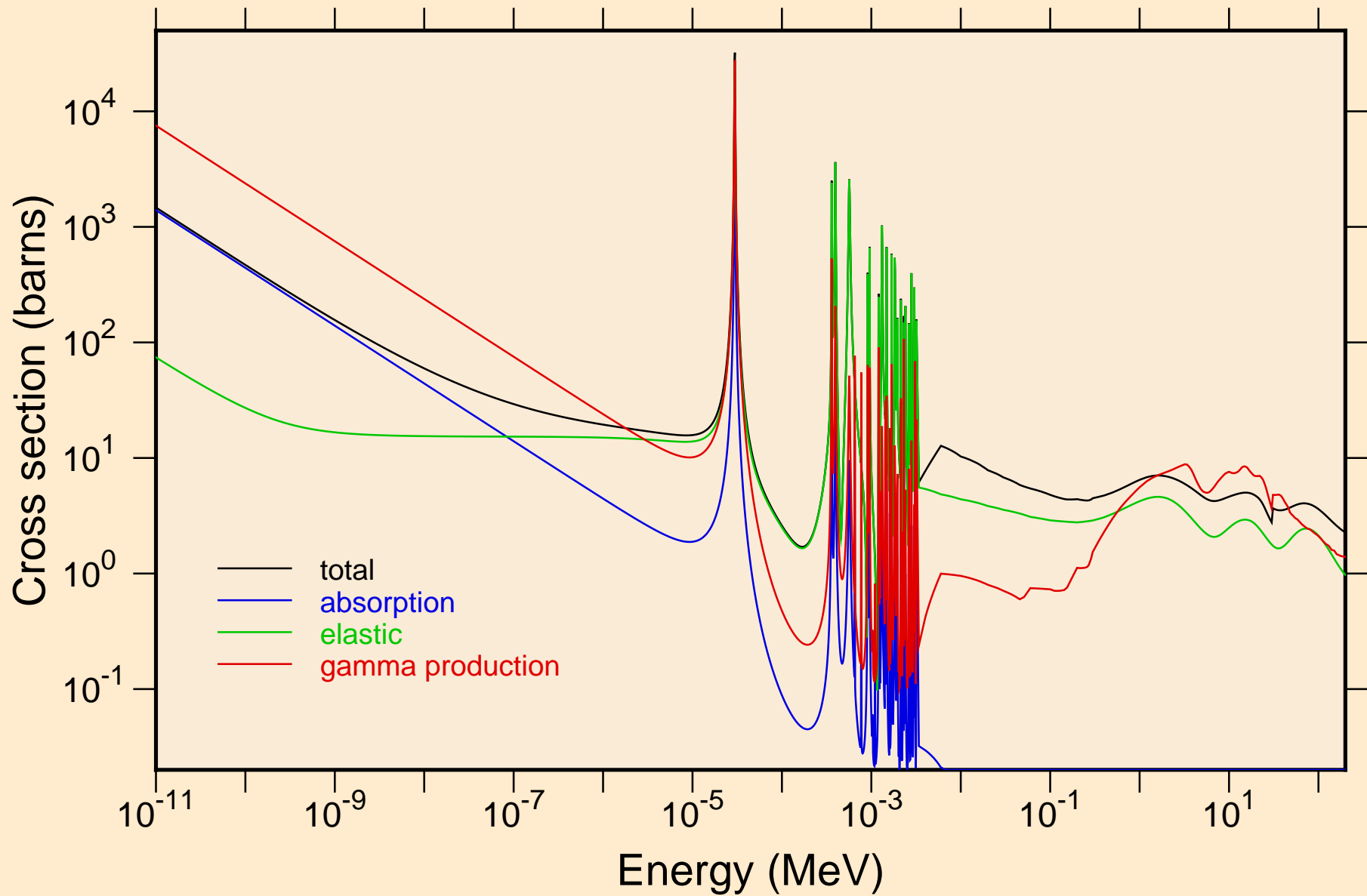
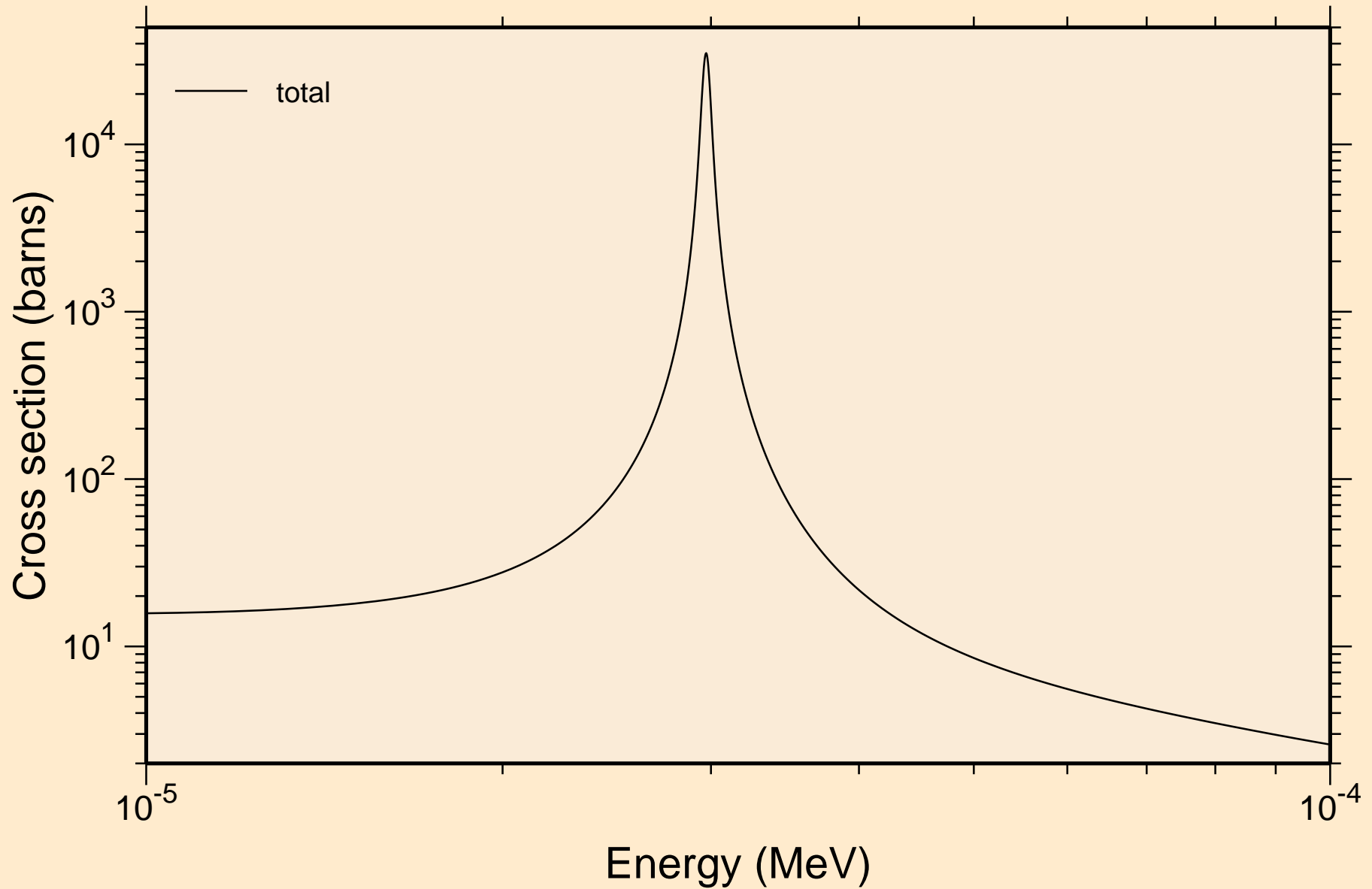


# CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

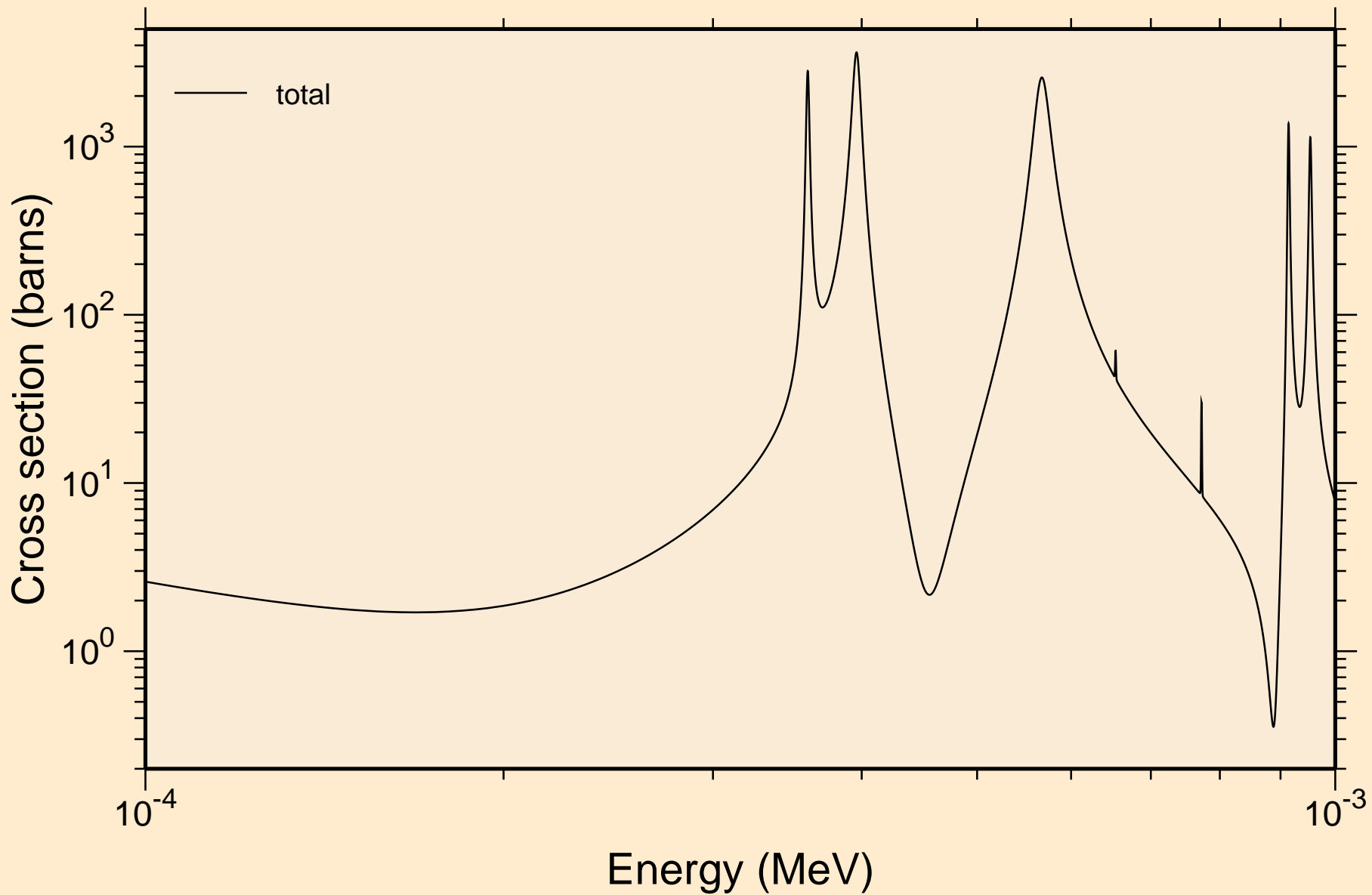
## Principal cross sections



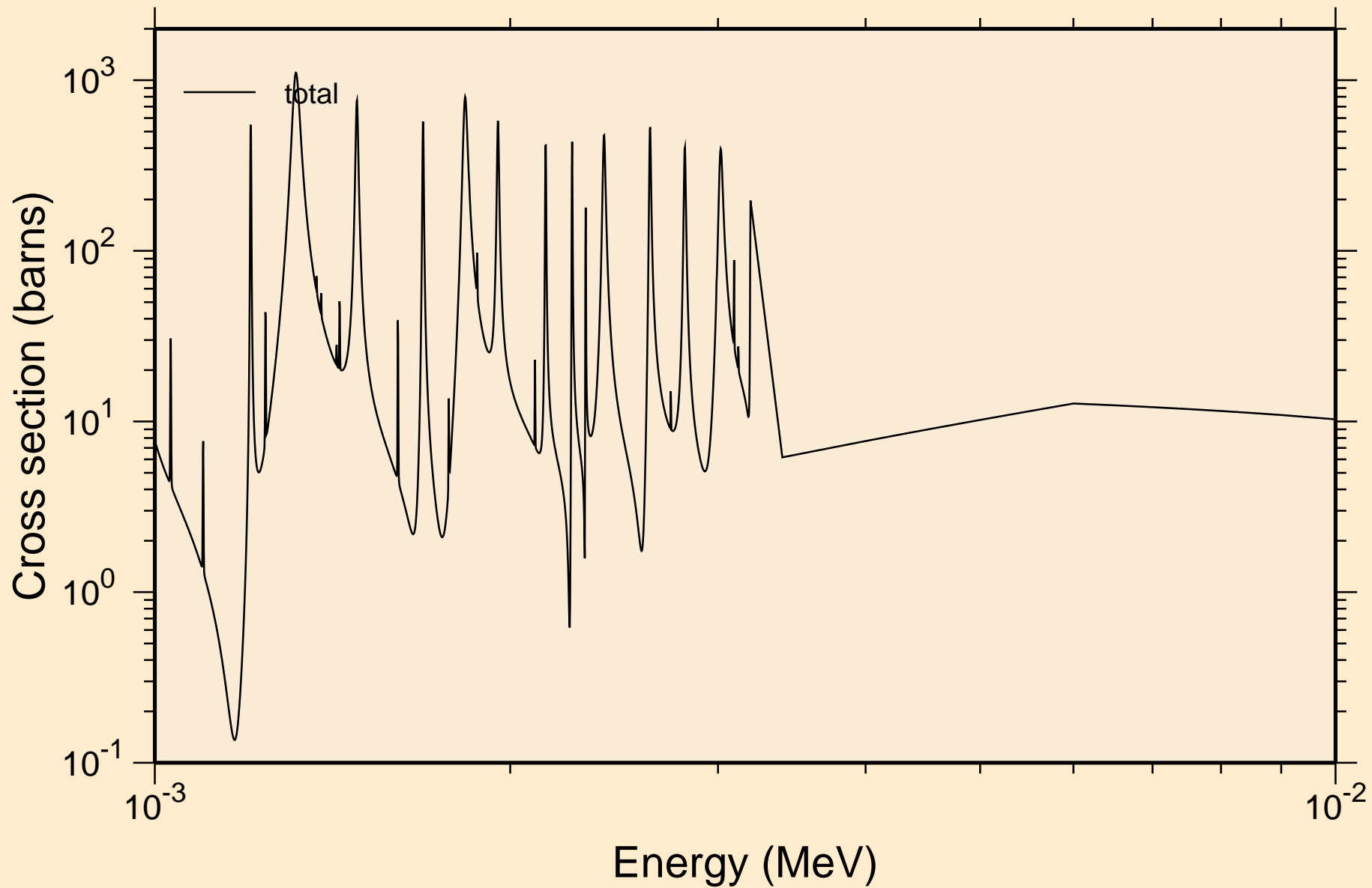
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



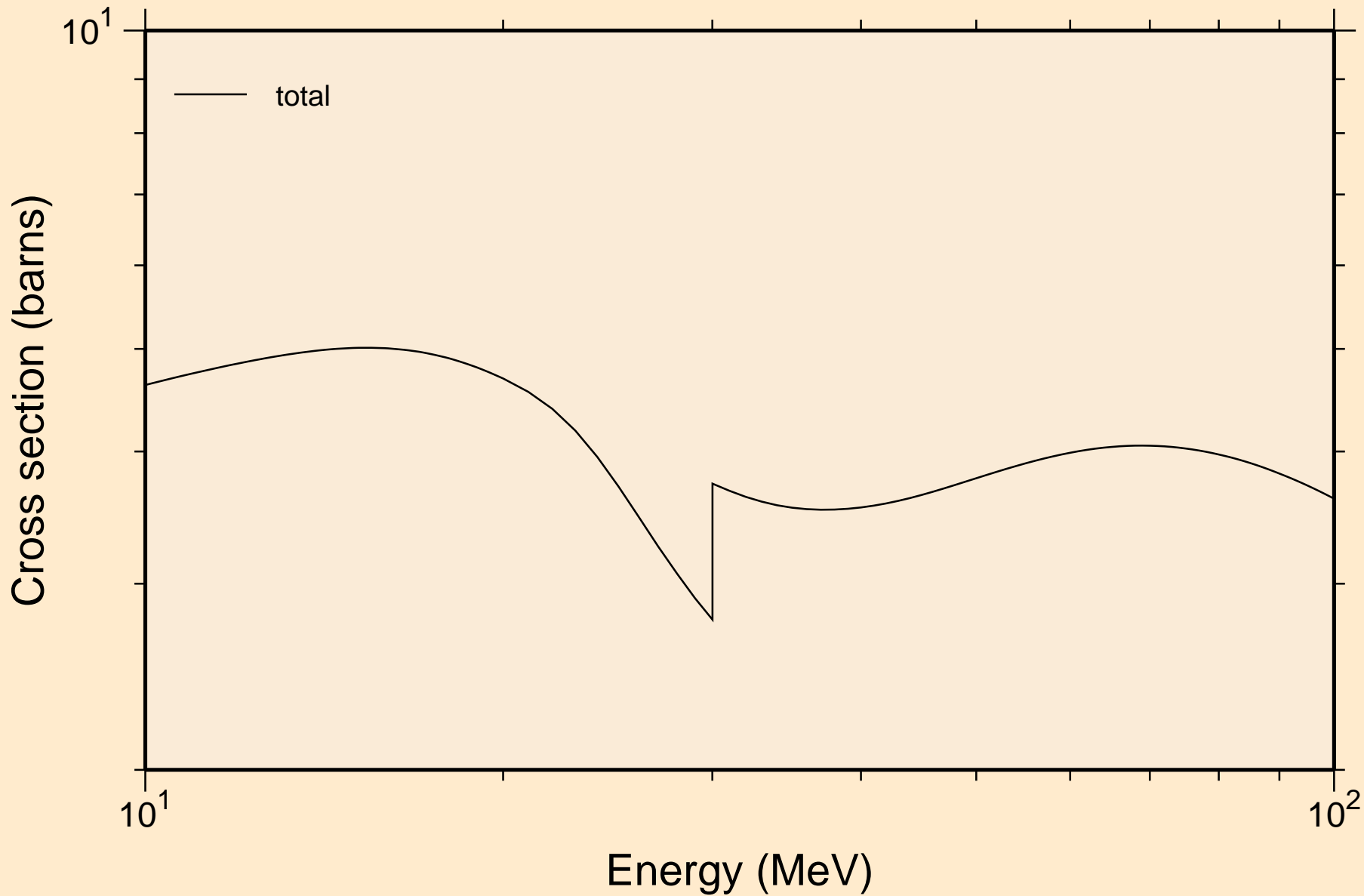
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



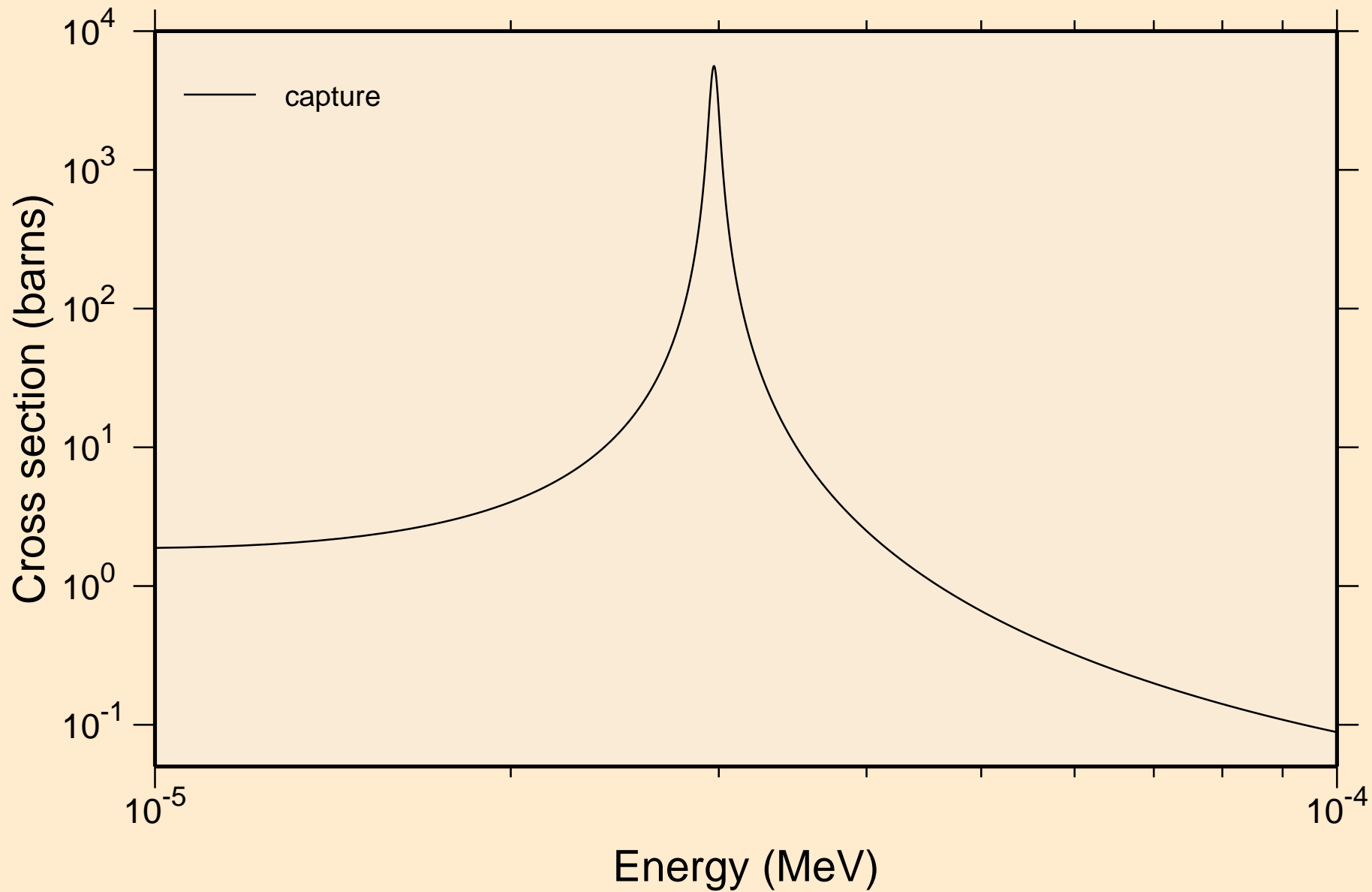
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



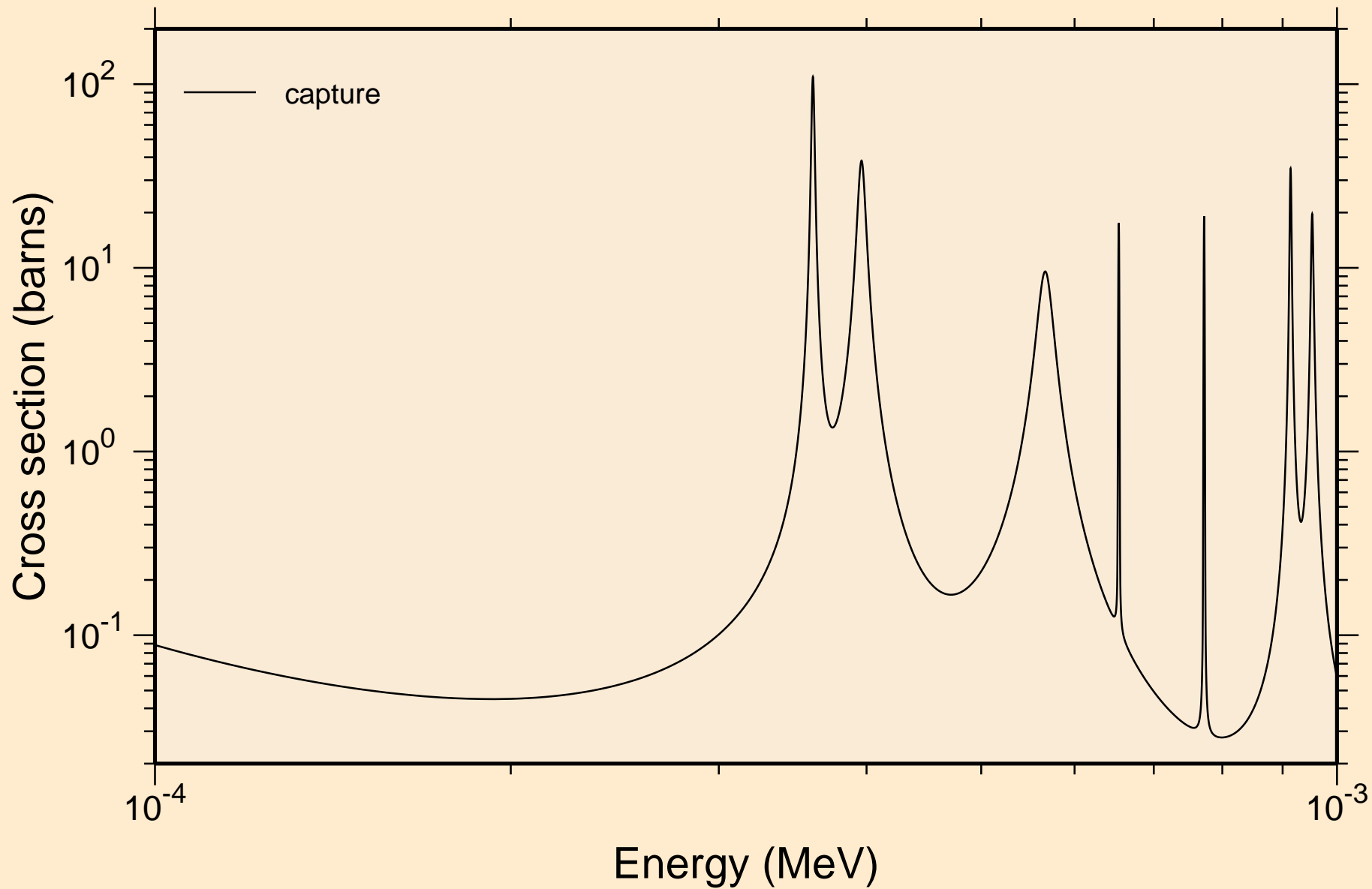
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



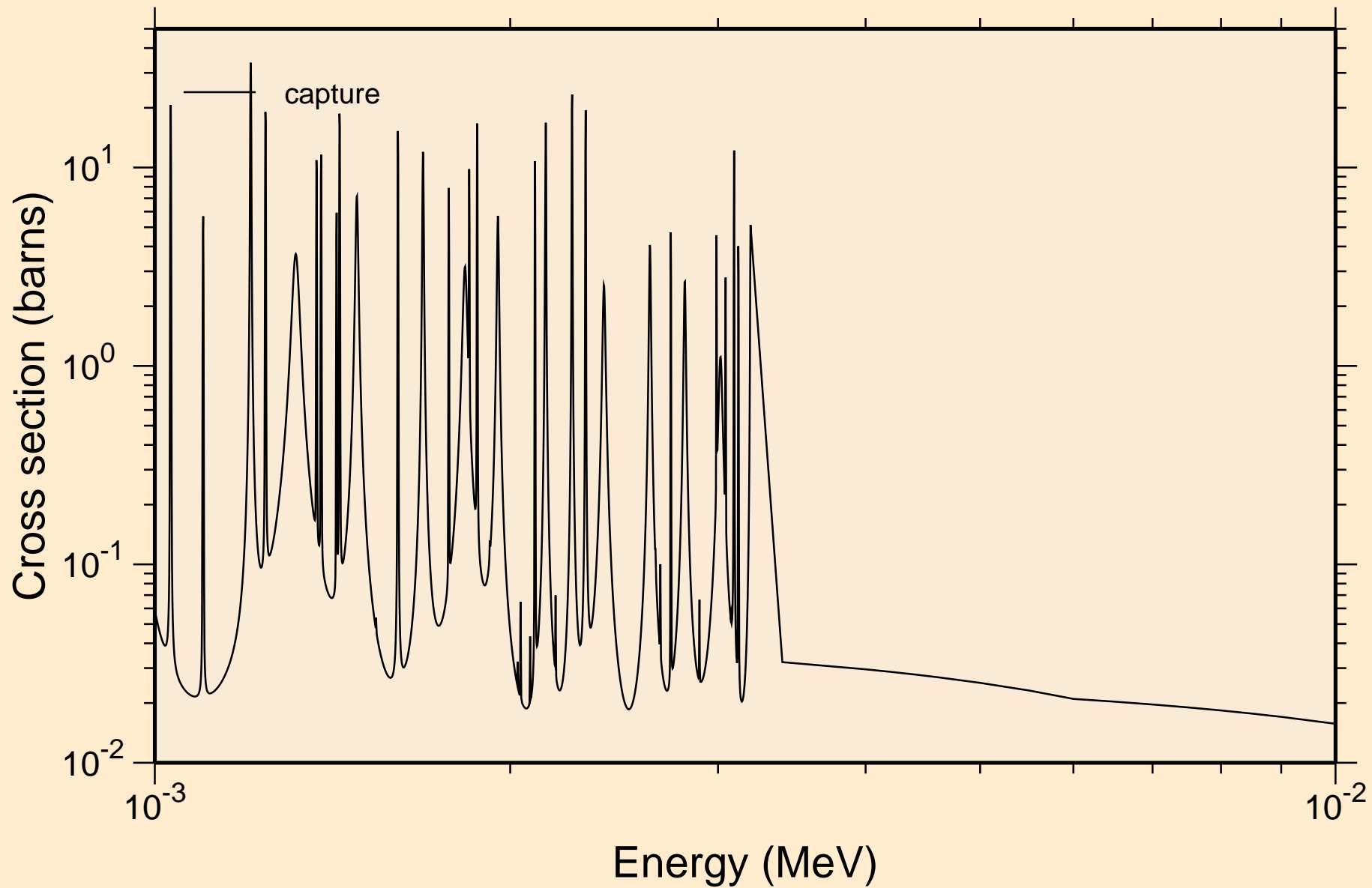
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

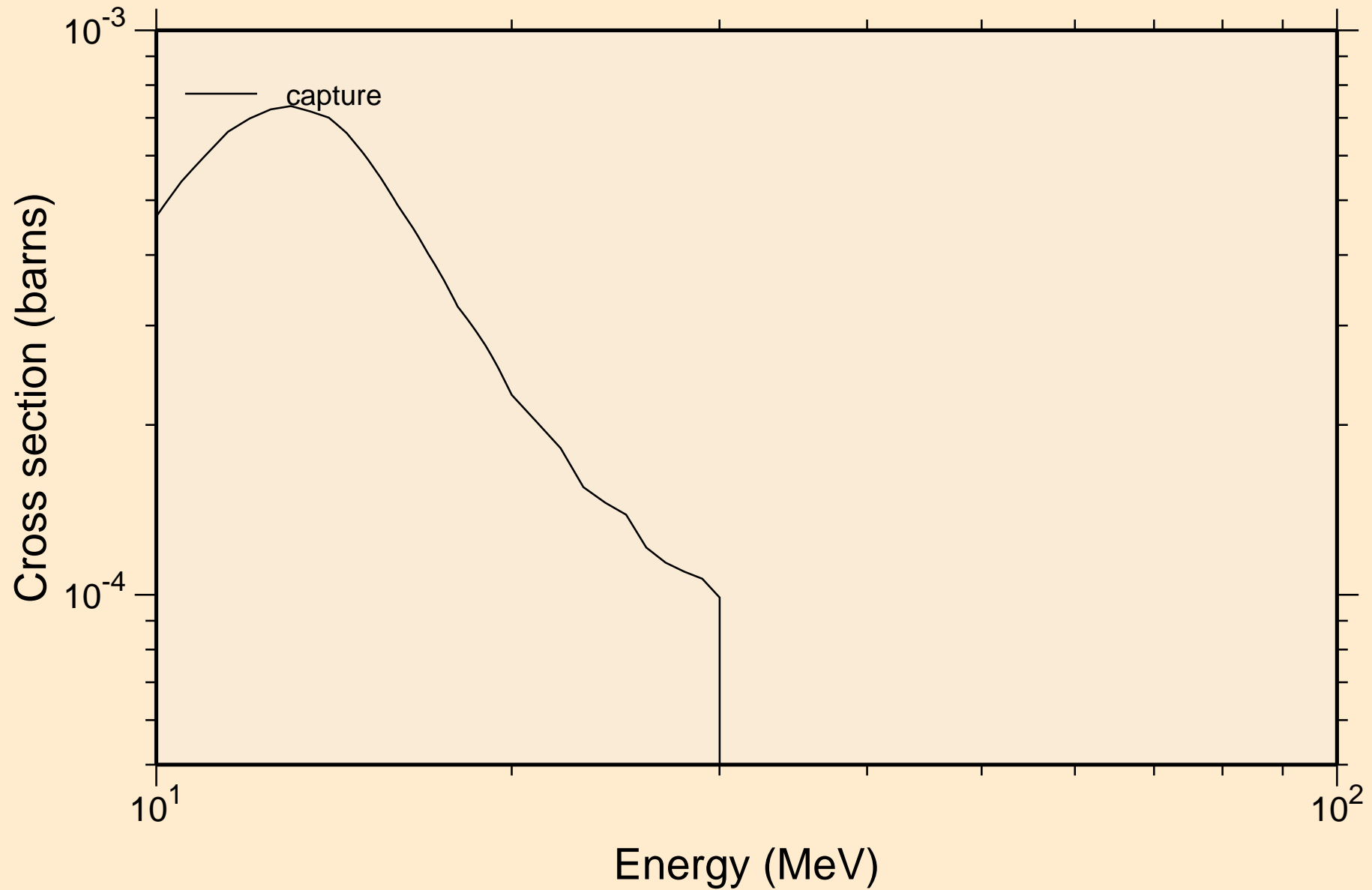


CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

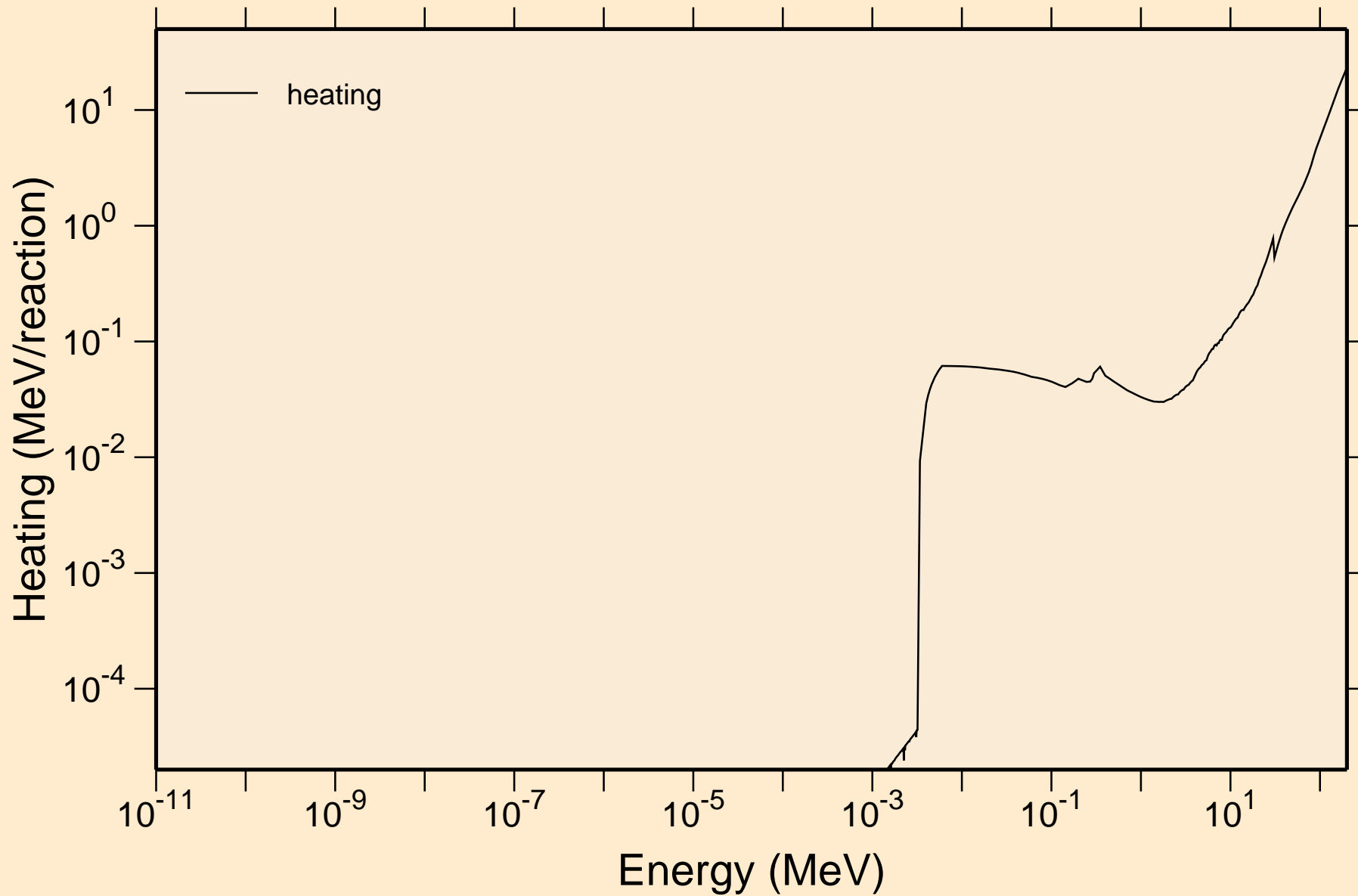




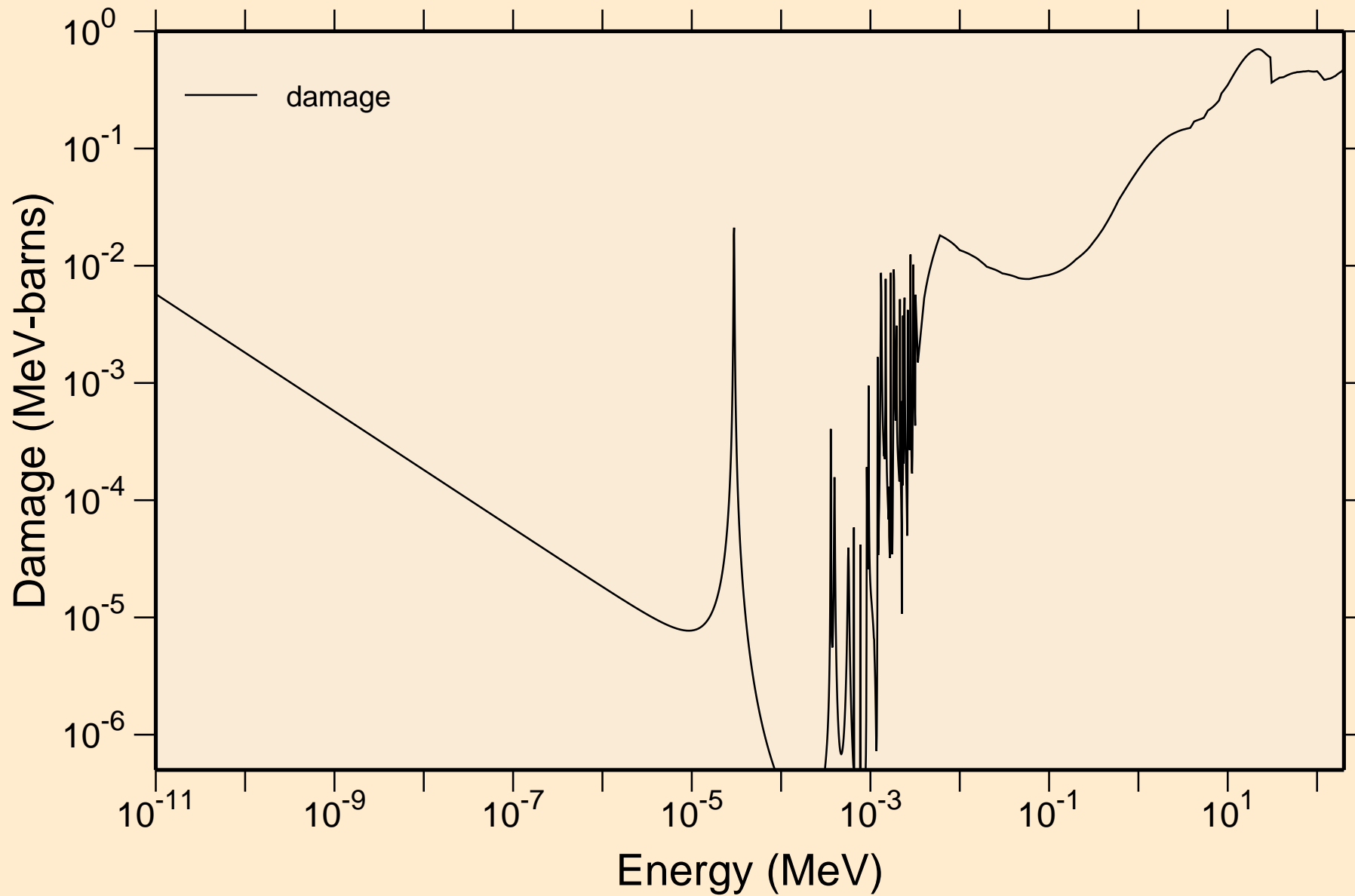
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



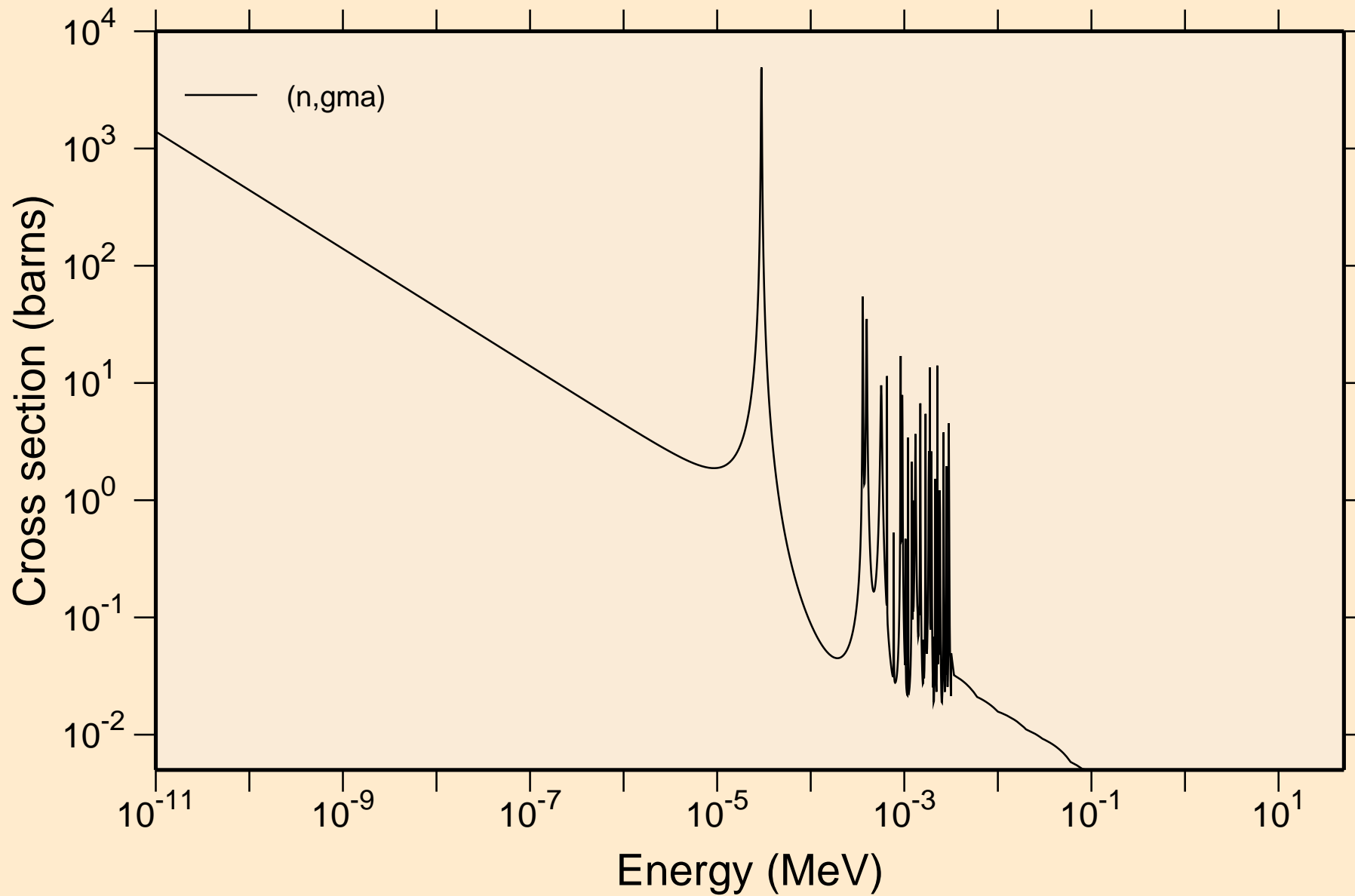
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



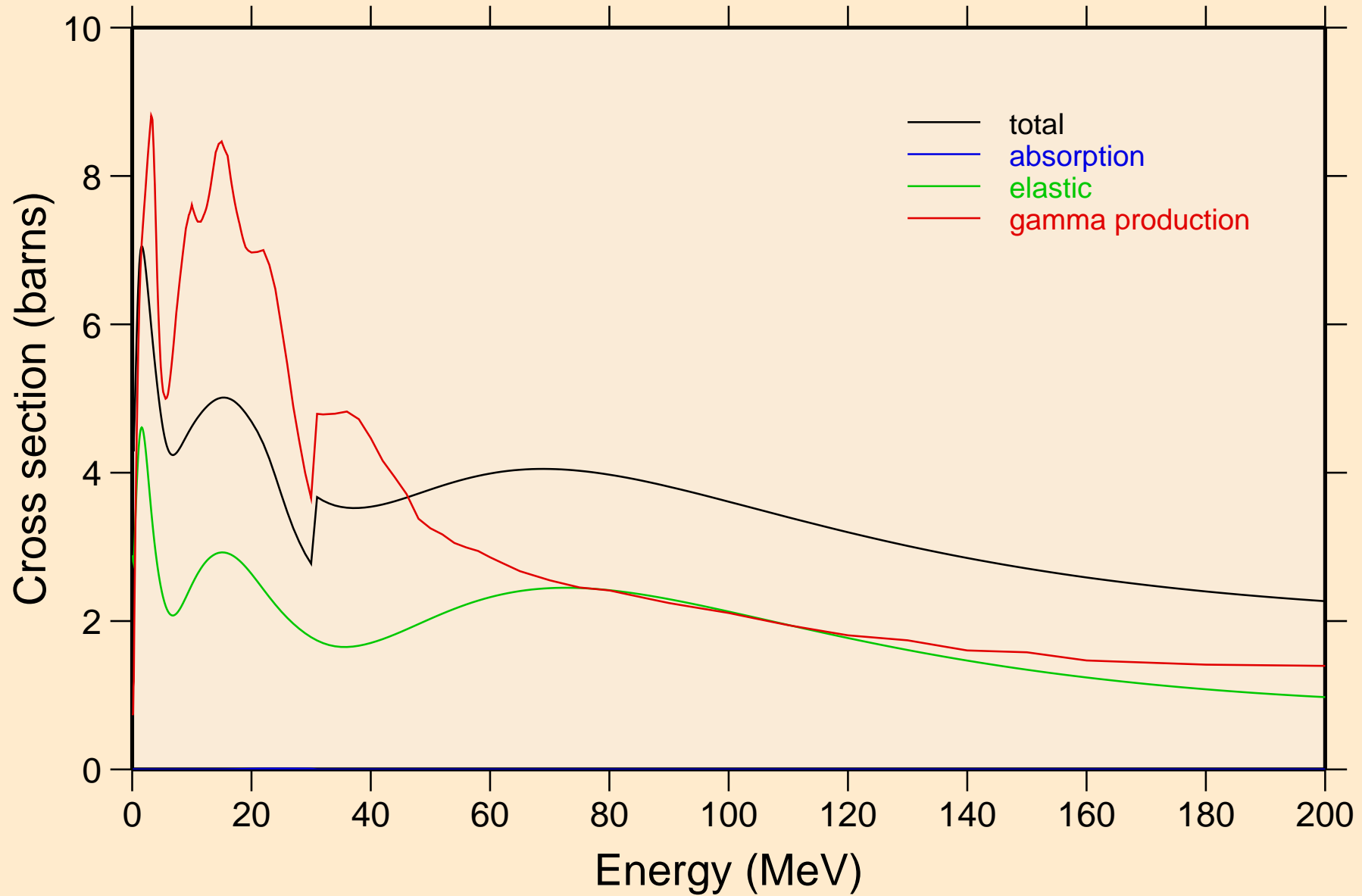
# CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K Damage



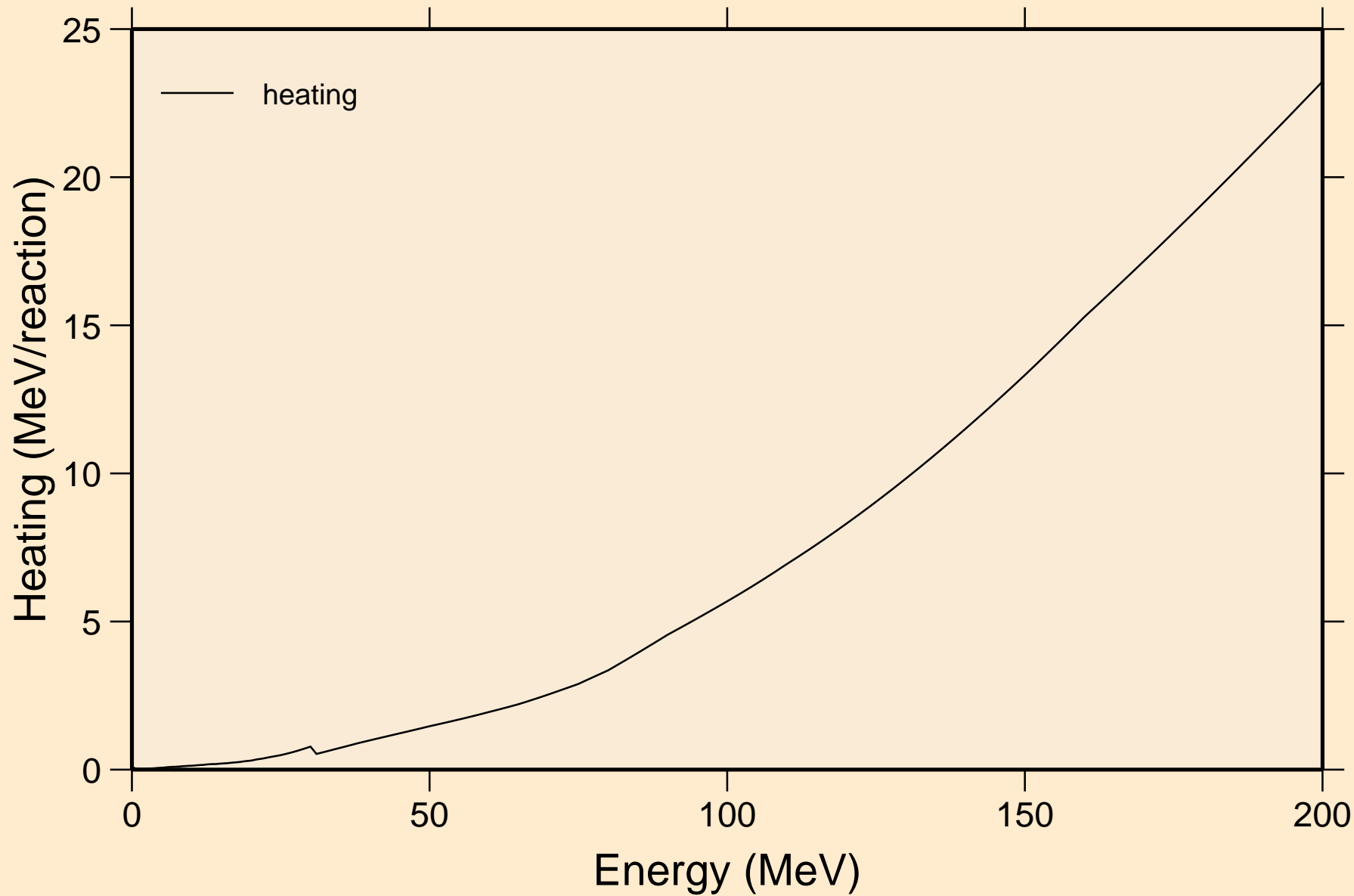
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



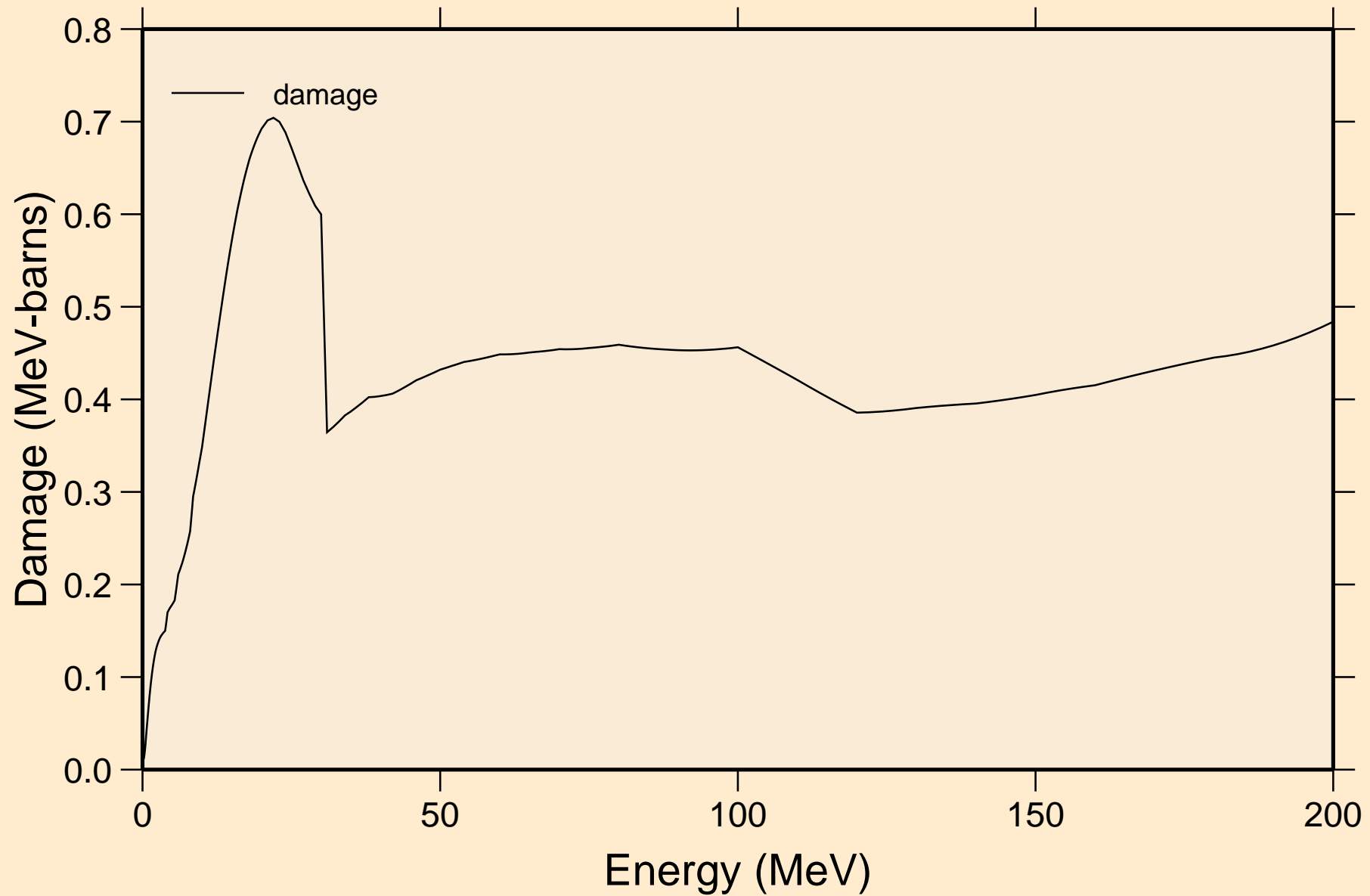
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Principal cross sections



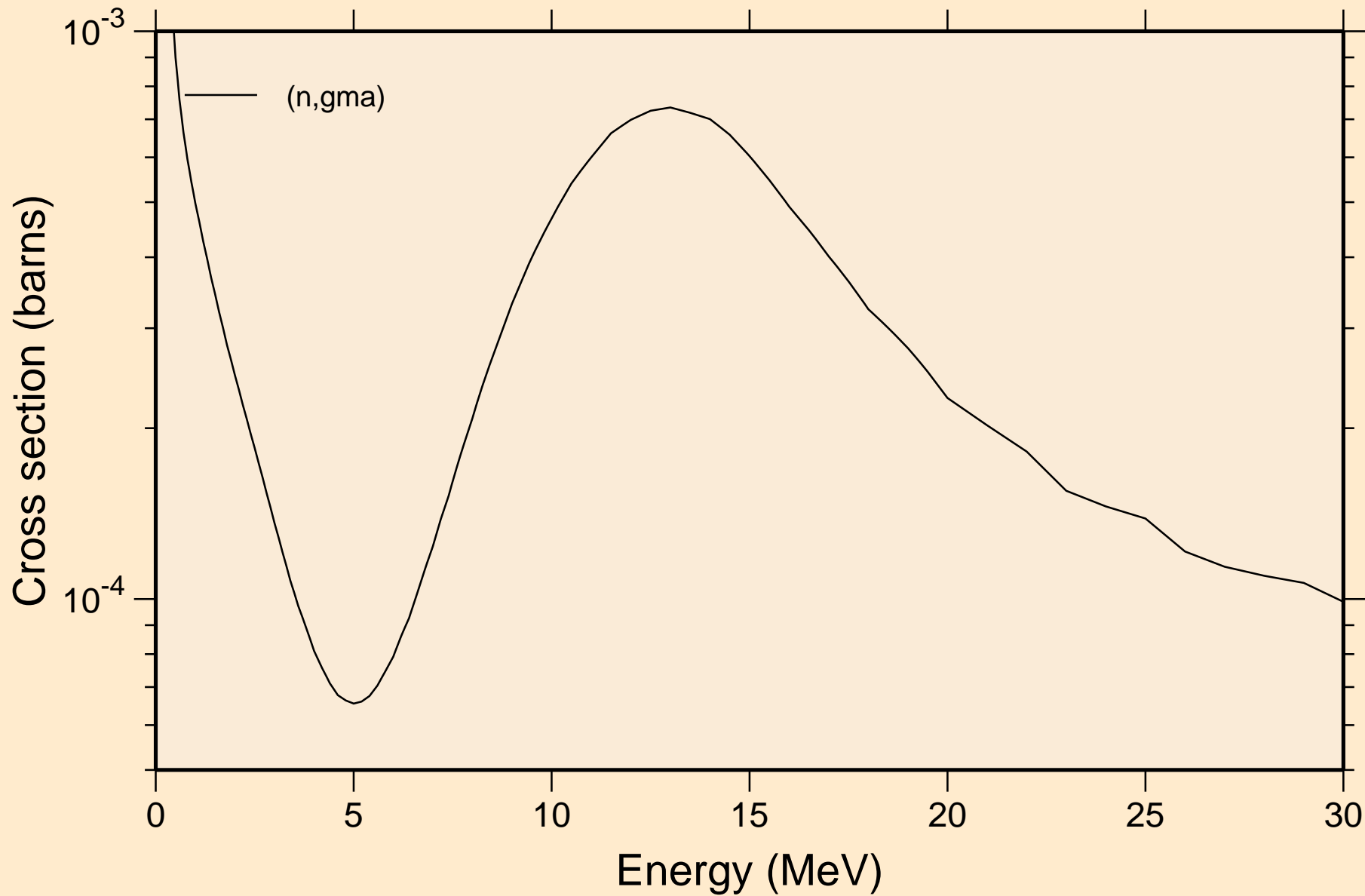
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



# CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K Damage

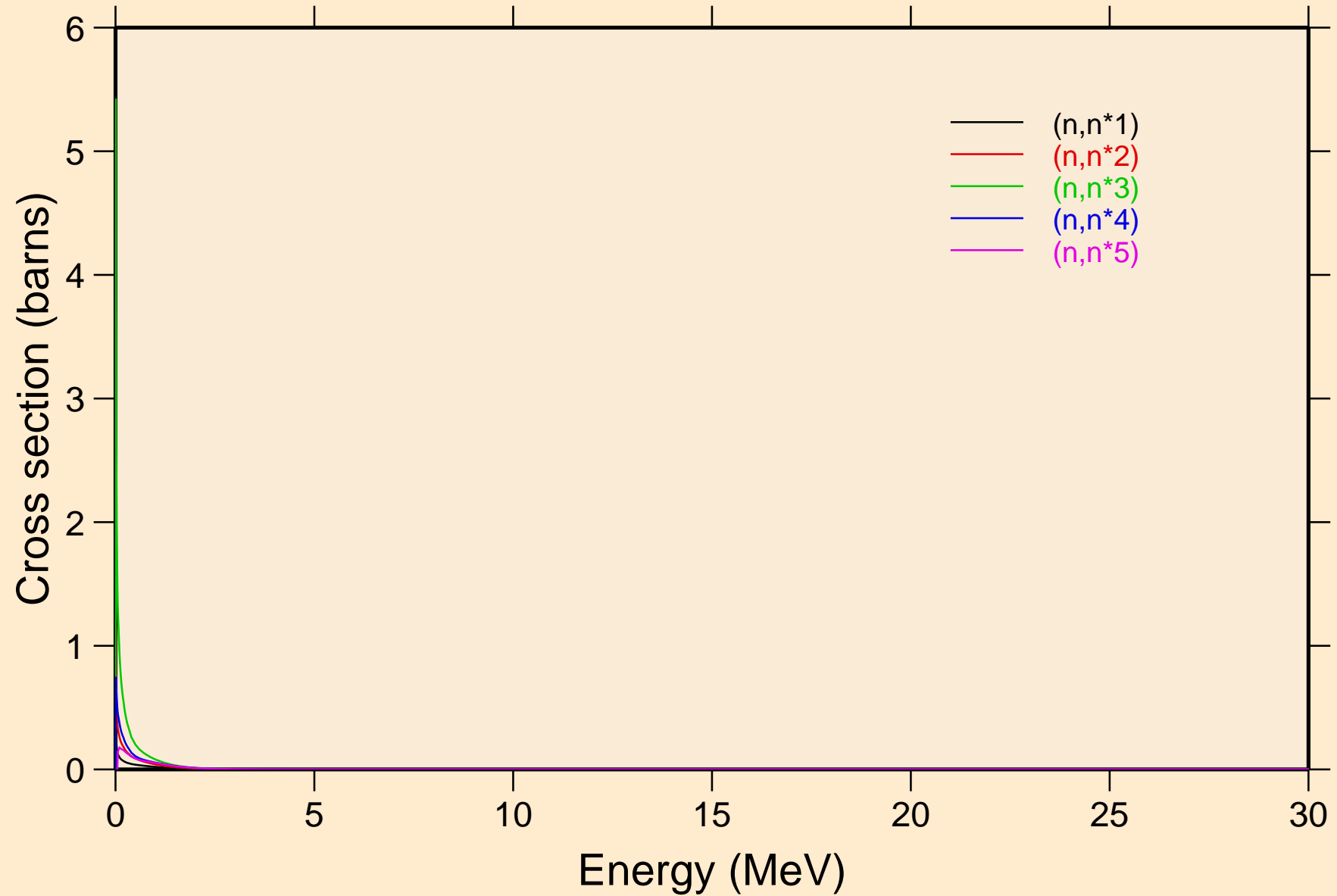


CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions

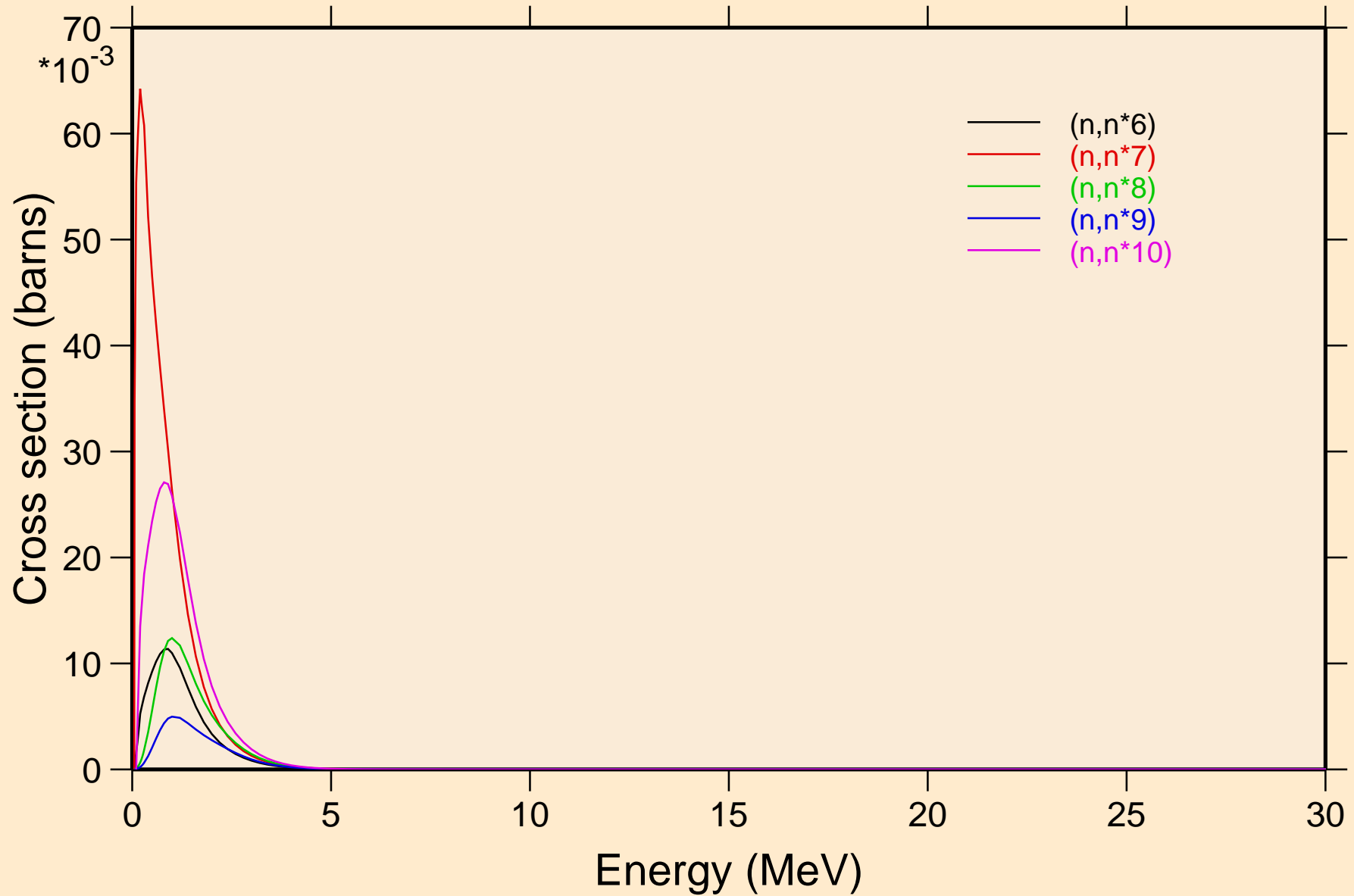




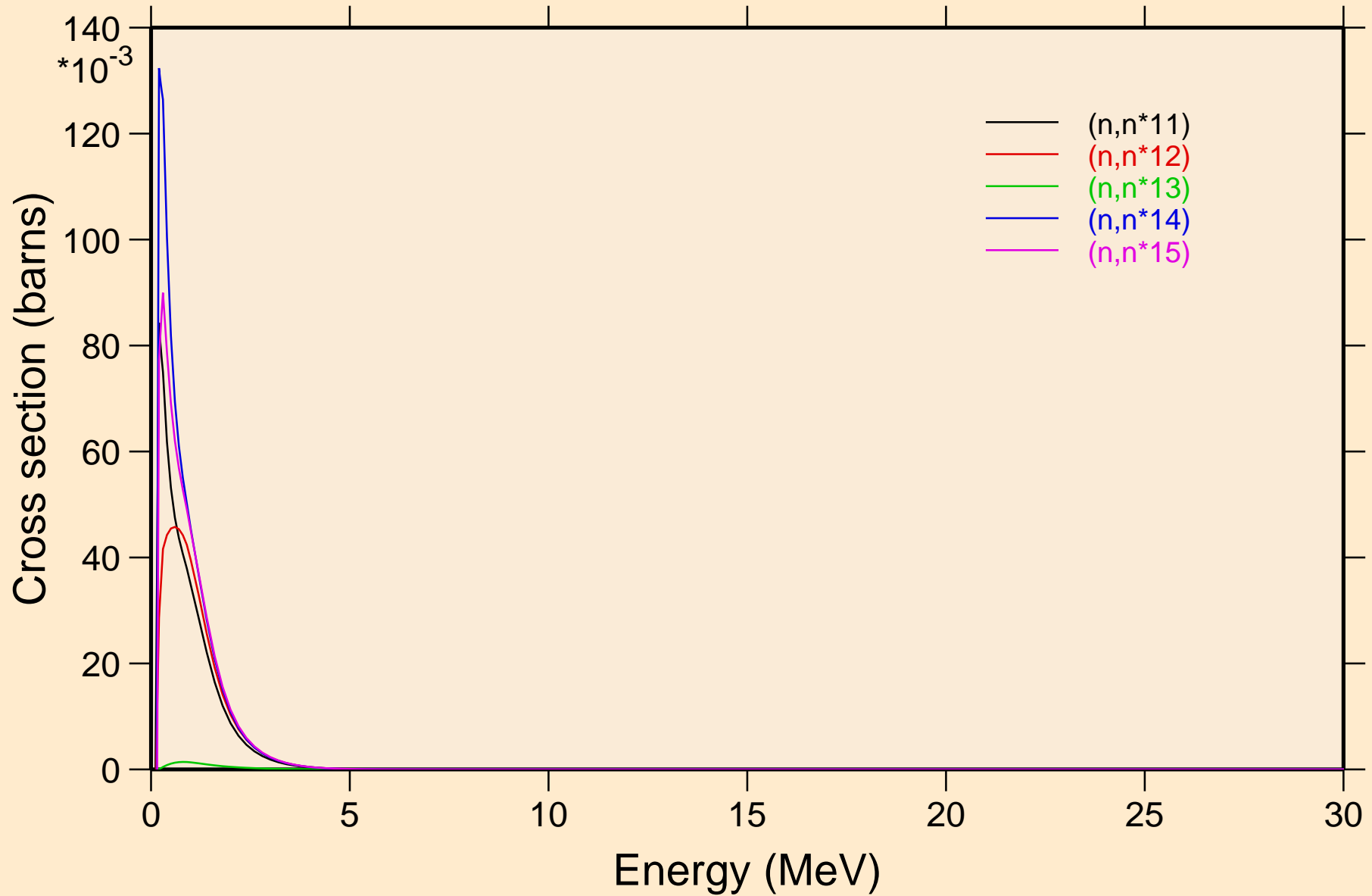
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



