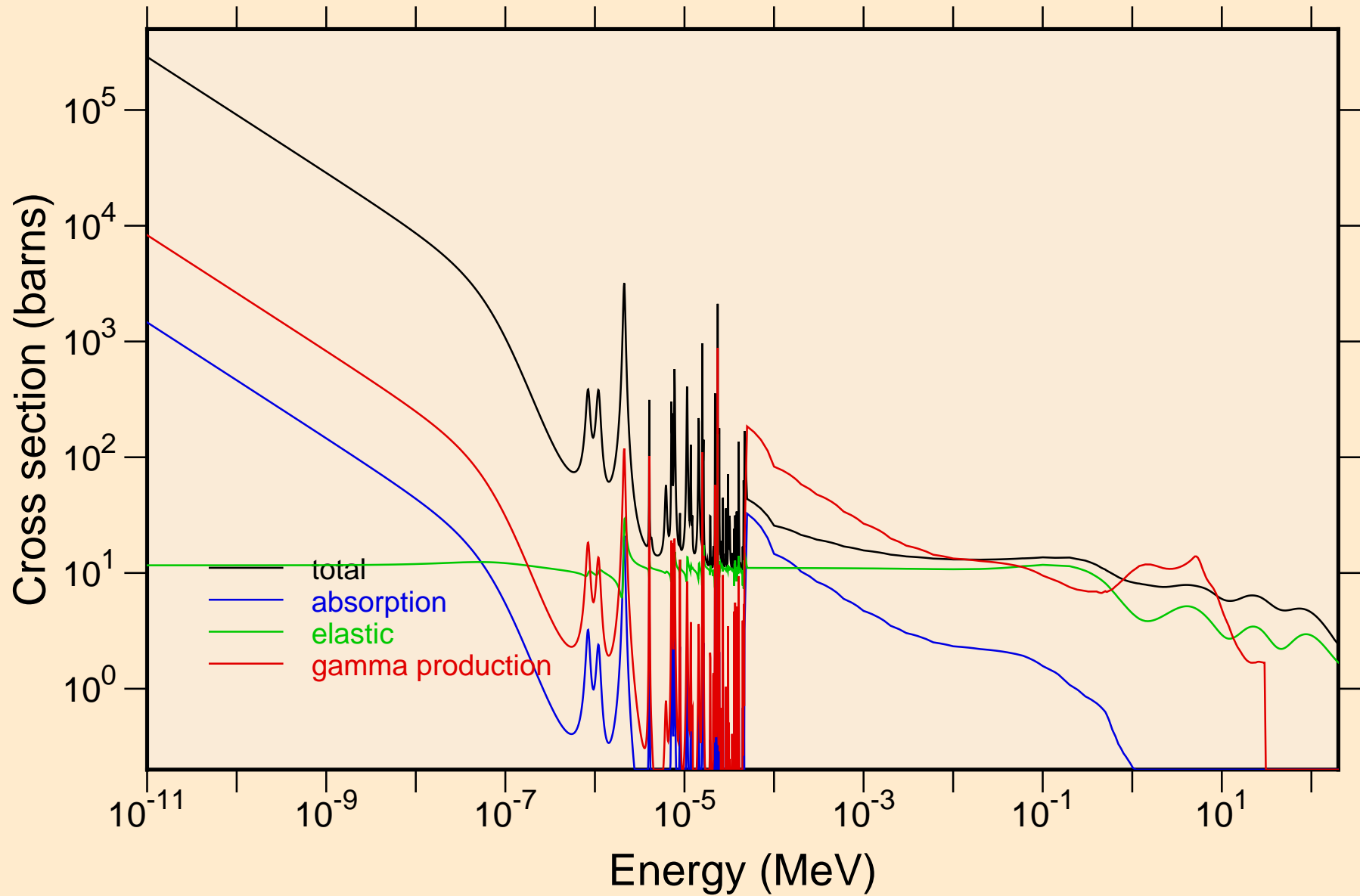
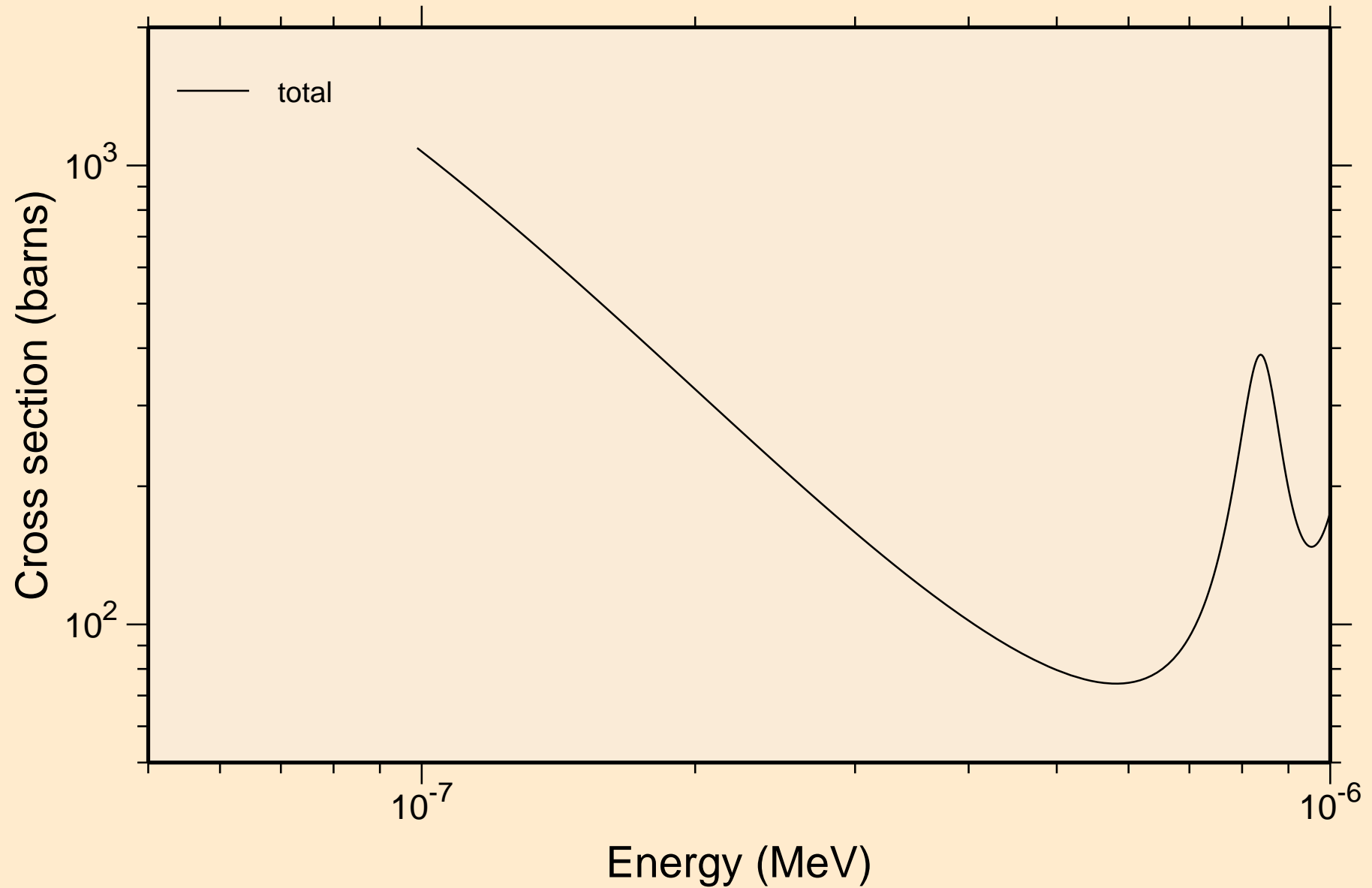


# CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

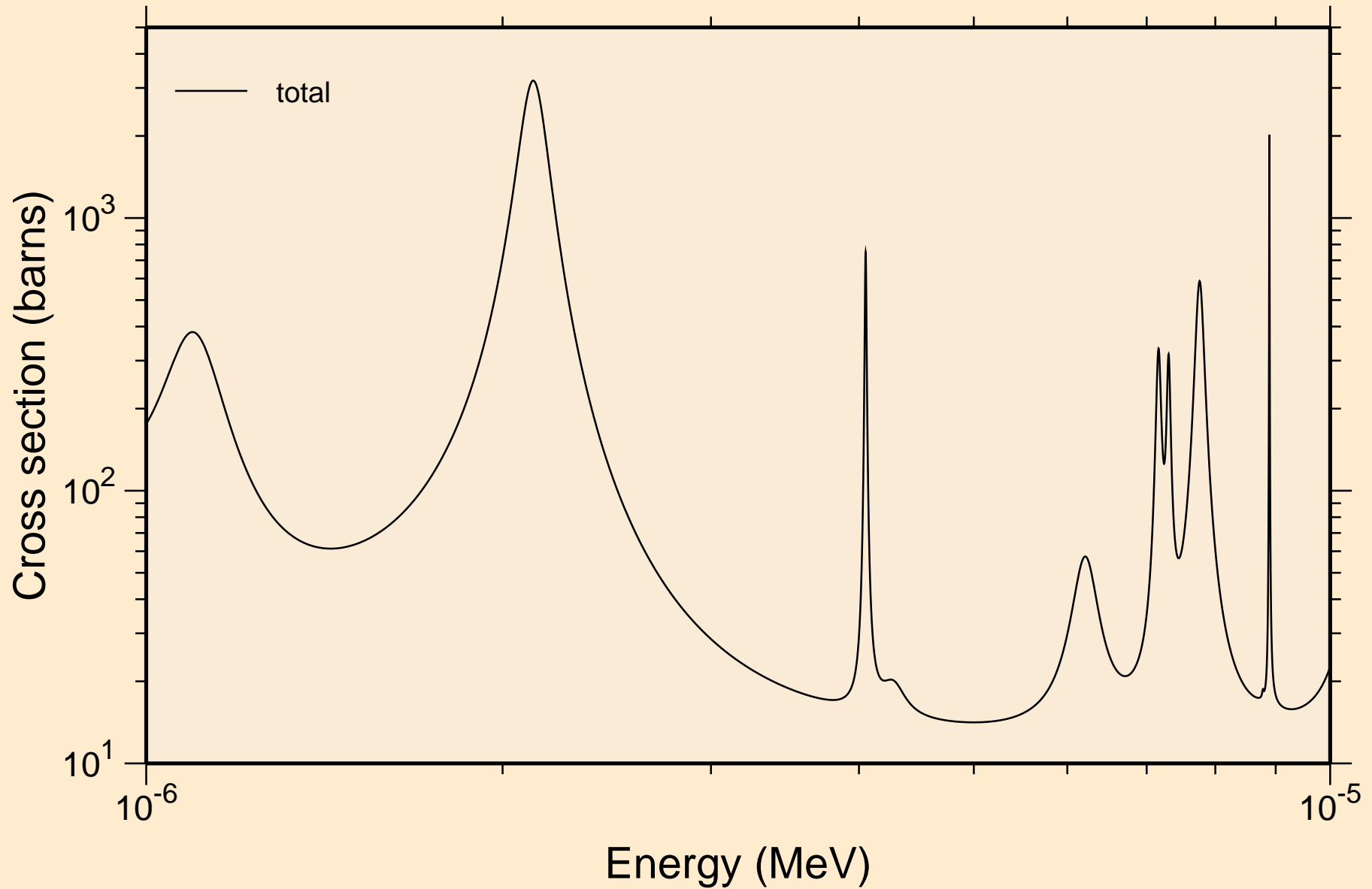
## Principal cross sections



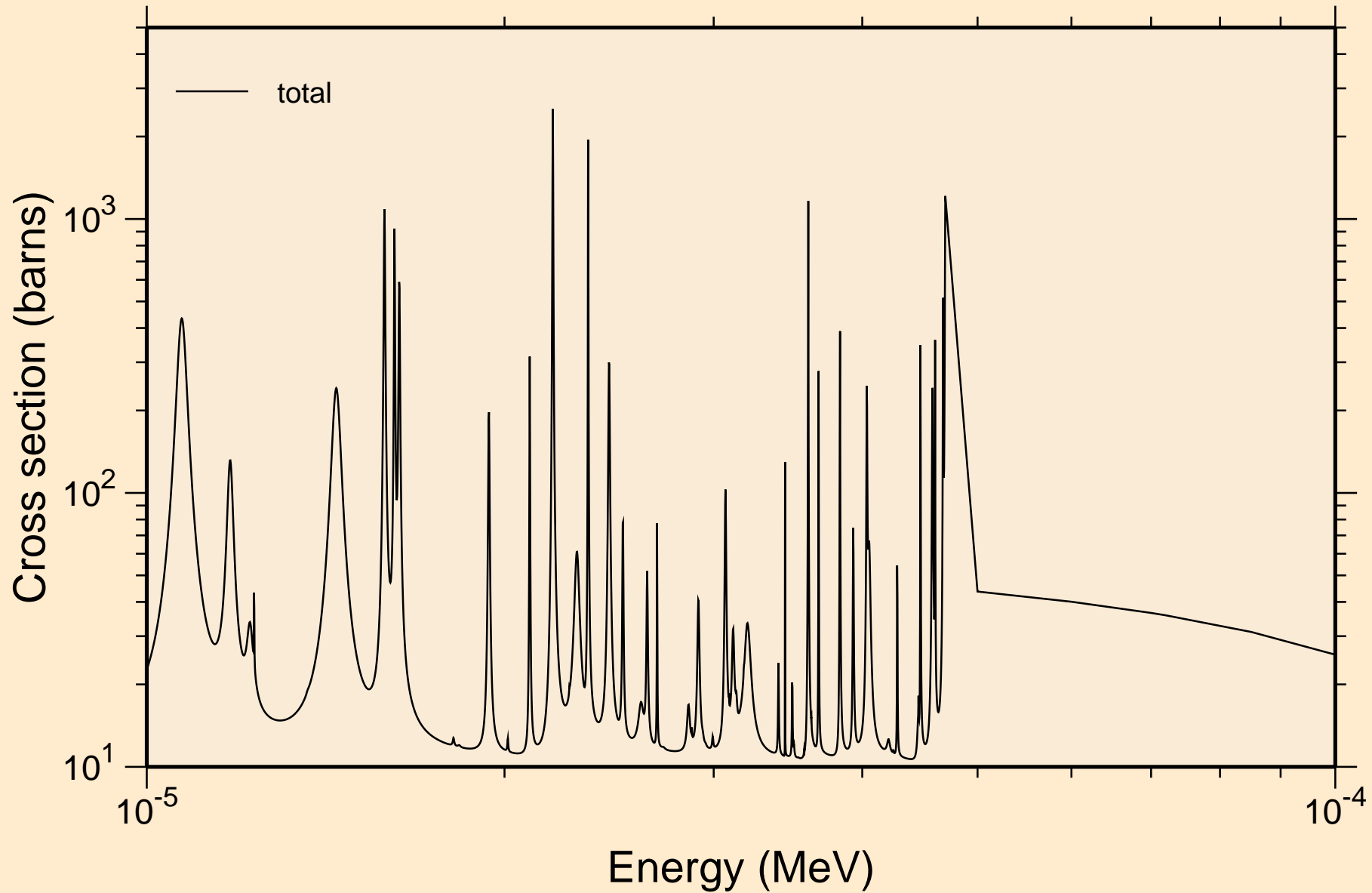
CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



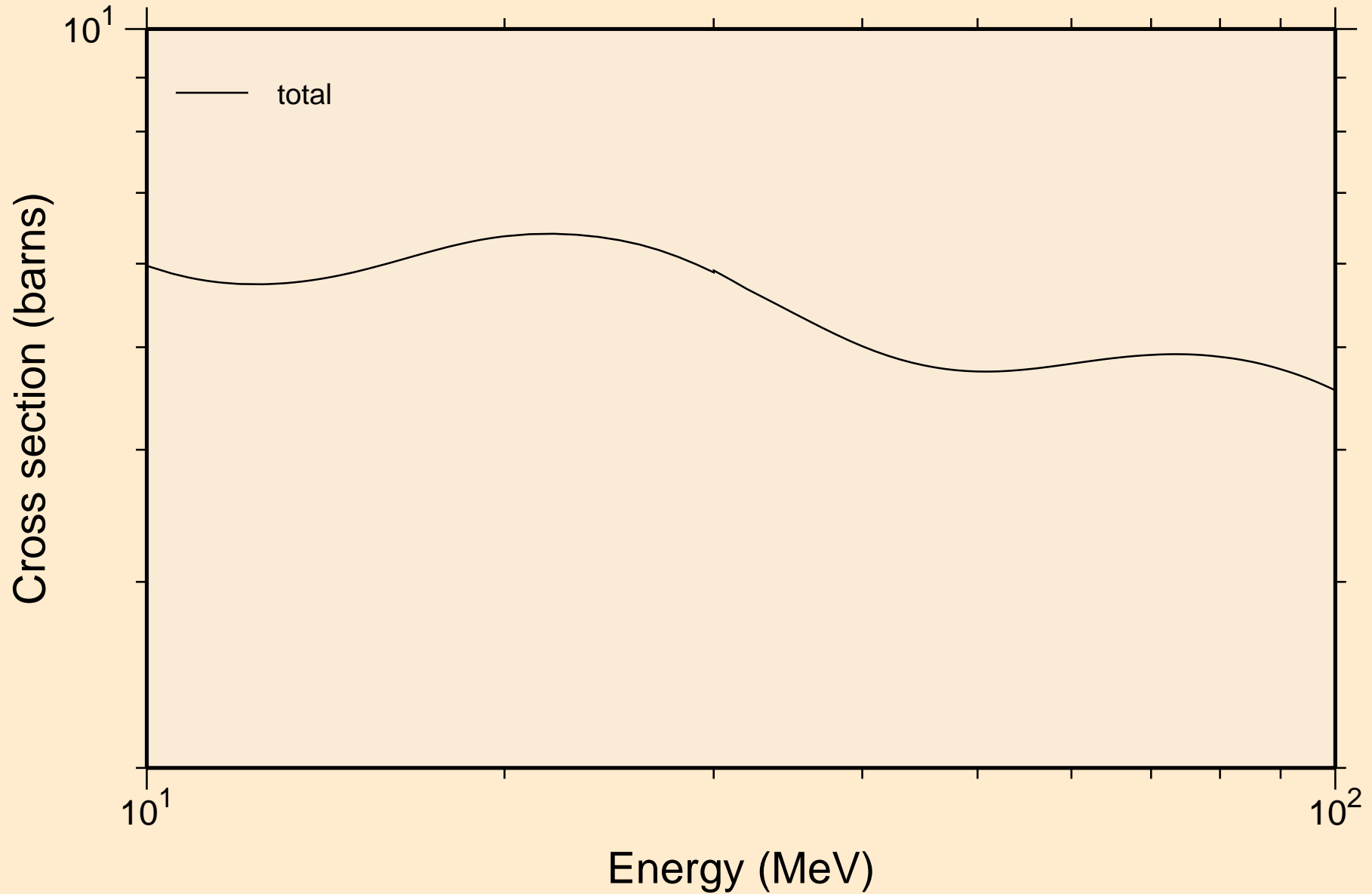
CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



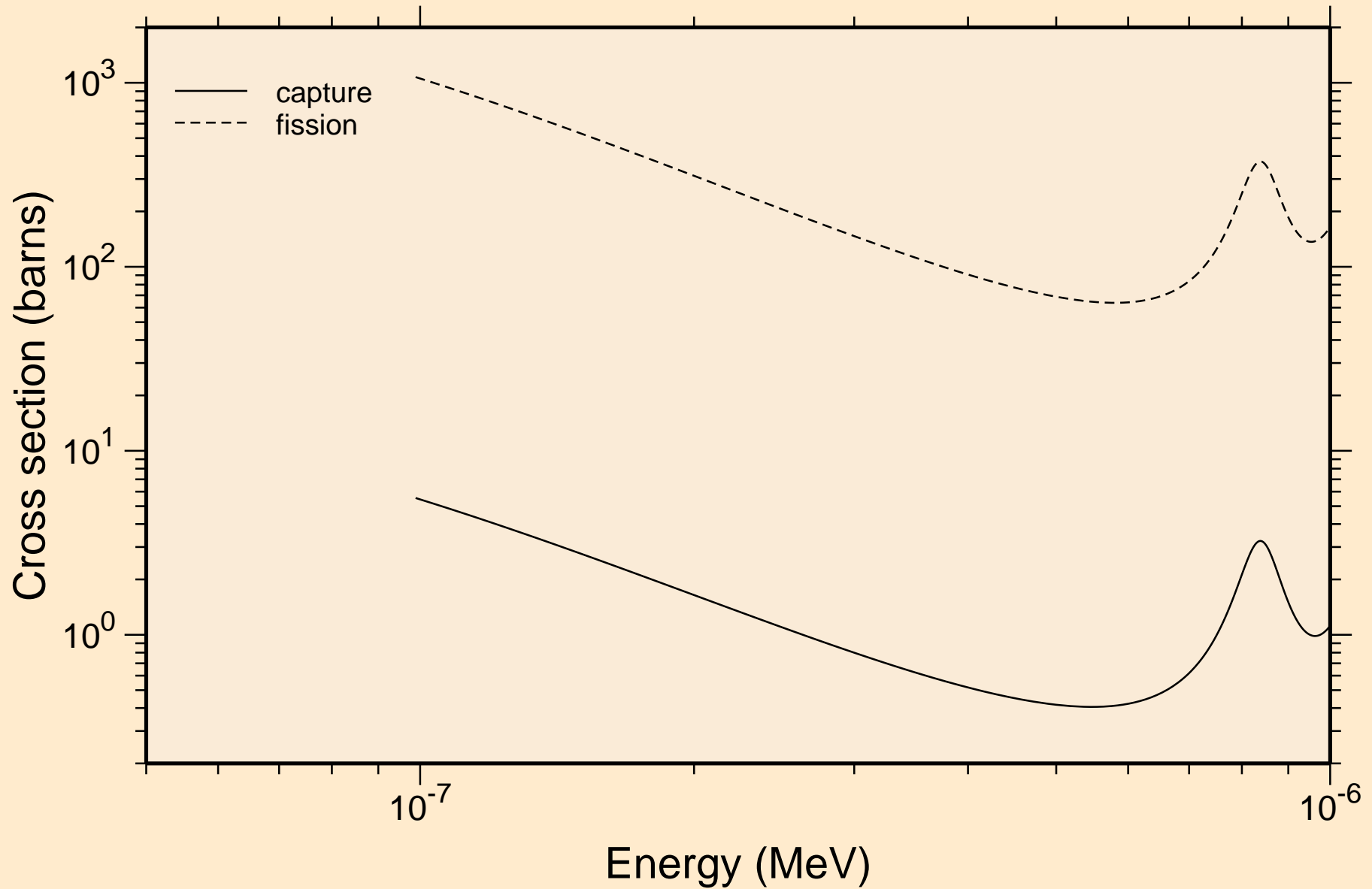
CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



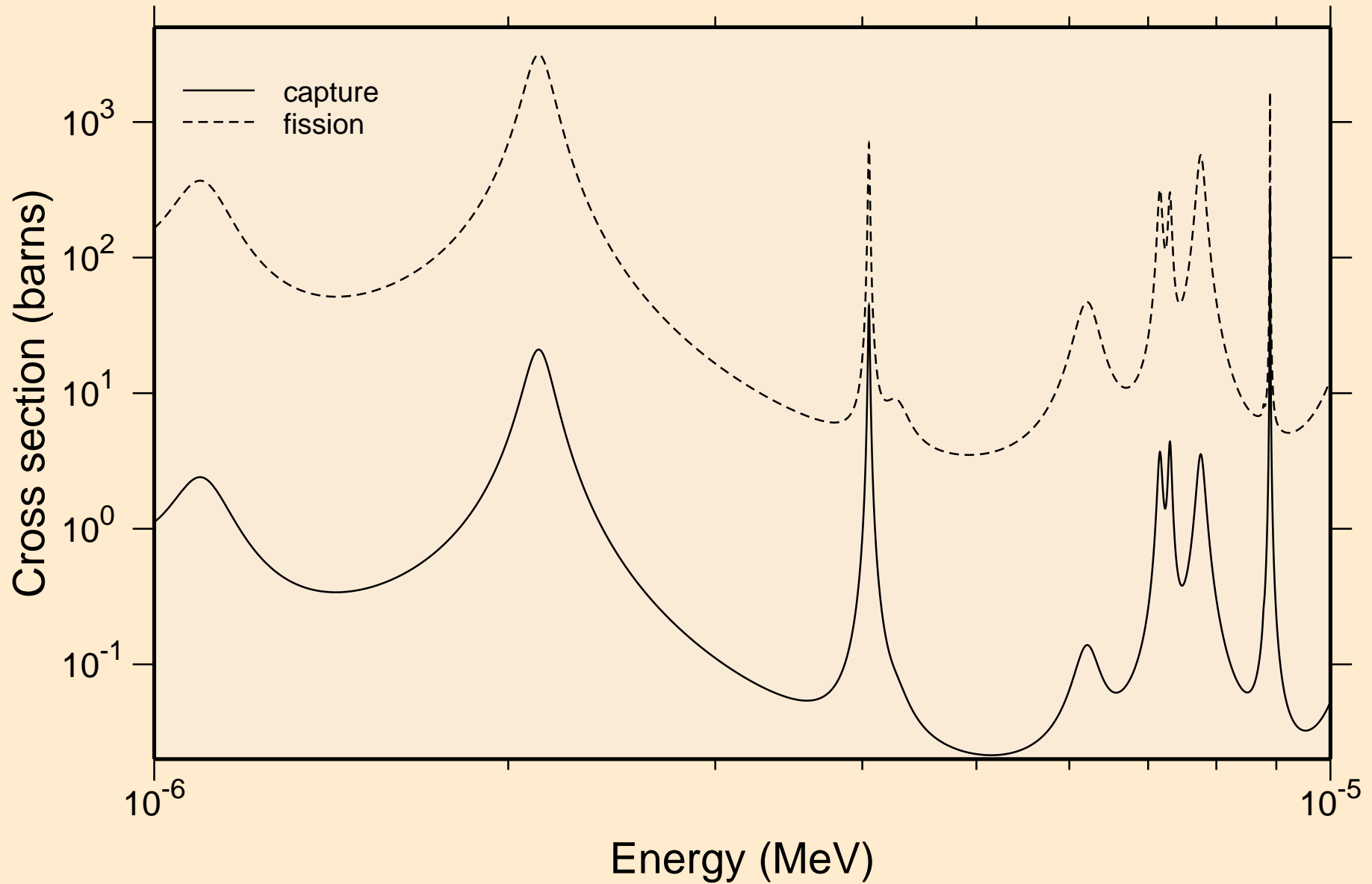
CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



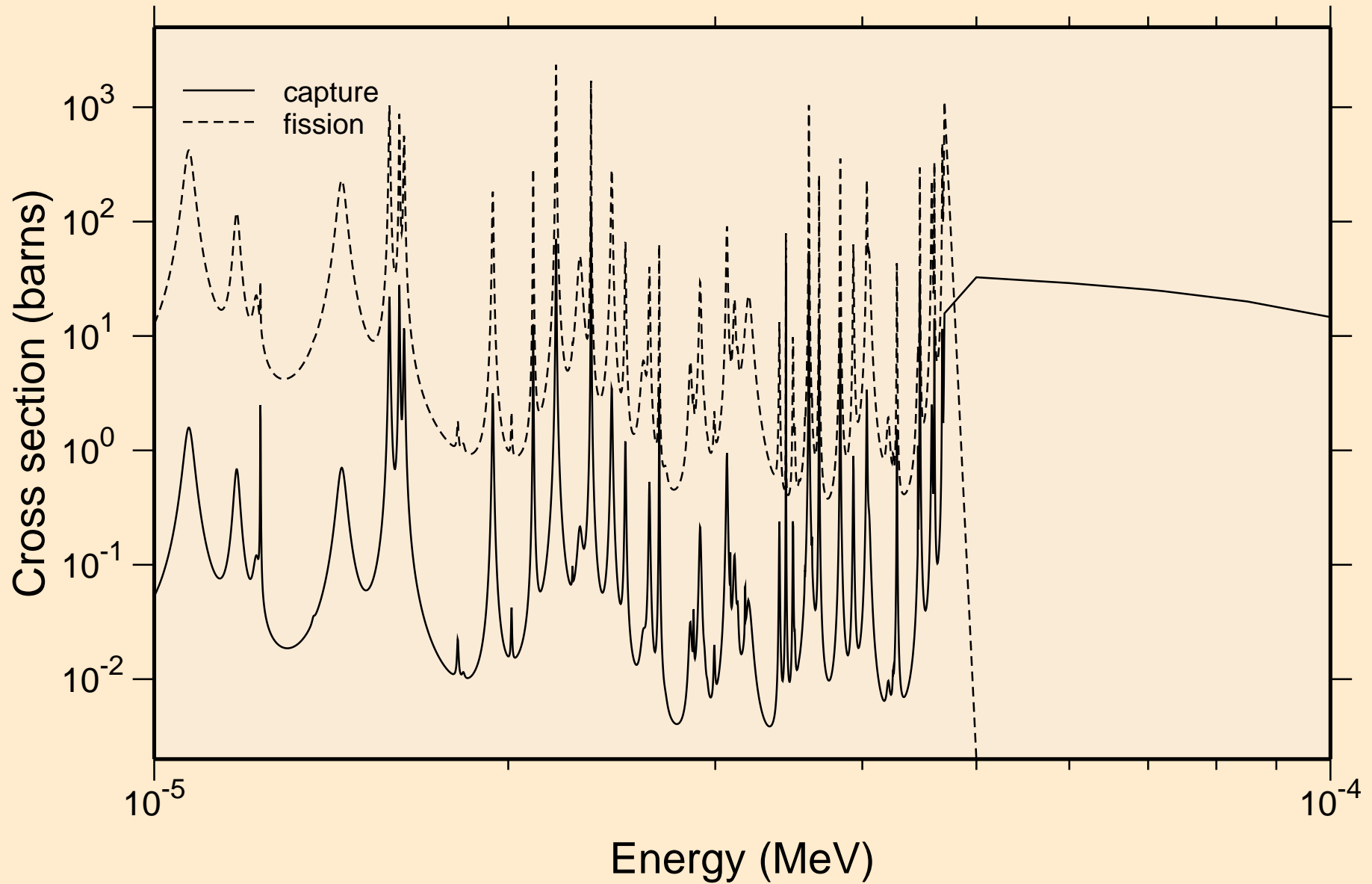
CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

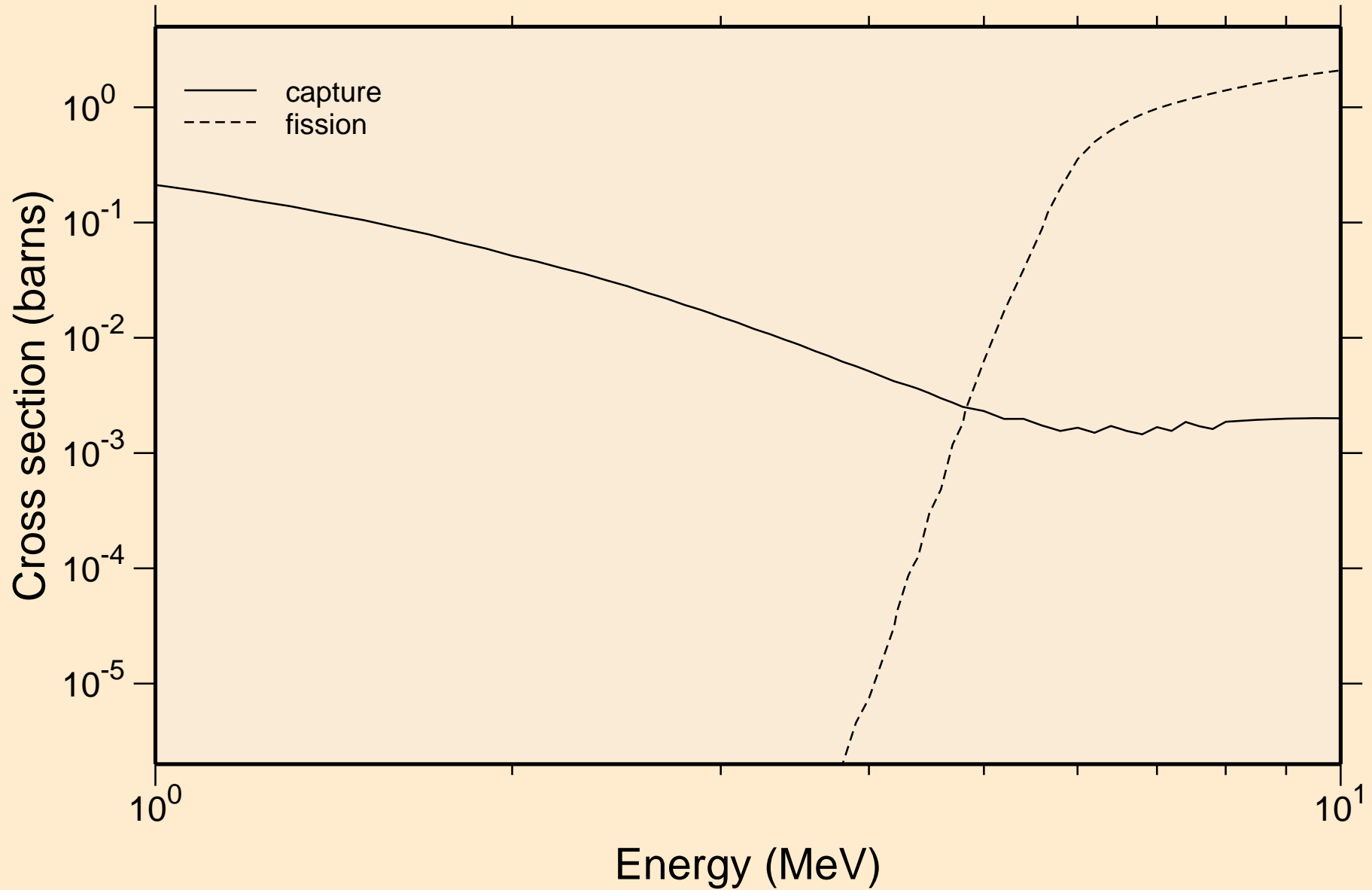


CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



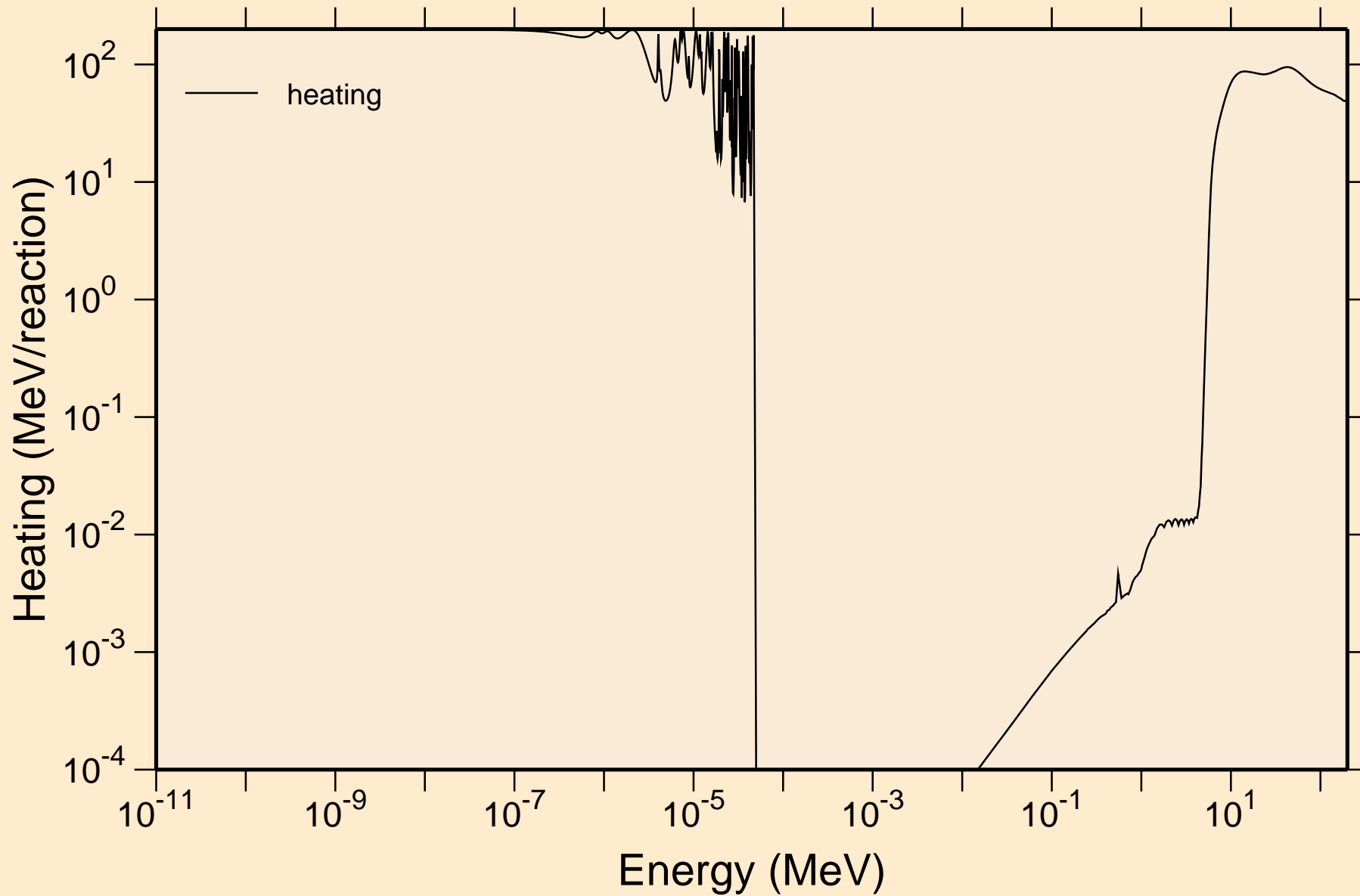


CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



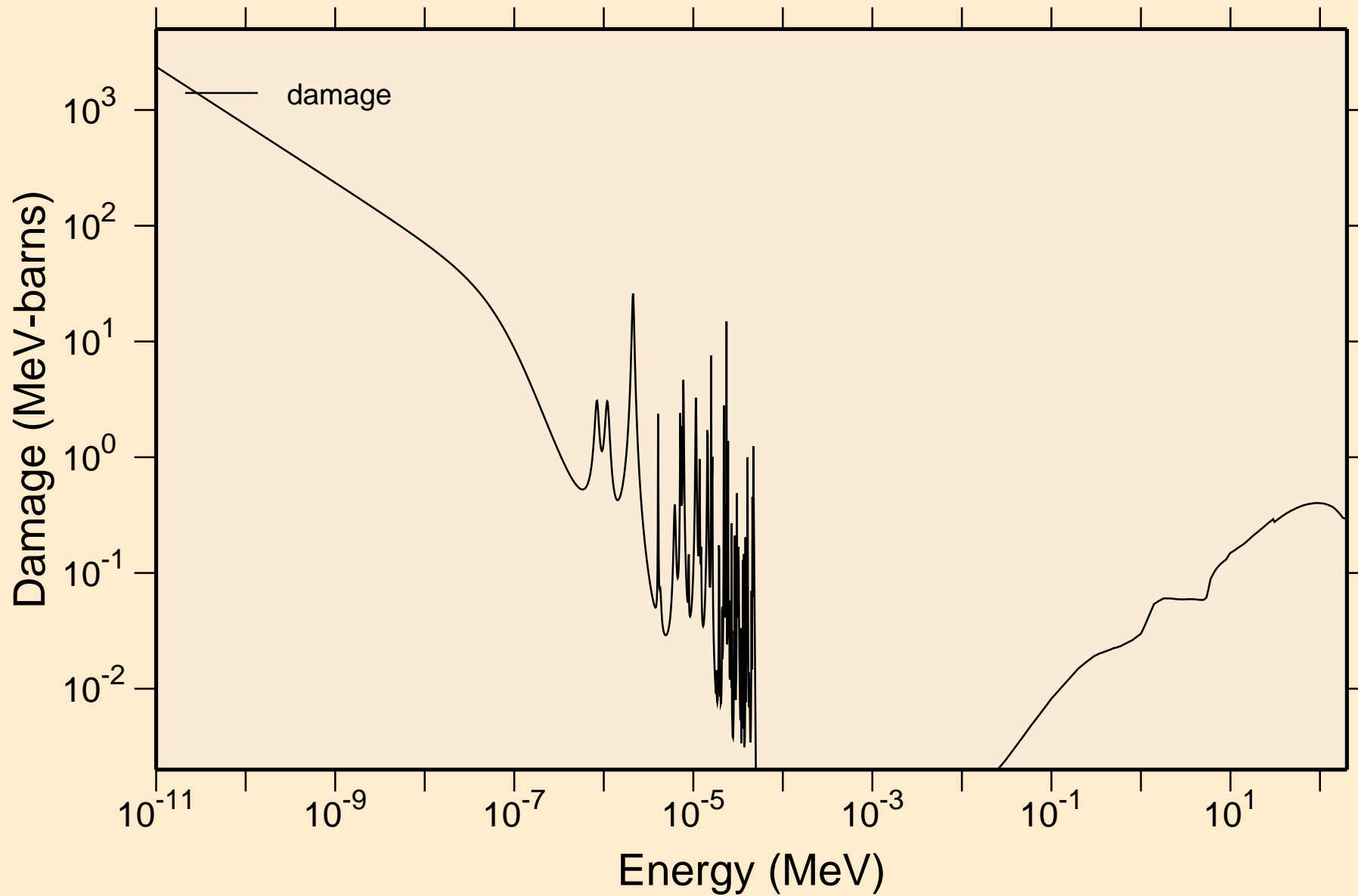
# CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



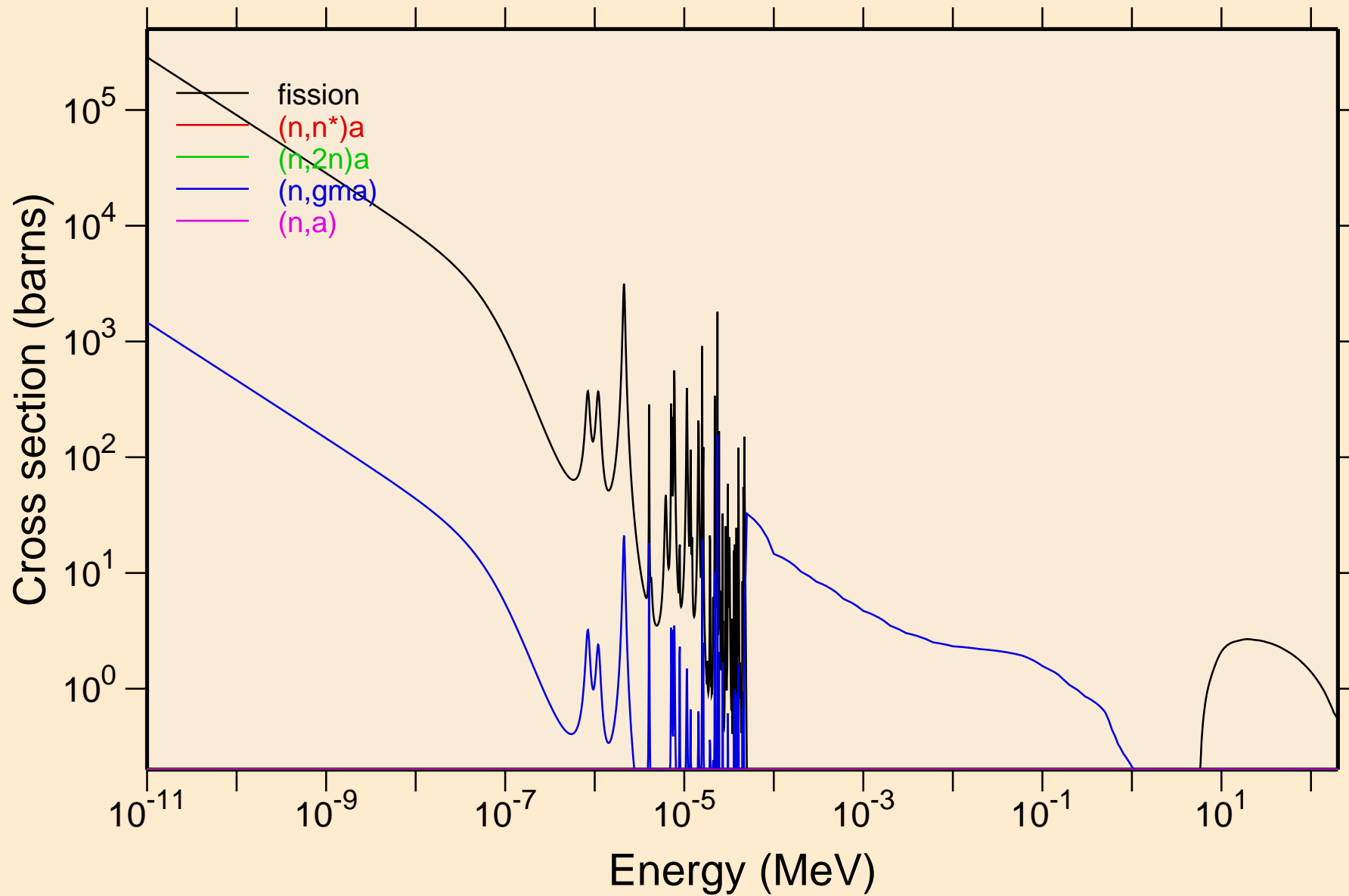
# CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

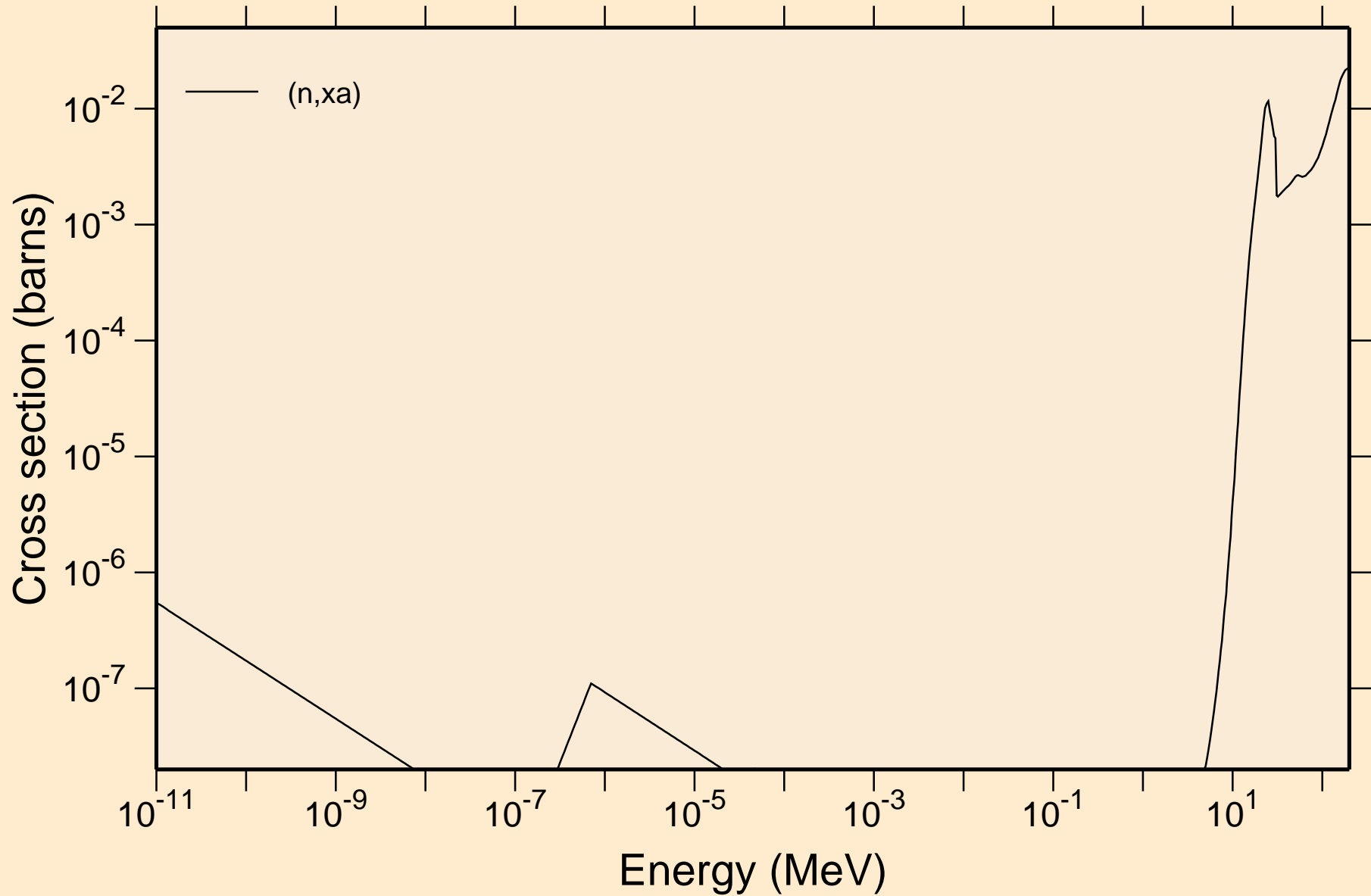


# CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

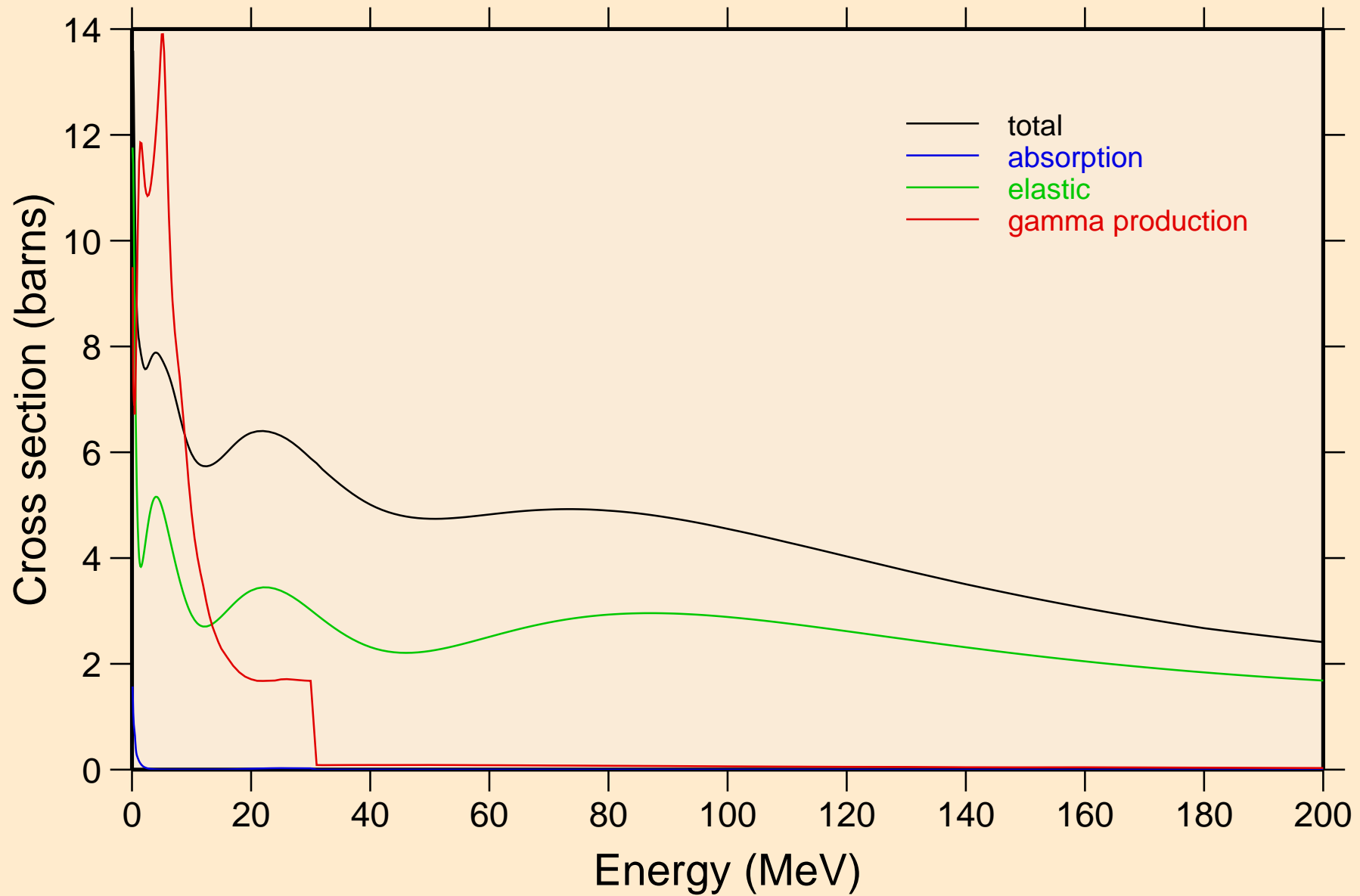


CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



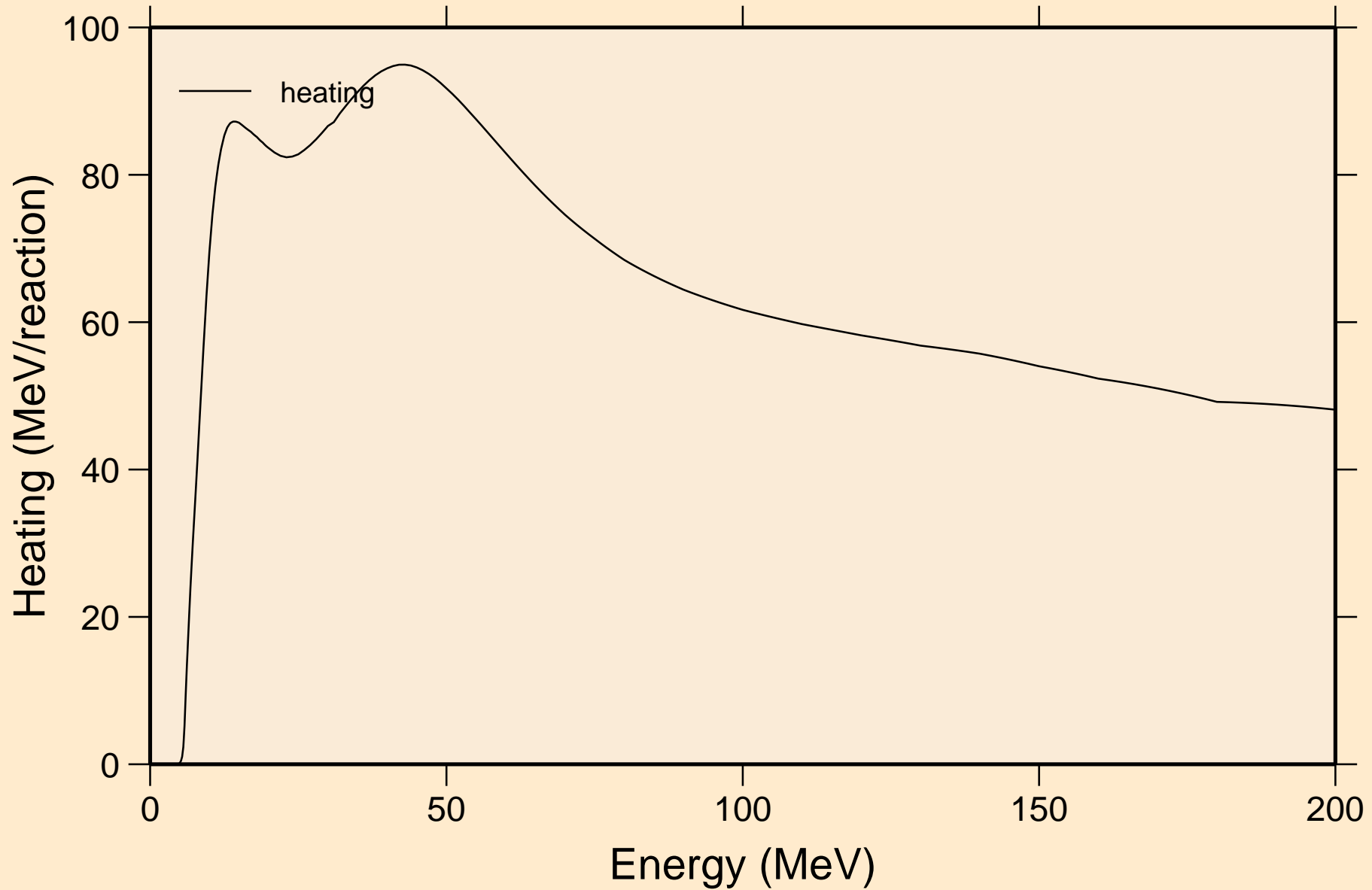
# CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



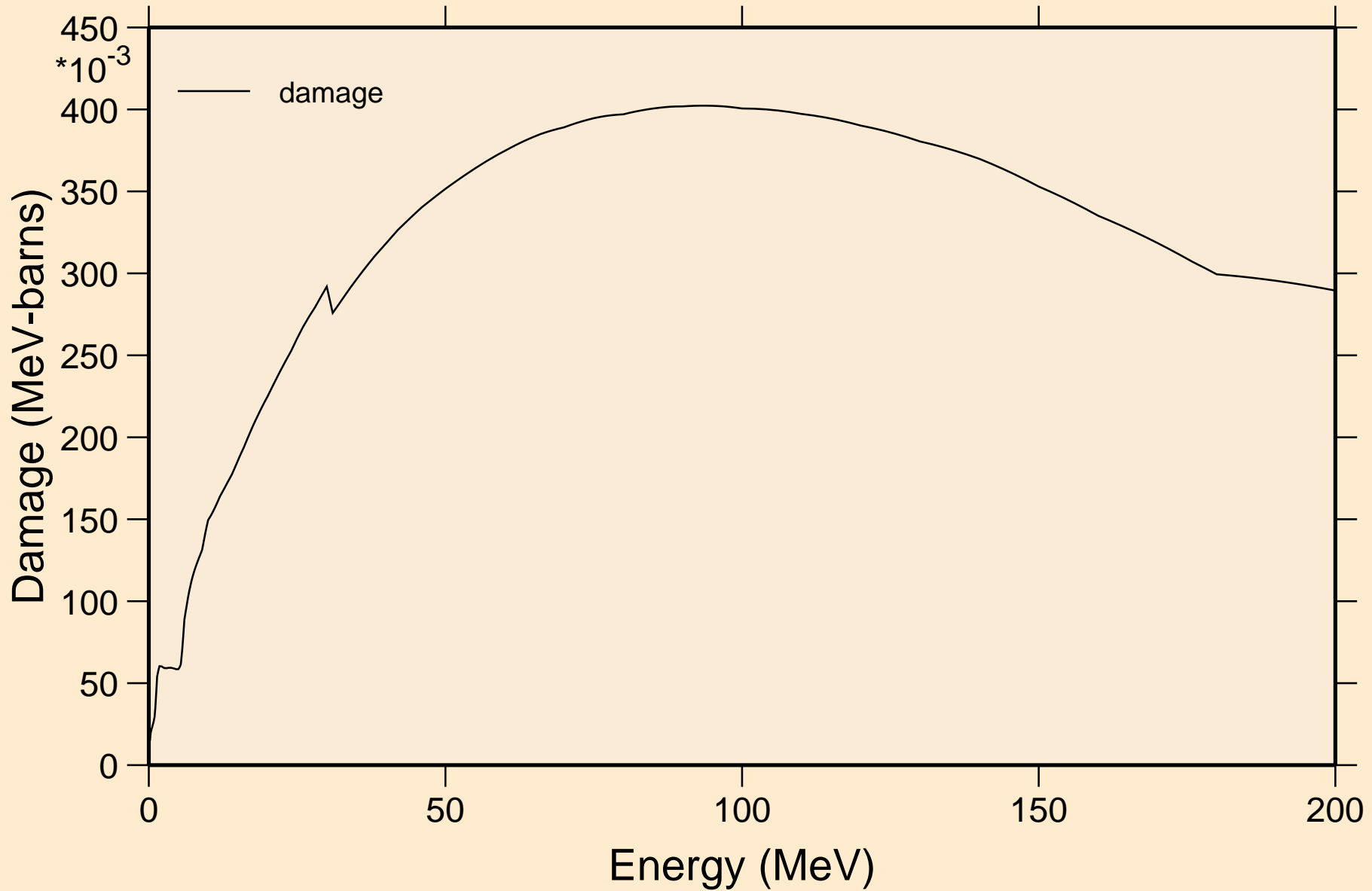
# CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



# CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

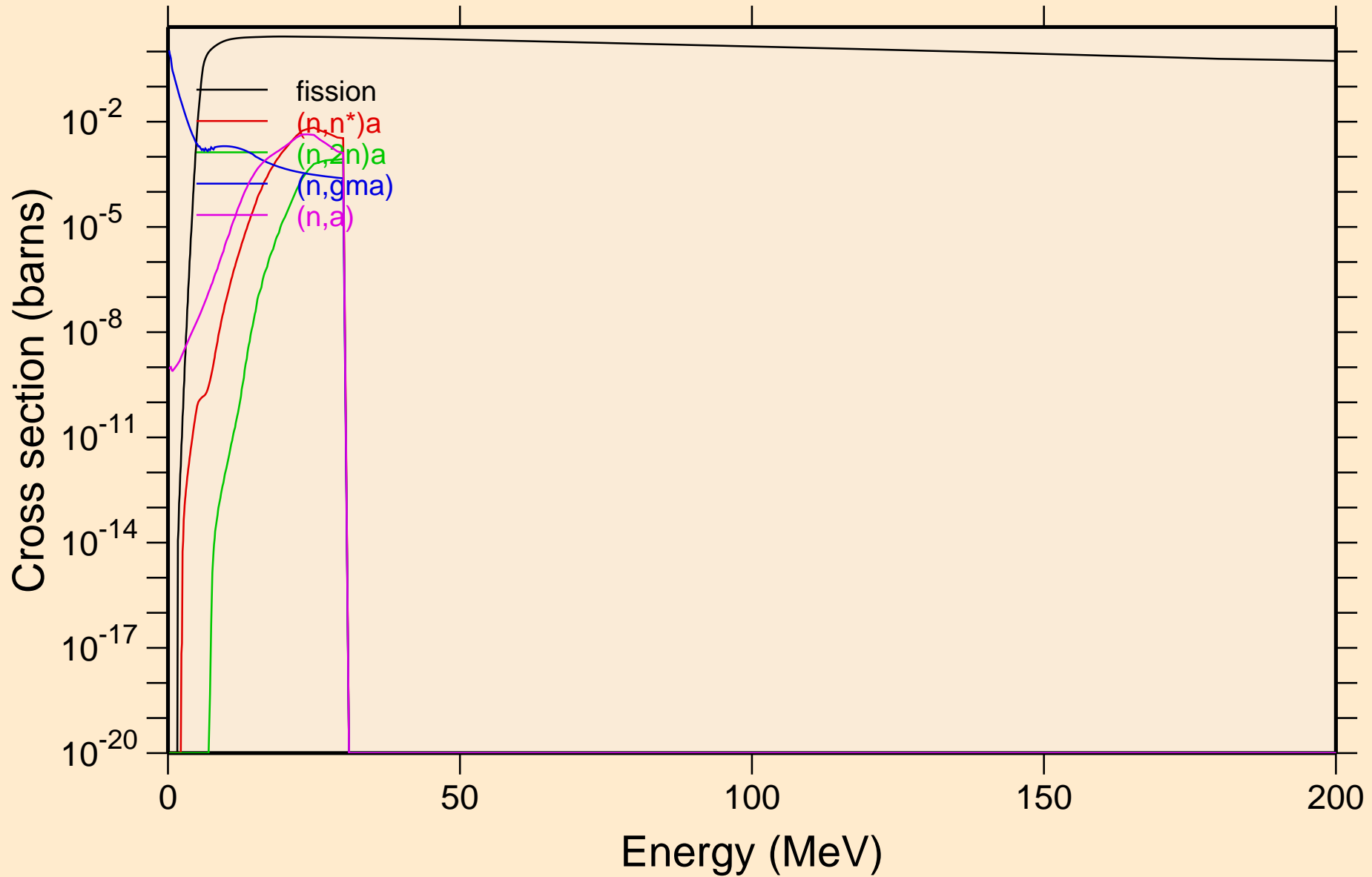
## Damage



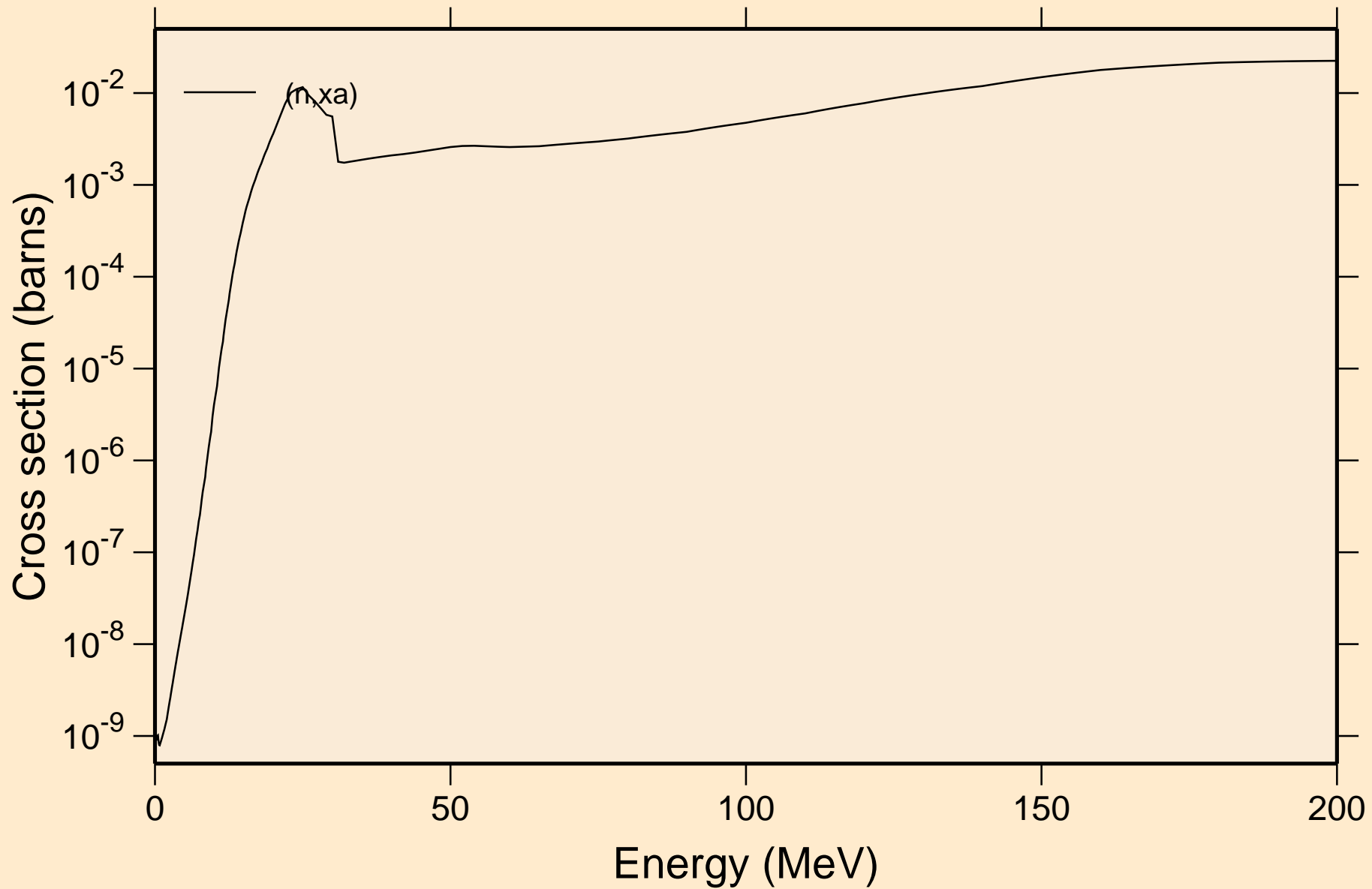


# CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

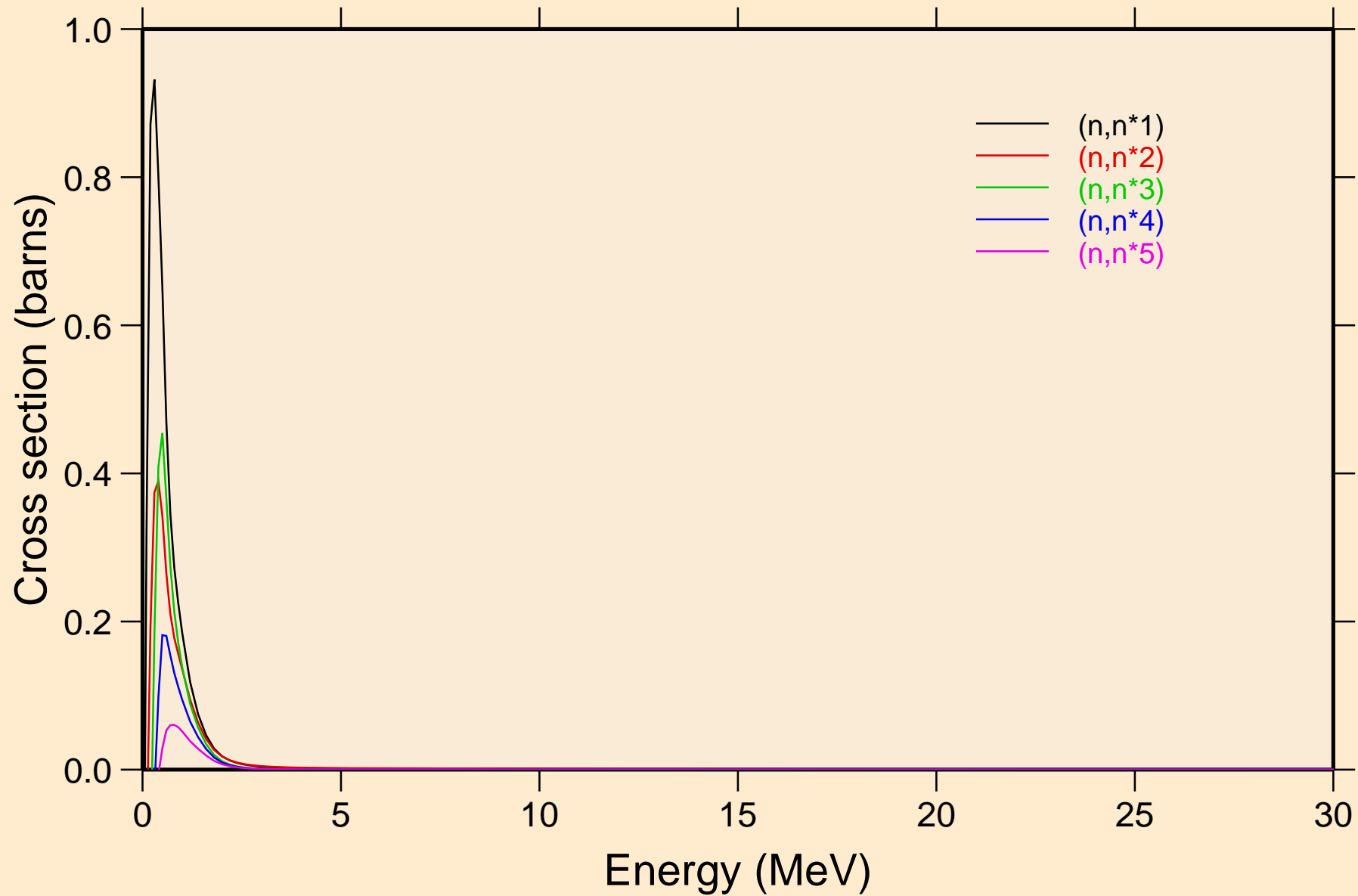
## Non-threshold reactions



CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

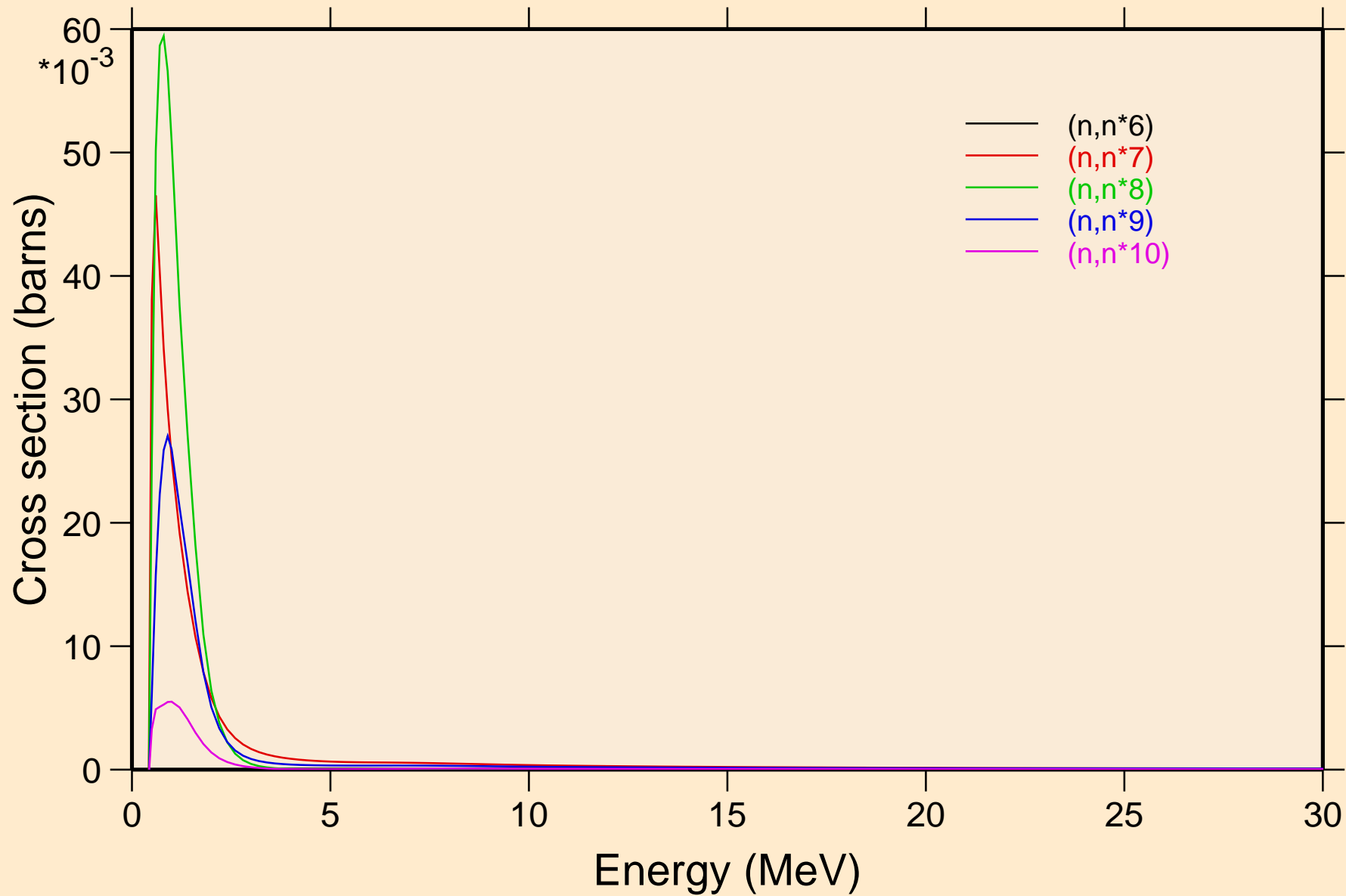


CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



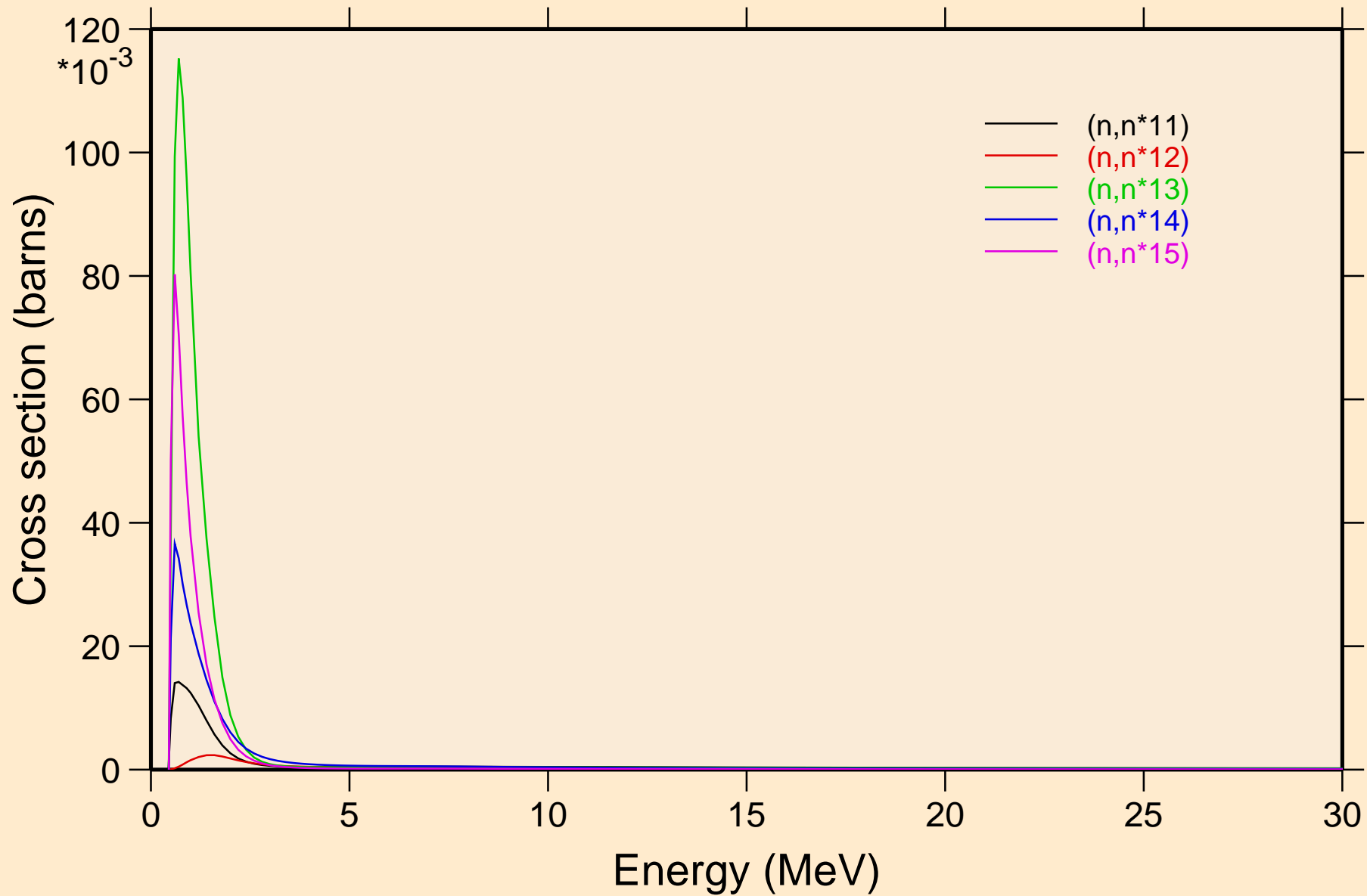
# CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels

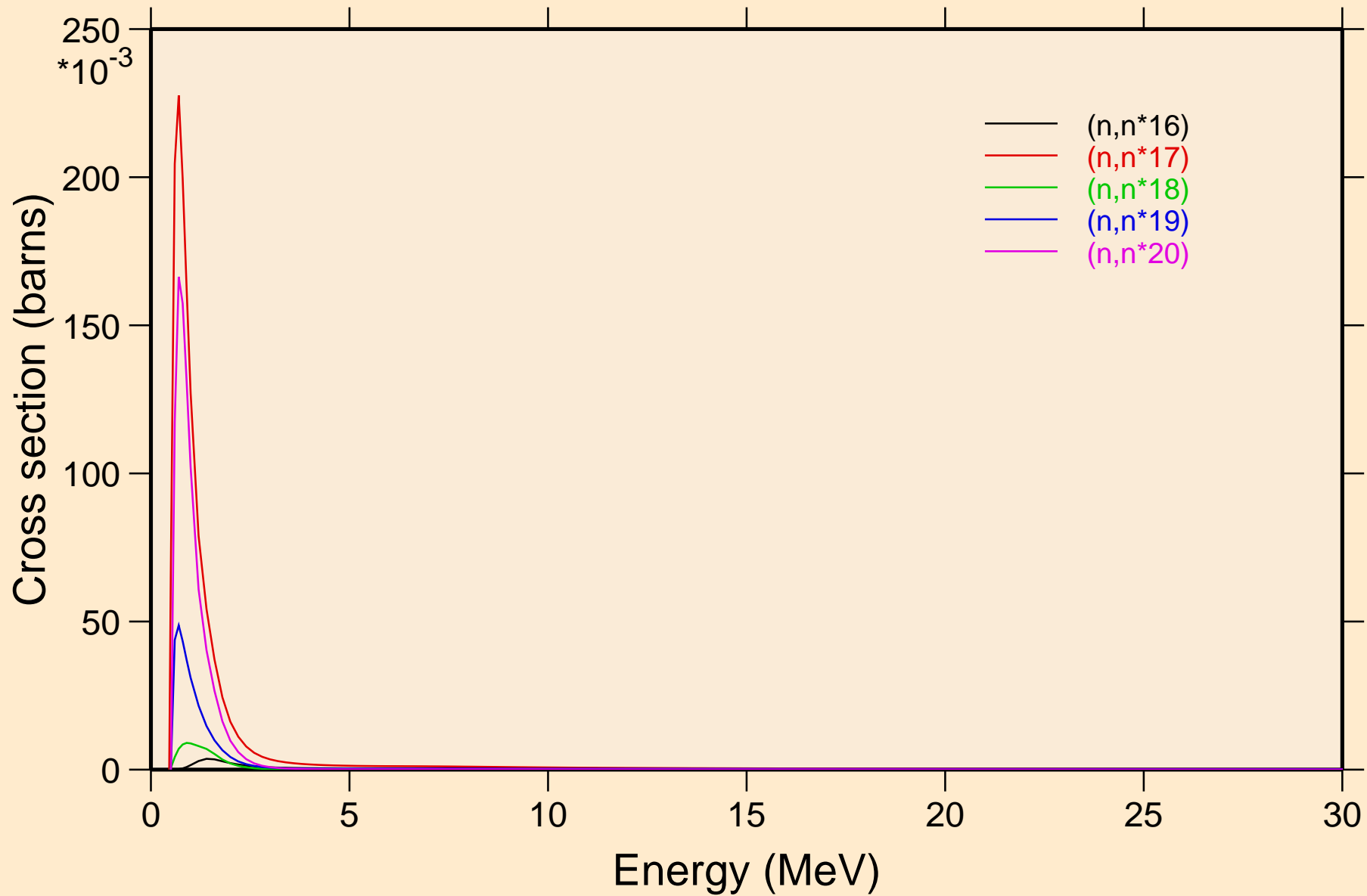


# CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels

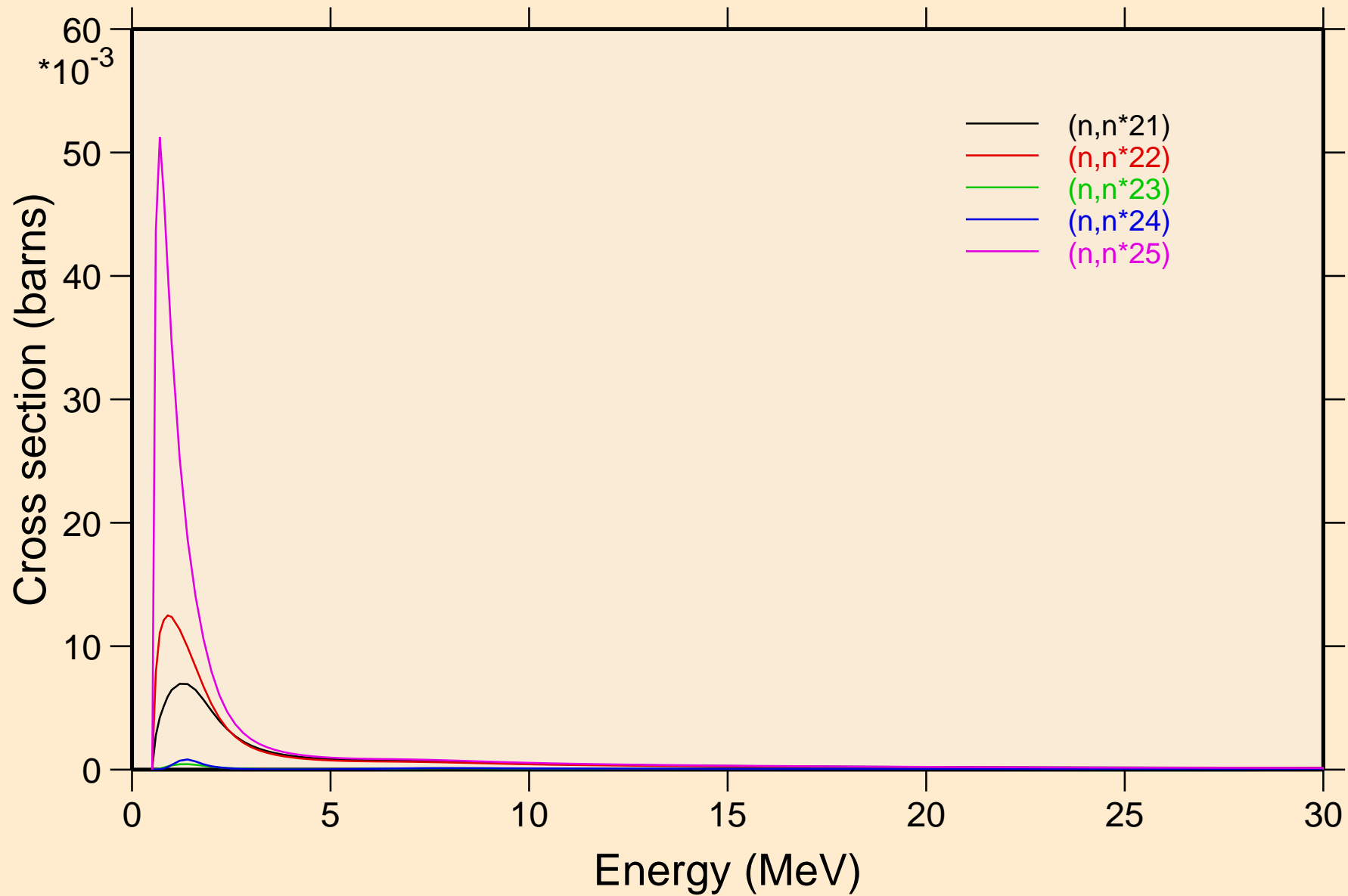


CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

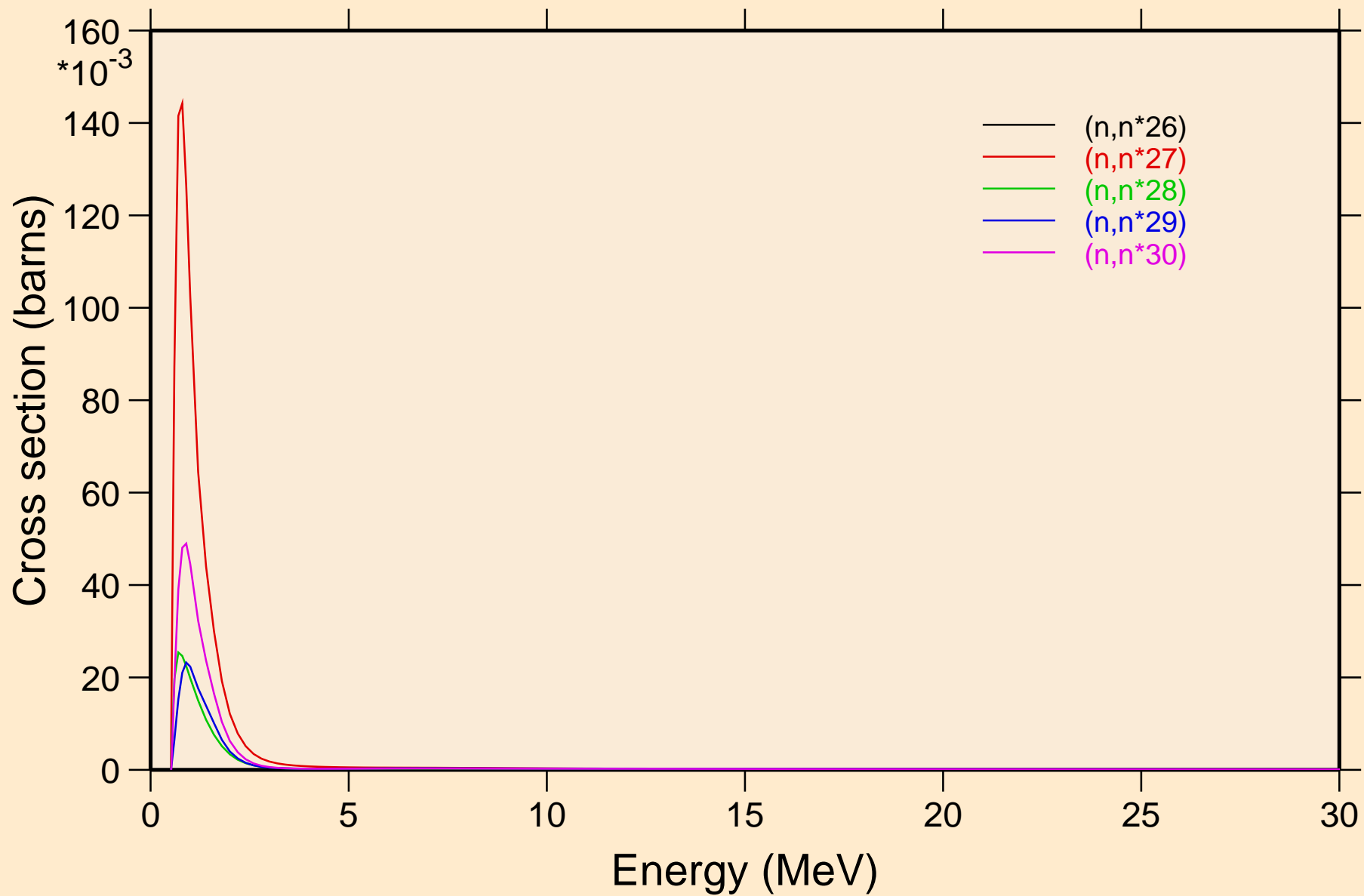


# CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels



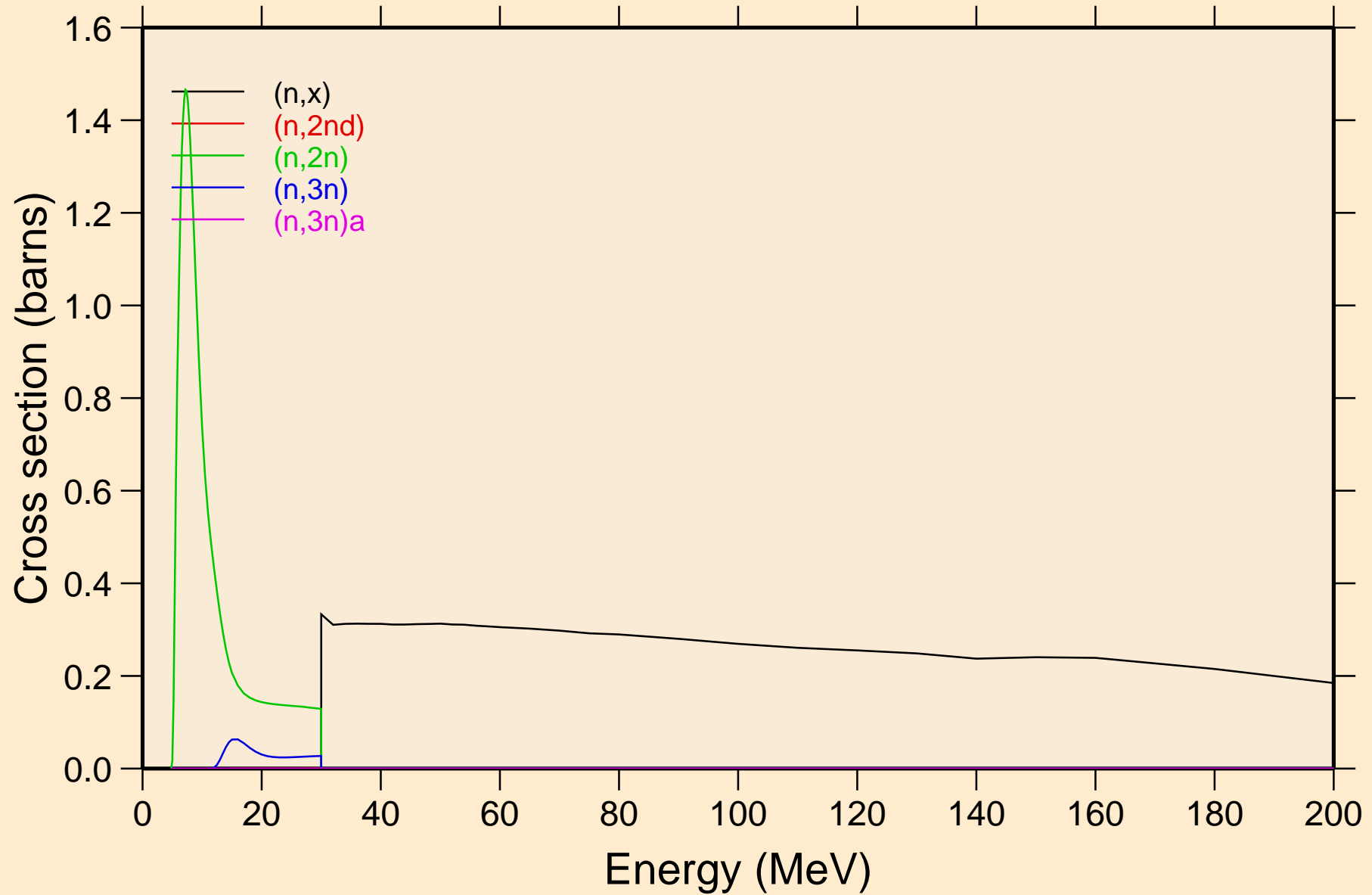
CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels





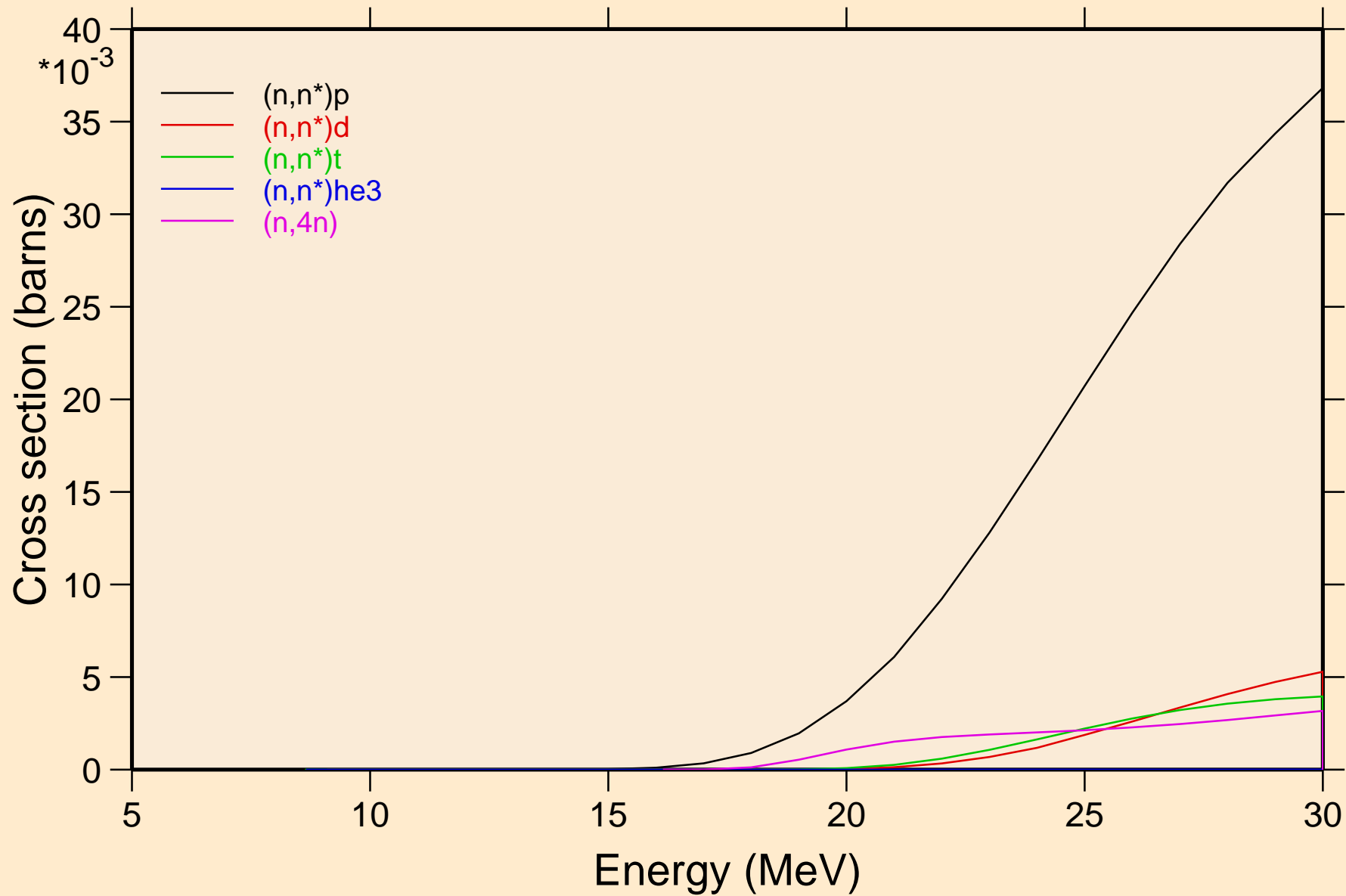
# CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



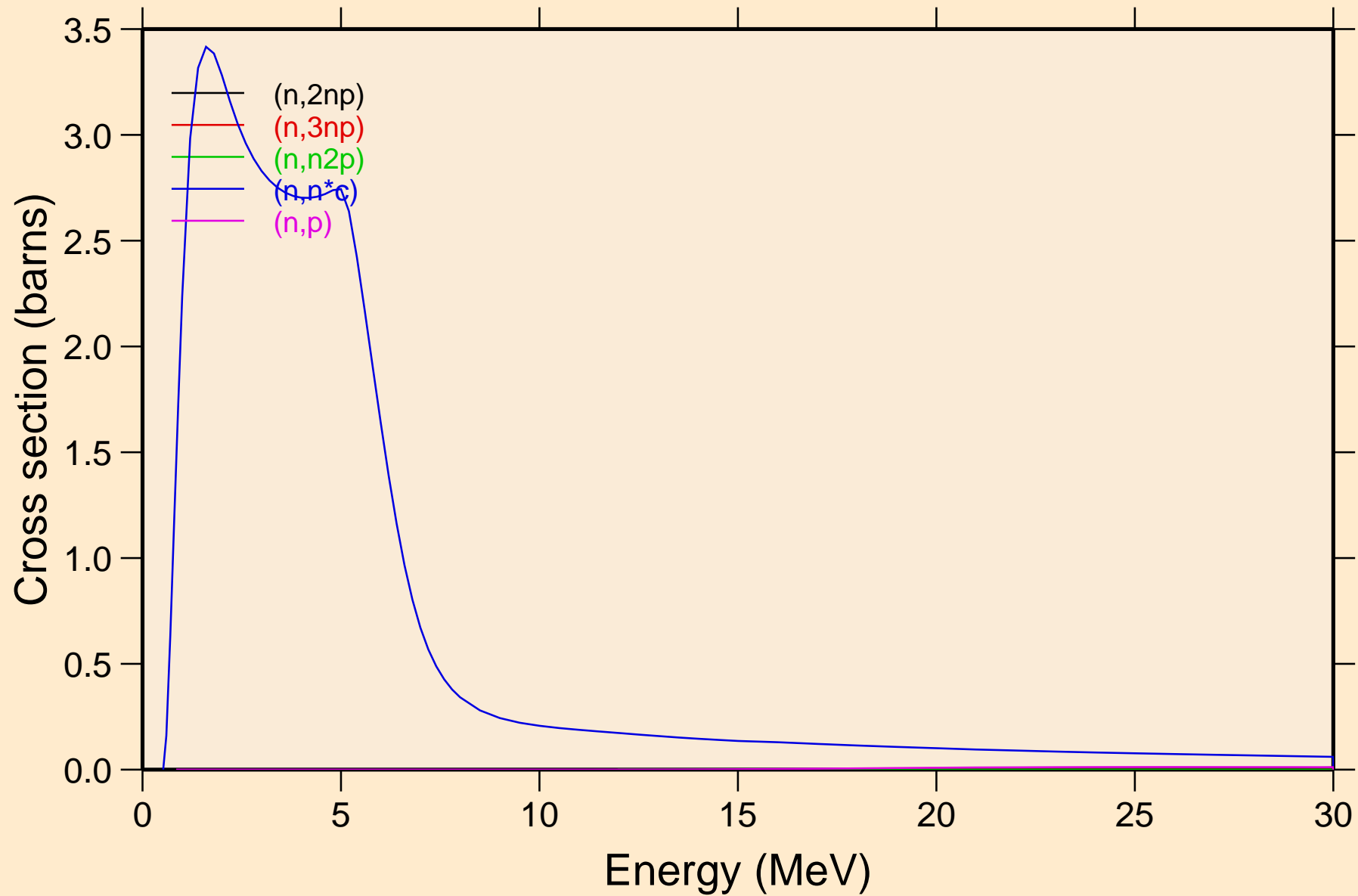
# CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

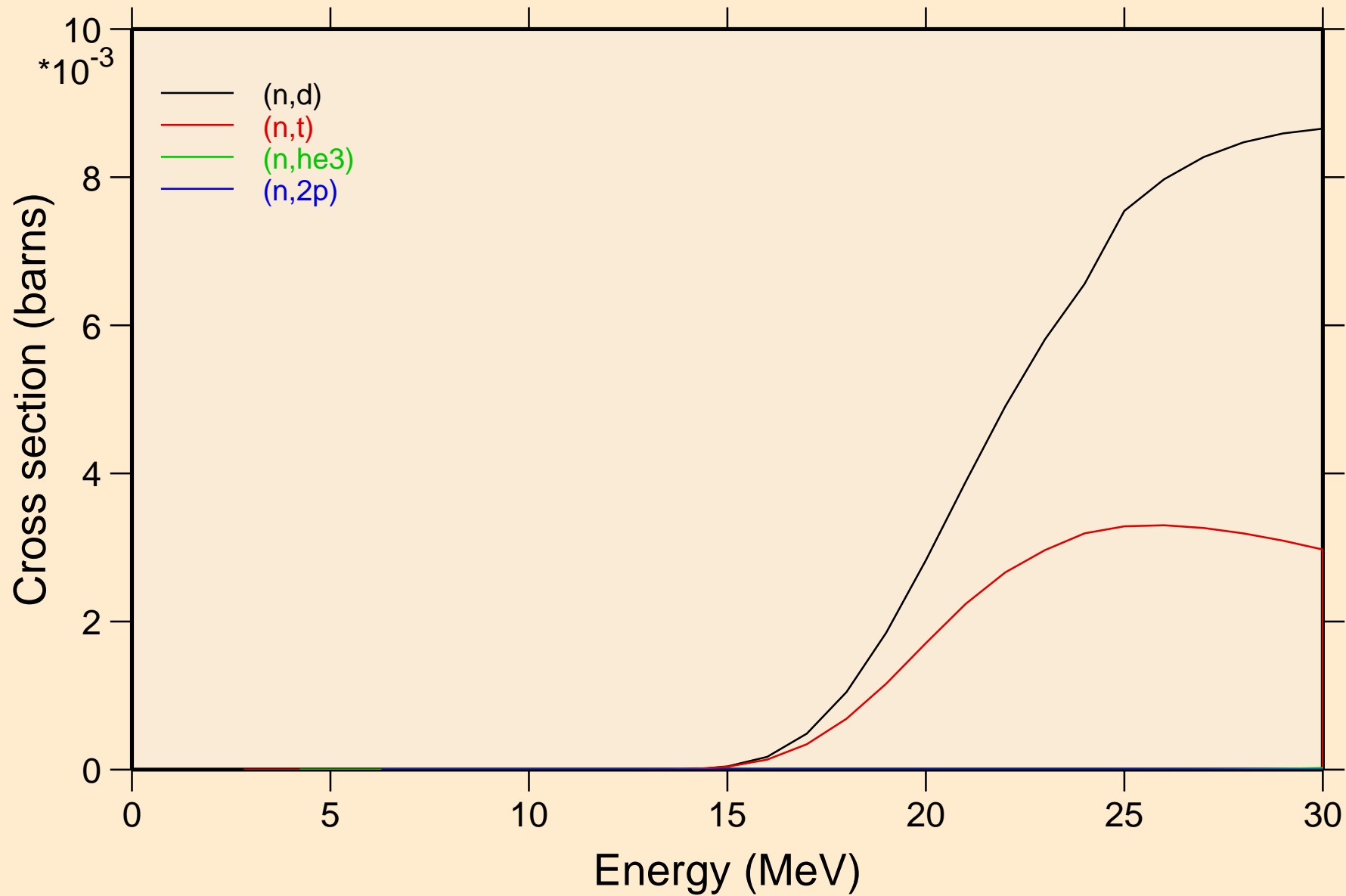


# CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

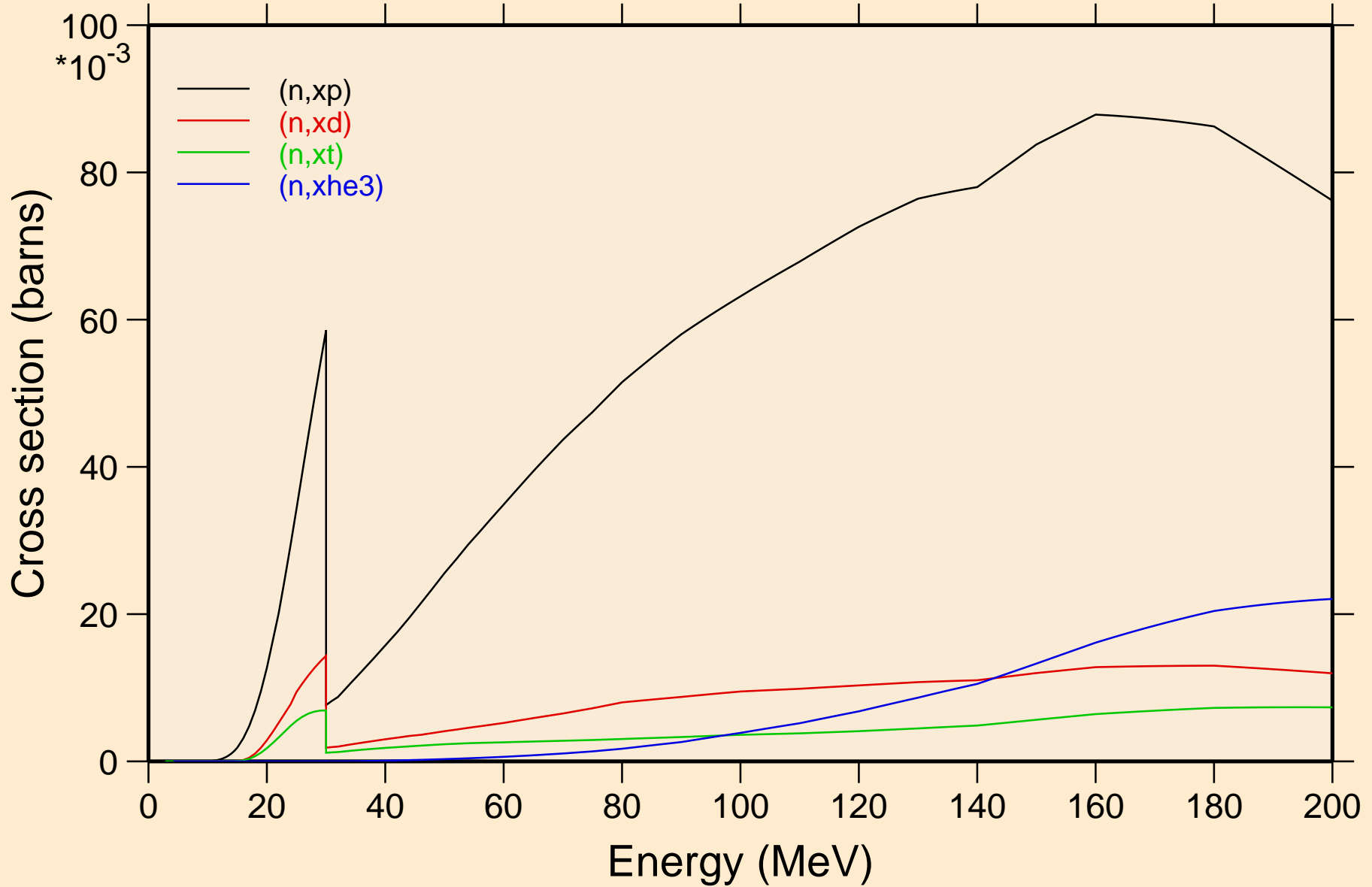


CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

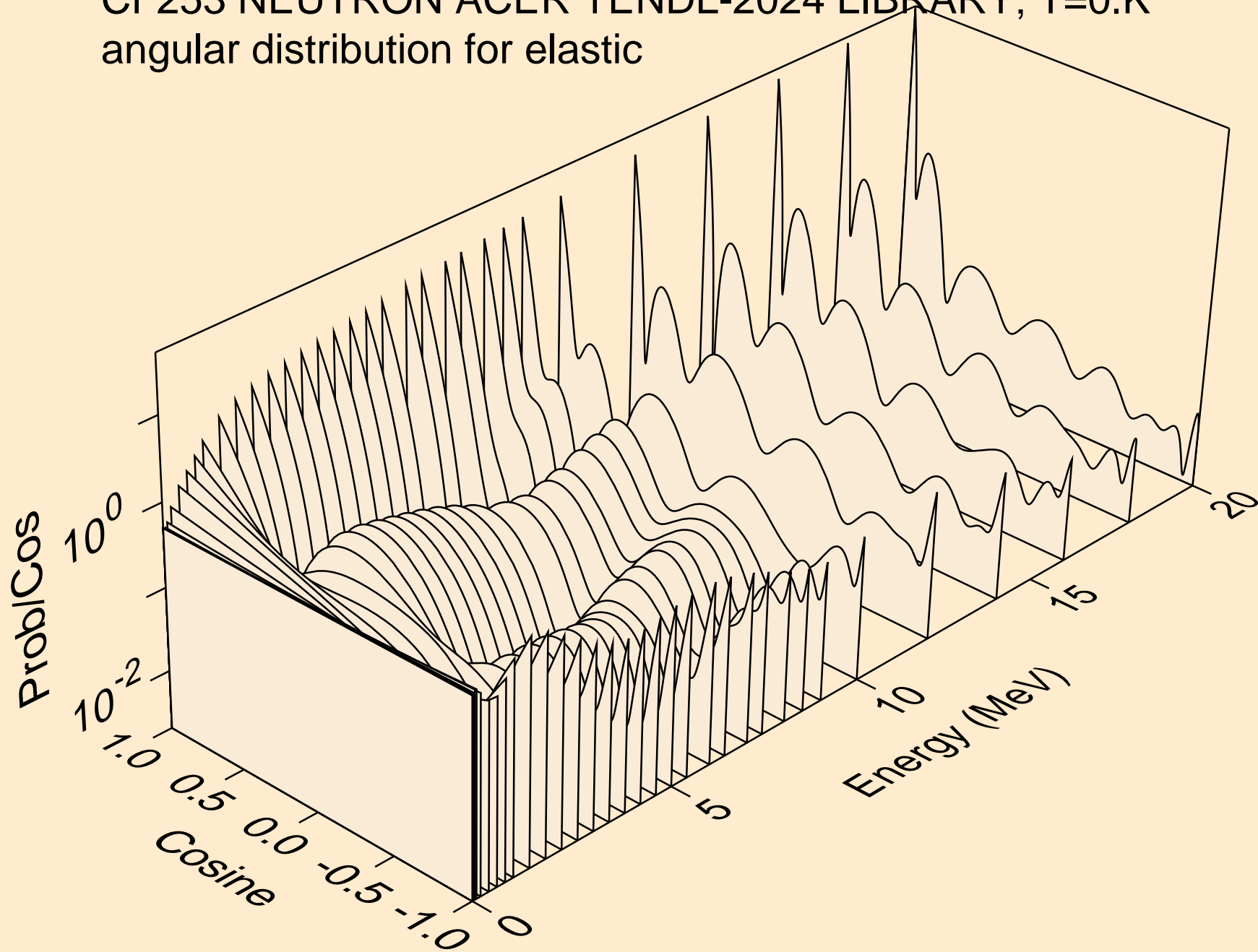


# CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

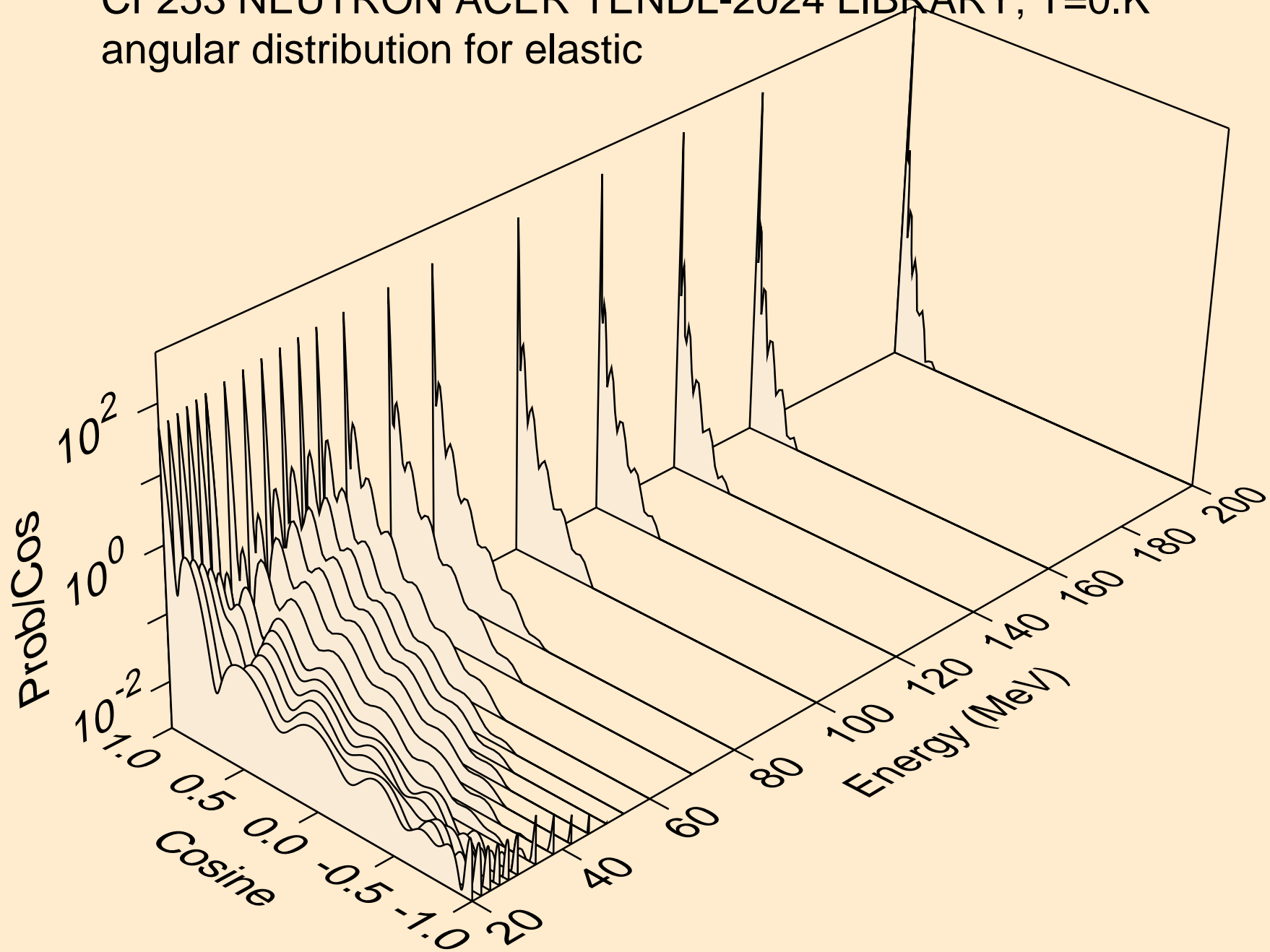
## Threshold reactions



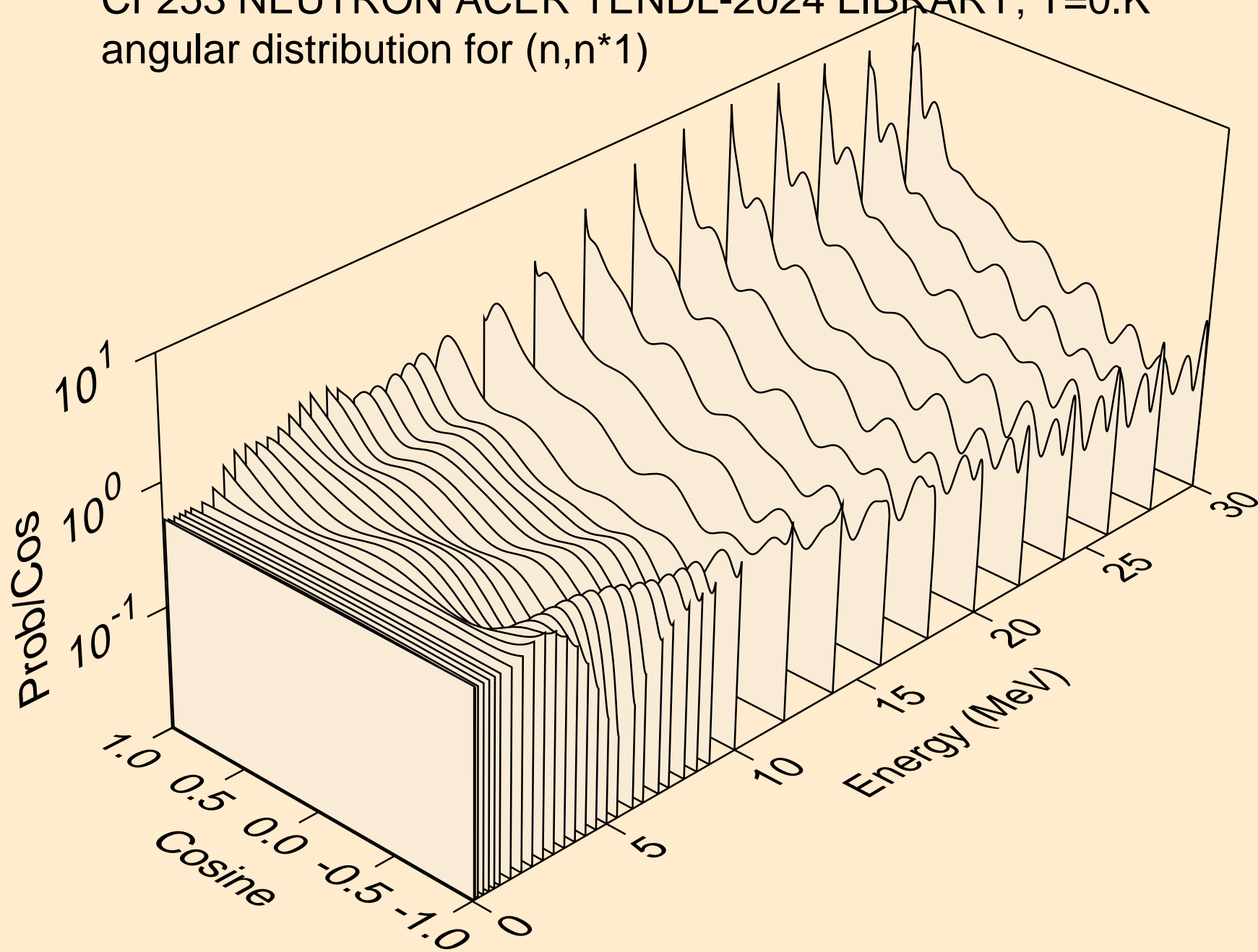
CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

