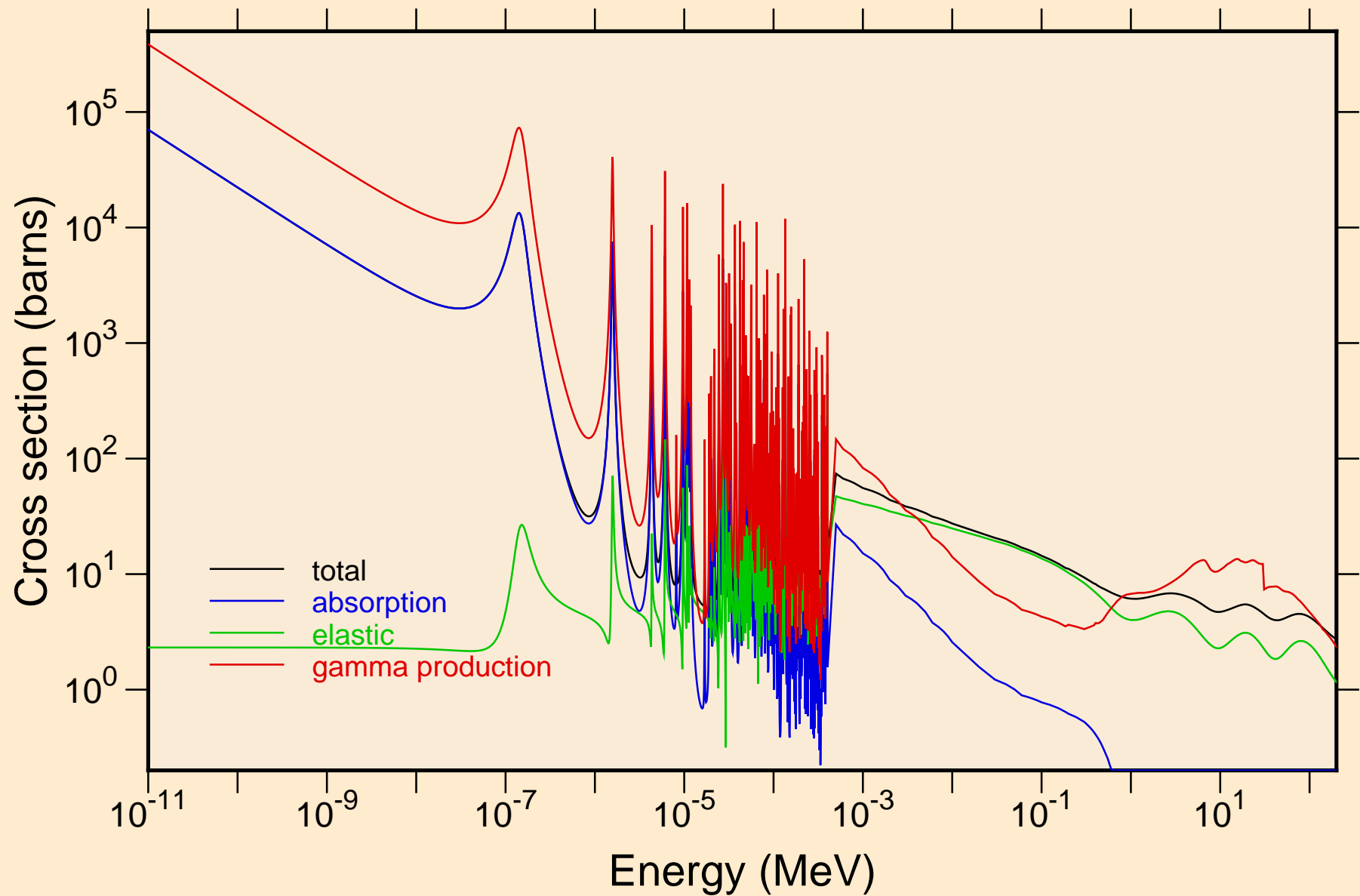
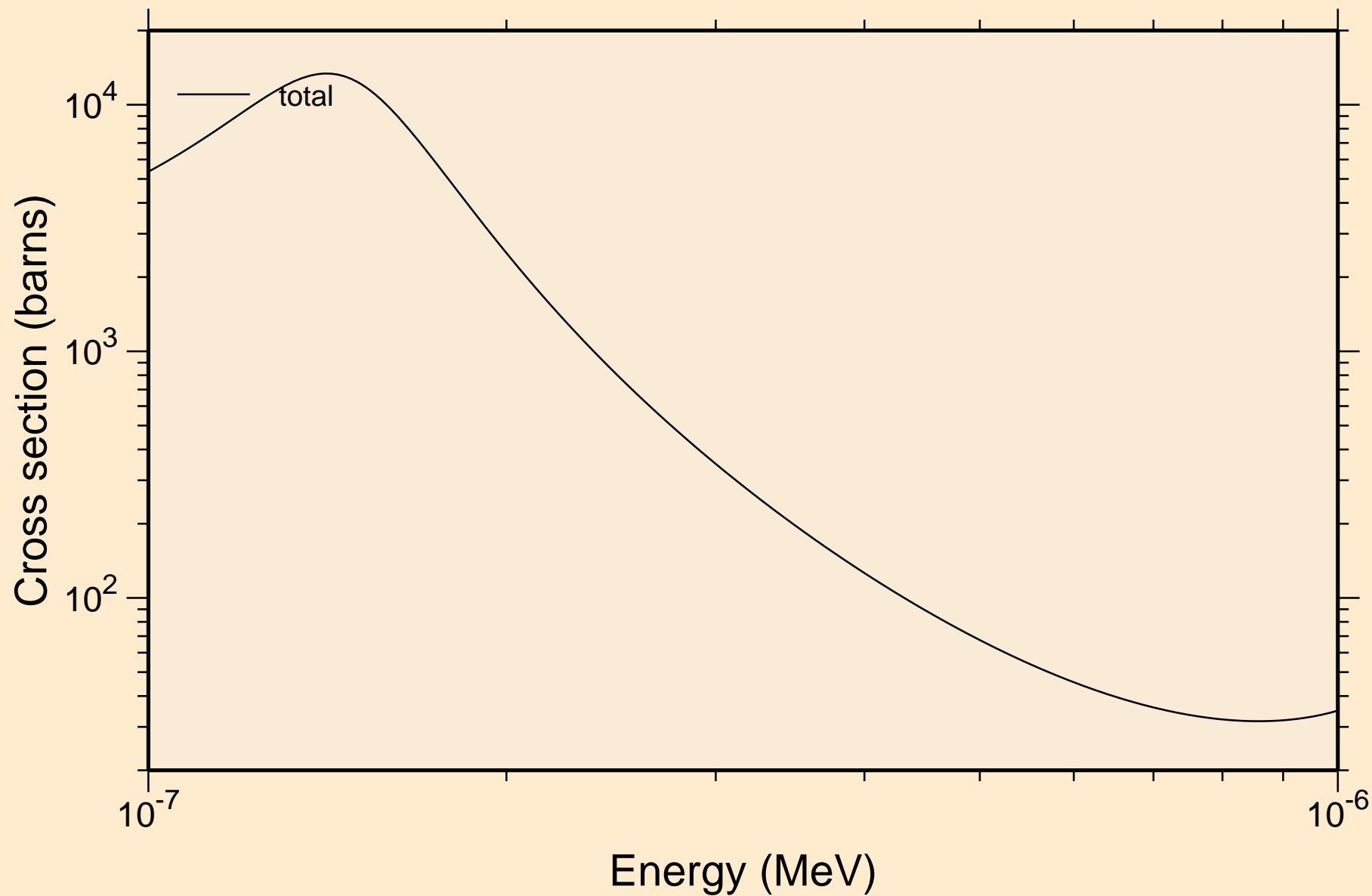


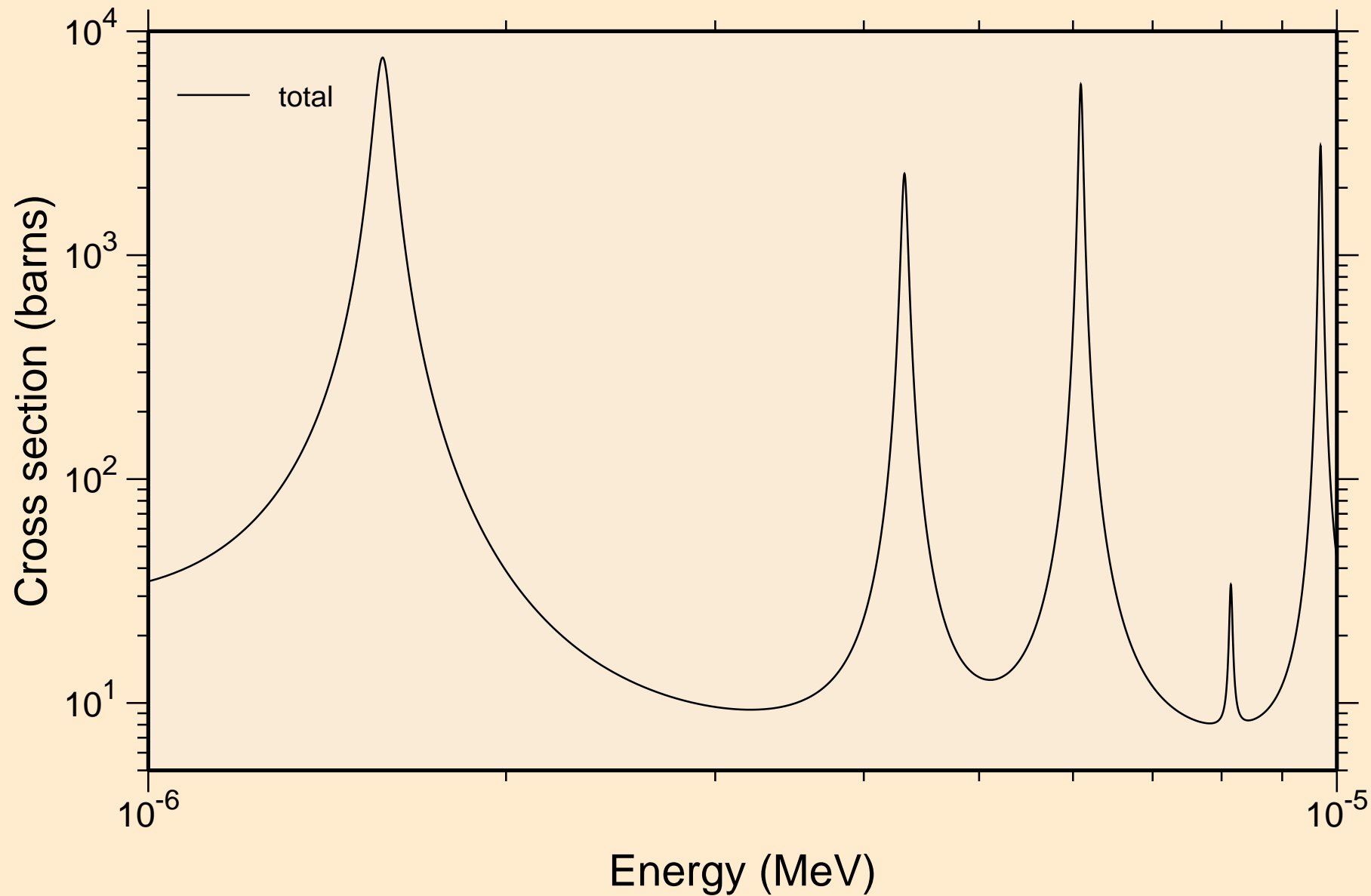
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



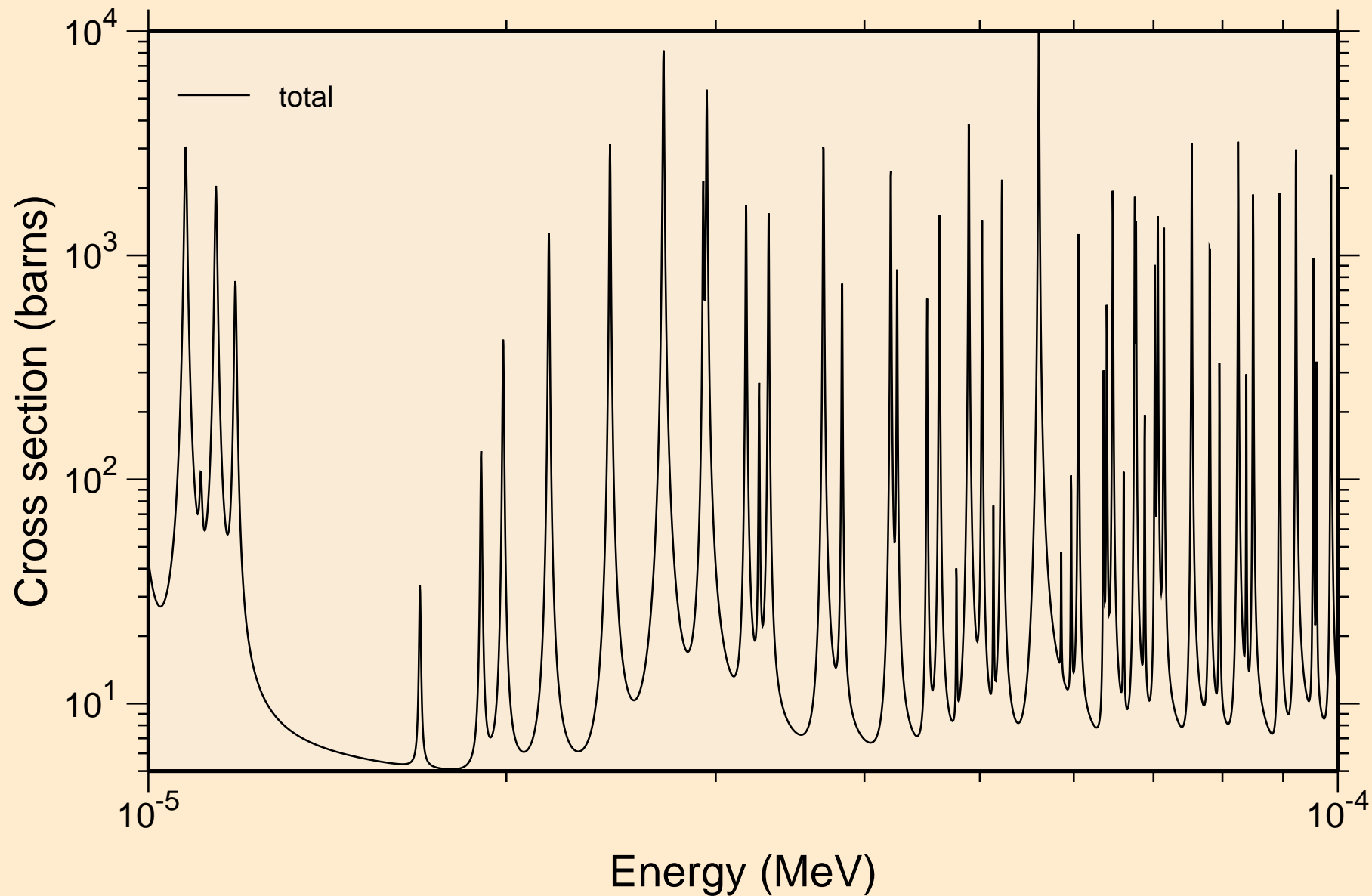
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



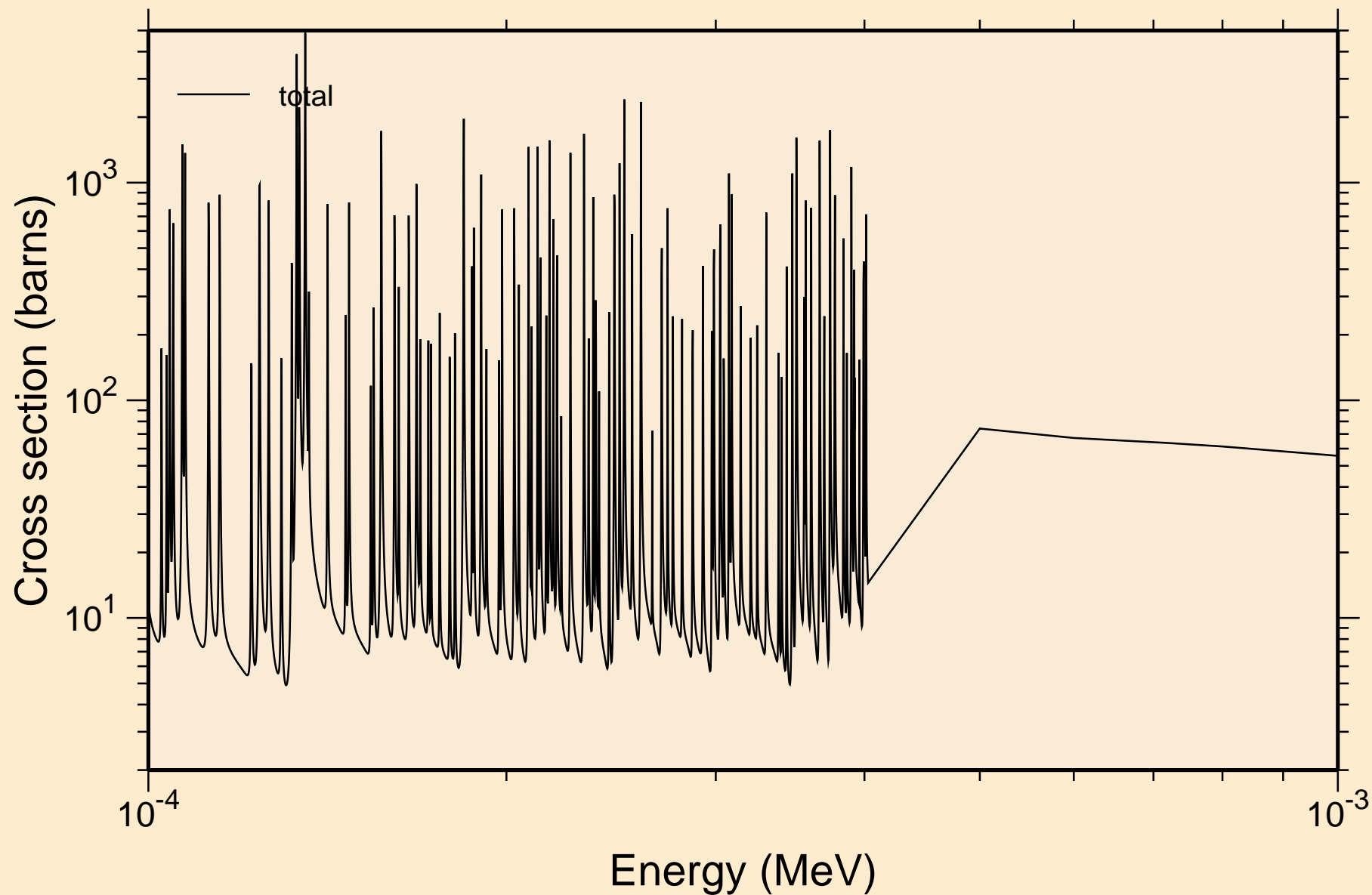
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



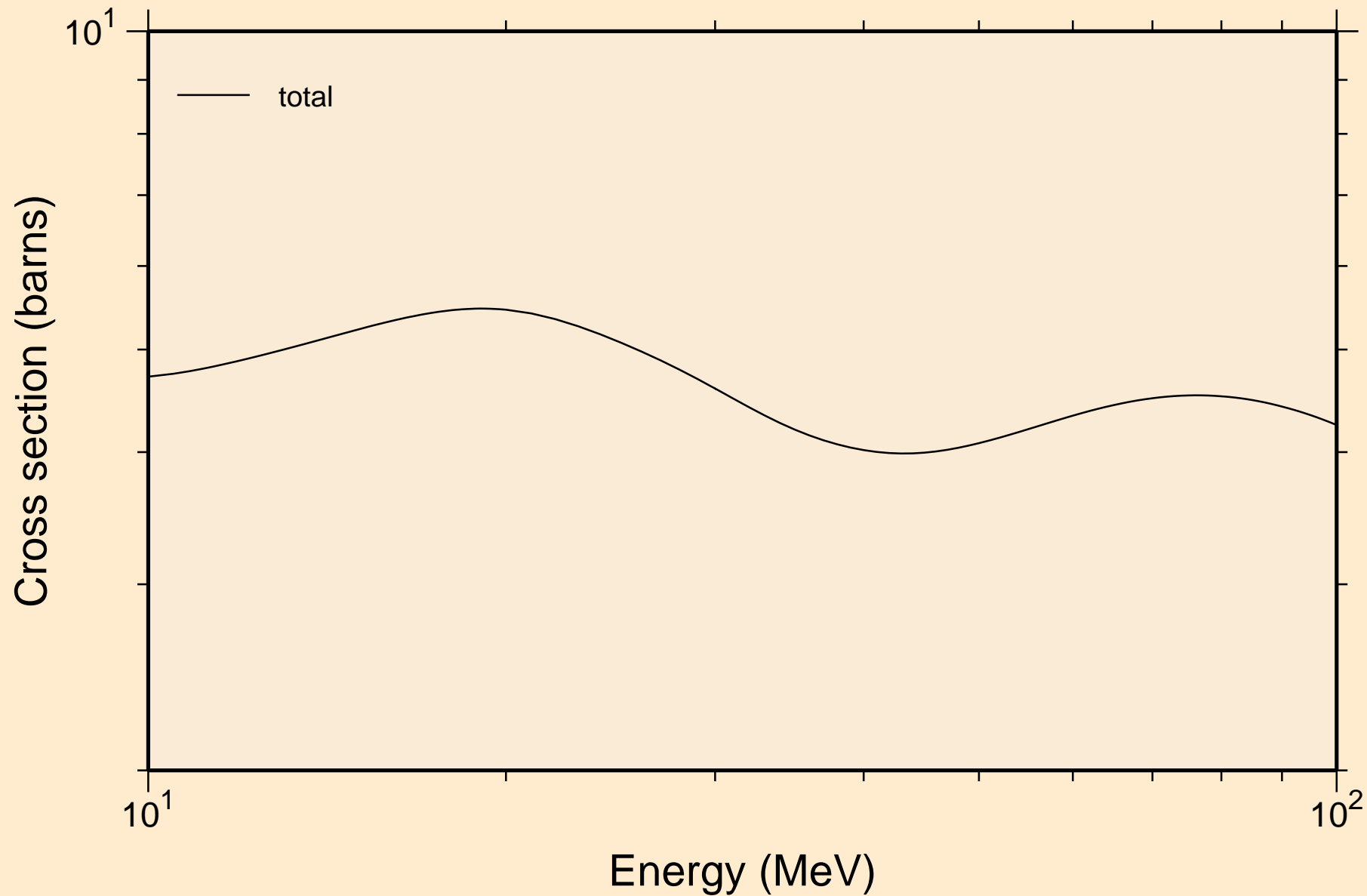
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



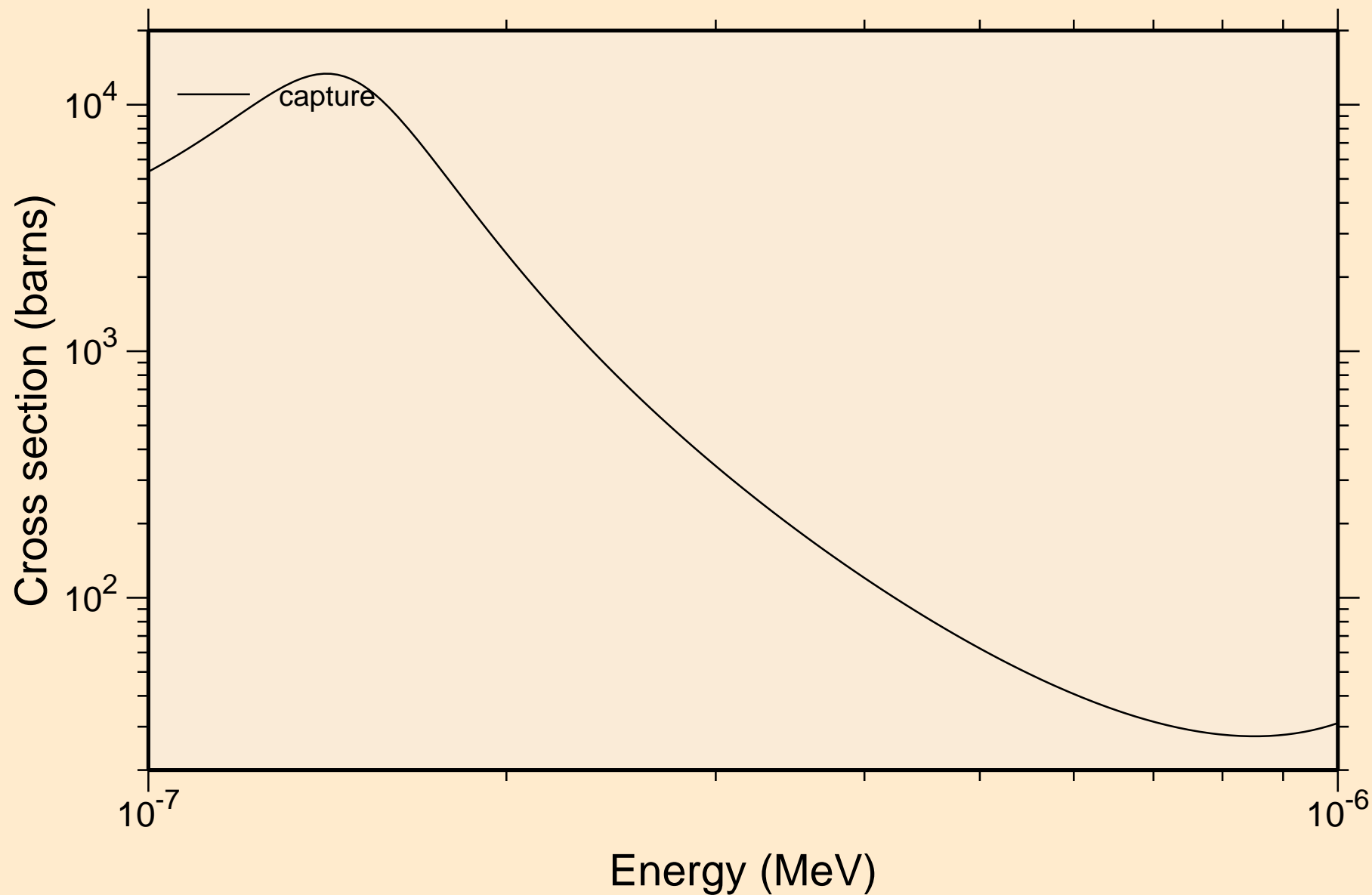
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



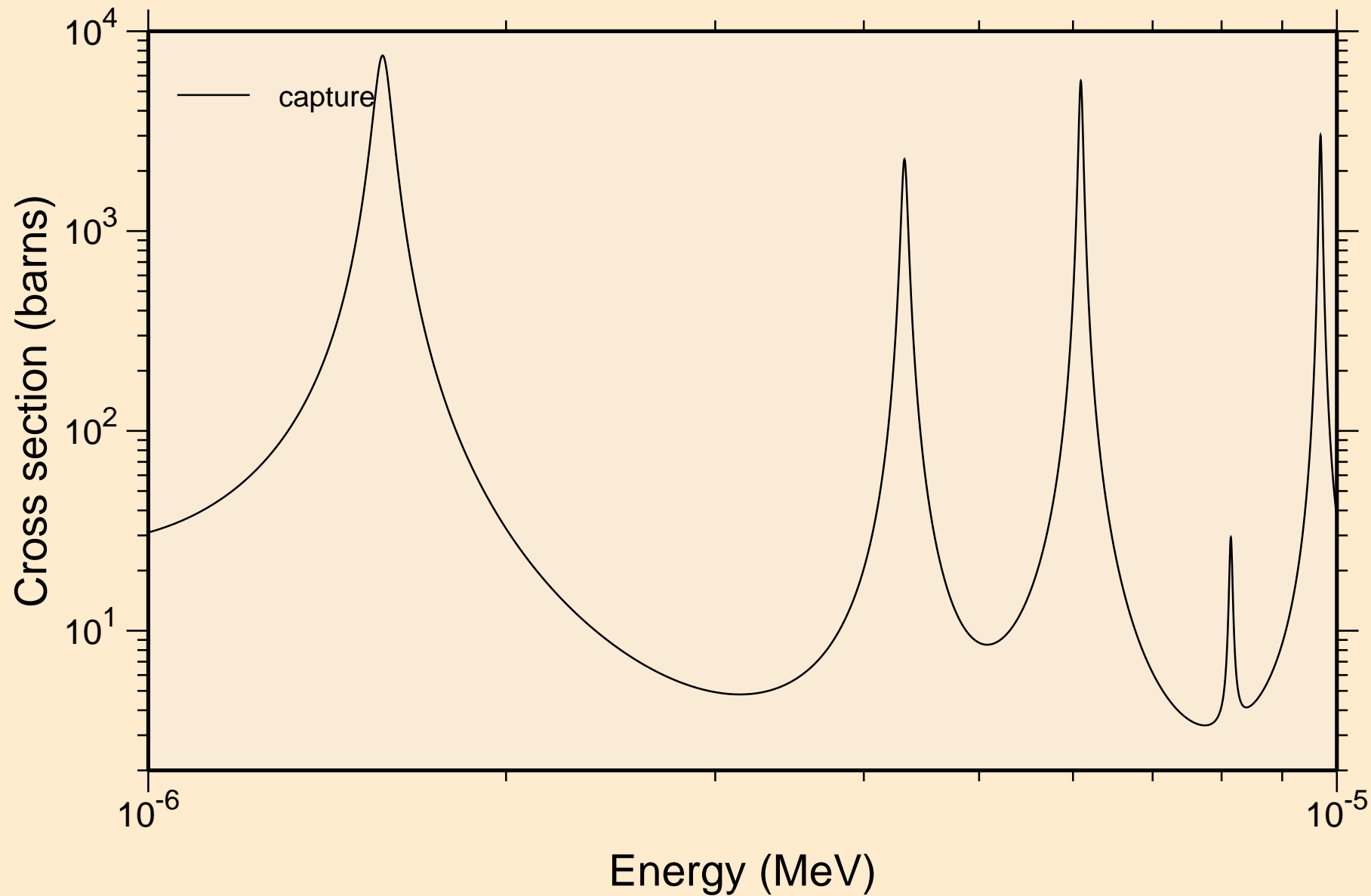
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

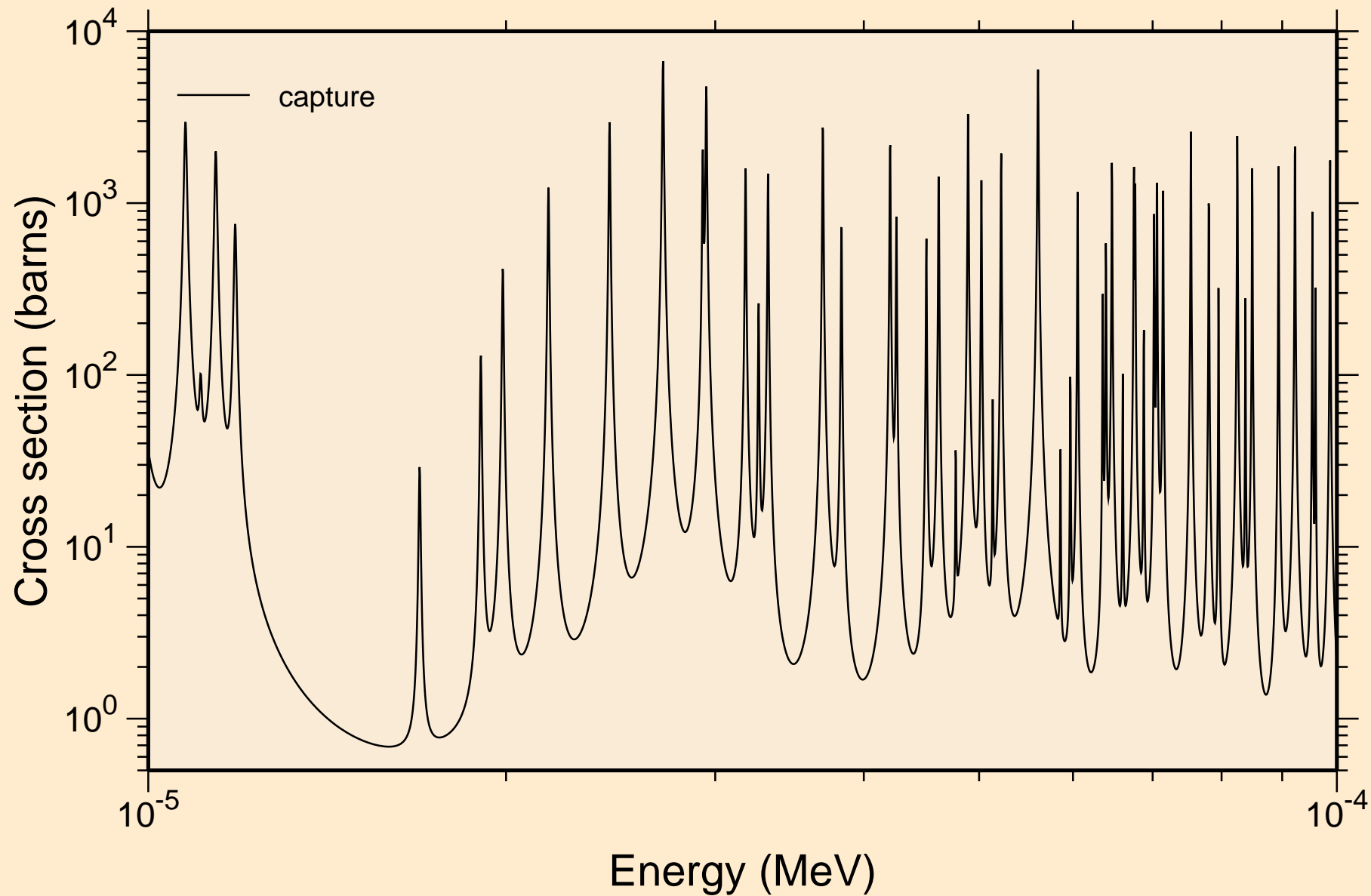


LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

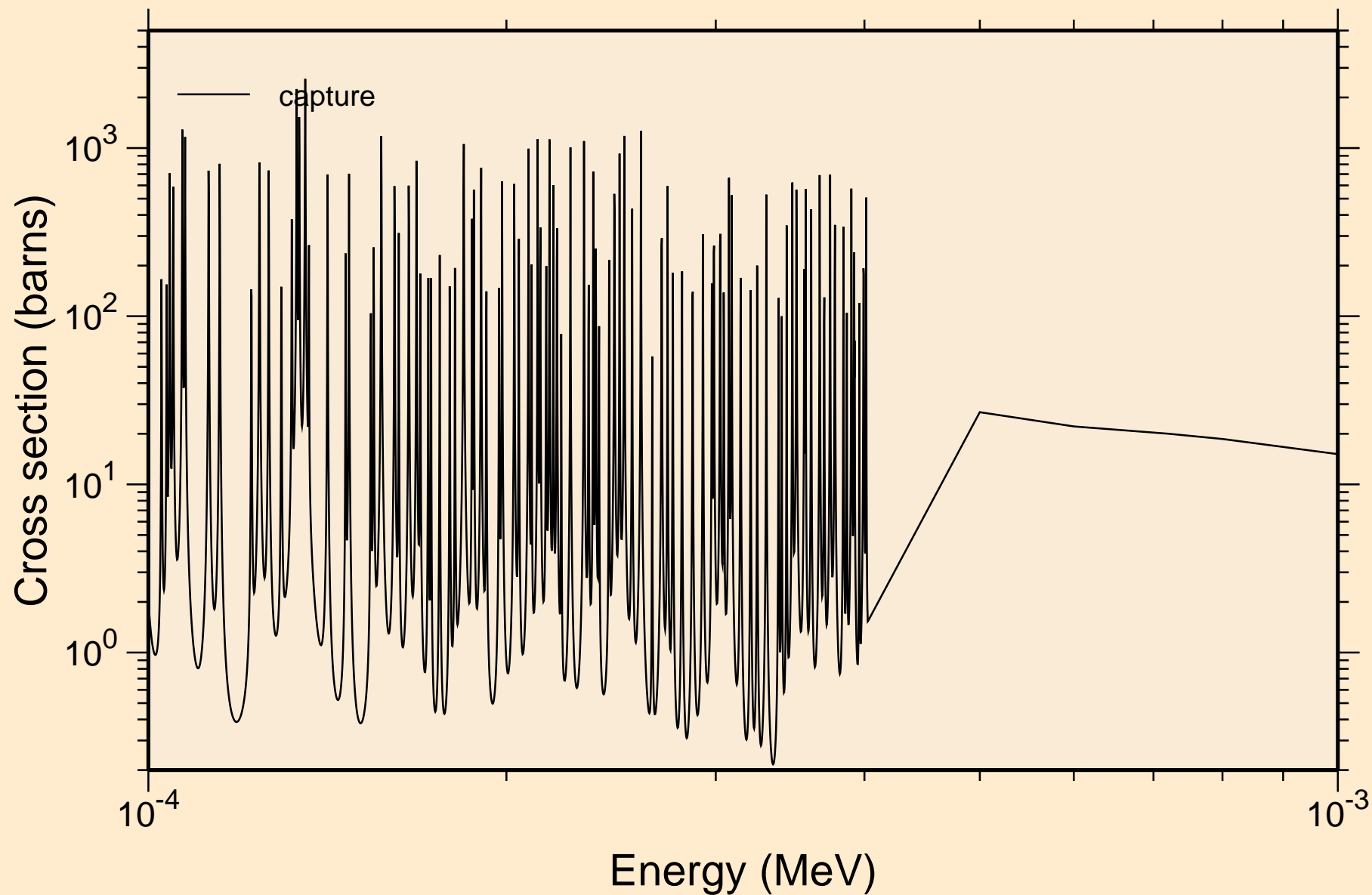




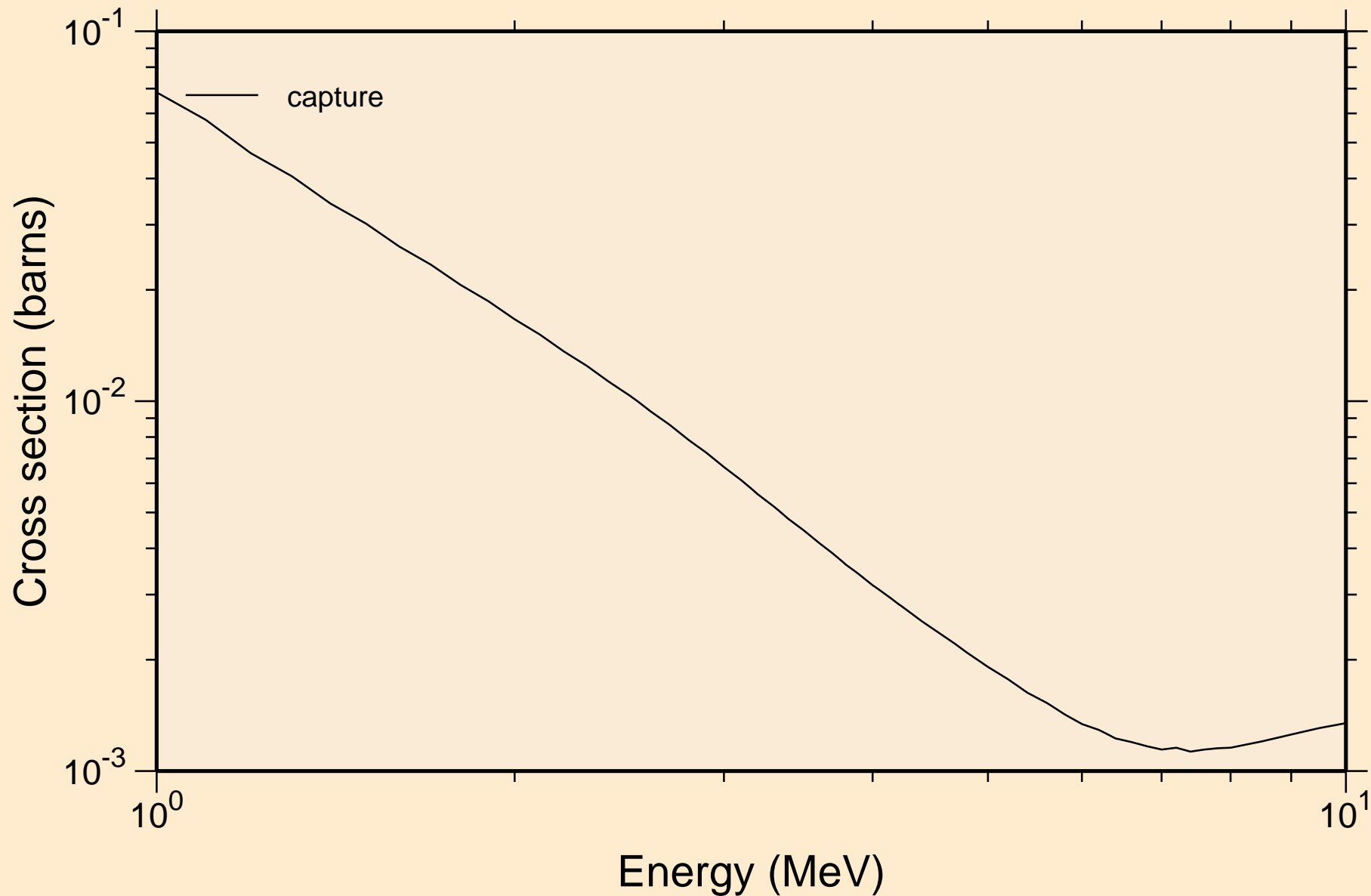
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



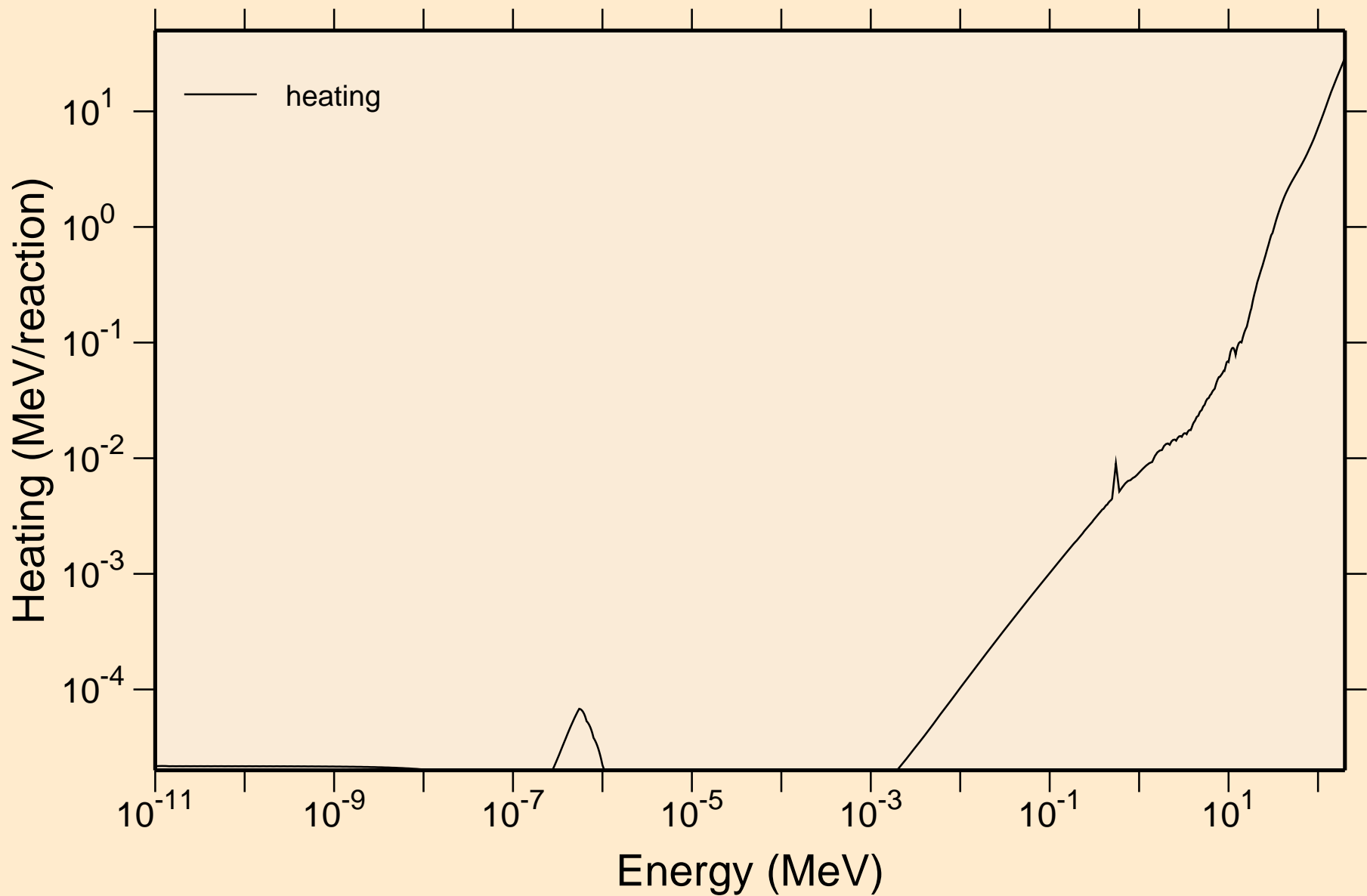
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