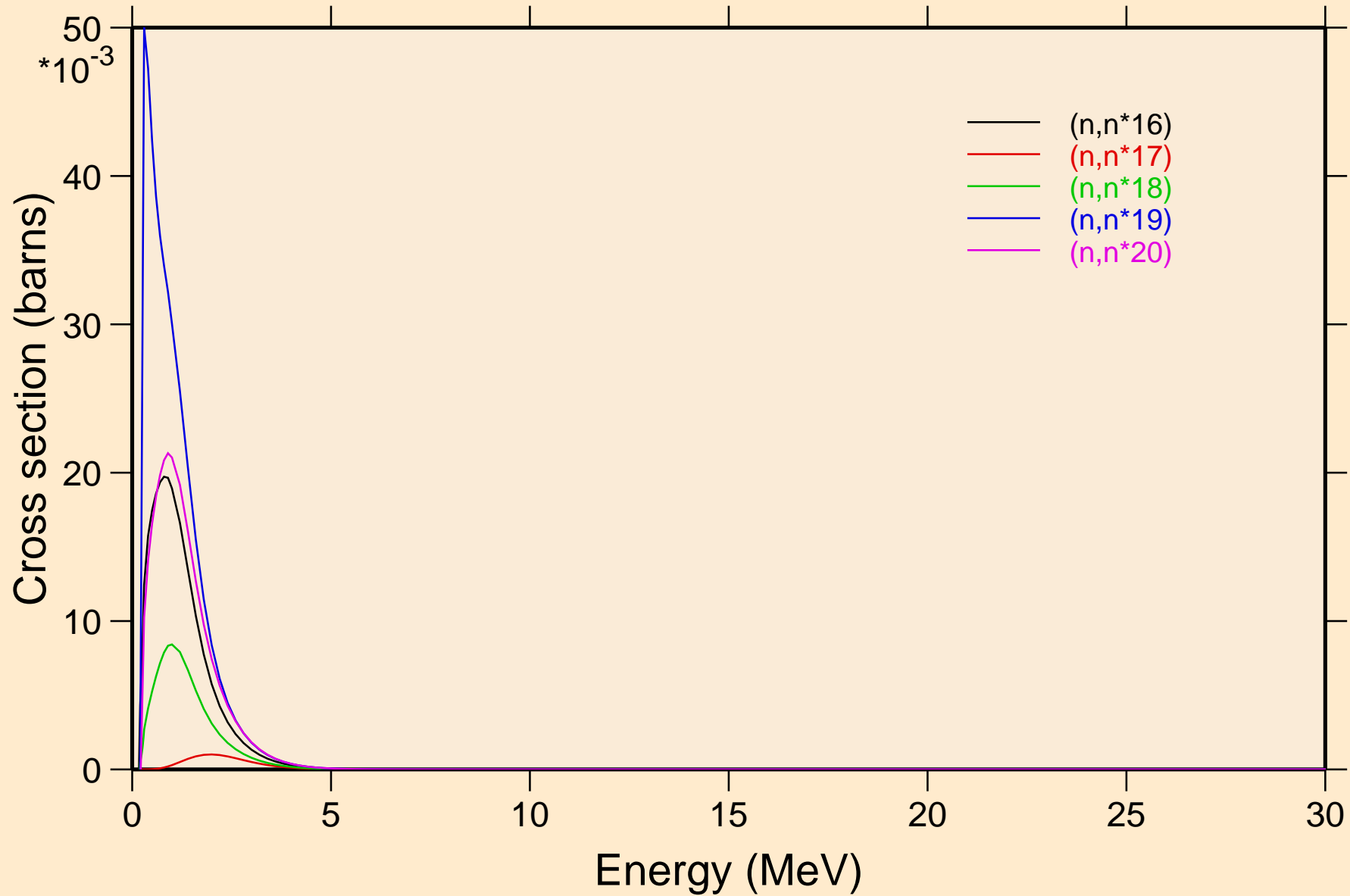
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



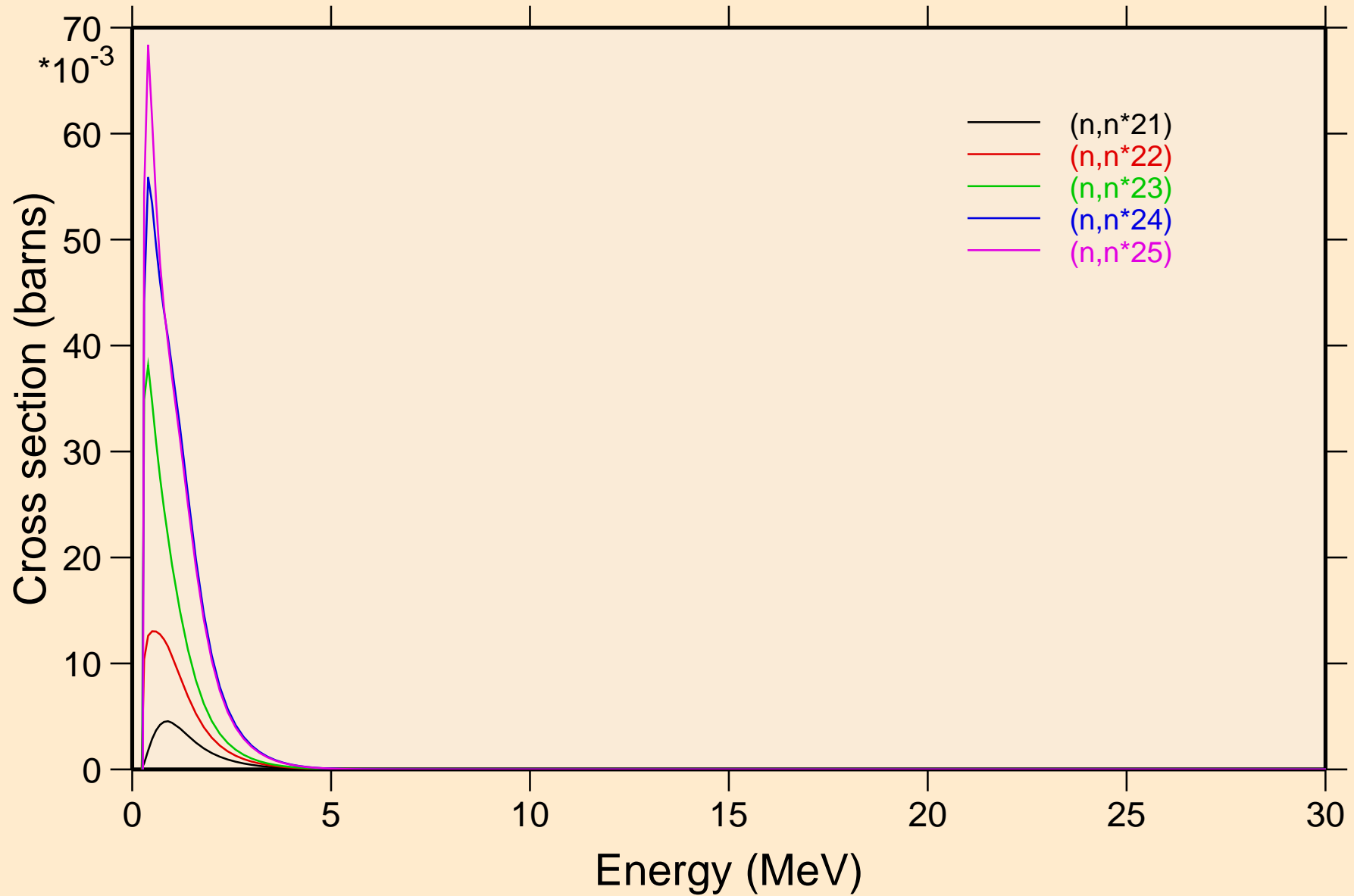
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



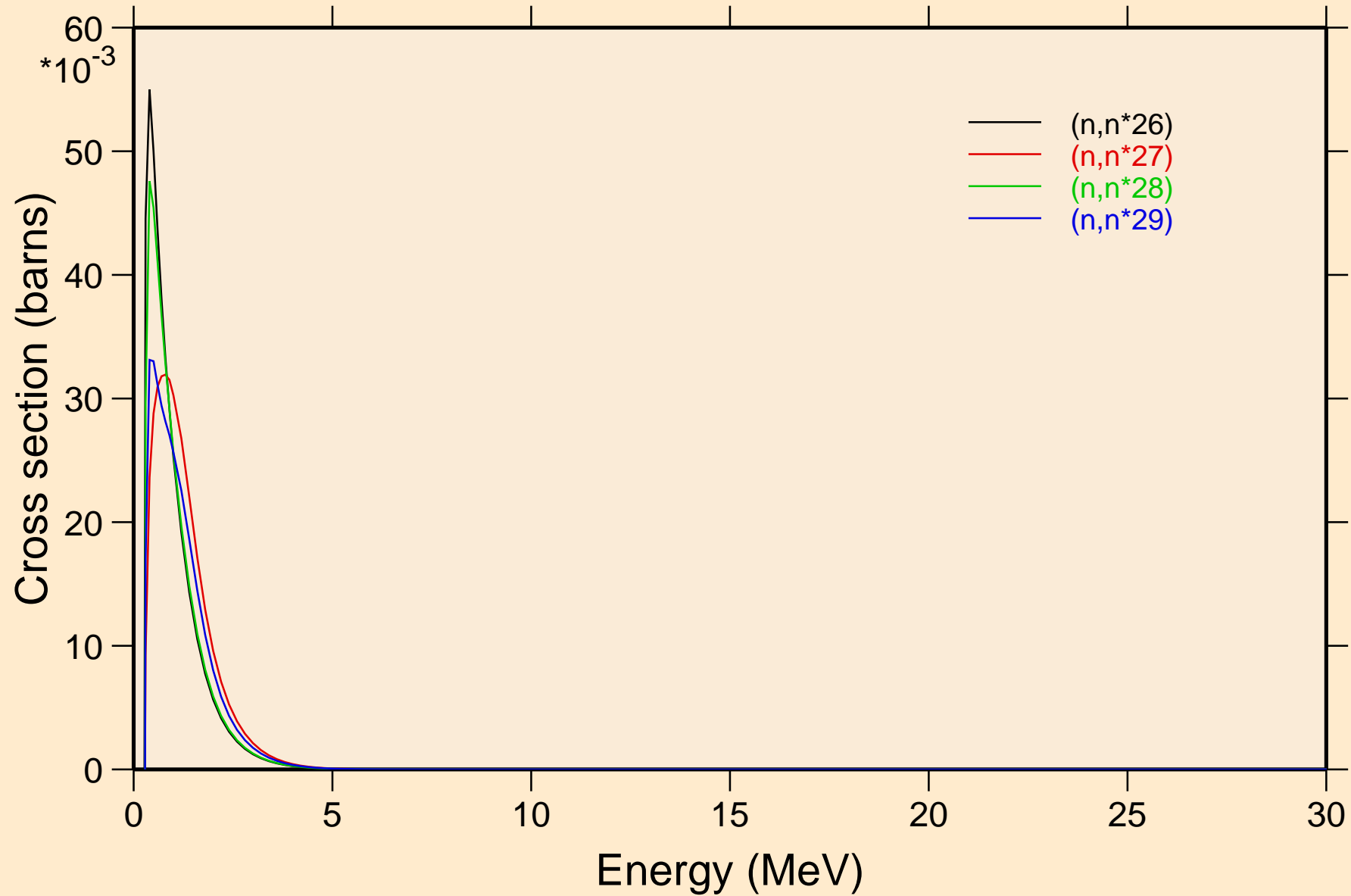
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

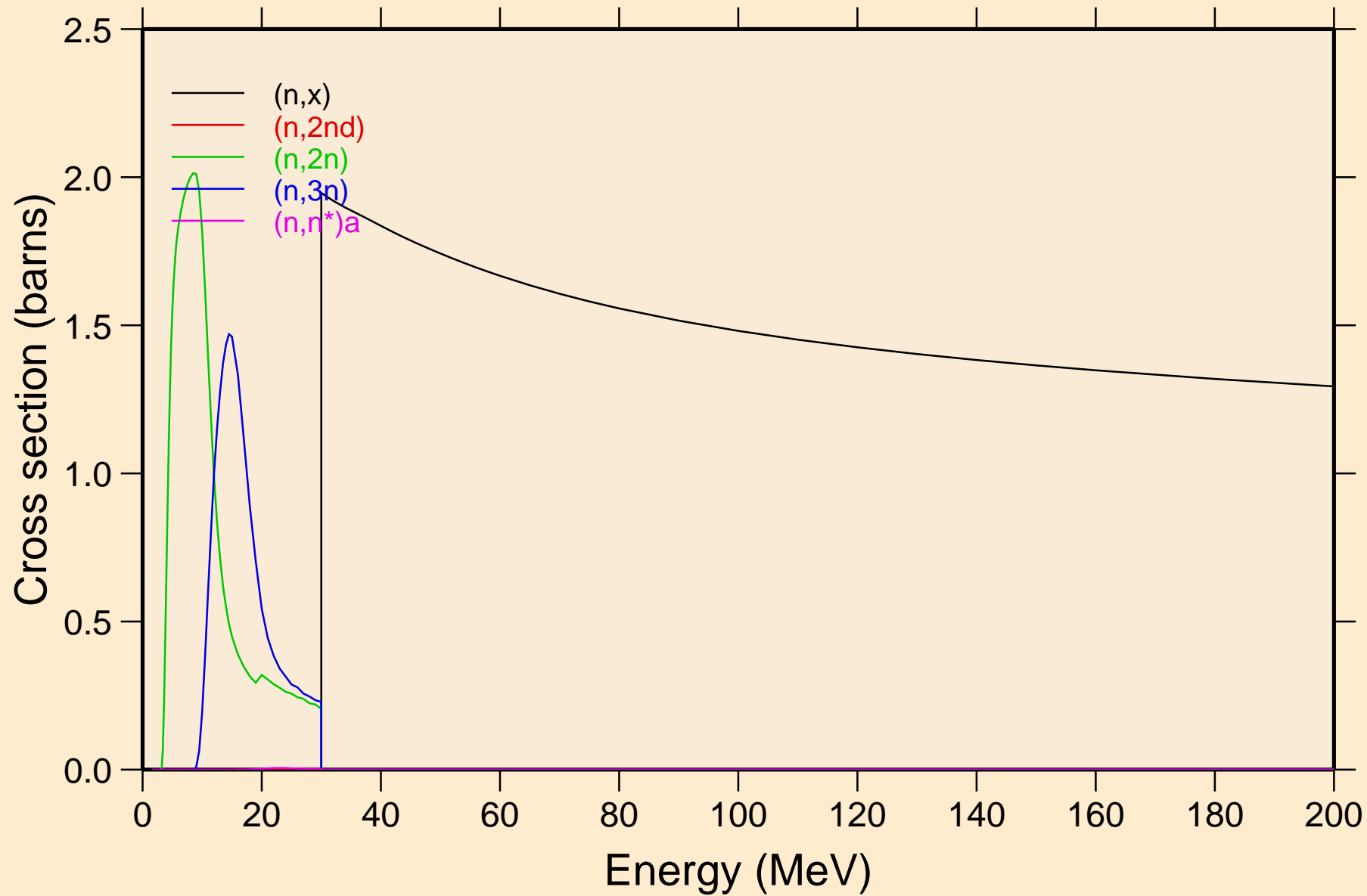


CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

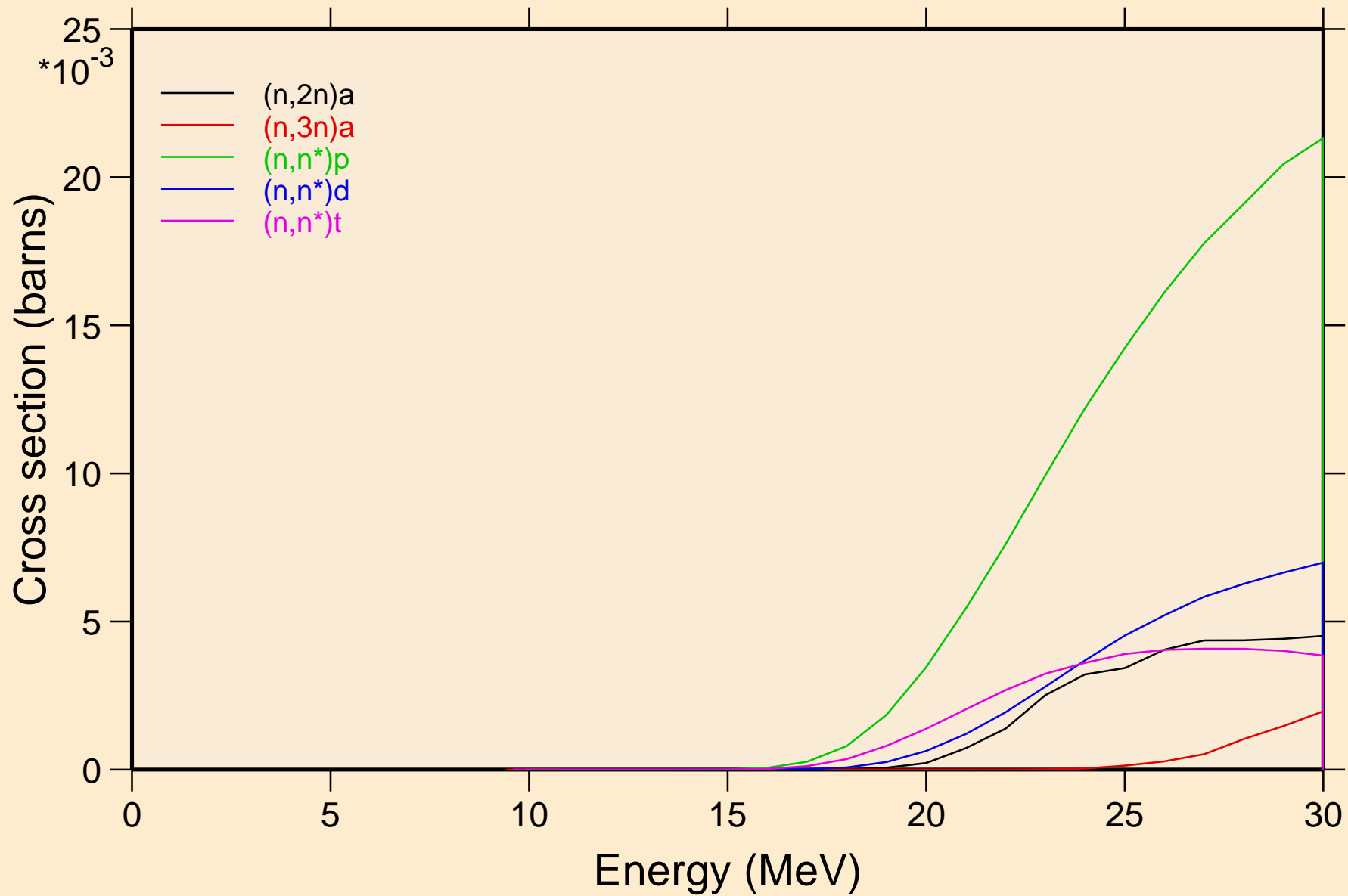


# CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Threshold reactions

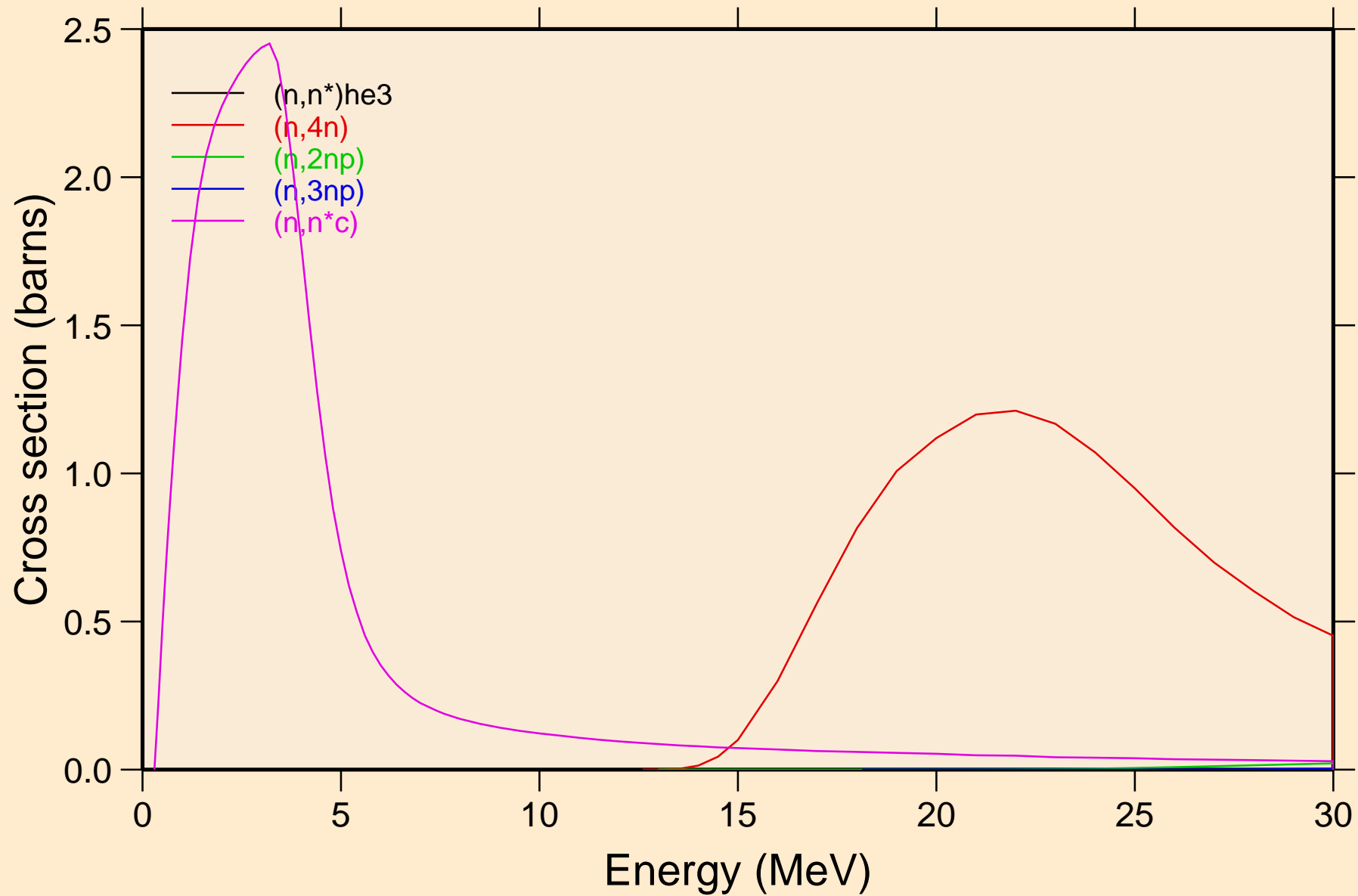


CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



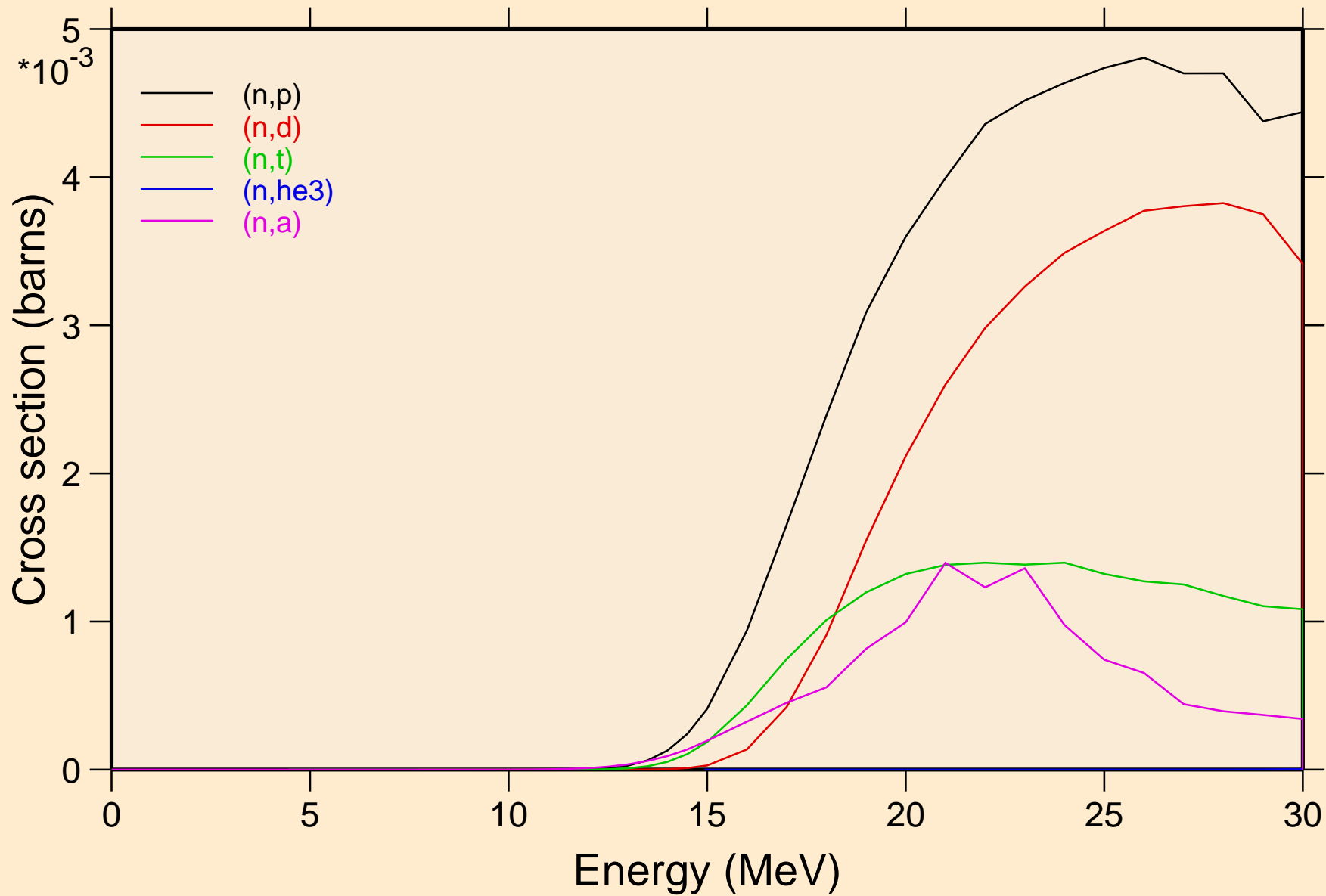


CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



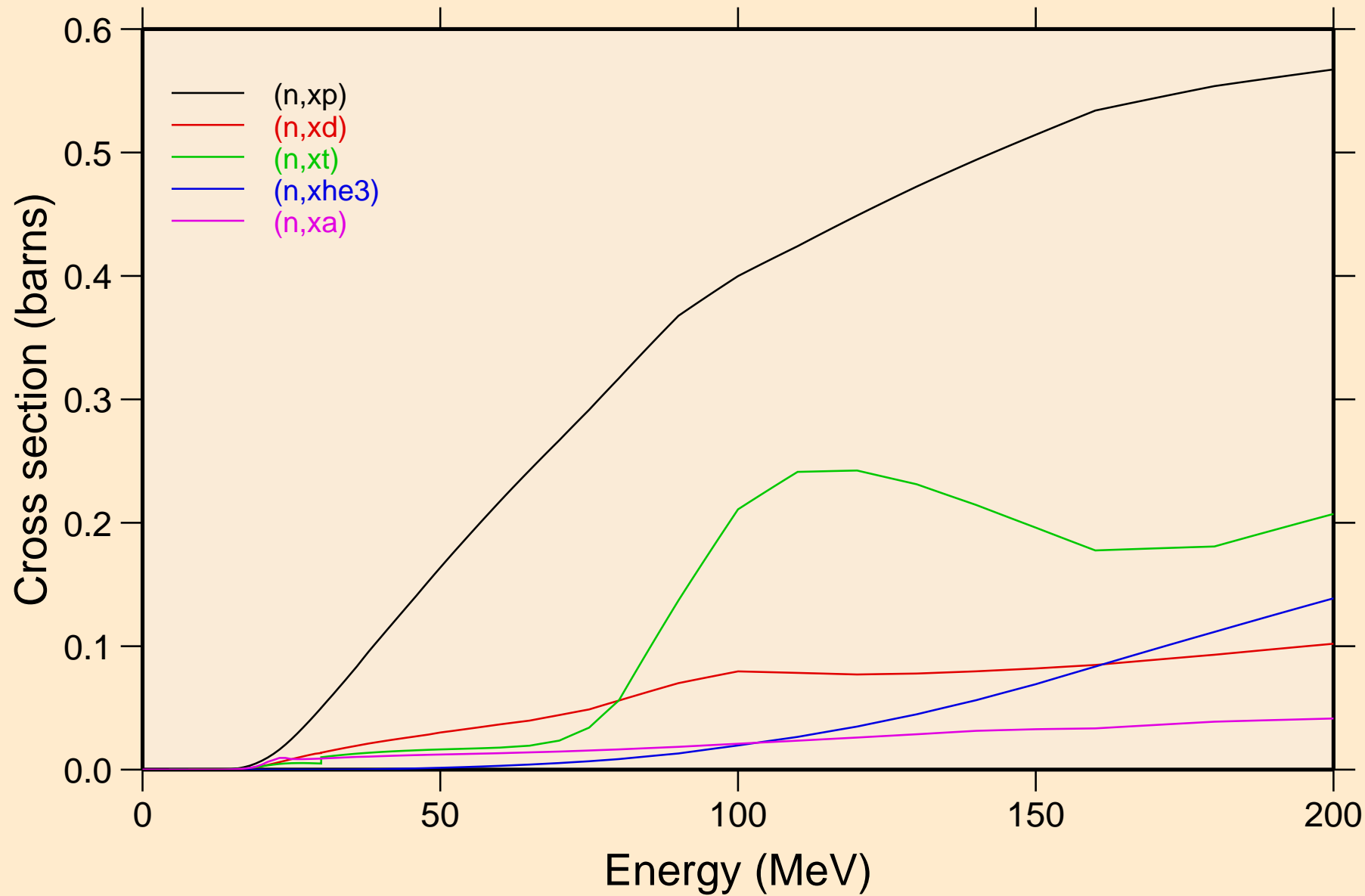
# CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Threshold reactions

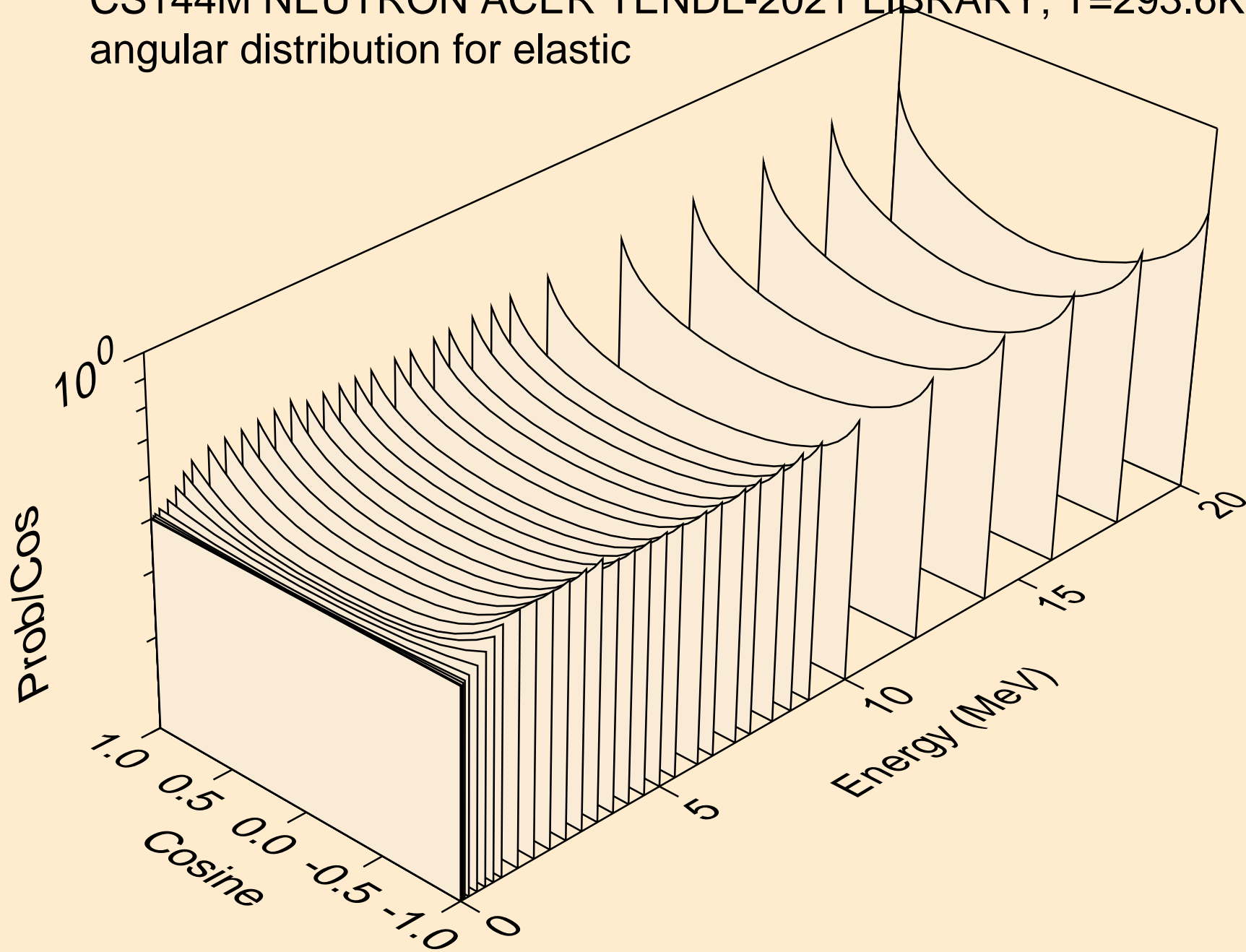


# CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

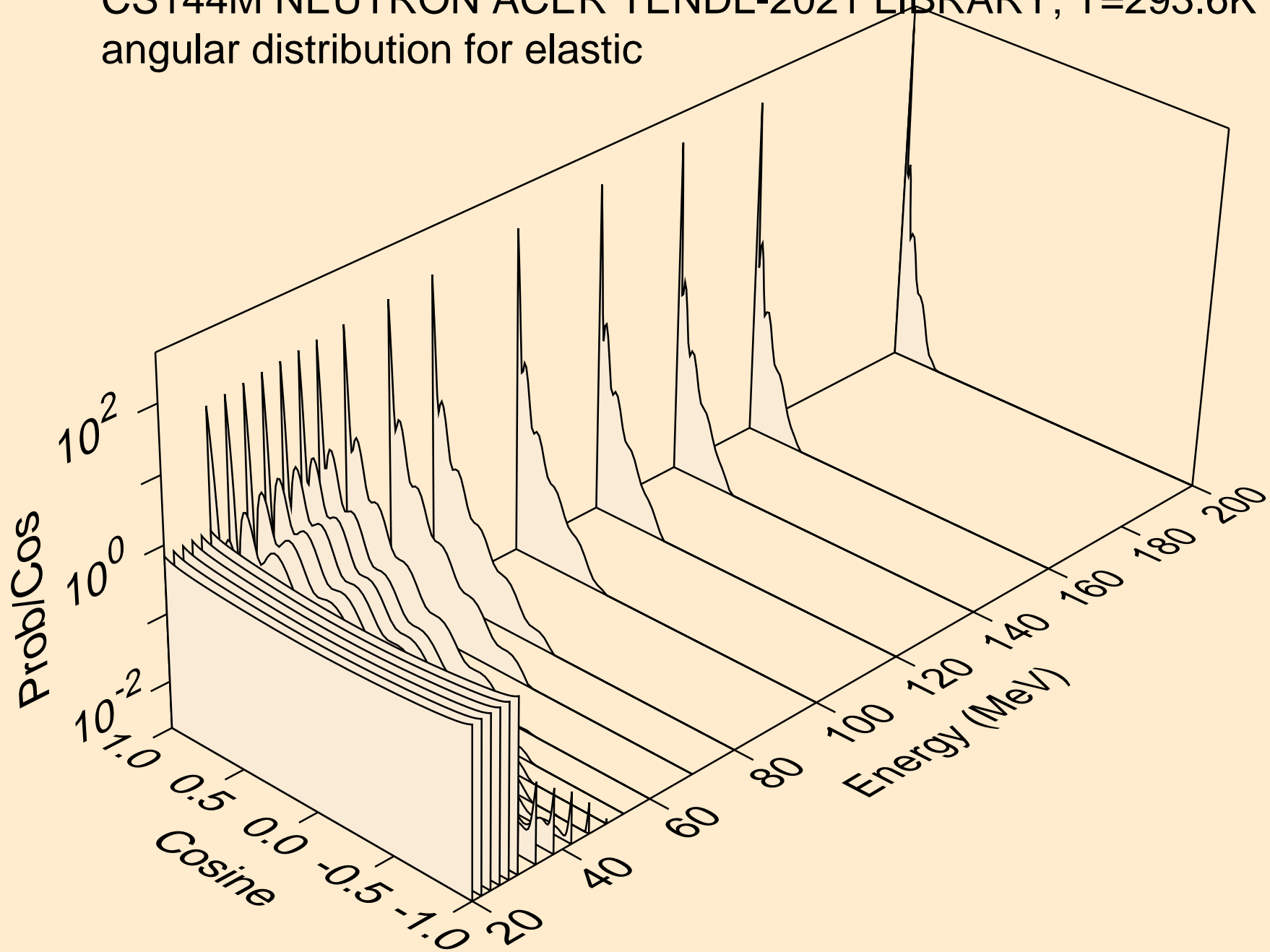
## Threshold reactions



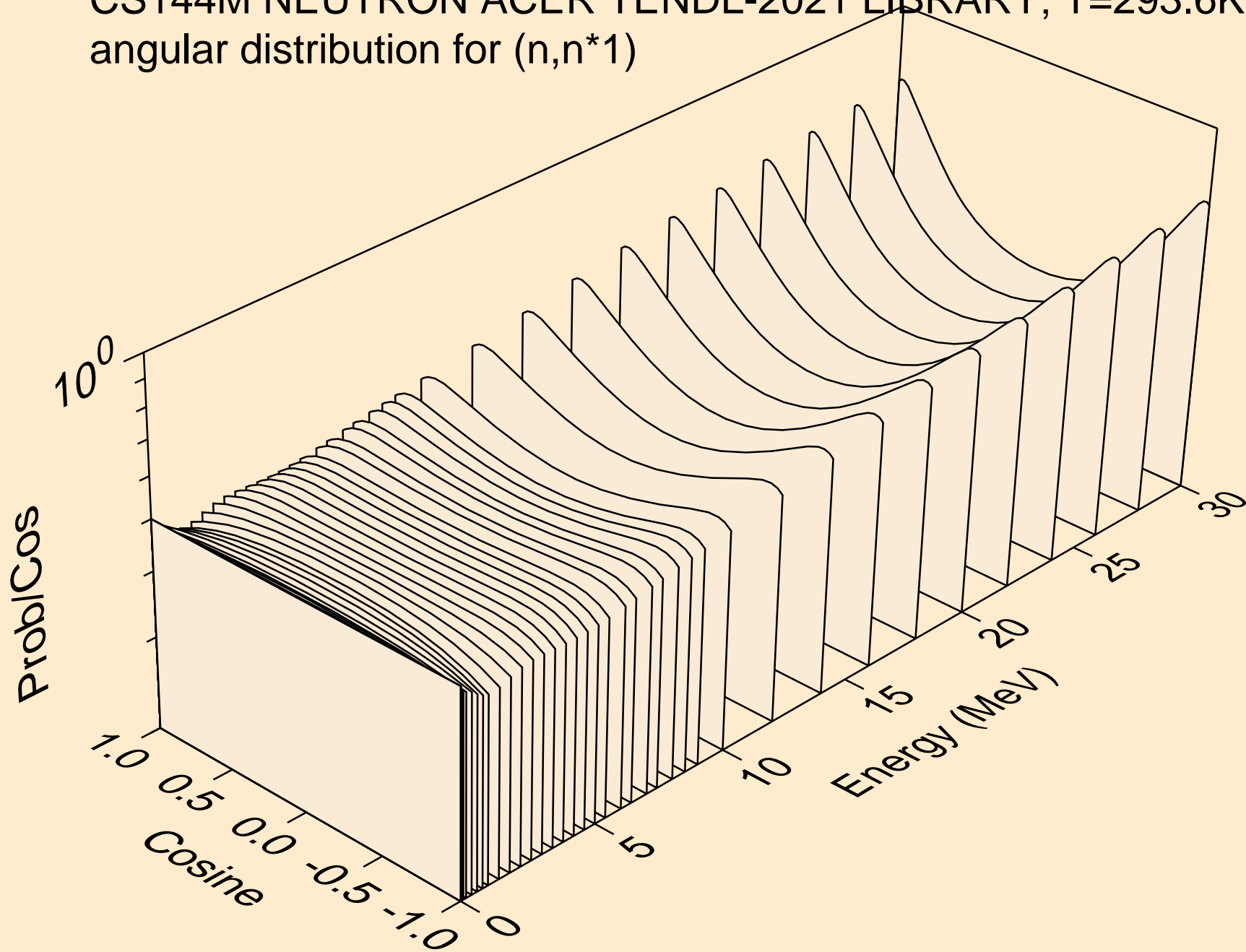
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



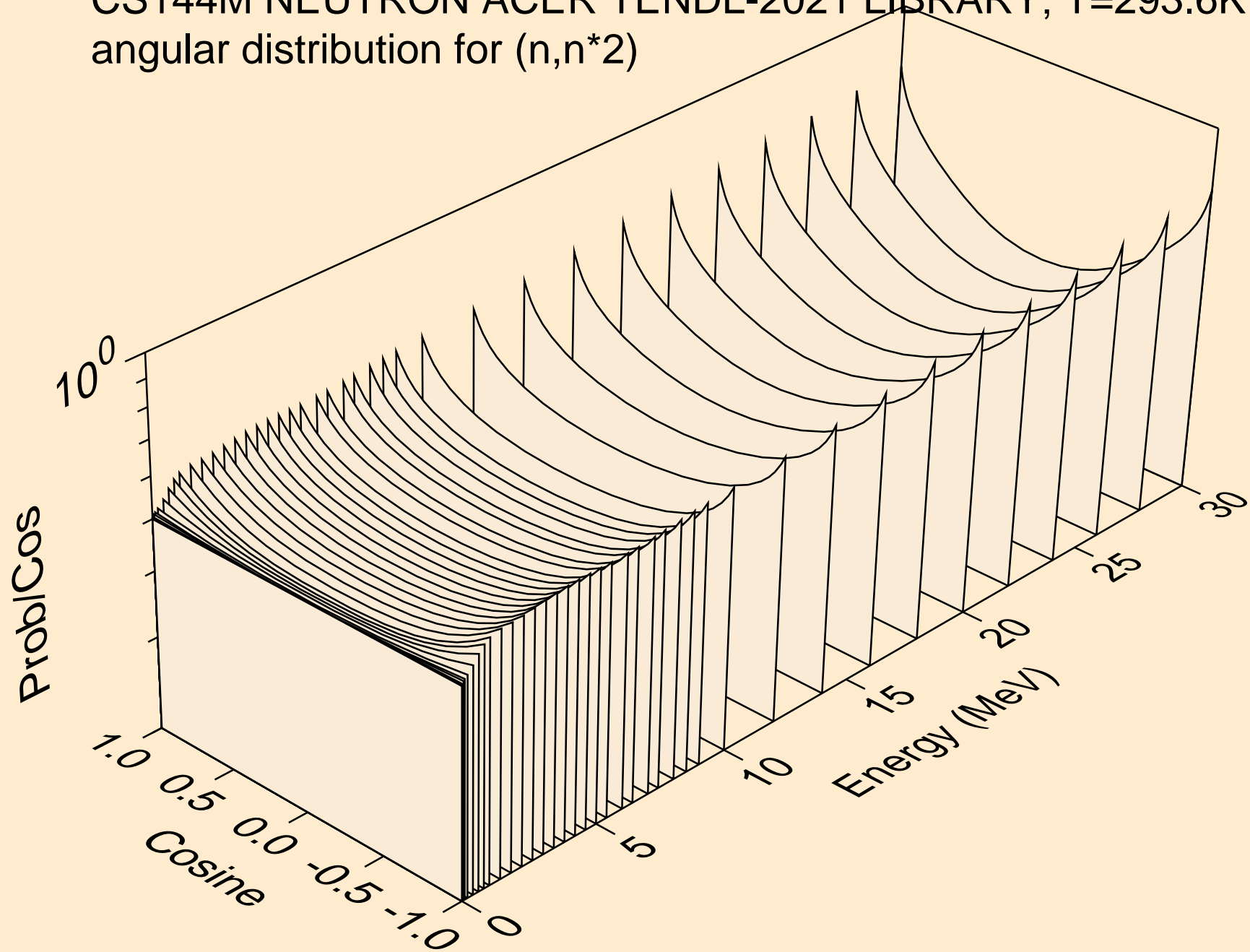
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



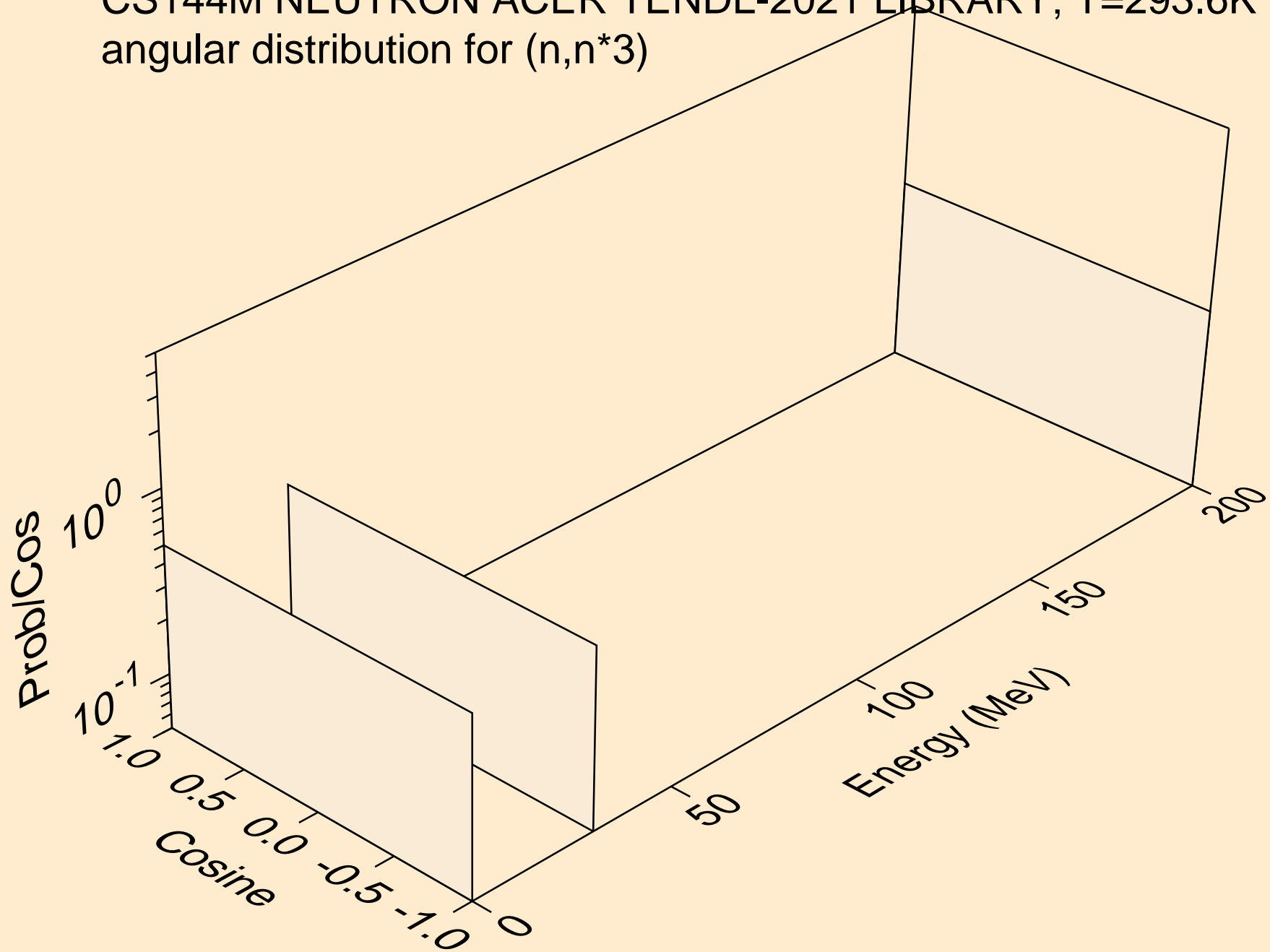
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)

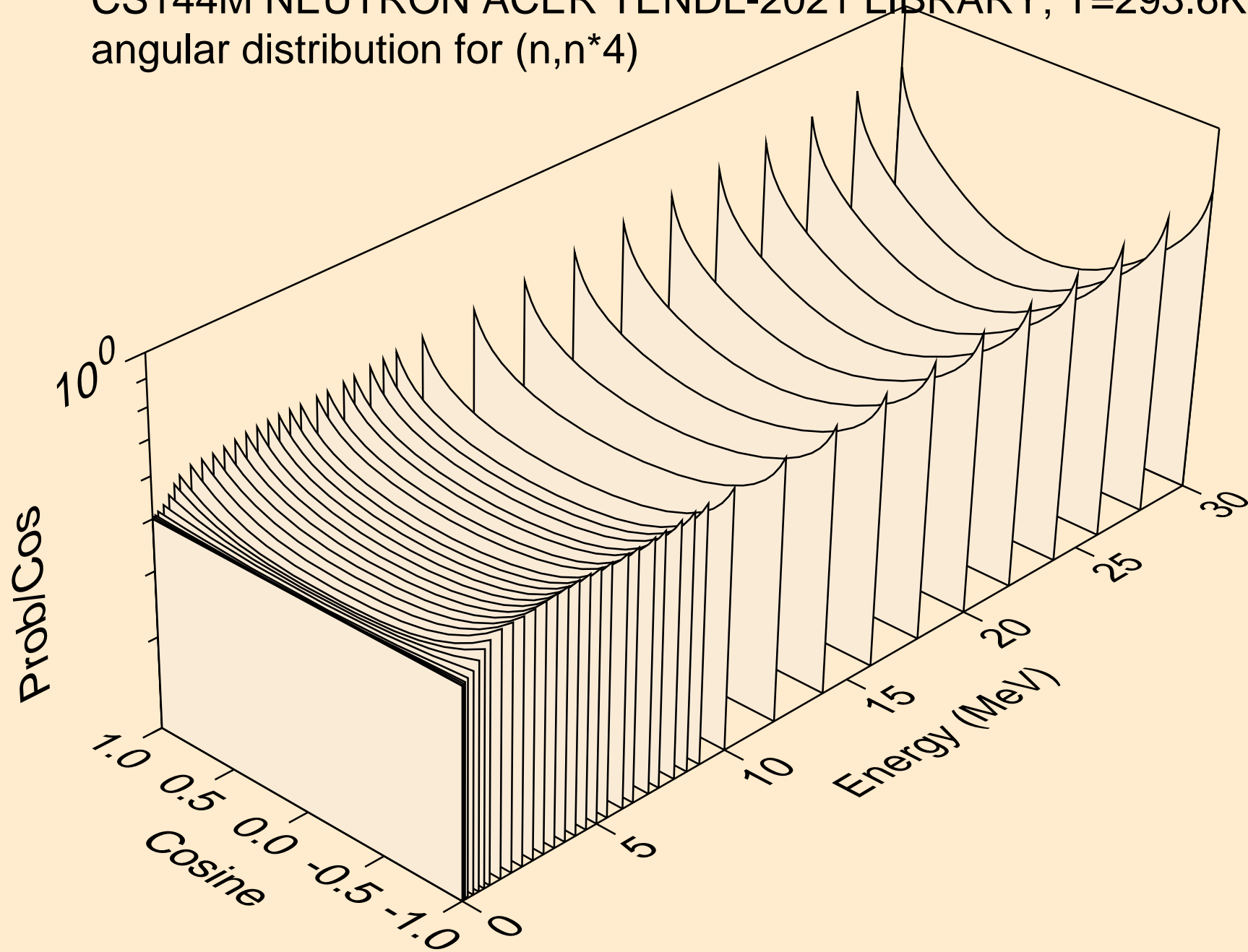


CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*3)

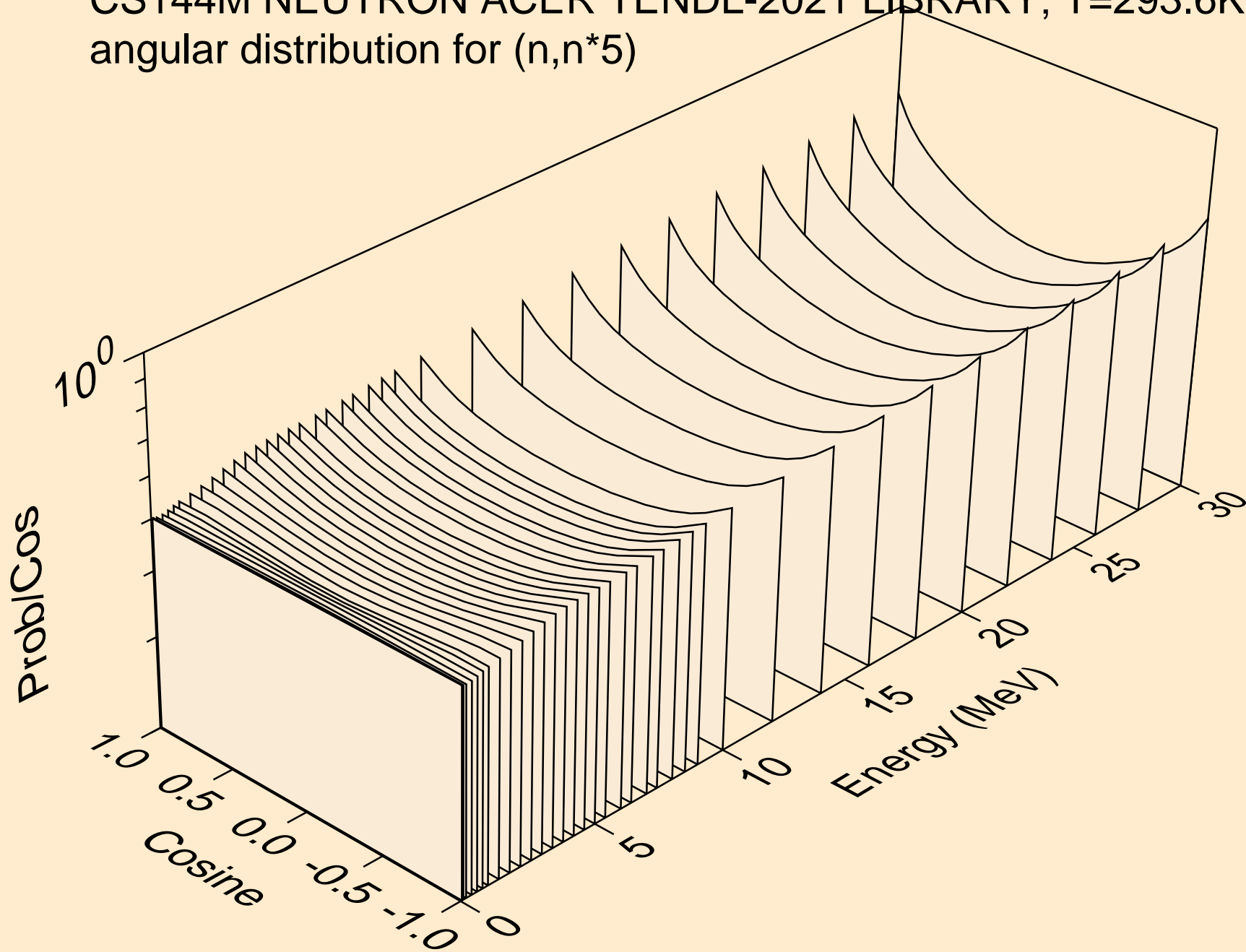




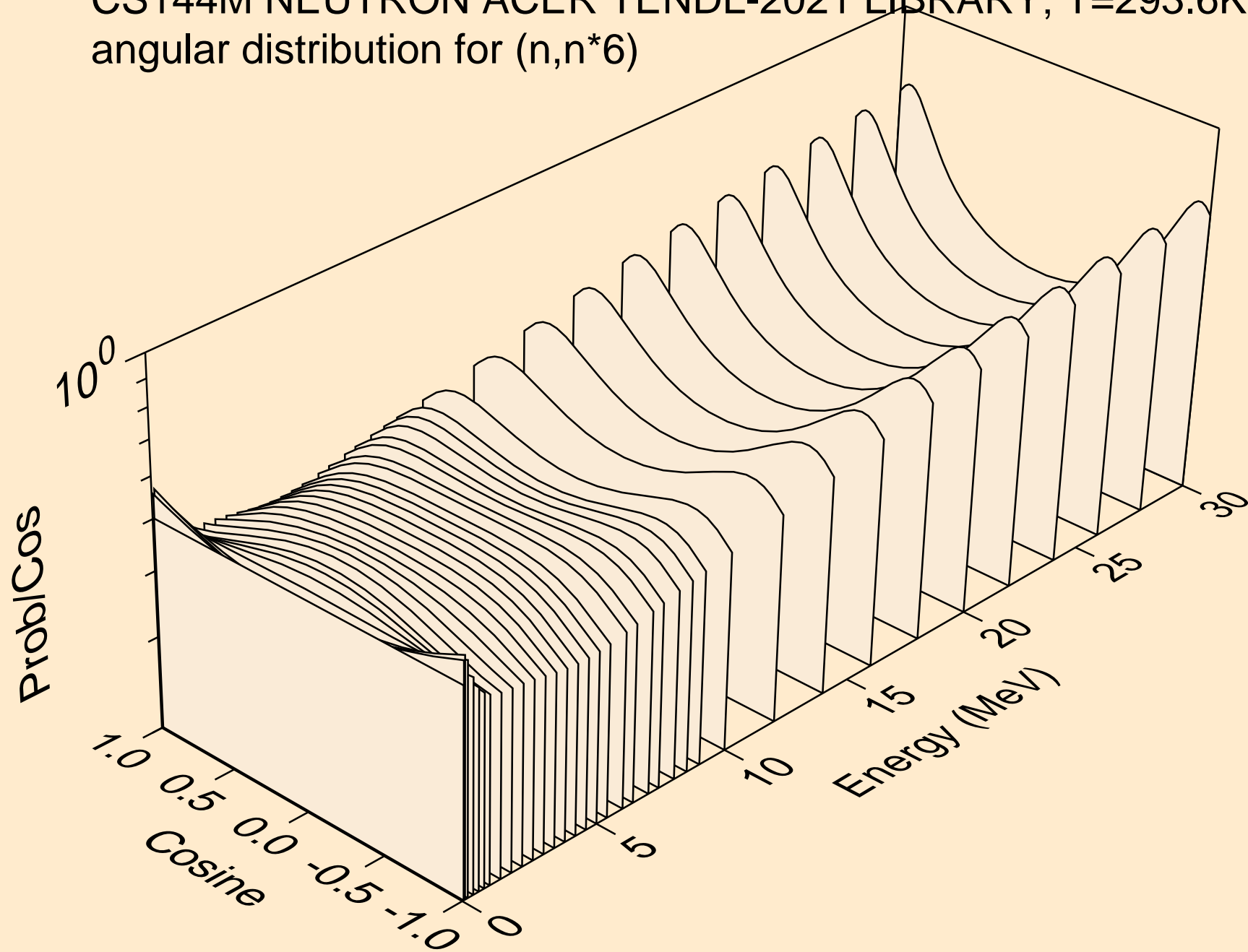
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*4)



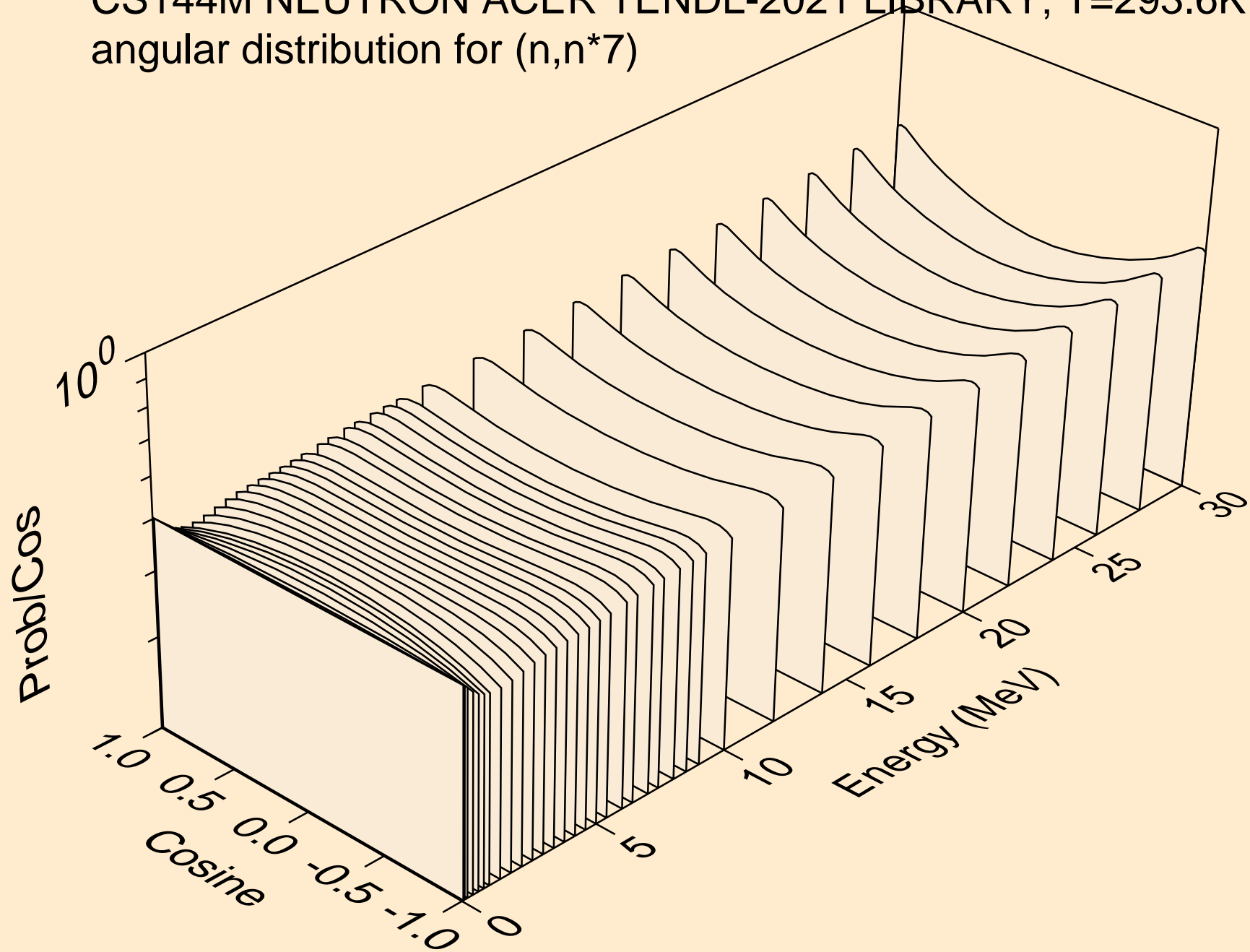
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*5)