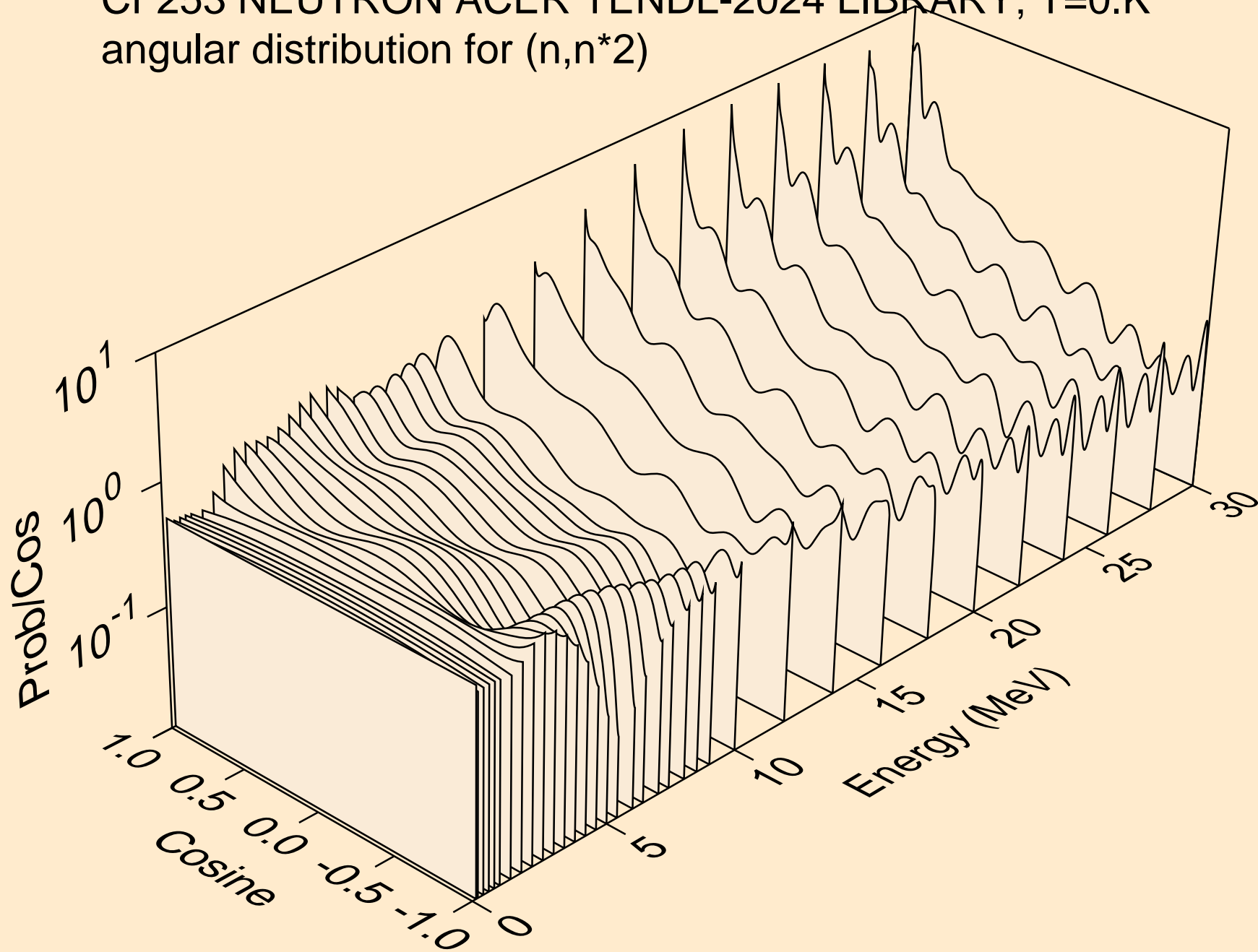


CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

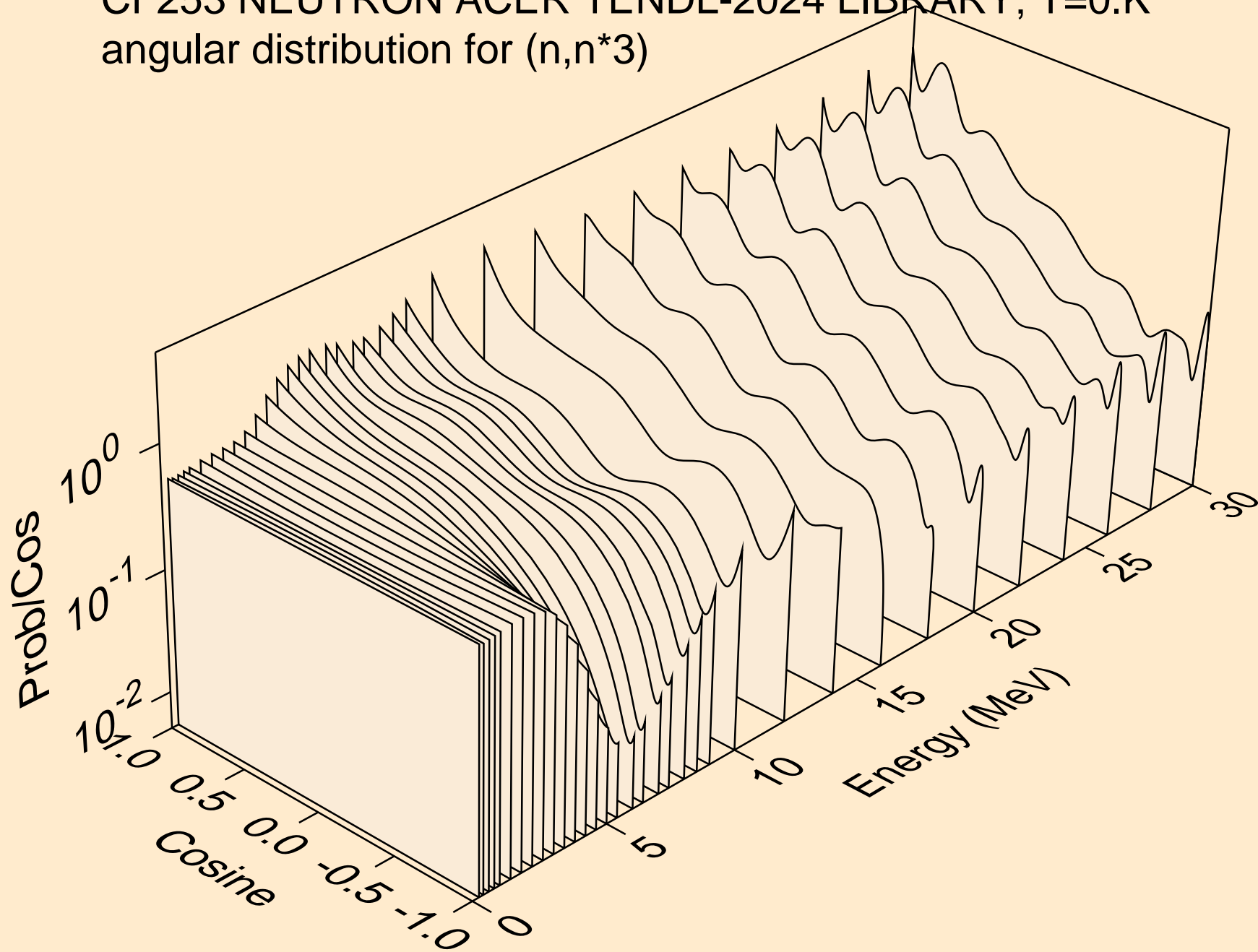




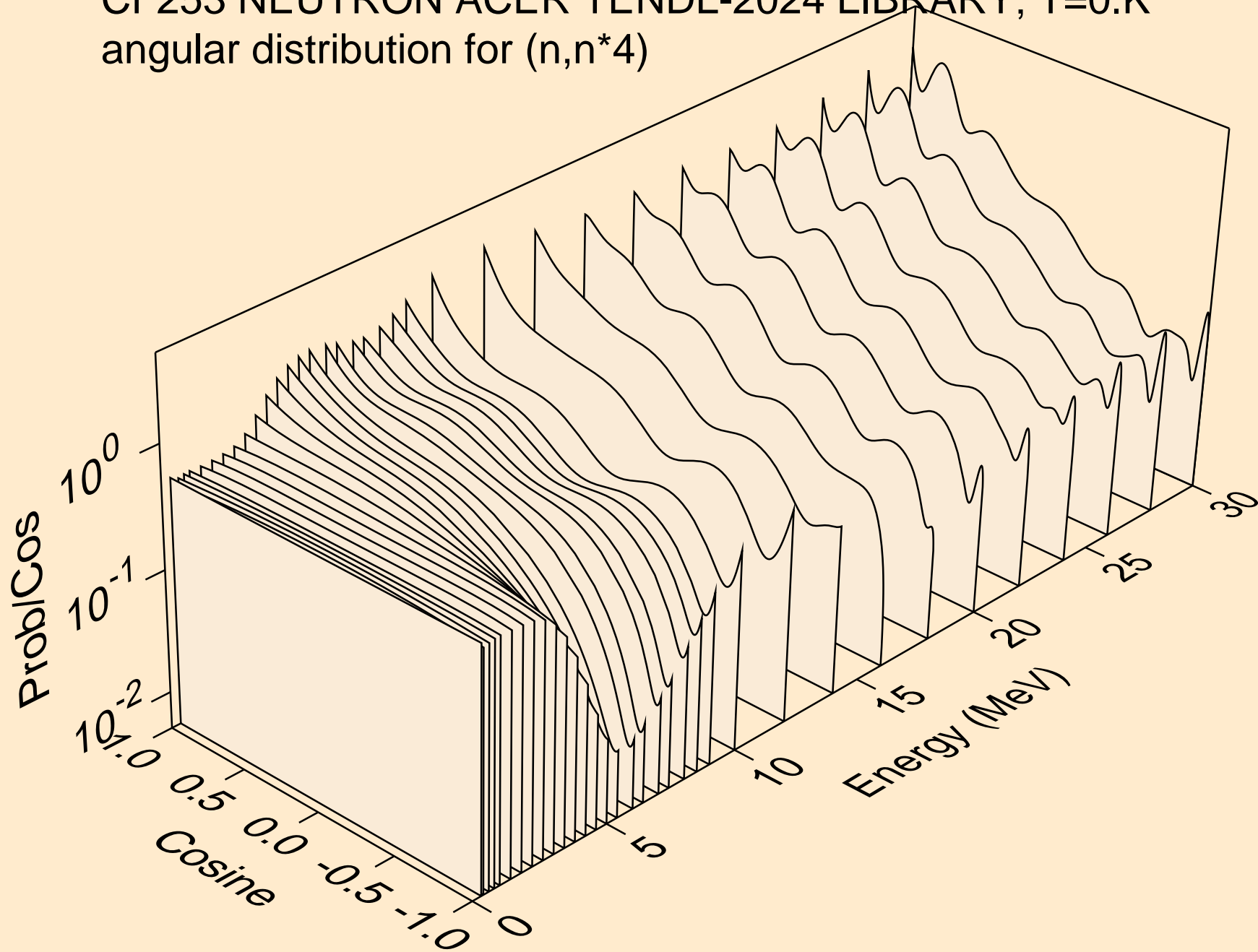
CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



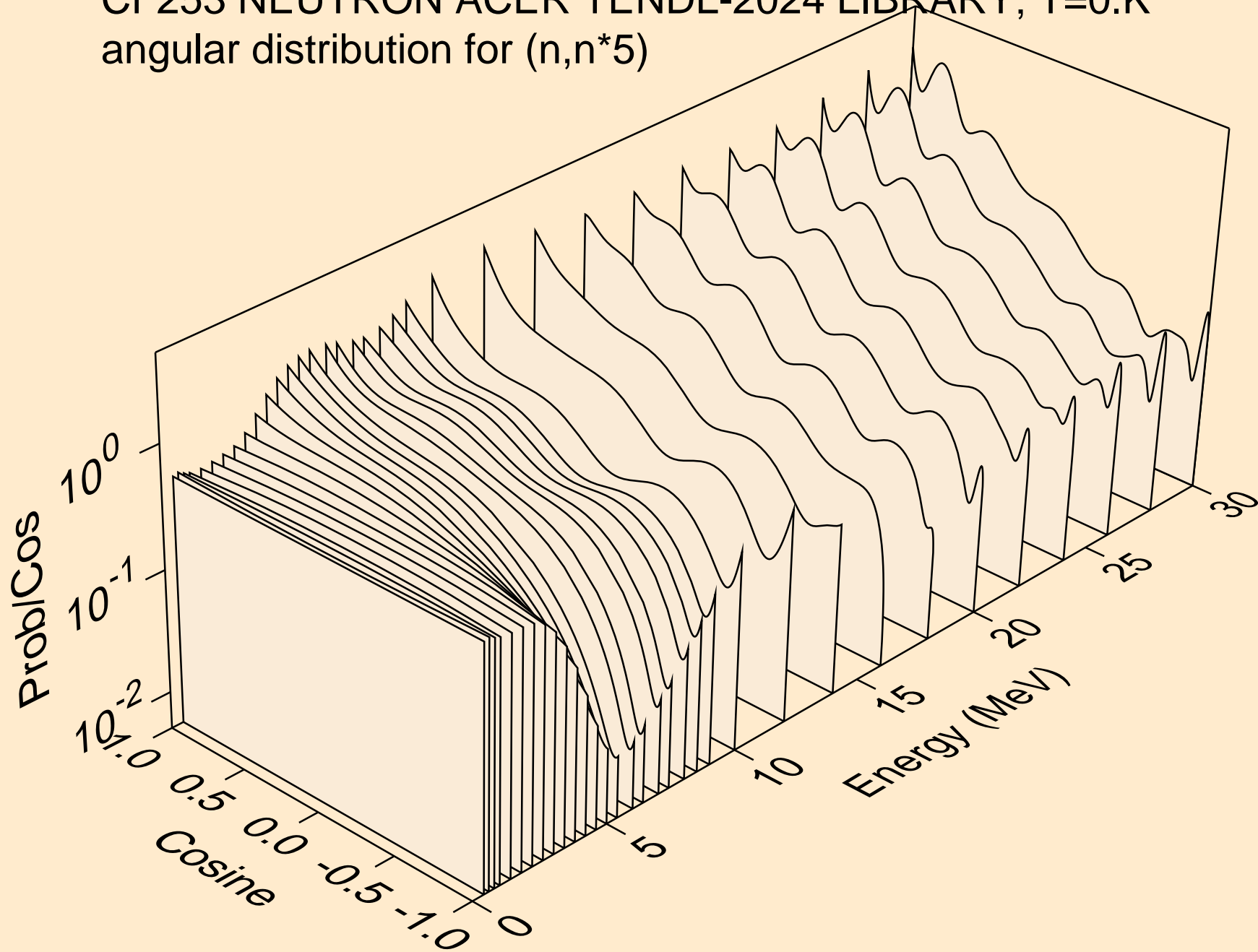
CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



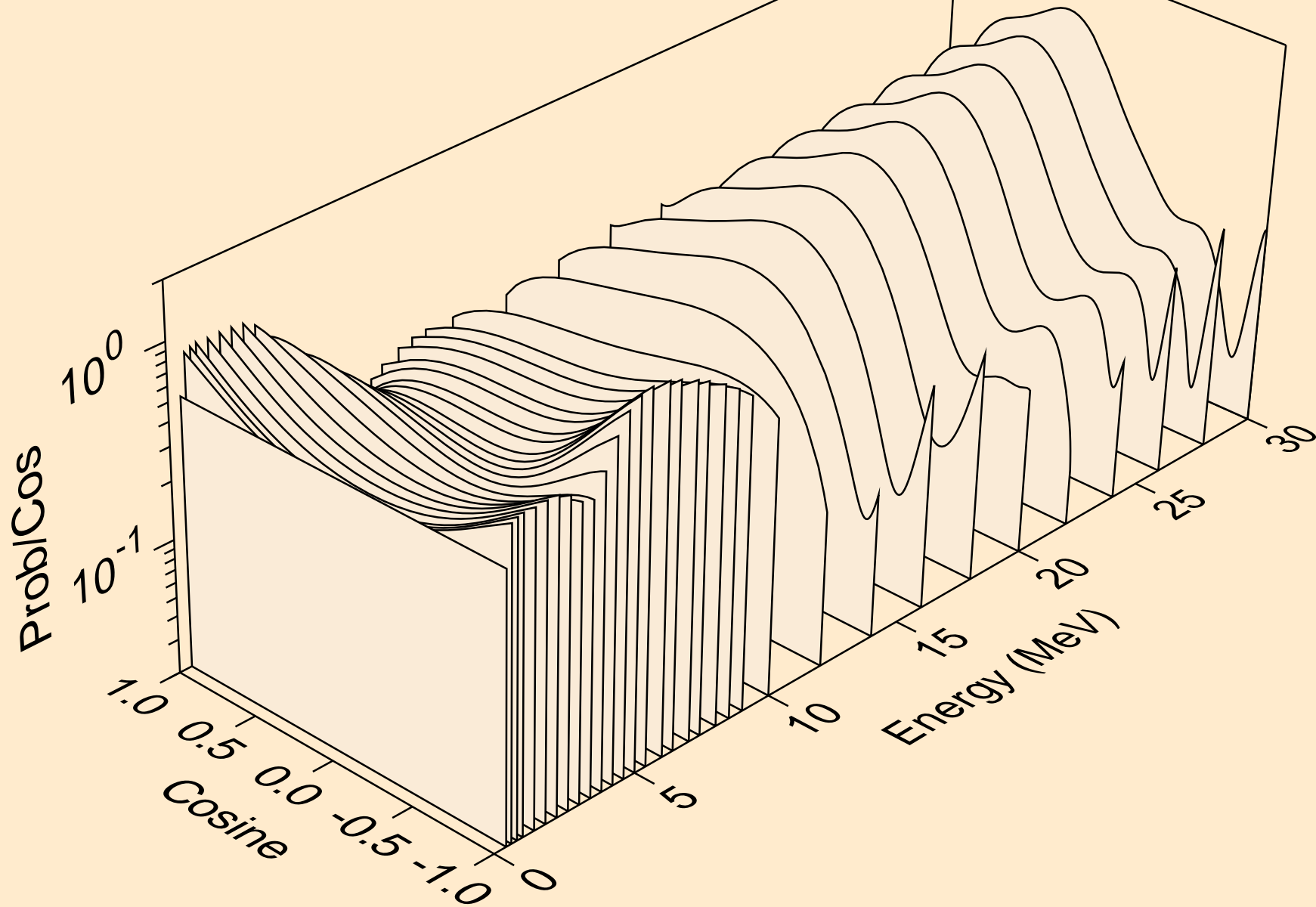
CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



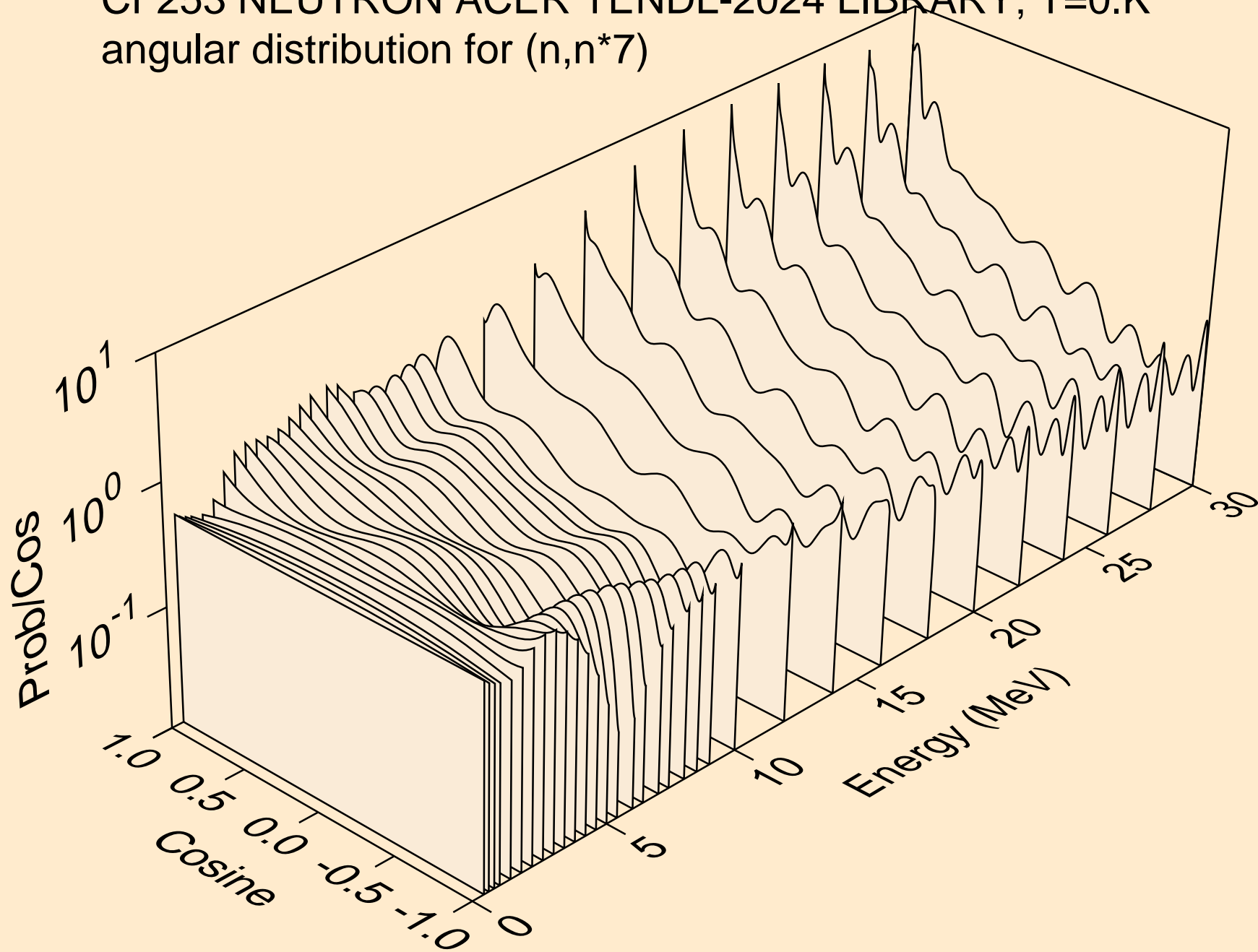
CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



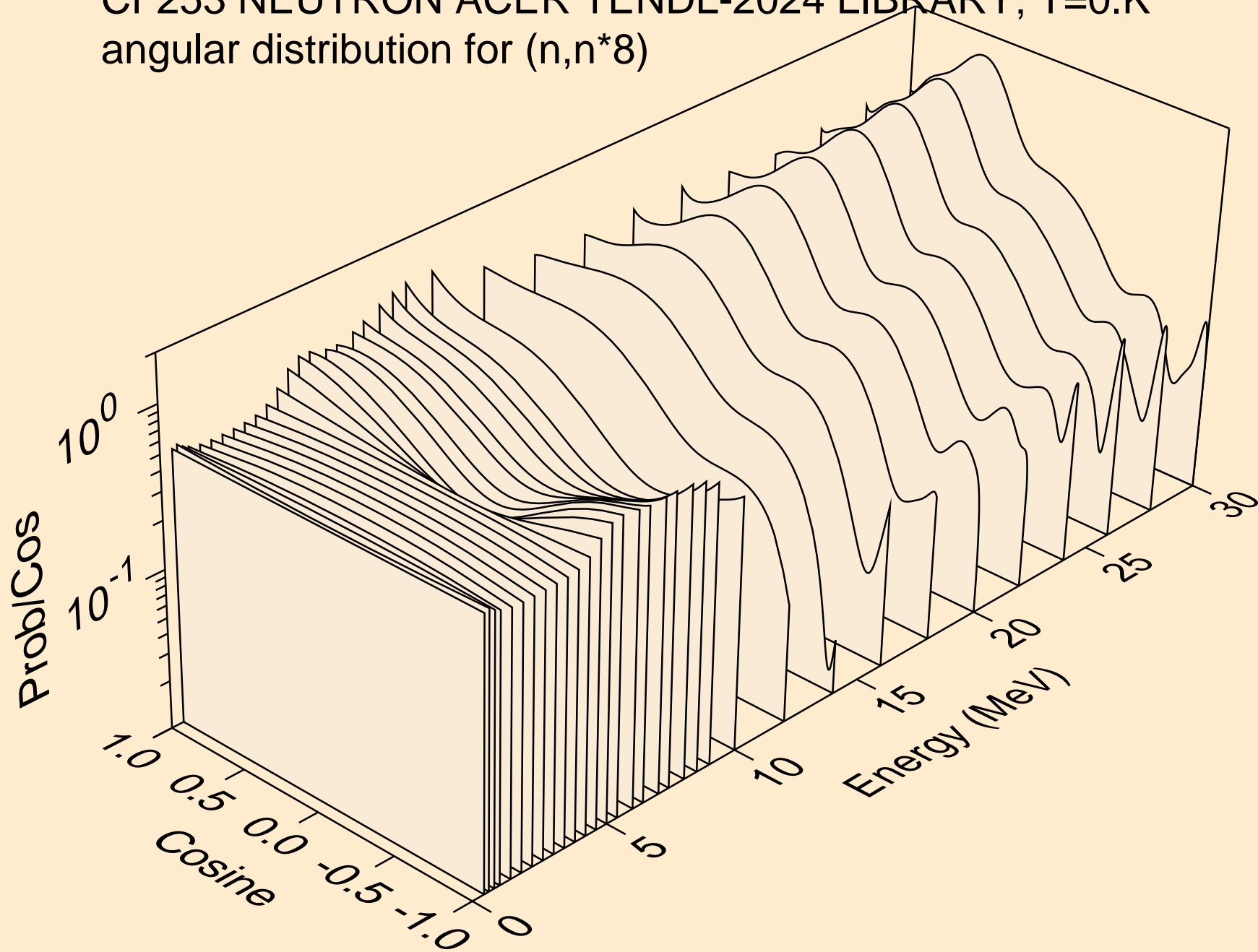
CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



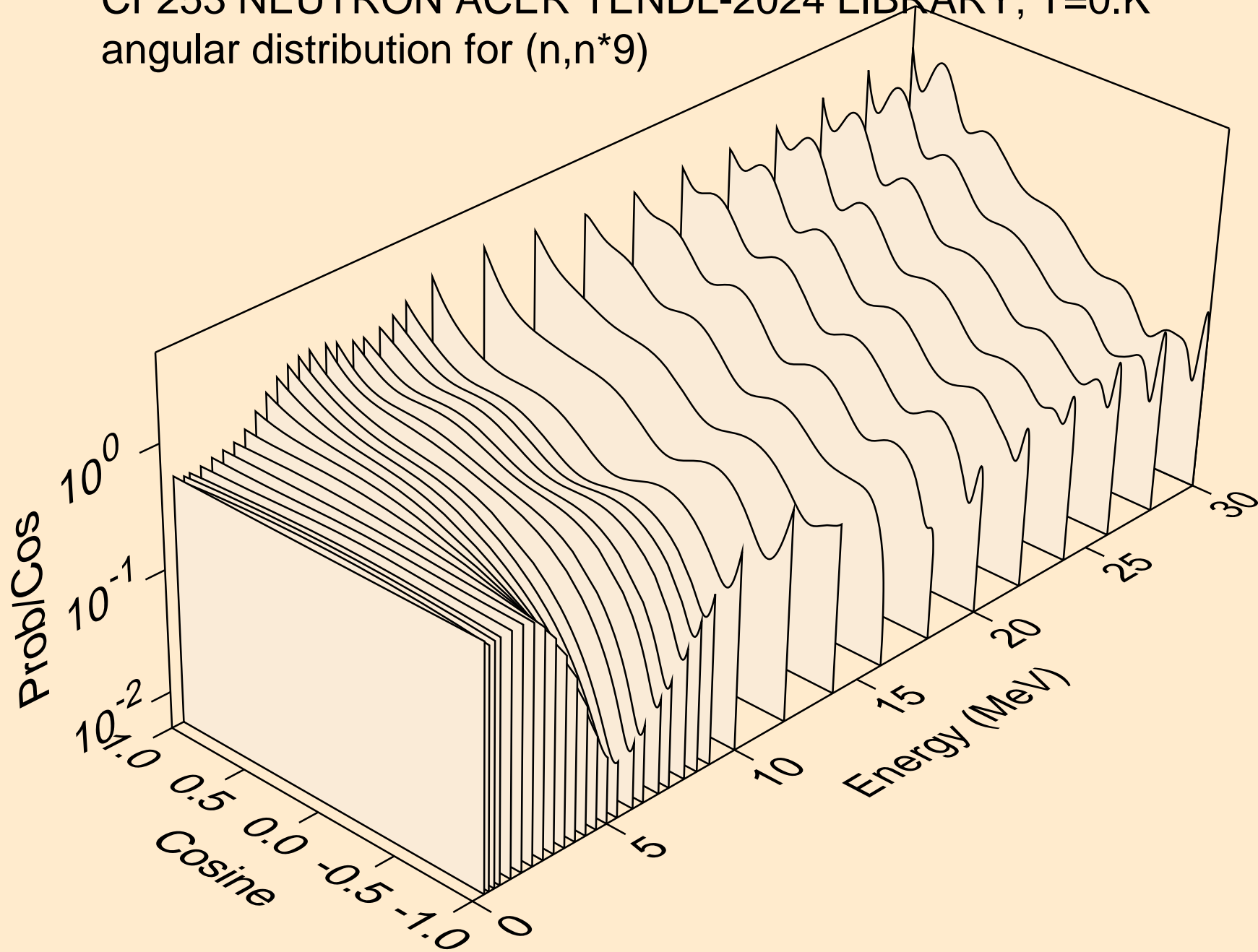
CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)

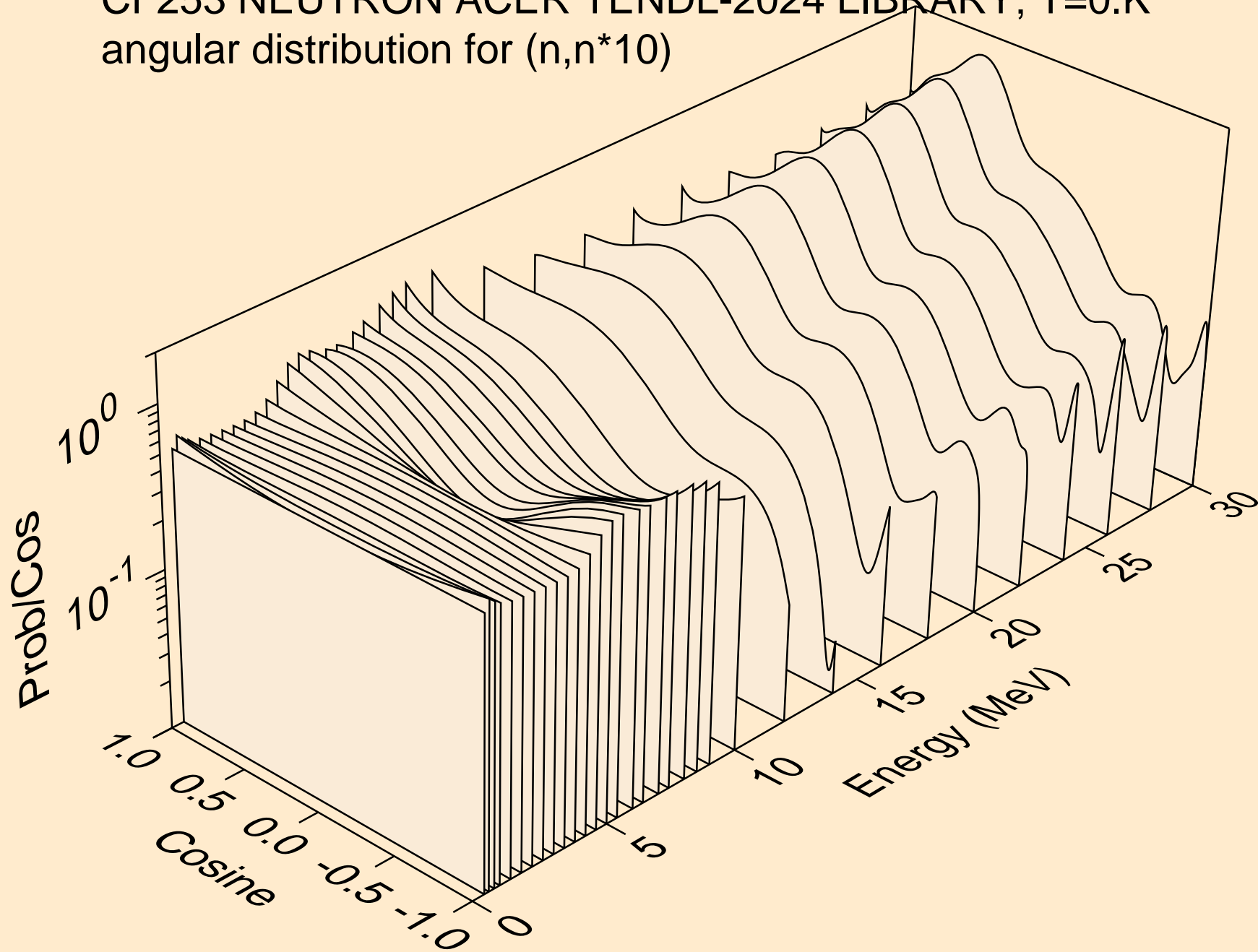


CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)

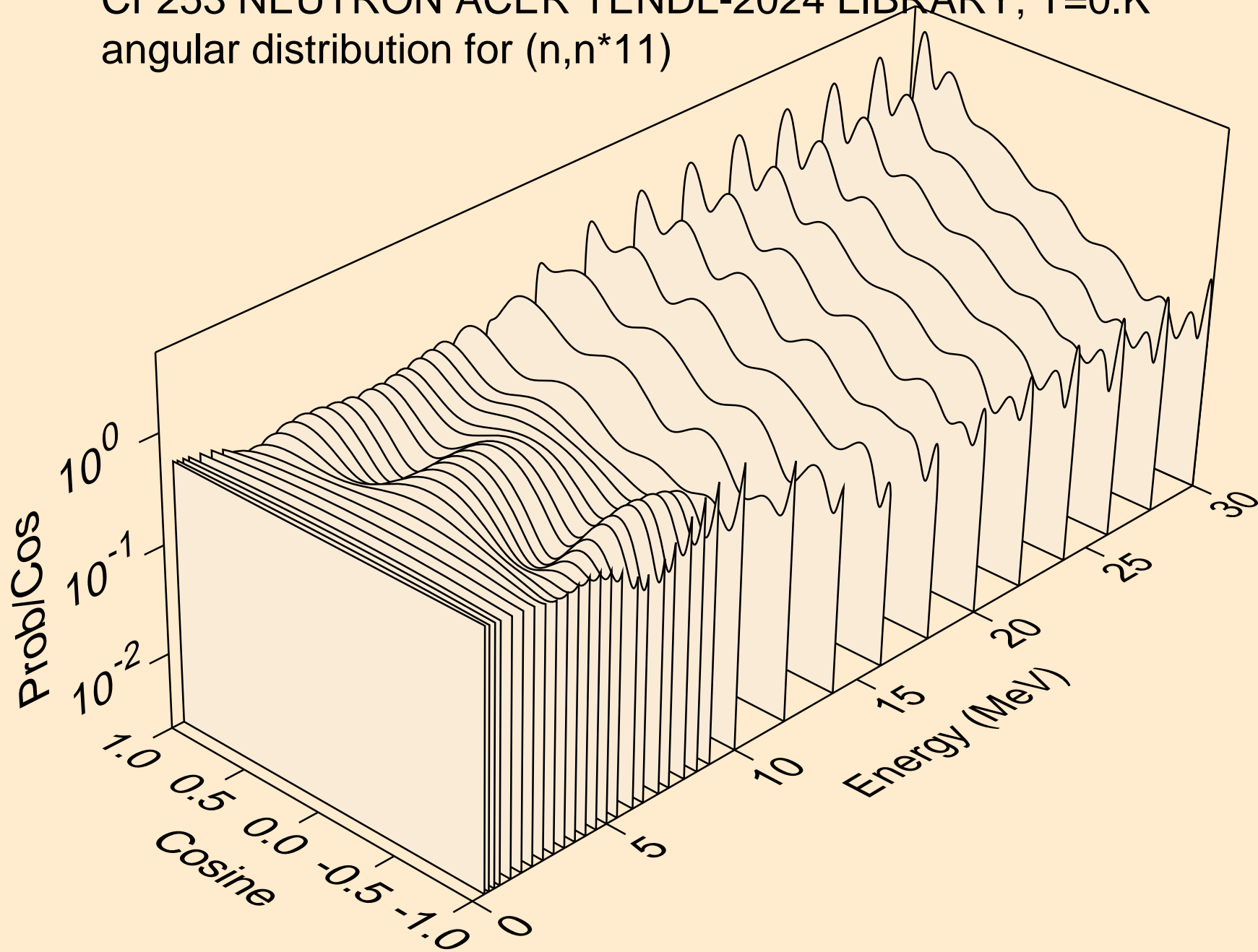




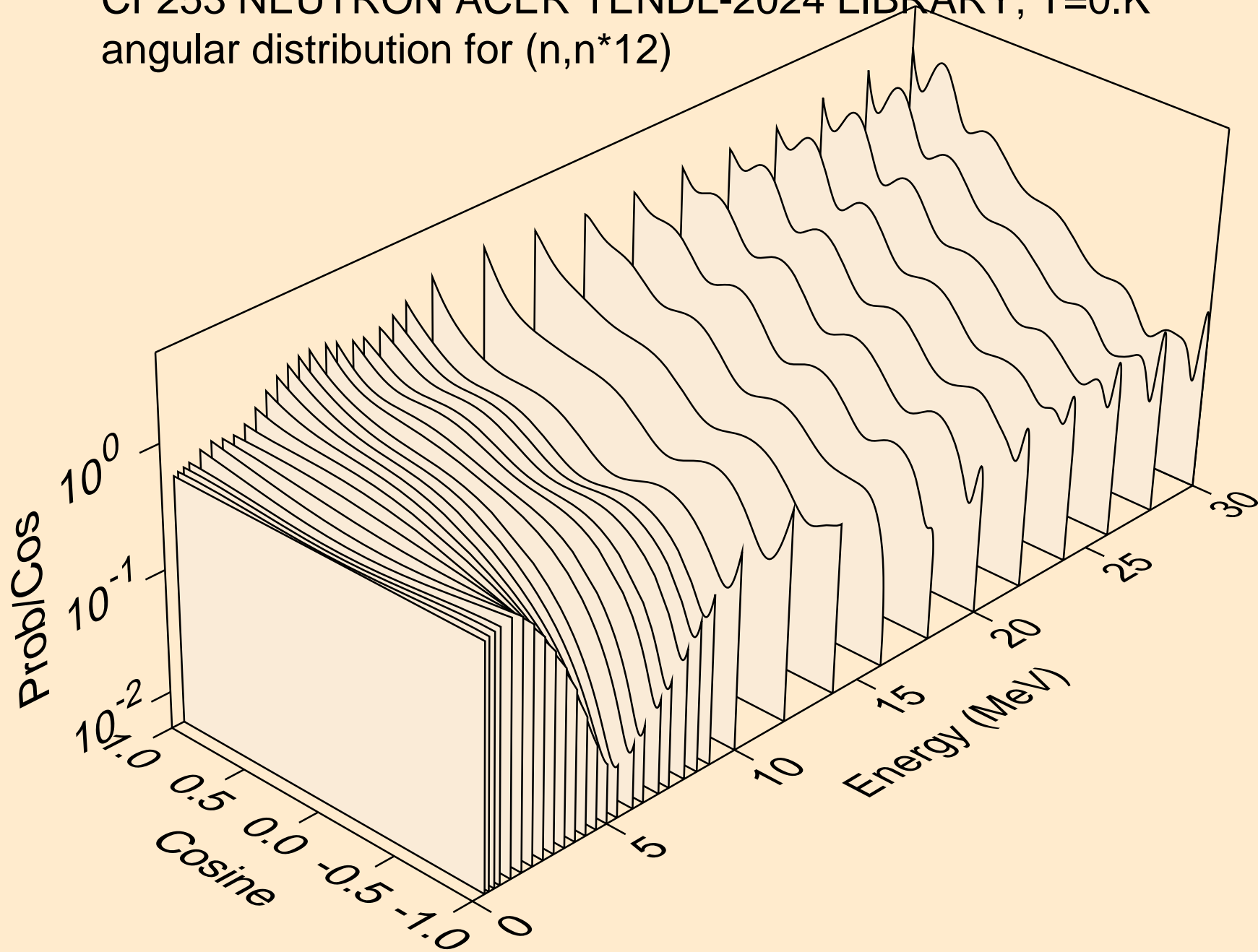
CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



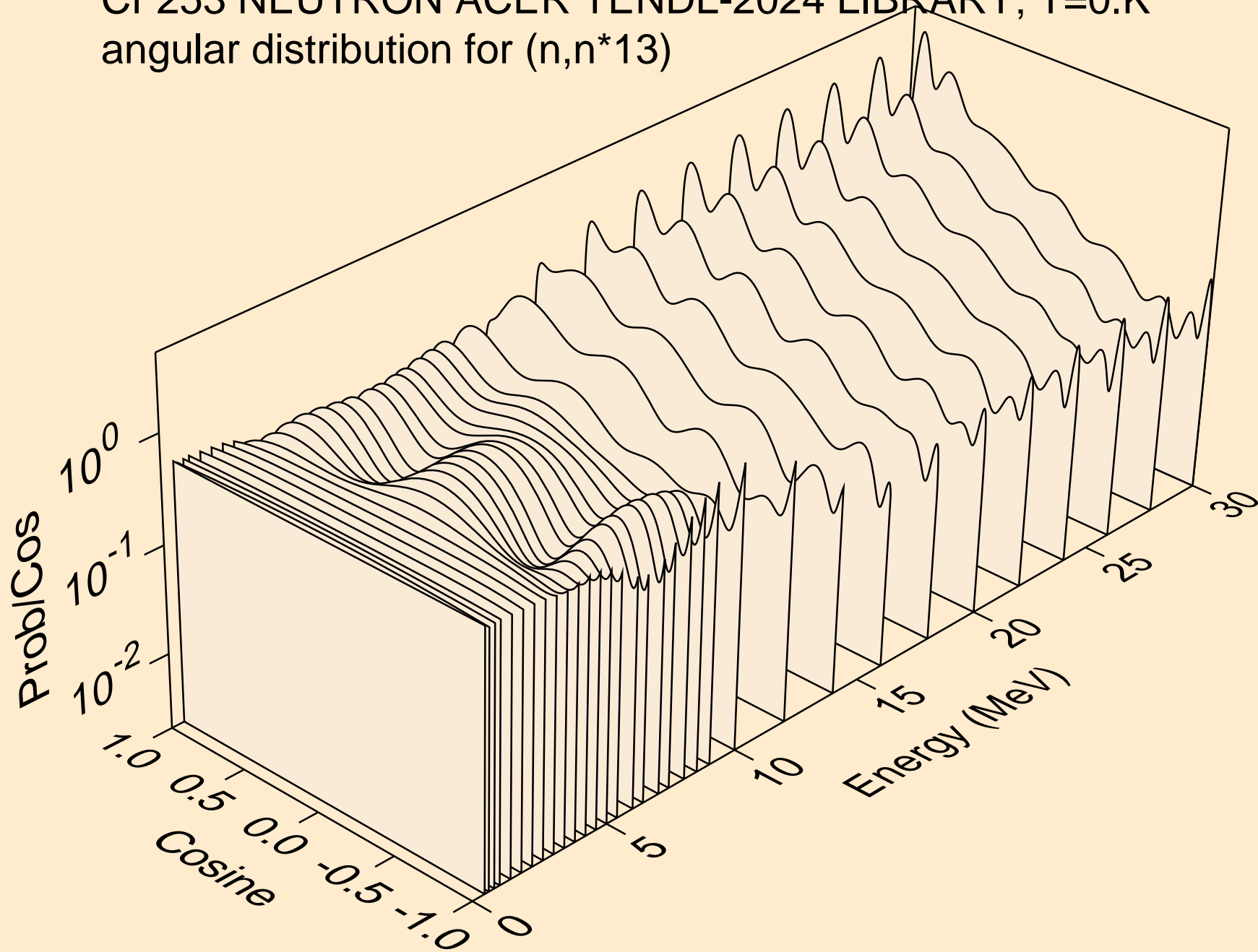
CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



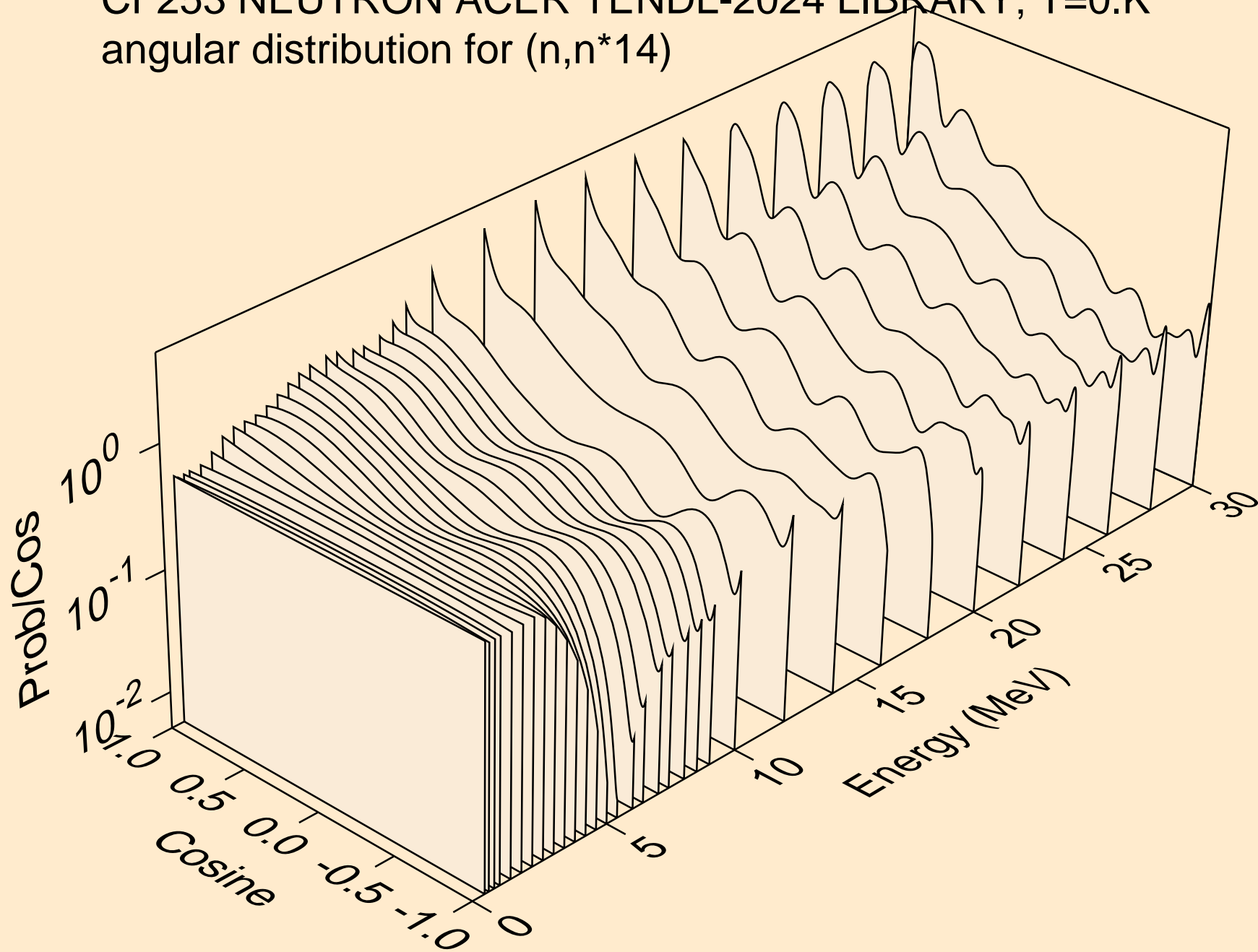
CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



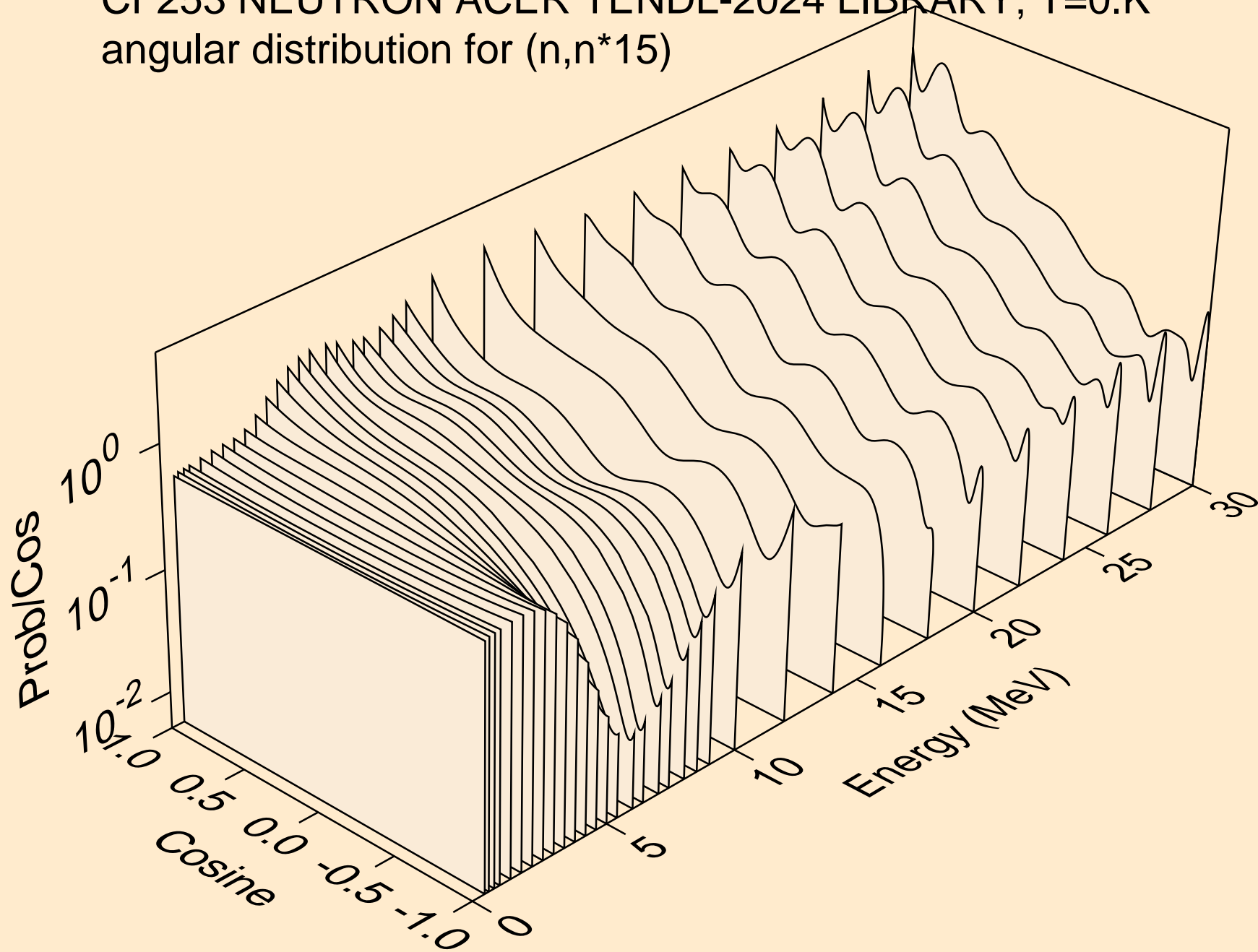
CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



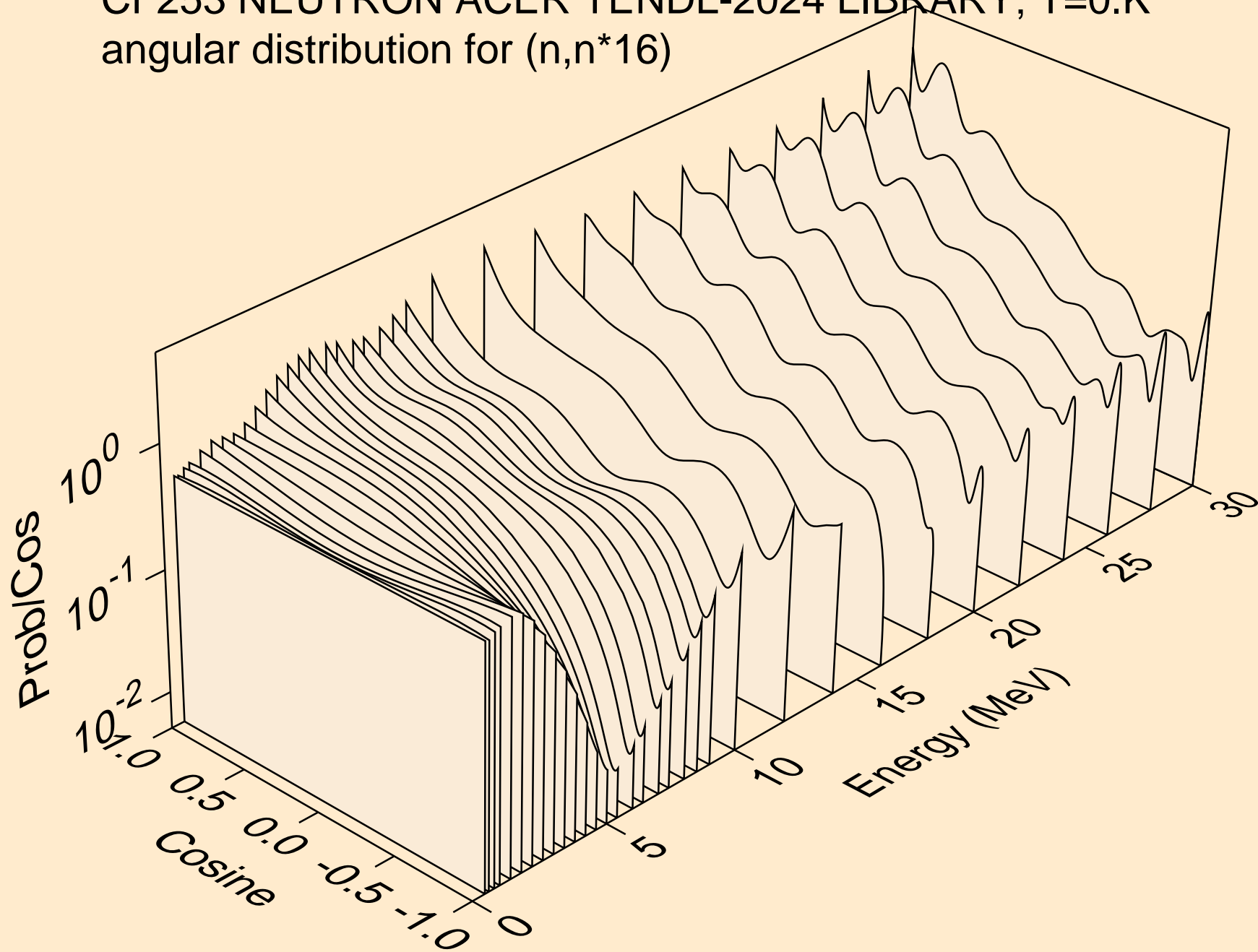
CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



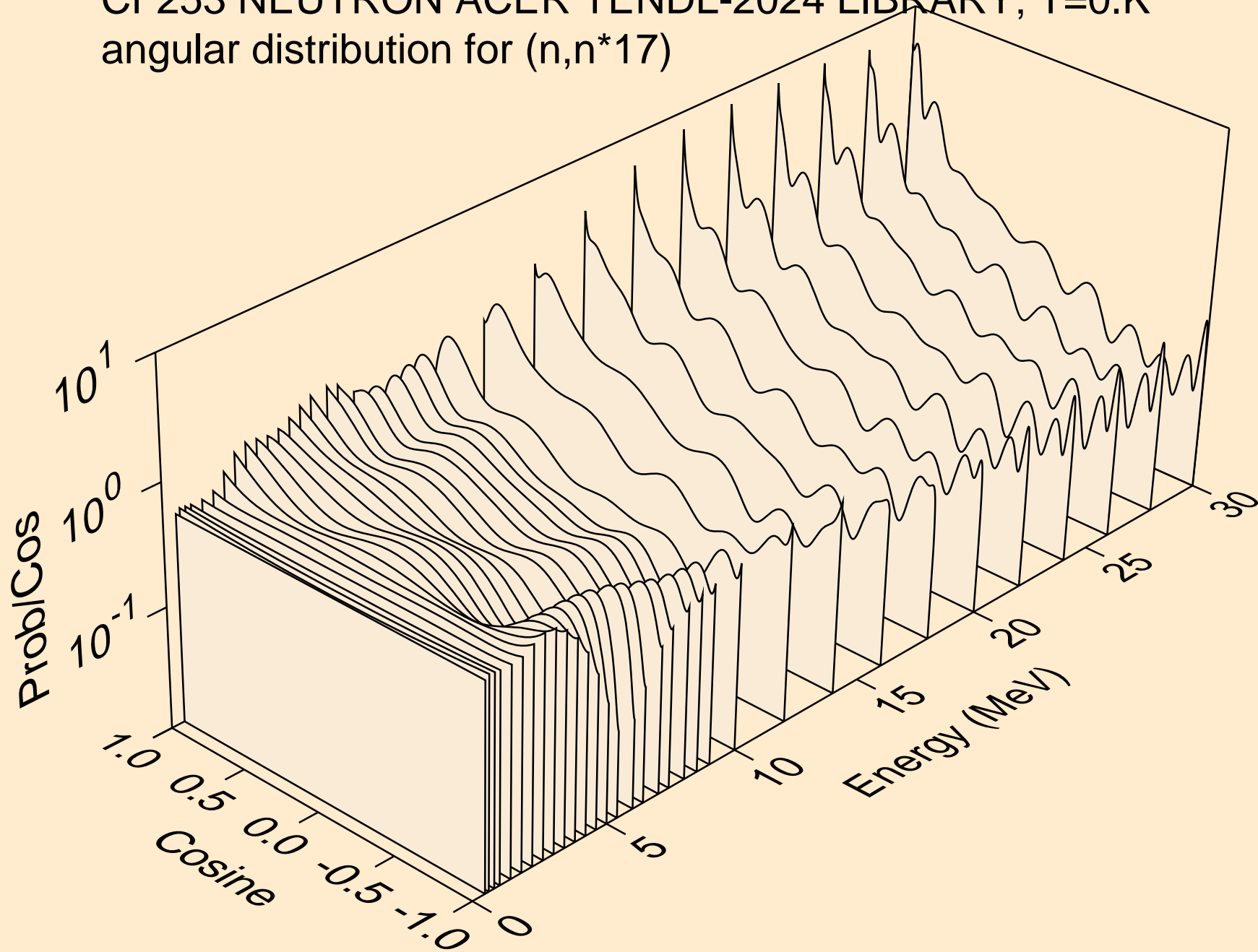
CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)

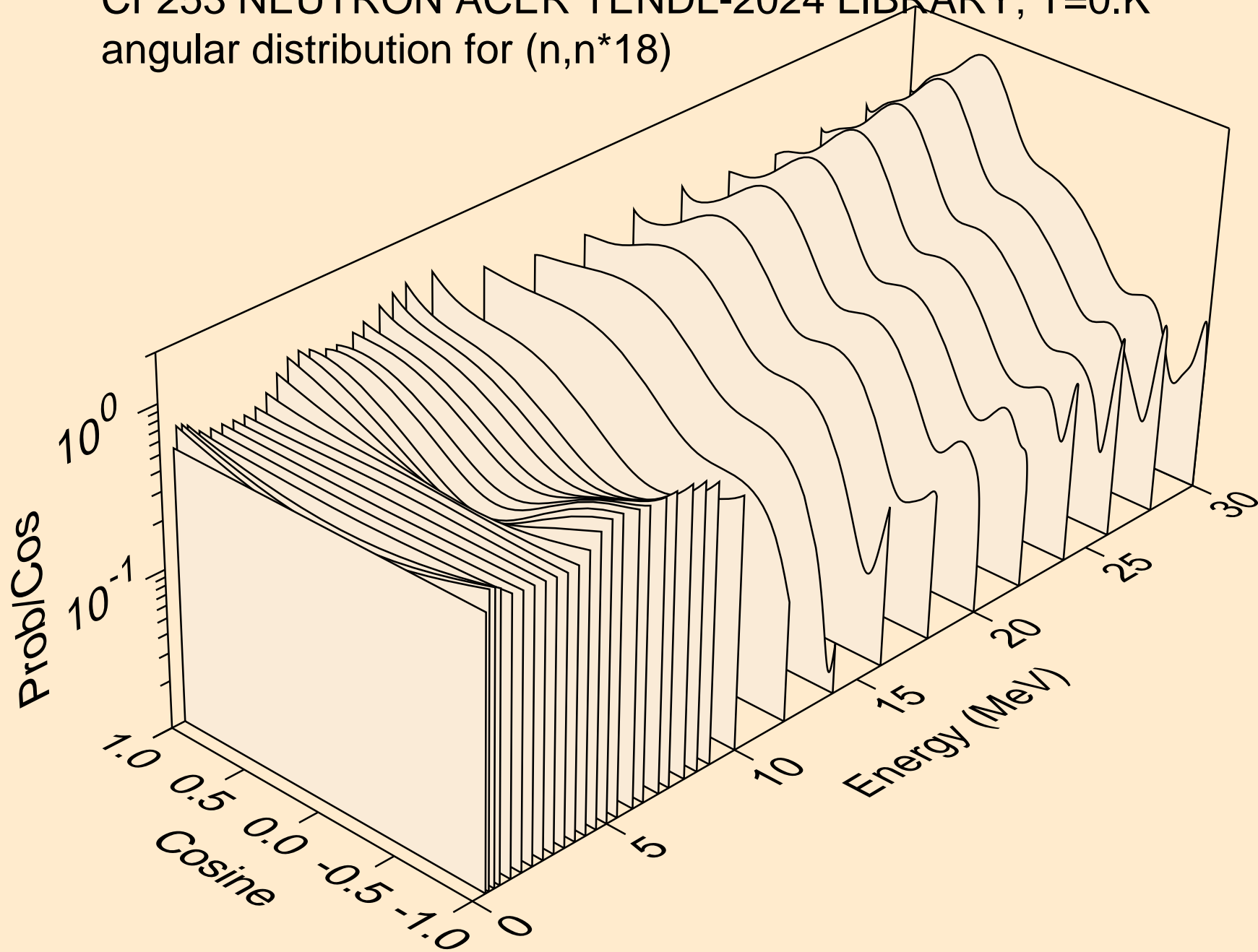


CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)