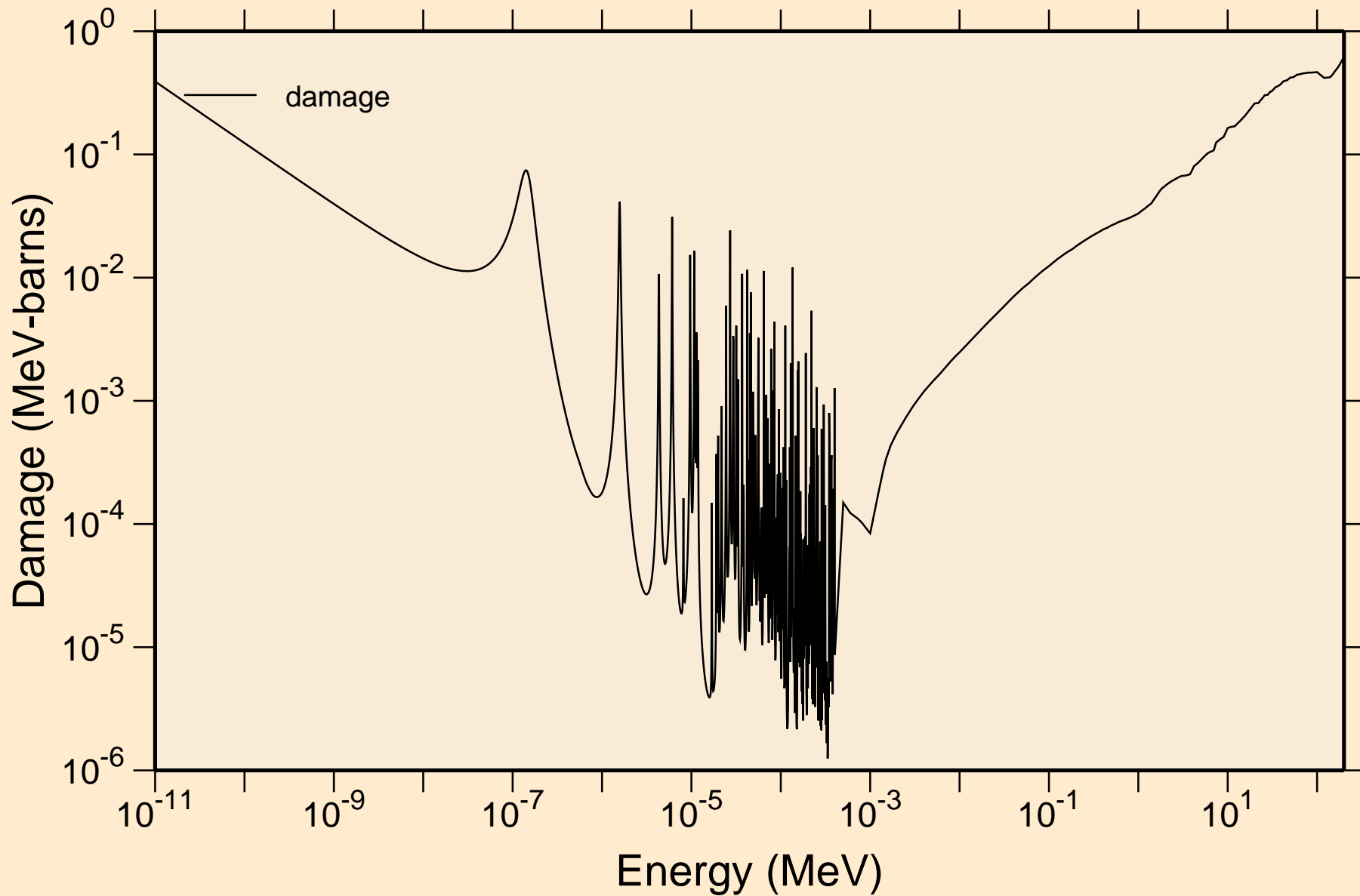
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



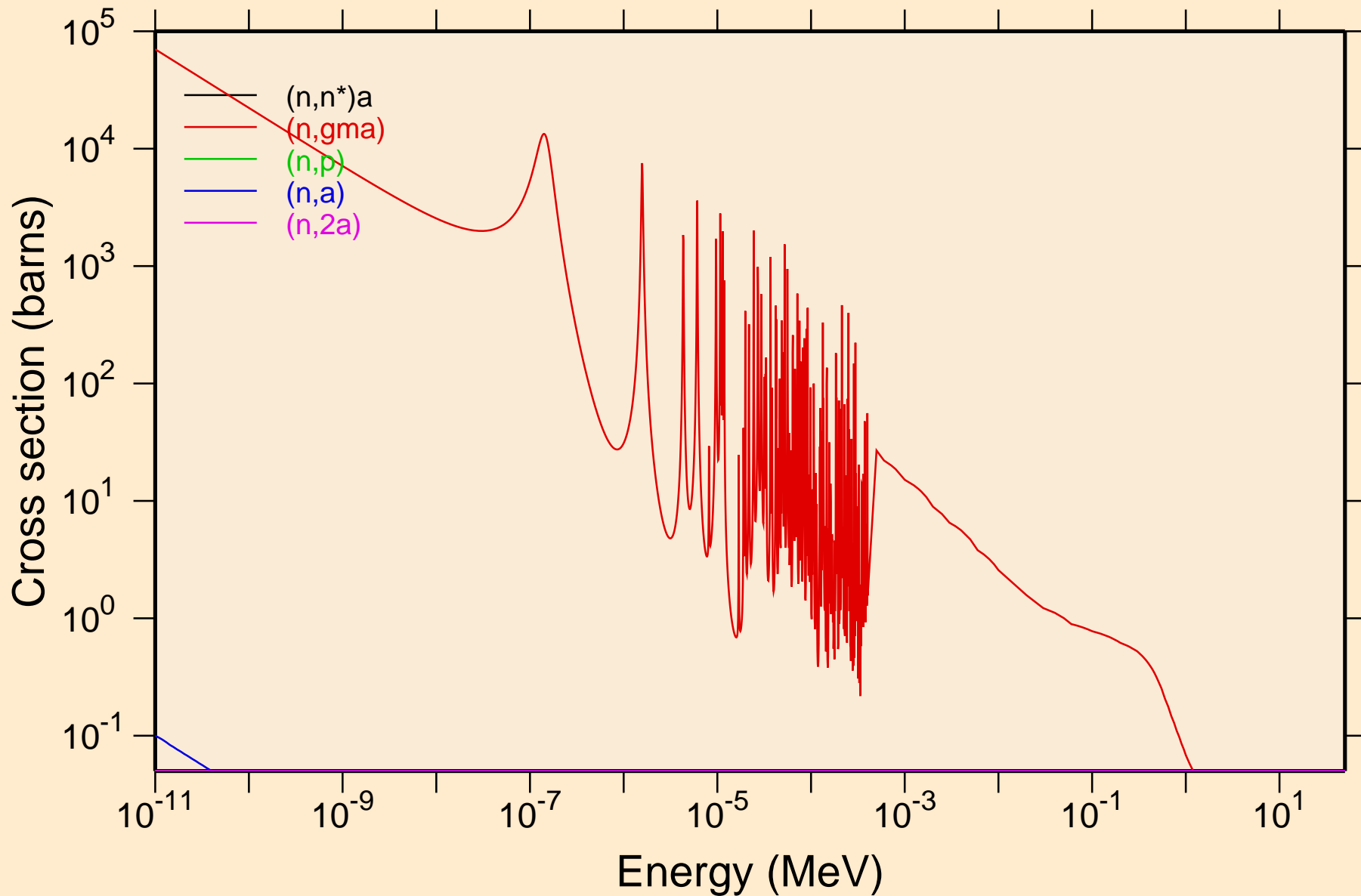
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Heating



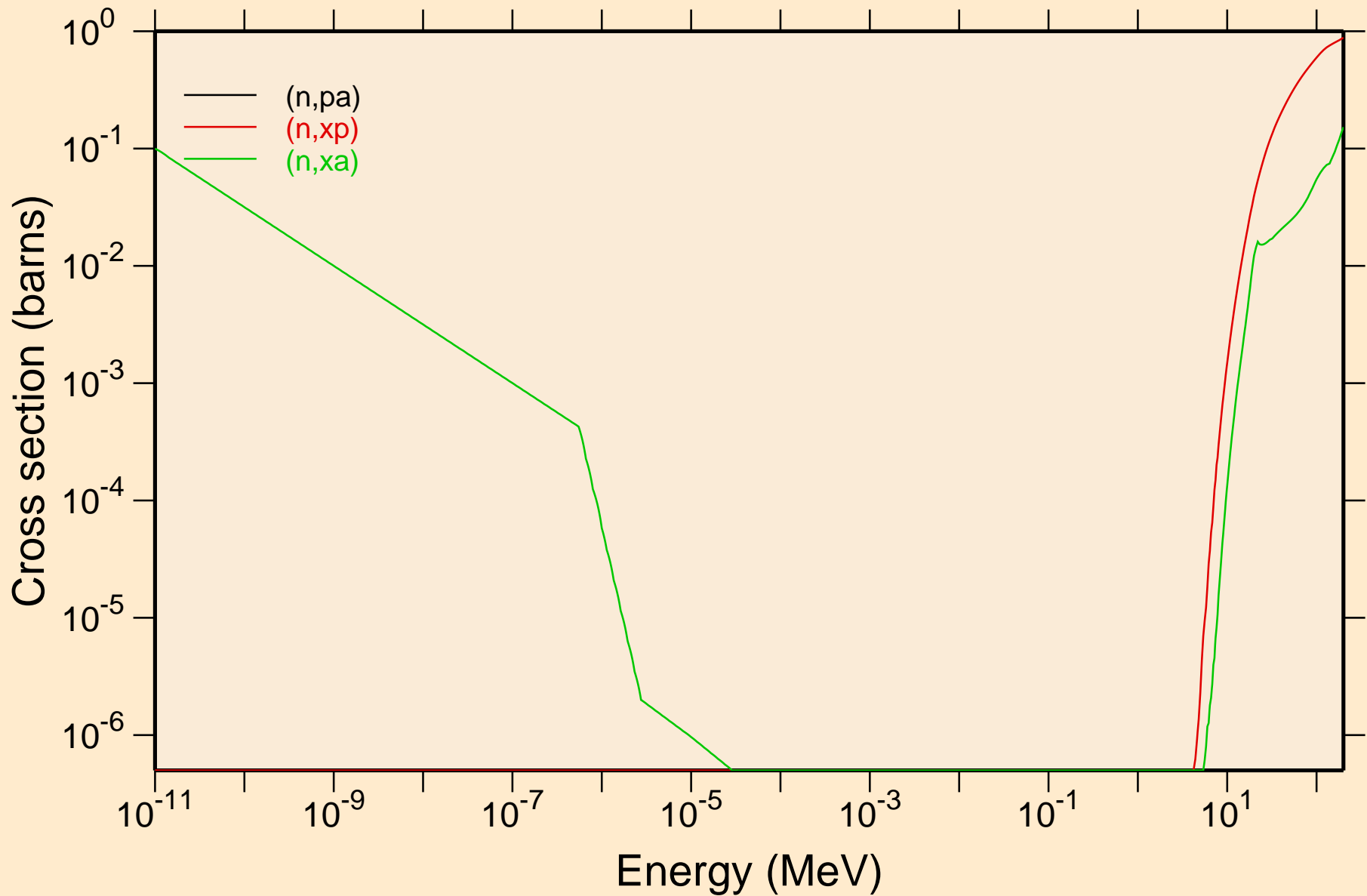
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage



LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

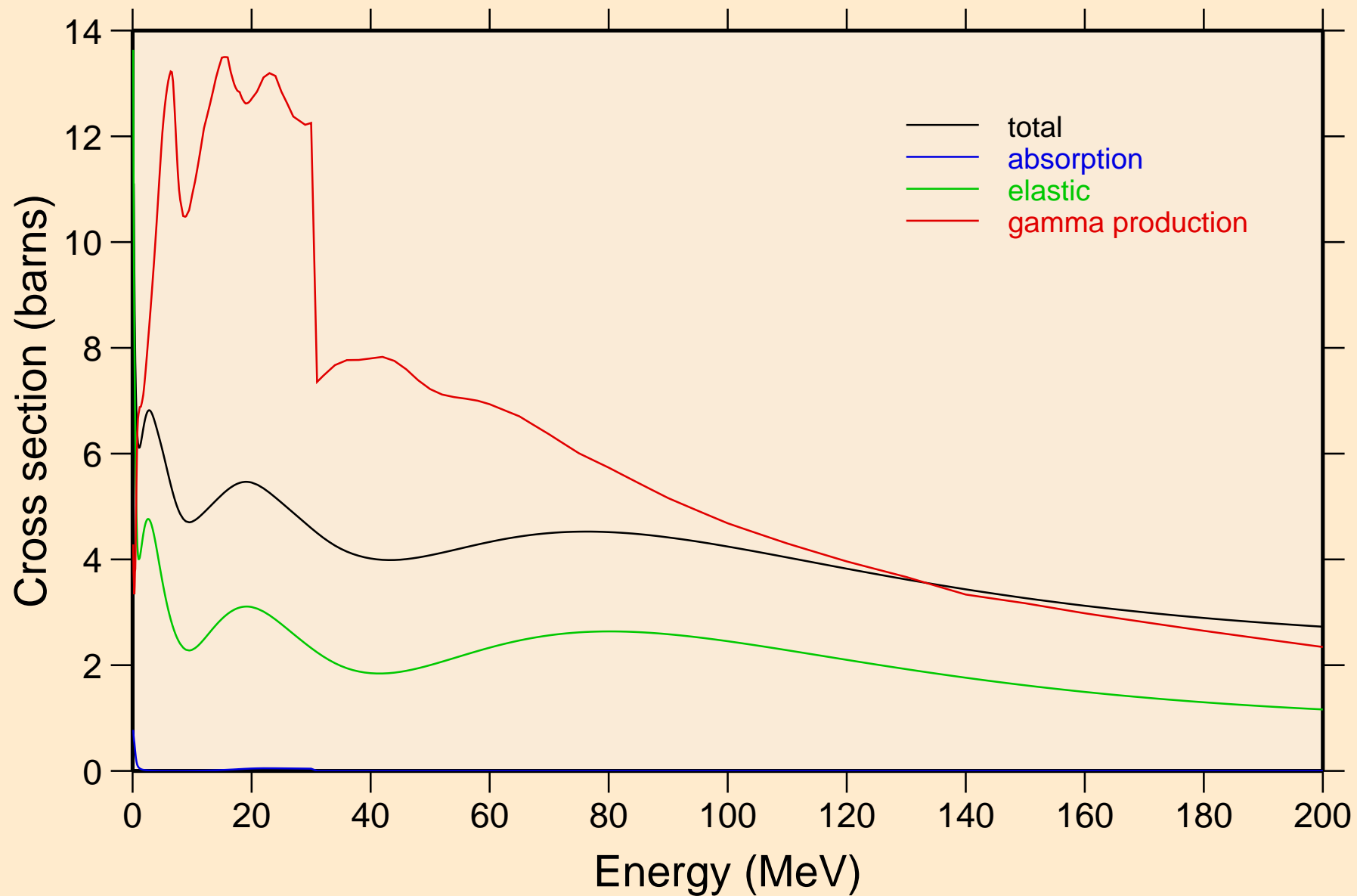


LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



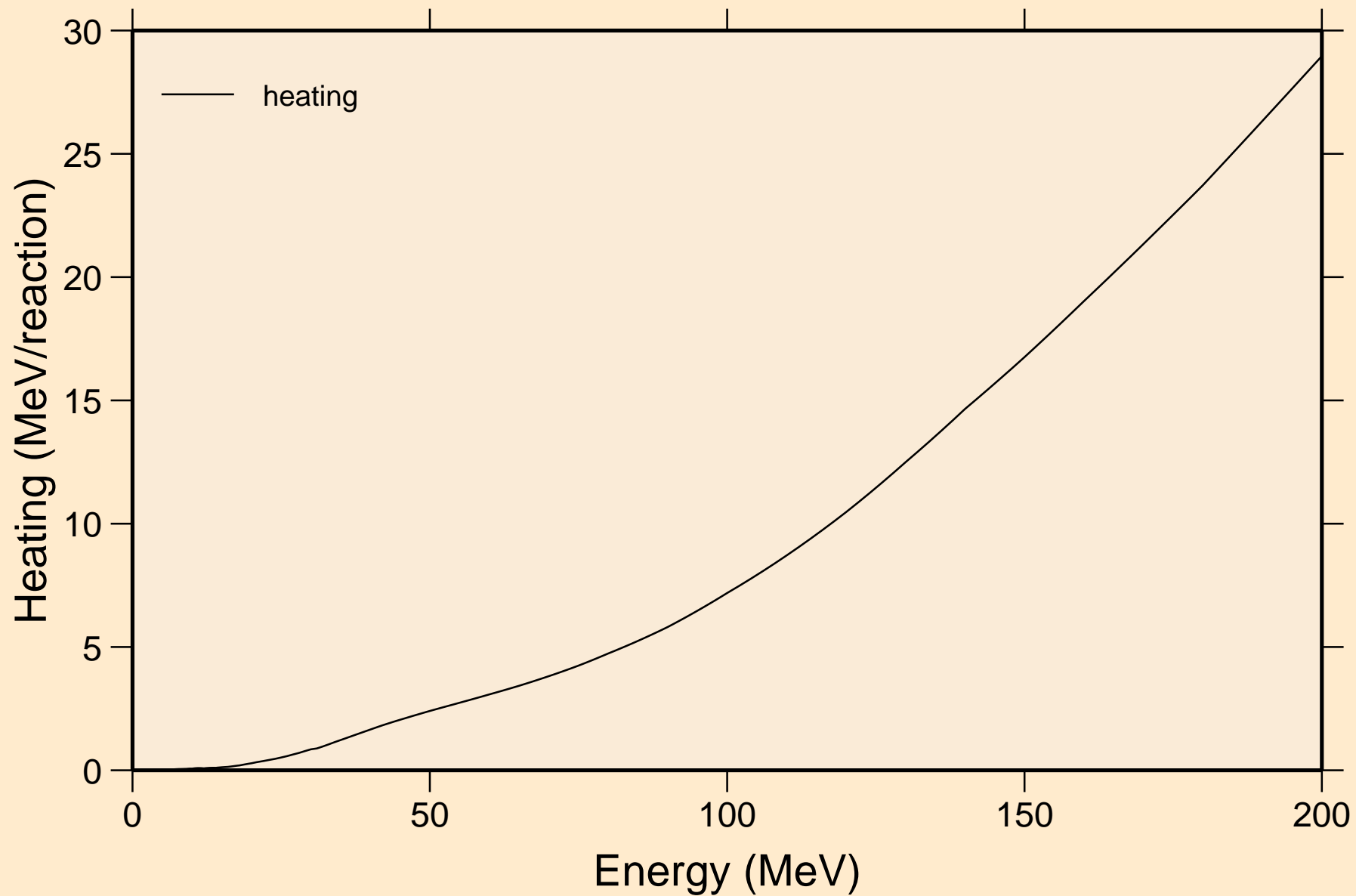
# LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

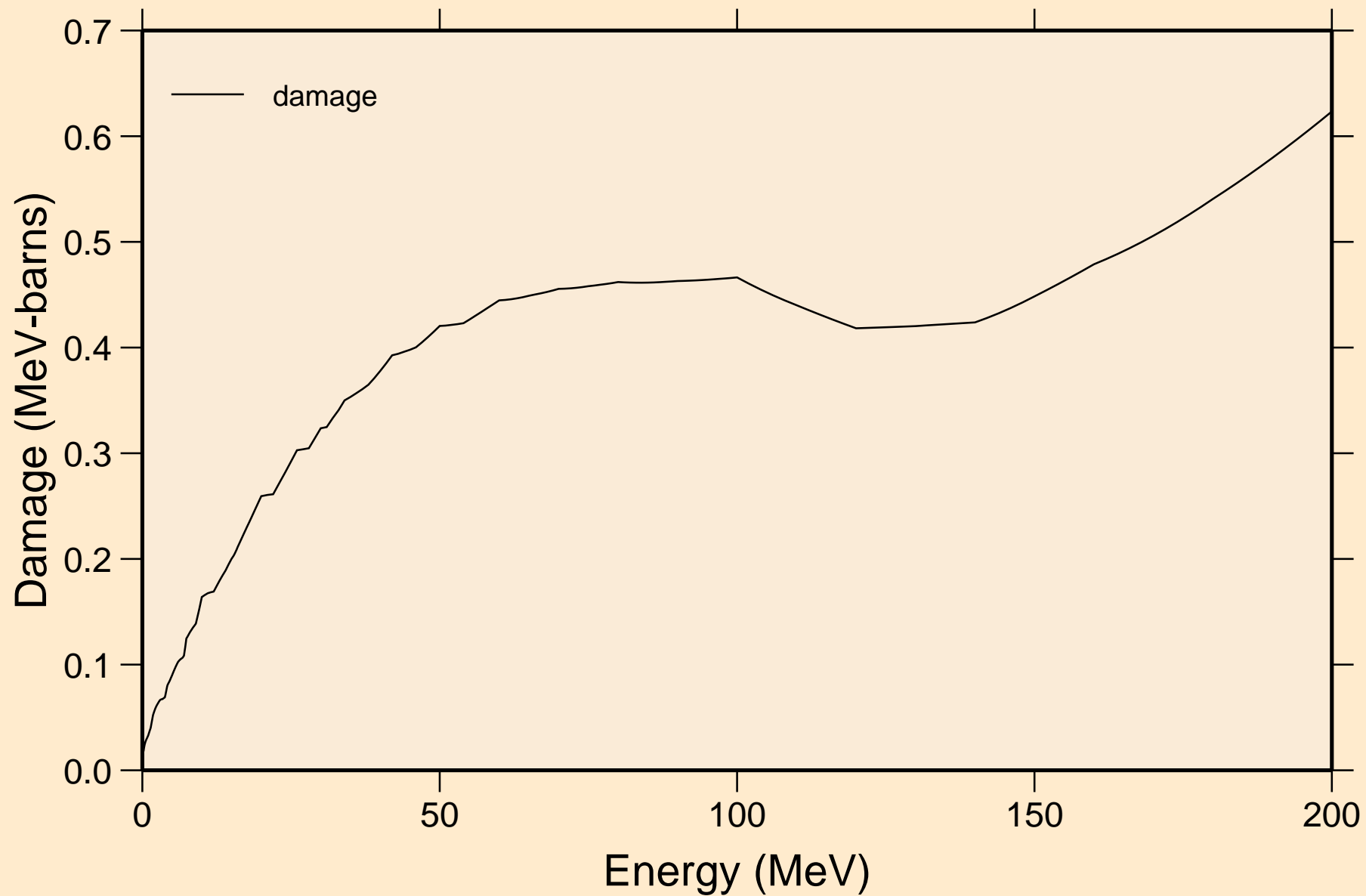




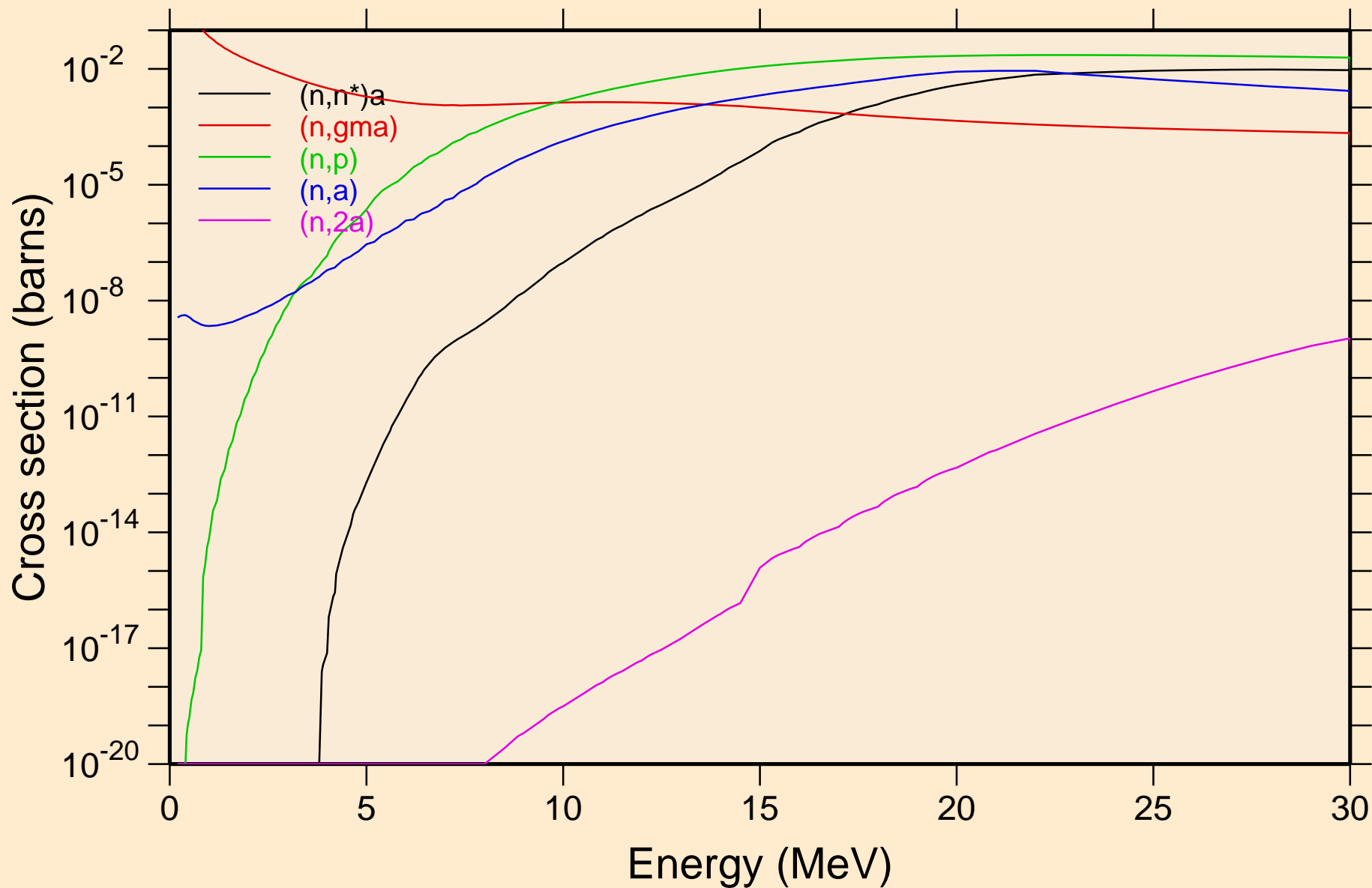
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Heating



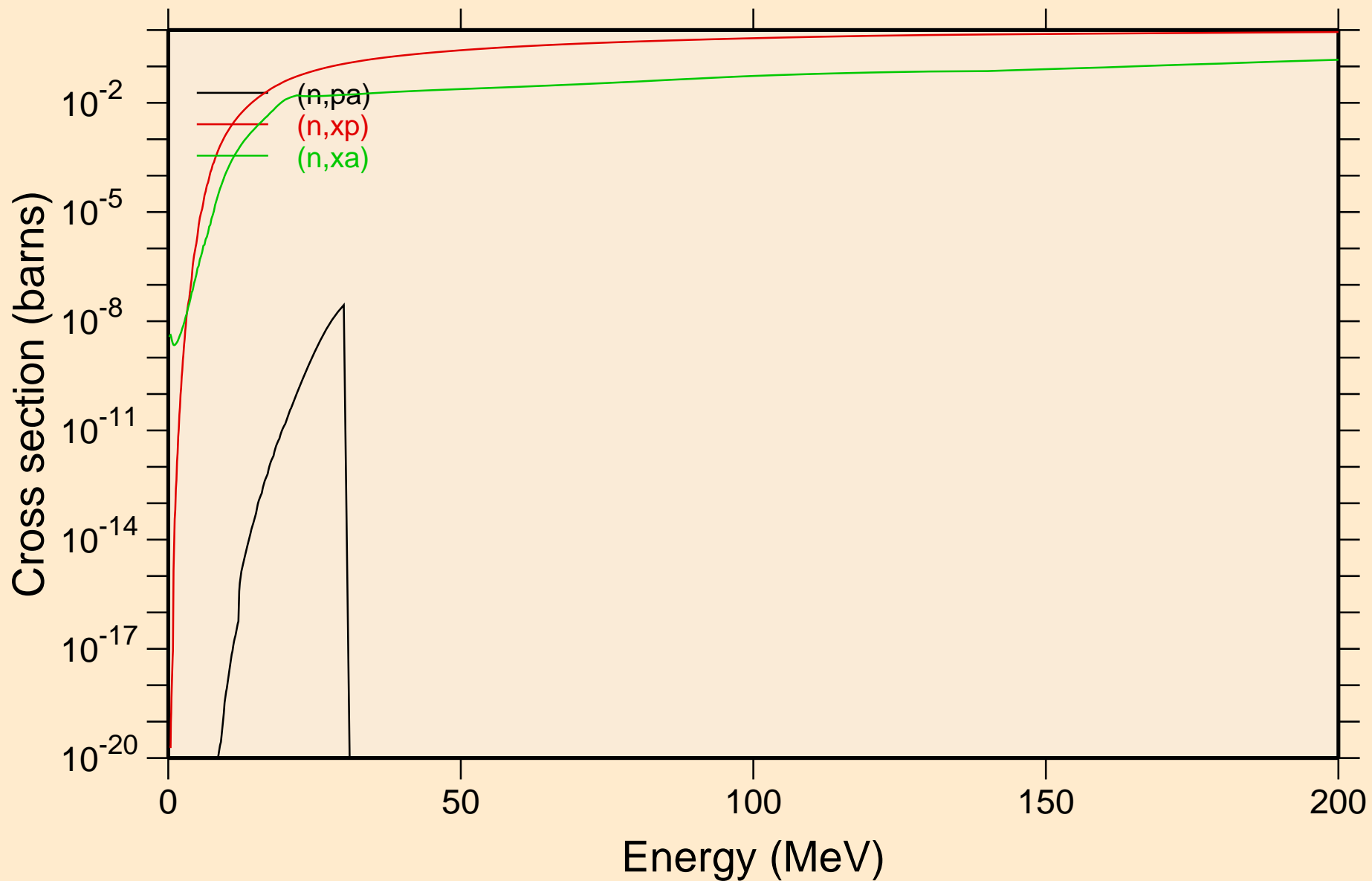
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage



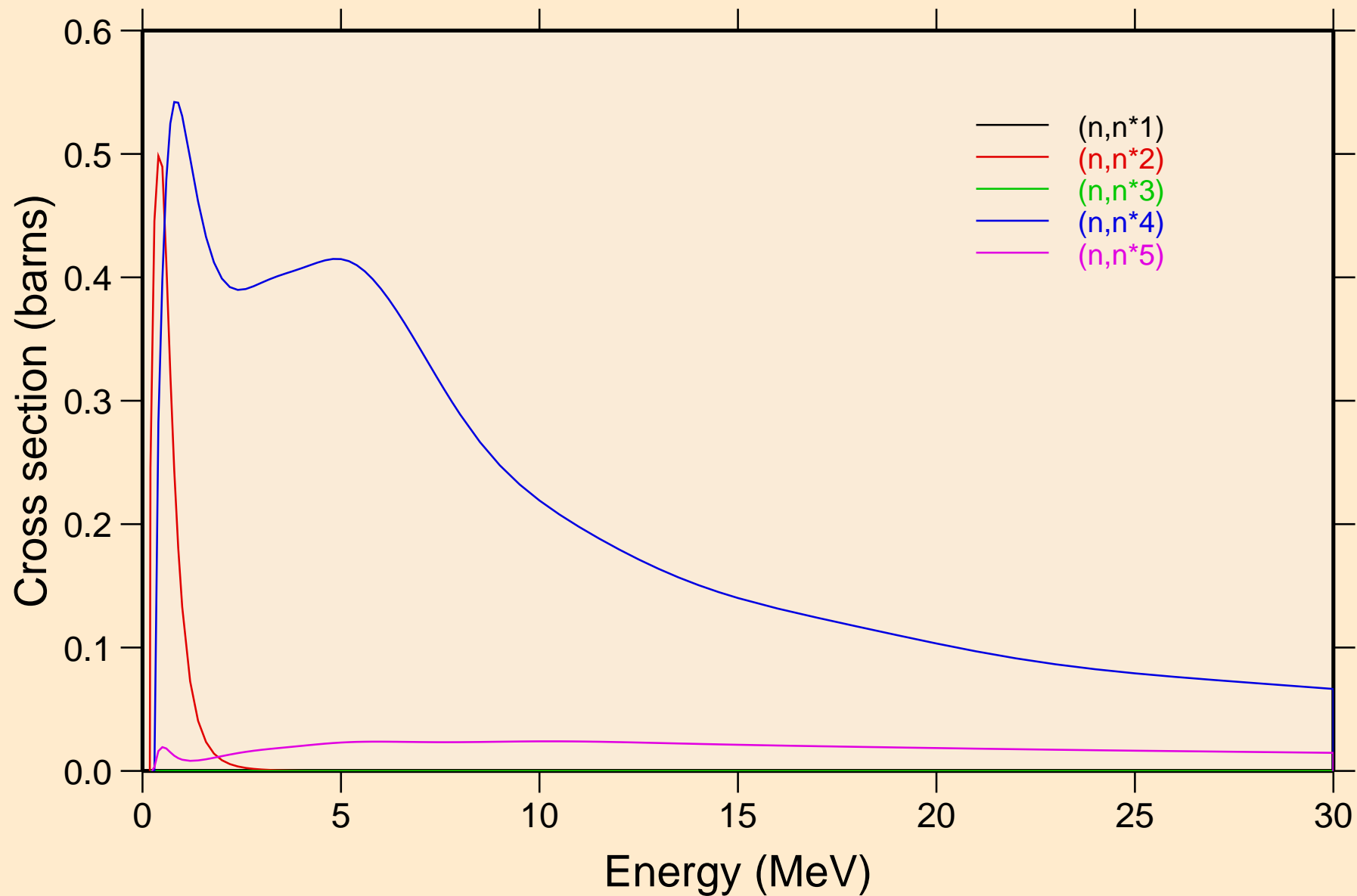
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



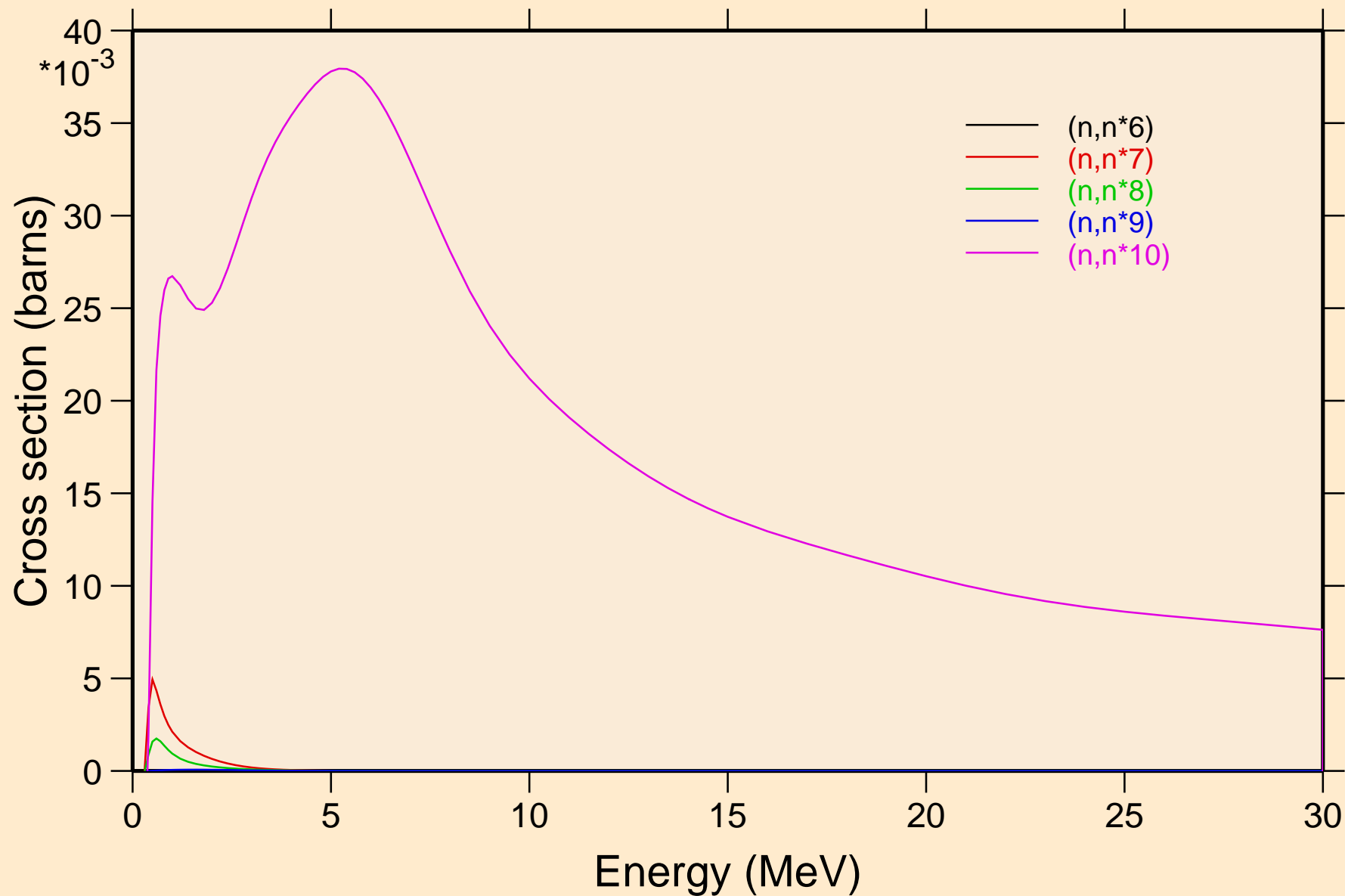
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



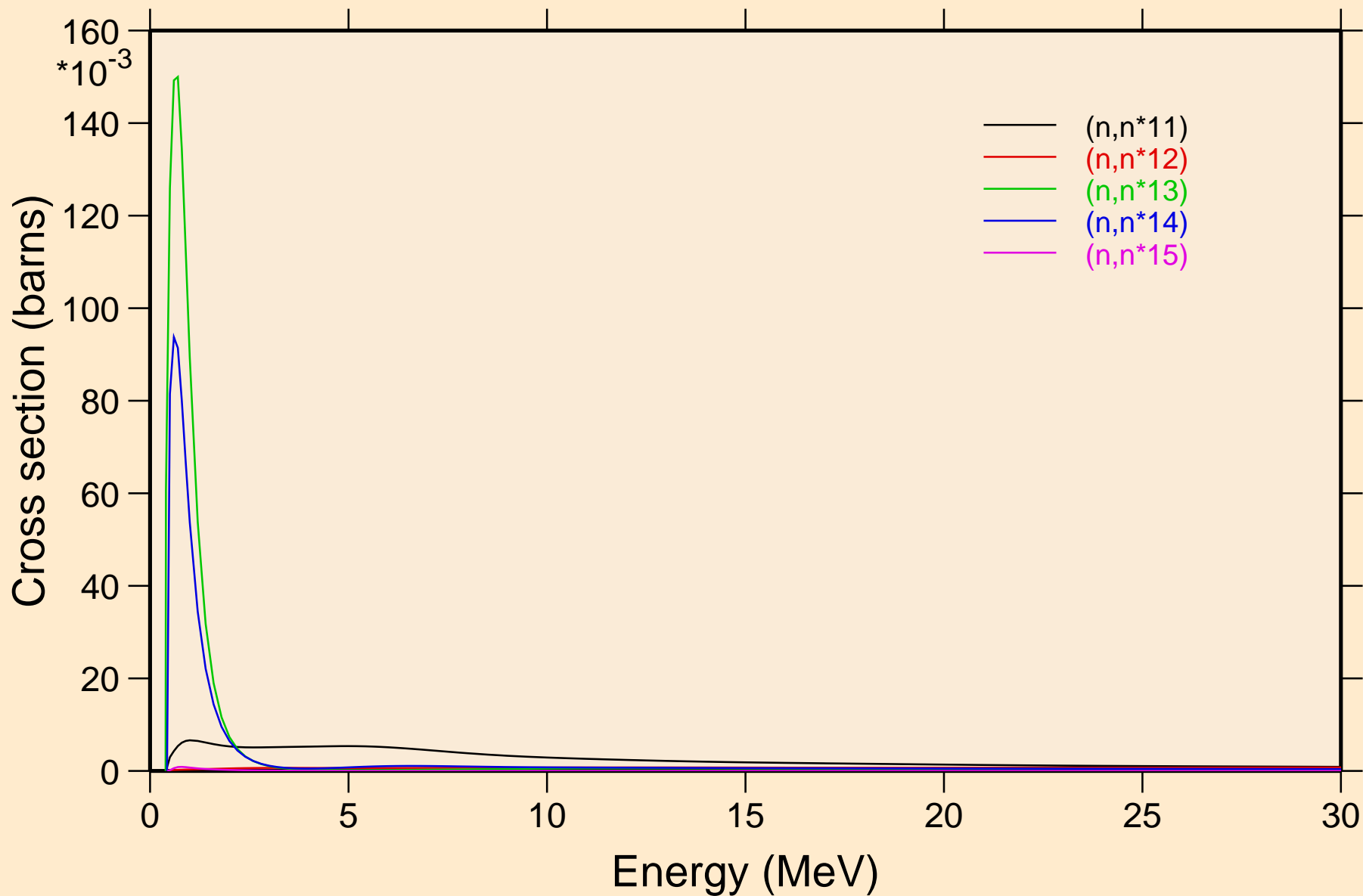
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



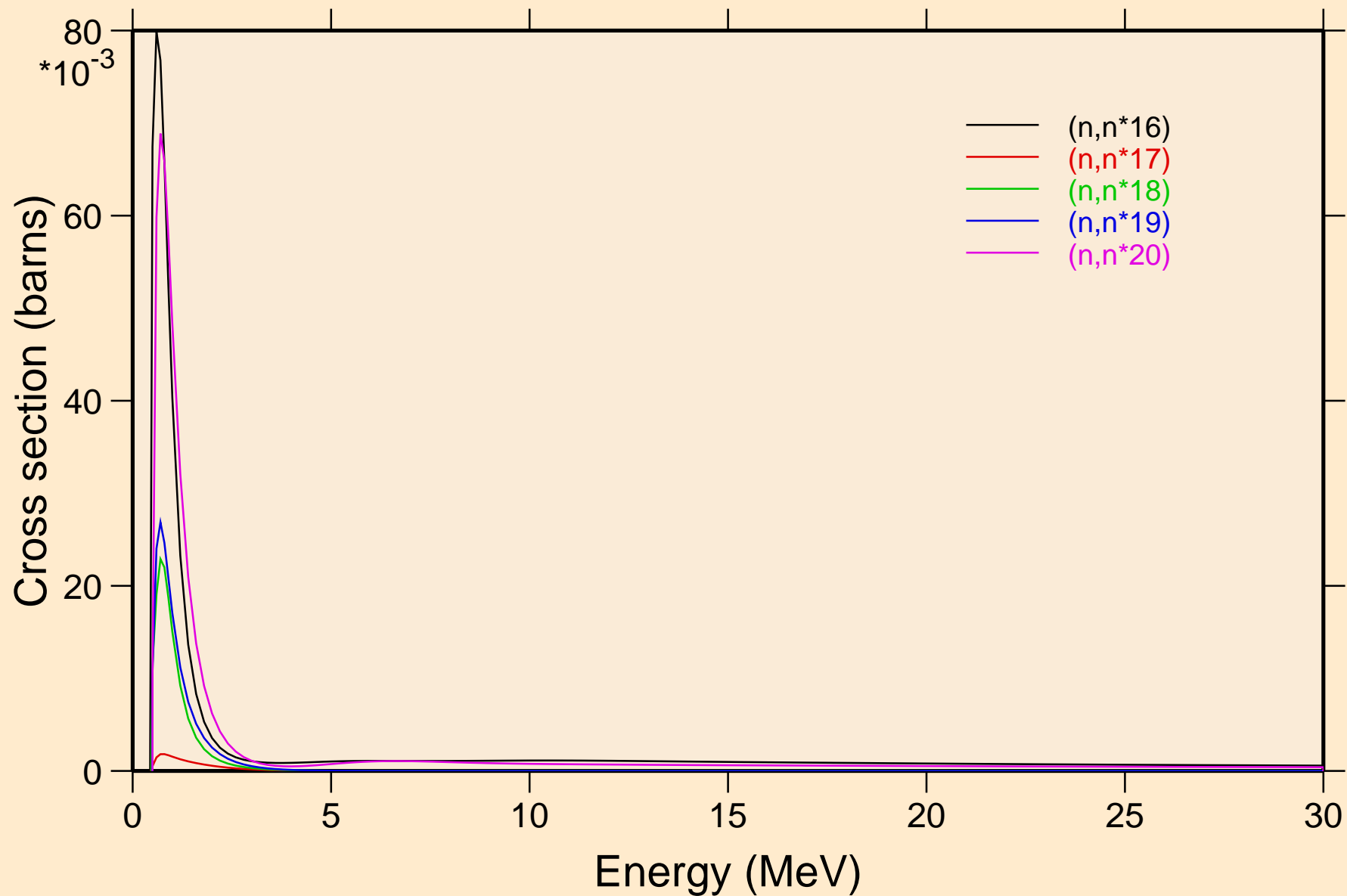
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

