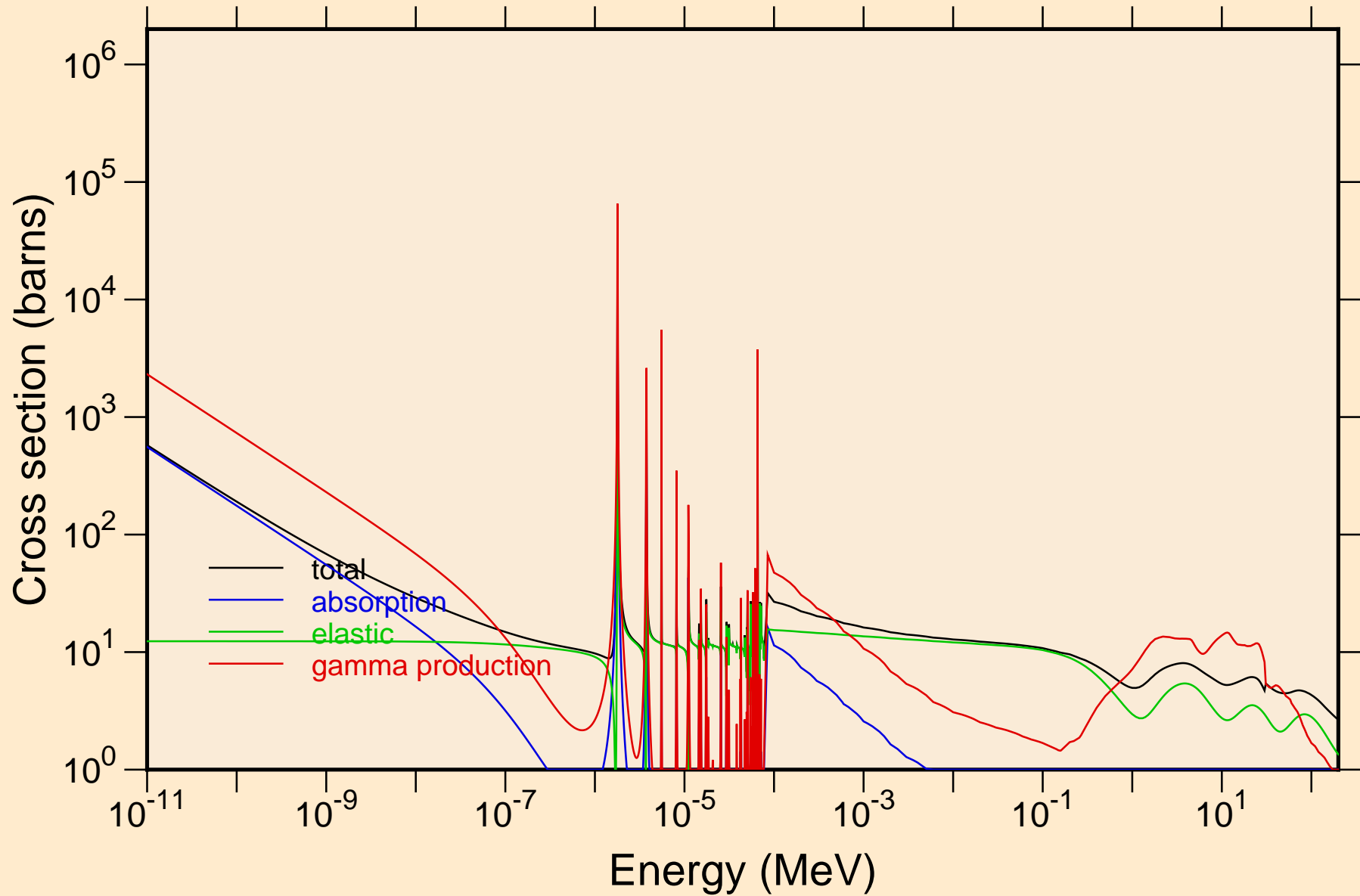
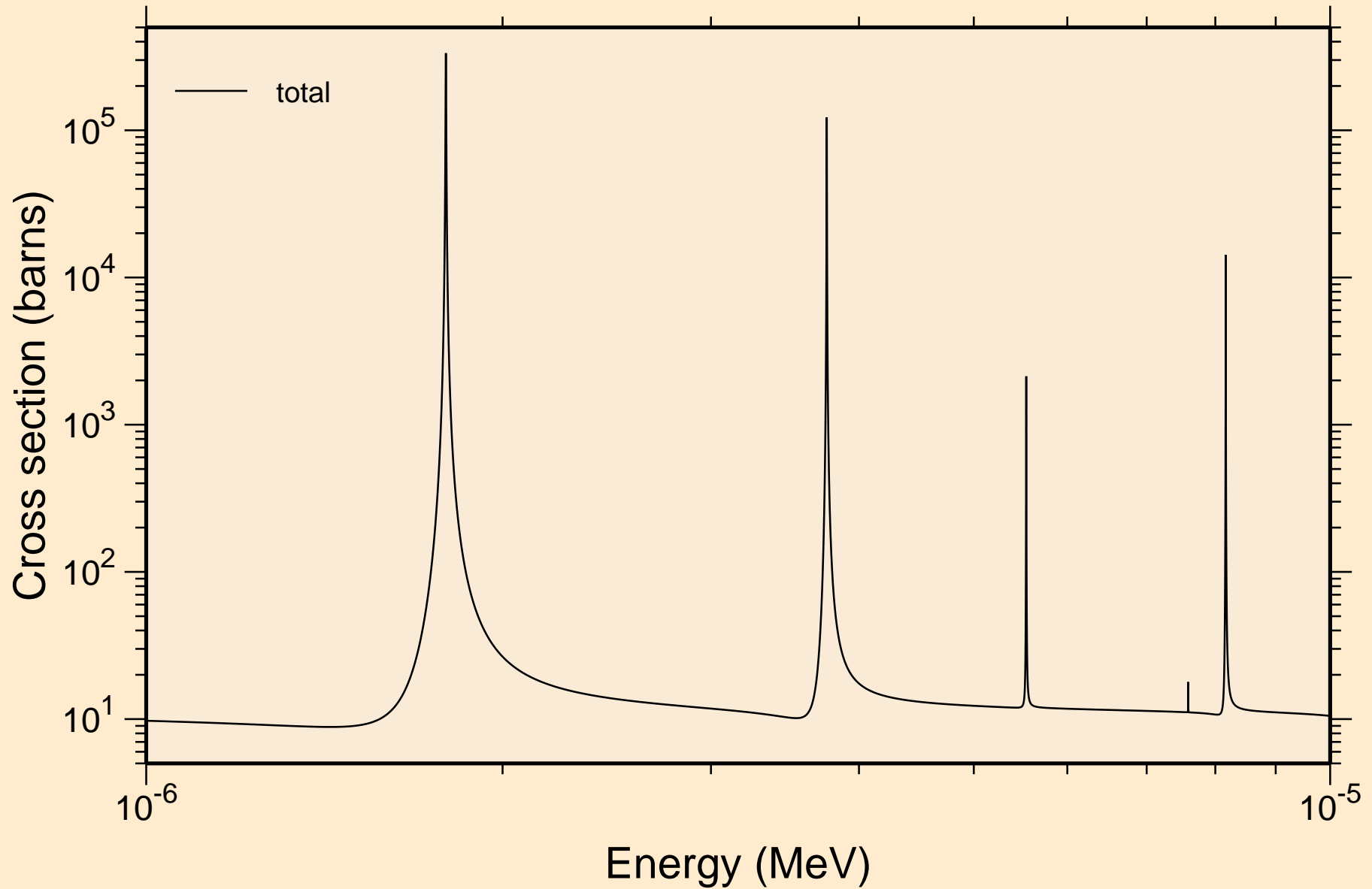


# FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

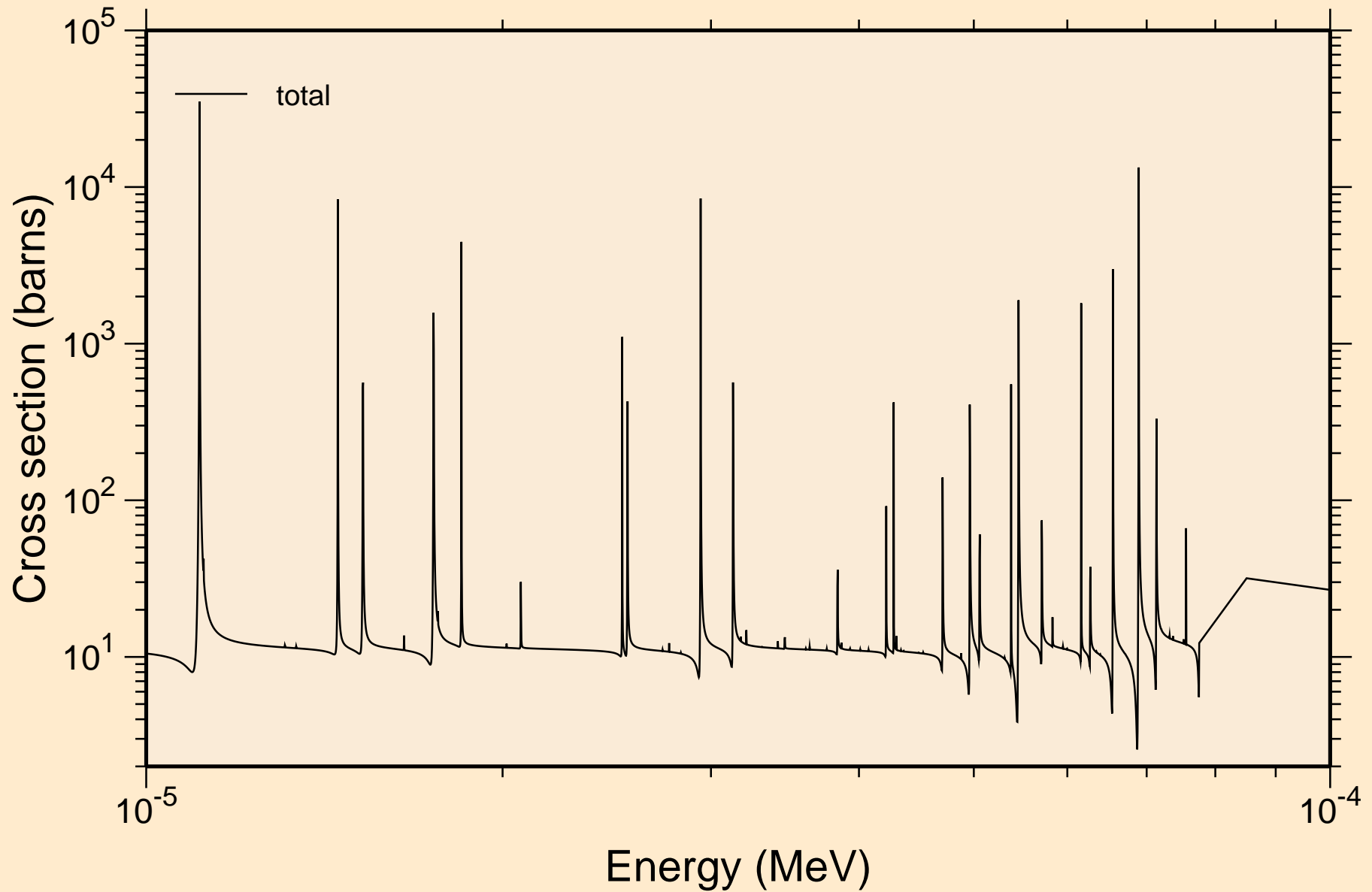
## Principal cross sections



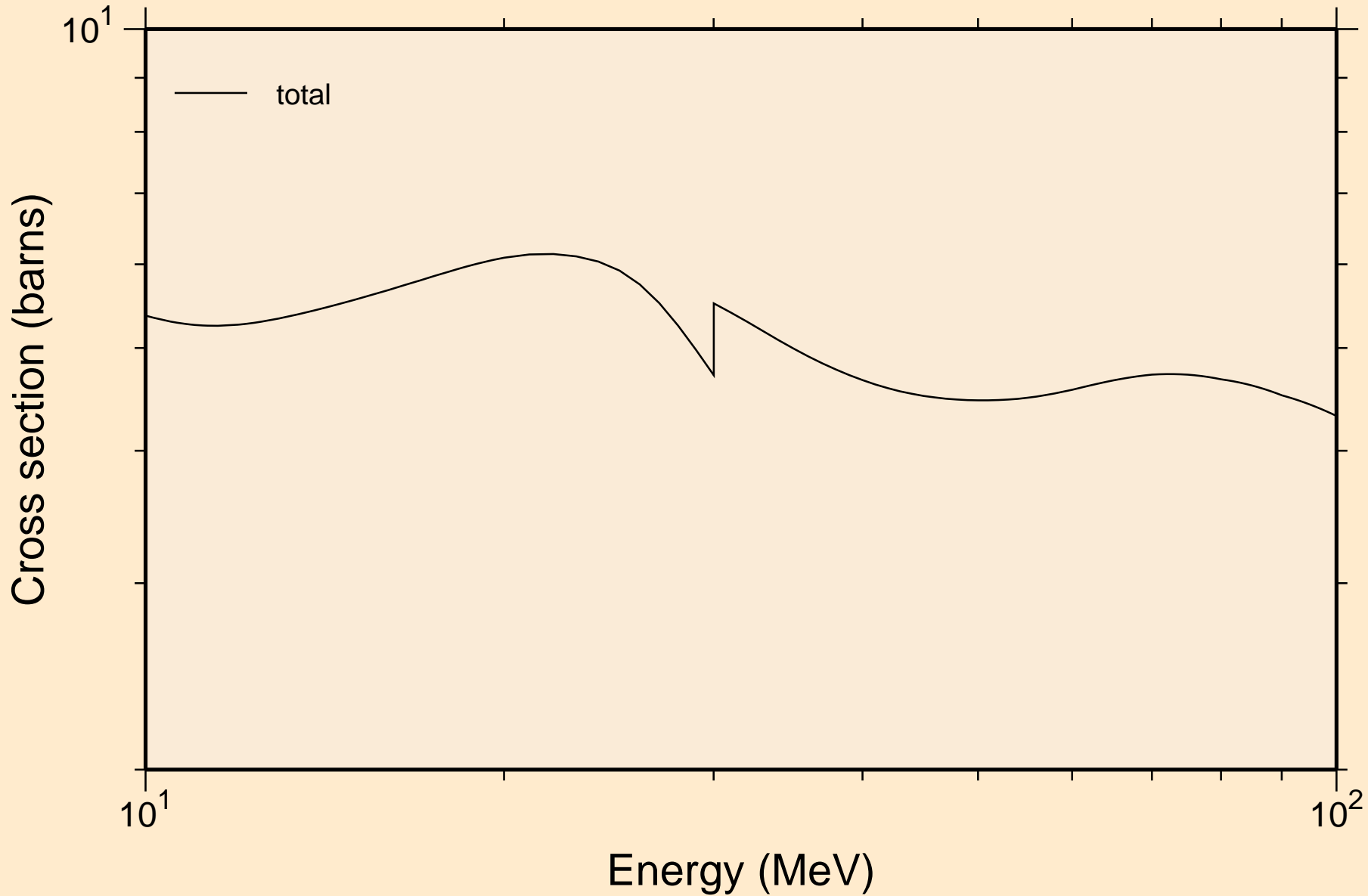
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



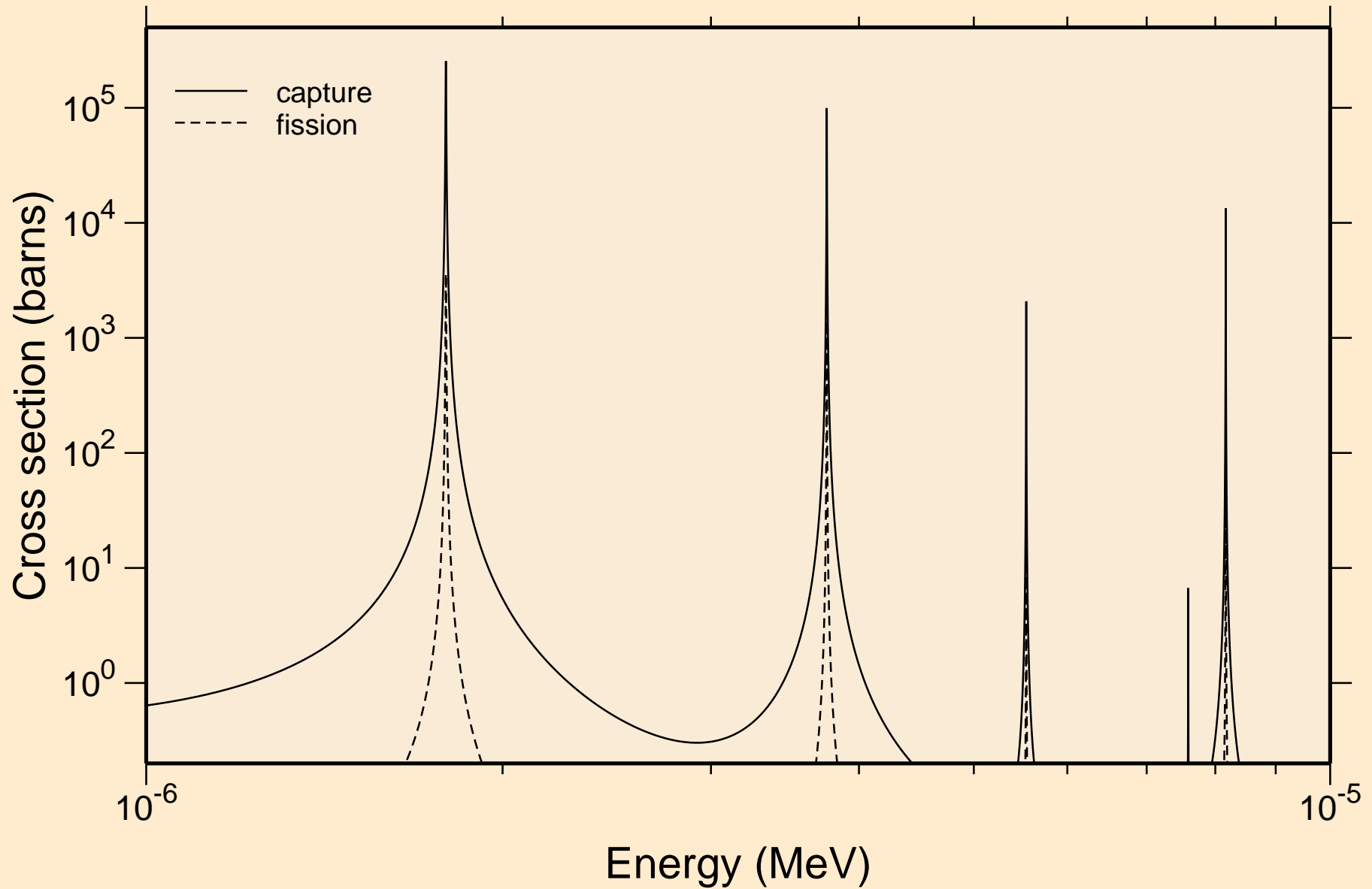
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



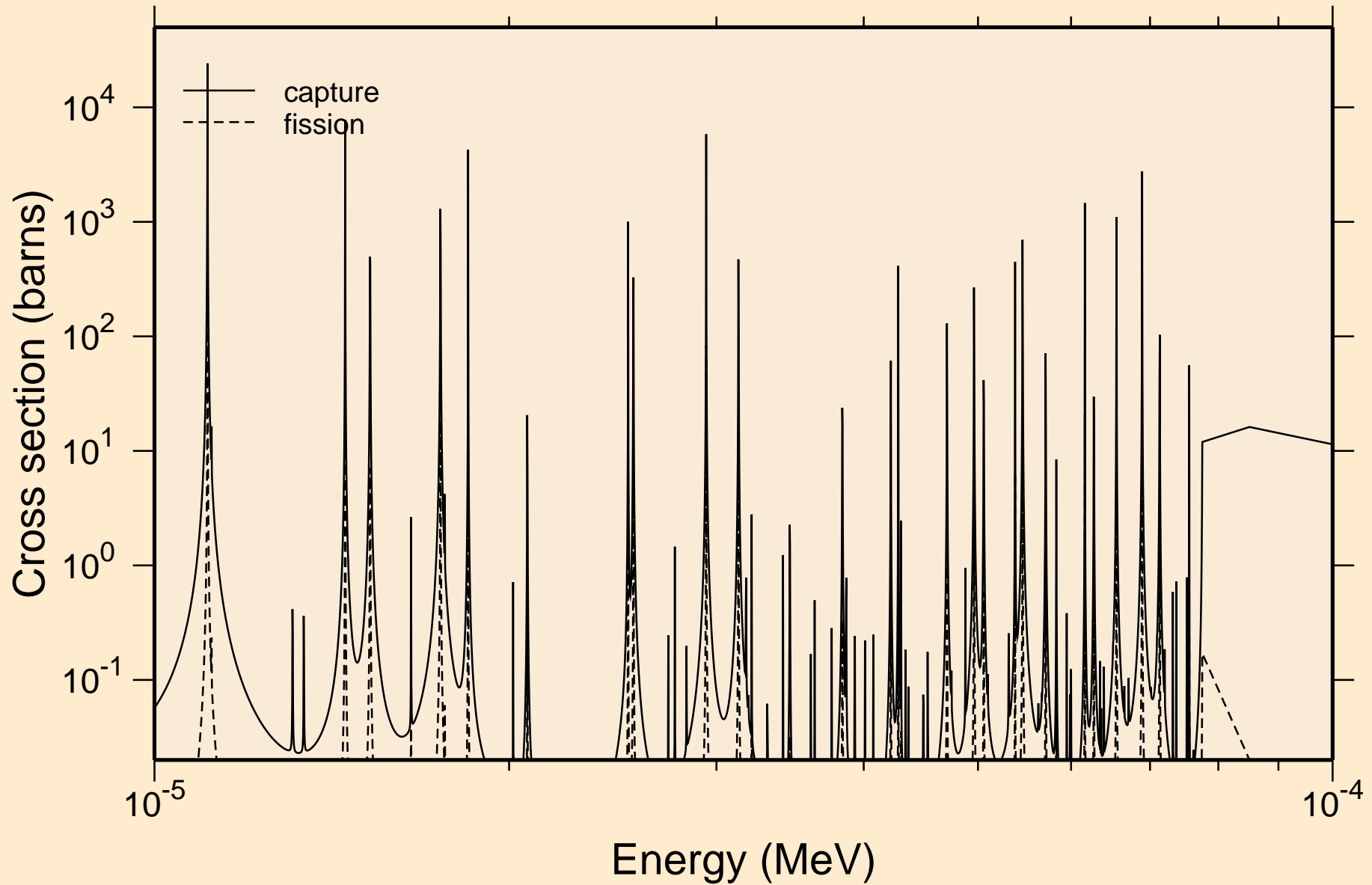
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



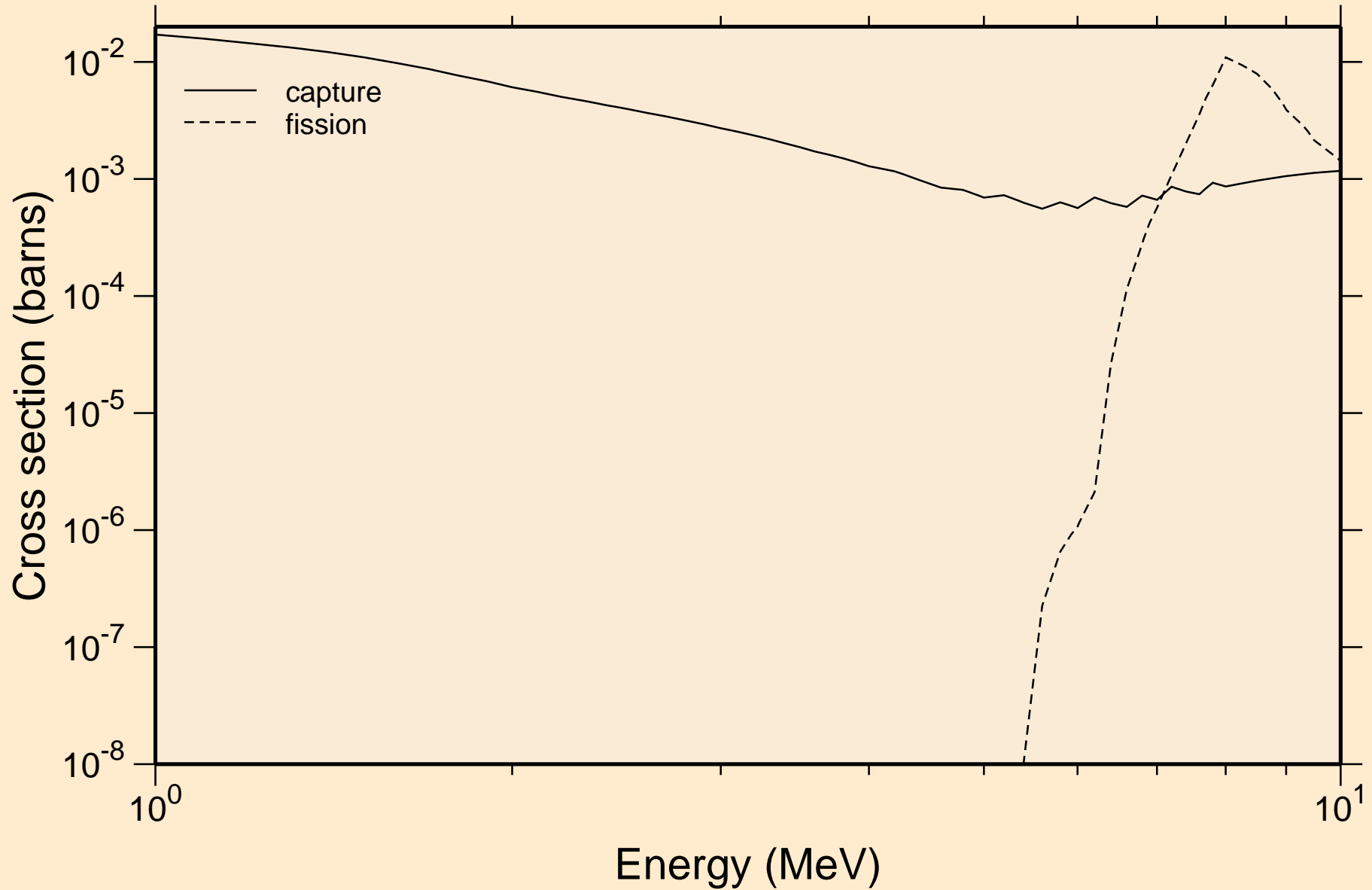
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

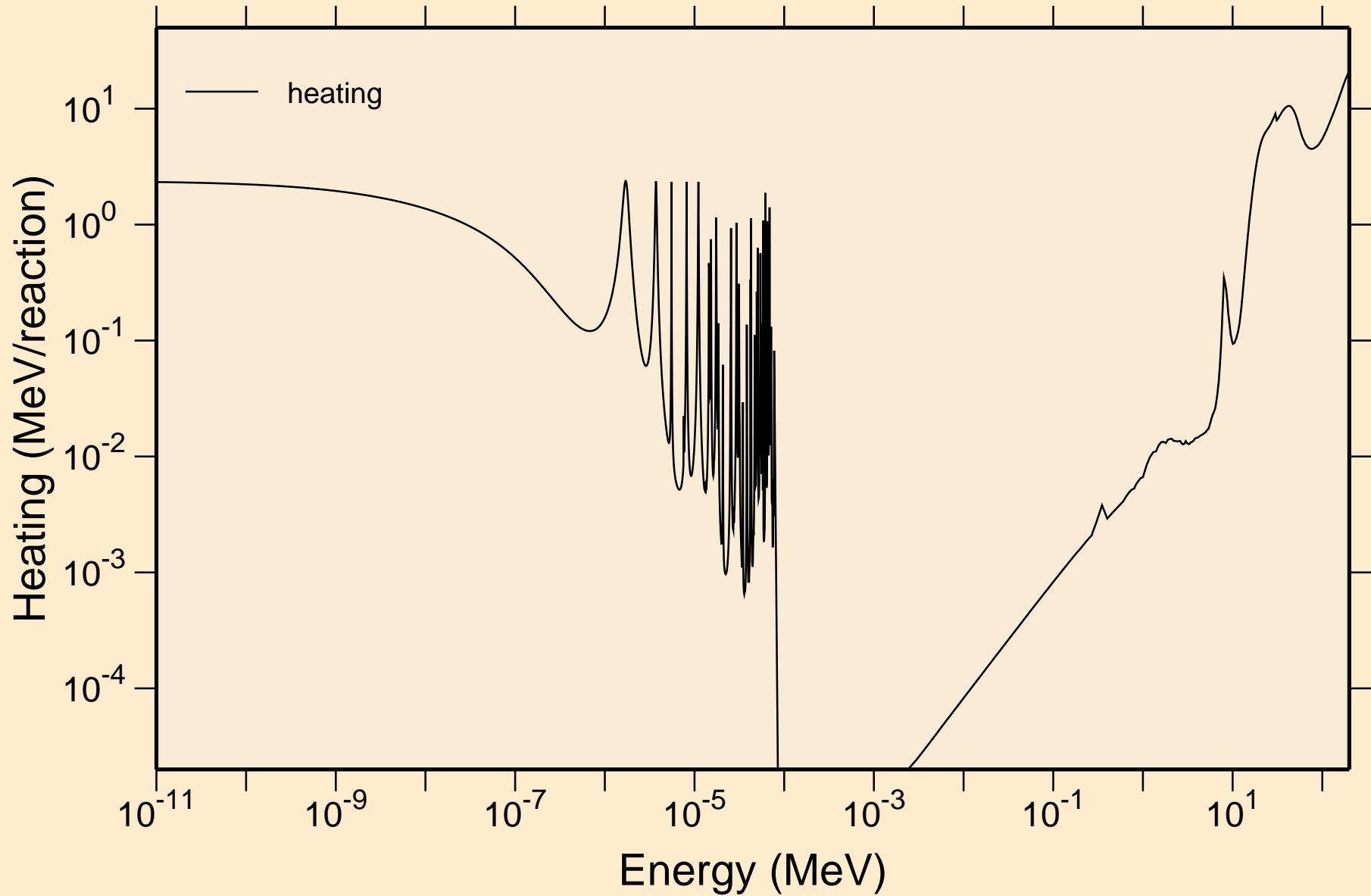


FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



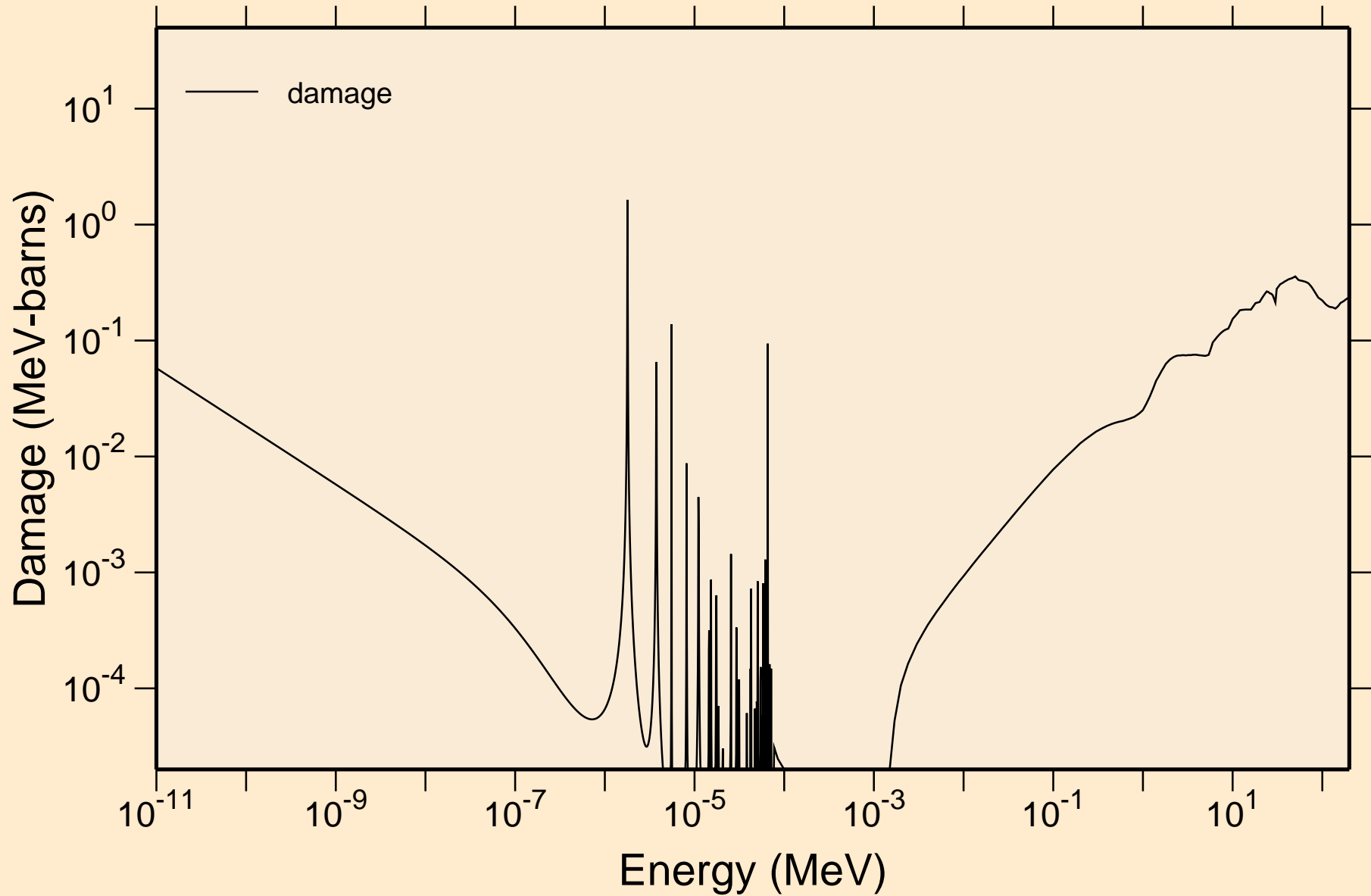
# FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



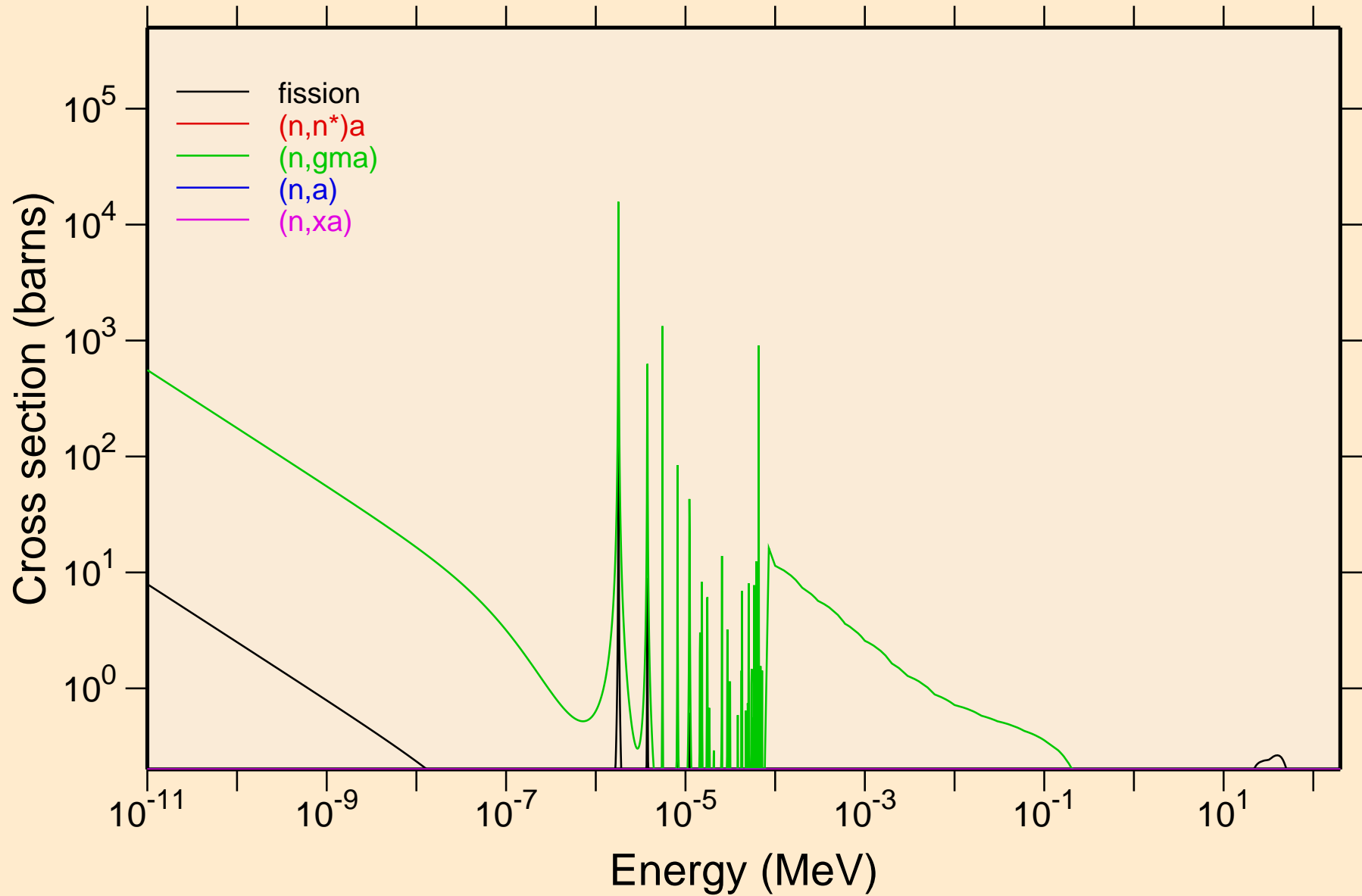


FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



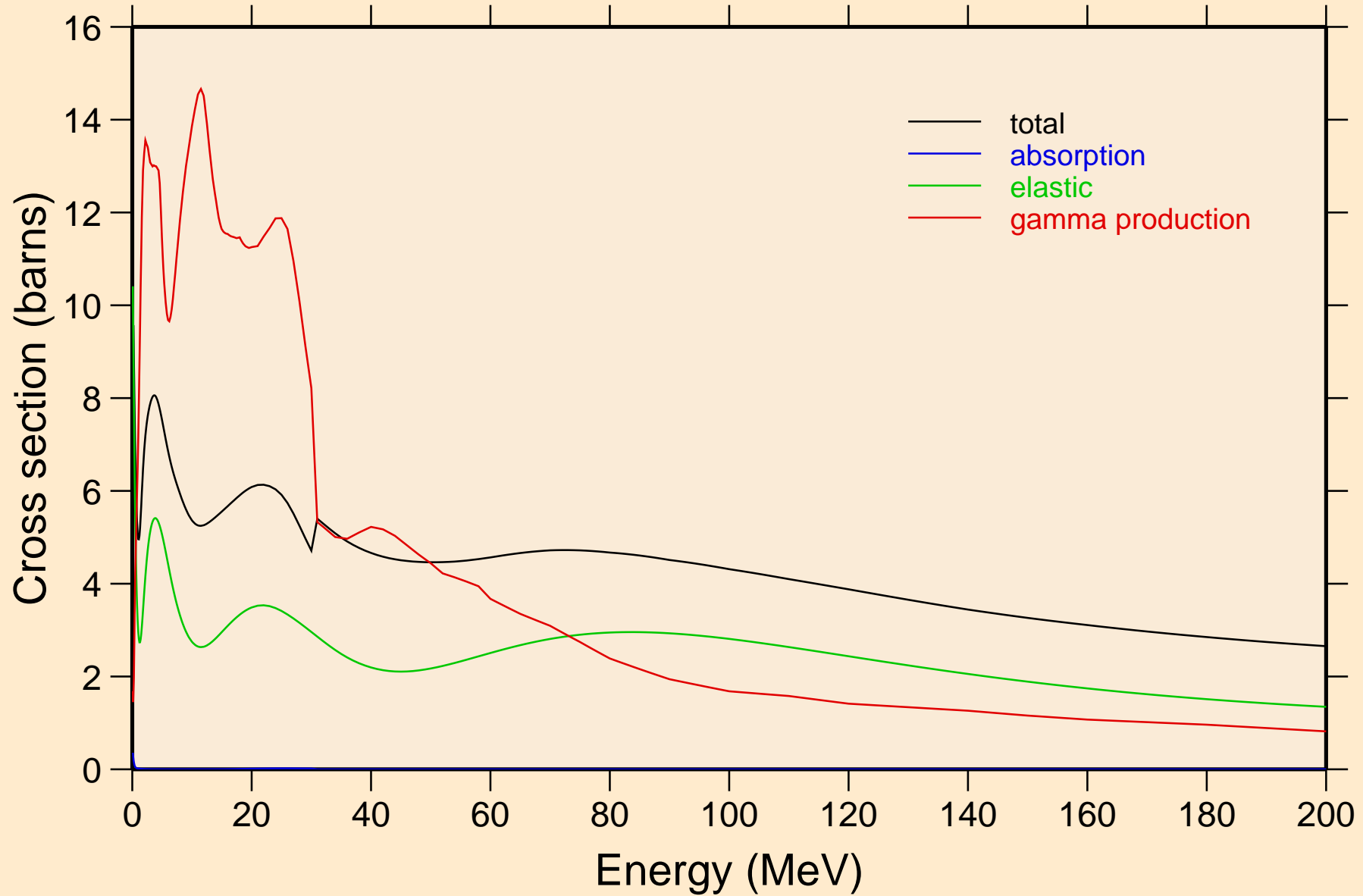
# FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions



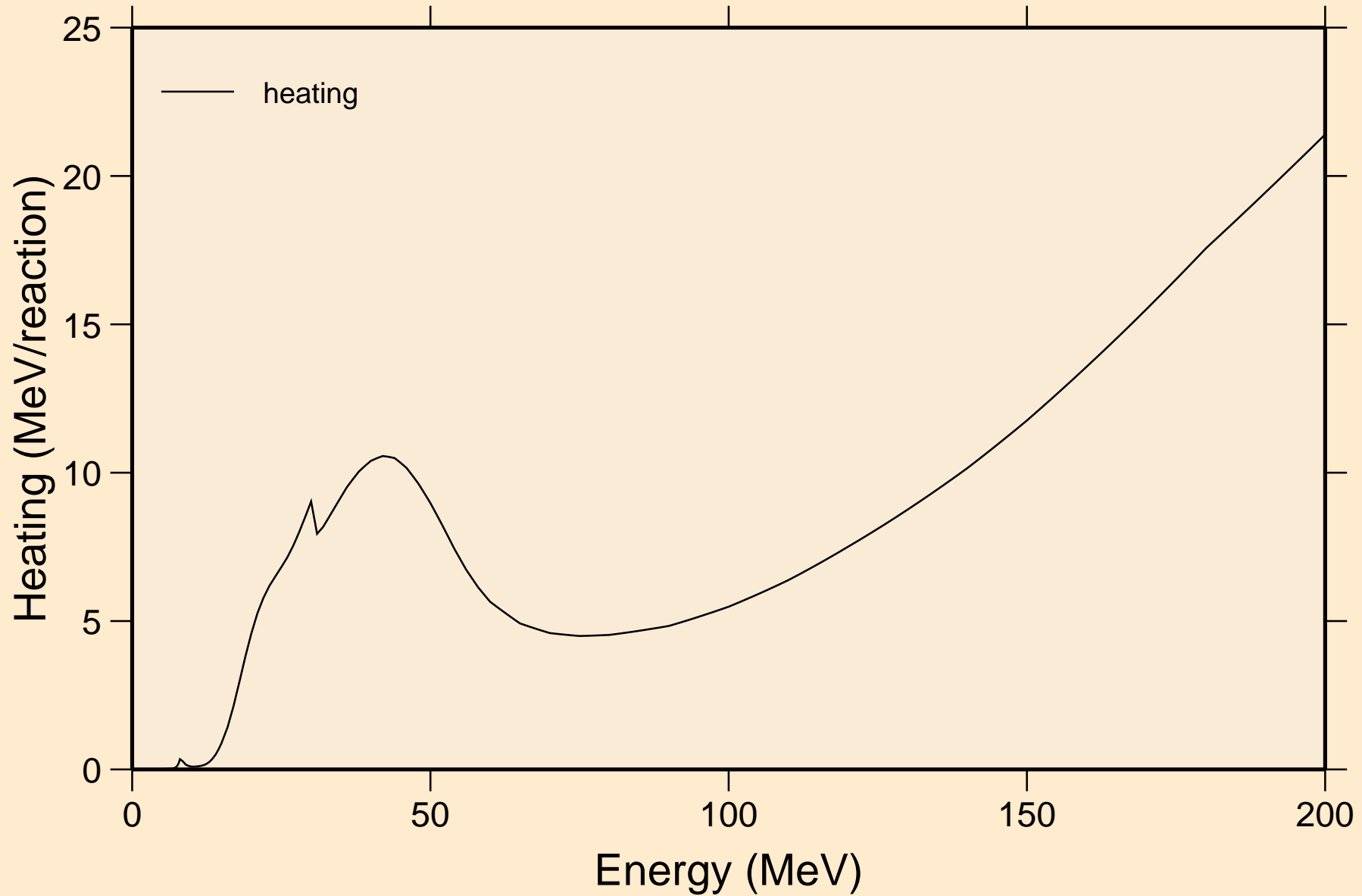
# FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



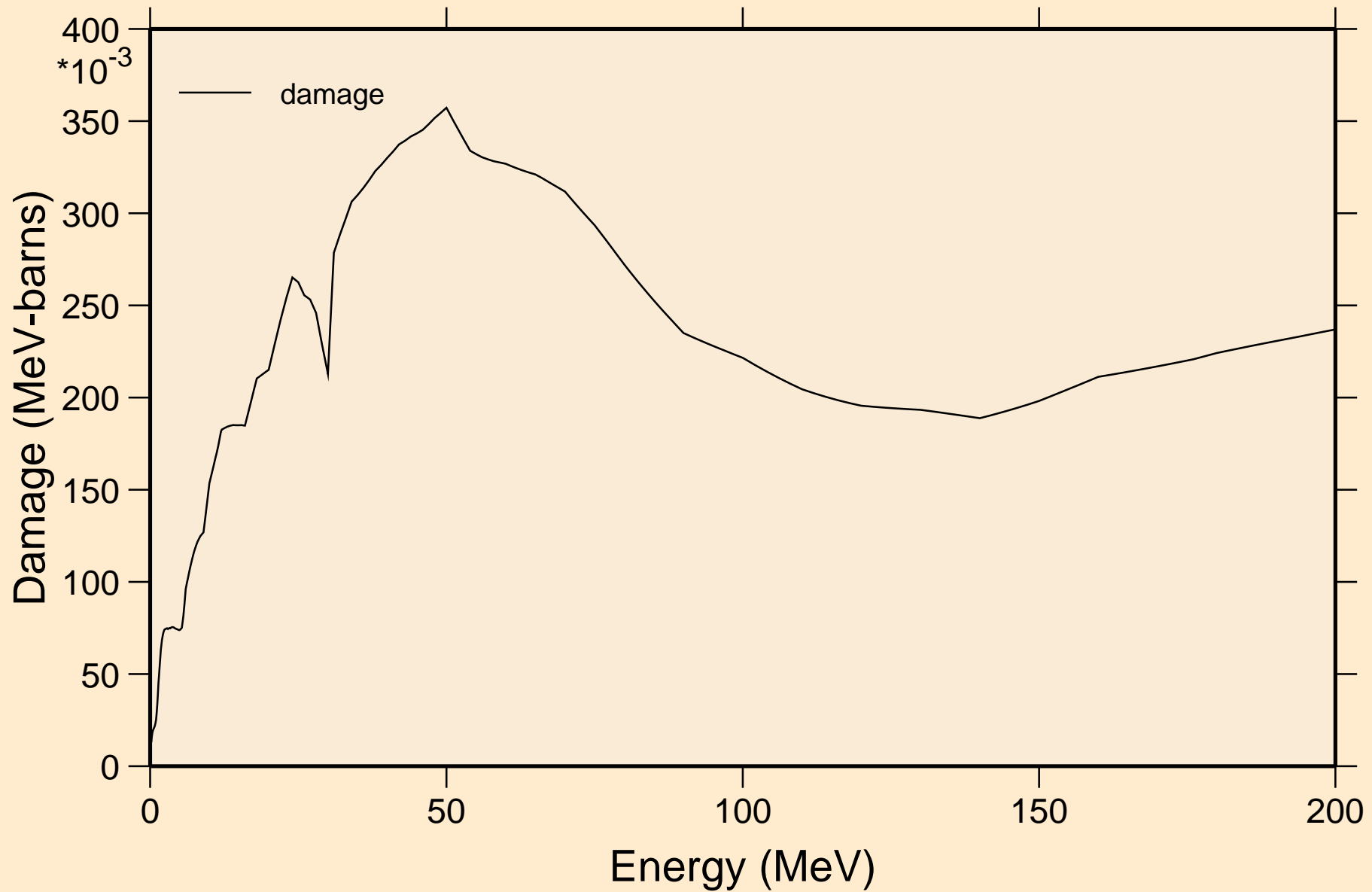
# FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating

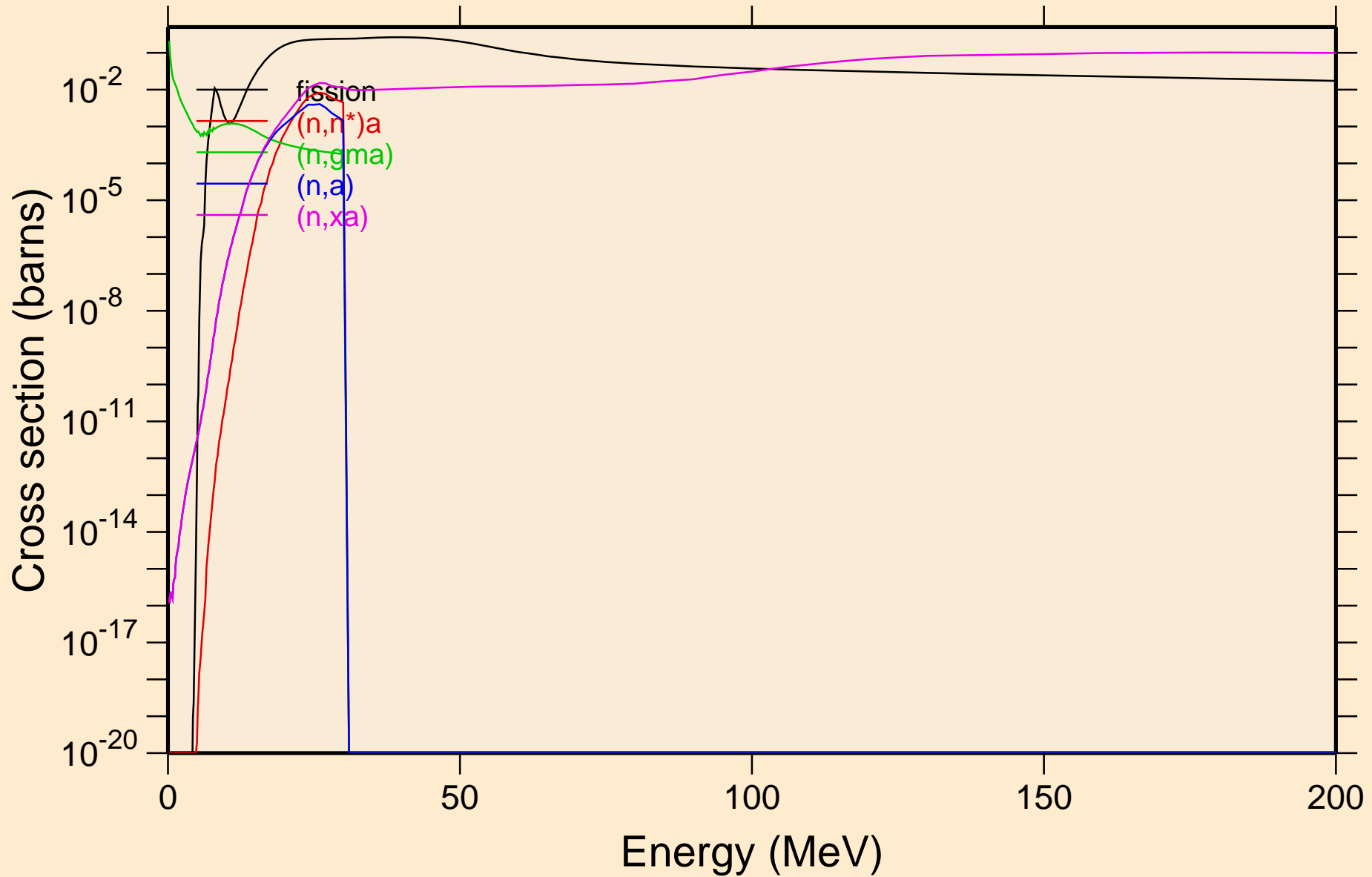


# FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

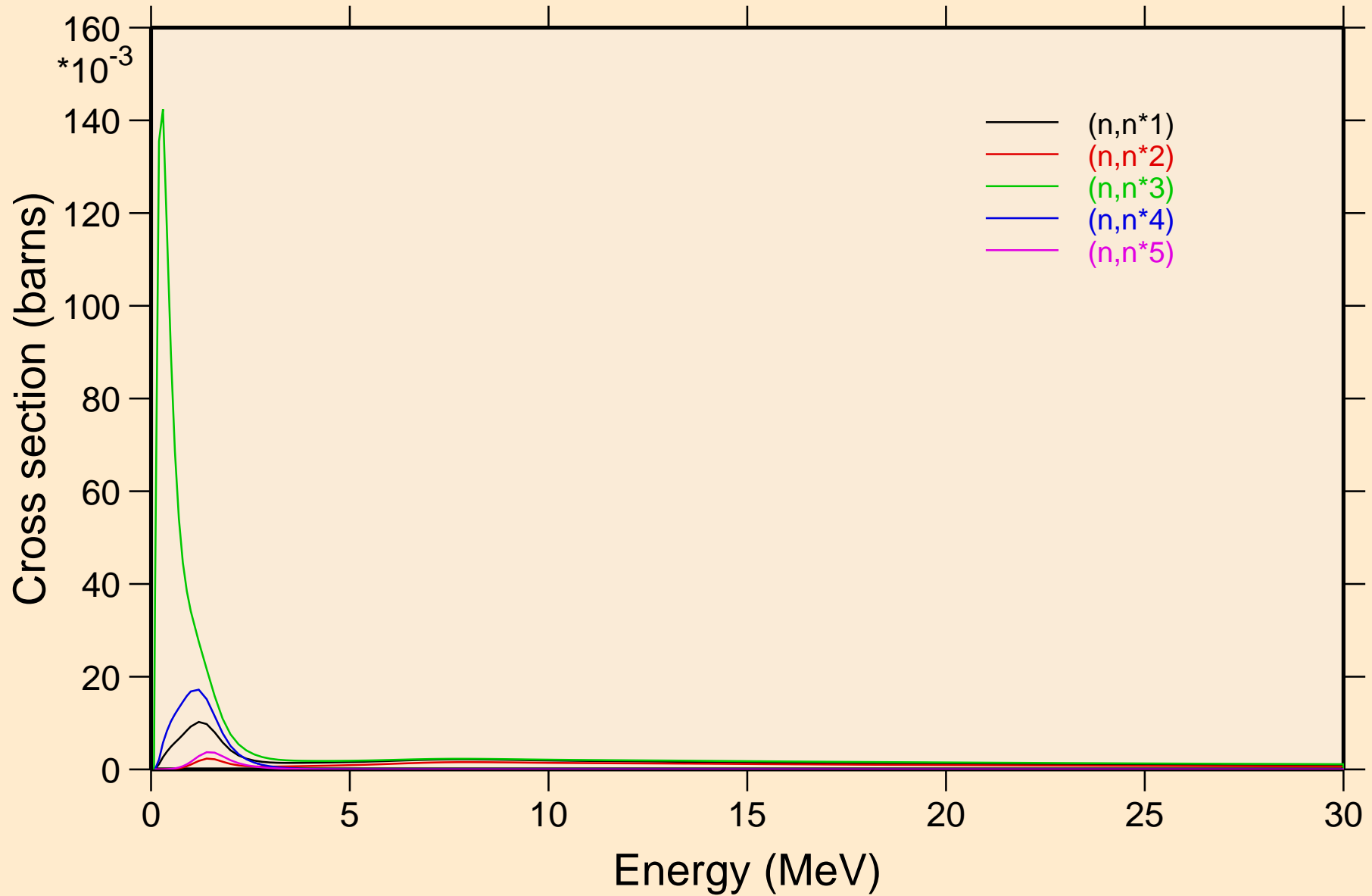
## Damage



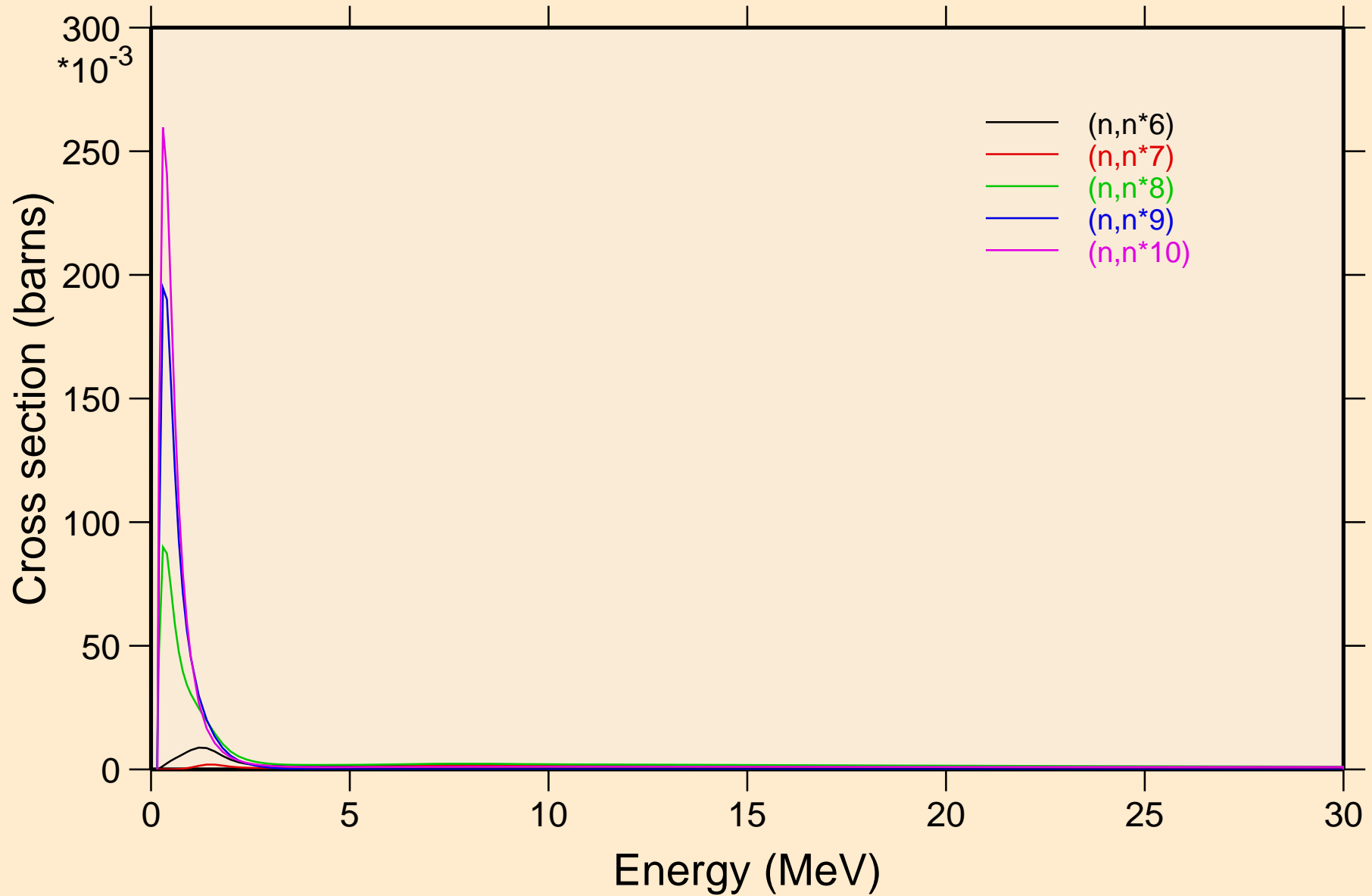
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

