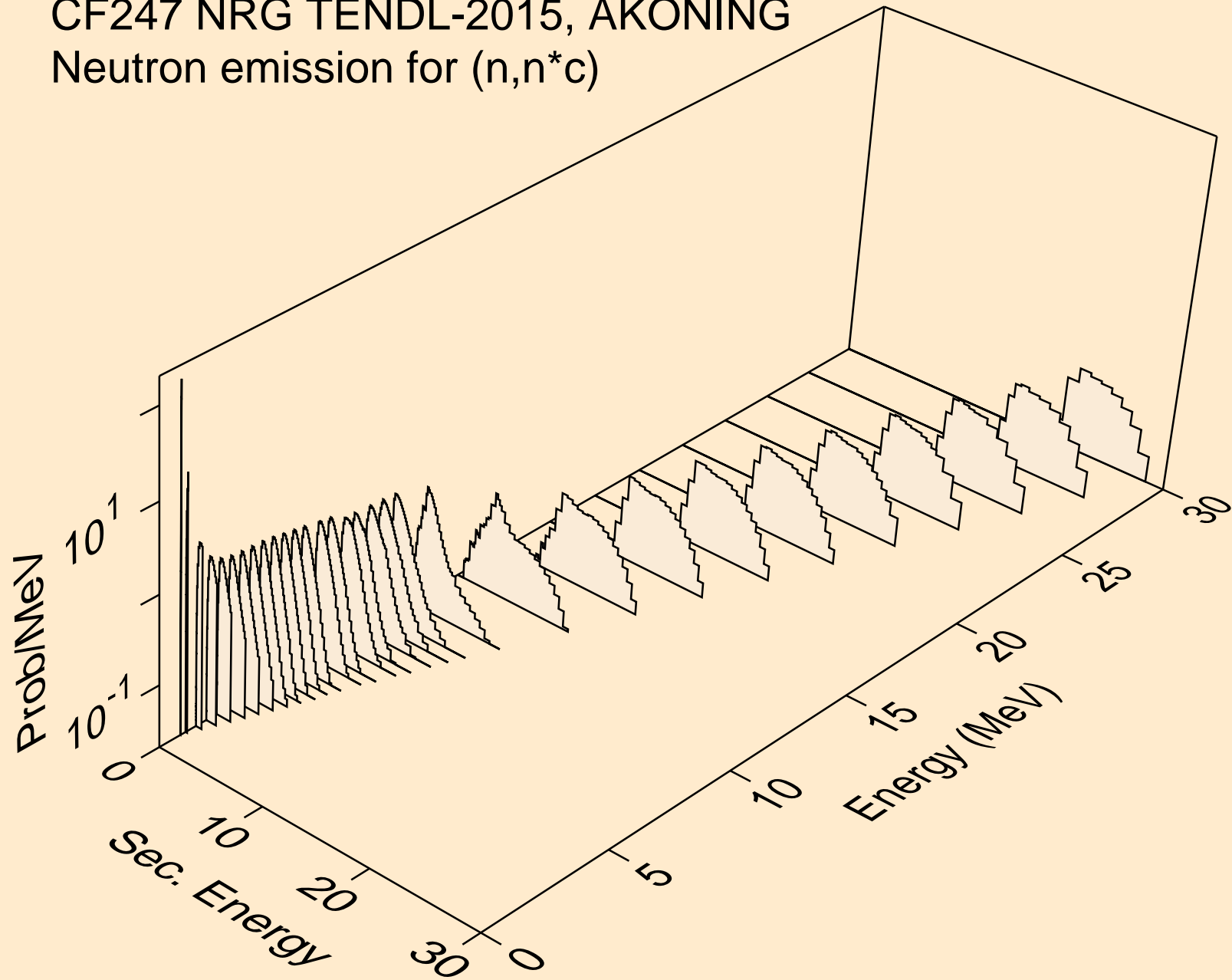
CF247 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



CF247 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

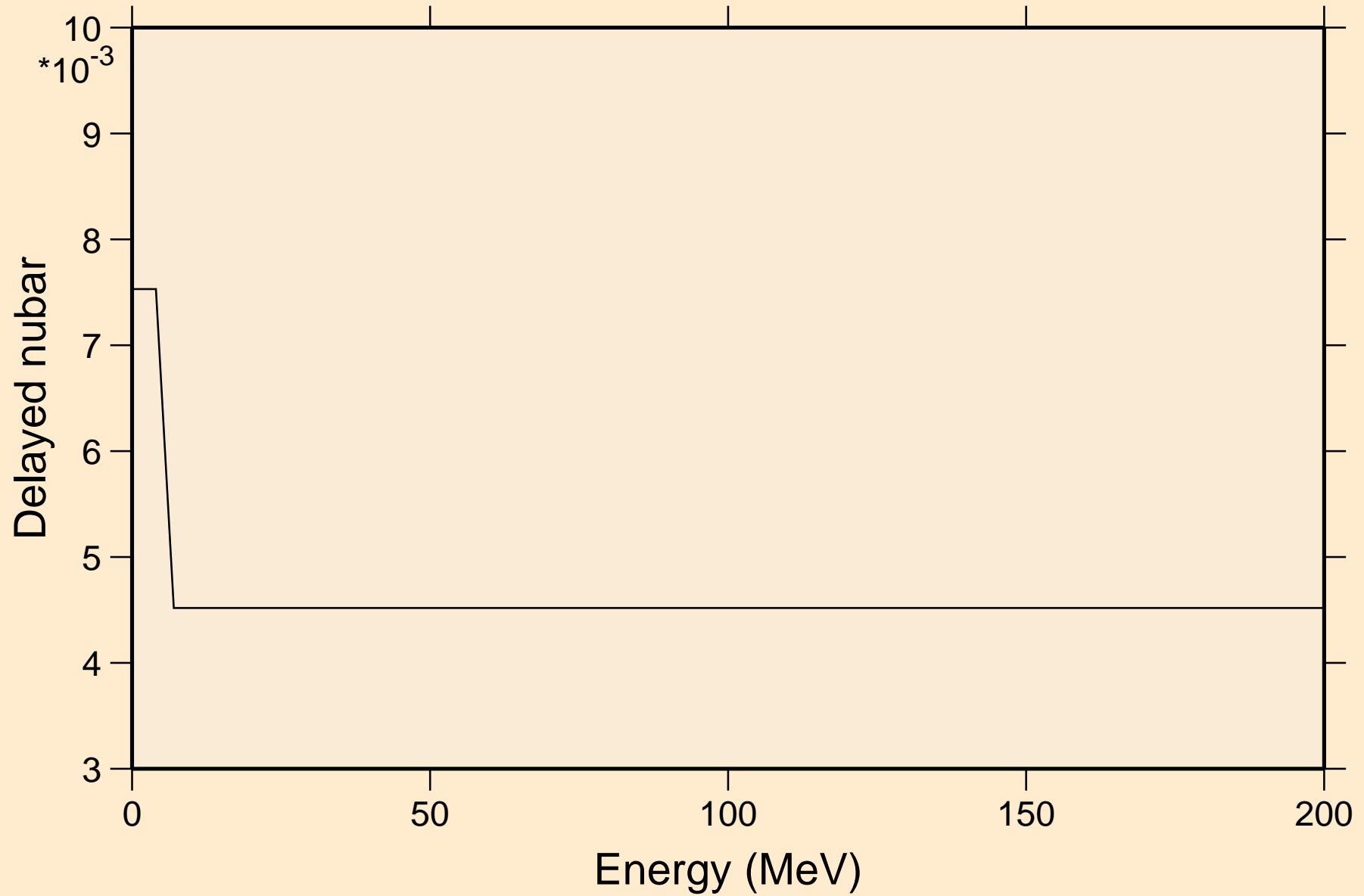


CF247 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



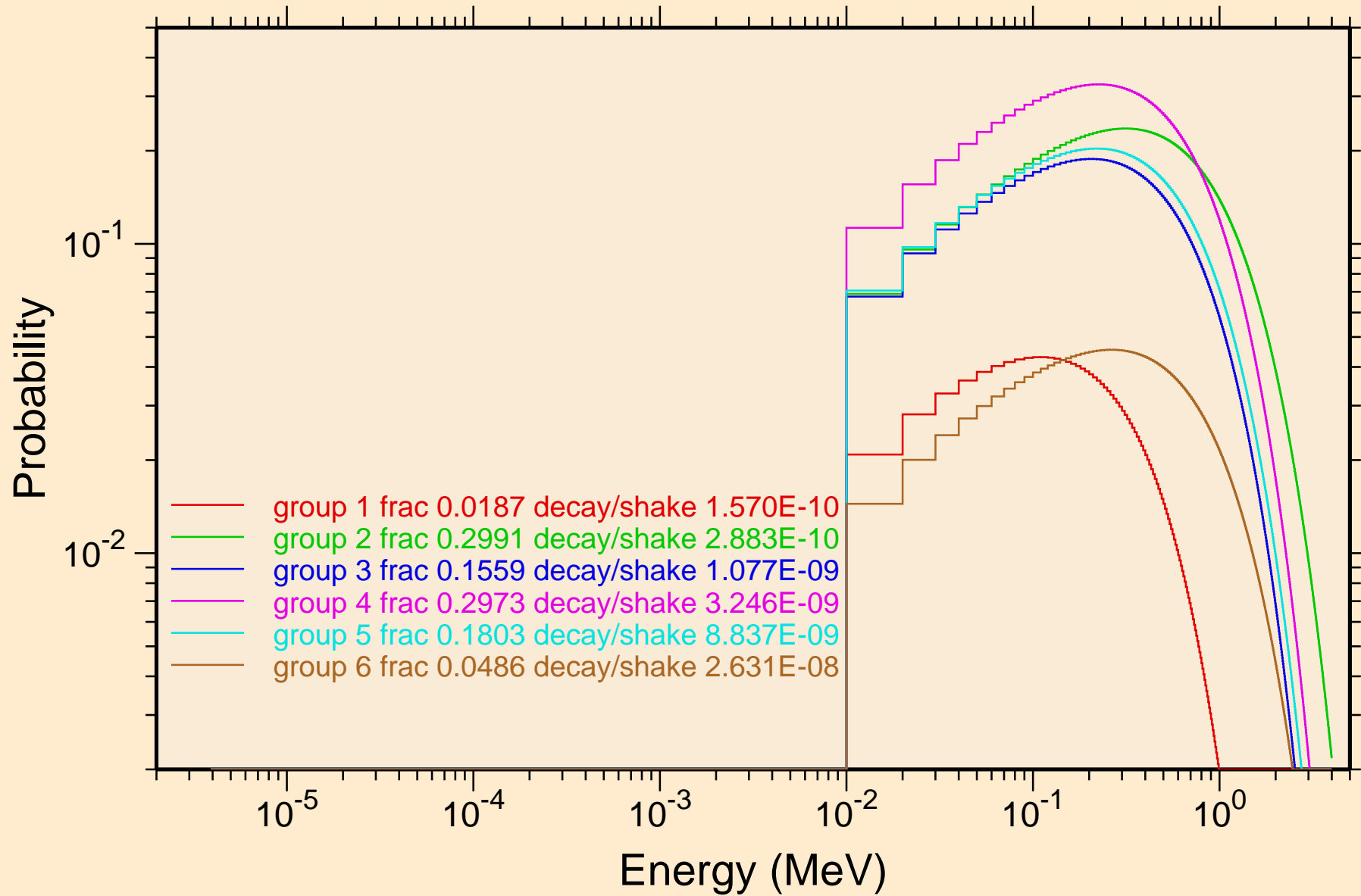
# CF247 NRG TENDL-2015, AKONING

Delayed nubar



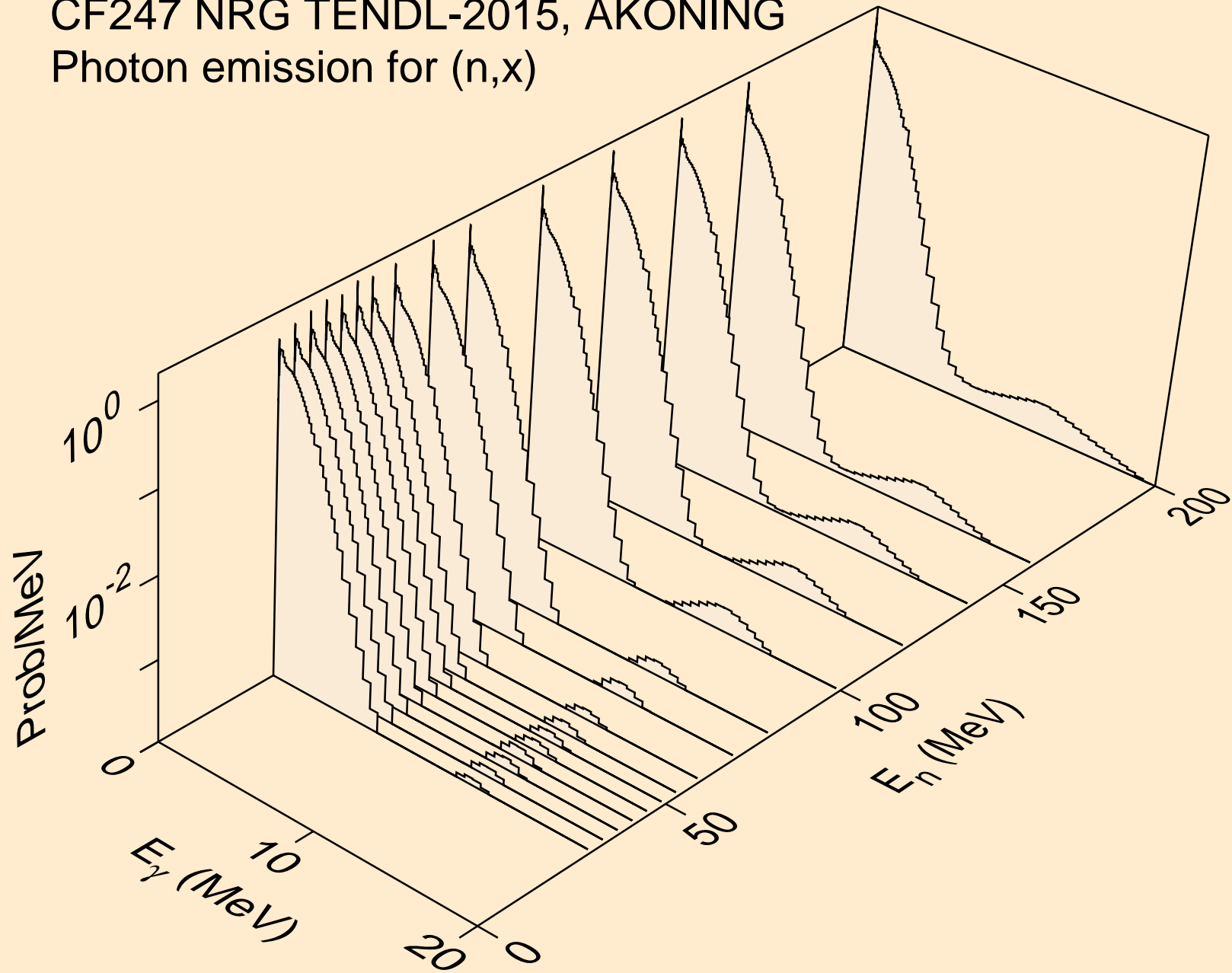
# CF247 NRG TENDL-2015, AKONING

## Delayed neutron spectra

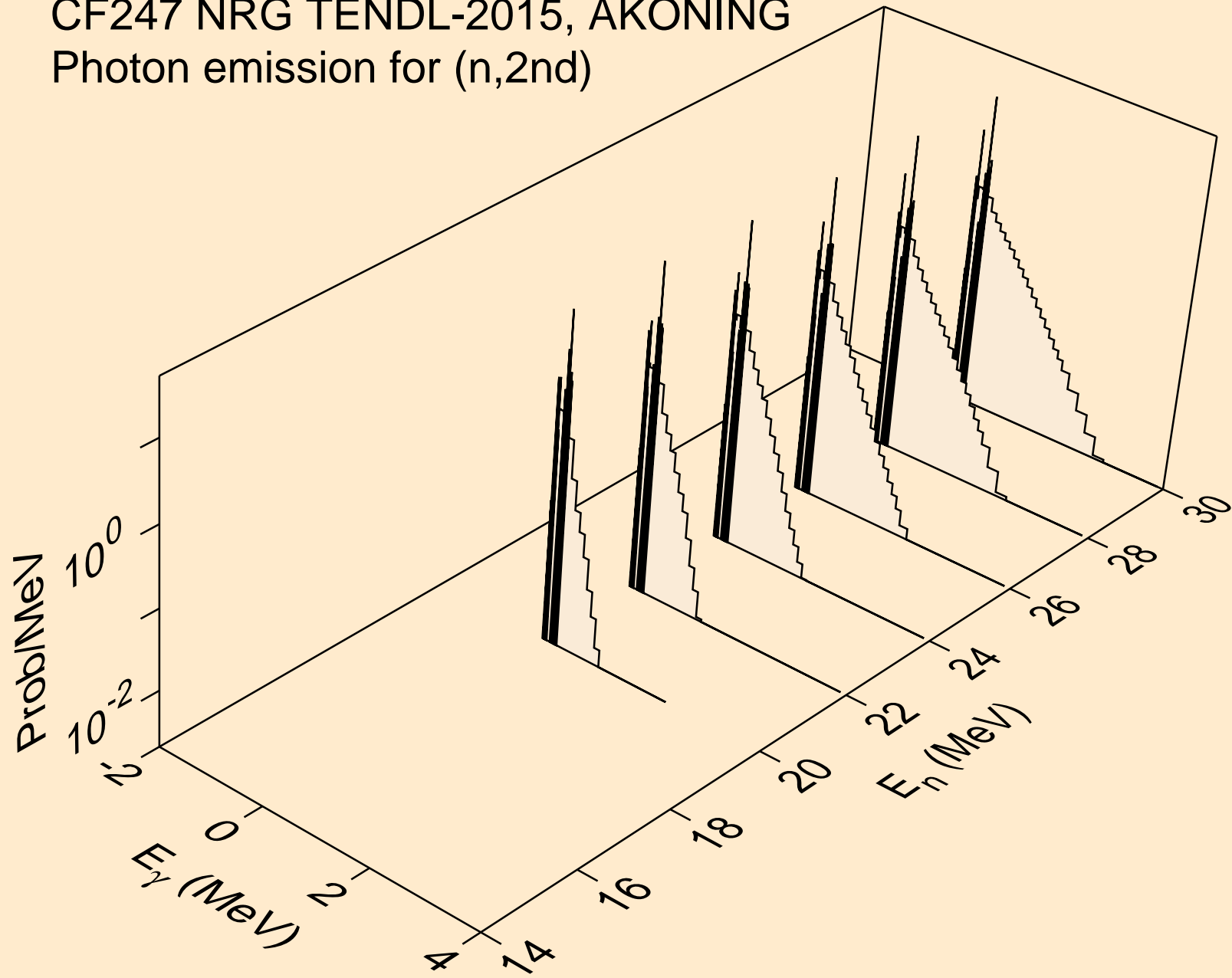




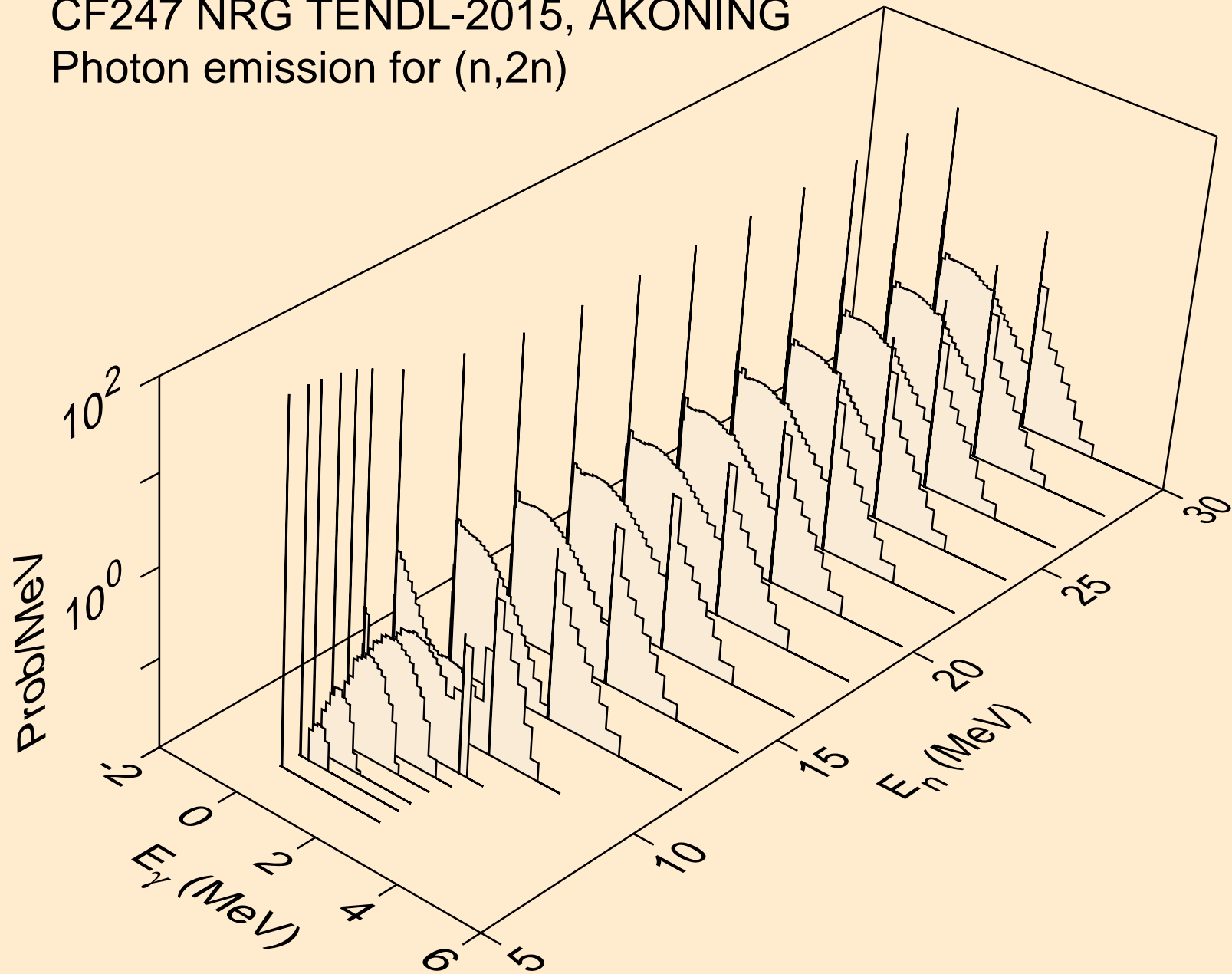
CF247 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



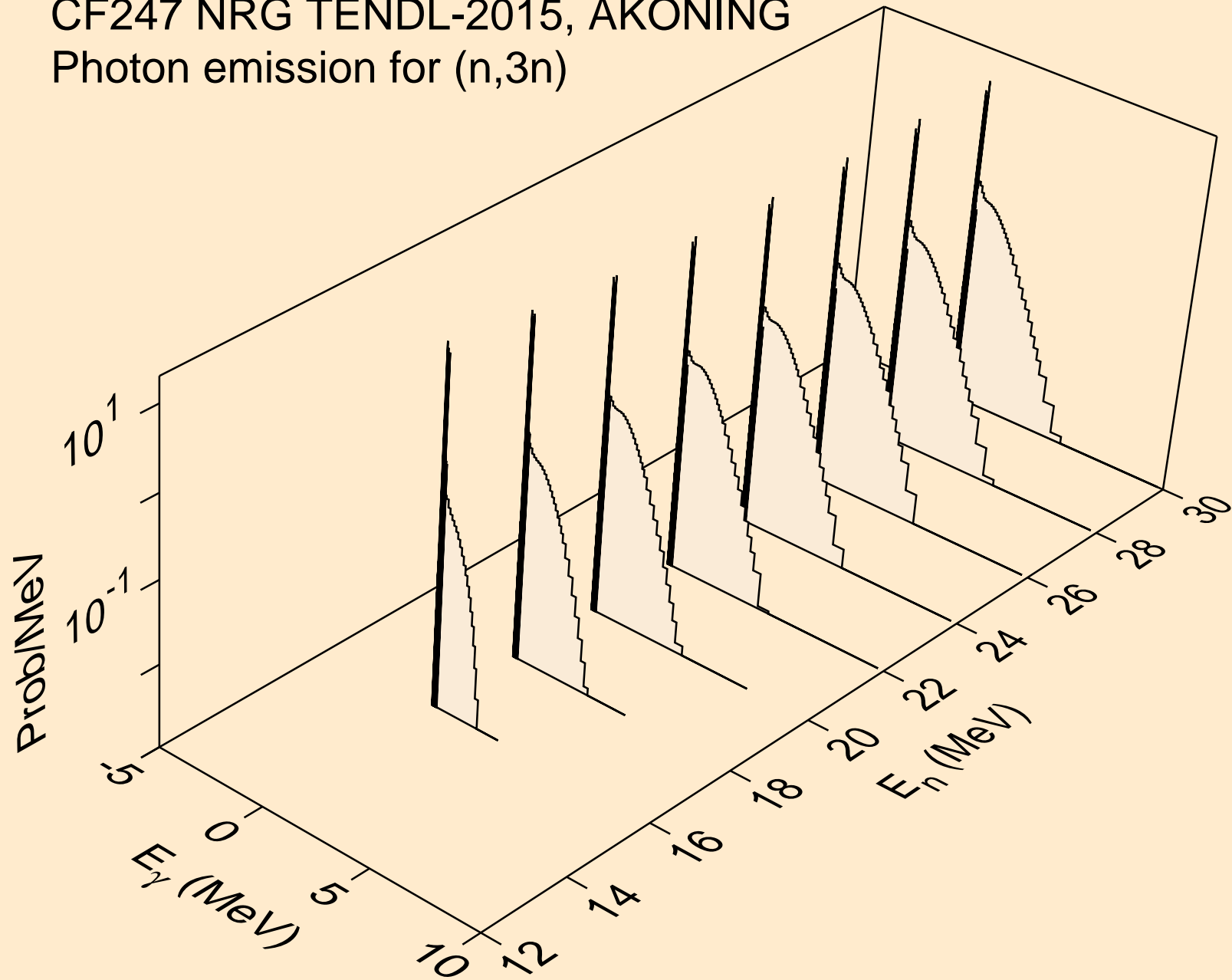
CF247 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



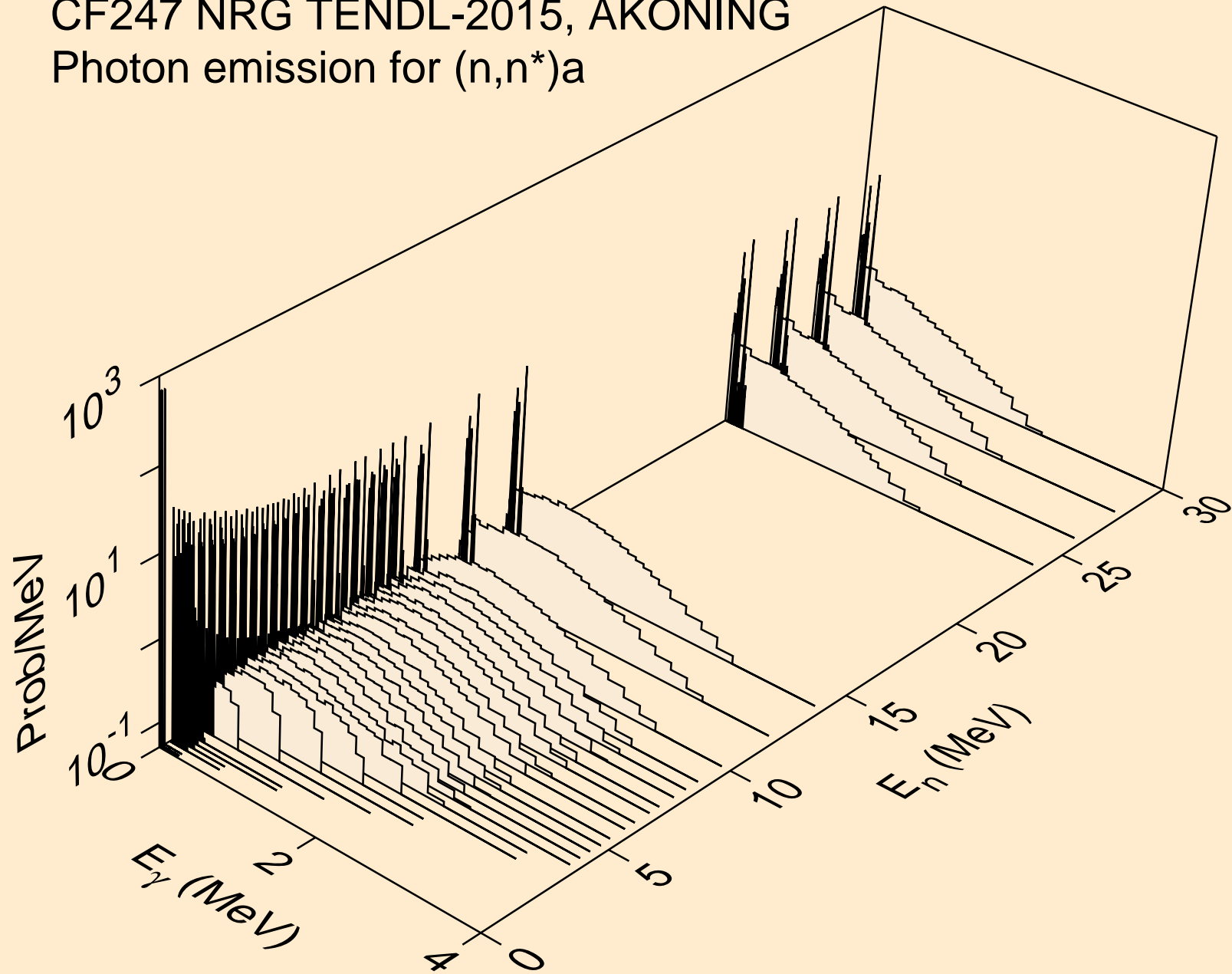
CF247 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