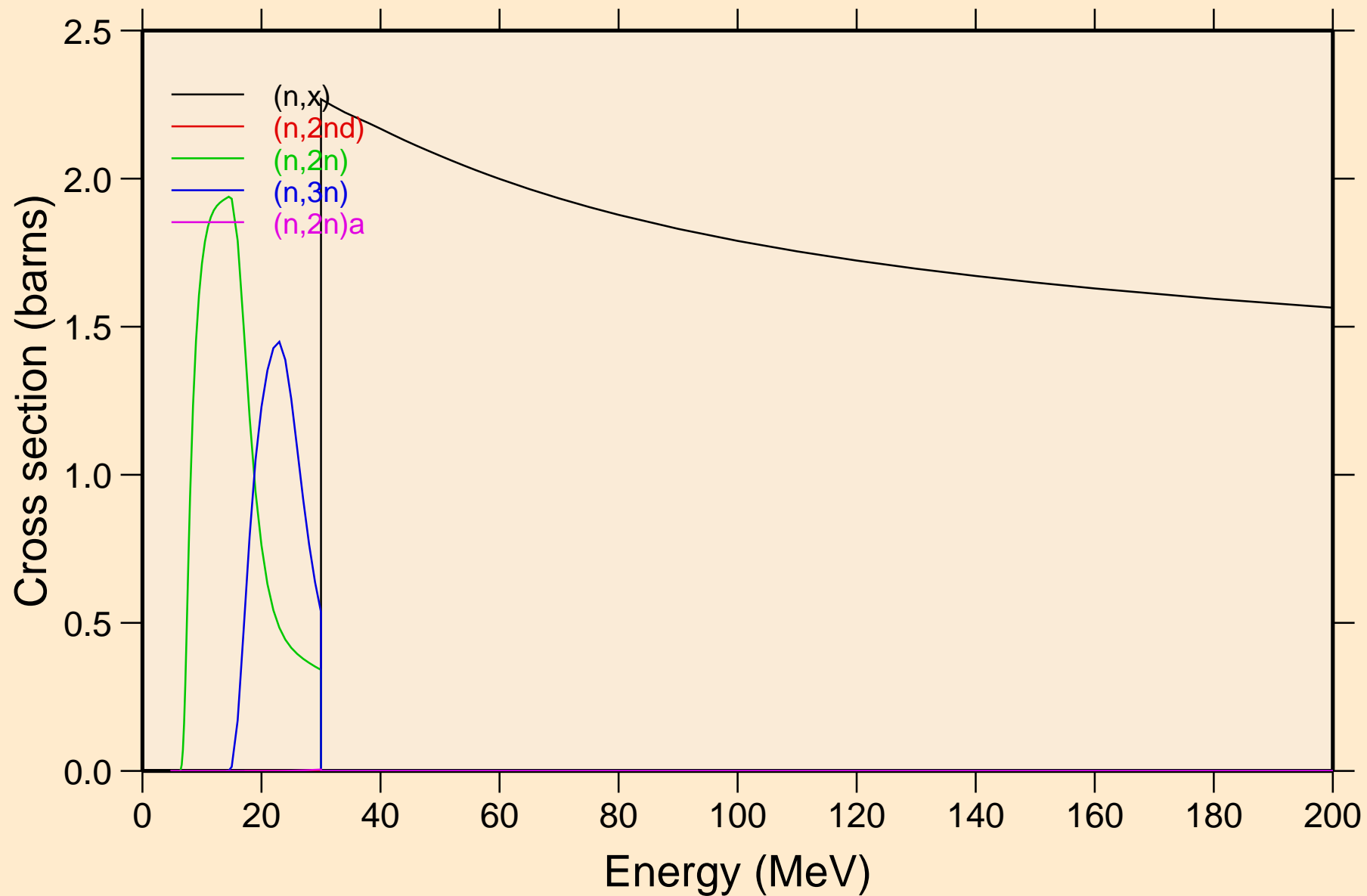


LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

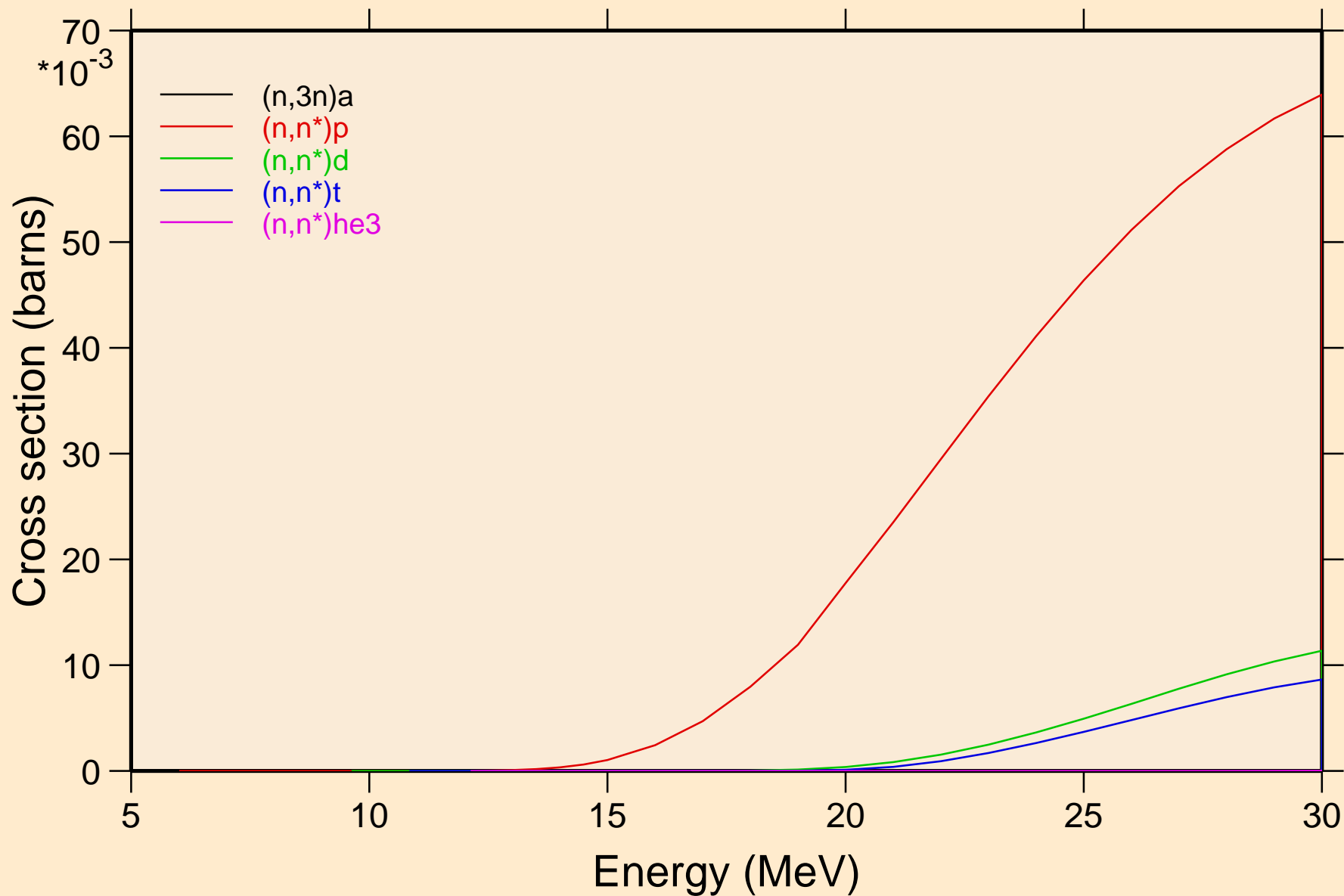




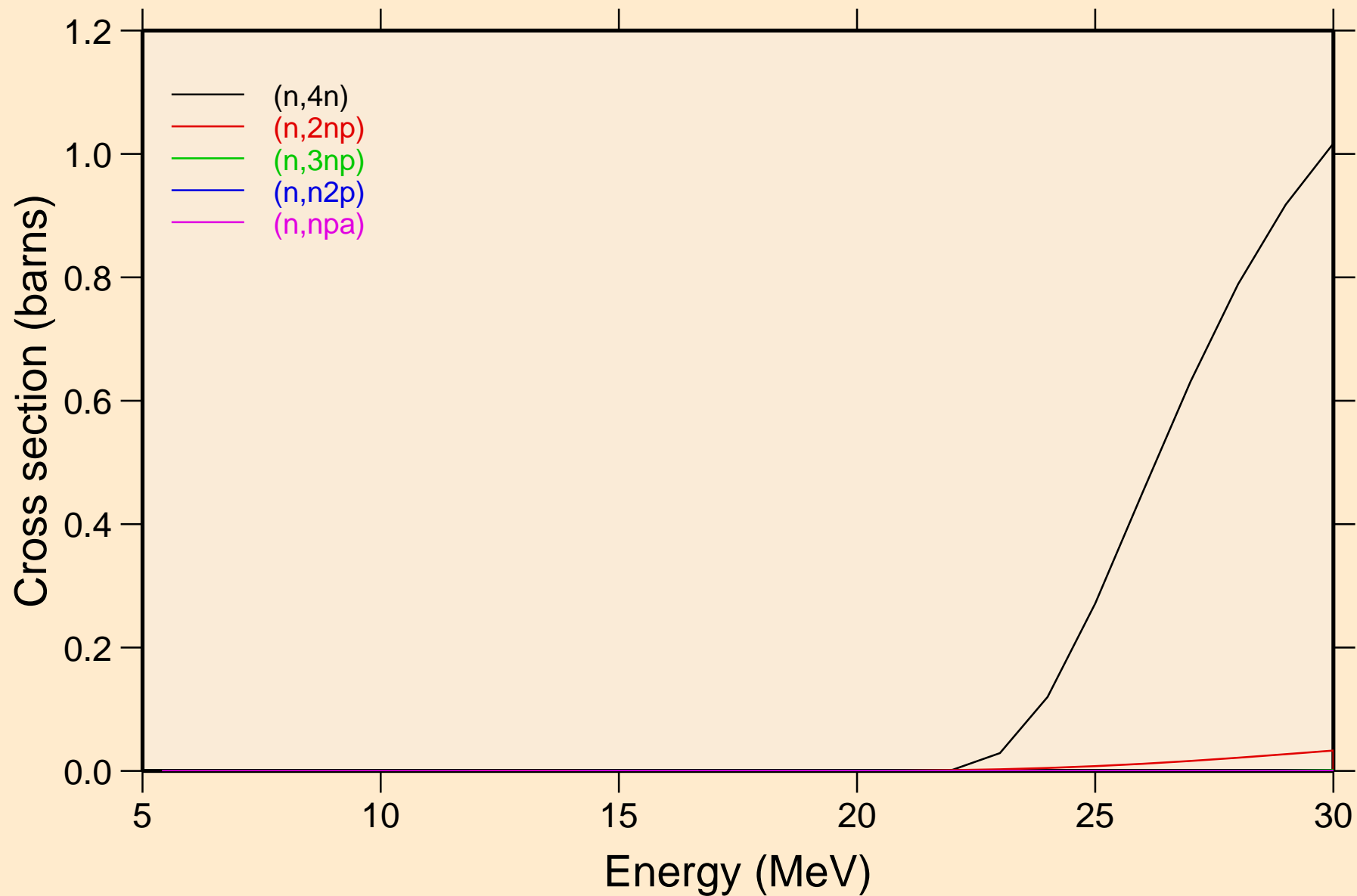
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



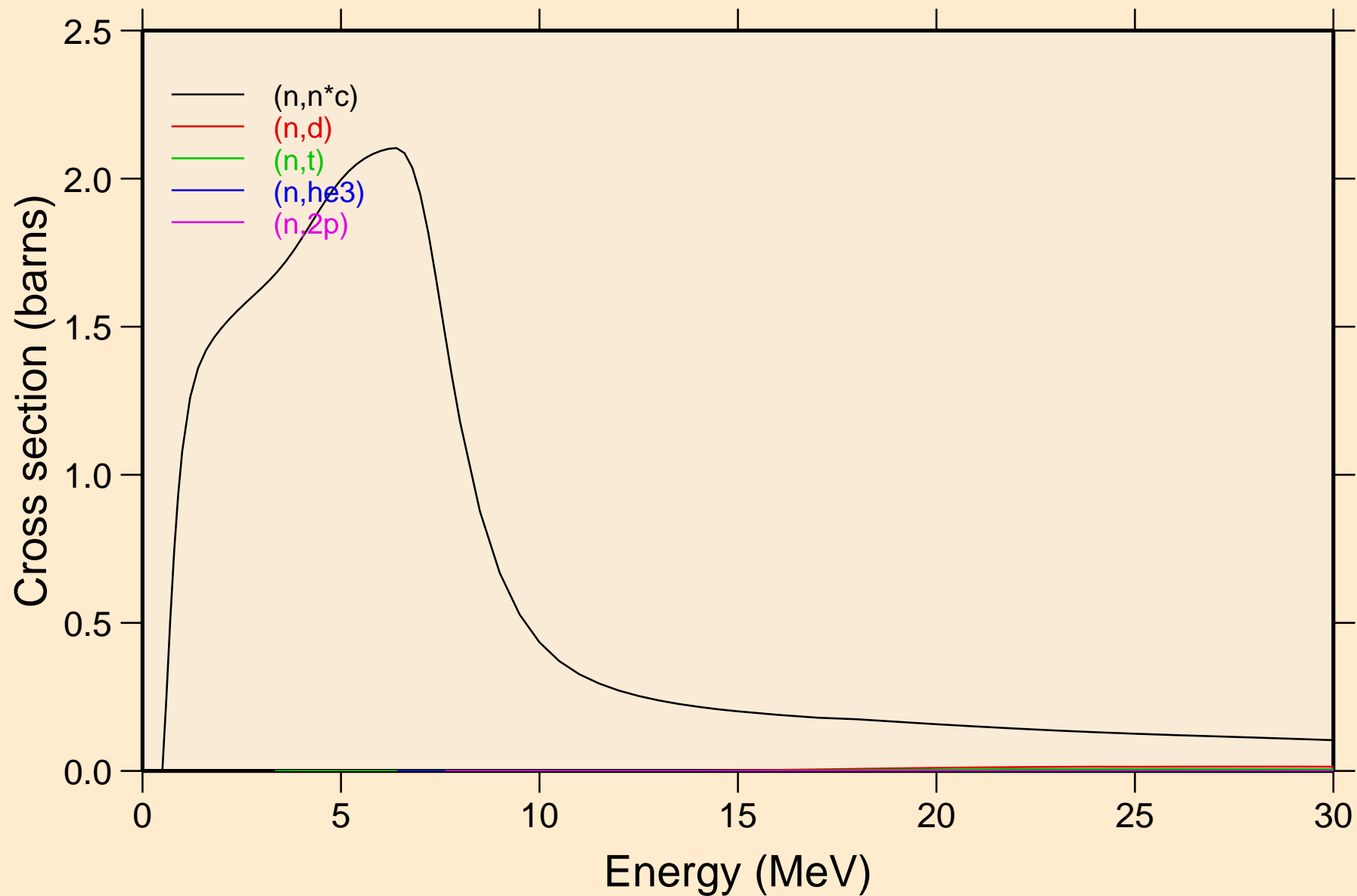
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



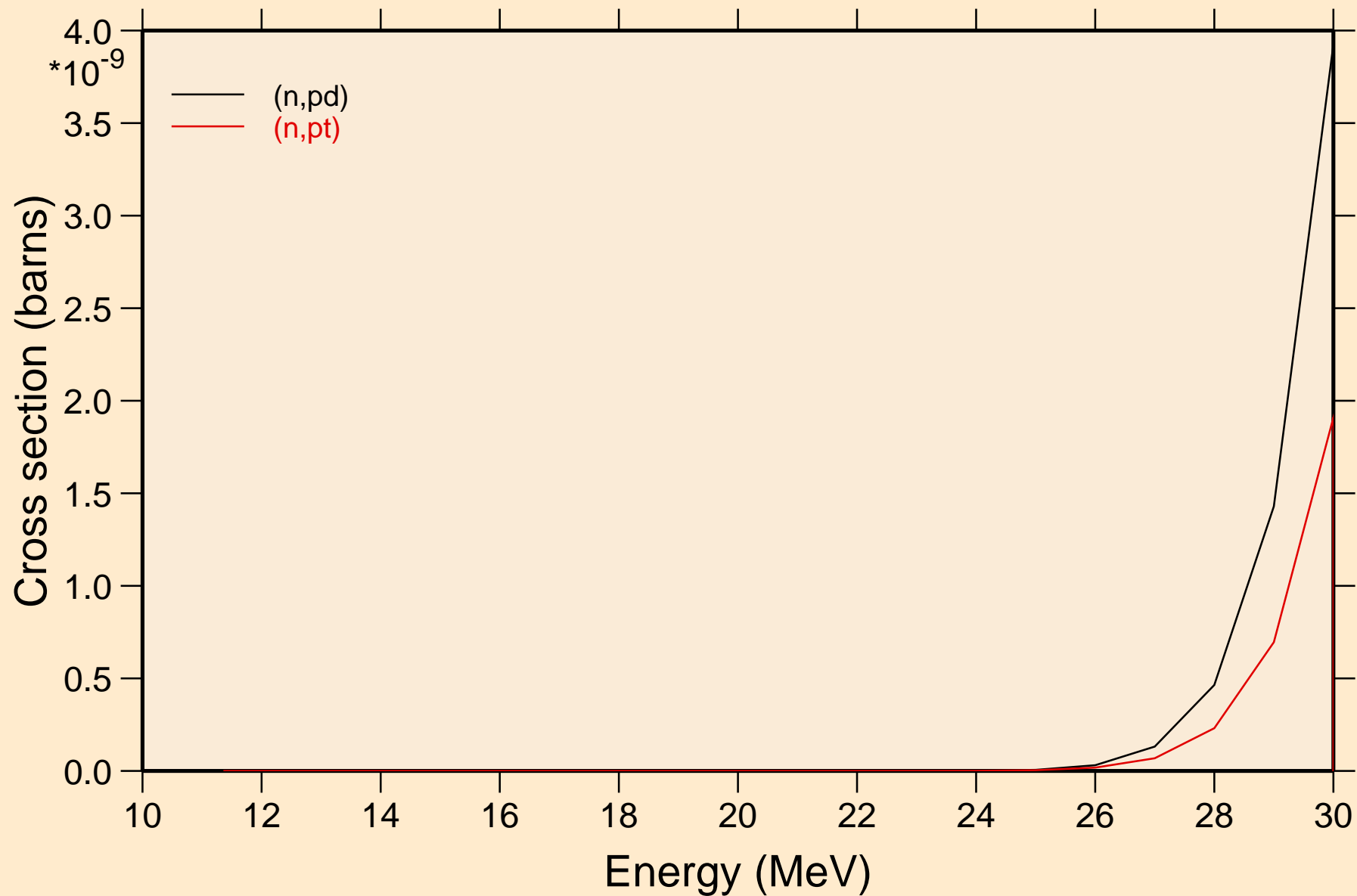
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

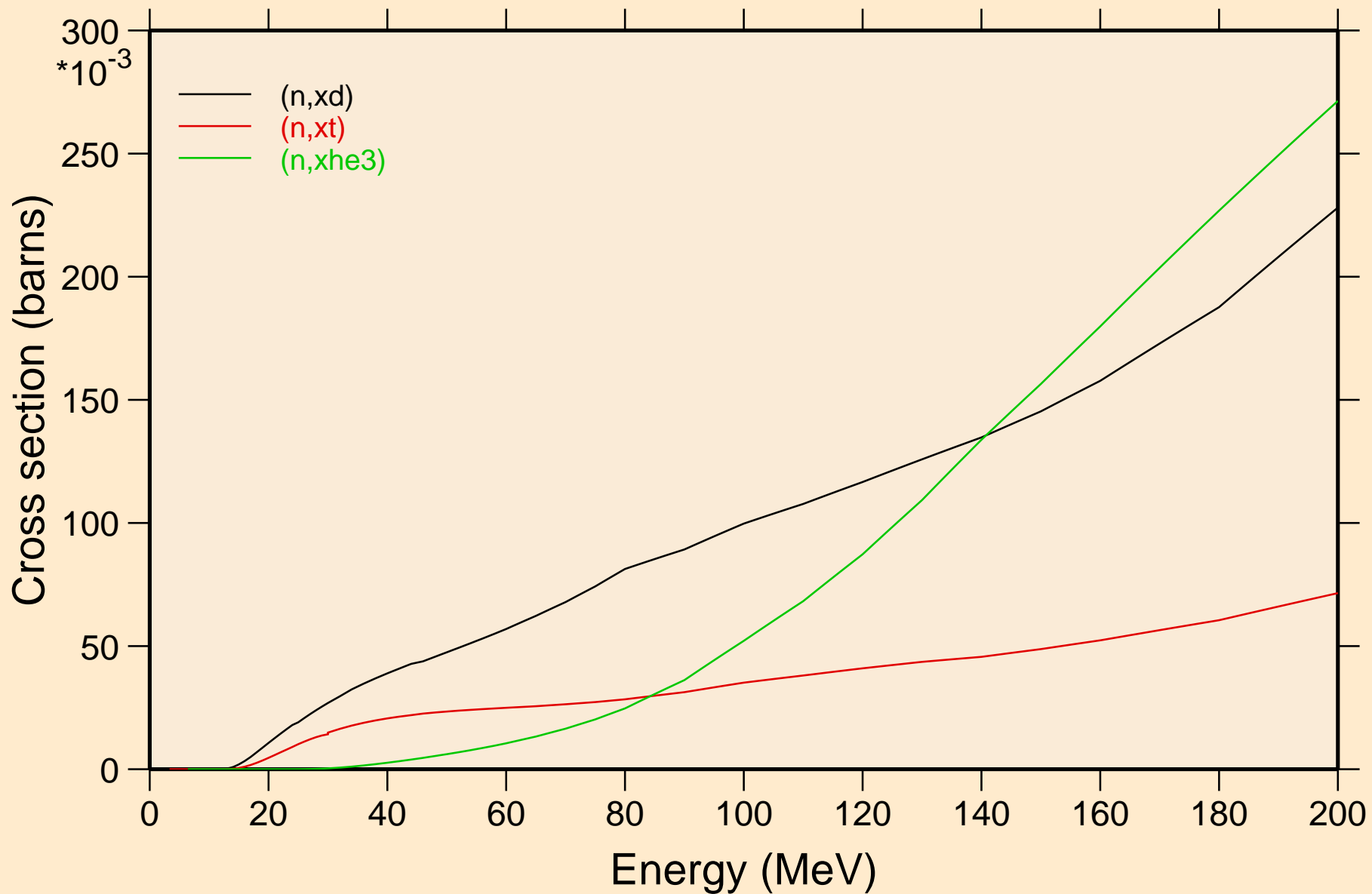


LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

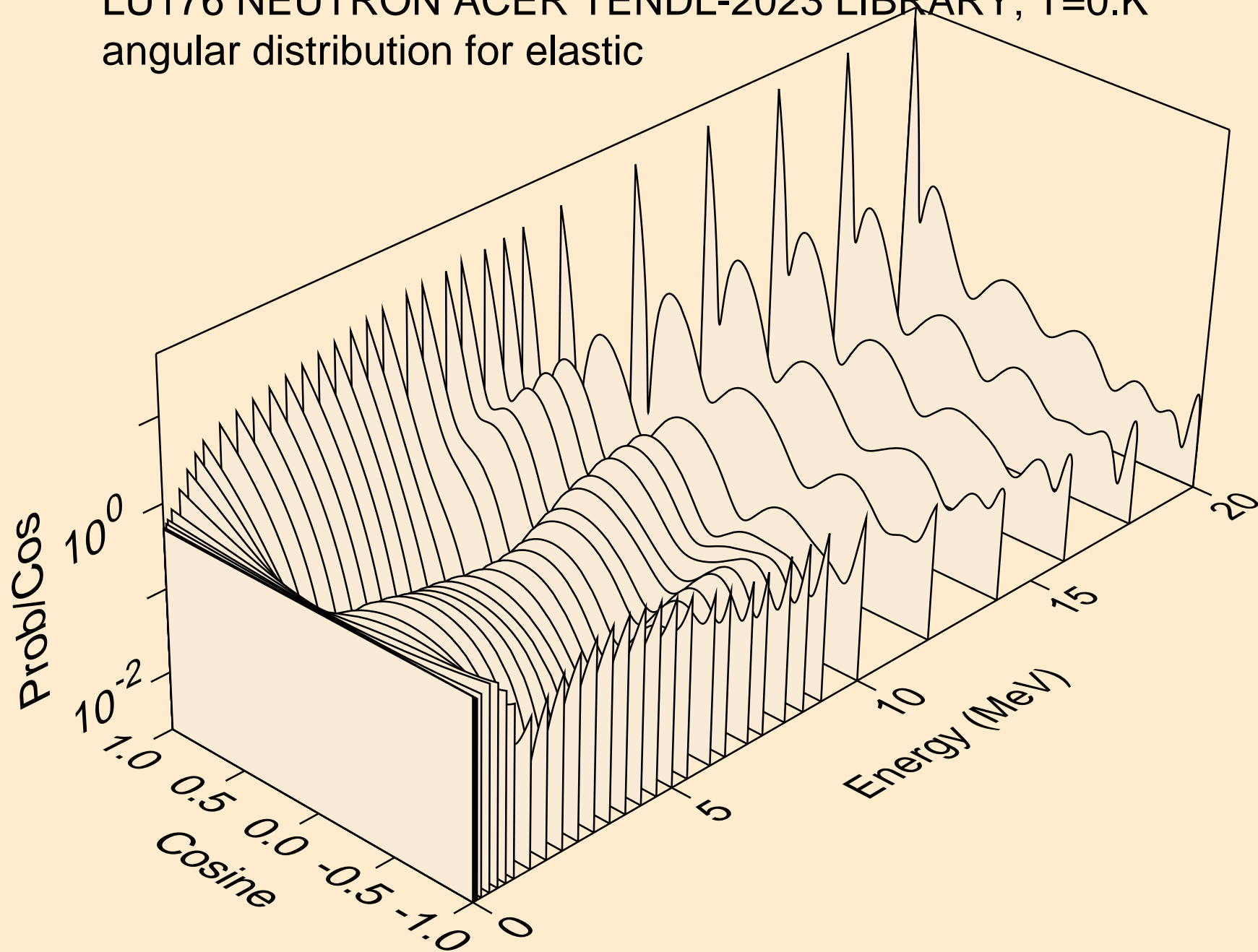


# LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

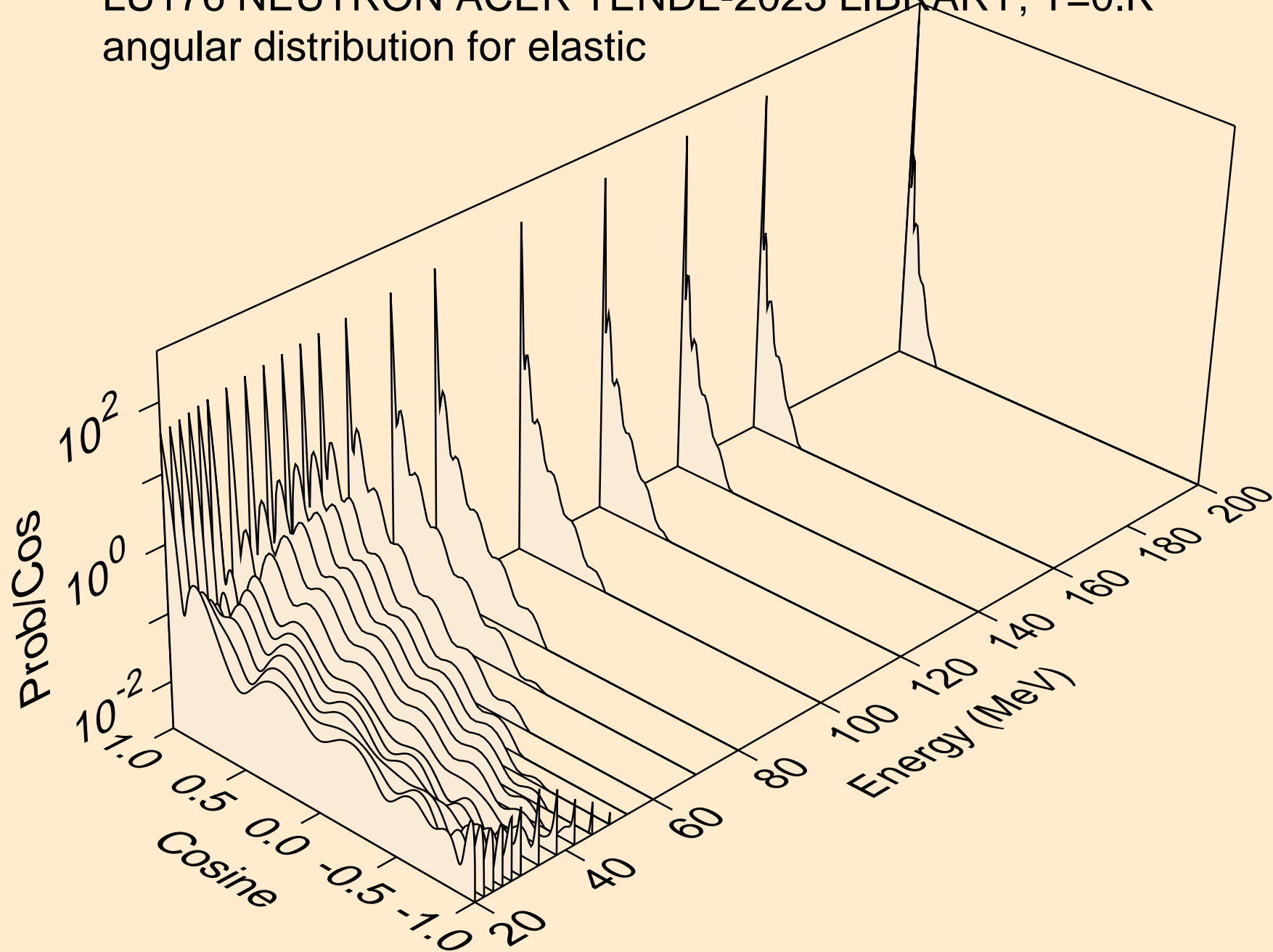
## Threshold reactions



LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

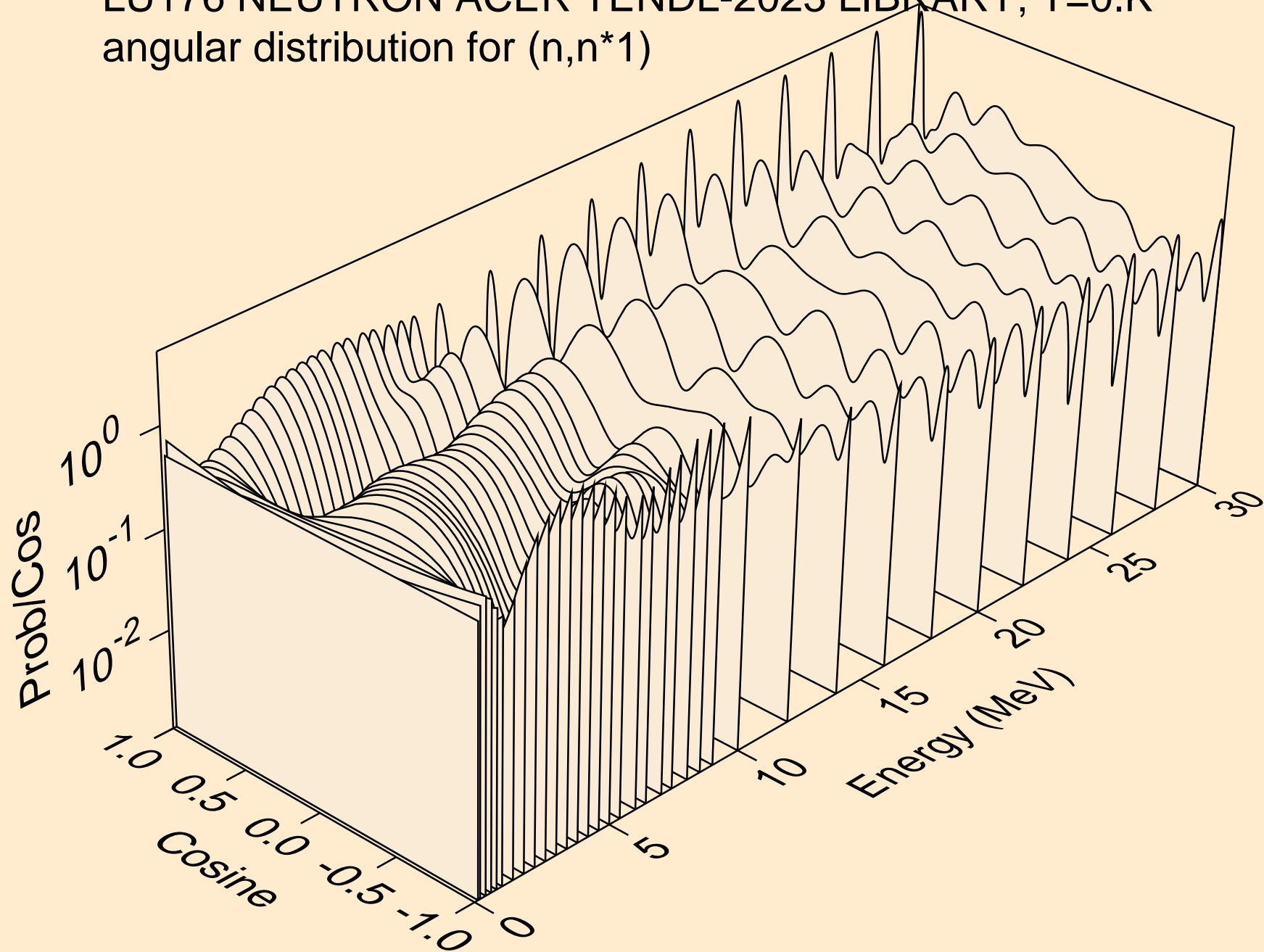


LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

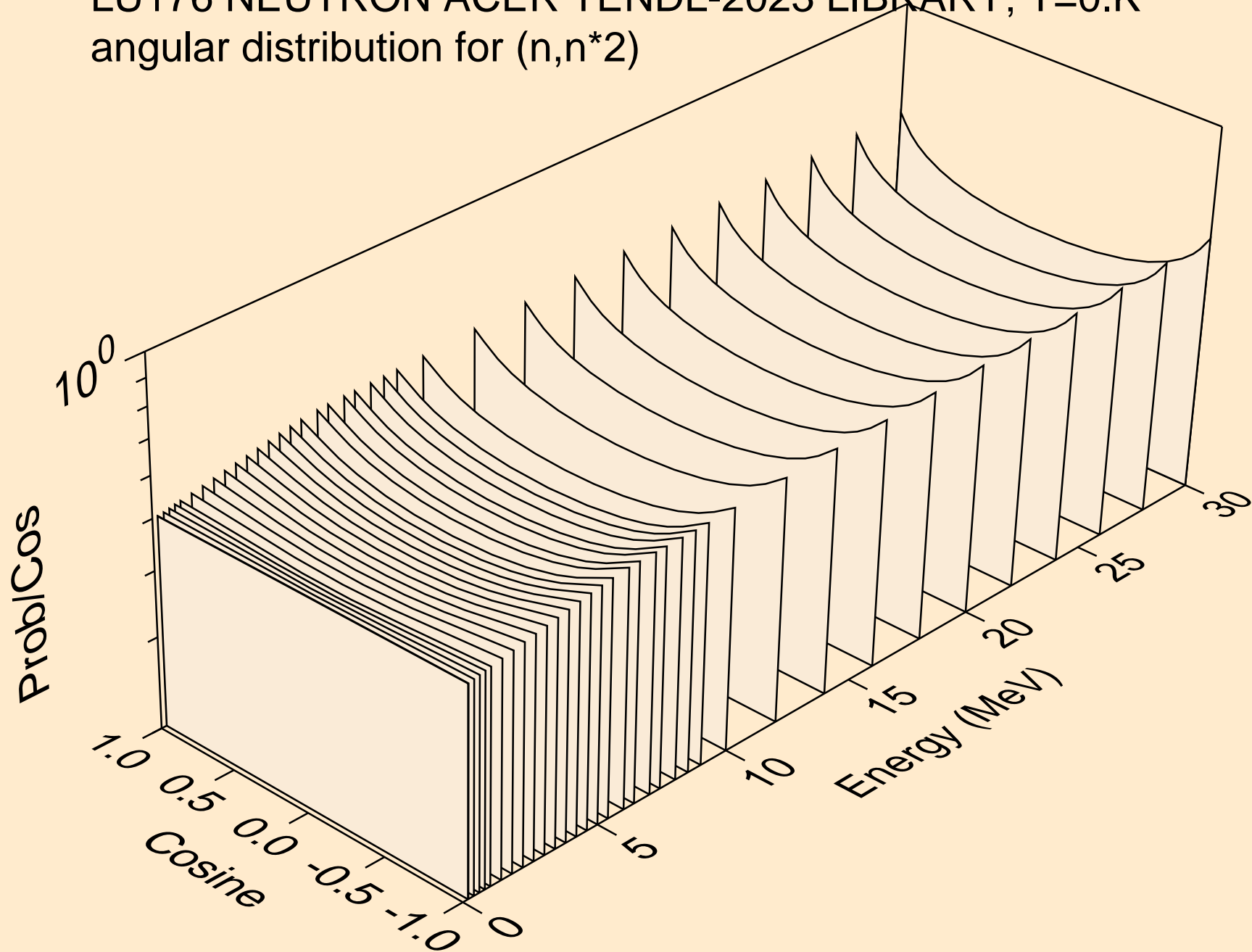




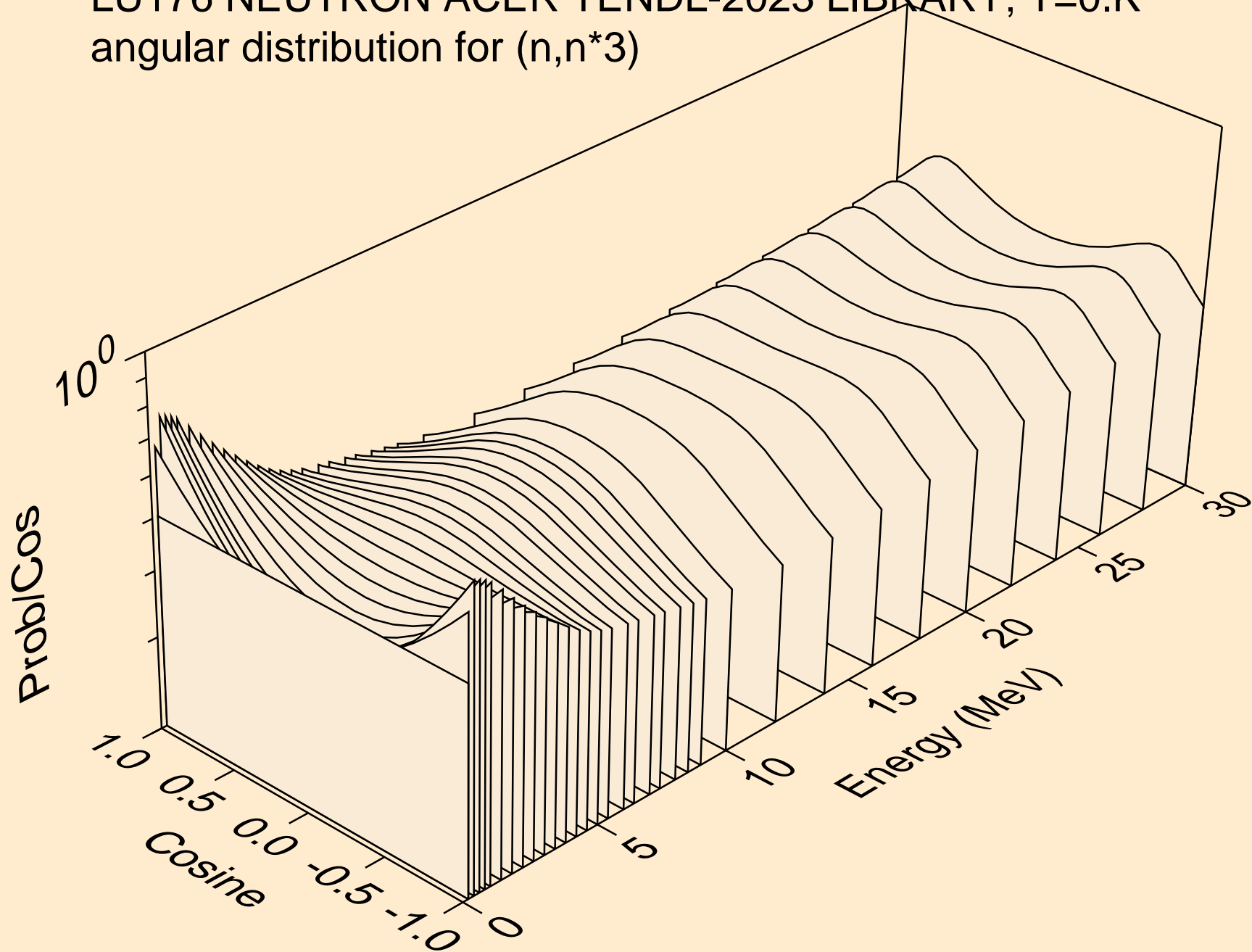
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



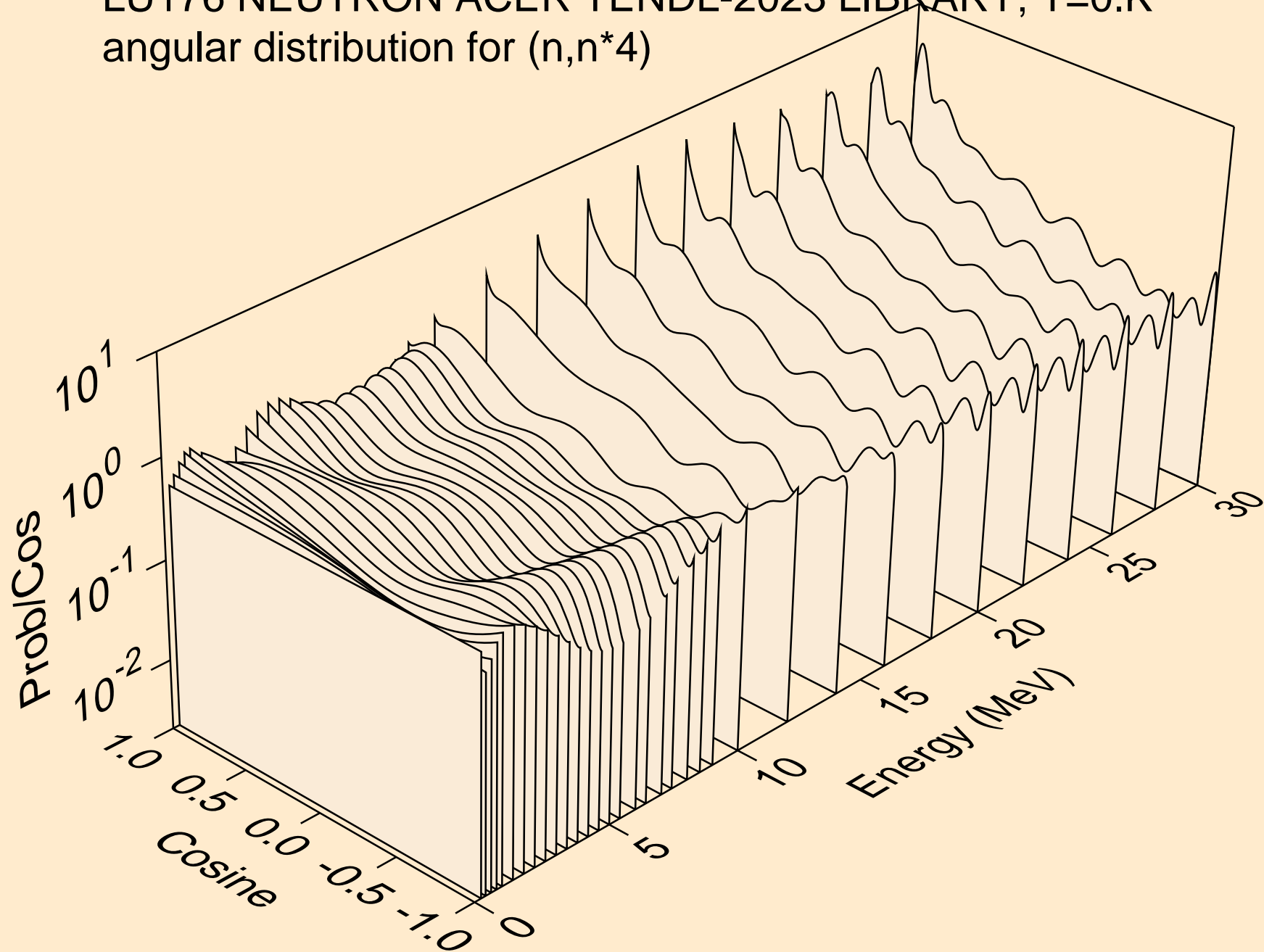
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



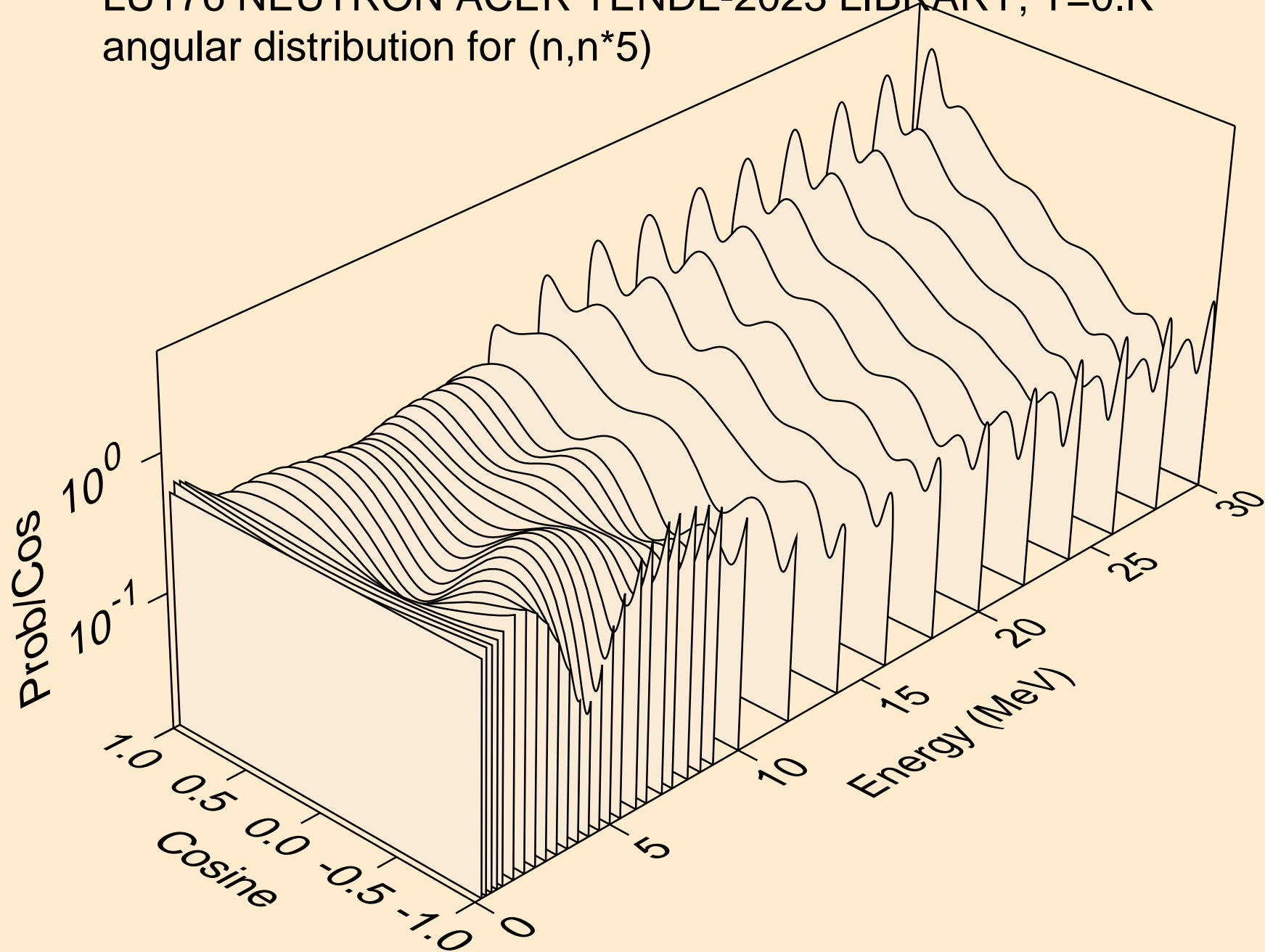
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



