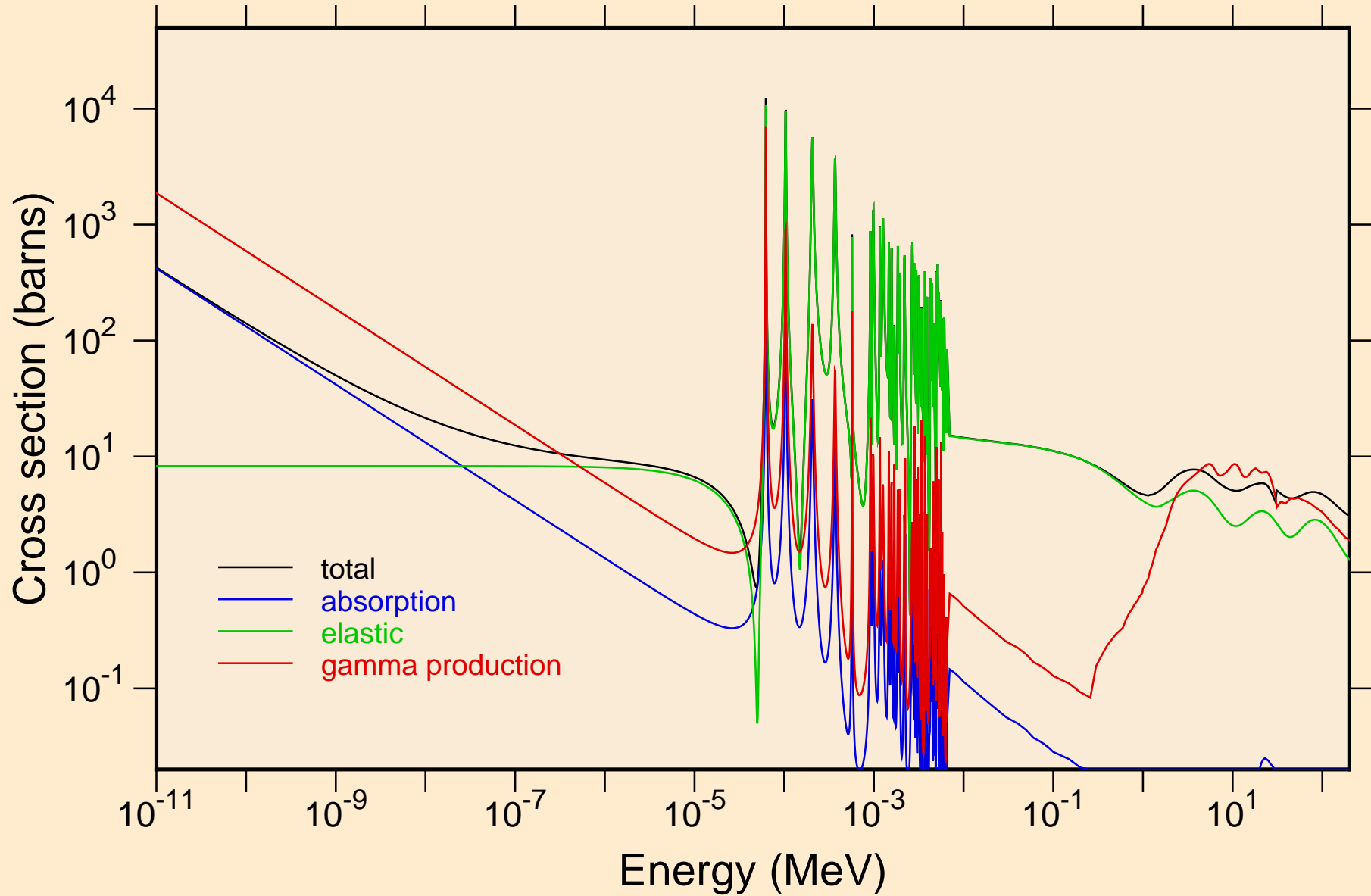
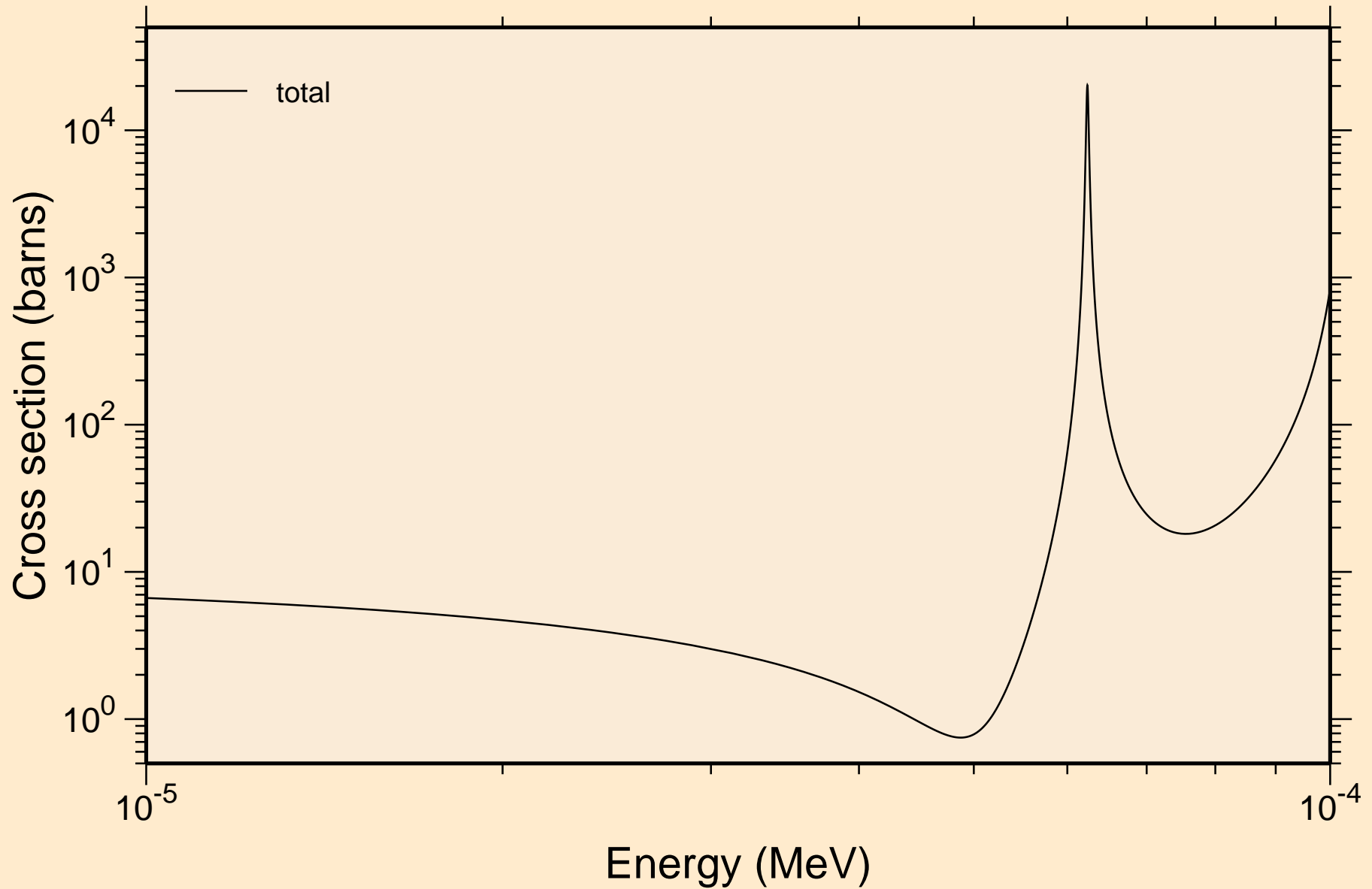


# BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

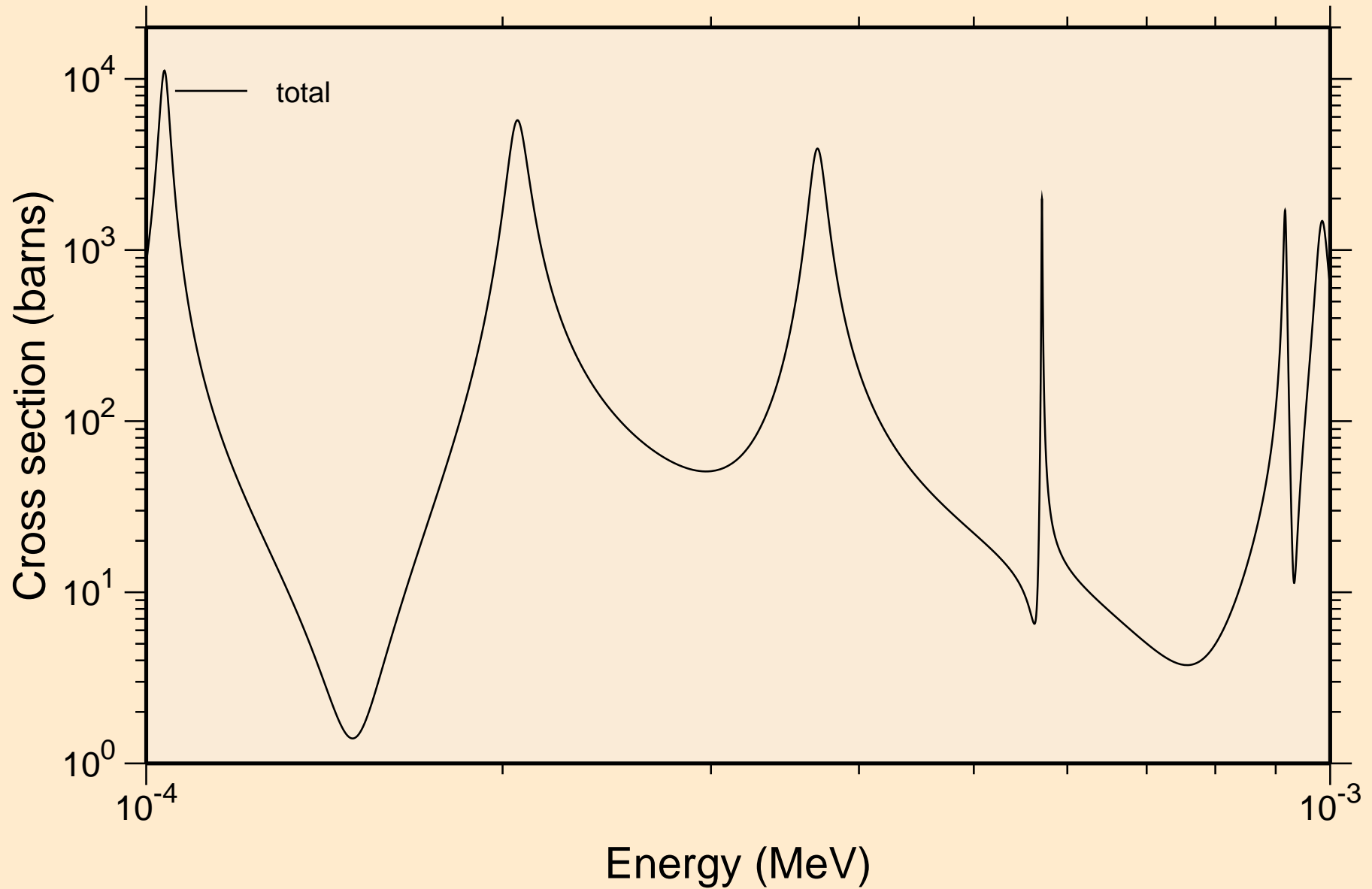
## Principal cross sections



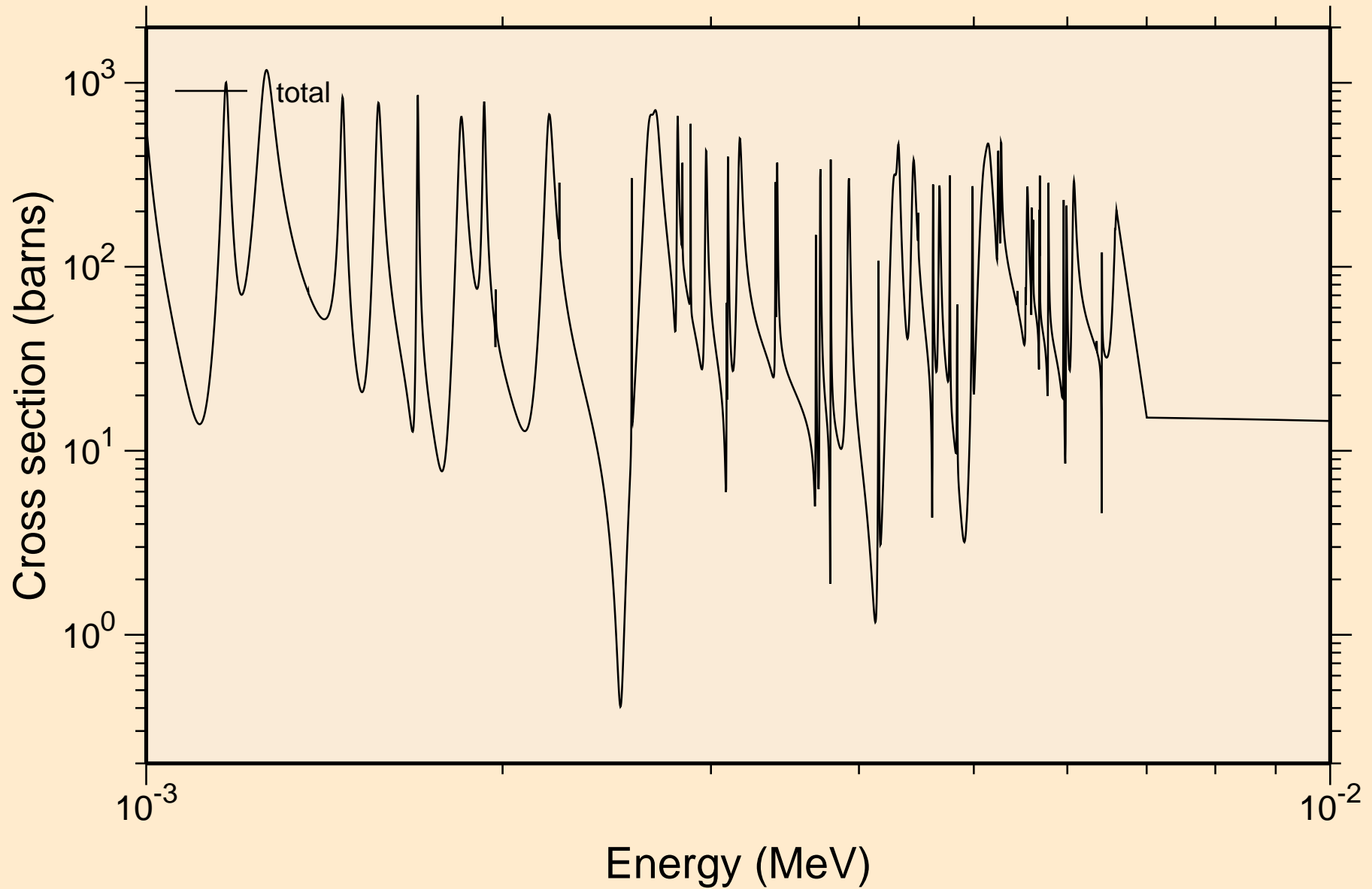
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



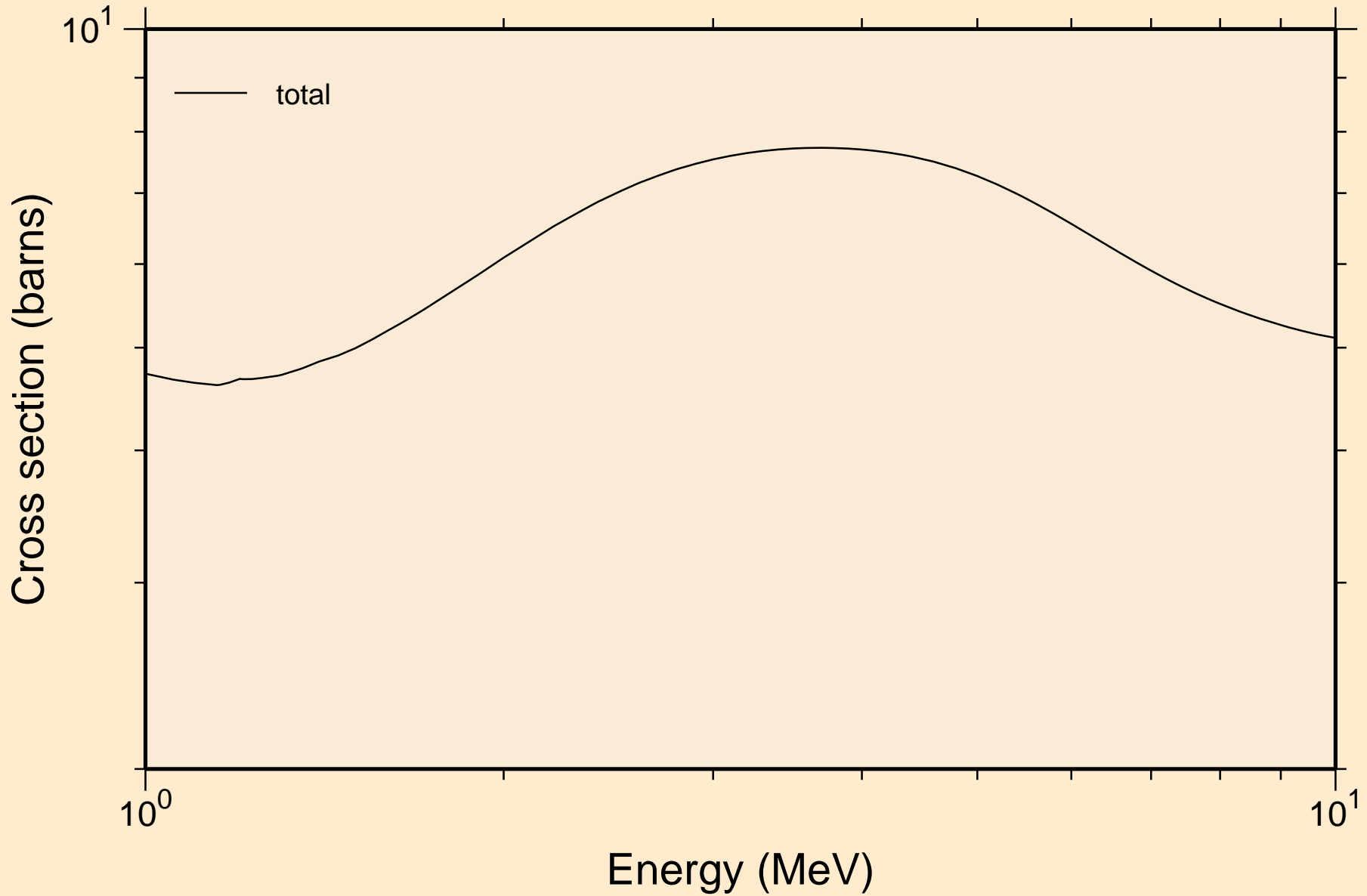
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



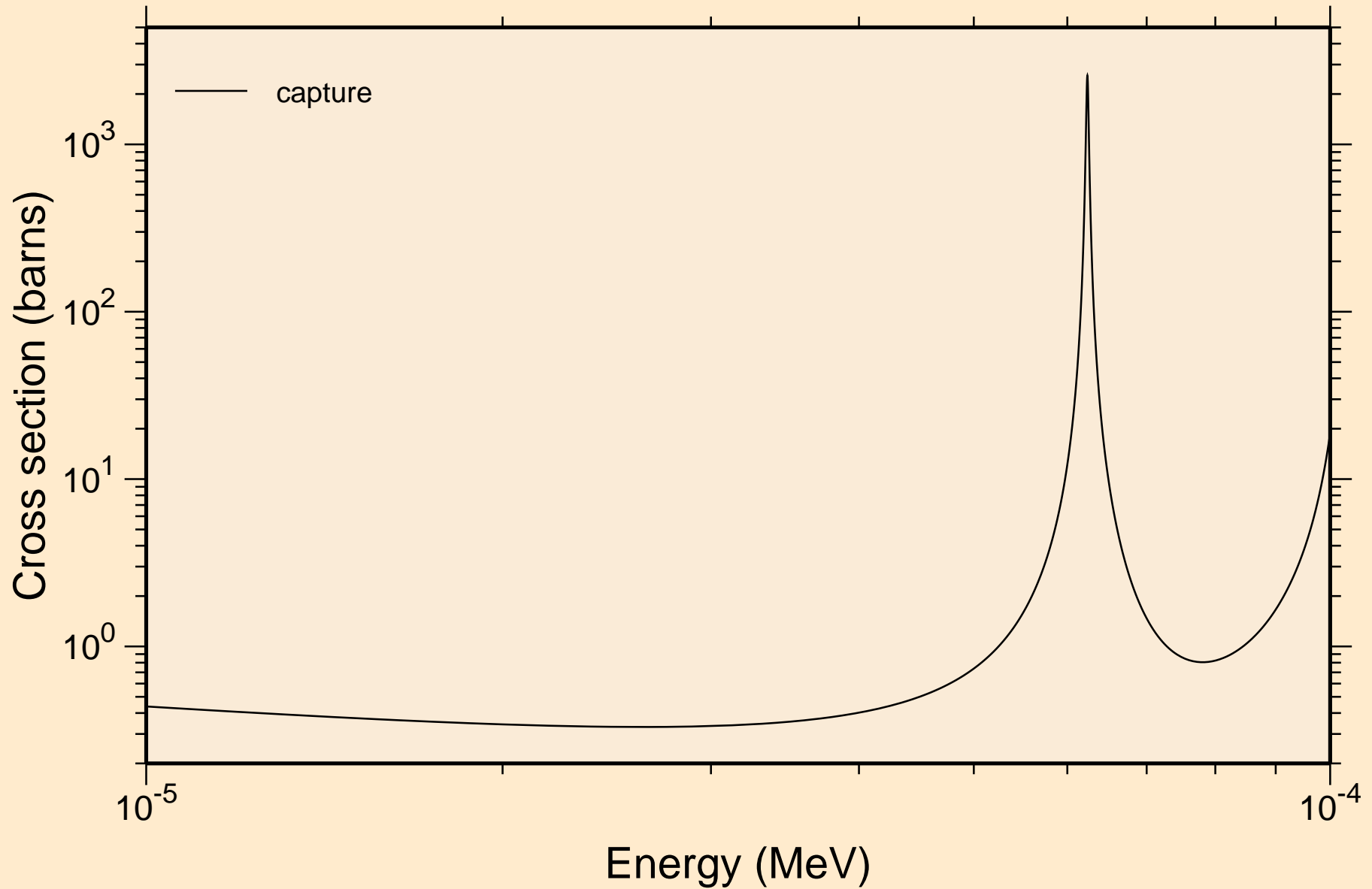
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



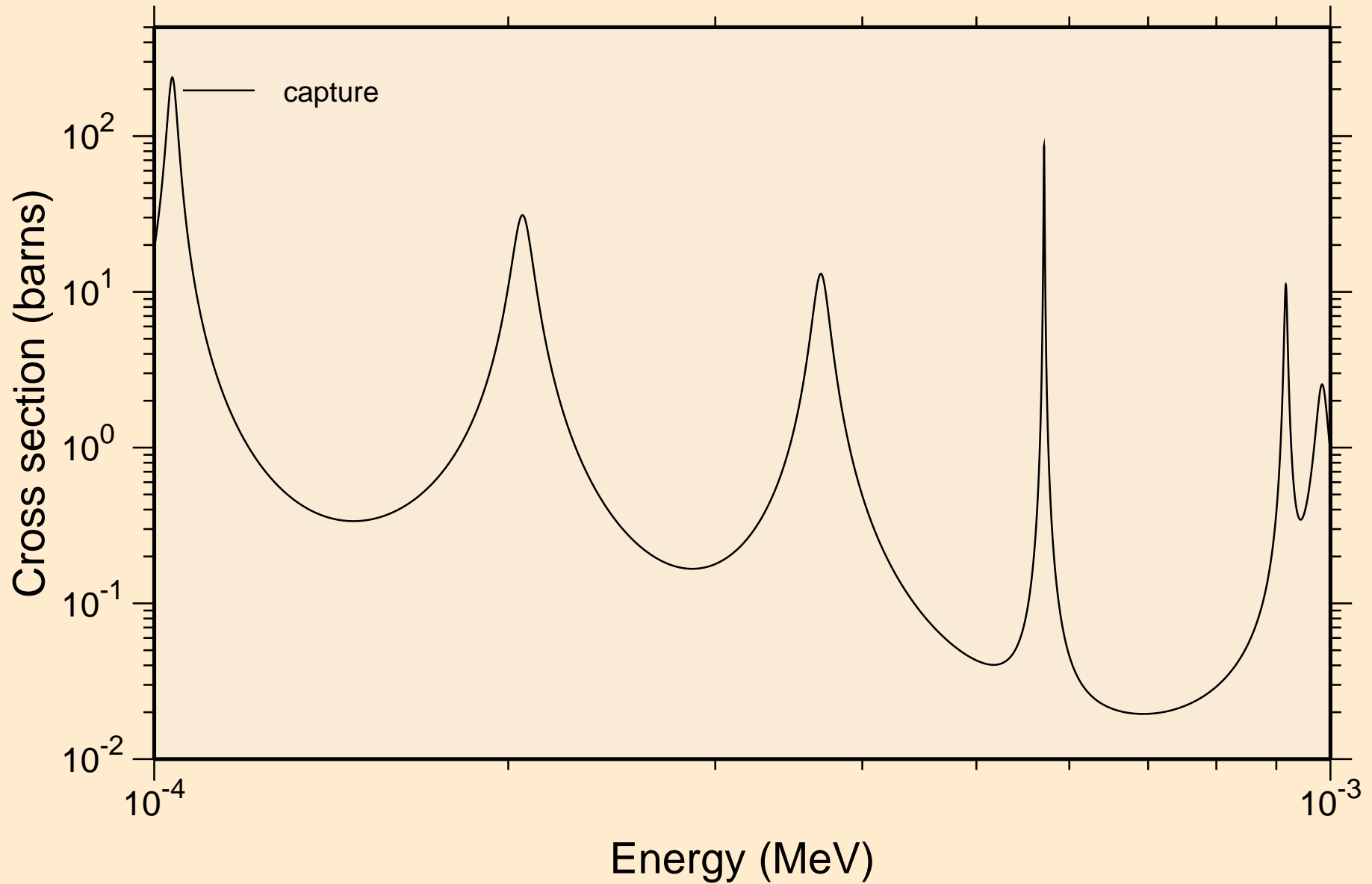
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



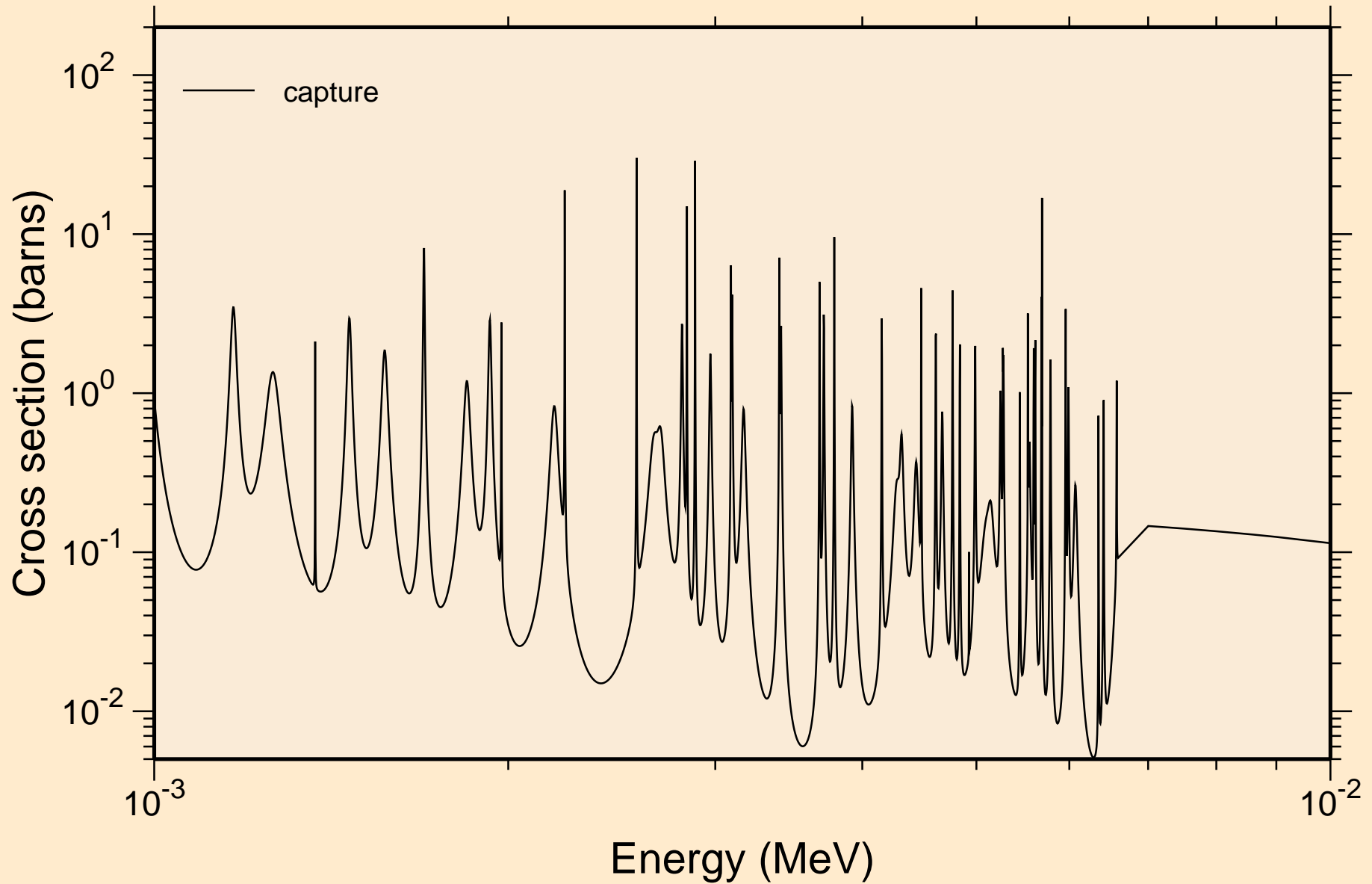
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

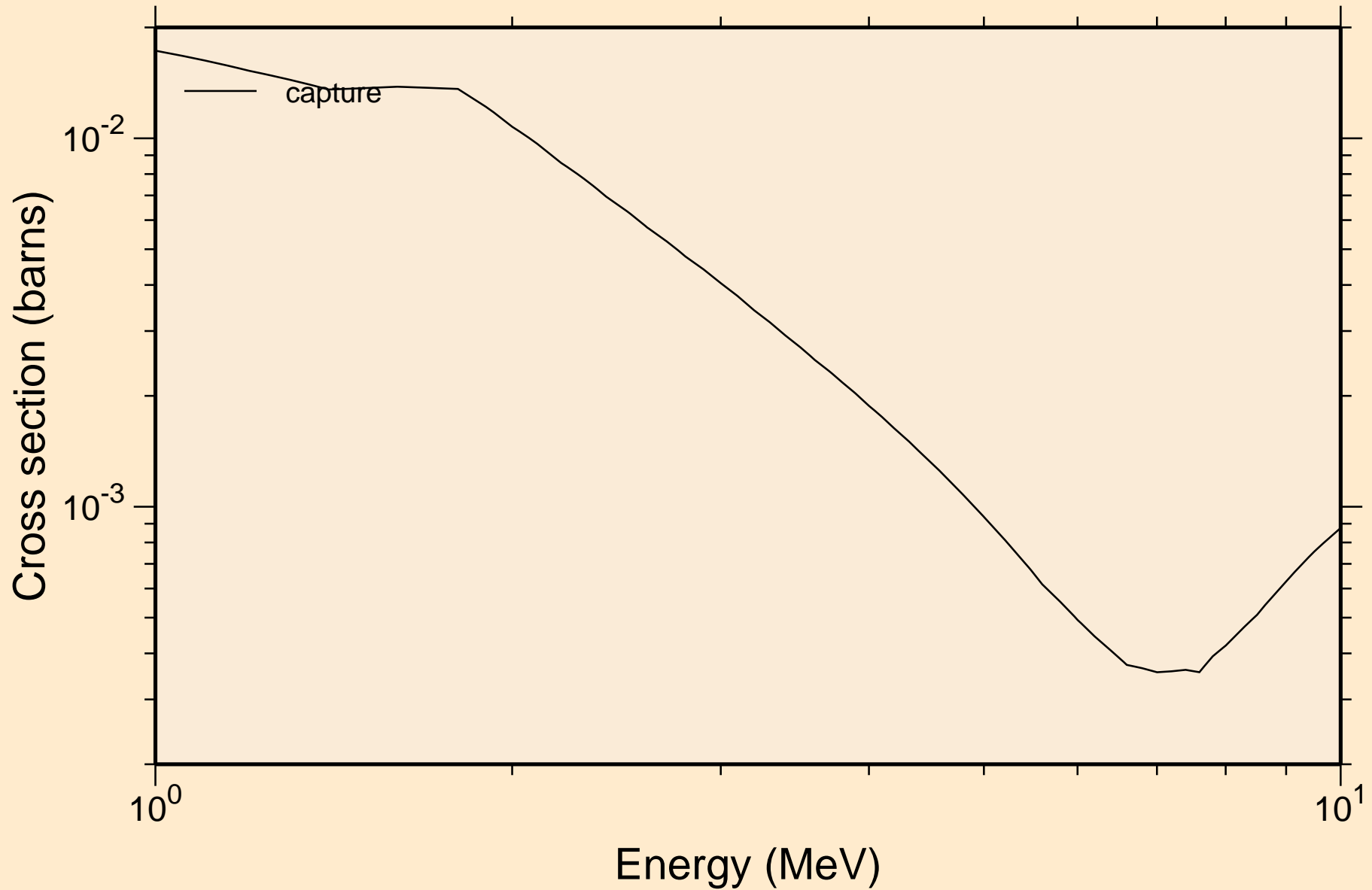


BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



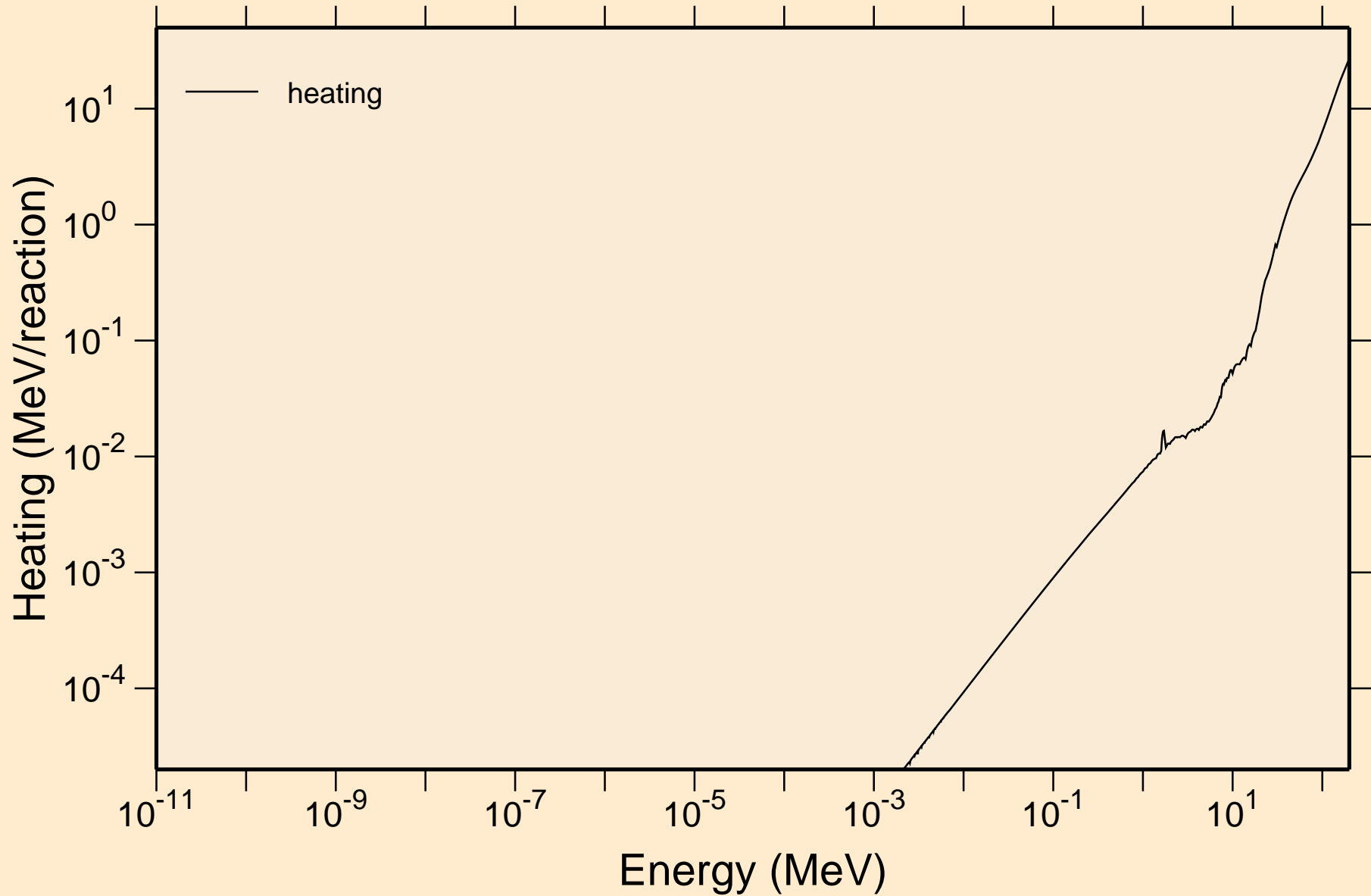


BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

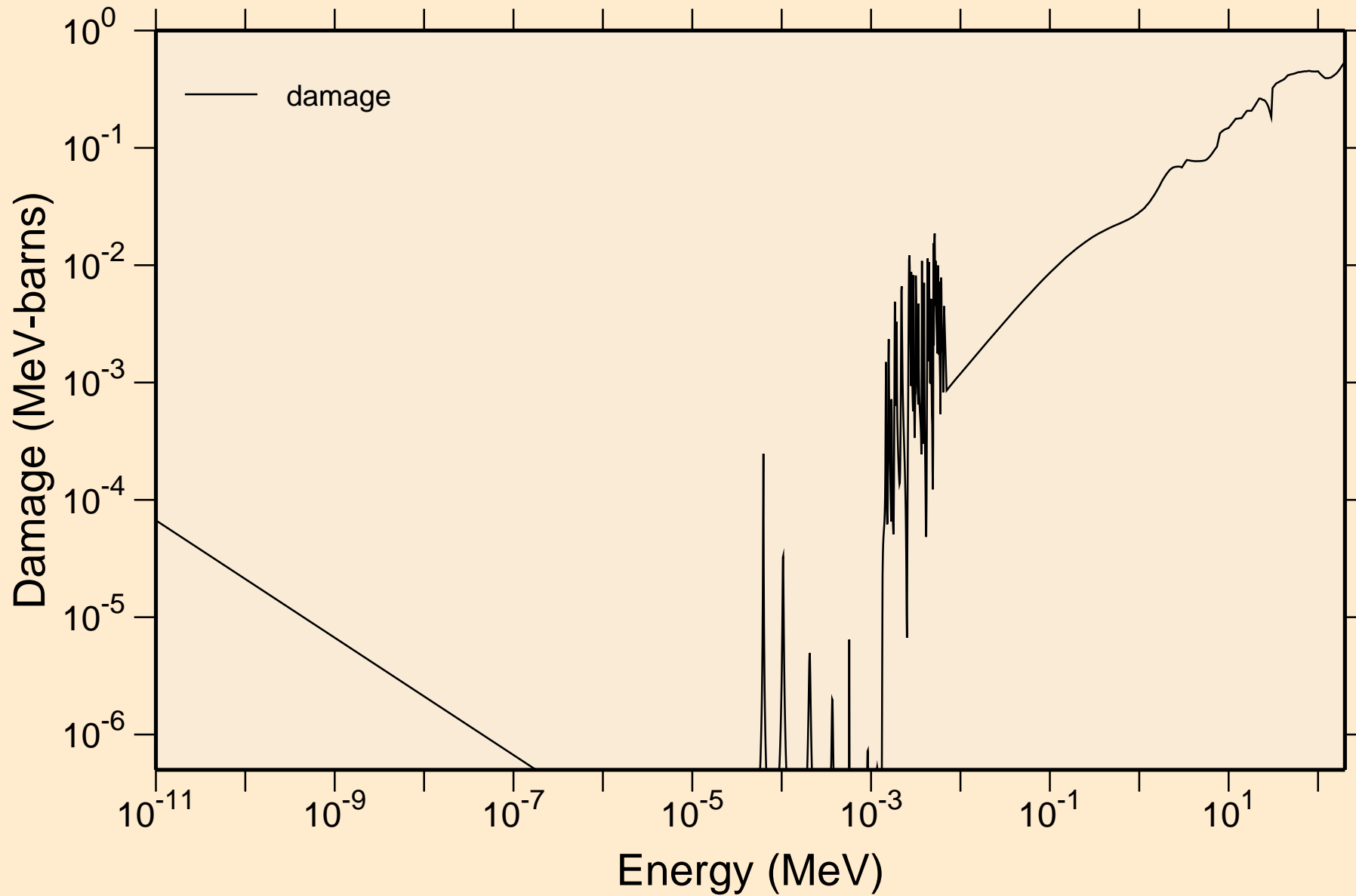


# BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

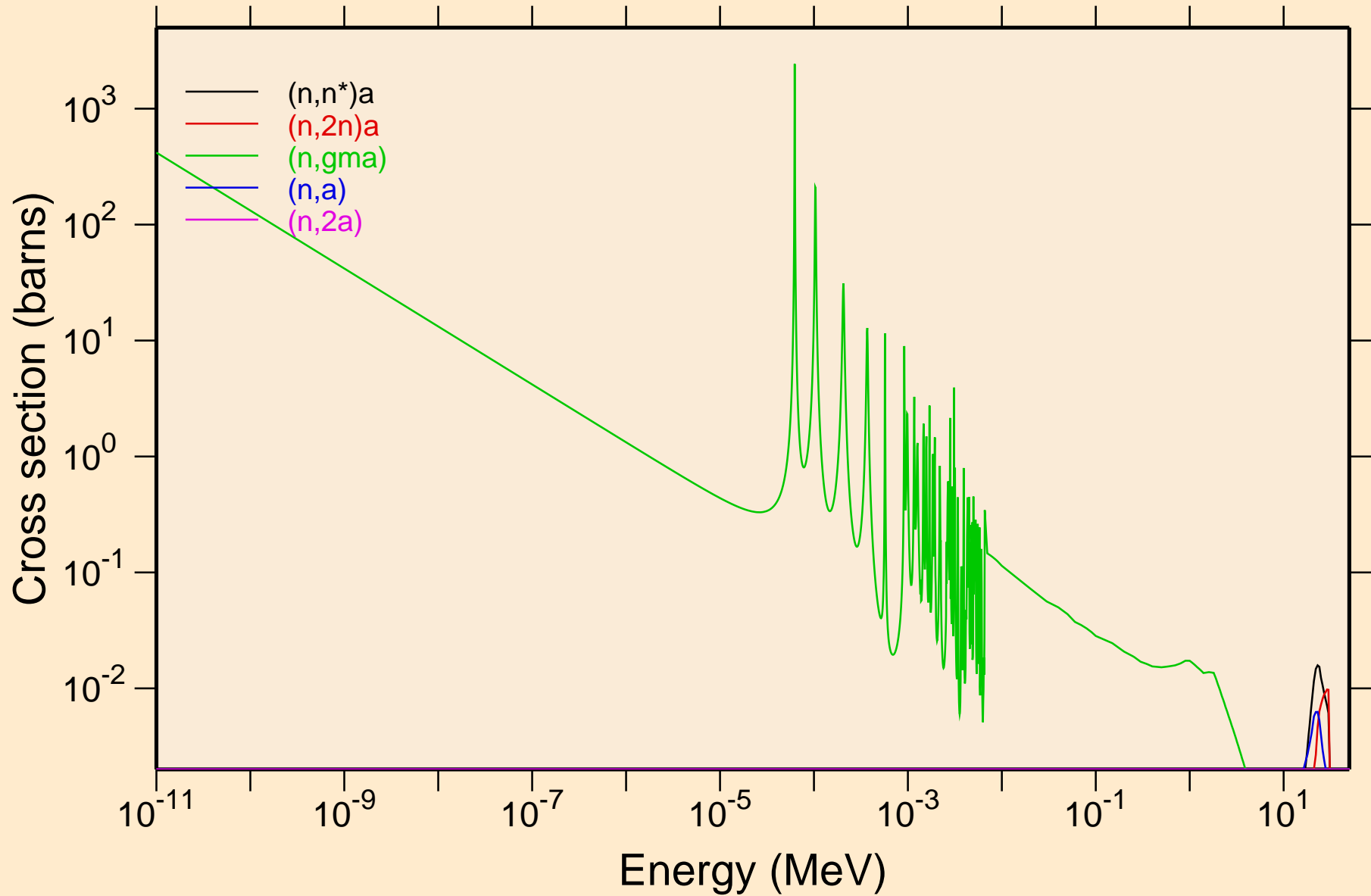
## Heating



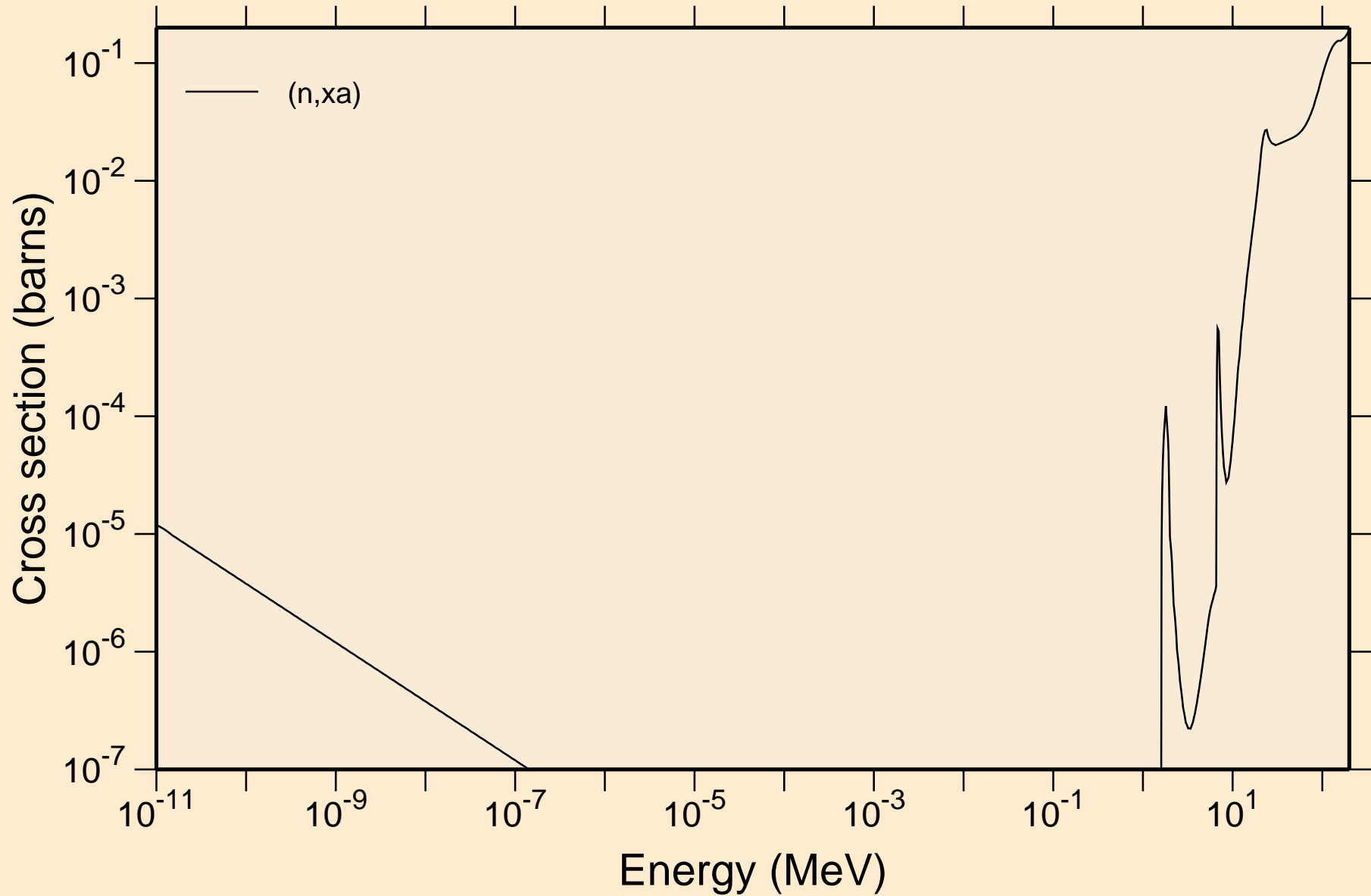
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage



BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

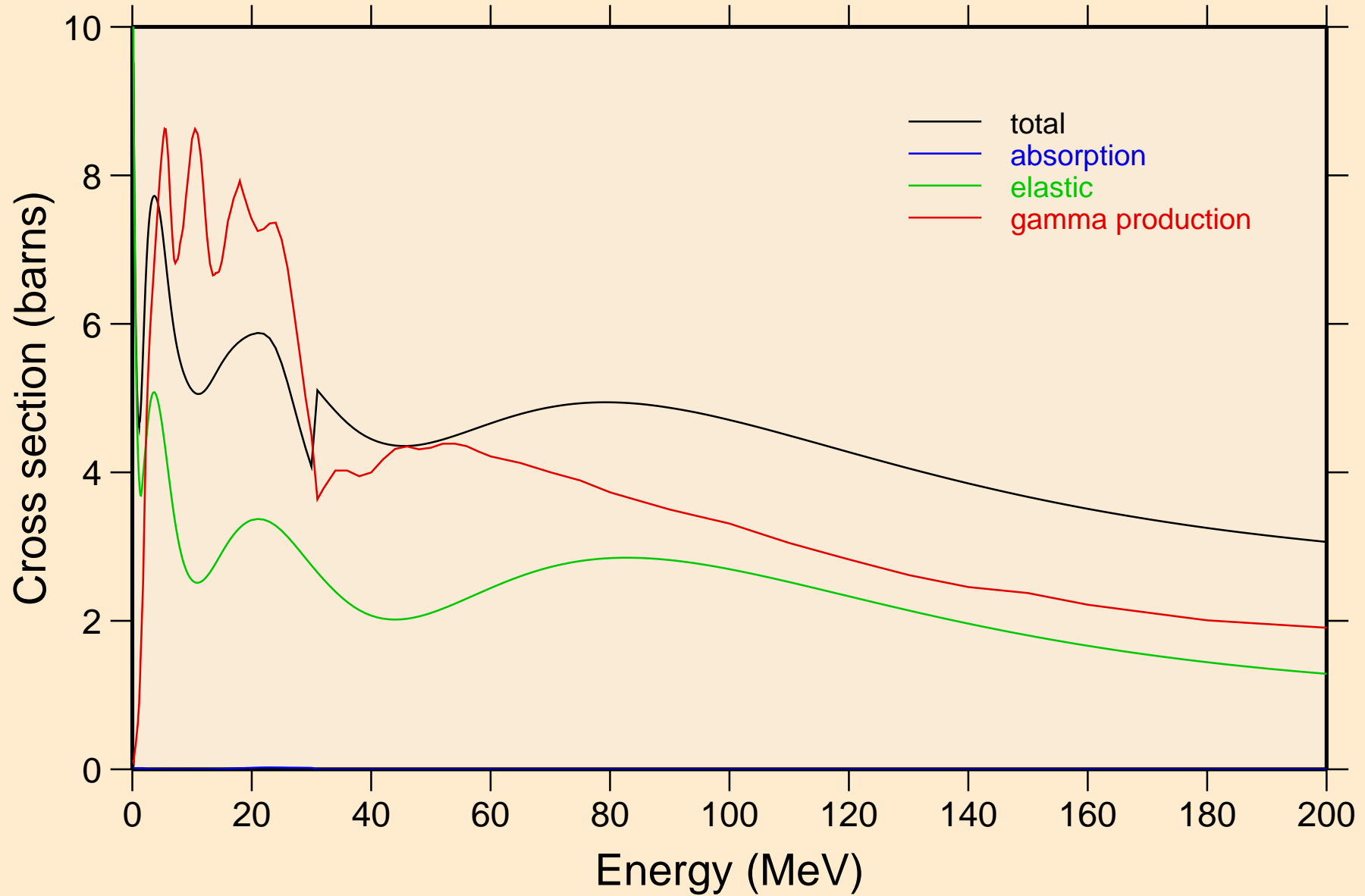


BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



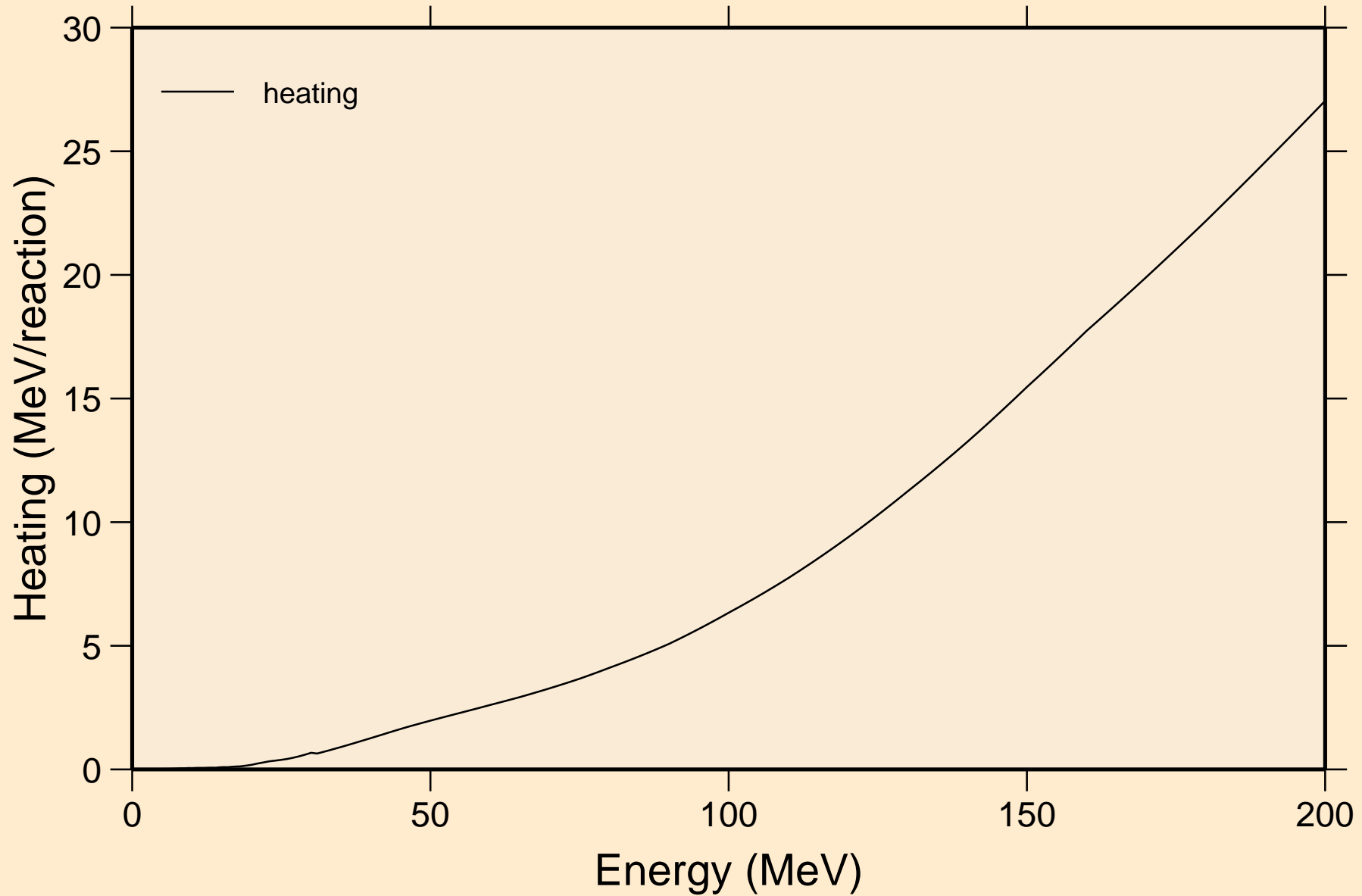
# BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

