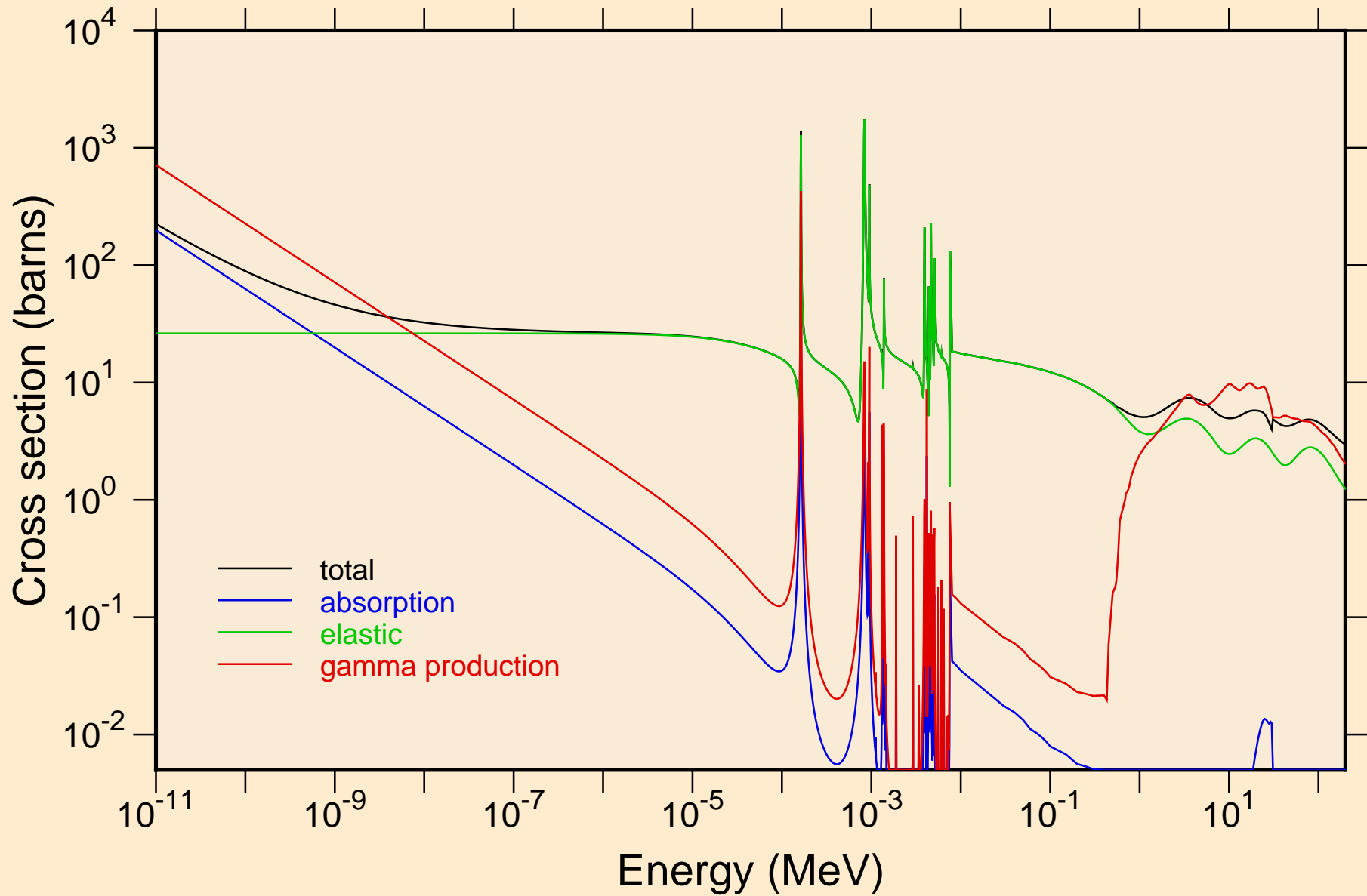
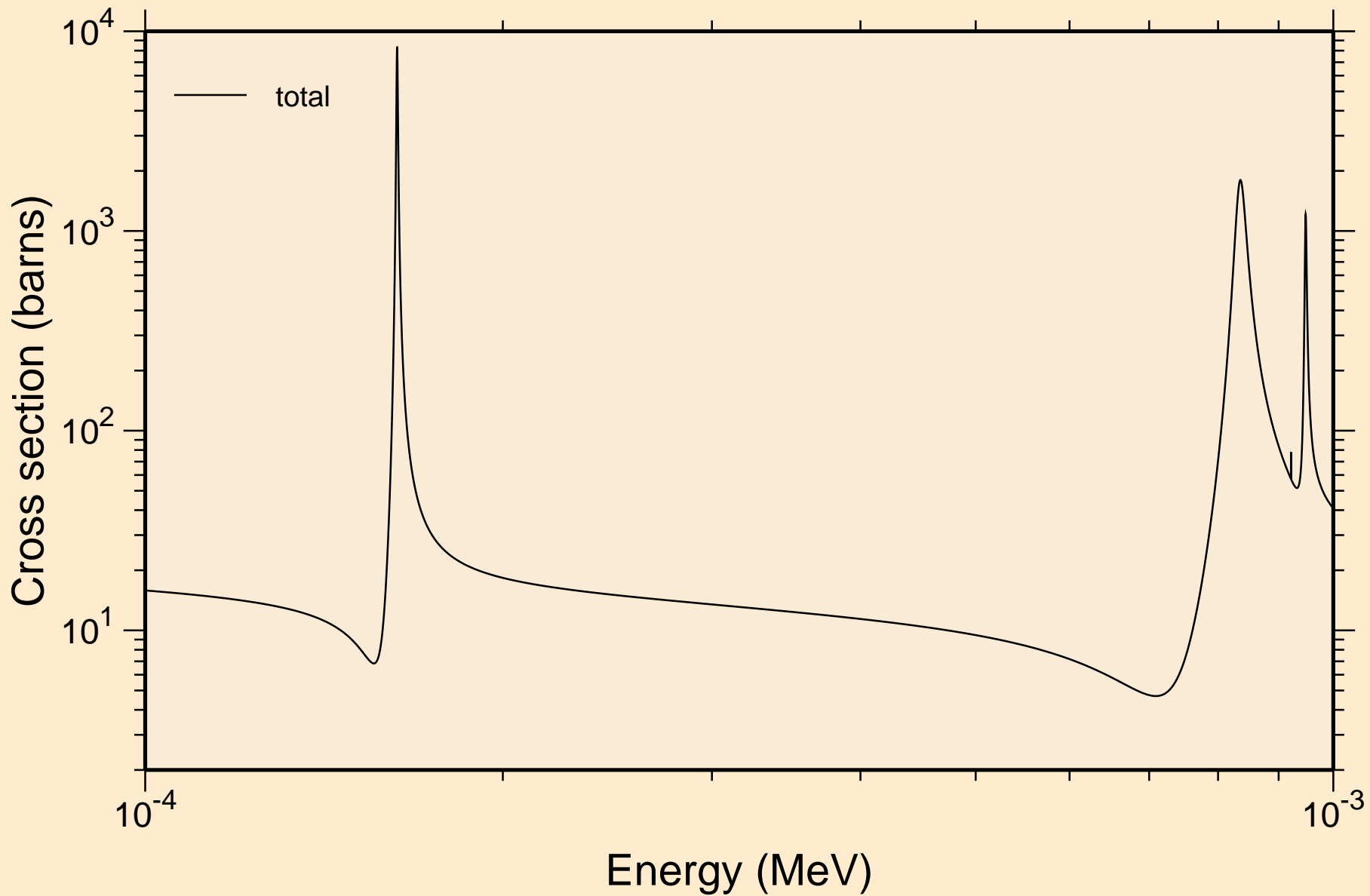


# IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

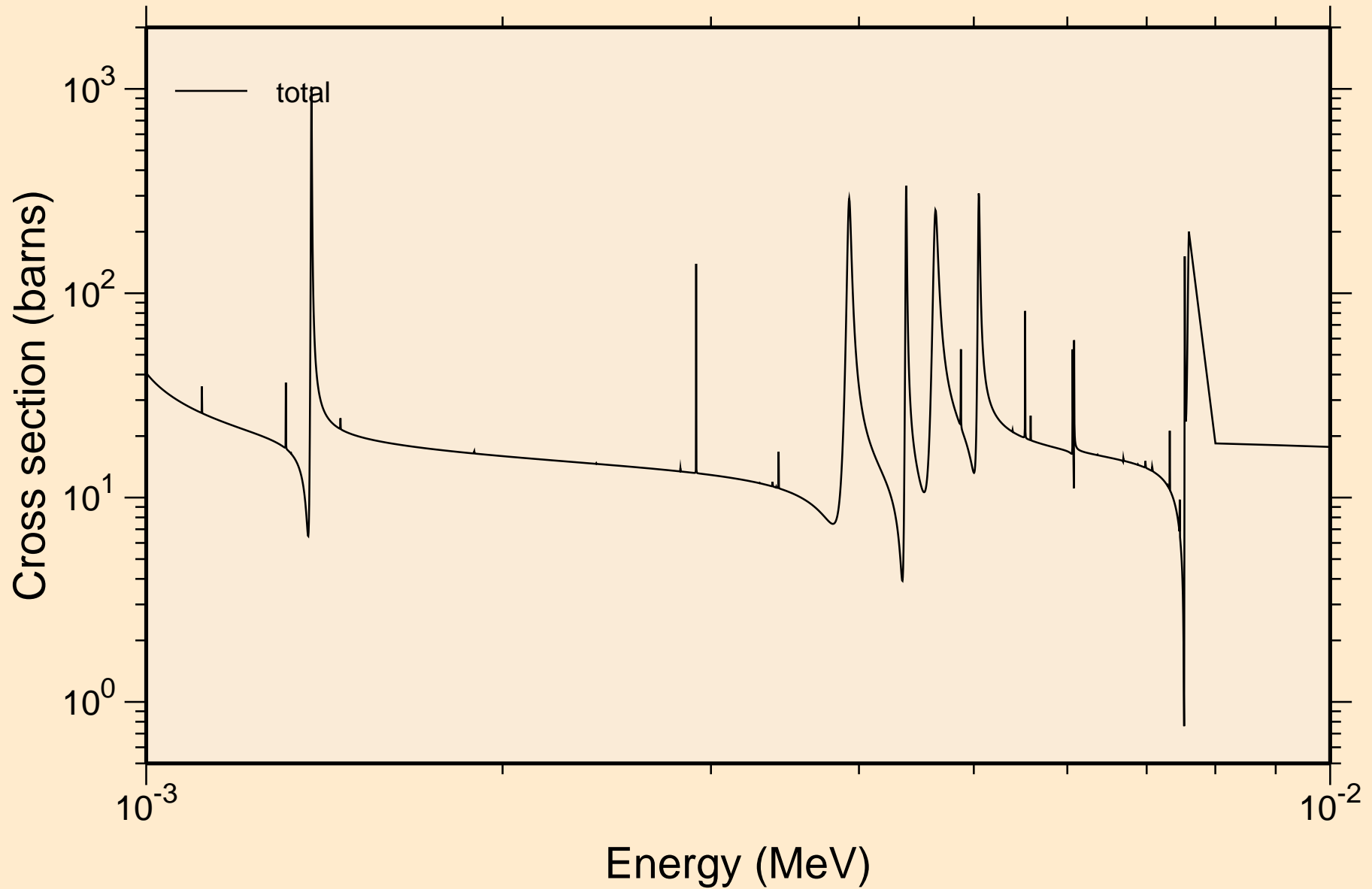
## Principal cross sections



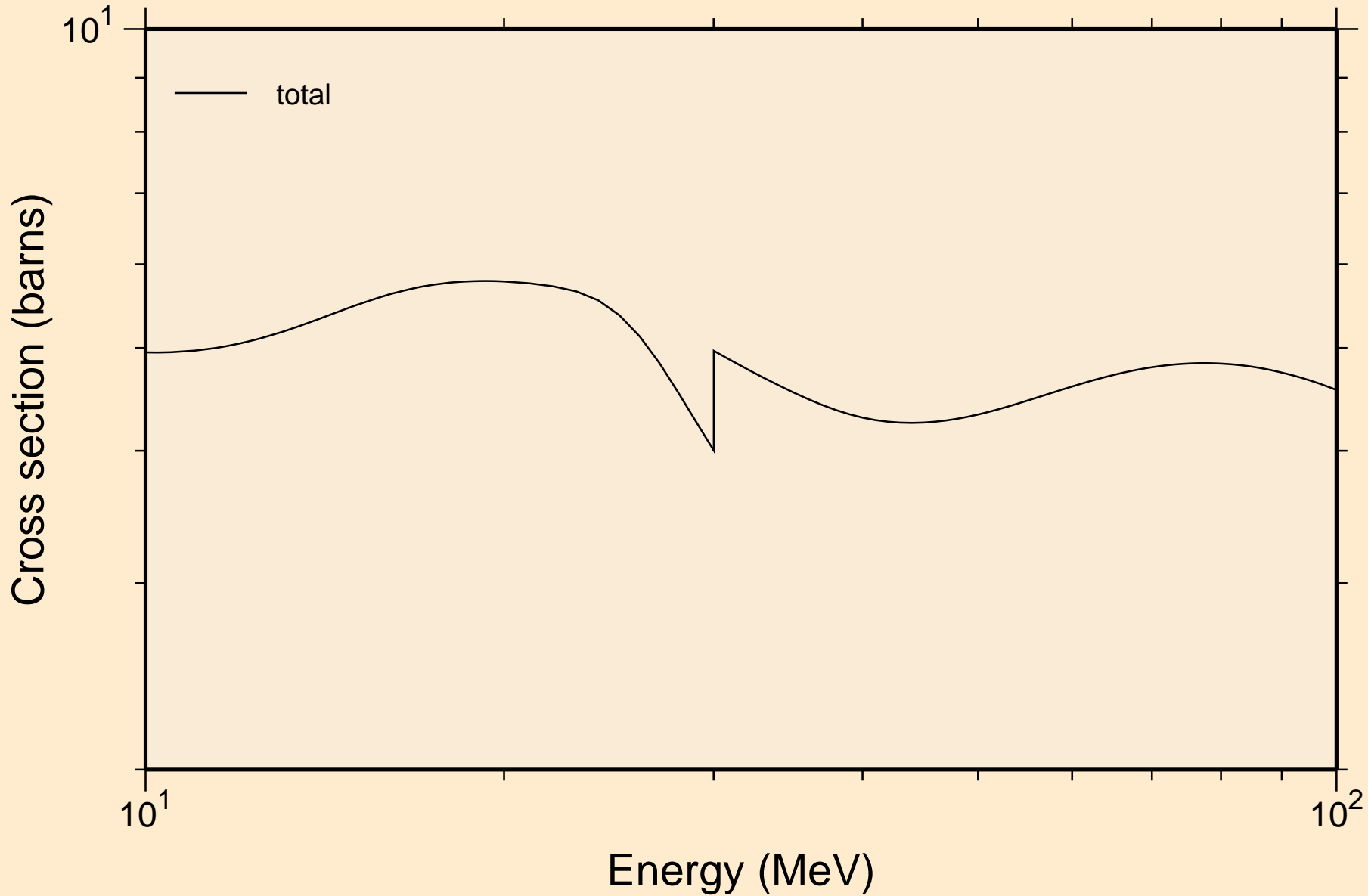
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



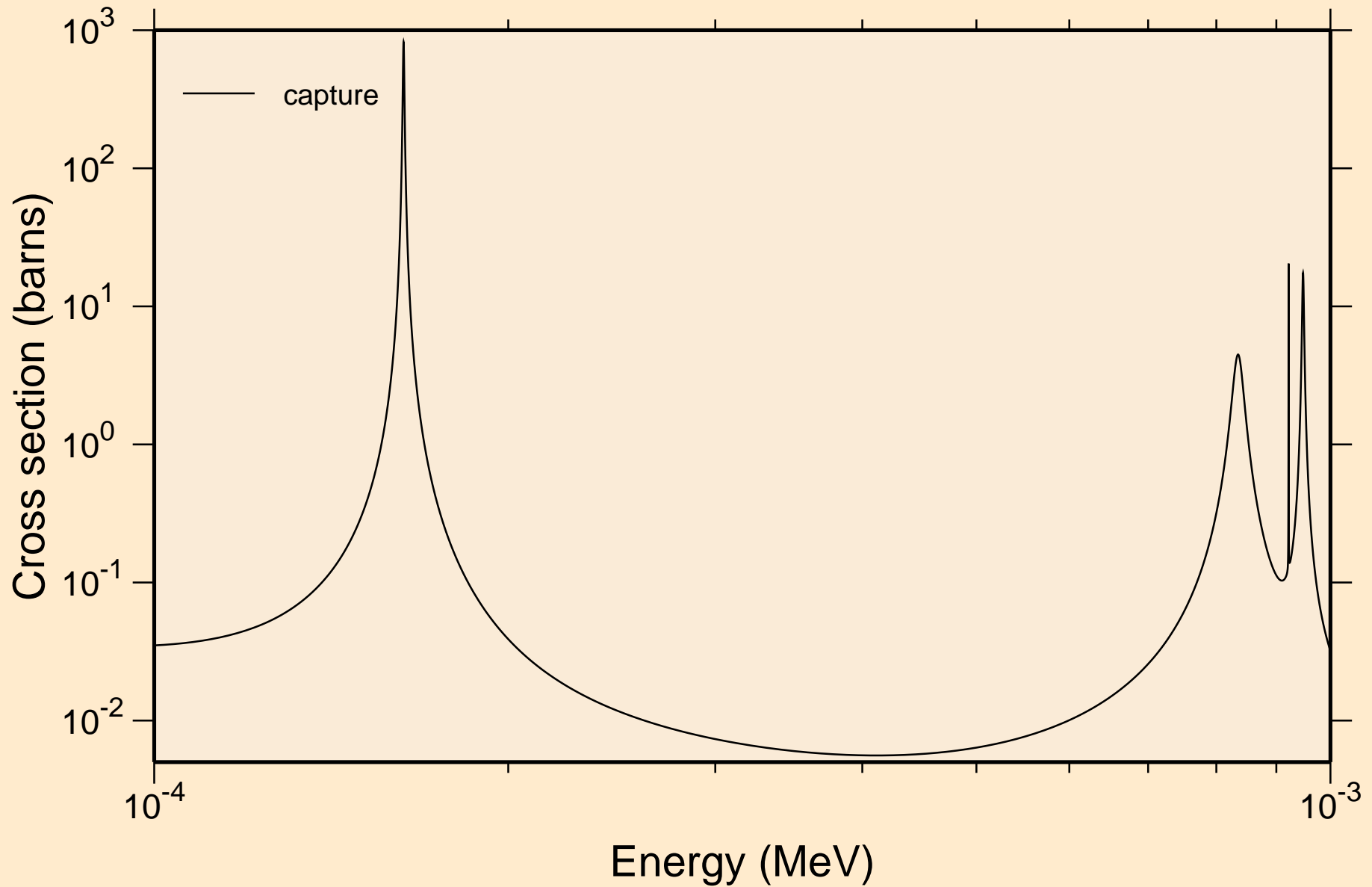
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



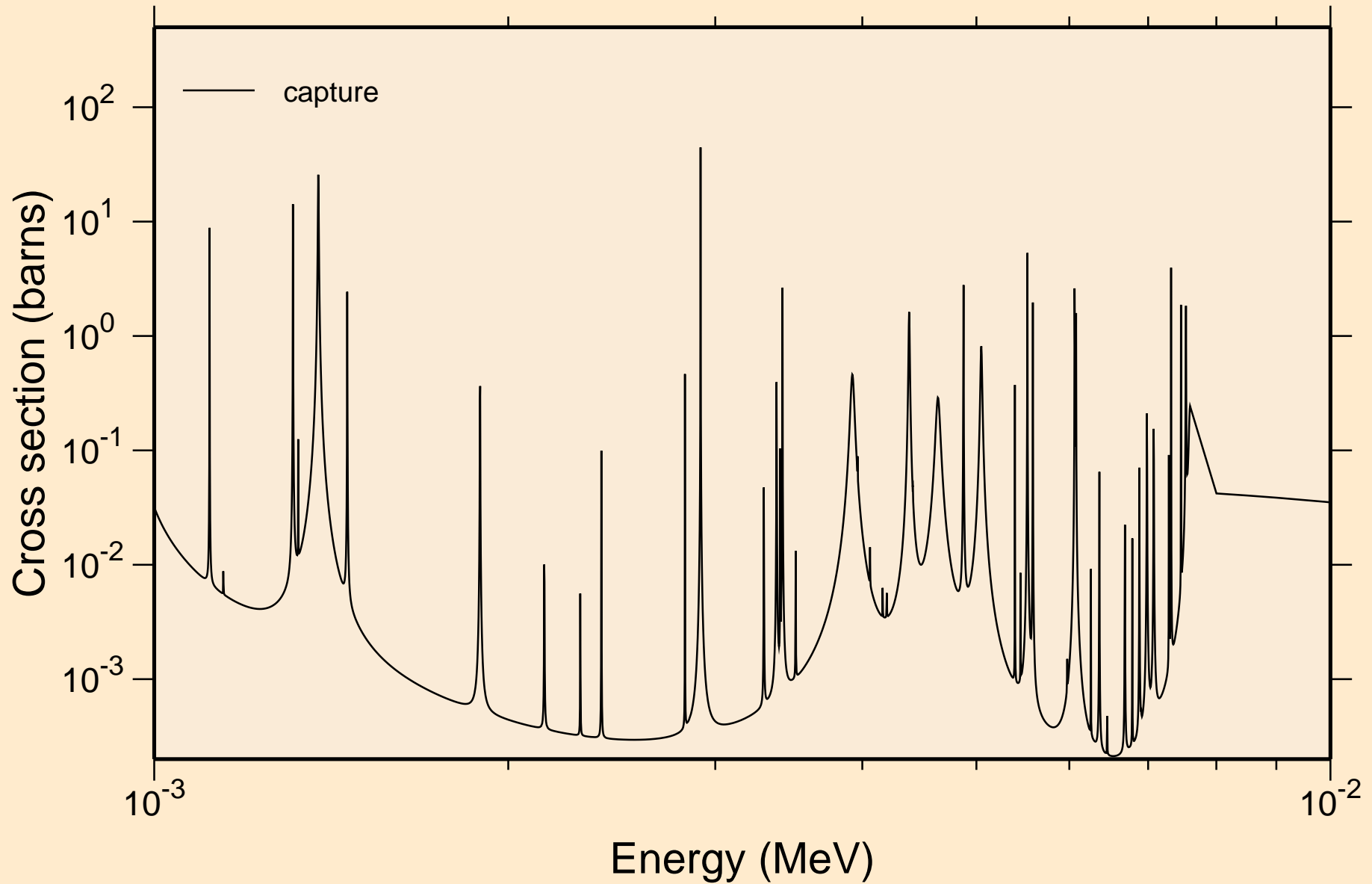
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



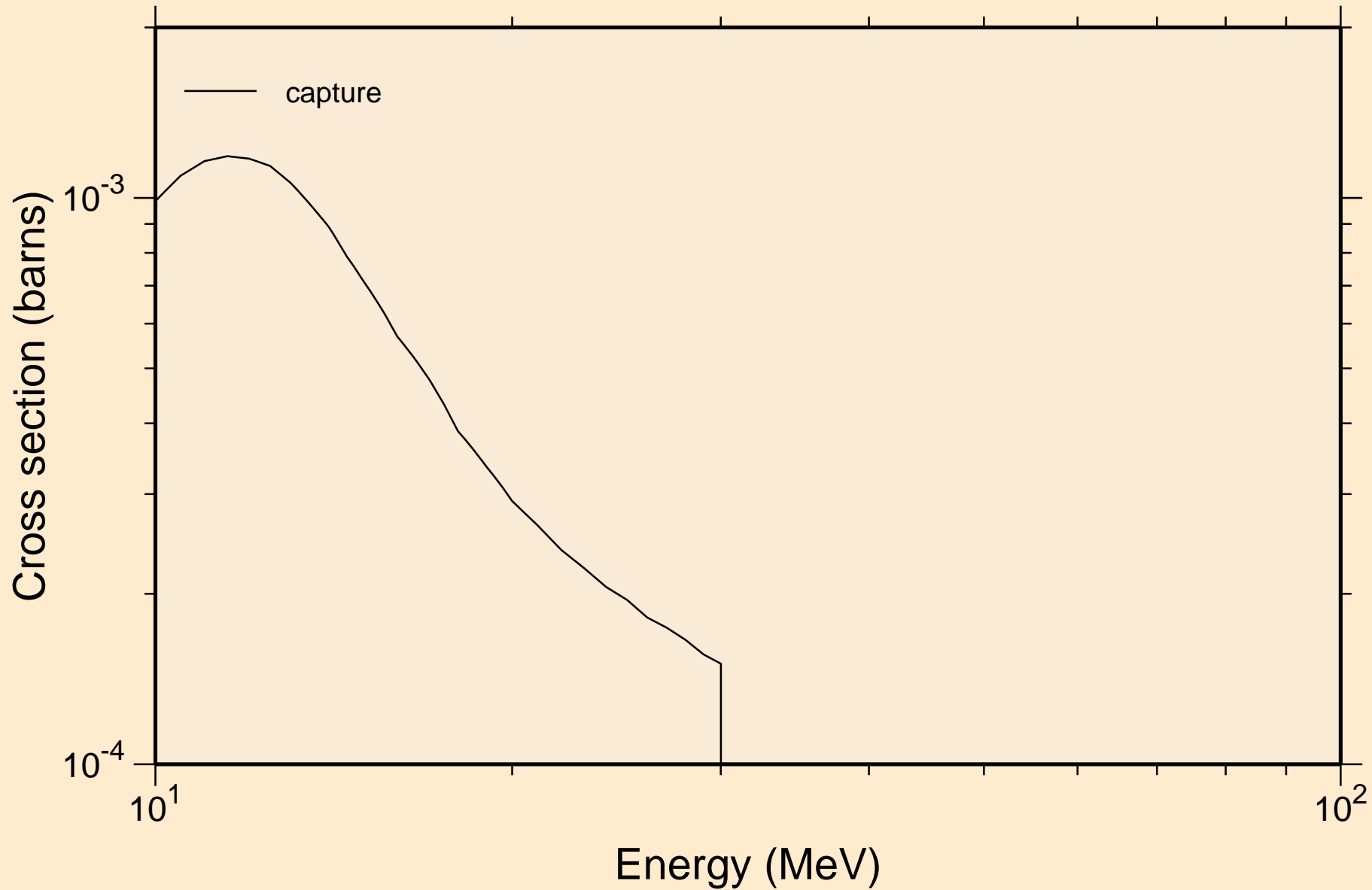
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



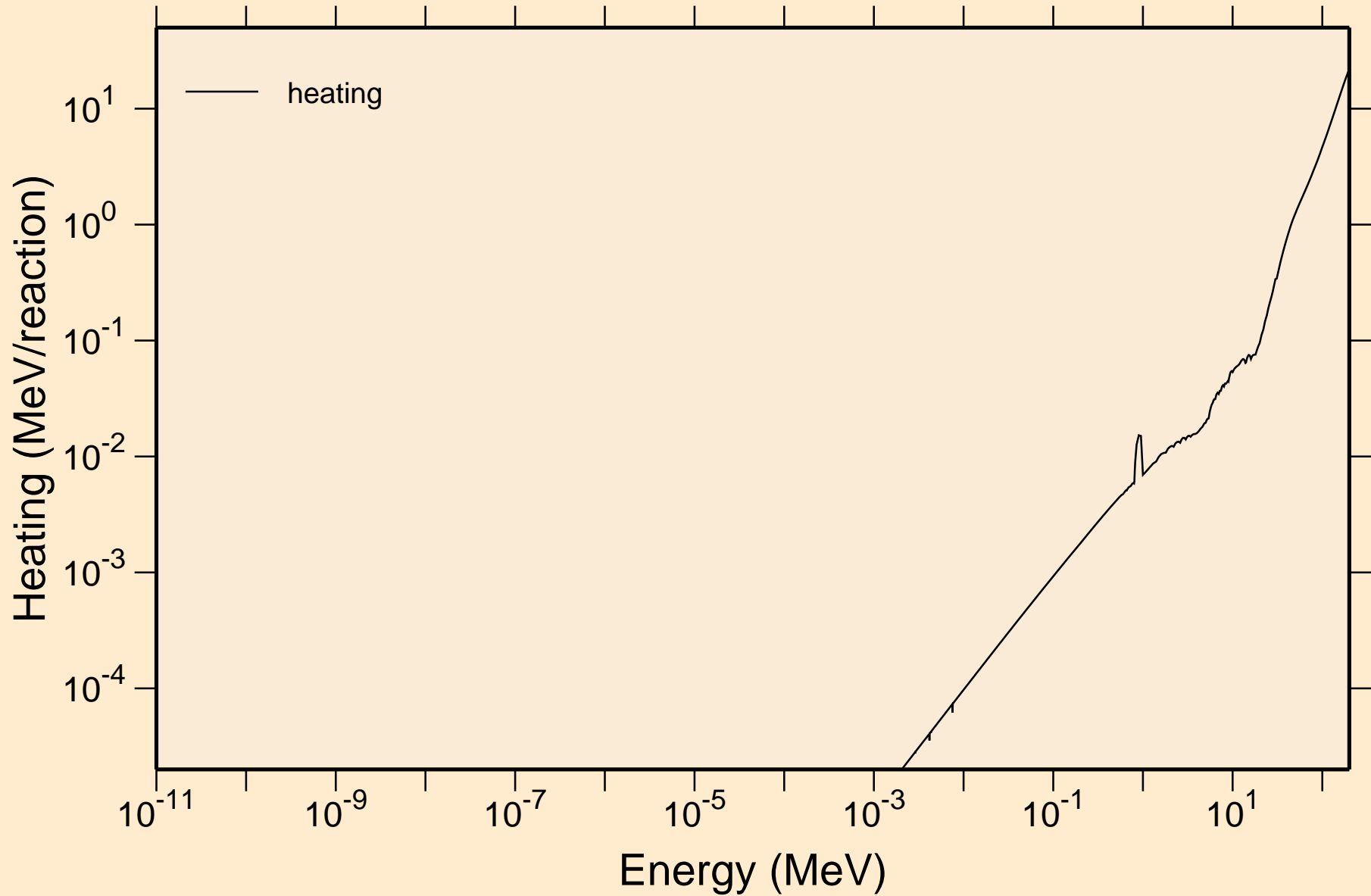
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



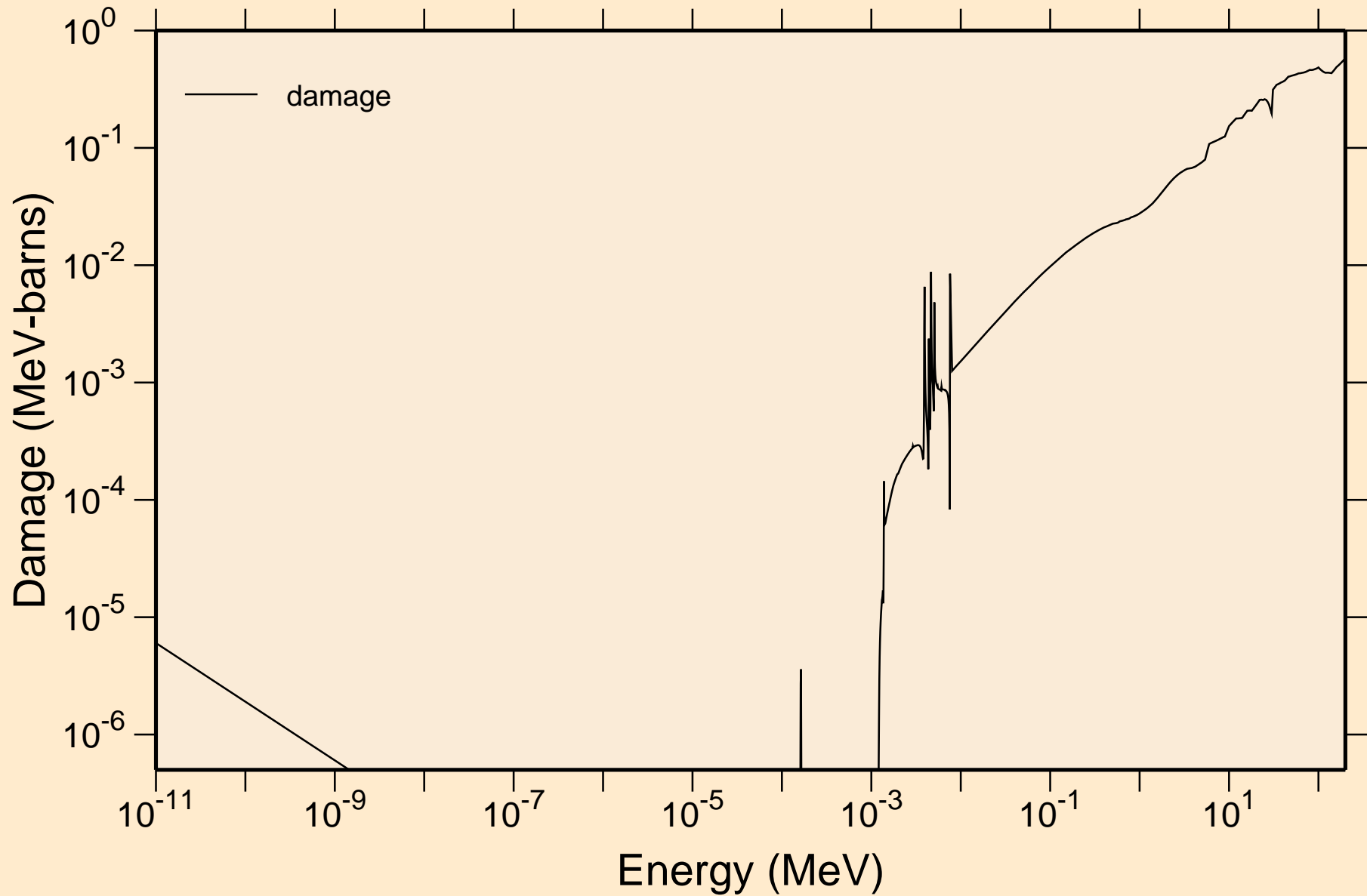
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Heating



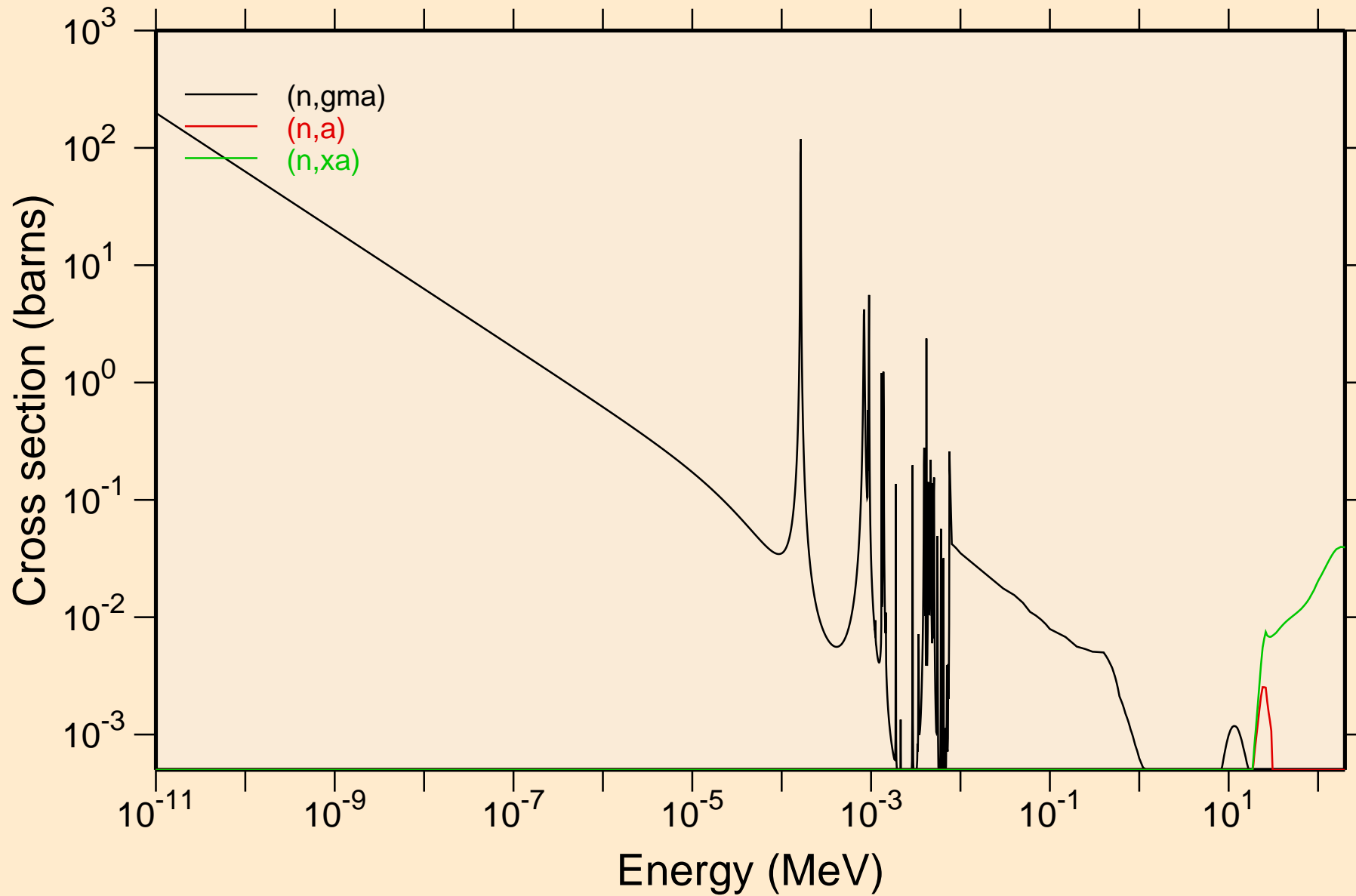


# IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

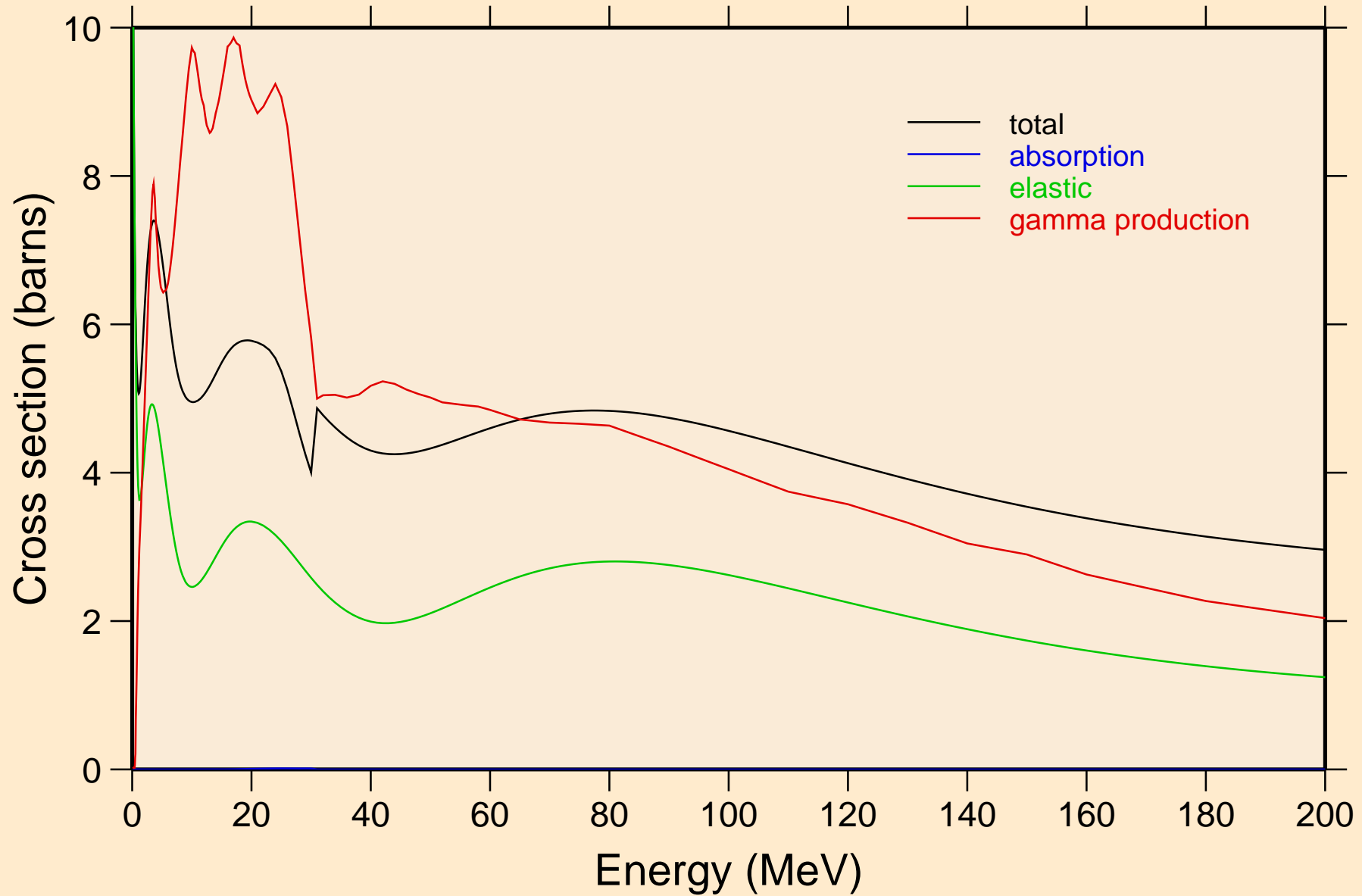
## Damage



IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

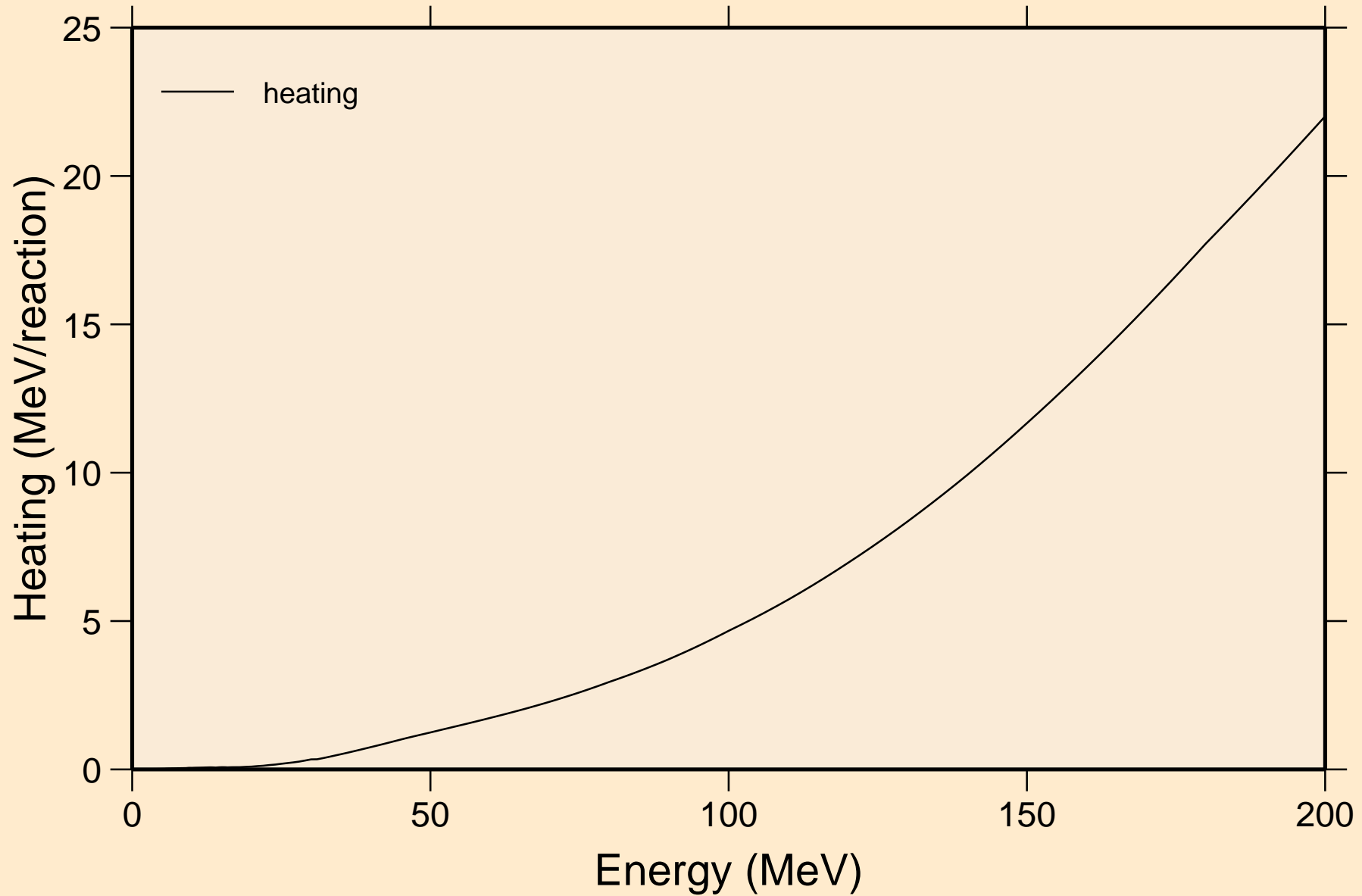


IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Principal cross sections

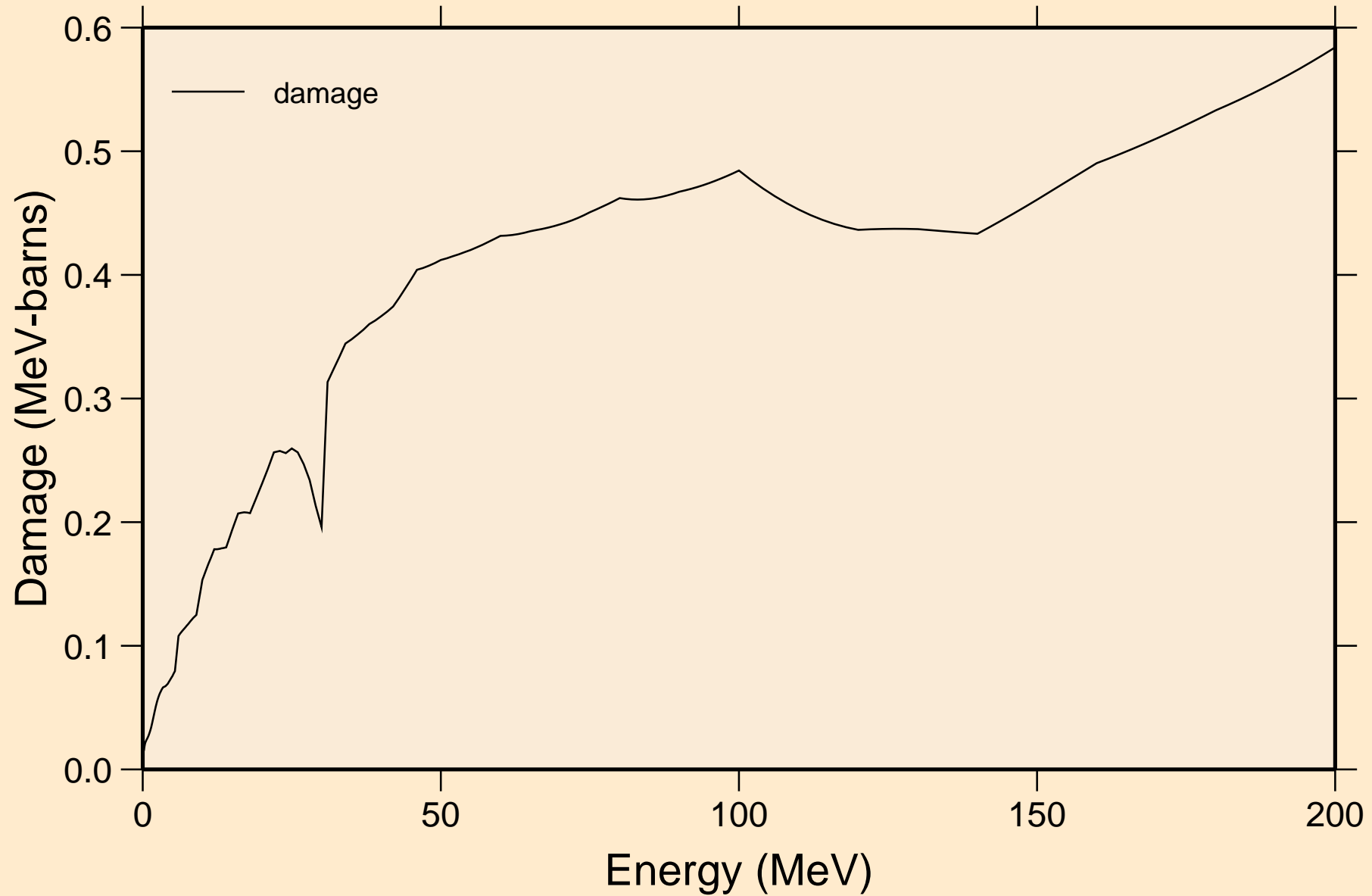


IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

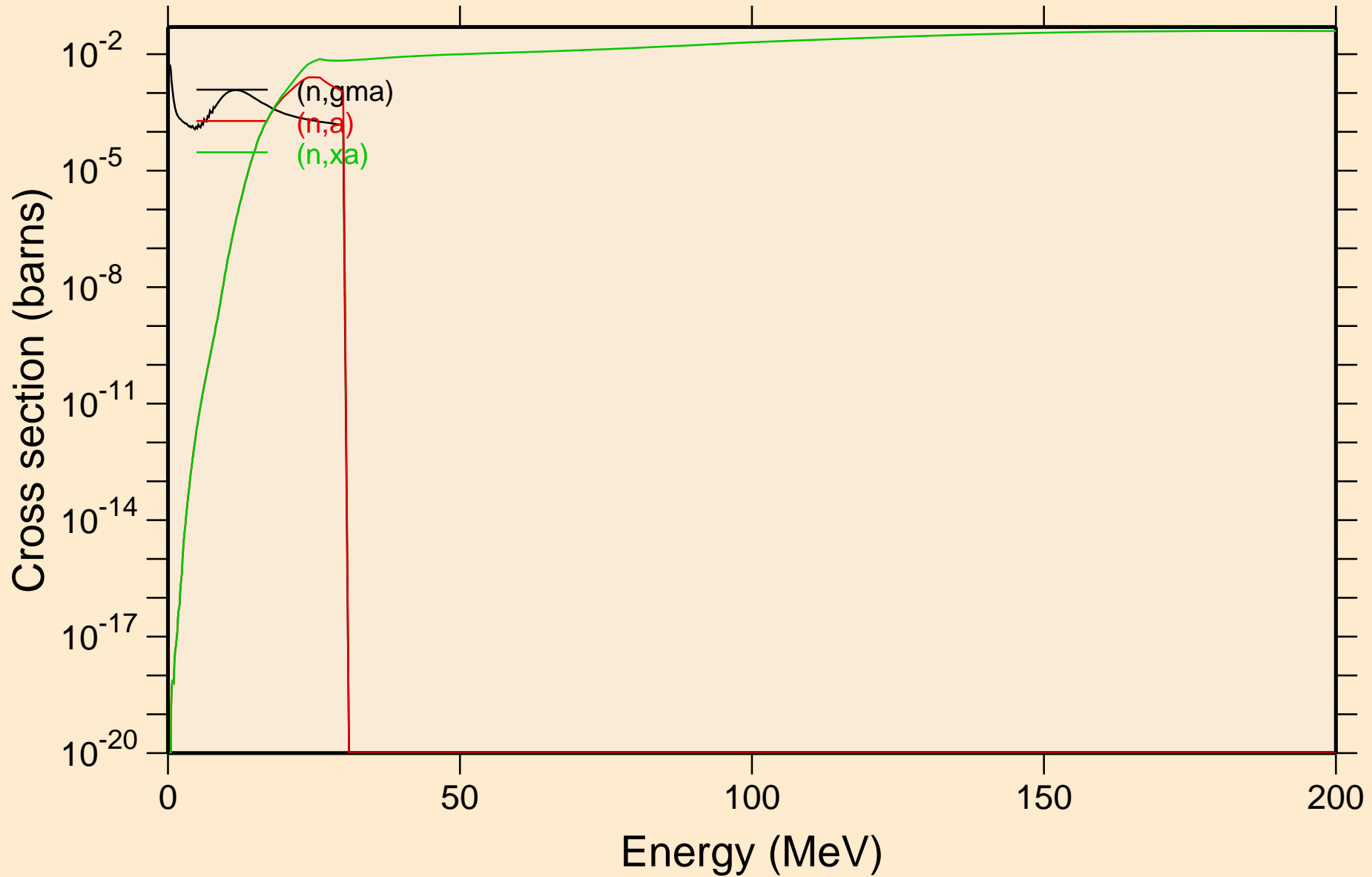
Heating



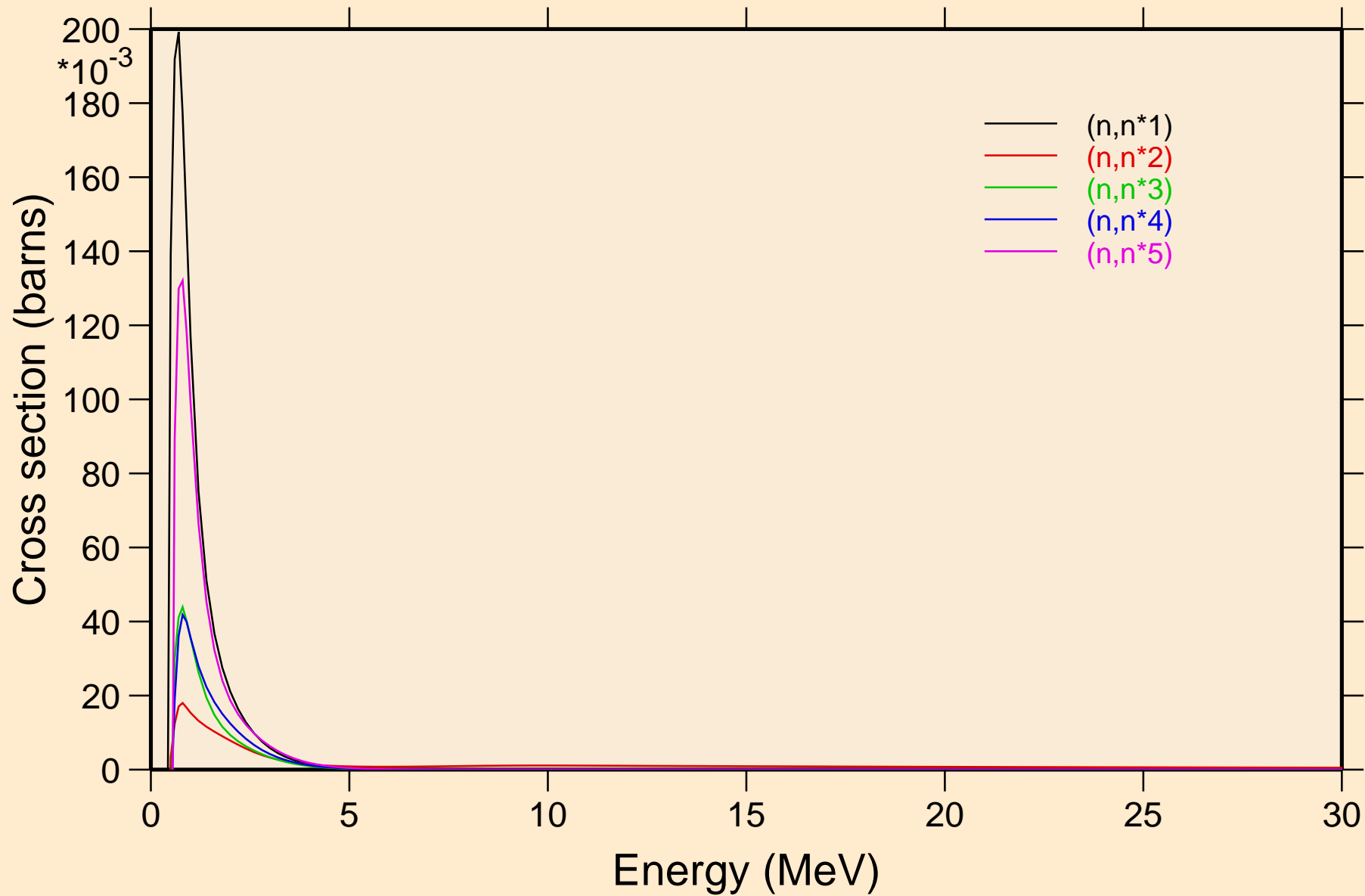
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