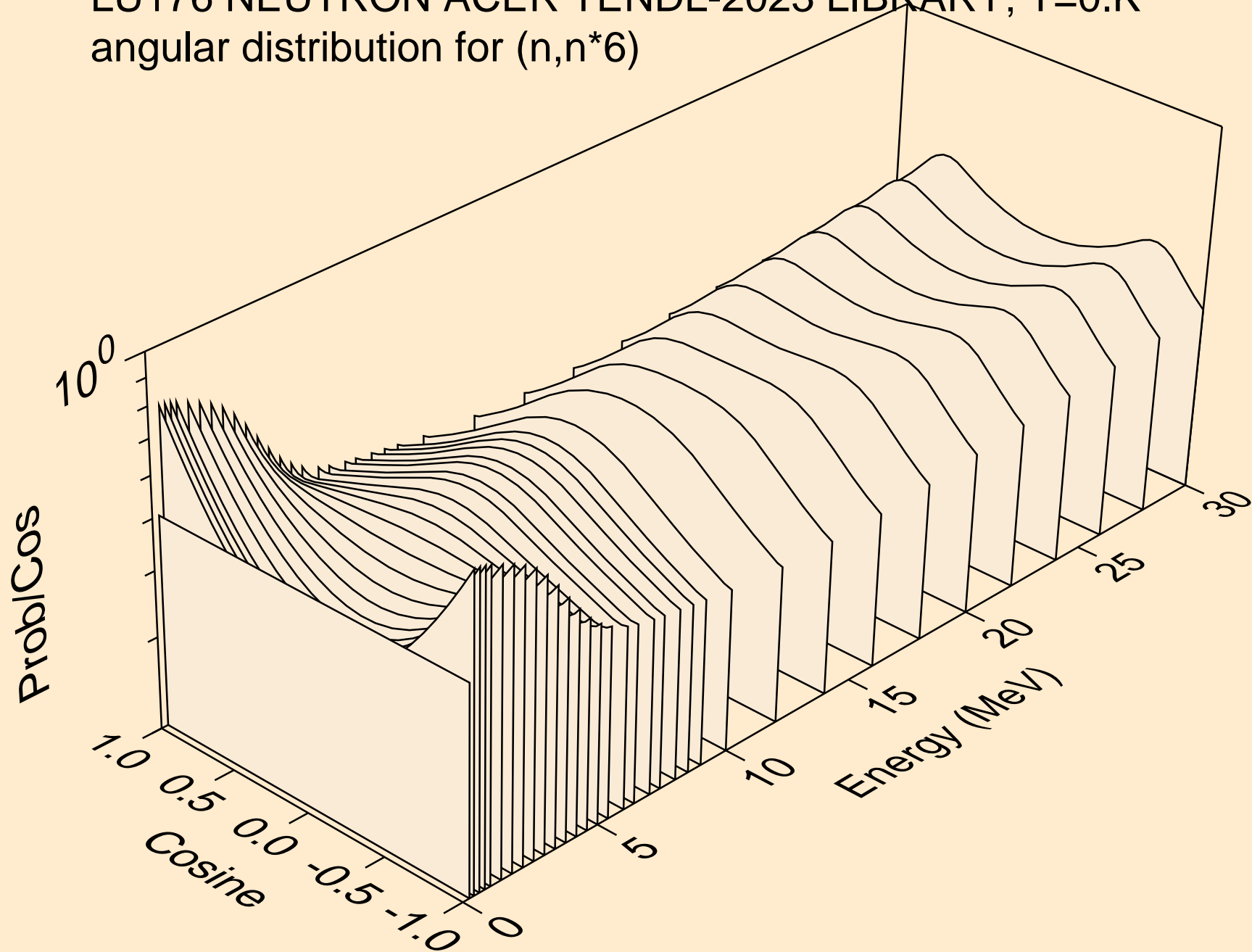
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



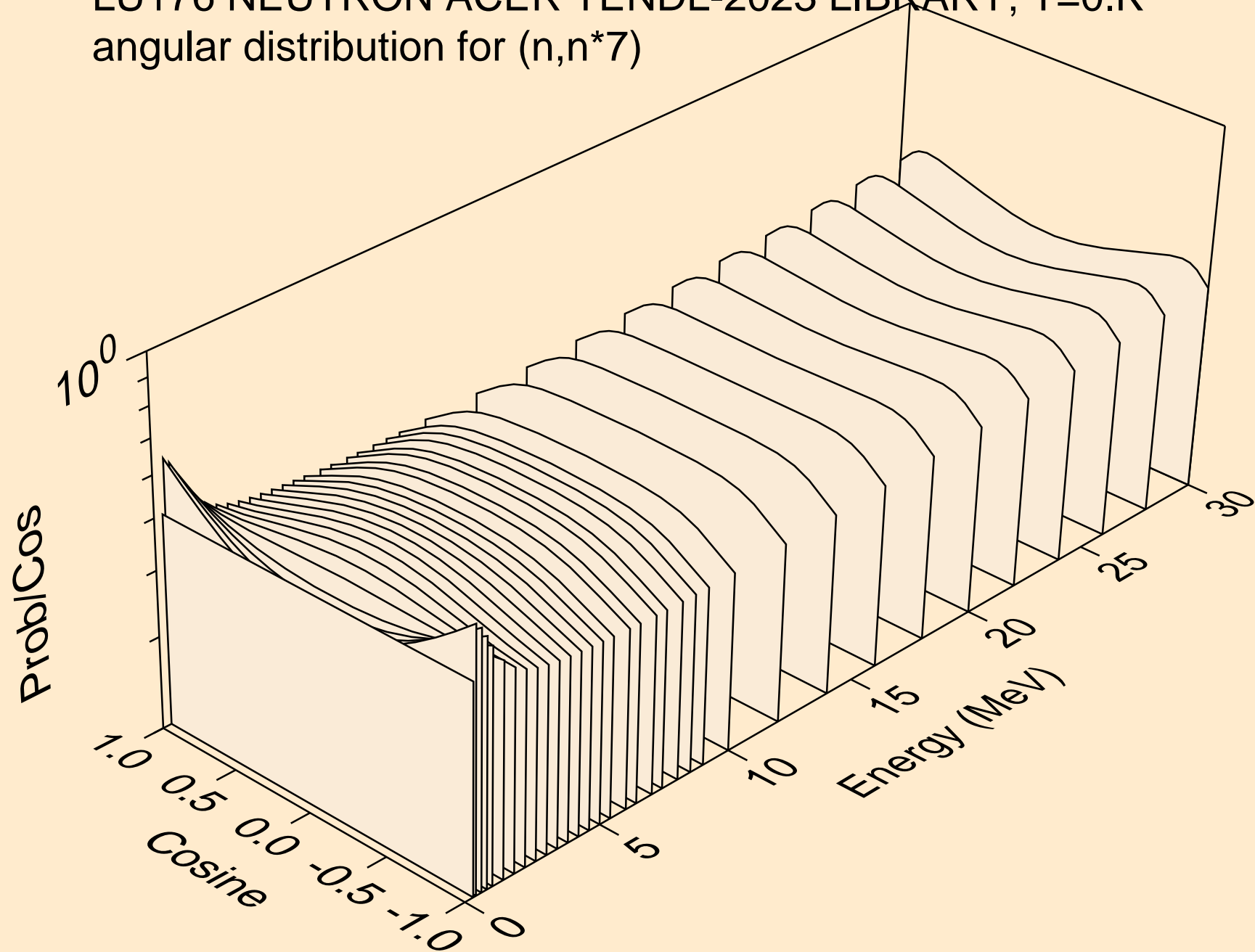
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



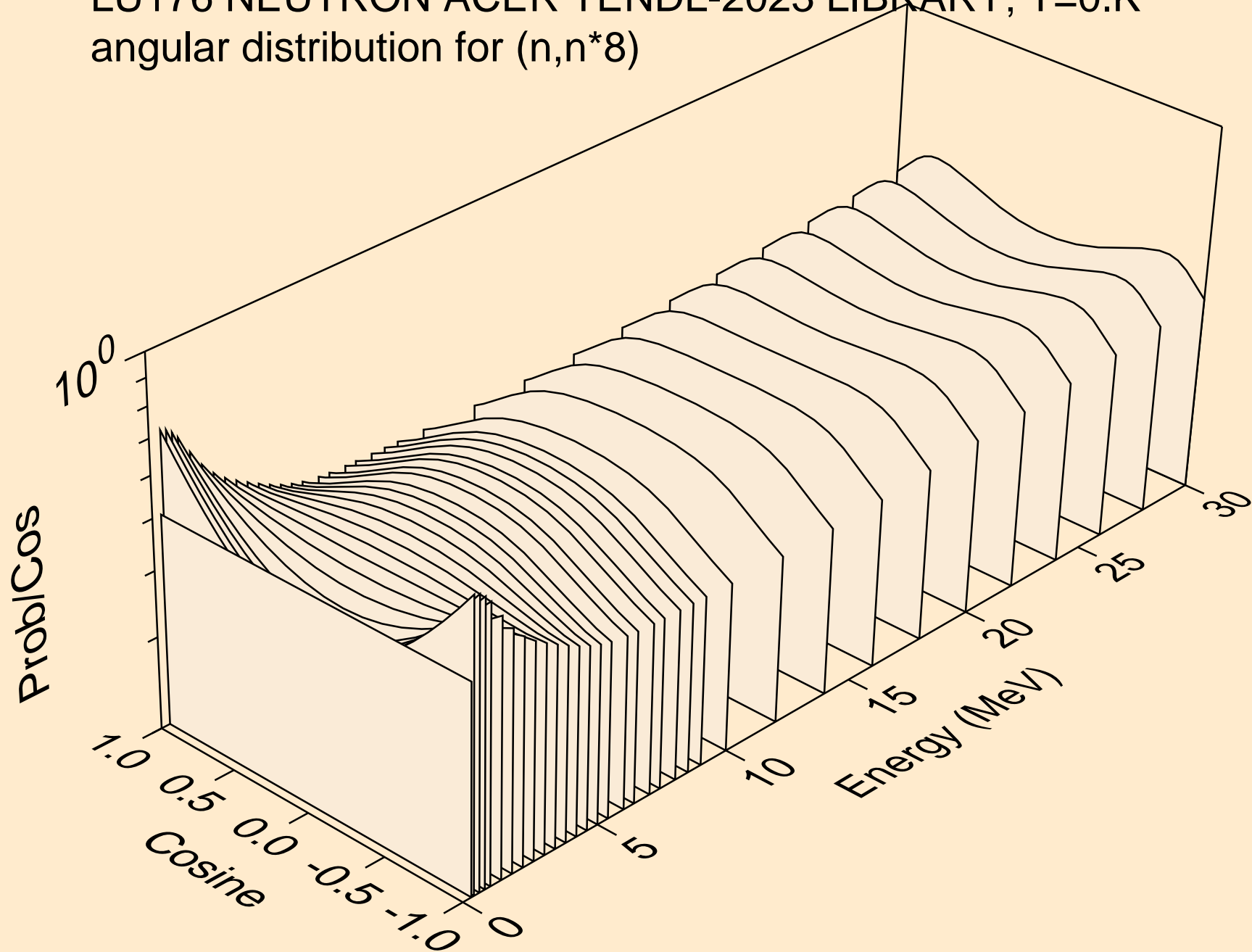
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*7)

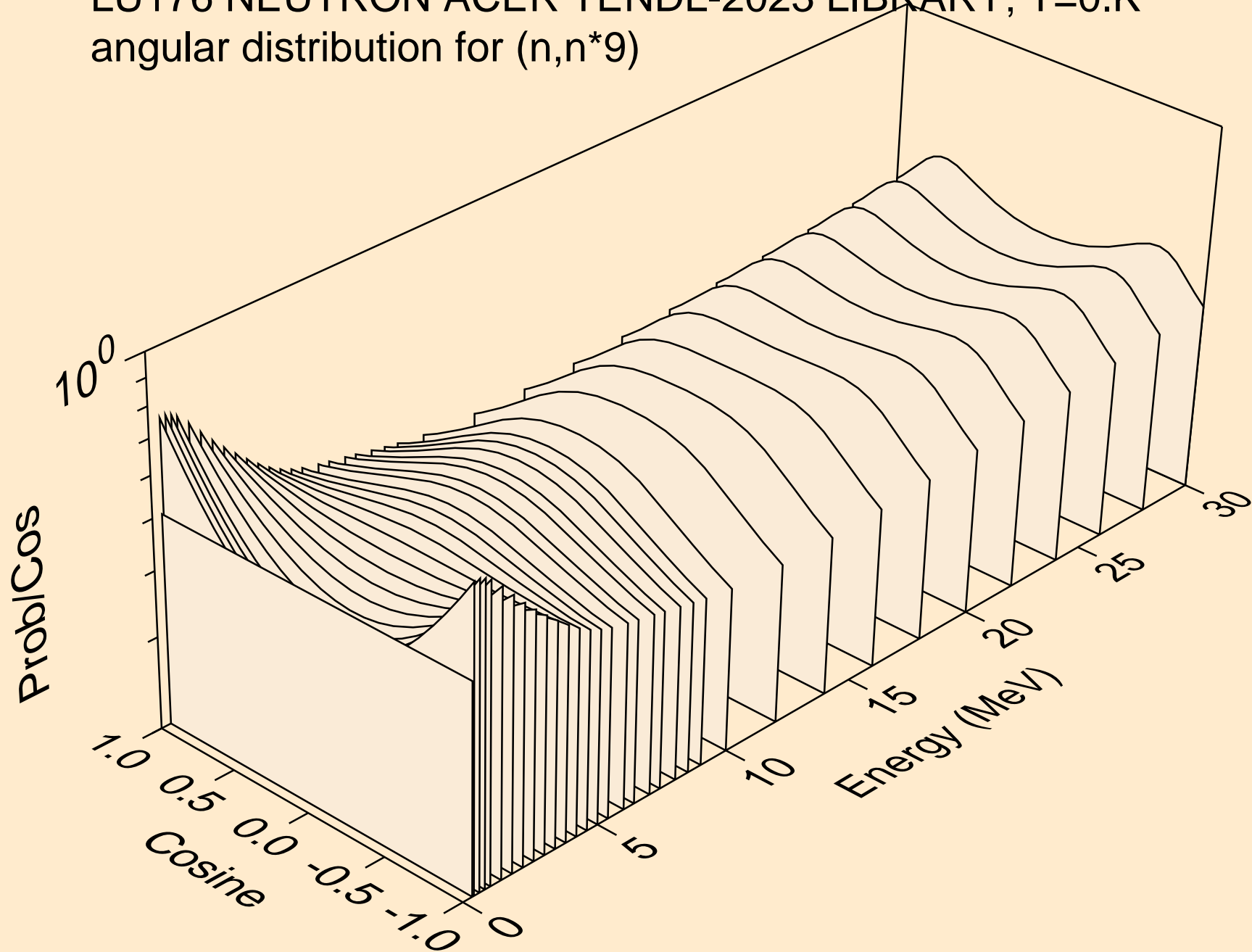


LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*8)

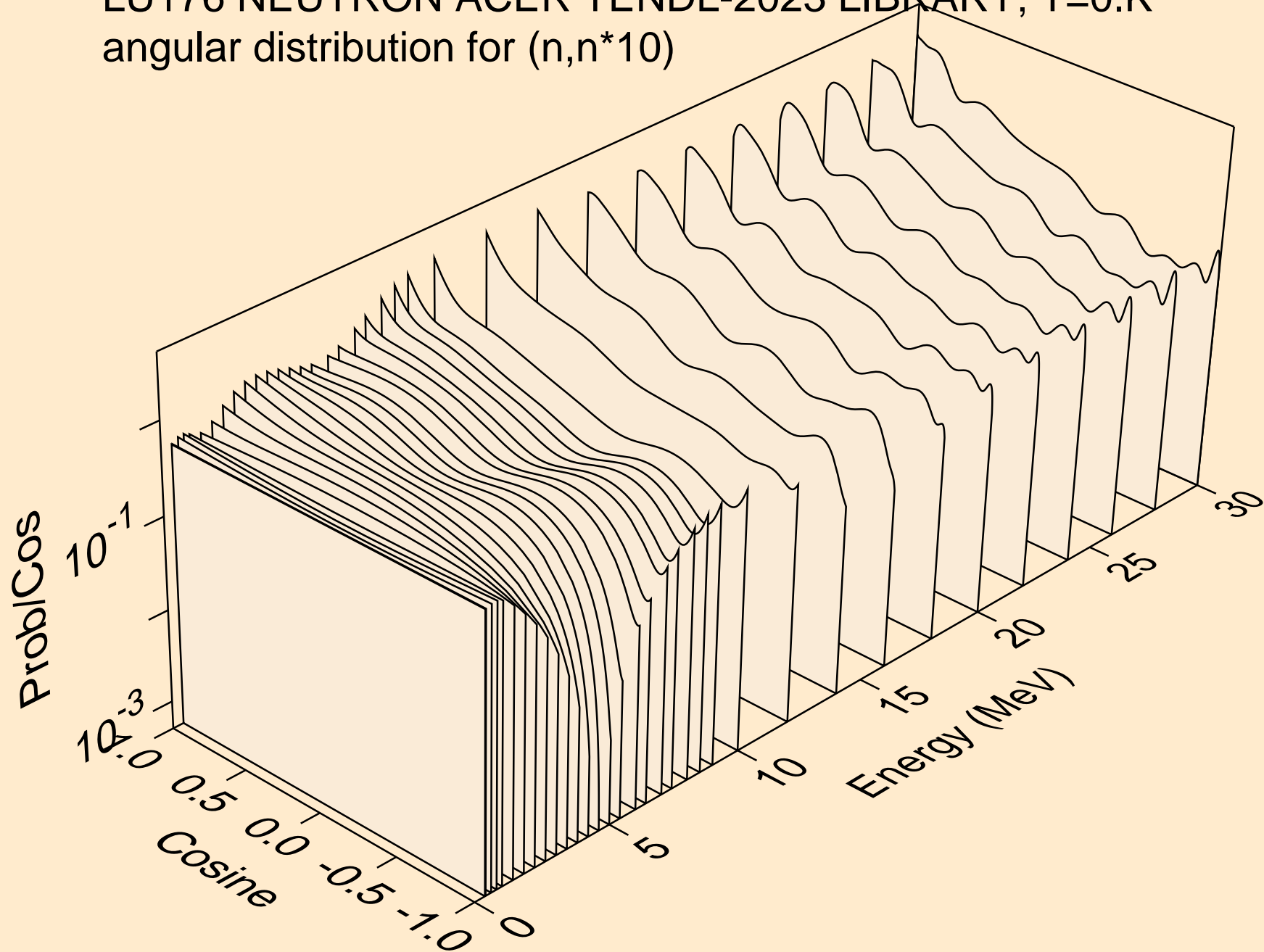




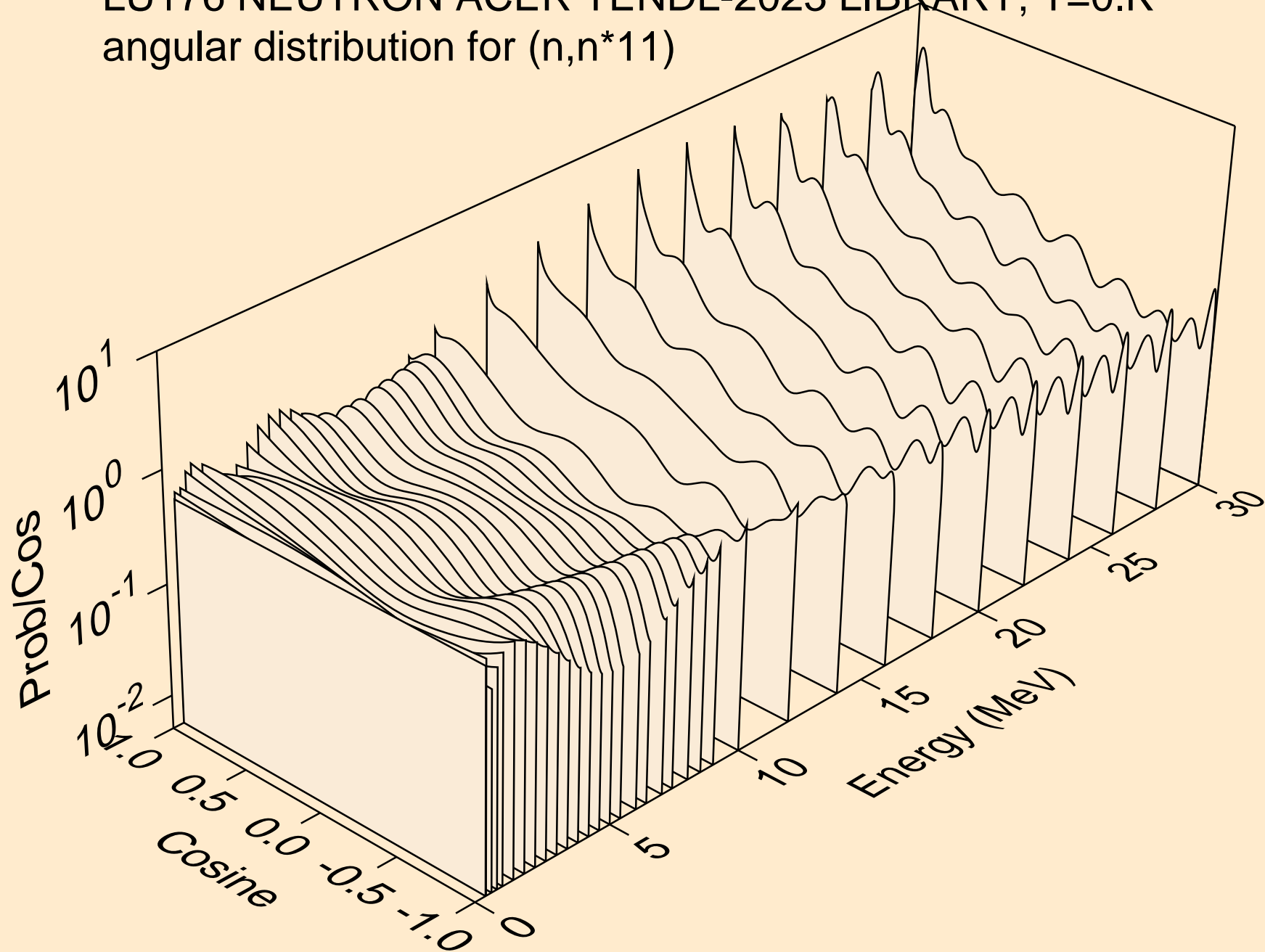
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



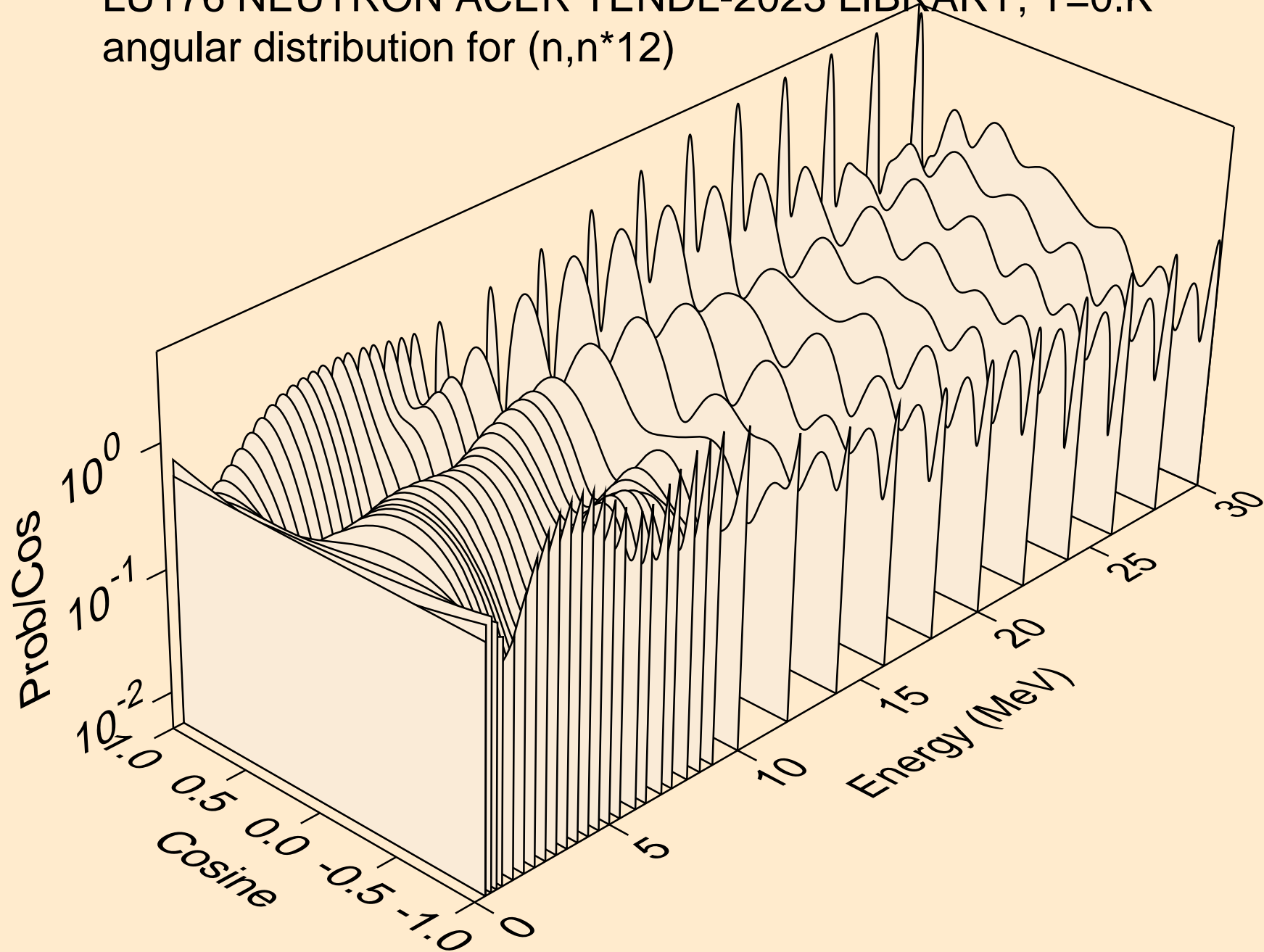
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



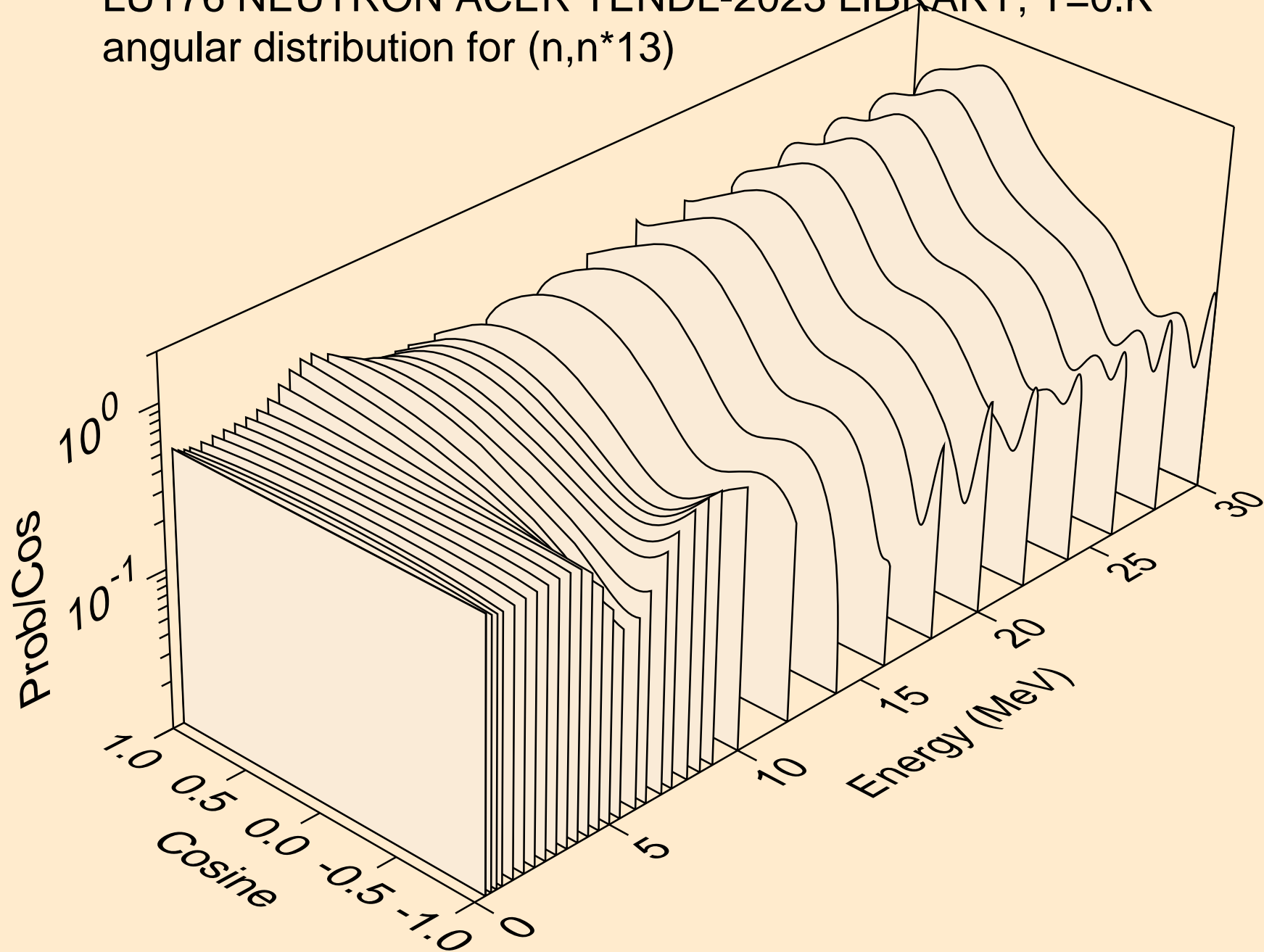
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



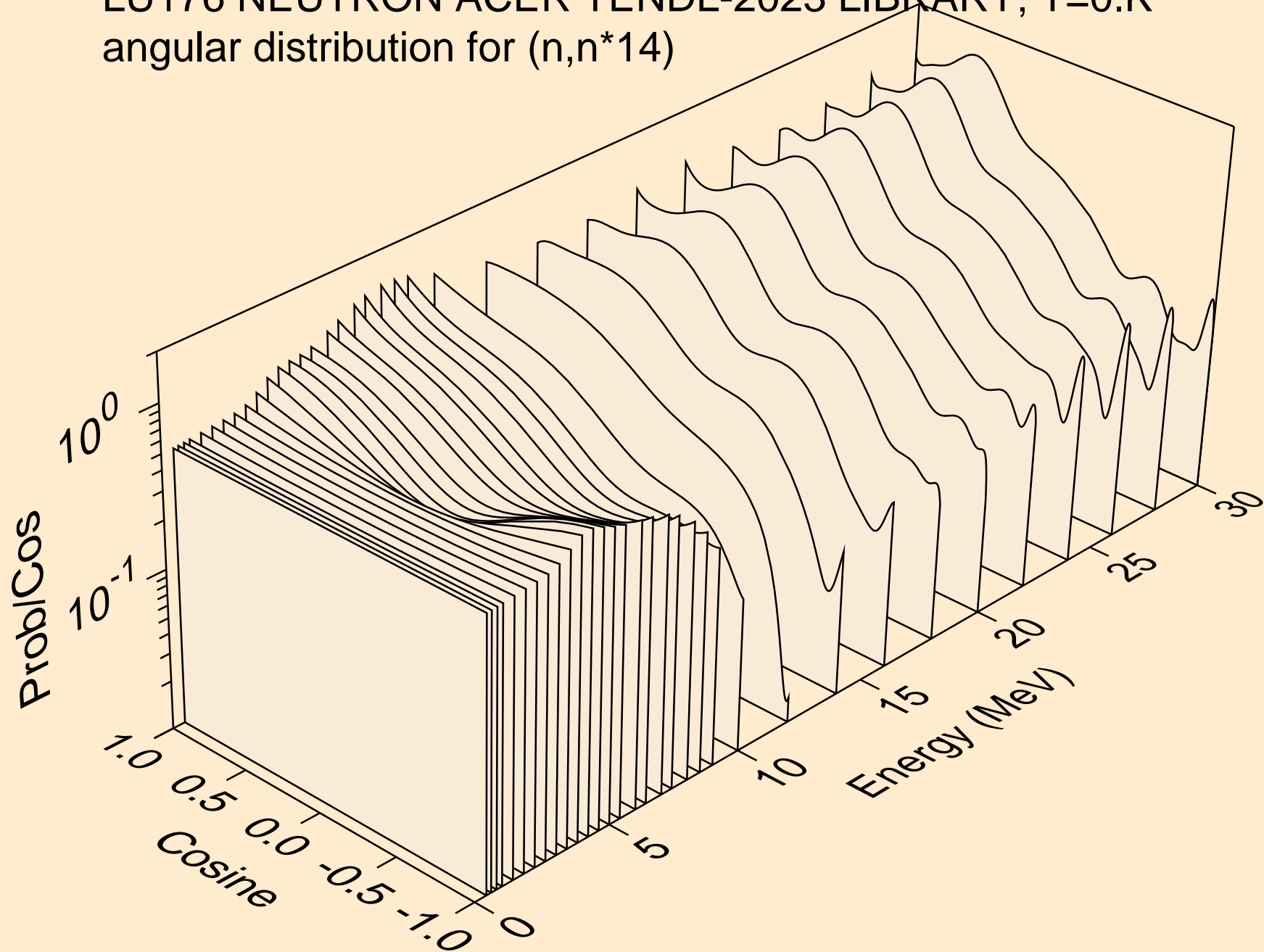
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



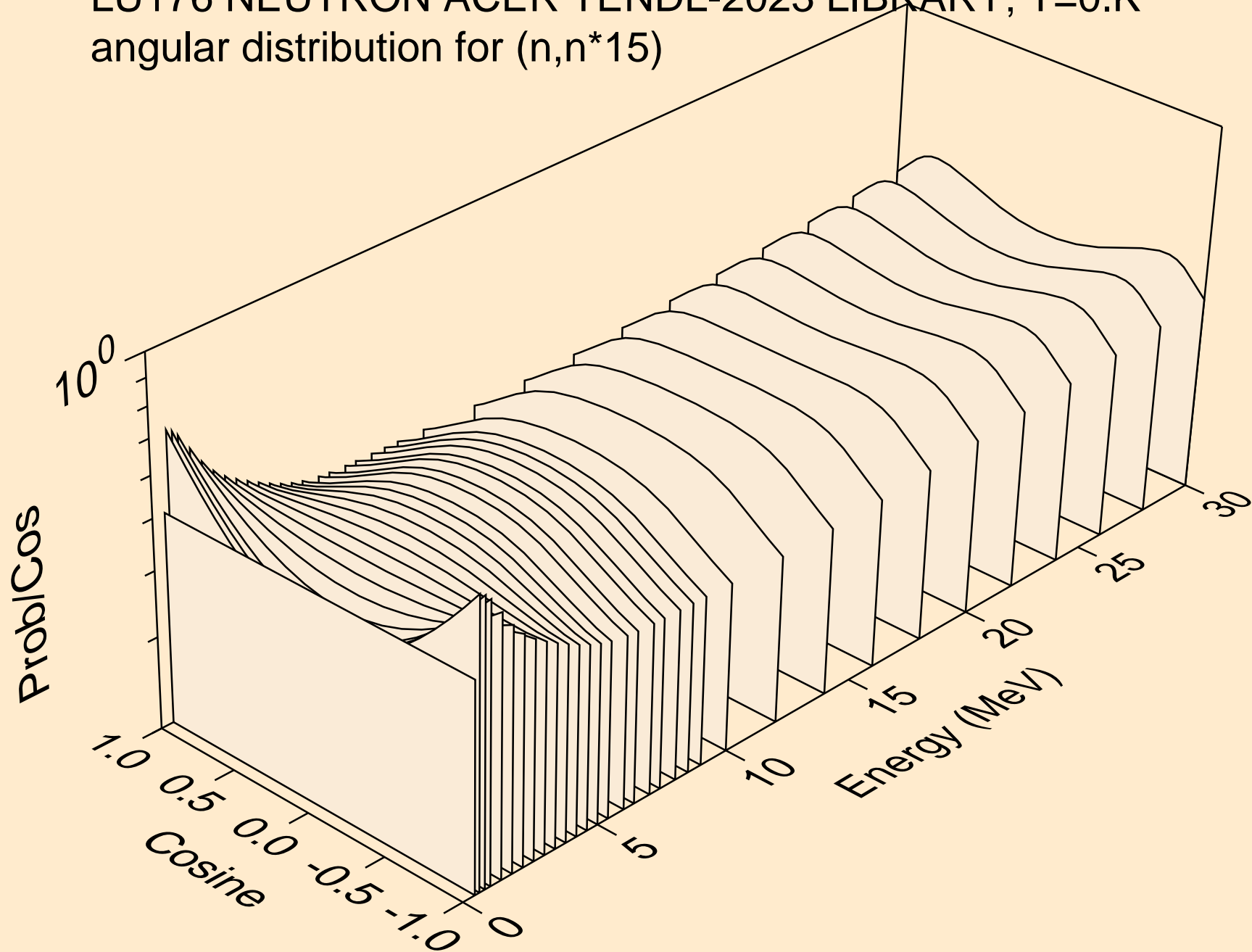
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



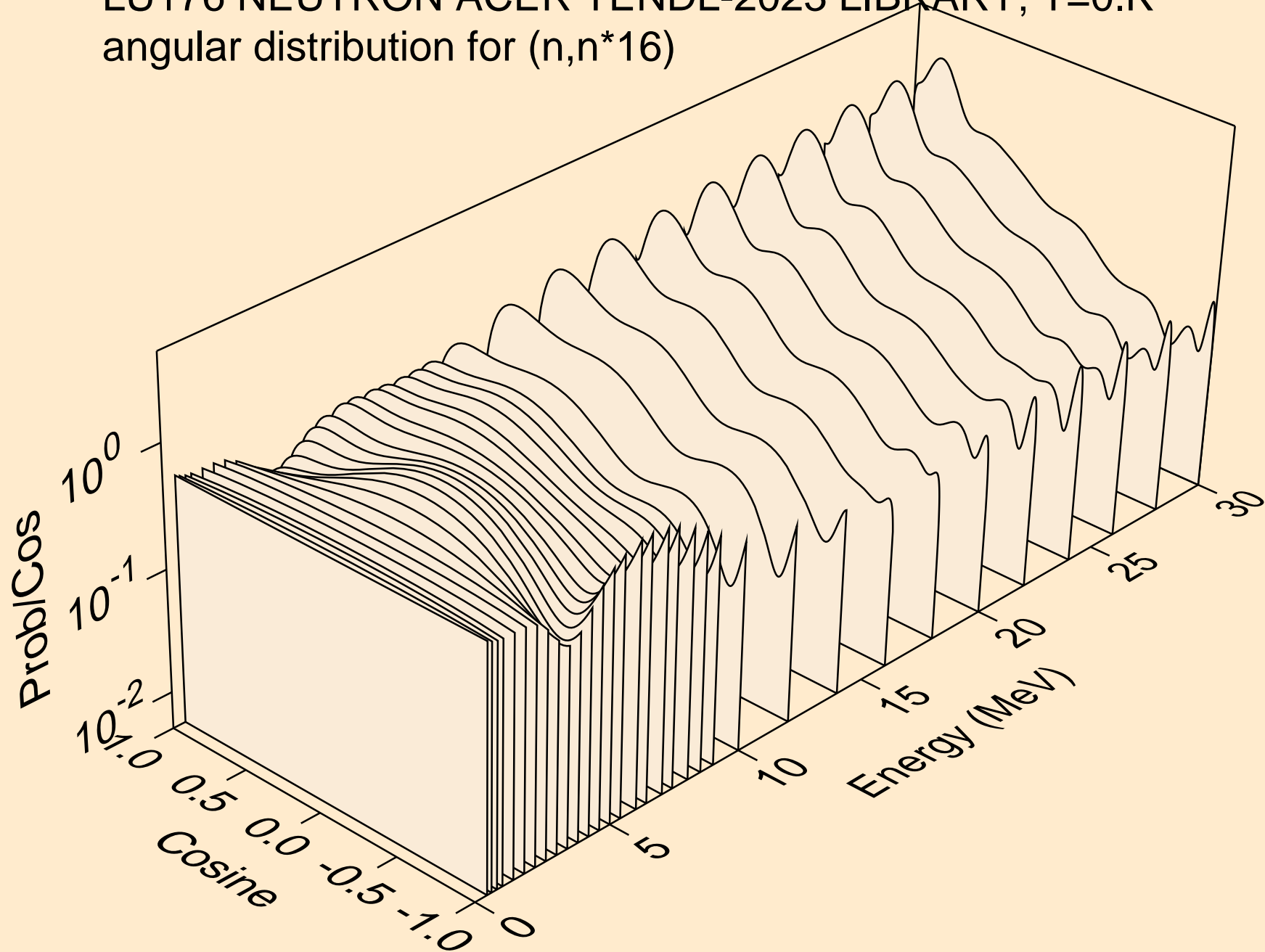
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*15)

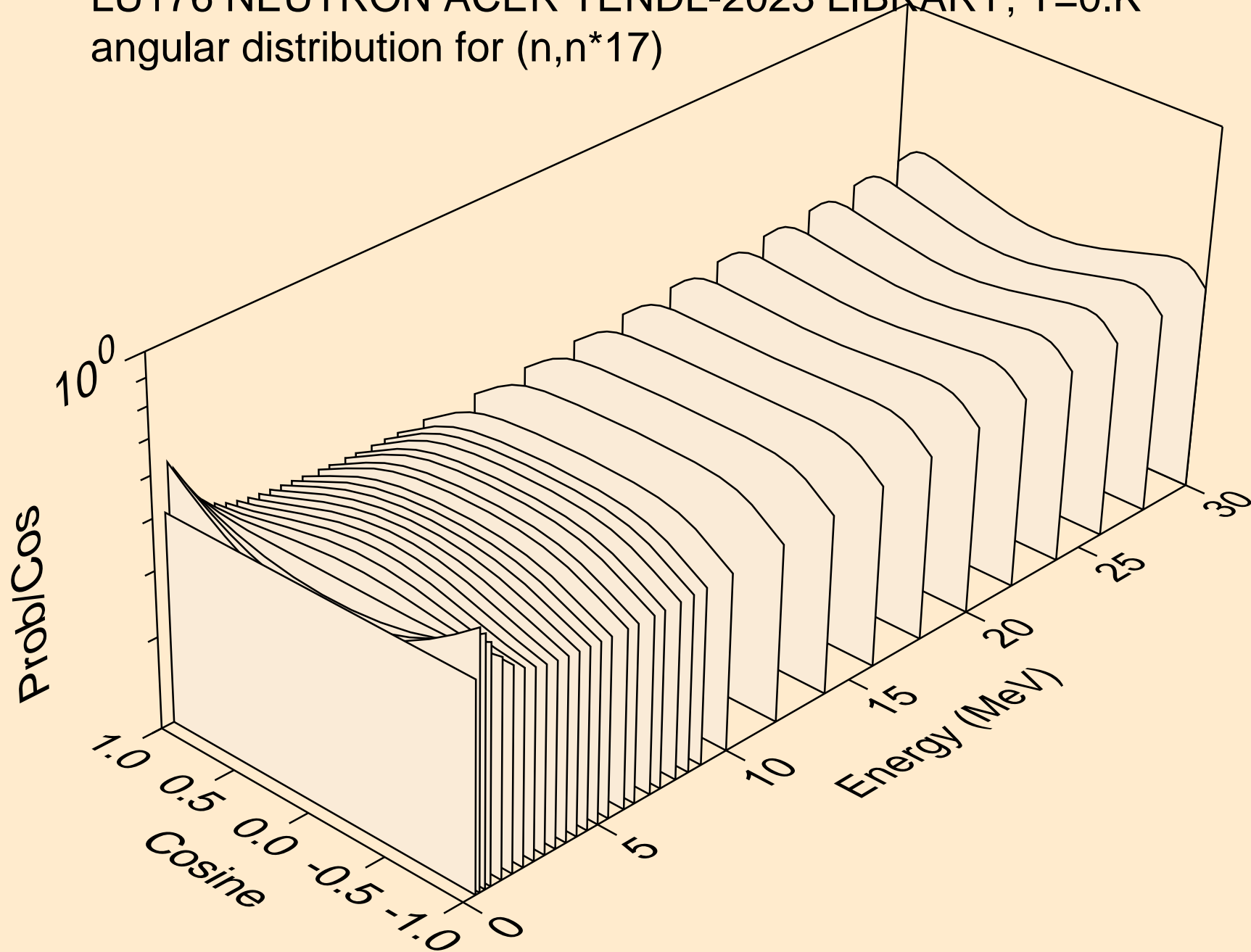


LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*16)