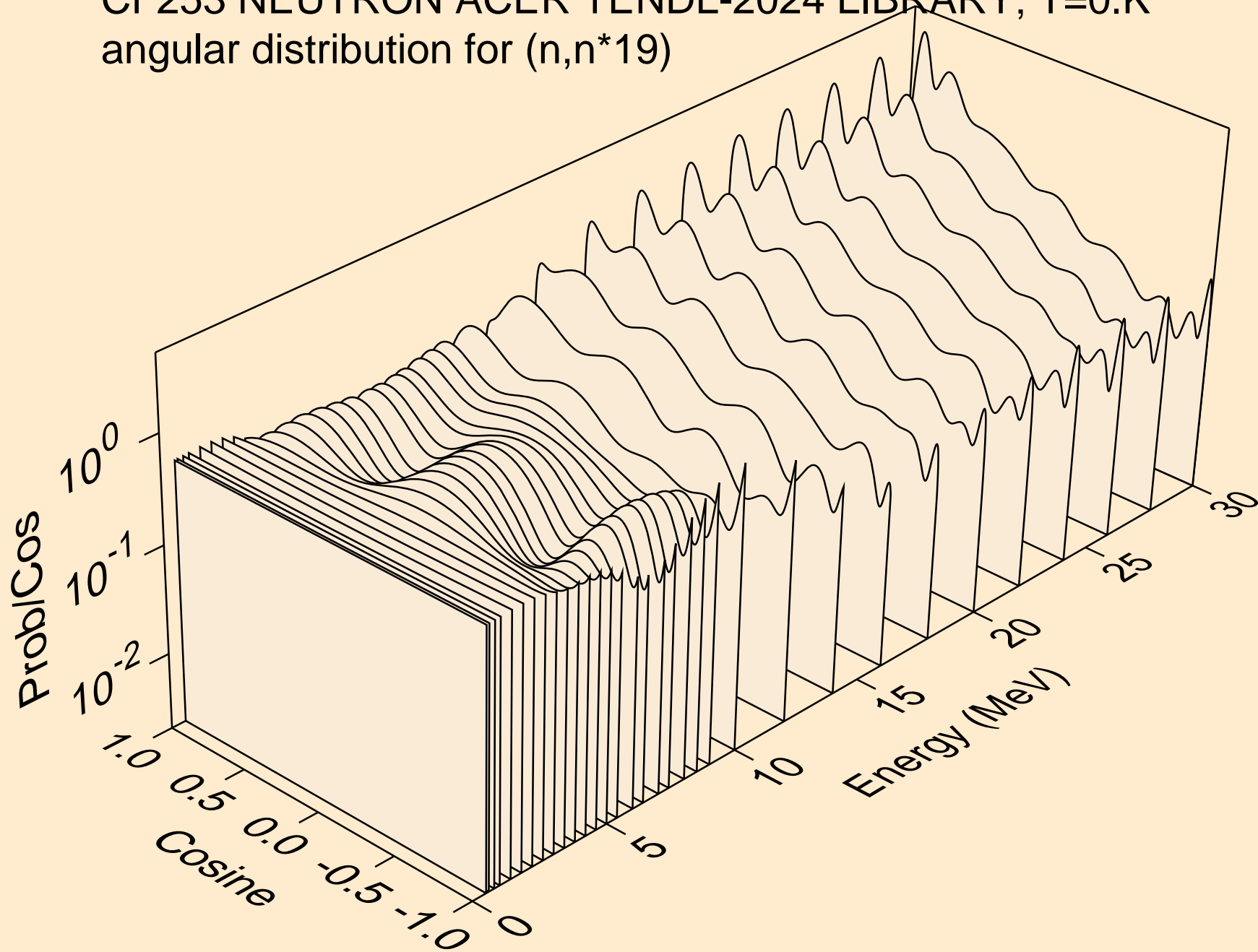




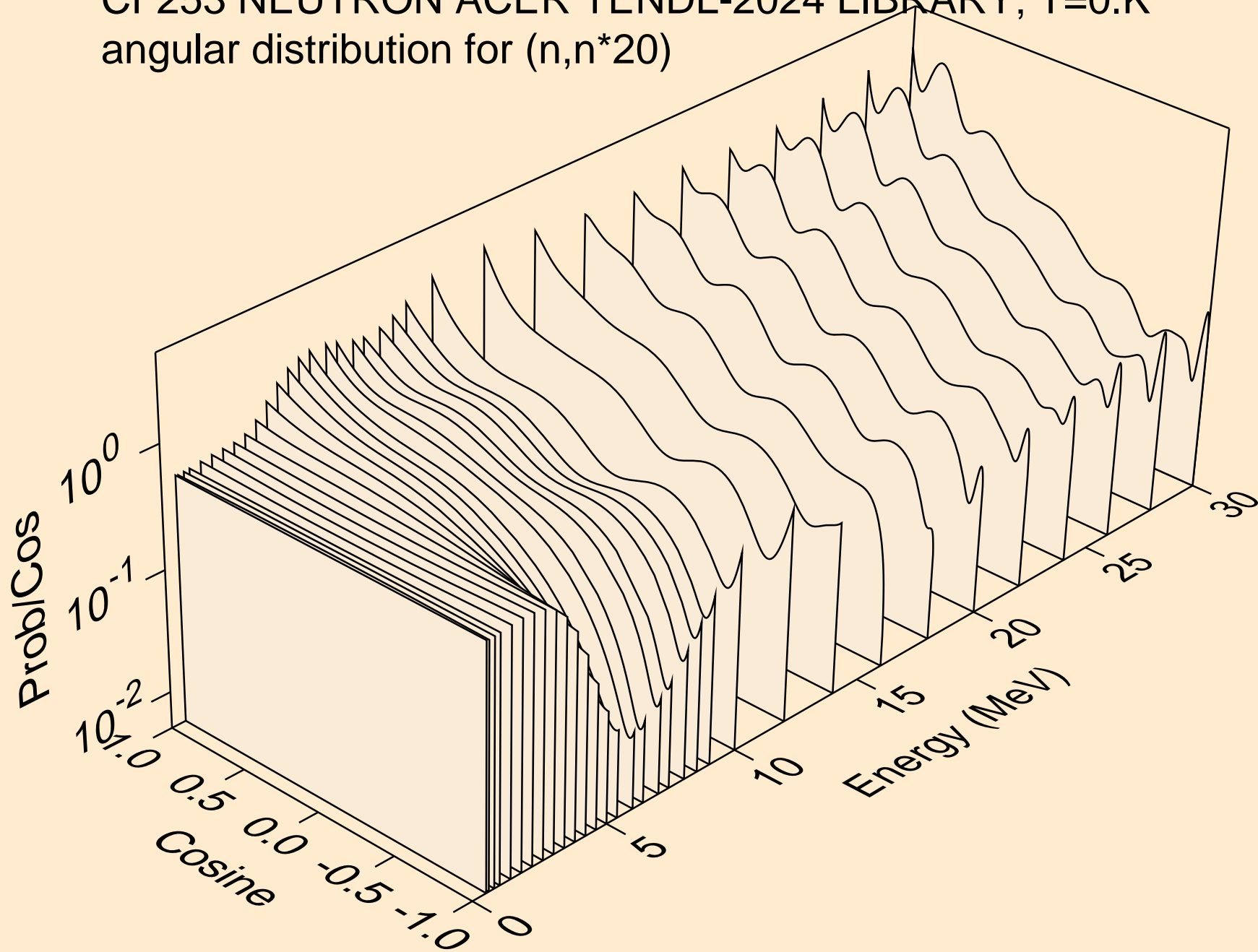
CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)



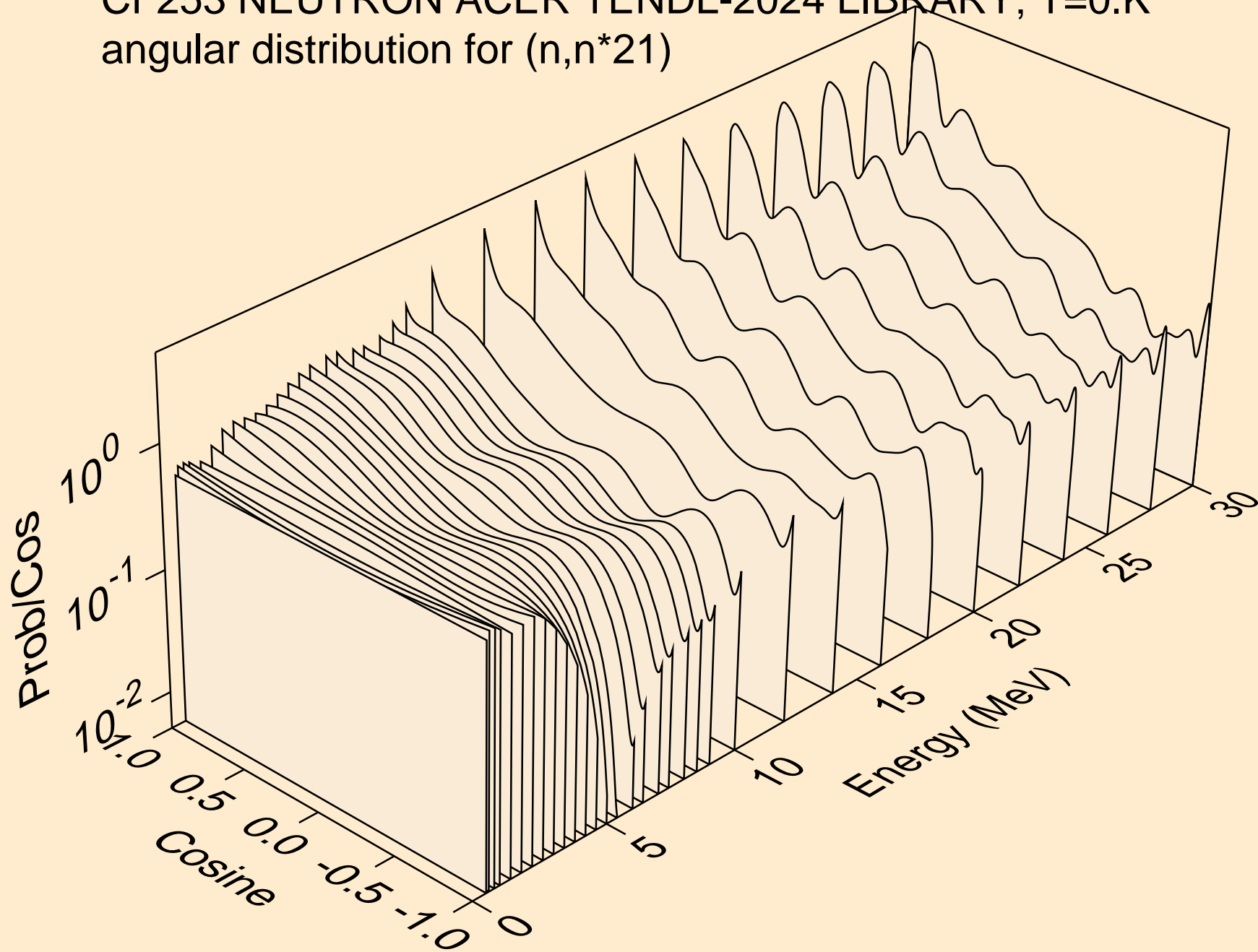
CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*19)



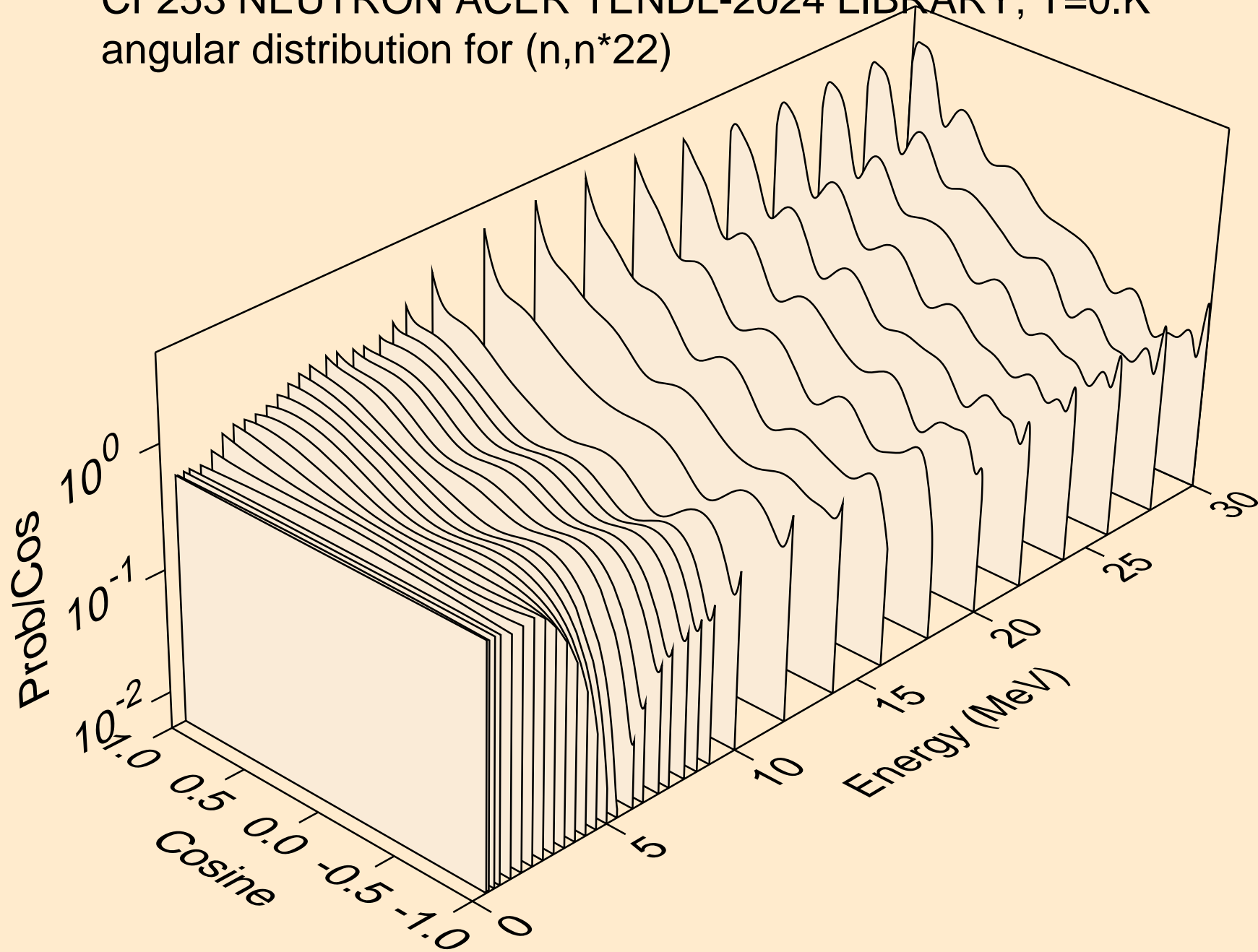
CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



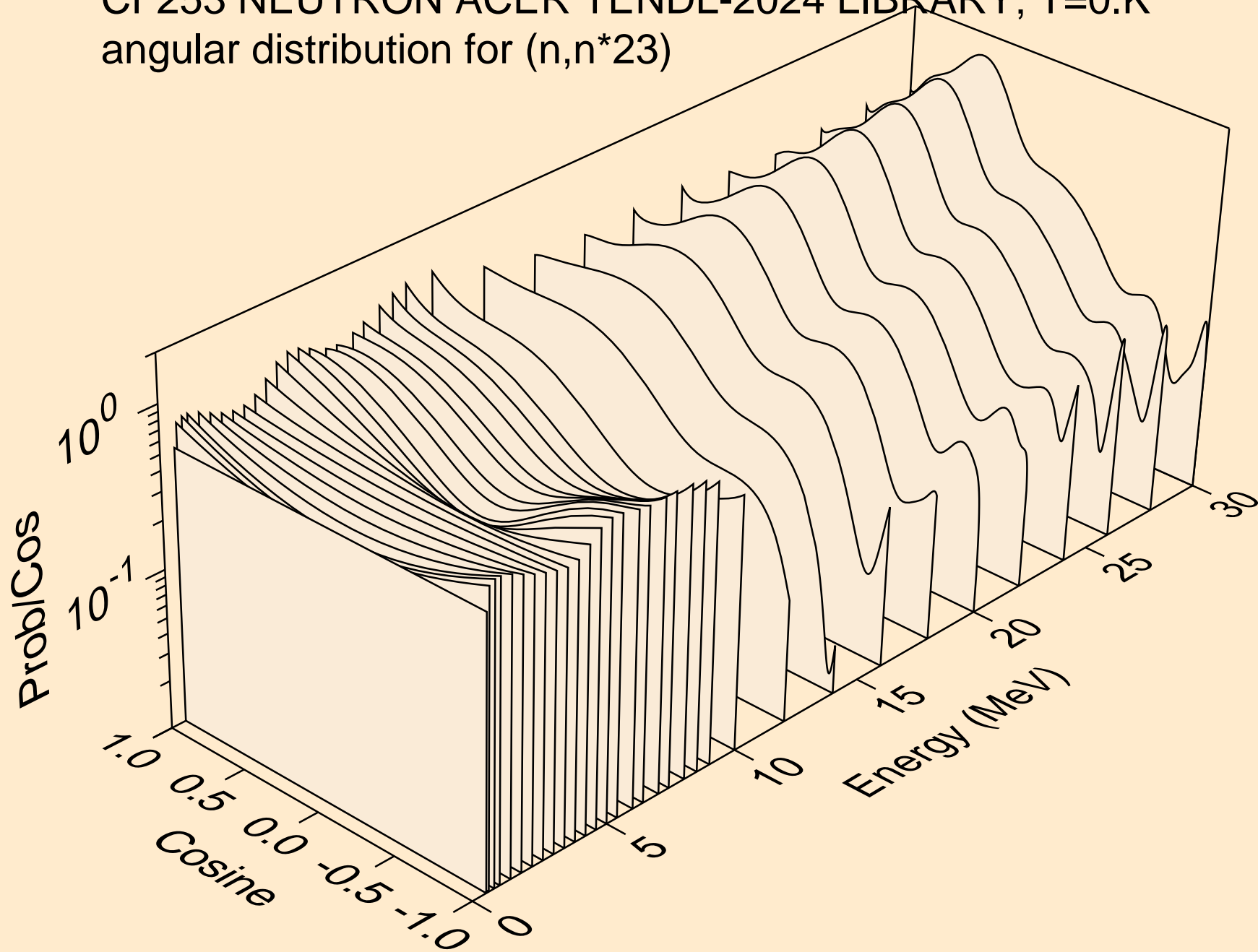
CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*21)



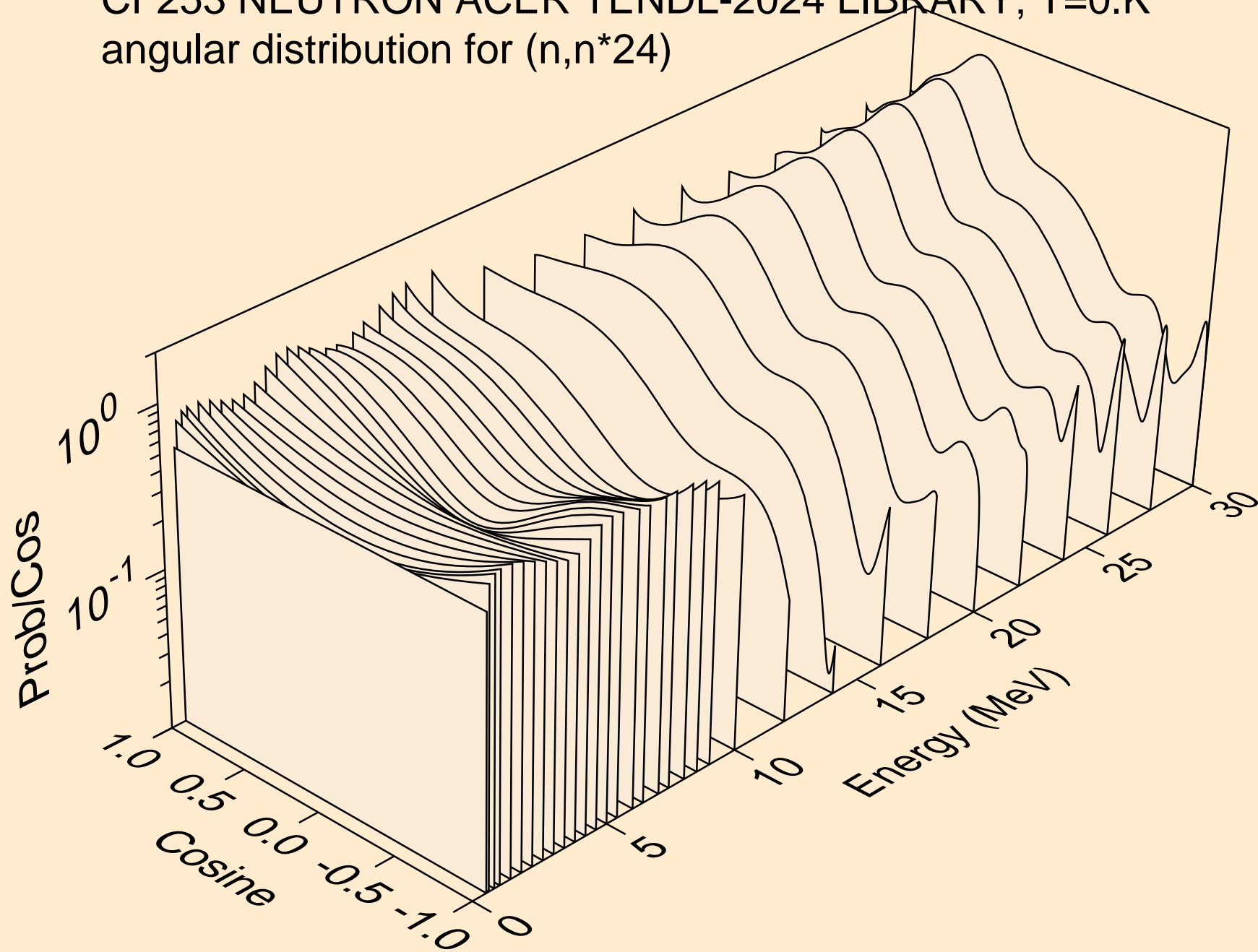
CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*22)



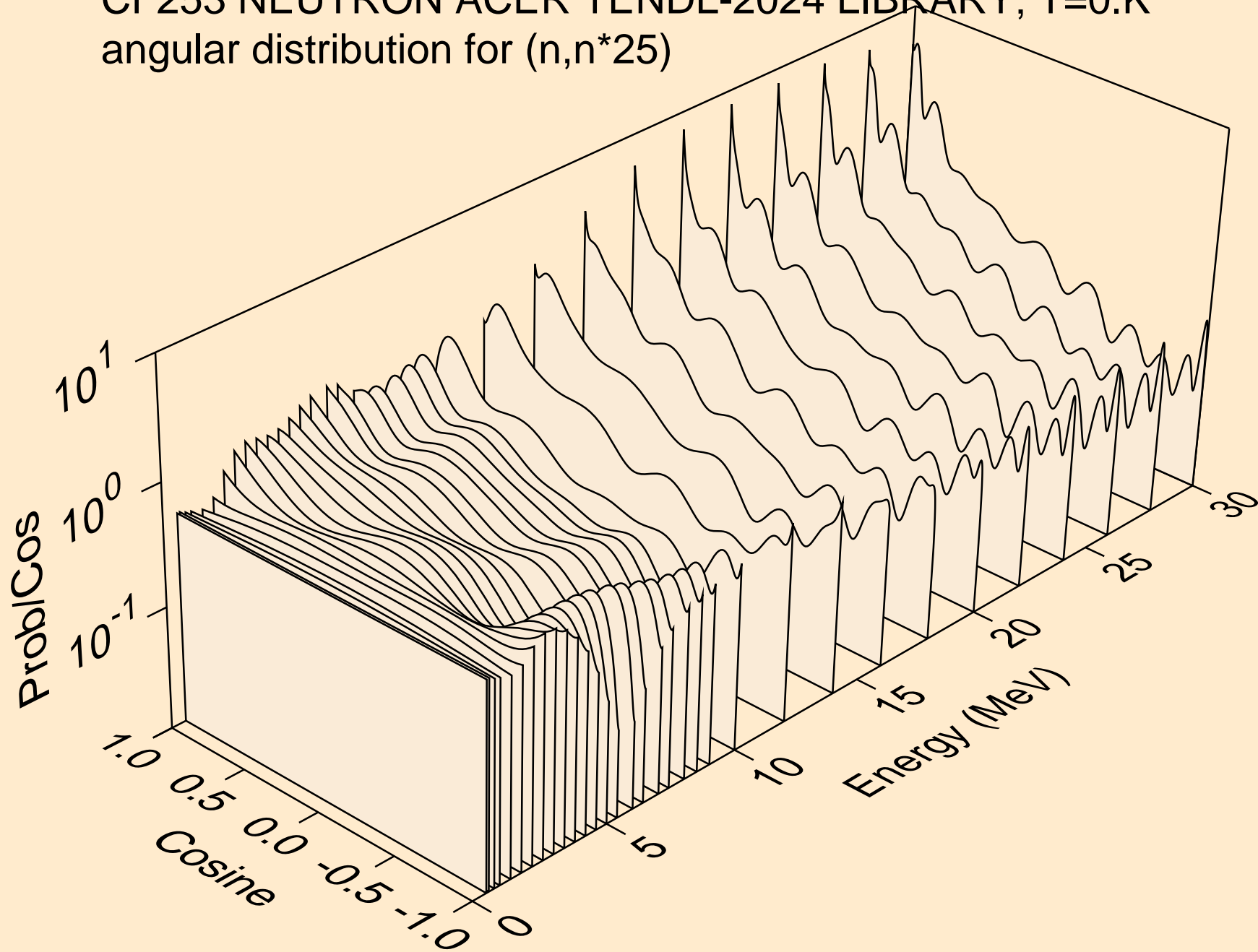
CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*23)



CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*24)

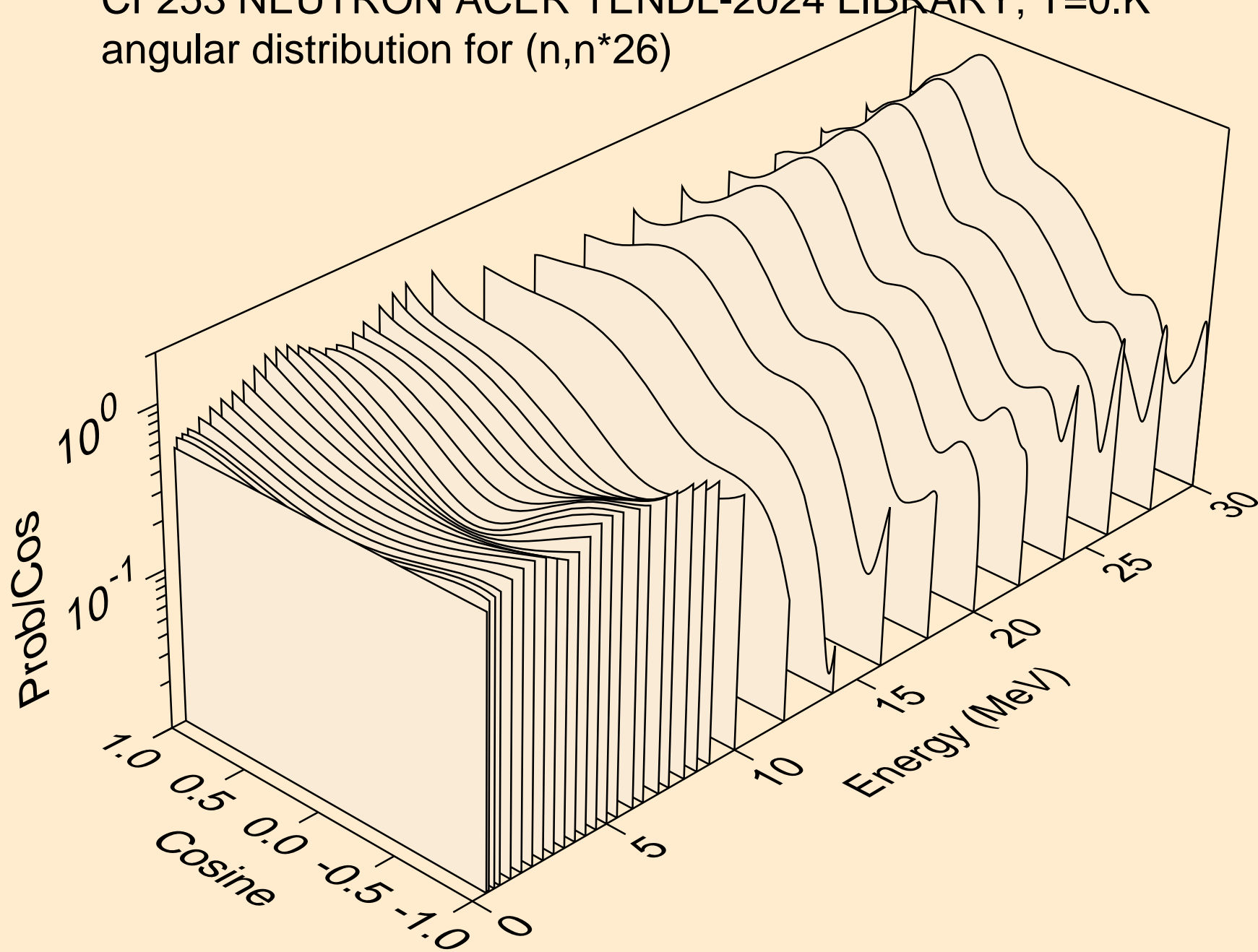


CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)

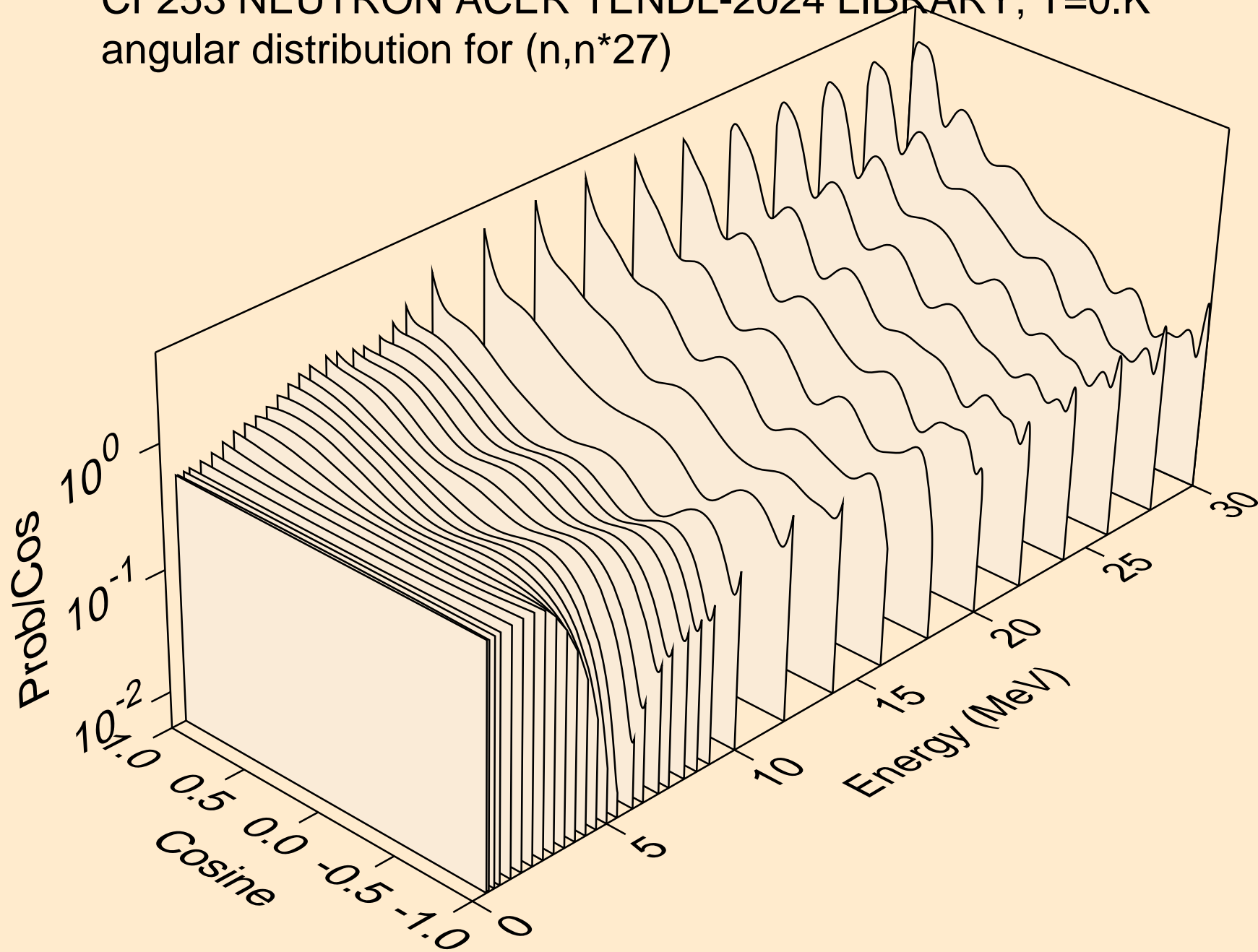




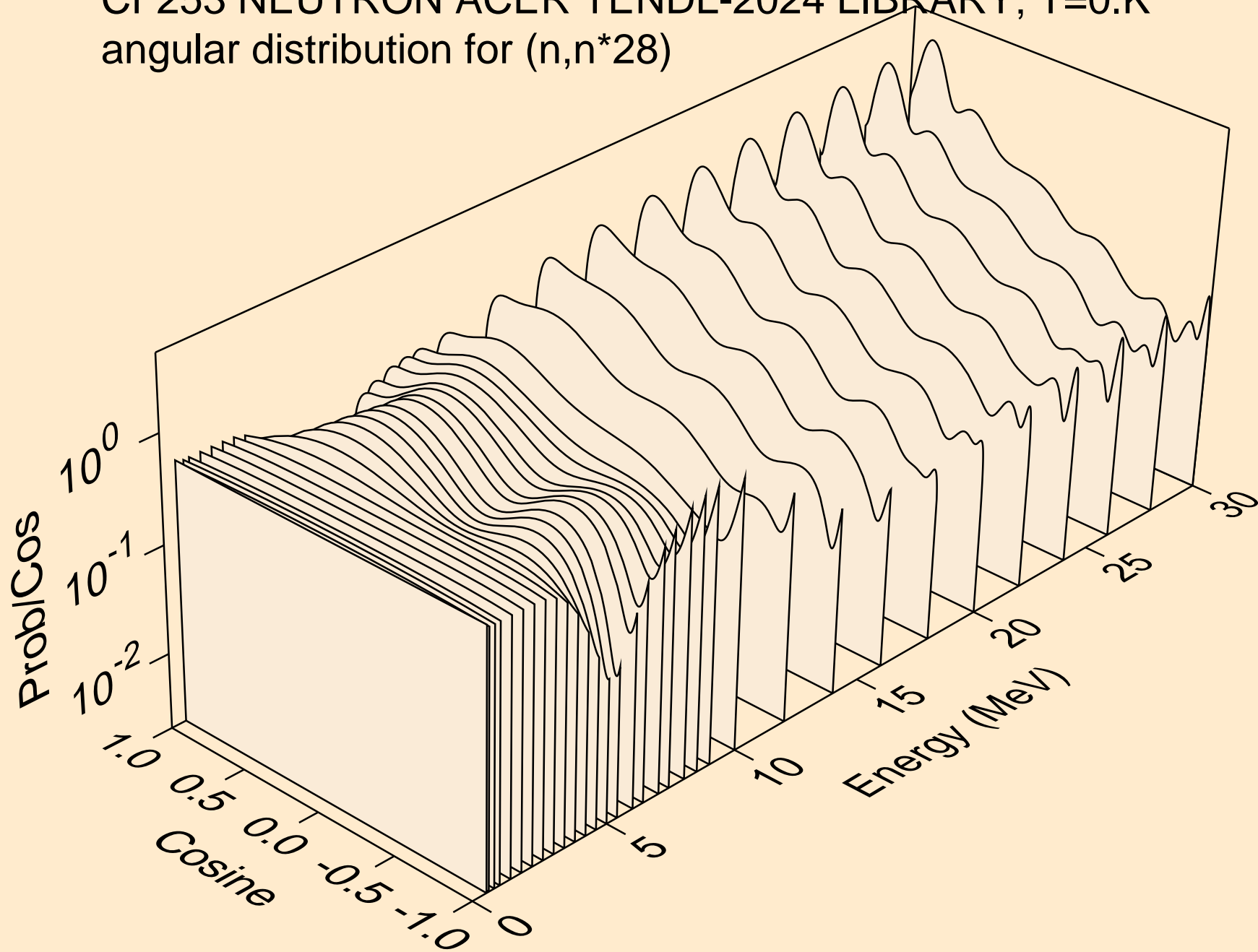
CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)



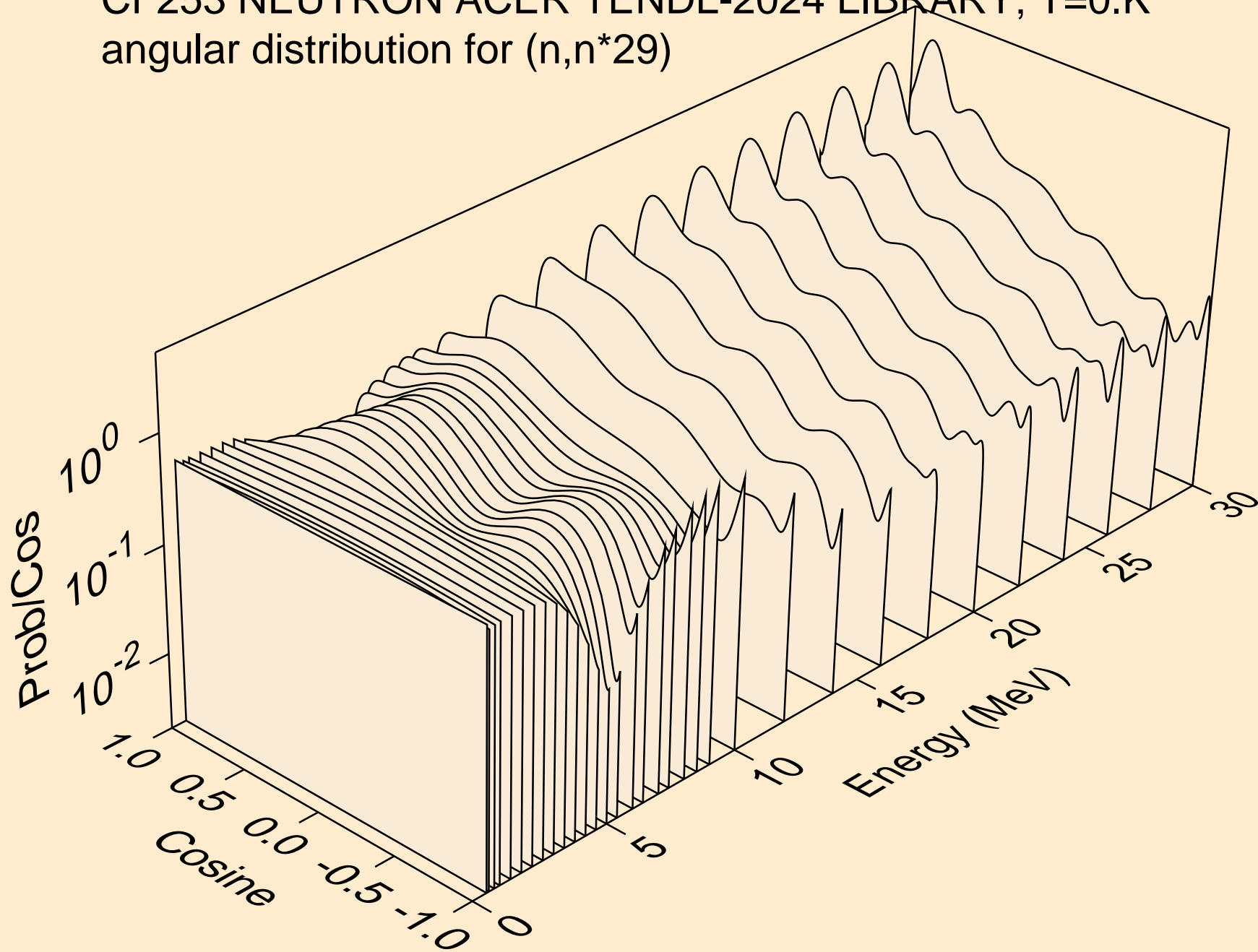
CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)



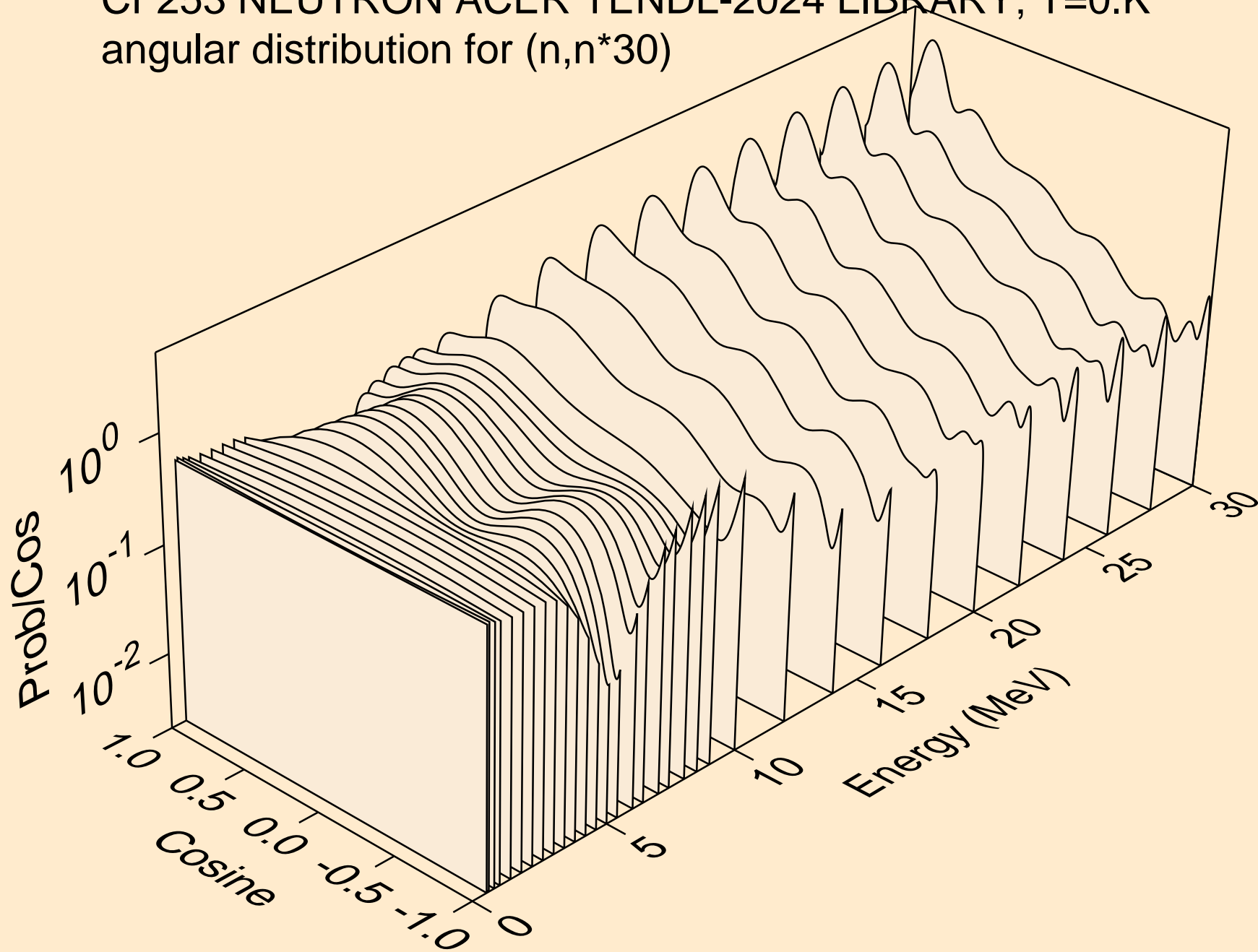
CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*28)



CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*29)

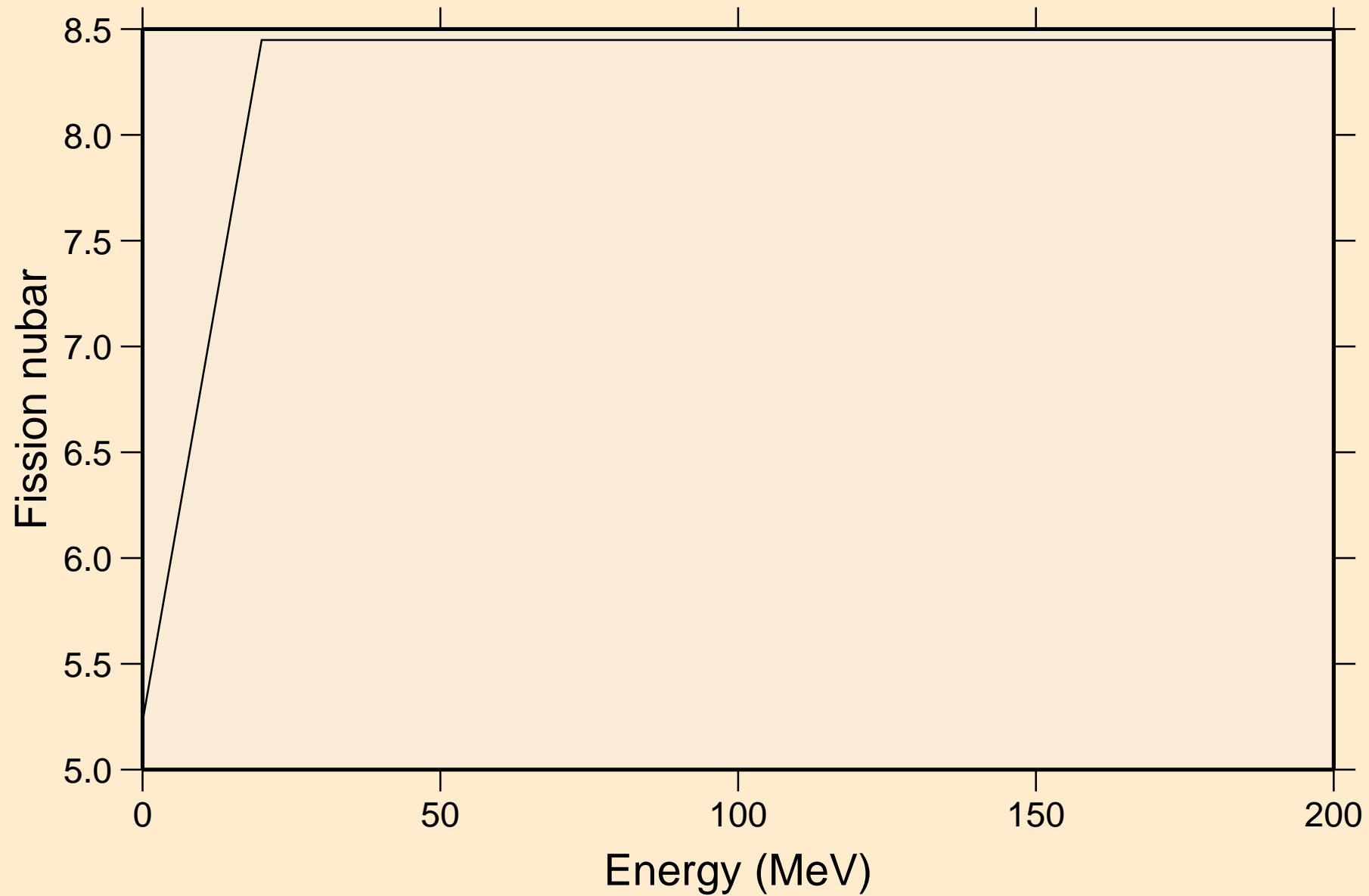


CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*30)

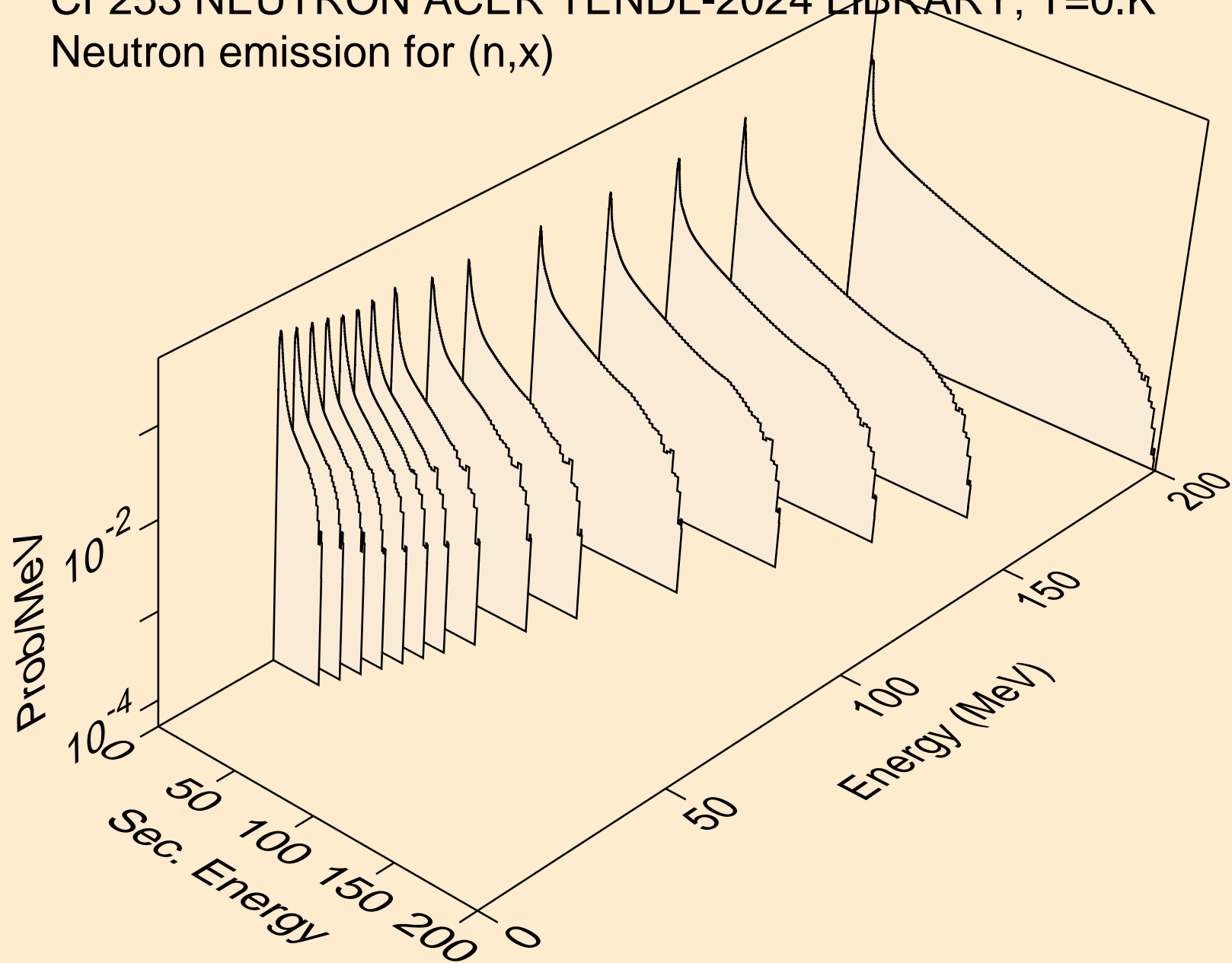


# CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

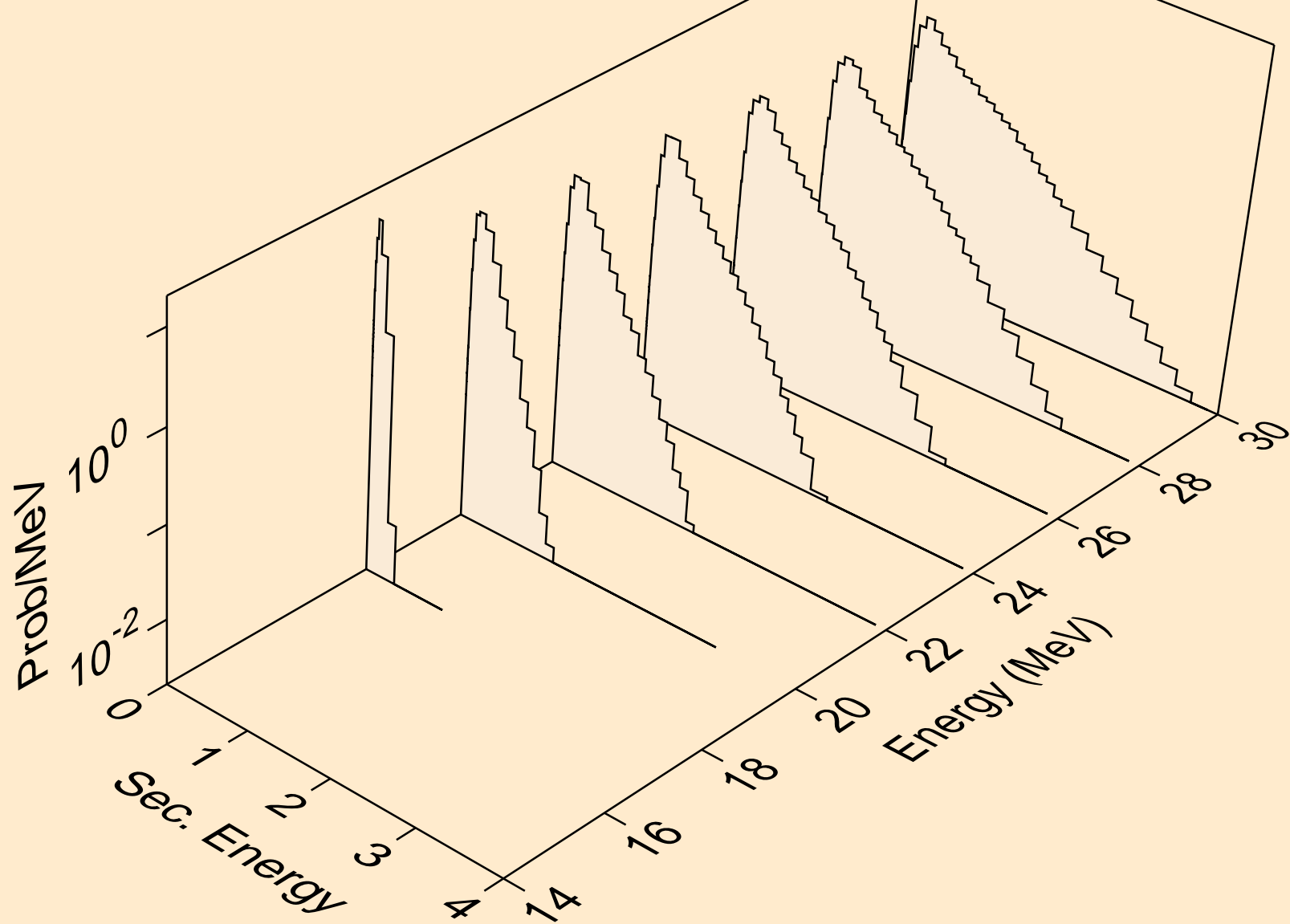
Total fission nubar



CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)

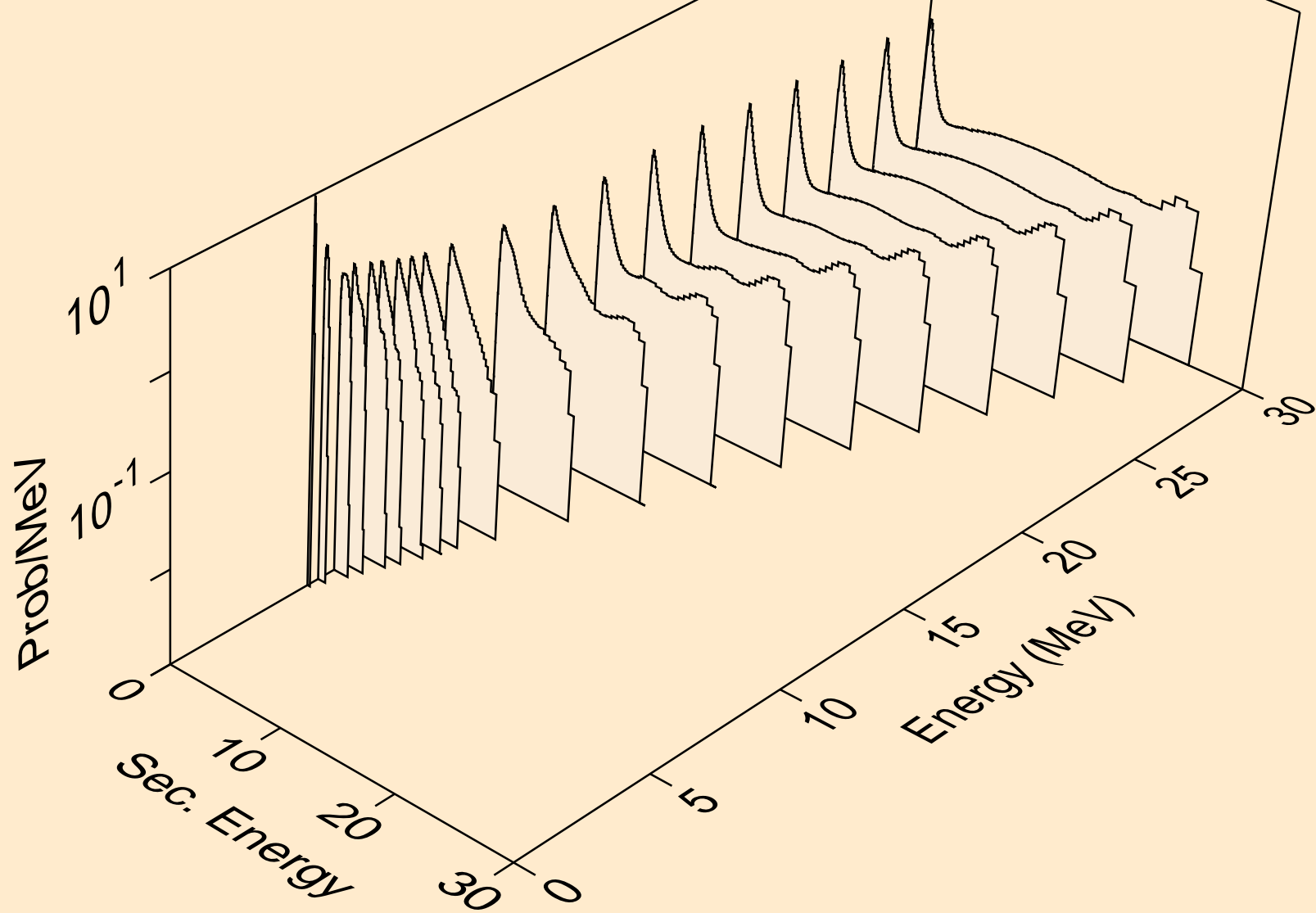


CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)