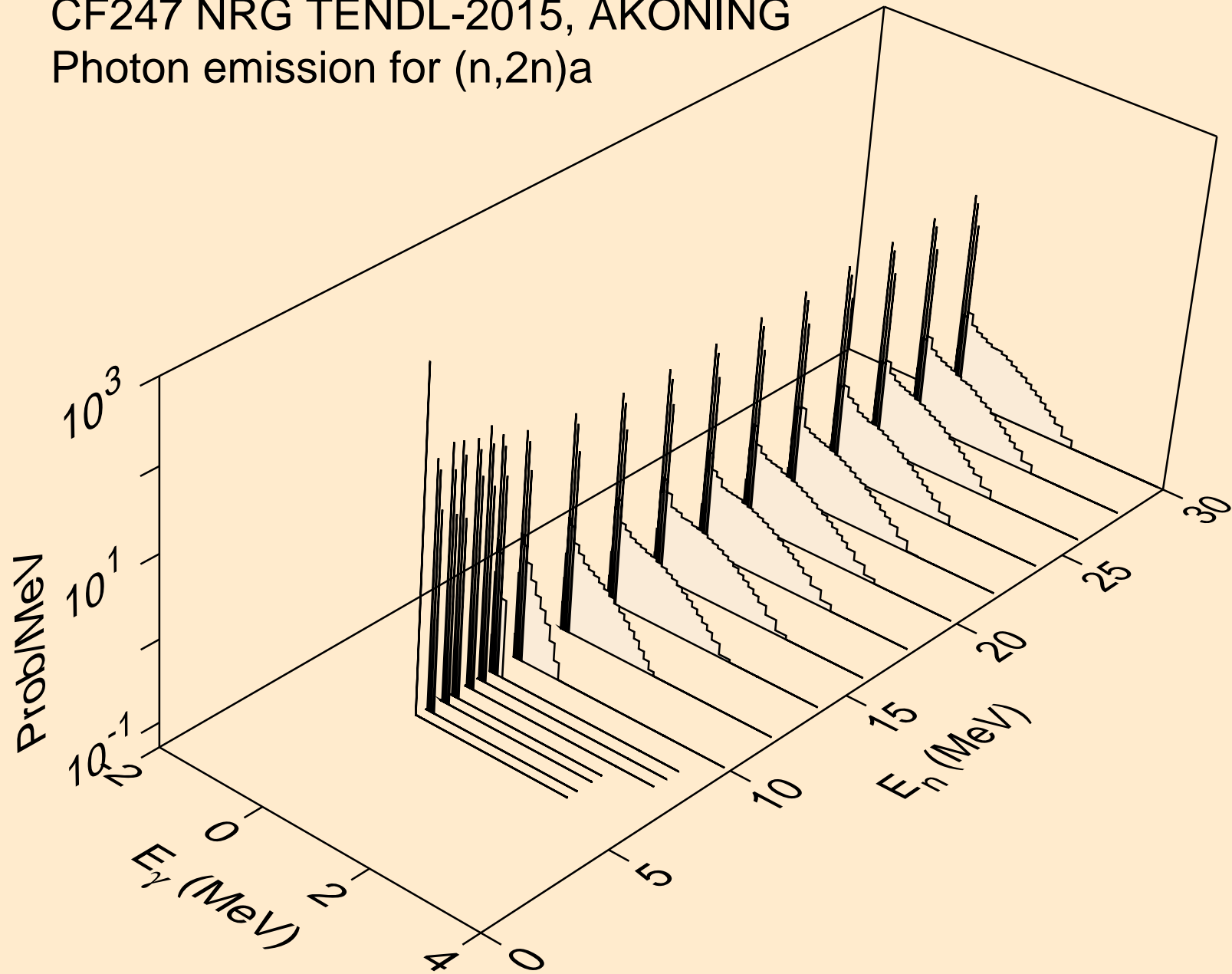
CF247 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



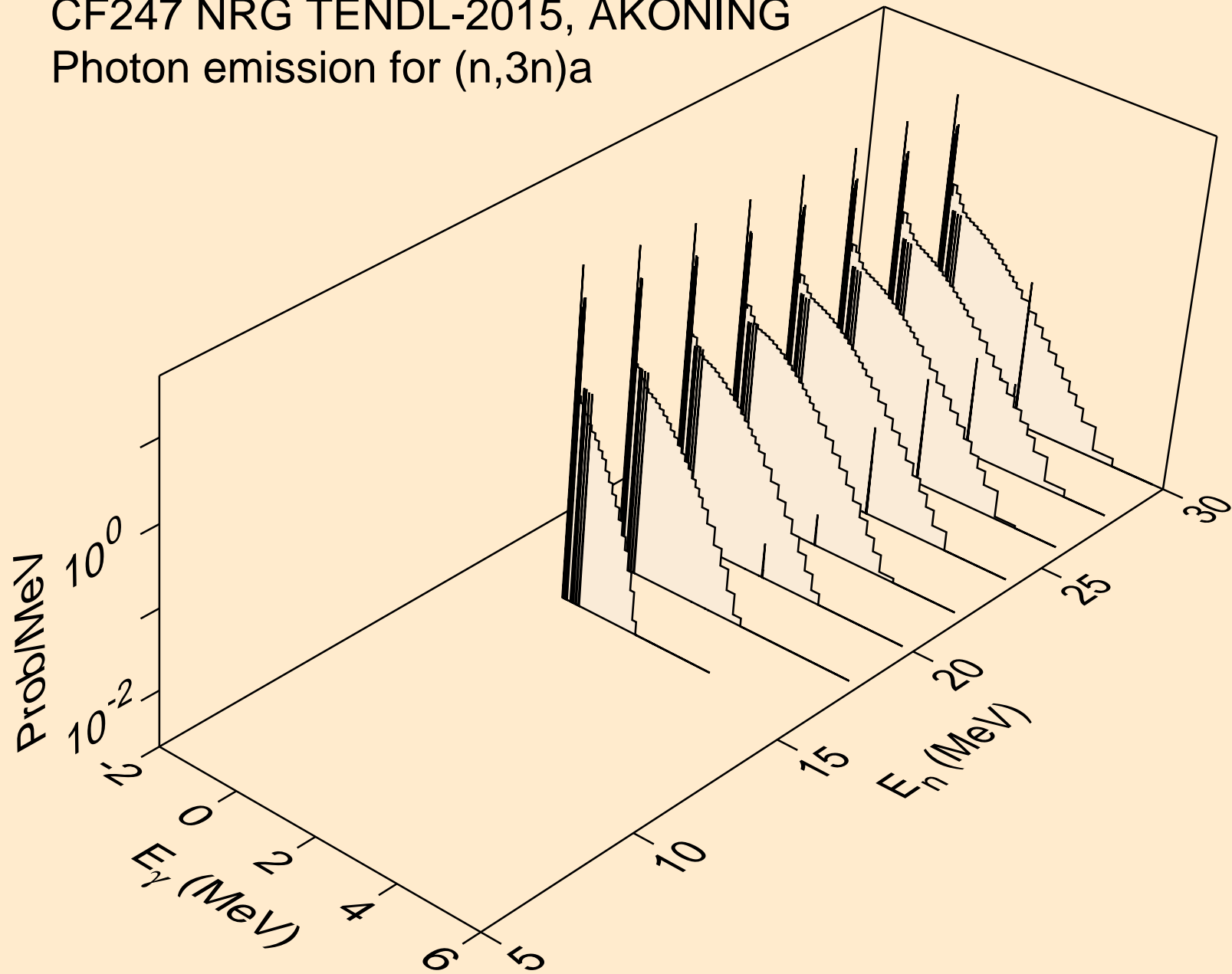
CF247 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



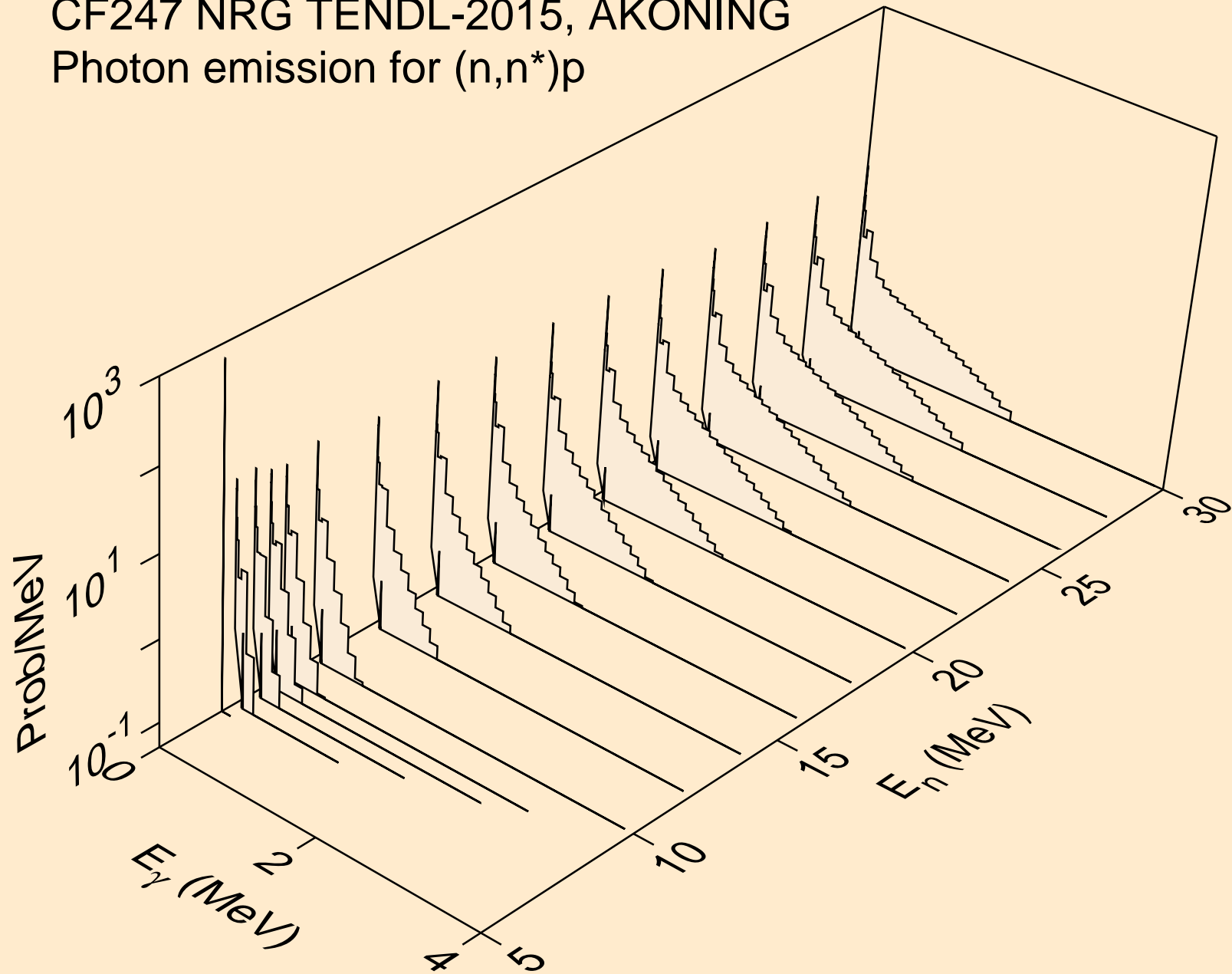
CF247 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



CF247 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a

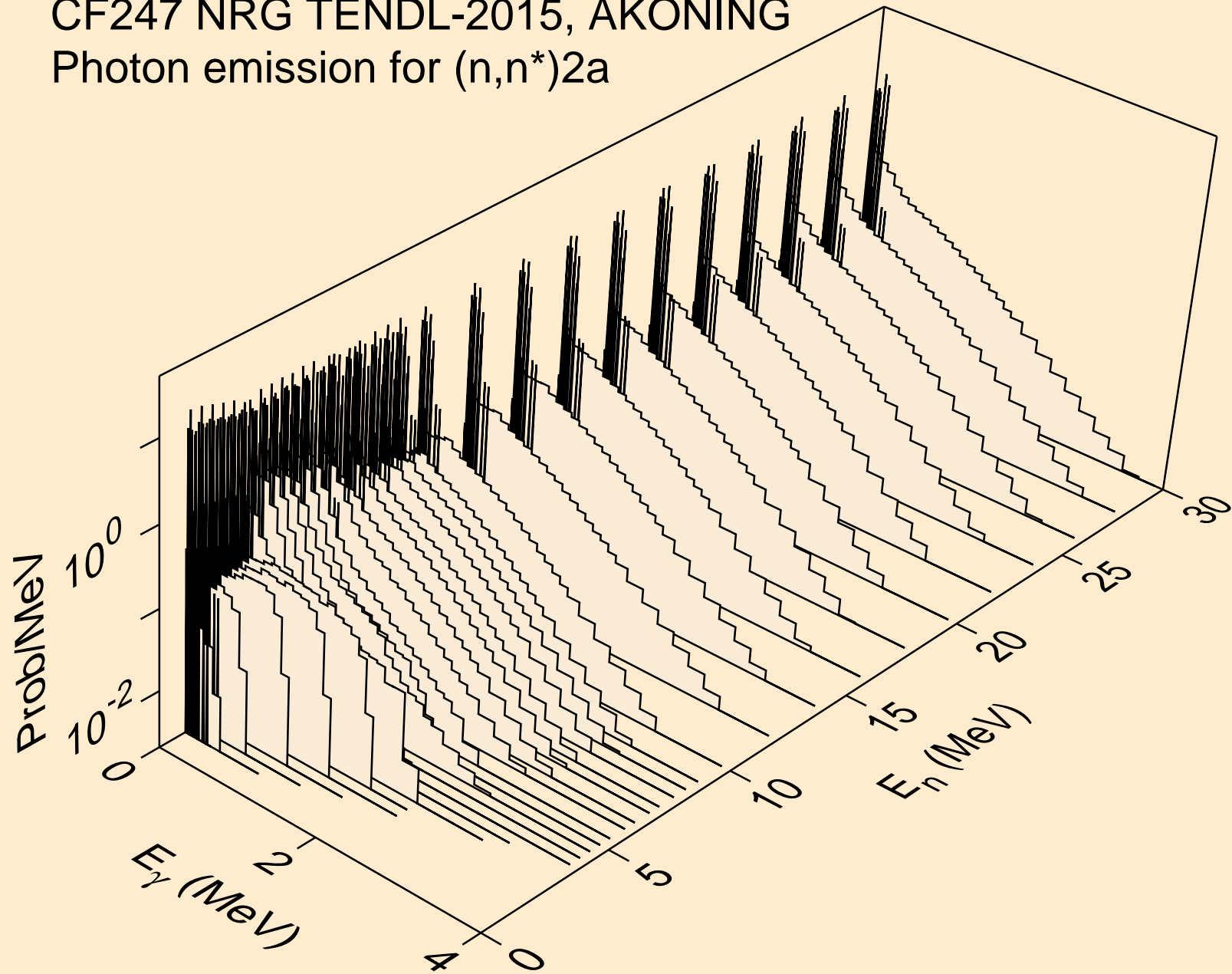


CF247 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p

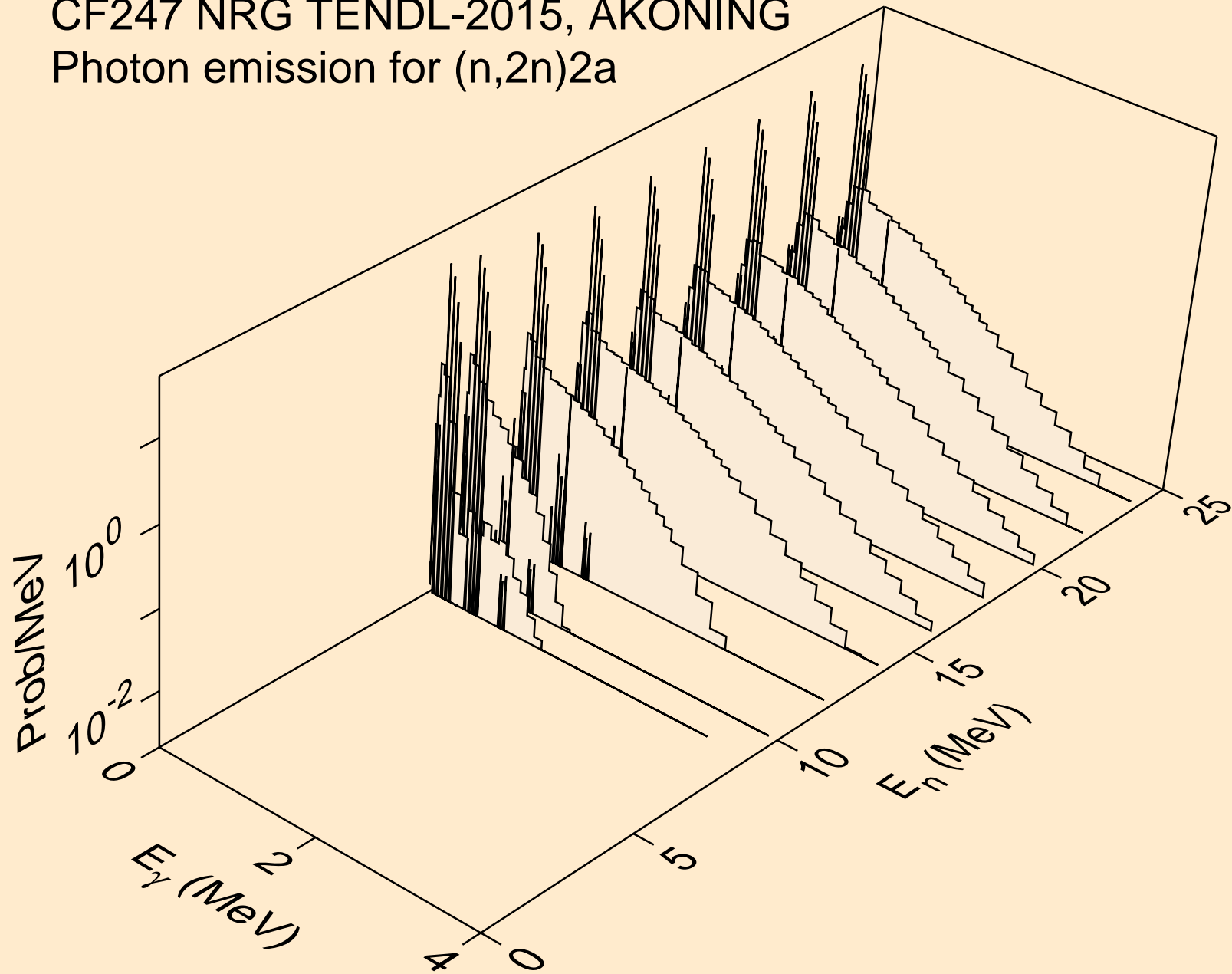




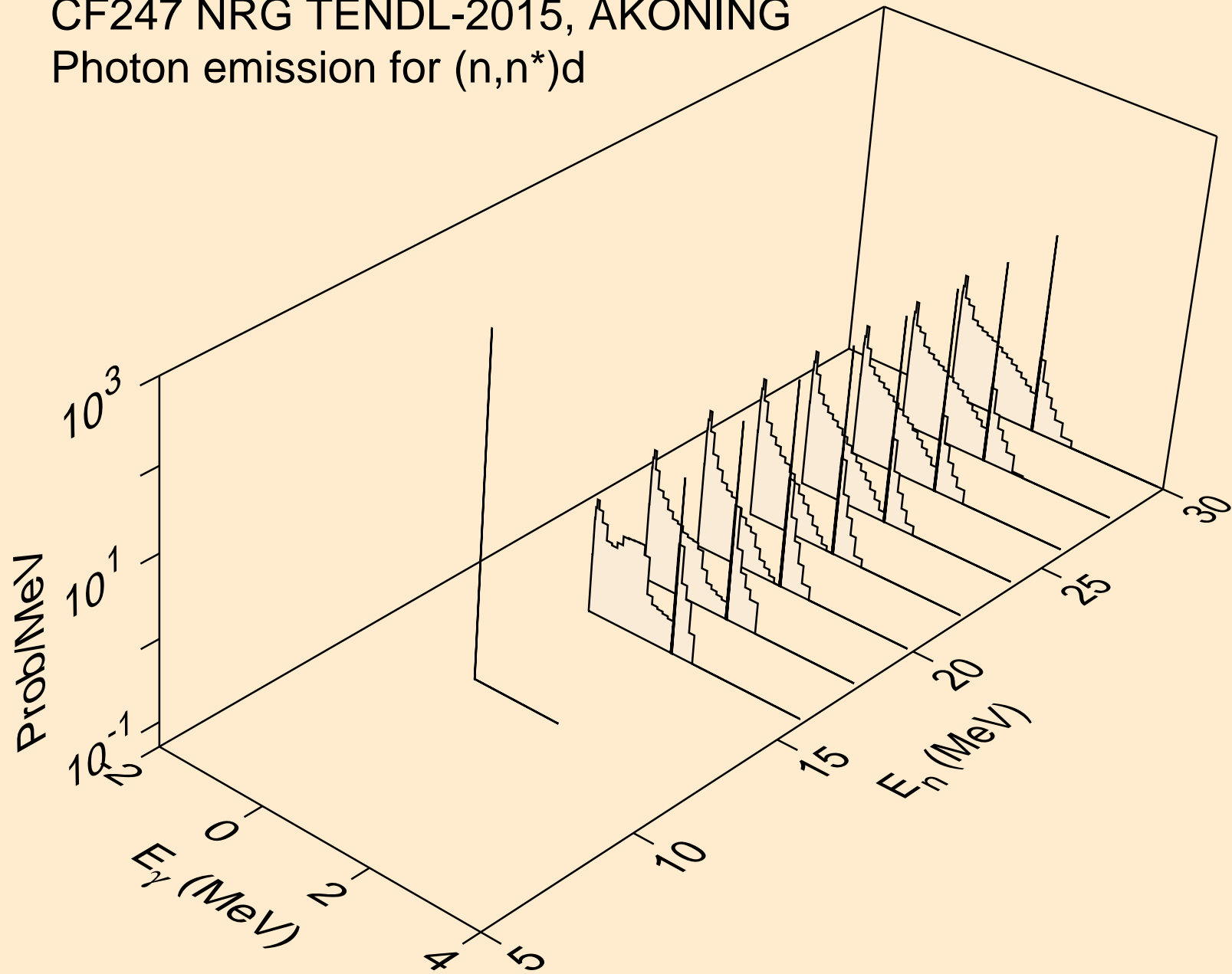
CF247 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



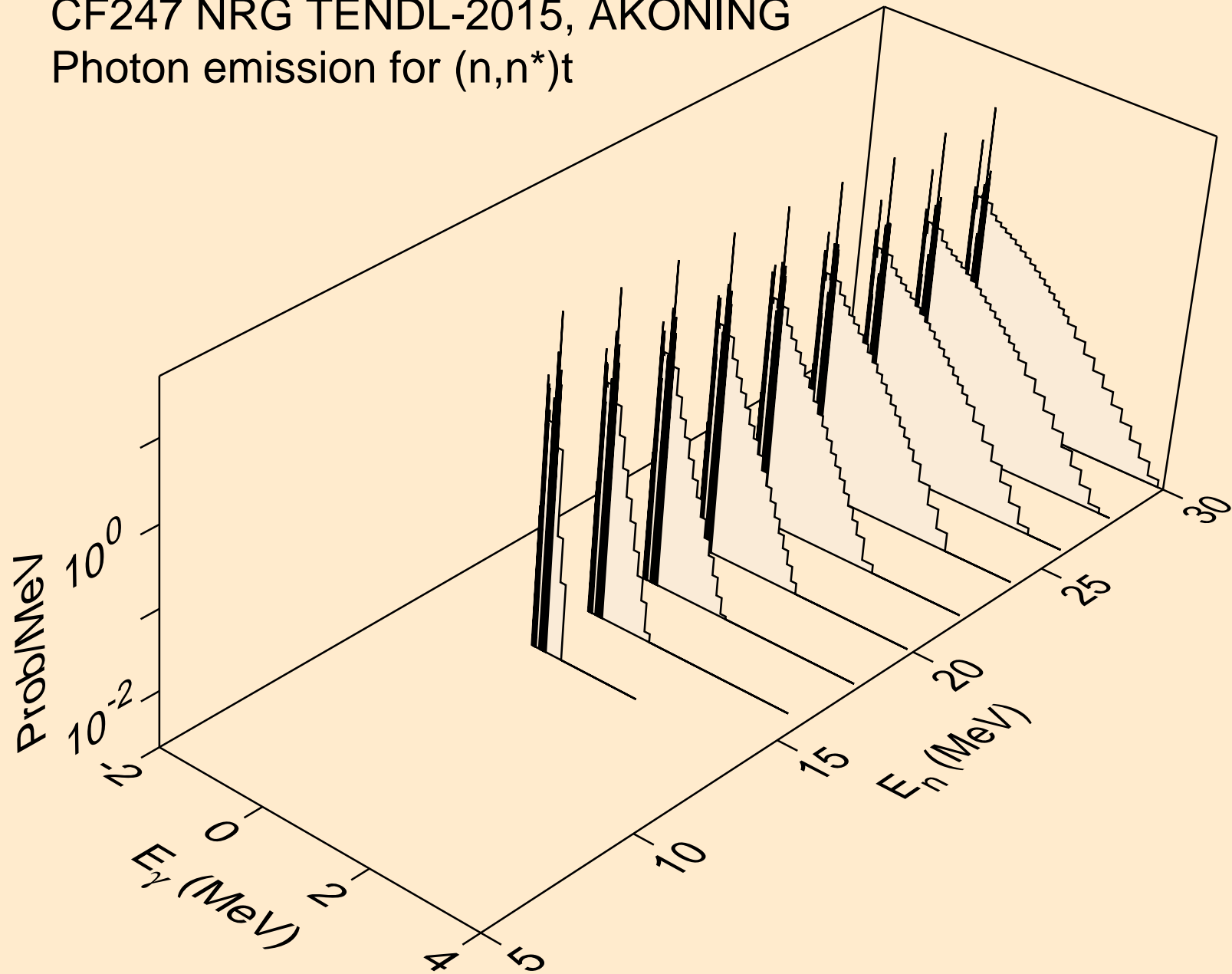
CF247 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



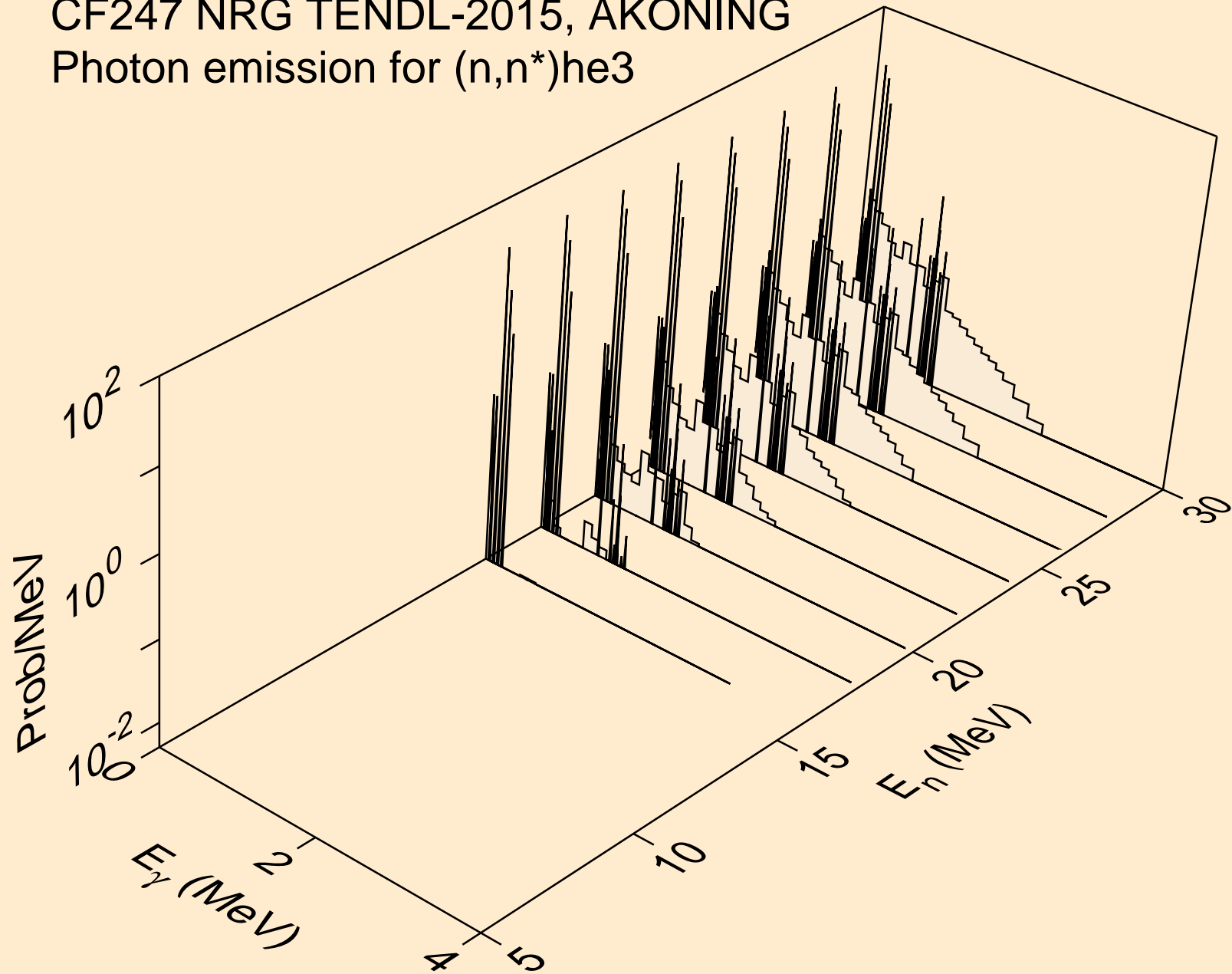
CF247 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



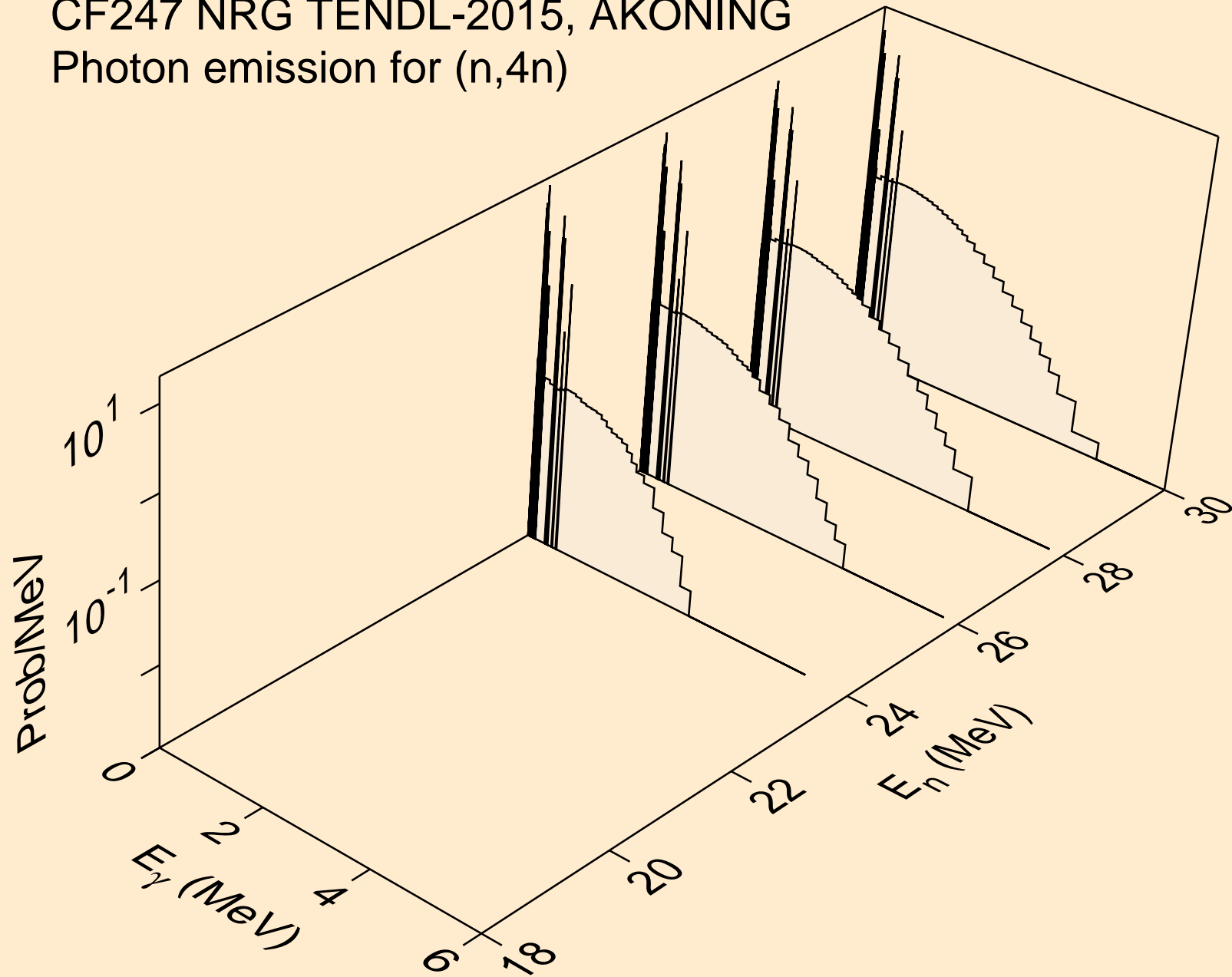
CF247 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