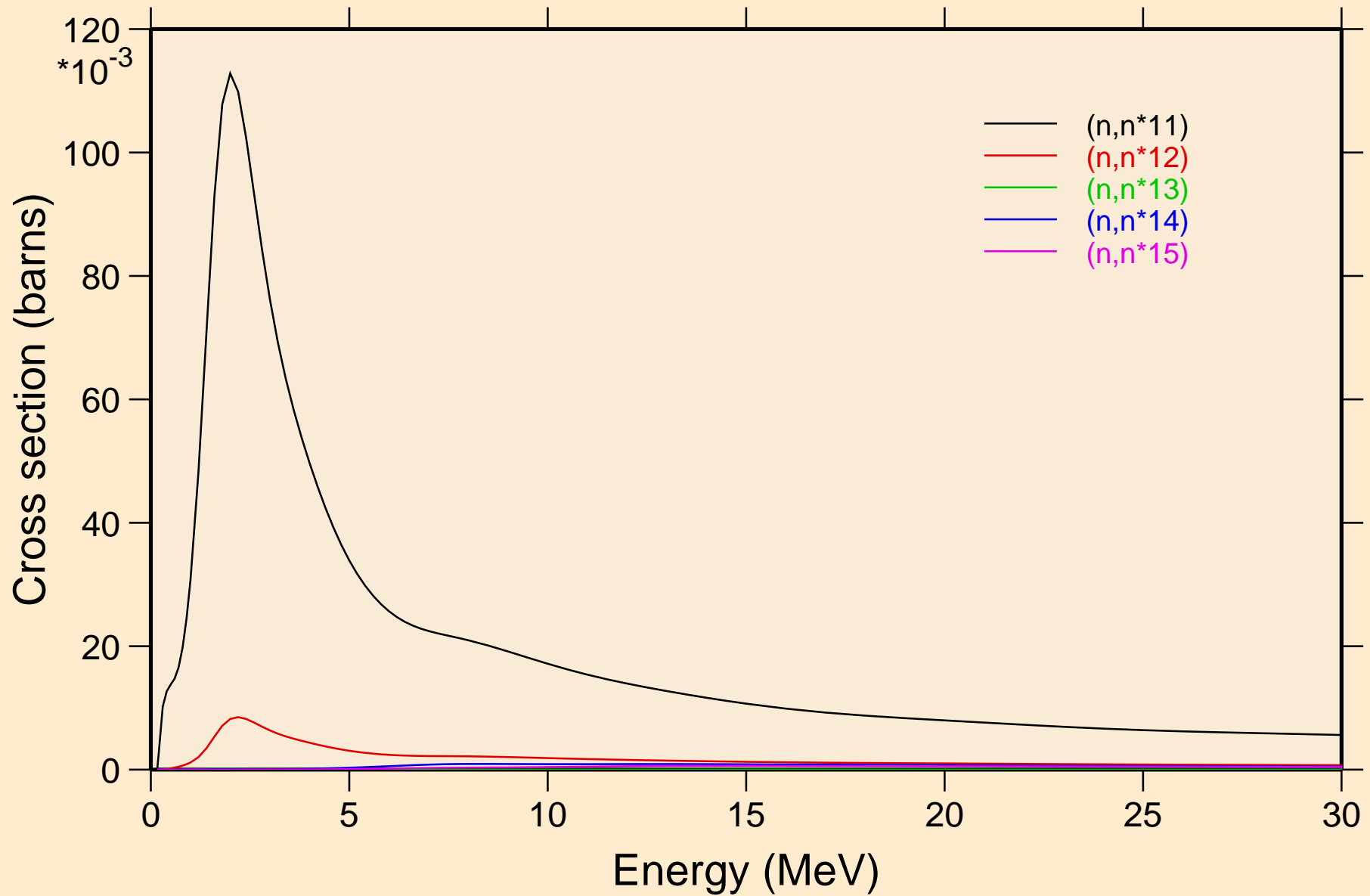


FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



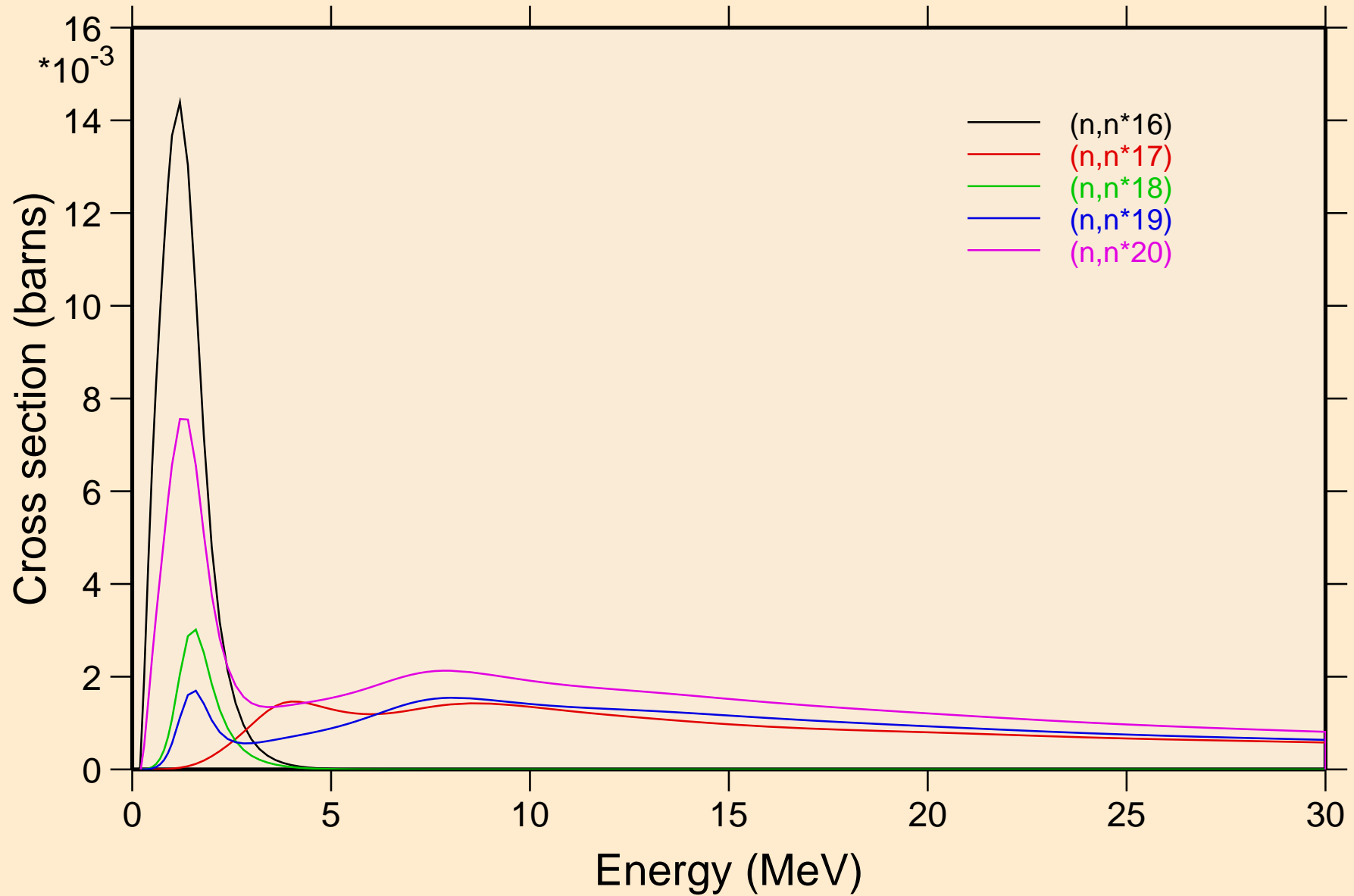


FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

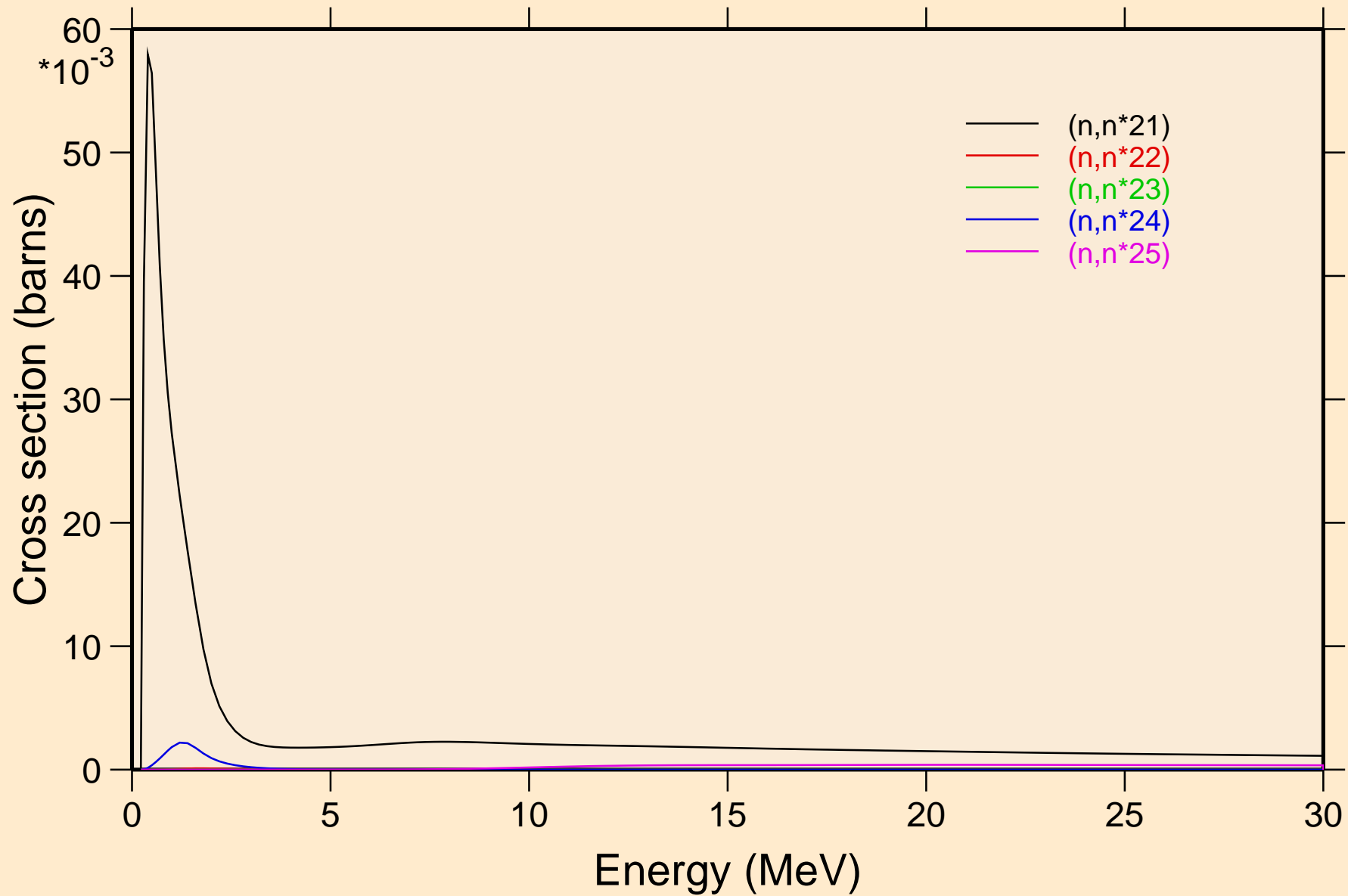


# FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

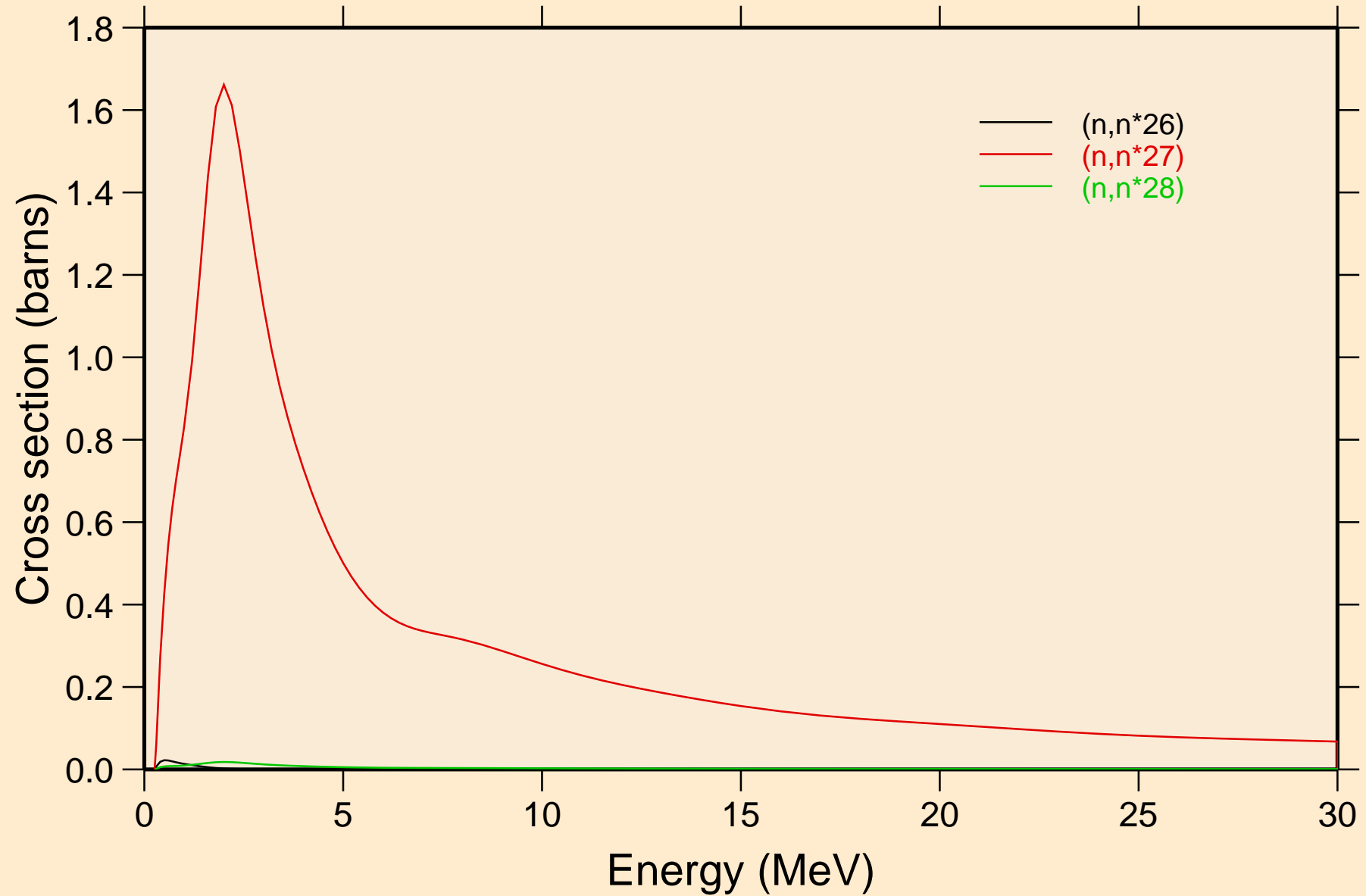
## Inelastic levels



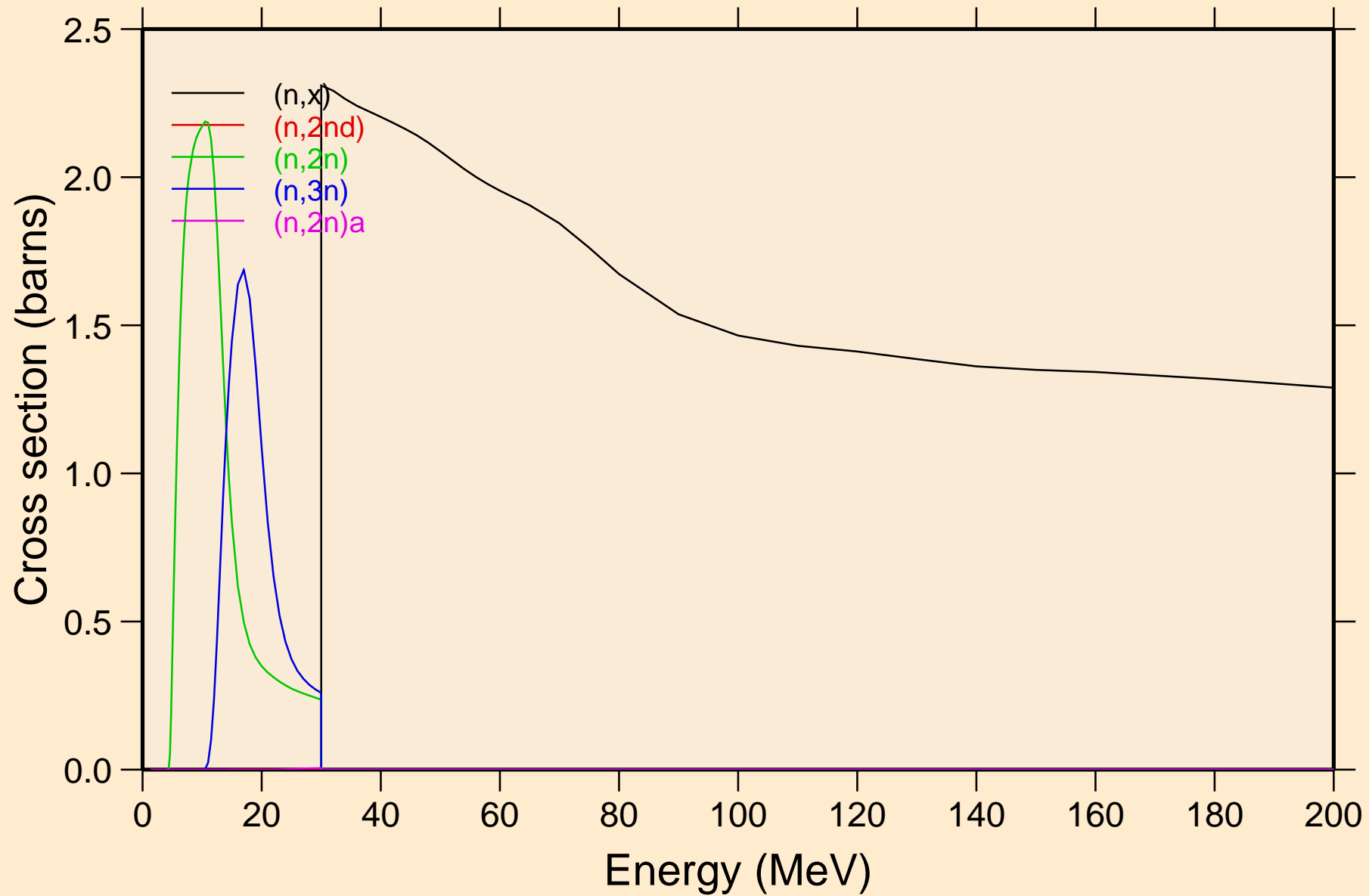
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



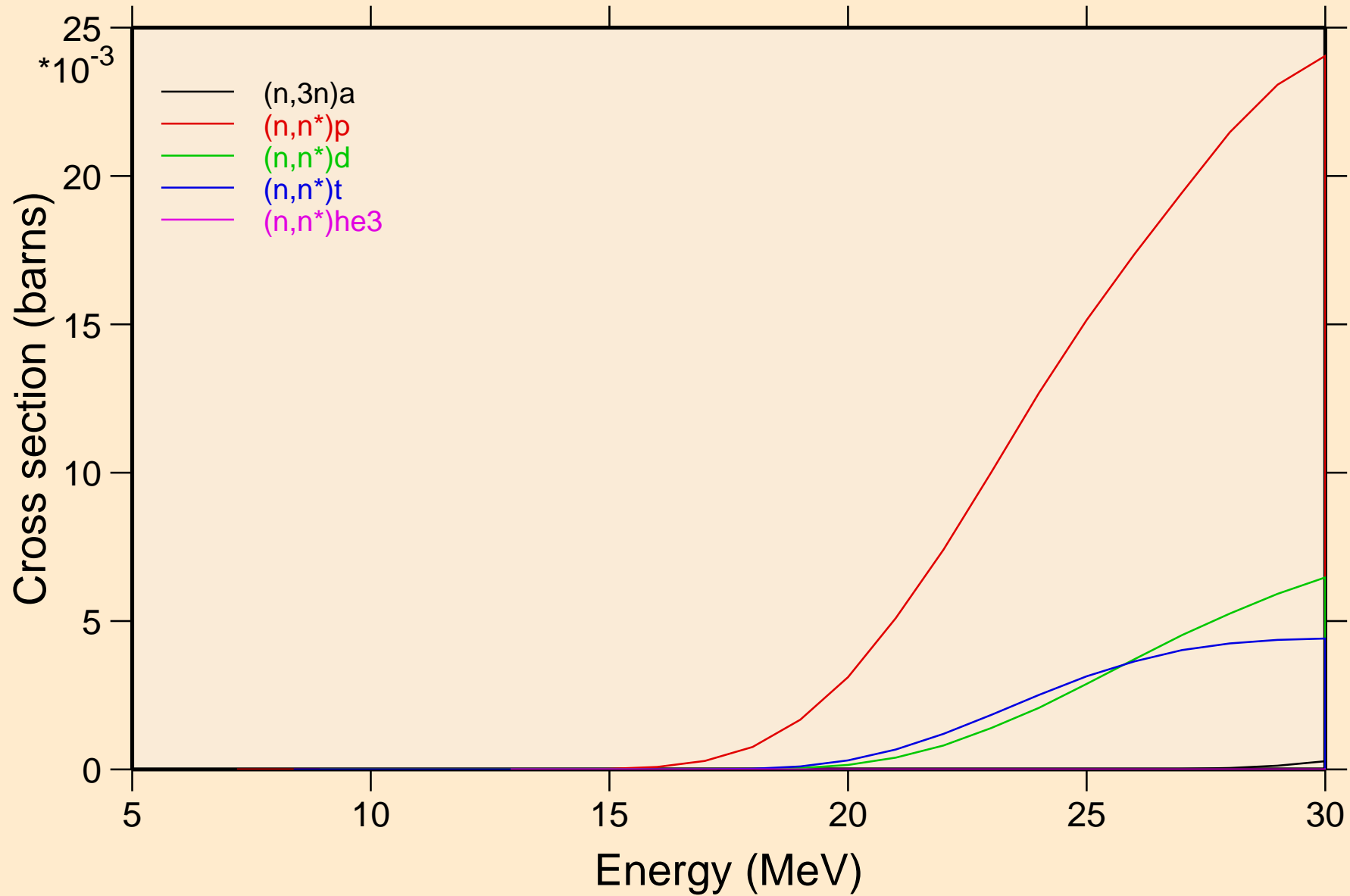
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



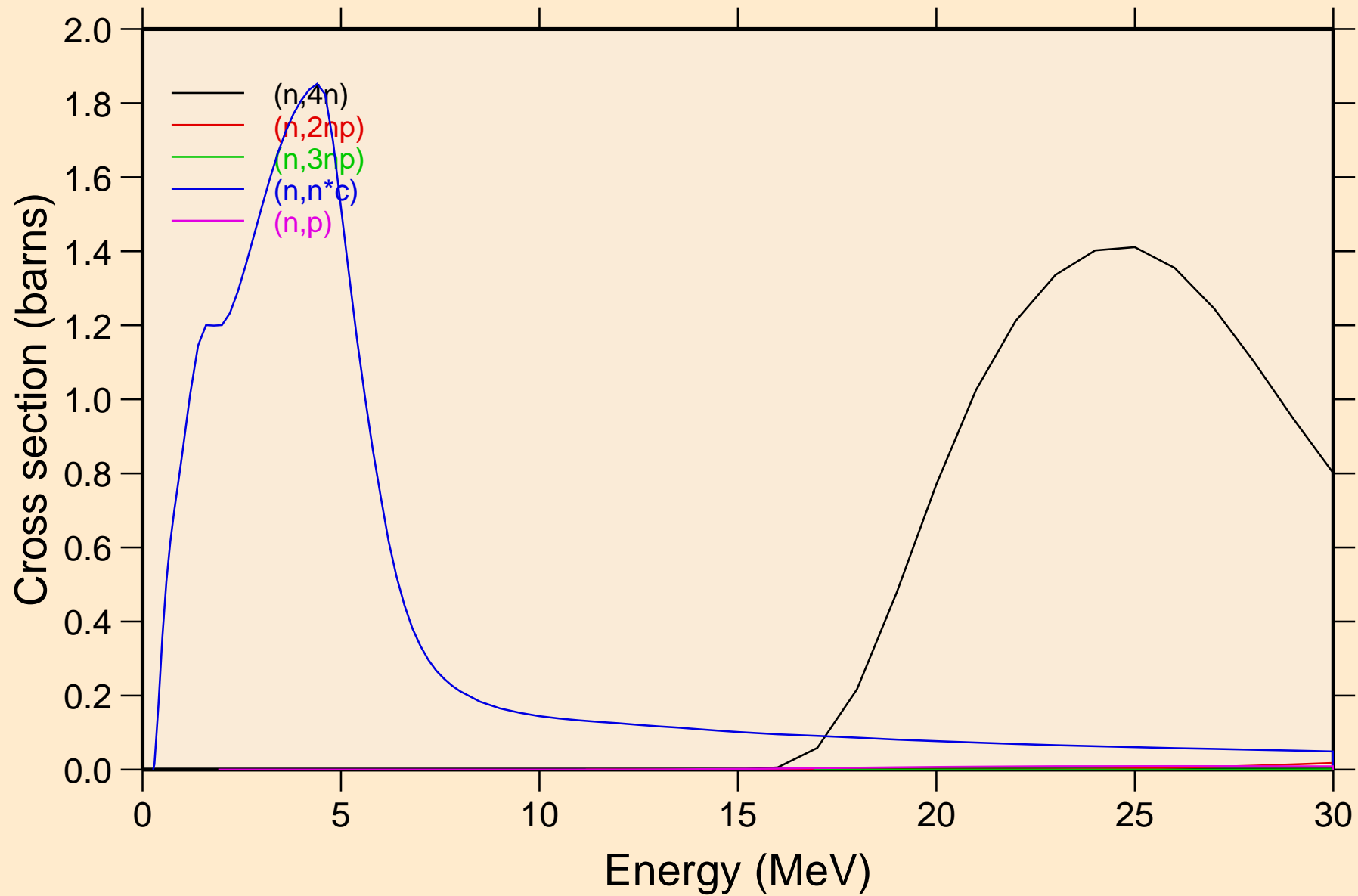
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



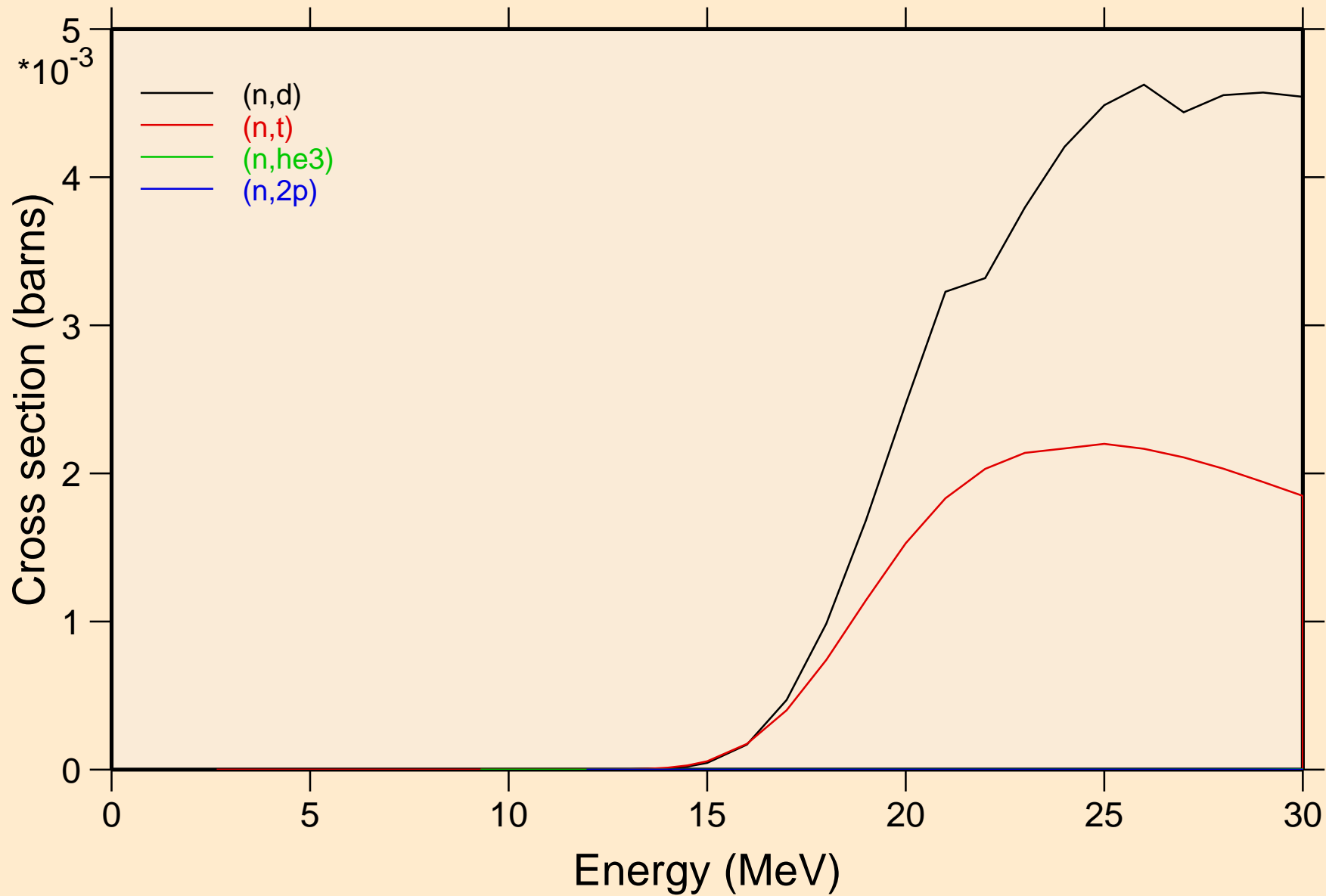
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

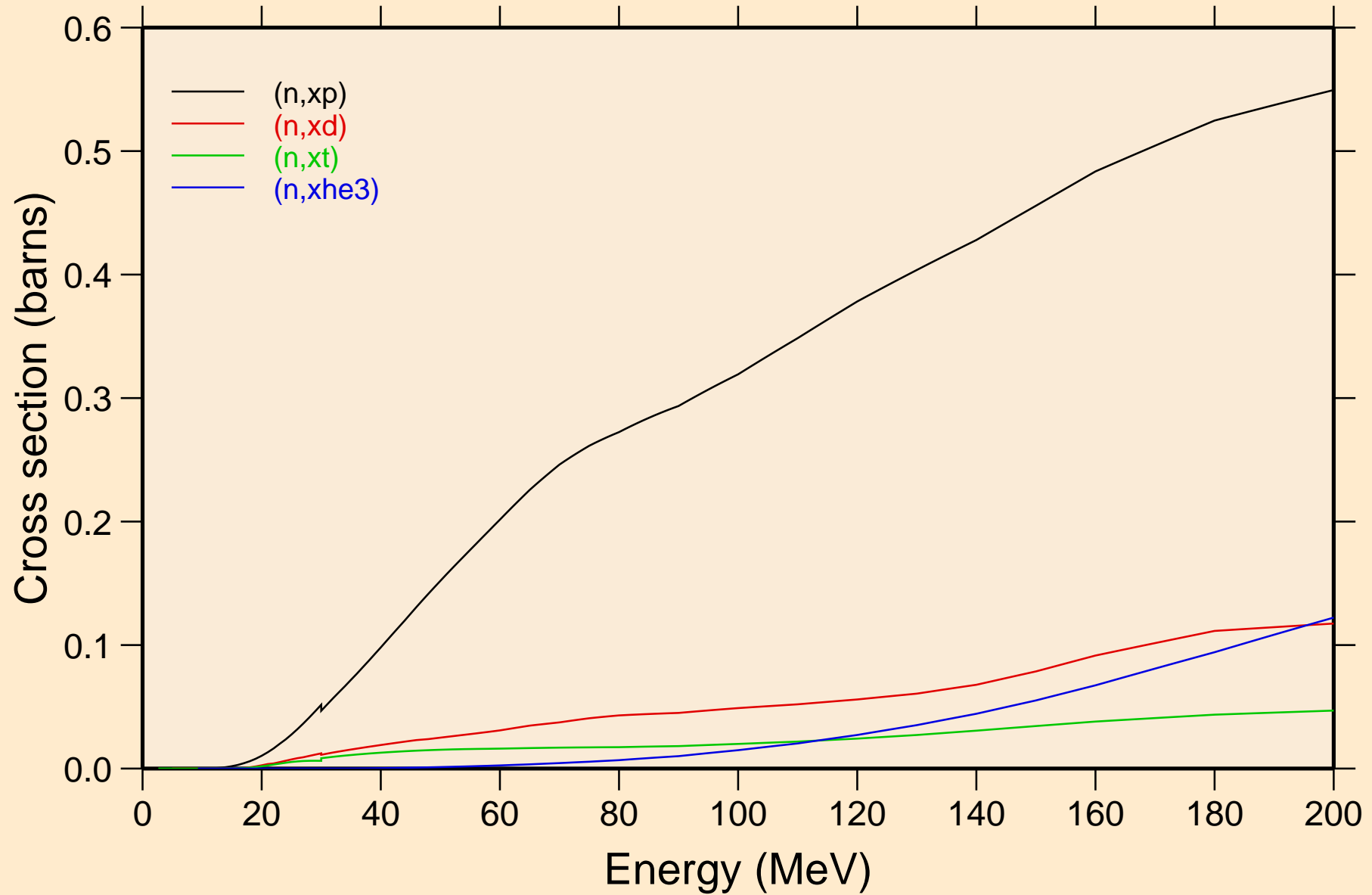


FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

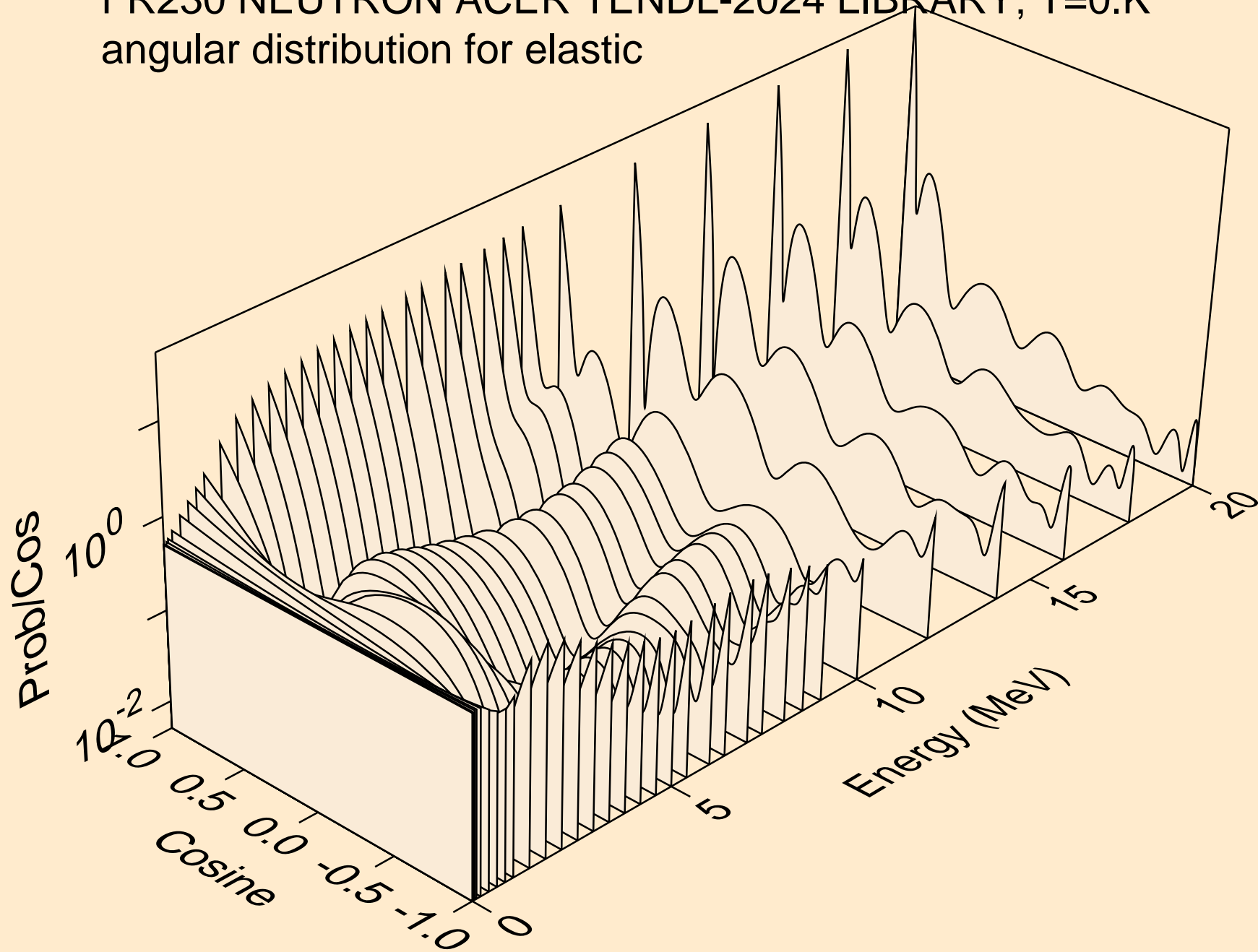




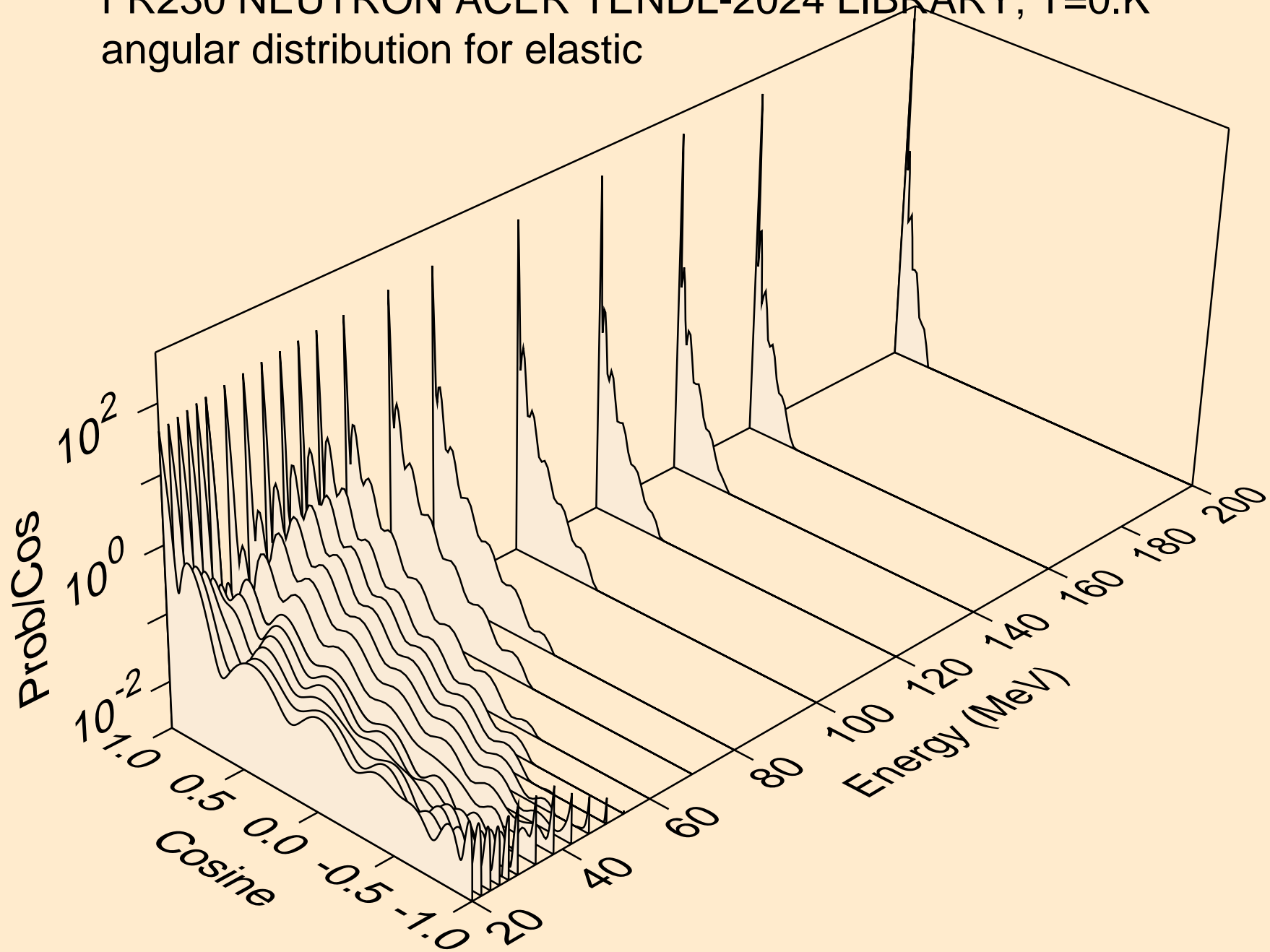
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



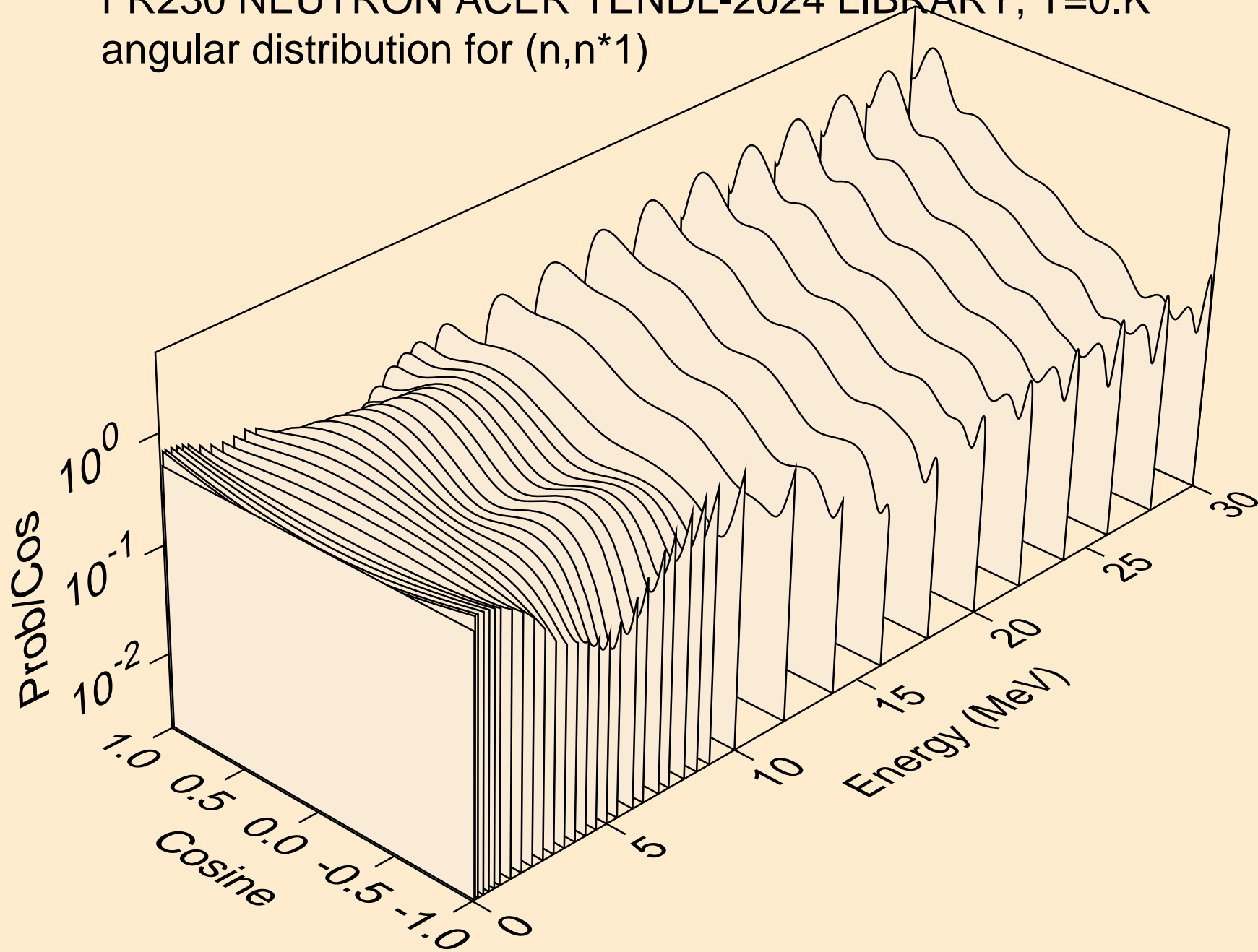
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



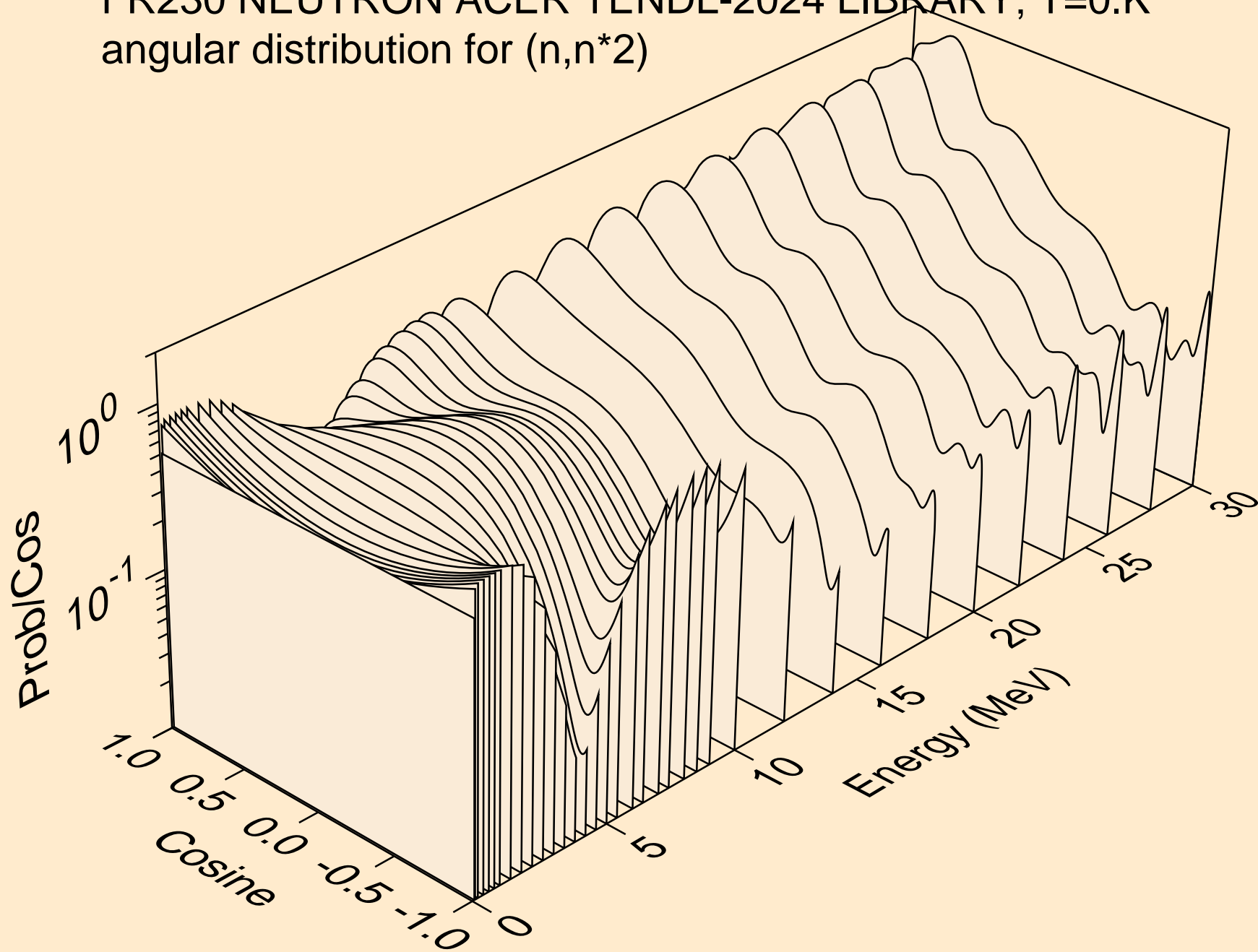
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



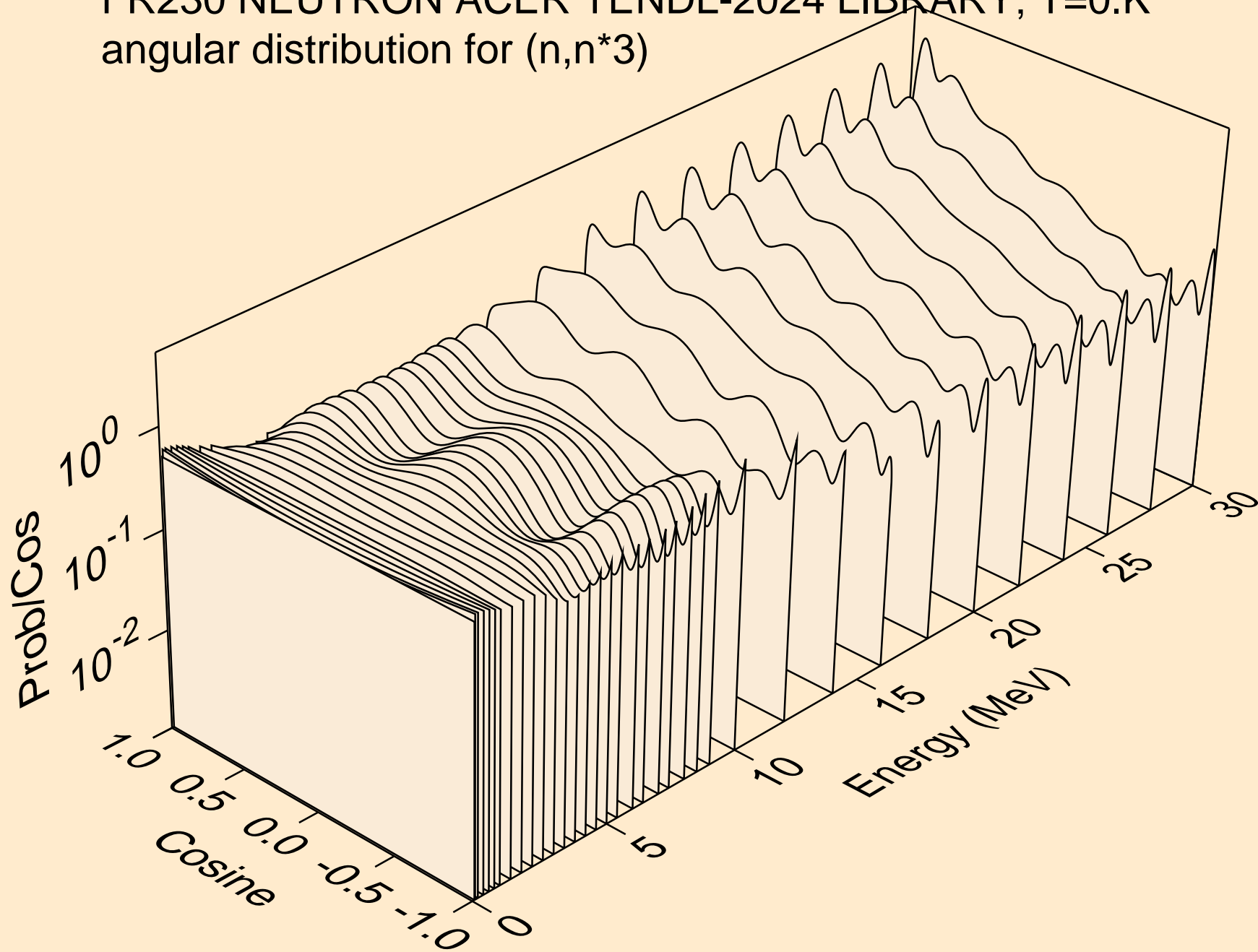
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