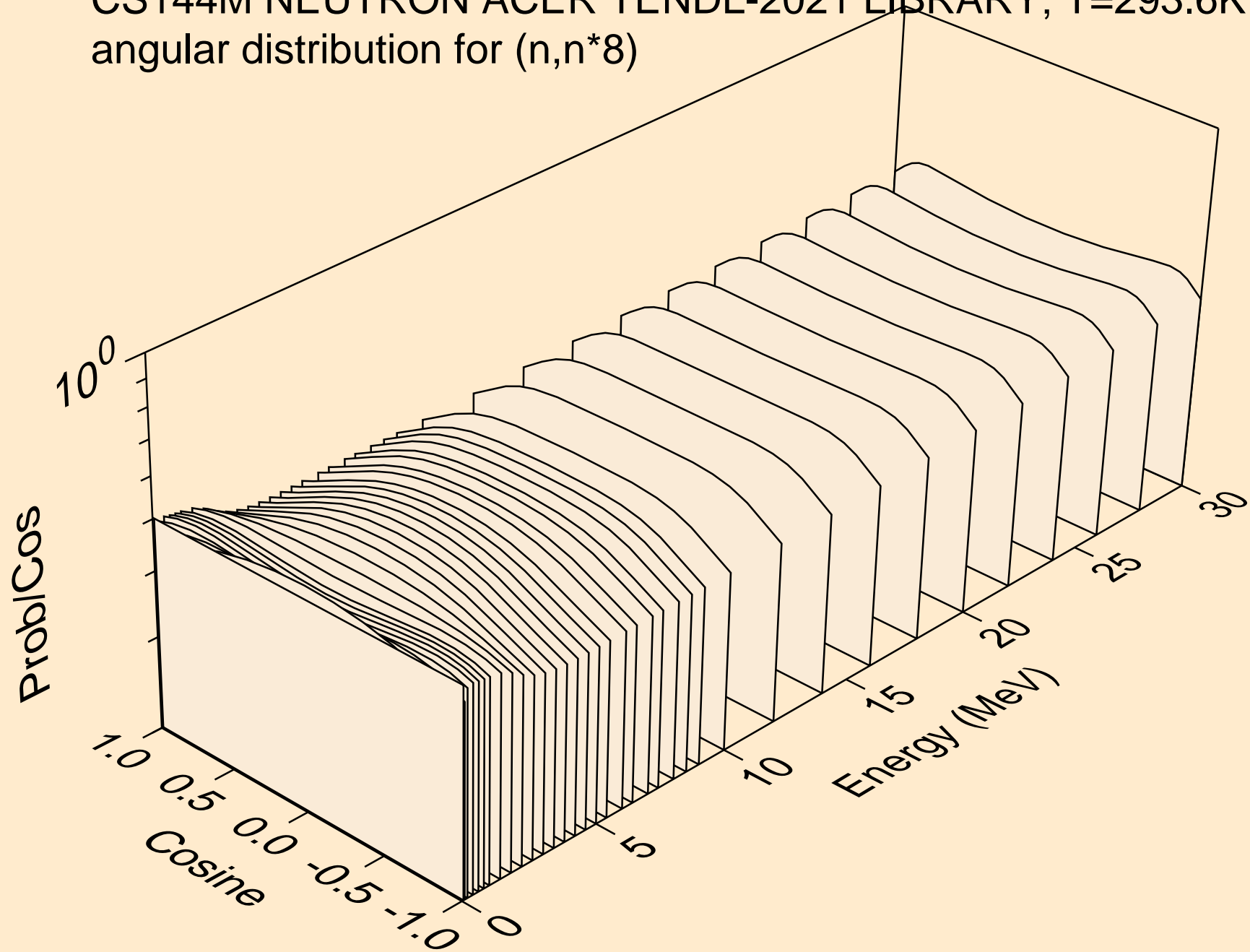
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*6)



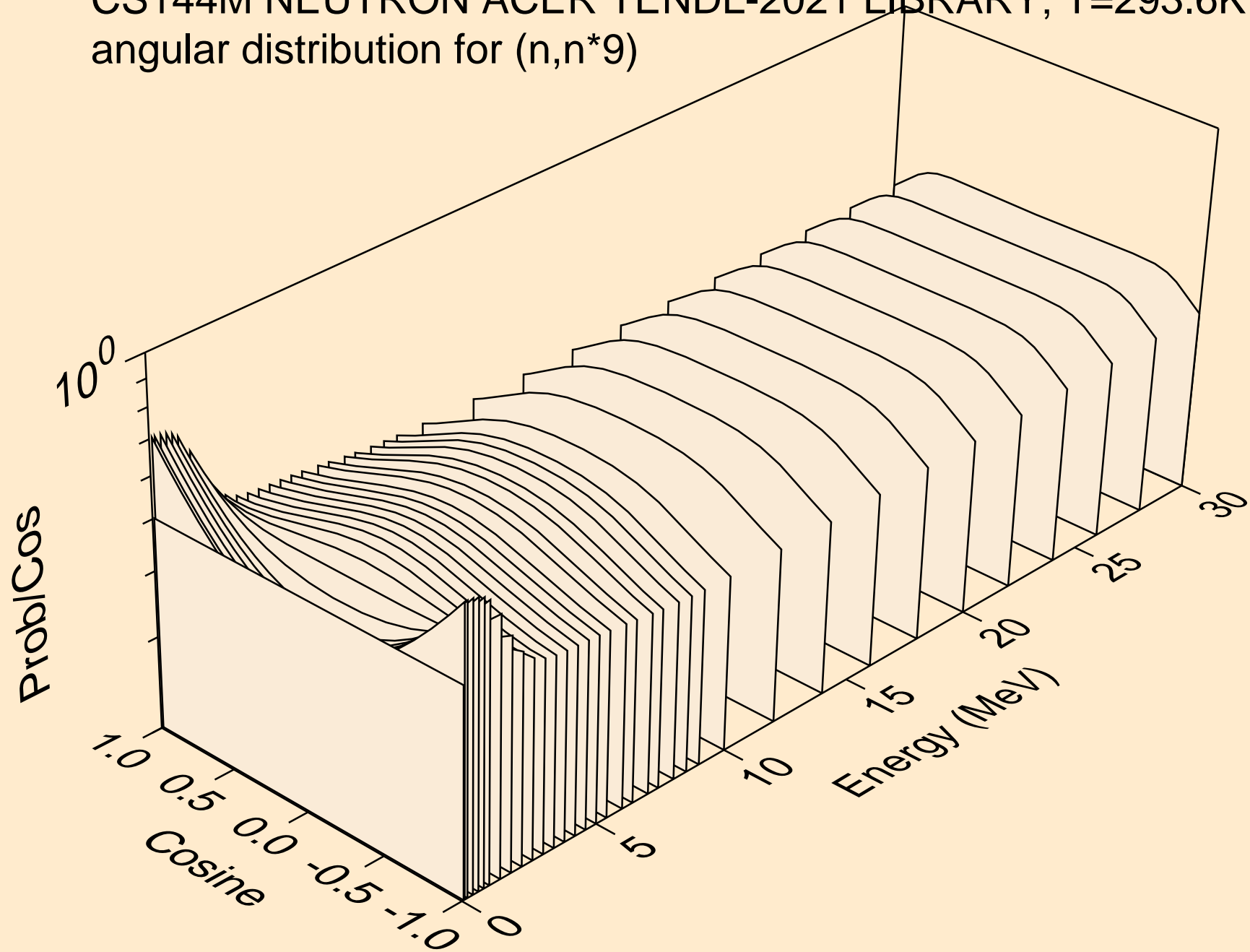
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*7)



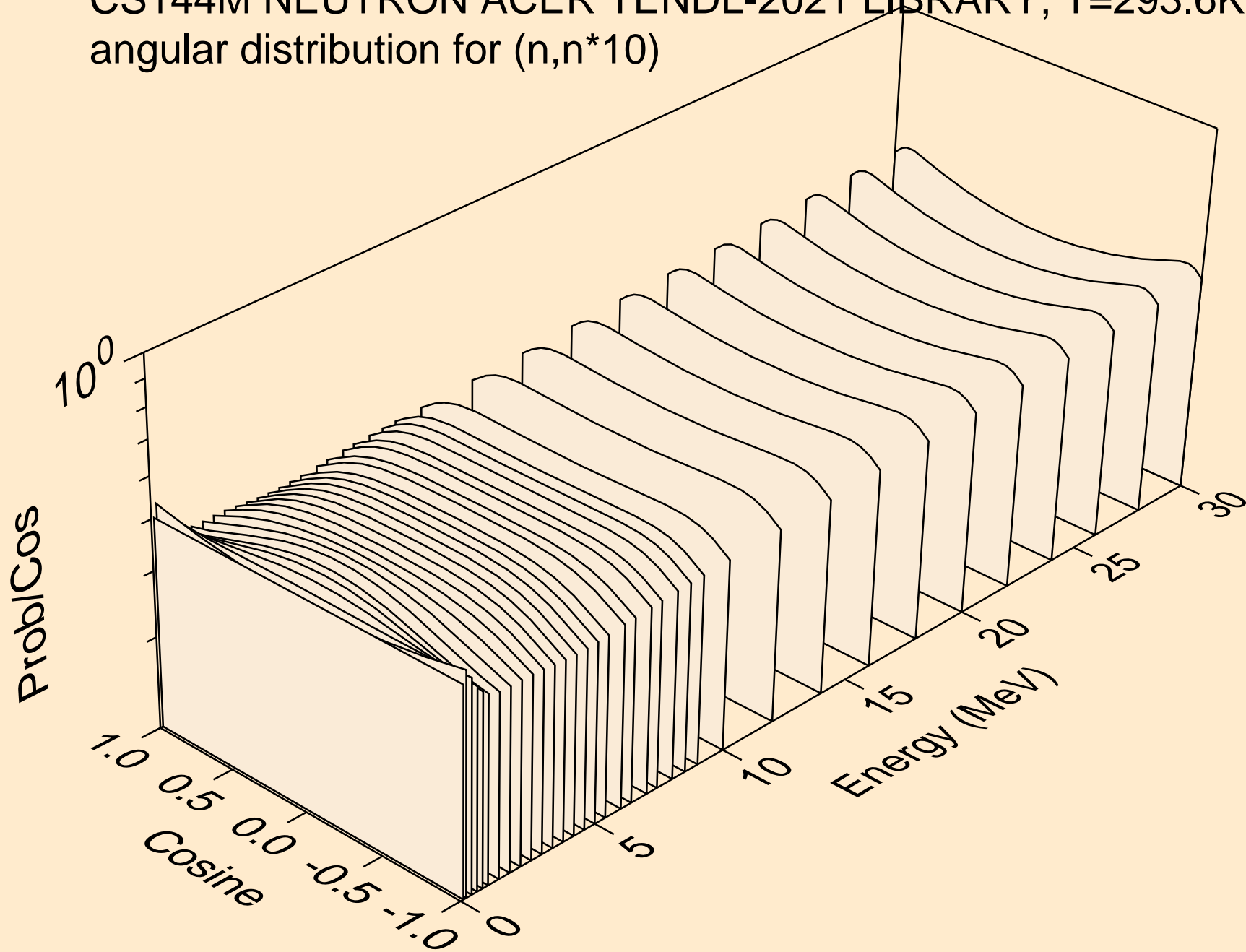
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*8)



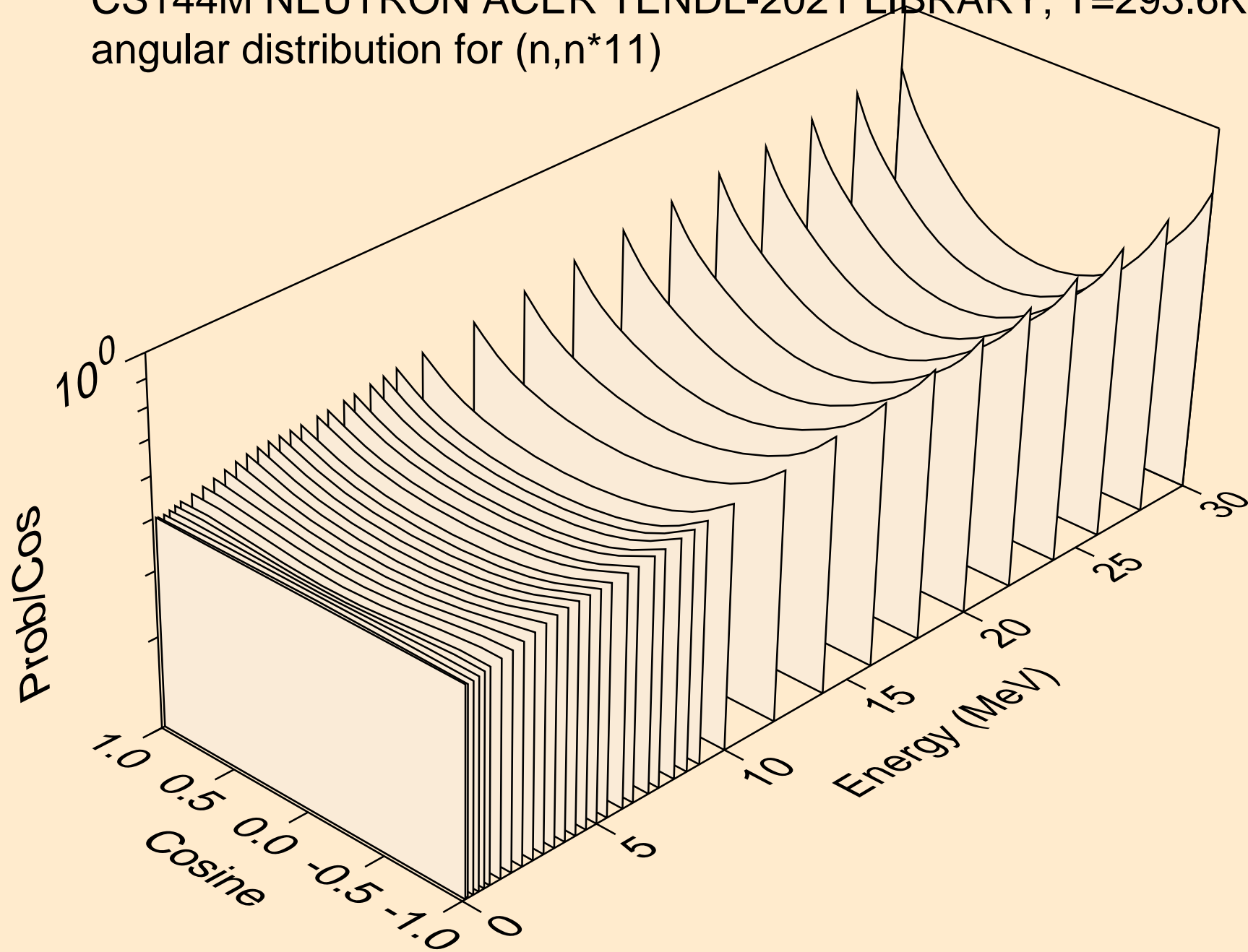
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*9)



CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*10)

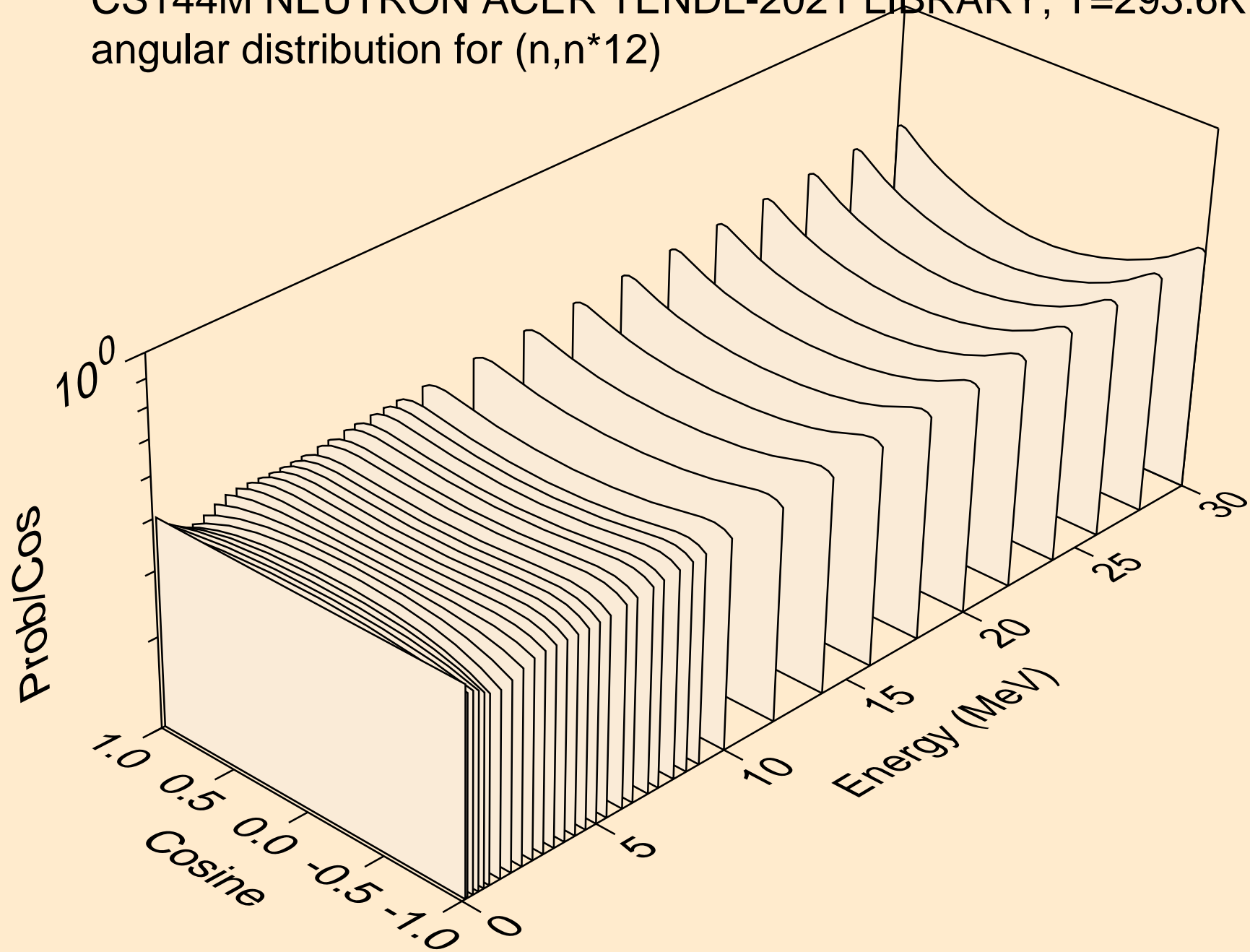


CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*11)

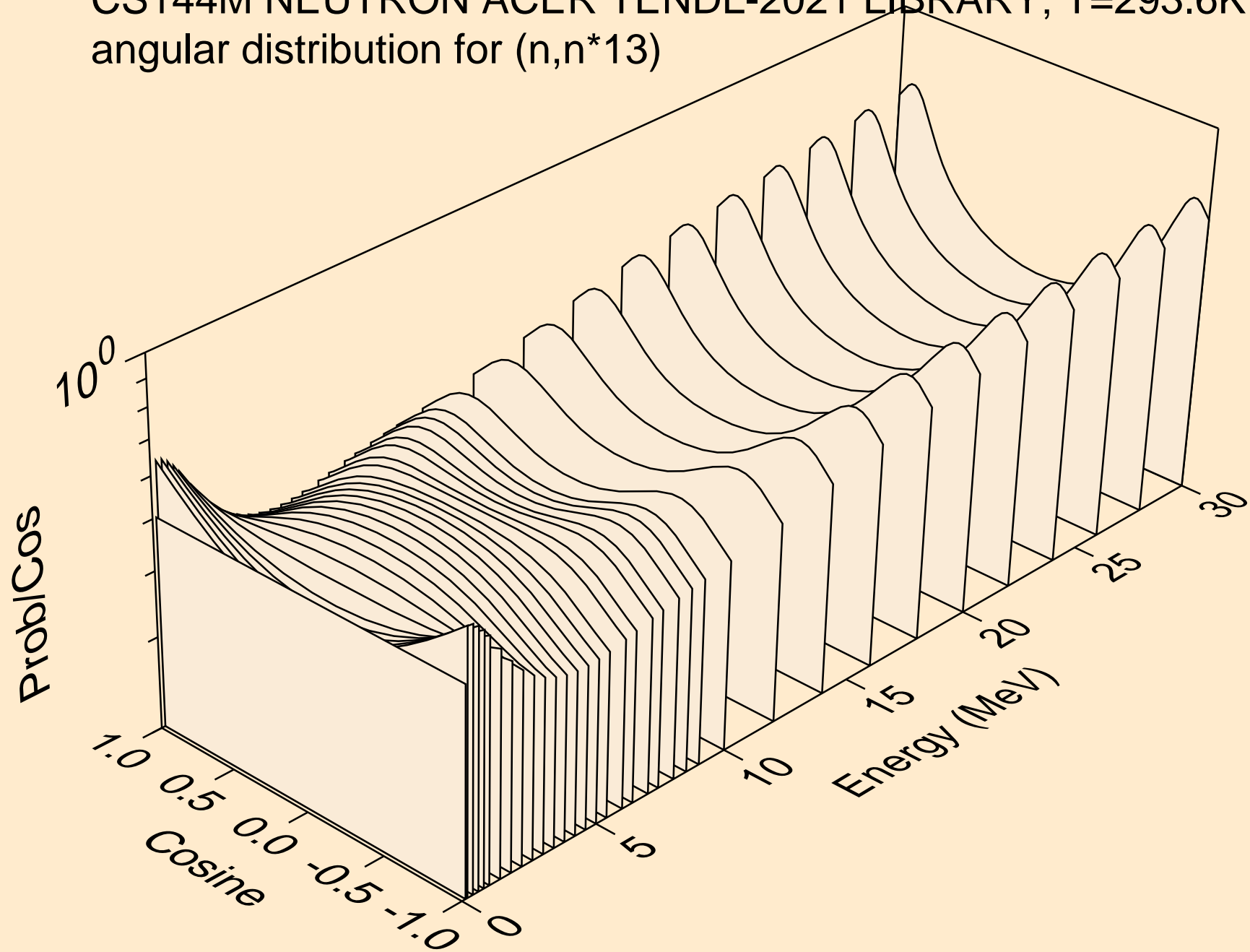




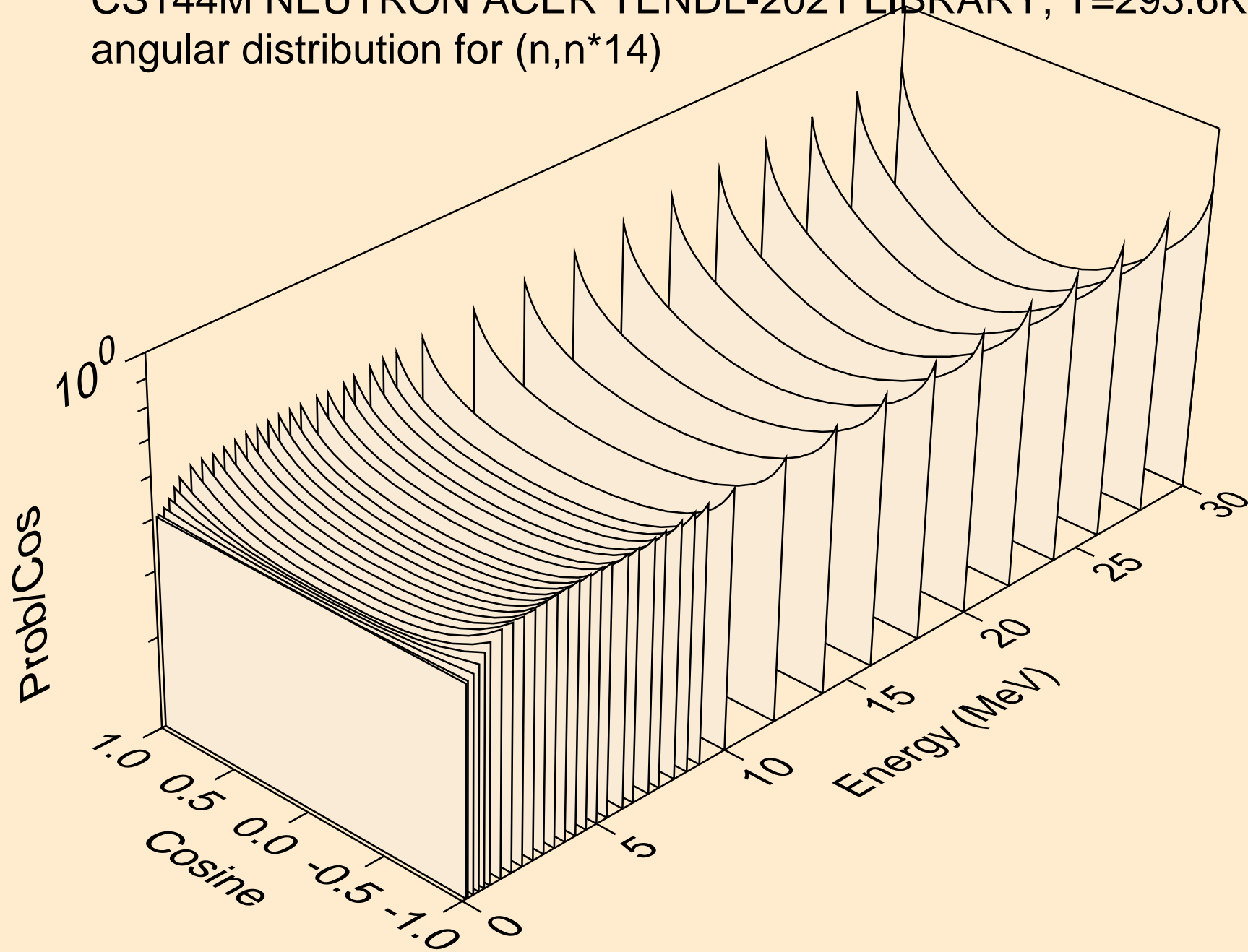
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*12)



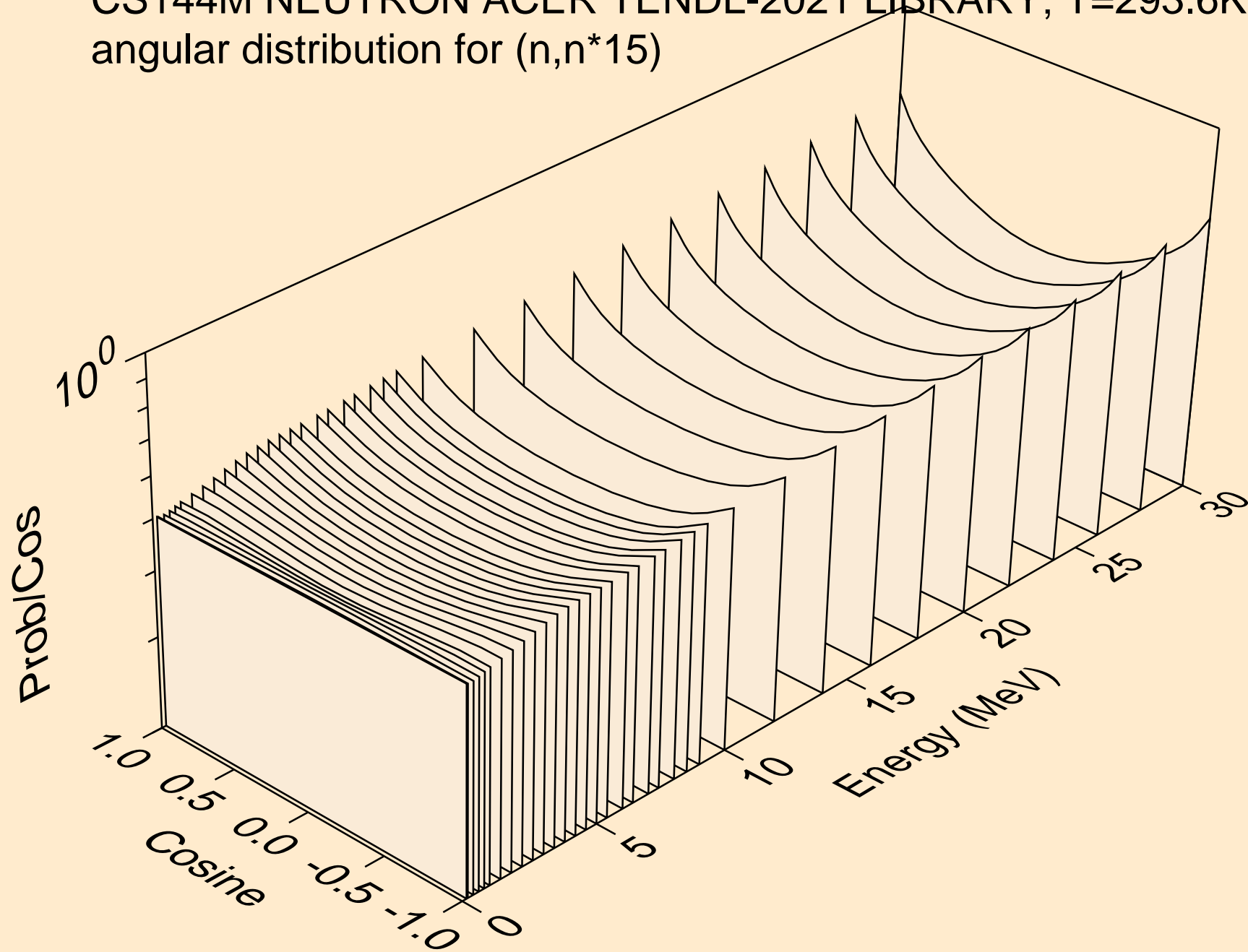
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*13)



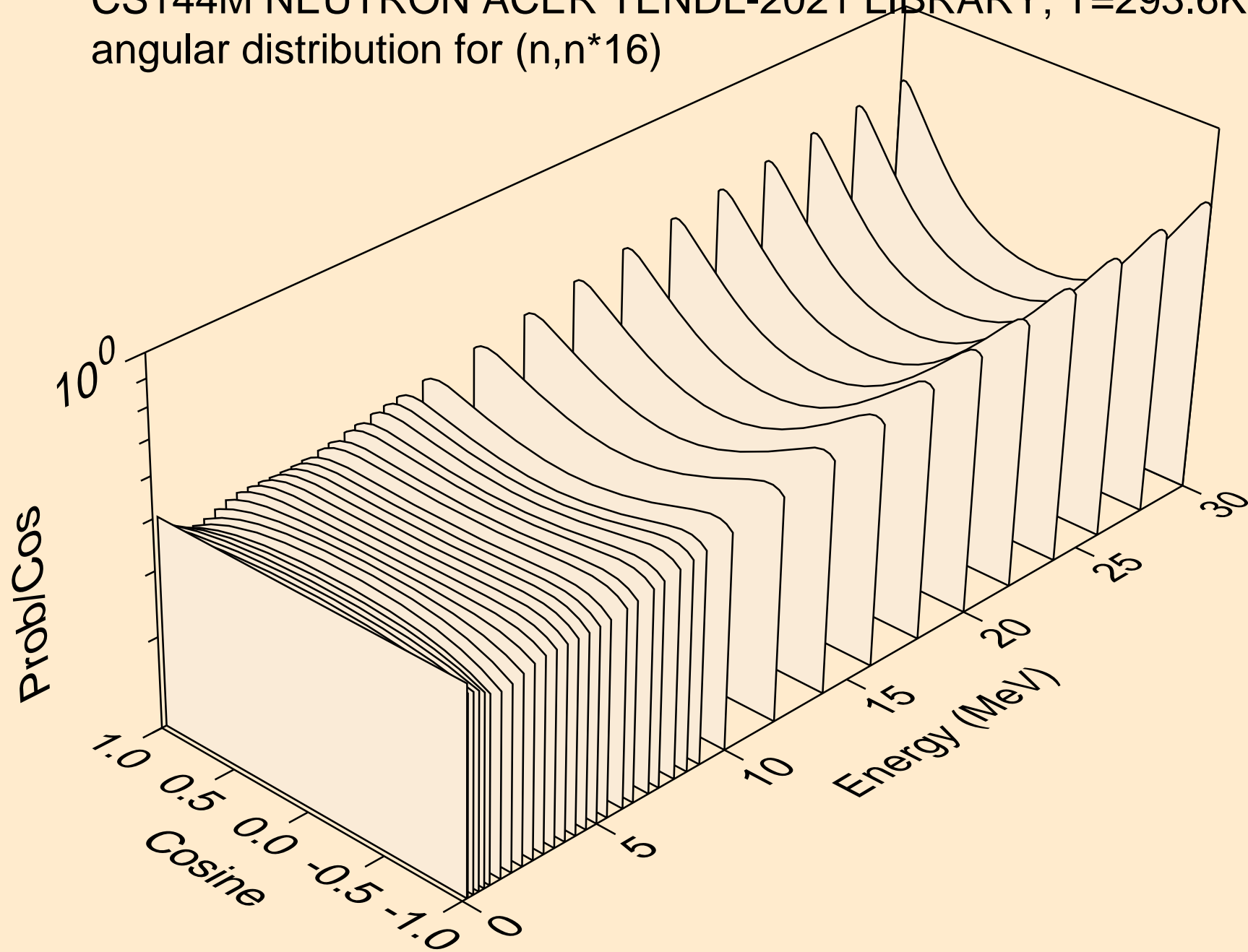
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*14)



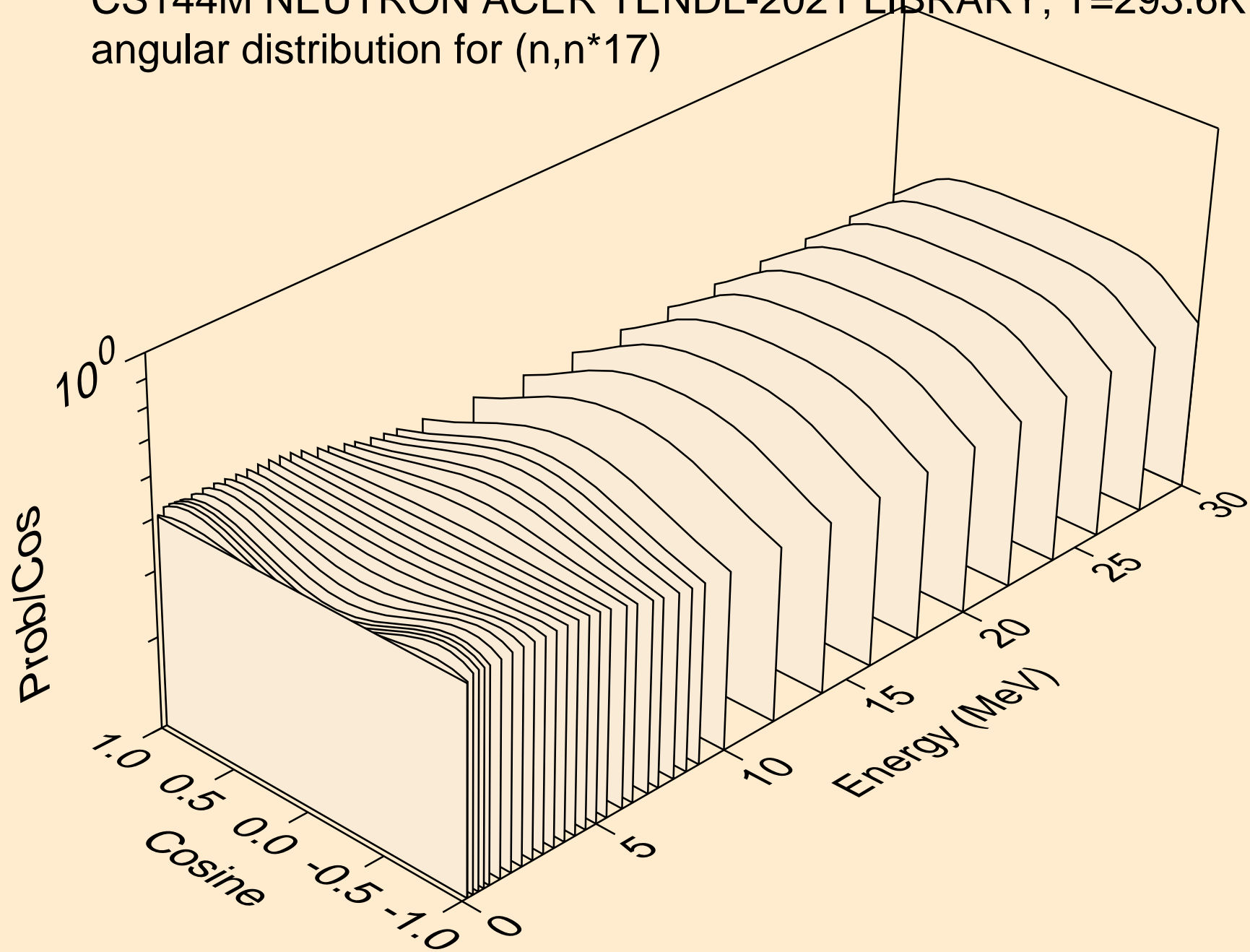
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*15)



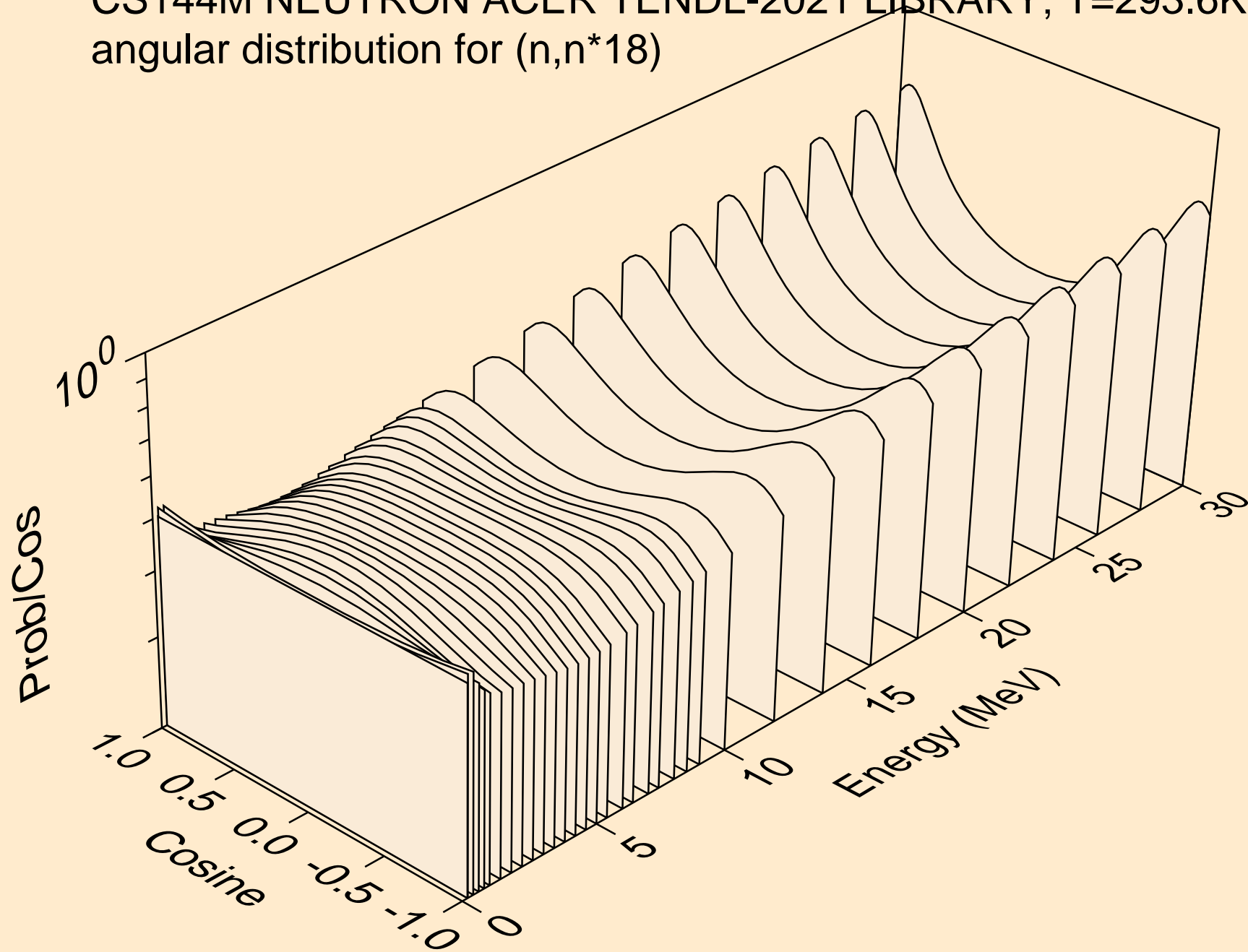
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*16)



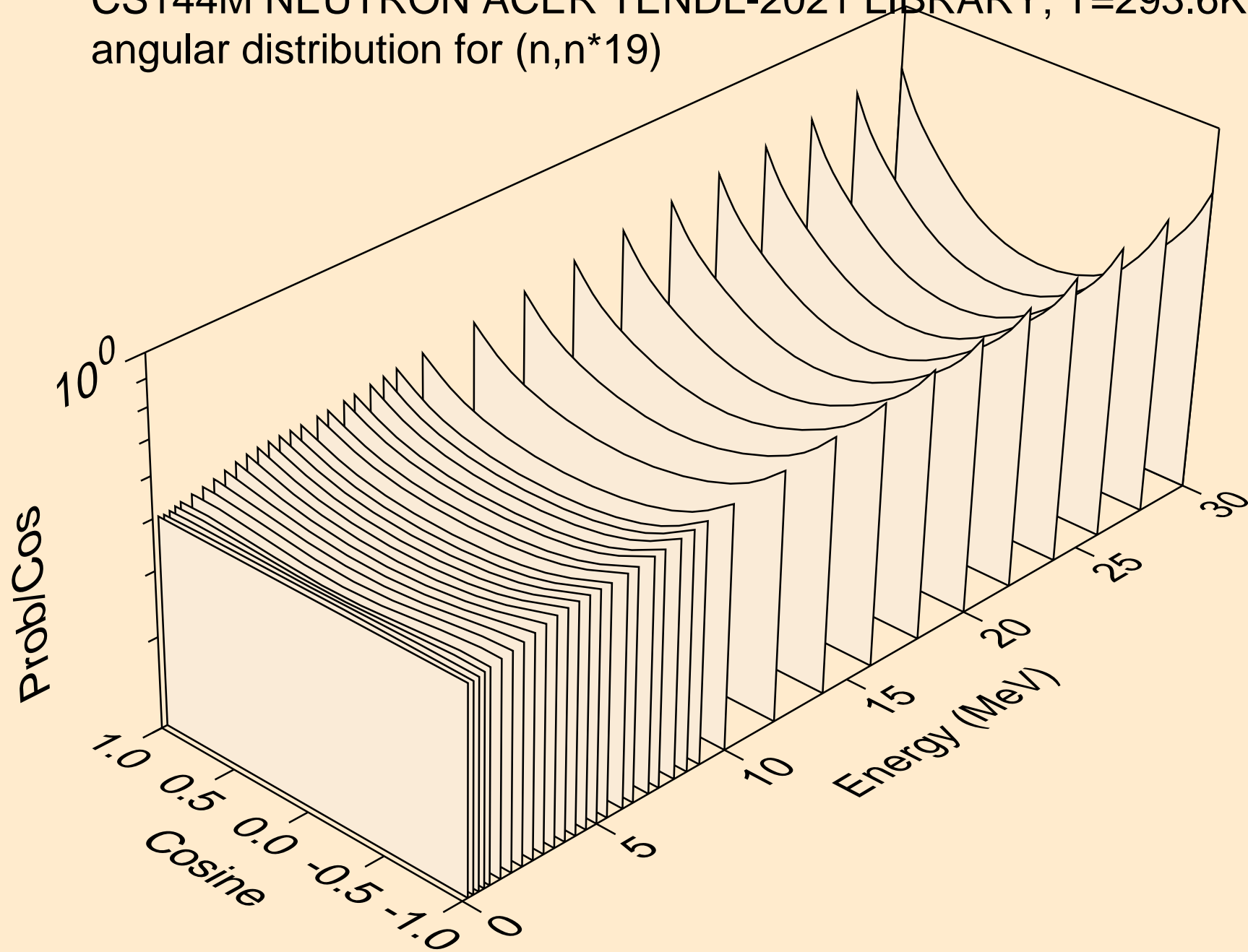
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*17)



CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*18)

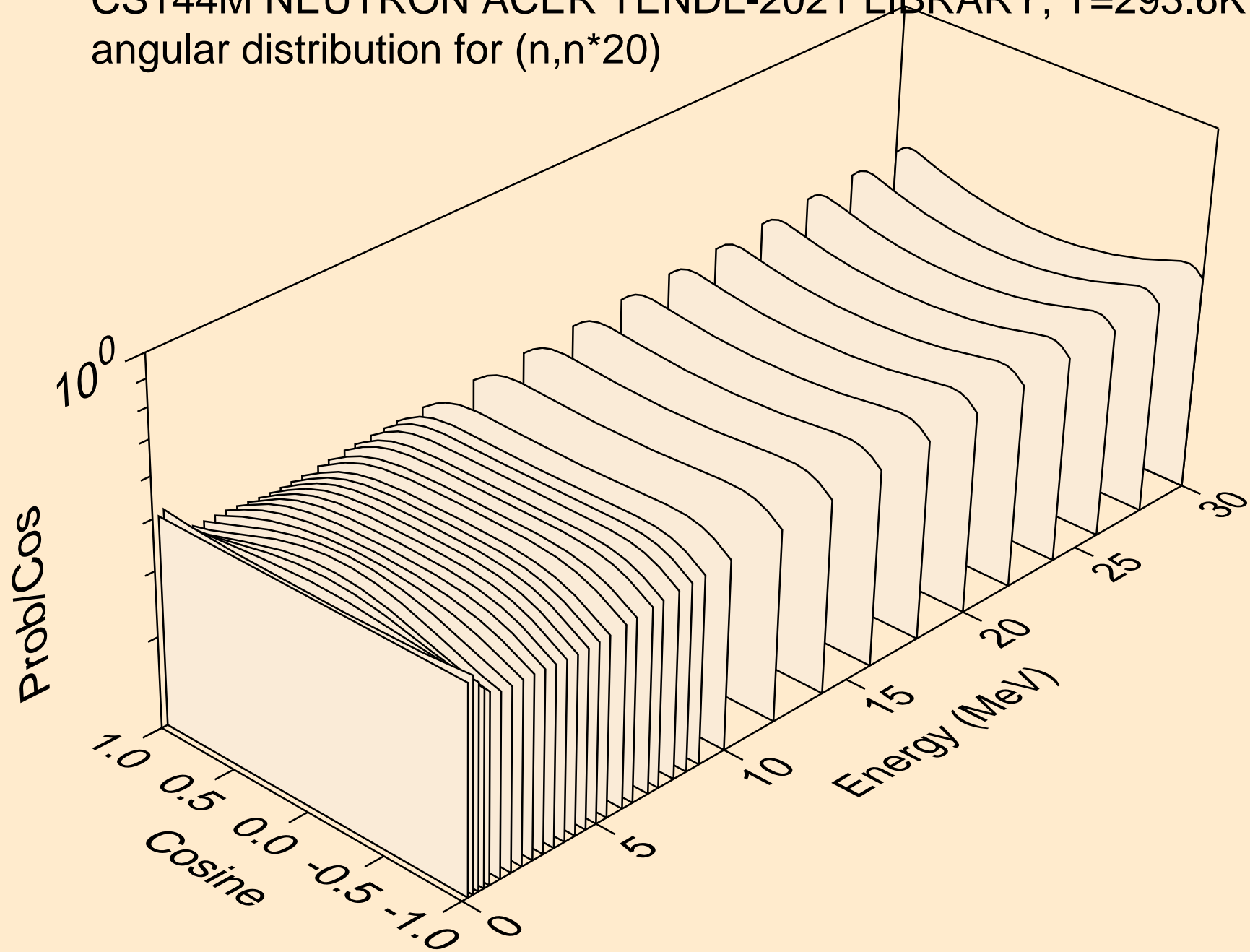


CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*19)

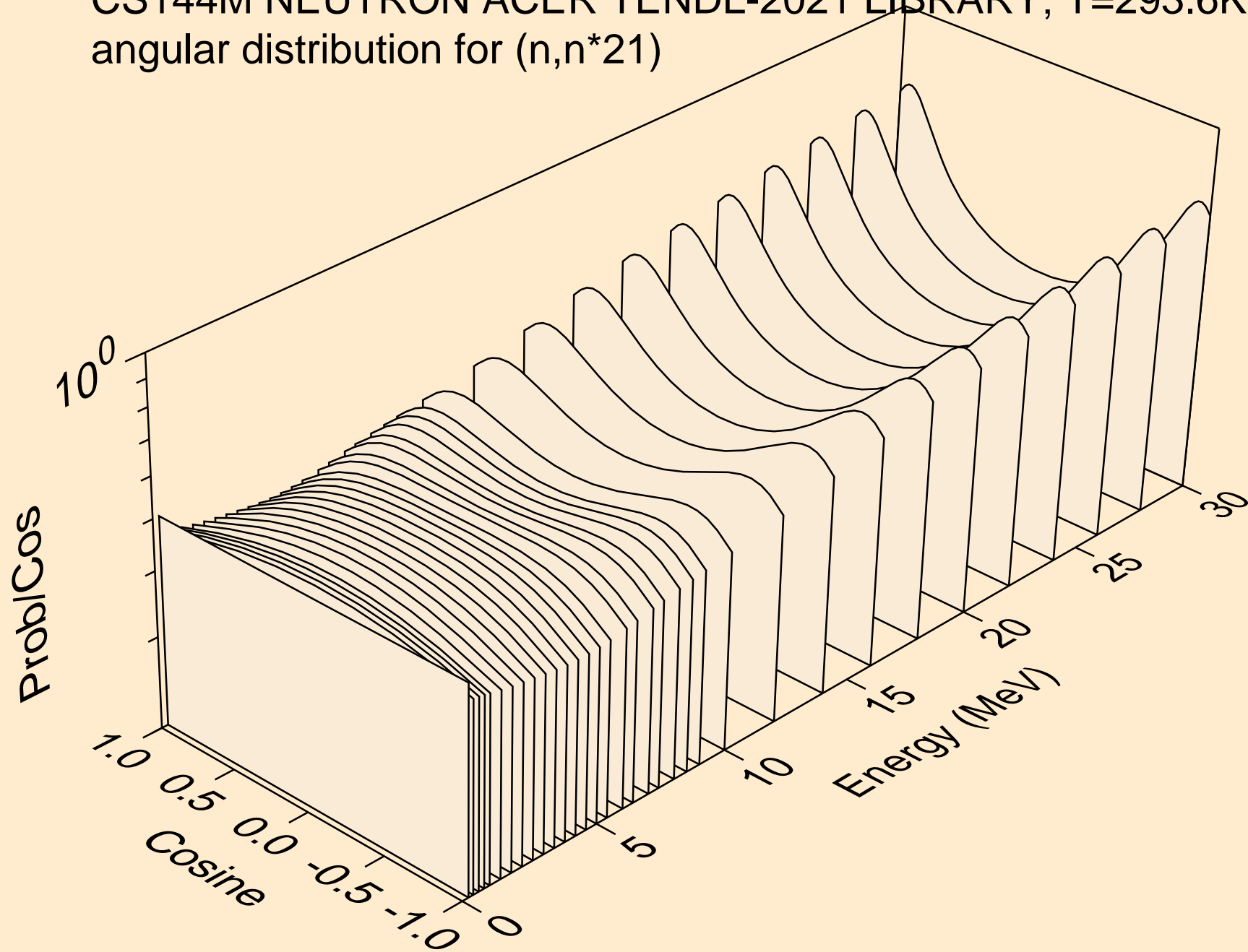




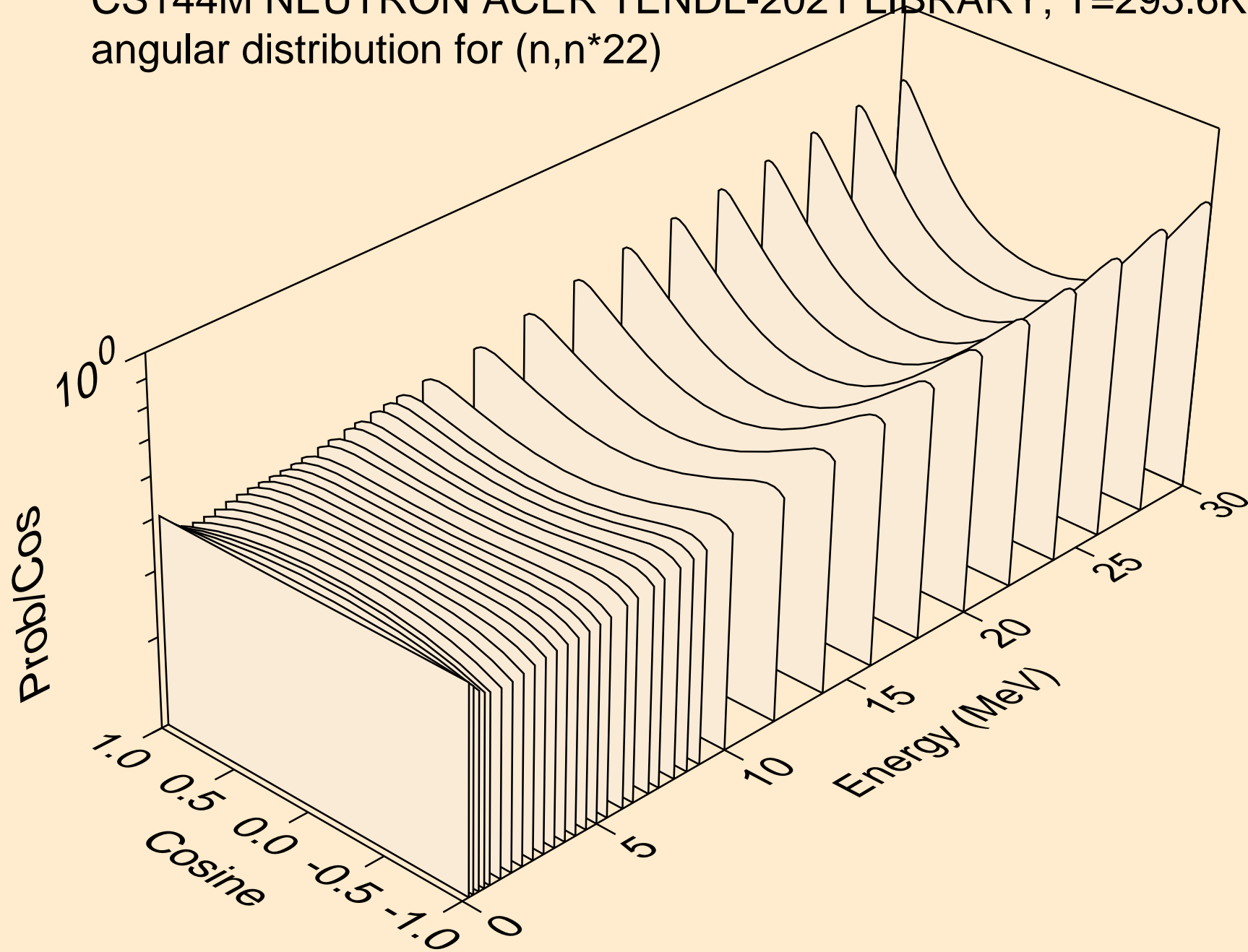
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*20)



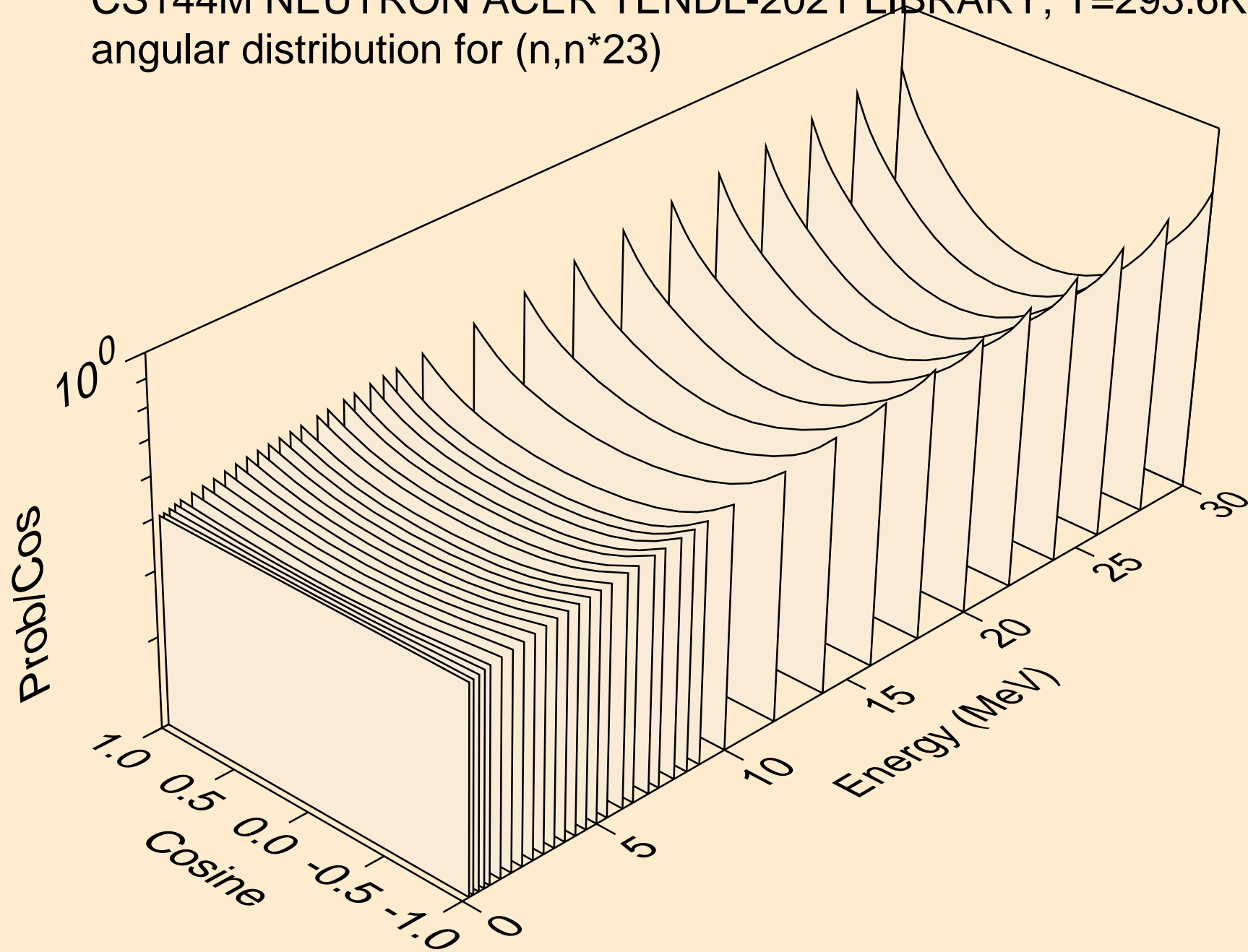
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*21)



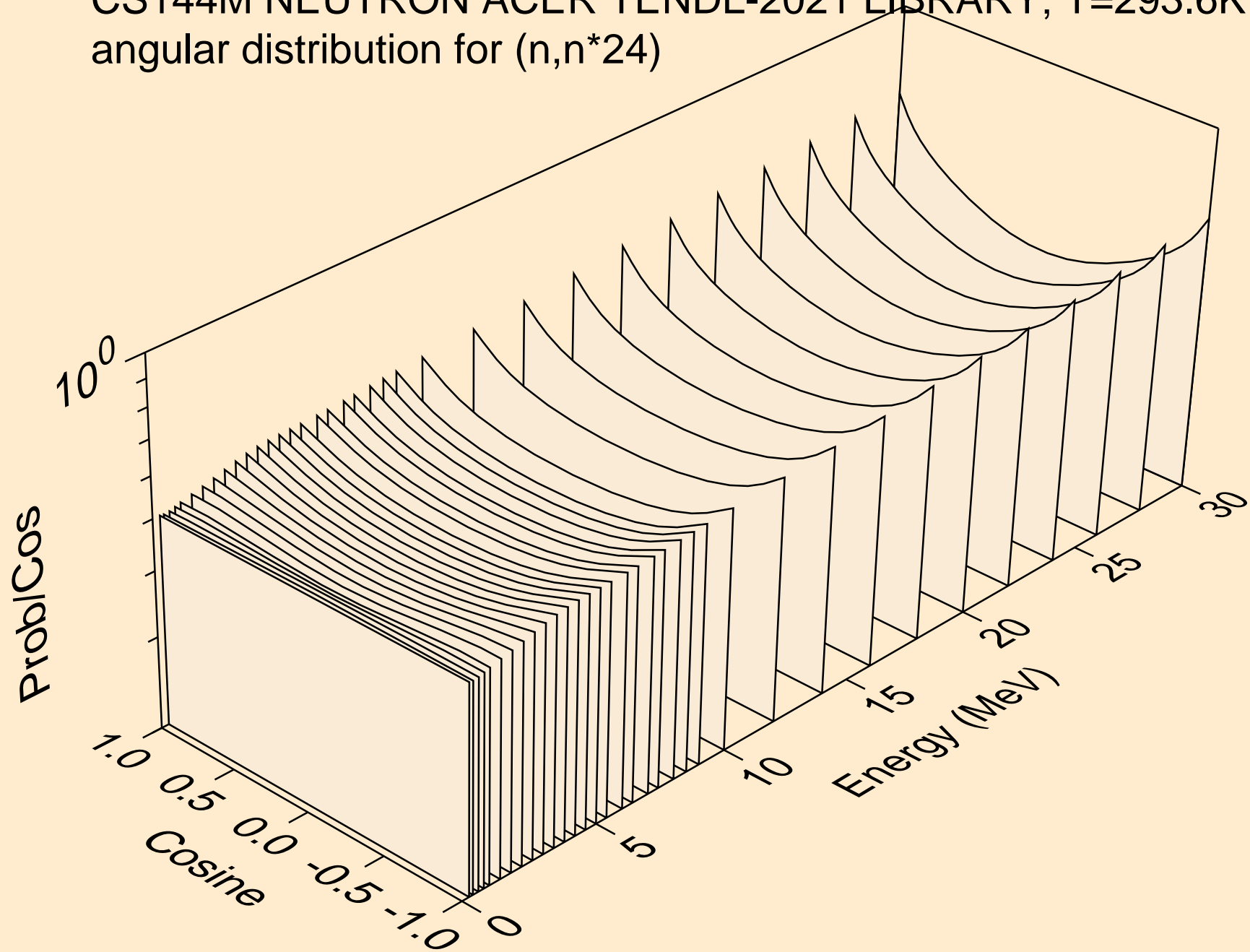
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*22)



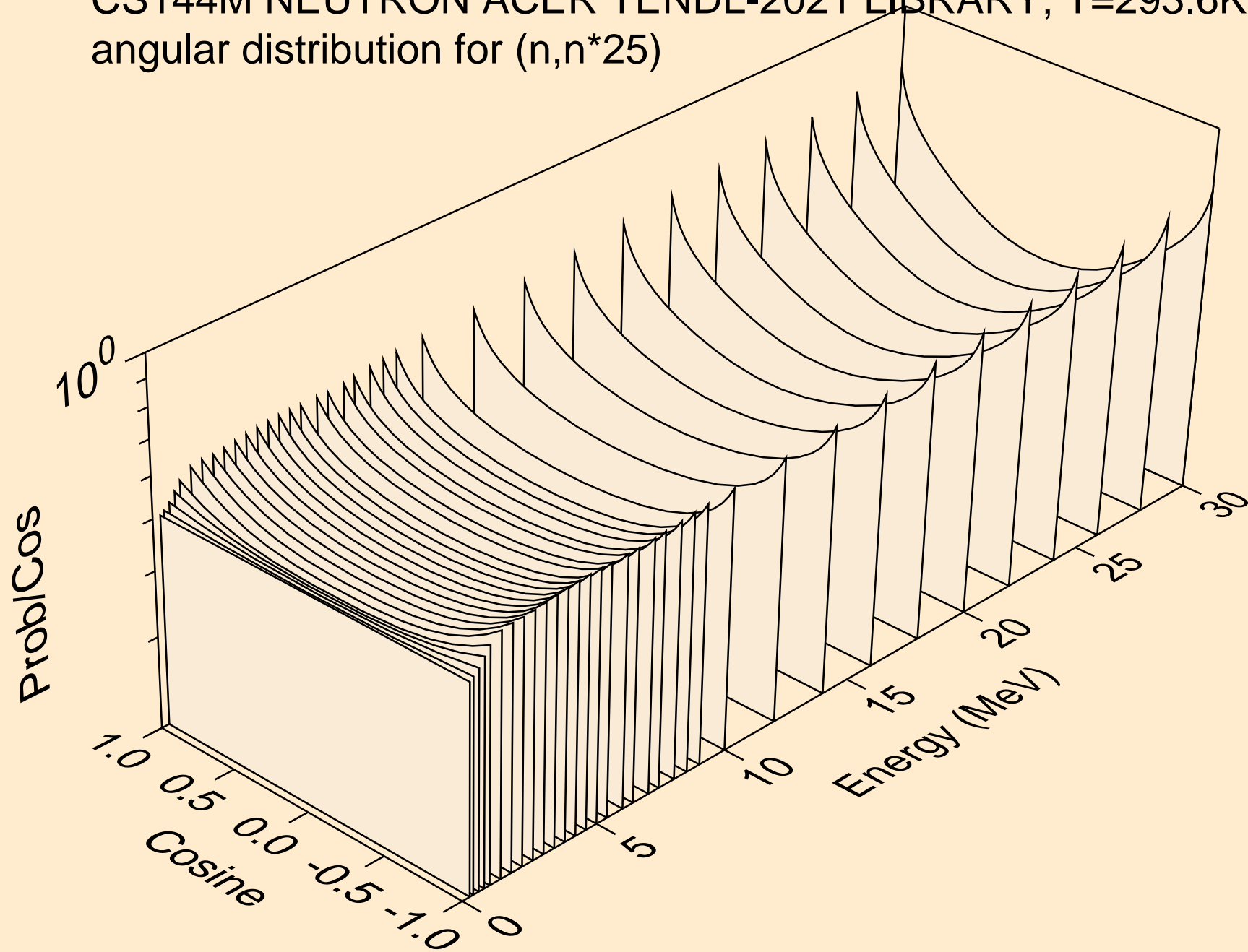
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*23)