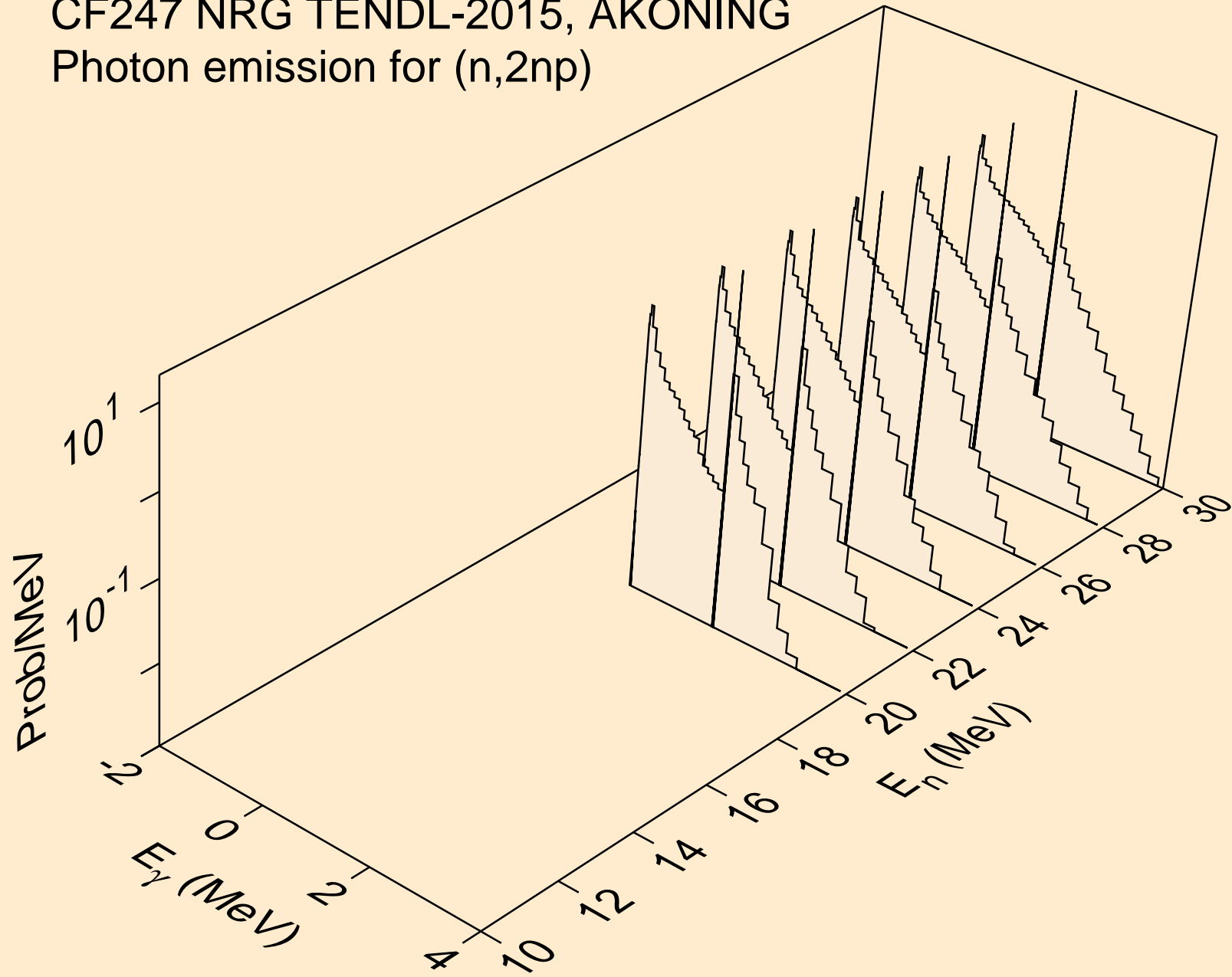
CF247 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



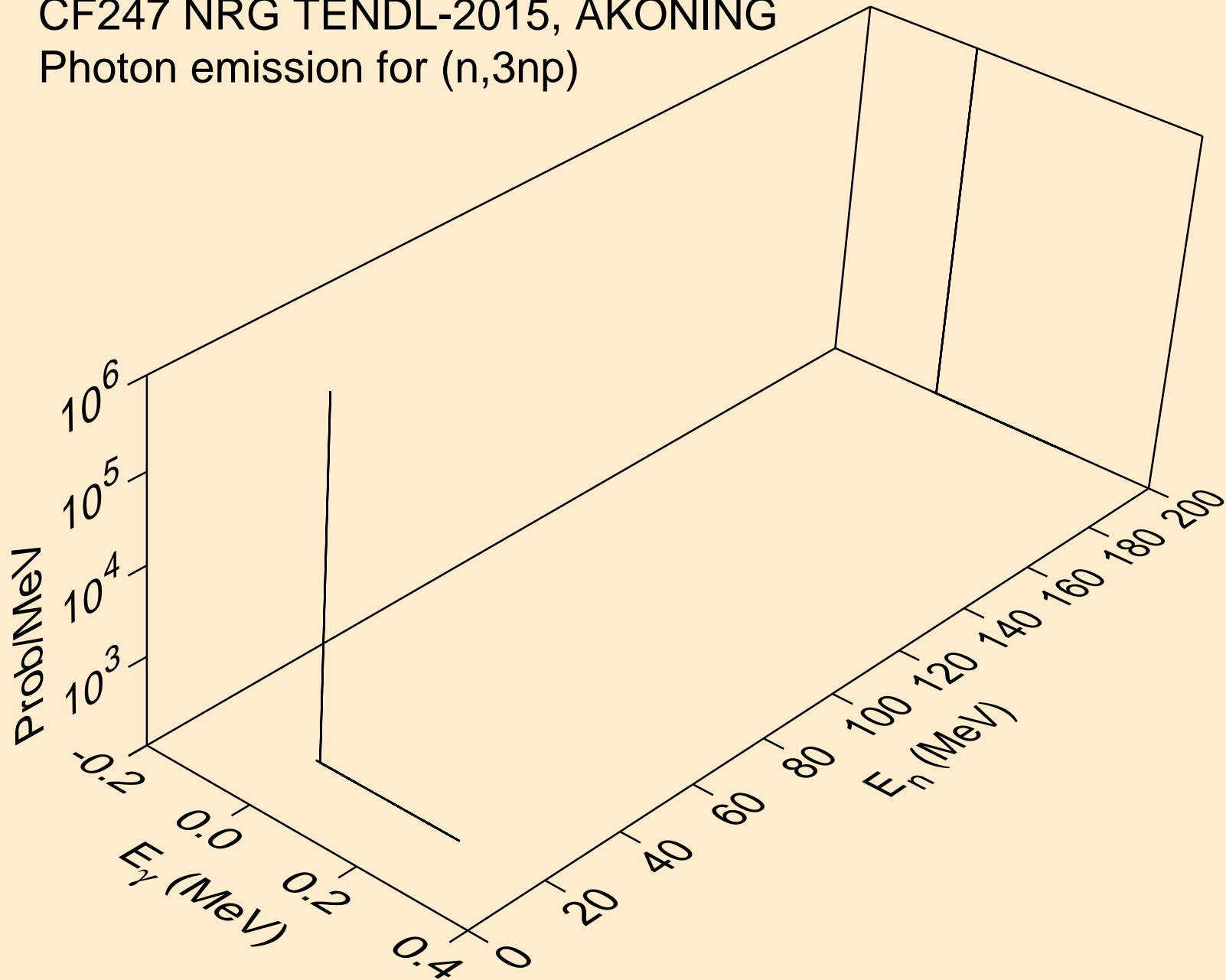
CF247 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



CF247 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

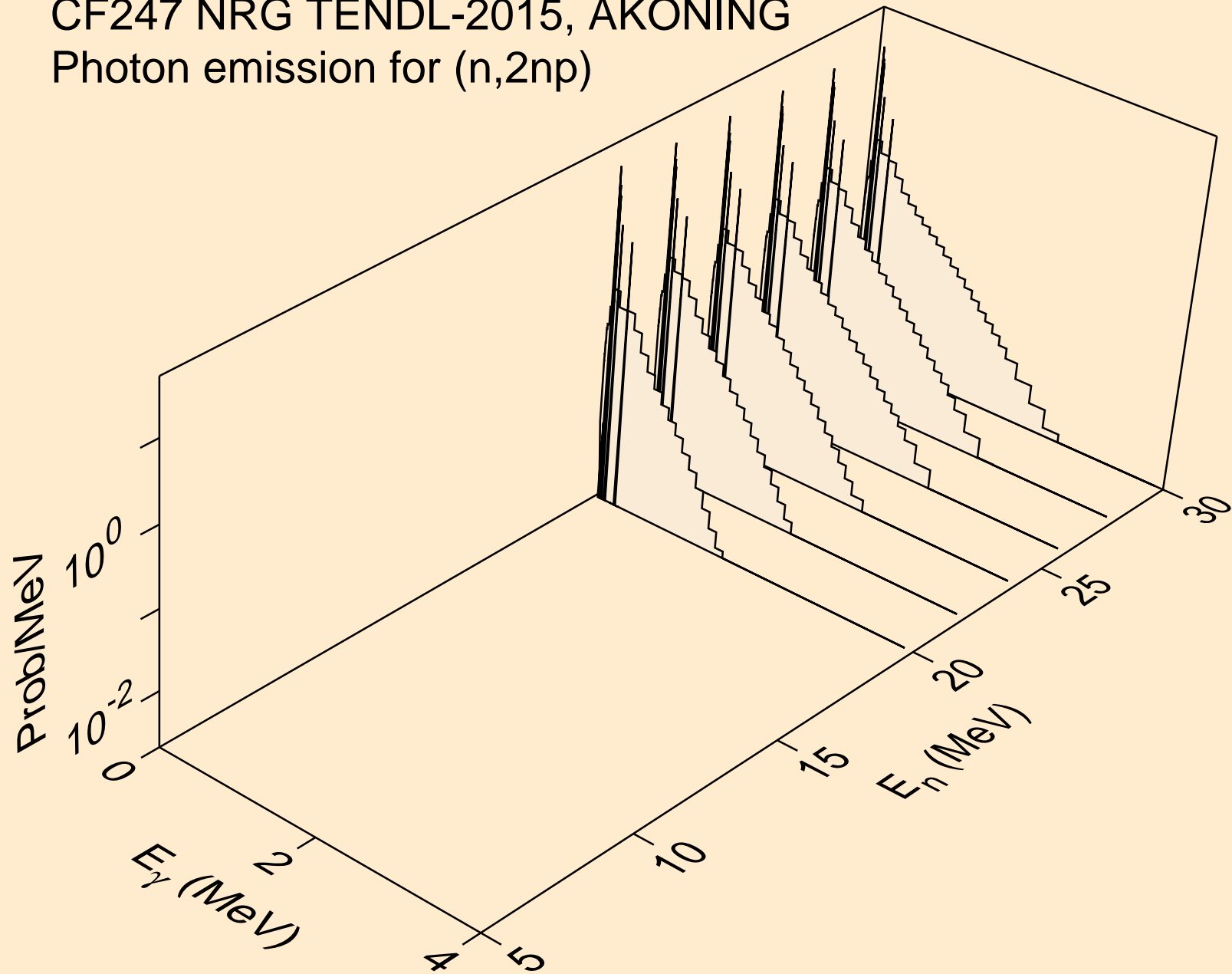


CF247 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)

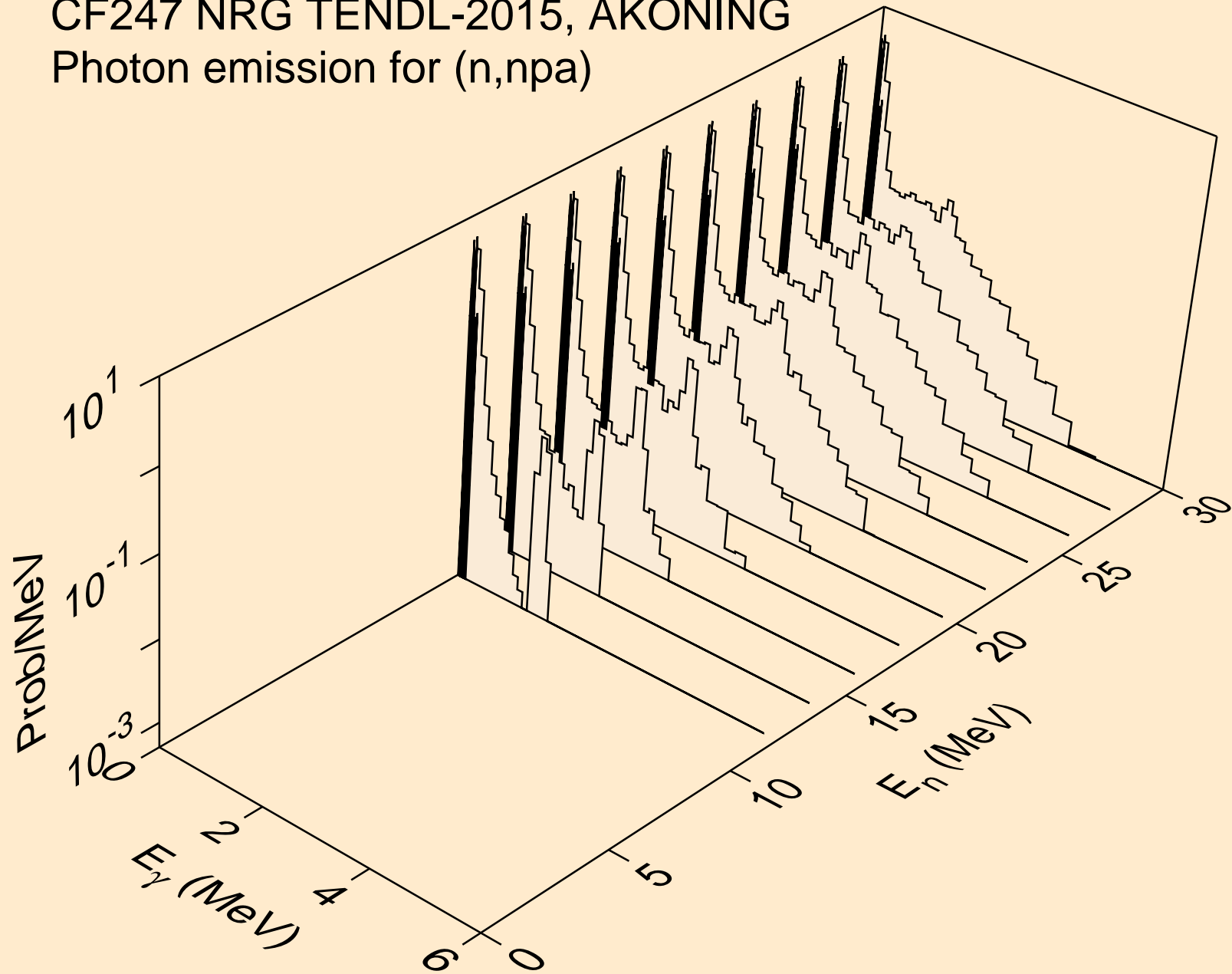




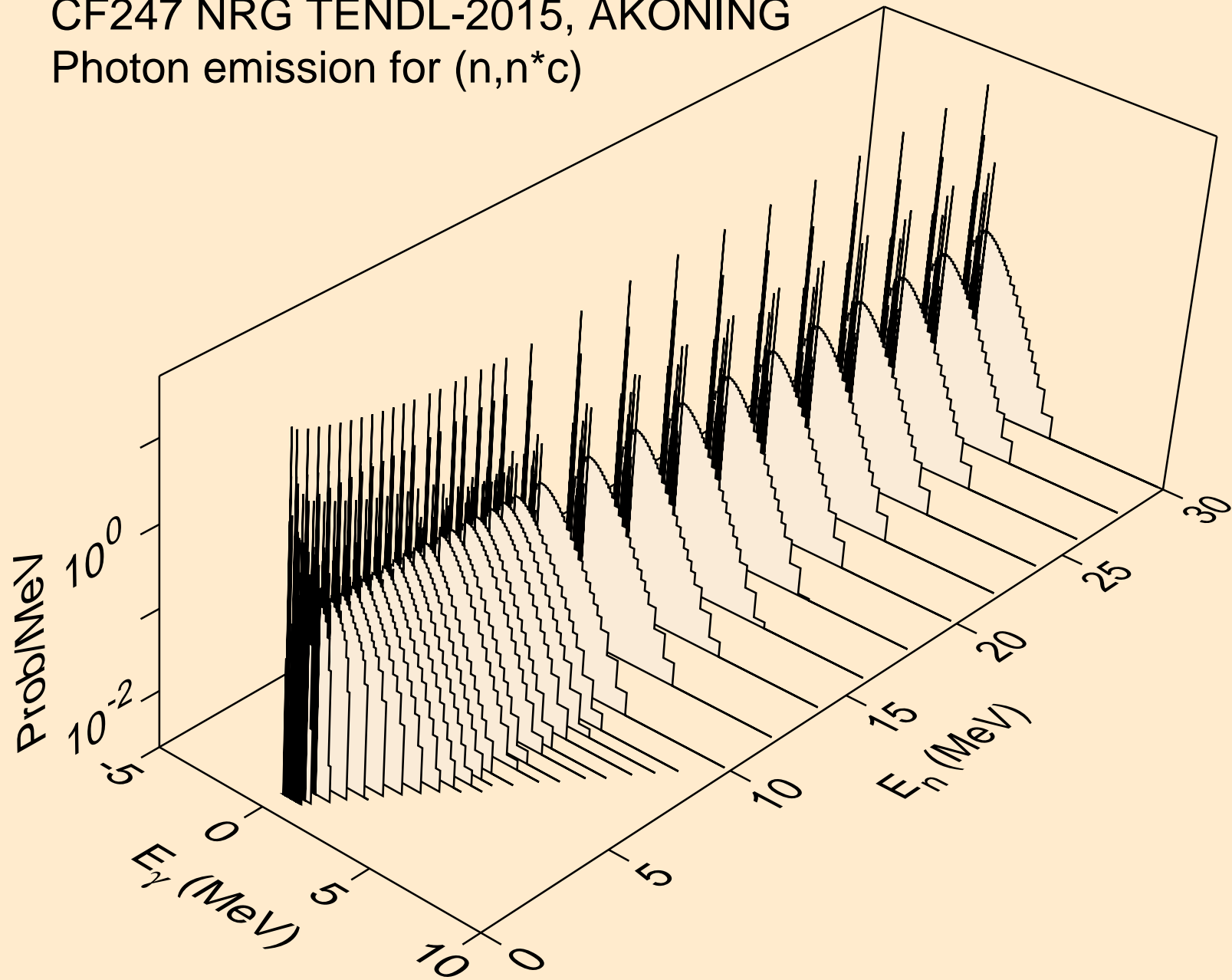
CF247 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



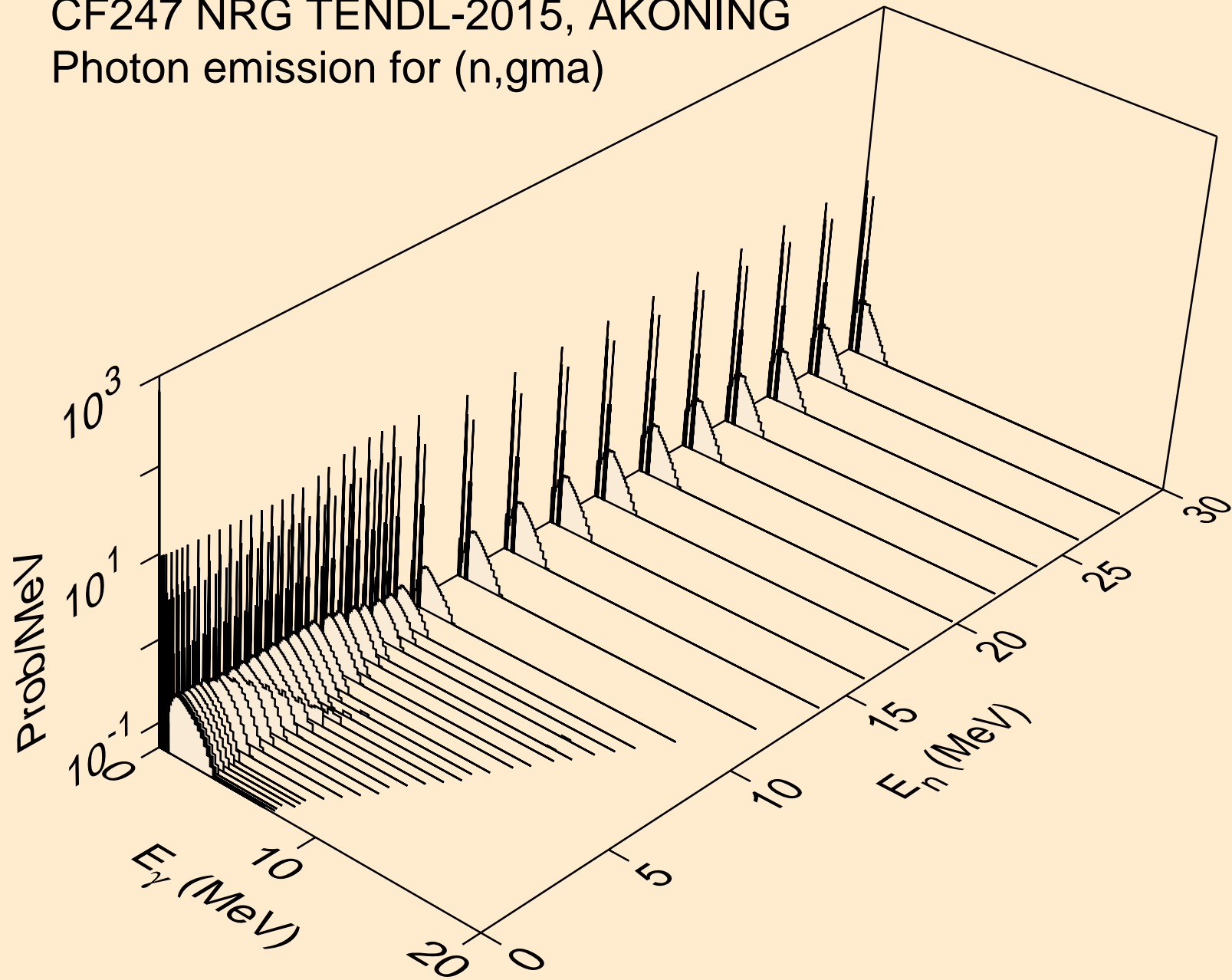
CF247 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



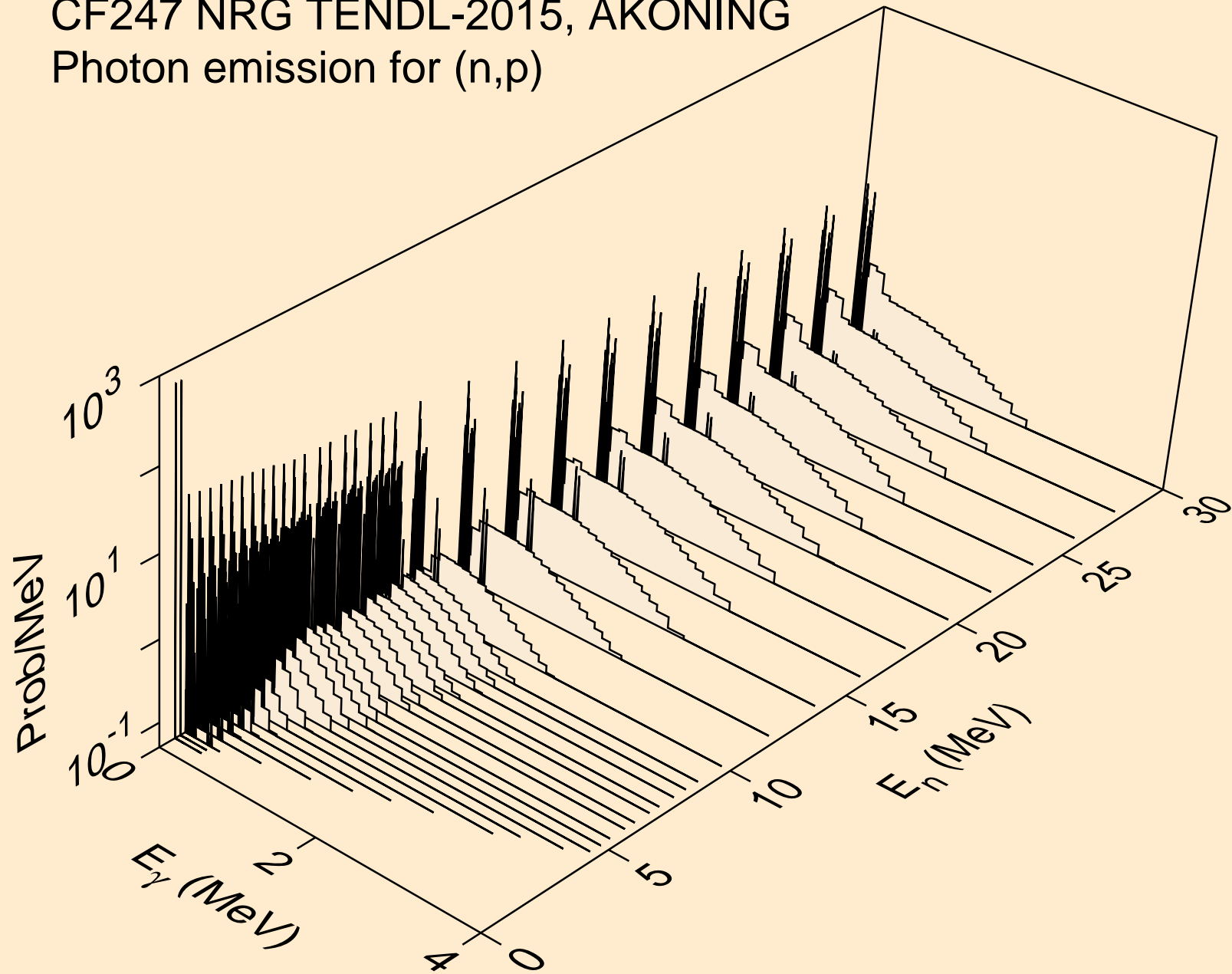
CF247 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



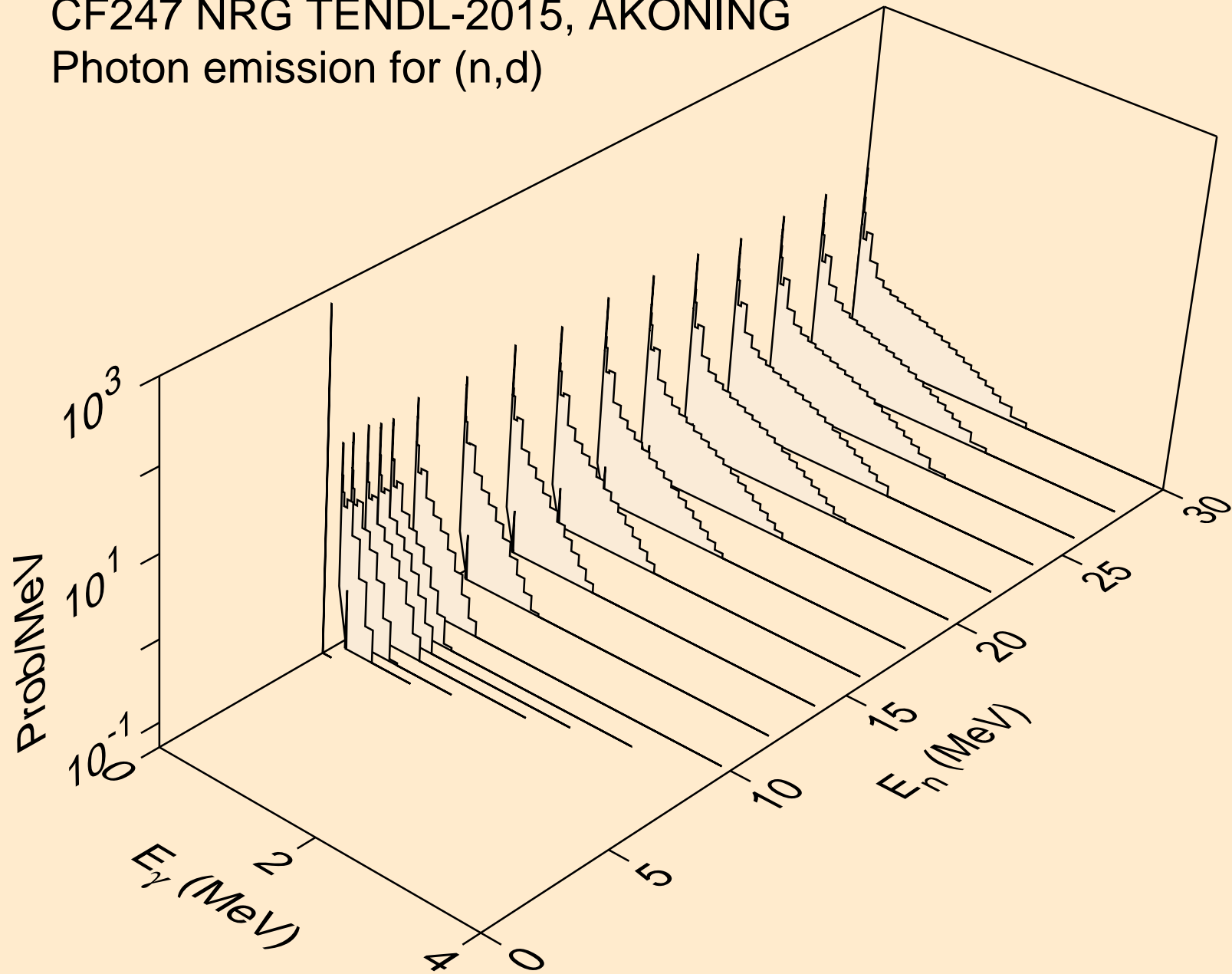
CF247 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