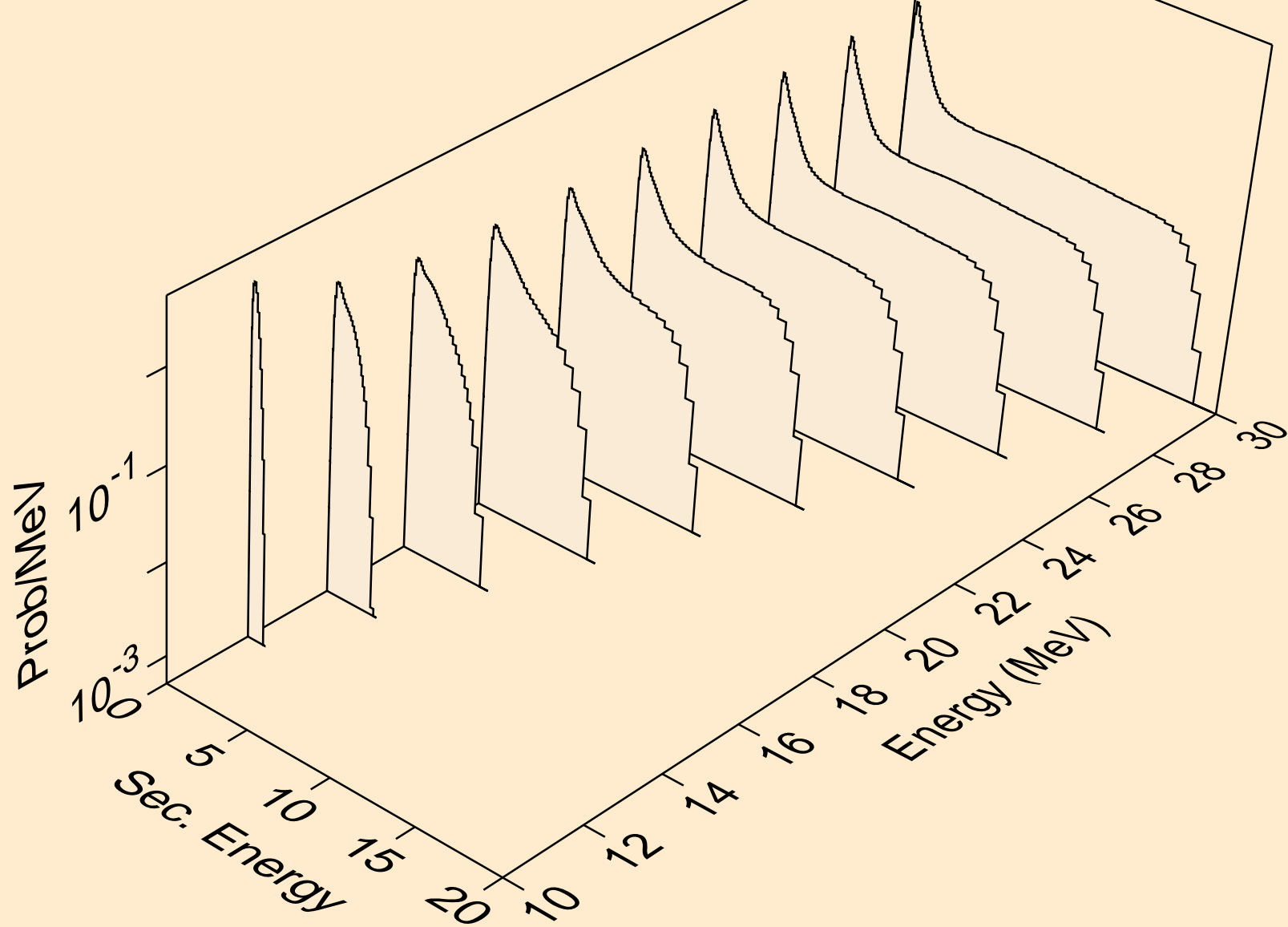




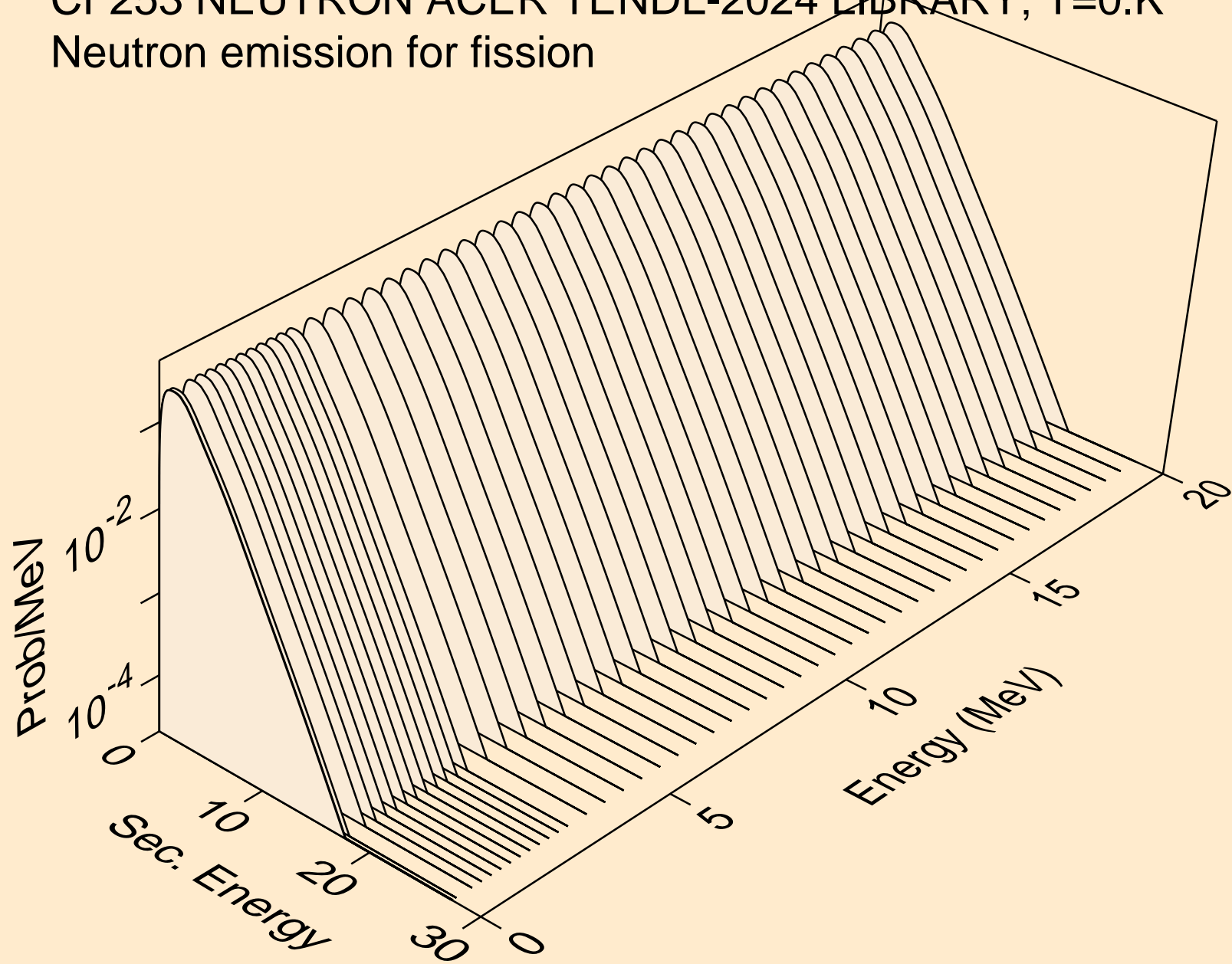
CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



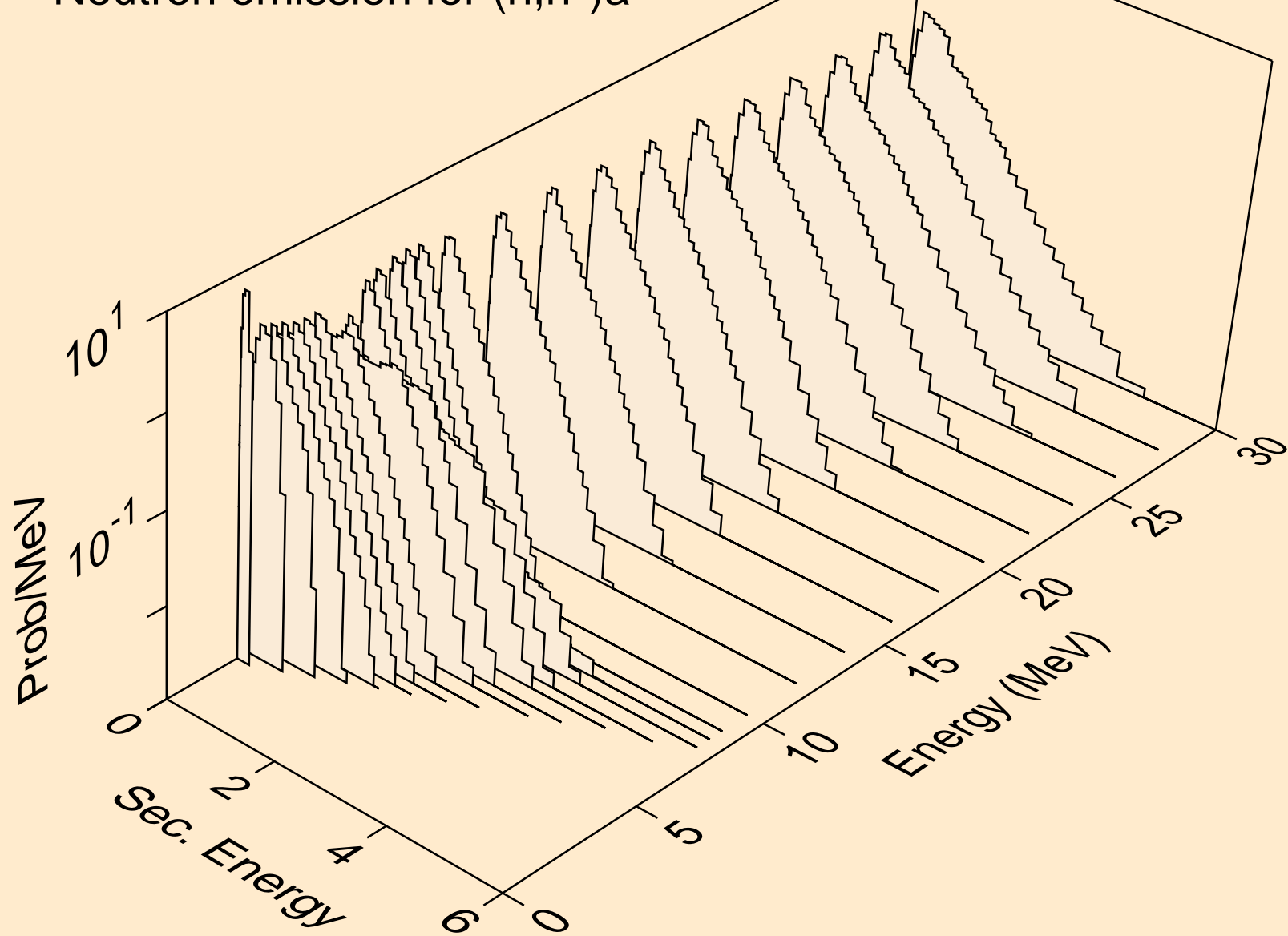
CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



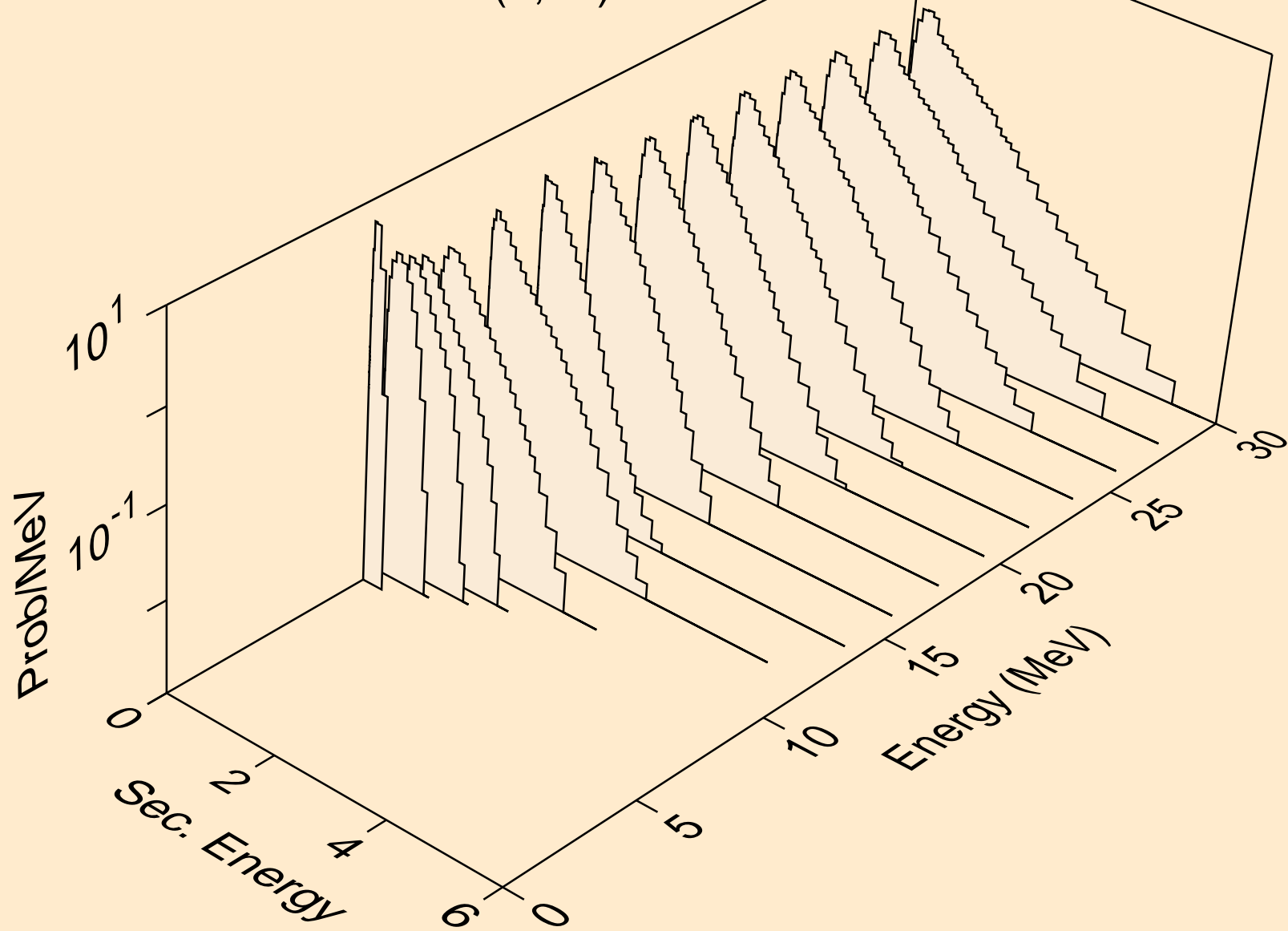
CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for fission



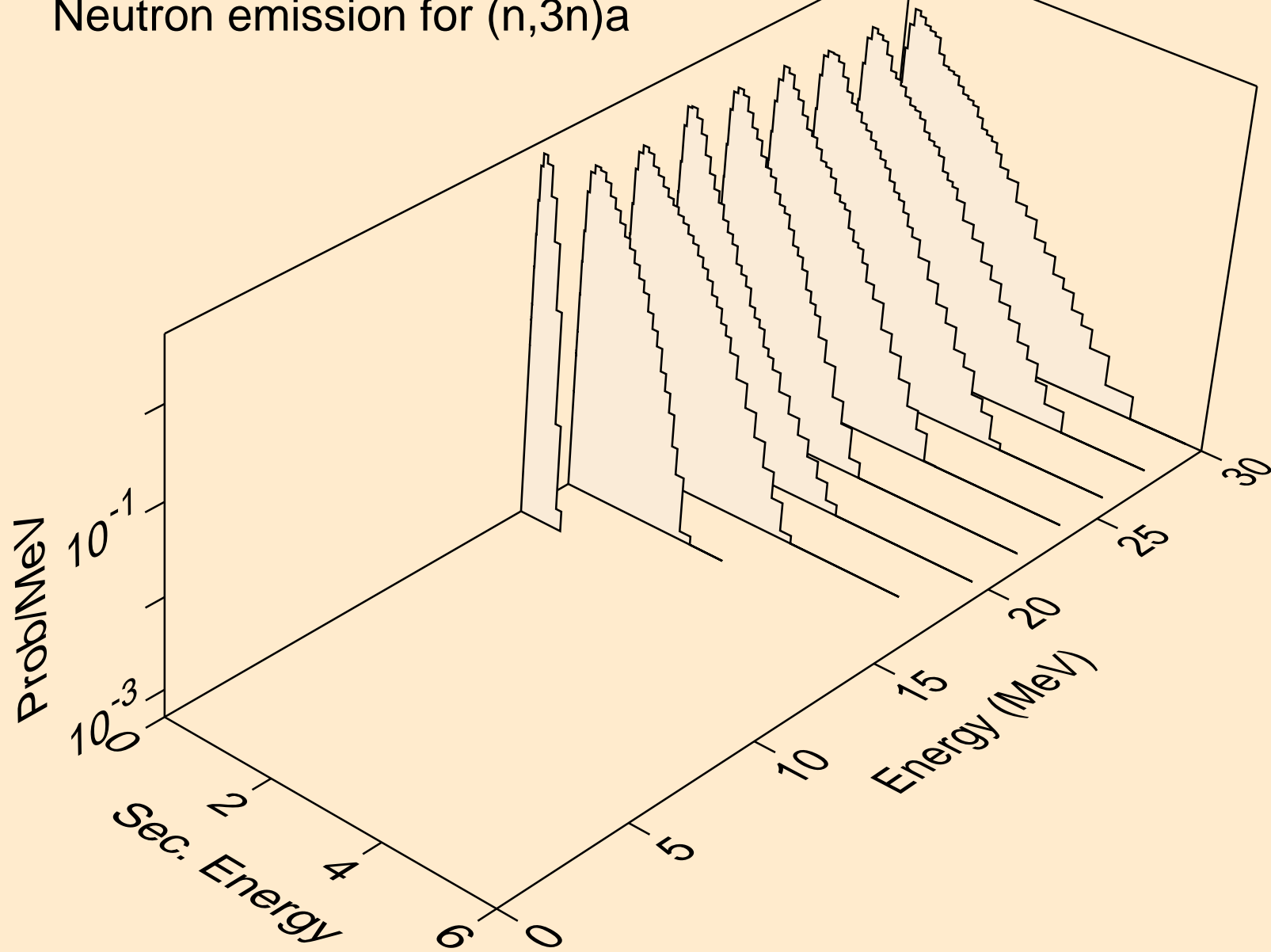
CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



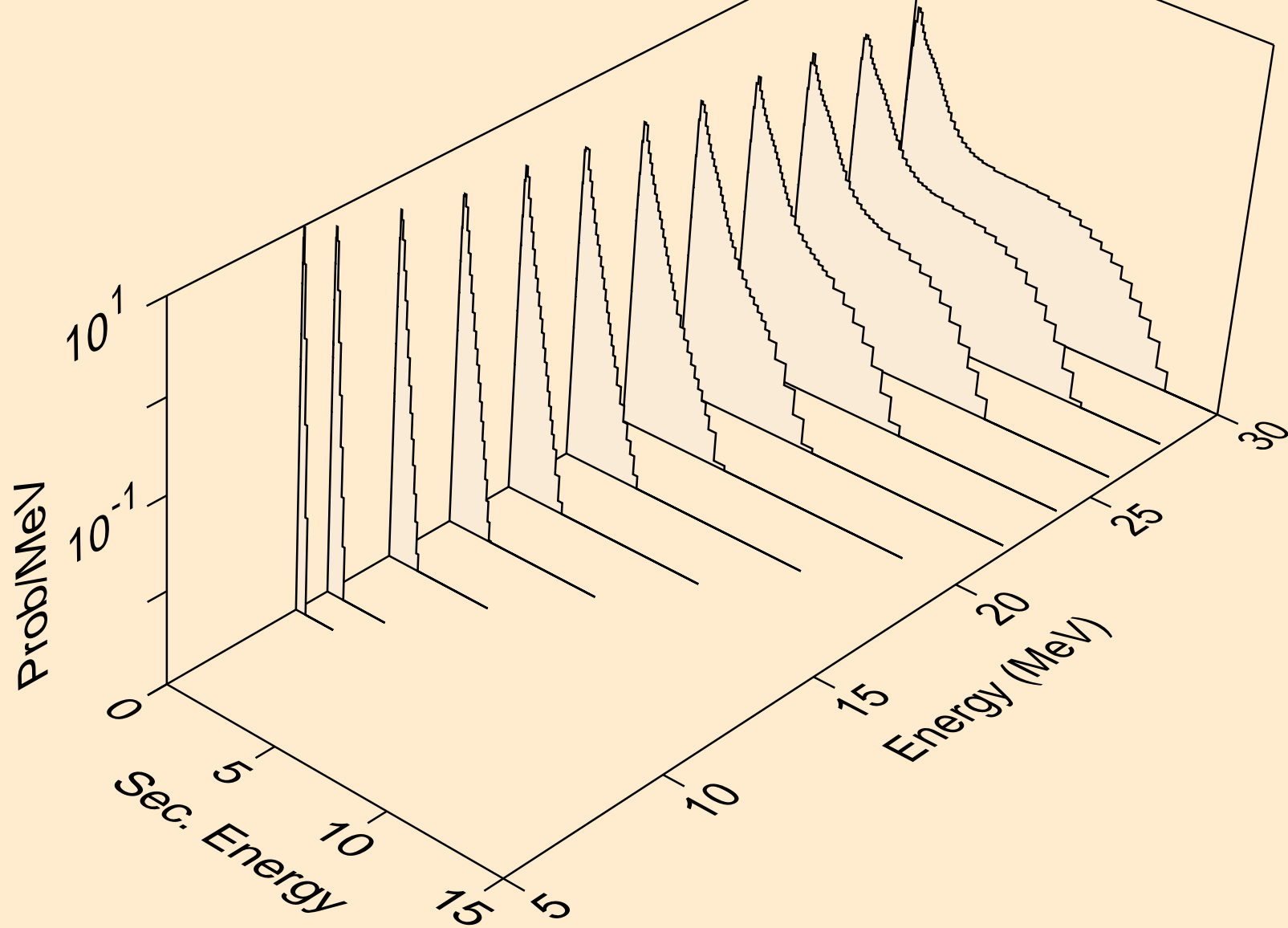
CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



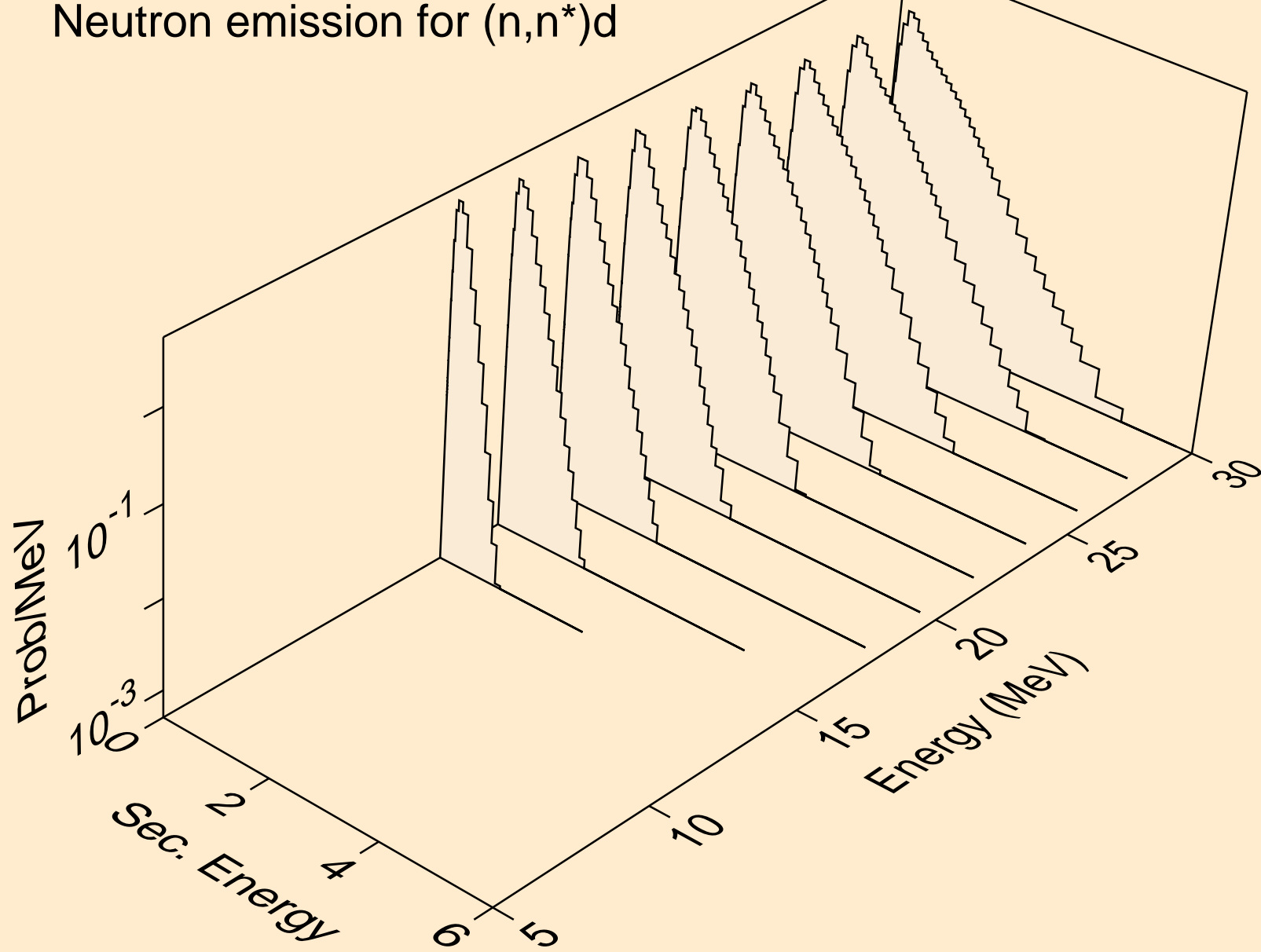
CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p

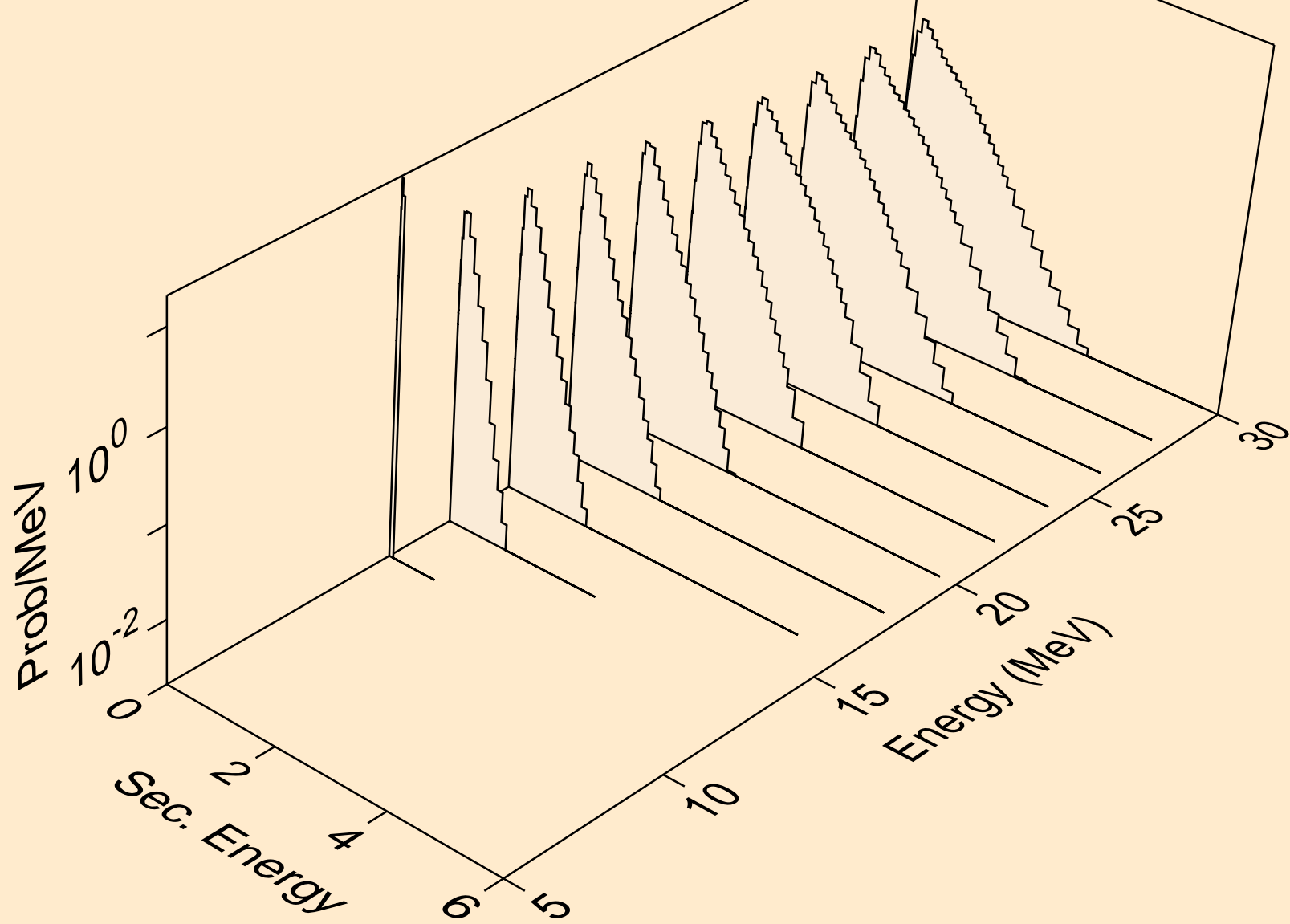


CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d

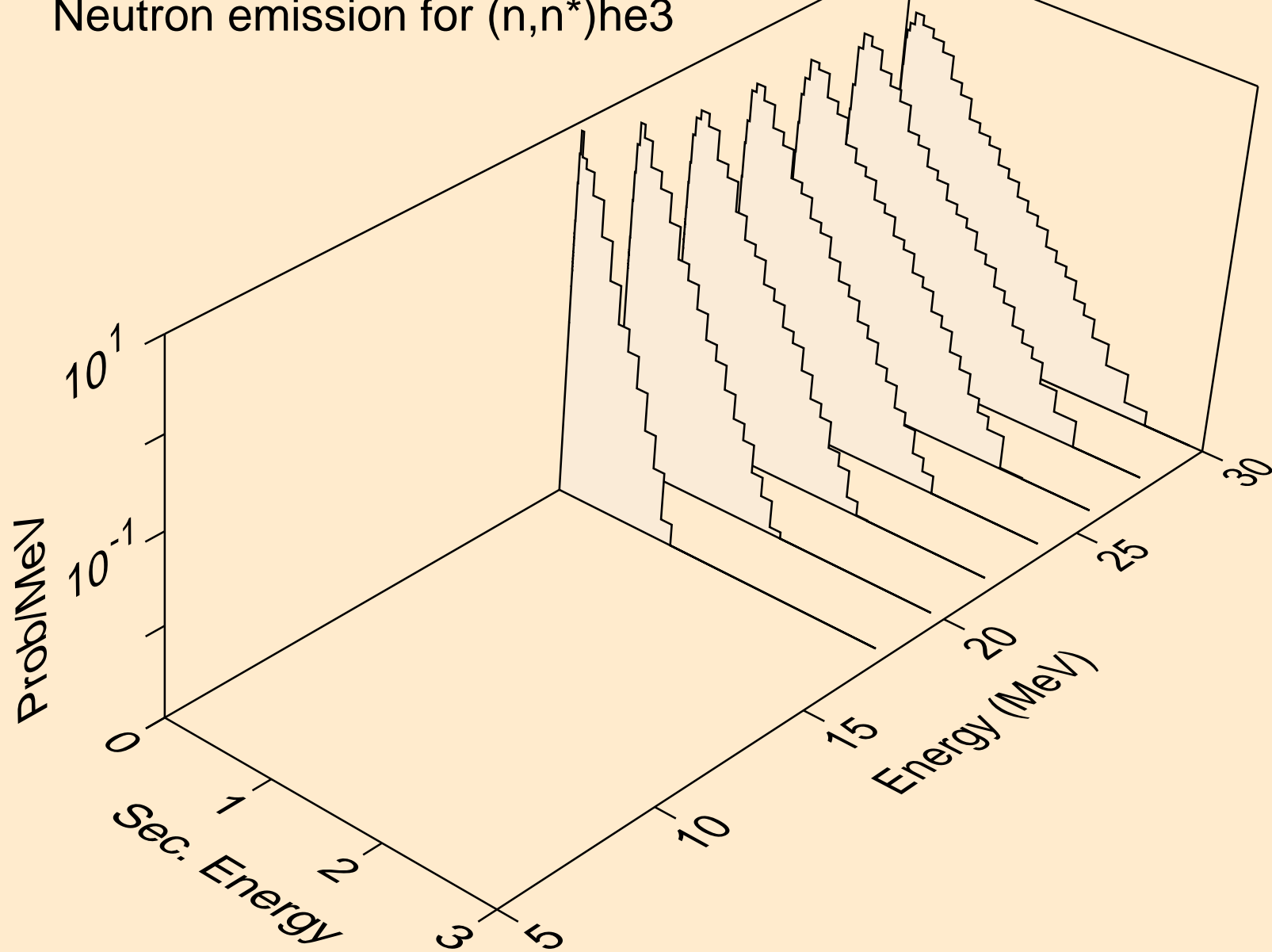




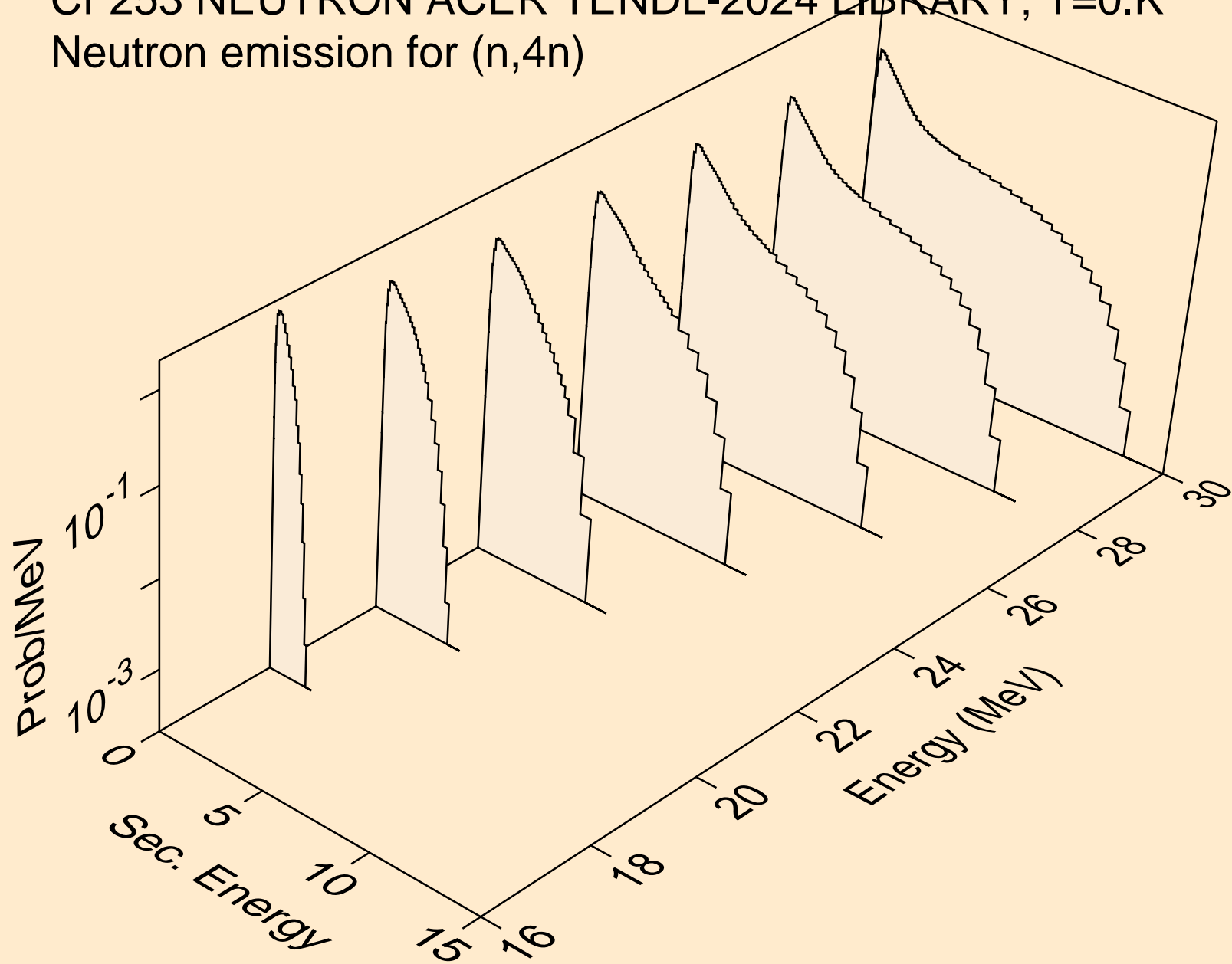
CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



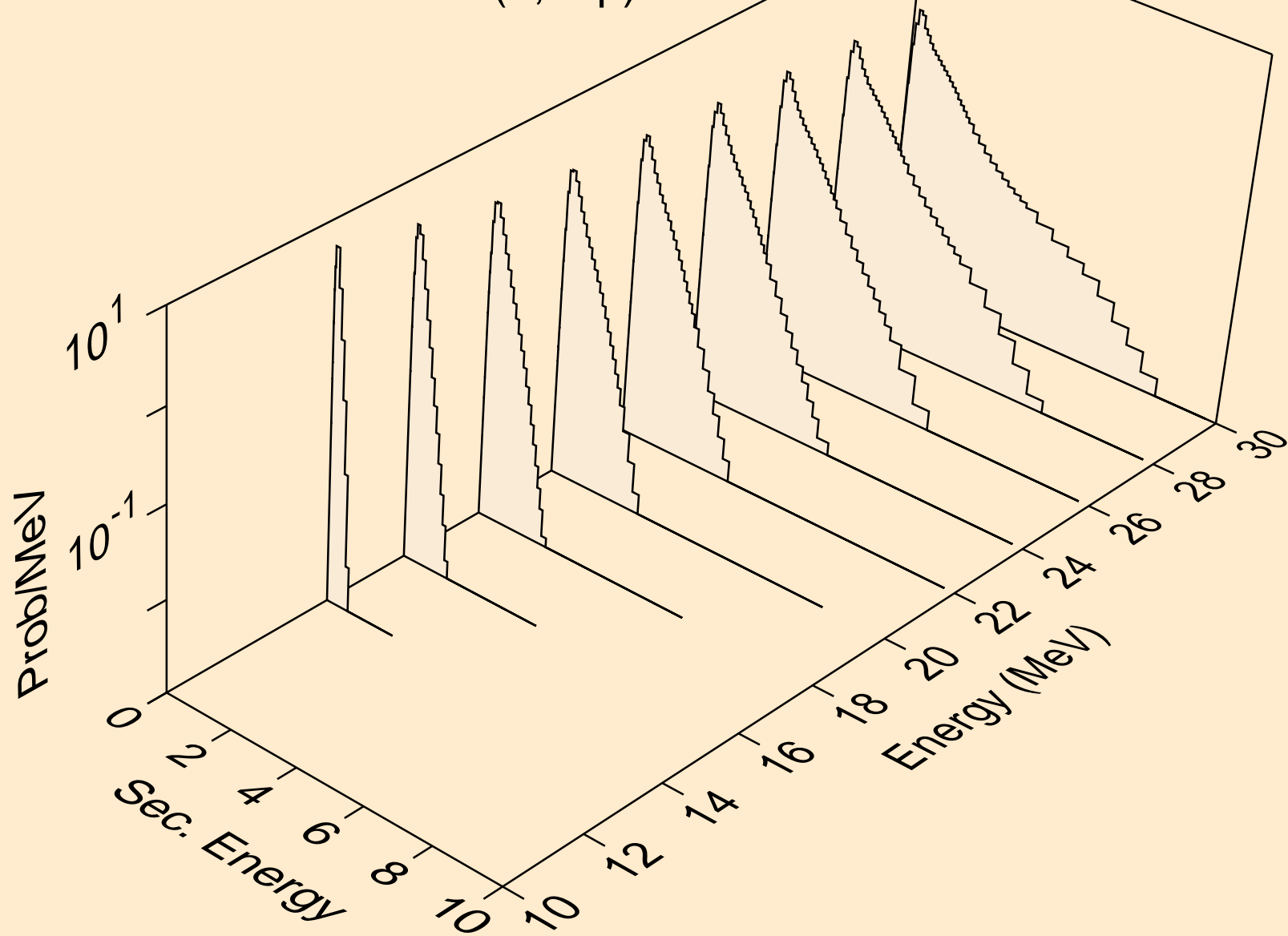
CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



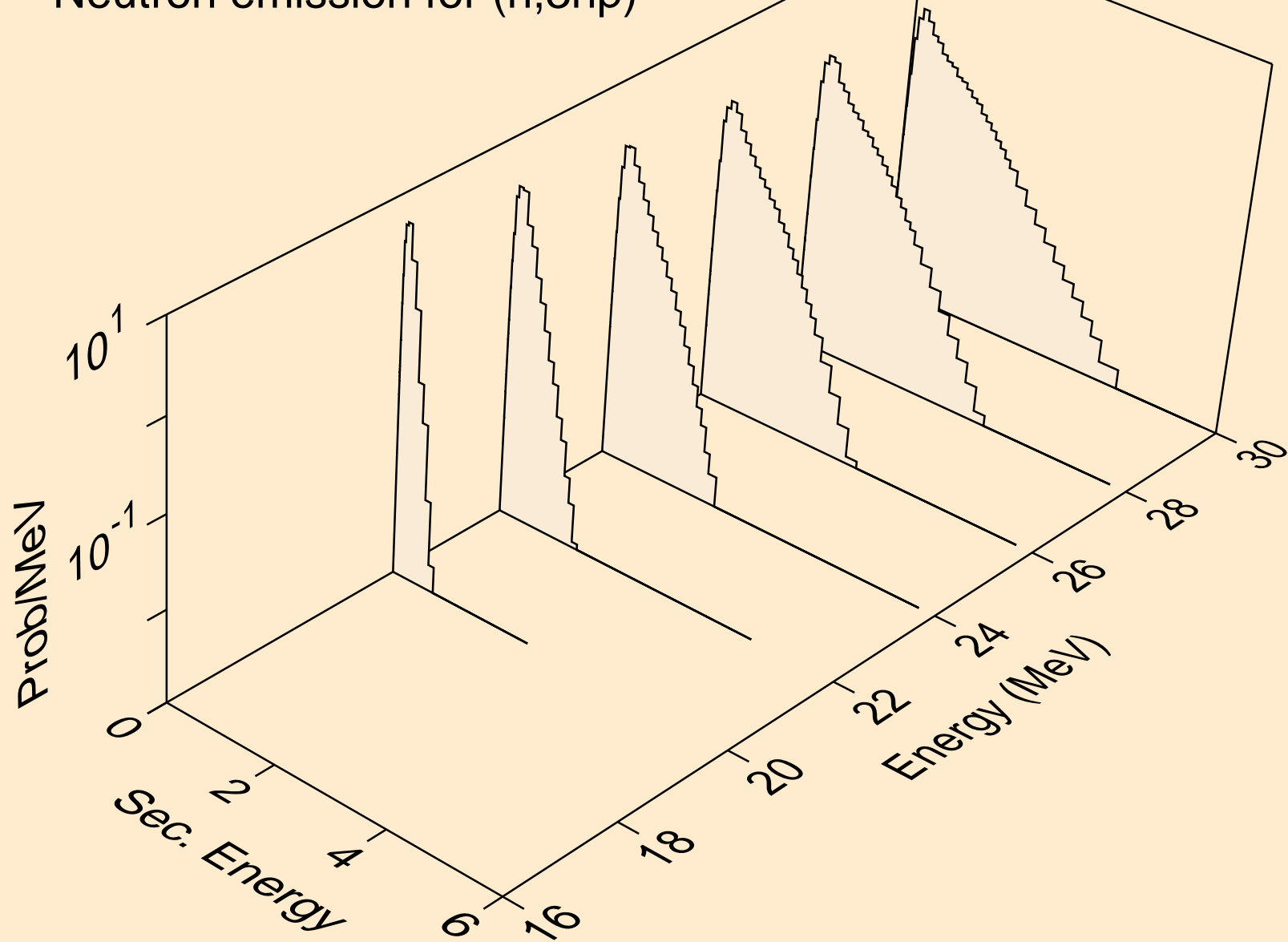
CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



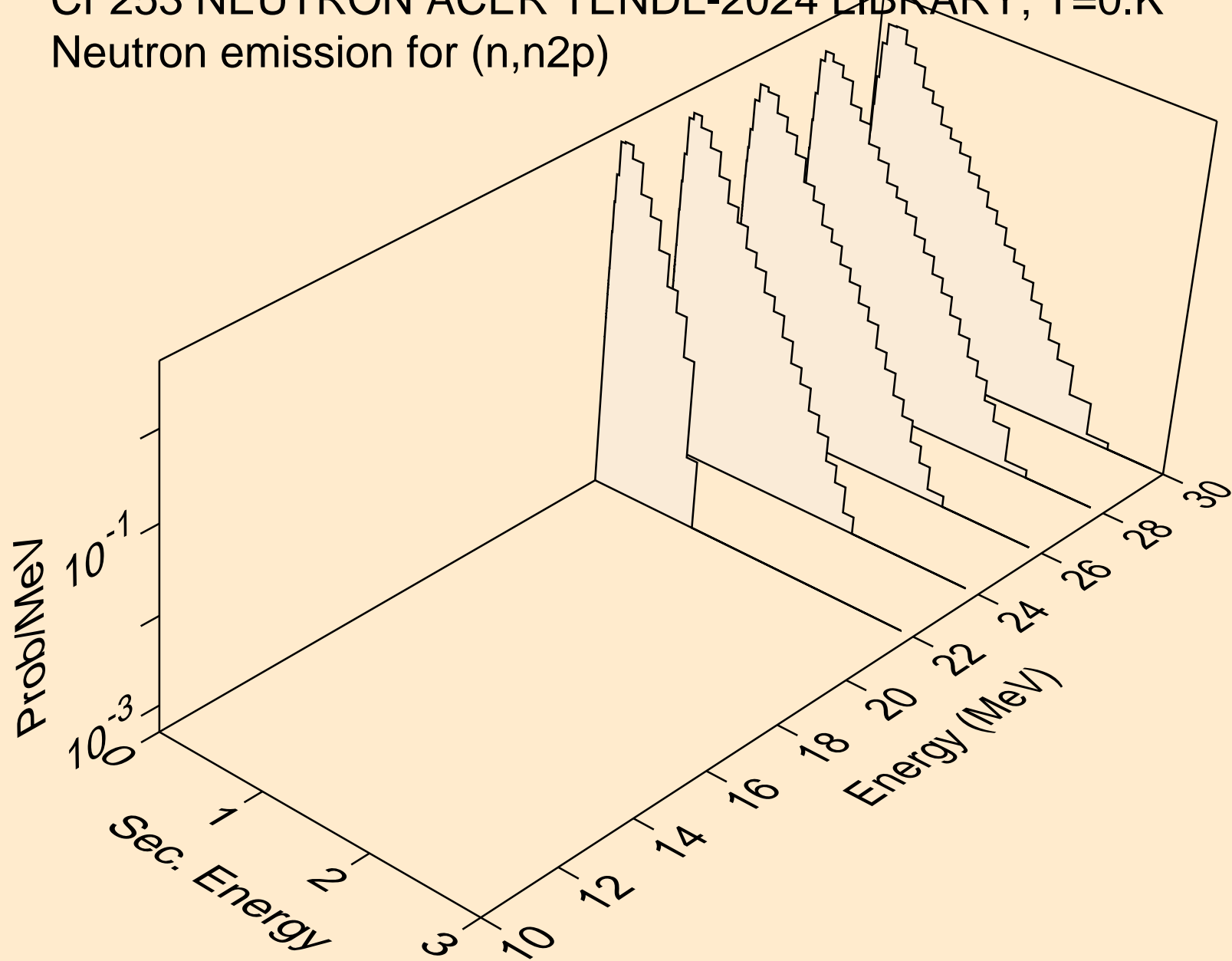
CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



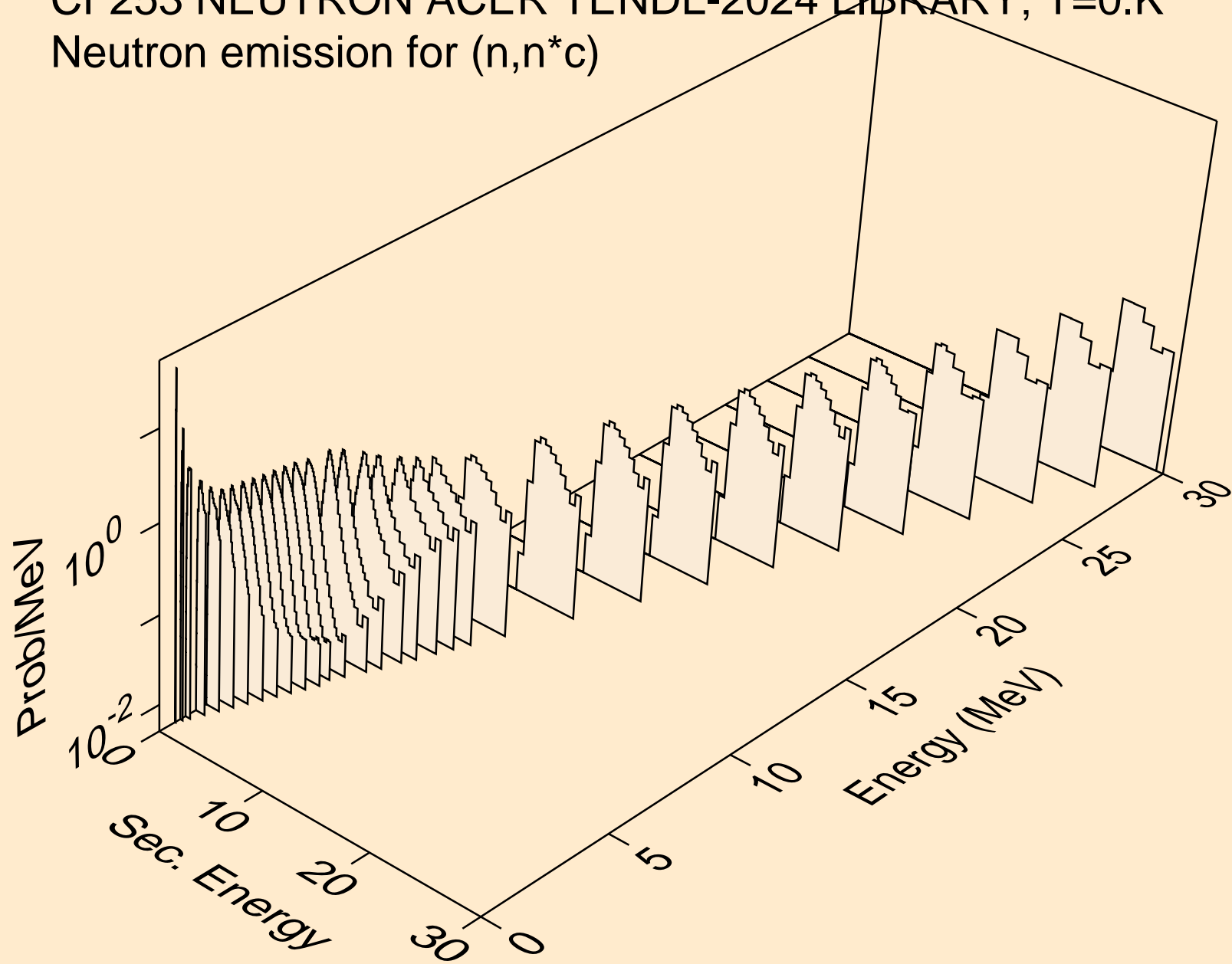
CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)

