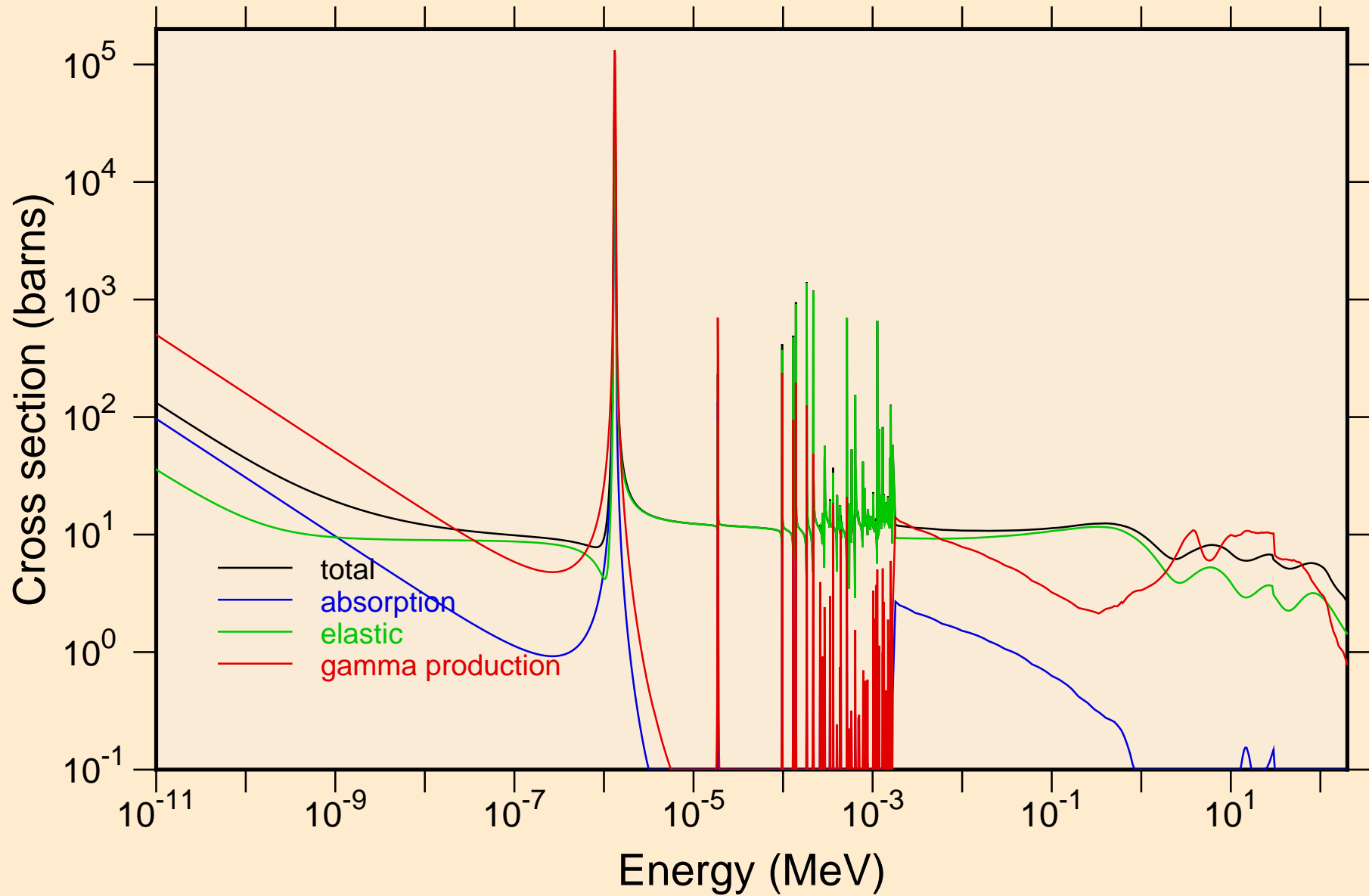
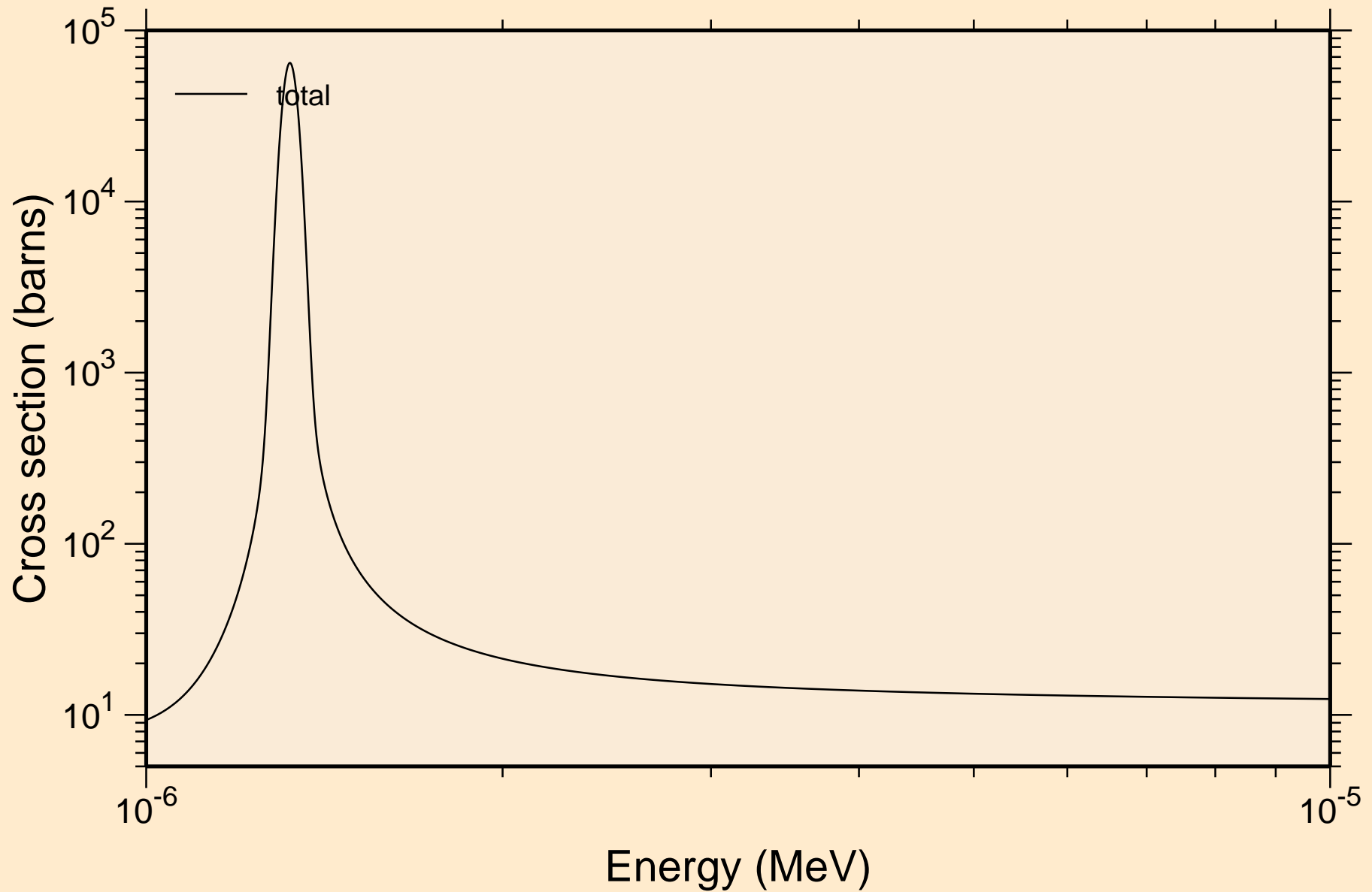


# BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

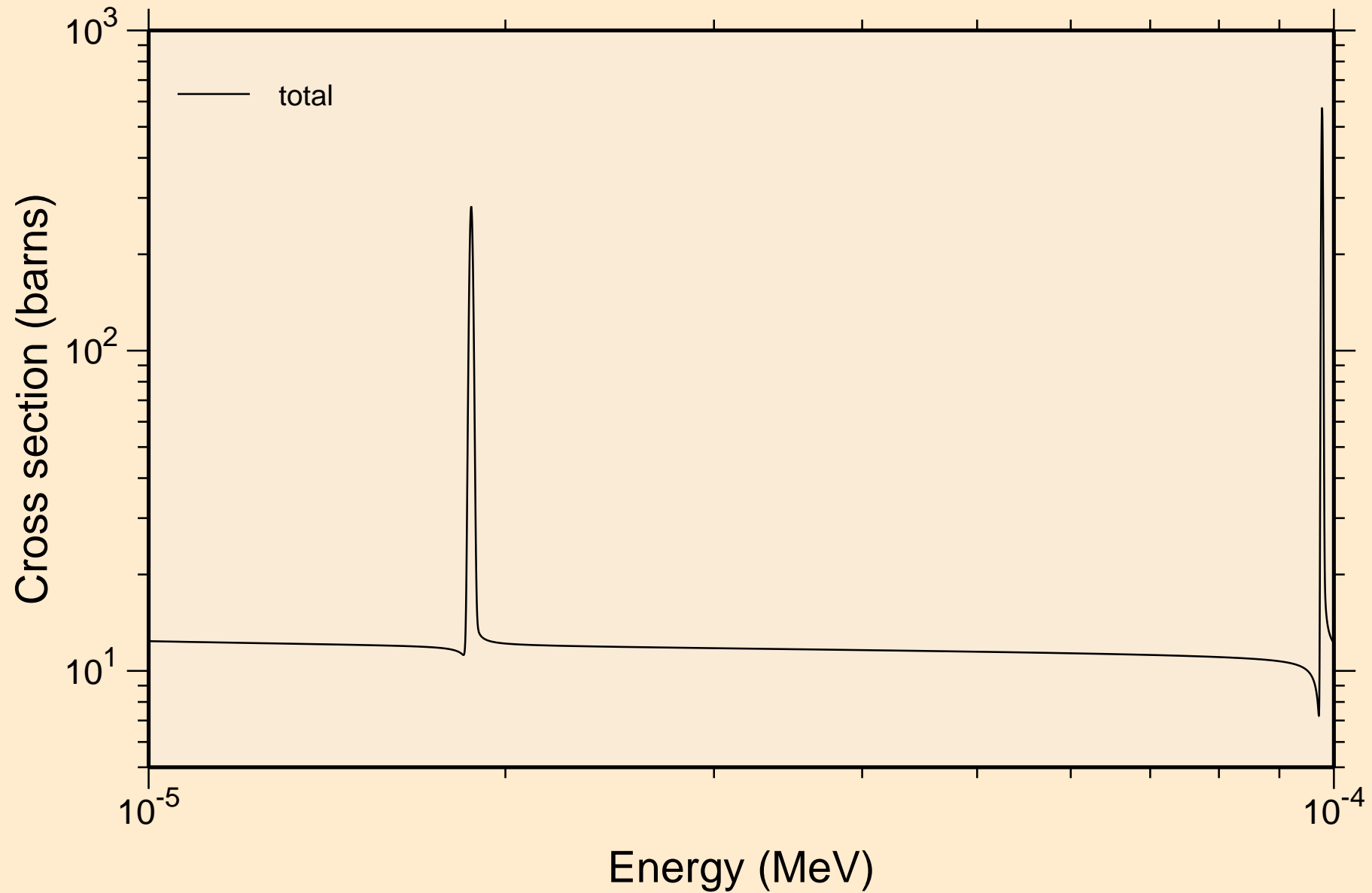
## Principal cross sections



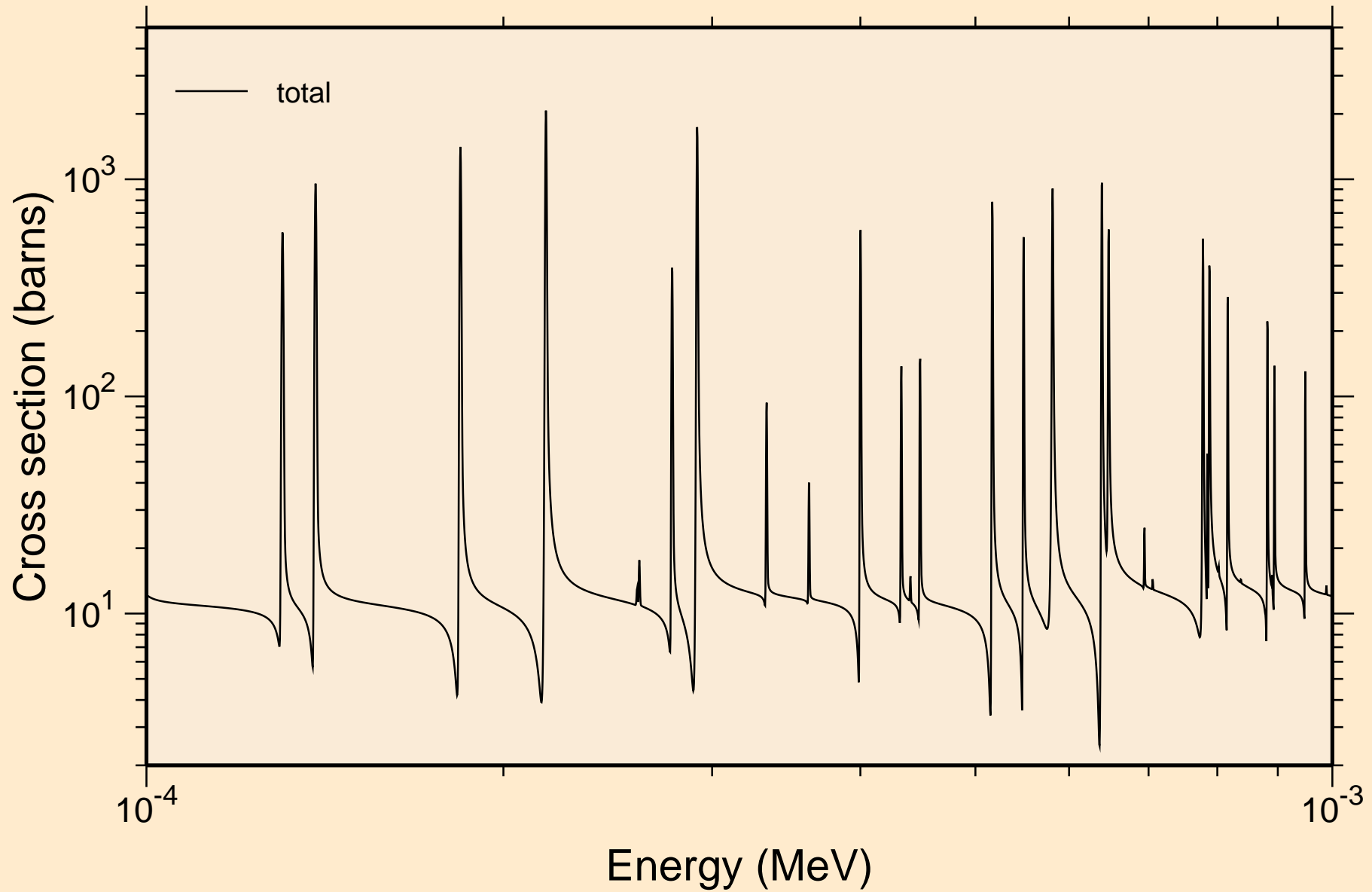
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



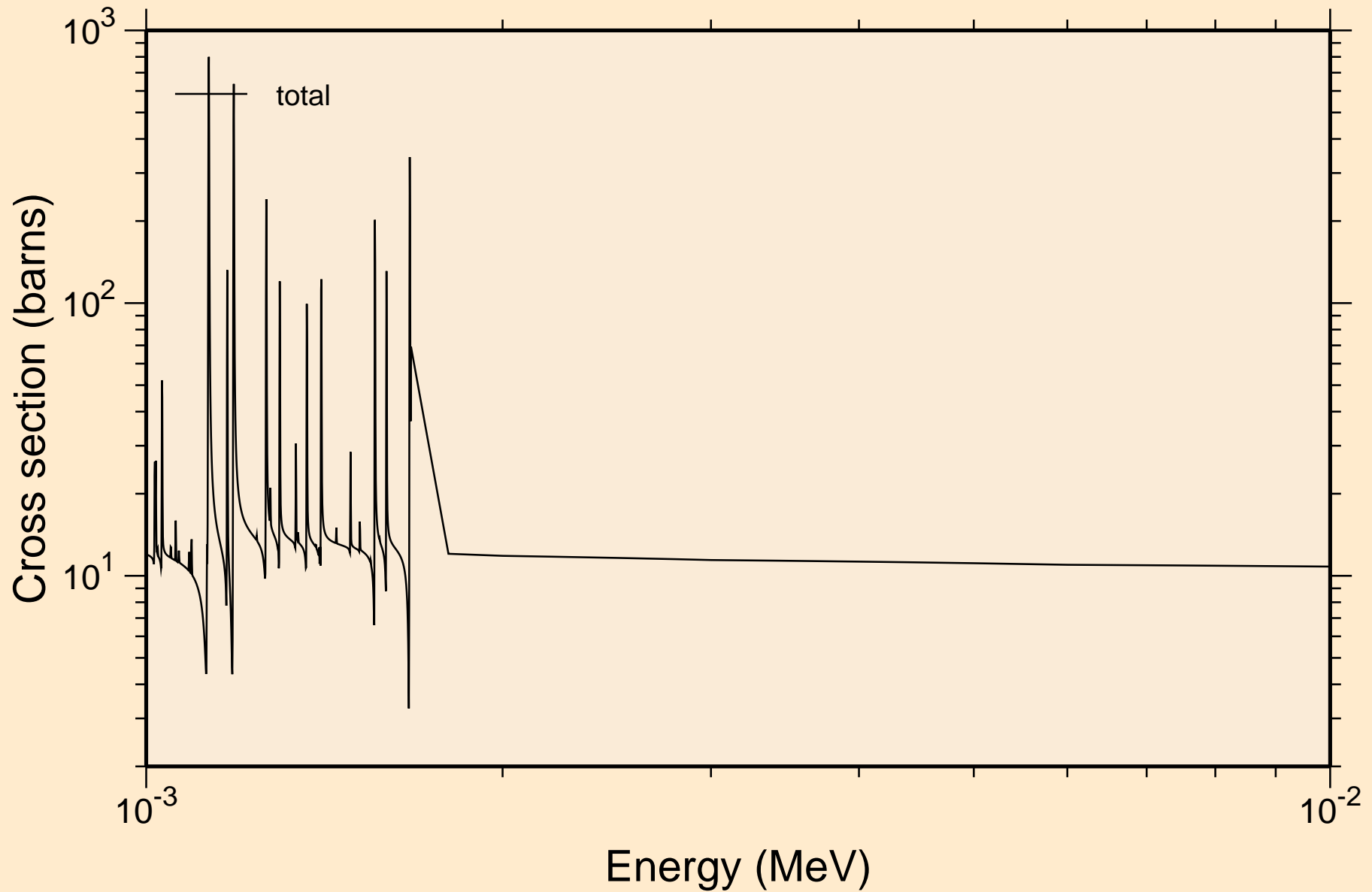
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



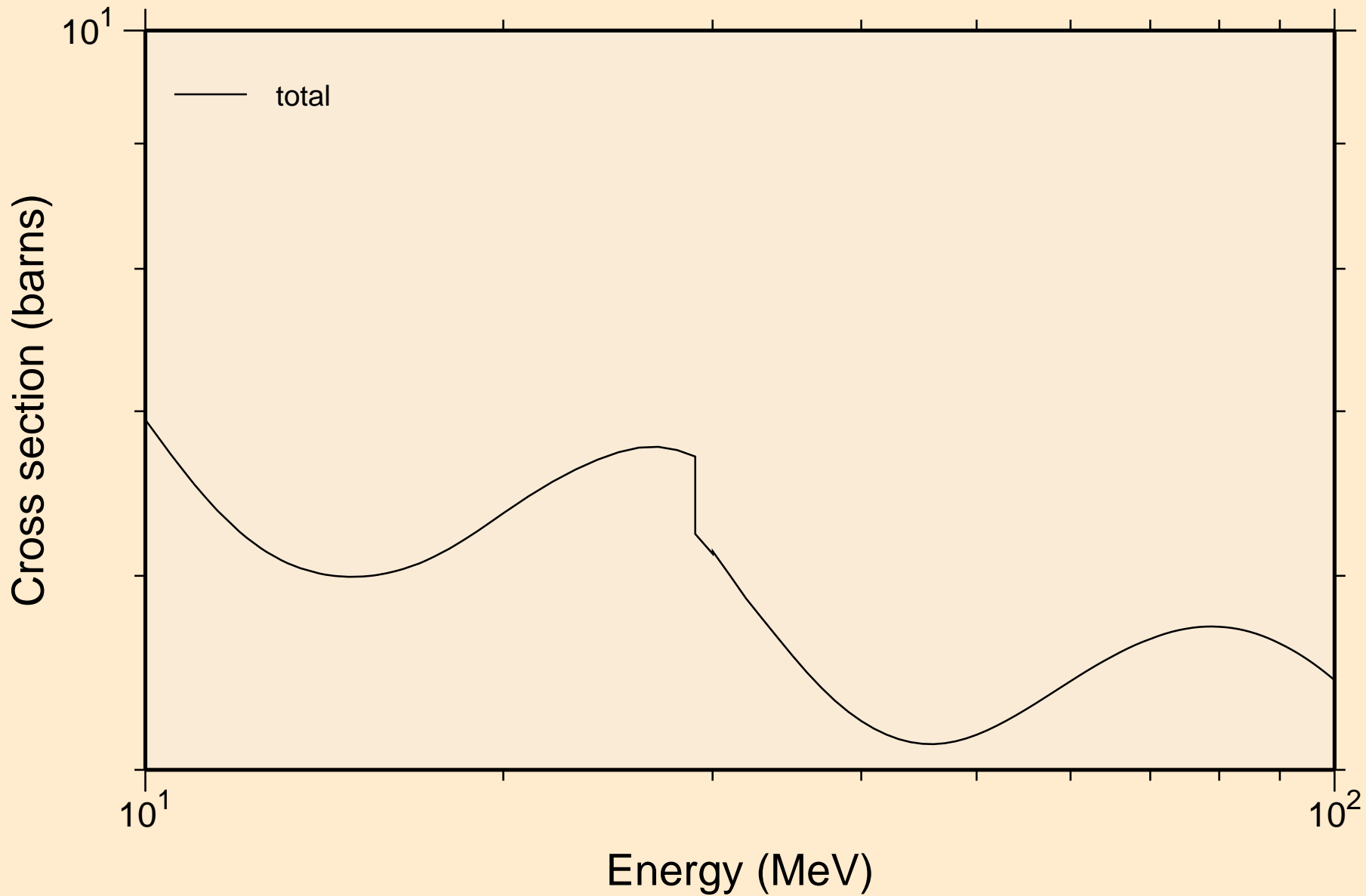
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



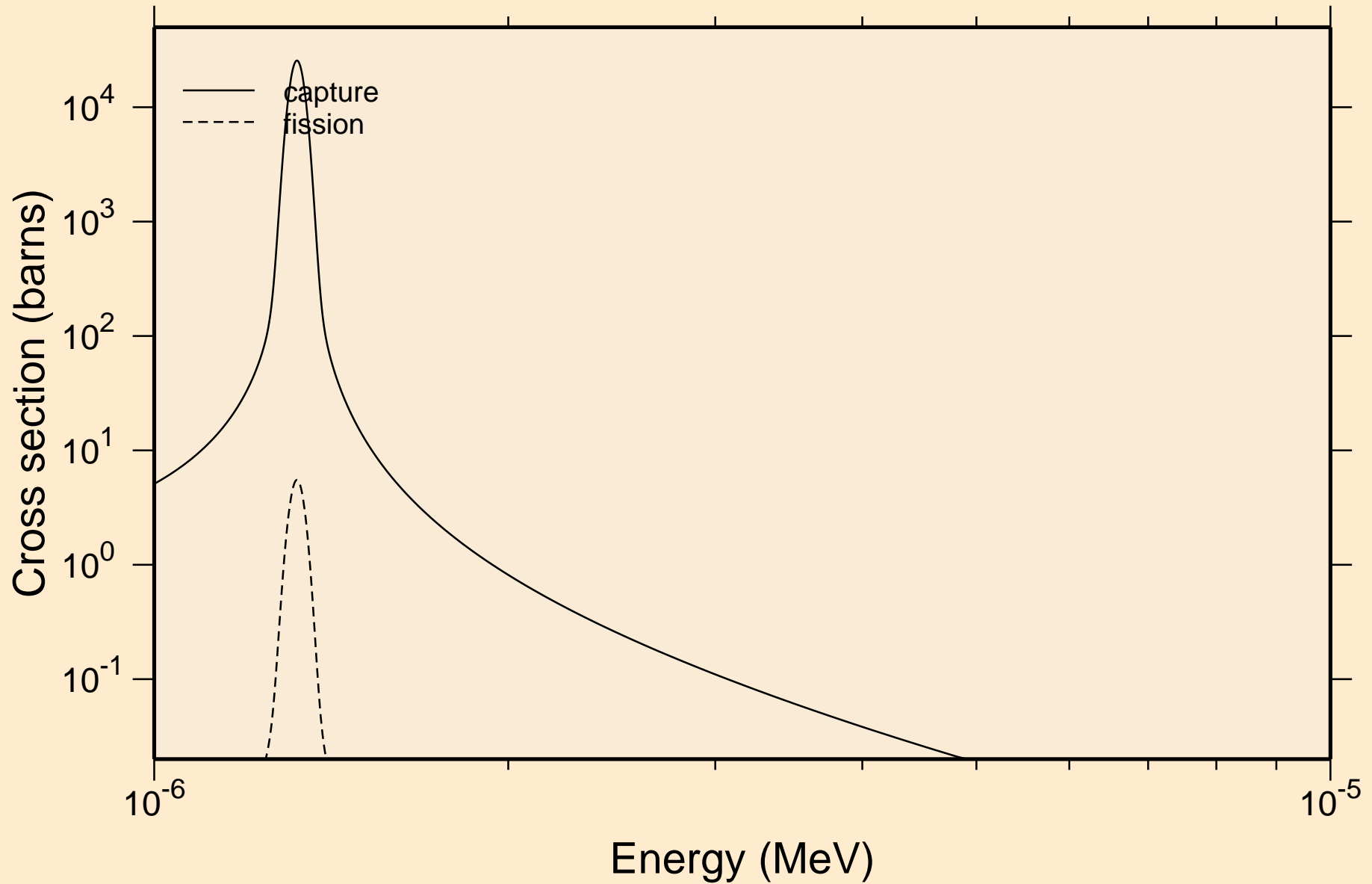
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



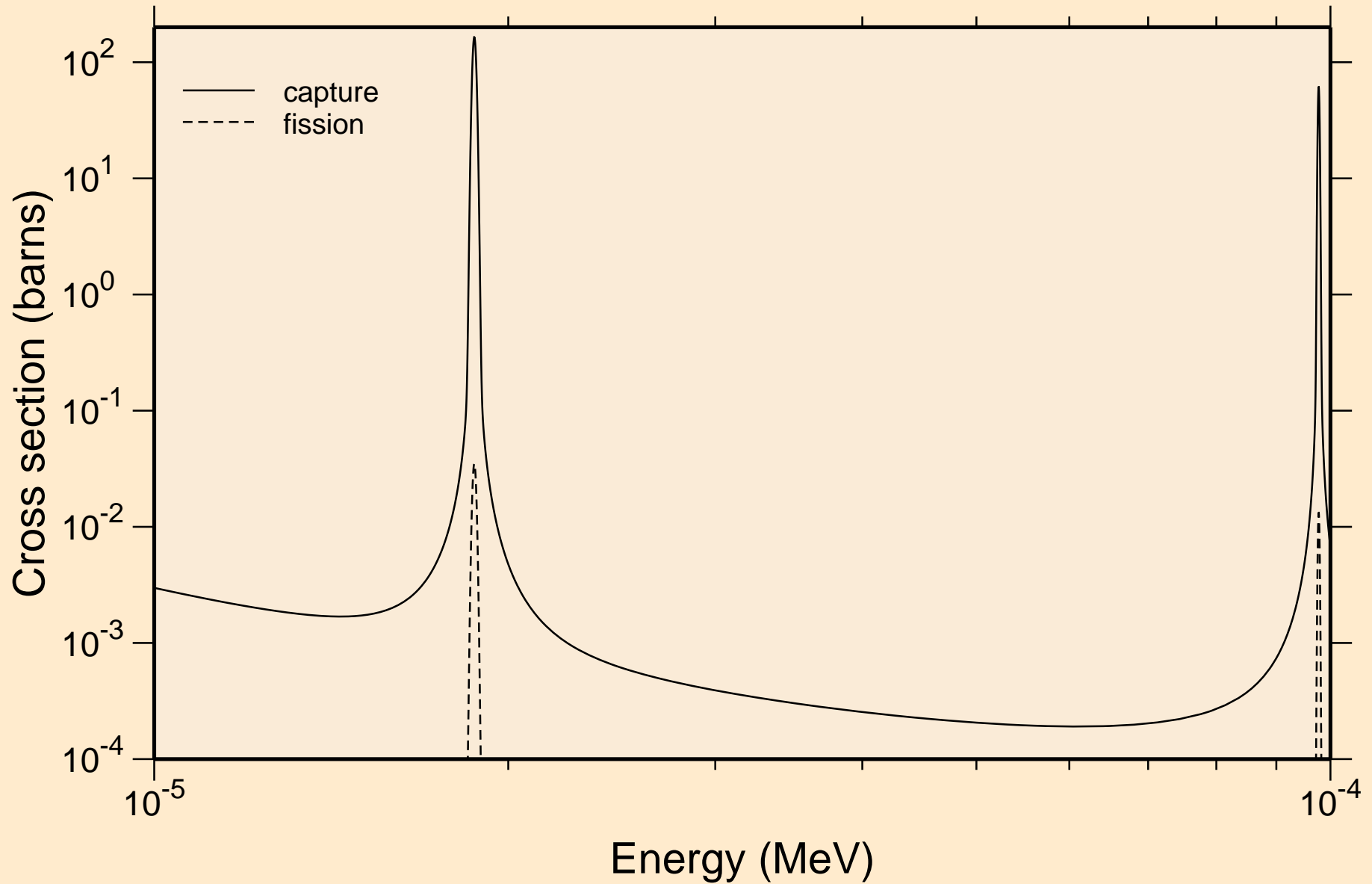
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

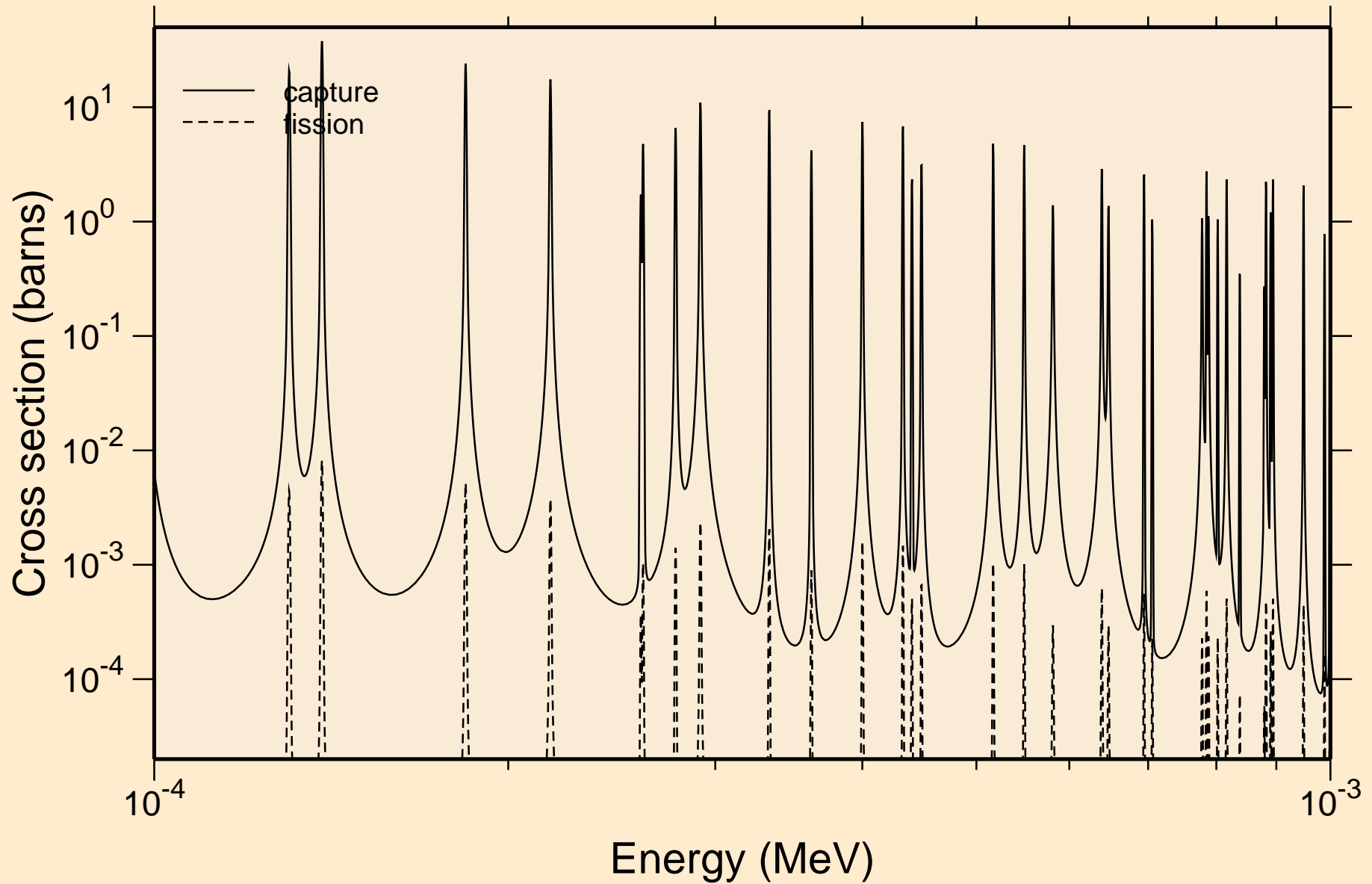


BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

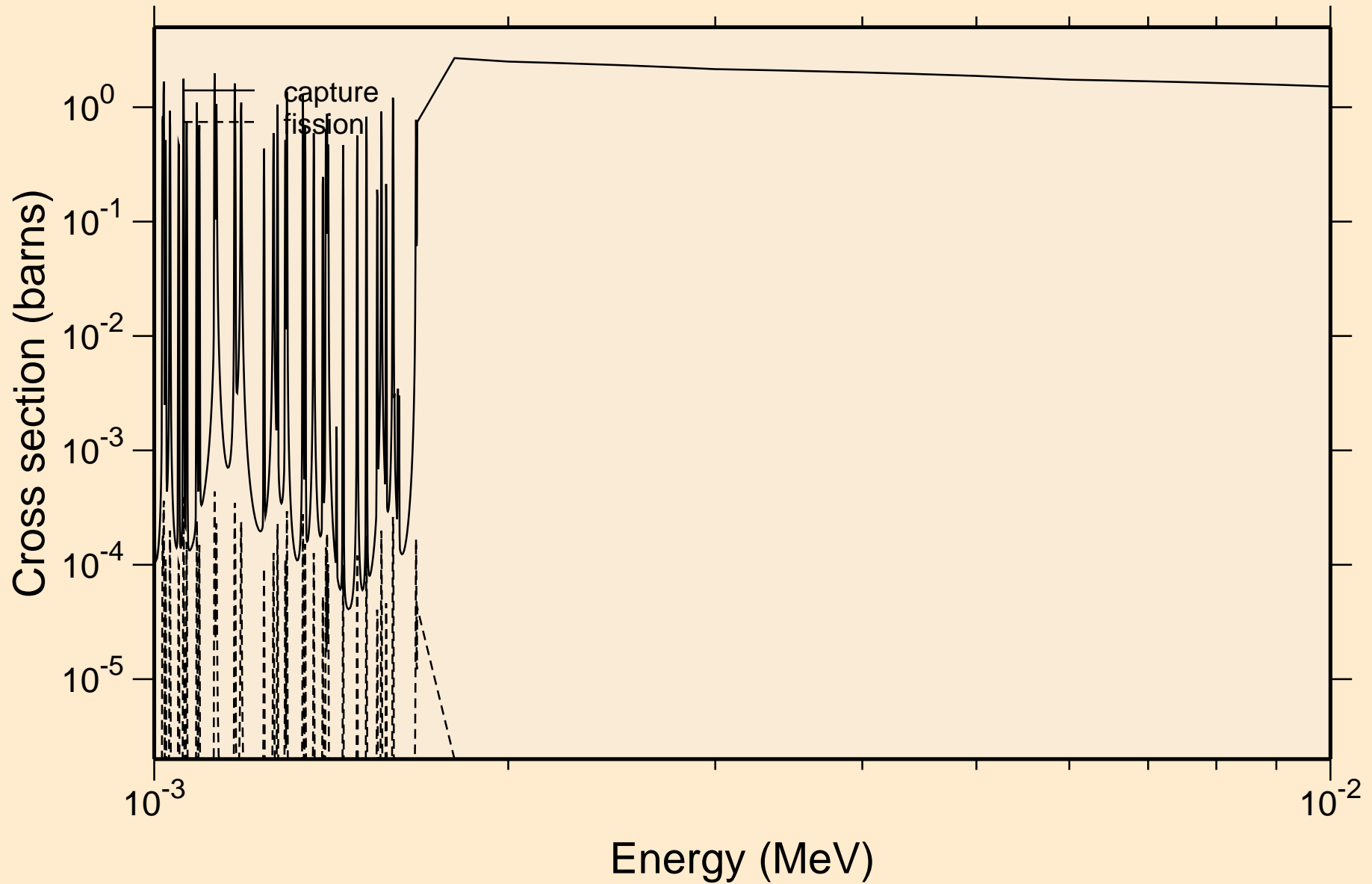




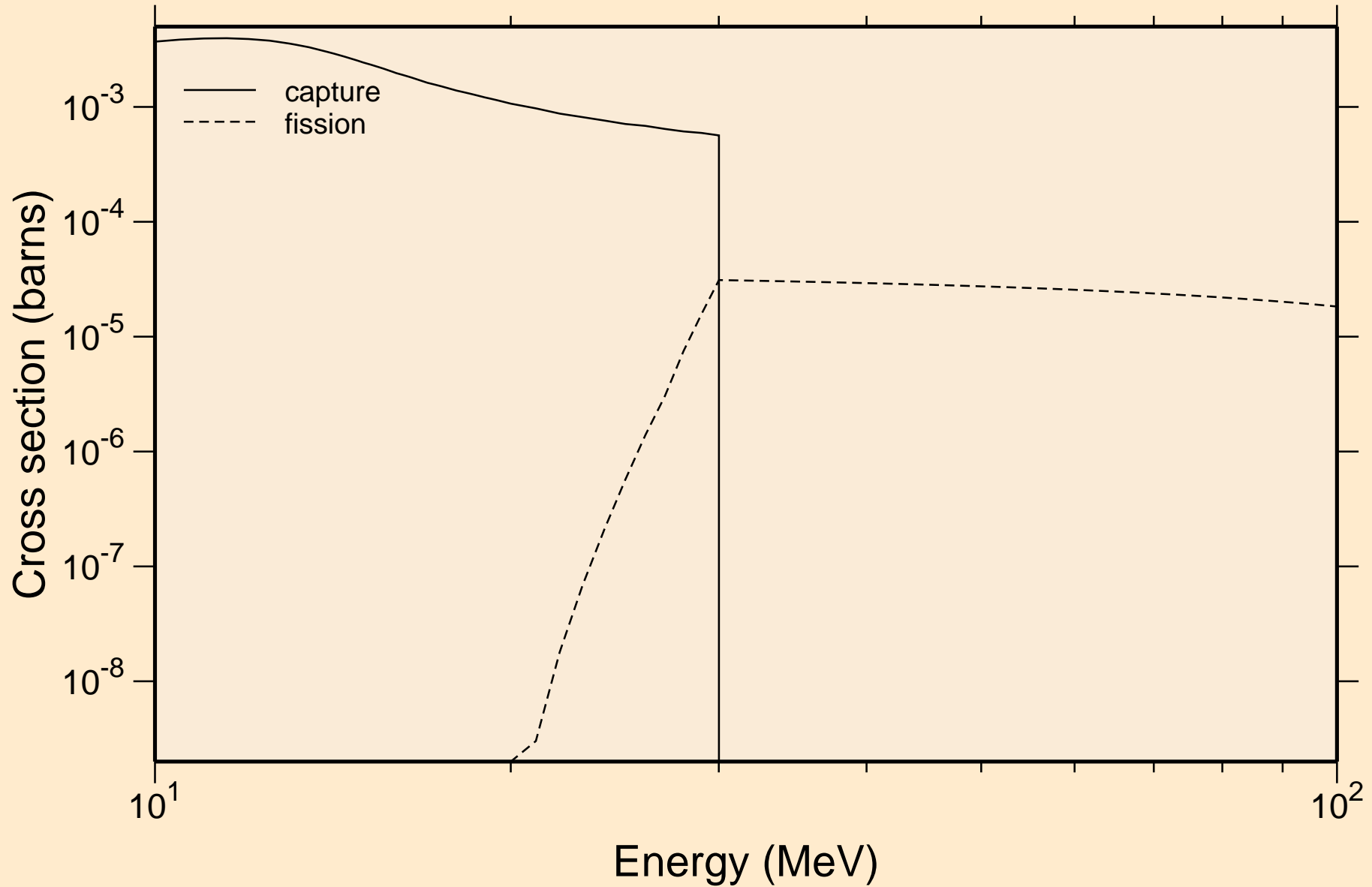
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

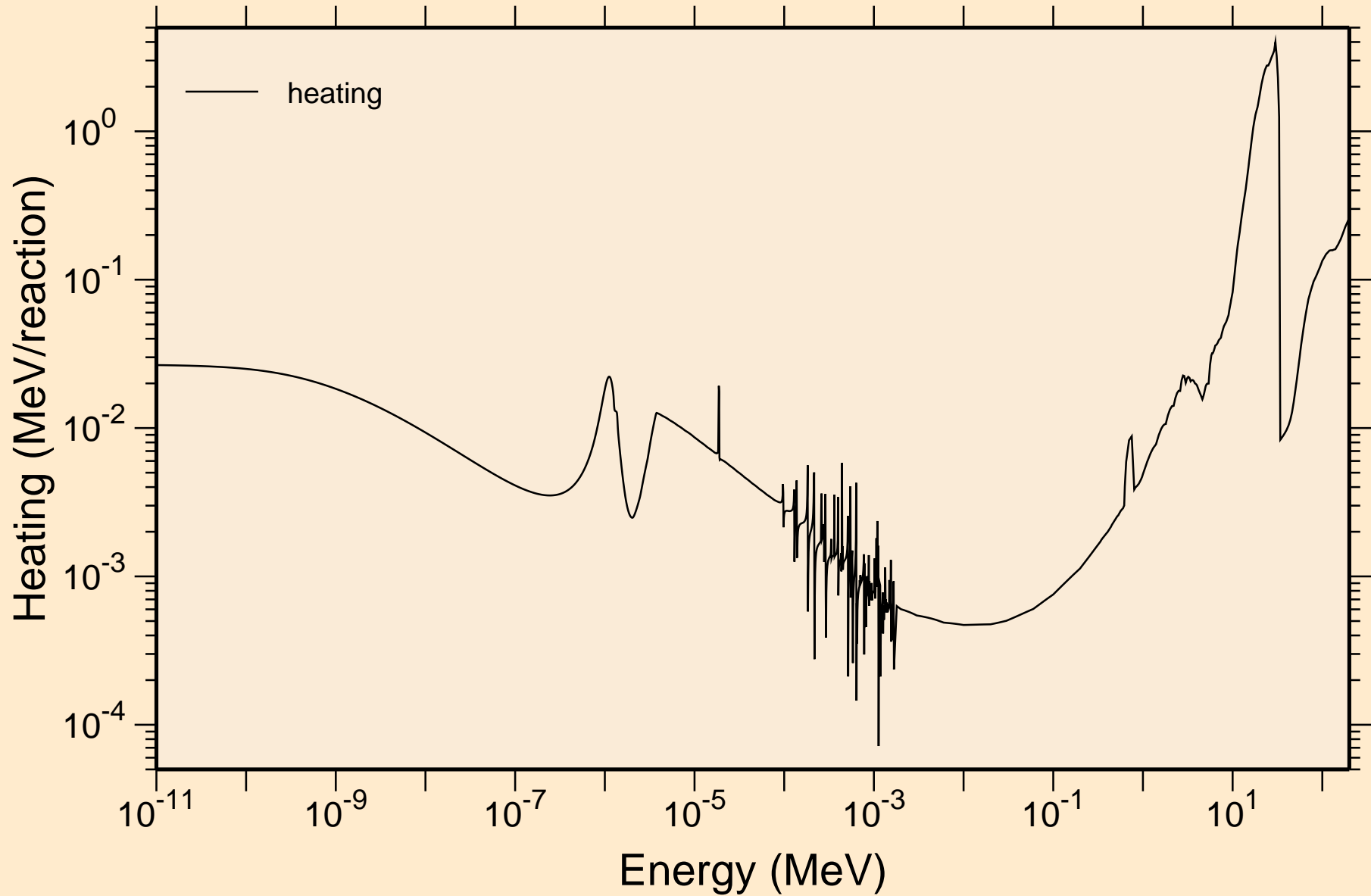


BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

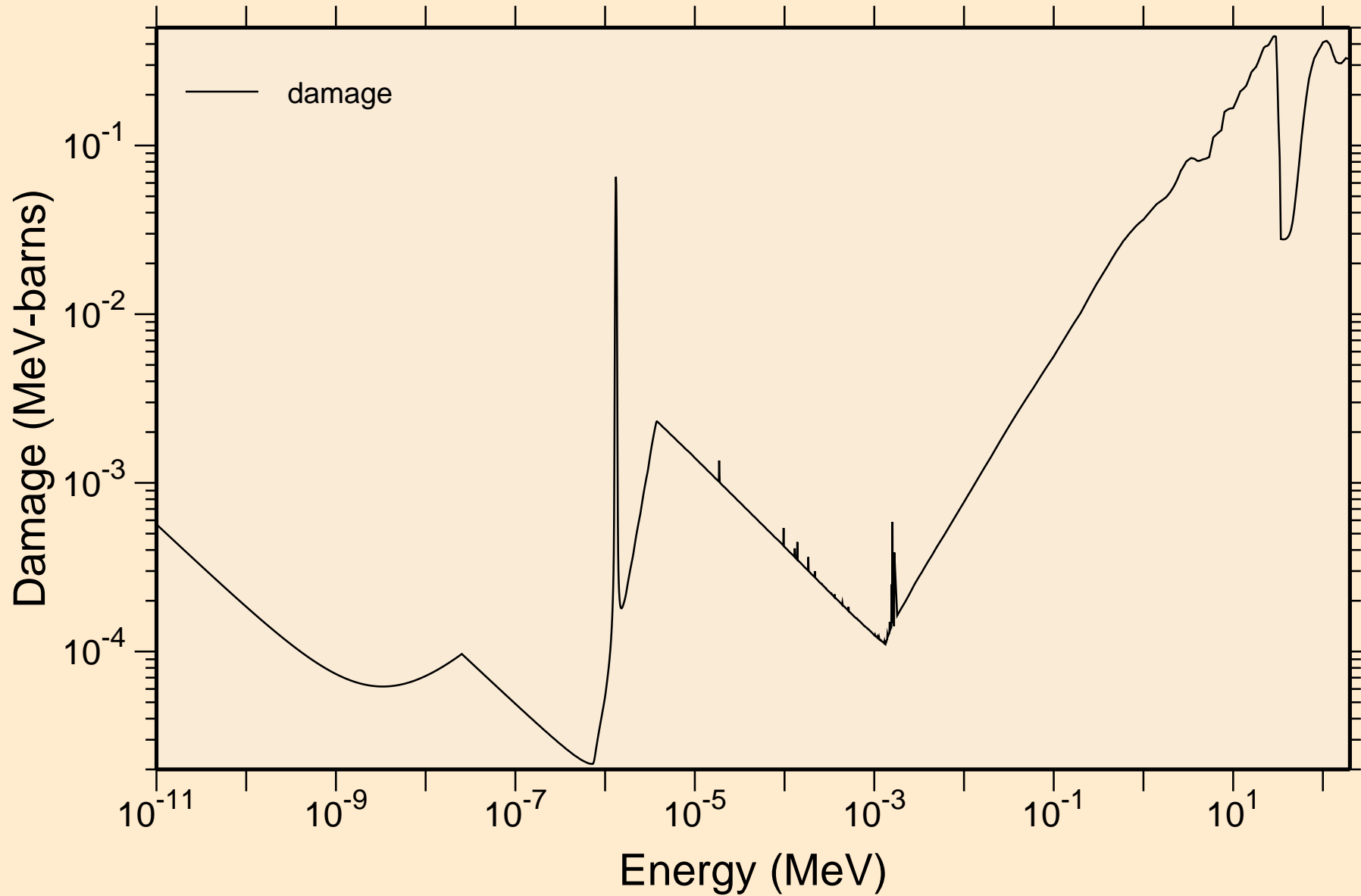


# BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

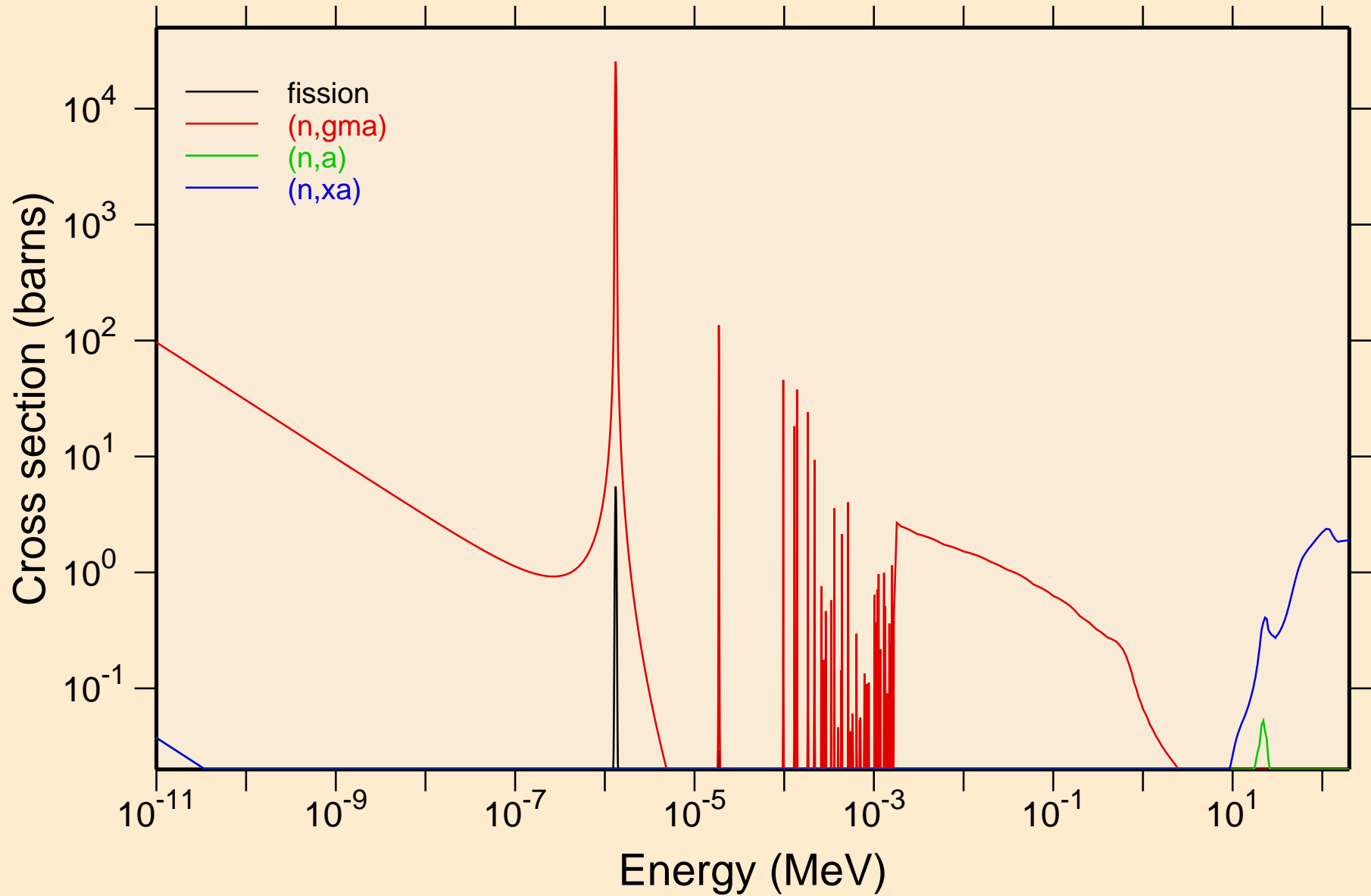
## Heating



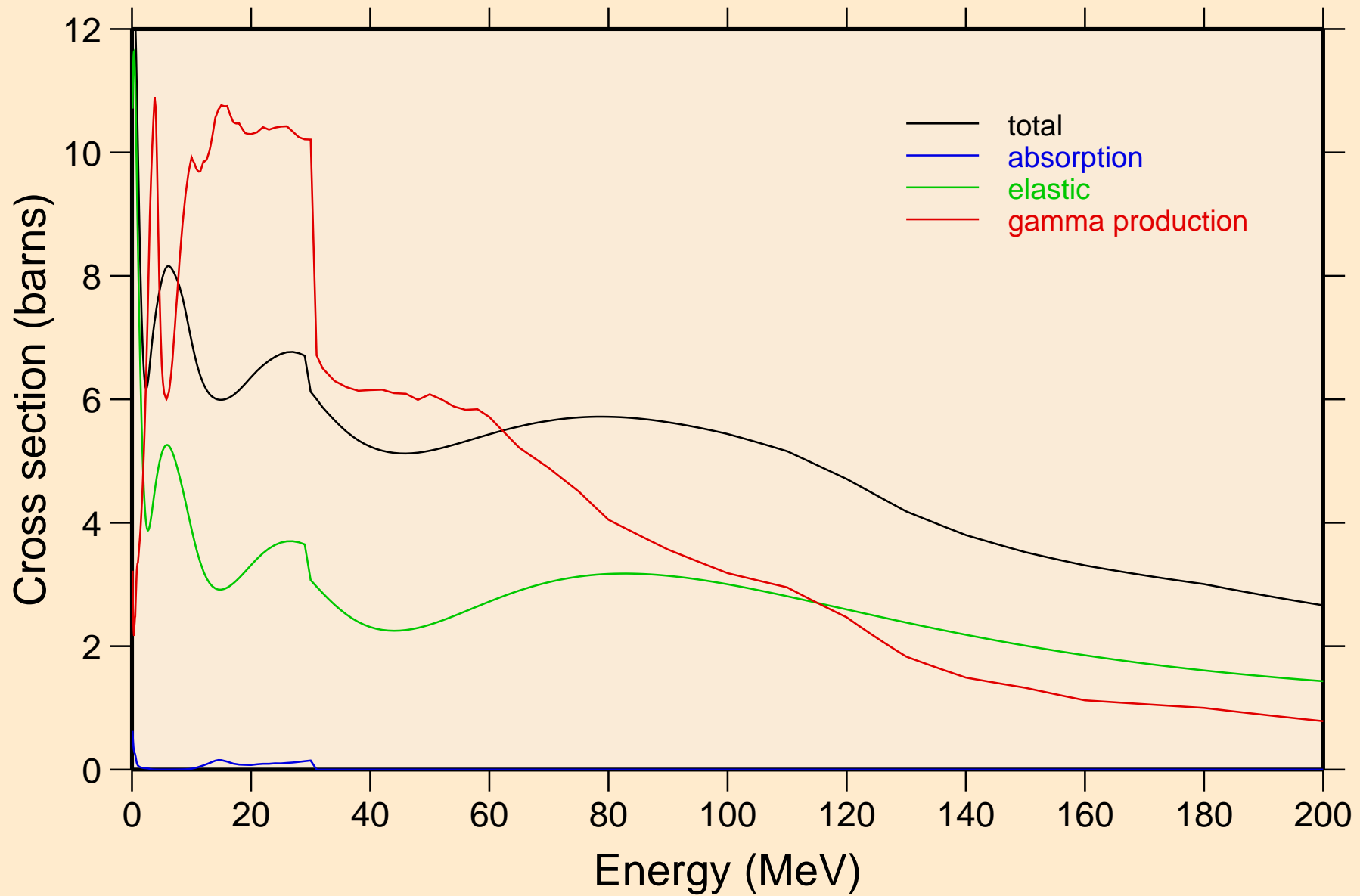
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage



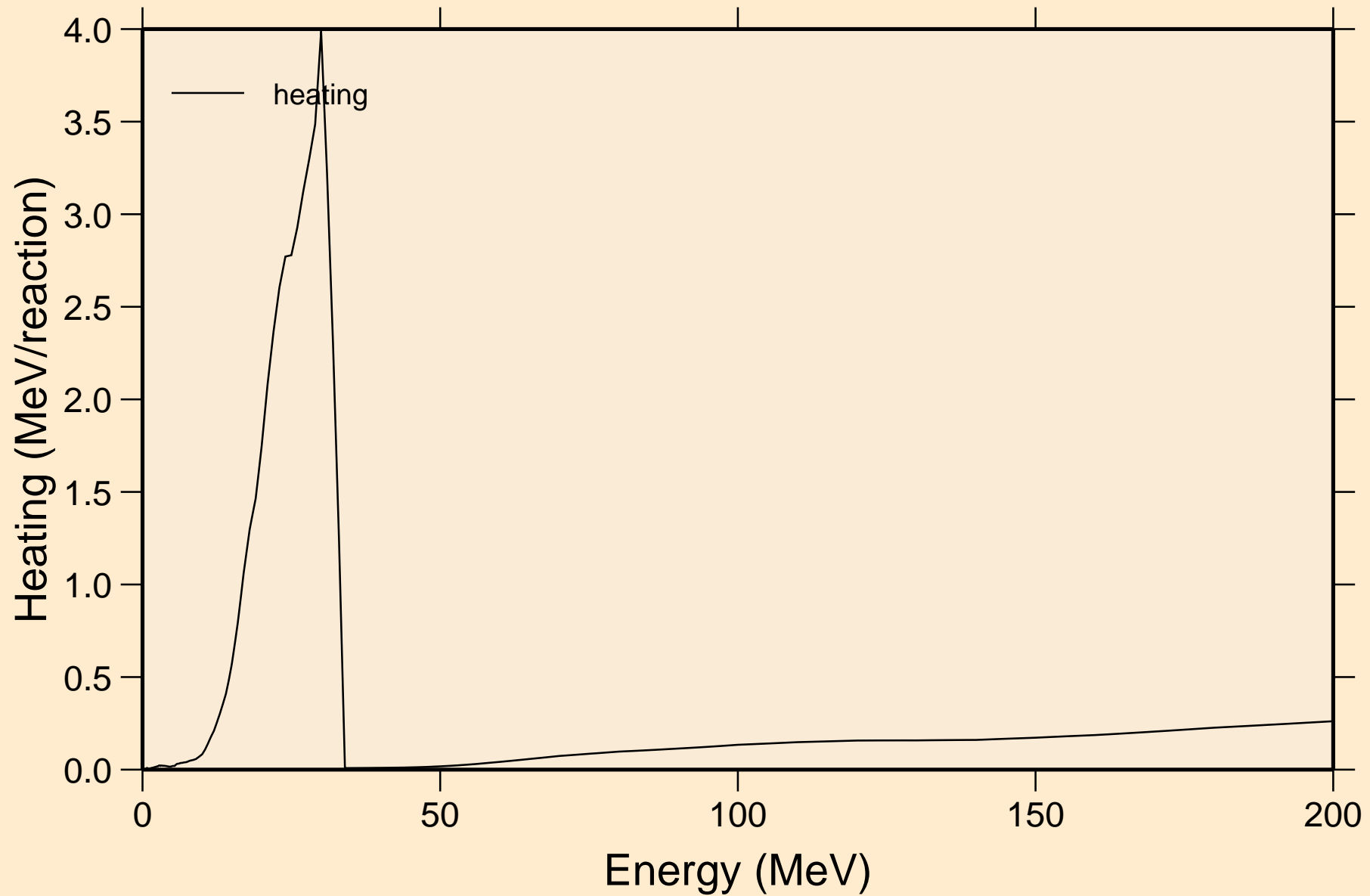
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Principal cross sections

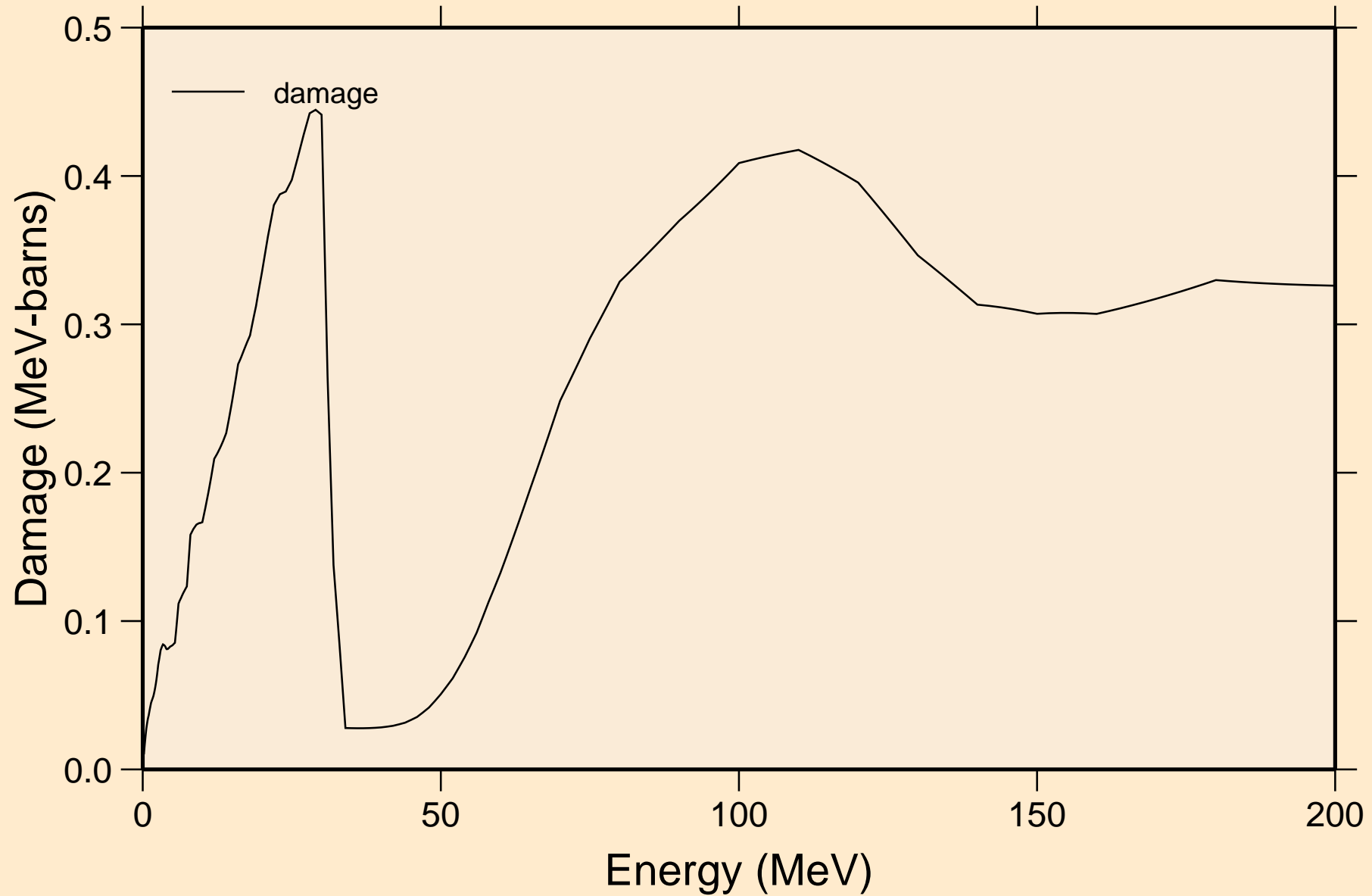


BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating

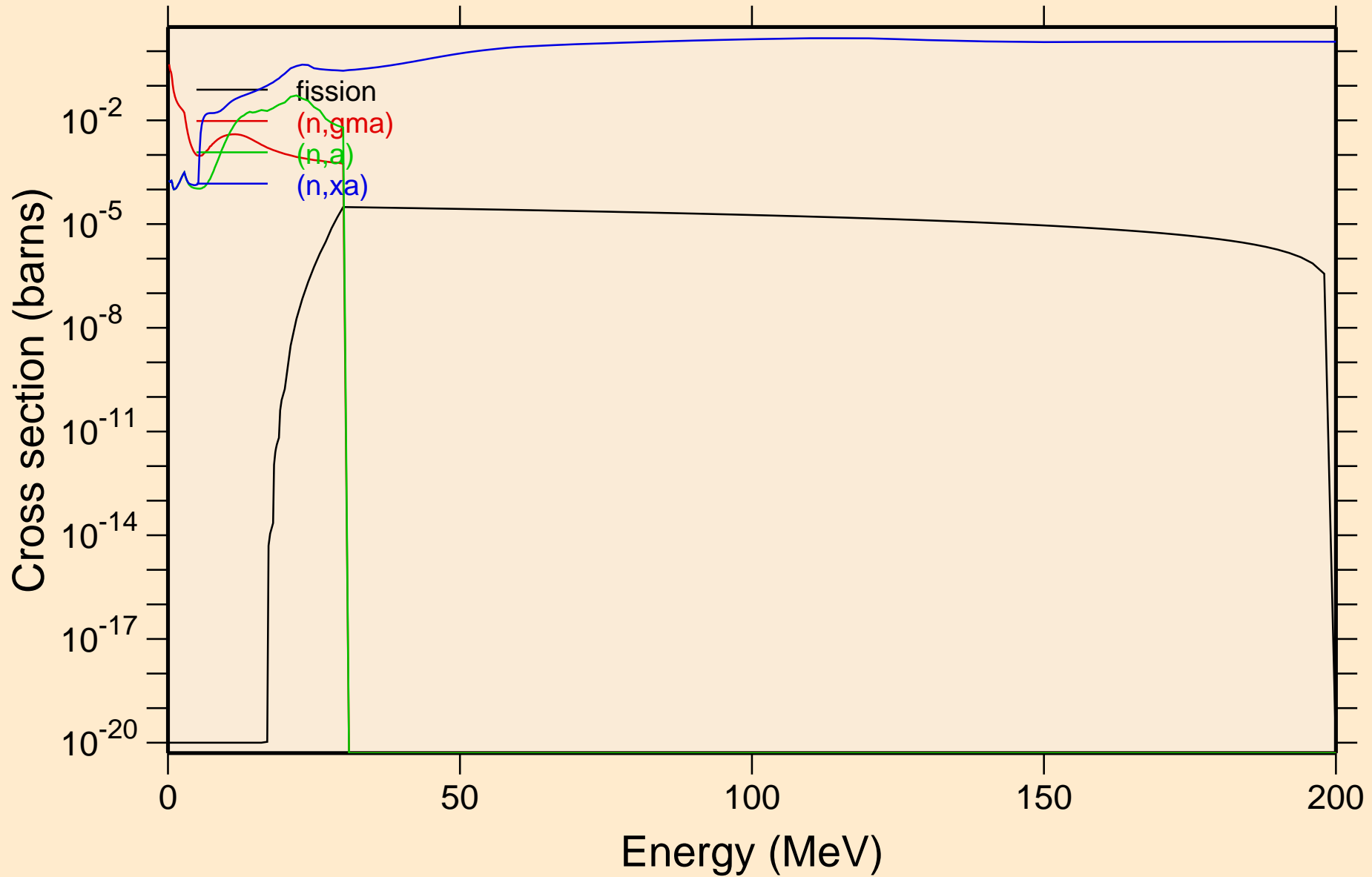




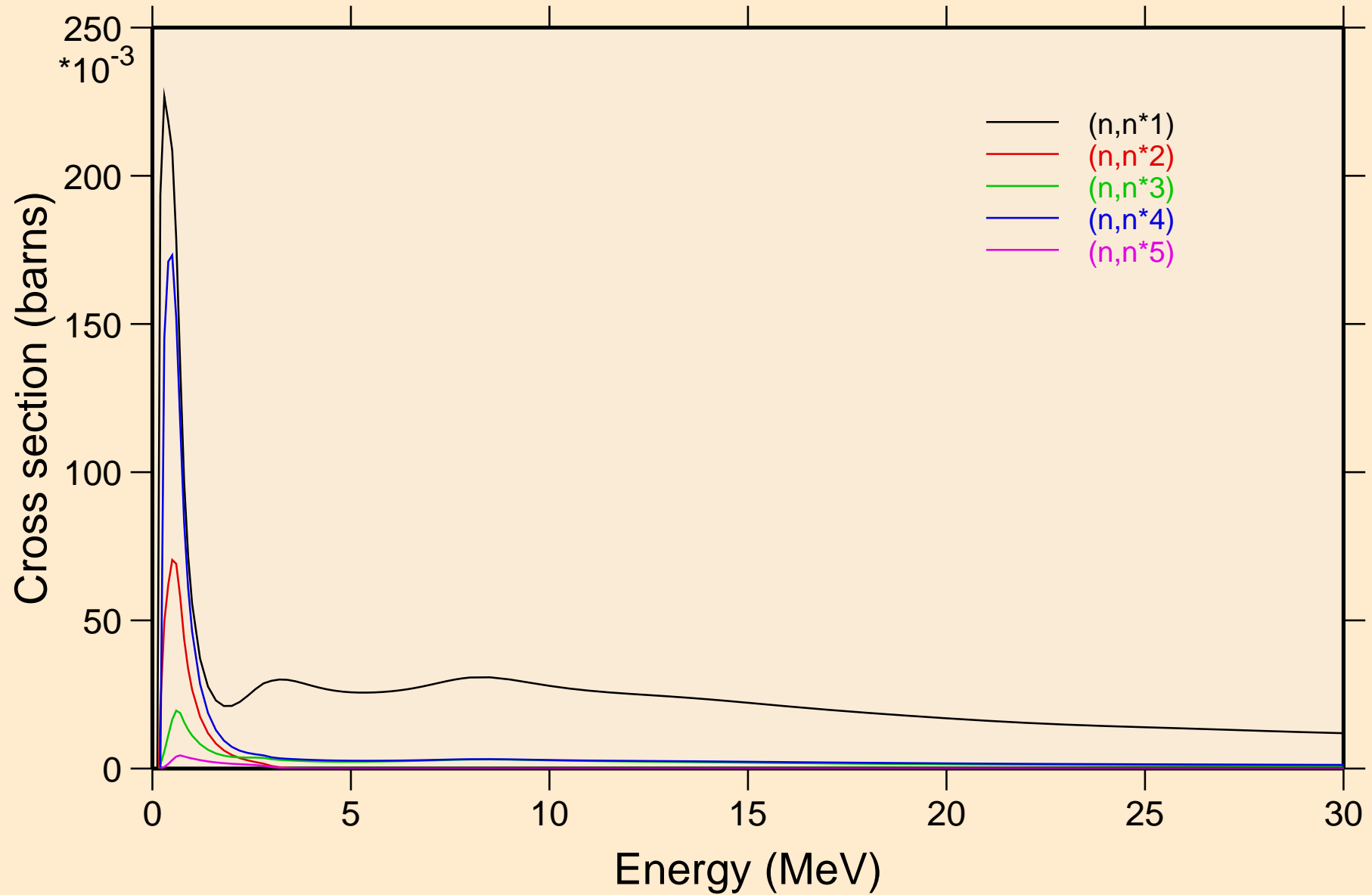
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage