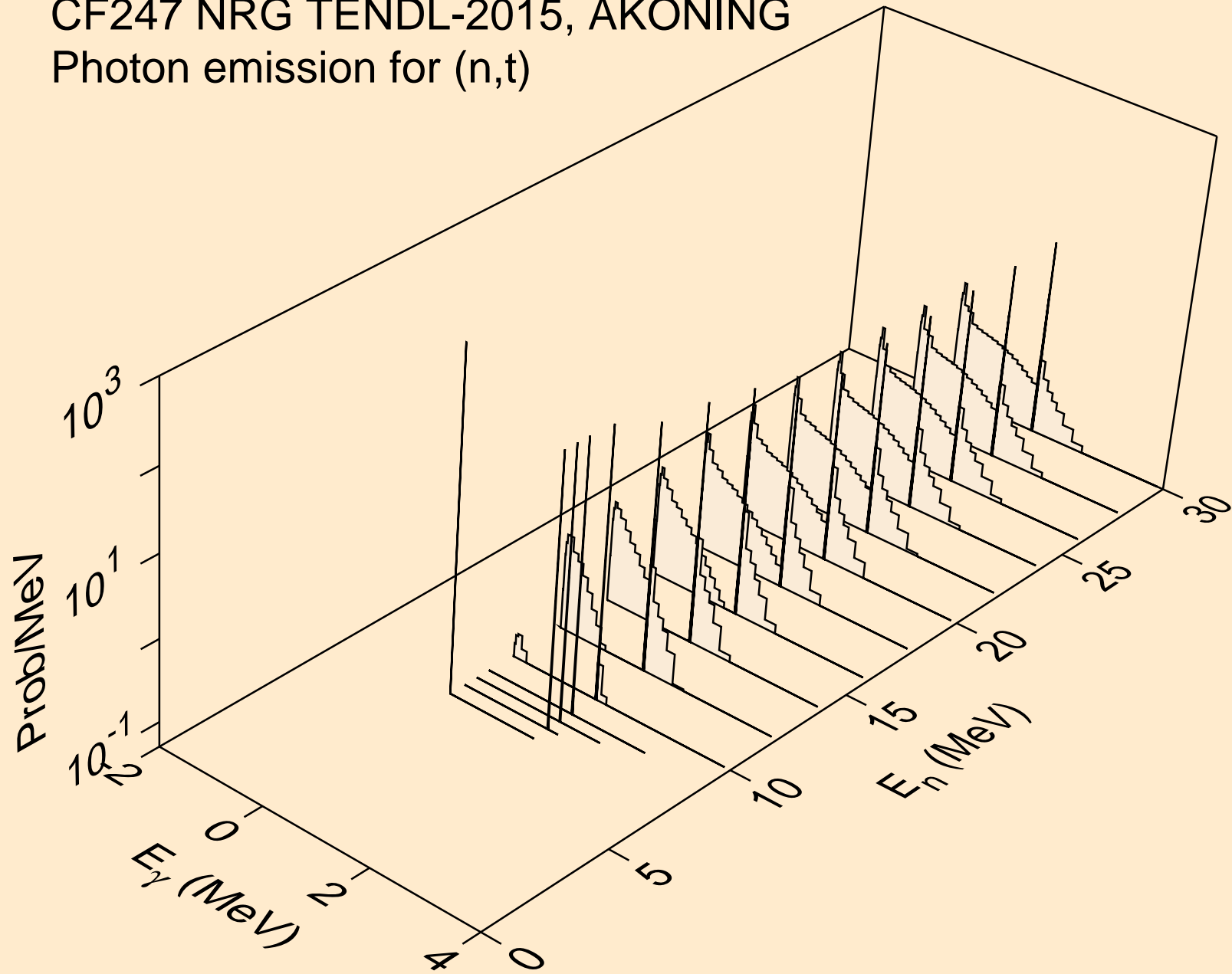
CF247 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



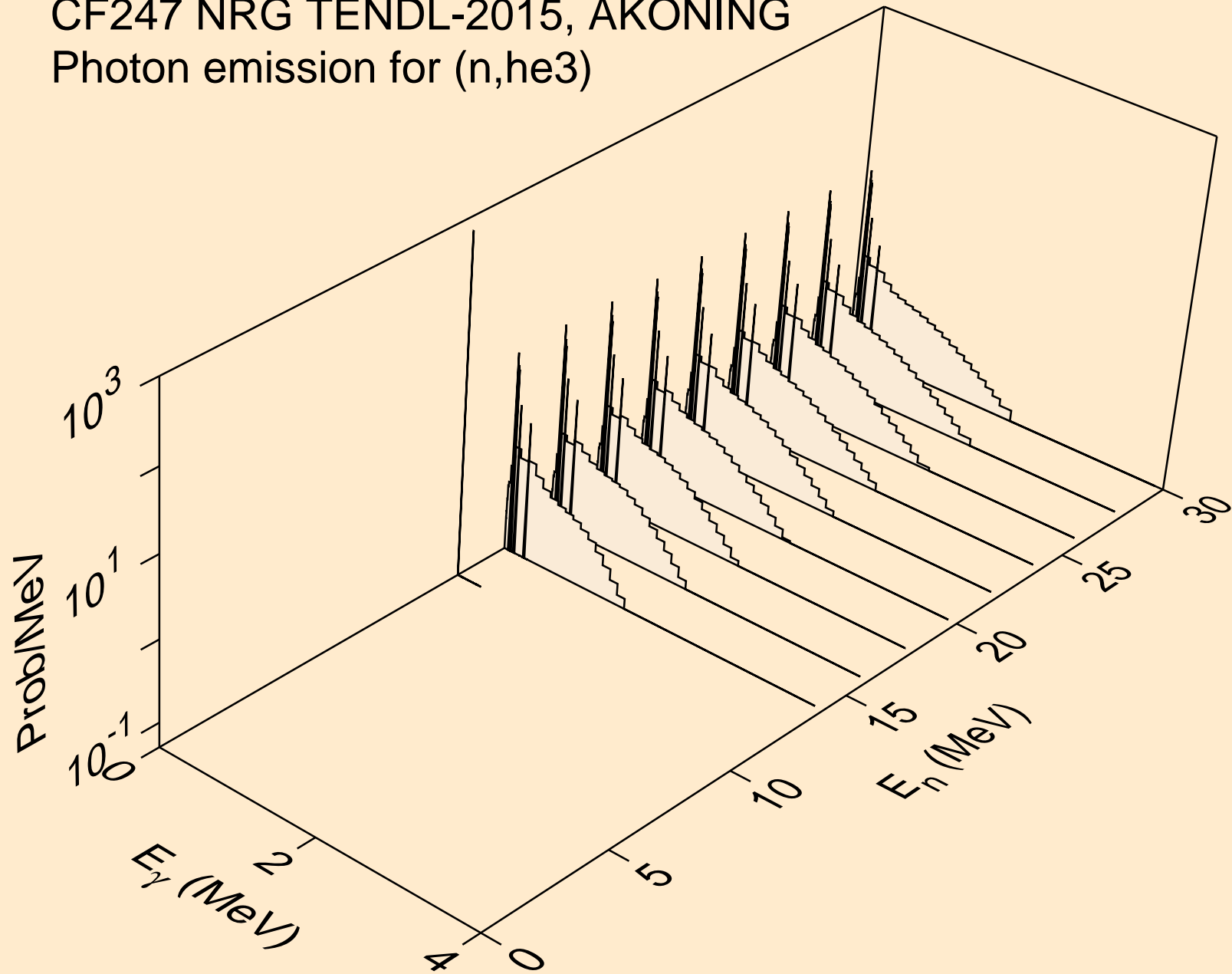
CF247 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



CF247 NRG TENDL-2015, AKONING  
Photon emission for (n,t)

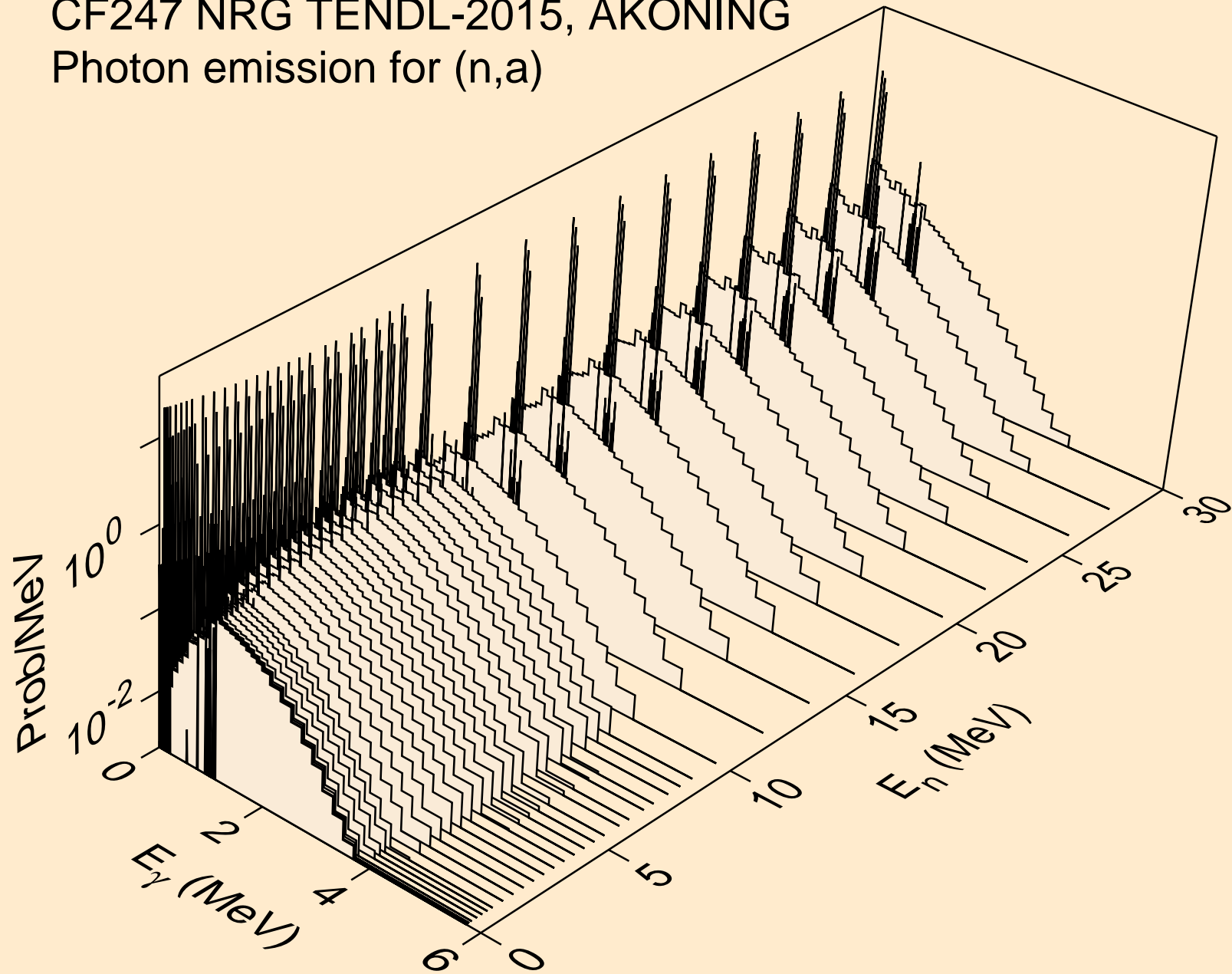


CF247 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)

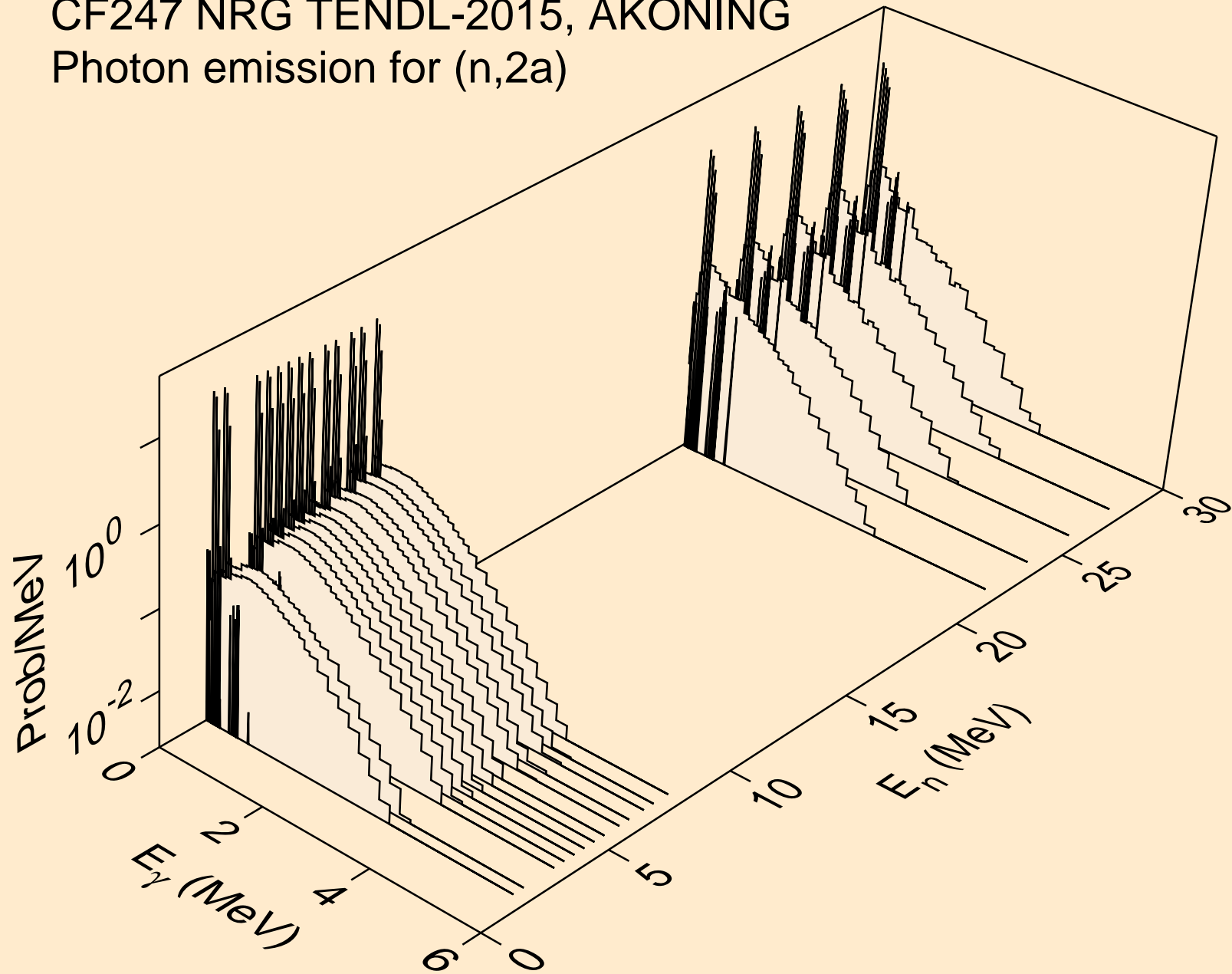




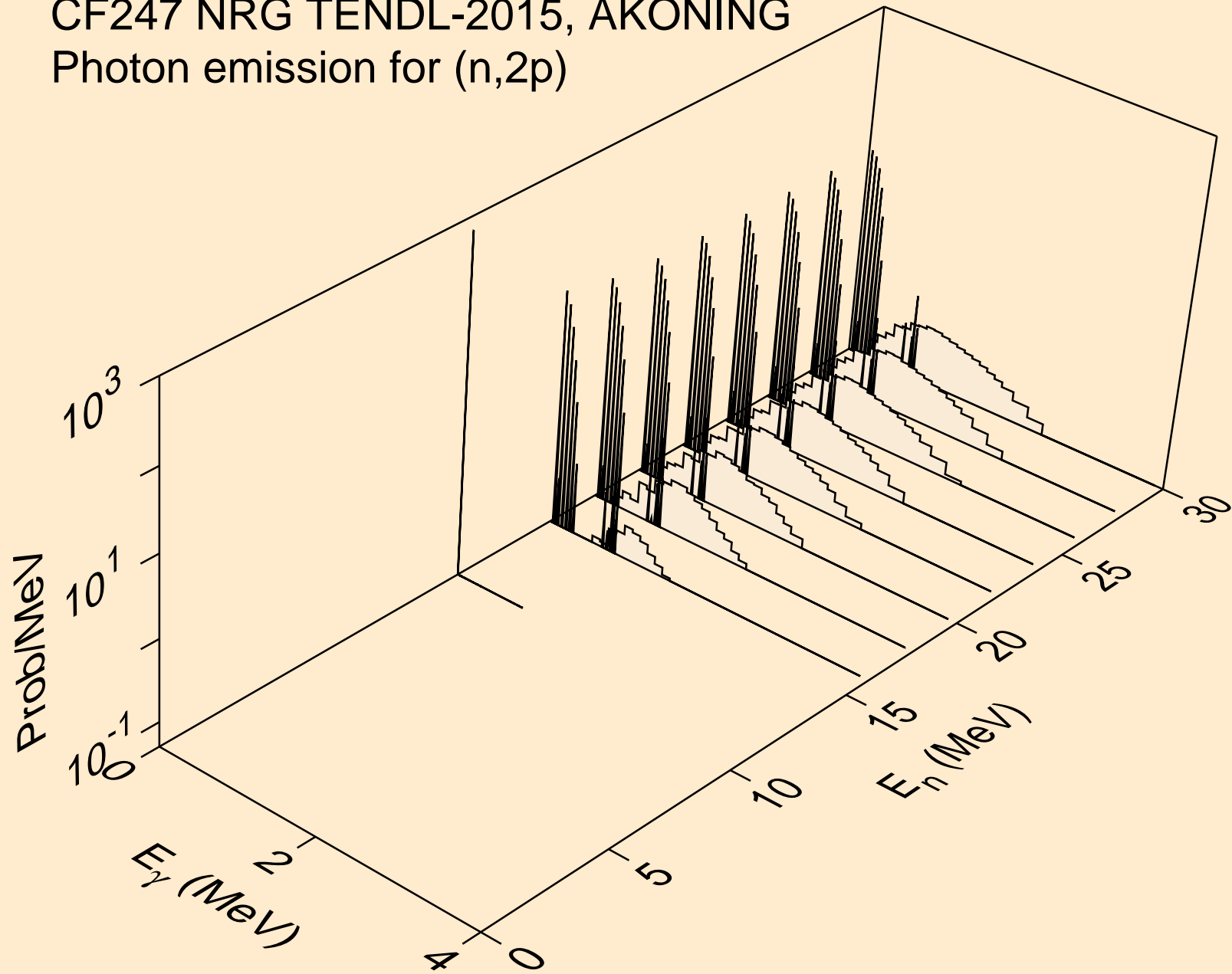
CF247 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



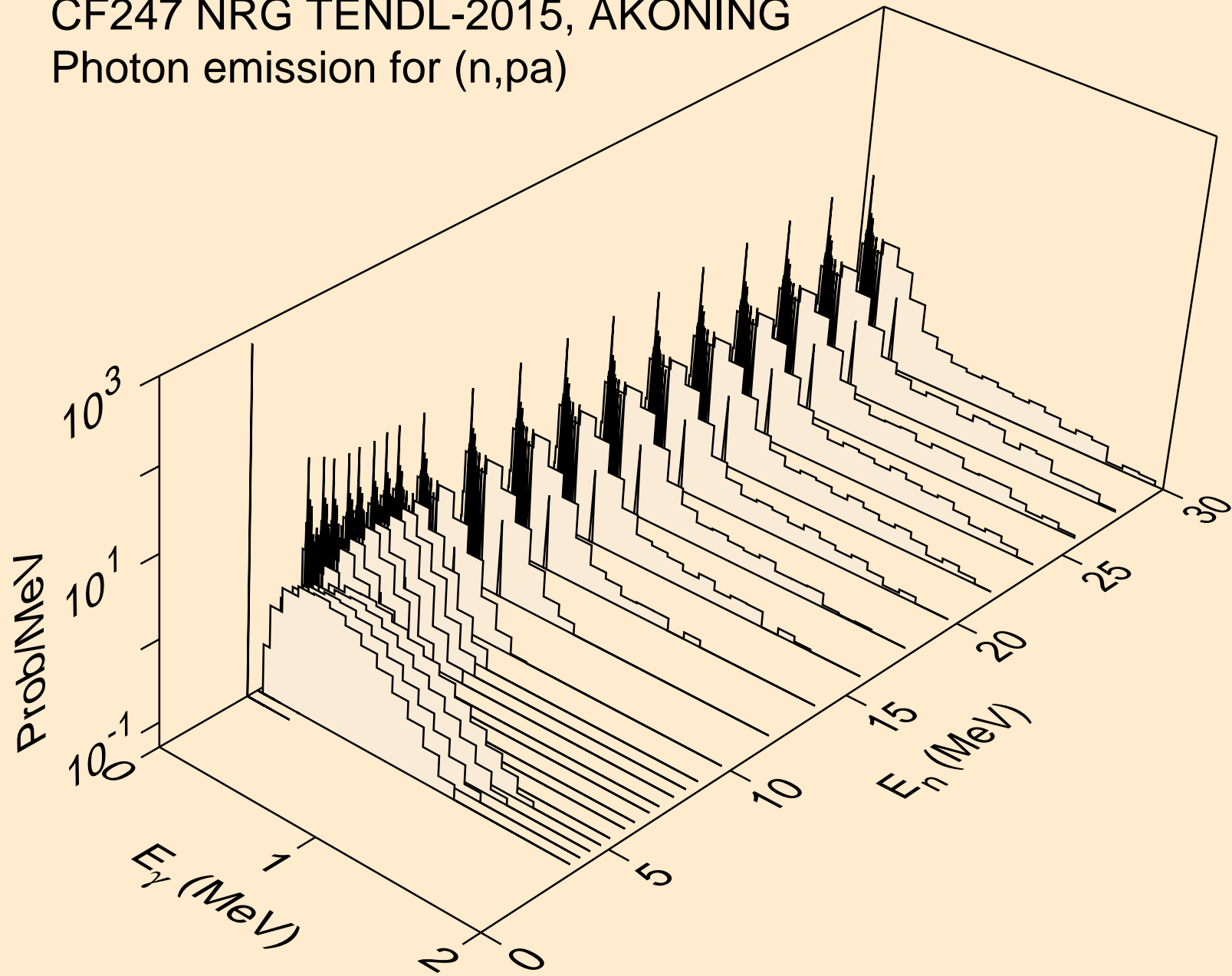
CF247 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



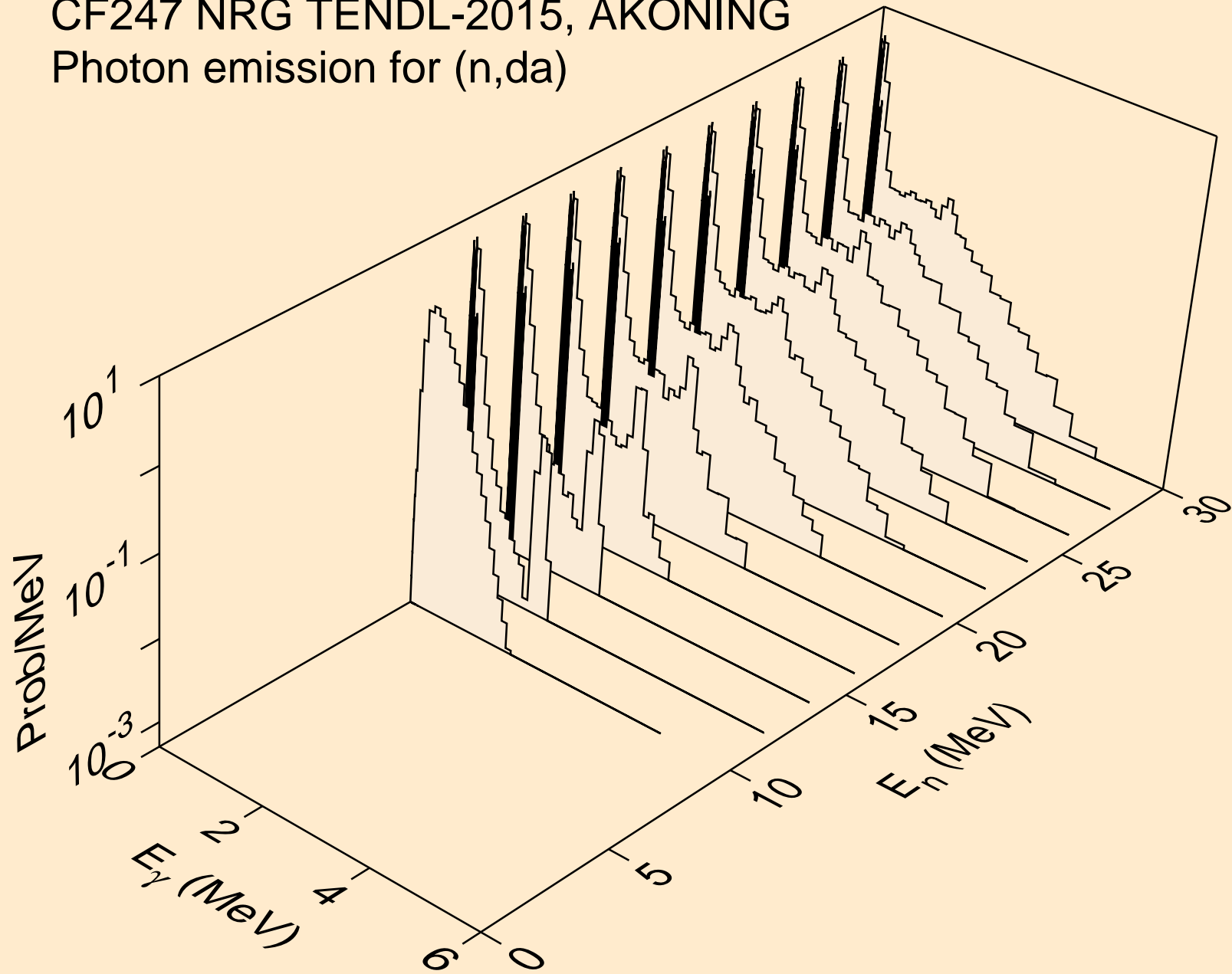
CF247 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



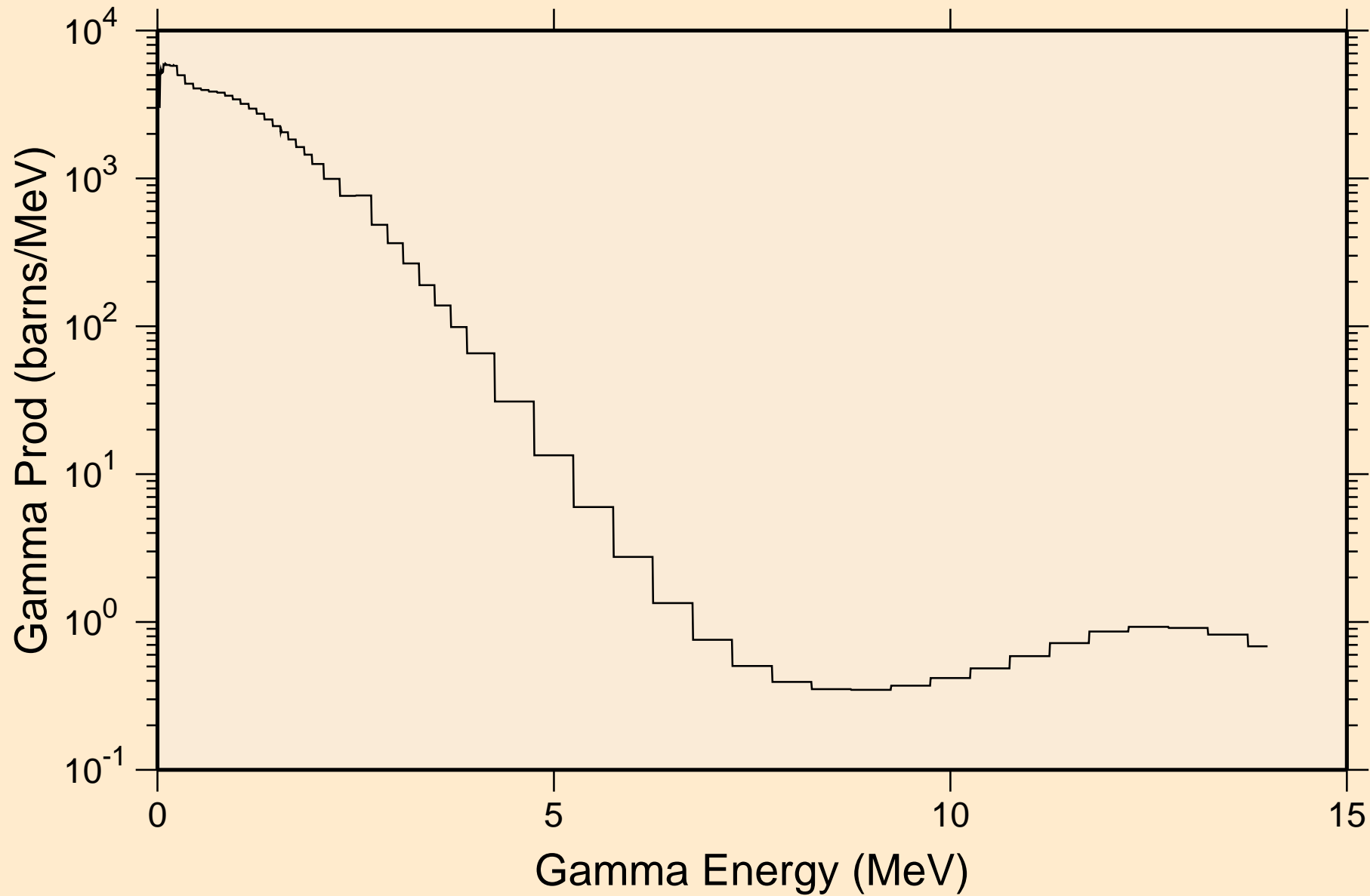
CF247 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)



CF247 NRG TENDL-2015, AKONING  
Photon emission for (n,da)