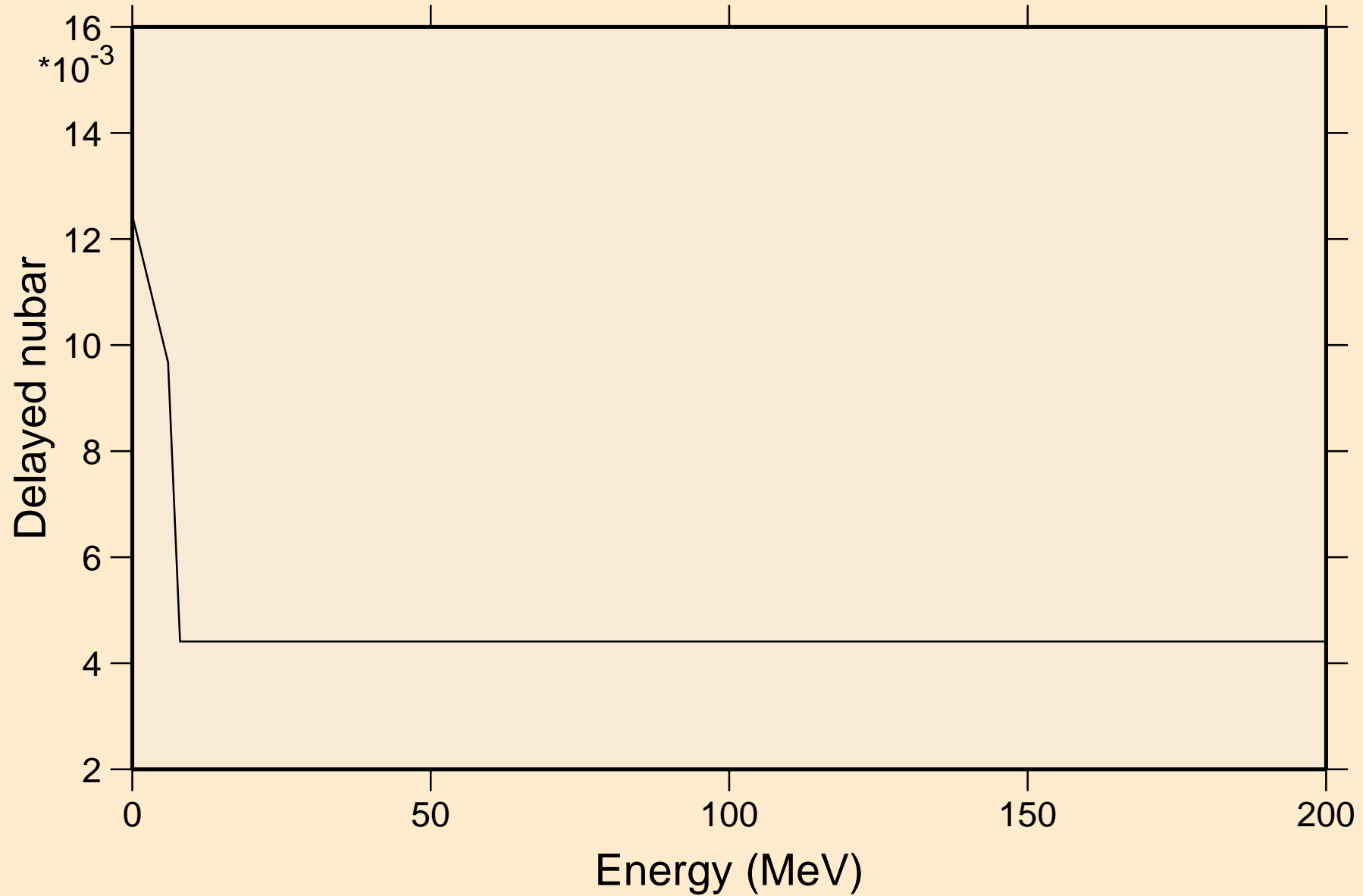


CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



# CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

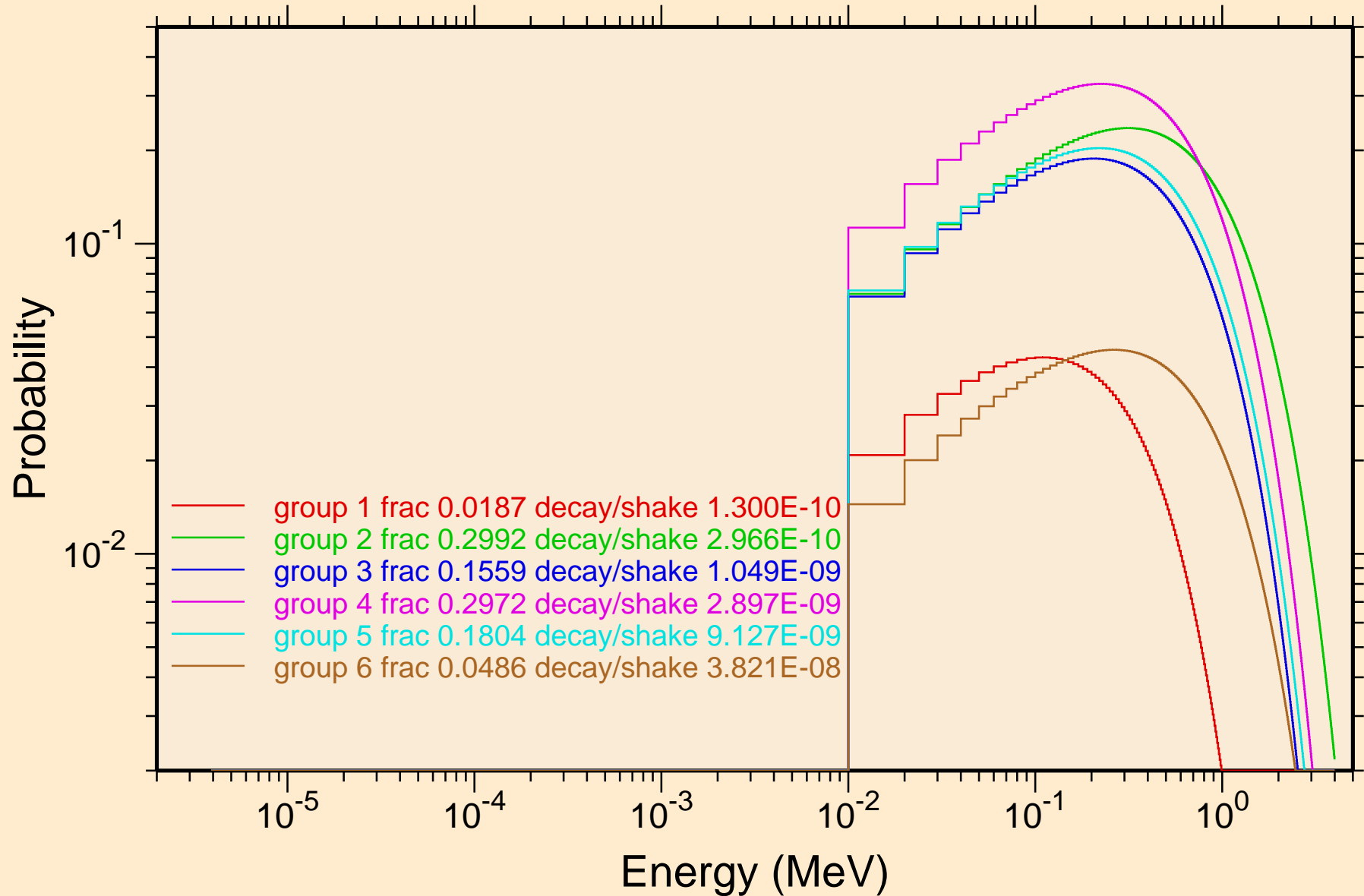
Delayed nubar



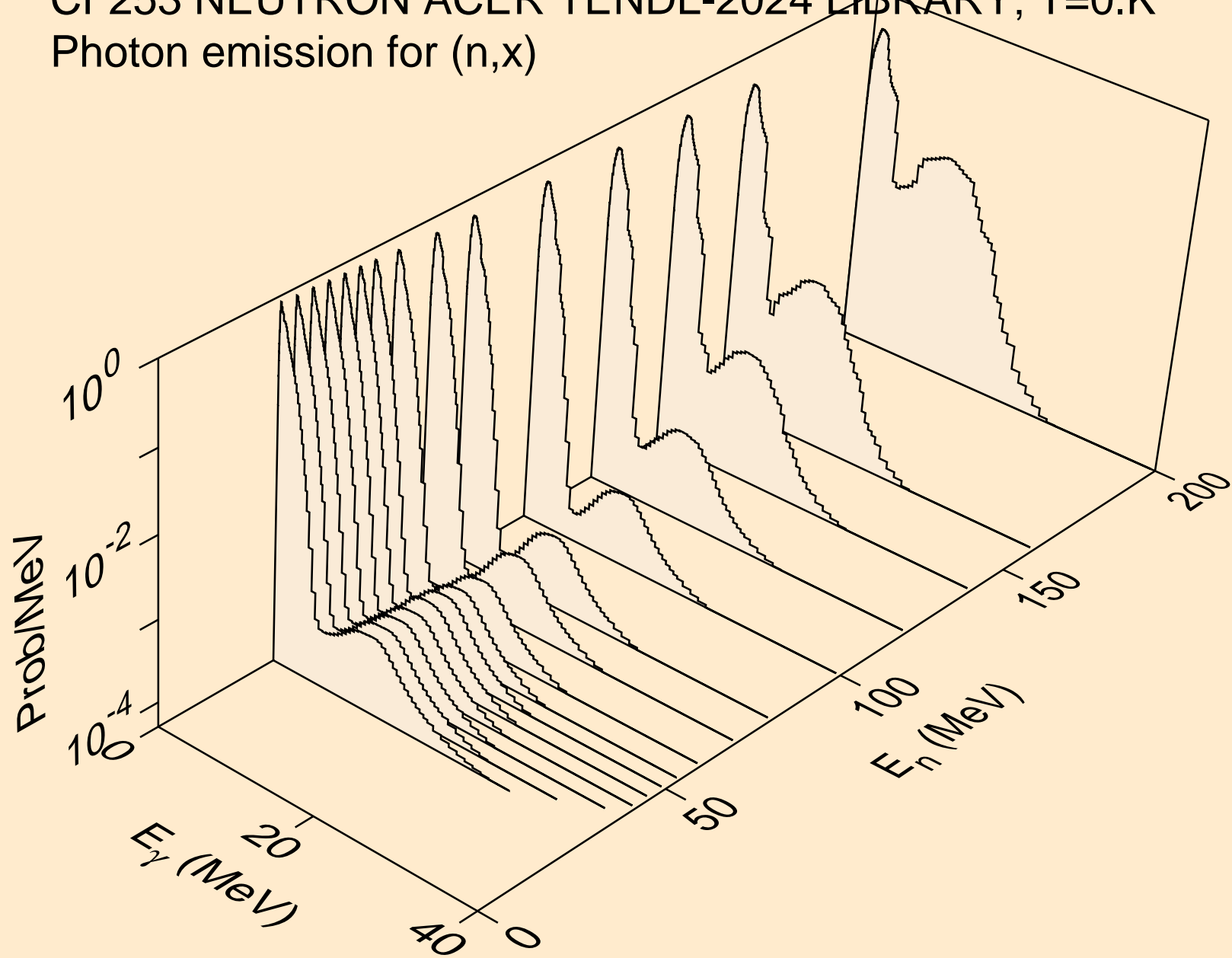


# CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

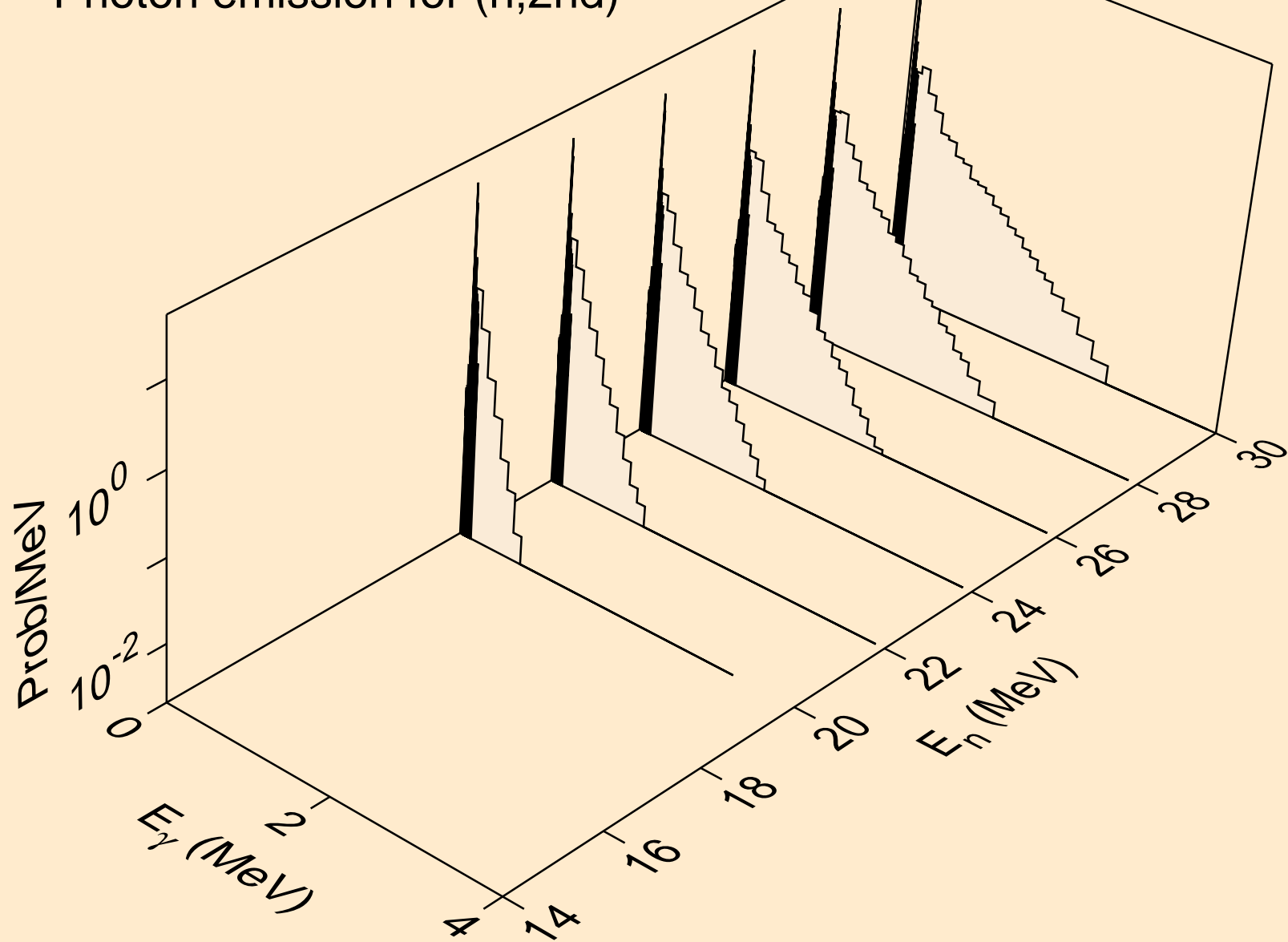
## Delayed neutron spectra



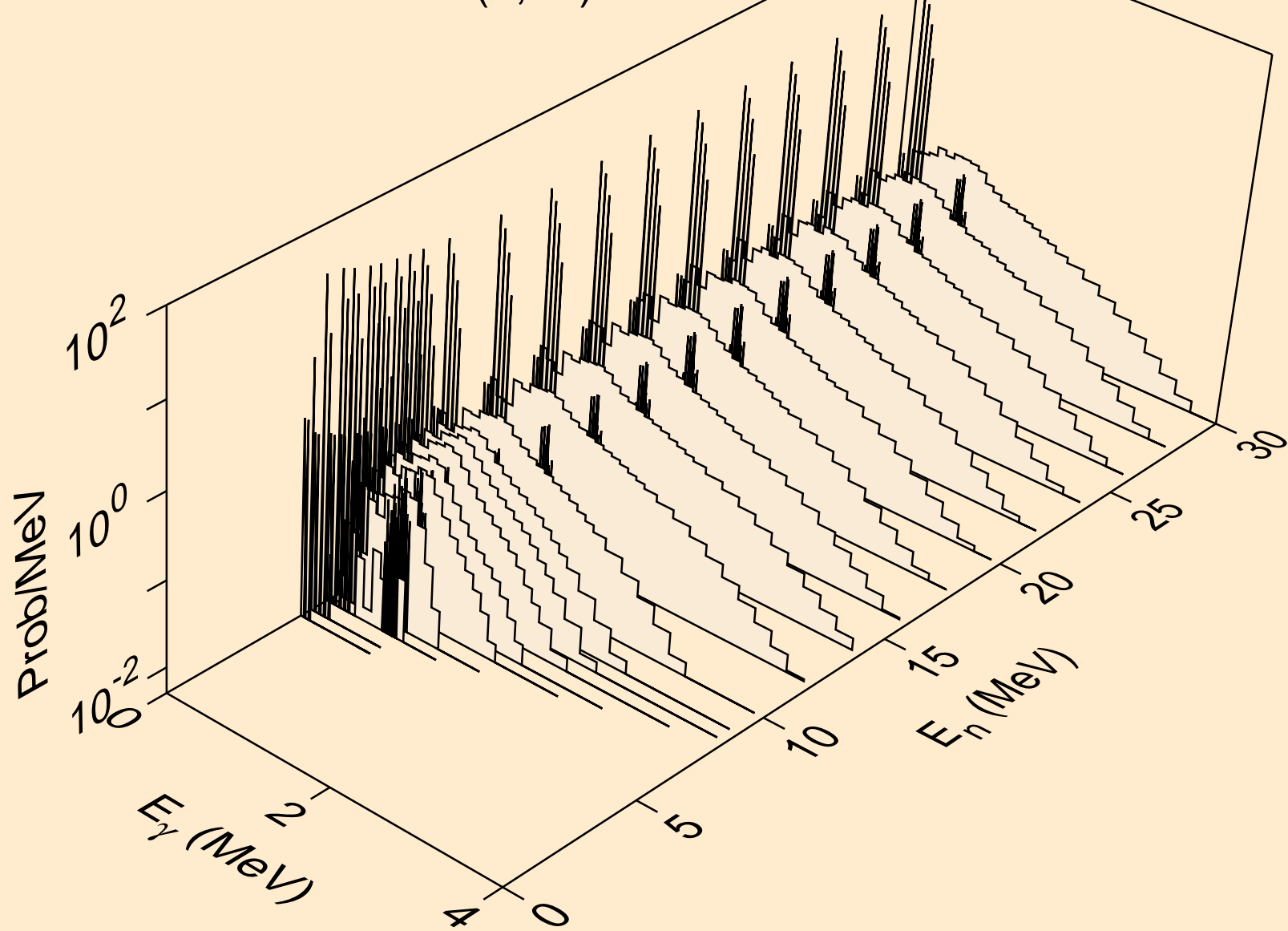
CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



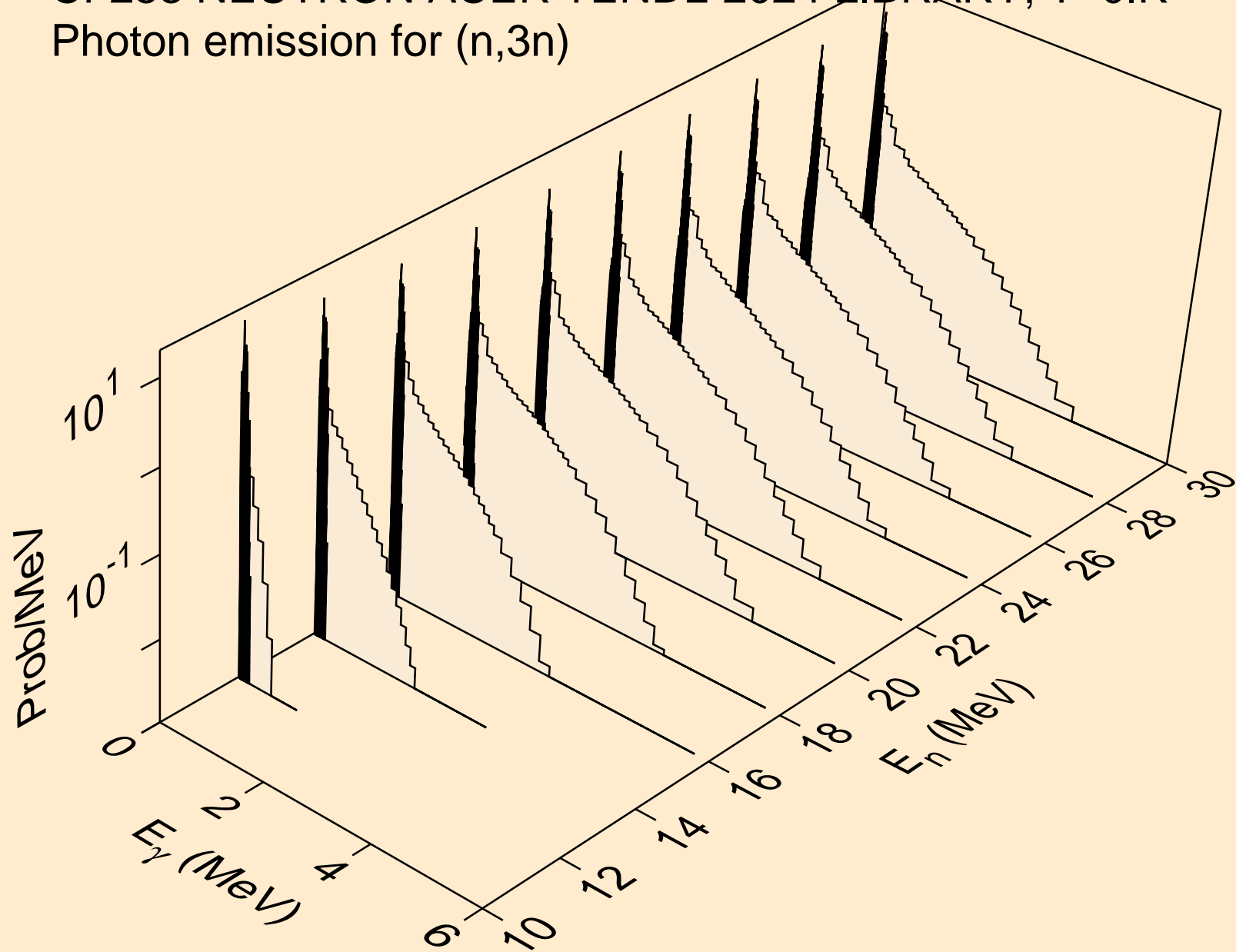
CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



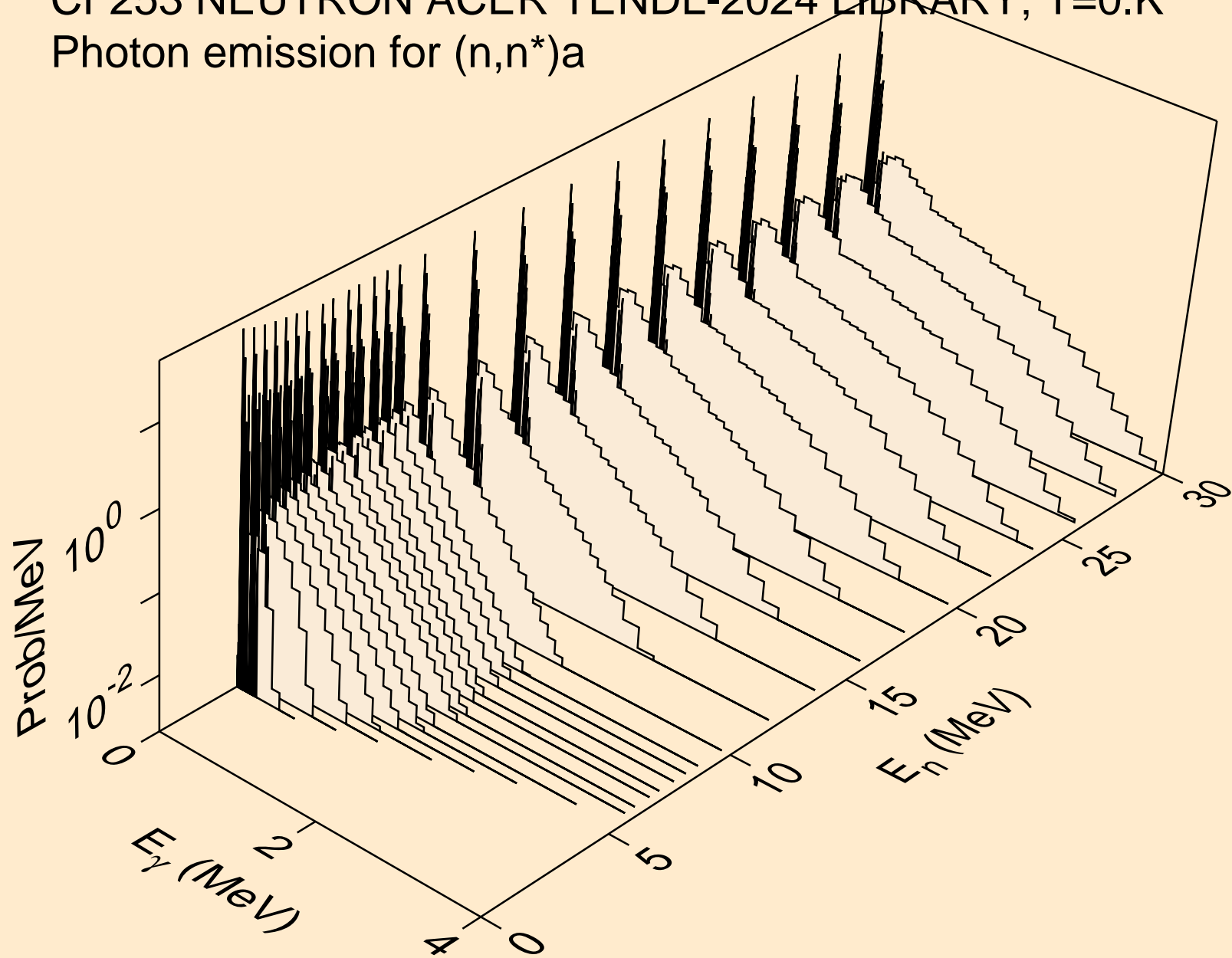
CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



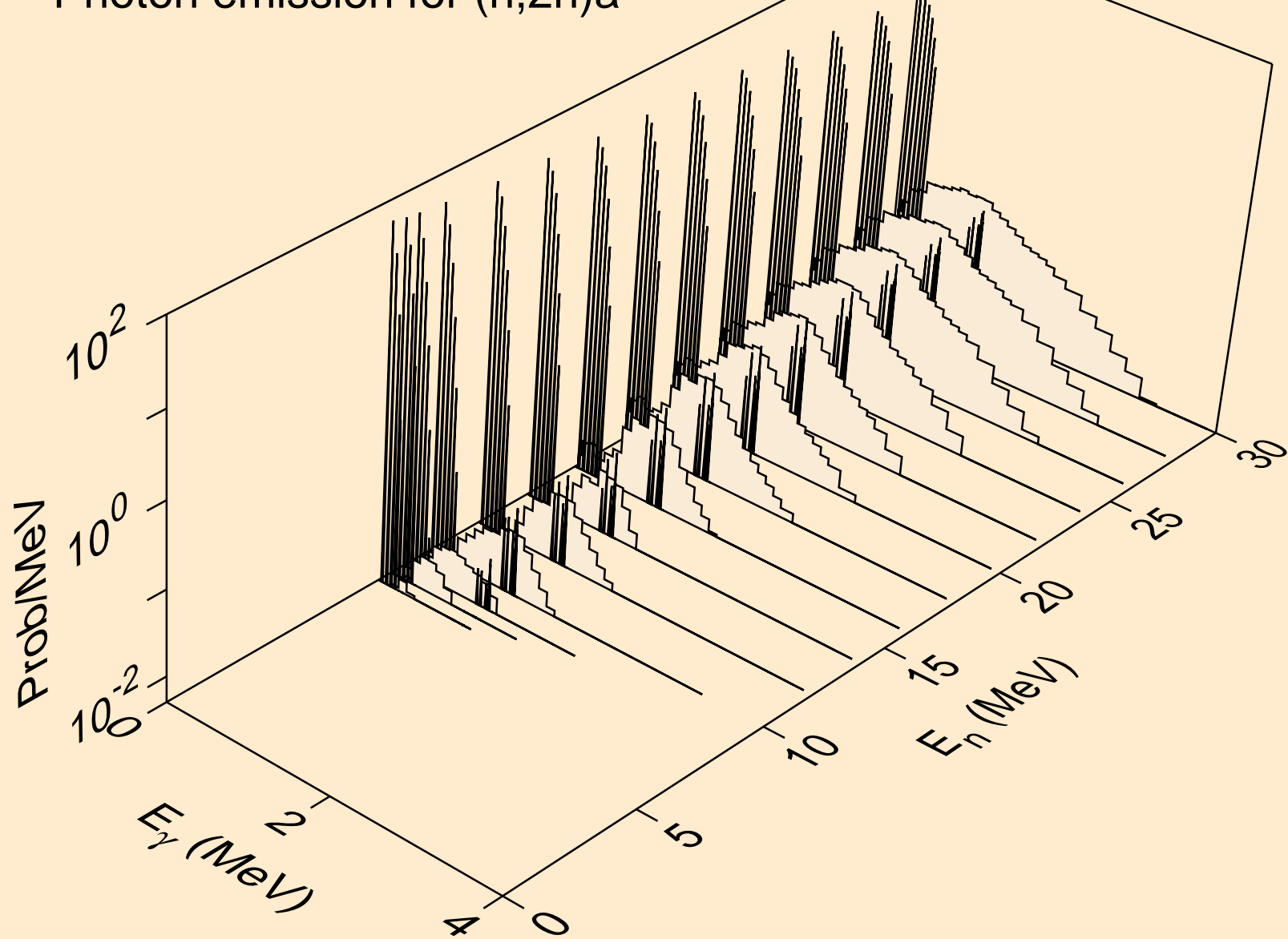
CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



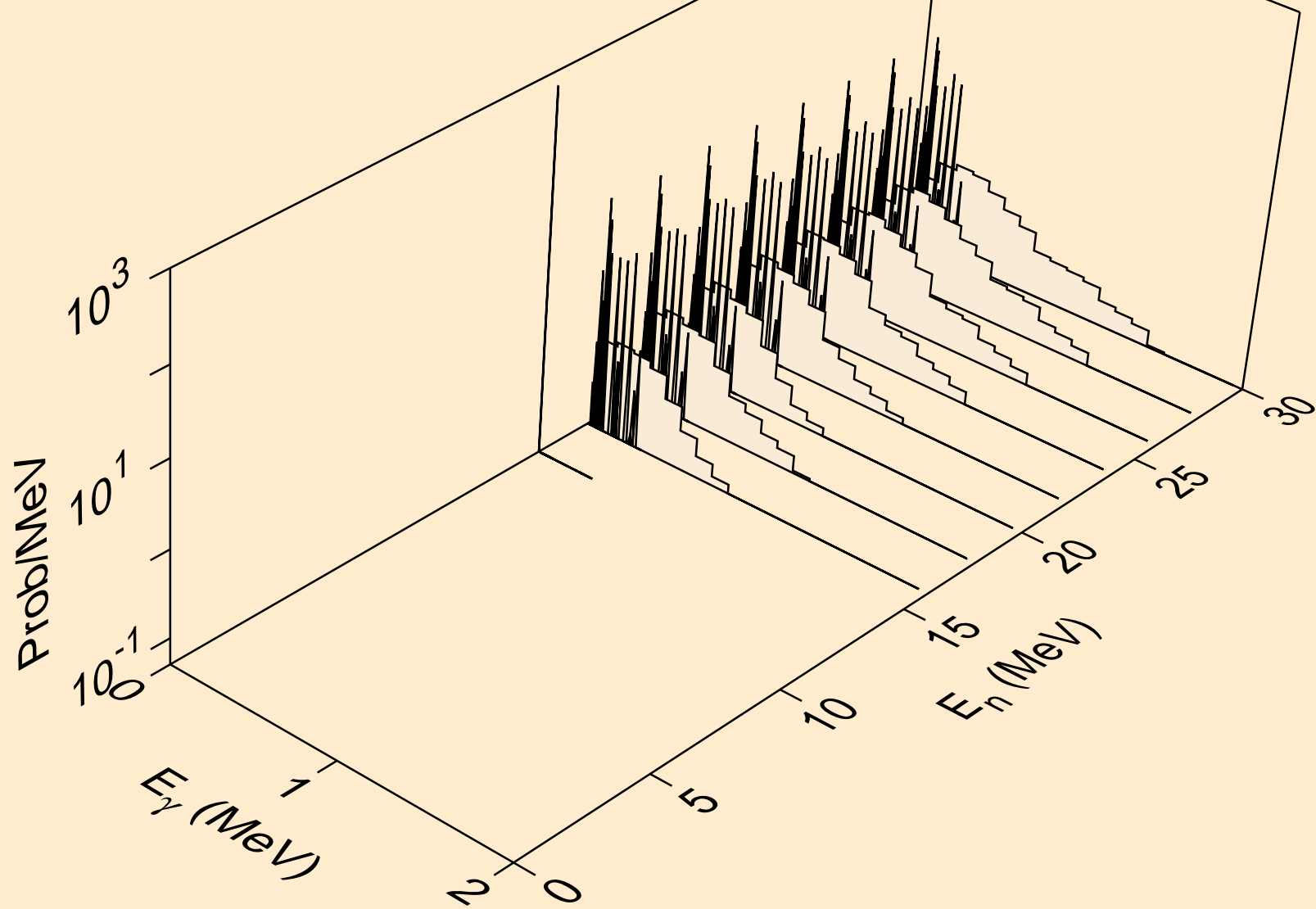
CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a

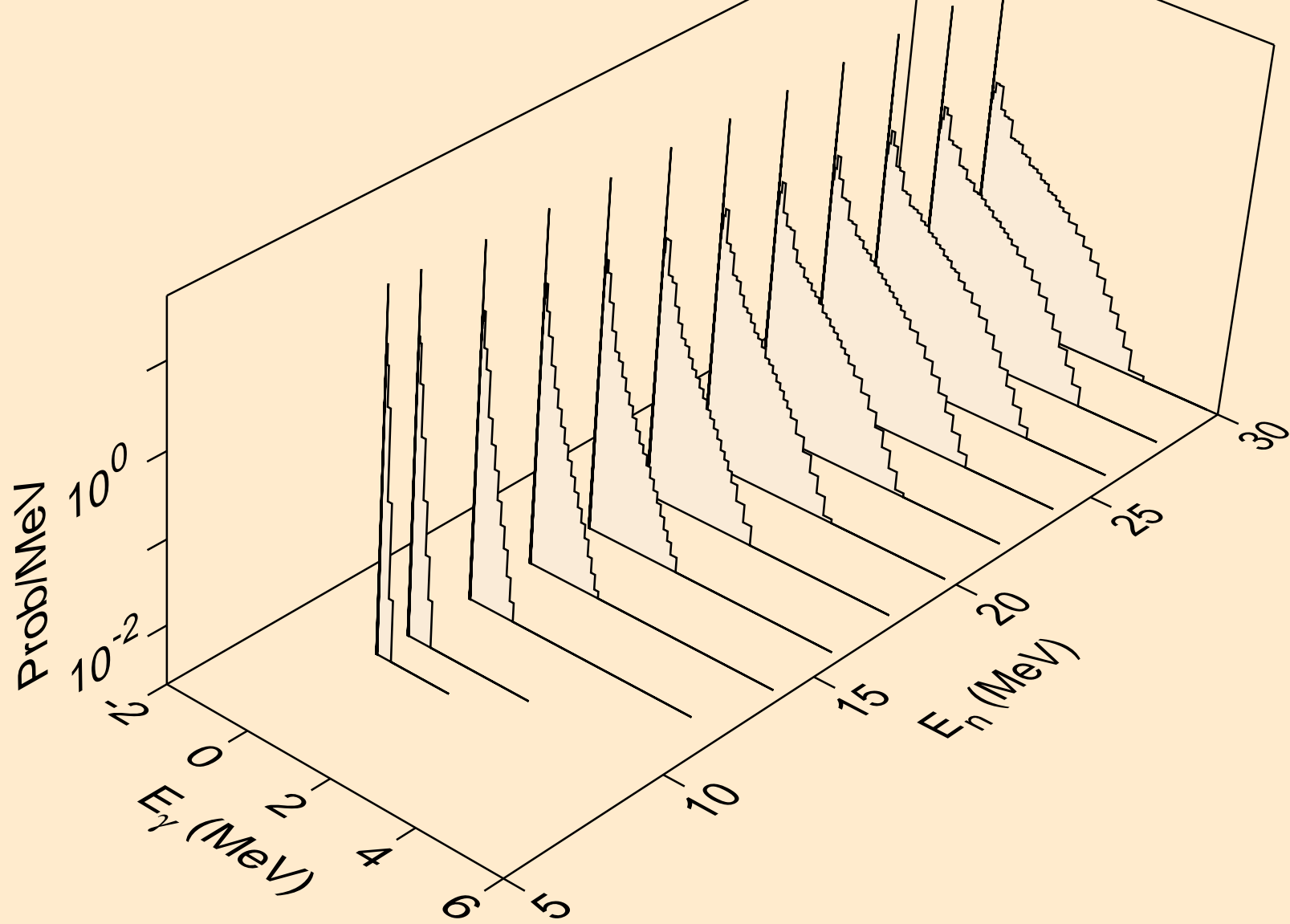


CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a

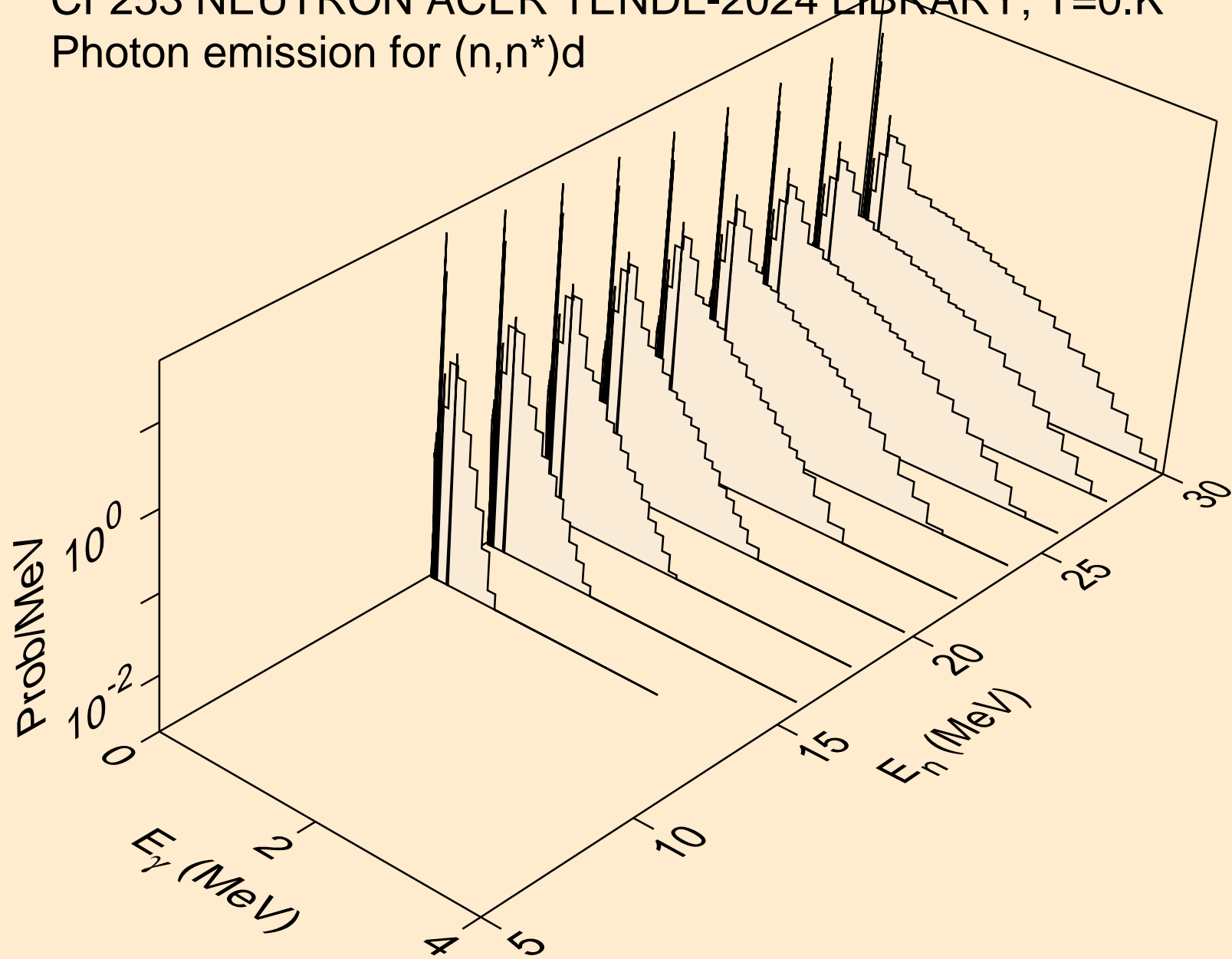




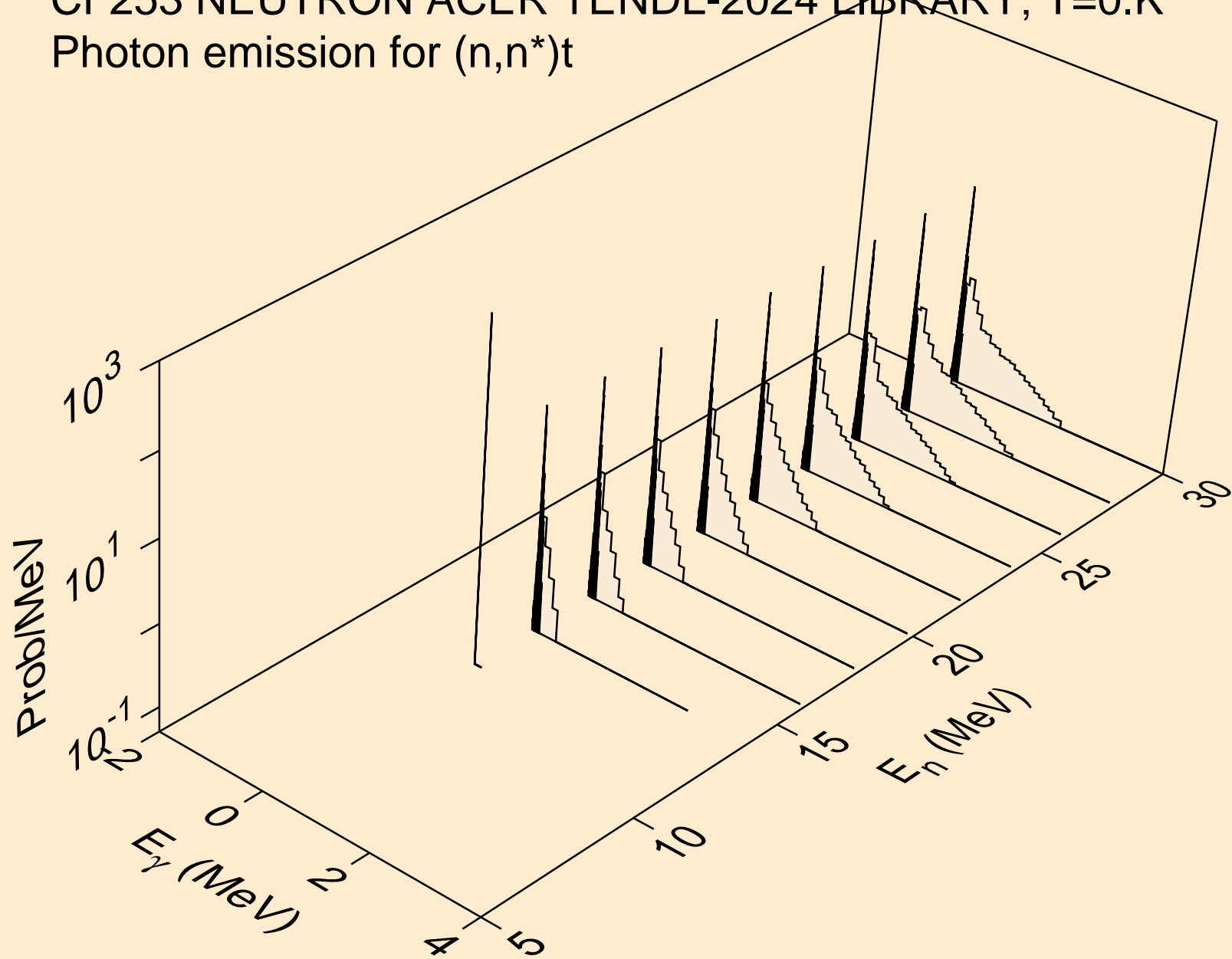
CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



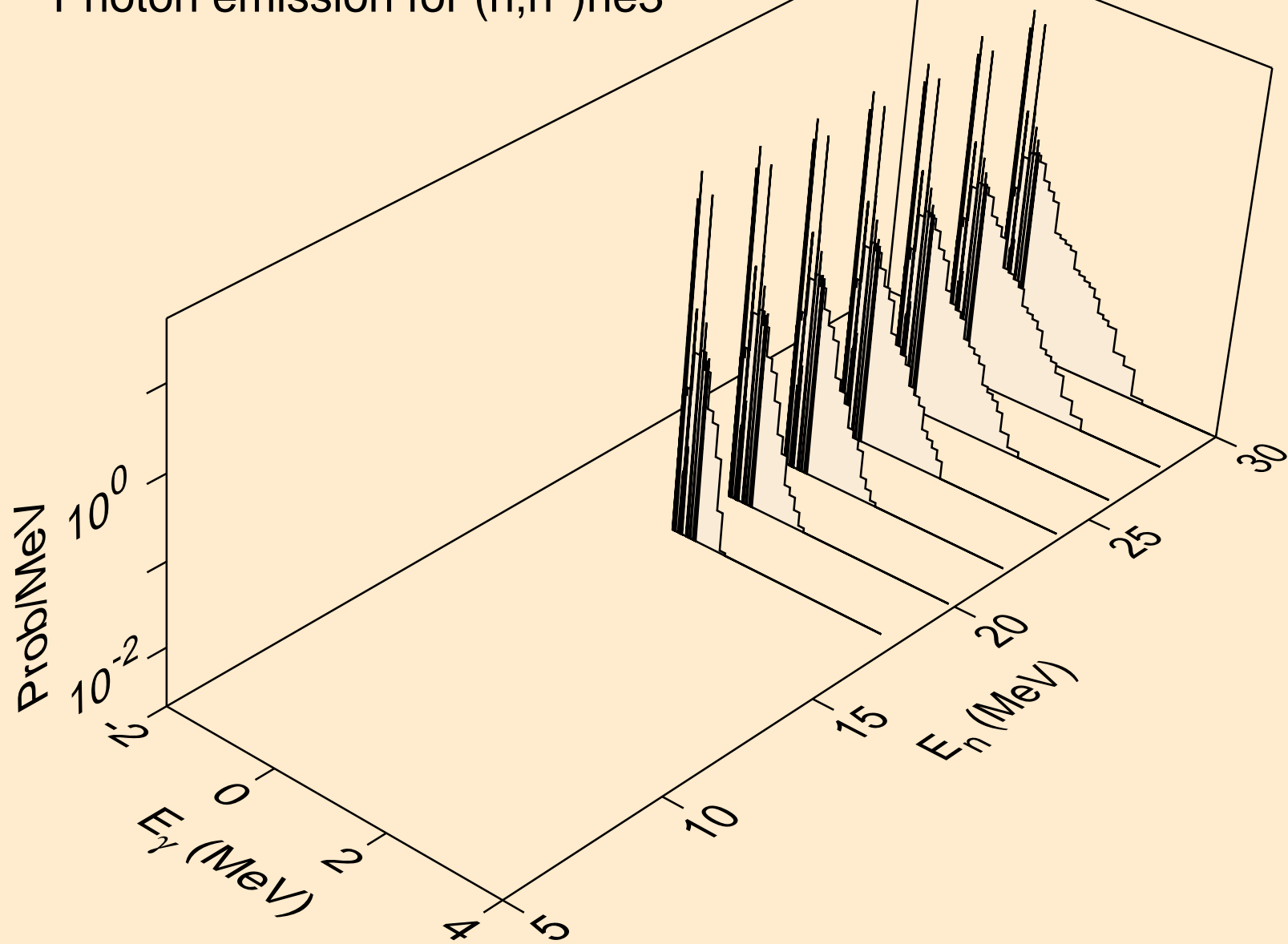
CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



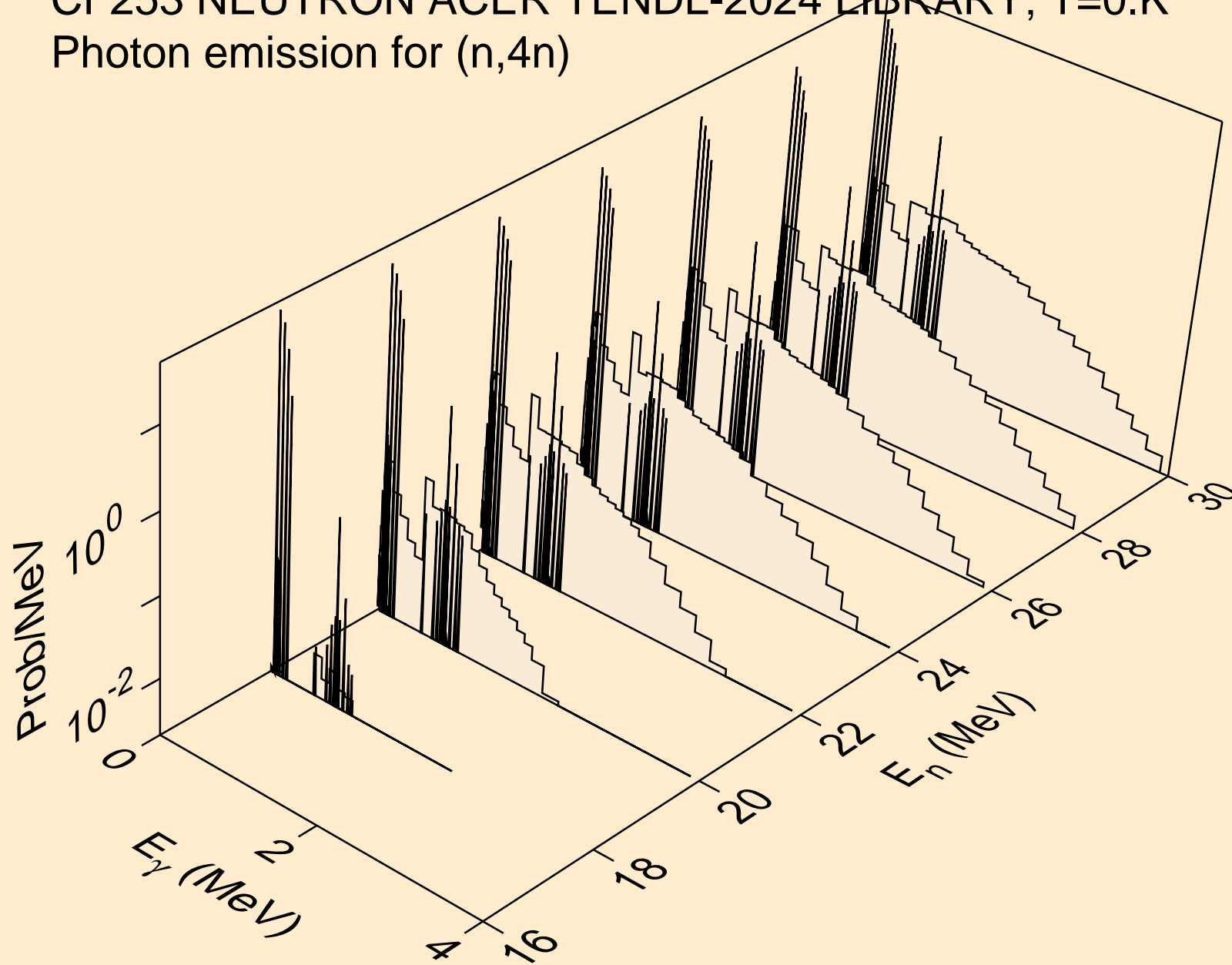
CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



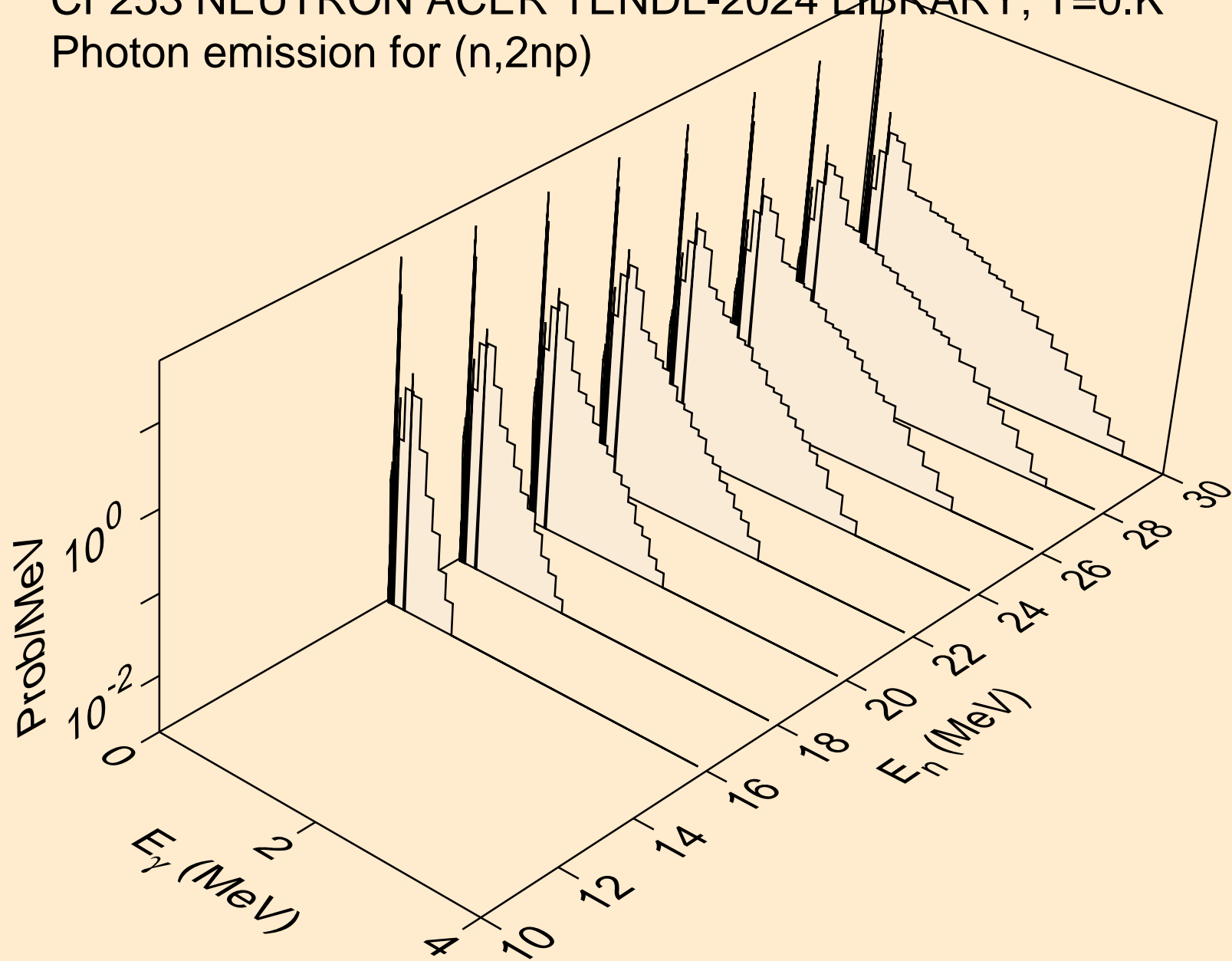
CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



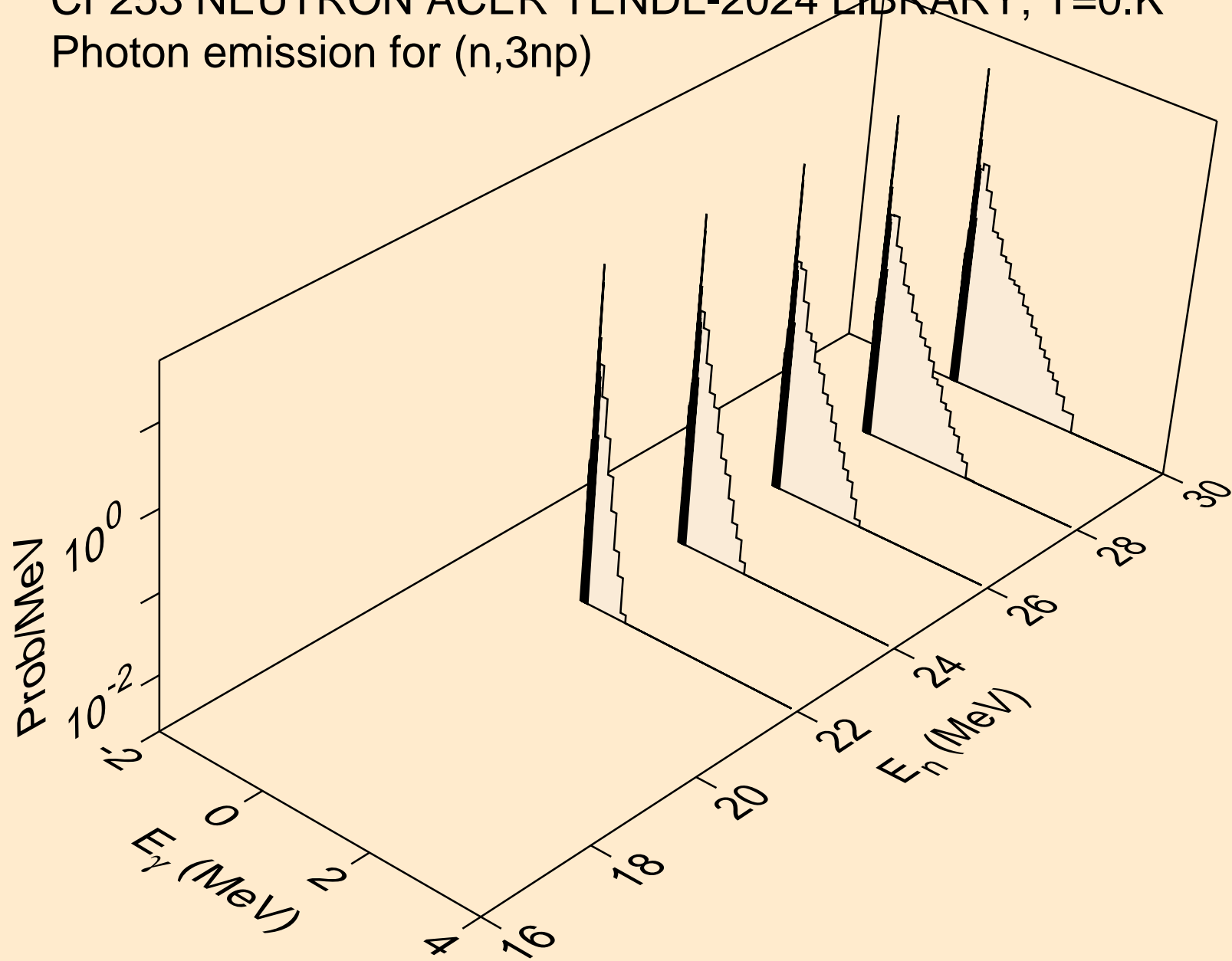
CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



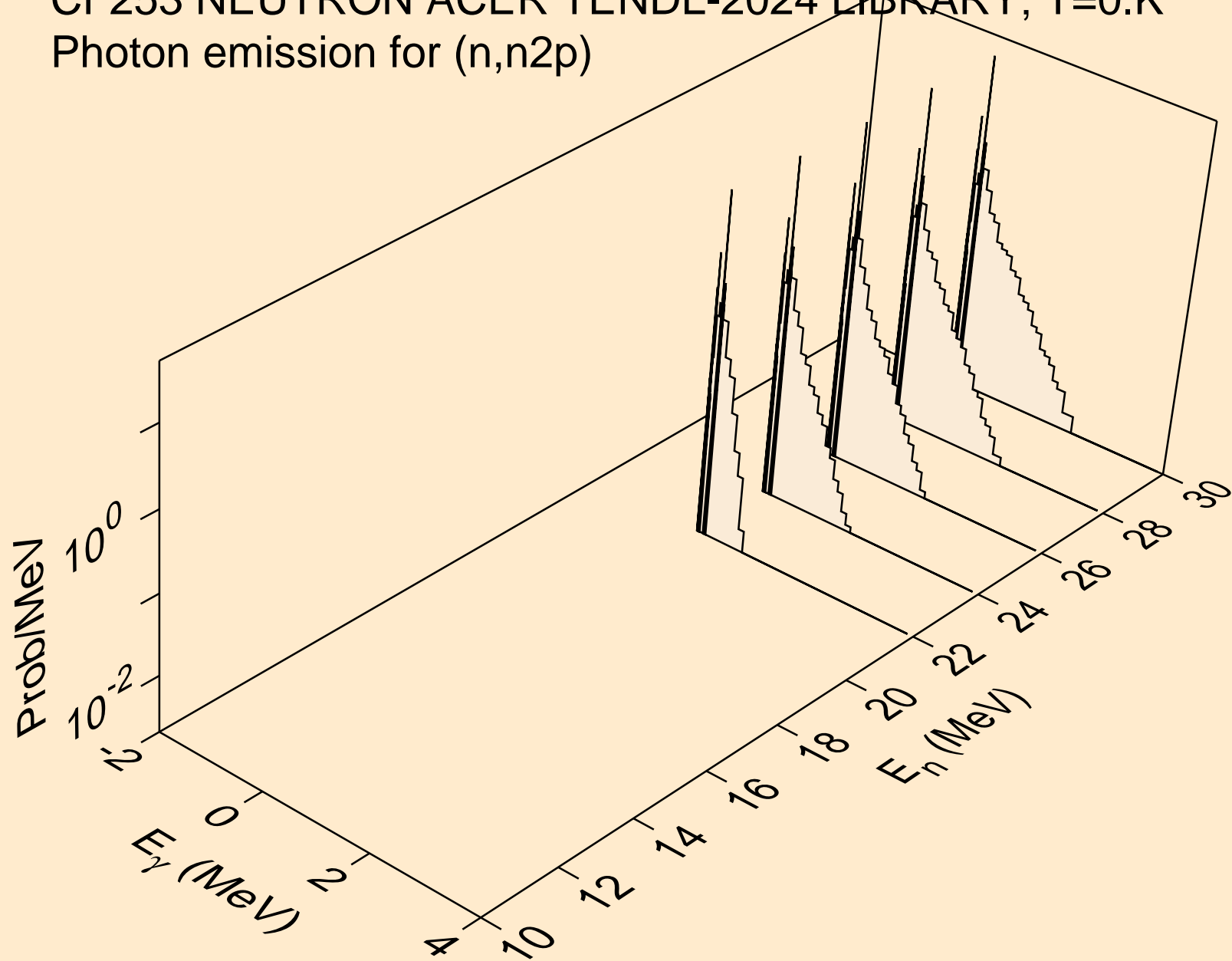
CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)

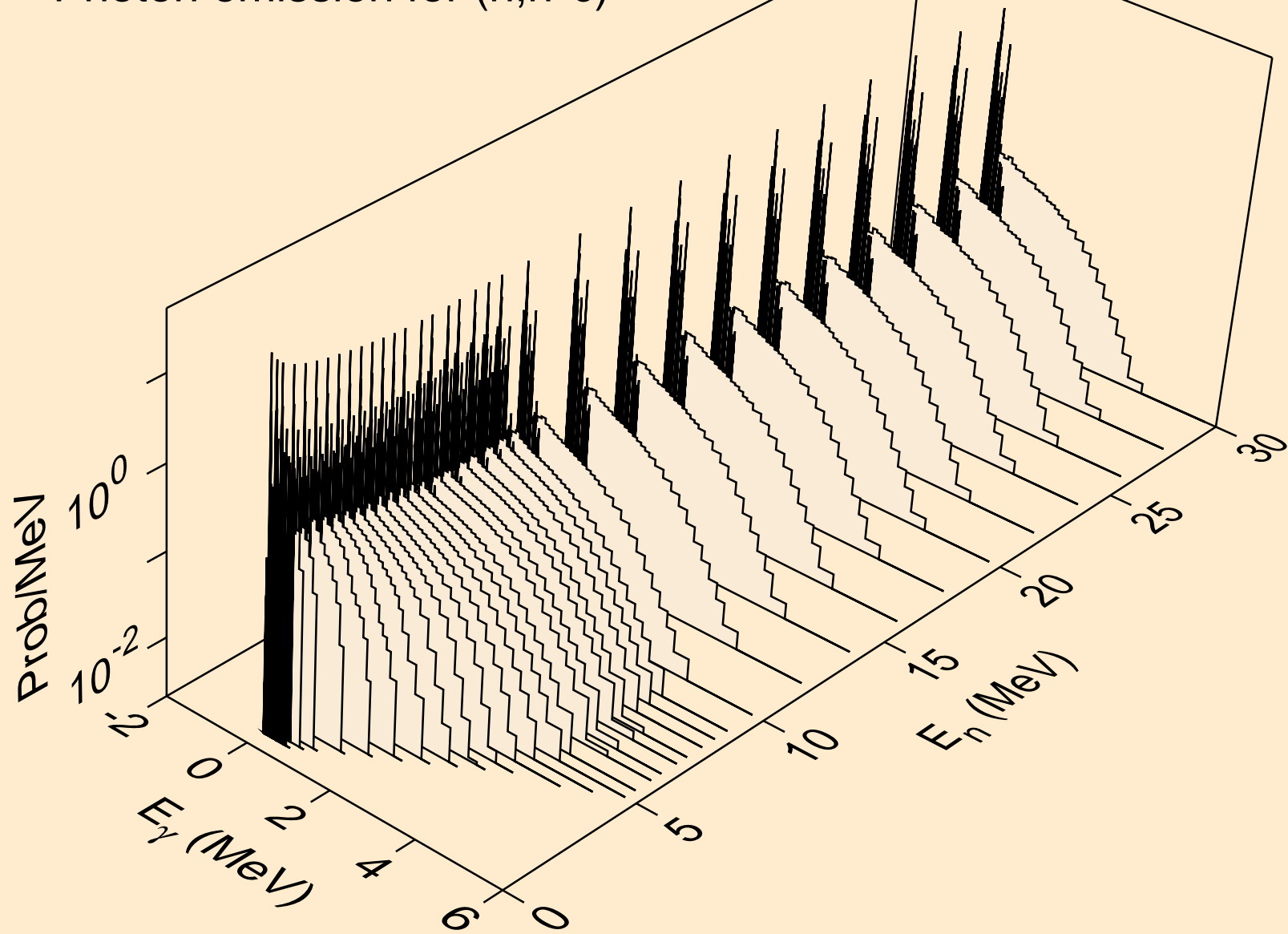


CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)