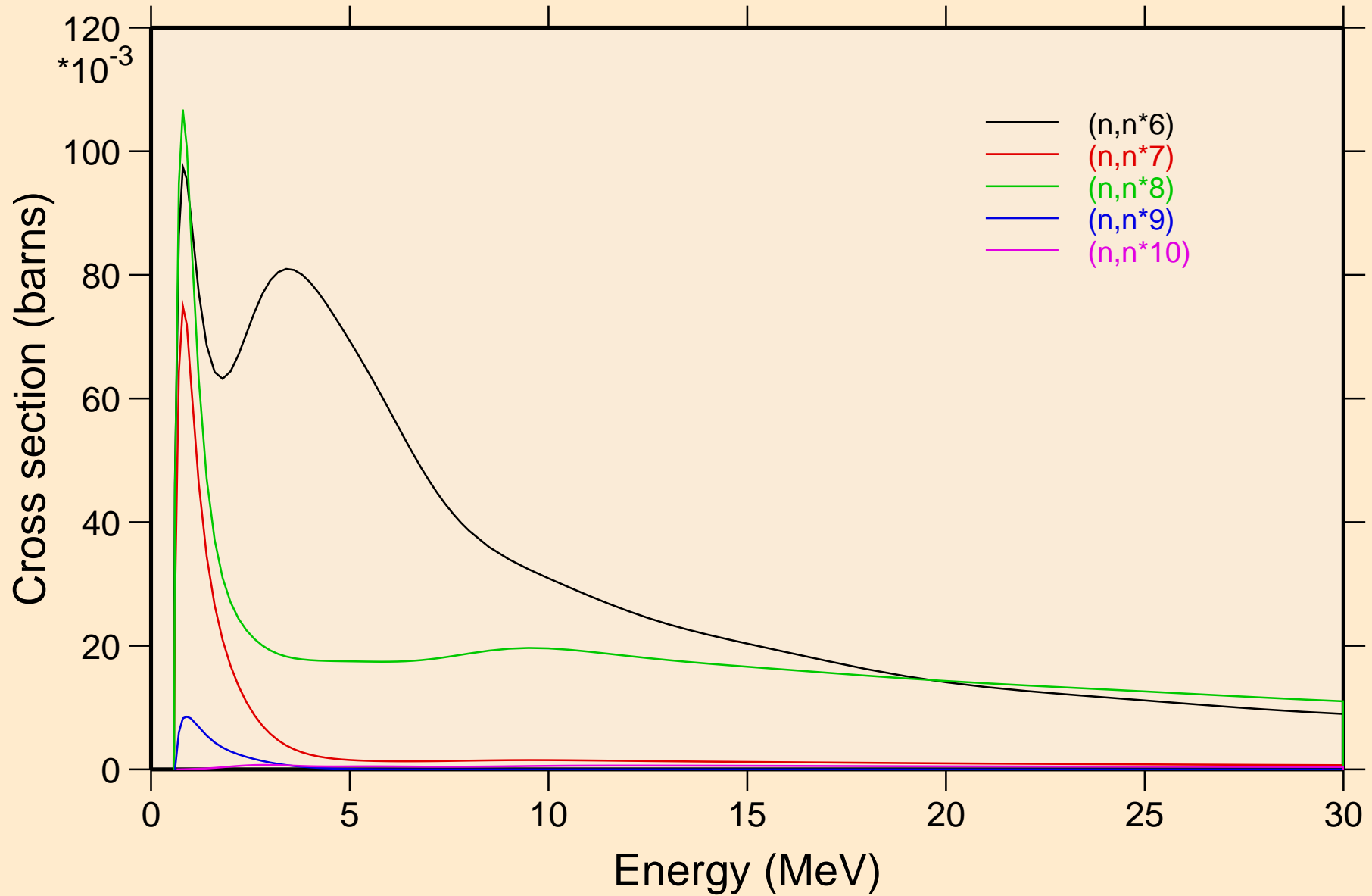
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

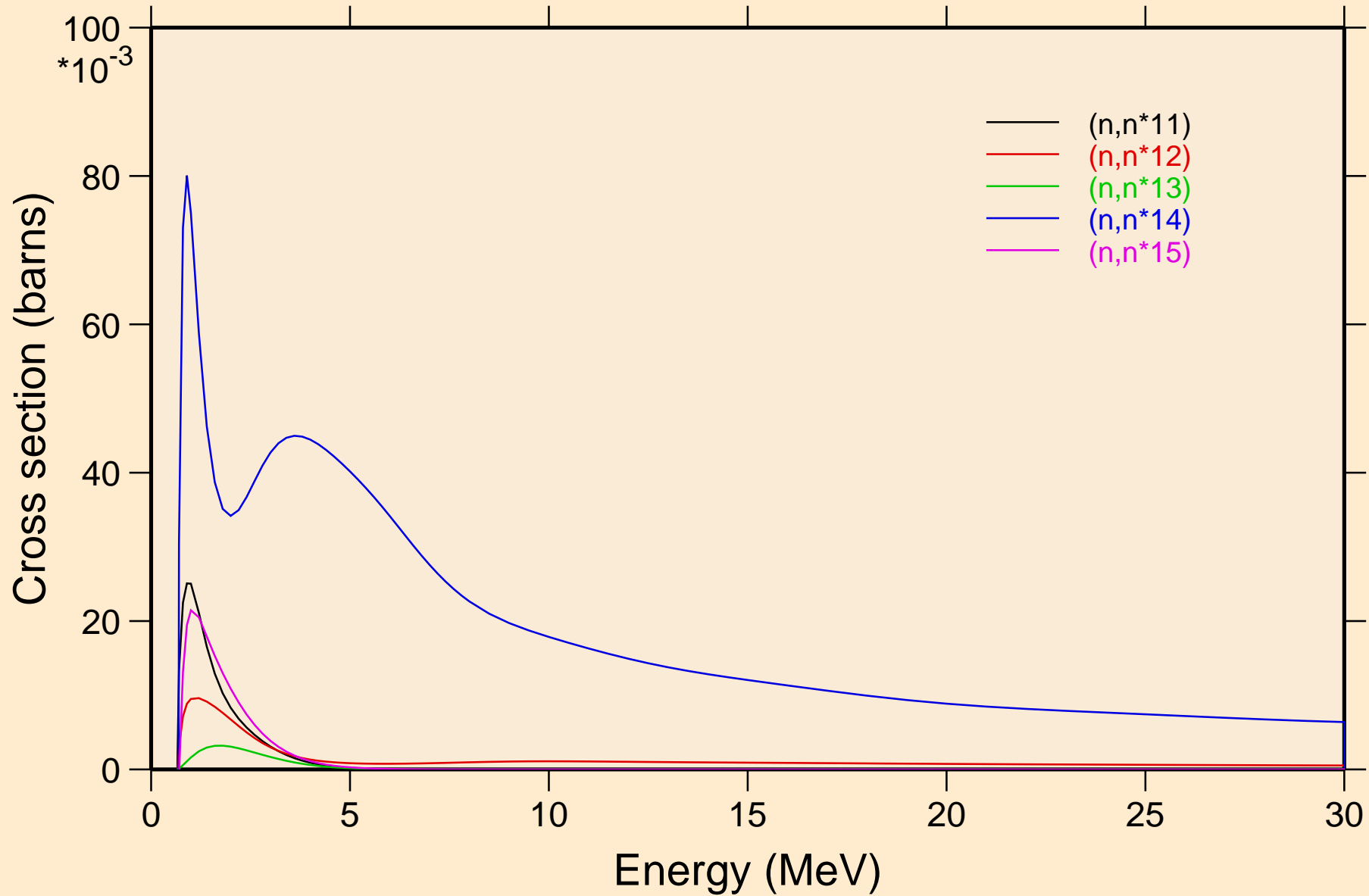


IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

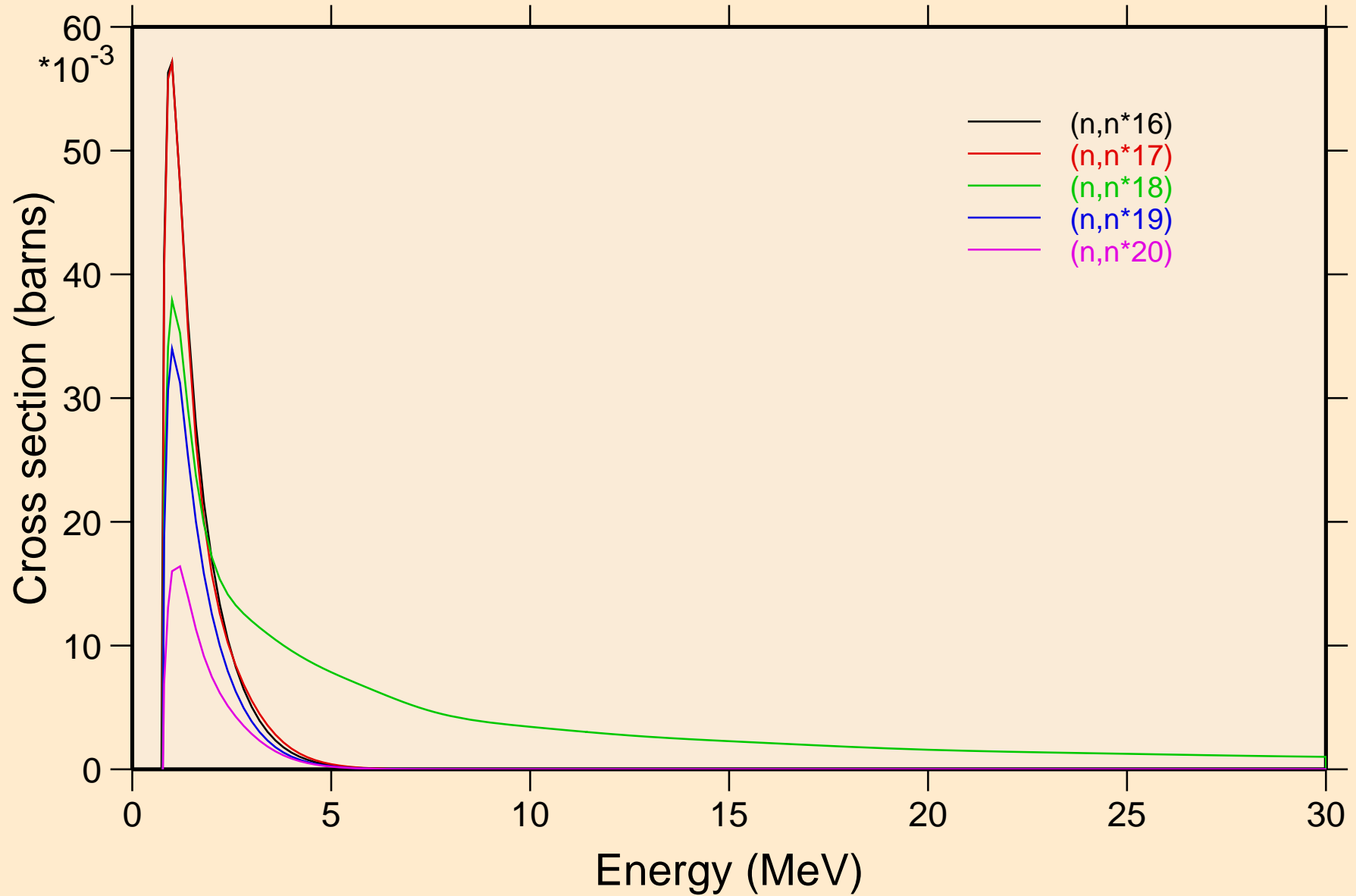




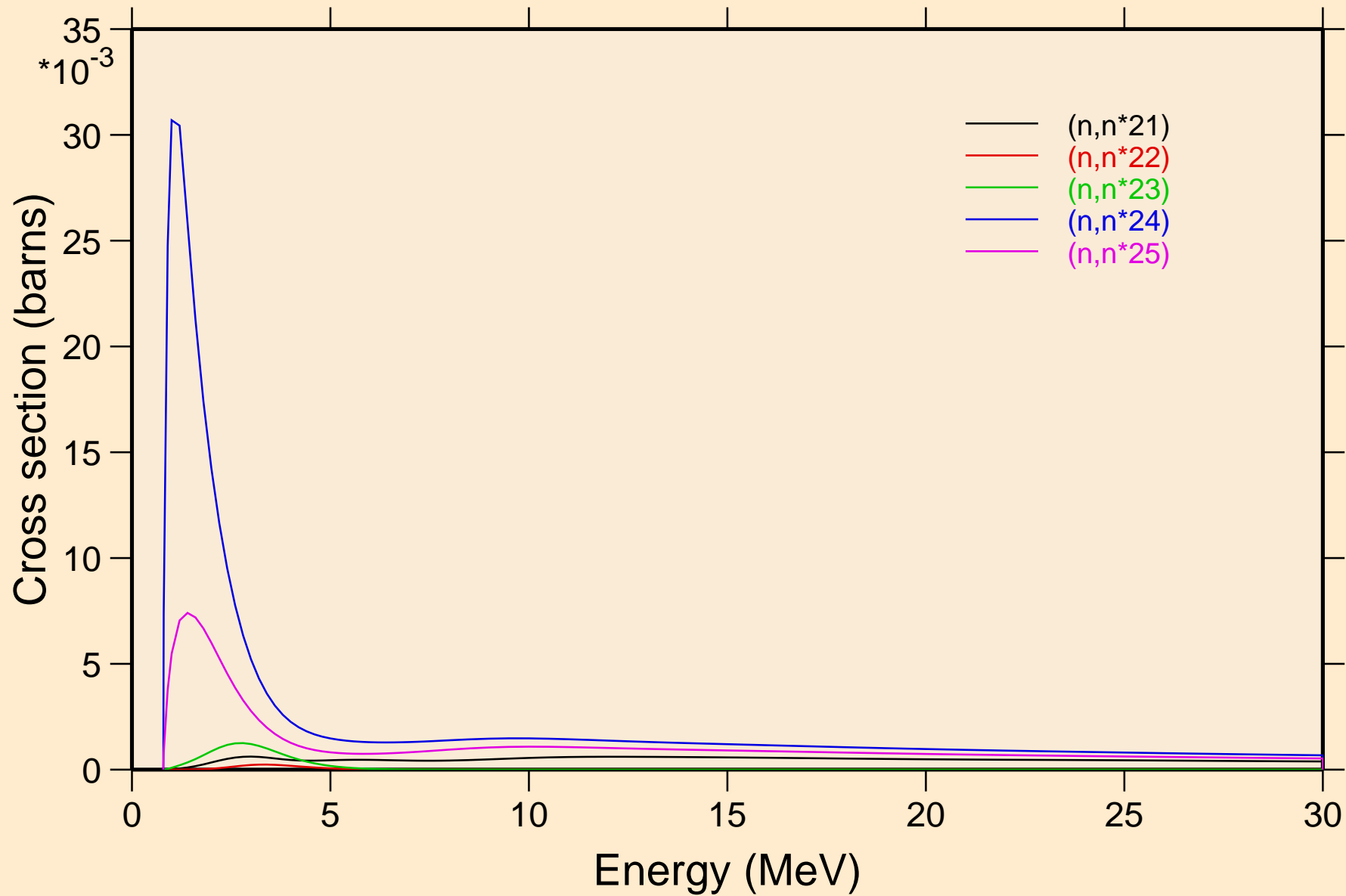
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



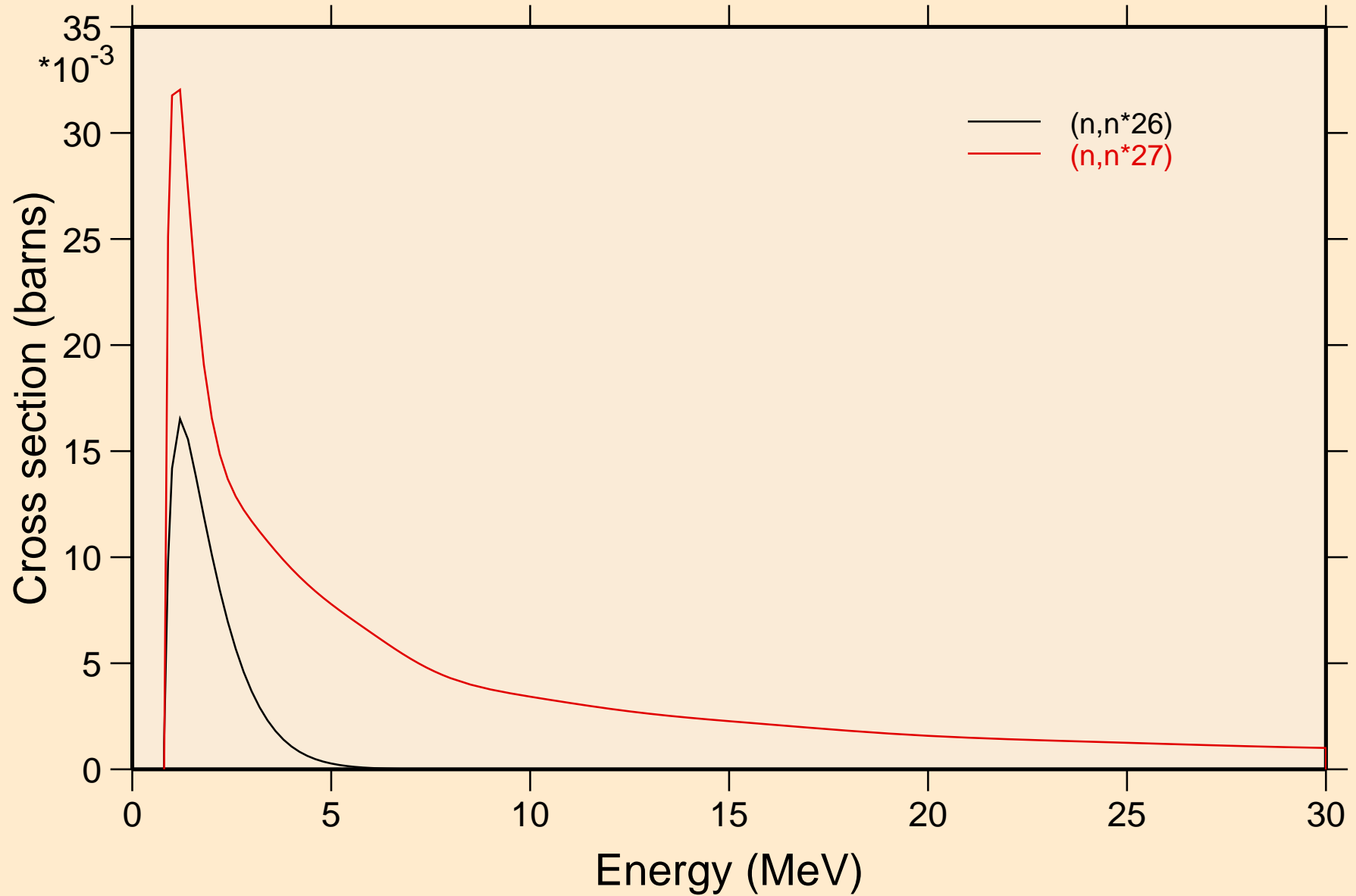
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

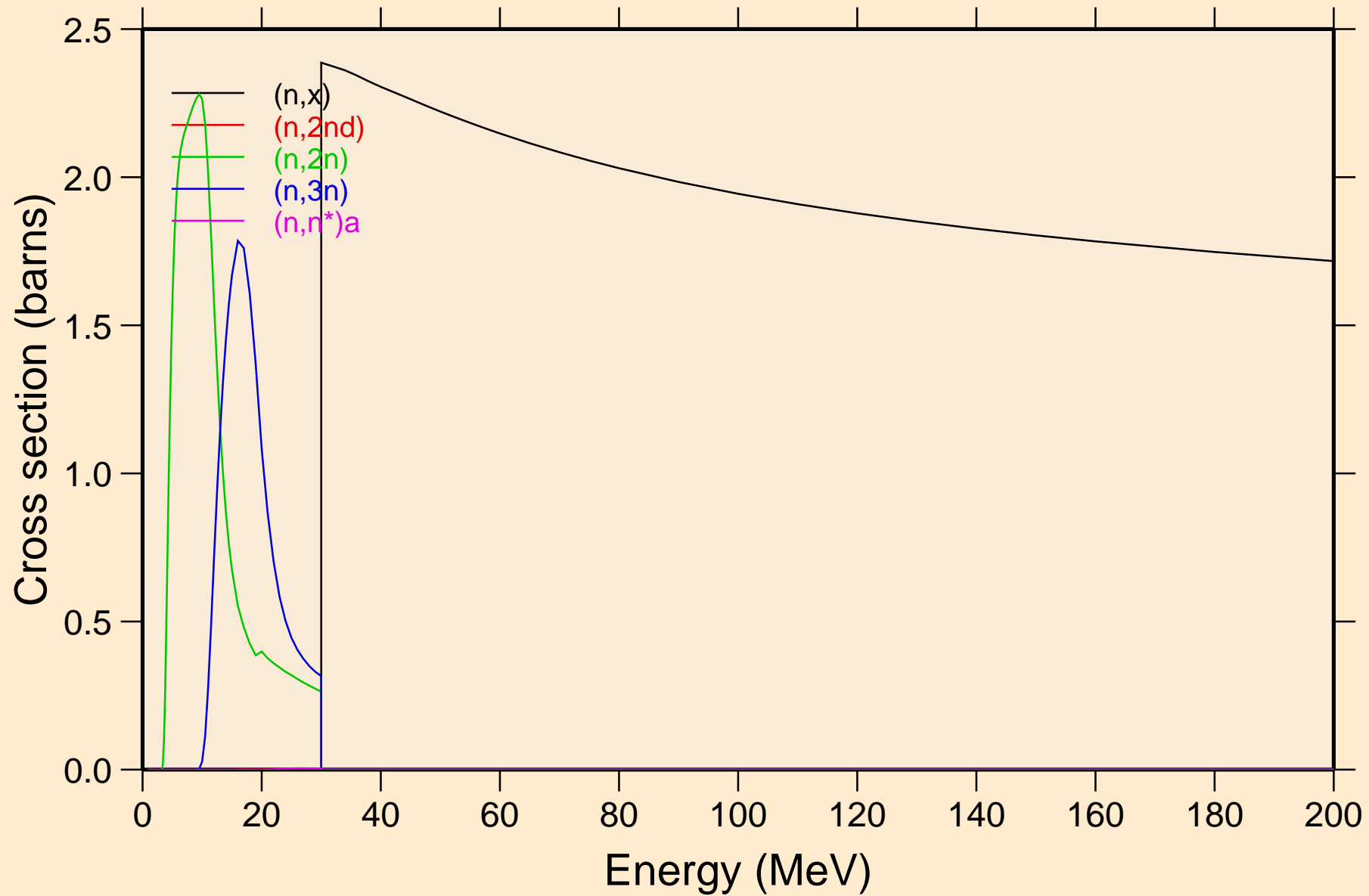


IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

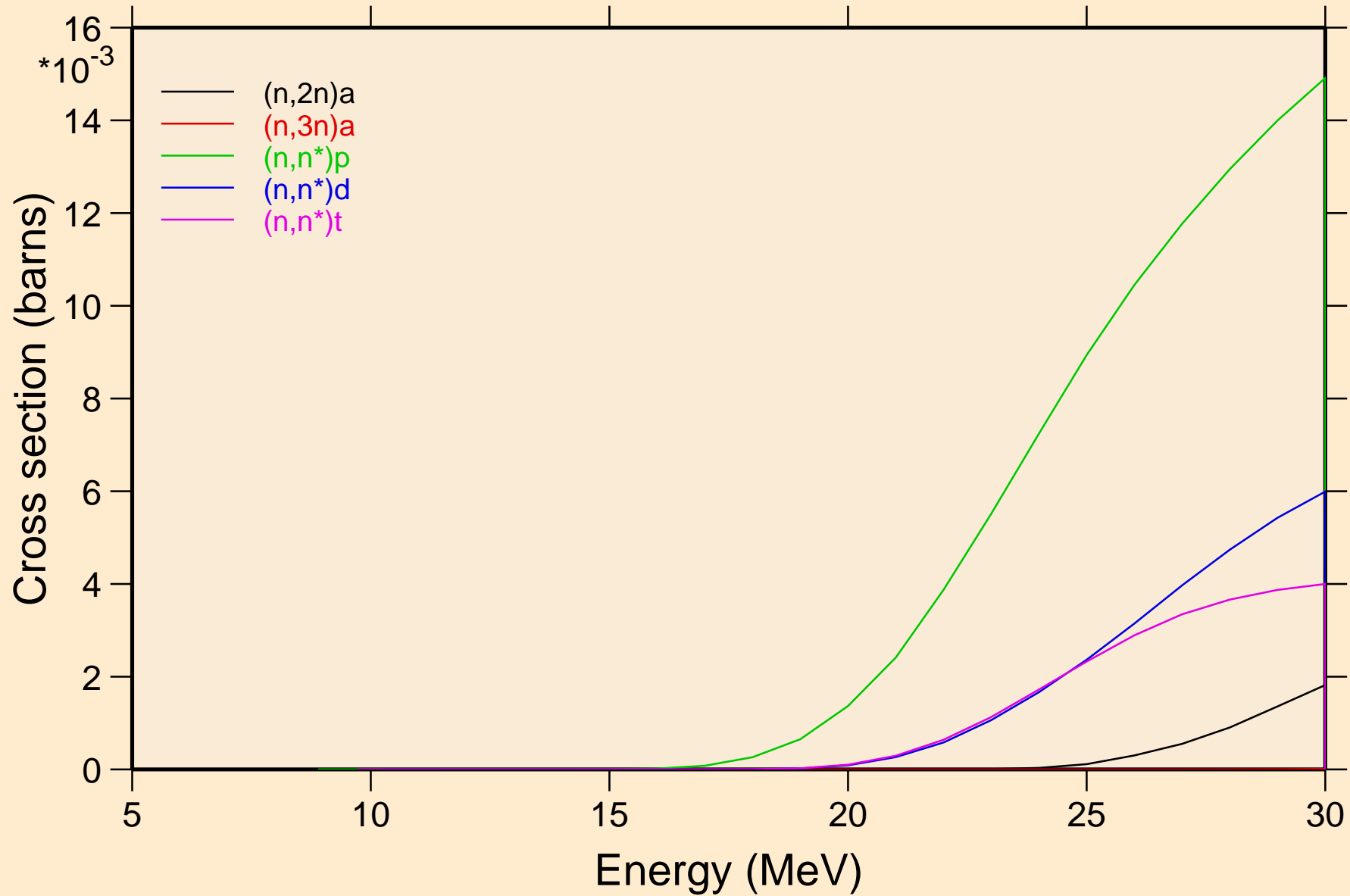


# IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

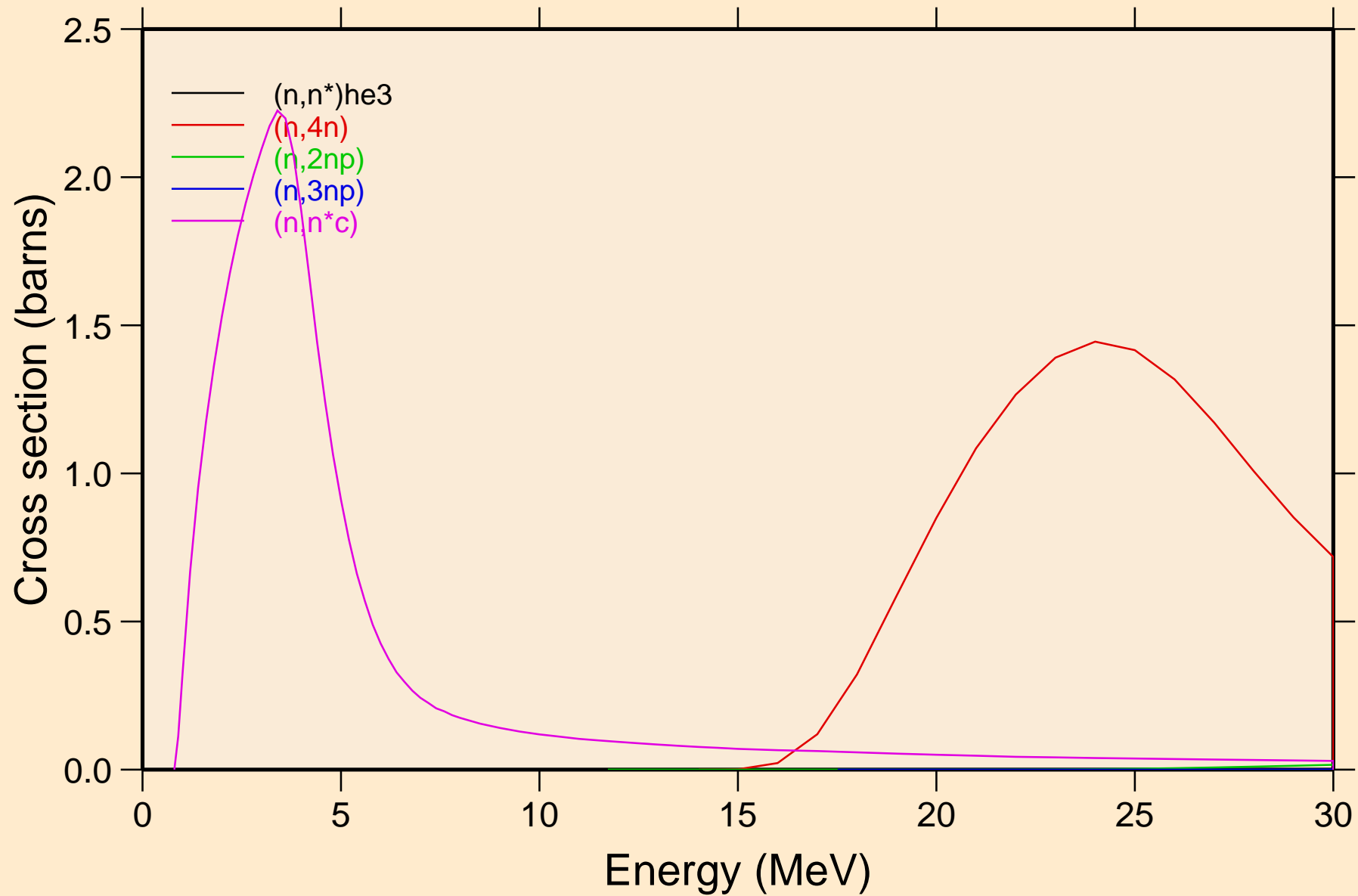
## Threshold reactions



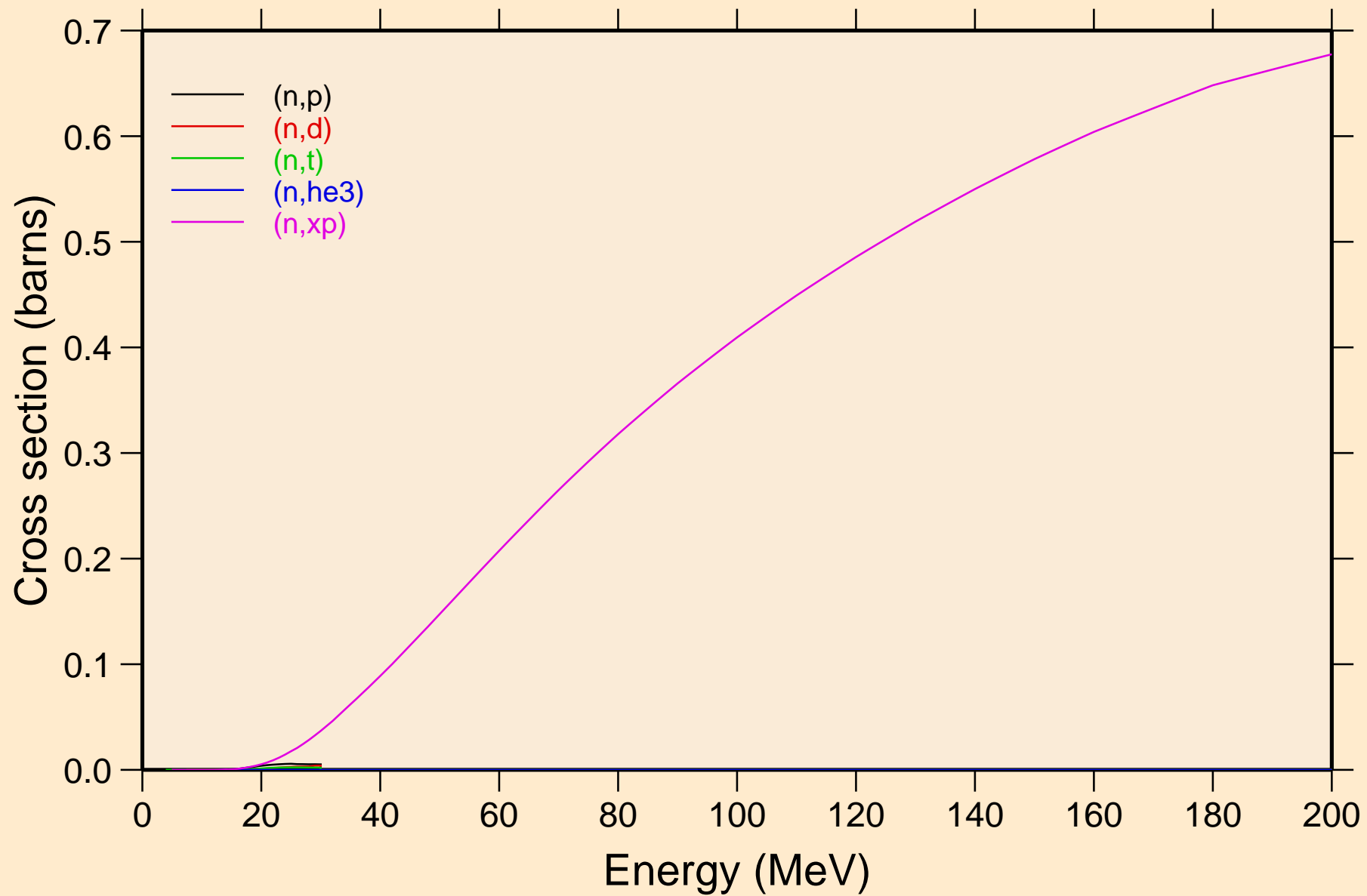
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



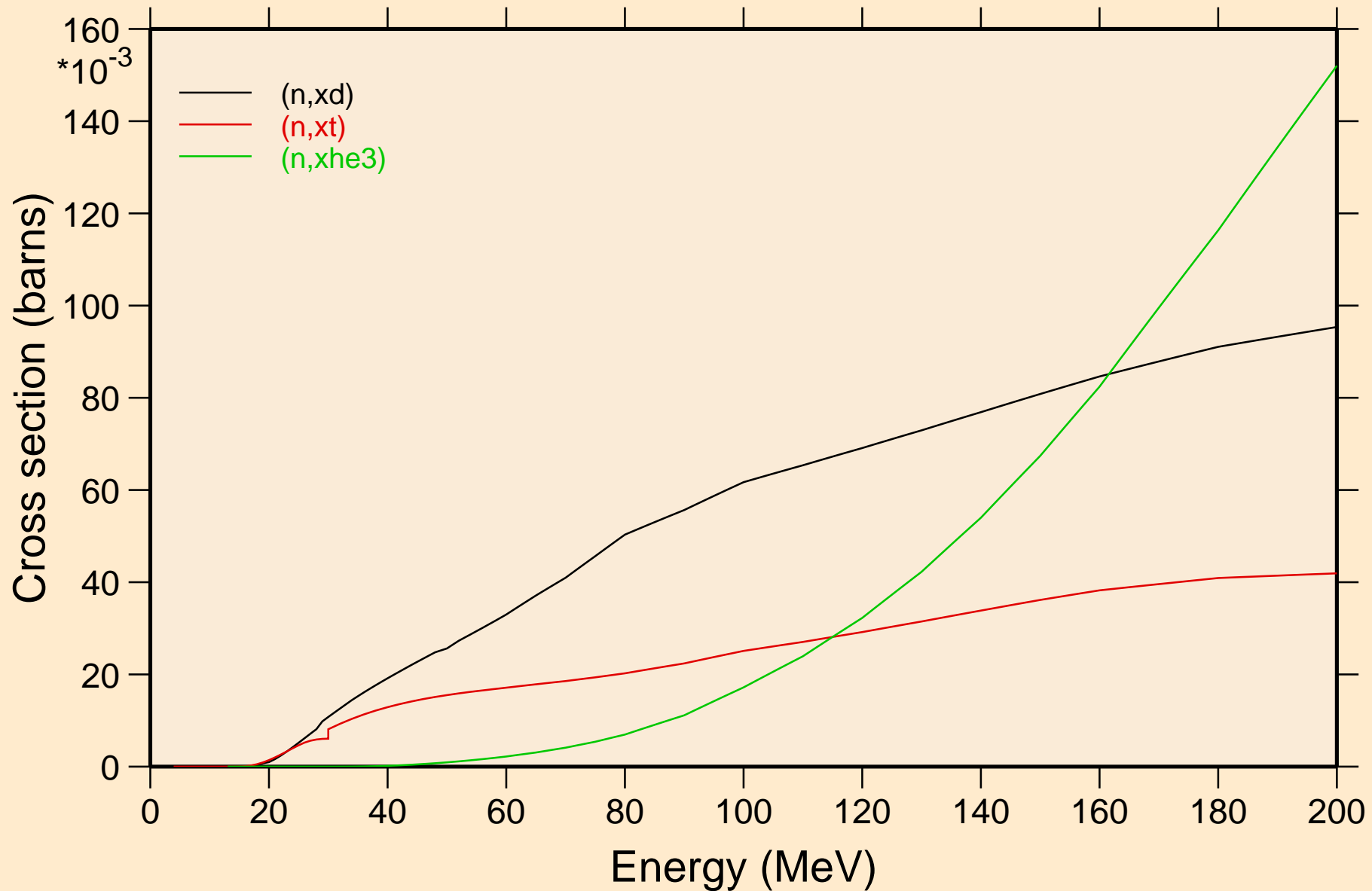
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



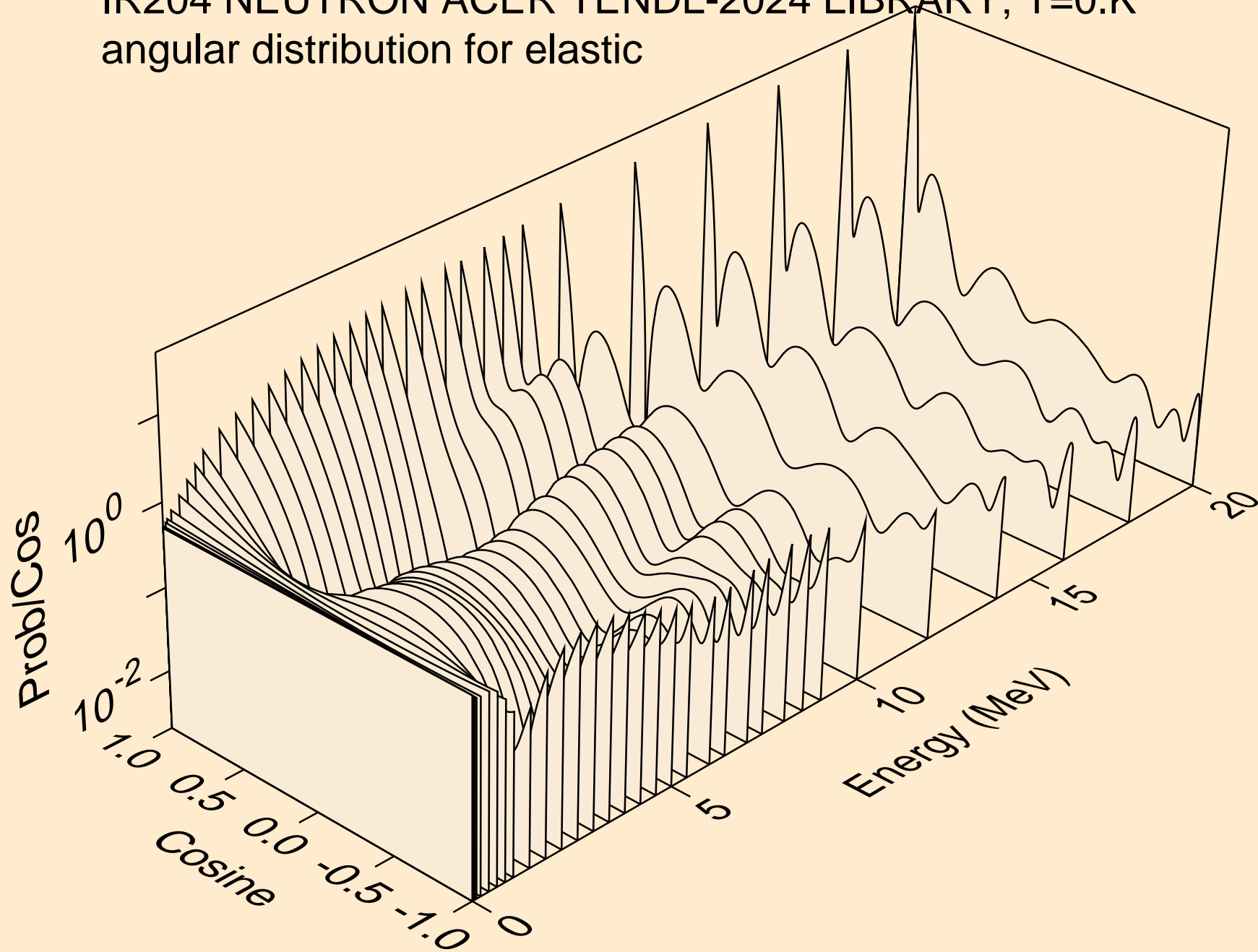


# IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

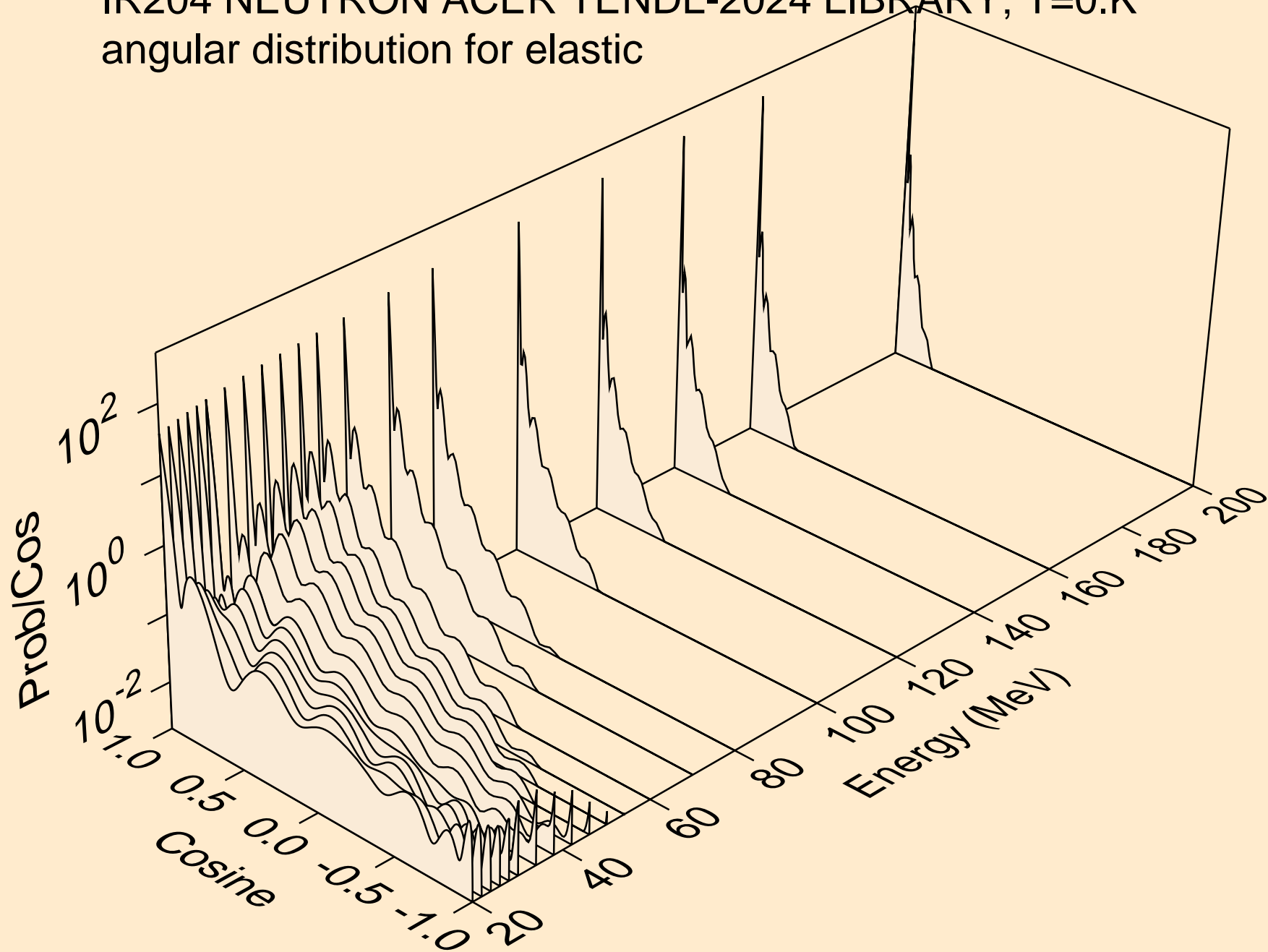
## Threshold reactions



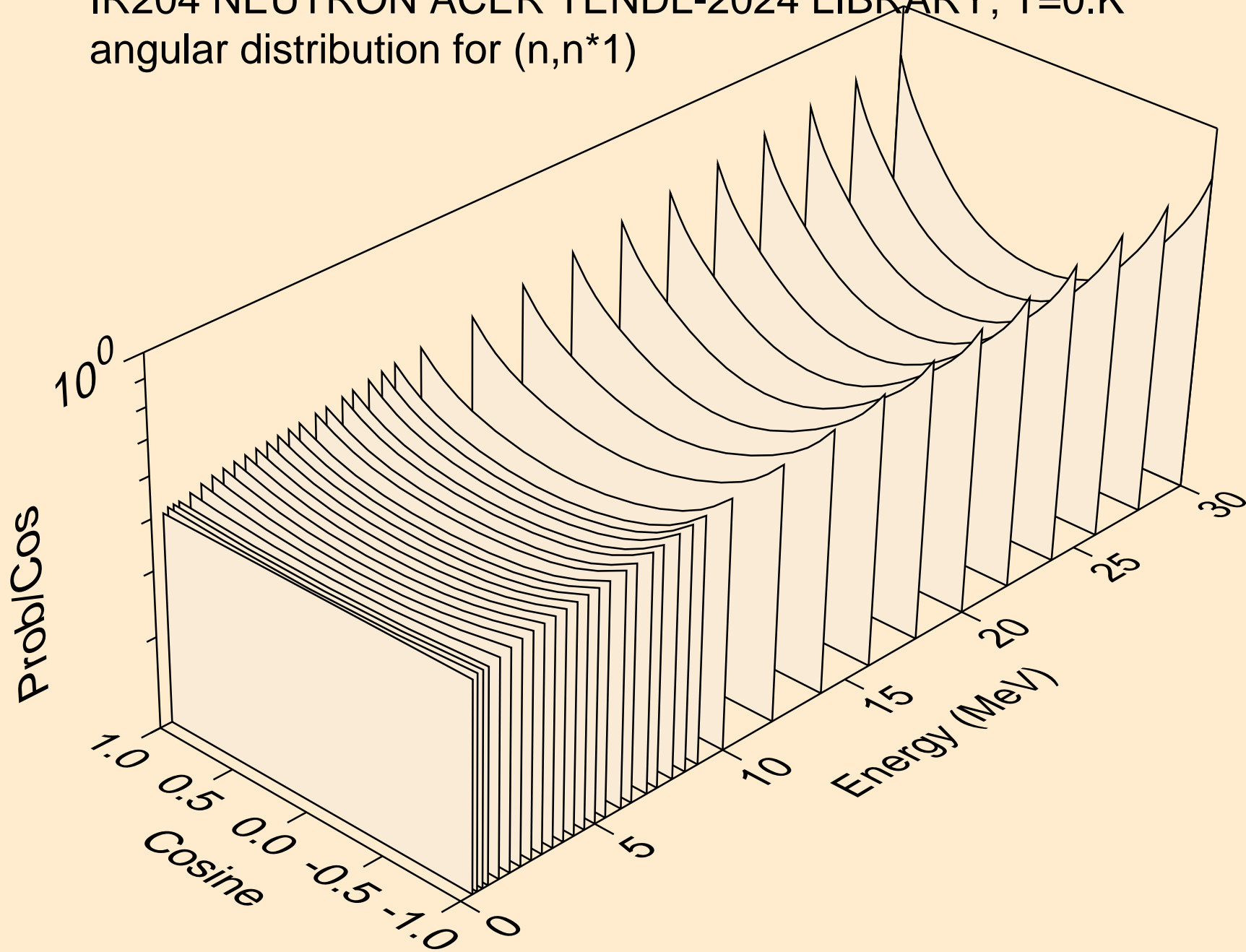
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