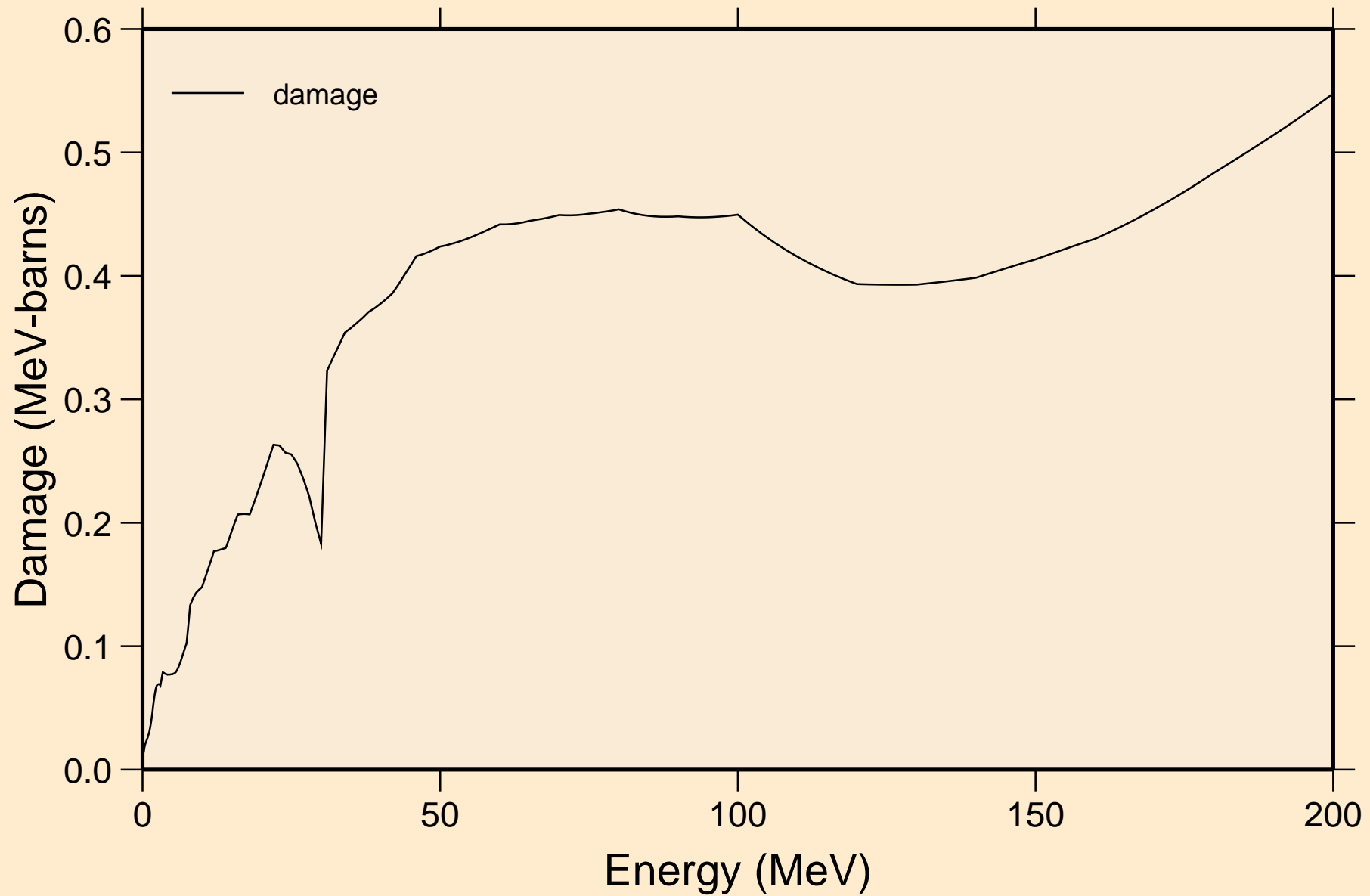


# BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



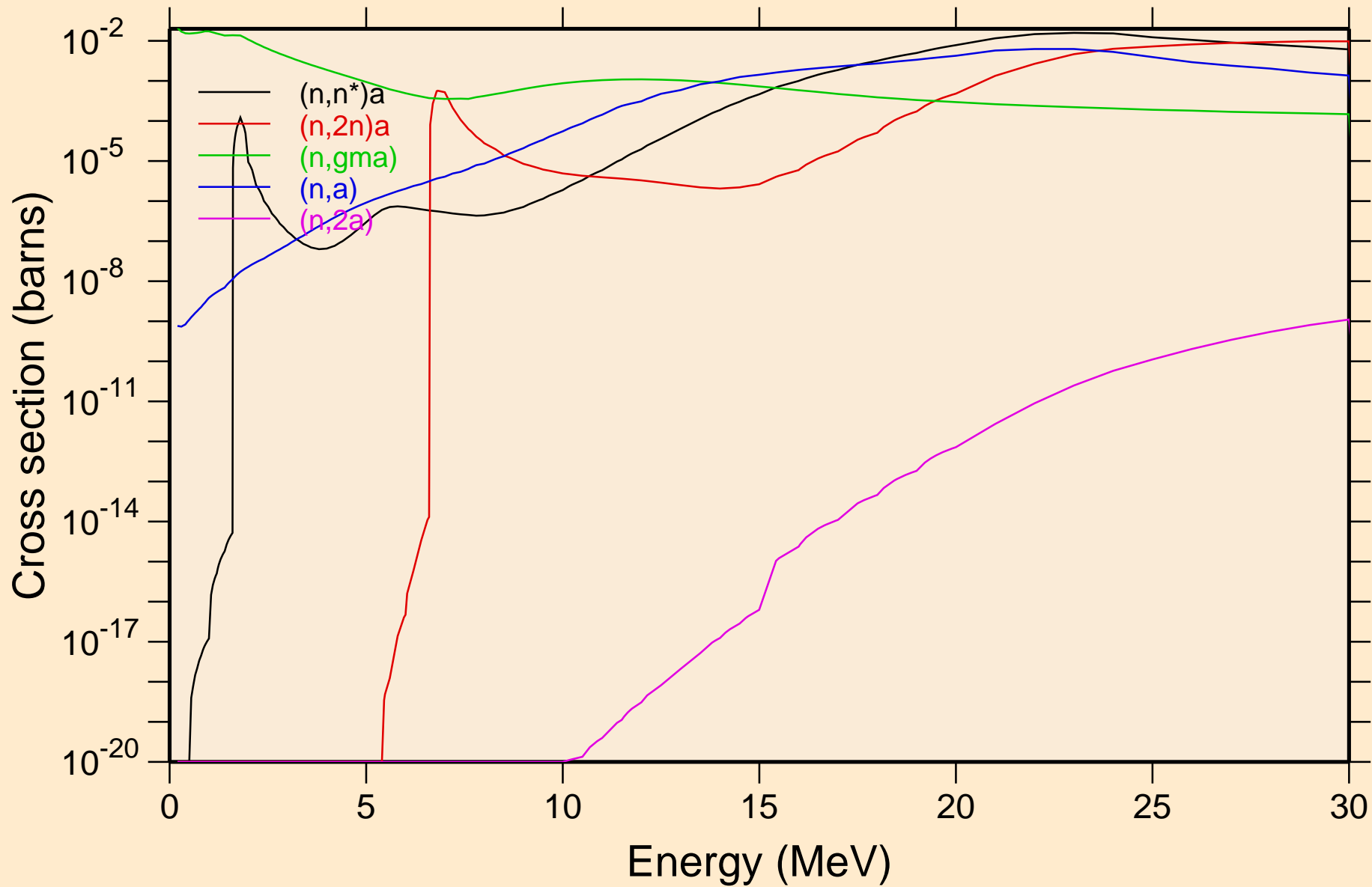
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage



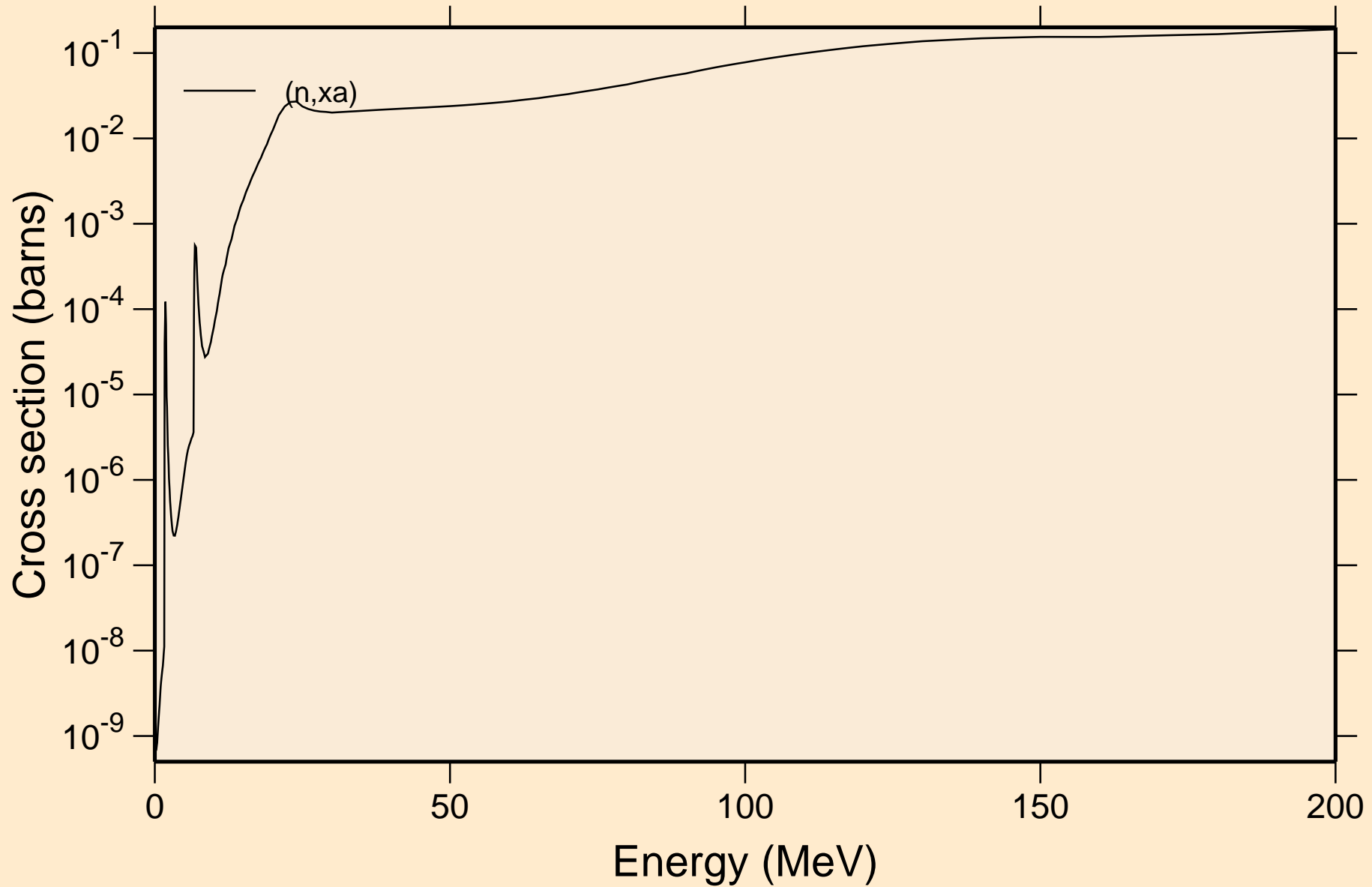


# BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

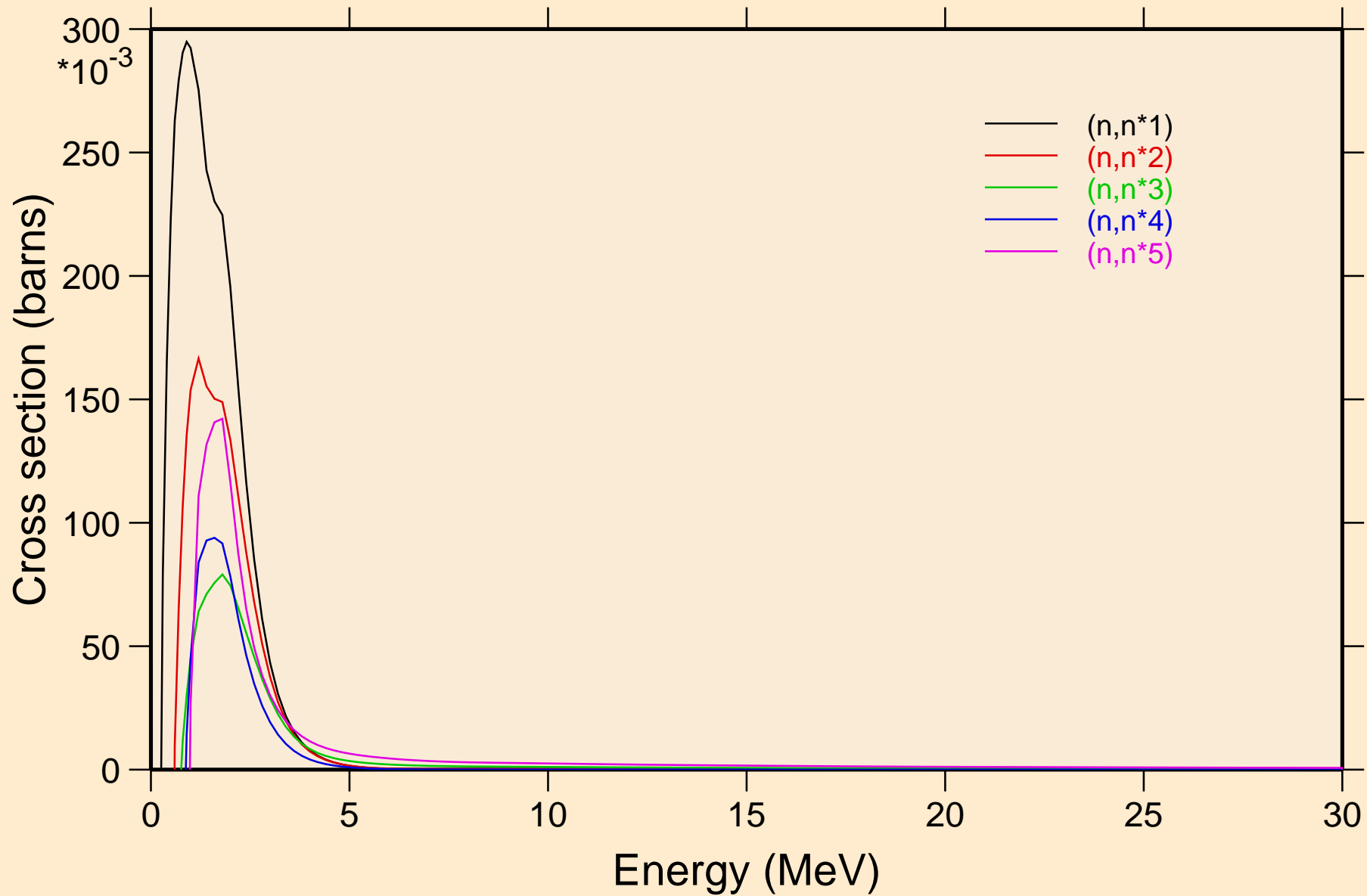
## Non-threshold reactions



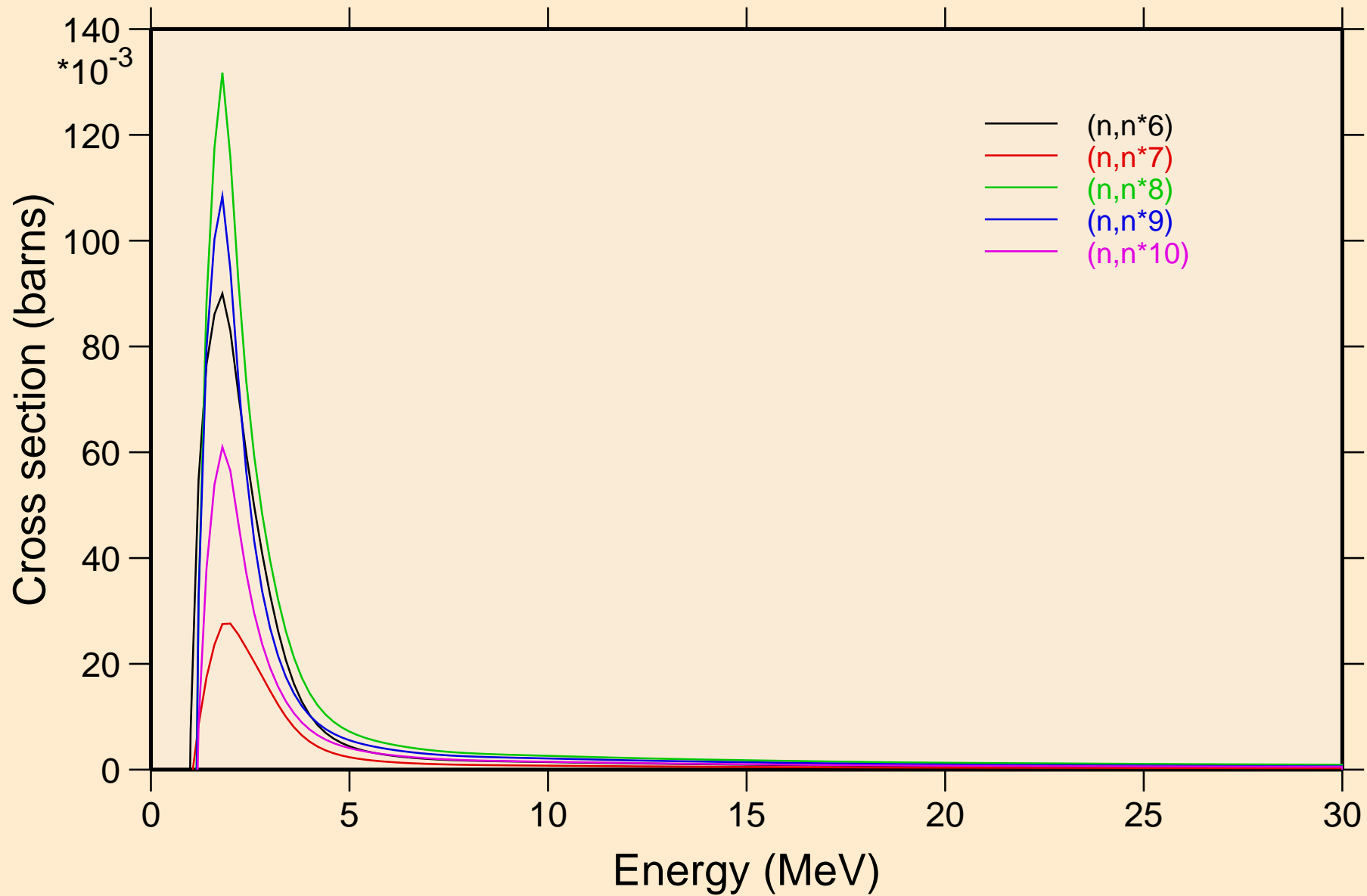
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



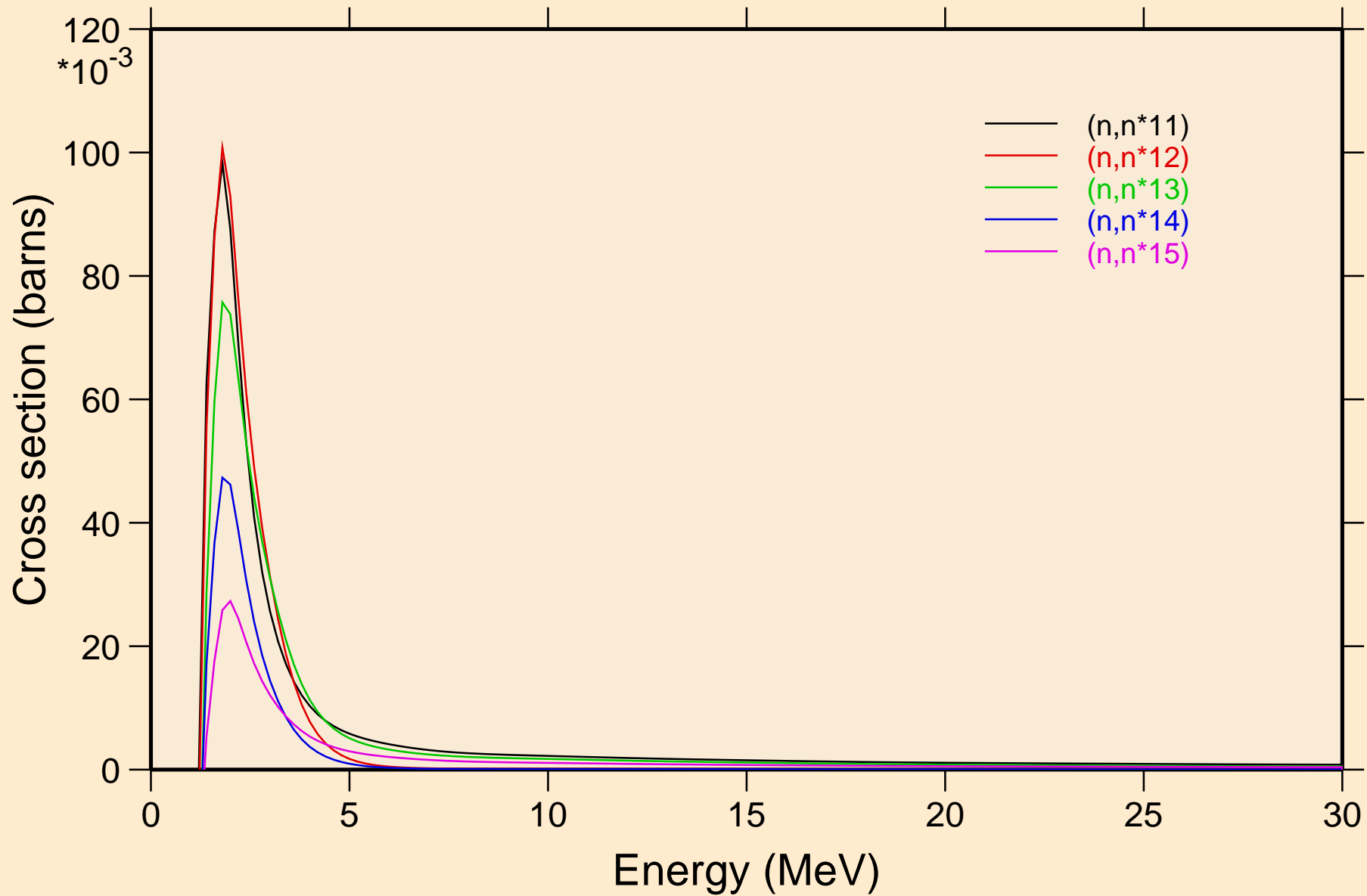
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



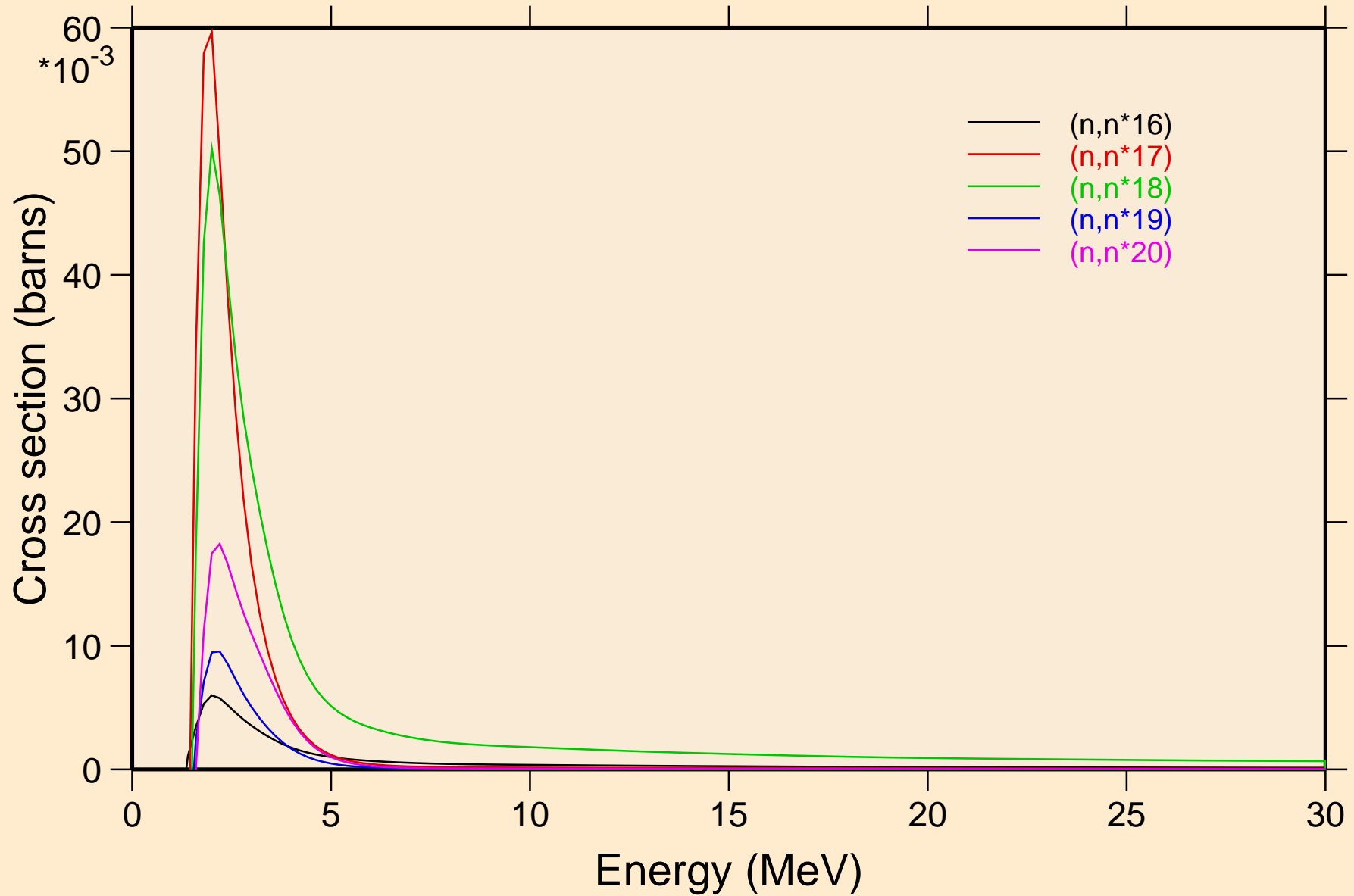
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

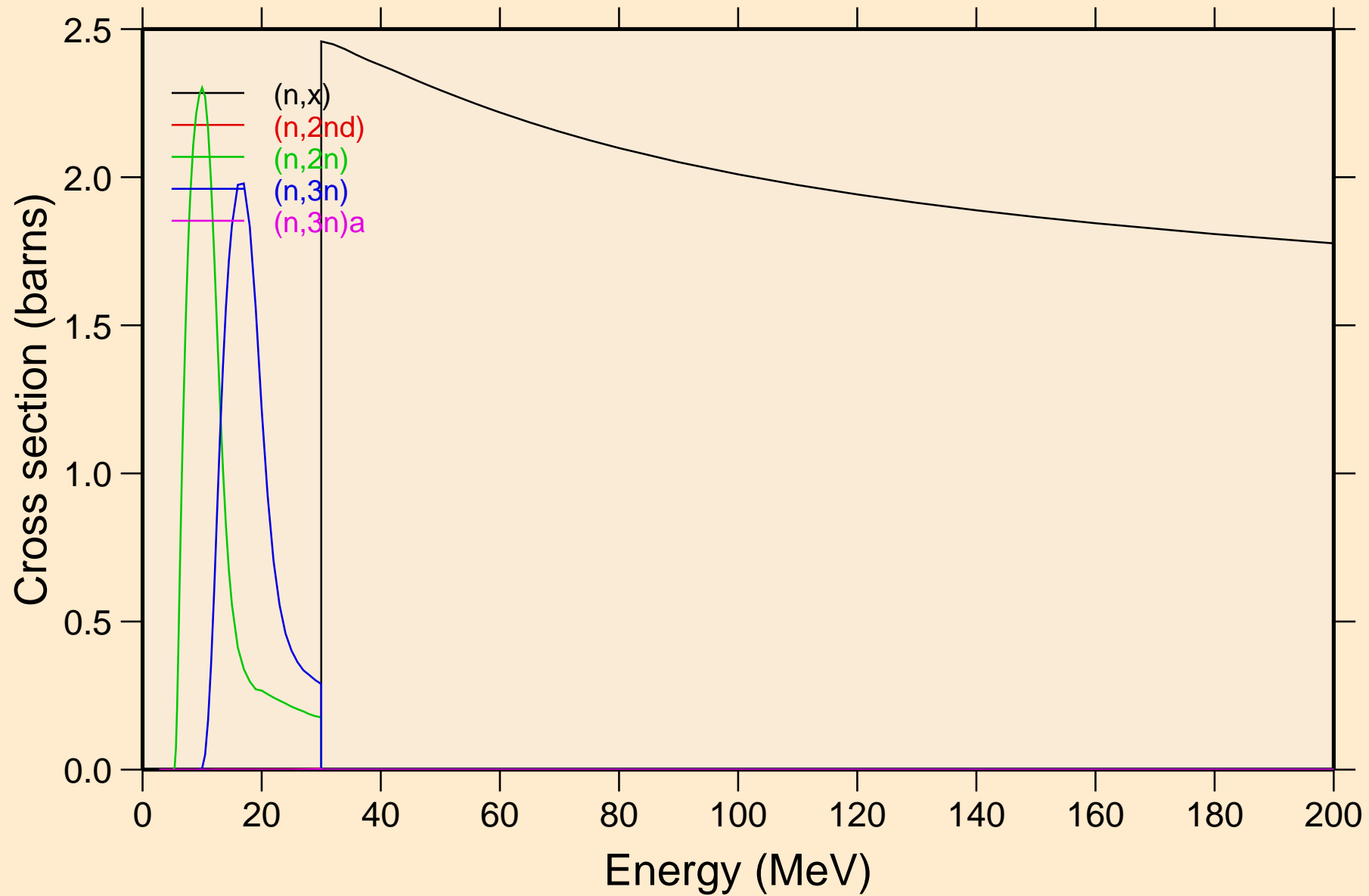


BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

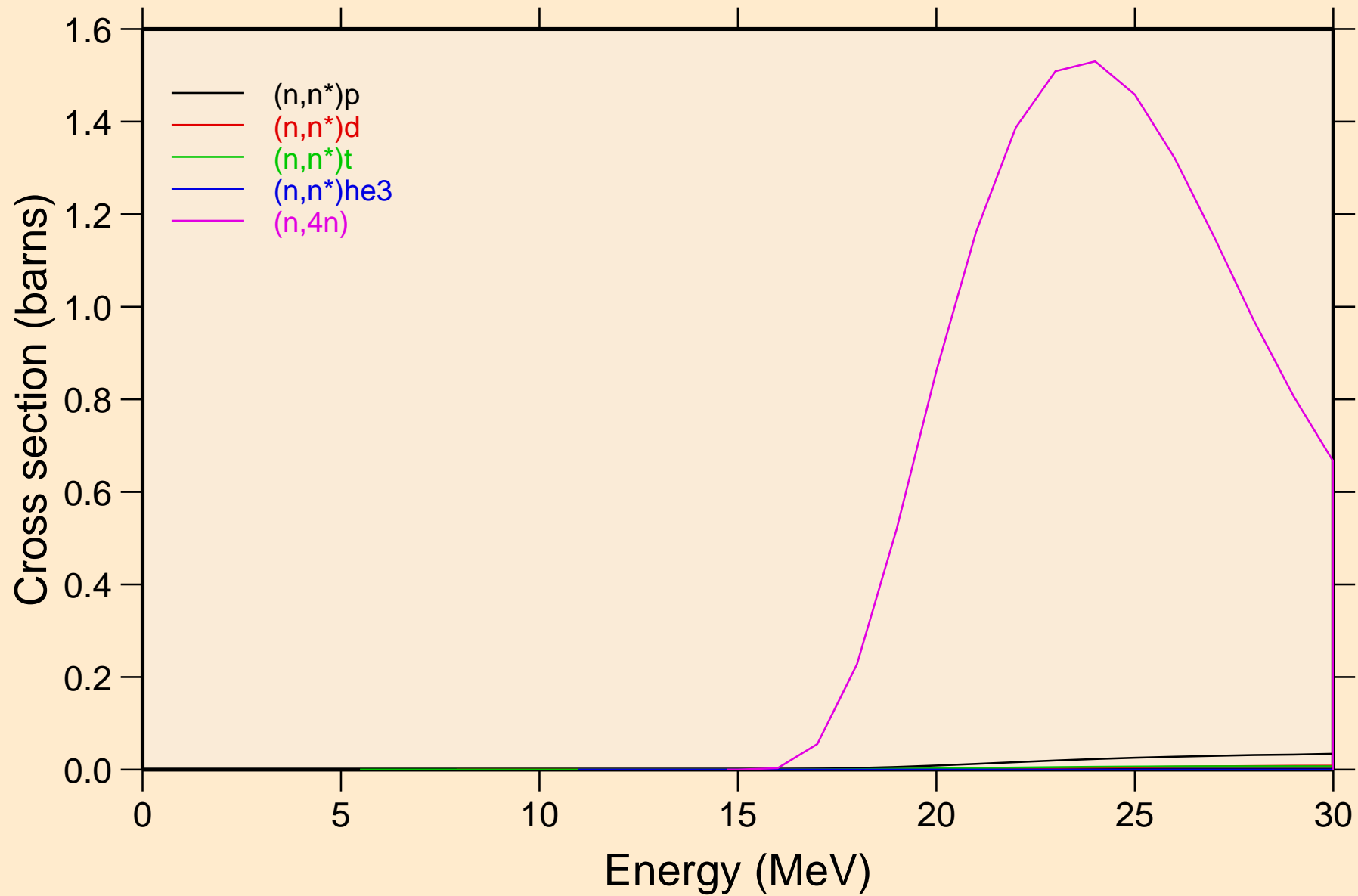


# BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

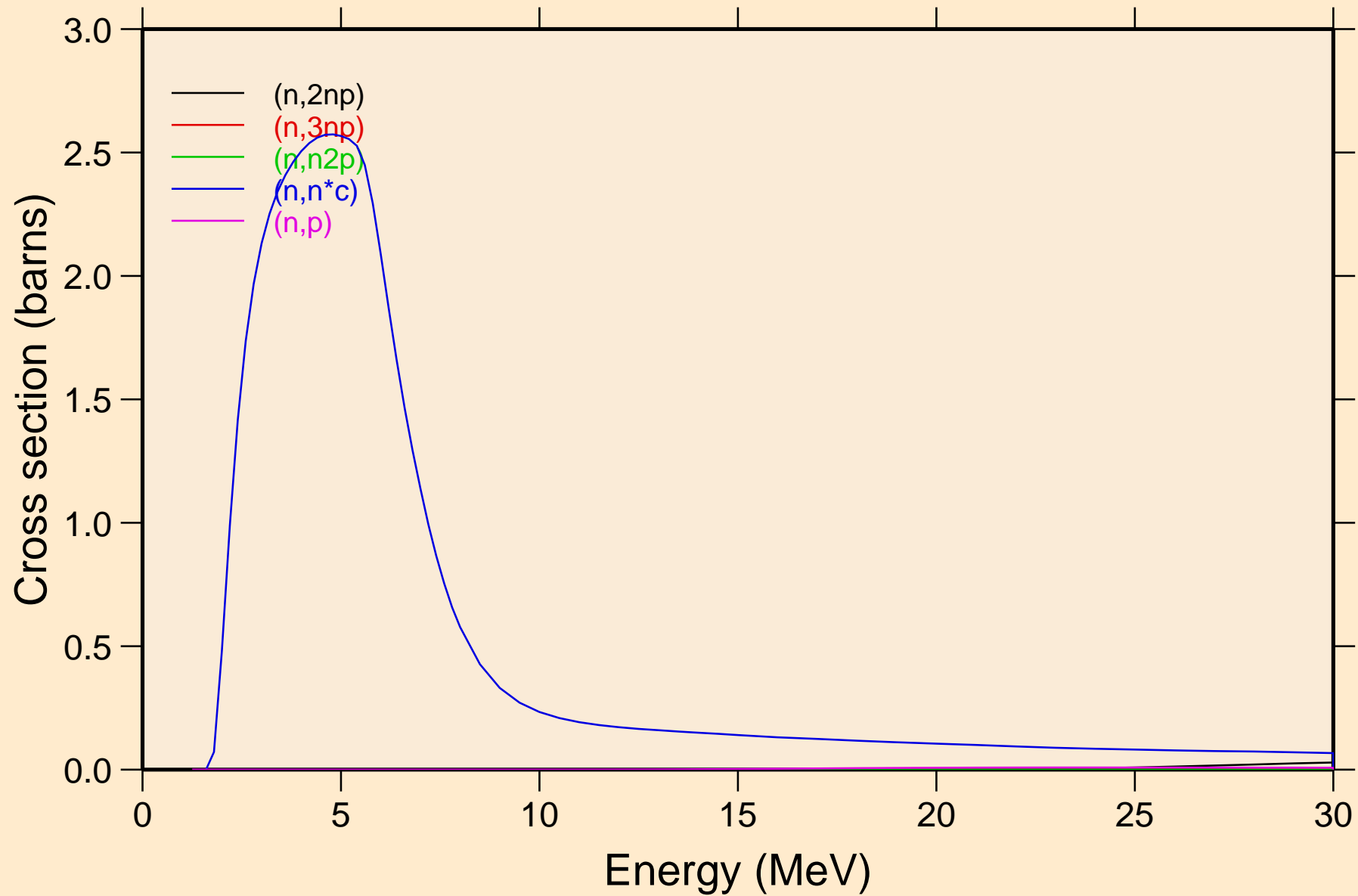


BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

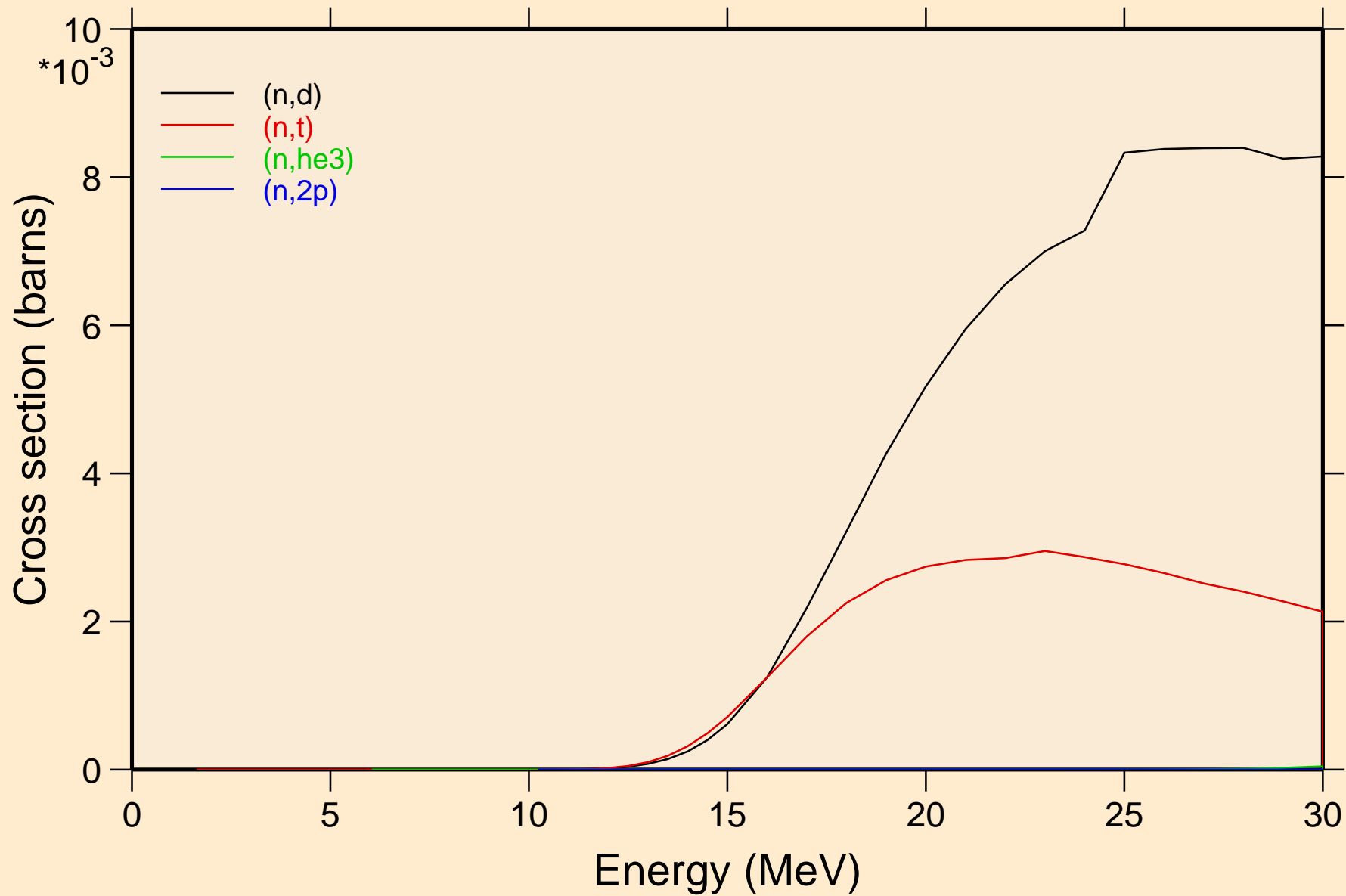




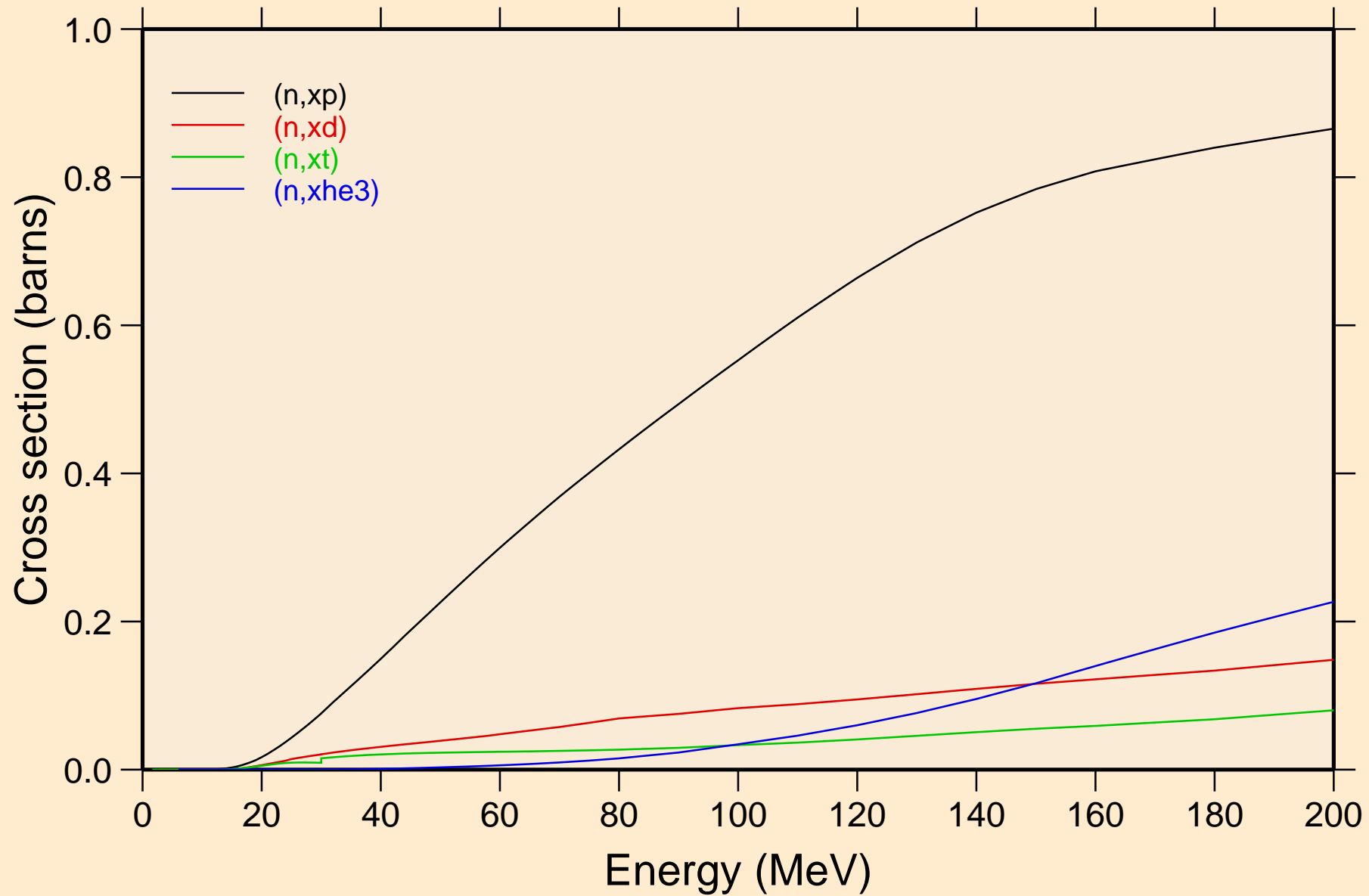
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



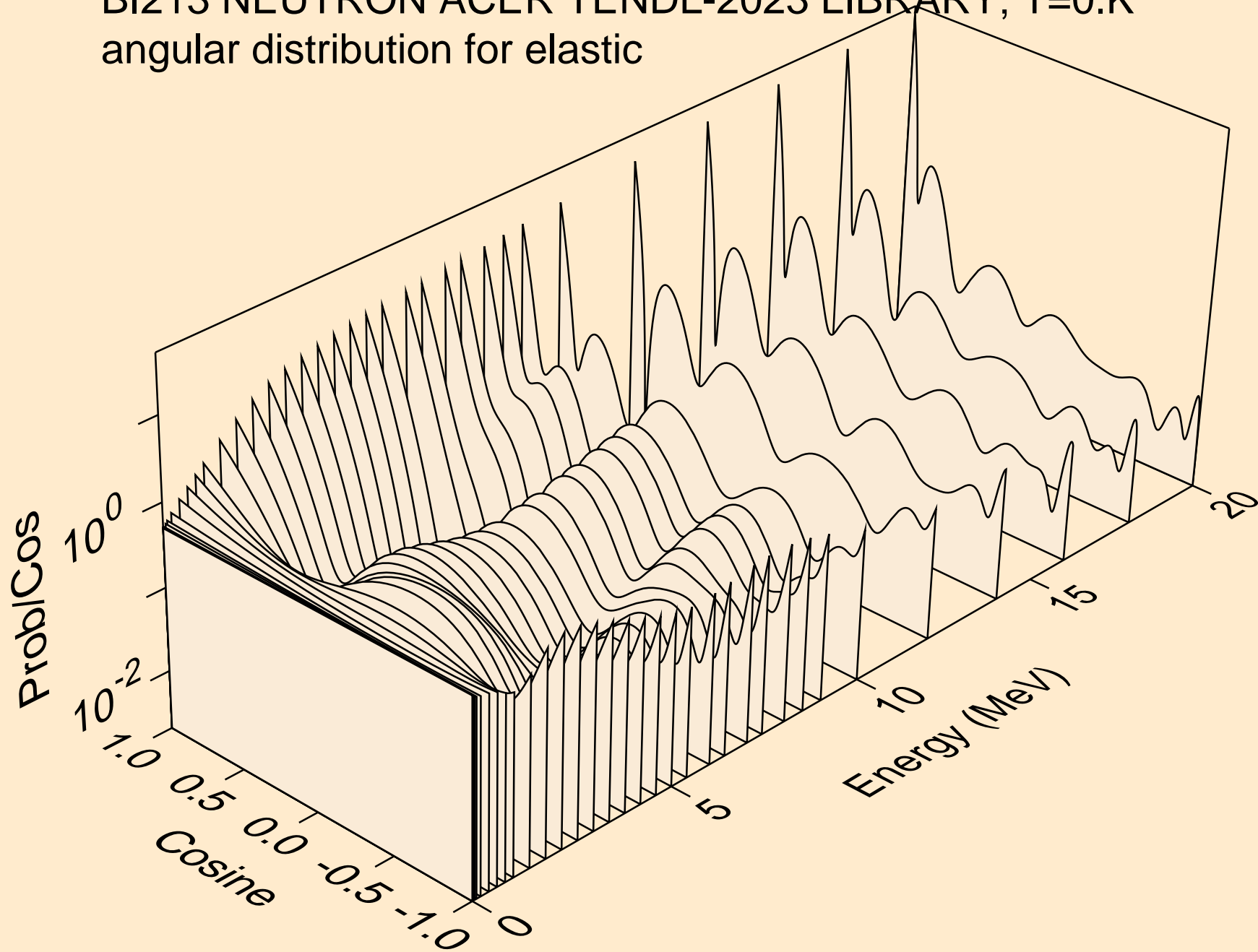
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



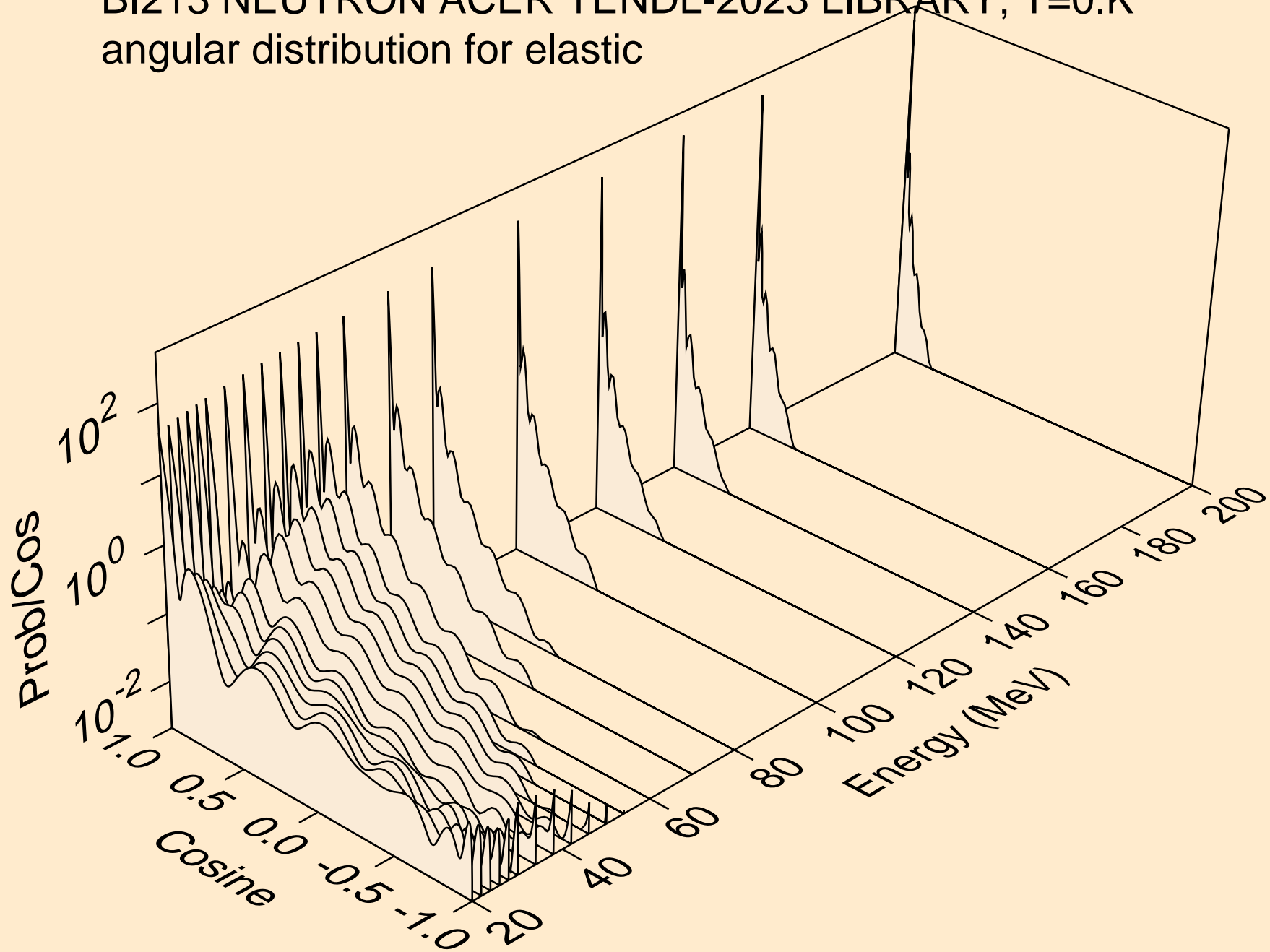
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