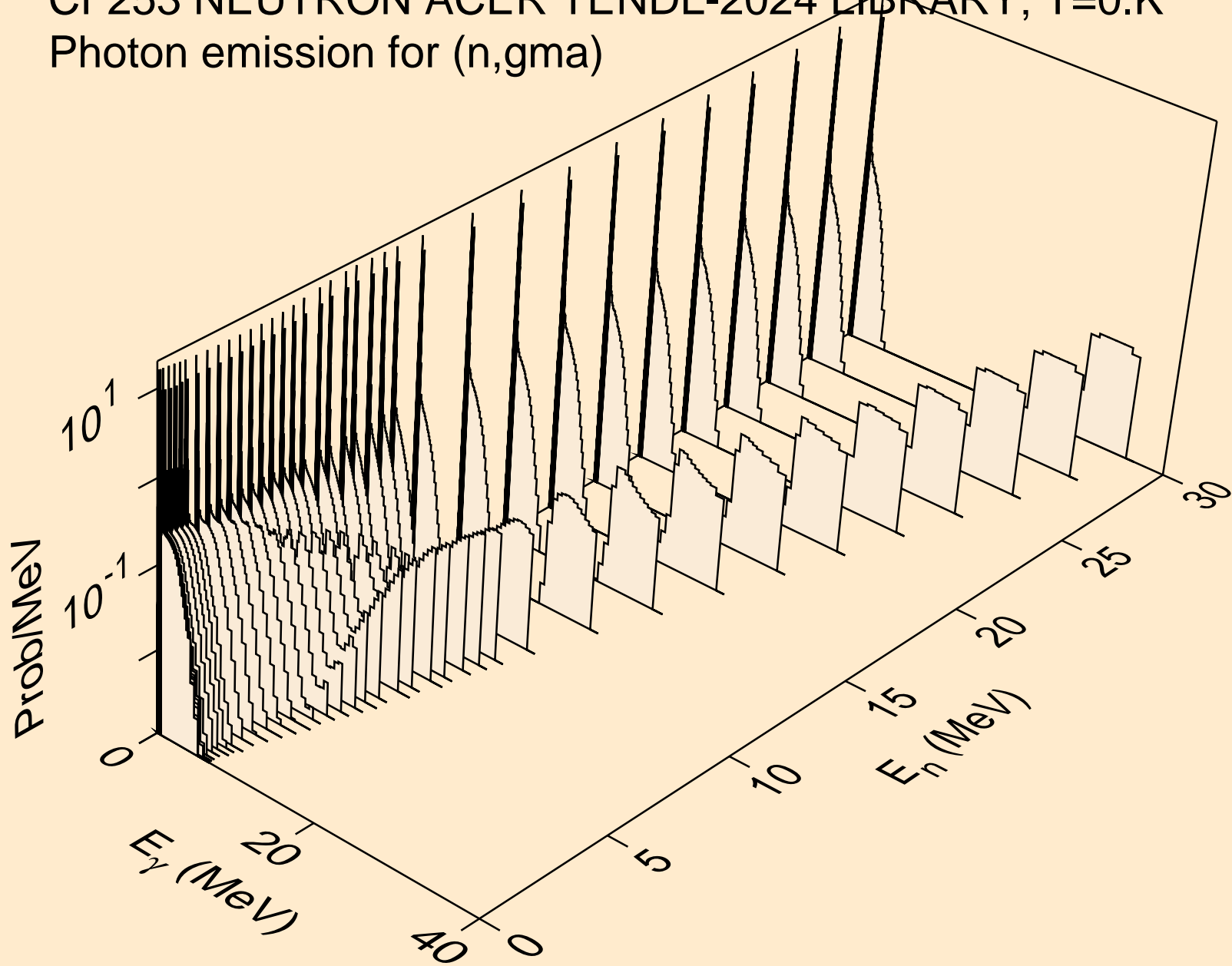




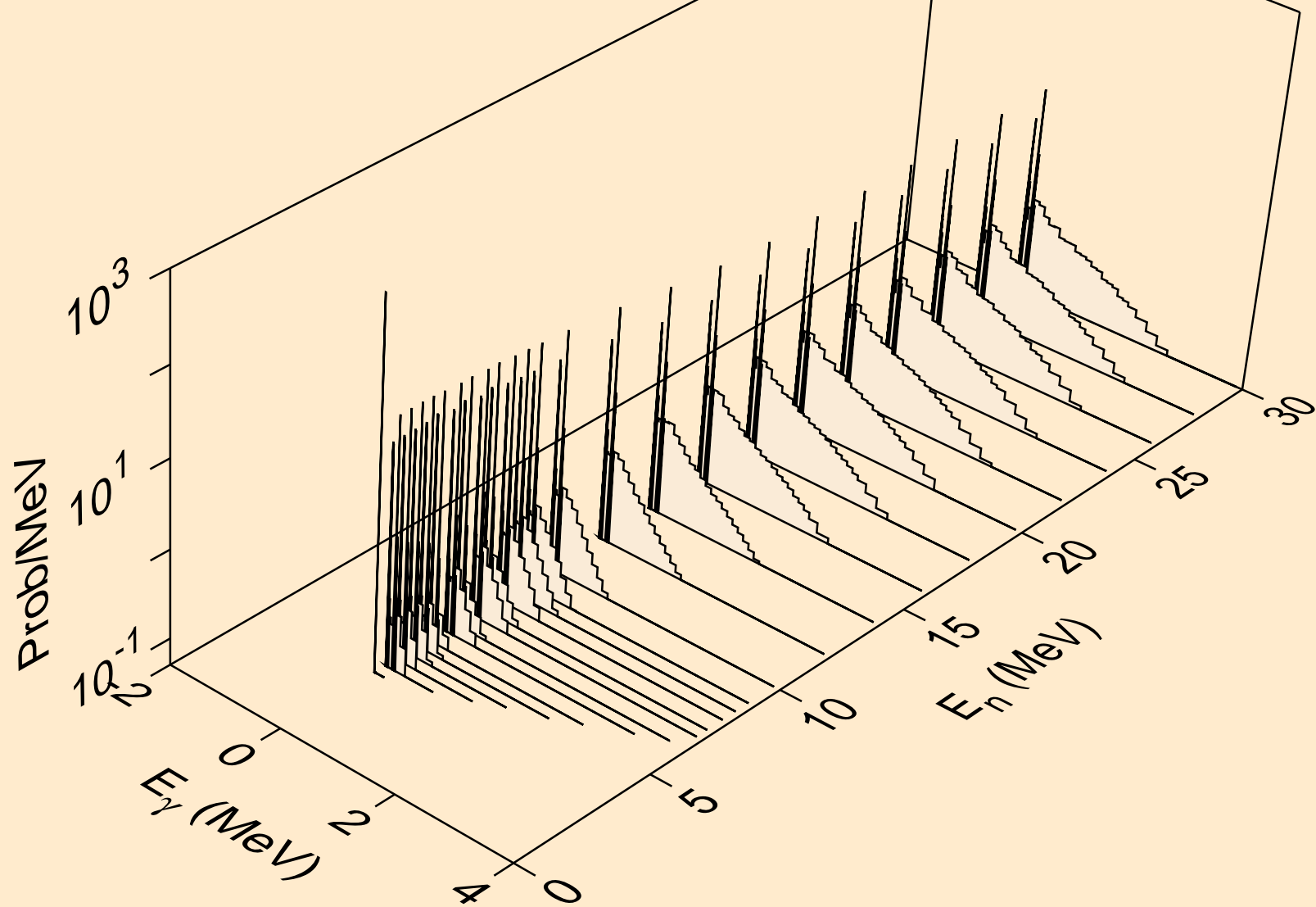
CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



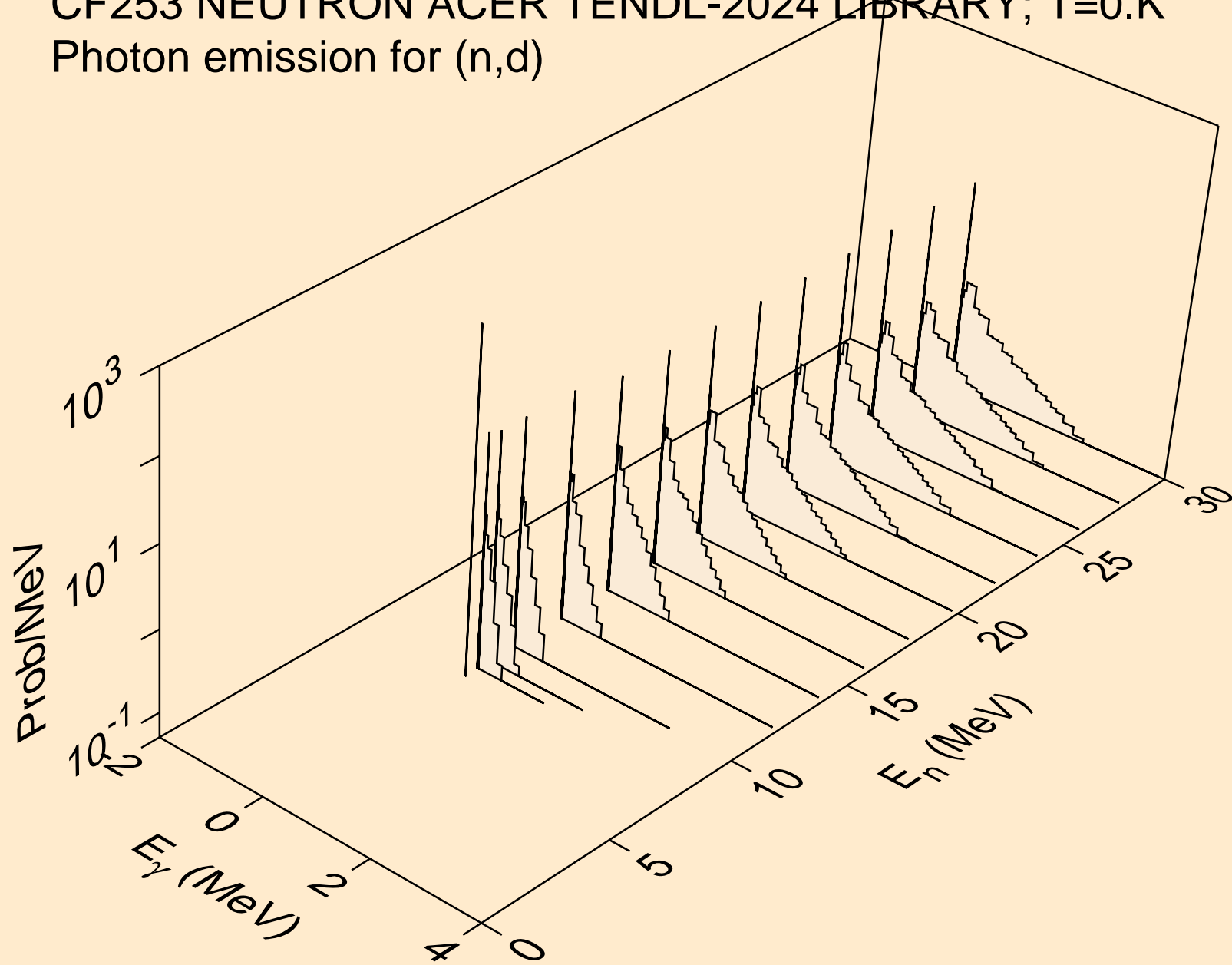
CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



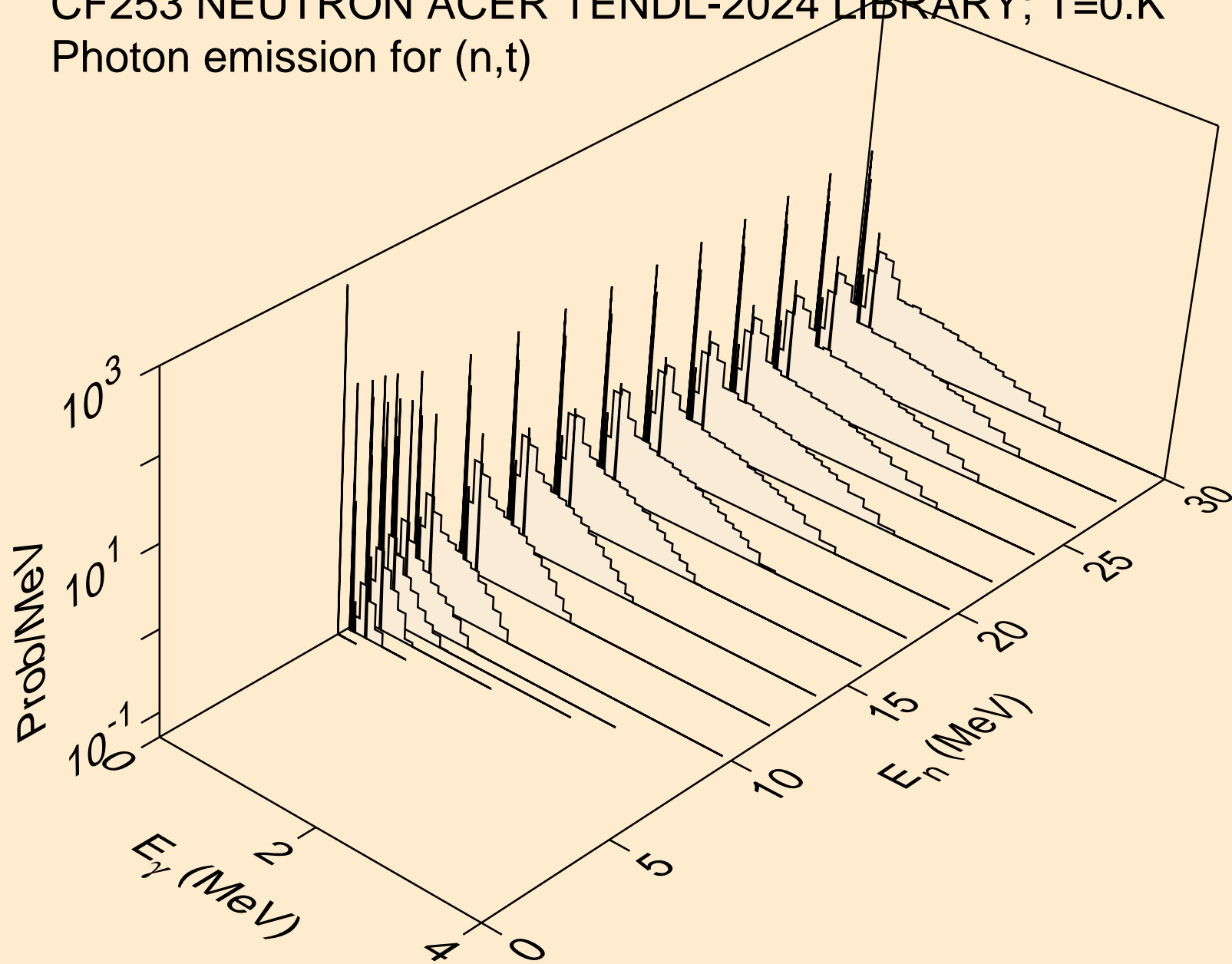
CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



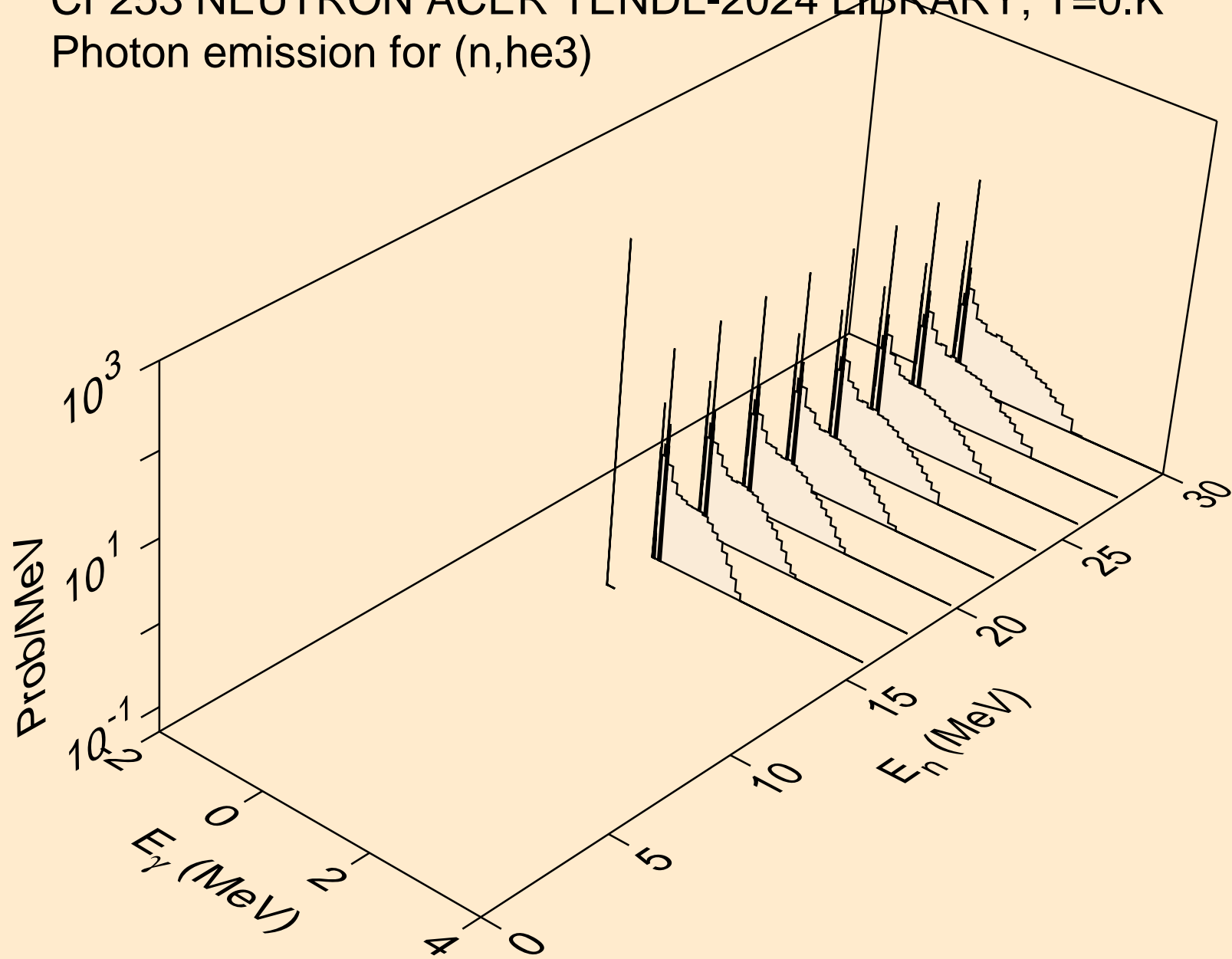
CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



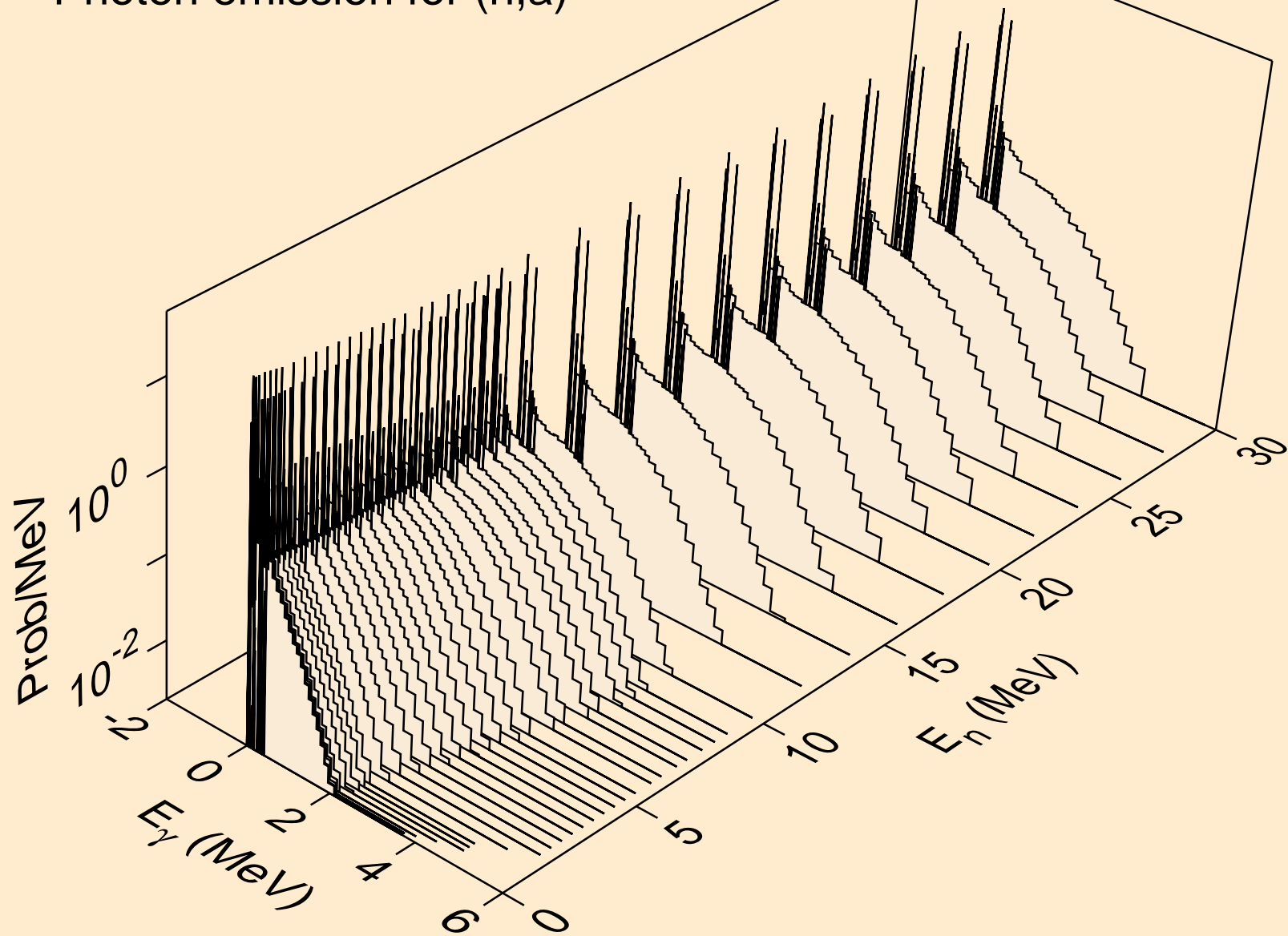
CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



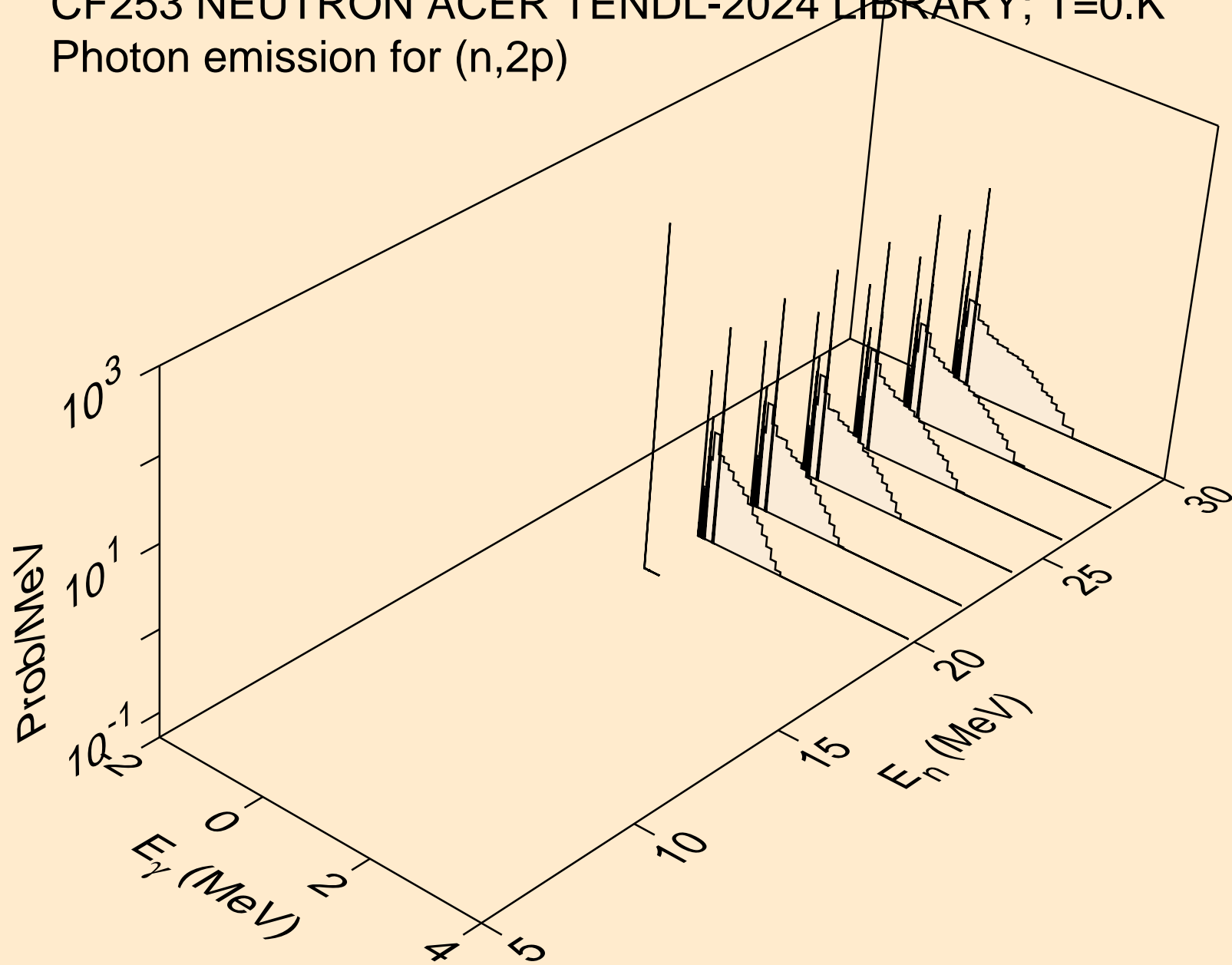
CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)

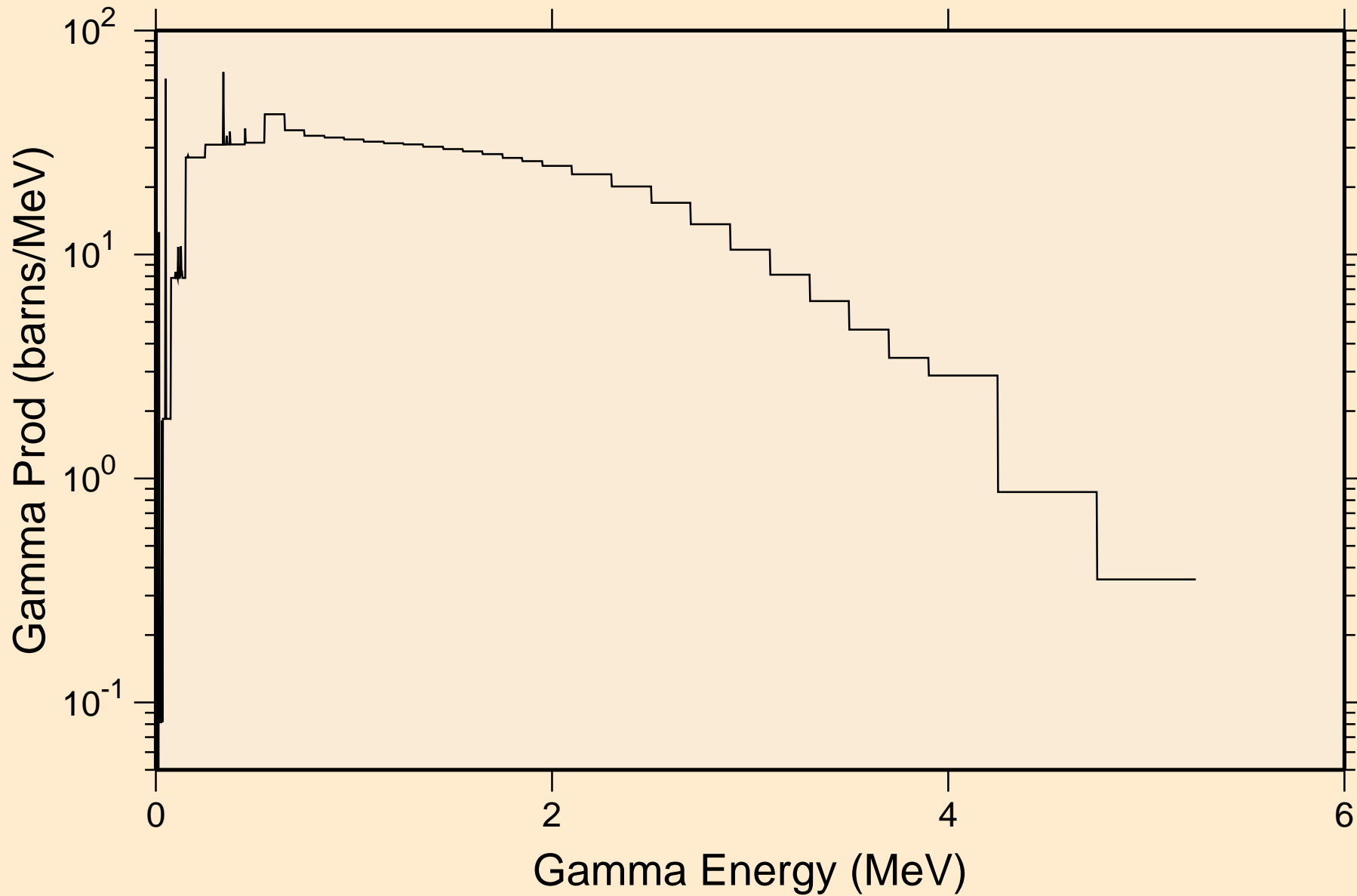


CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)

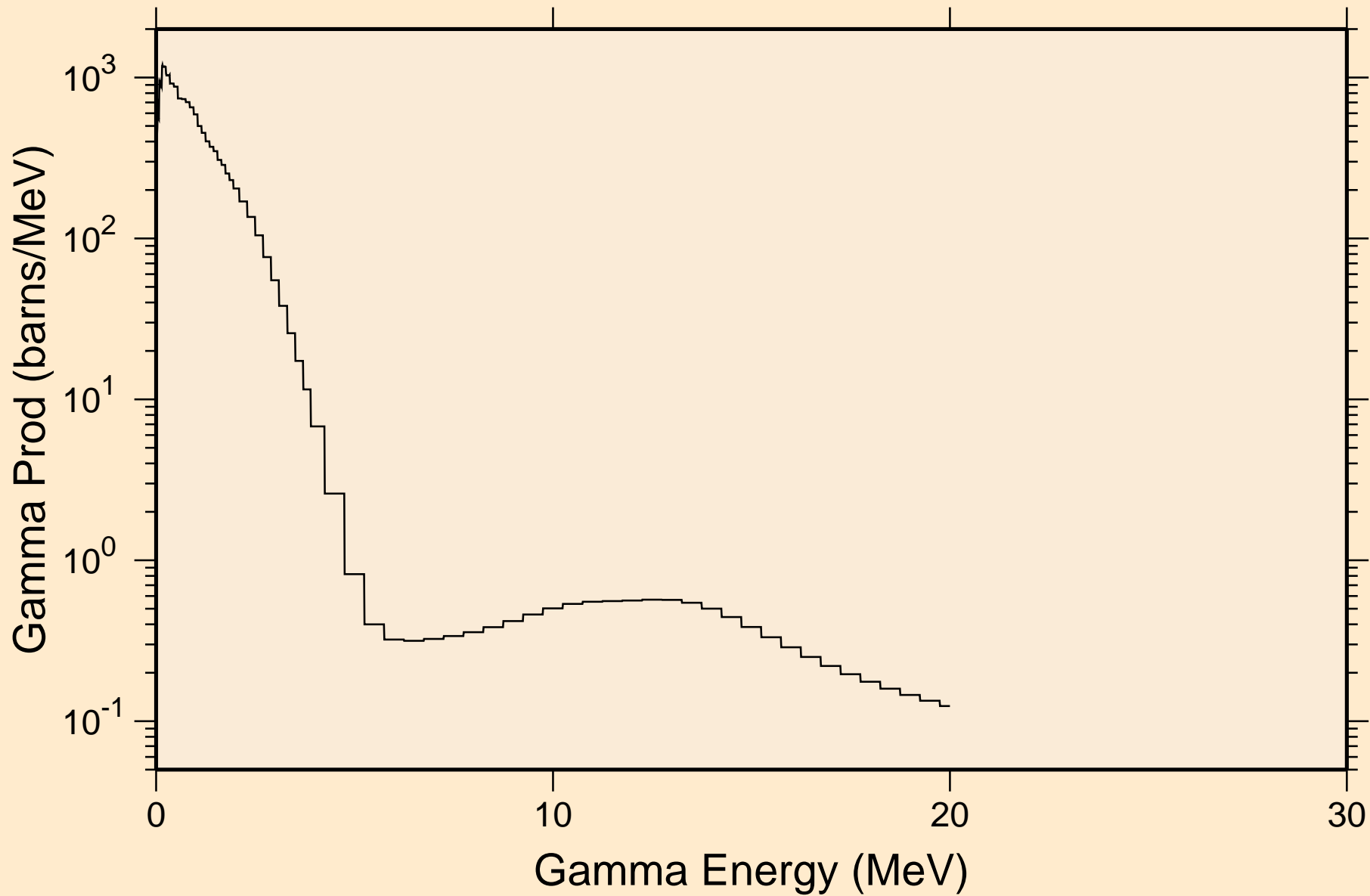




CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

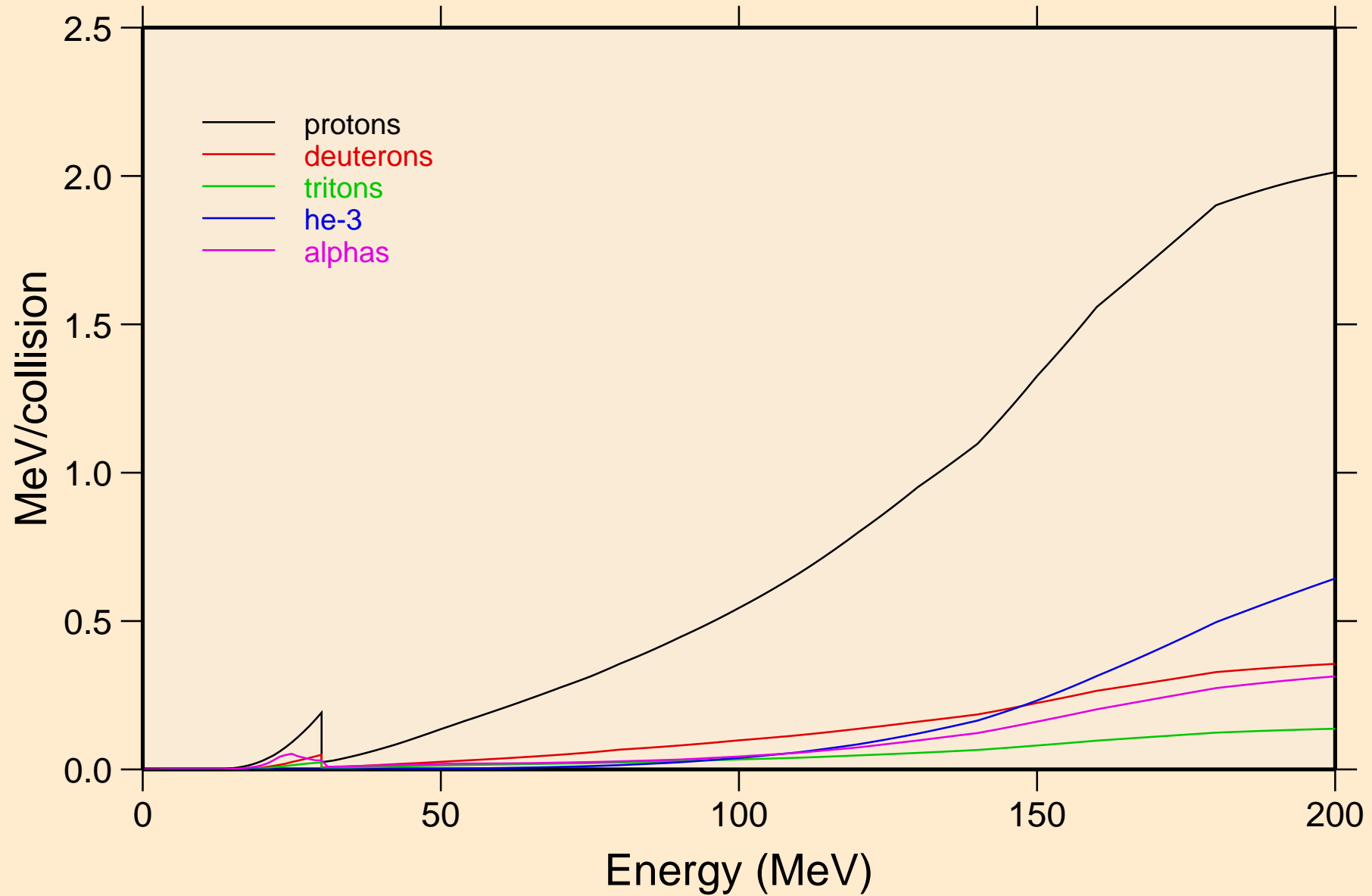


CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

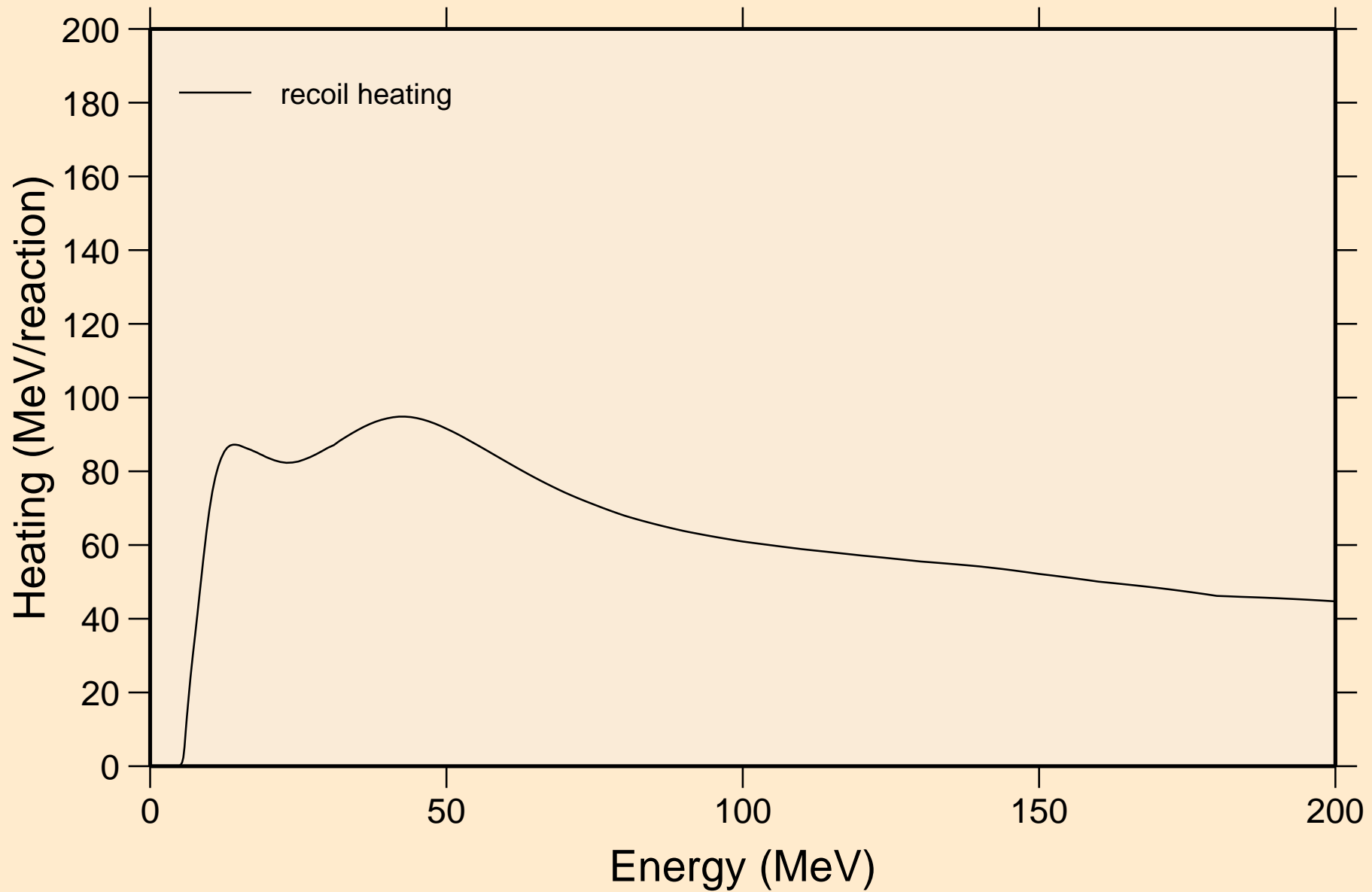


# CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions

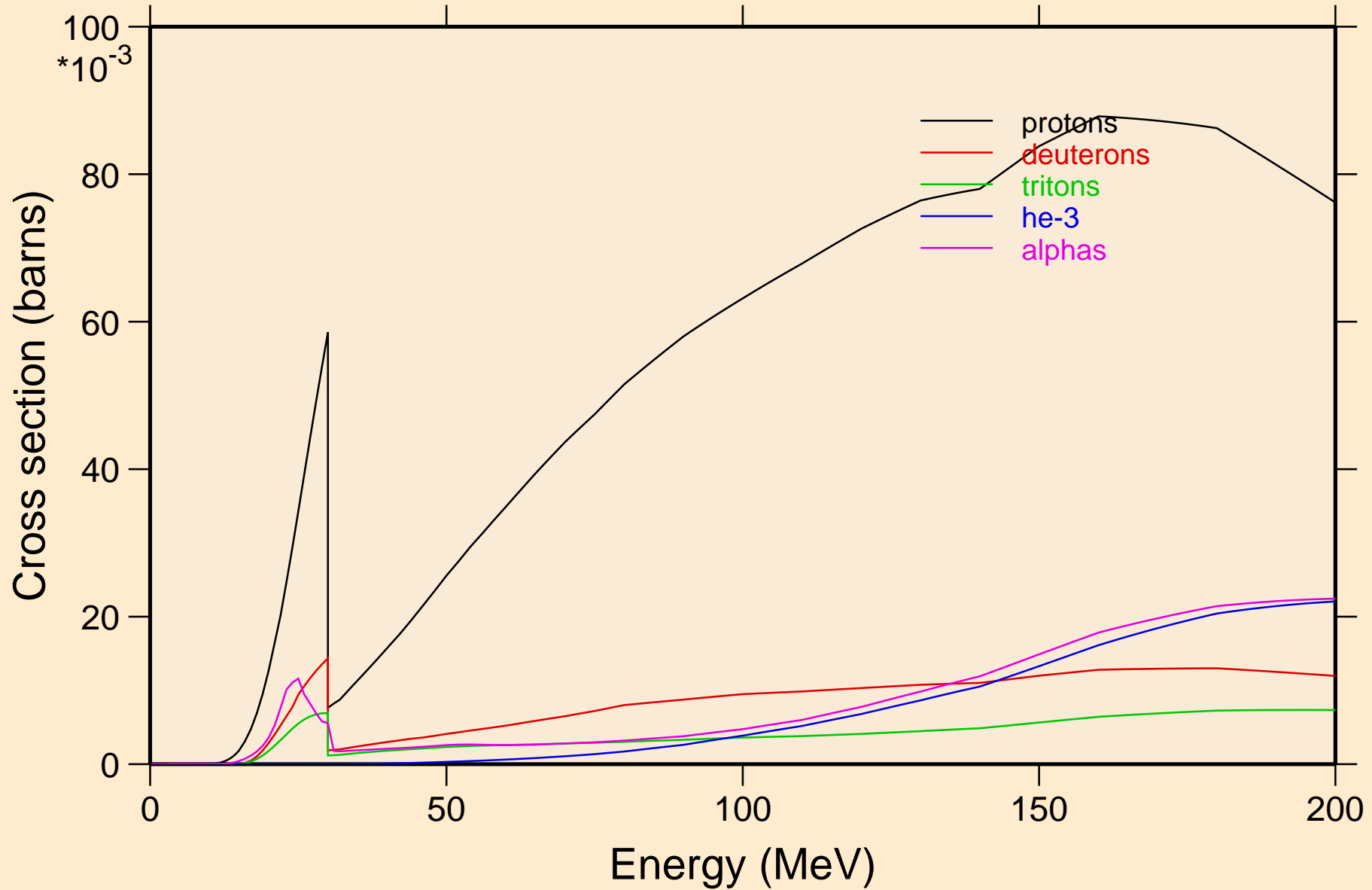


CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating

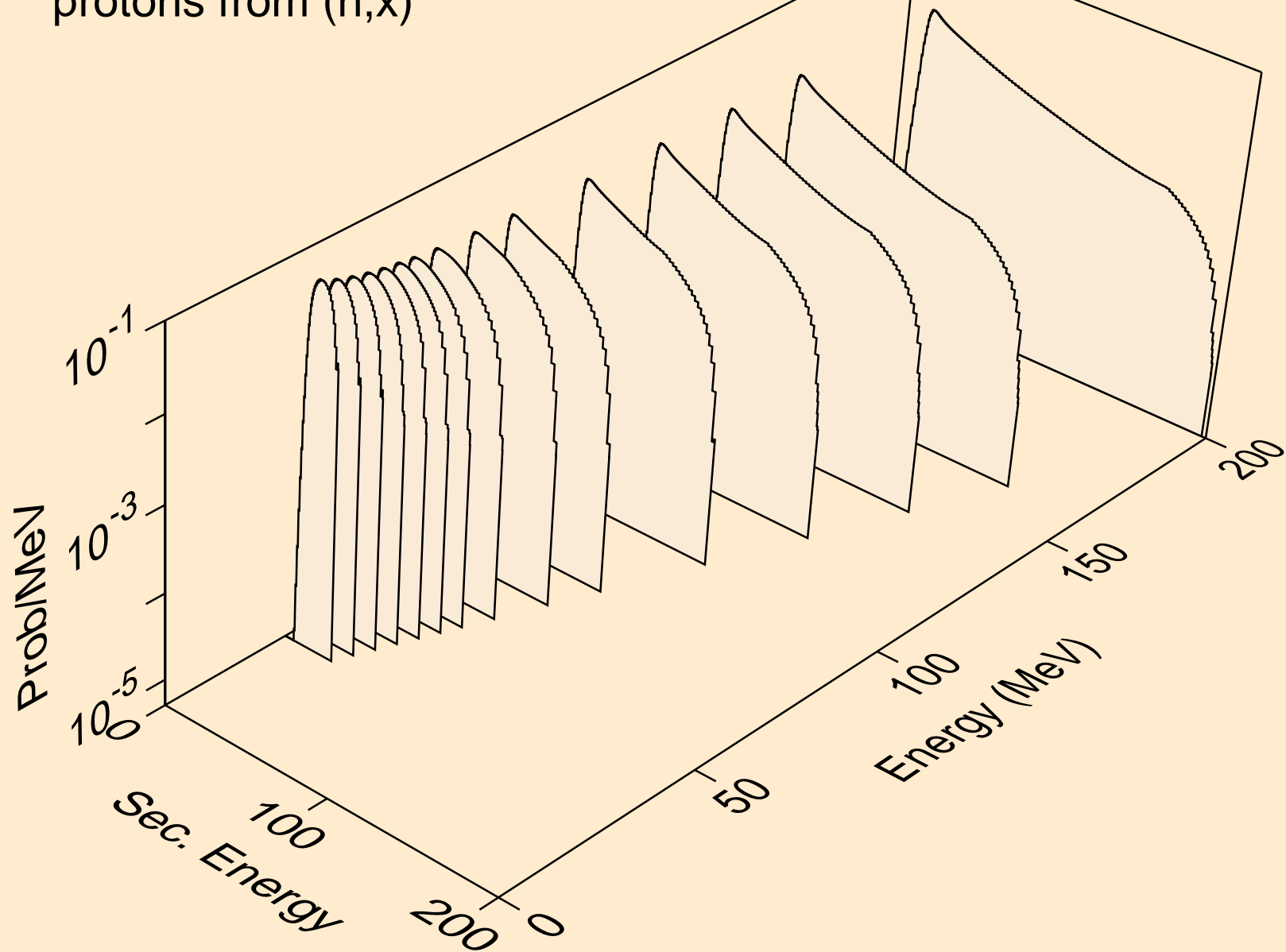


# CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

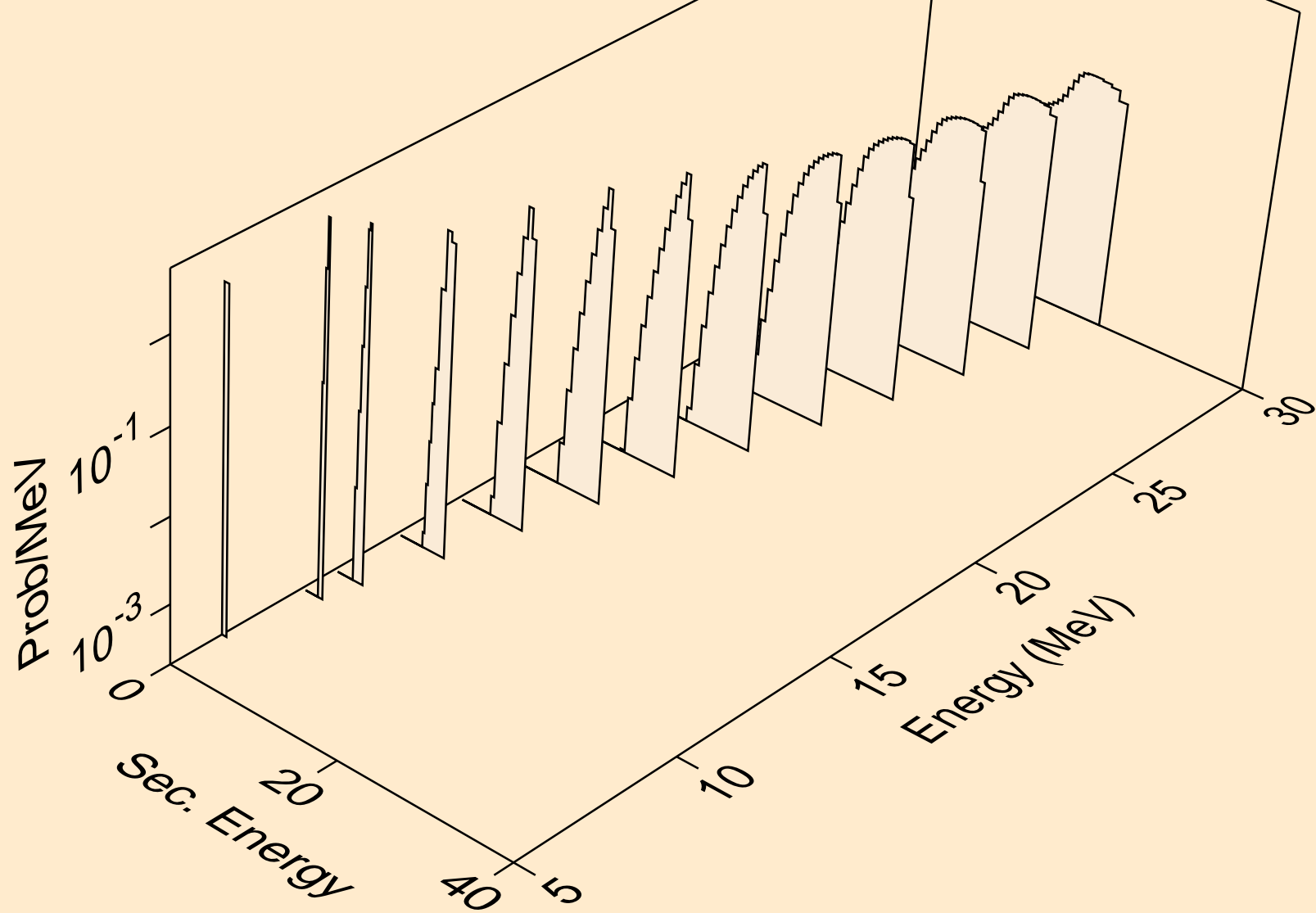
## Particle production cross sections



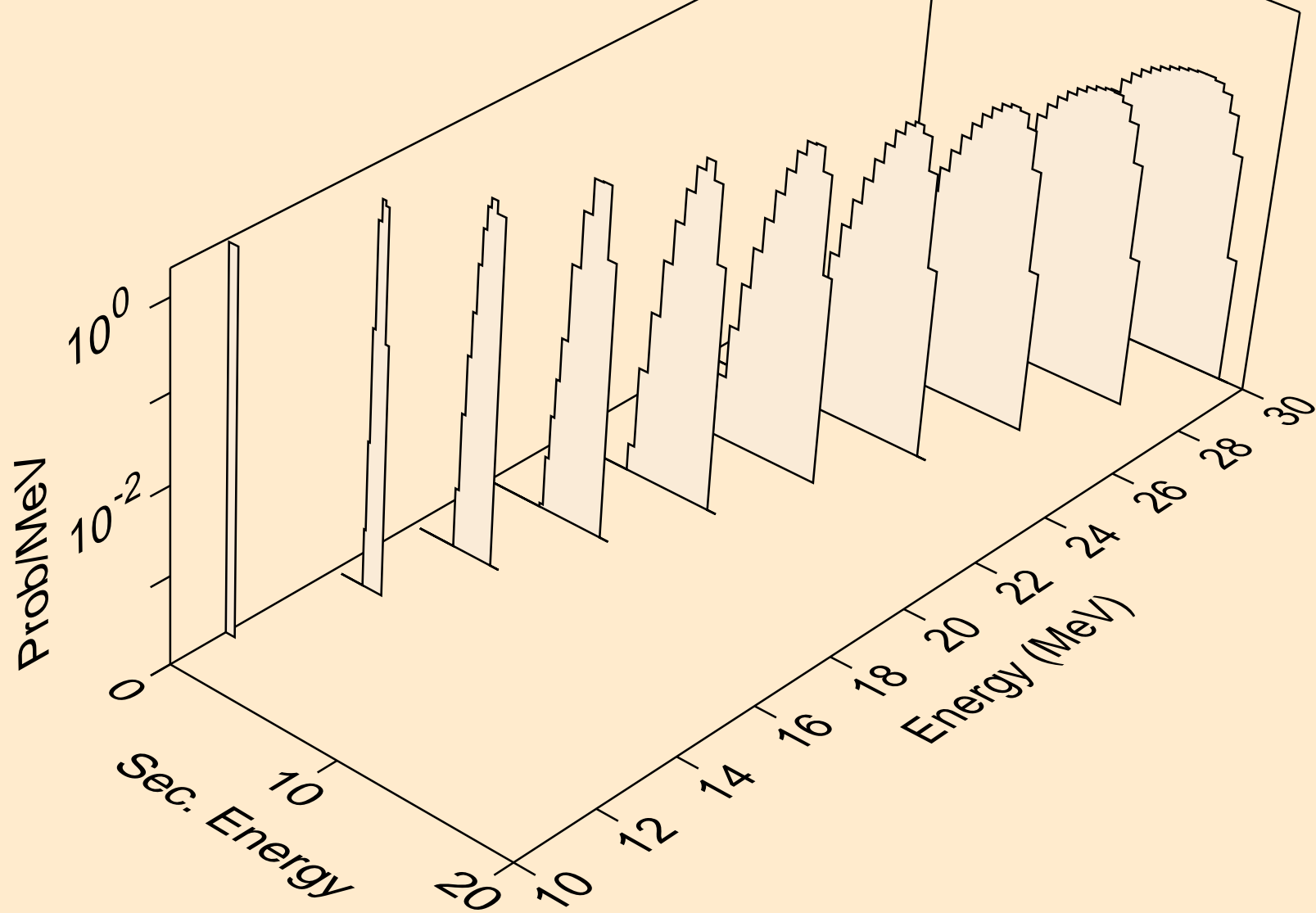
CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p

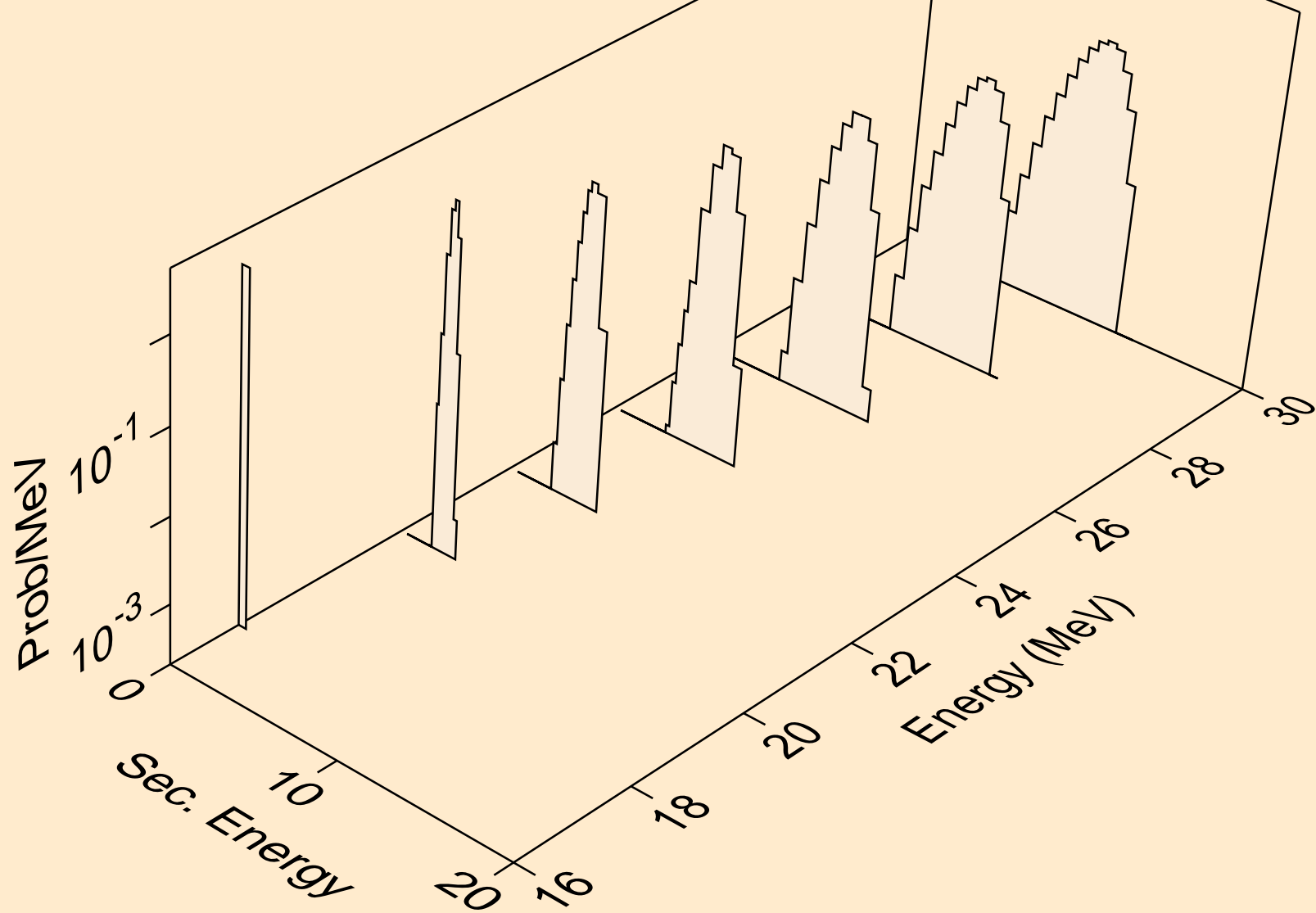


CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)