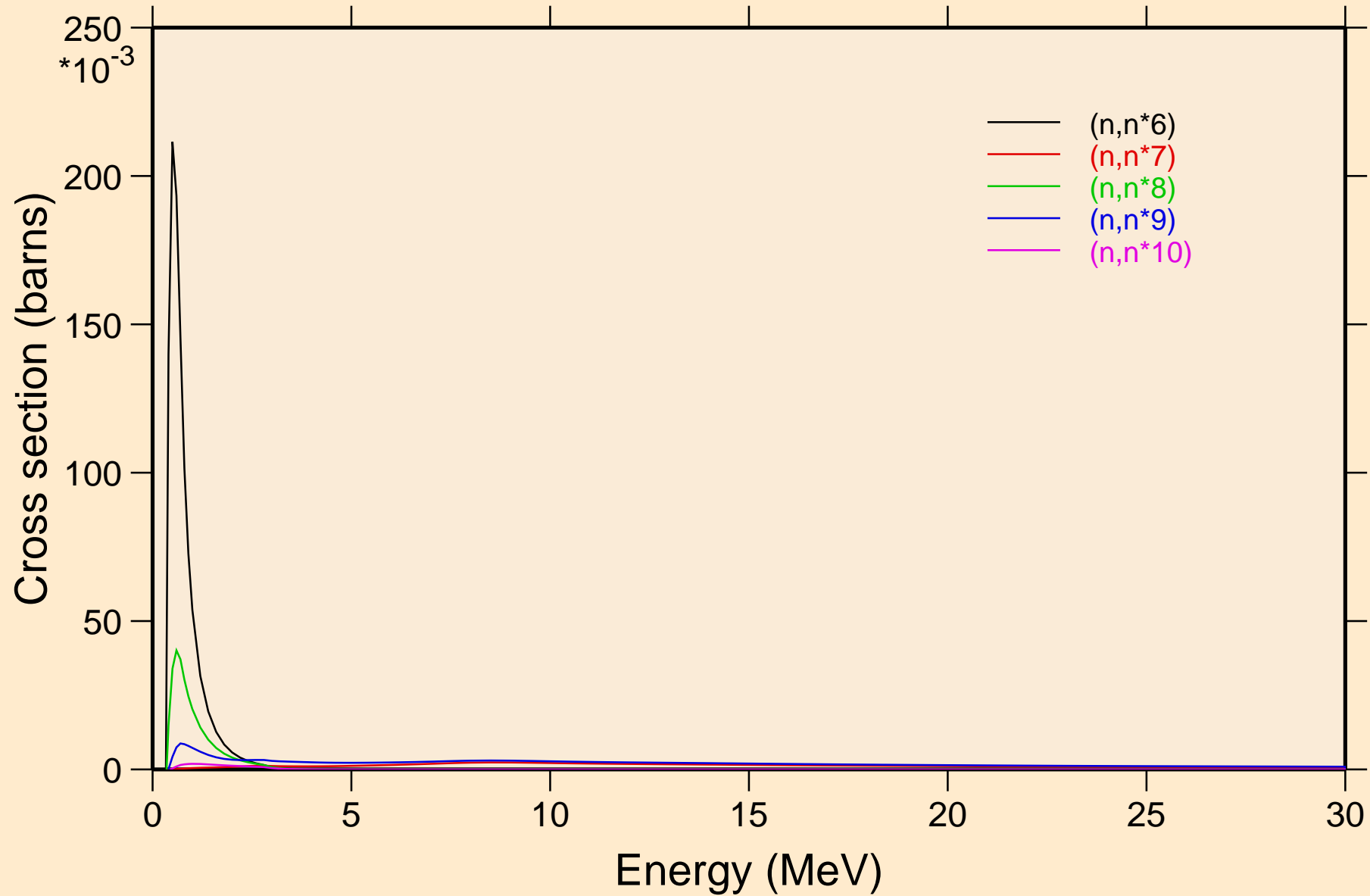
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



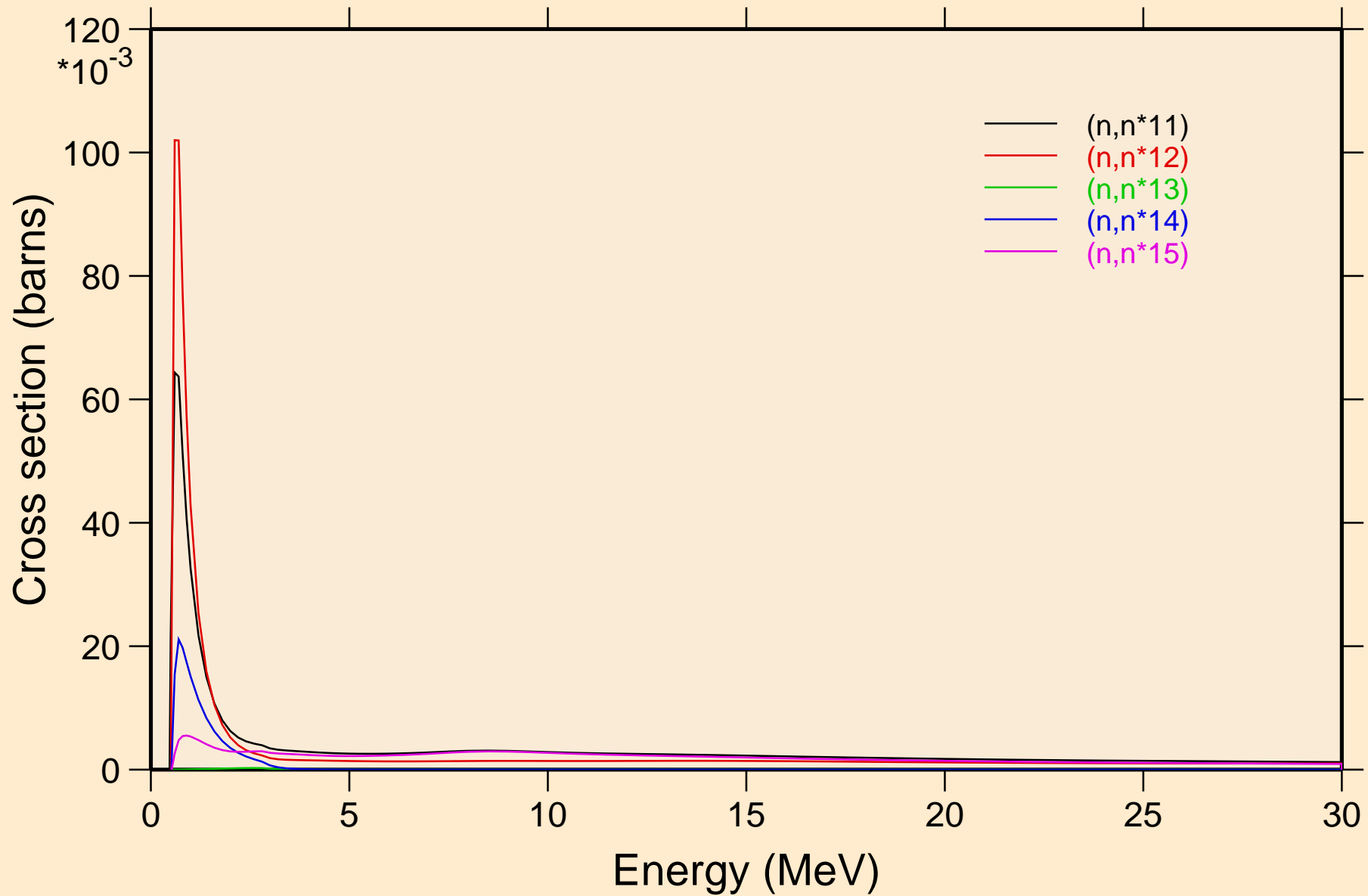
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



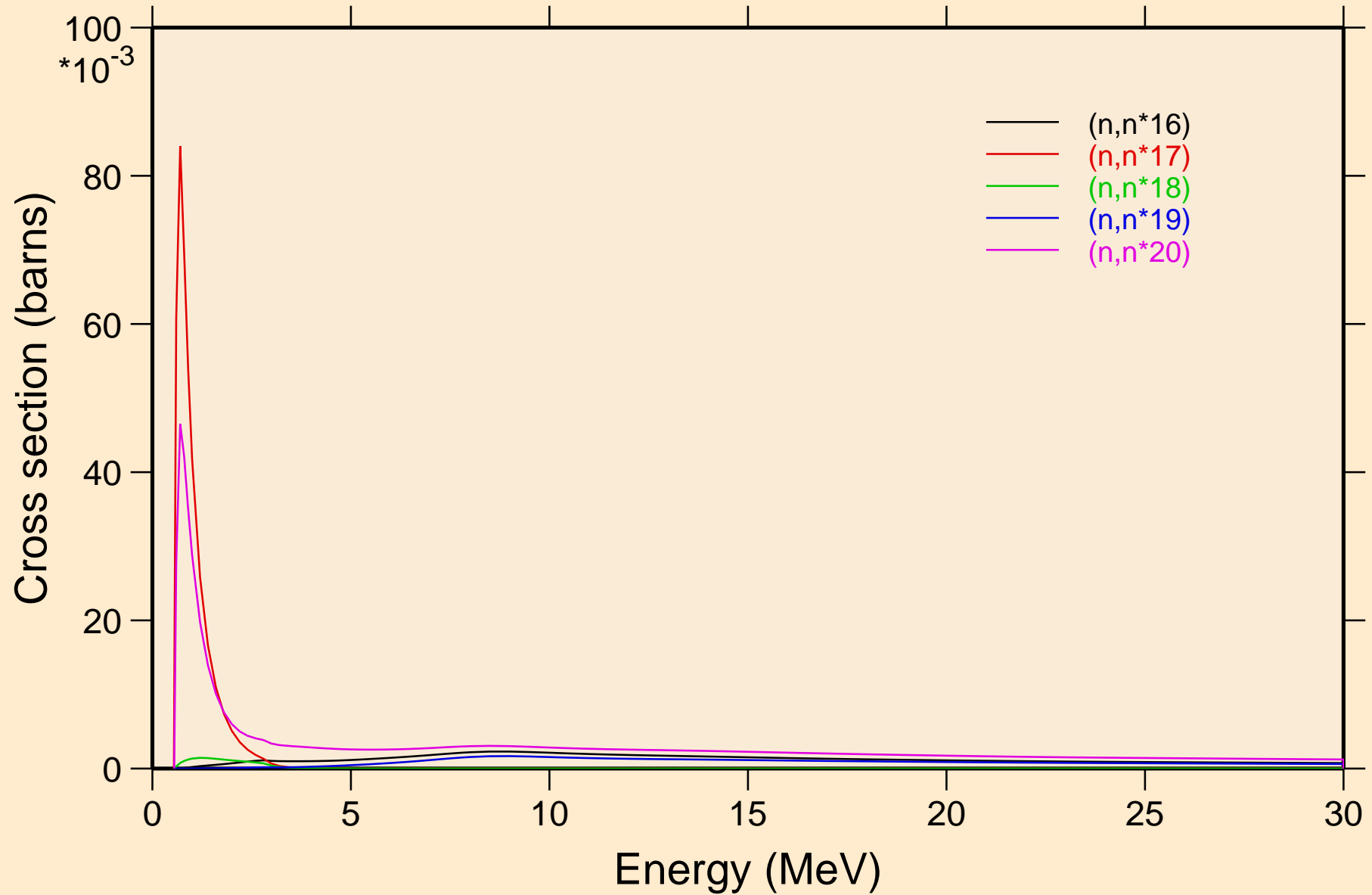
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



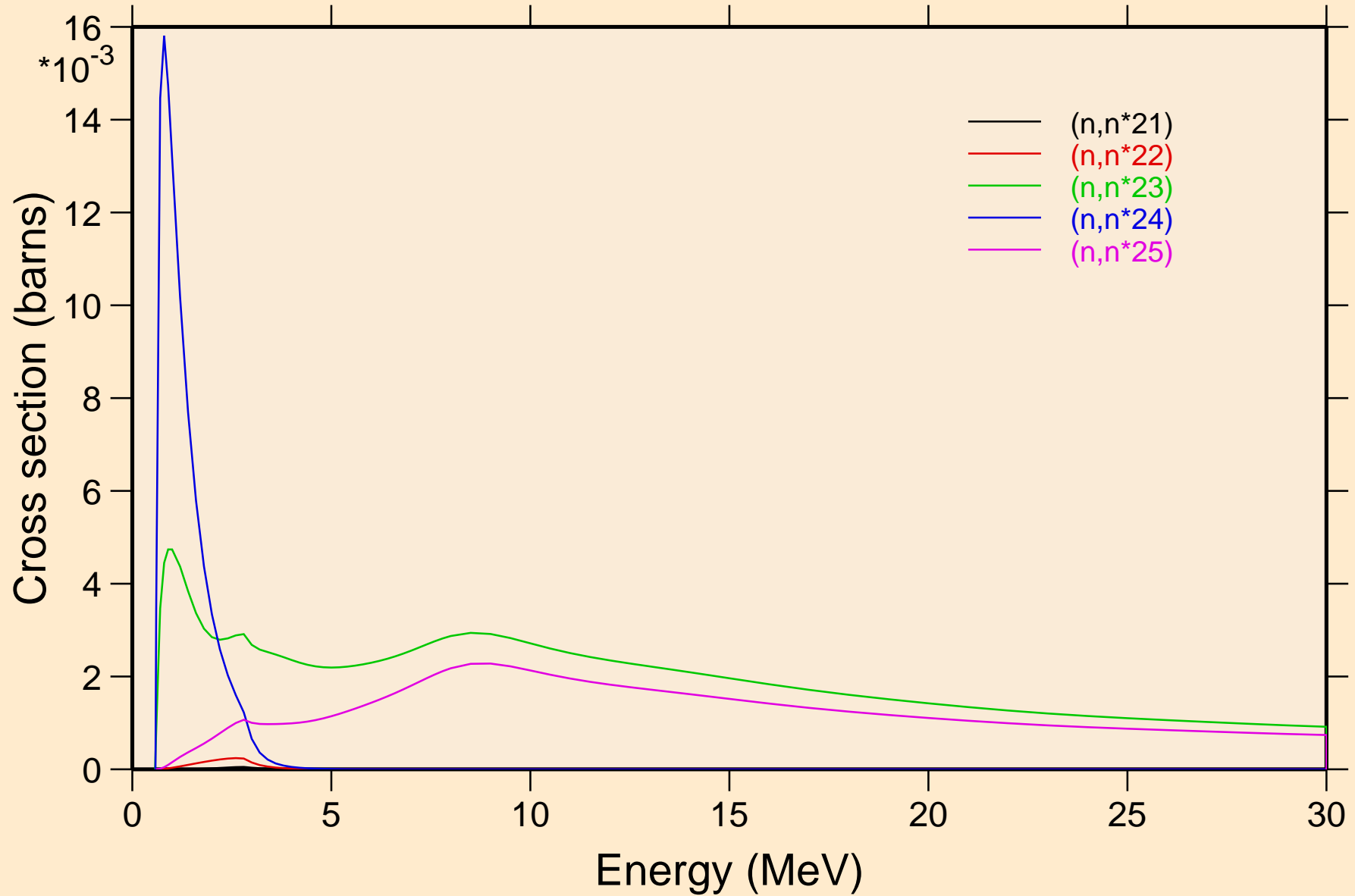
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



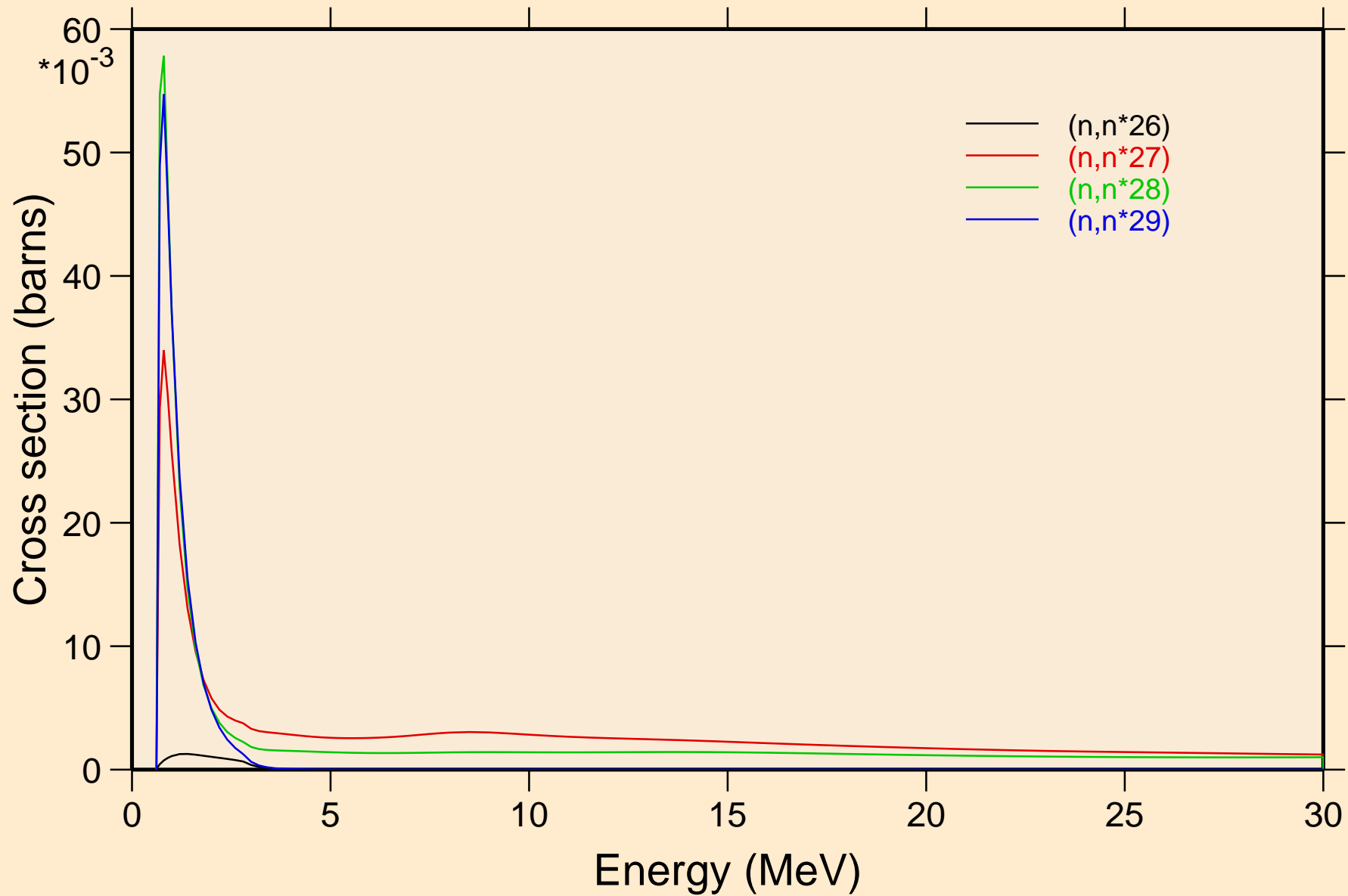
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



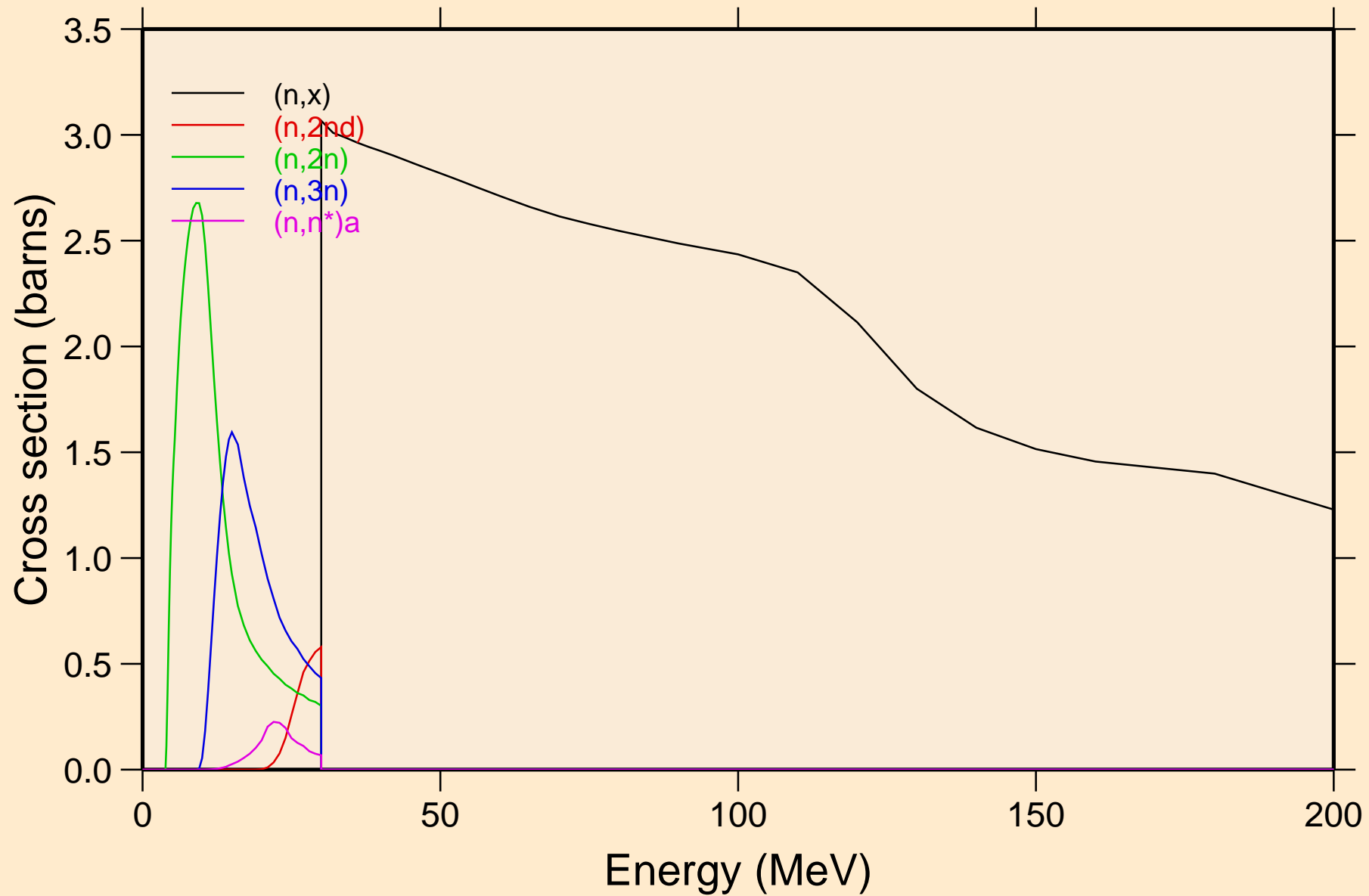
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



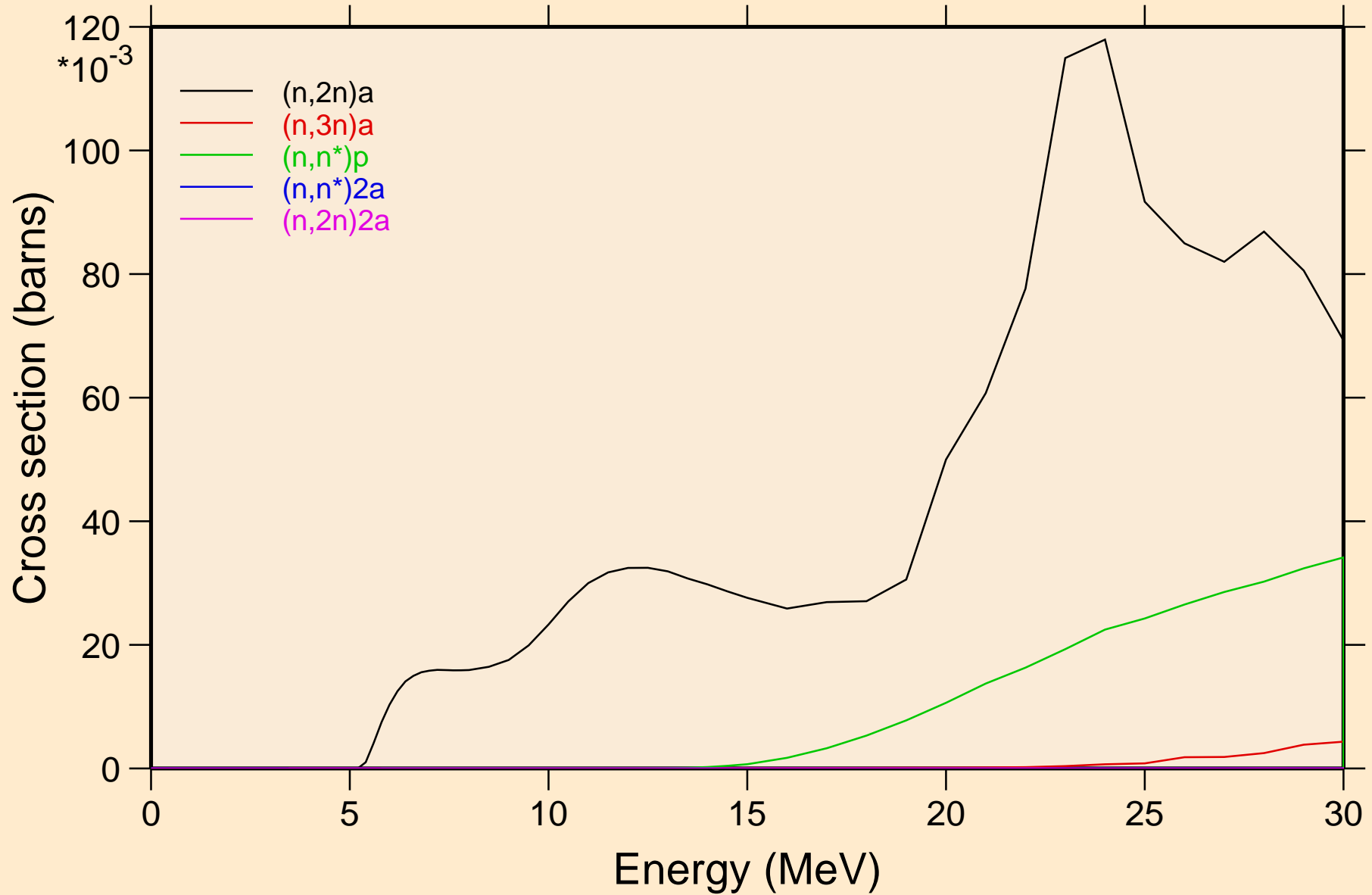


# BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

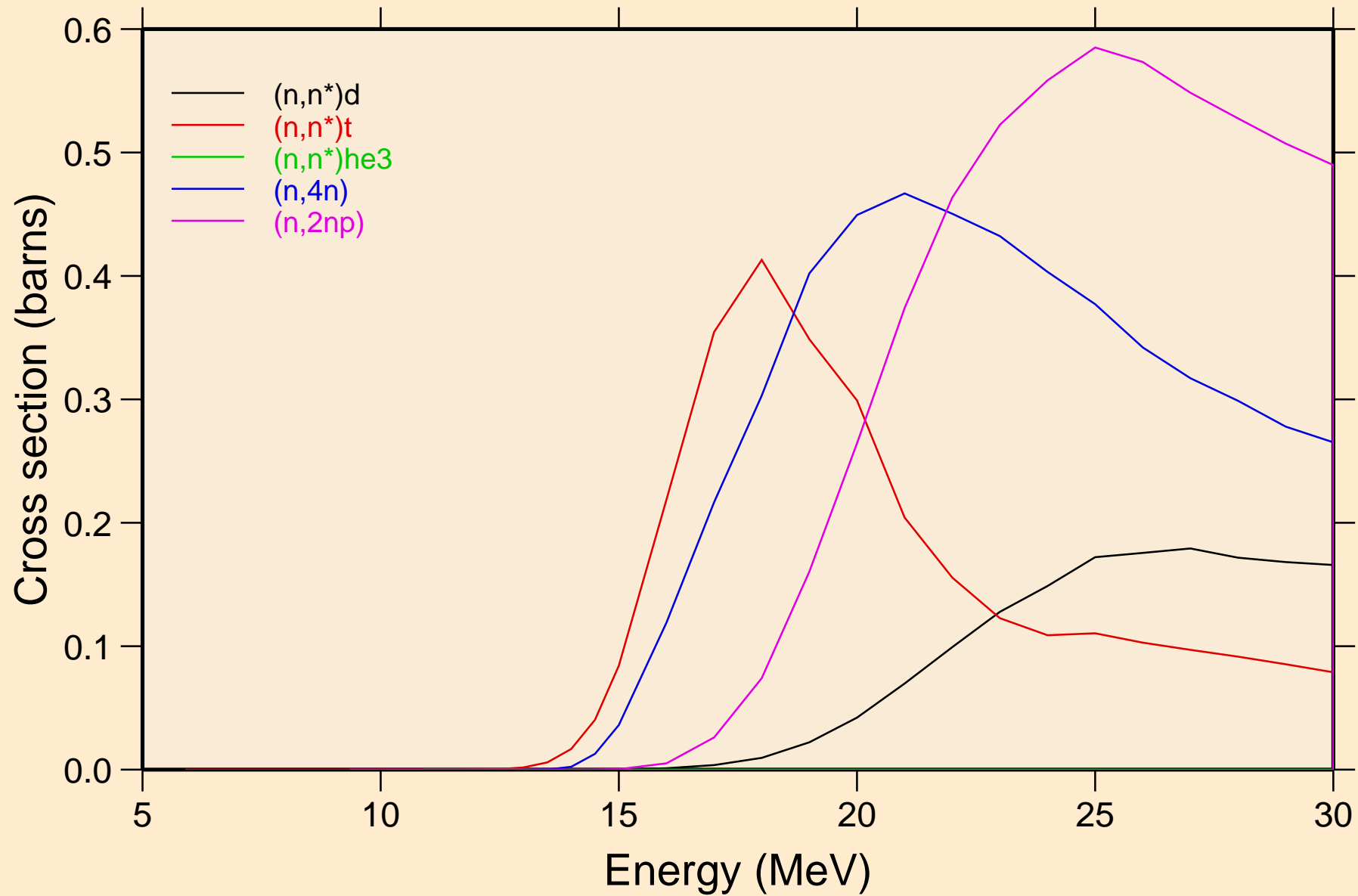
## Threshold reactions



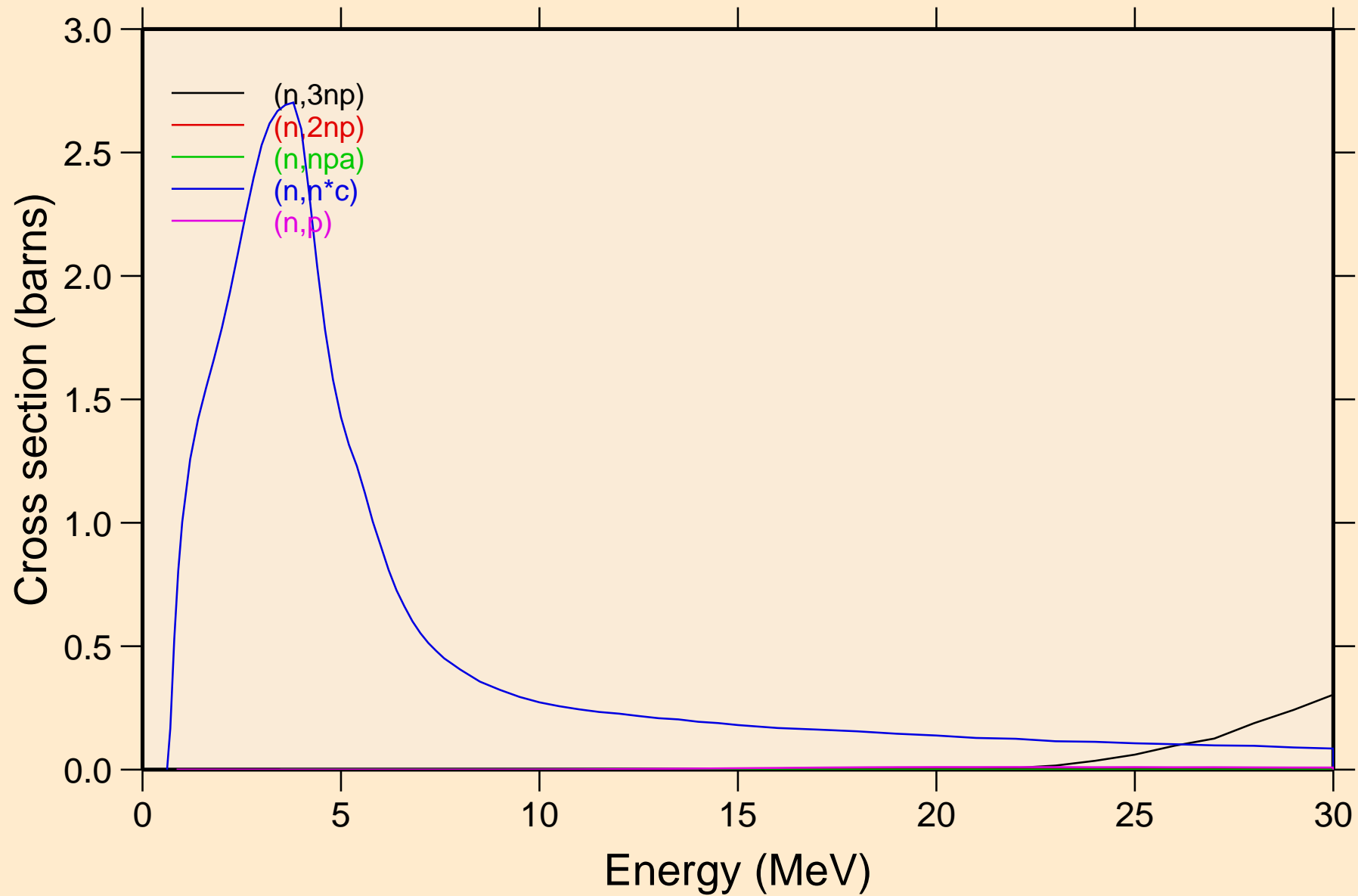
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



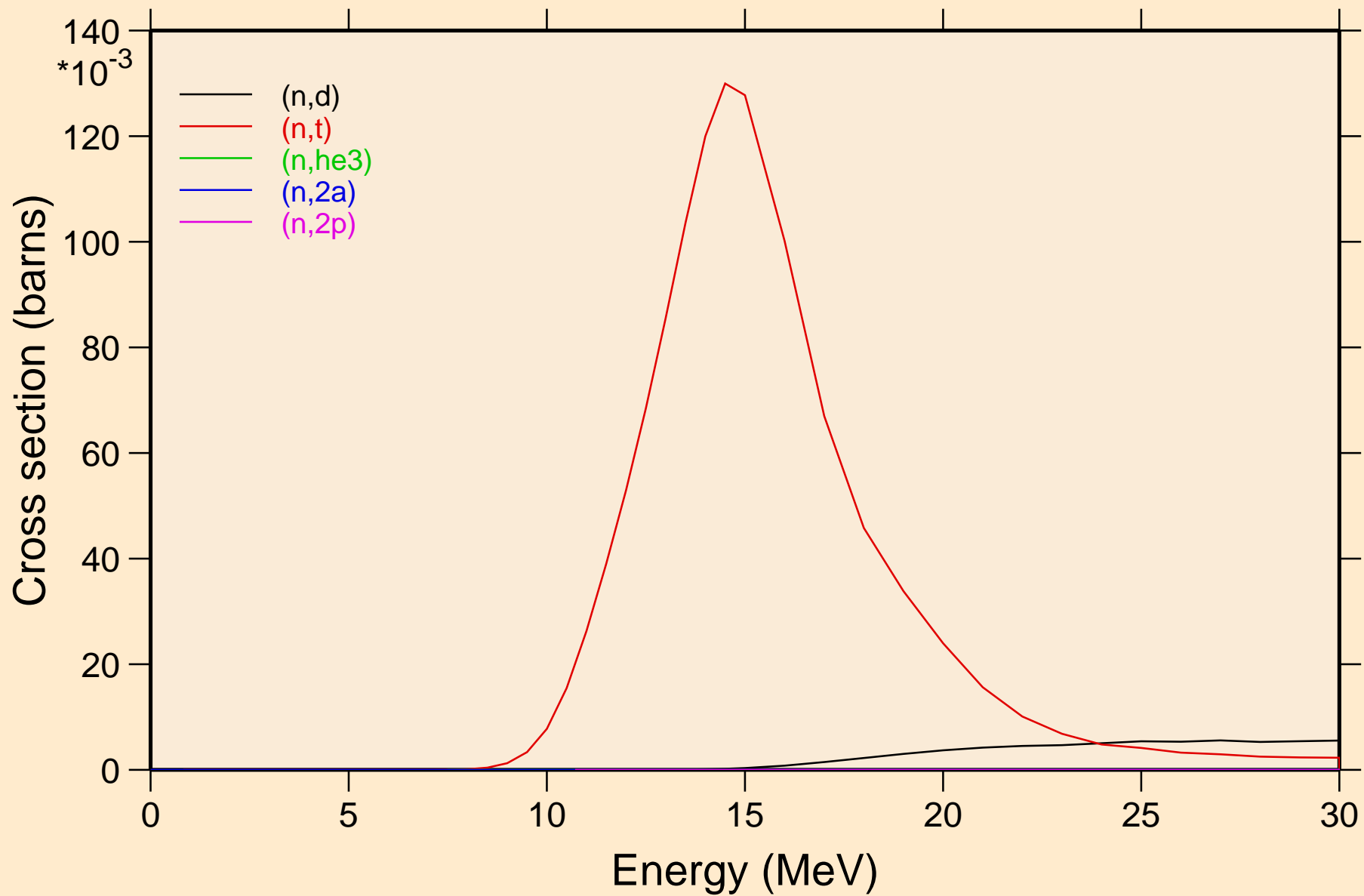
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



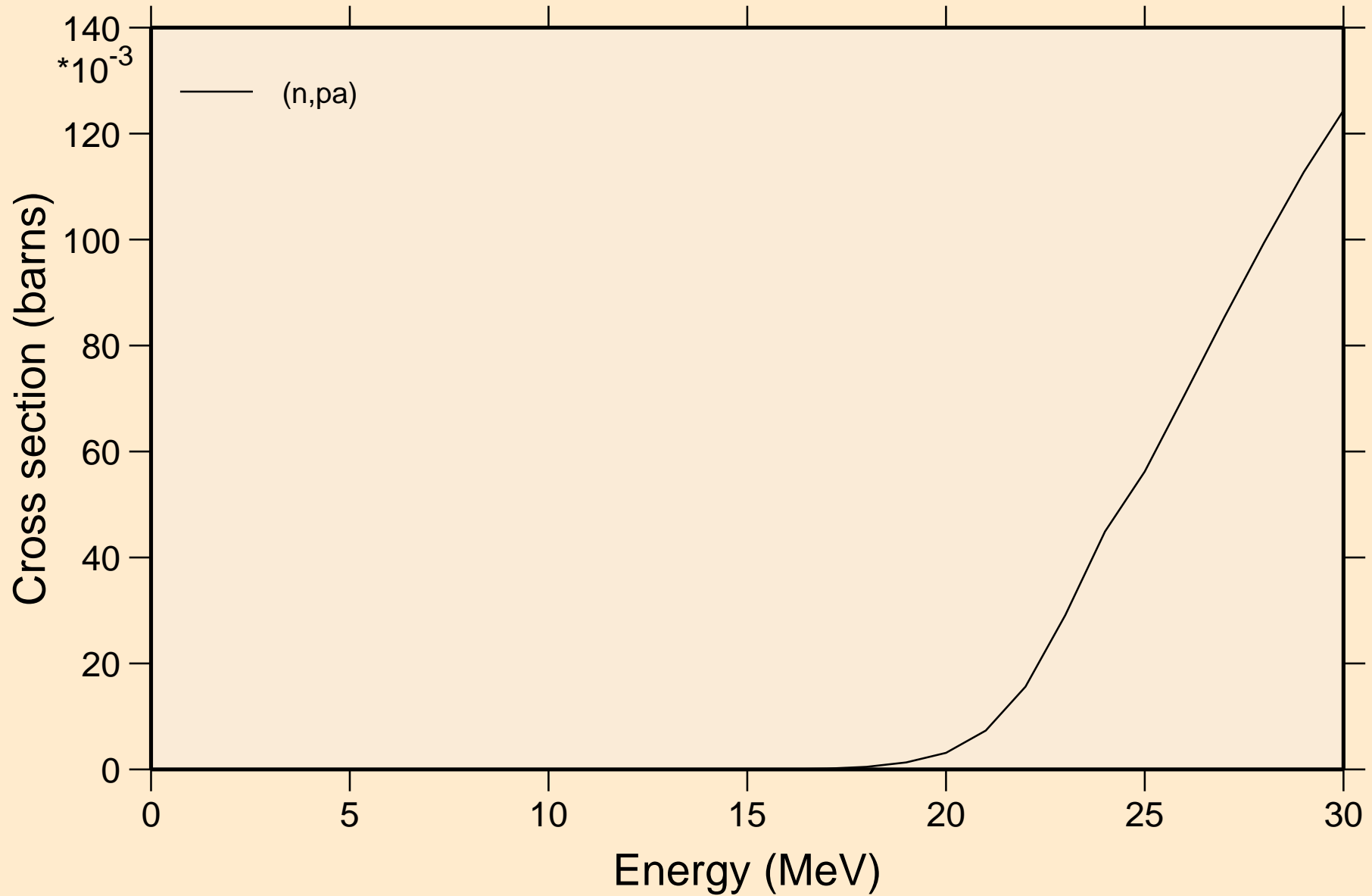
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



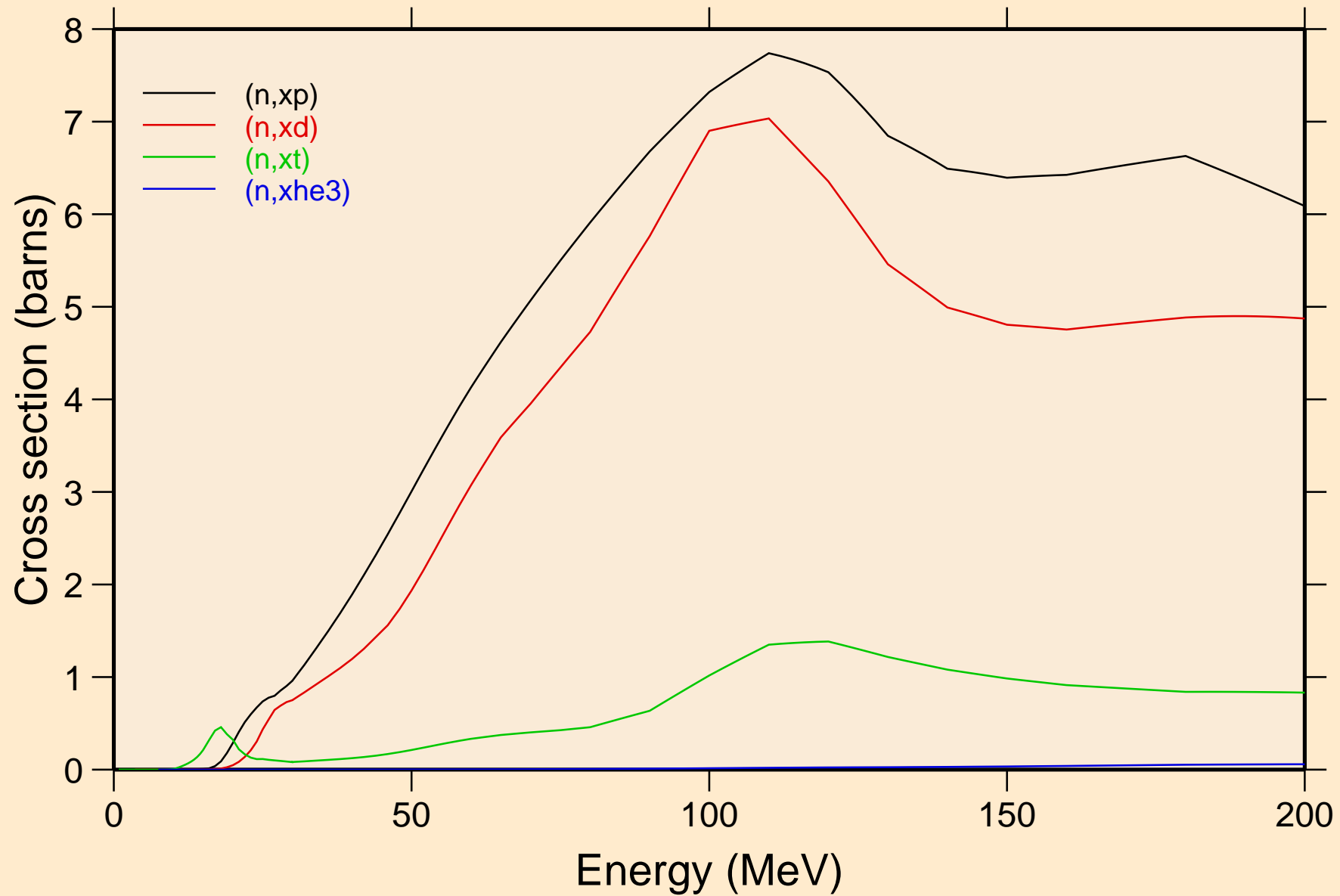
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



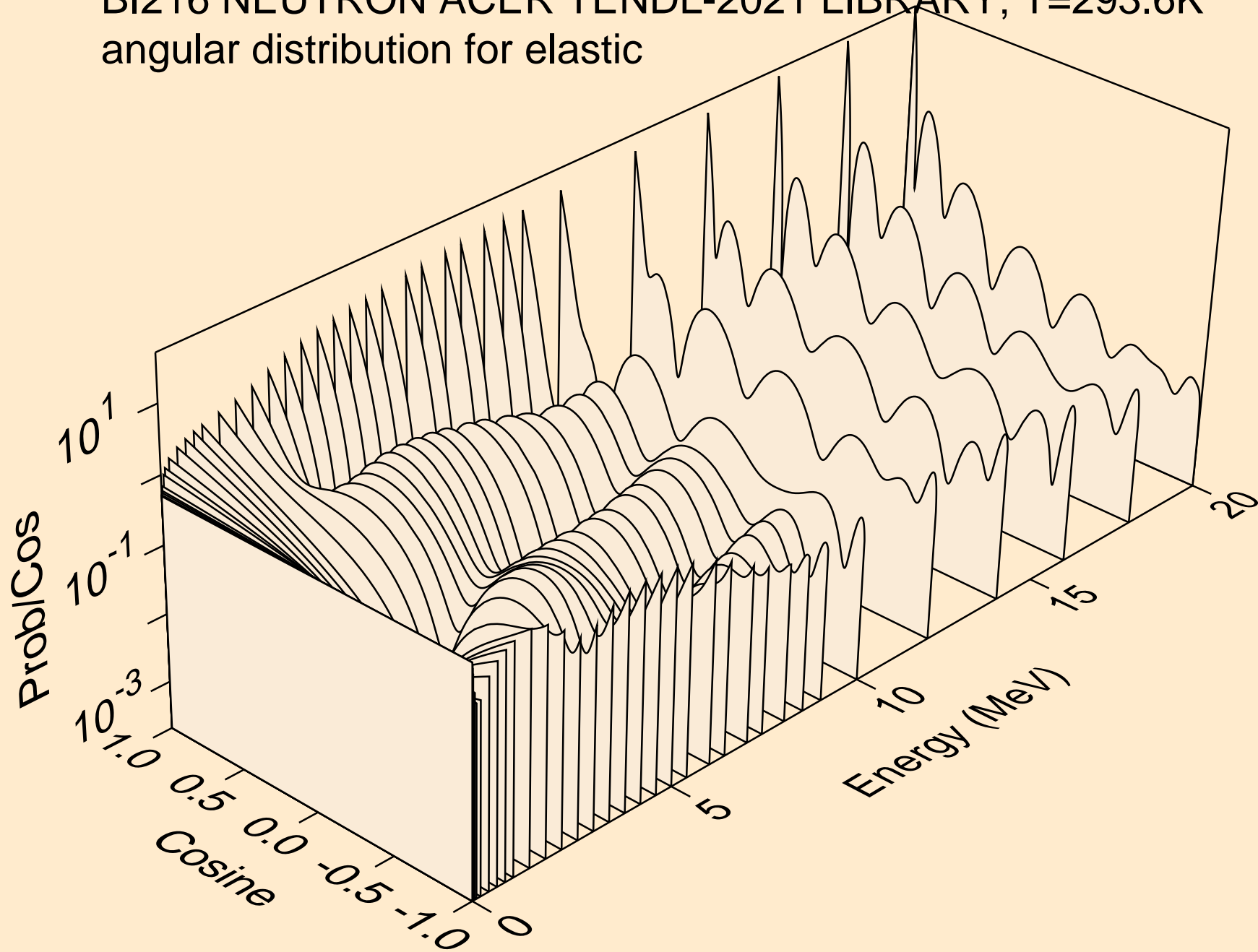
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

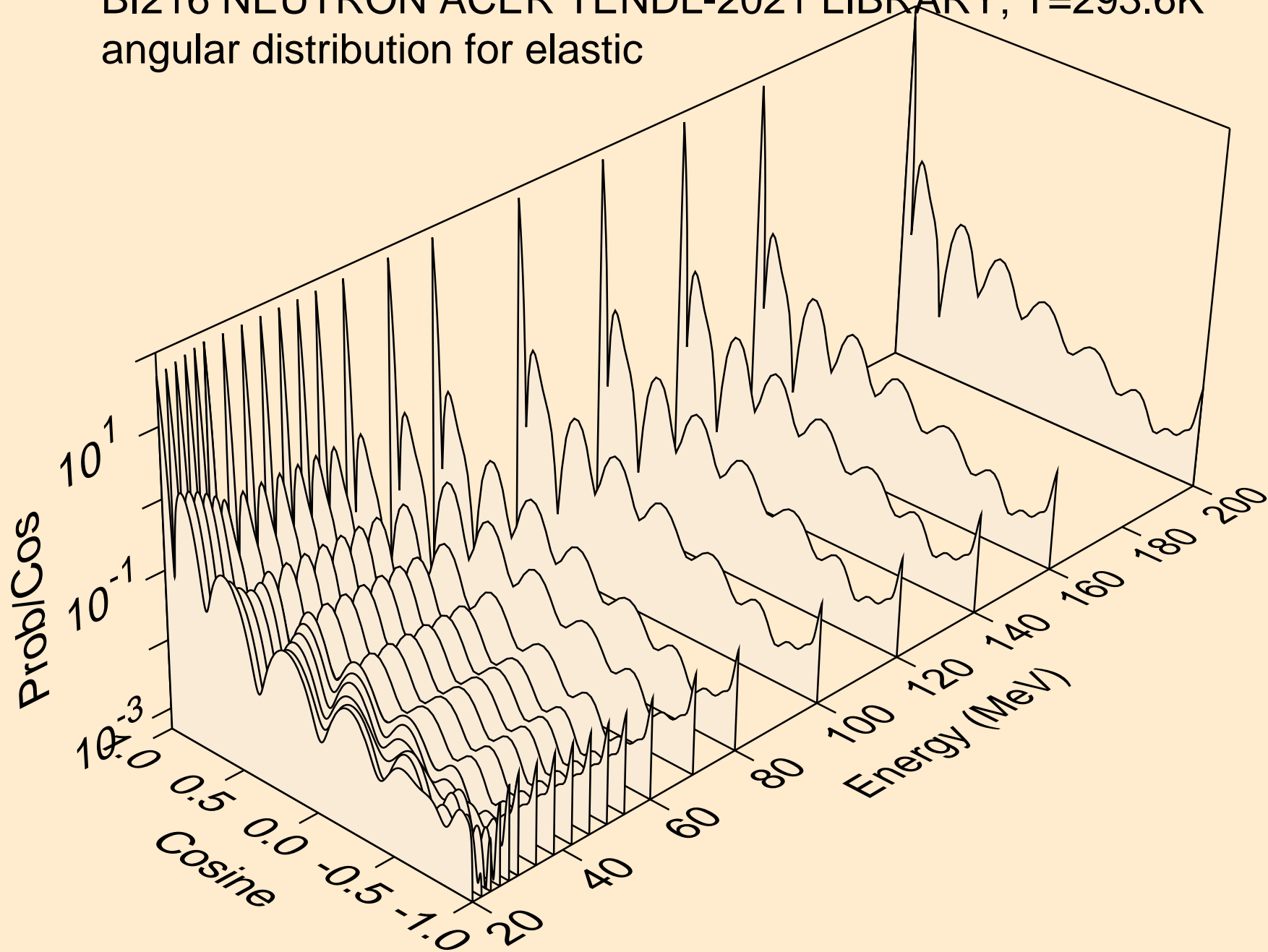


BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic

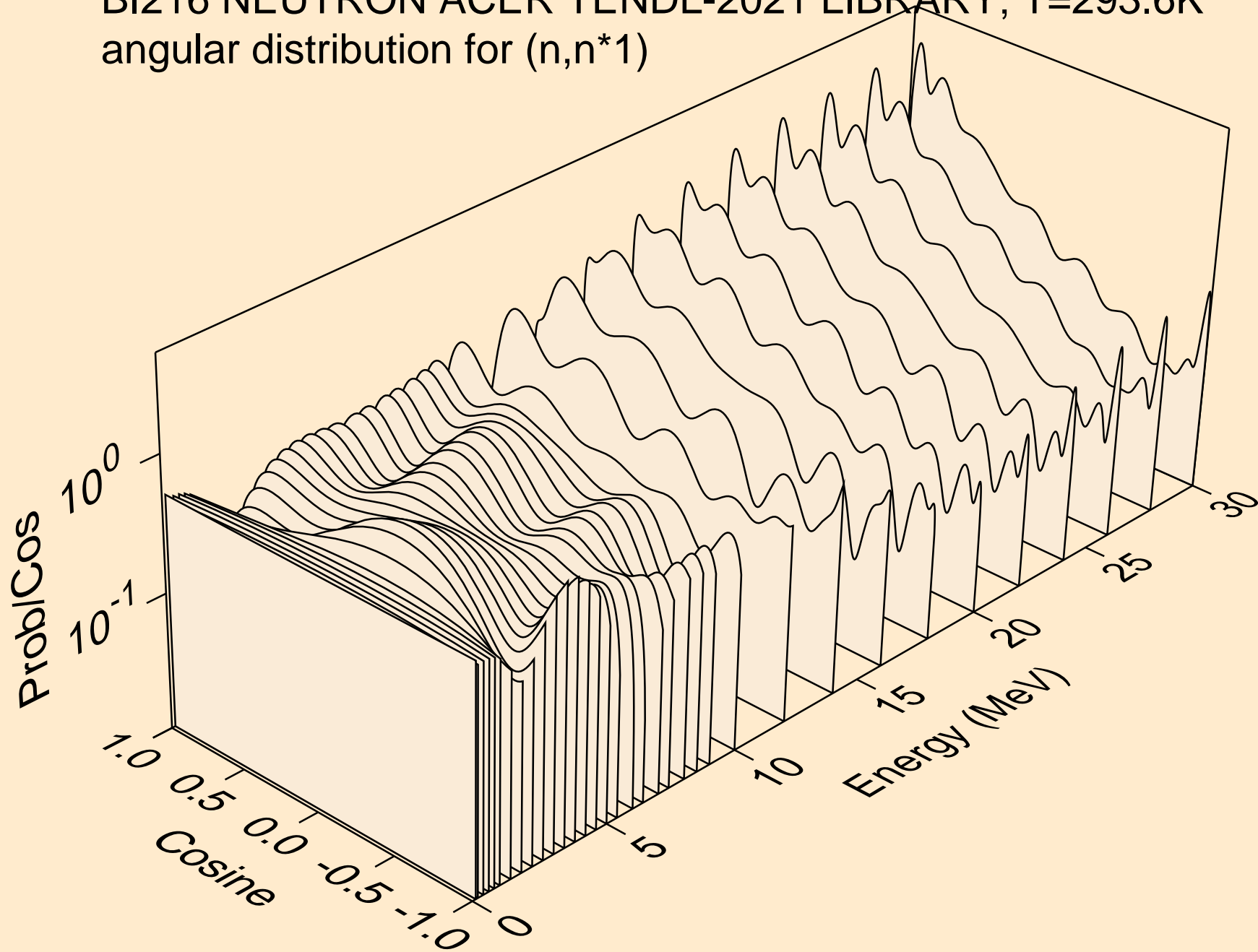




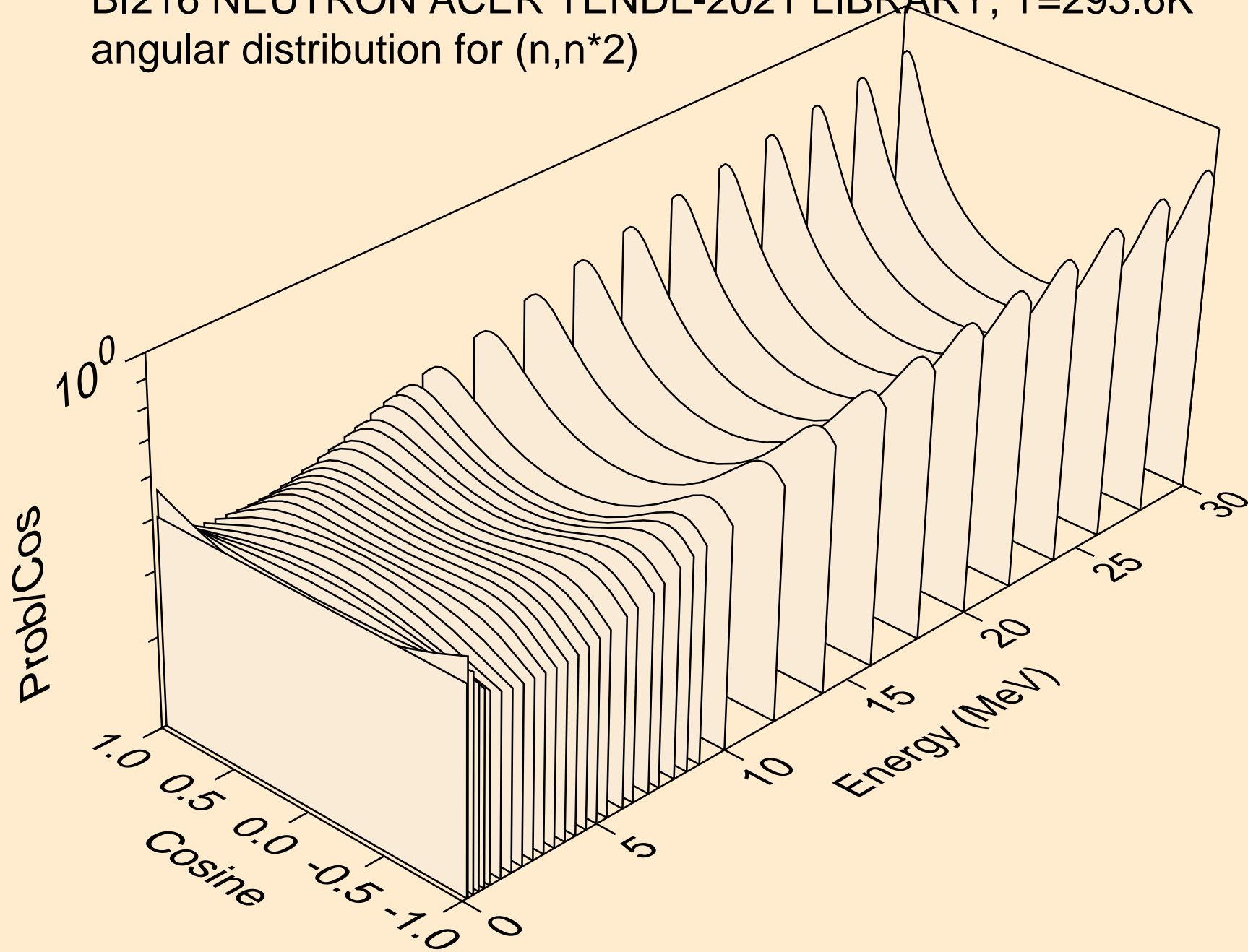
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



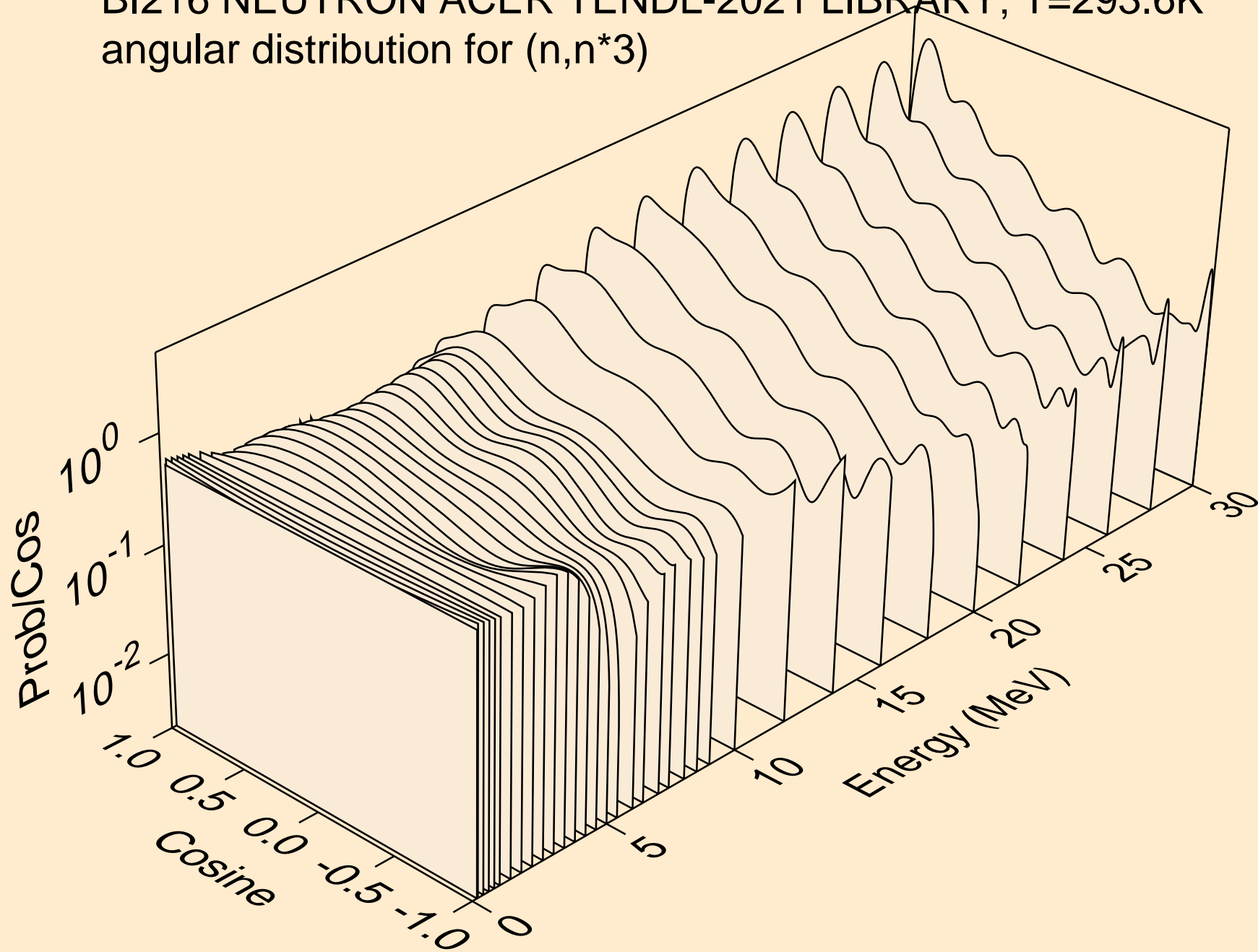
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