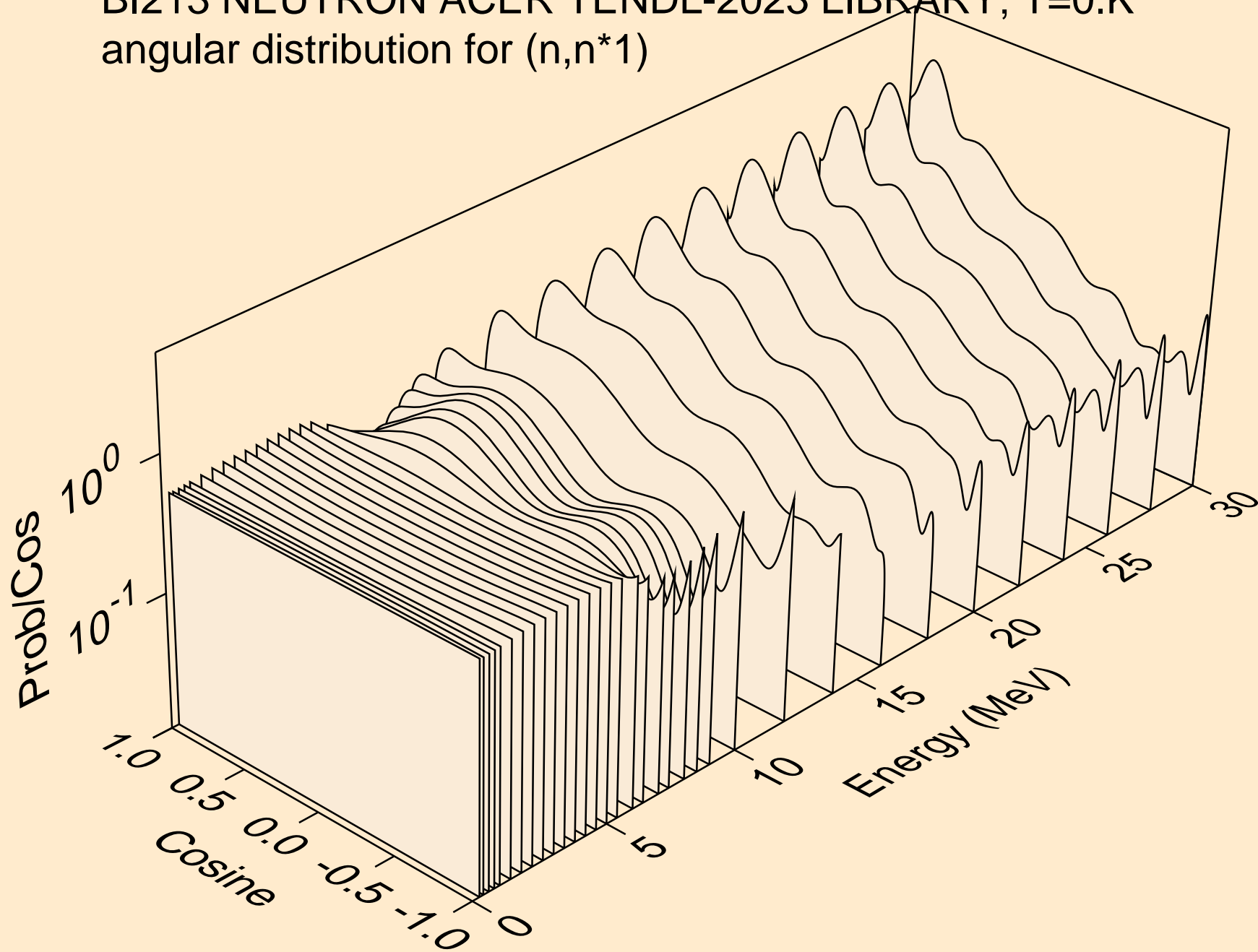
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



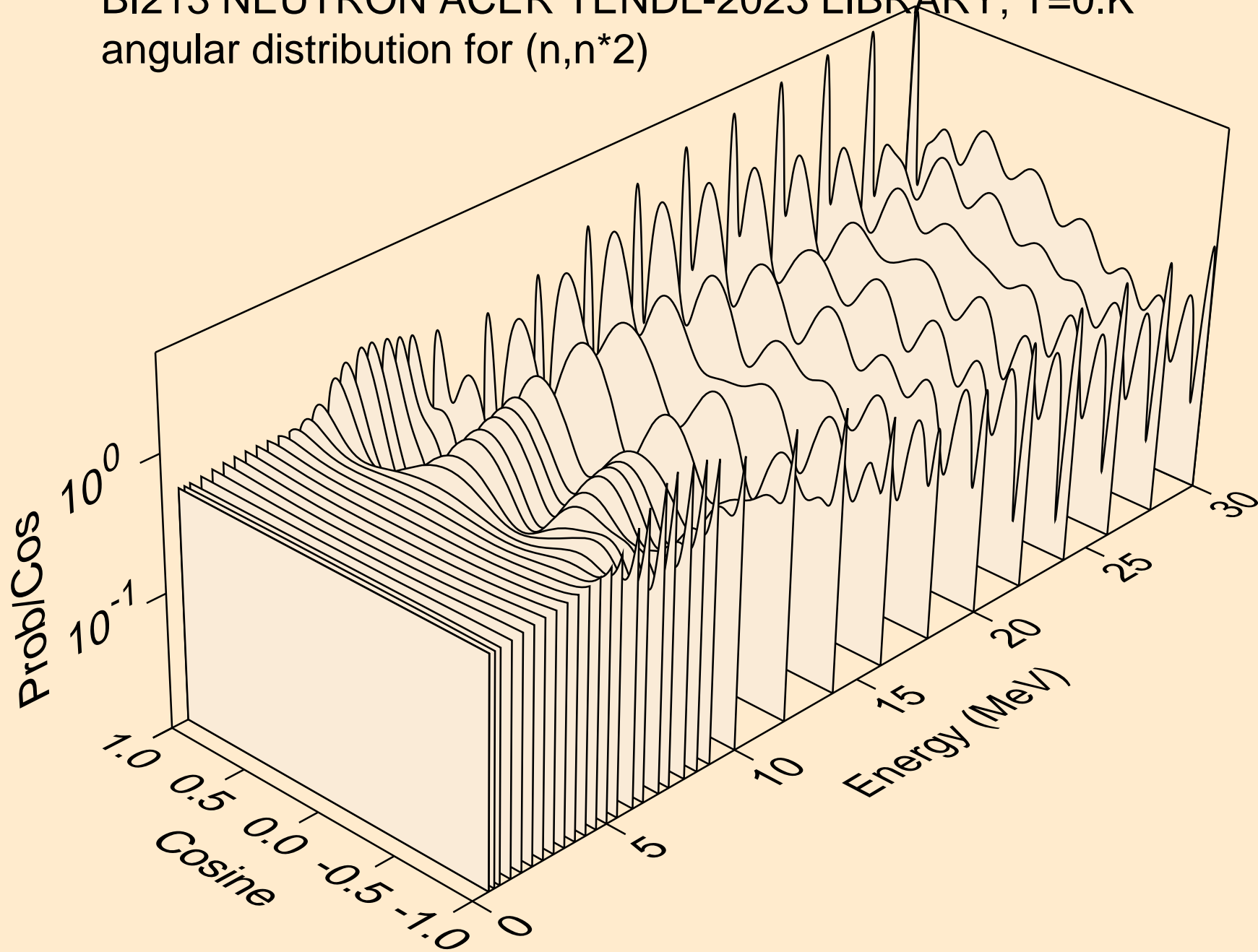
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



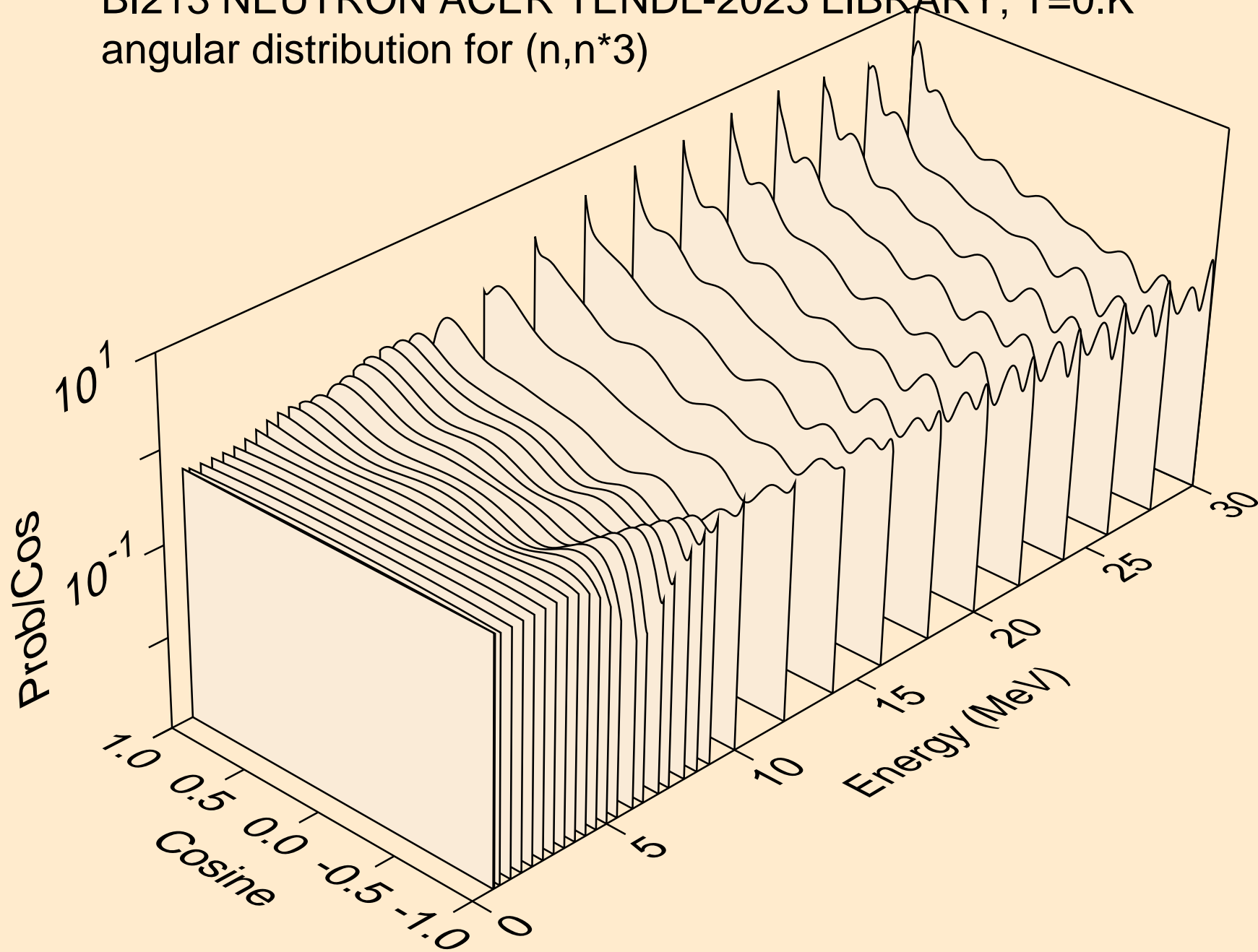
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

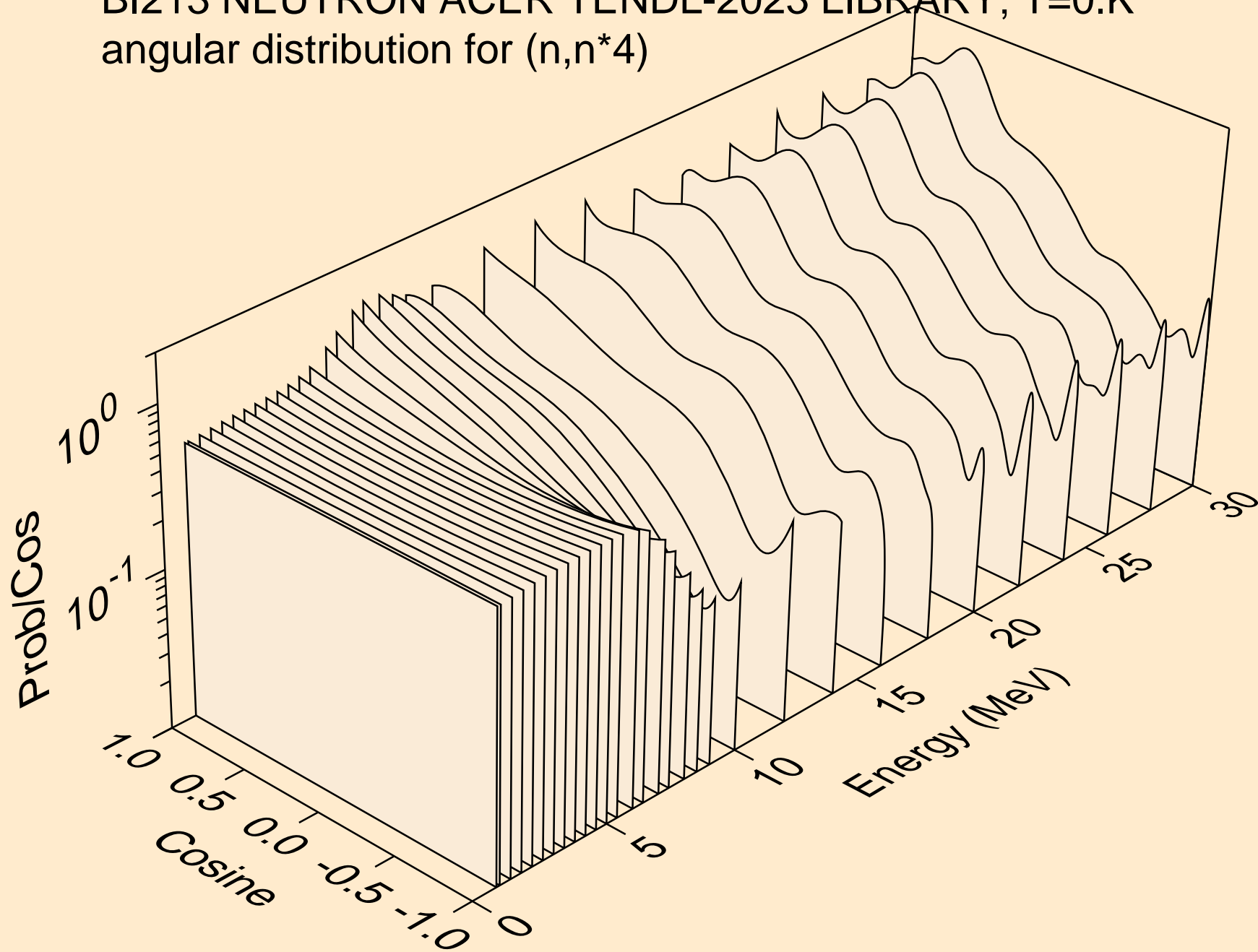


BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)

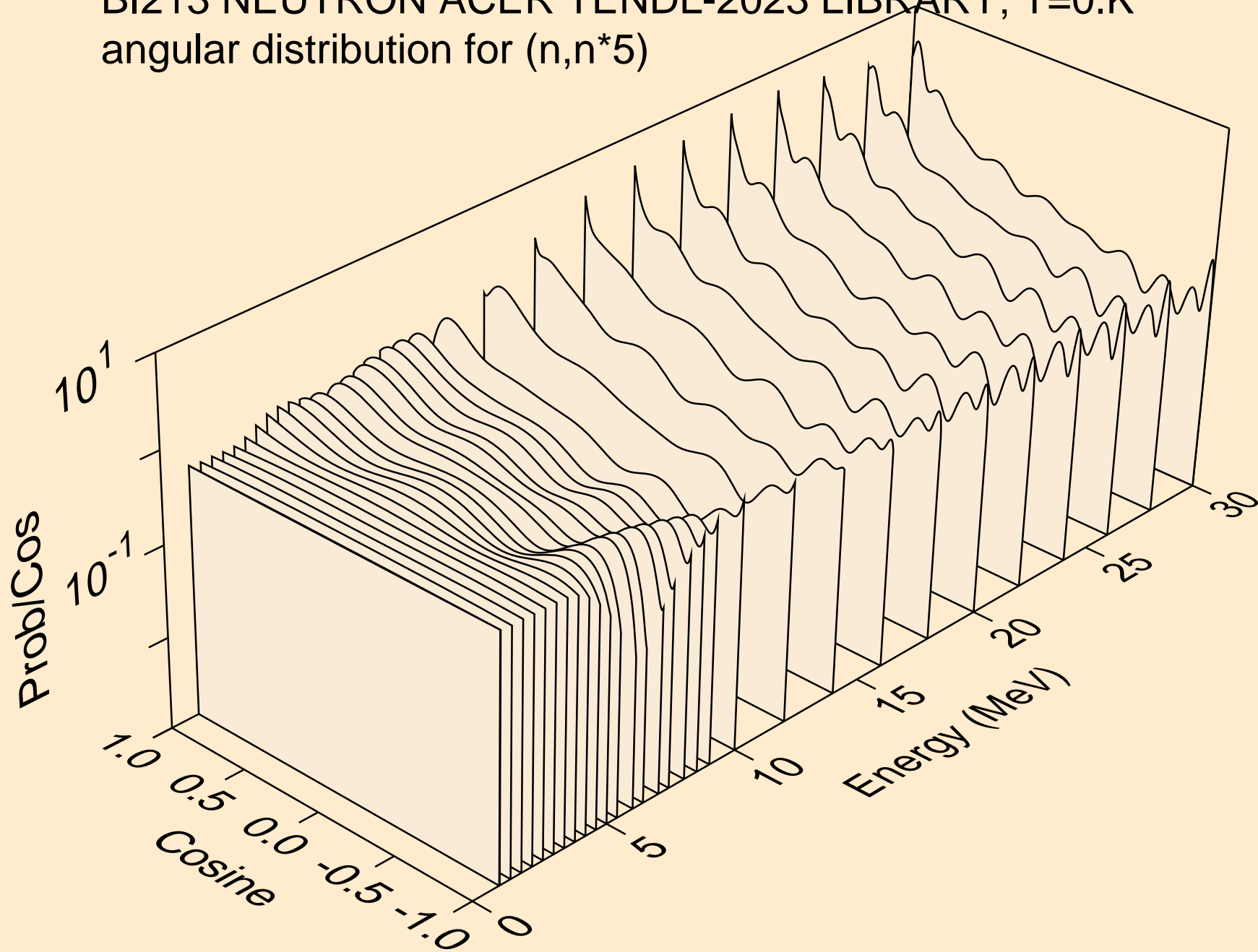




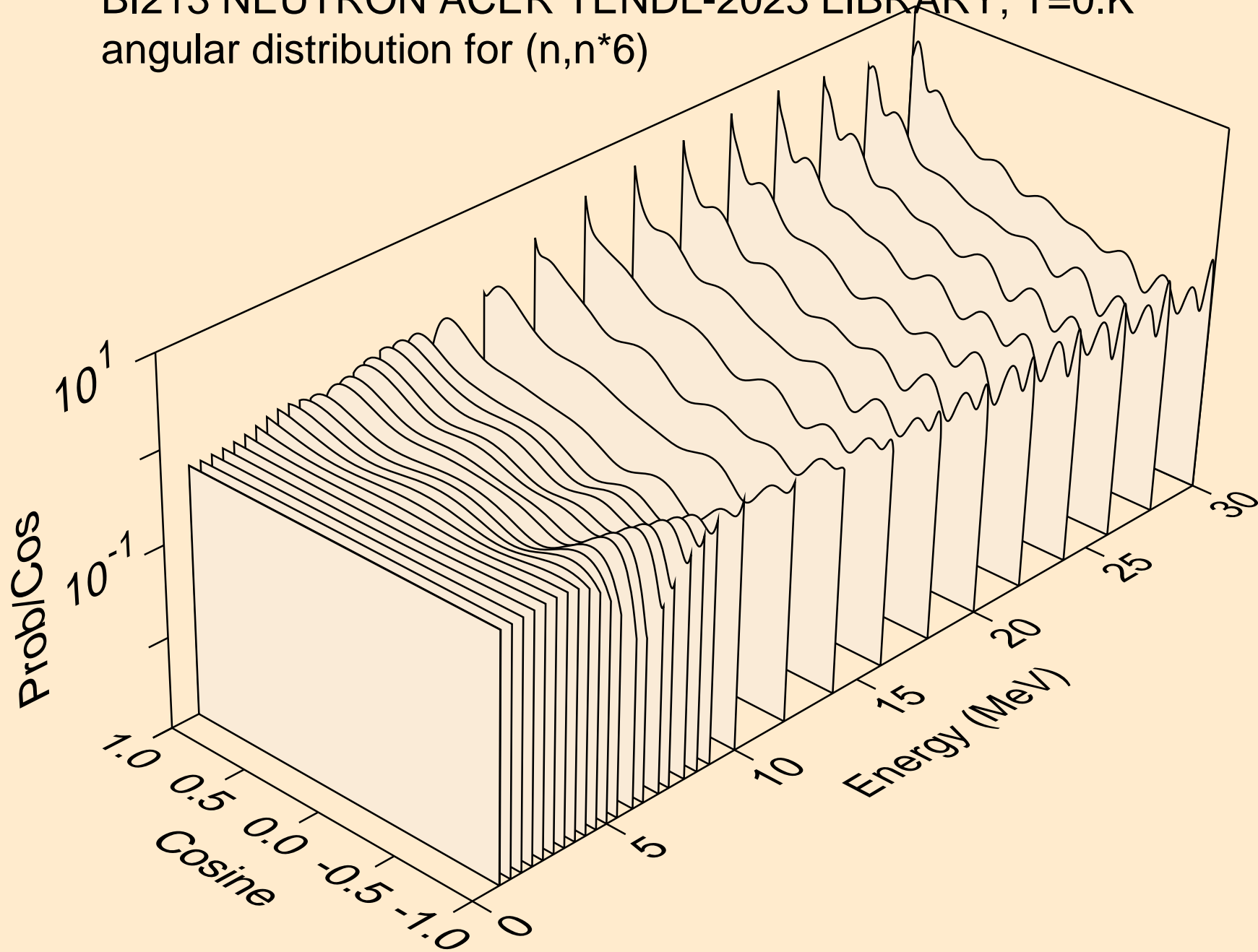
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



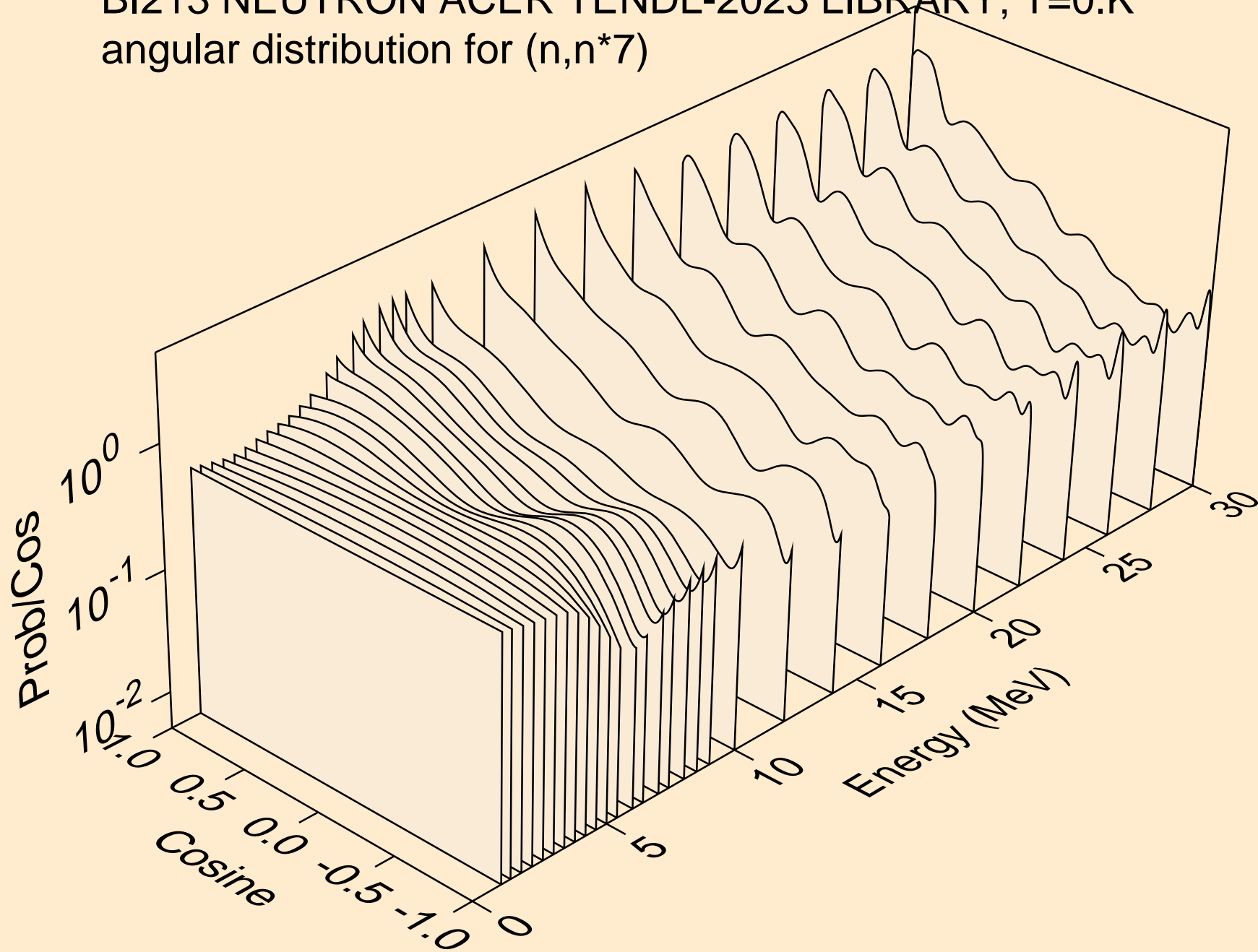
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



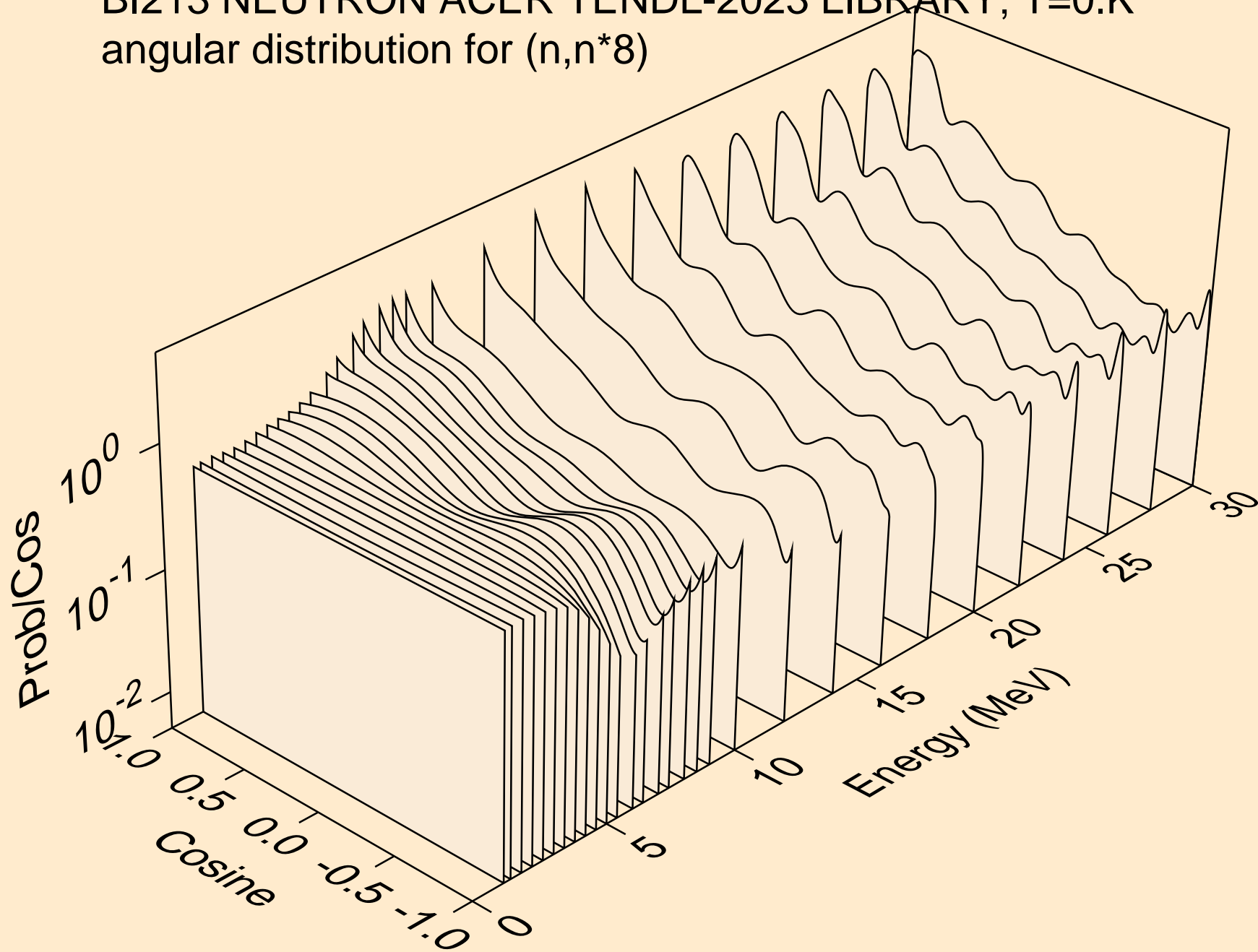
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



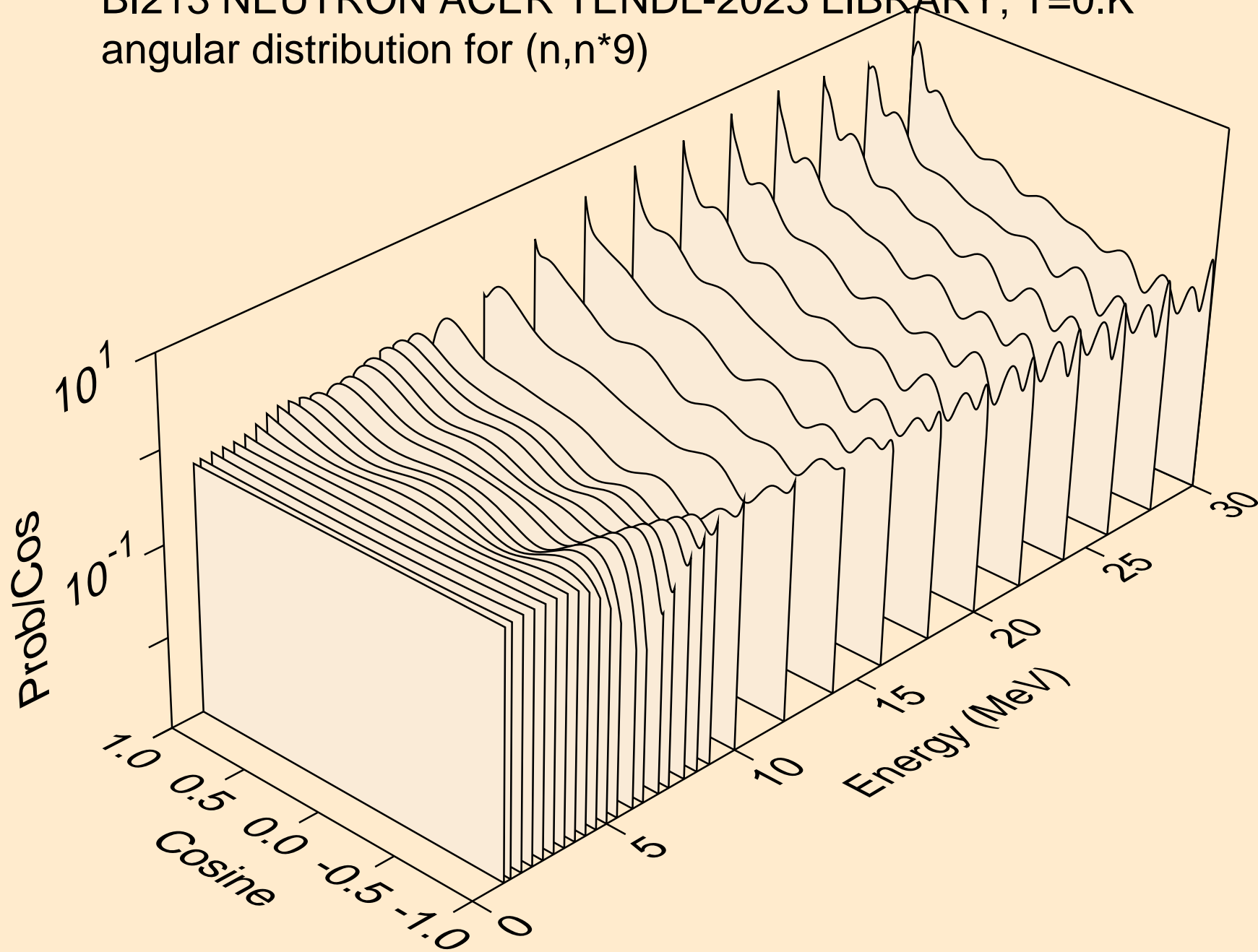
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



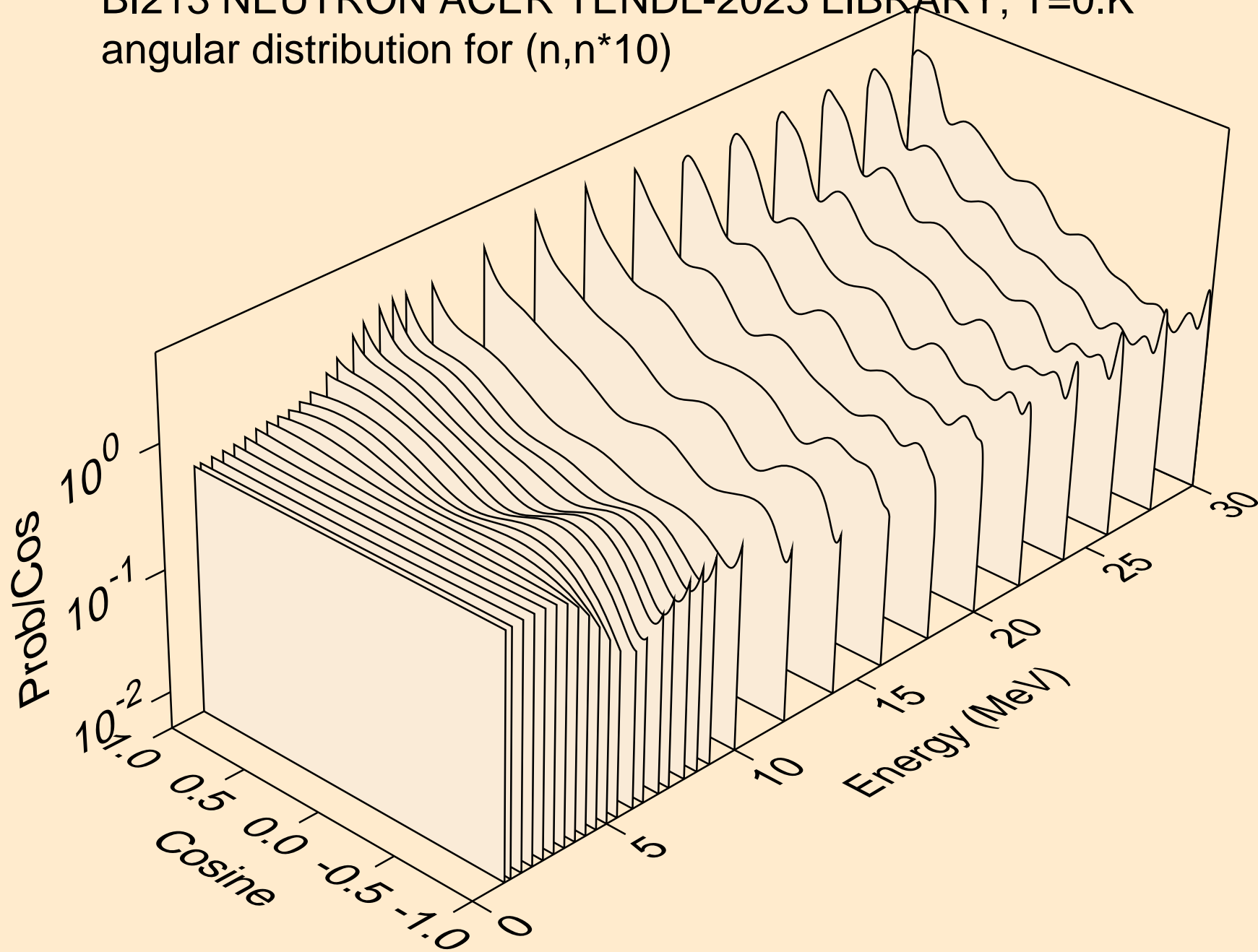
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



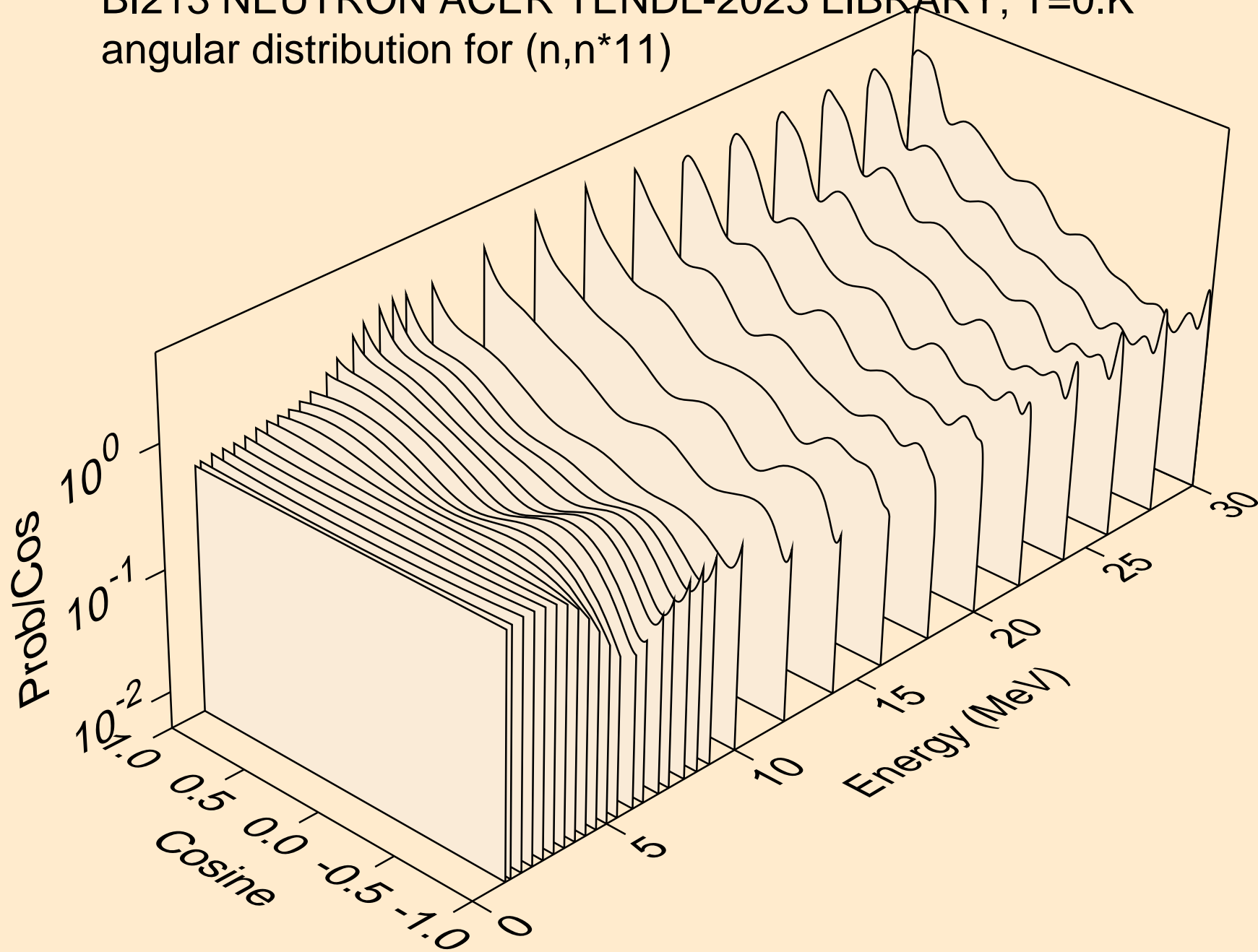
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*10)

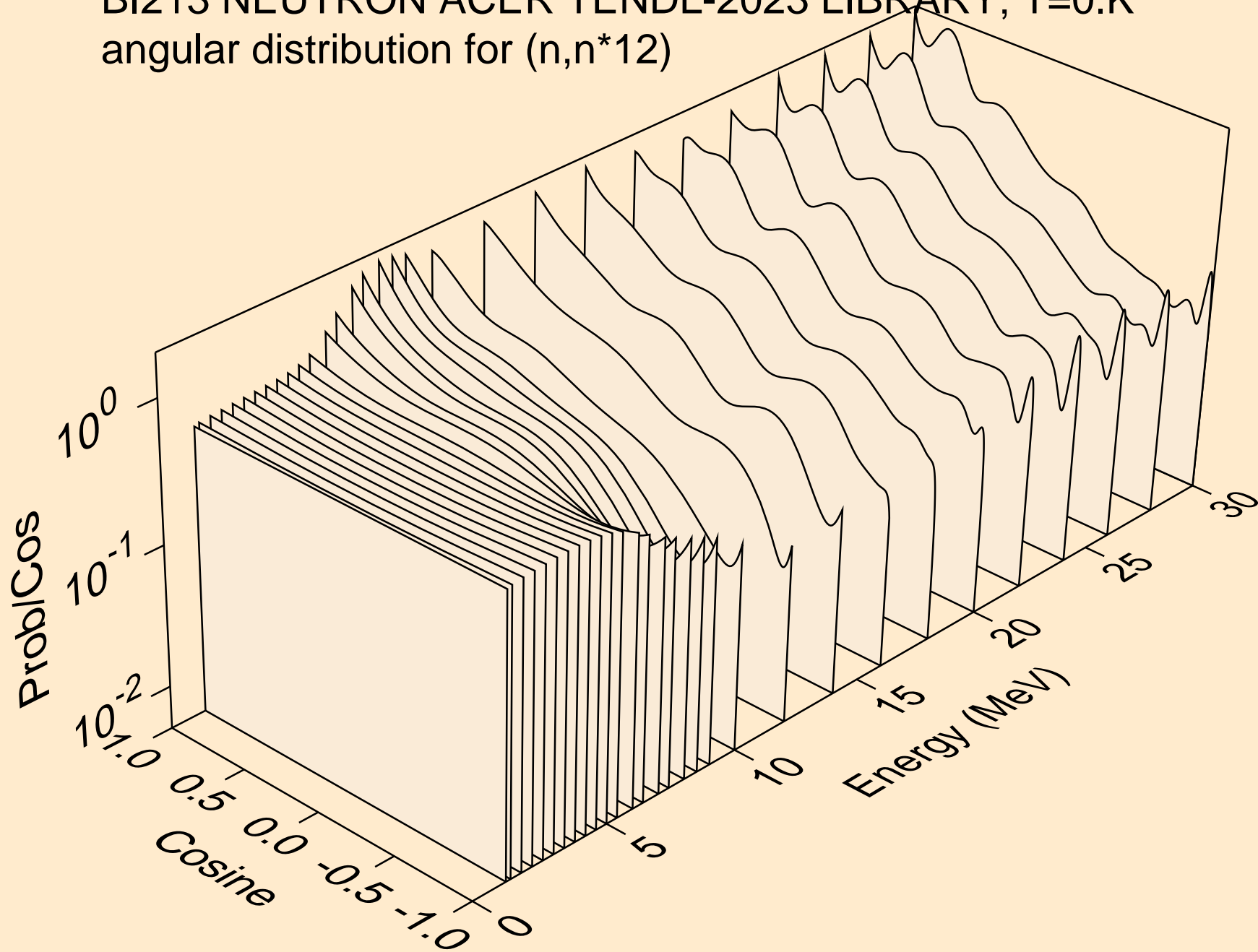


BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*11)

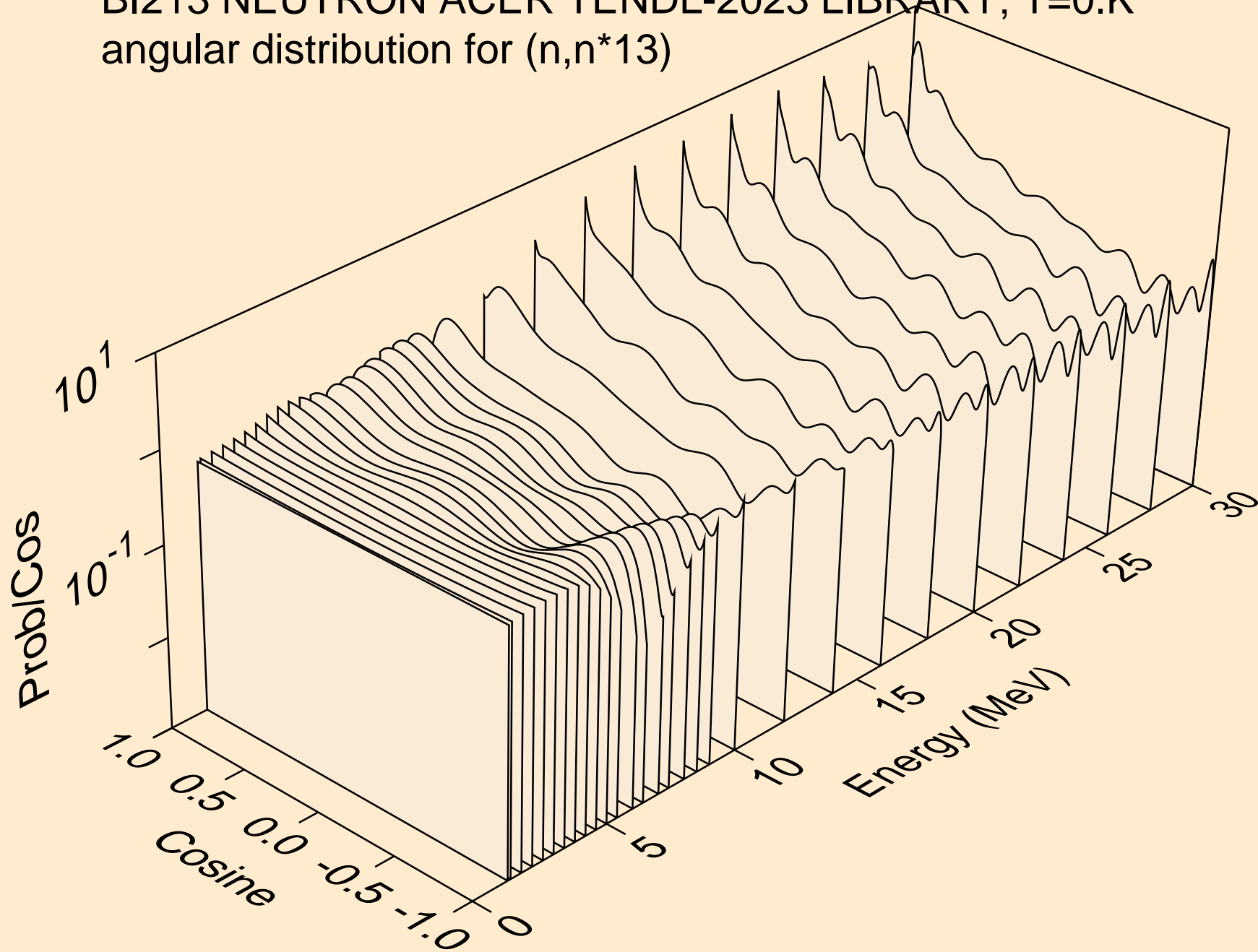




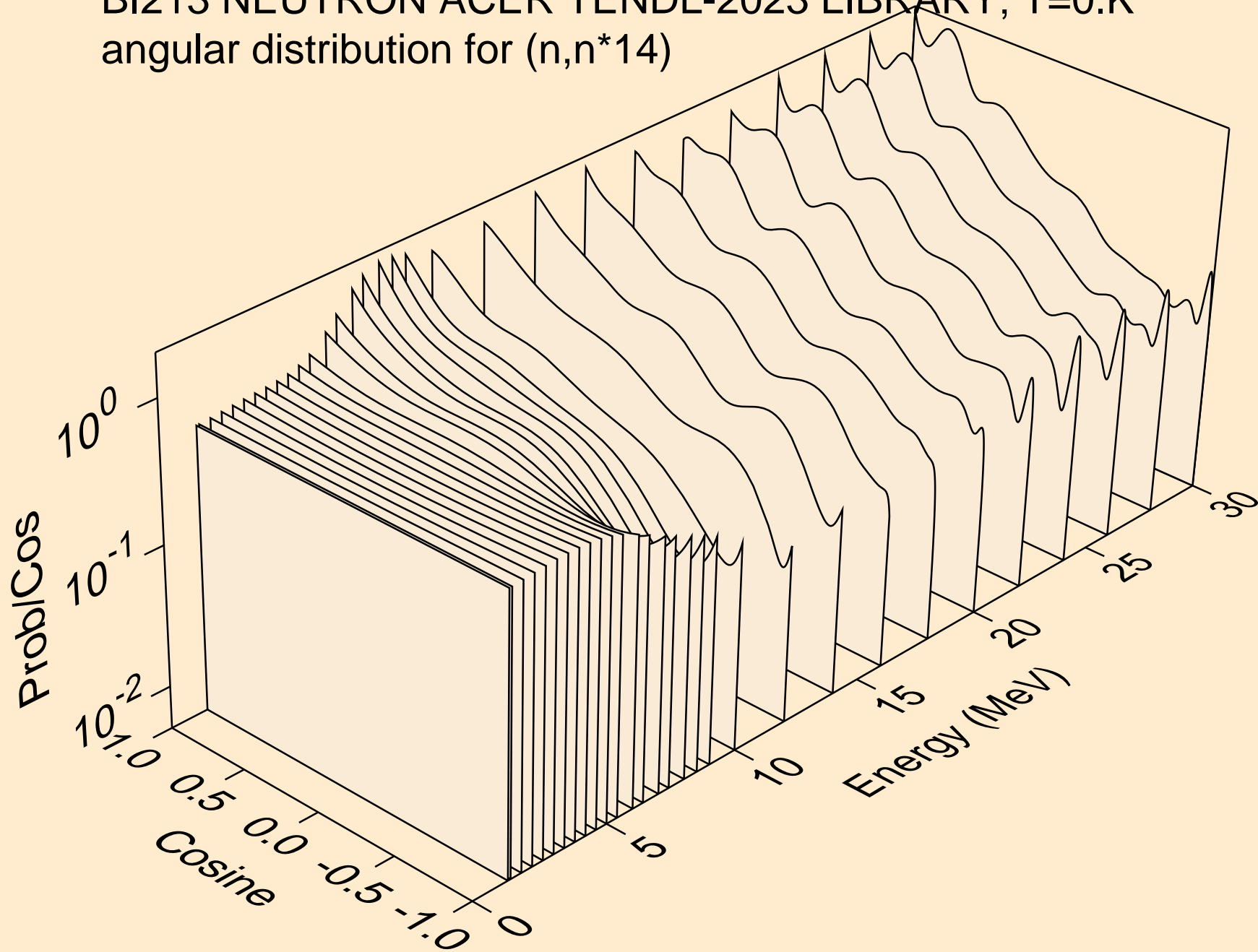
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