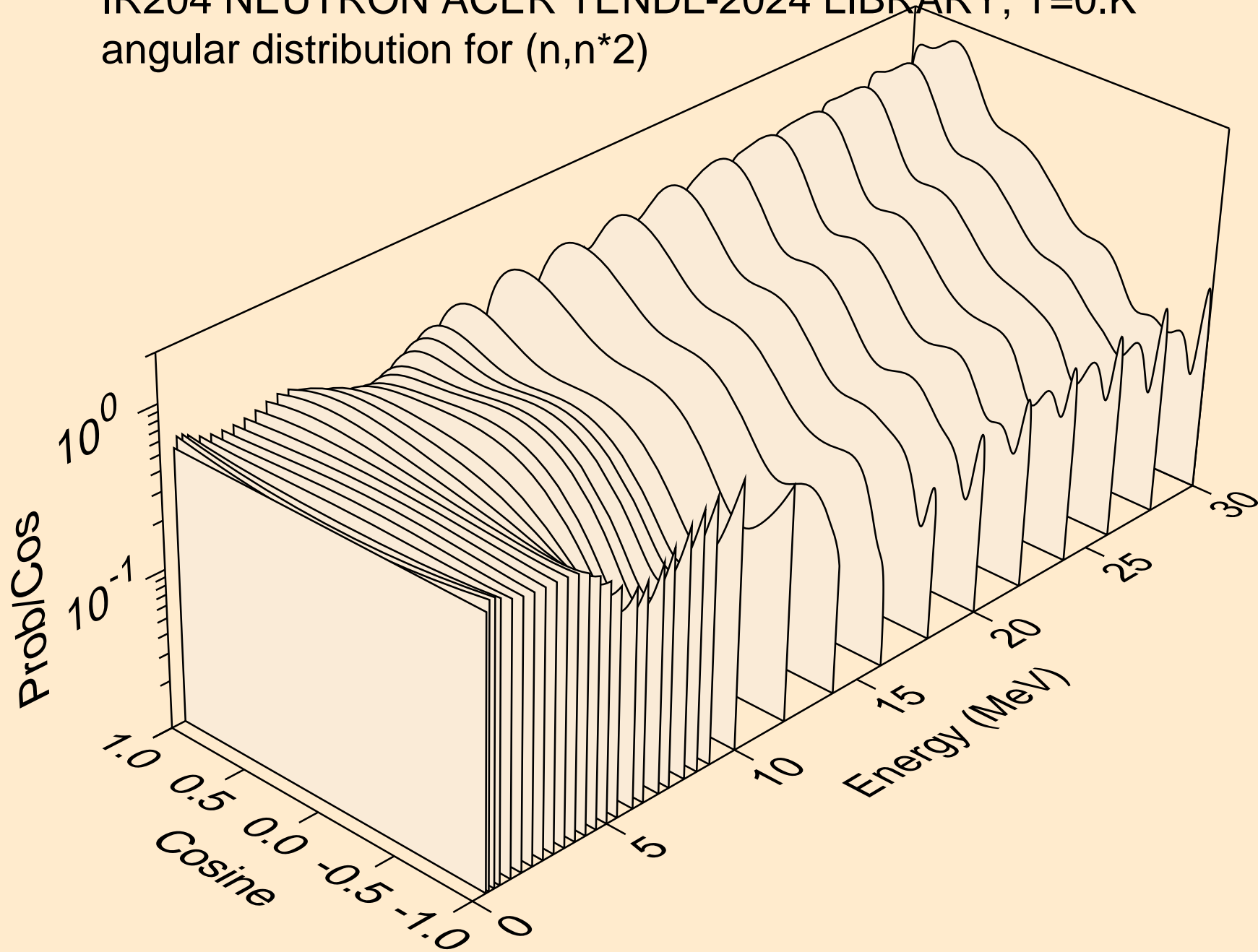
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



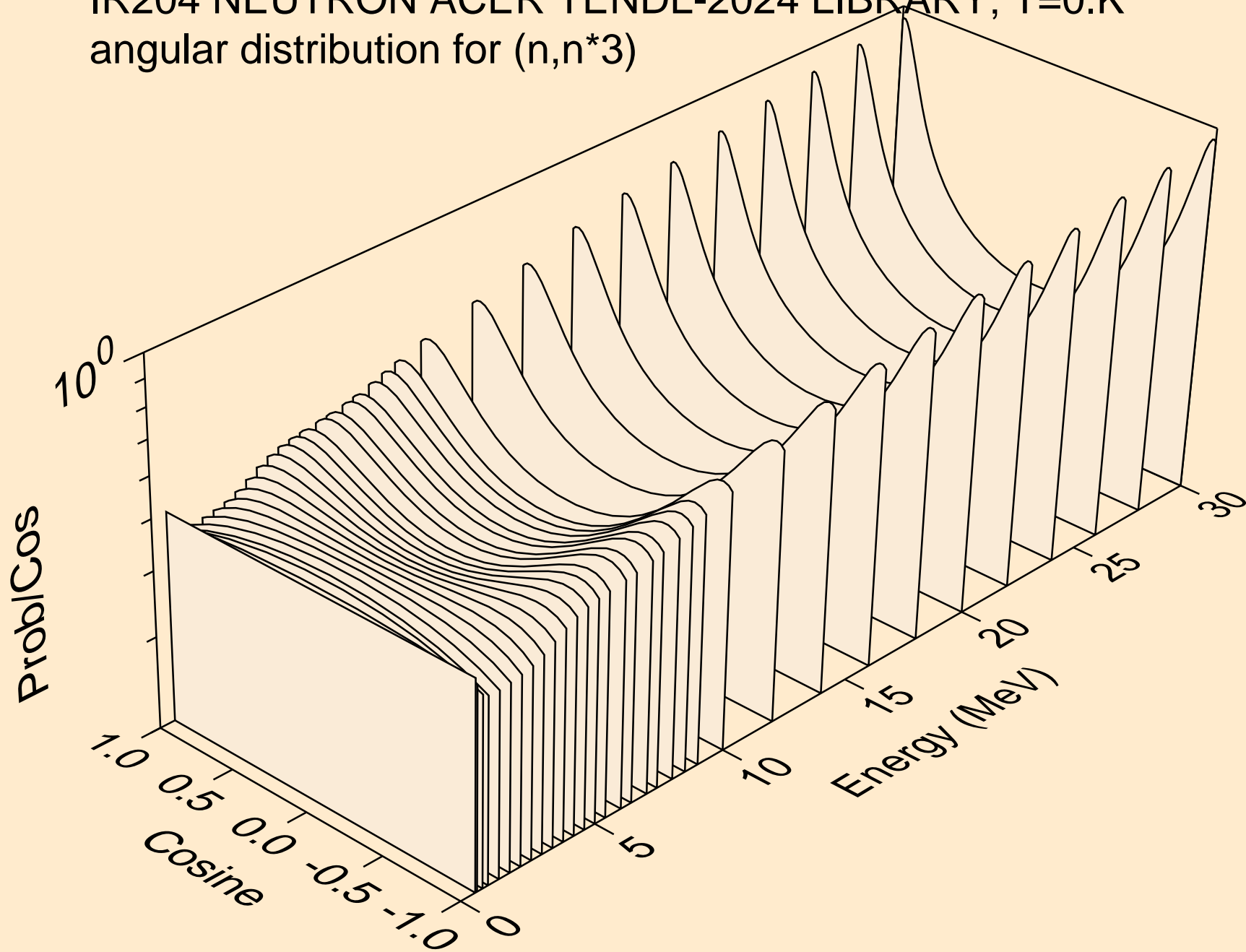
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



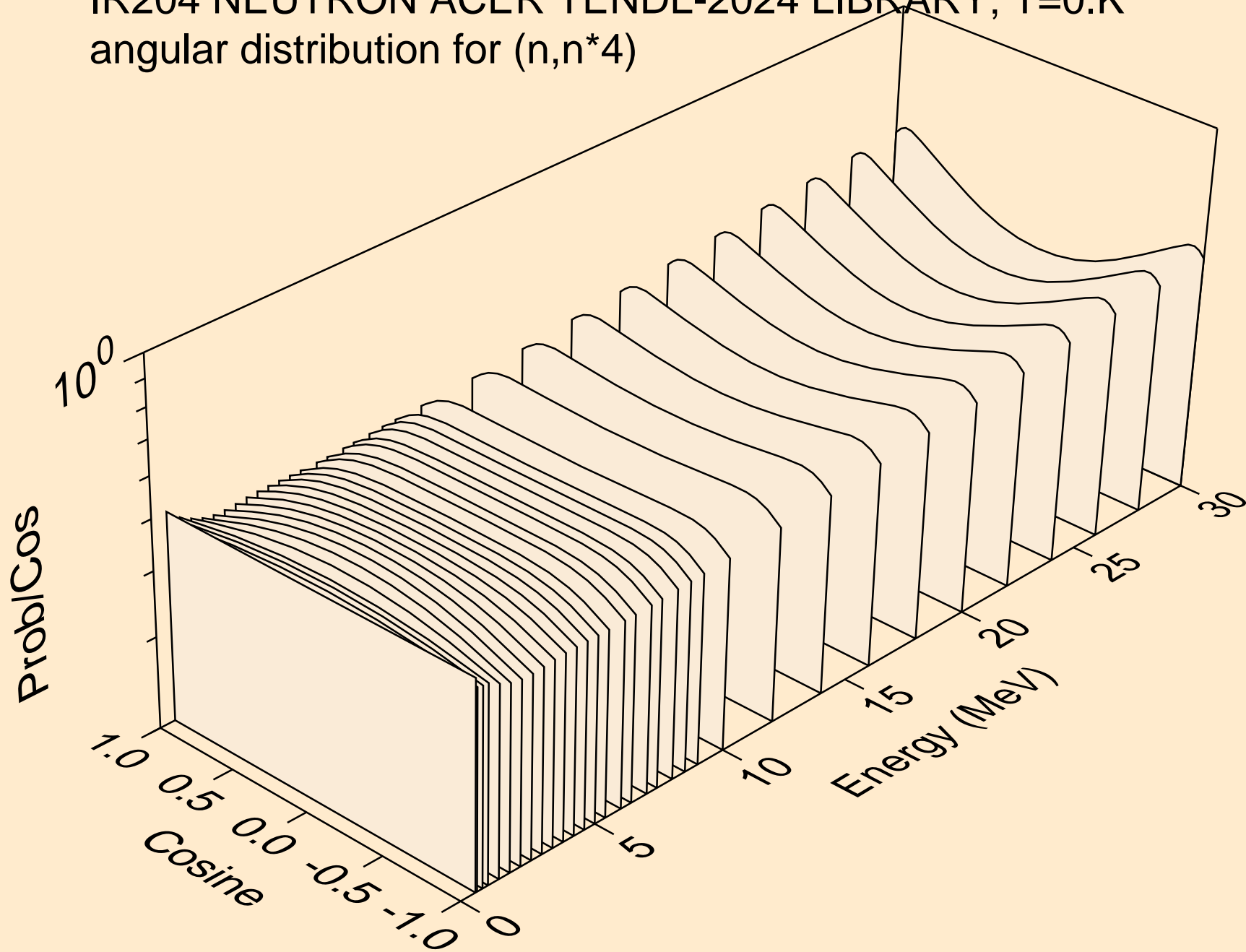
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



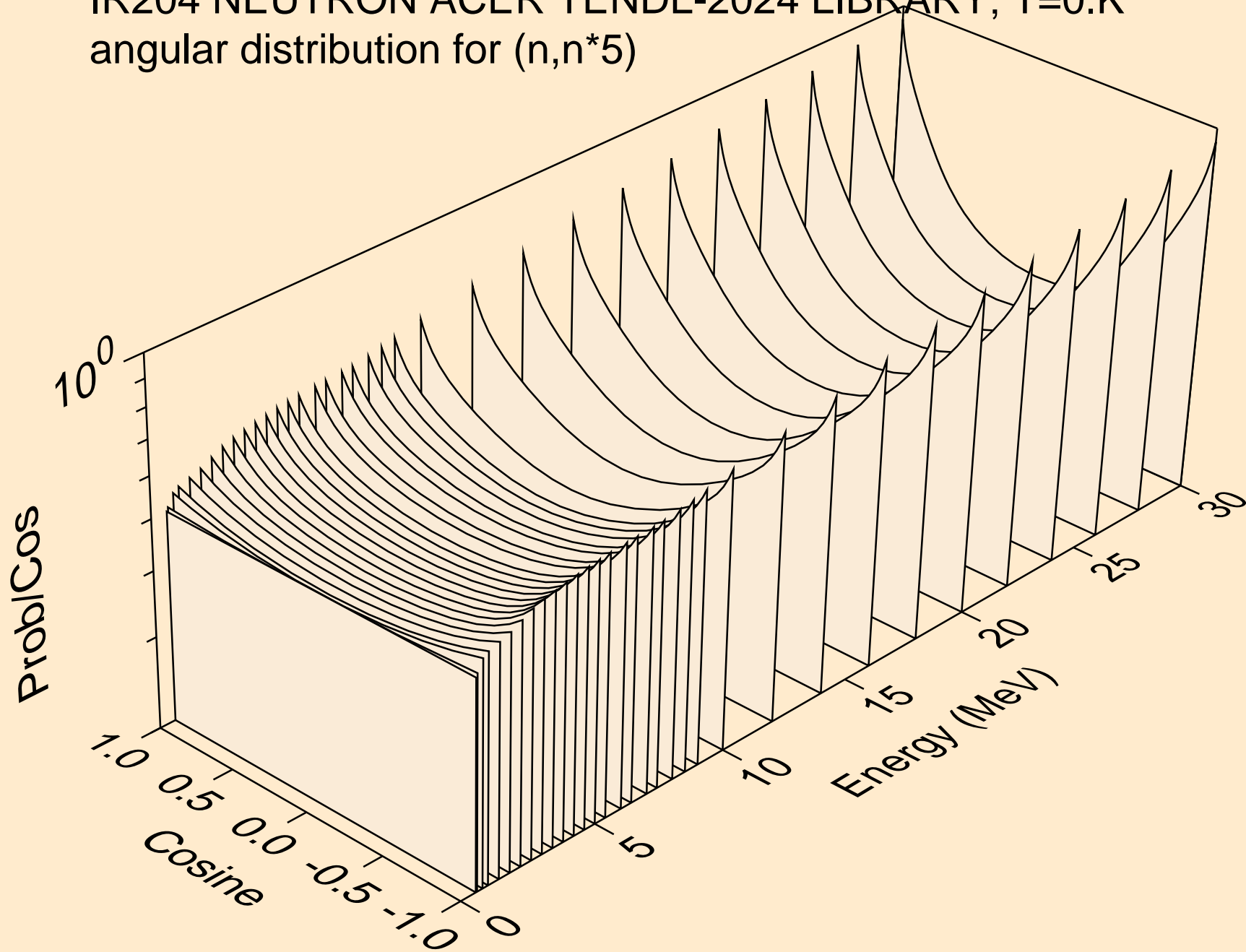
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)

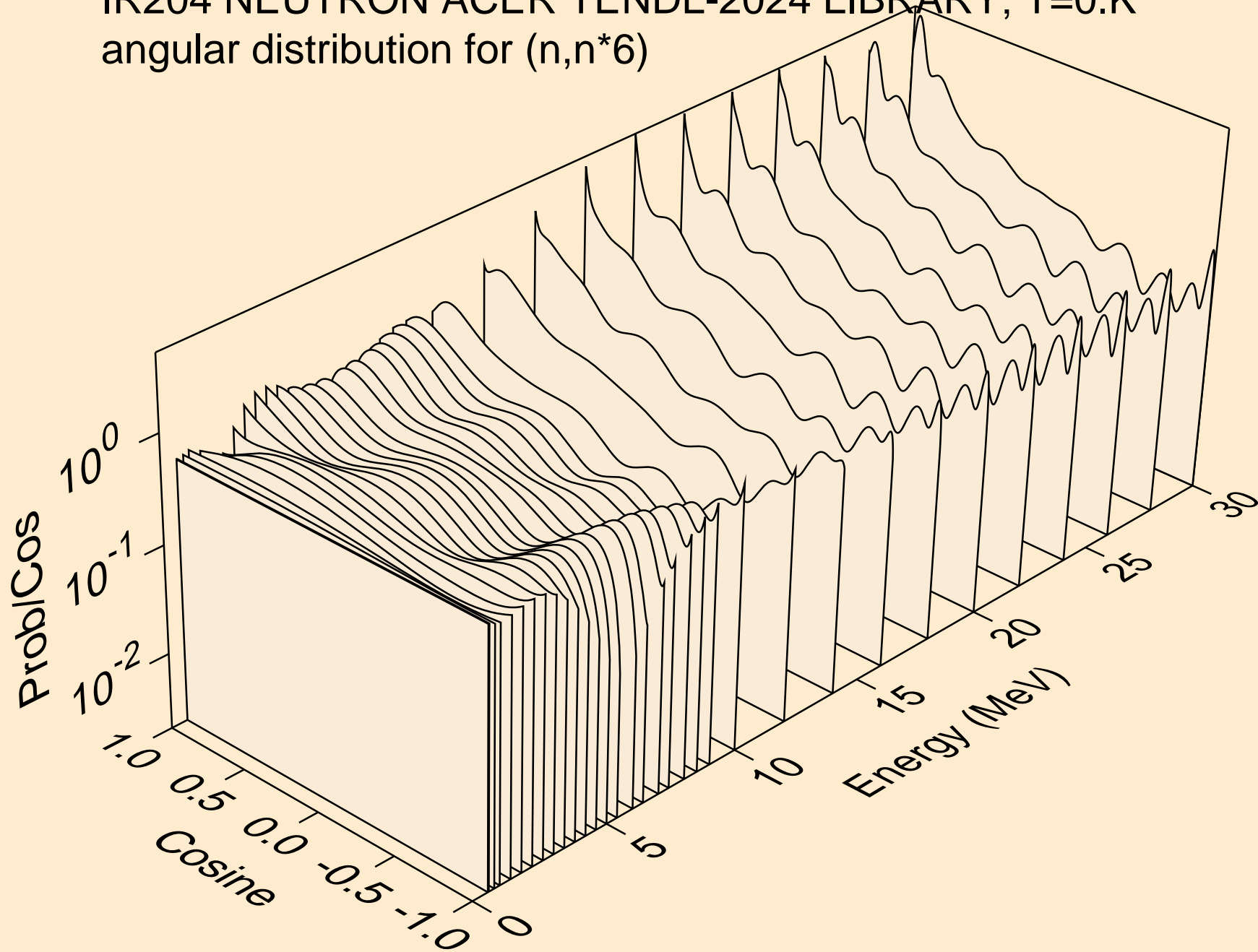


IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)

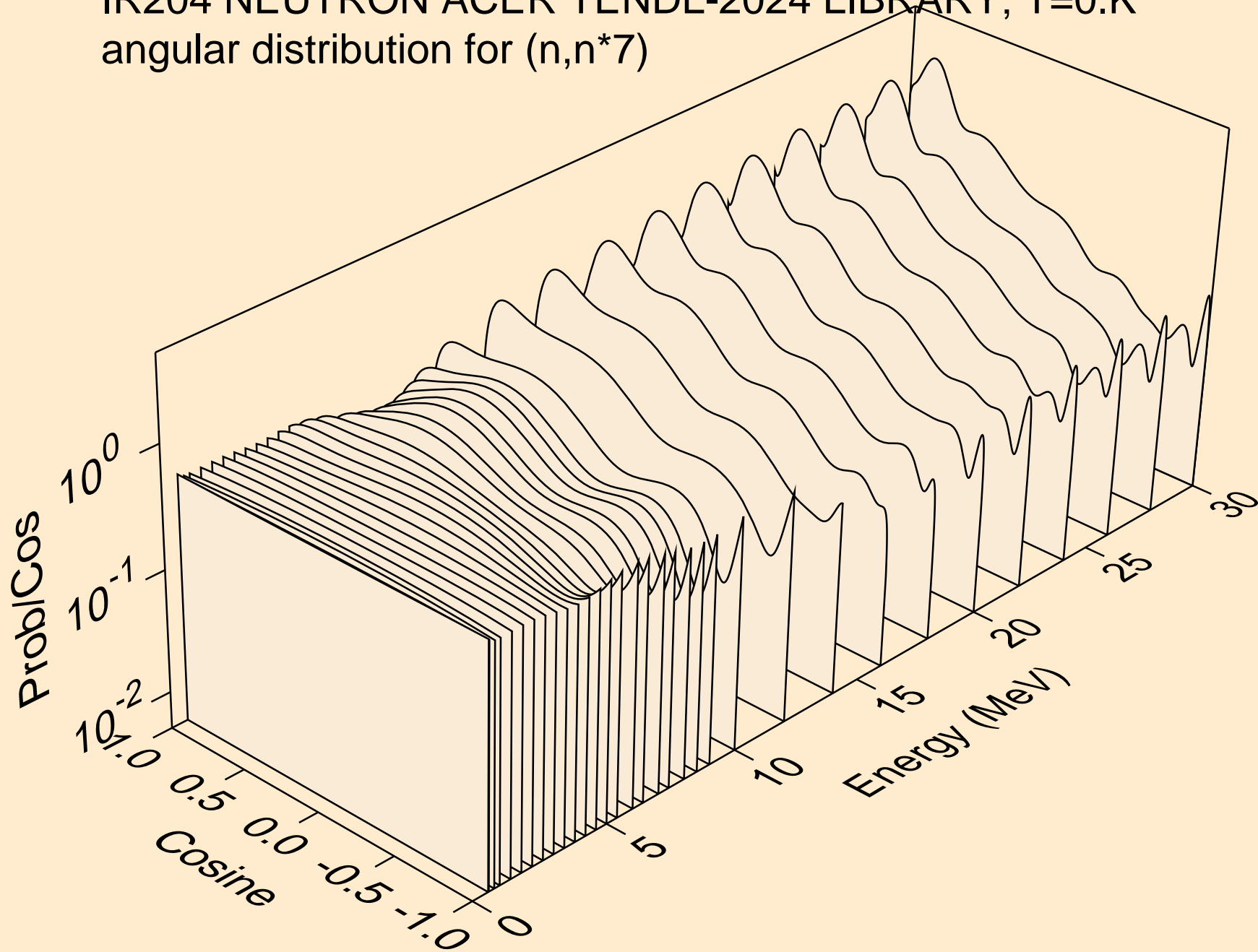




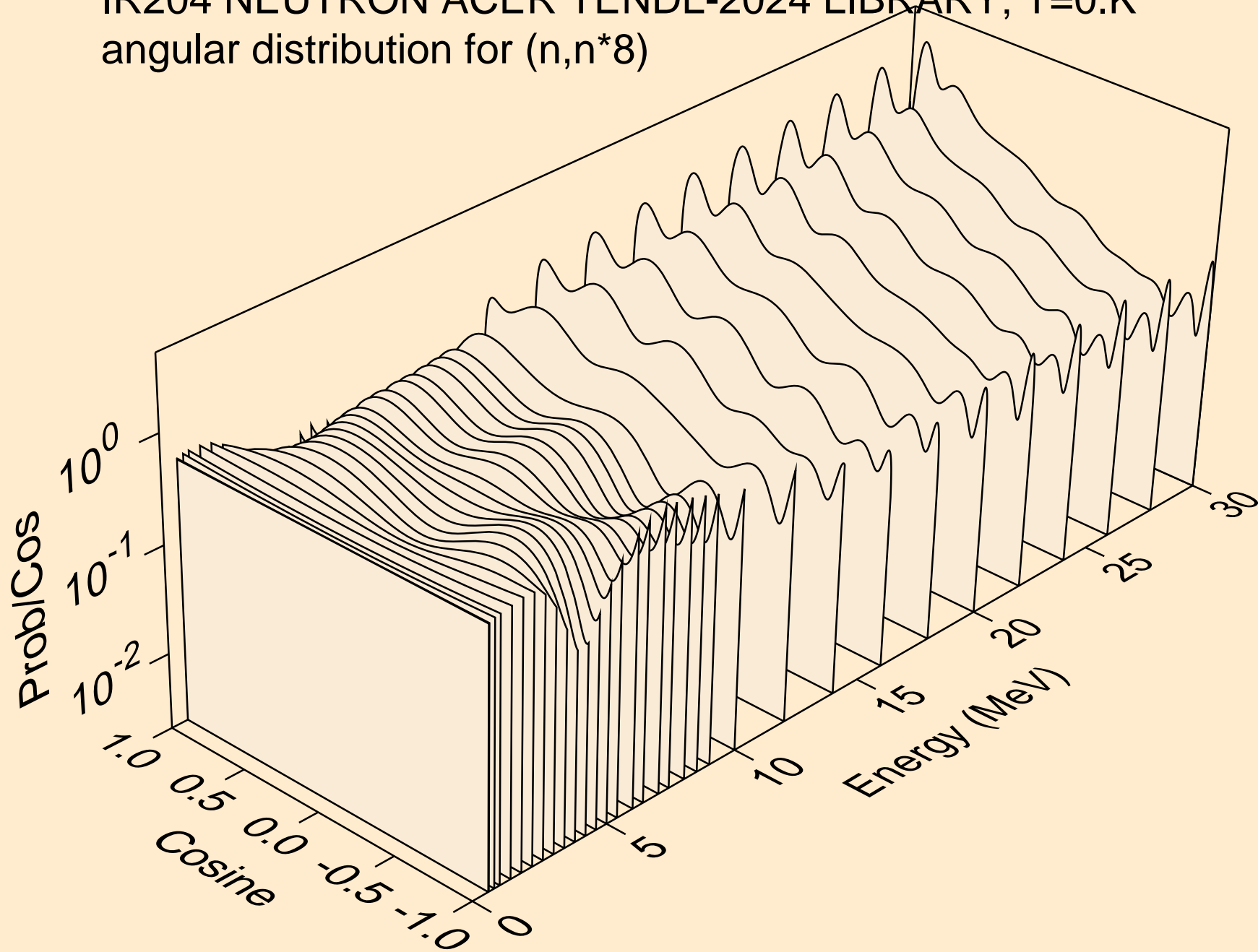
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



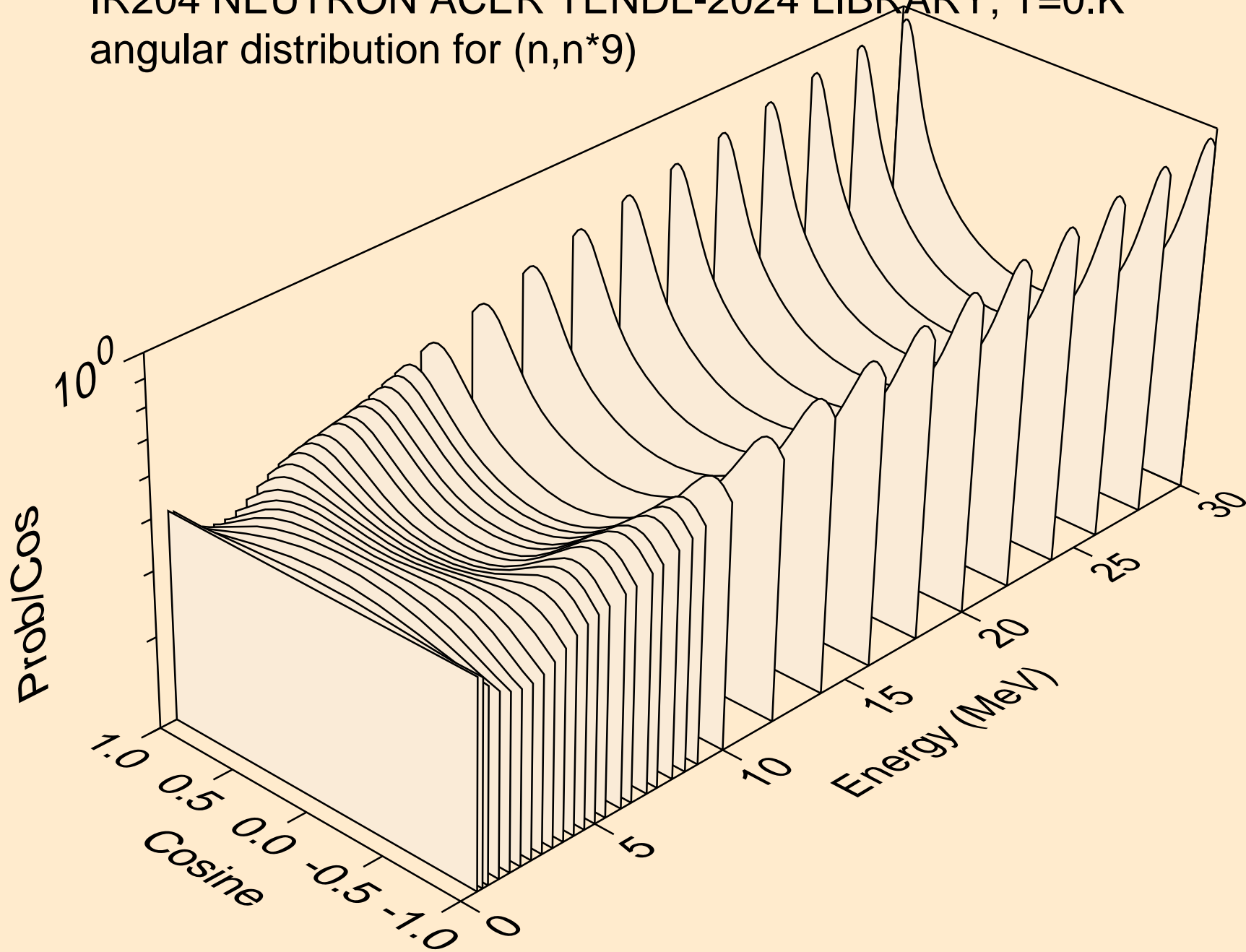
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



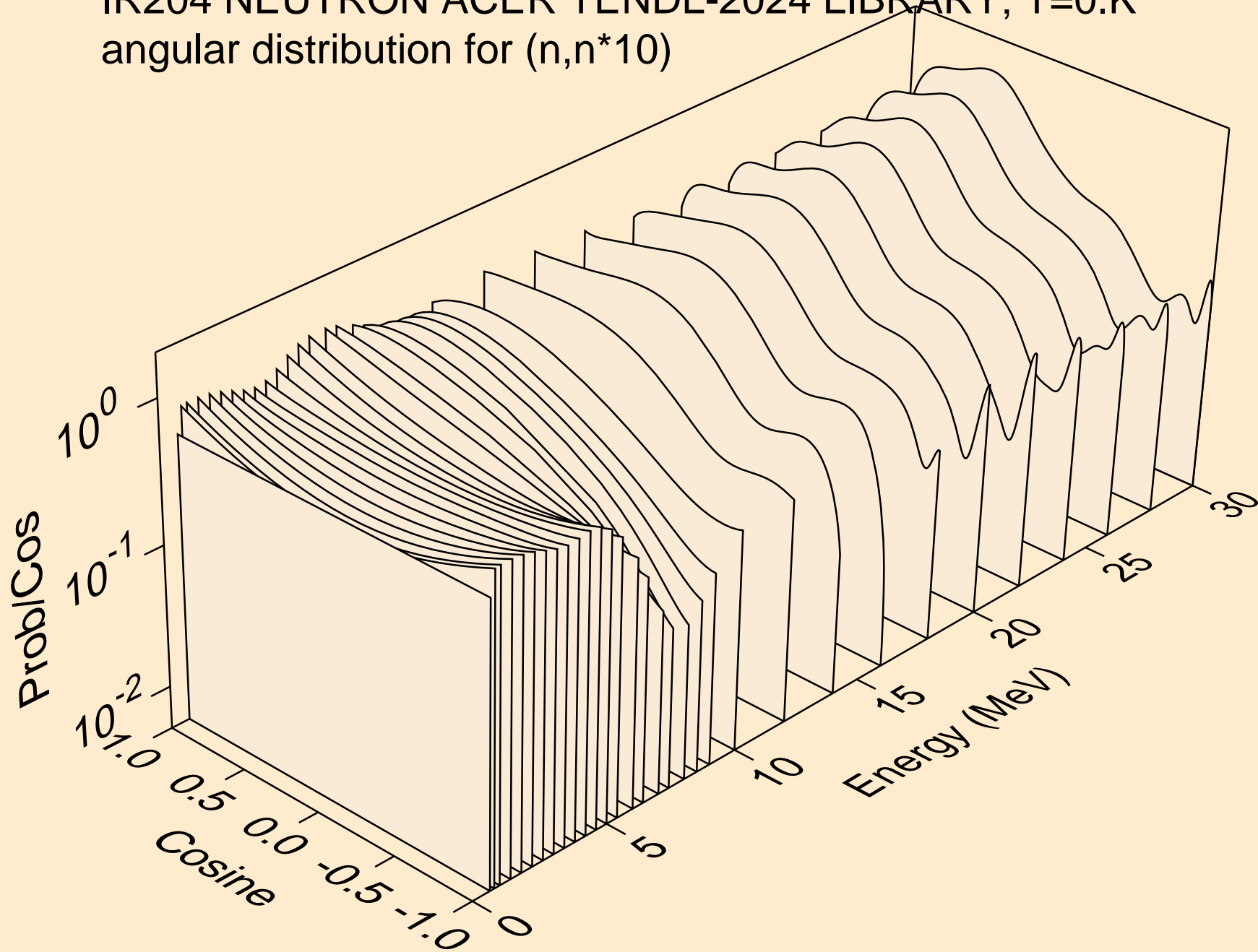
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



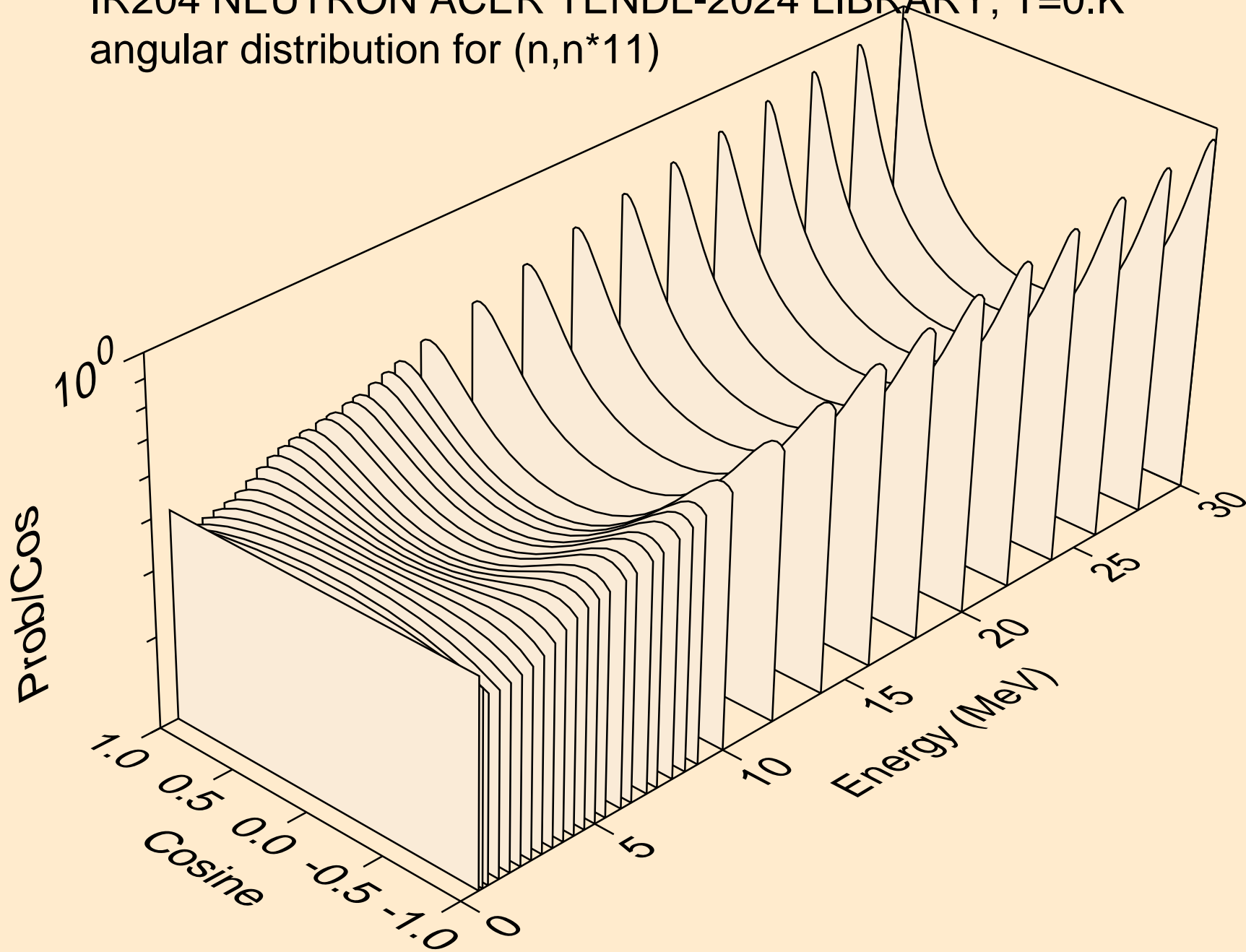
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



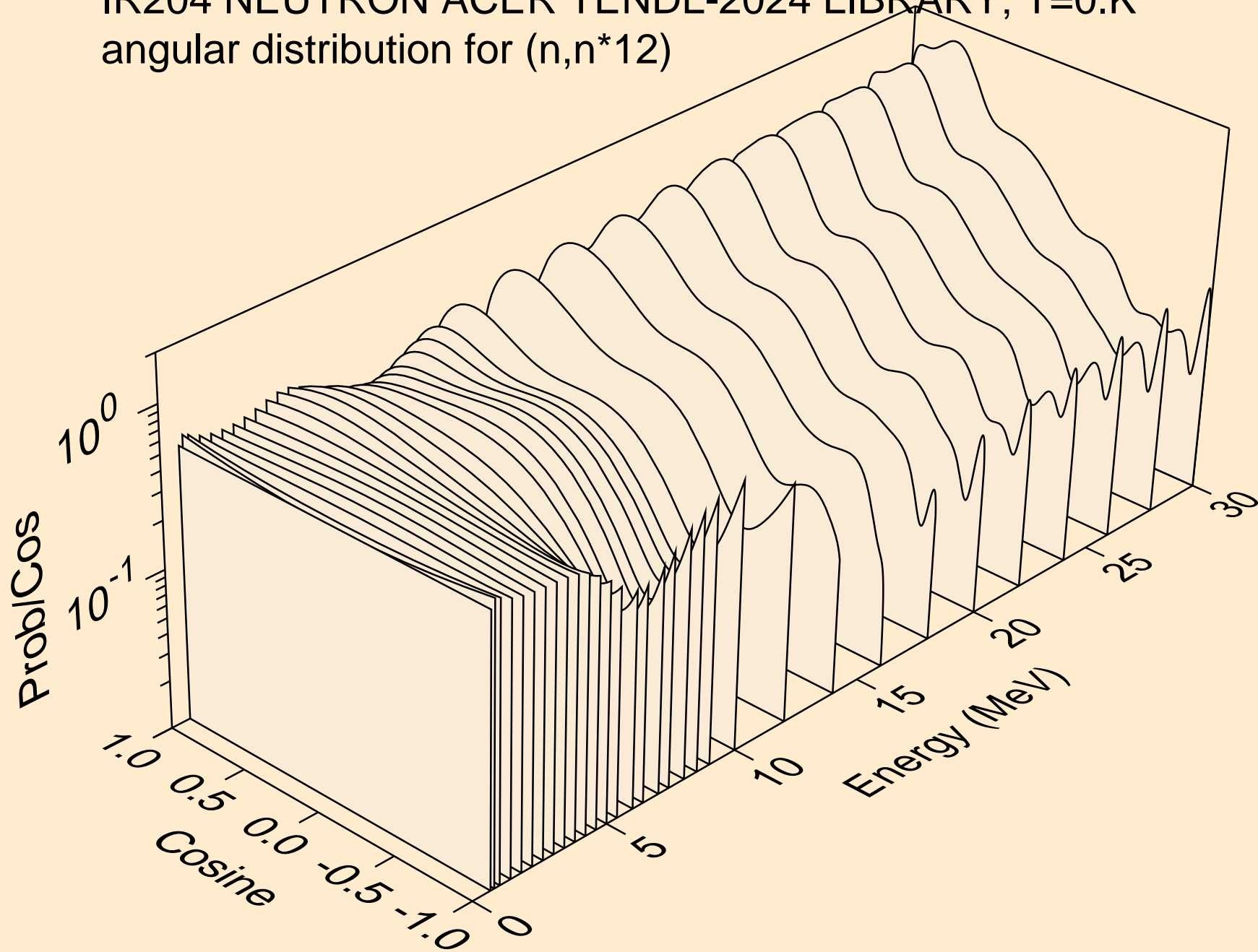
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



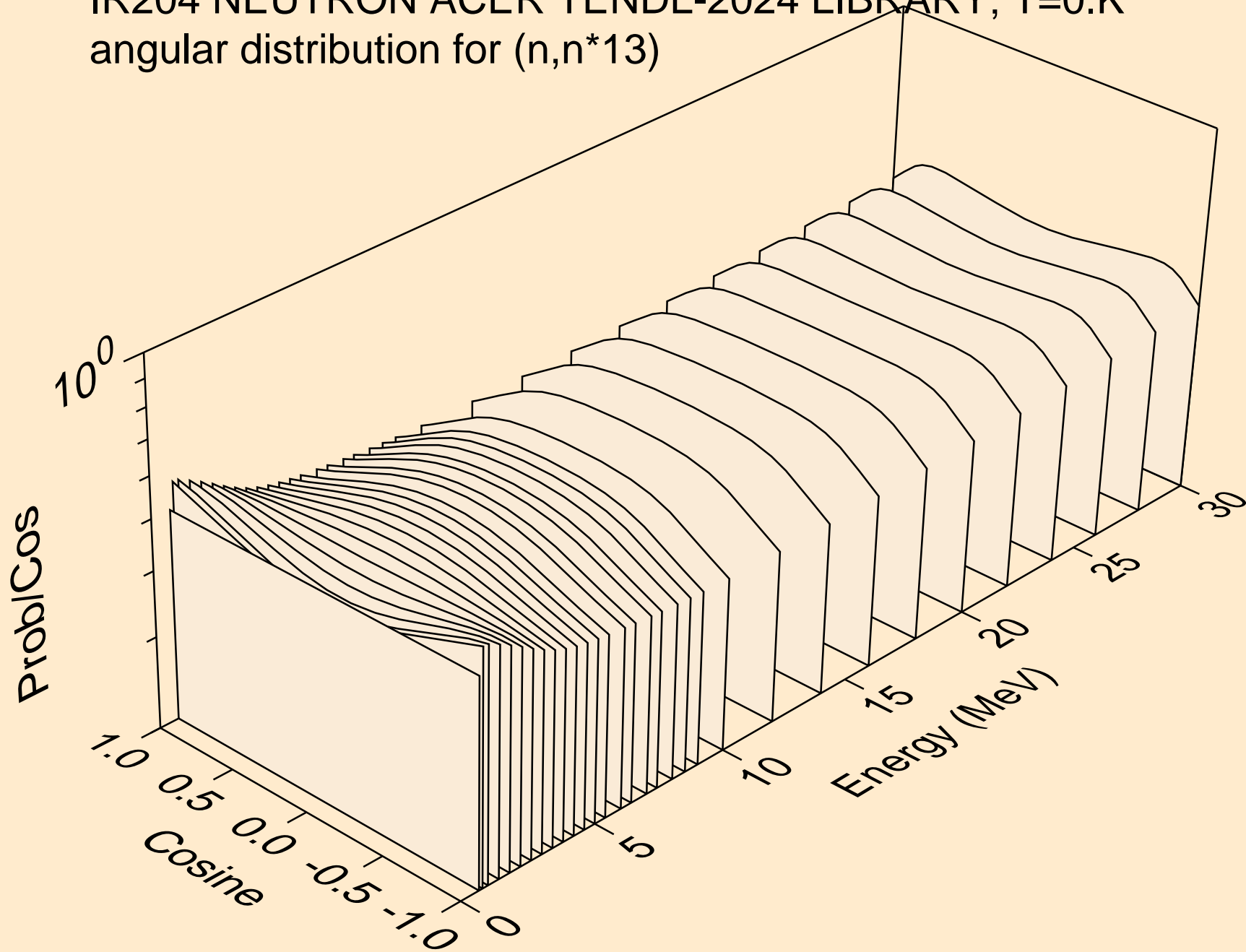
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)

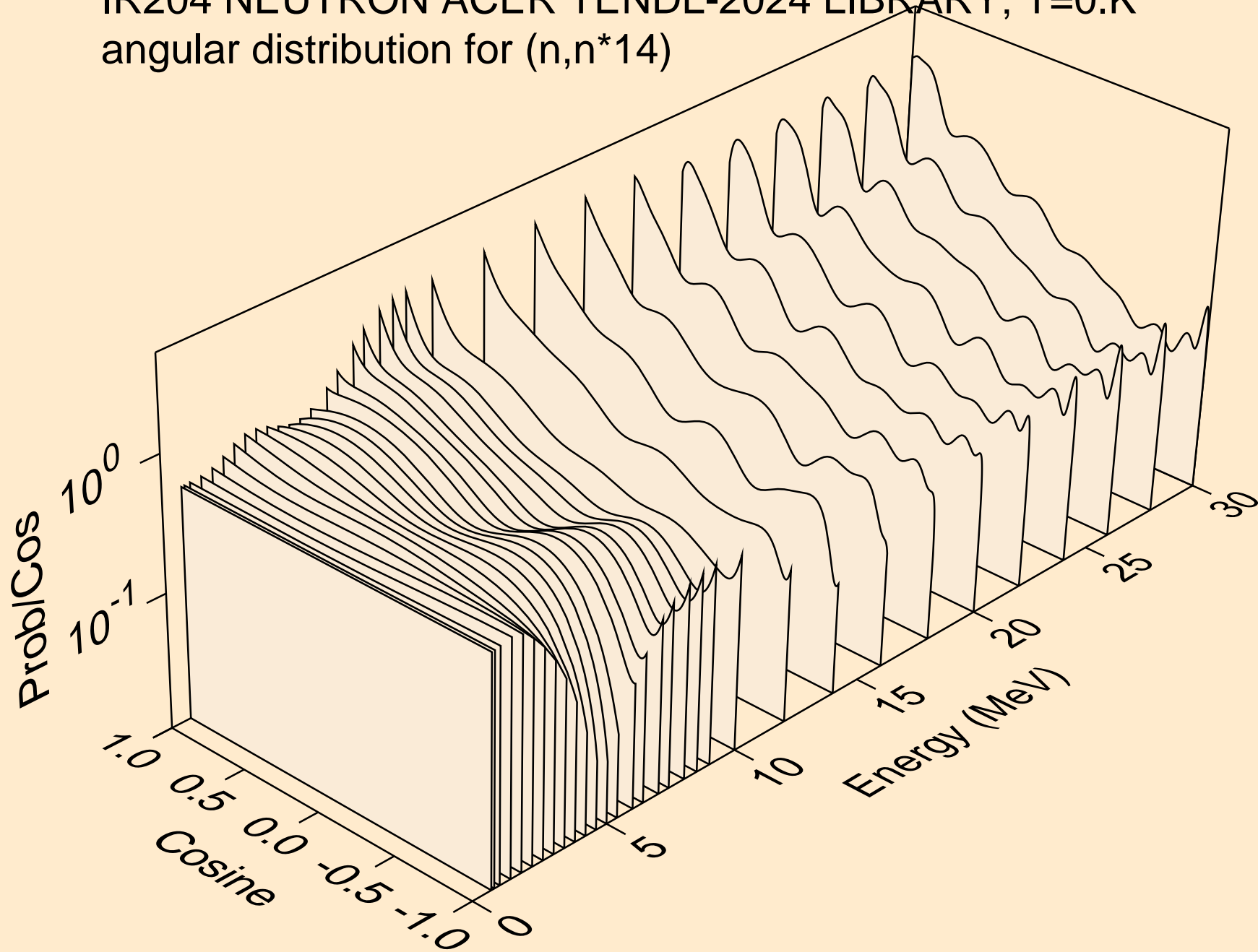


IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)

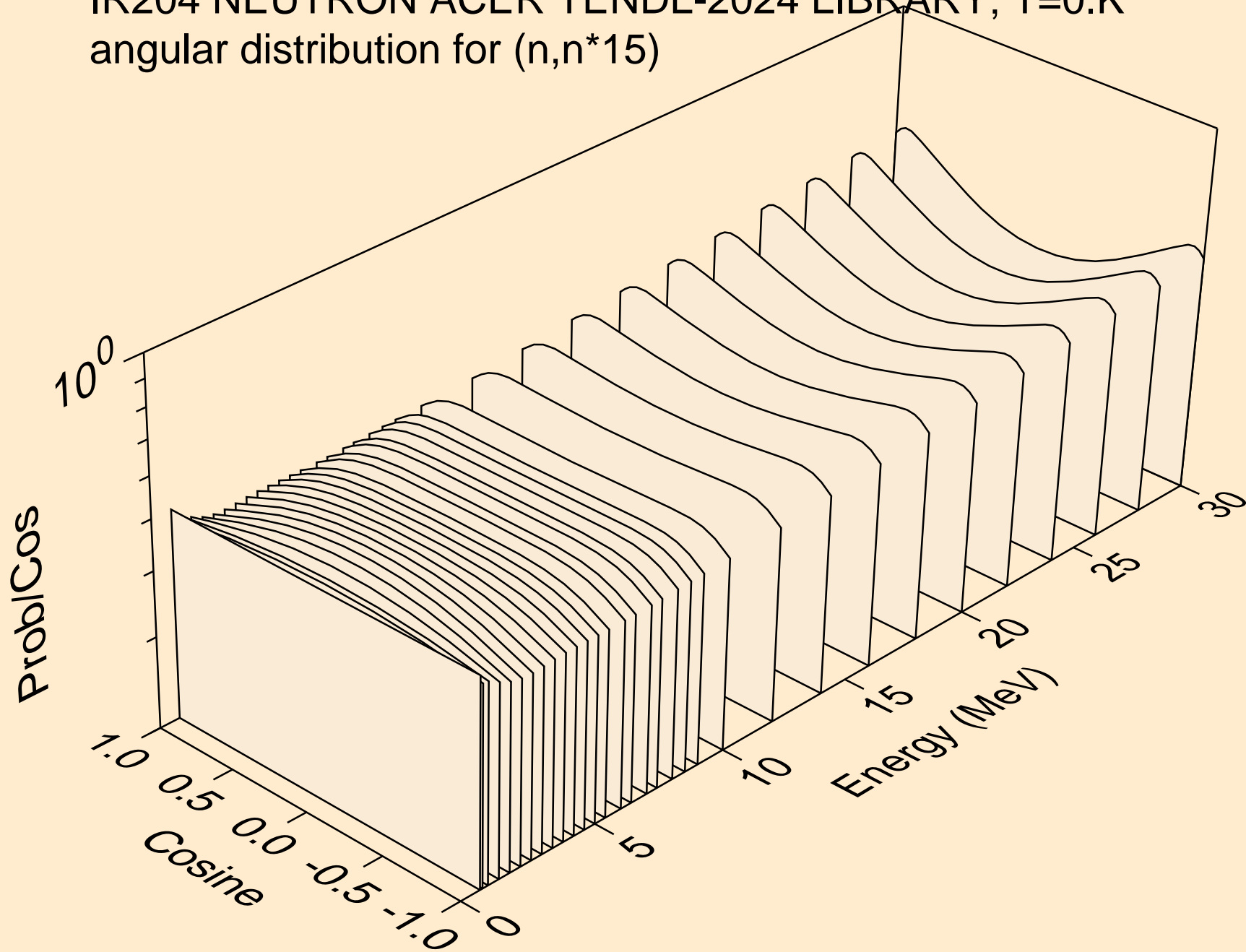




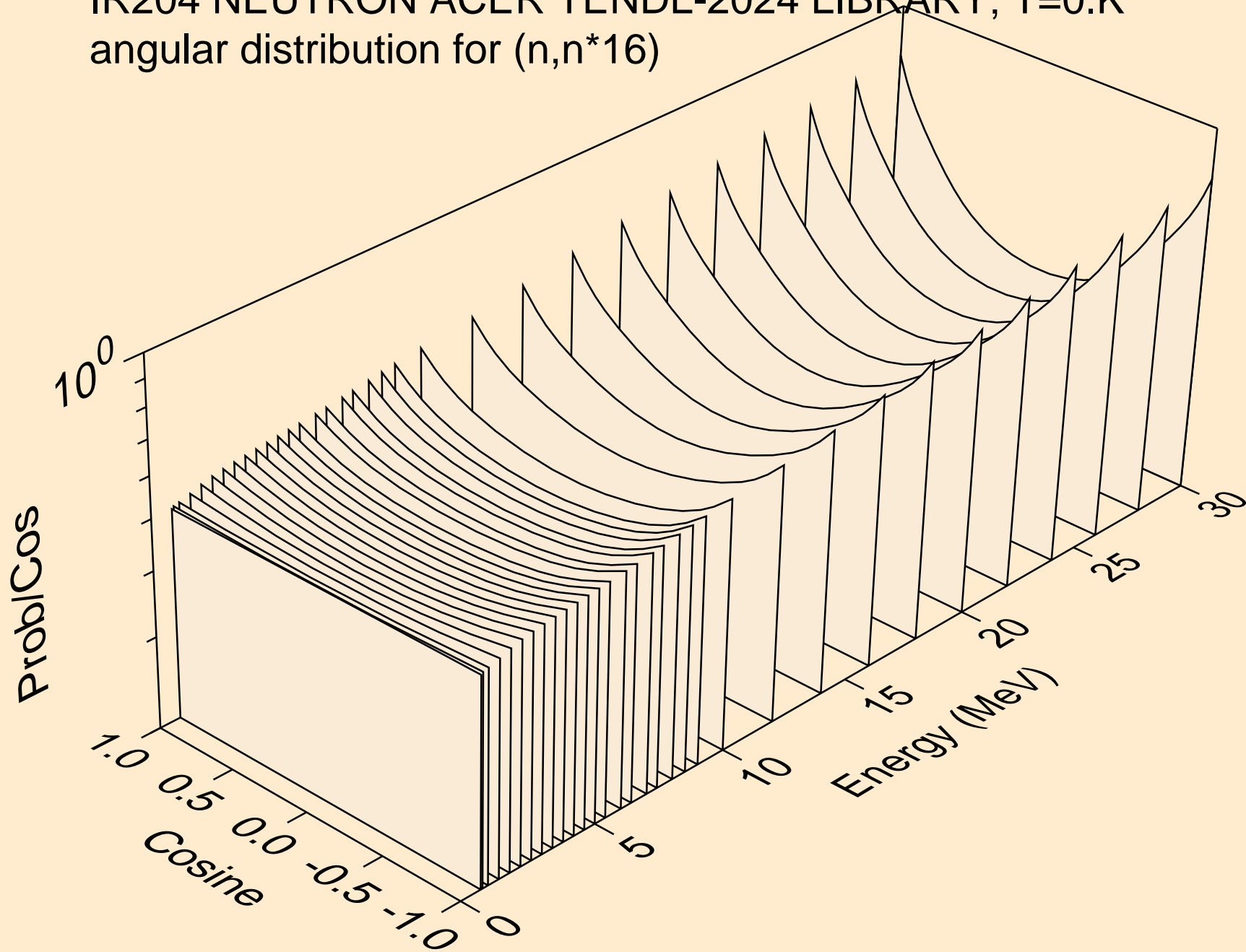
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