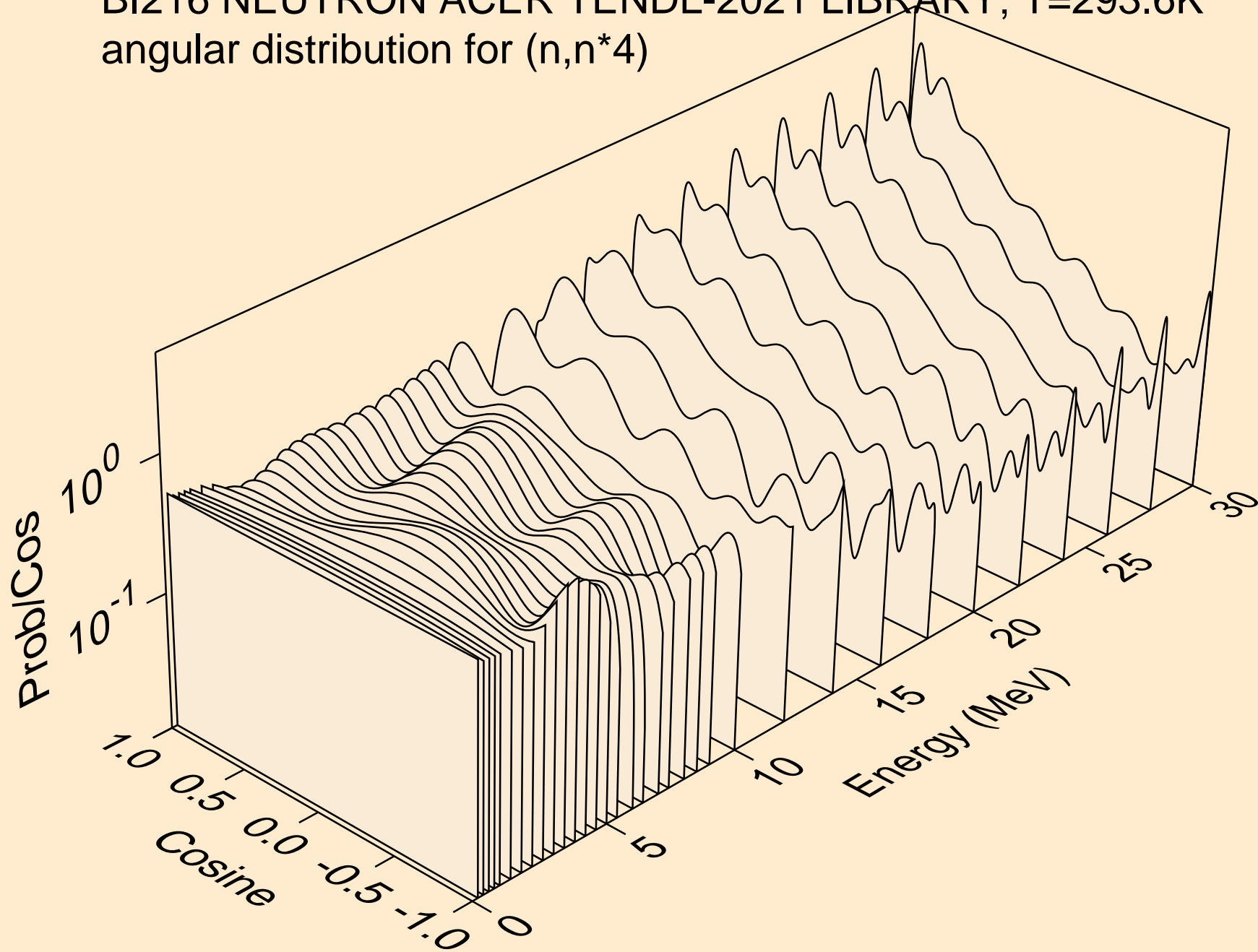
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)



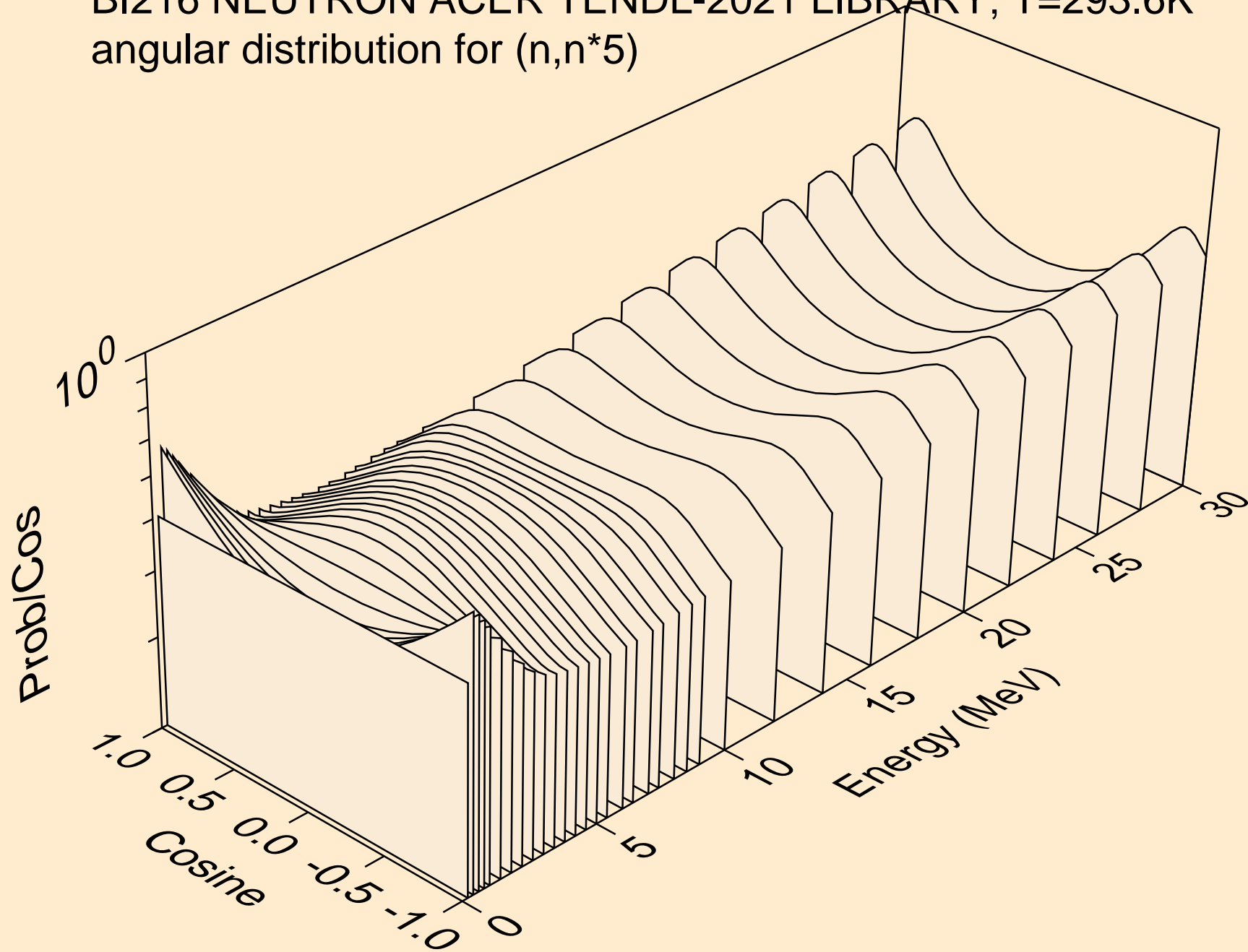
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*3)



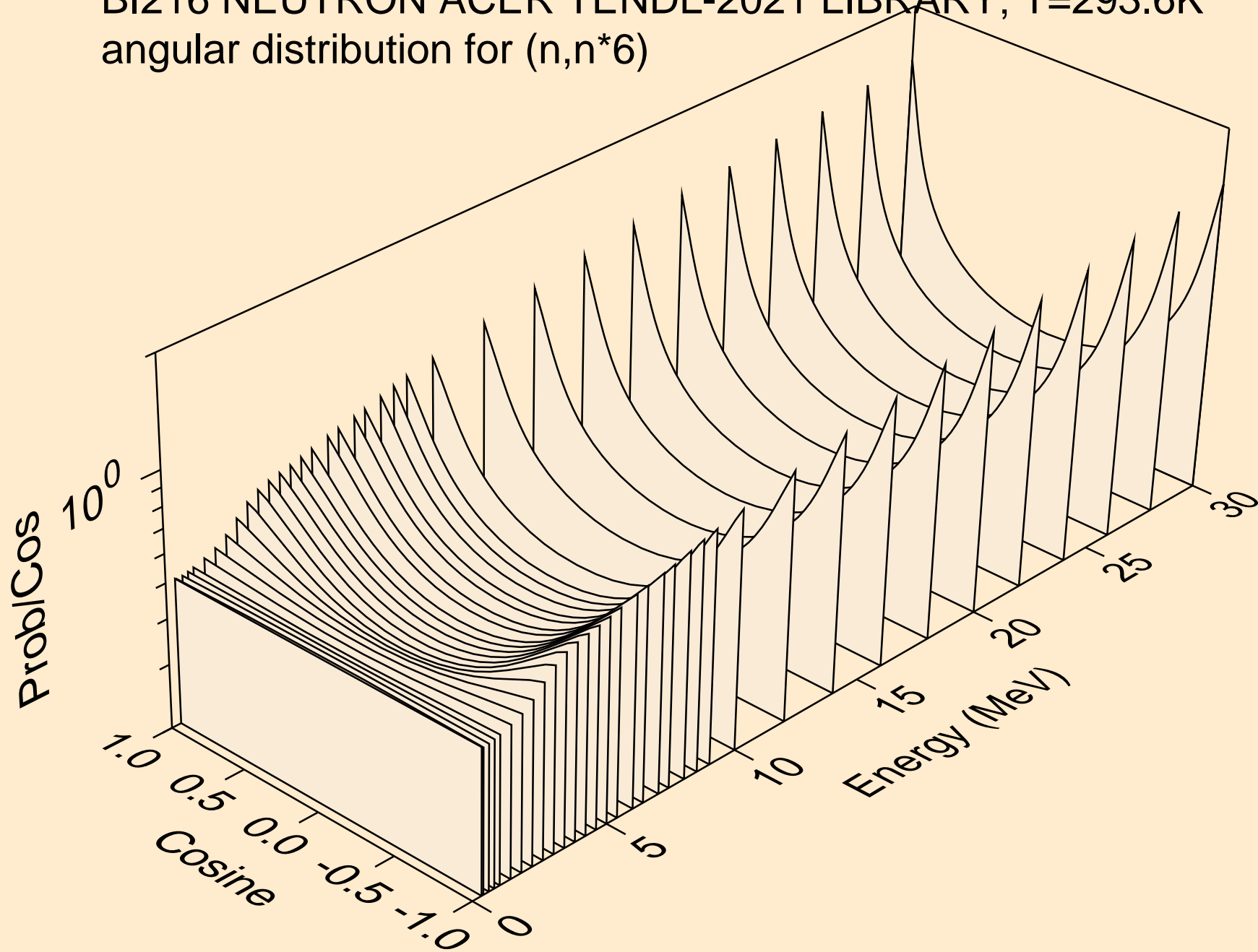
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*4)



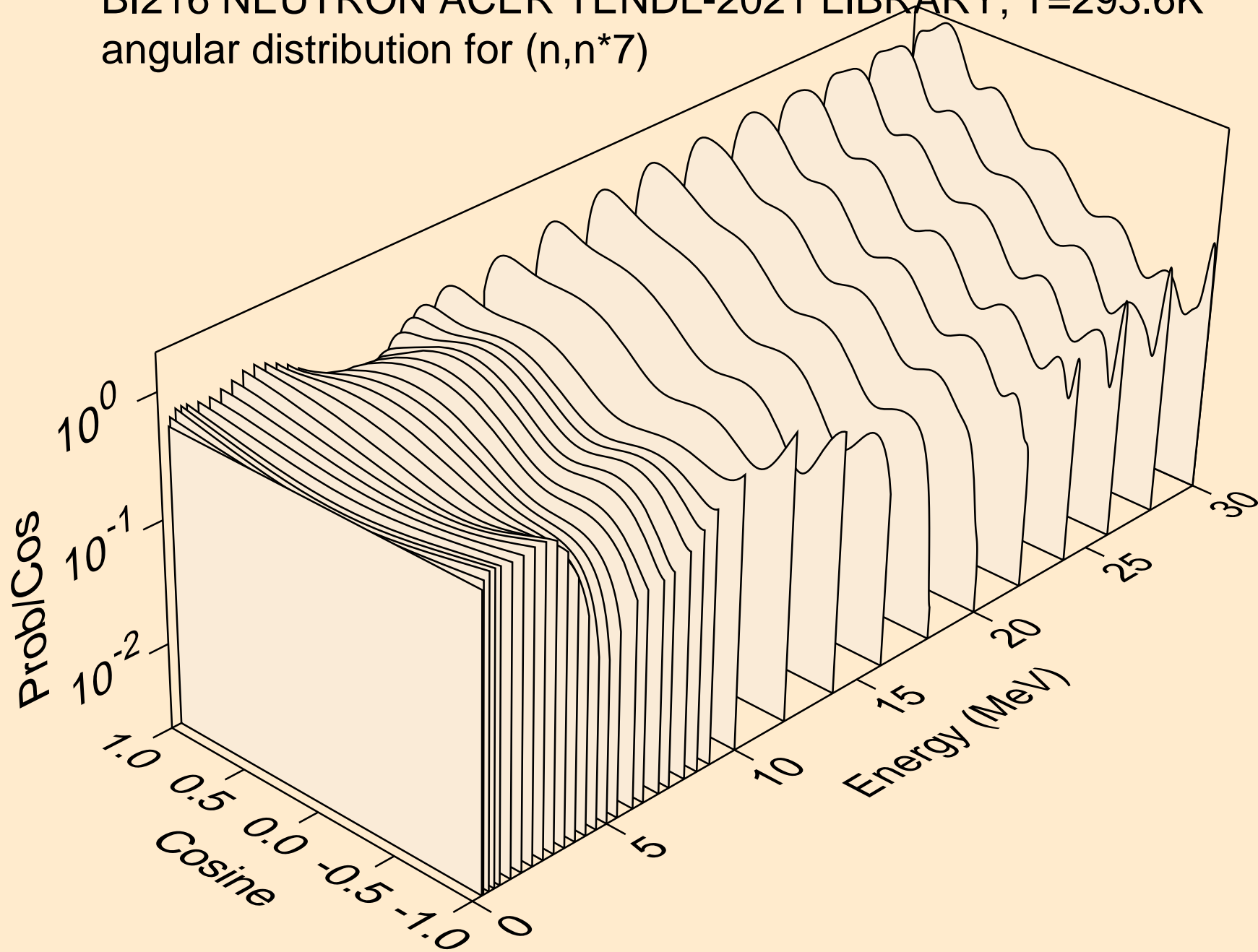
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*5)



BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*6)

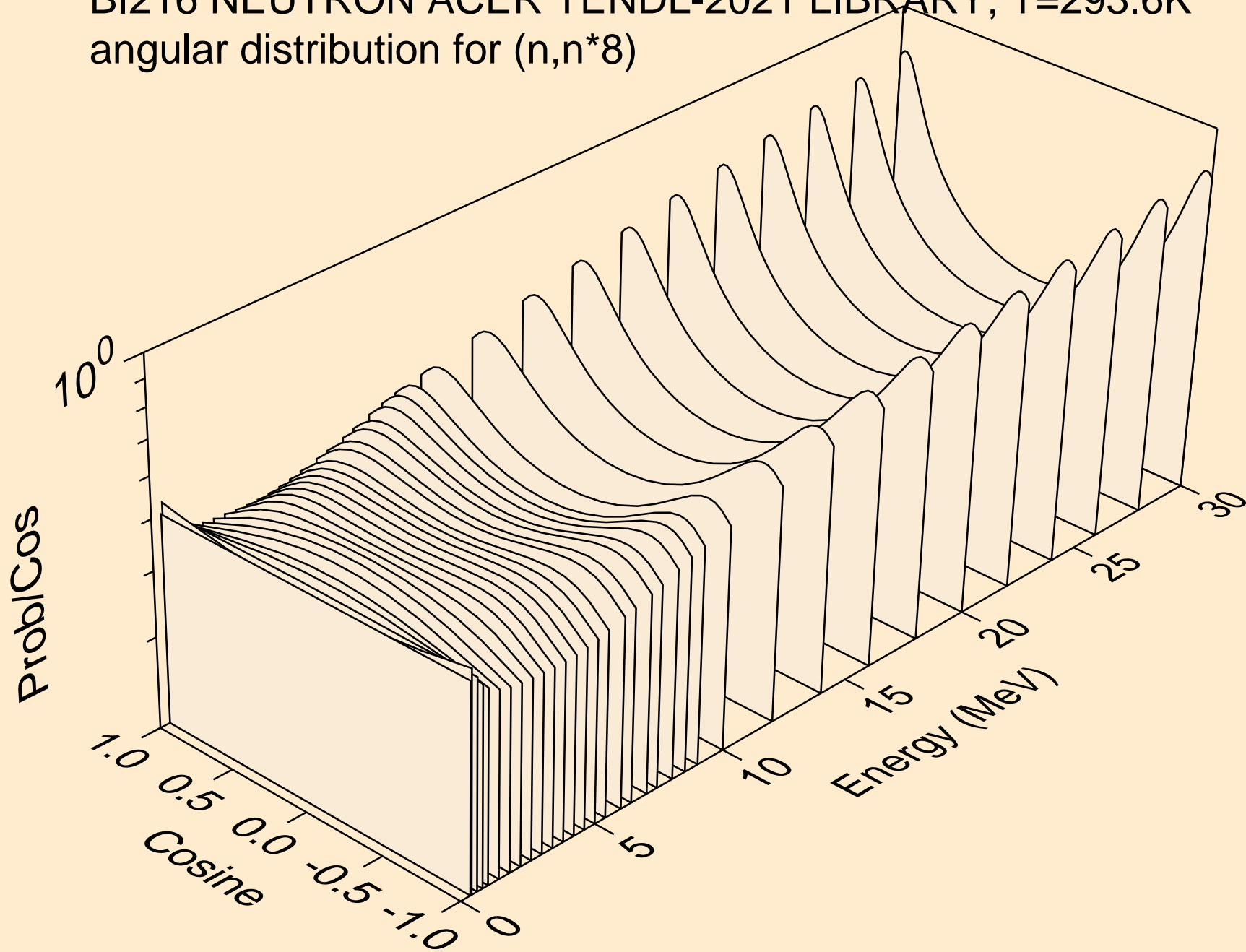


BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*7)

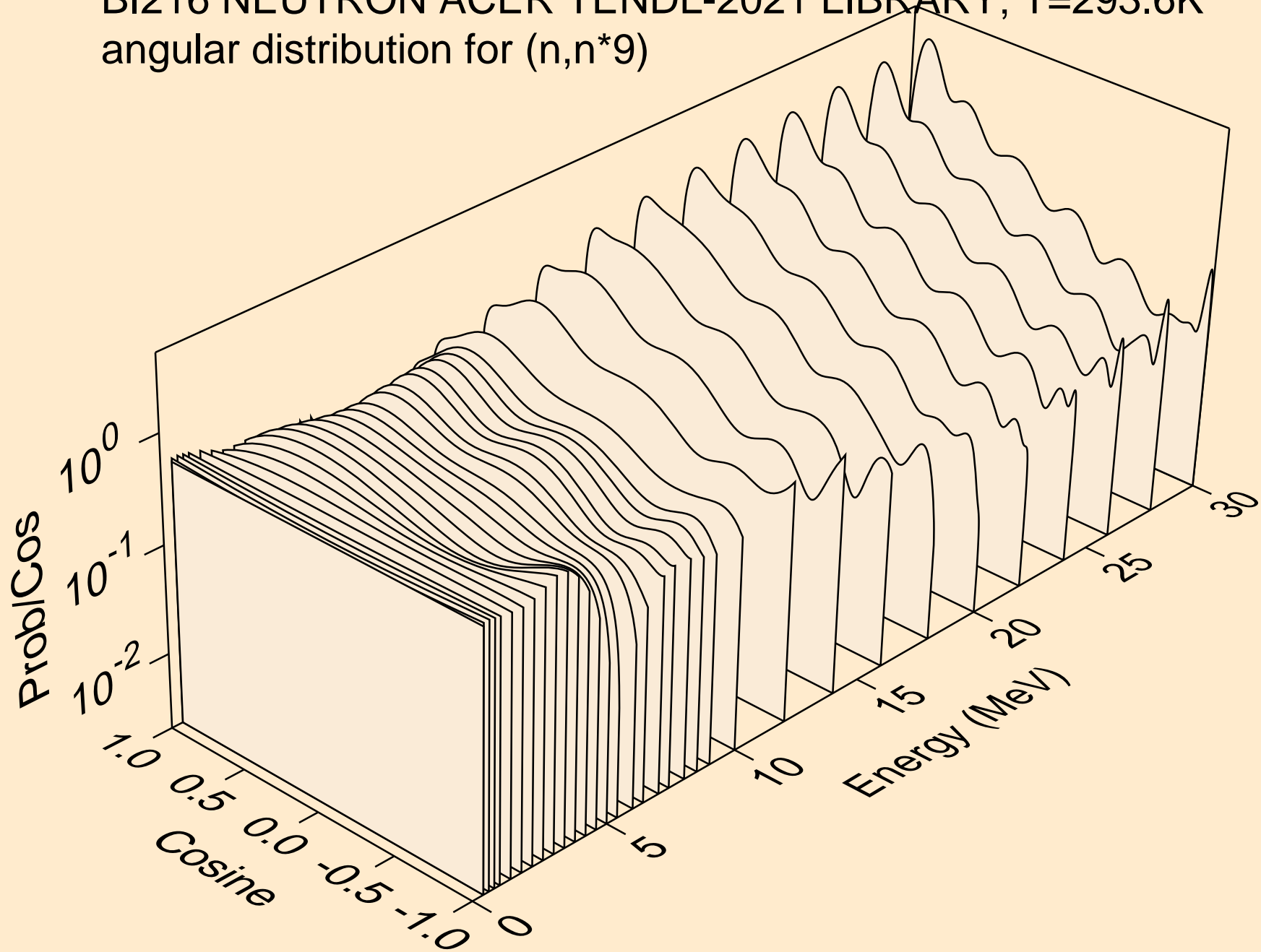




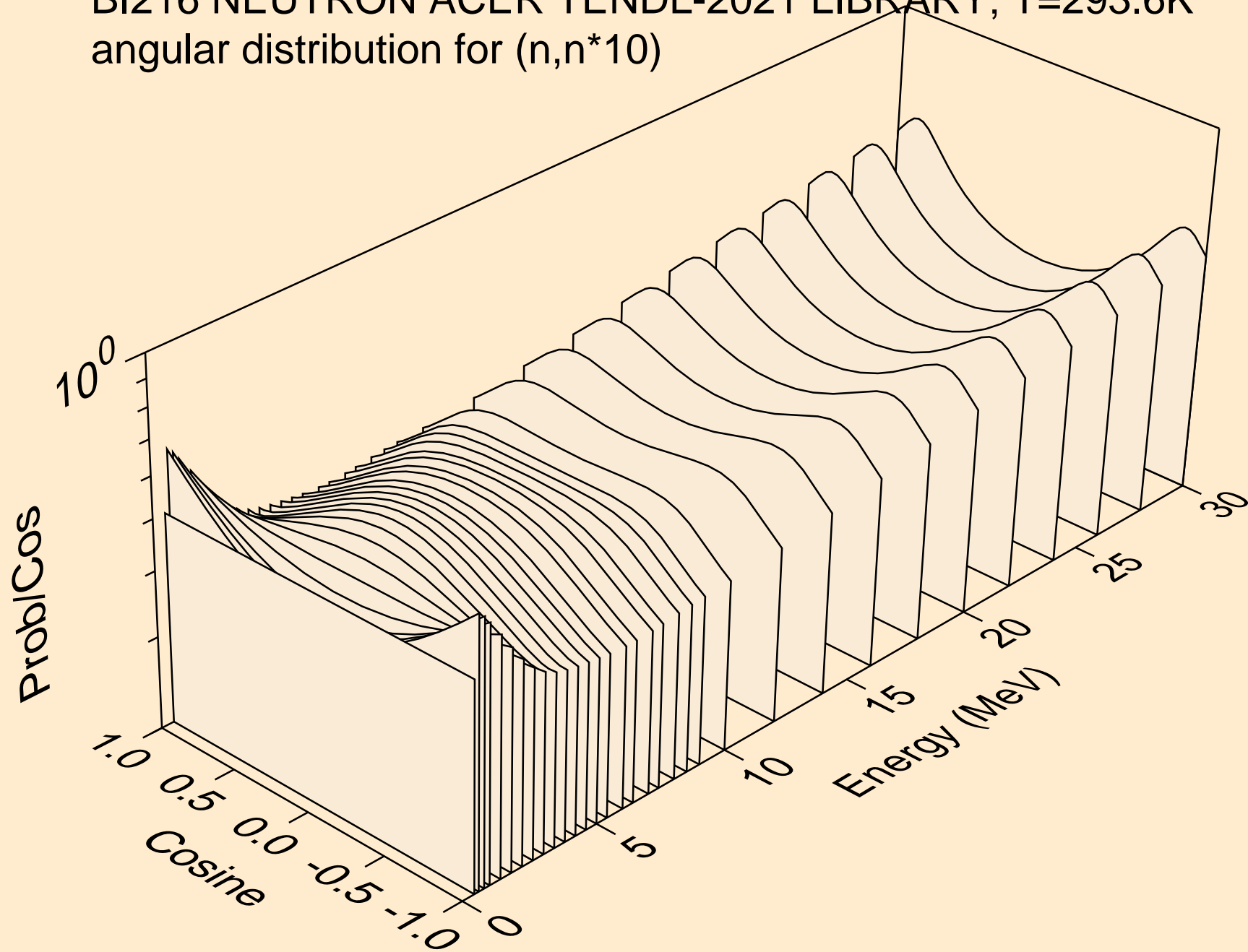
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*8)



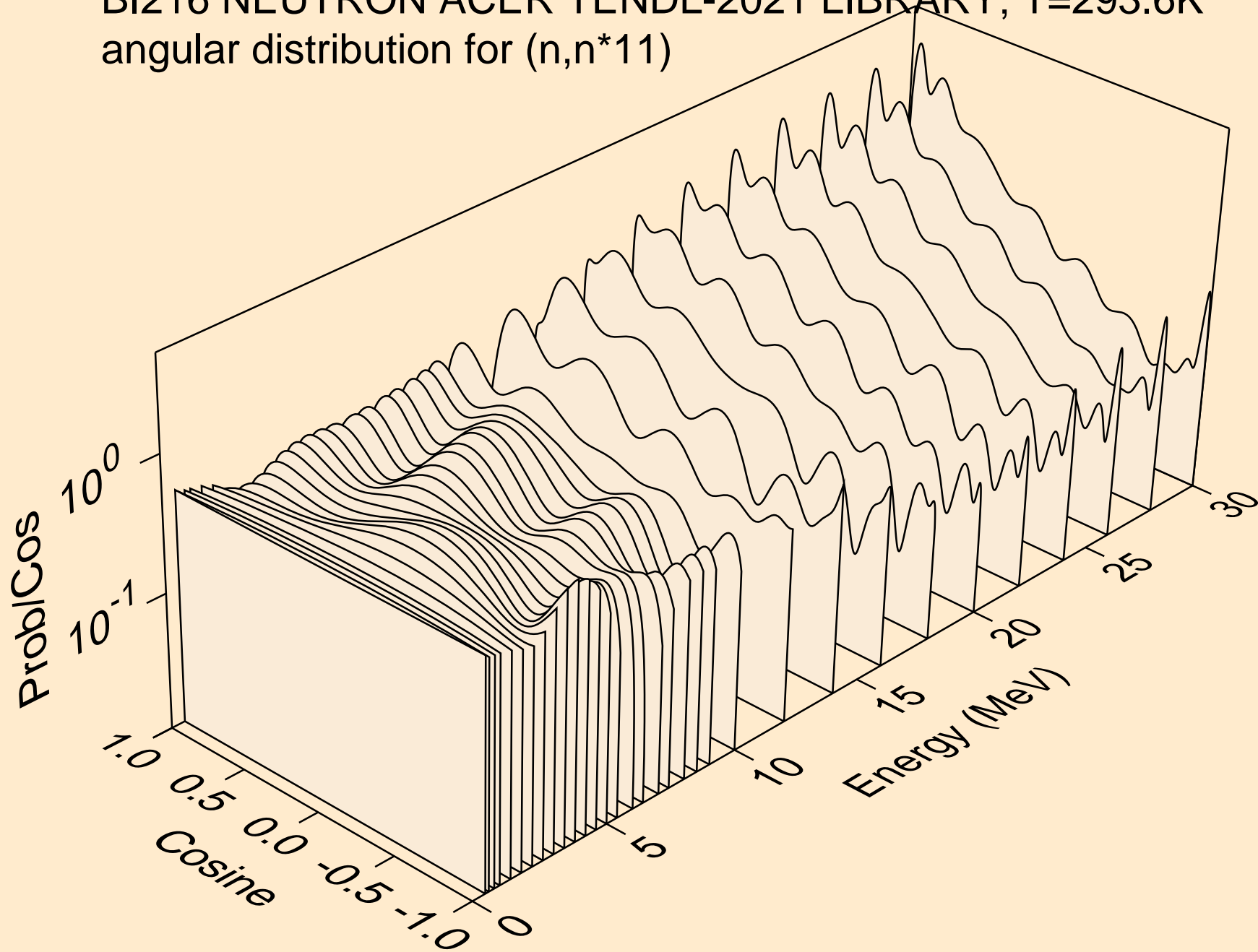
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*9)



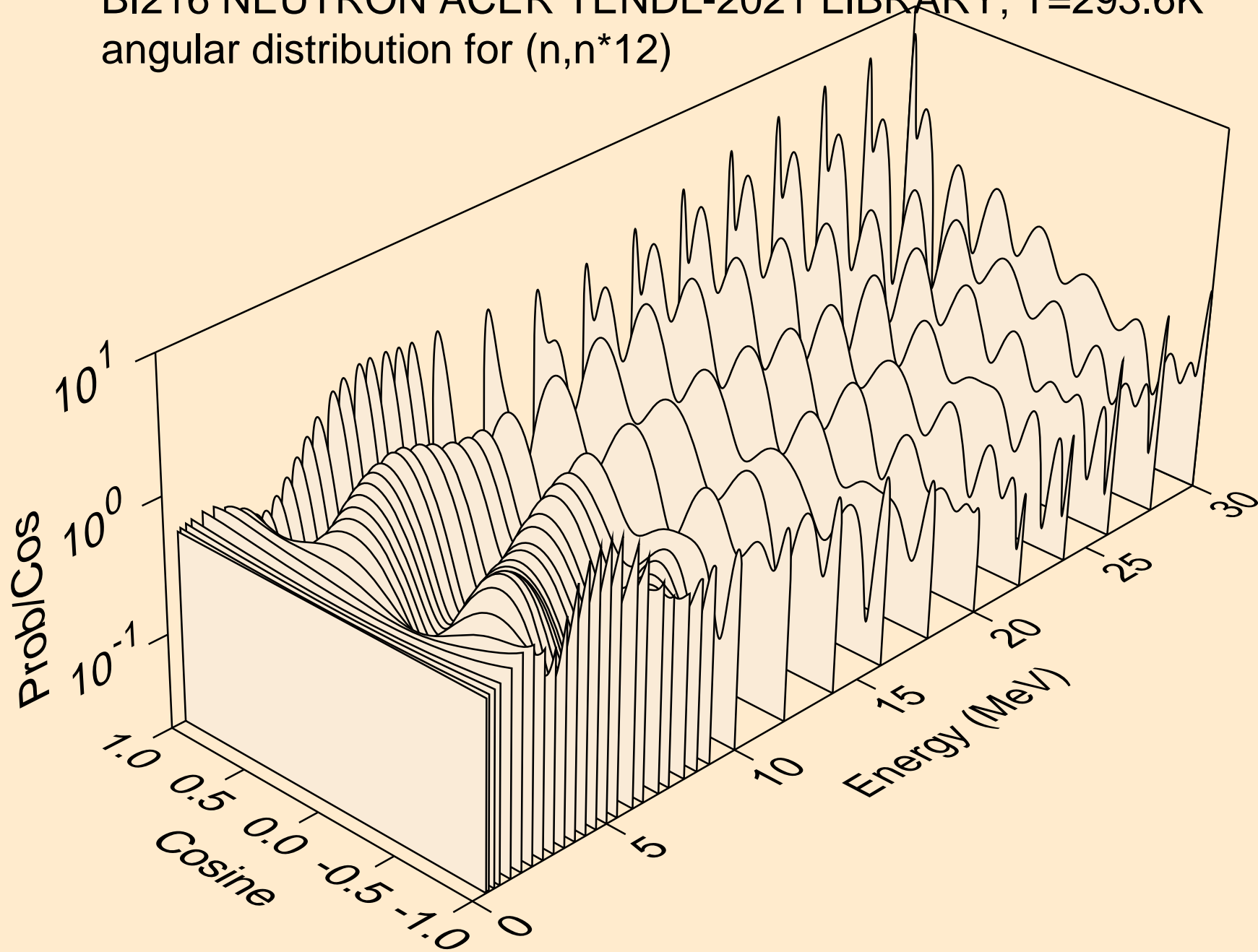
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*10)



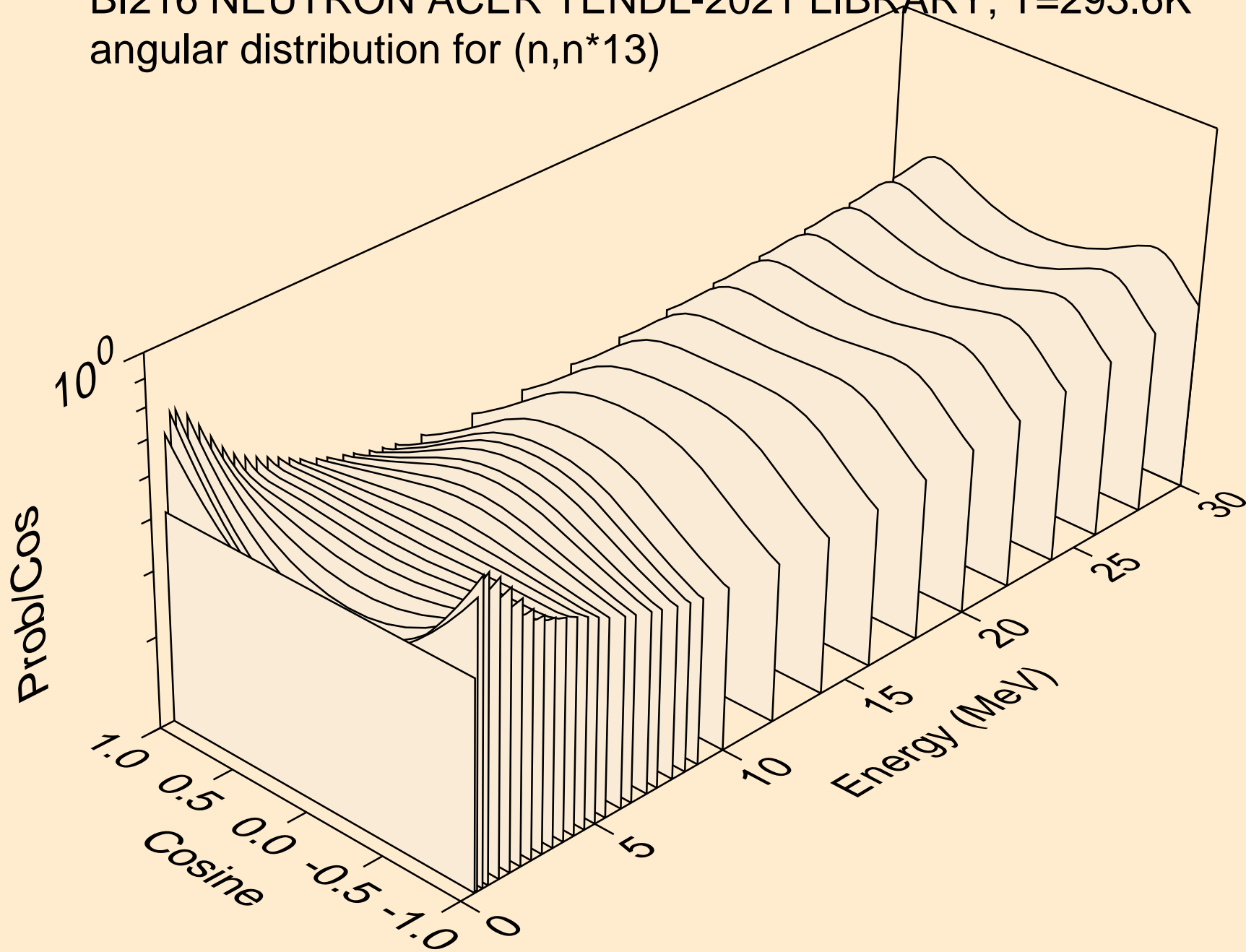
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*11)



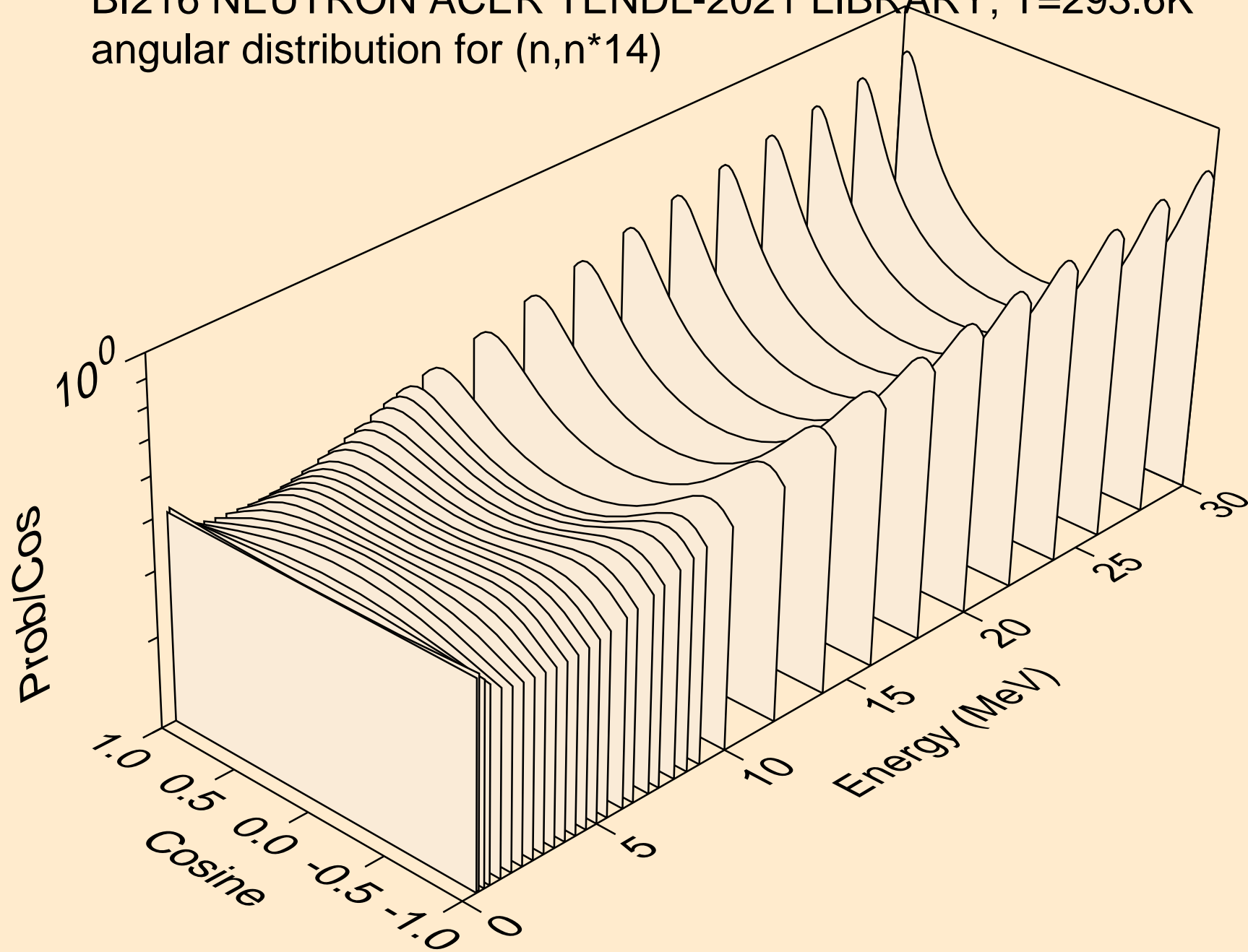
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*12)



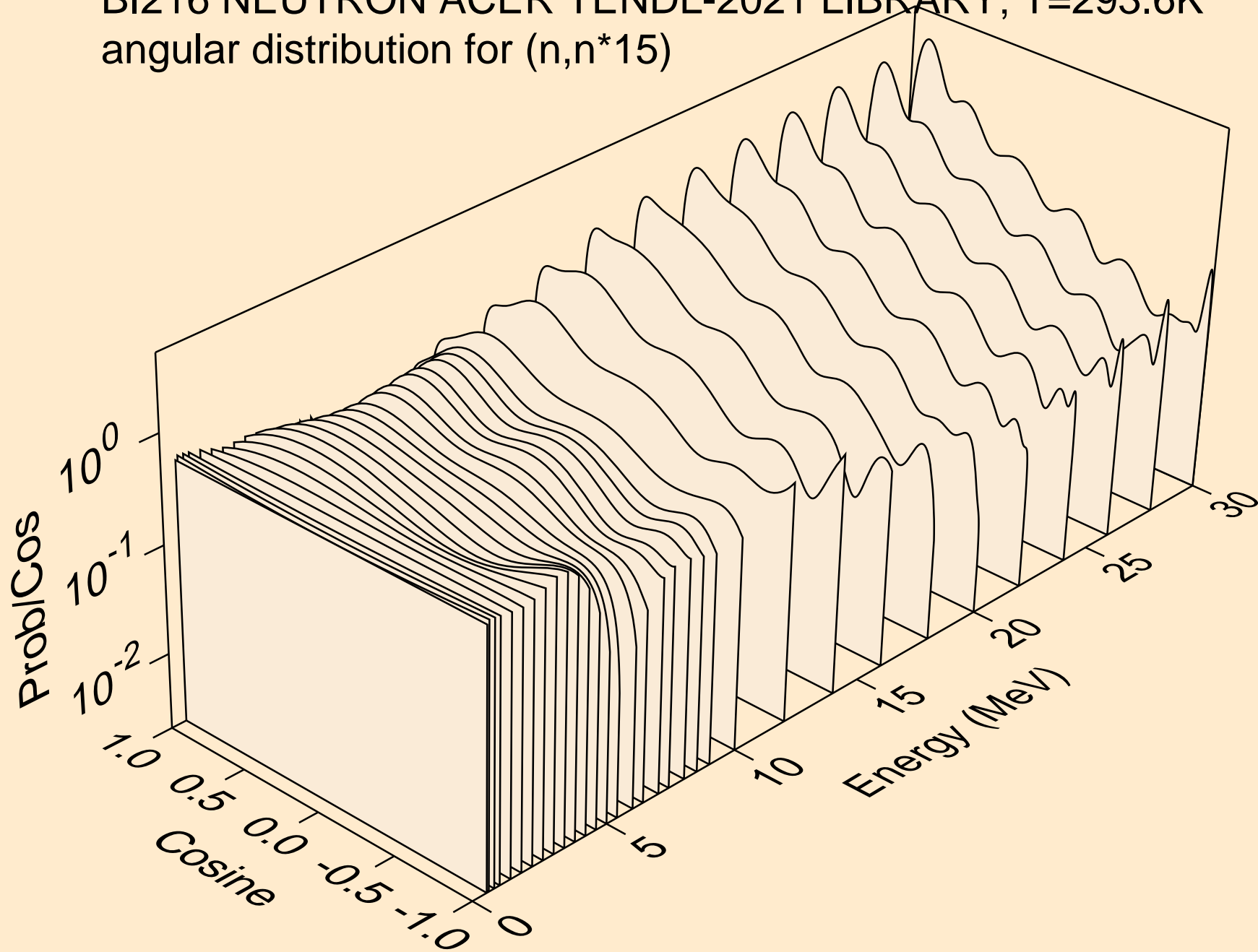
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*13)



BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*14)

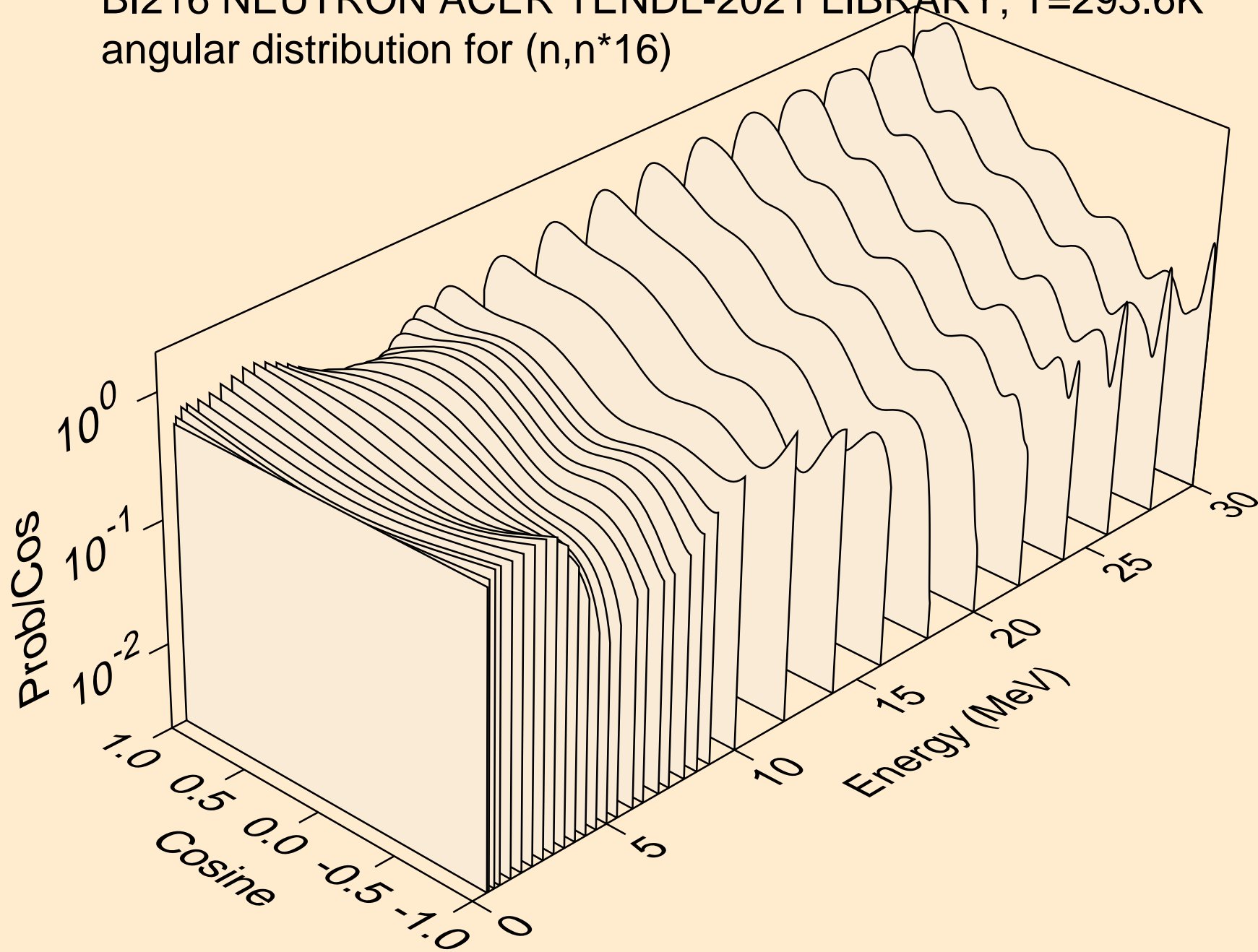


BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*15)

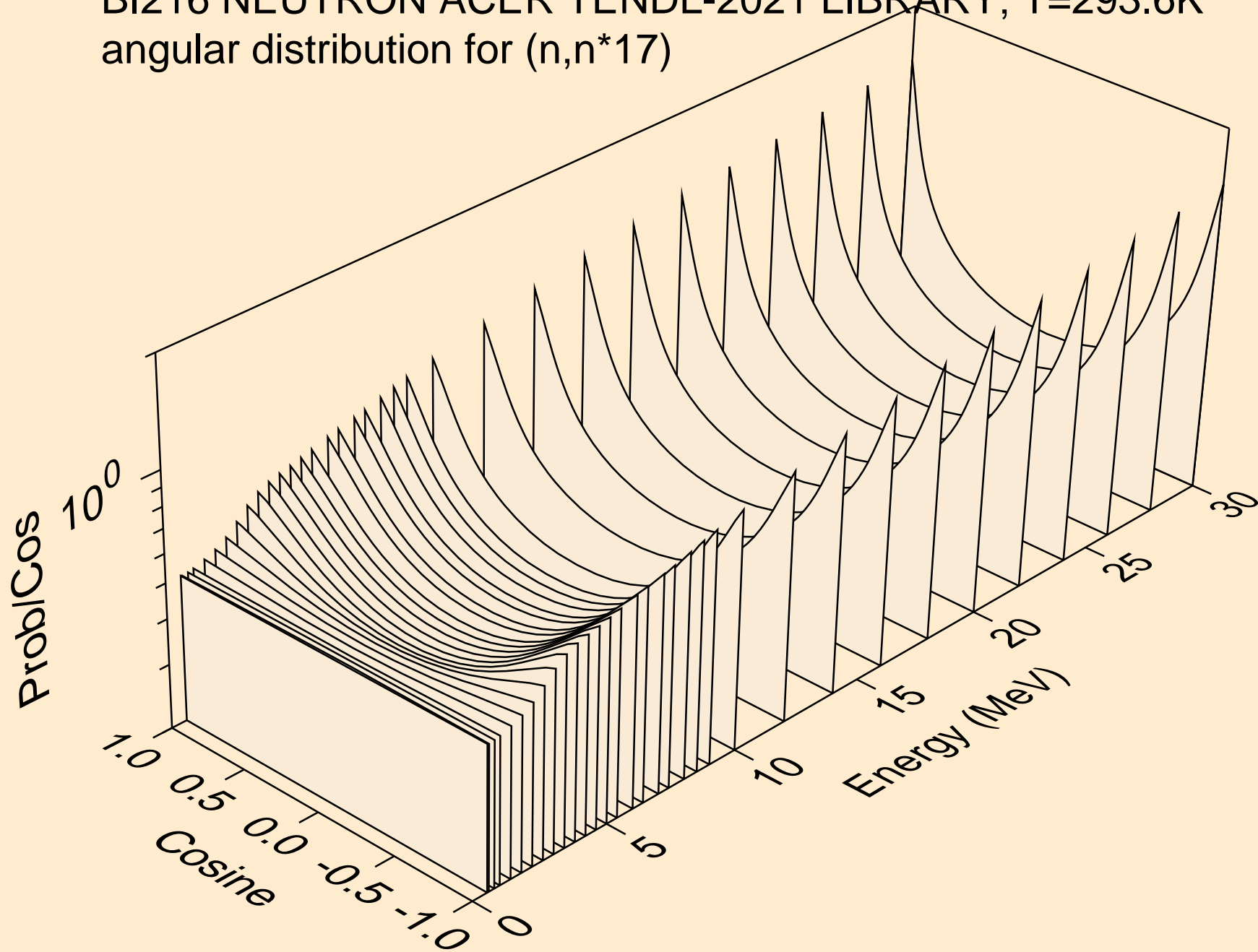




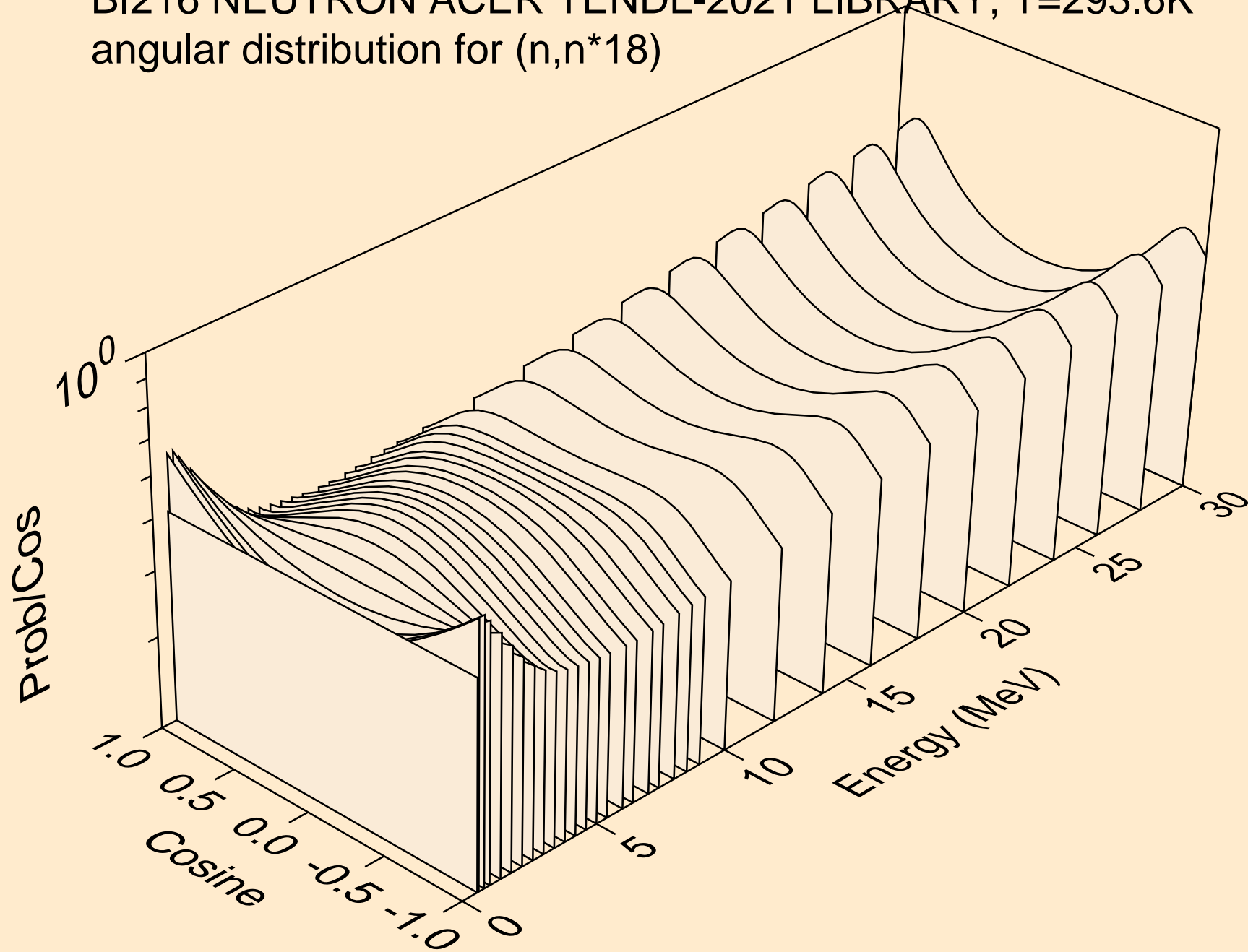
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*16)



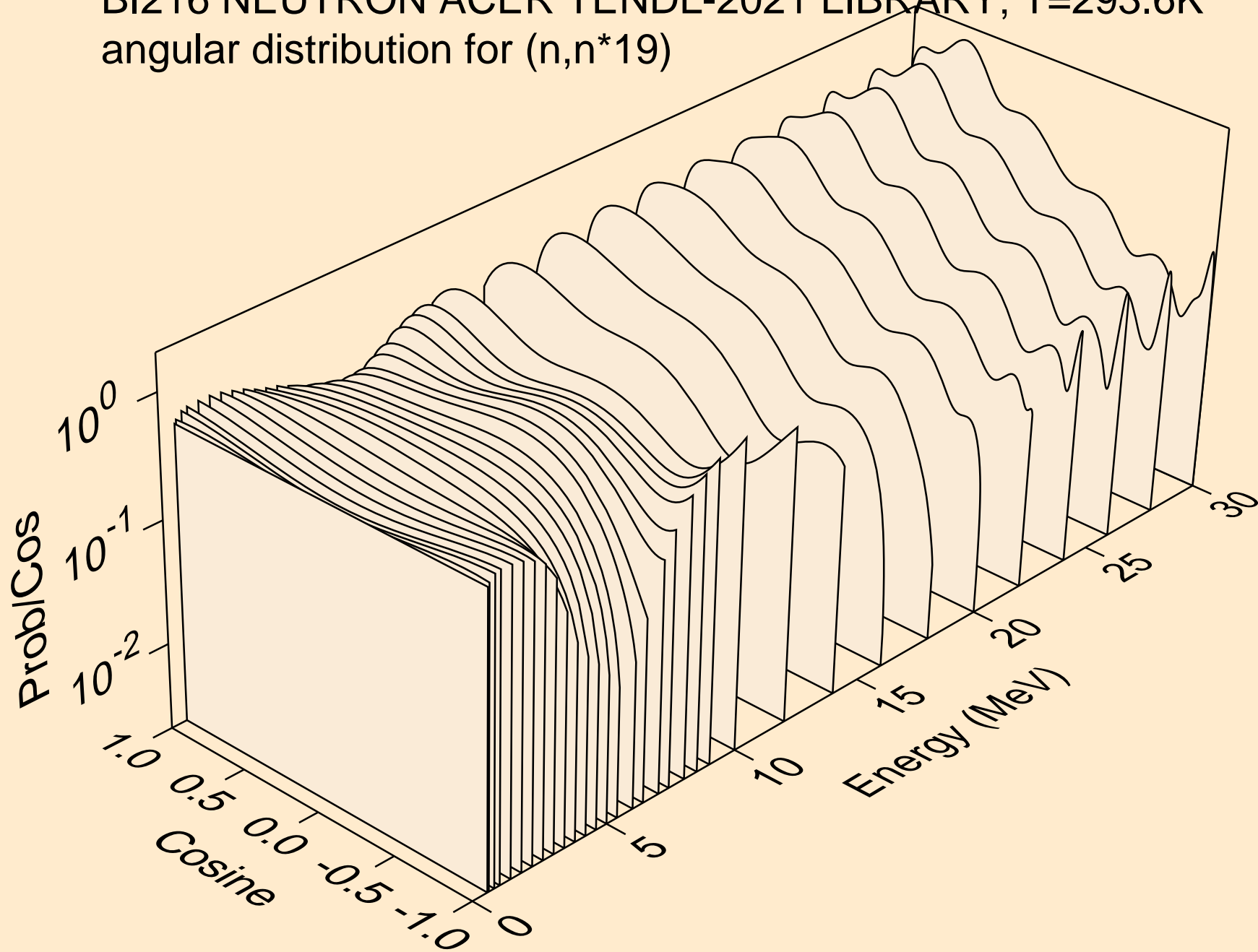
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*17)



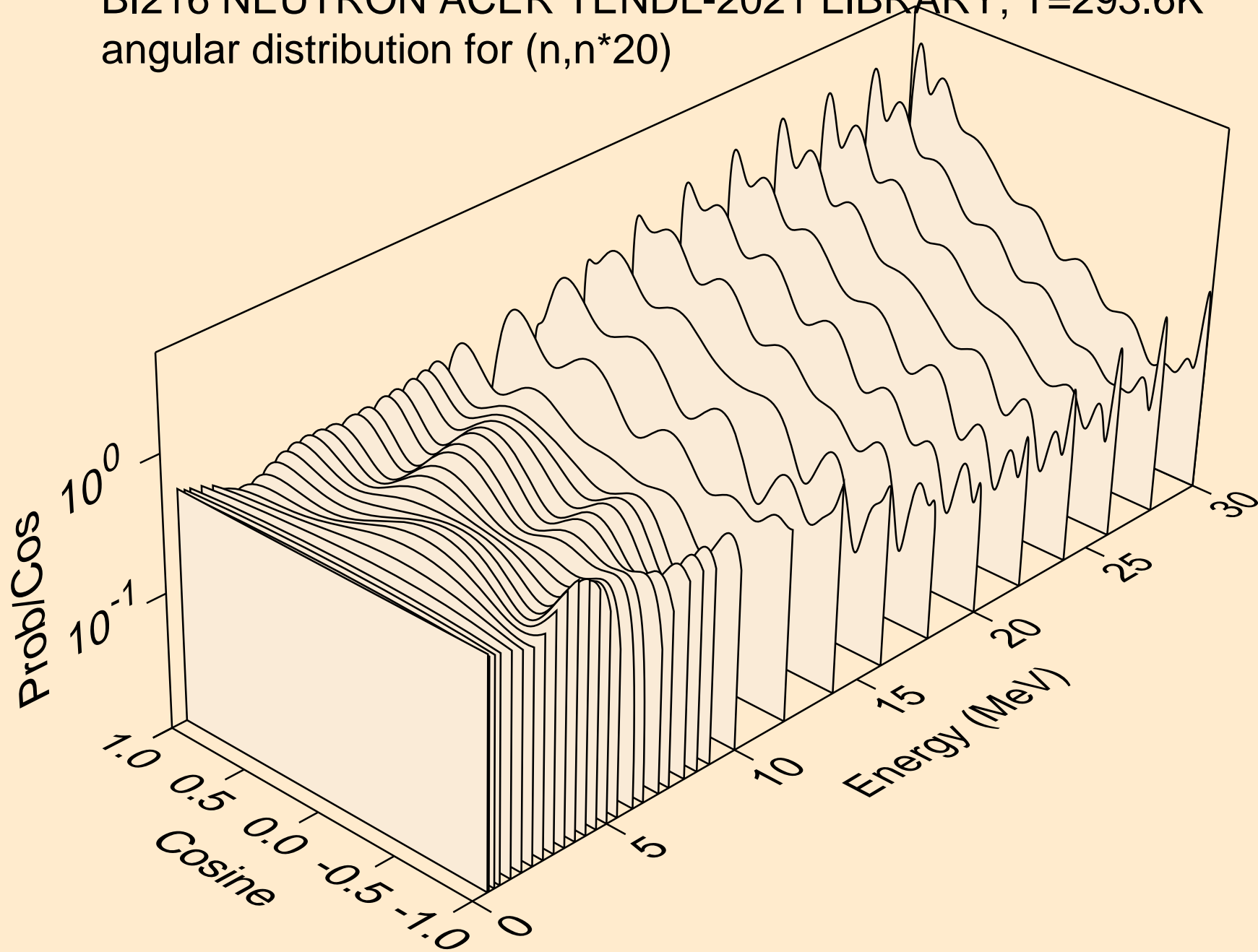
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*18)



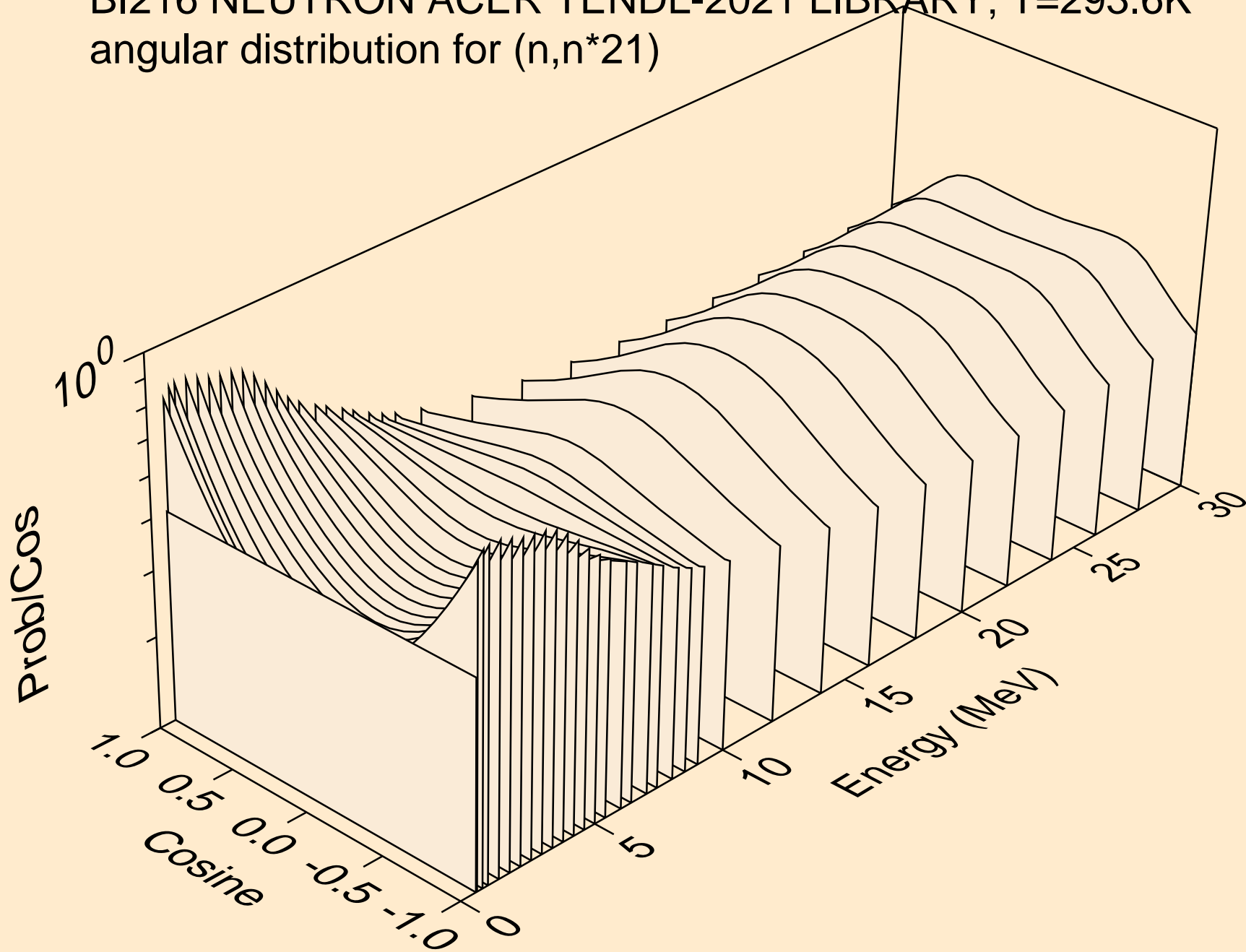
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*19)



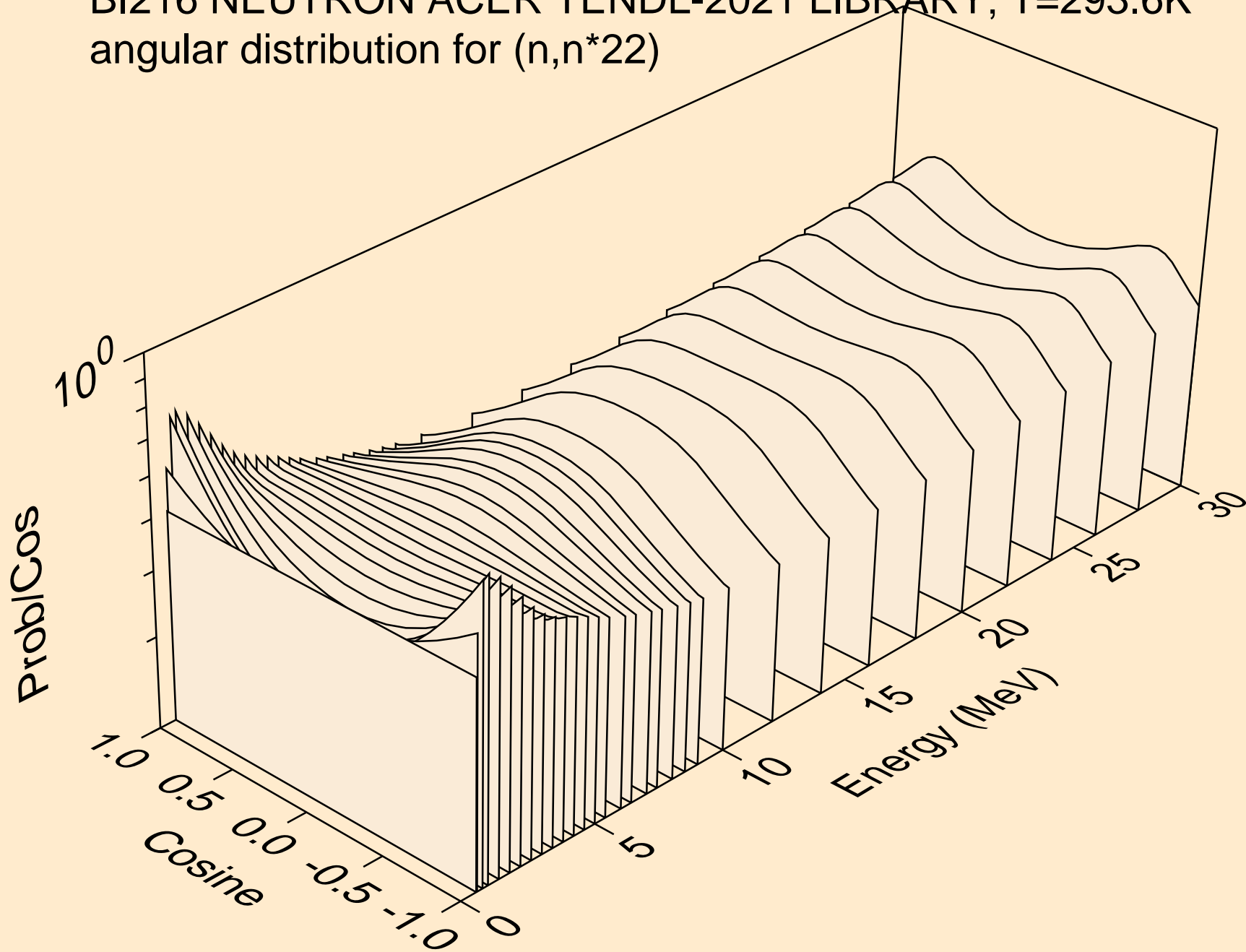
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*20)