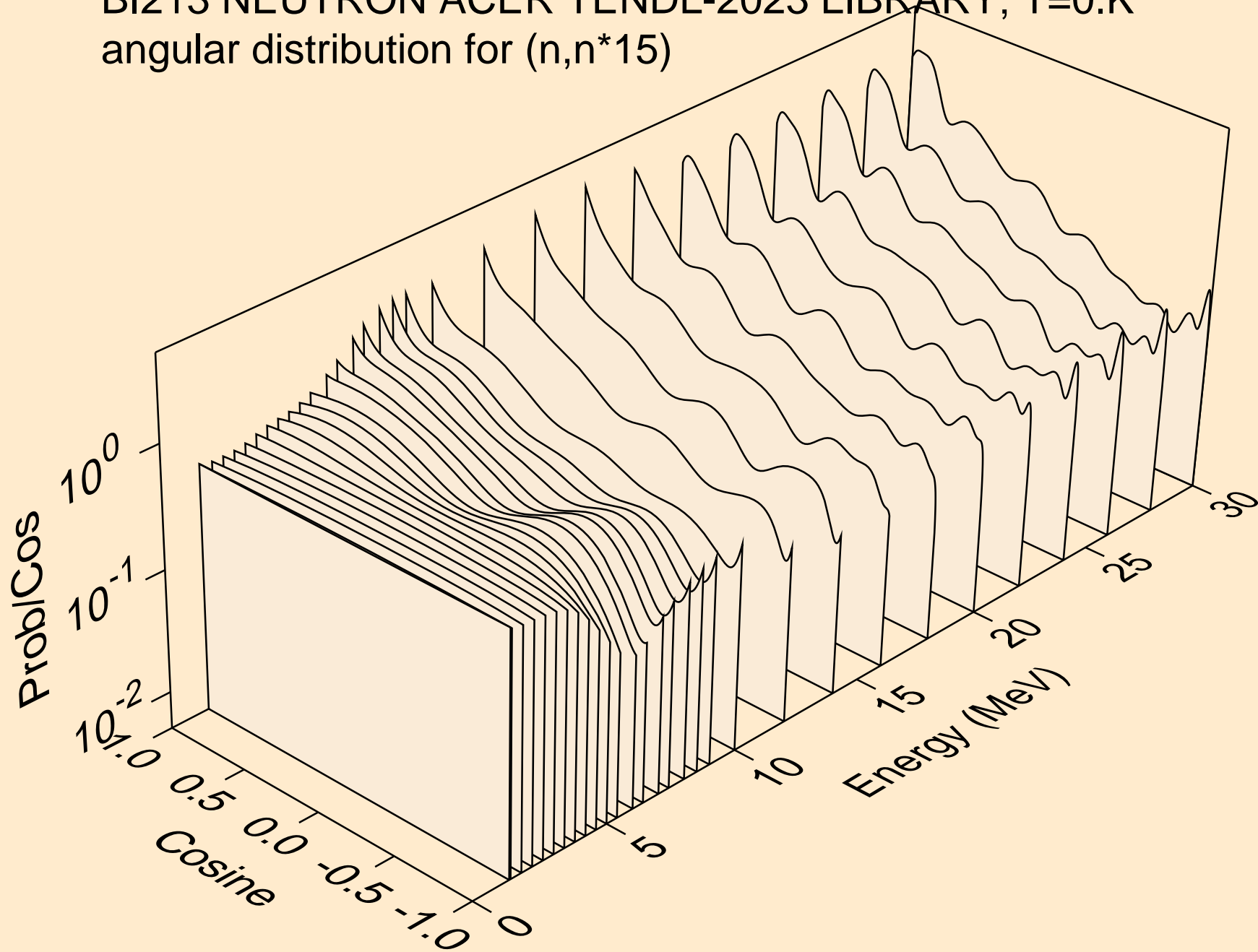
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



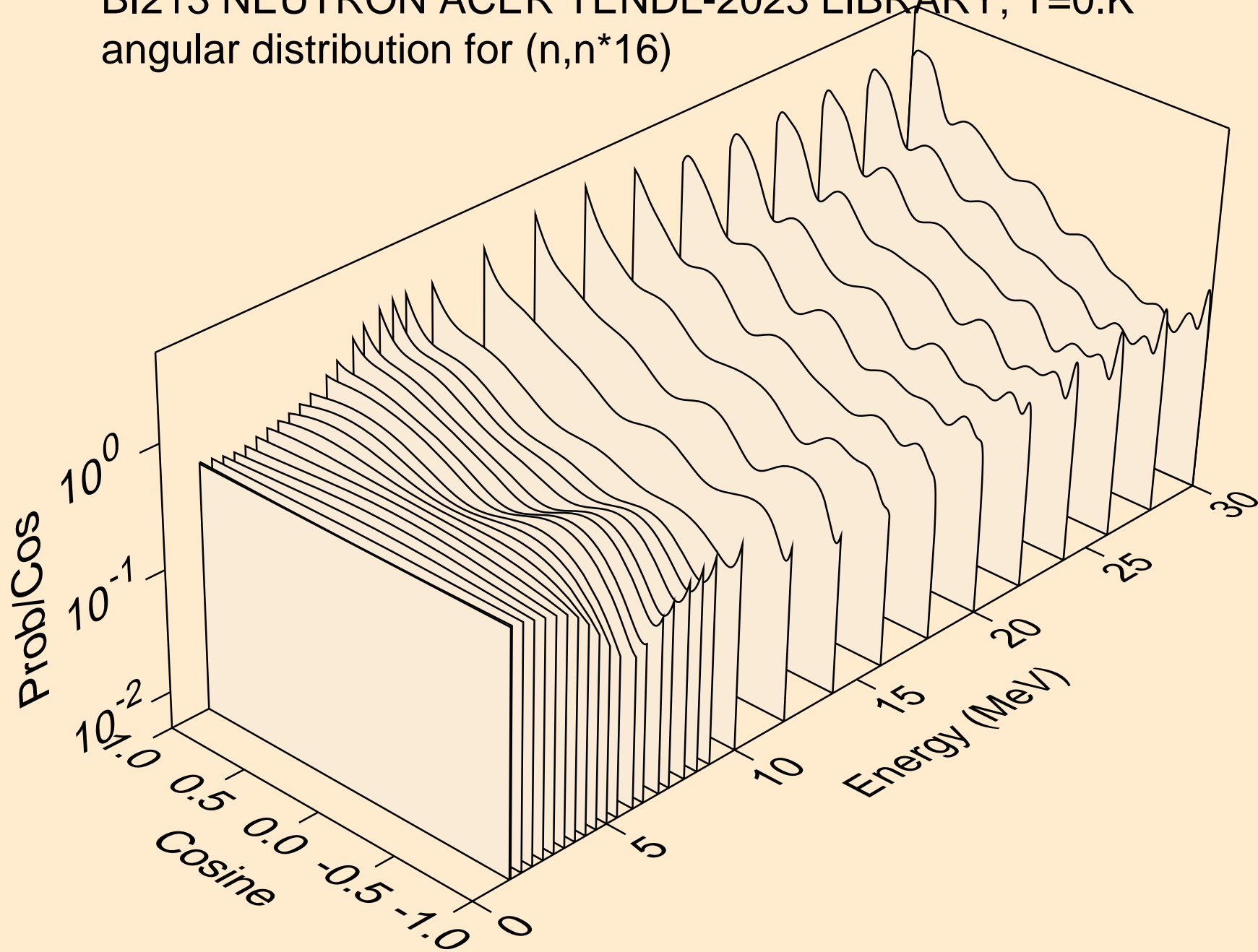
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



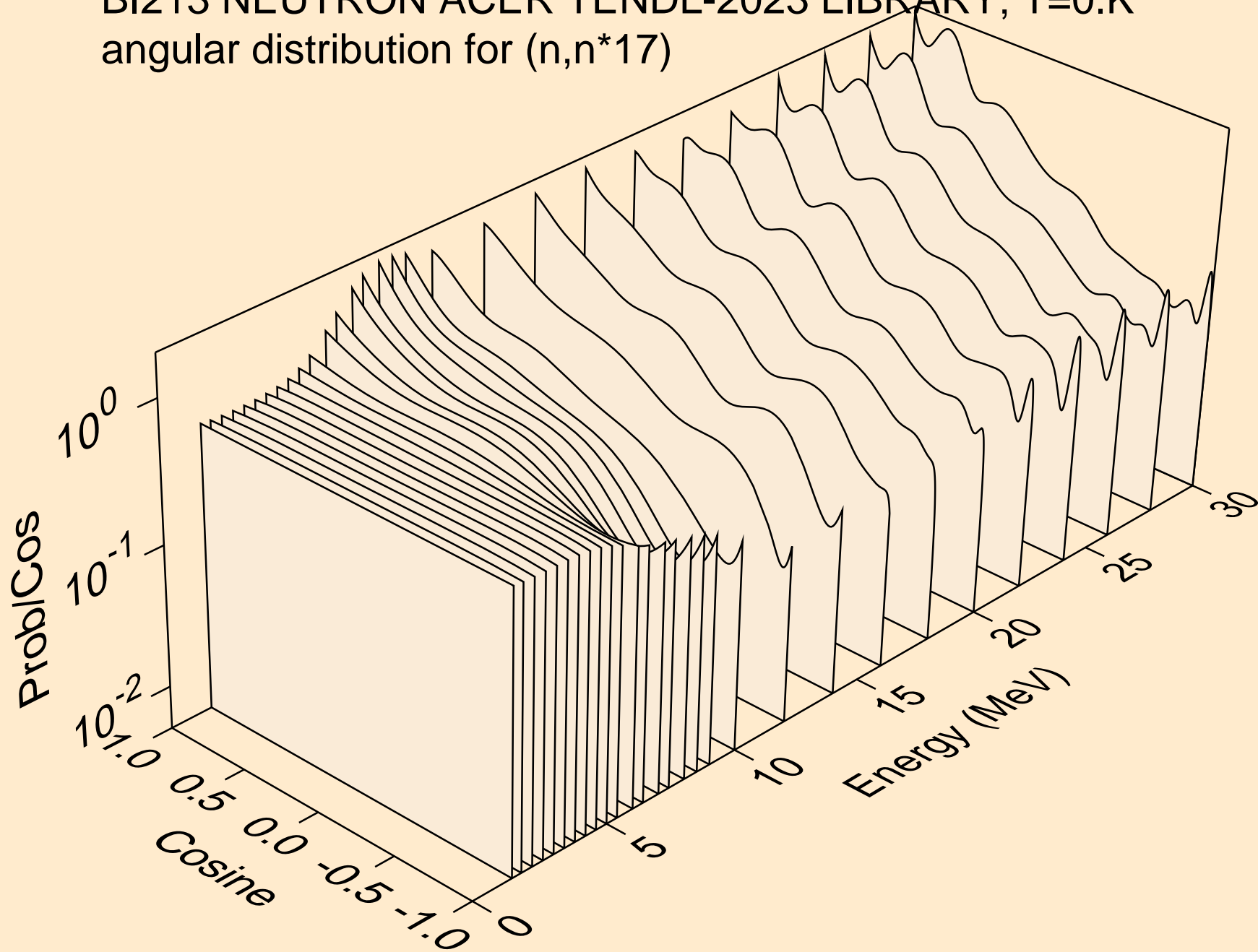
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



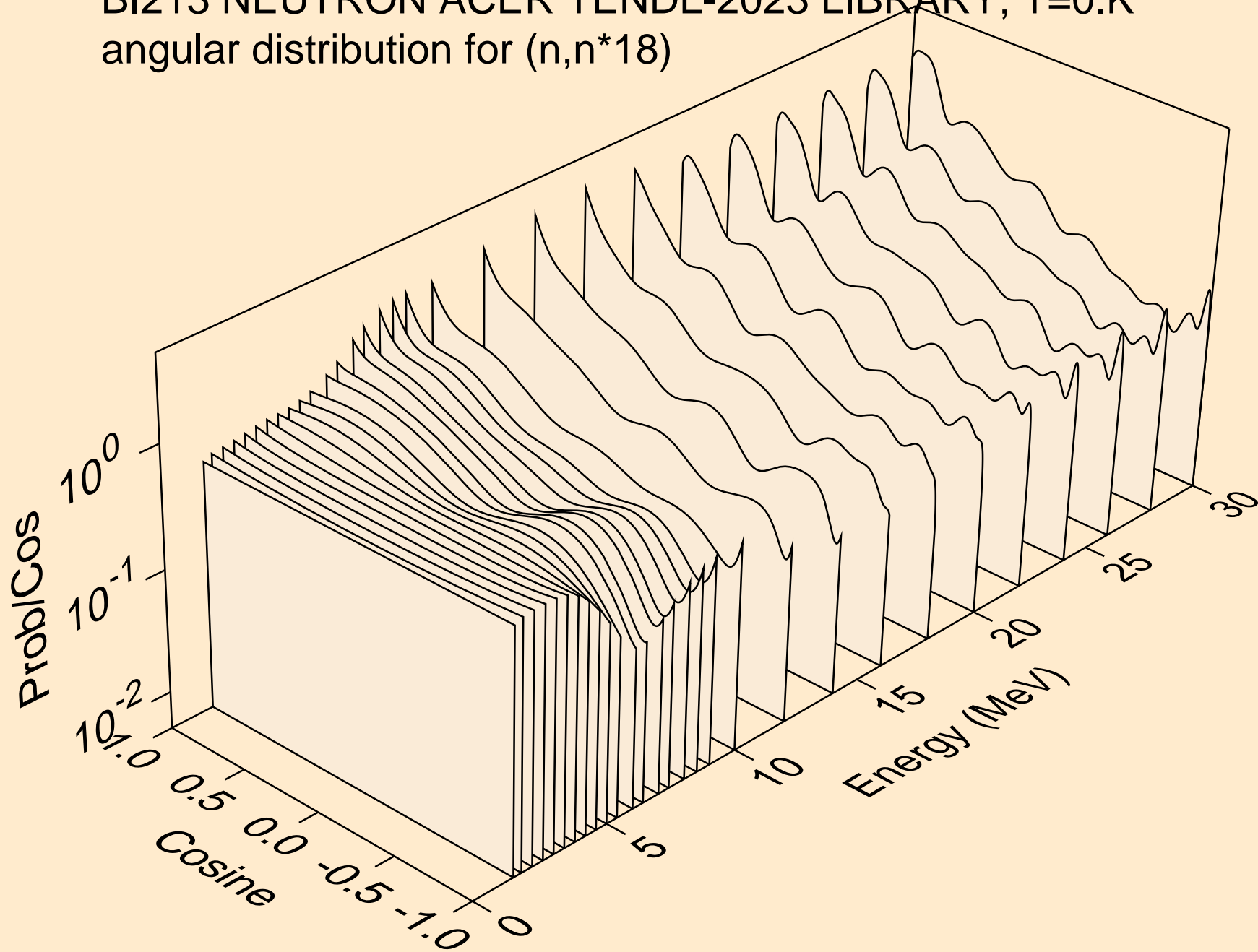
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



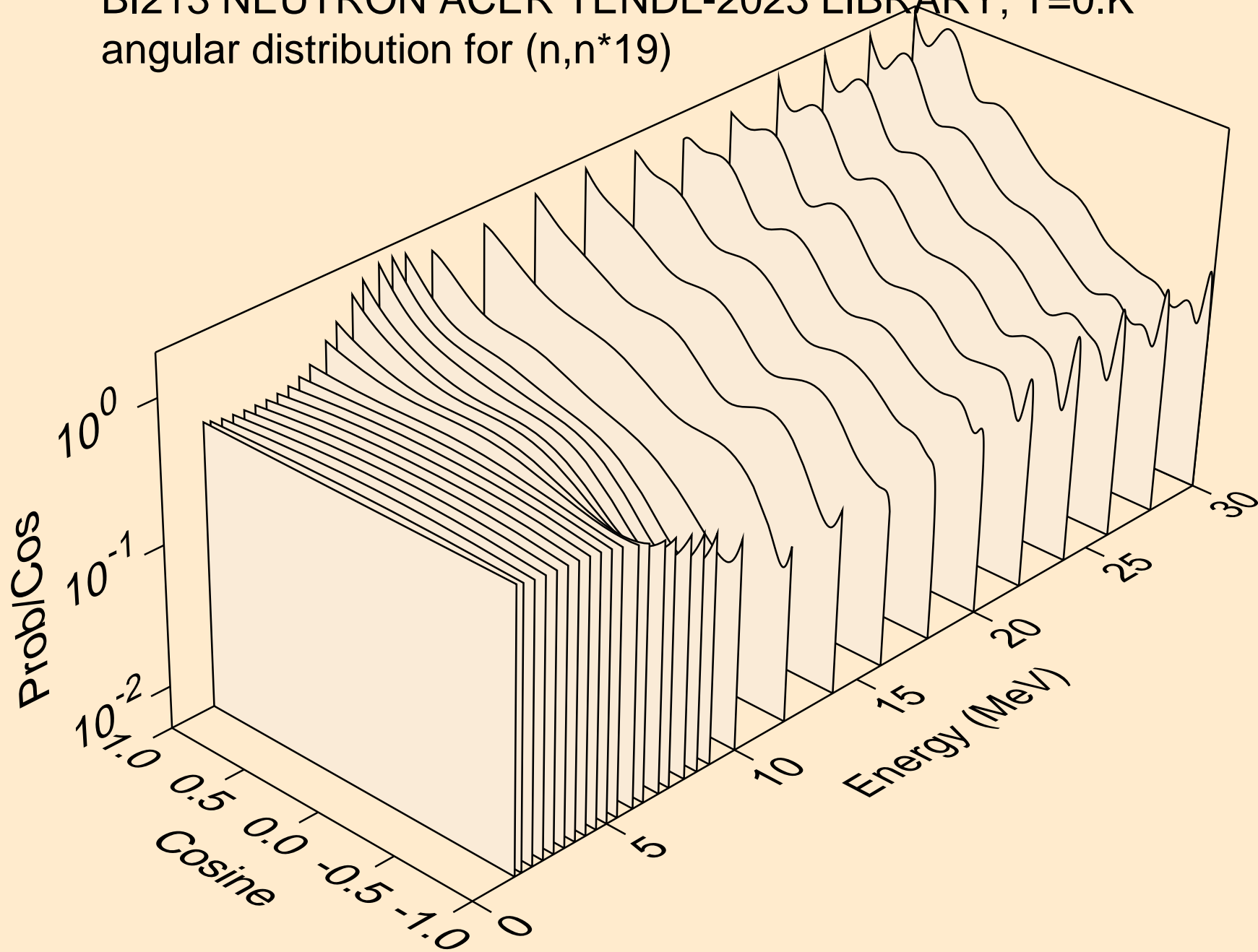
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*18)

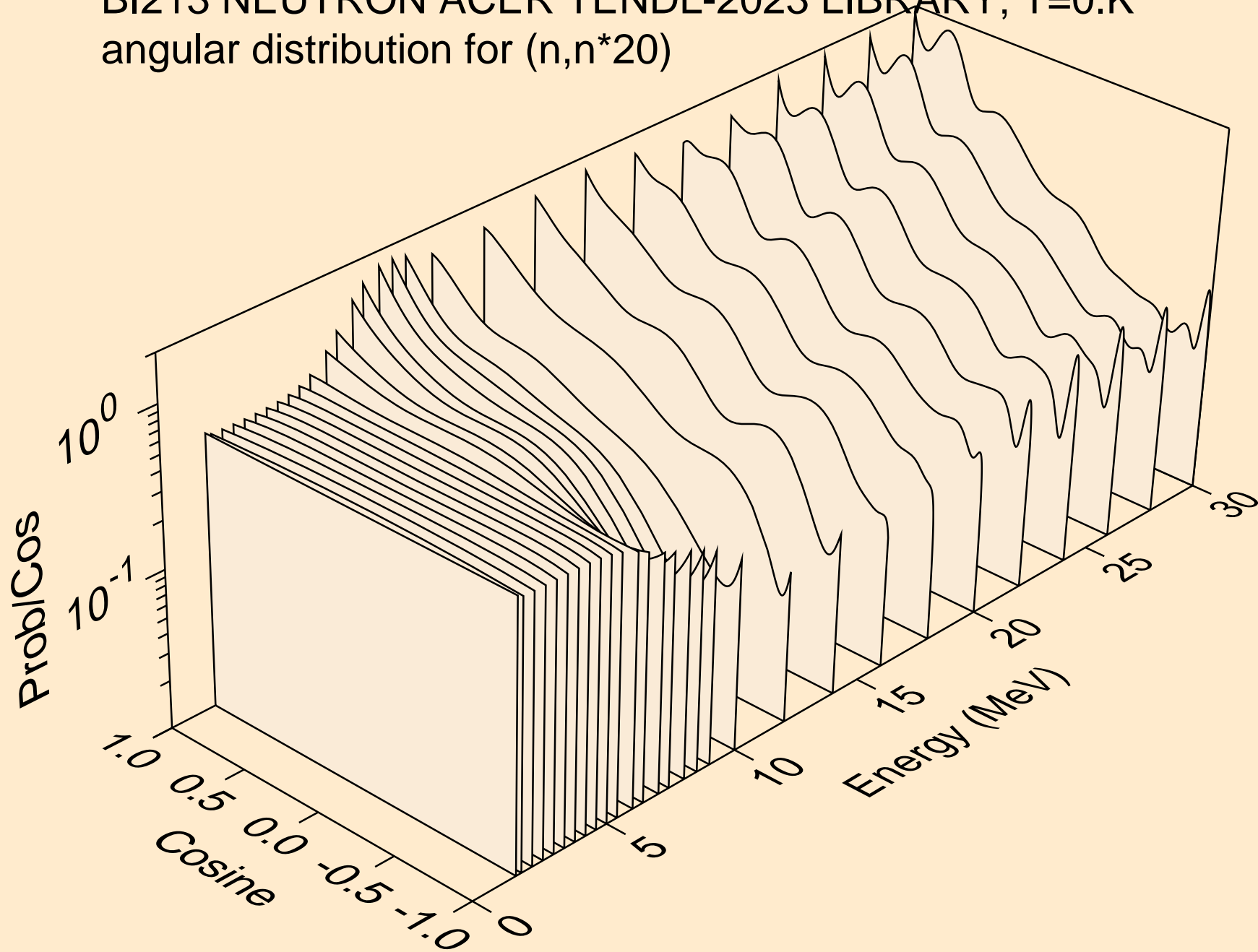


BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*19)

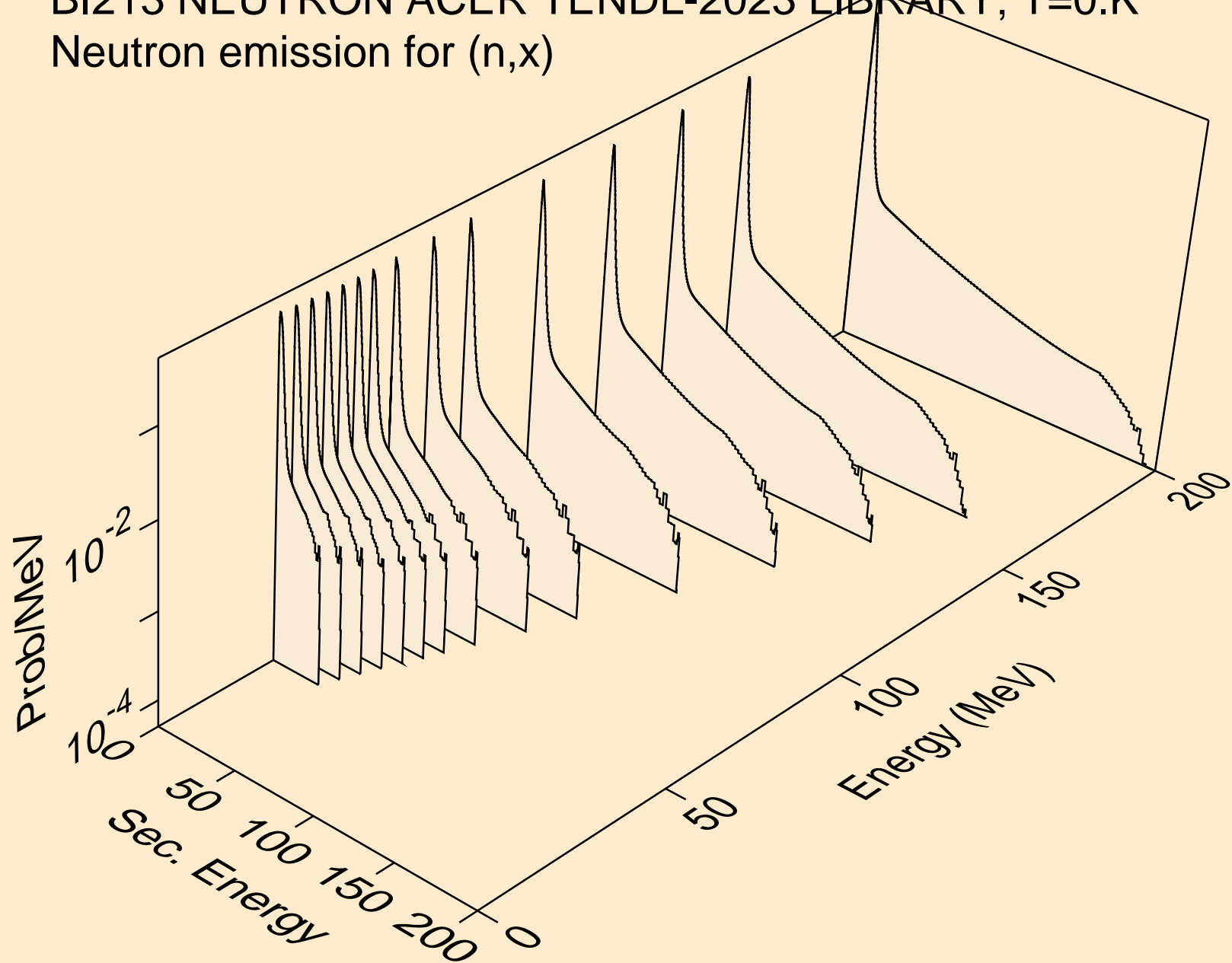




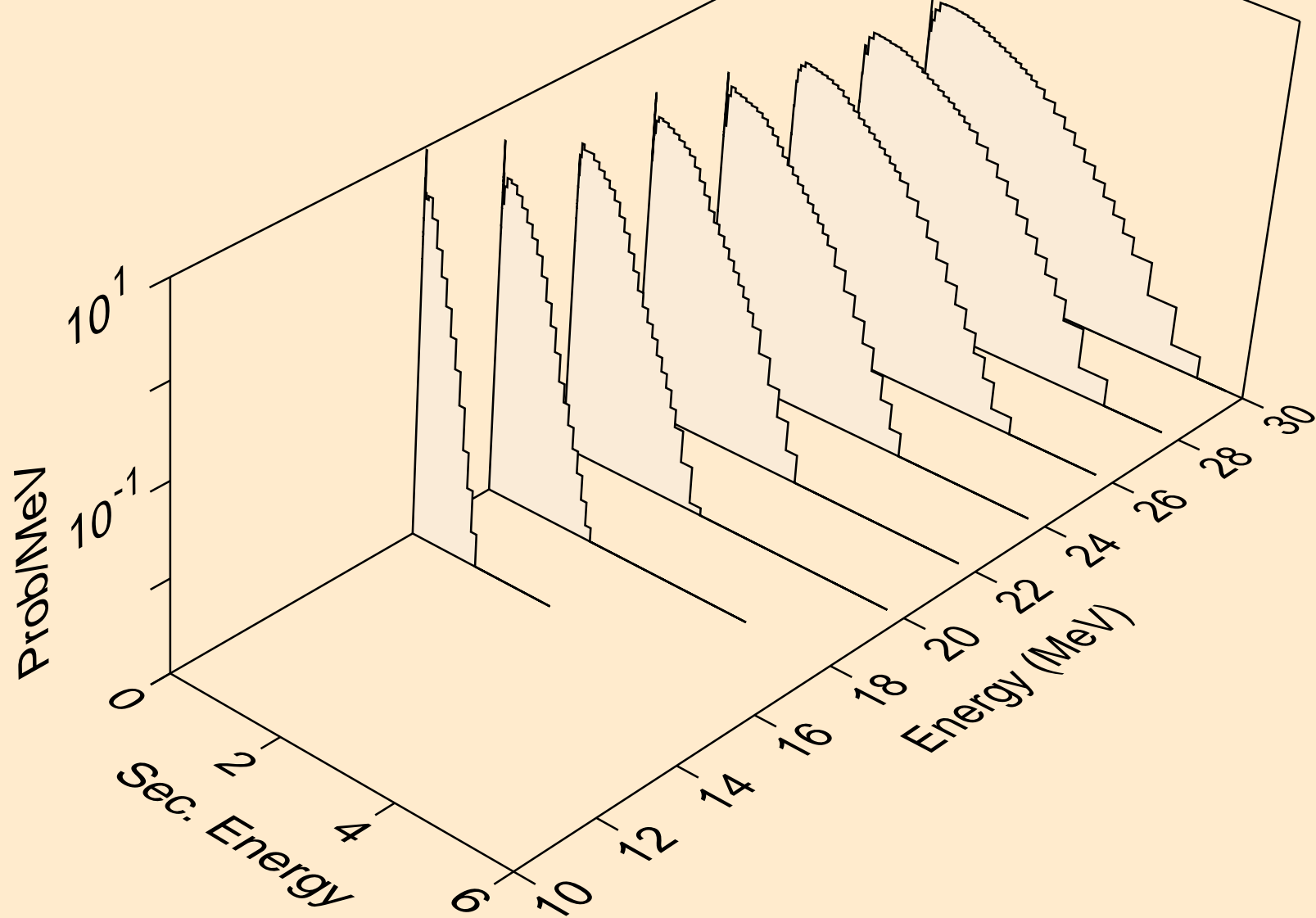
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



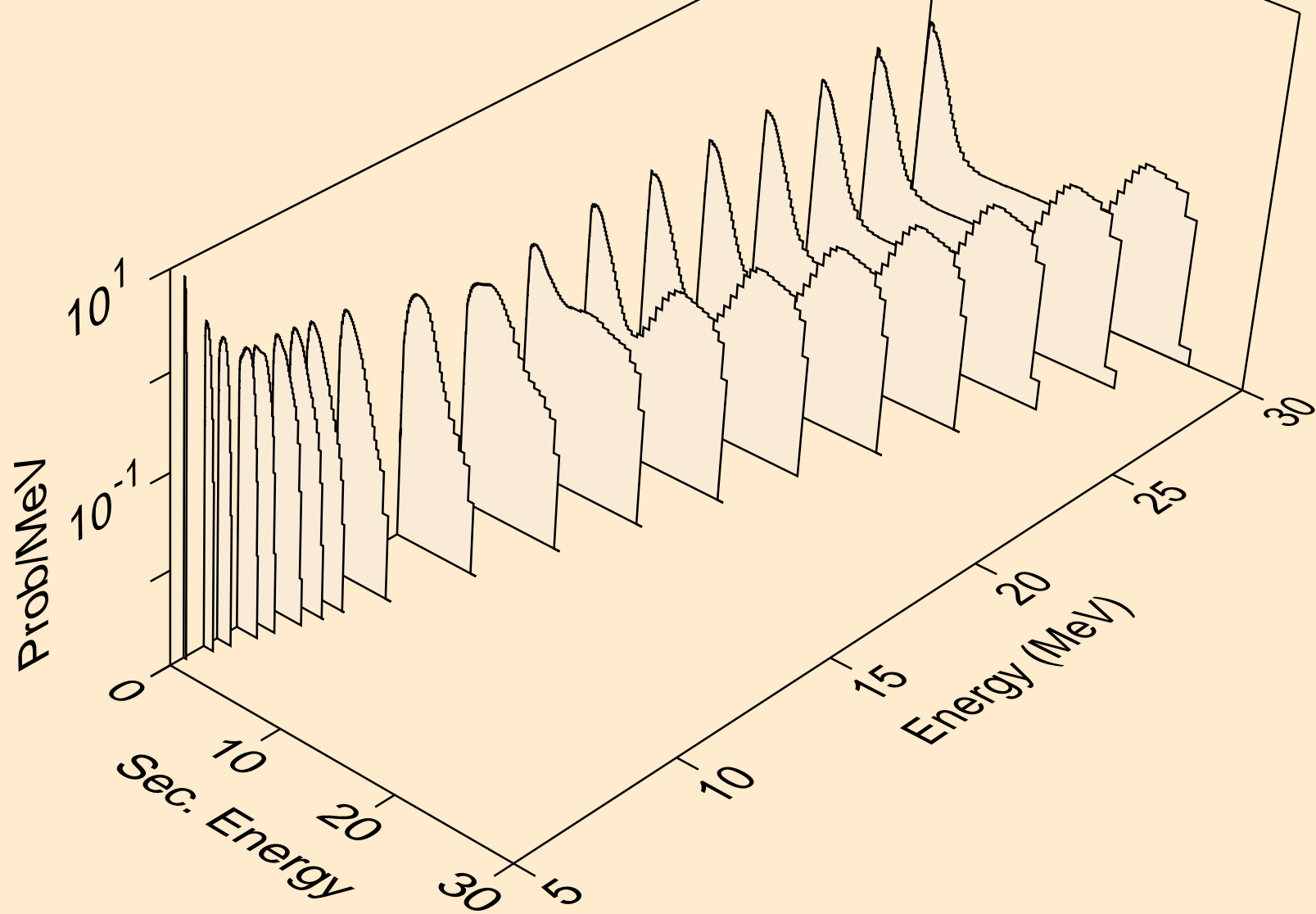
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



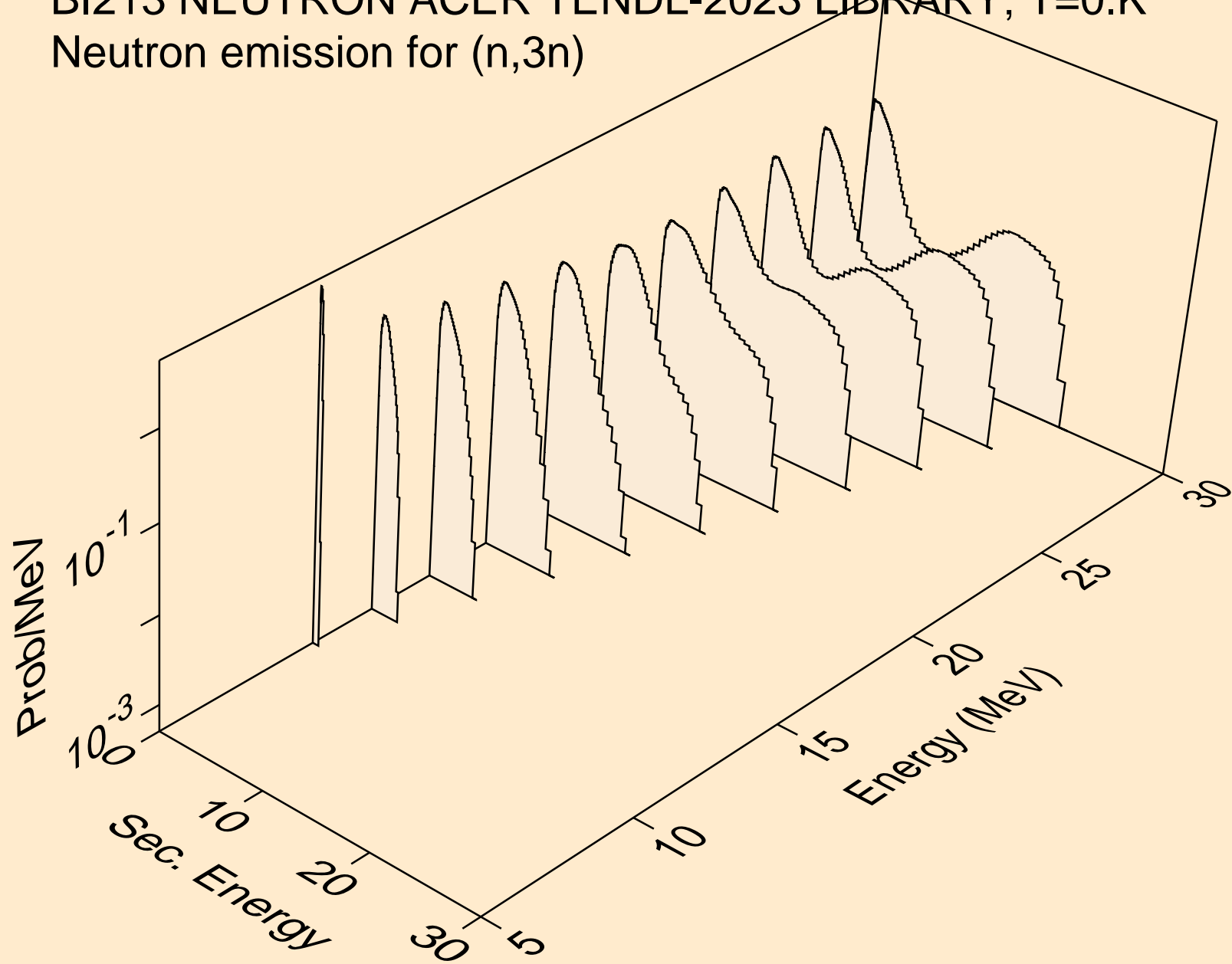
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



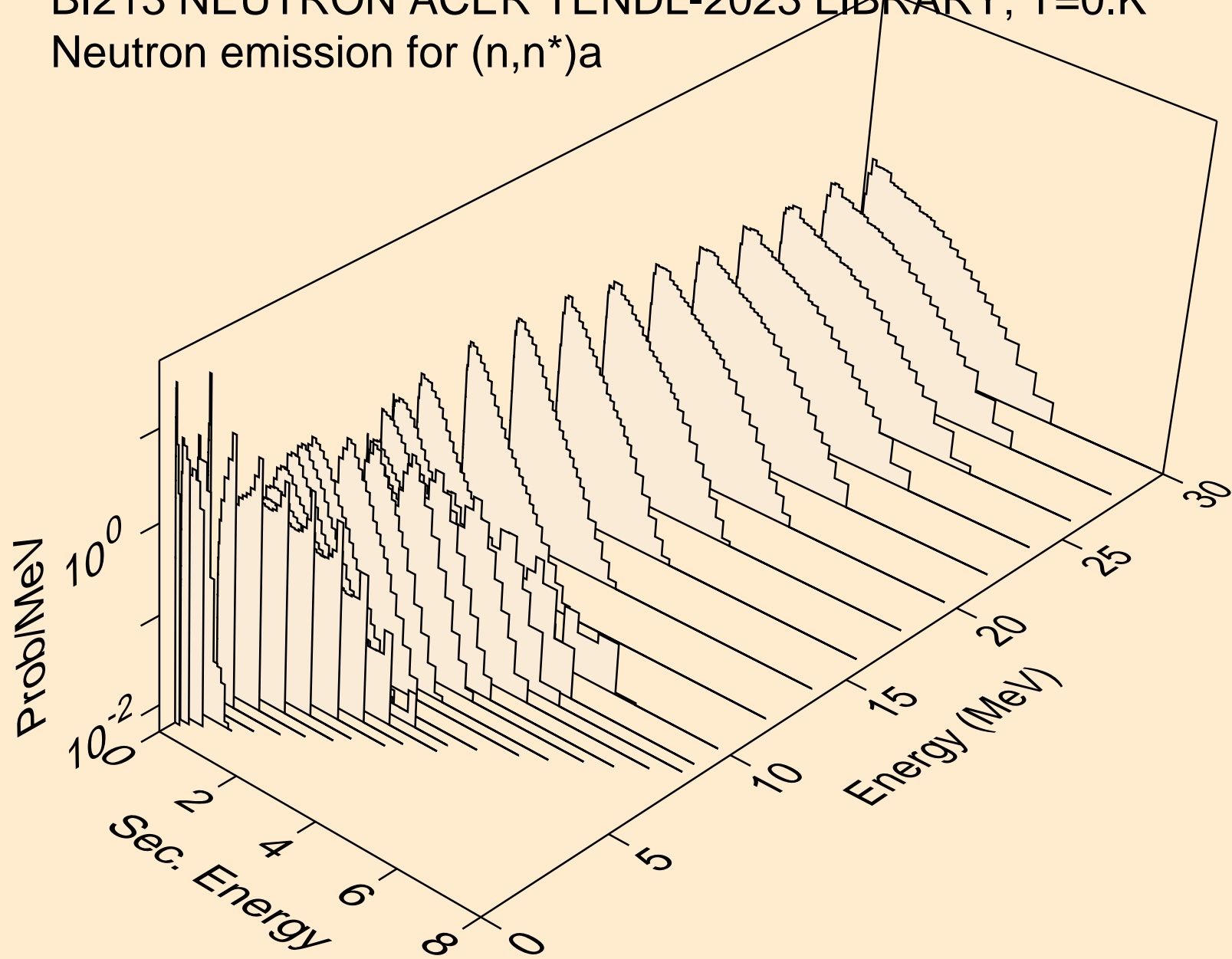
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)



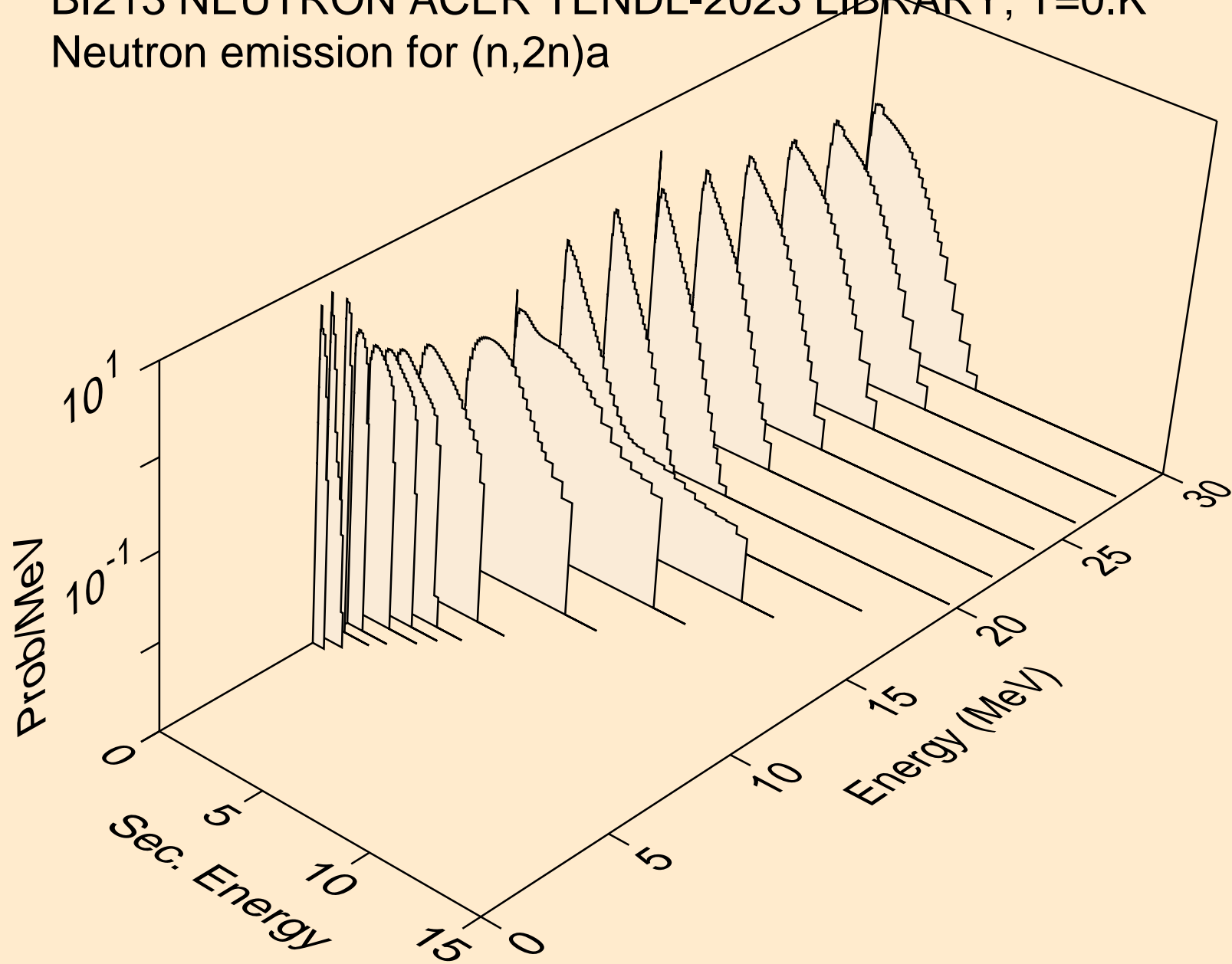
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)



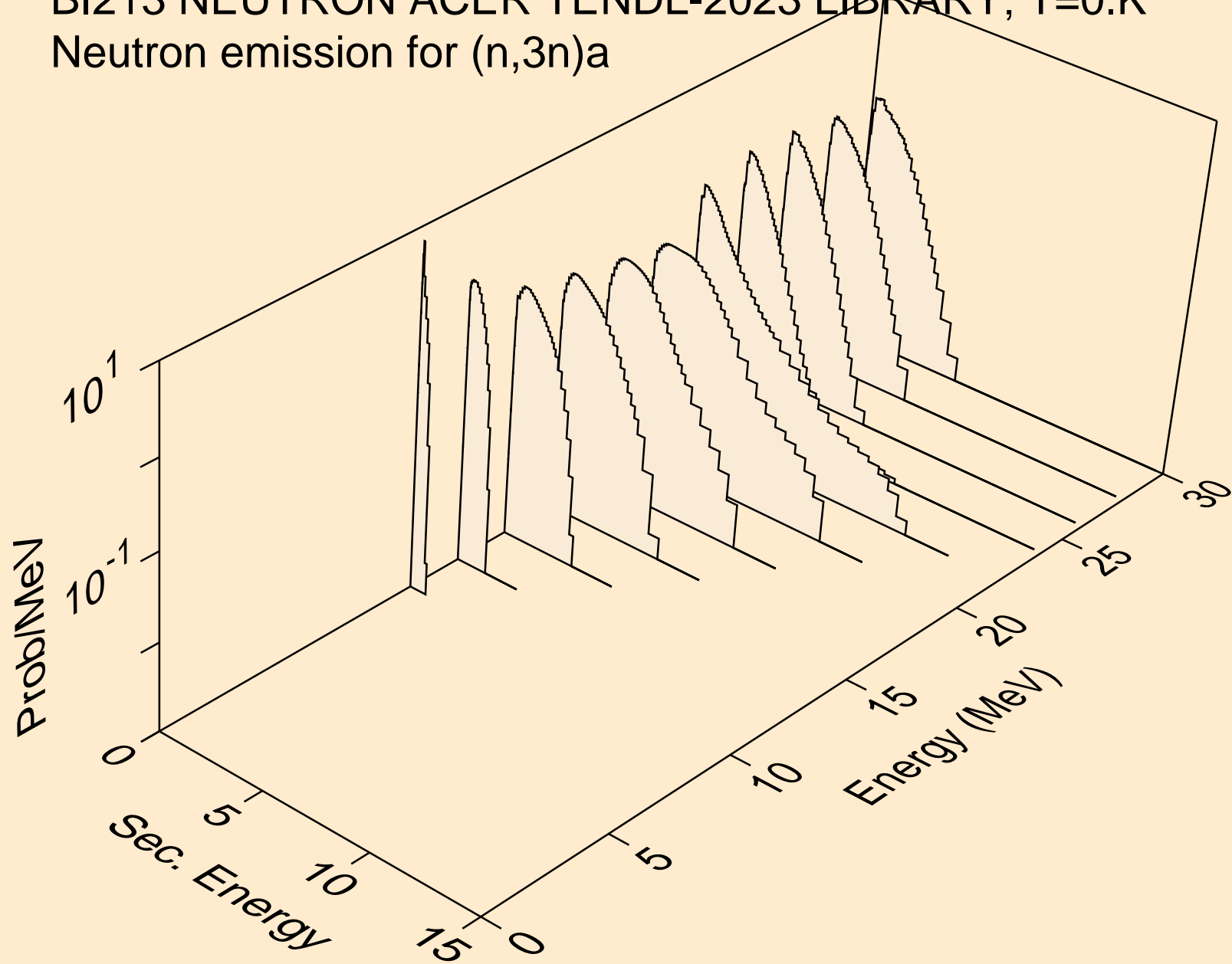
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a

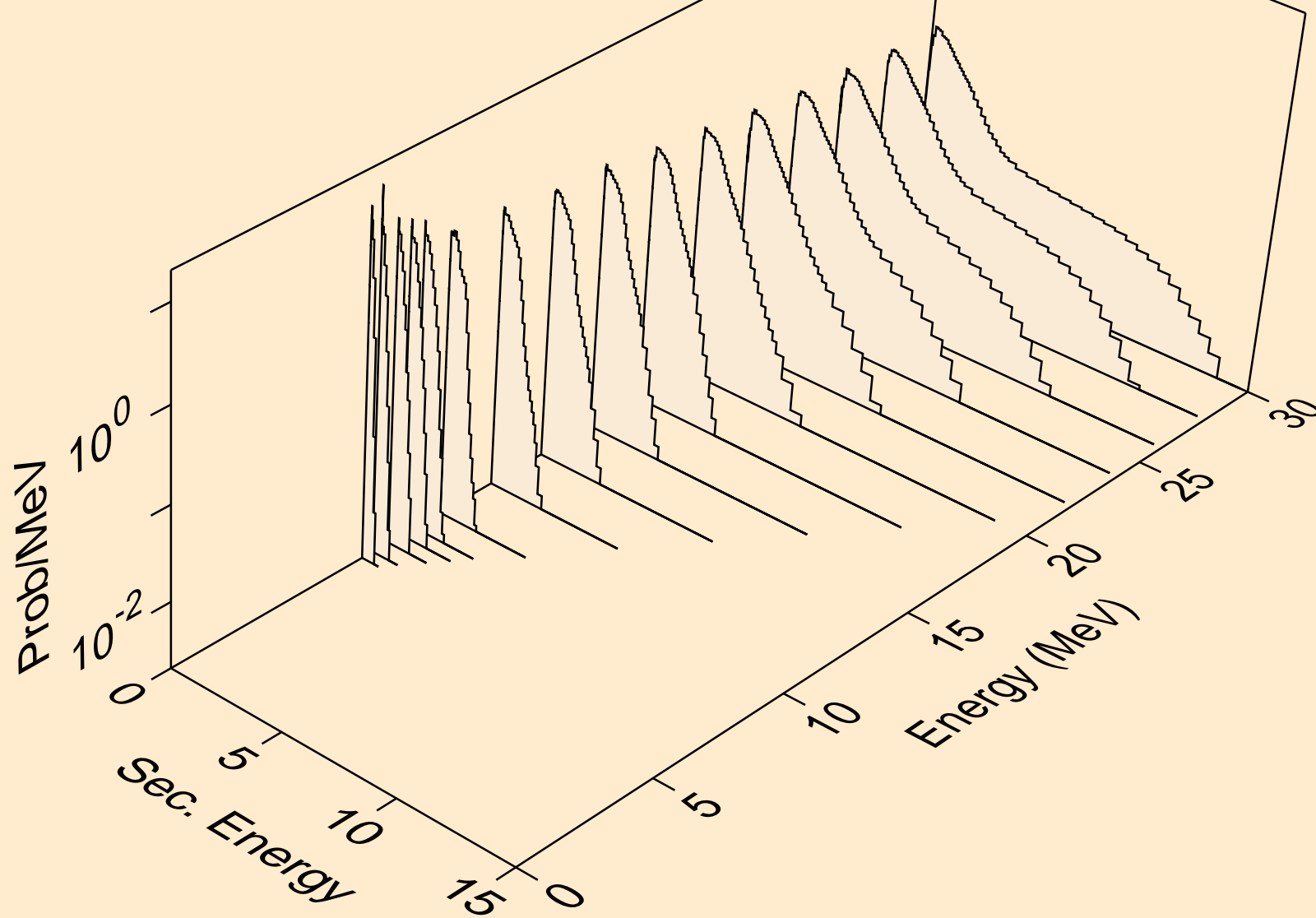


BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)a

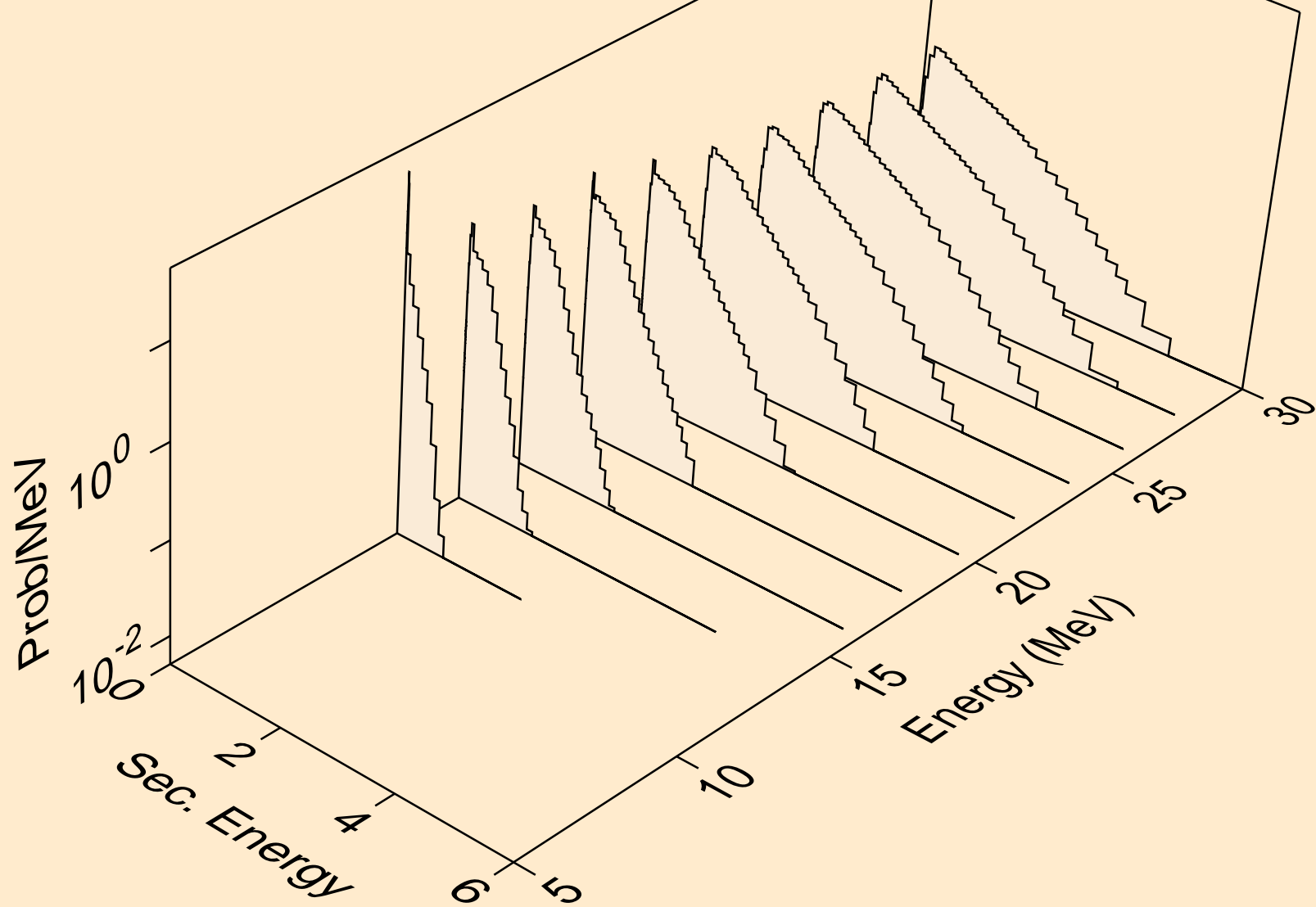




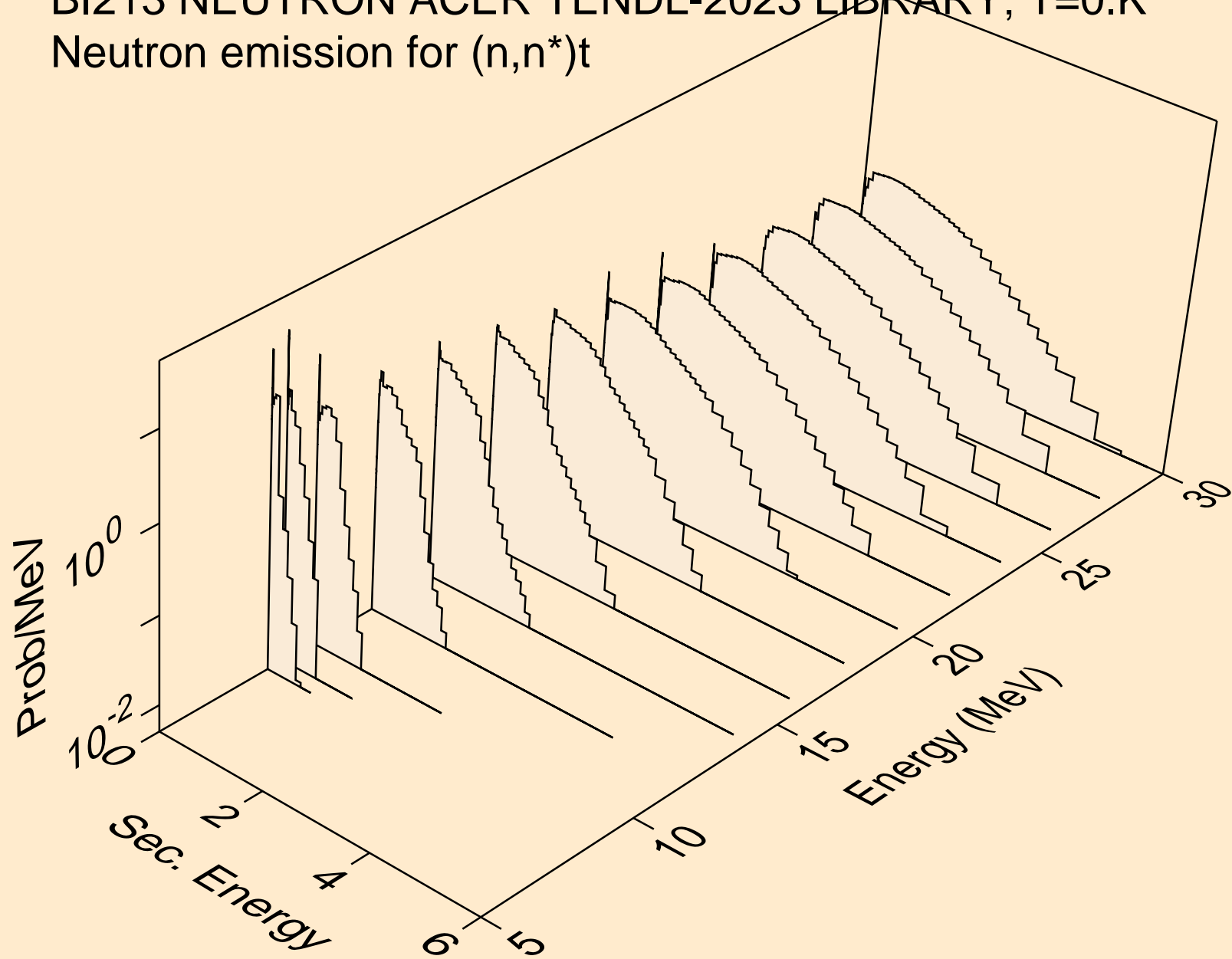
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