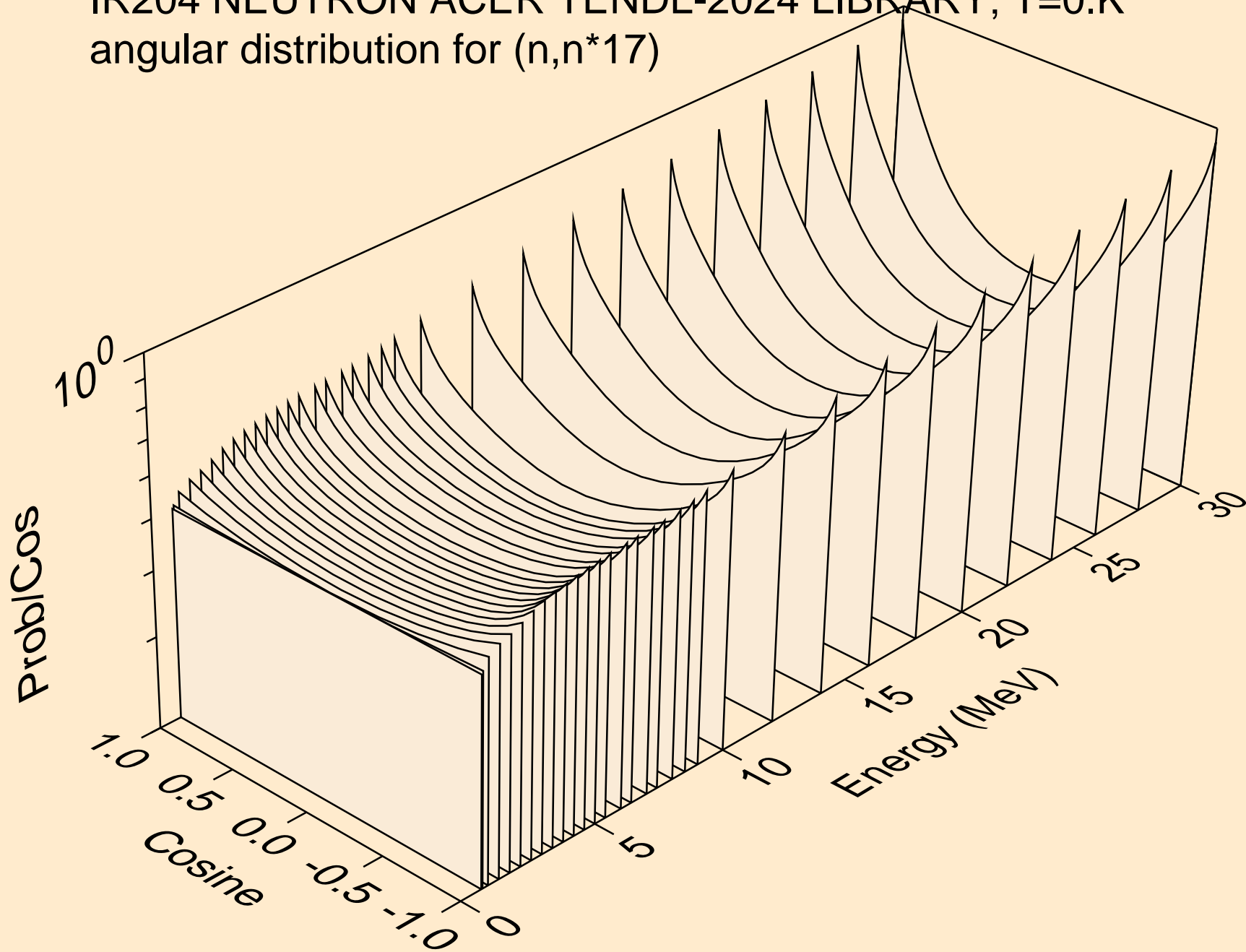
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



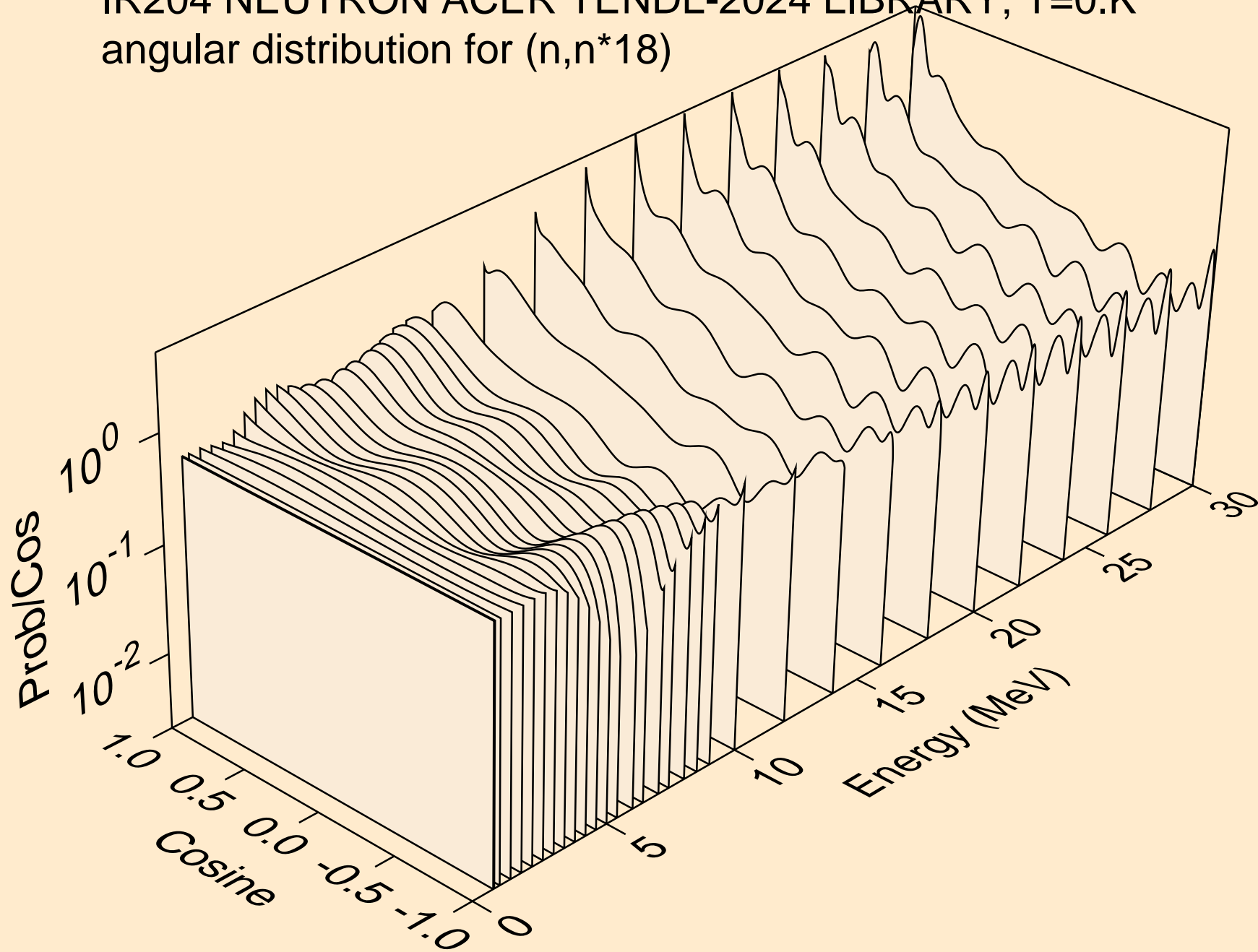
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



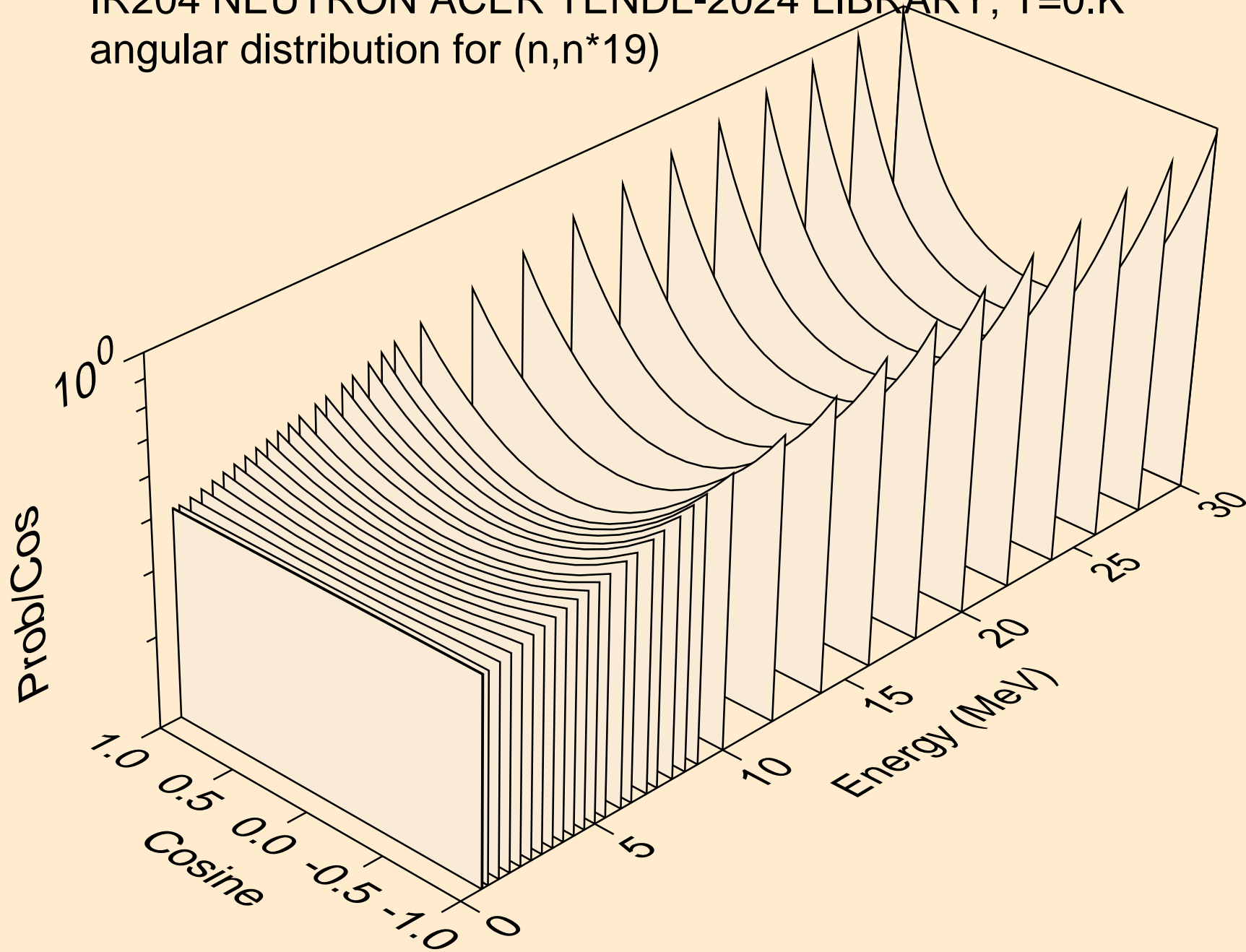
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



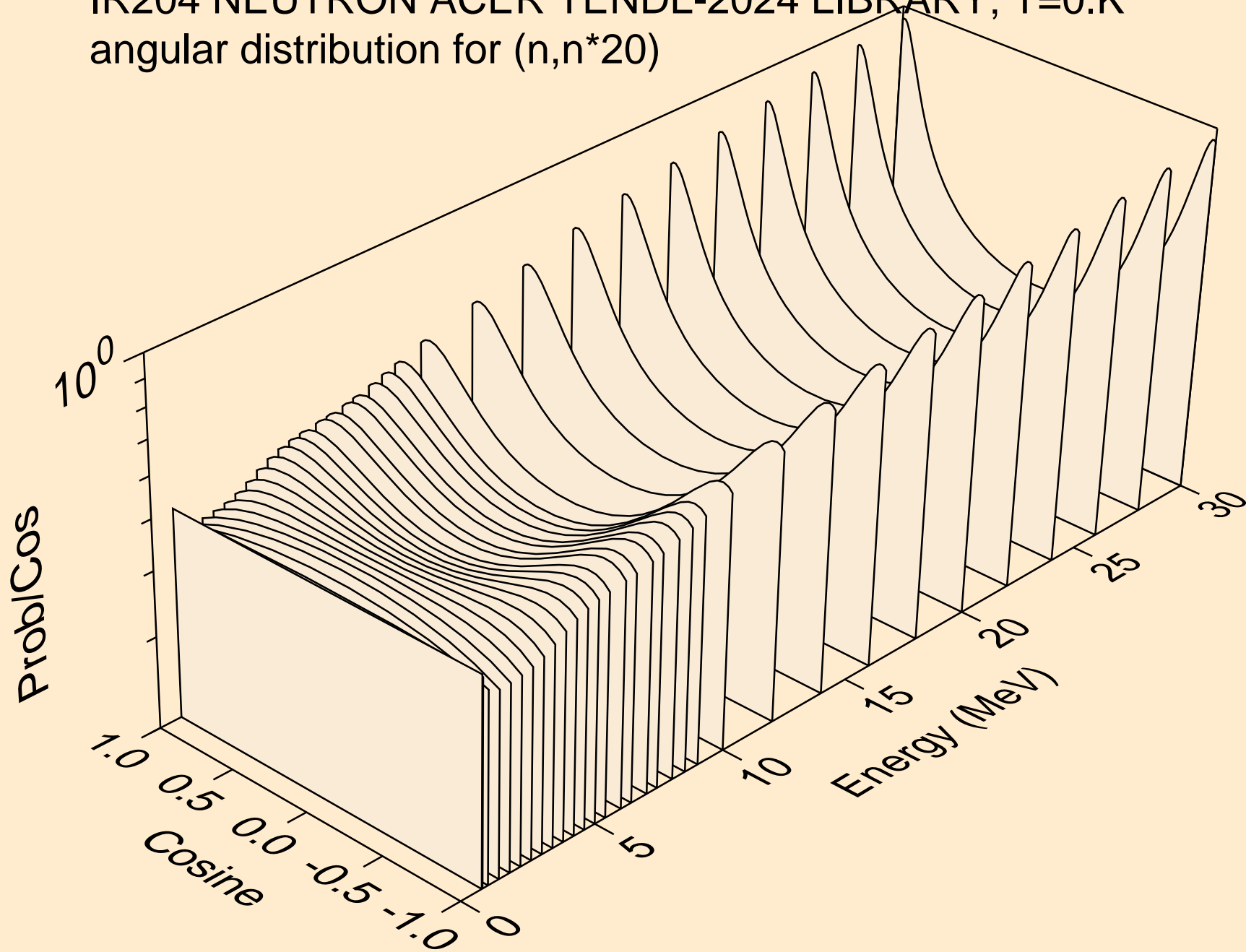
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)



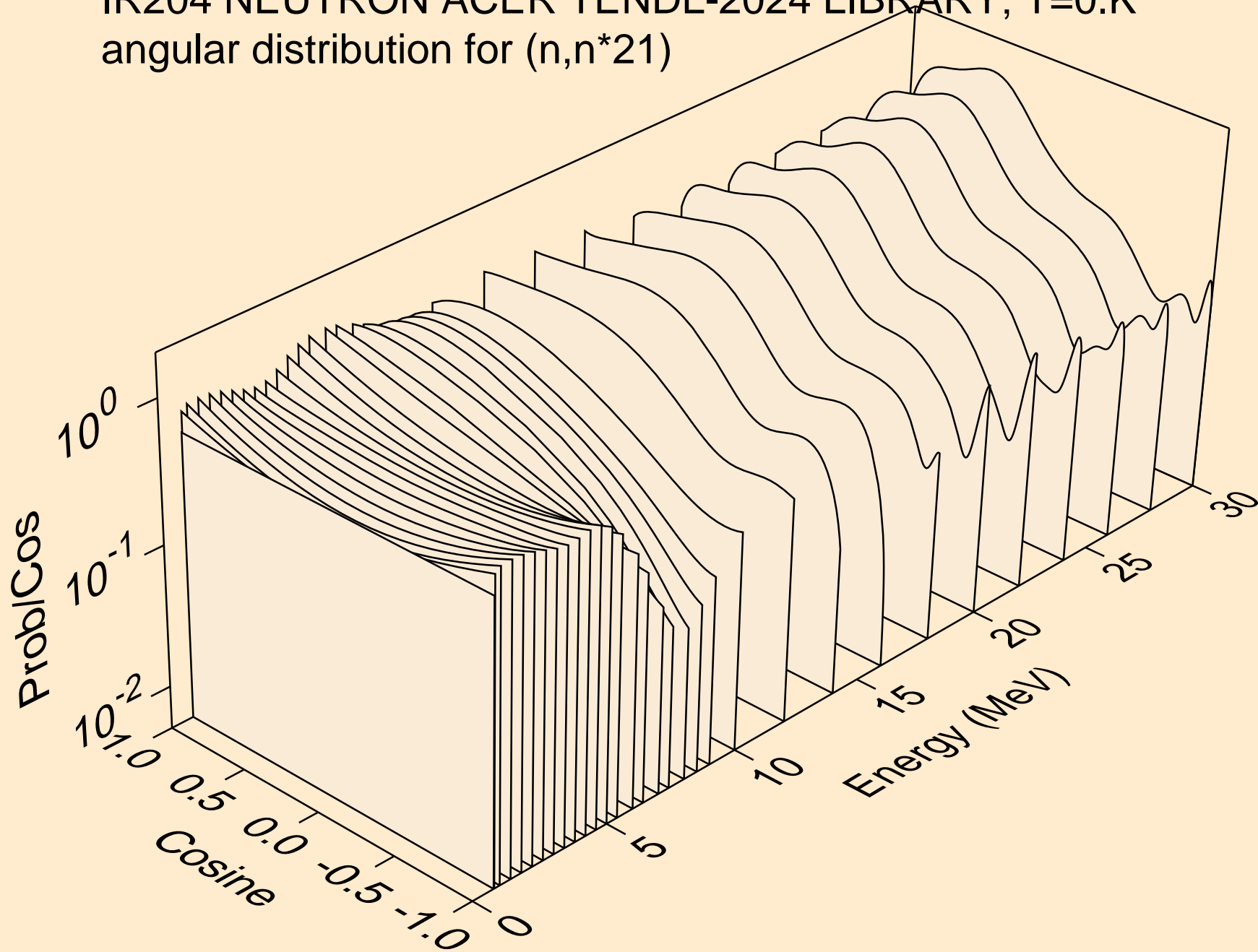
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*19)



IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)

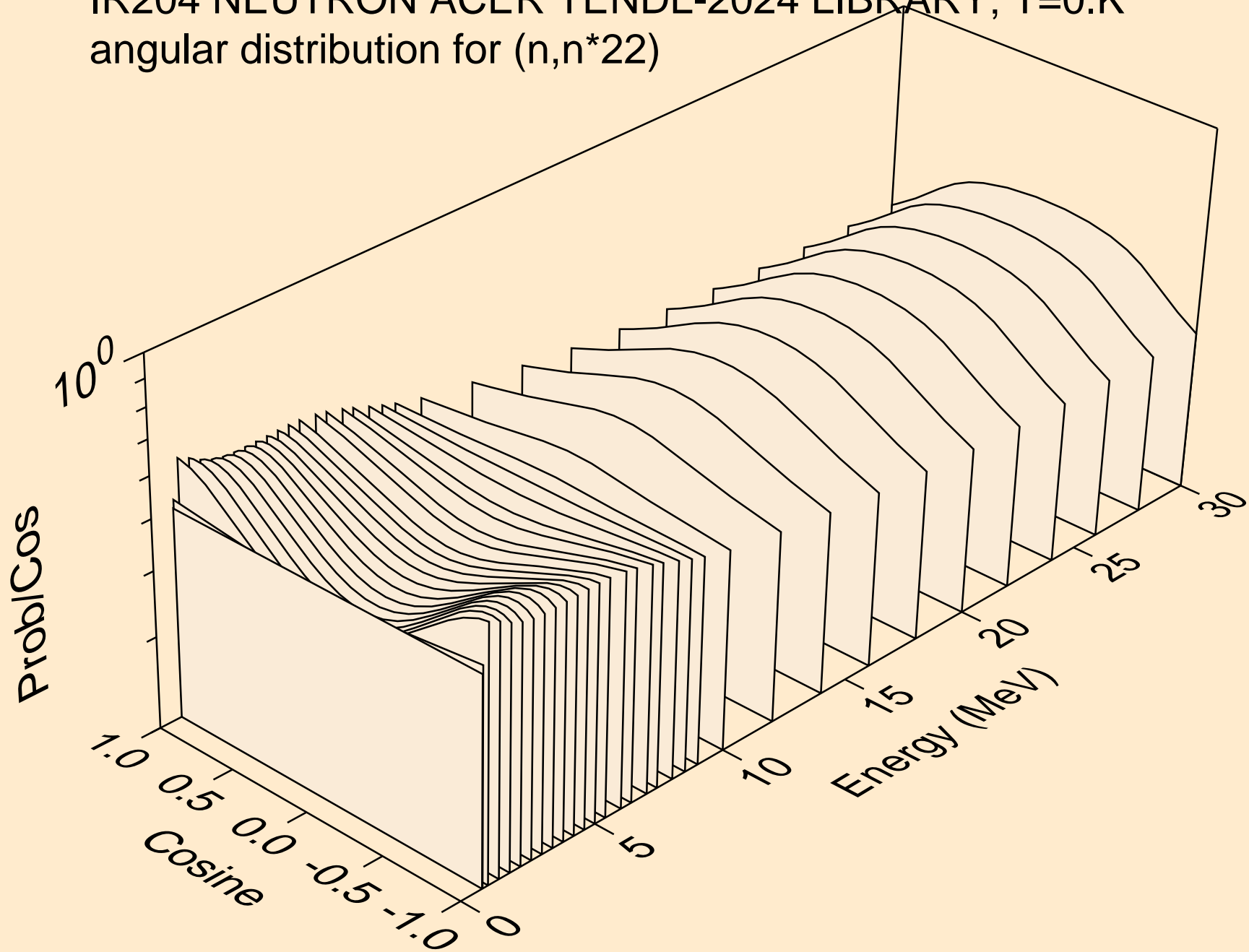


IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*21)

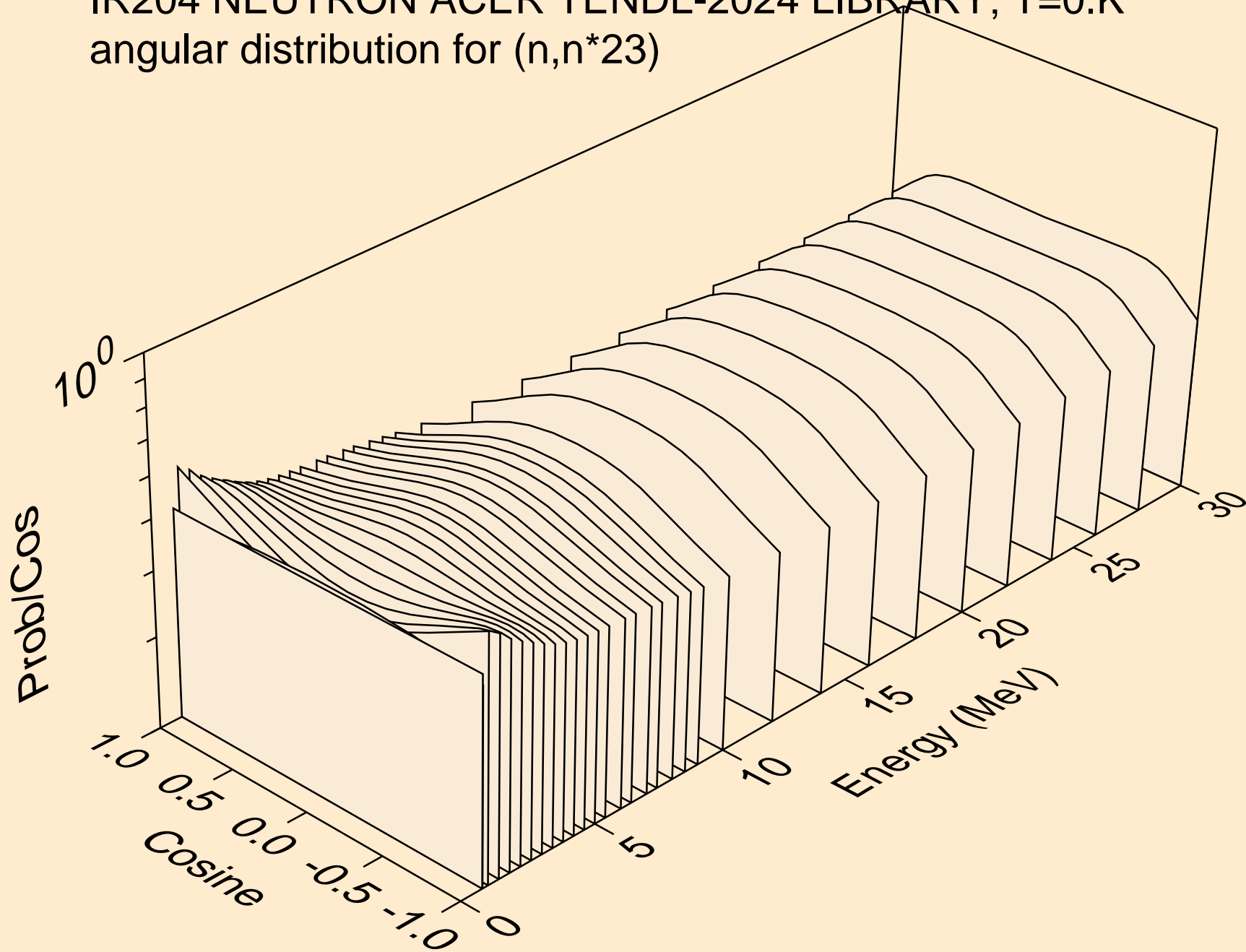




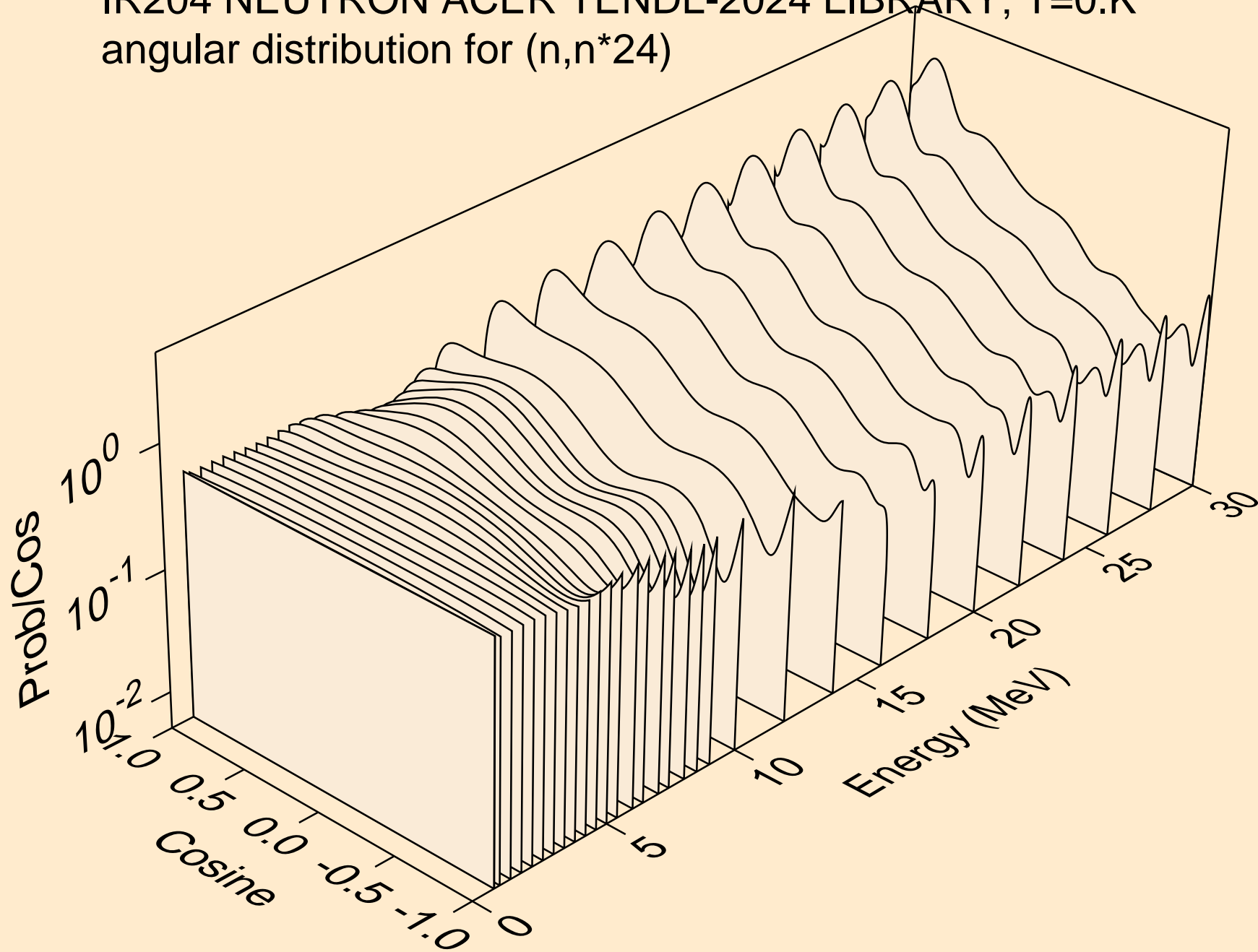
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*22)



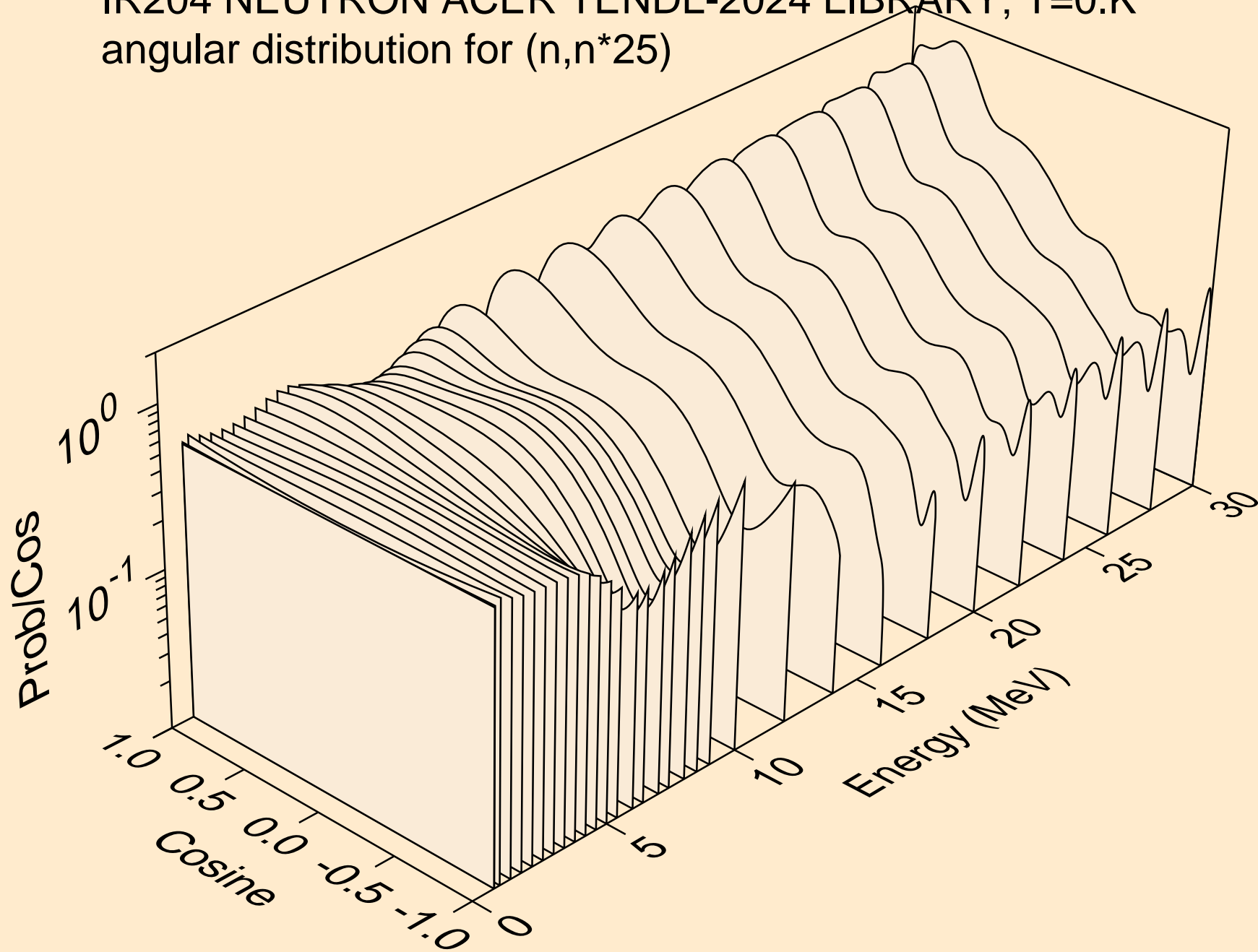
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*23)



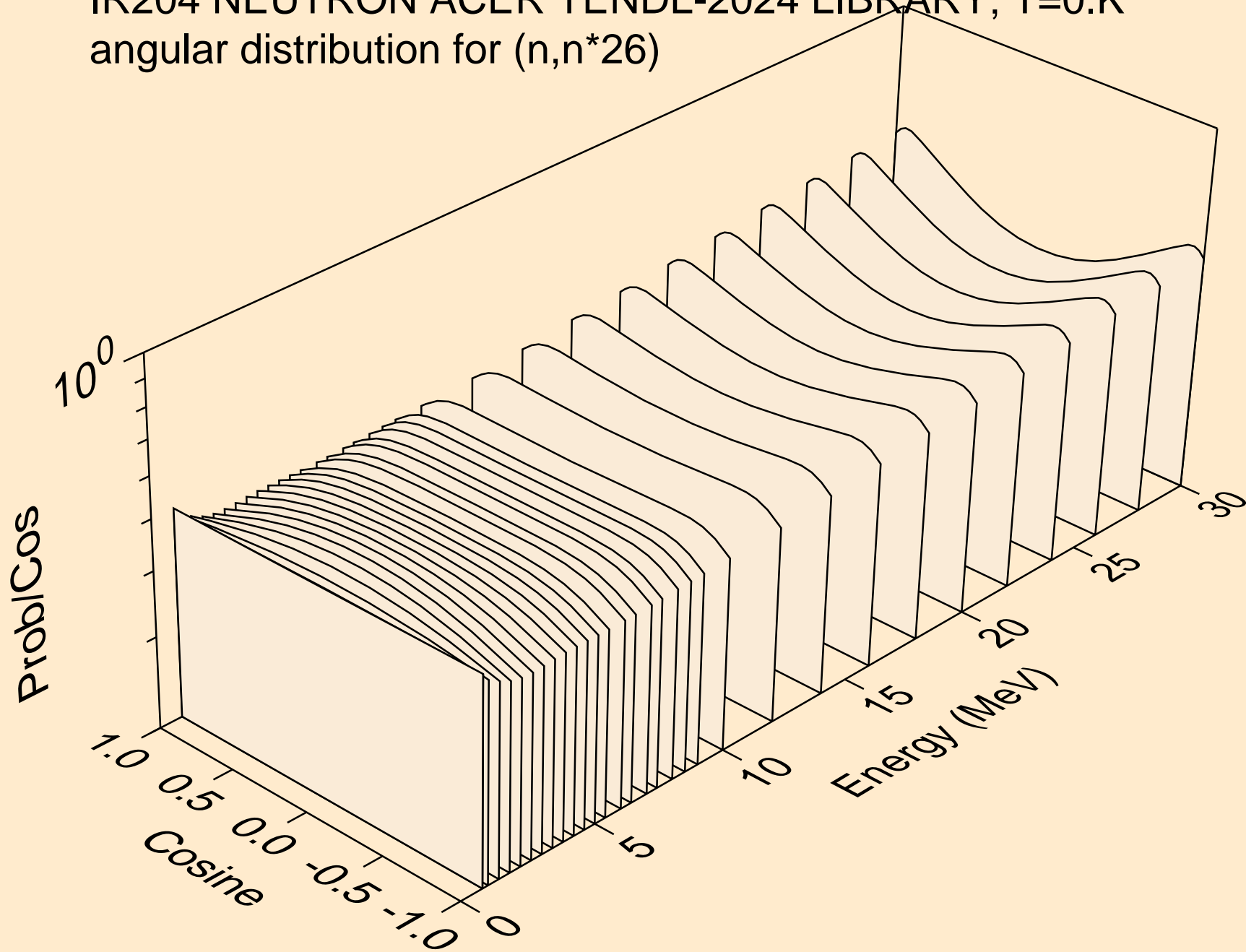
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*24)



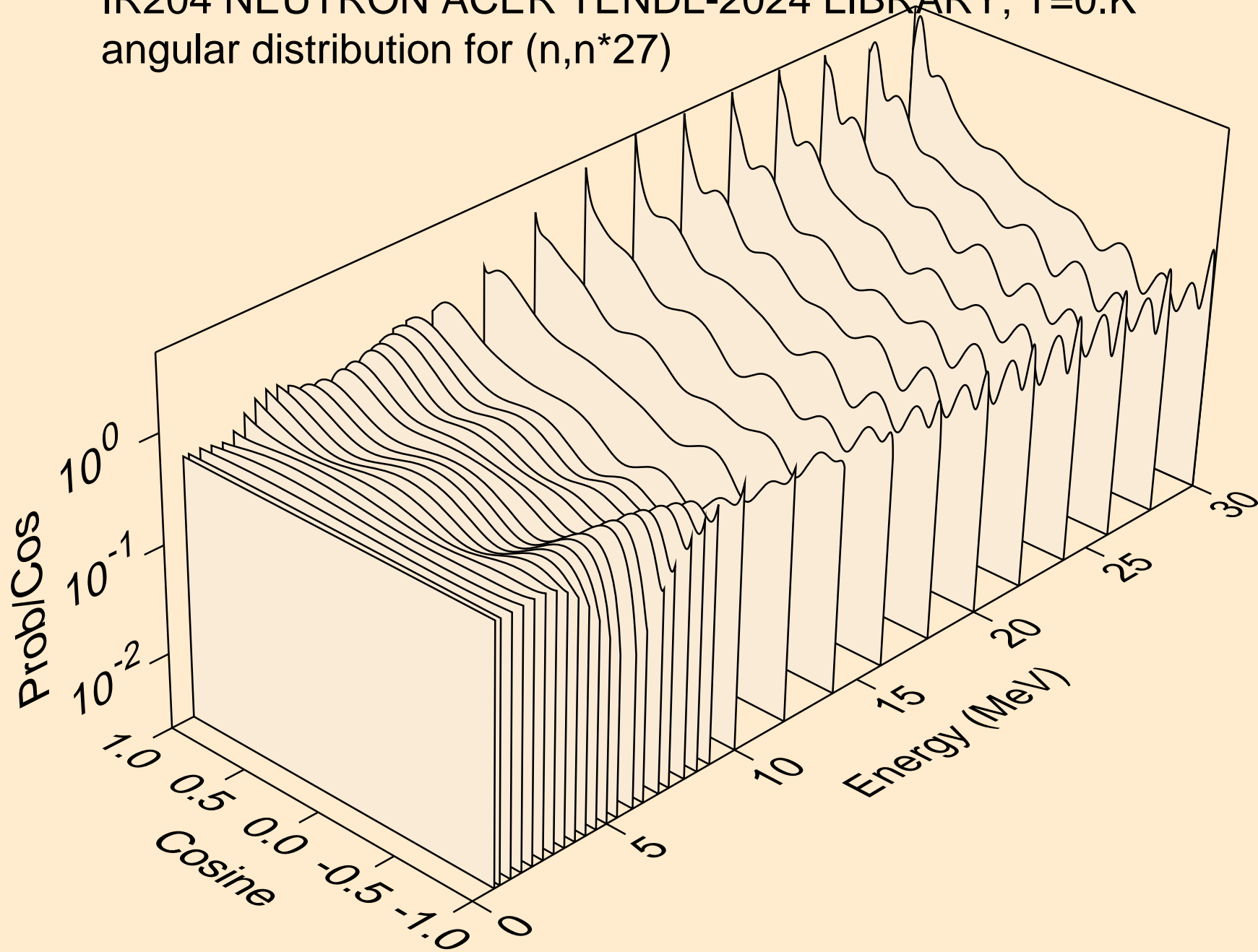
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



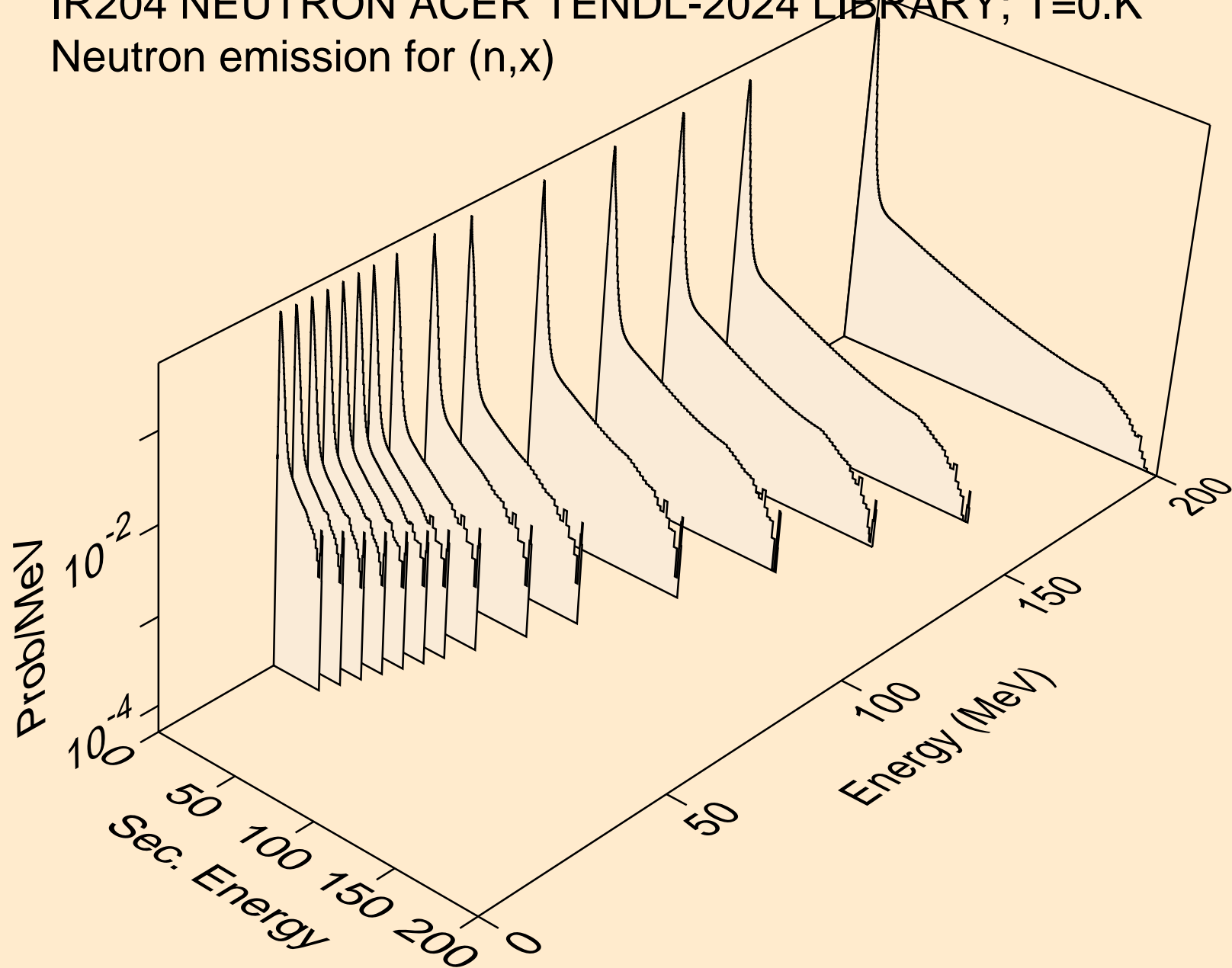
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)



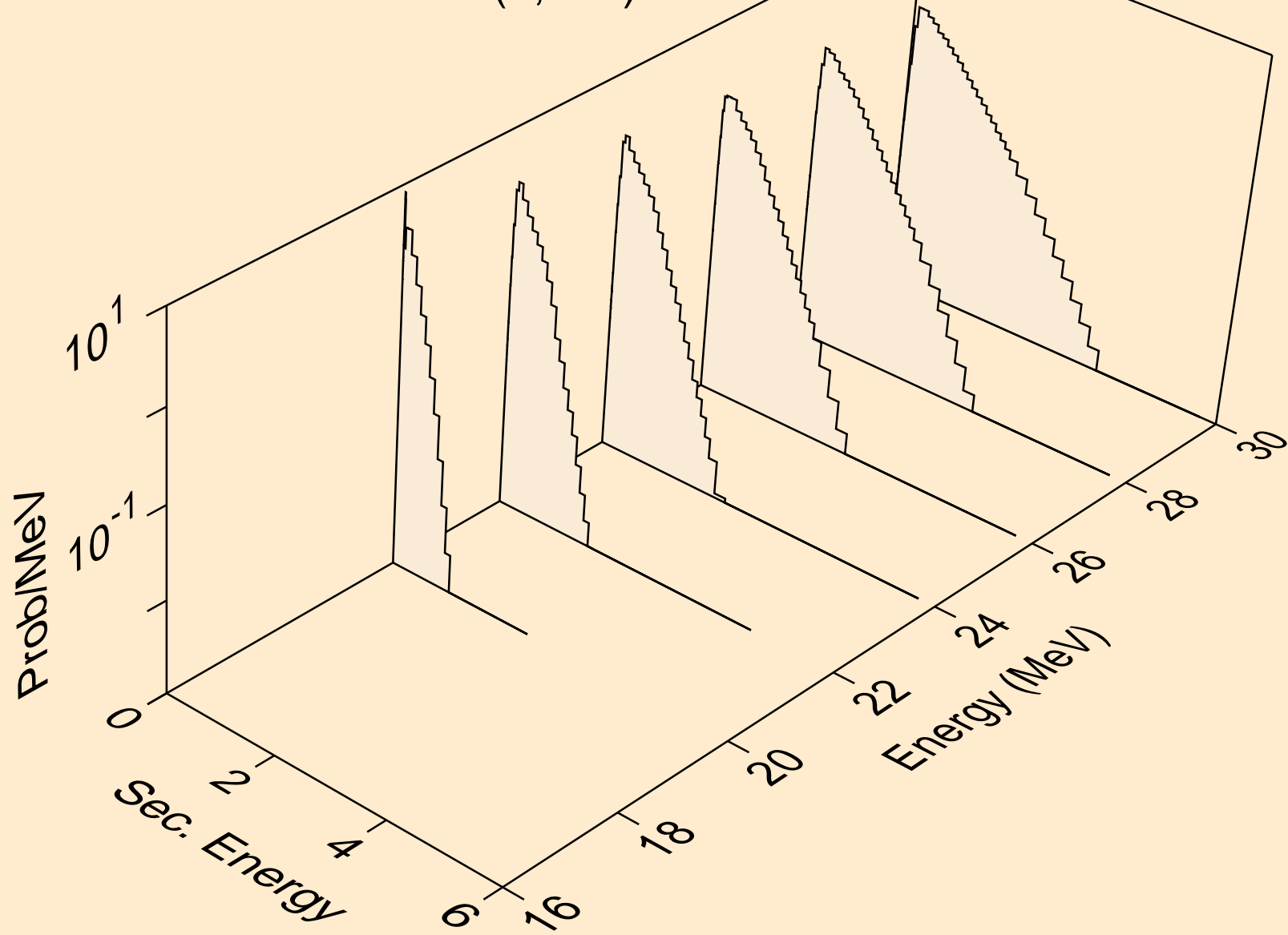
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)



IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)

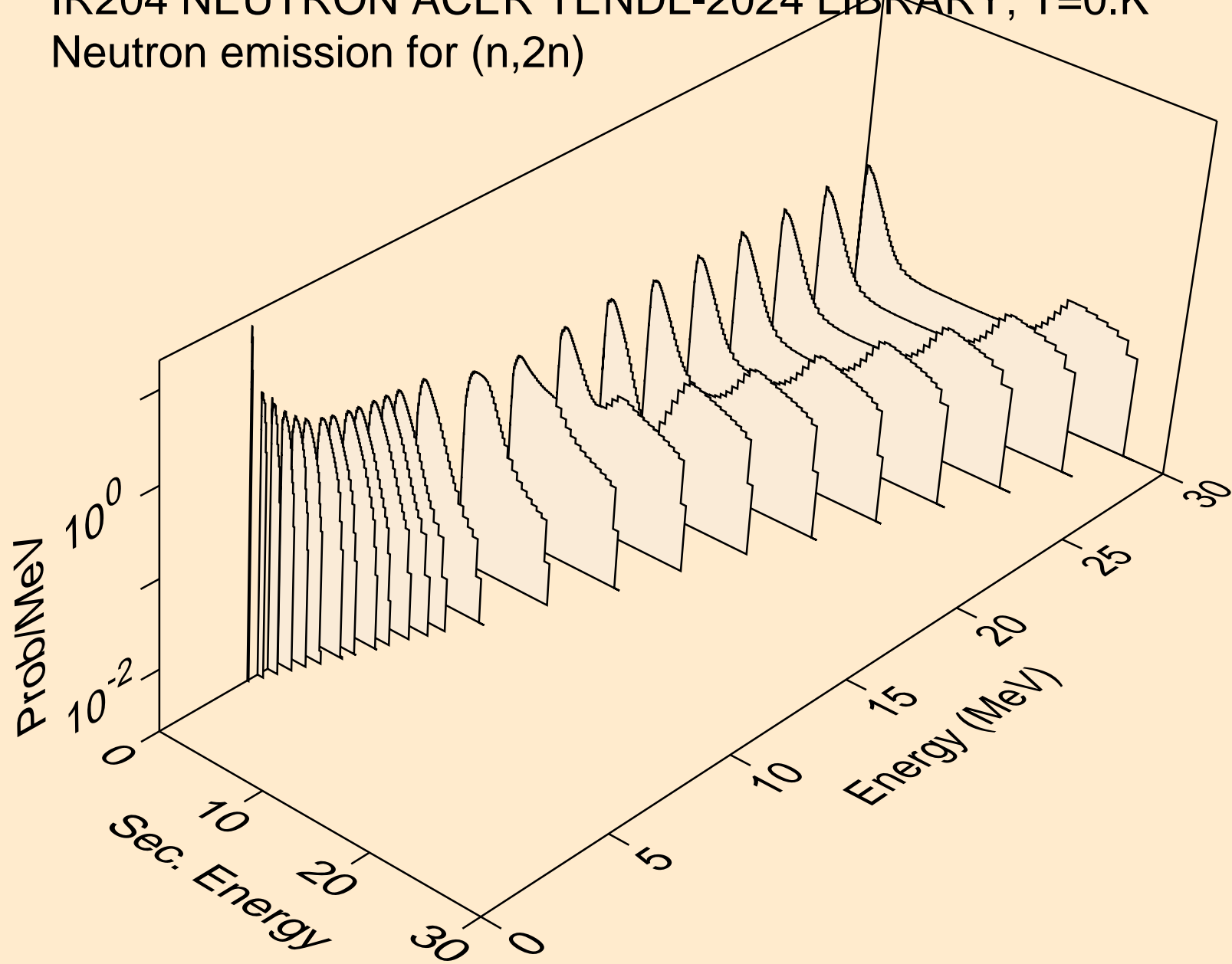


IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)