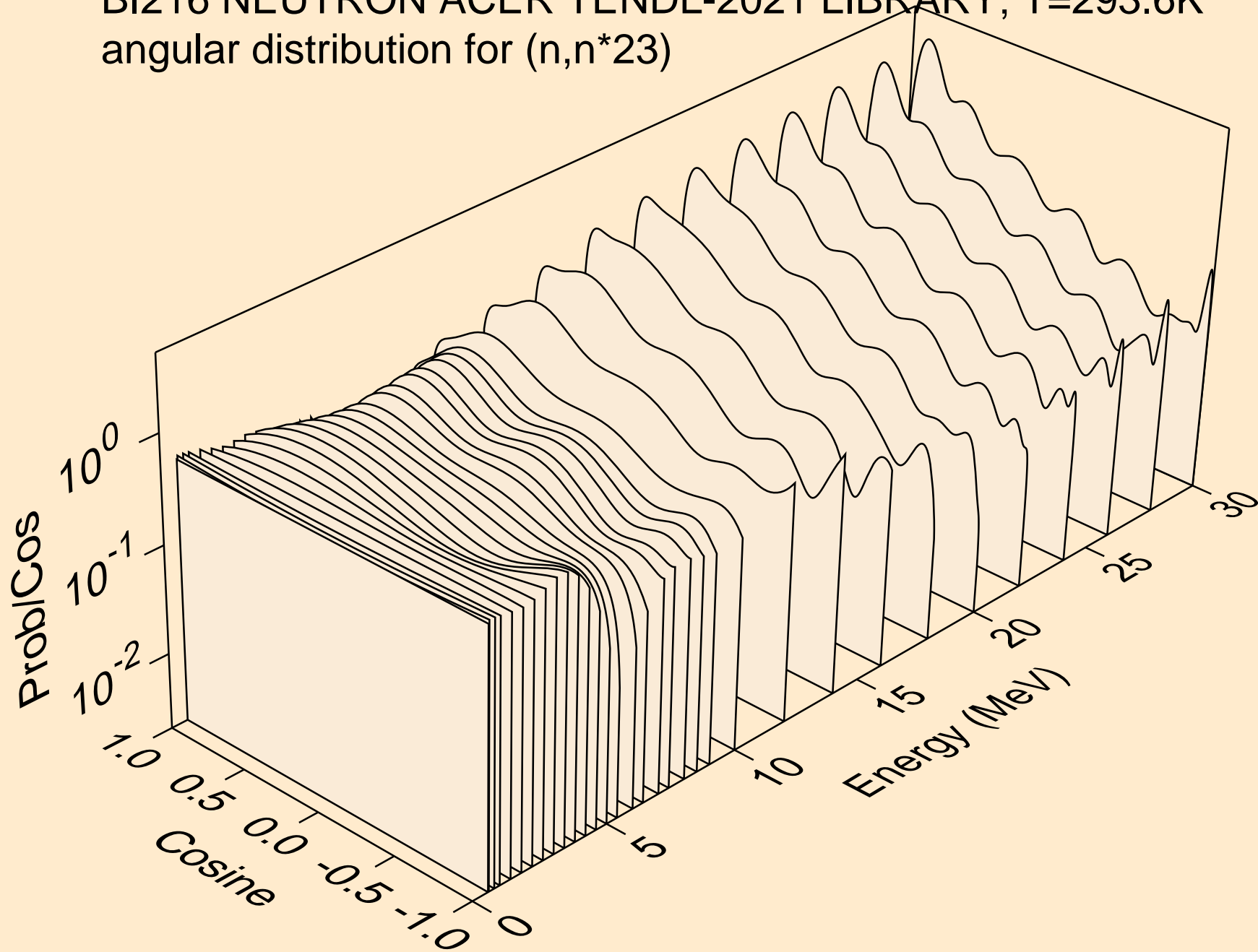
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*21)



BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*22)

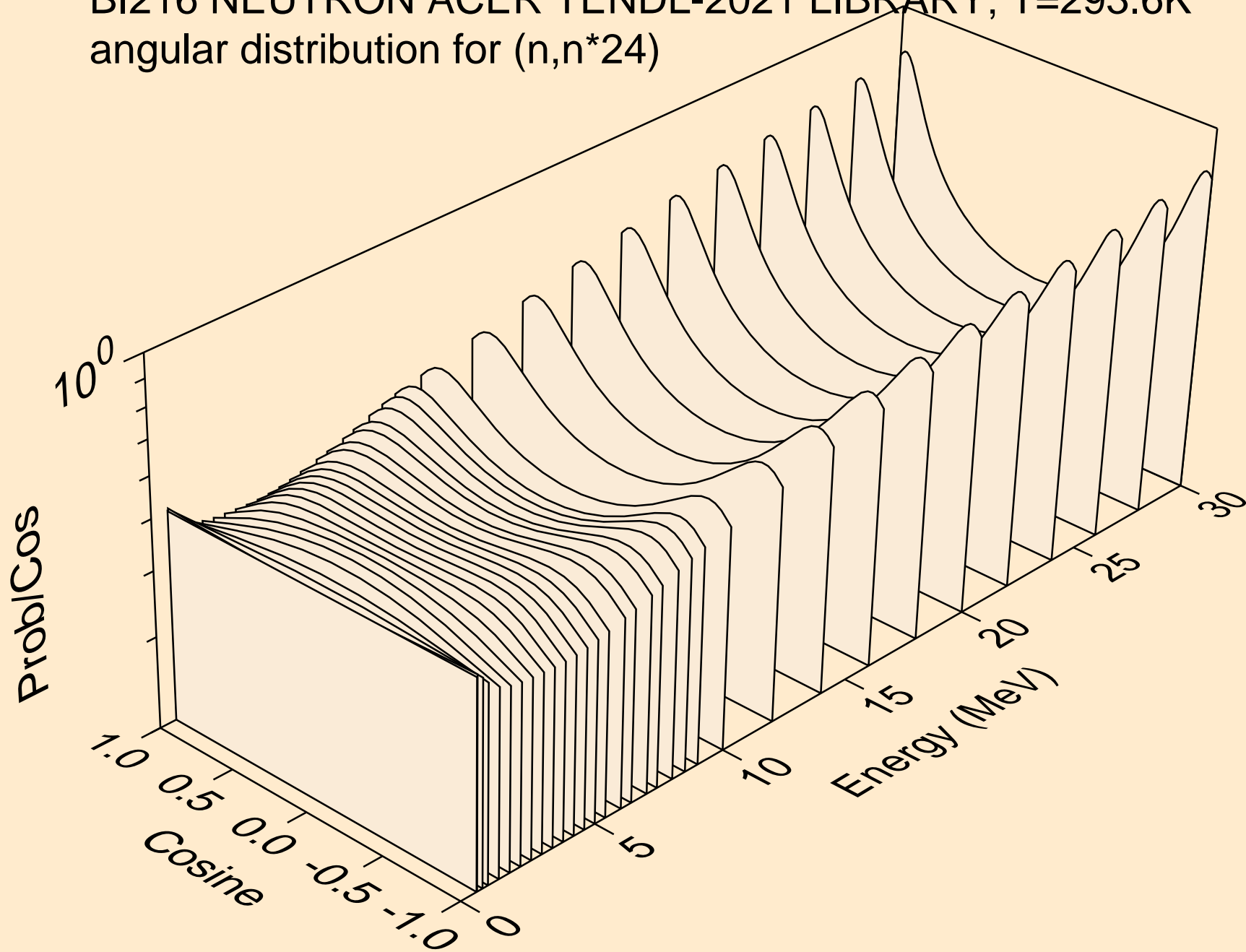


BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*23)

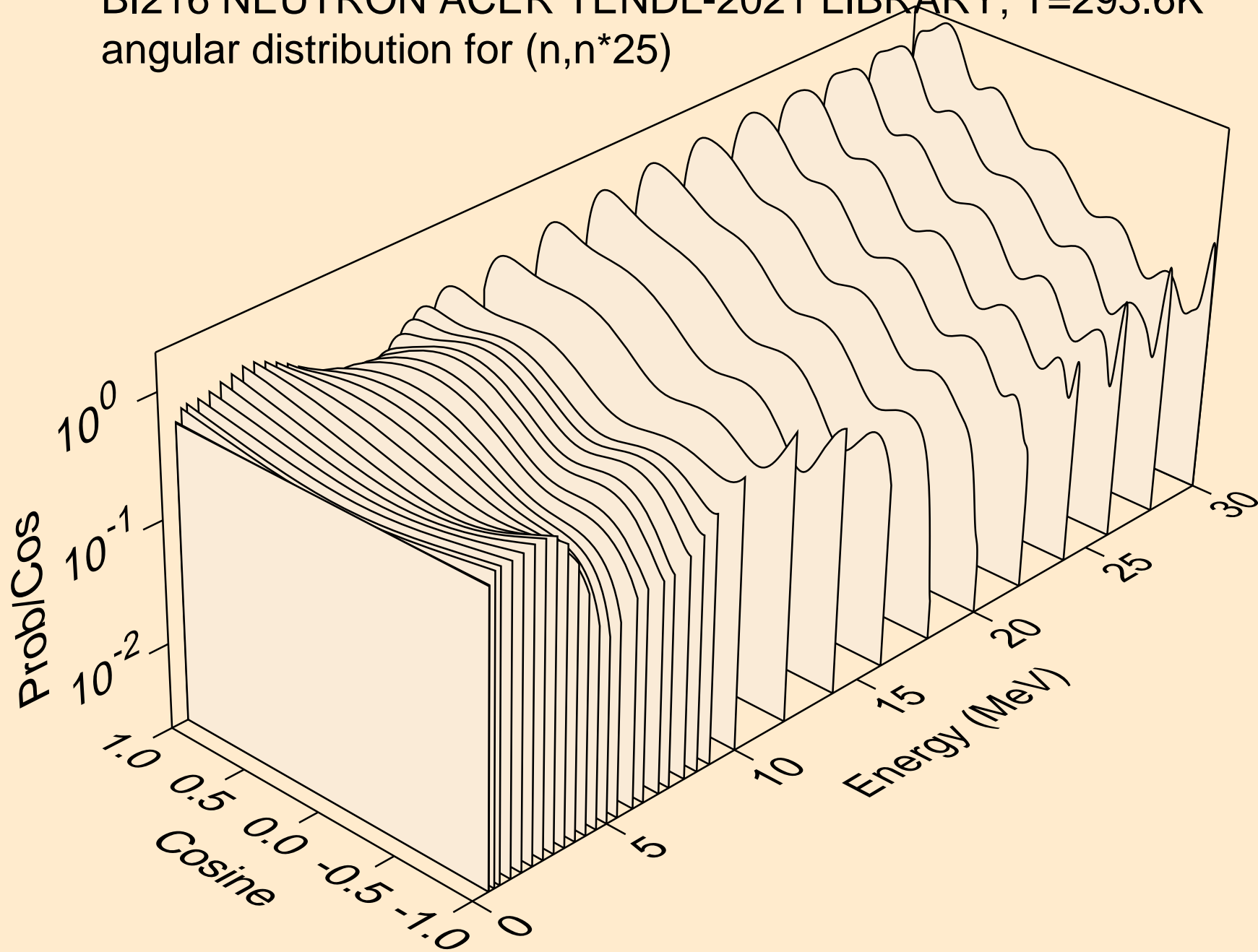




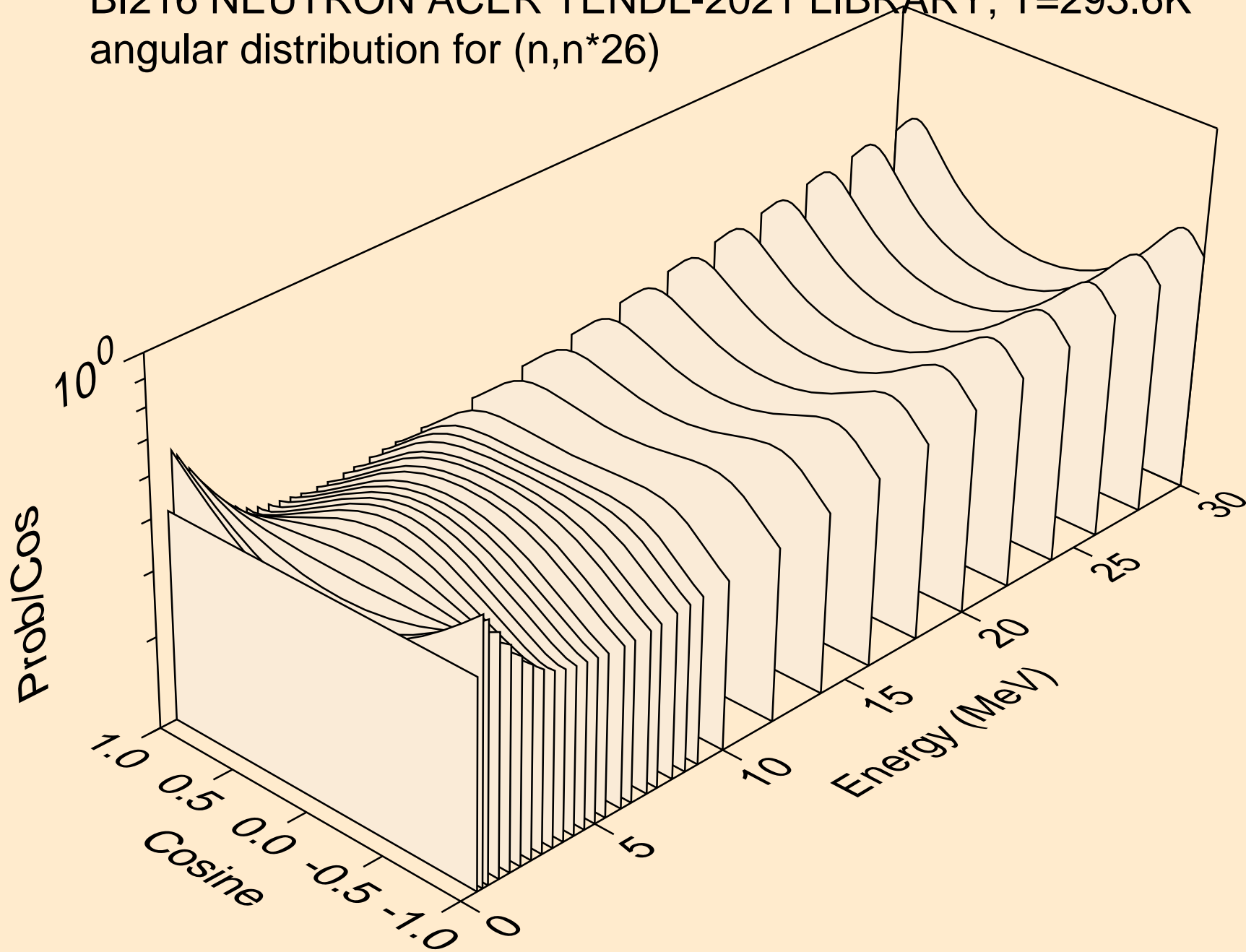
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*24)



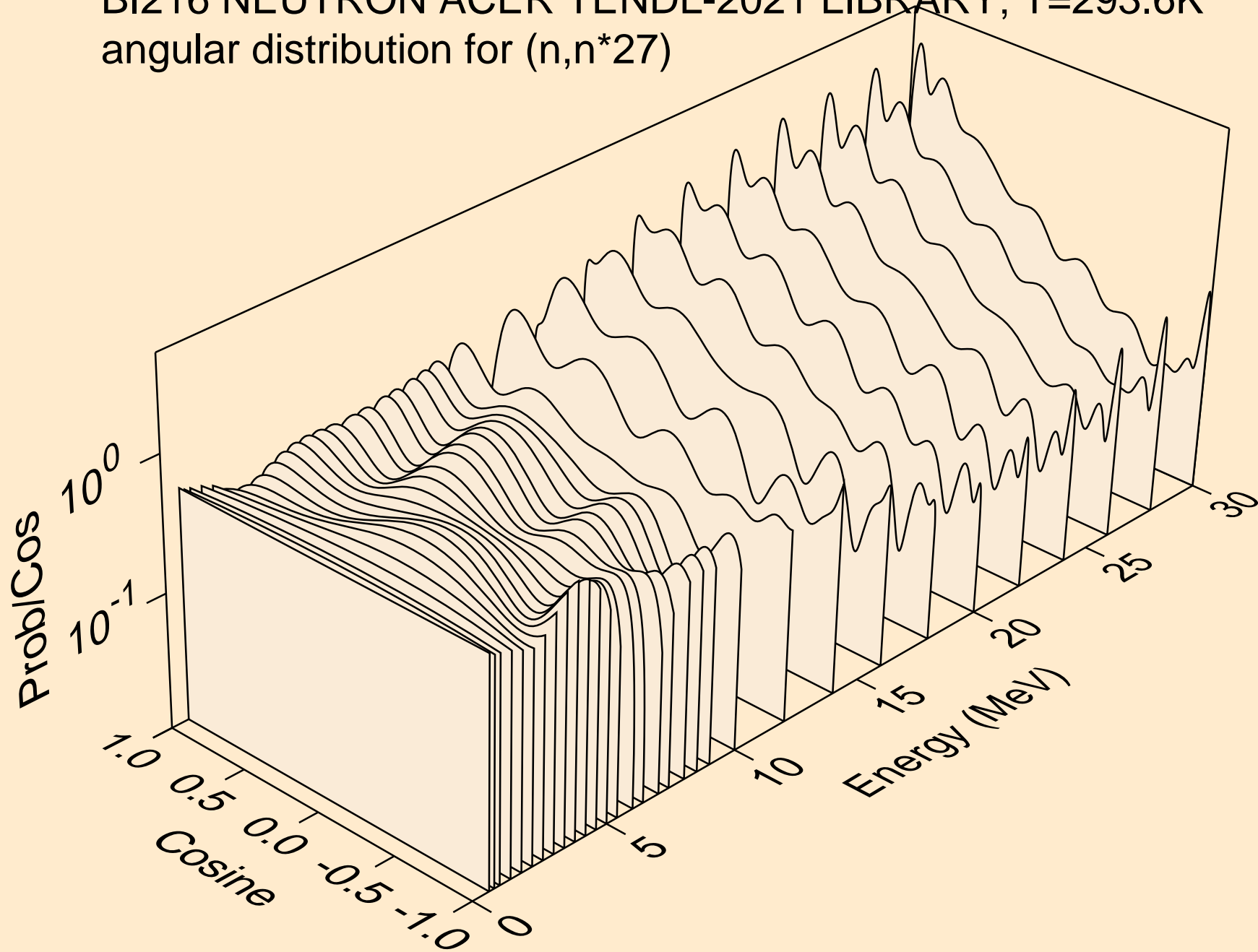
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*25)



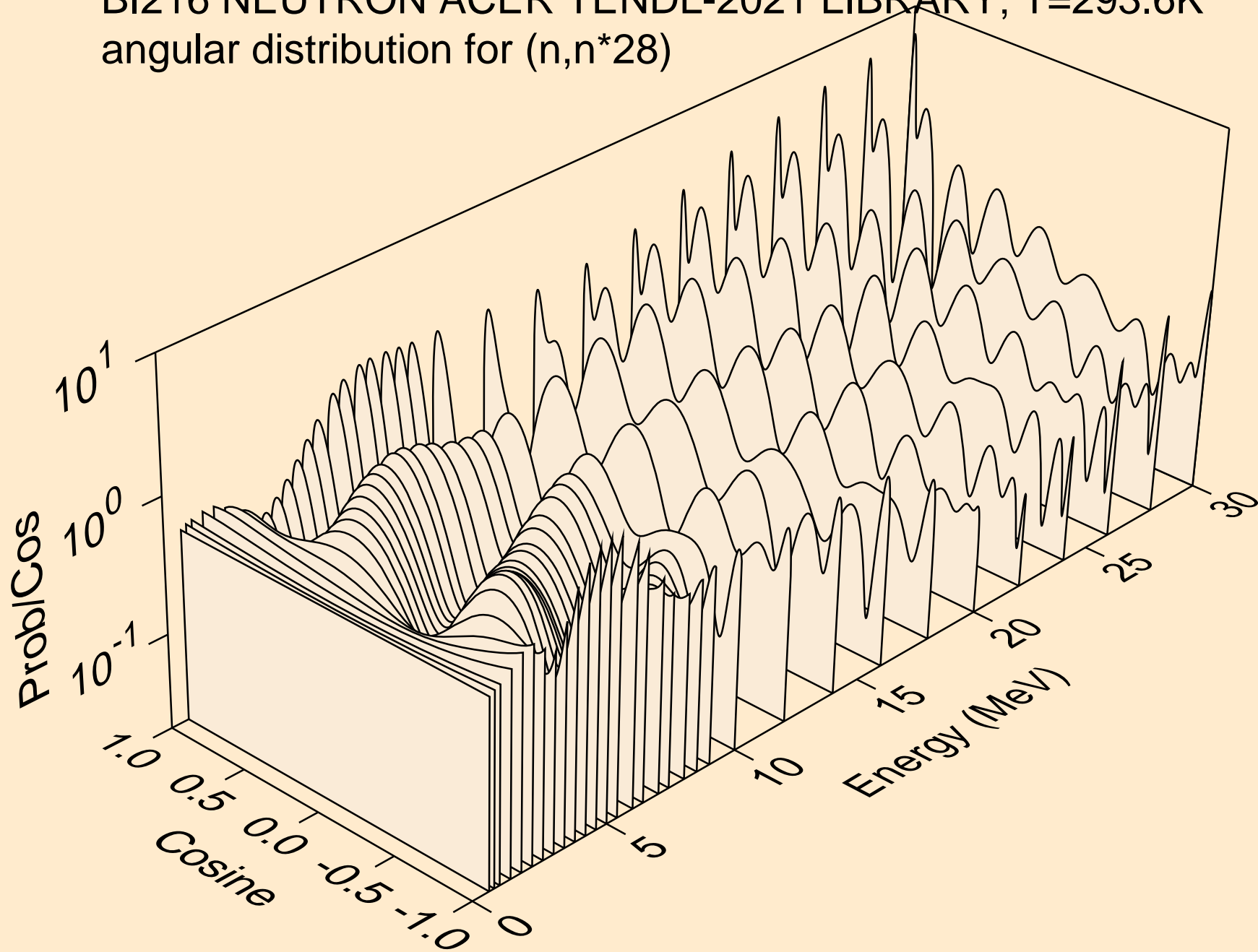
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*26)



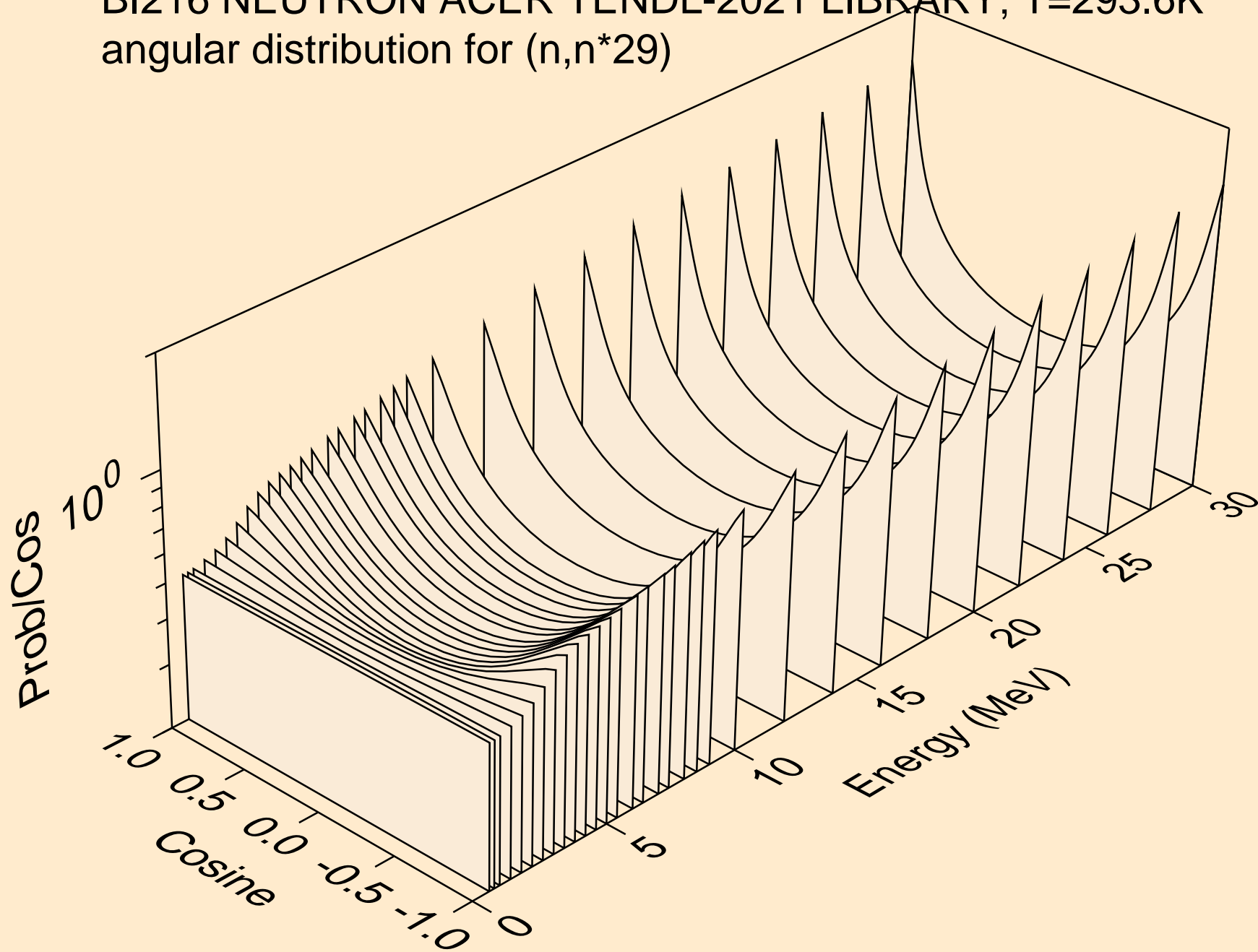
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*27)



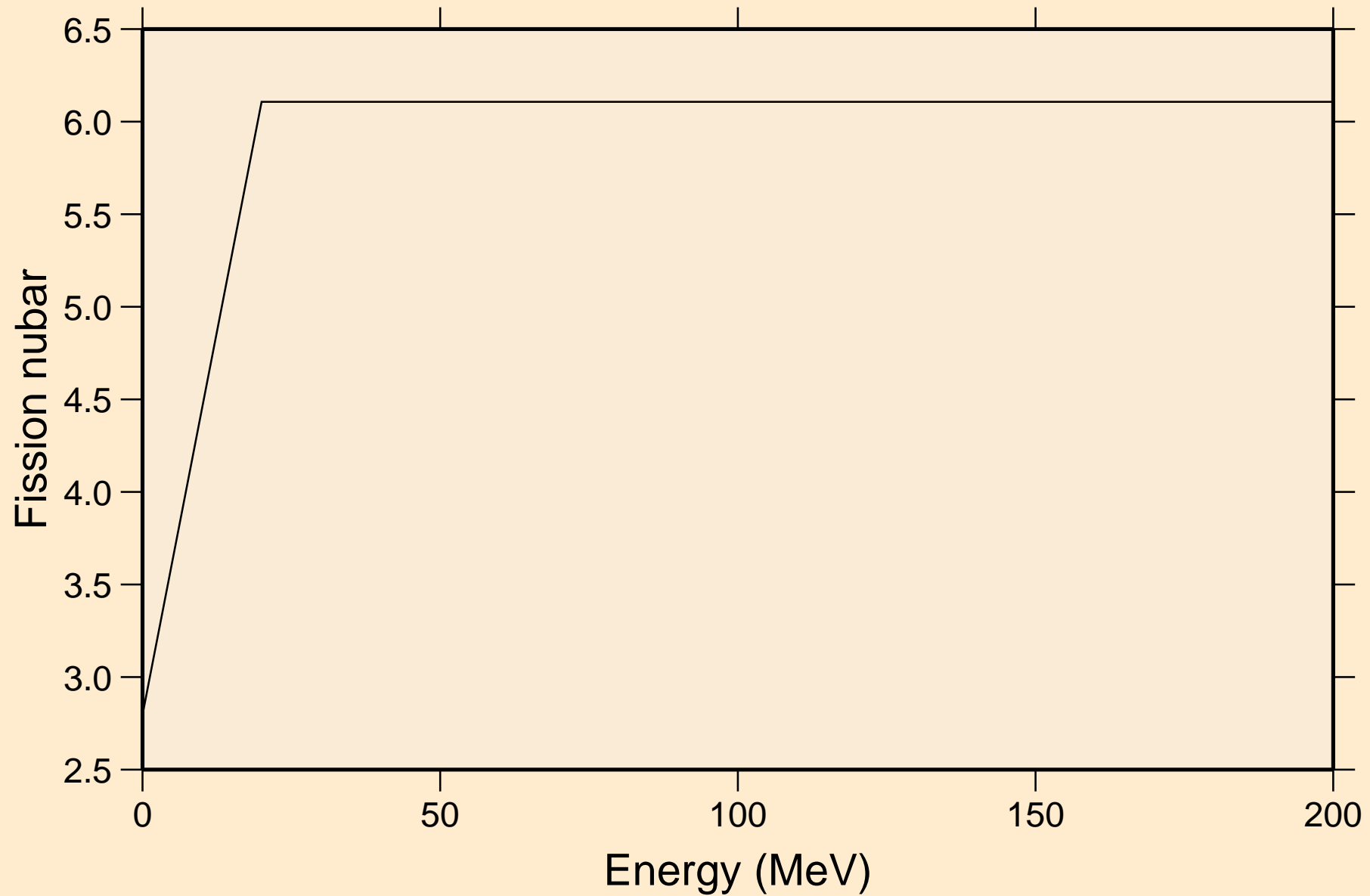
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*28)



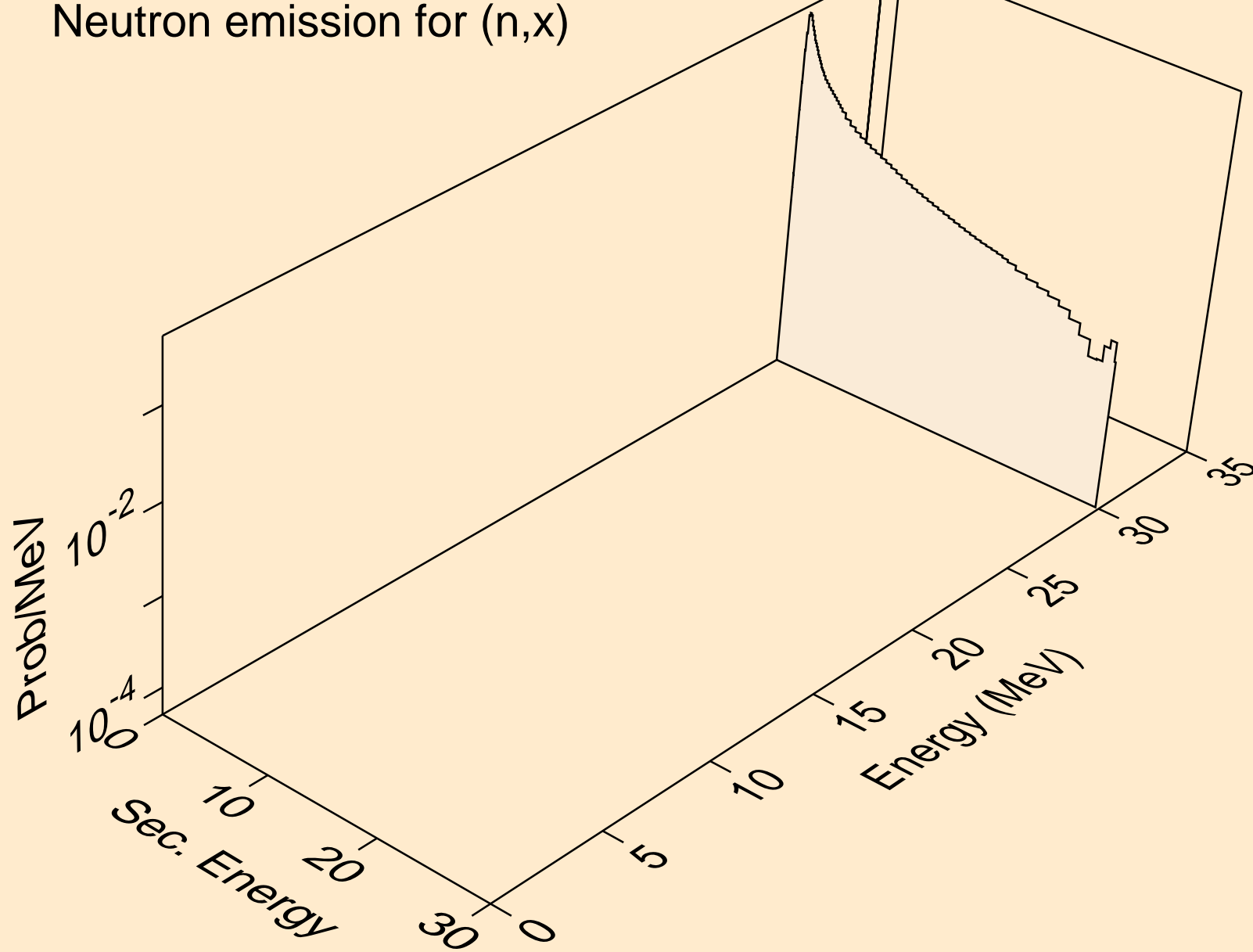
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*29)



BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Total fission nubar

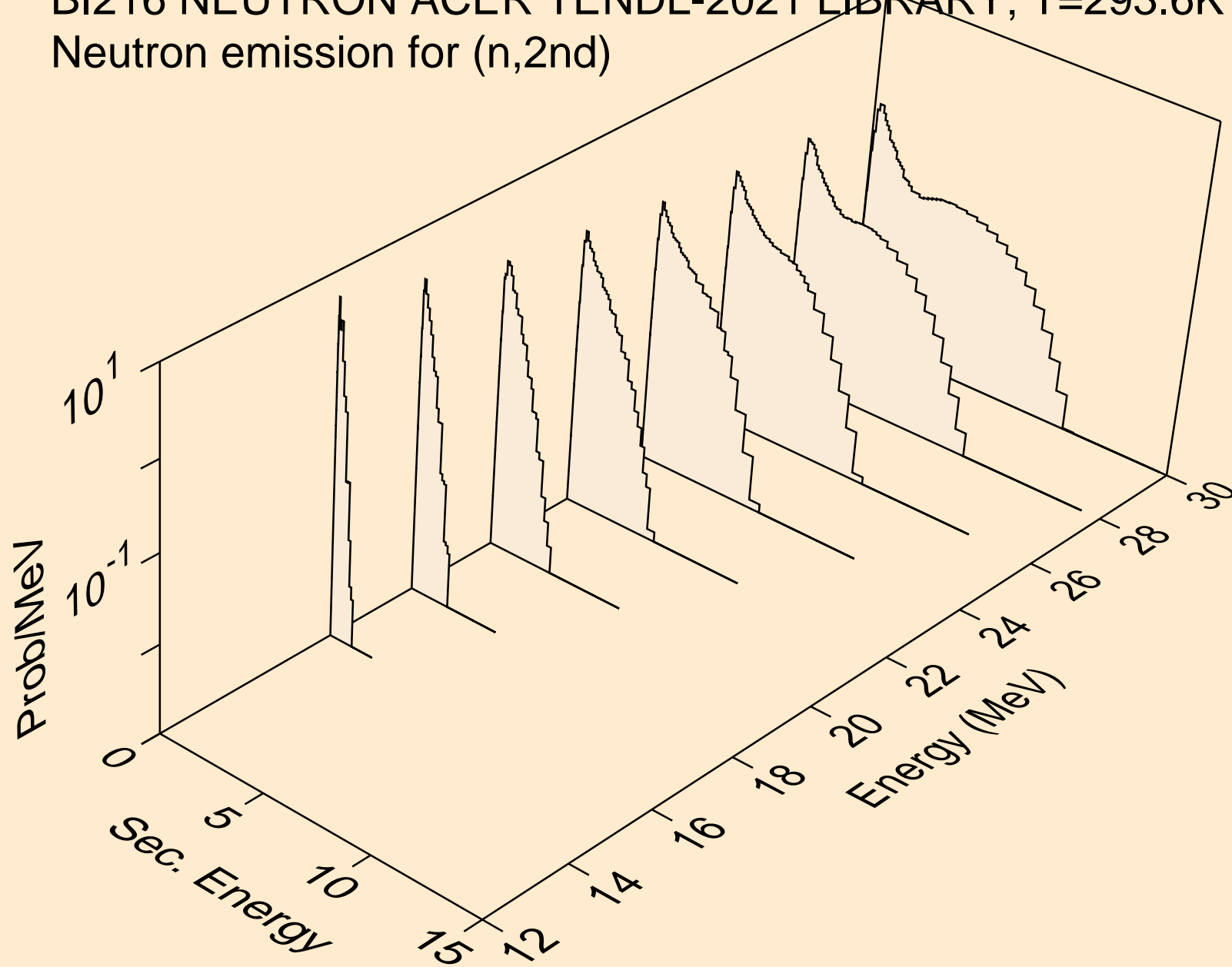


BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)

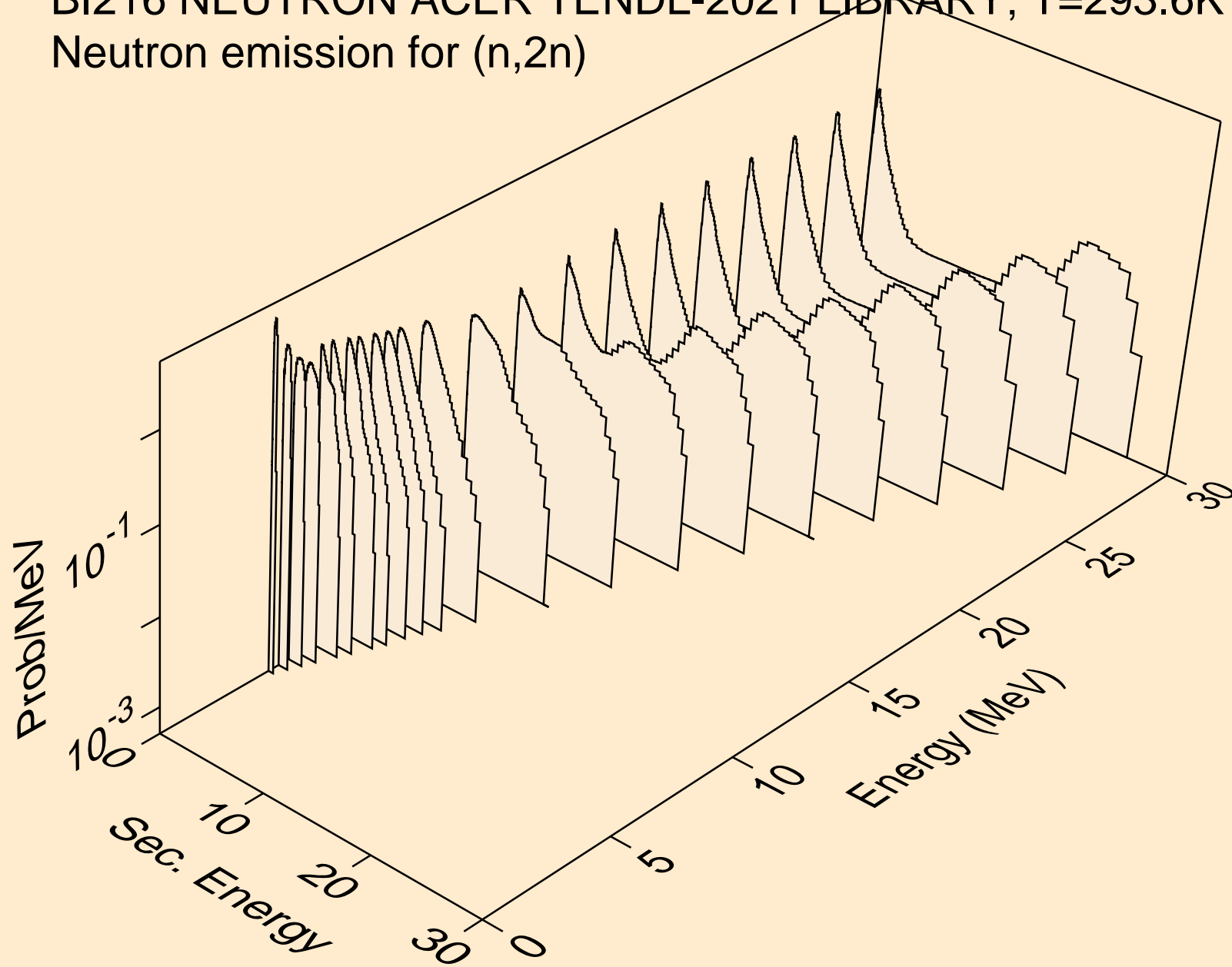




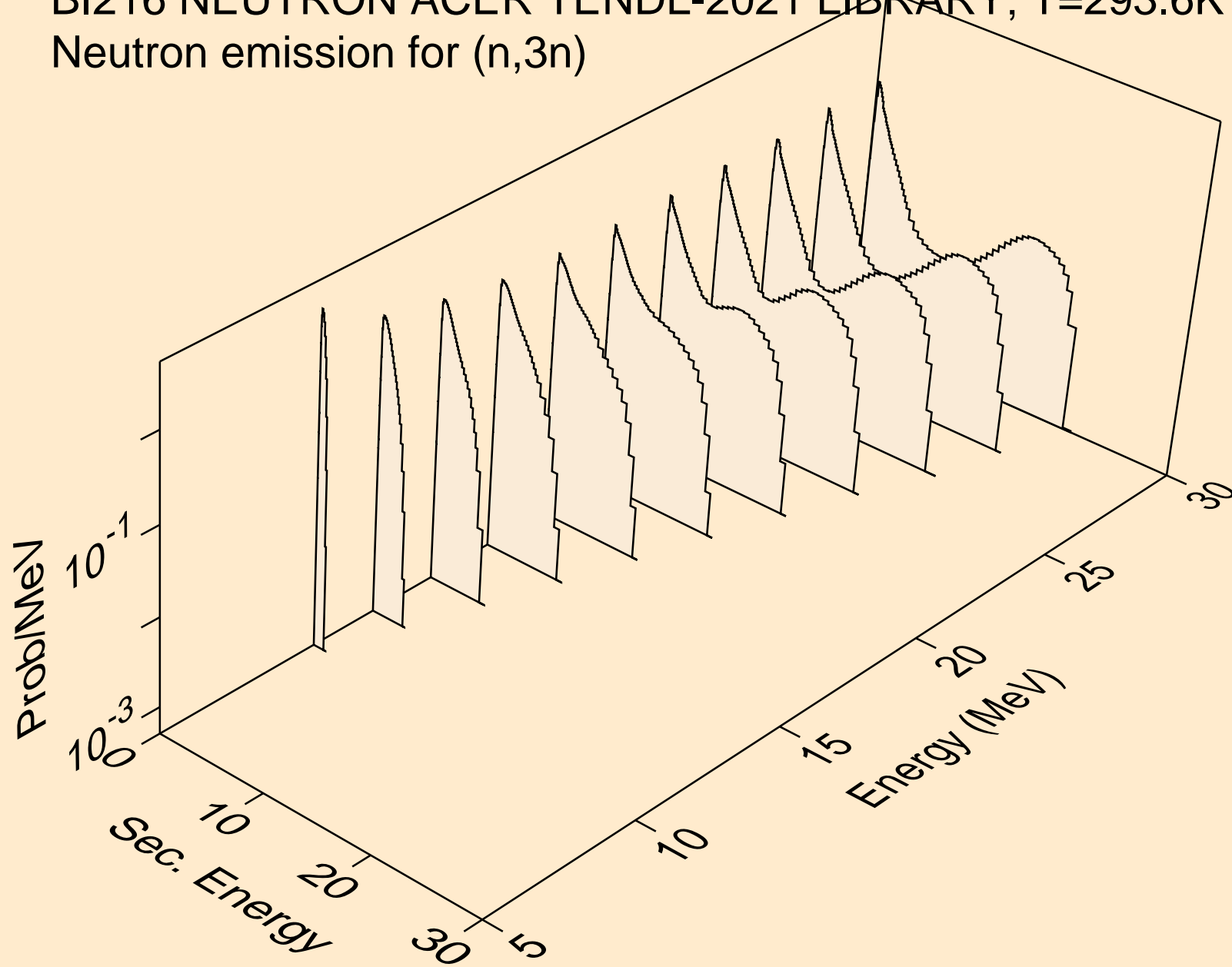
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



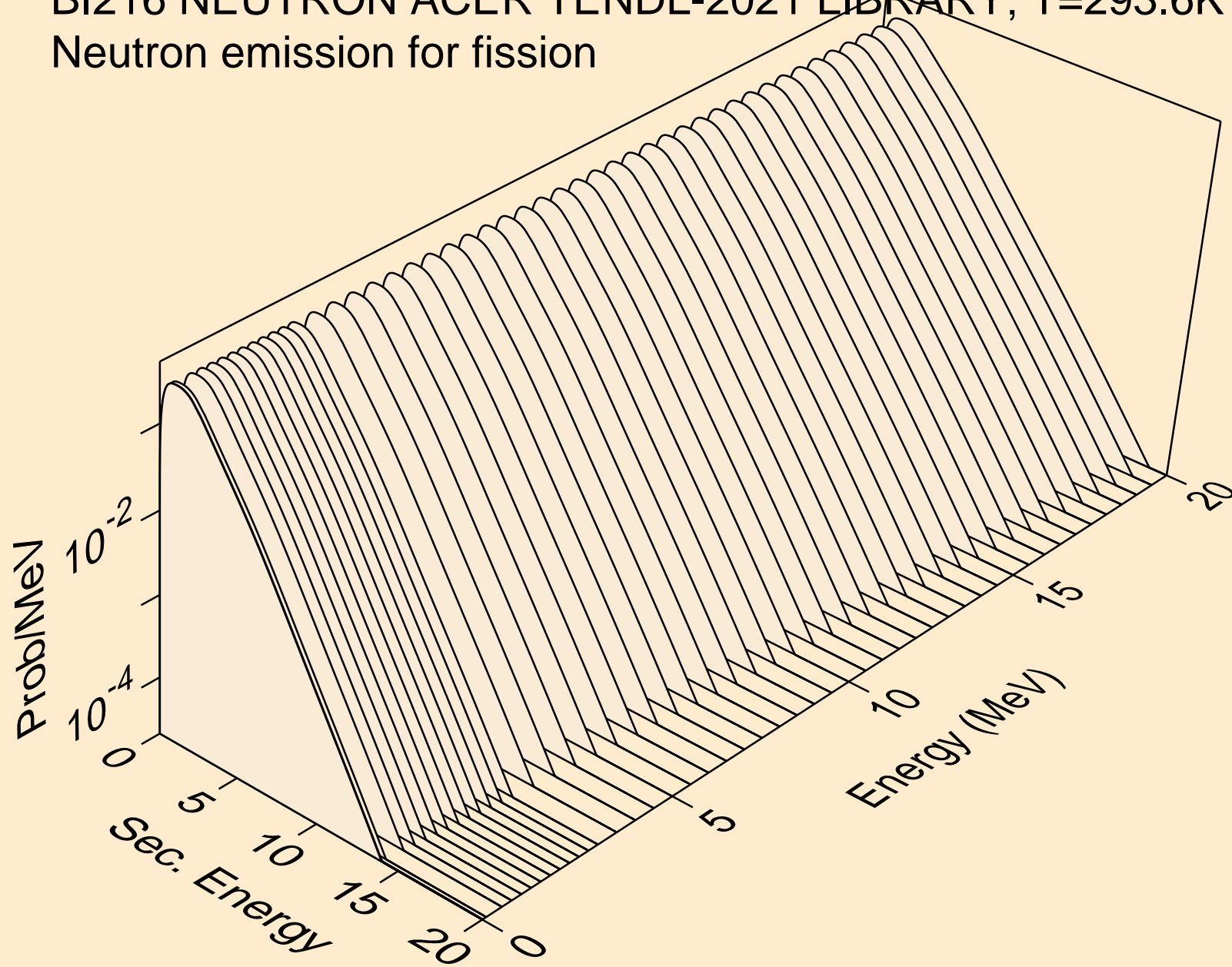
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



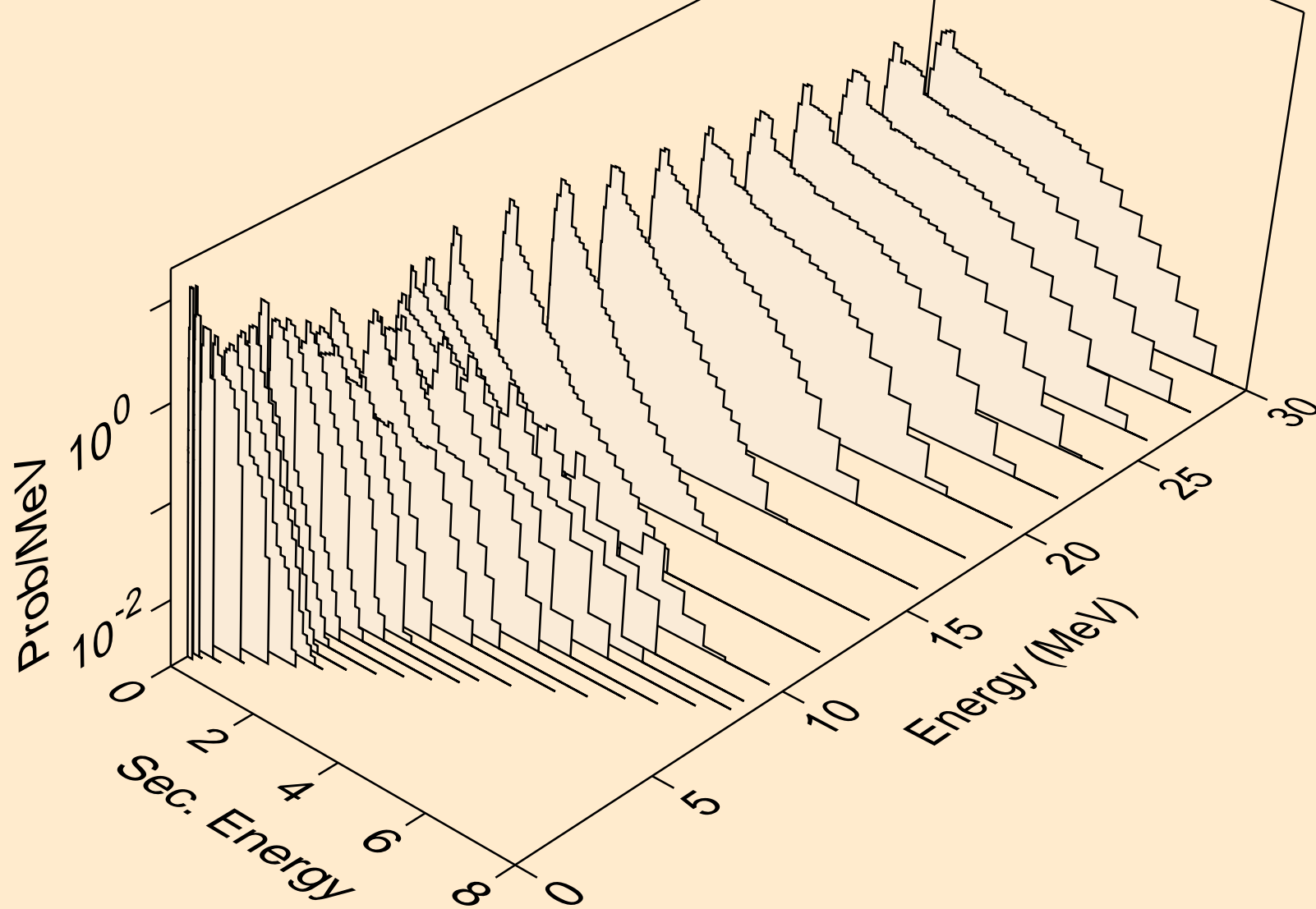
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



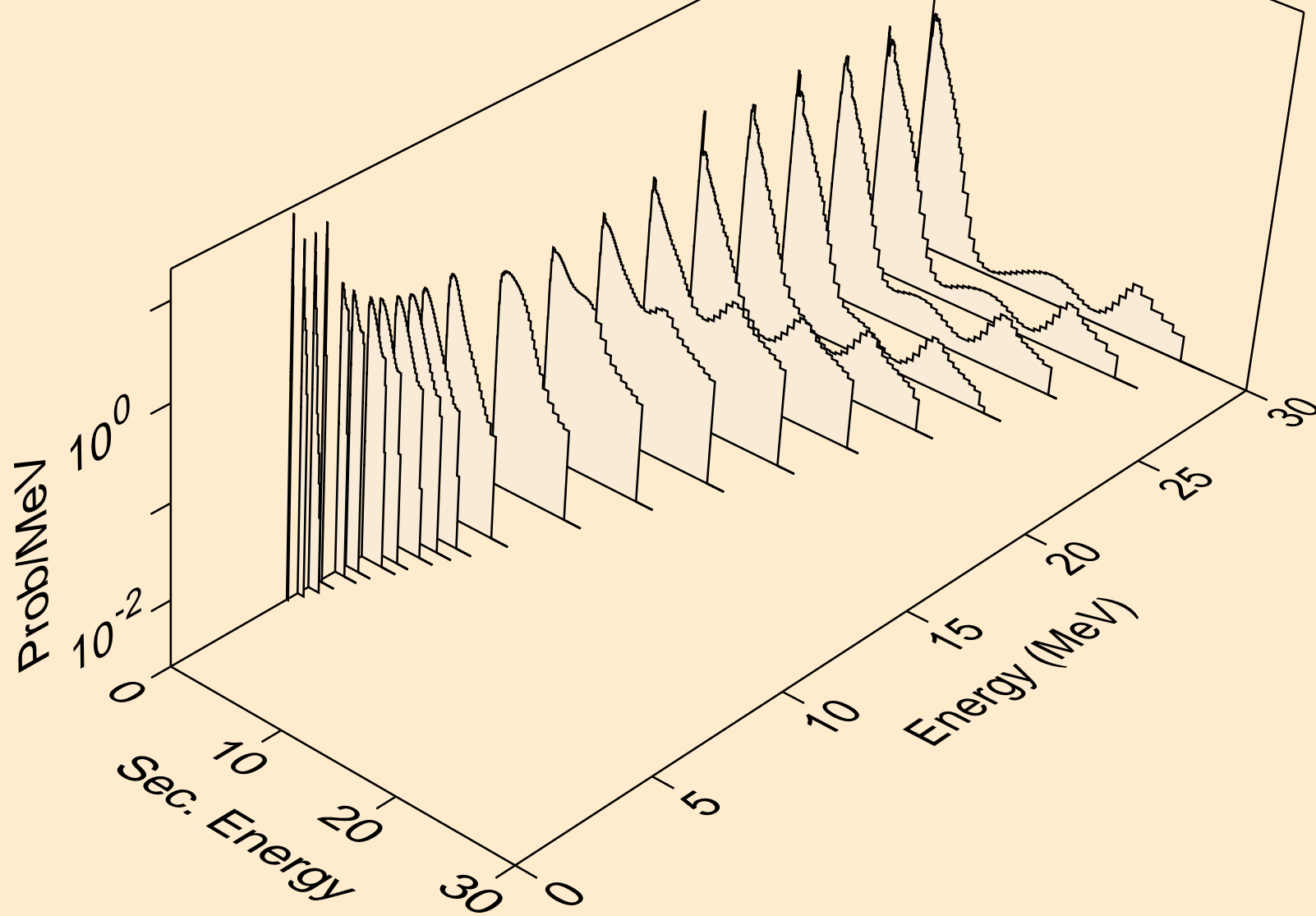
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for fission



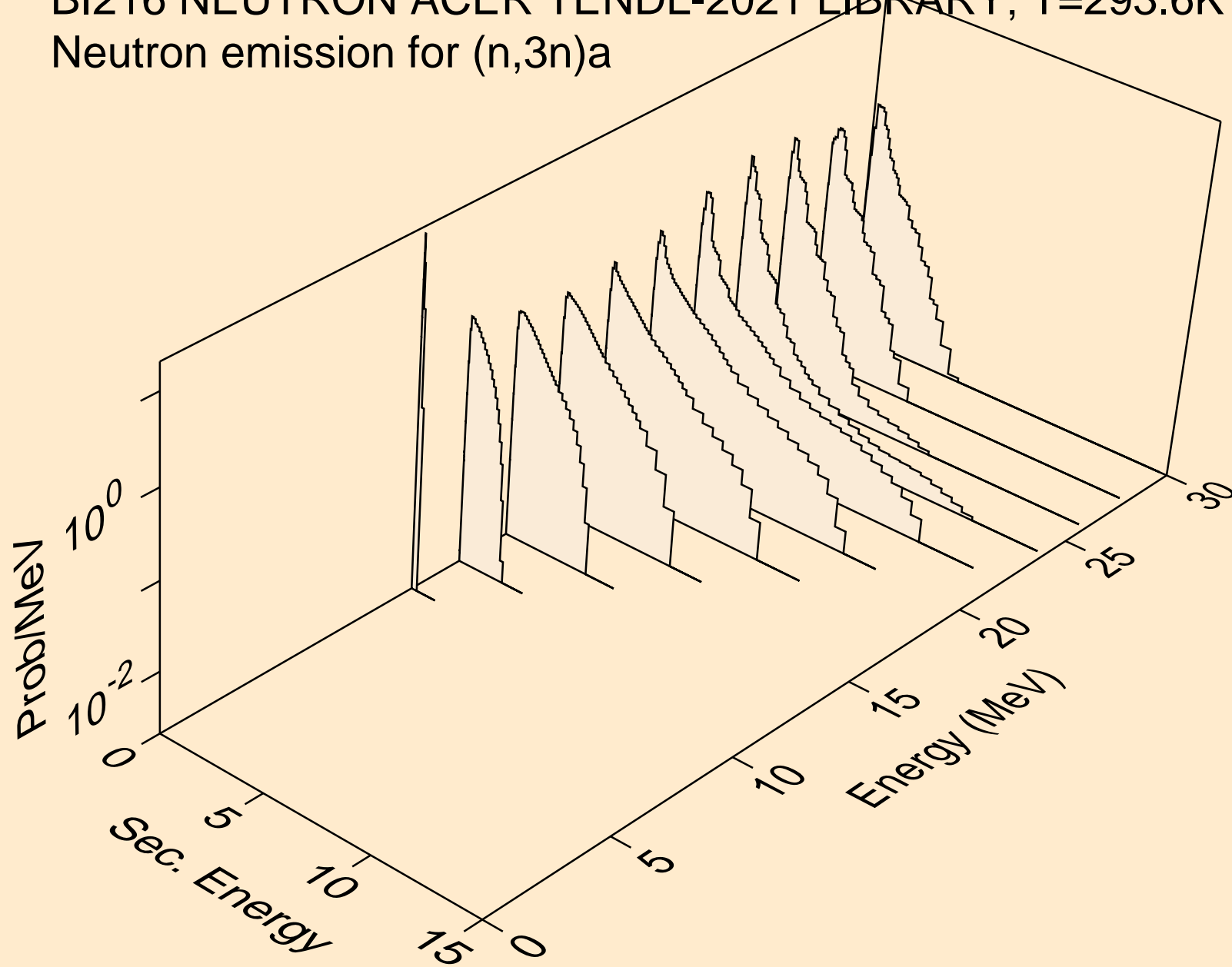
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



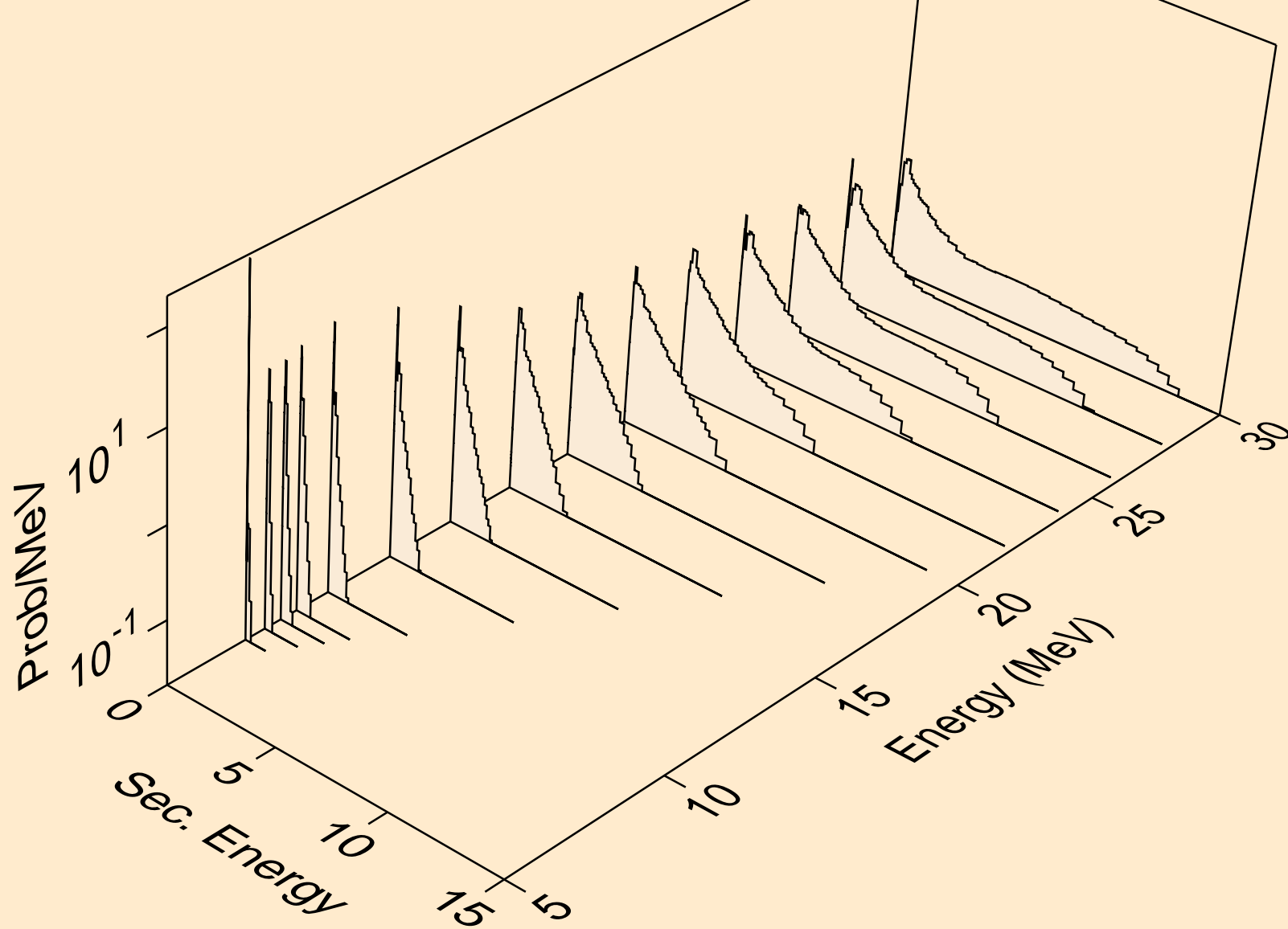
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)a



BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)a

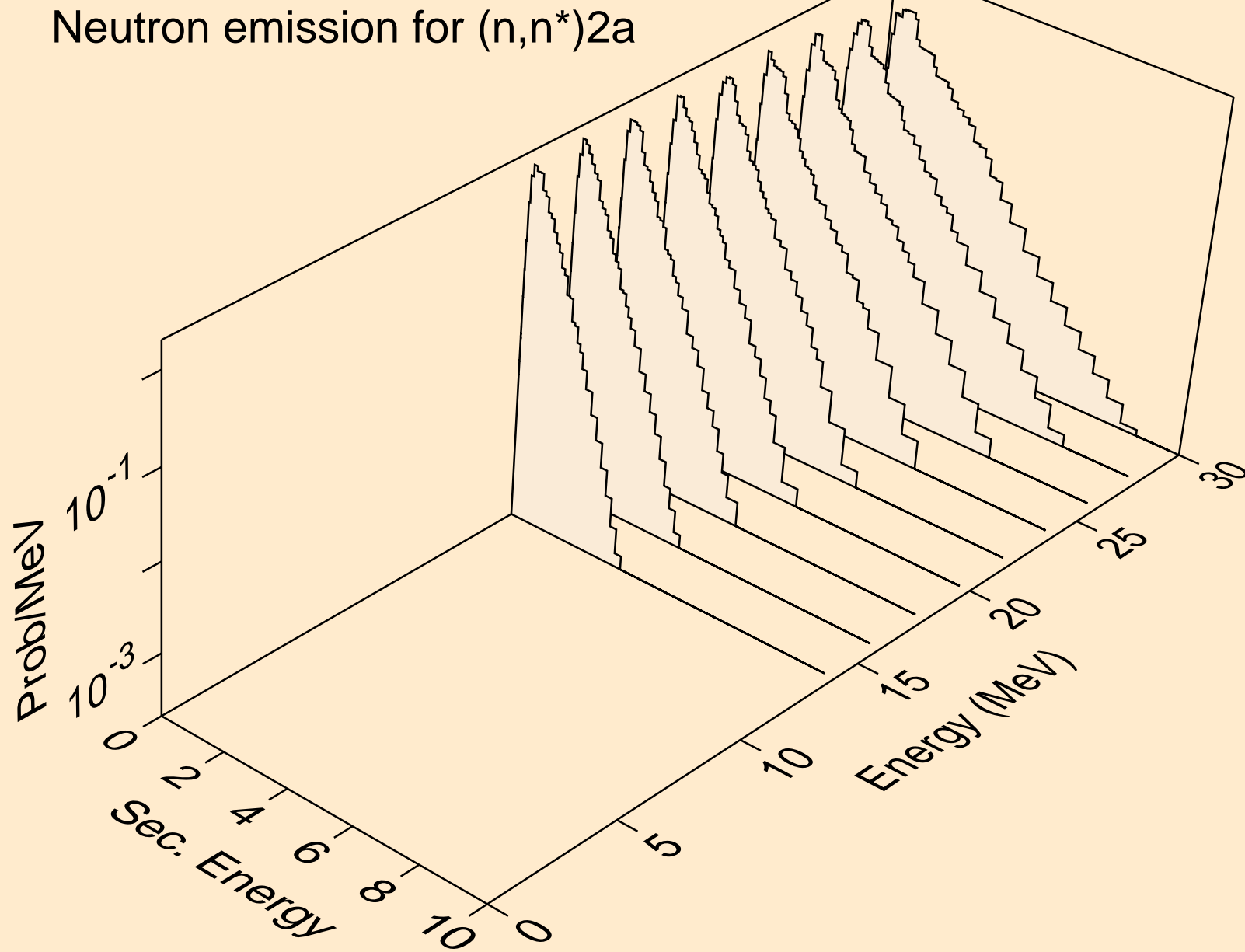


BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p

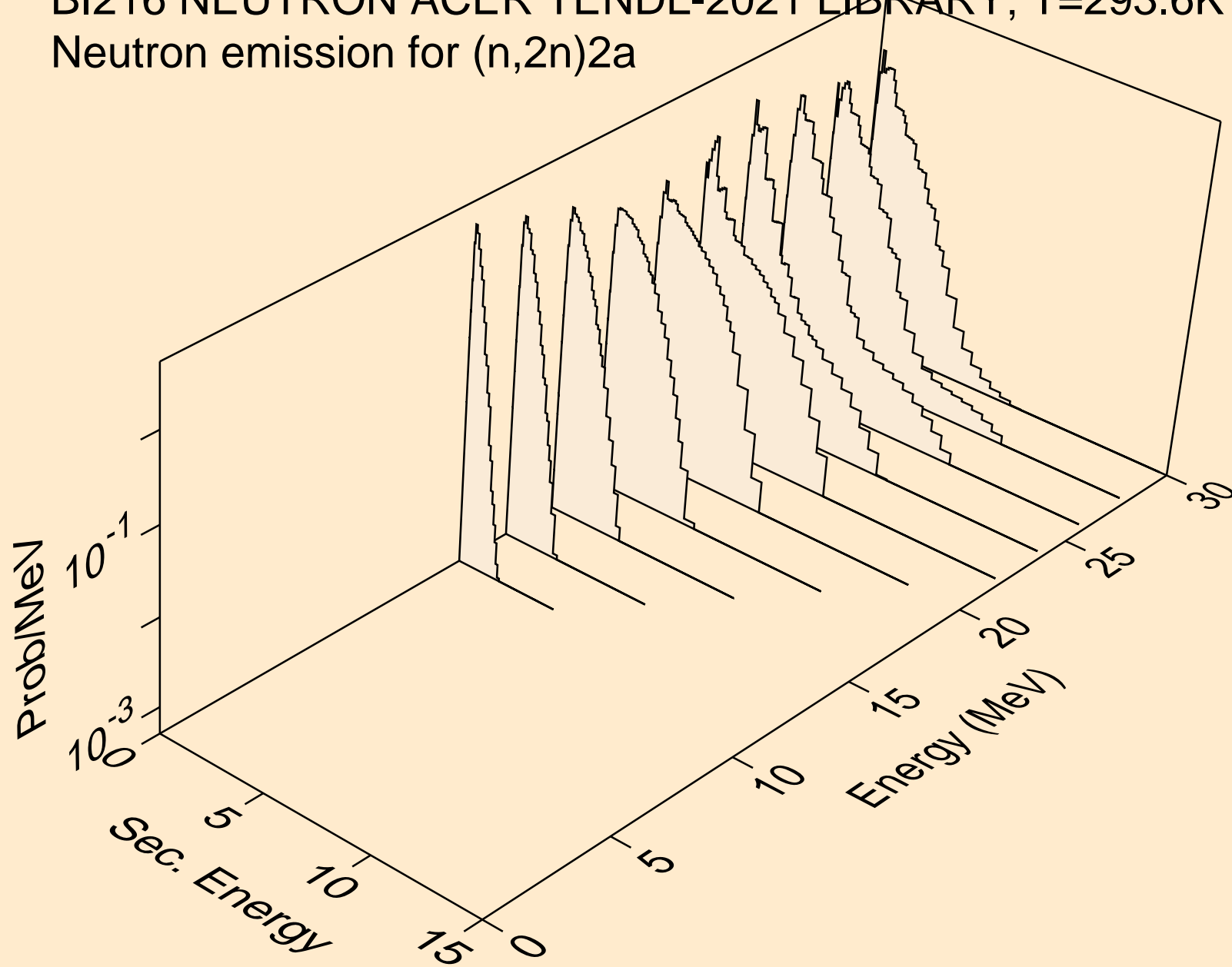




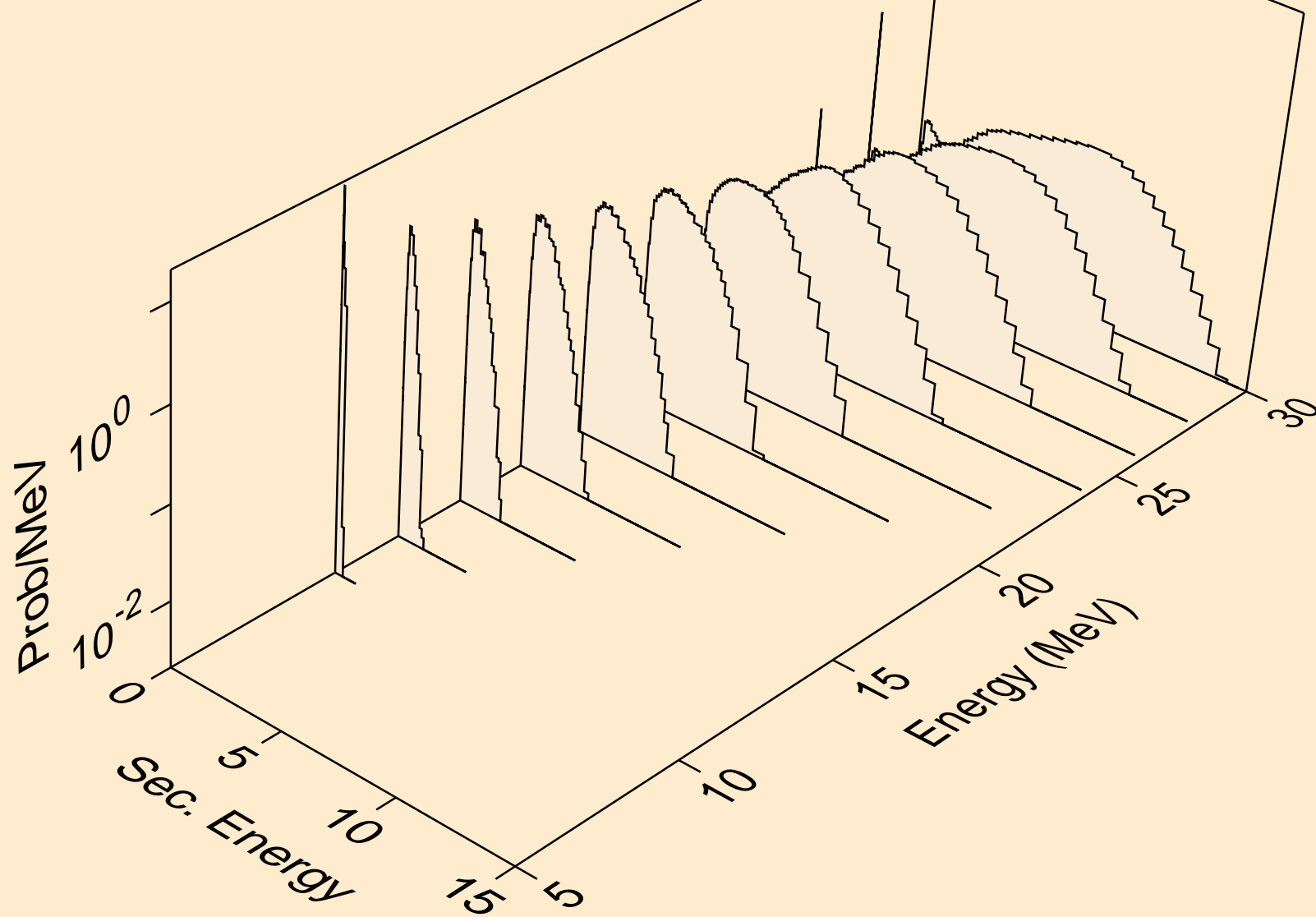
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a



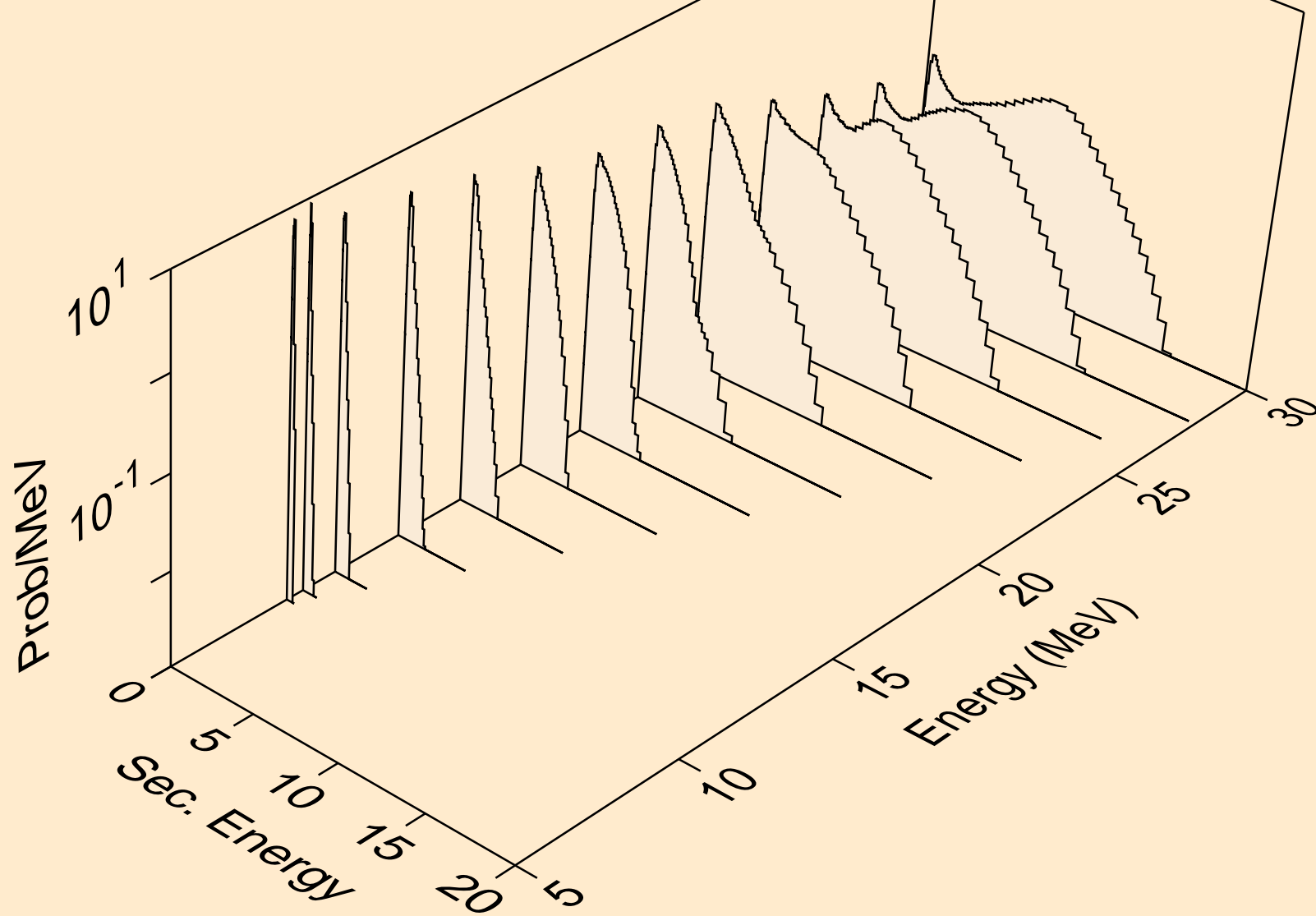
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)2a



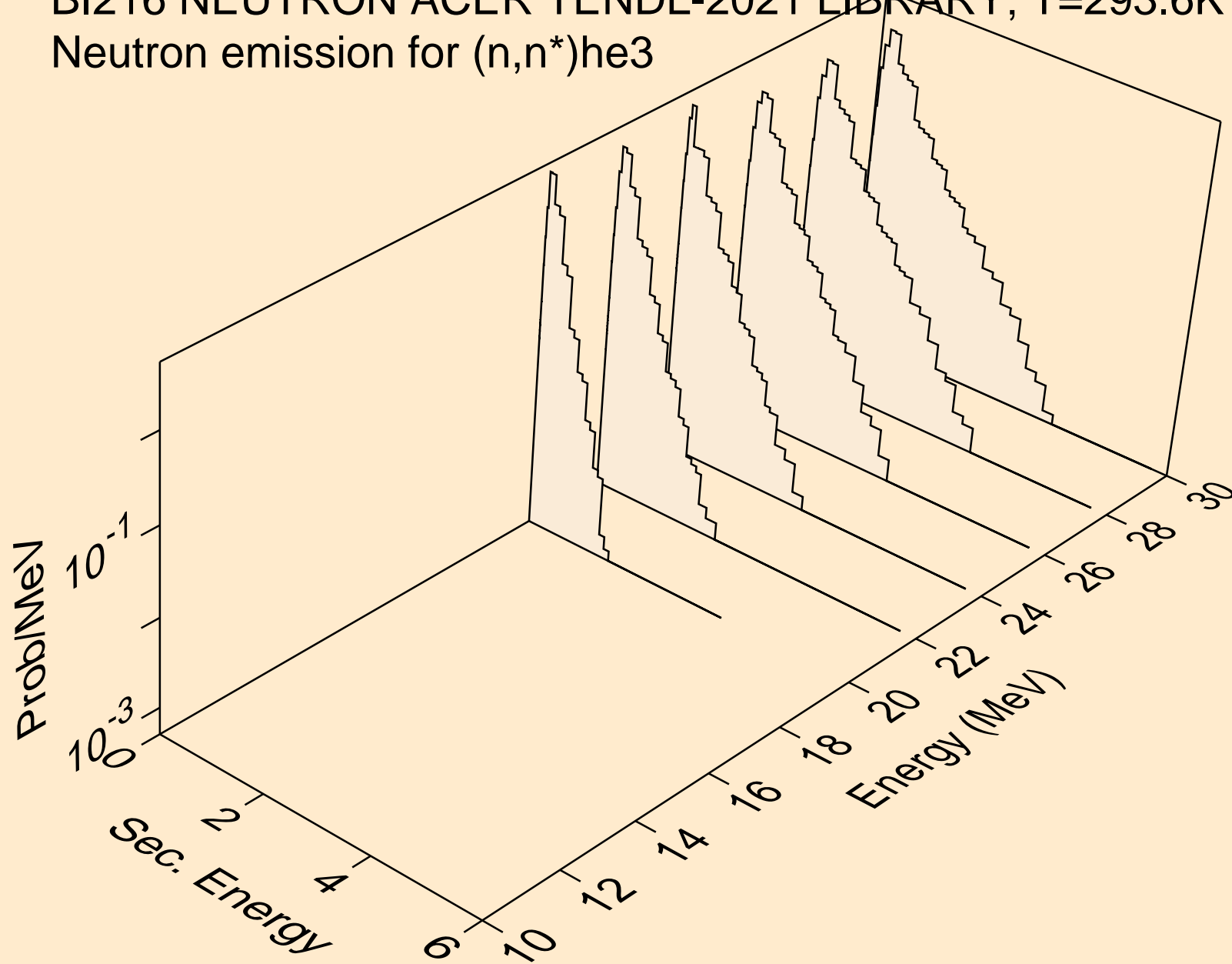
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



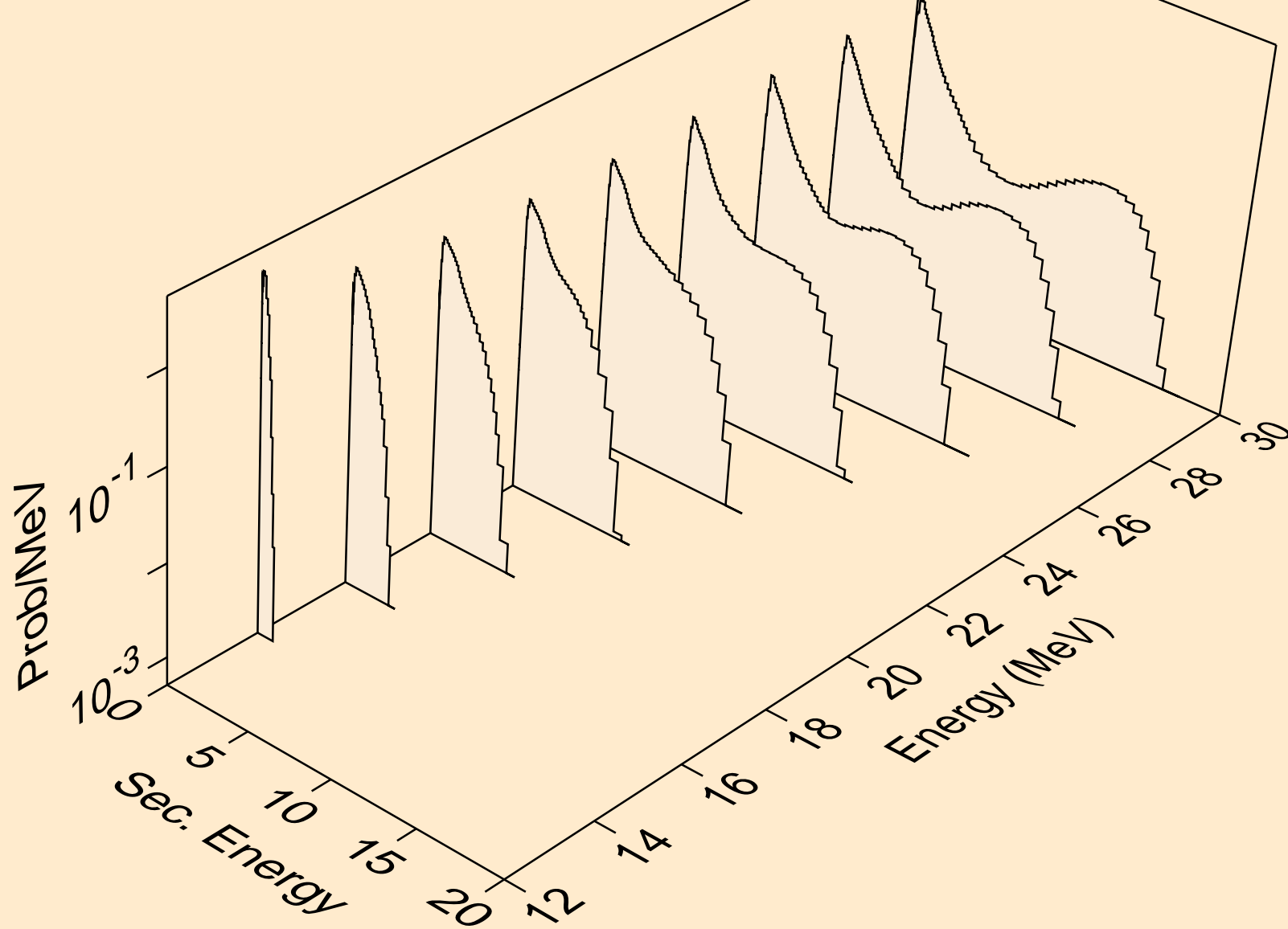
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



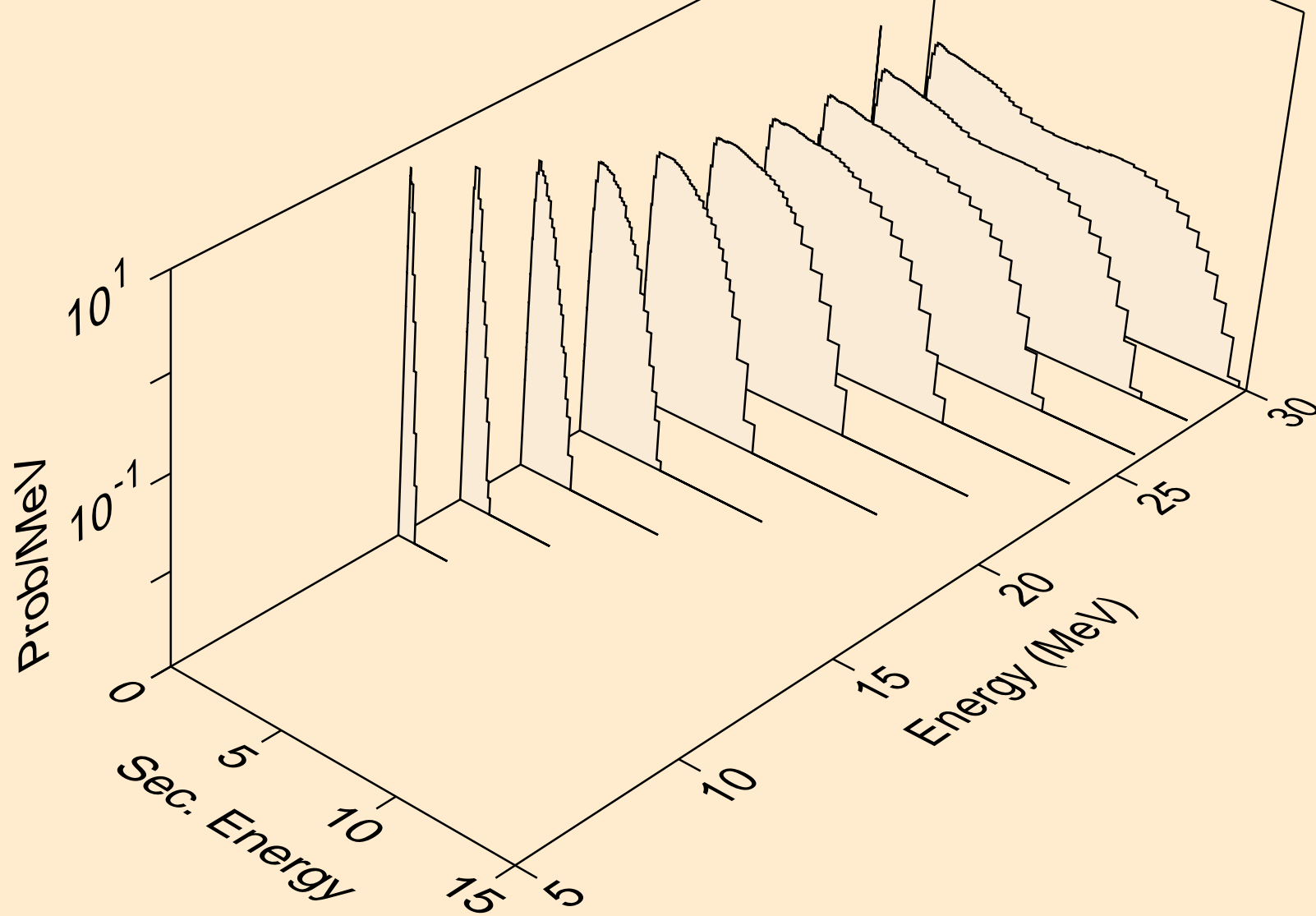
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



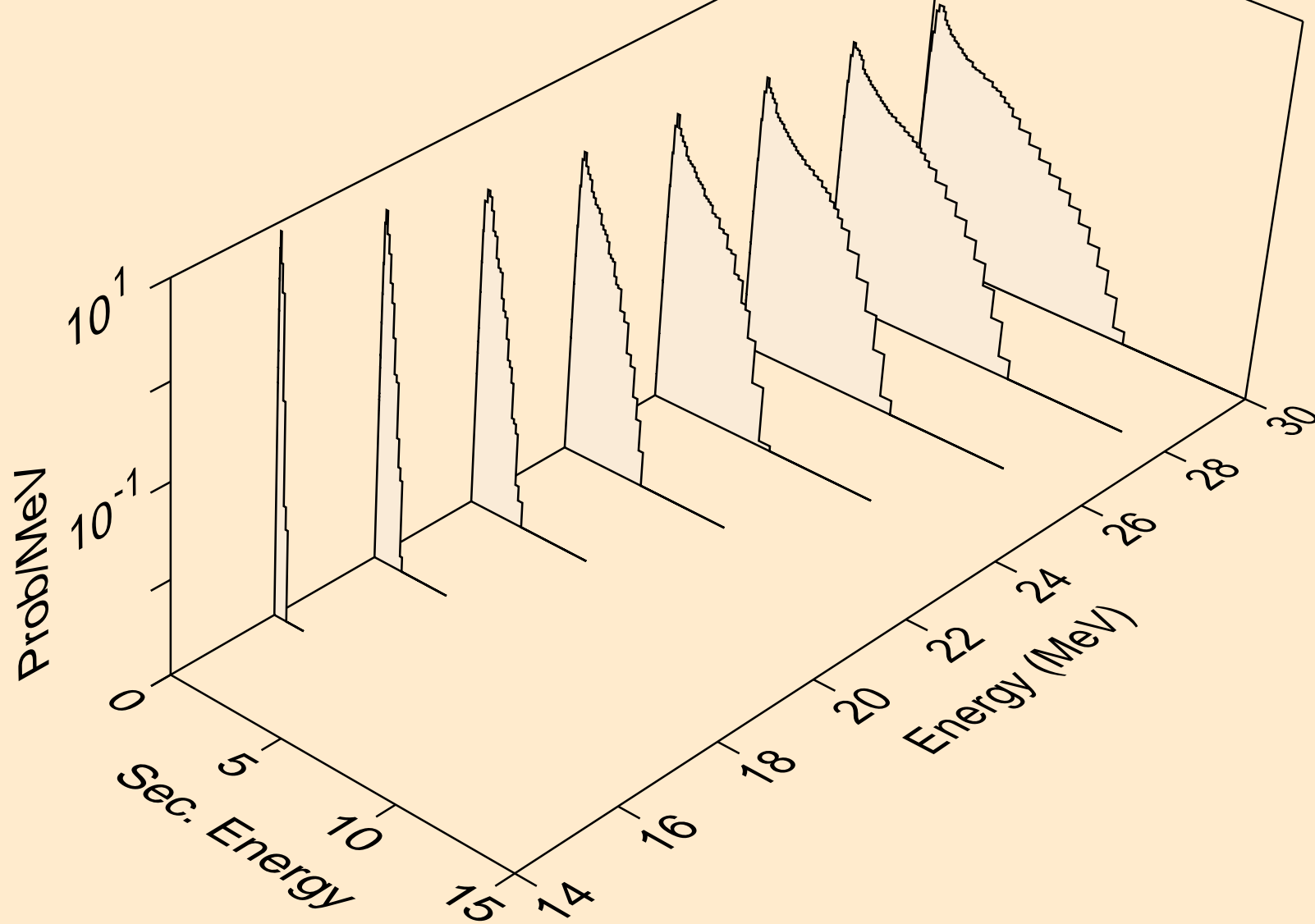
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,4n)



BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)

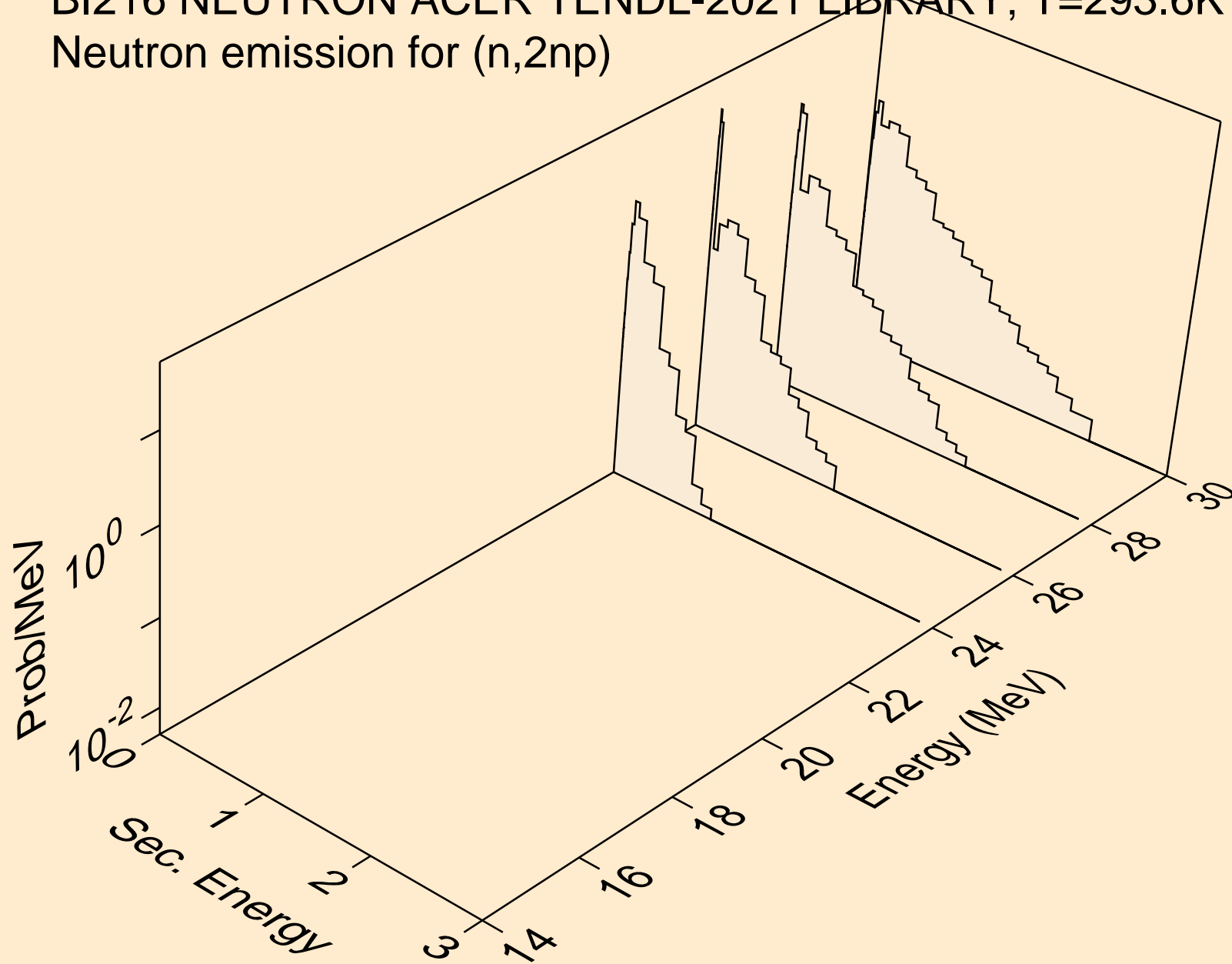


BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3np)

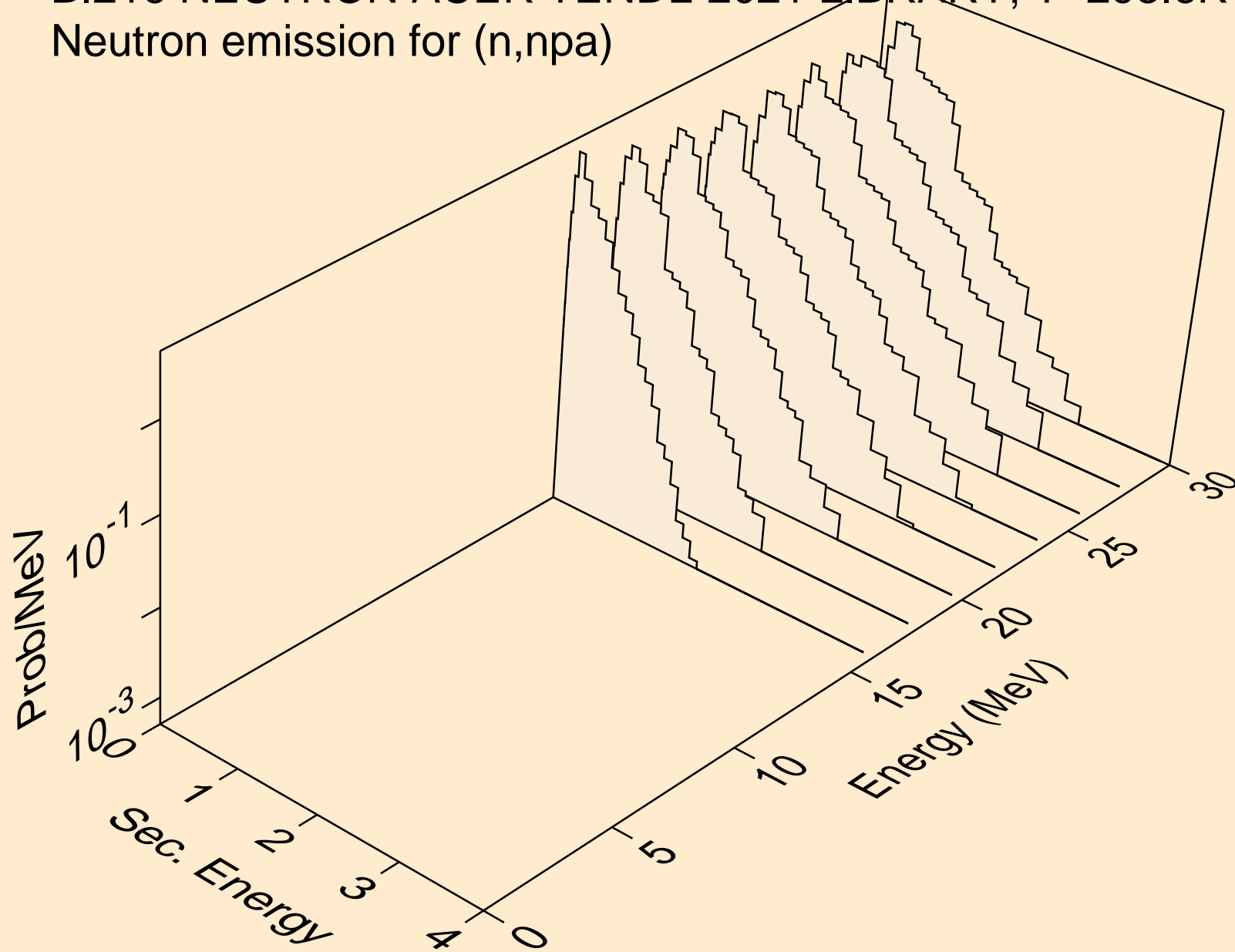




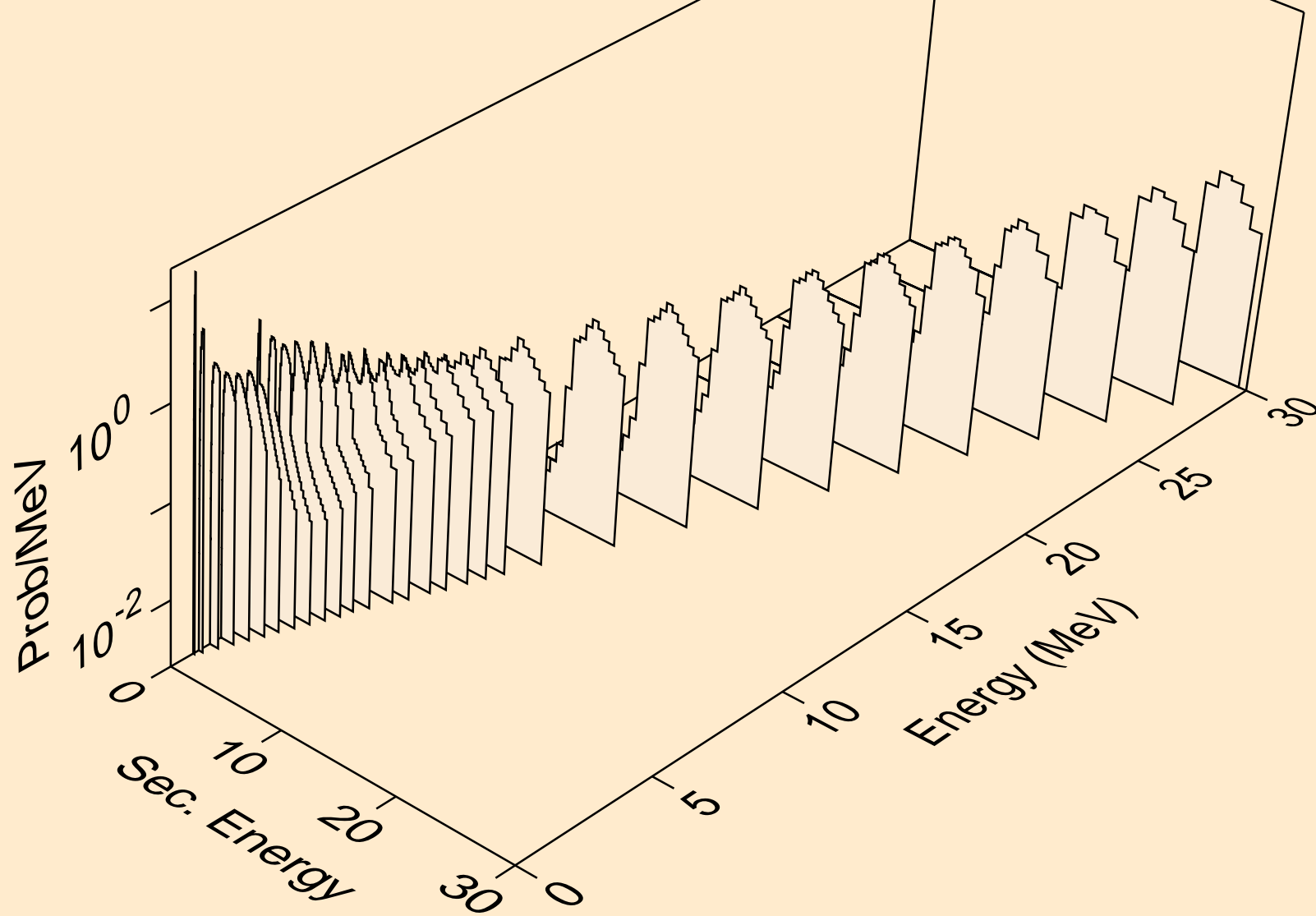
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



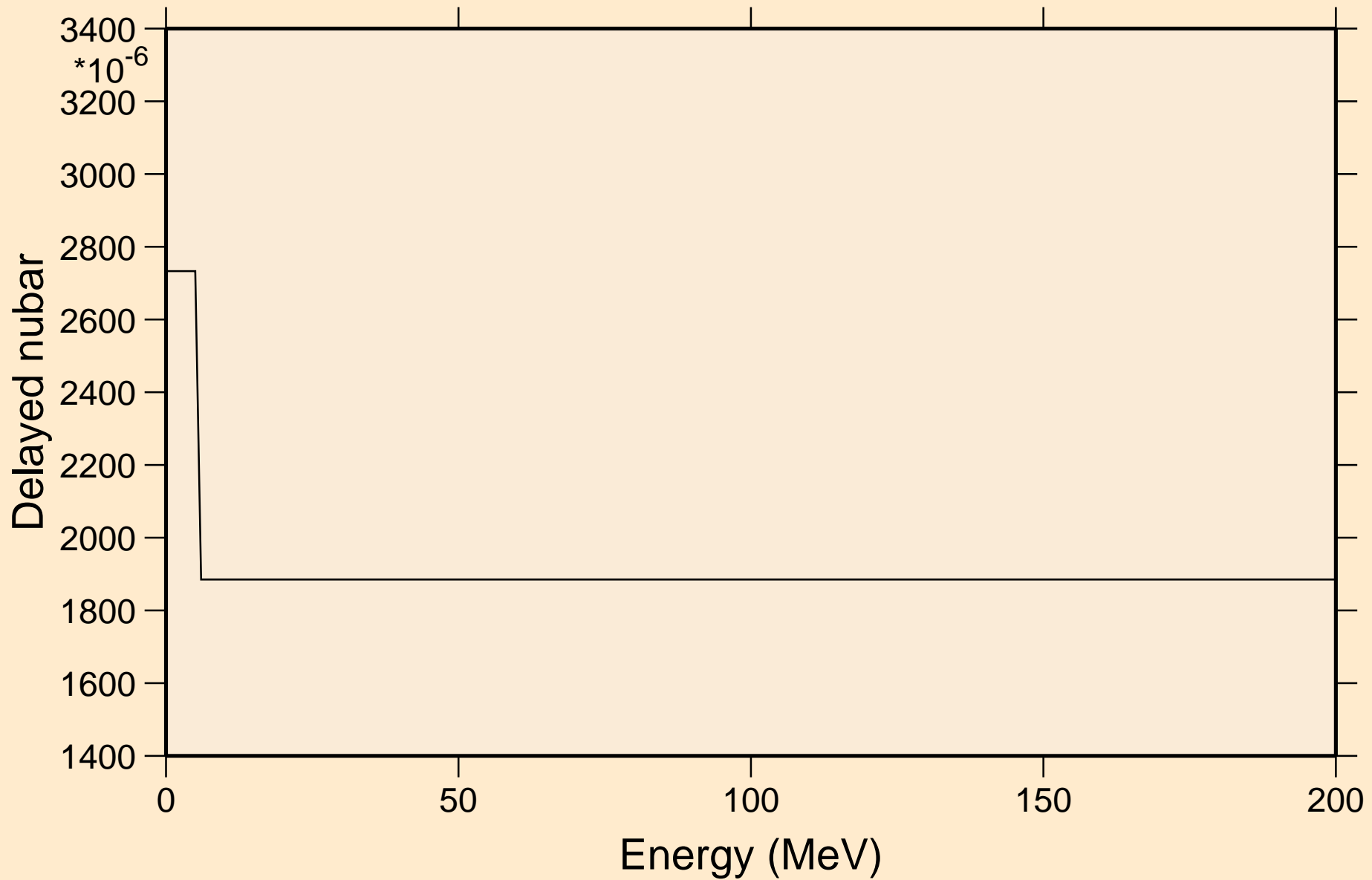
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,npa)



BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)

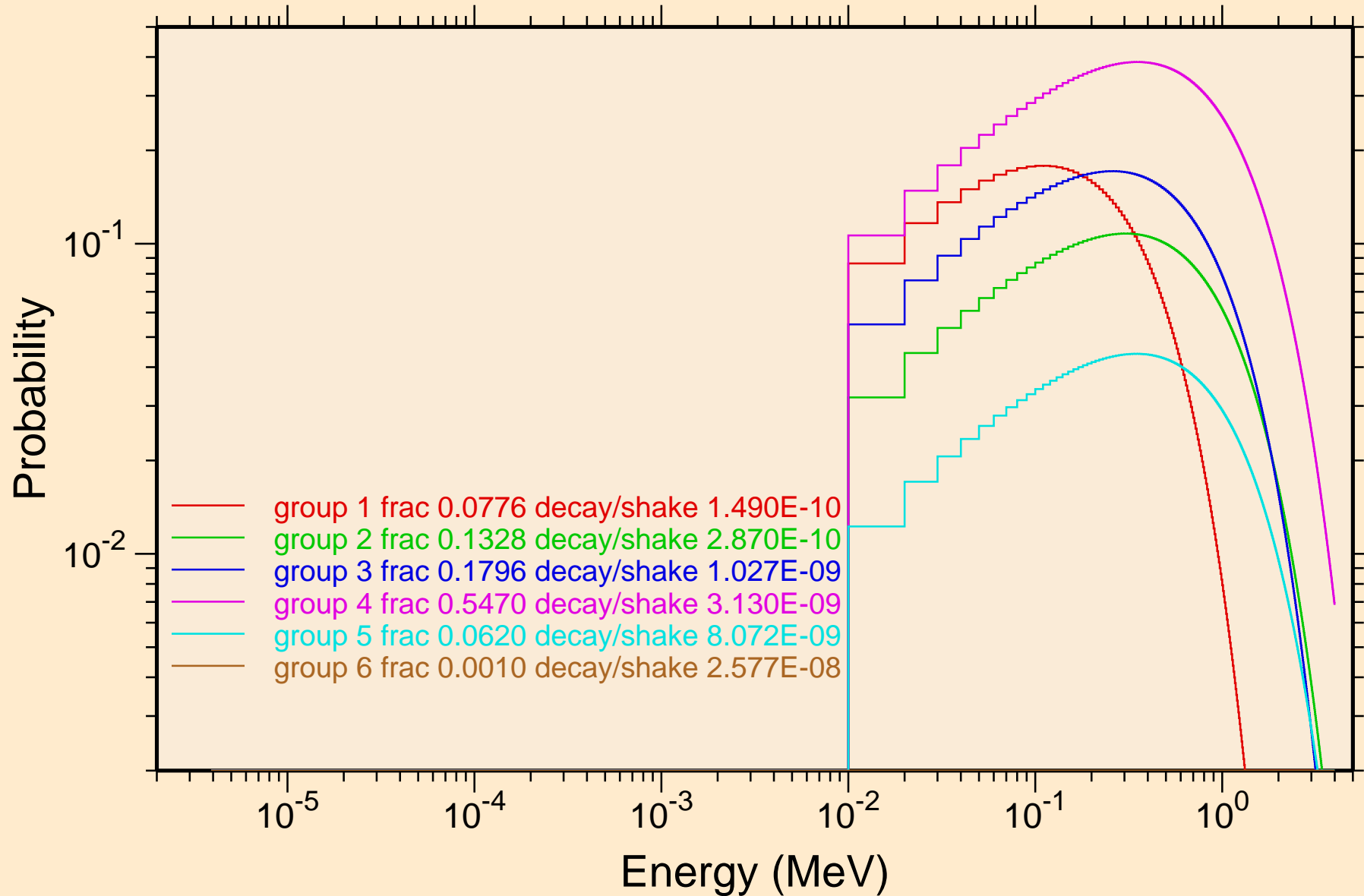


BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Delayed nubar

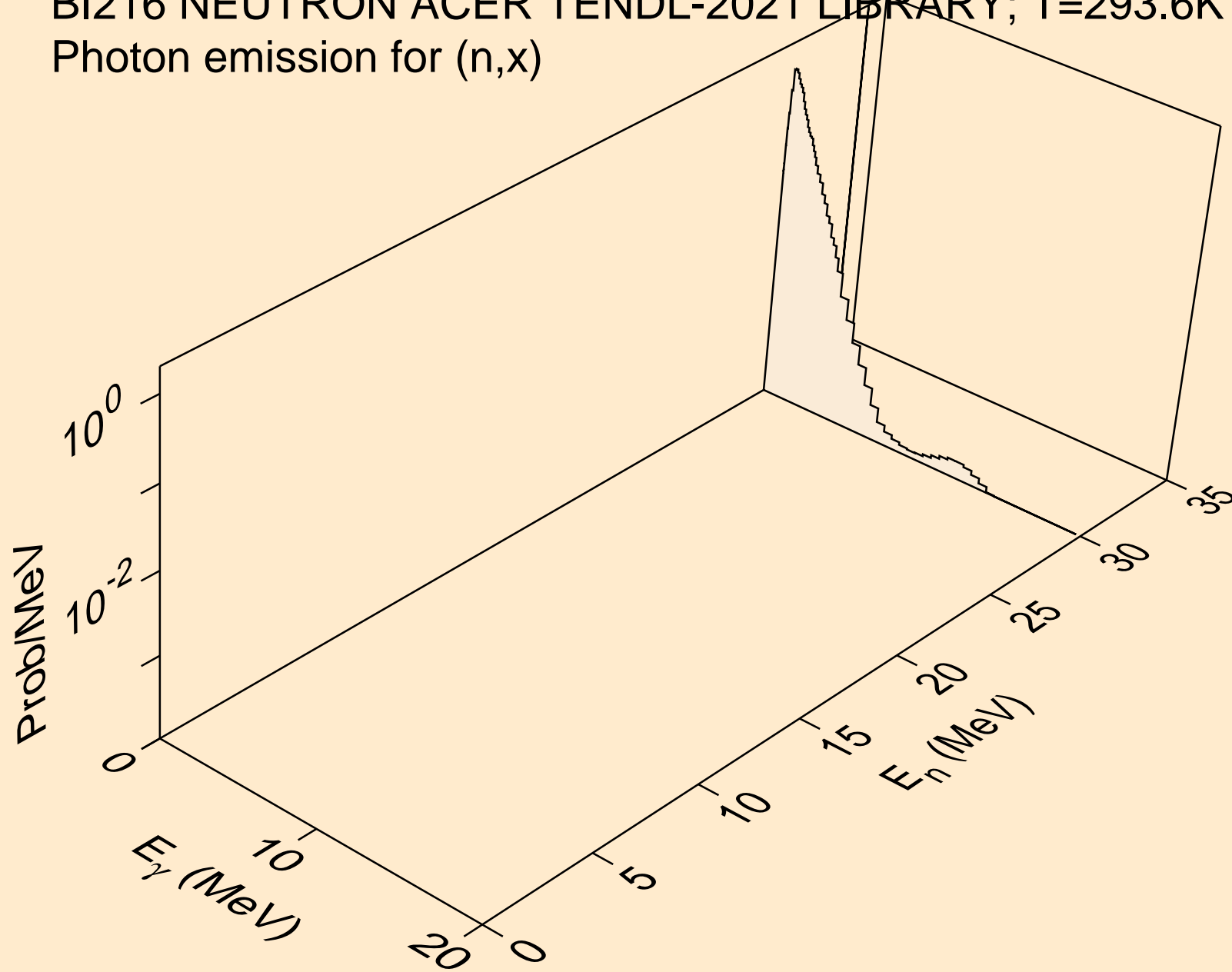


# BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

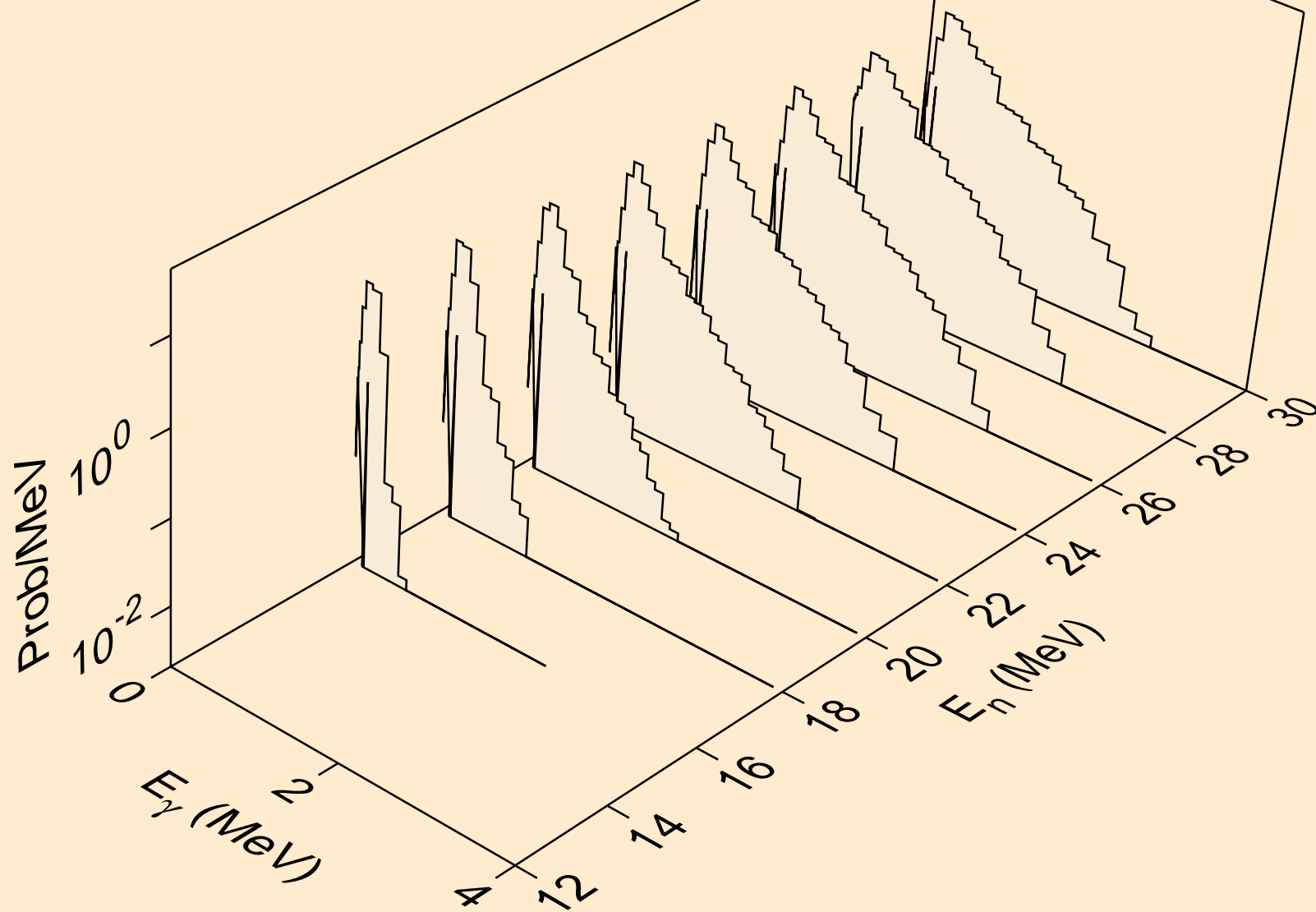
## Delayed neutron spectra



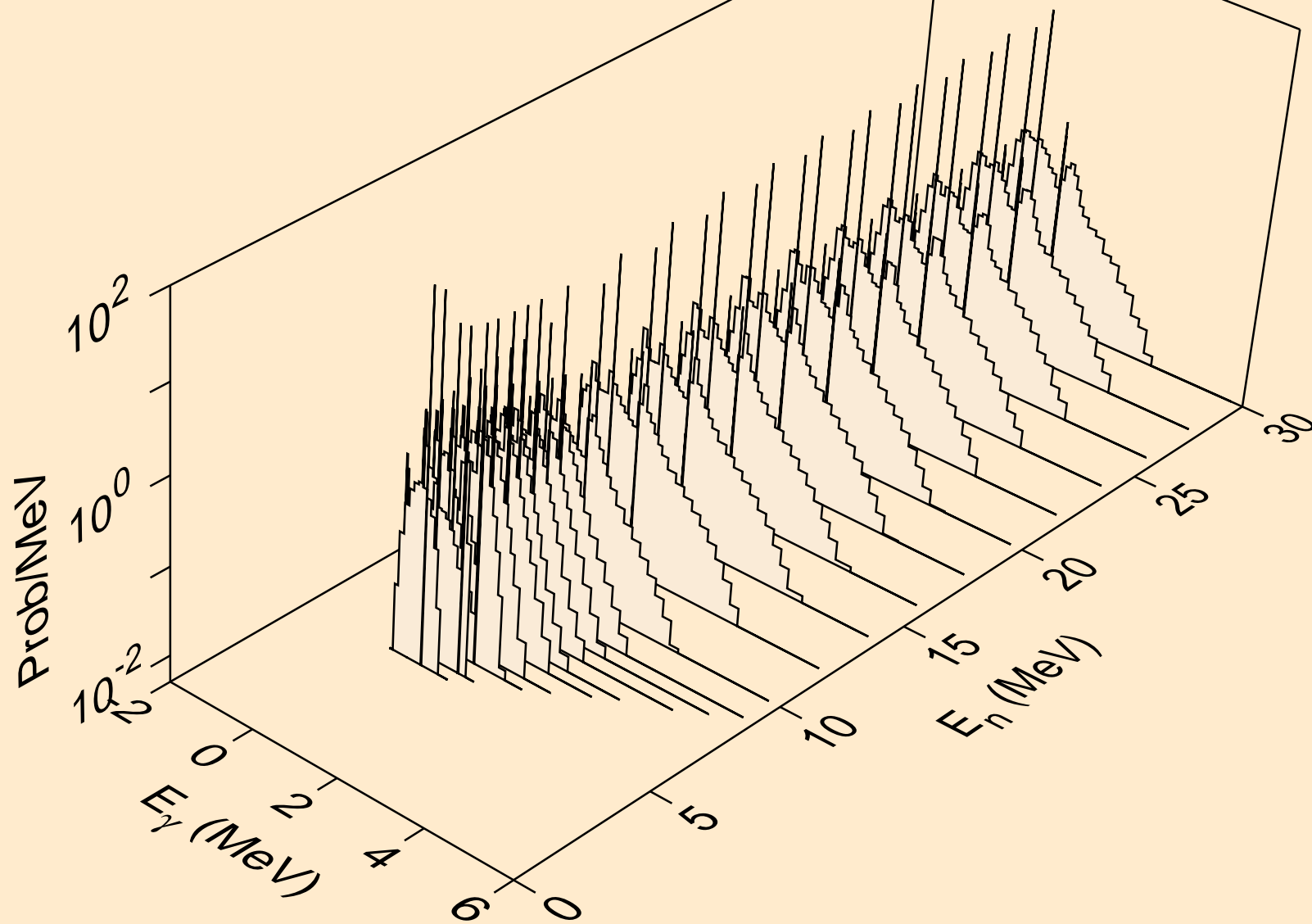
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)



BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2nd)

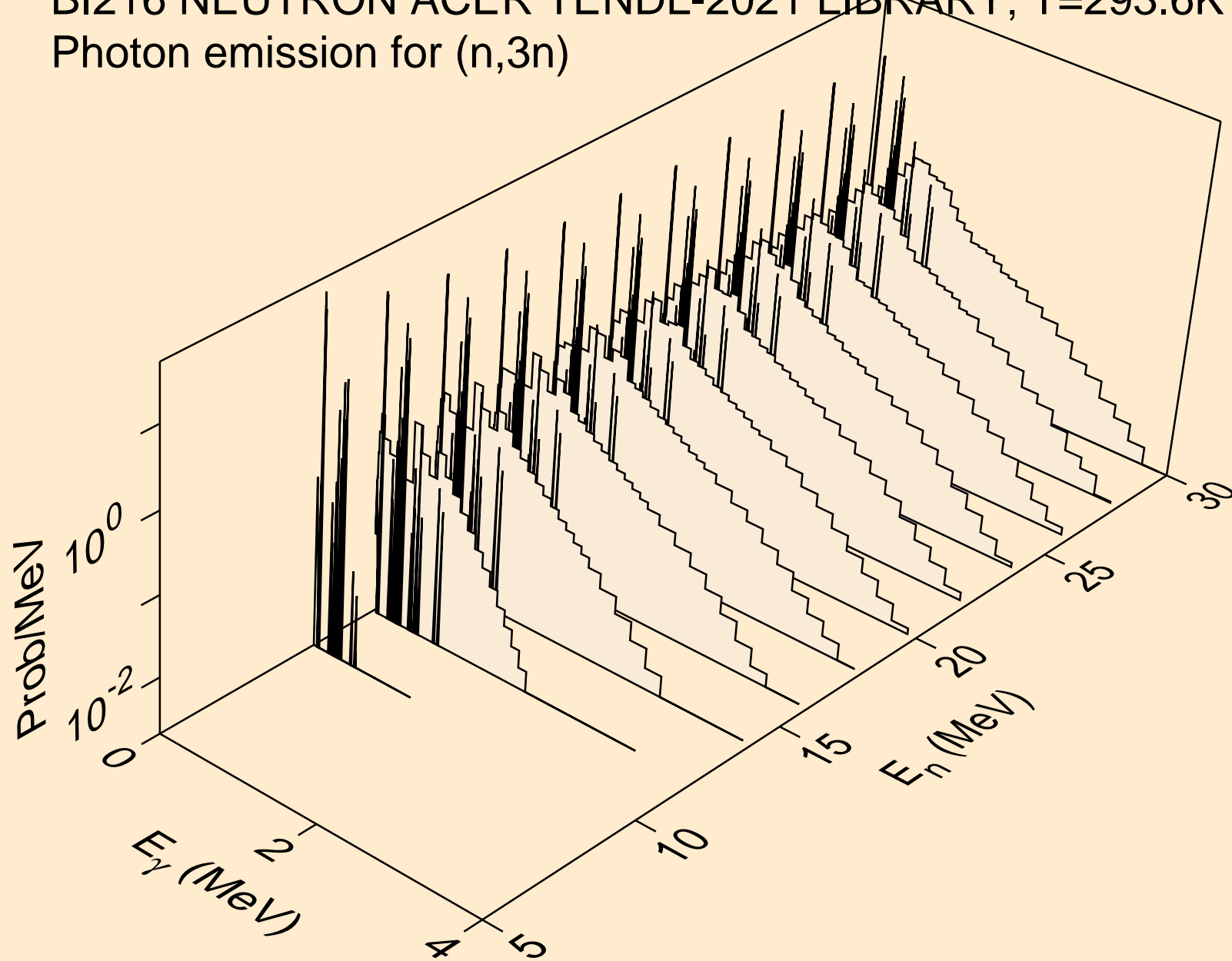


BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)

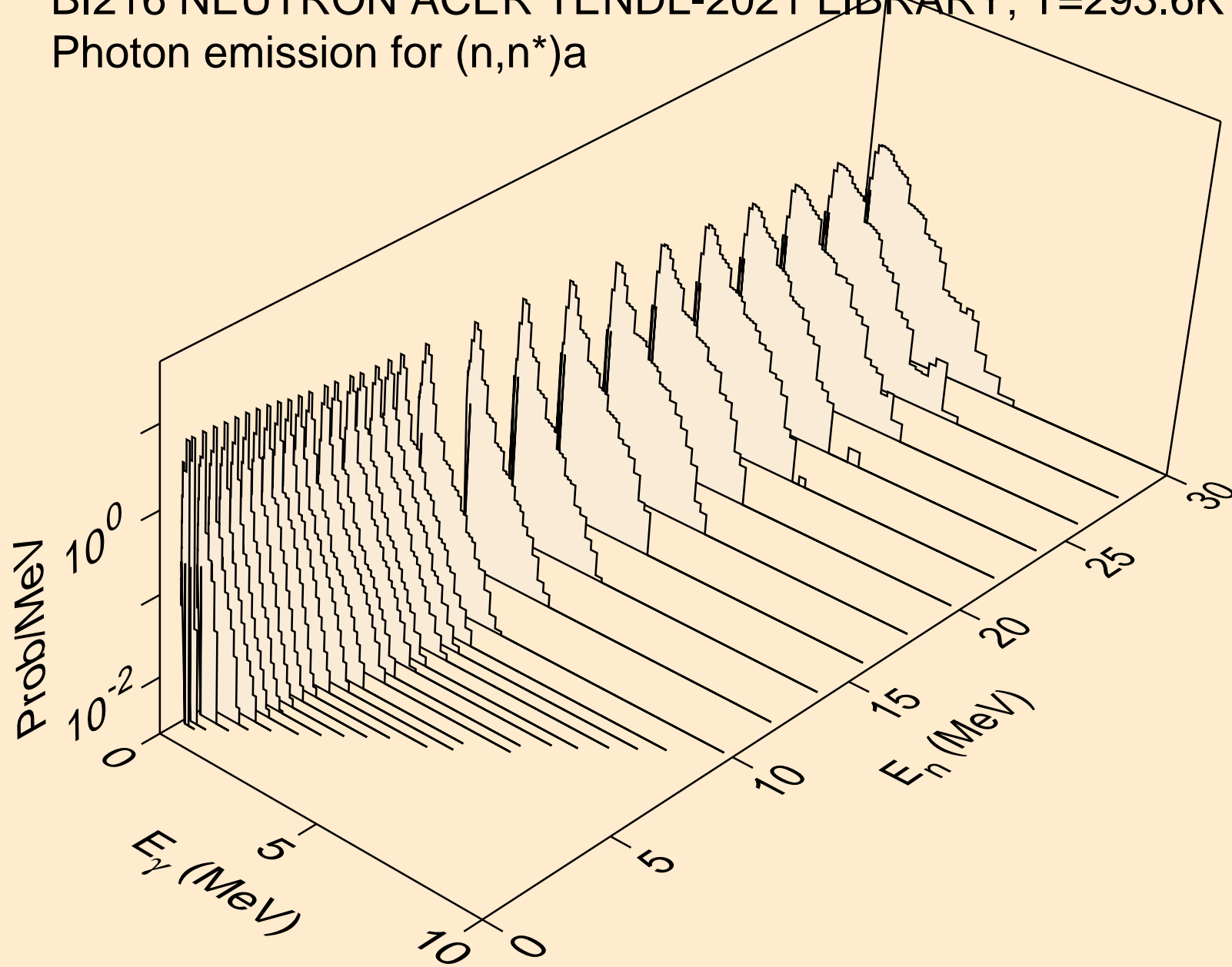




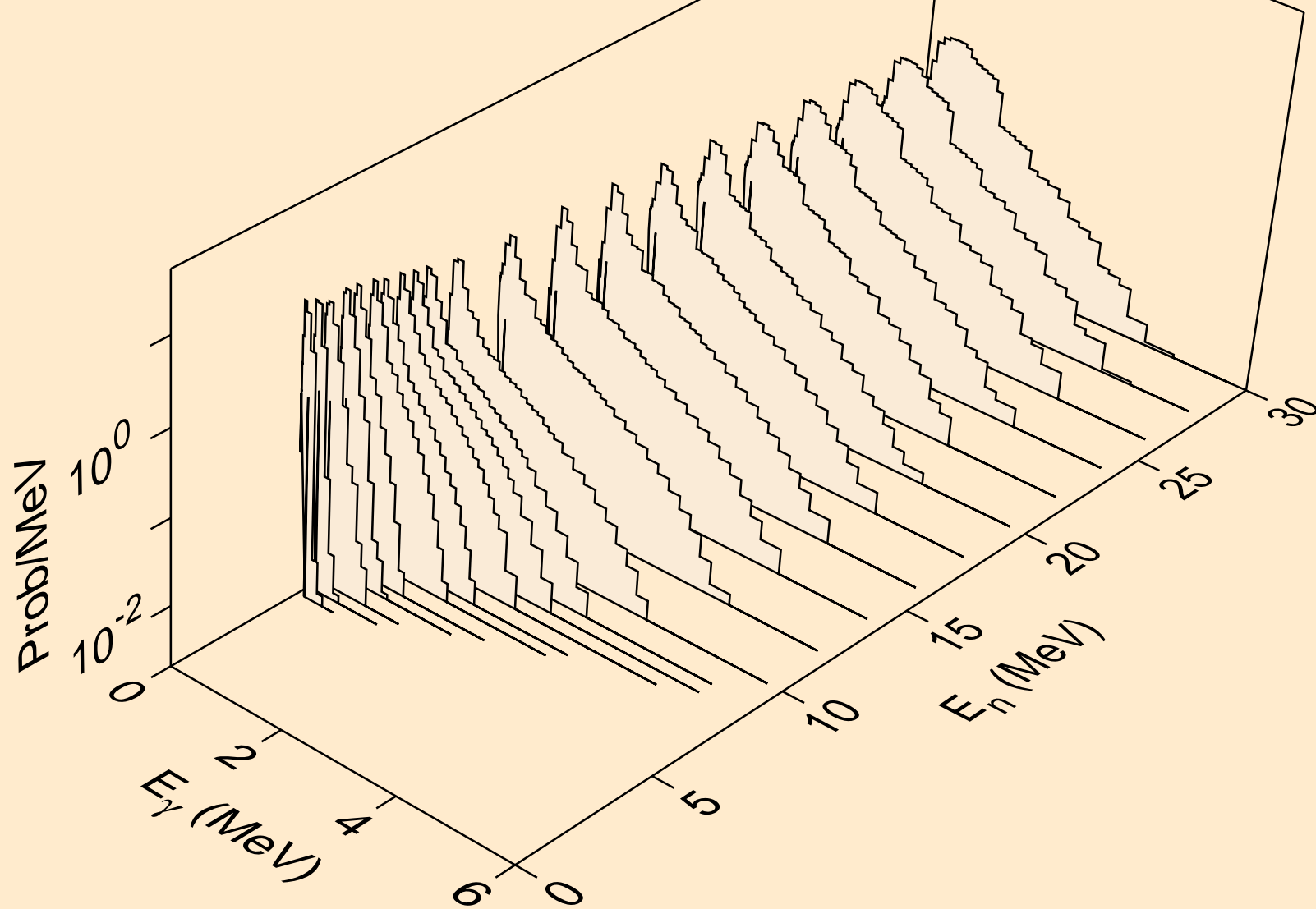
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)