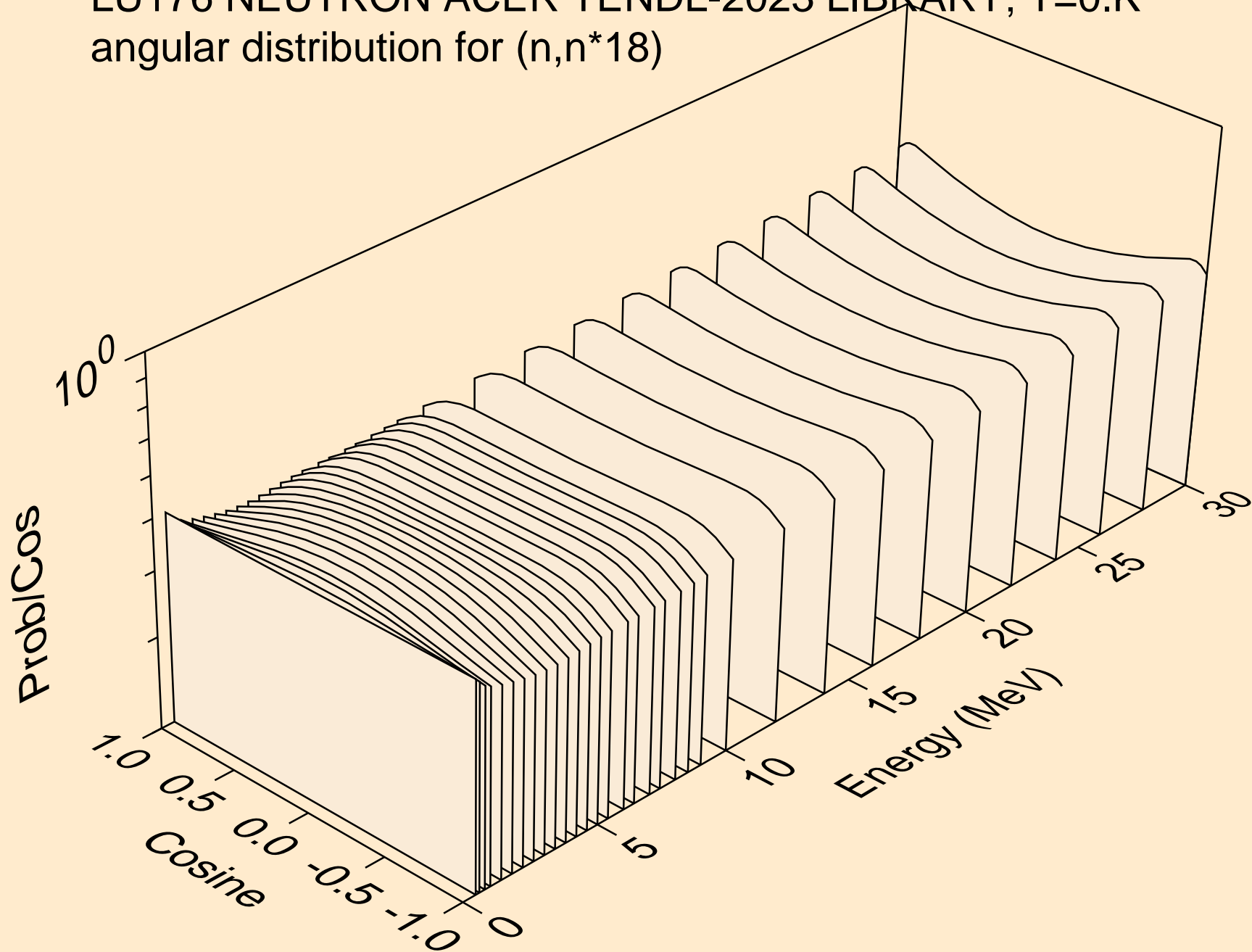




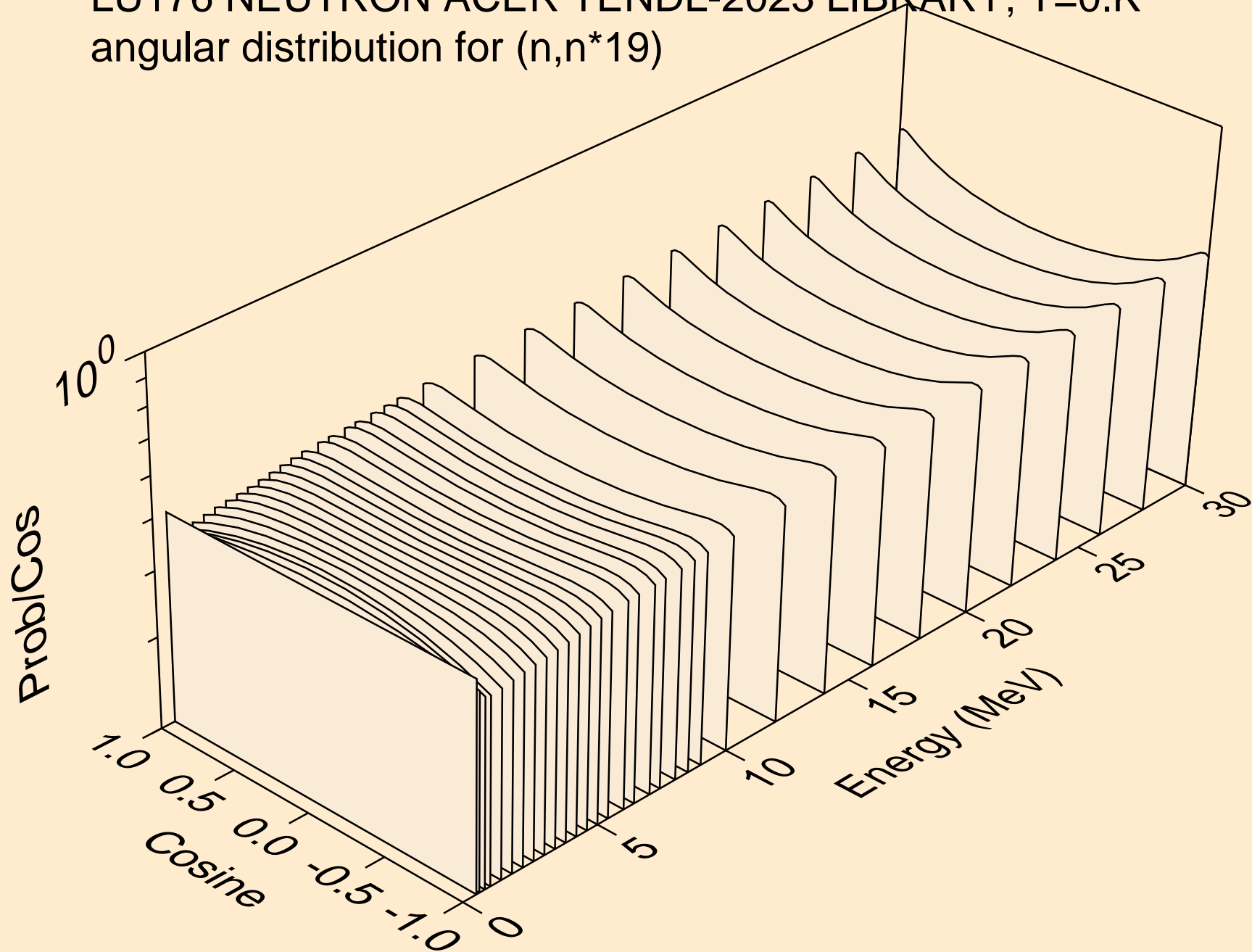
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



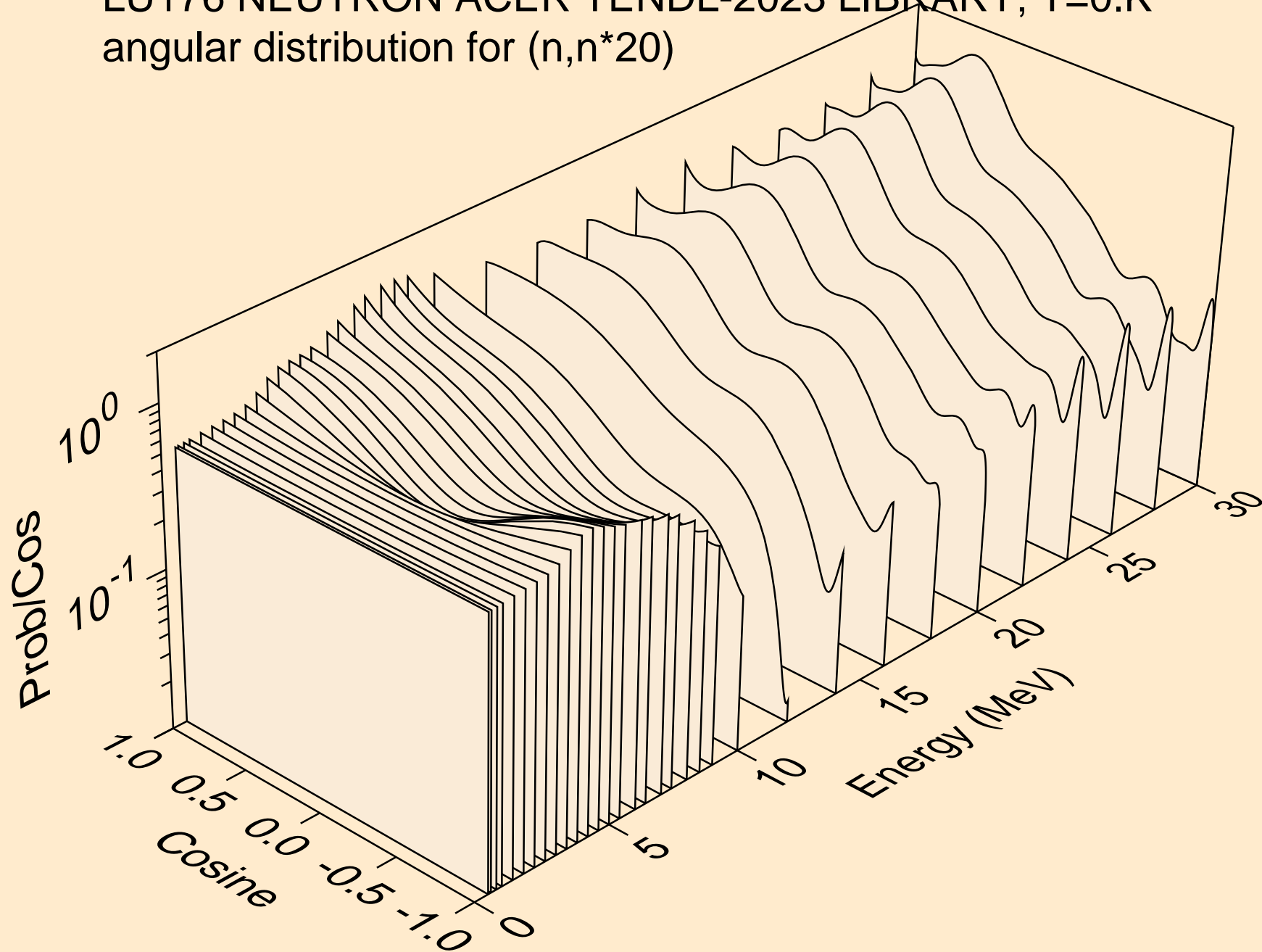
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*18)



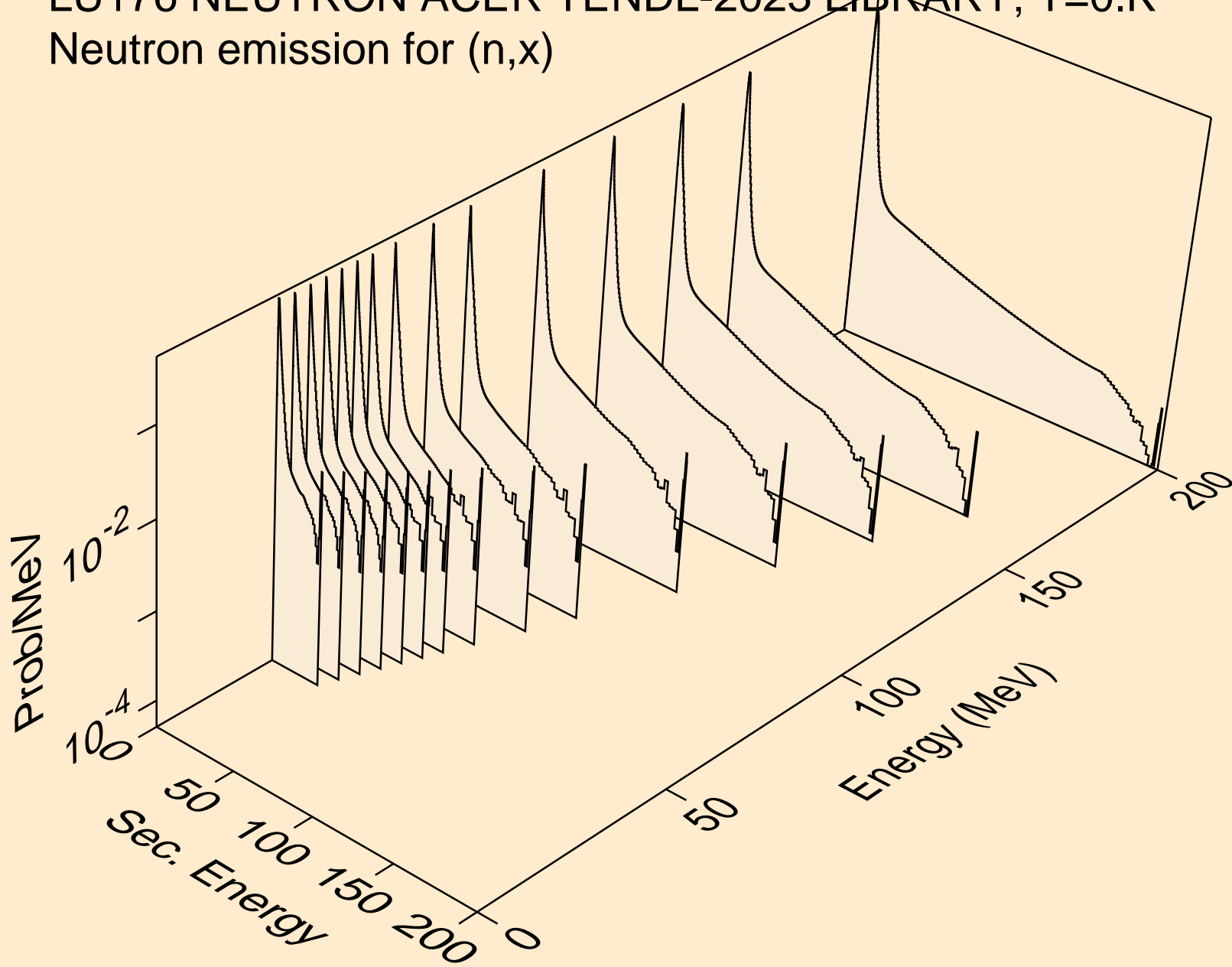
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*19)



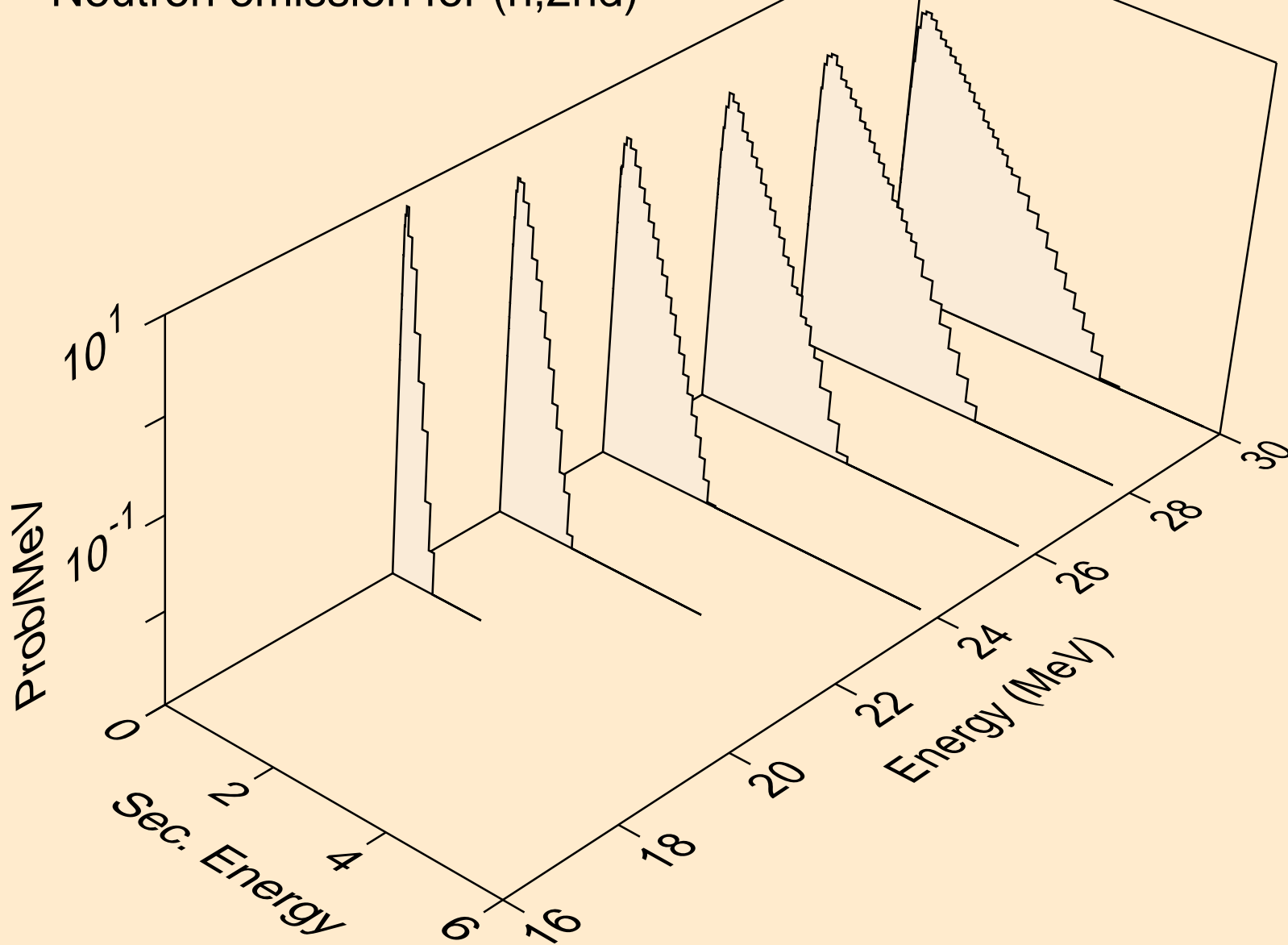
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



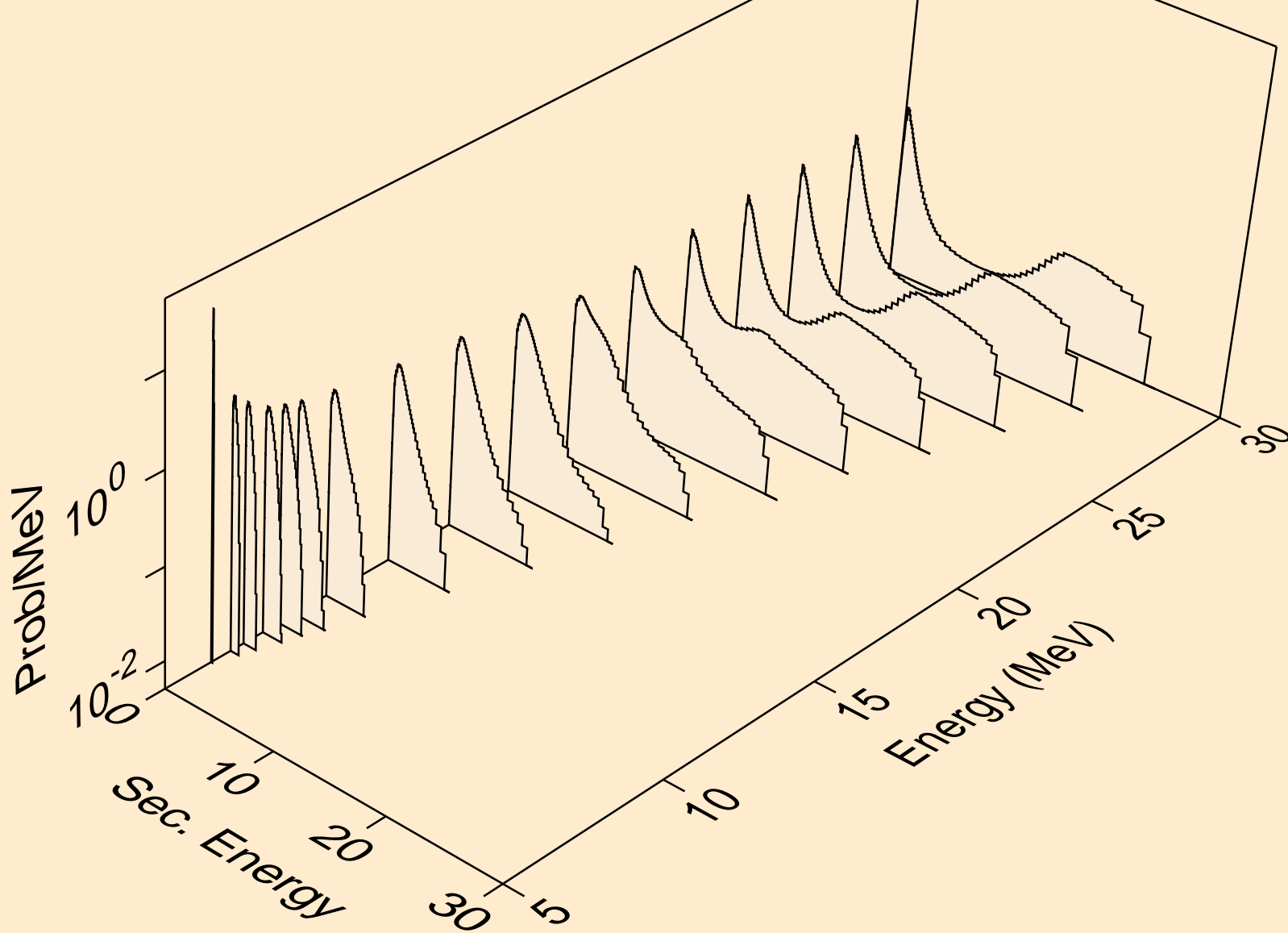
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



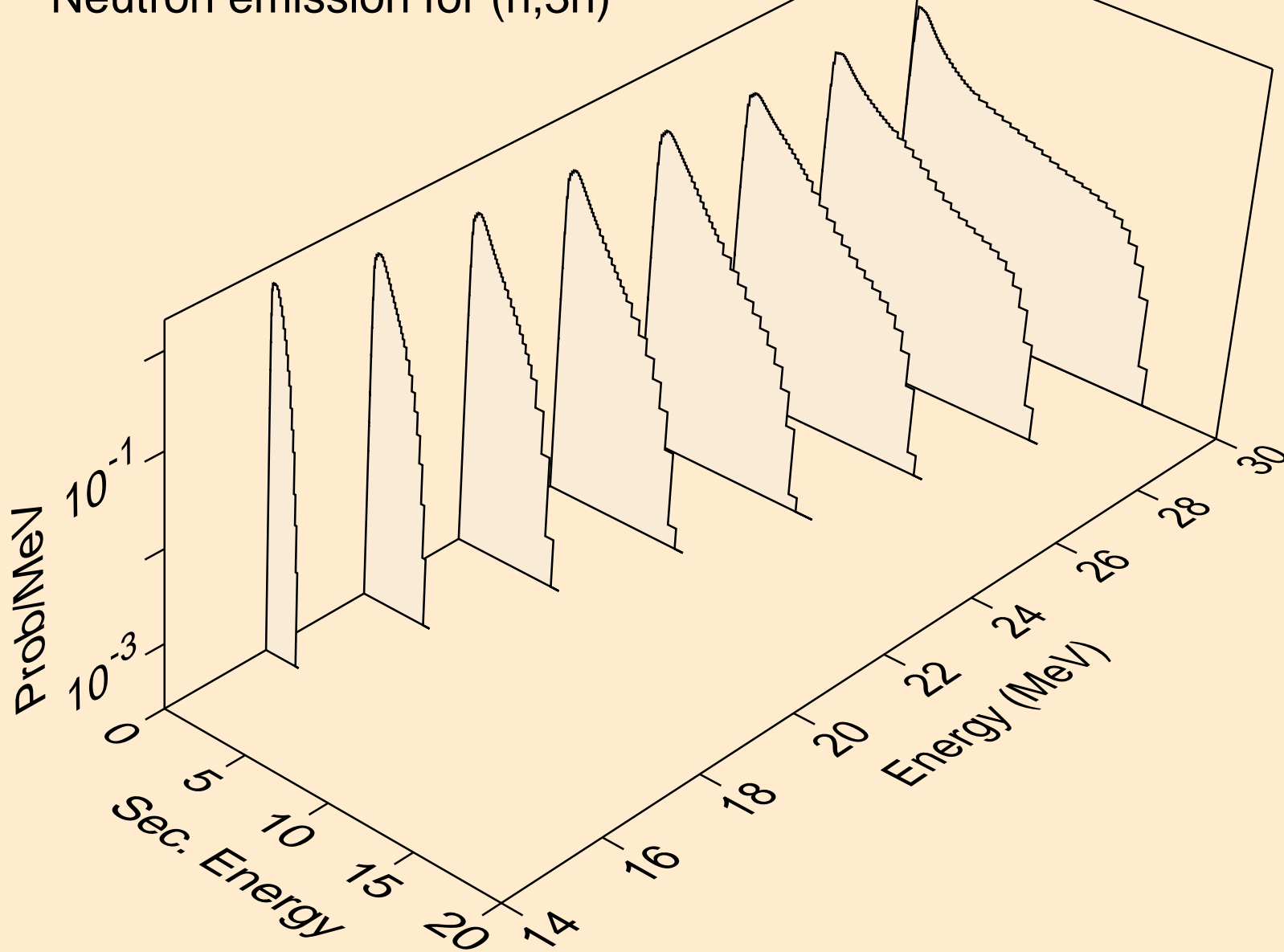
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)

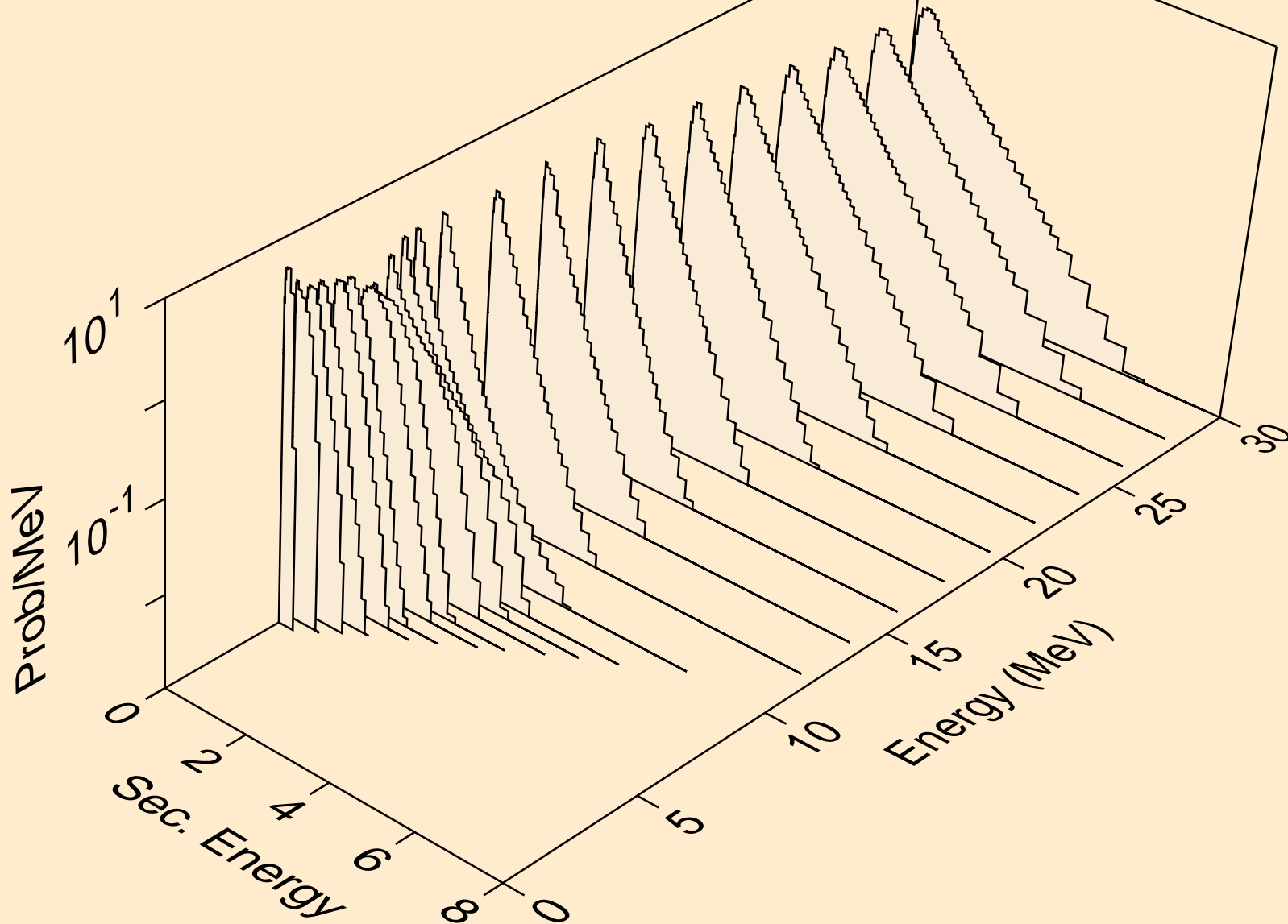


LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)

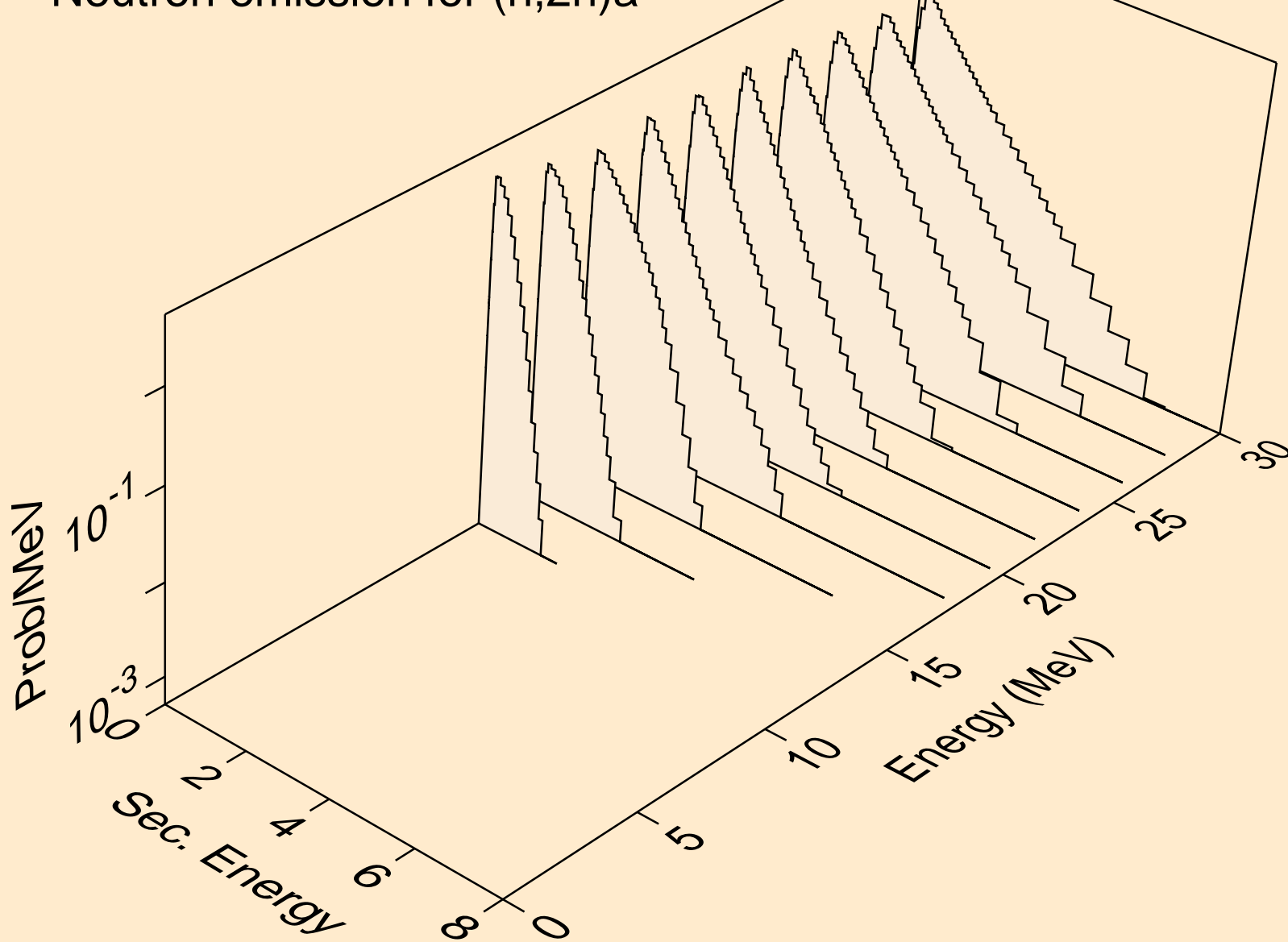




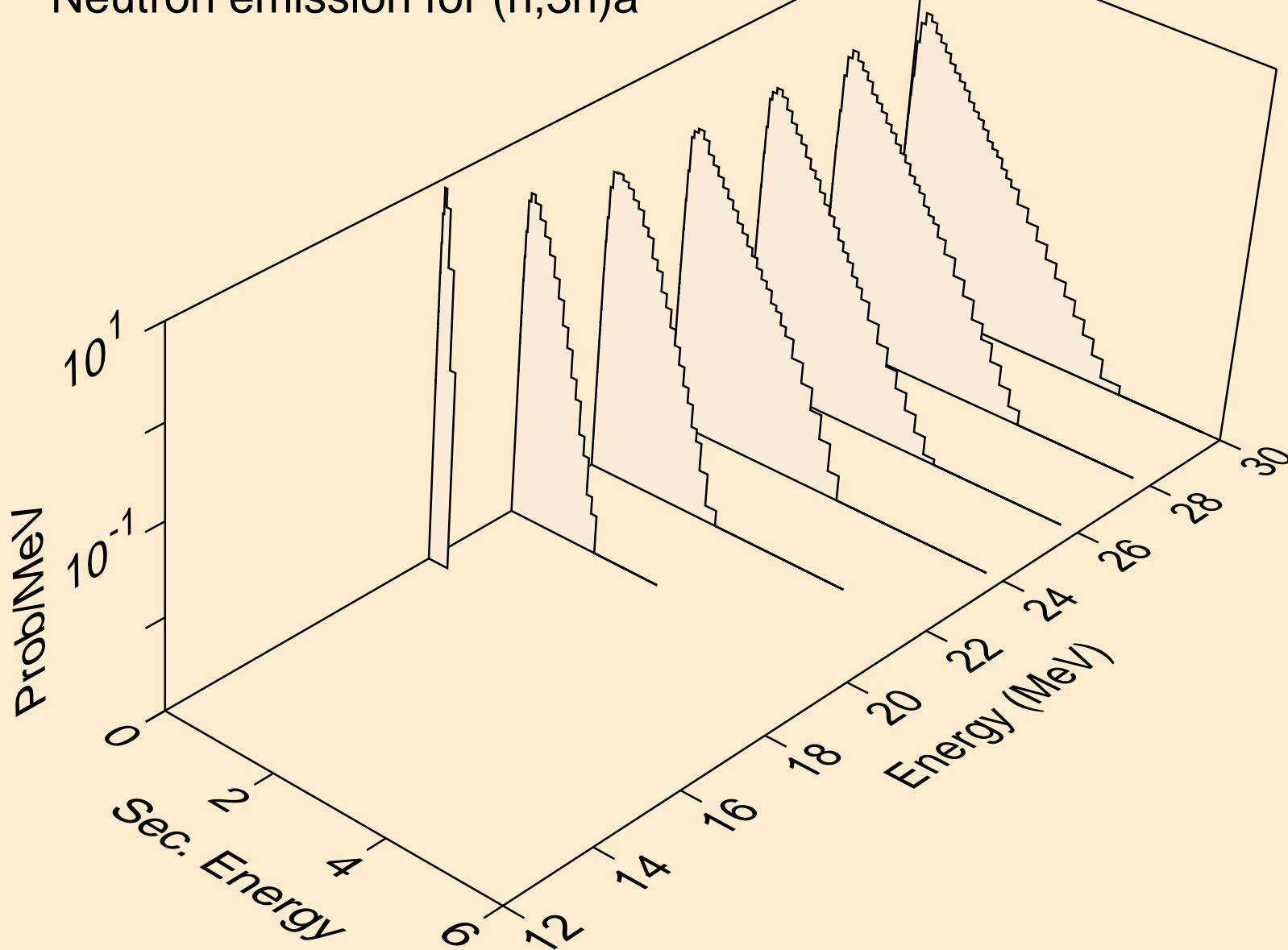
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



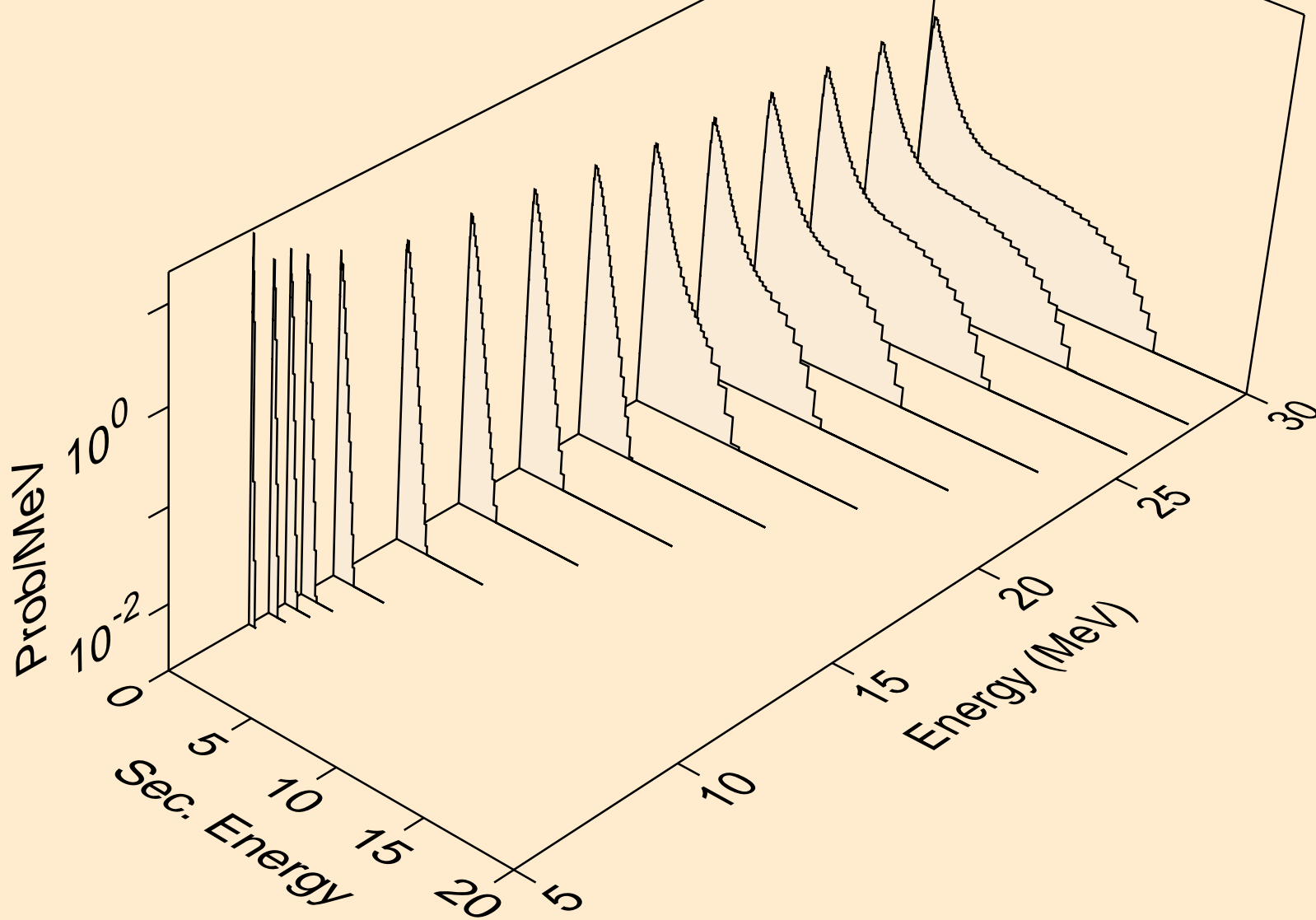
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



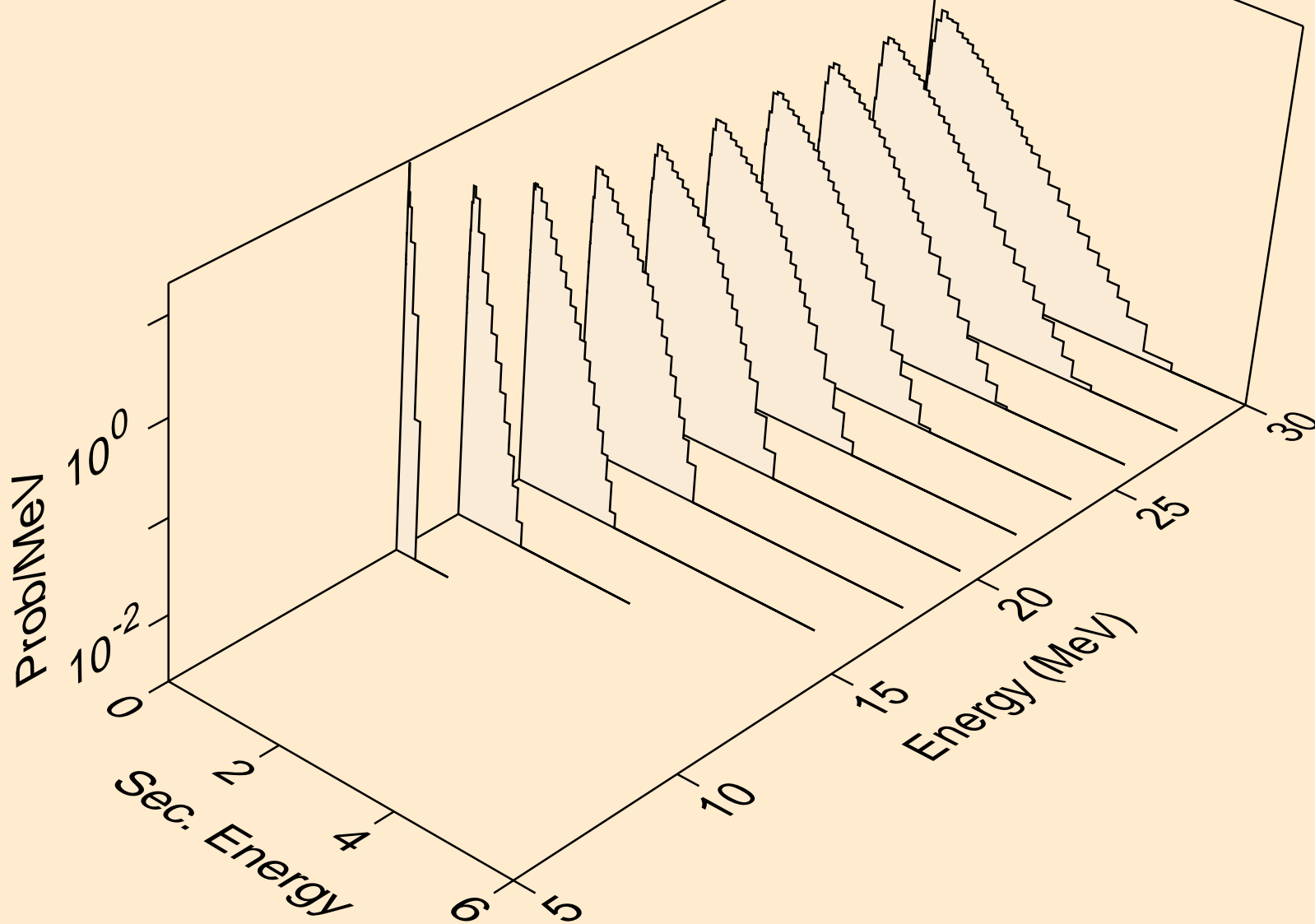
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



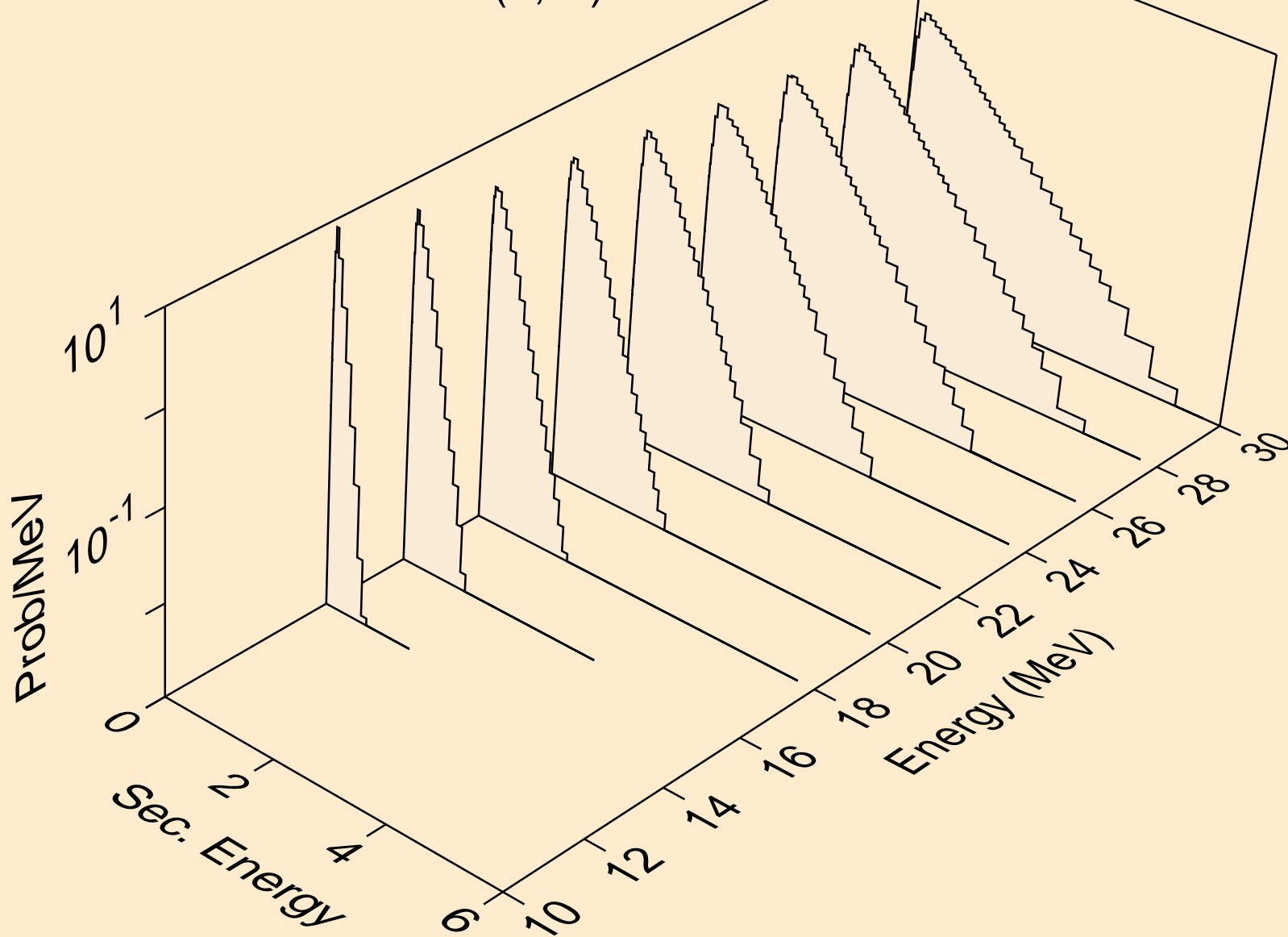
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