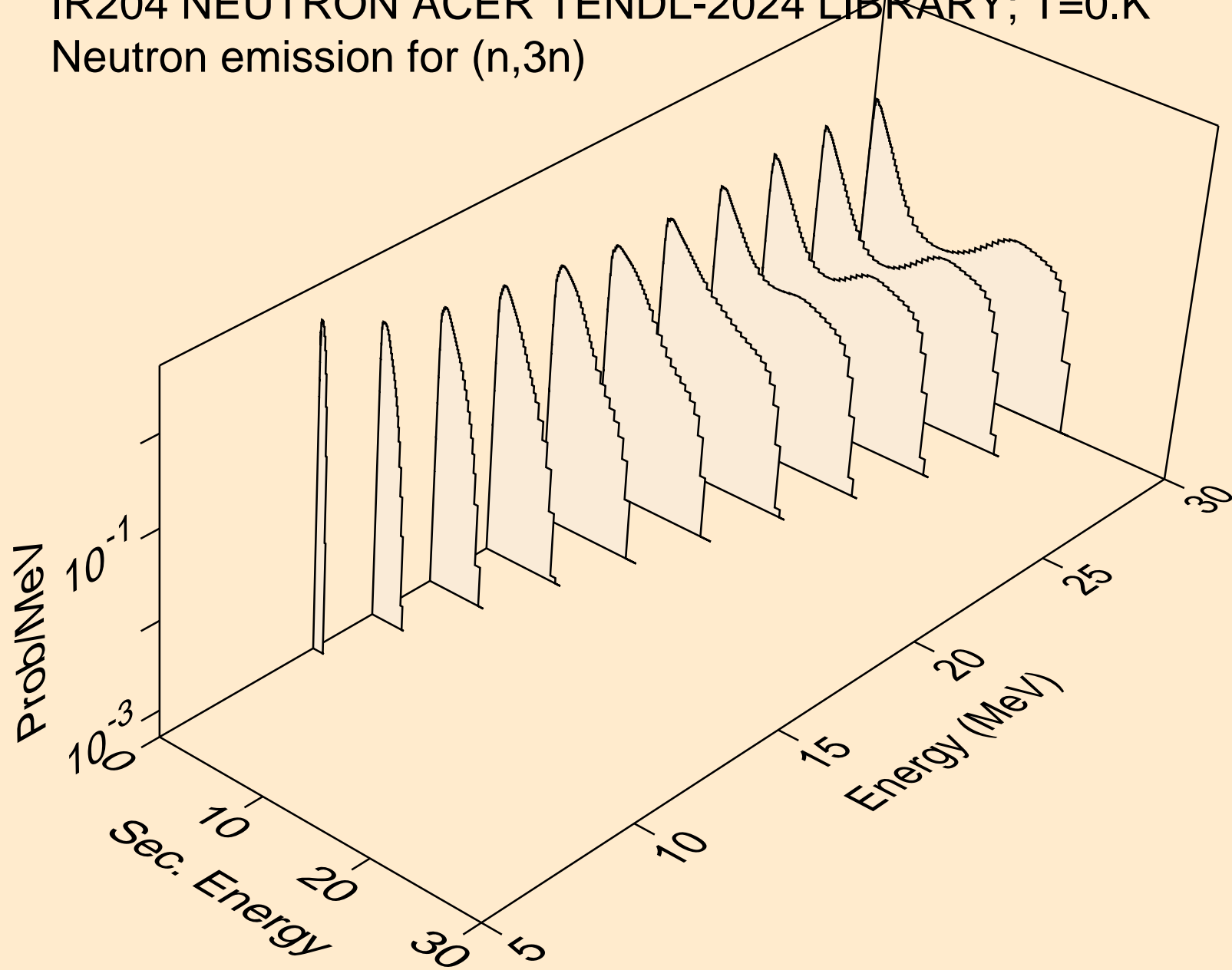




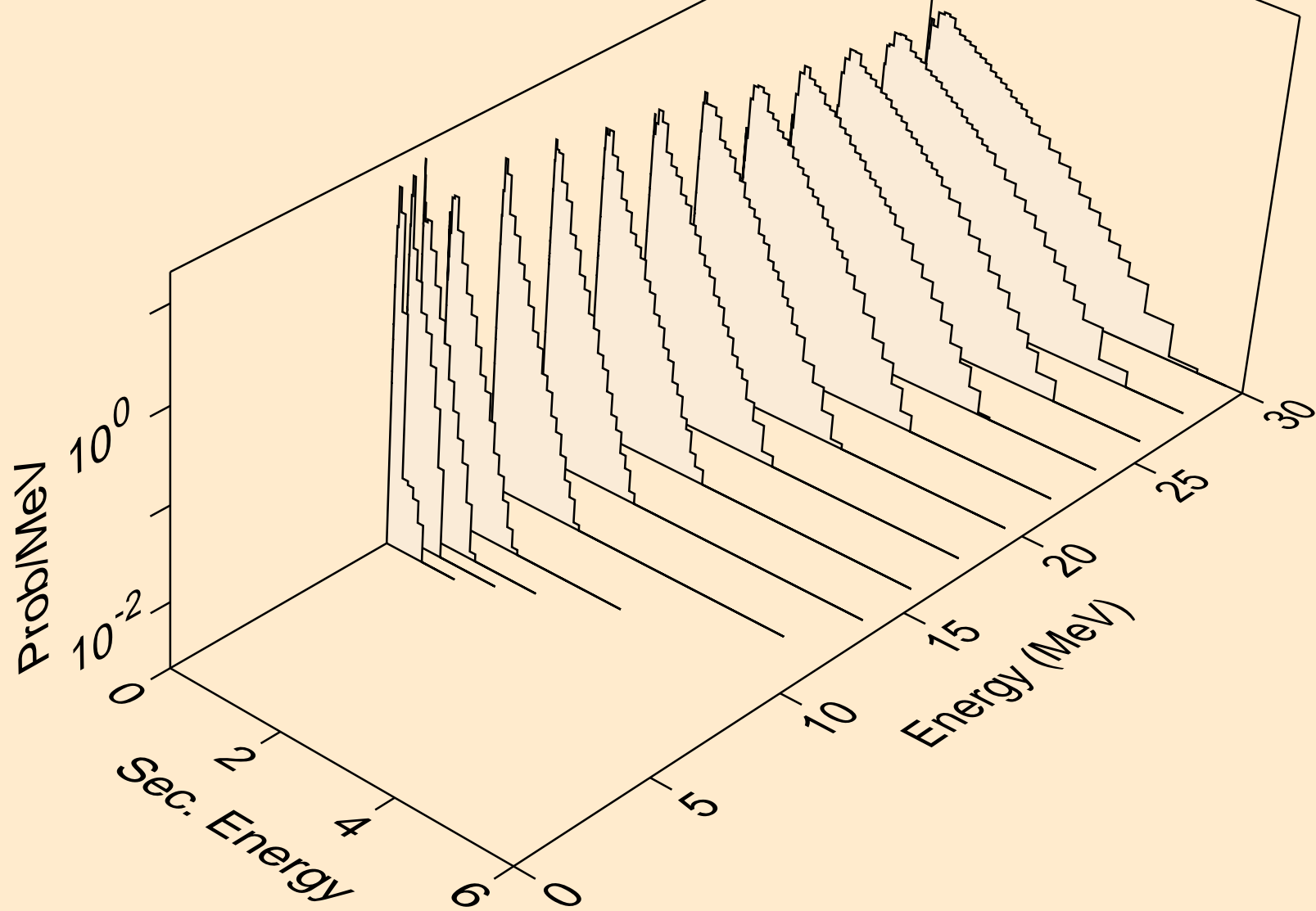
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



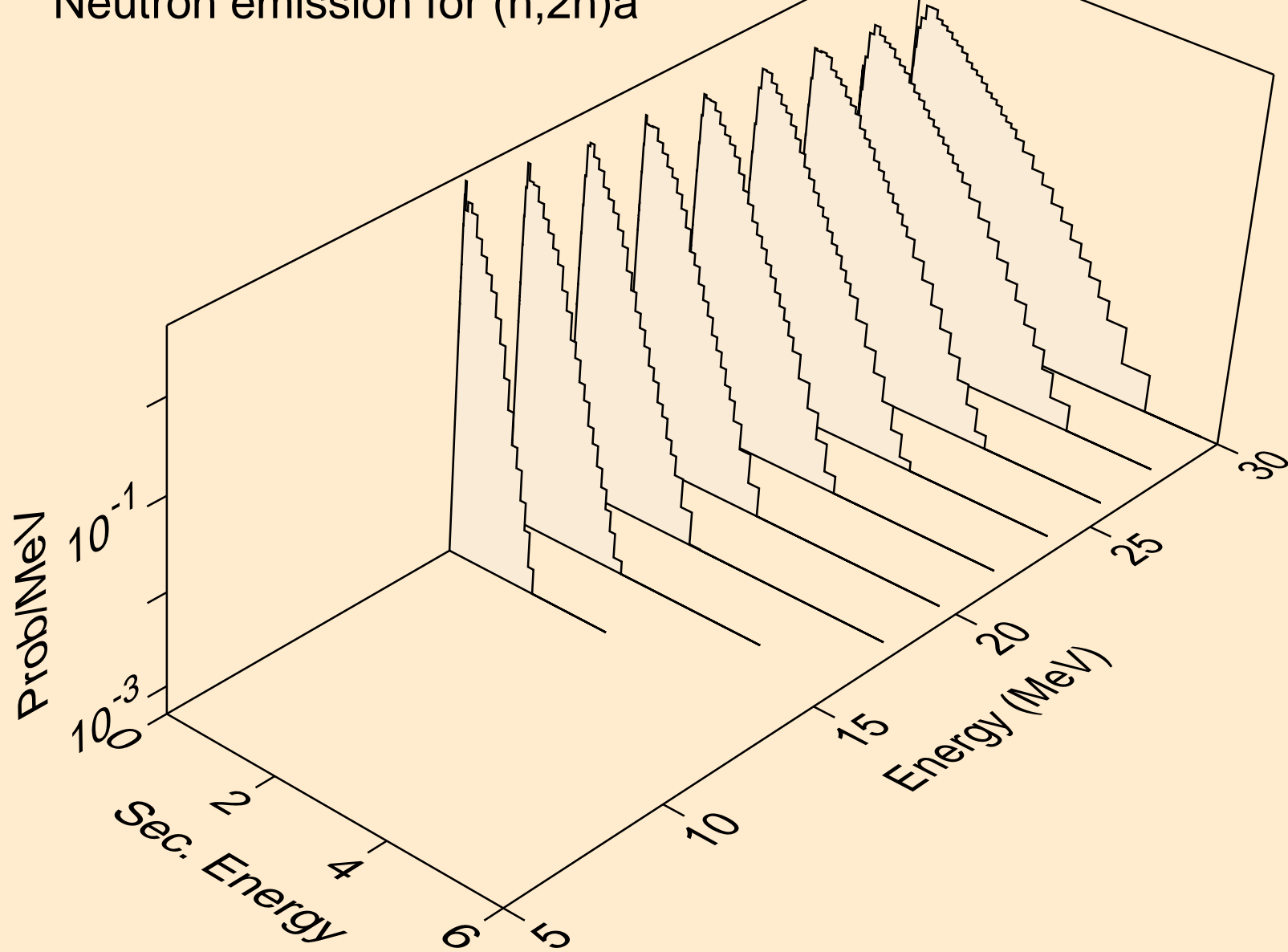
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



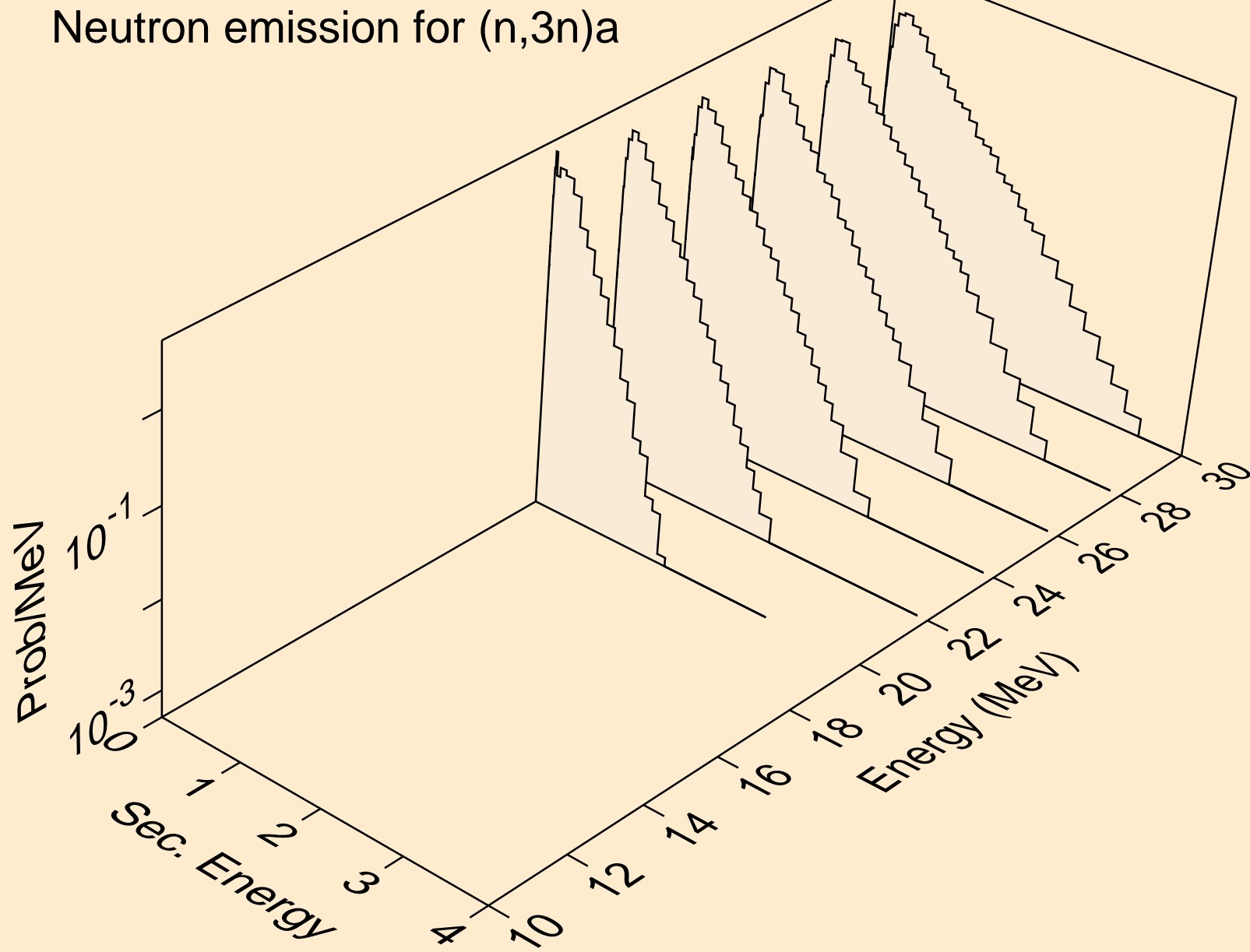
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



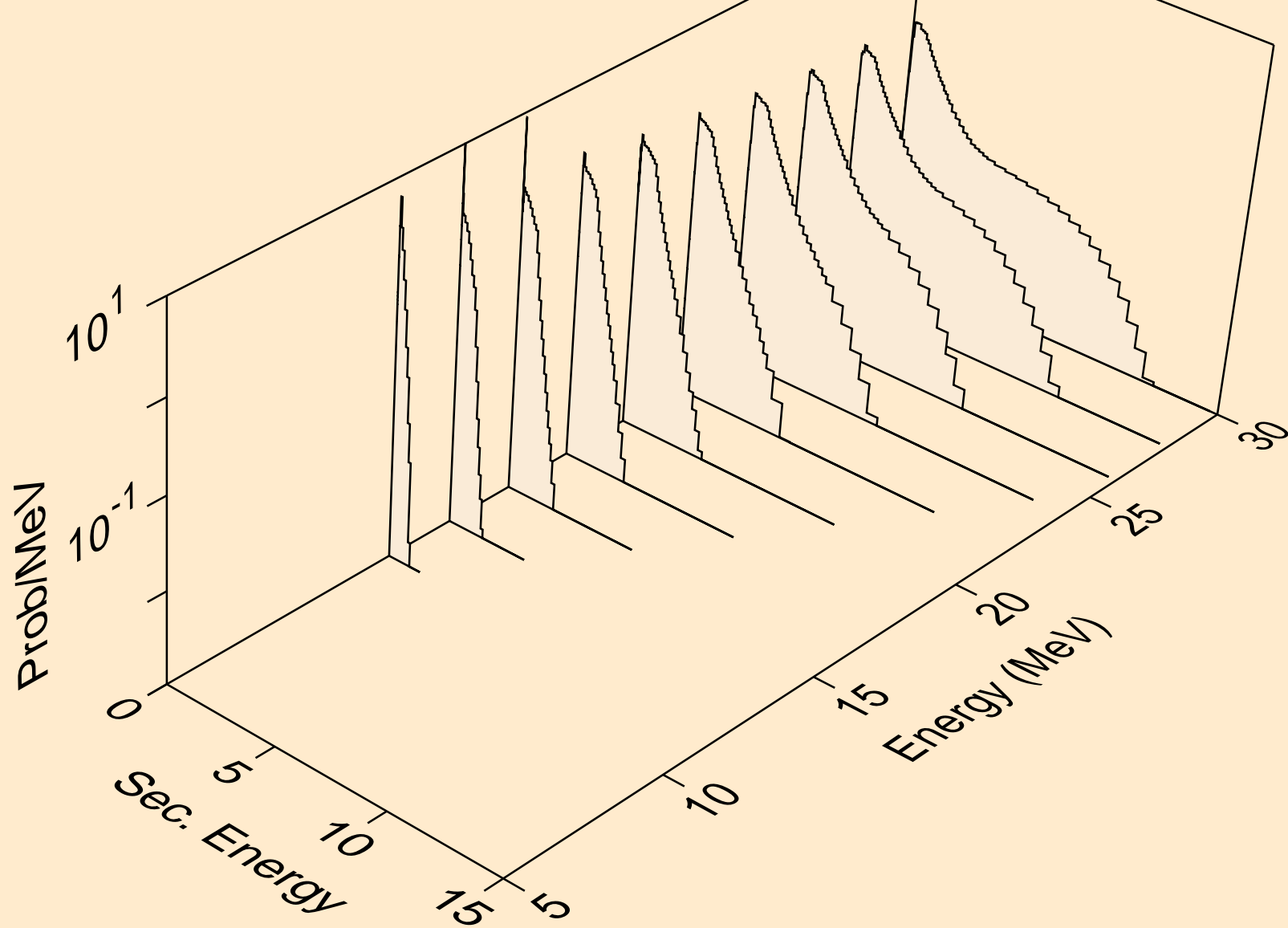
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



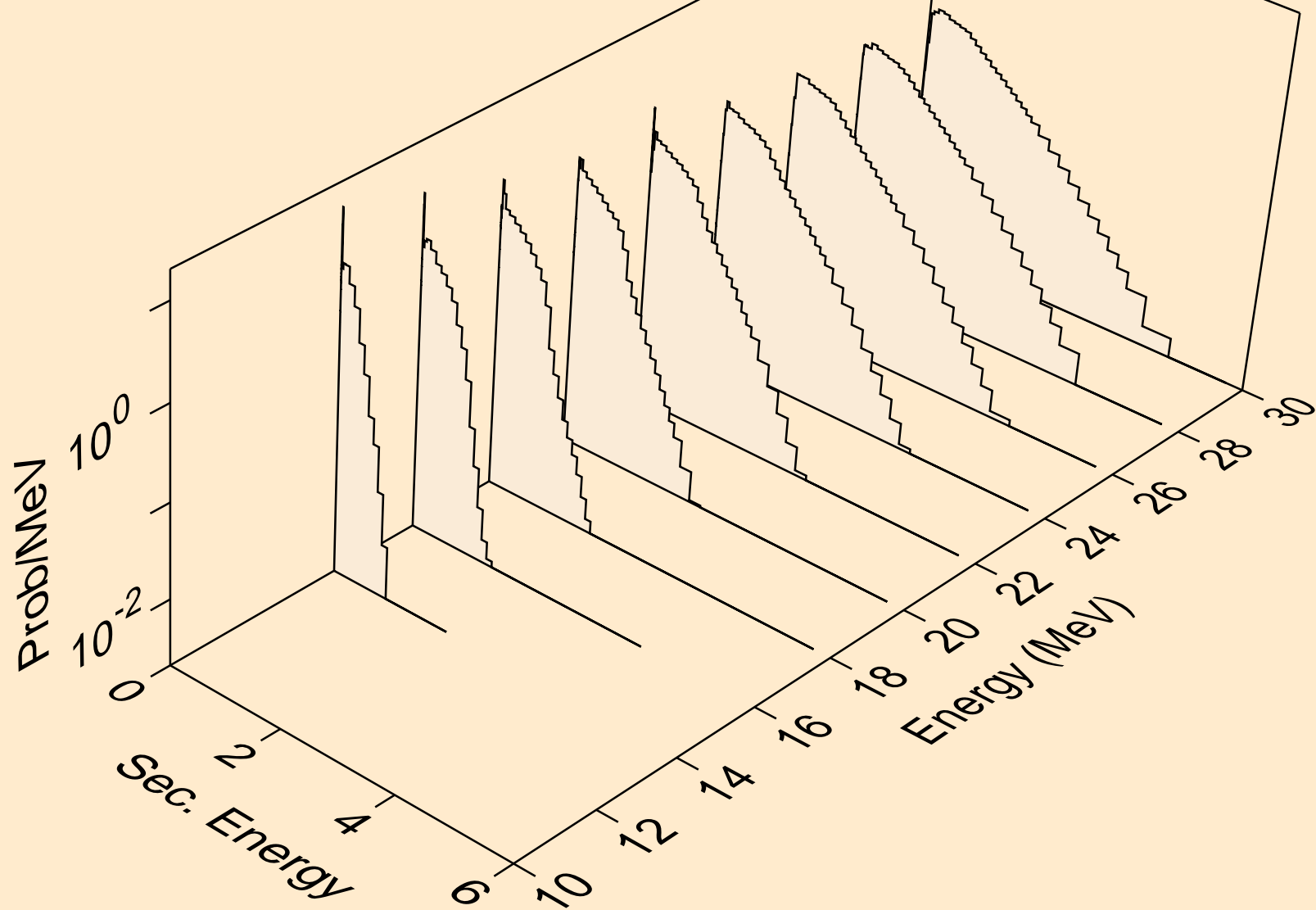
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



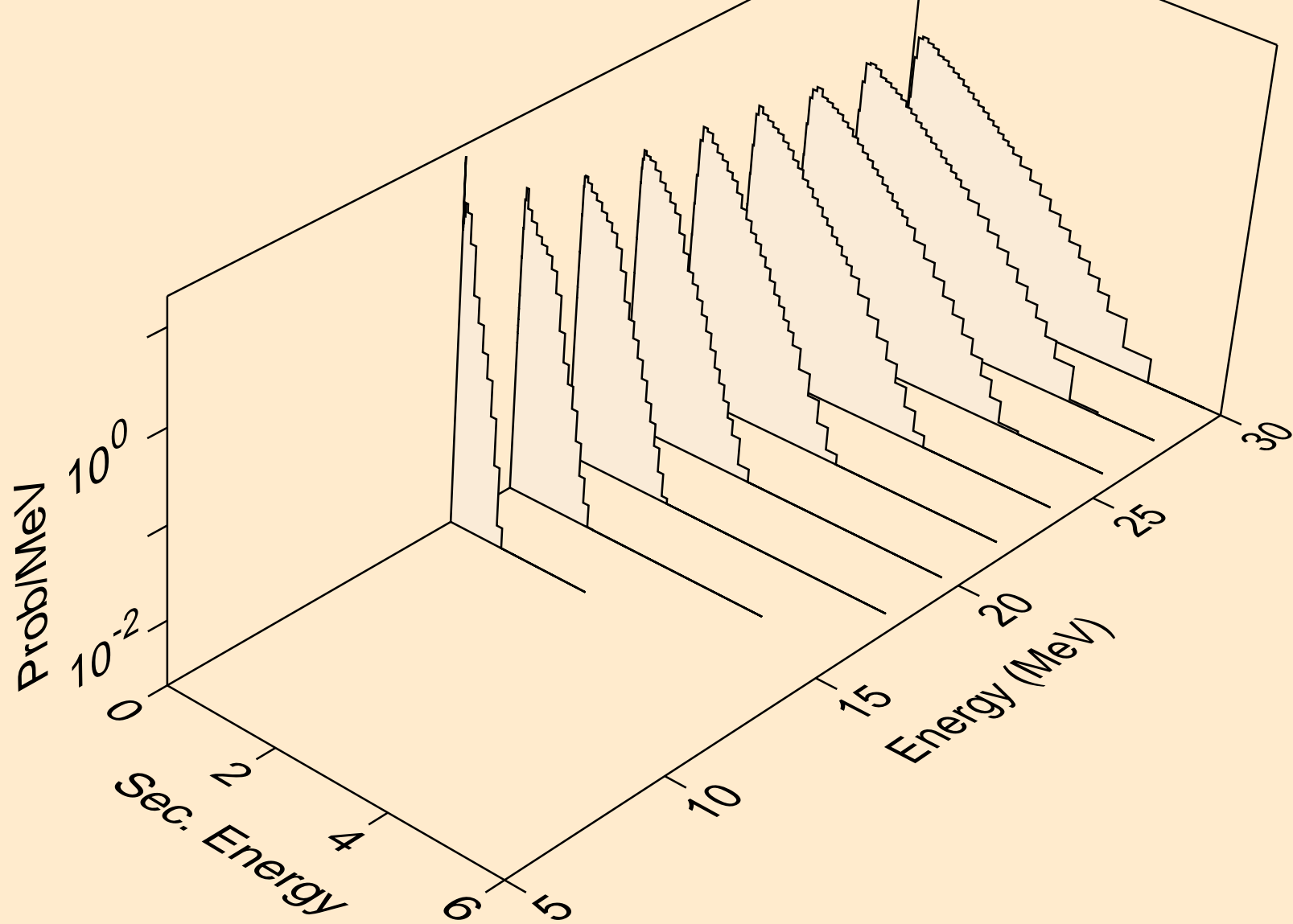
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d

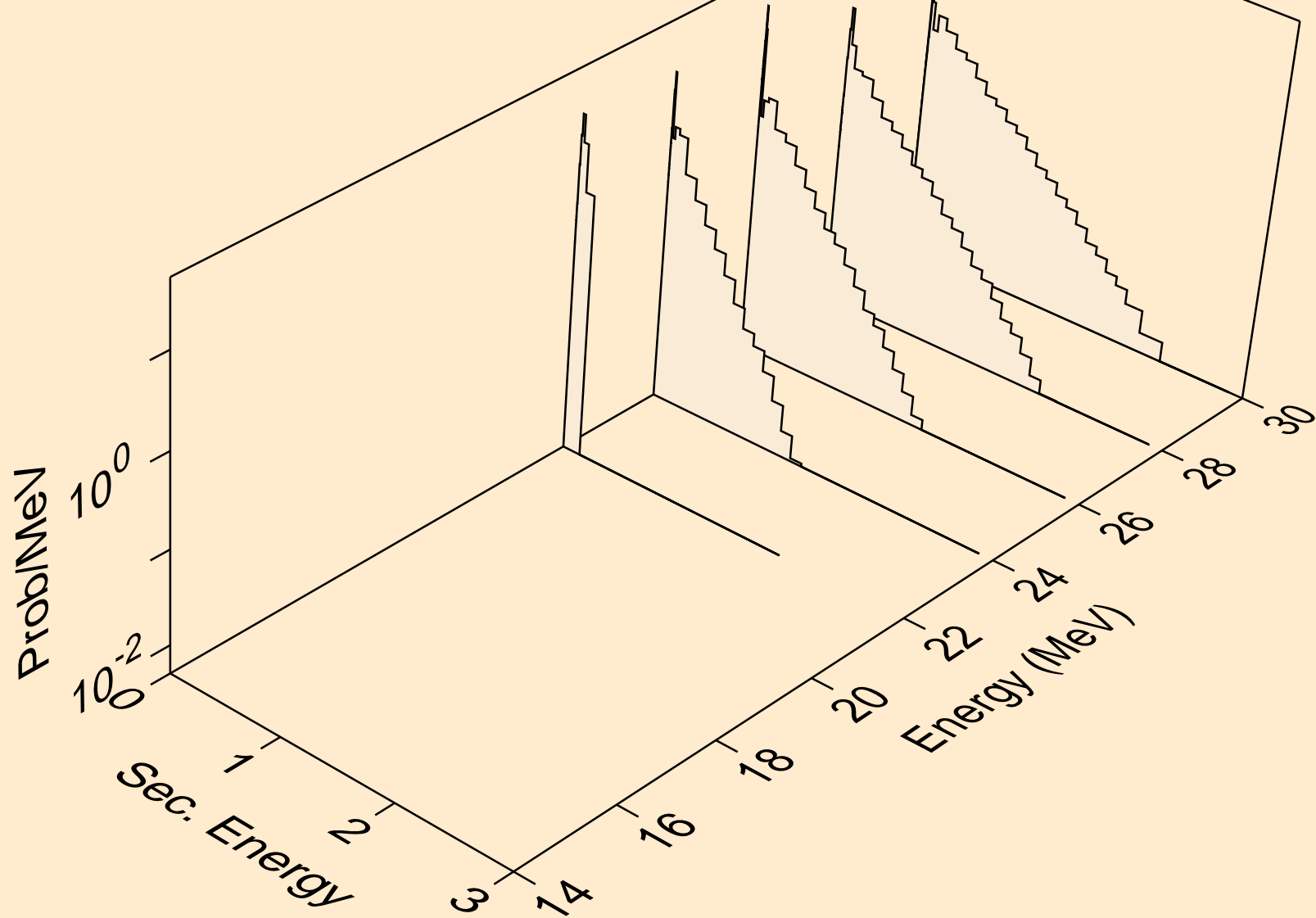


IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t

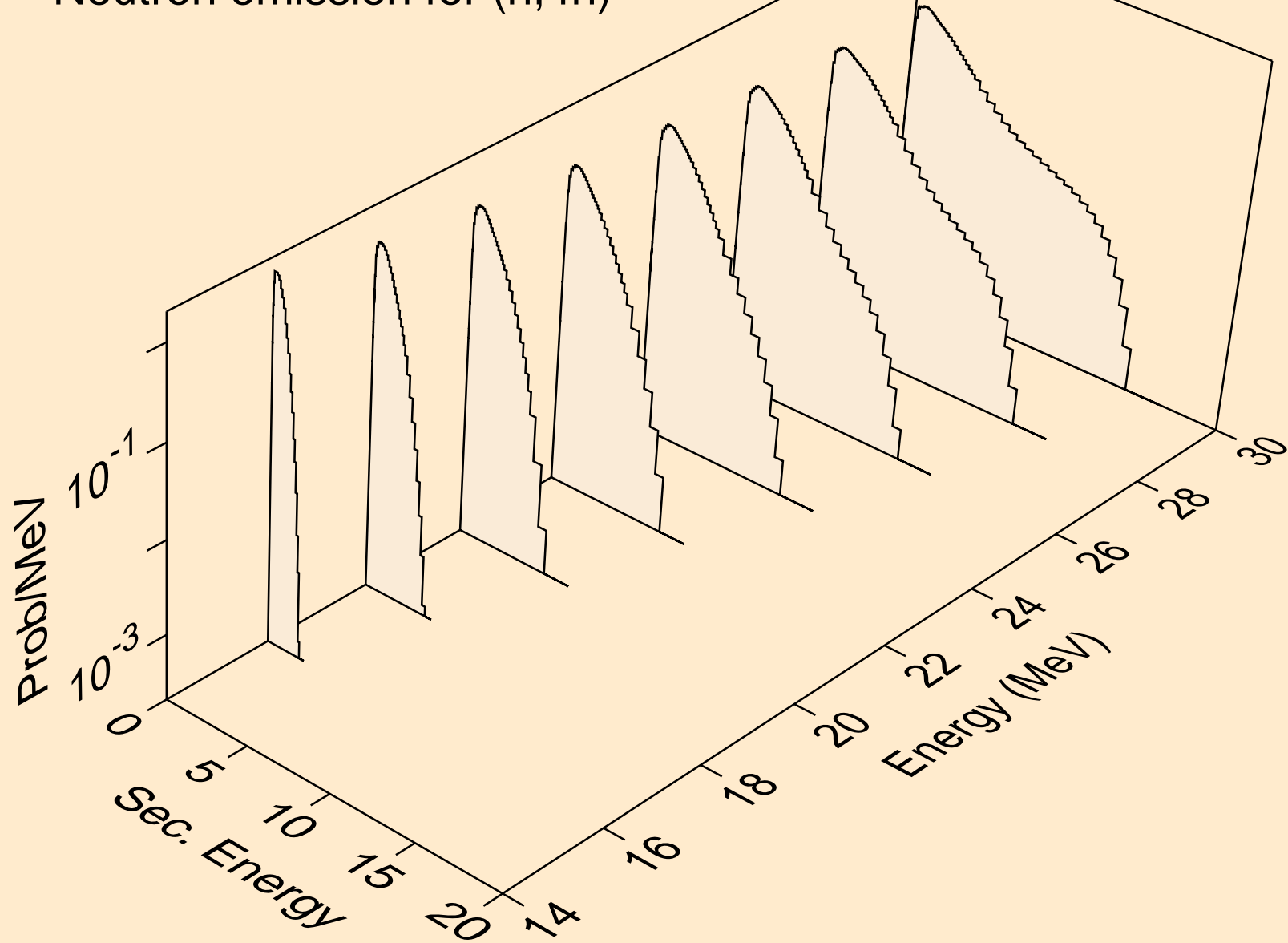




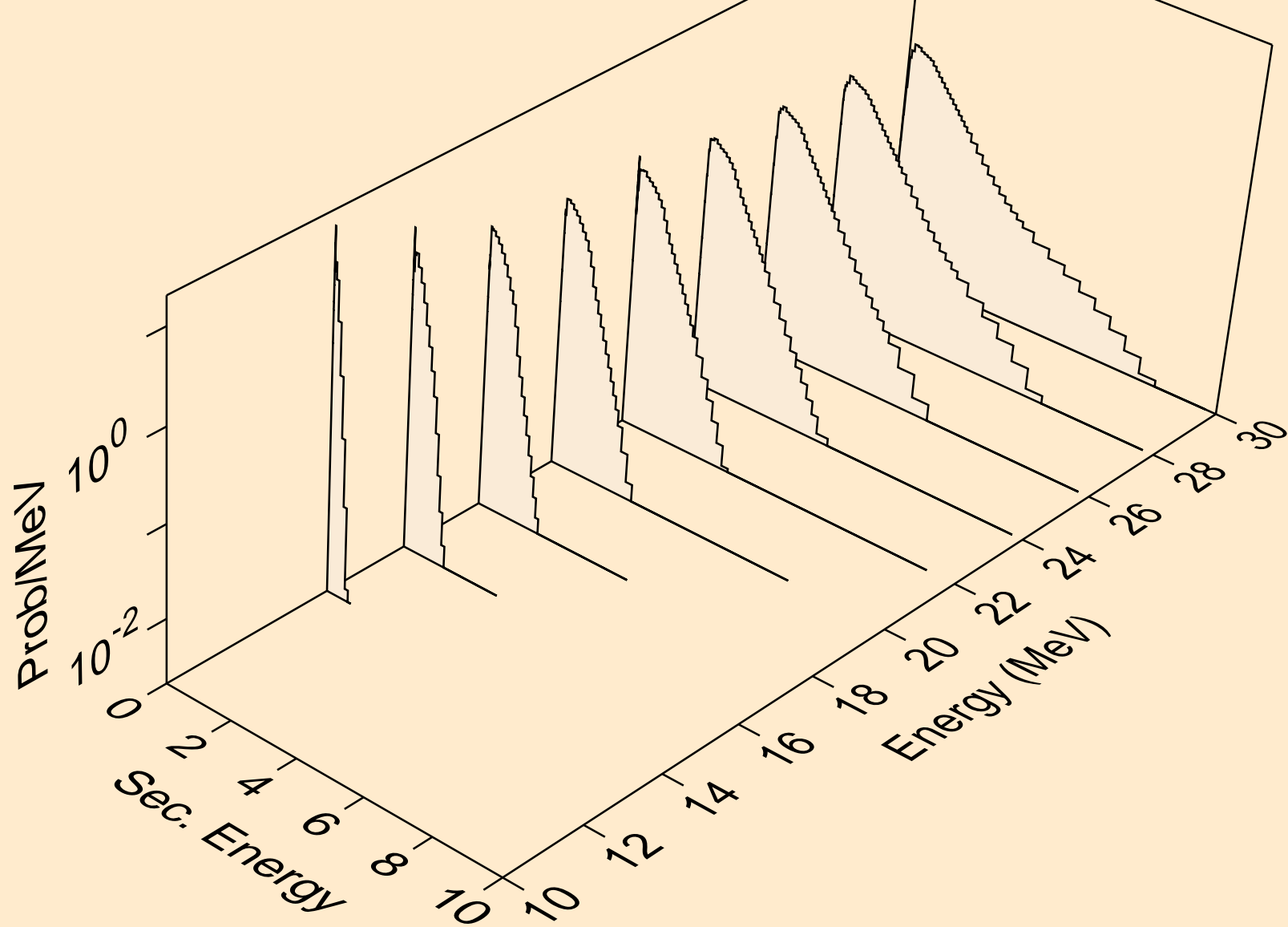
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



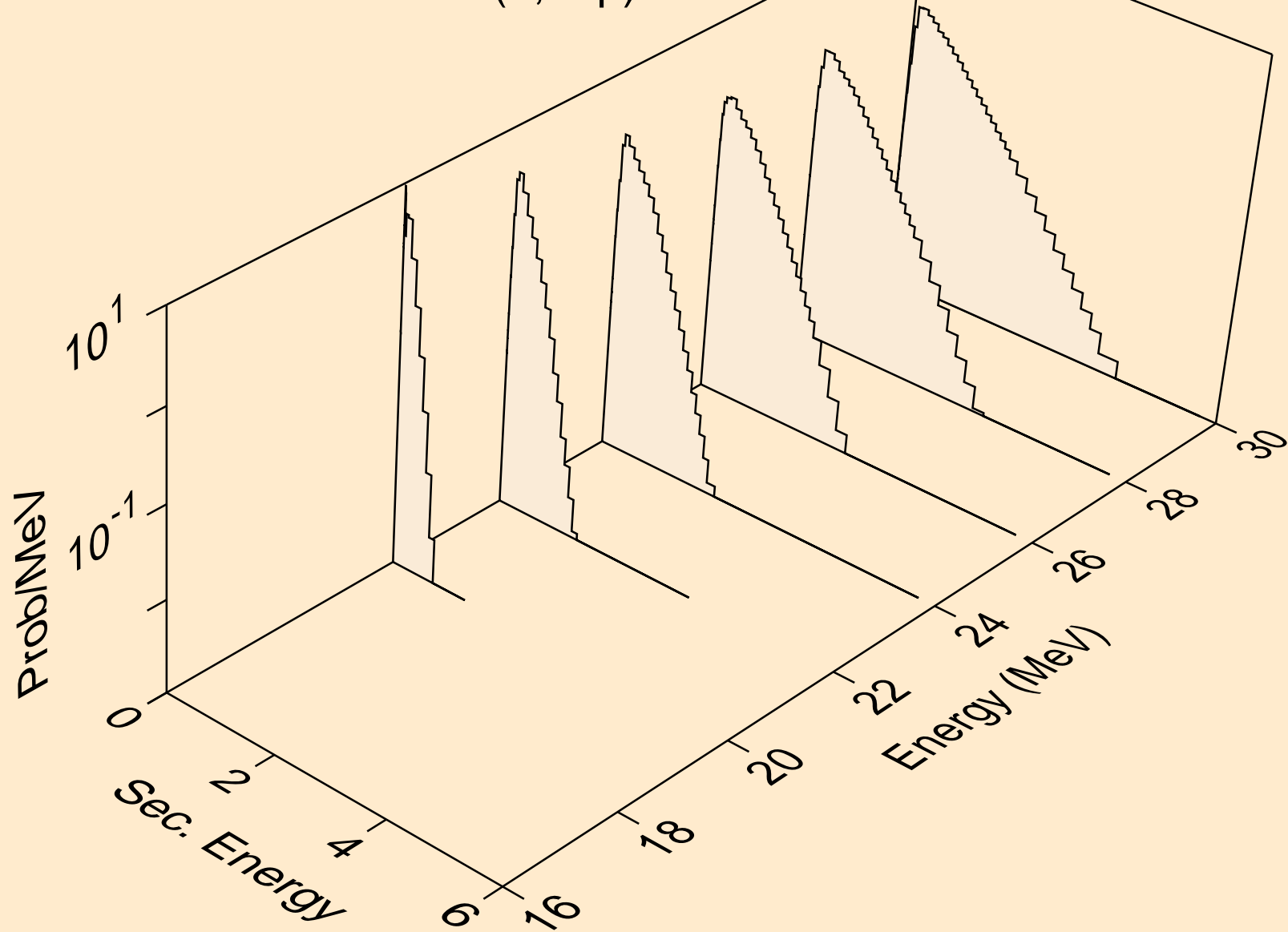
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



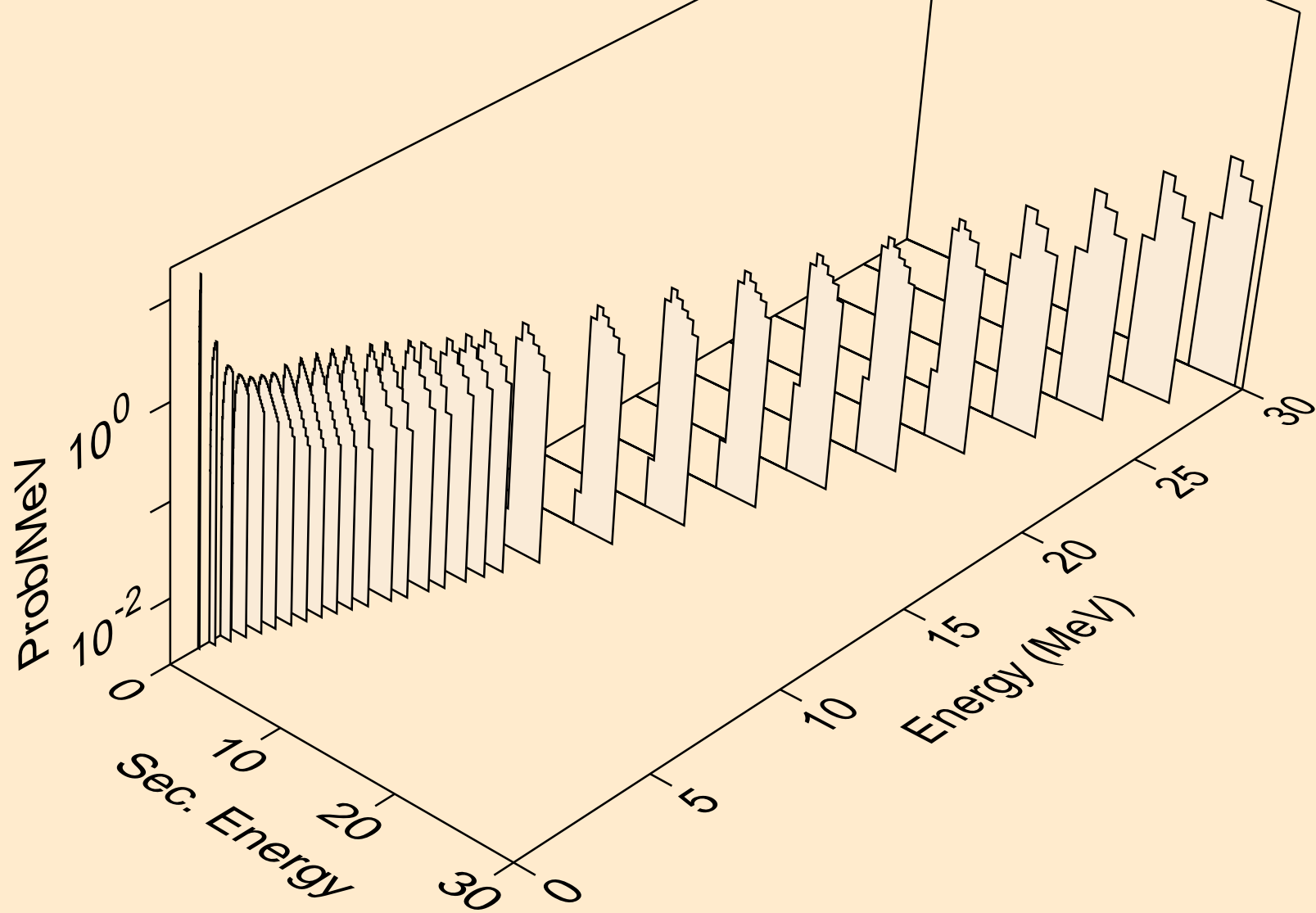
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



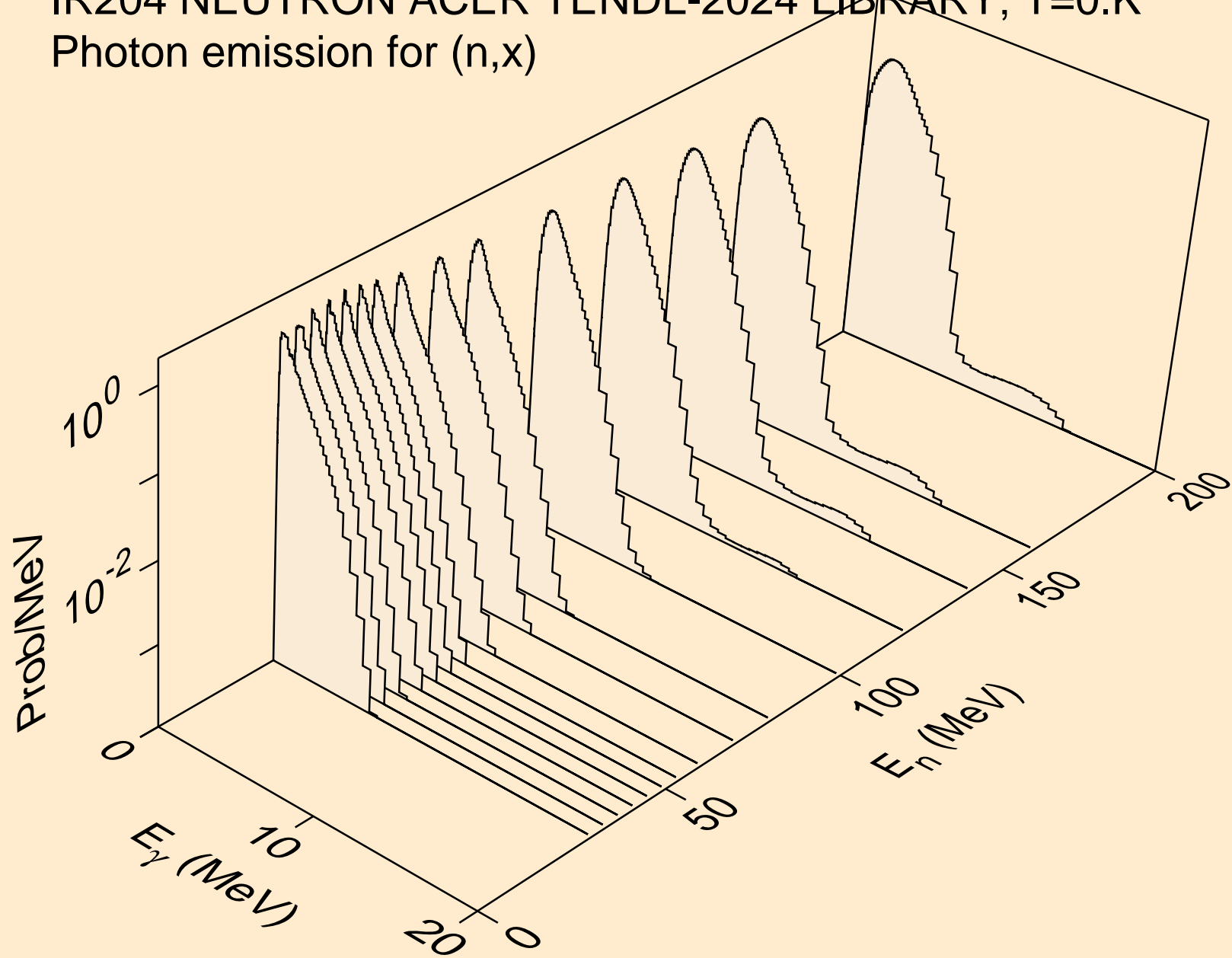
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



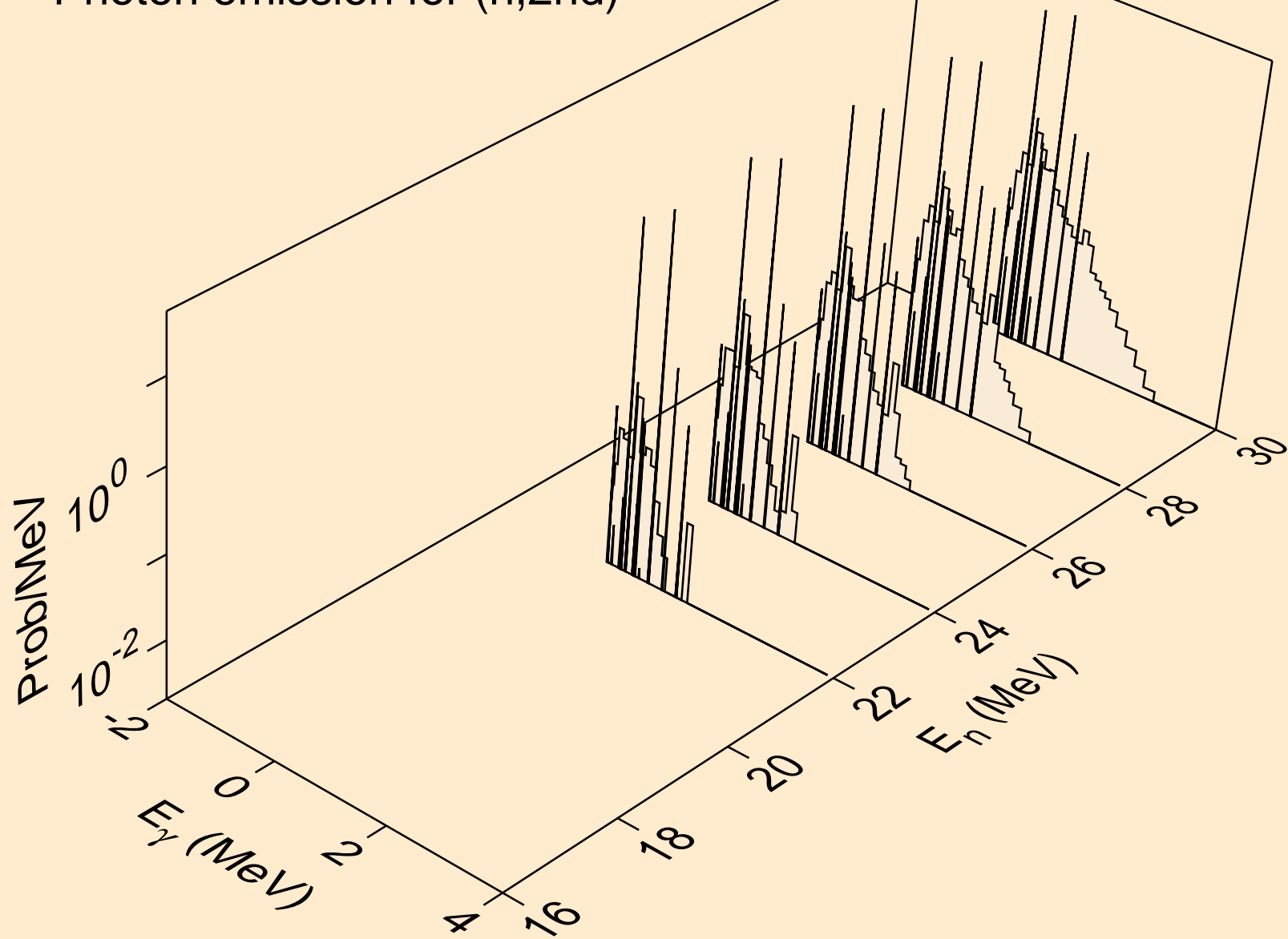
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