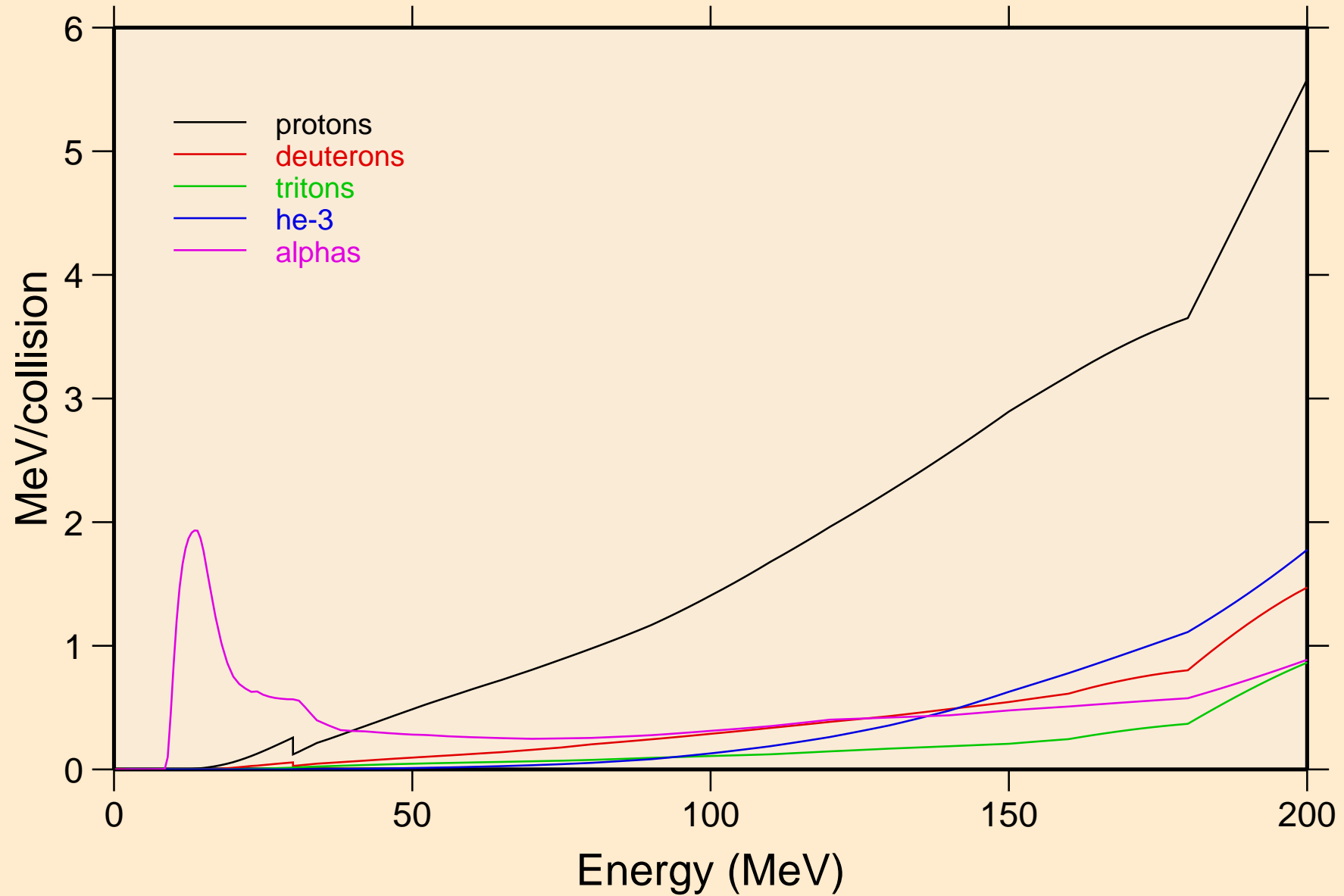


CF247 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



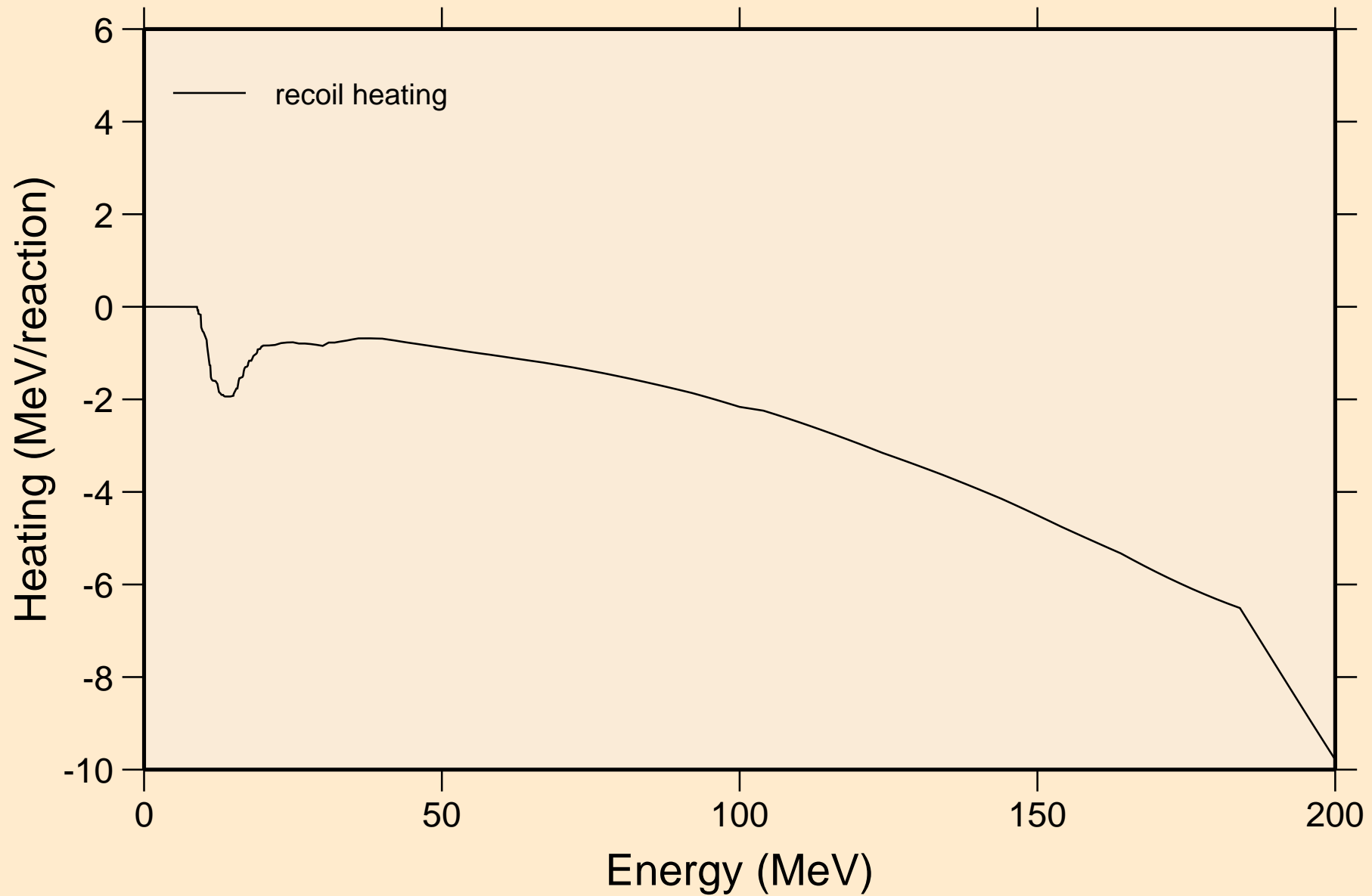
# CF247 NRG TENDL-2015, AKONING

## Particle heating contributions



# CF247 NRG TENDL-2015, AKONING

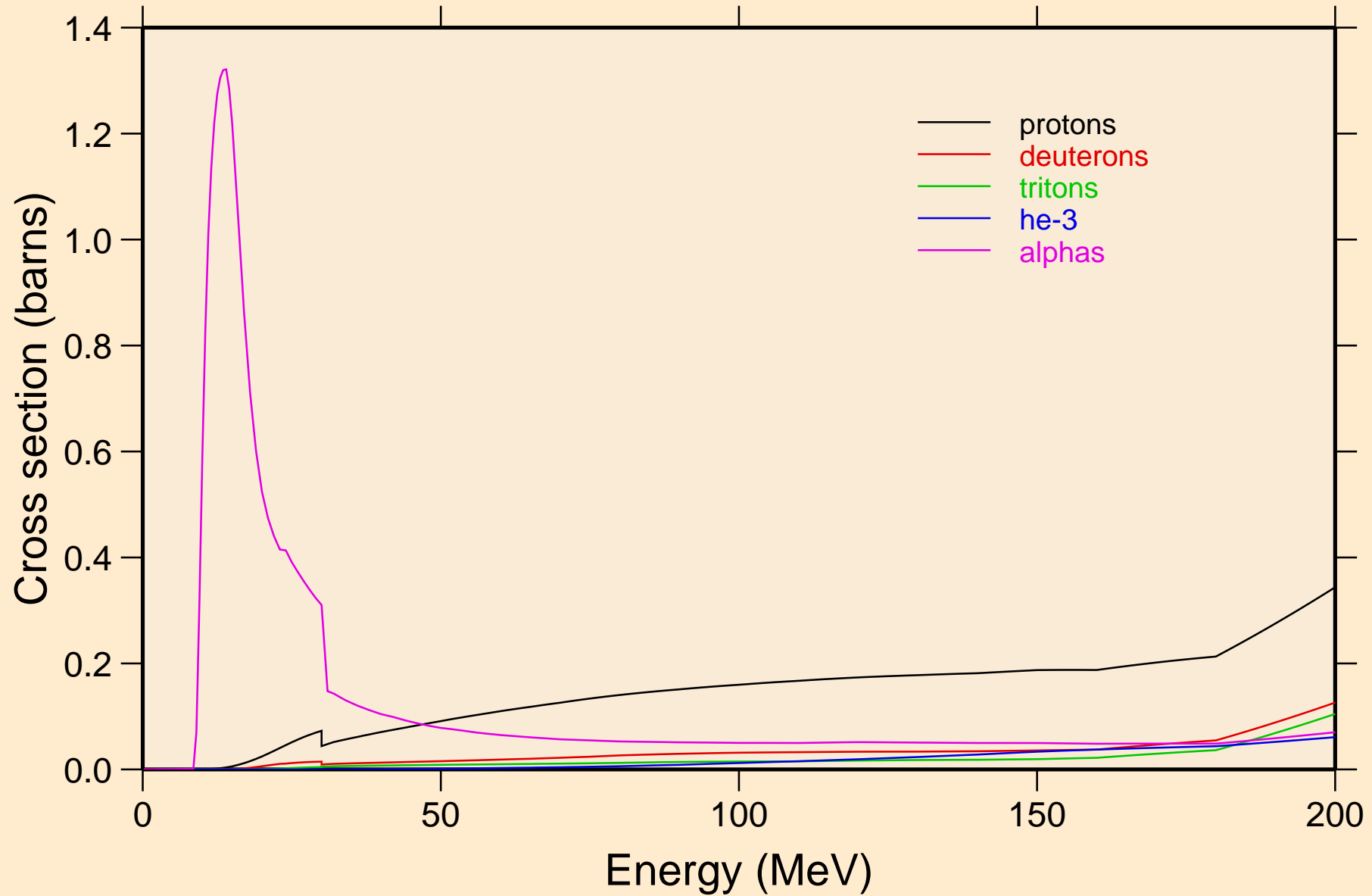
## Recoil Heating



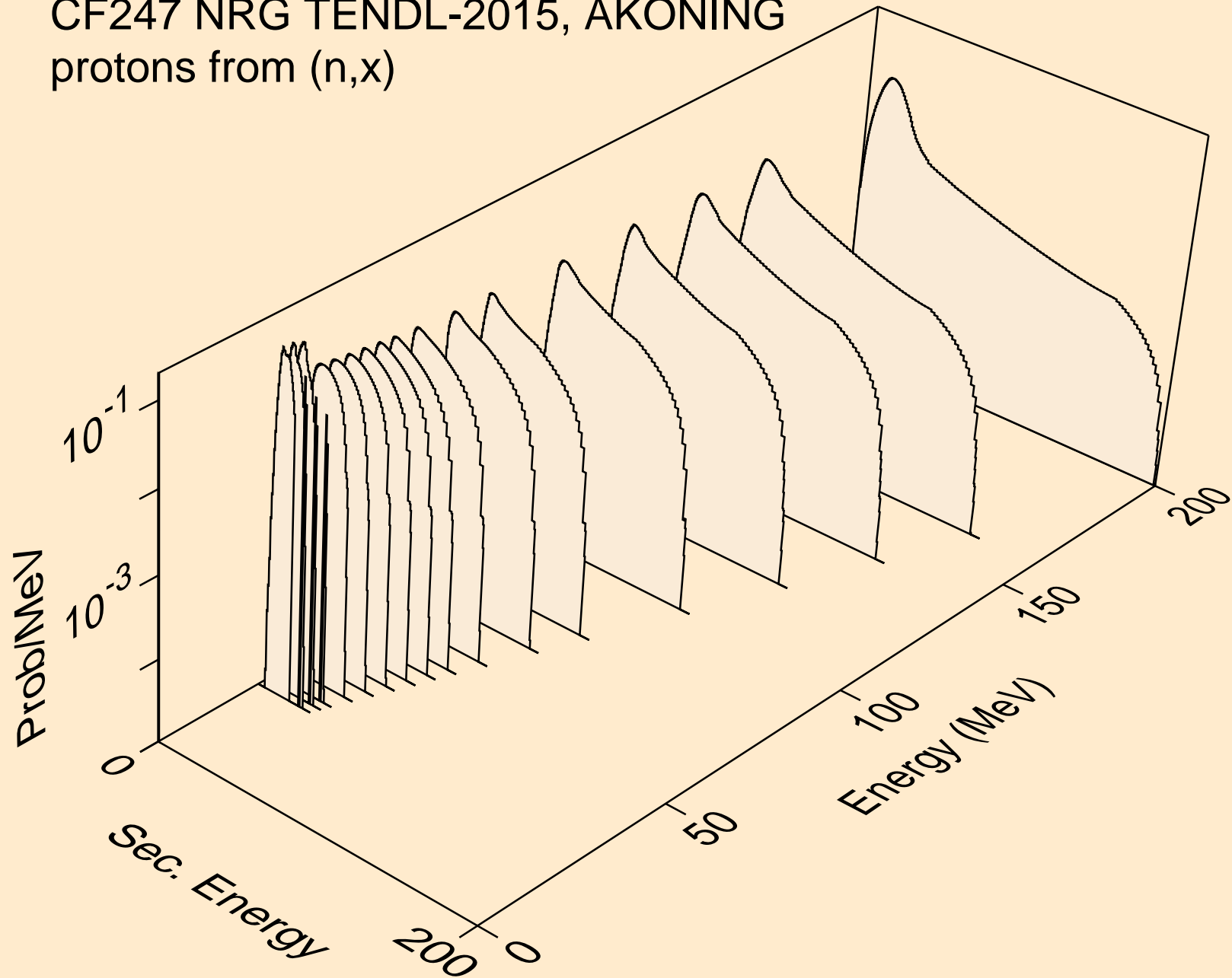


# CF247 NRG TENDL-2015, AKONING

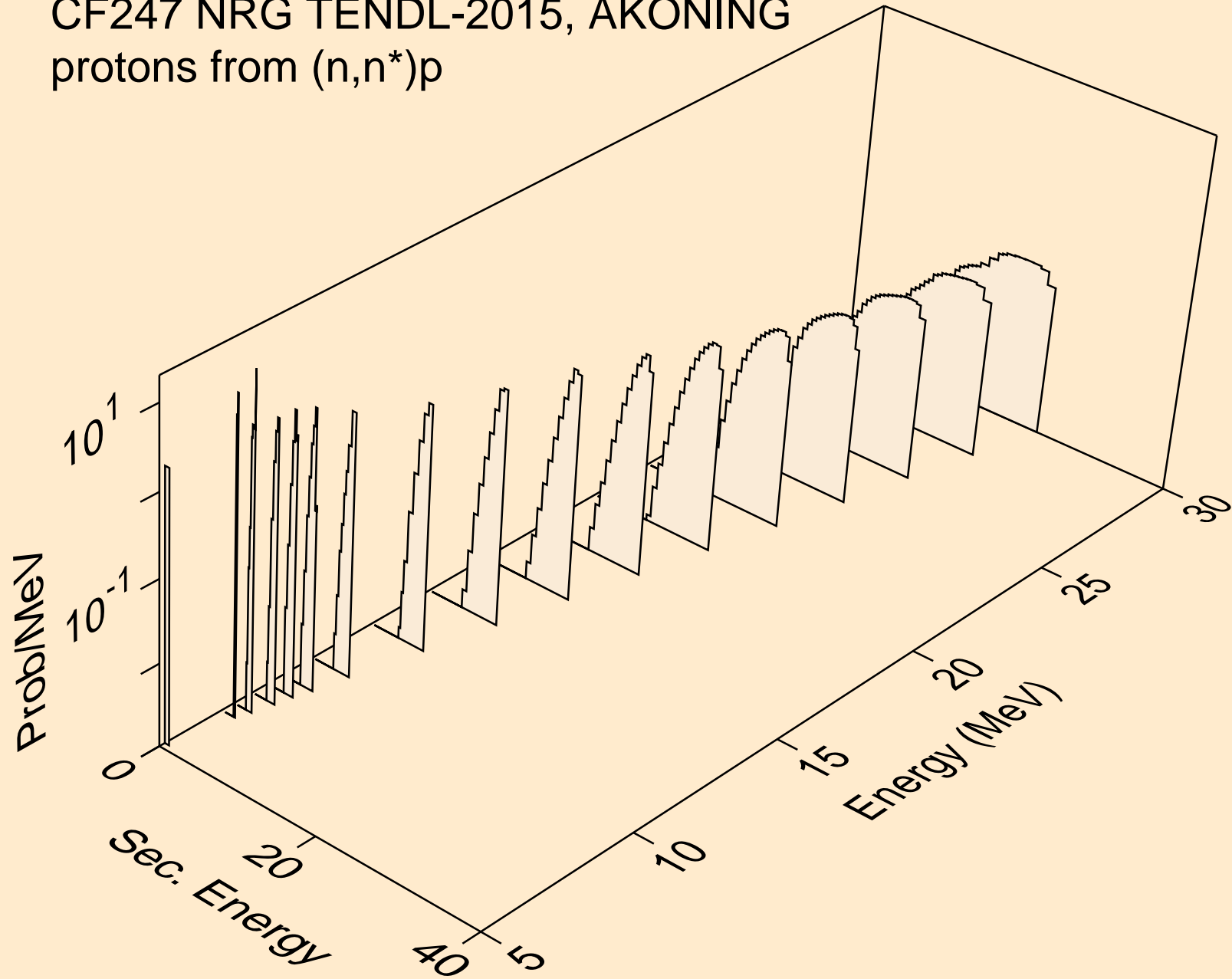
## Particle production cross sections



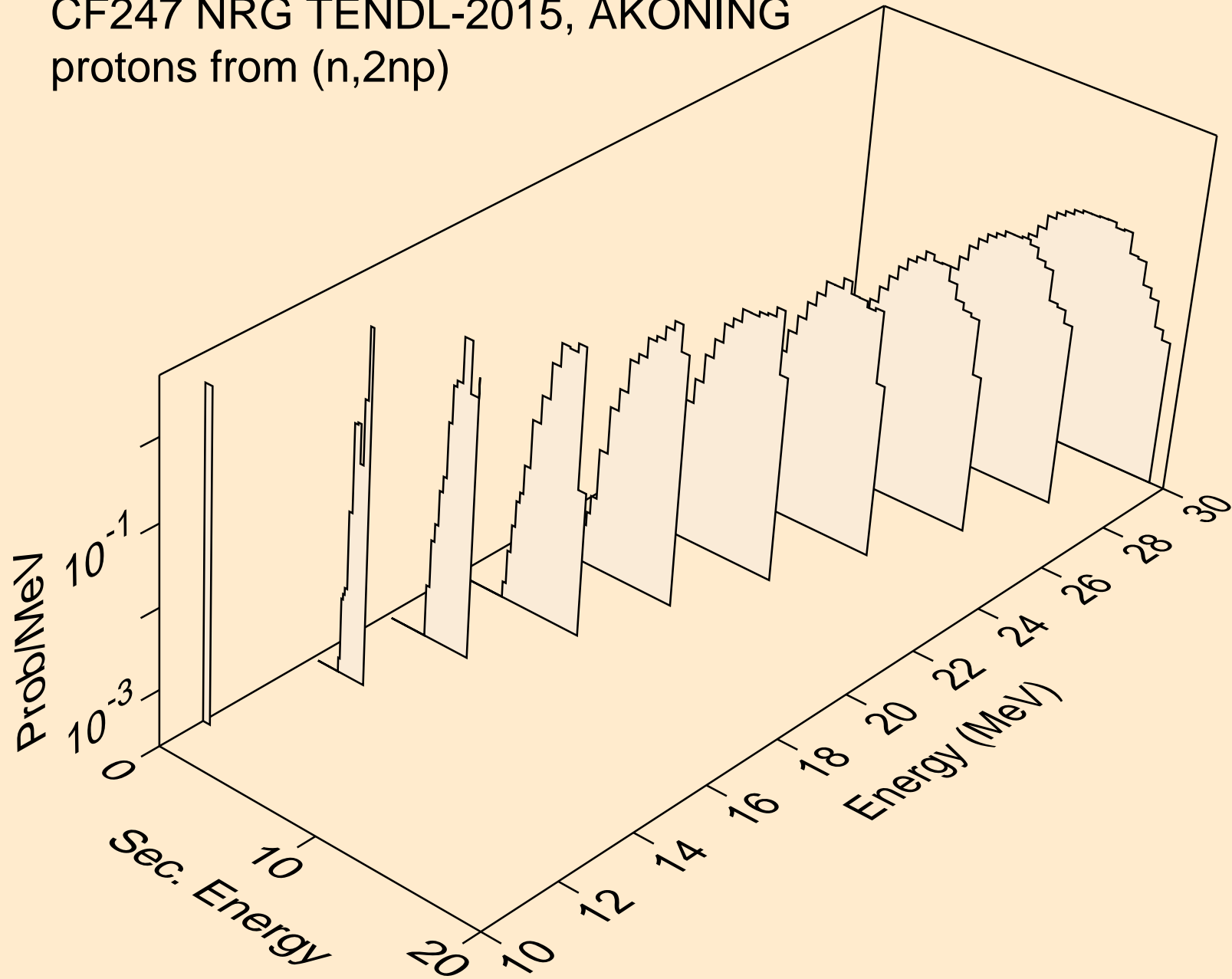
CF247 NRG TENDL-2015, AKONING  
protons from (n,x)



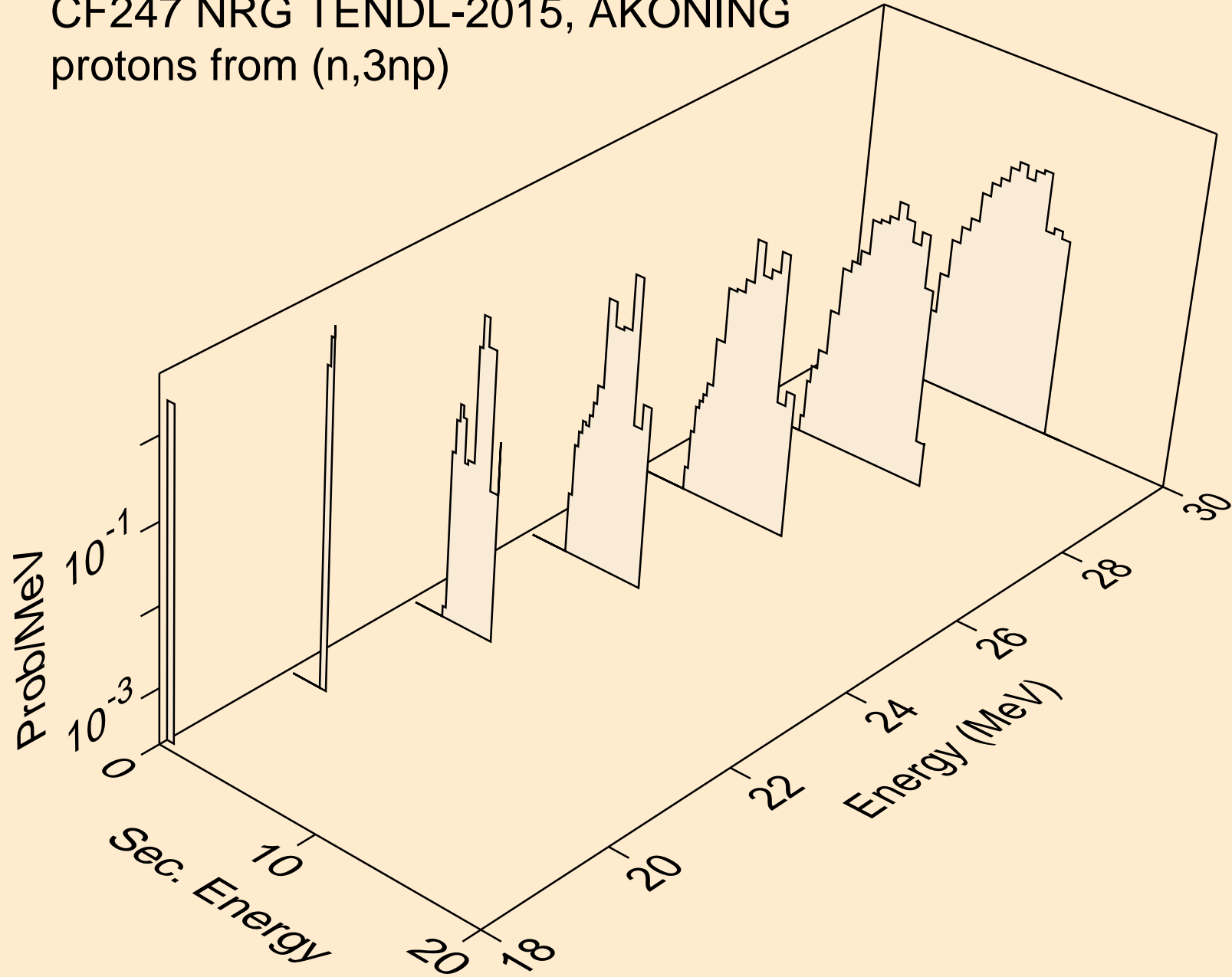
CF247 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



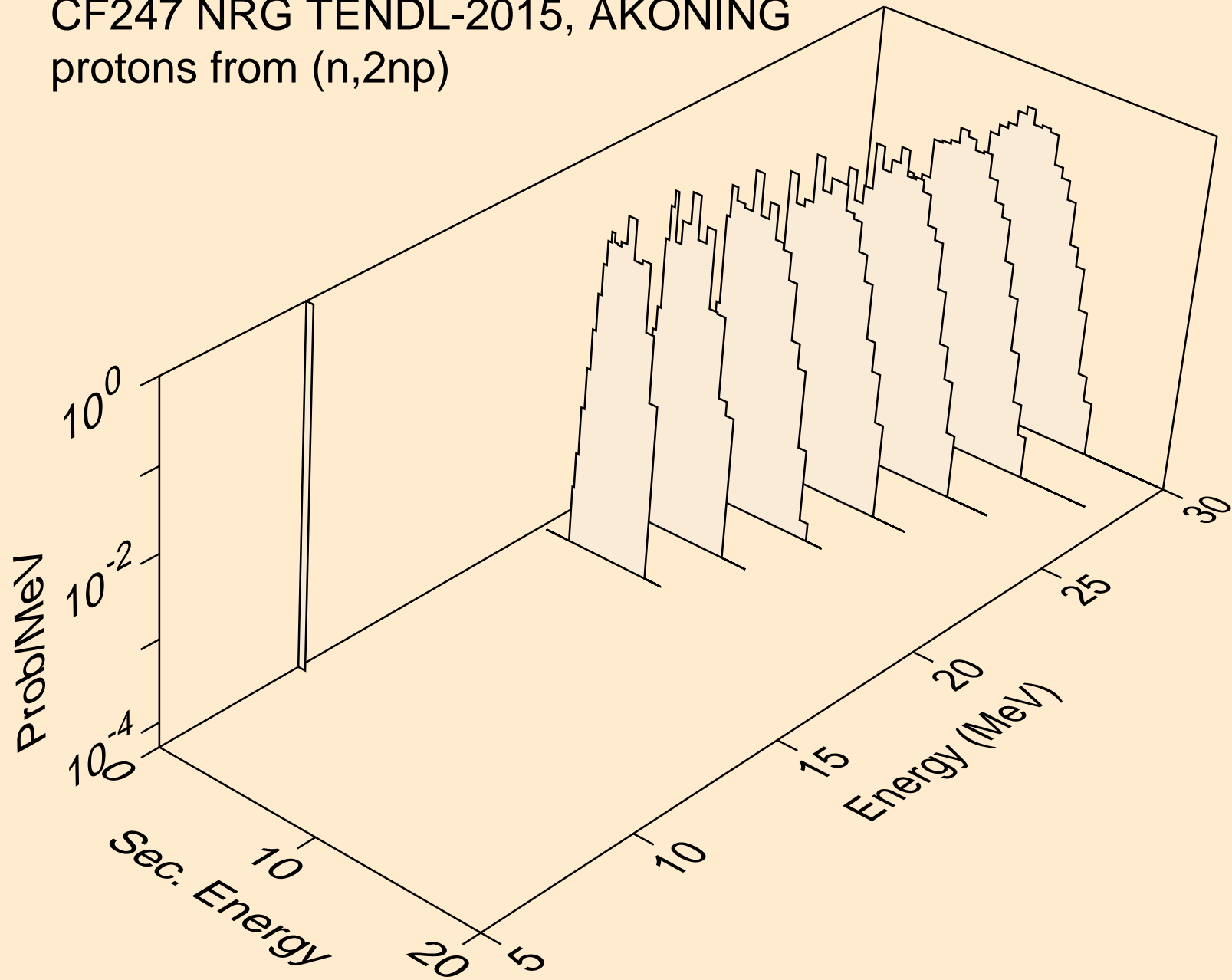
CF247 NRG TENDL-2015, AKONING  
protons from (n,2np)