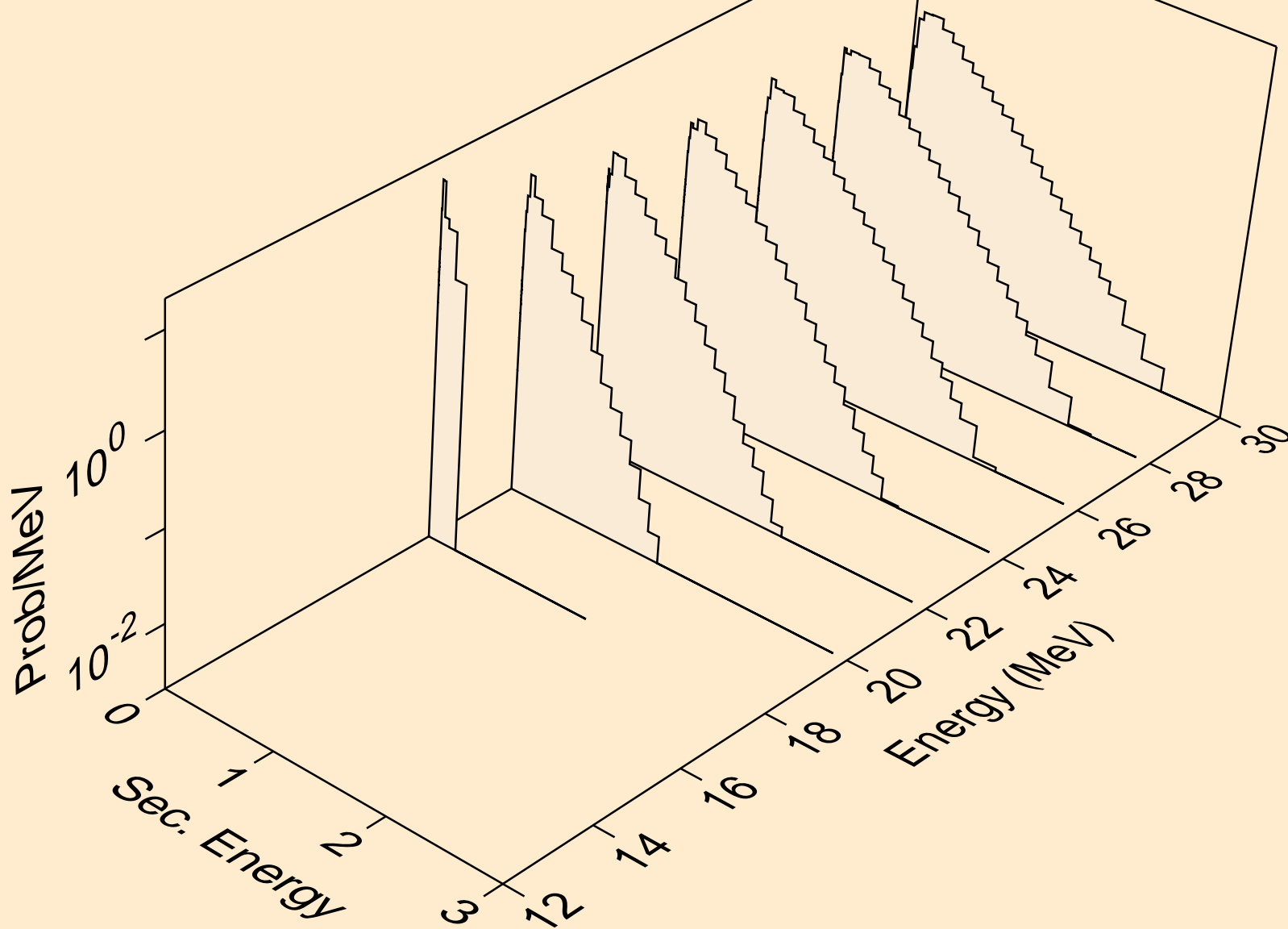
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



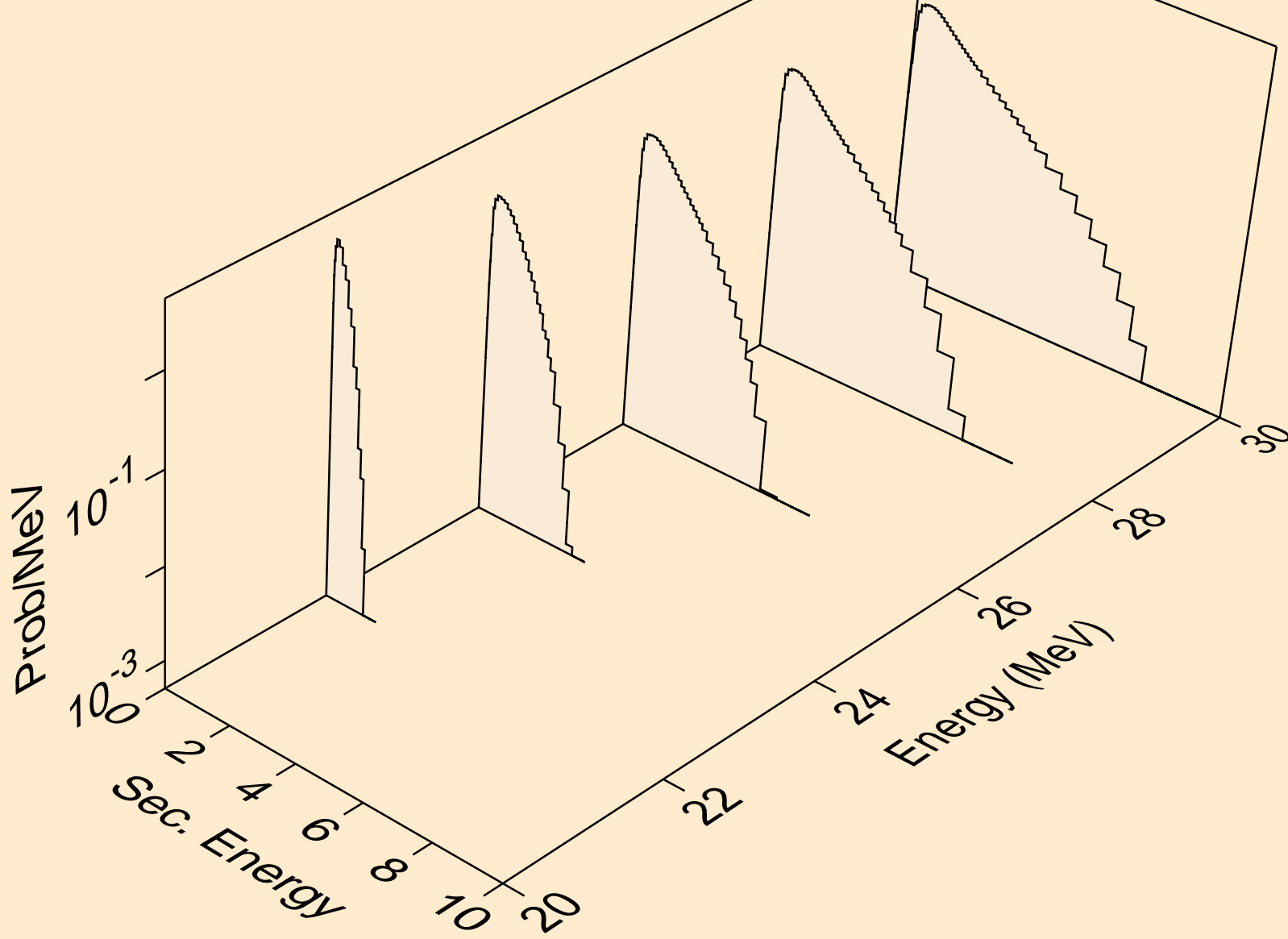
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3

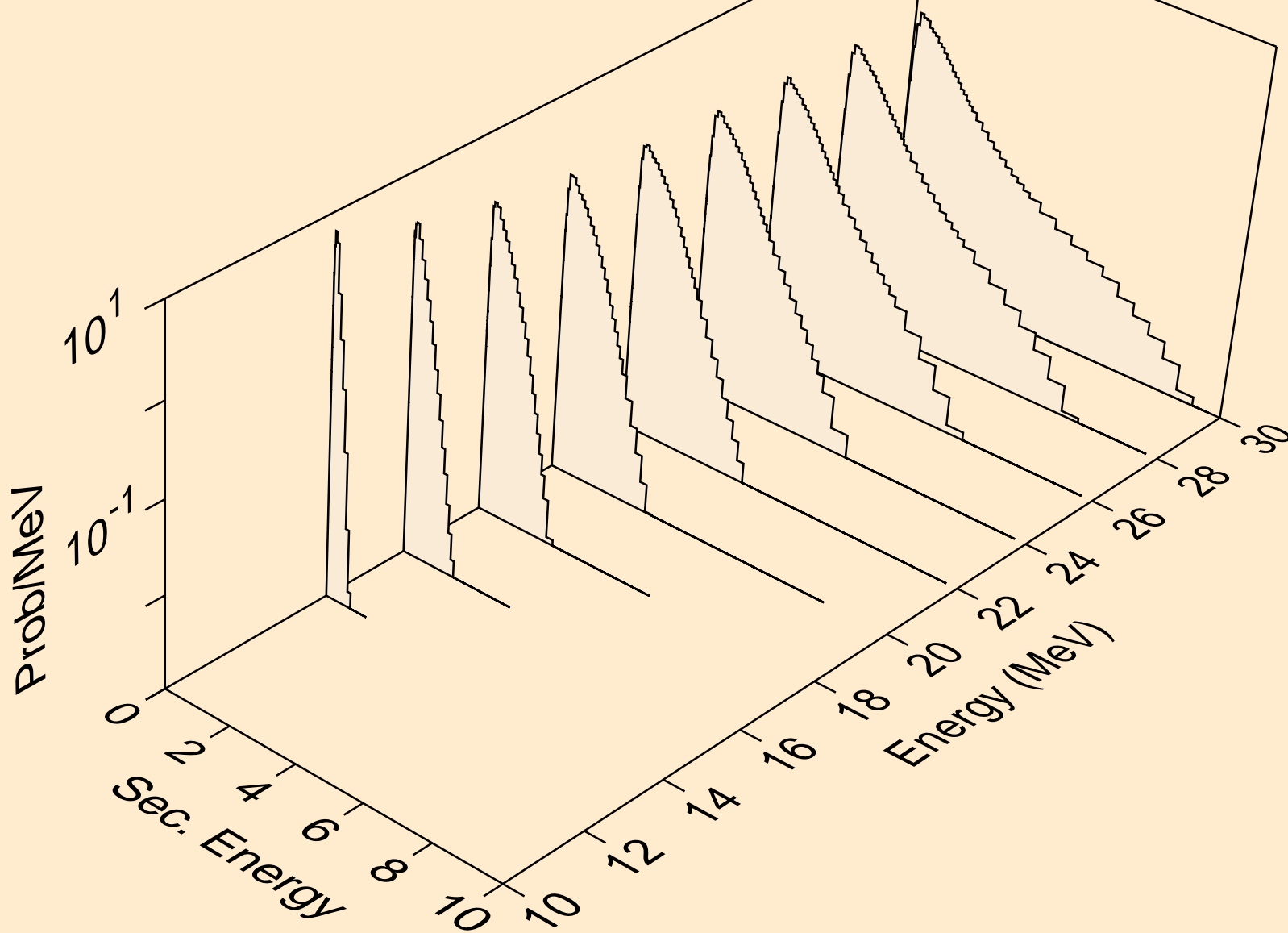


LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)

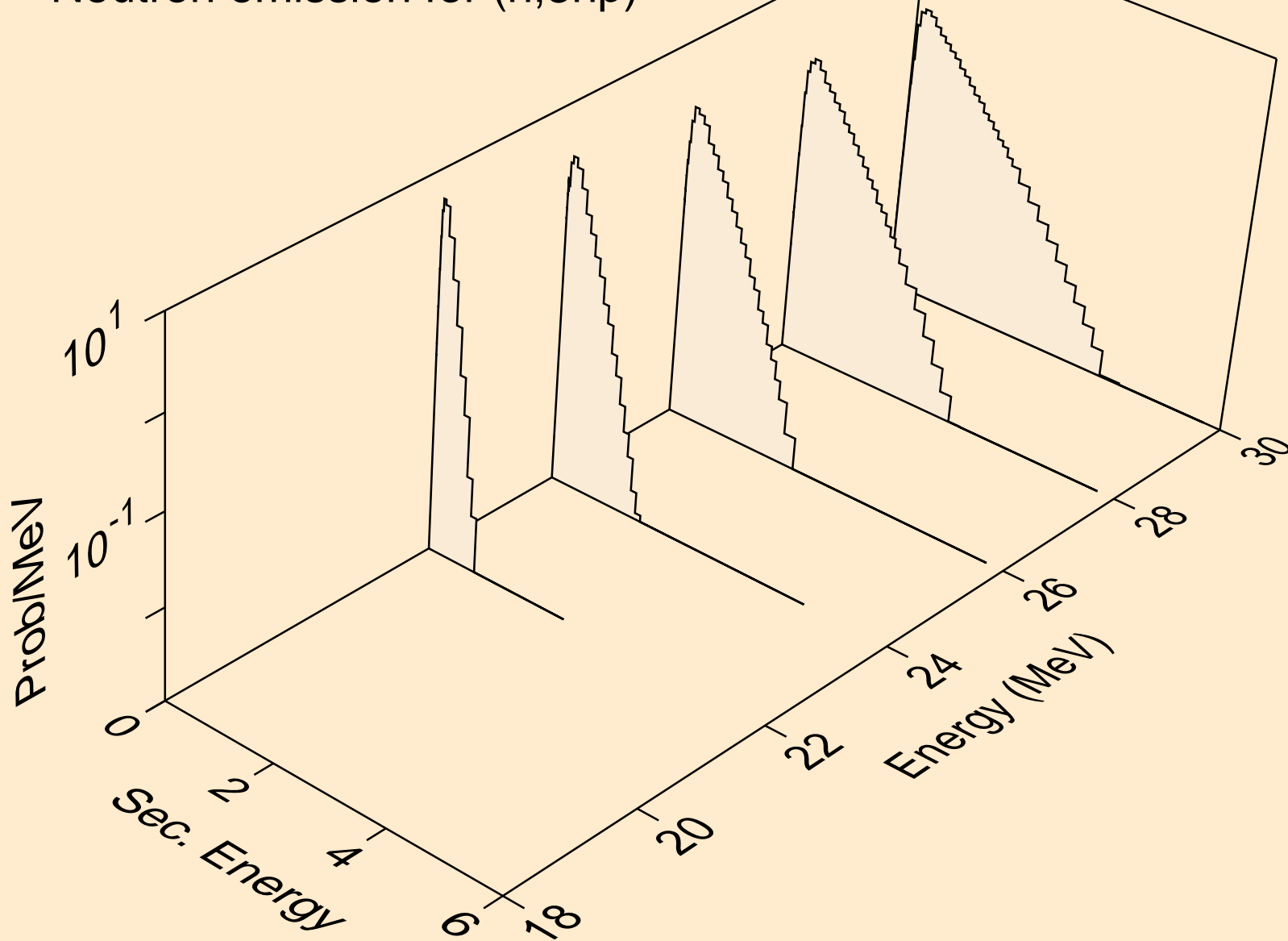




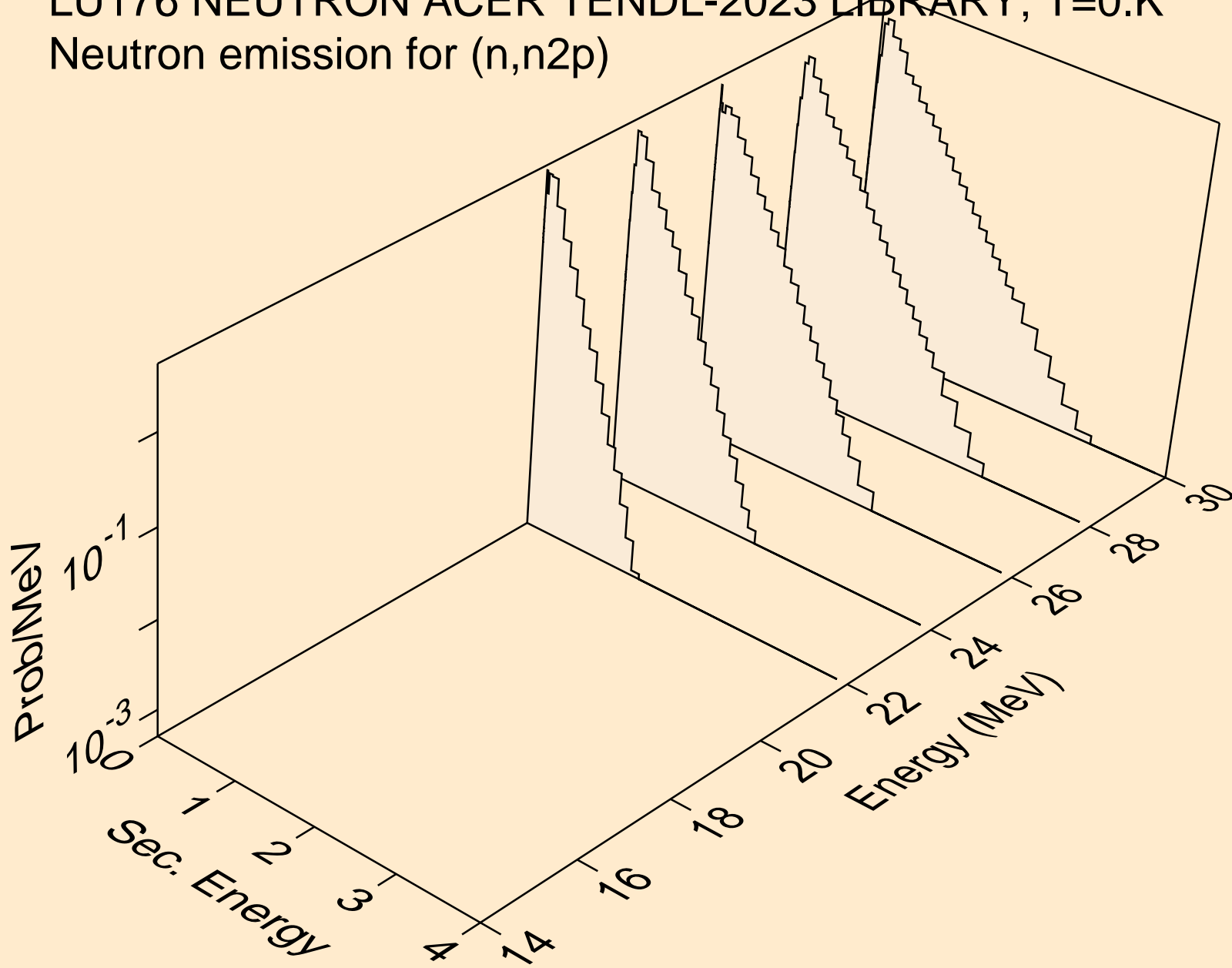
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)



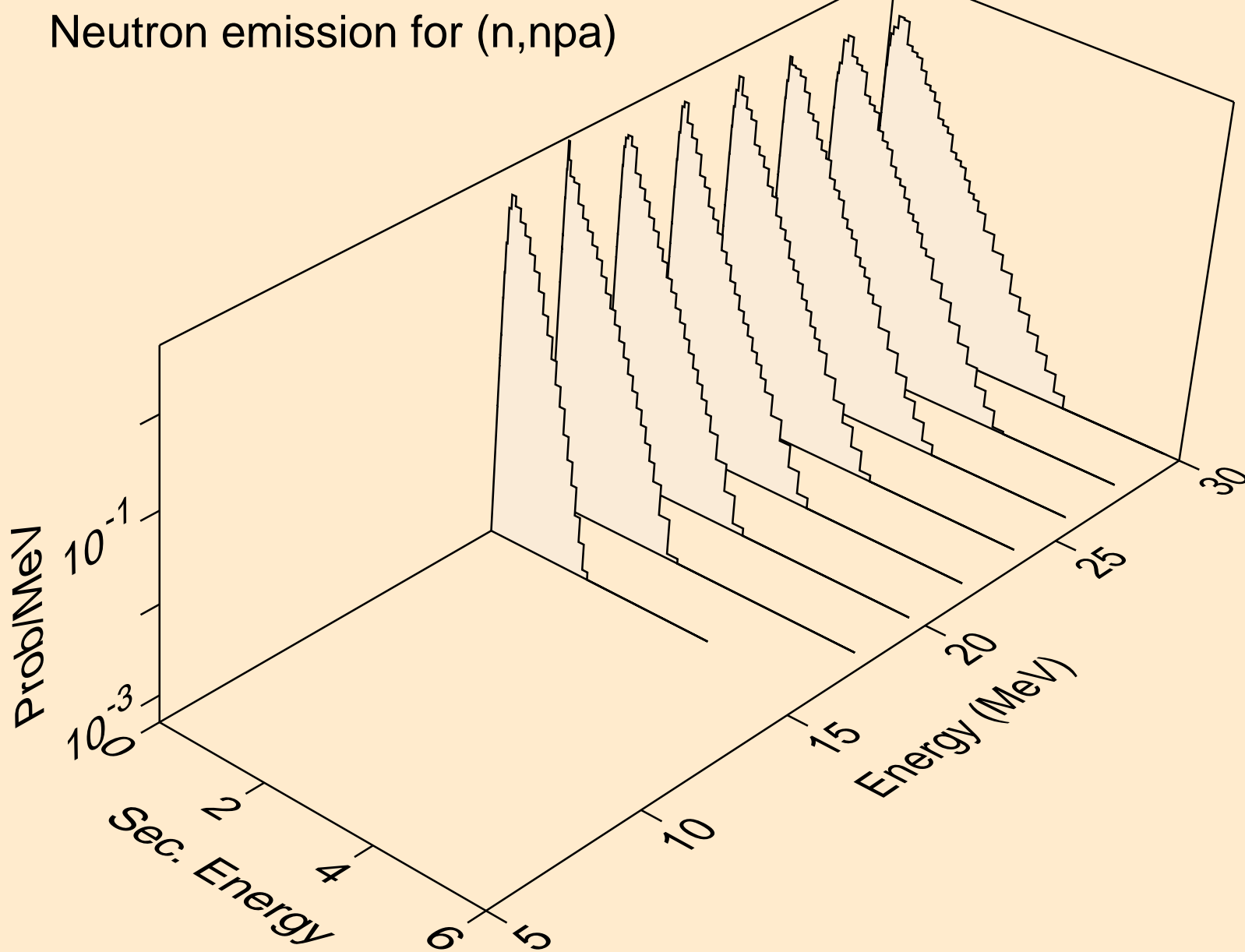
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3np)



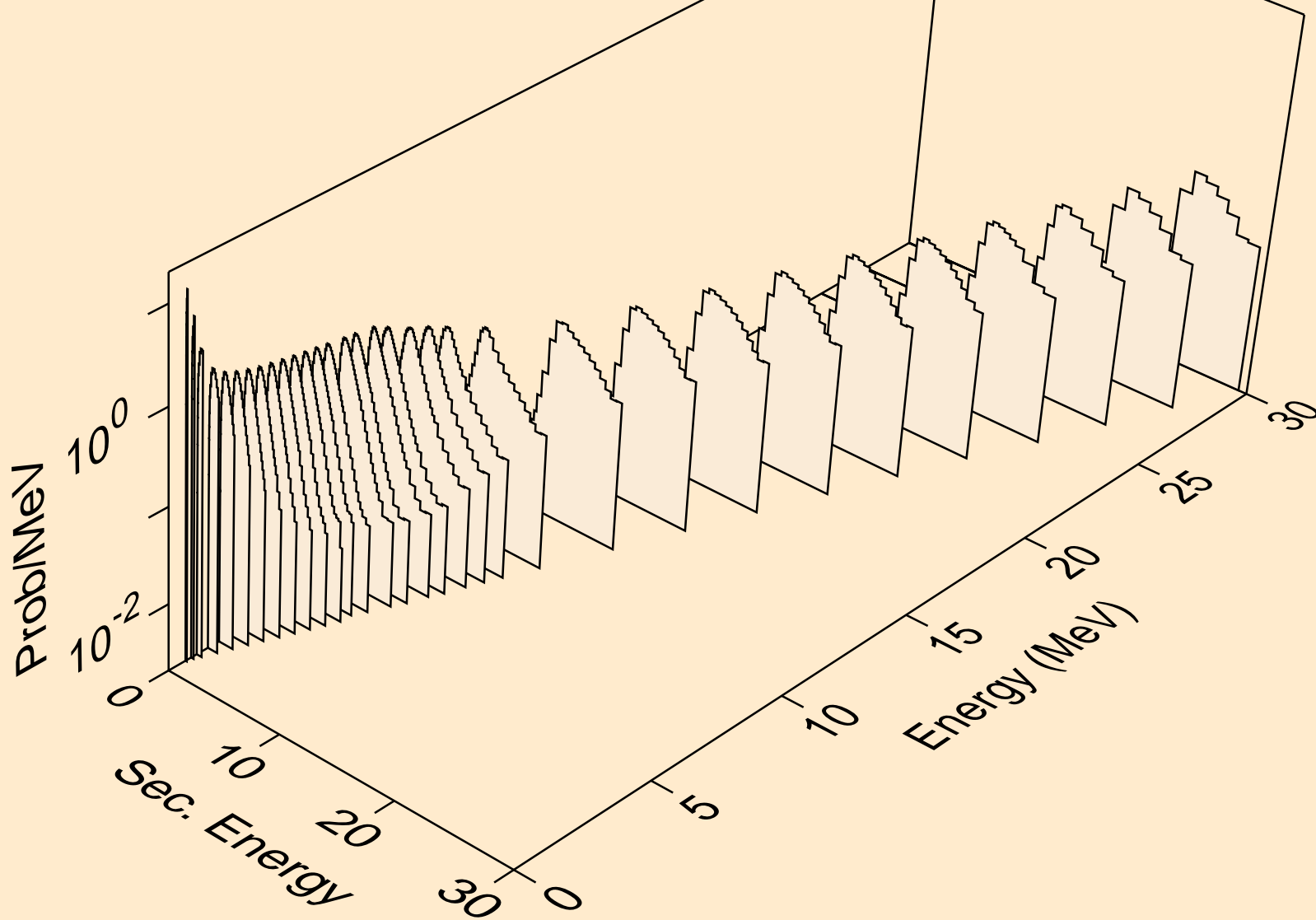
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



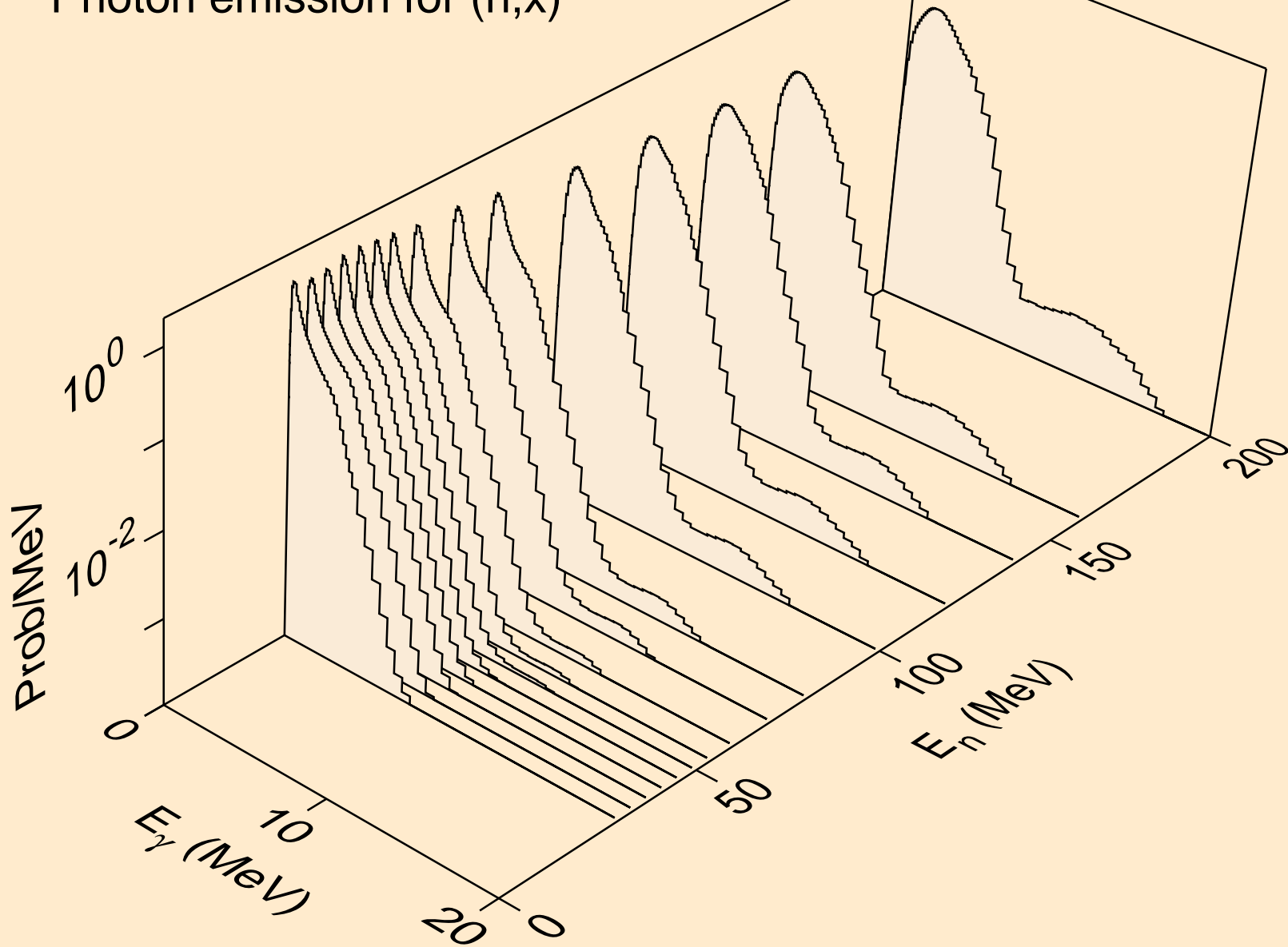
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,npa)



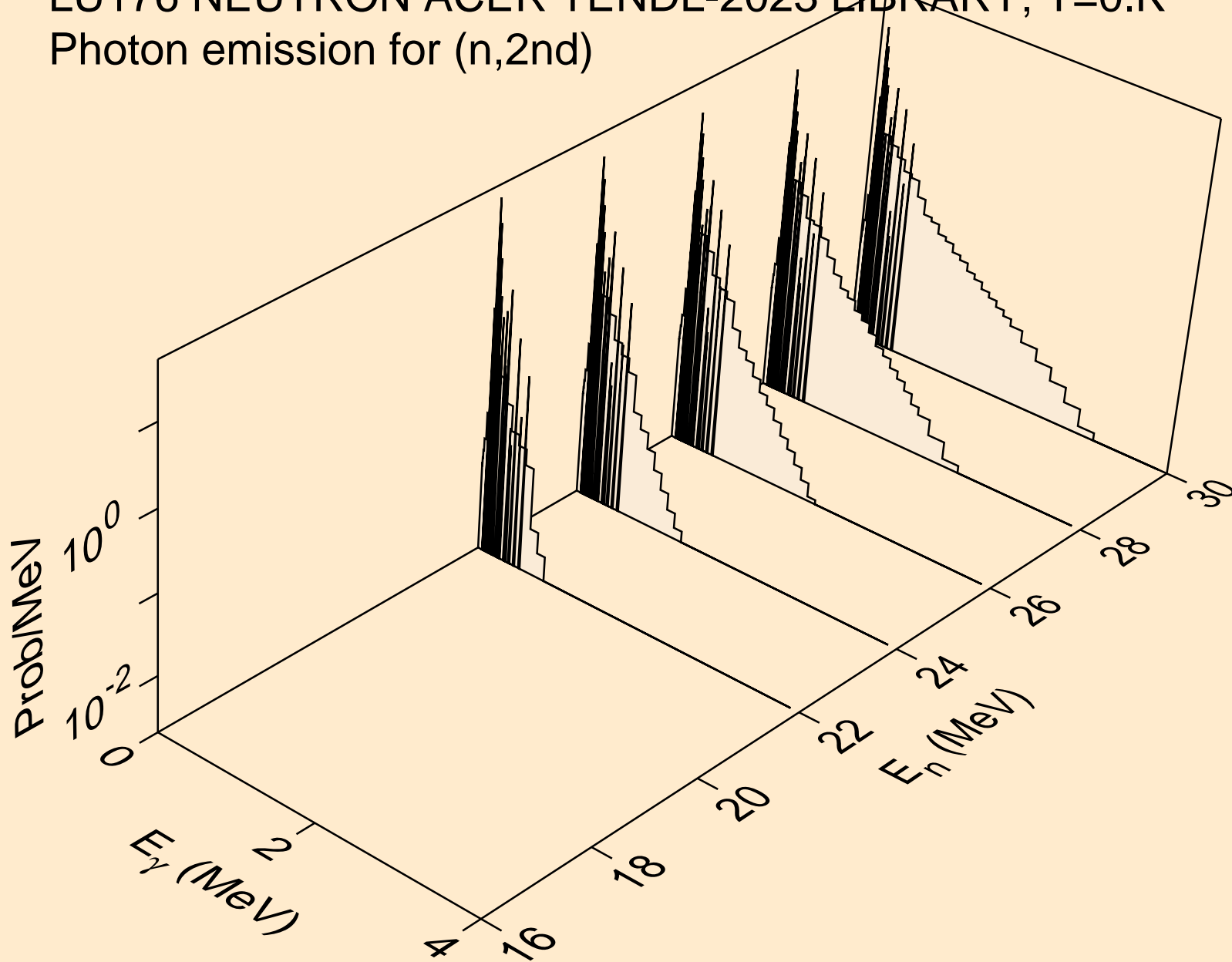
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



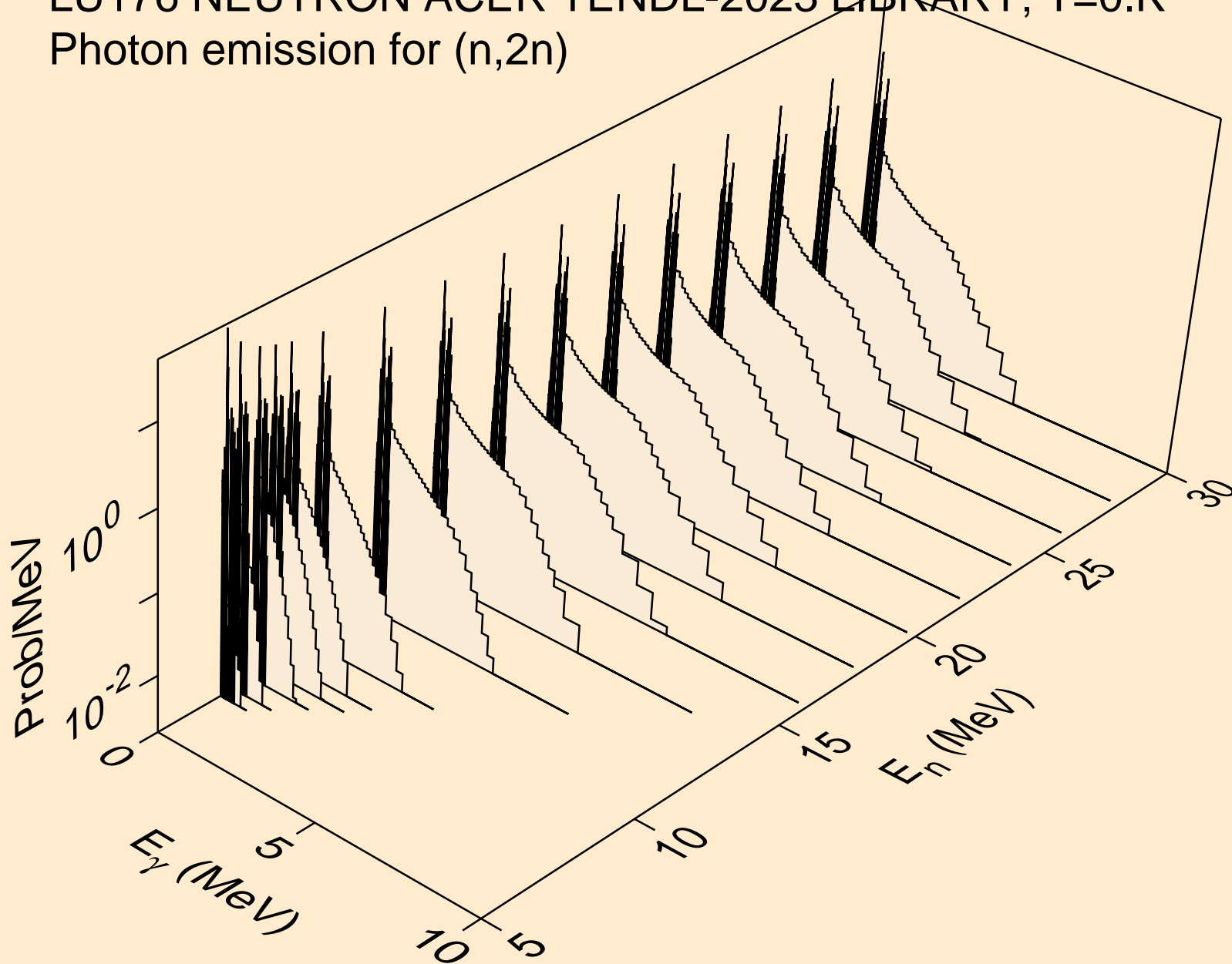
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)

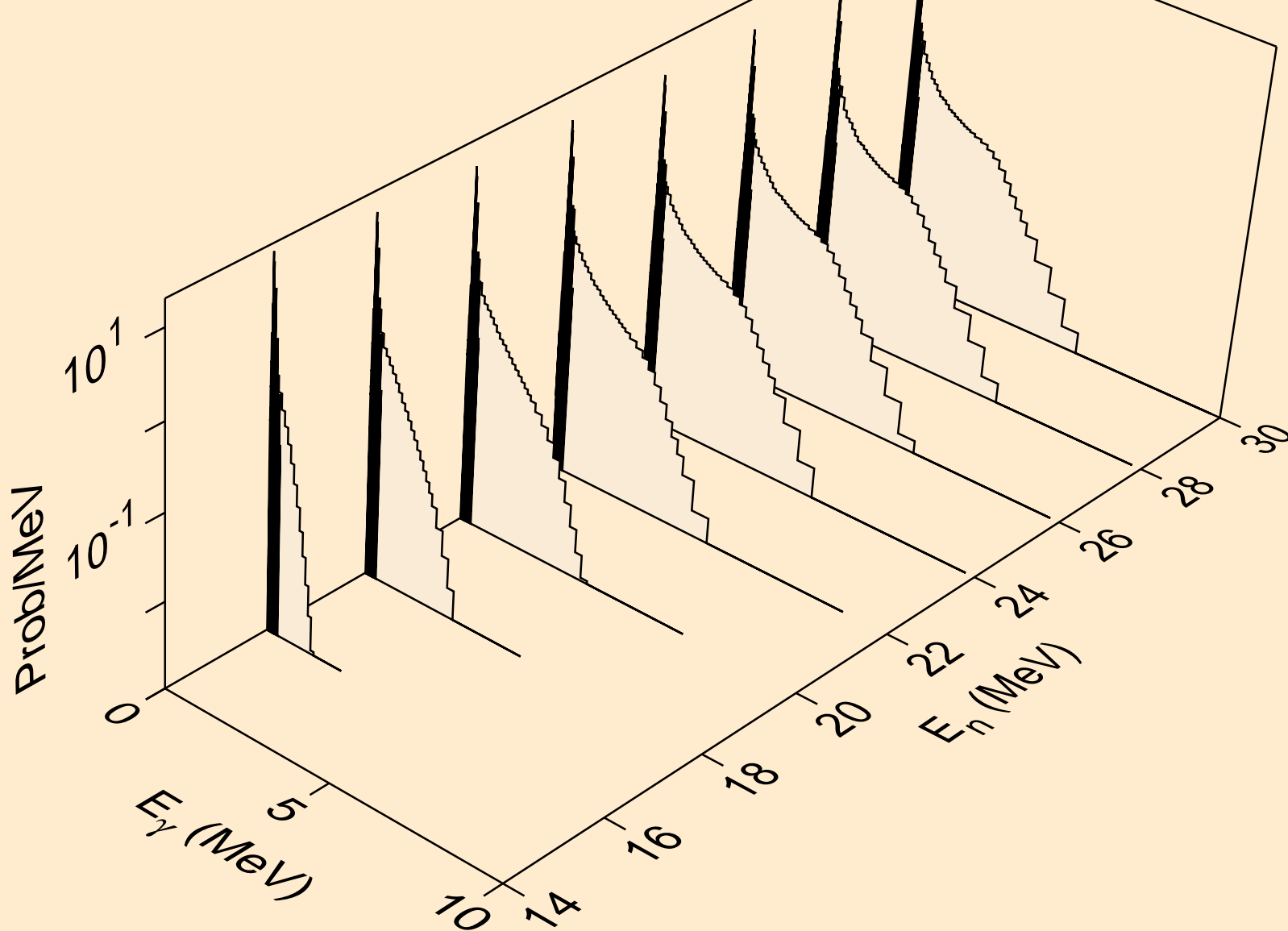


LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

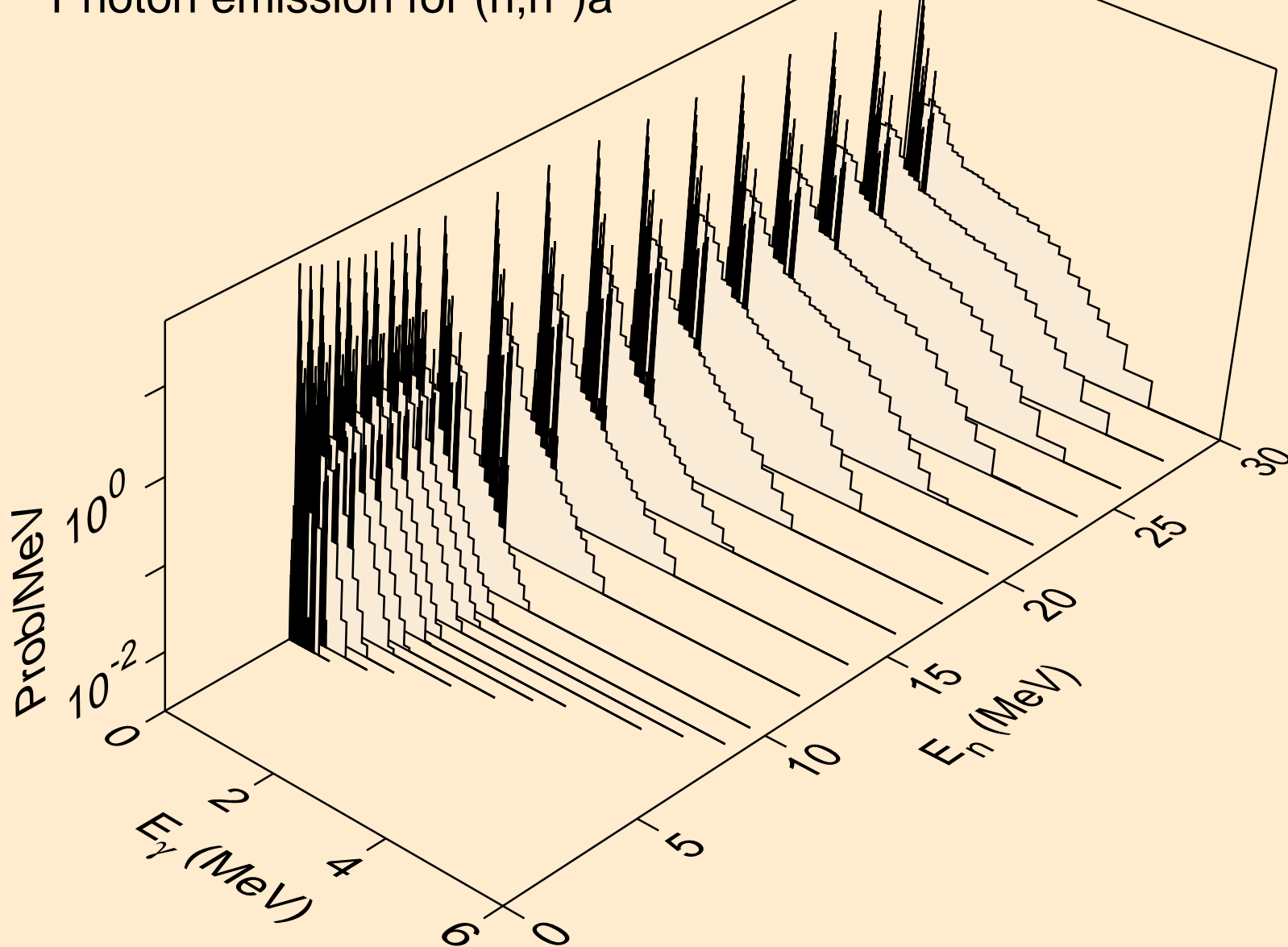




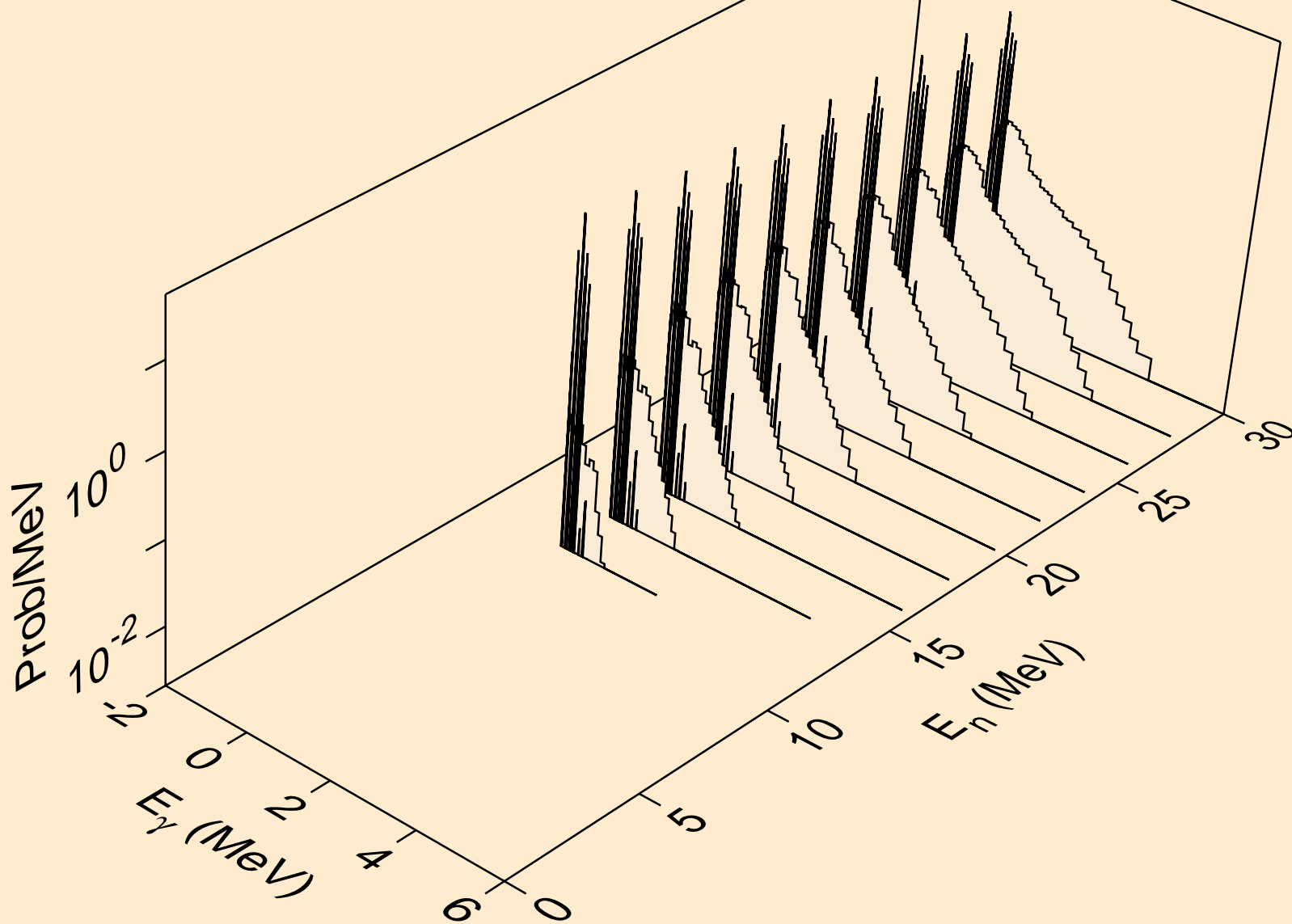
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