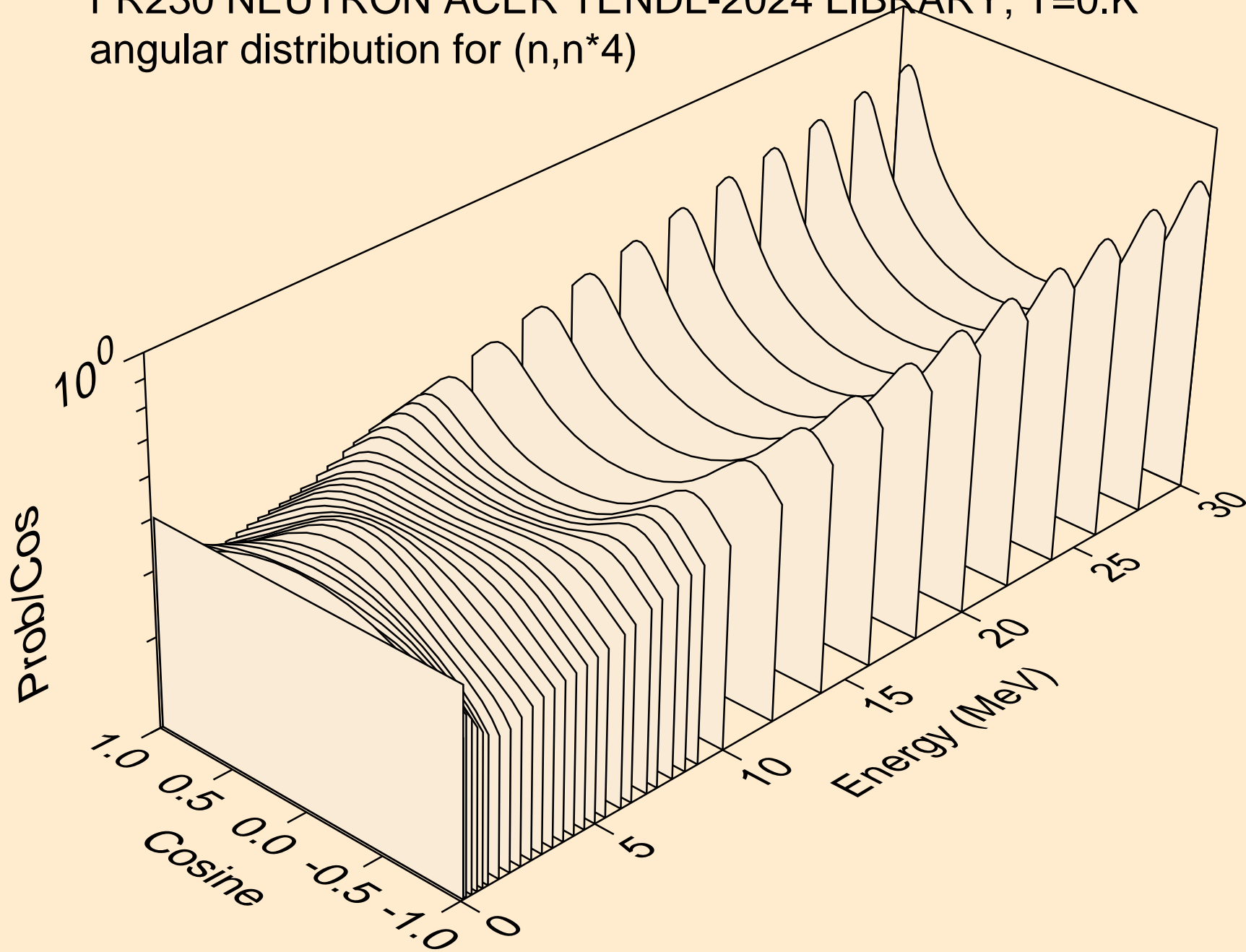
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



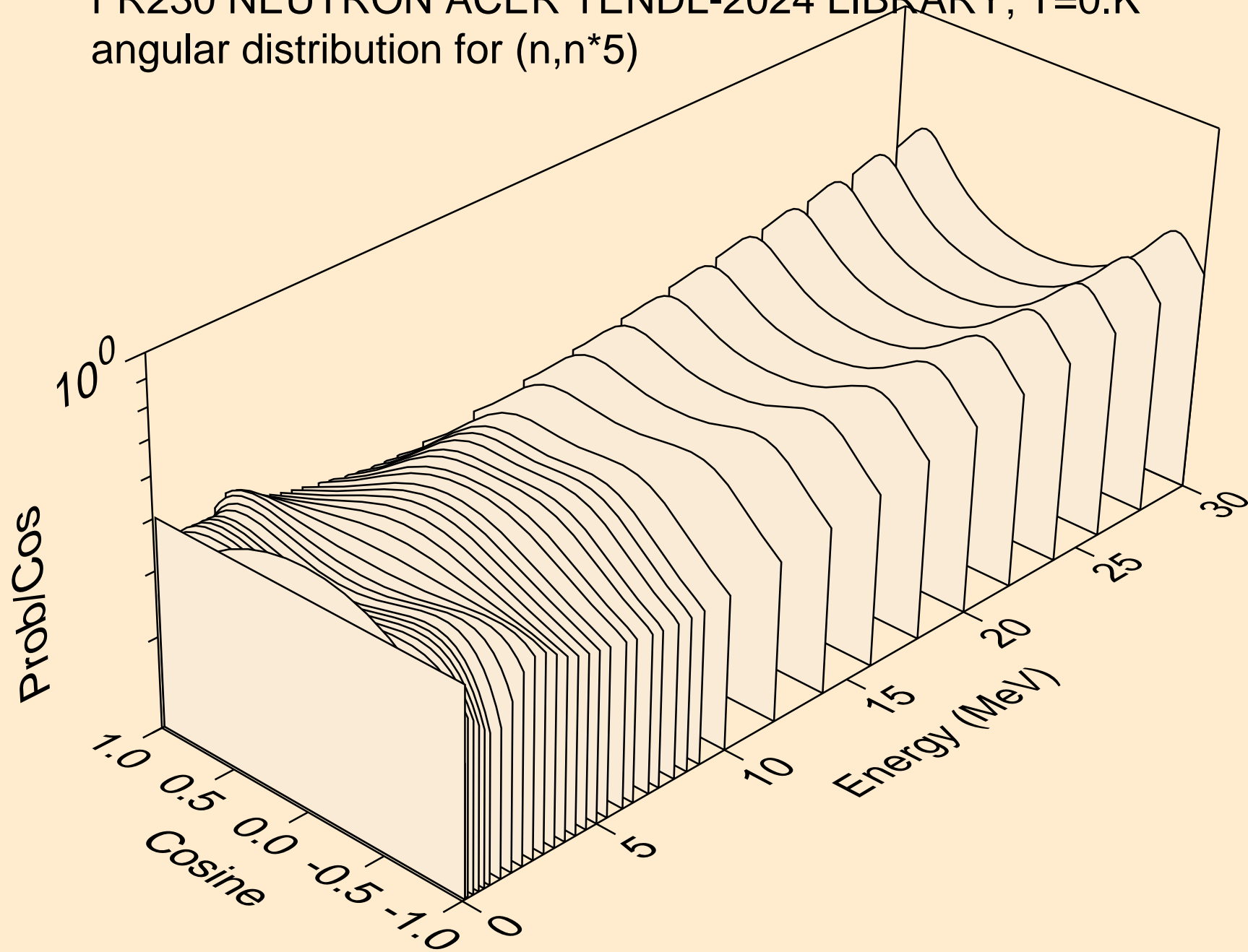
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)

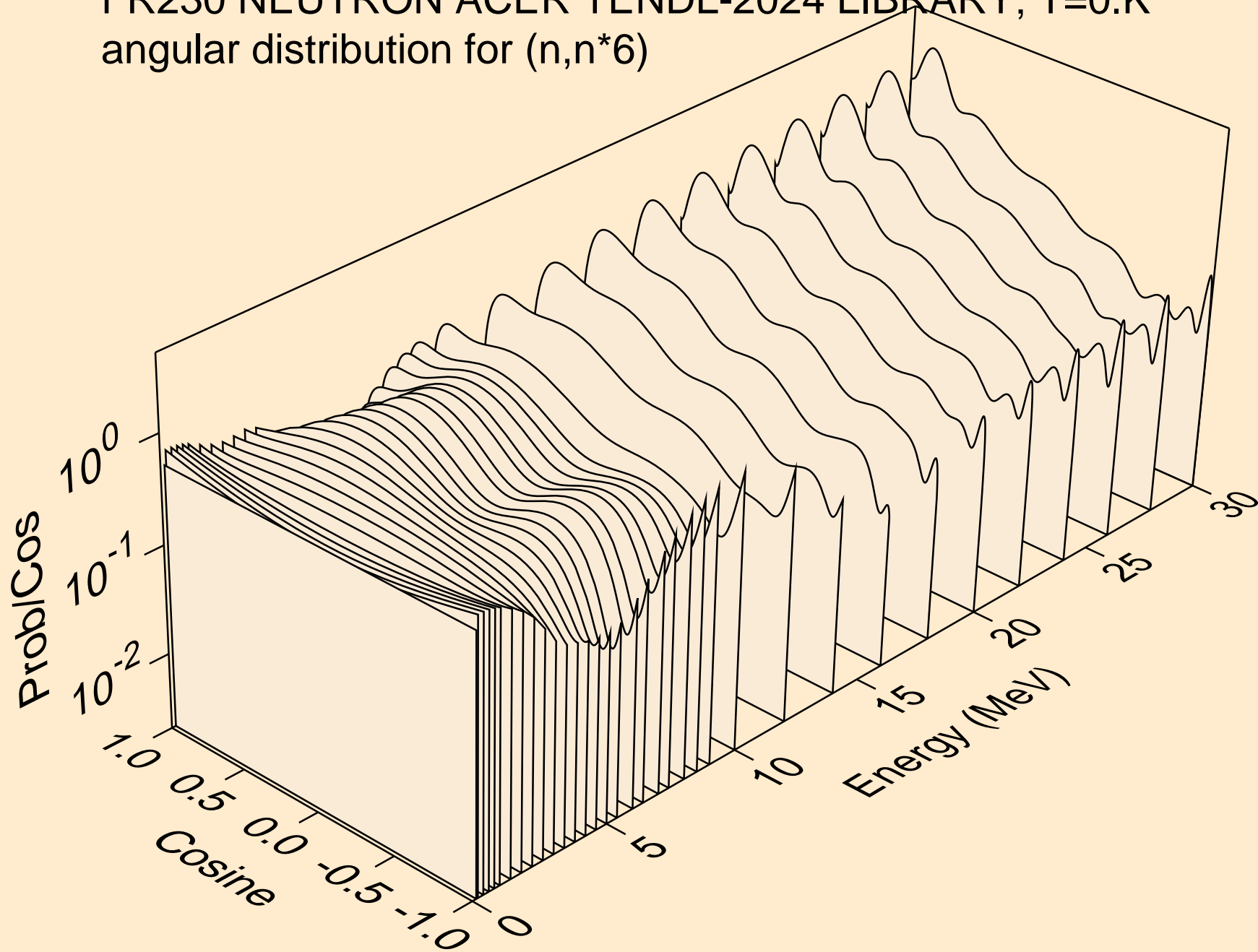


FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)

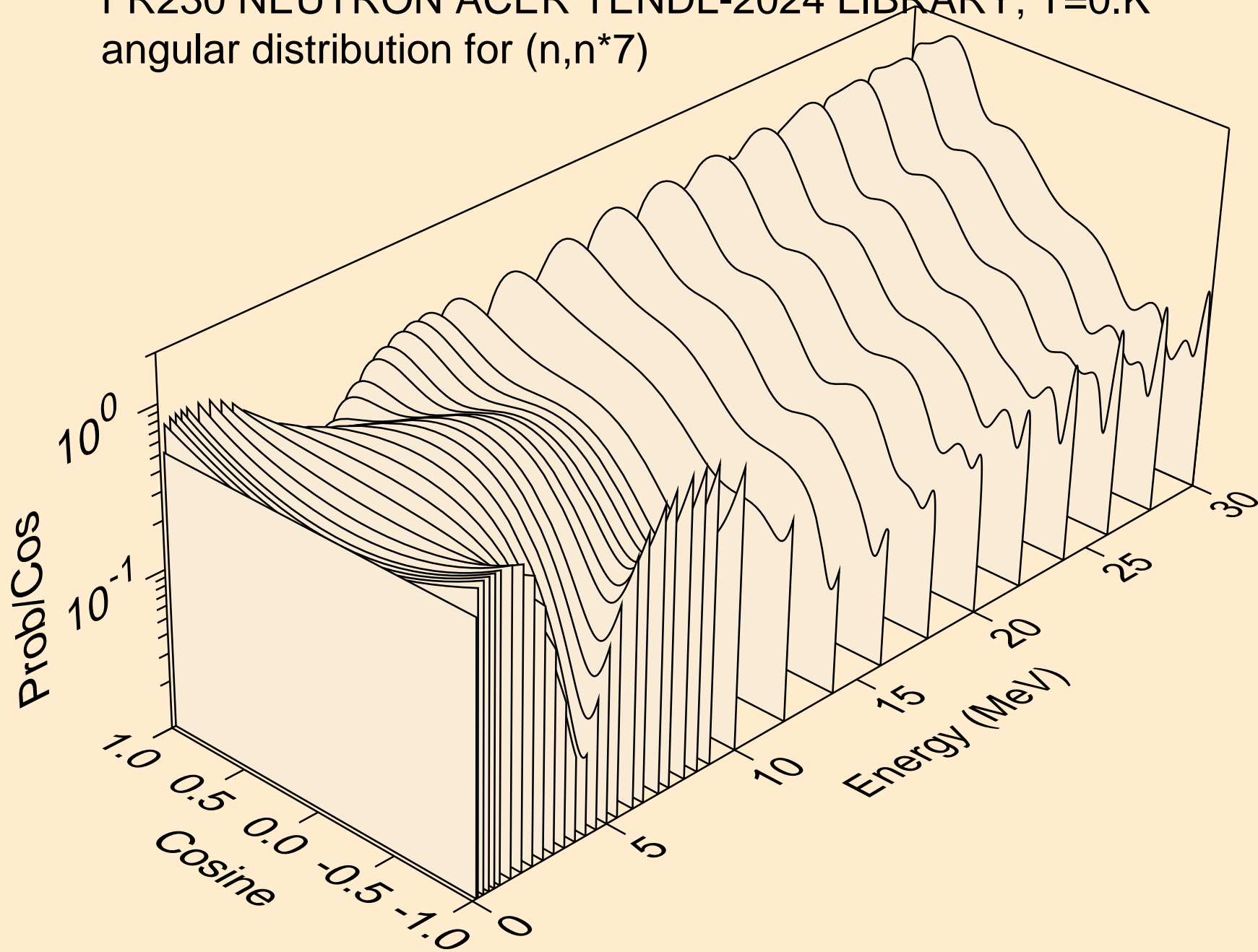




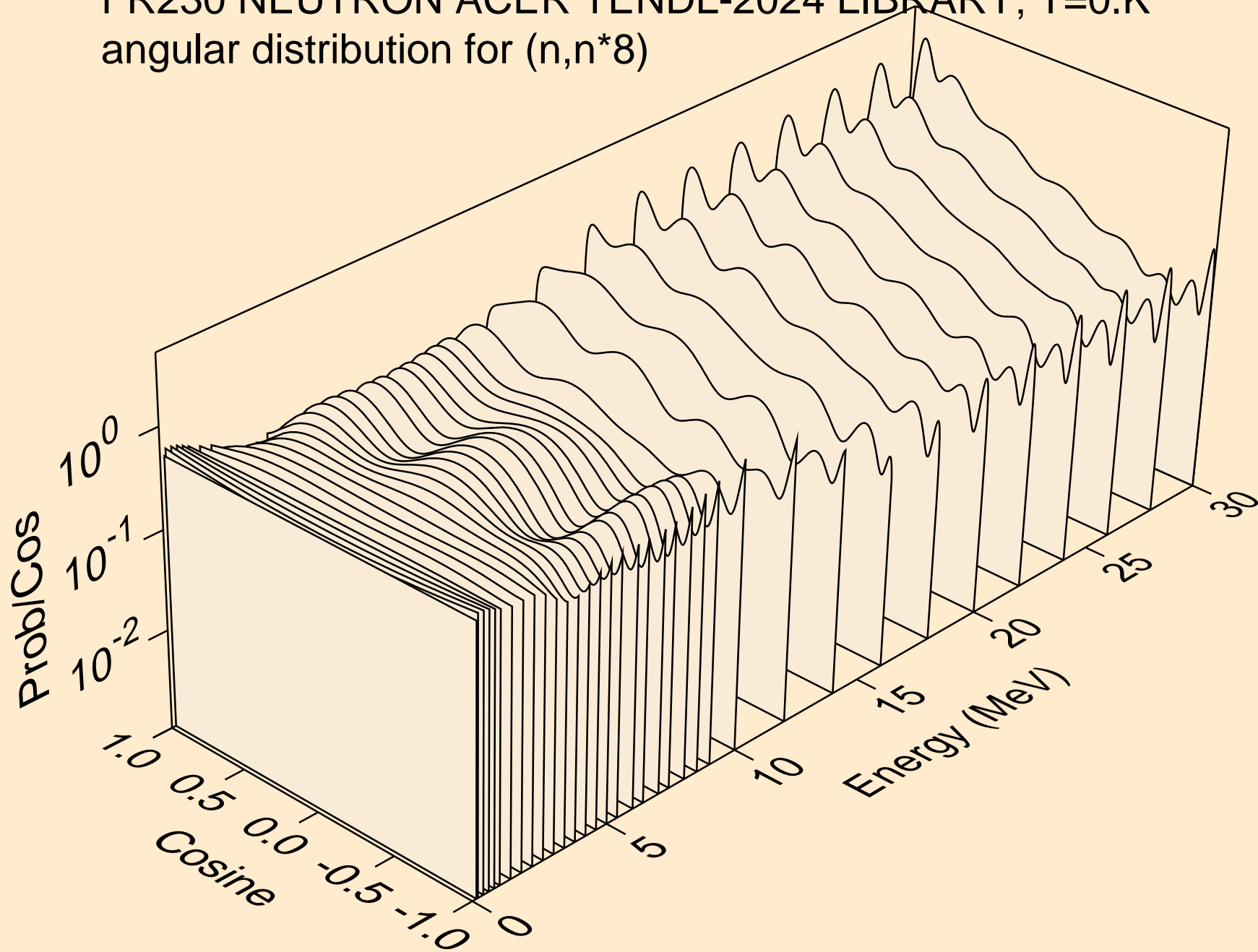
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



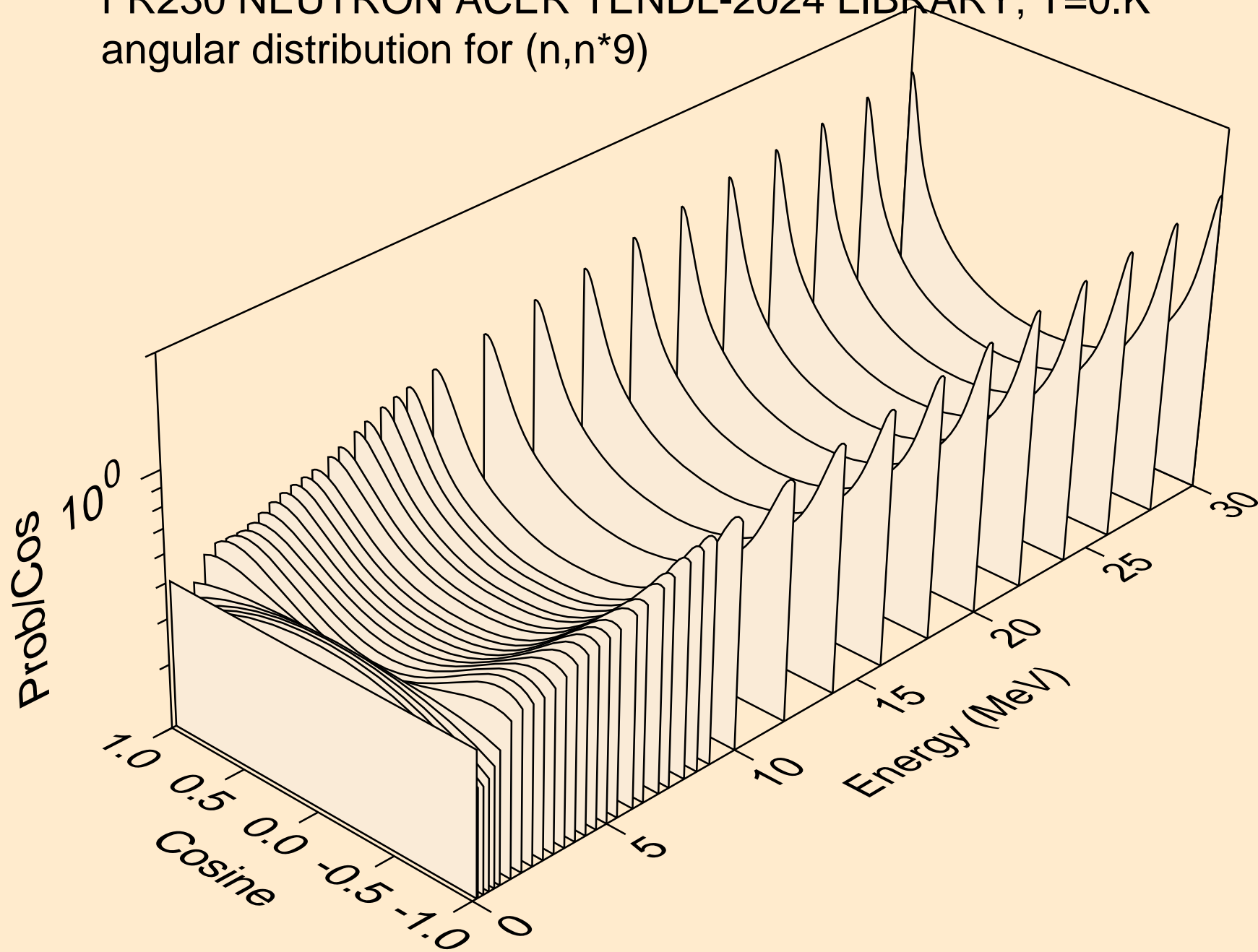
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



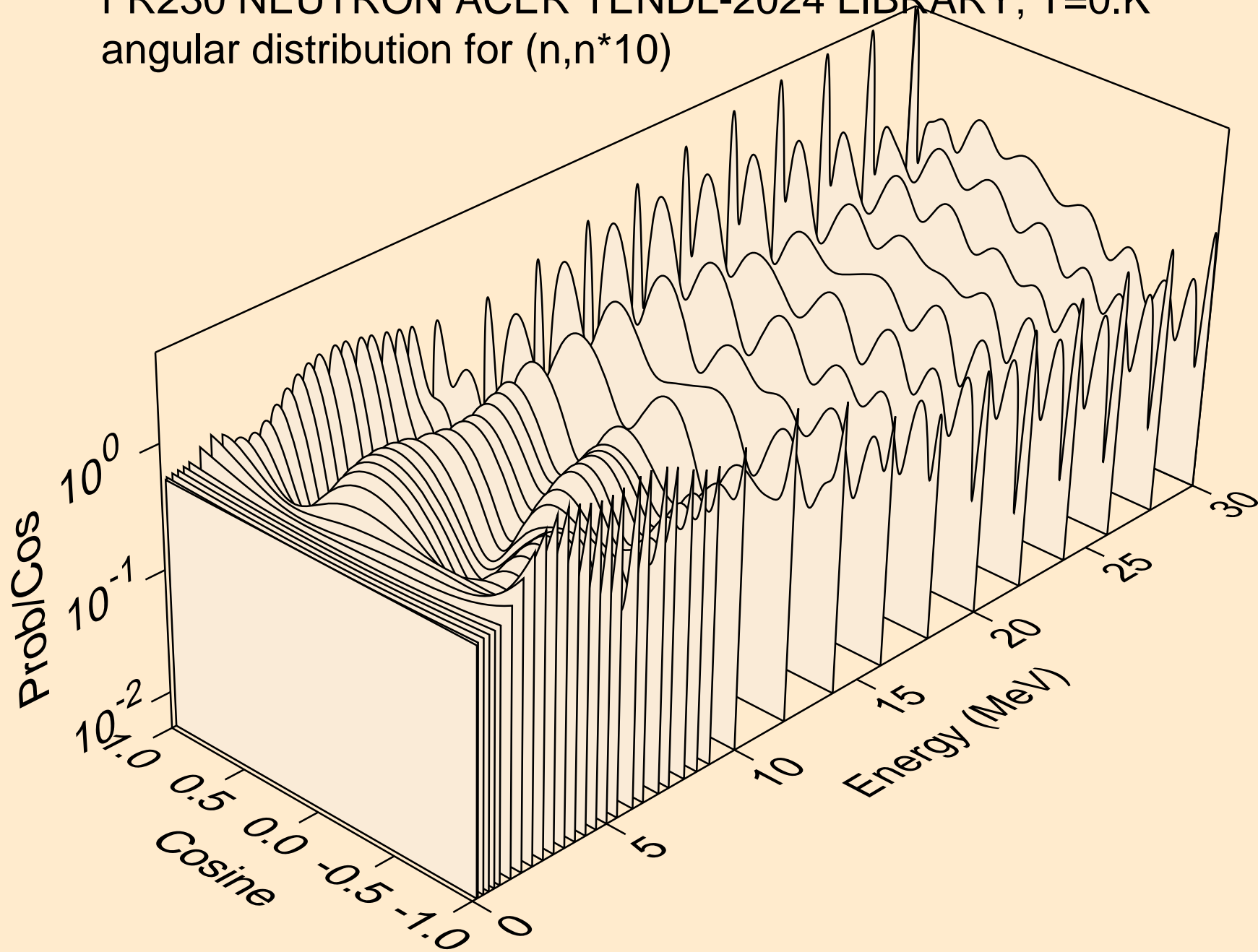
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



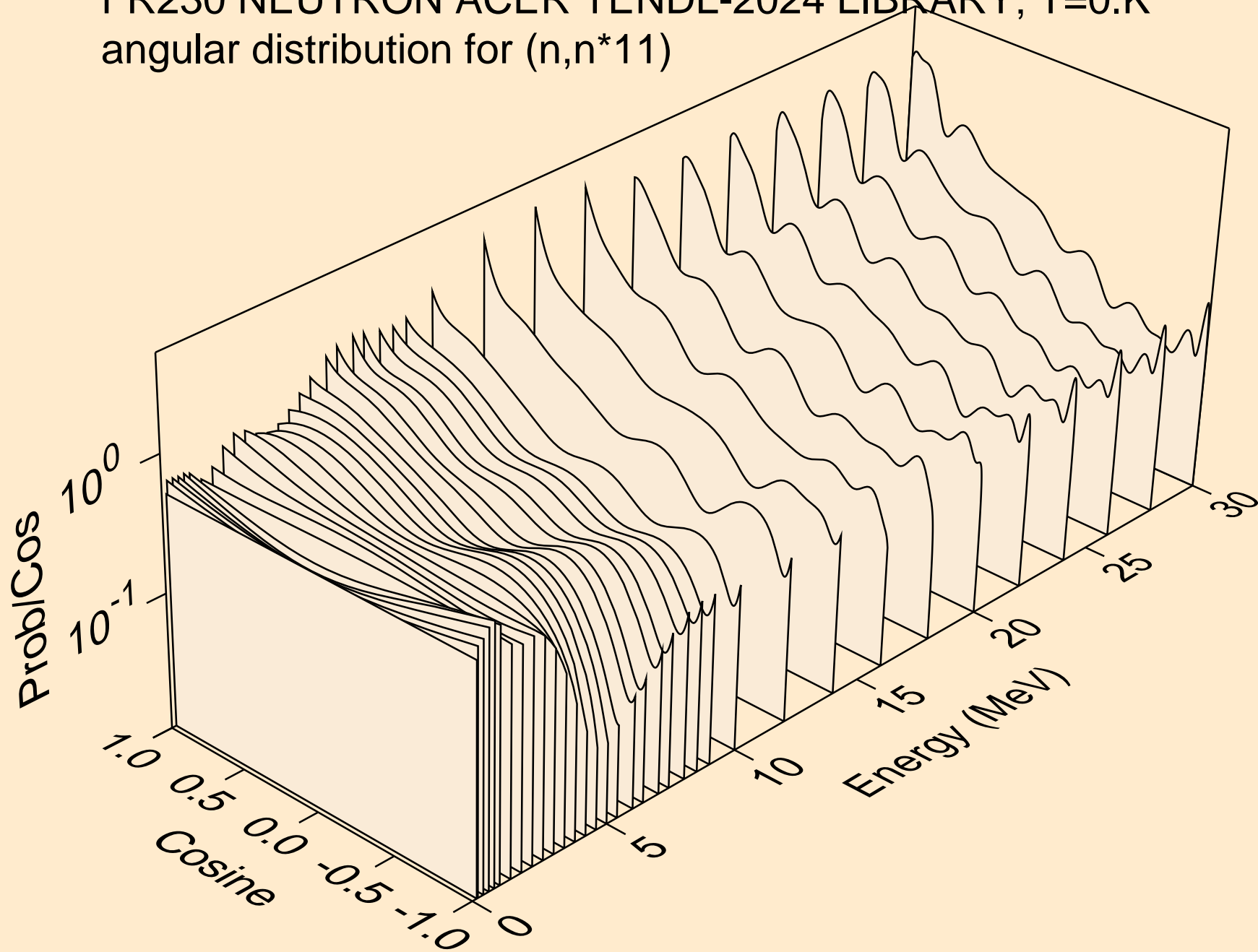
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



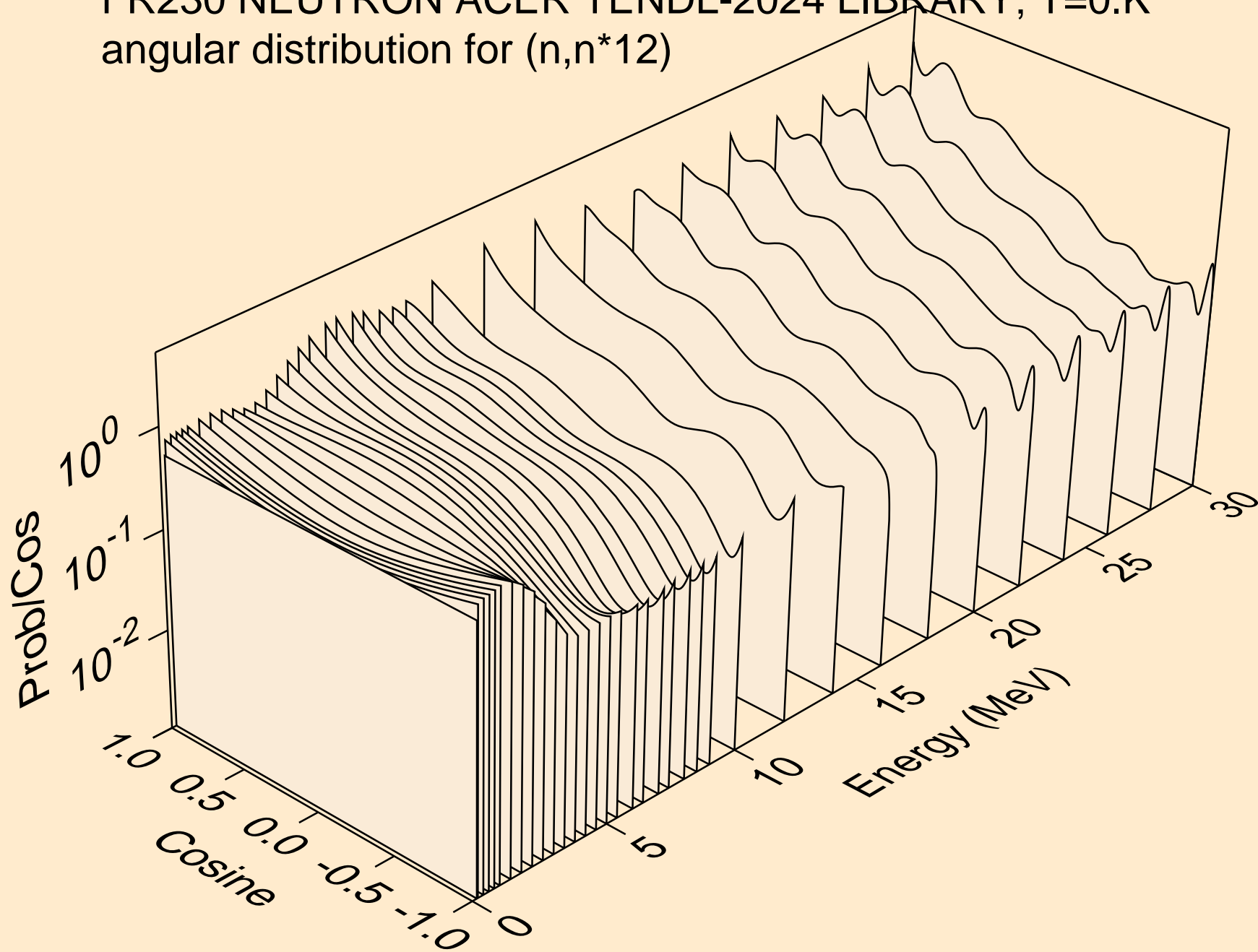
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



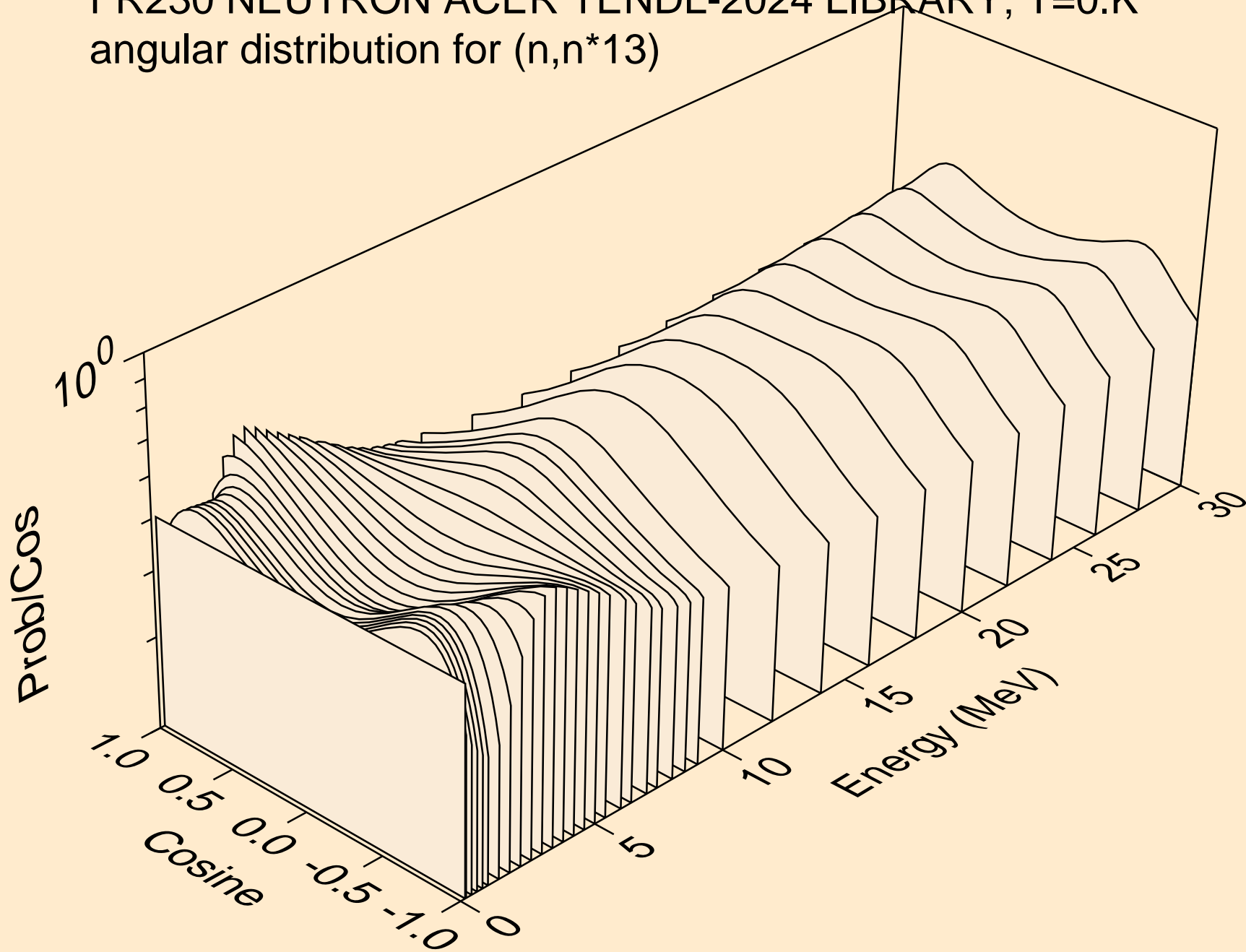
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)

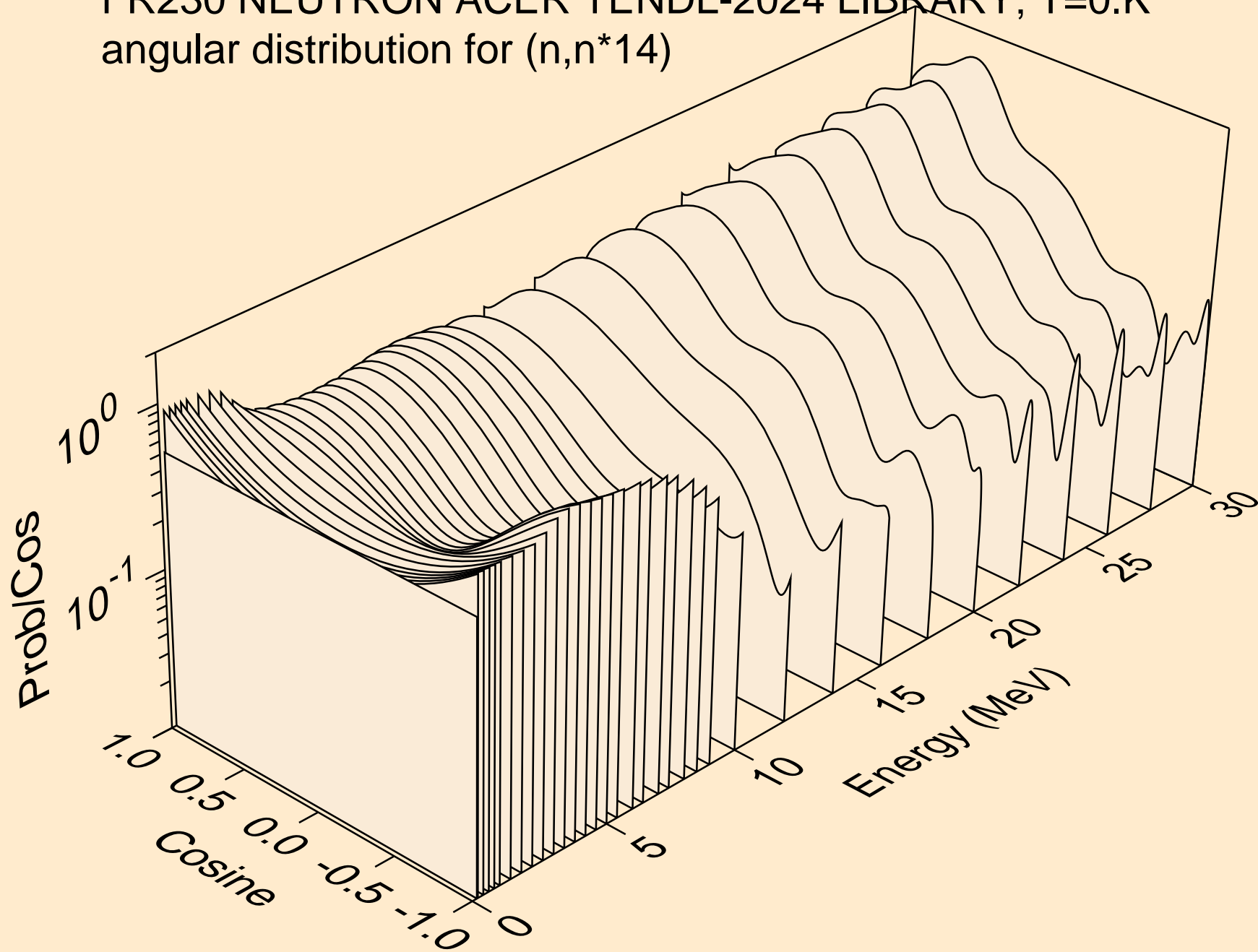


FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)

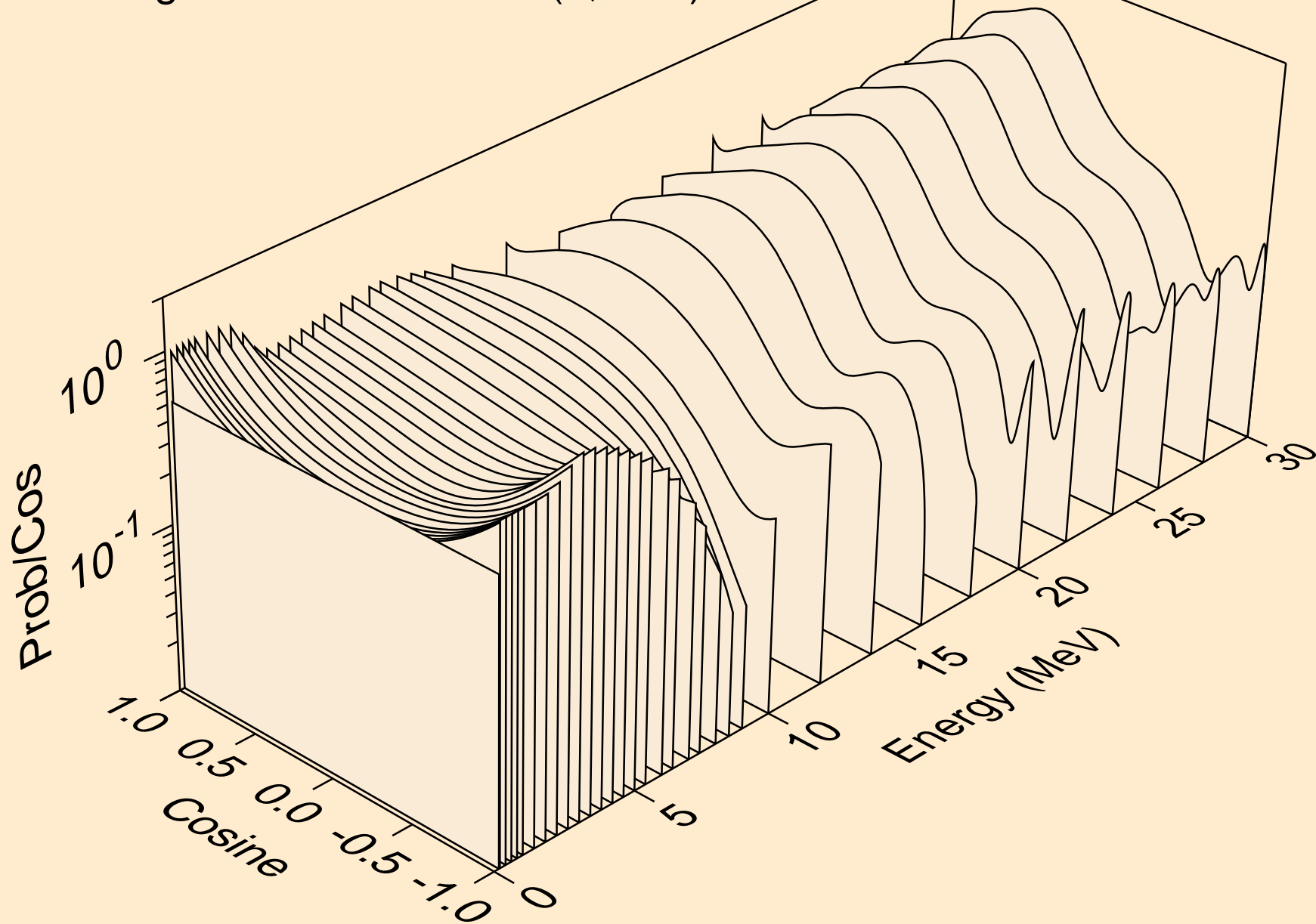




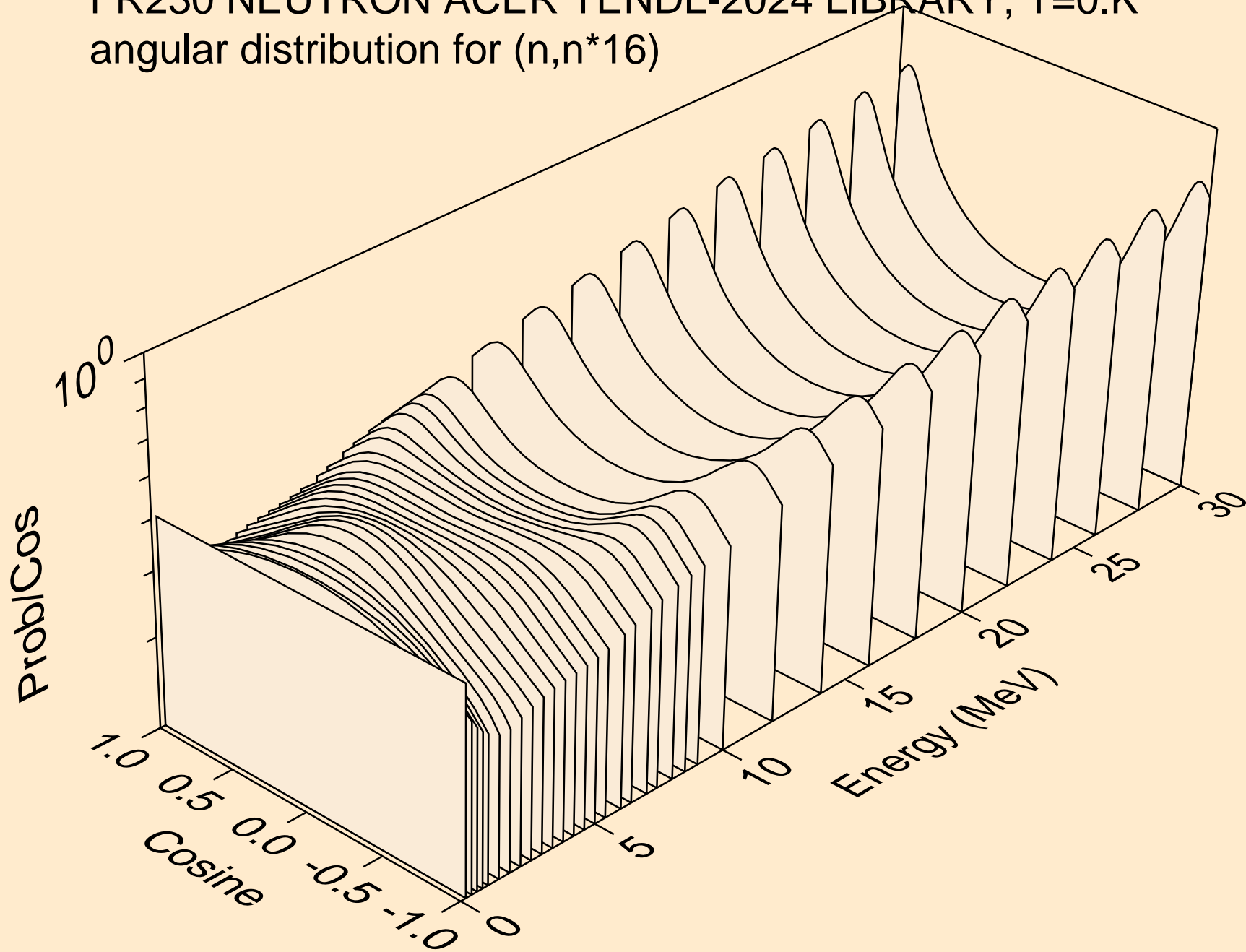
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



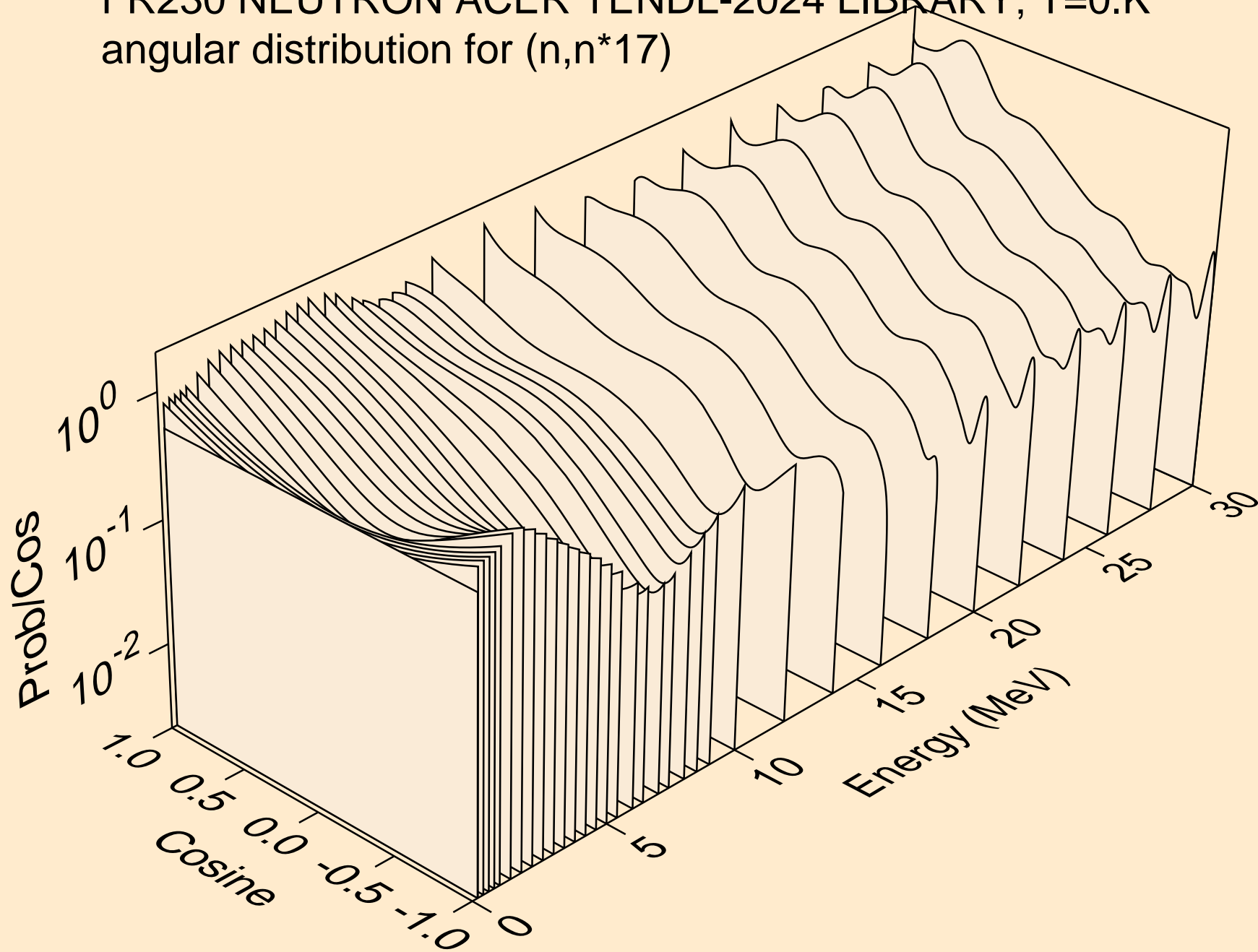
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



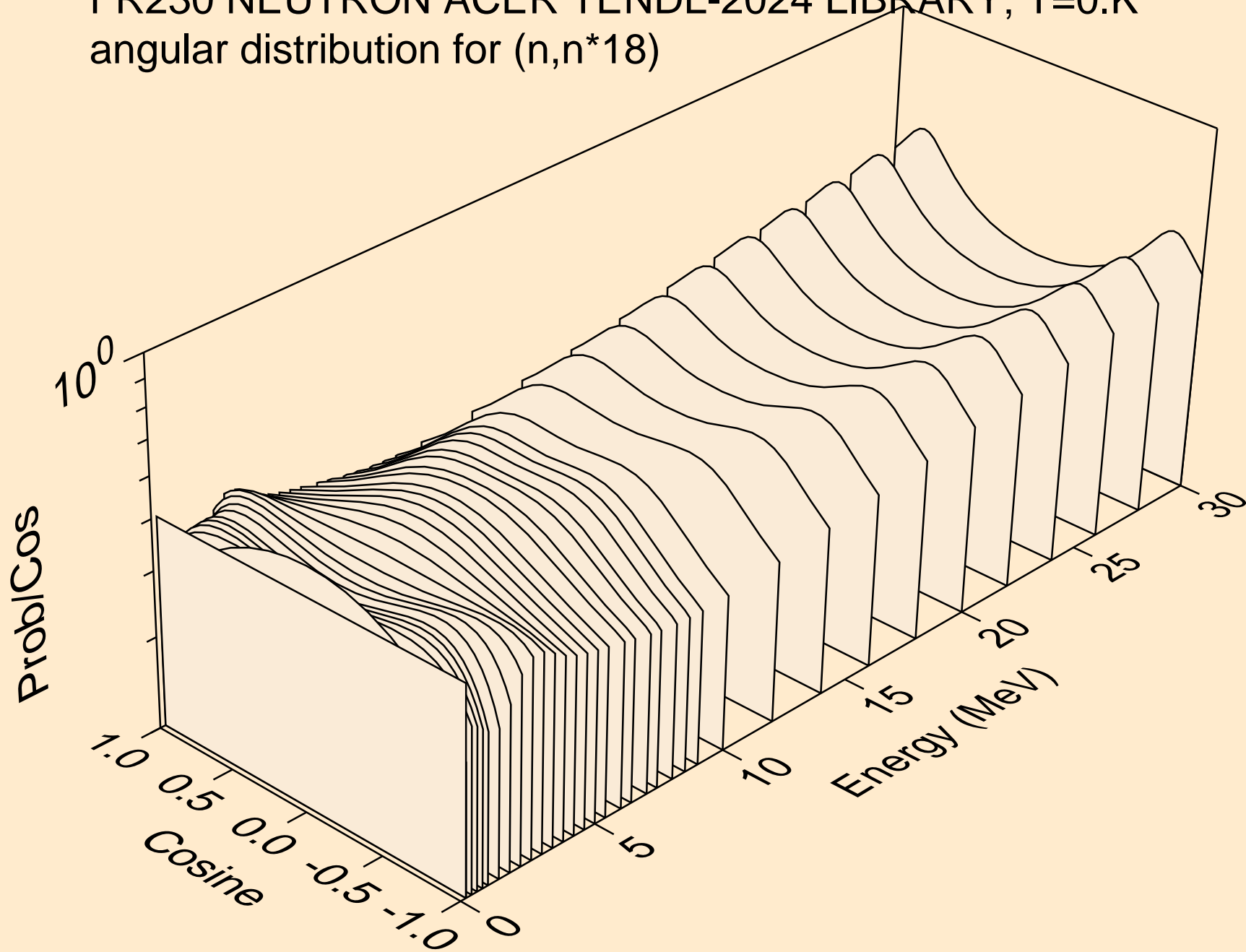
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