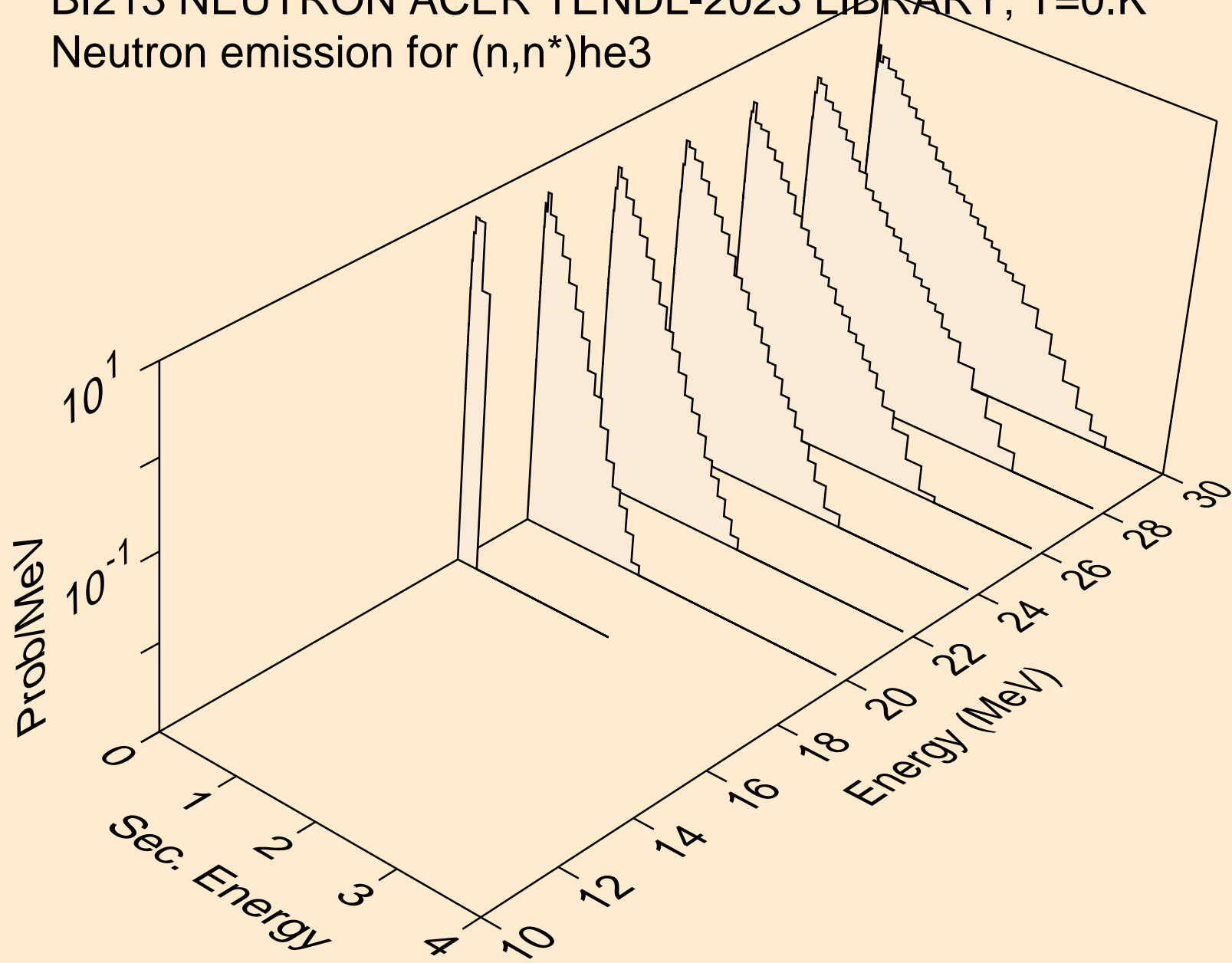
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



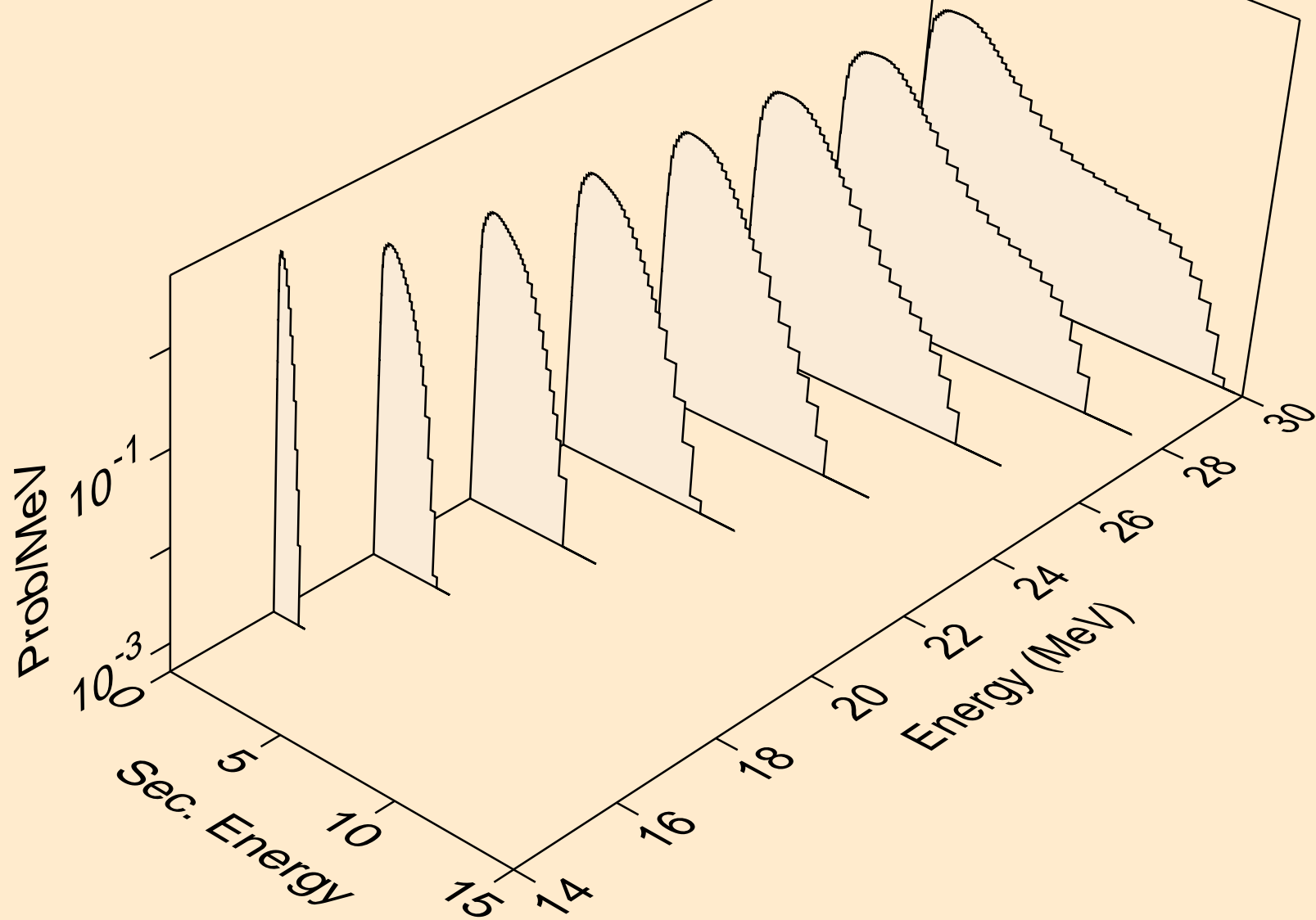
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



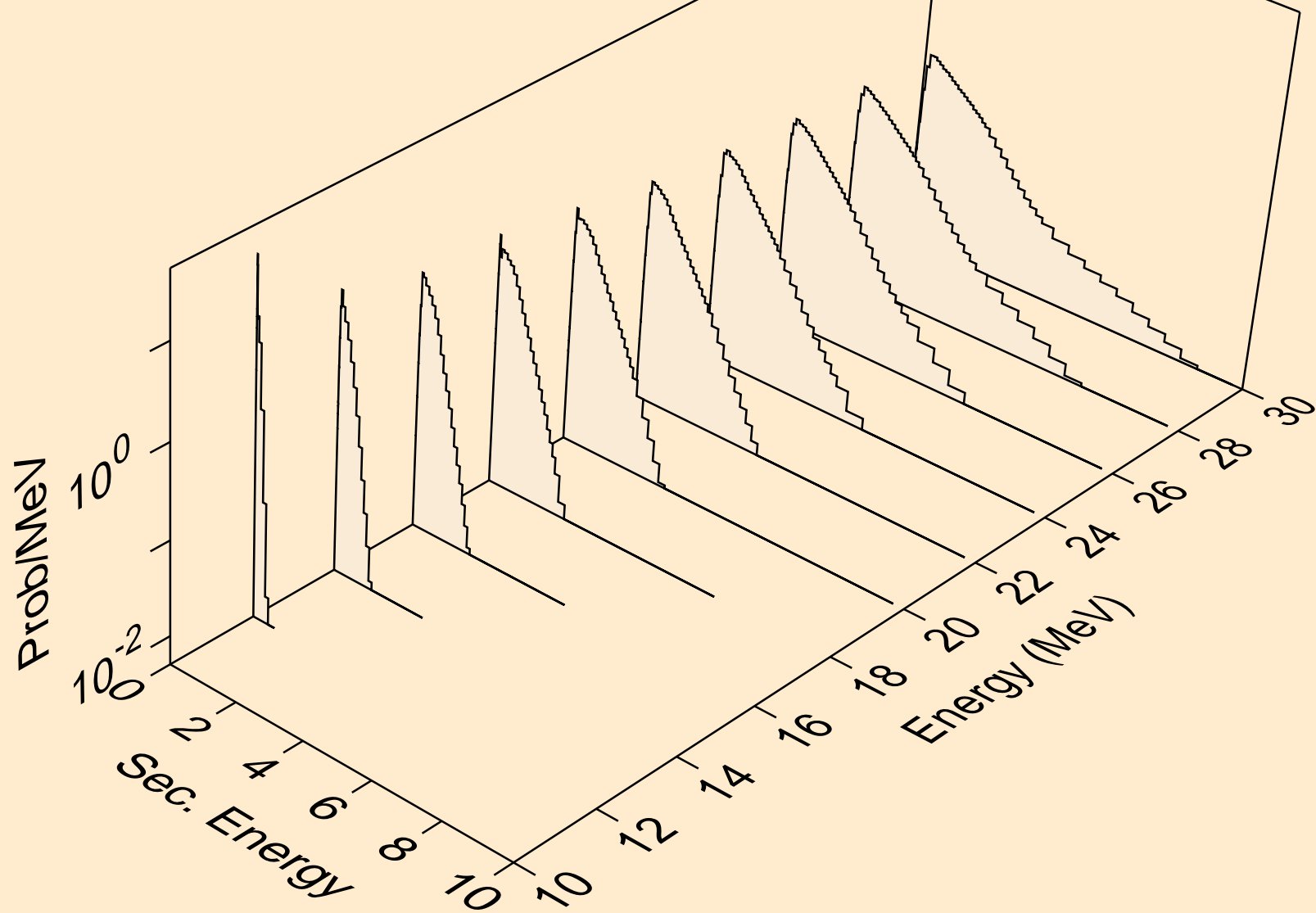
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



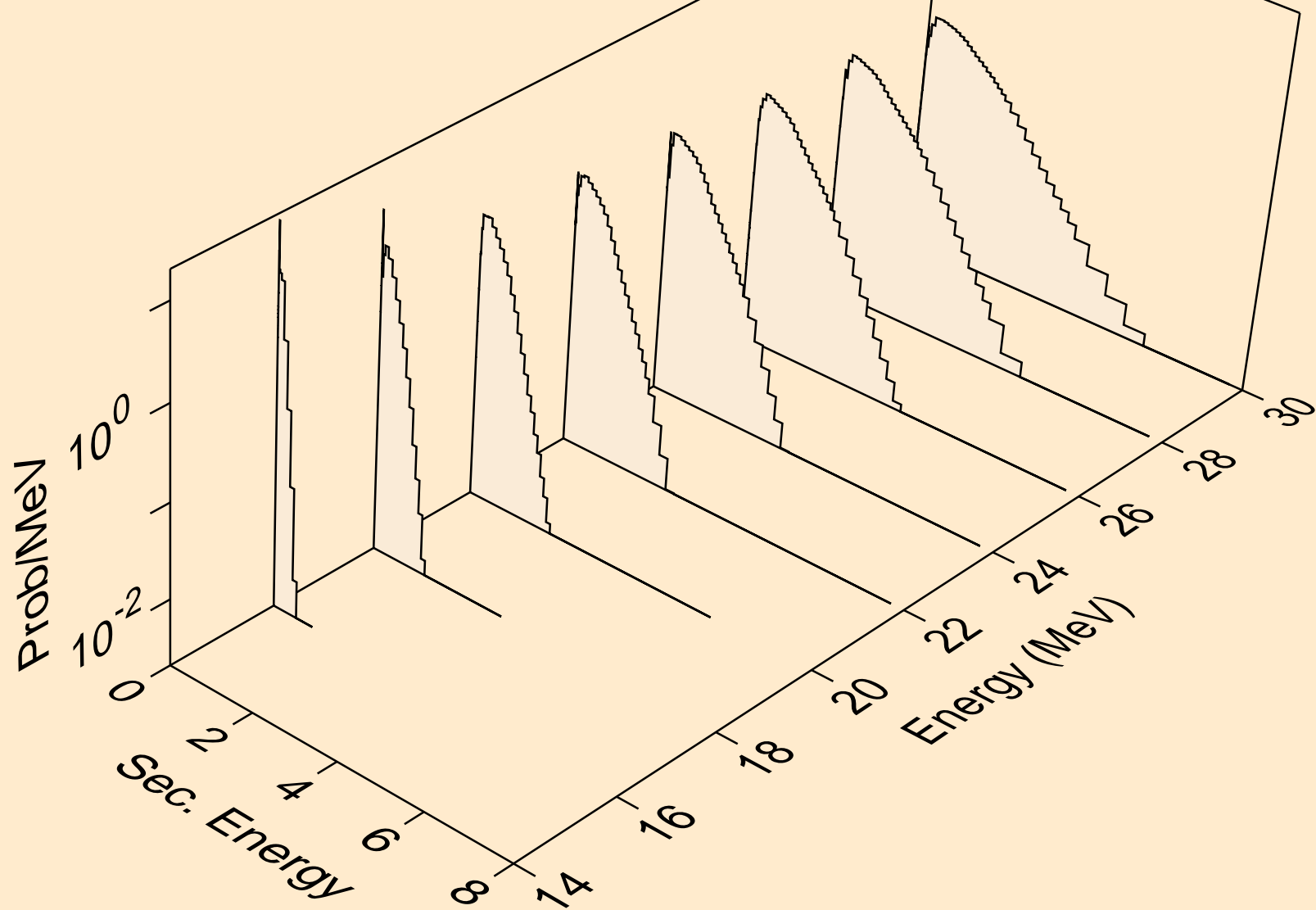
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)



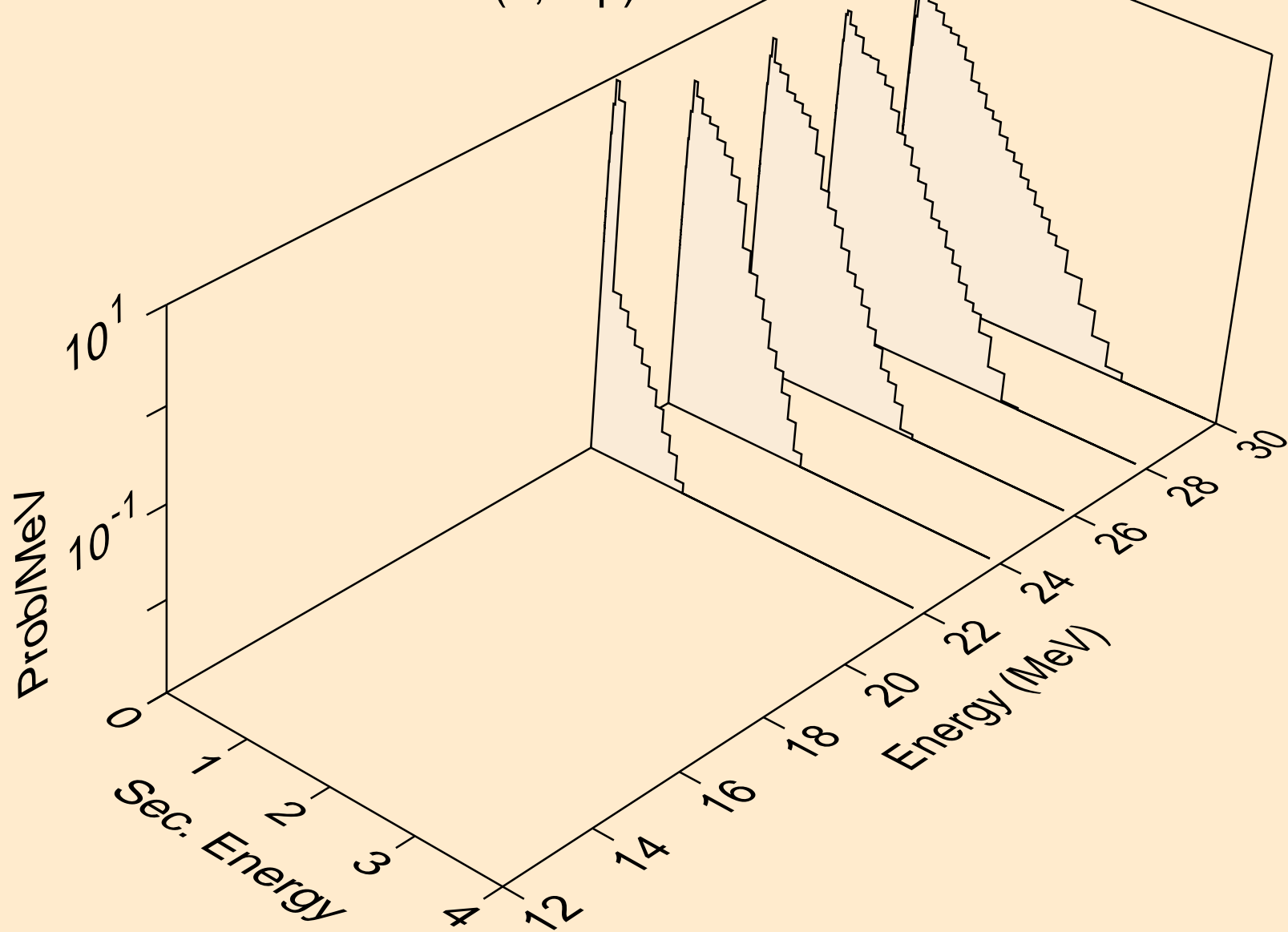
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)



BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3np)

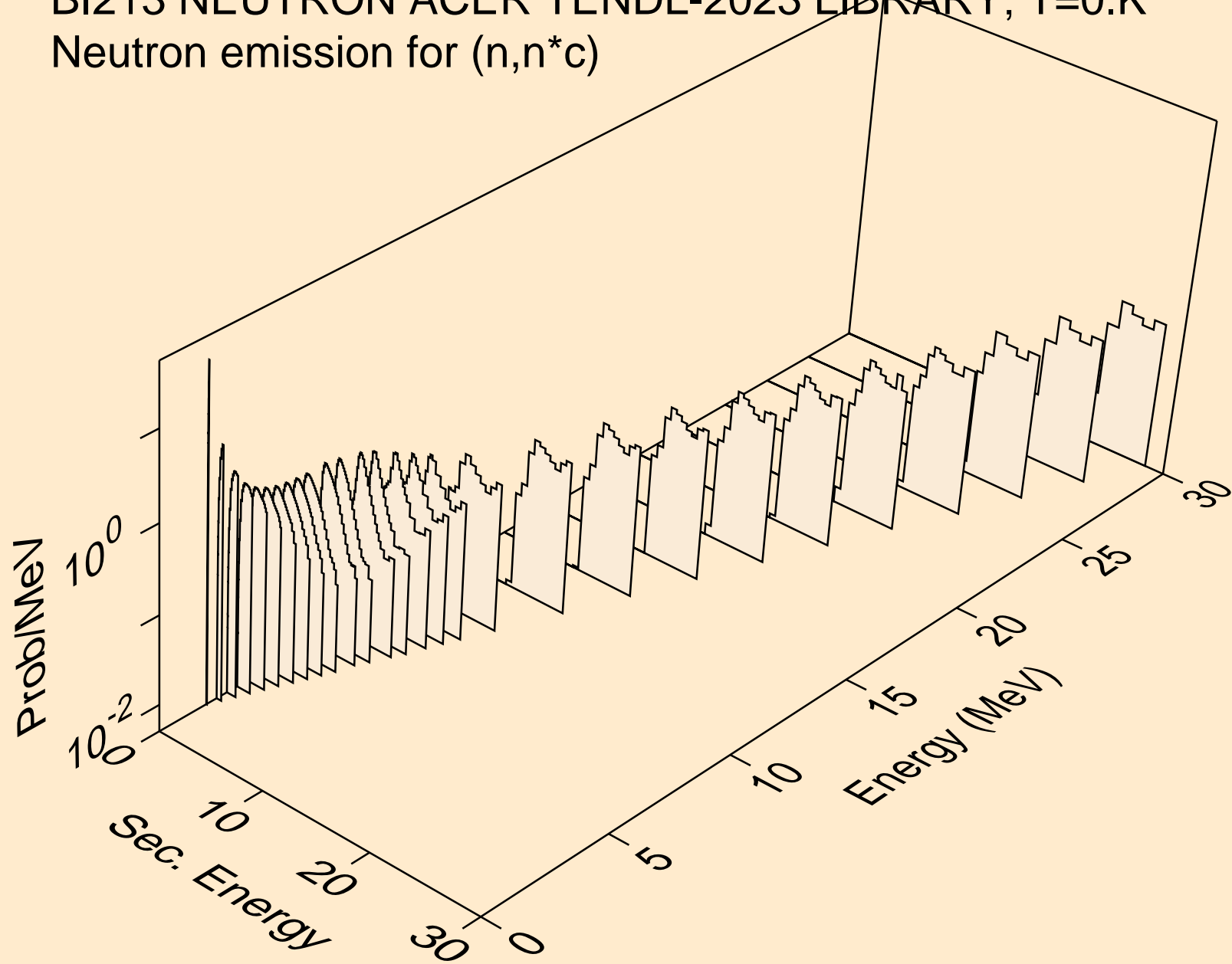


BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)

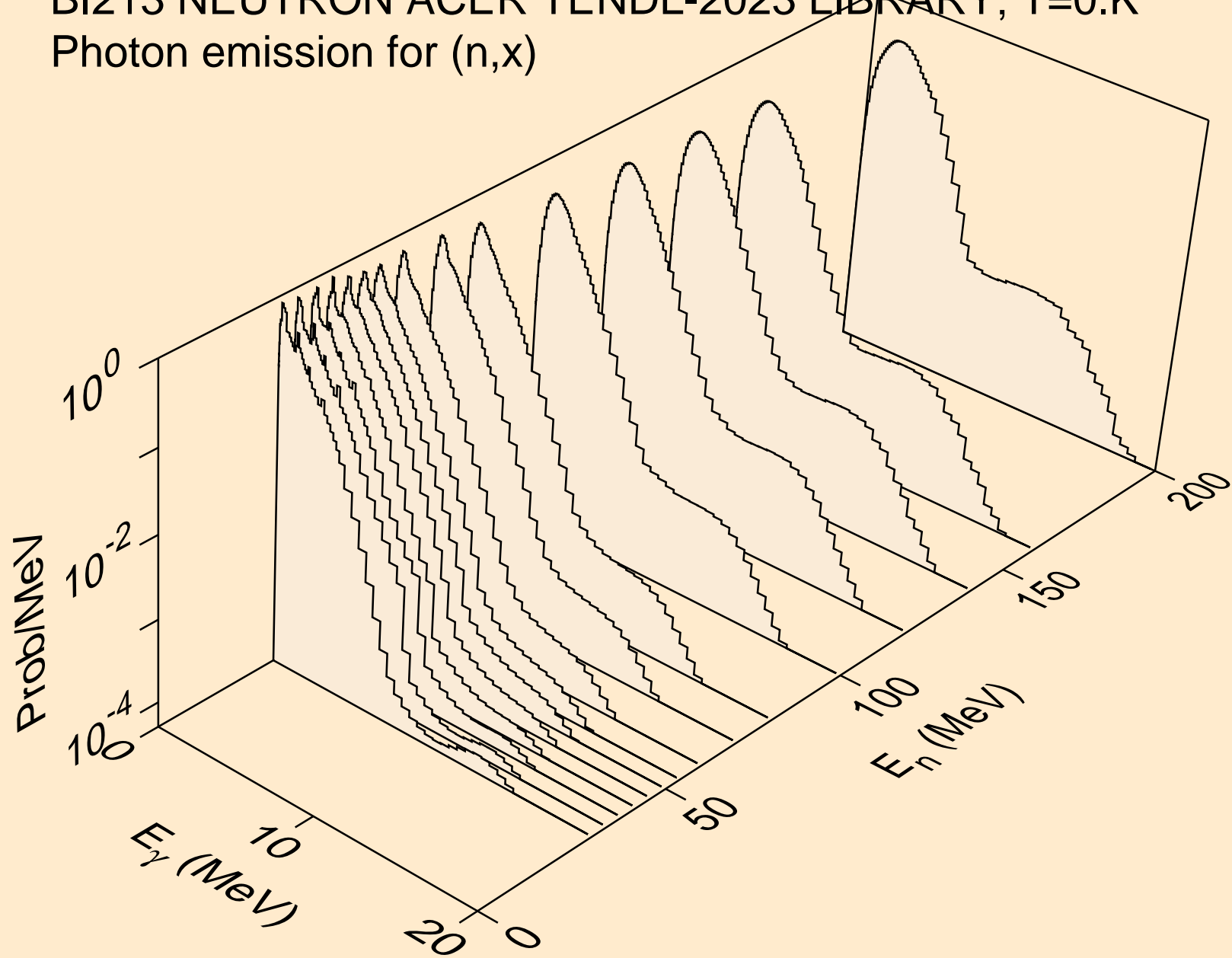




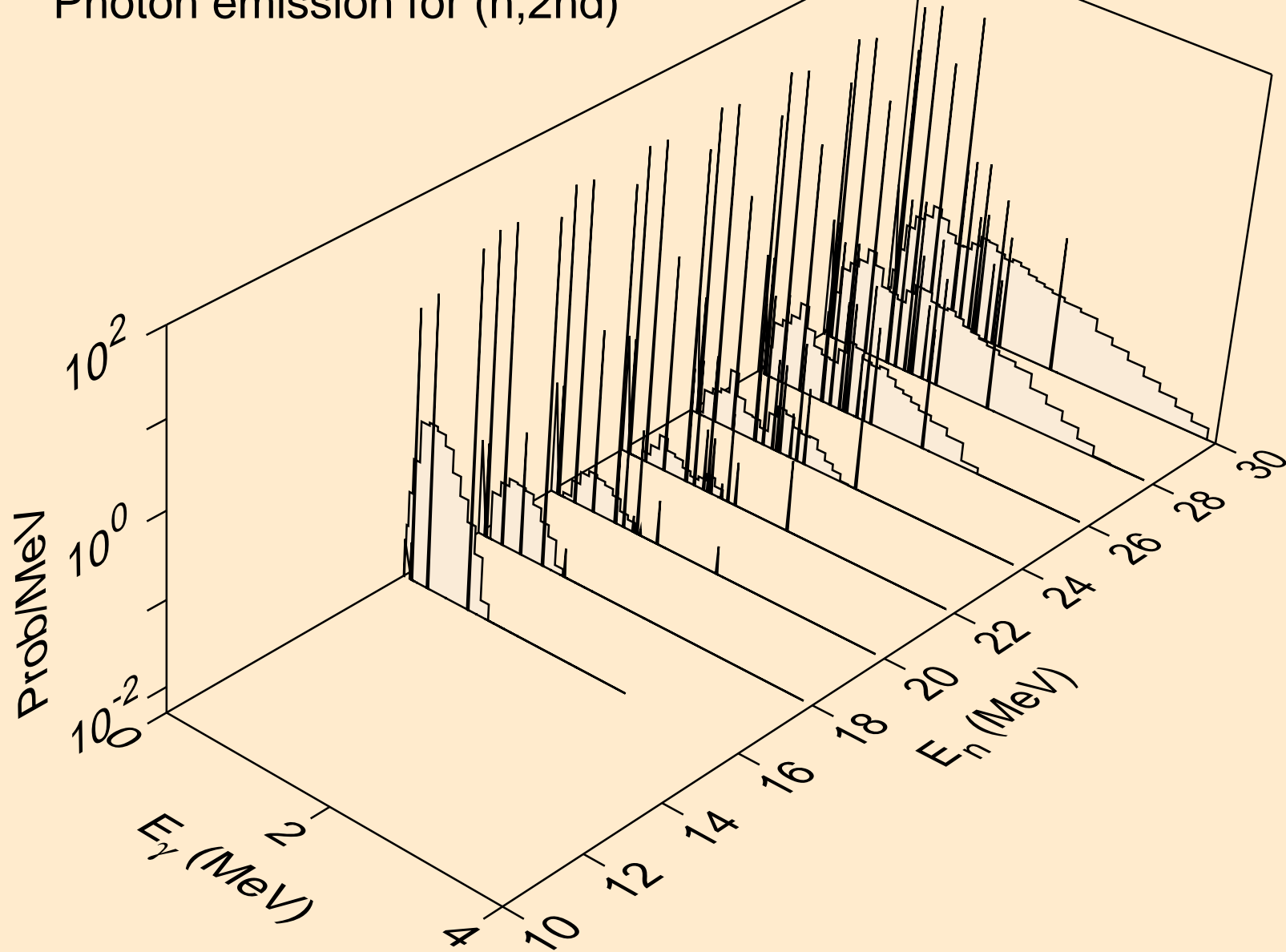
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



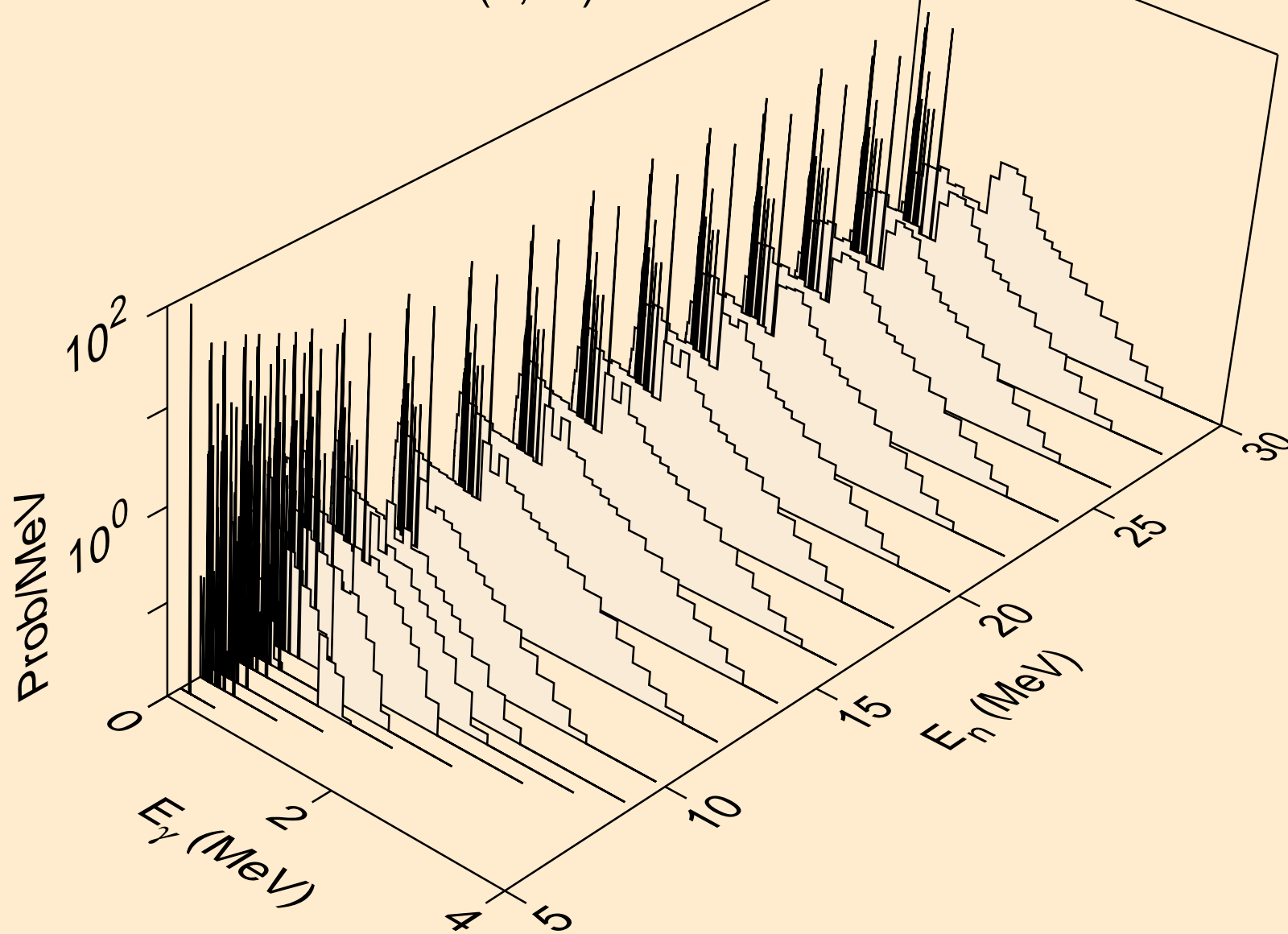
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



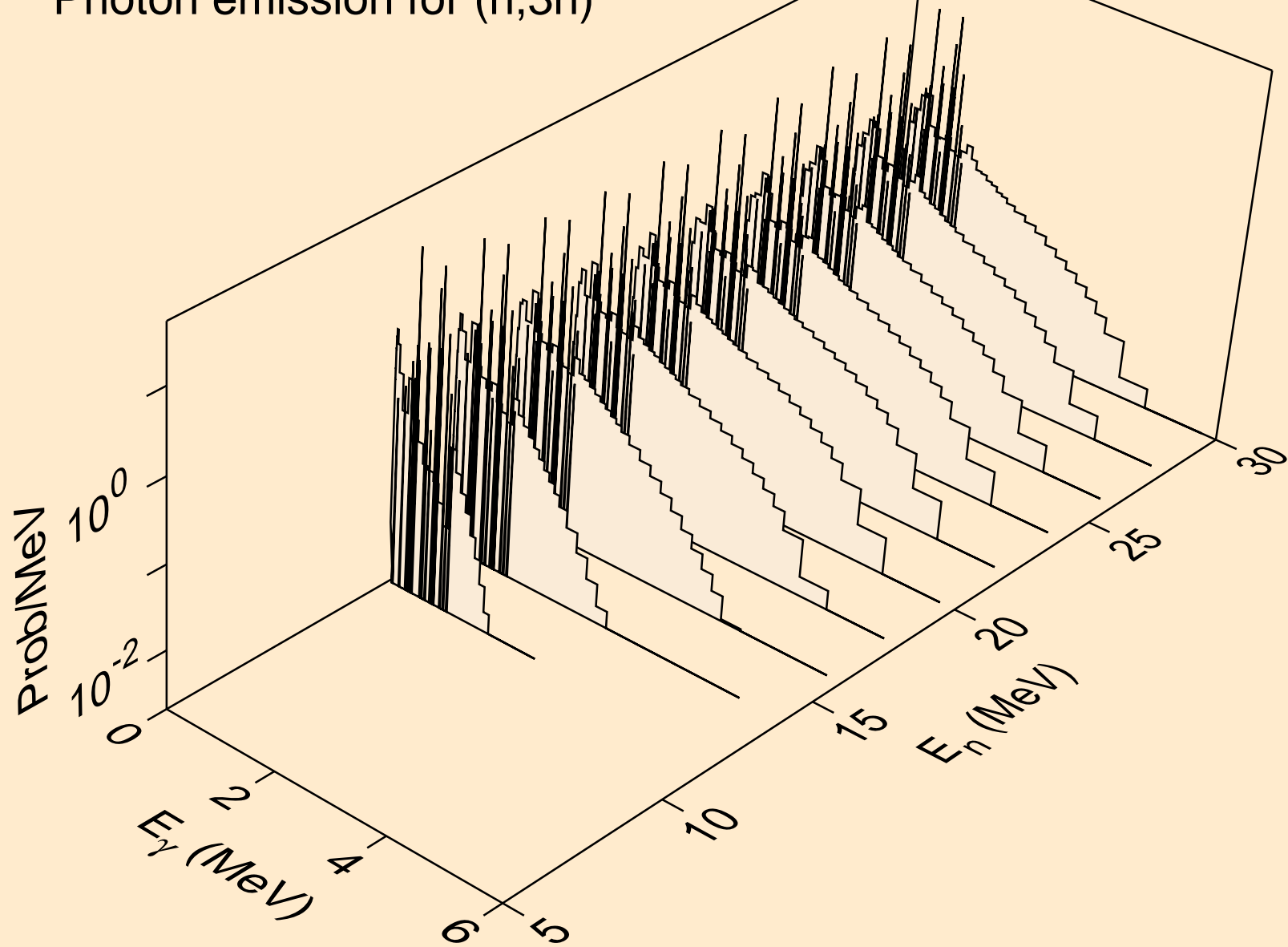
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



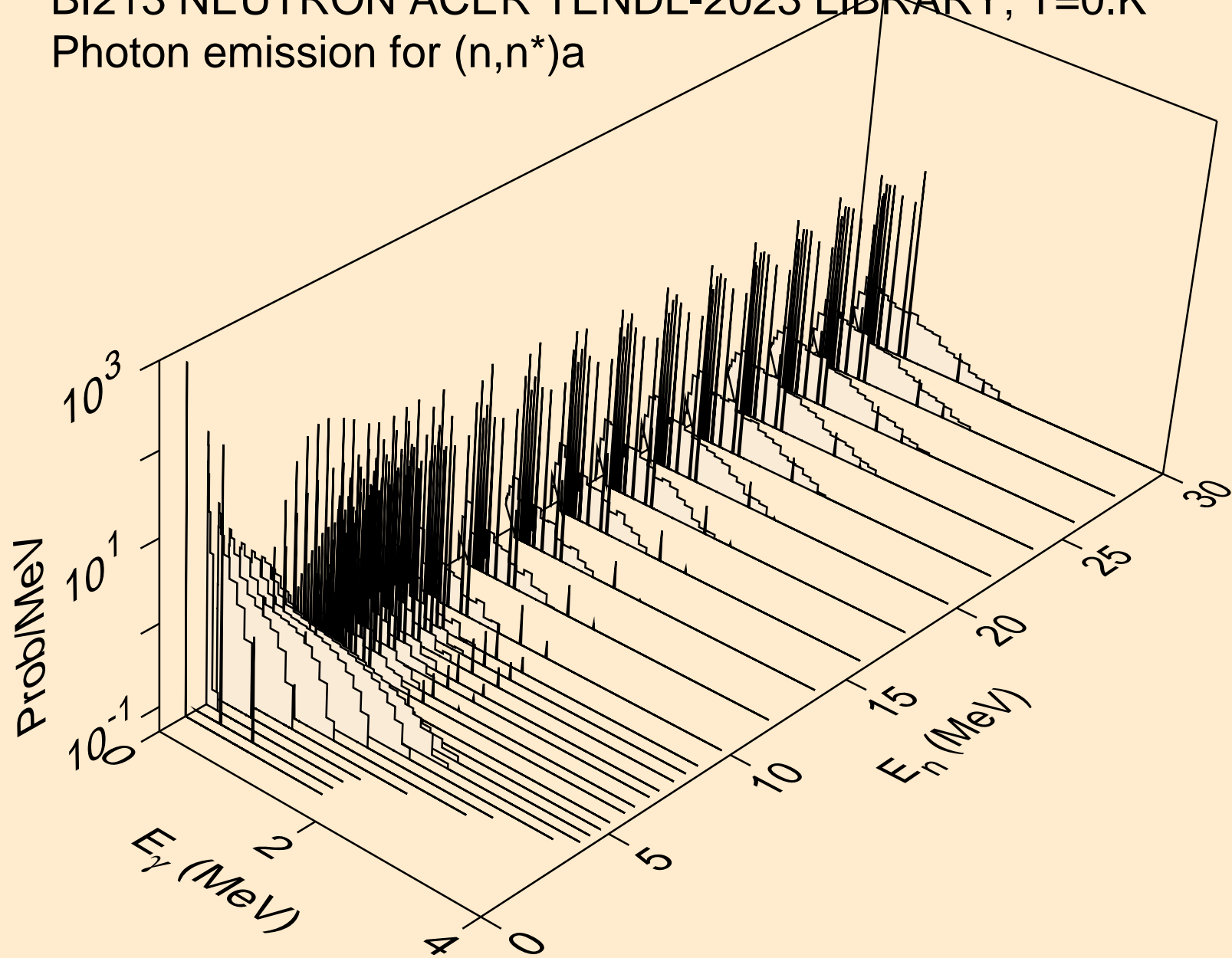
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



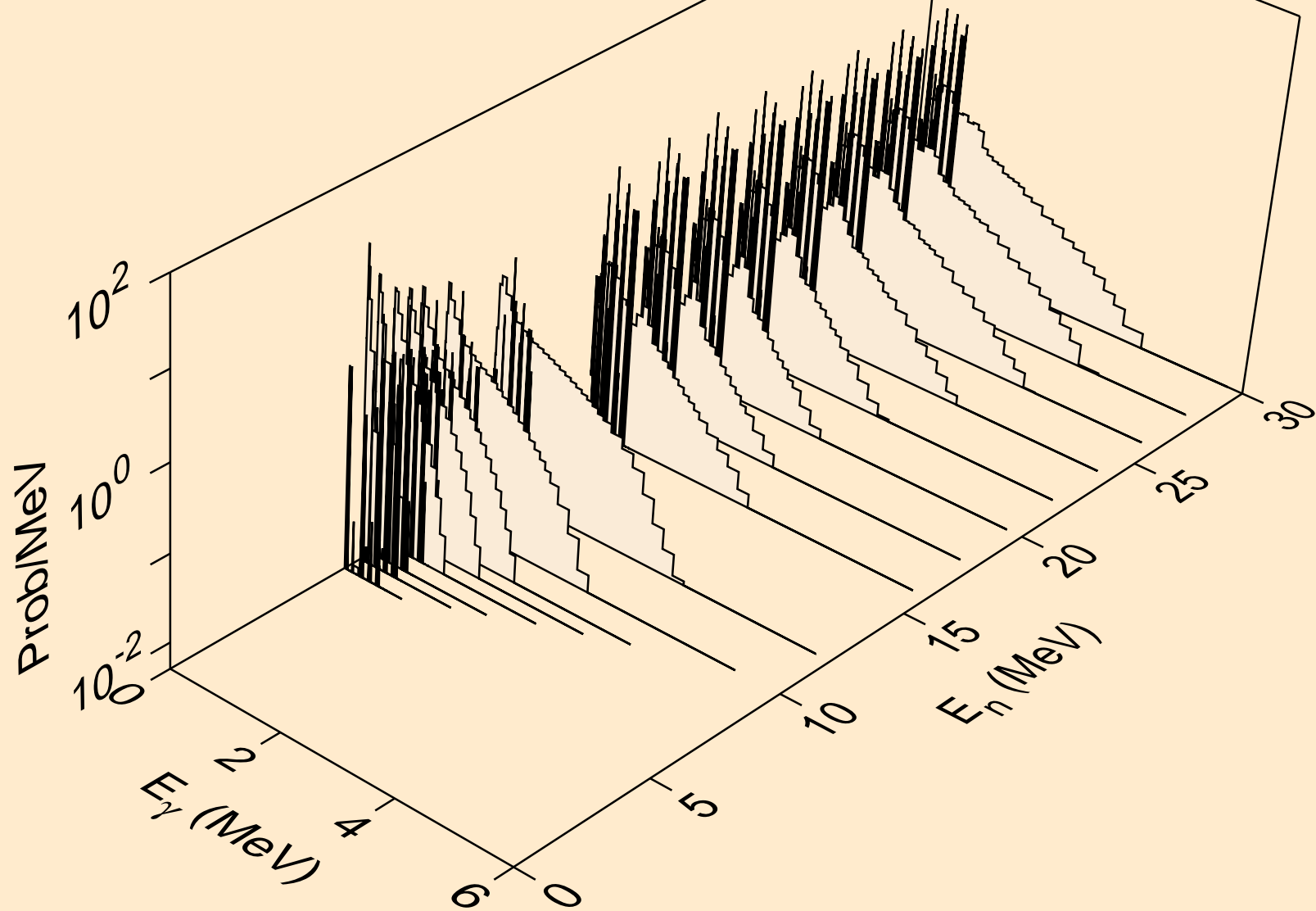
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



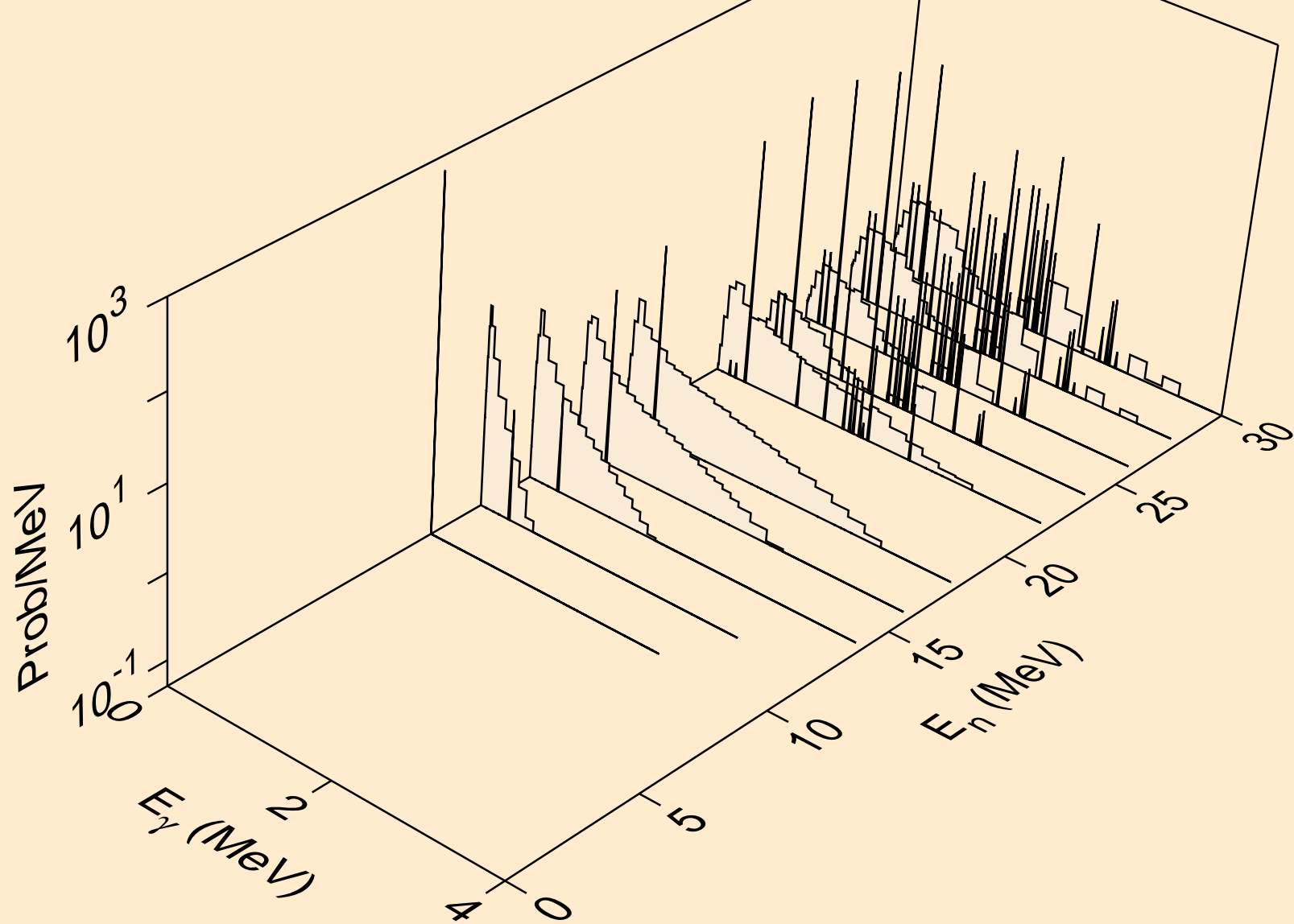
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