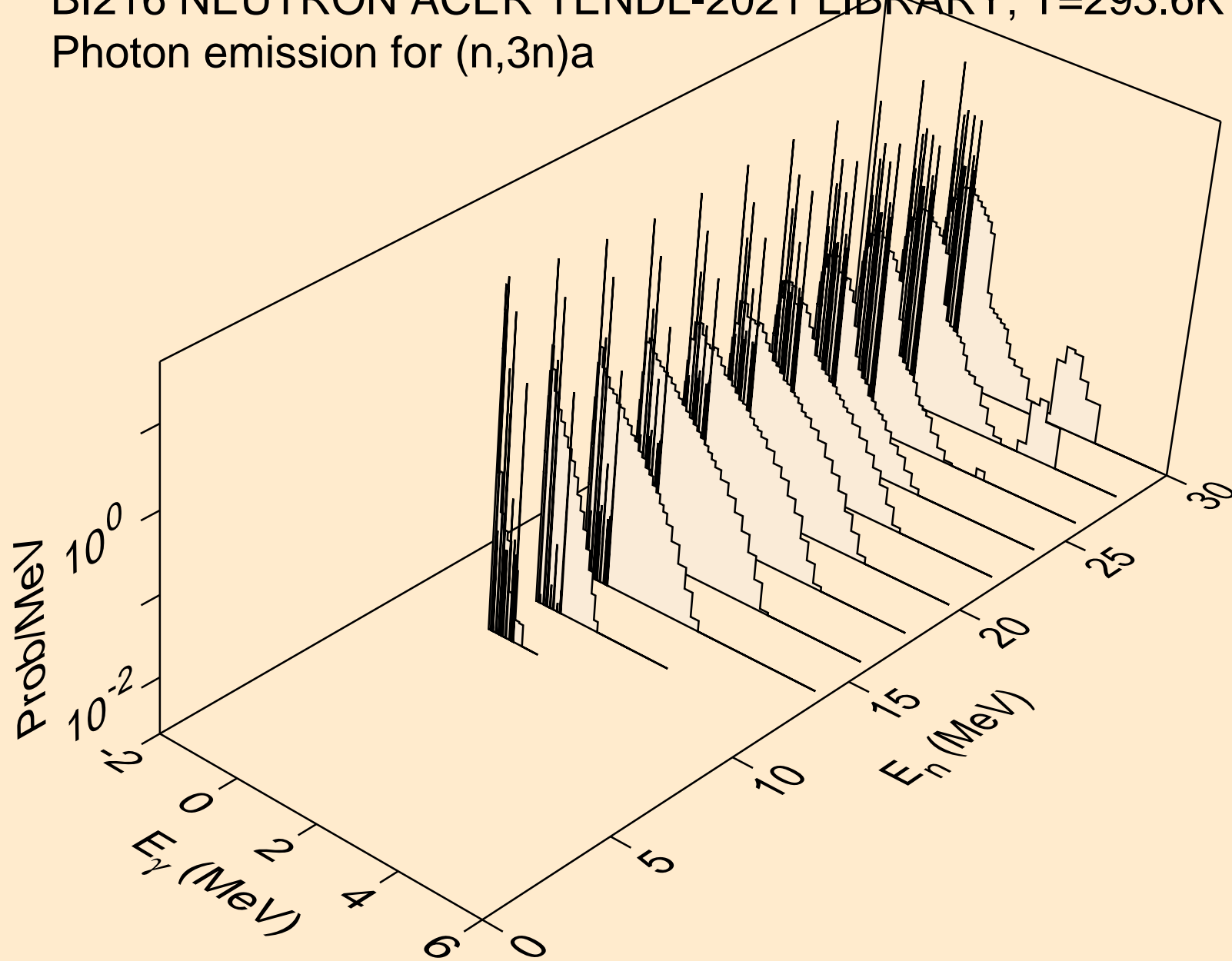
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a



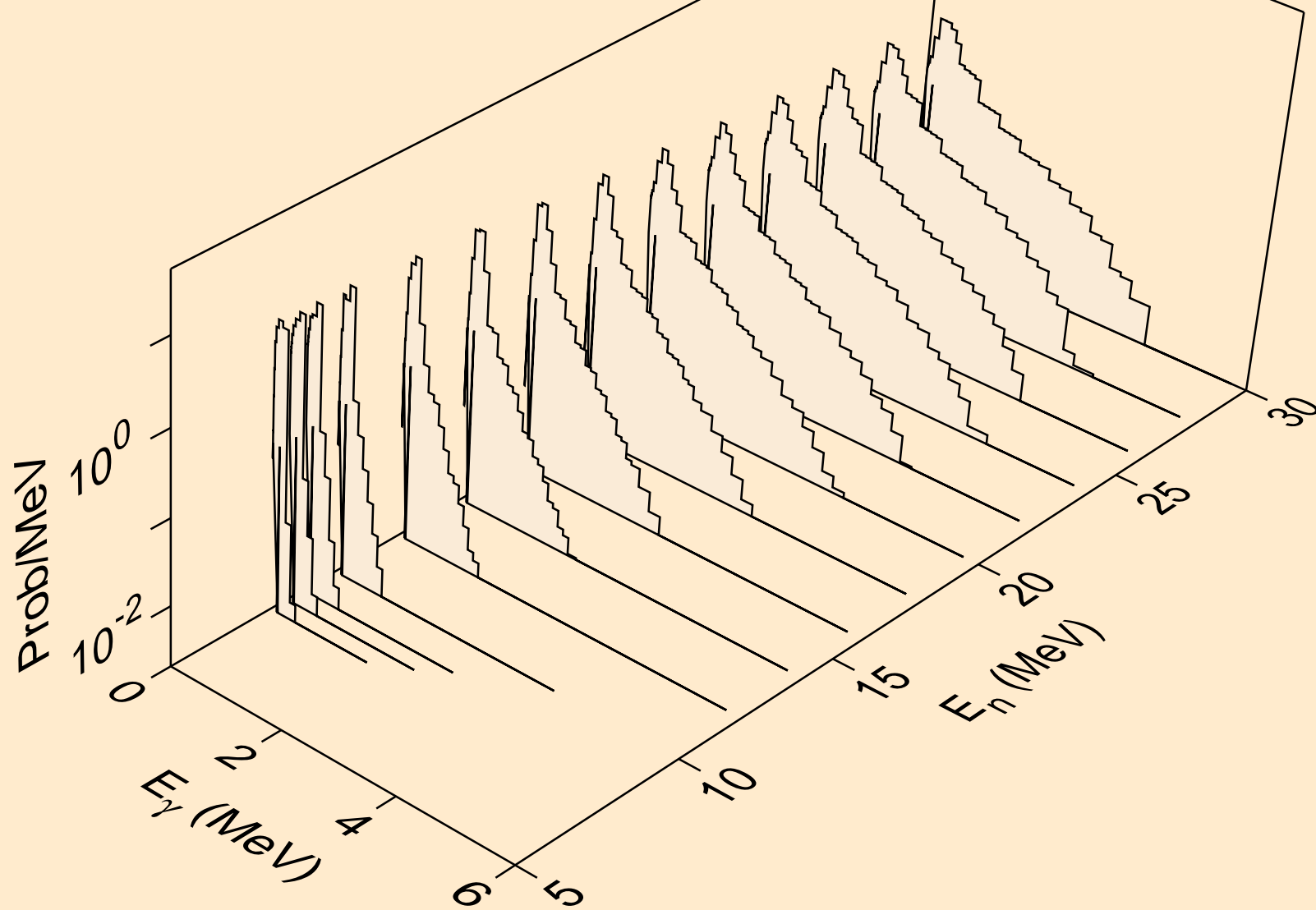
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)a



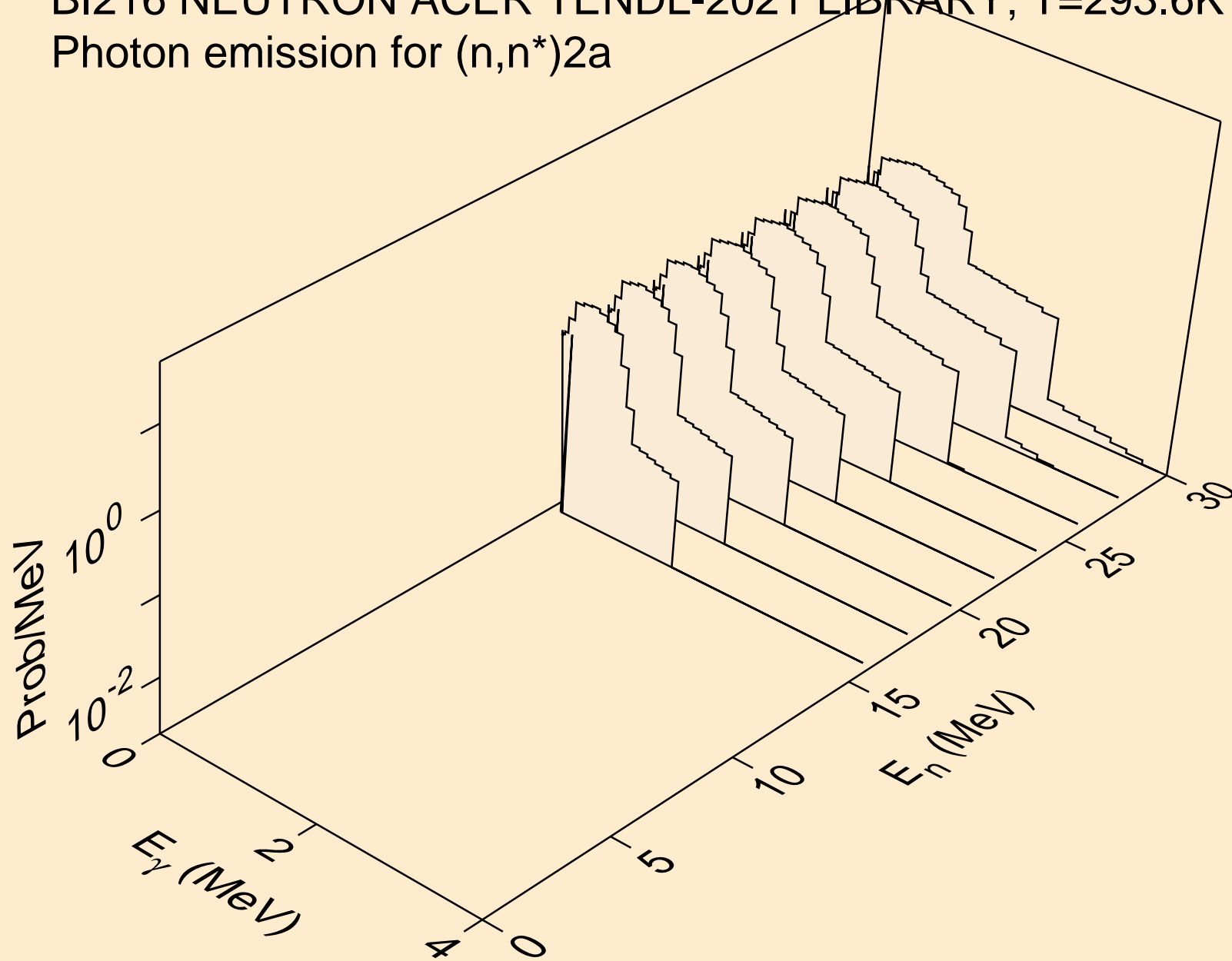
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)a



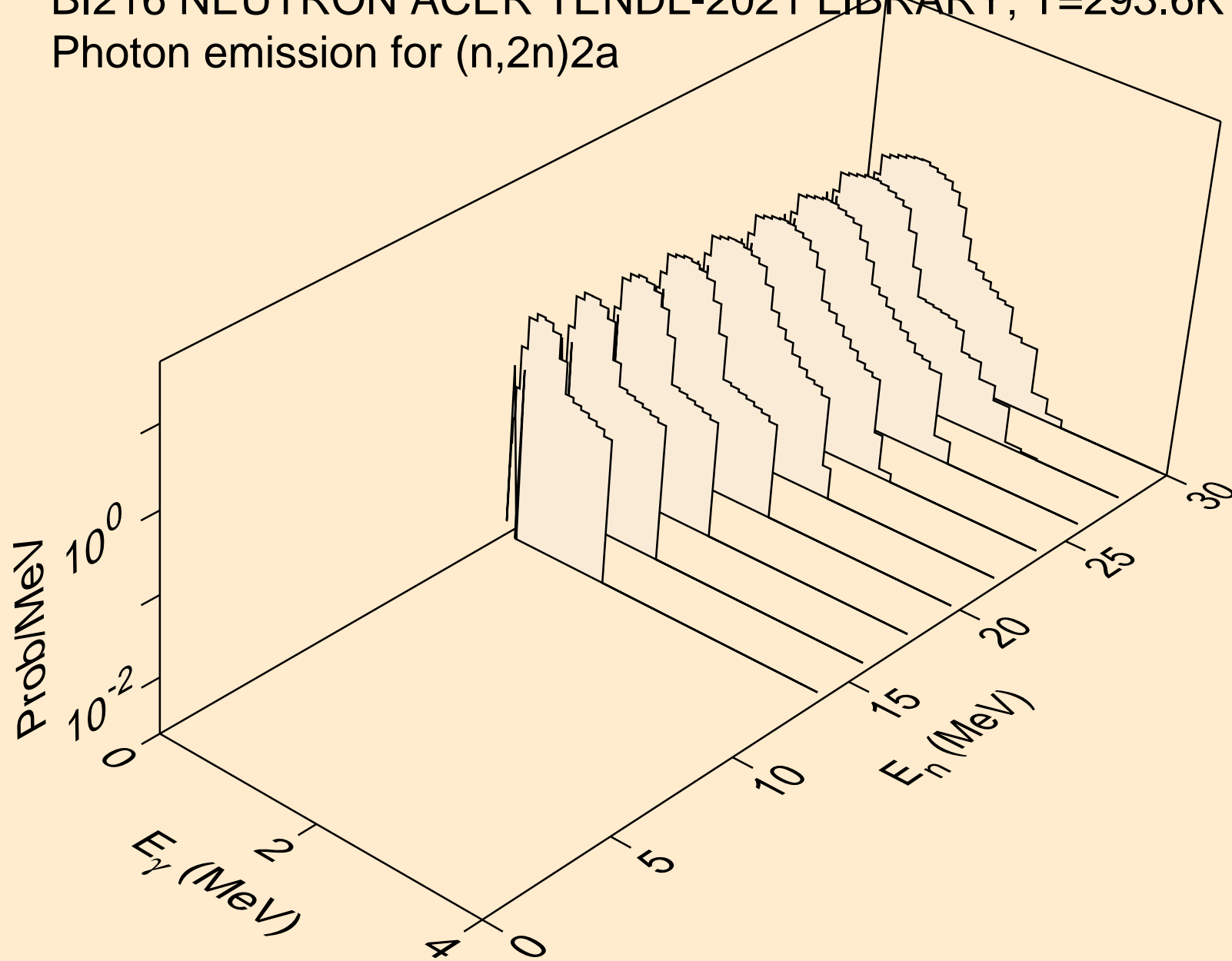
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



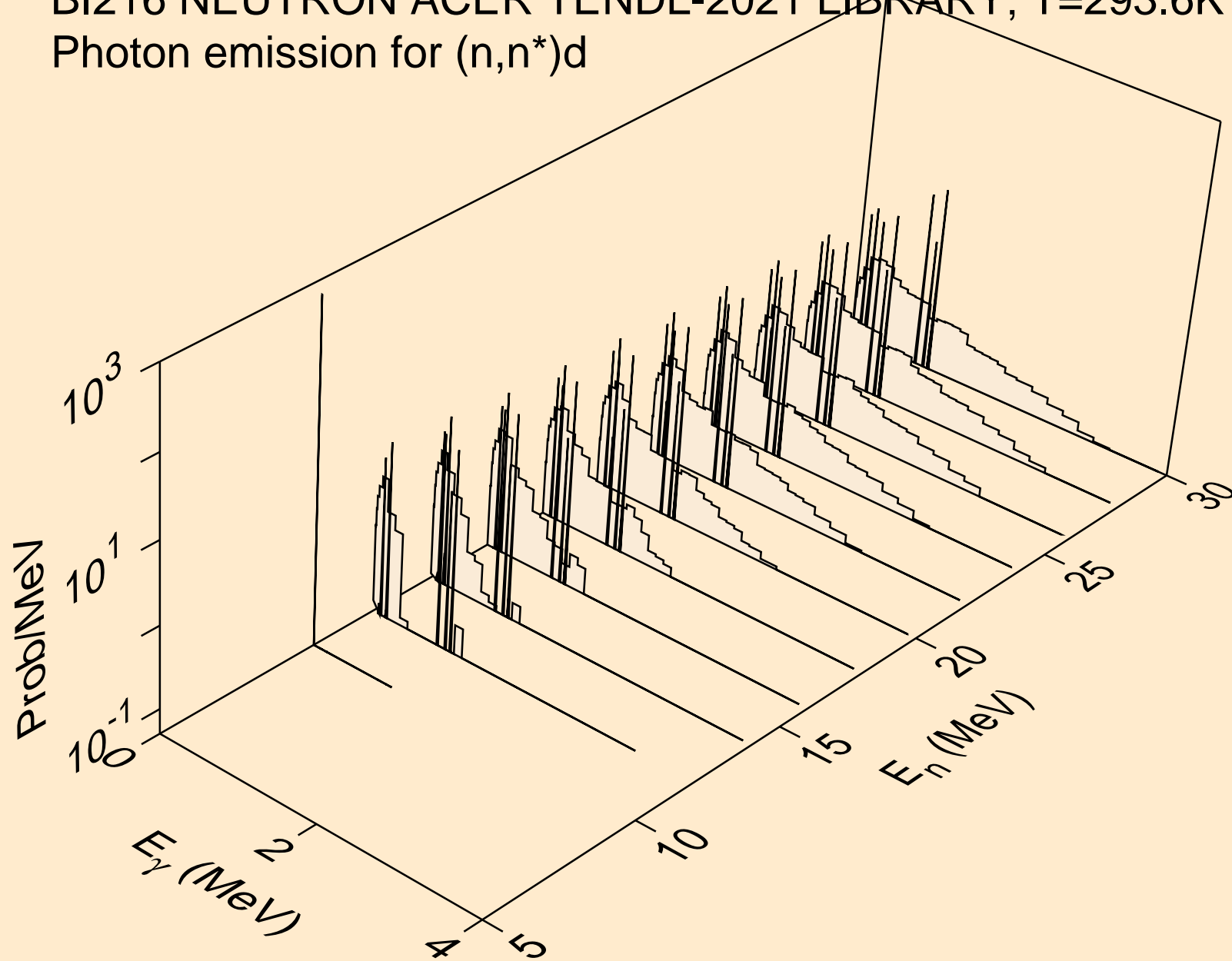
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)2a



BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)2a

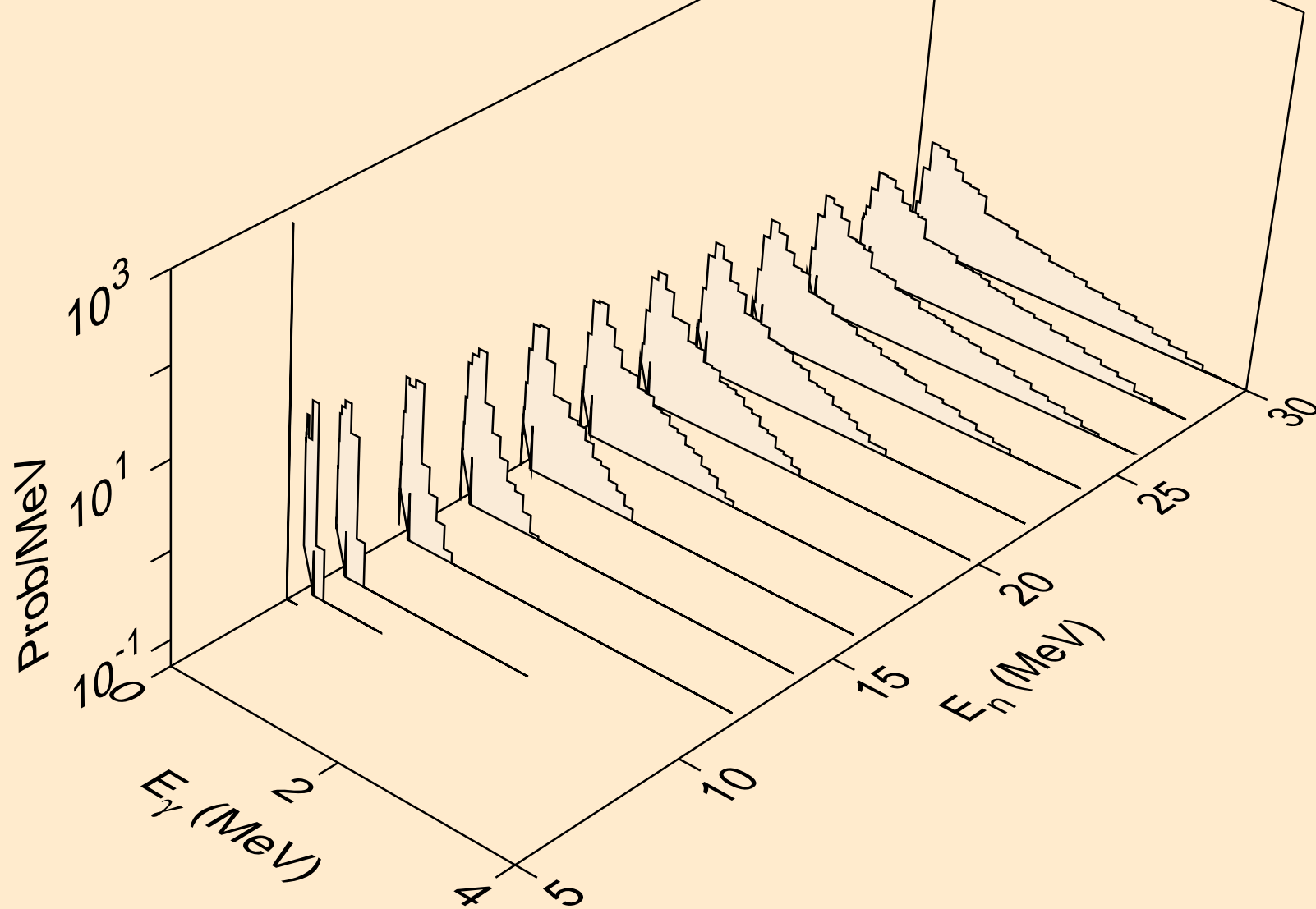


BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d

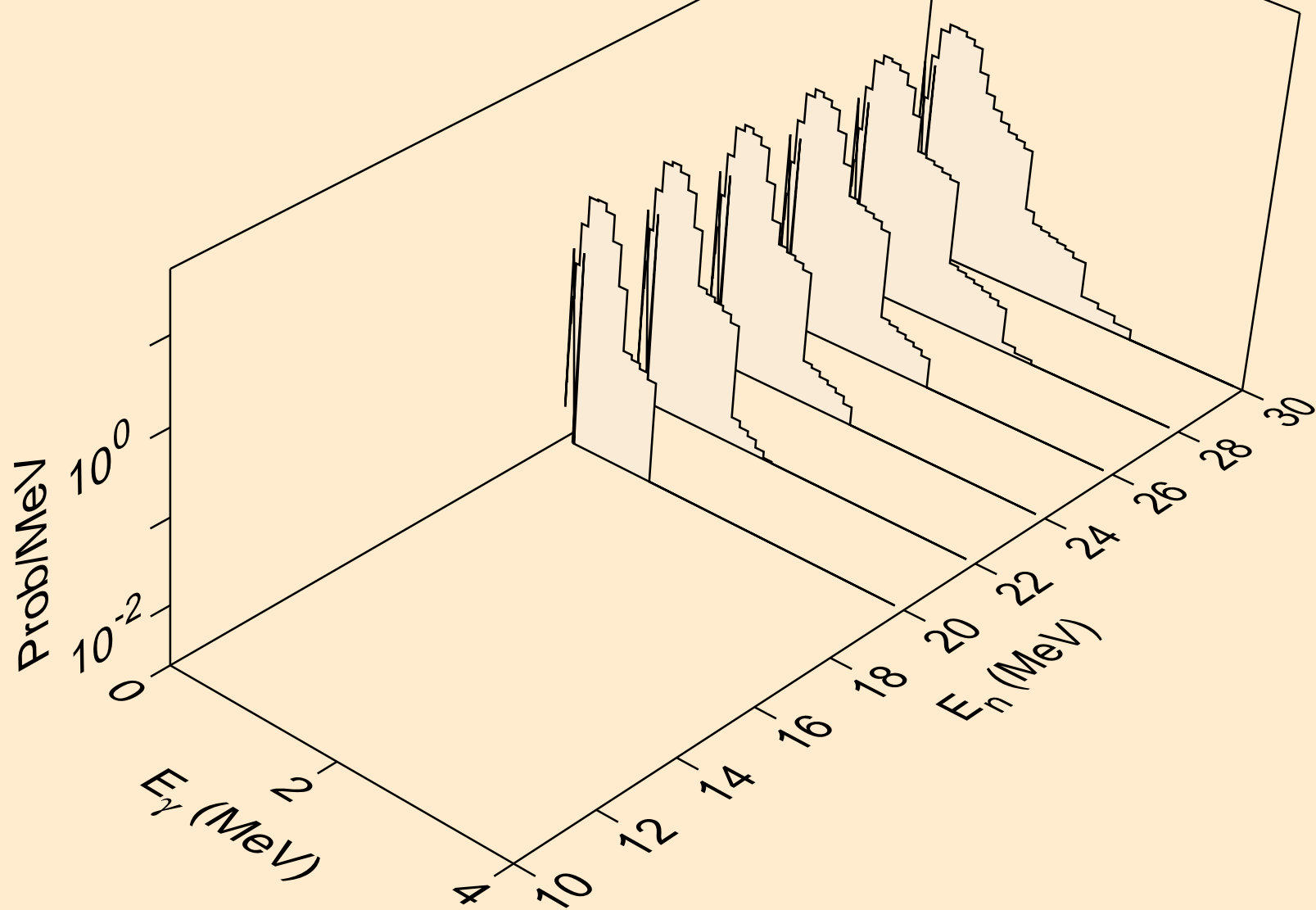




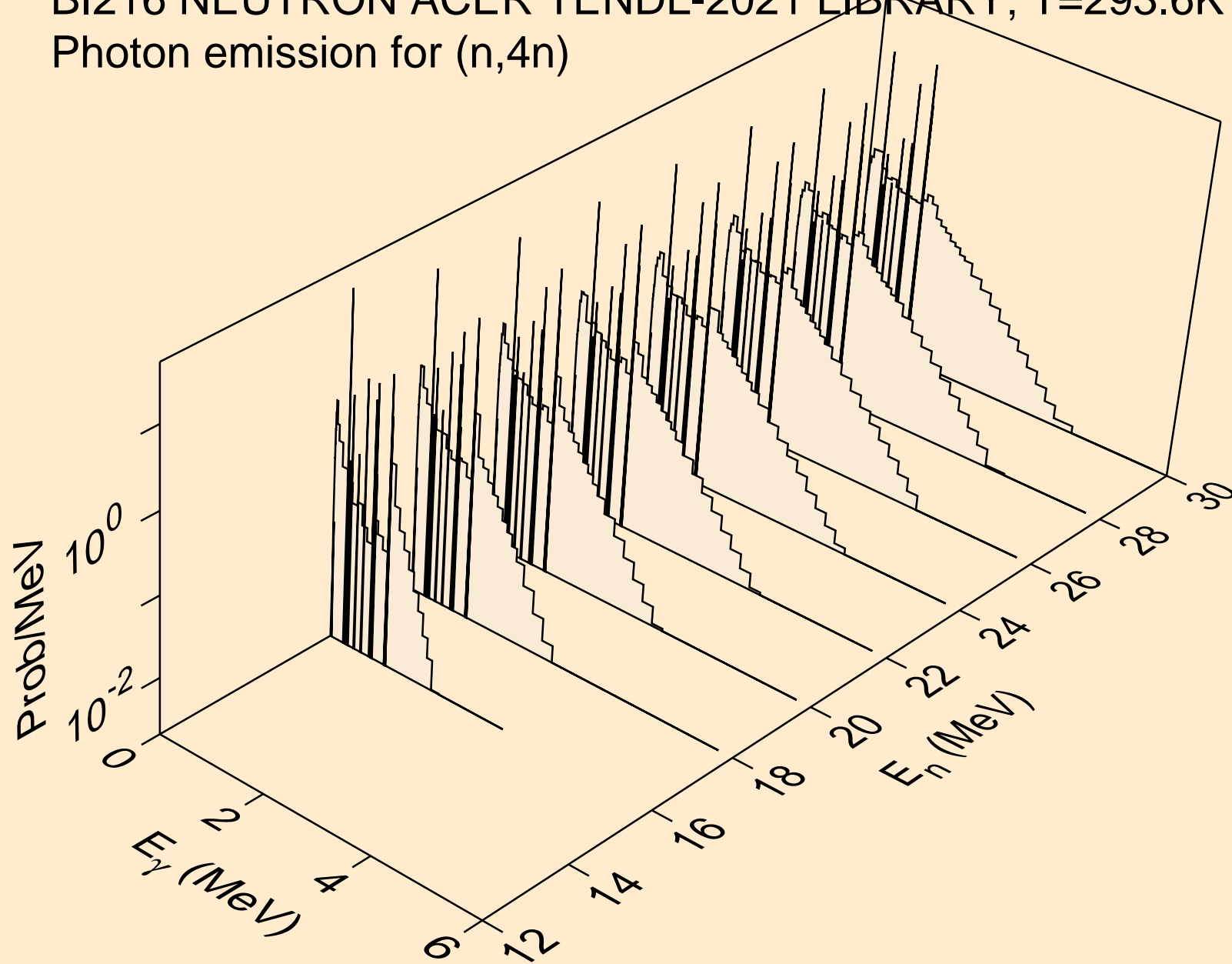
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t



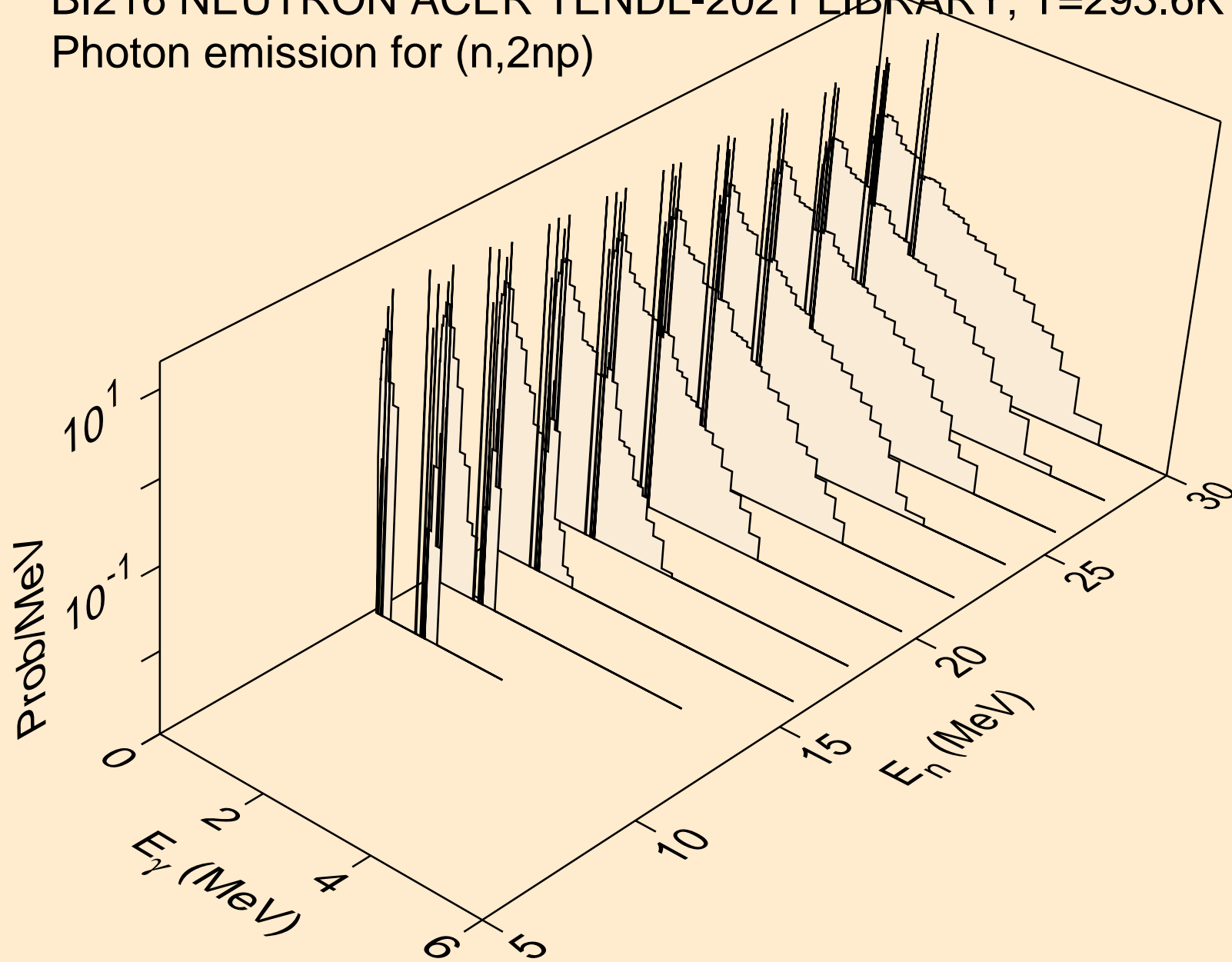
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



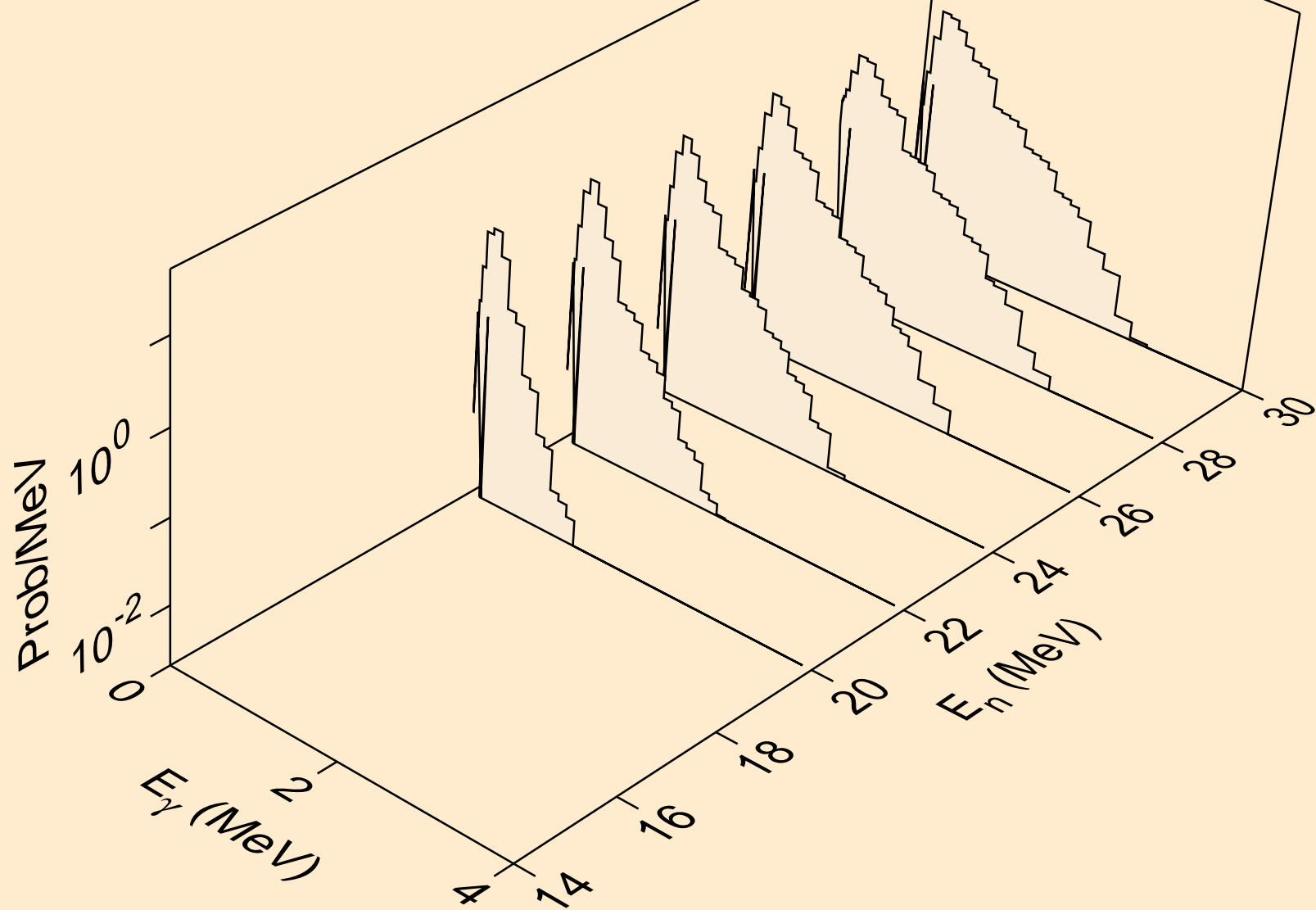
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,4n)



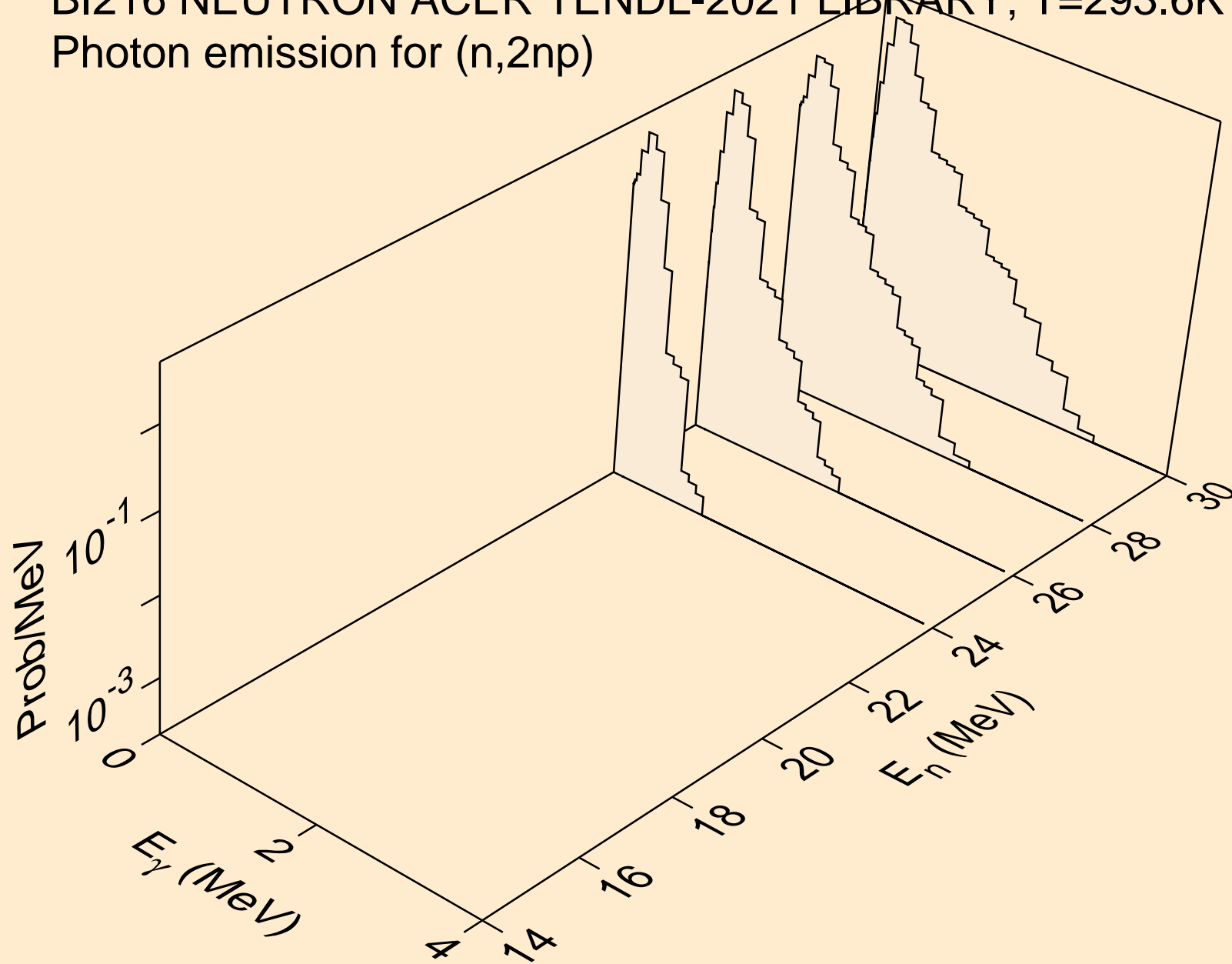
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)



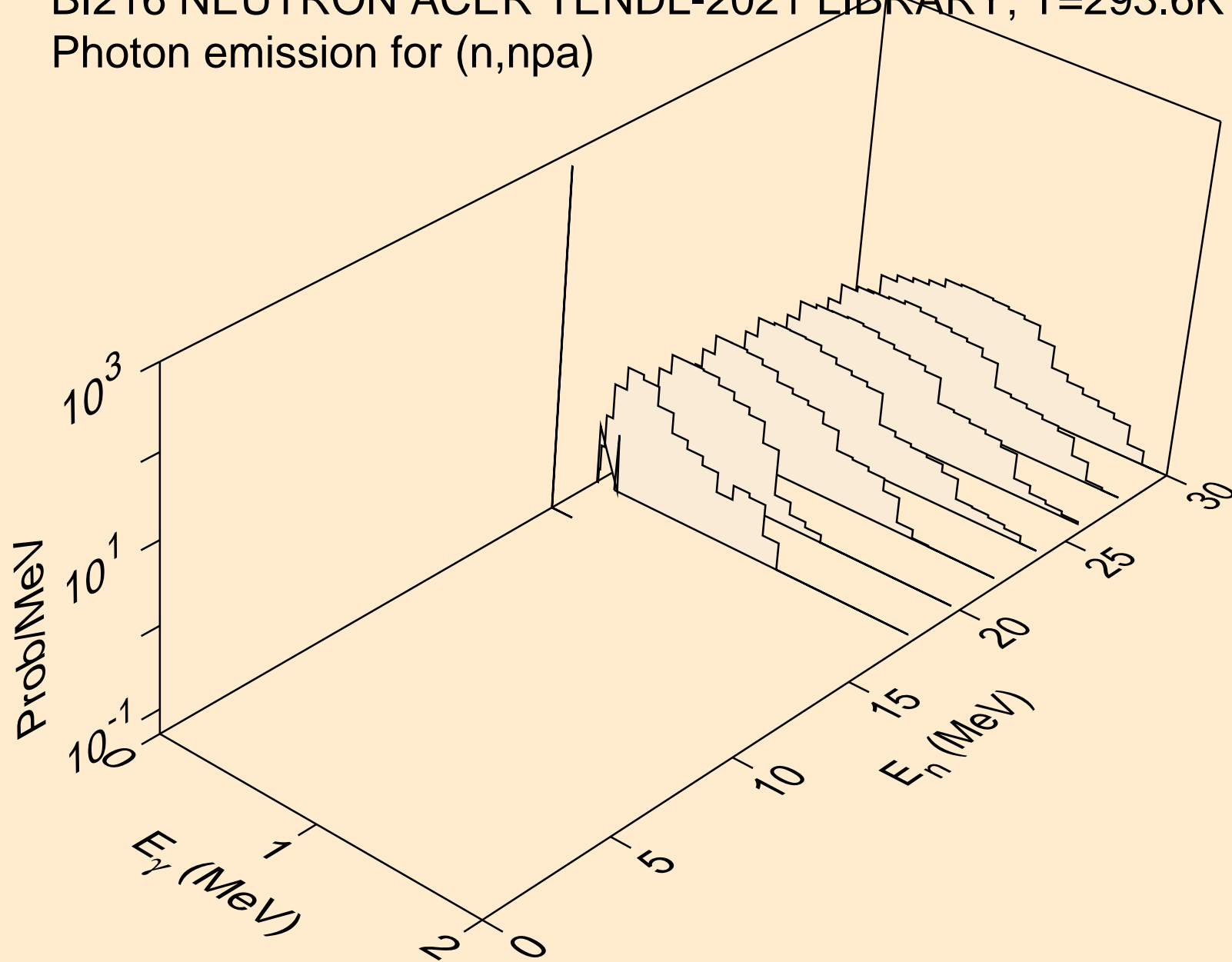
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3np)



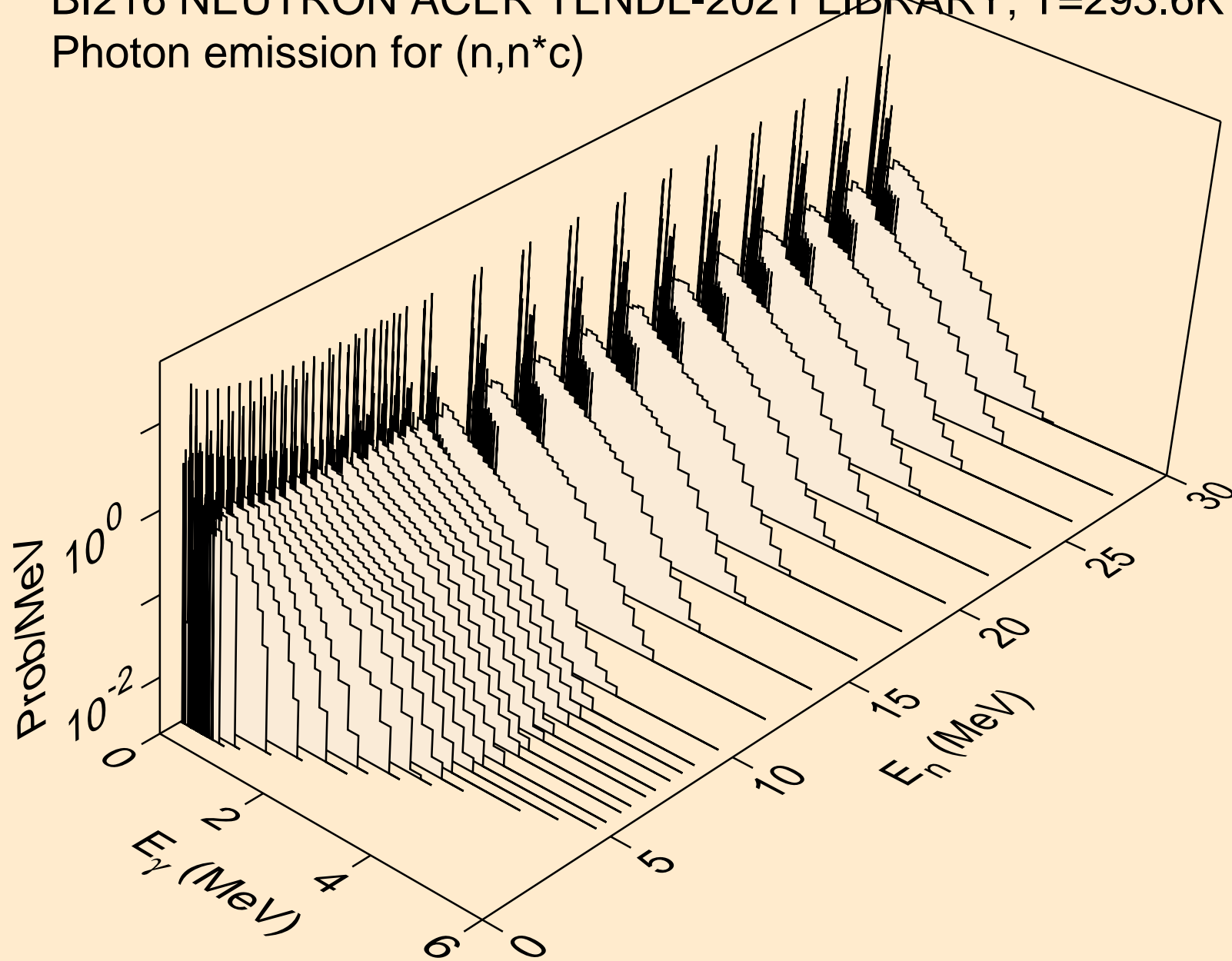
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)



BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,npa)

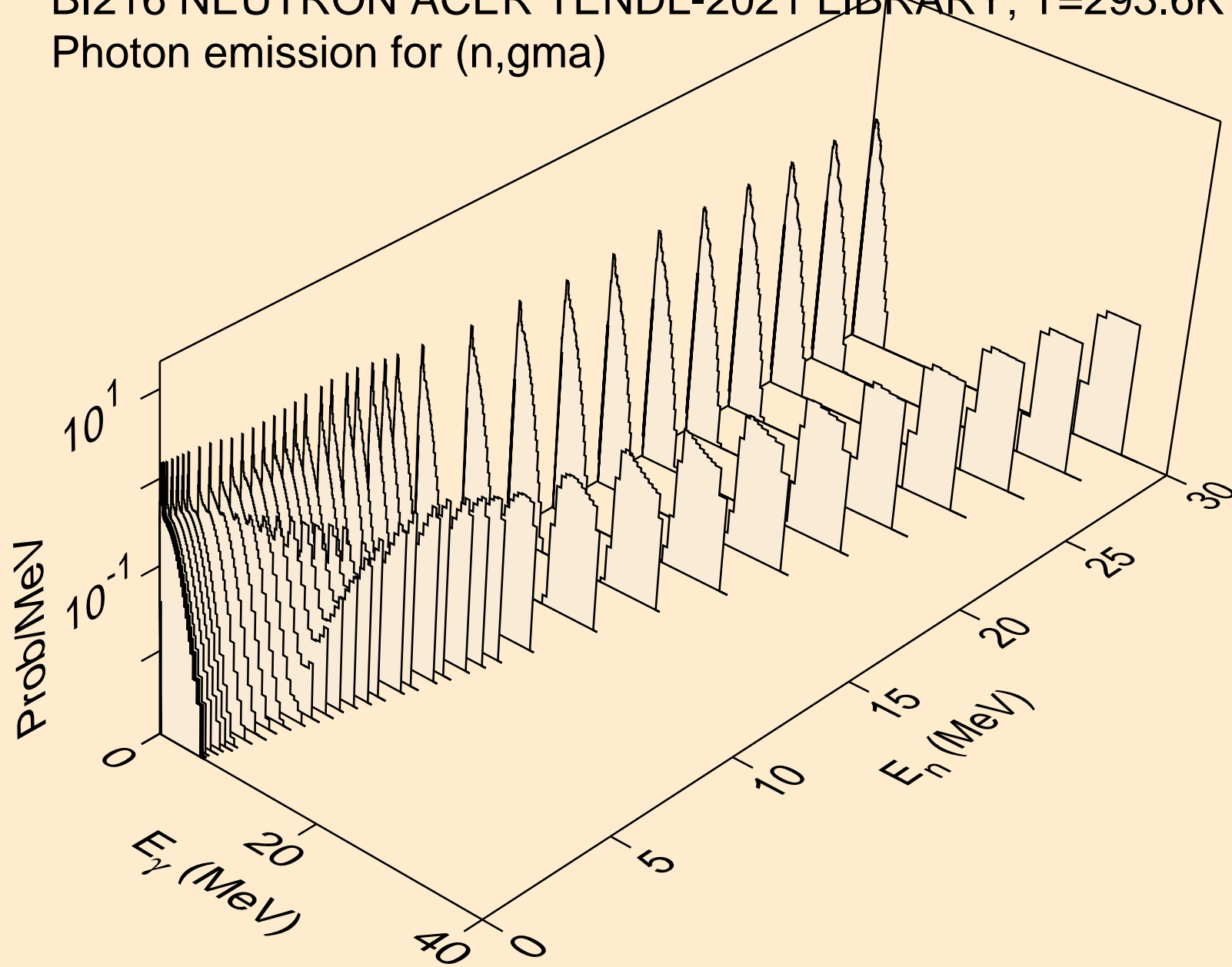


BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)

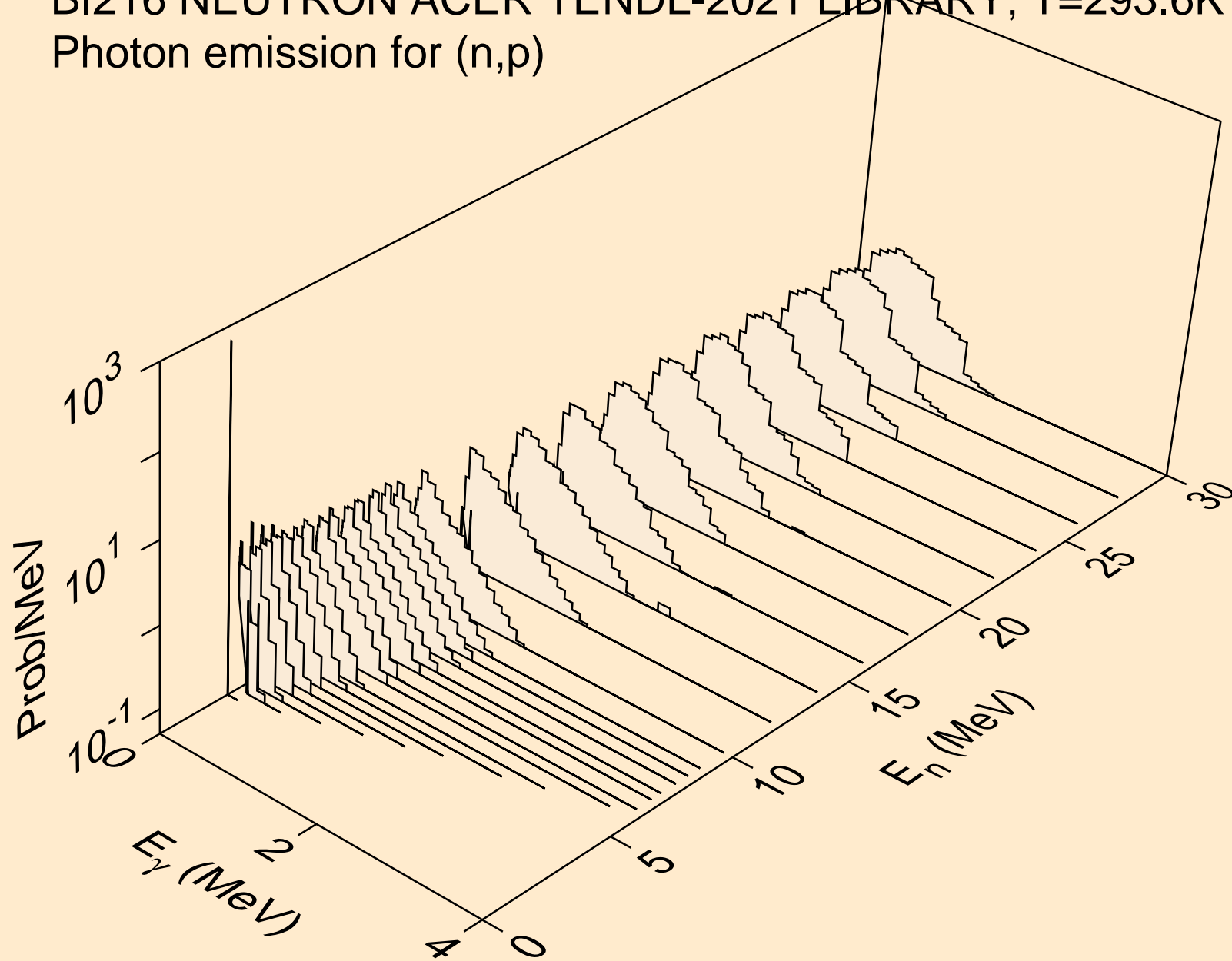




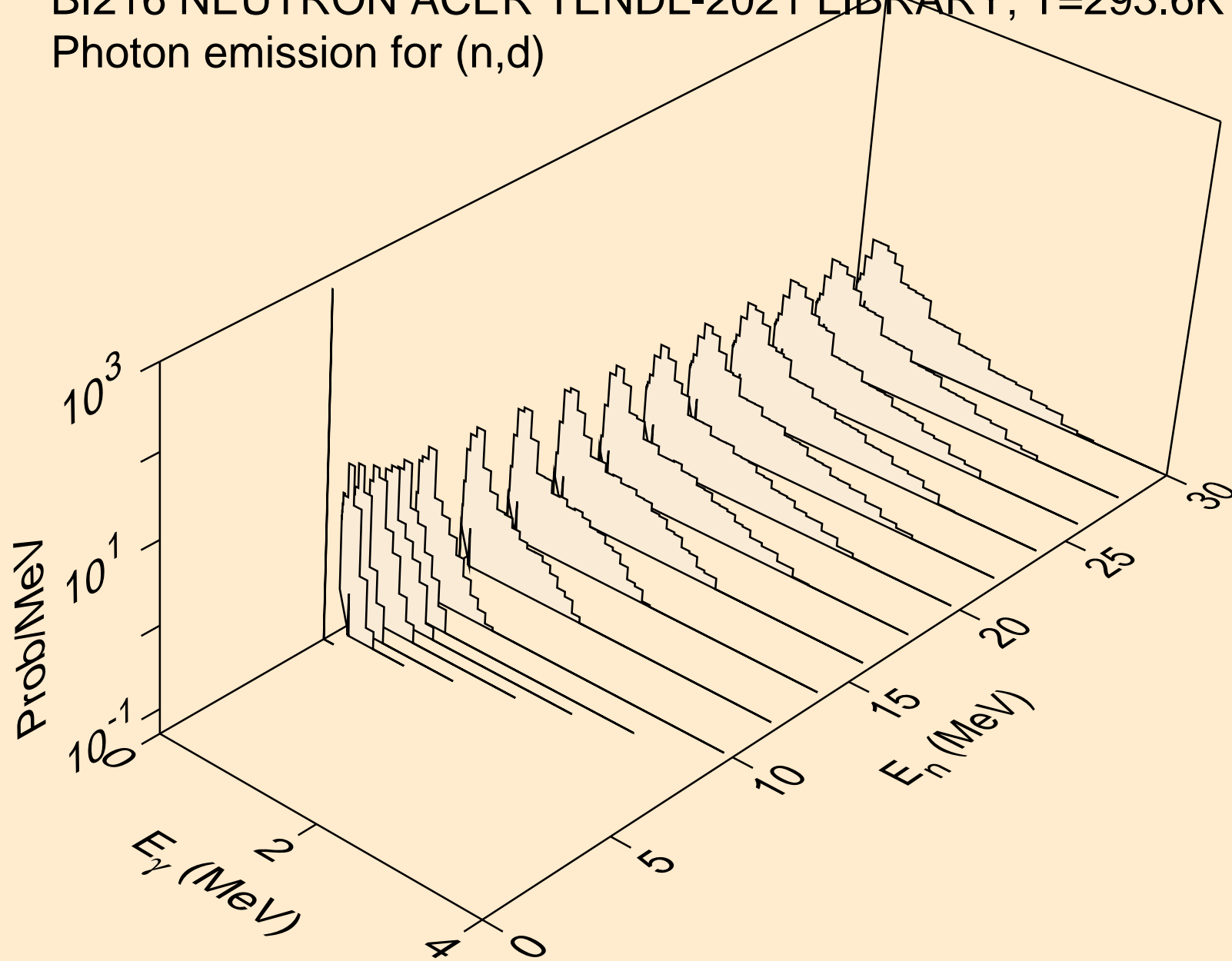
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,gma)



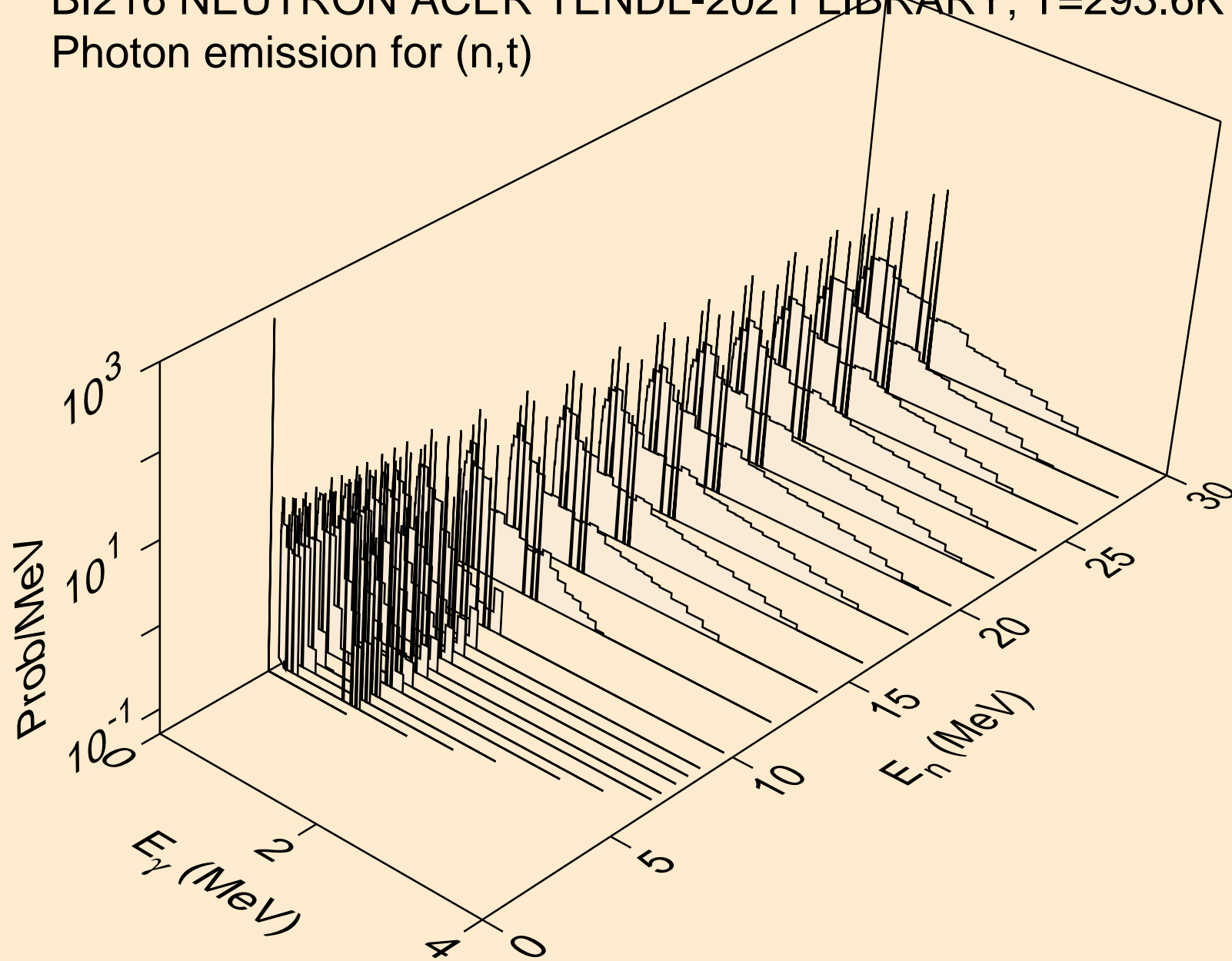
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p)



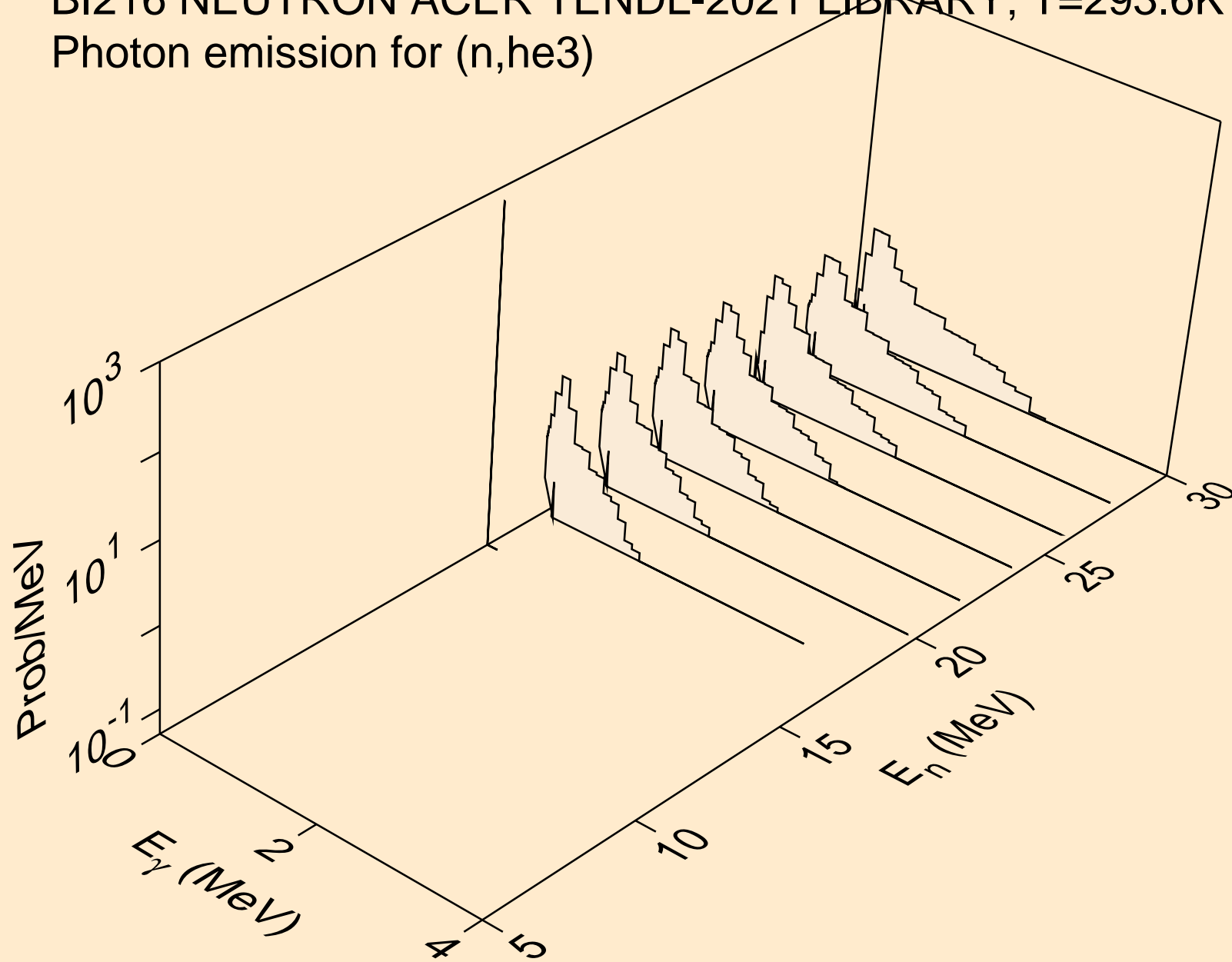
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,d)



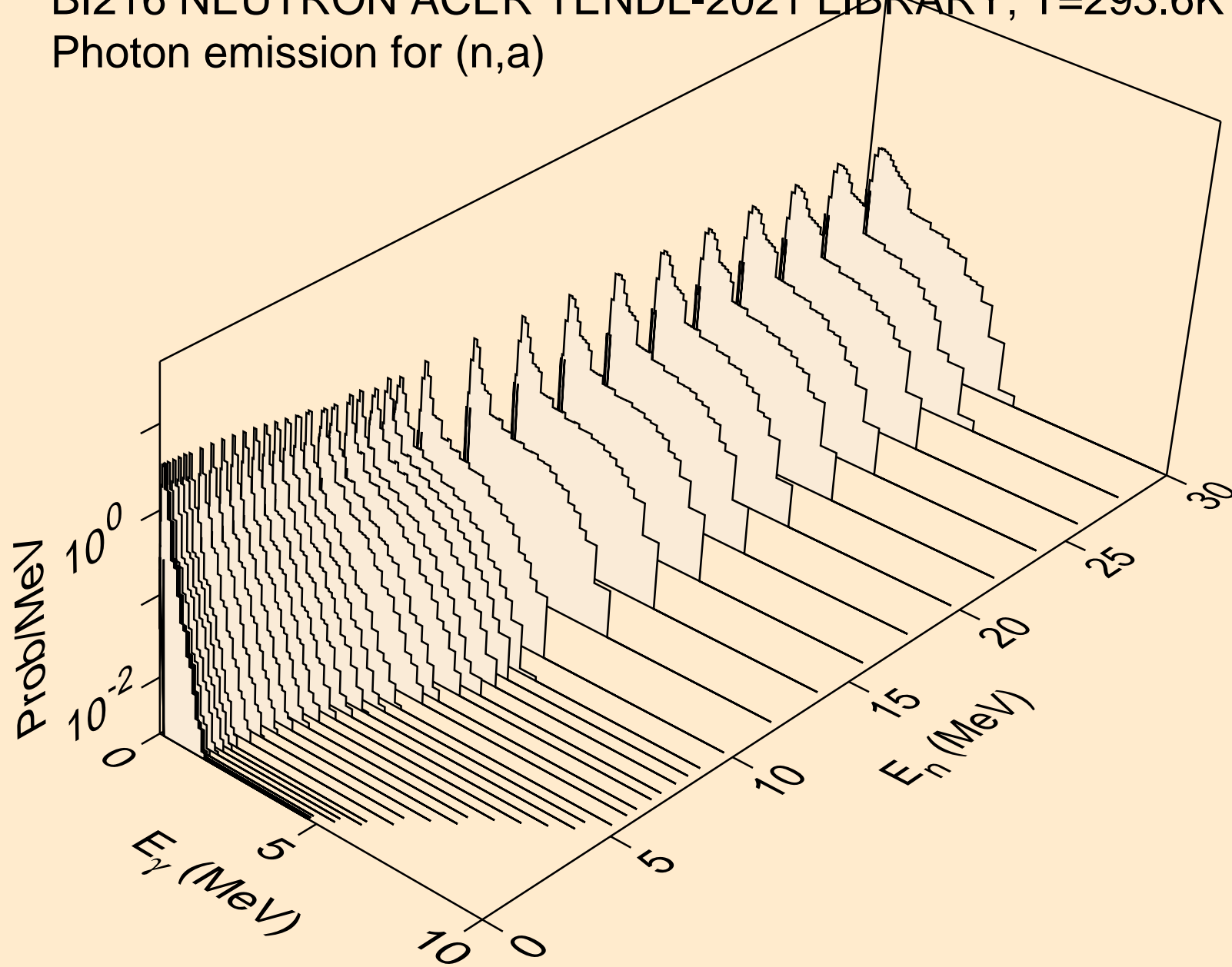
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,t)