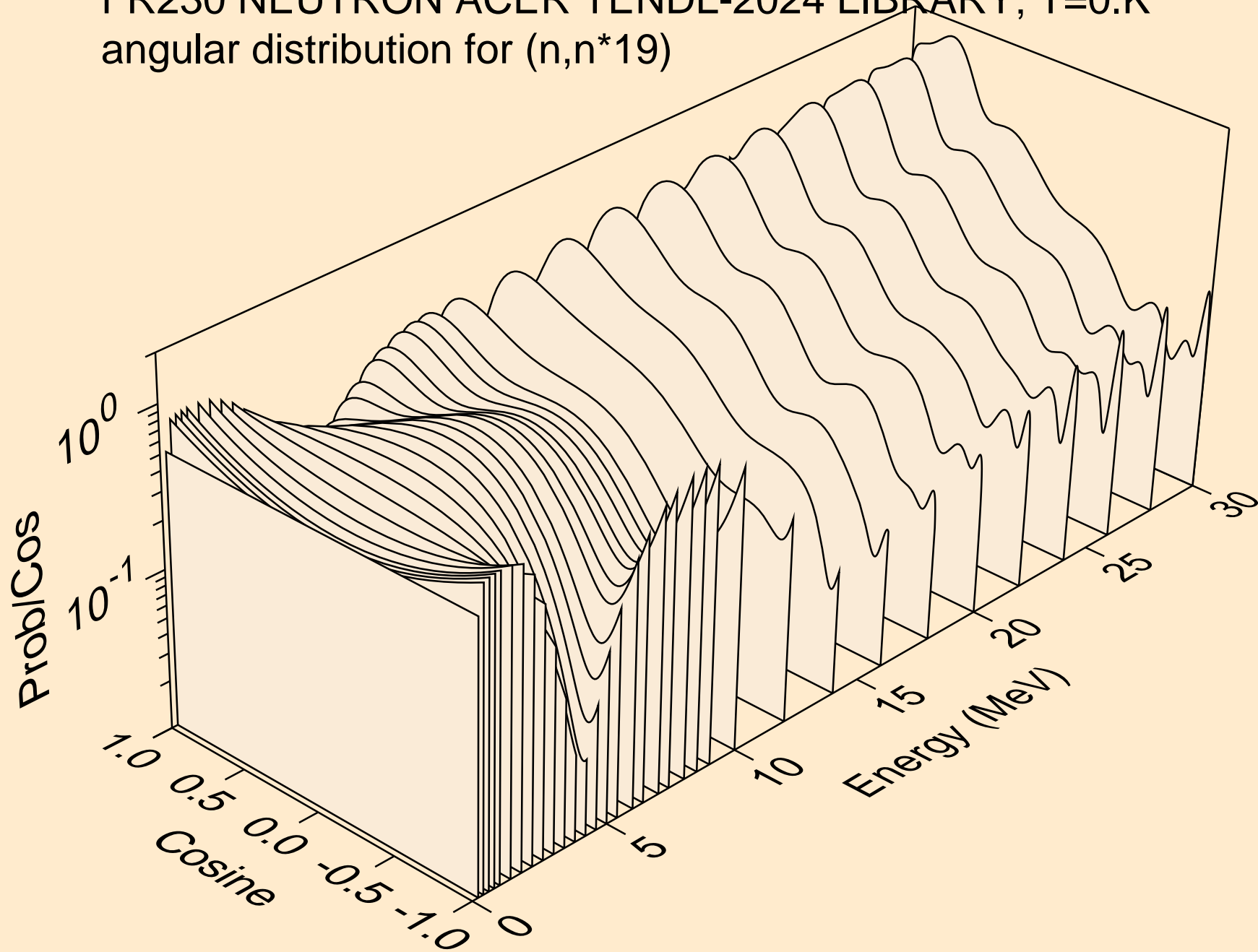
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



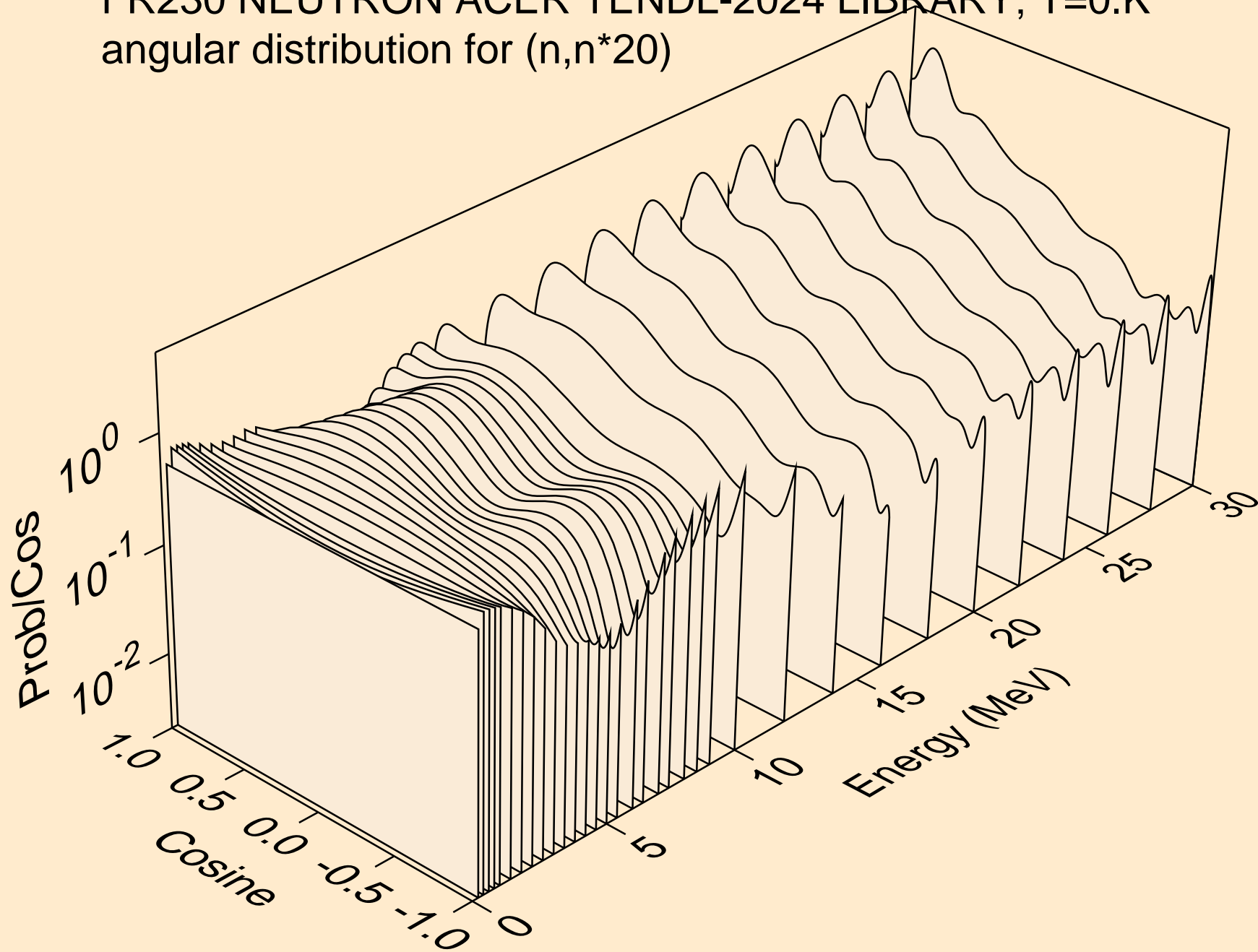
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)



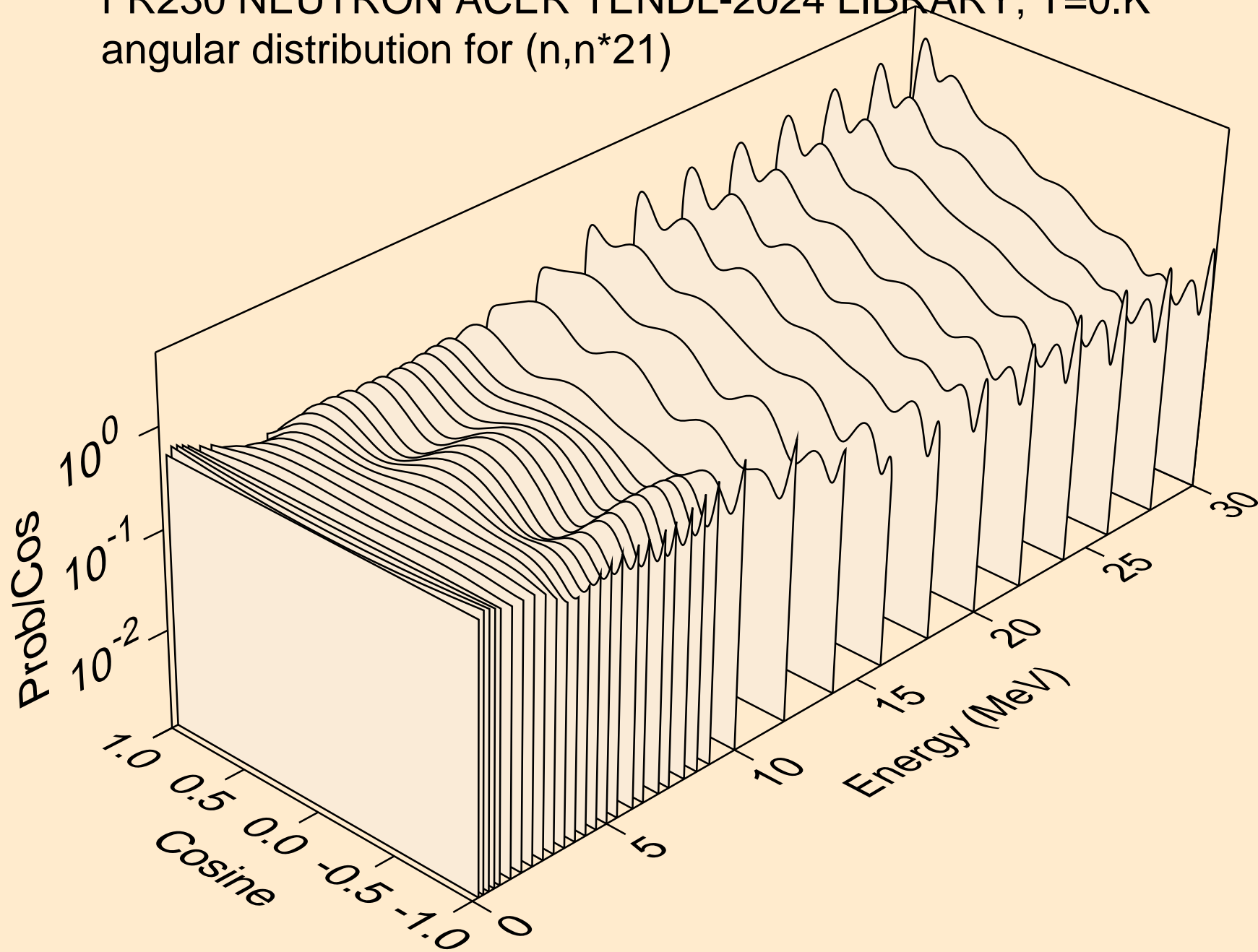
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*19)



FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)

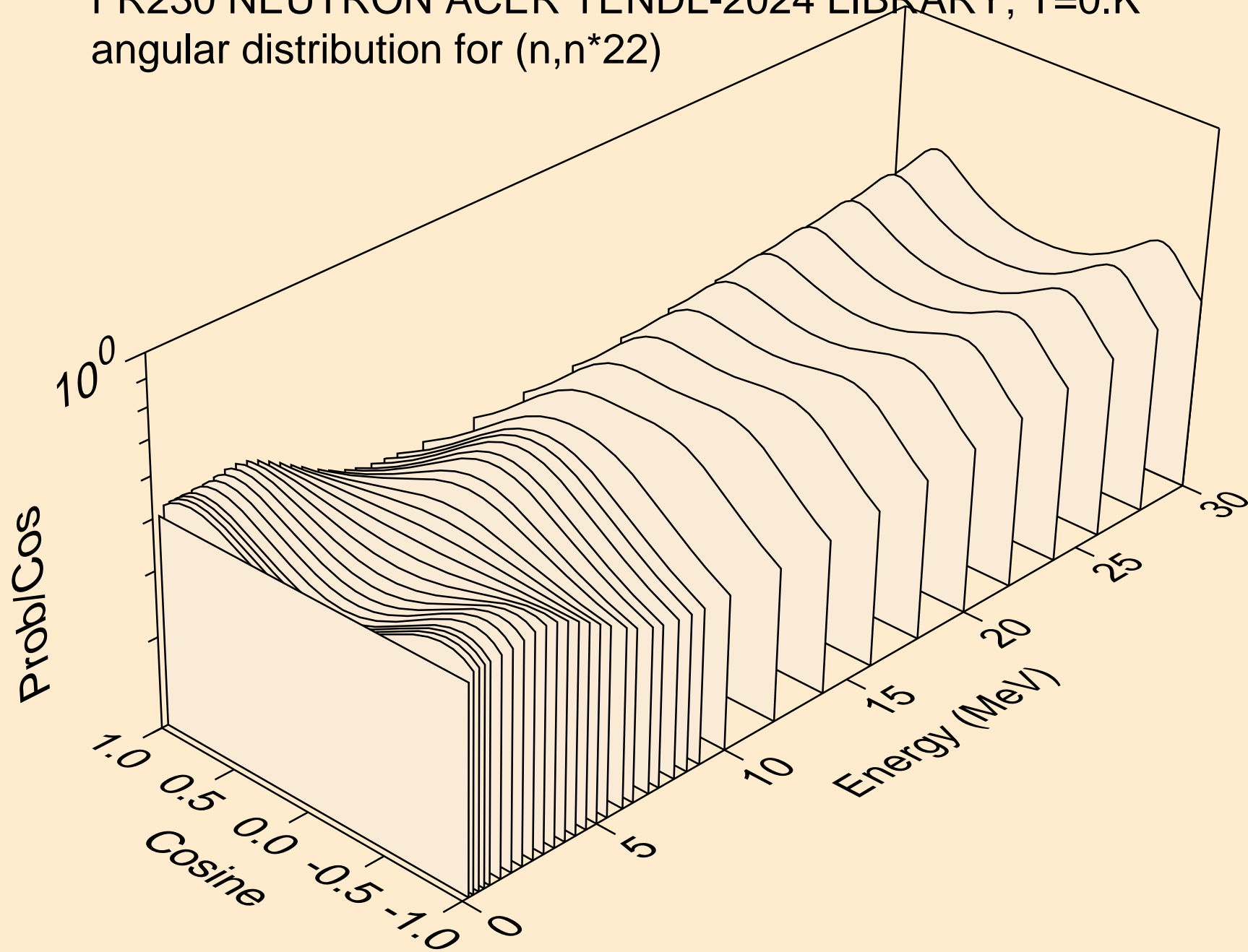


FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*21)

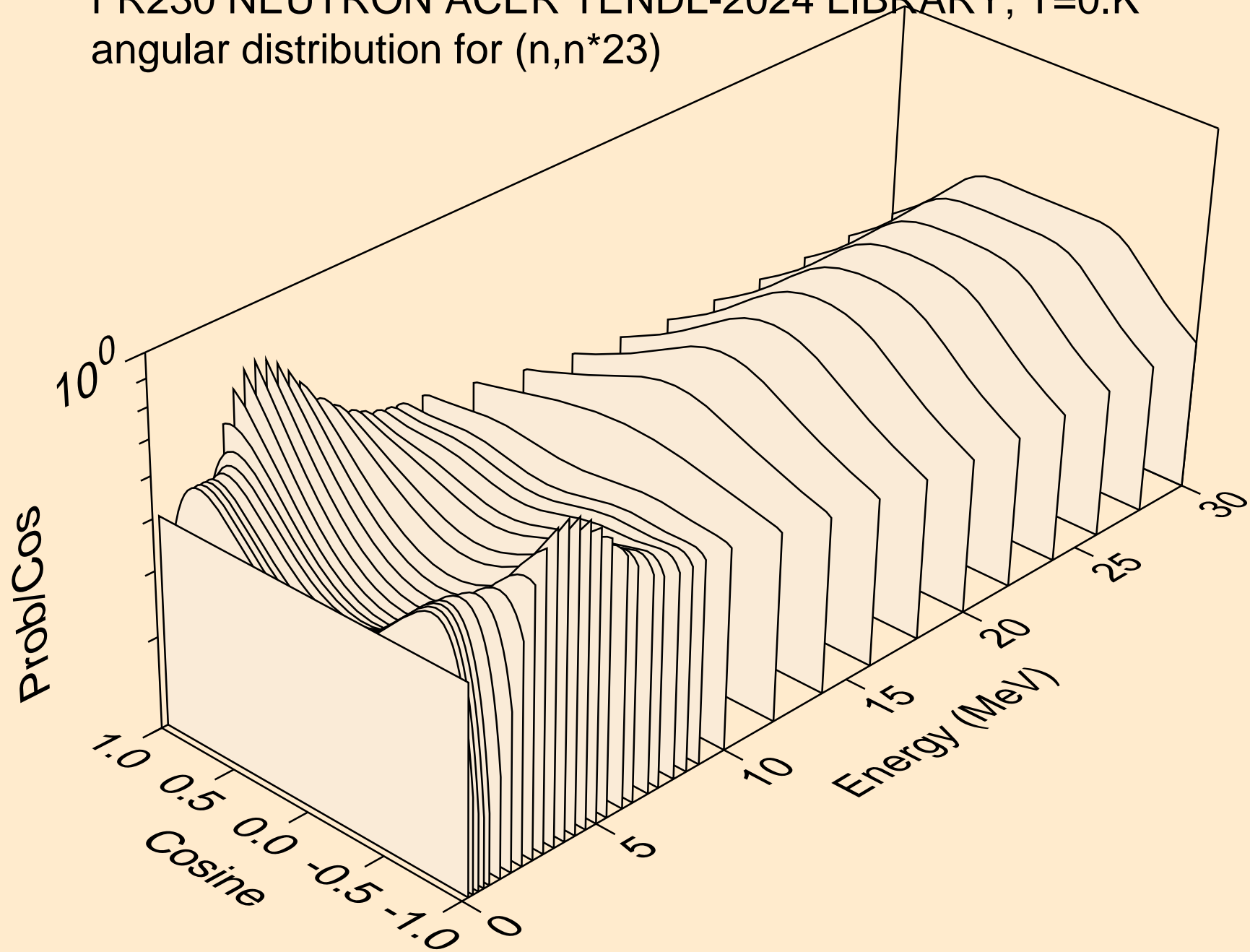




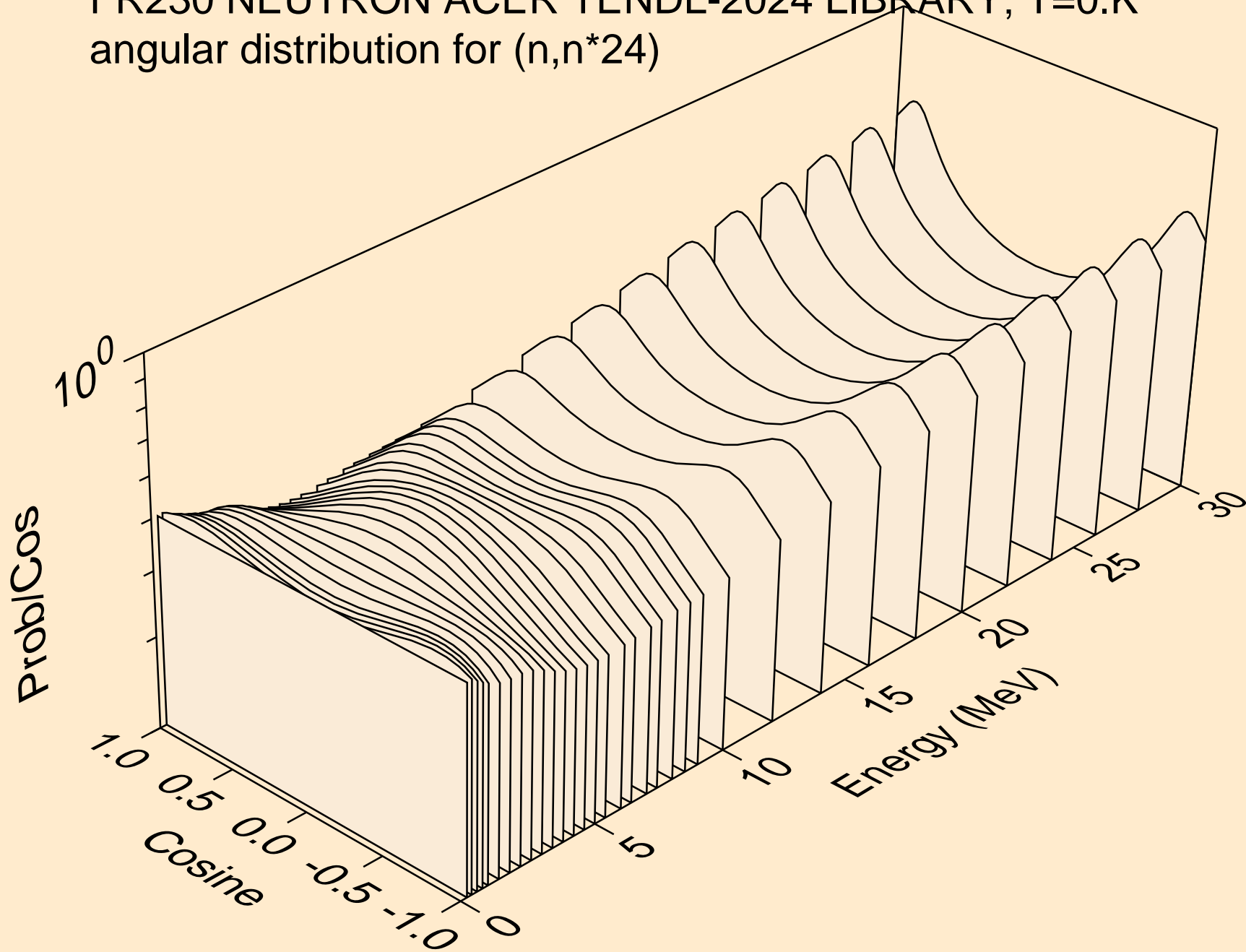
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*22)



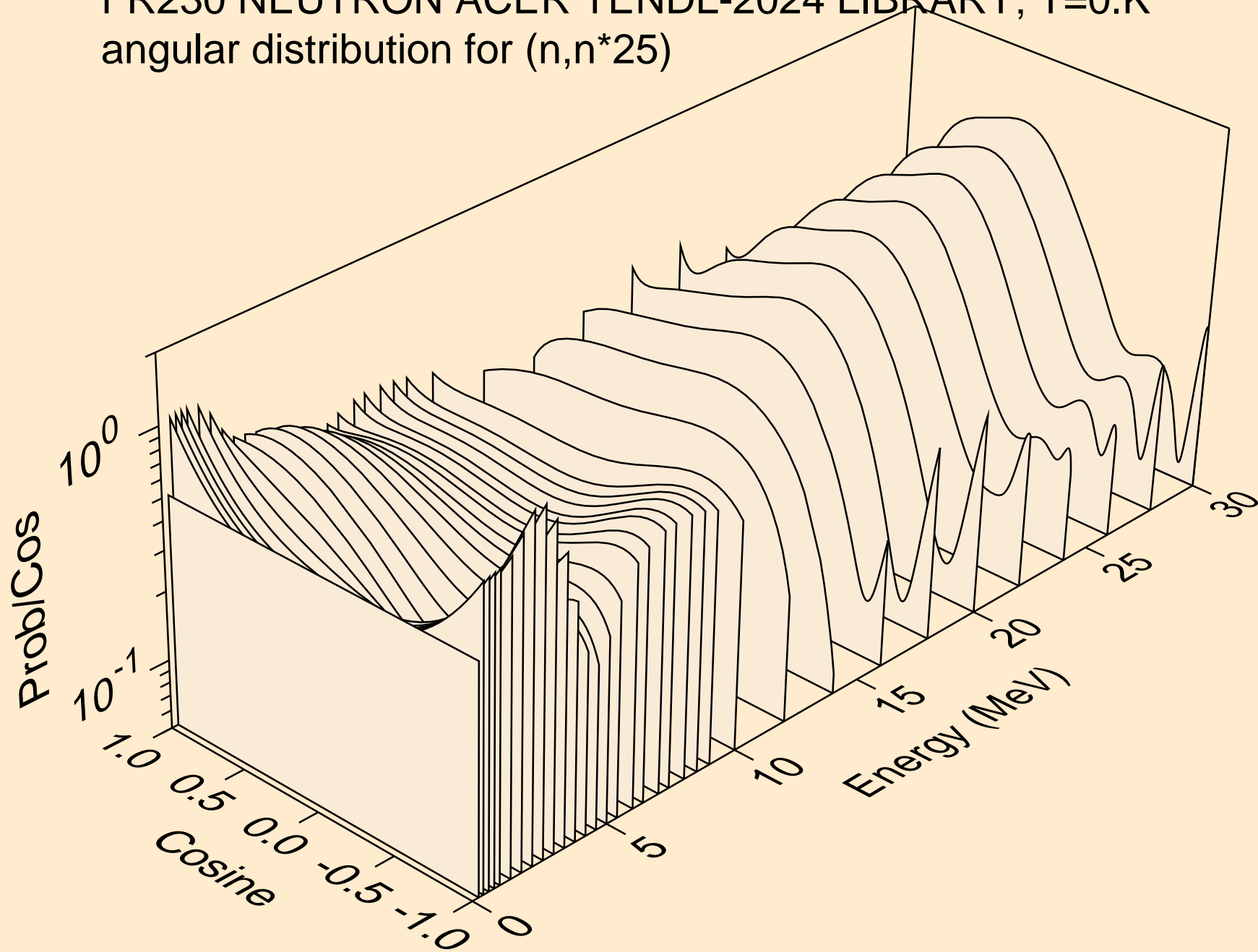
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*23)



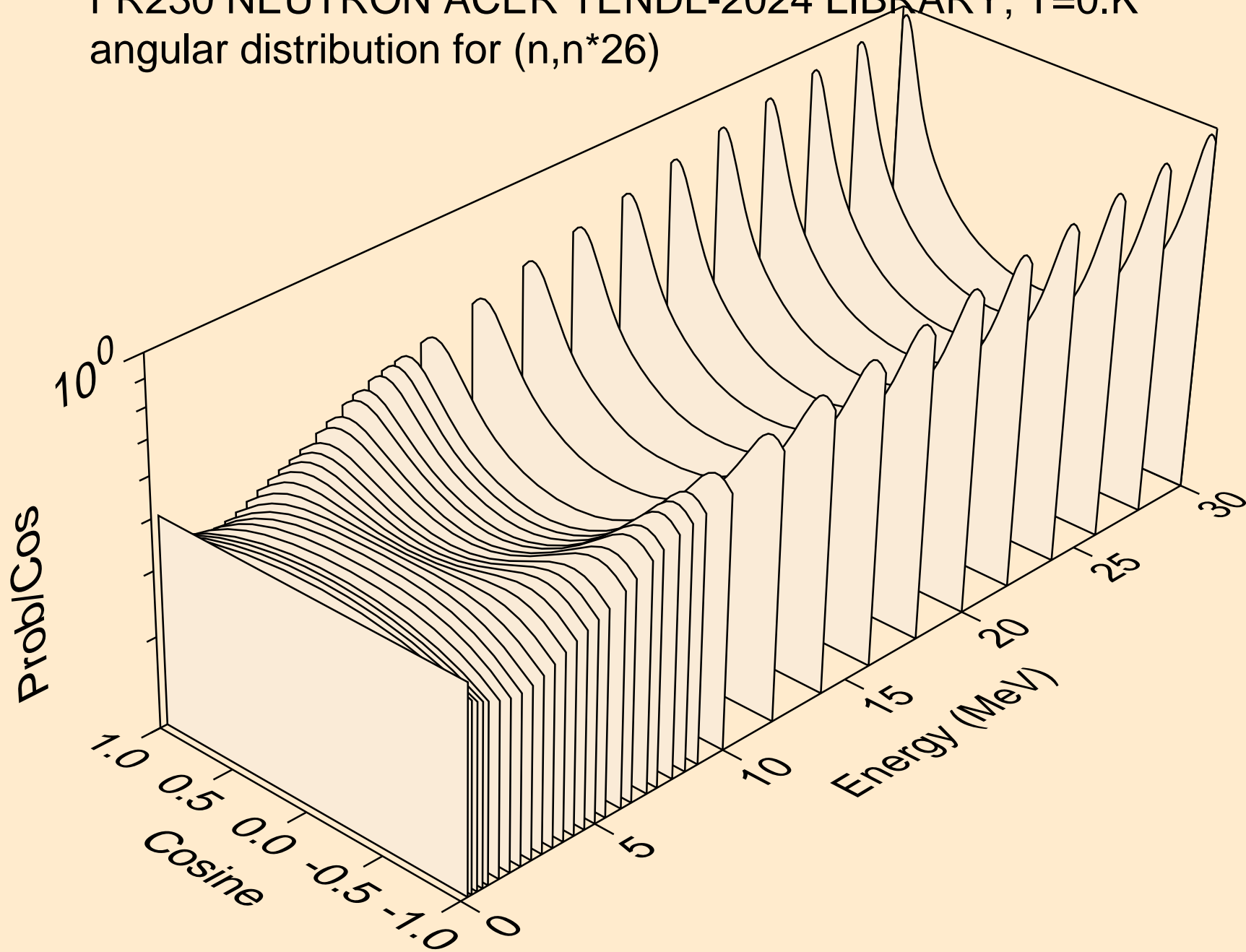
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*24)



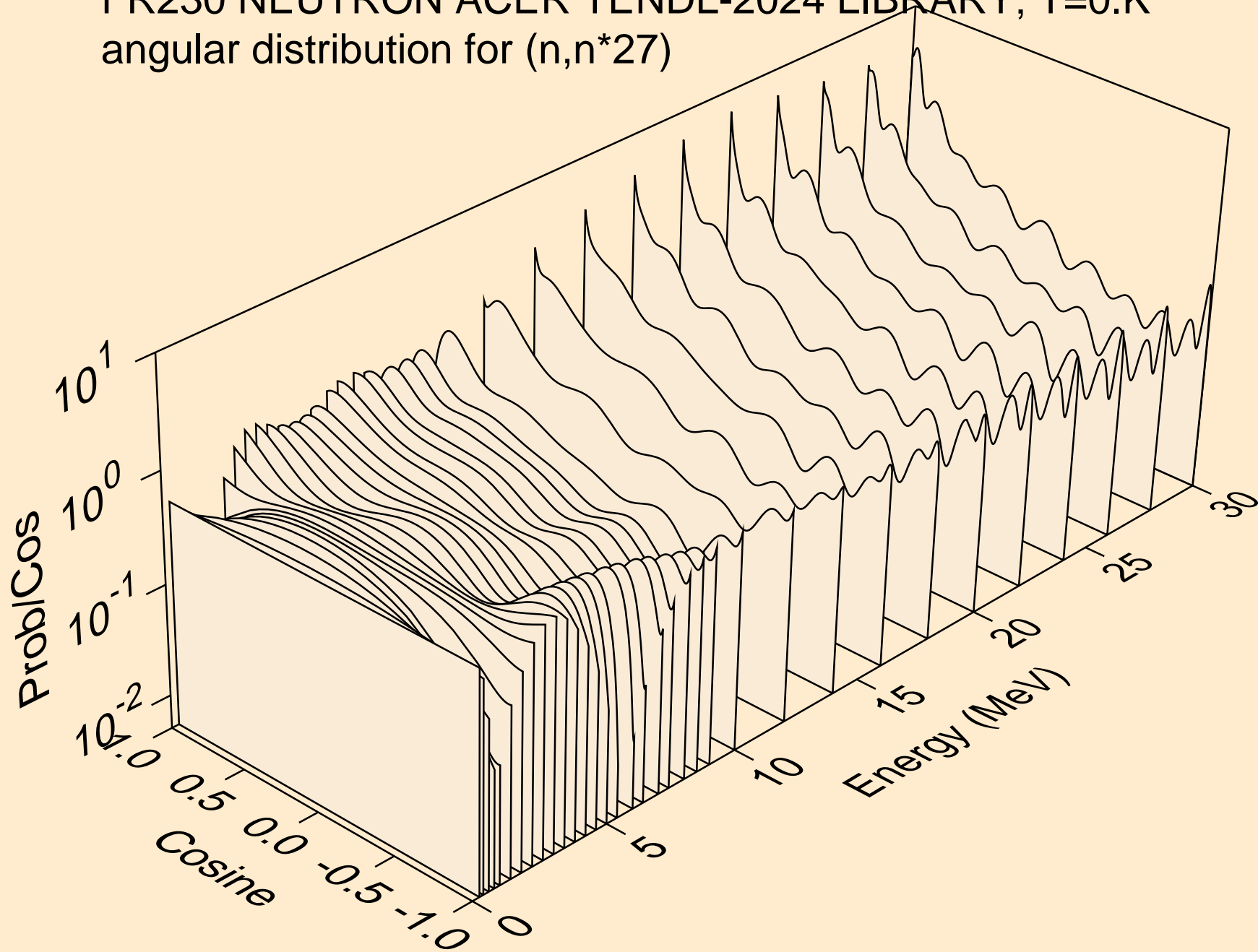
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



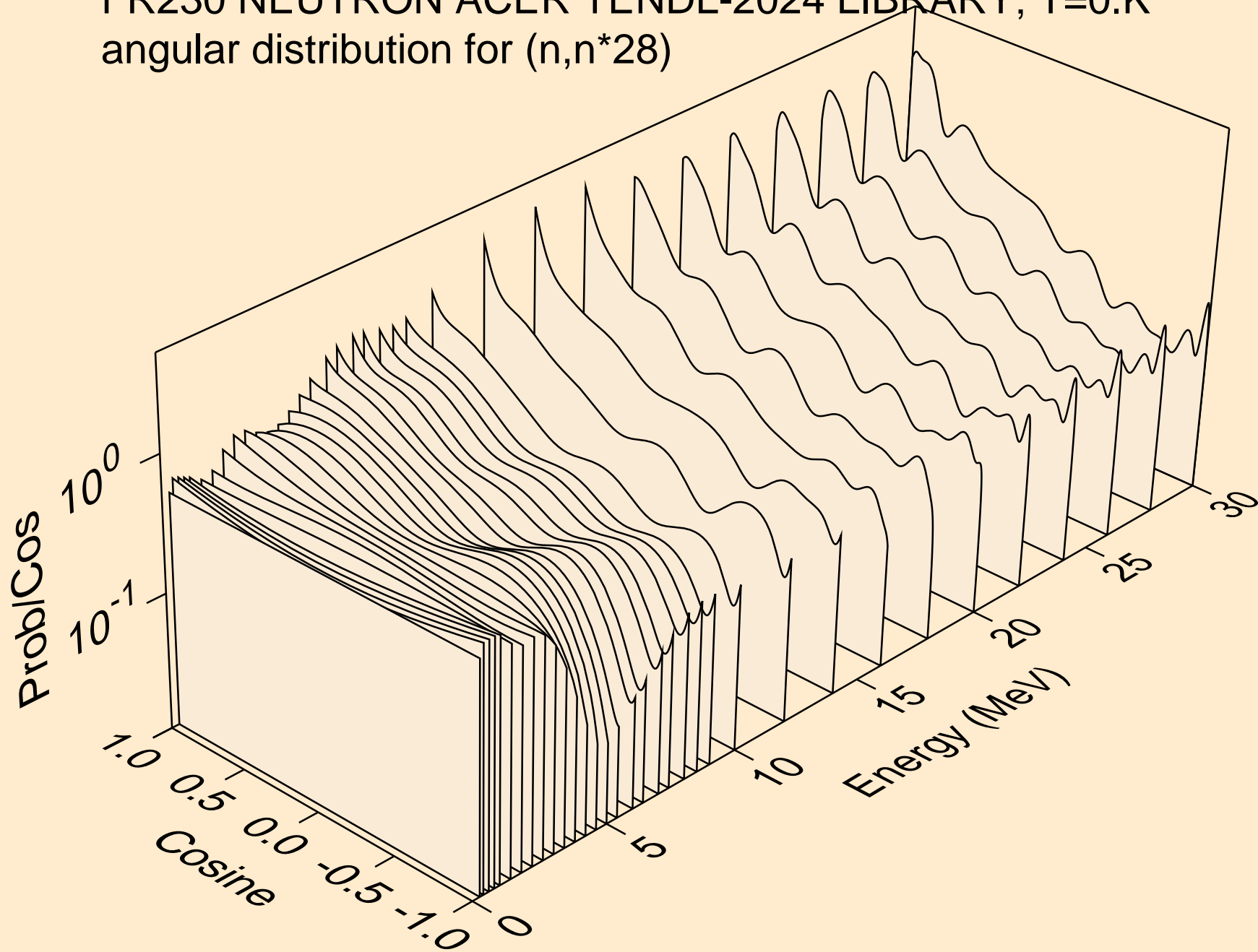
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)



FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)

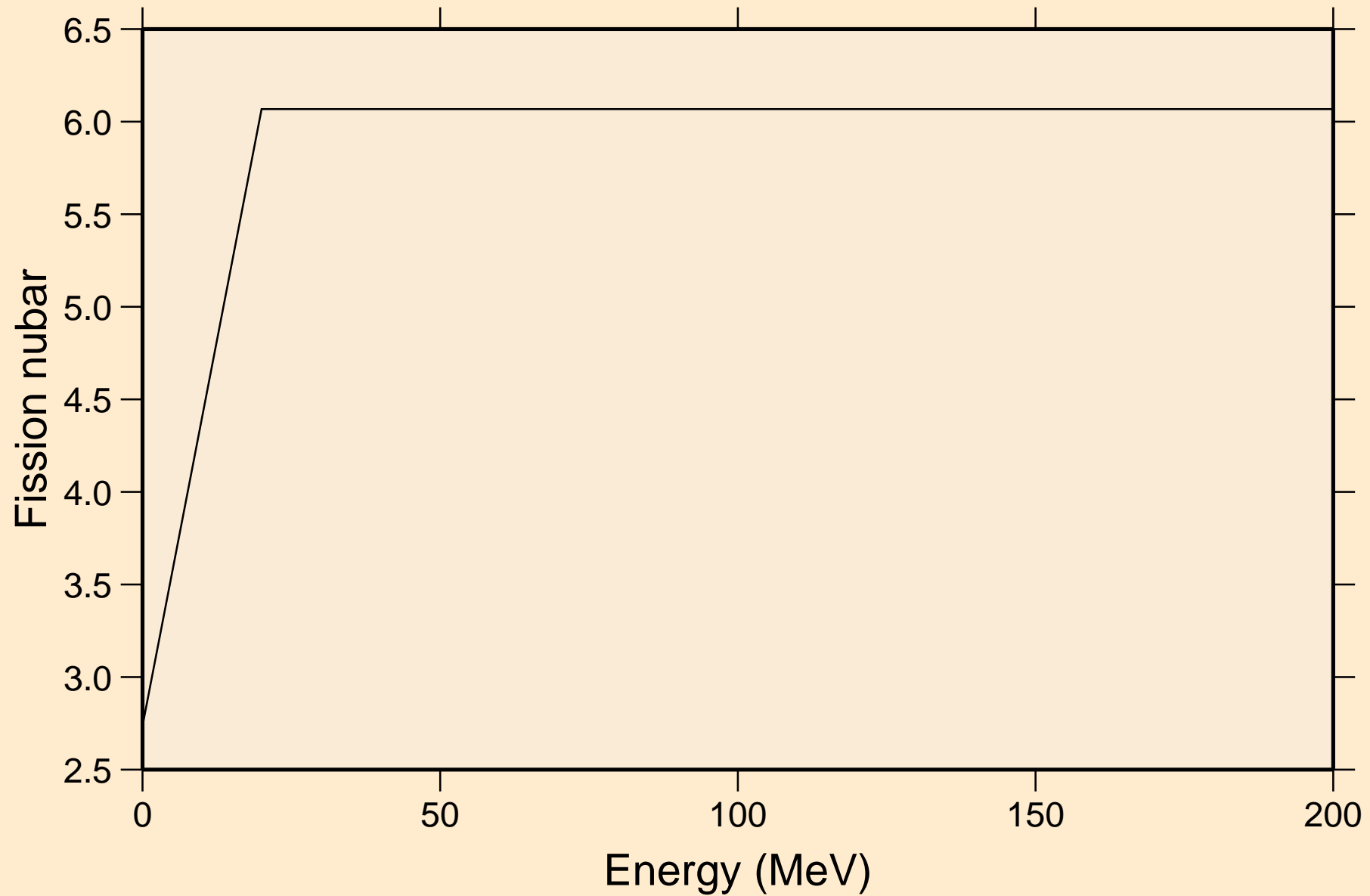


FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*28)



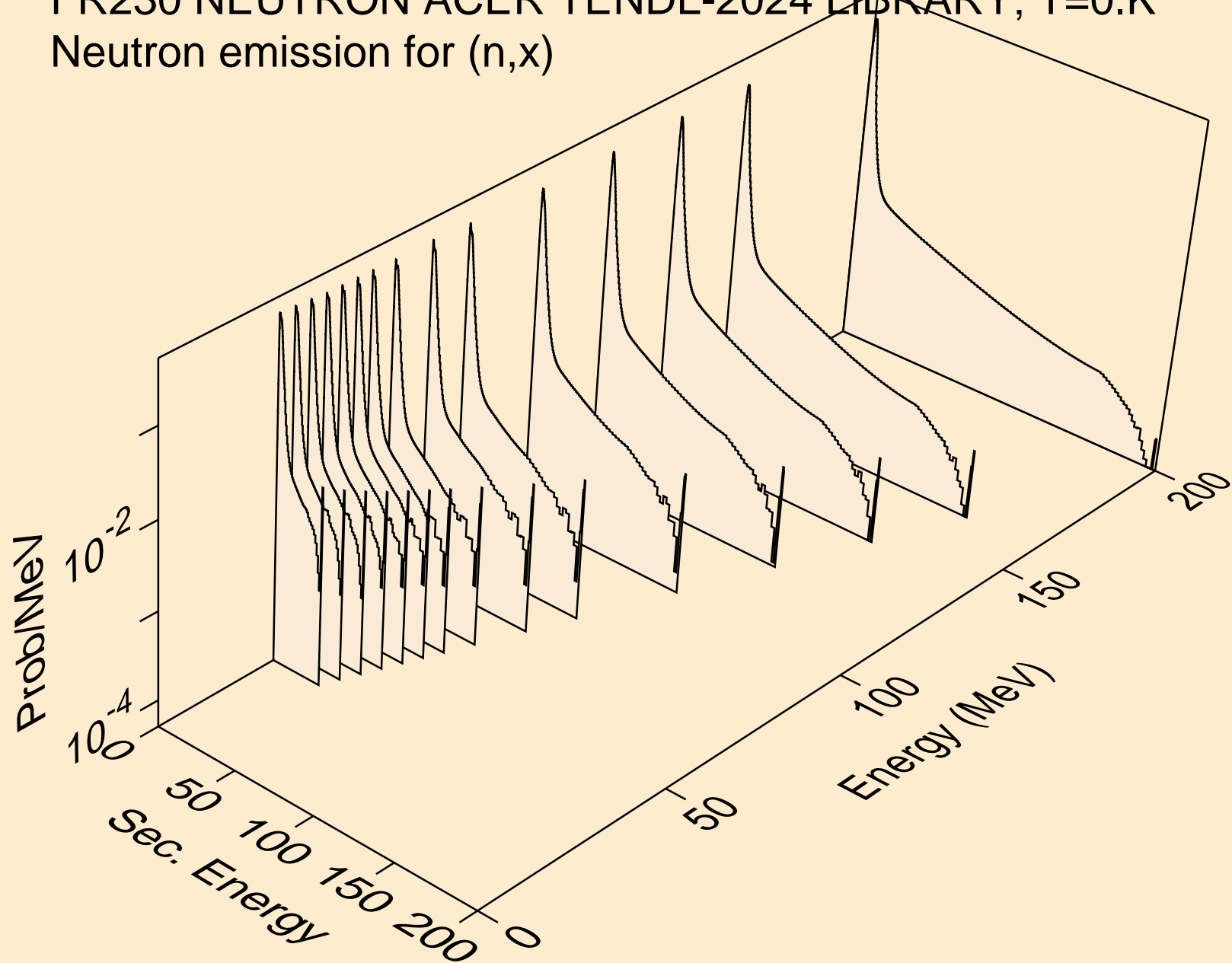
# FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Total fission nubar

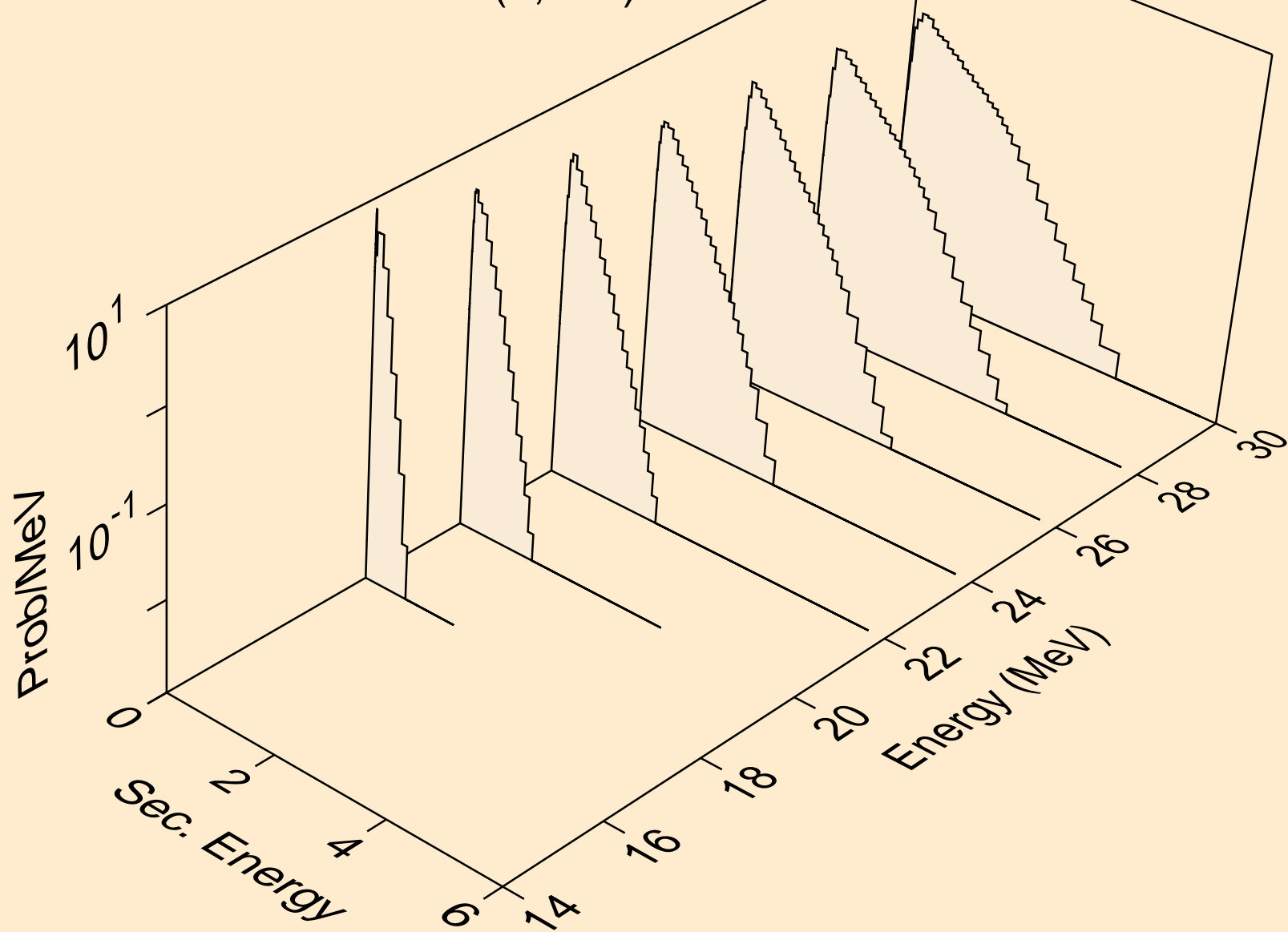




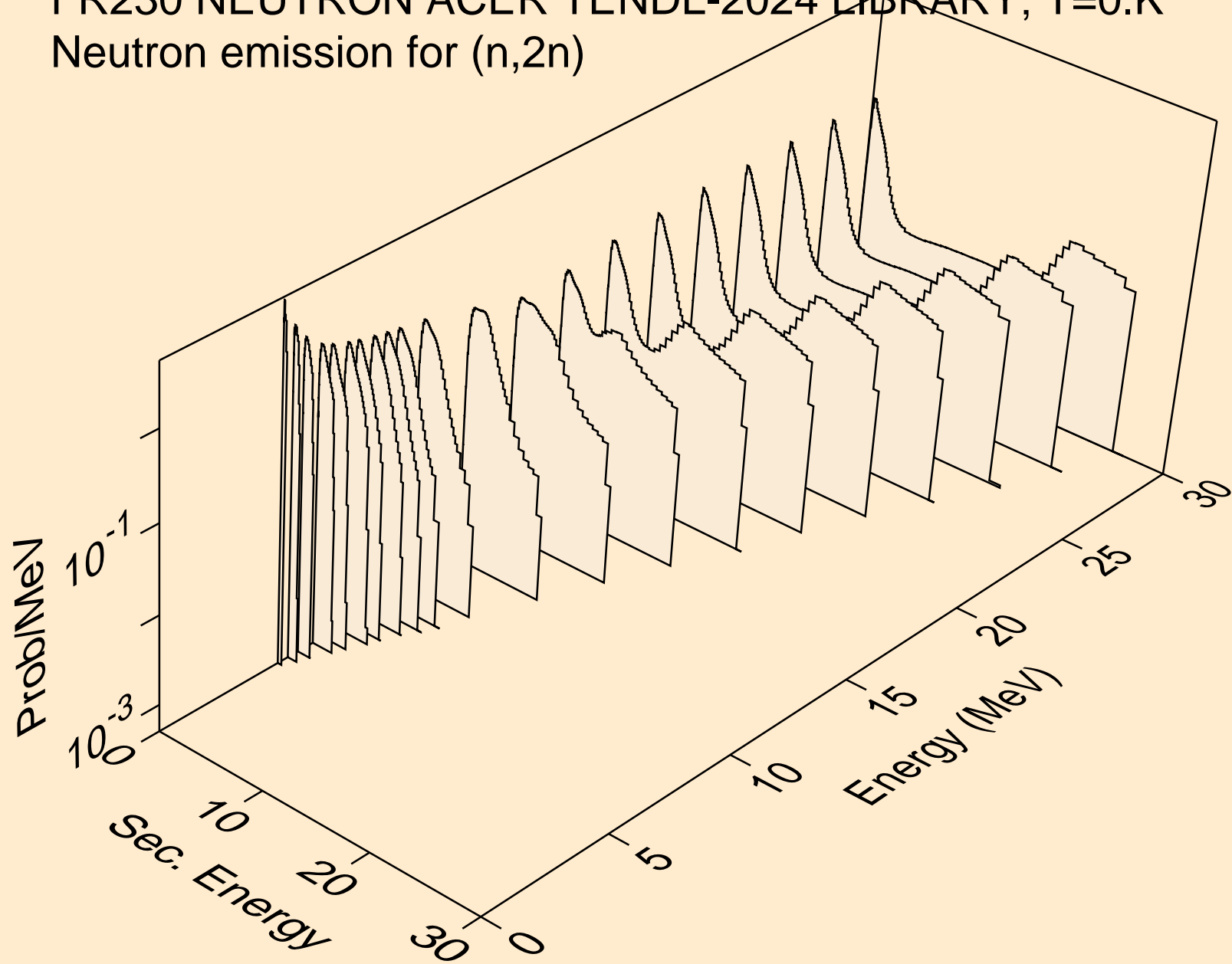
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



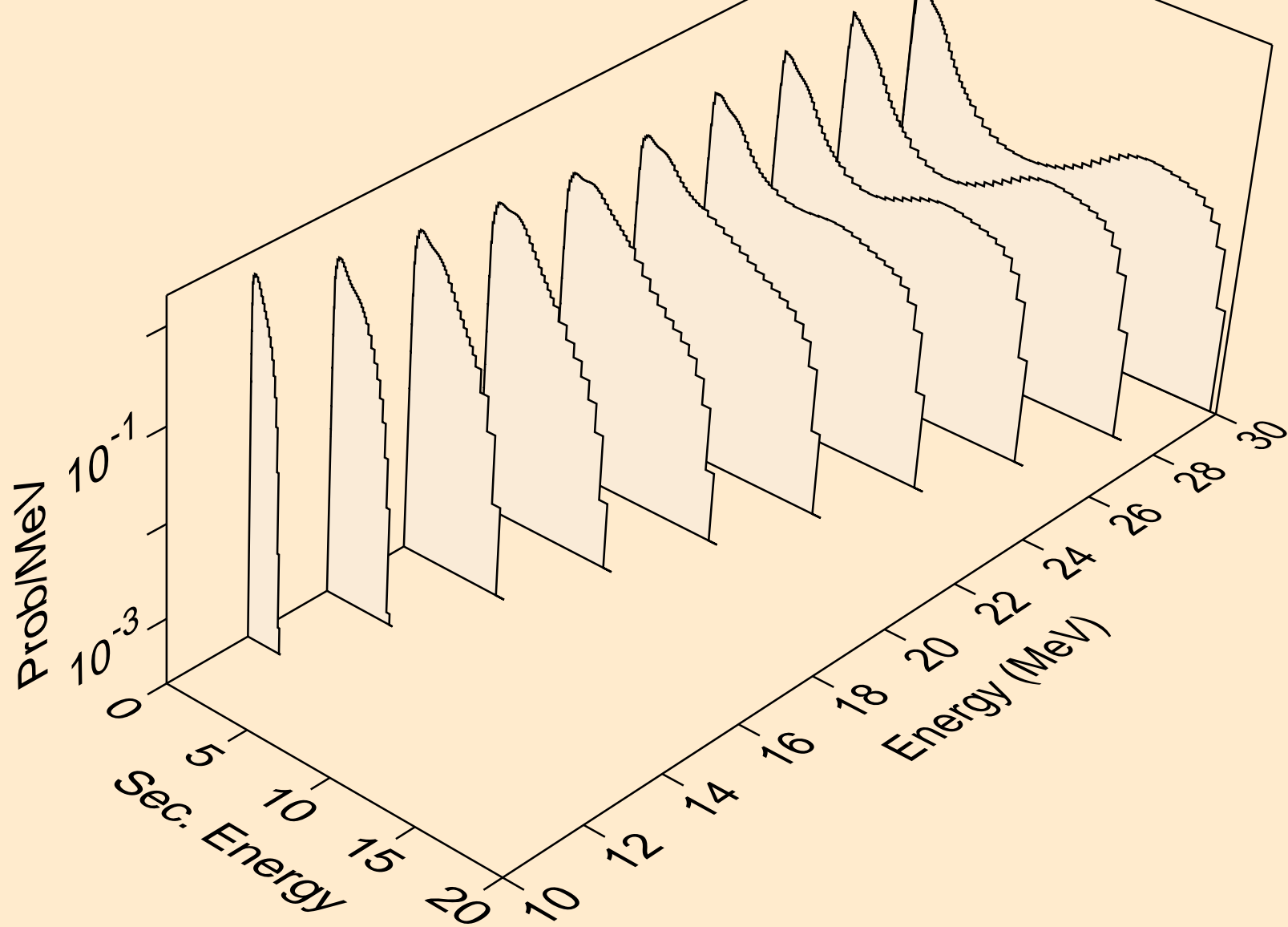
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



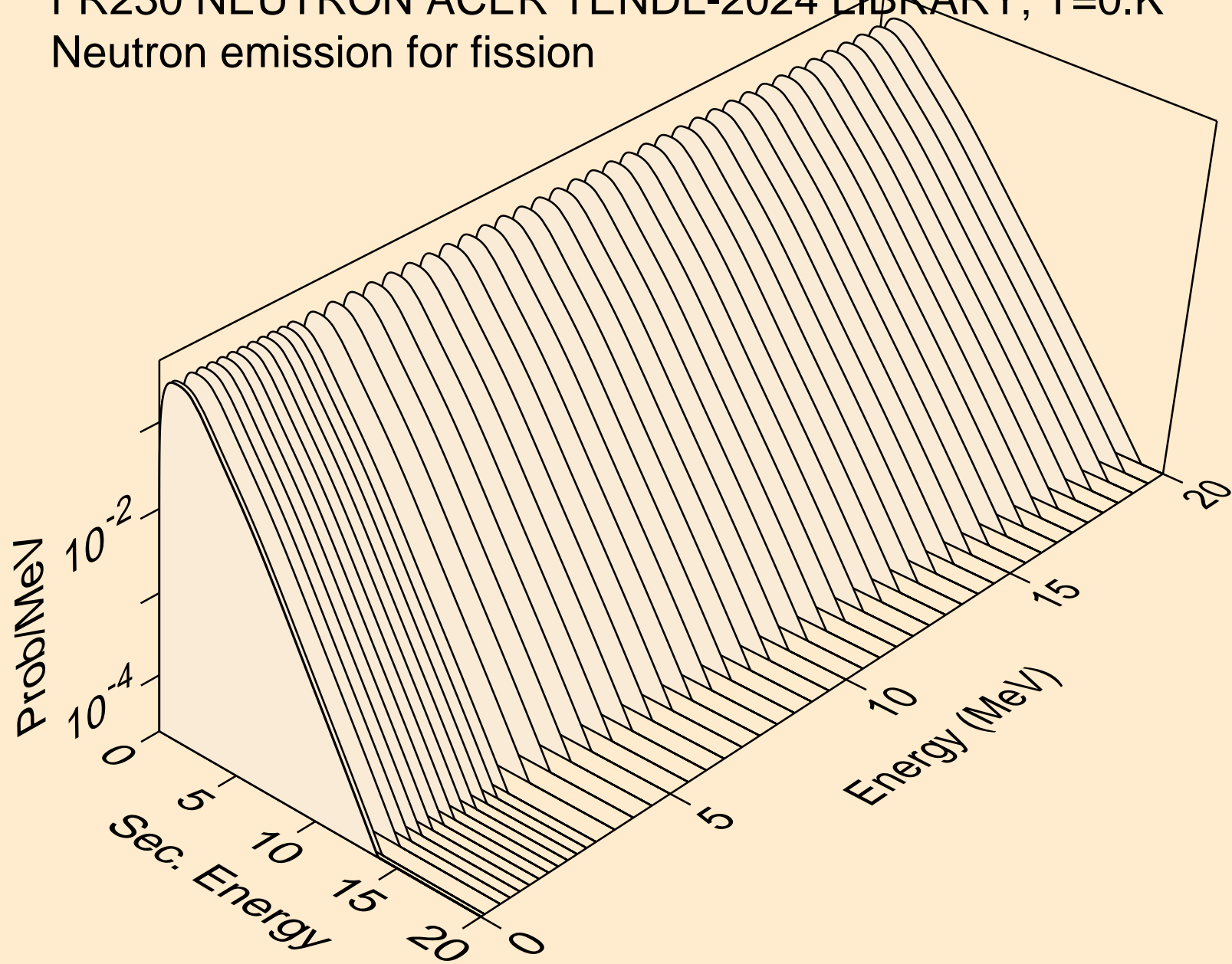
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