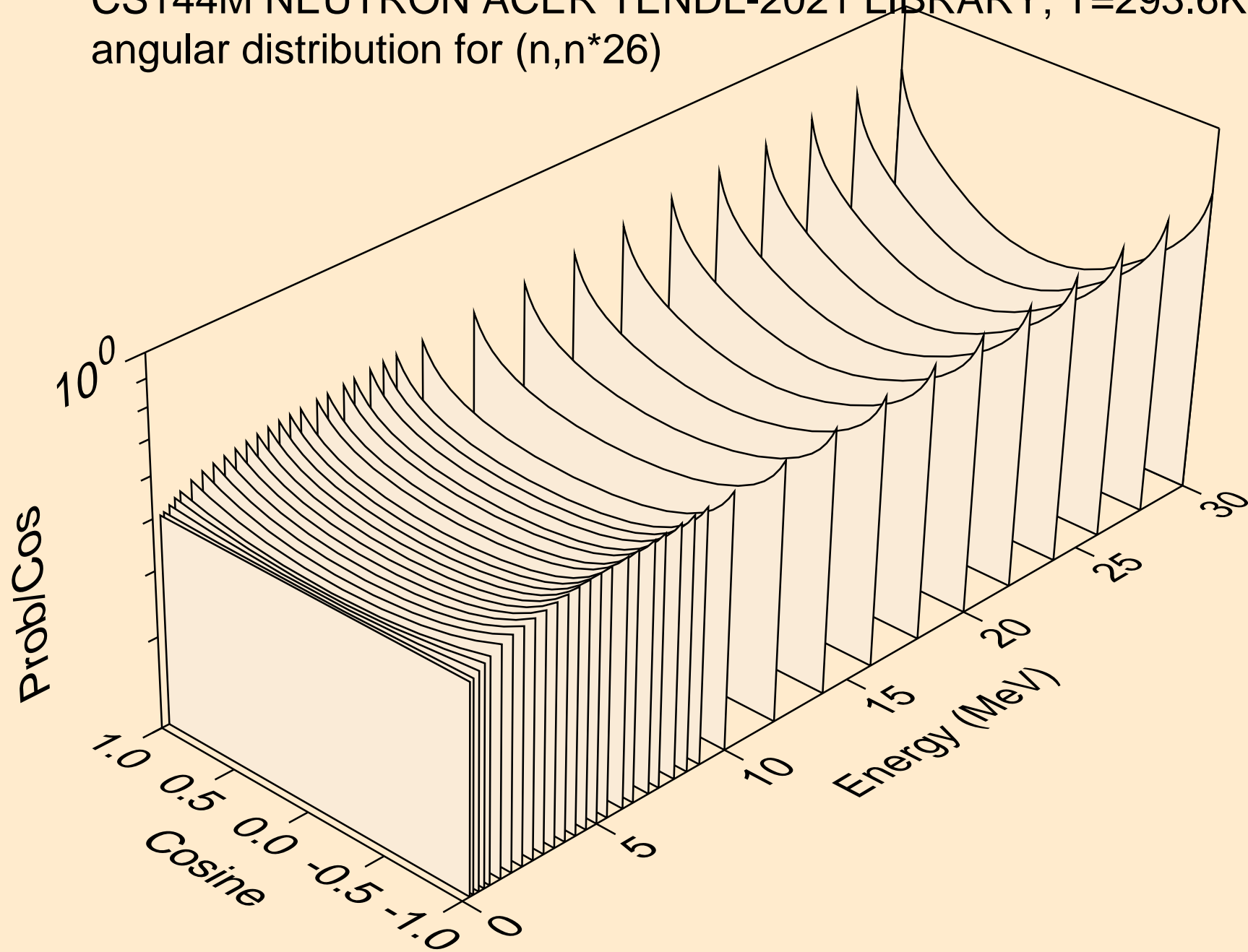
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*24)



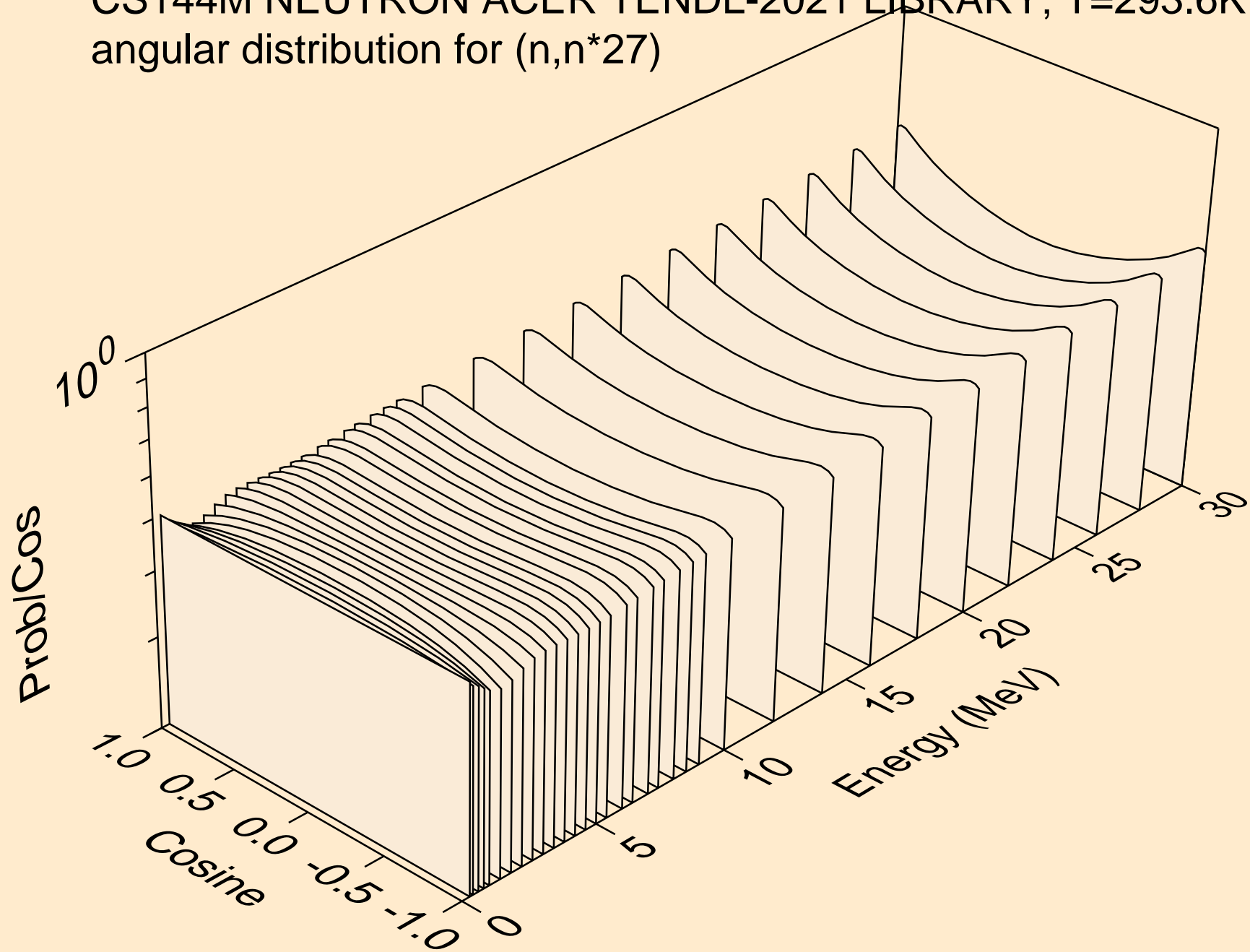
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*25)



CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*26)

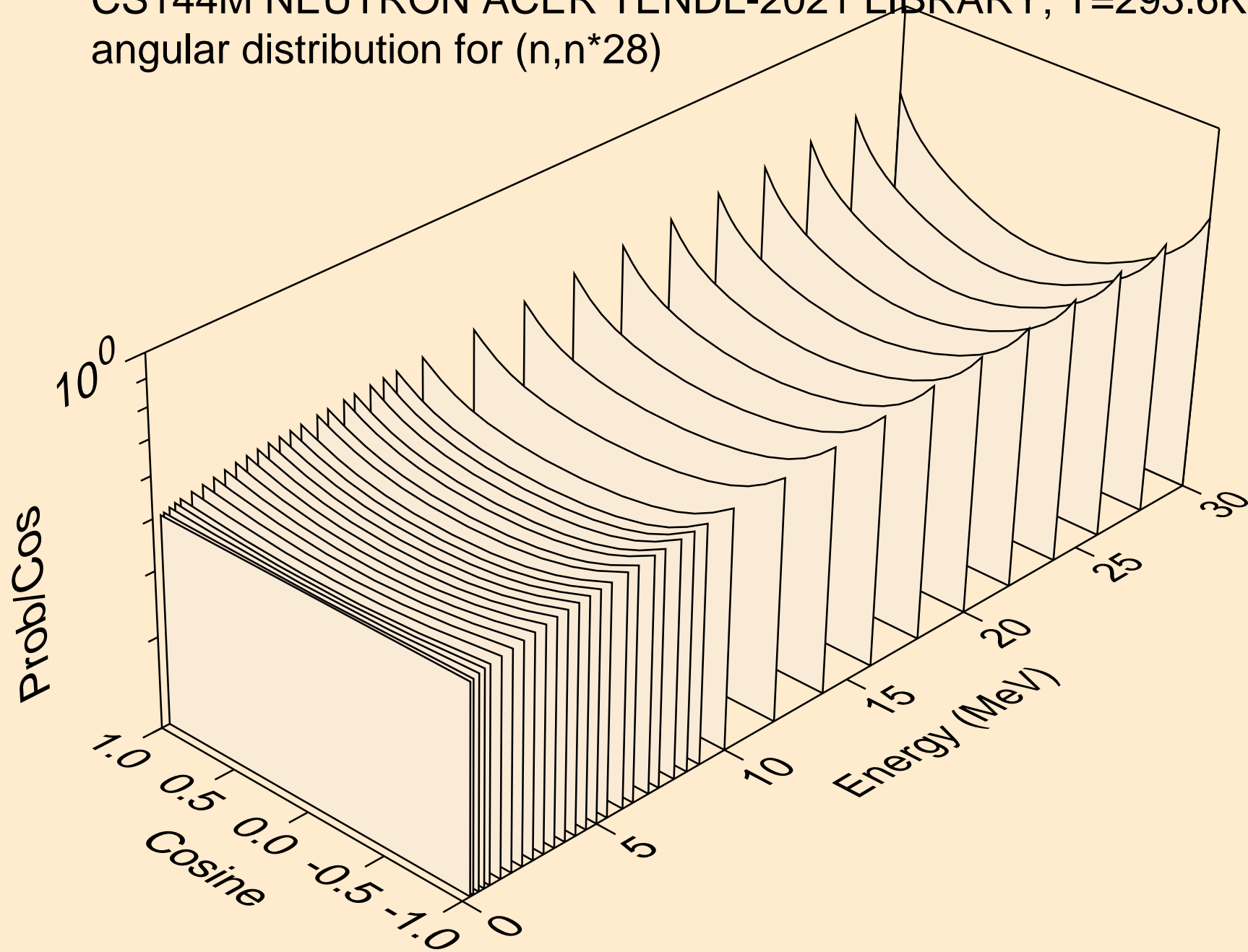


CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*27)

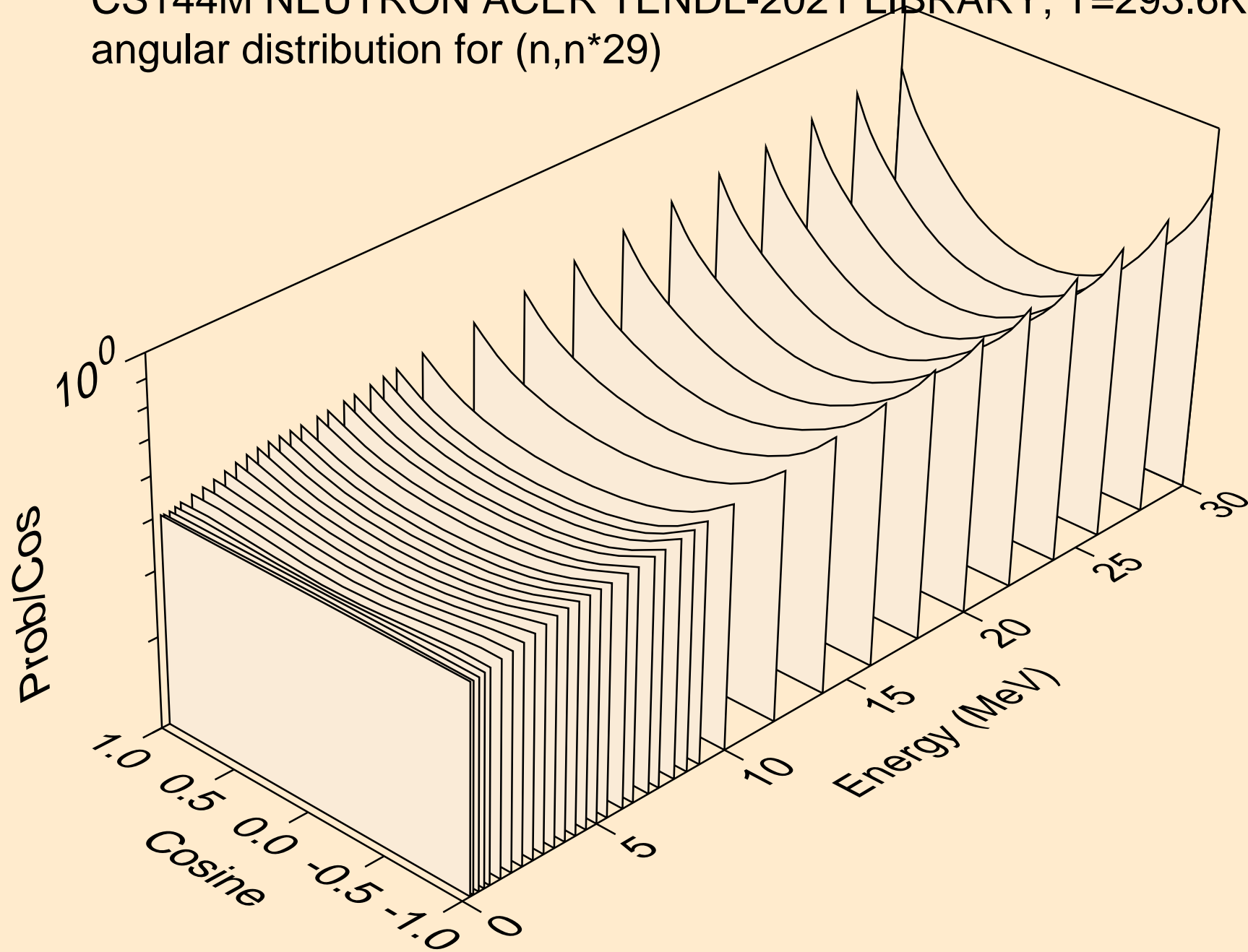




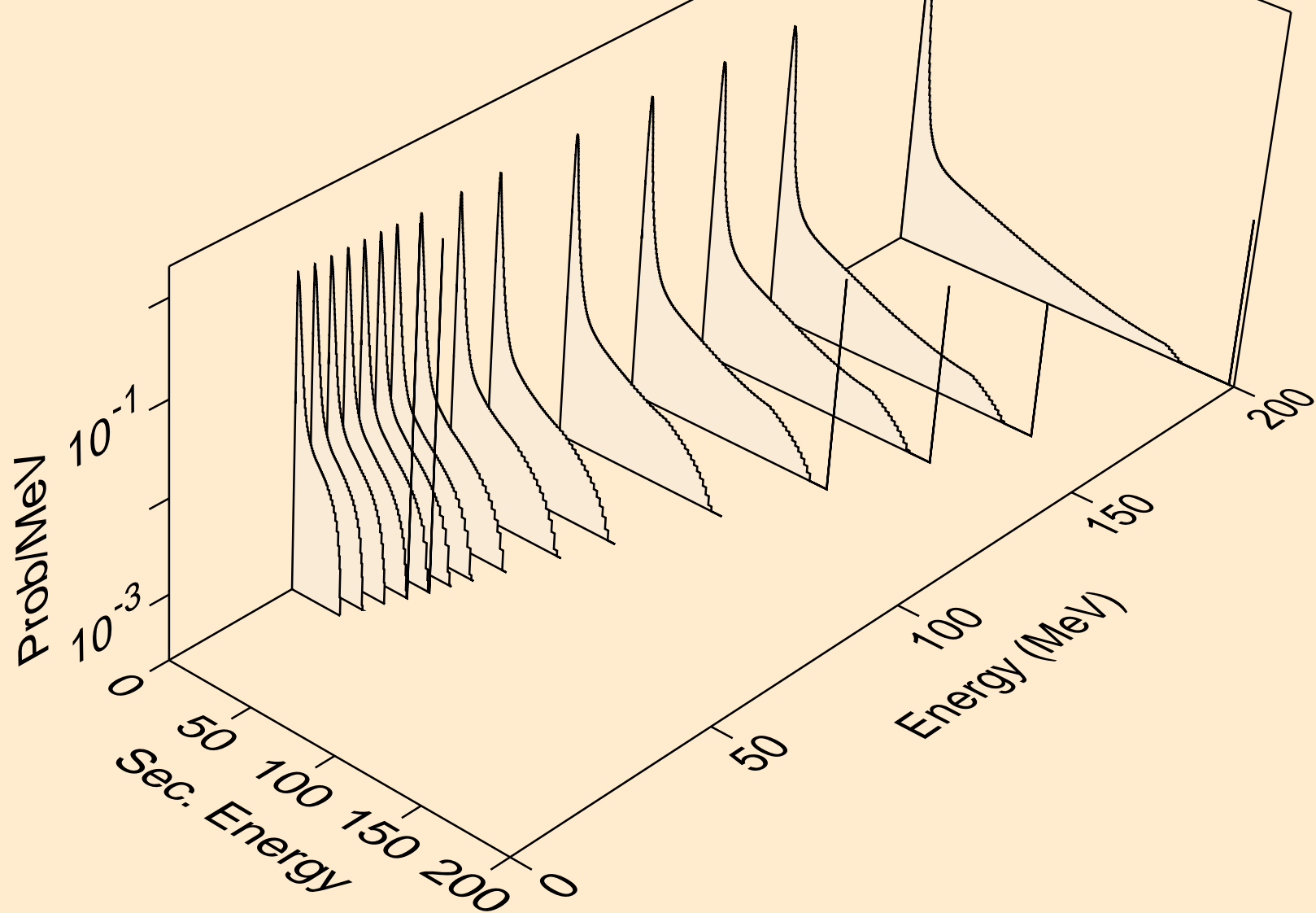
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*28)



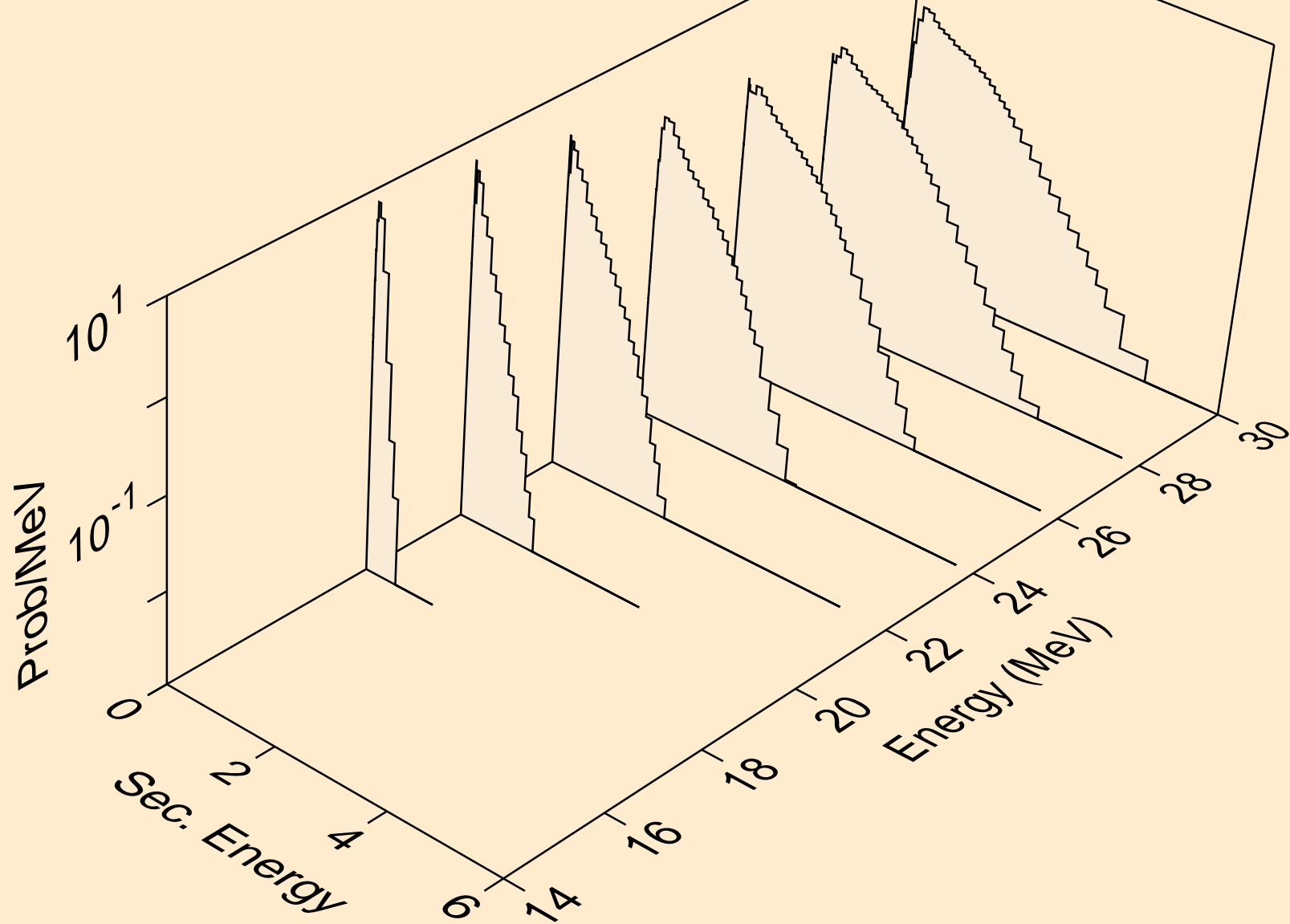
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*29)



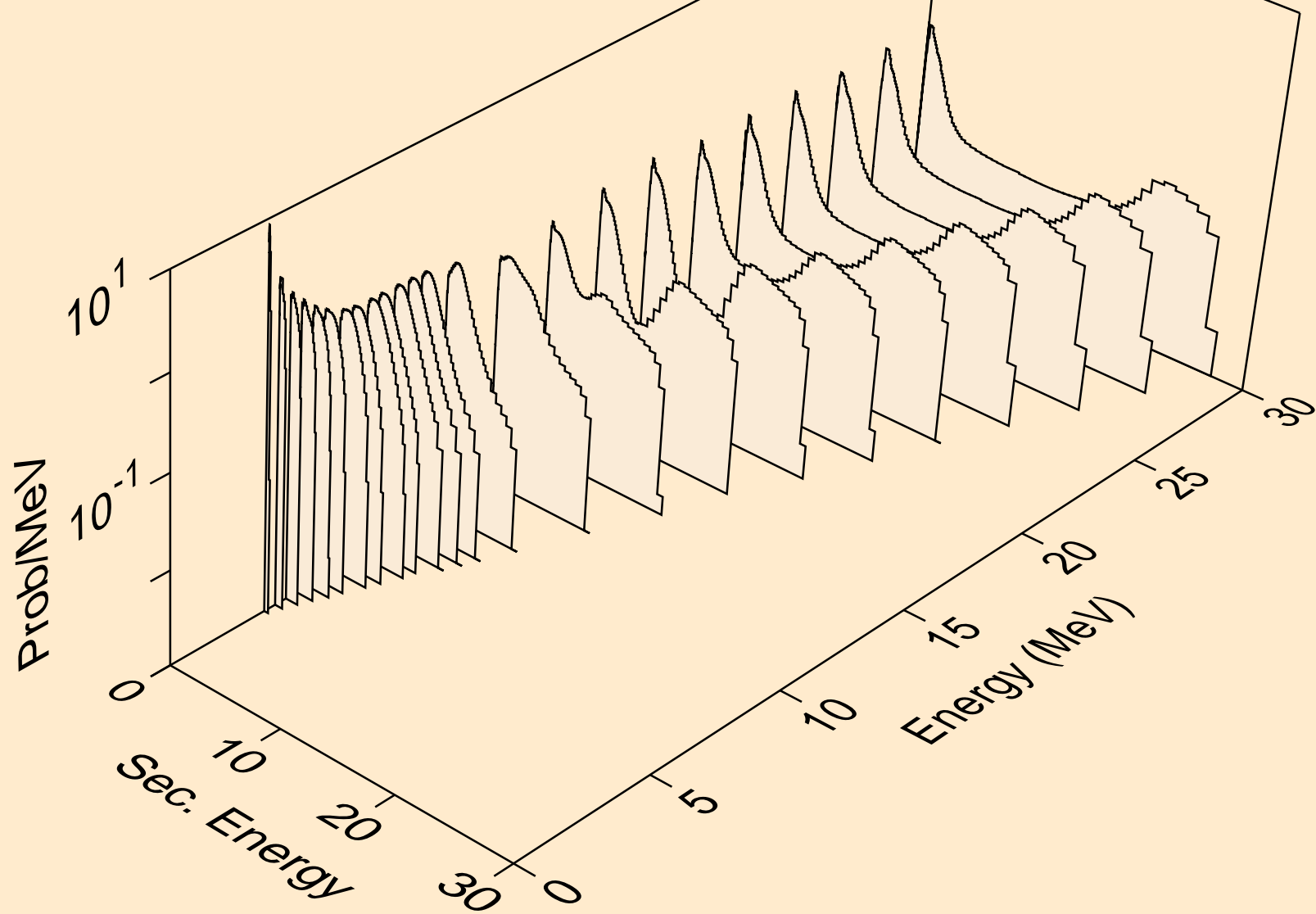
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)



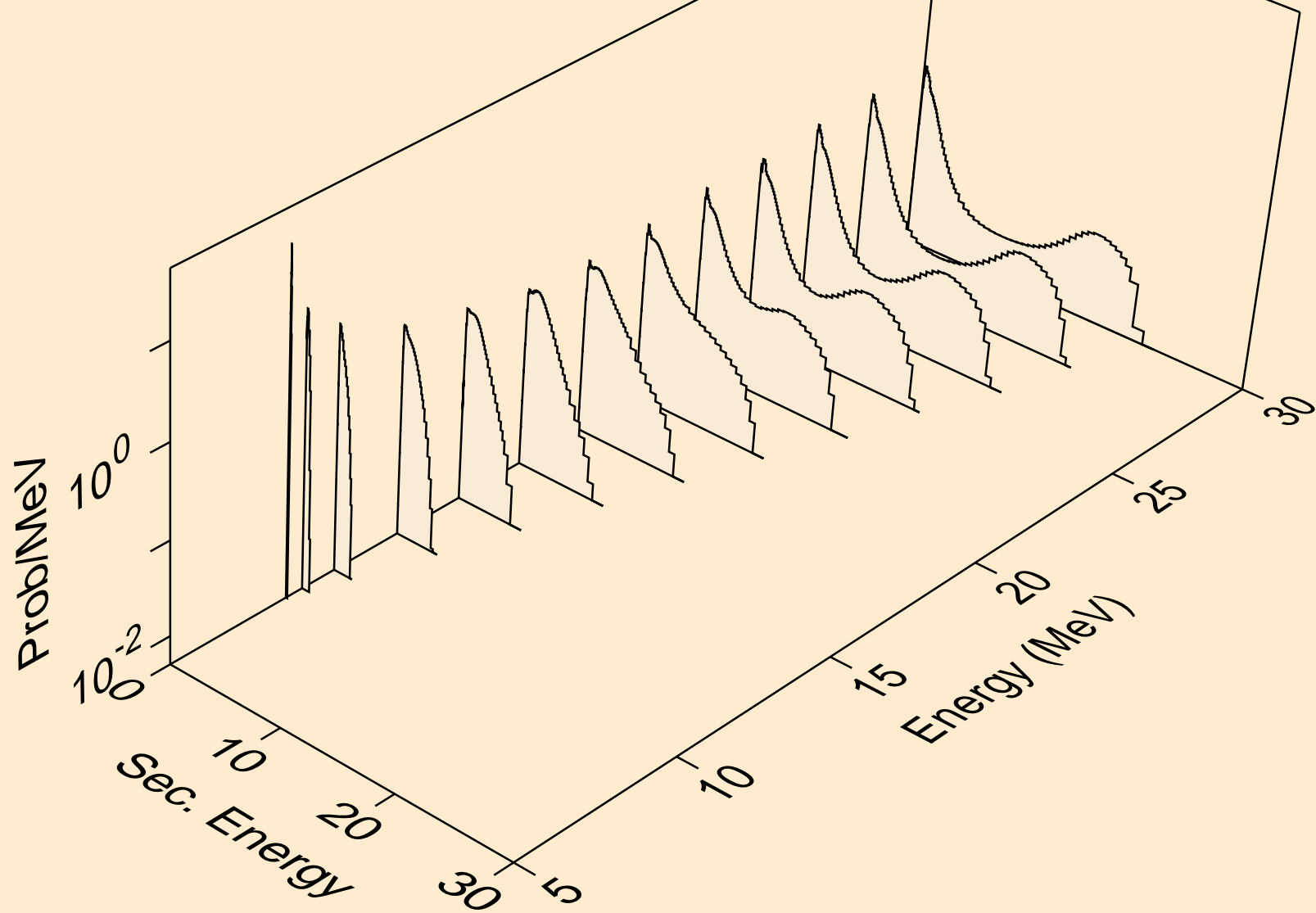
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



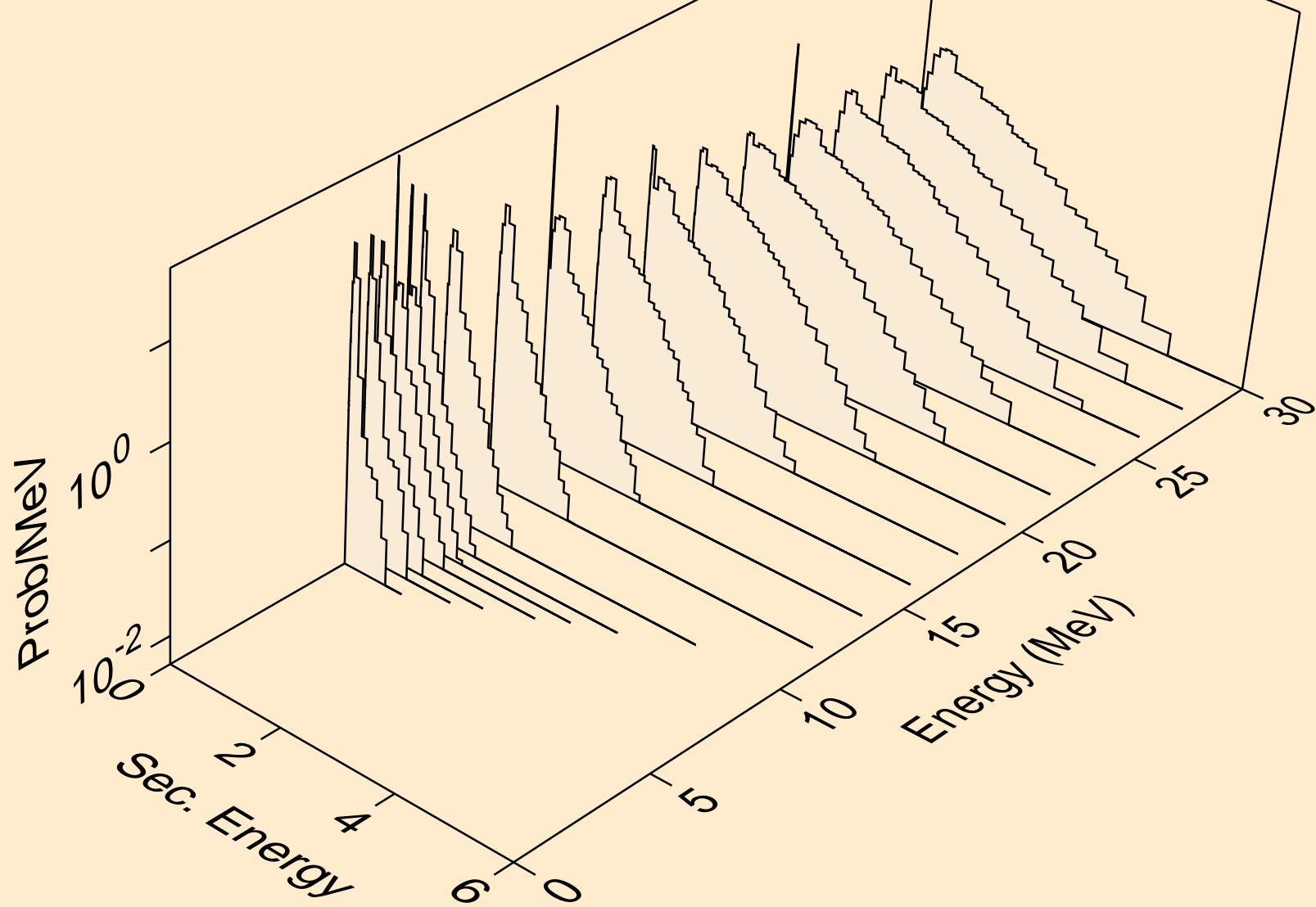
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



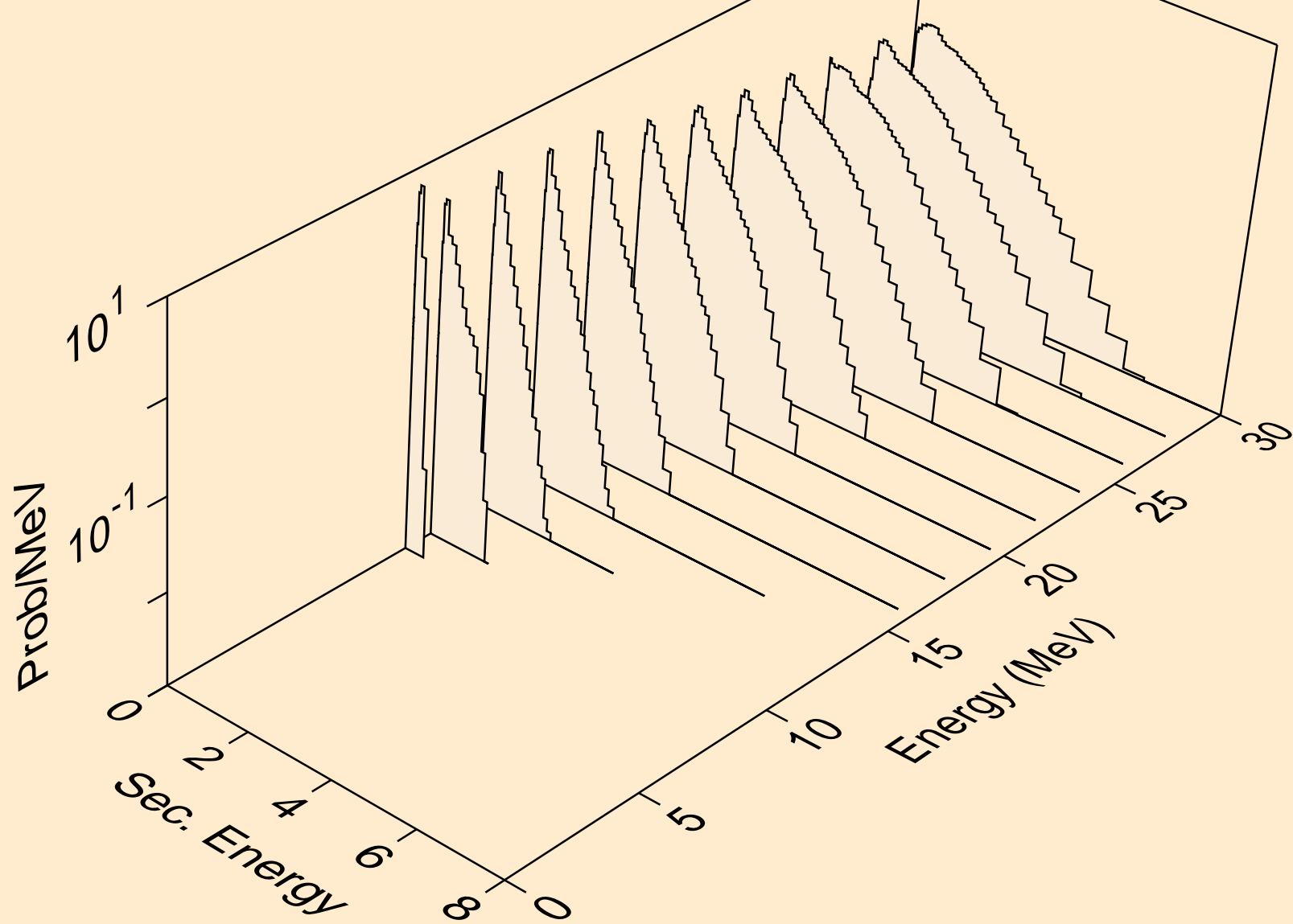
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a

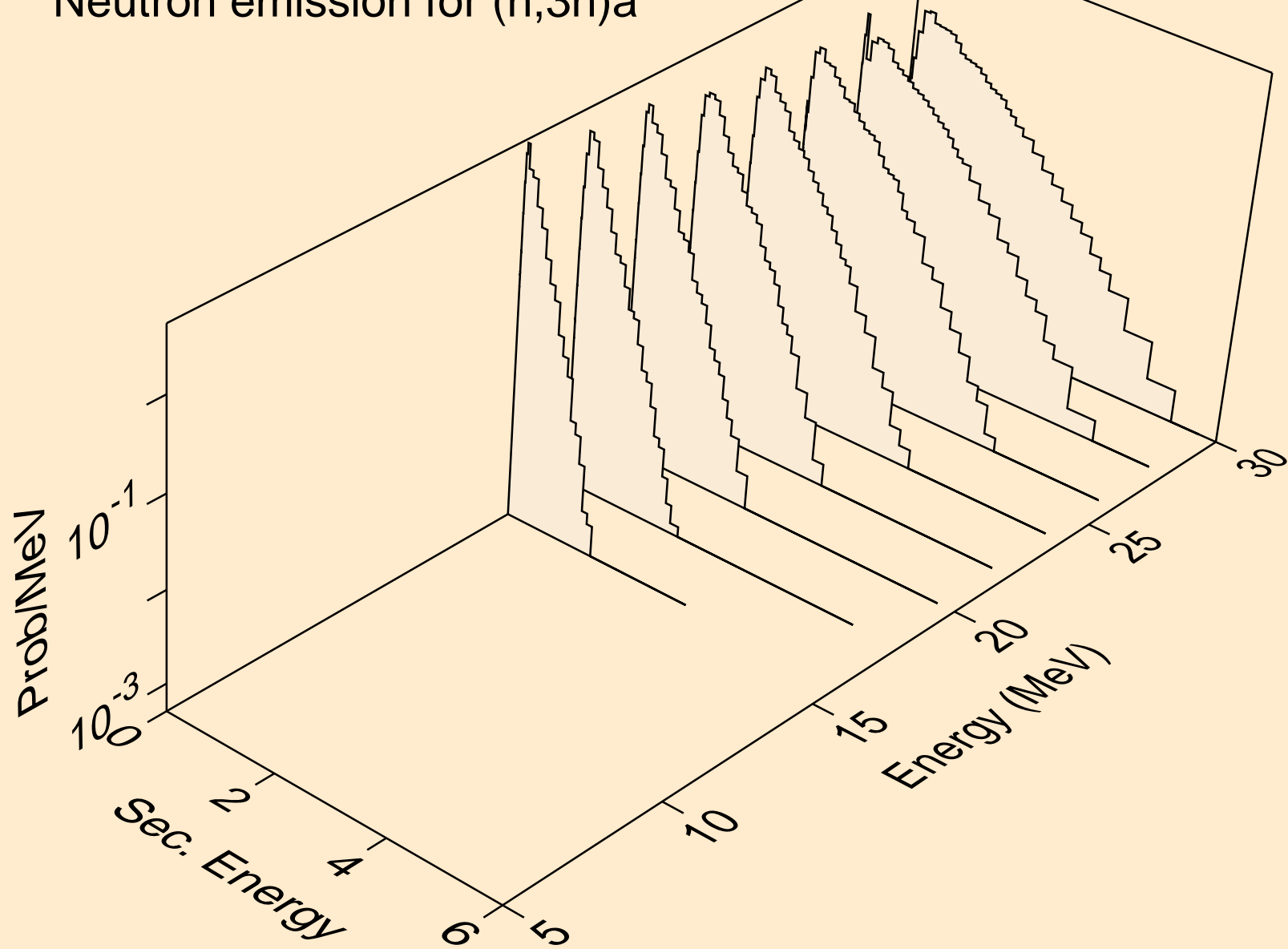


CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)a

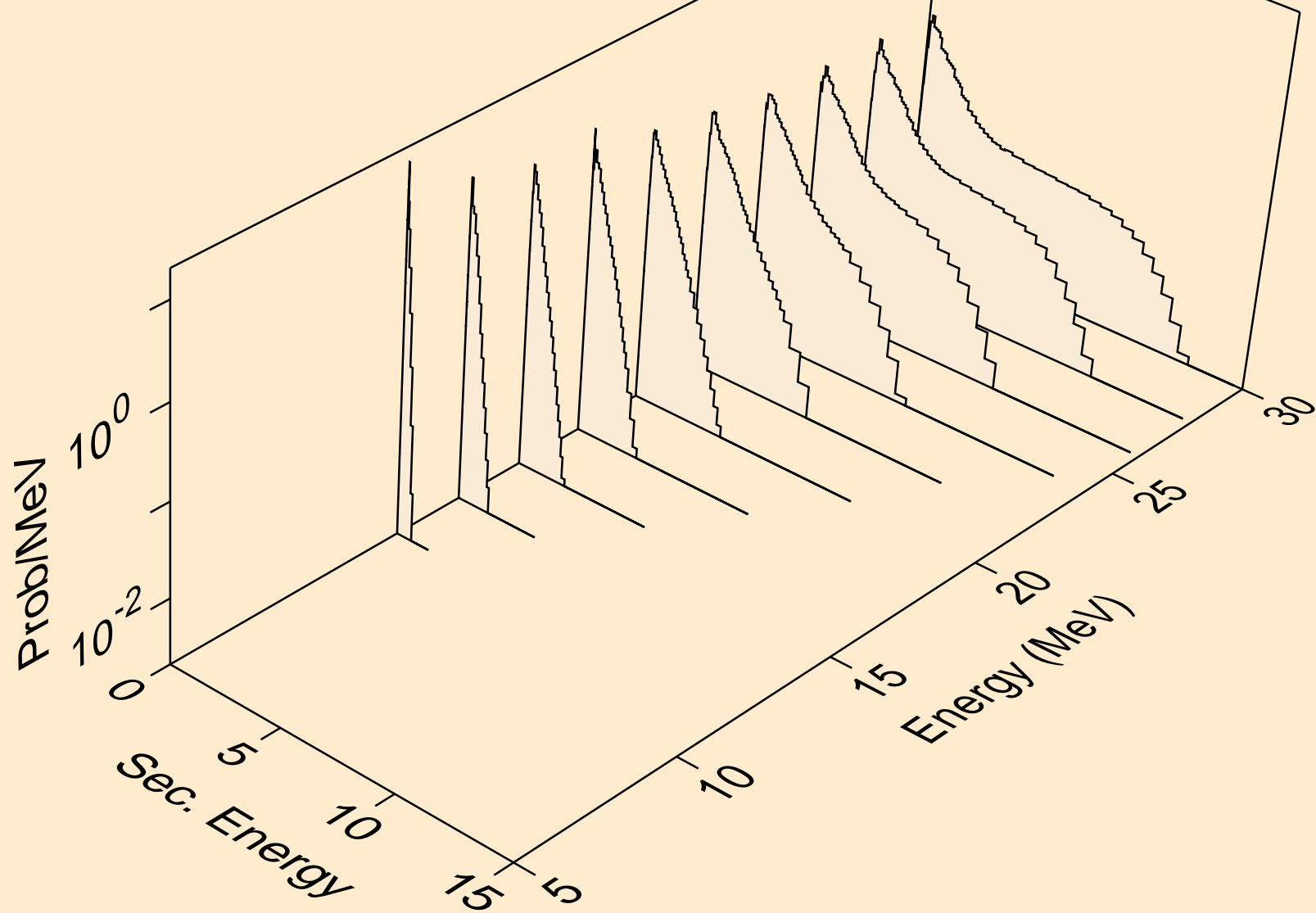




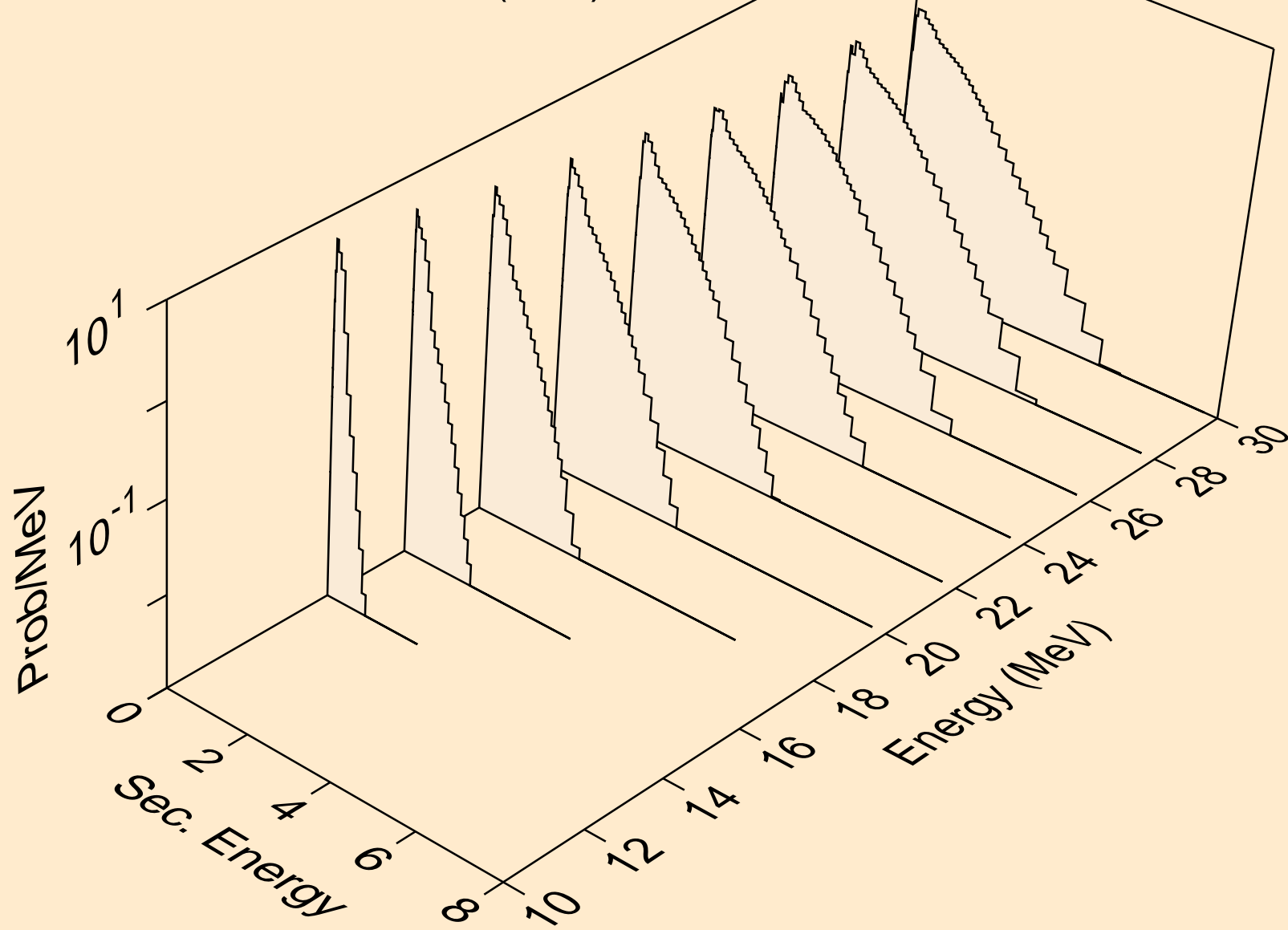
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)a



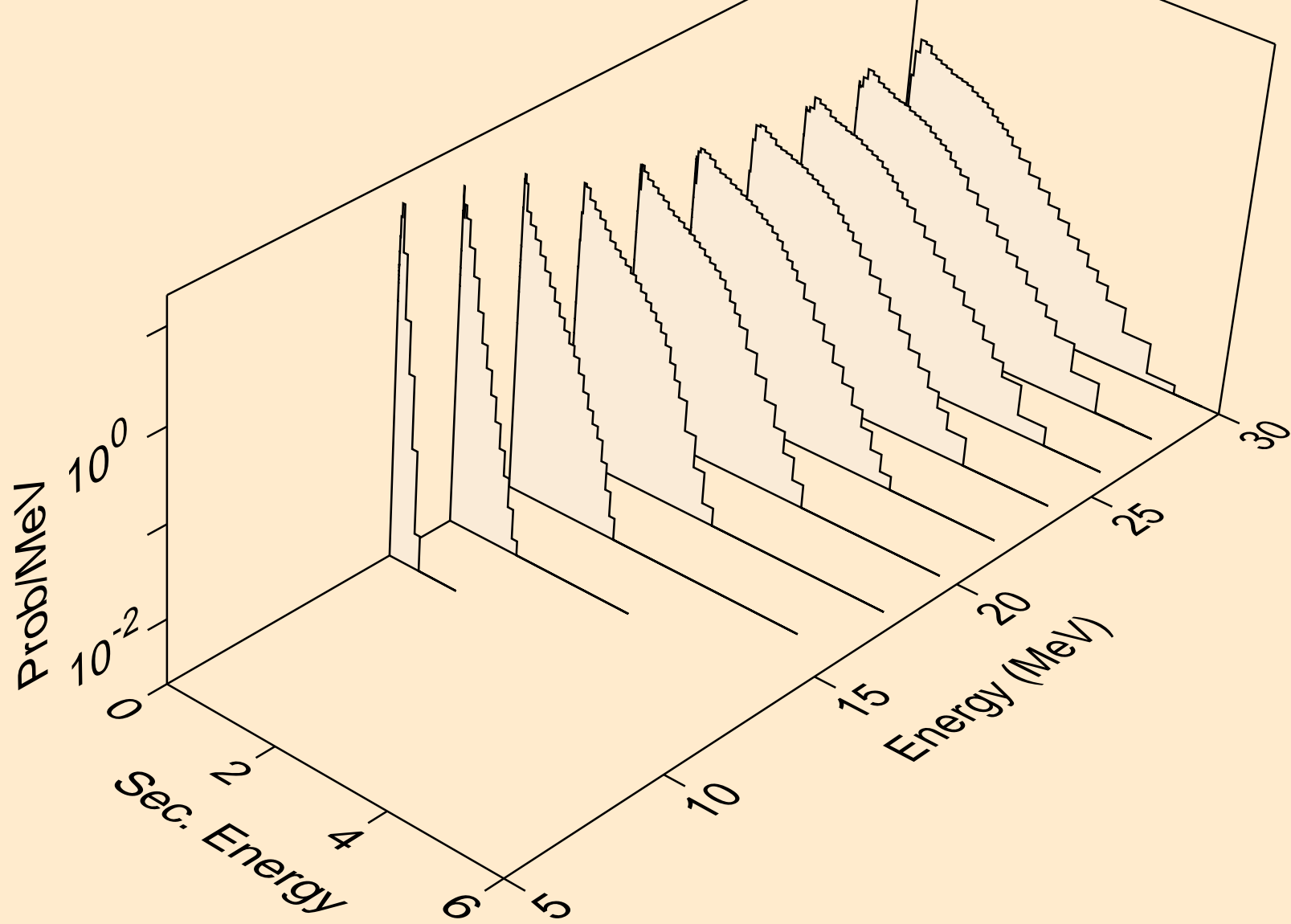
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



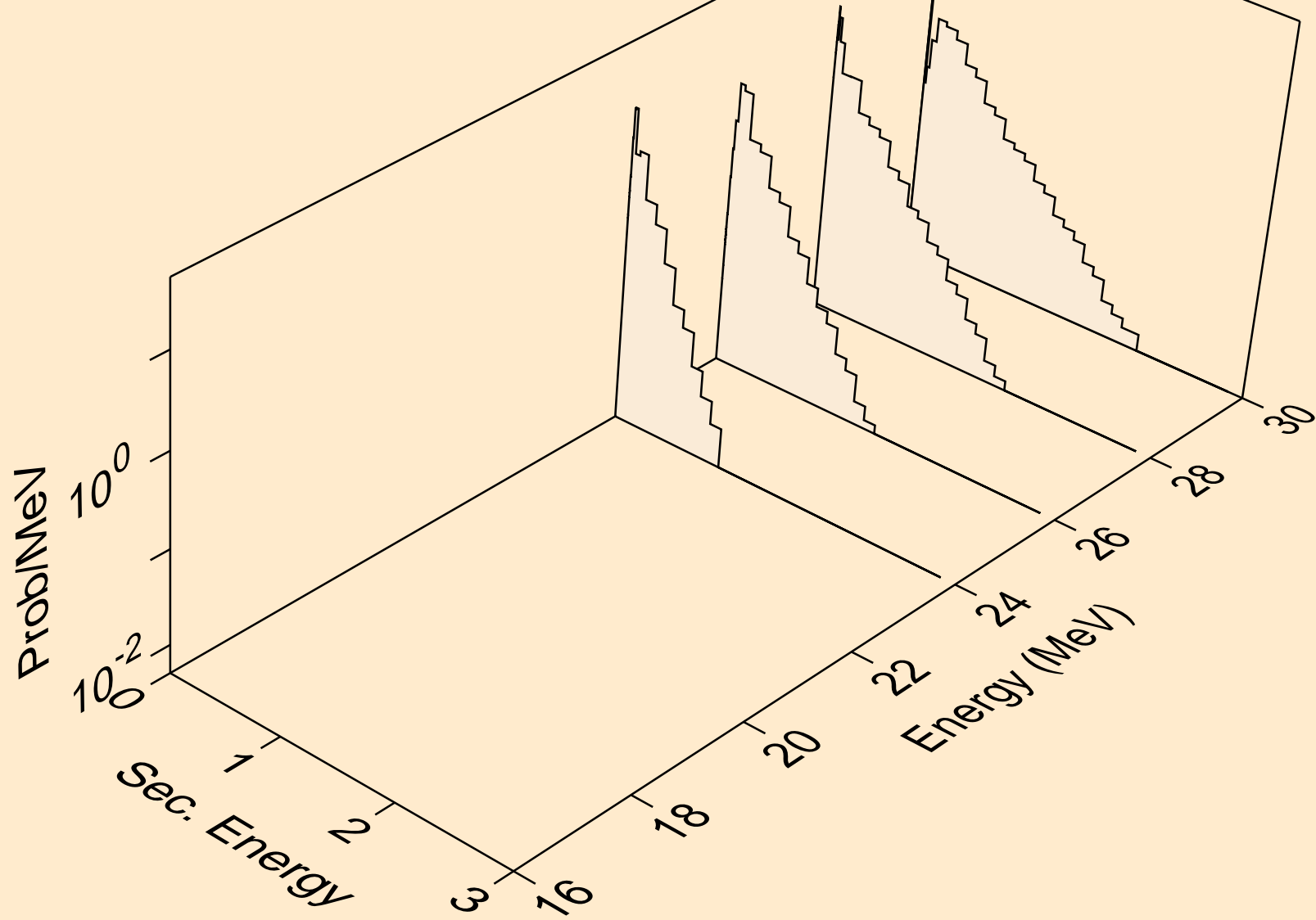
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



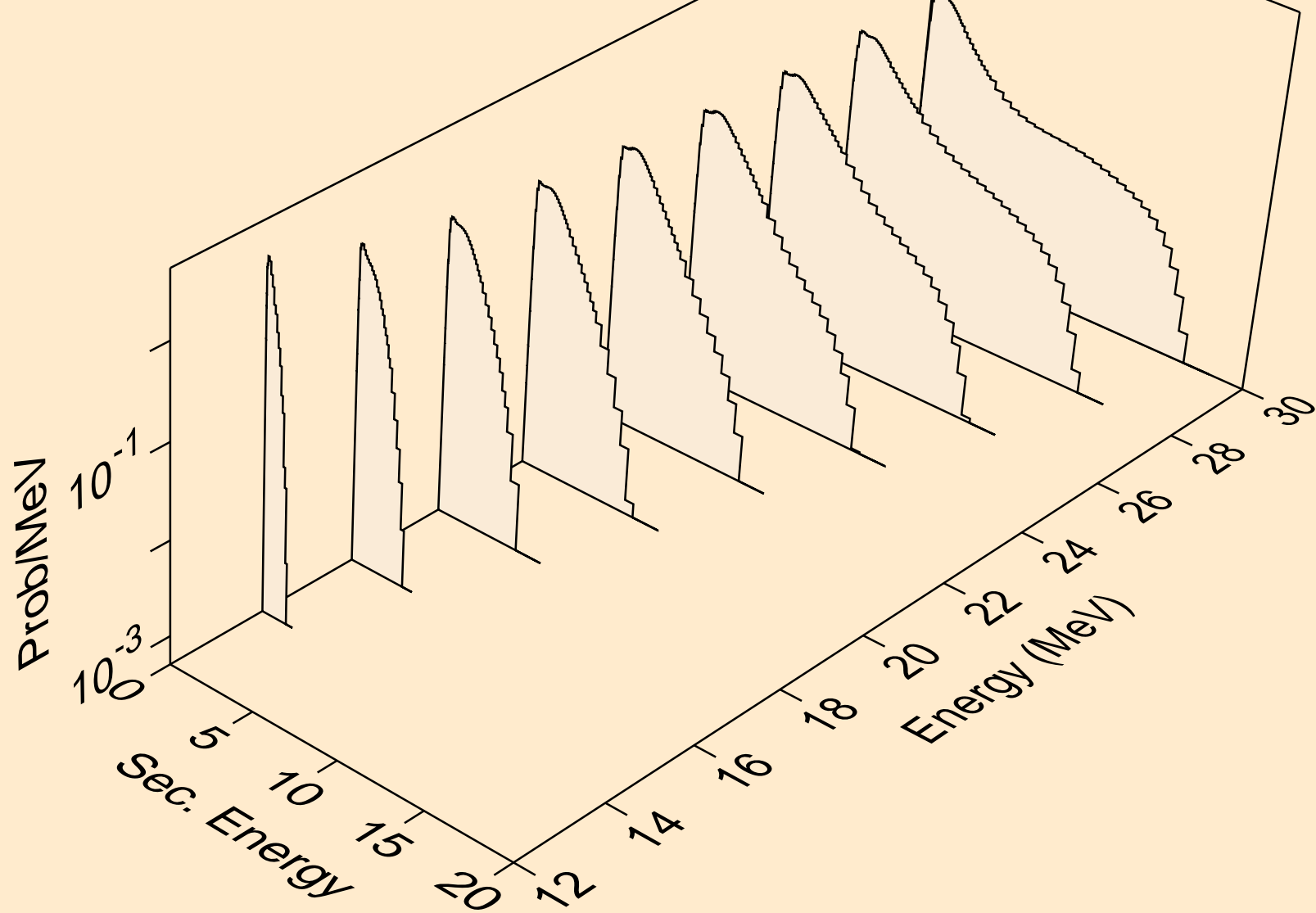
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



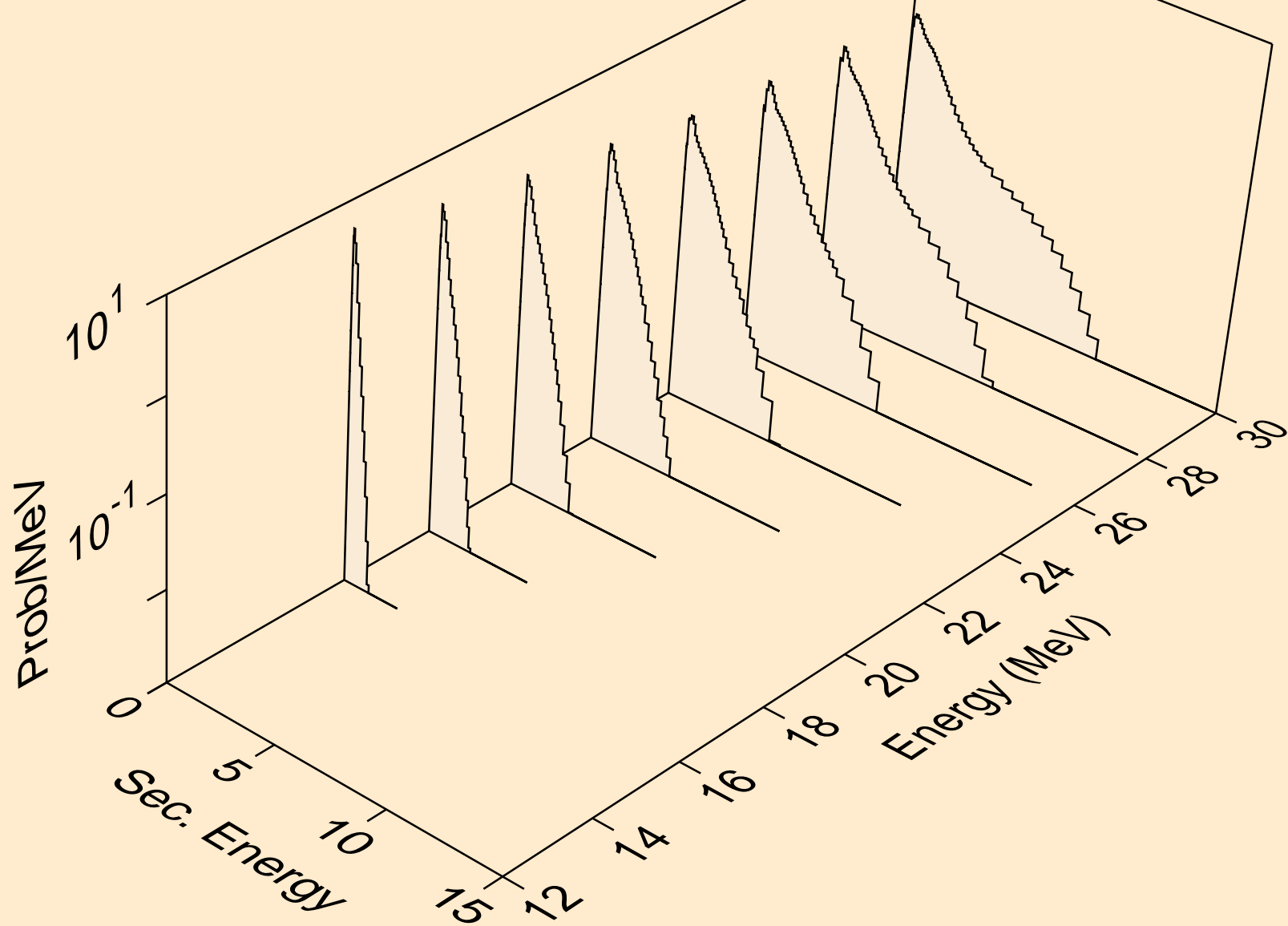
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



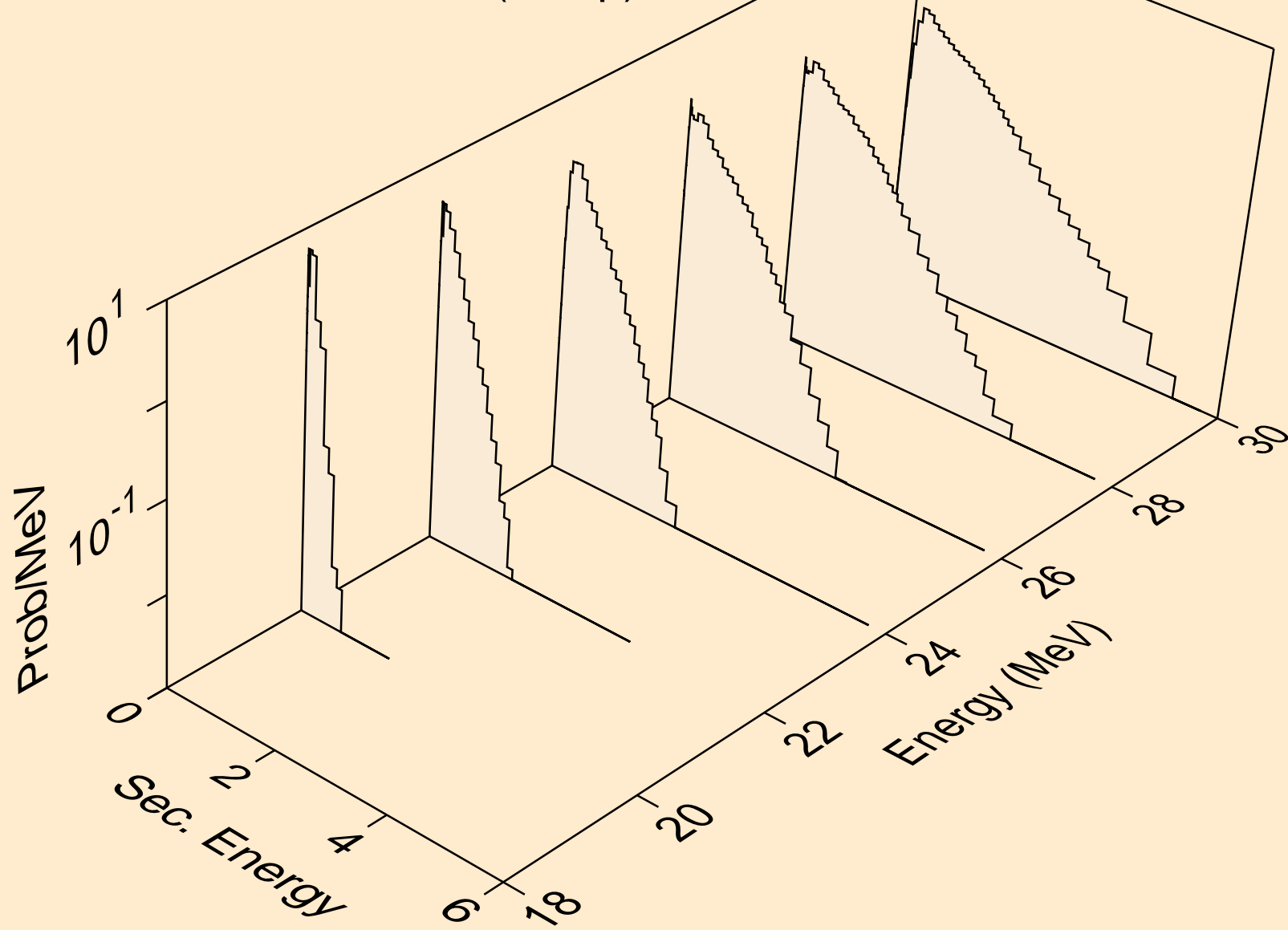
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,4n)



CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)

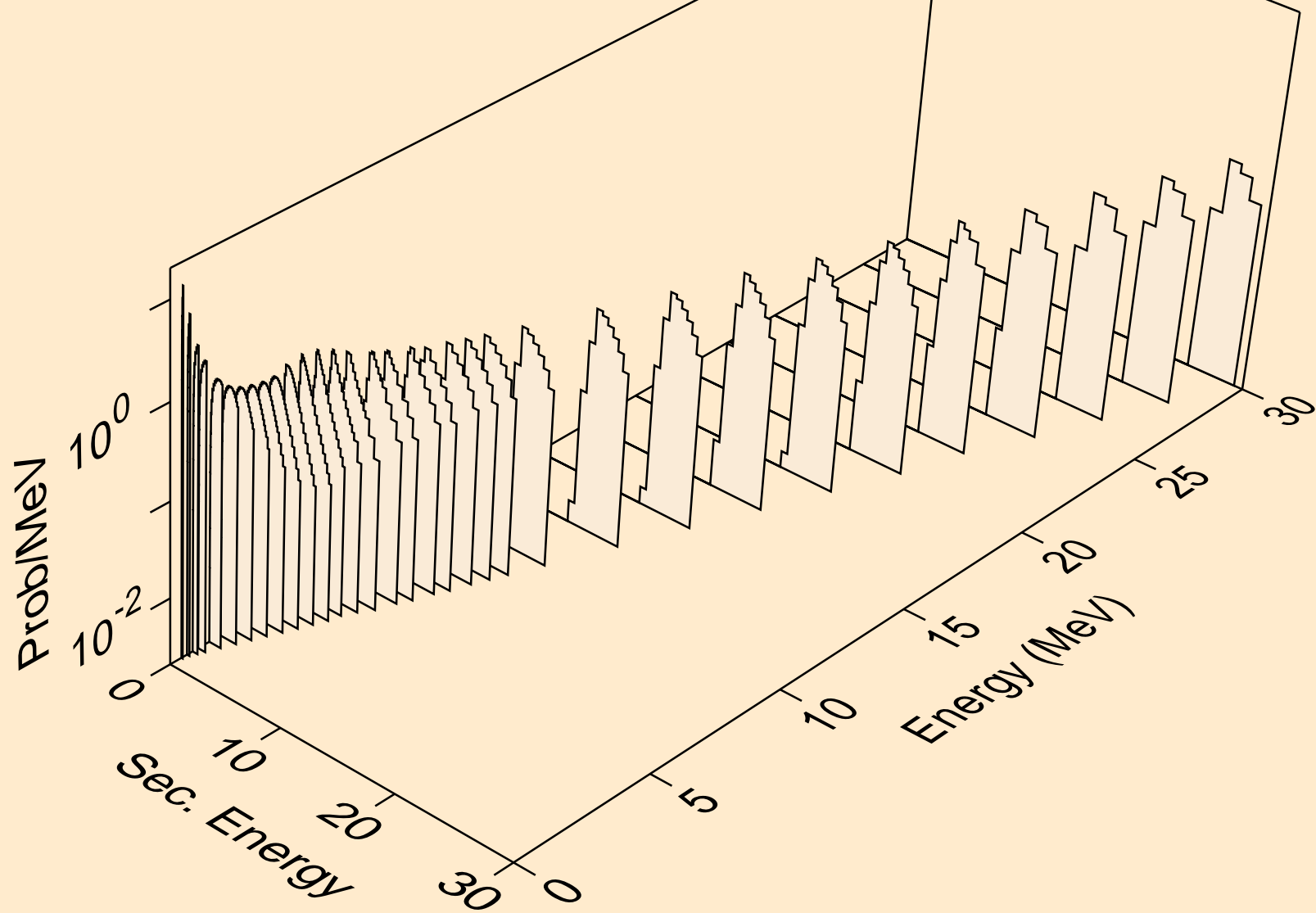


CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3np)