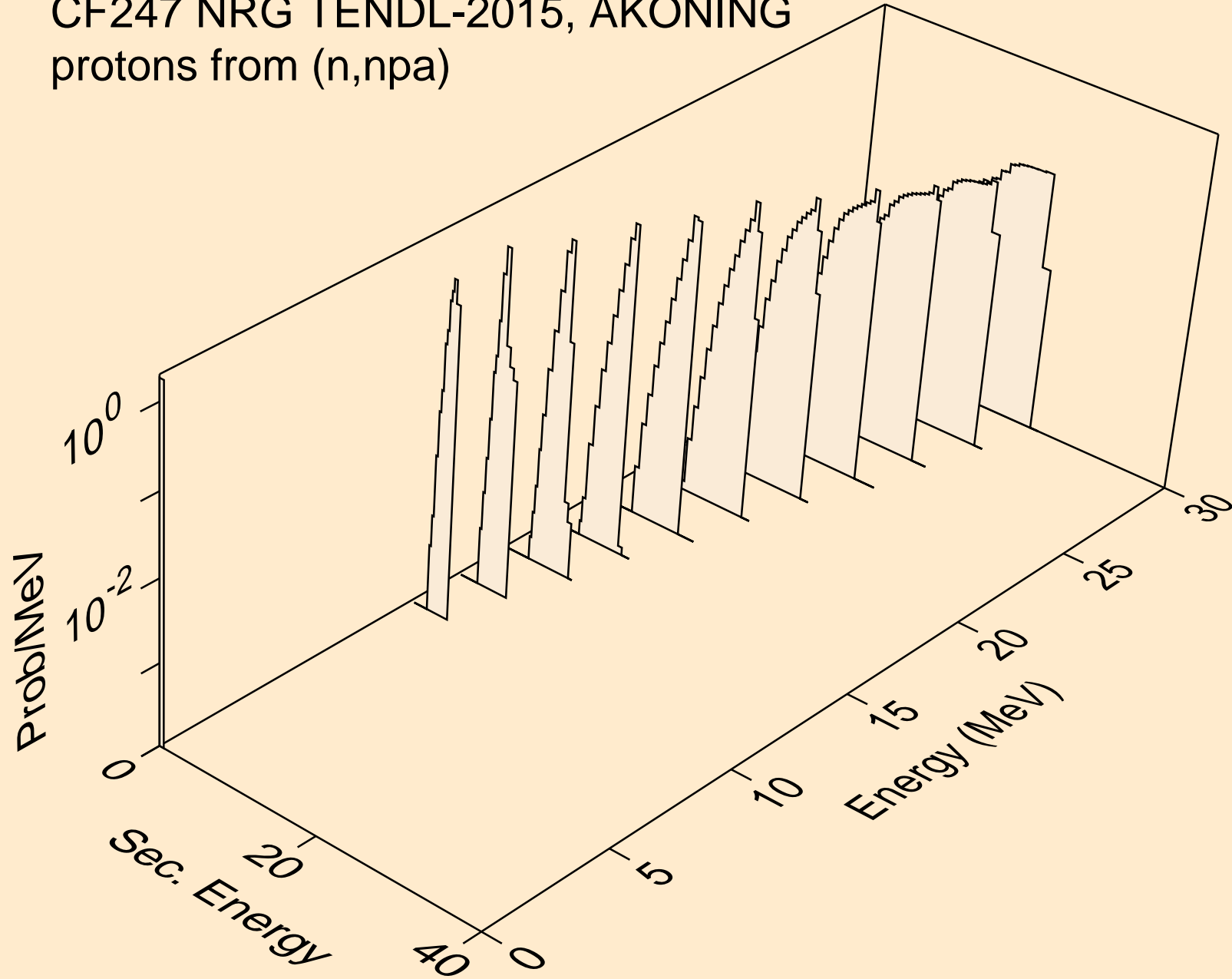
CF247 NRG TENDL-2015, AKONING  
protons from (n,3np)



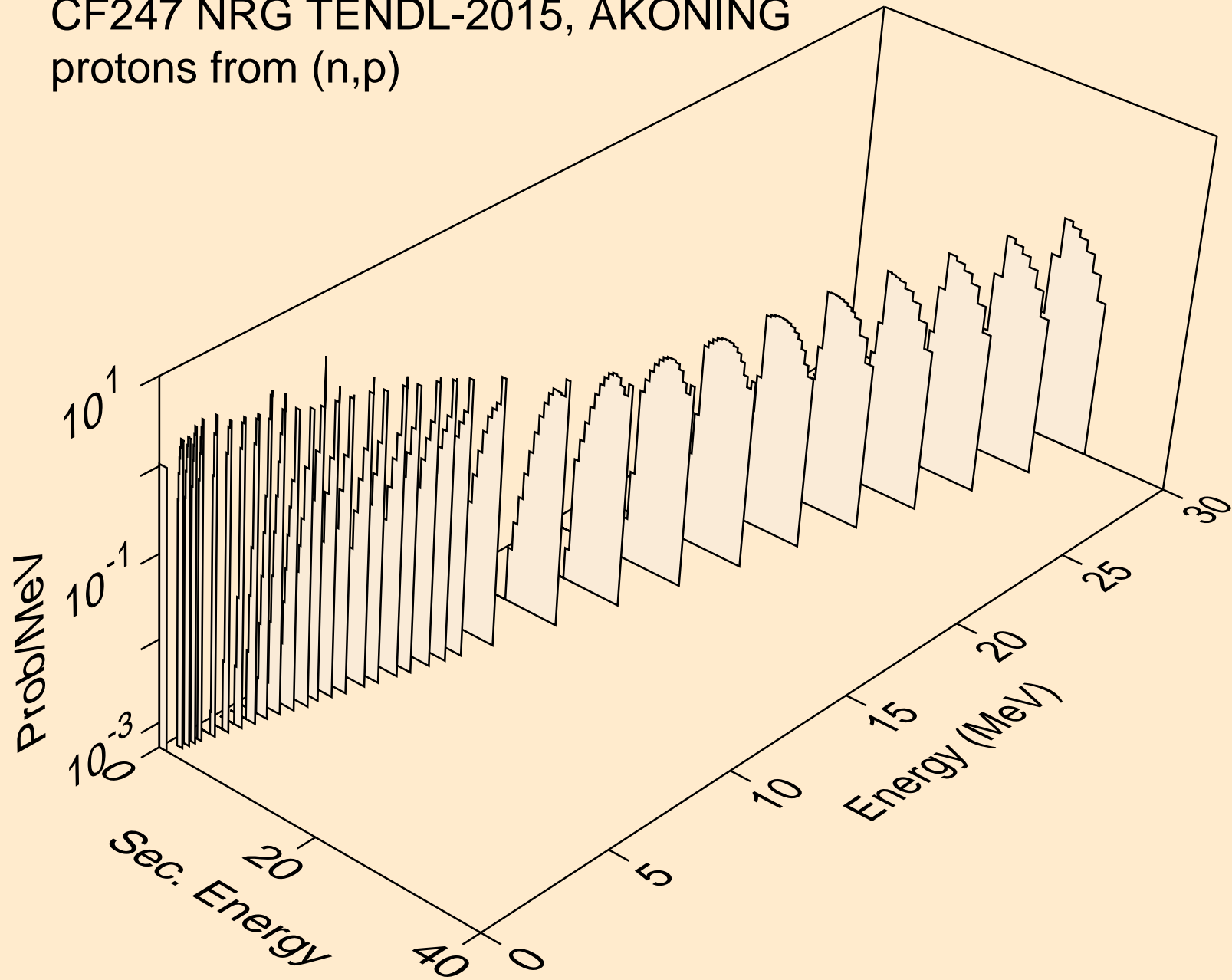
CF247 NRG TENDL-2015, AKONING  
protons from (n,2np)



CF247 NRG TENDL-2015, AKONING  
protons from (n,npa)

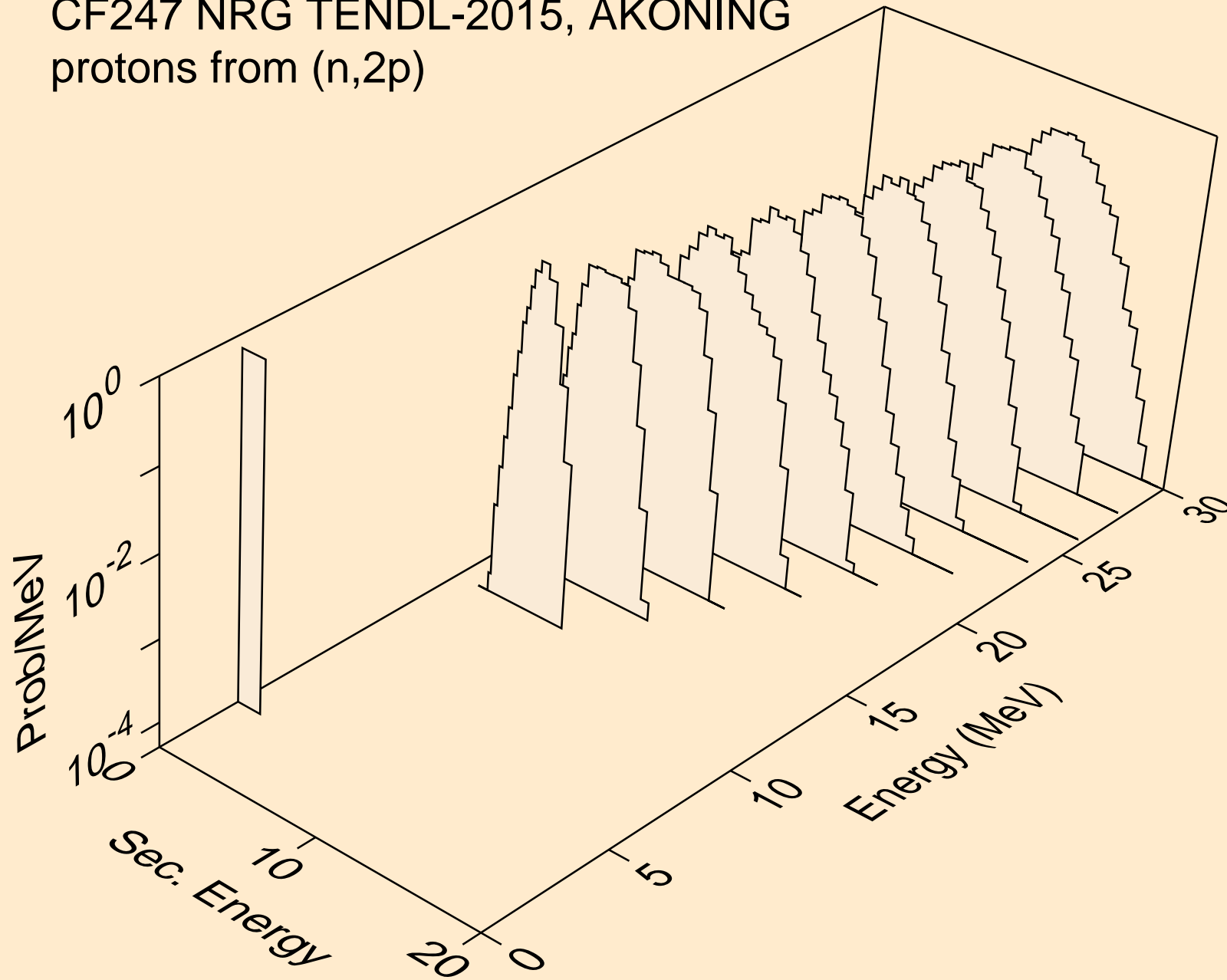


CF247 NRG TENDL-2015, AKONING  
protons from (n,p)

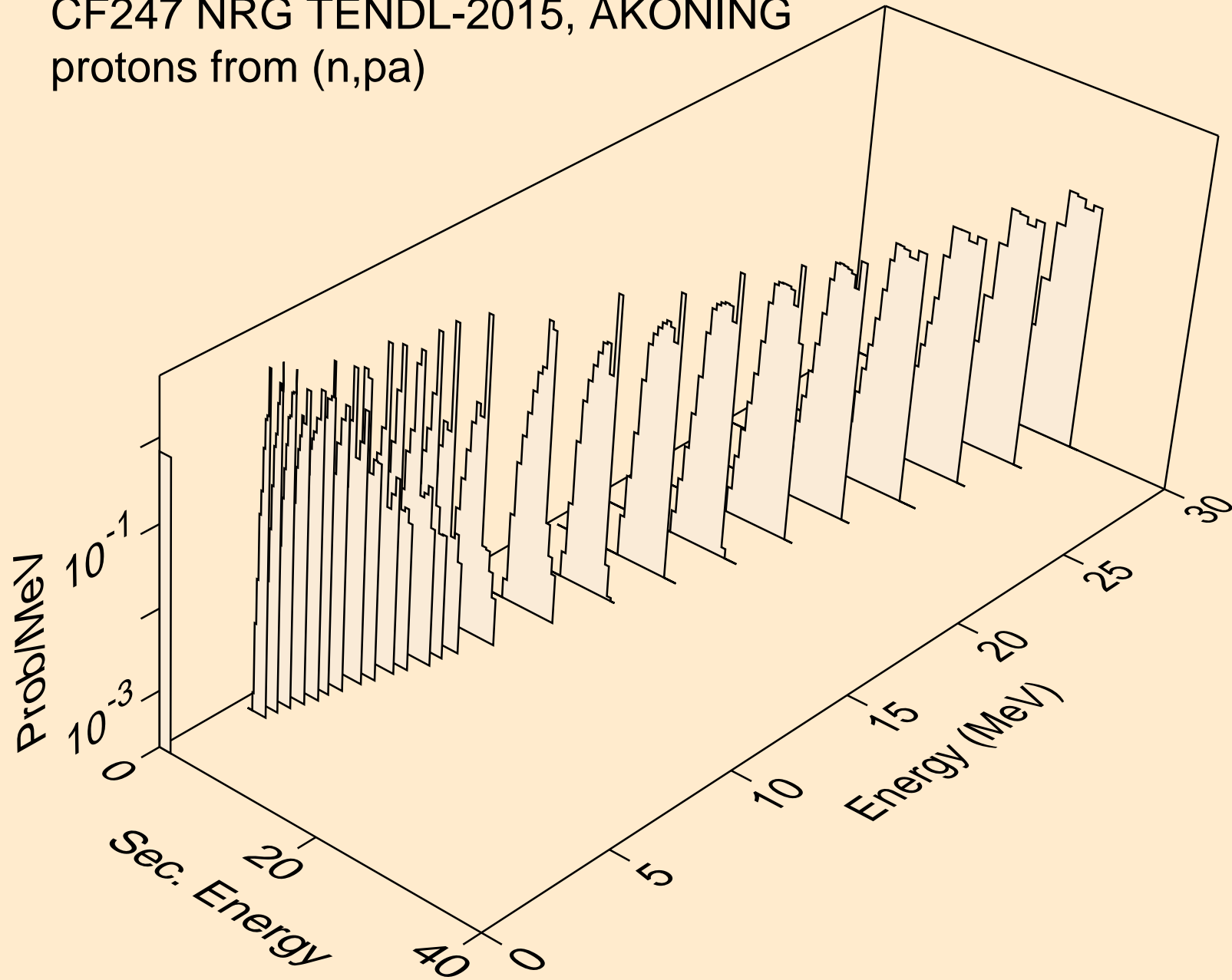




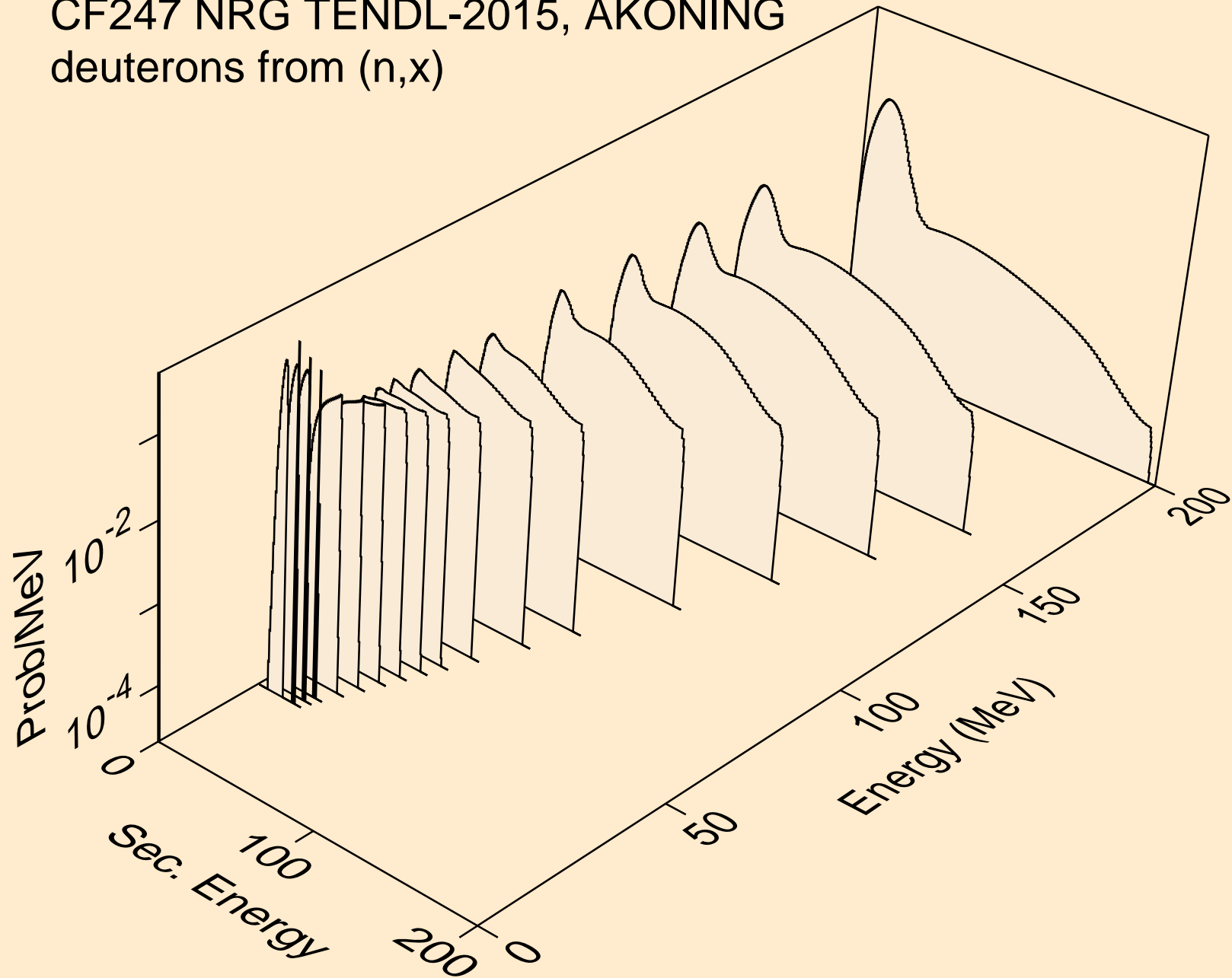
CF247 NRG TENDL-2015, AKONING  
protons from (n,2p)



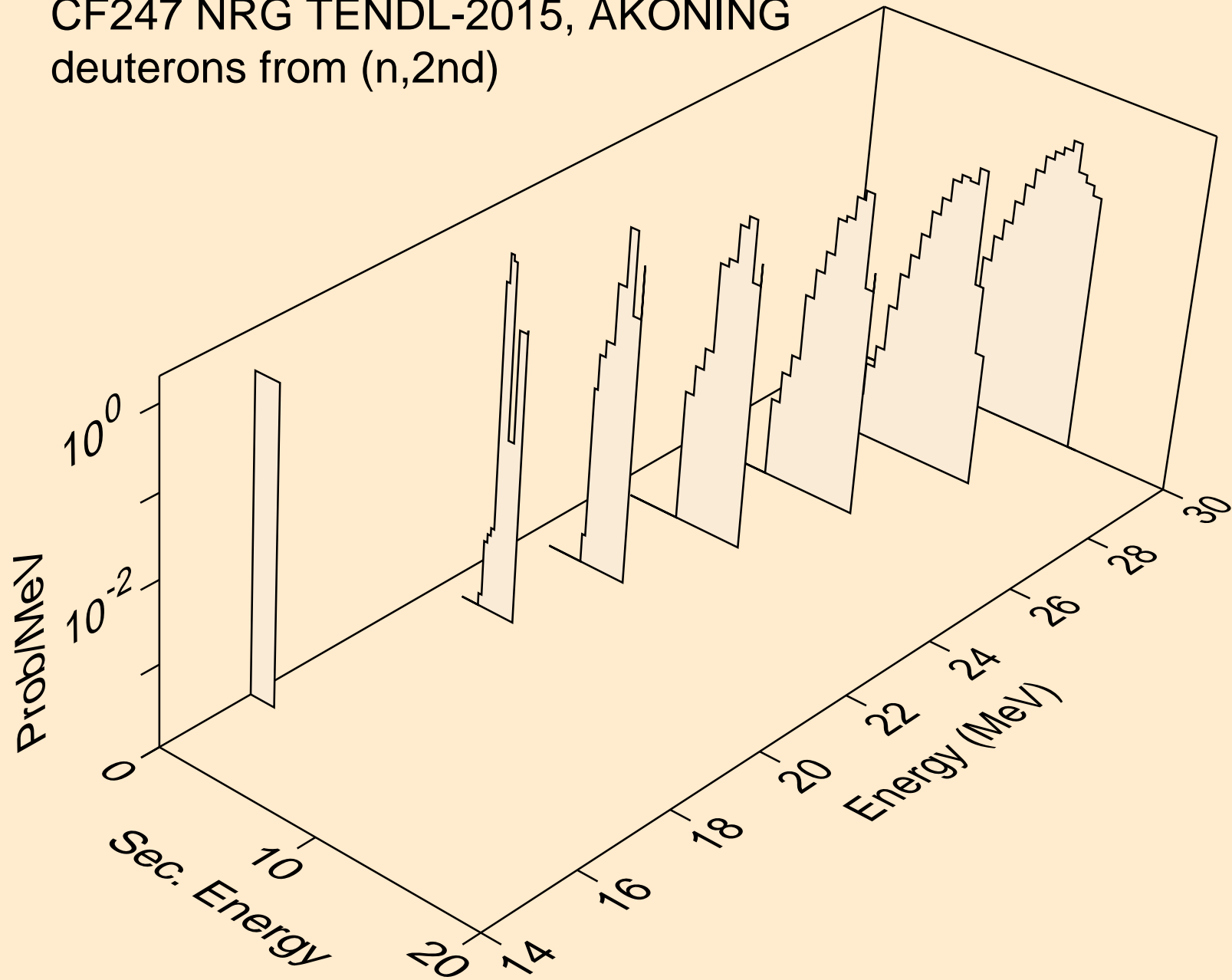
CF247 NRG TENDL-2015, AKONING  
protons from (n,pa)



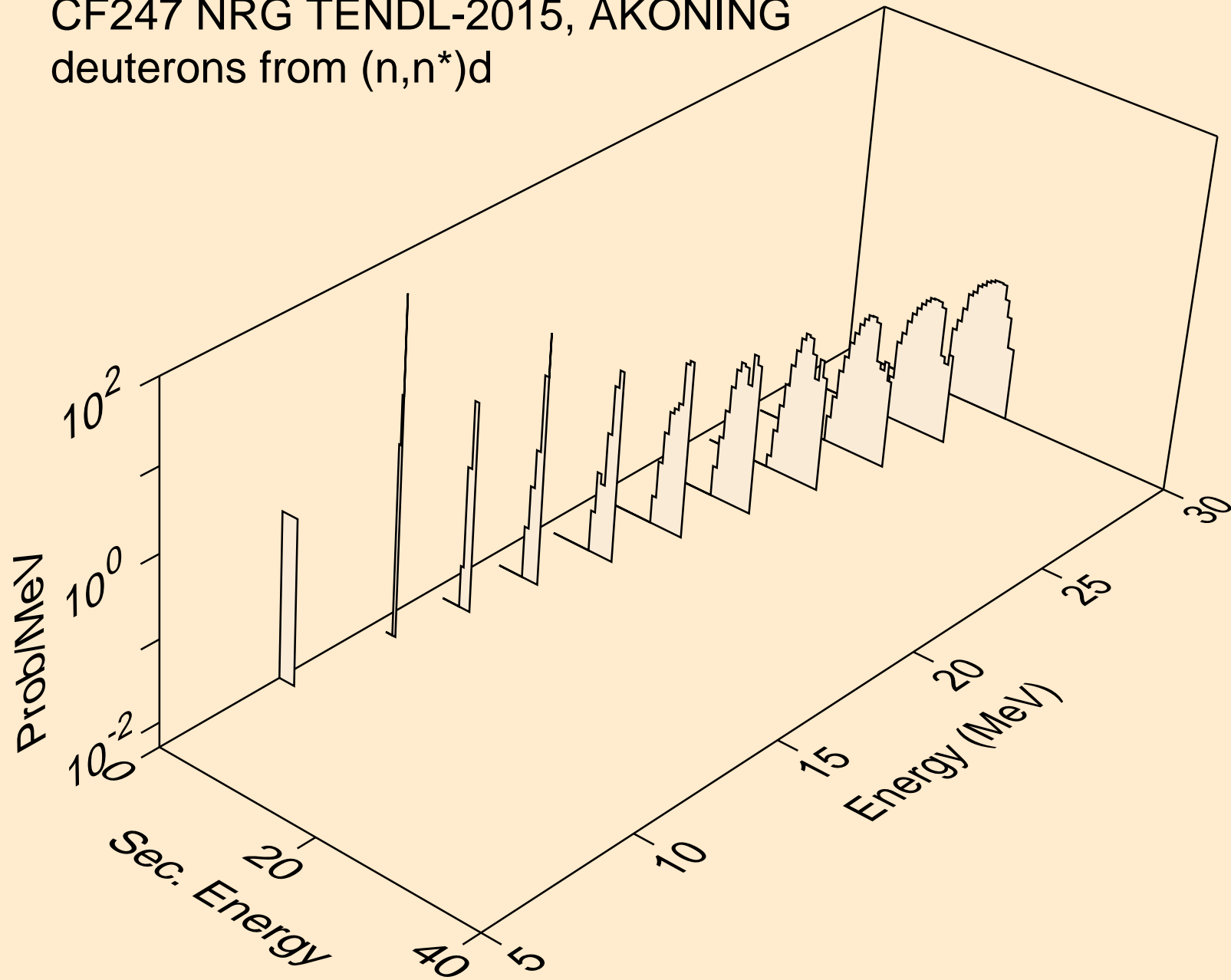
CF247 NRG TENDL-2015, AKONING  
deuterons from (n,x)



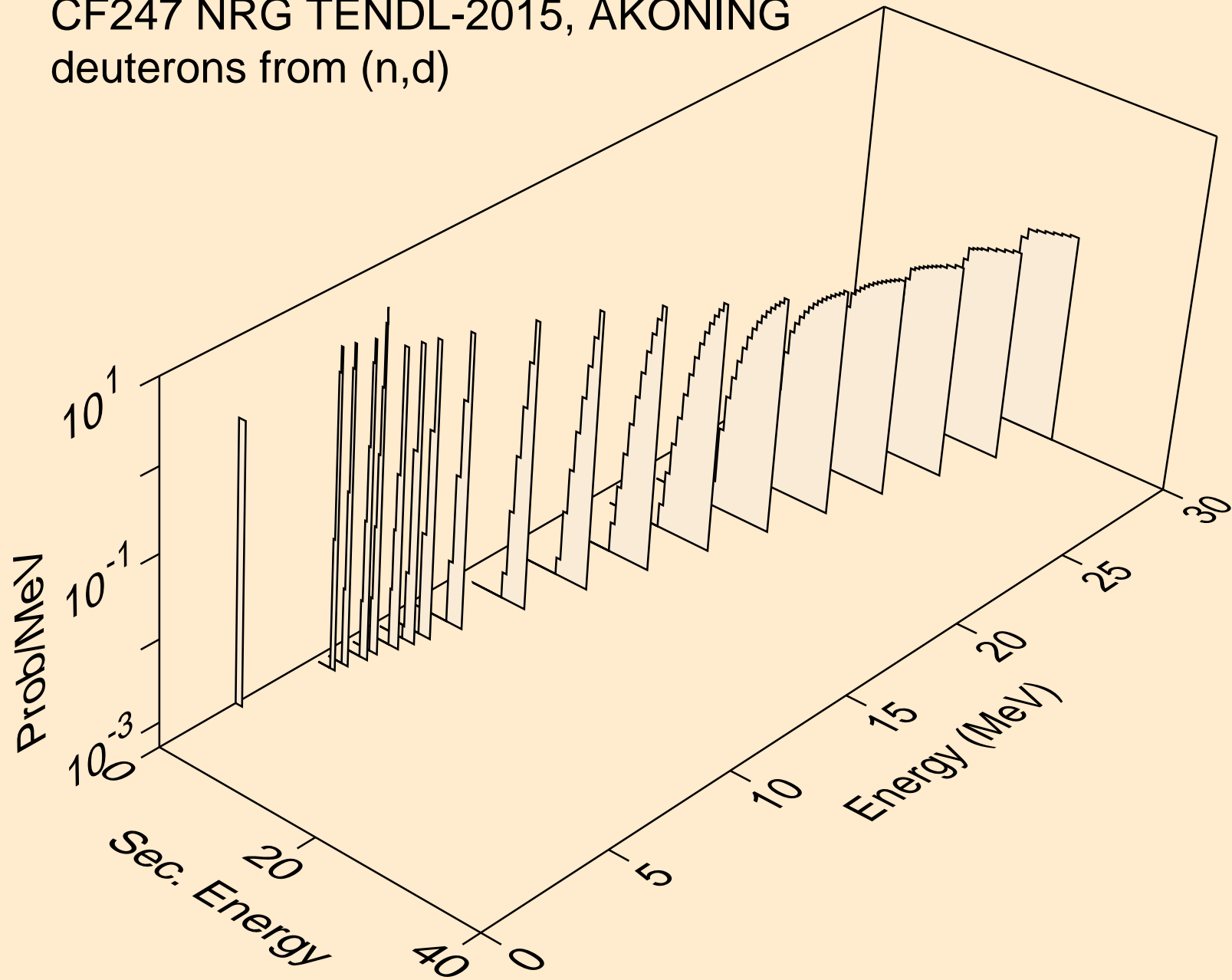
CF247 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



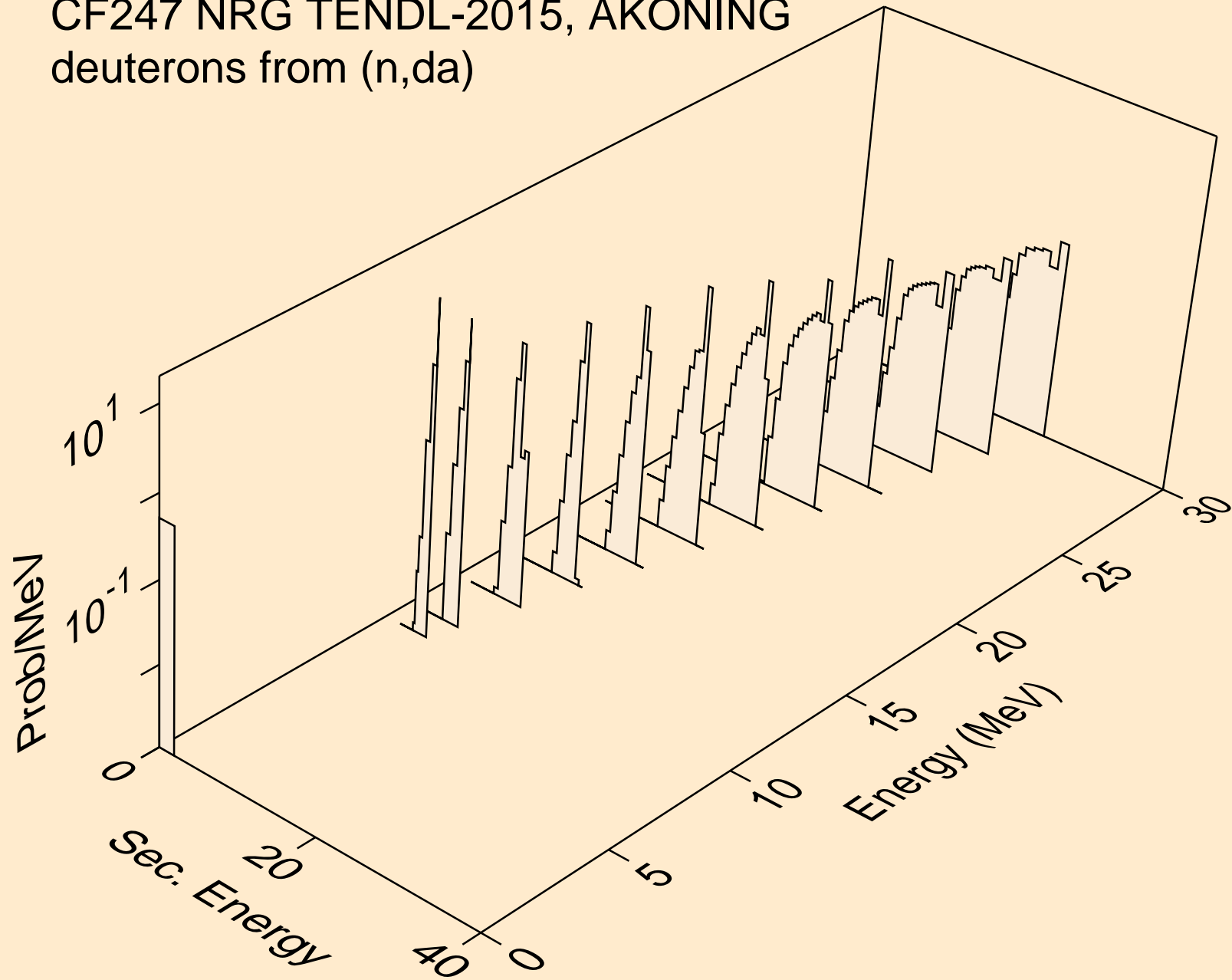
CF247 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