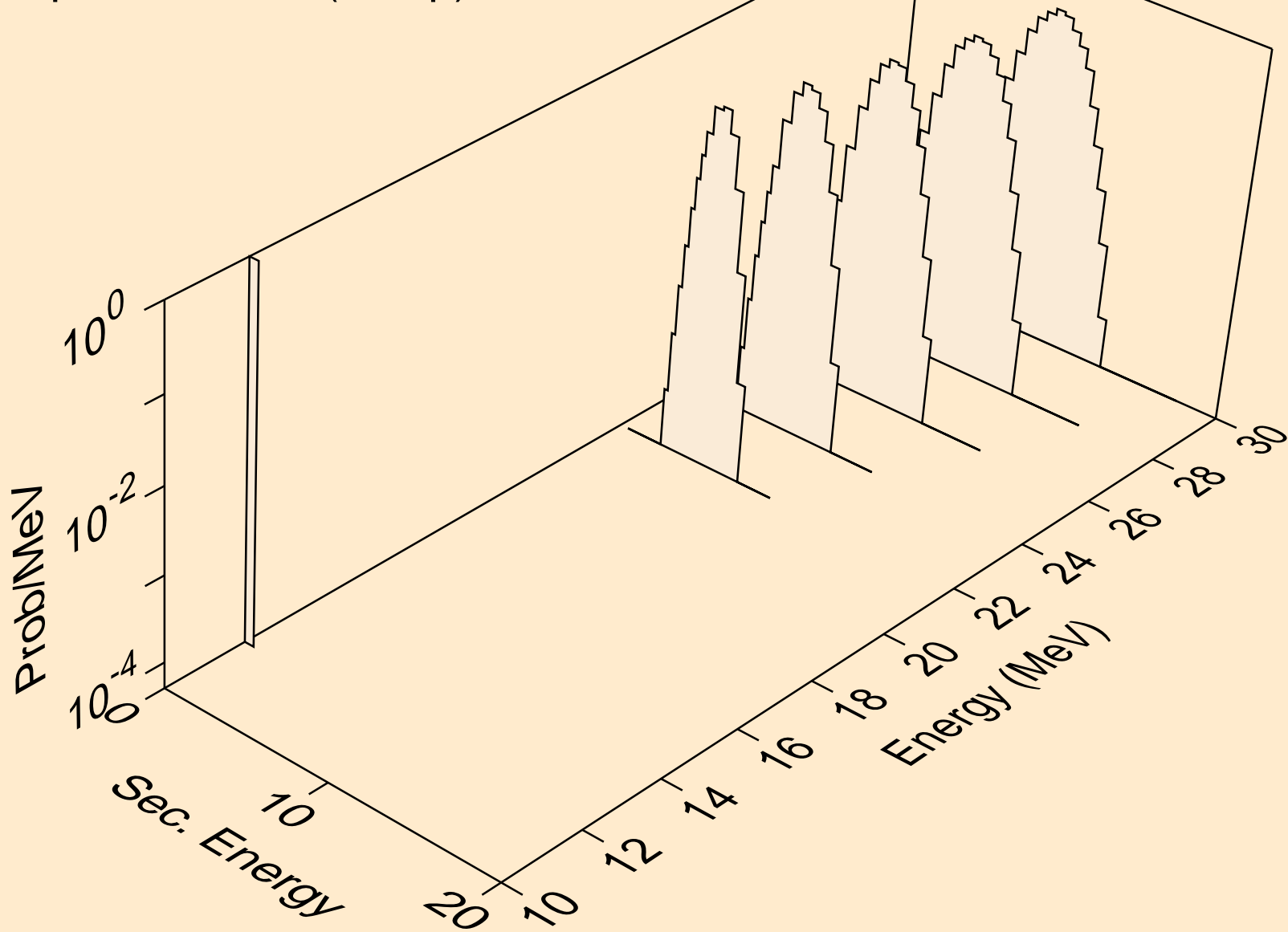




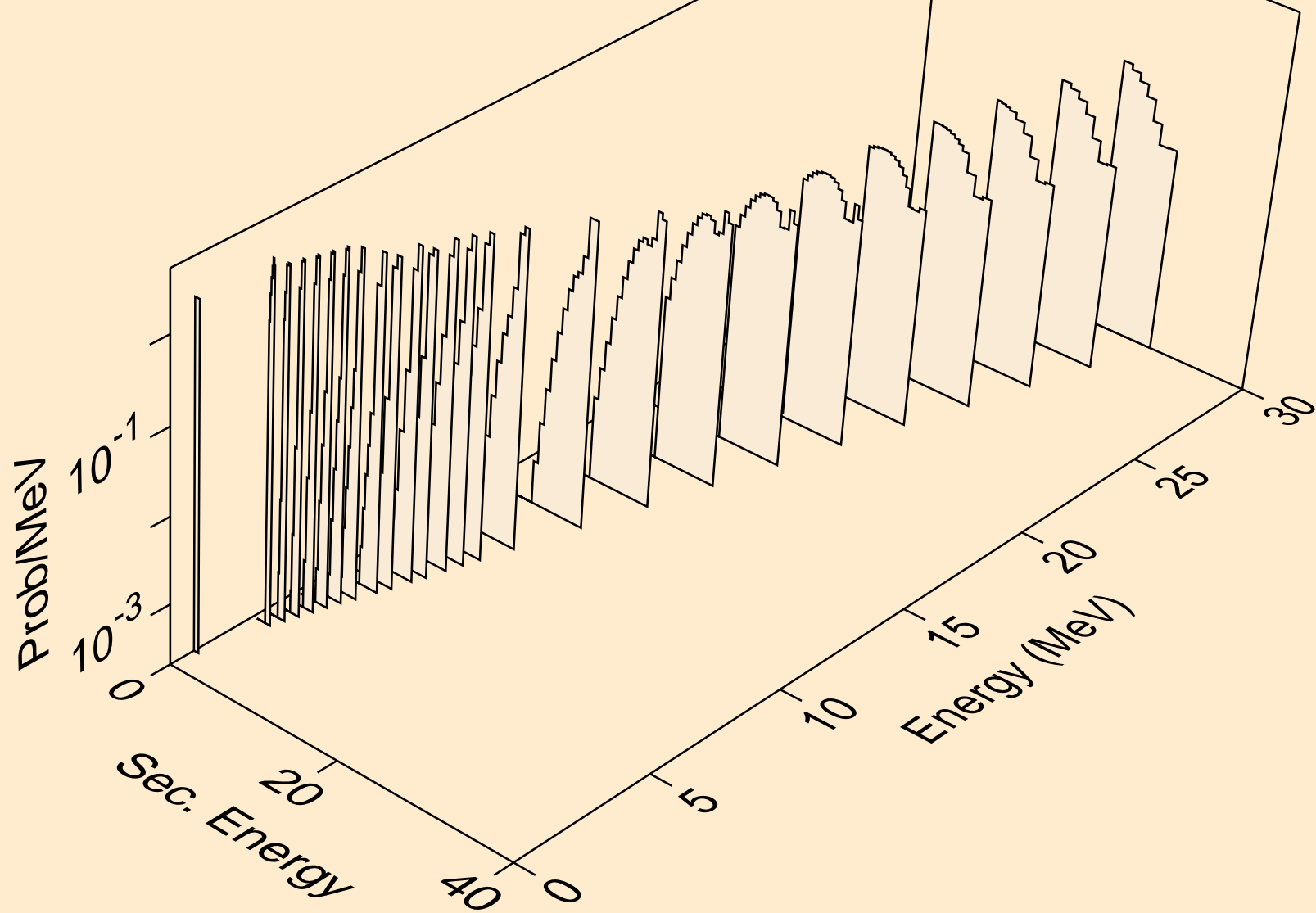
CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)



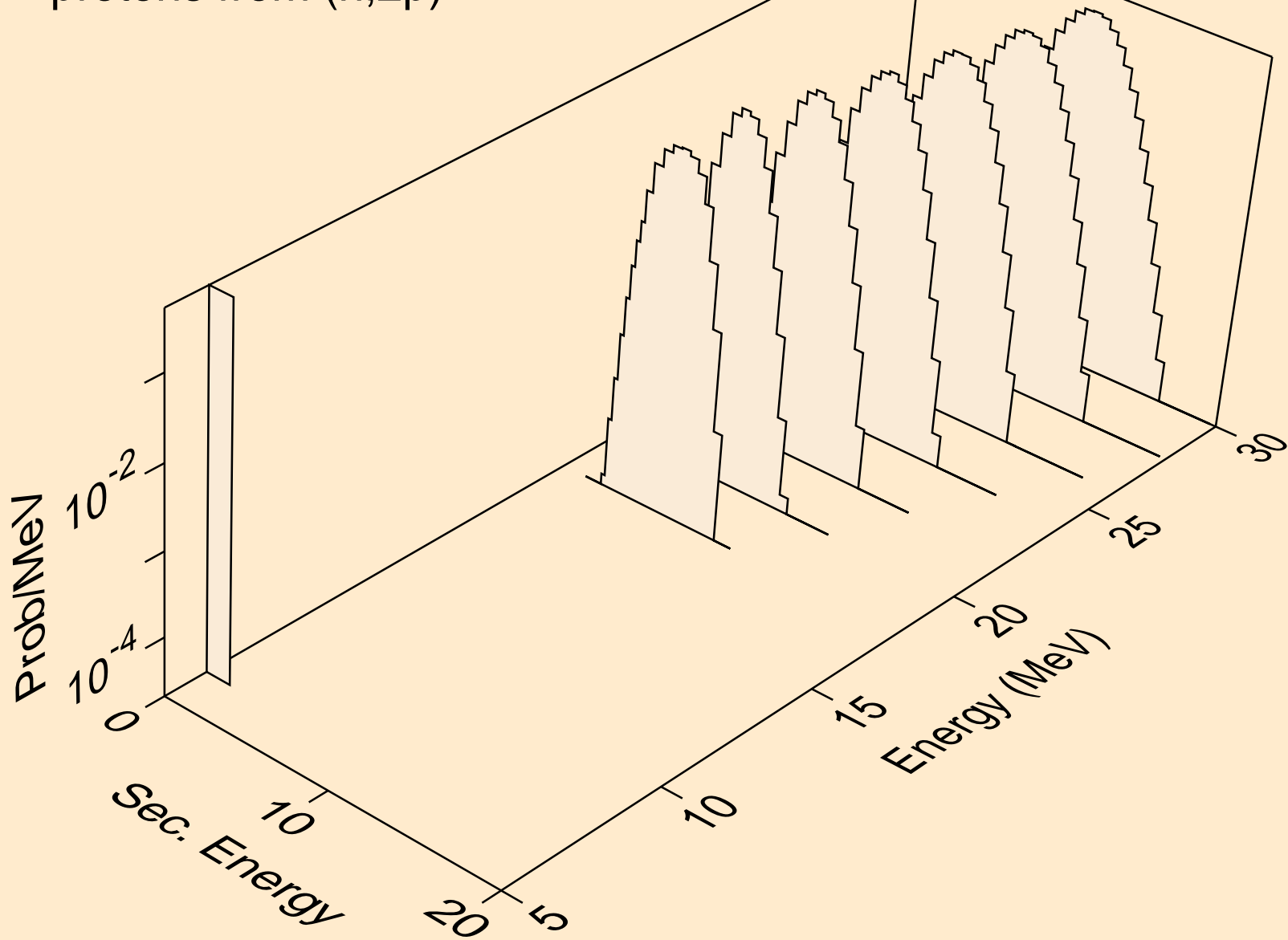
CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n2p)



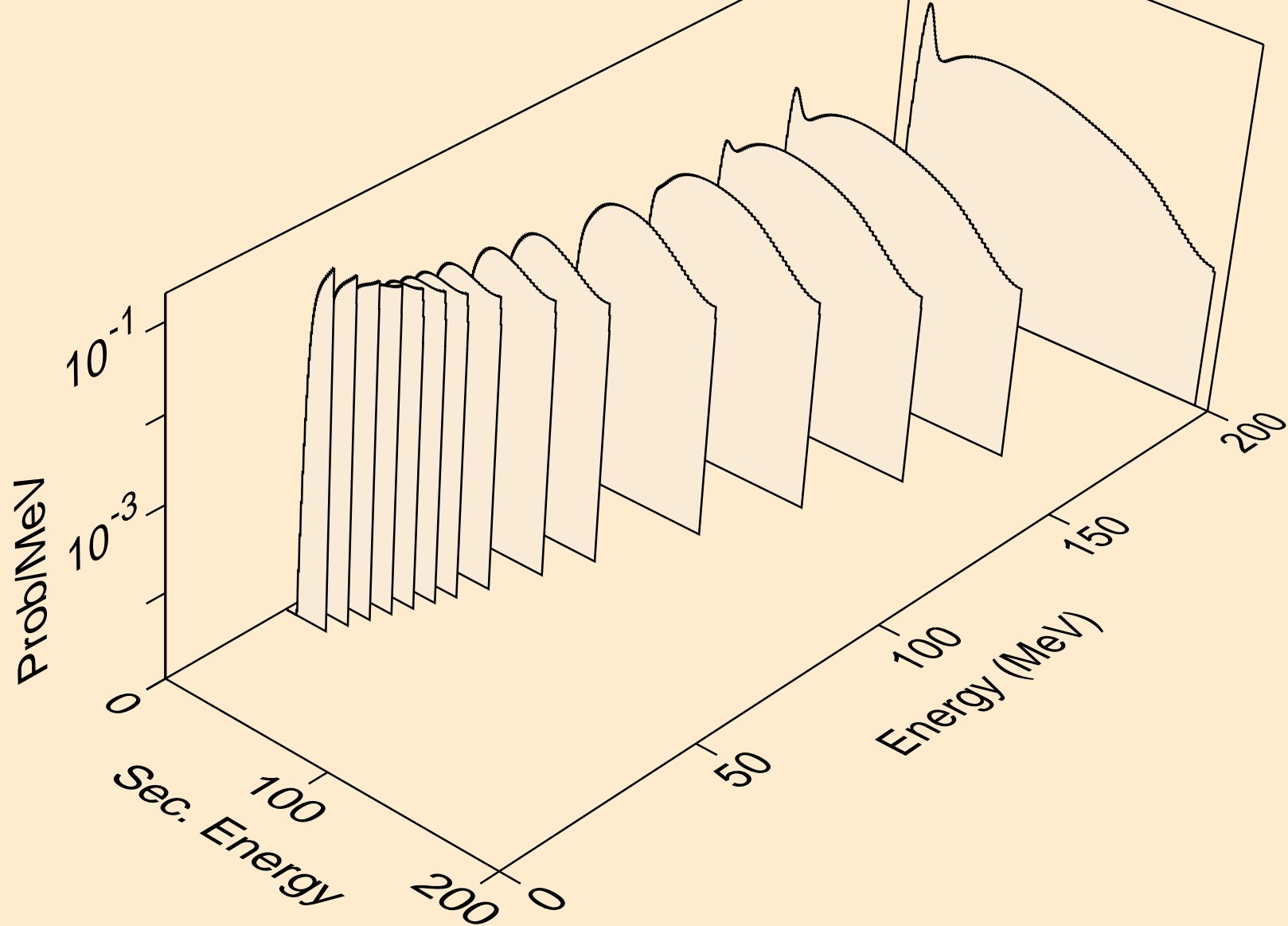
CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)



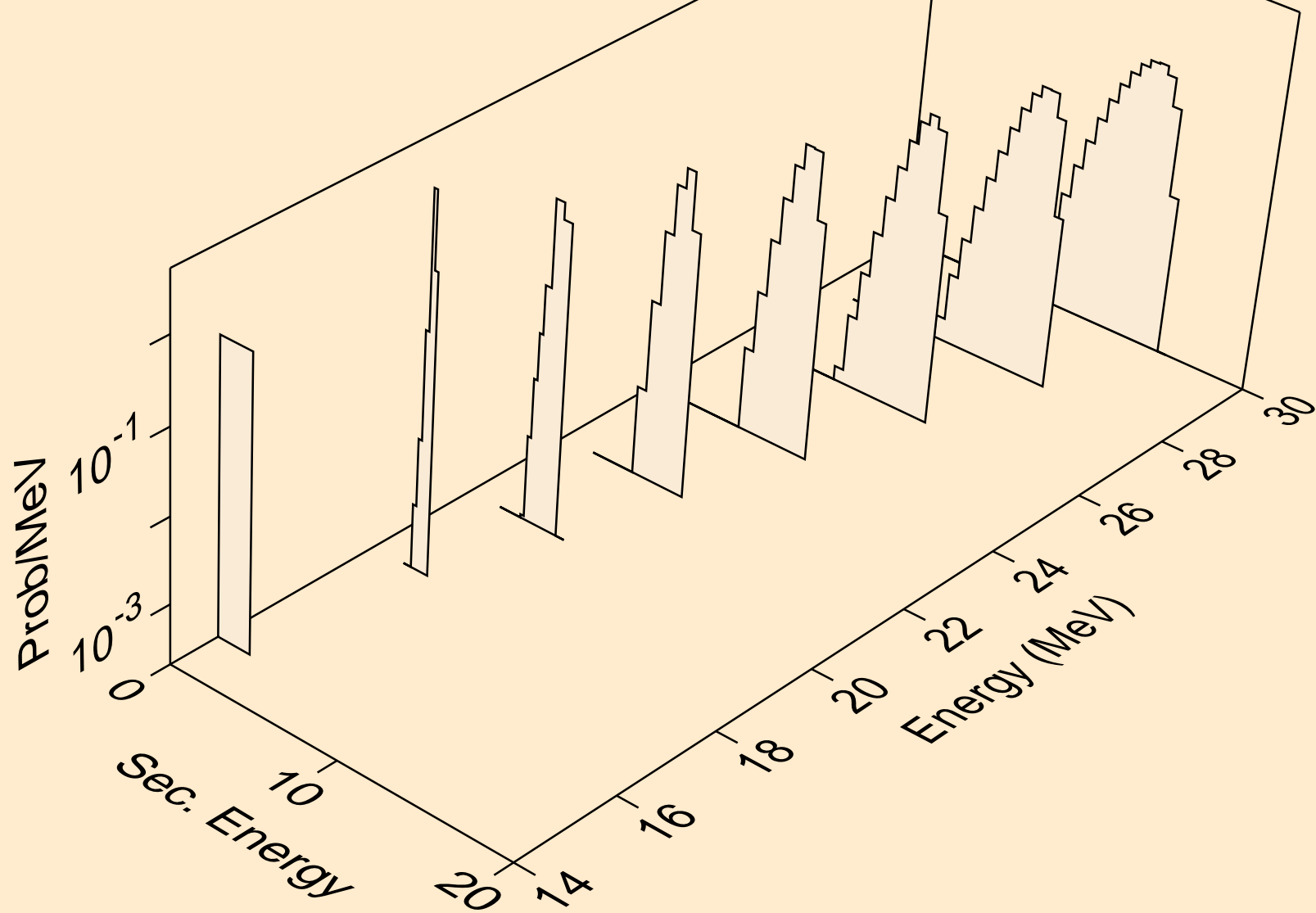
CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2p)



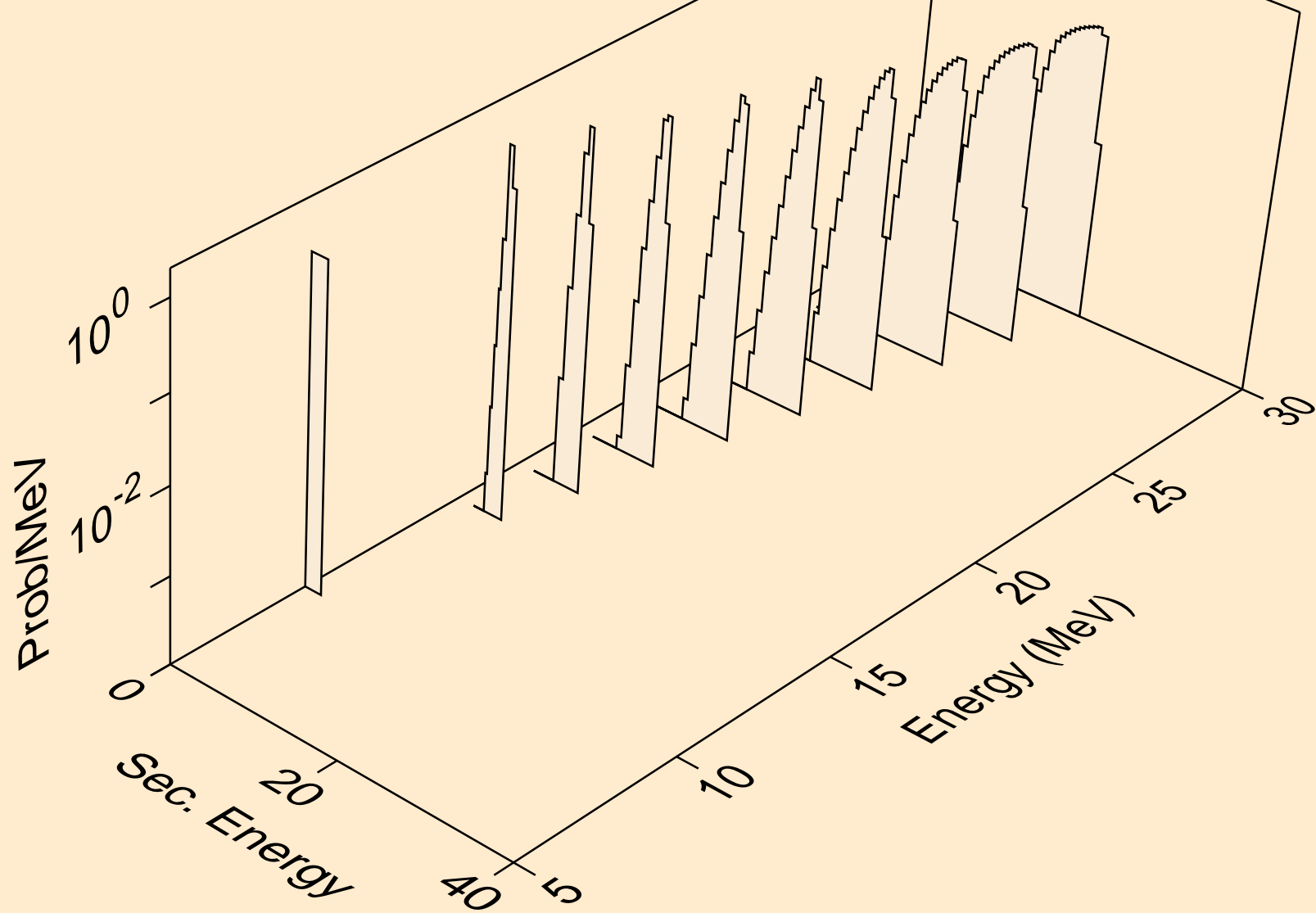
CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)



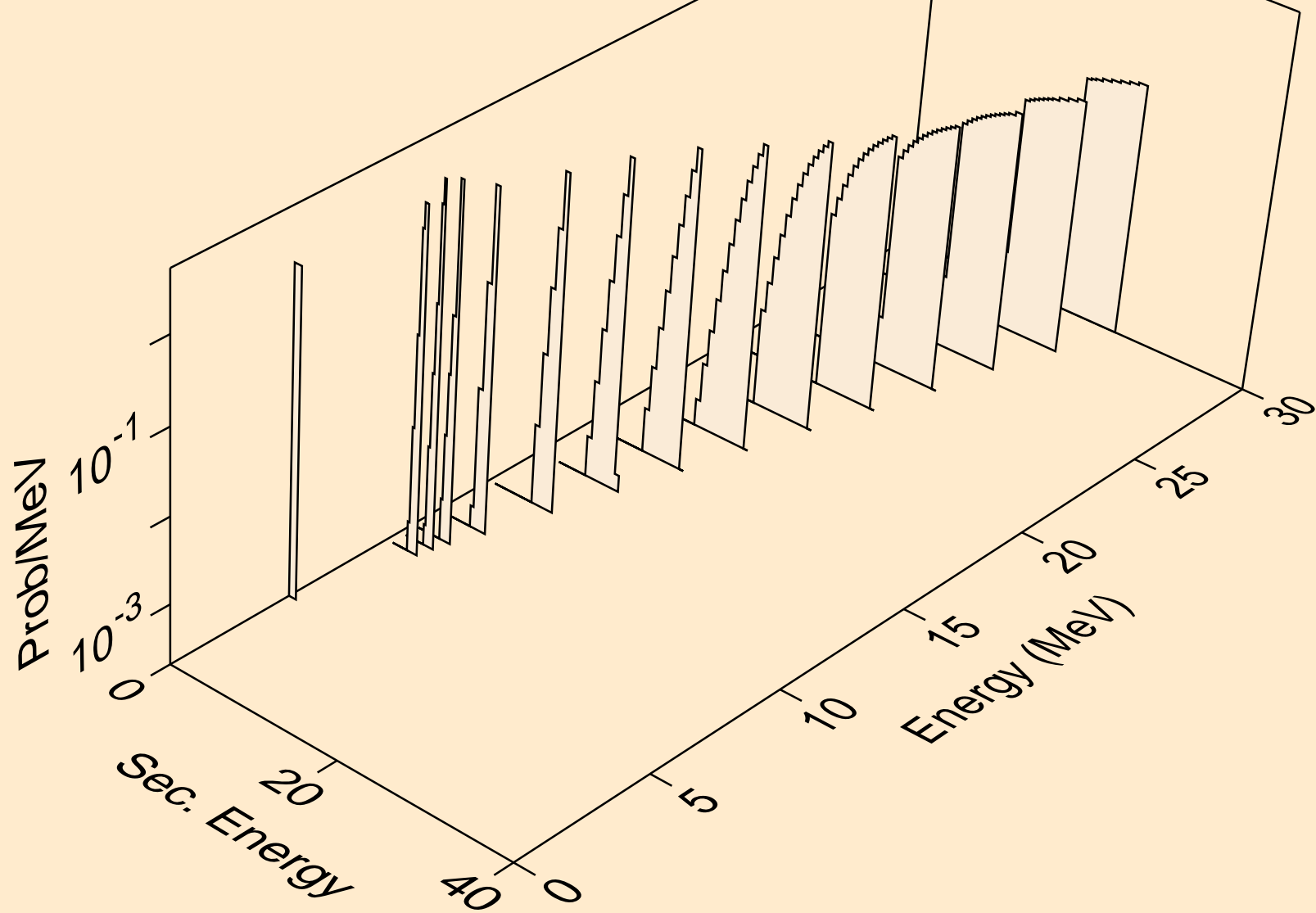
CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,2nd)



CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d

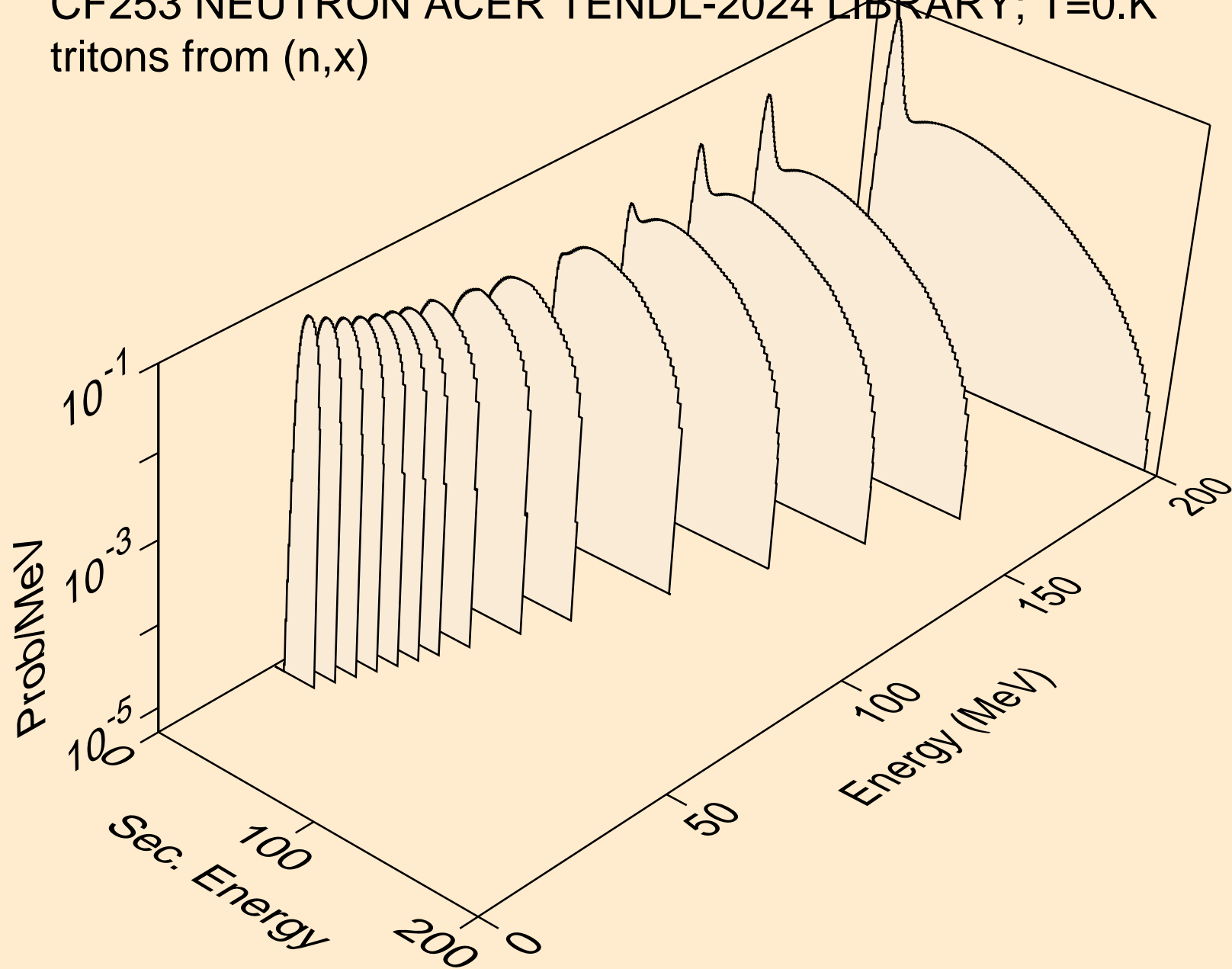


CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,d)

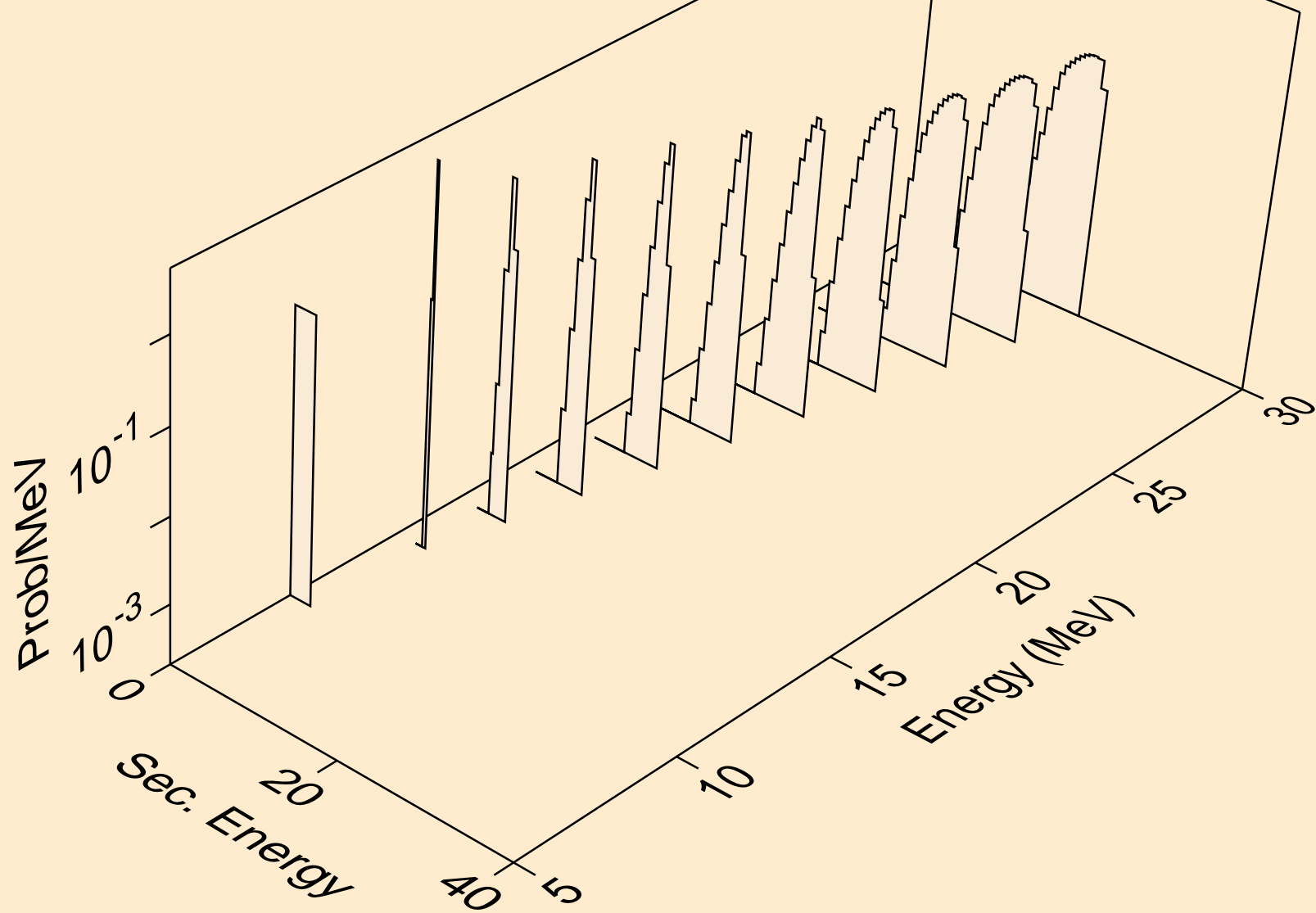




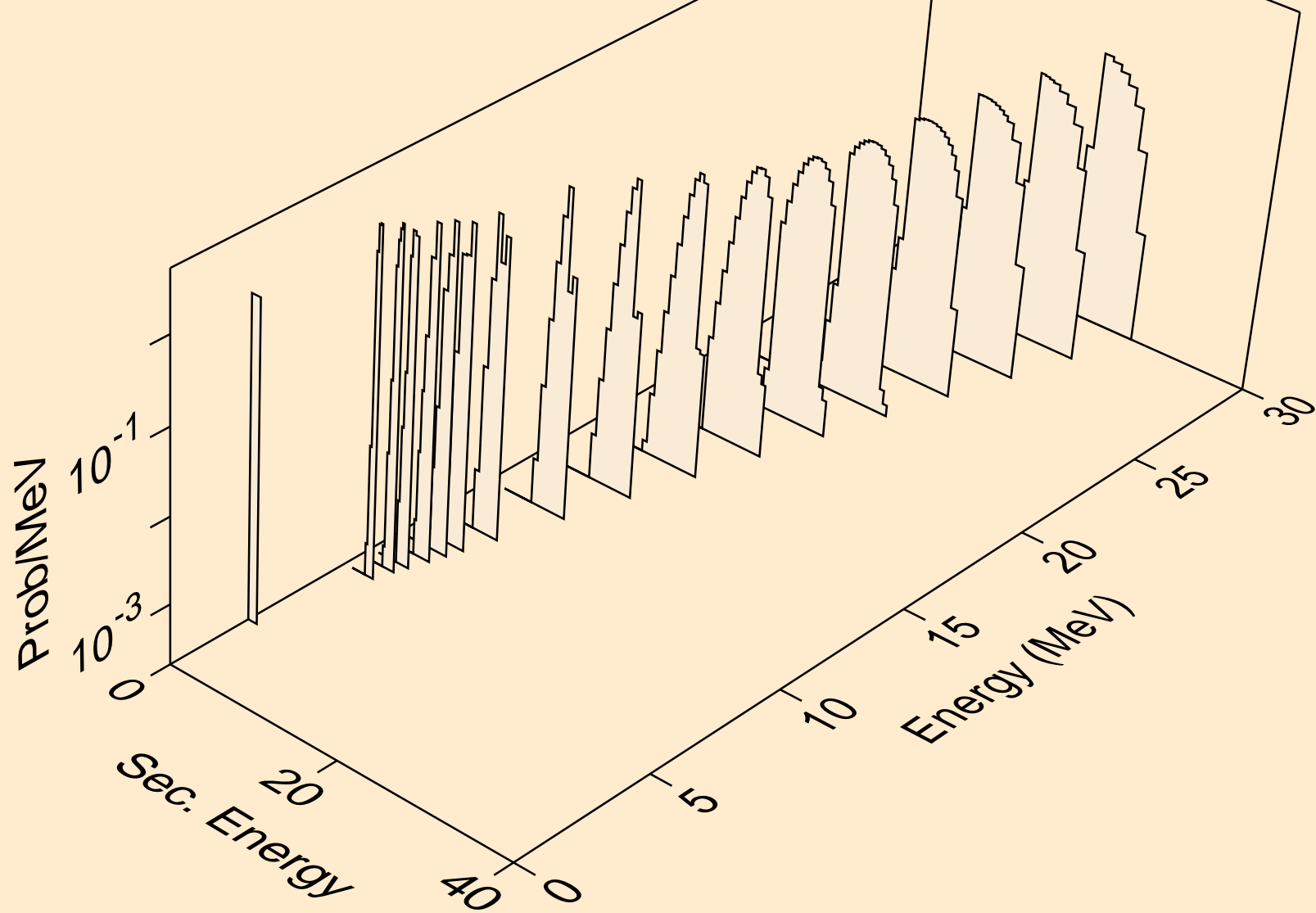
CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)



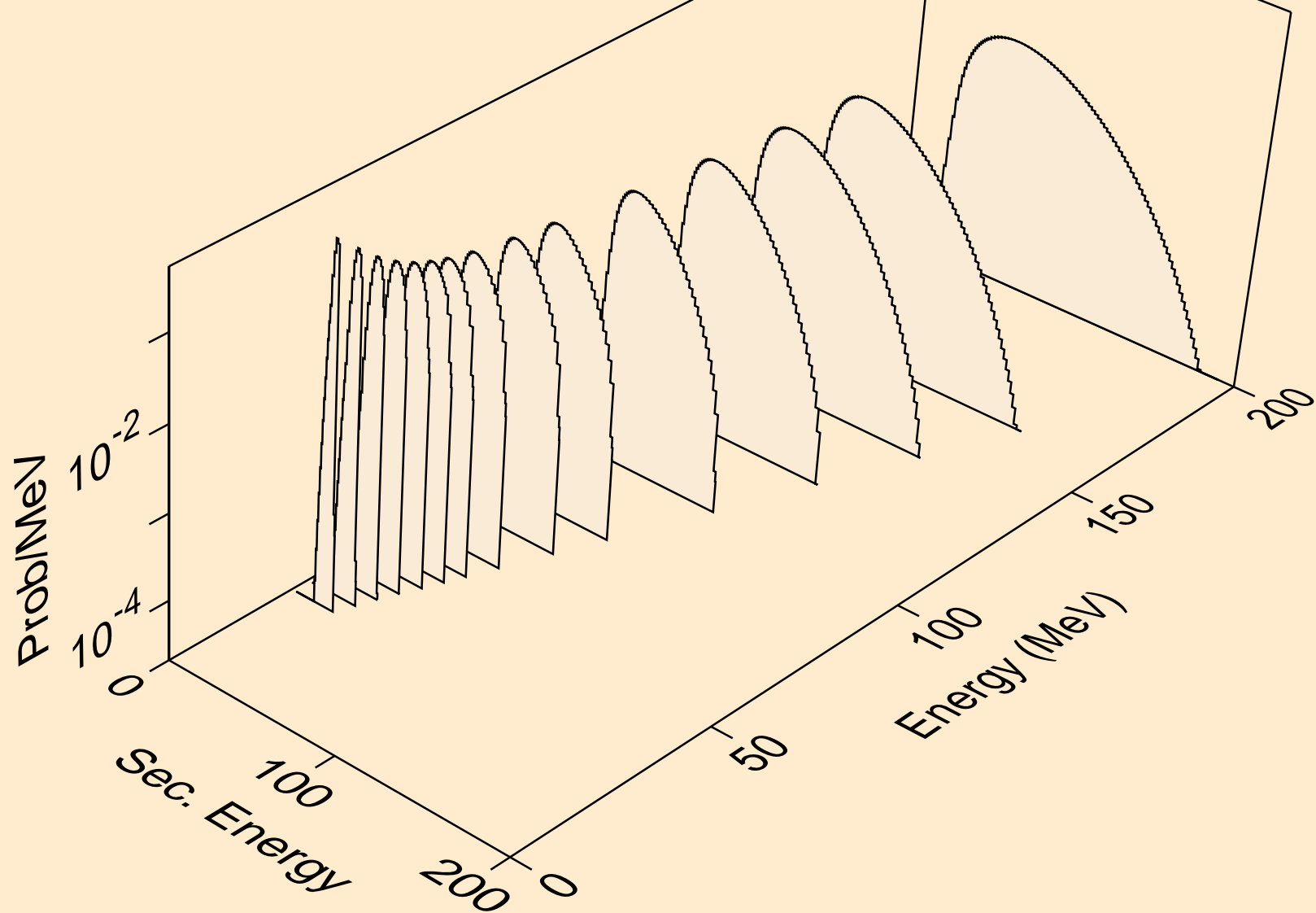
CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



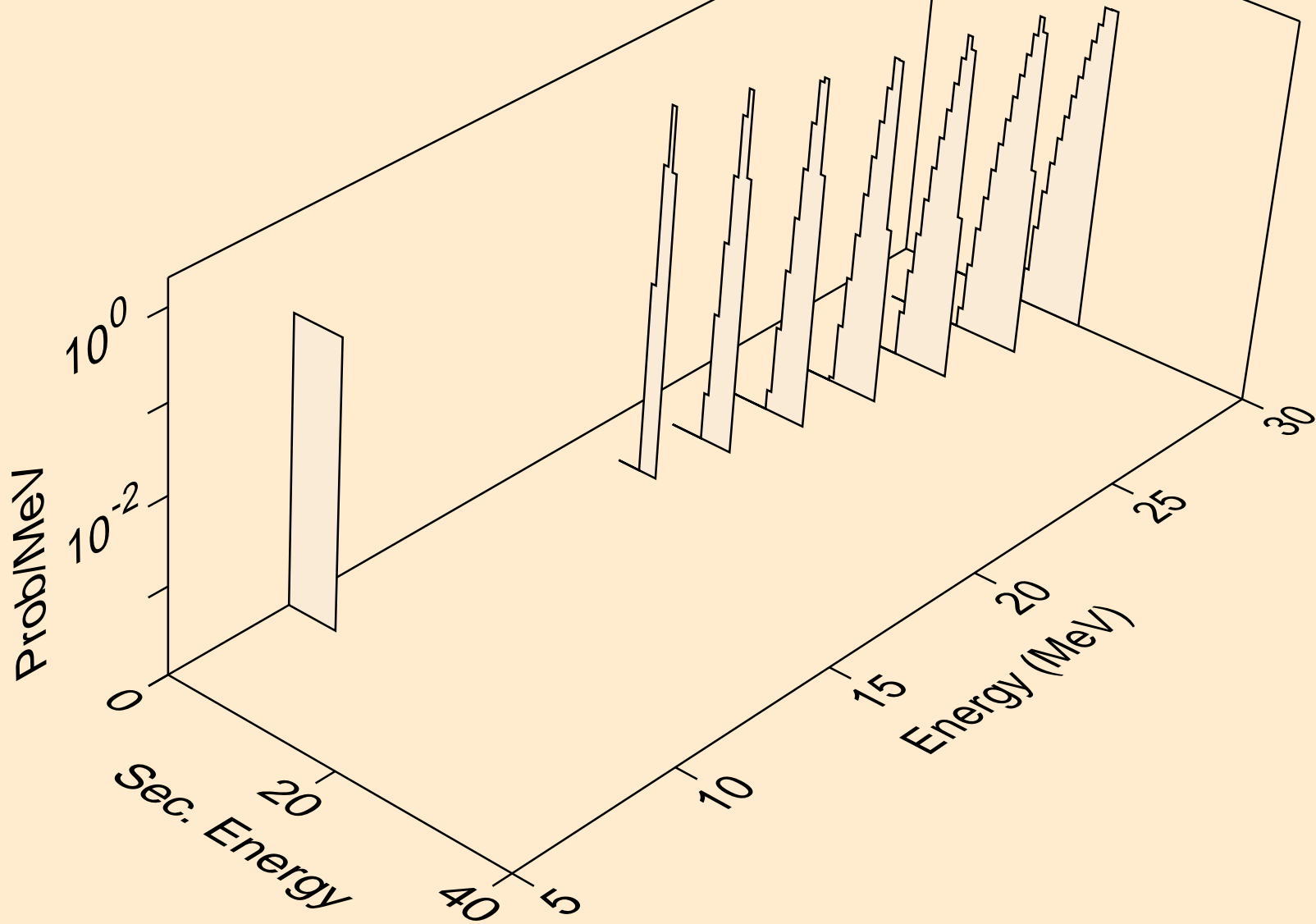
CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)



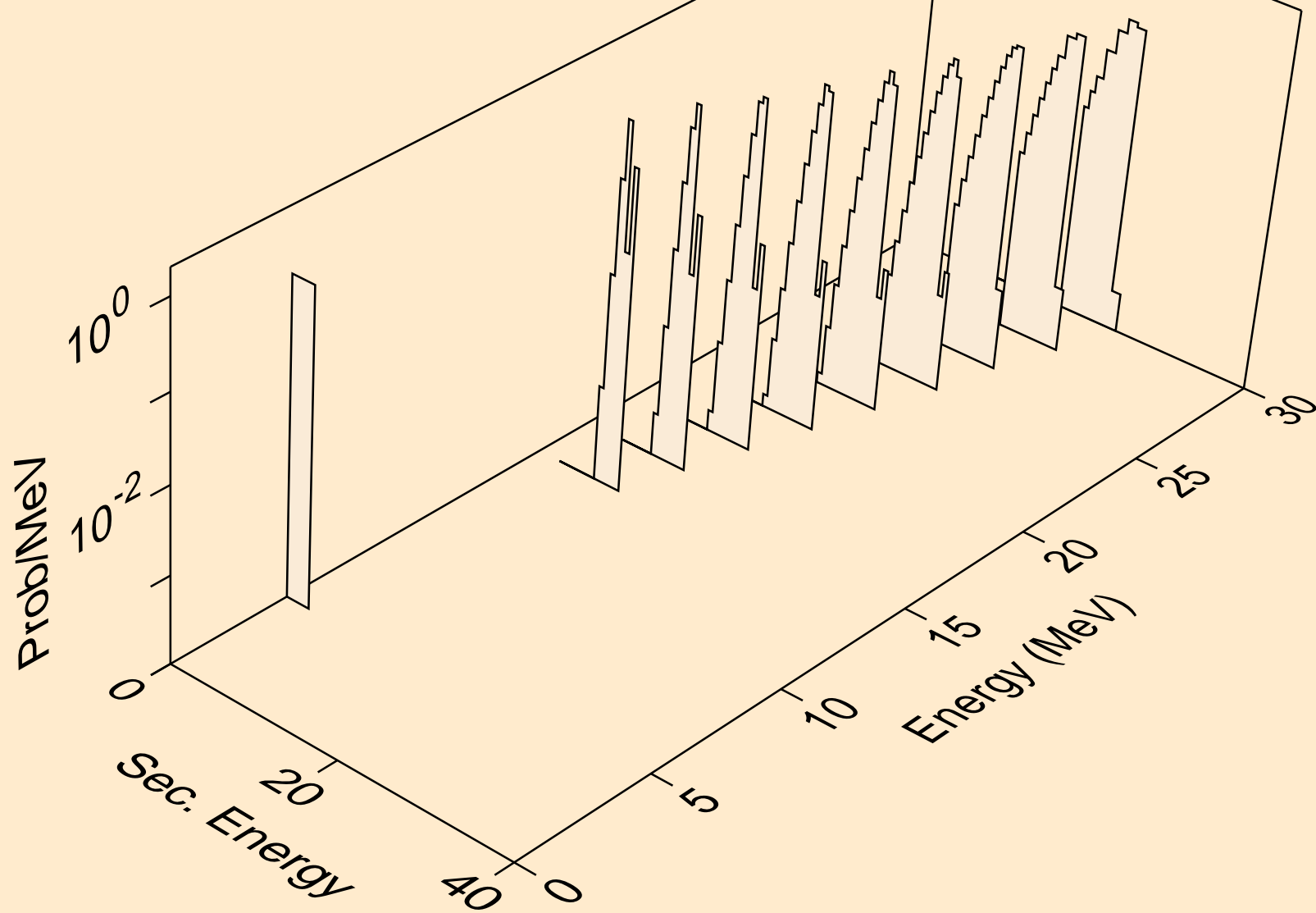
CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



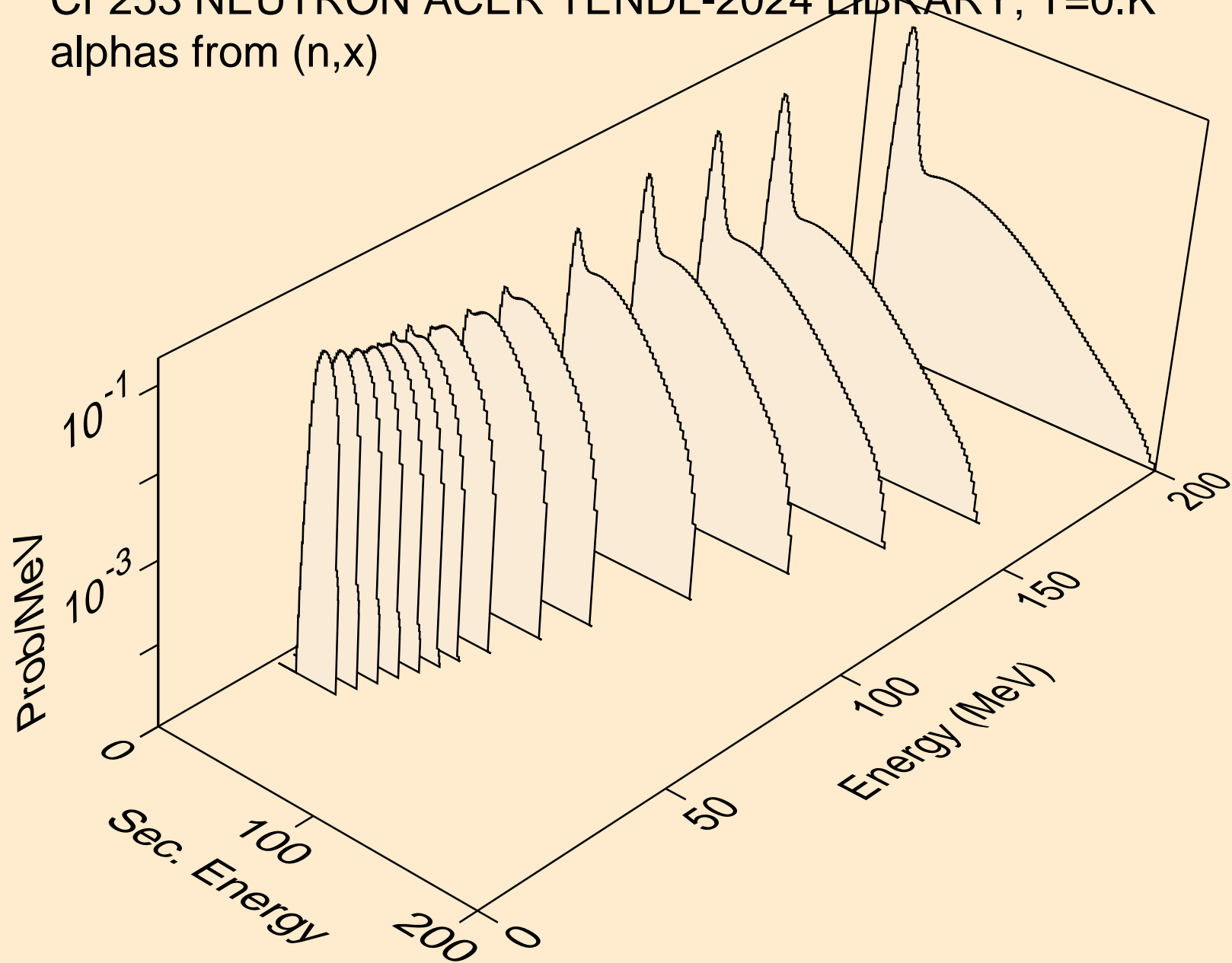
CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



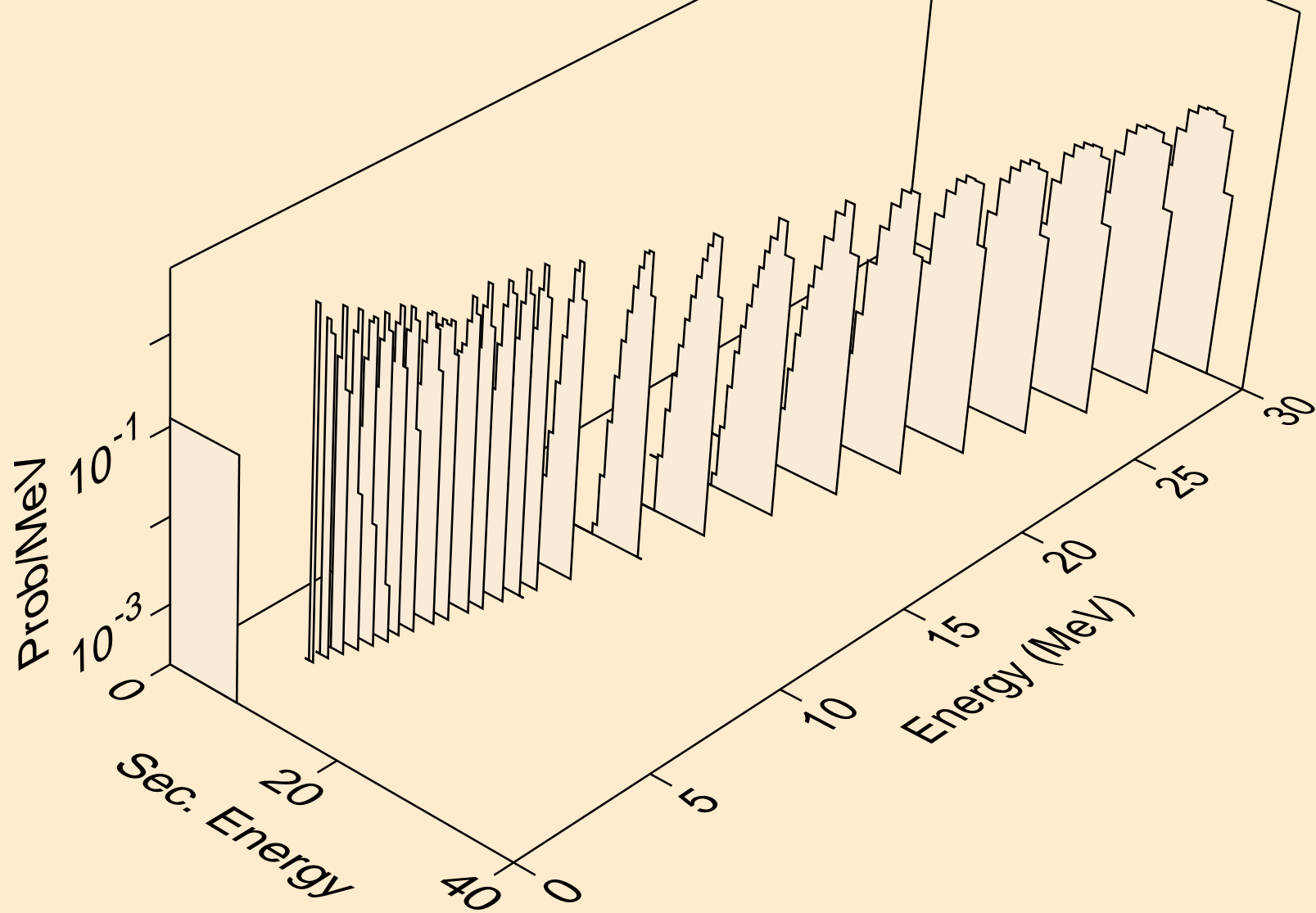
CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)



CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)

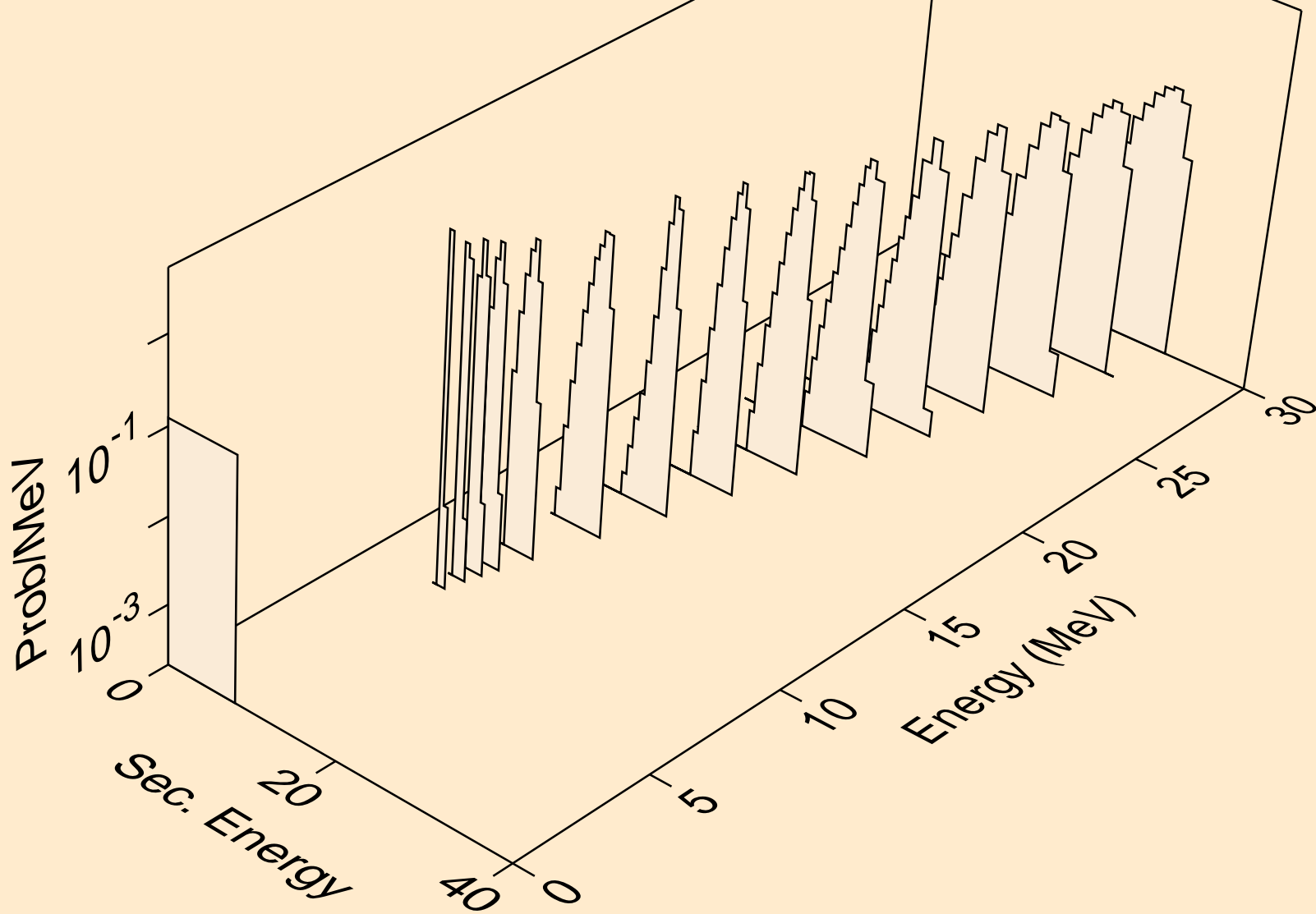


CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a

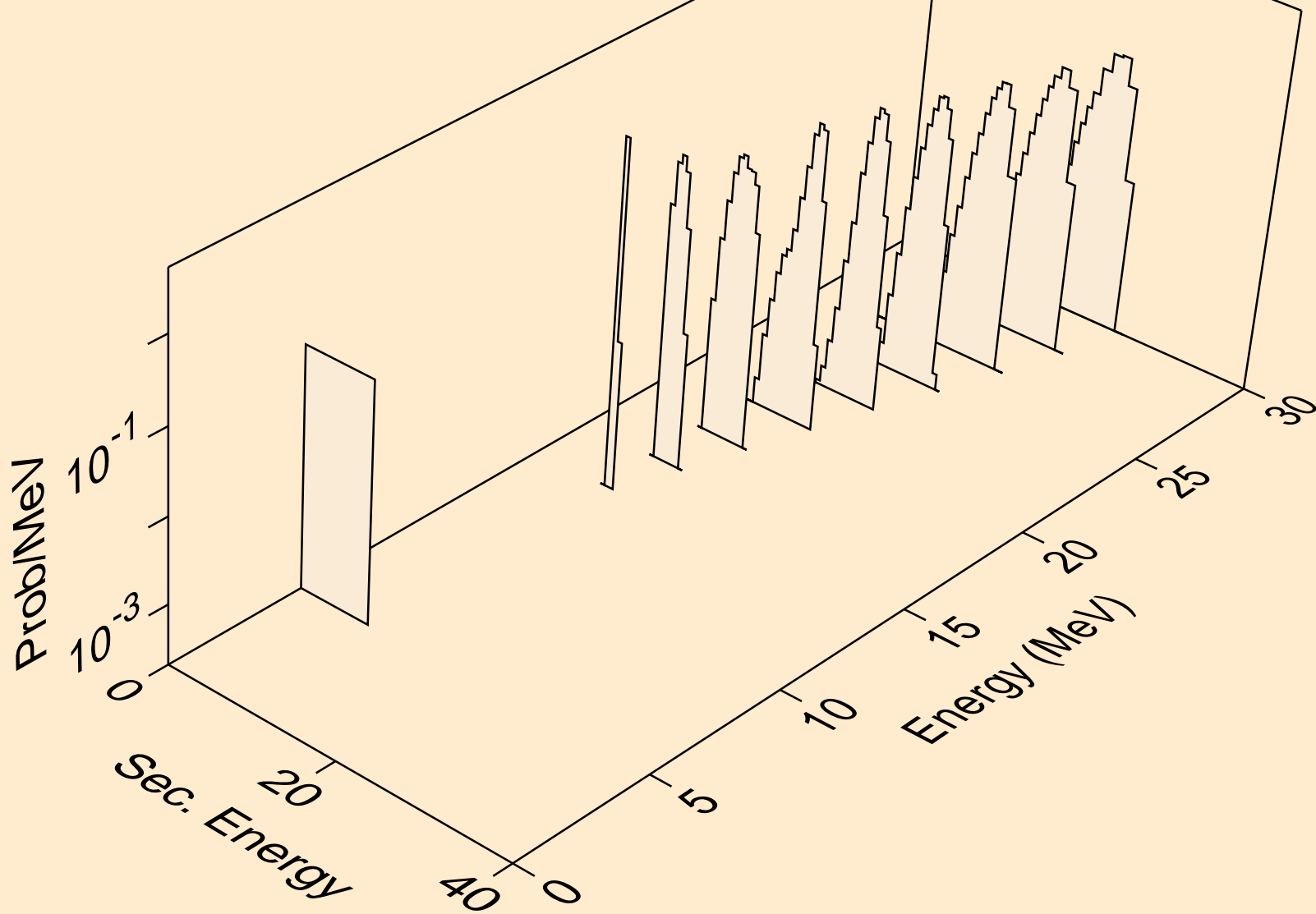




CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



CF253 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)