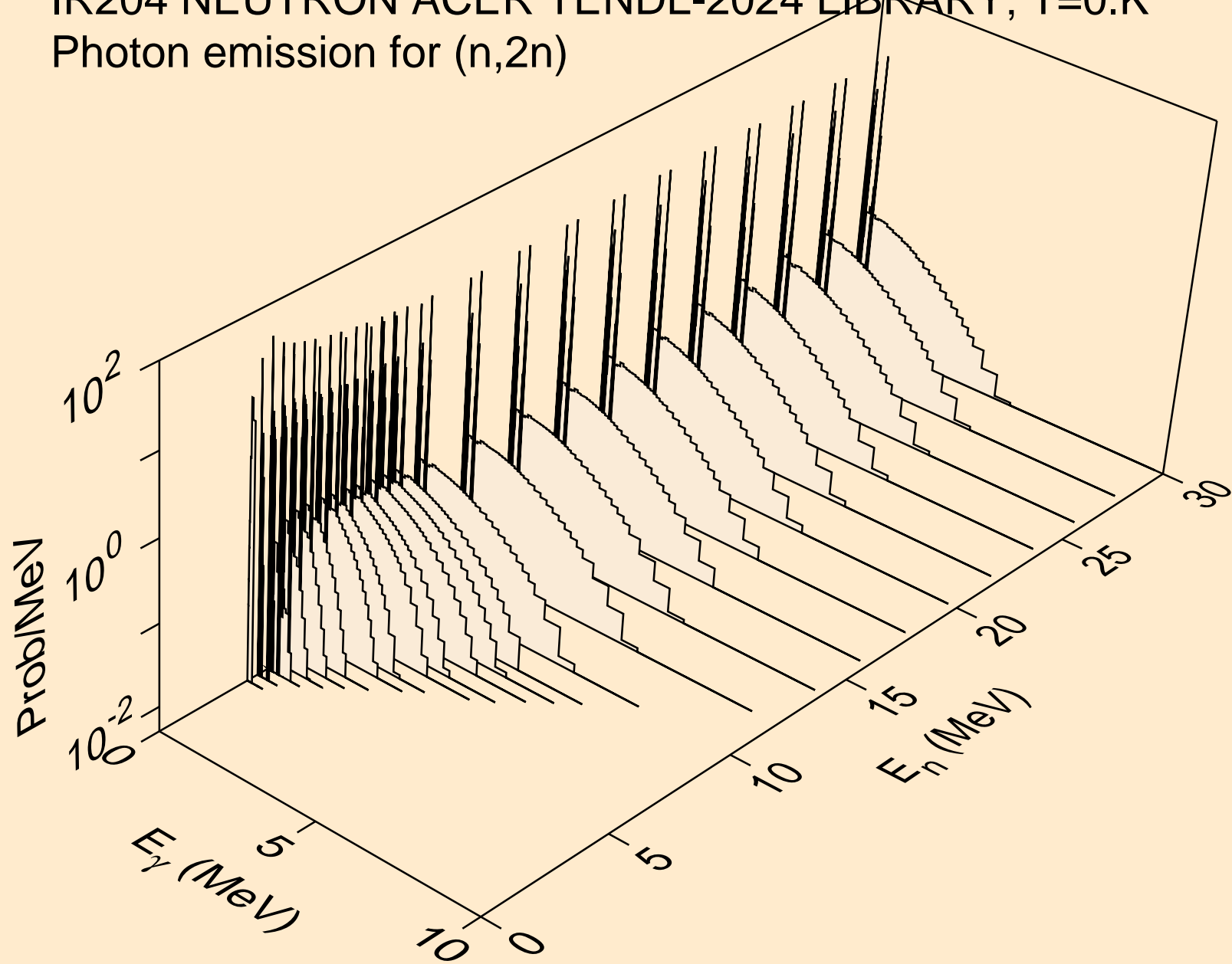
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)

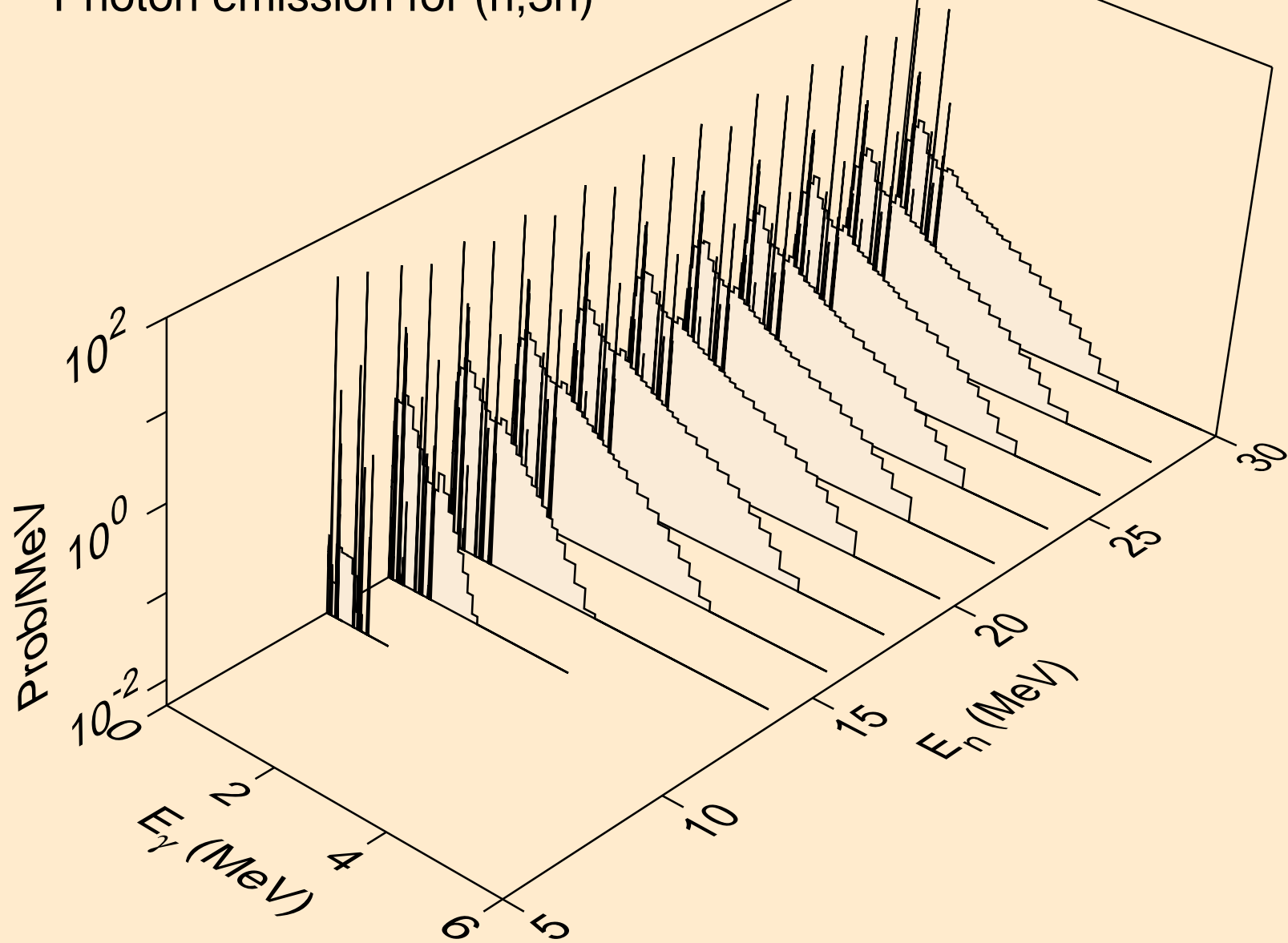


IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)

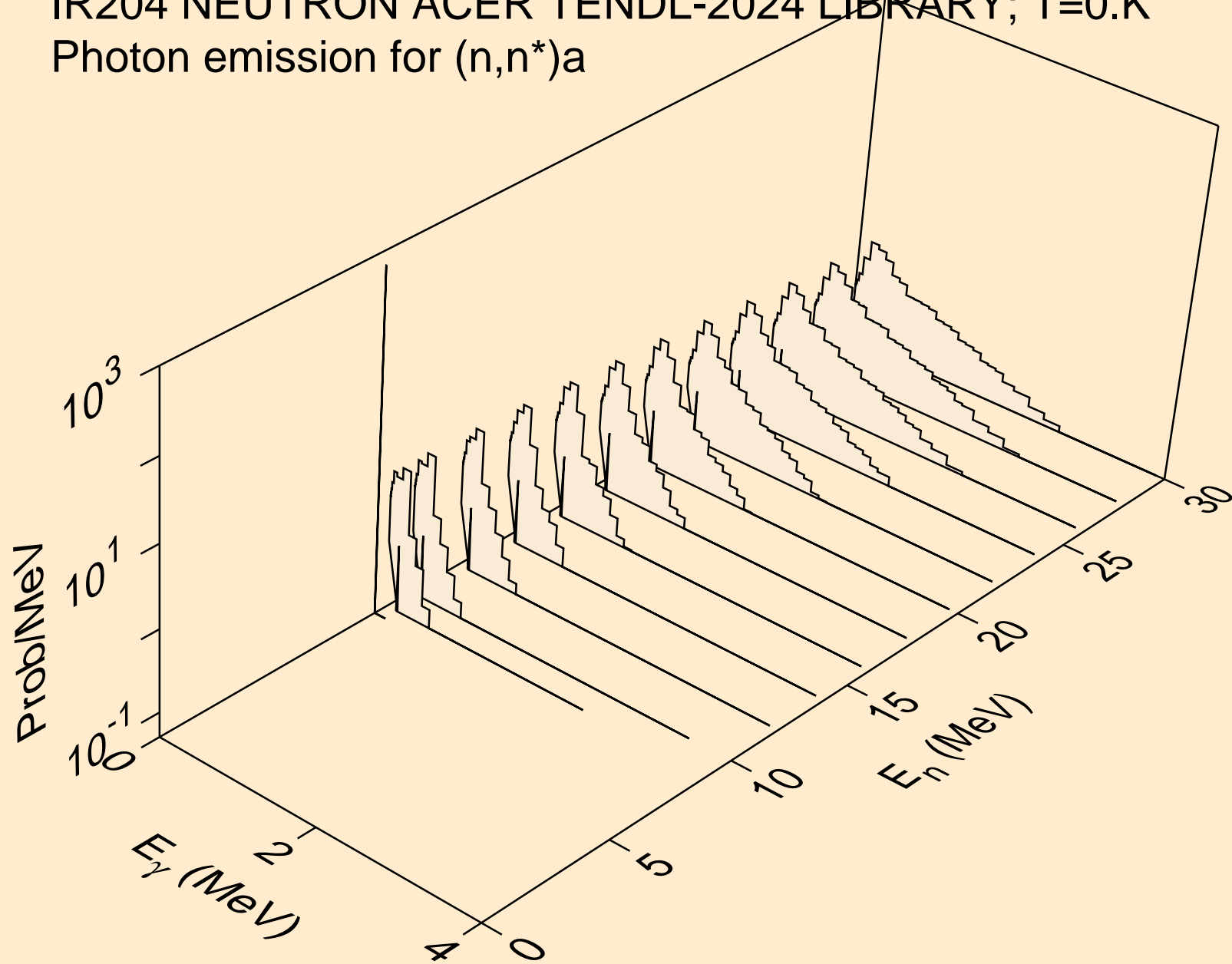




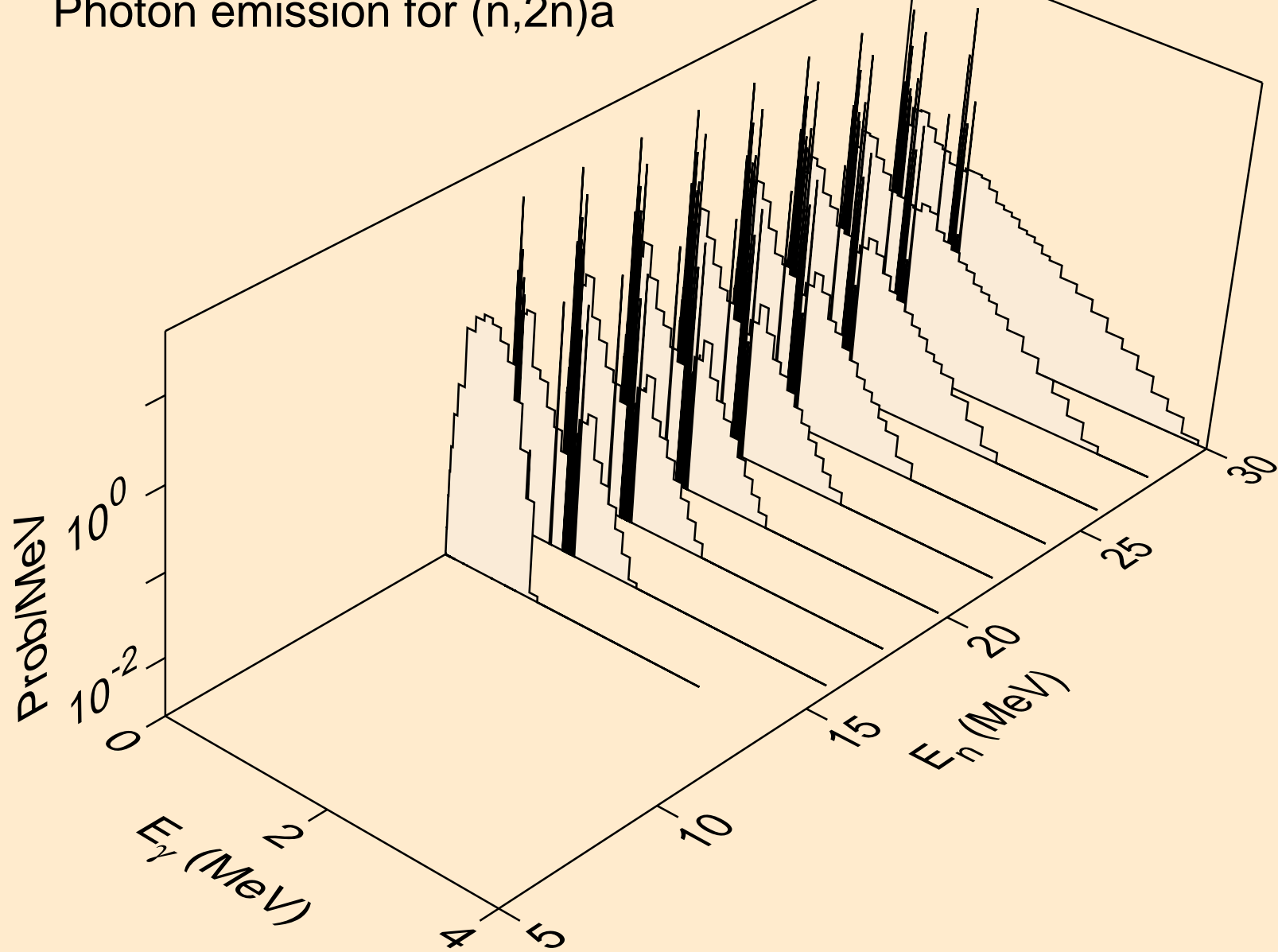
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



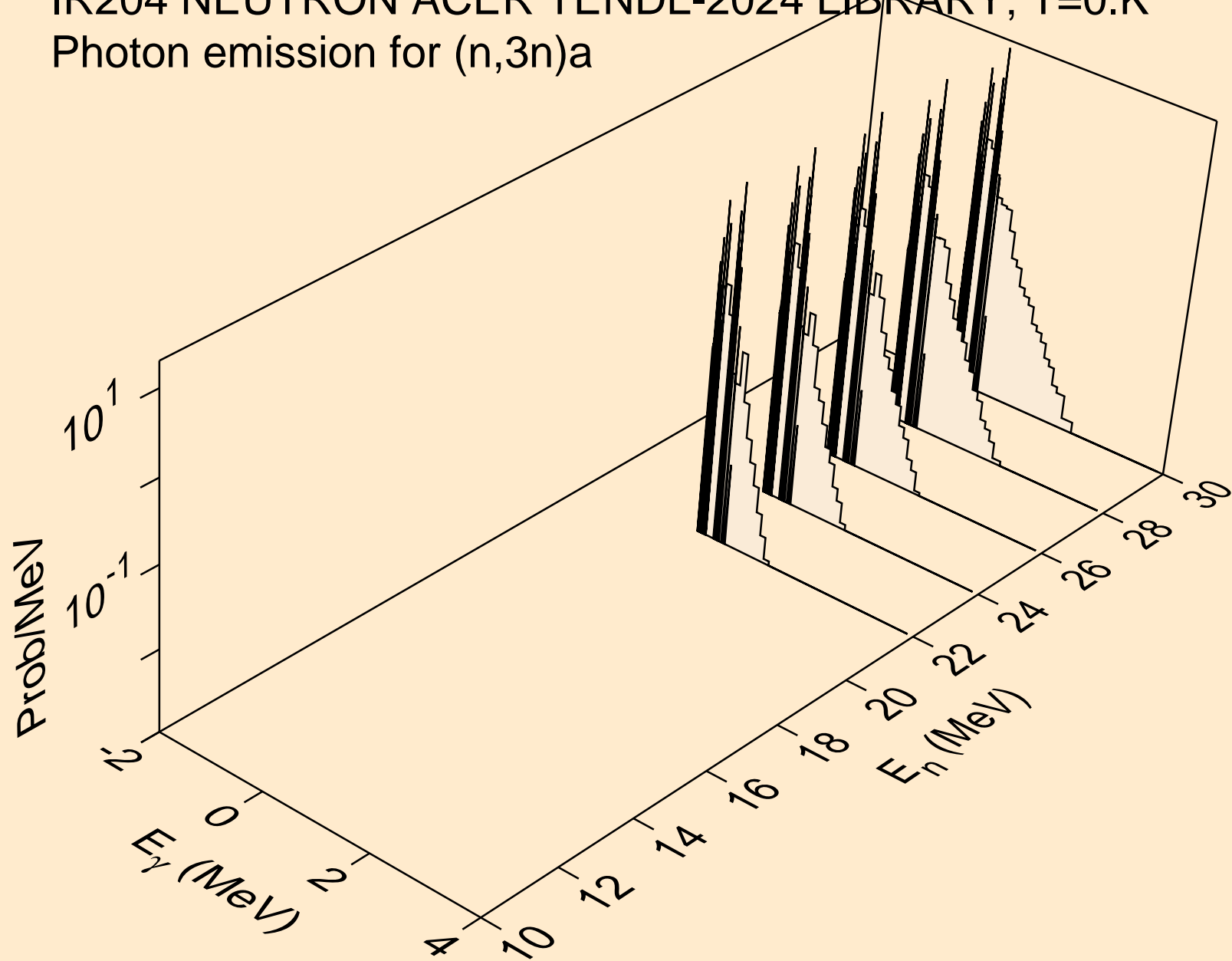
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



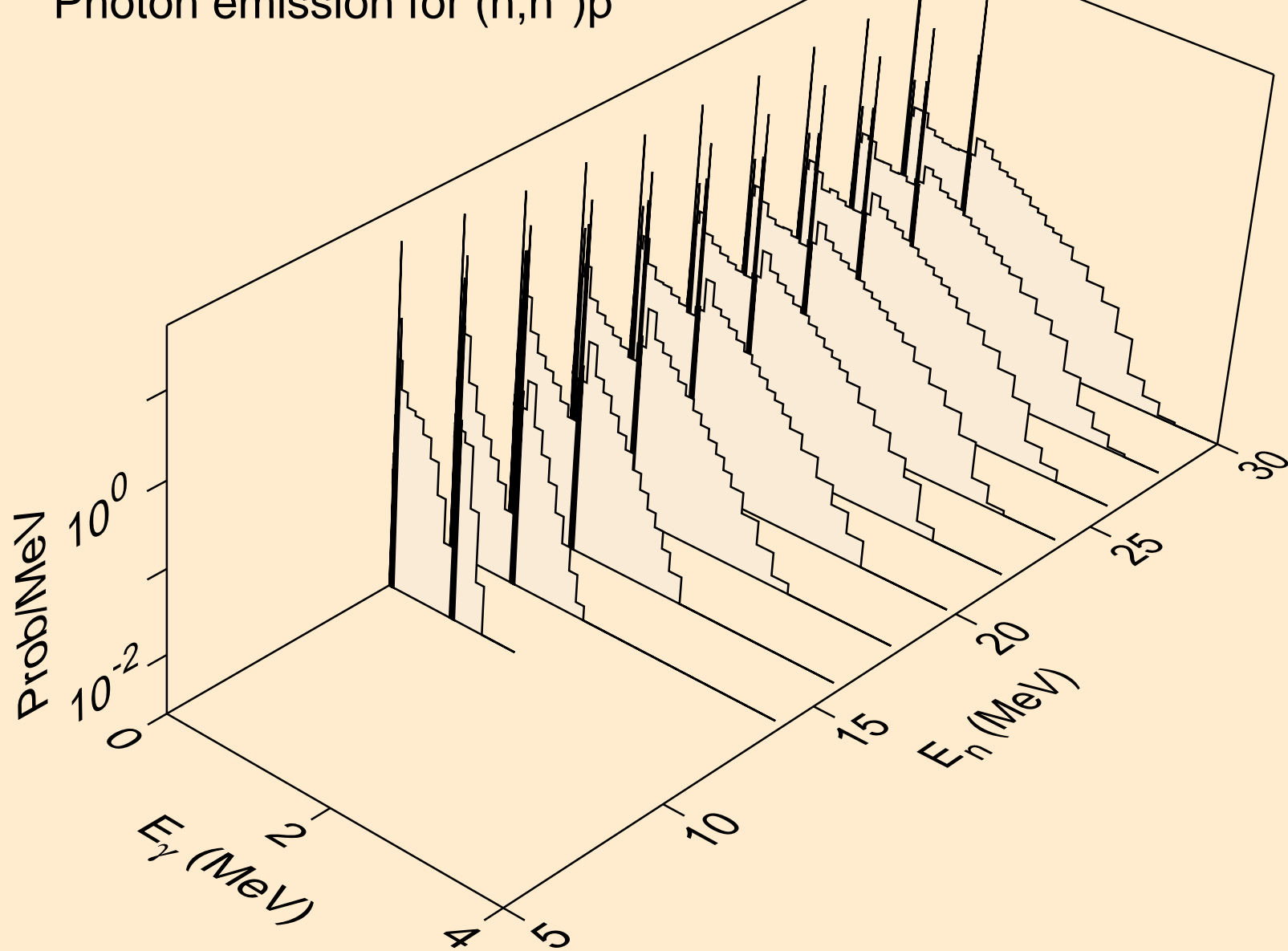
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



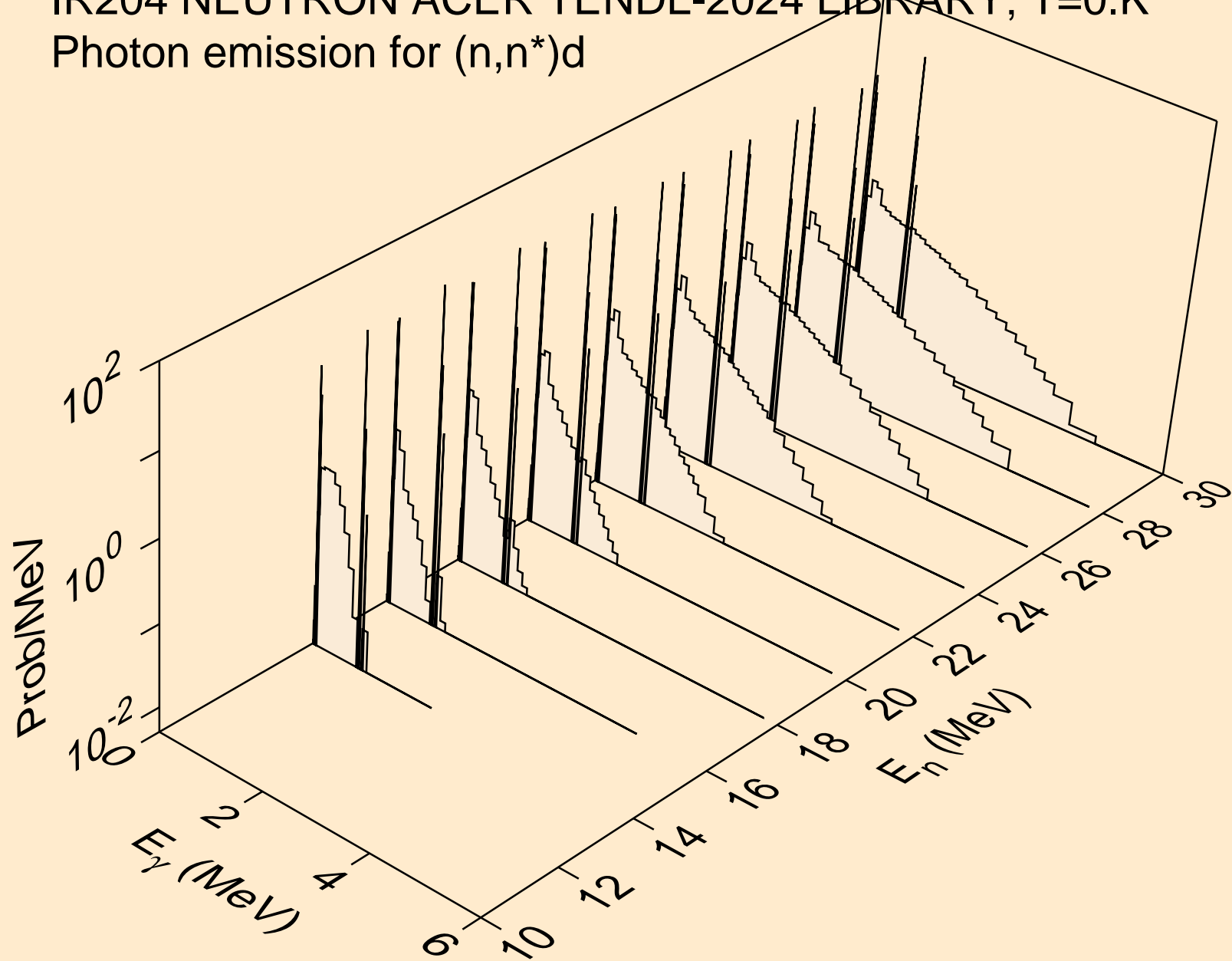
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a



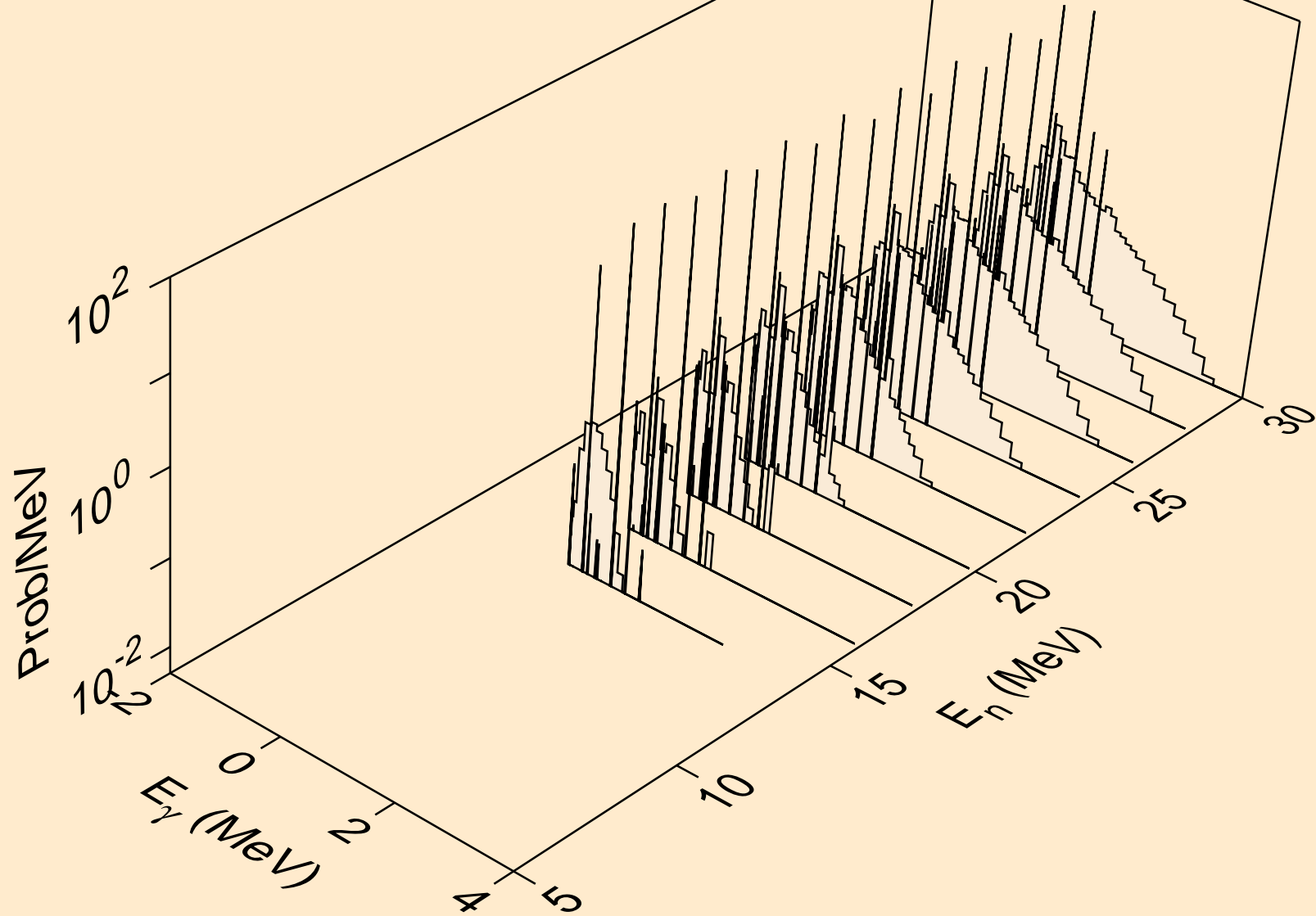
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



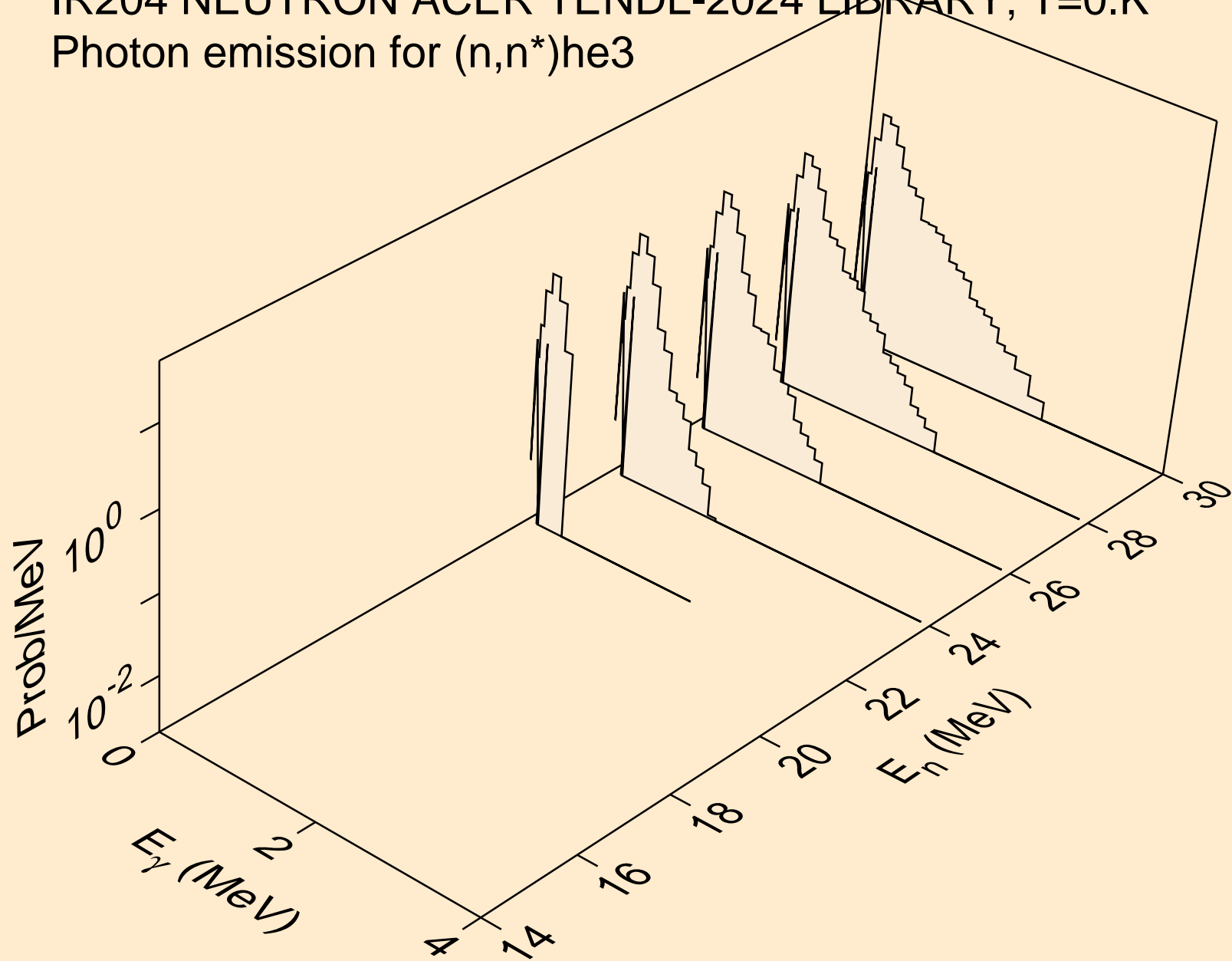
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

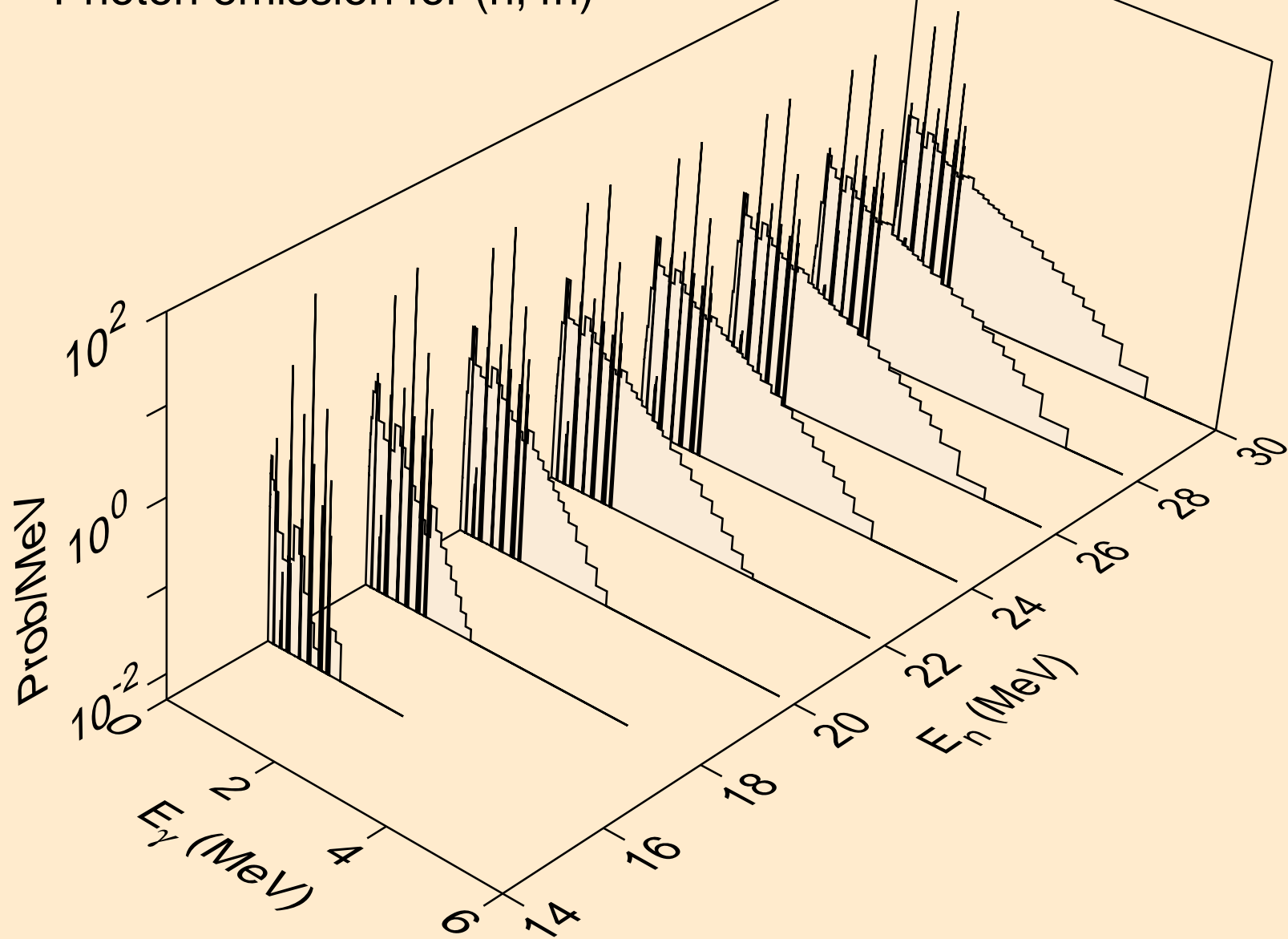


IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

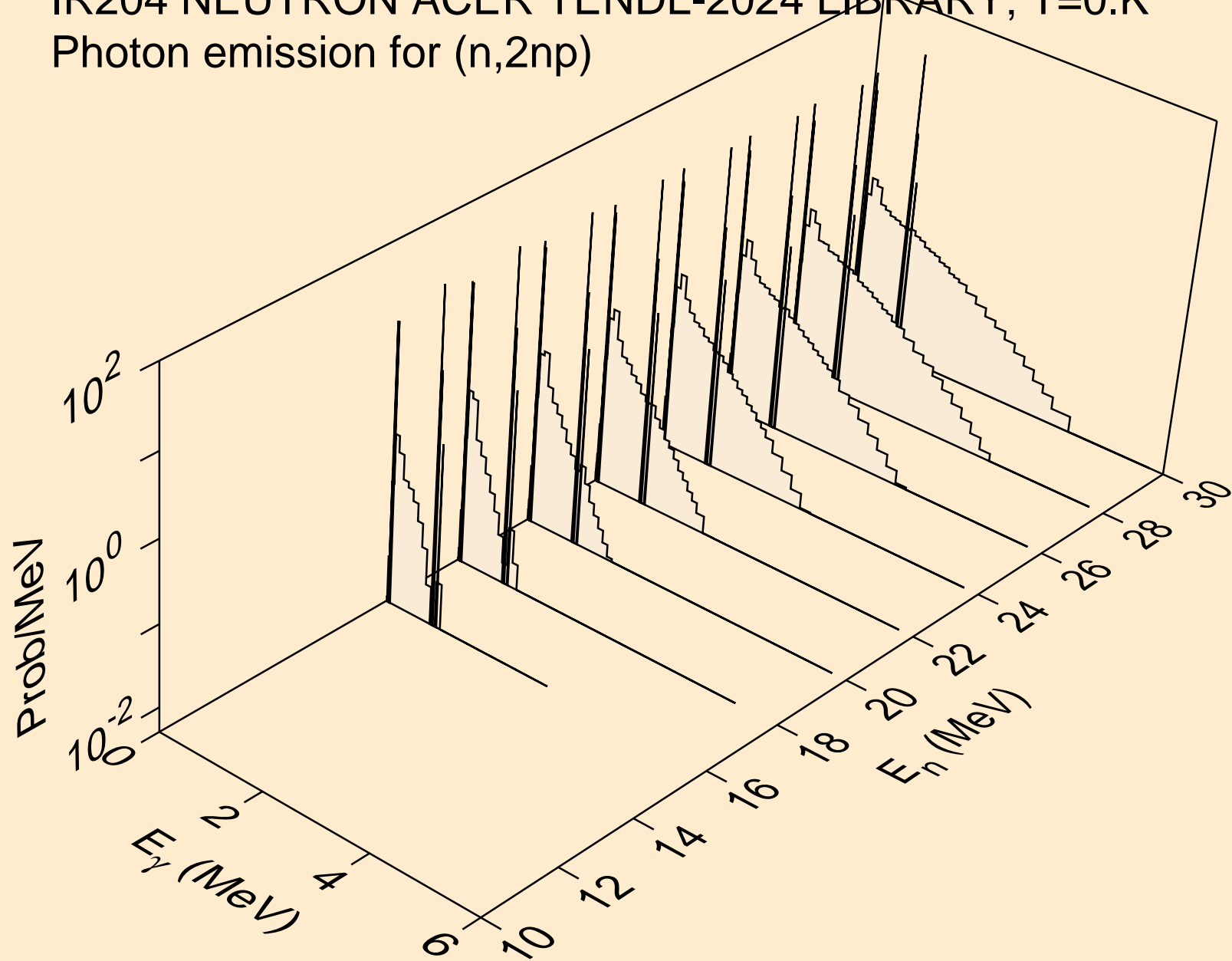




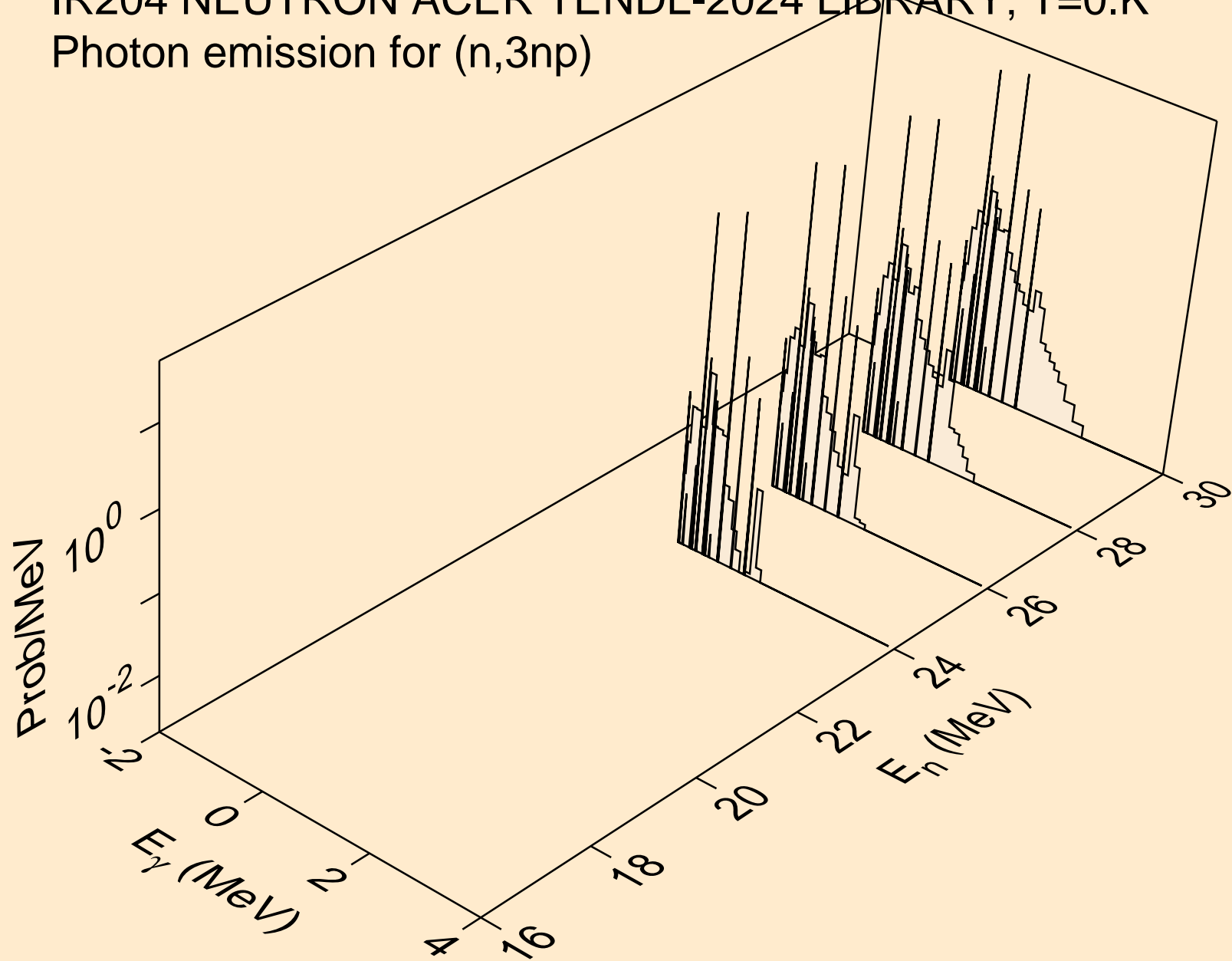
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



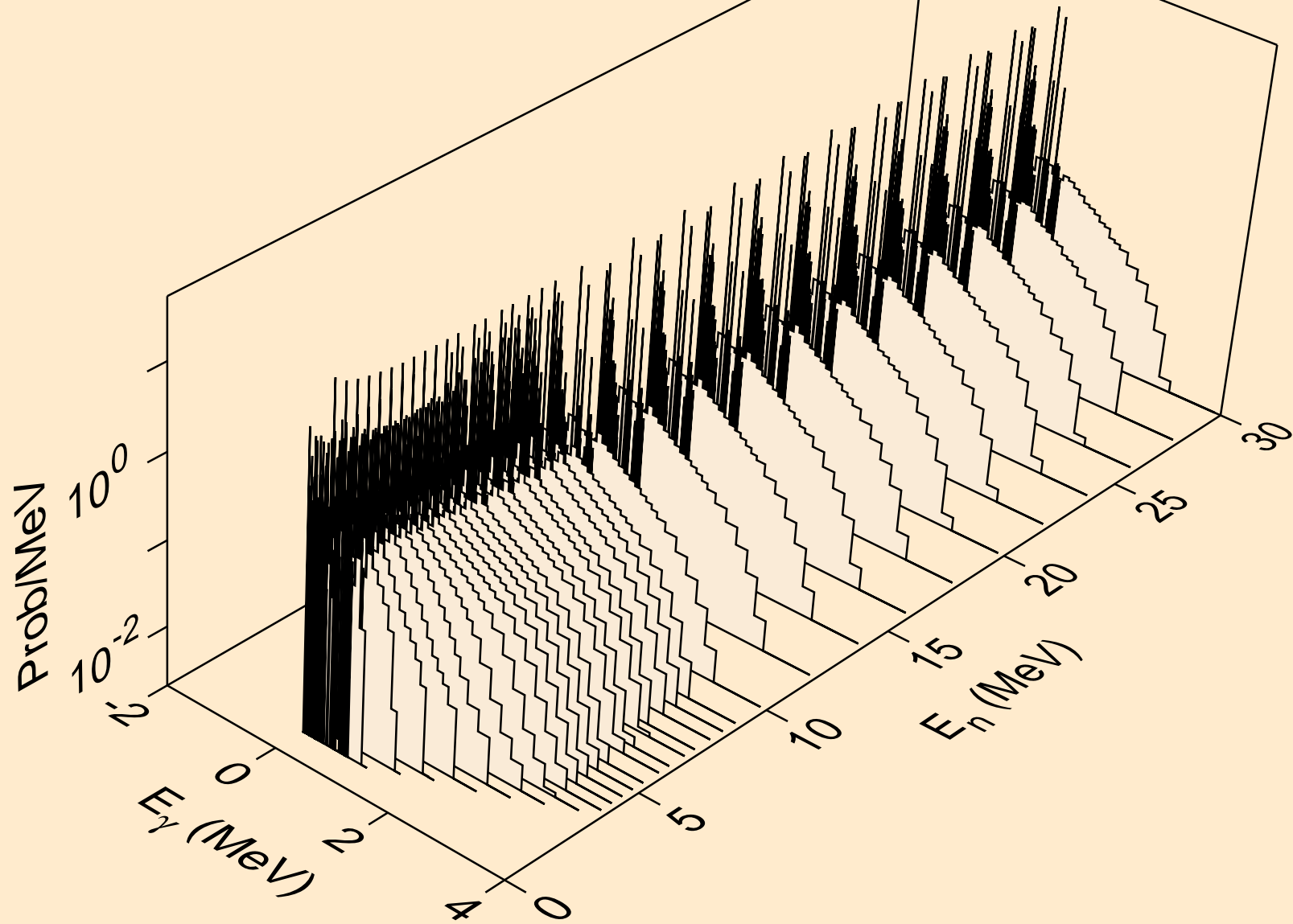
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



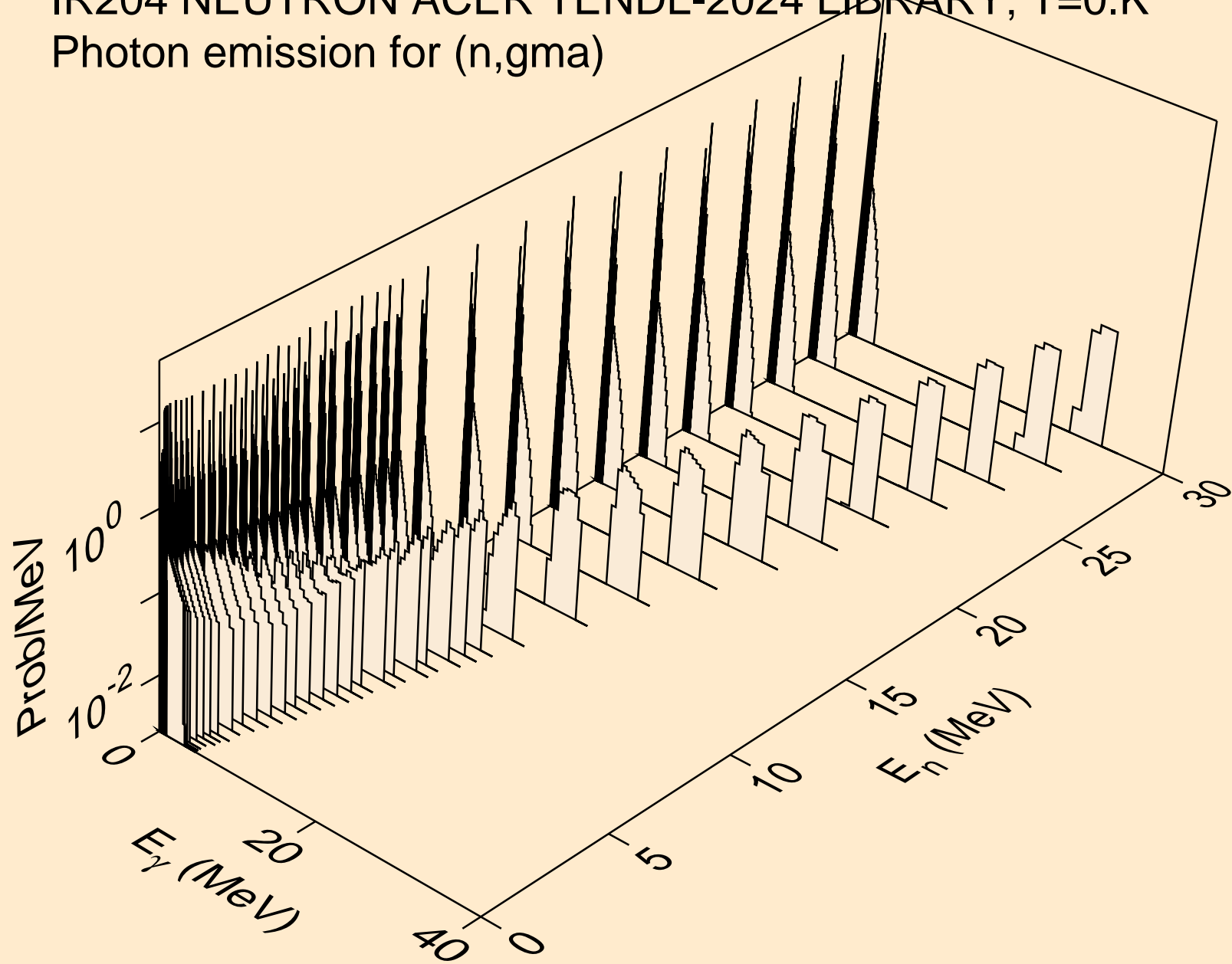
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



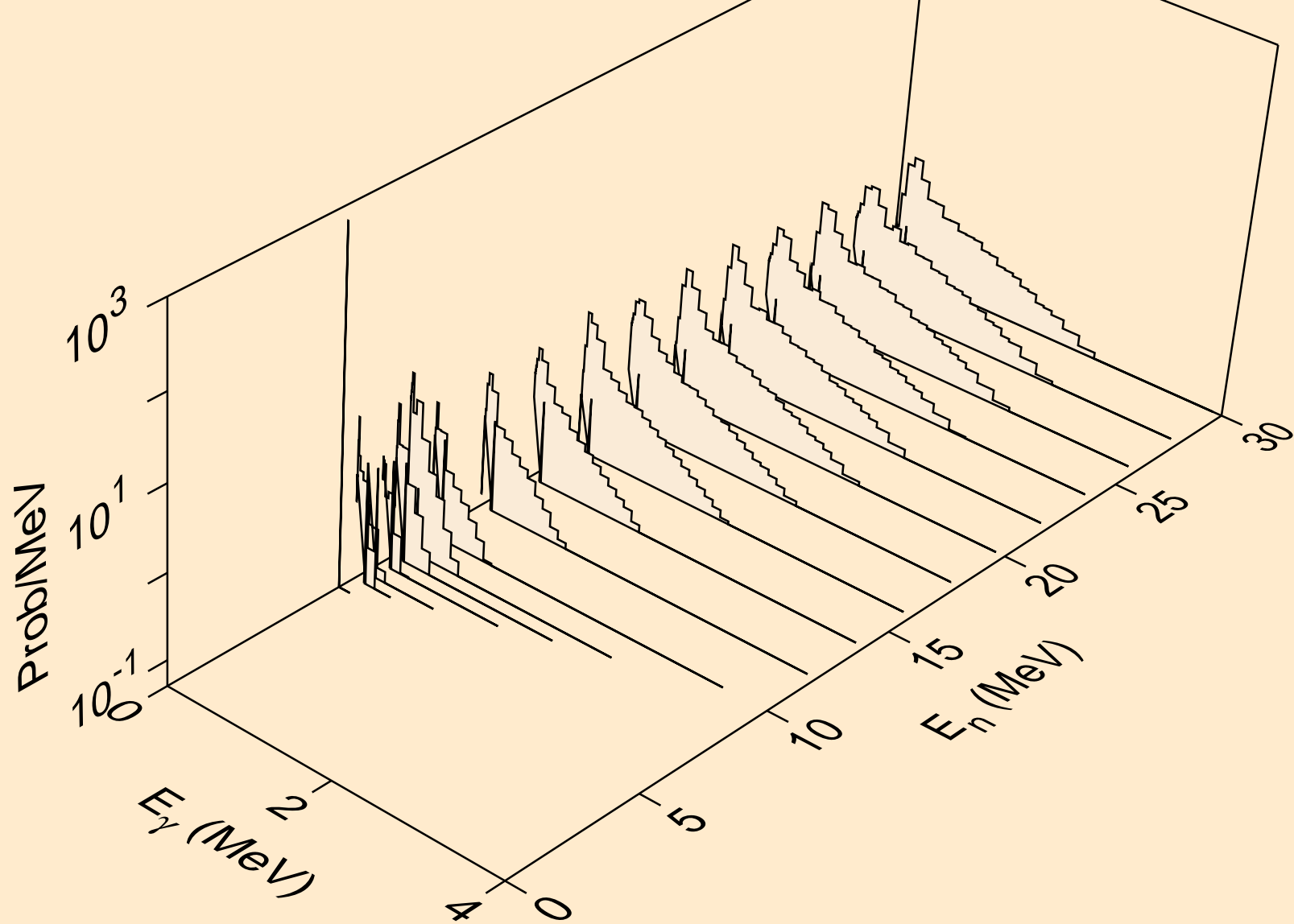
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