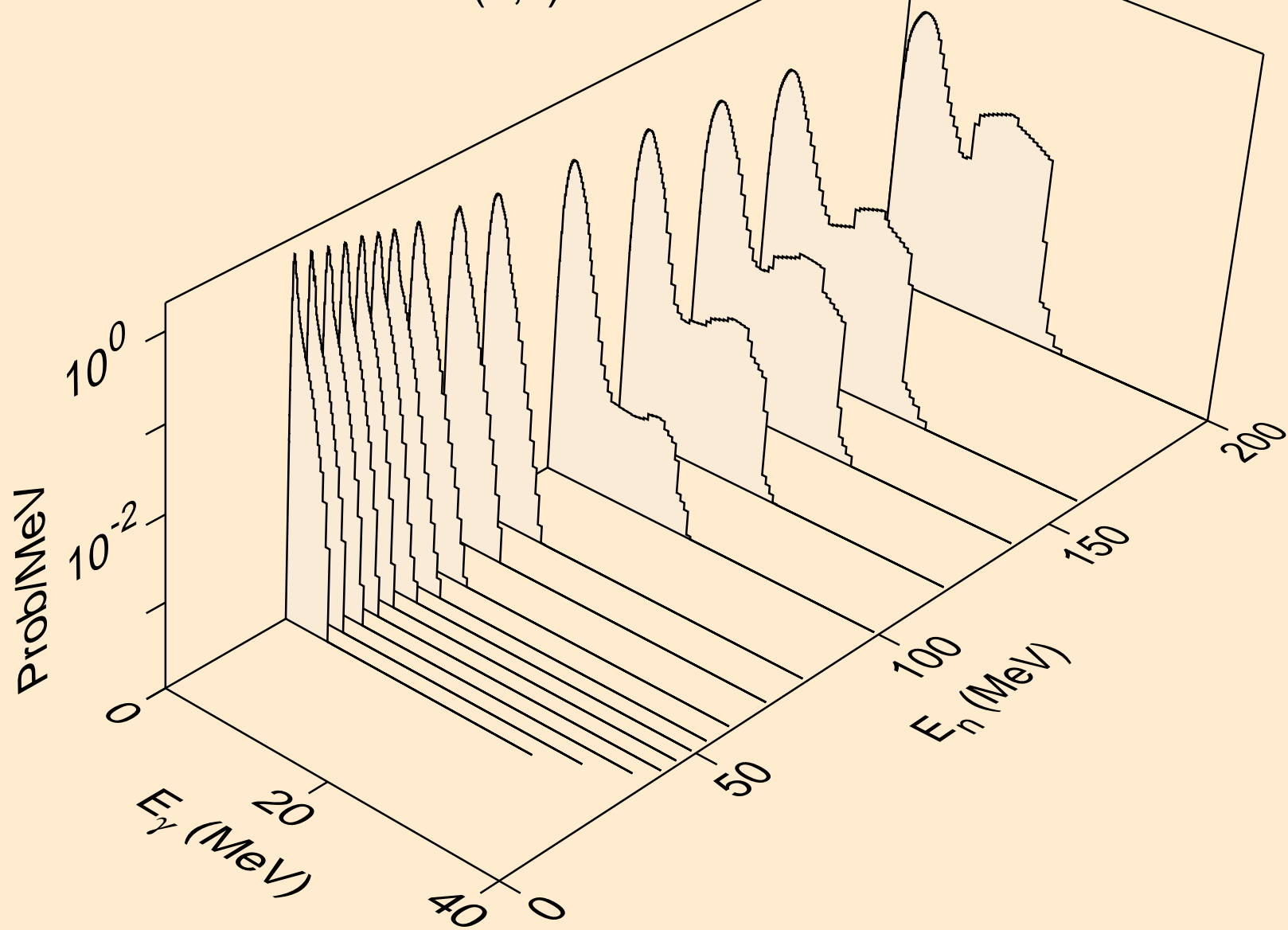




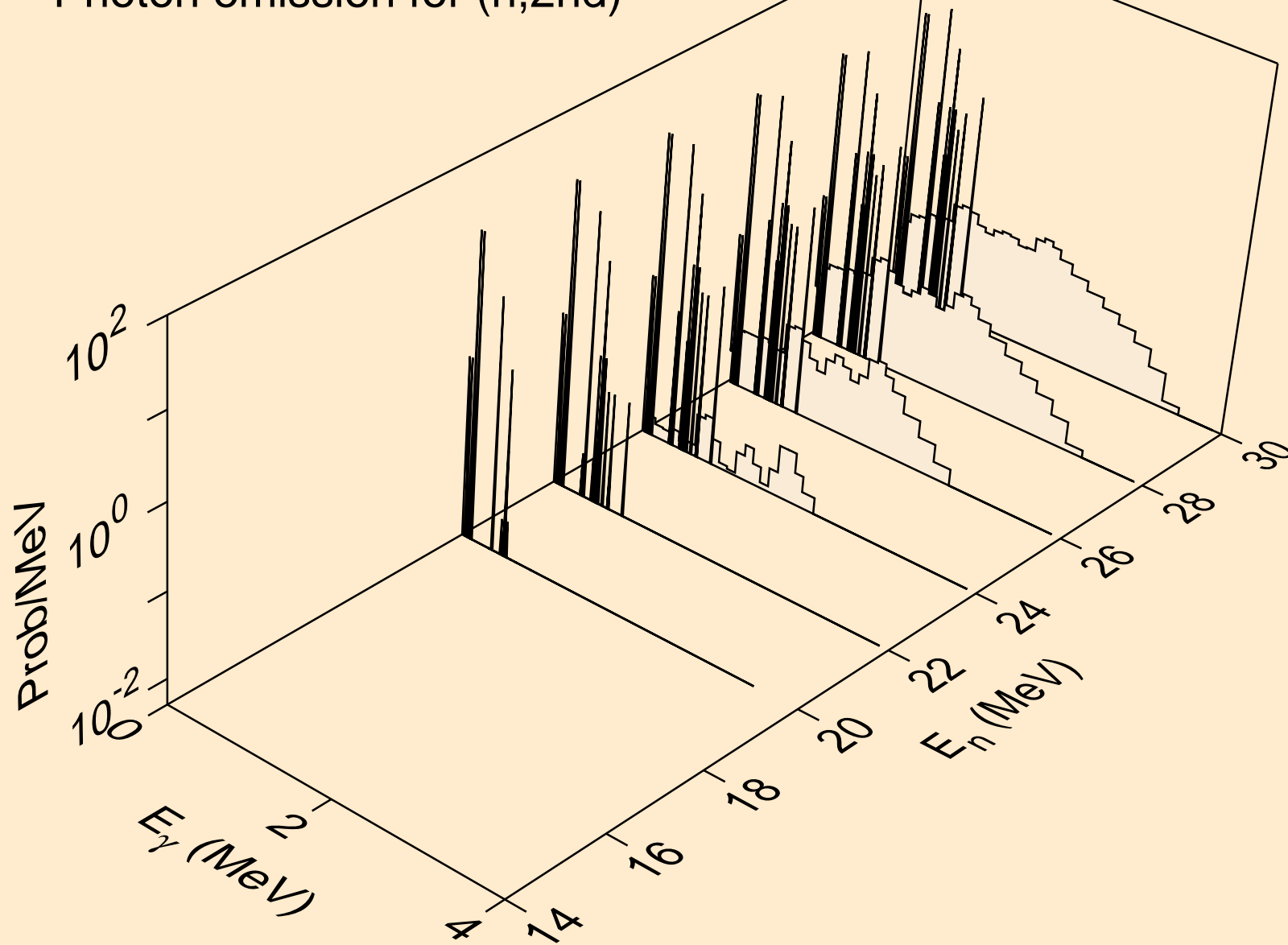
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



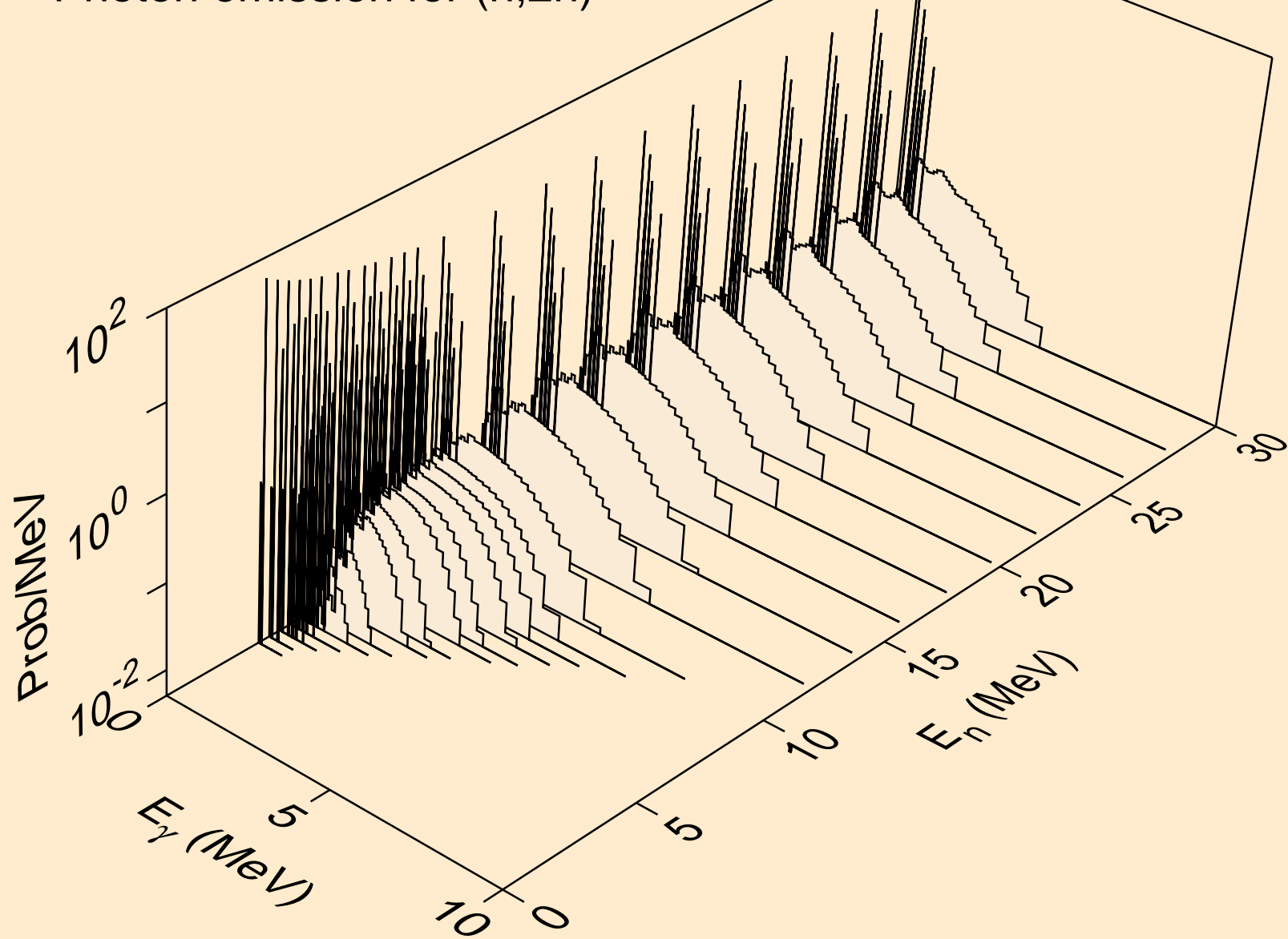
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)



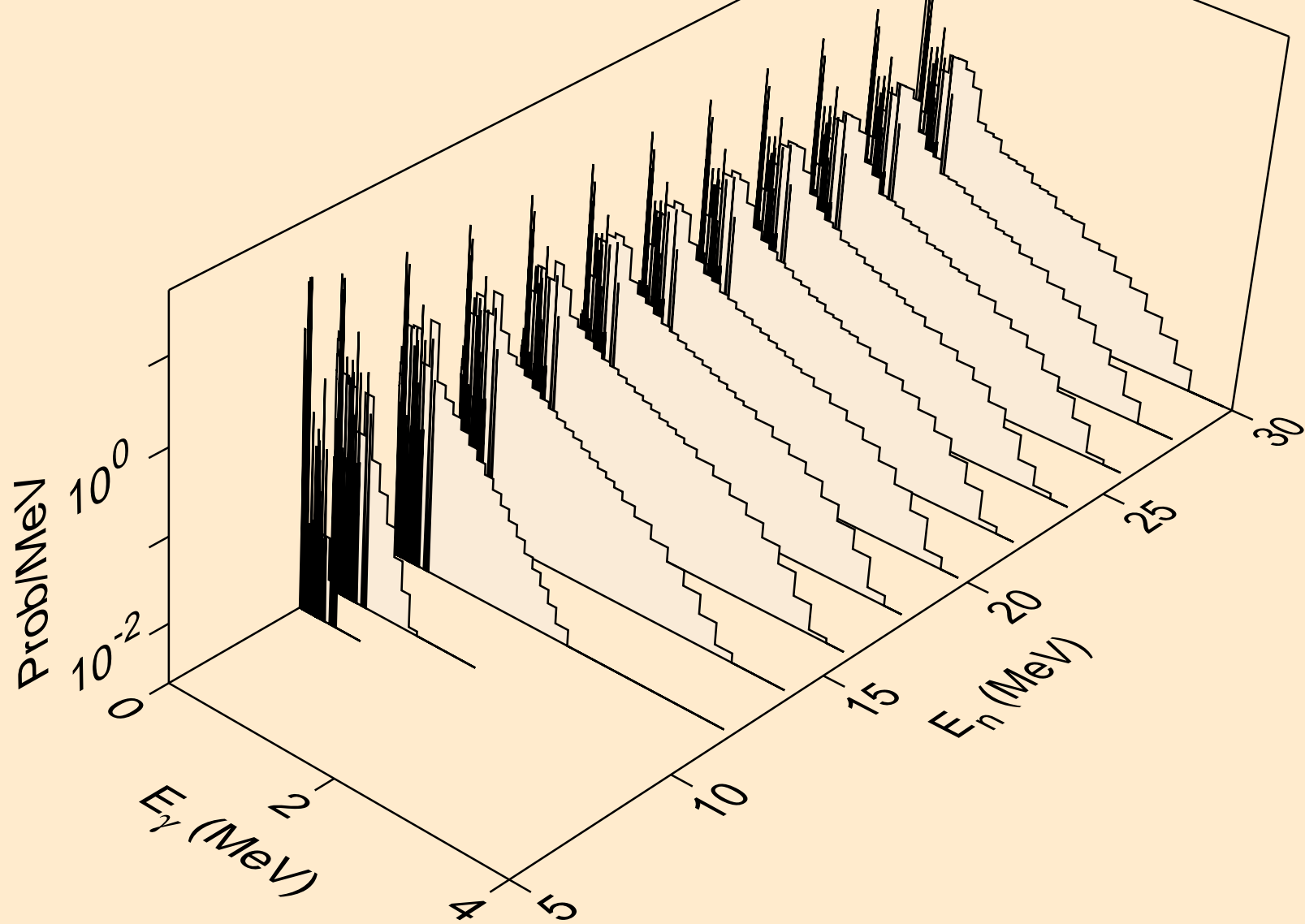
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2nd)



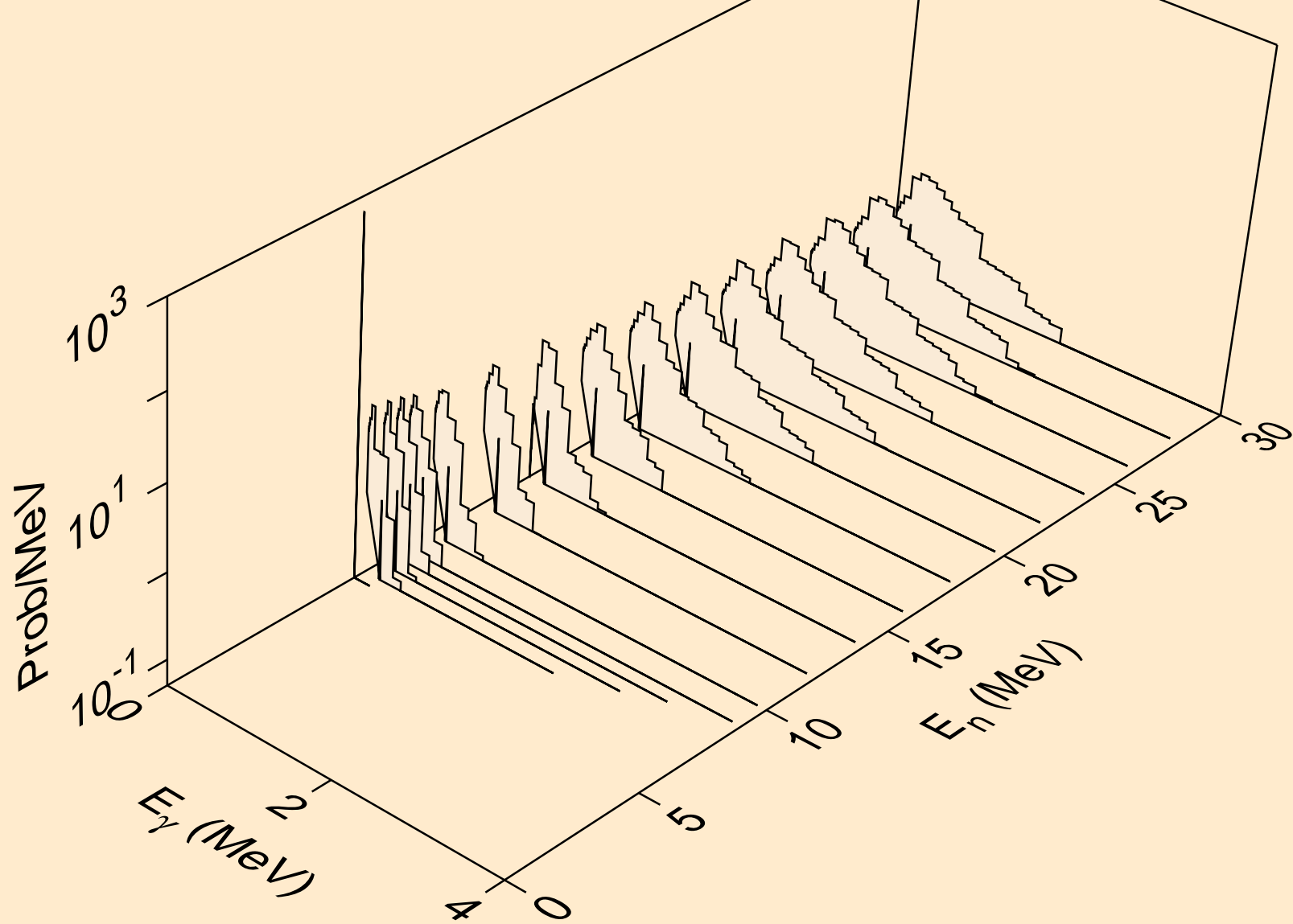
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)



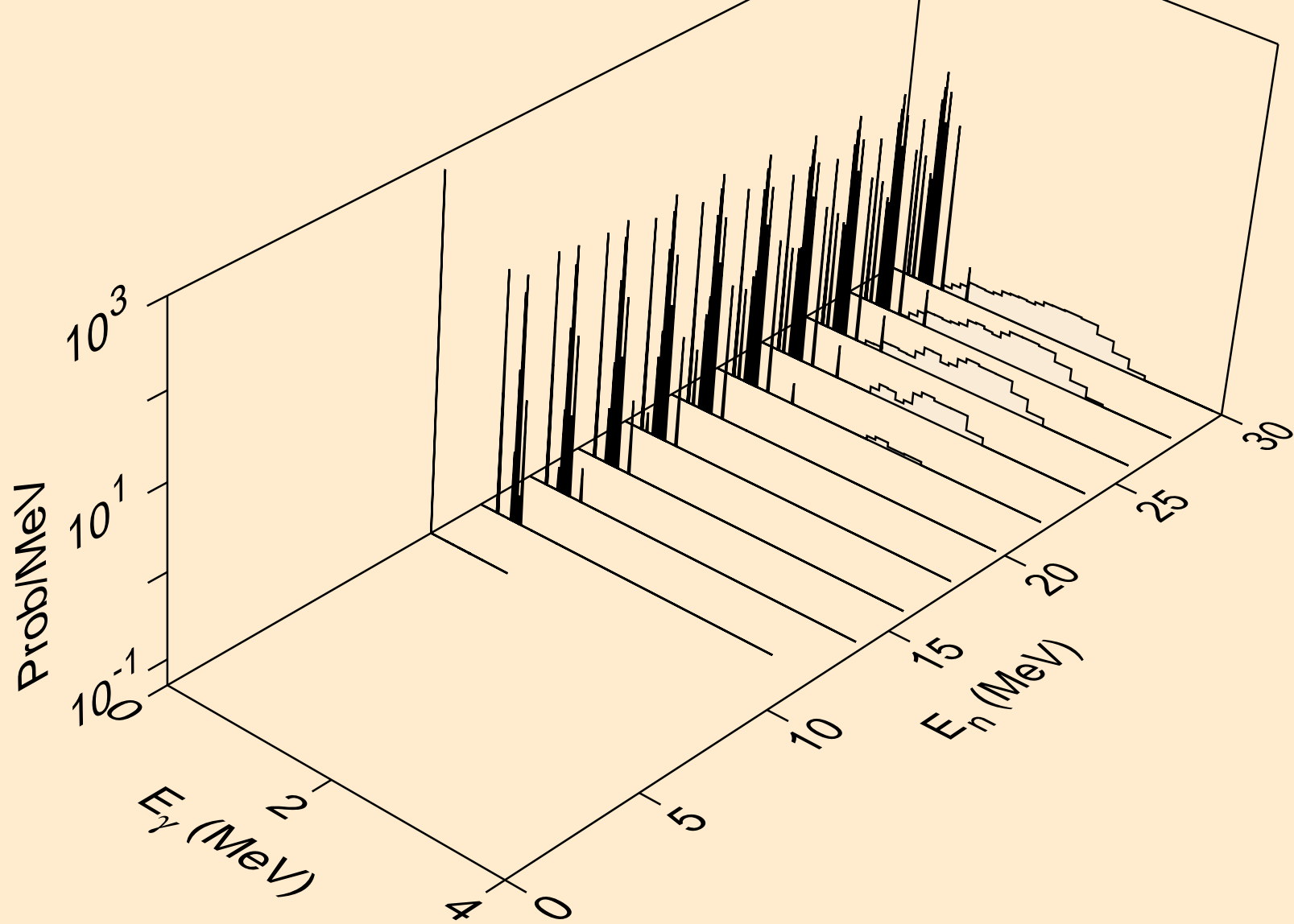
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)



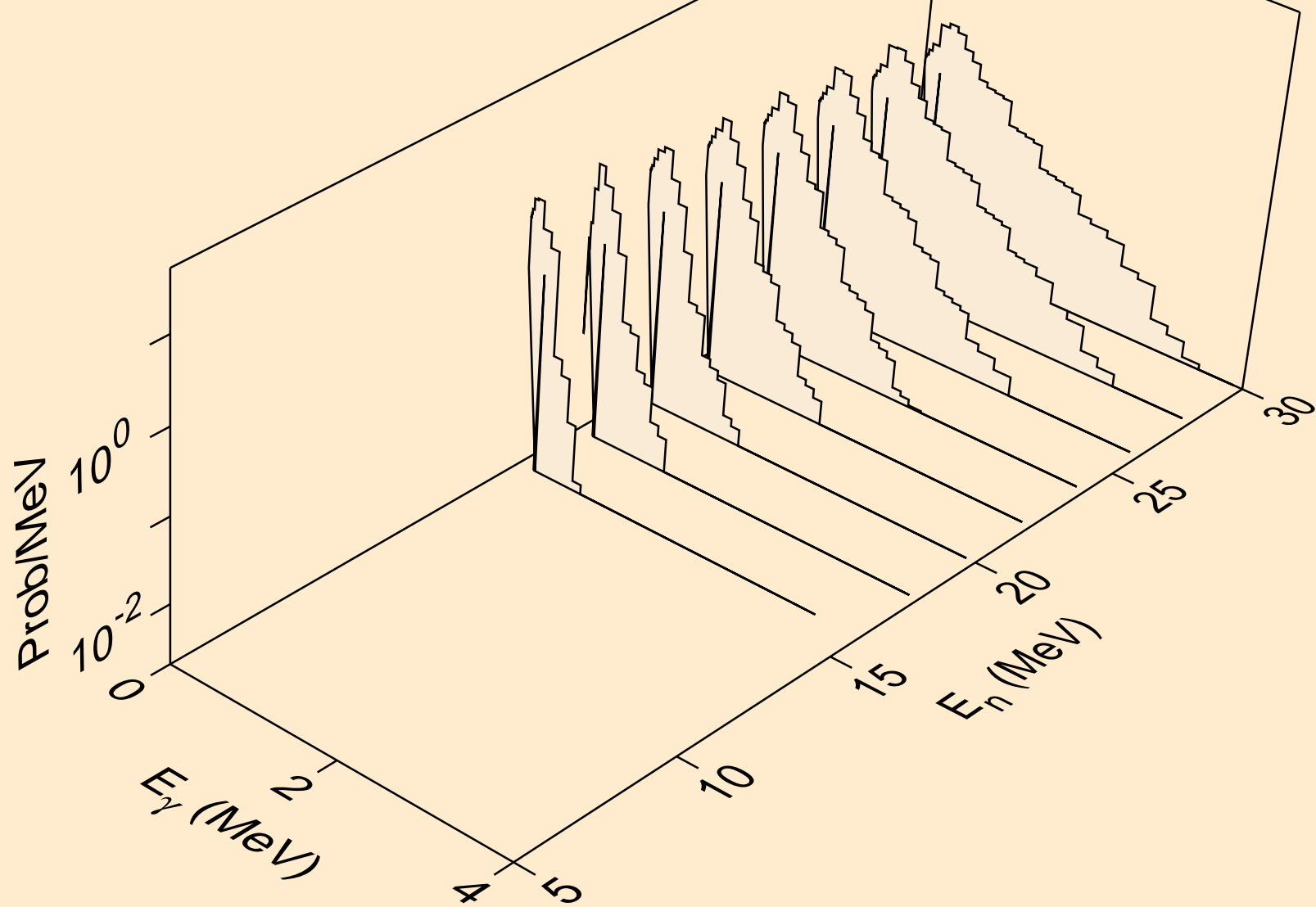
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a



CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)a

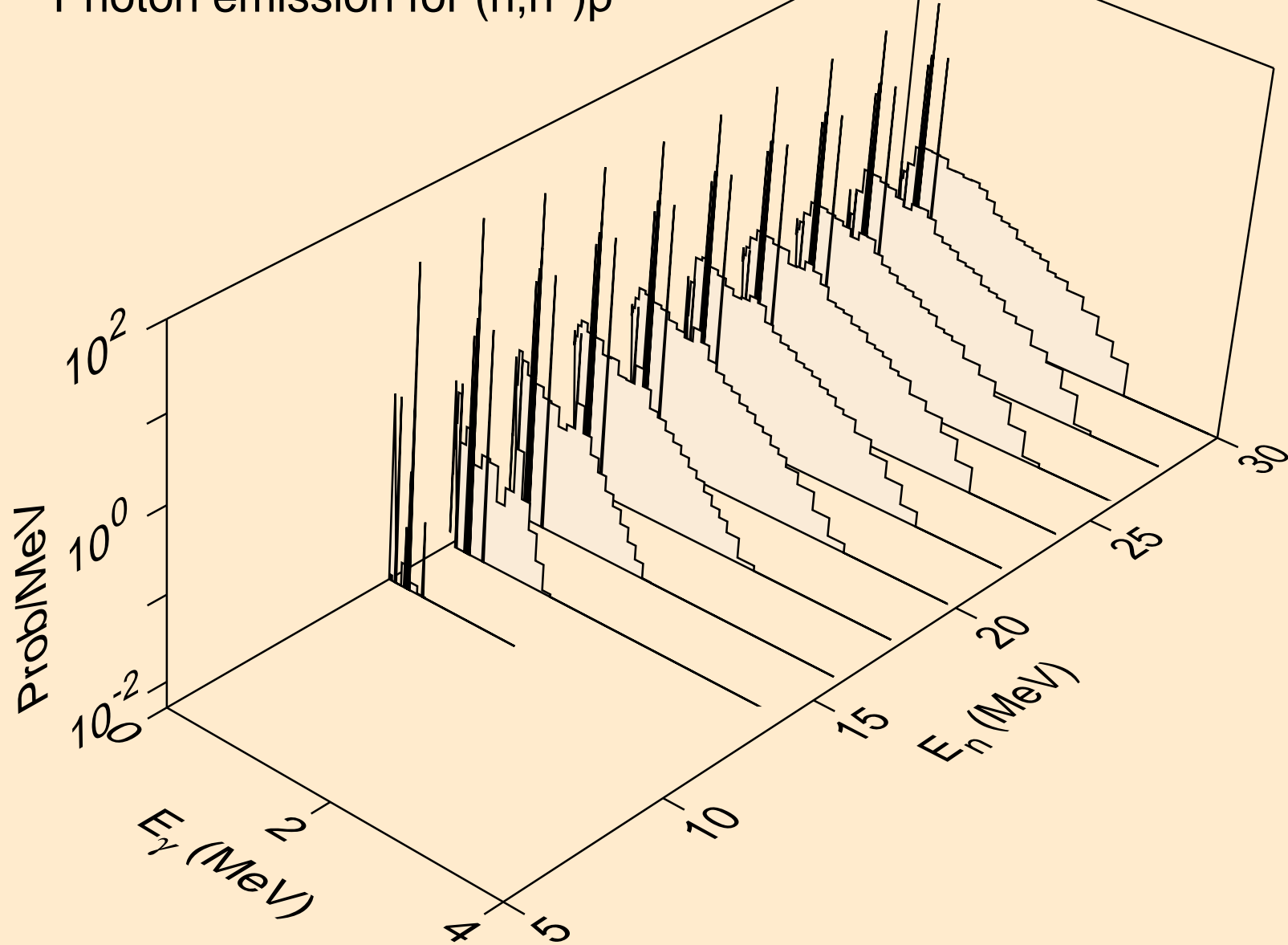


CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)a

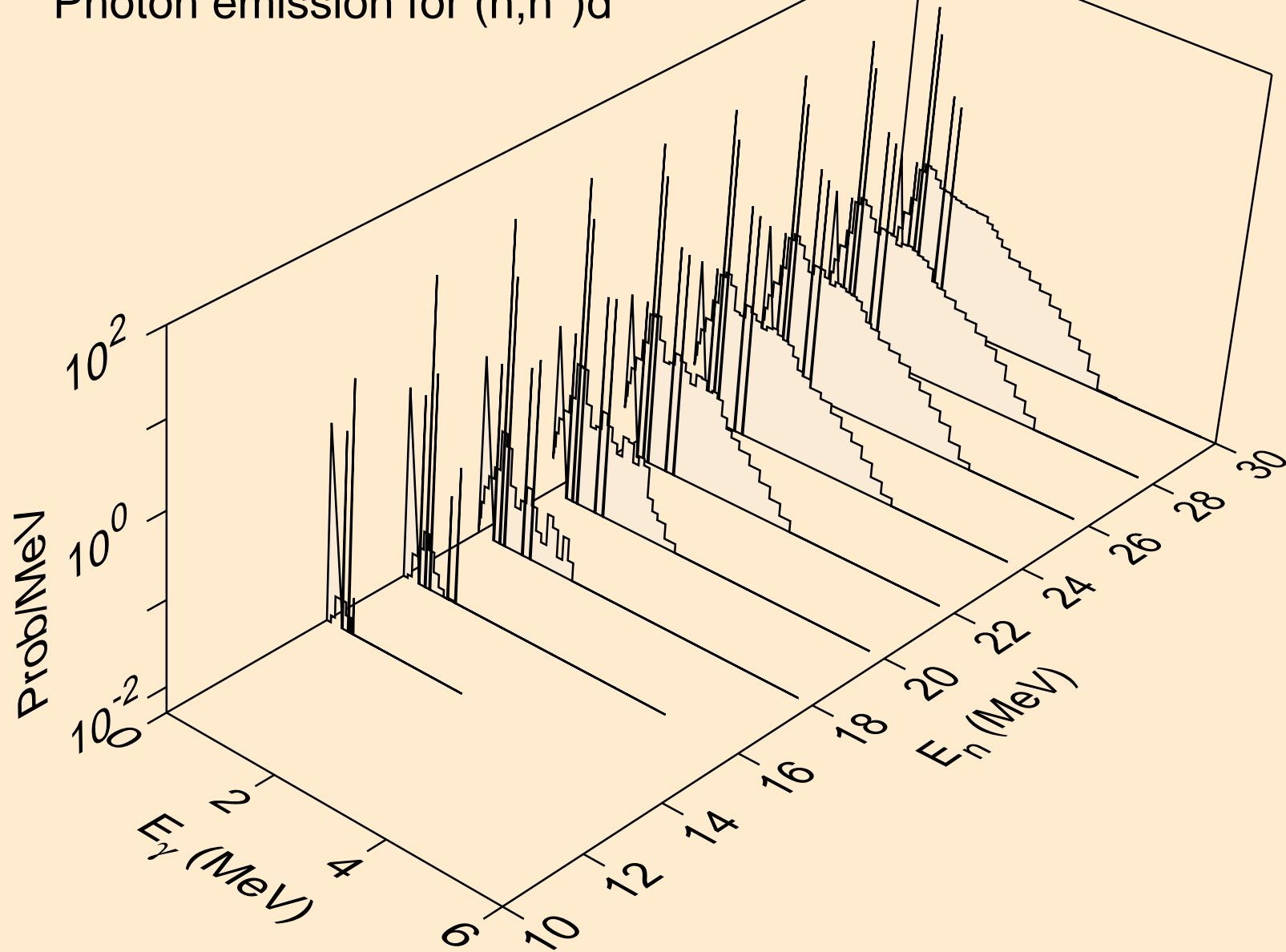




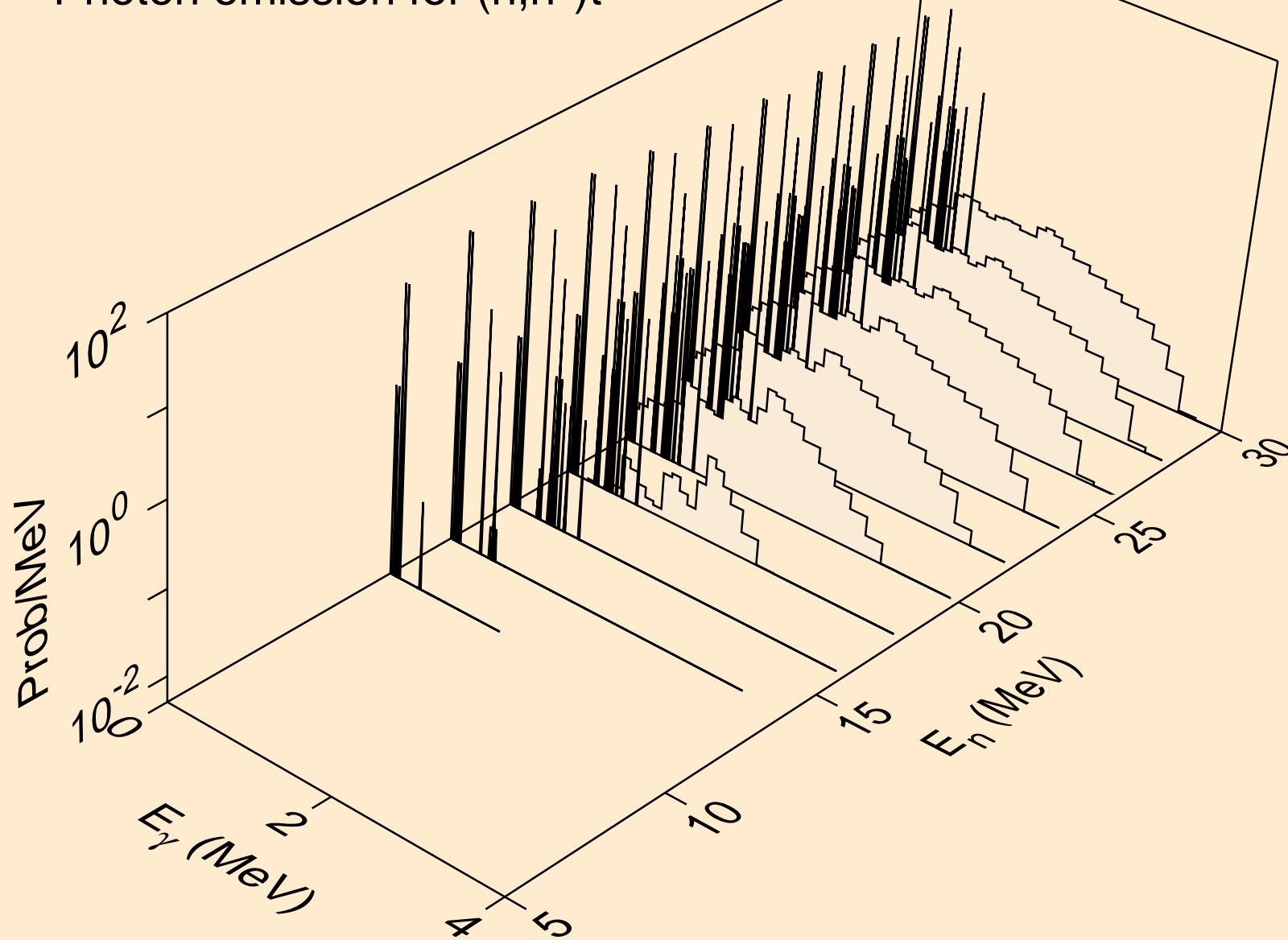
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



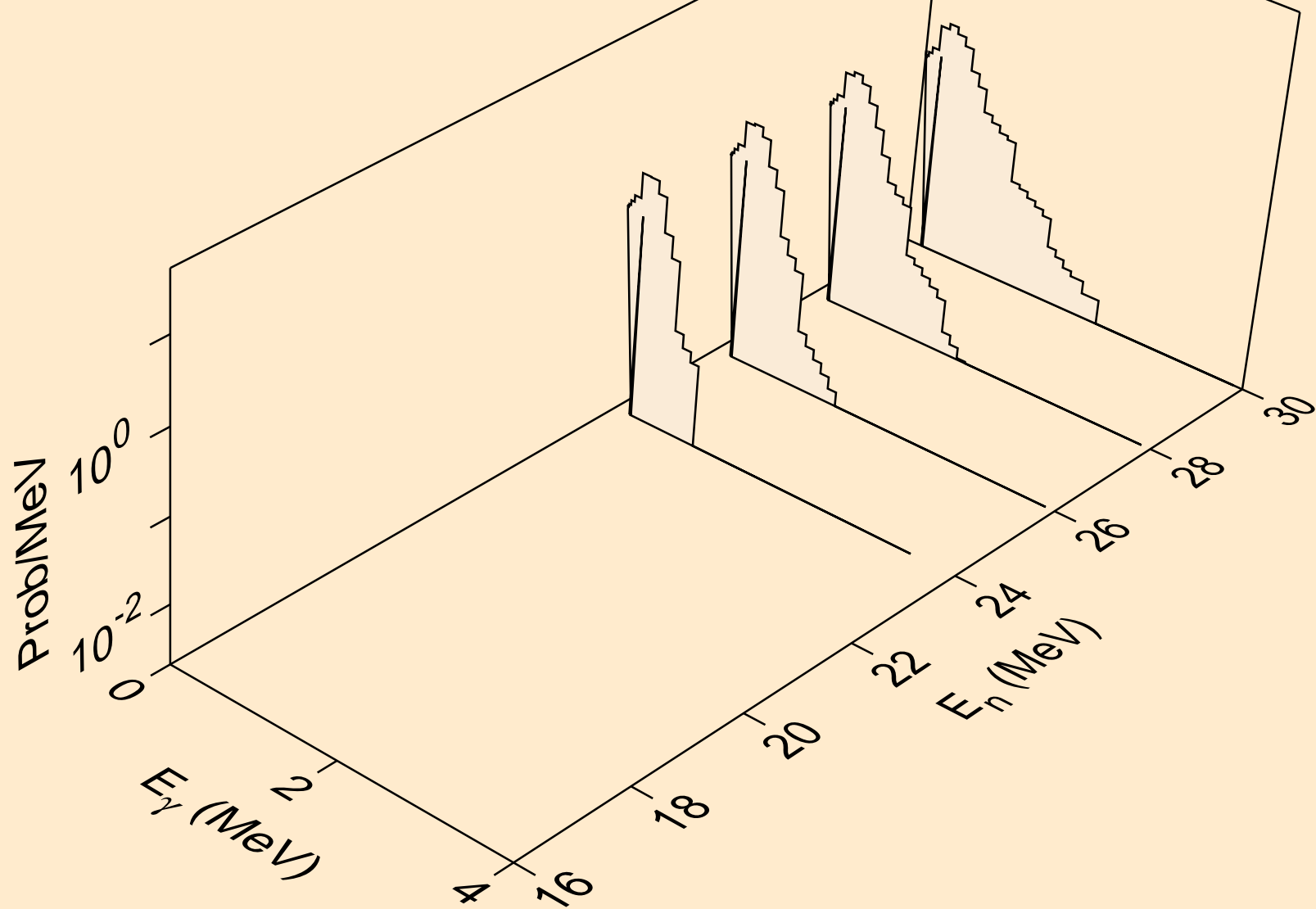
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d



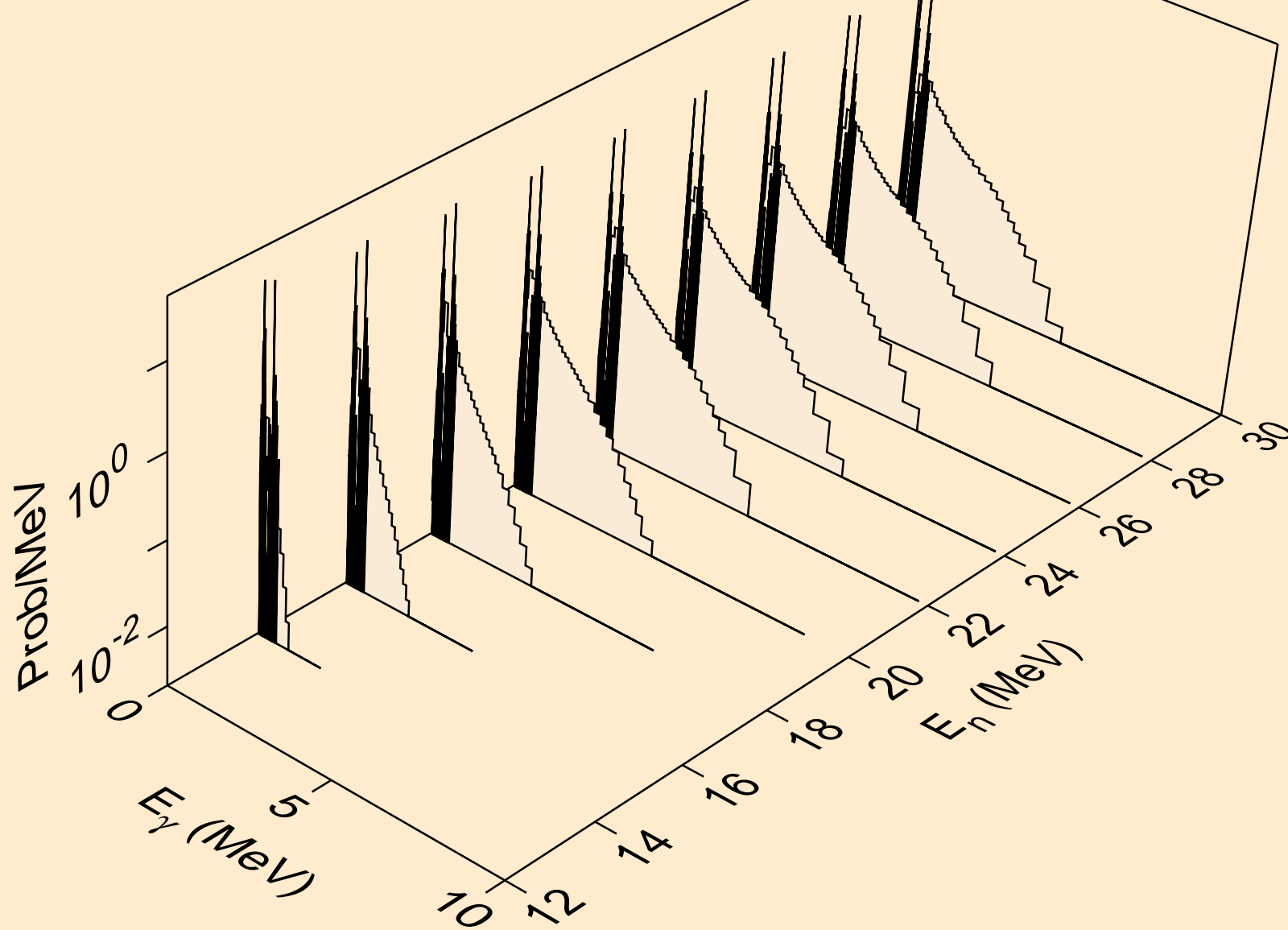
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t



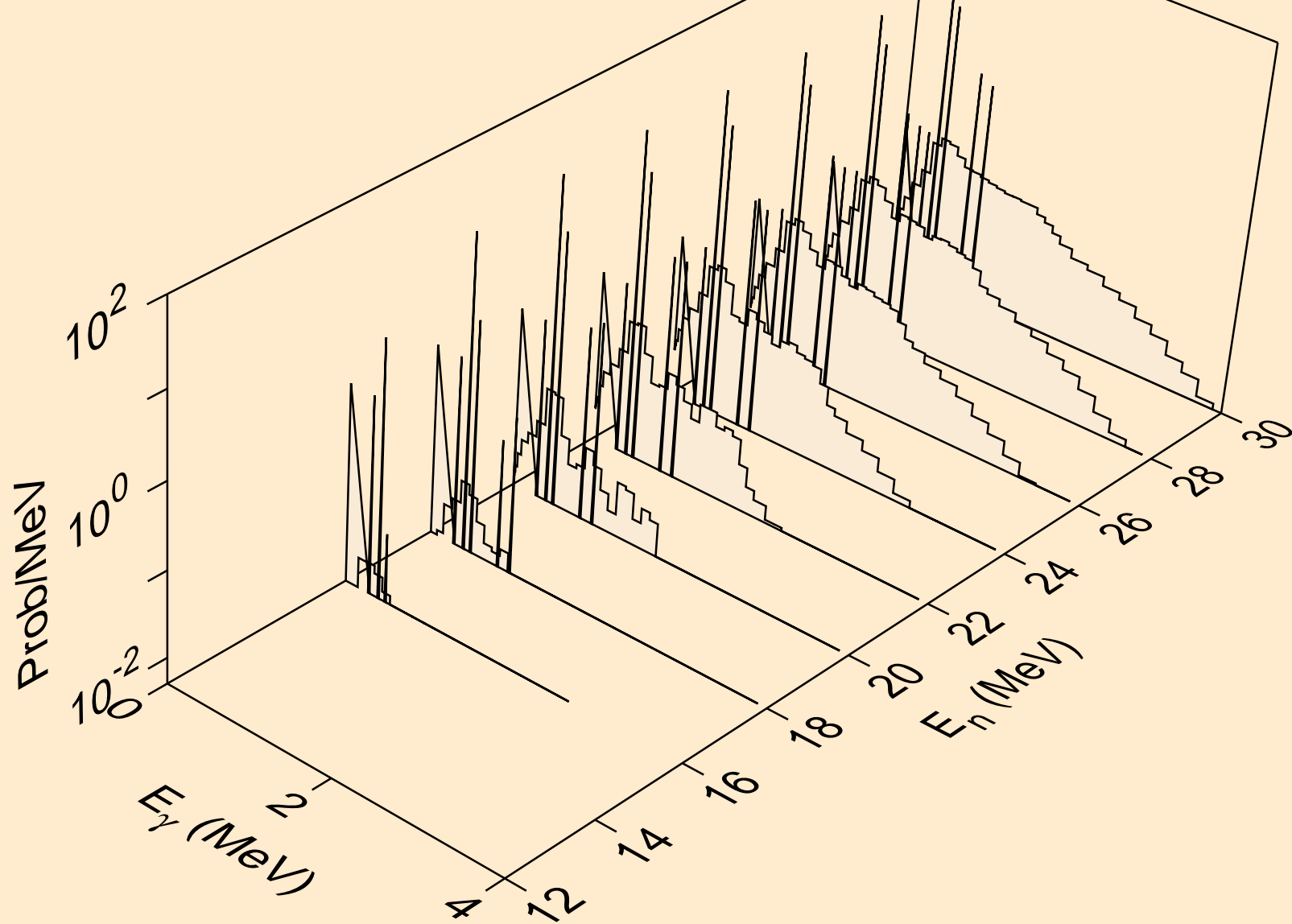
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



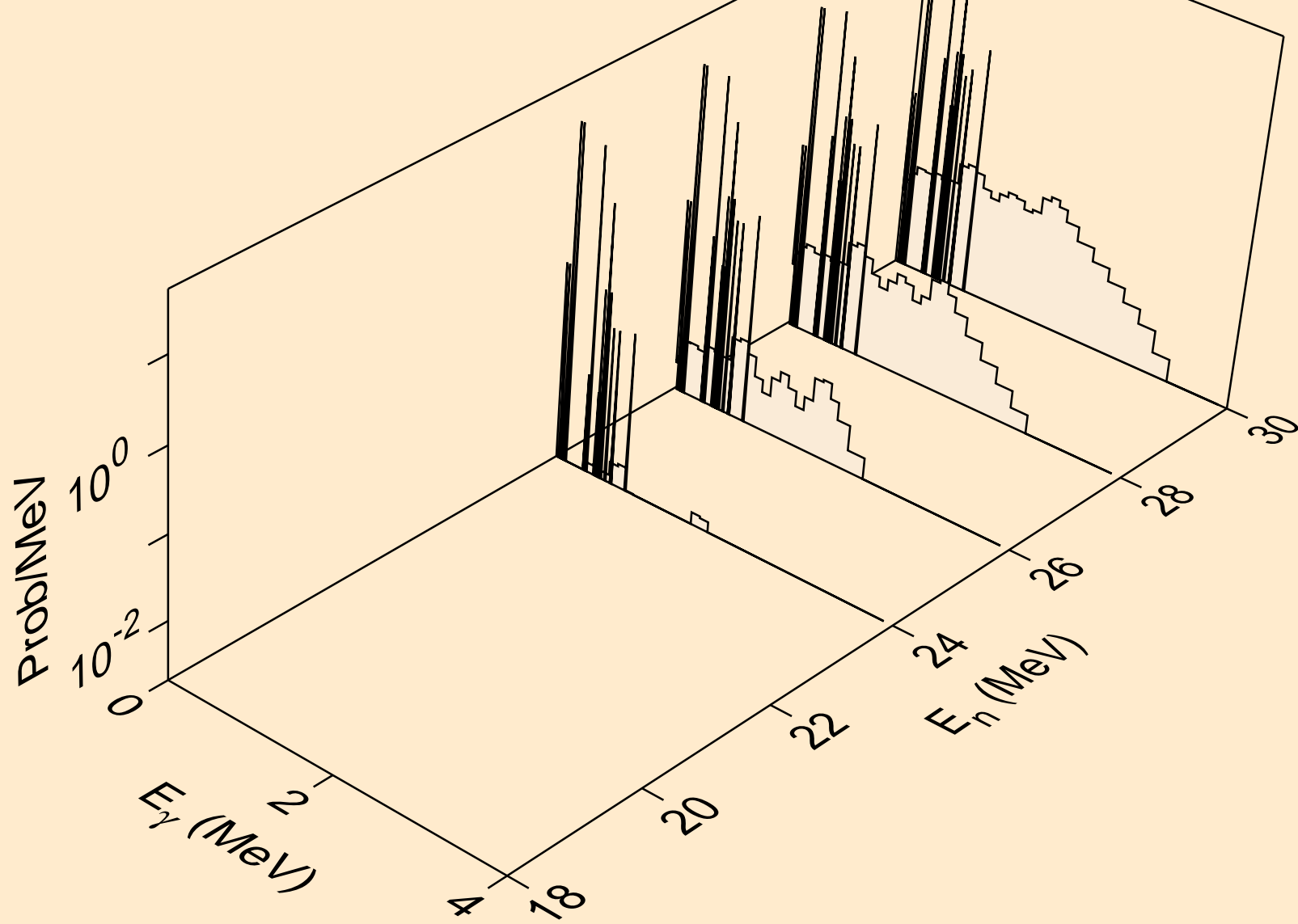
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,4n)



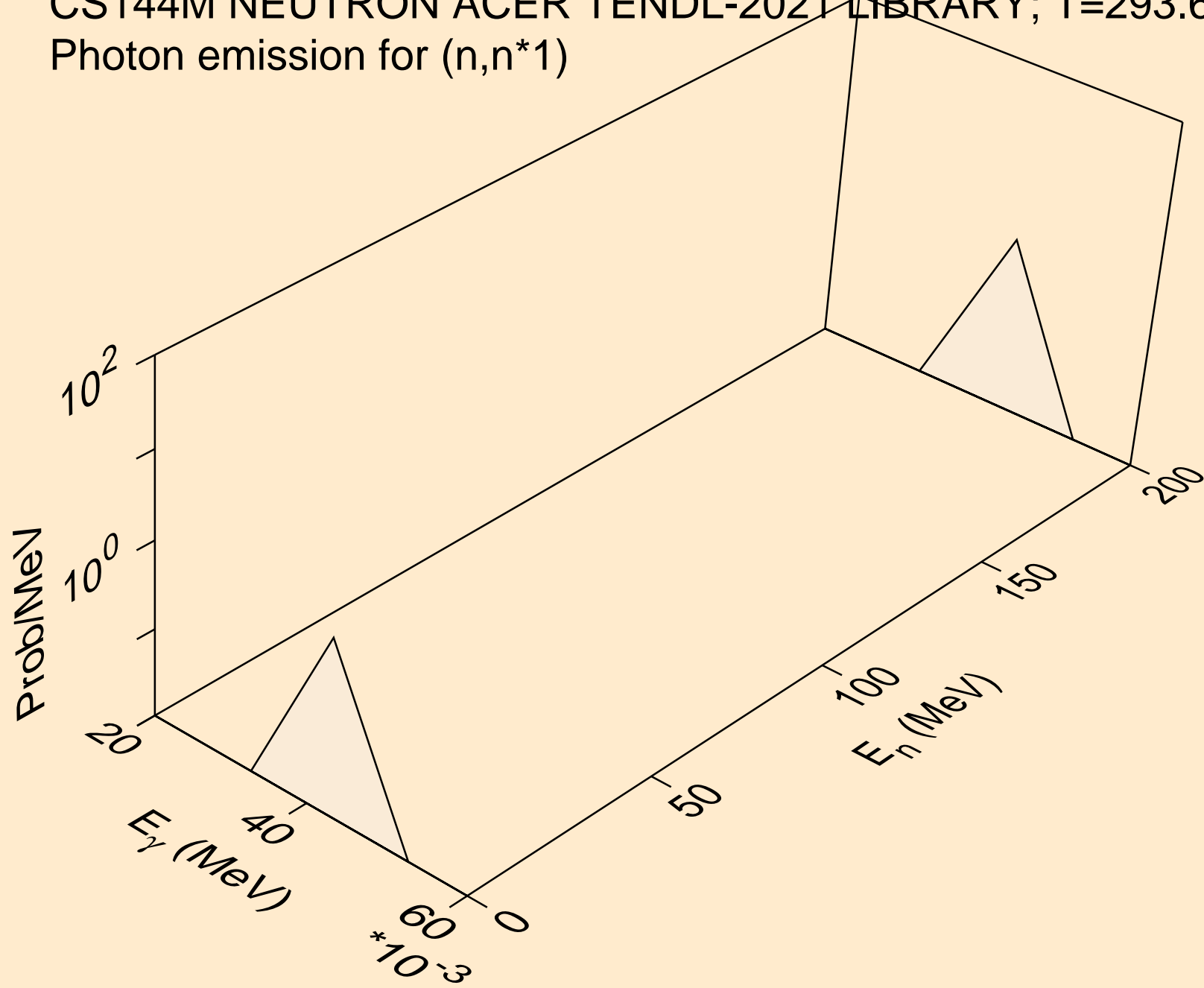
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)



CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3np)

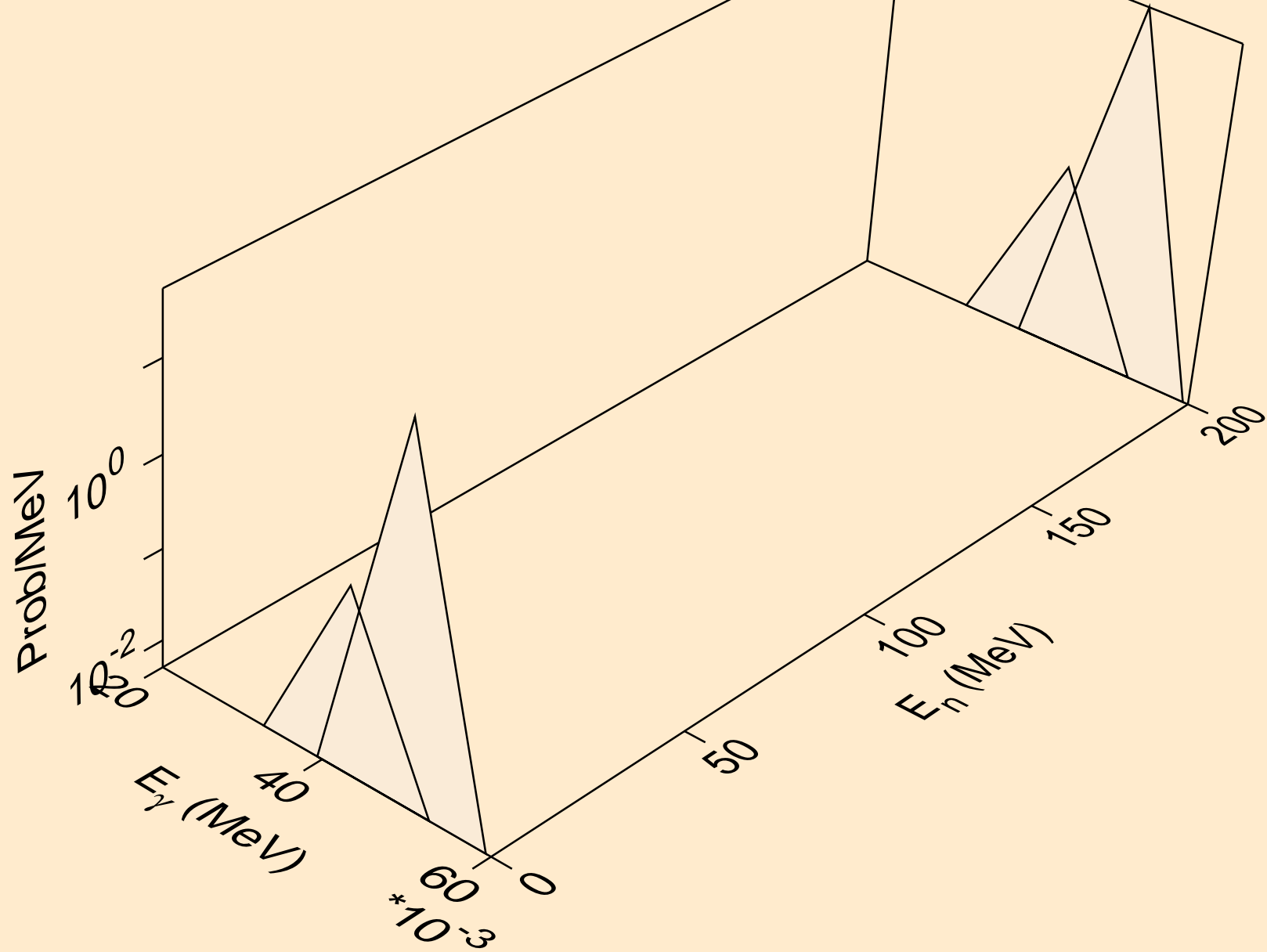


CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*1)

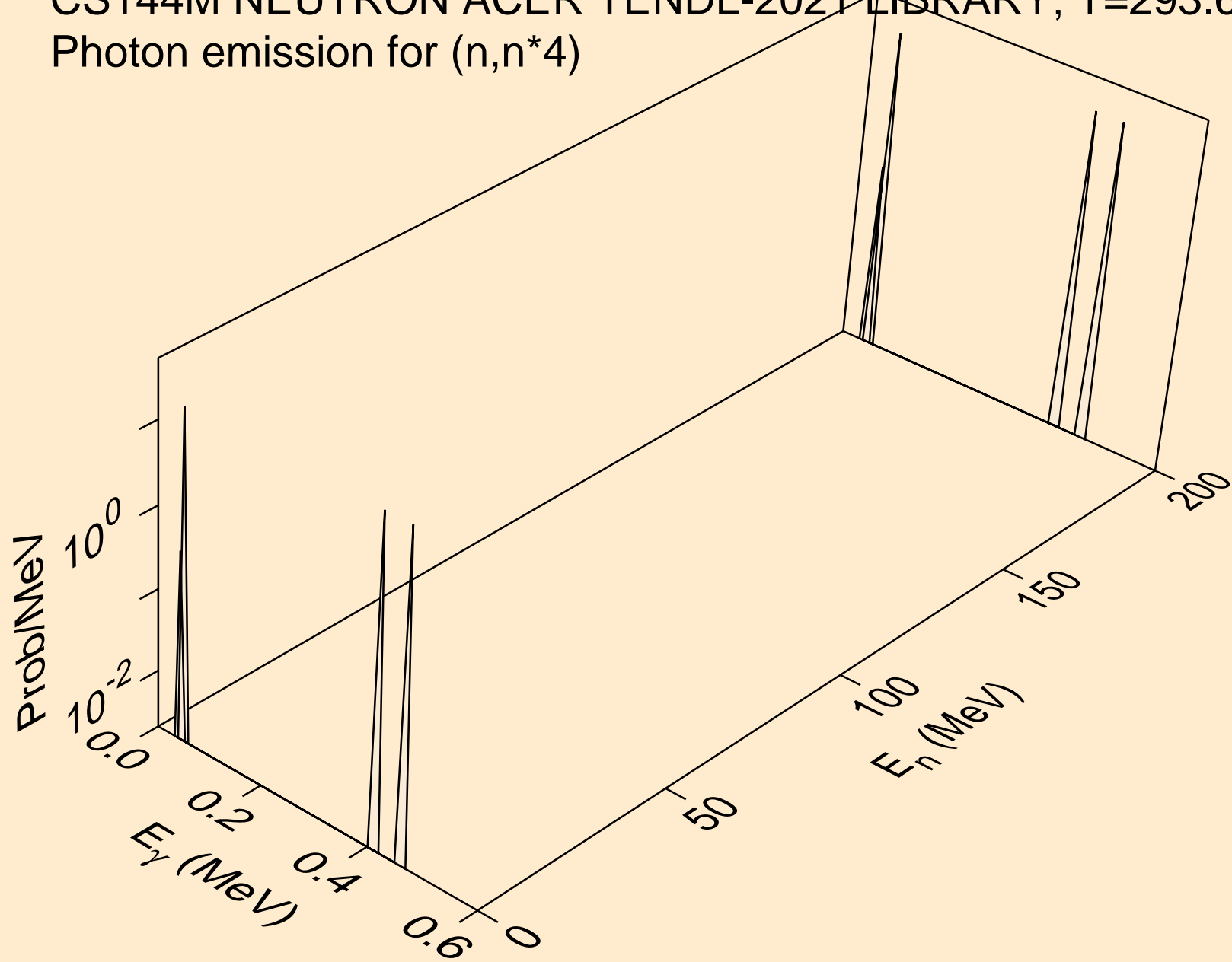




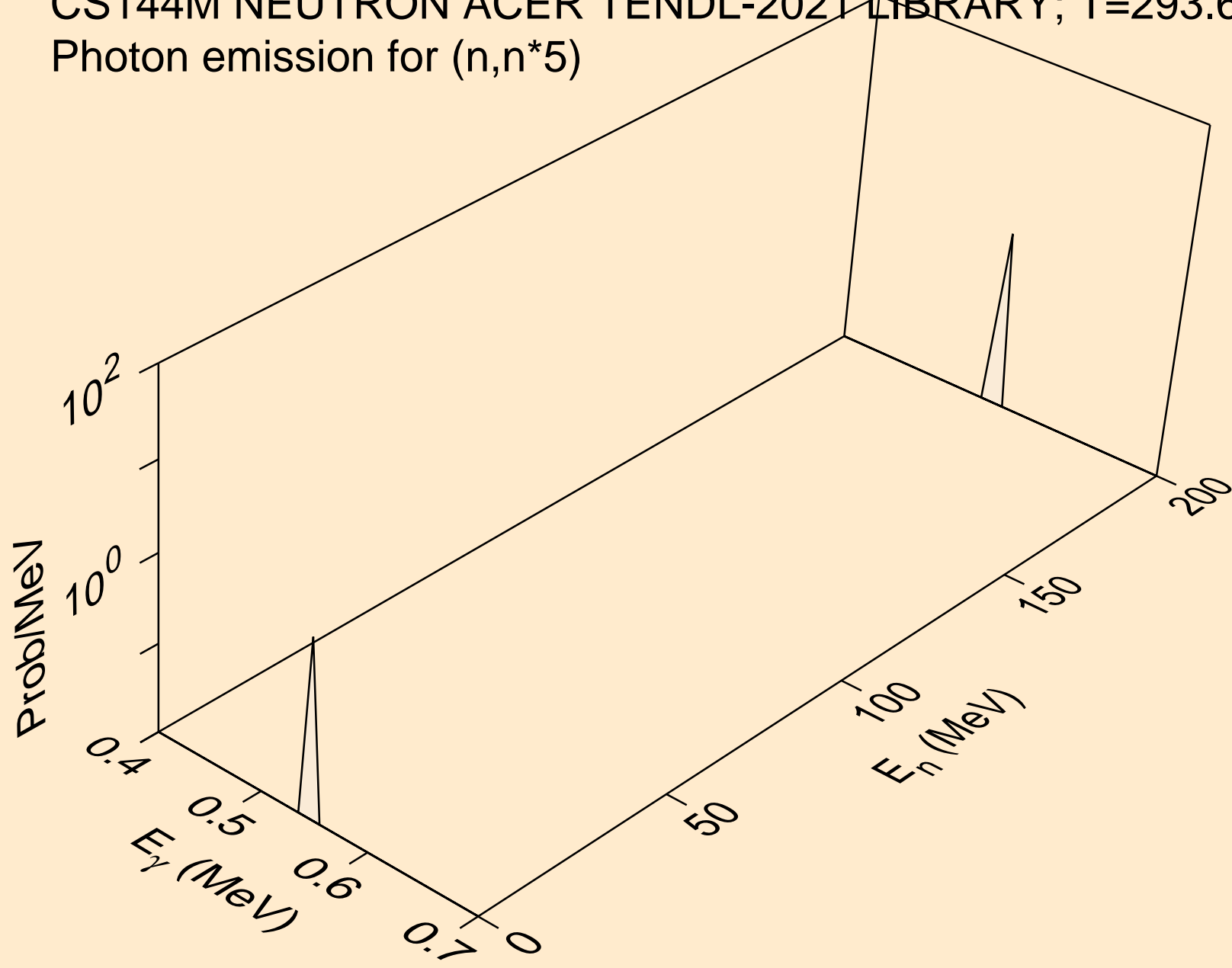
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*2)