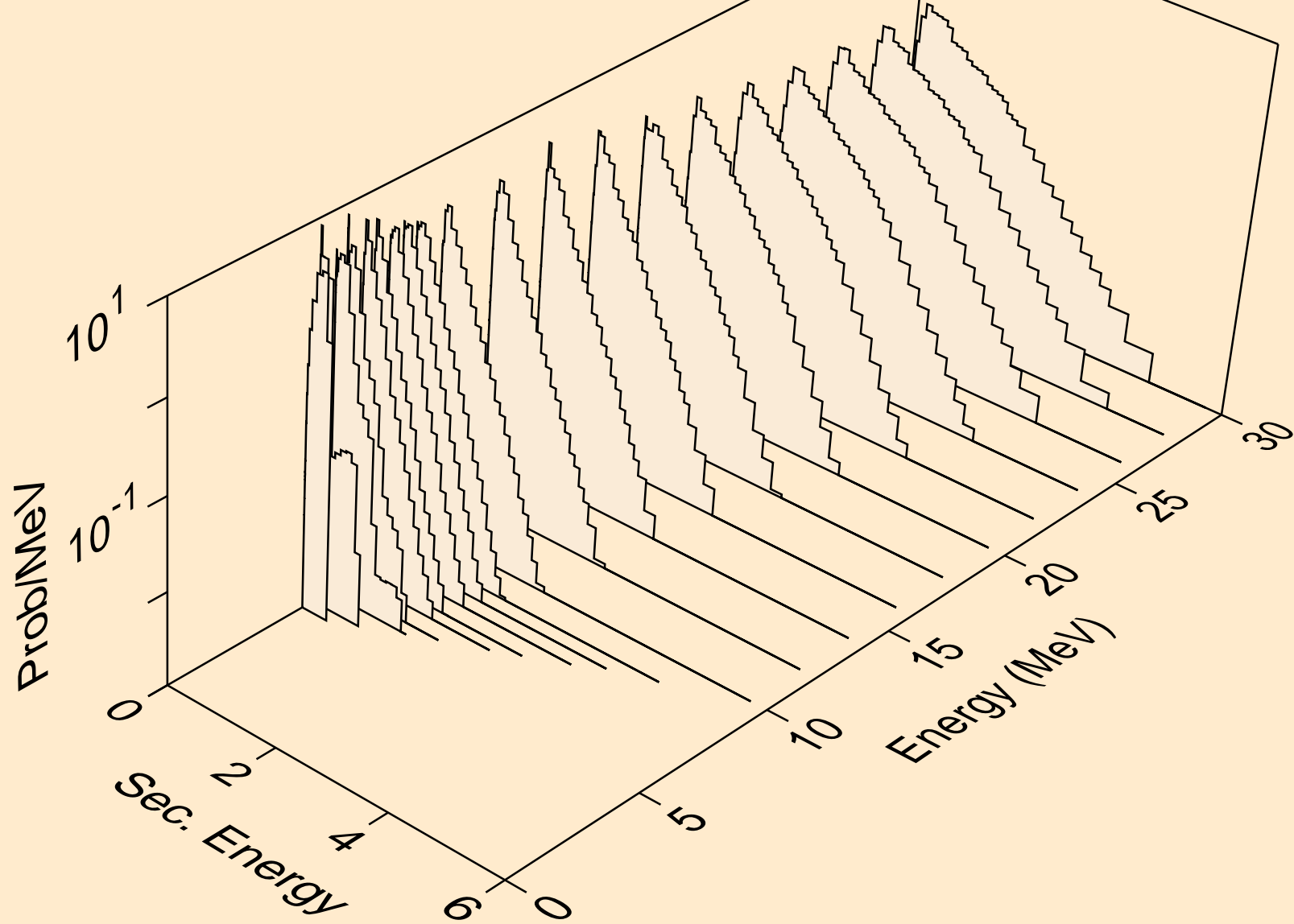
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



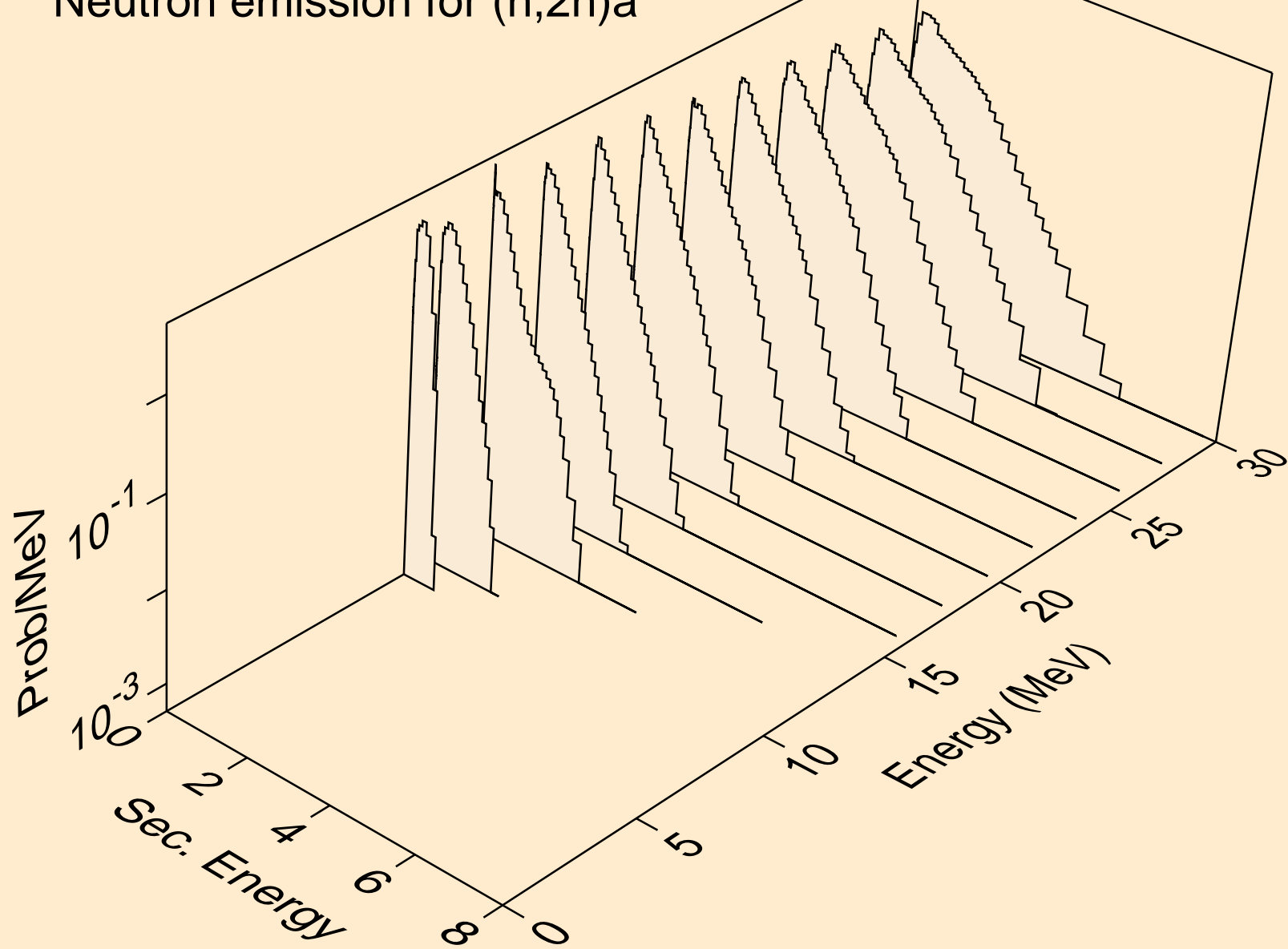
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for fission



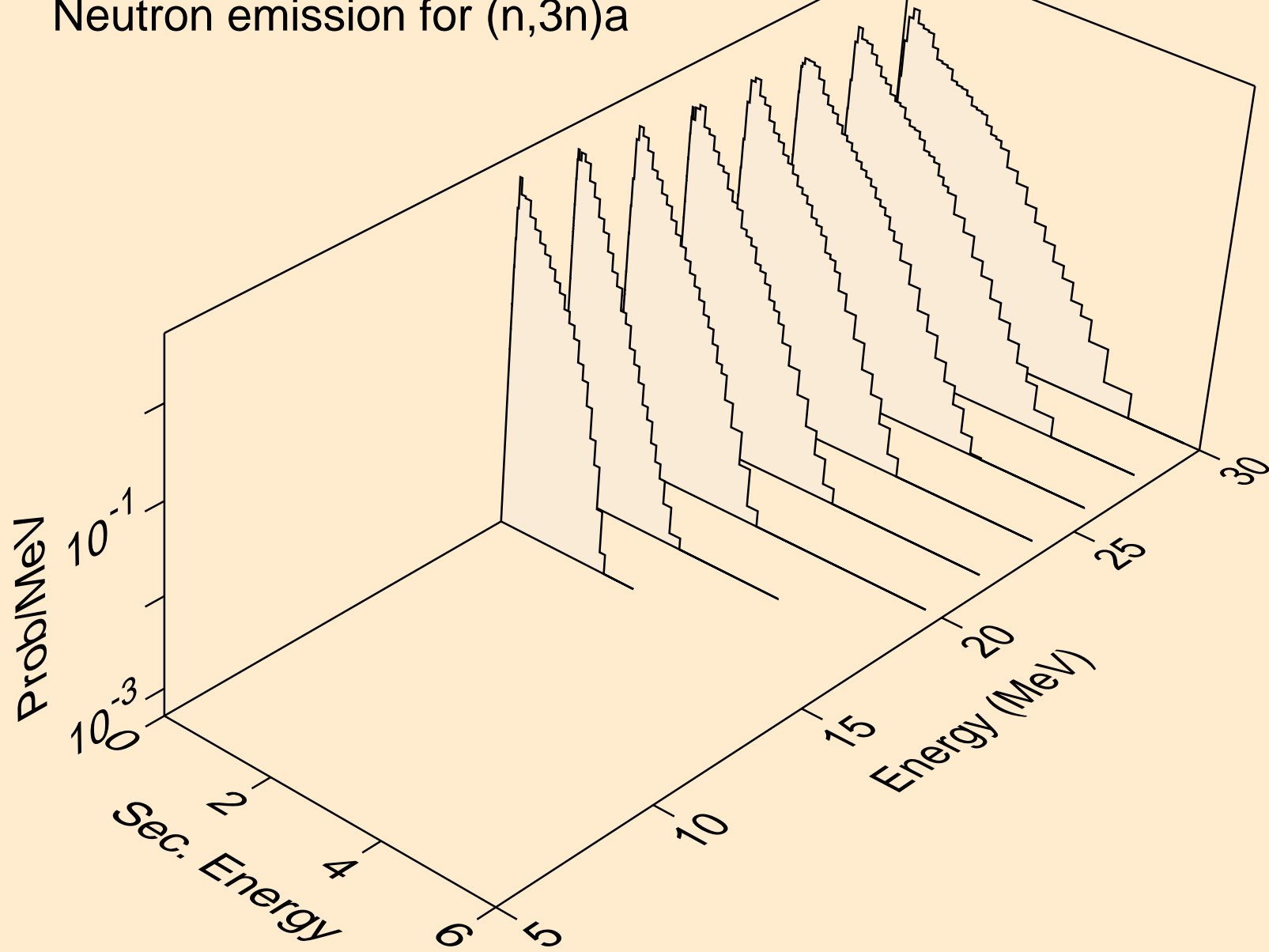
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a

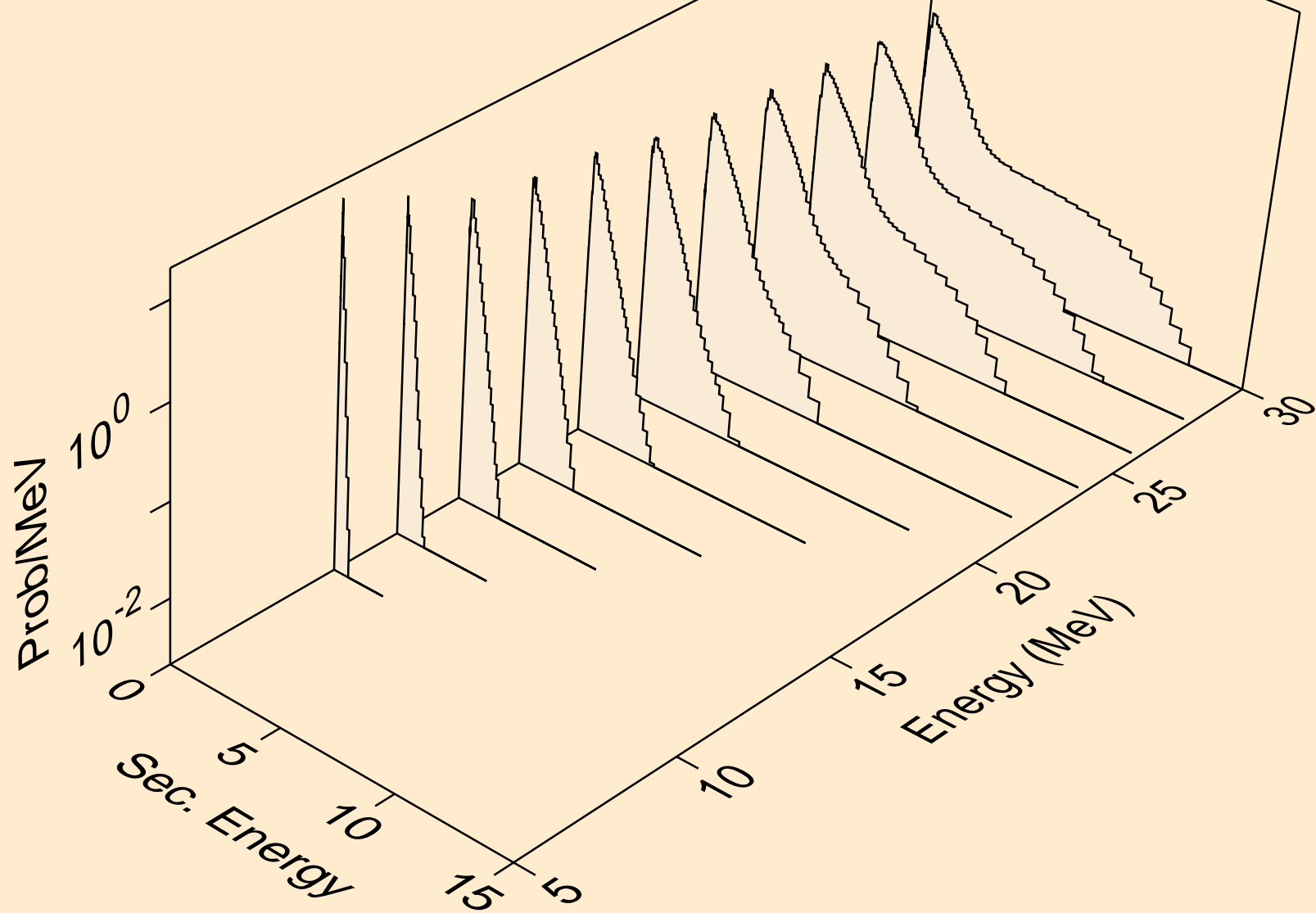


FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a

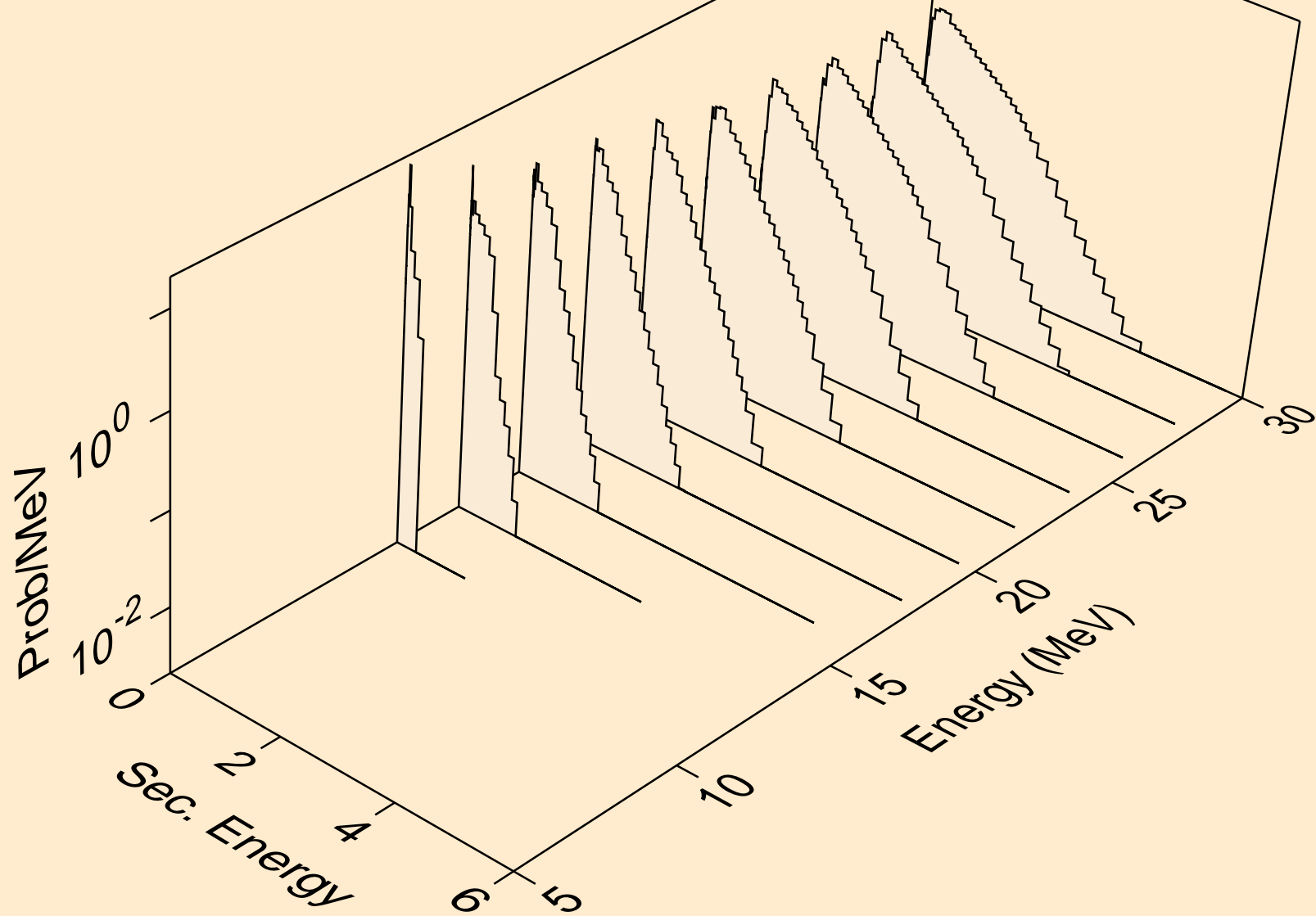




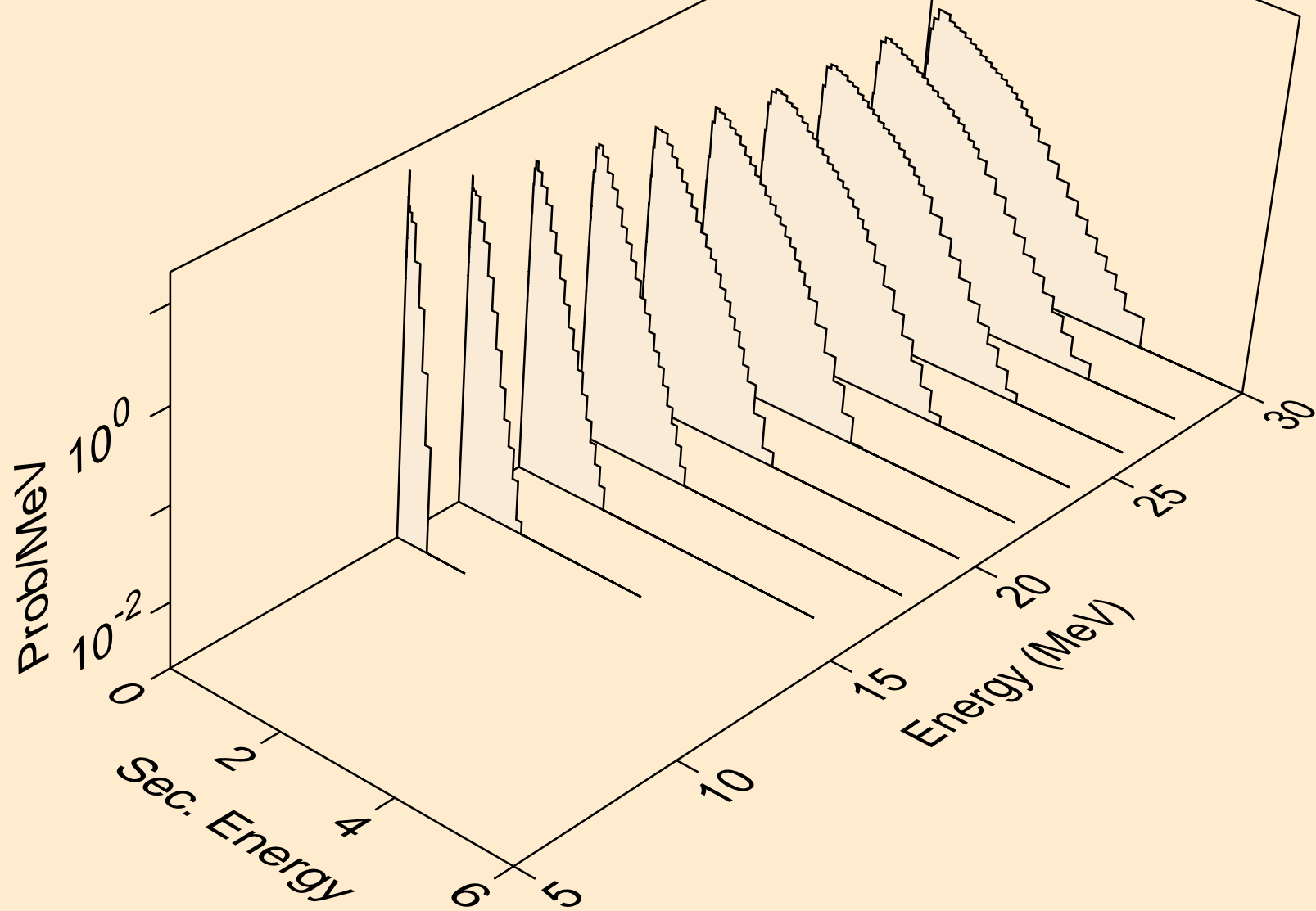
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



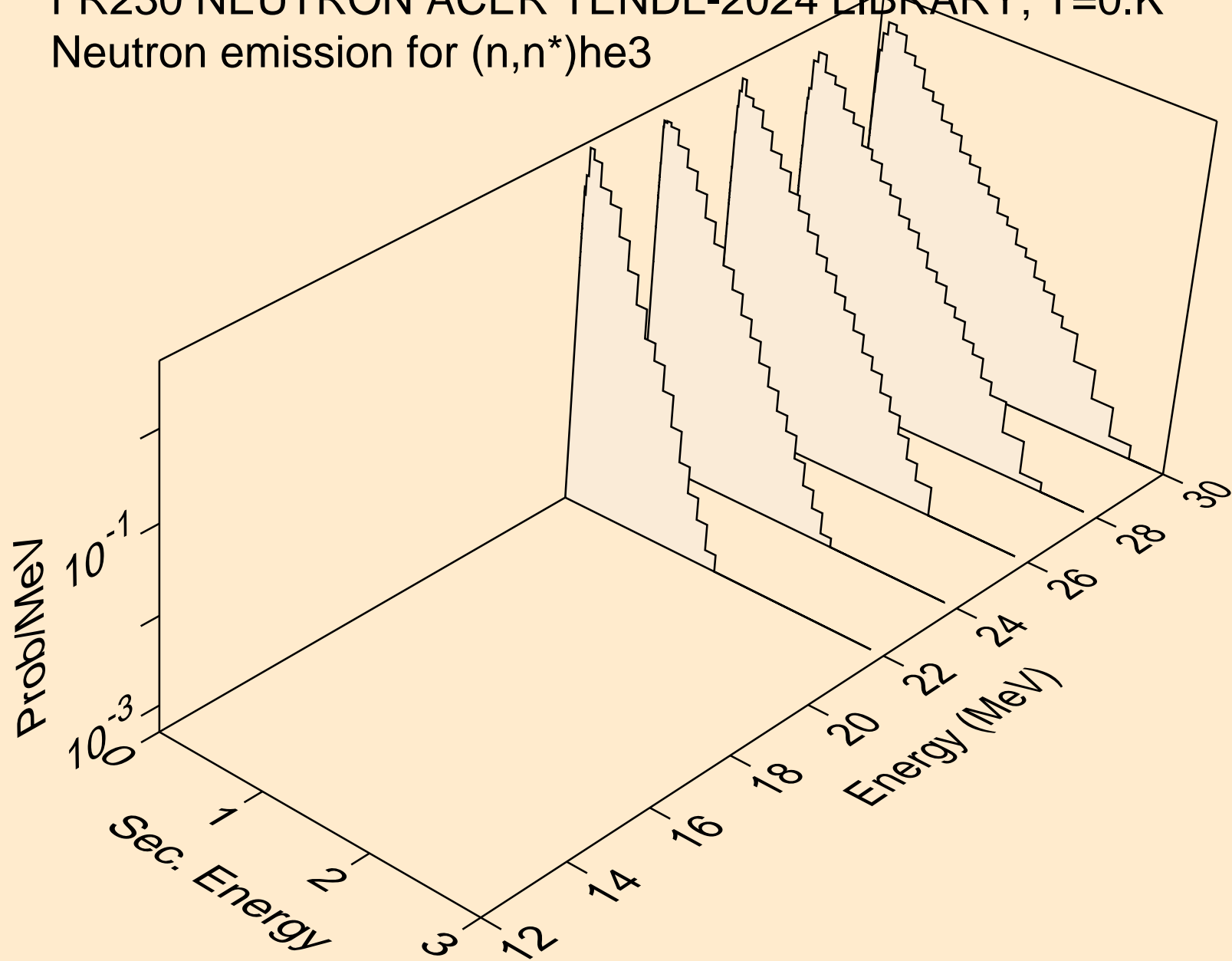
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



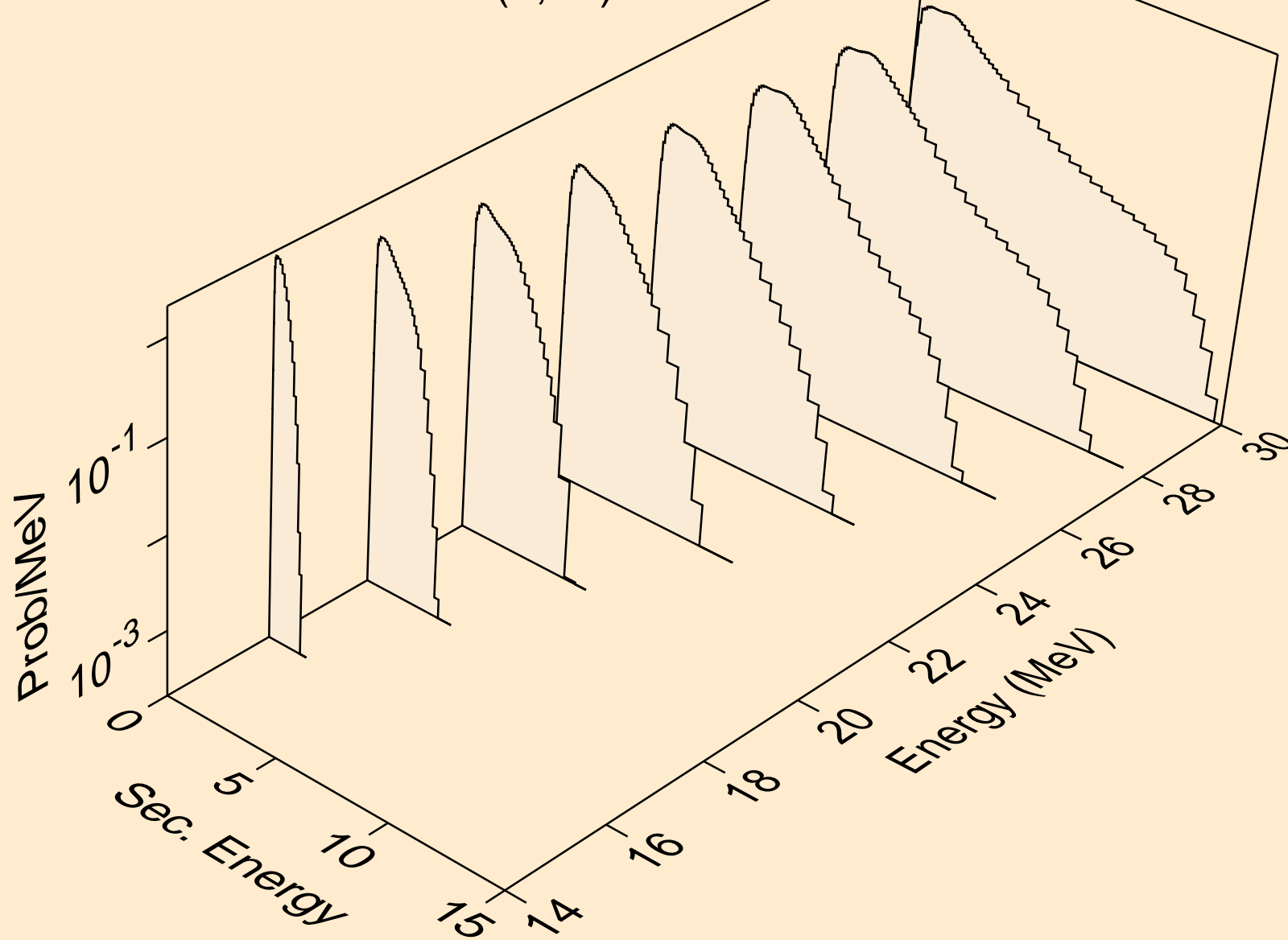
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



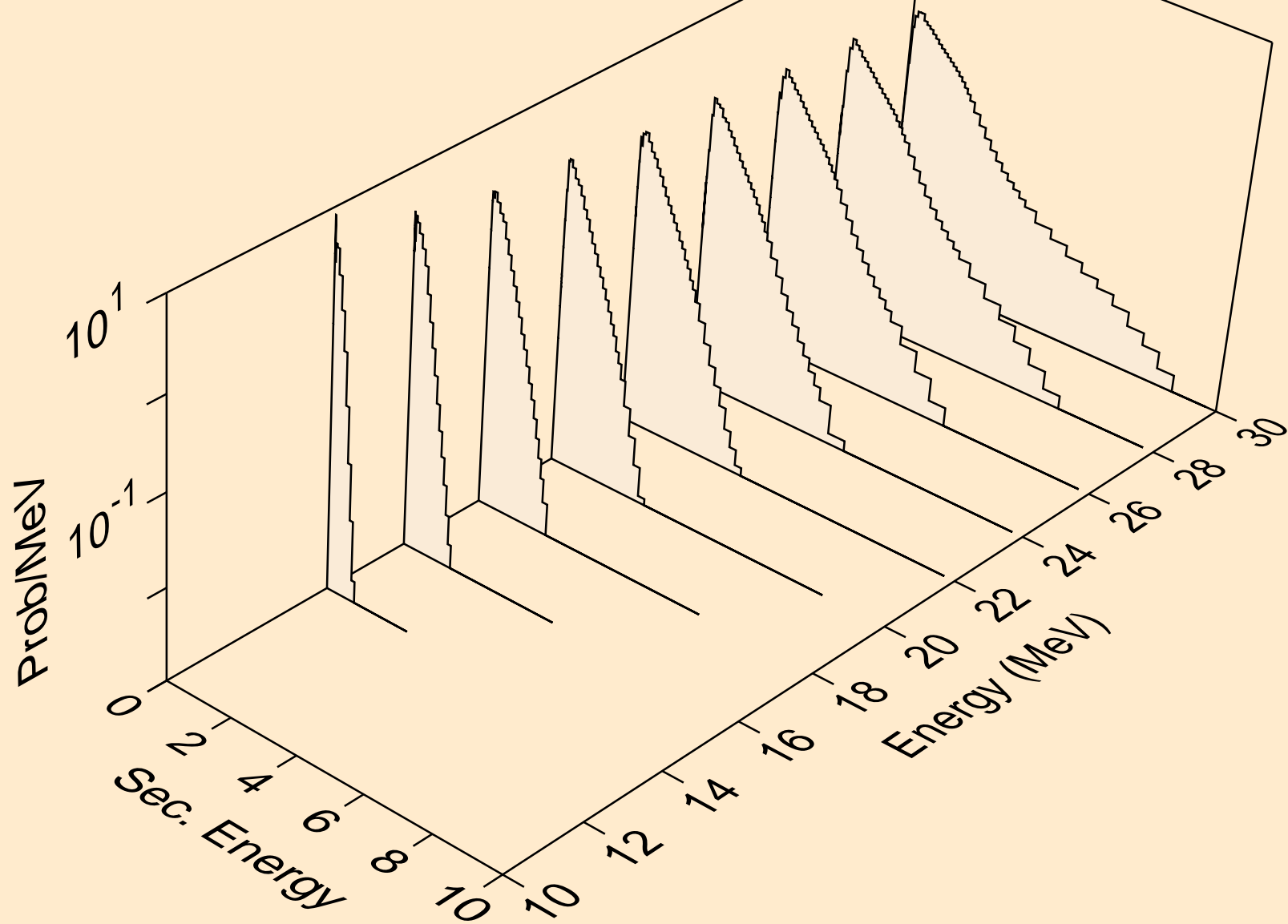
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



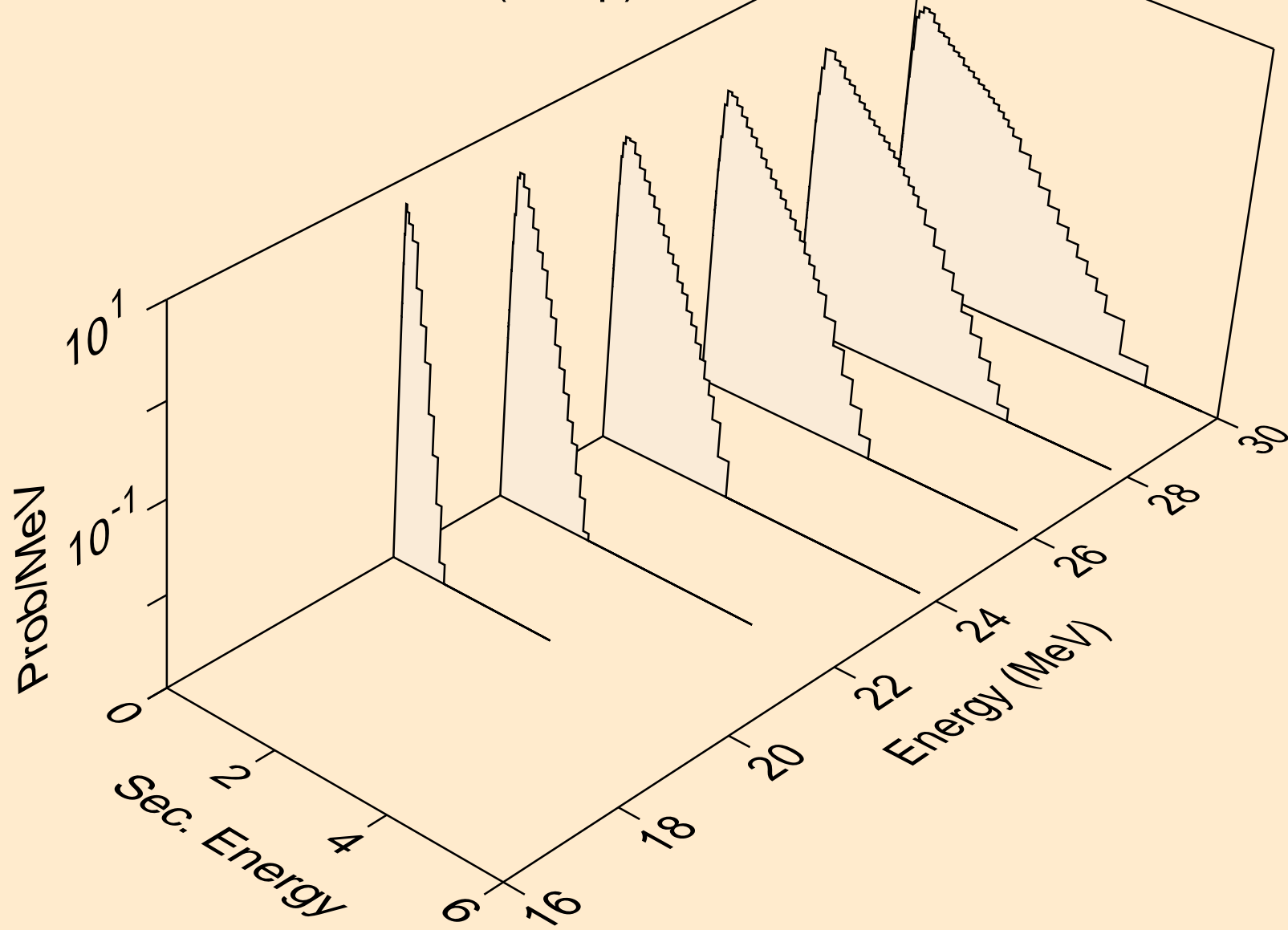
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



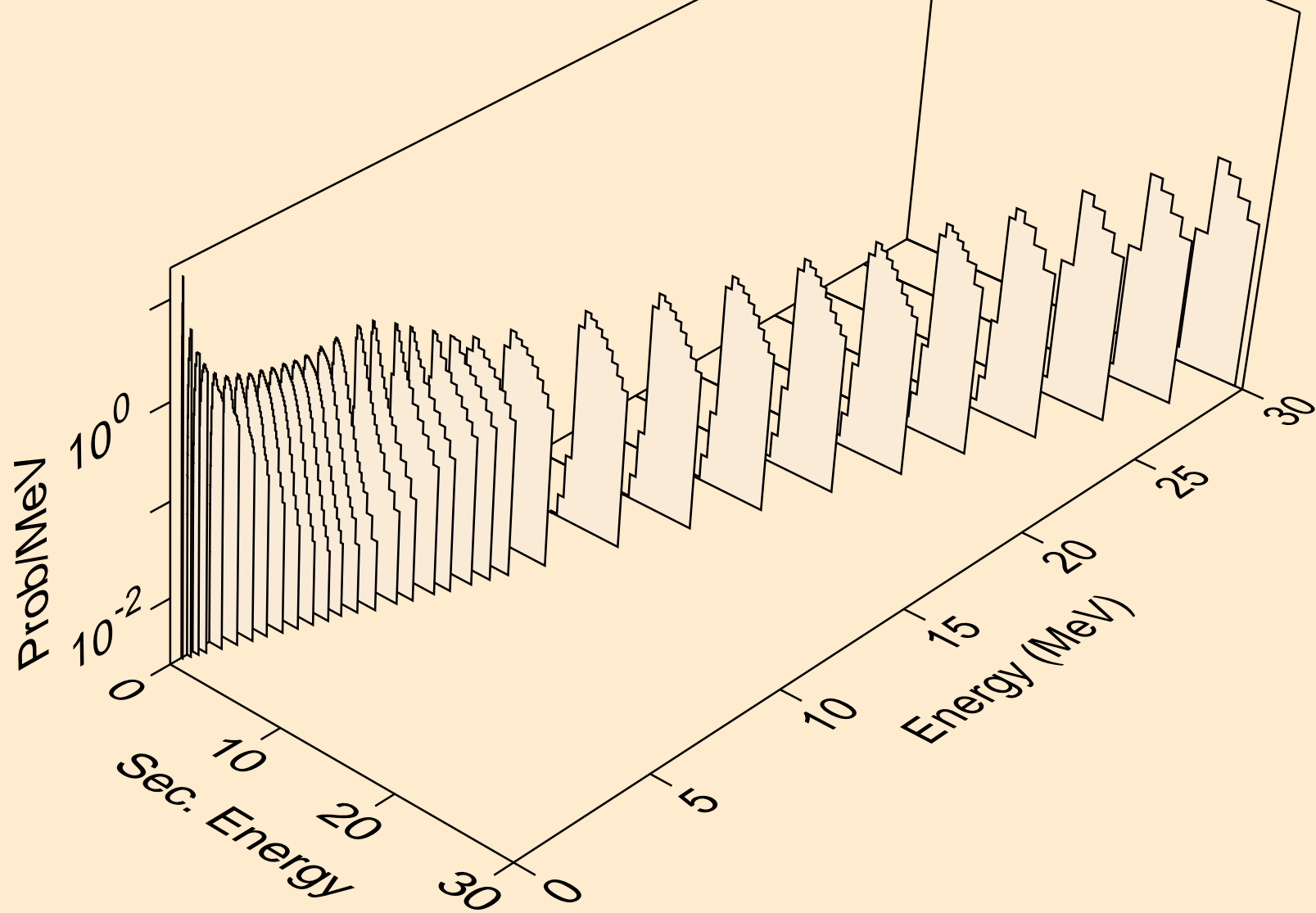
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



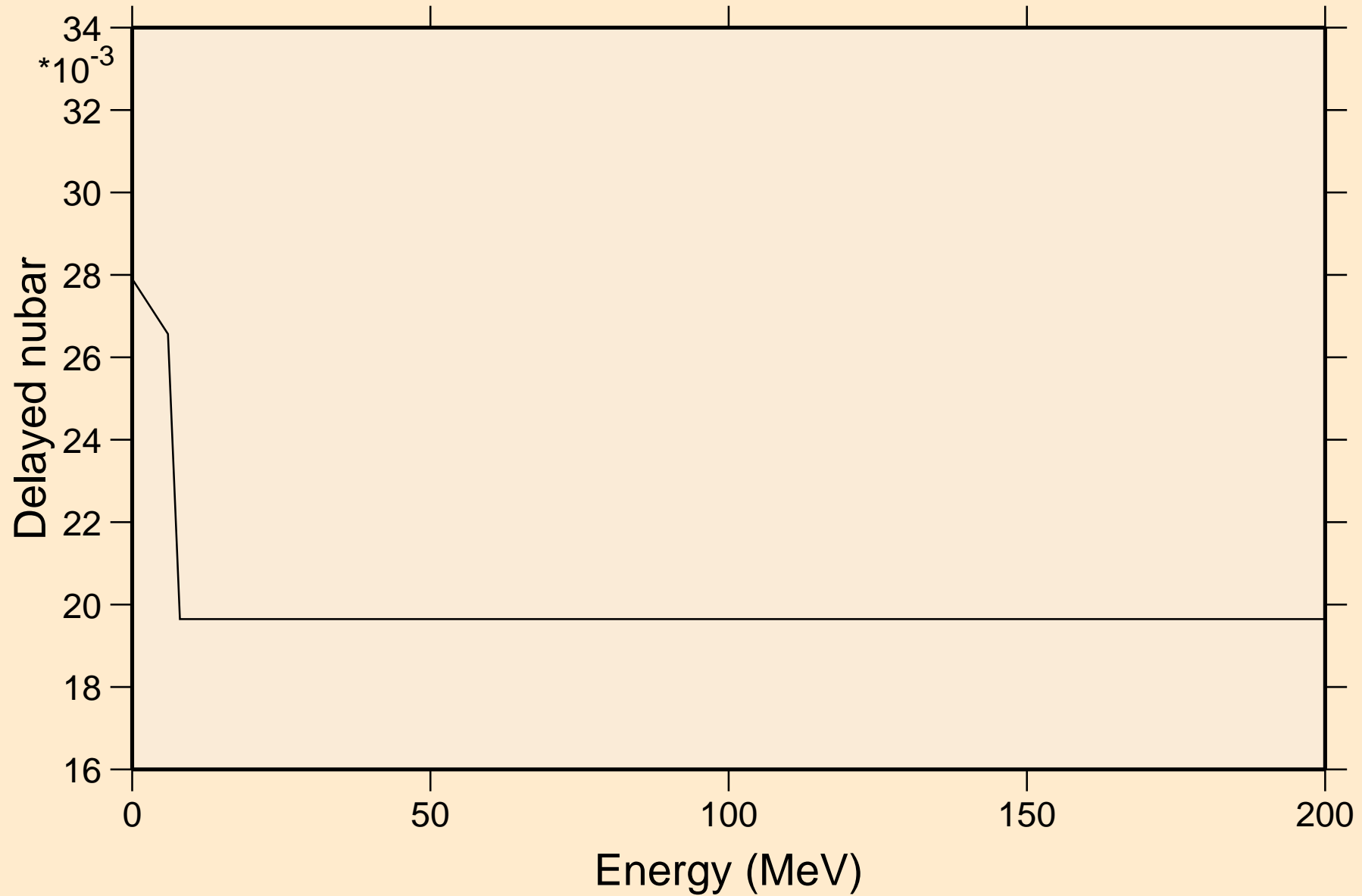
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)





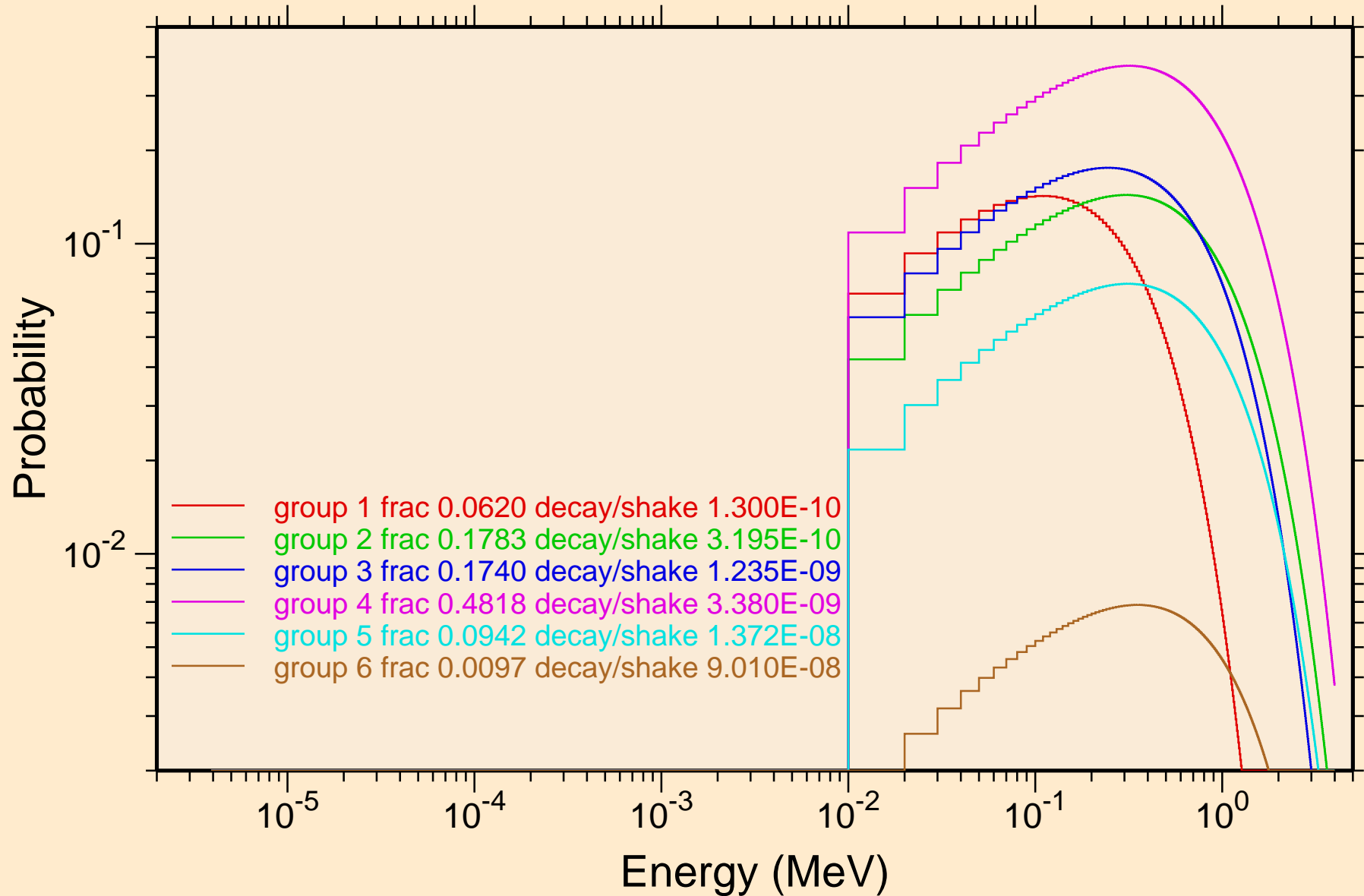
# FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Delayed nubar

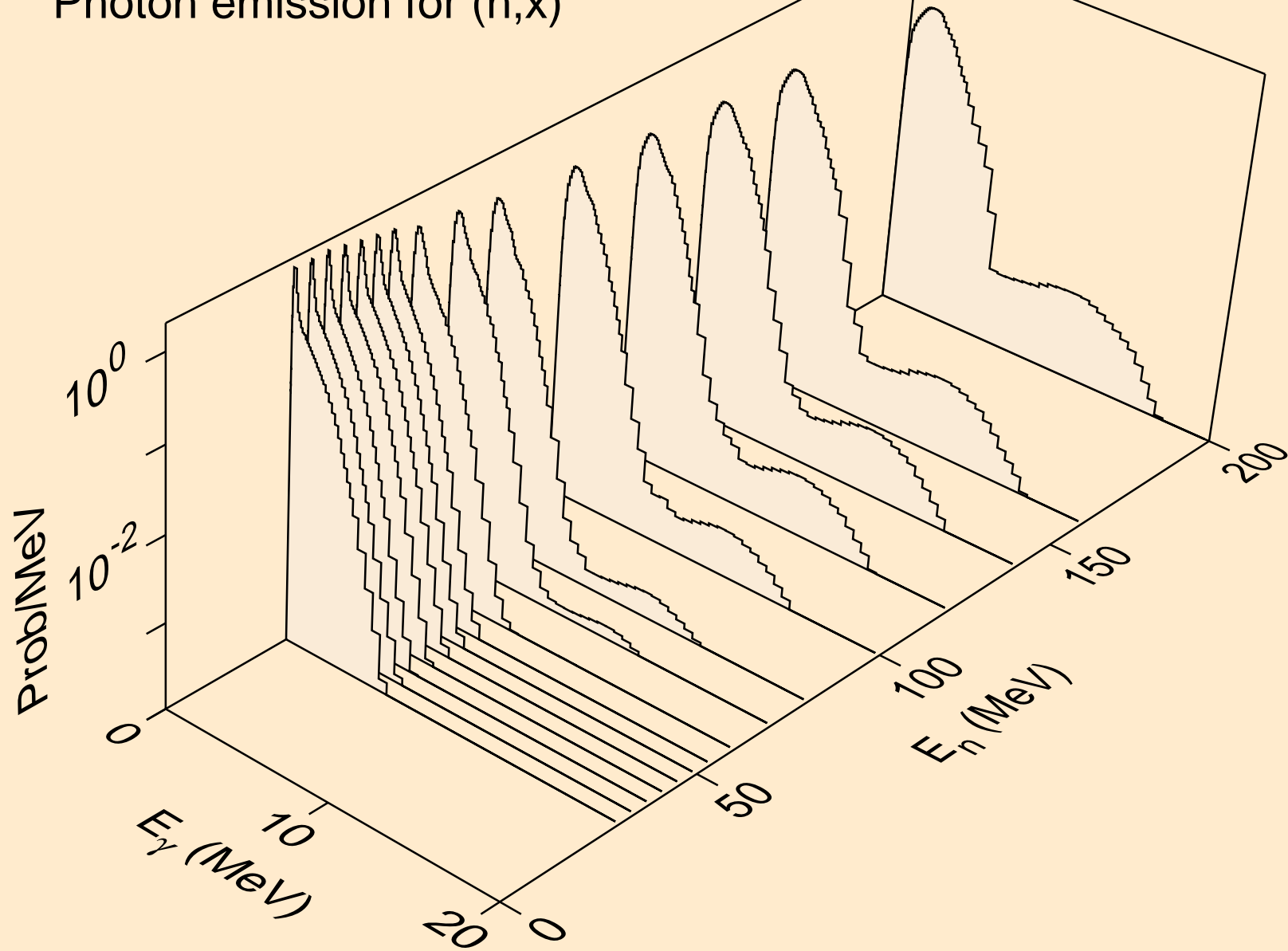


# FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

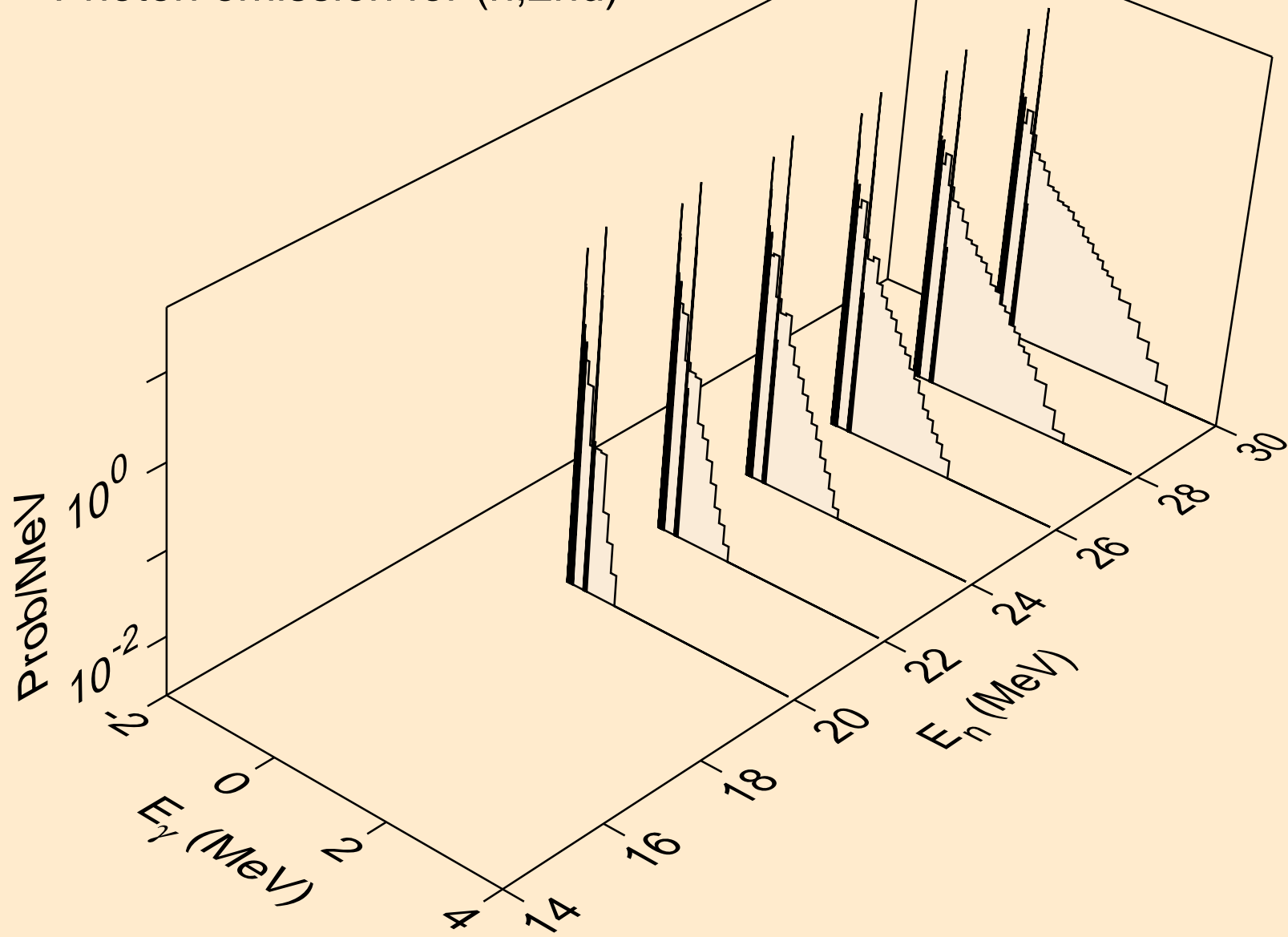
## Delayed neutron spectra



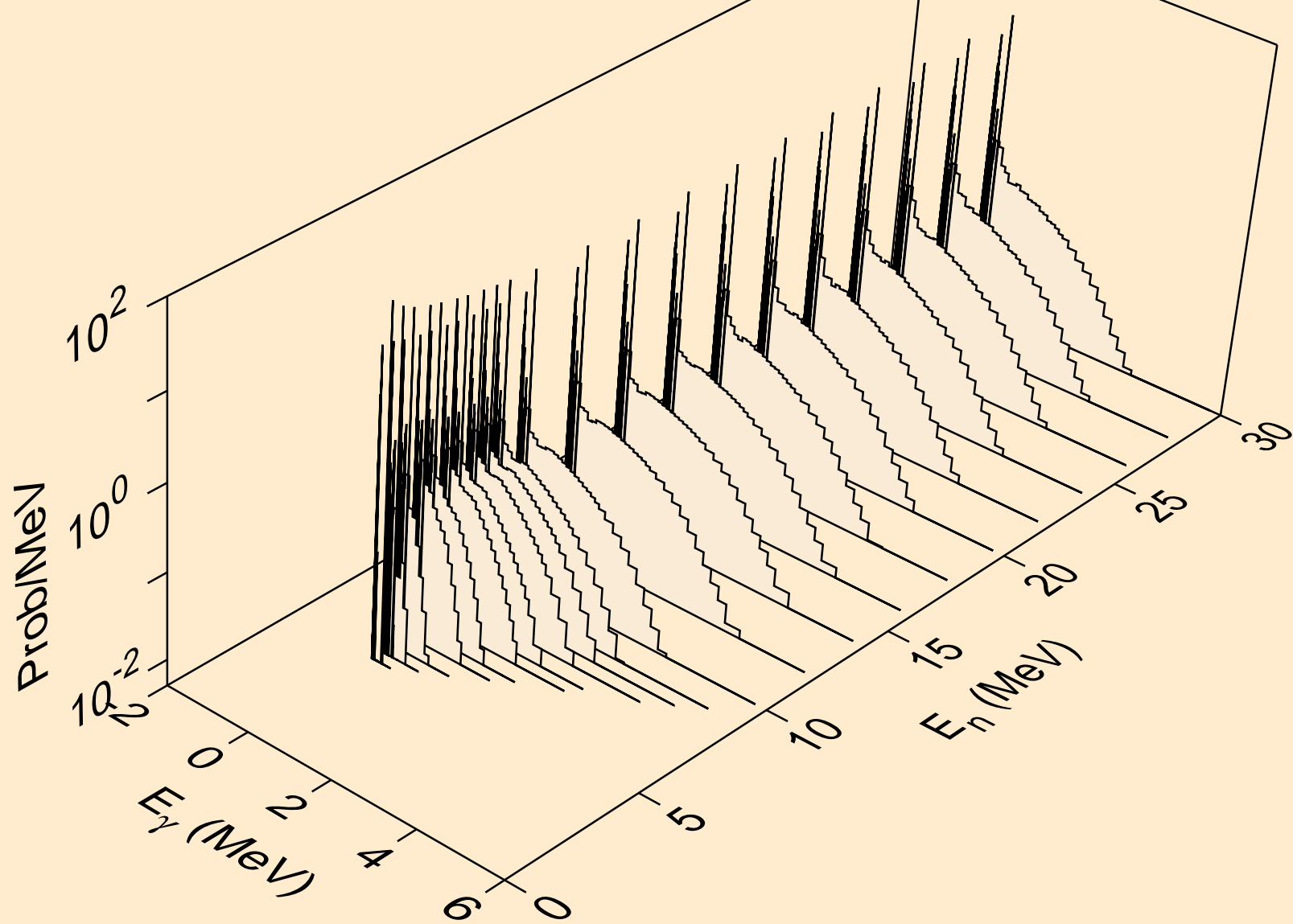
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