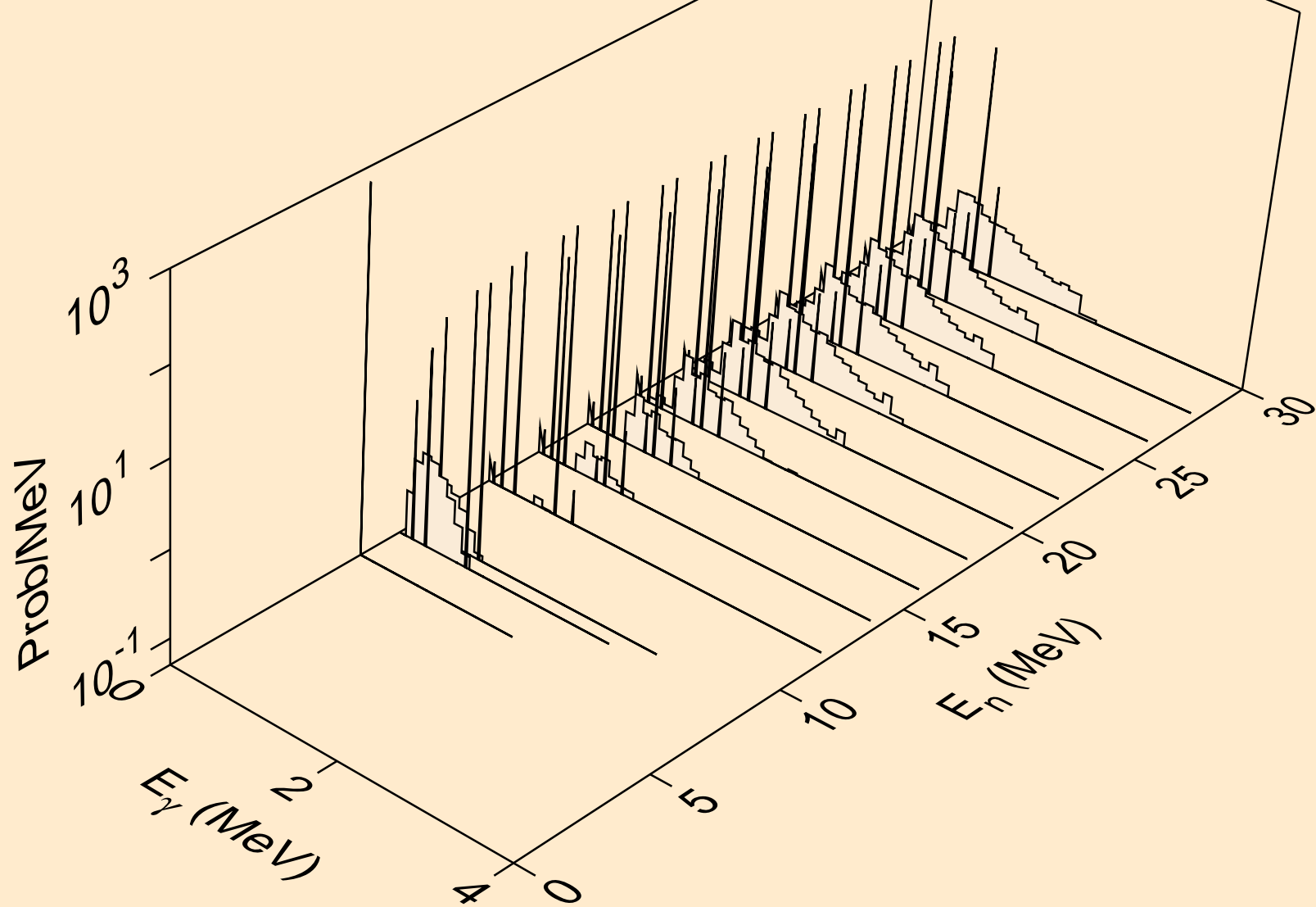


BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a

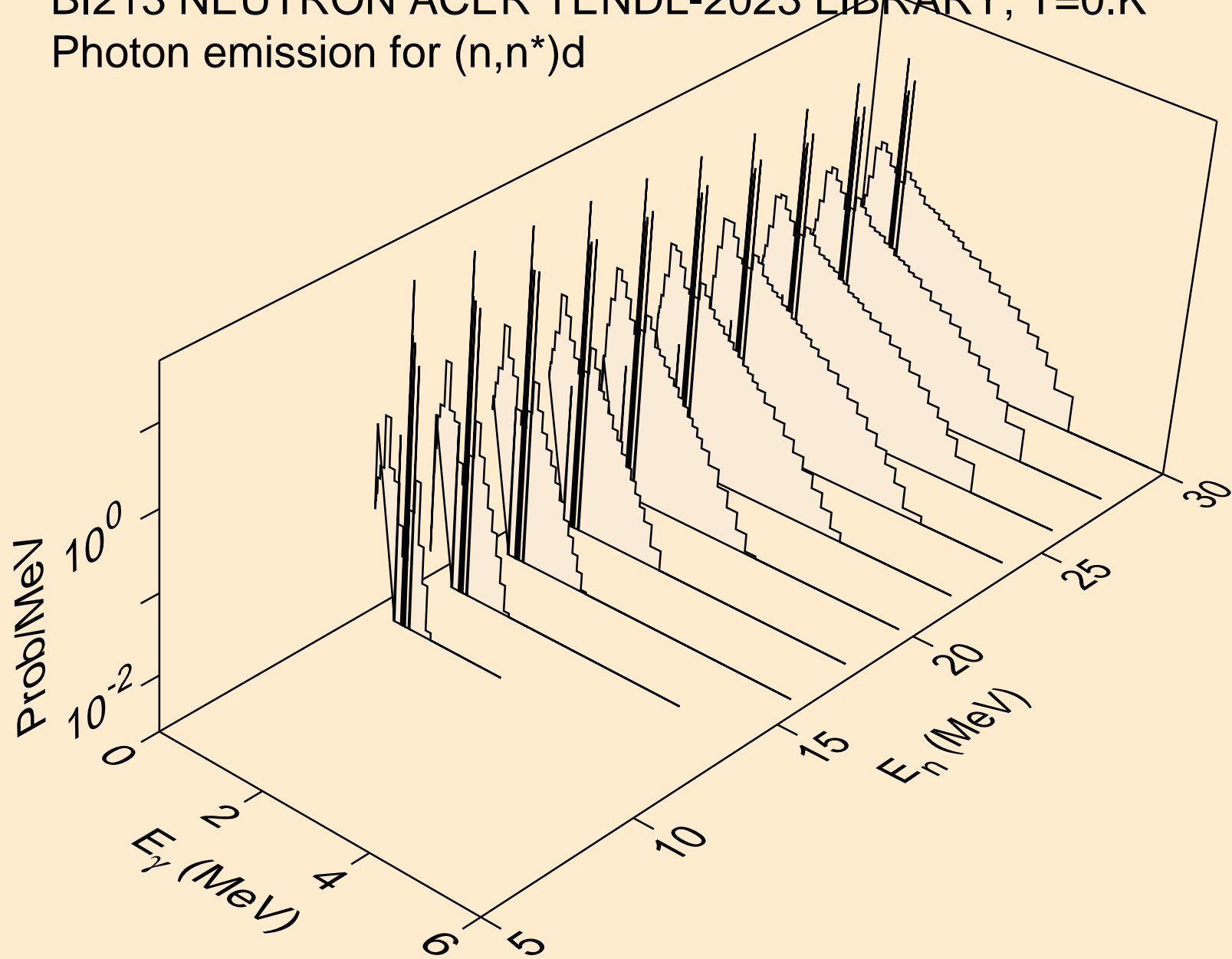




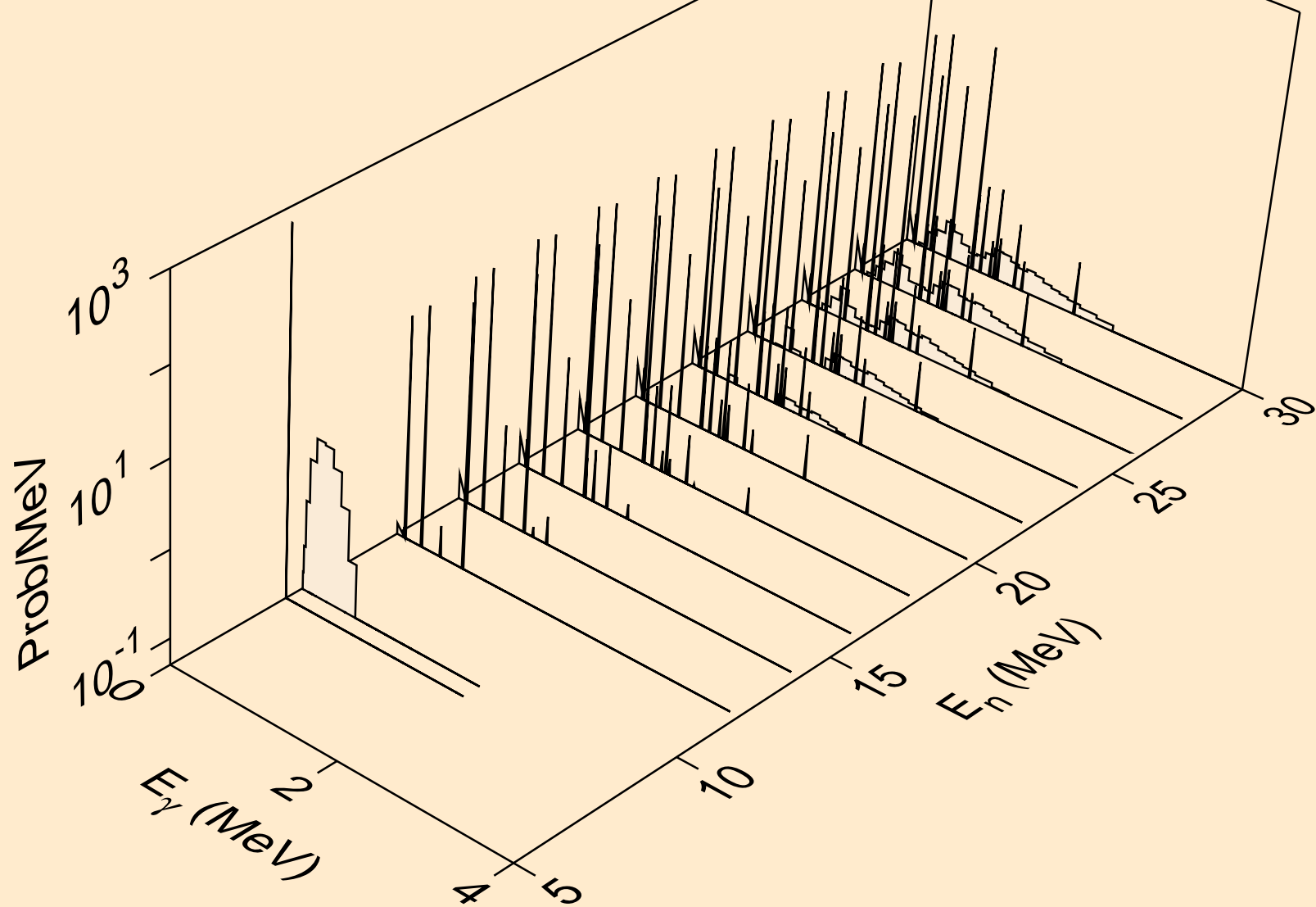
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



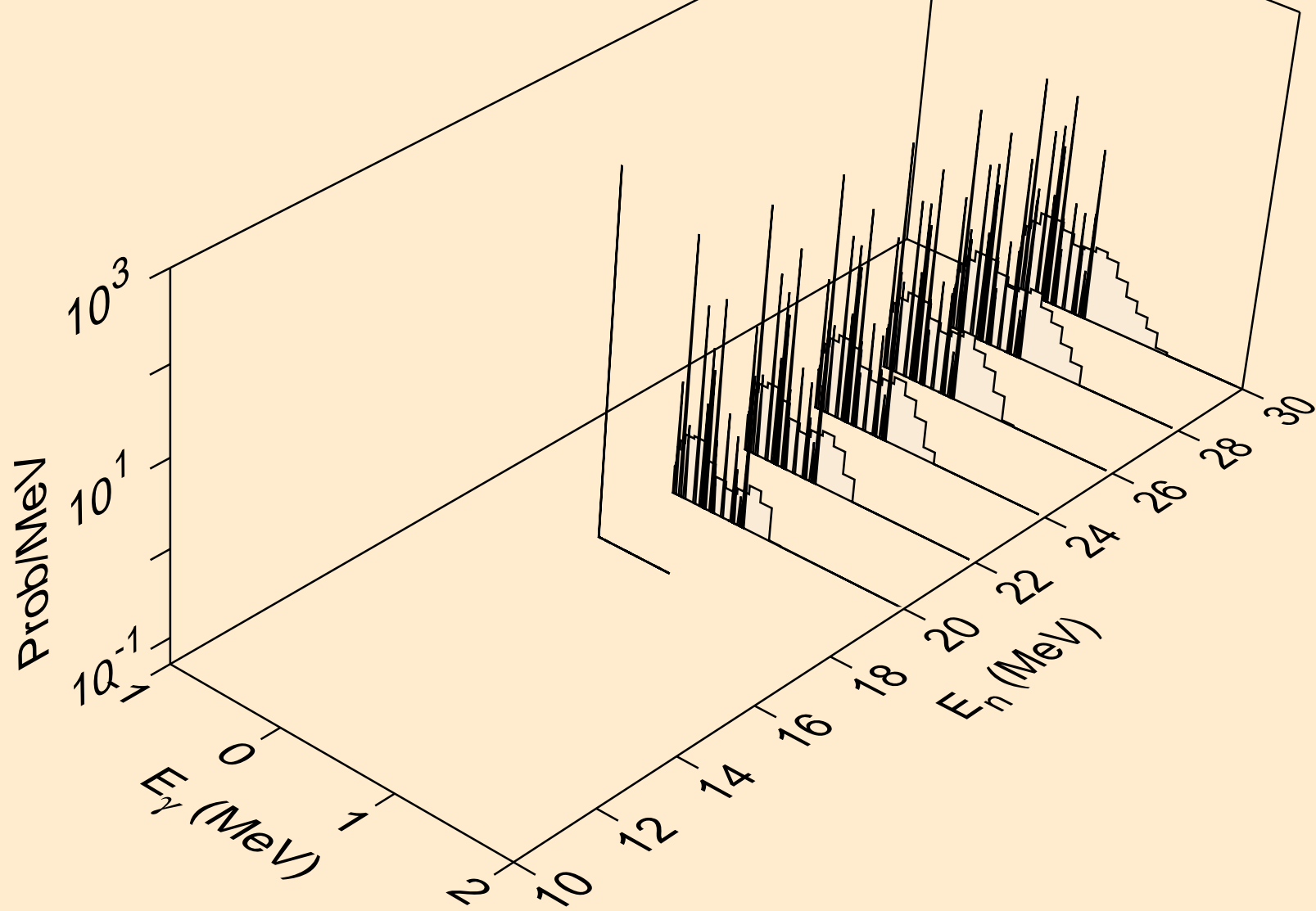
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



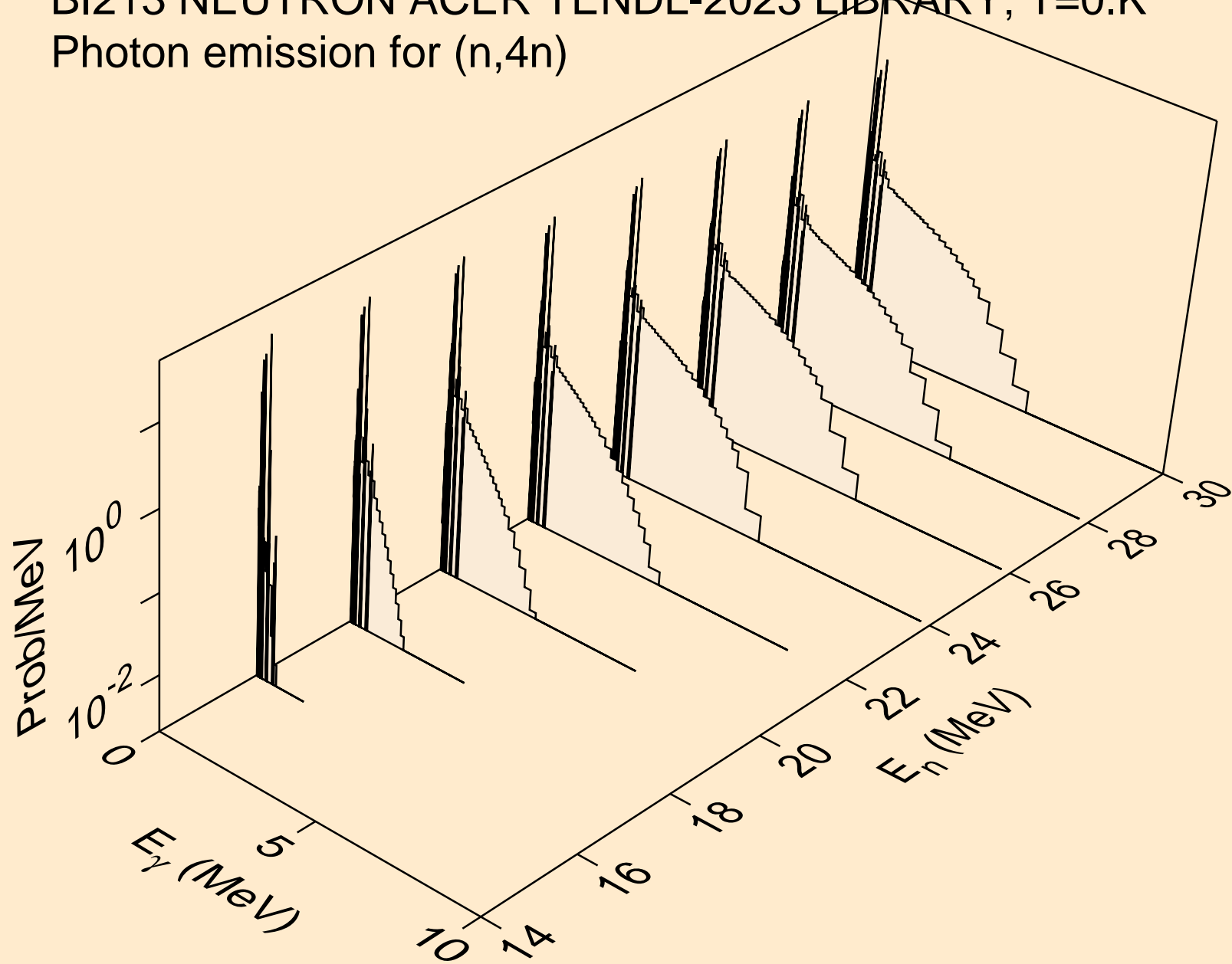
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



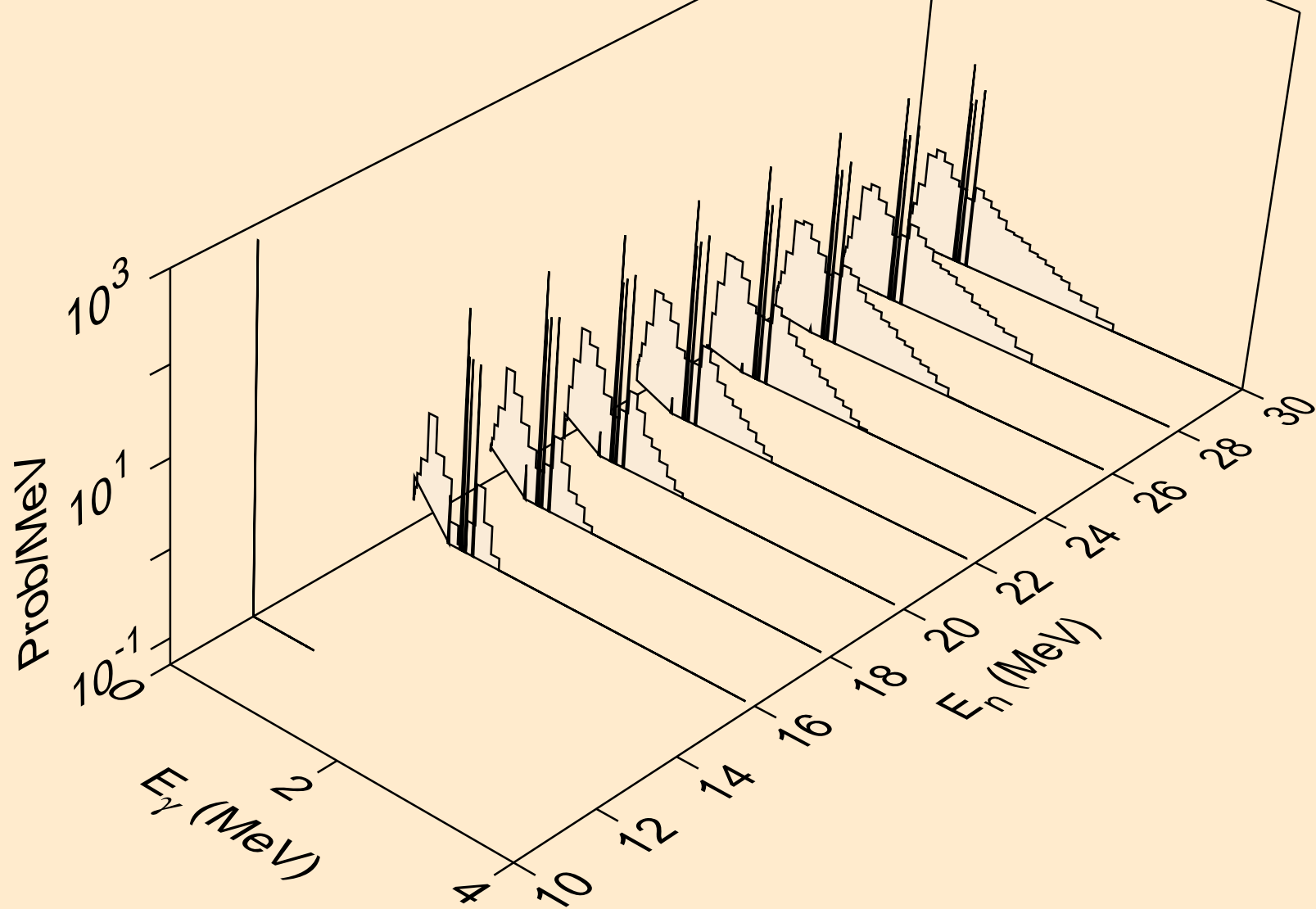
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



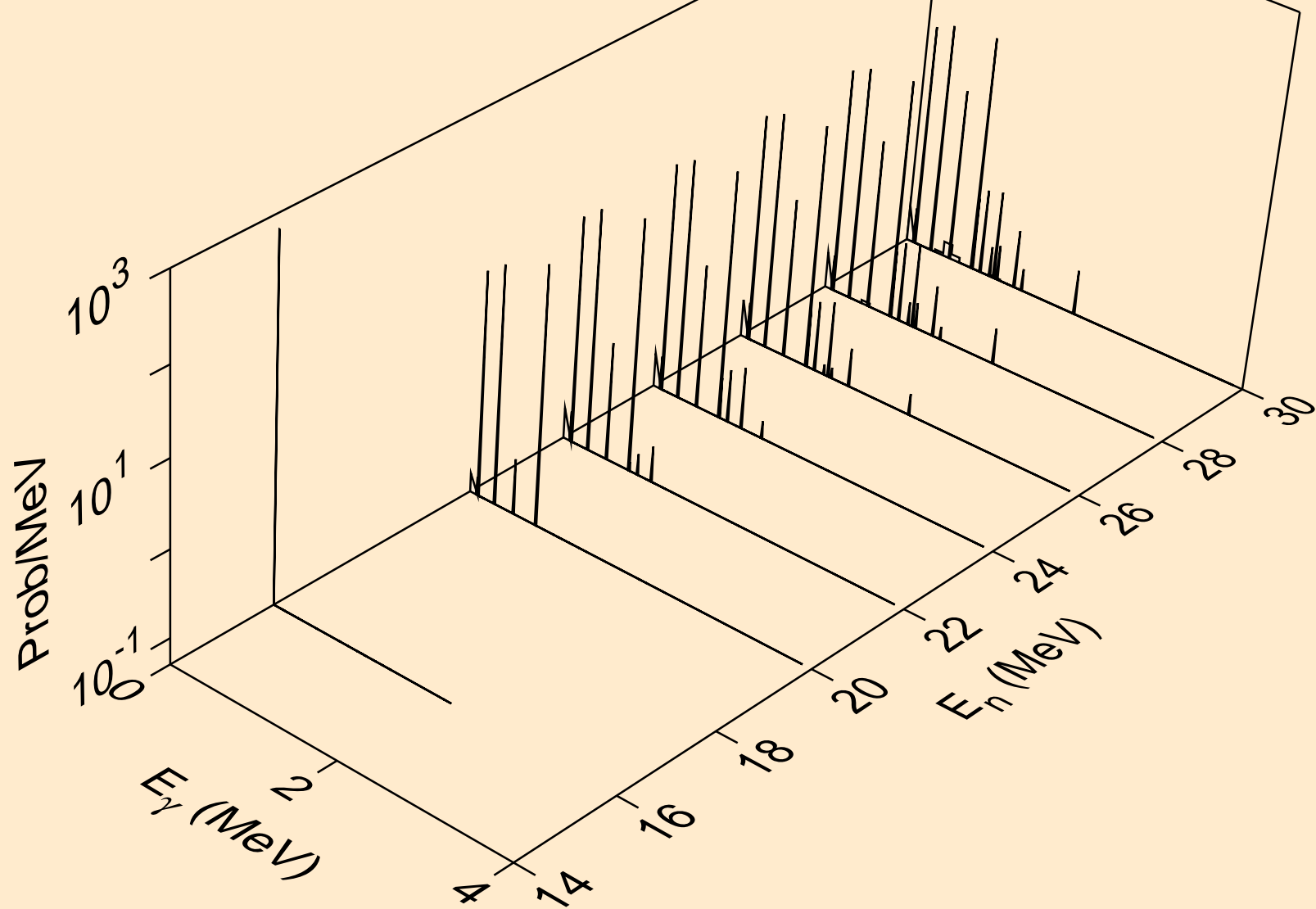
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



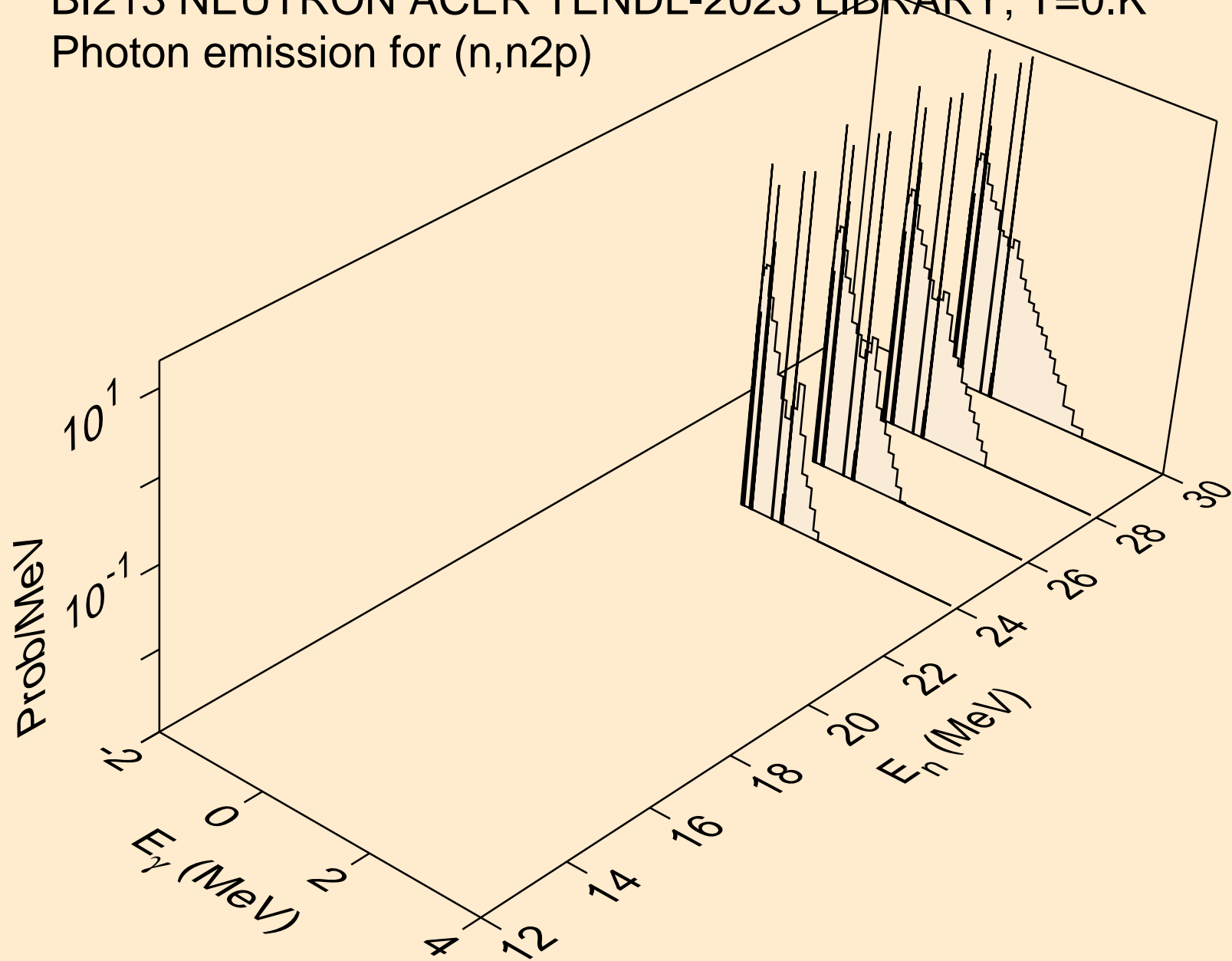
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)

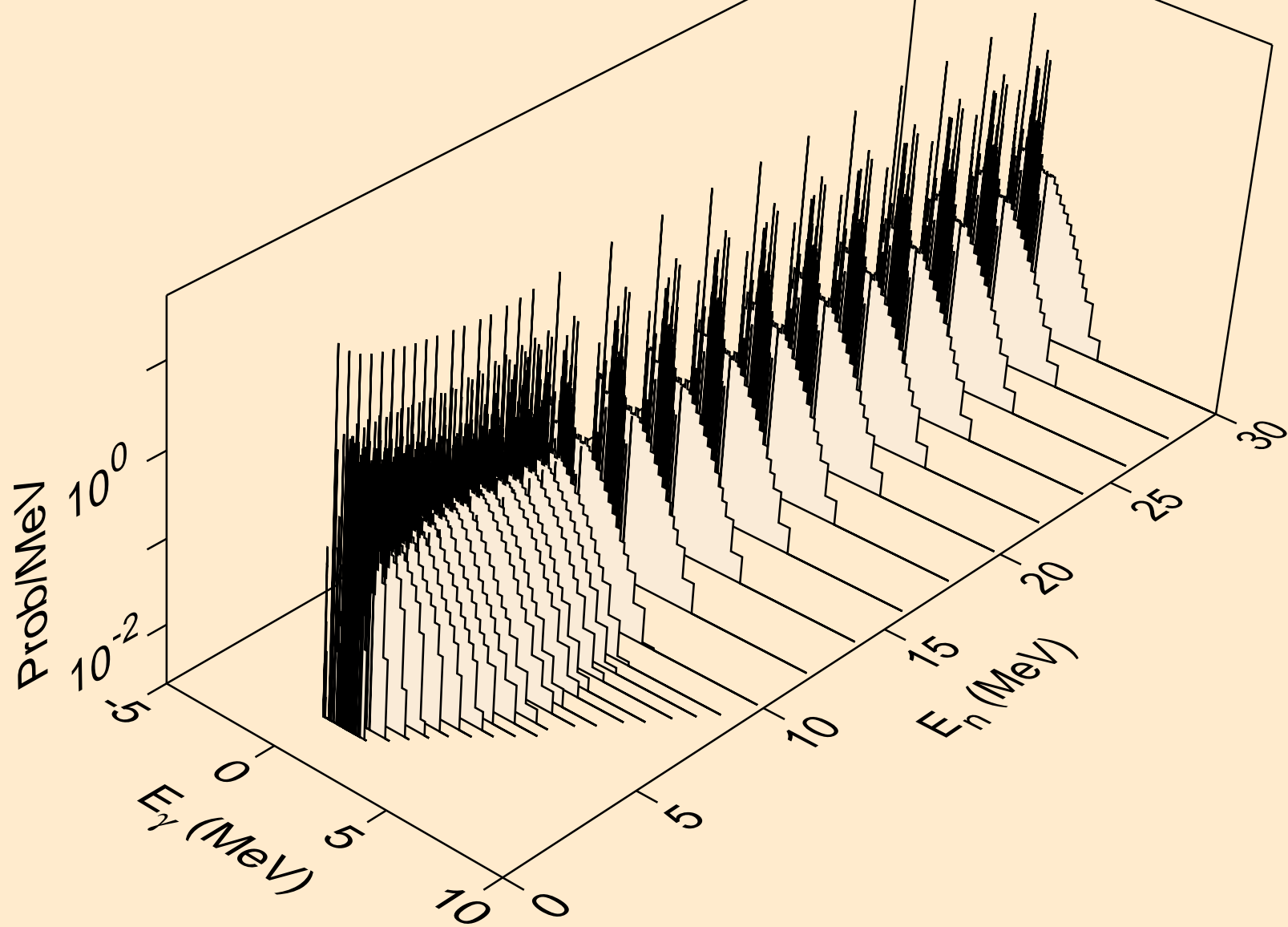


BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)

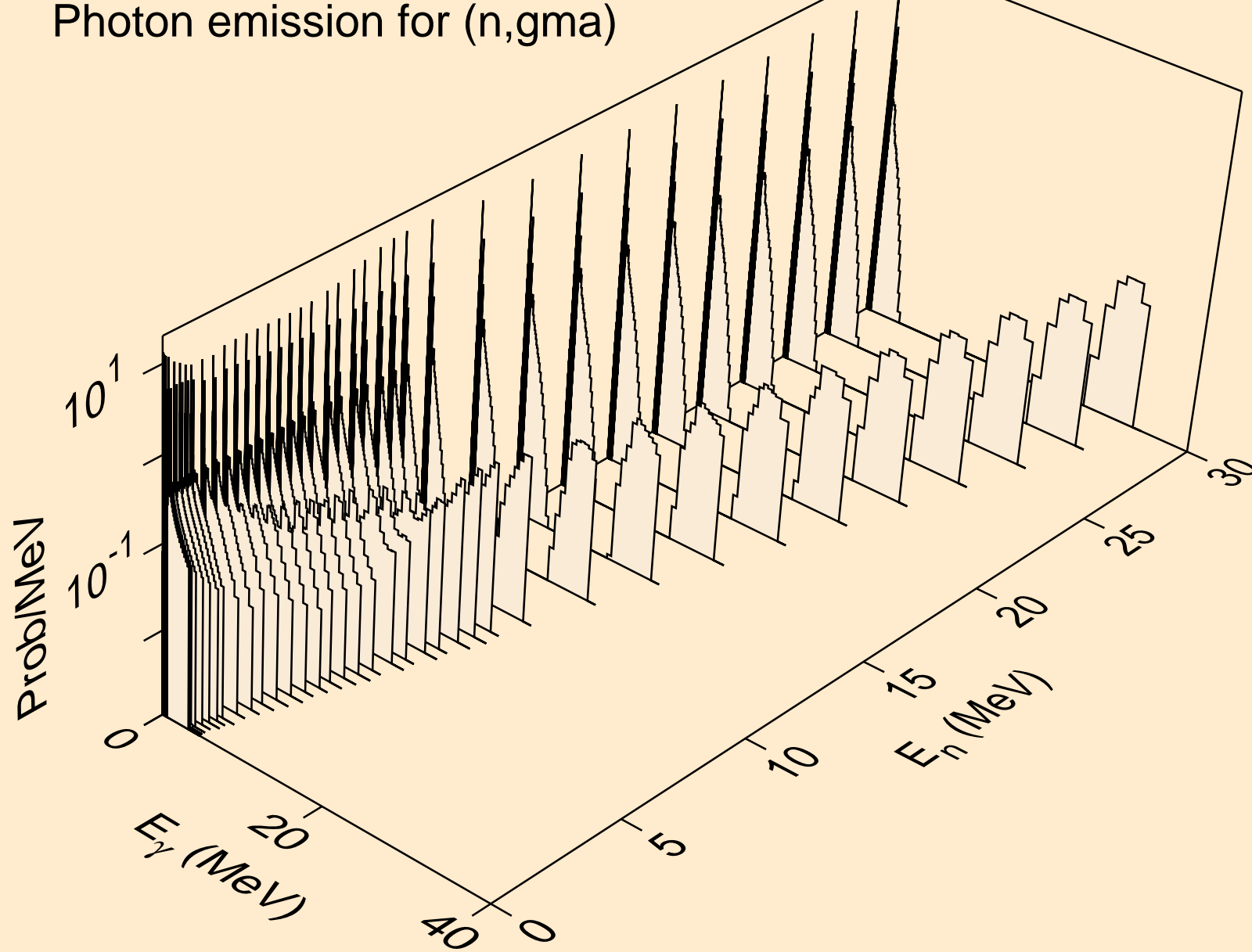




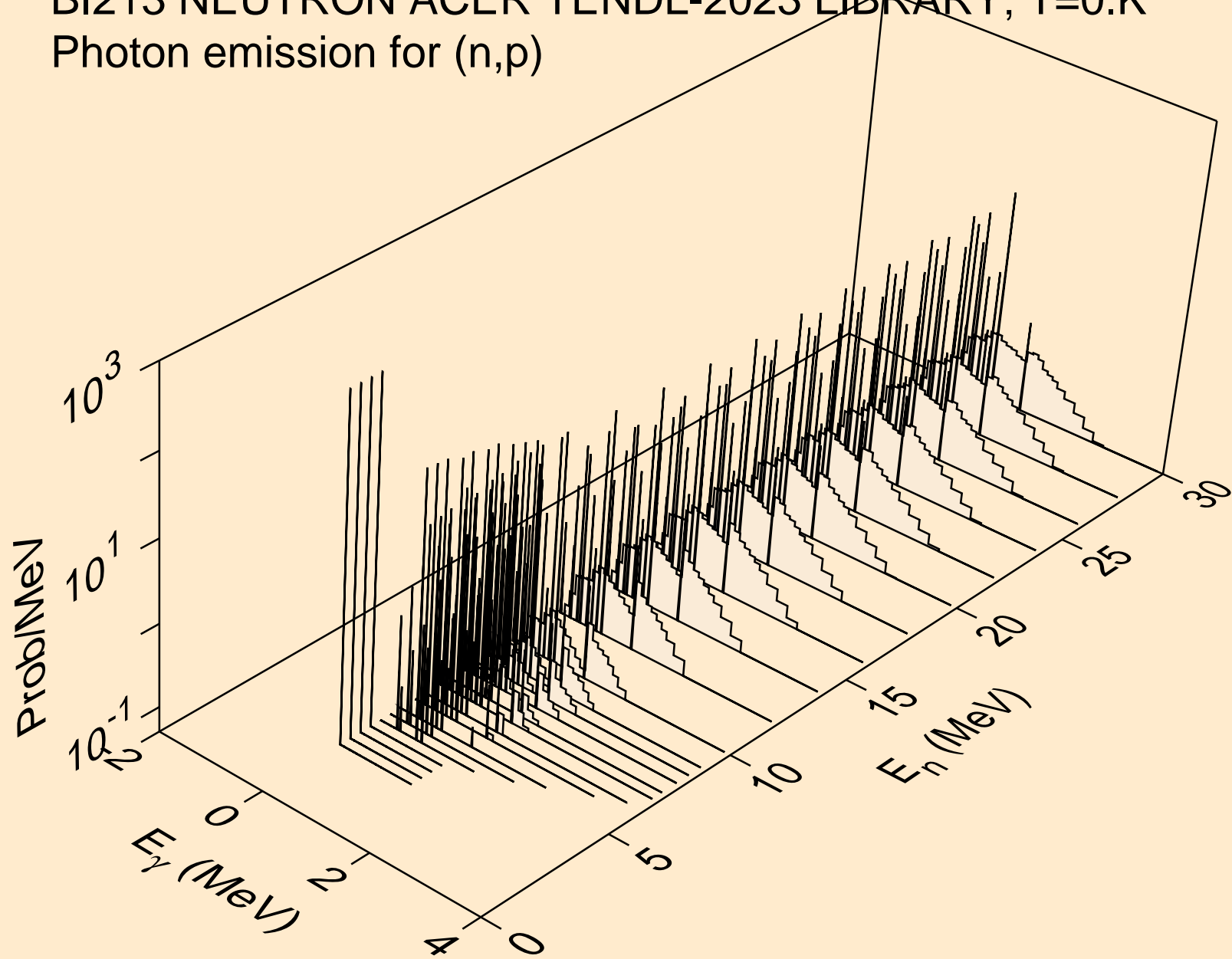
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



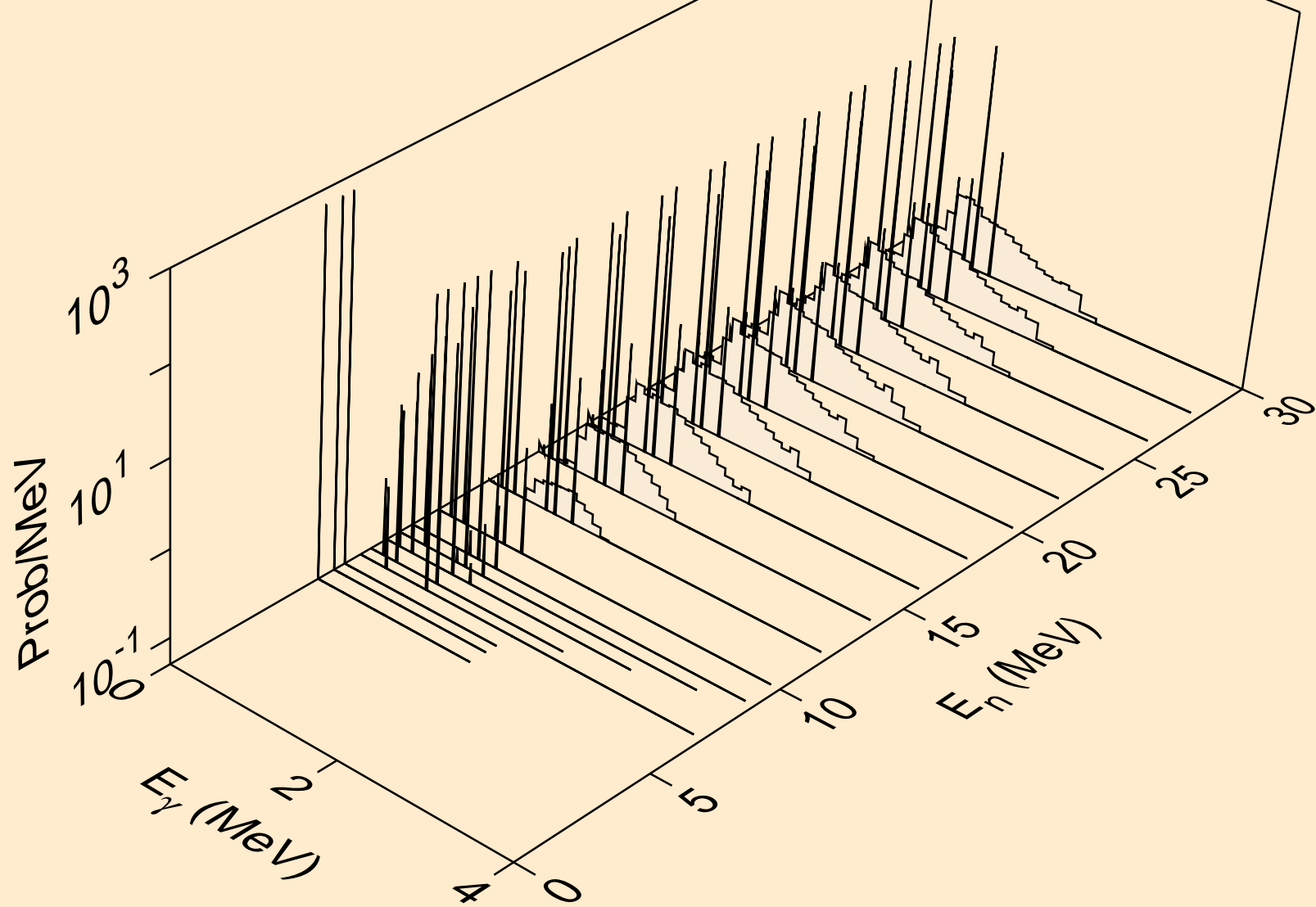
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



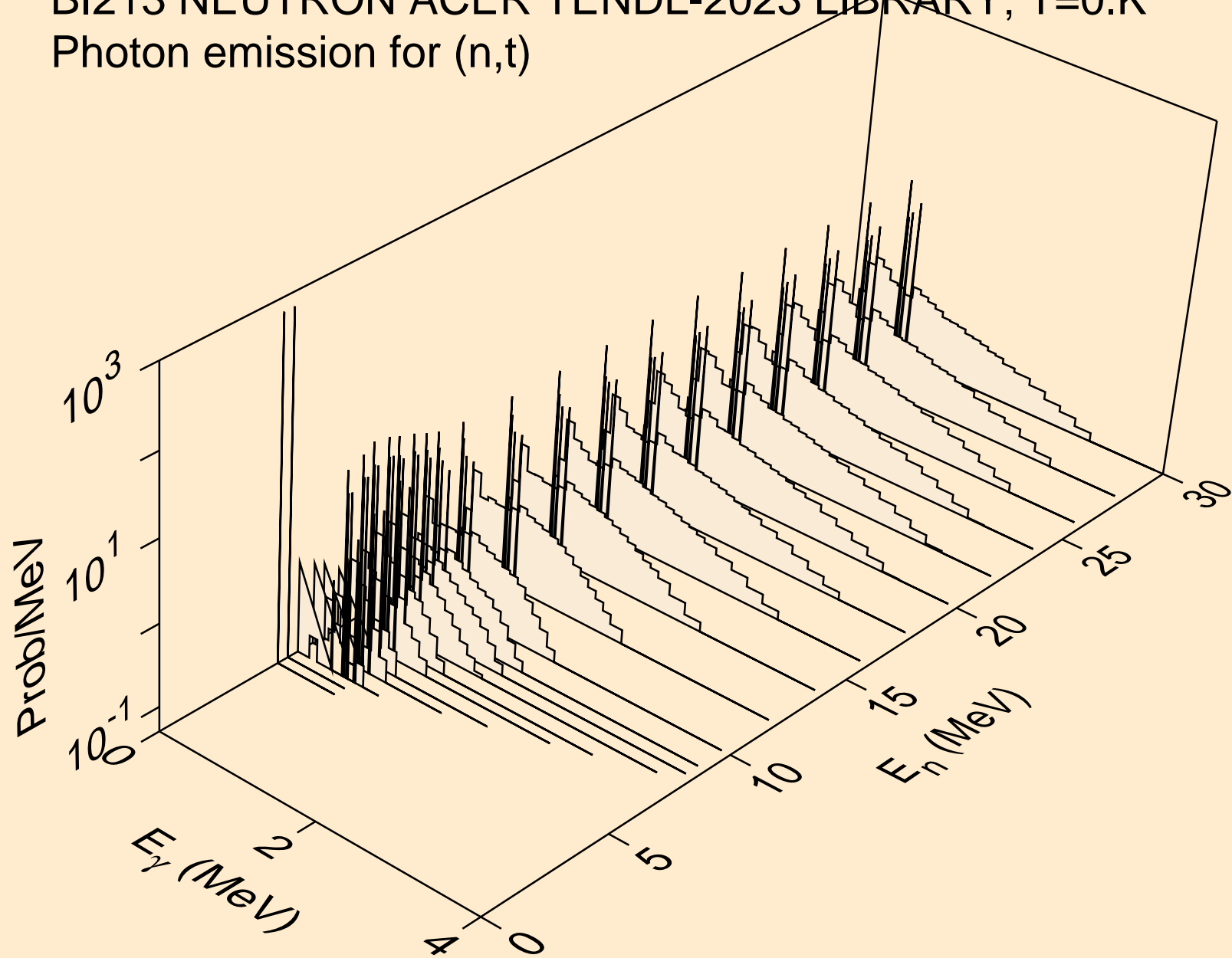
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



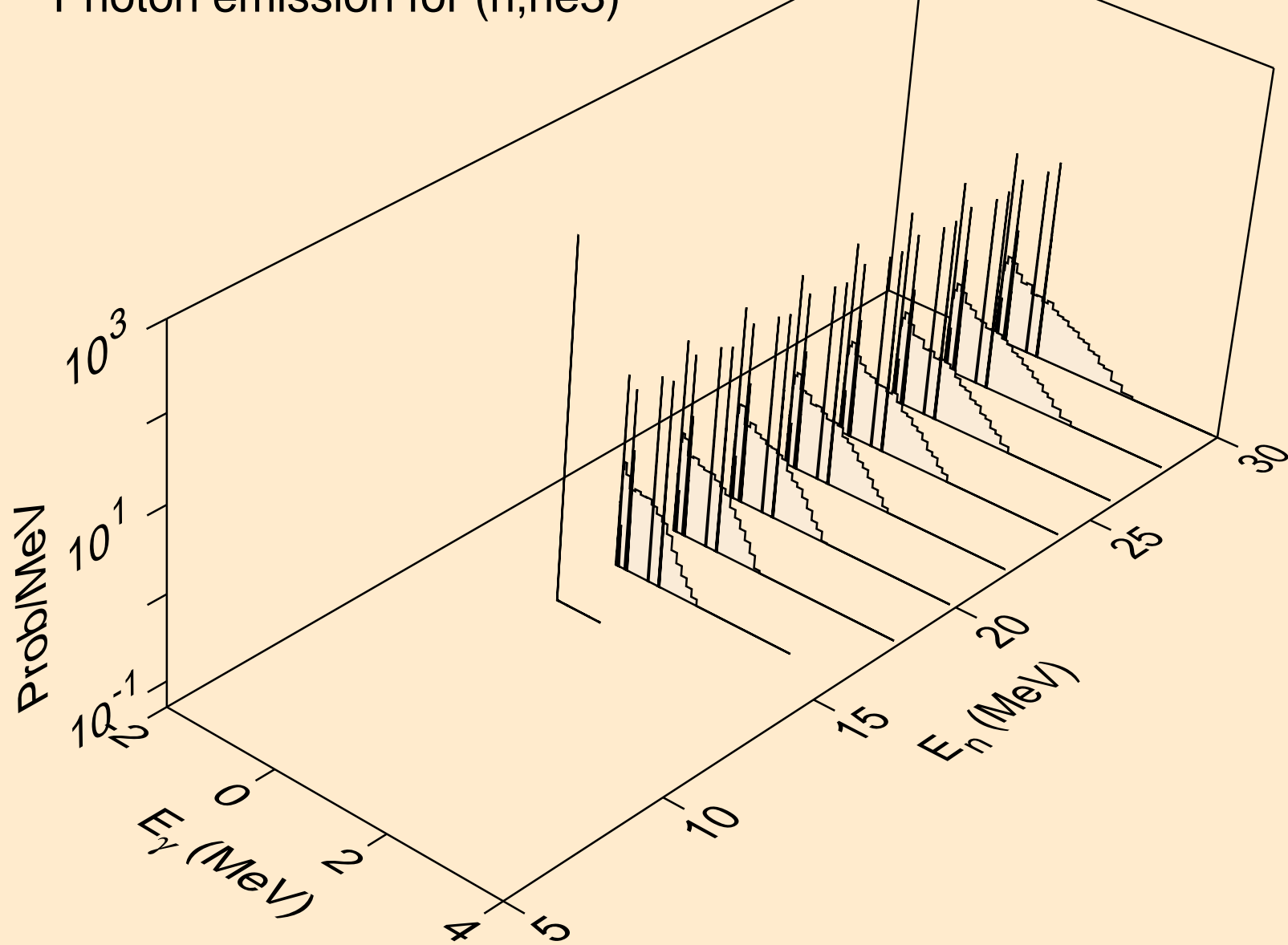
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



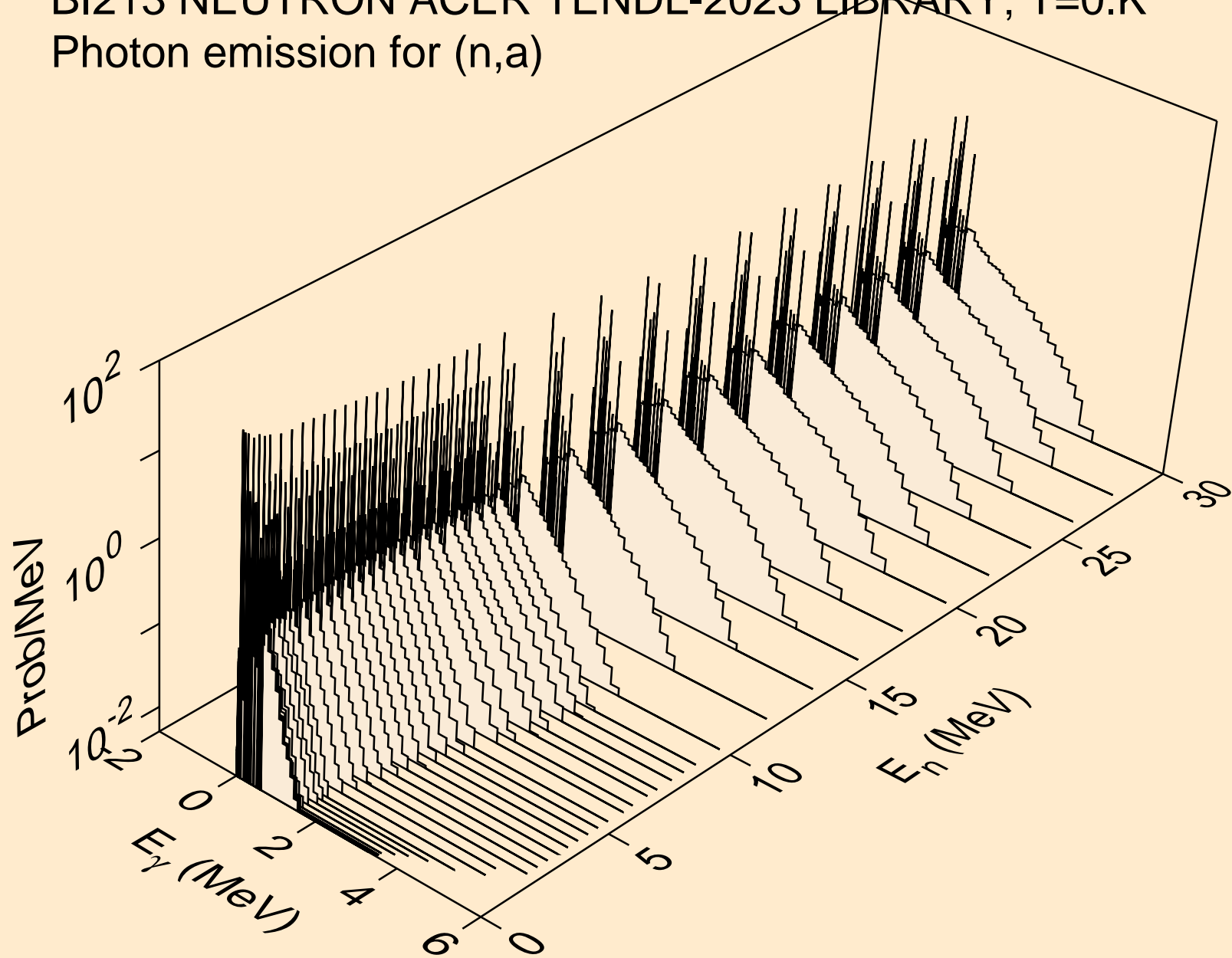
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