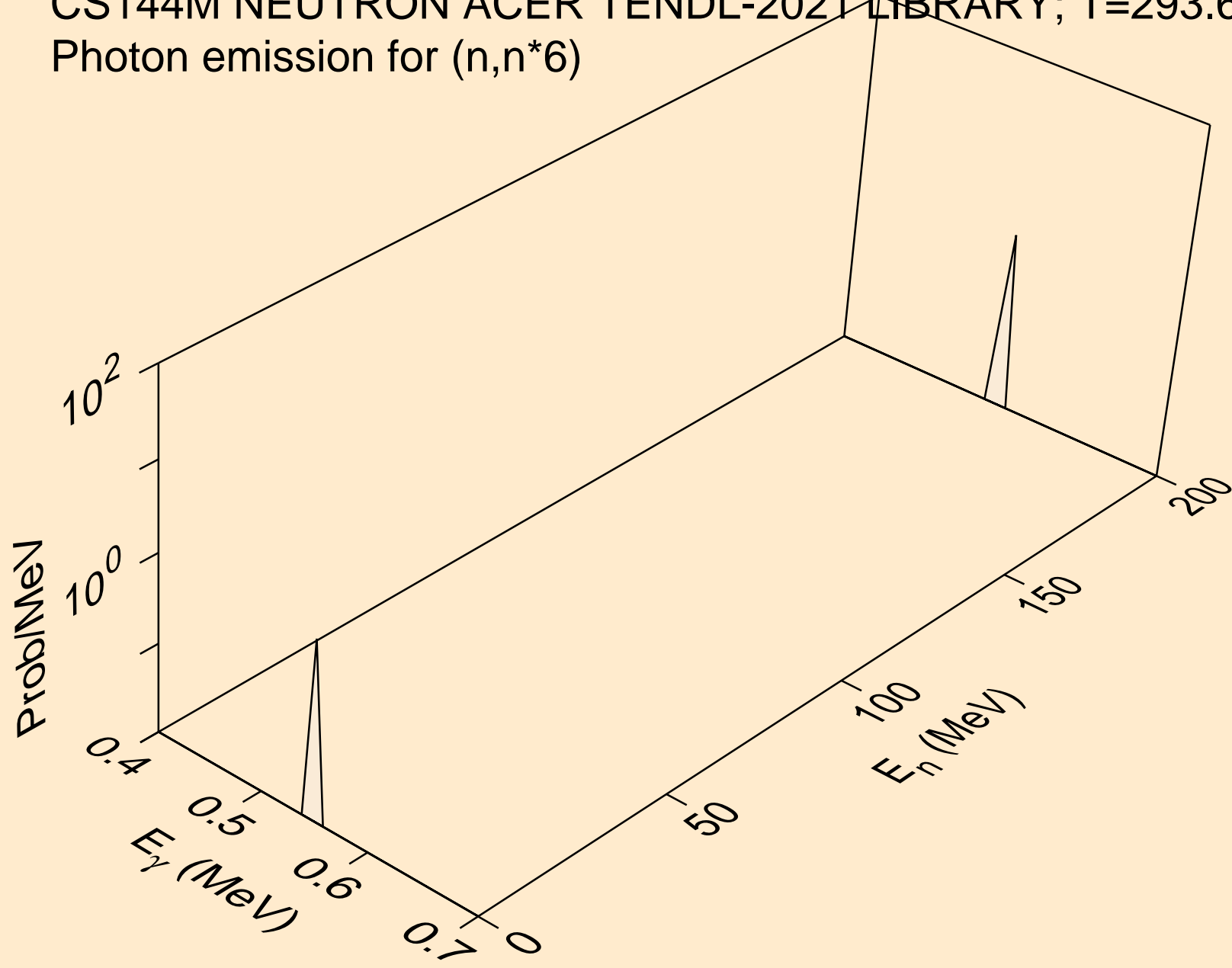
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*4)



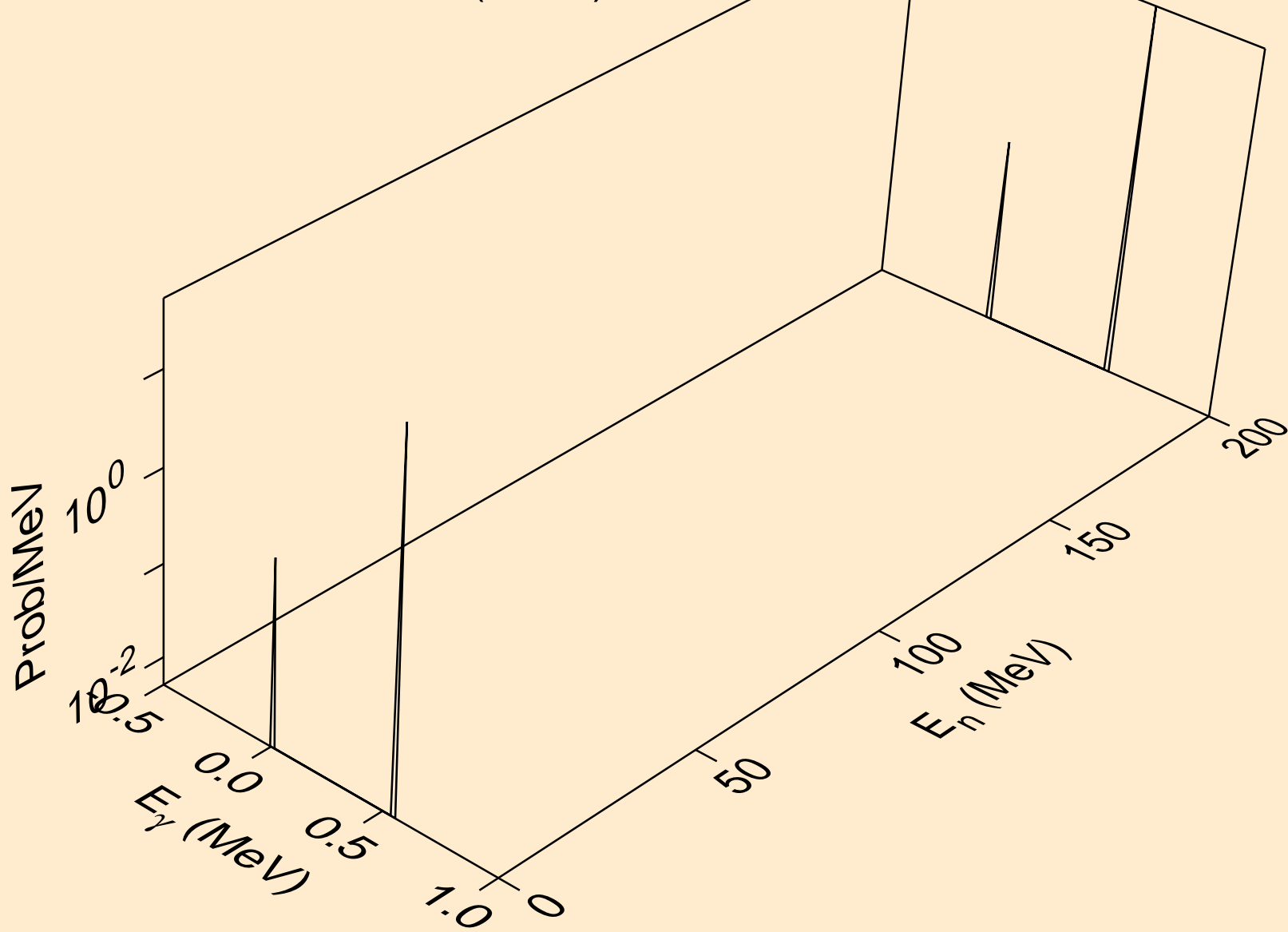
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*5)



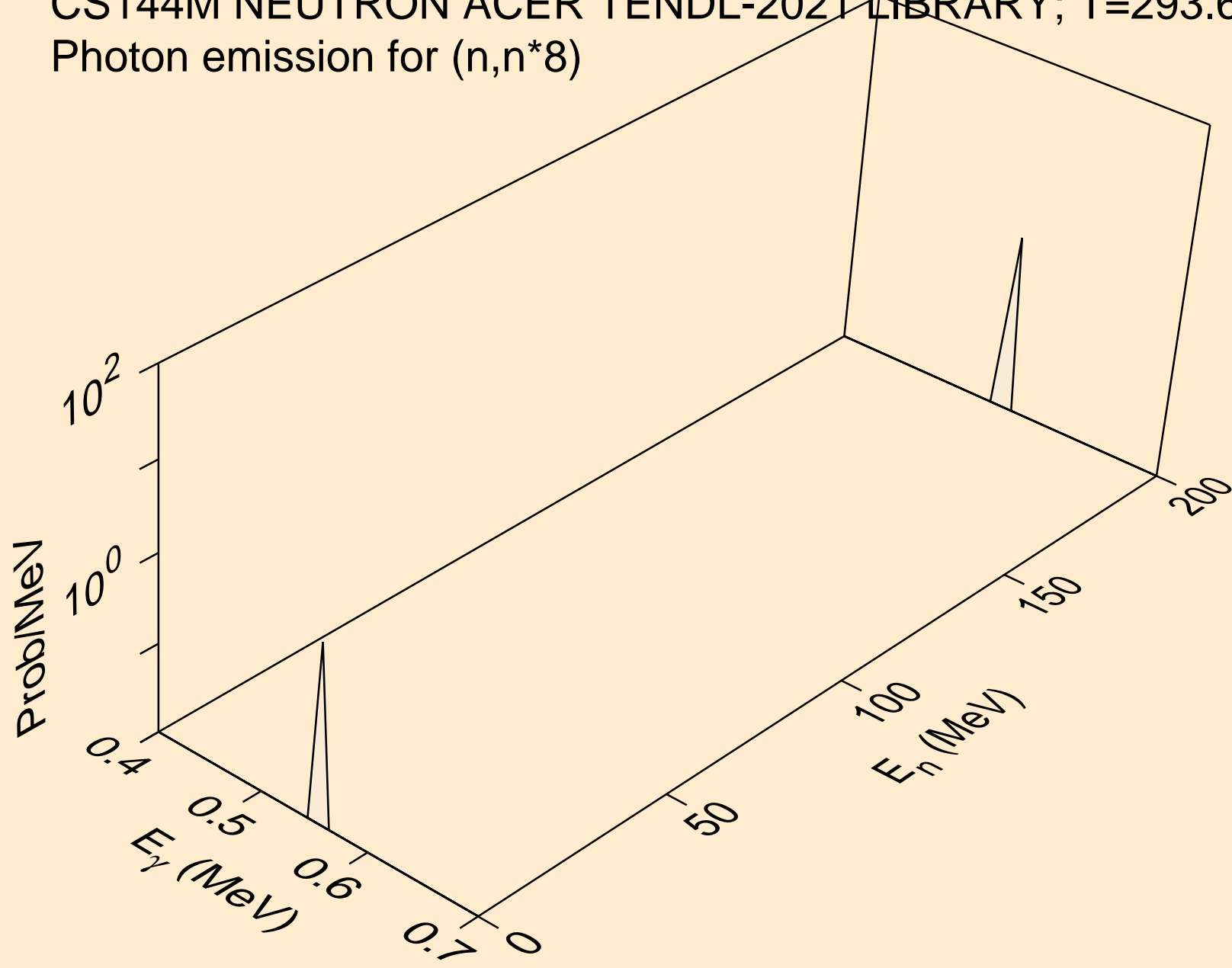
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*6)



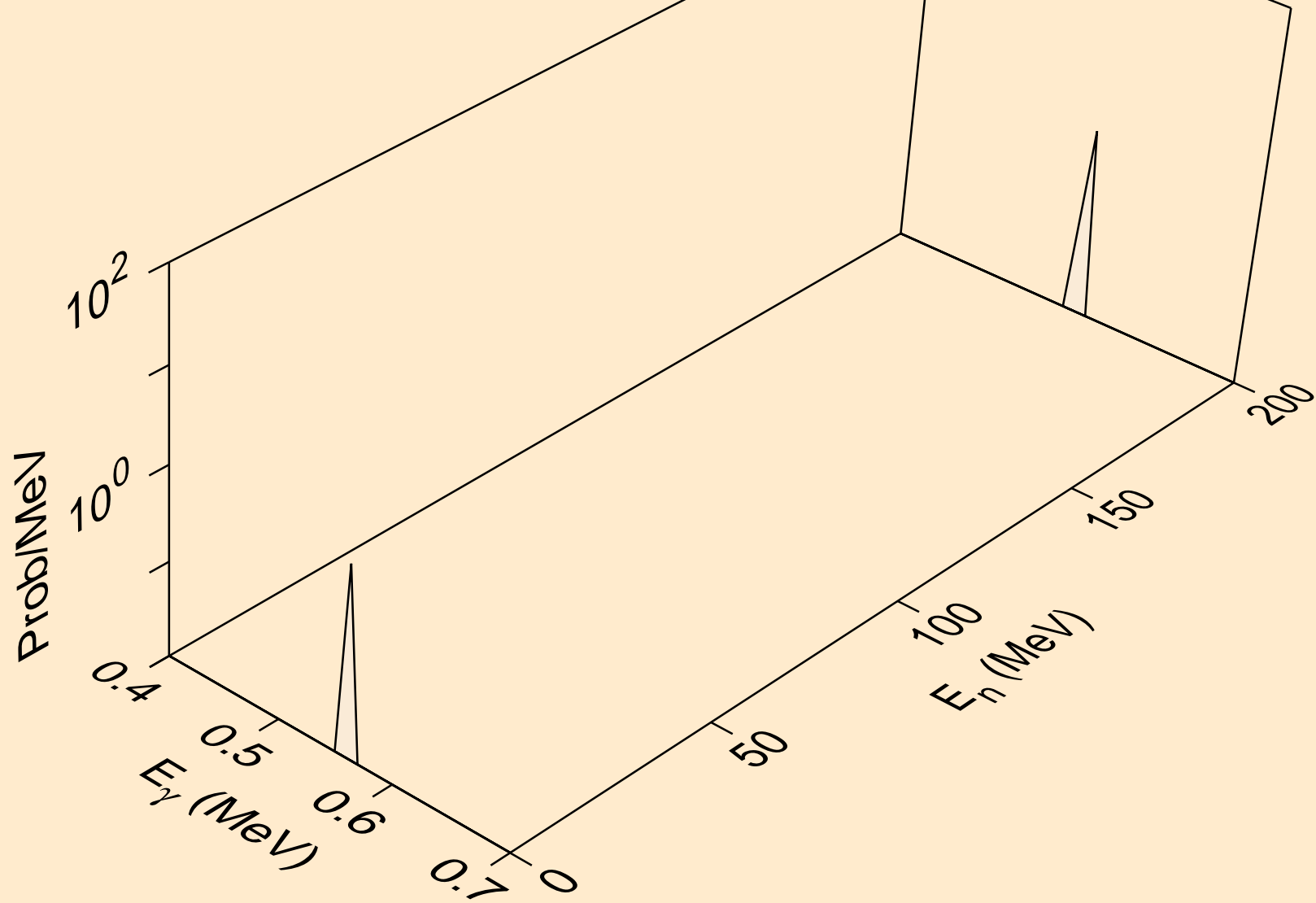
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*7)



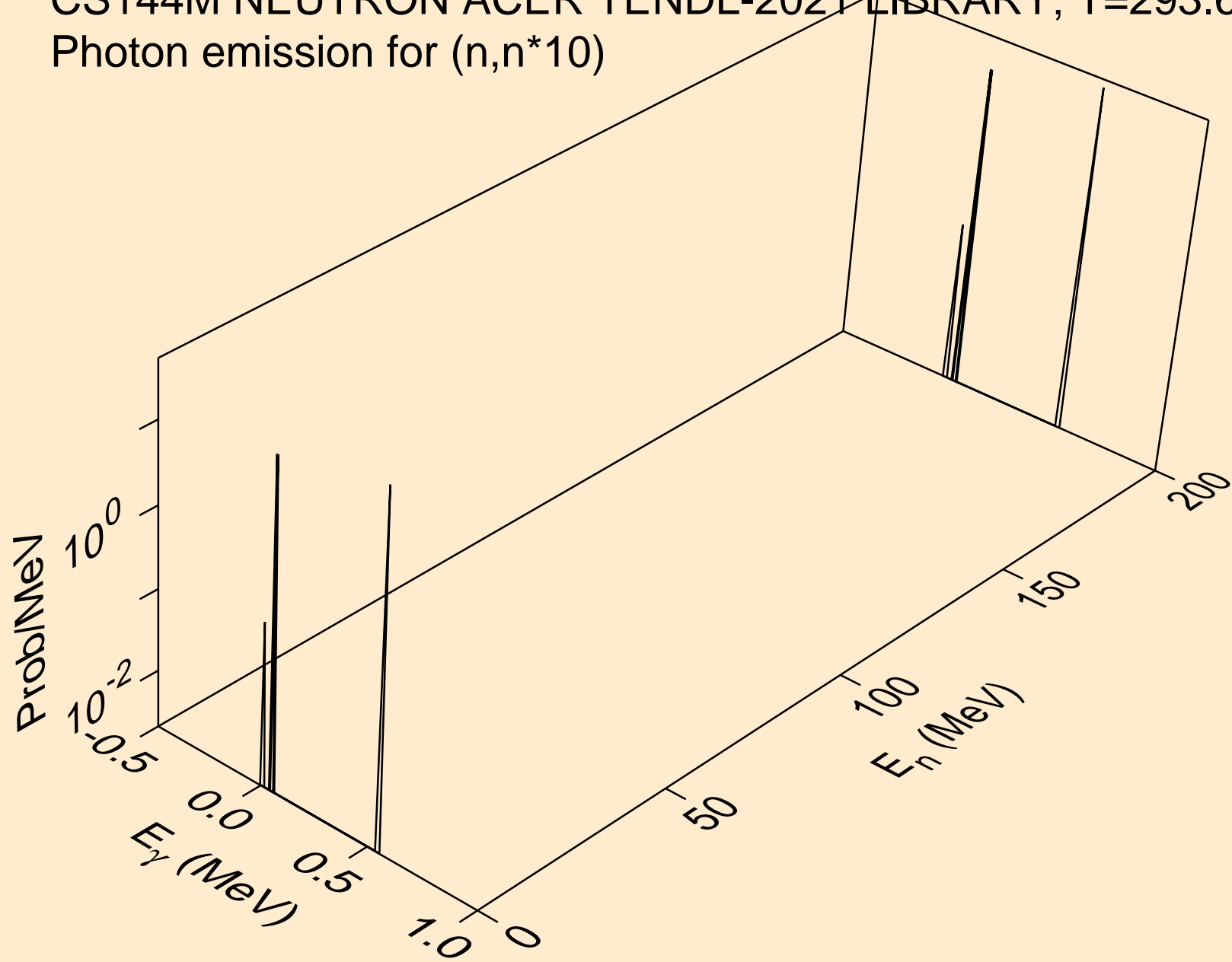
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*8)



CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*9)

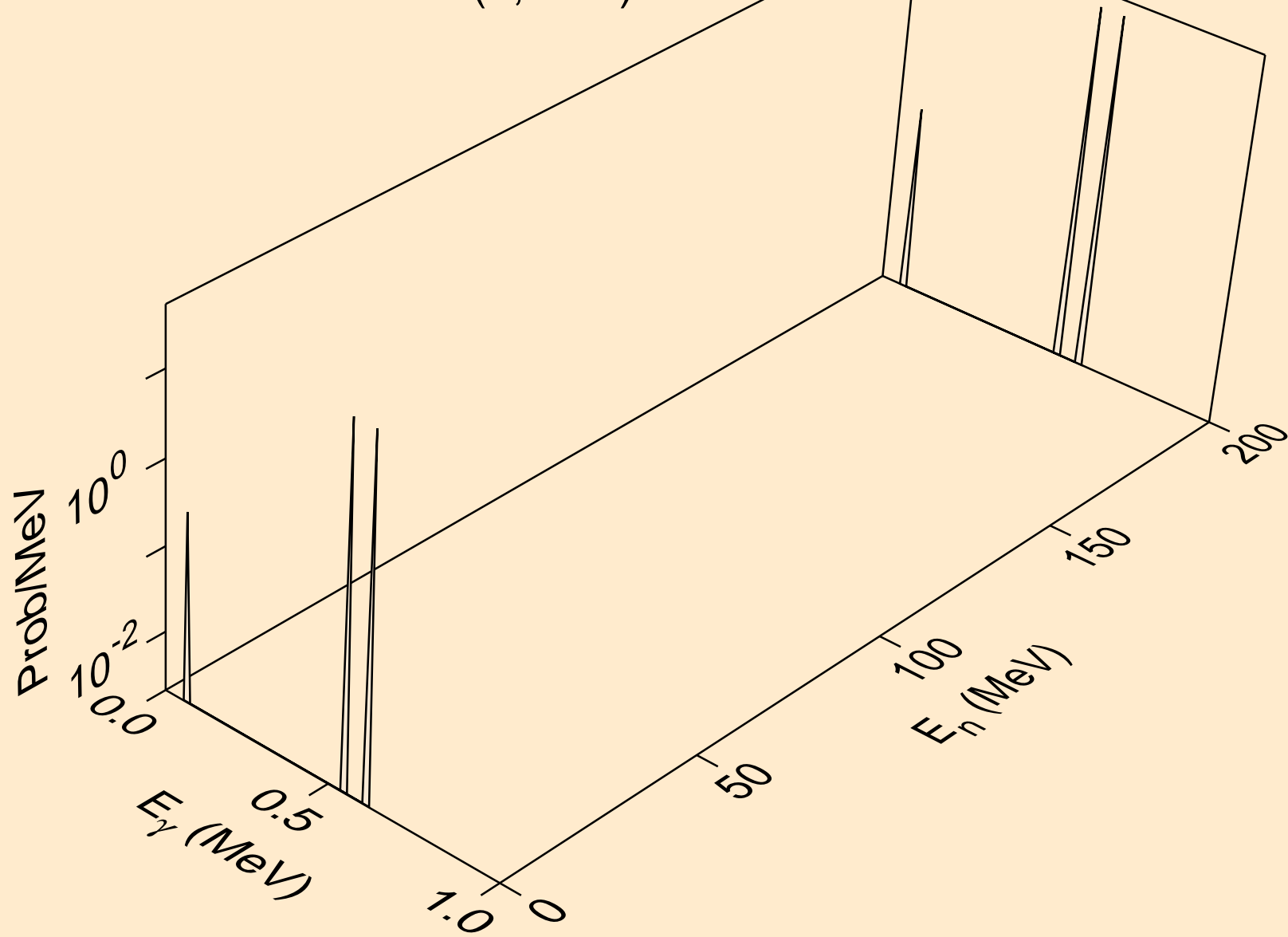


CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*10)

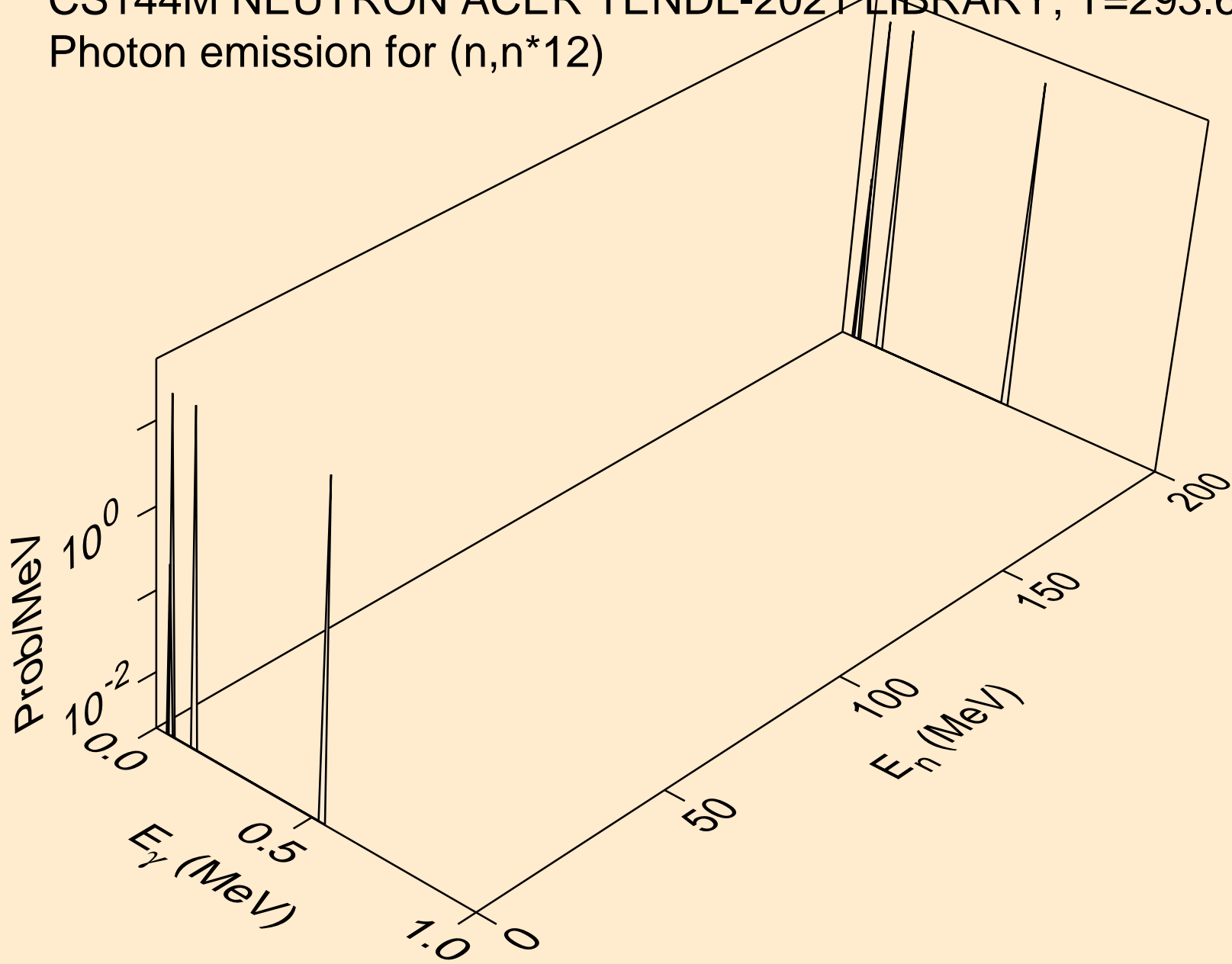




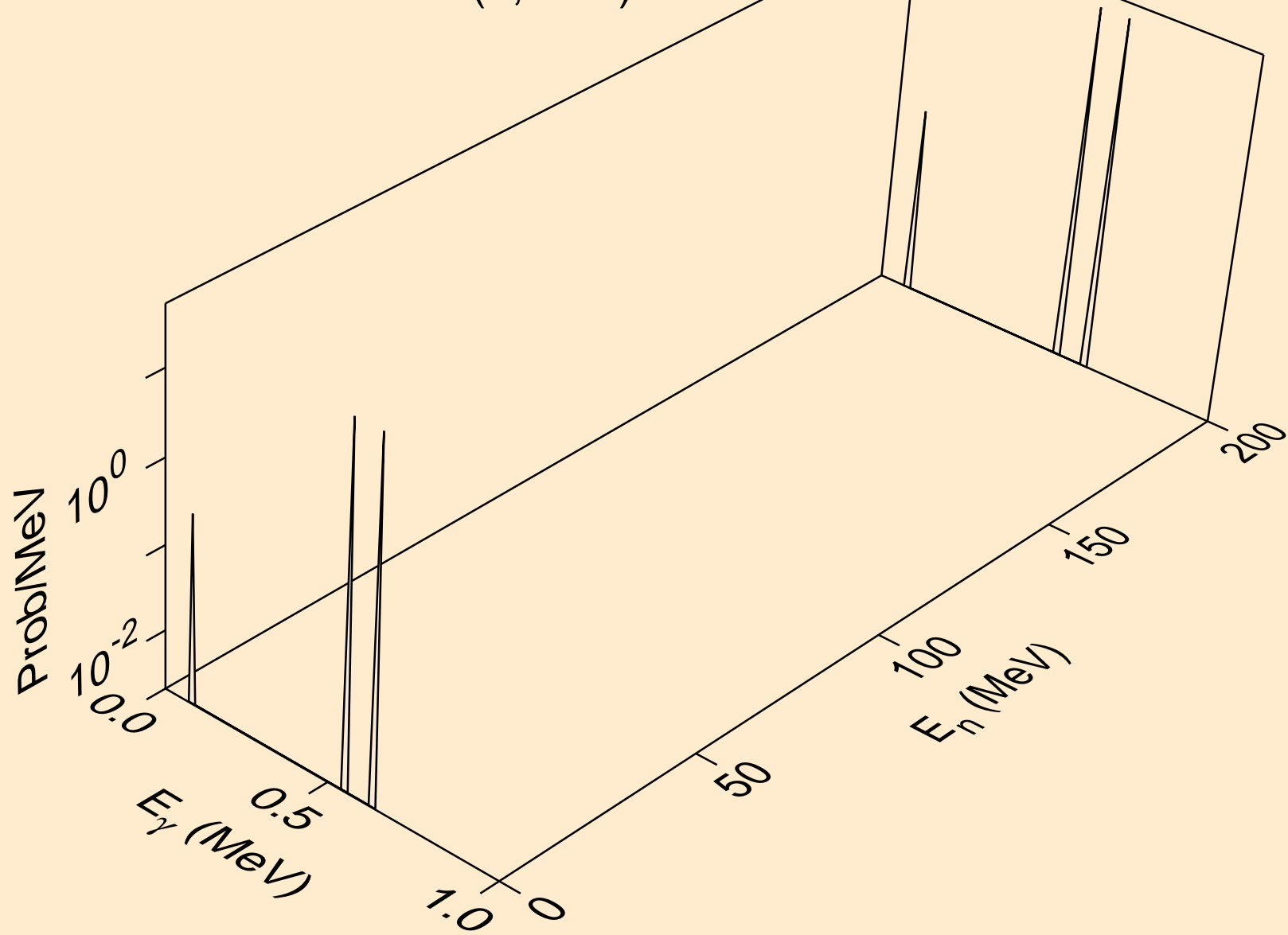
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*11)



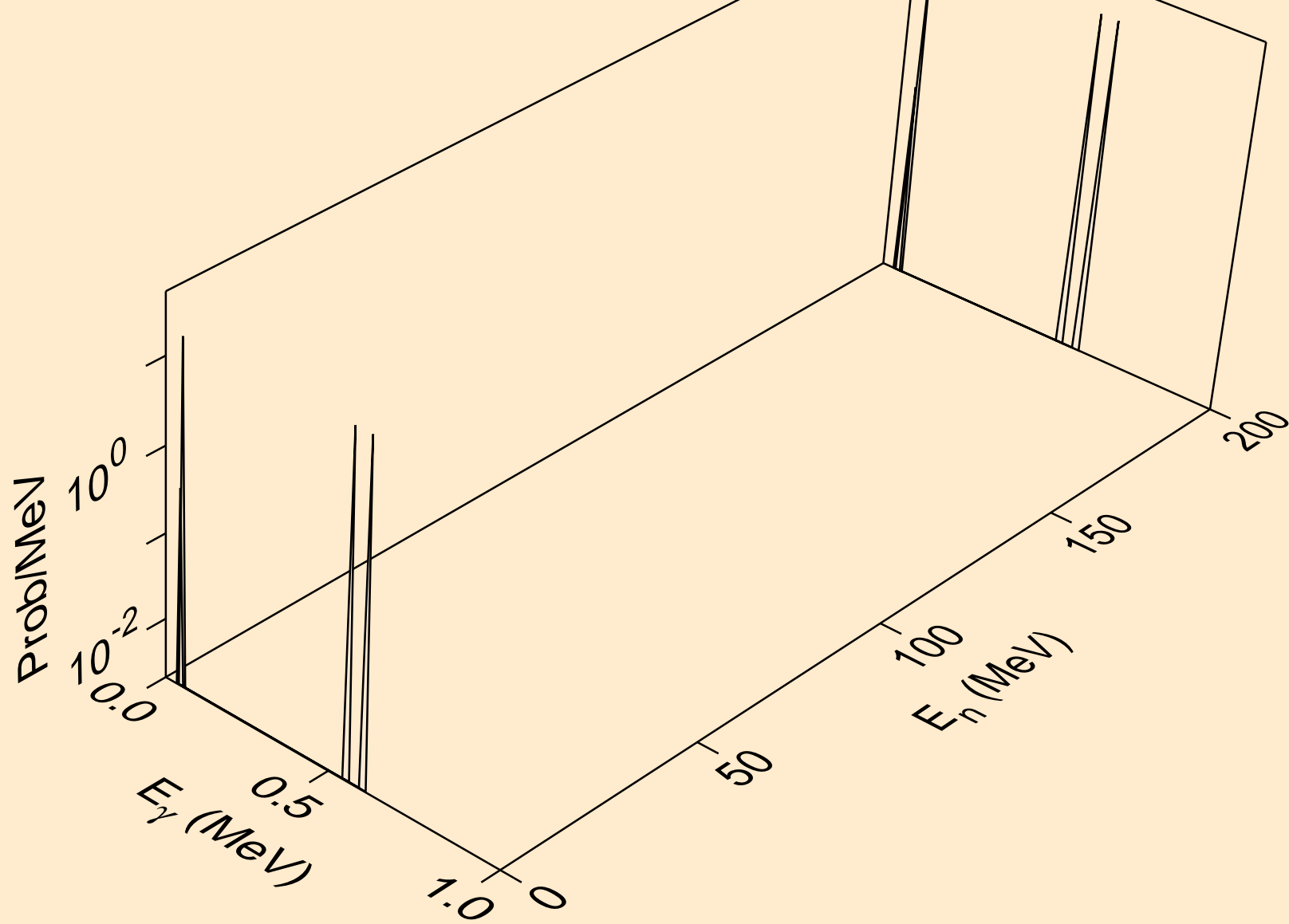
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*12)



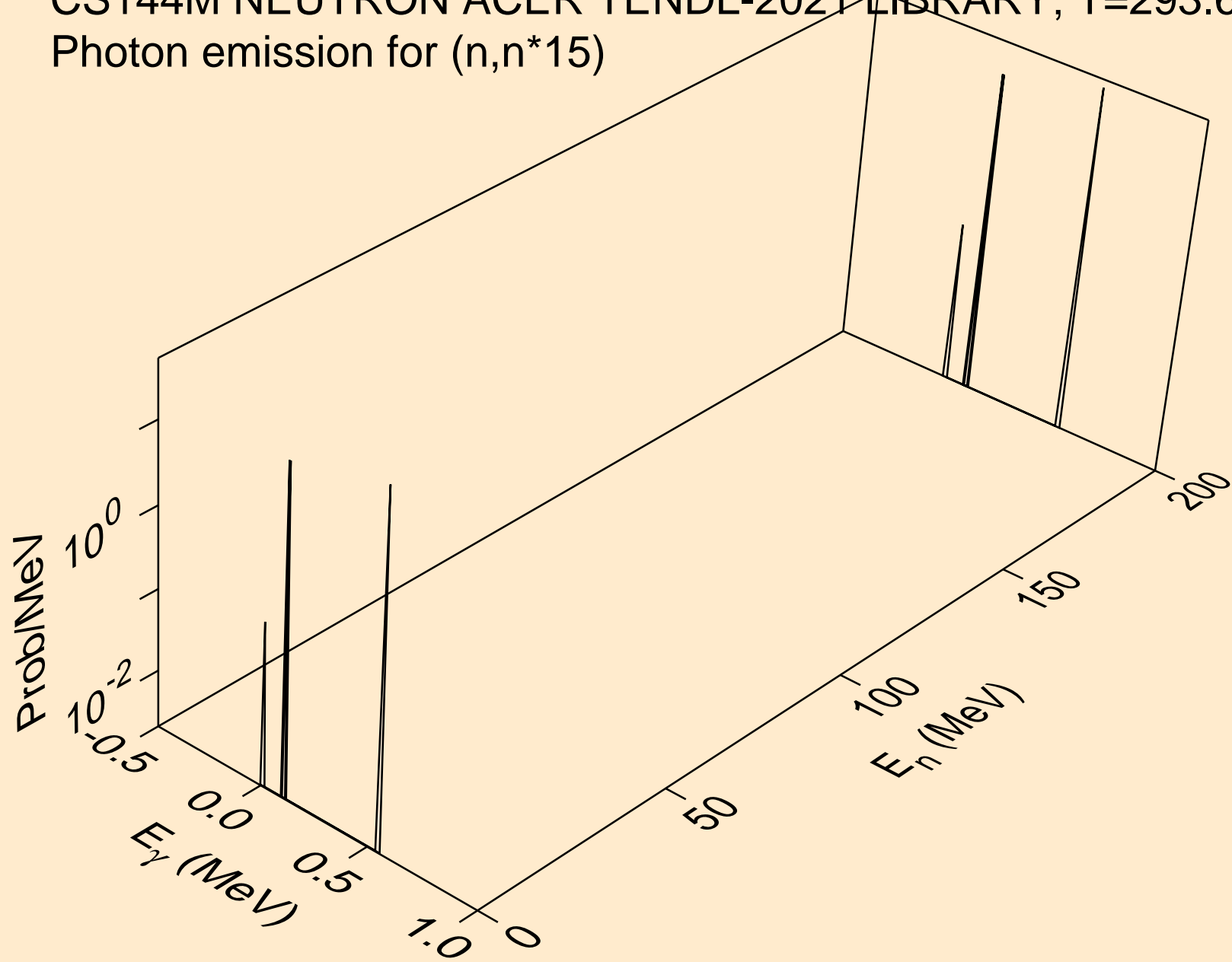
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*13)



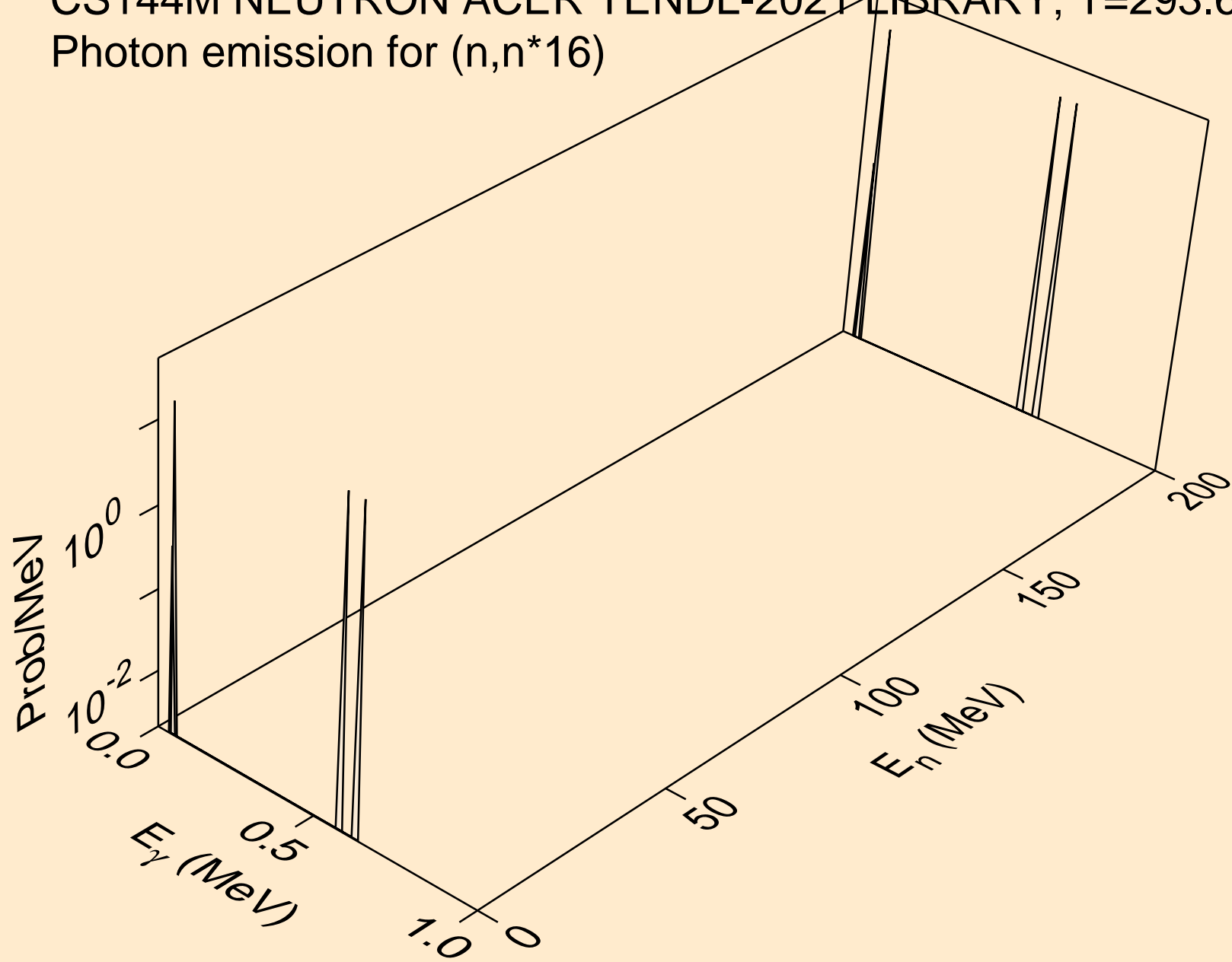
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*14)



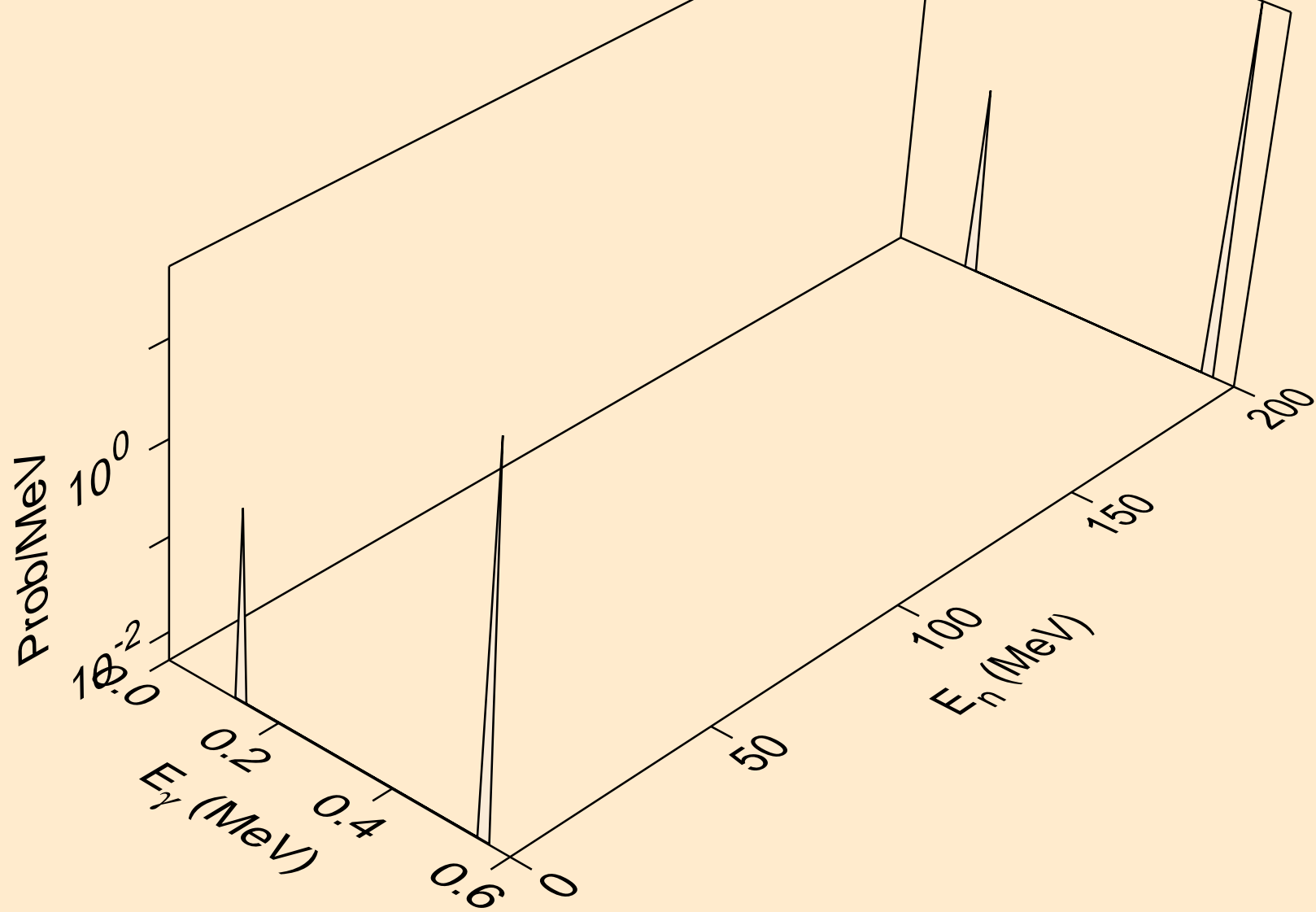
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*15)



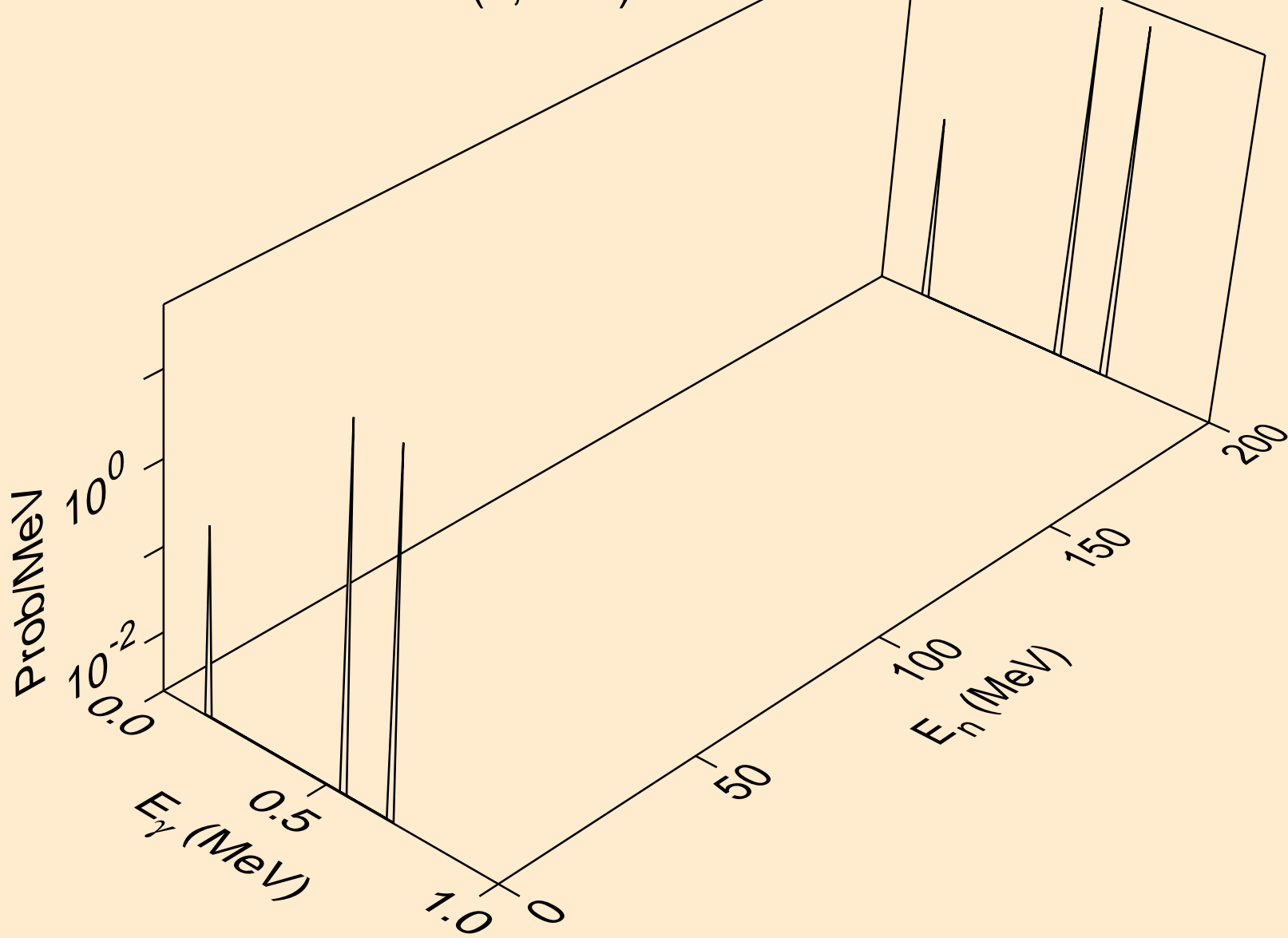
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*16)



CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*17)

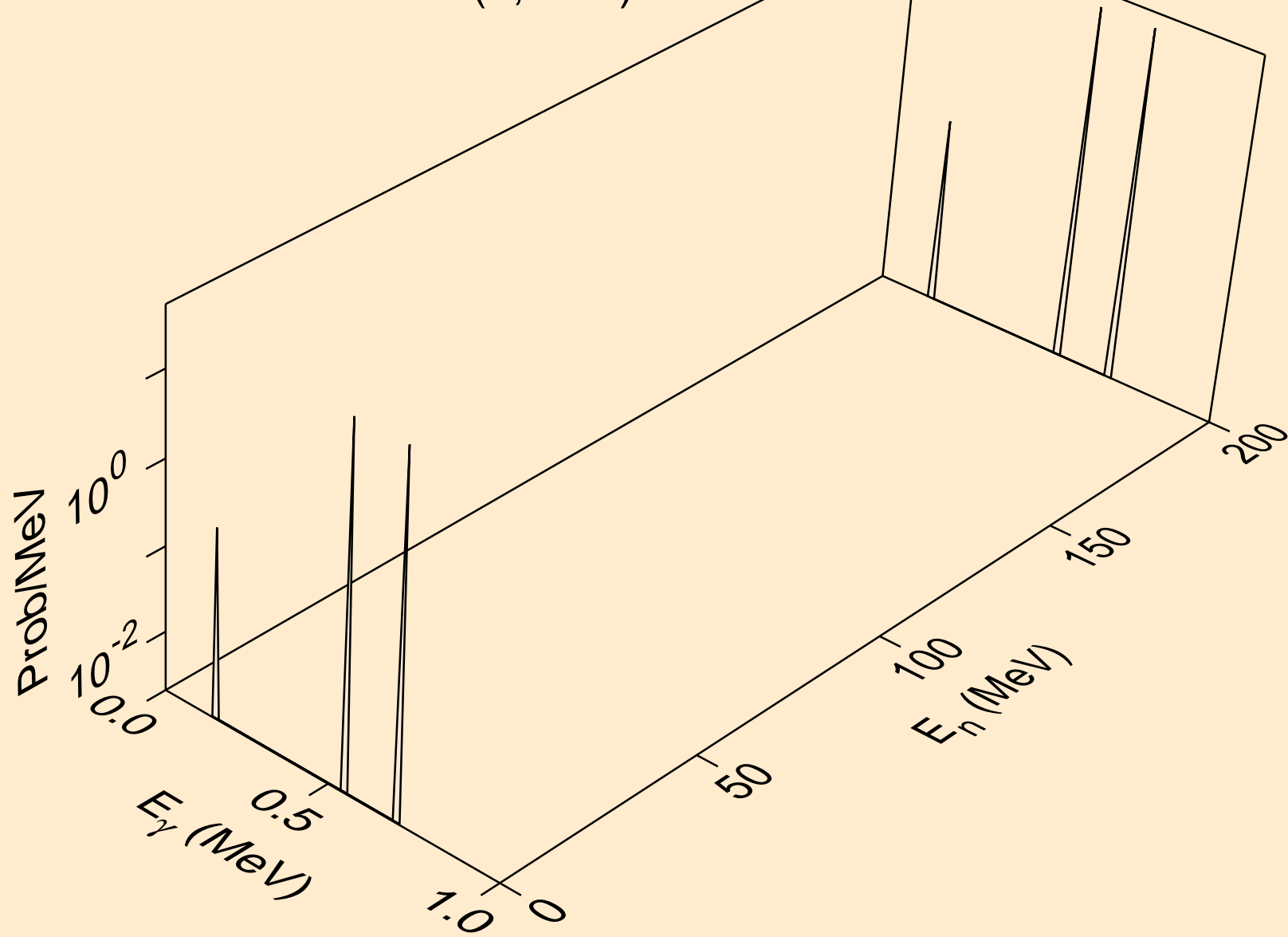


CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*18)

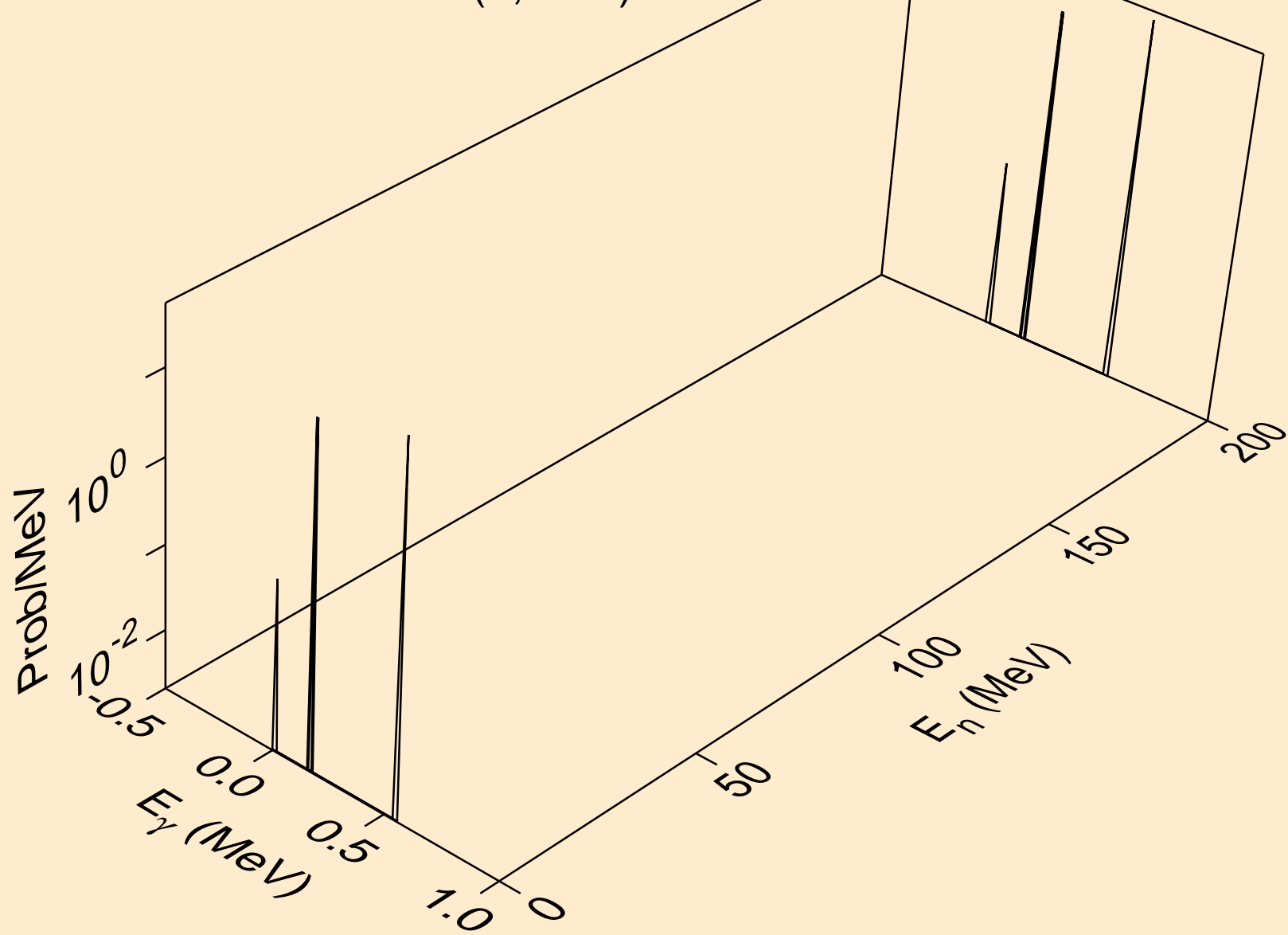




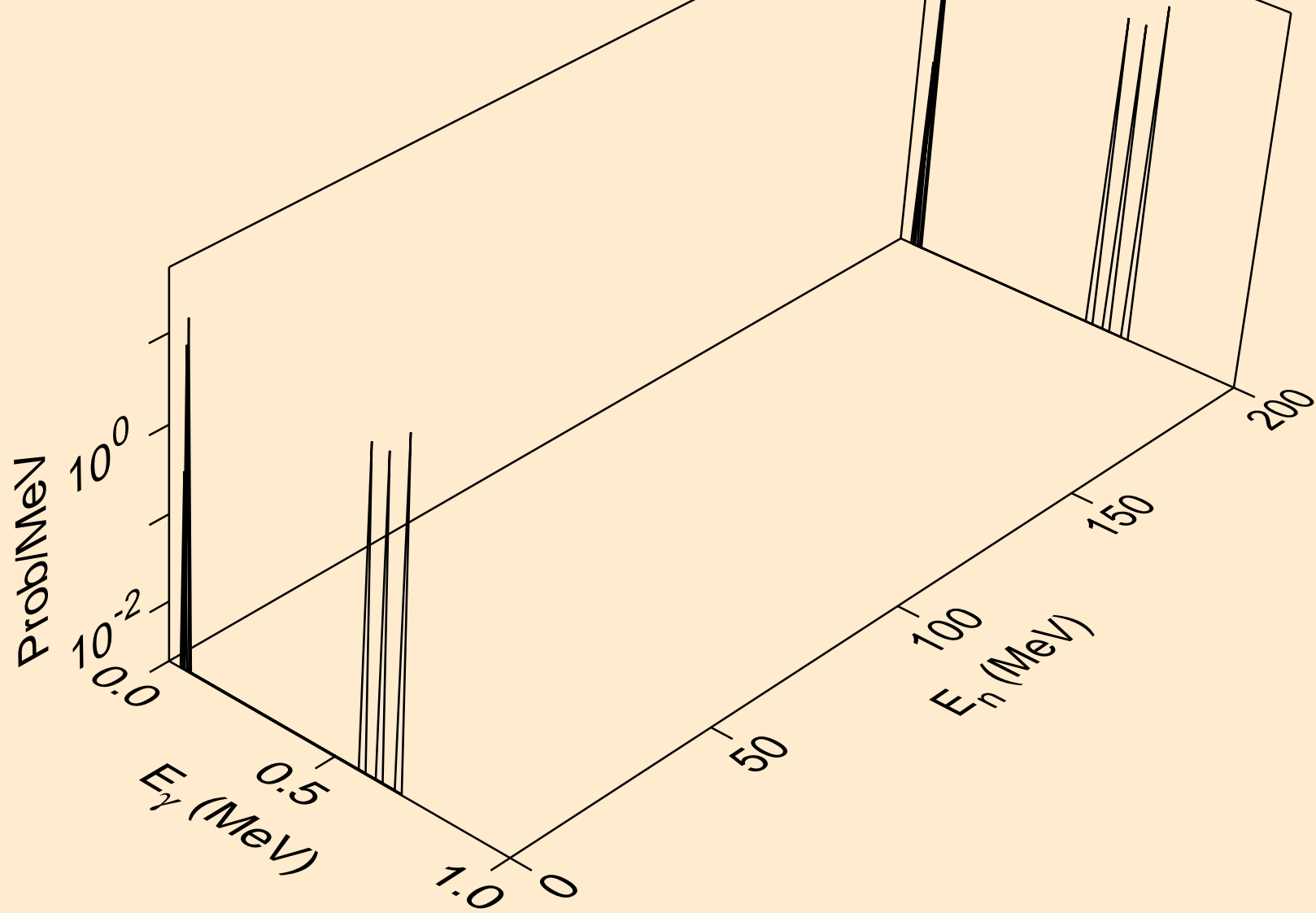
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*19)



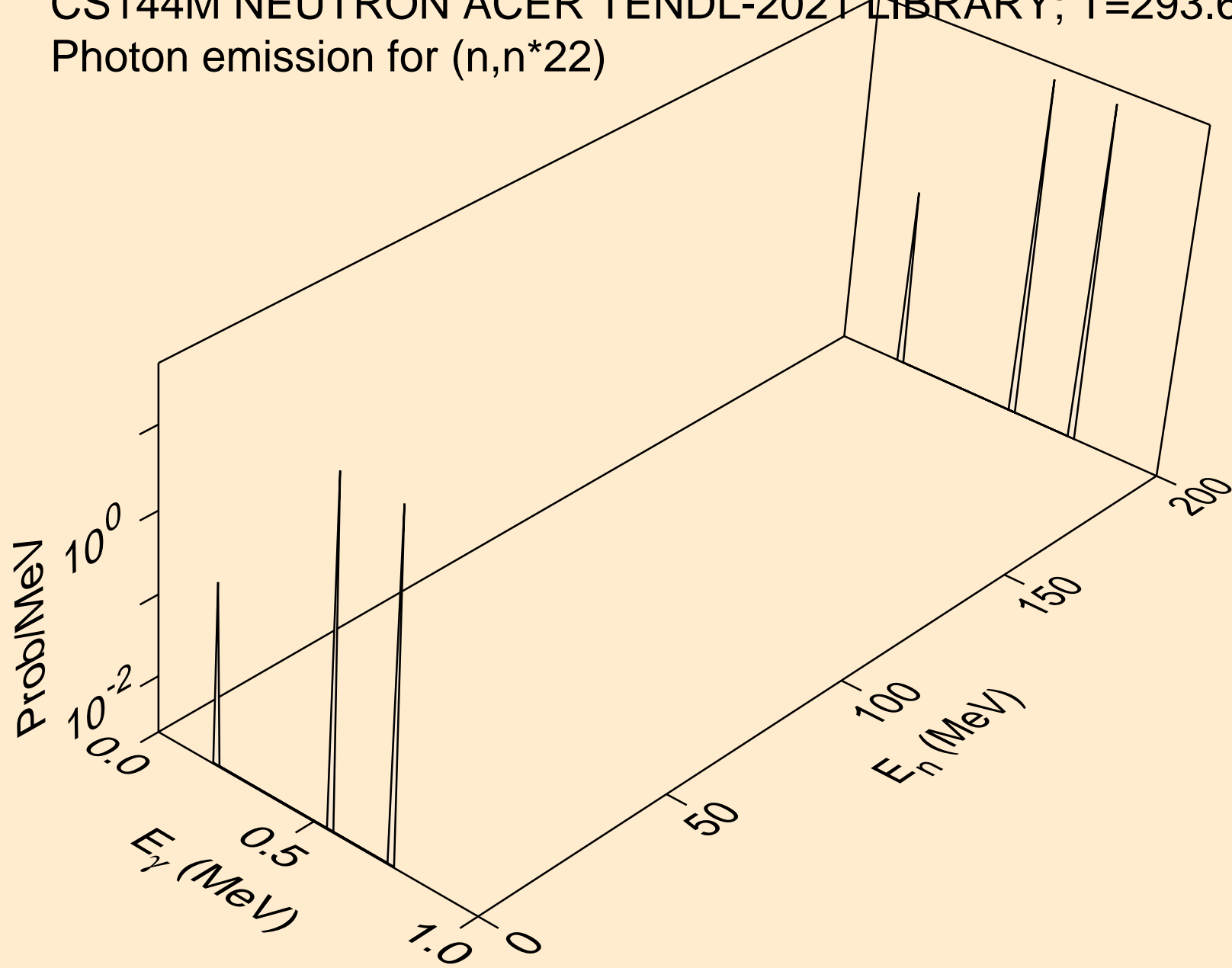
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*20)



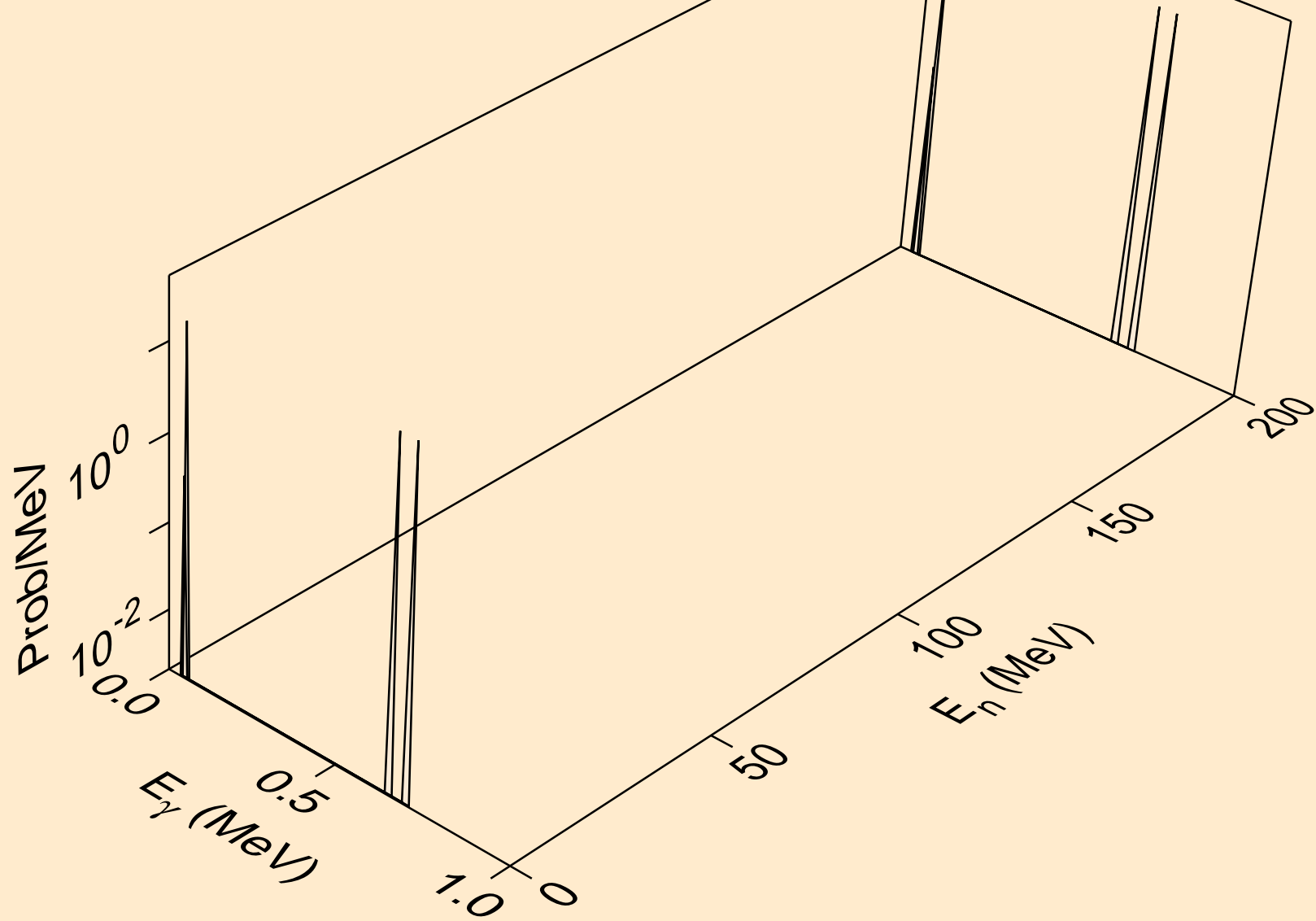
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*21)