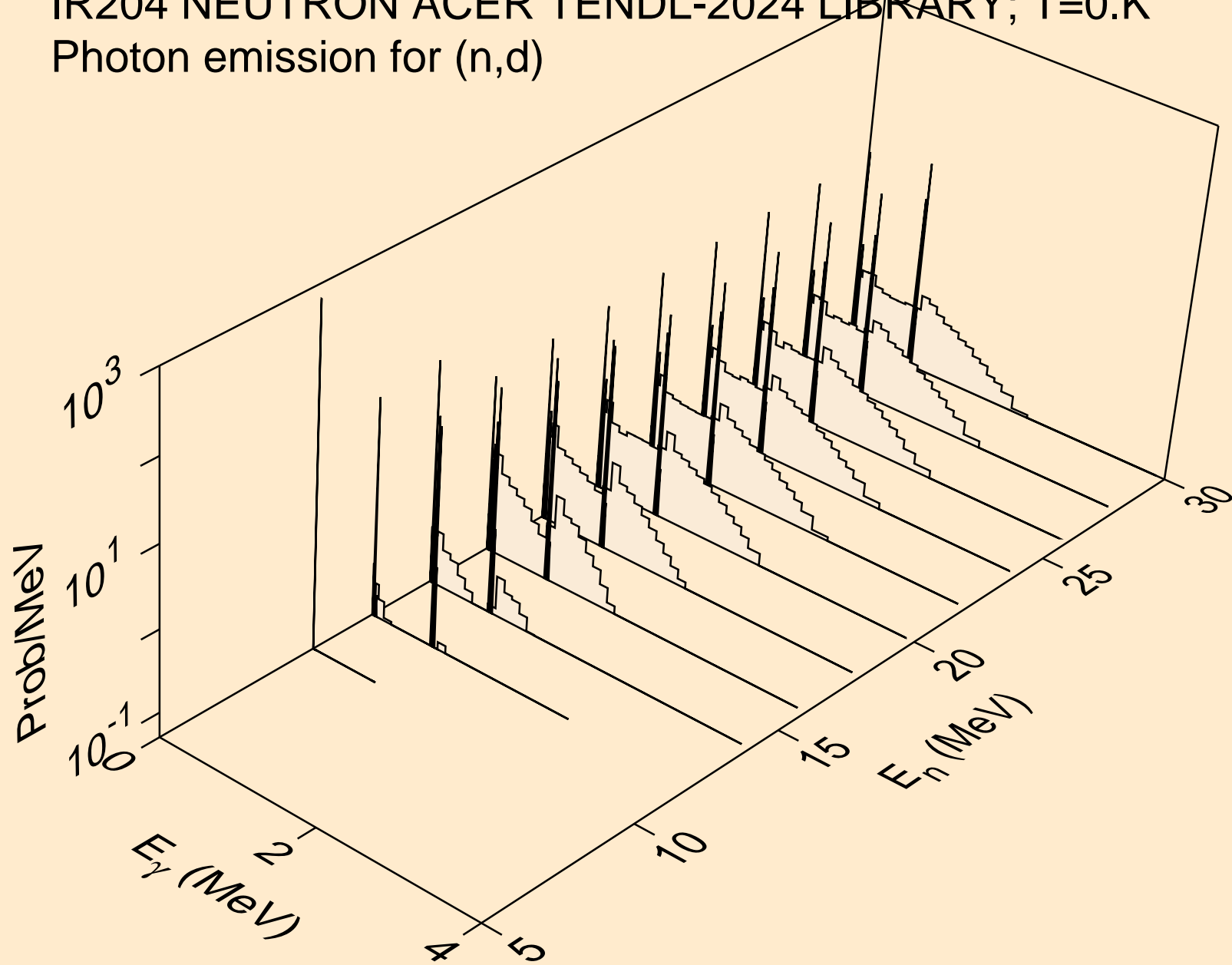
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



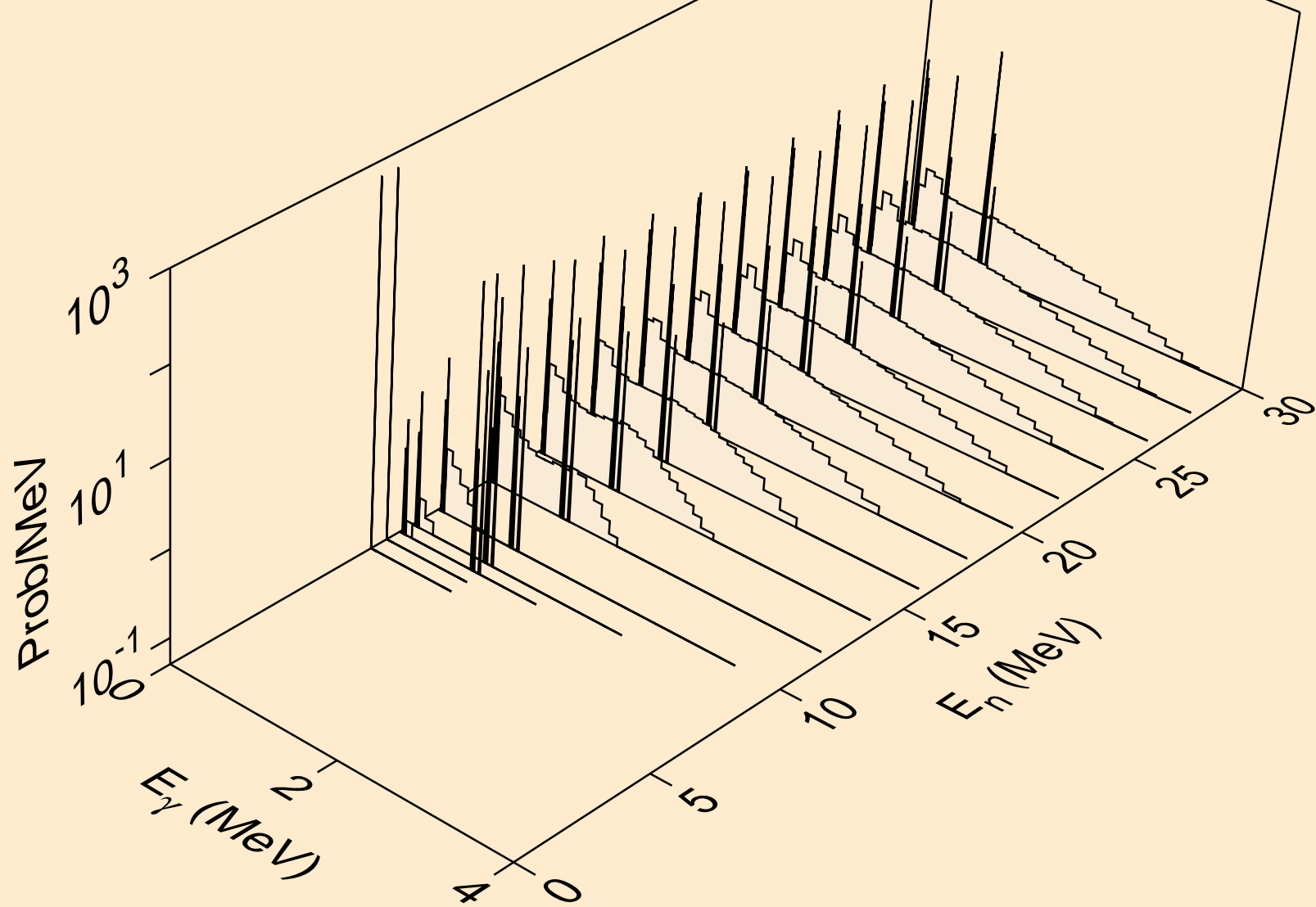
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)

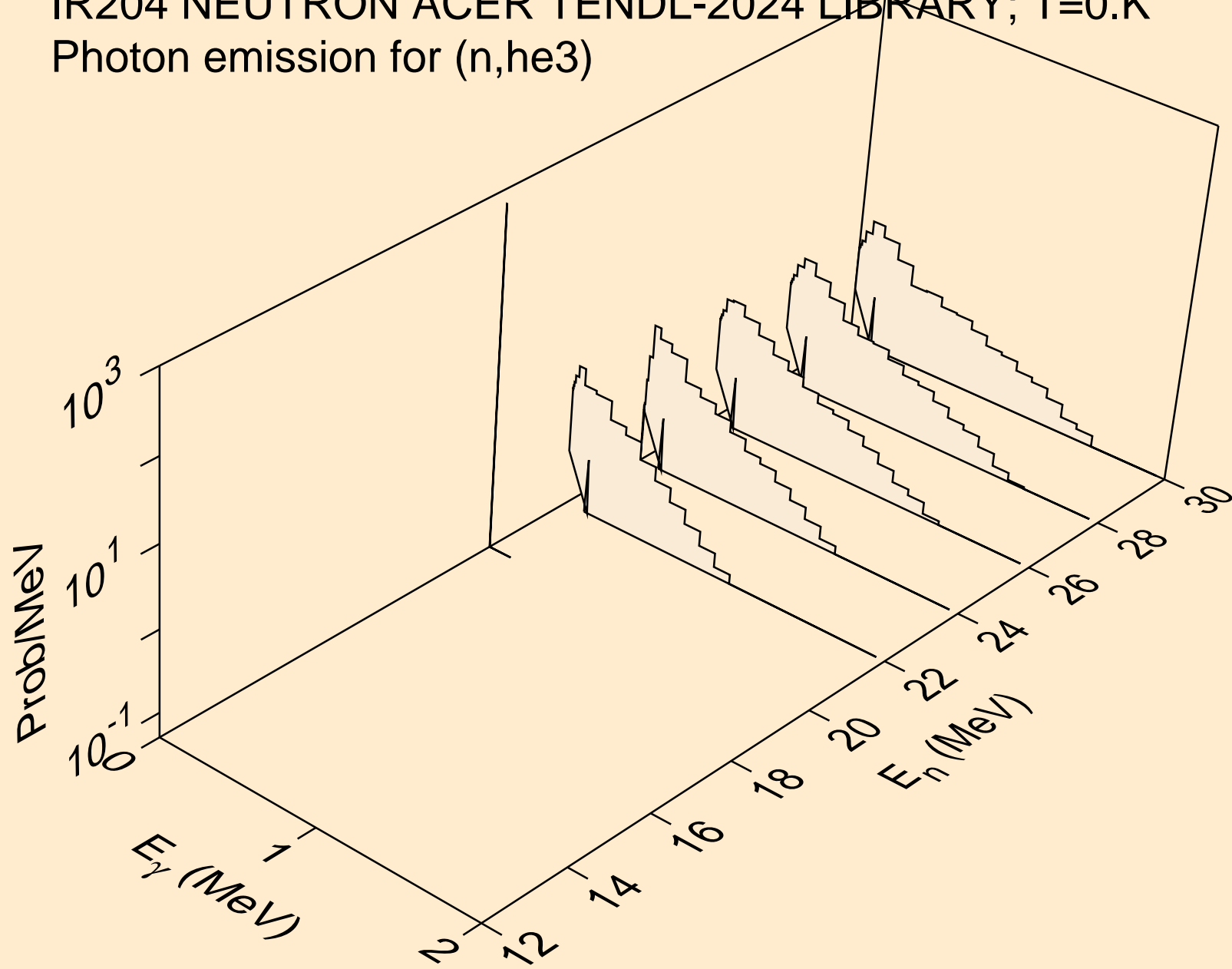


IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)

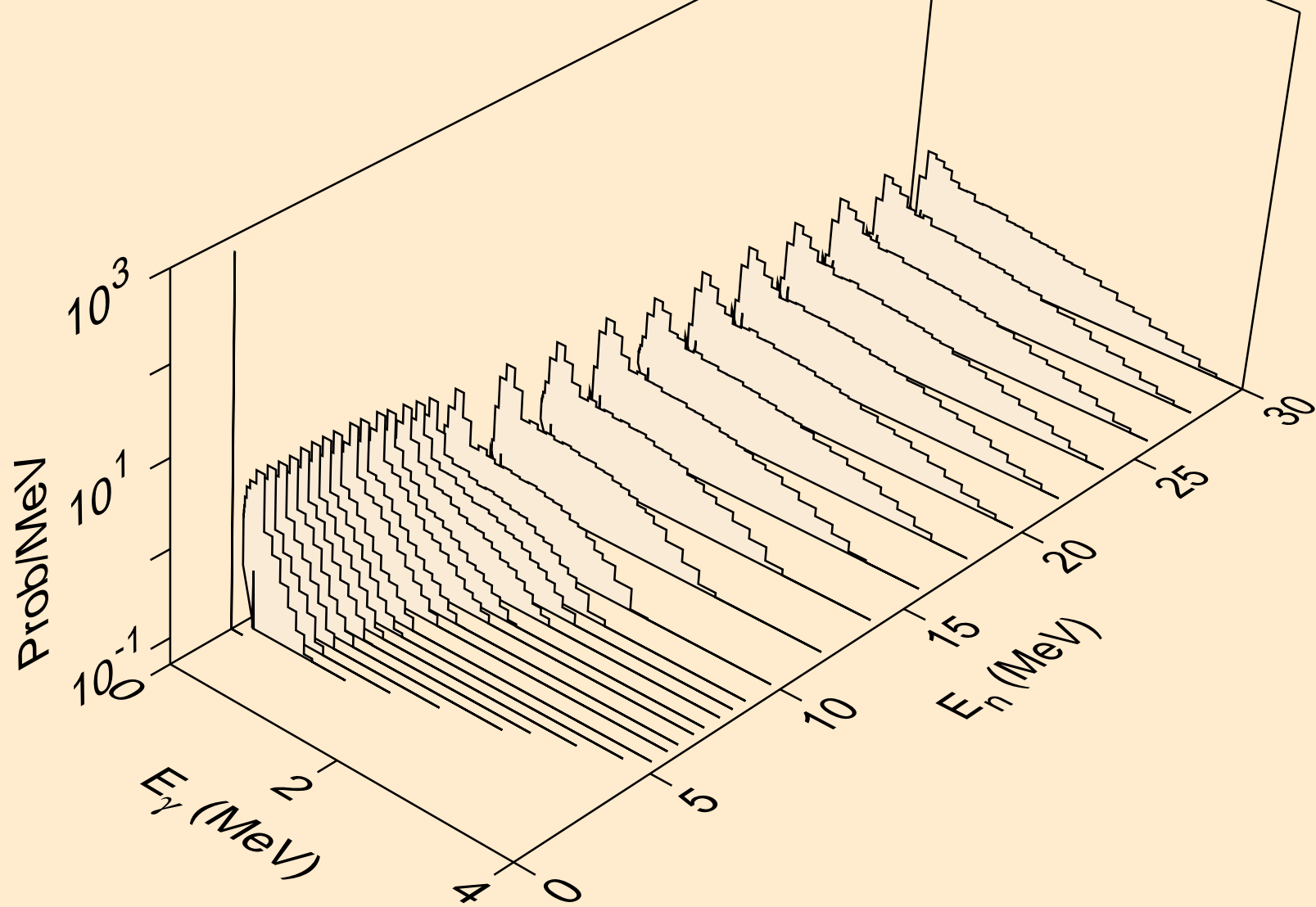




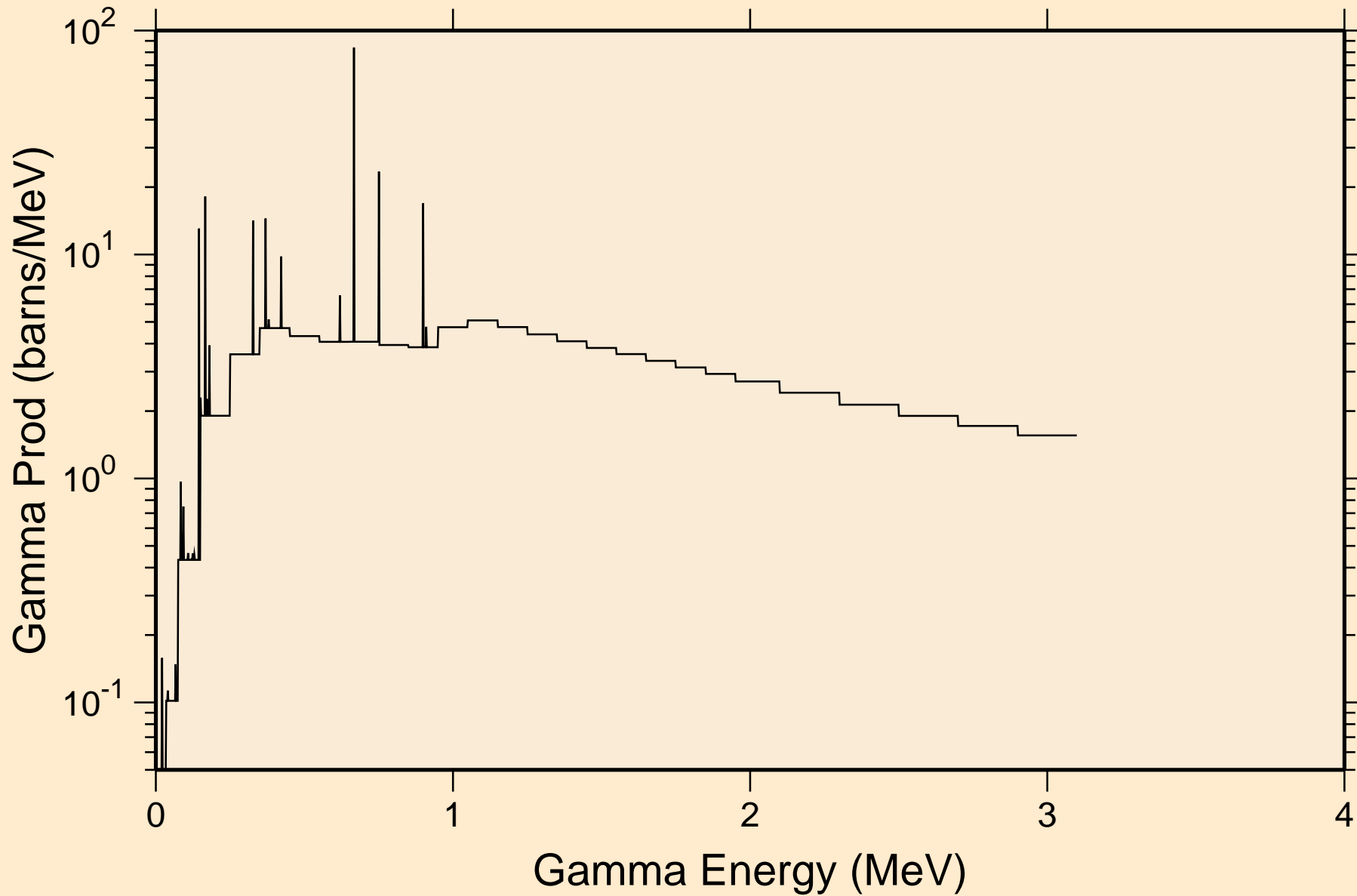
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



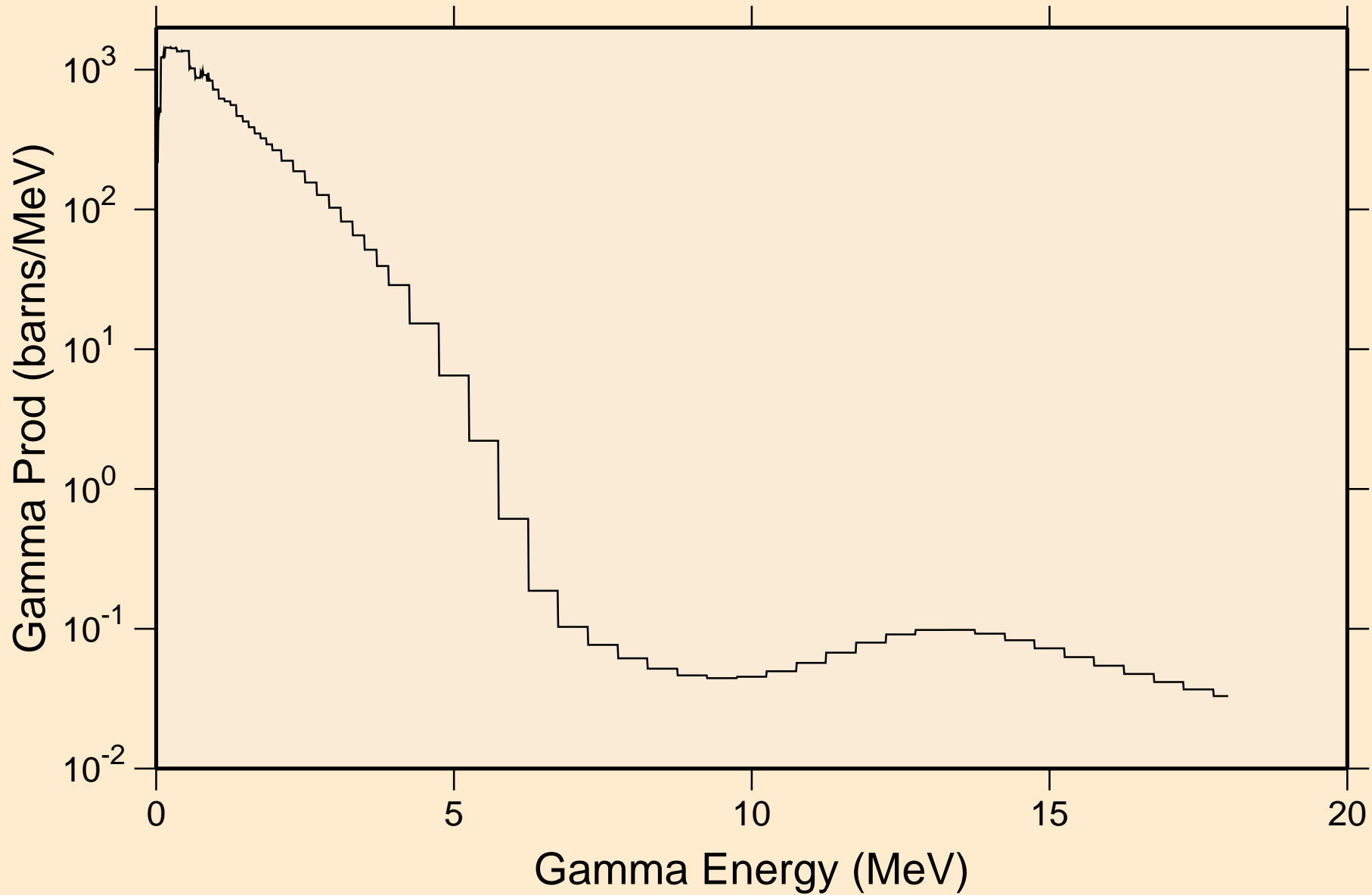
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

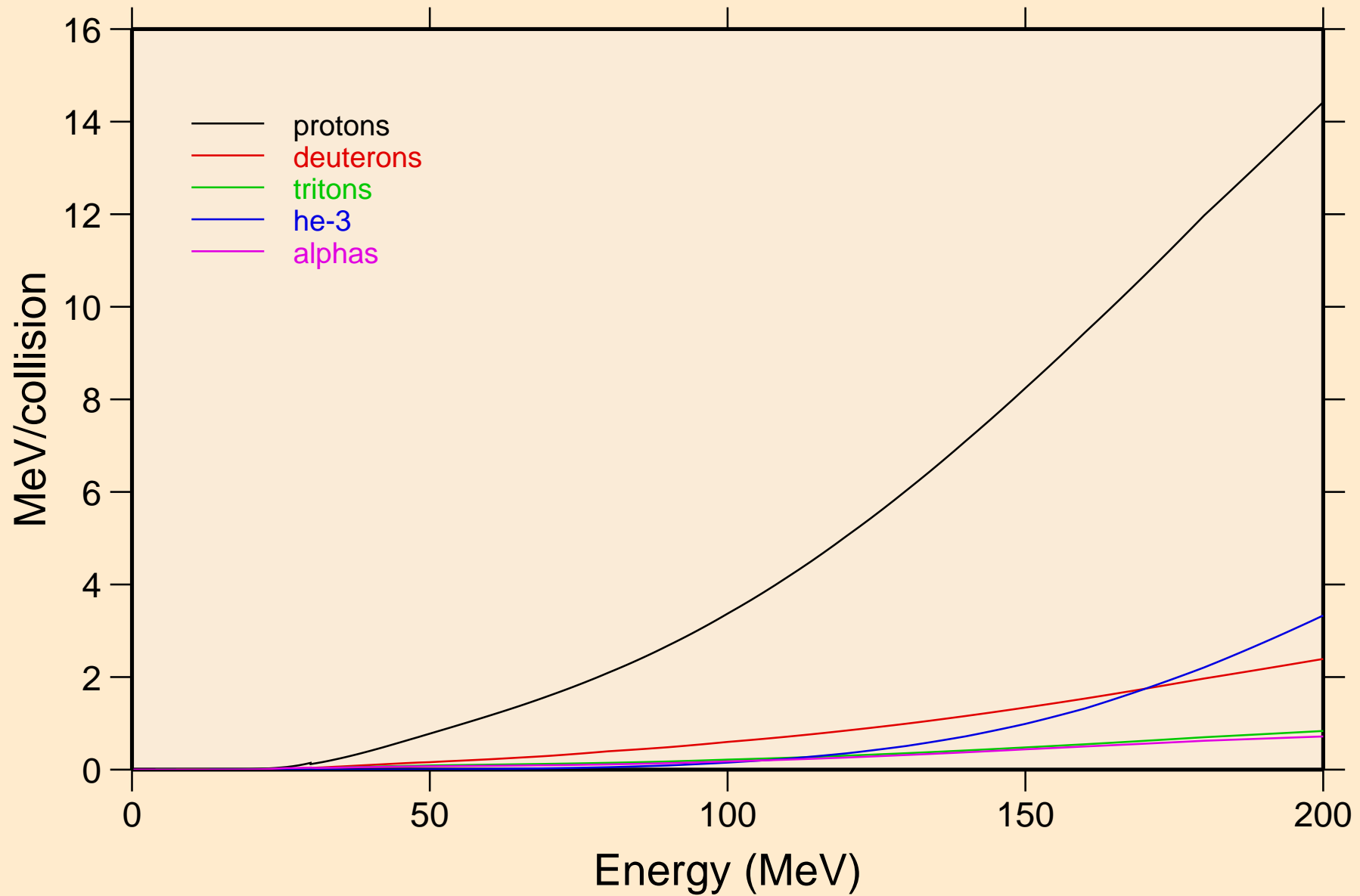


IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

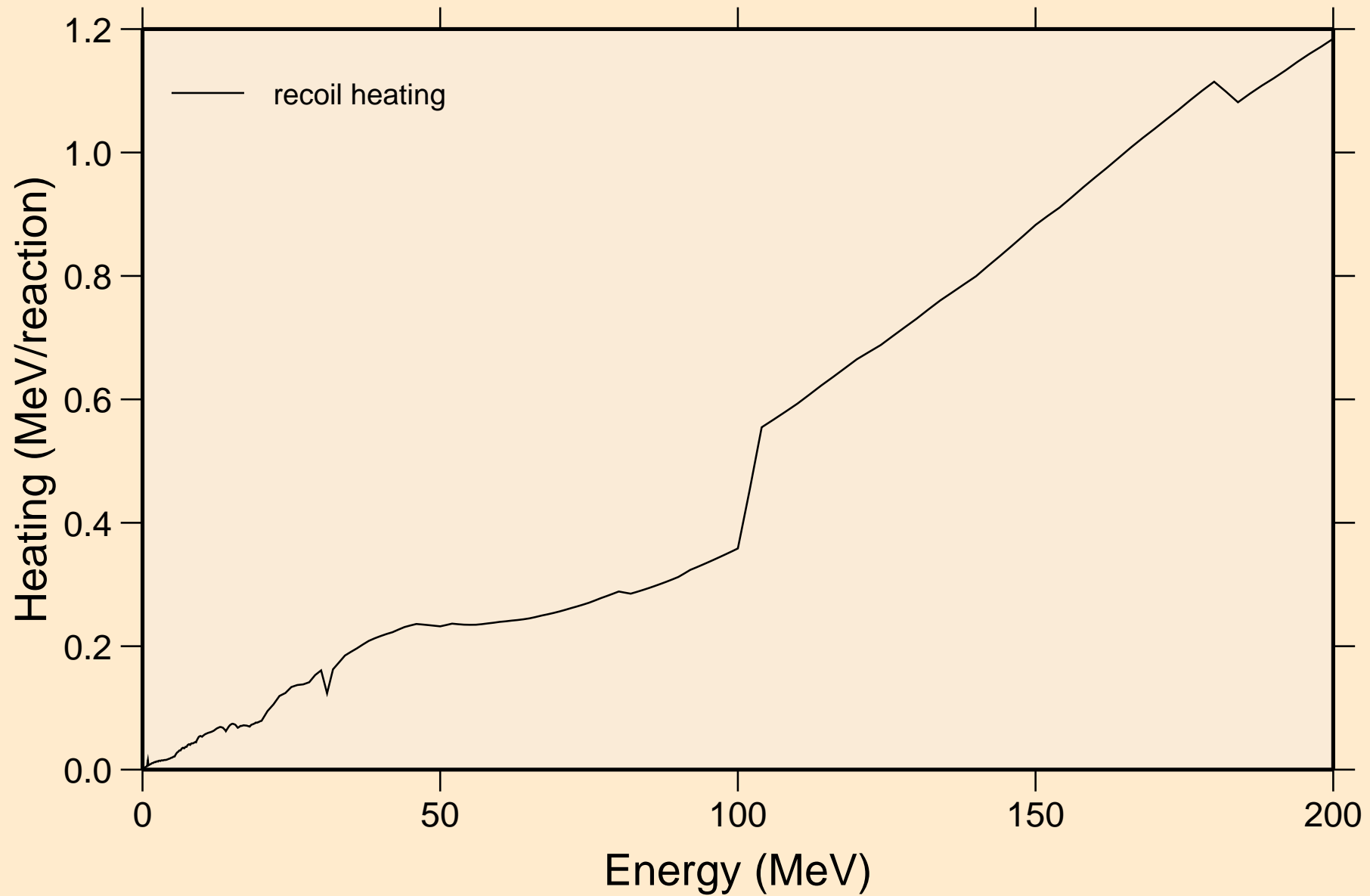


# IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

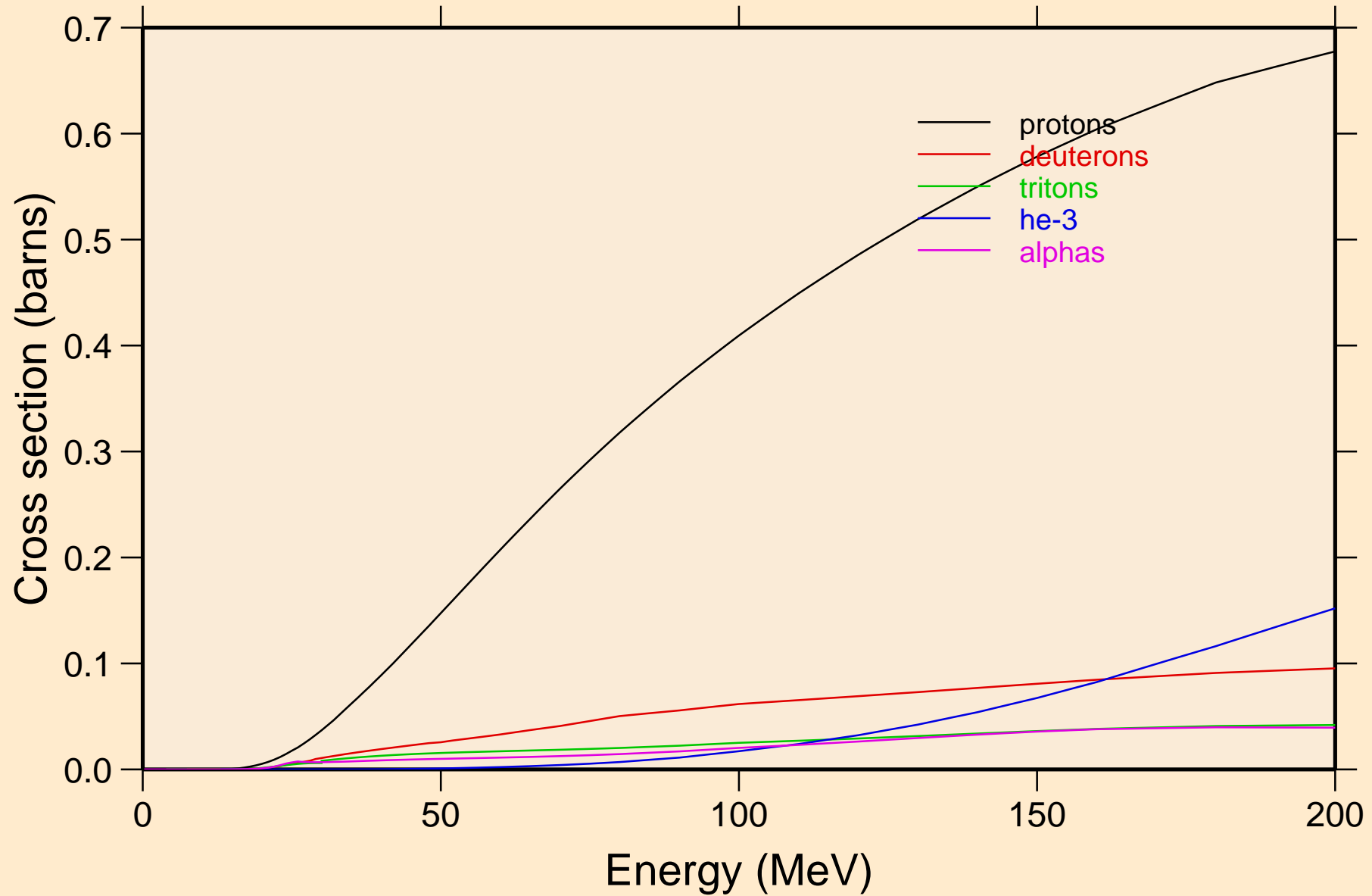
## Particle heating contributions



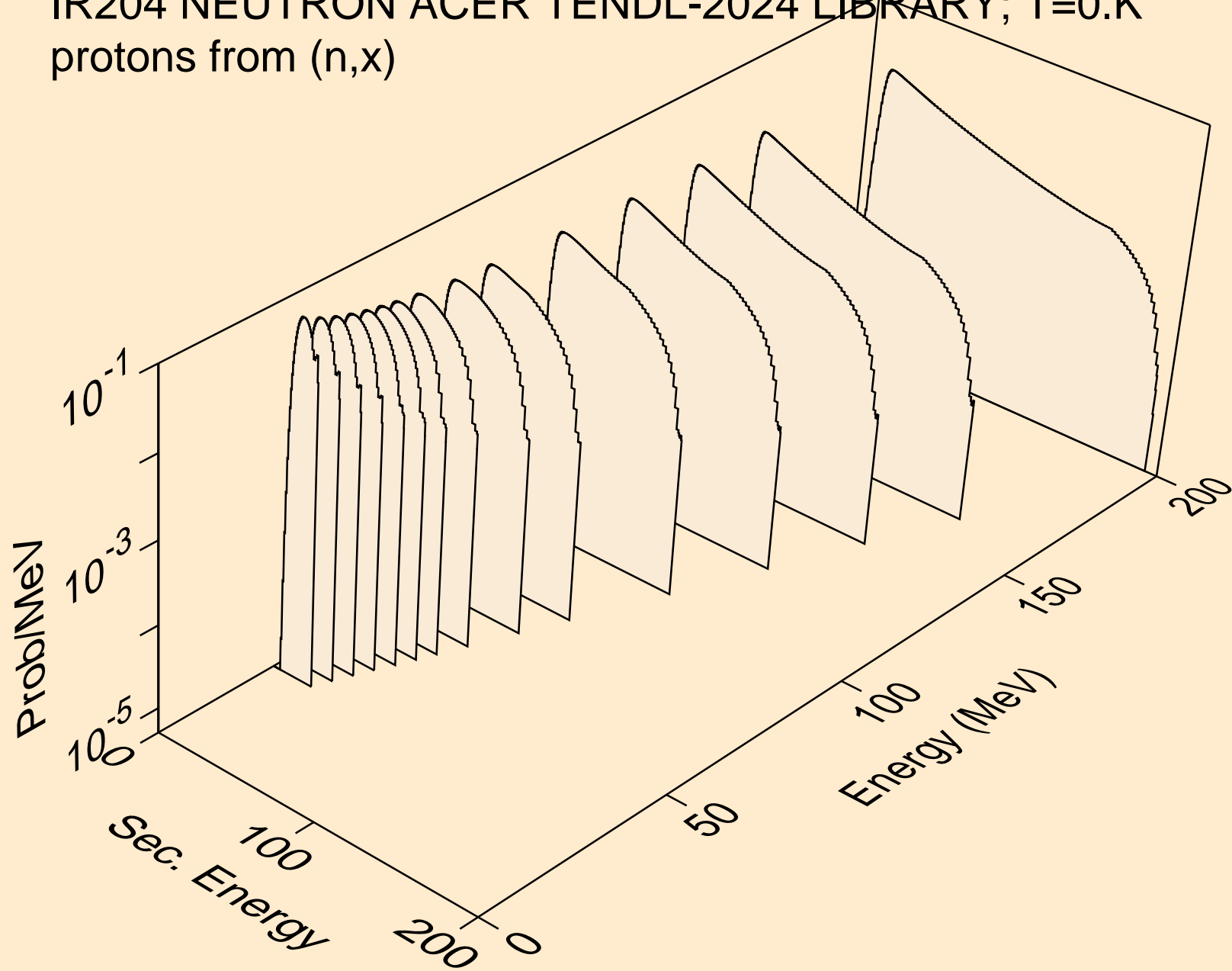
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating



IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections

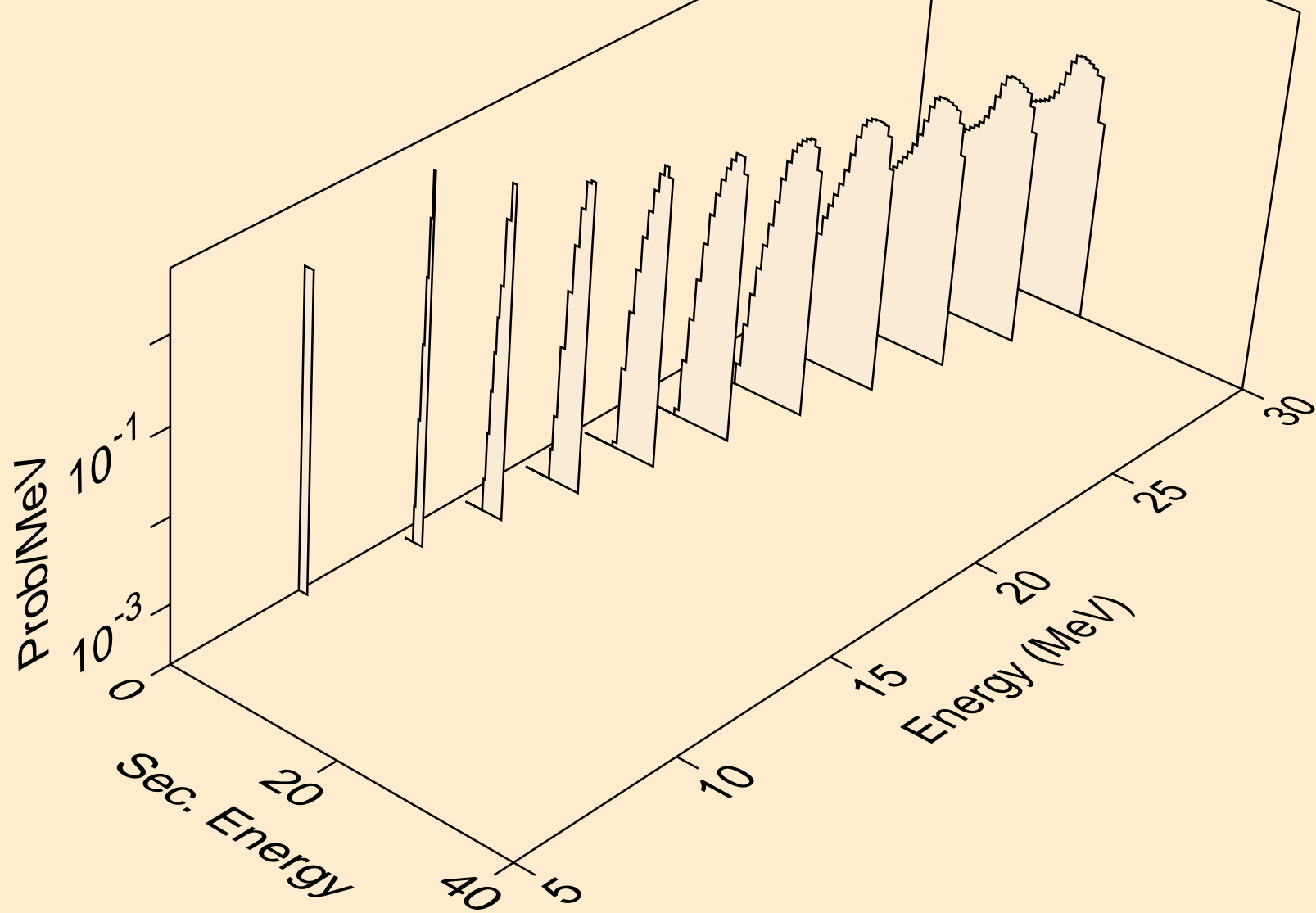


IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)

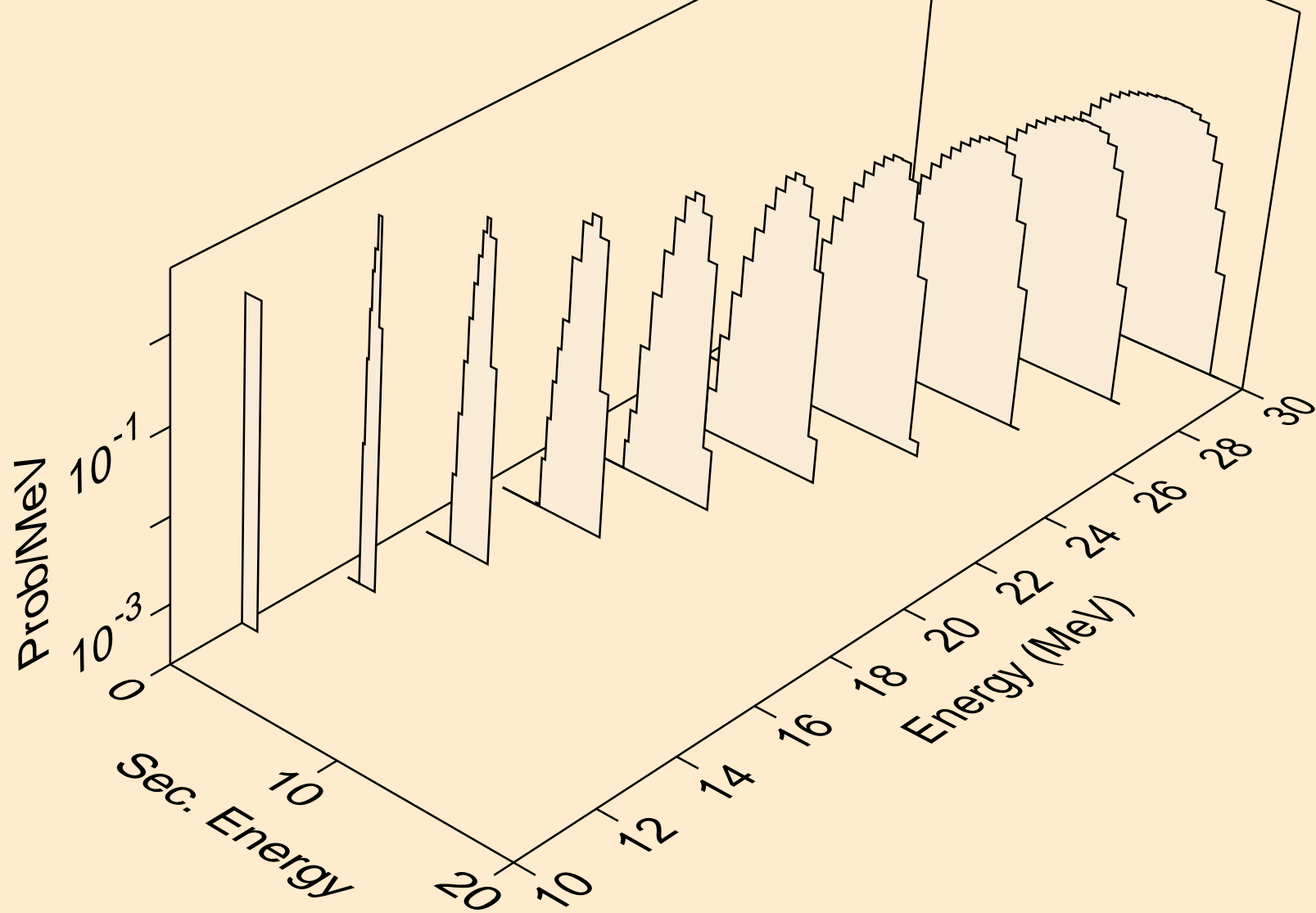




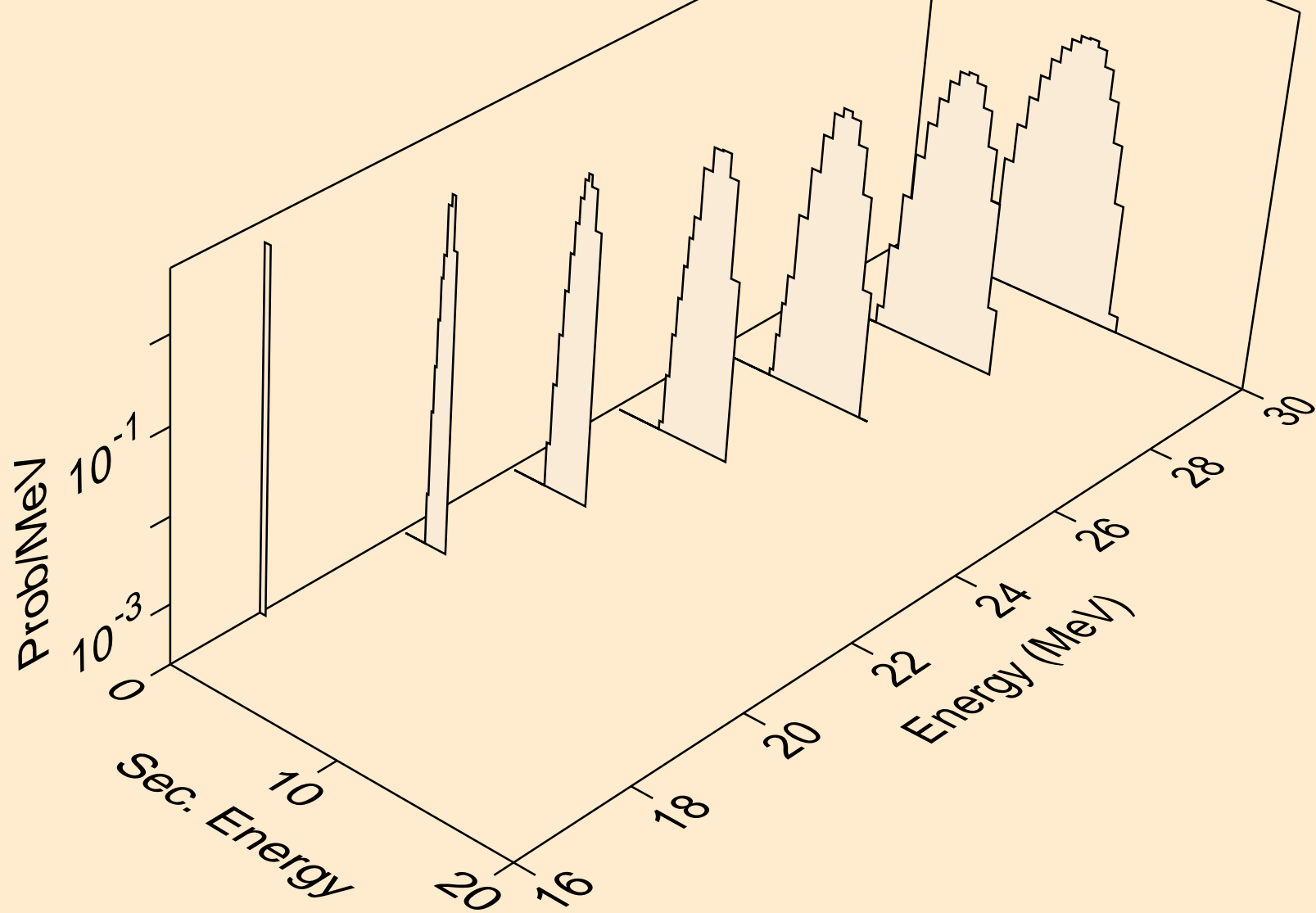
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



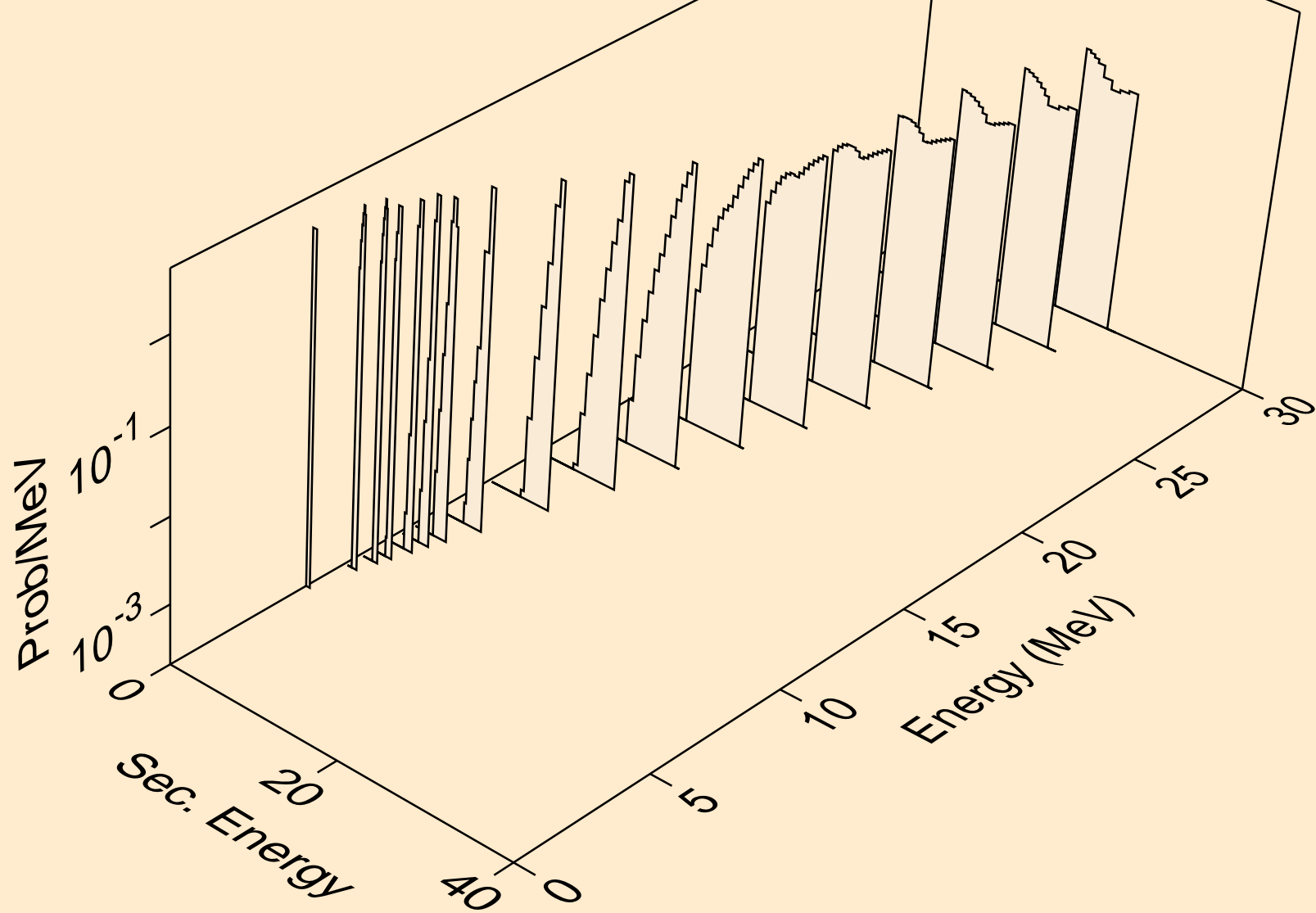
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)