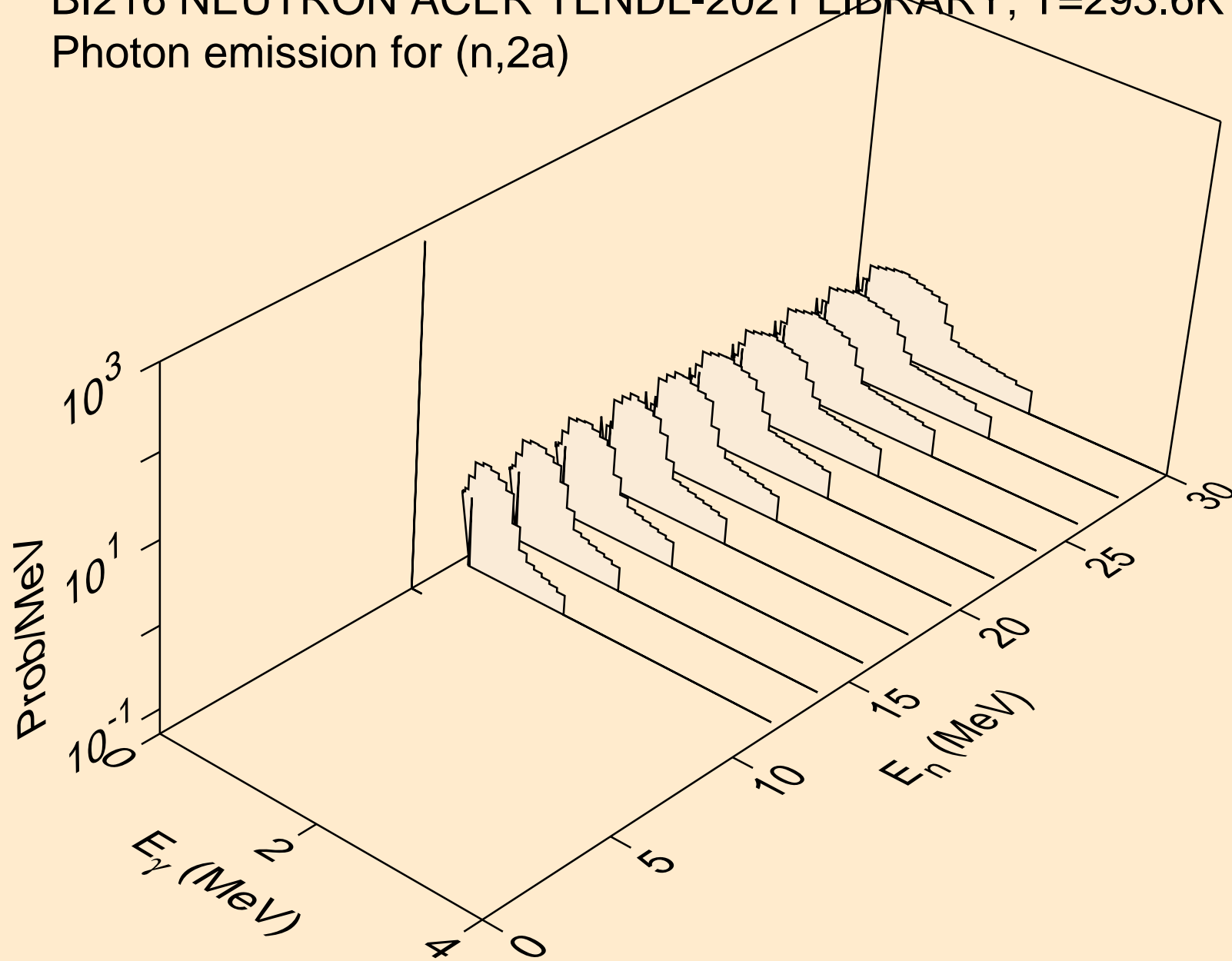
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,he3)



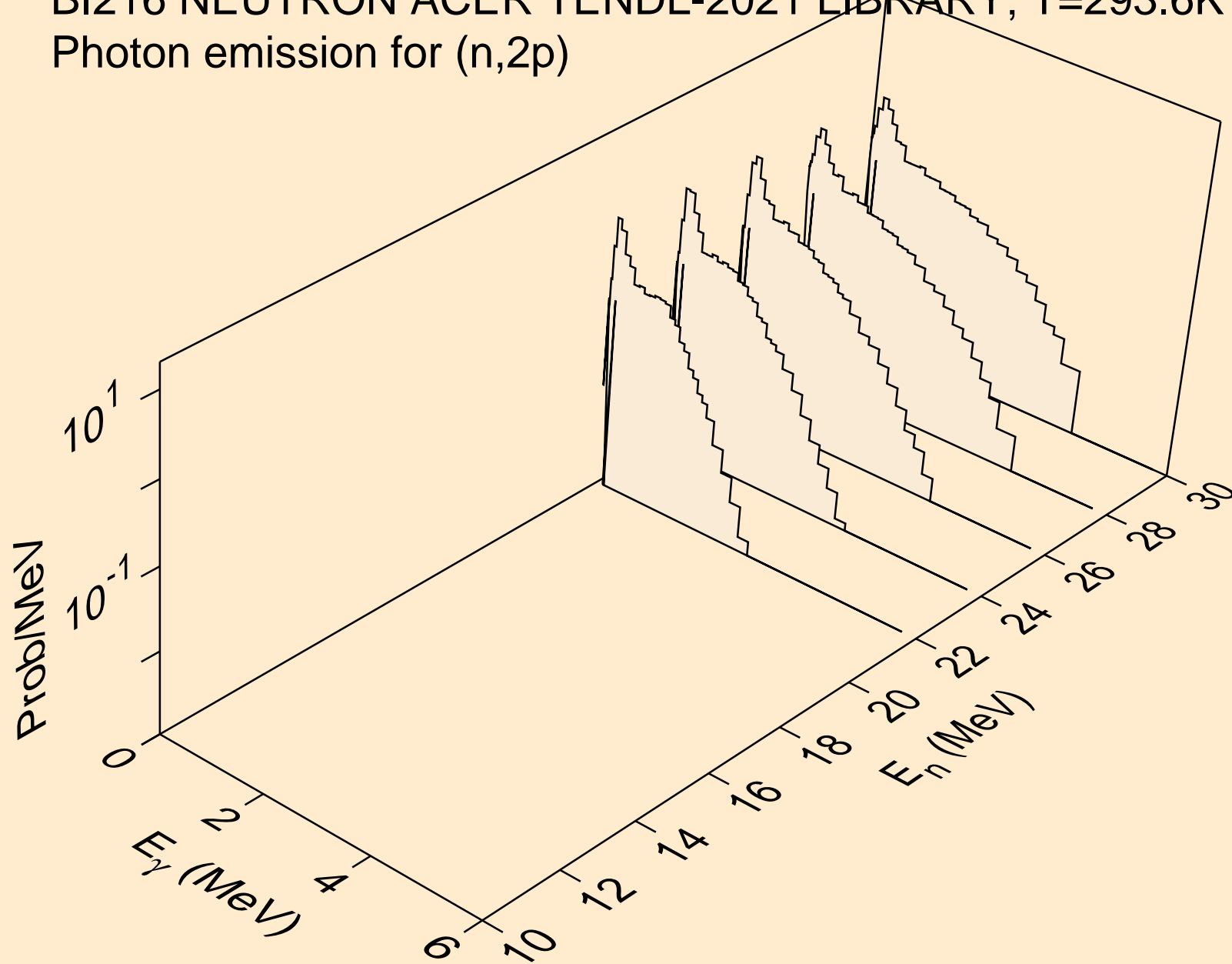
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,a)



BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2a)

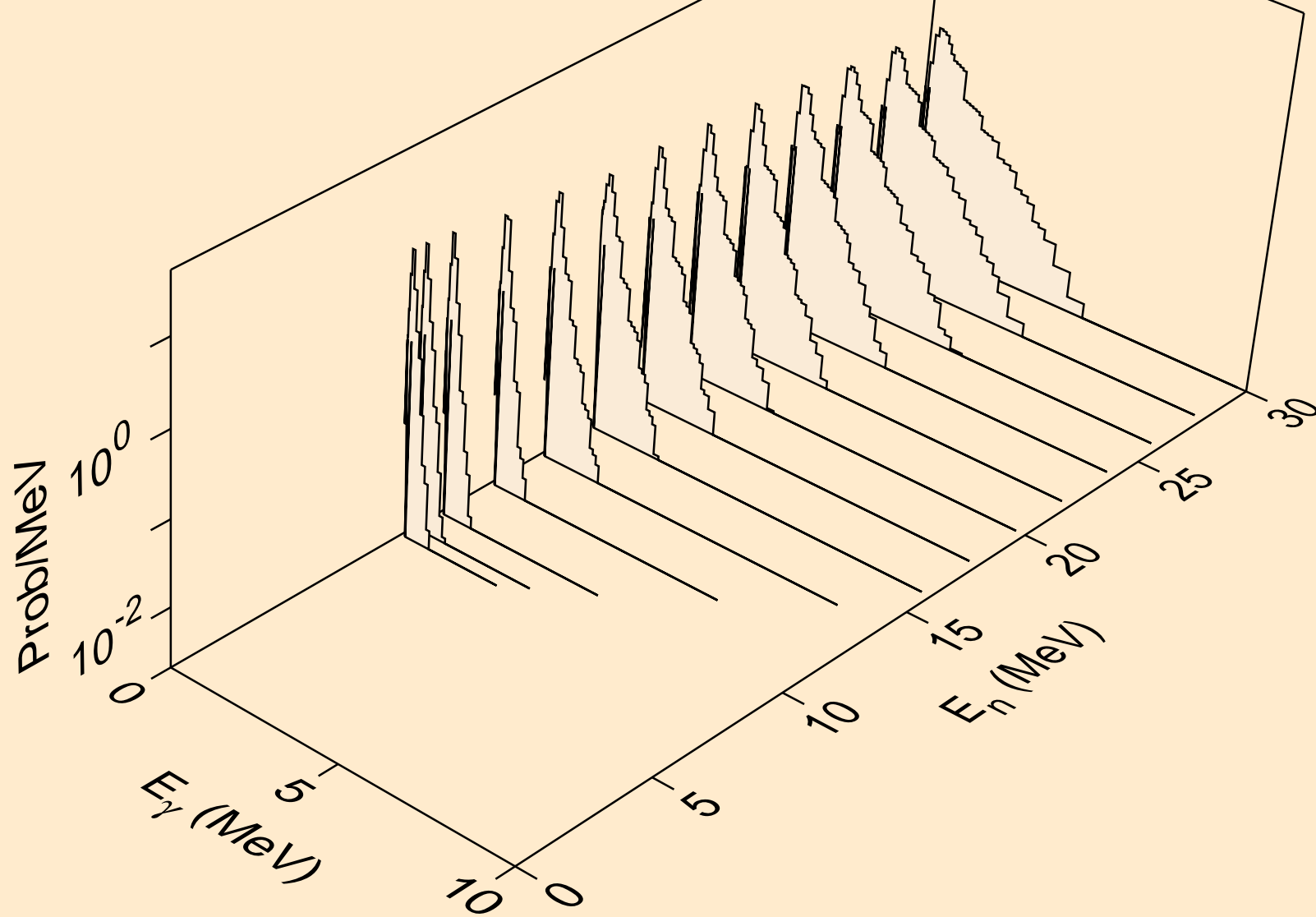


BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2p)

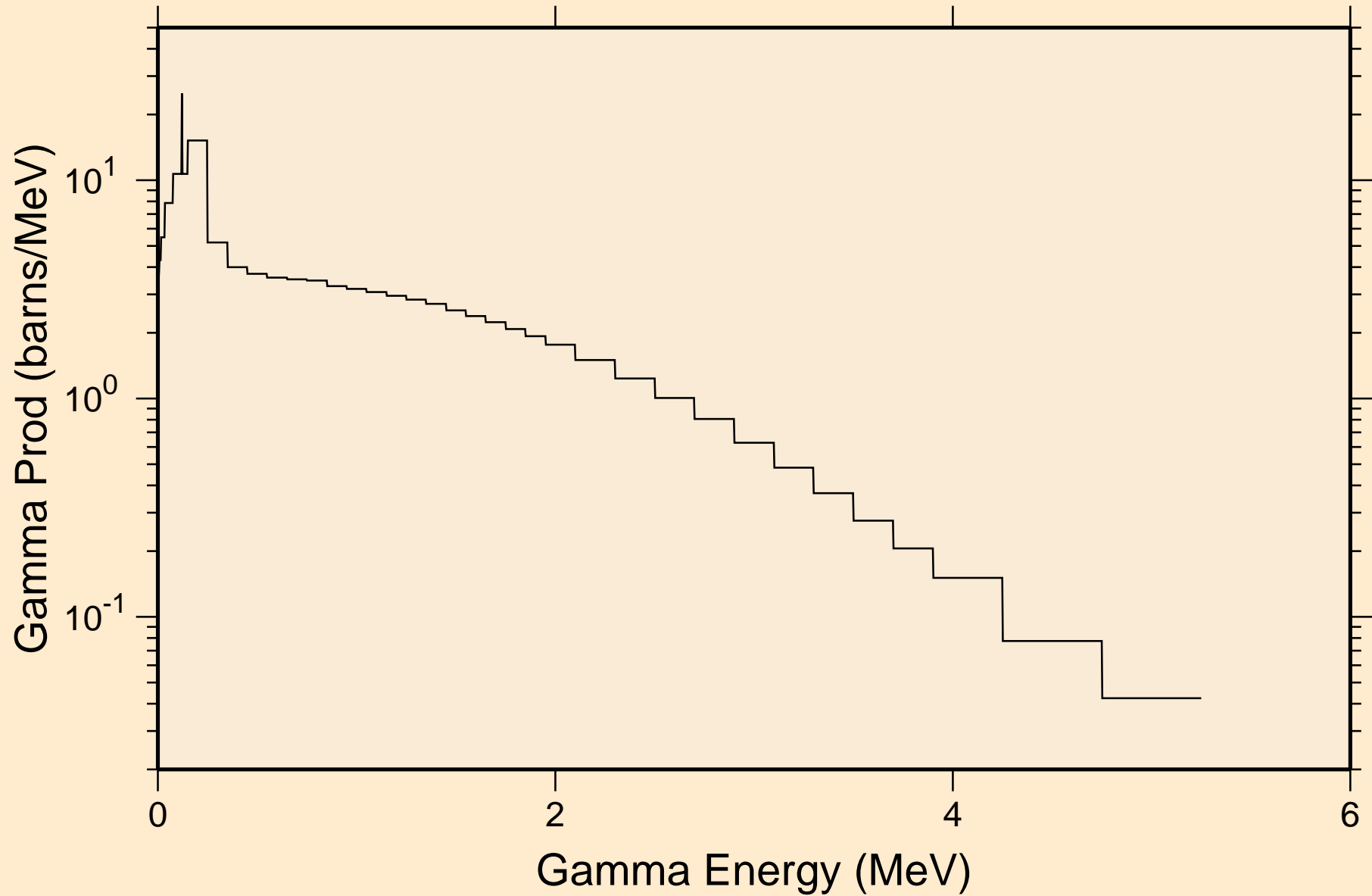




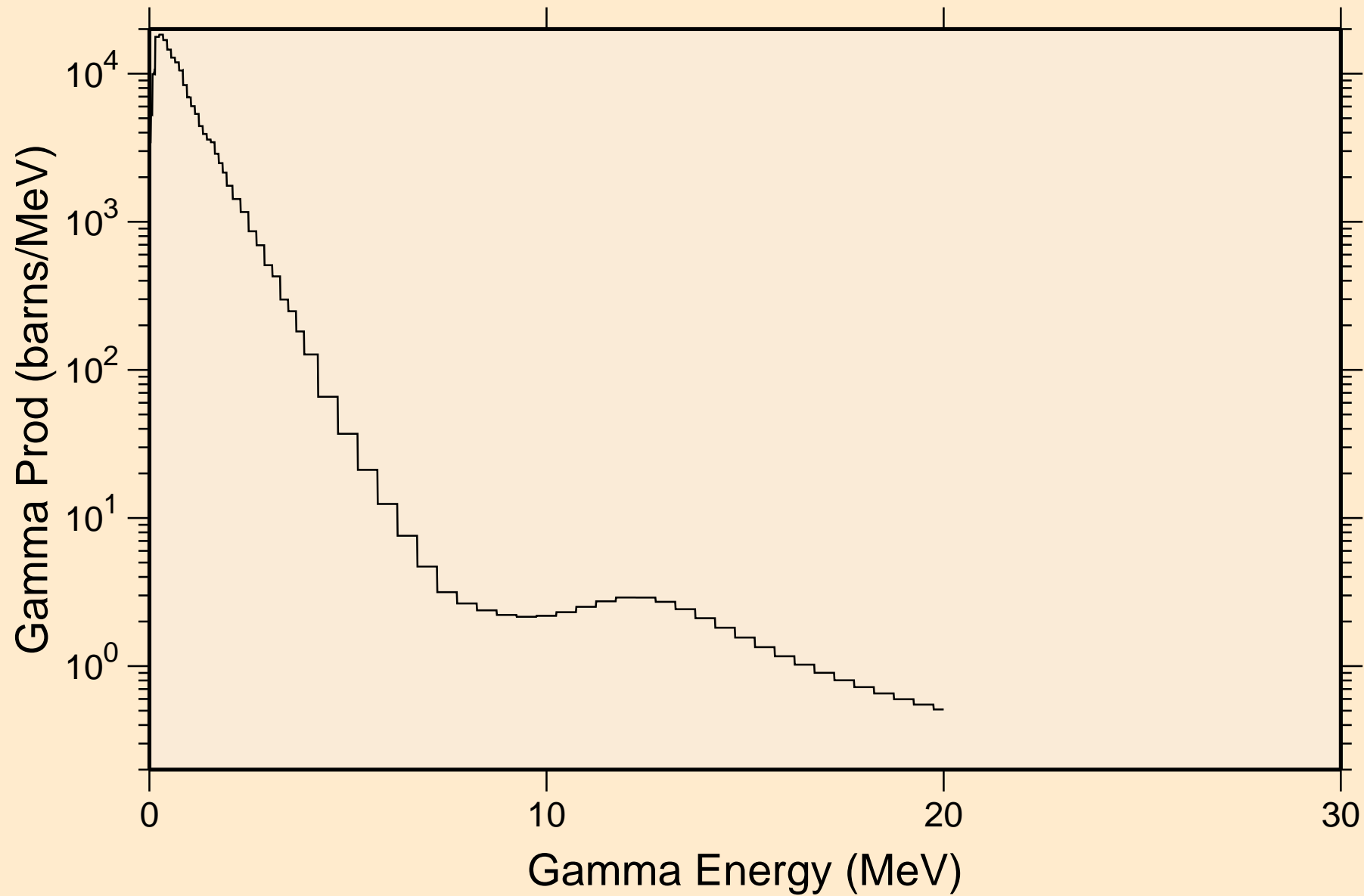
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p $\alpha$ )



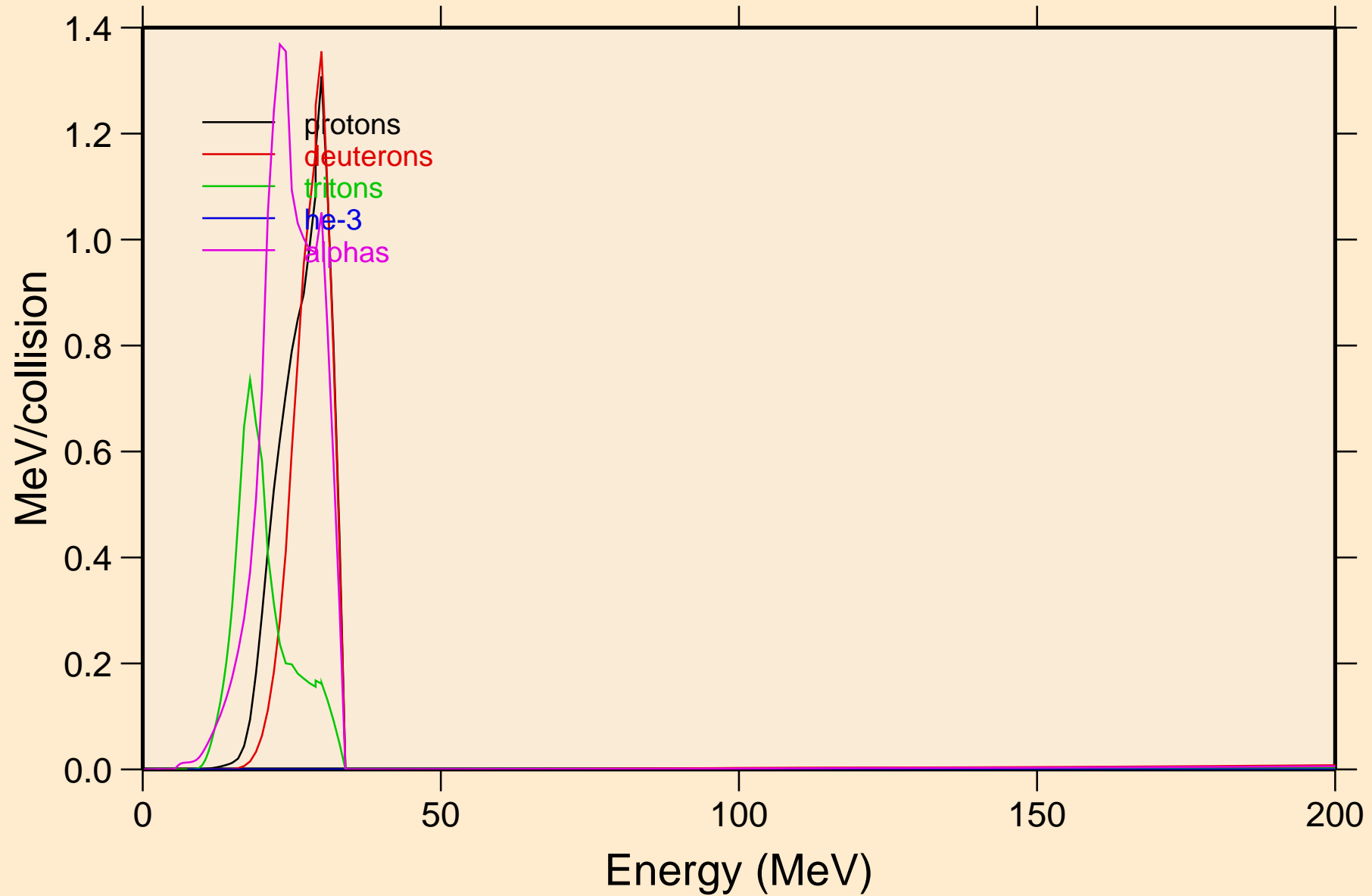
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
thermal capture photon spectrum



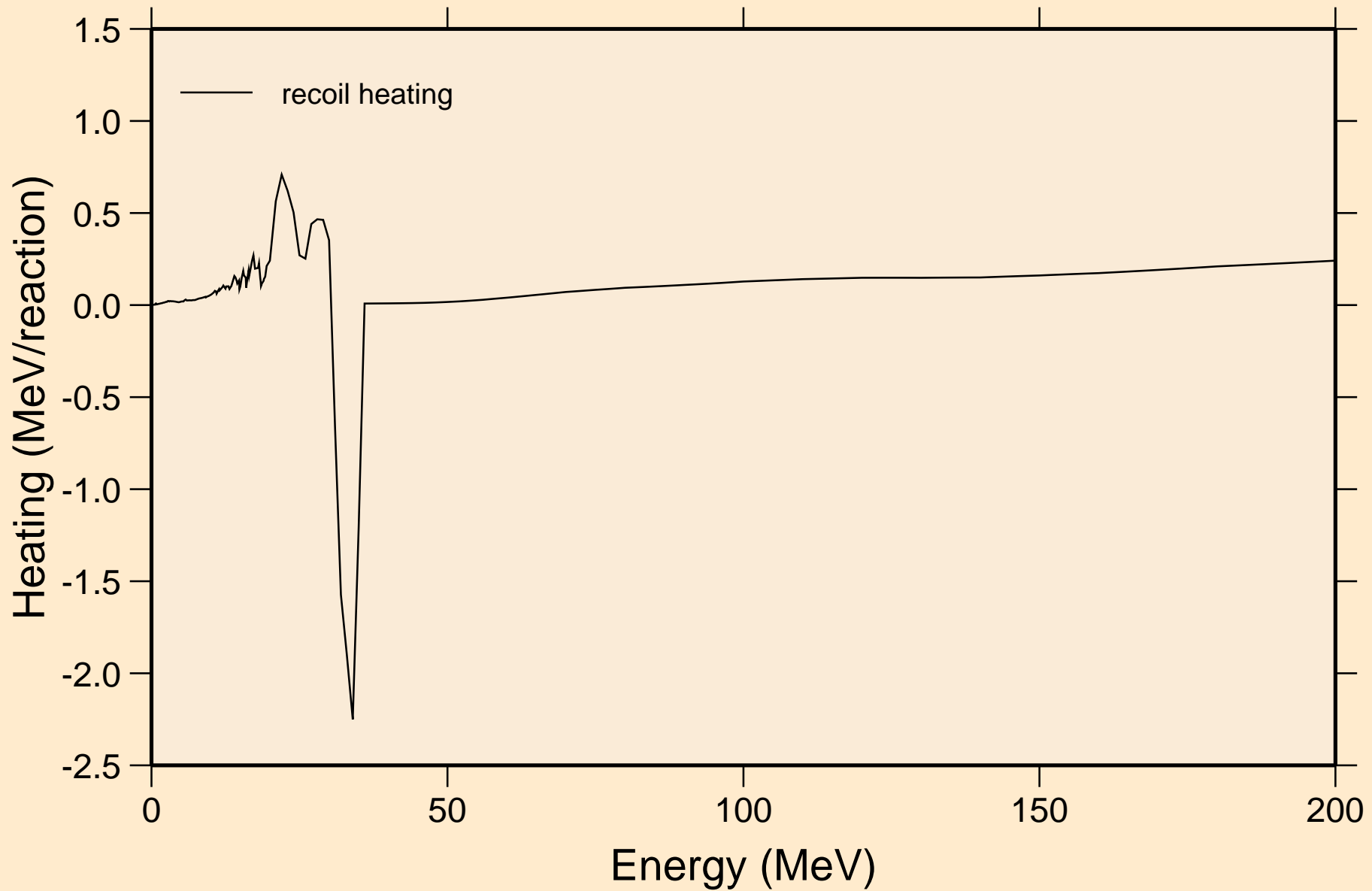
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
14 MeV photon spectrum



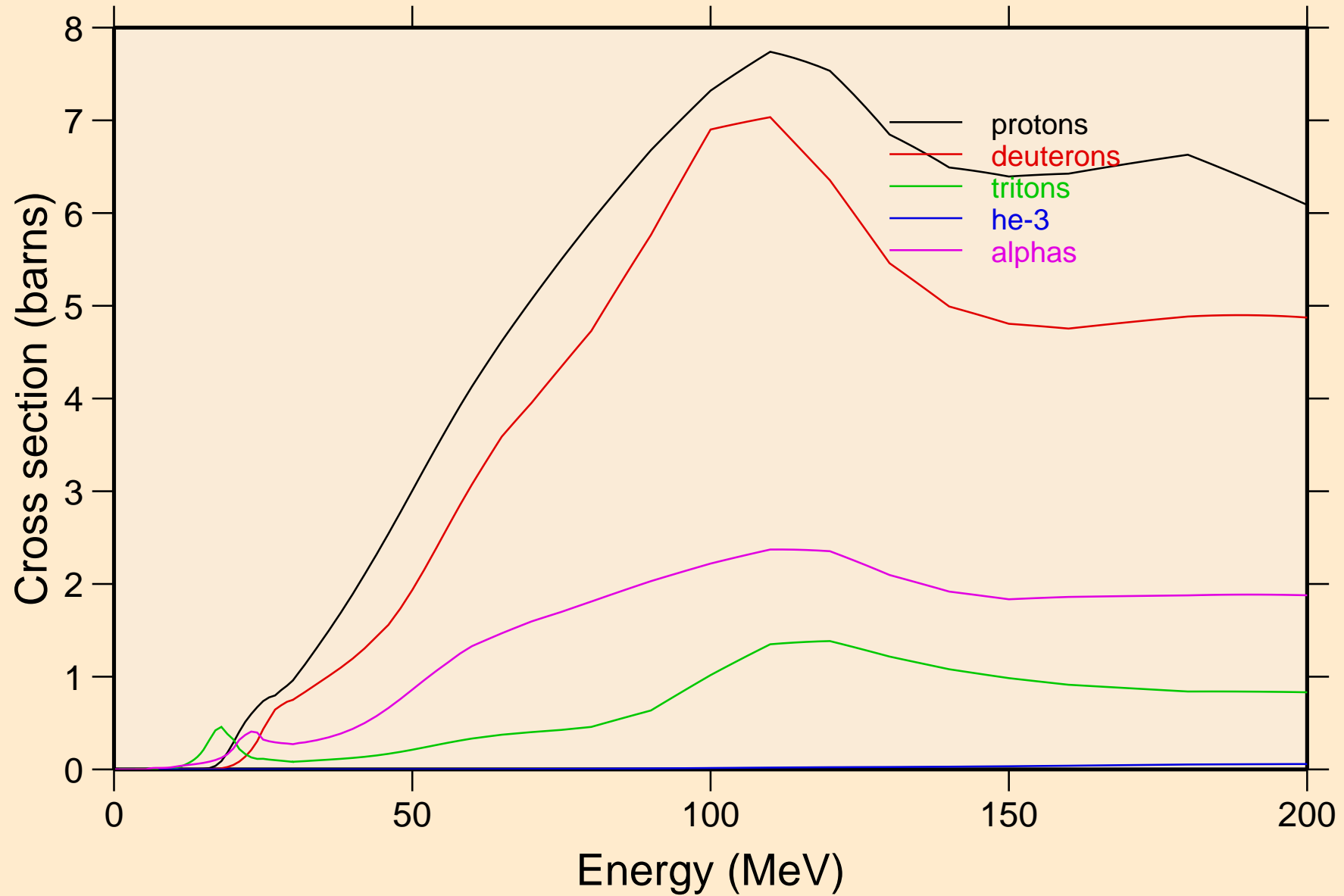
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Particle heating contributions



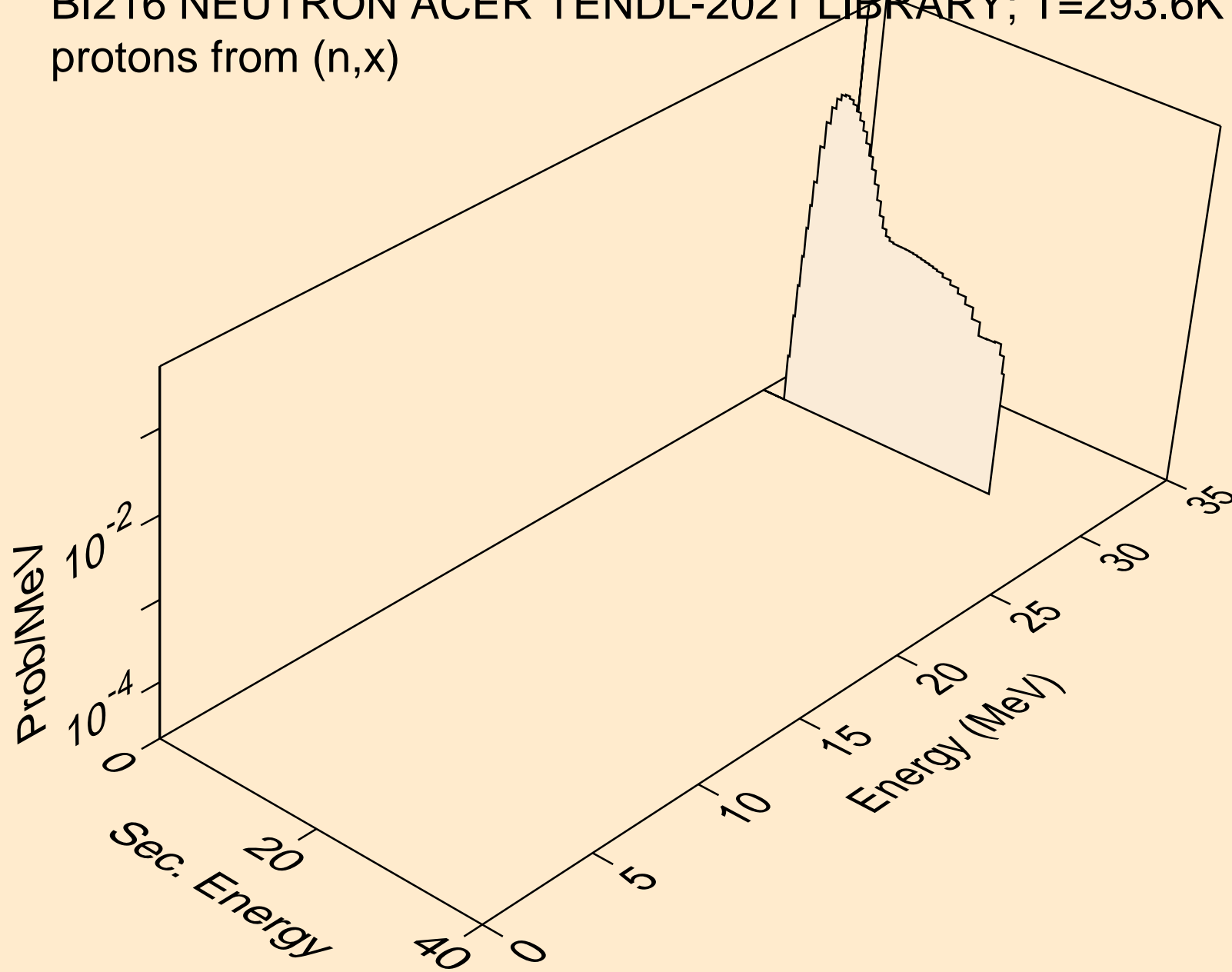
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Recoil Heating



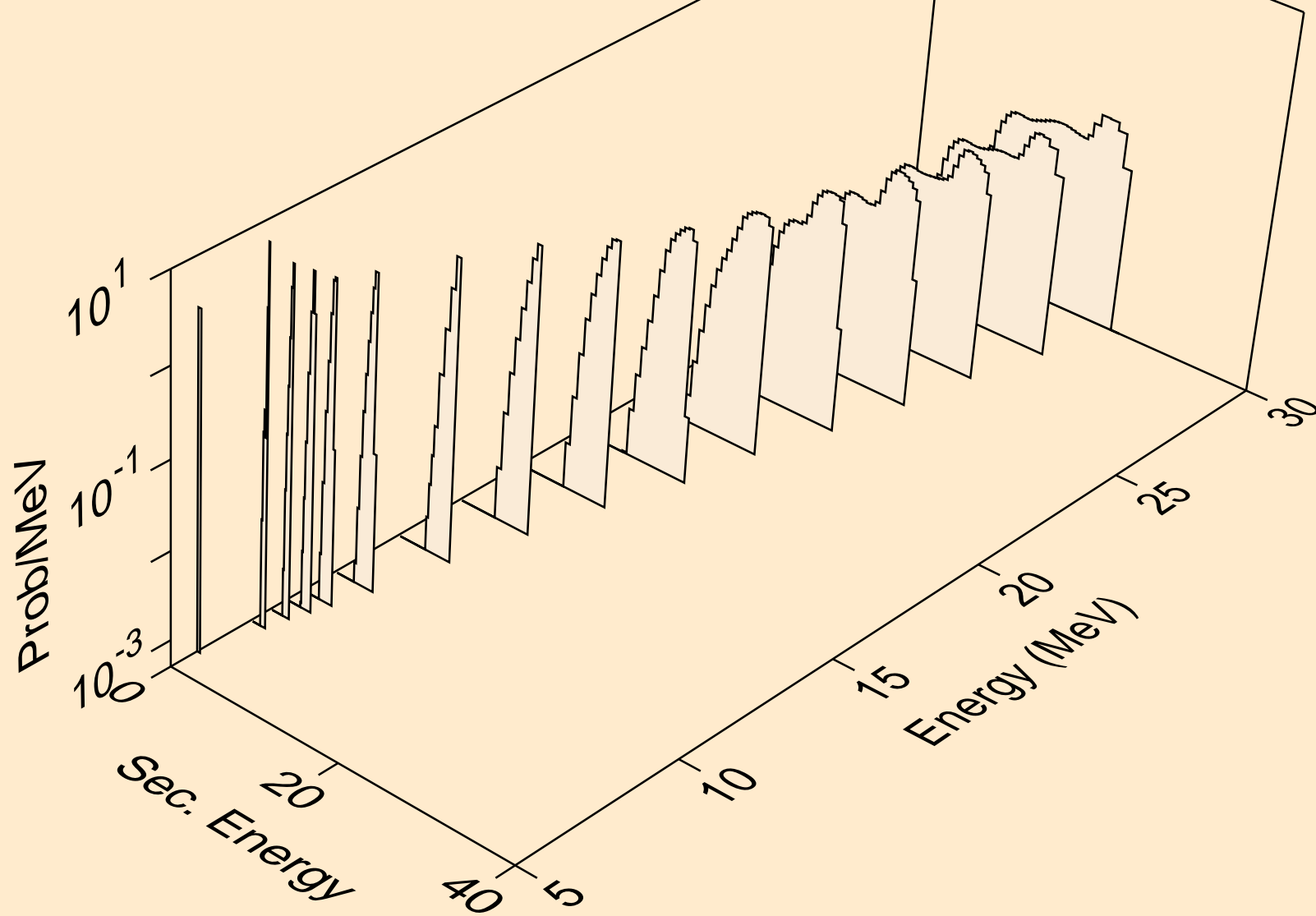
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Particle production cross sections



BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)

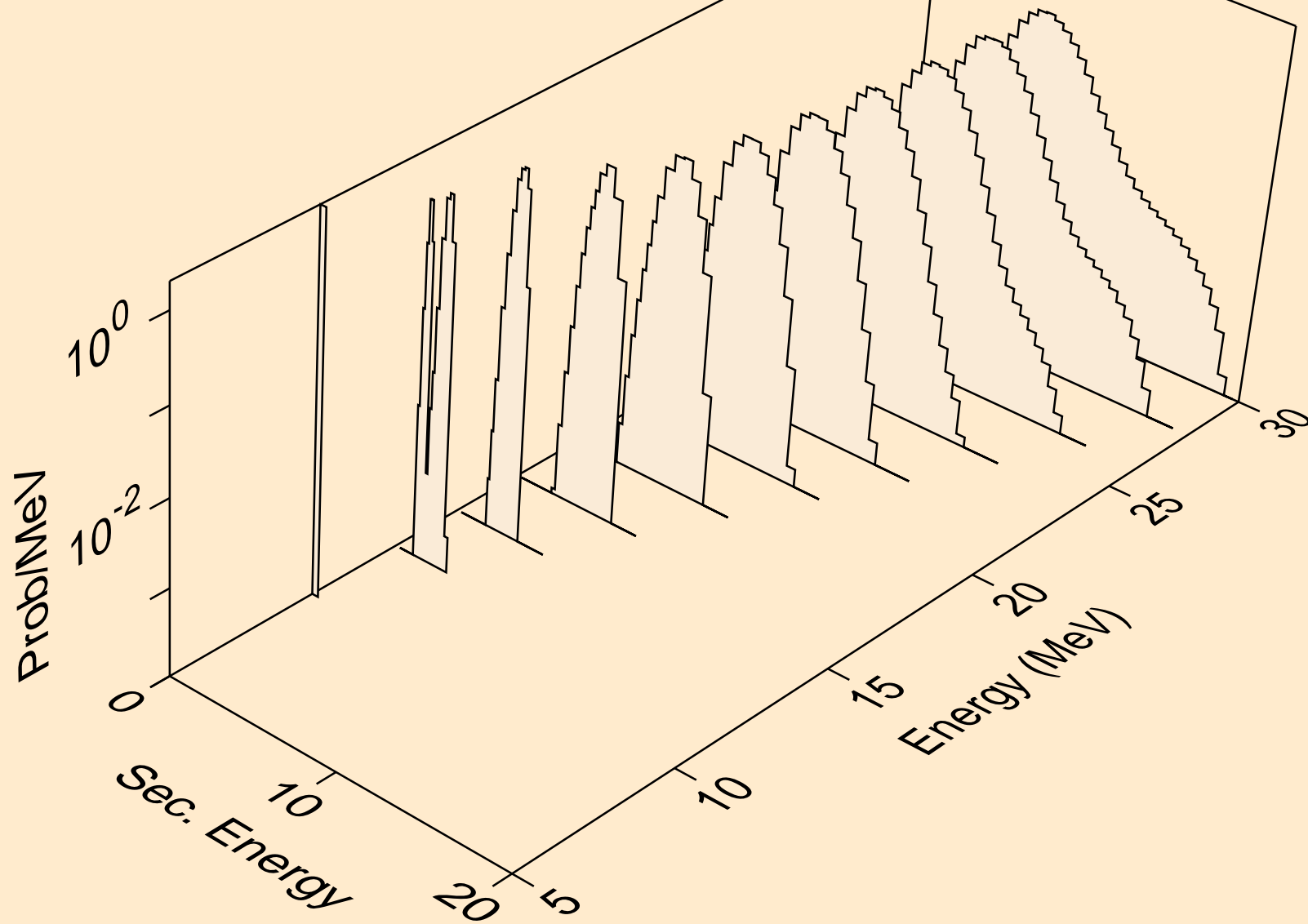


BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,n\*)p

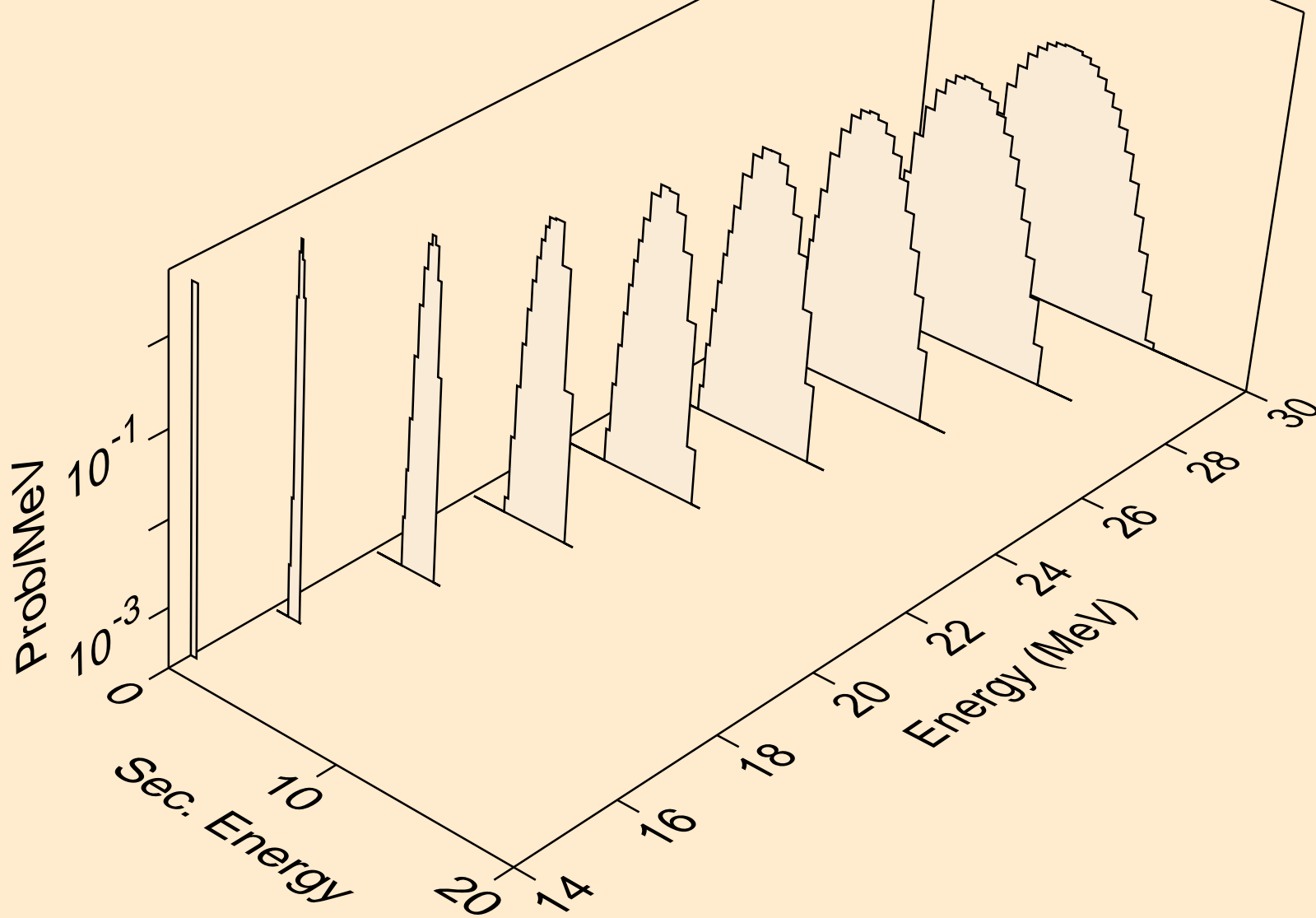




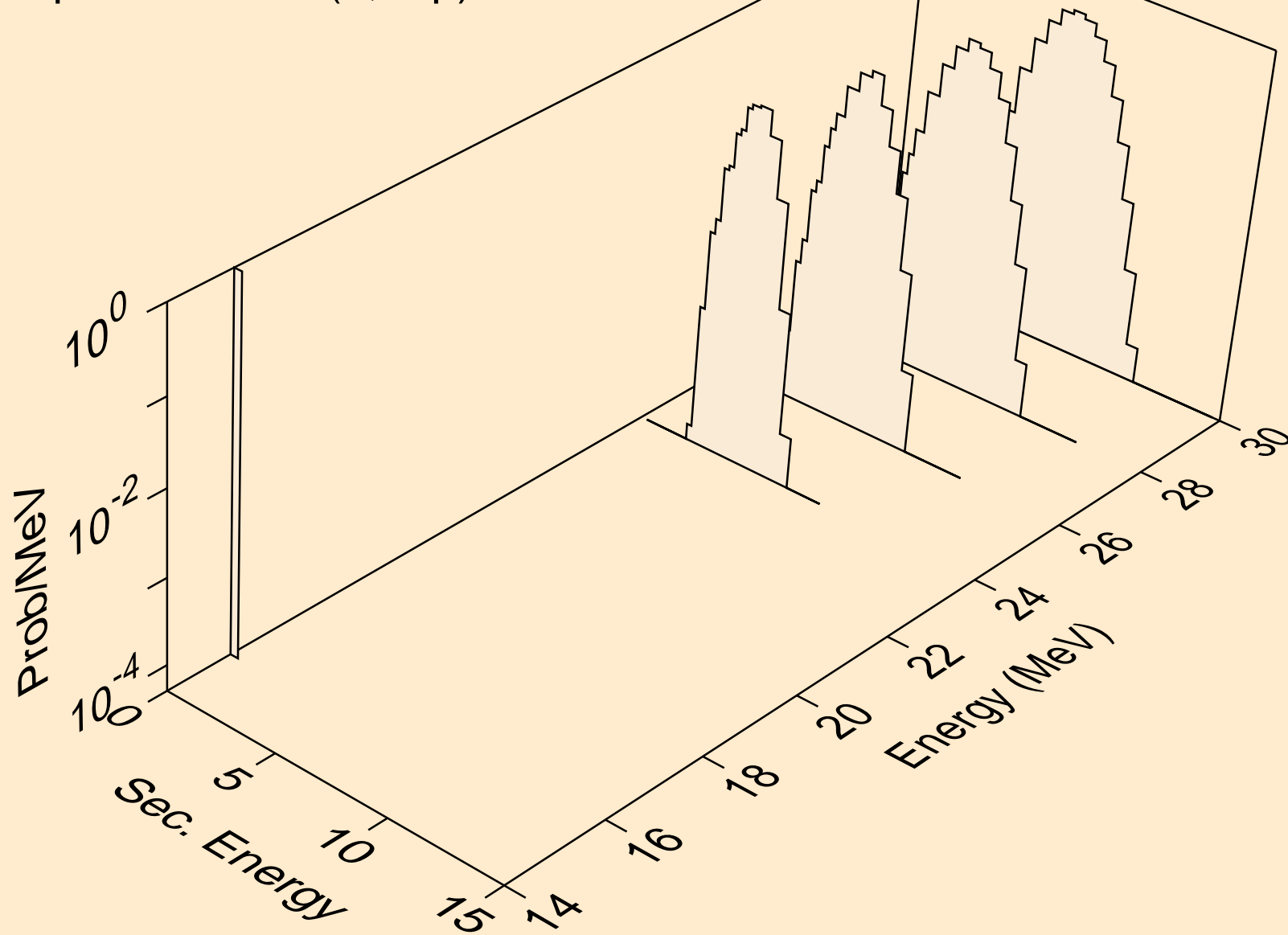
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2np)



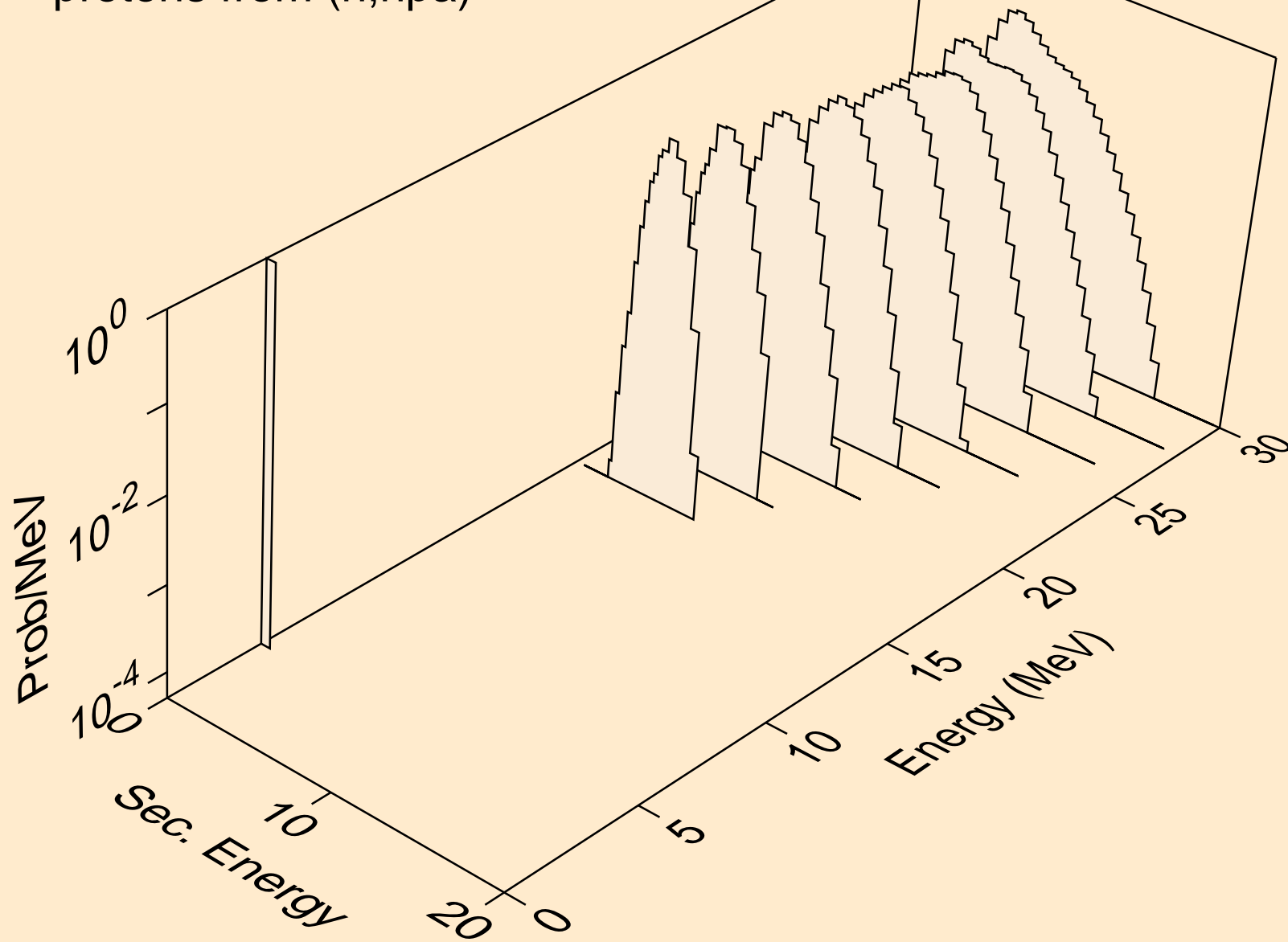
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,3np)



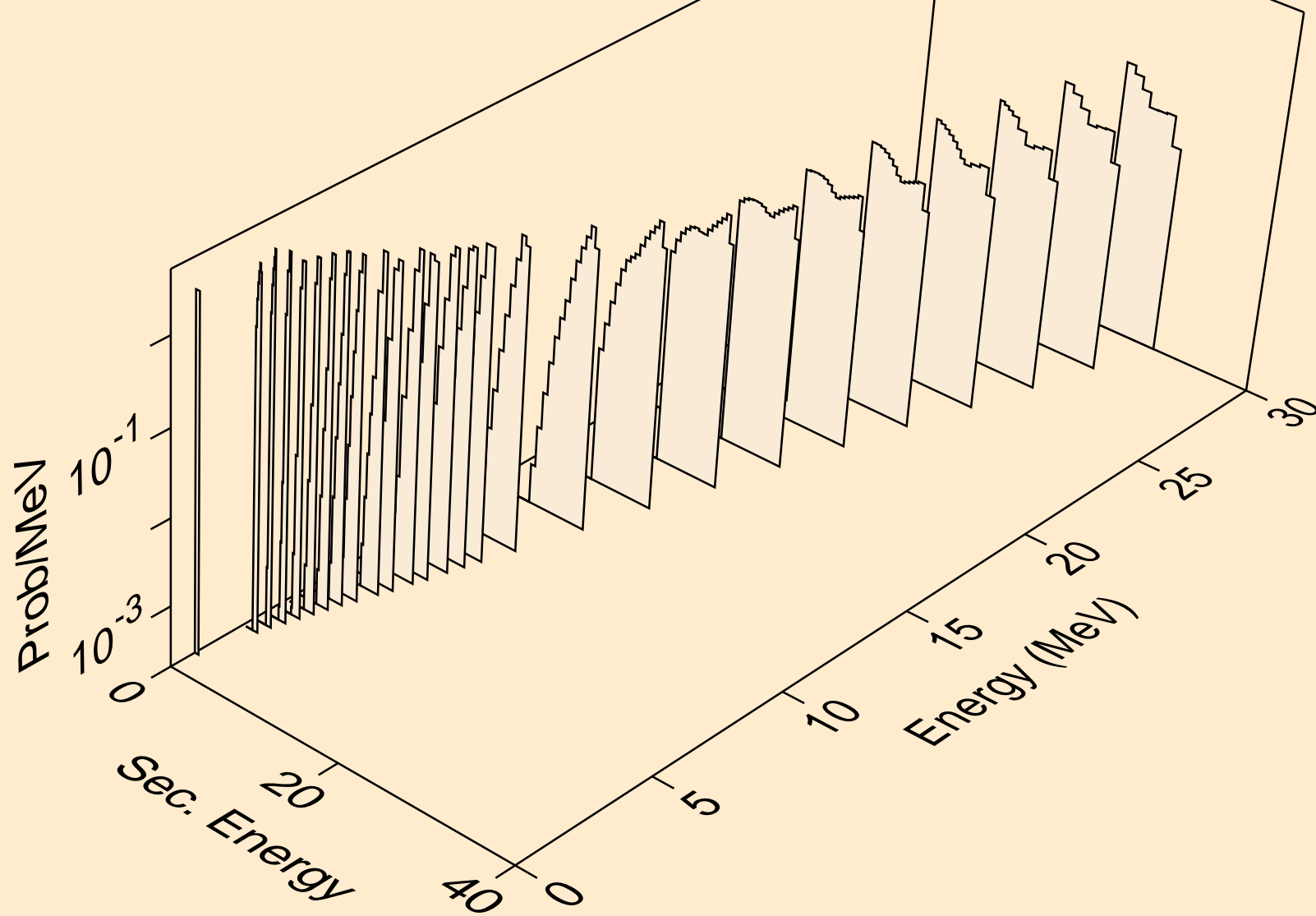
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2np)



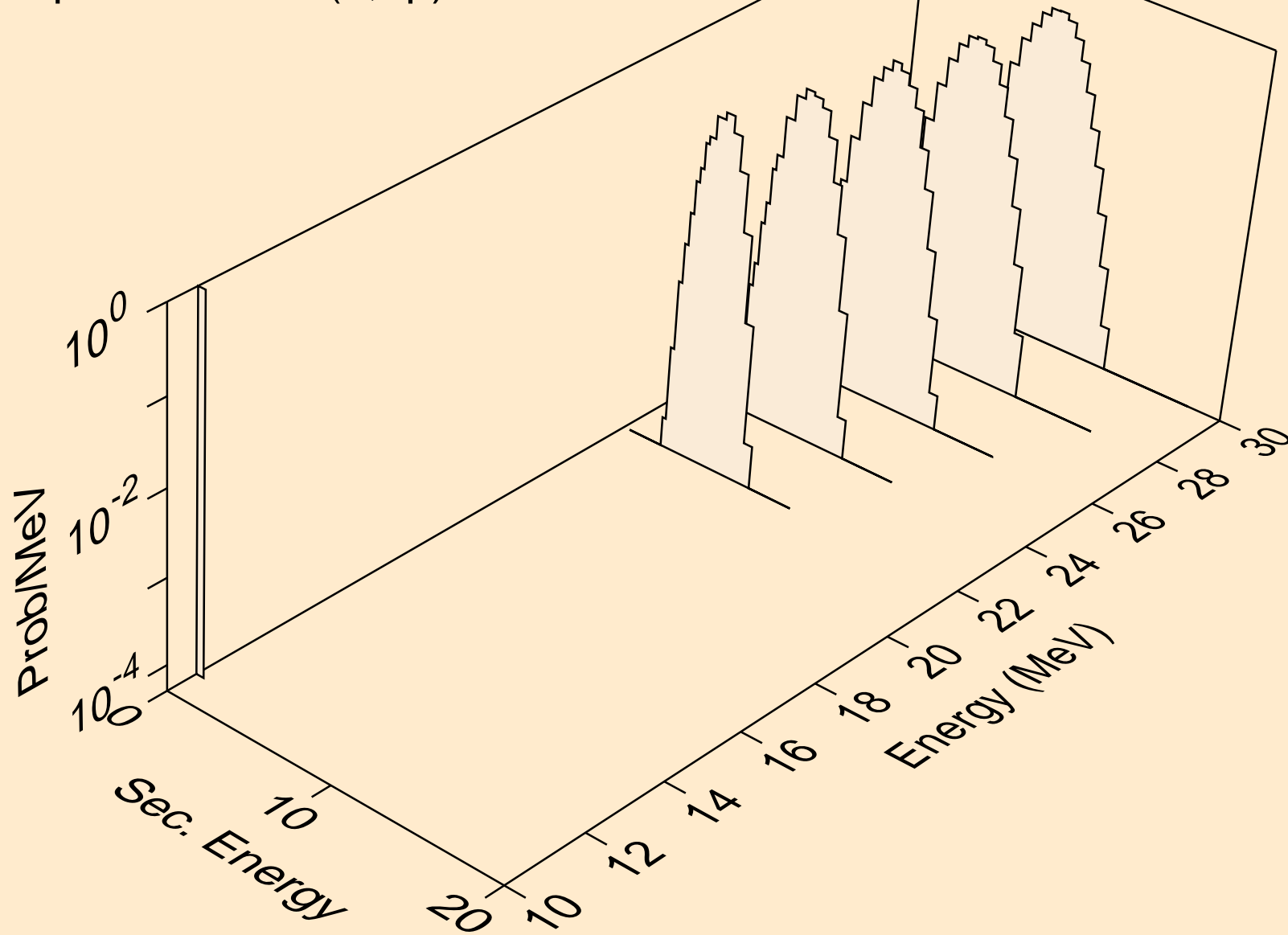
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,npa)



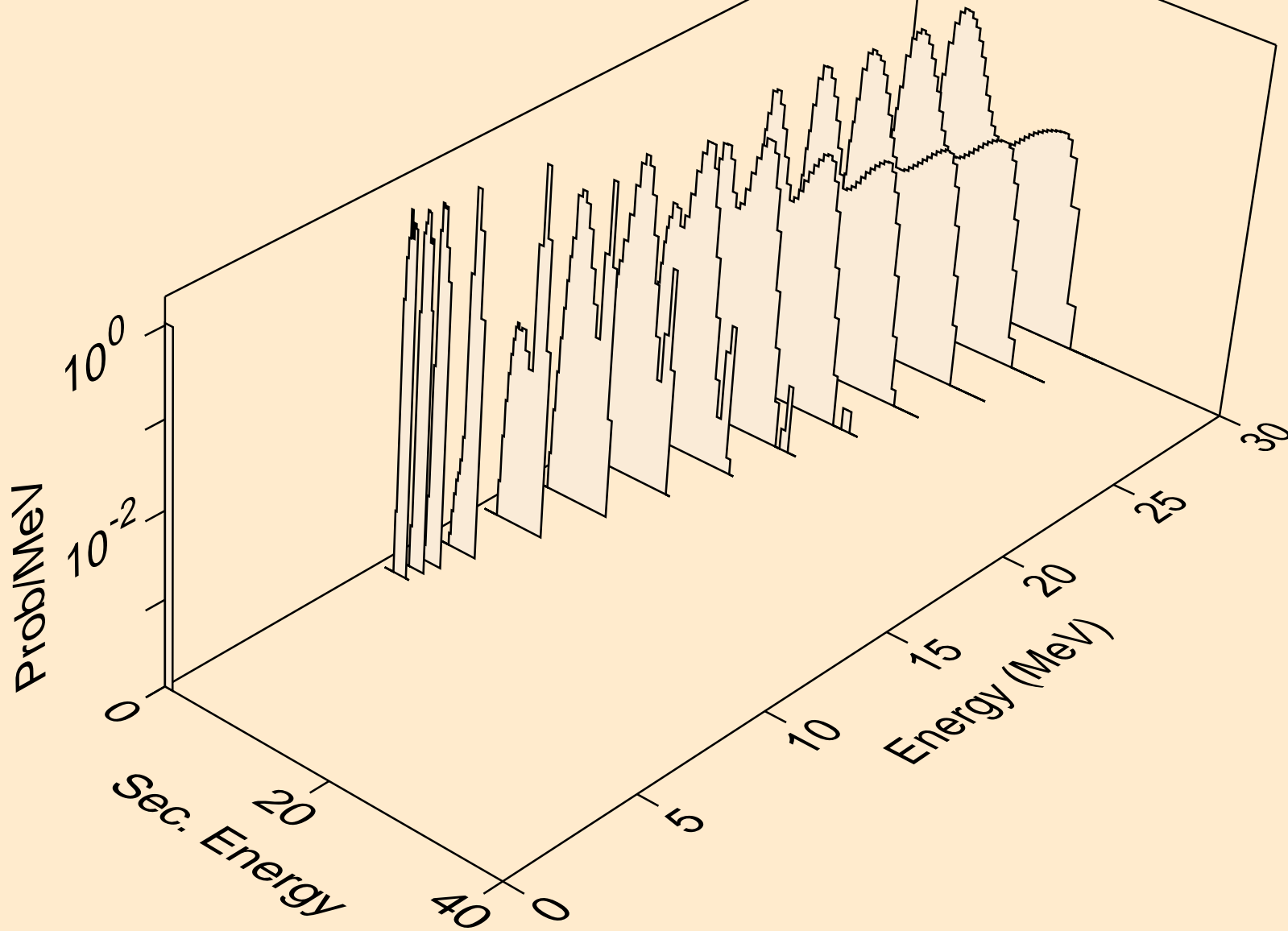
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,p)



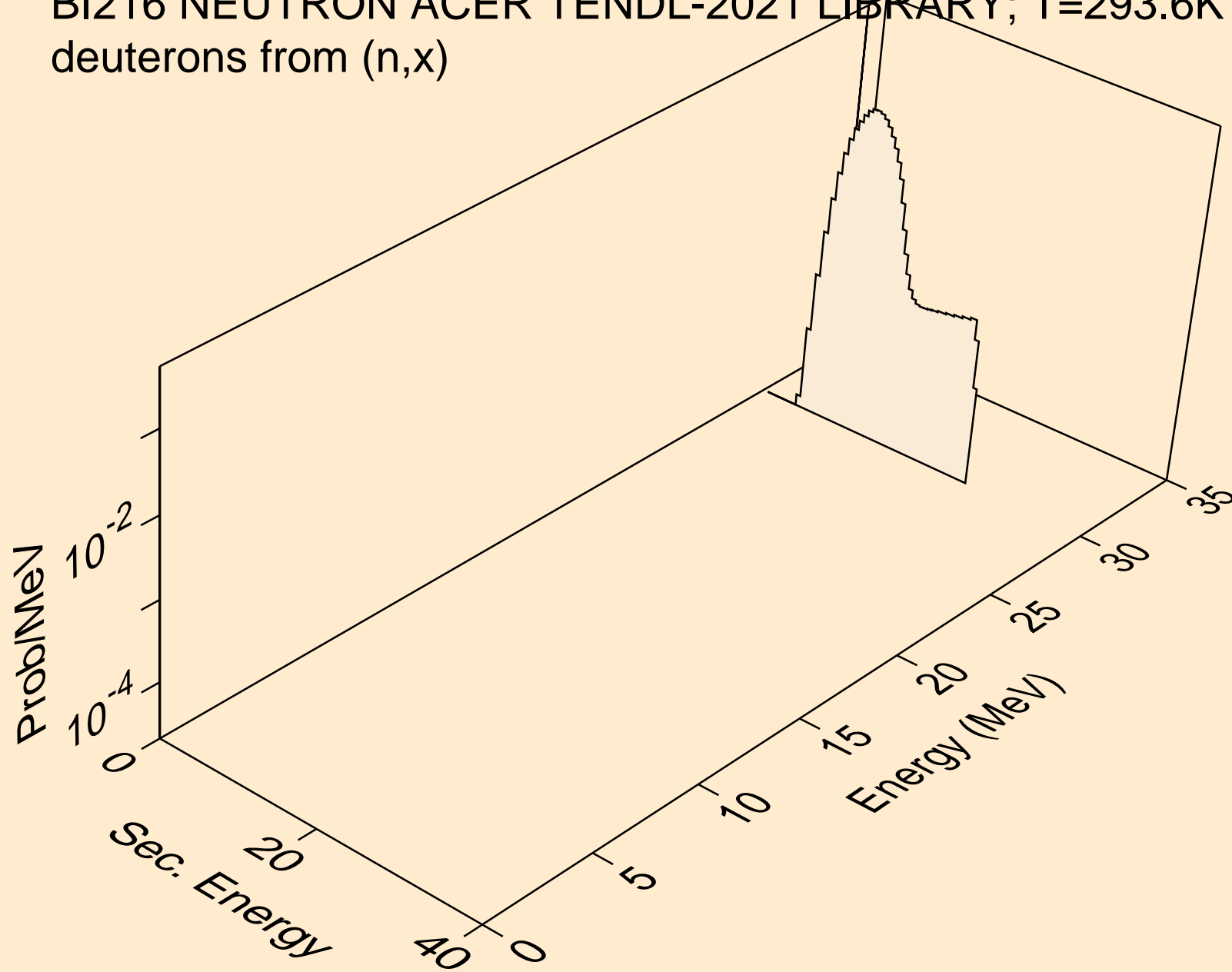
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2p)



BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,p)

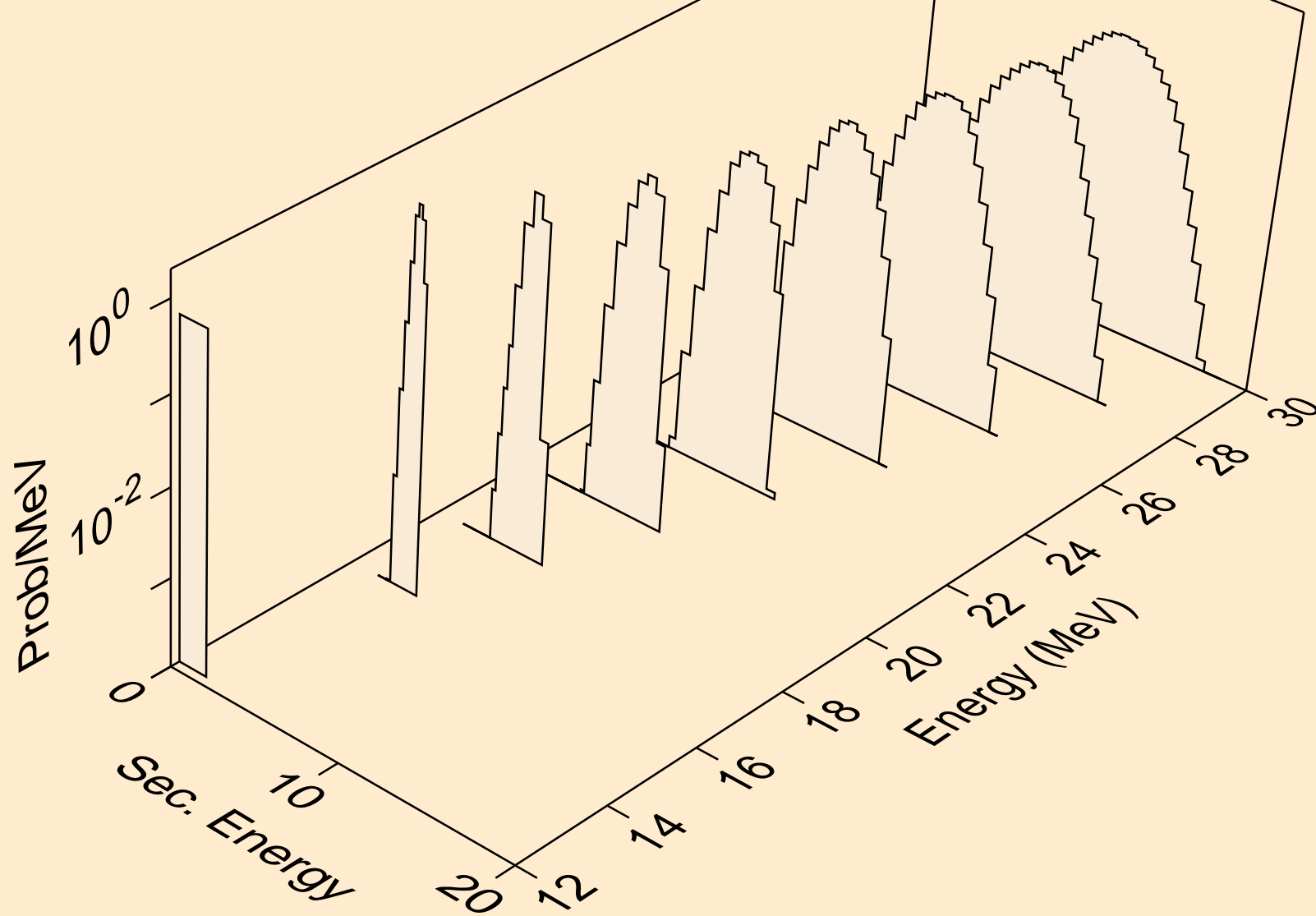


BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,x)

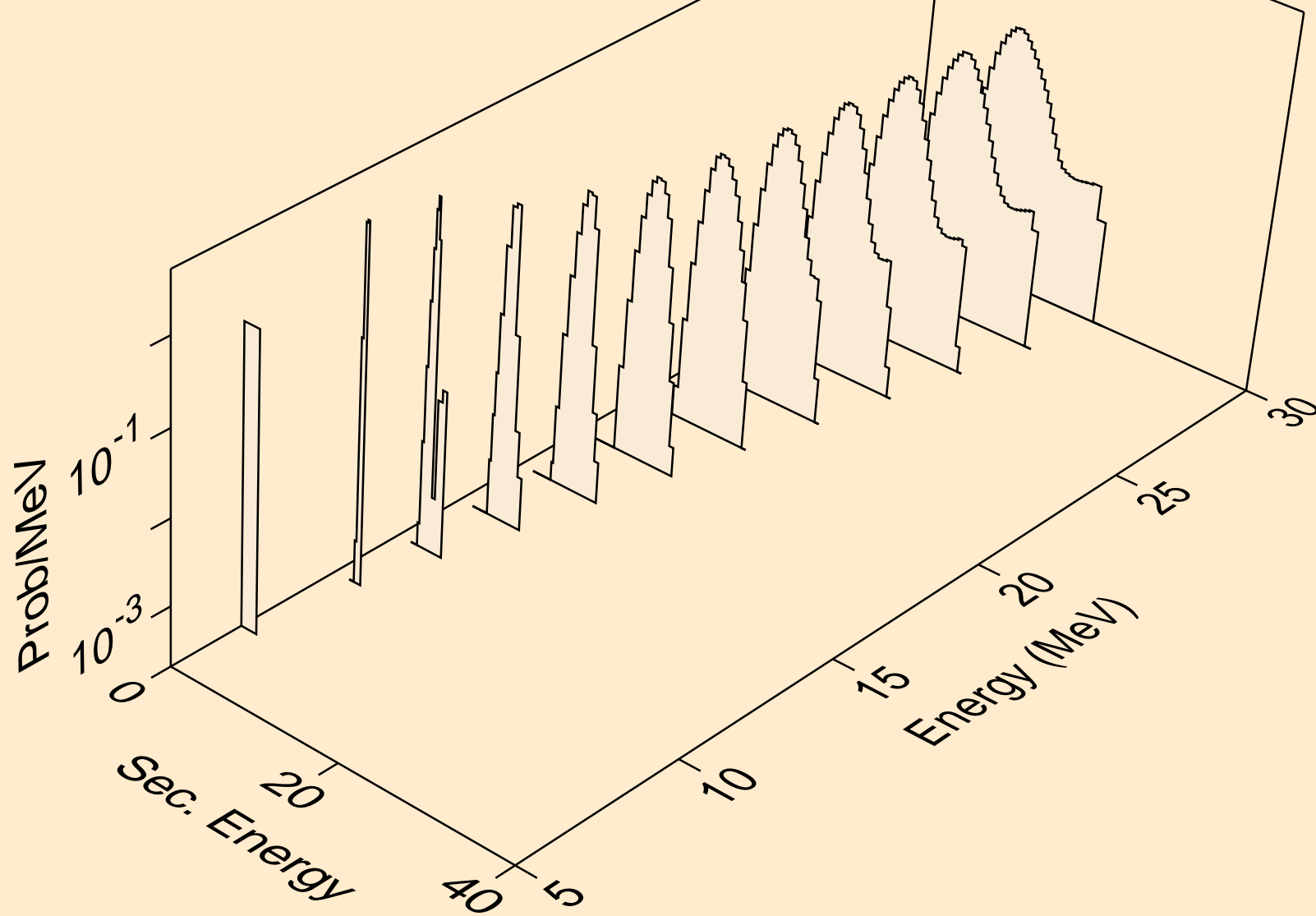




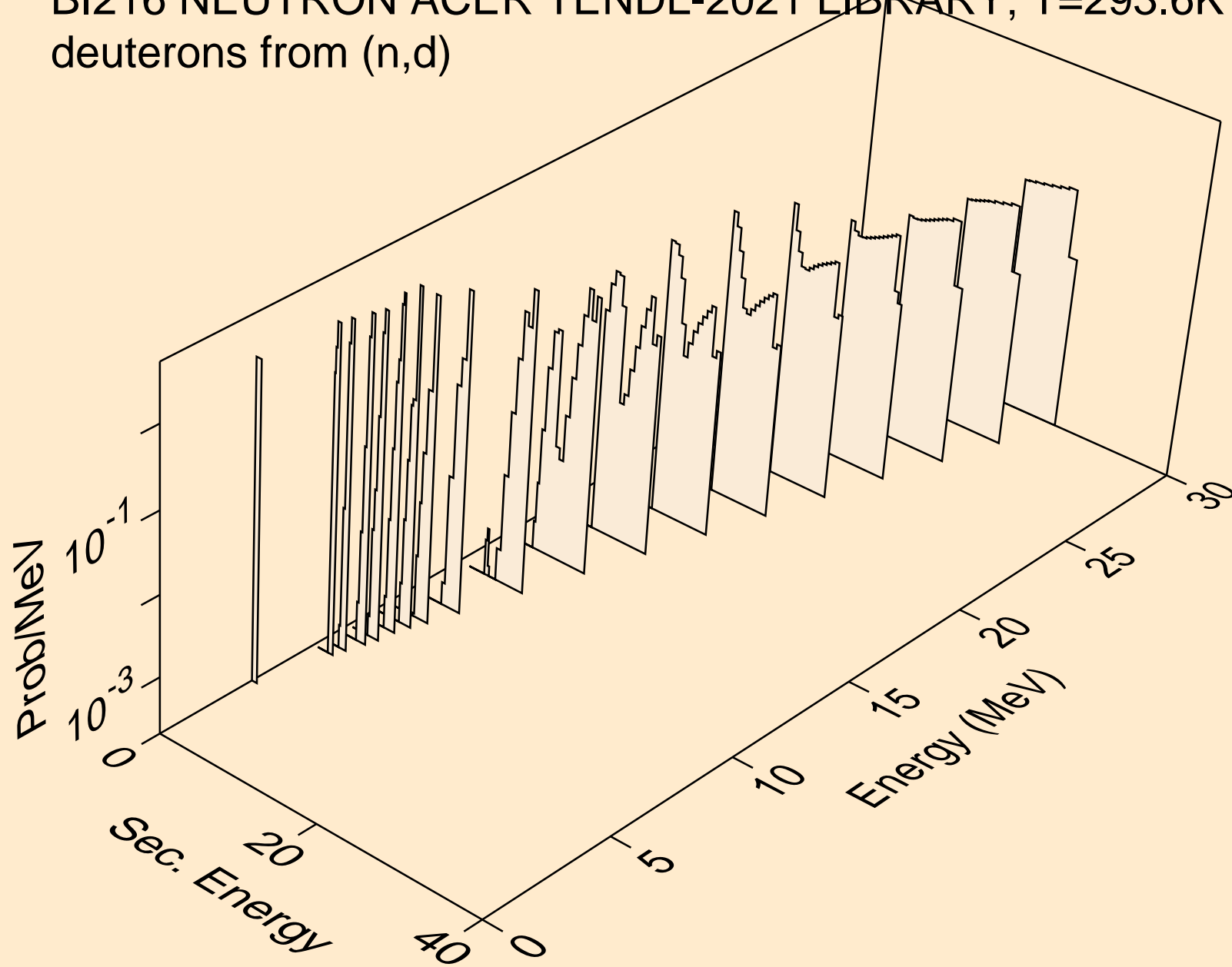
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,2nd)



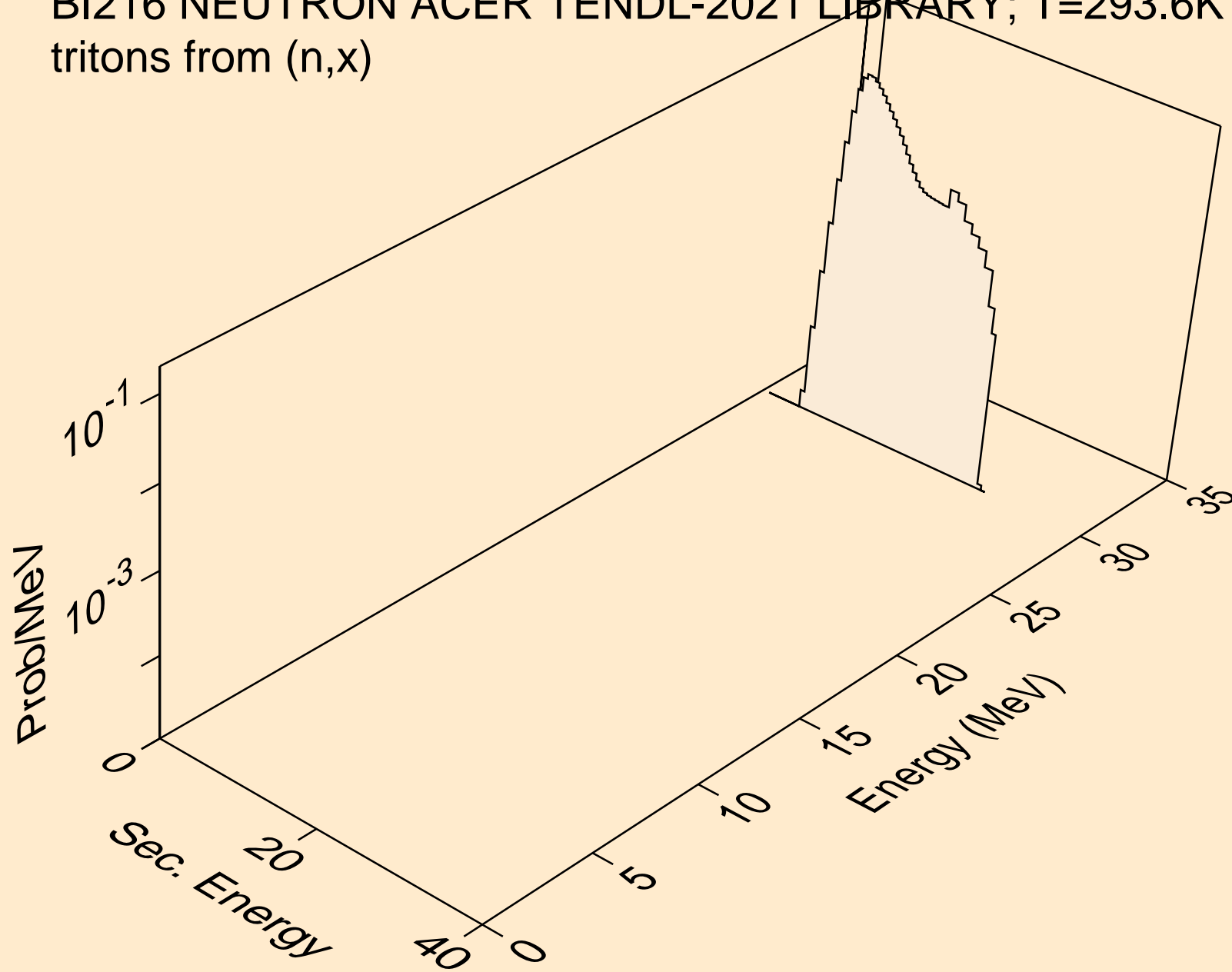
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,n\*)d



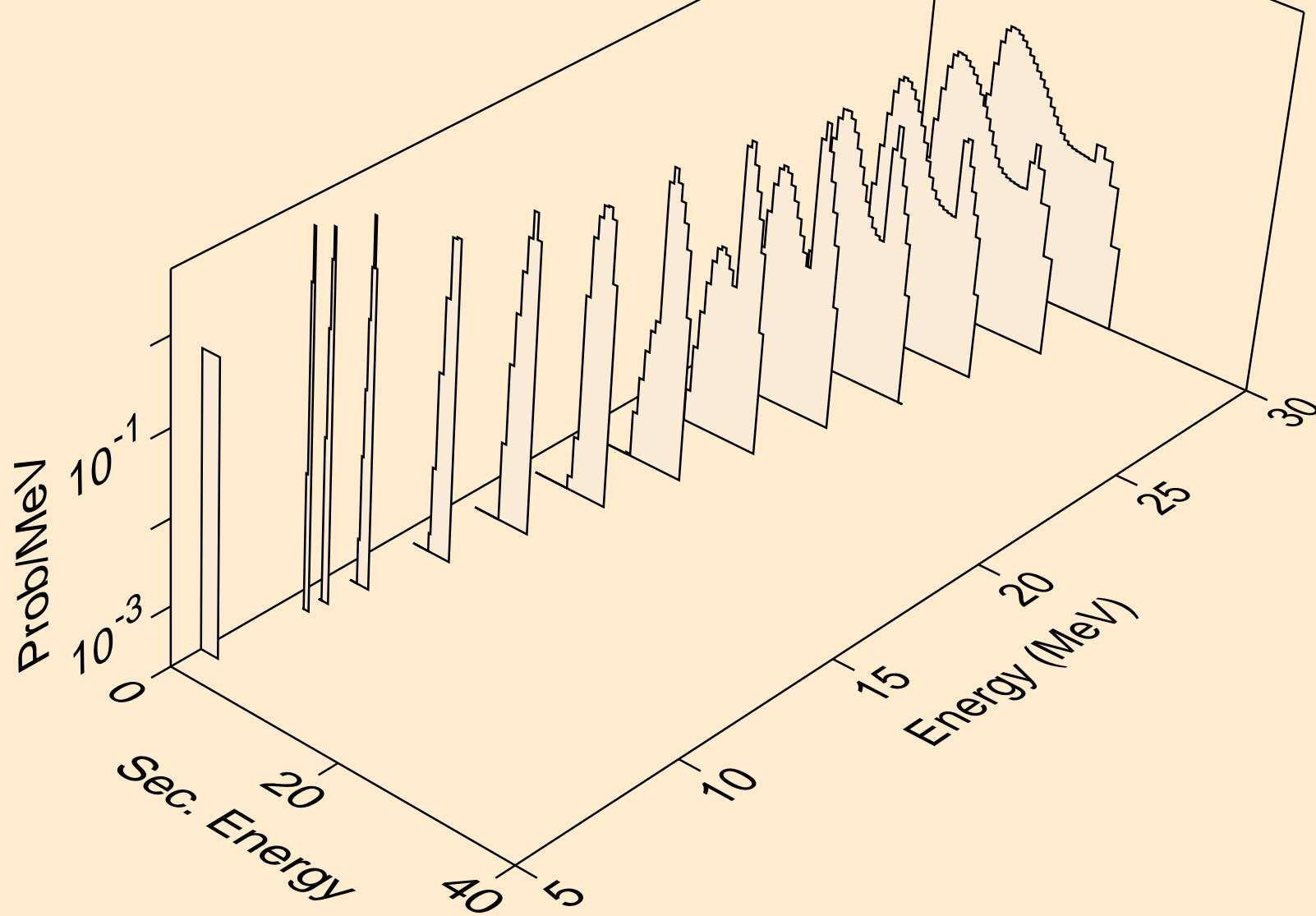
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,d)



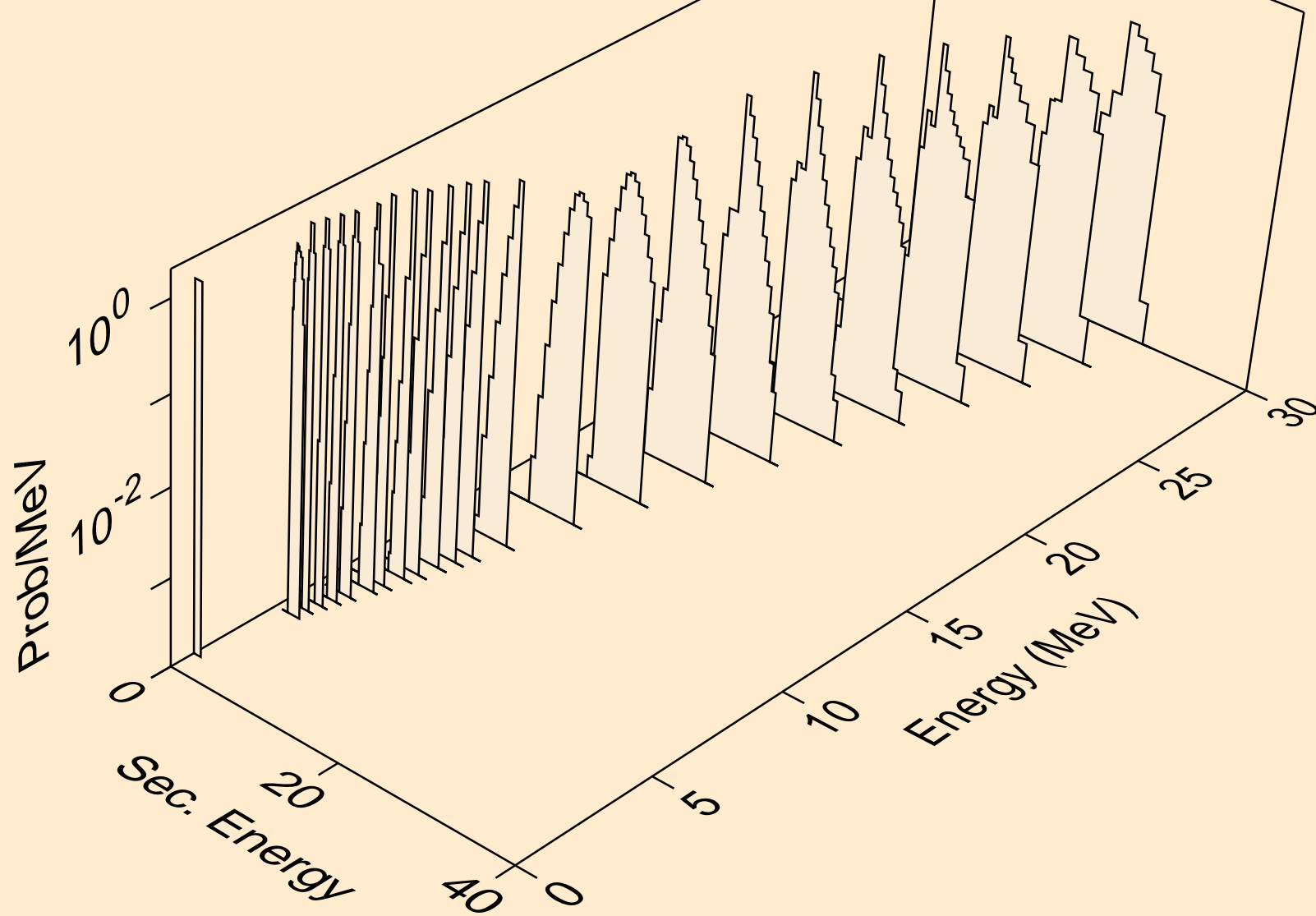
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,x)



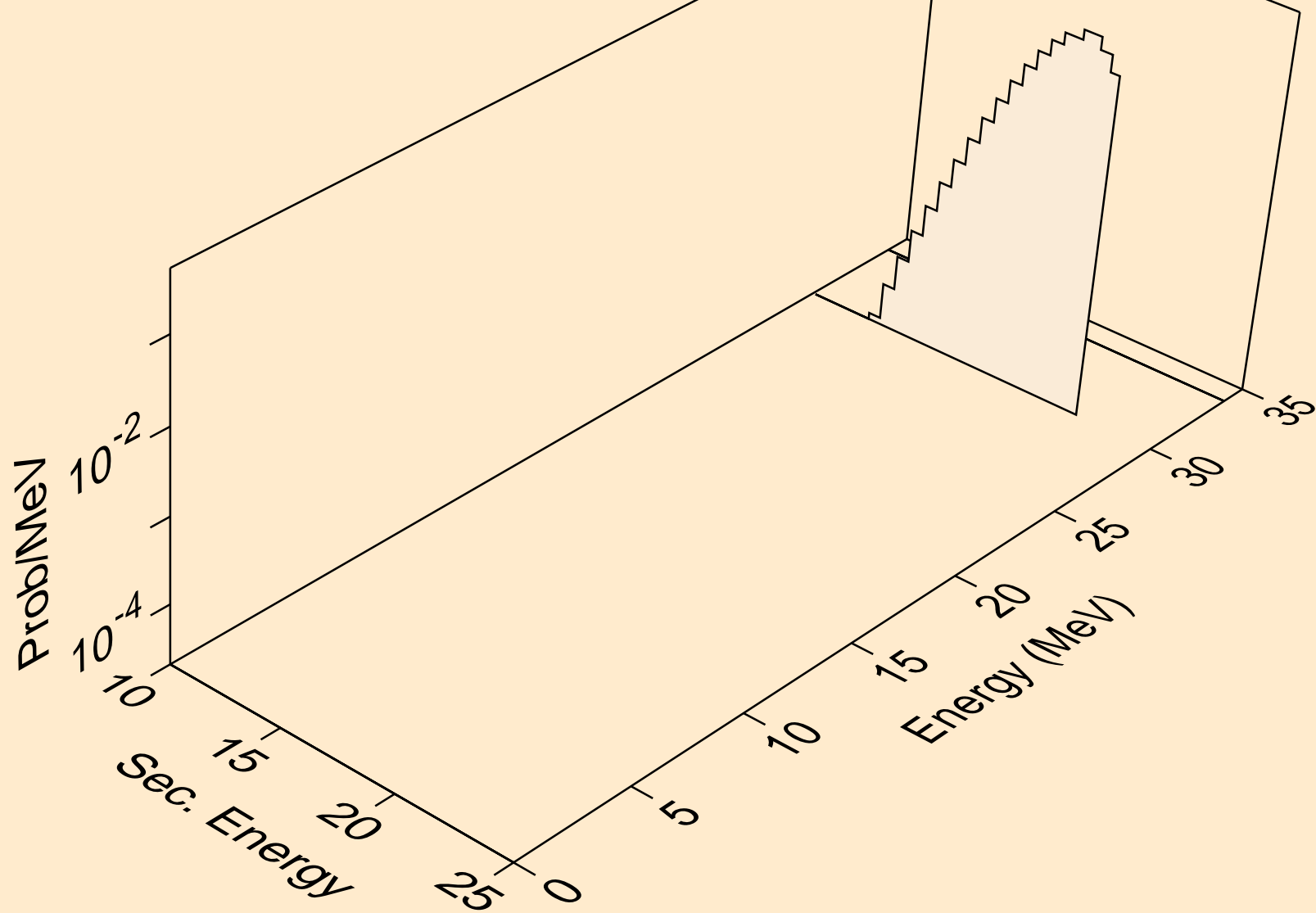
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,n\*)t



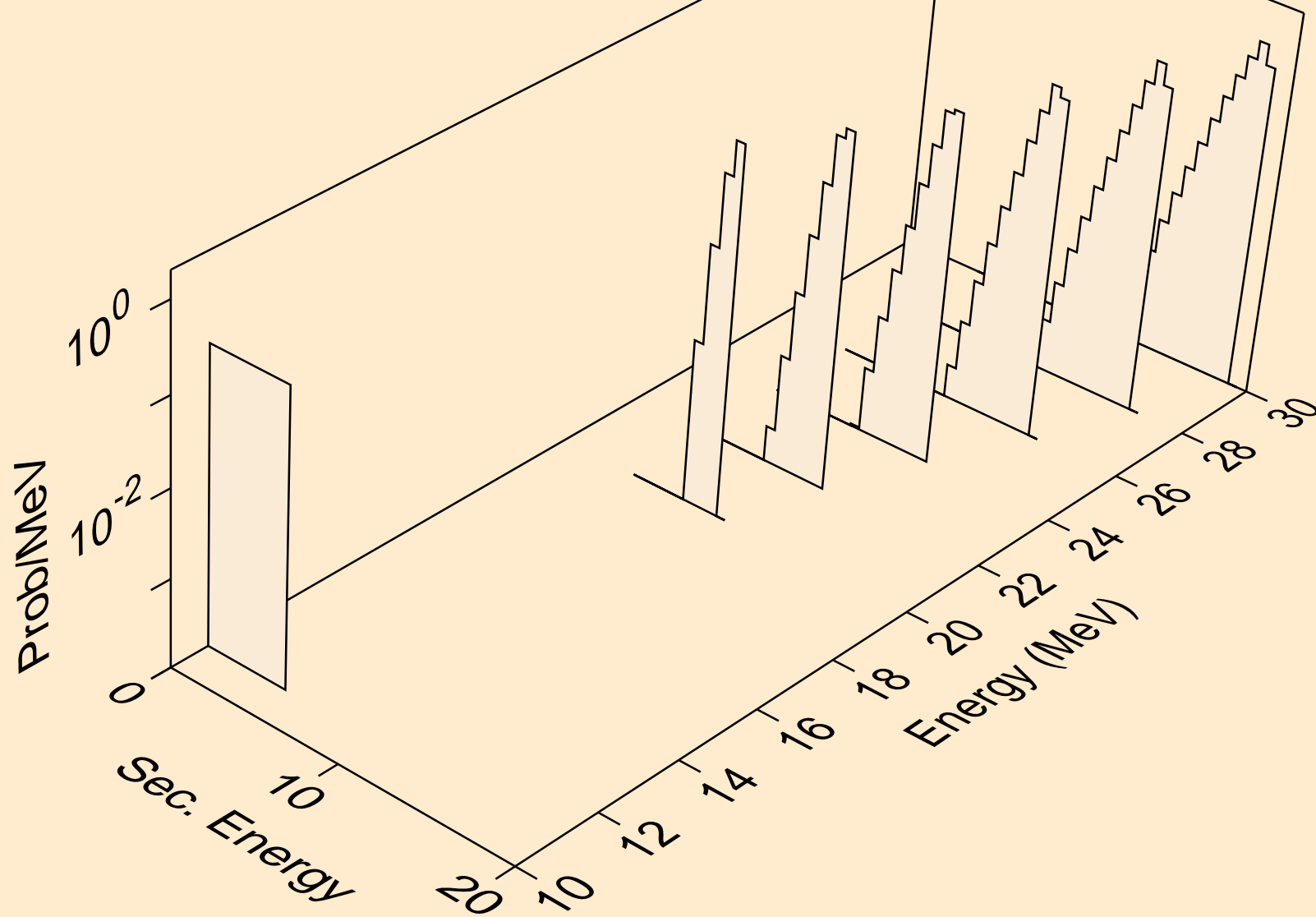
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,t)



BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,x)

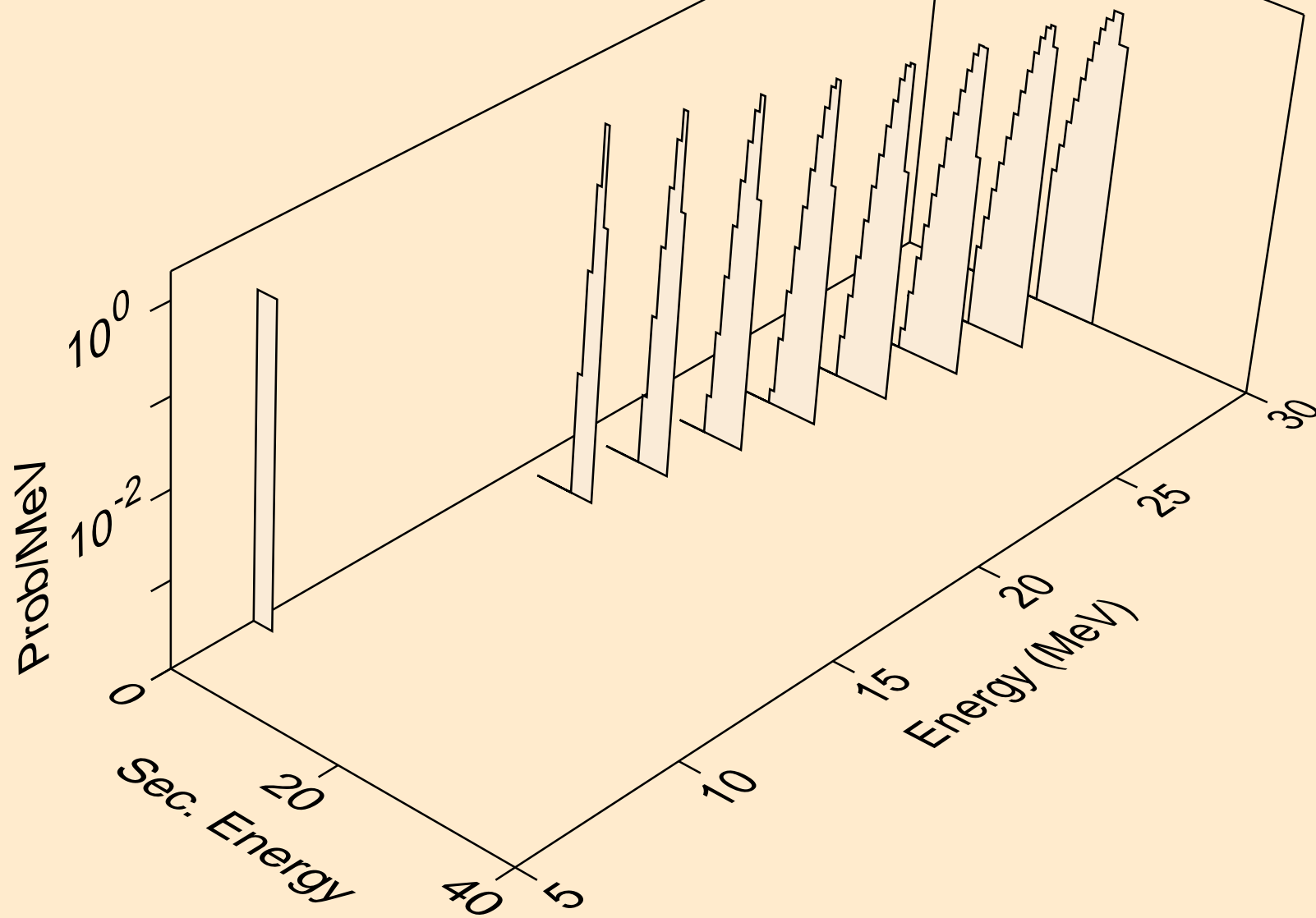


BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,n\*)he3

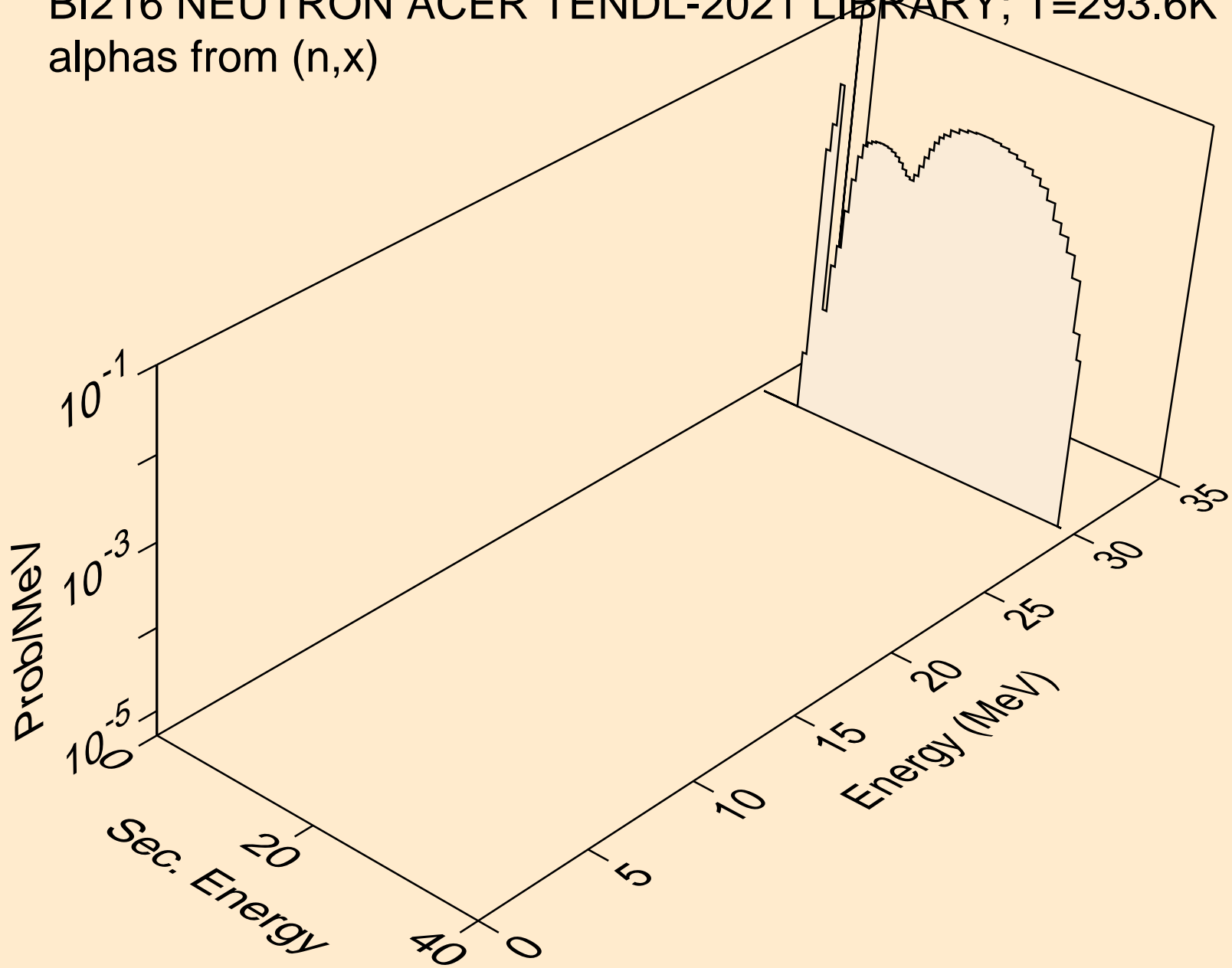




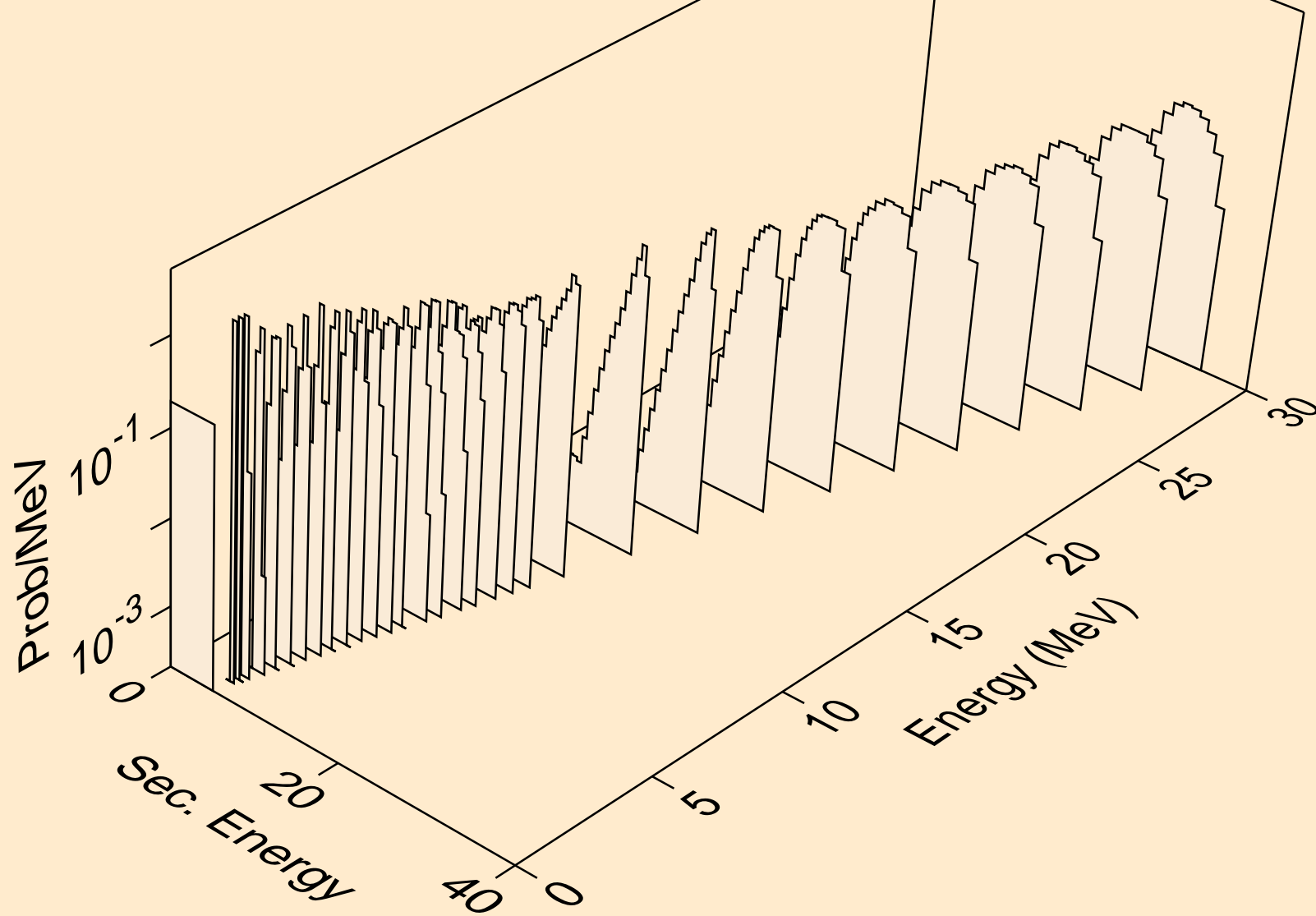
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,he3)



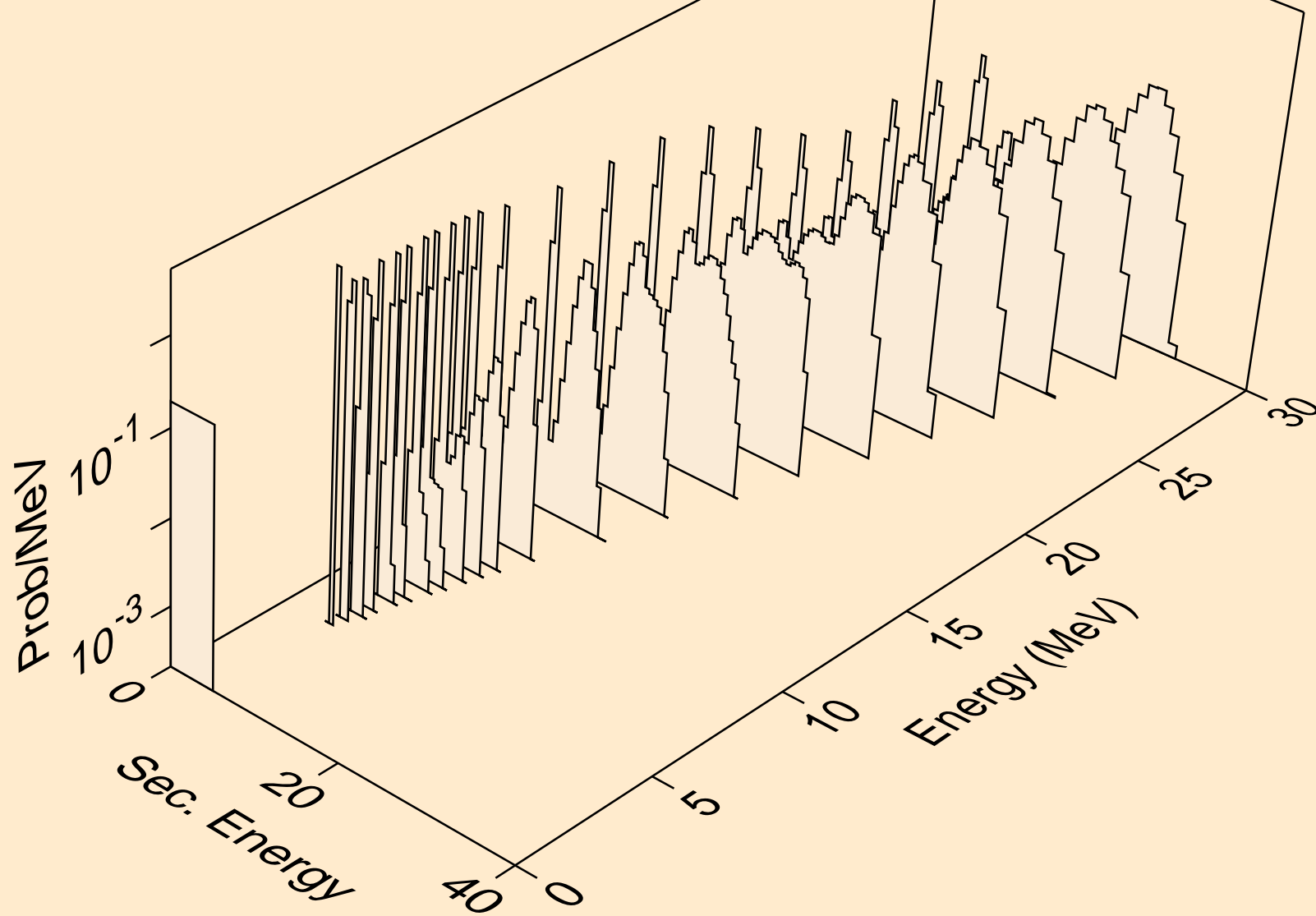
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,x)



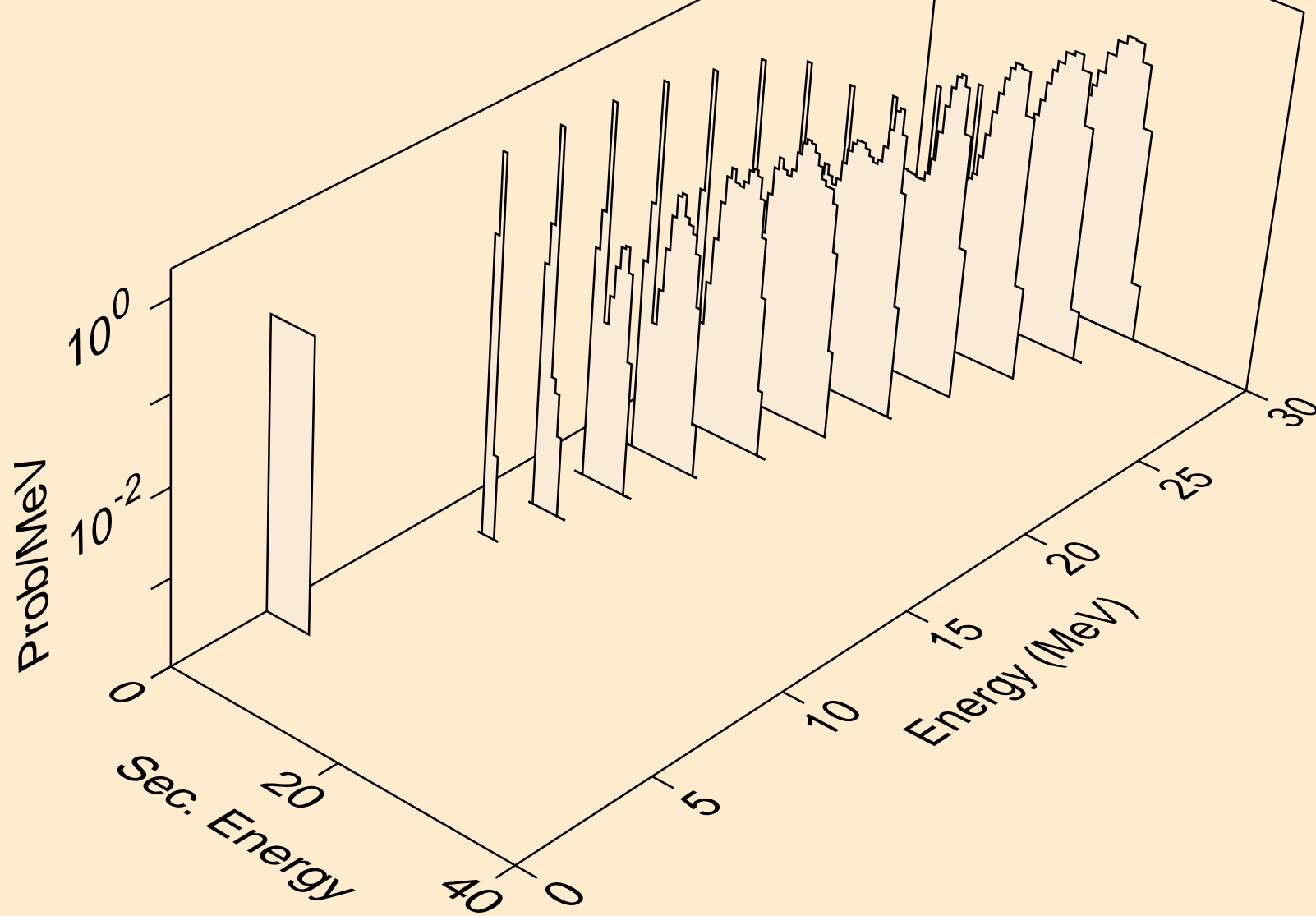
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)a



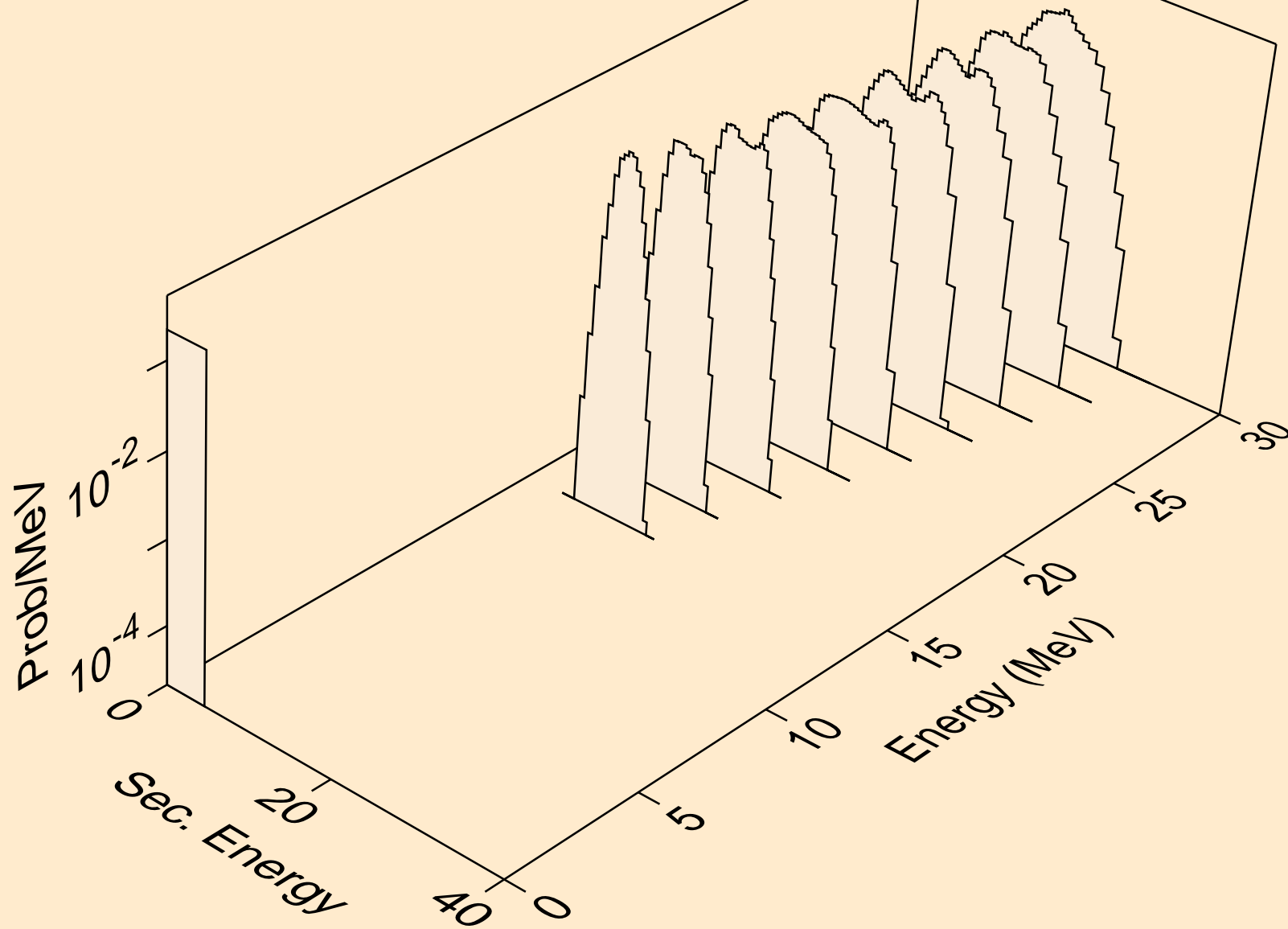
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)a



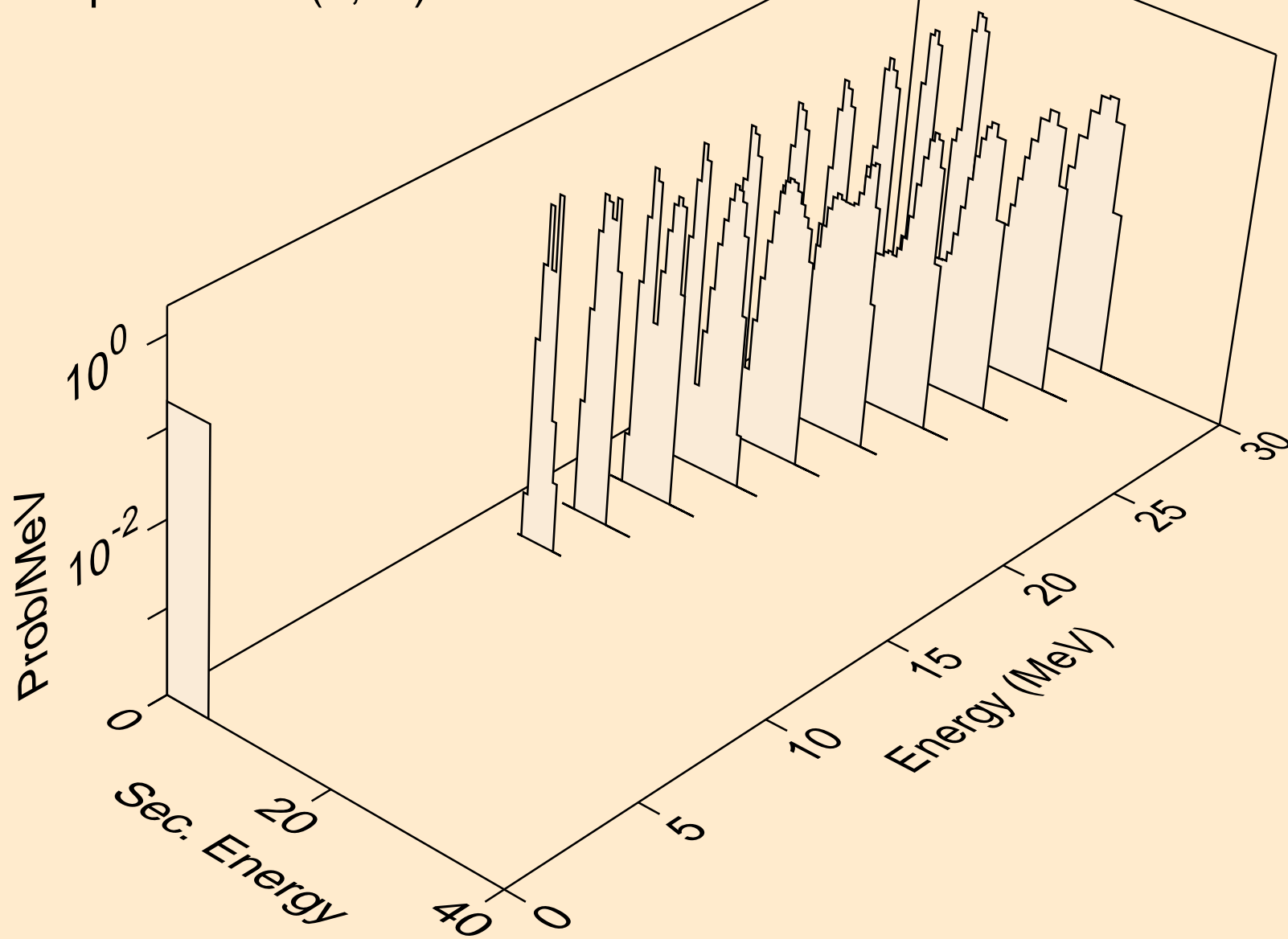
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3n)a



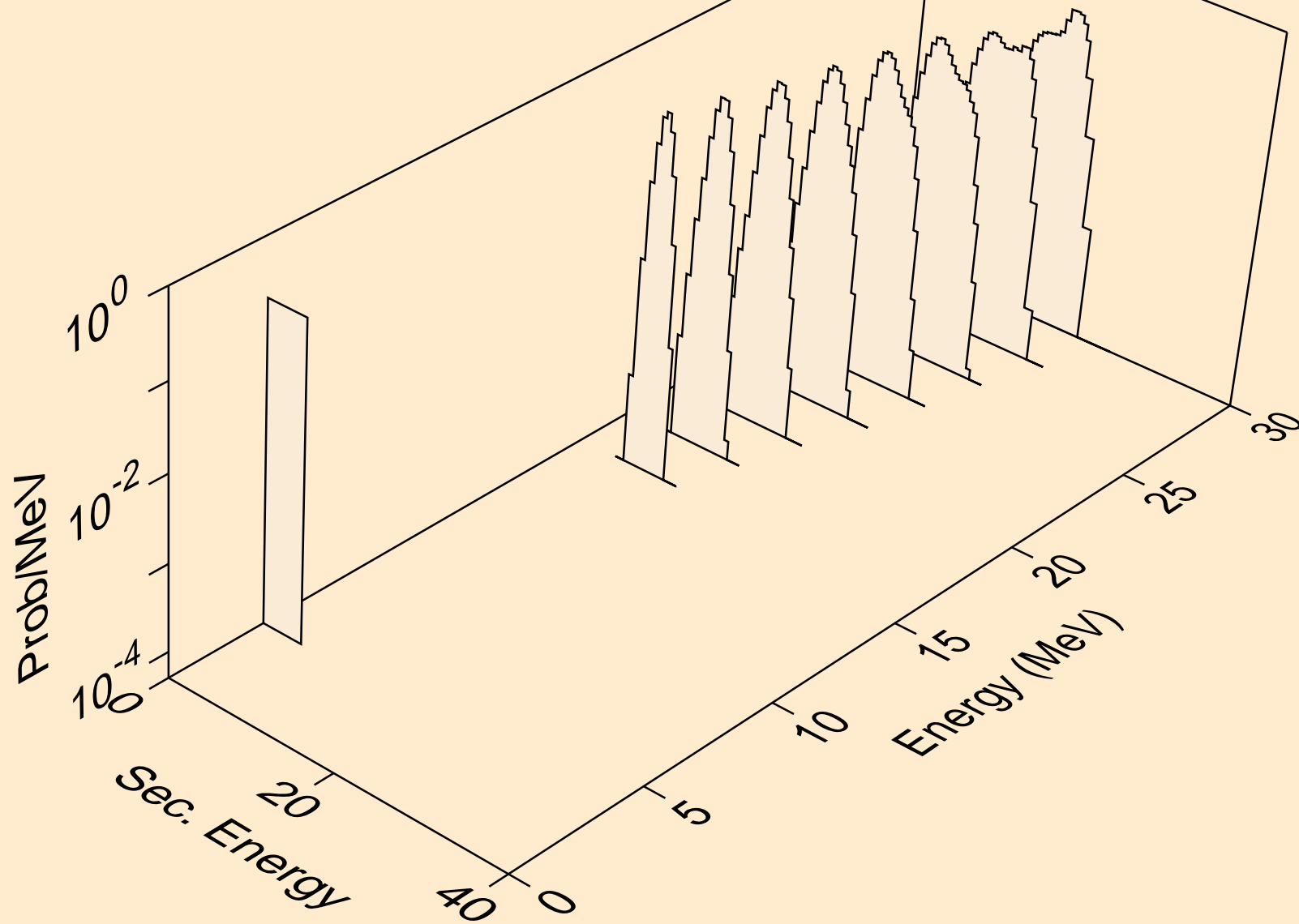
BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)2a



BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)2a

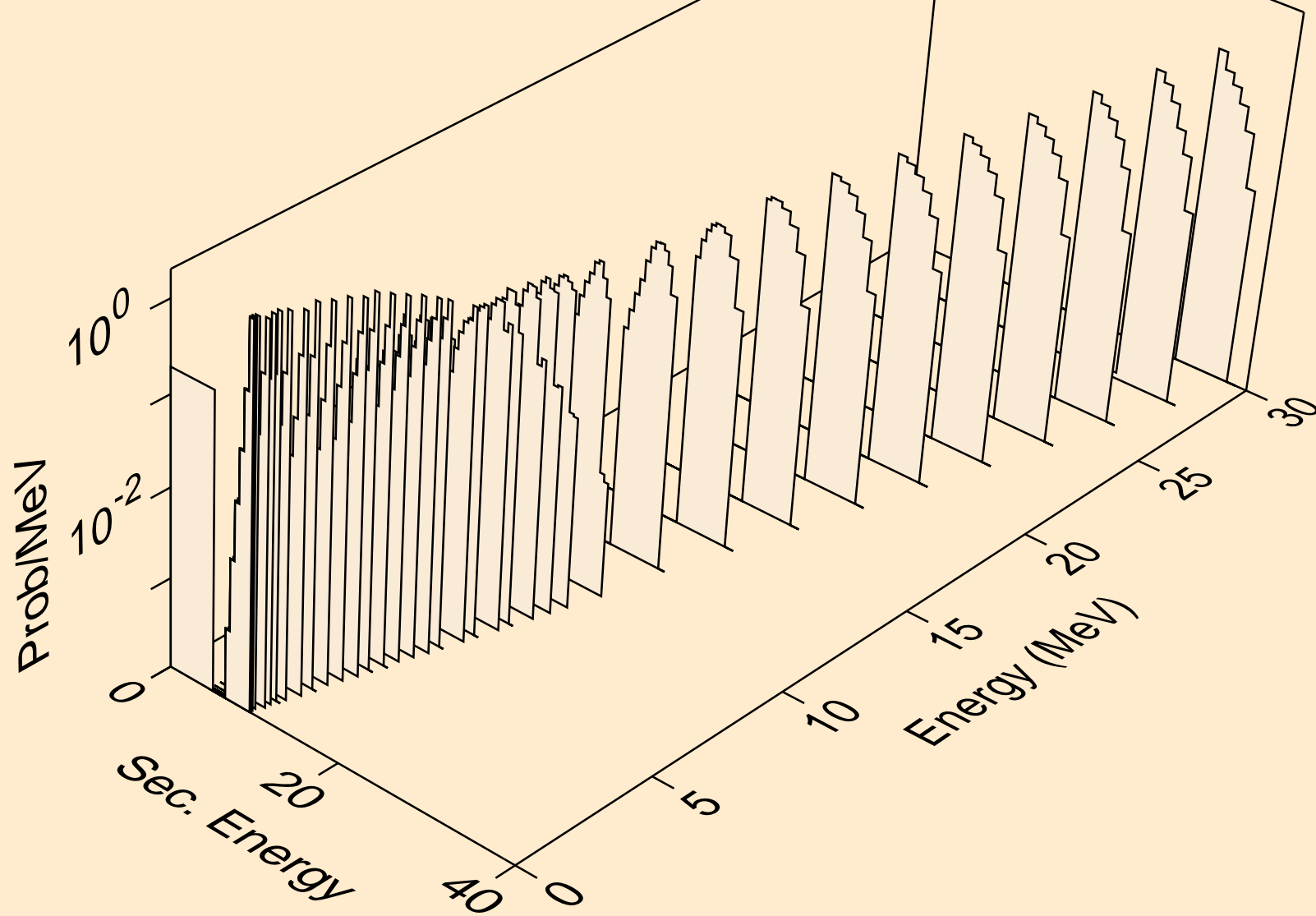


BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,npa)

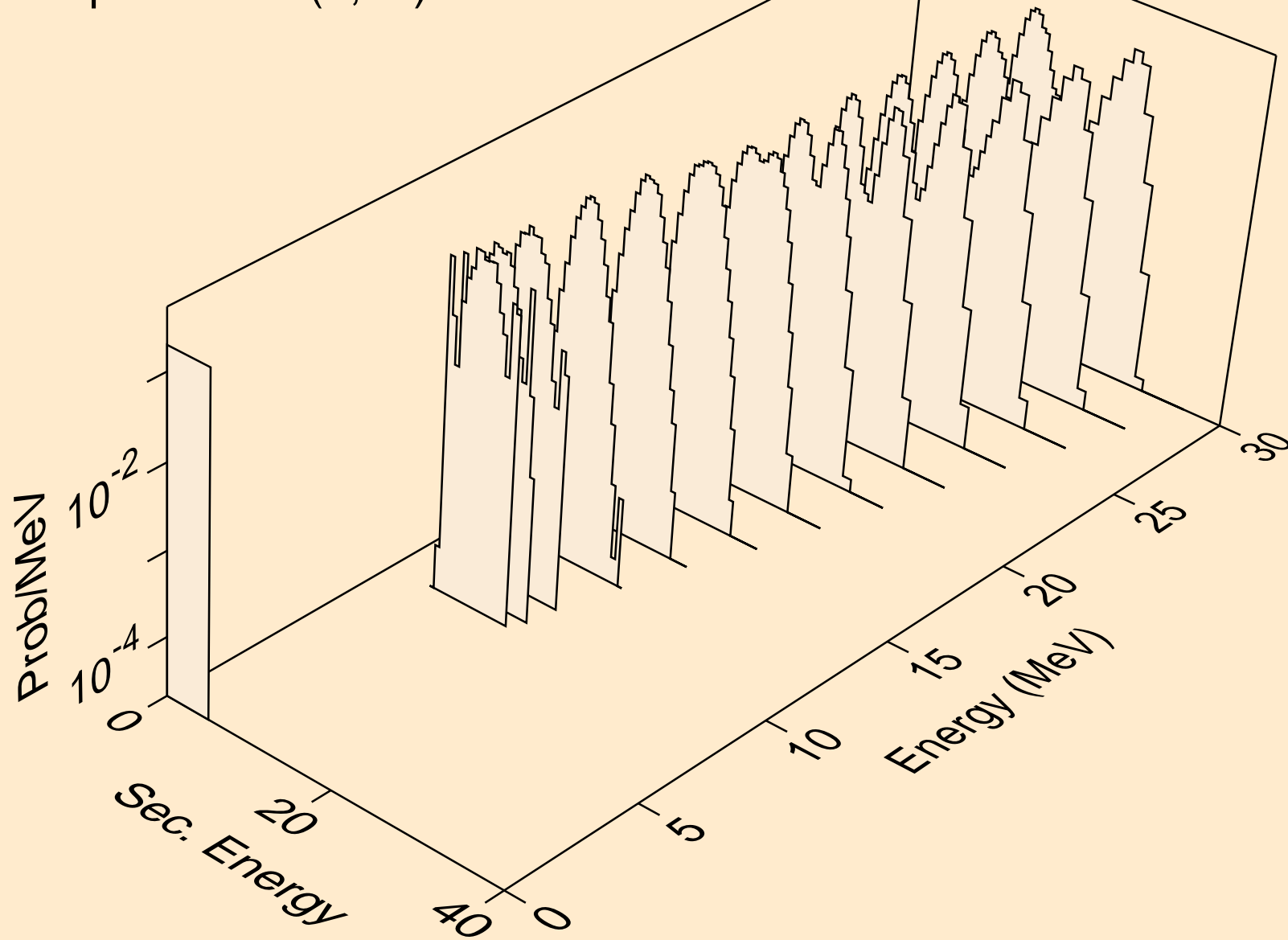




BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)



BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2a)



BI216 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,pa)