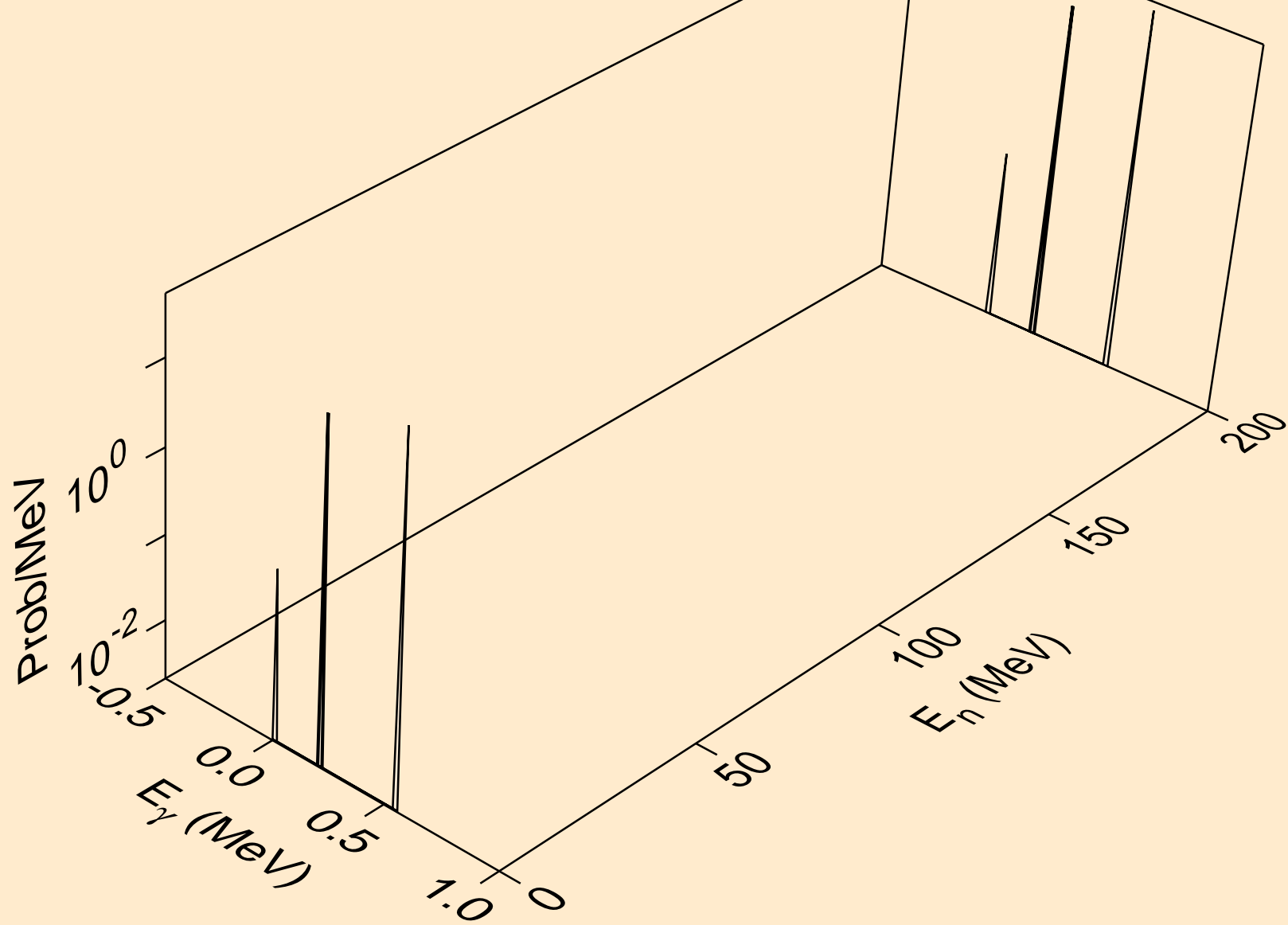
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*22)



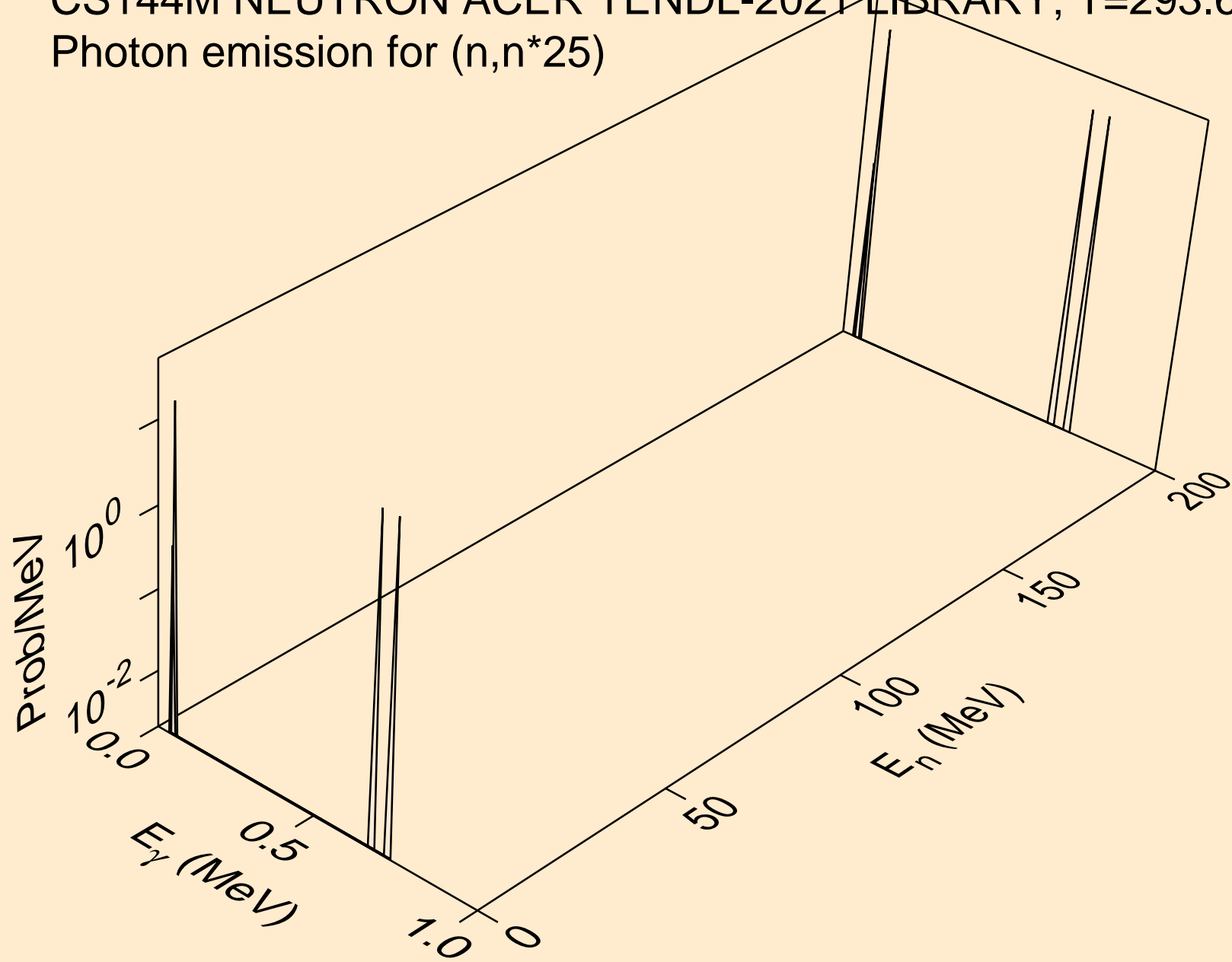
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*23)



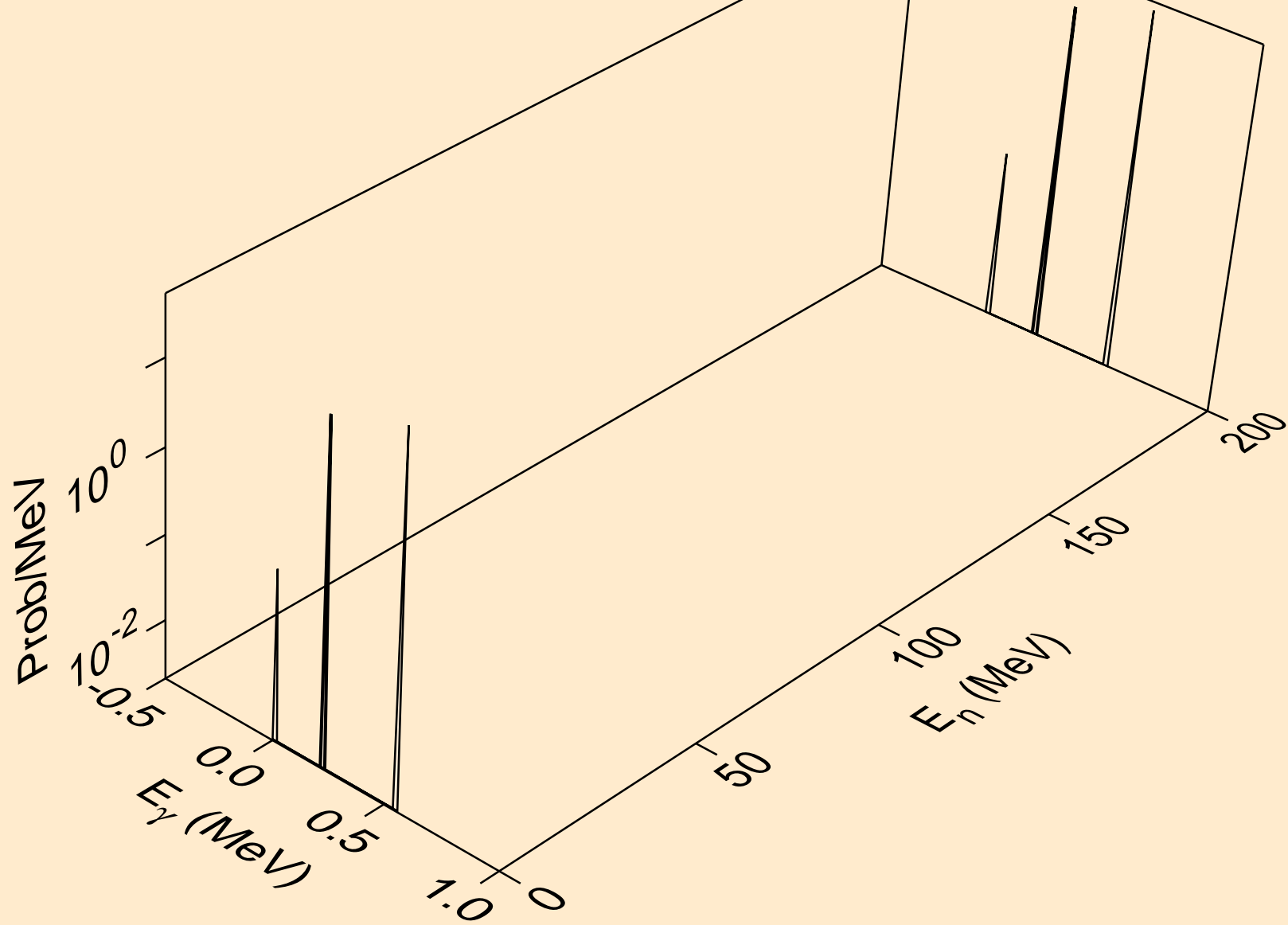
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*24)



CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*25)

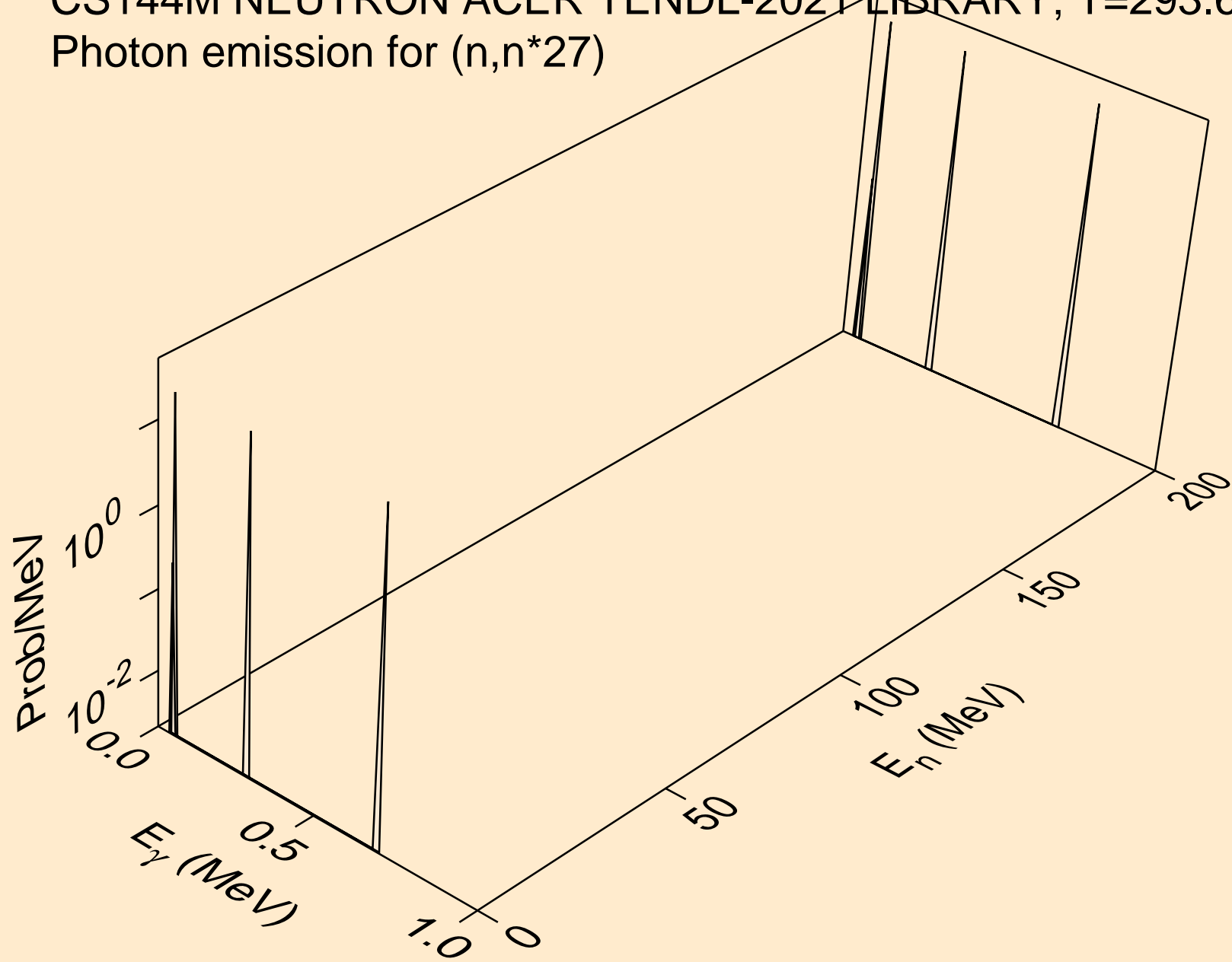


CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*26)

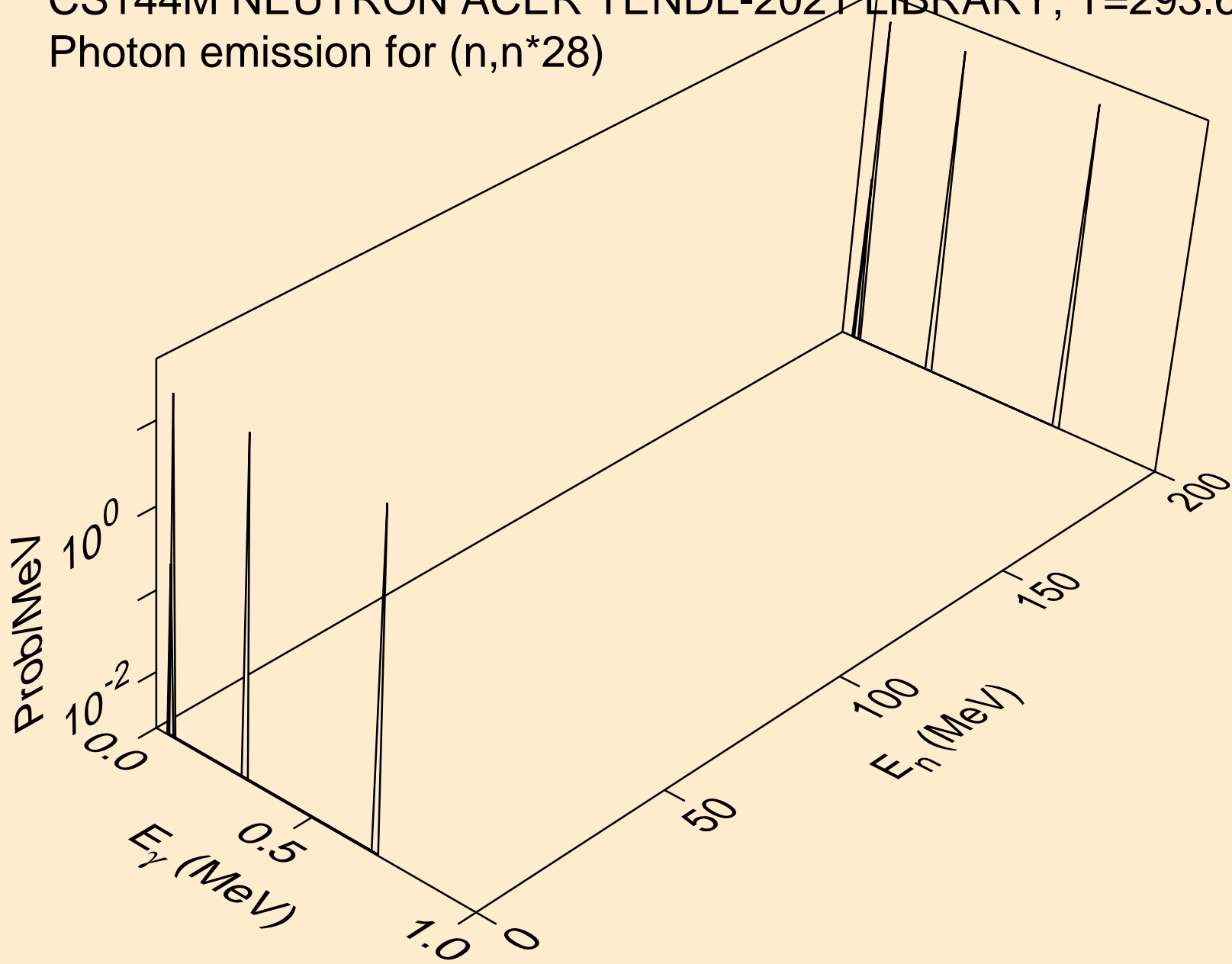




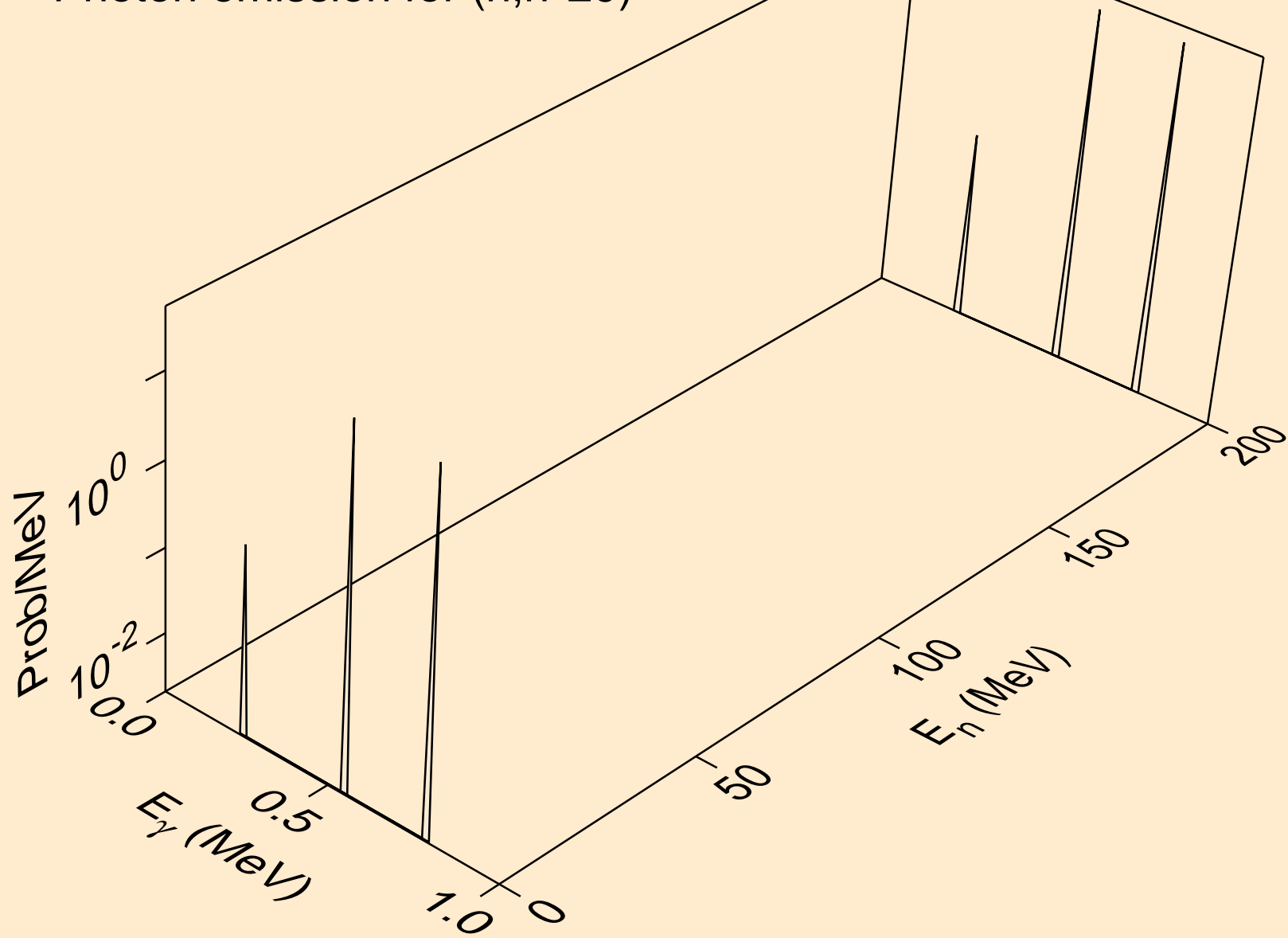
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*27)



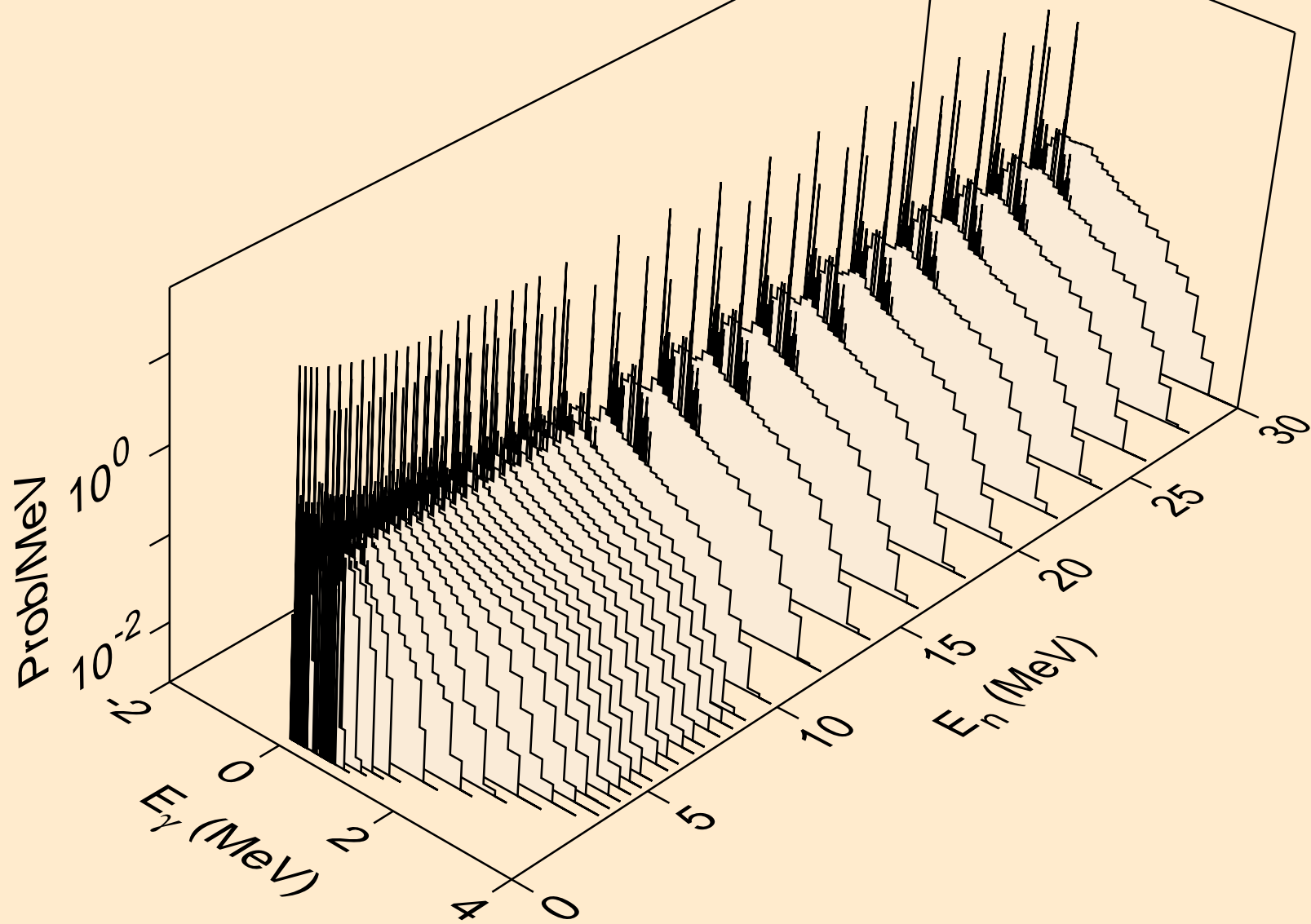
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*28)



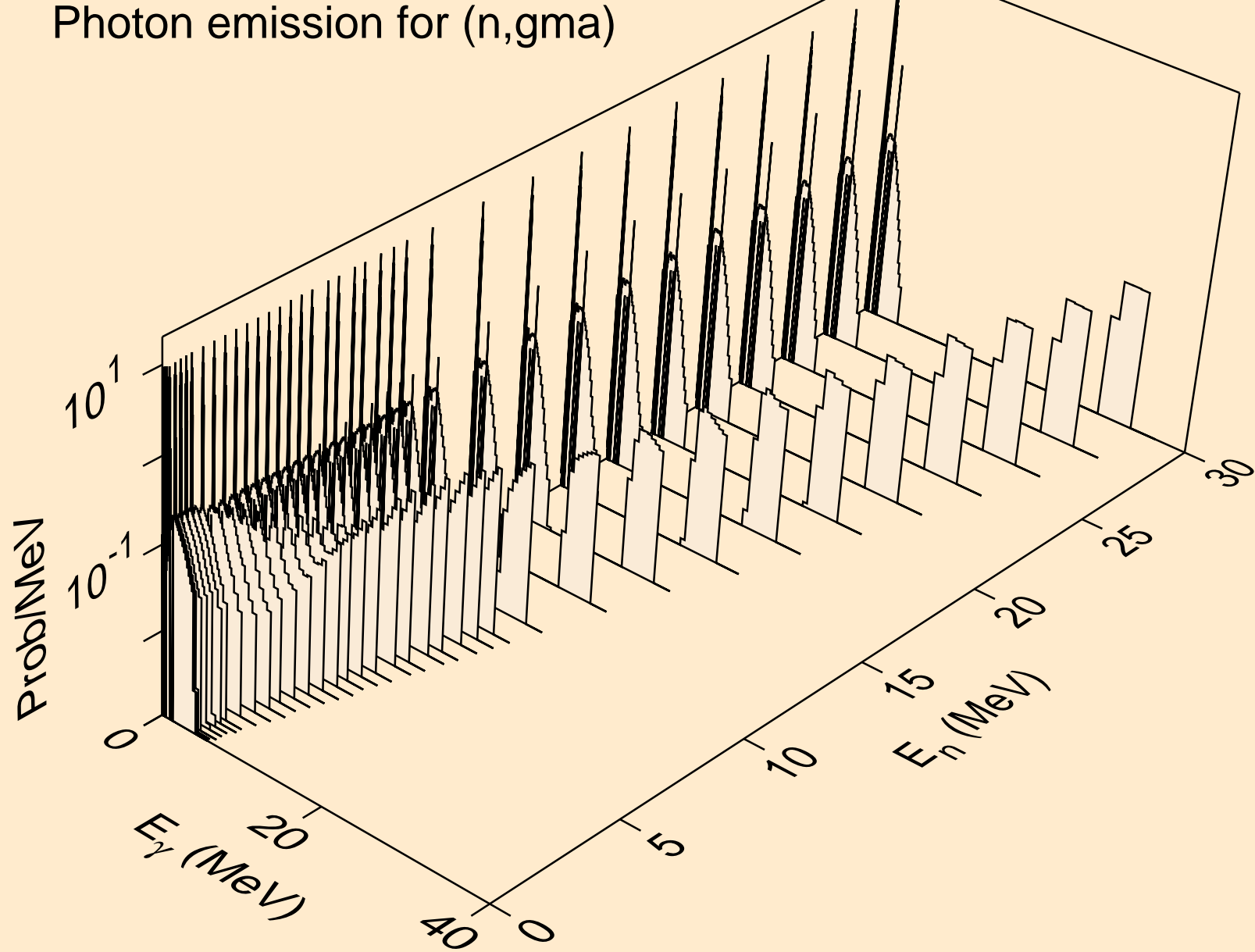
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*29)



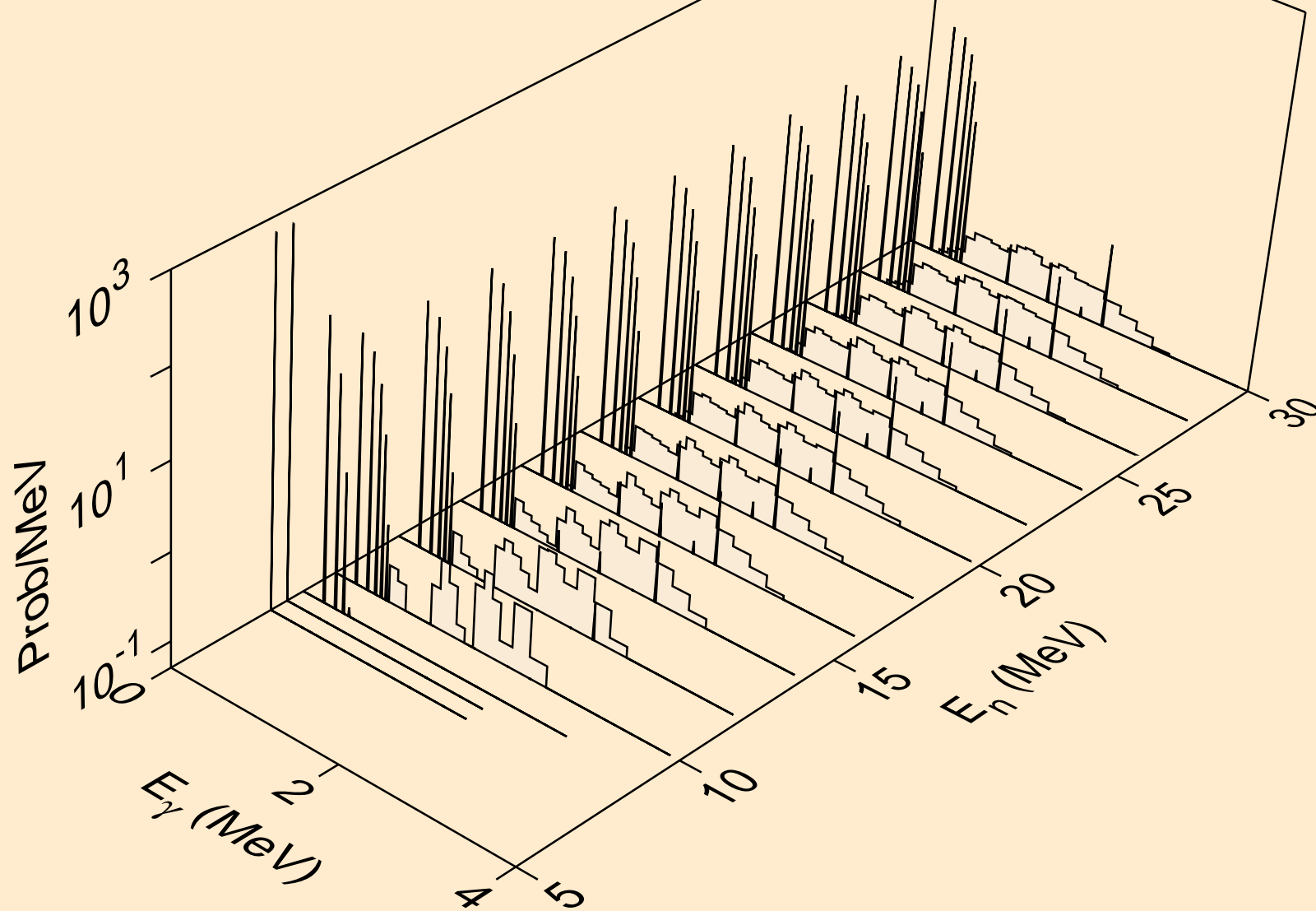
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)



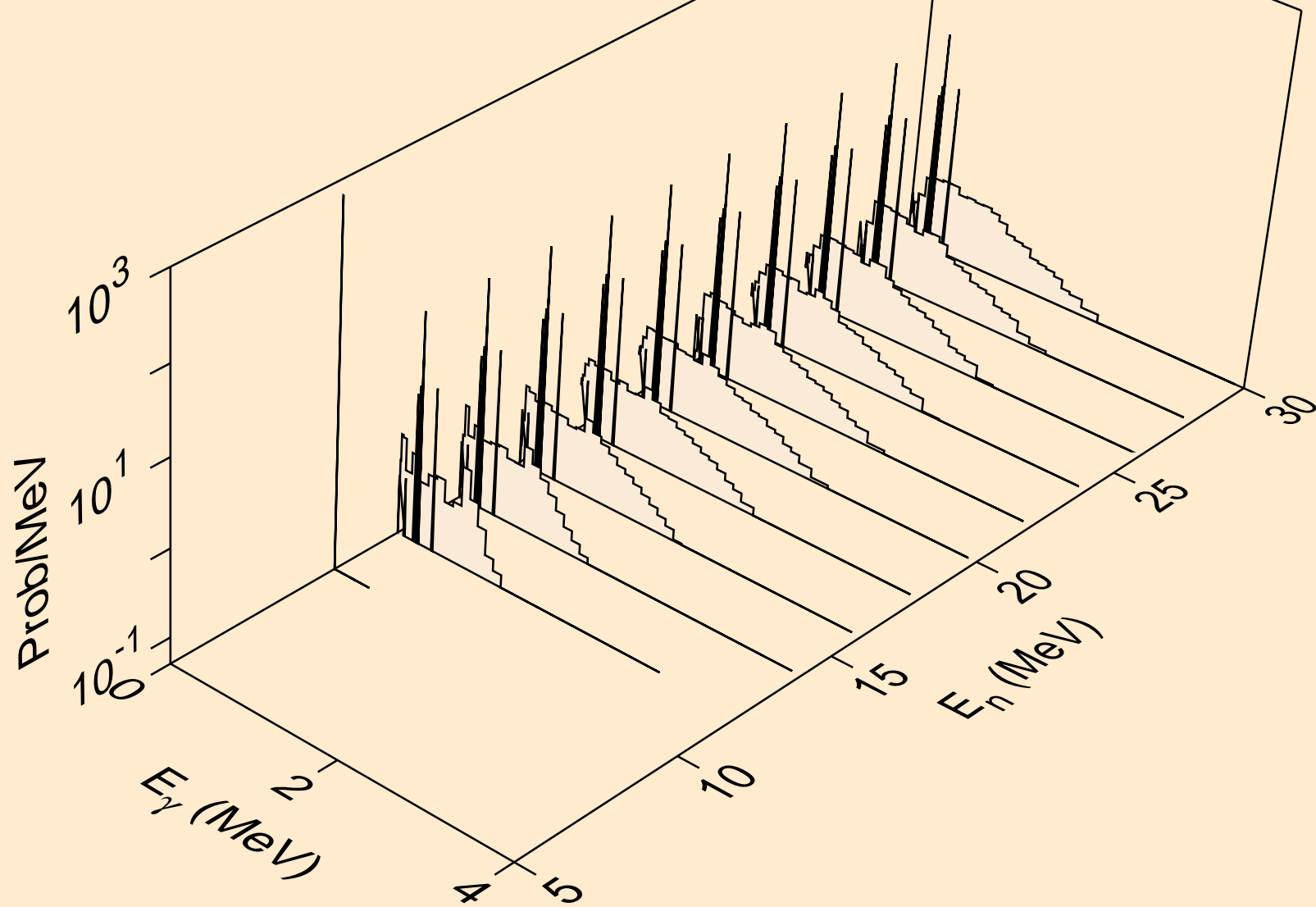
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,gma)



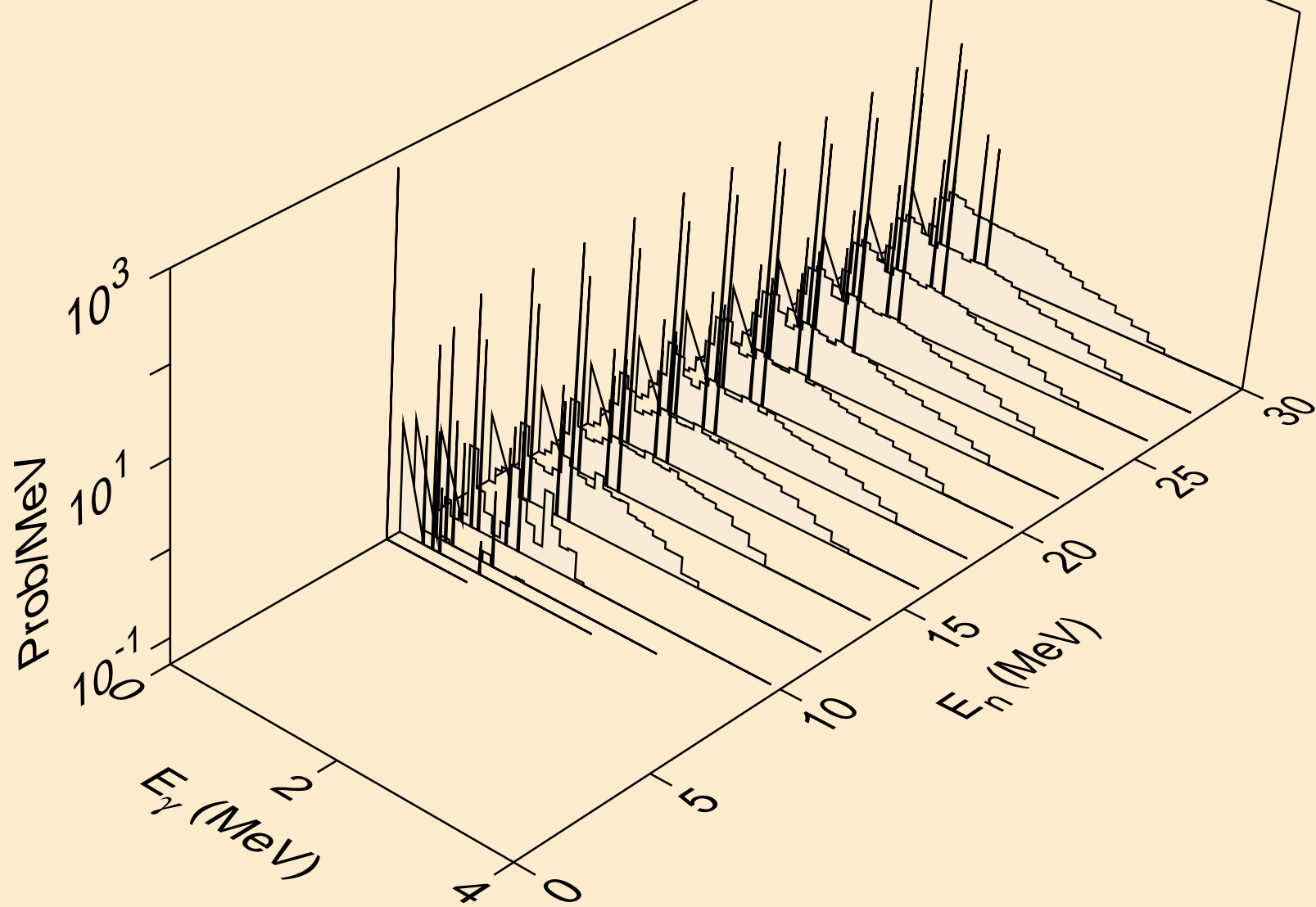
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p)



CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,d)

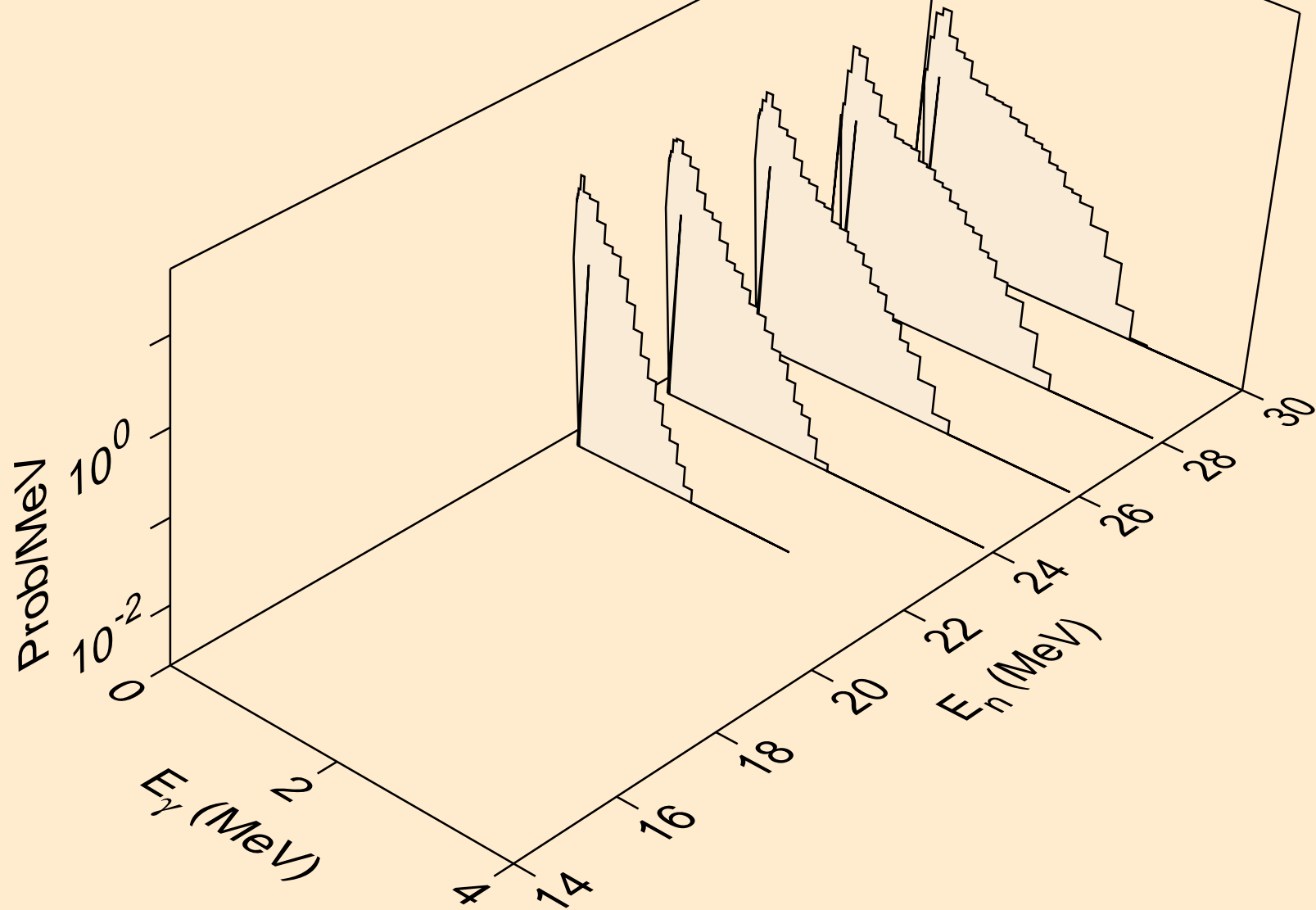


CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,t)

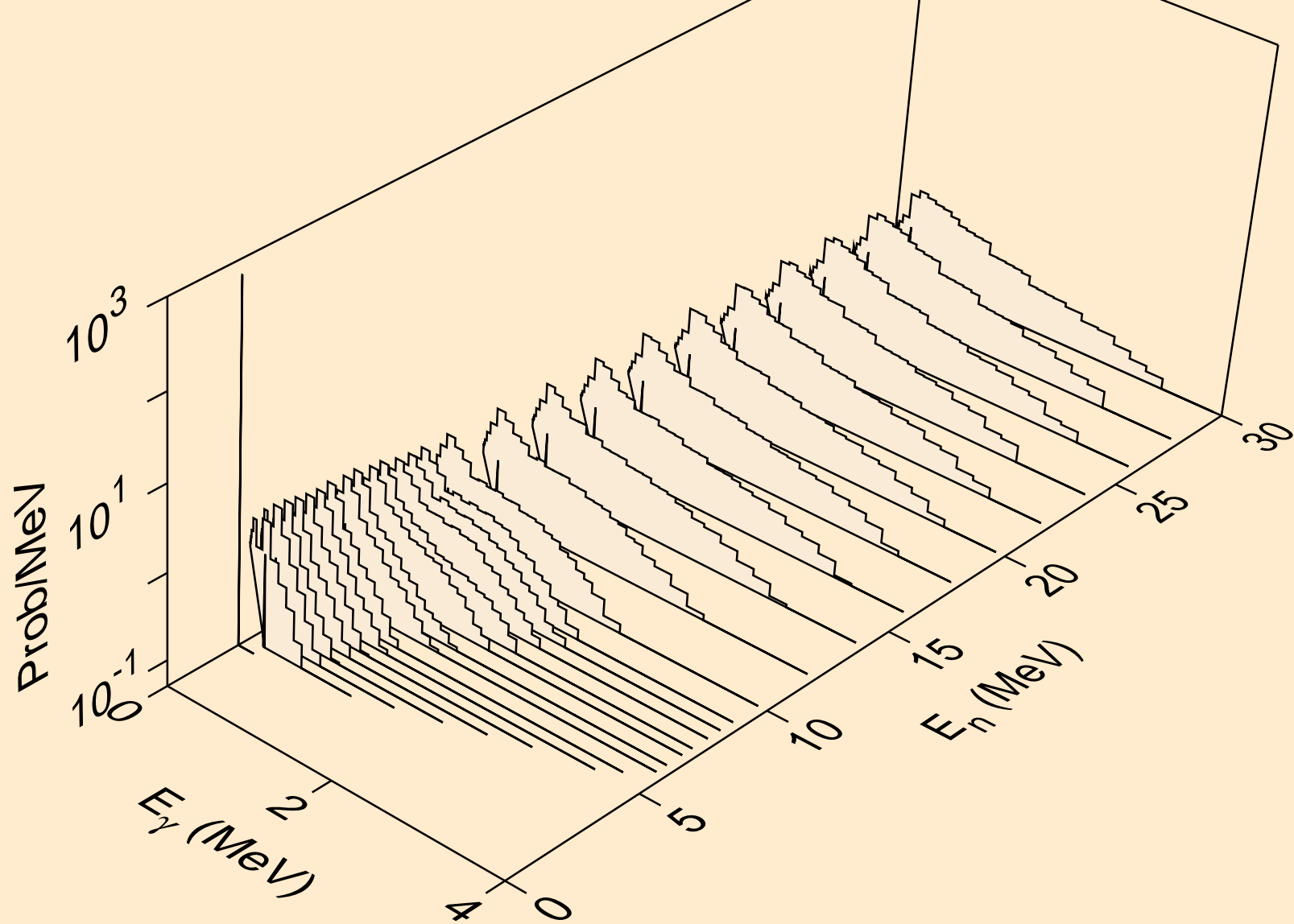




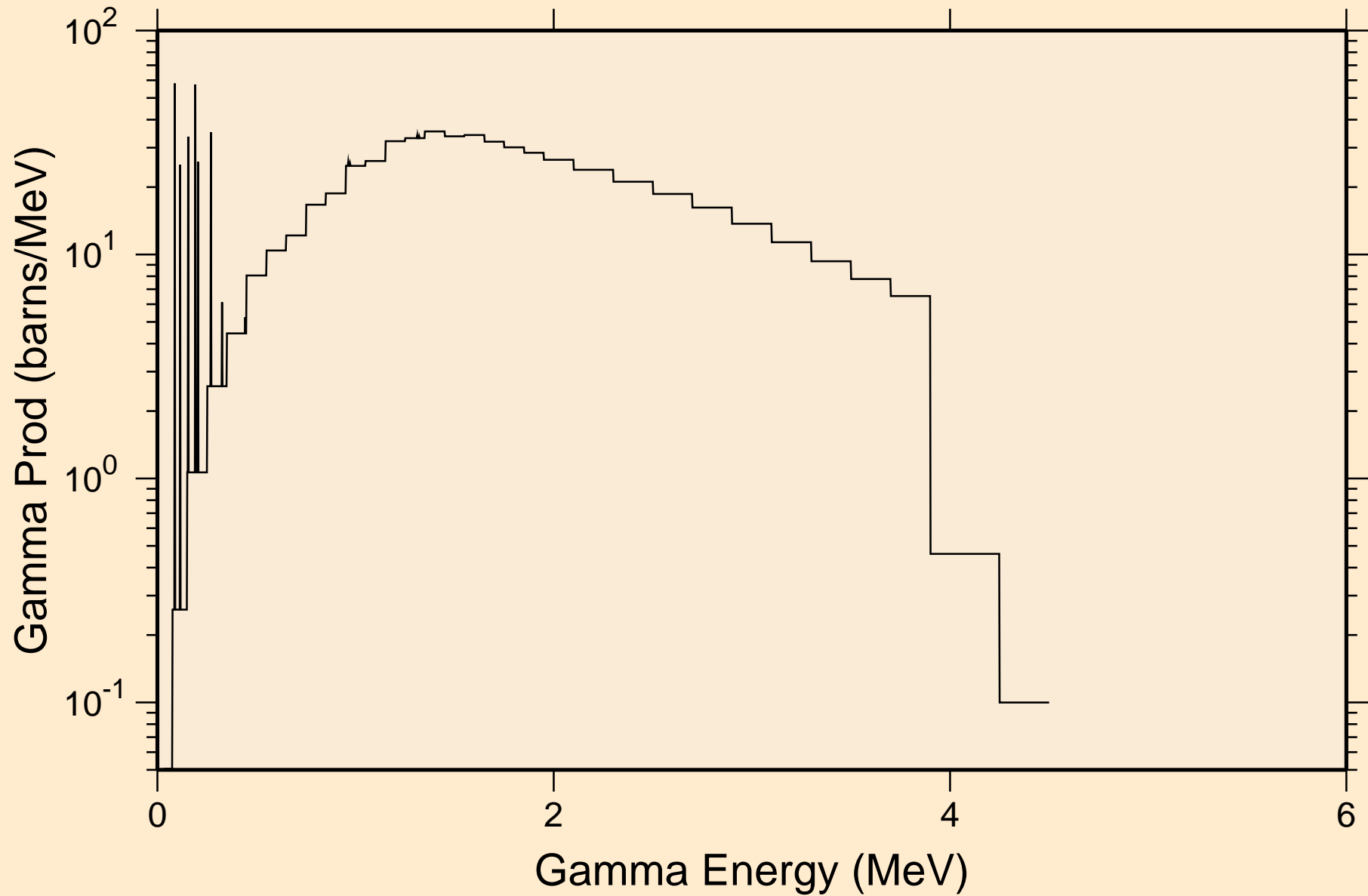
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,he3)



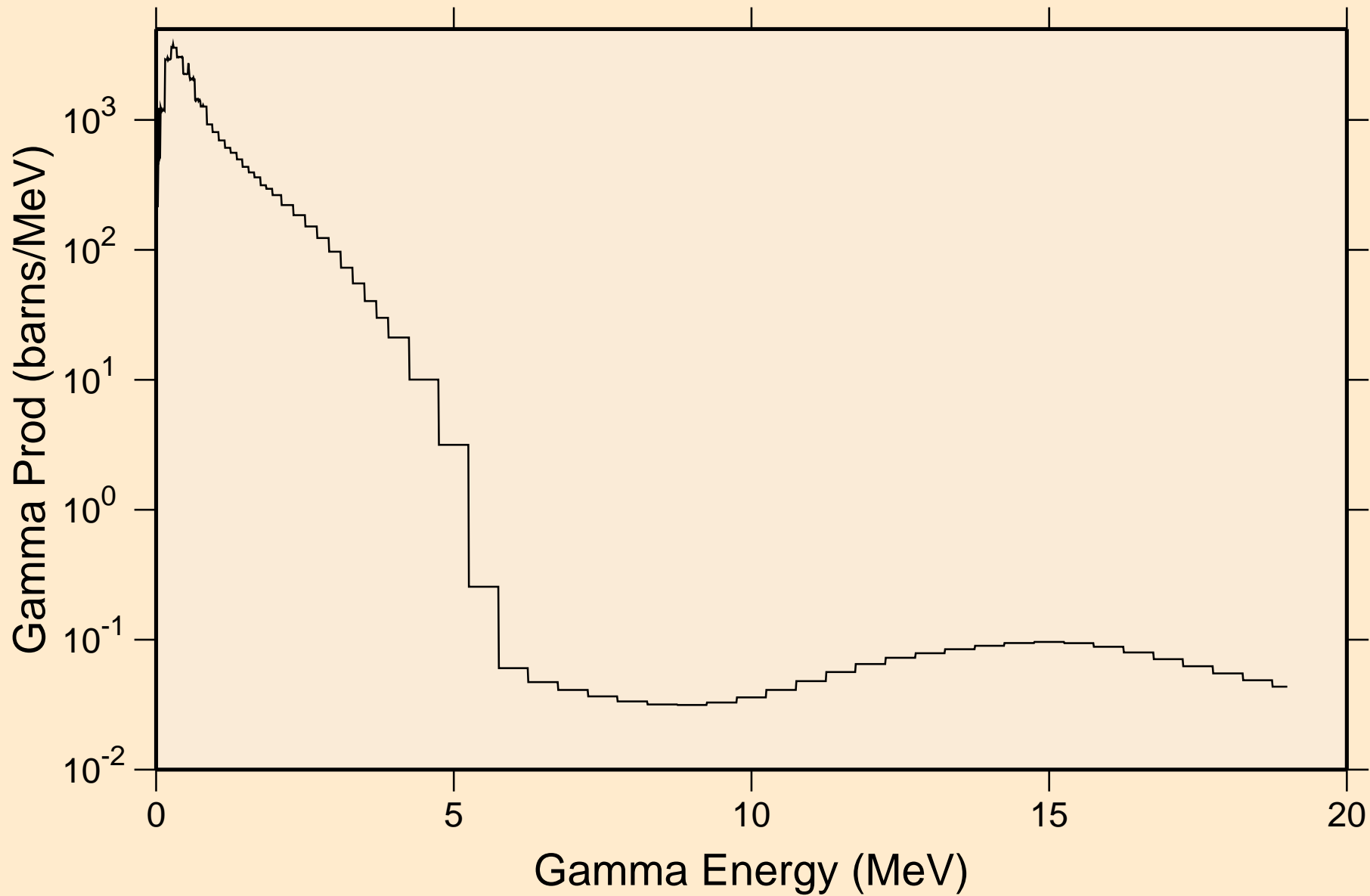
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,a)



CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
thermal capture photon spectrum

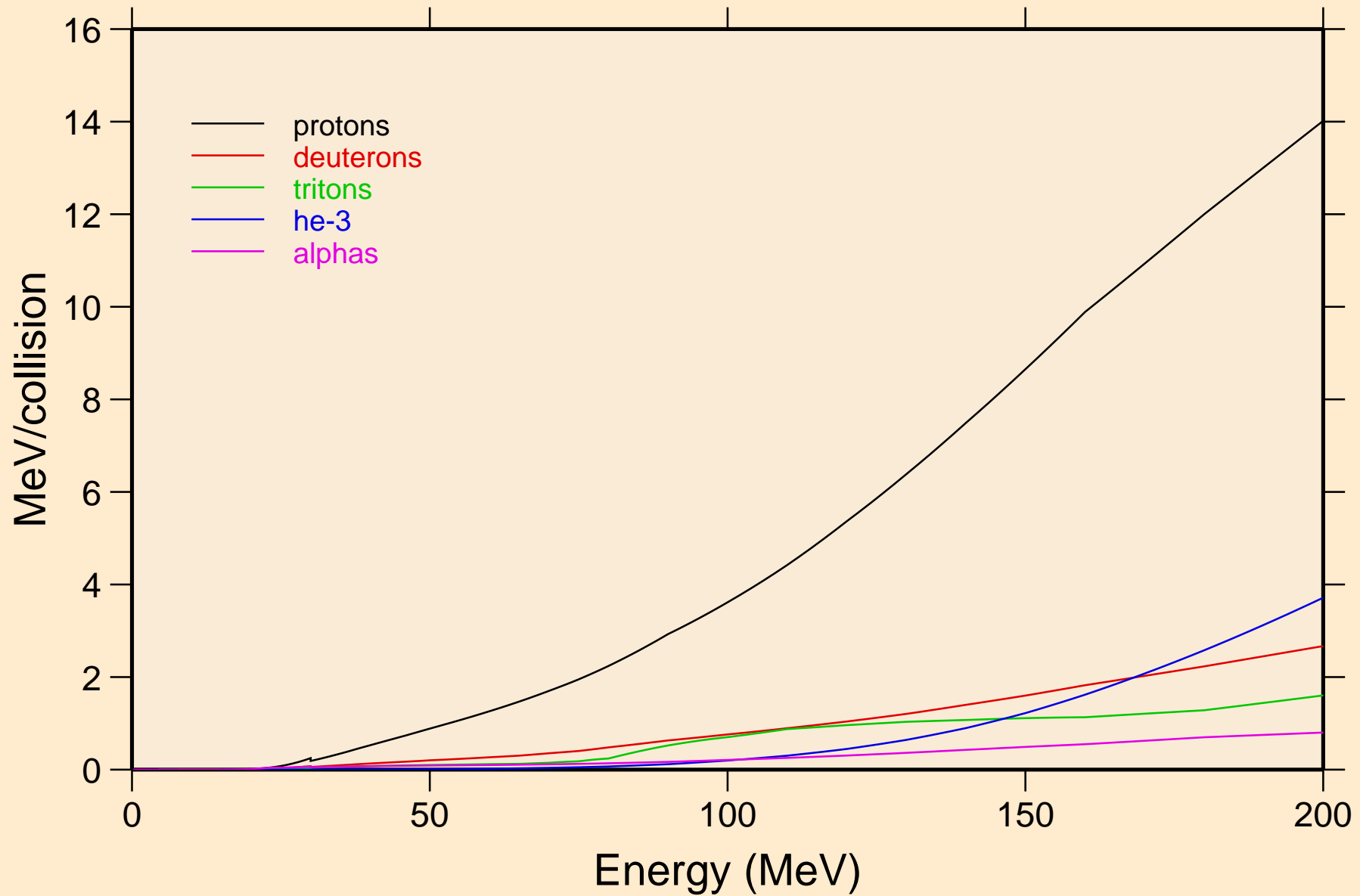


CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
14 MeV photon spectrum

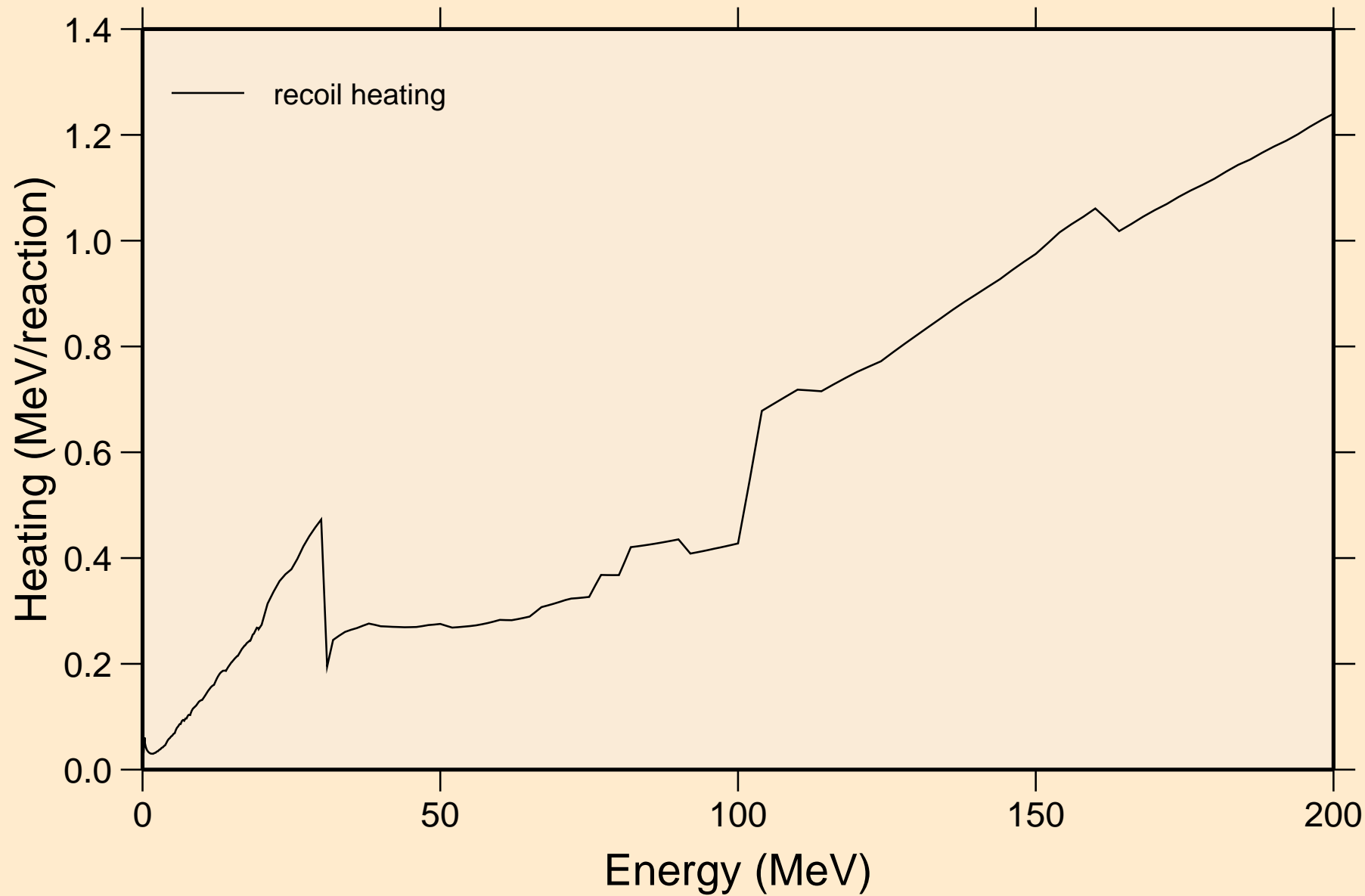


# CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

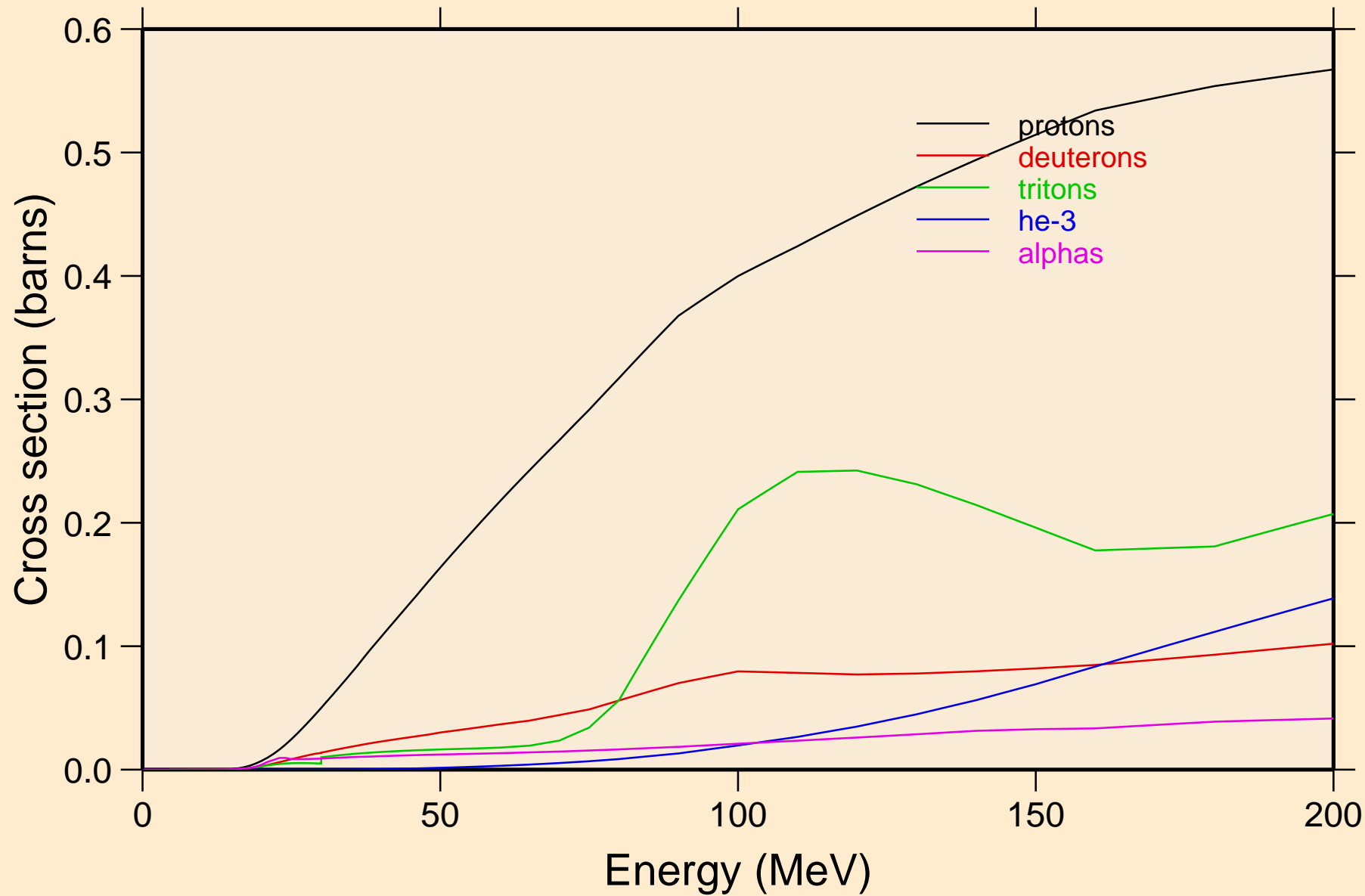
## Particle heating contributions



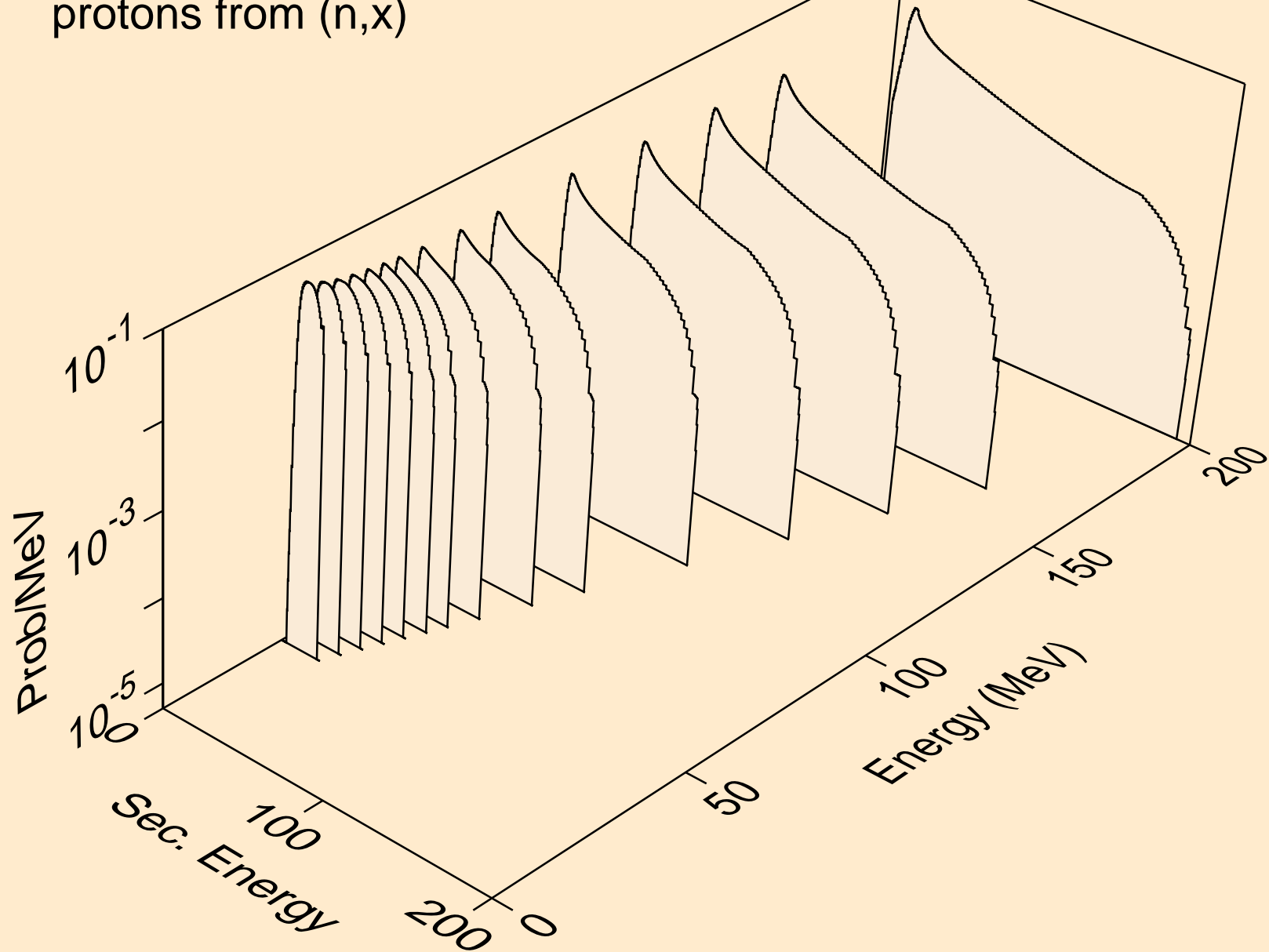
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Recoil Heating



CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Particle production cross sections

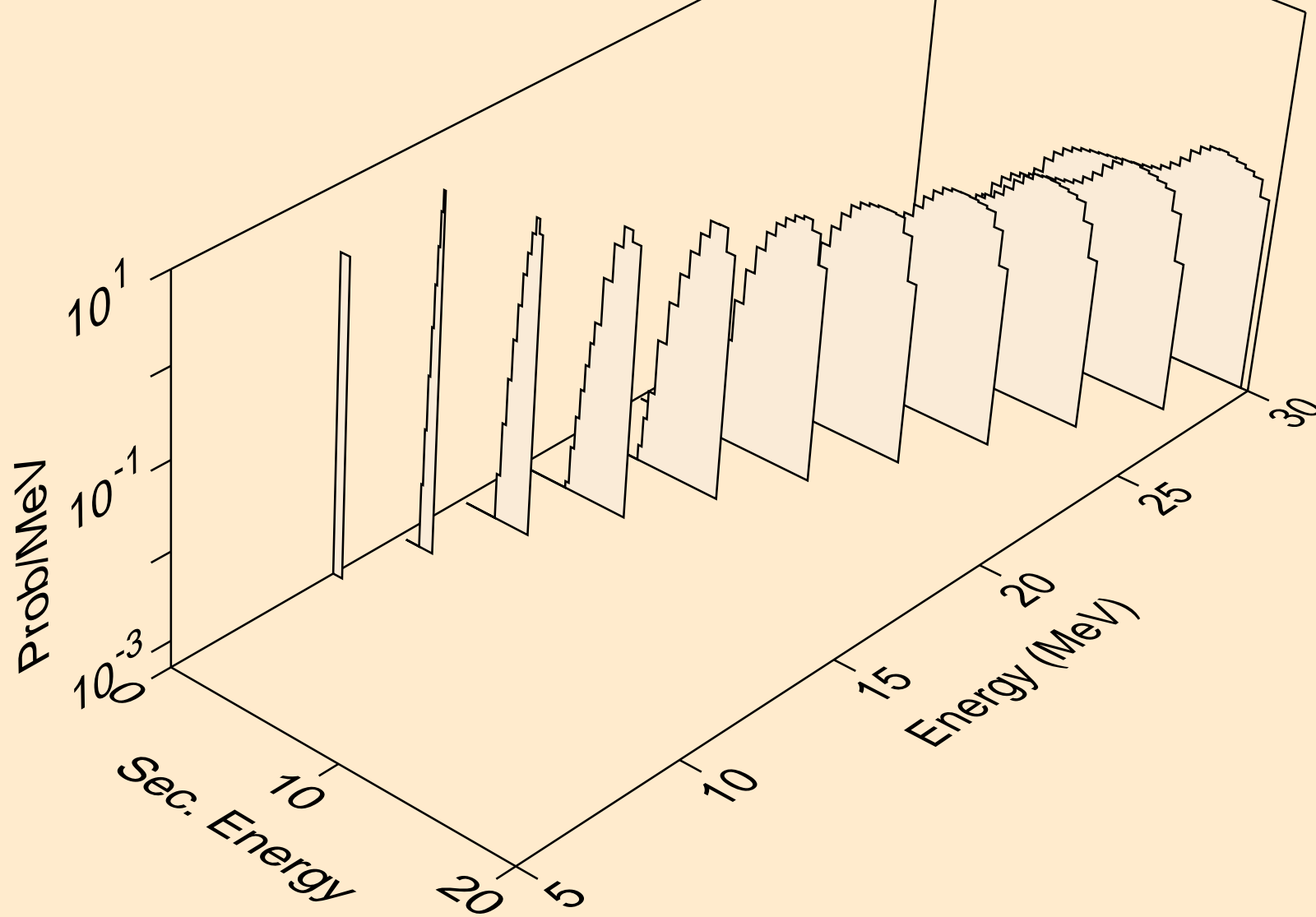


CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)

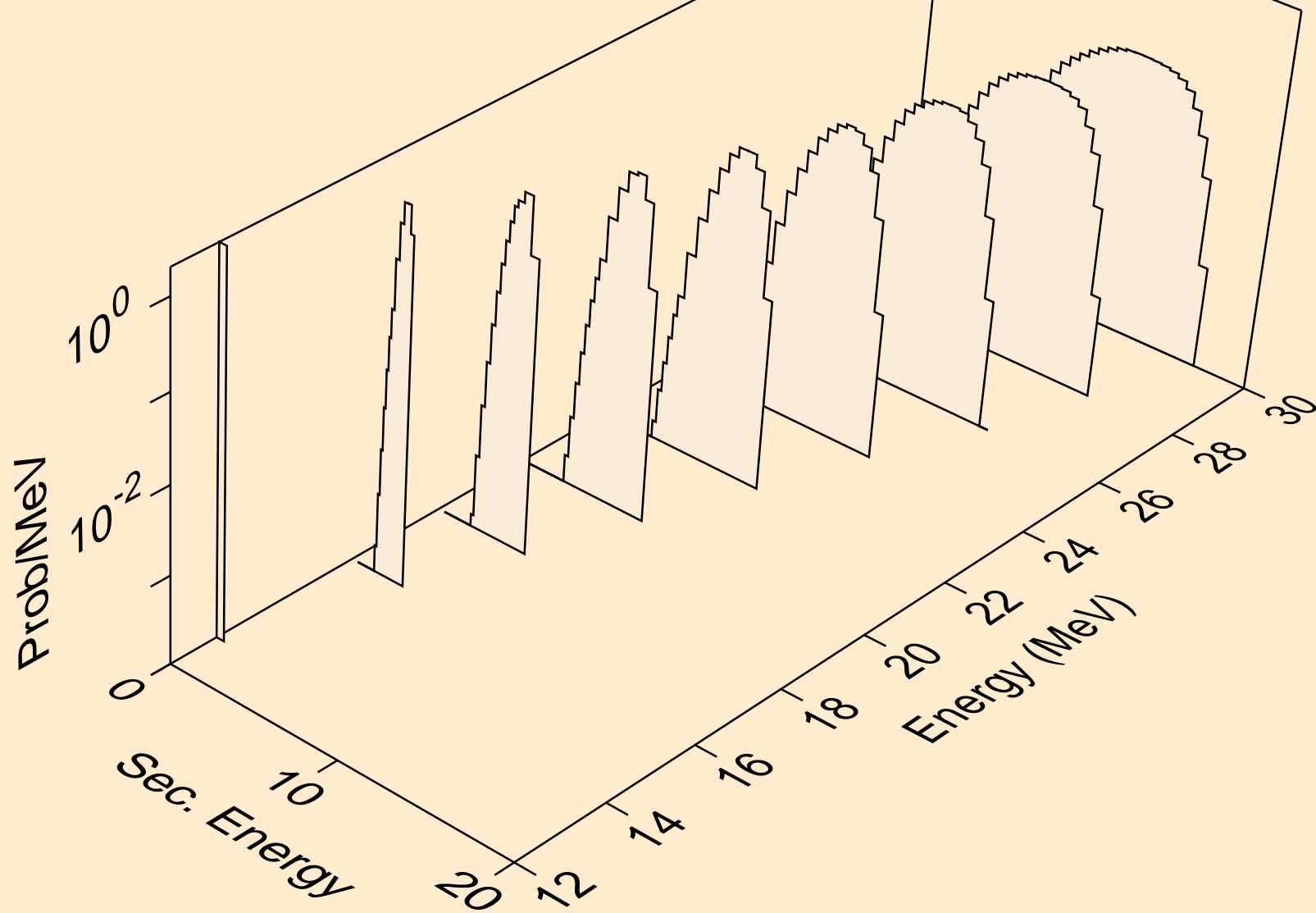




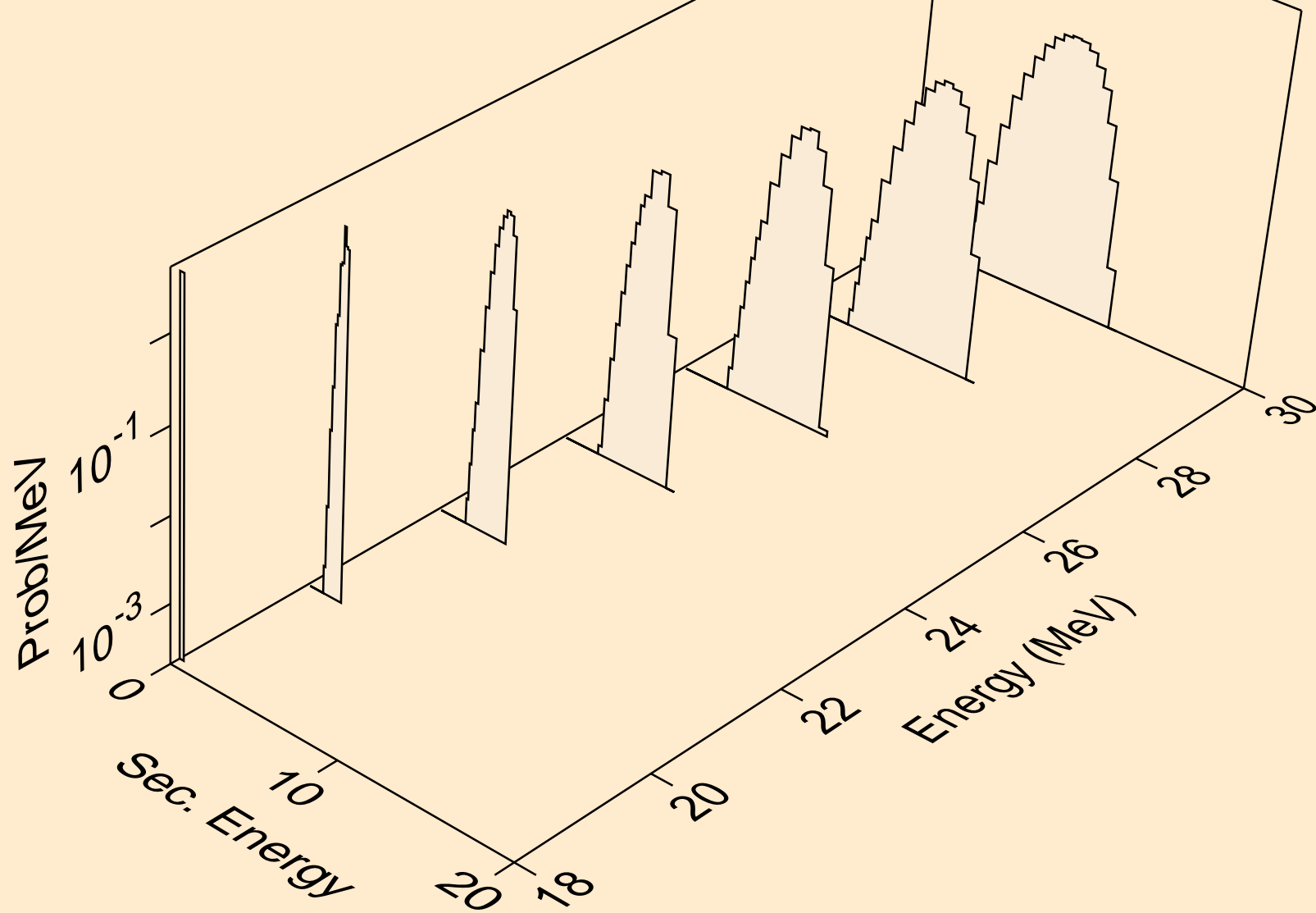
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,n\*)p



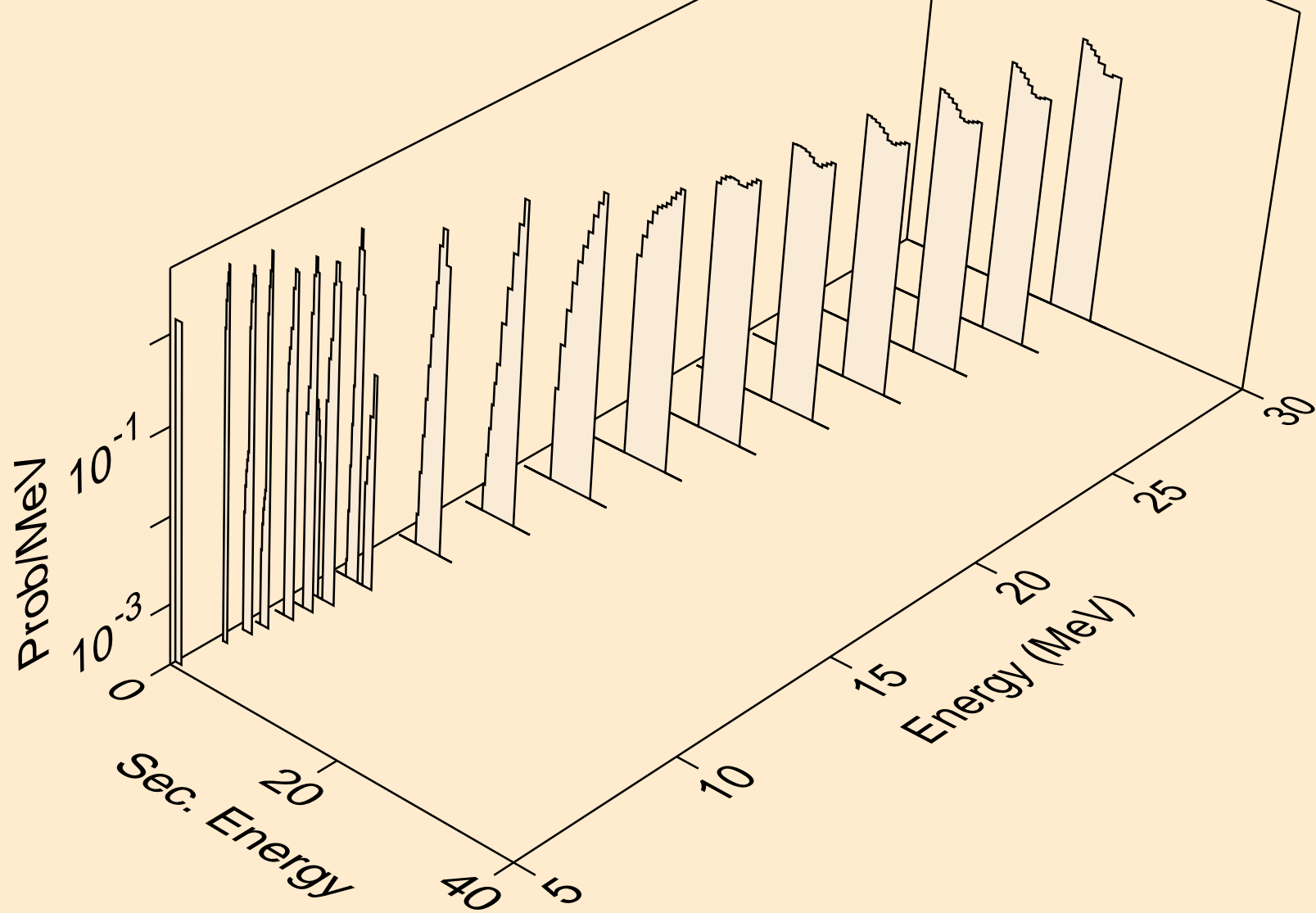
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2np)



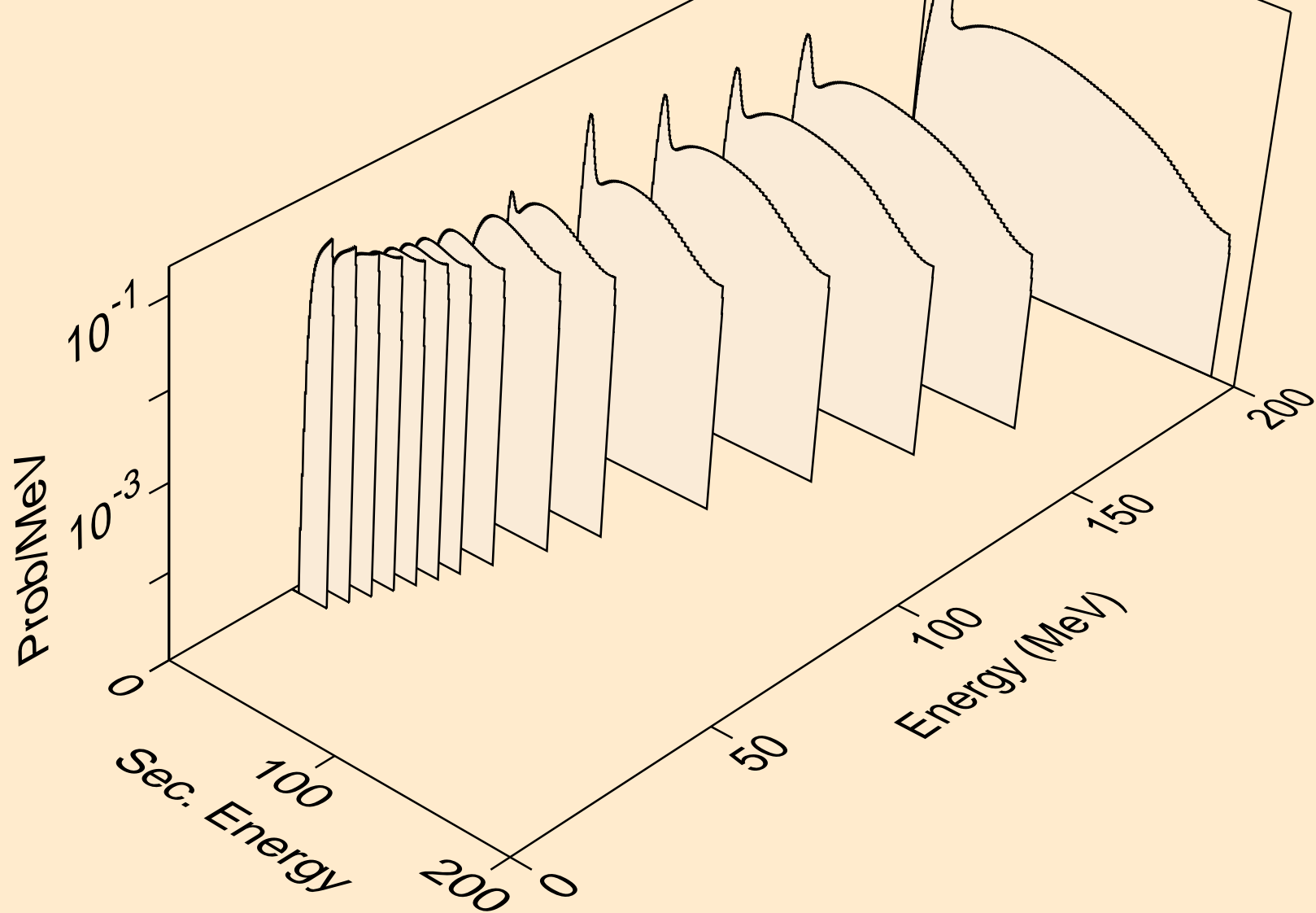
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,3np)



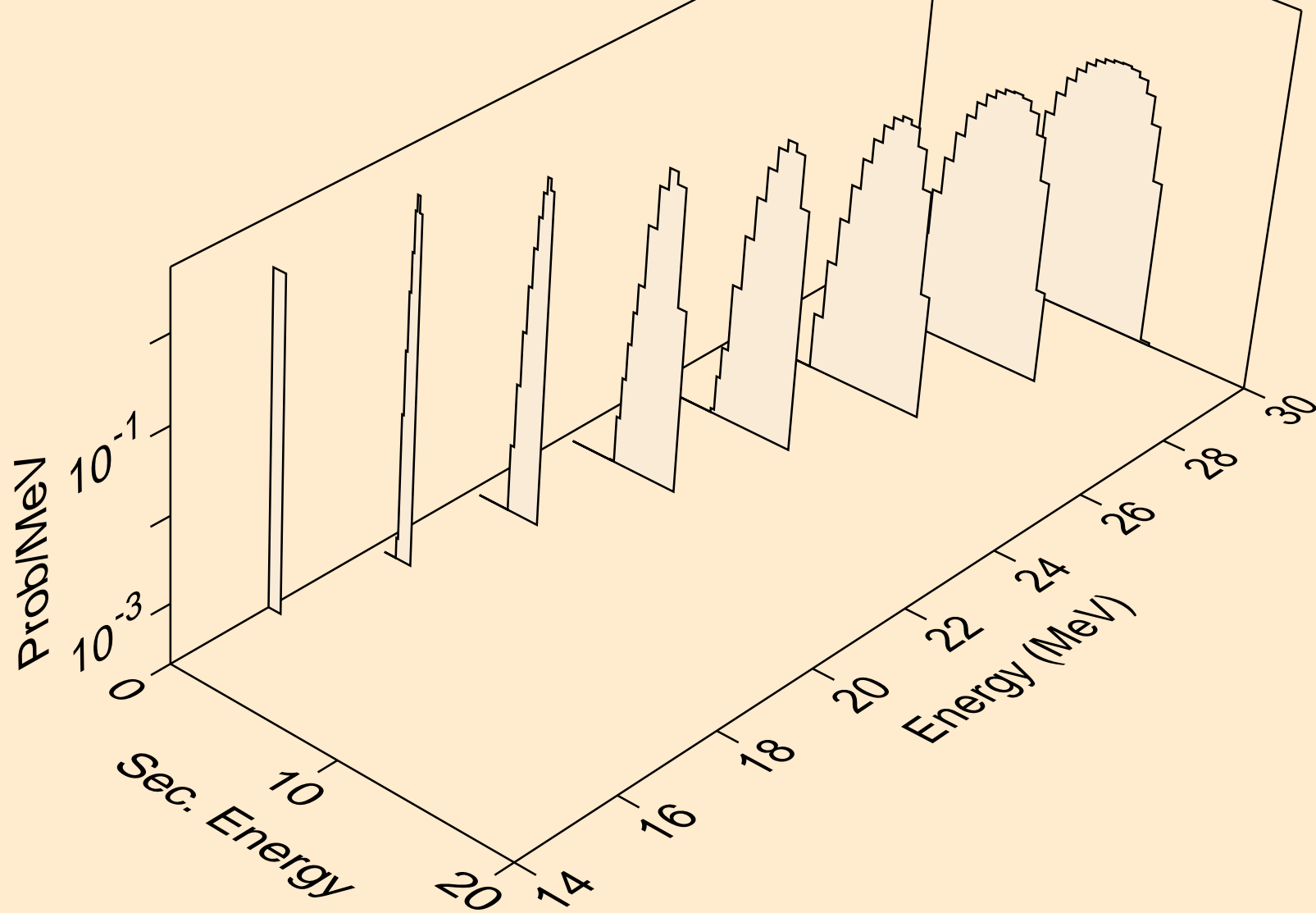
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,p)



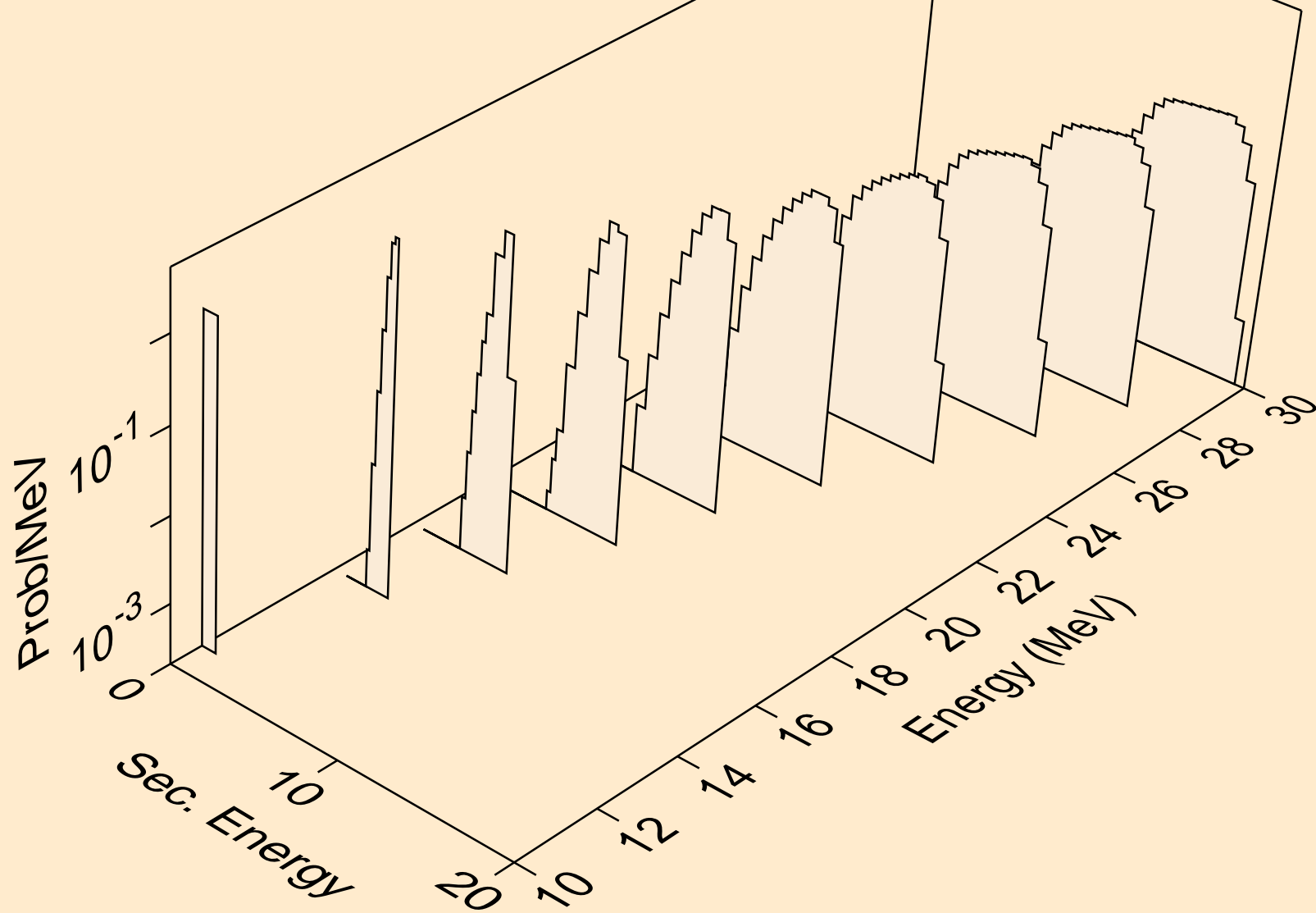
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,x)



CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,2nd)



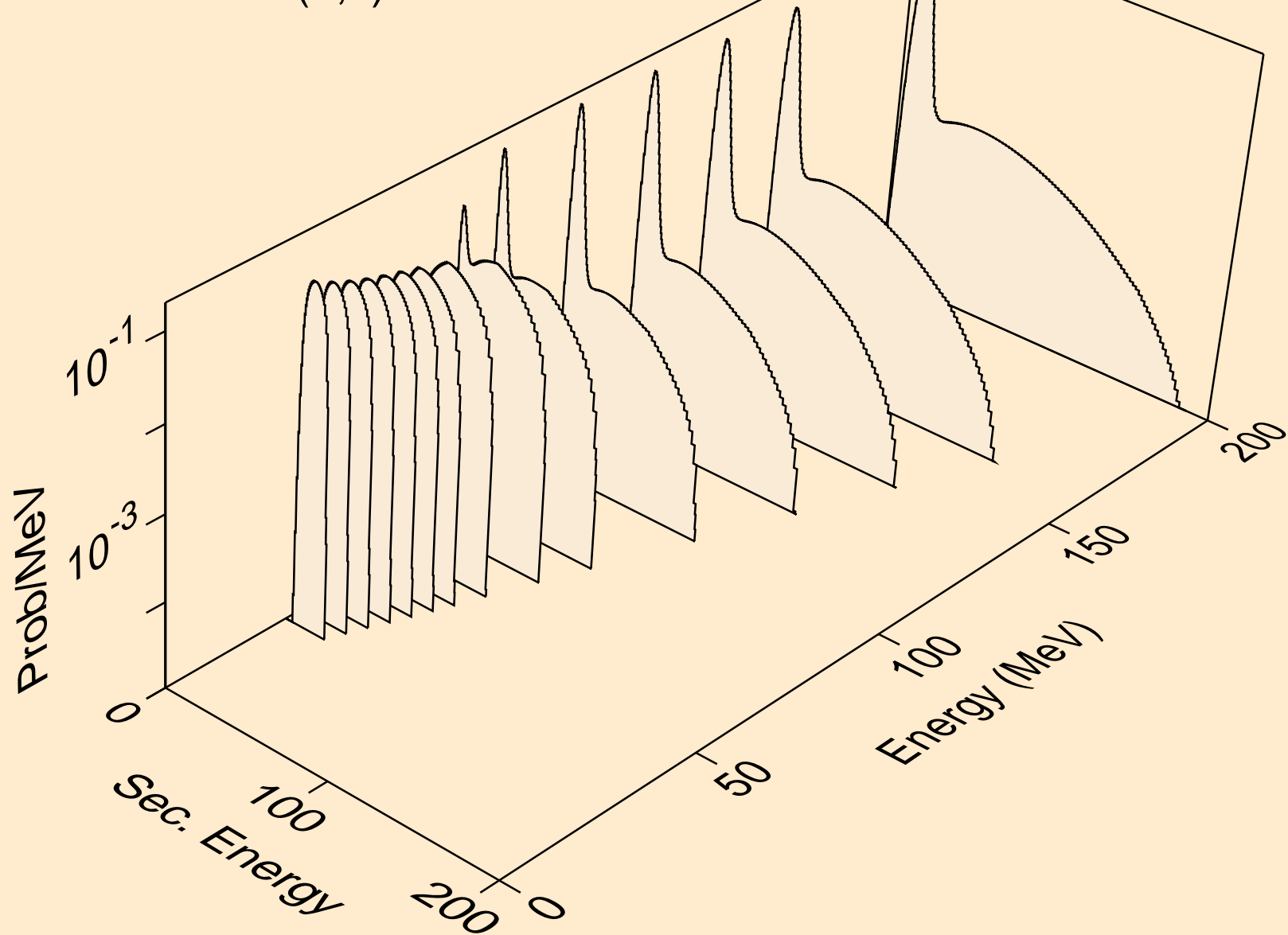
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,n\*)d



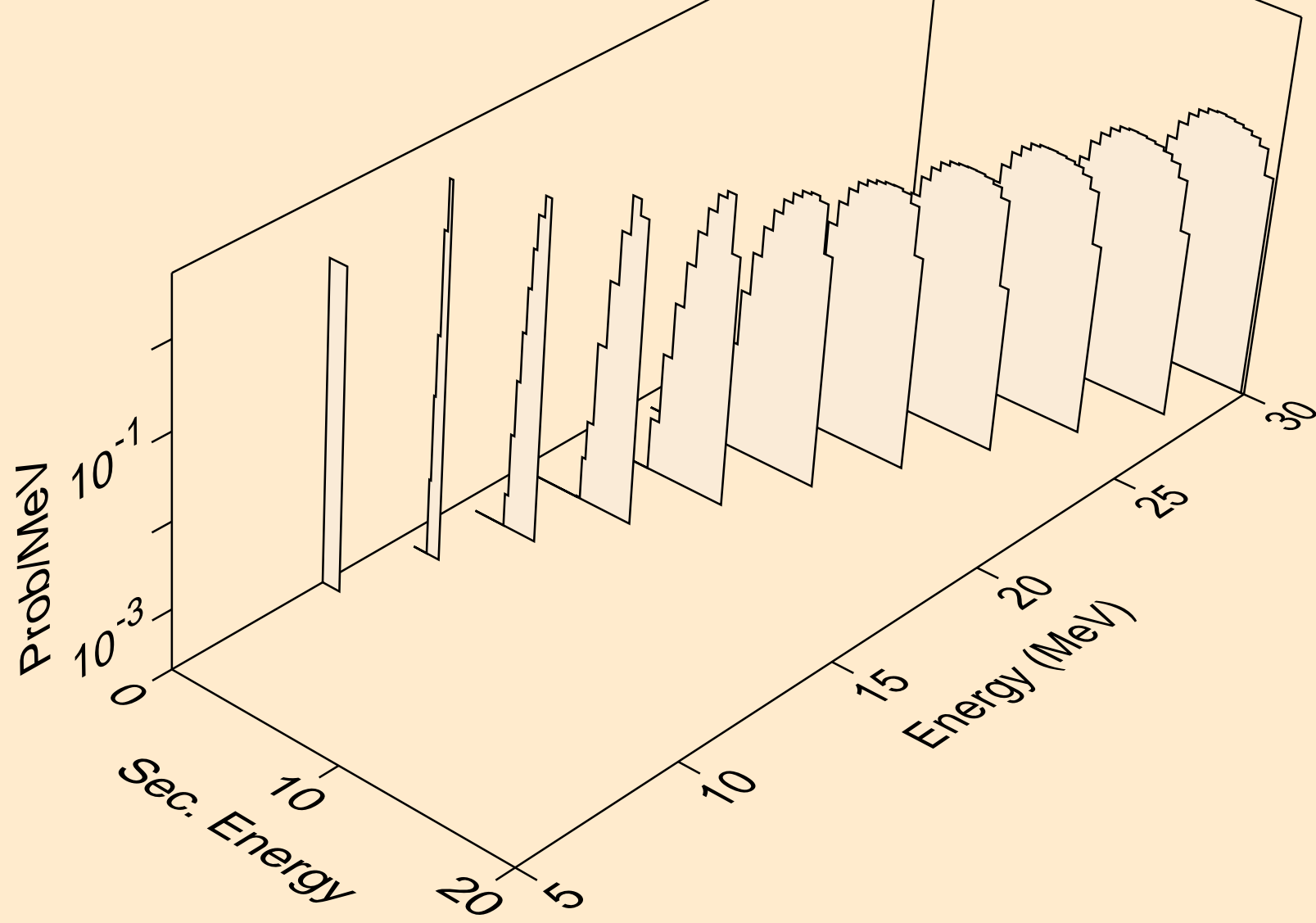




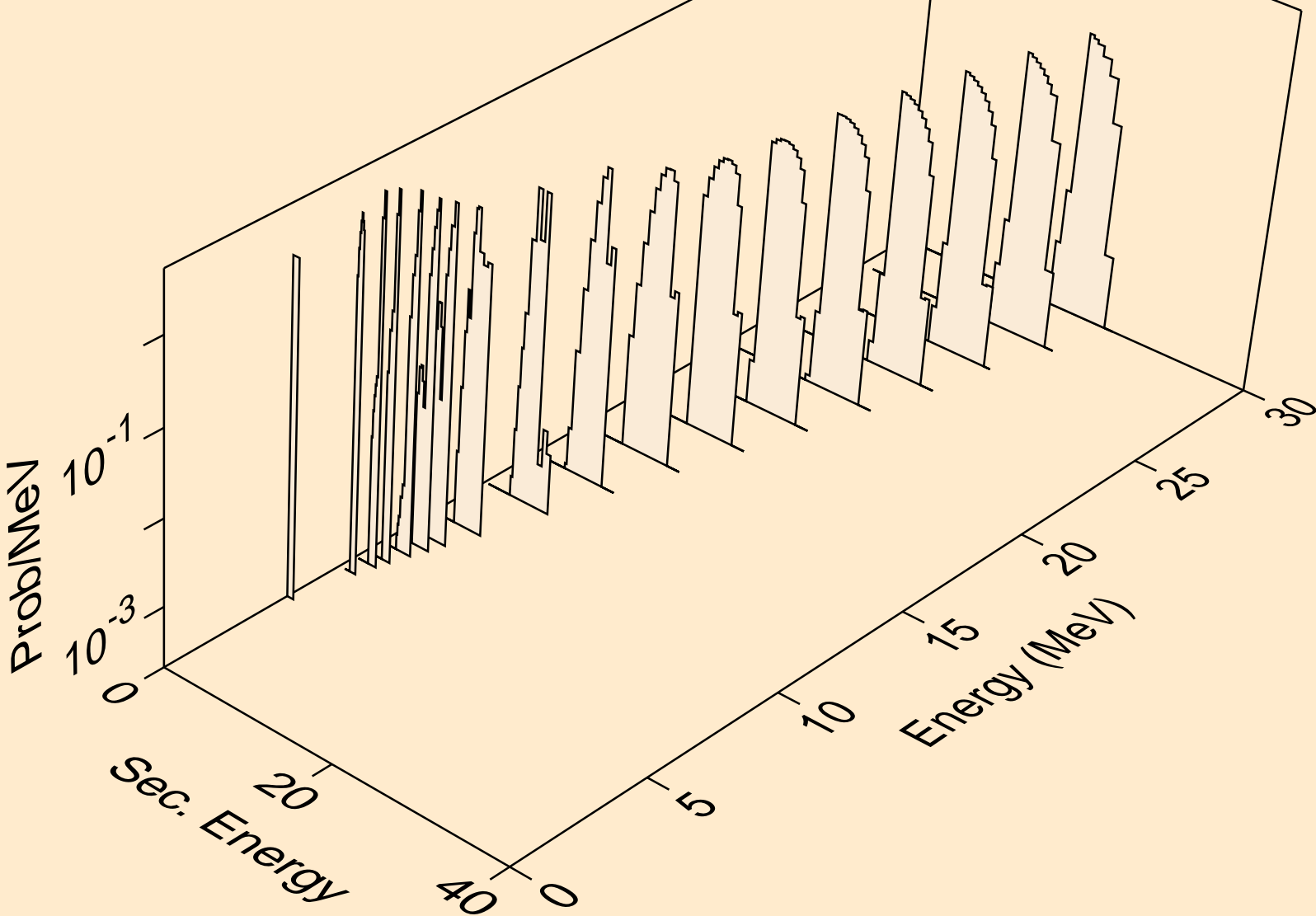
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,x)



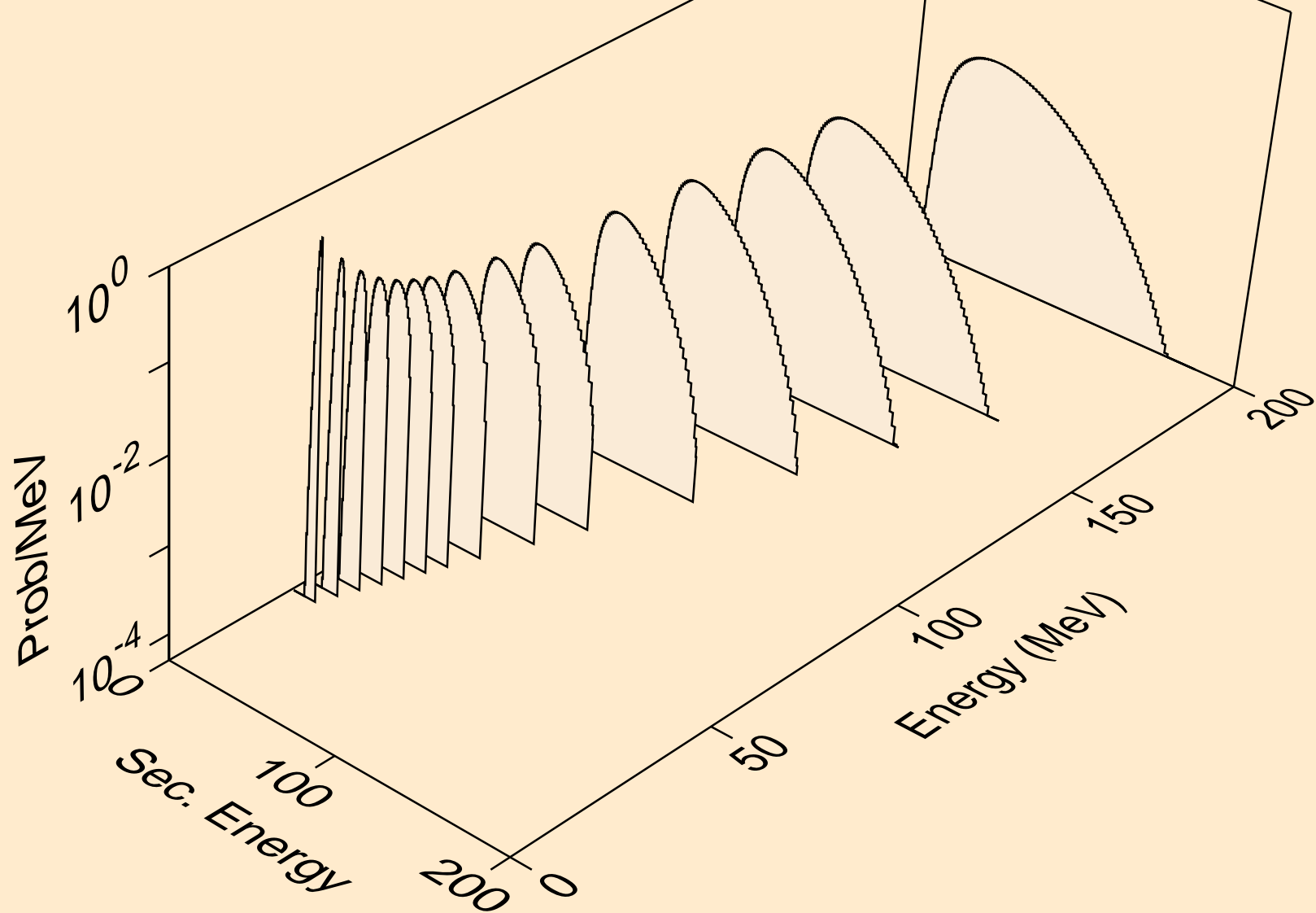
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,n\*)t



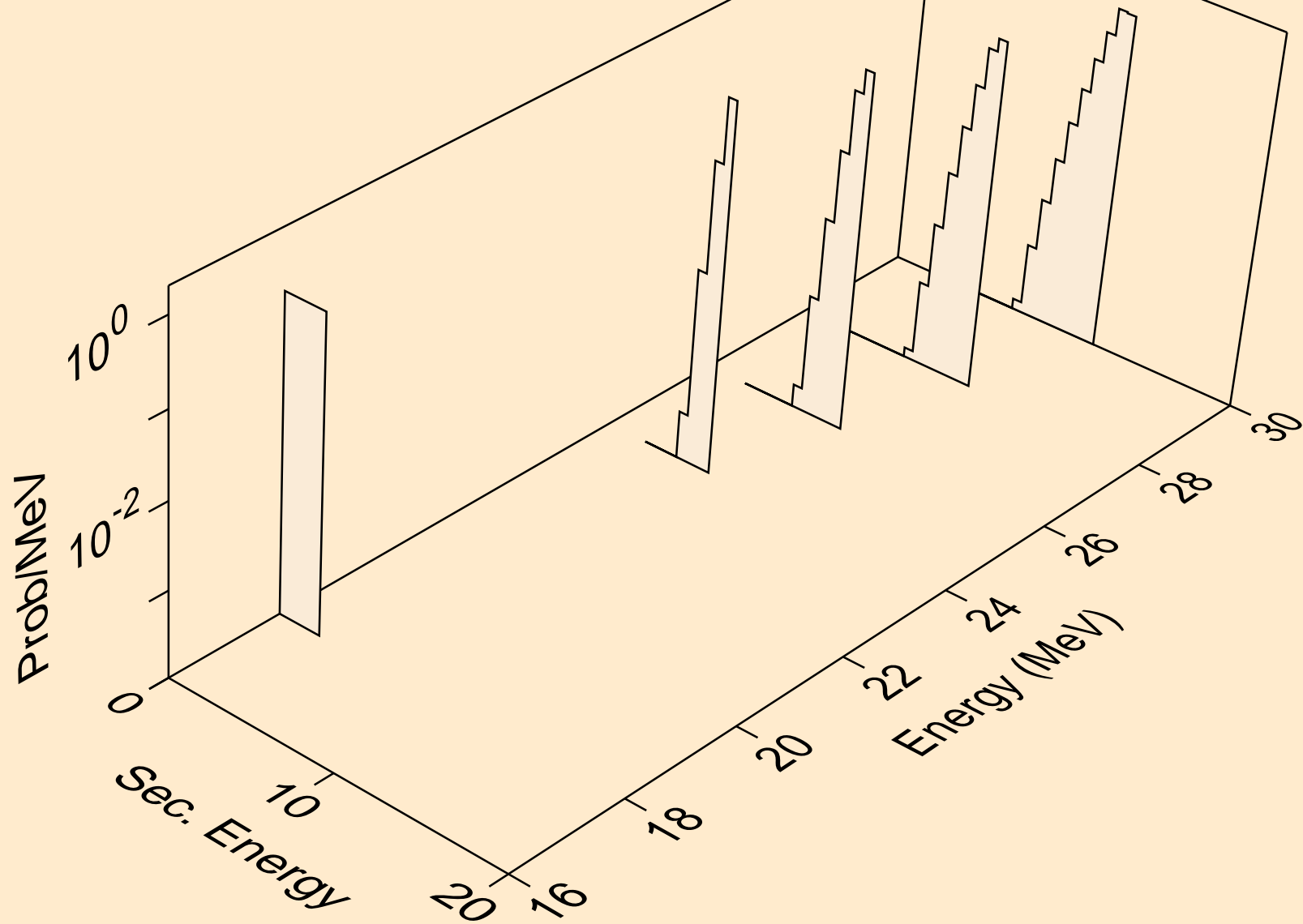
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,t)



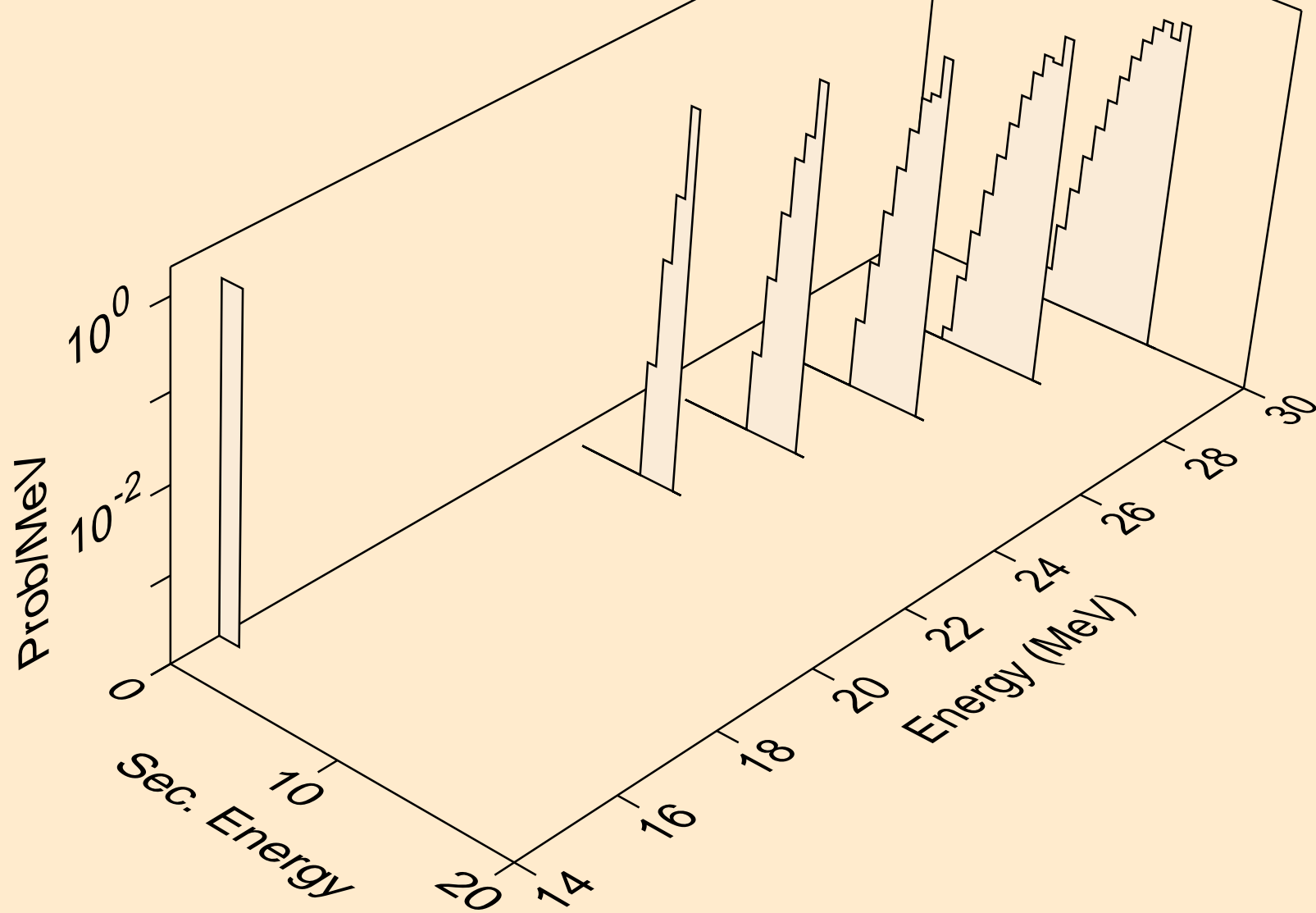
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,x)



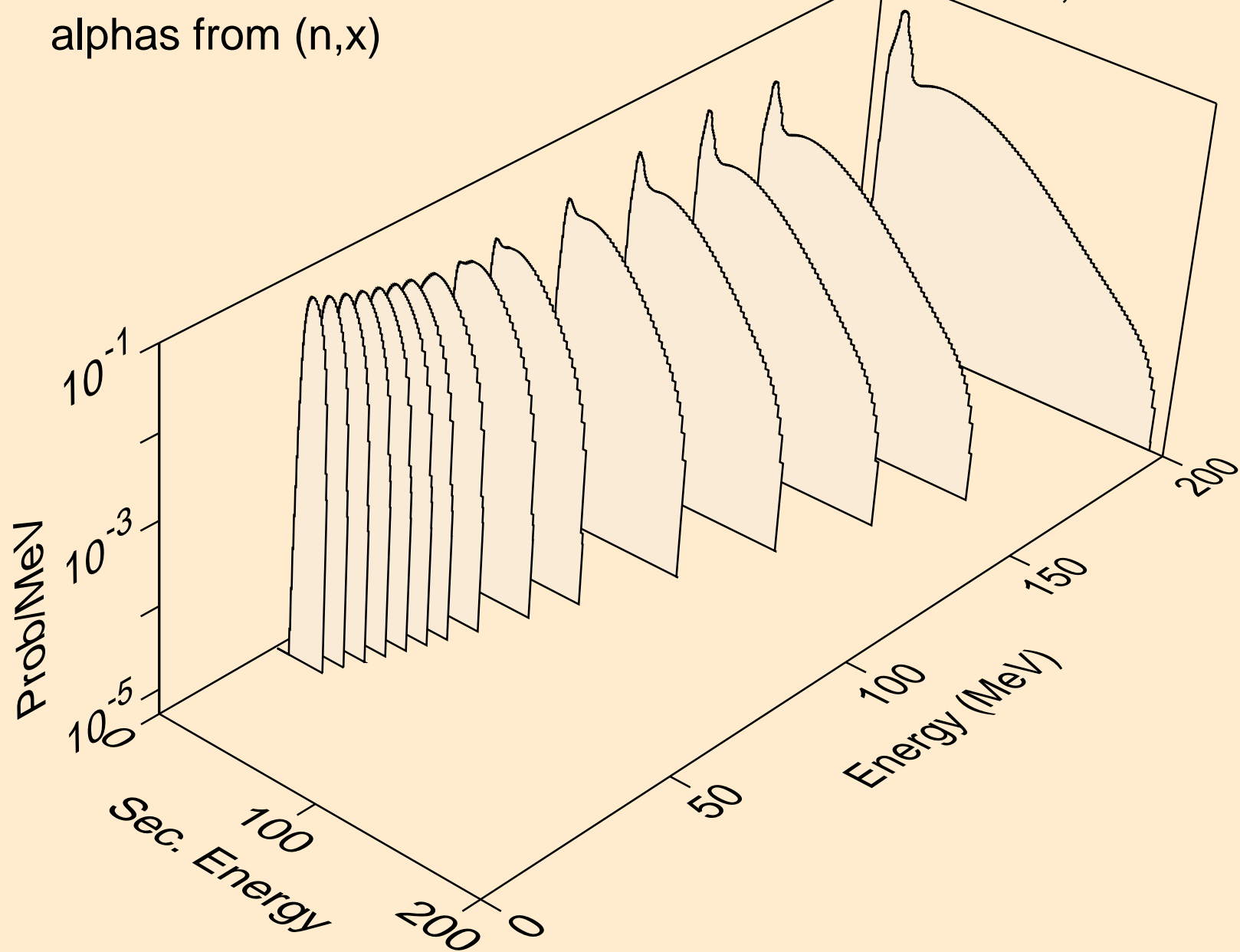
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,n\*)he3



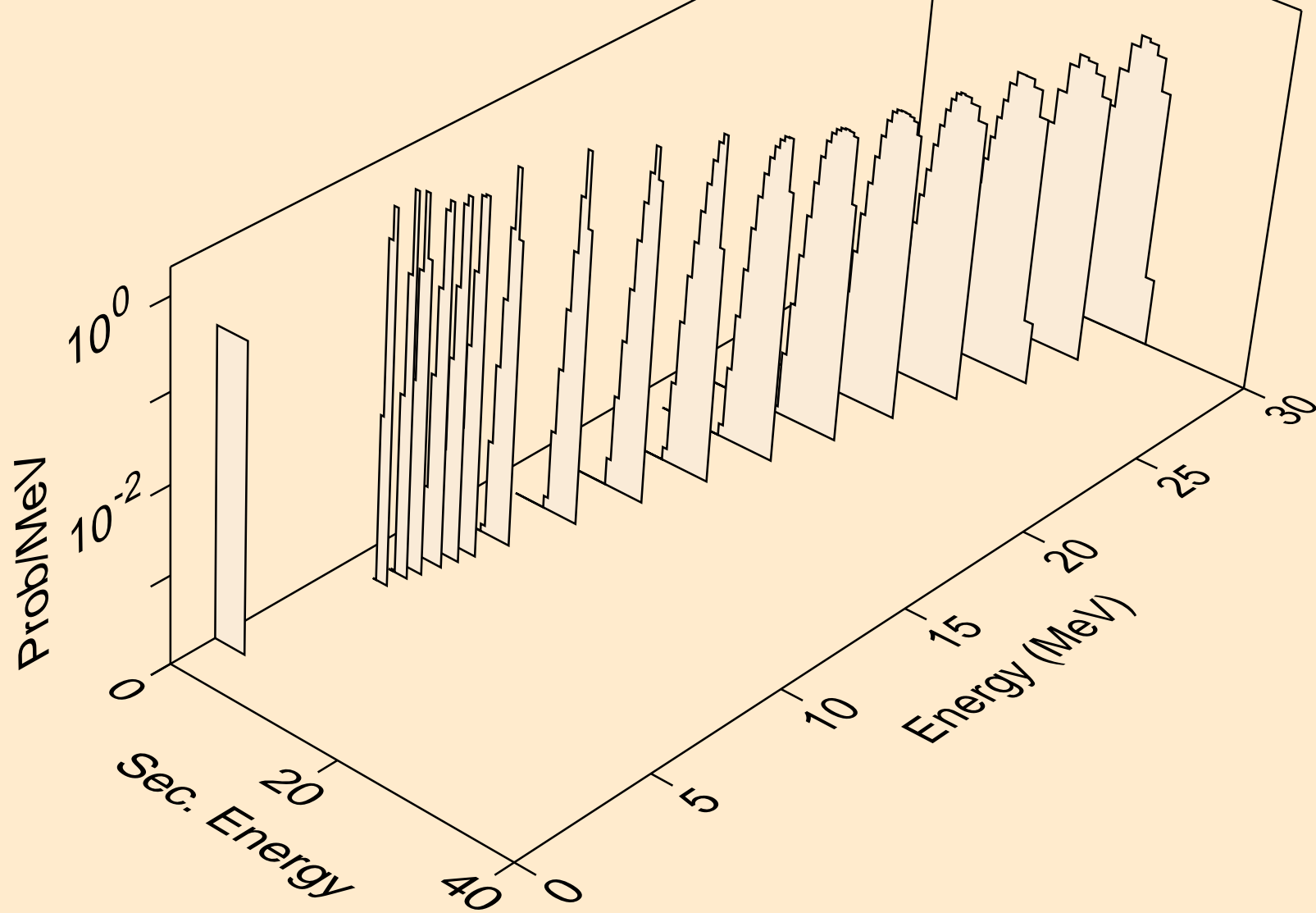
CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,he3)



CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,x)

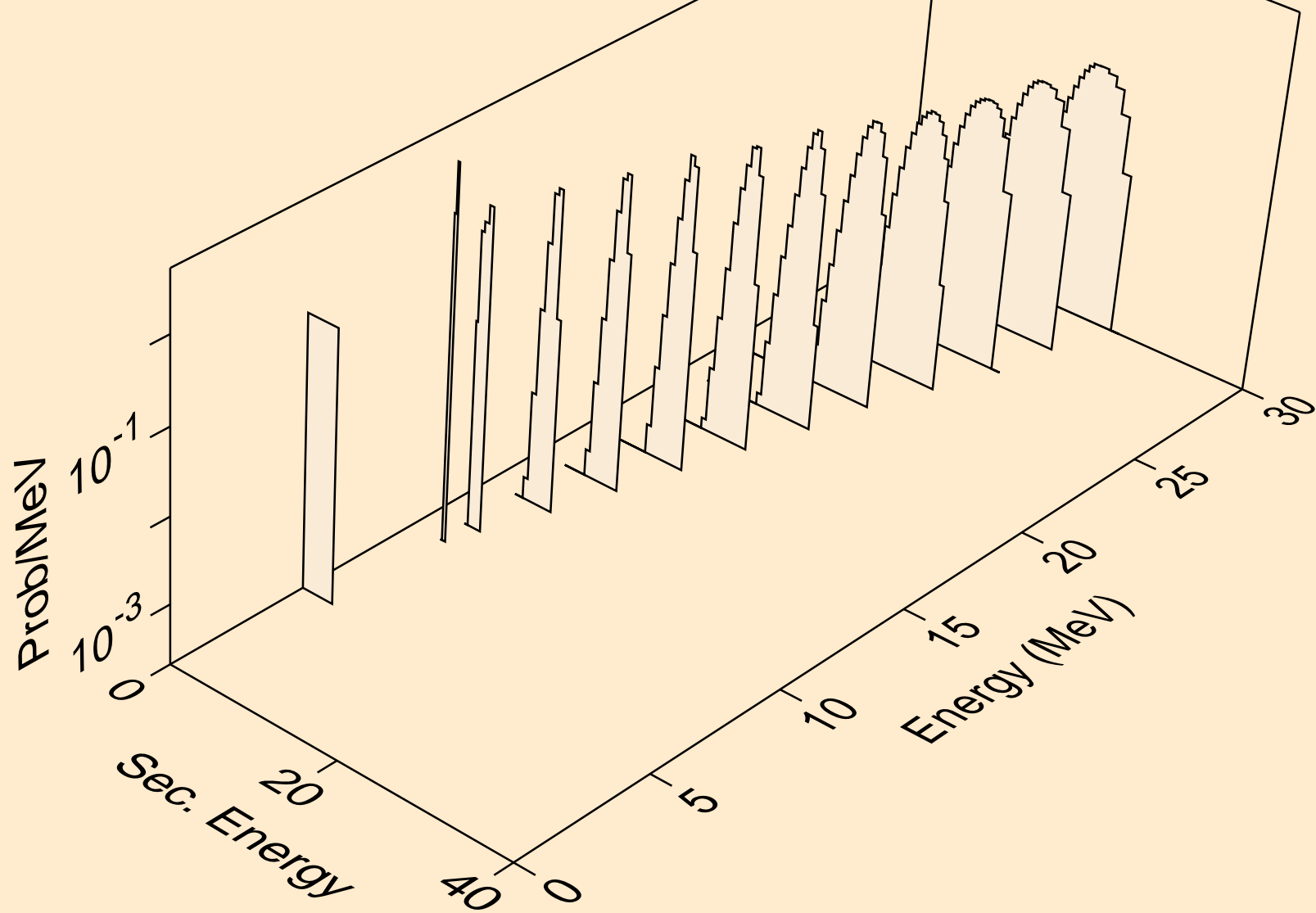


CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)a

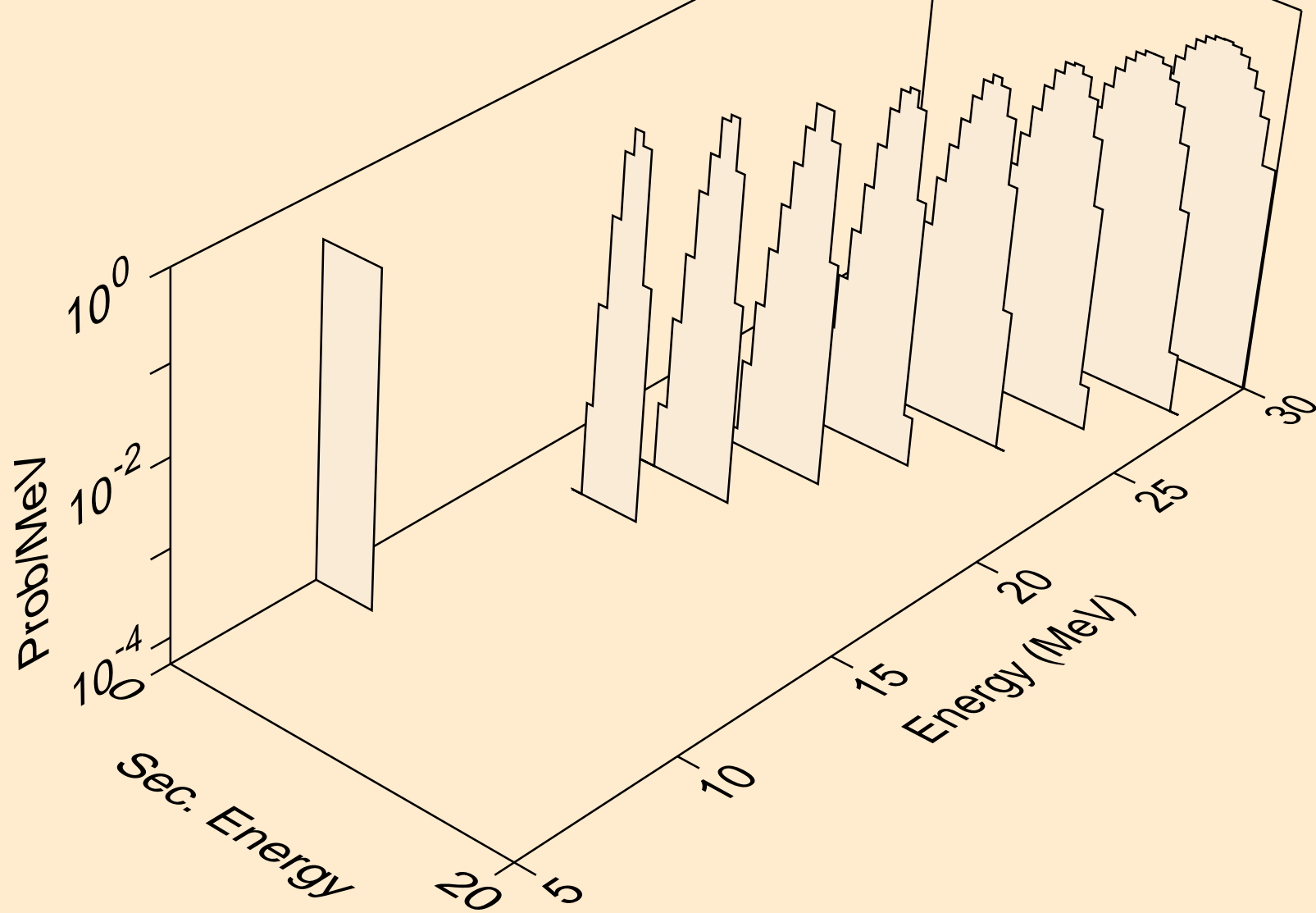




CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)a



CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3n)a



CS144M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)