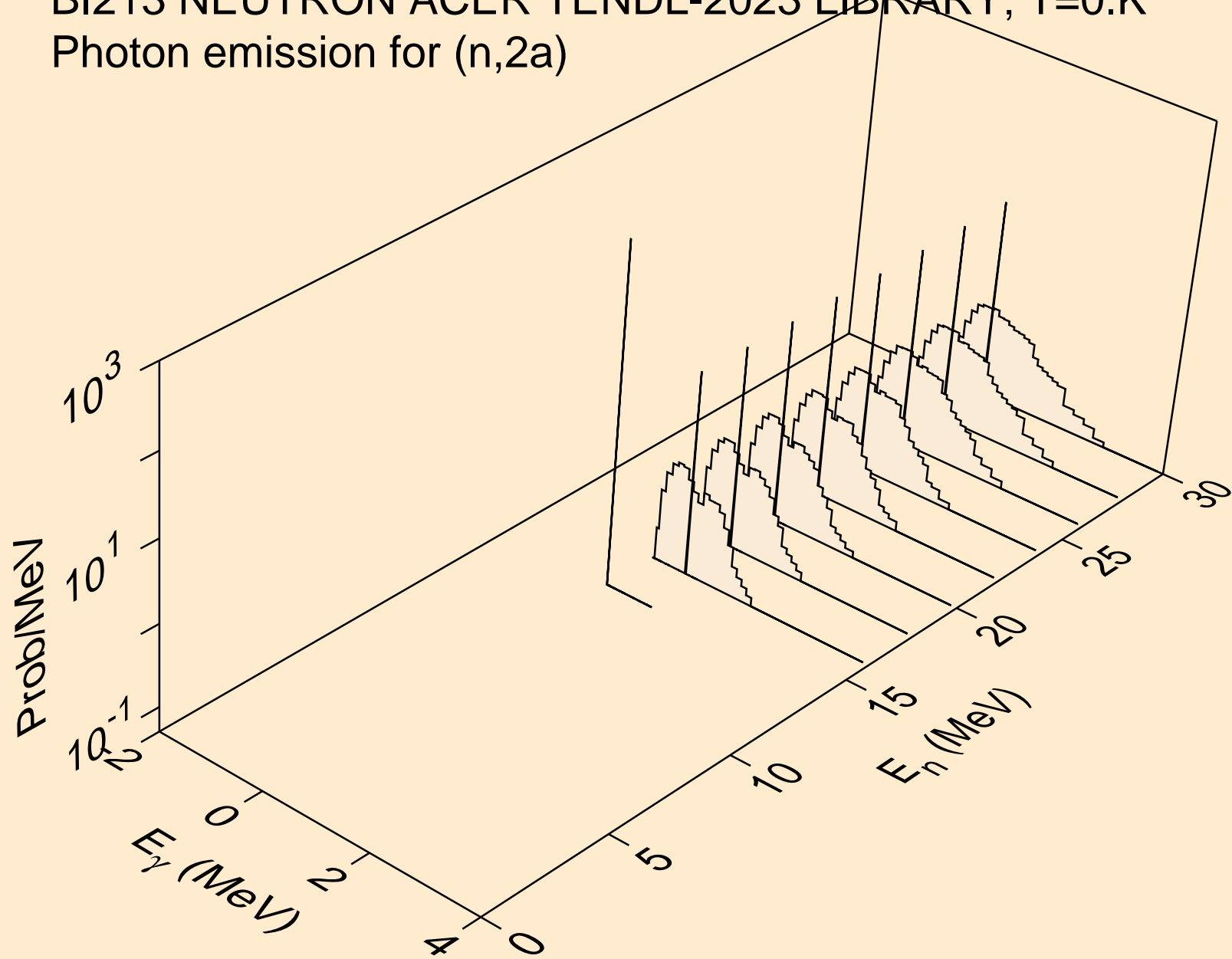
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)

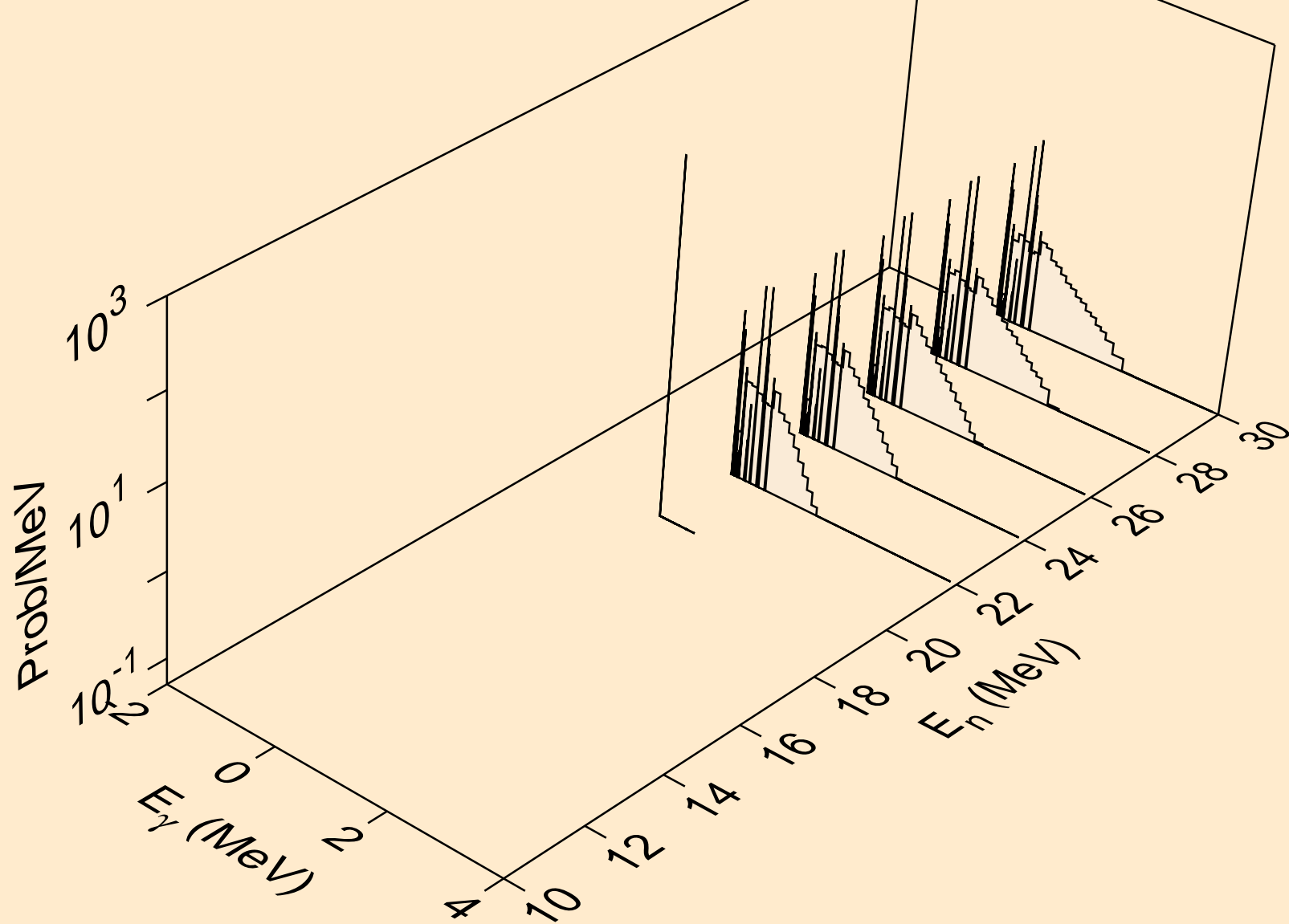


BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)

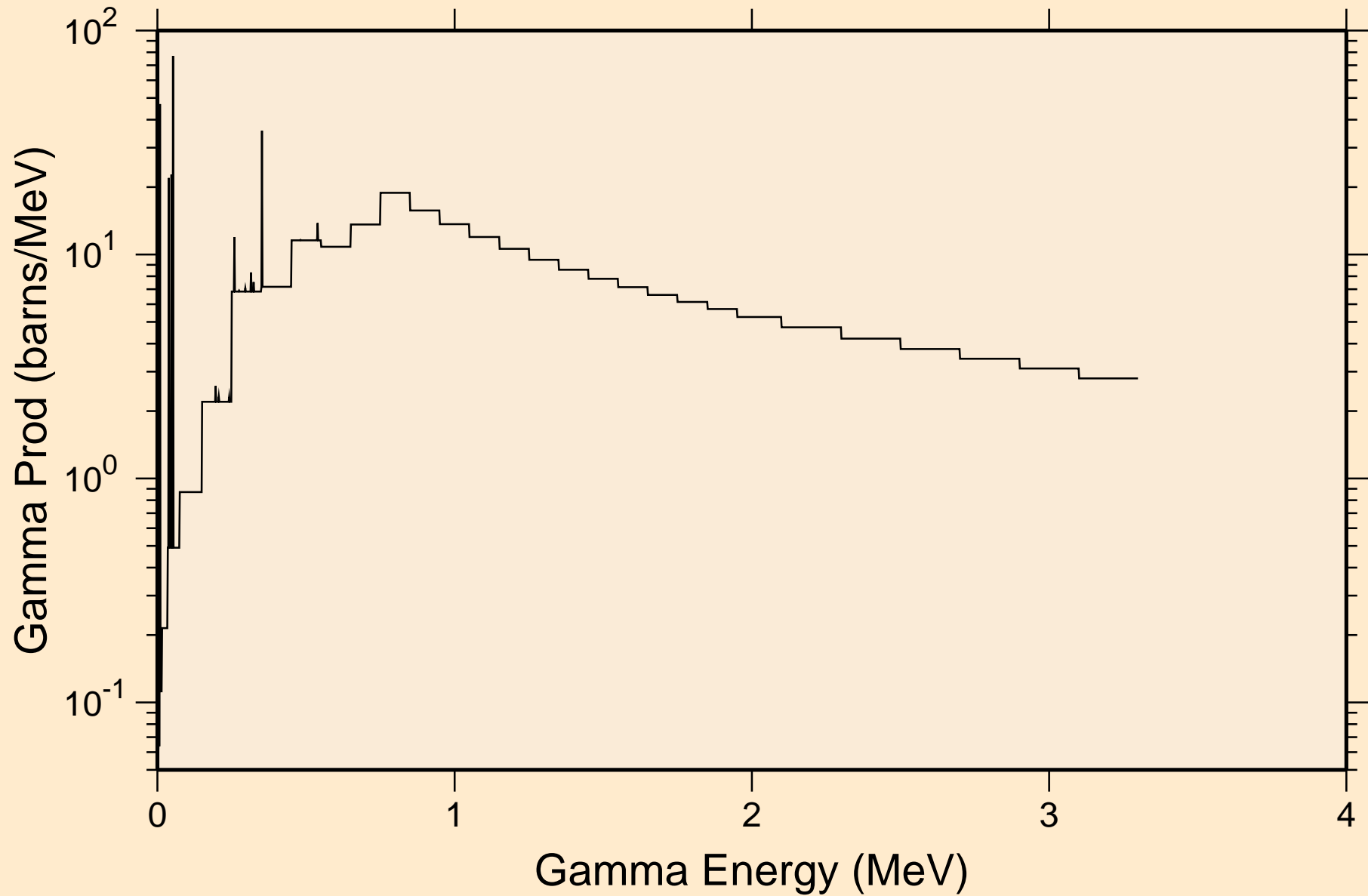




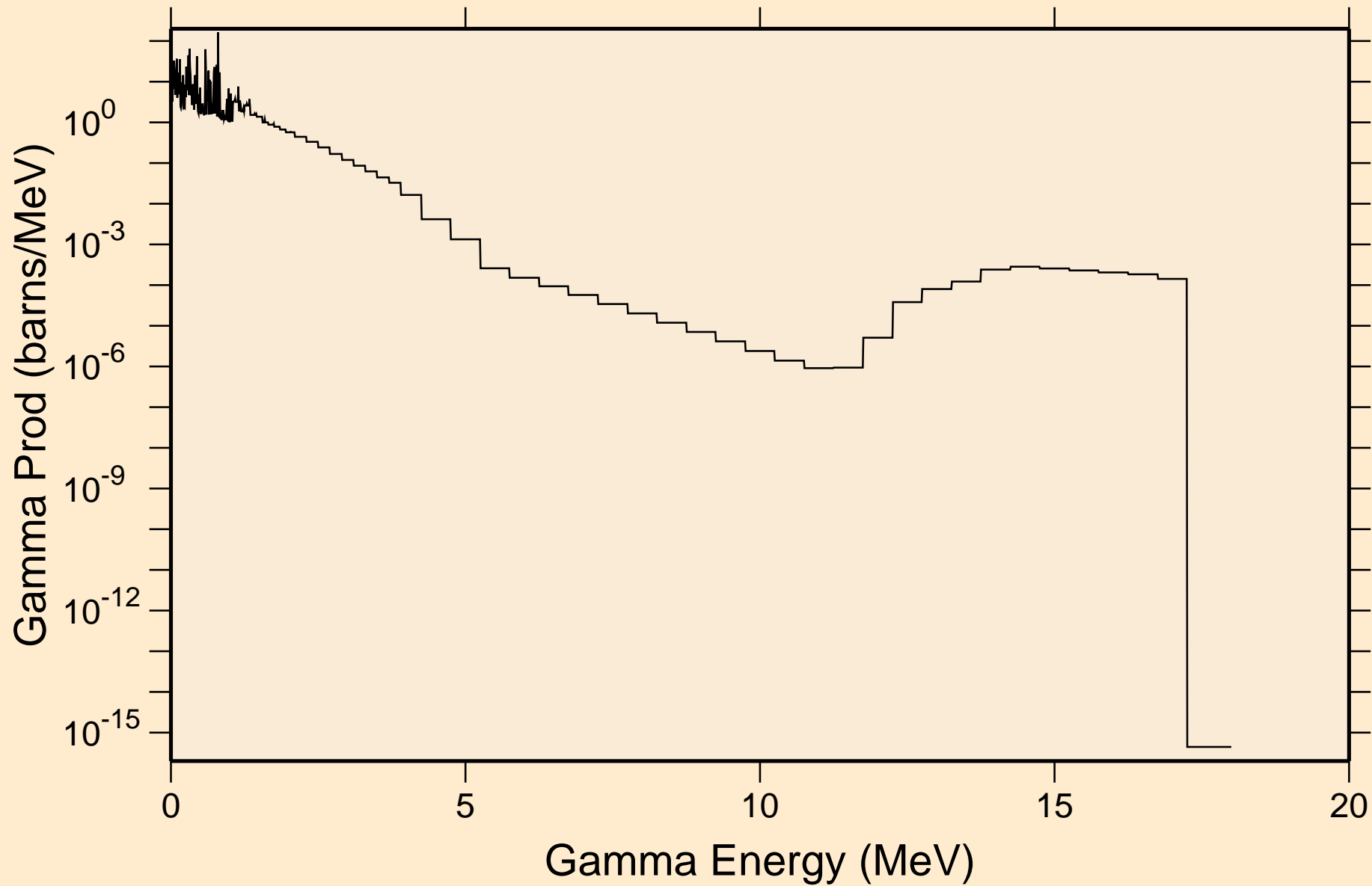
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



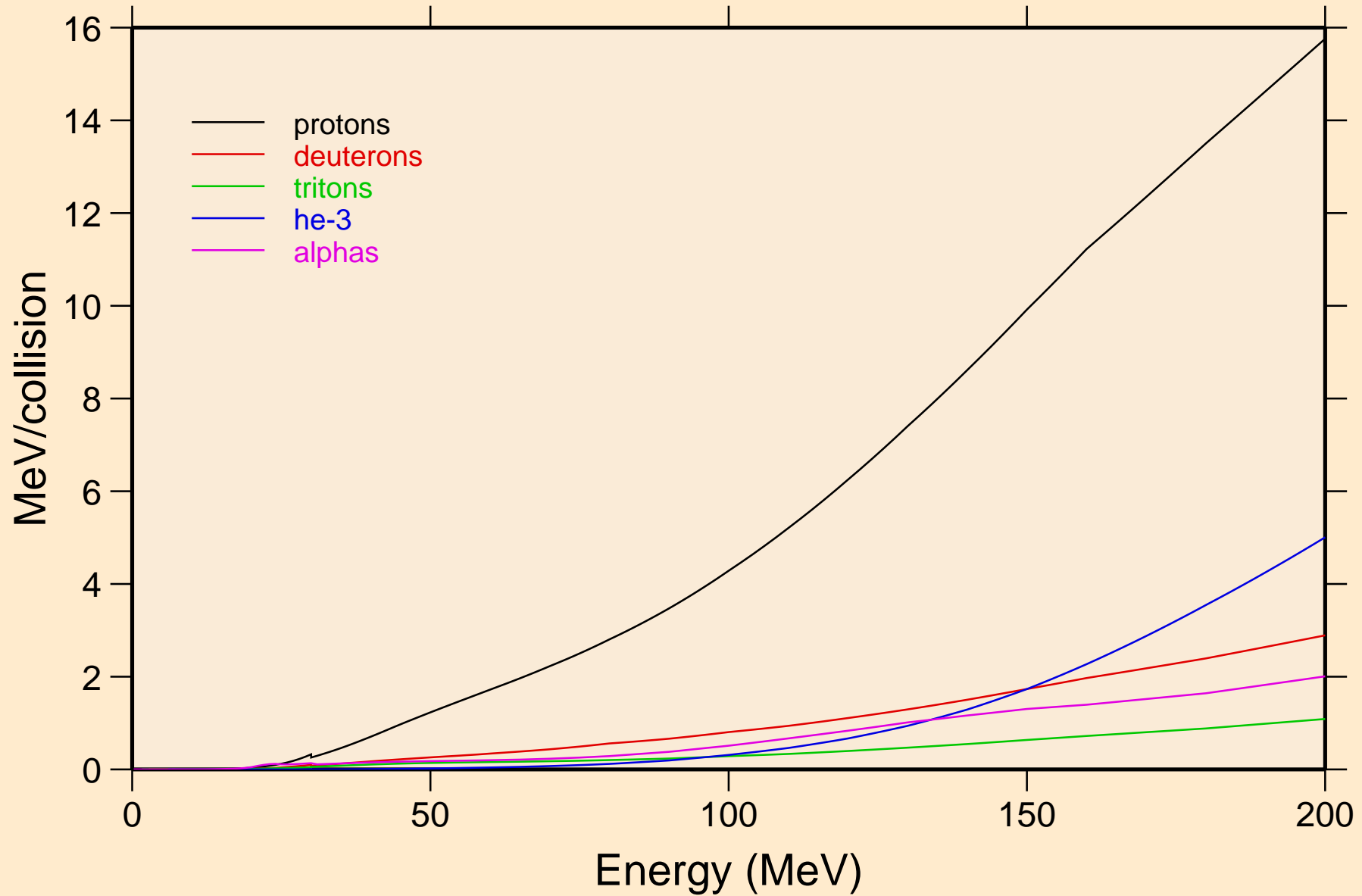
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum



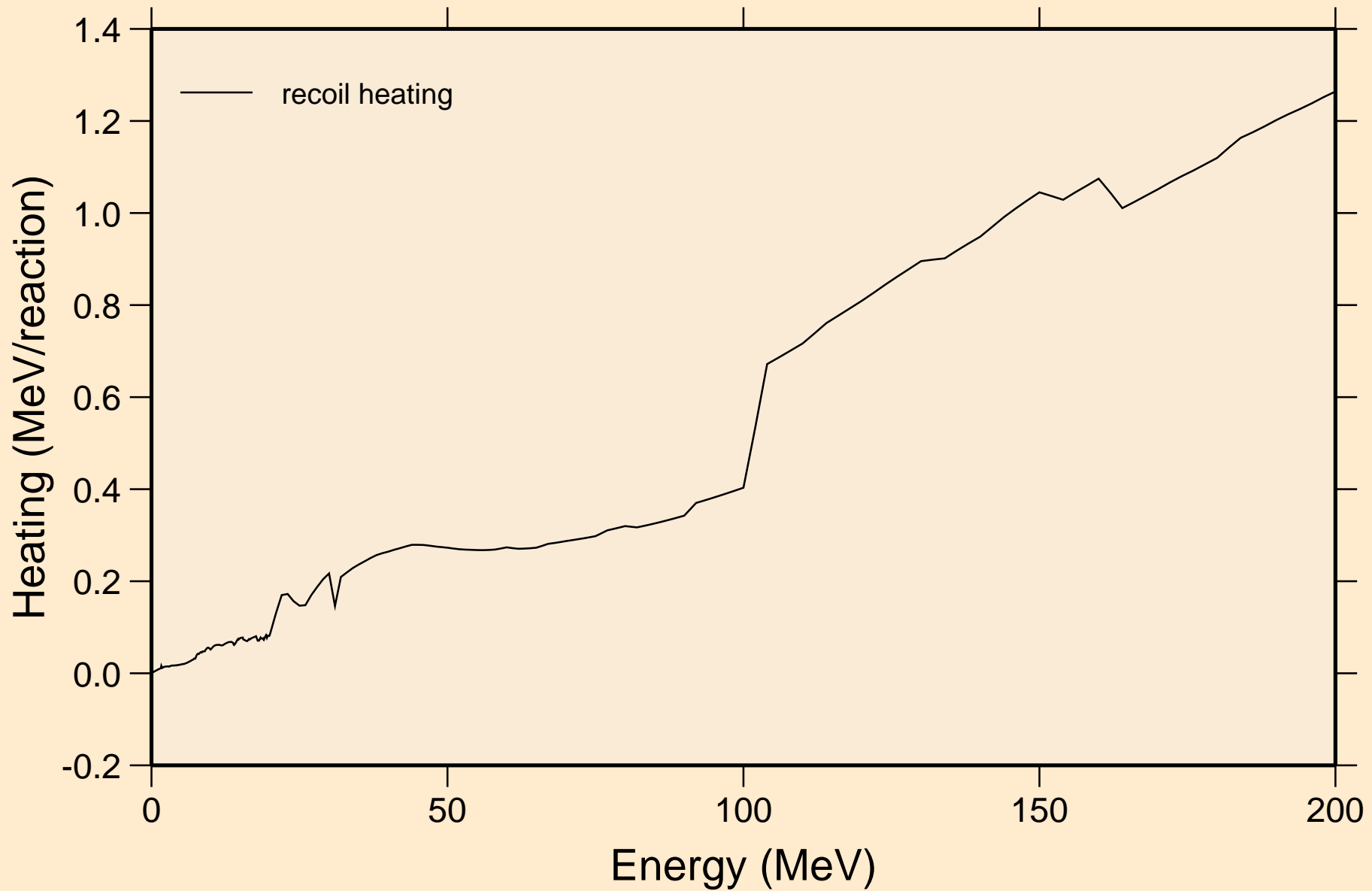
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum



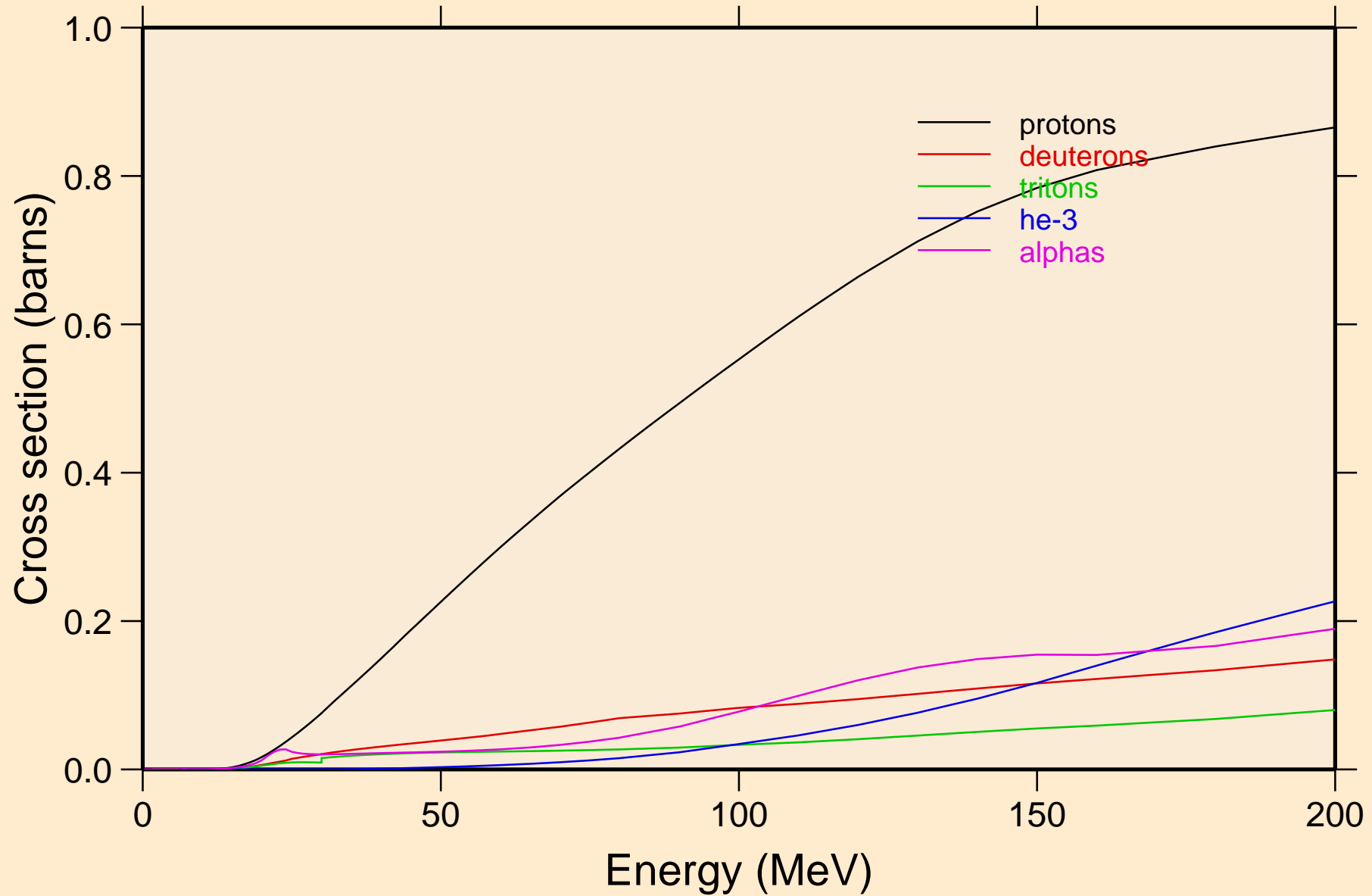
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



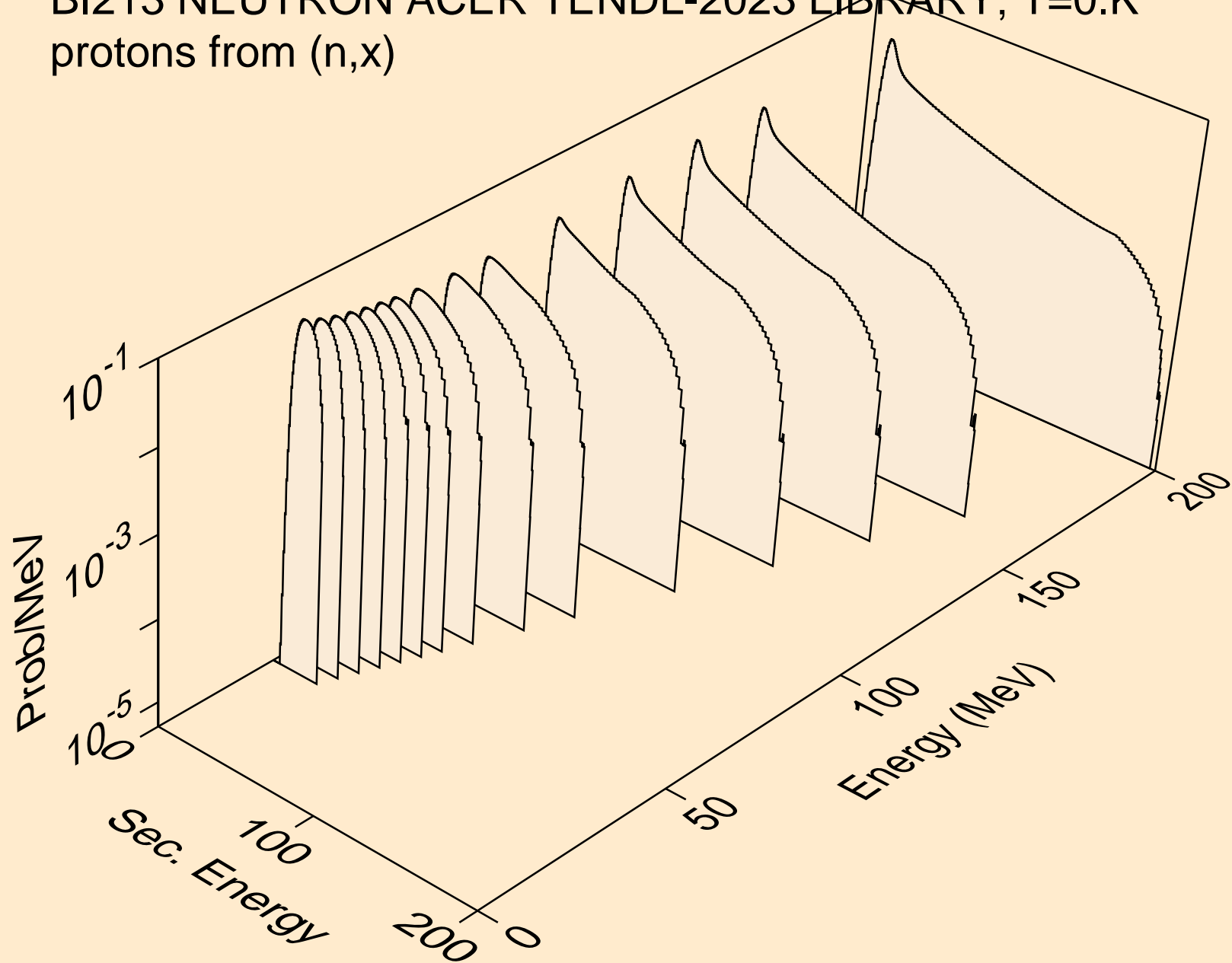
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



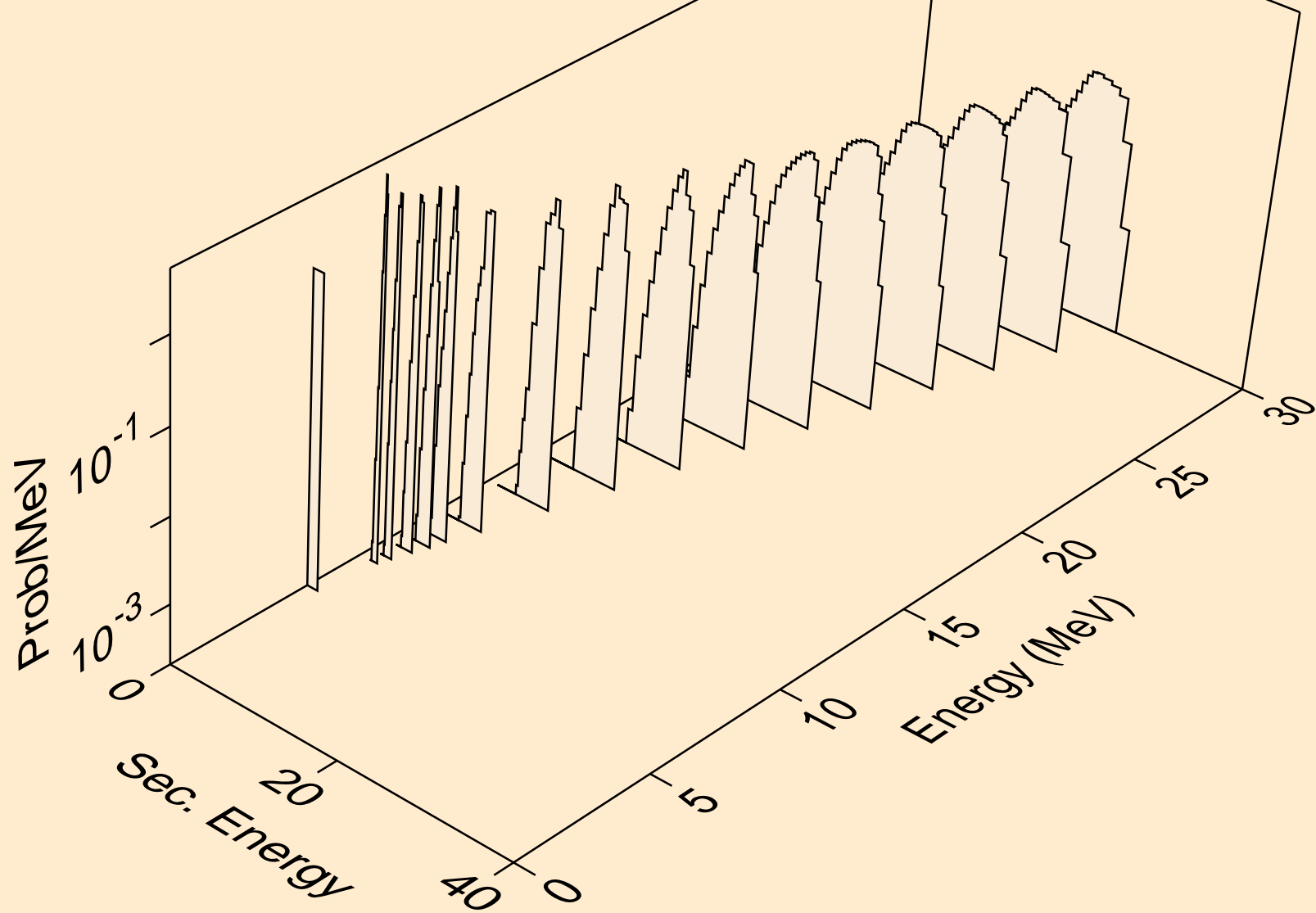
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)

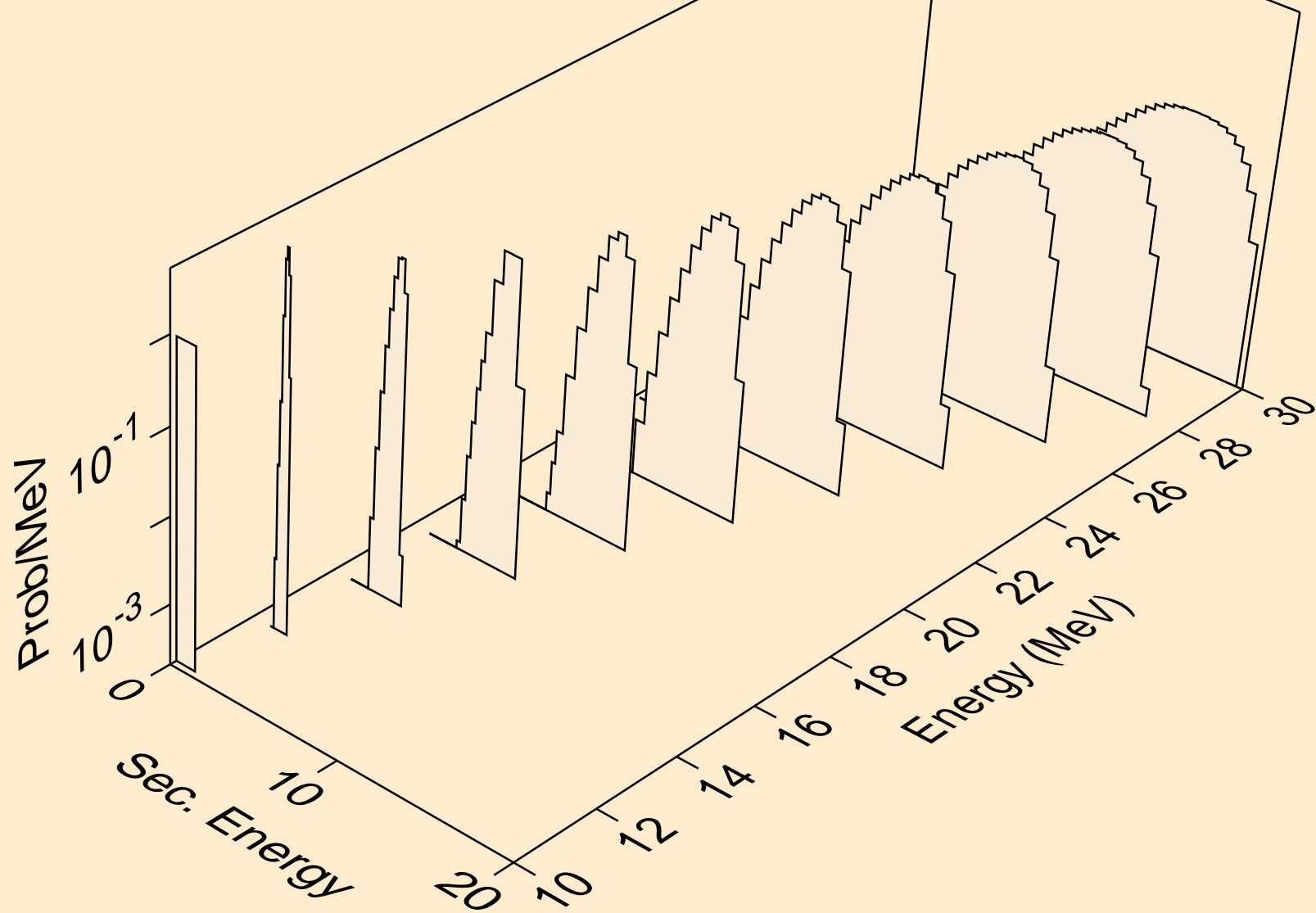


BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p

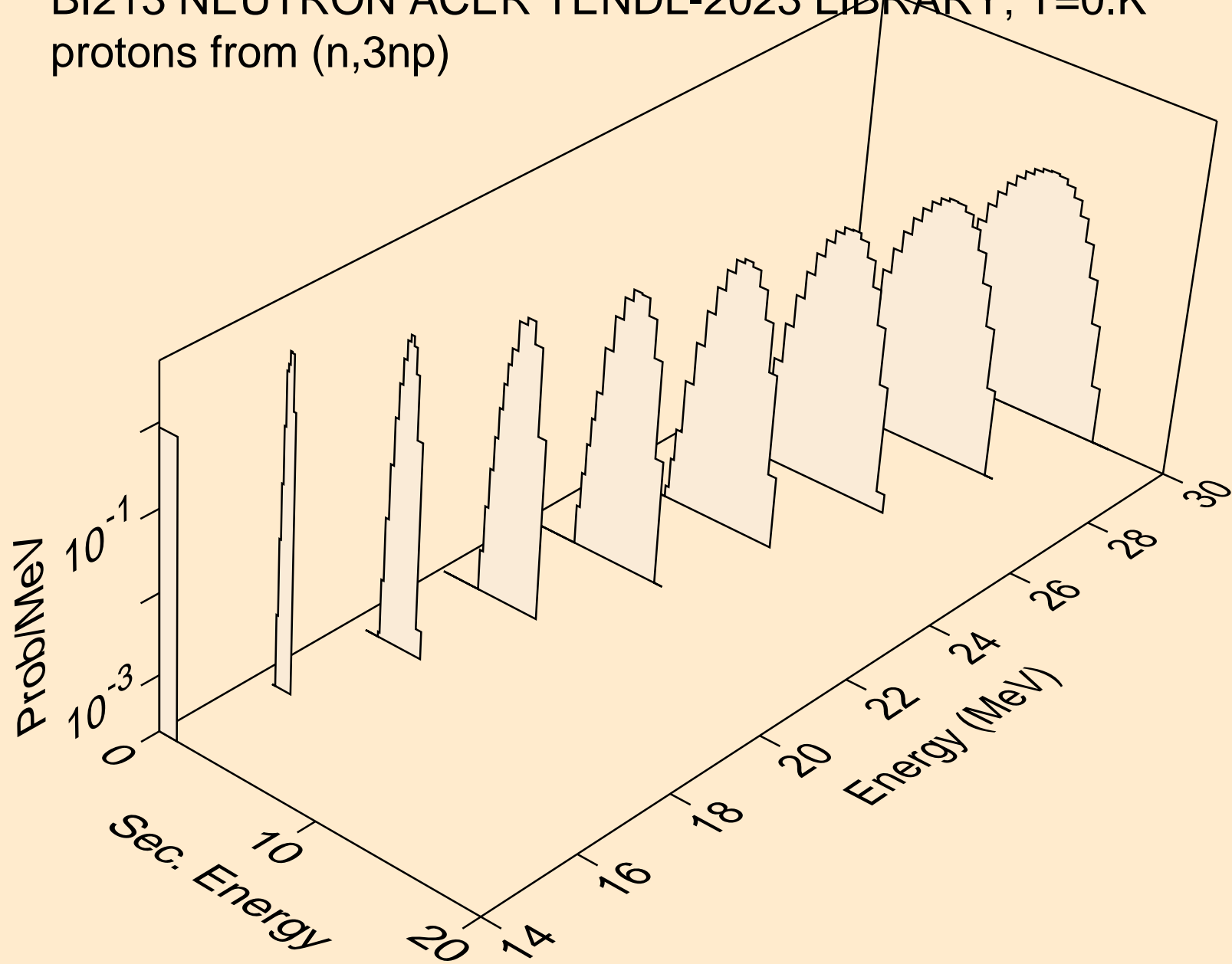




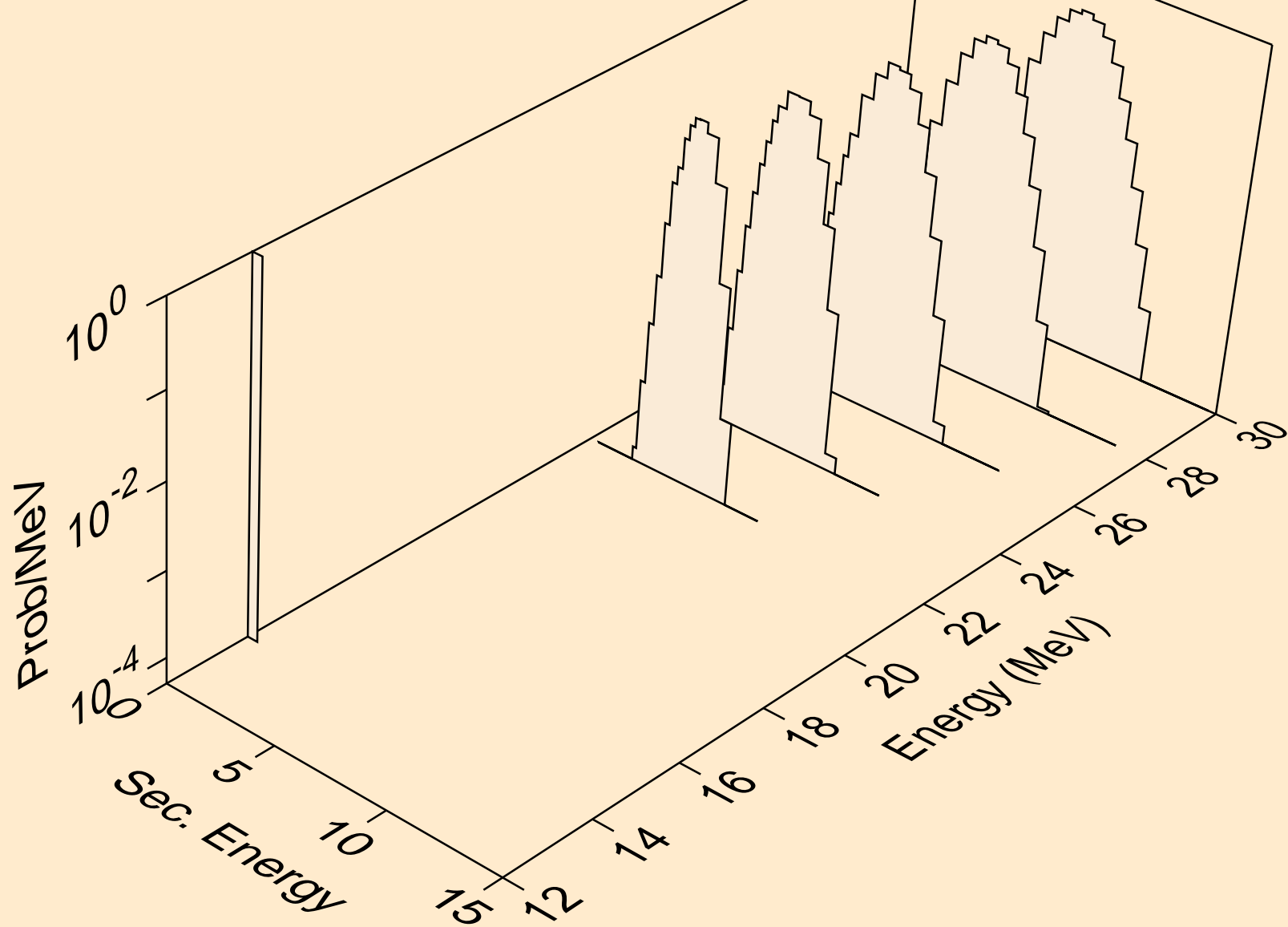
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2np)



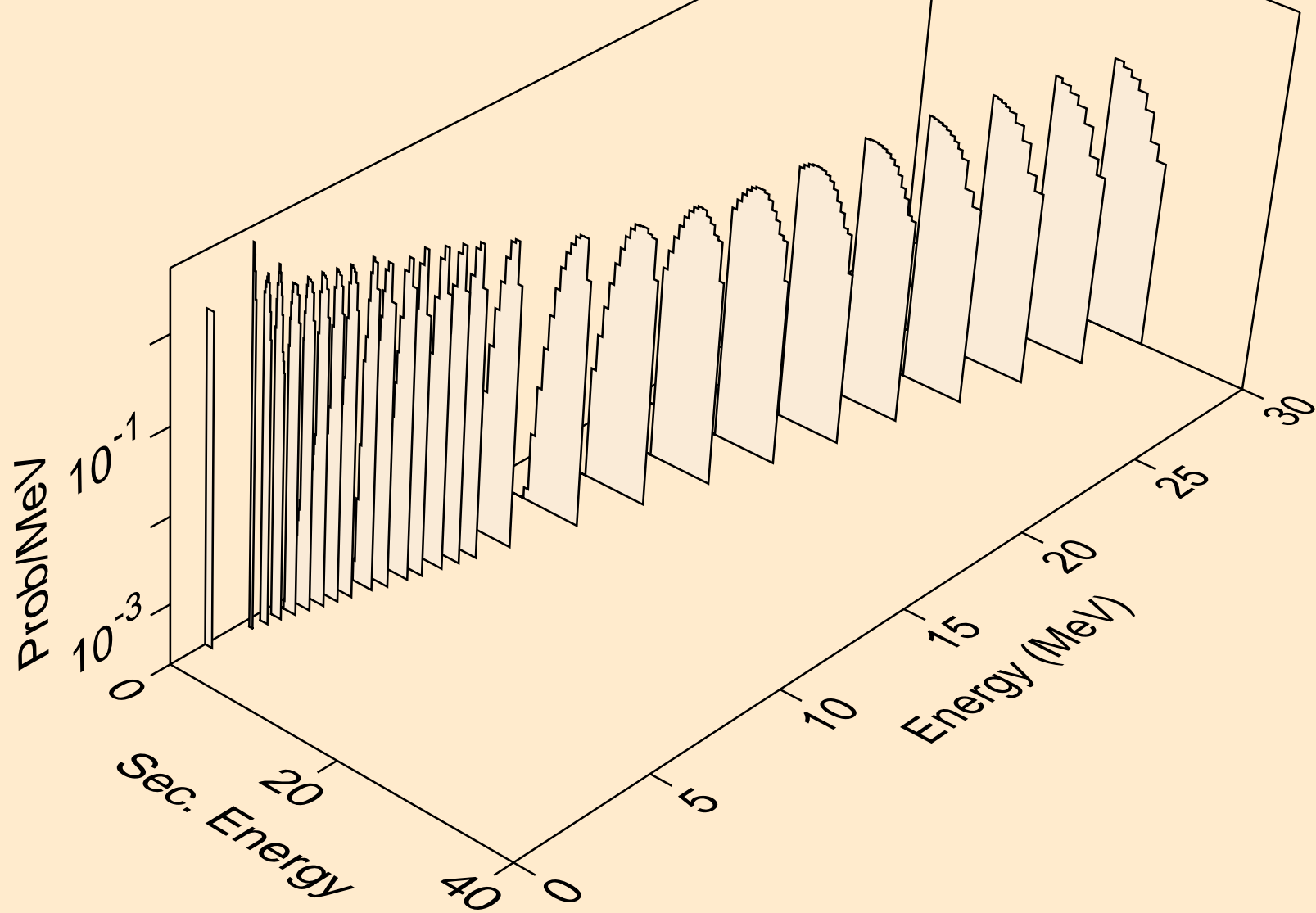
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,3np)



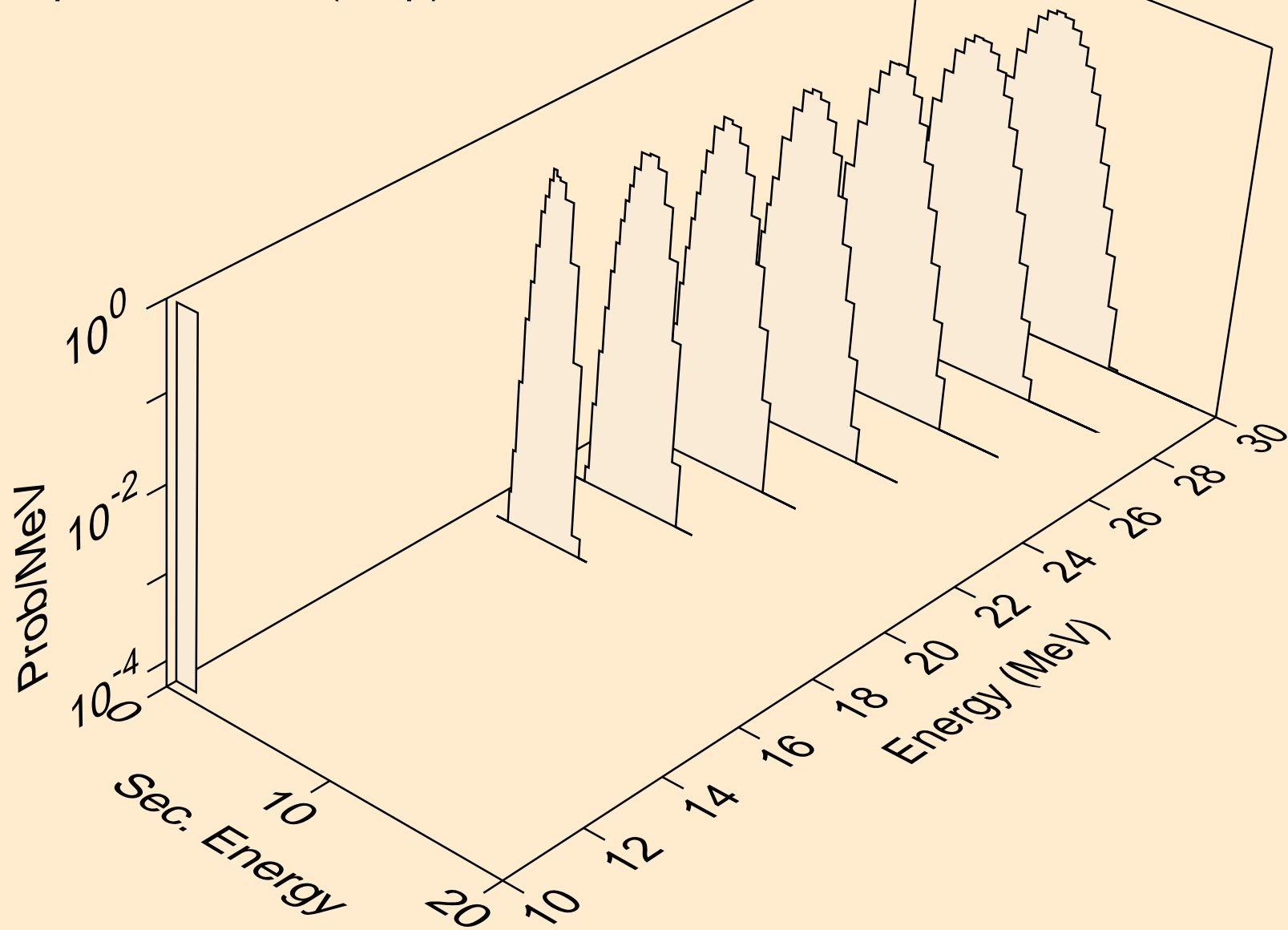
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n2p)



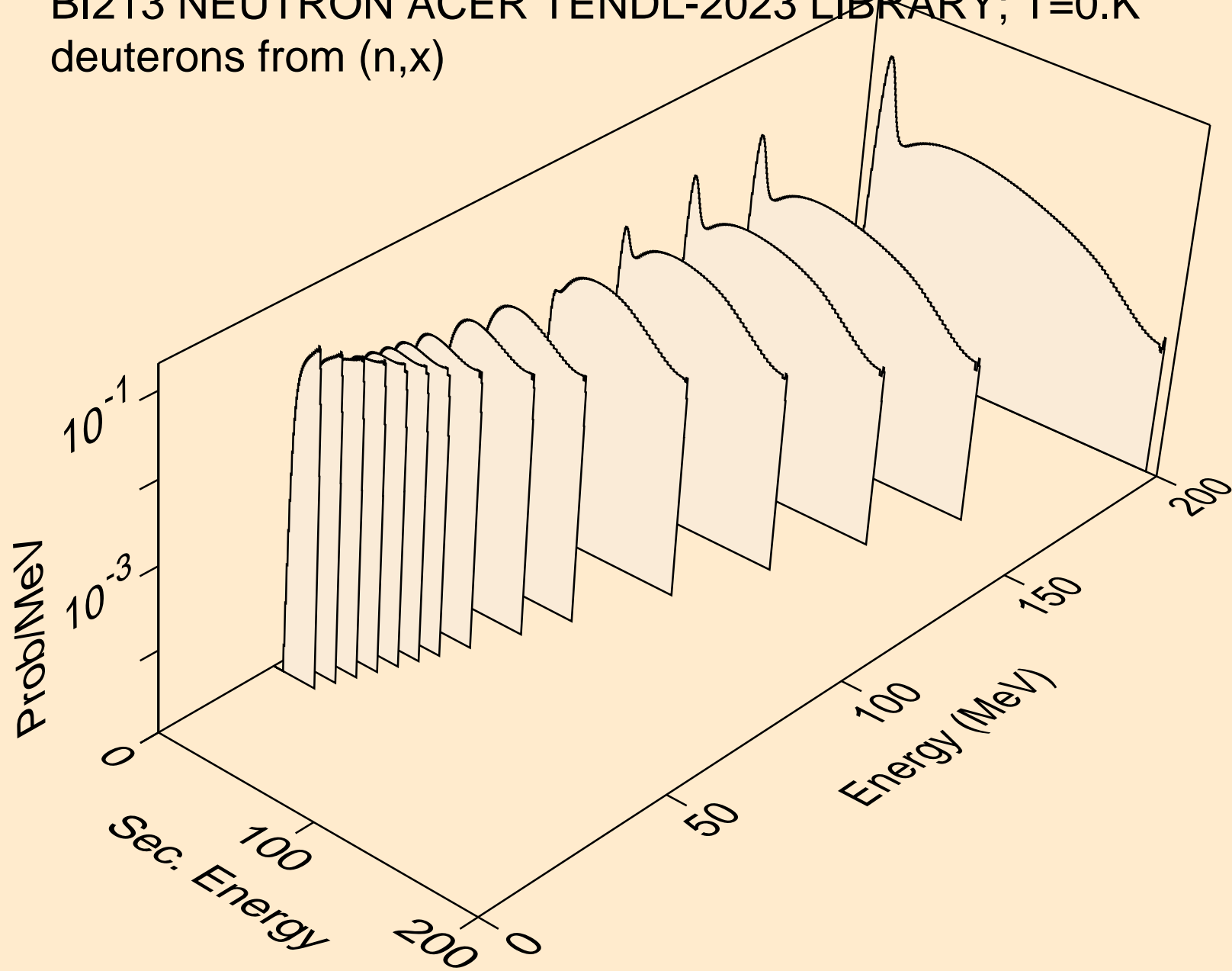
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,p)