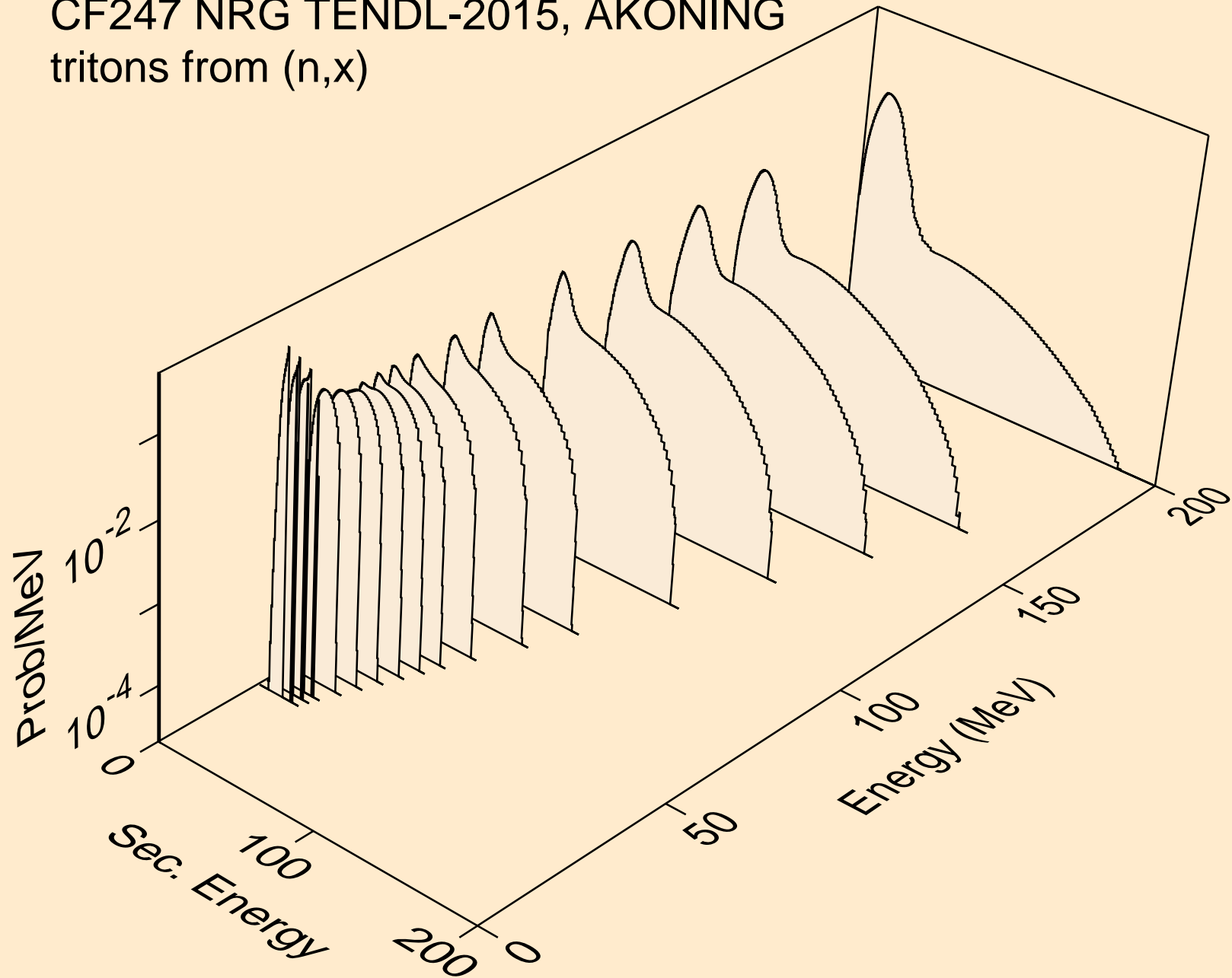
CF247 NRG TENDL-2015, AKONING  
deuterons from (n,d)



CF247 NRG TENDL-2015, AKONING  
deuterons from (n,da)

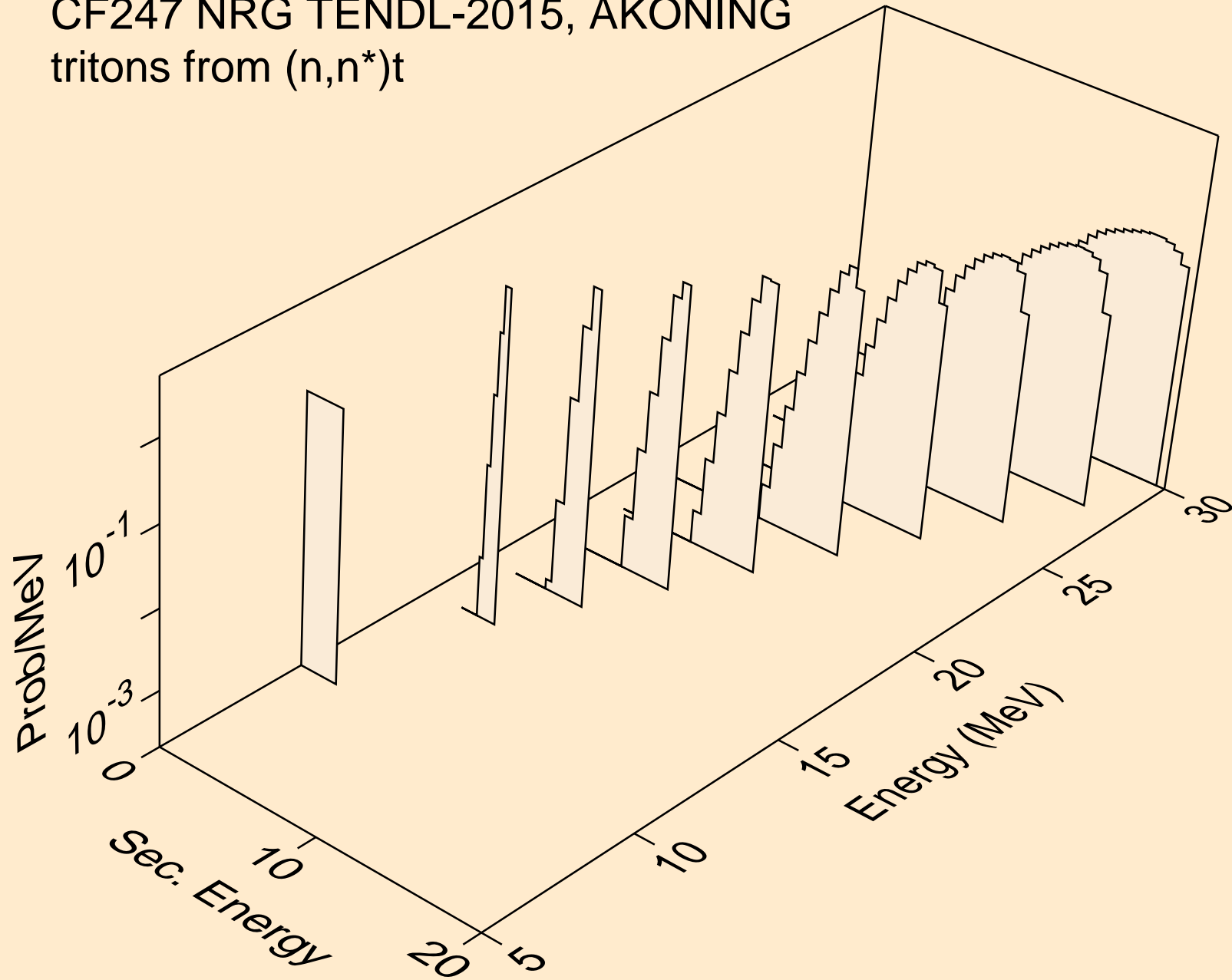


CF247 NRG TENDL-2015, AKONING  
tritons from (n,x)

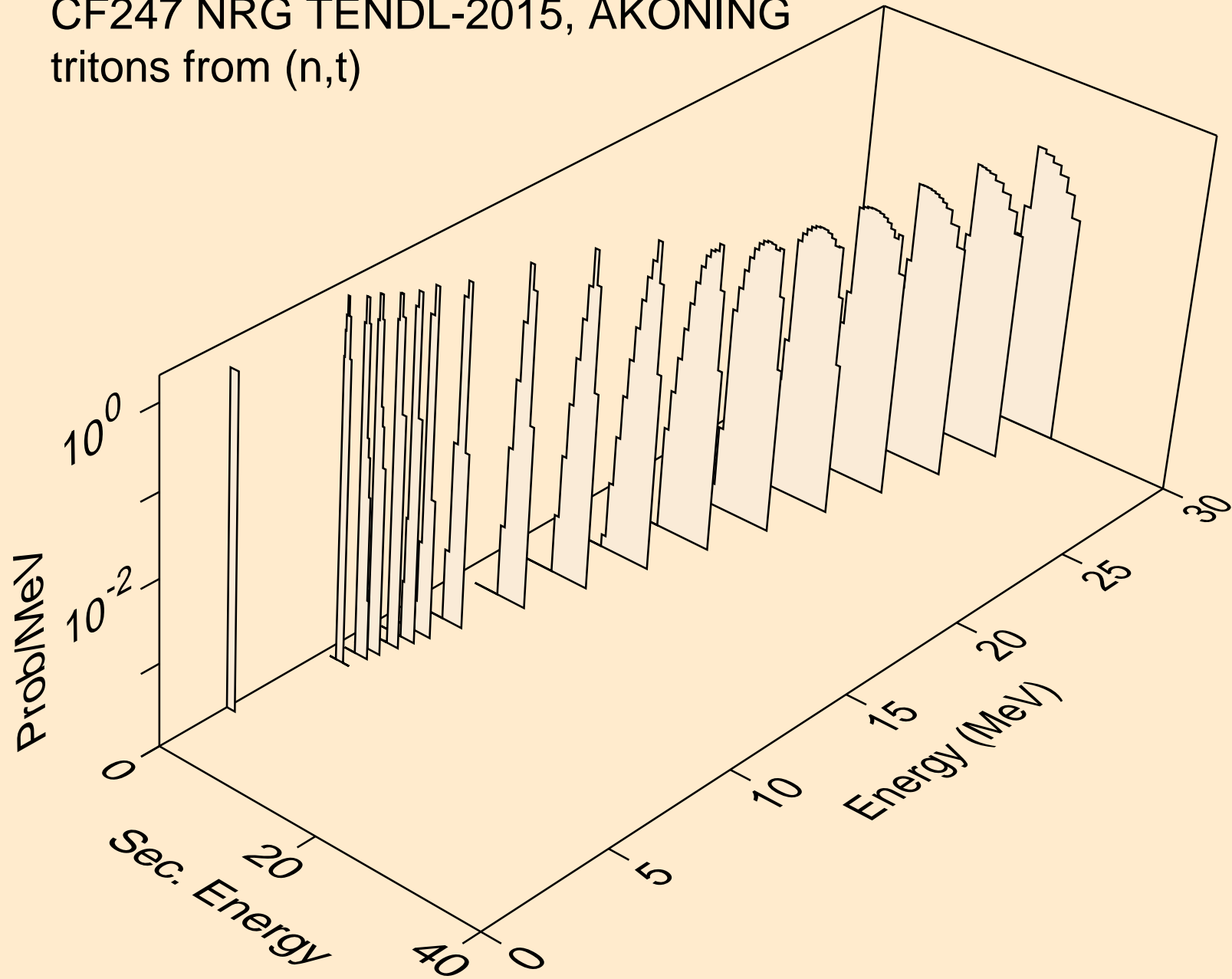




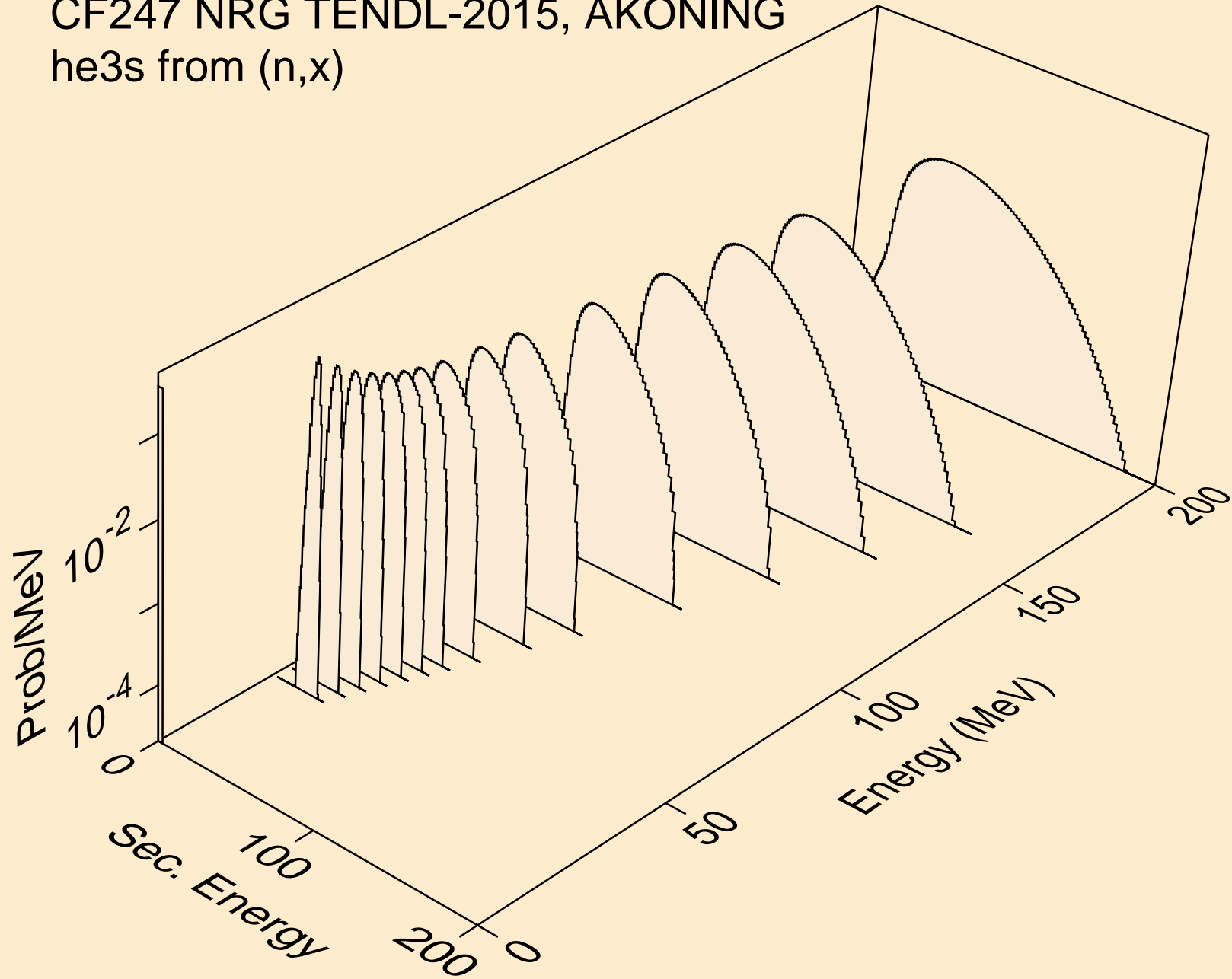
CF247 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



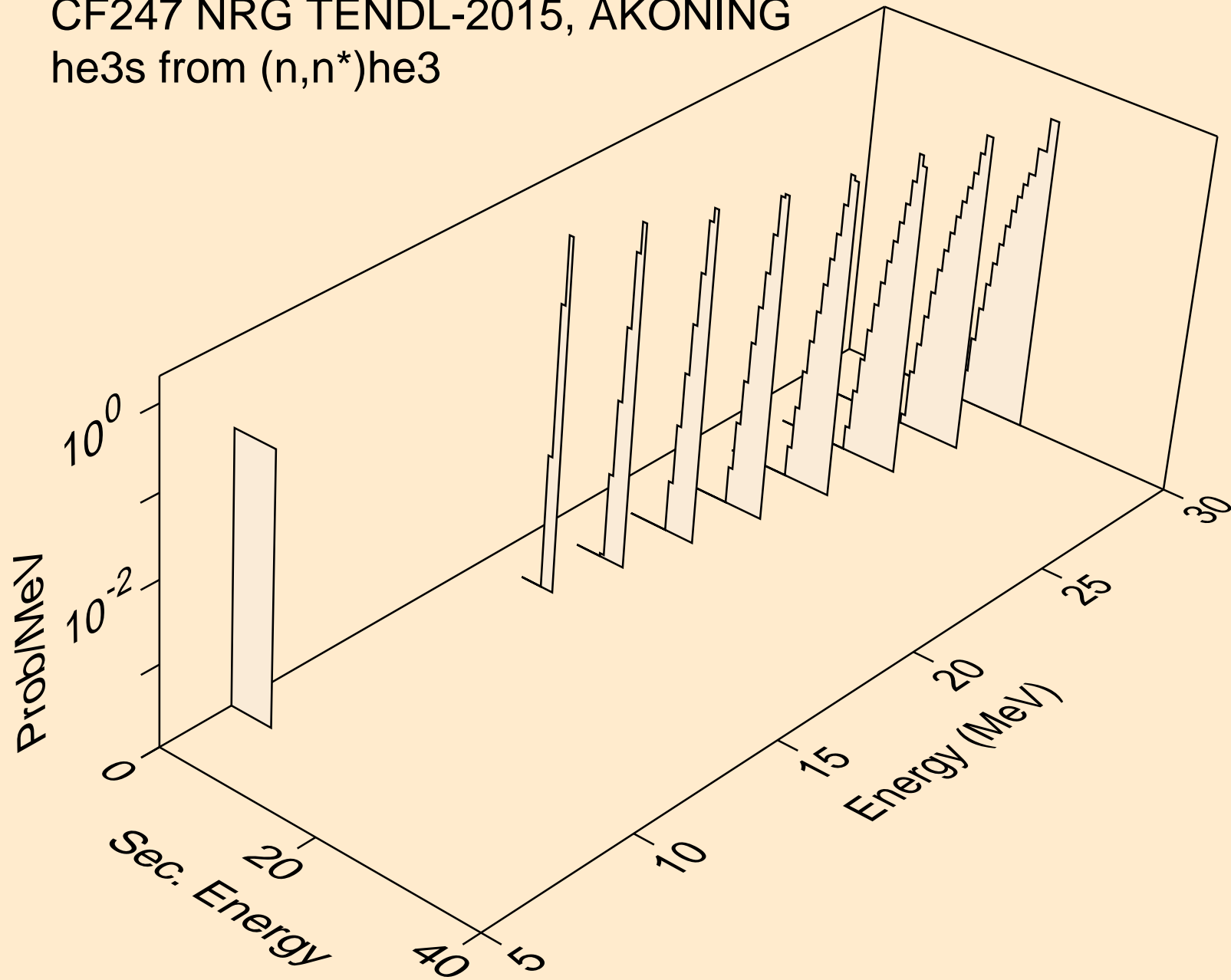
CF247 NRG TENDL-2015, AKONING  
tritons from (n,t)



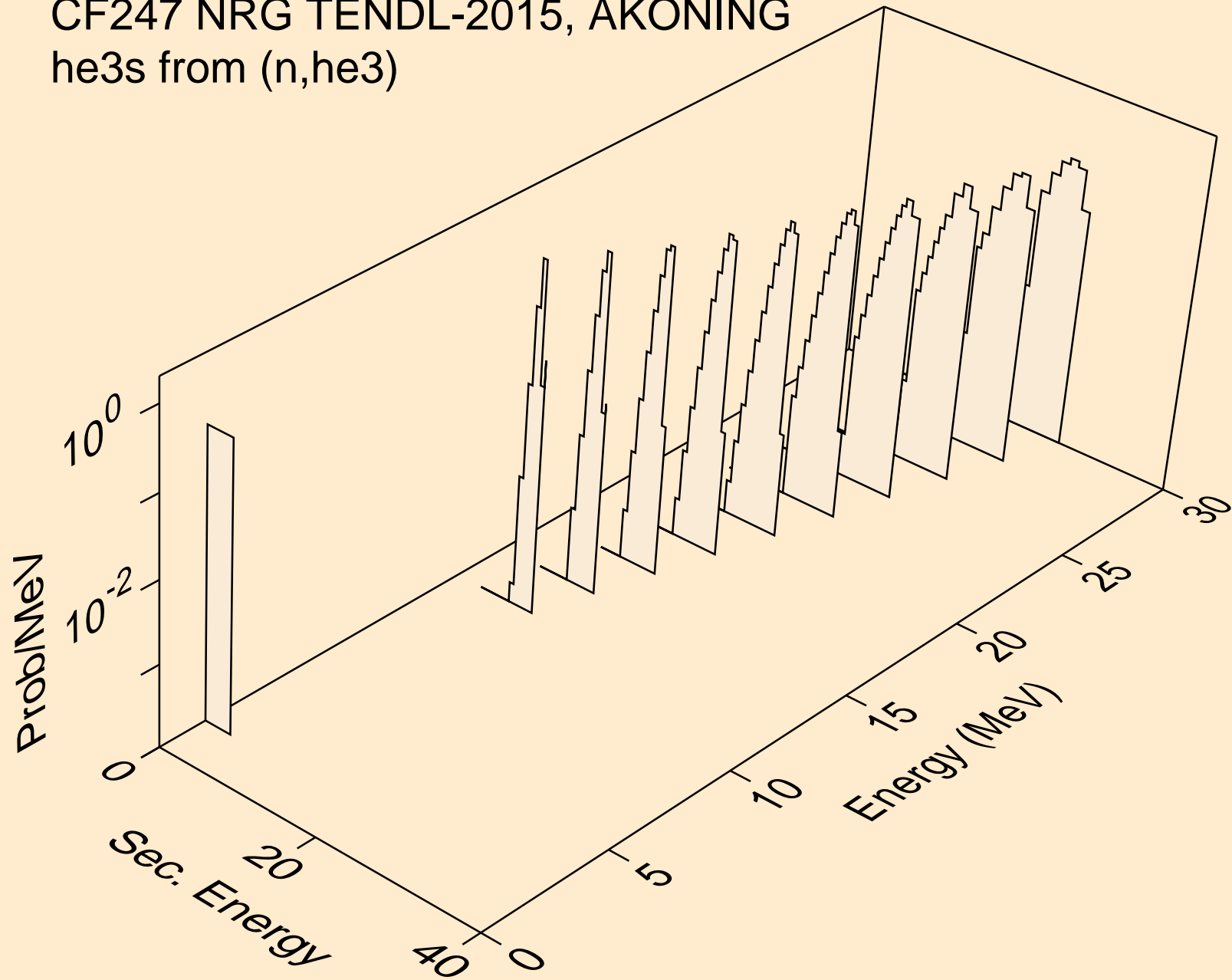
CF247 NRG TENDL-2015, AKONING  
he3s from (n,x)



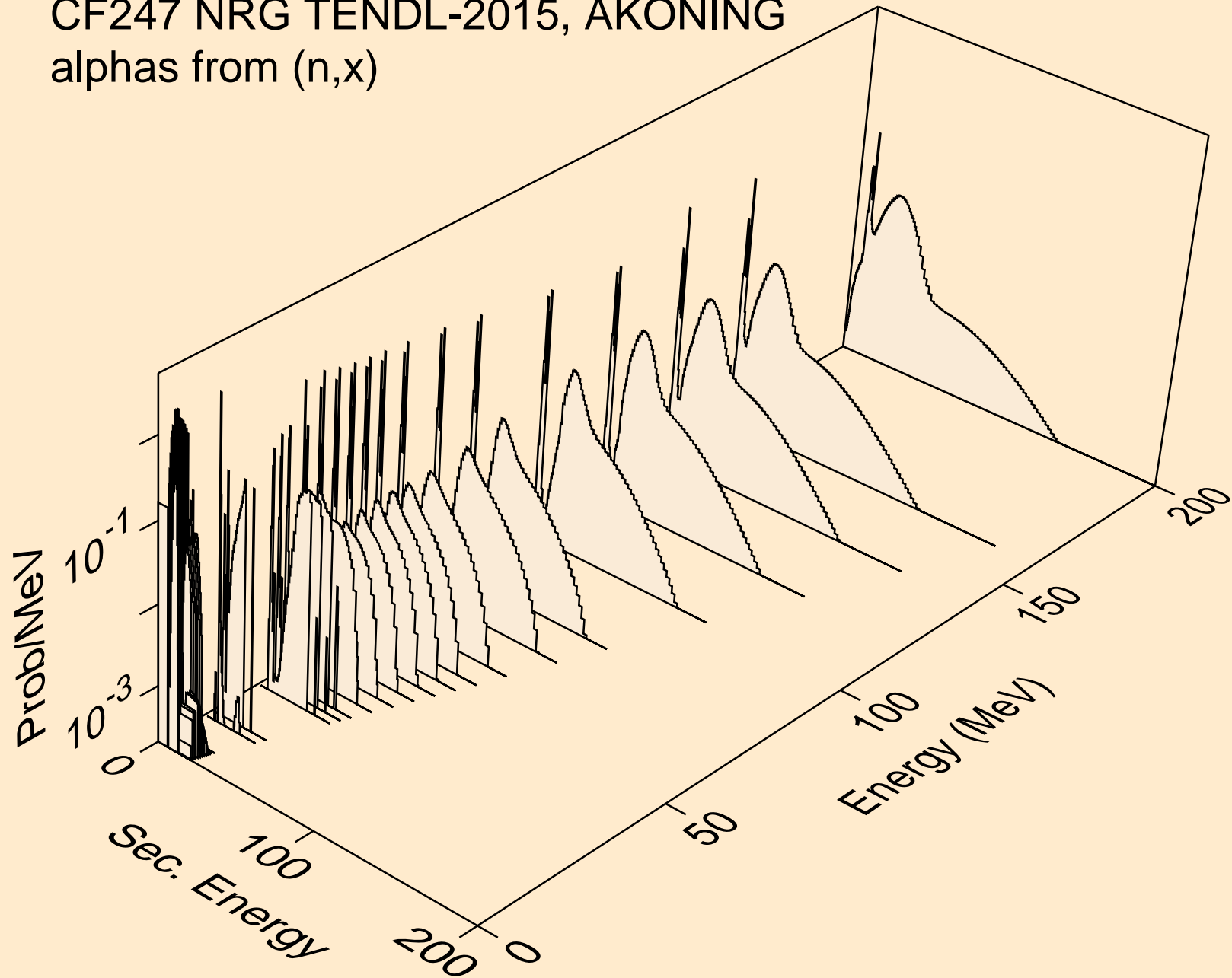
CF247 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



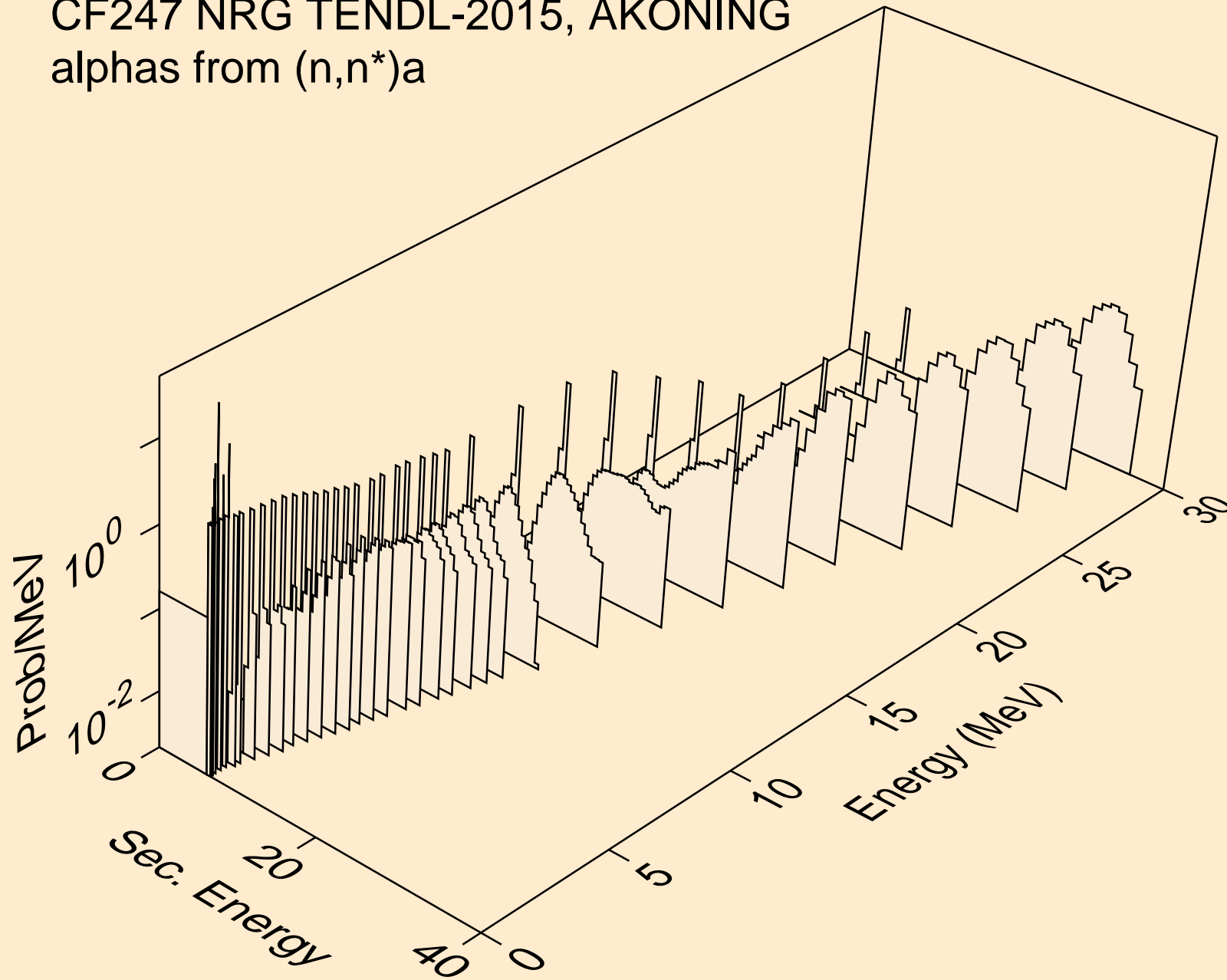
CF247 NRG TENDL-2015, AKONING  
he3s from (n,he3)