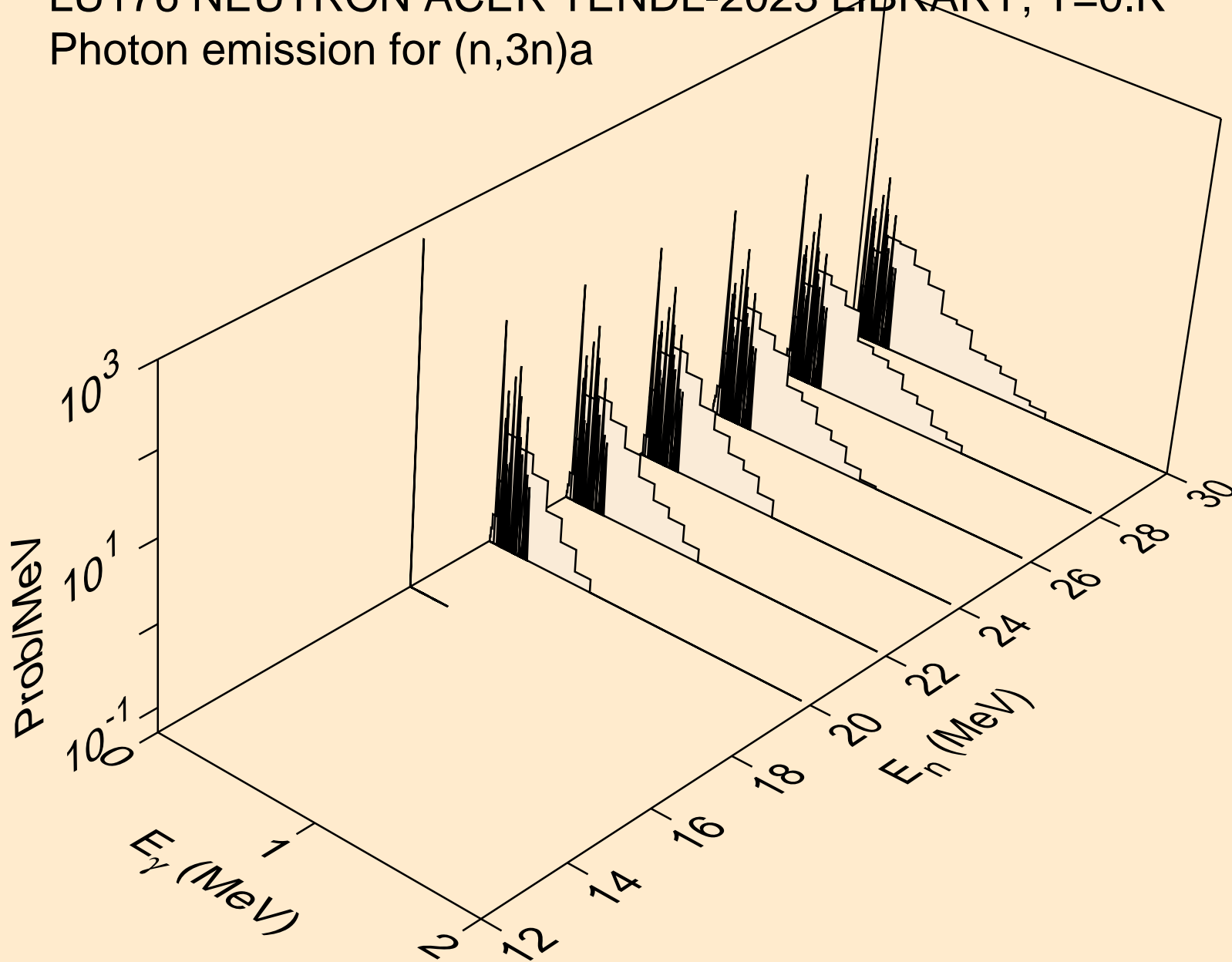
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



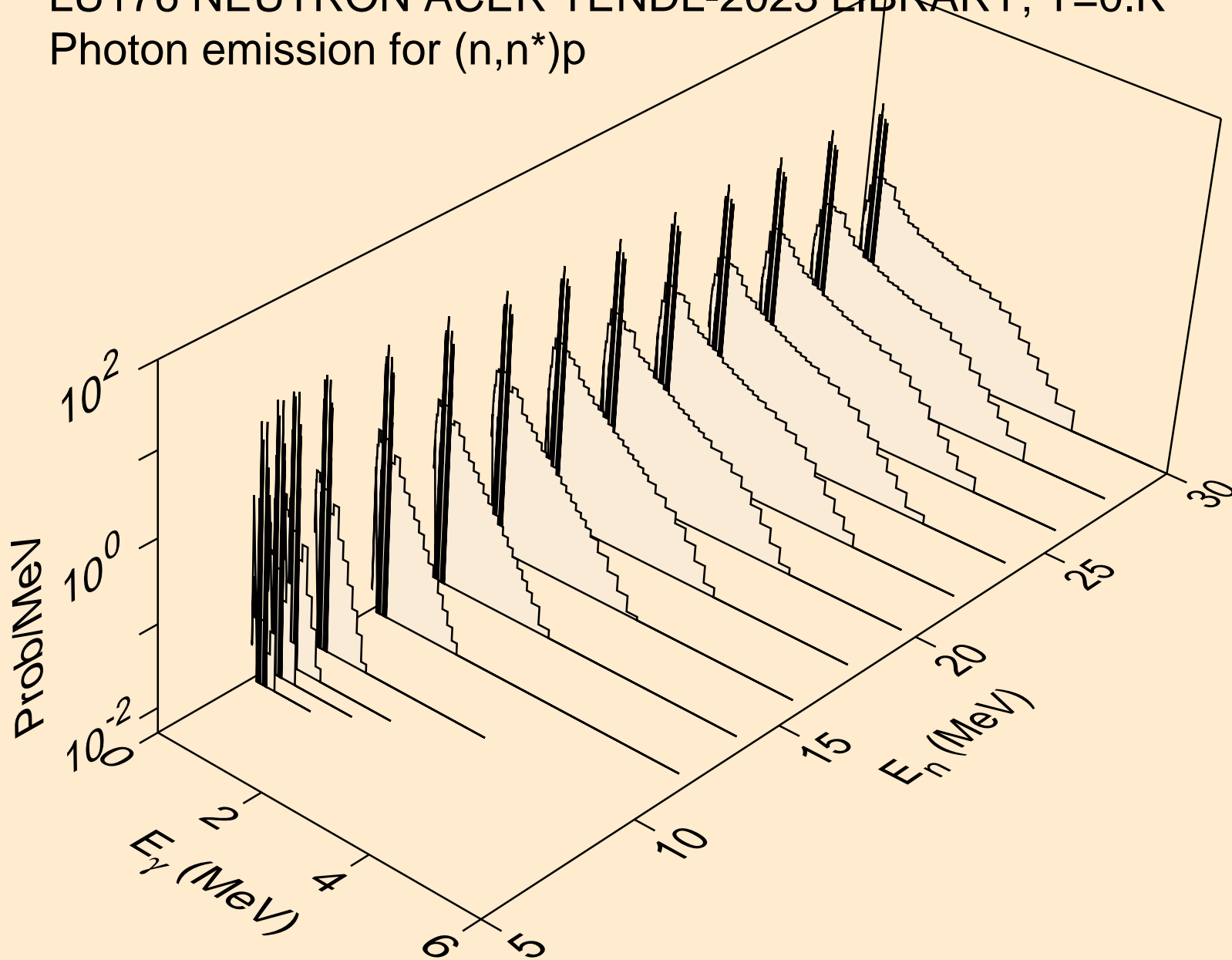
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n) $\alpha$



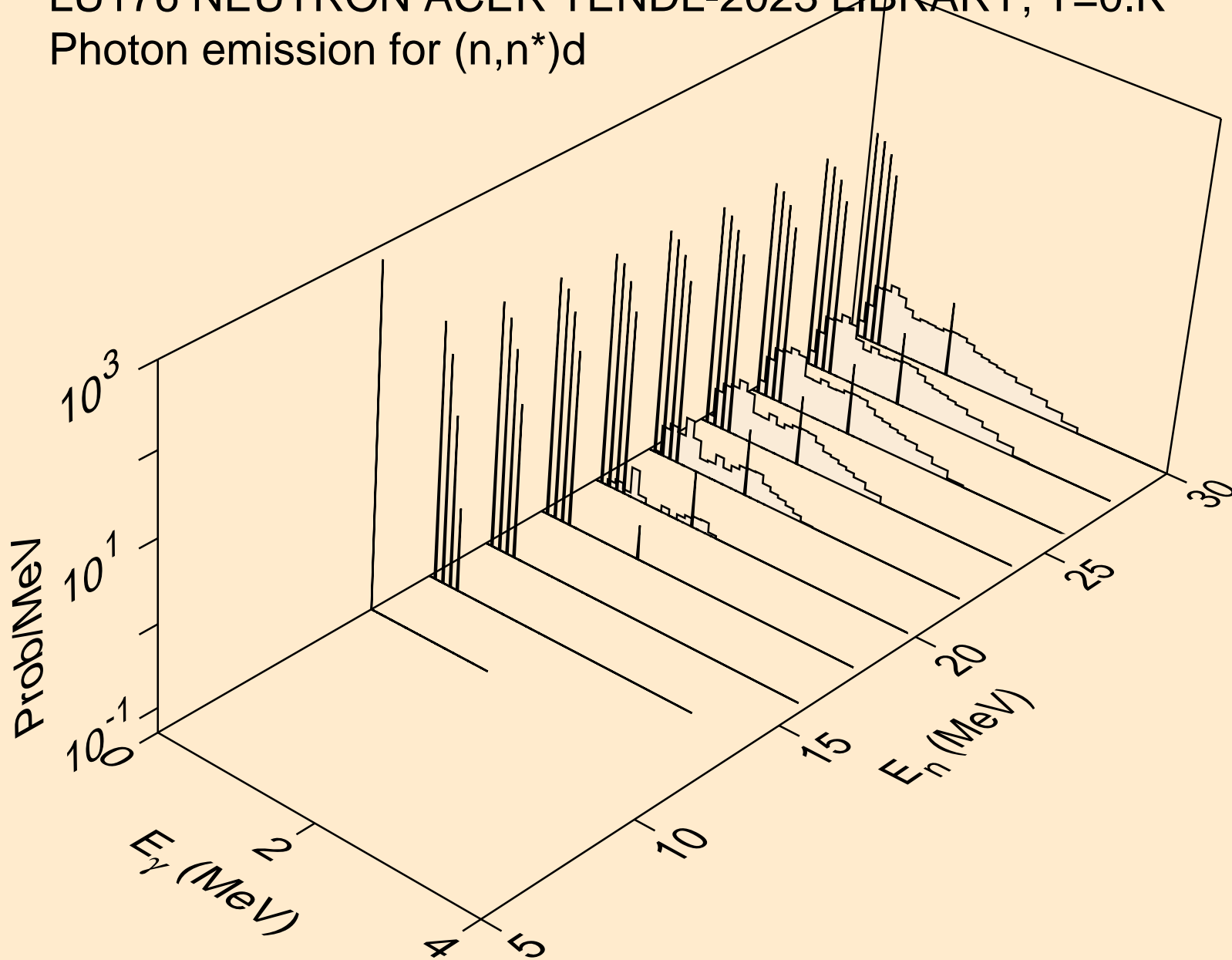
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



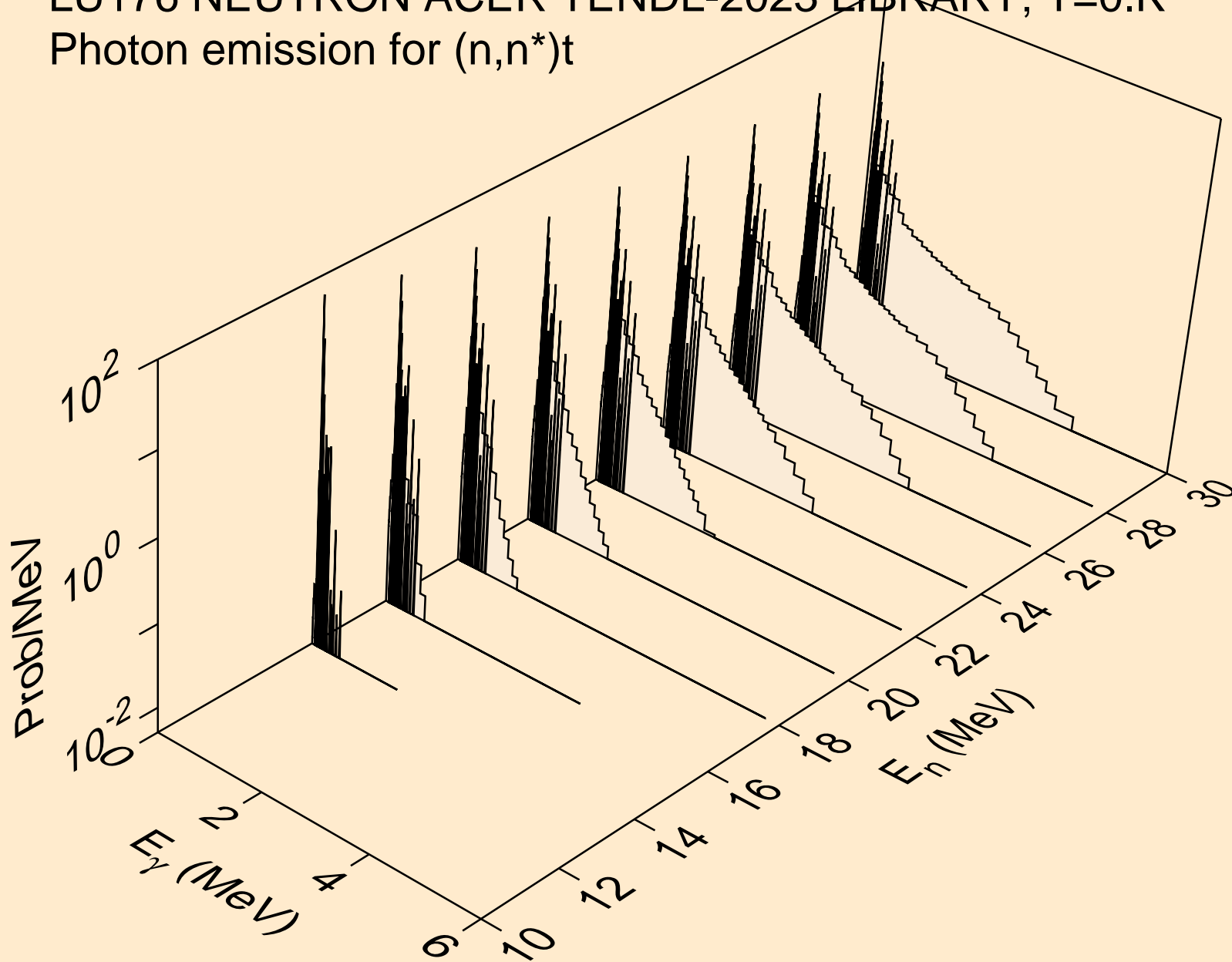
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



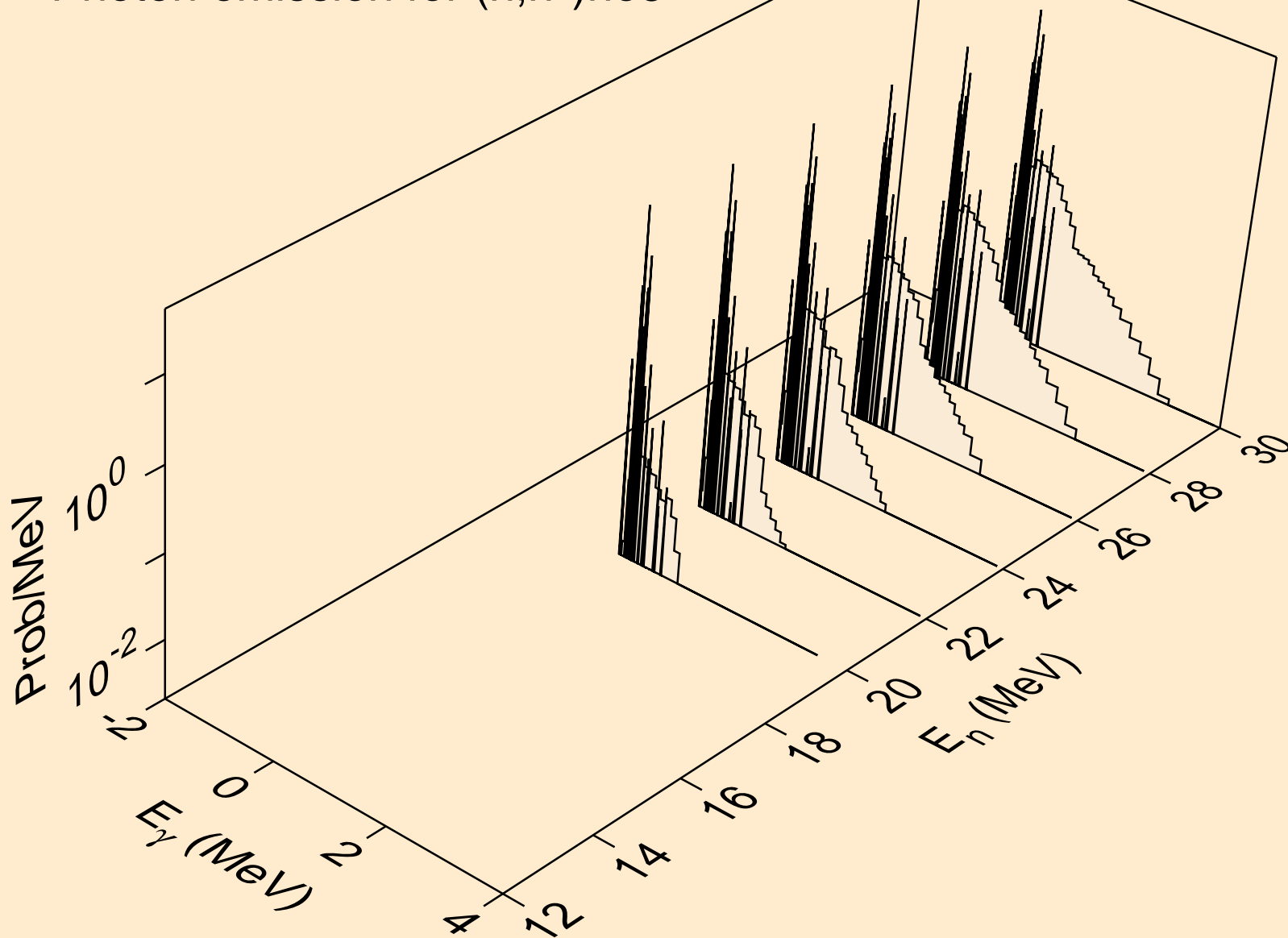
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

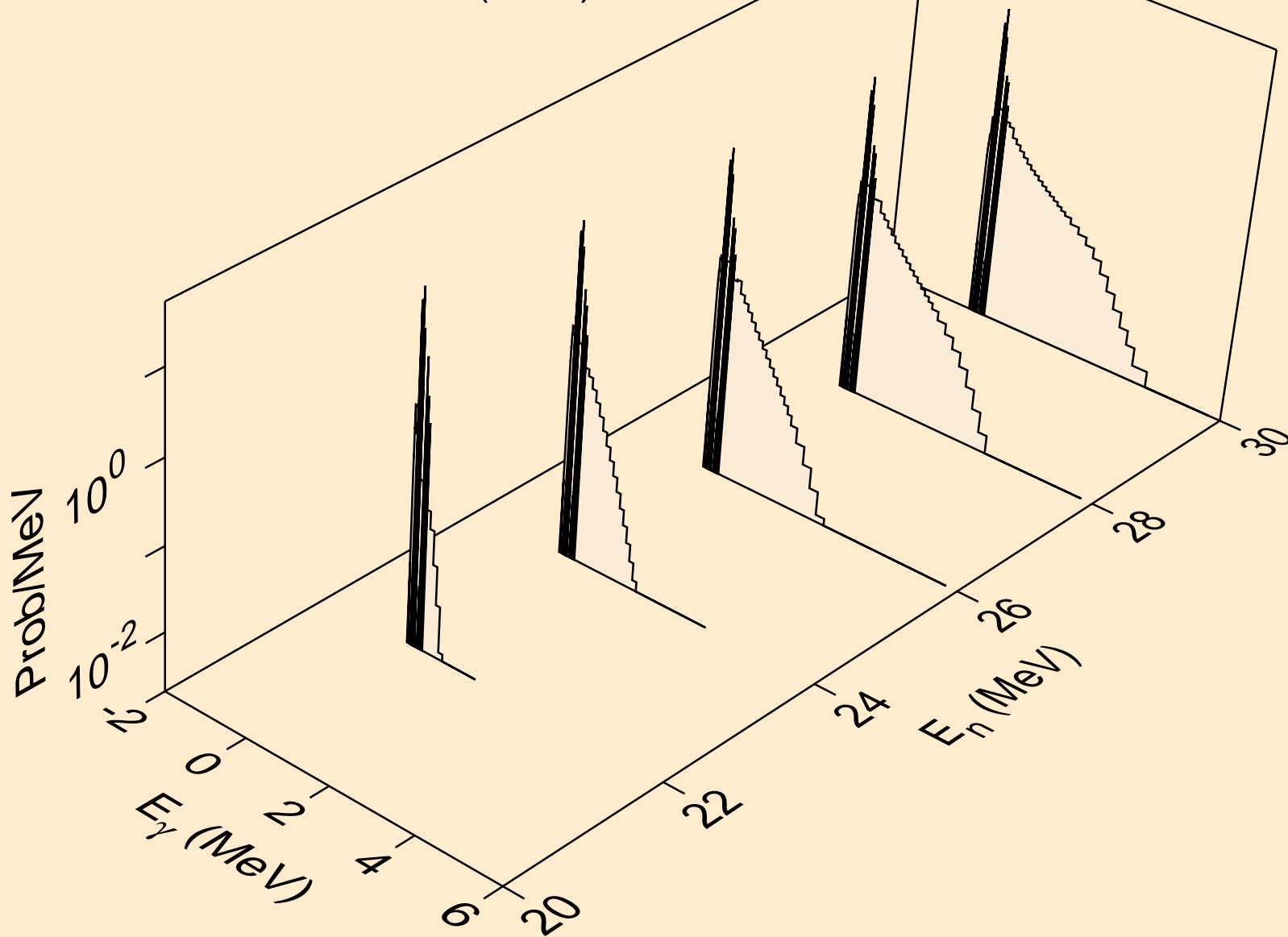


LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

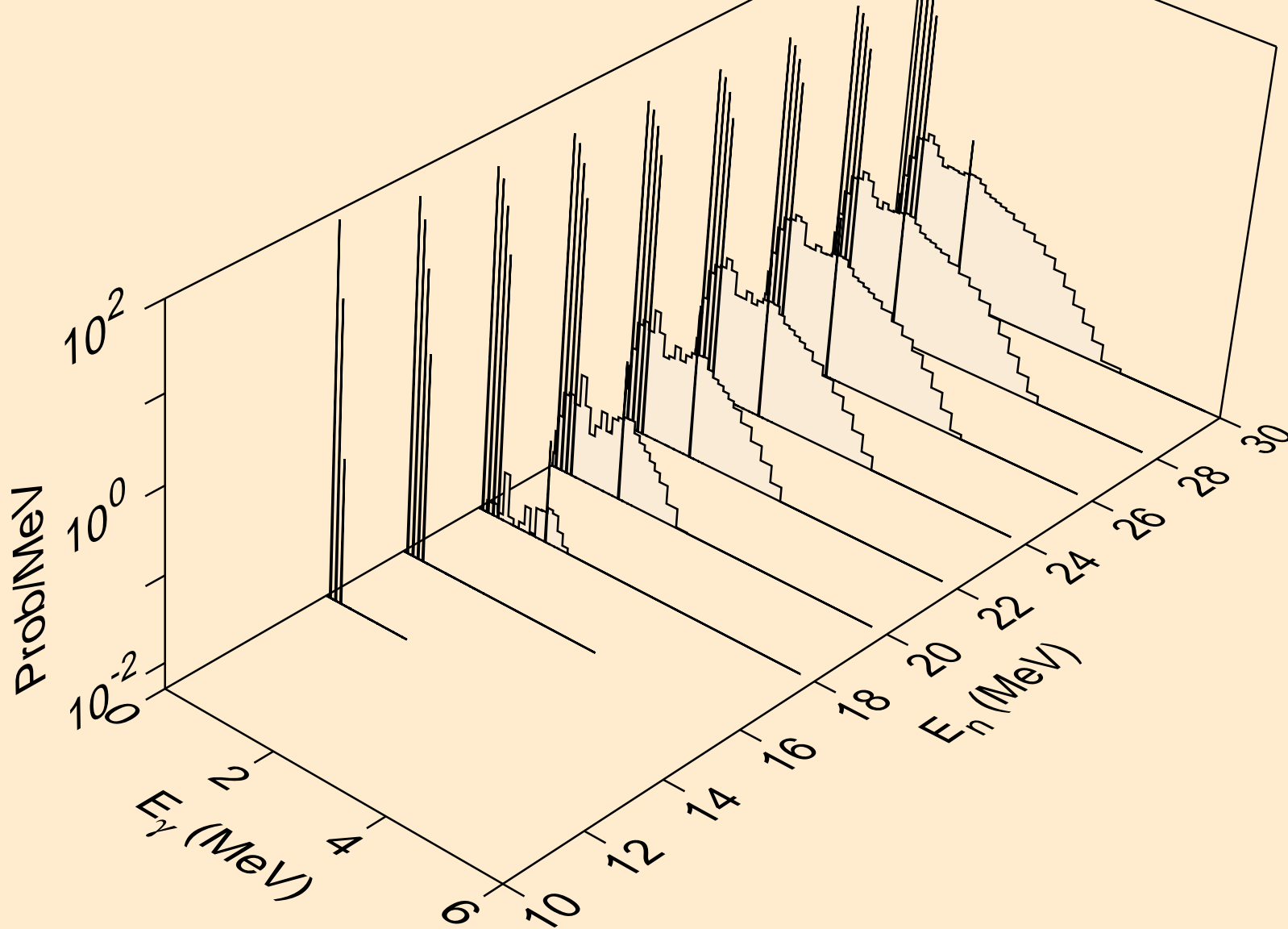




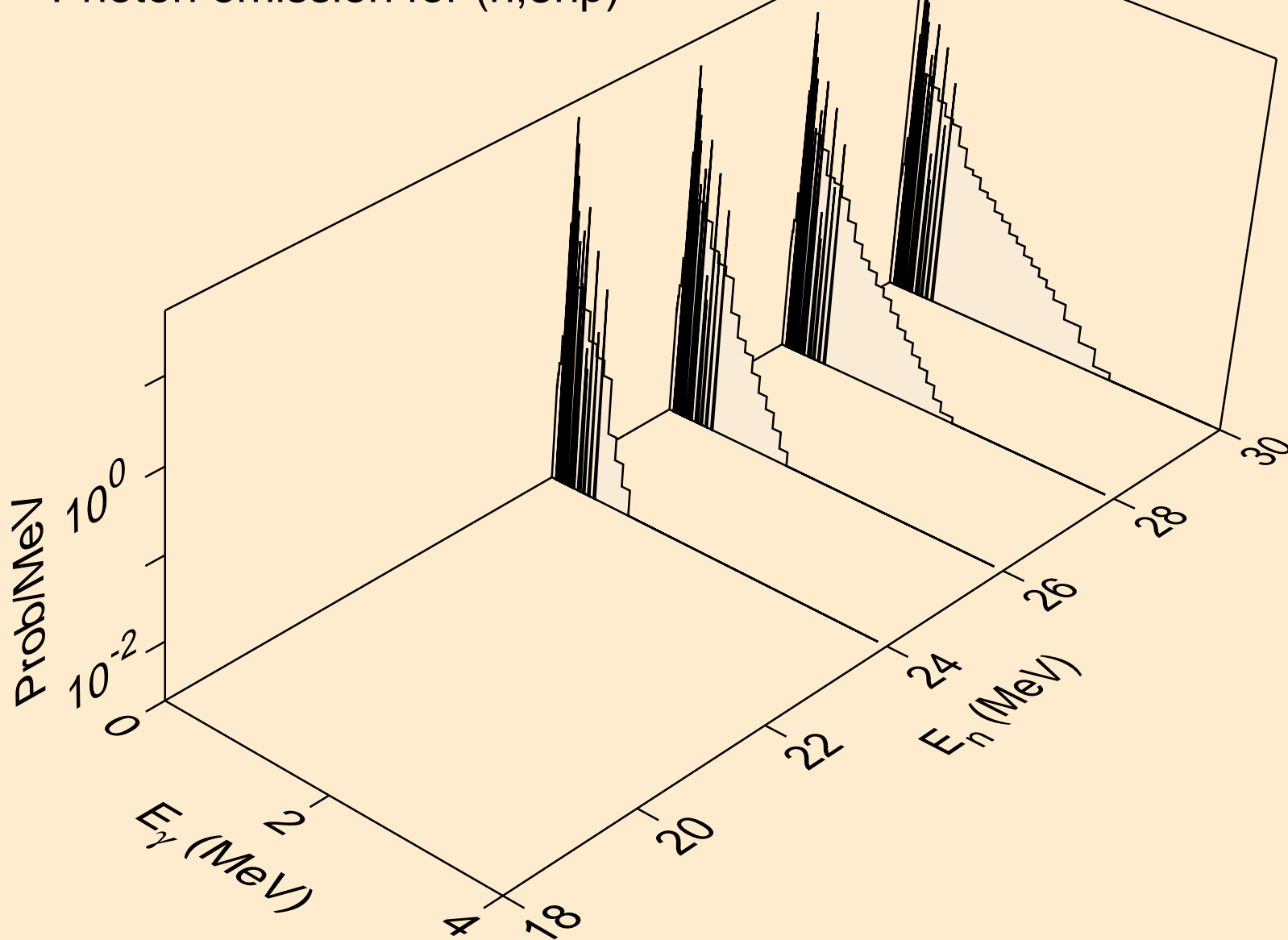
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



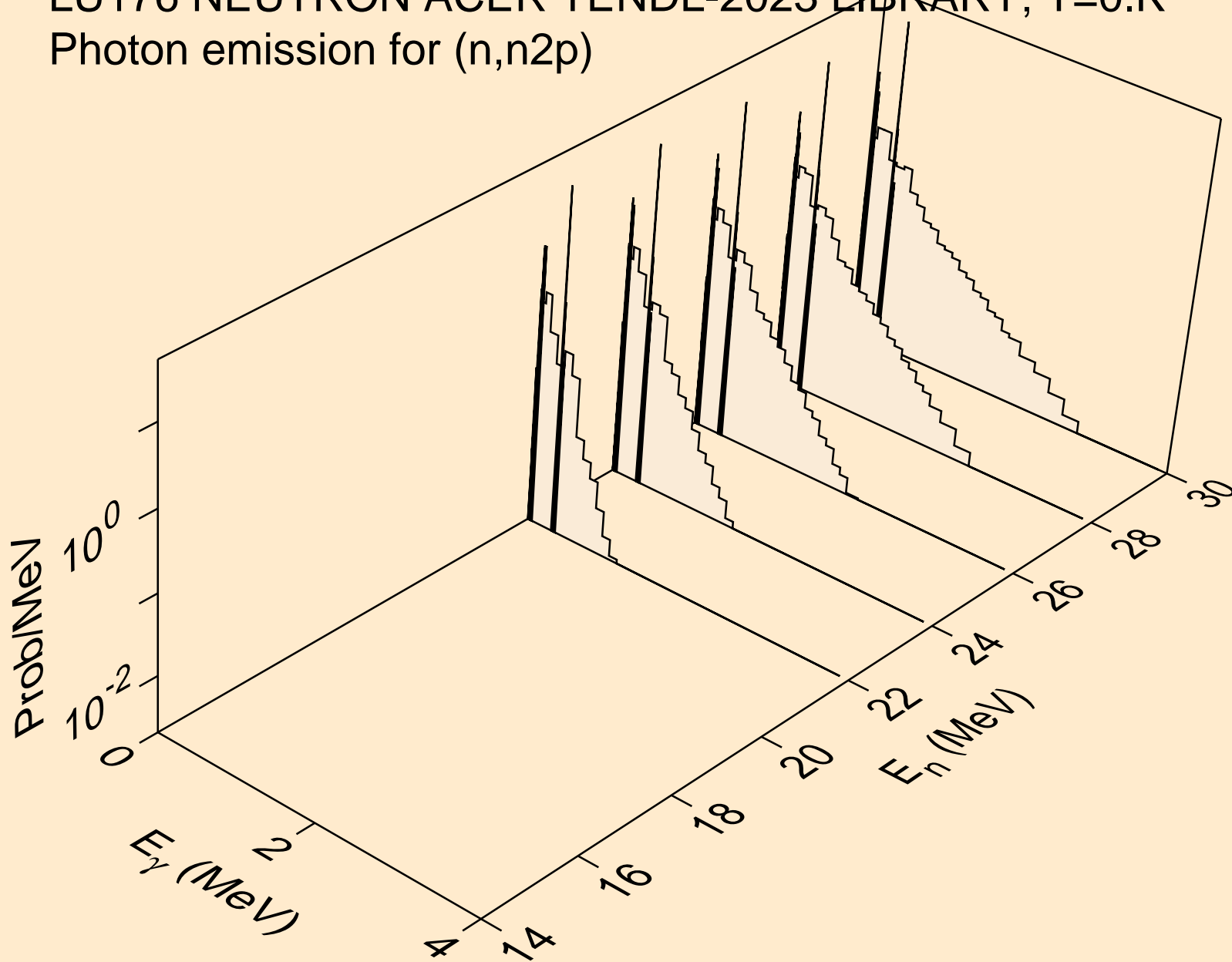
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



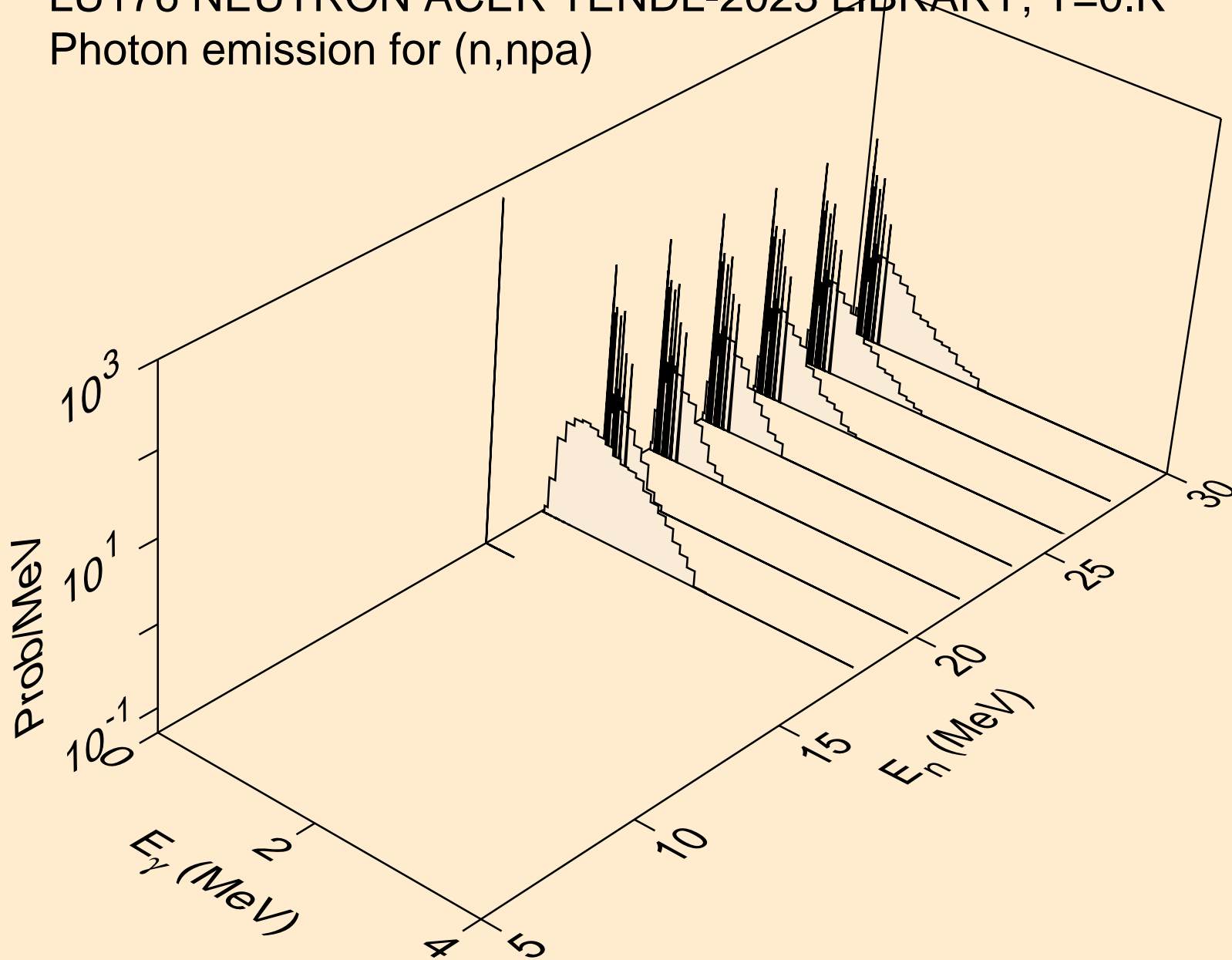
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



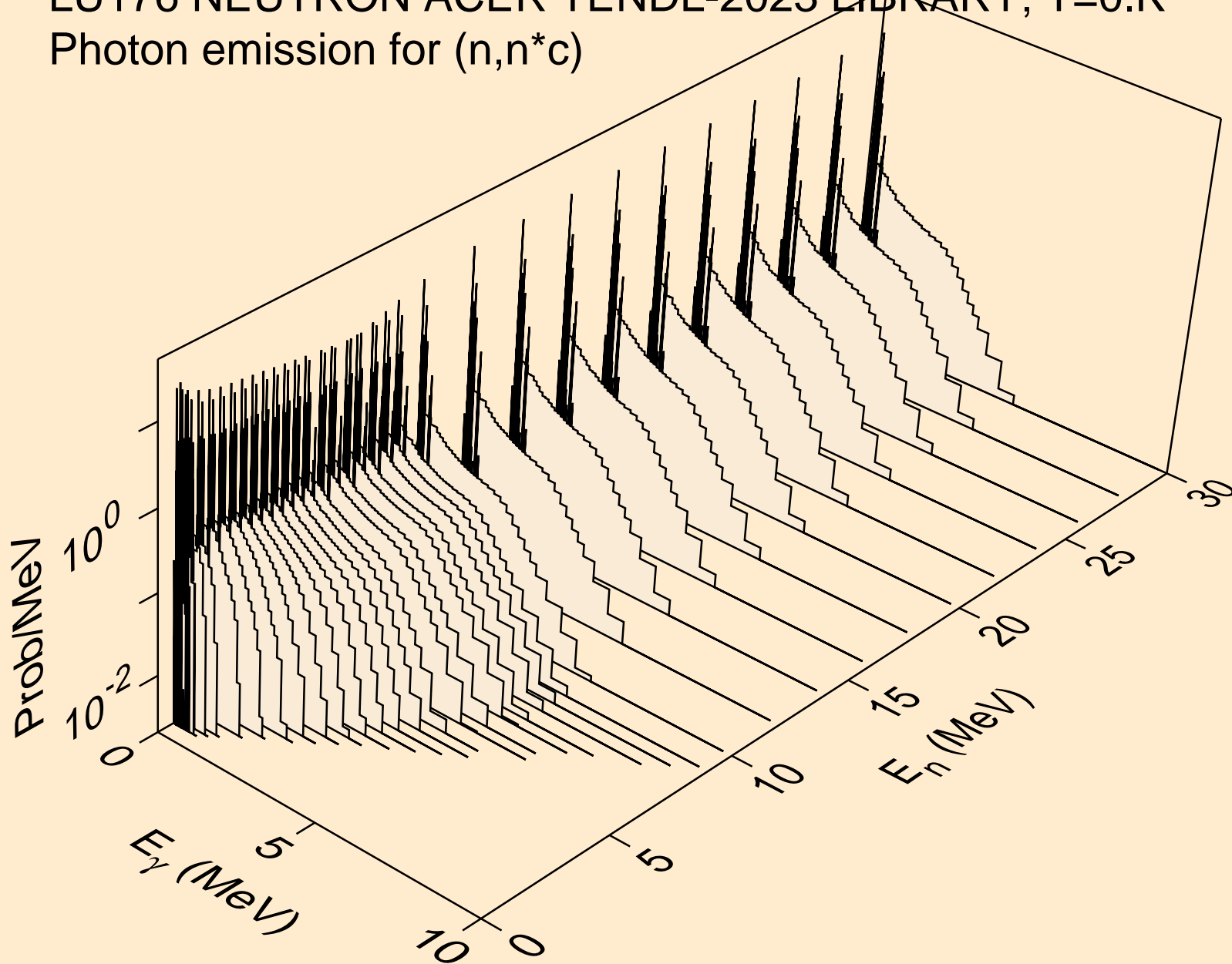
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



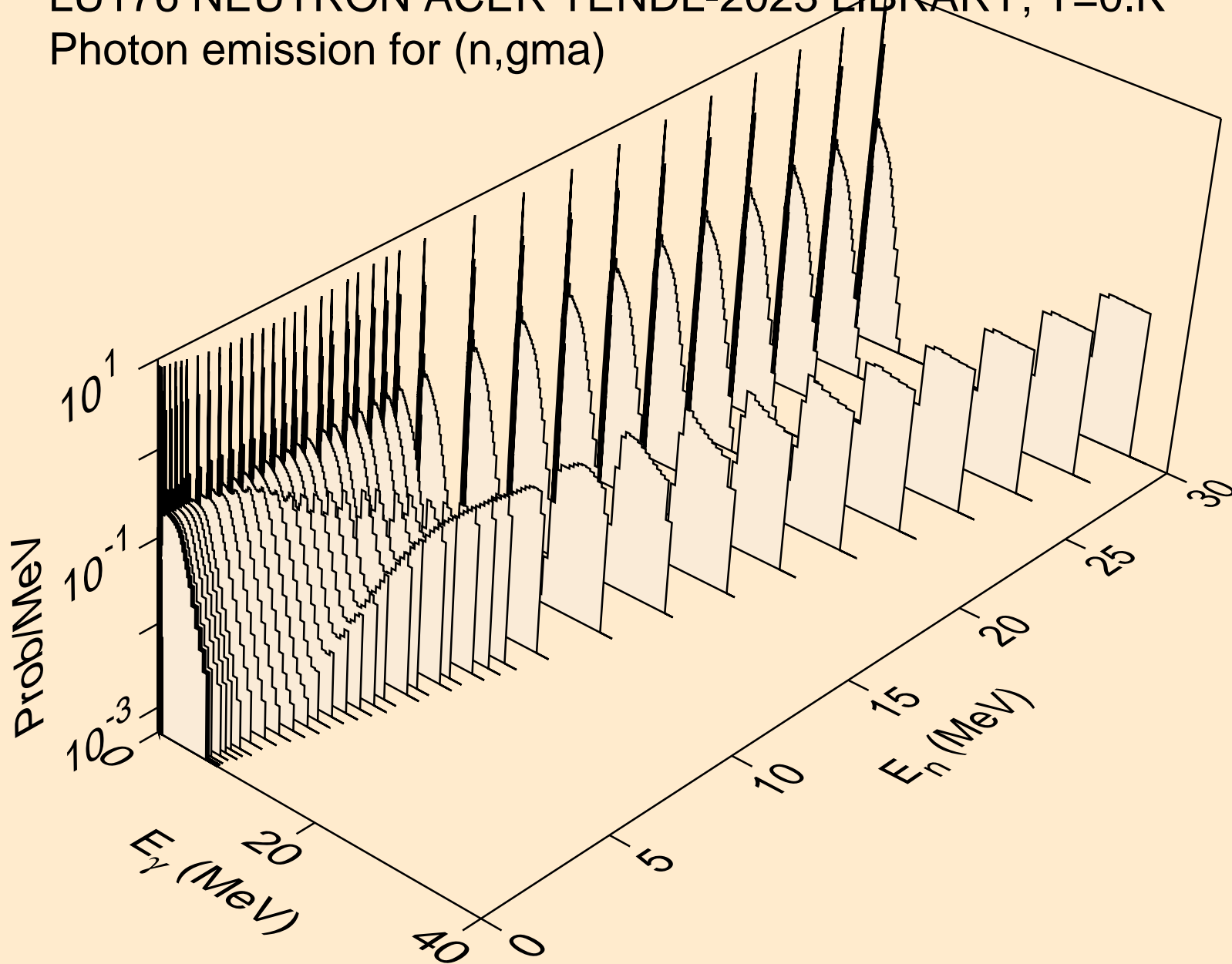
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