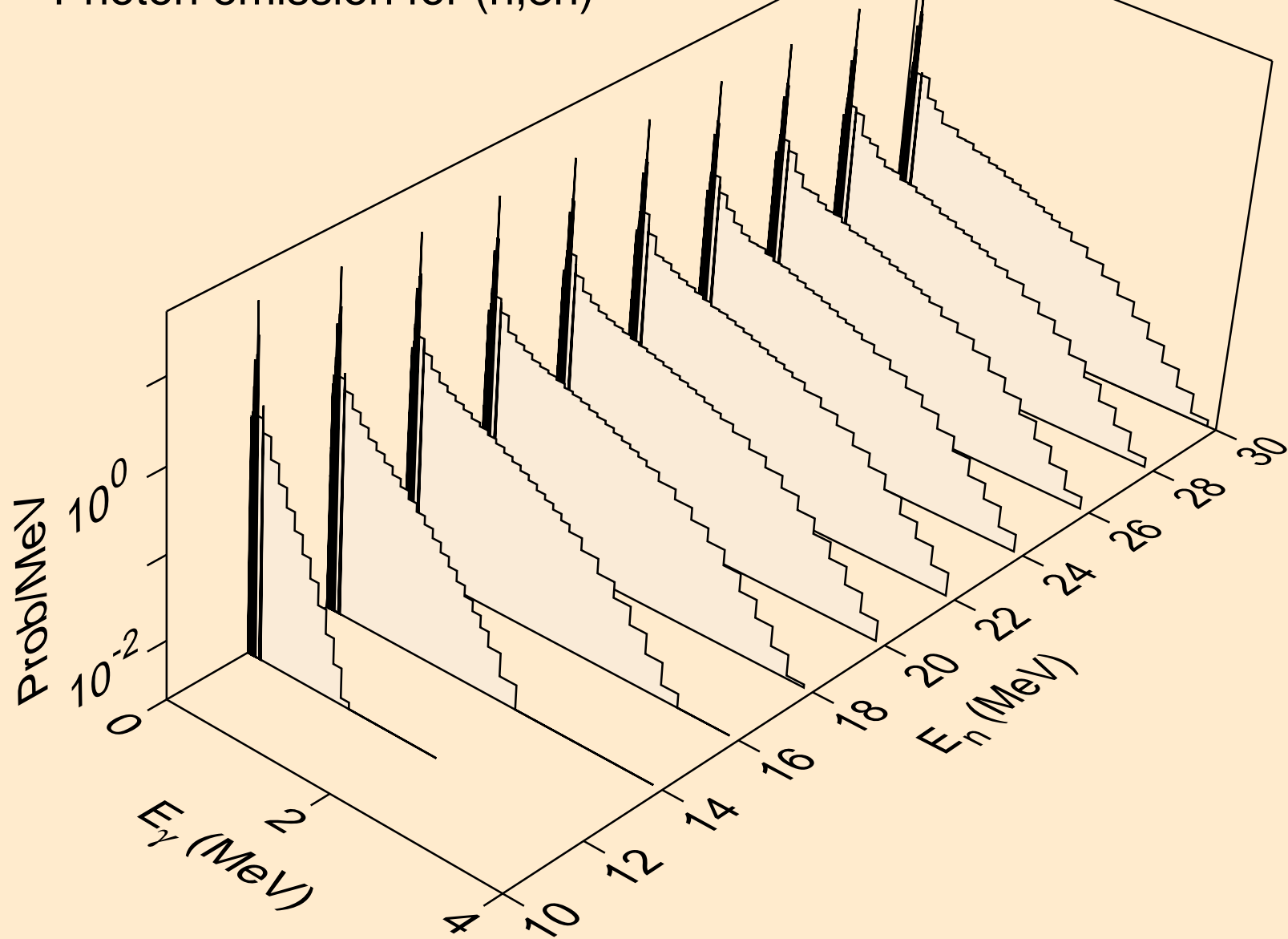
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



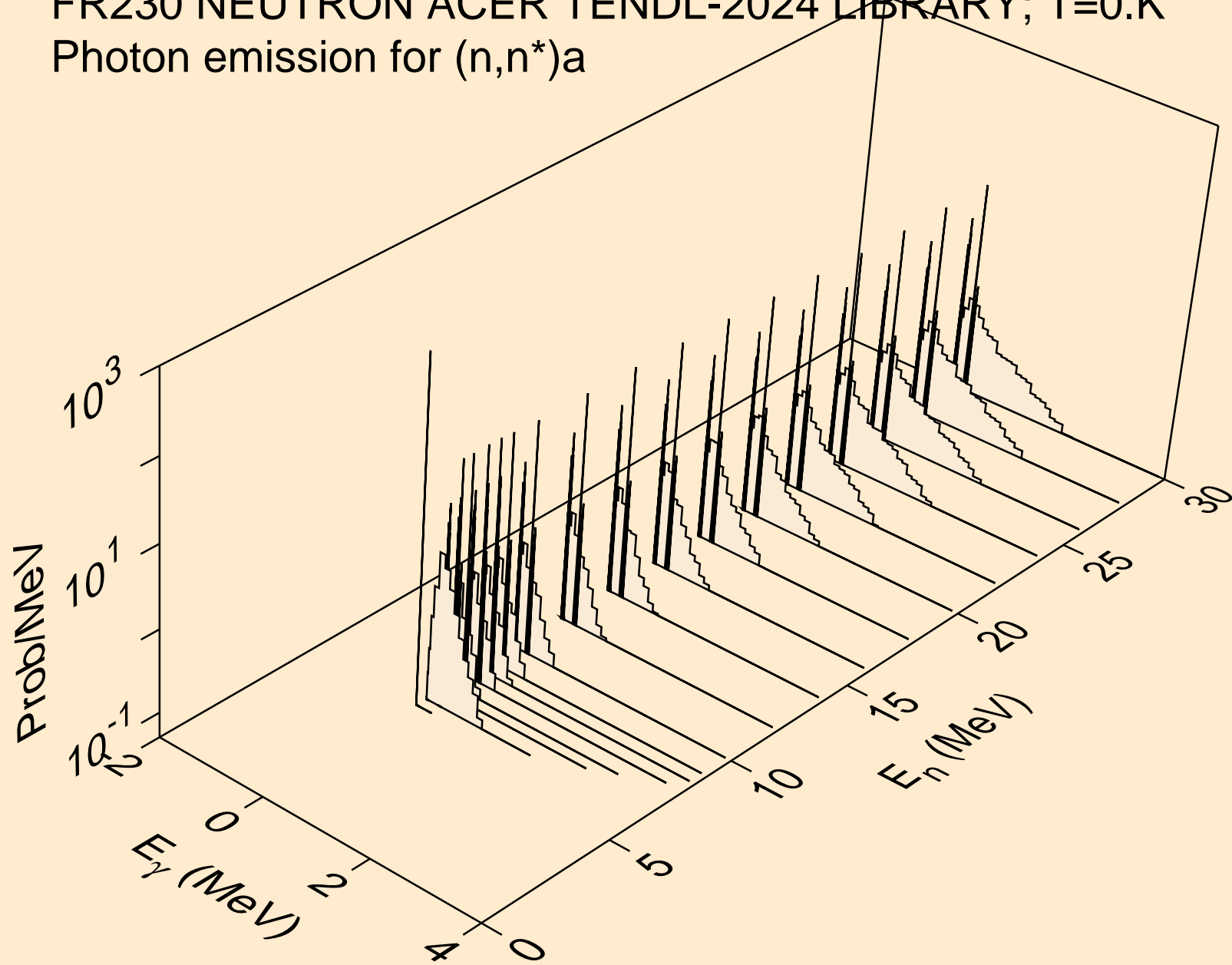
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



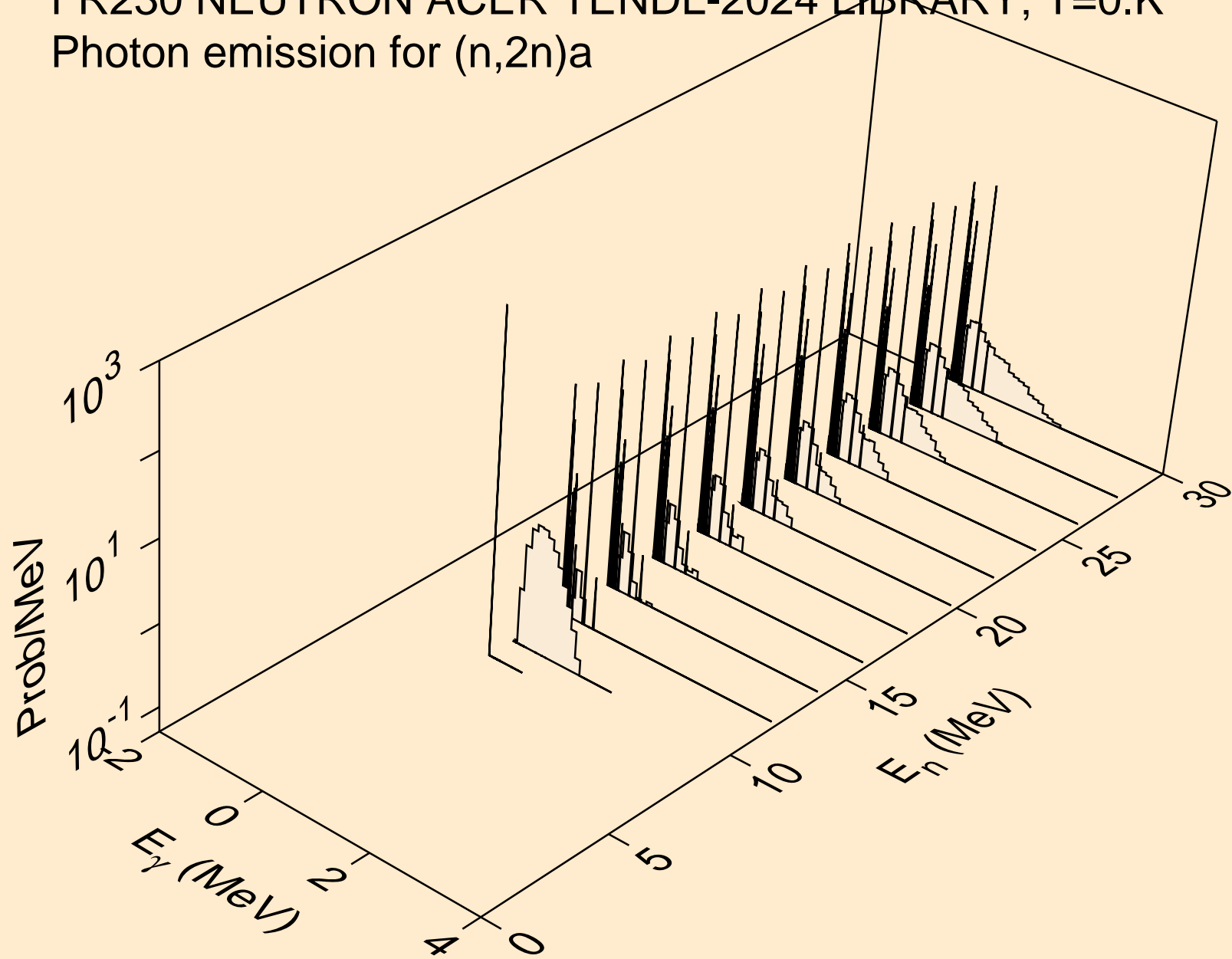
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

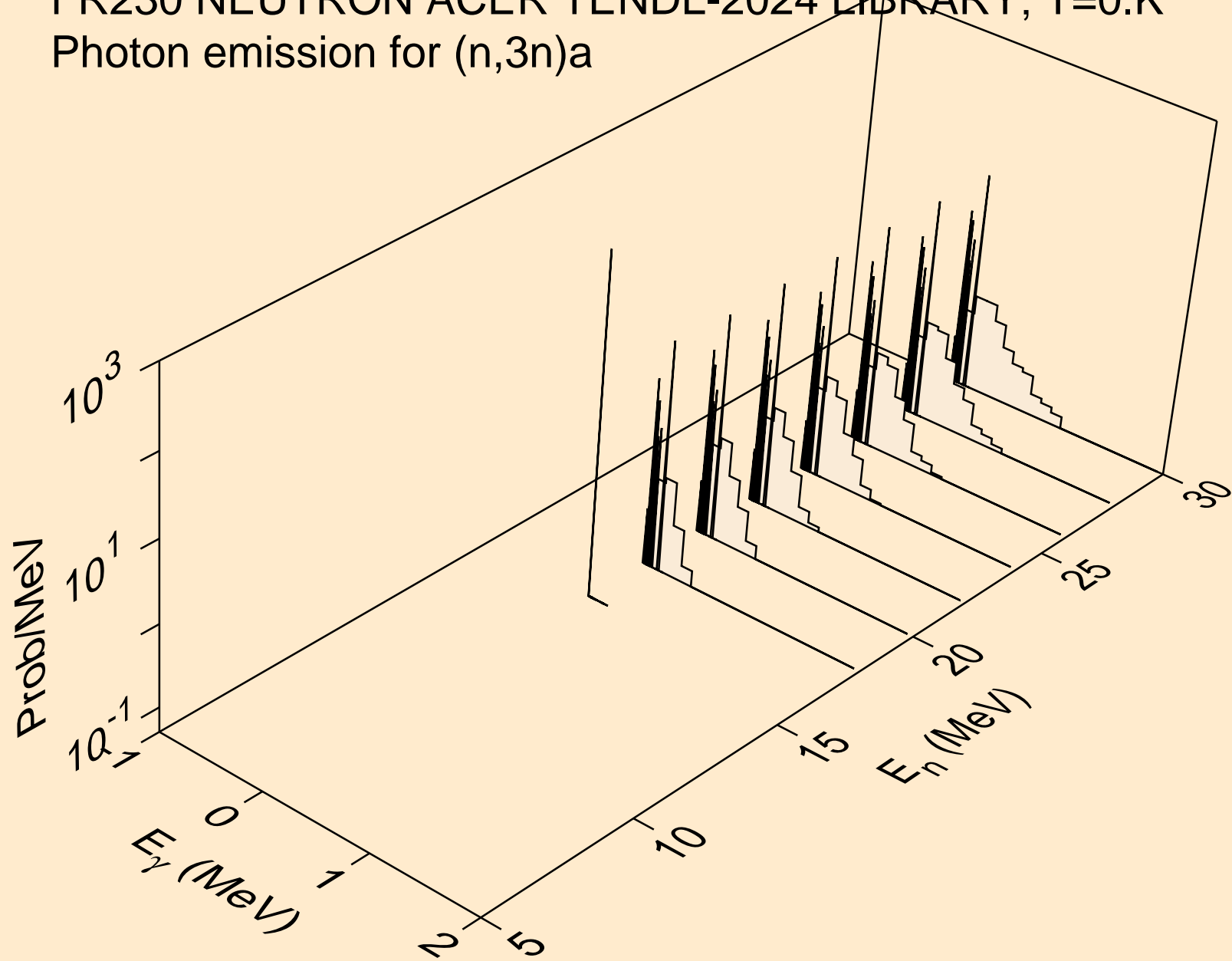


FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a

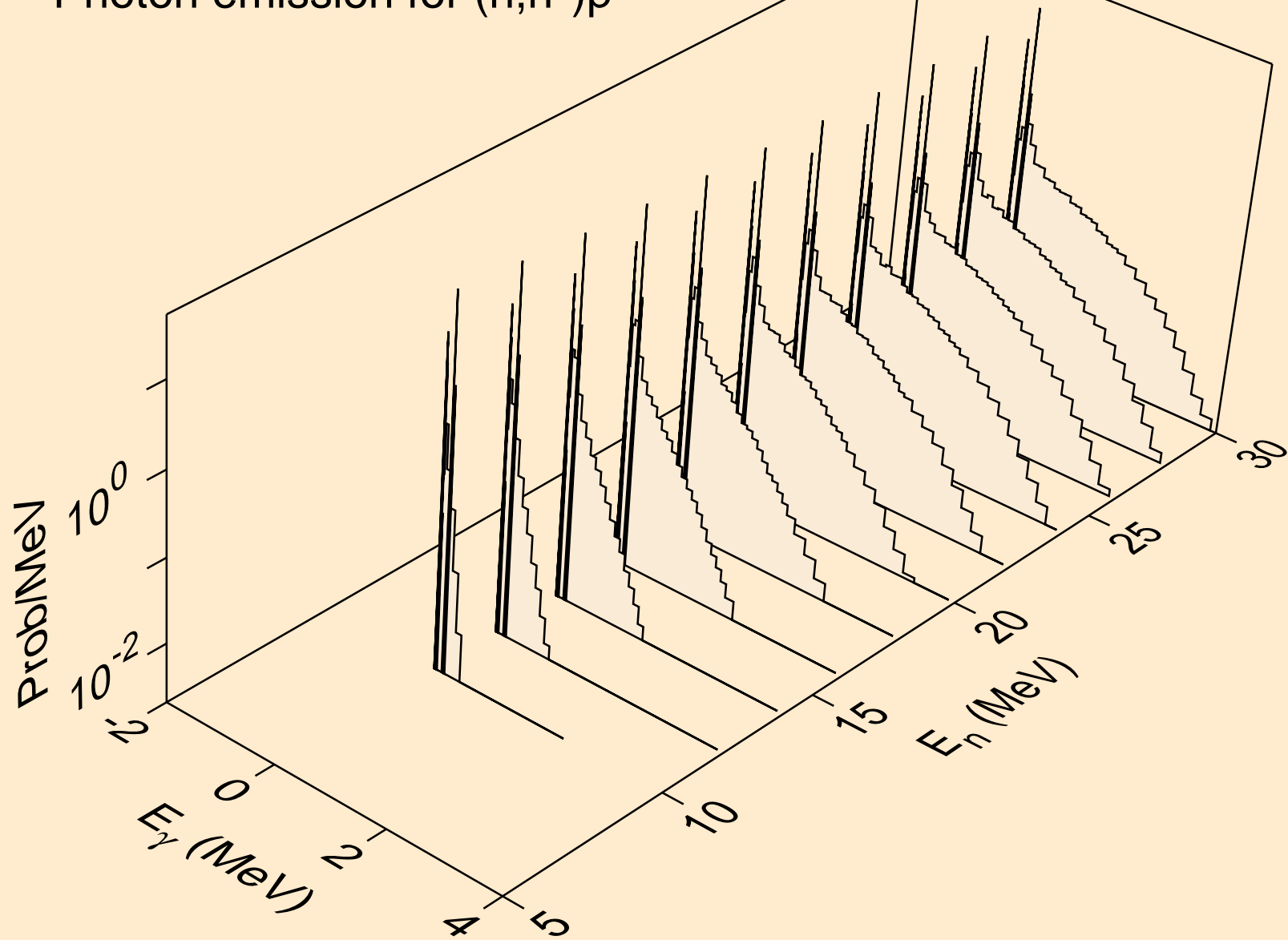




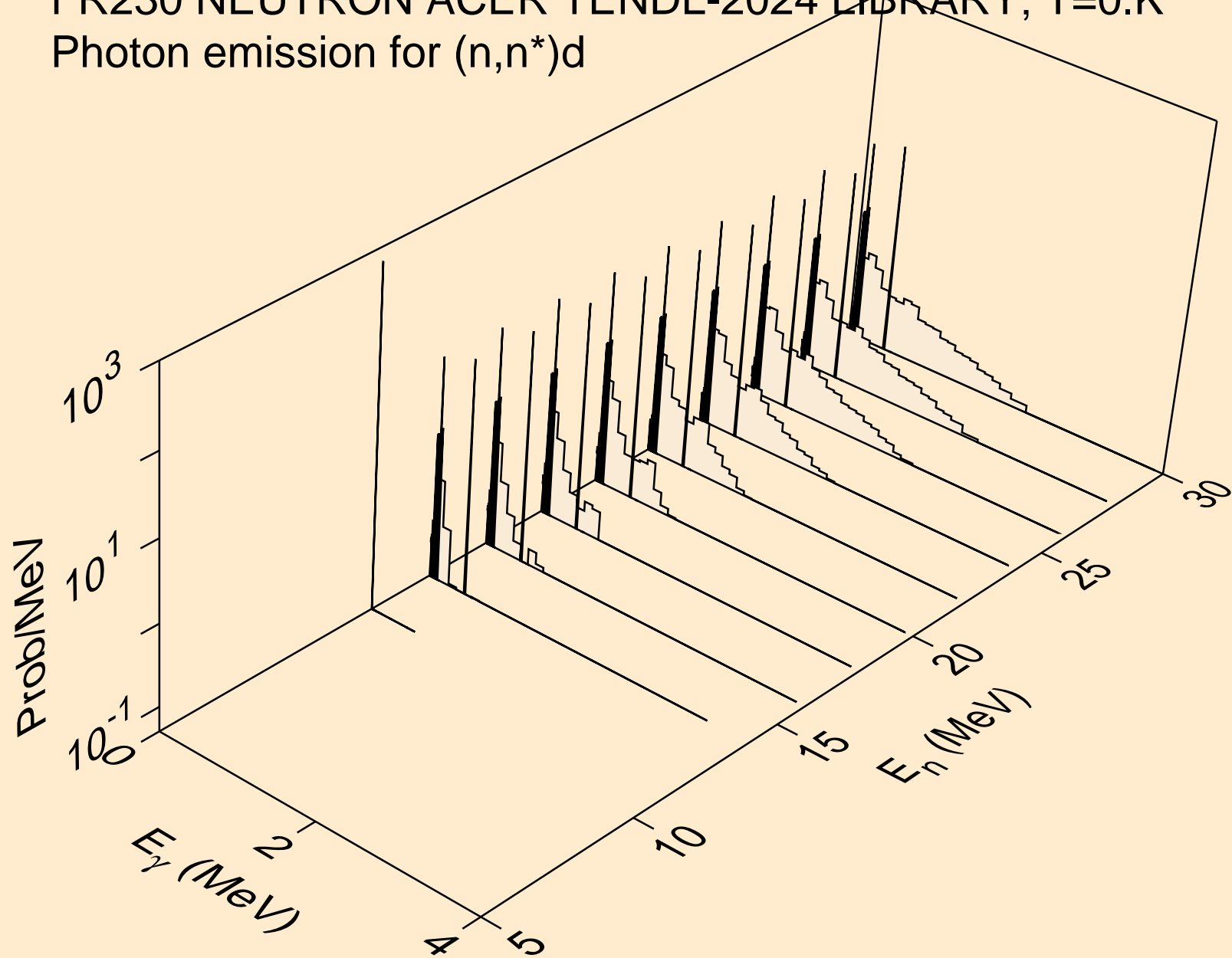
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a



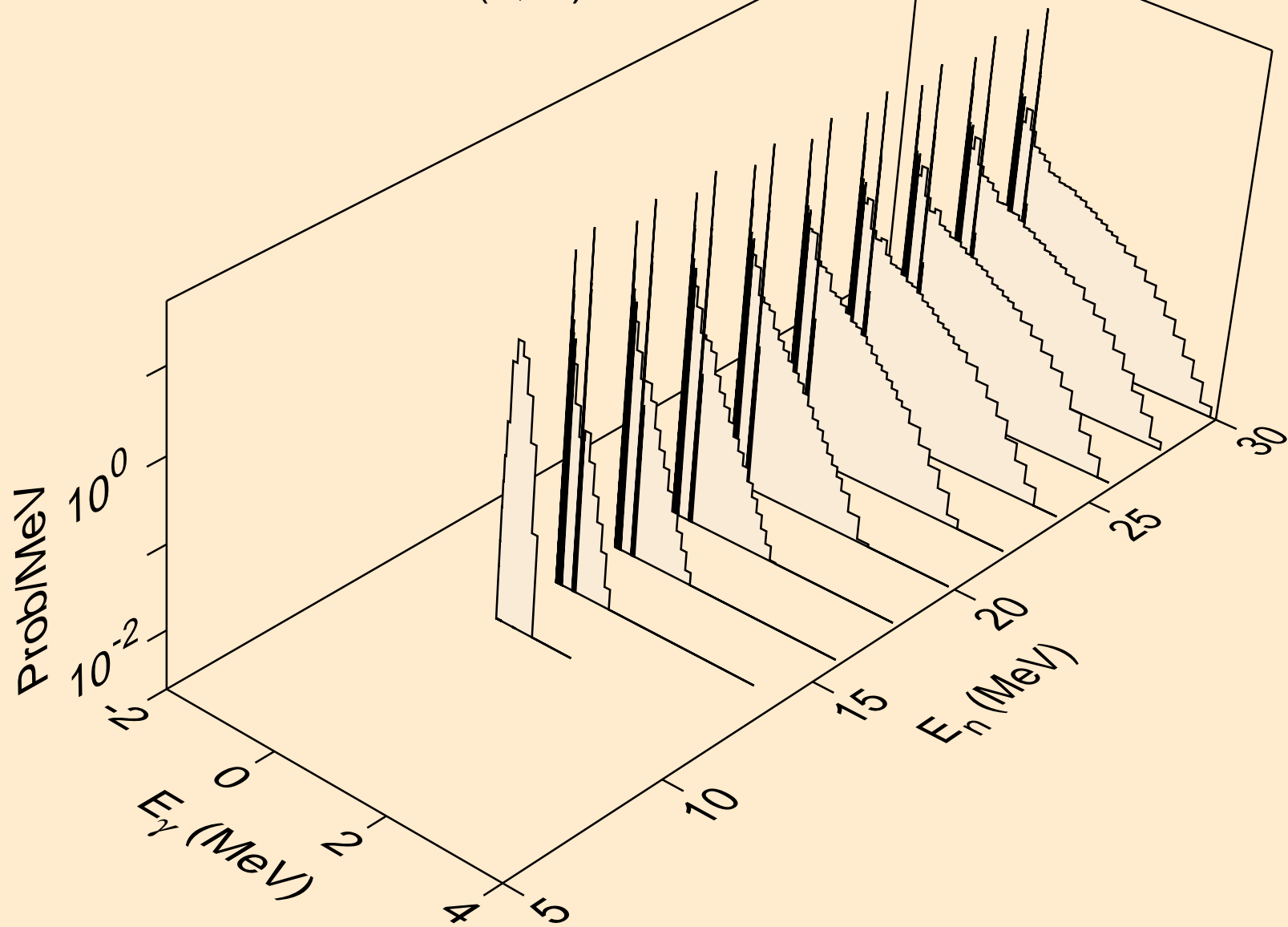
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



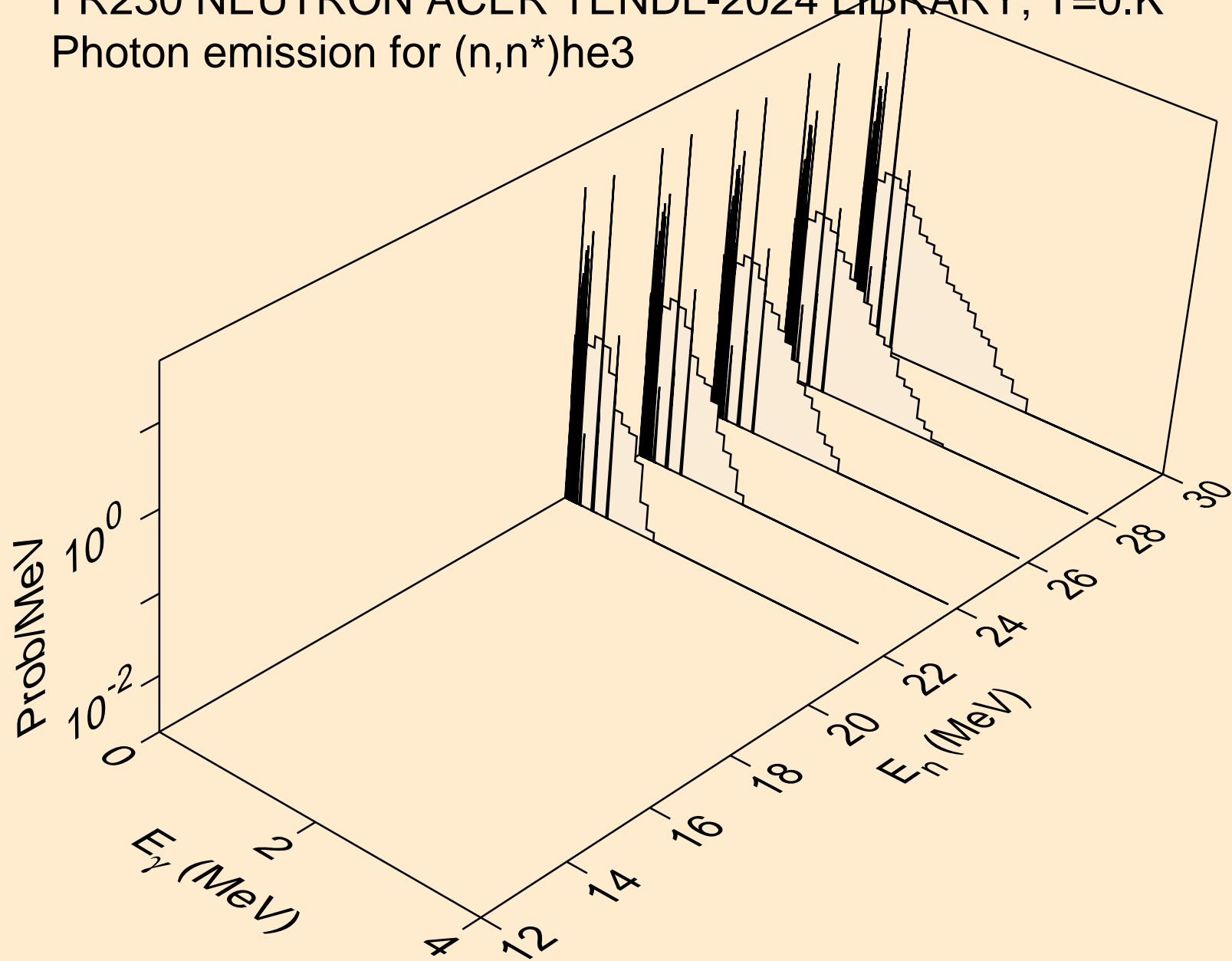
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



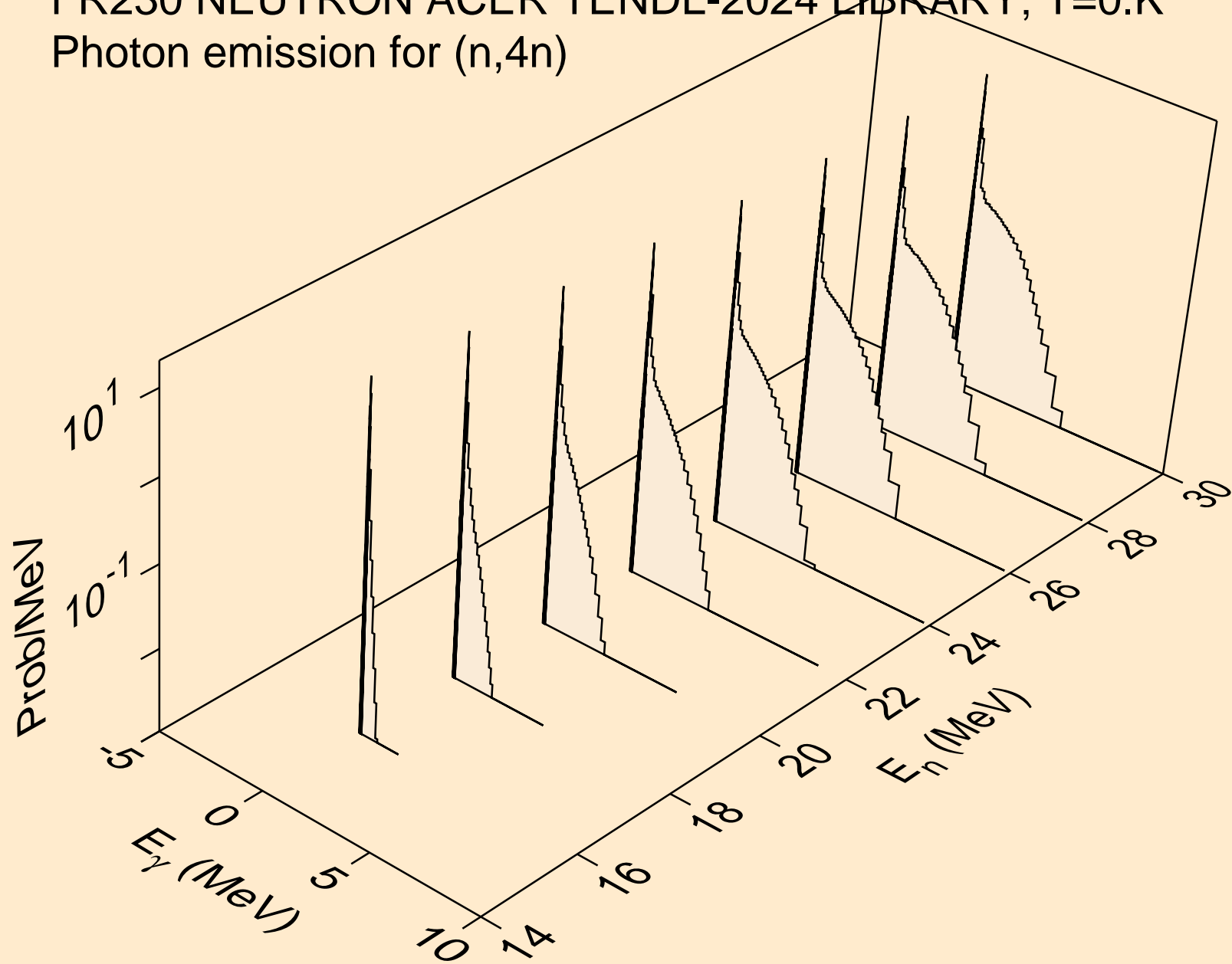
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



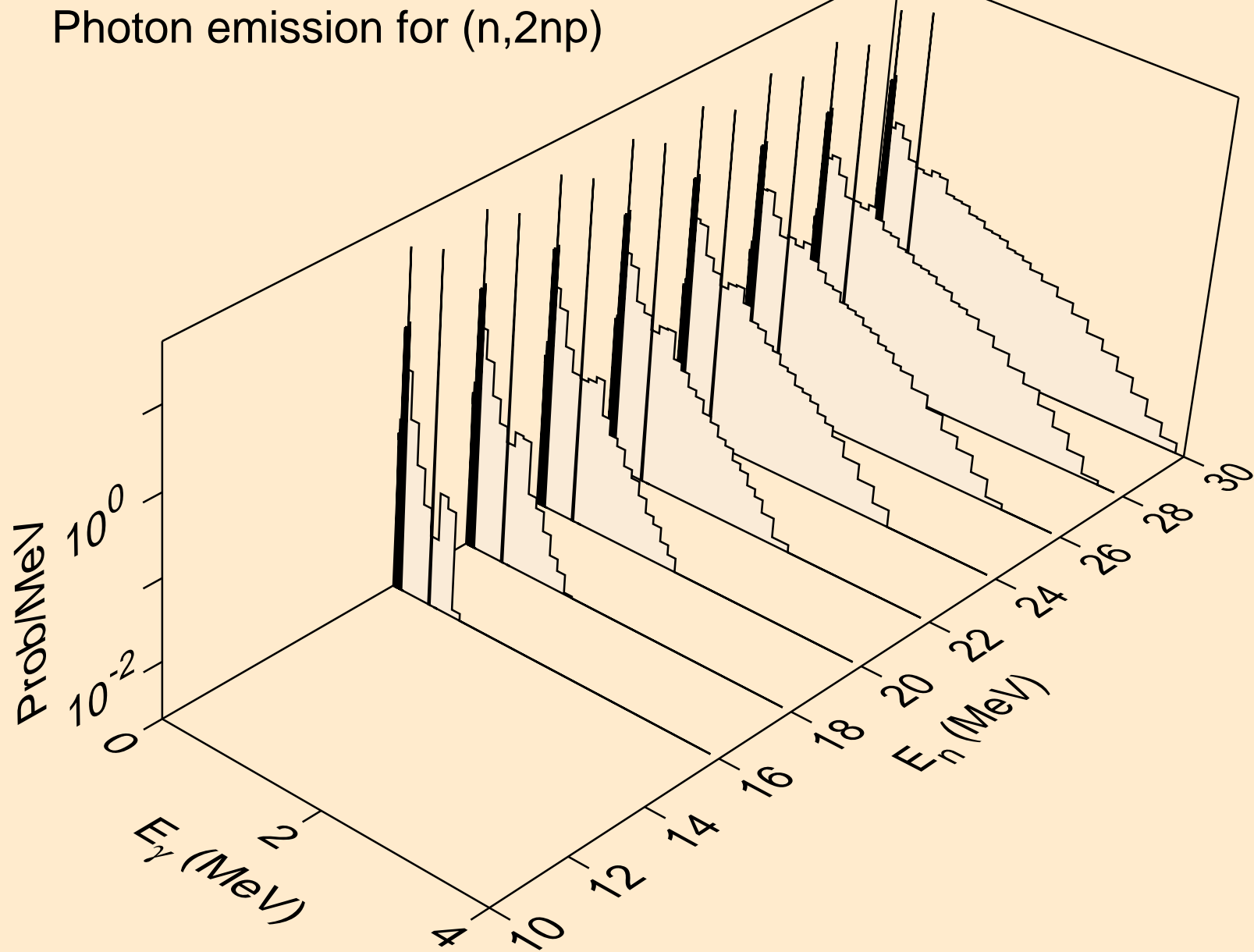
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



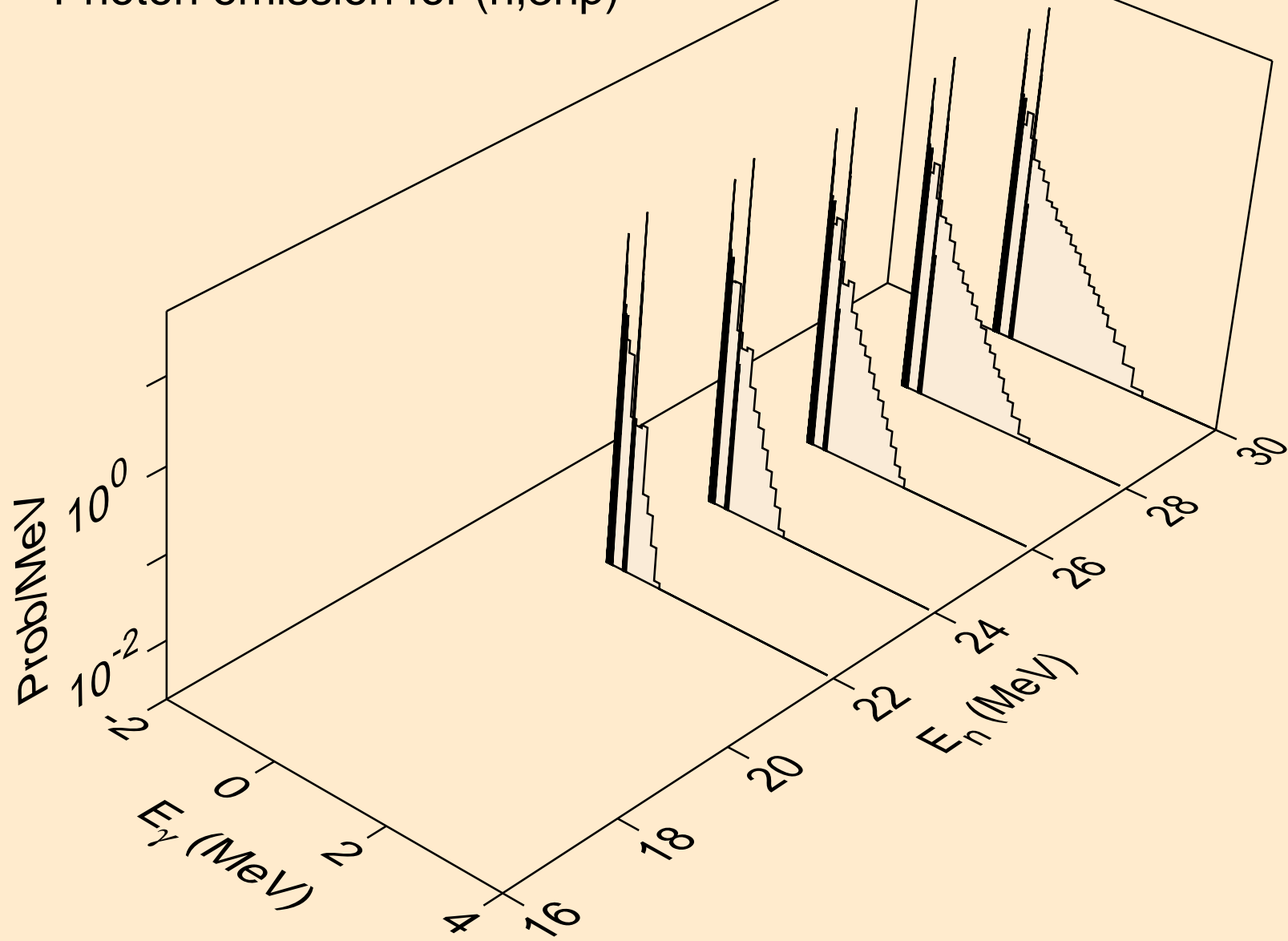
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)

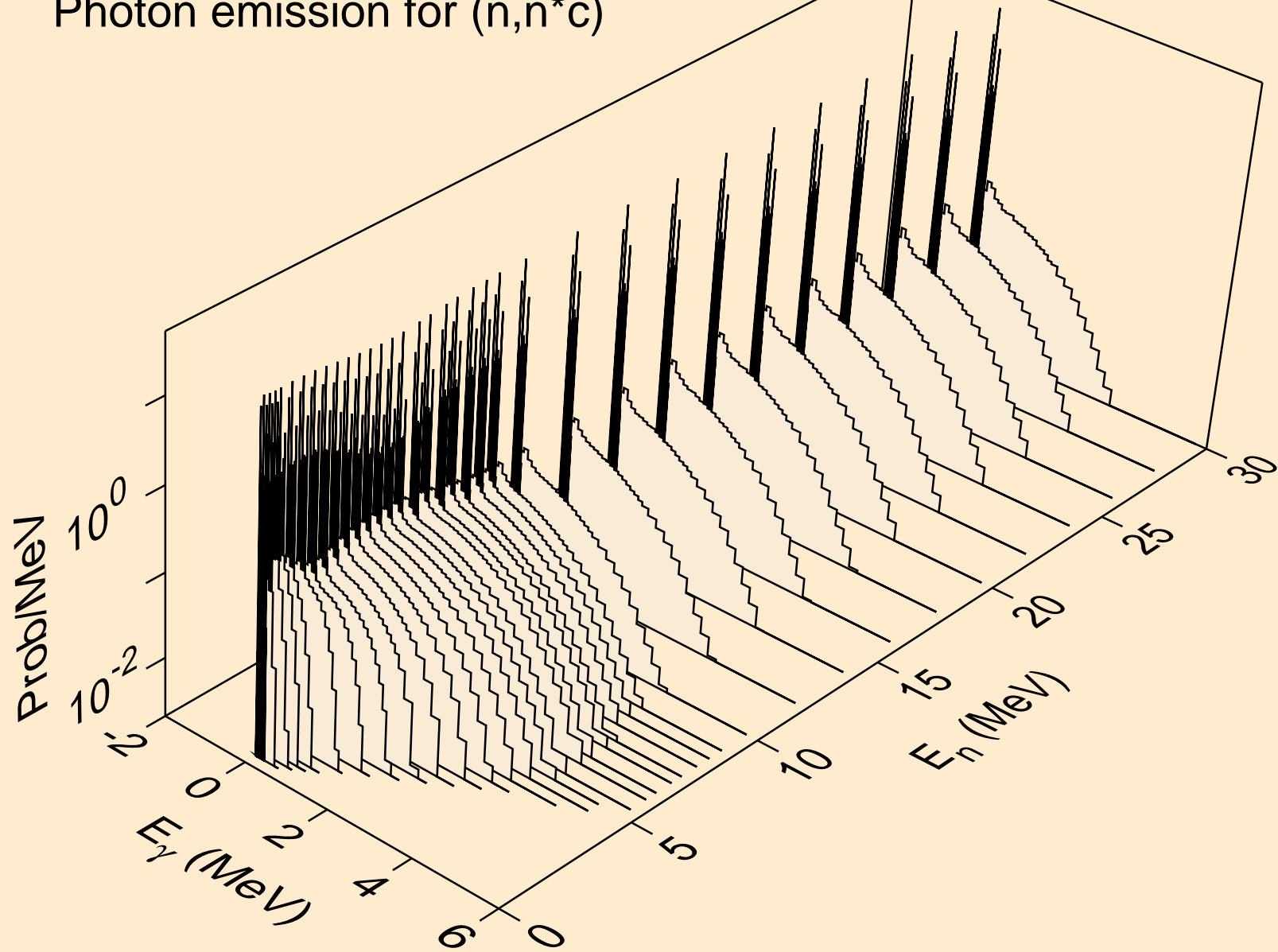


FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)

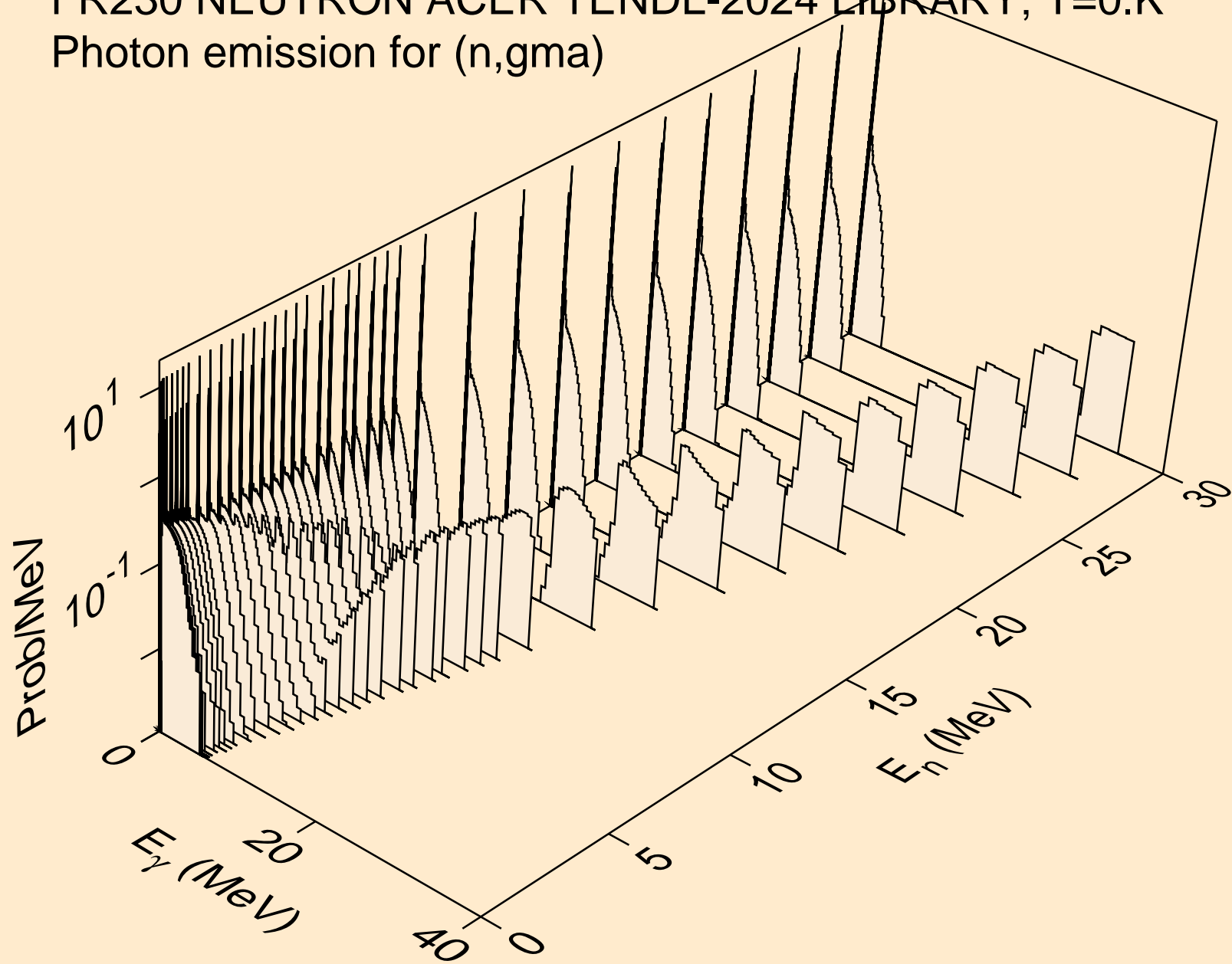




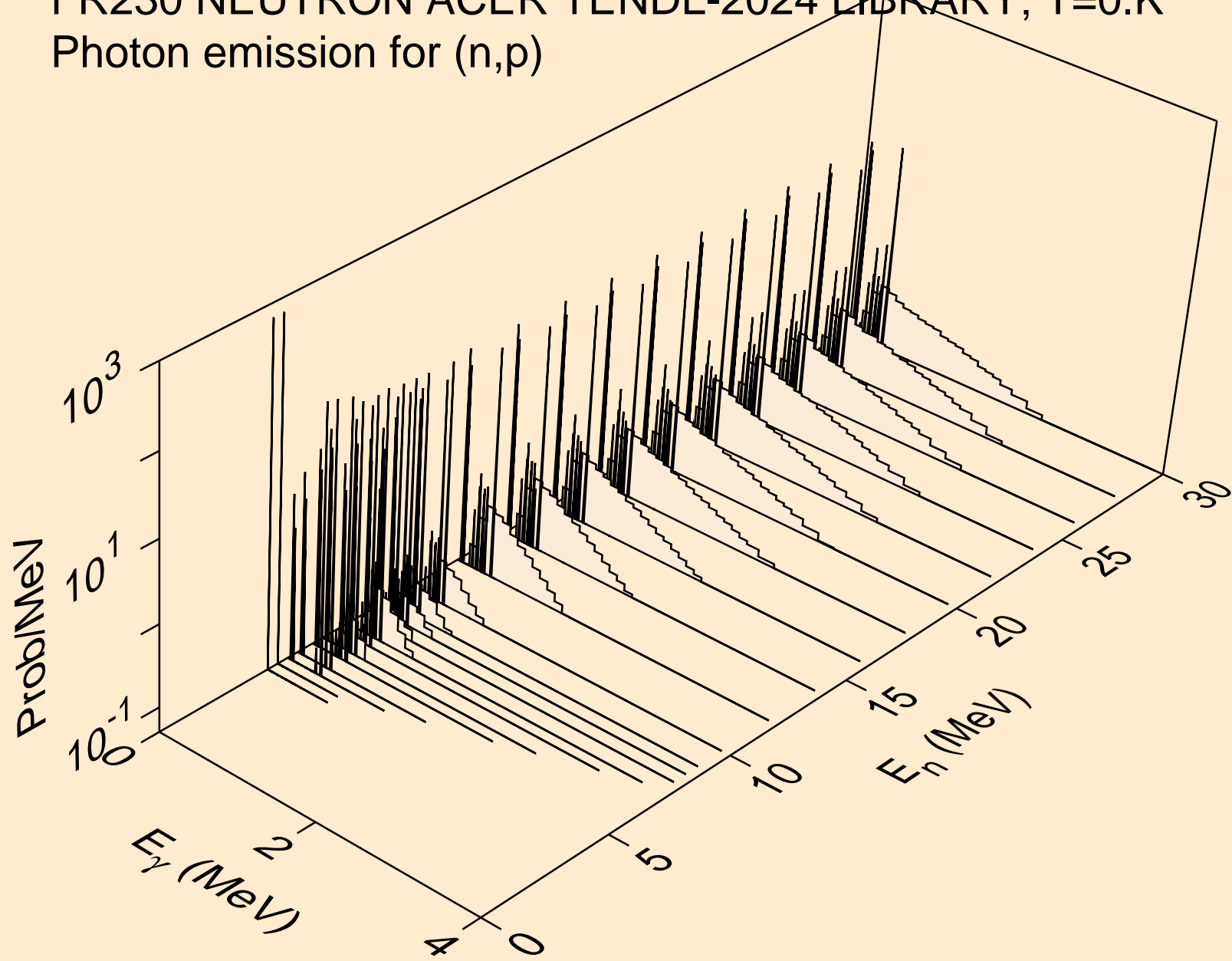
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