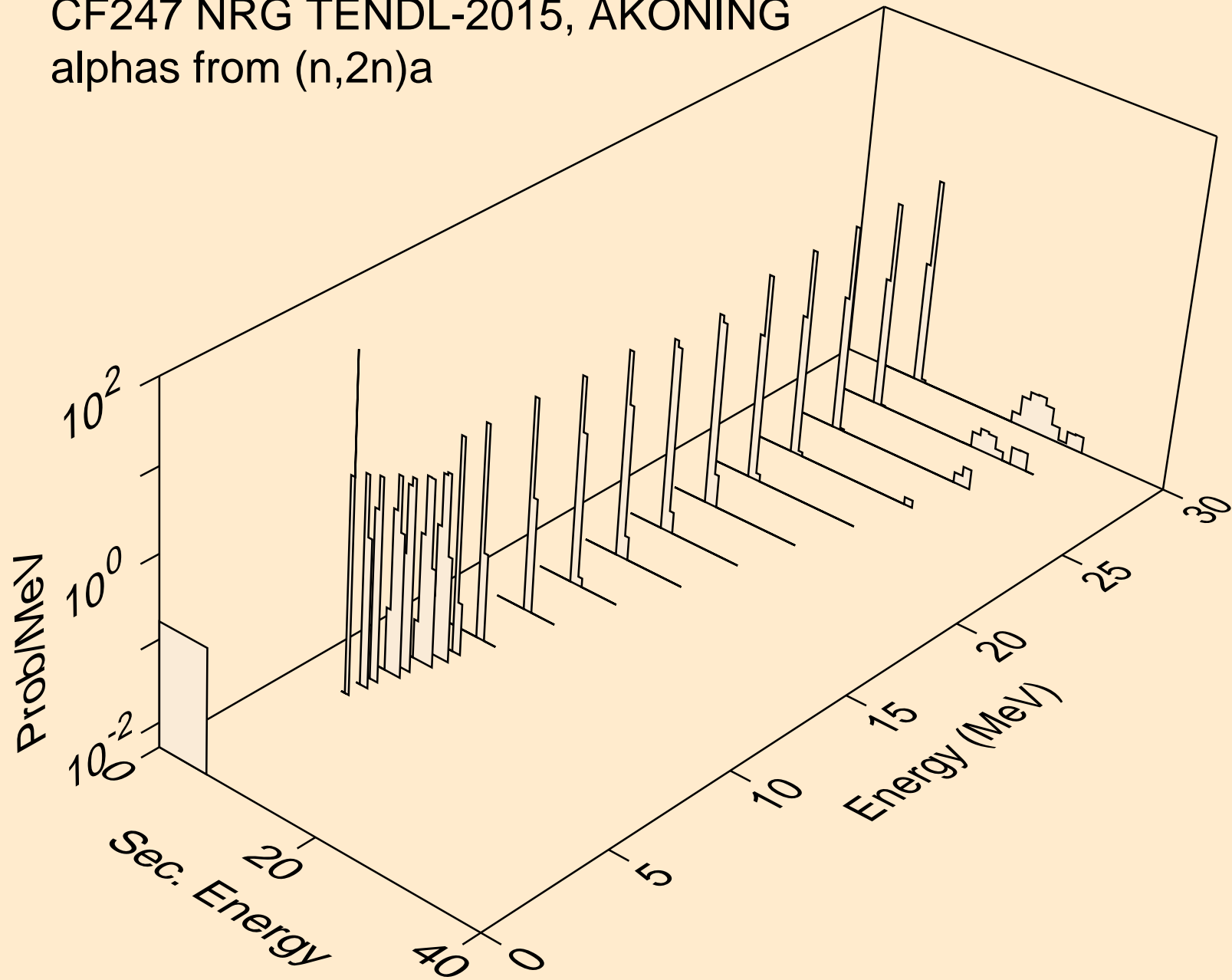
CF247 NRG TENDL-2015, AKONING  
alphas from (n,x)



CF247 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a

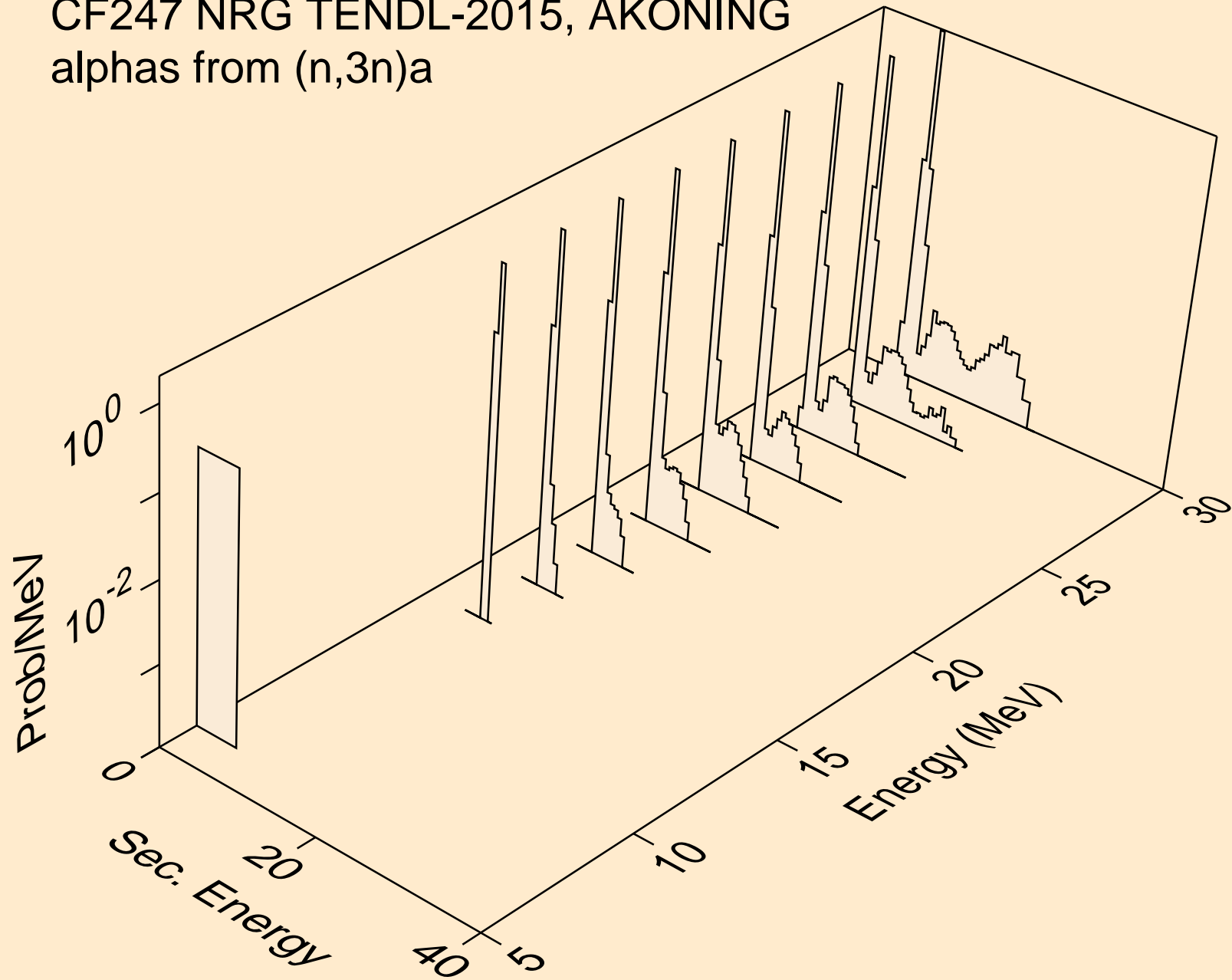


CF247 NRG TENDL-2015, AKONING  
alphas from (n,2n)a

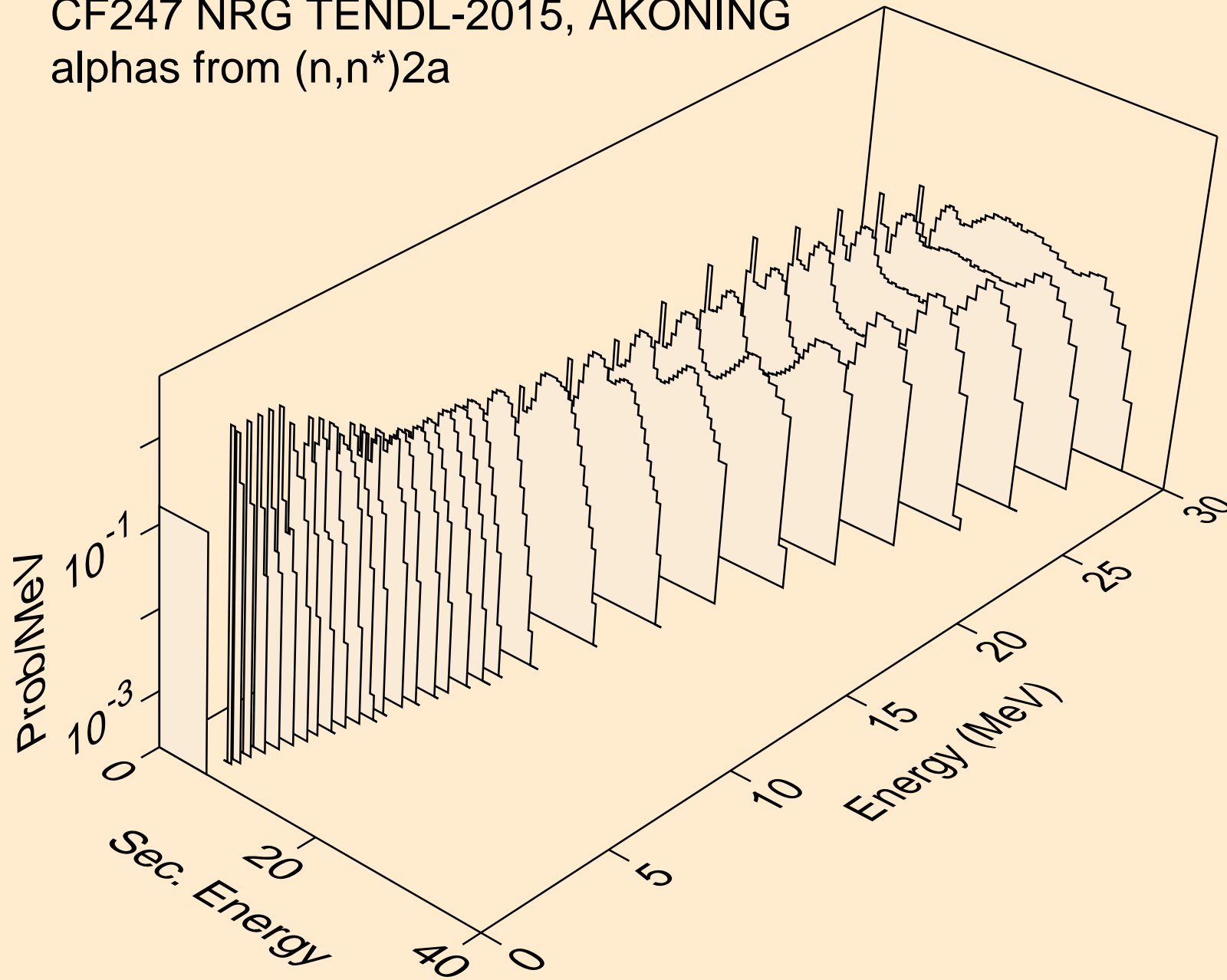




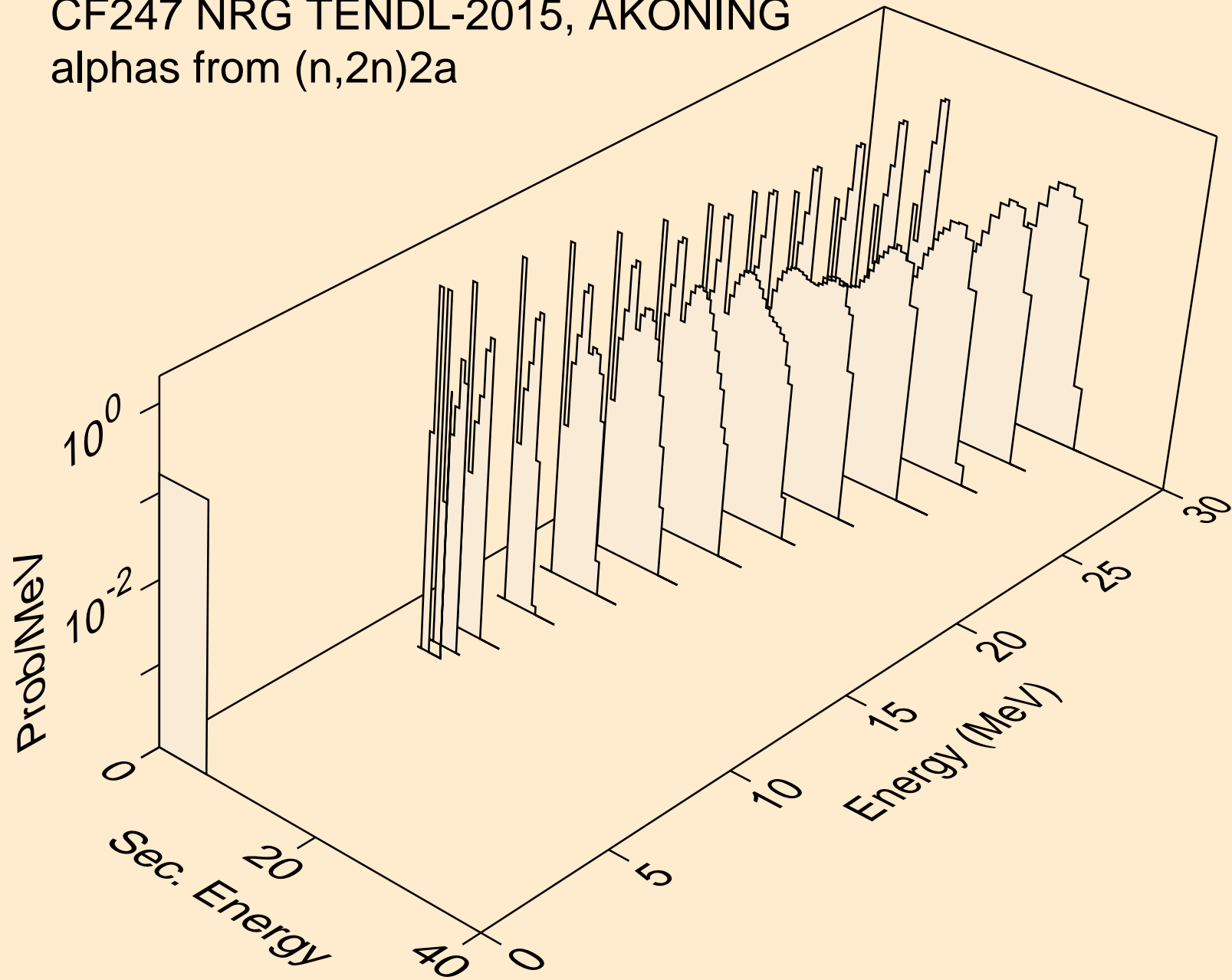
CF247 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



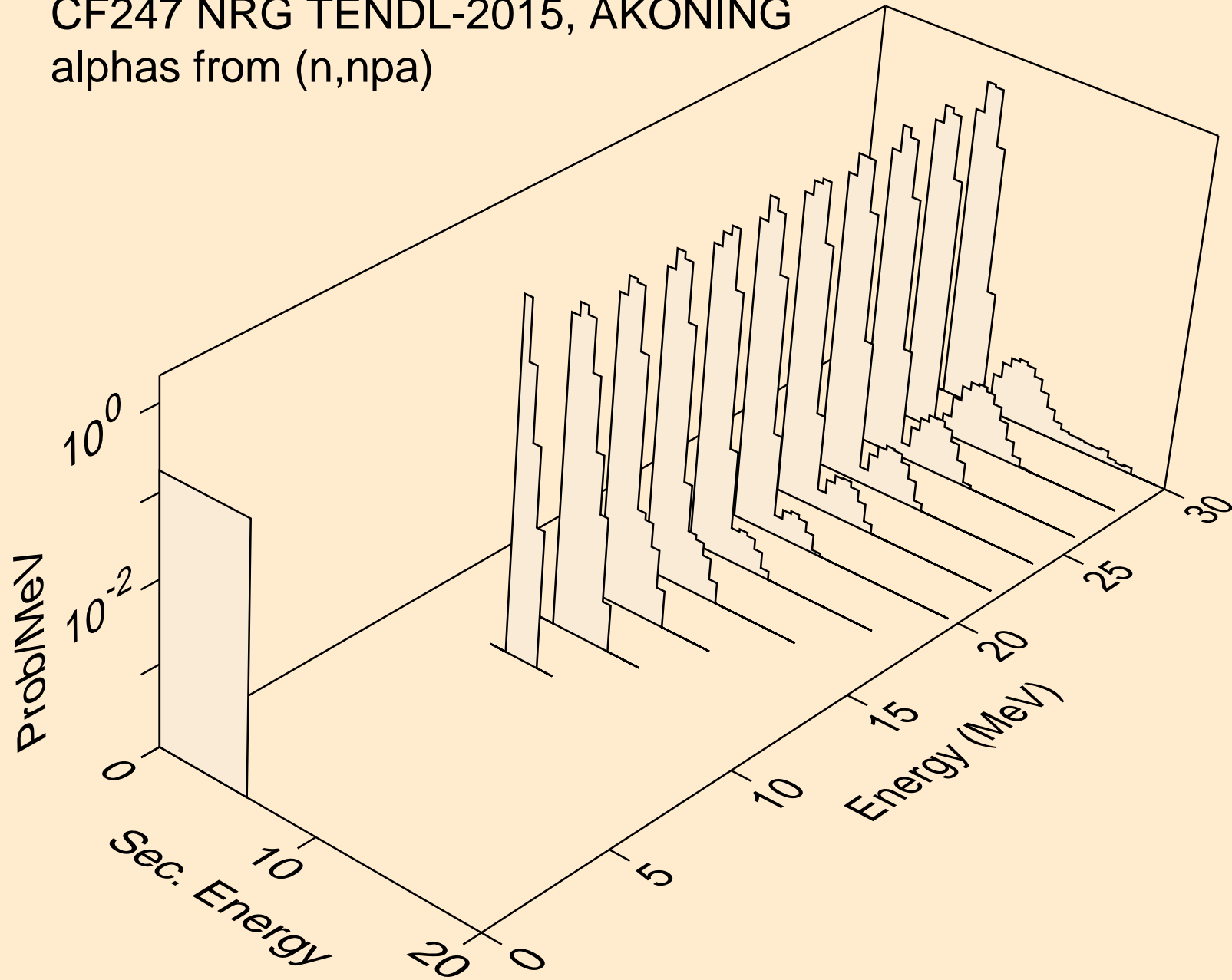
CF247 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



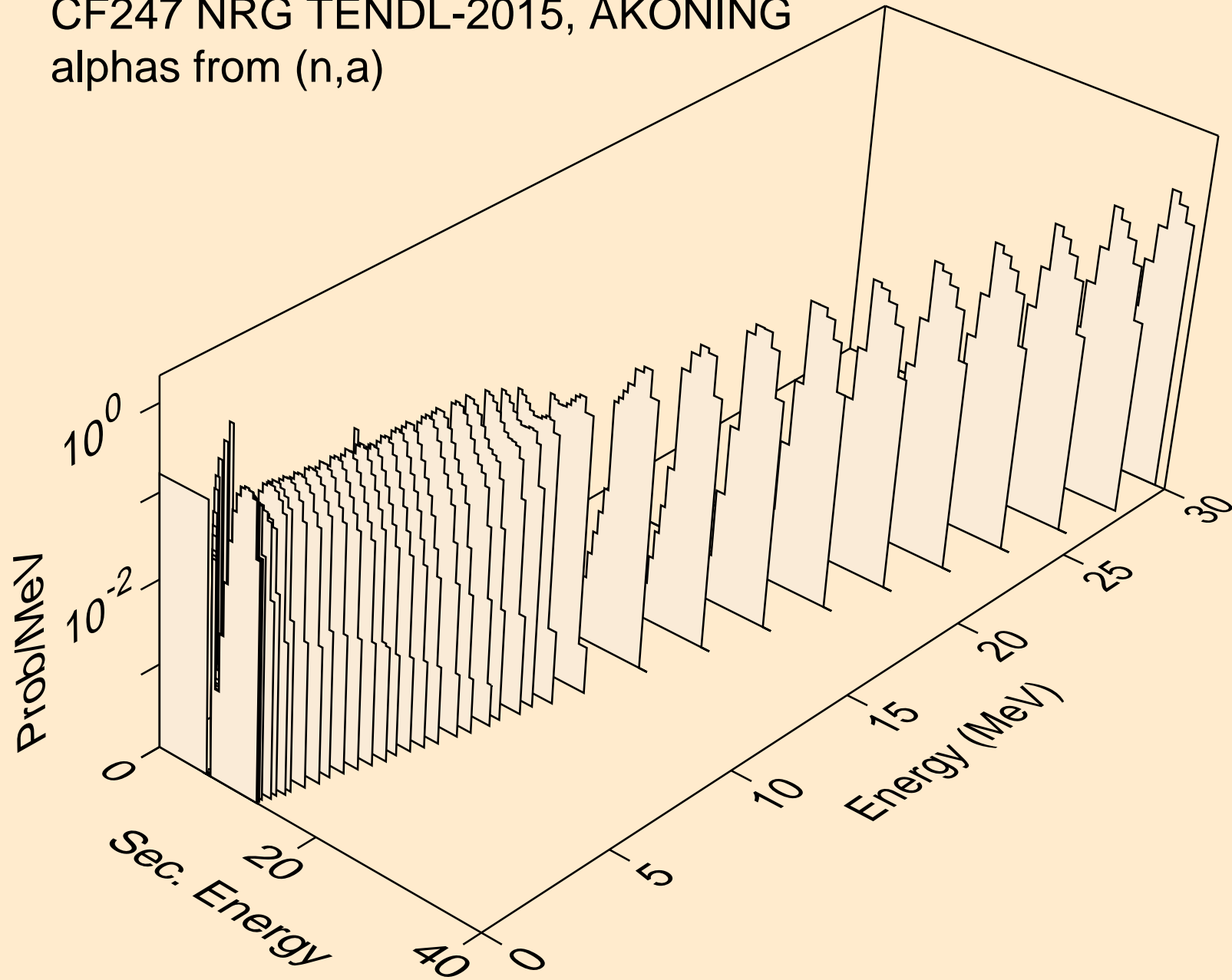
CF247 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



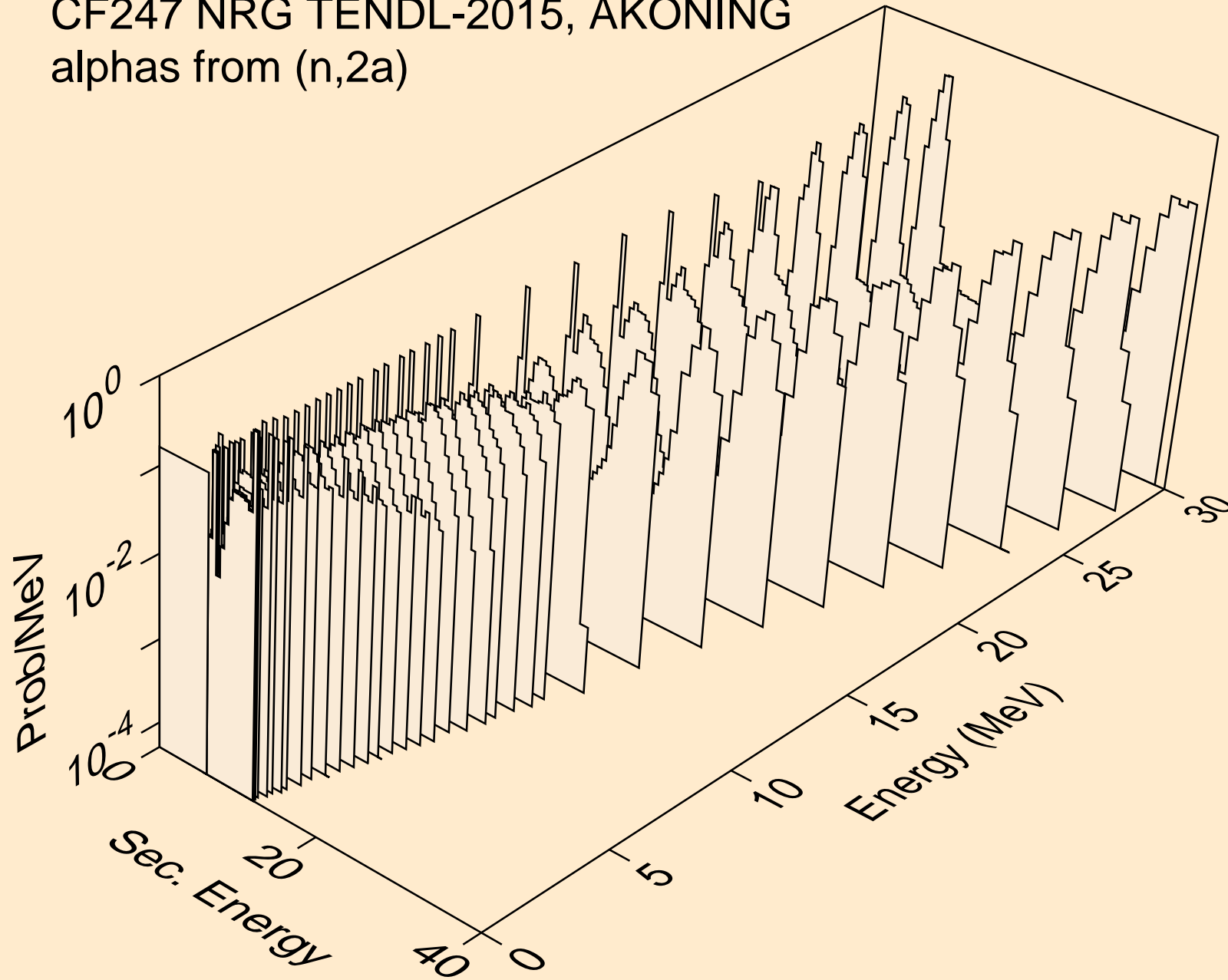
CF247 NRG TENDL-2015, AKONING  
alphas from (n,npa)



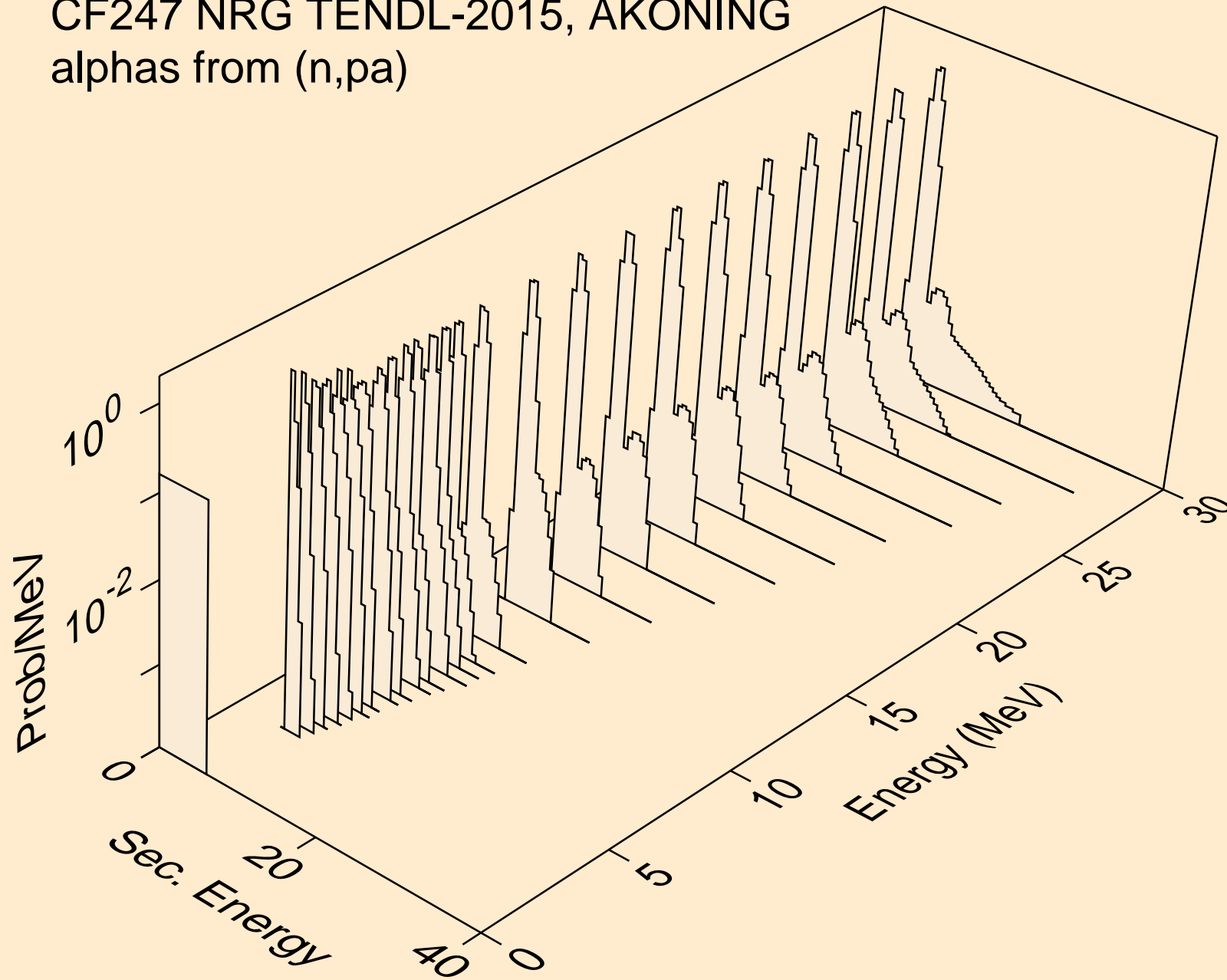
CF247 NRG TENDL-2015, AKONING  
alphas from (n,a)



CF247 NRG TENDL-2015, AKONING  
alphas from (n,2a)



CF247 NRG TENDL-2015, AKONING  
alphas from (n,pa)



CF247 NRG TENDL-2015, AKONING  
alphas from (n,da)