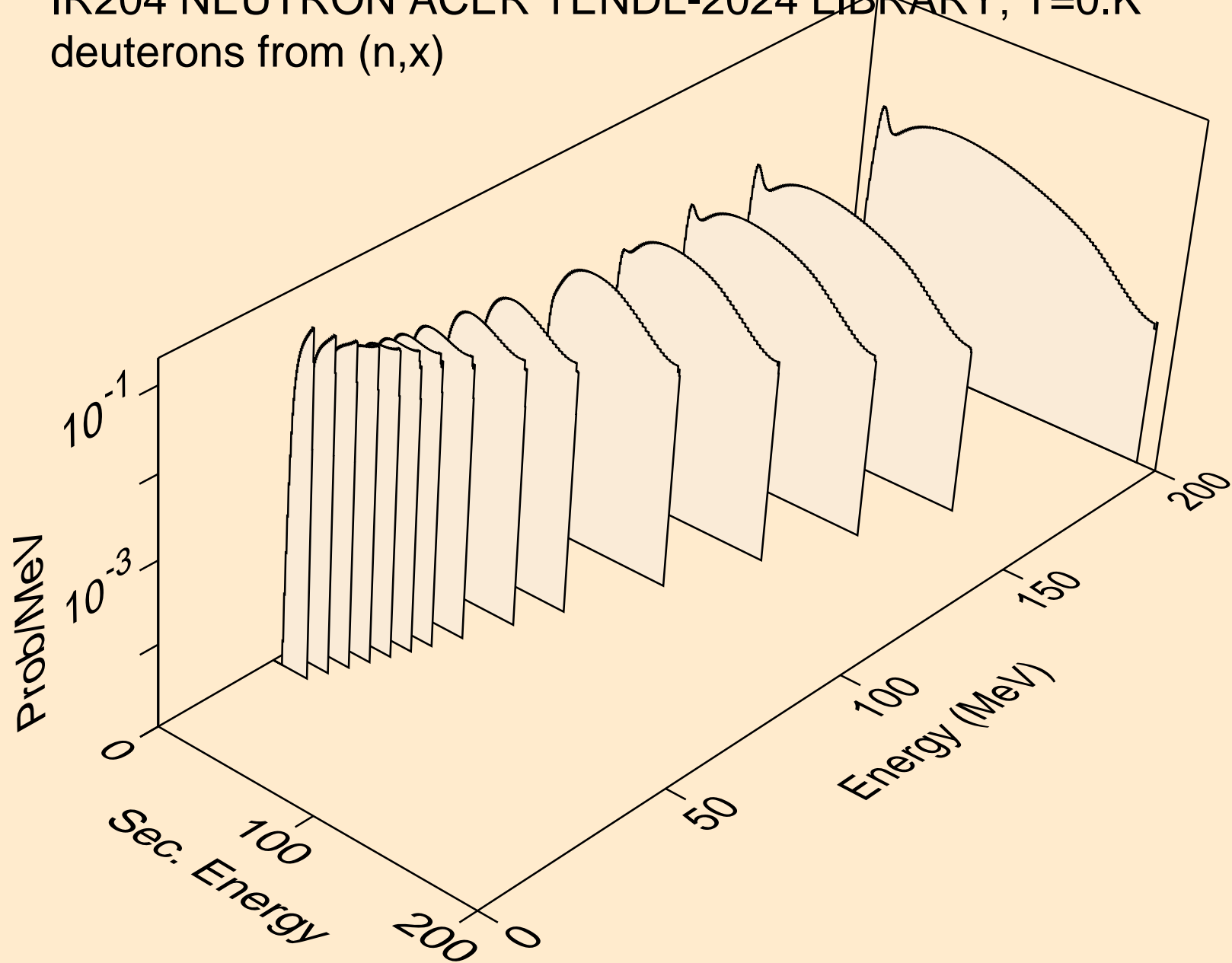
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)



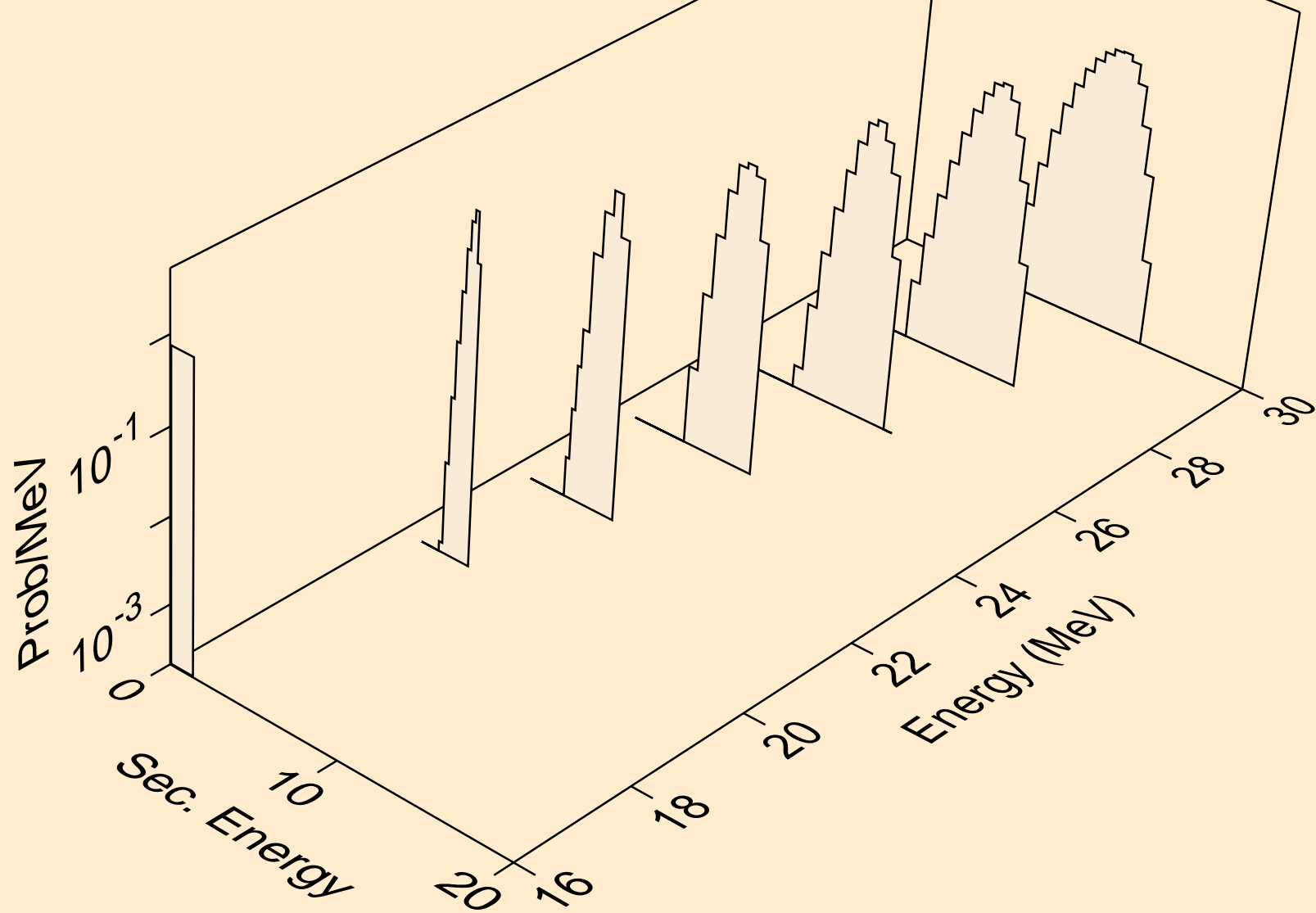
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)



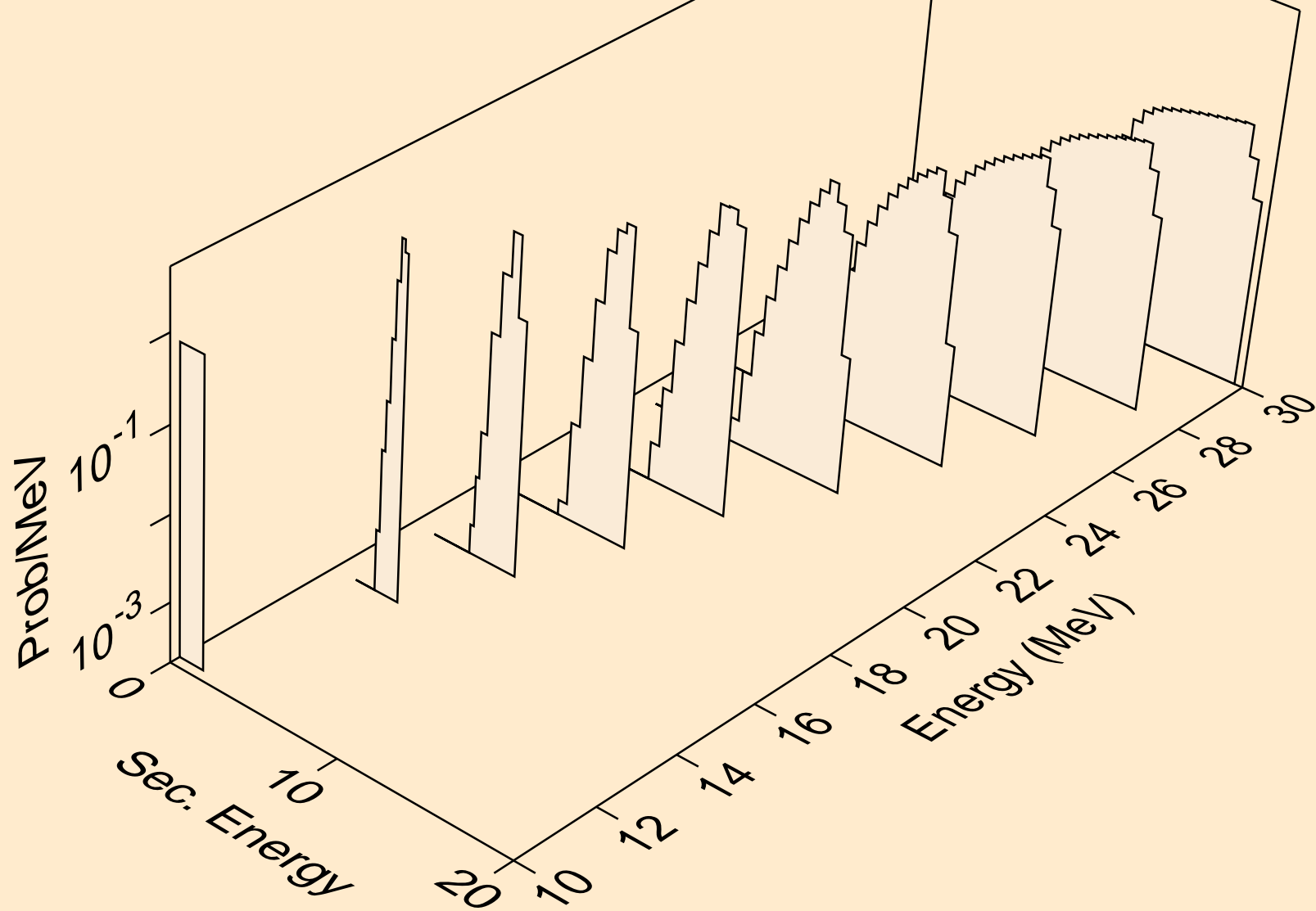
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)



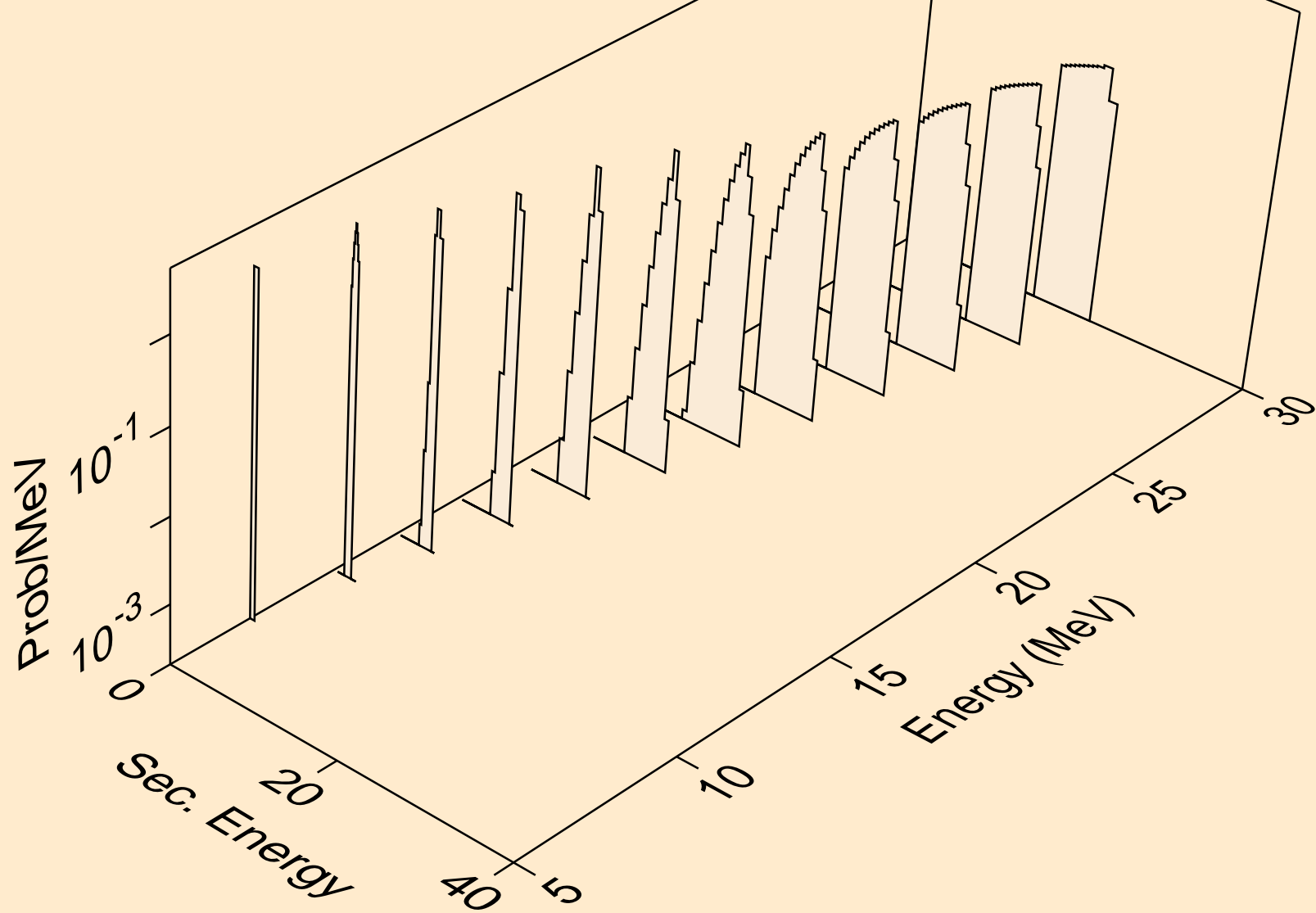
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,2nd)



IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d

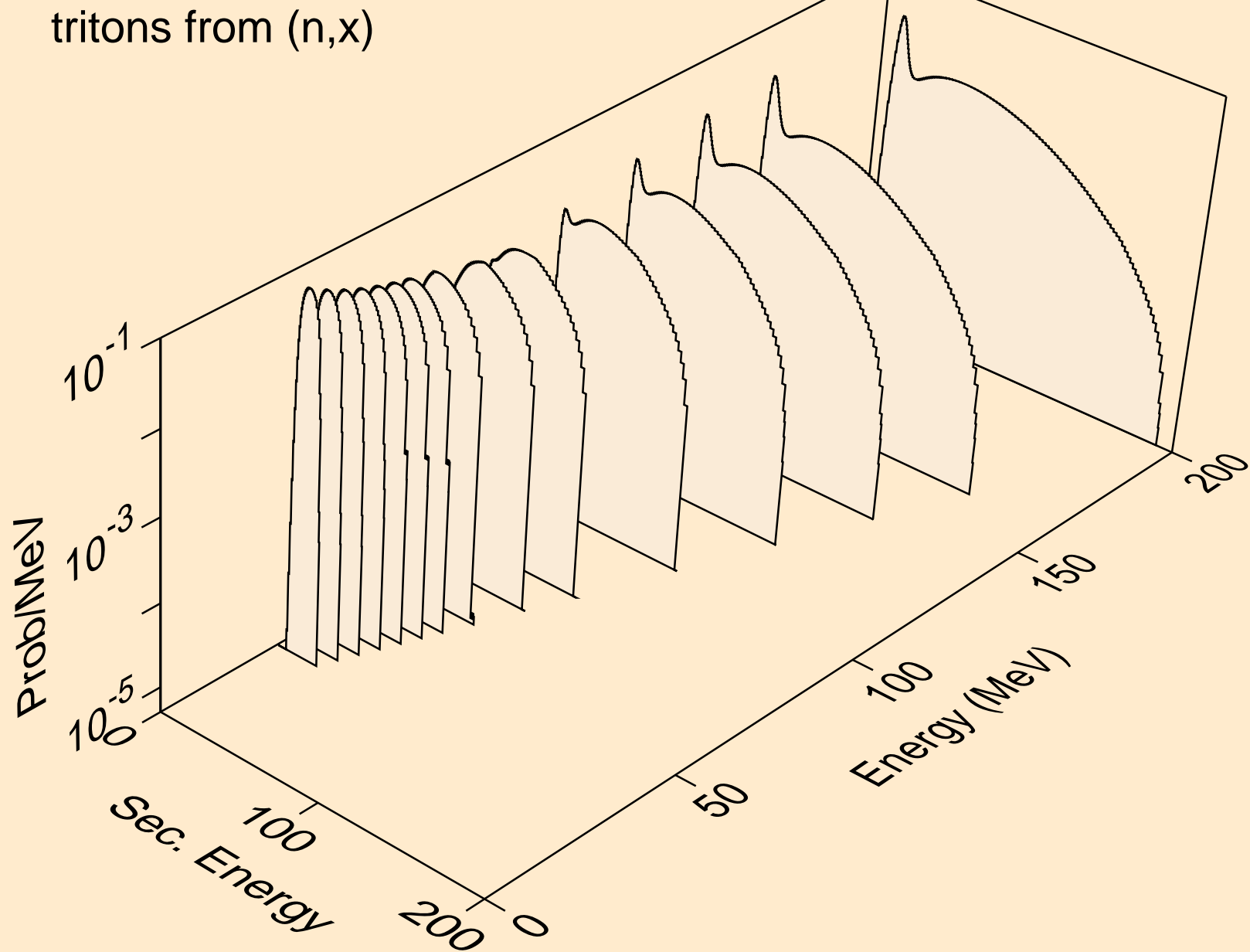


IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,d)

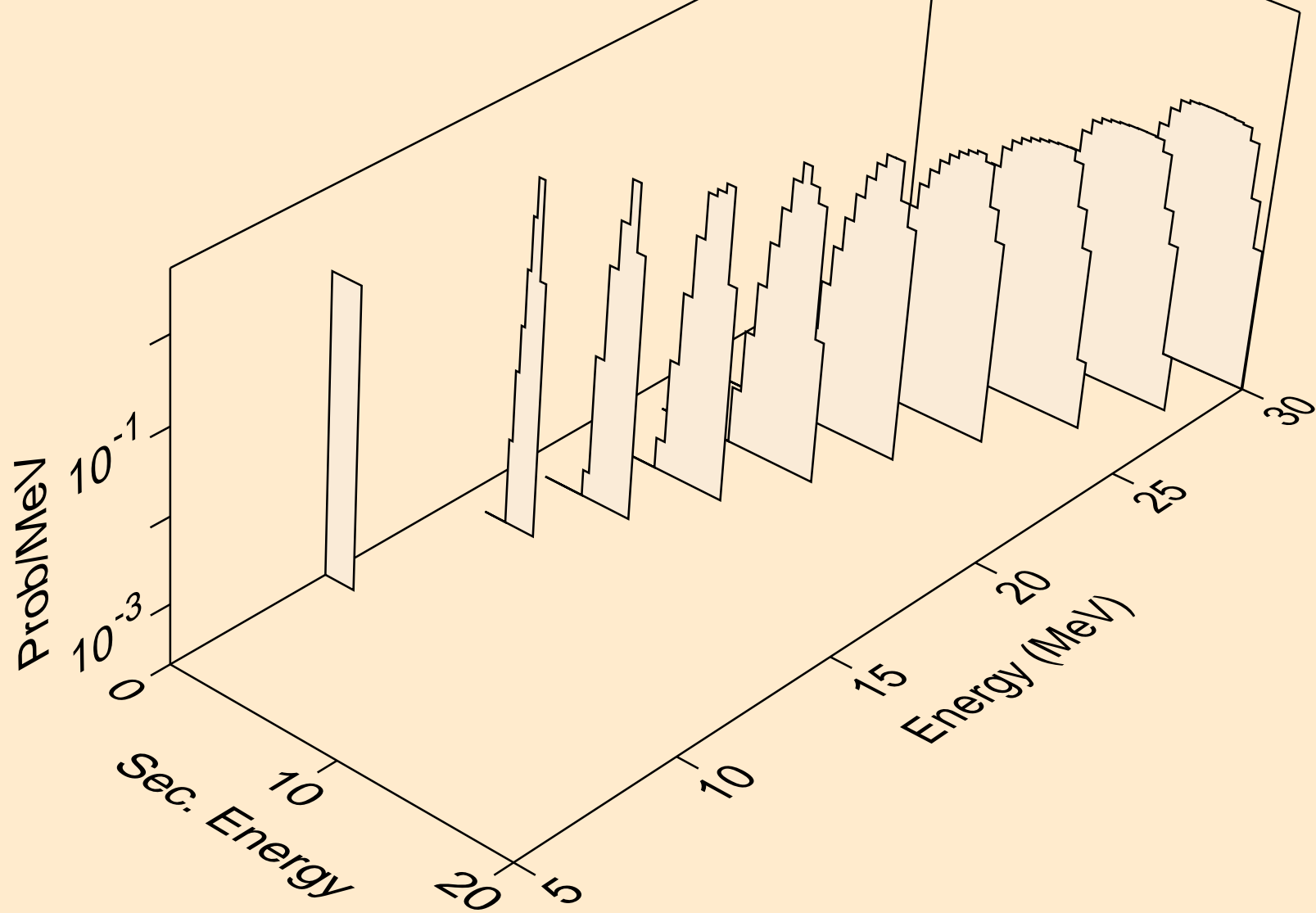




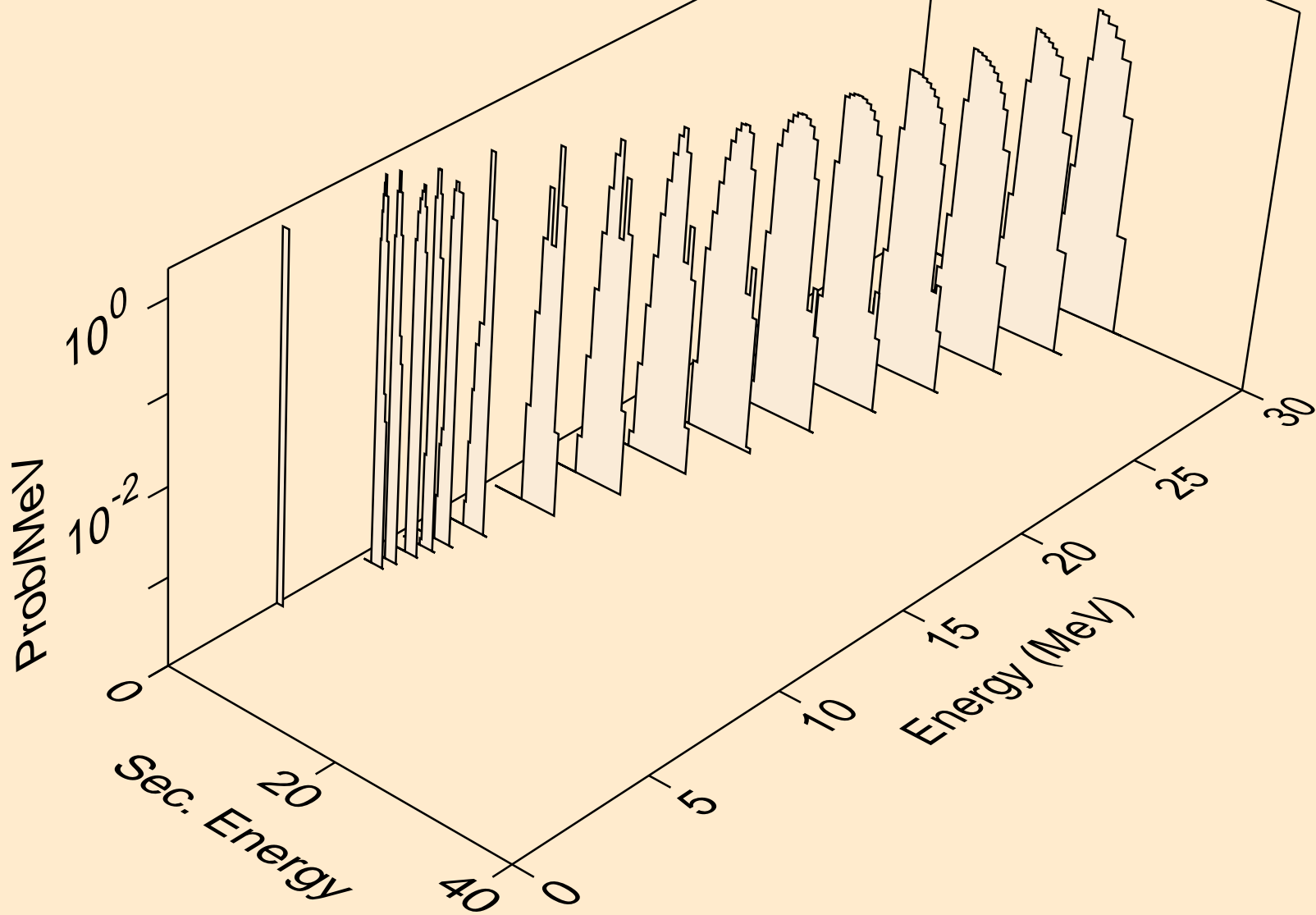
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)



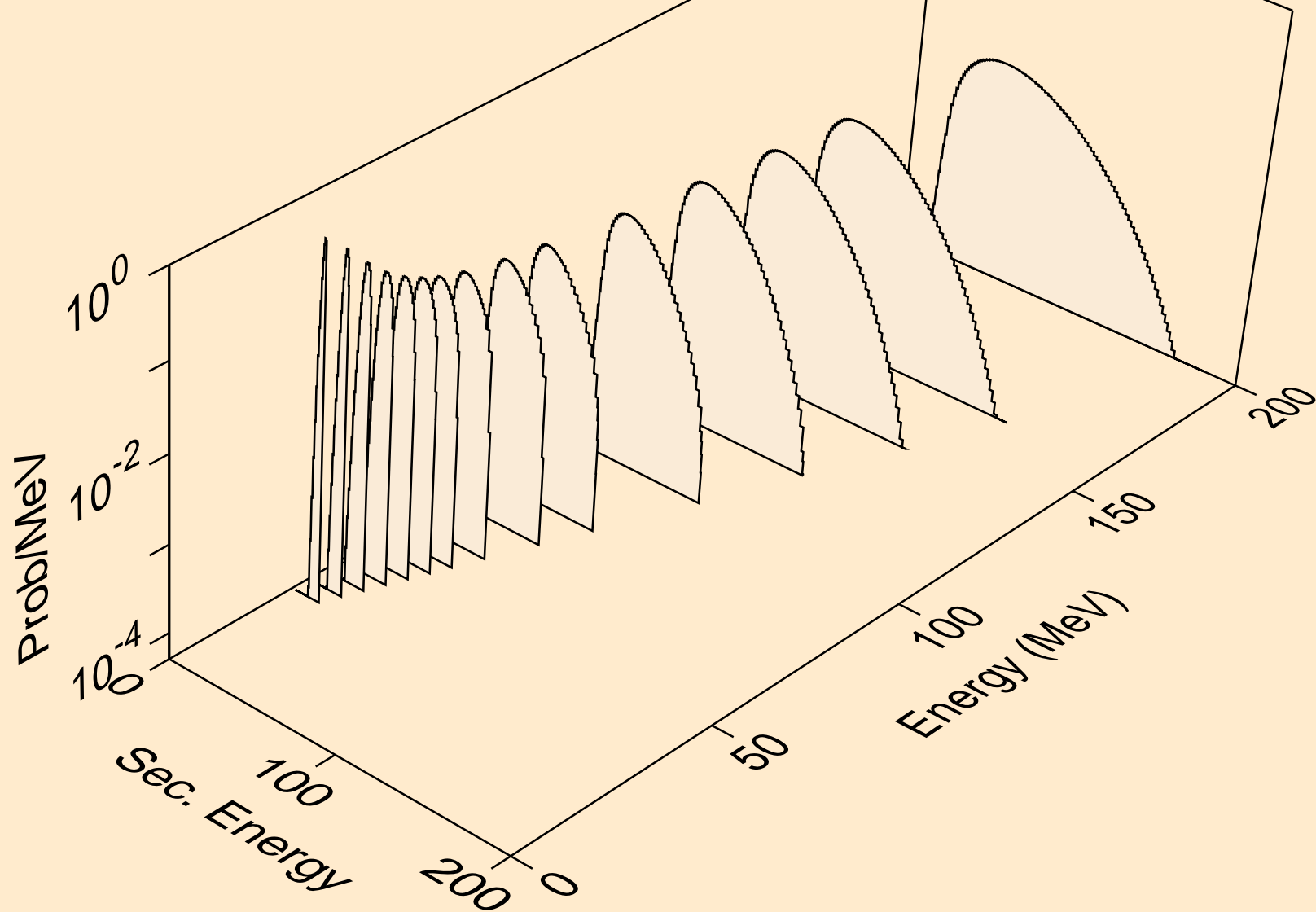
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



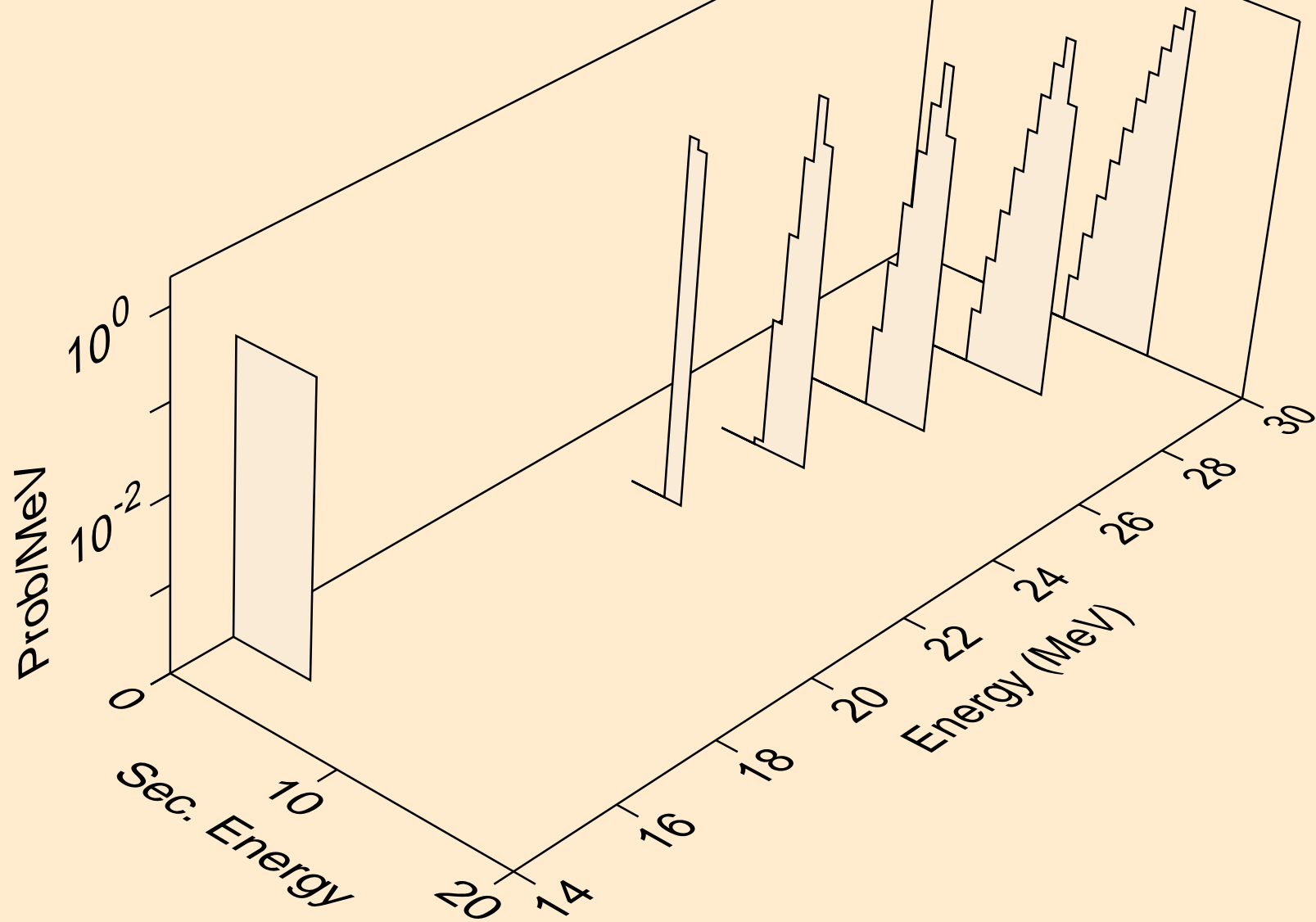
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)



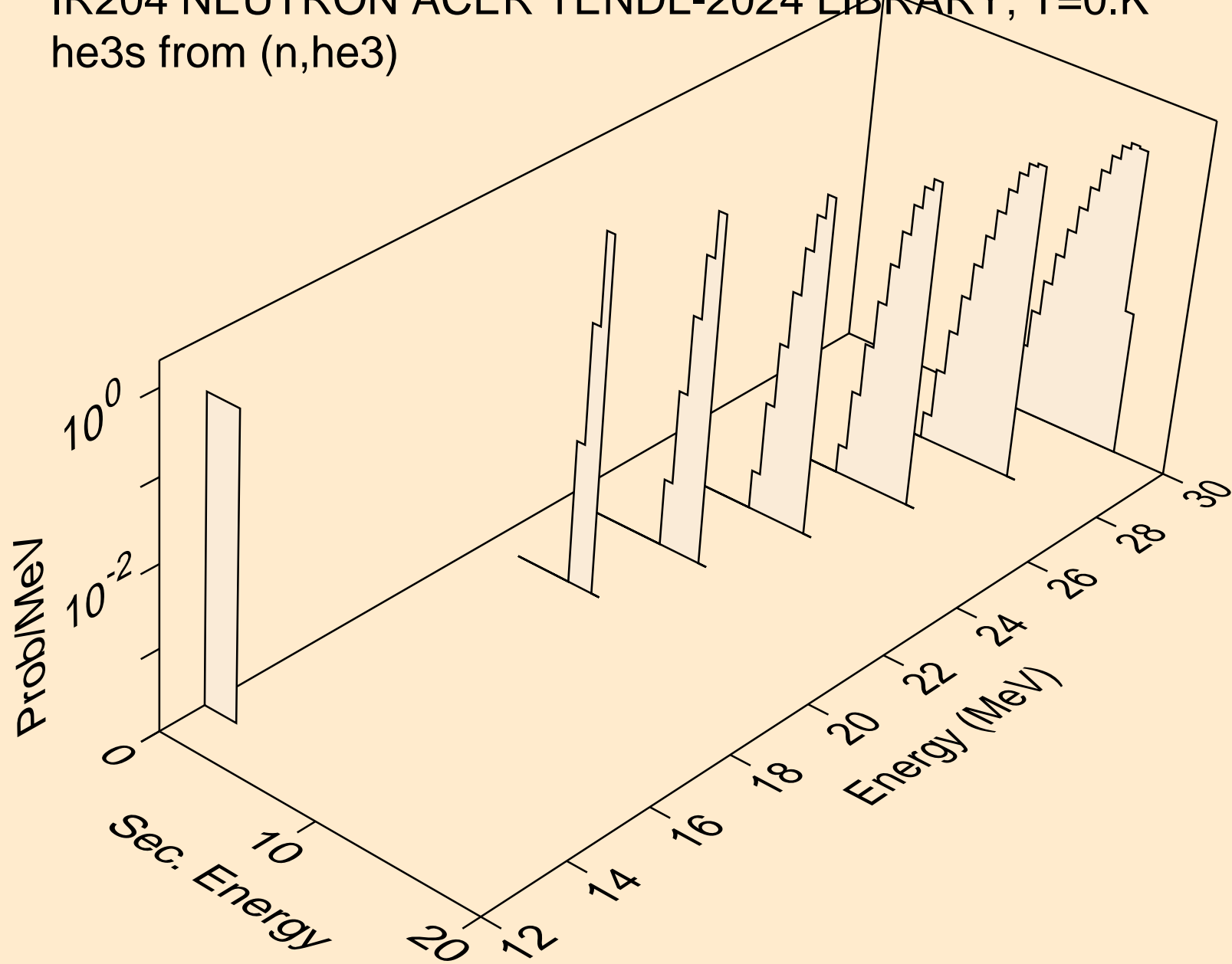
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



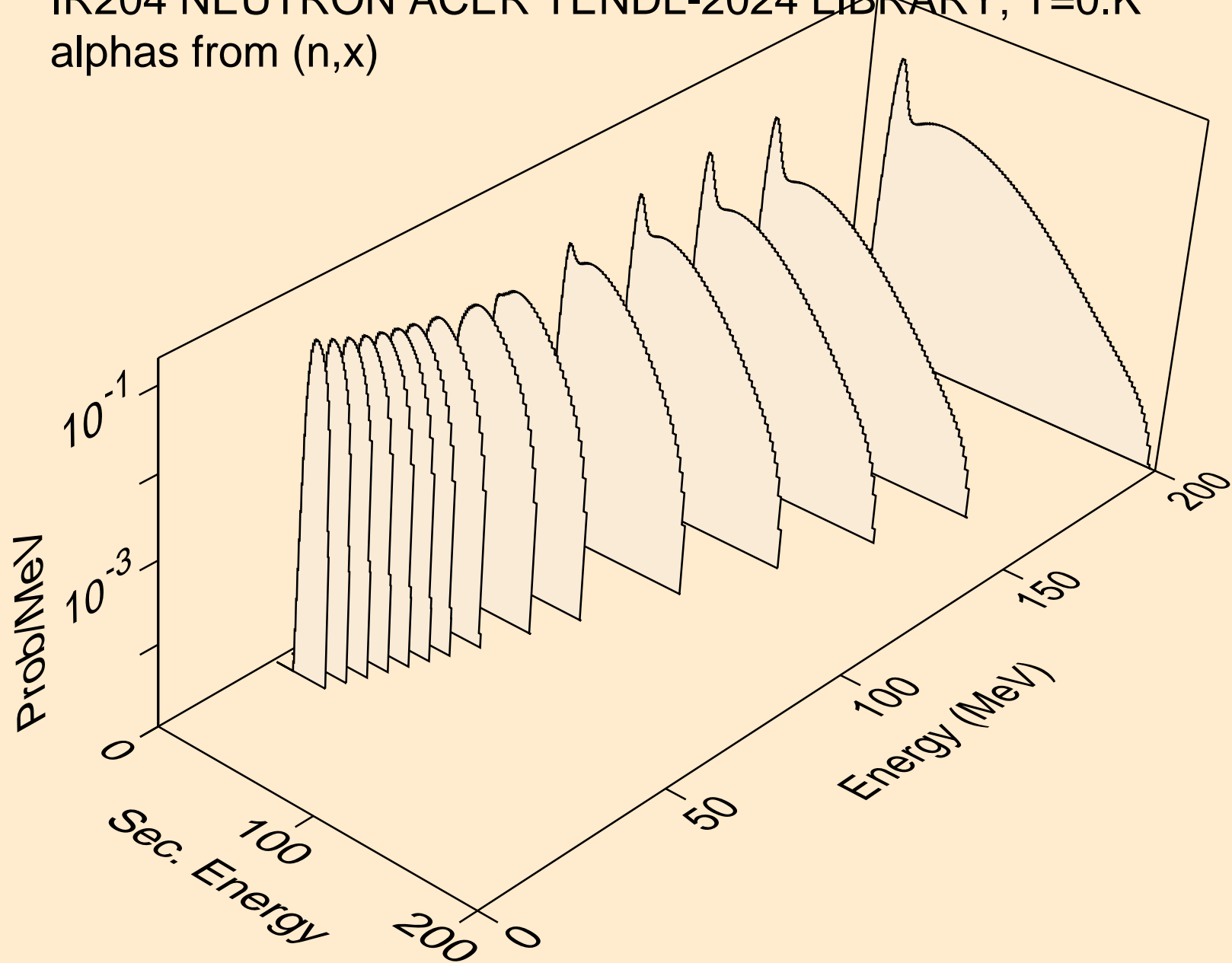
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



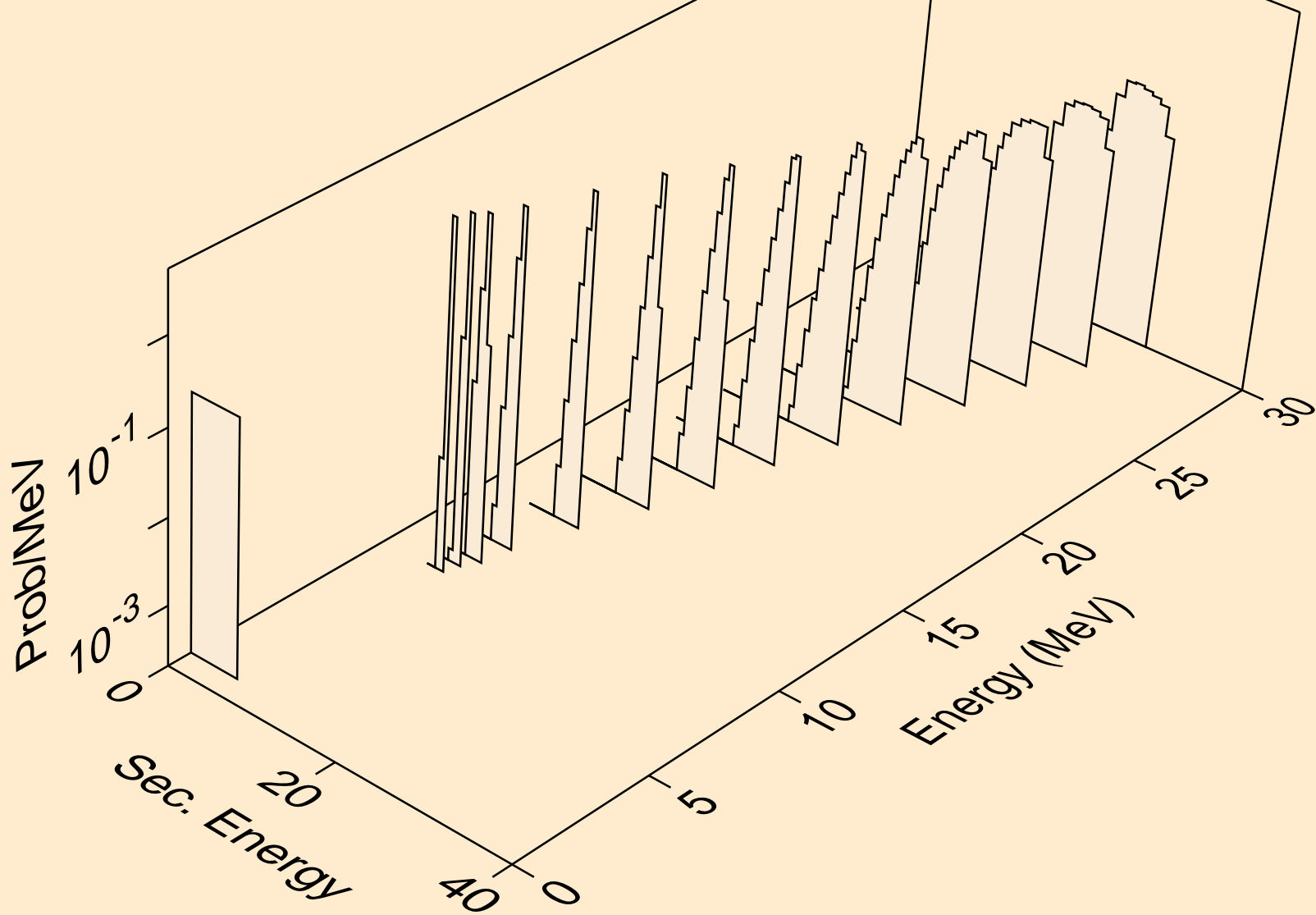
IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)



IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)

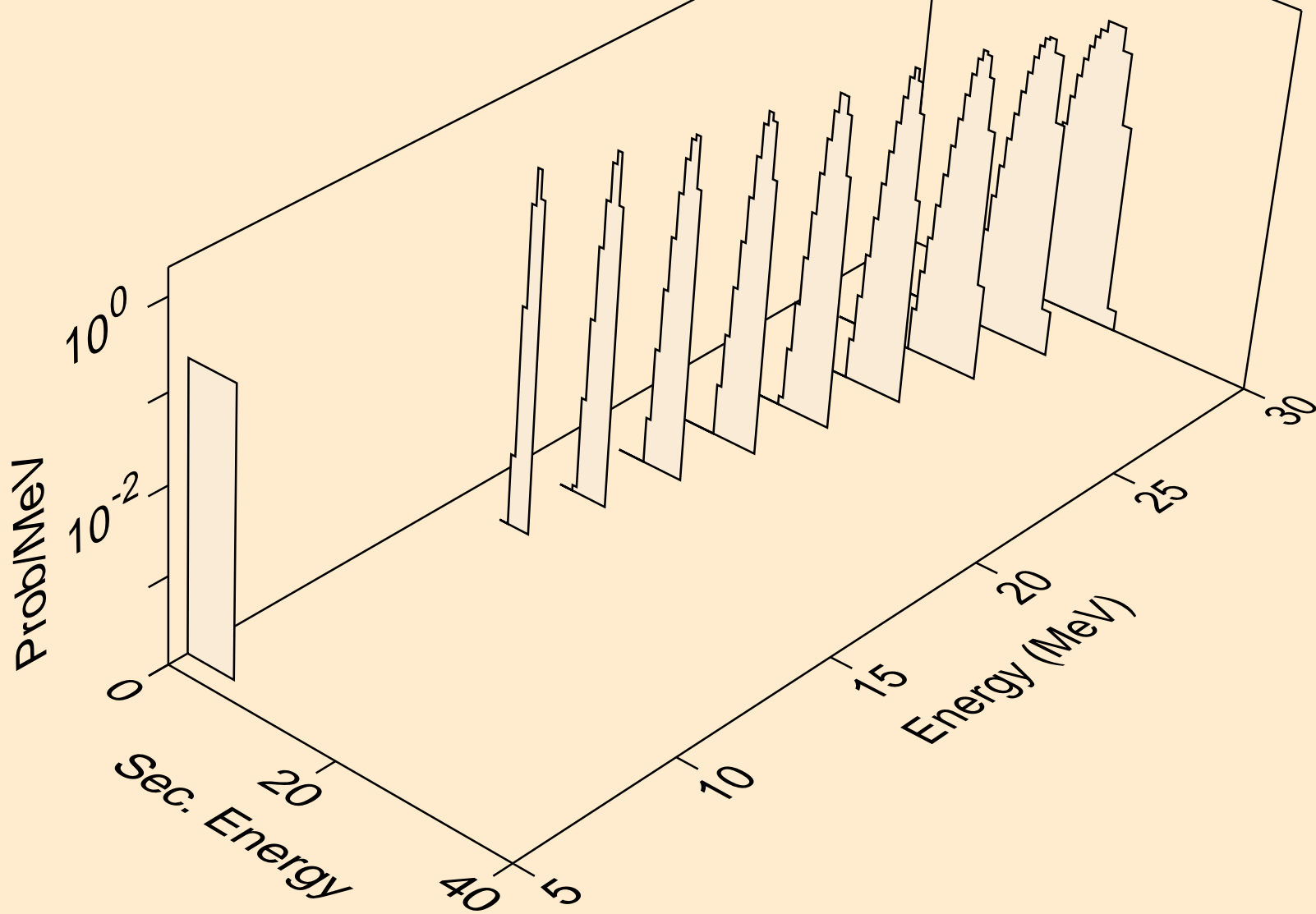


IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a

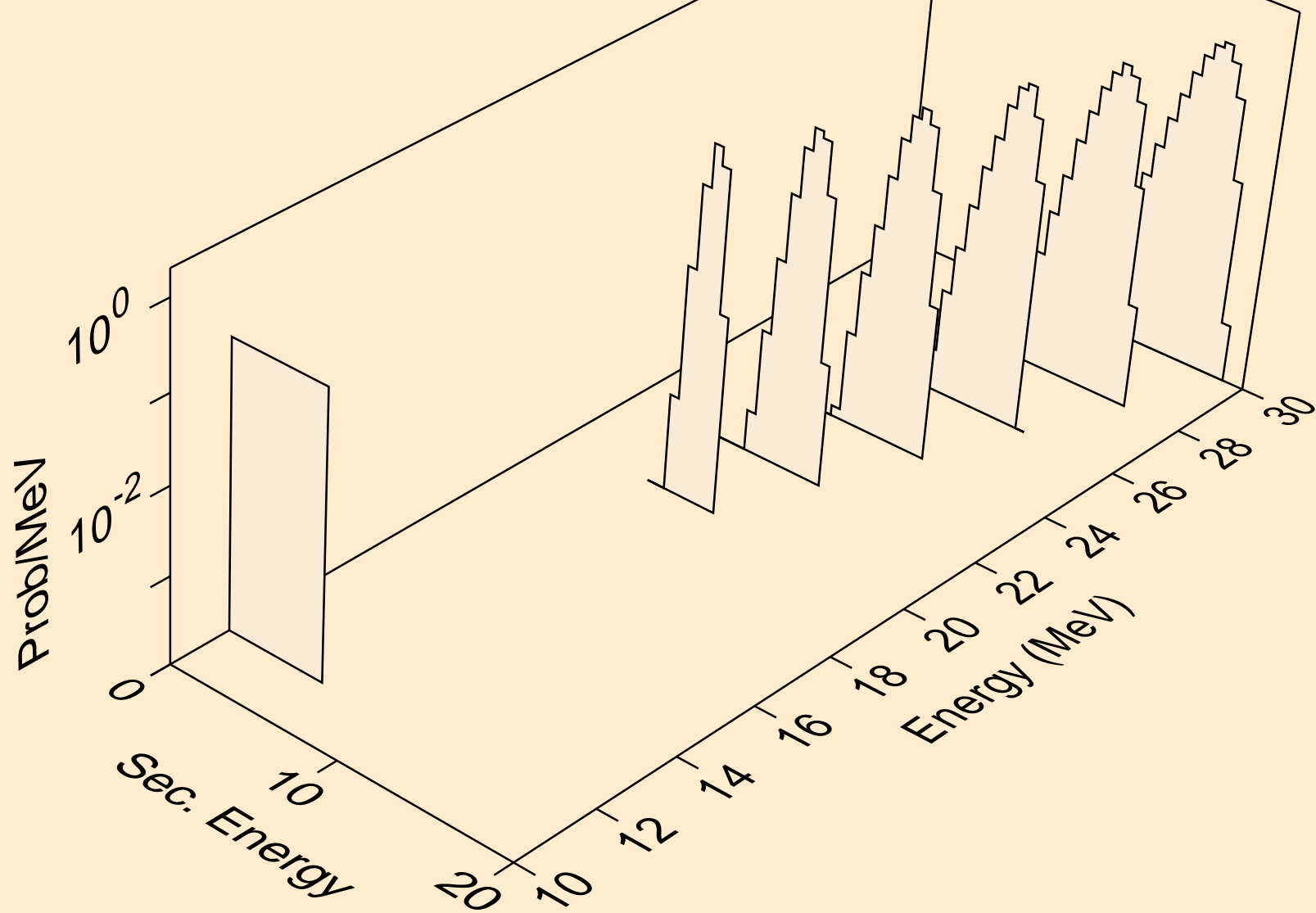




IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



IR204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)