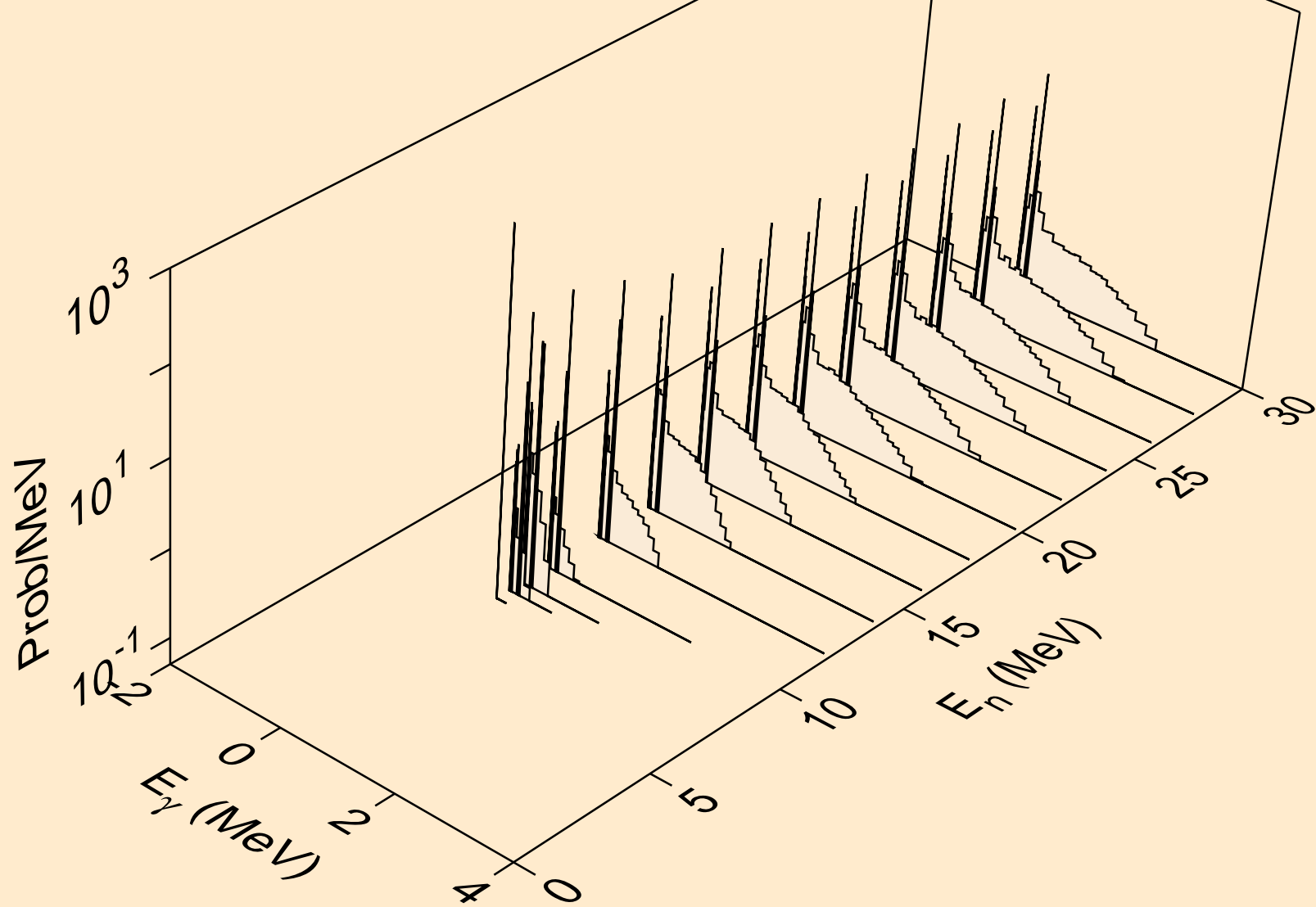
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



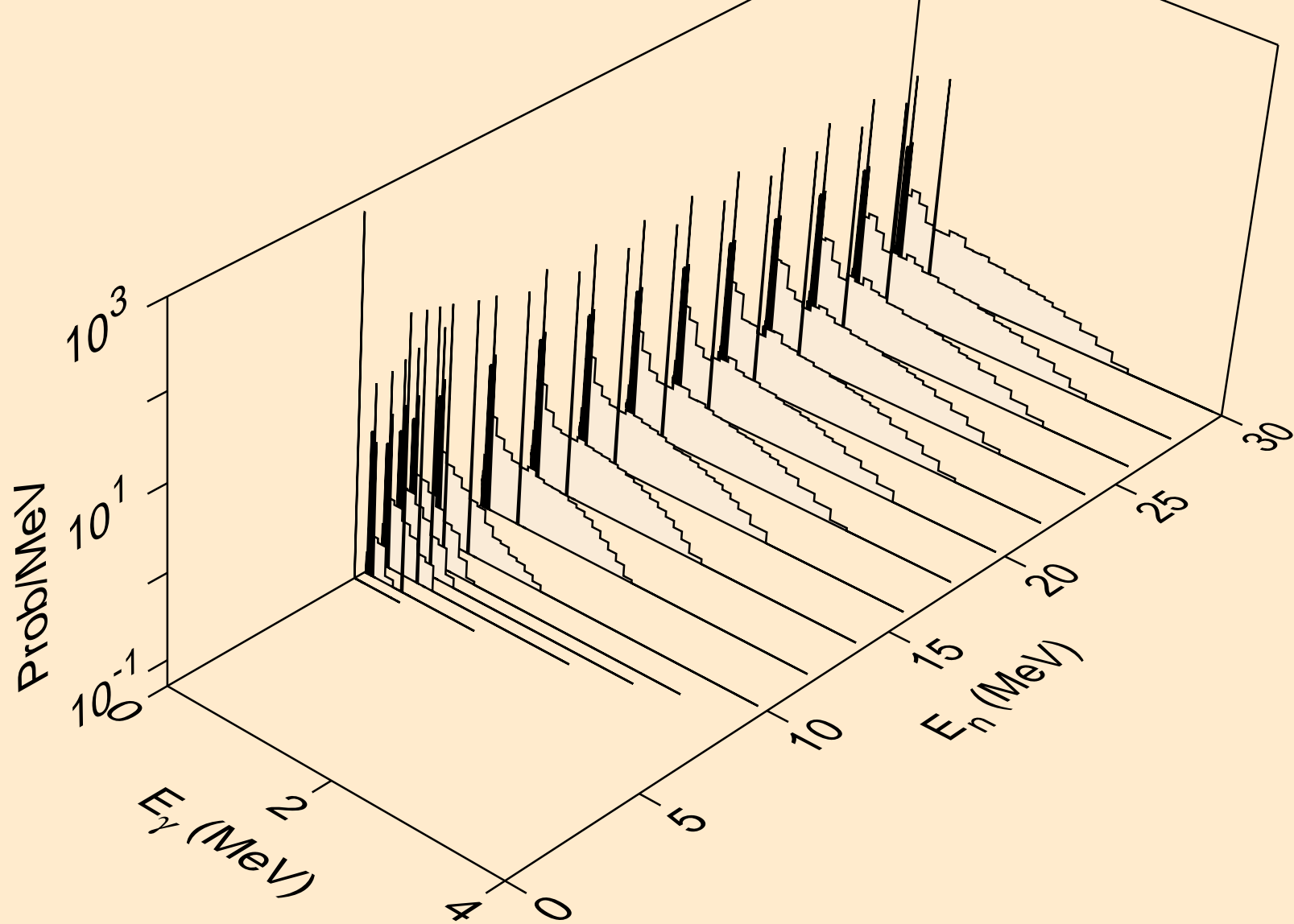
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



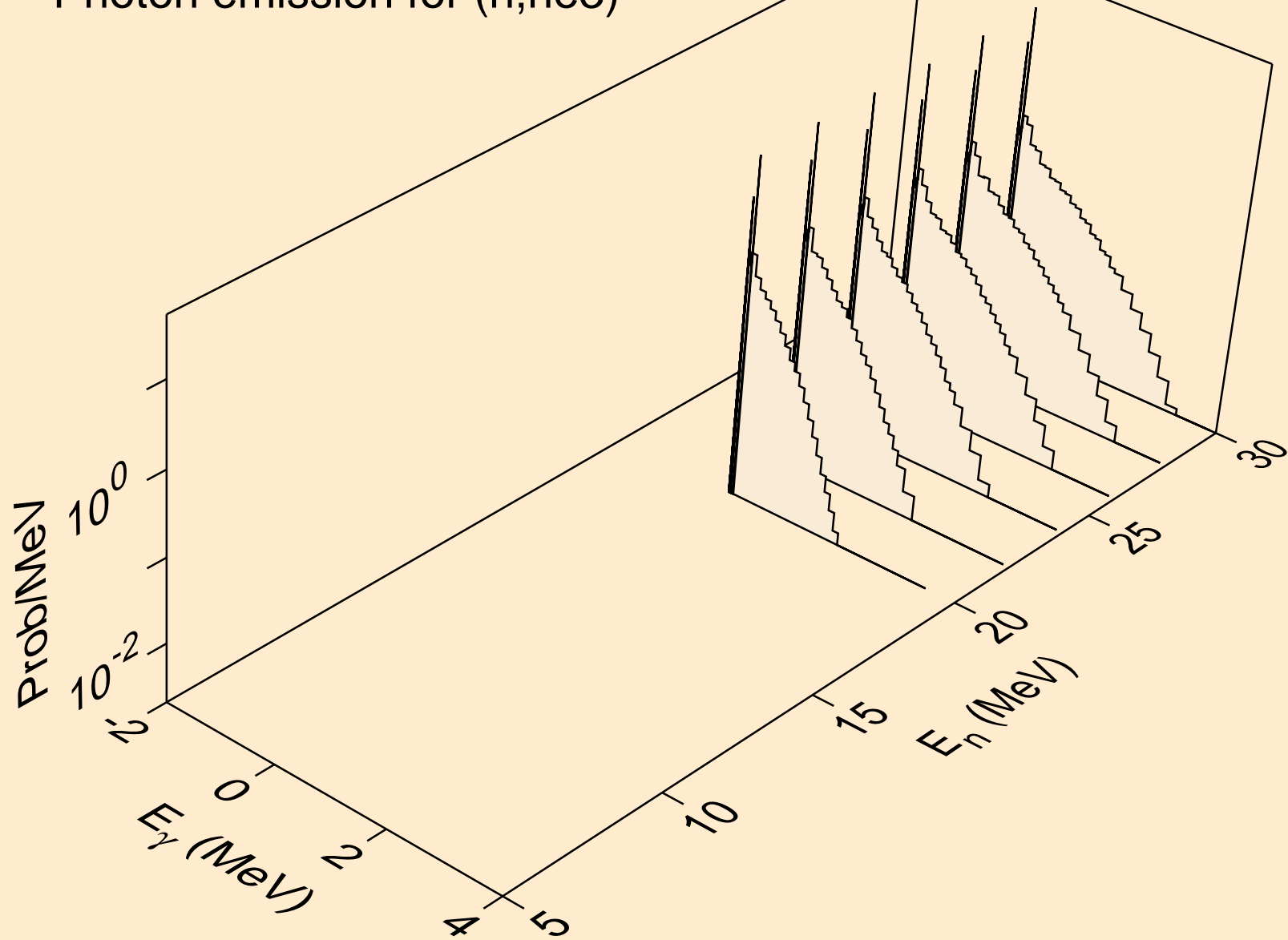
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



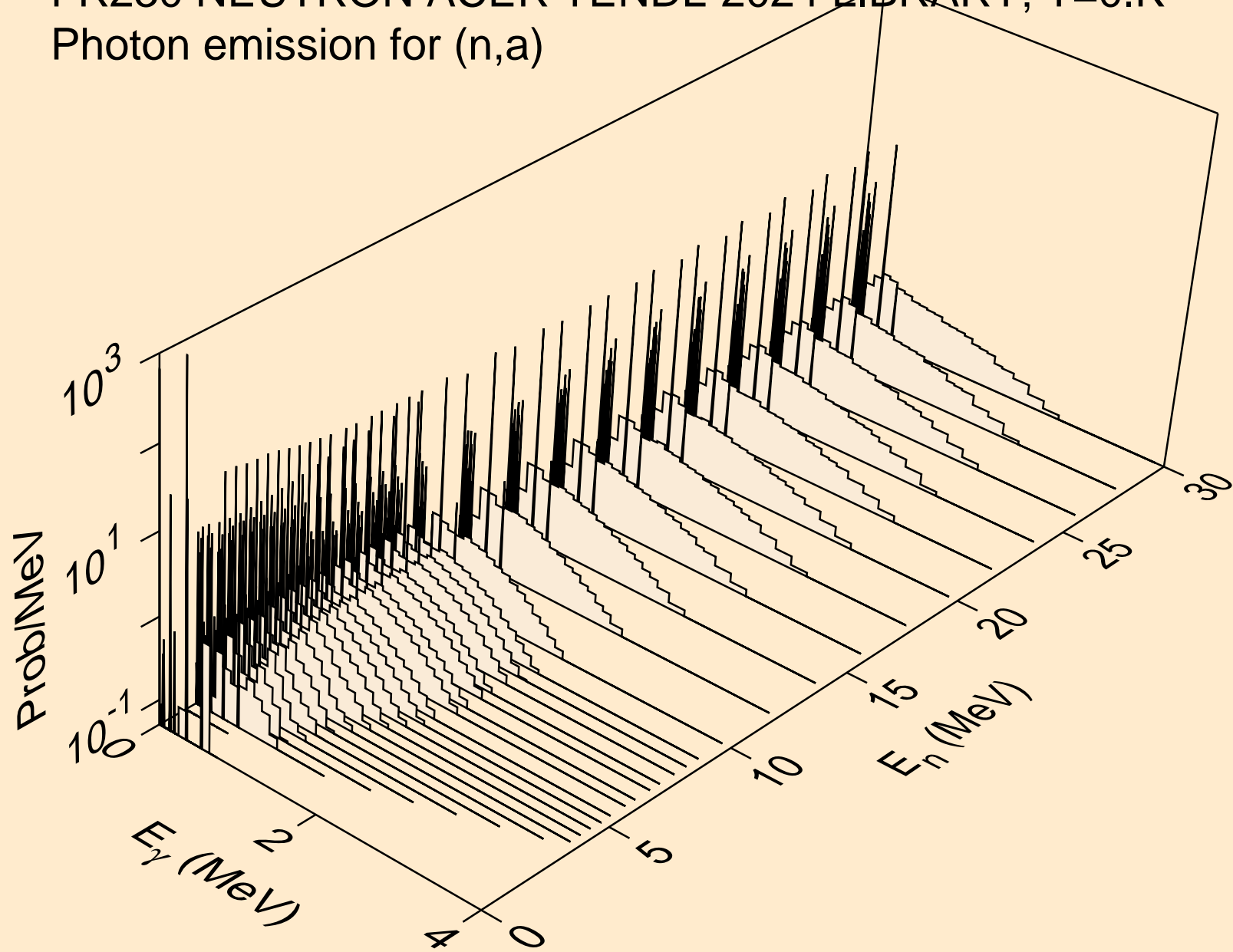
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



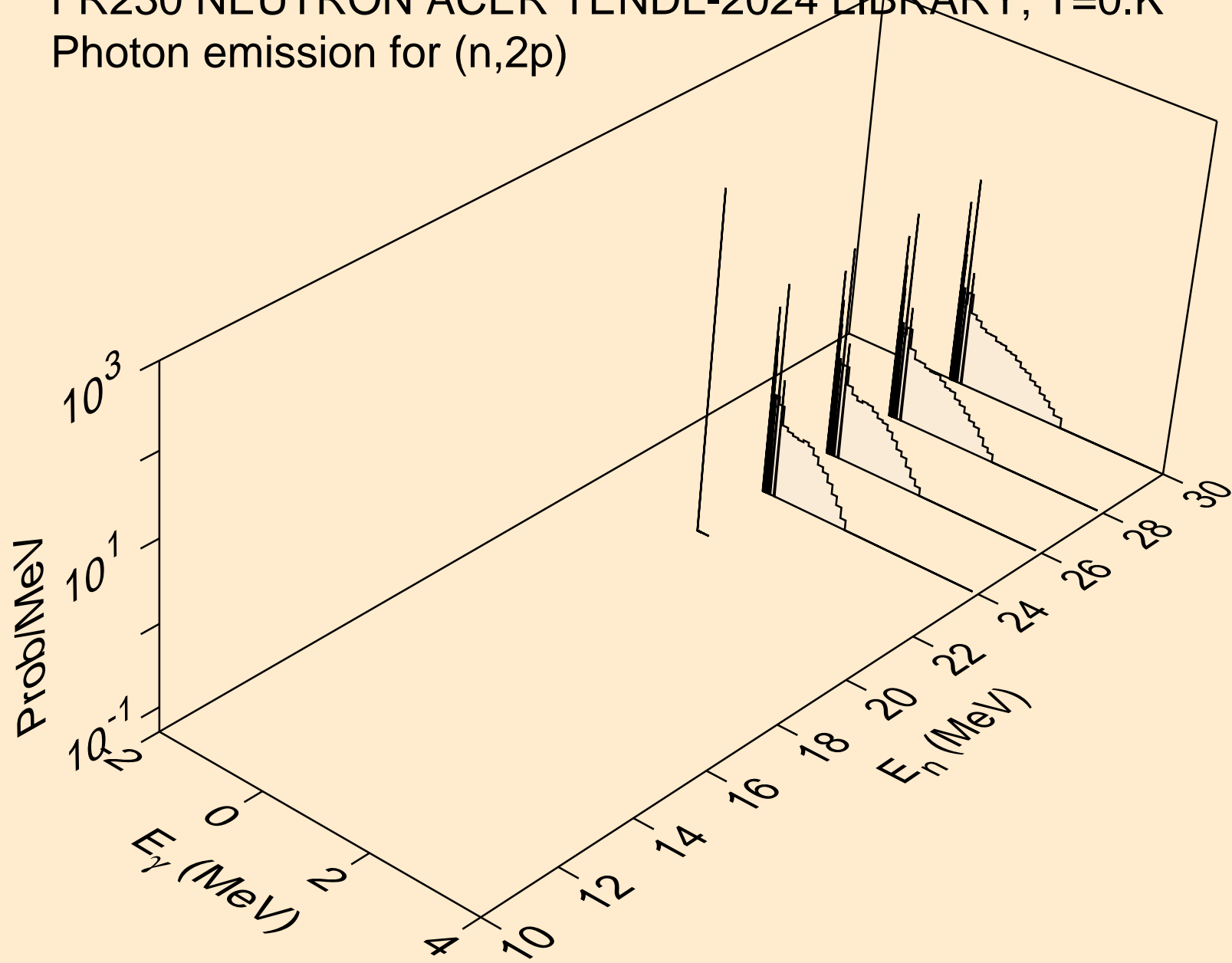
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)

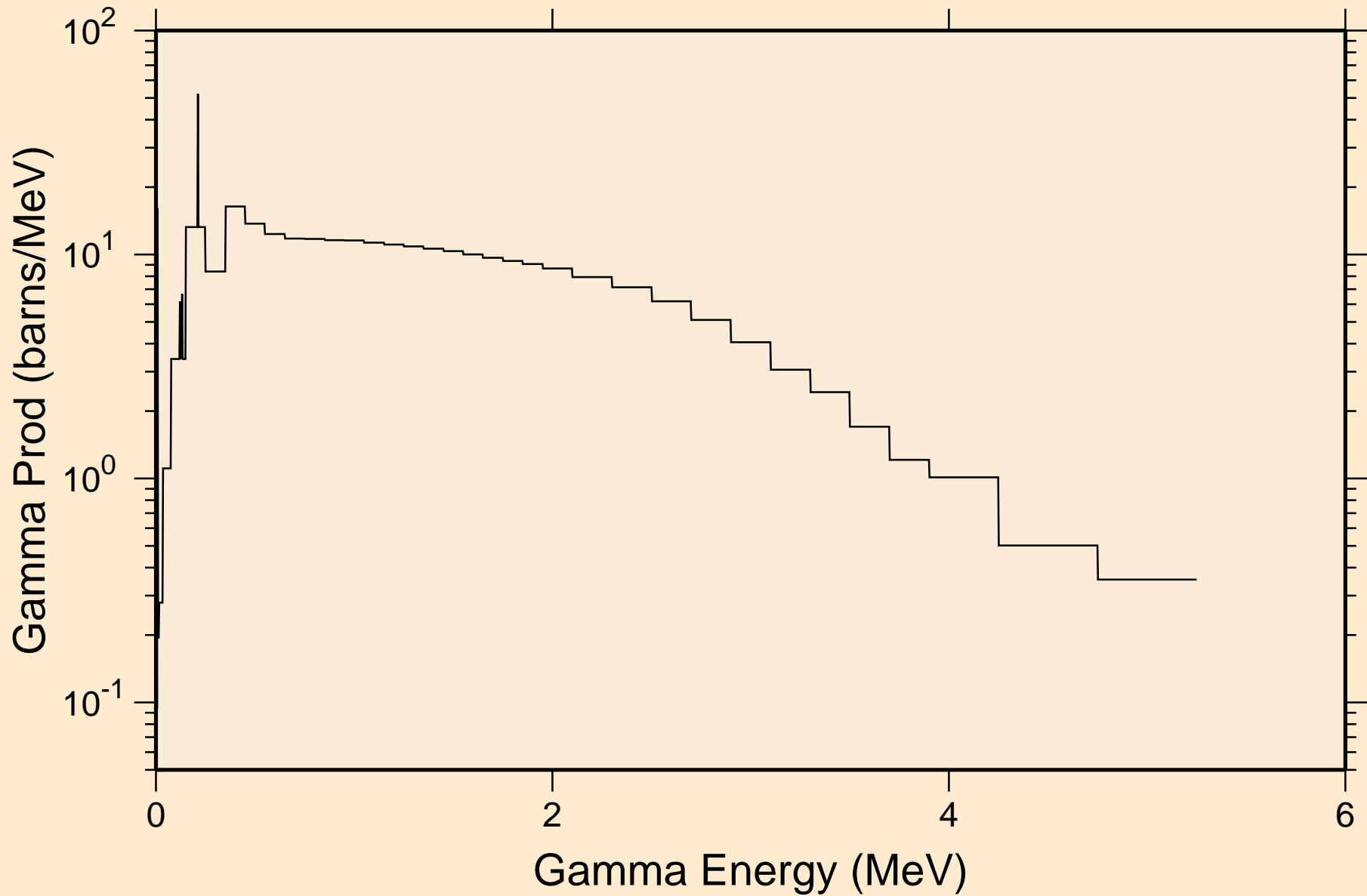


FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)

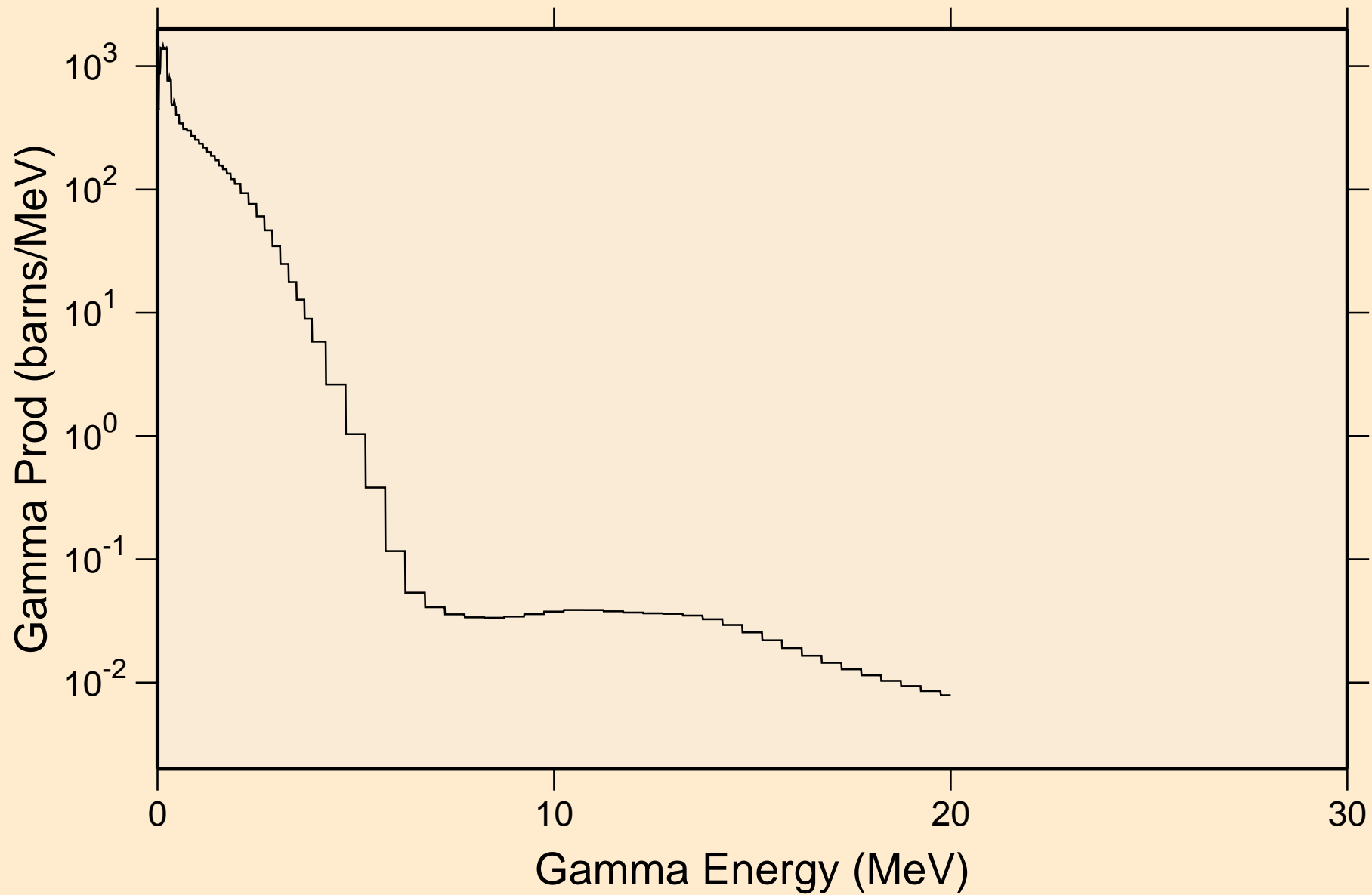




FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

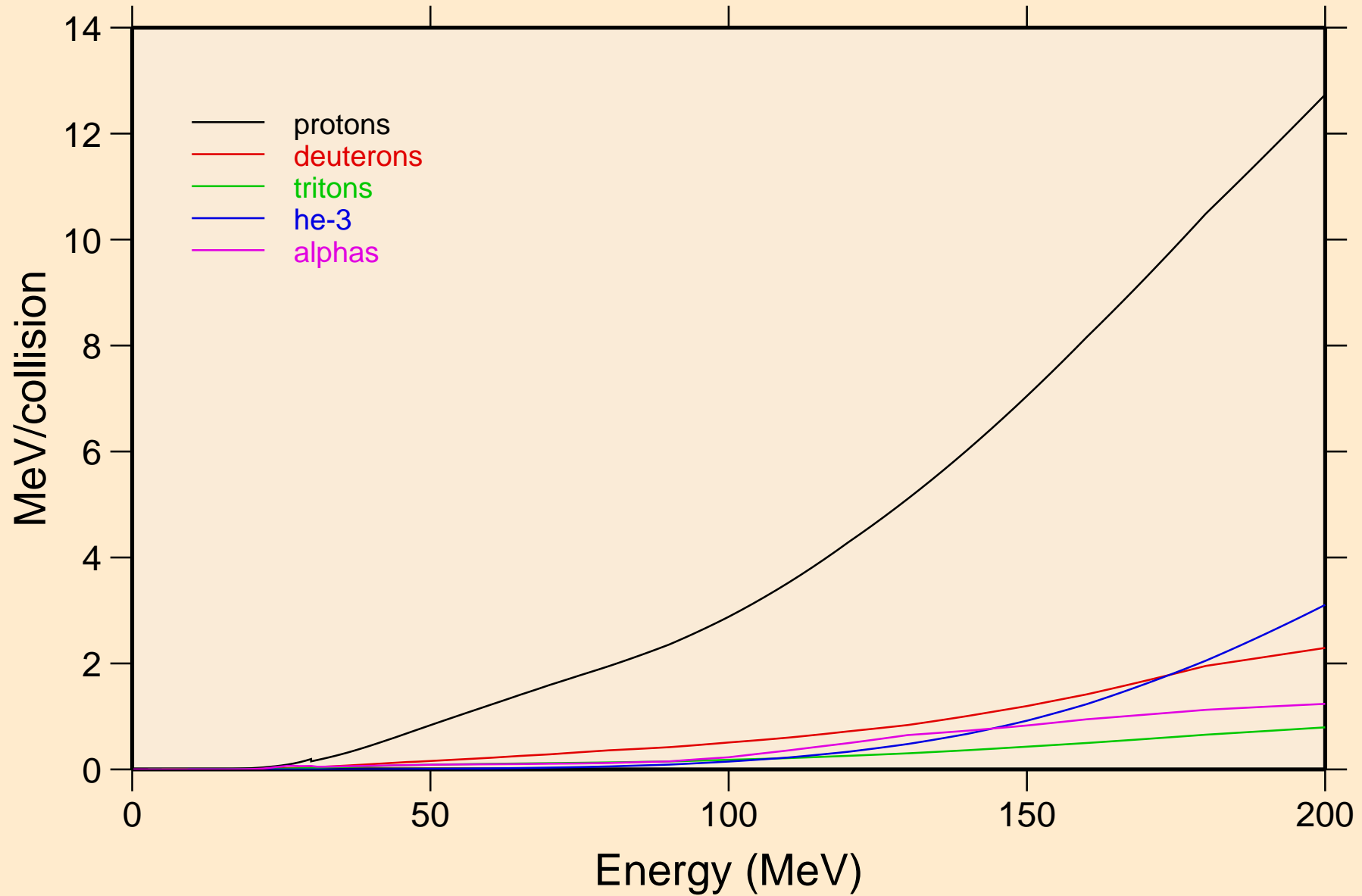


FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

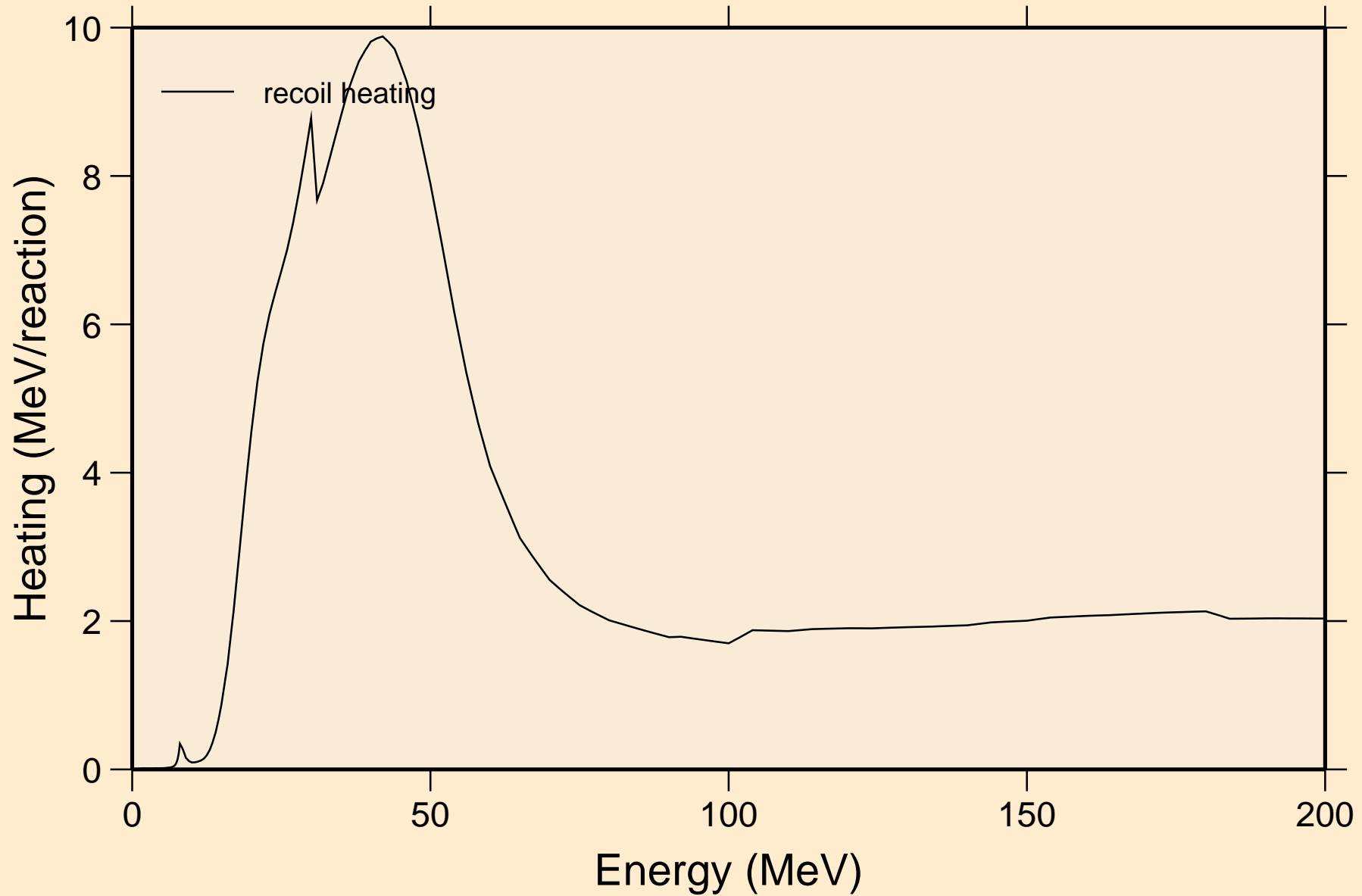


# FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

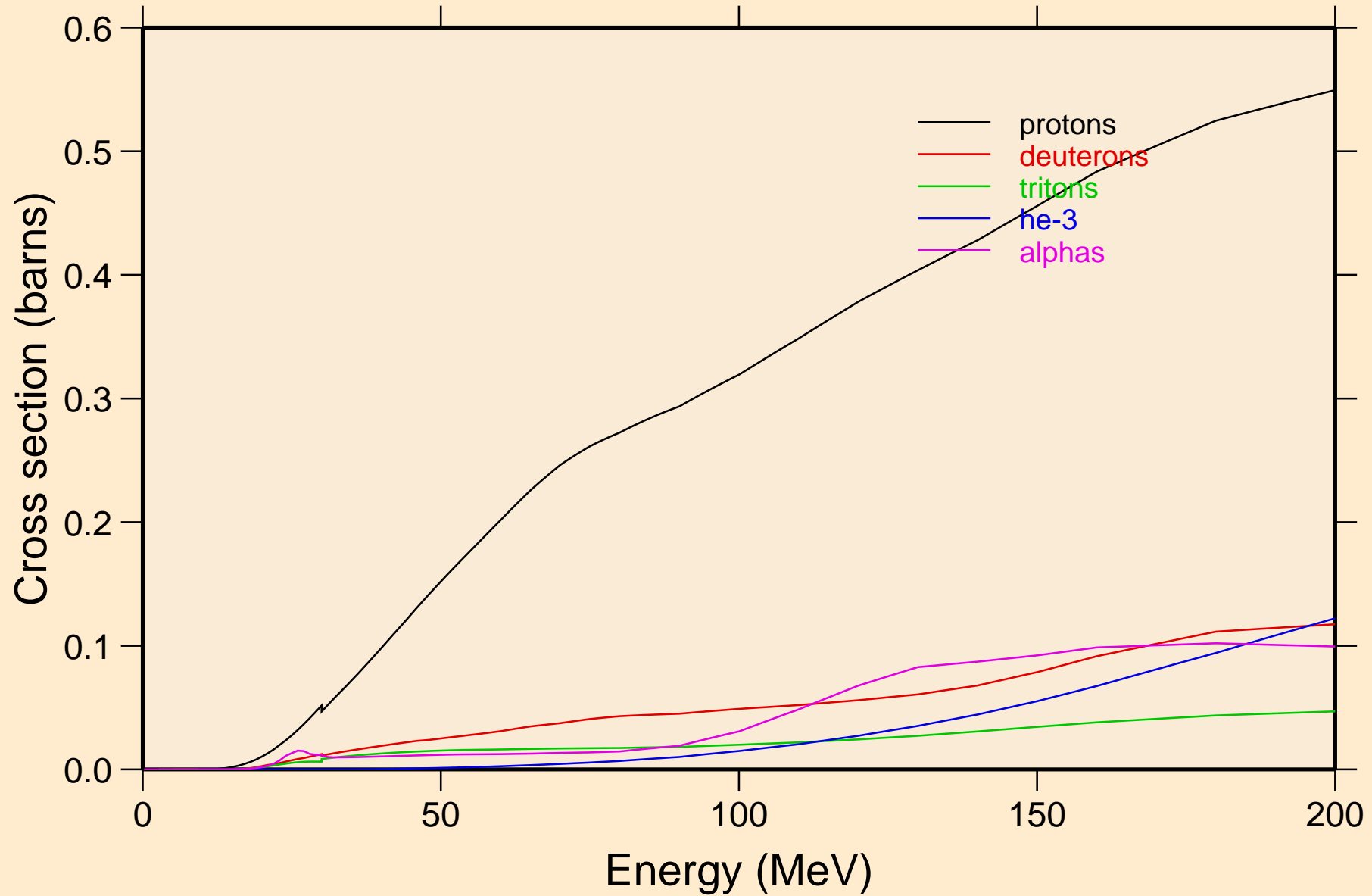
## Particle heating contributions



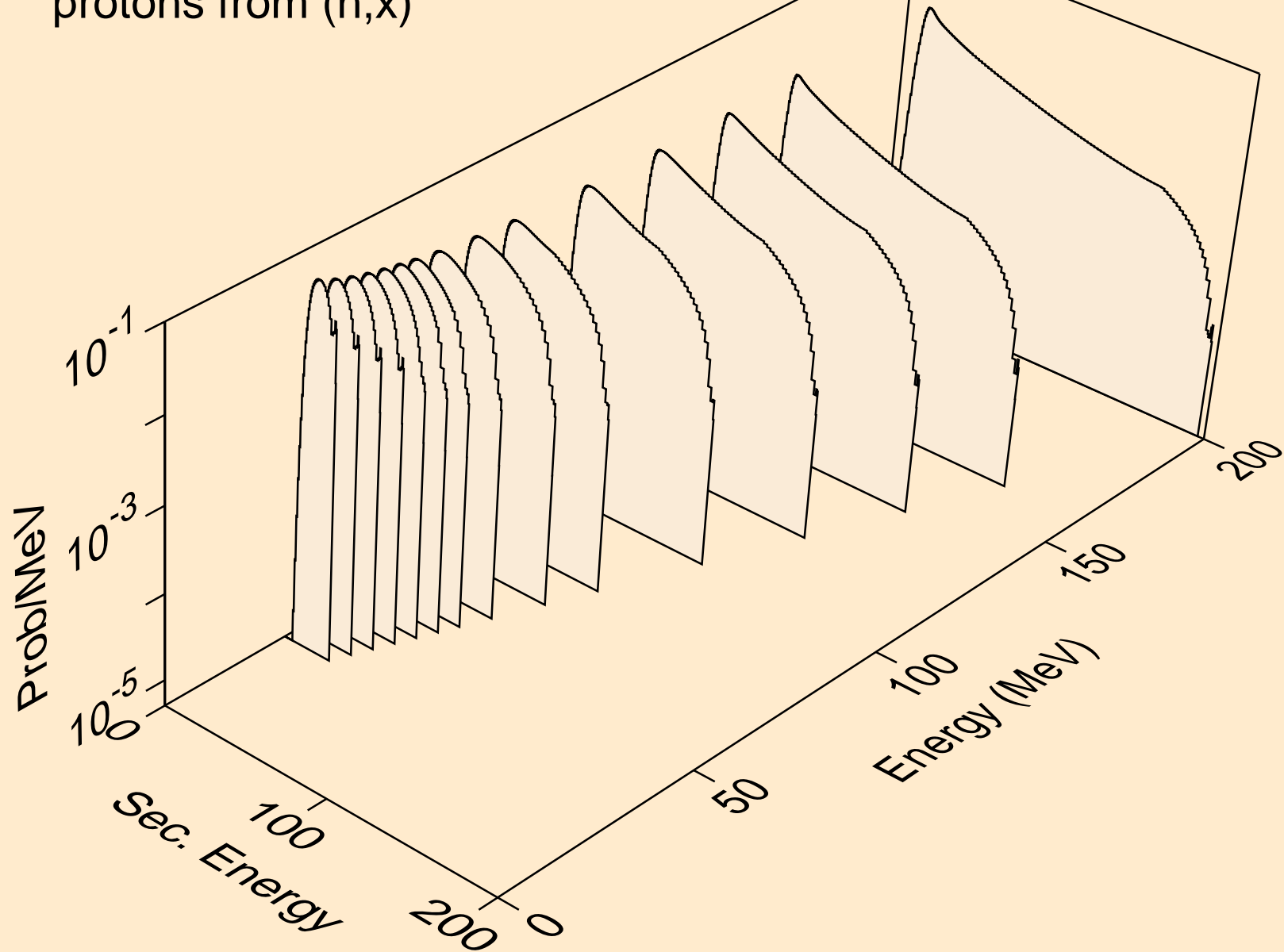
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating



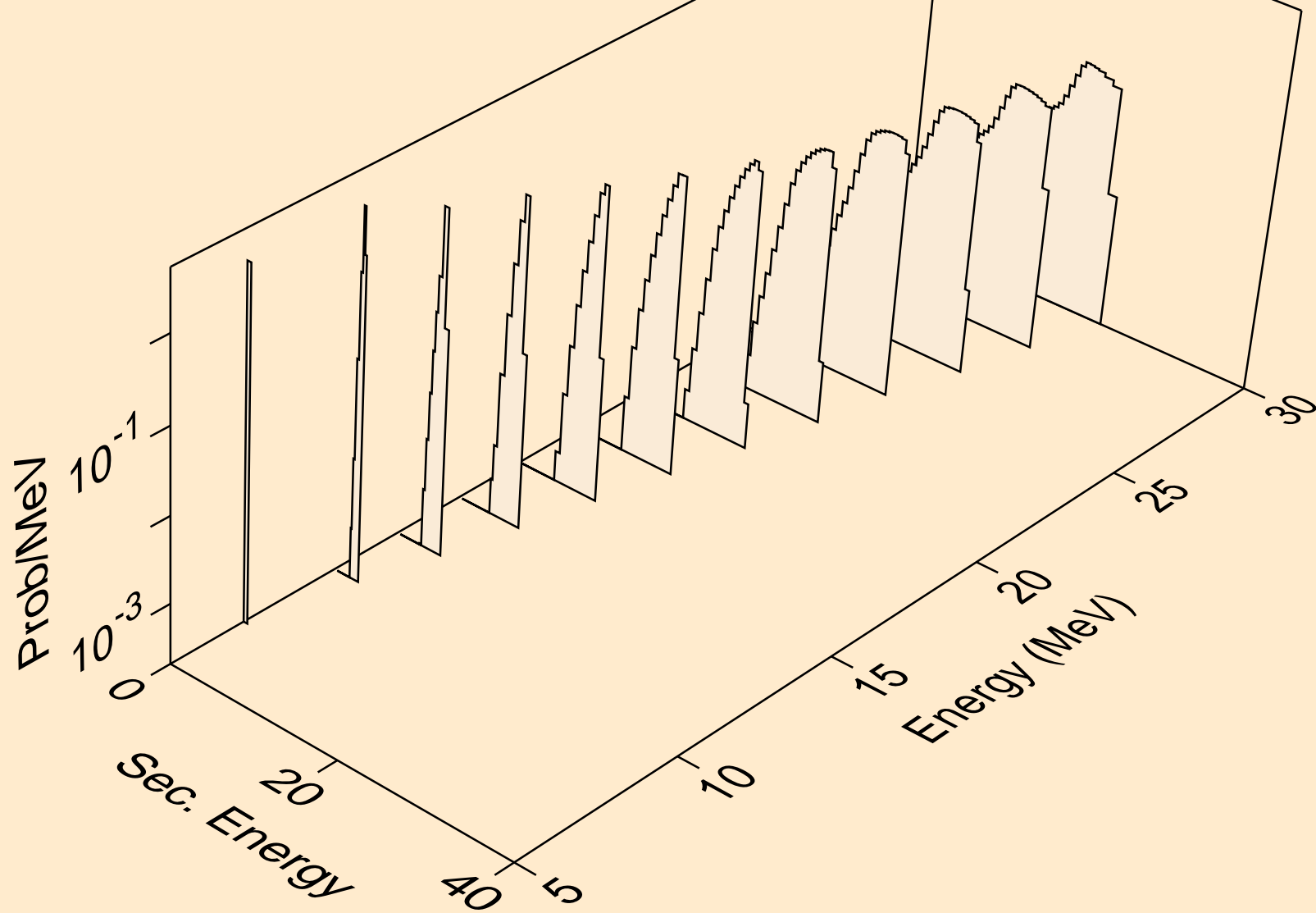
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



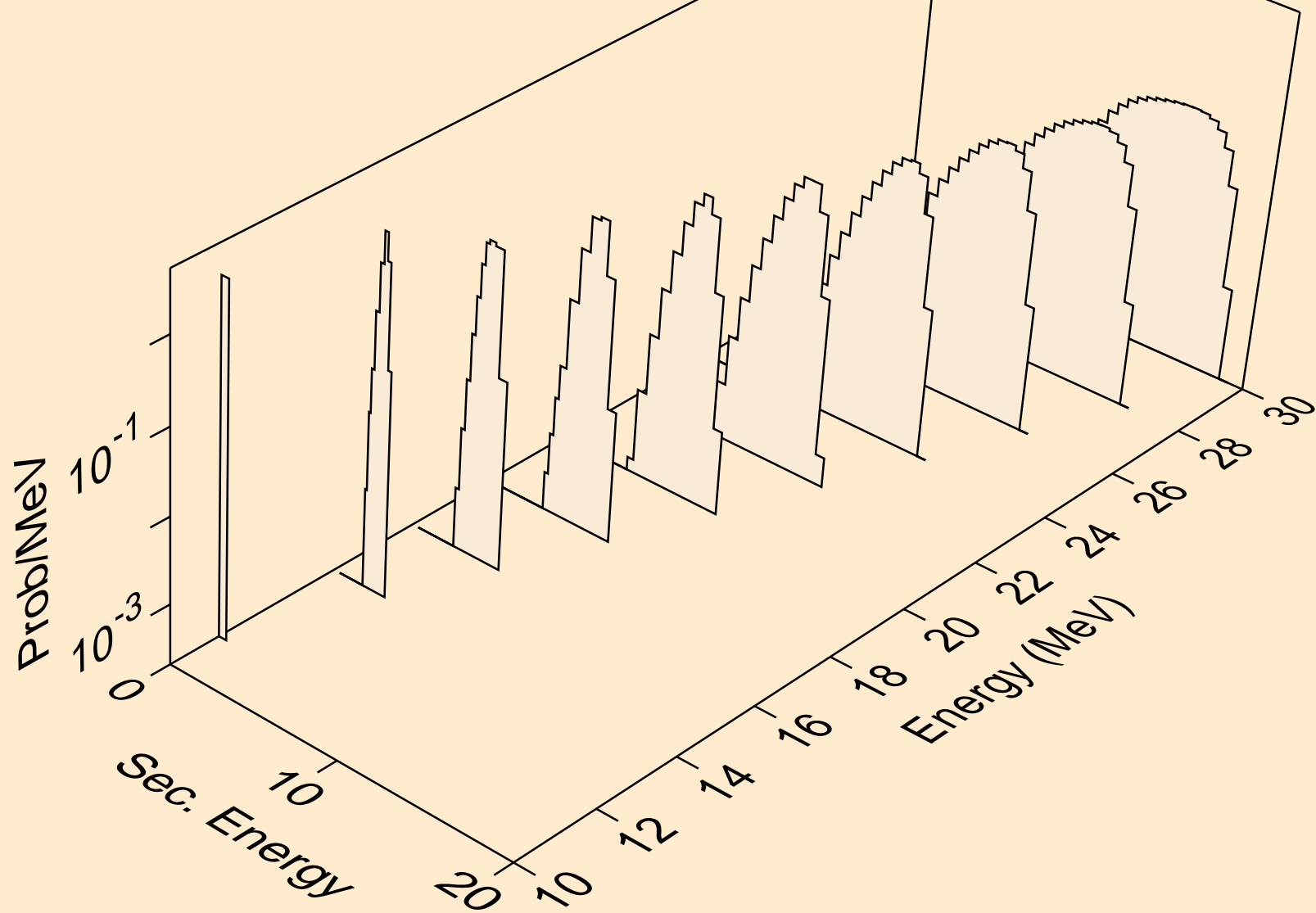
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p

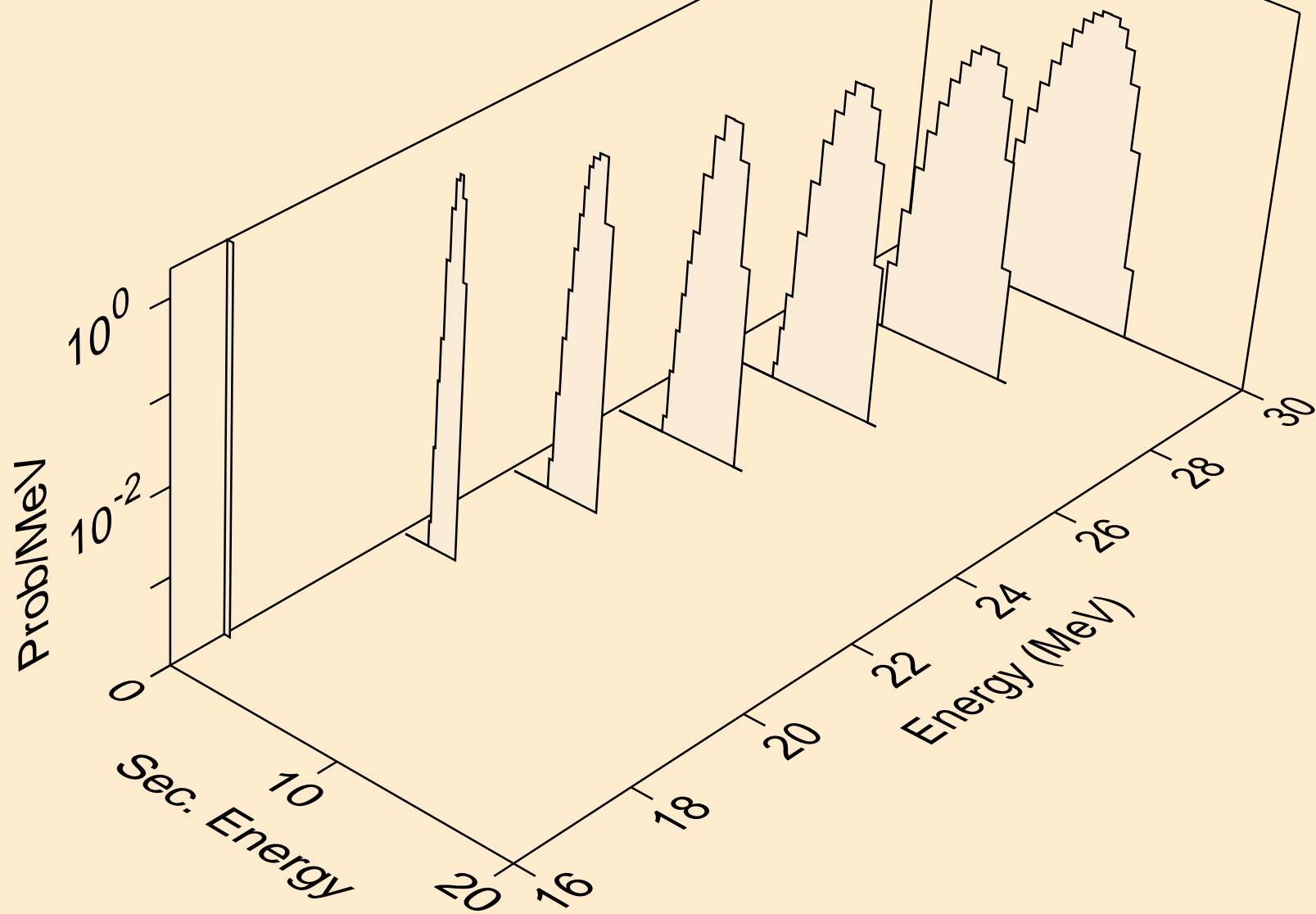


FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)