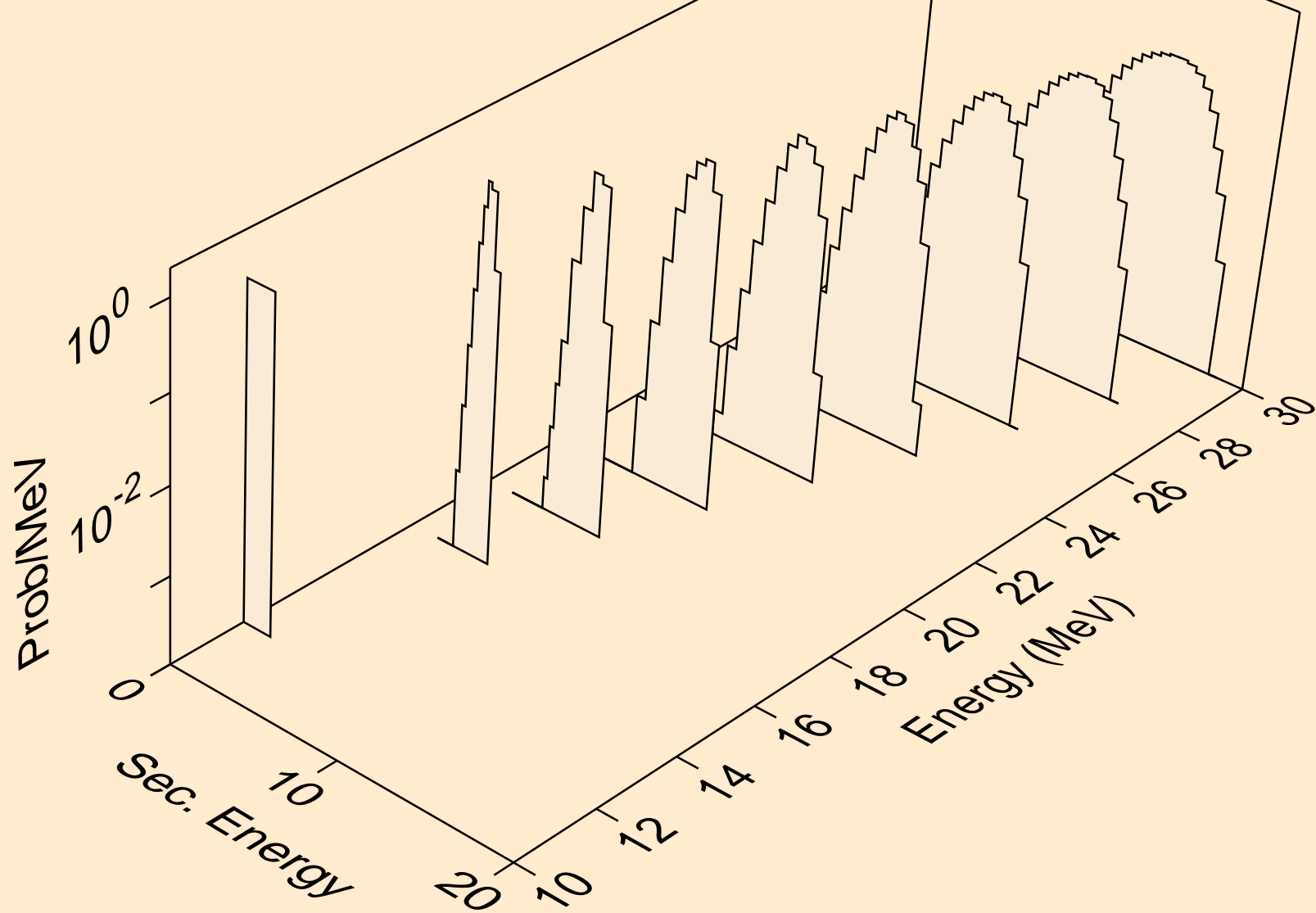
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2p)



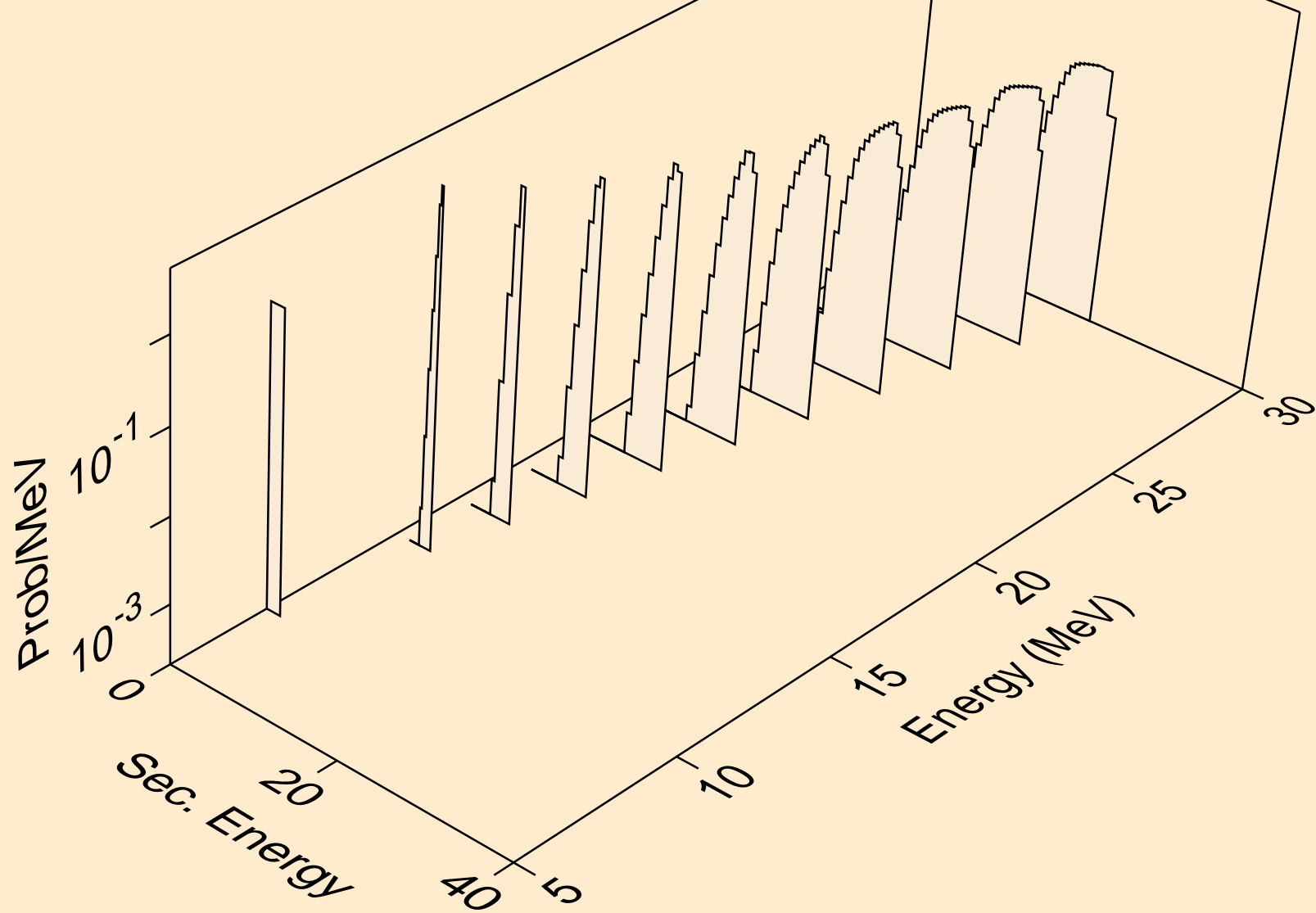
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,x)



BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,2nd)

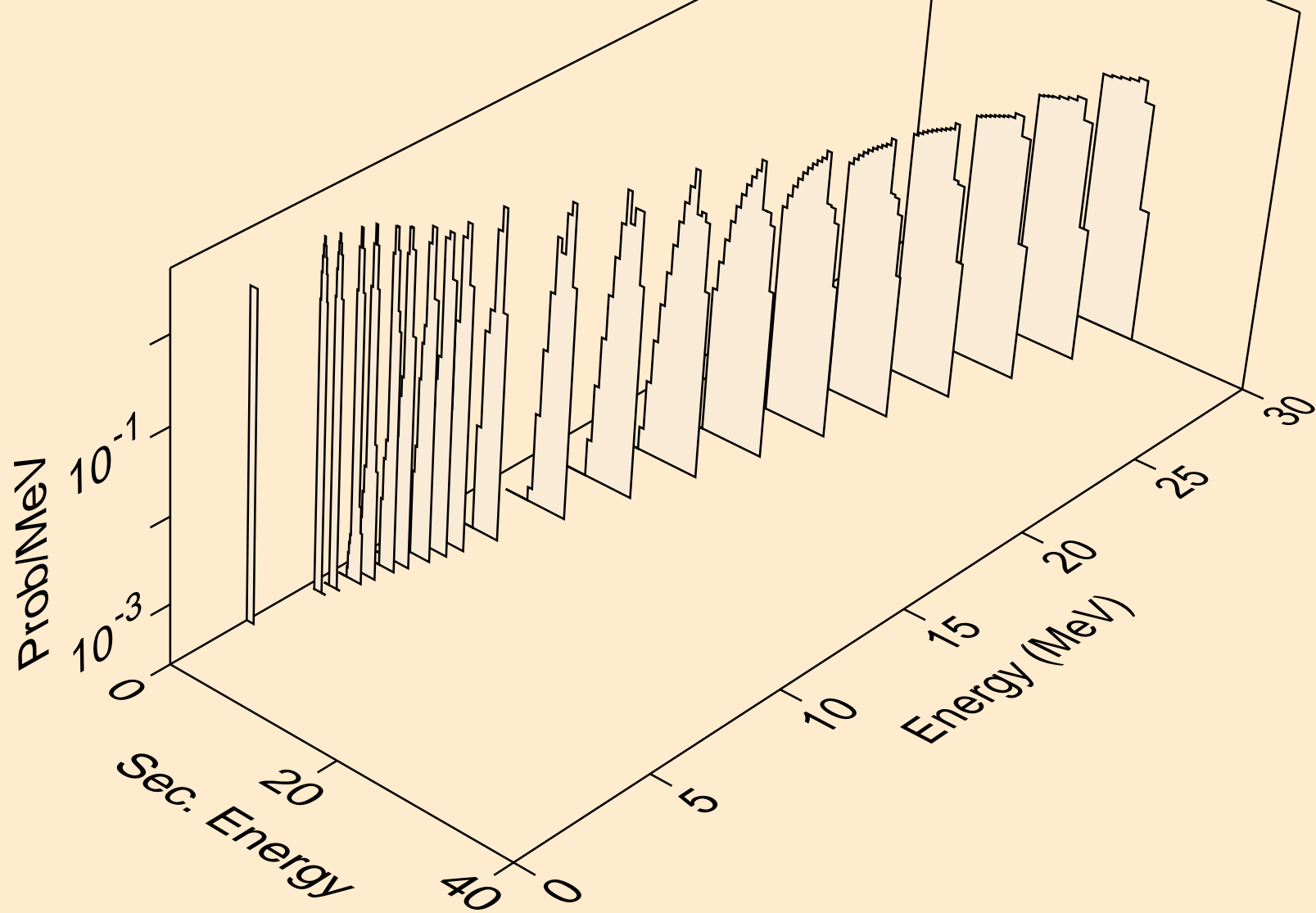


BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,n\*)d

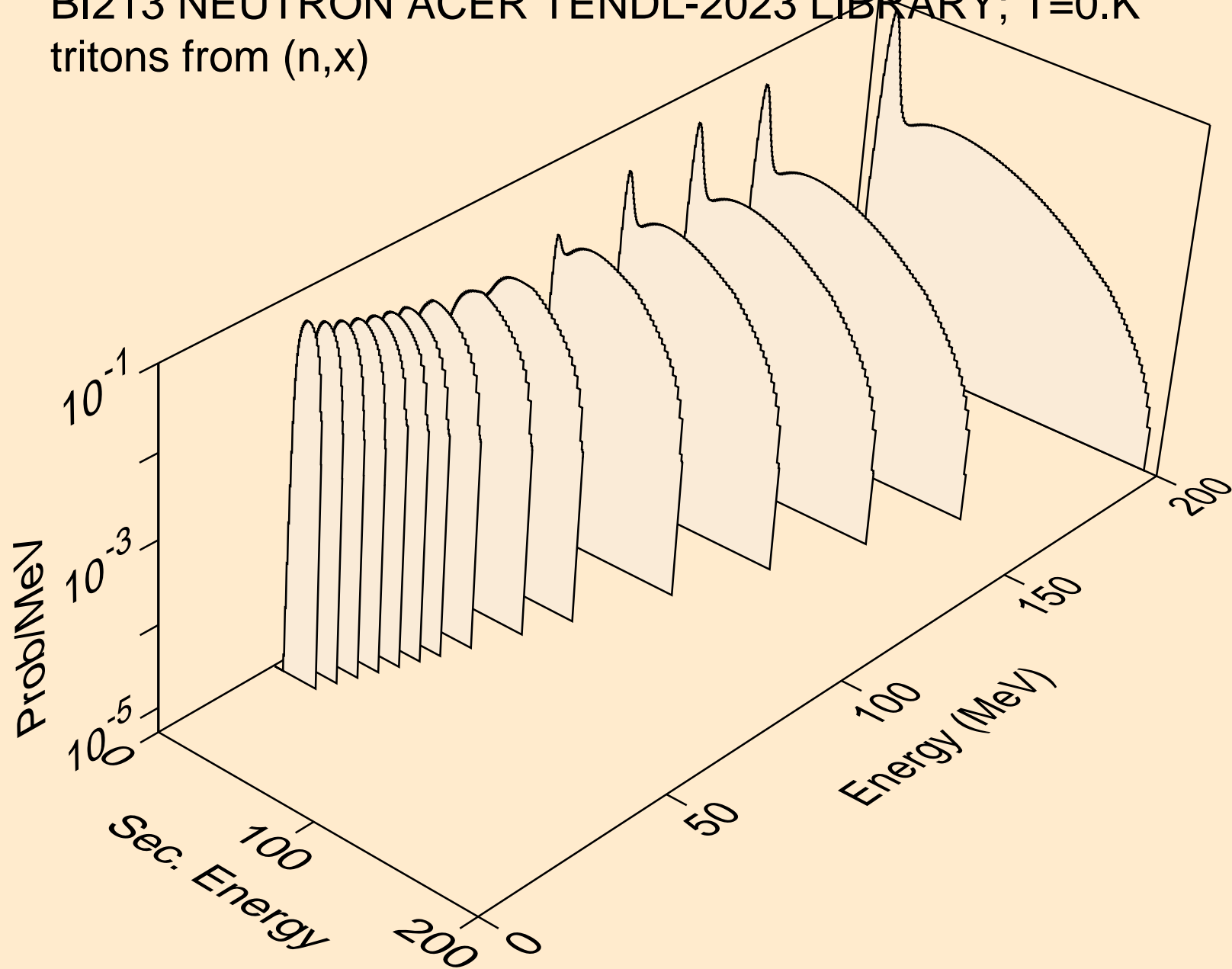




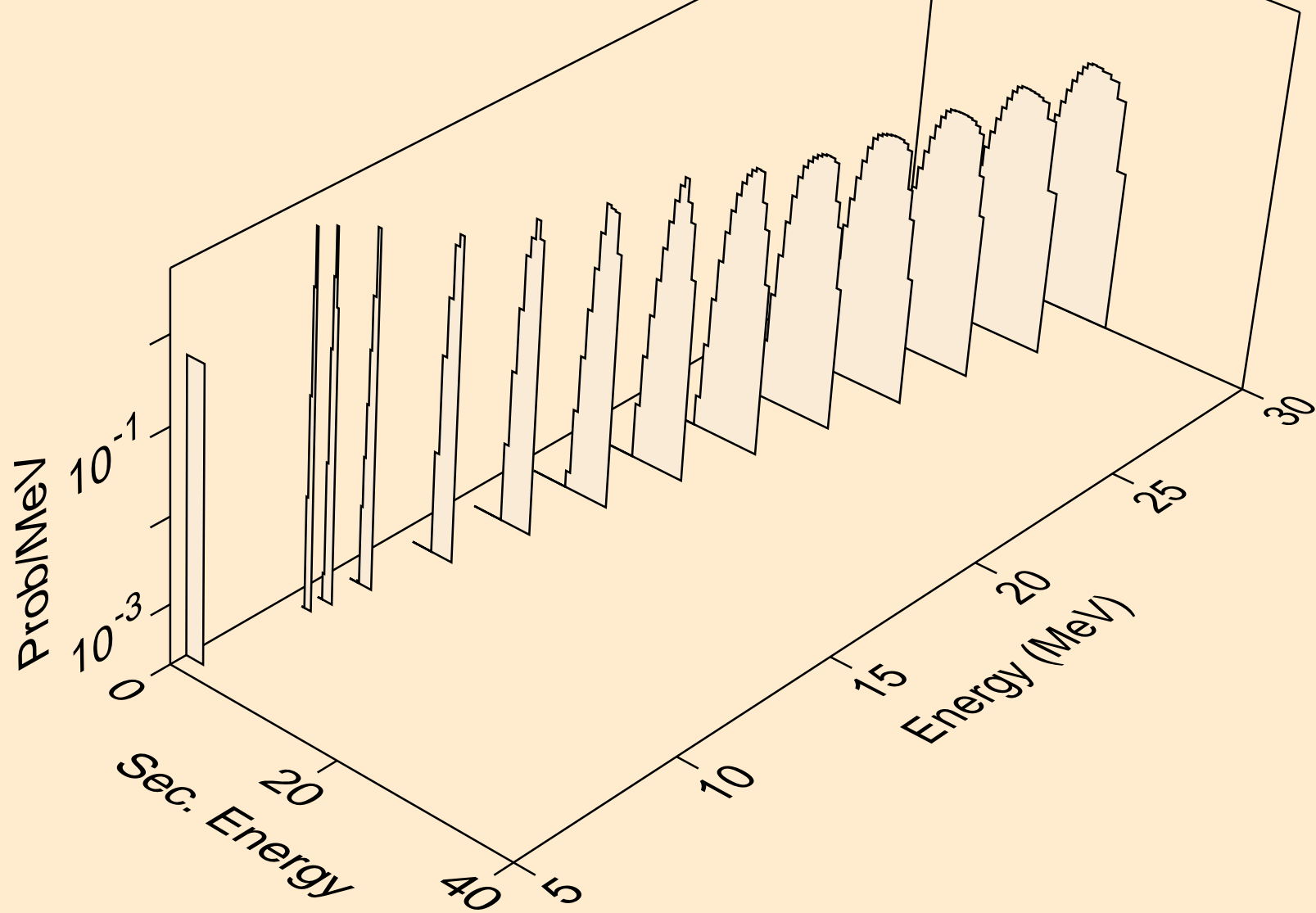
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,d)



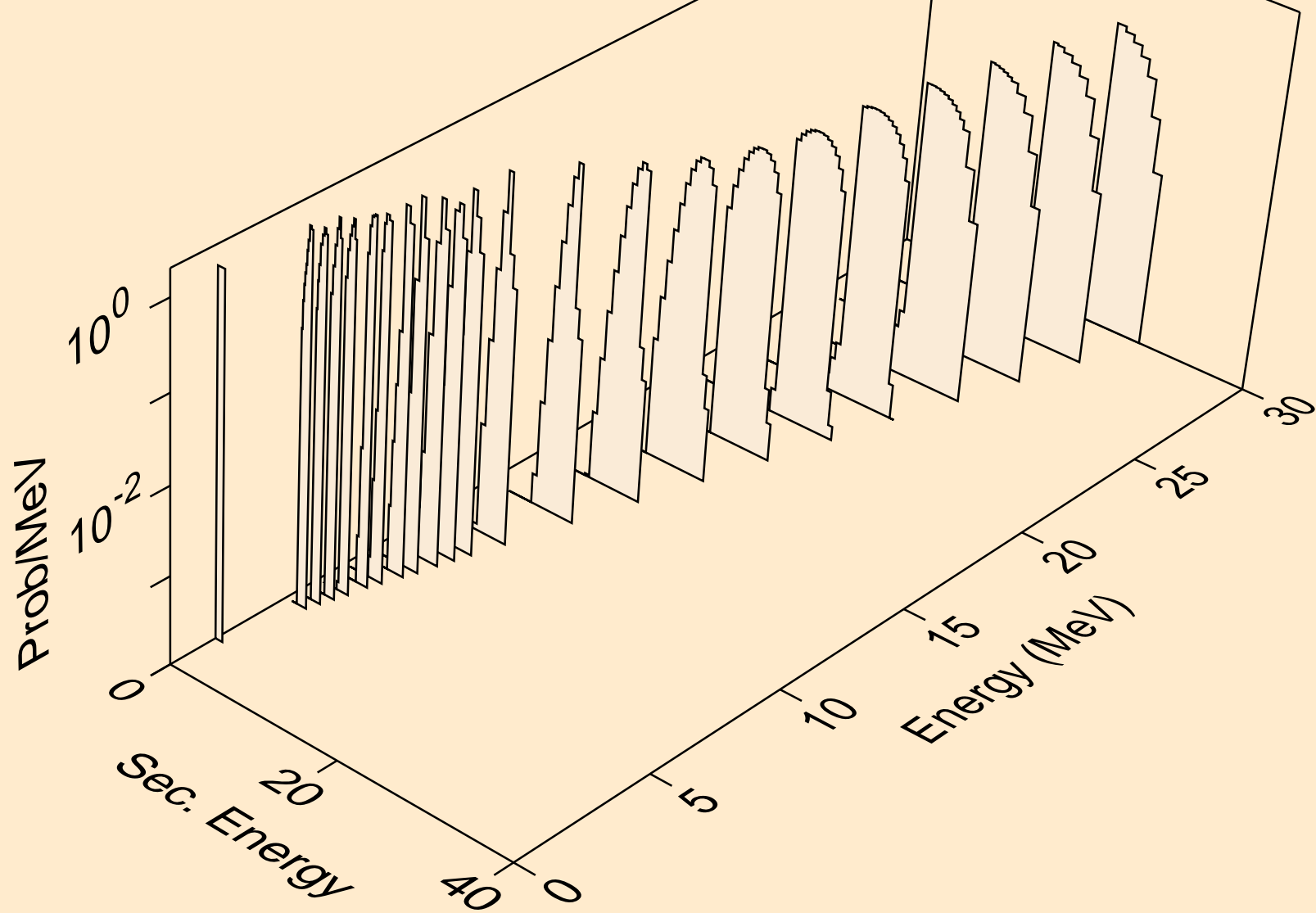
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,x)



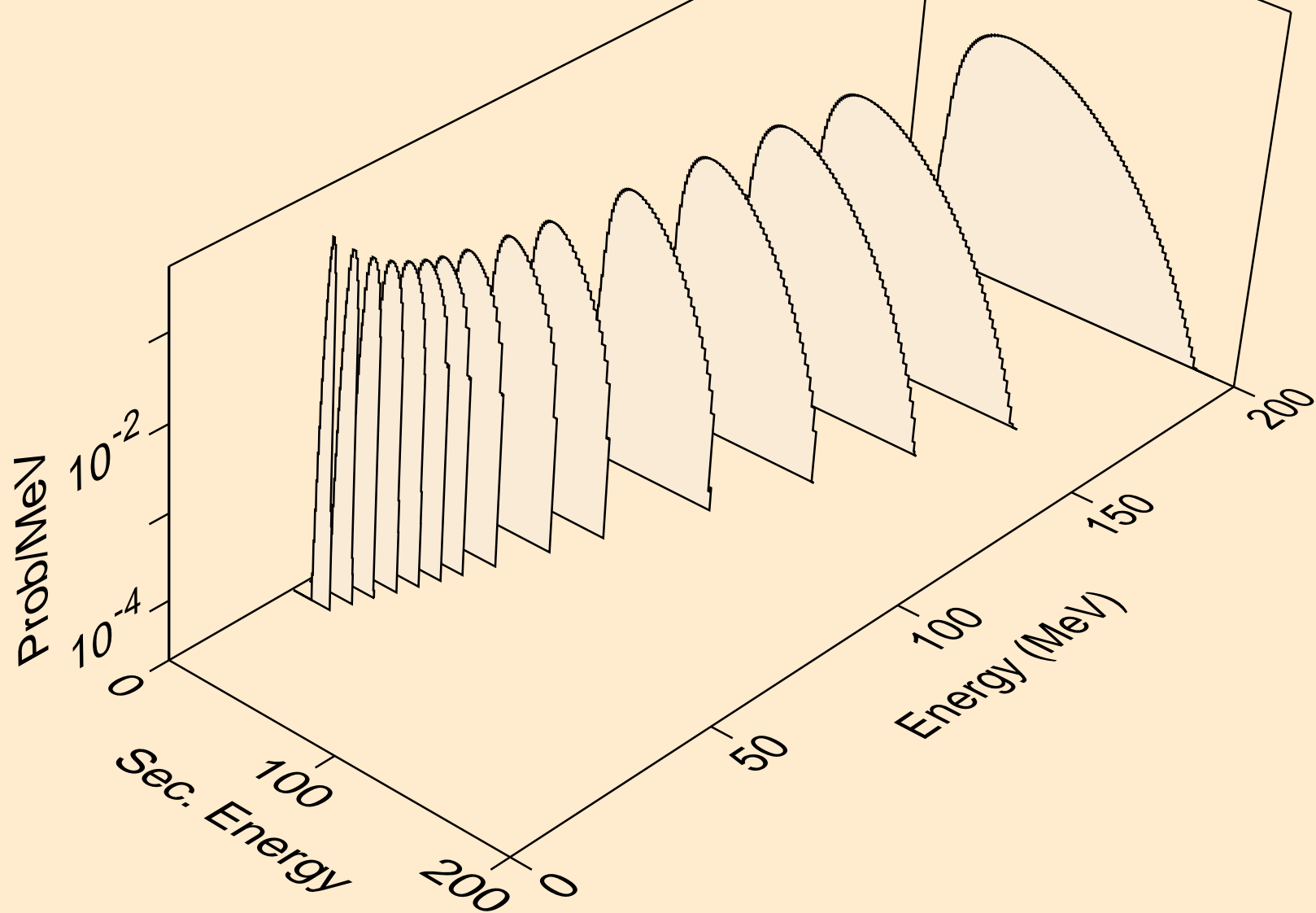
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t



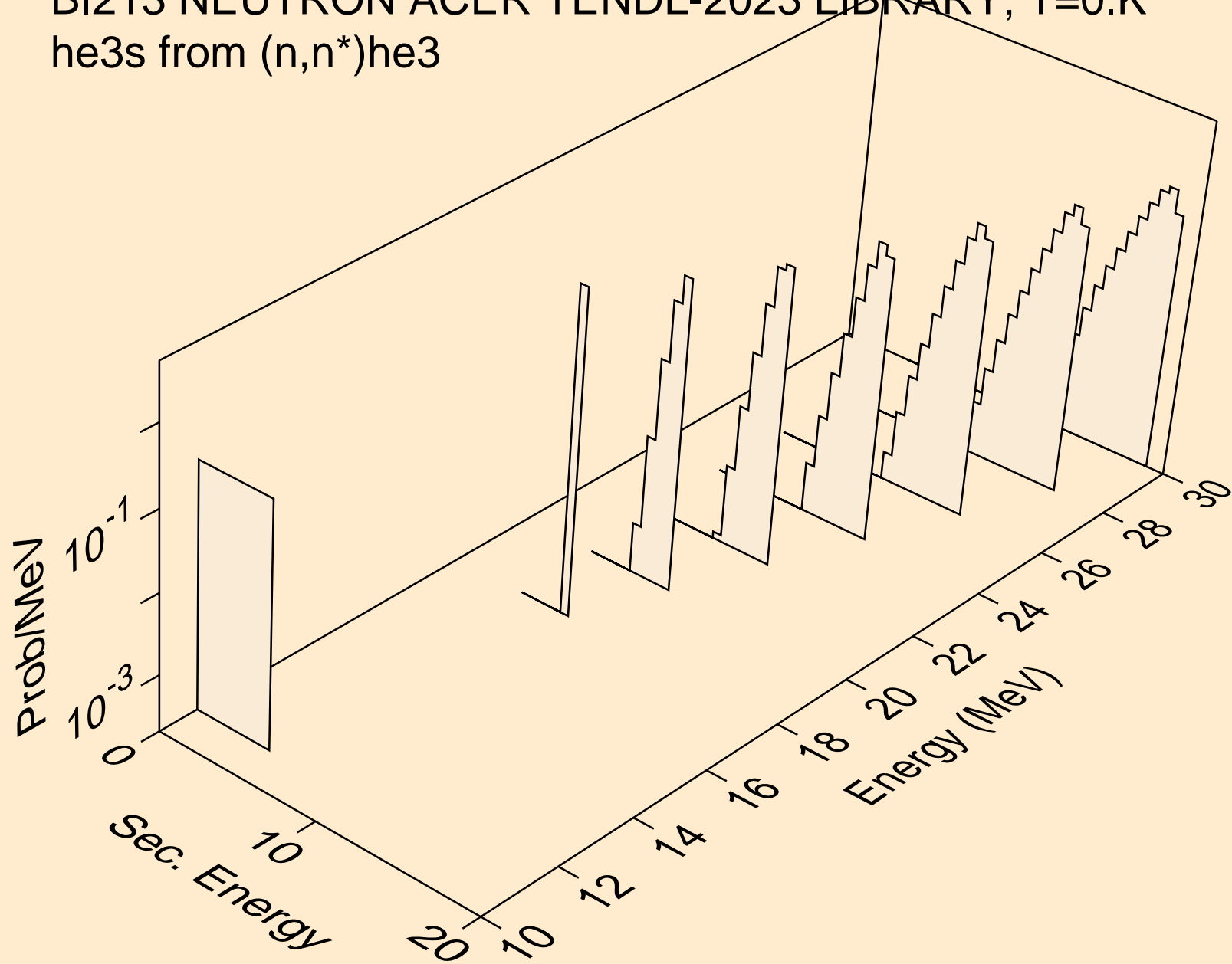
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,t)



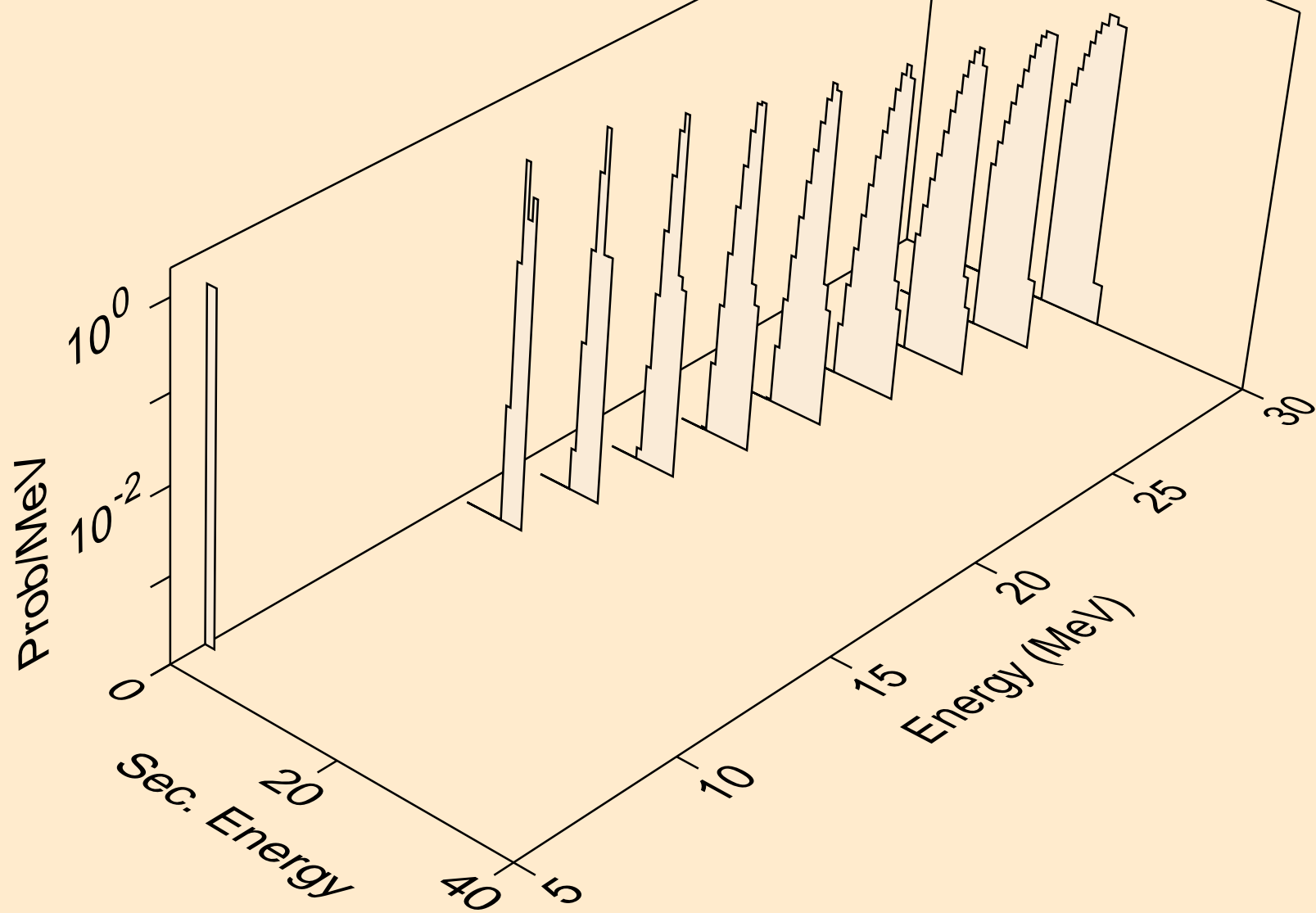
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,x)



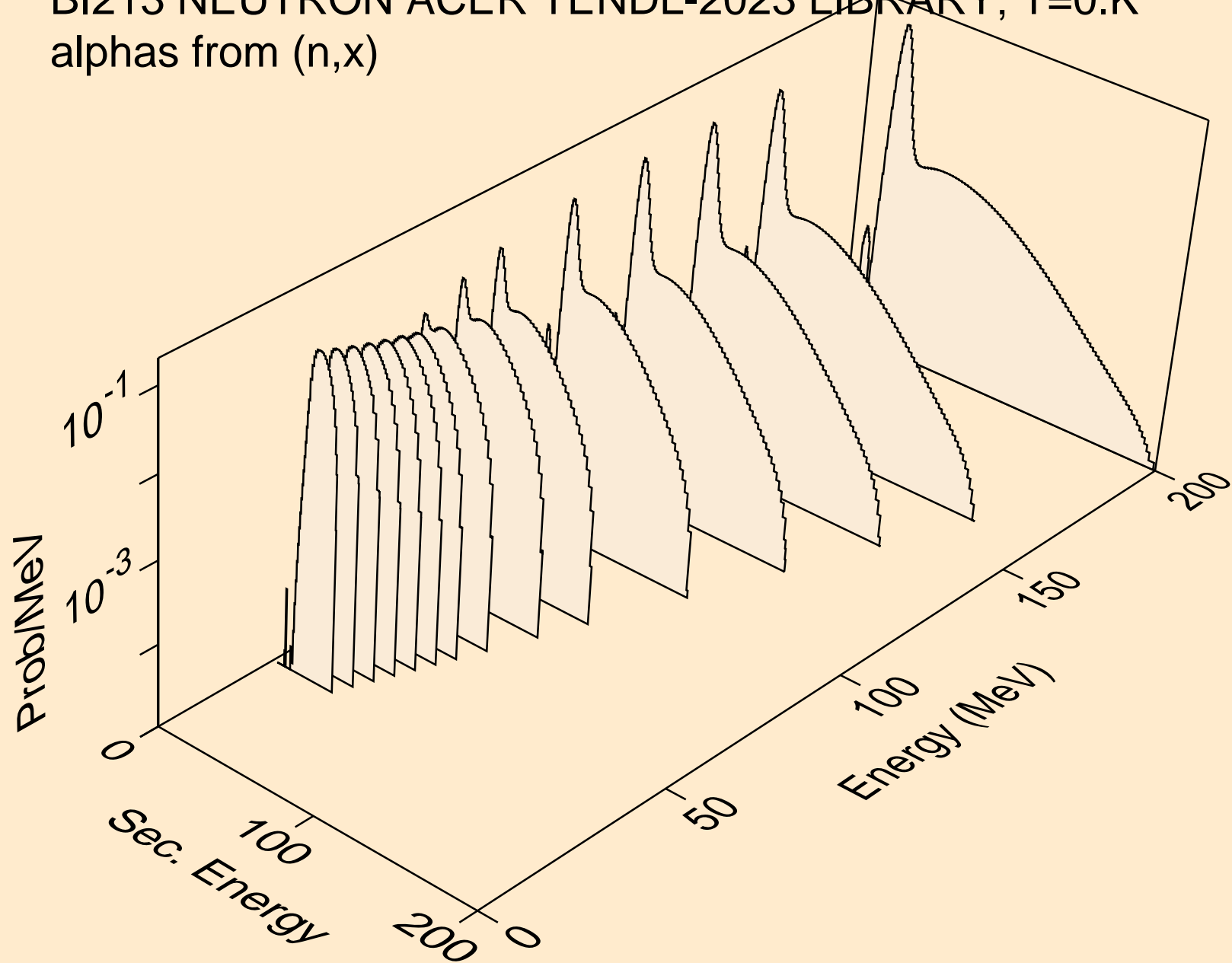
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,n\*)he3



BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,he3)

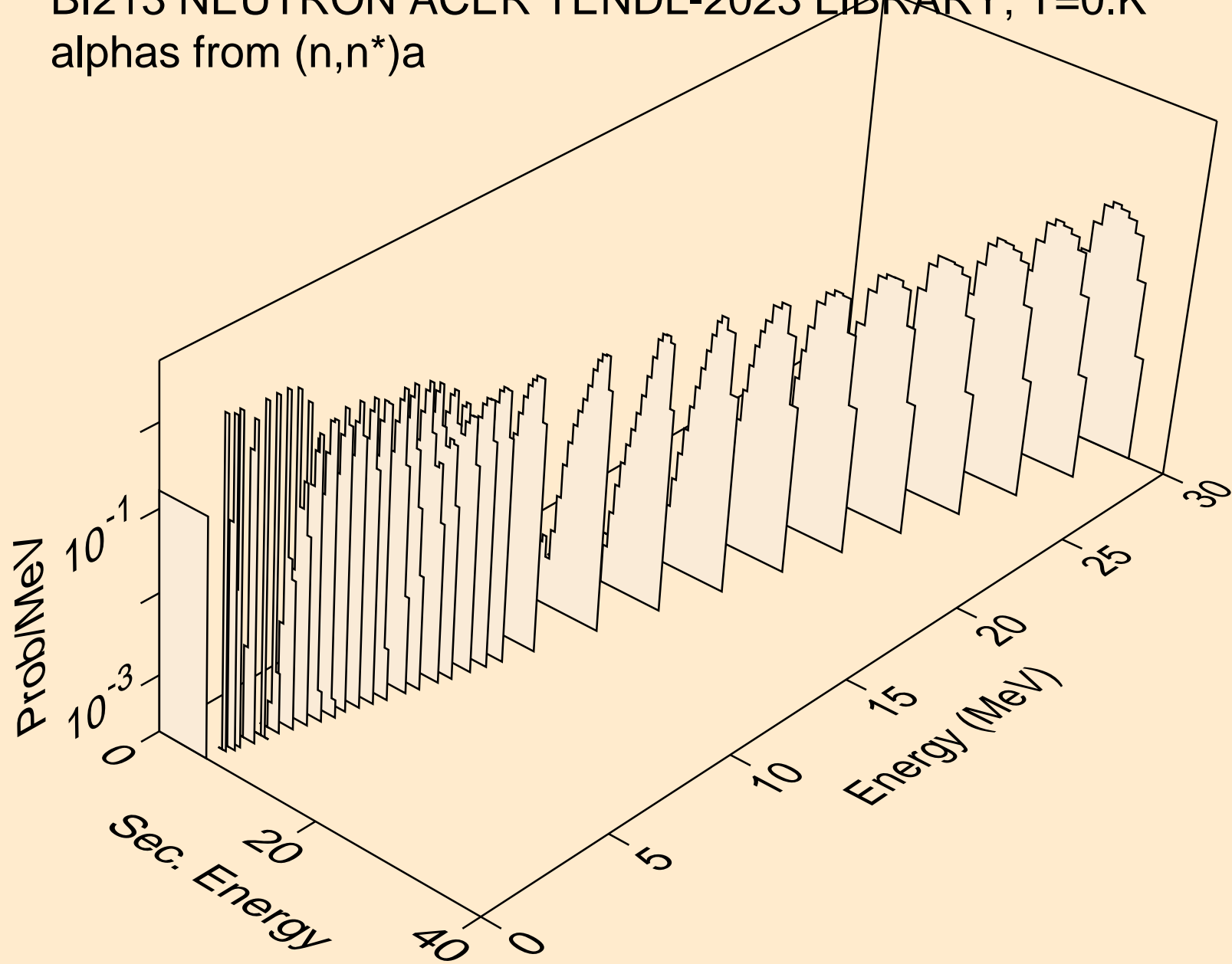


BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)

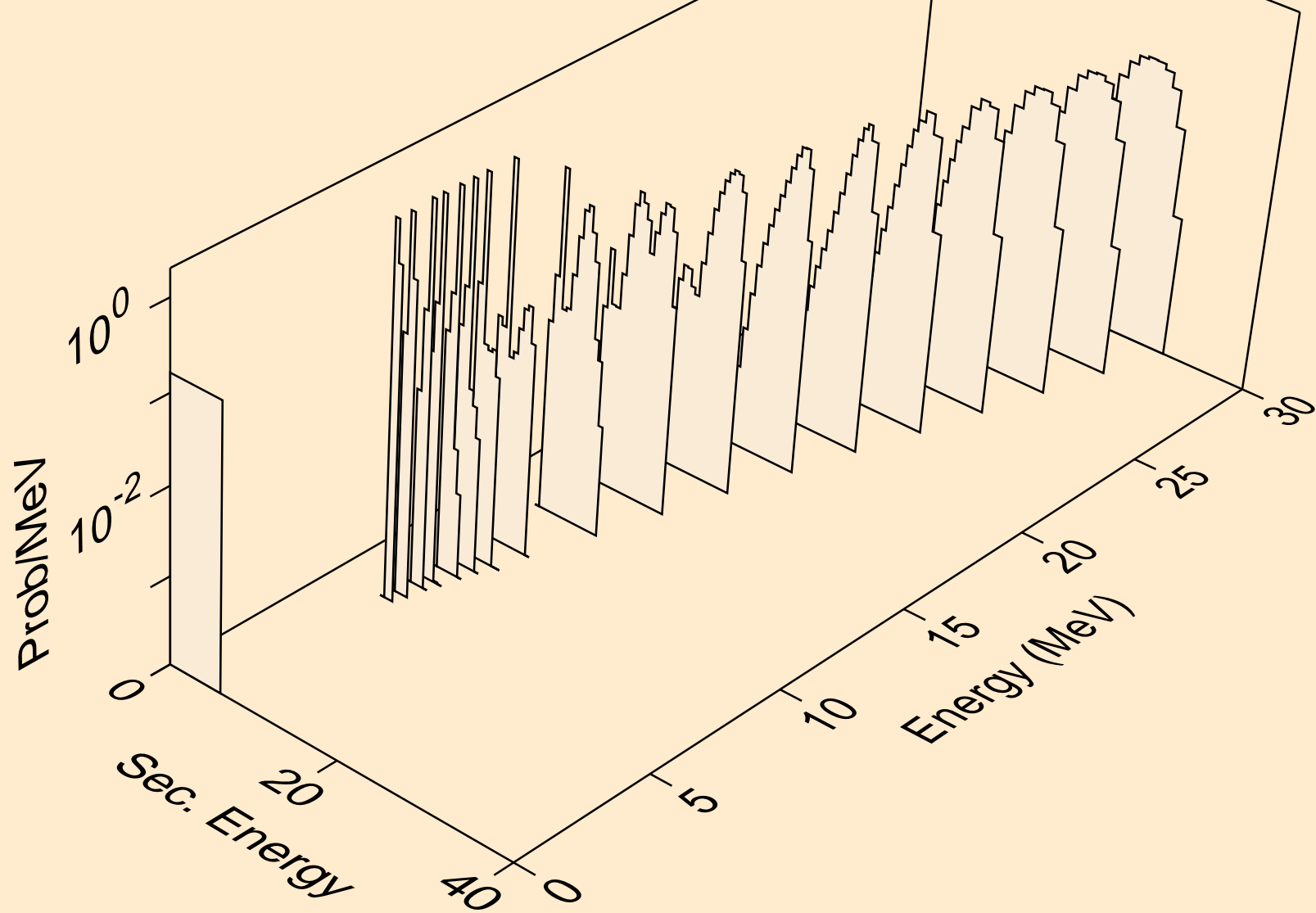




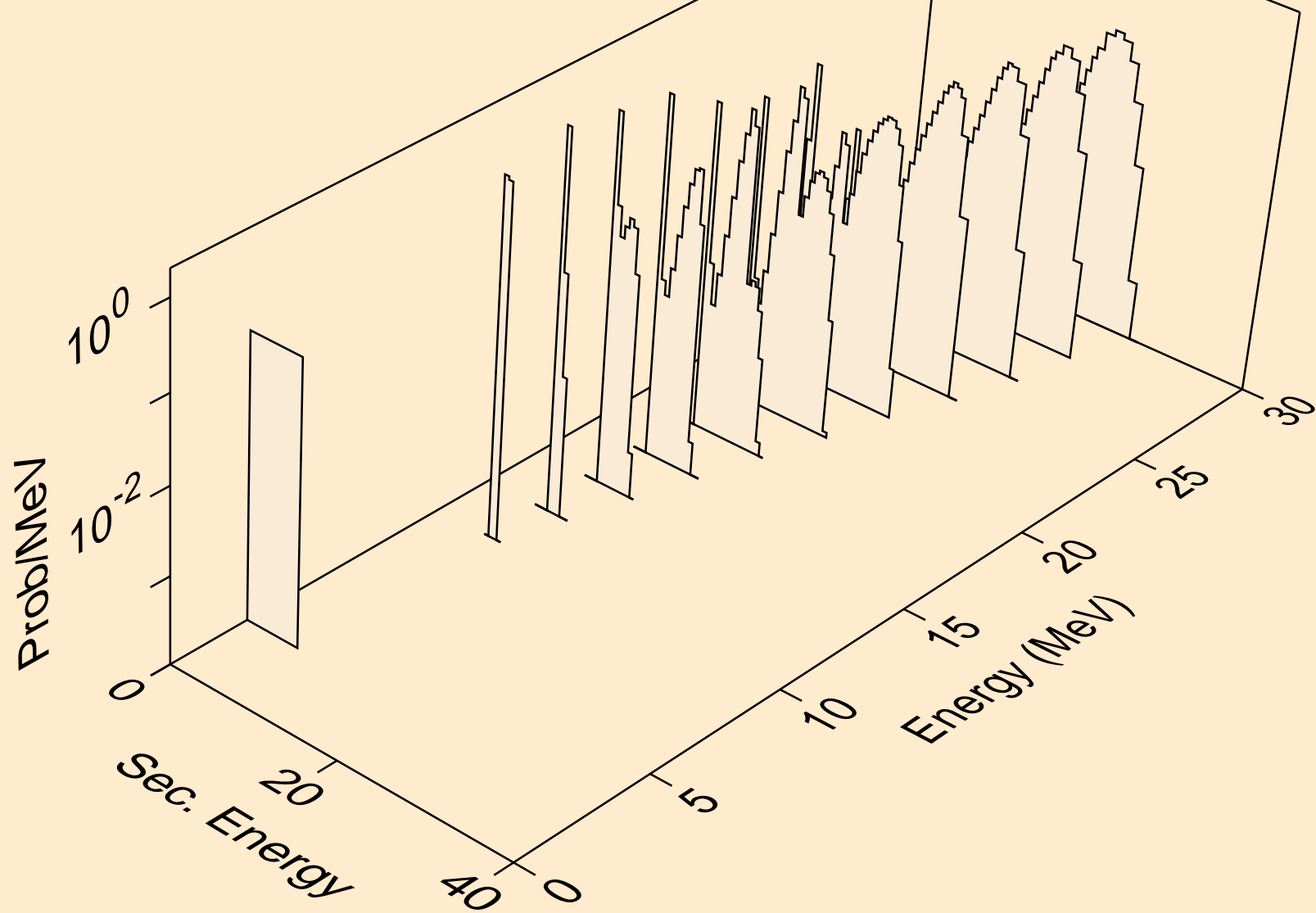
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a



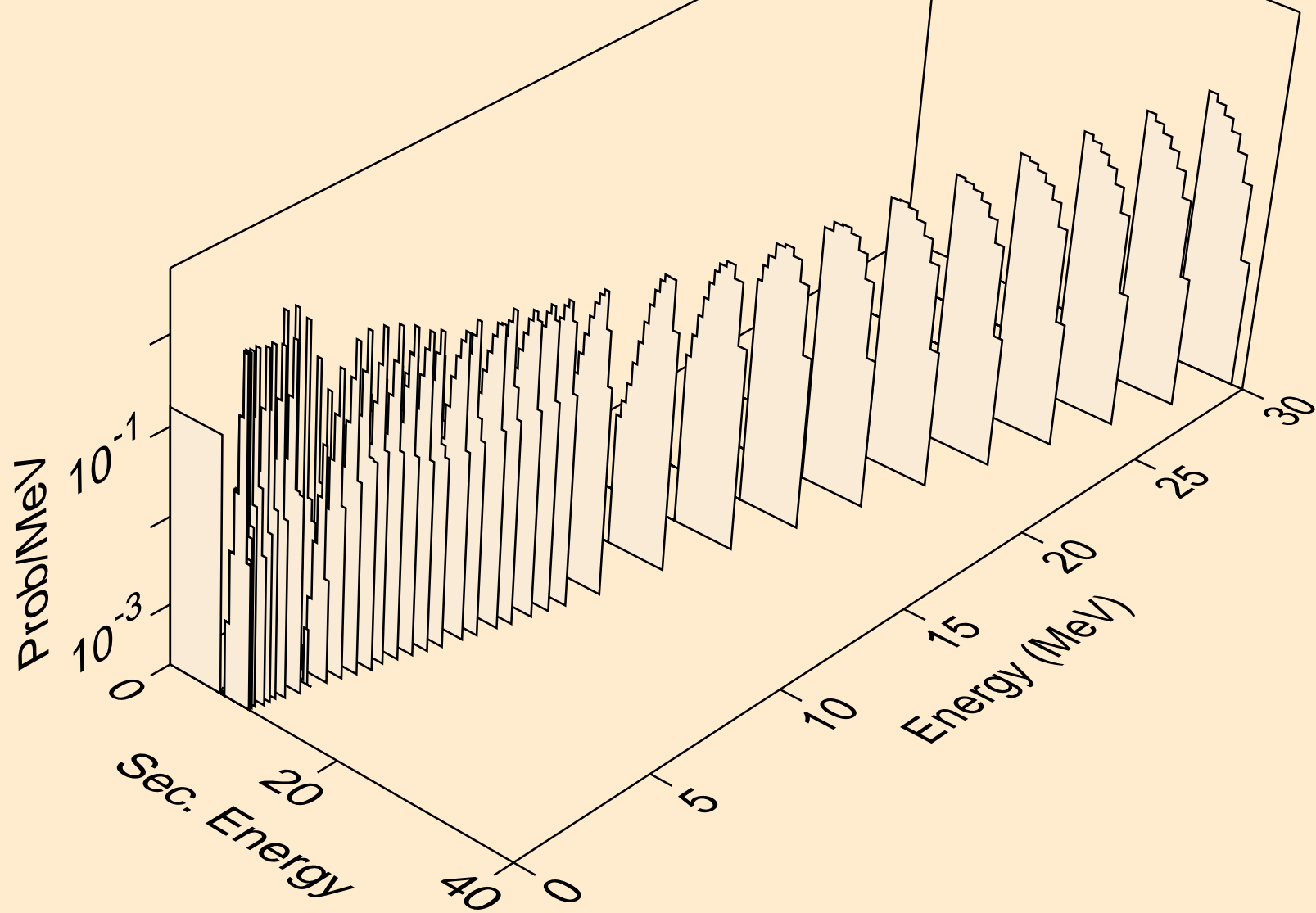
BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a



BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3n)a



BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)



BI213 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2a)