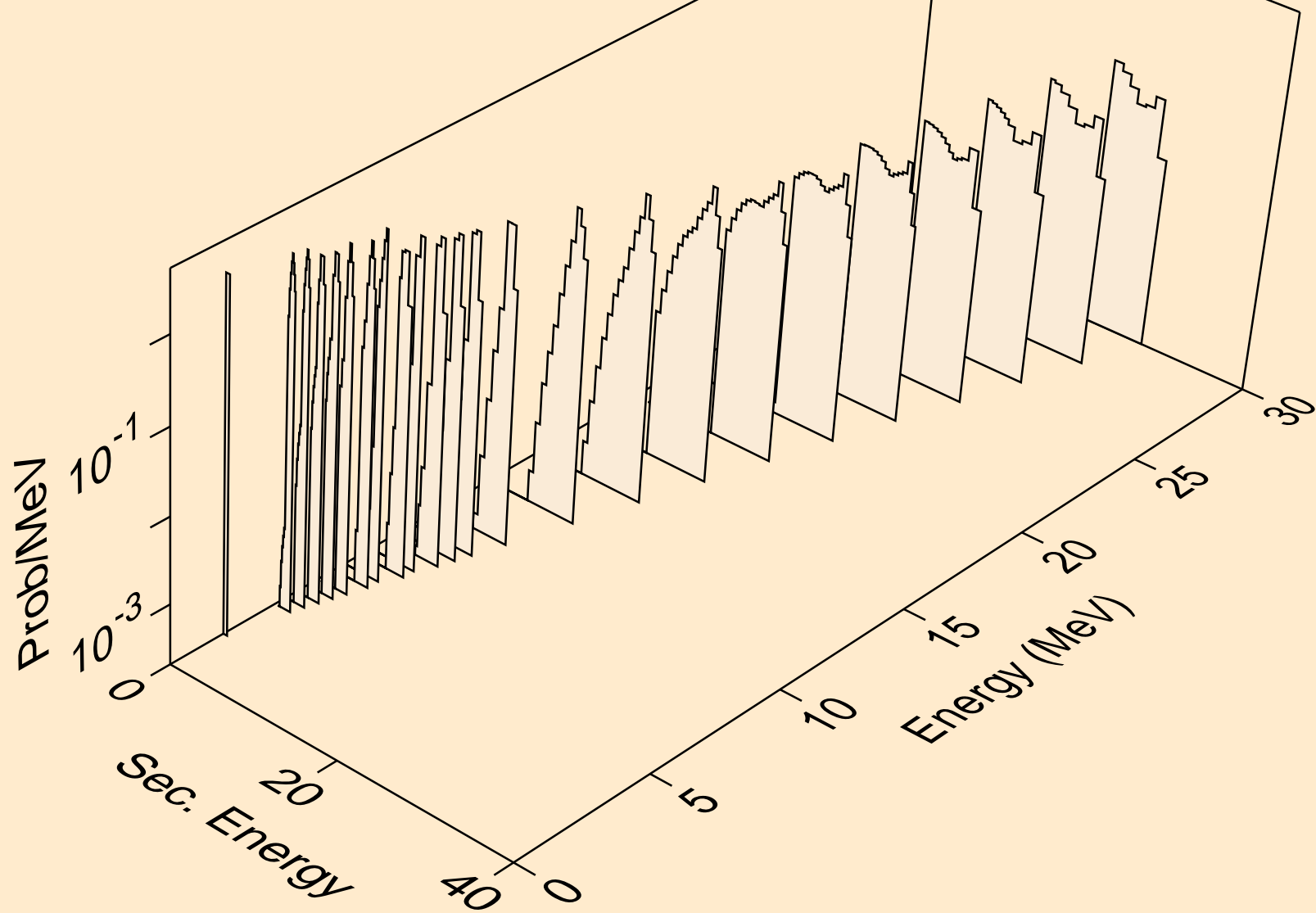




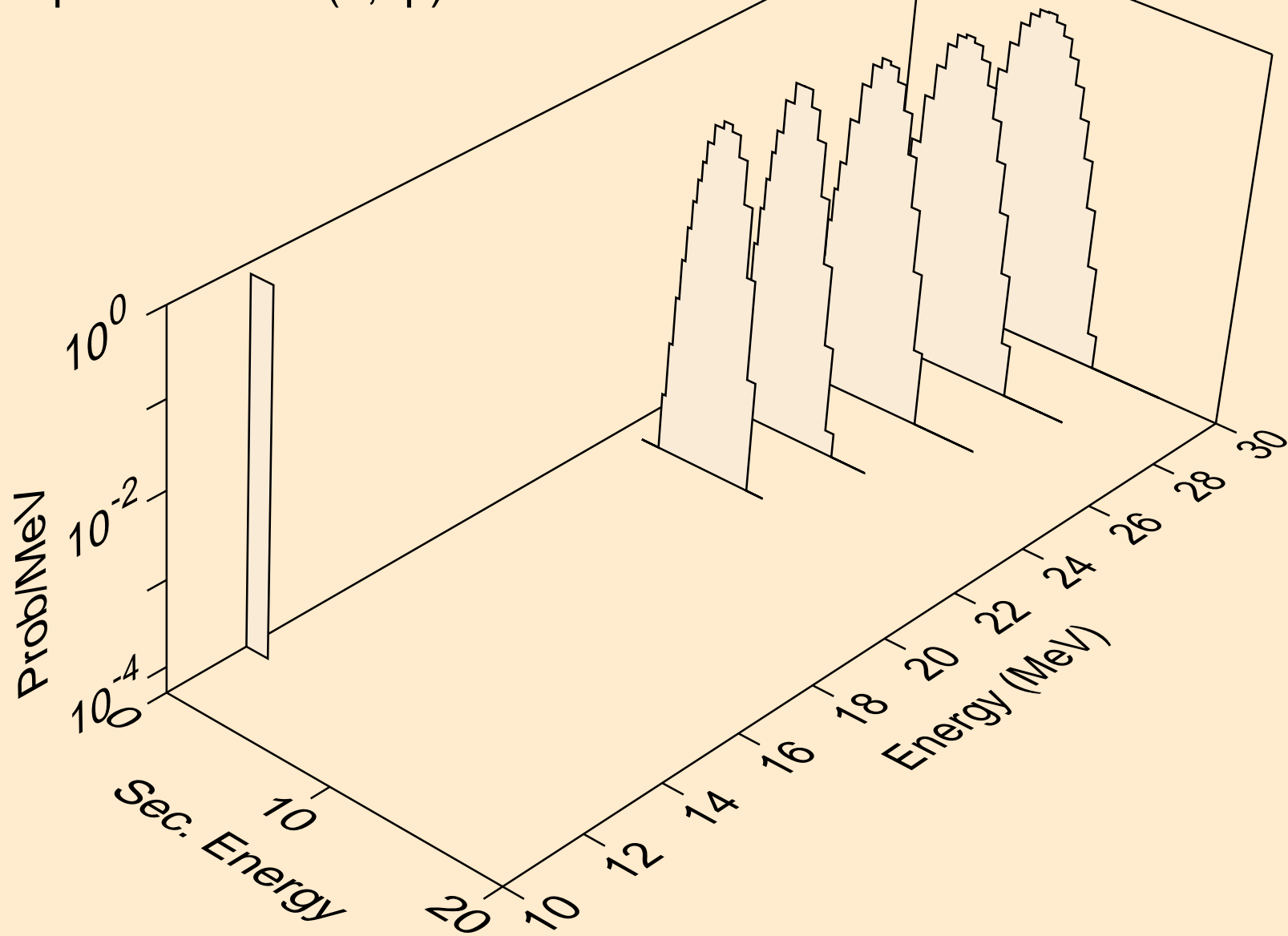
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)



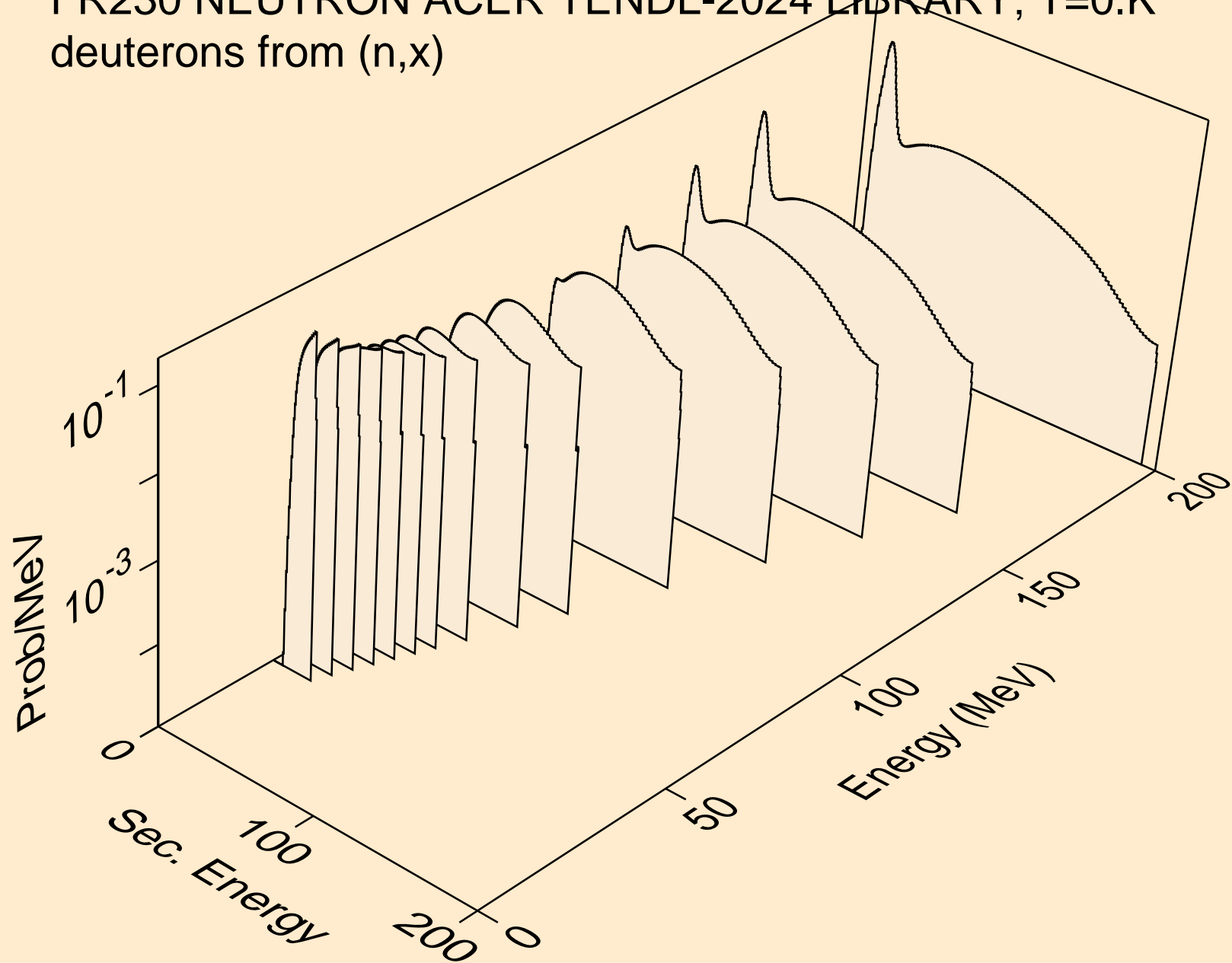
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)



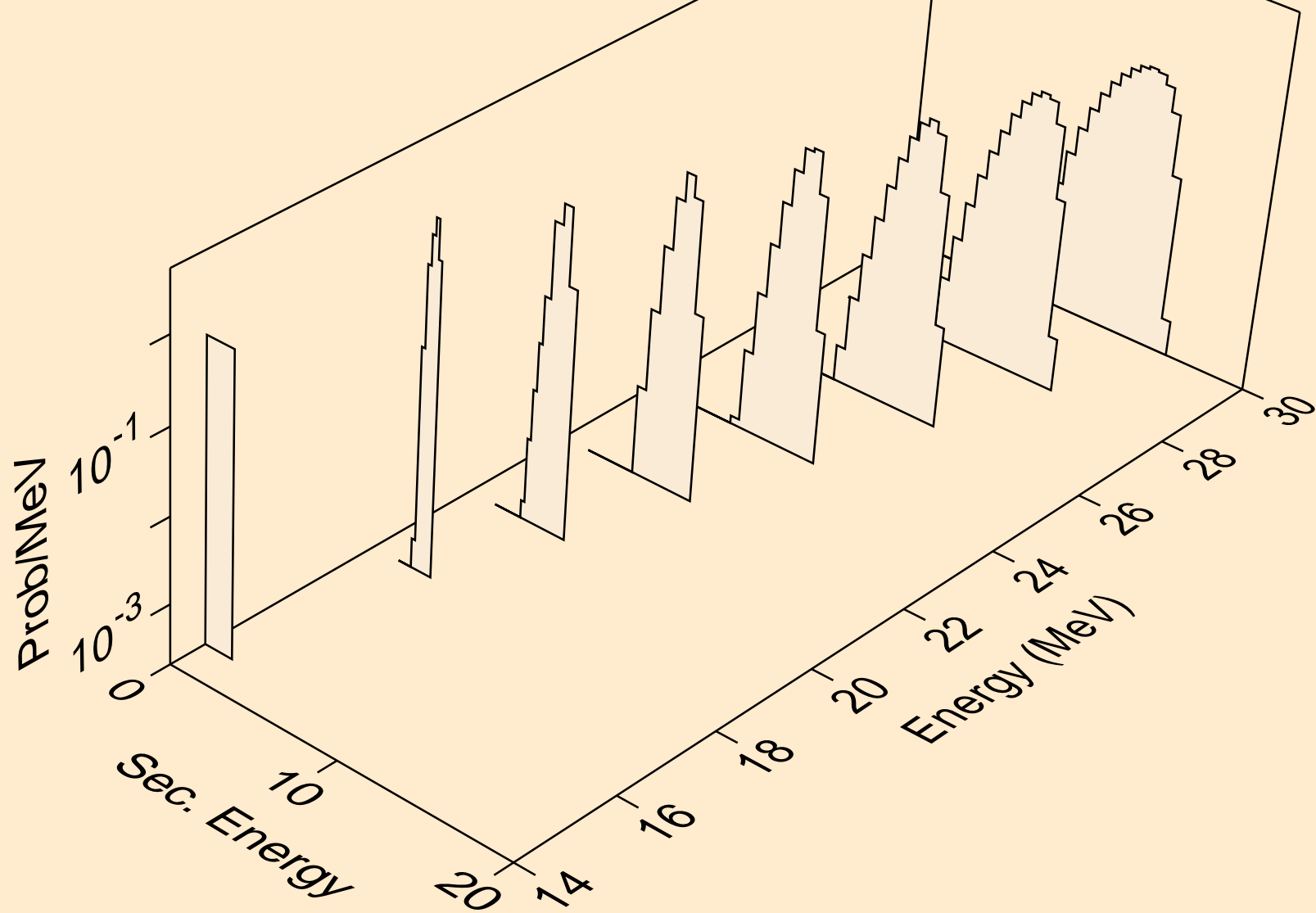
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2p)



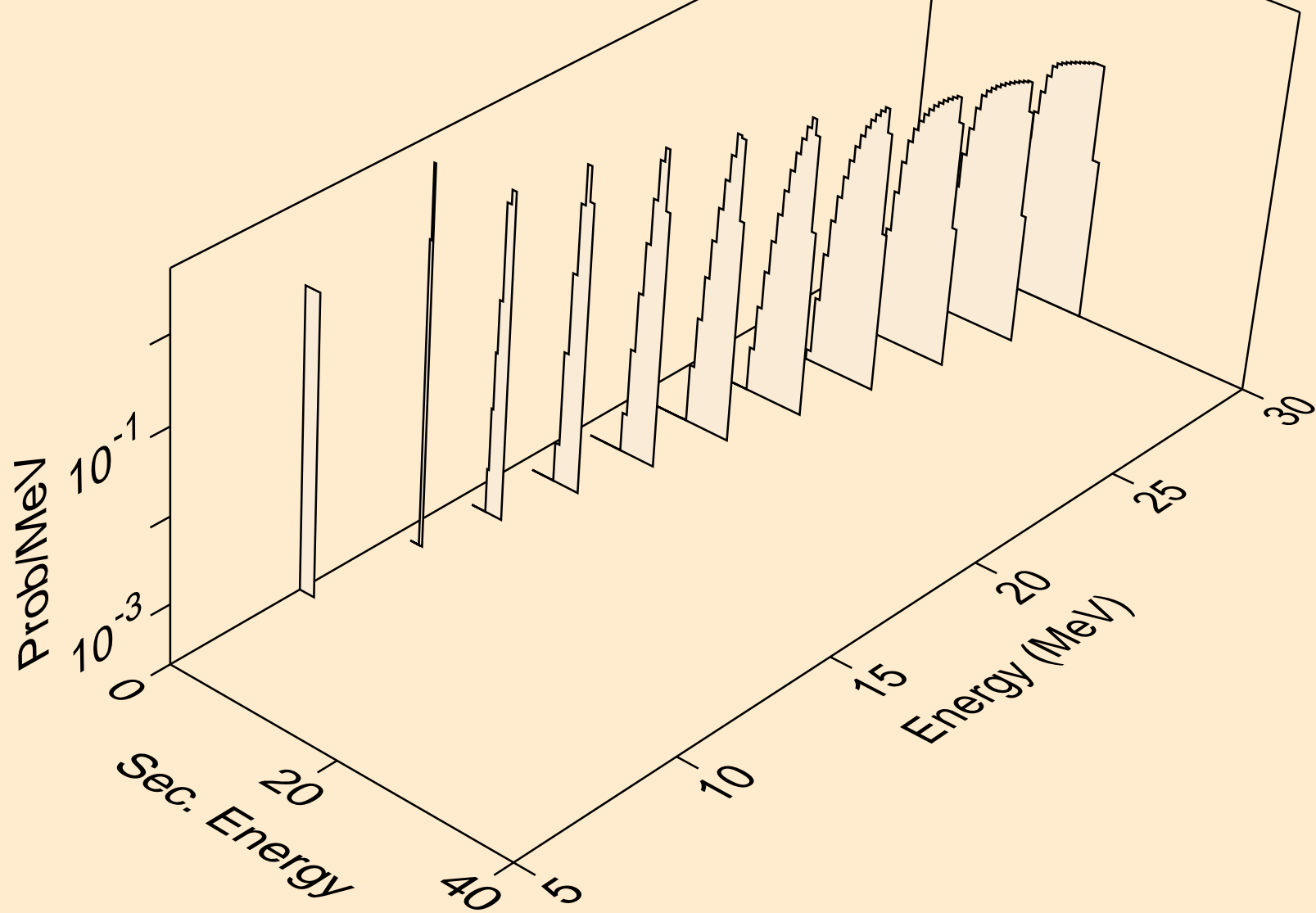
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)



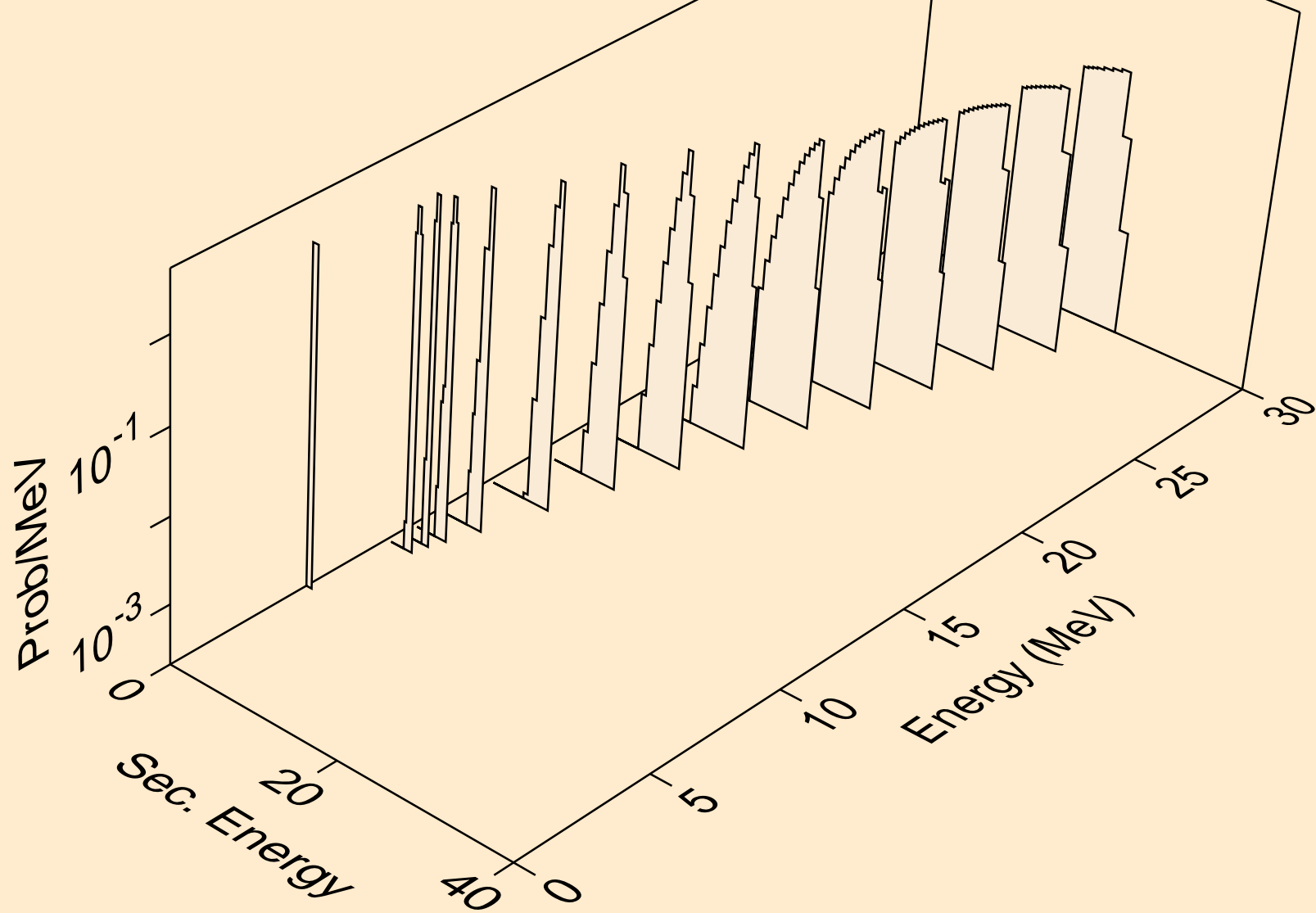
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,2nd)



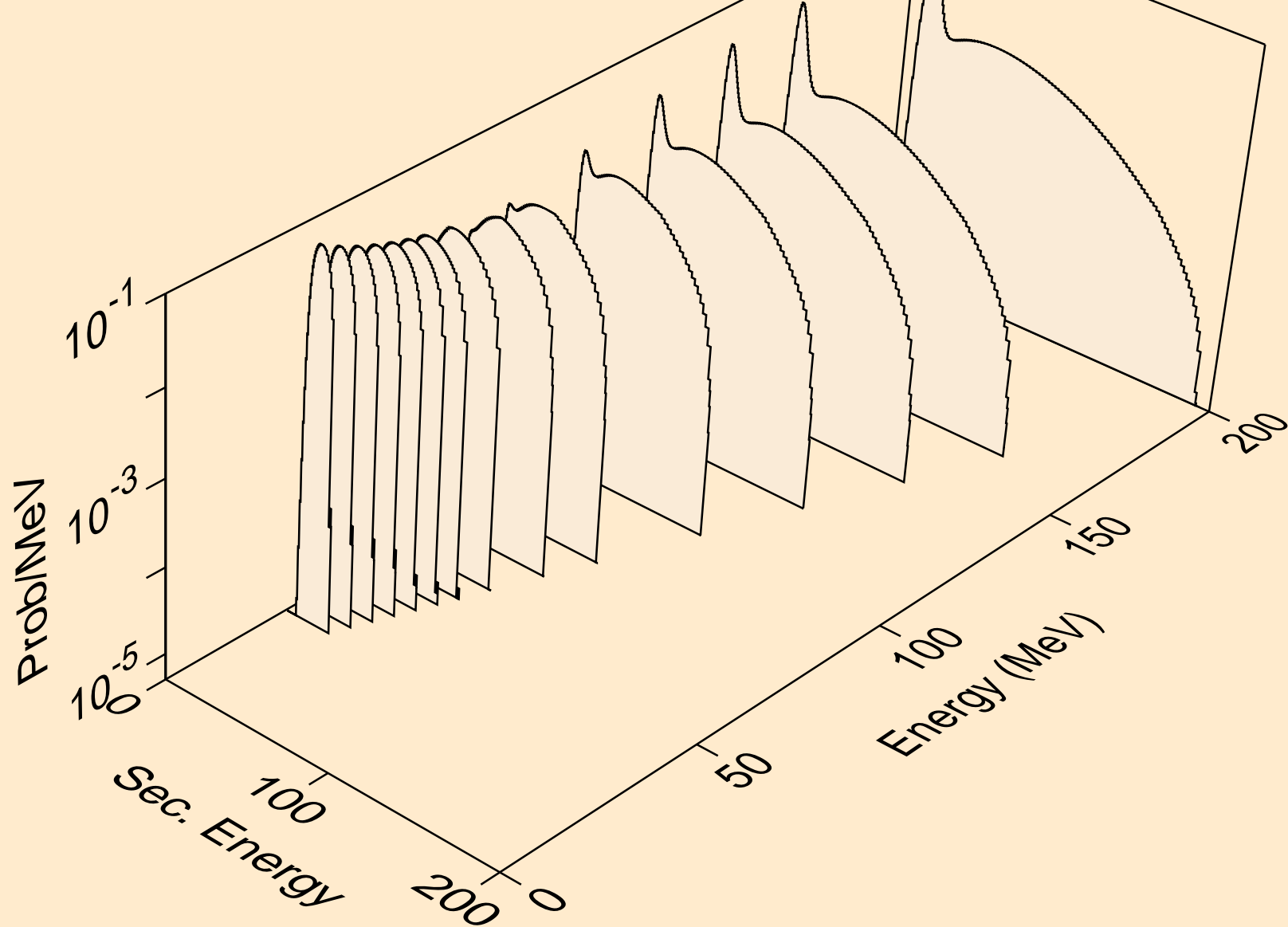
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d



FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,d)

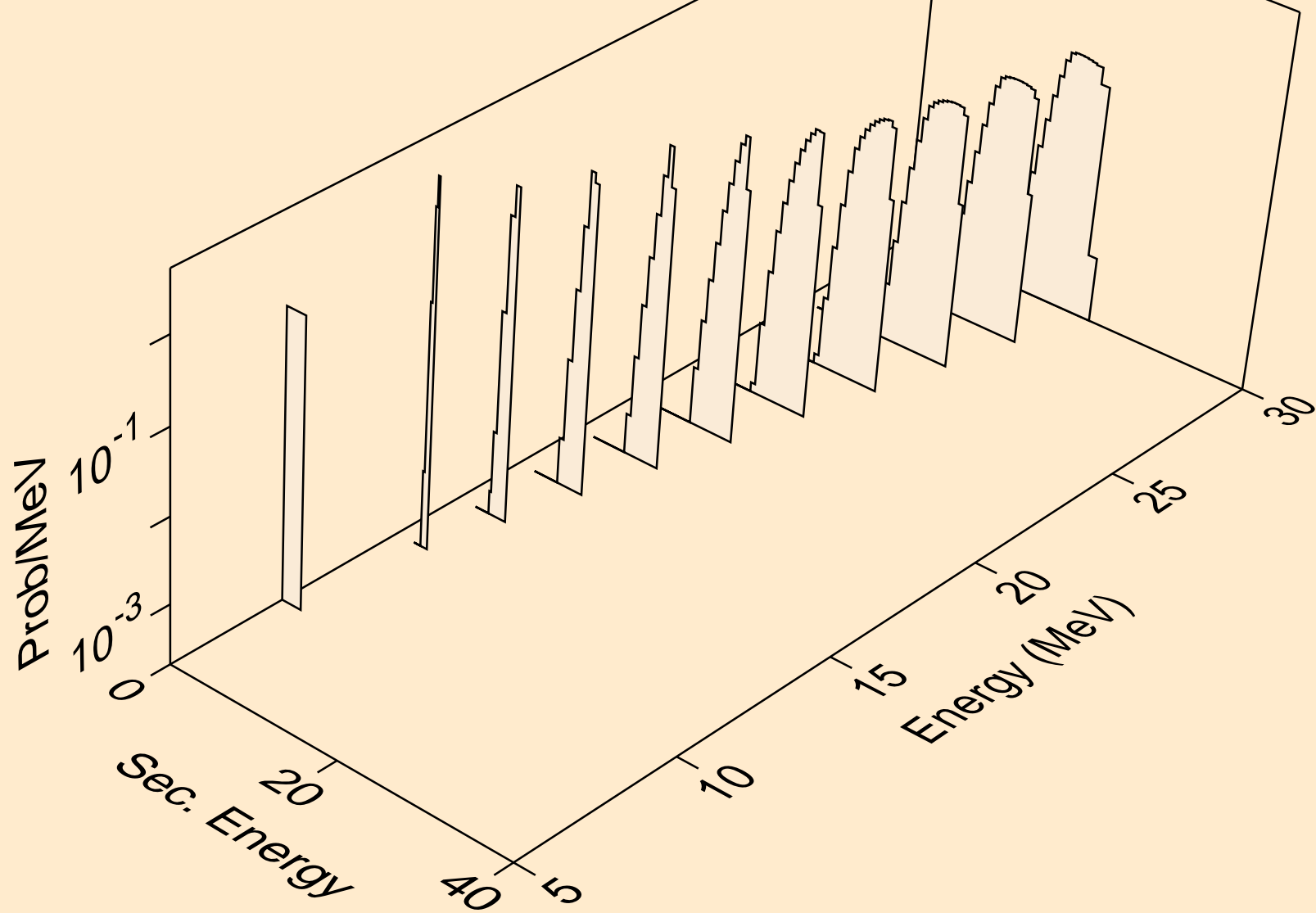


FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)

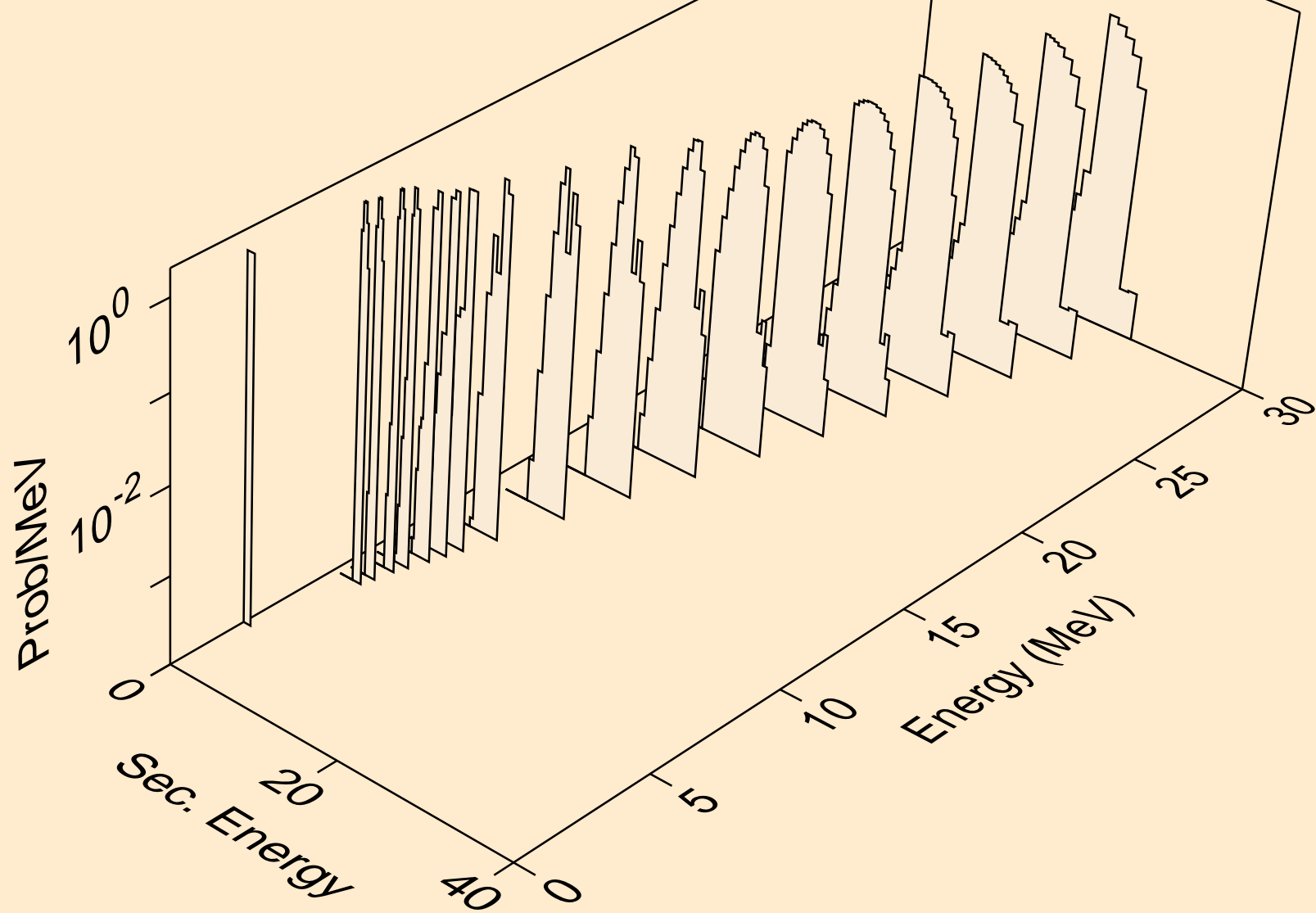




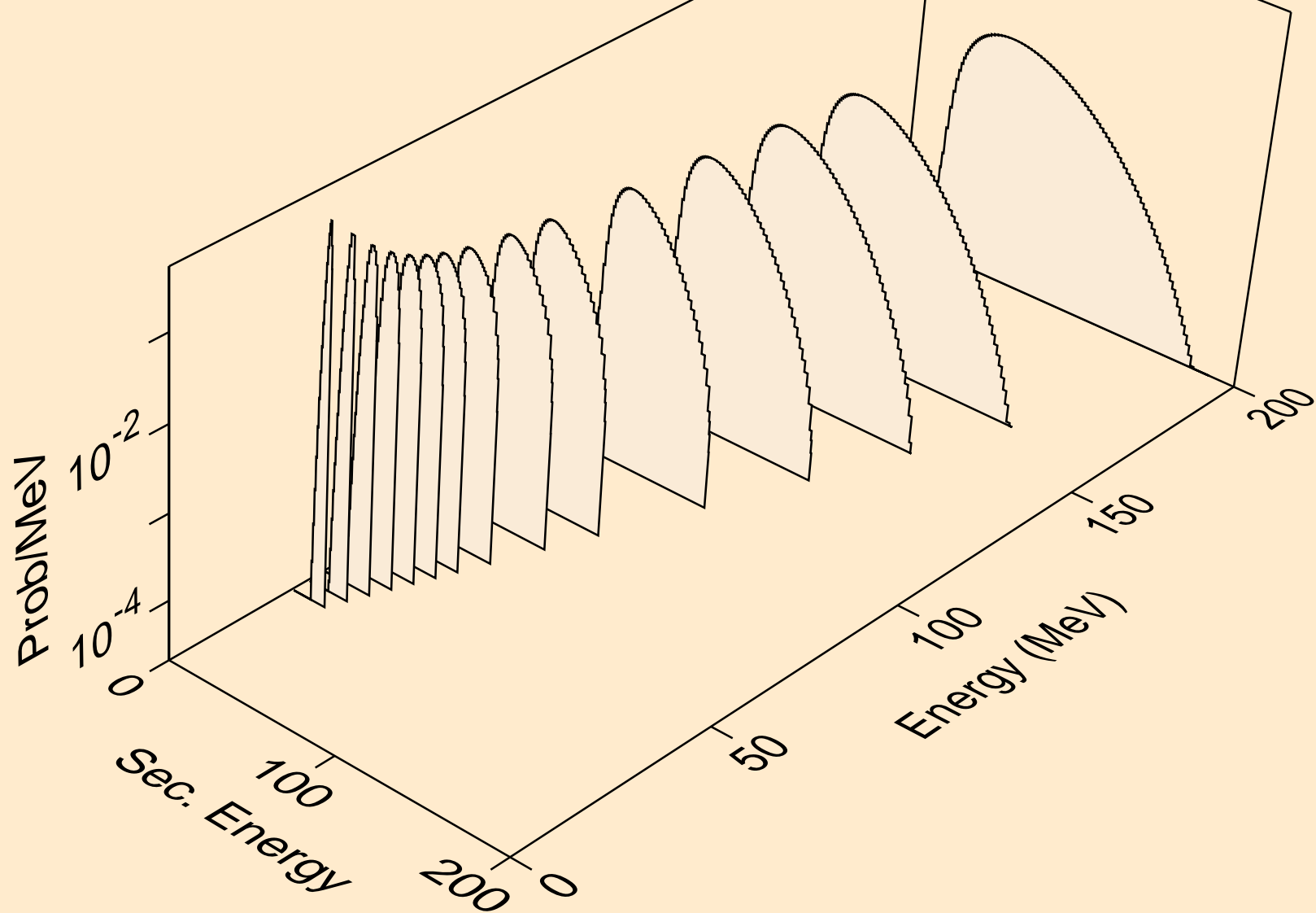
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



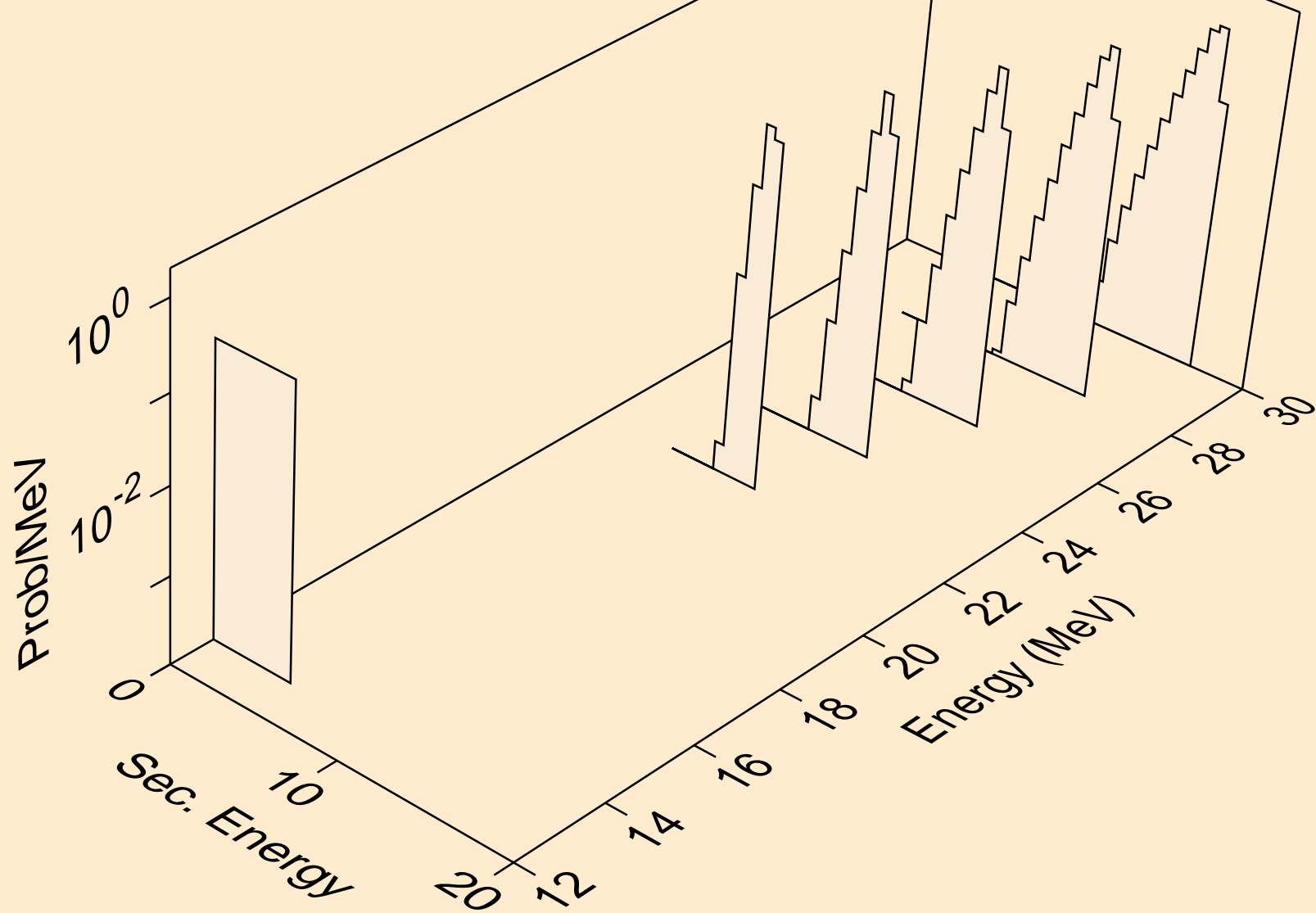
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)



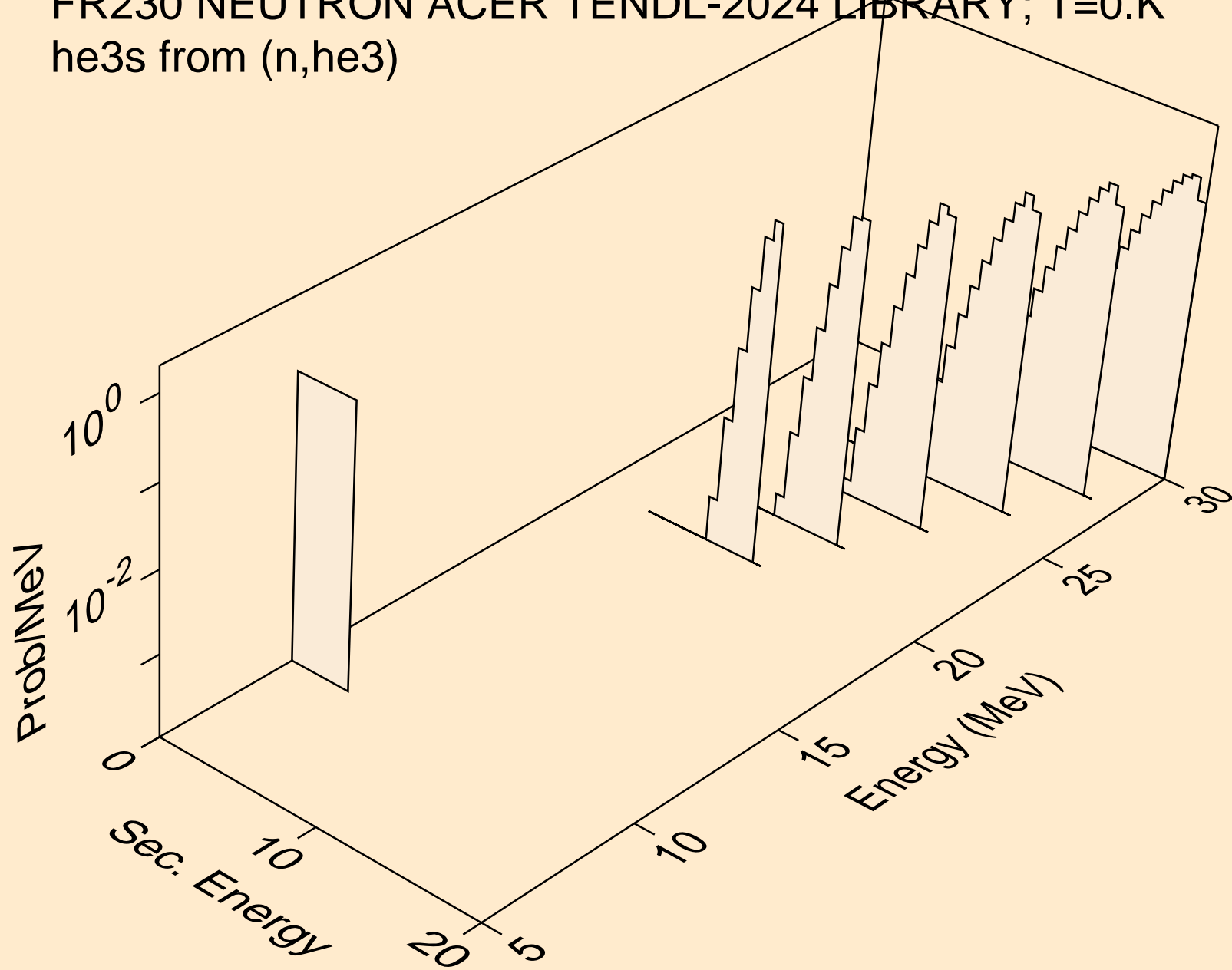
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



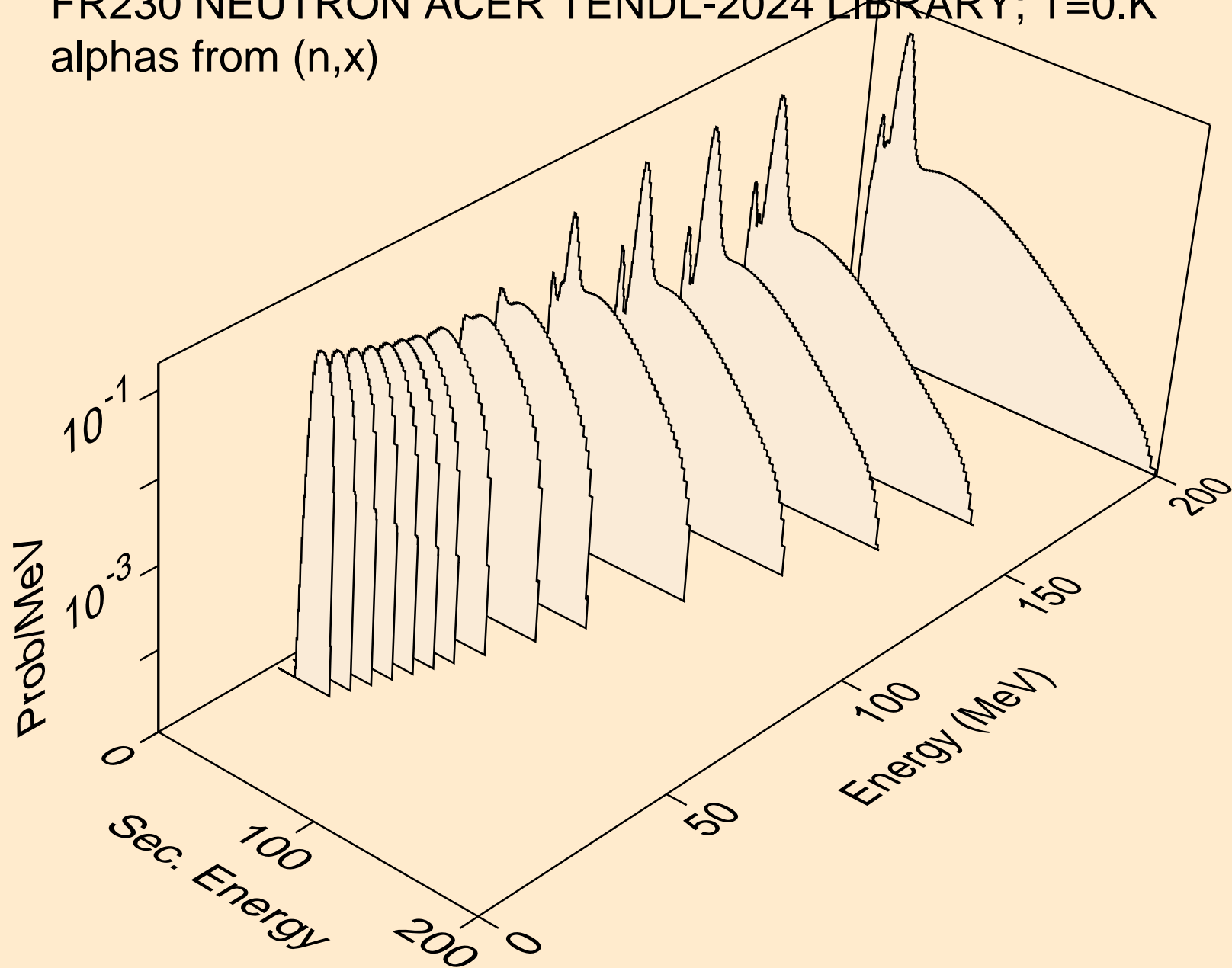
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



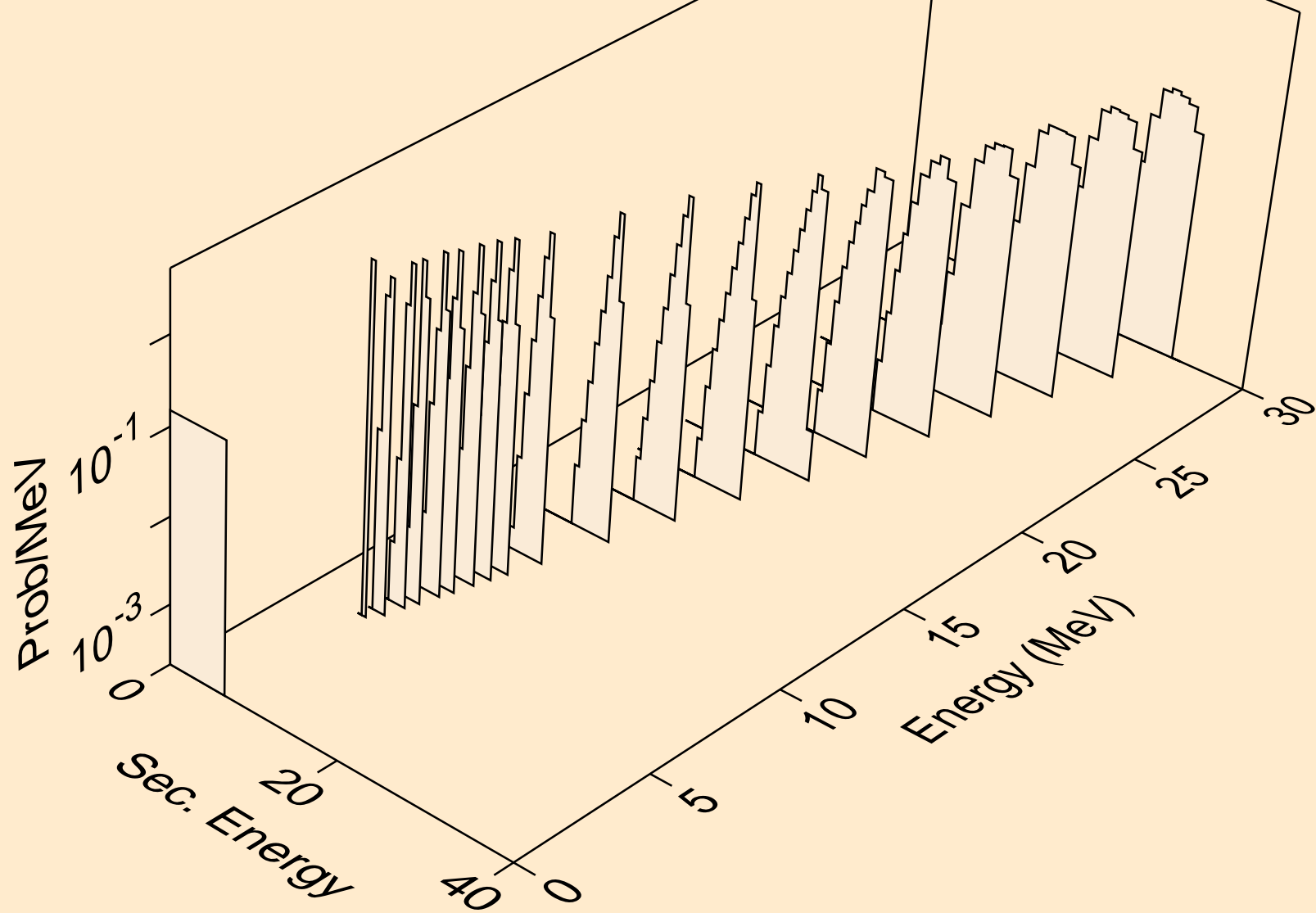
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)



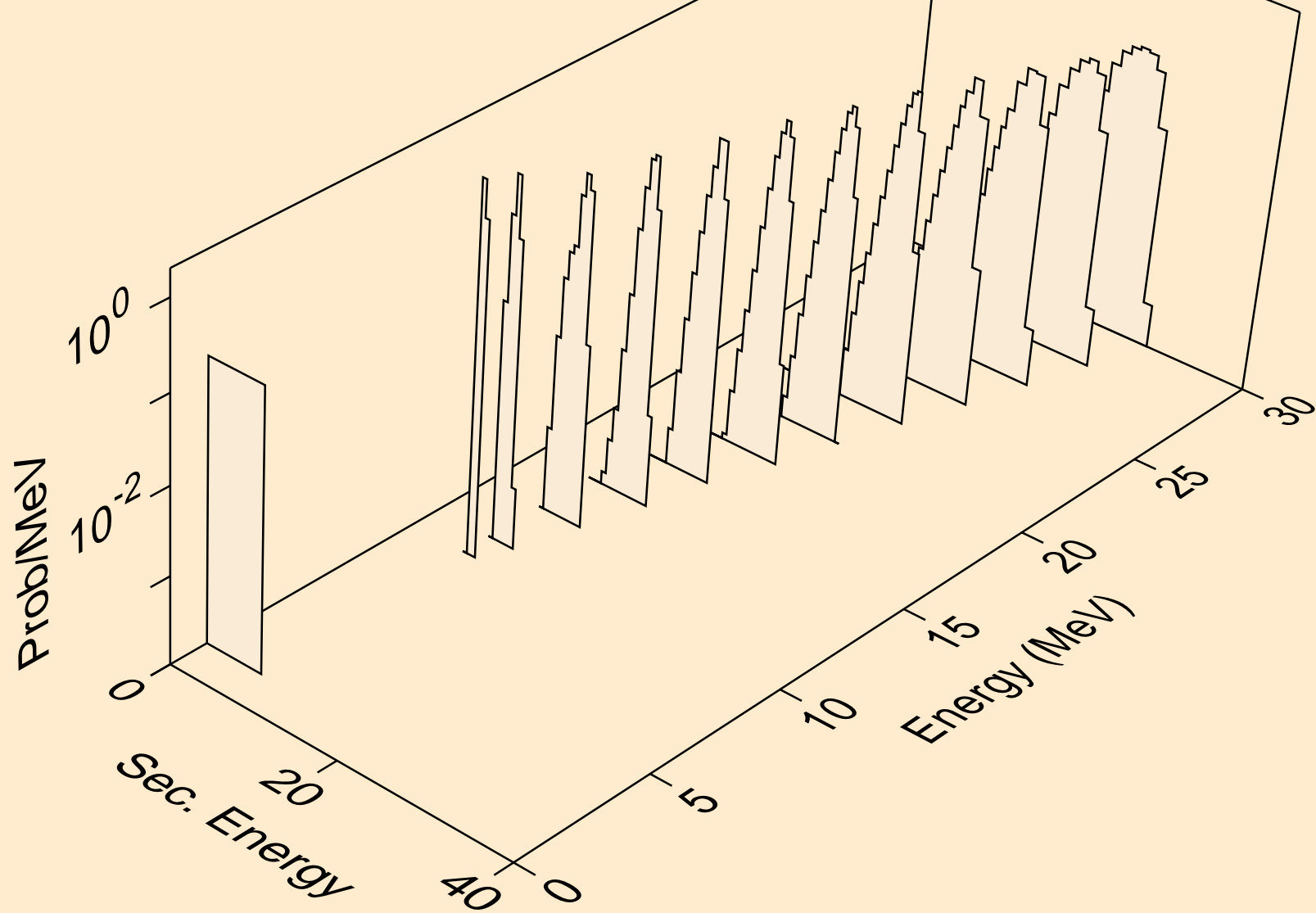
FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a

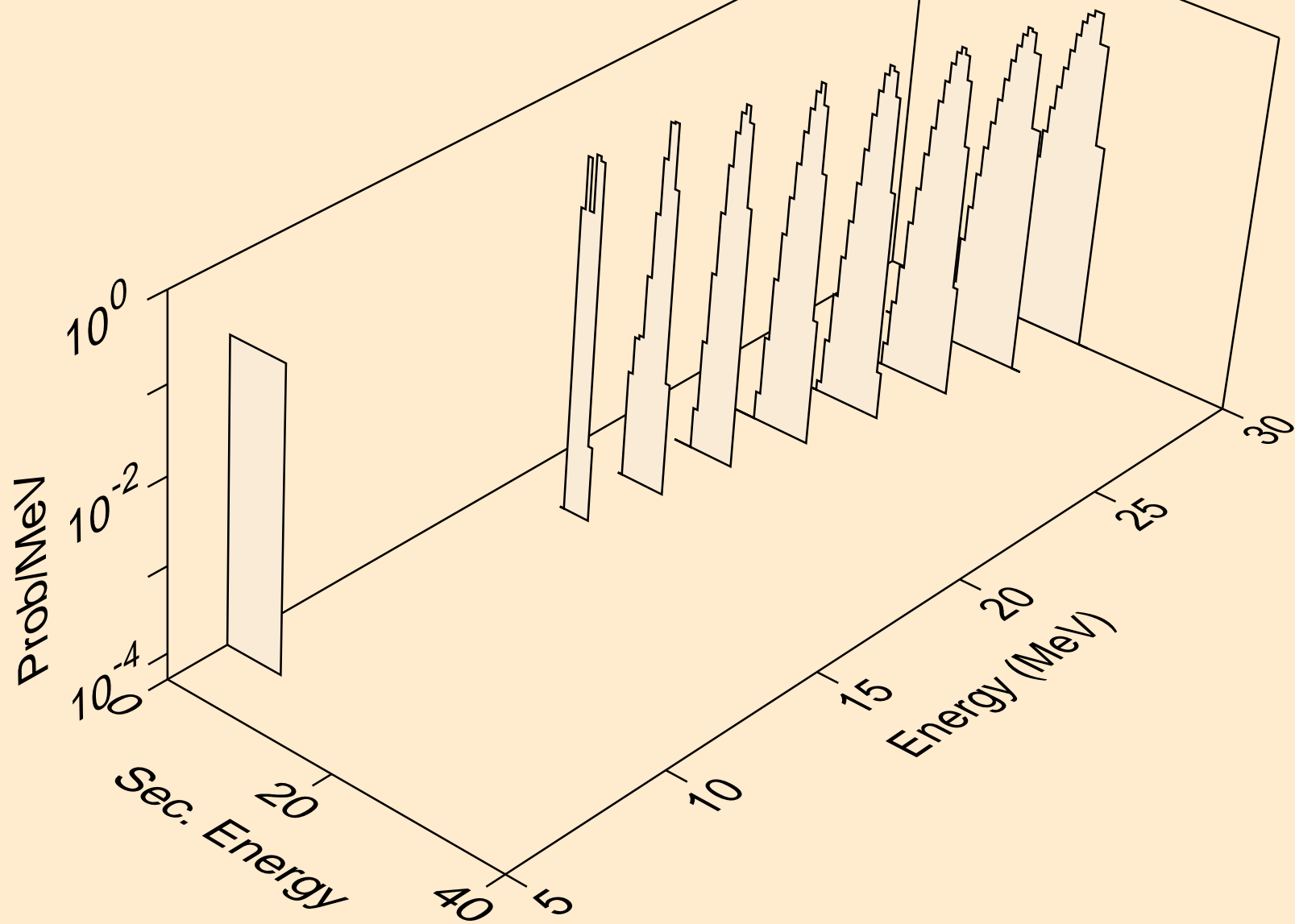


FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a





FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



FR230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)