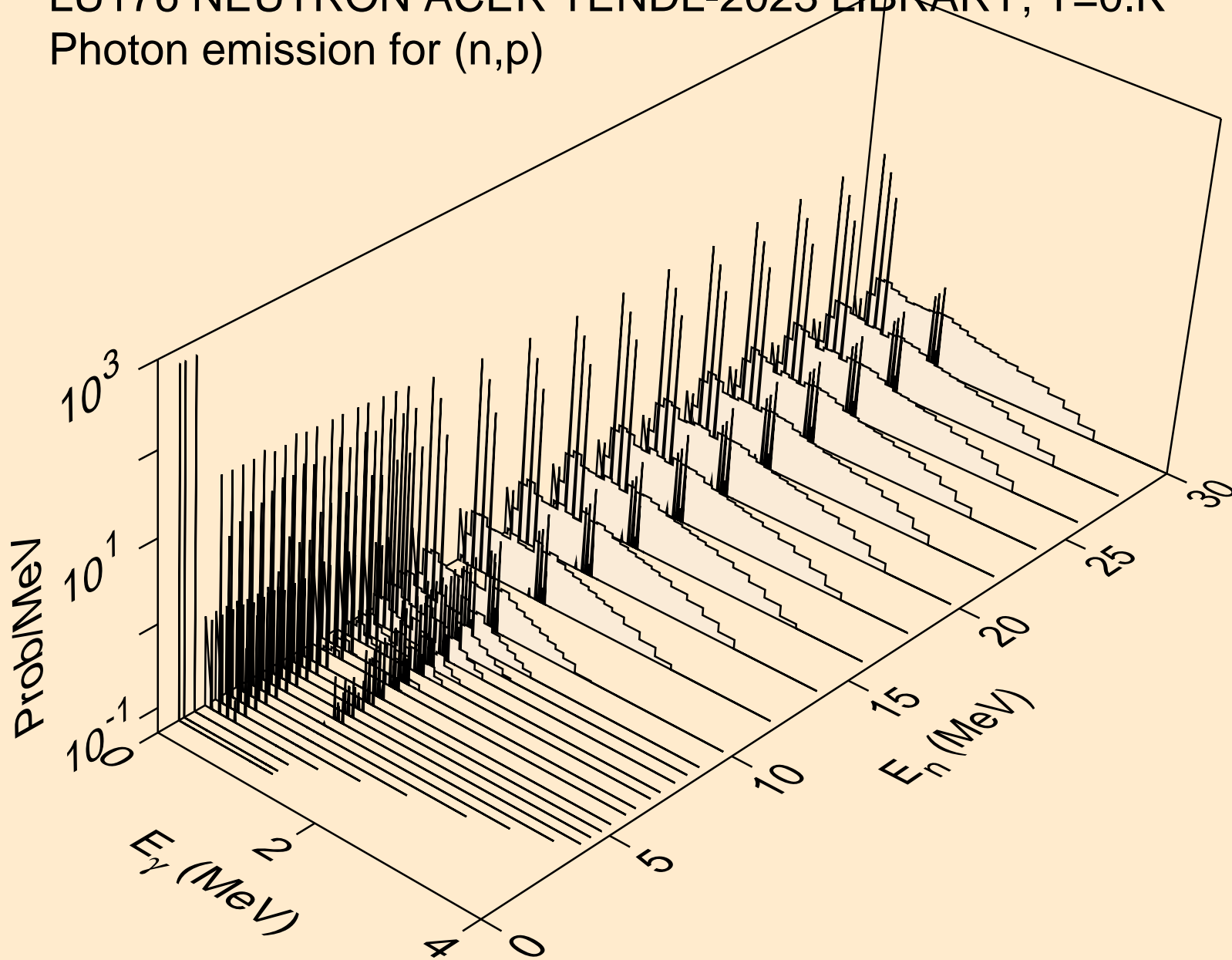
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)

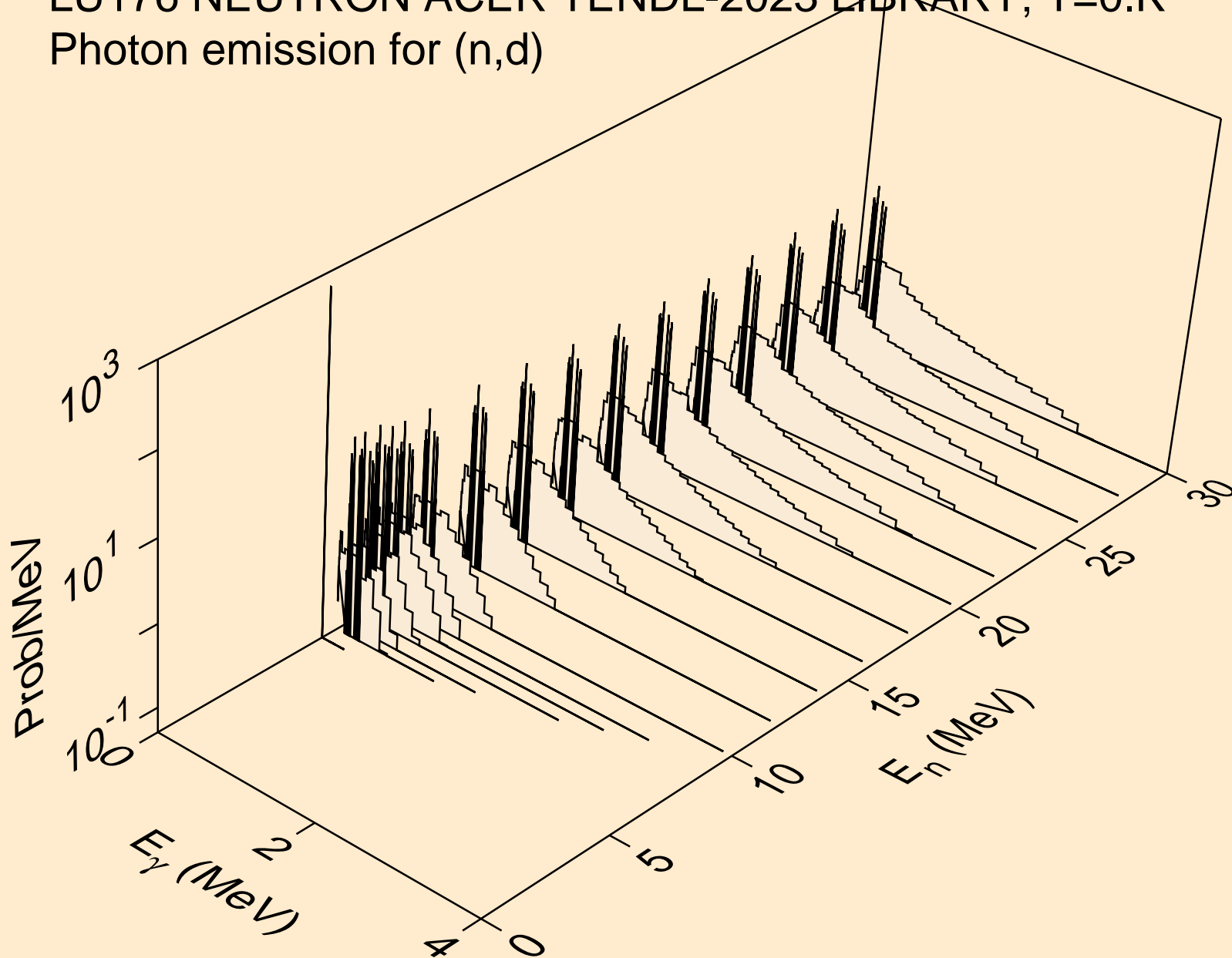


LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)

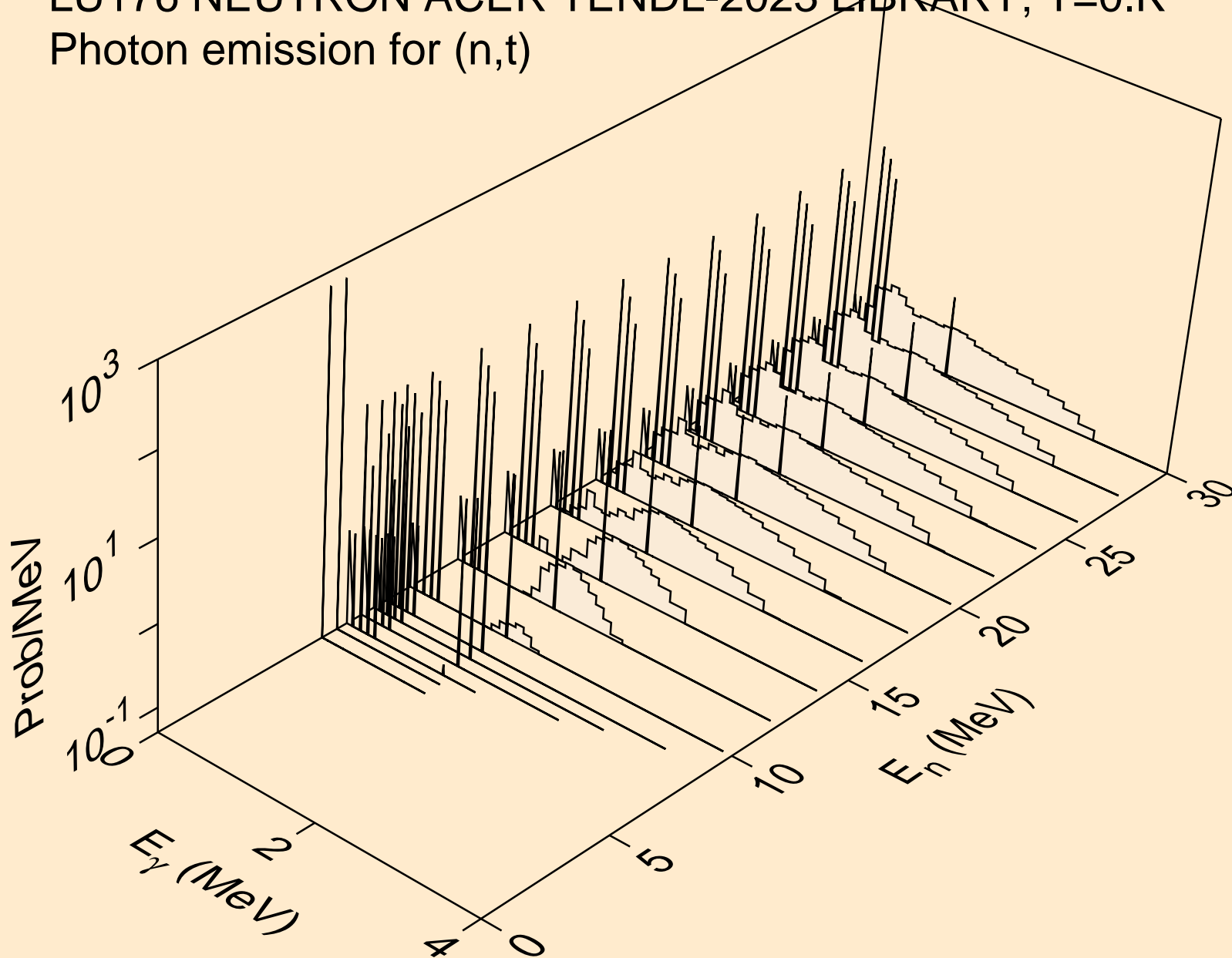




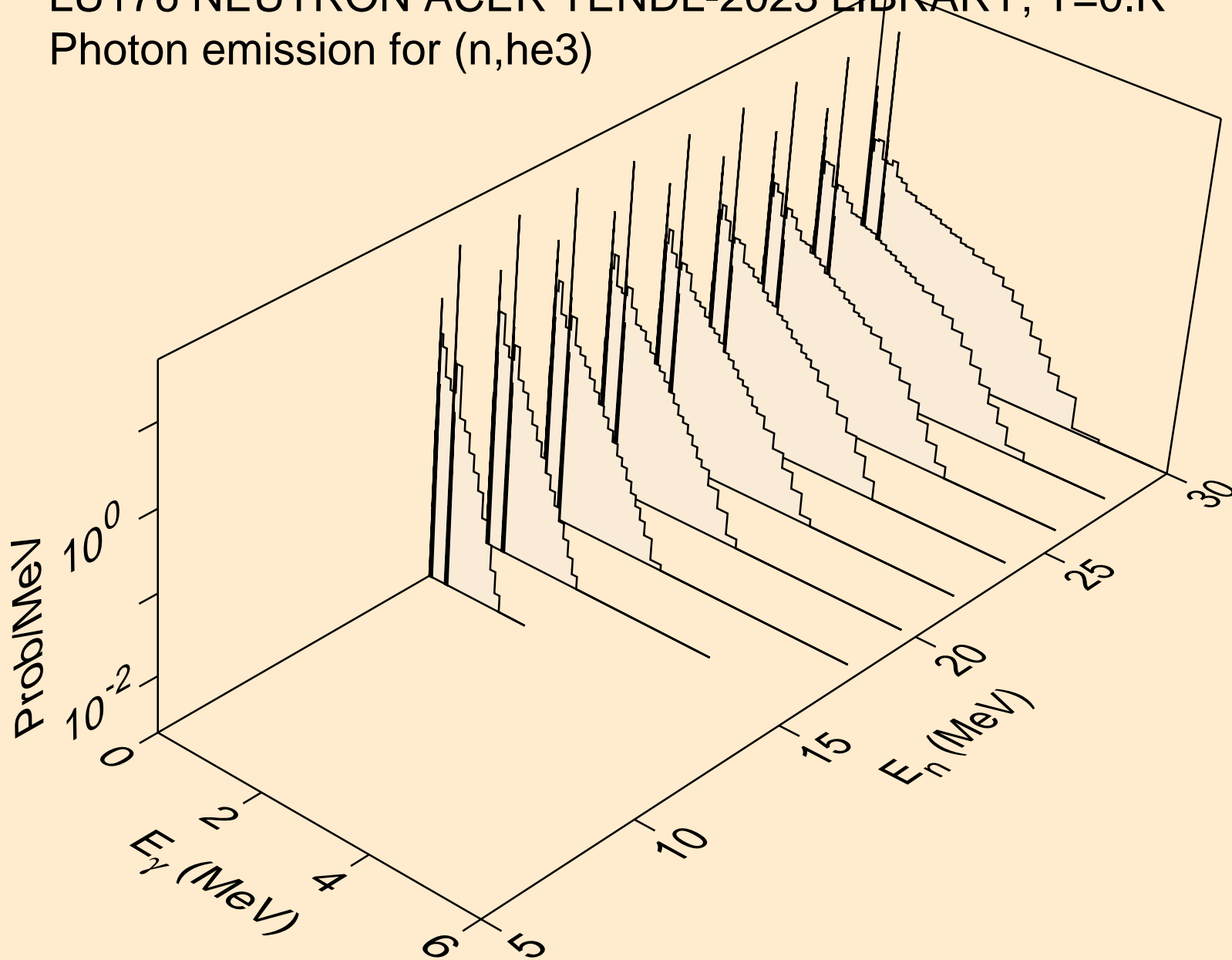
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



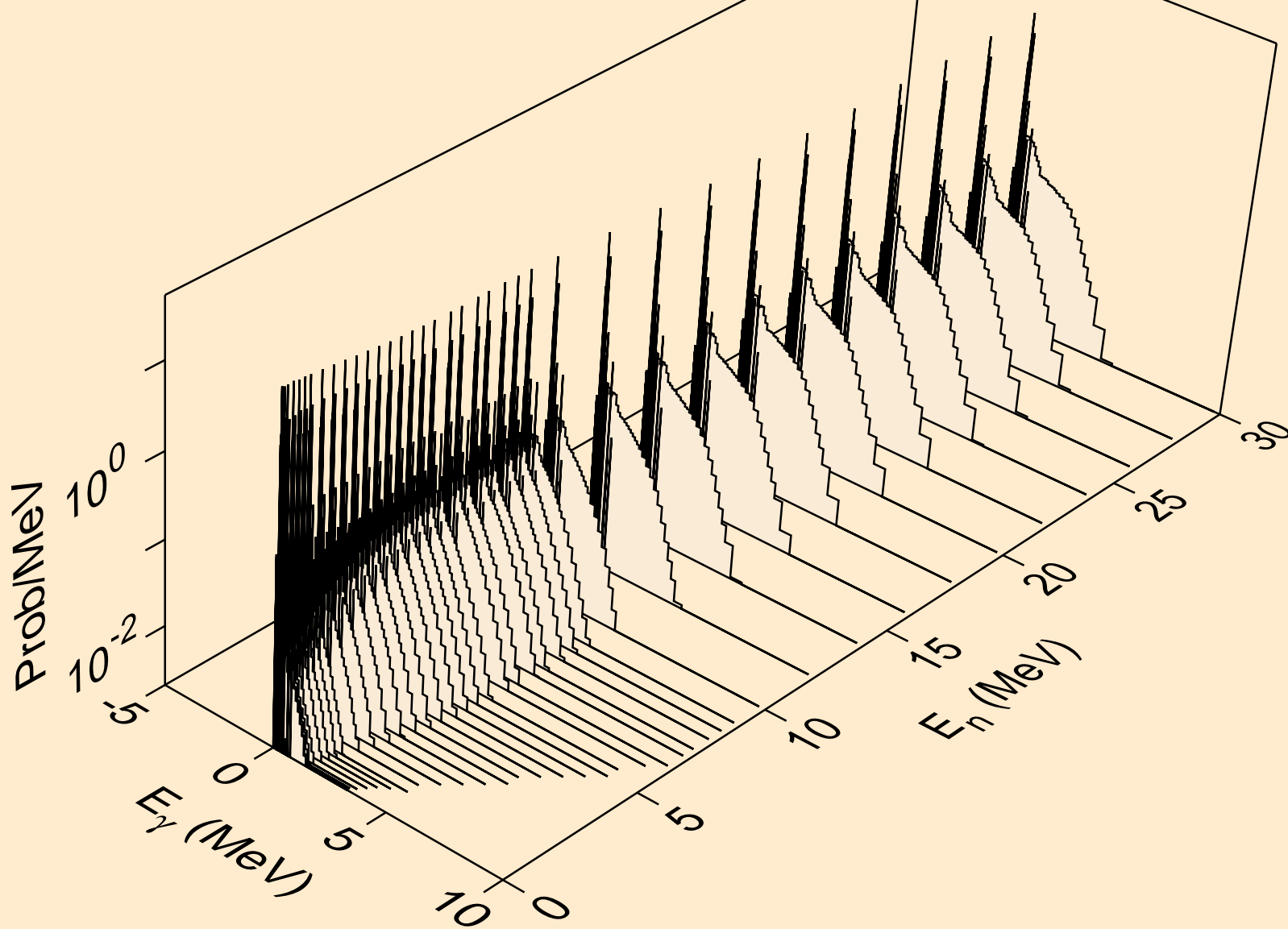
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



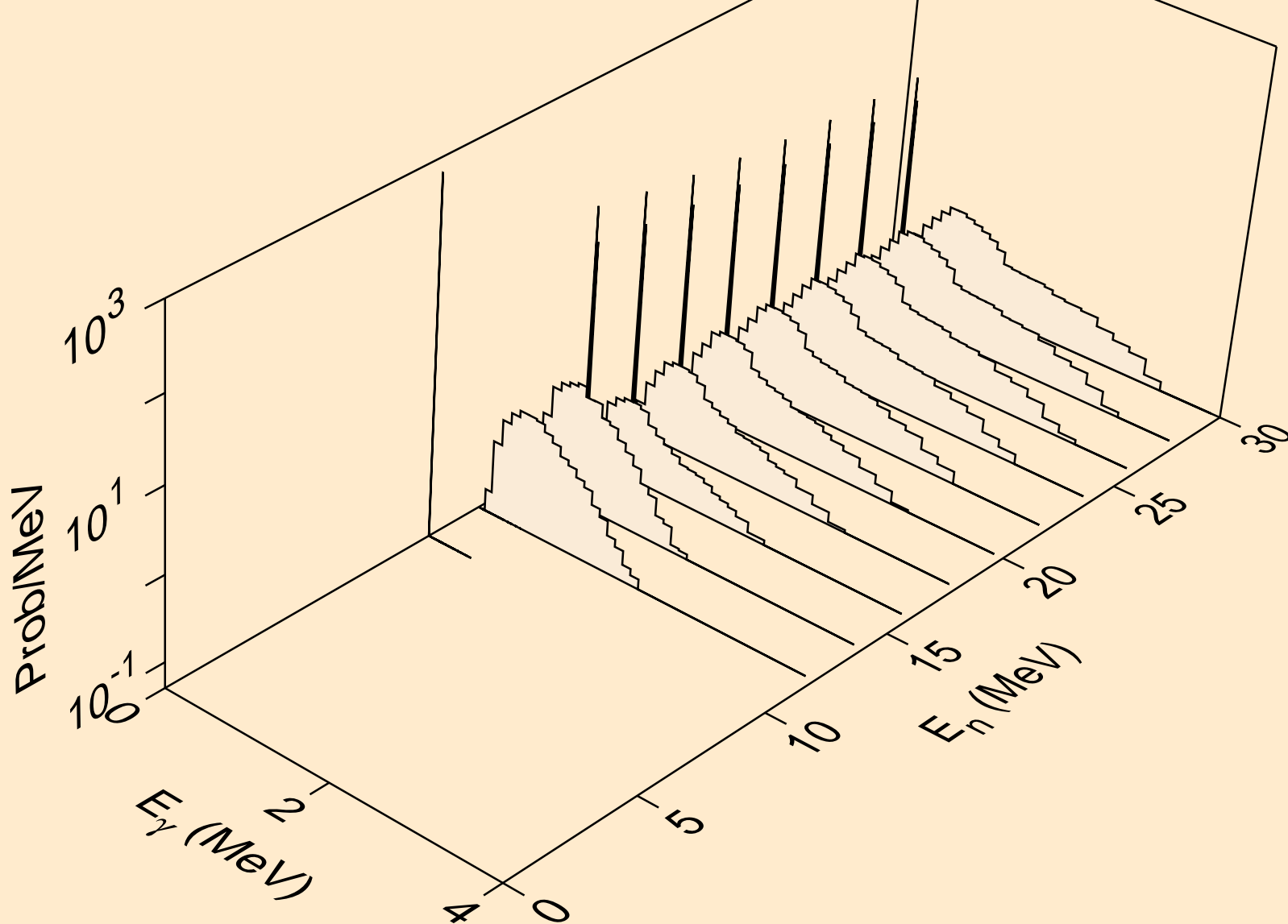
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



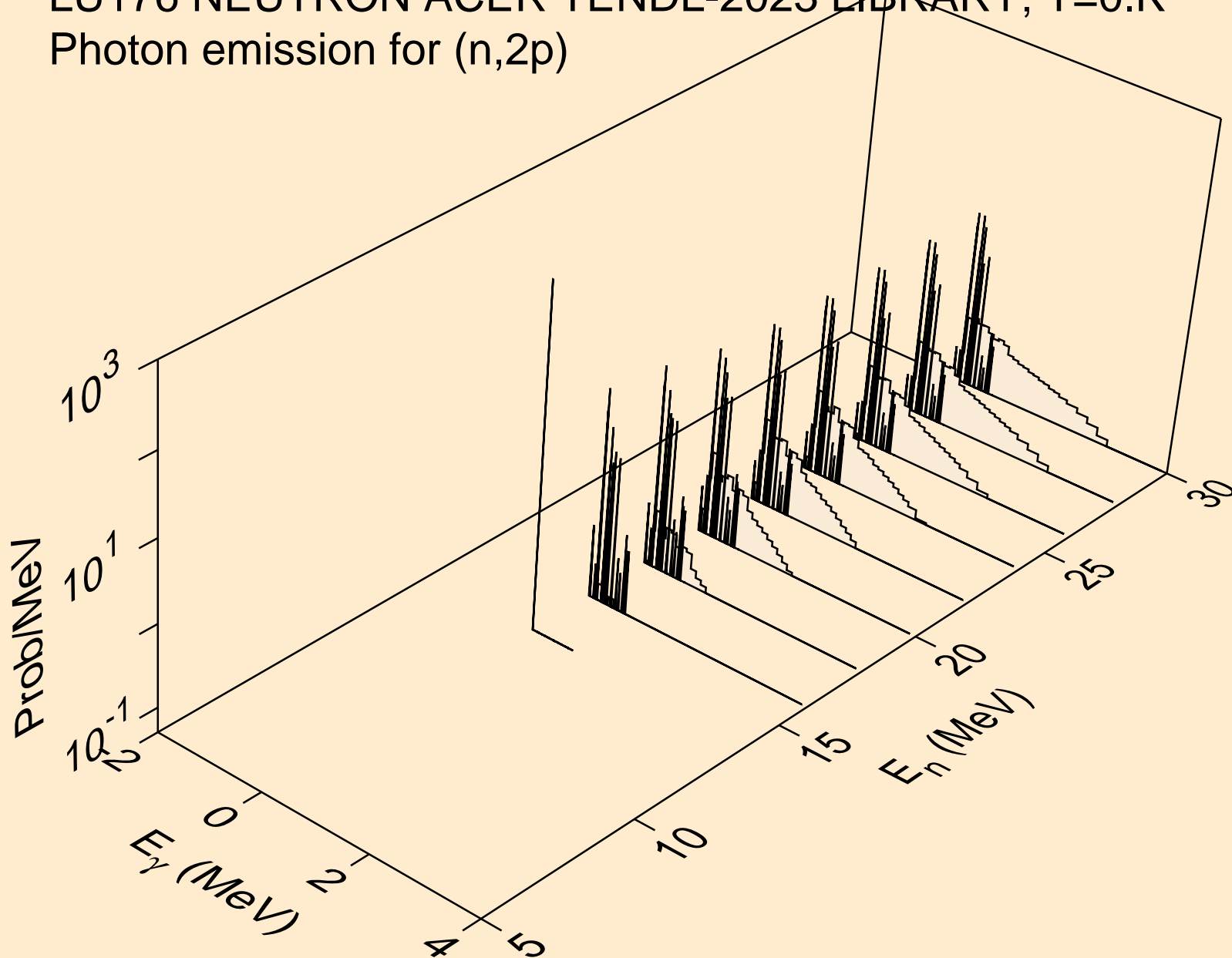
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



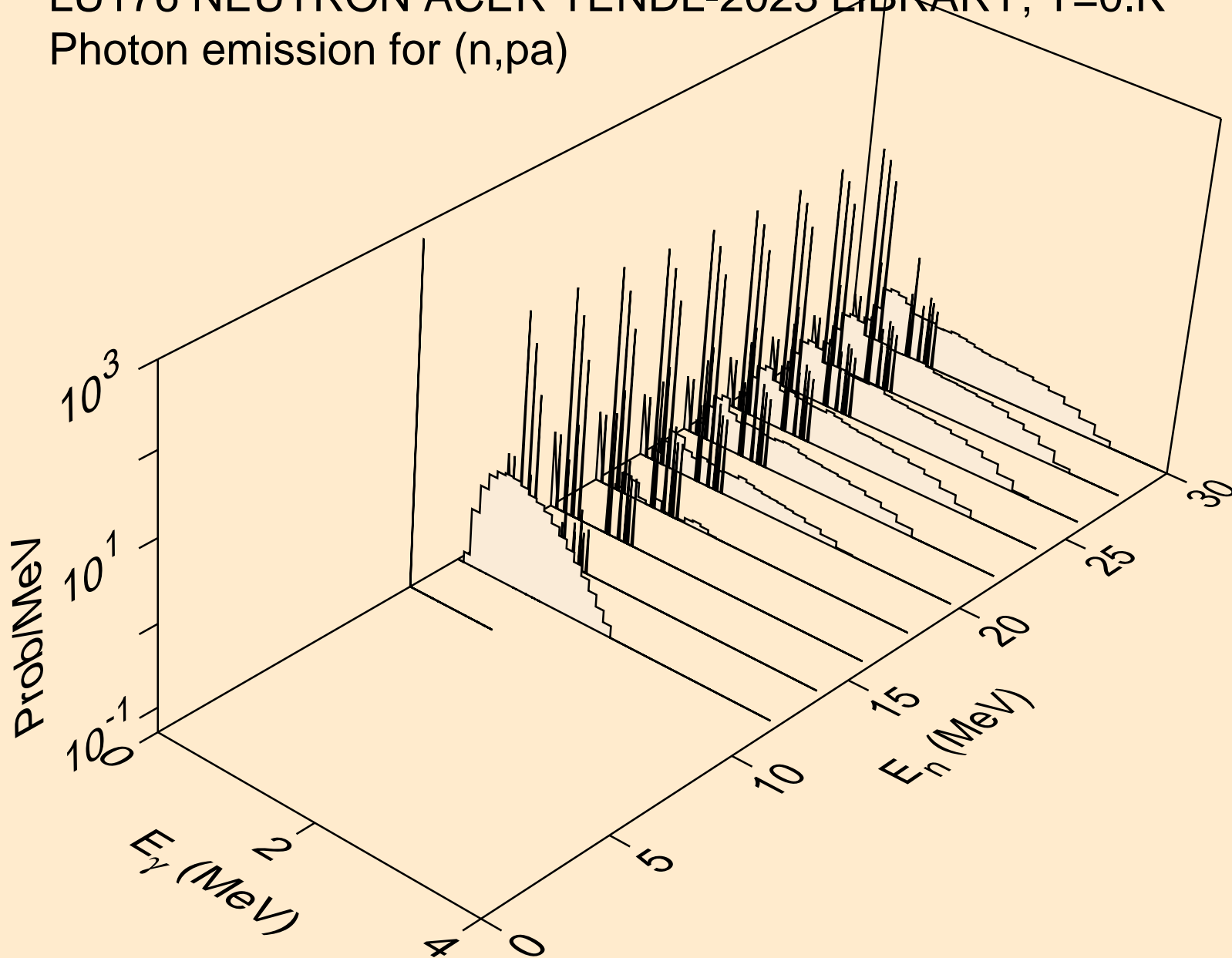
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



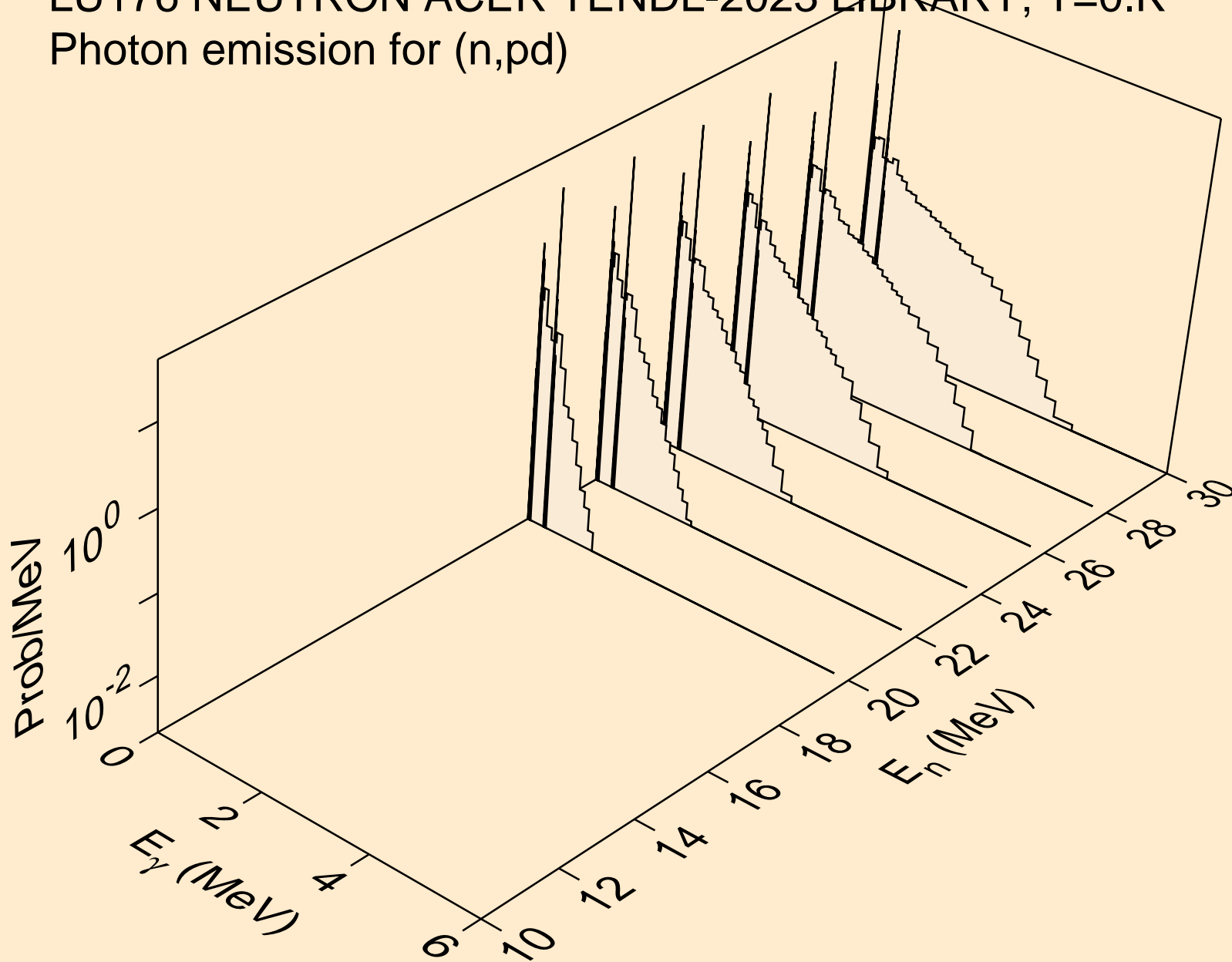
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )

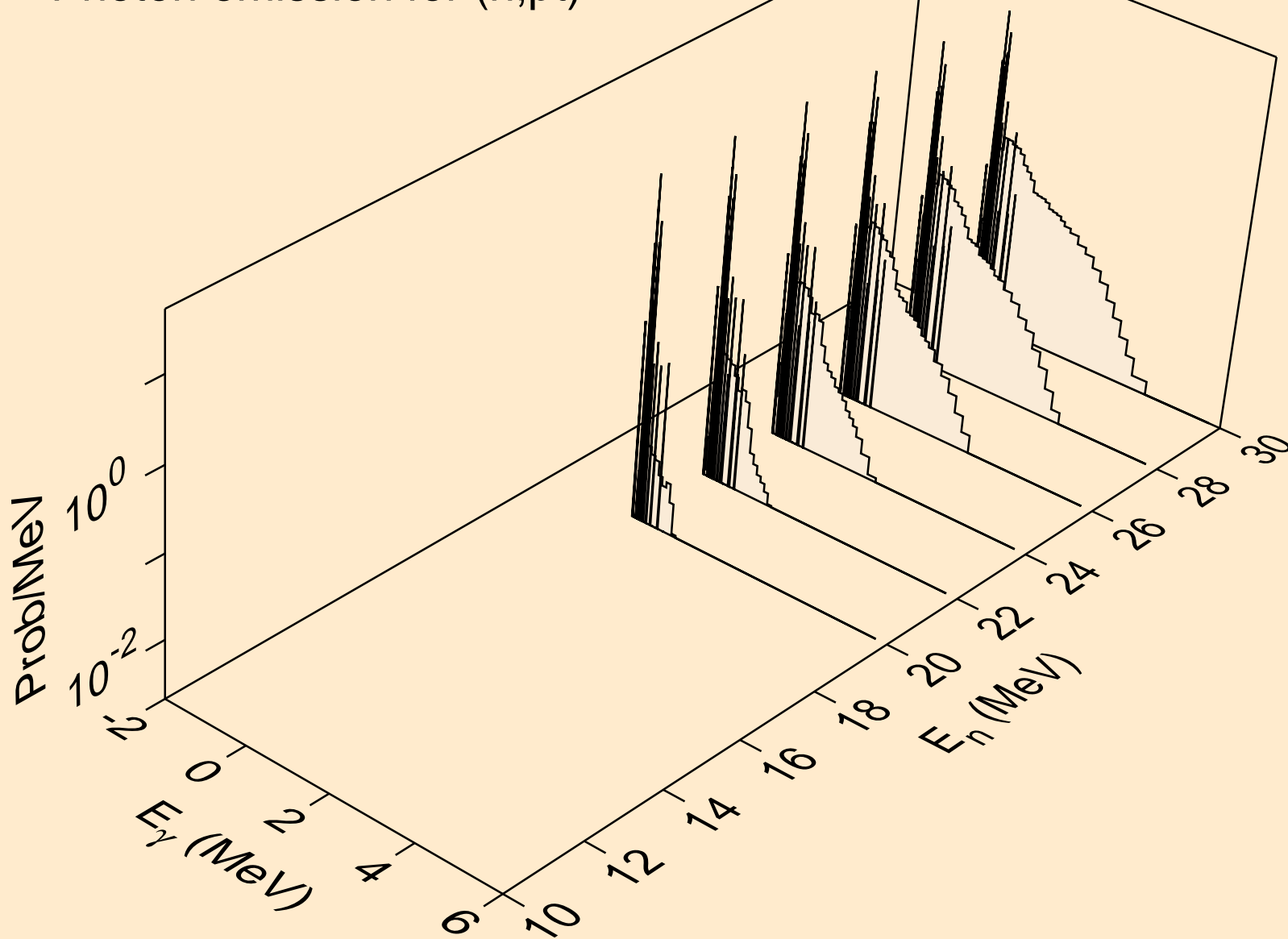


LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)

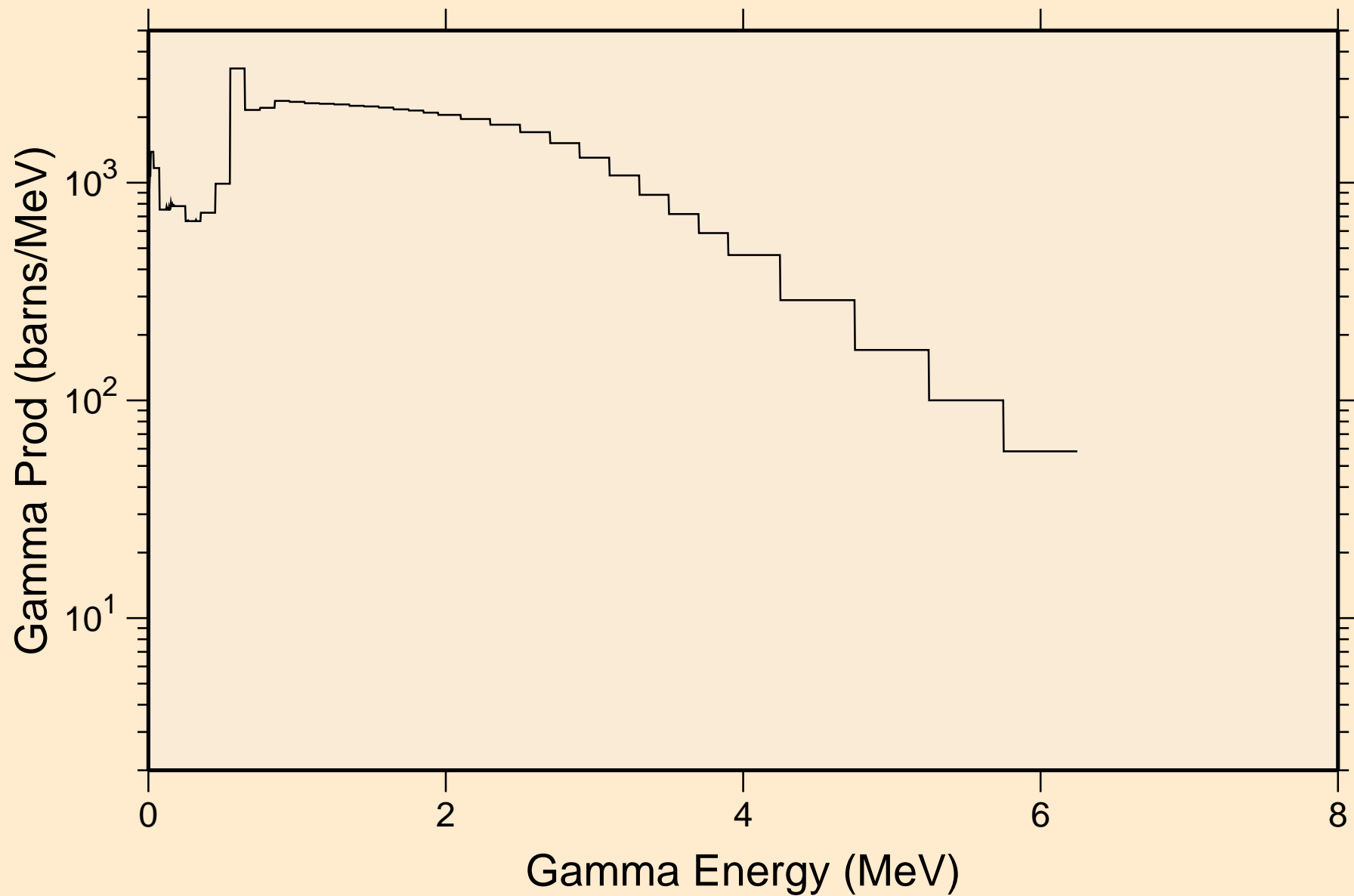




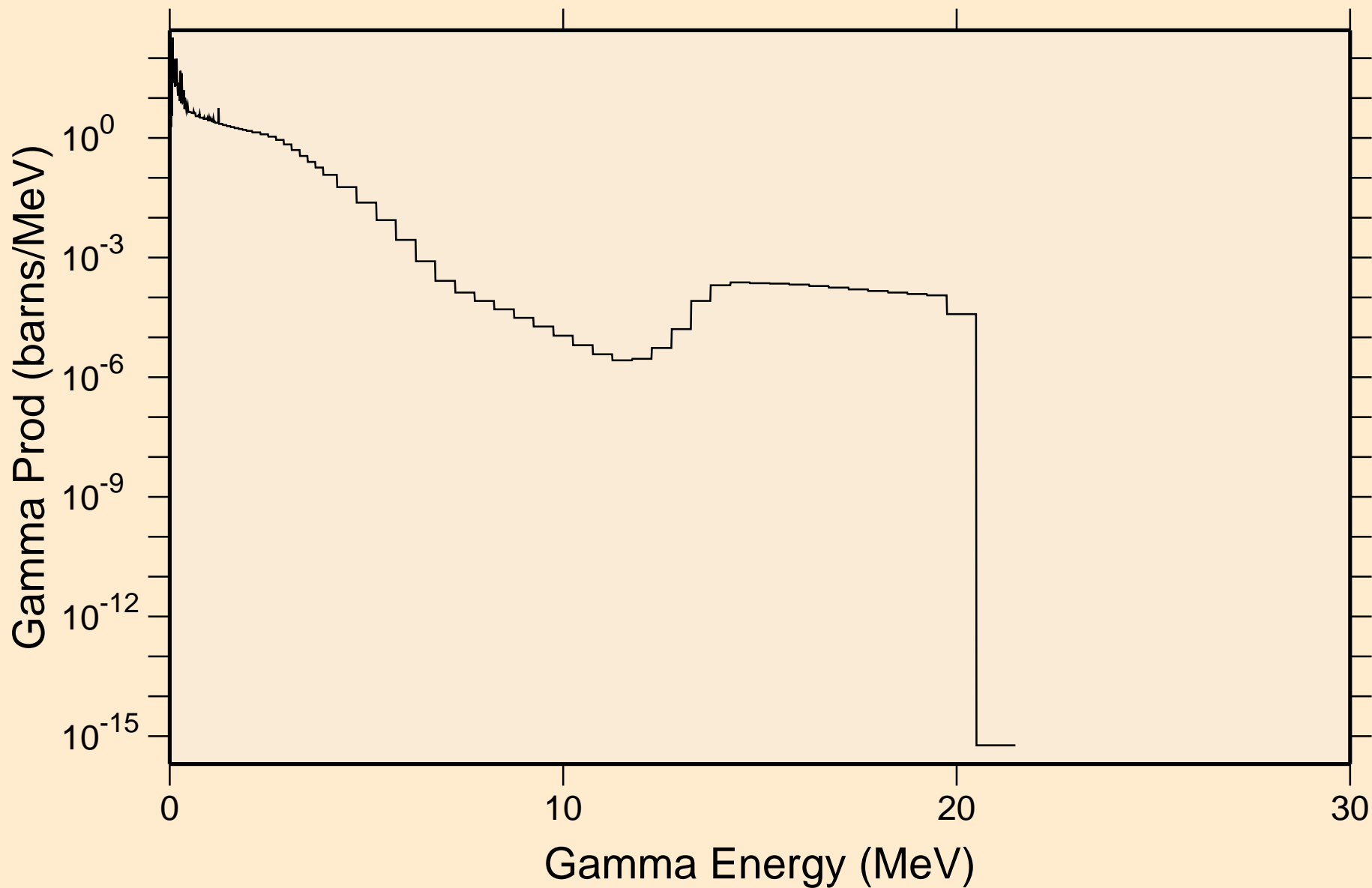
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

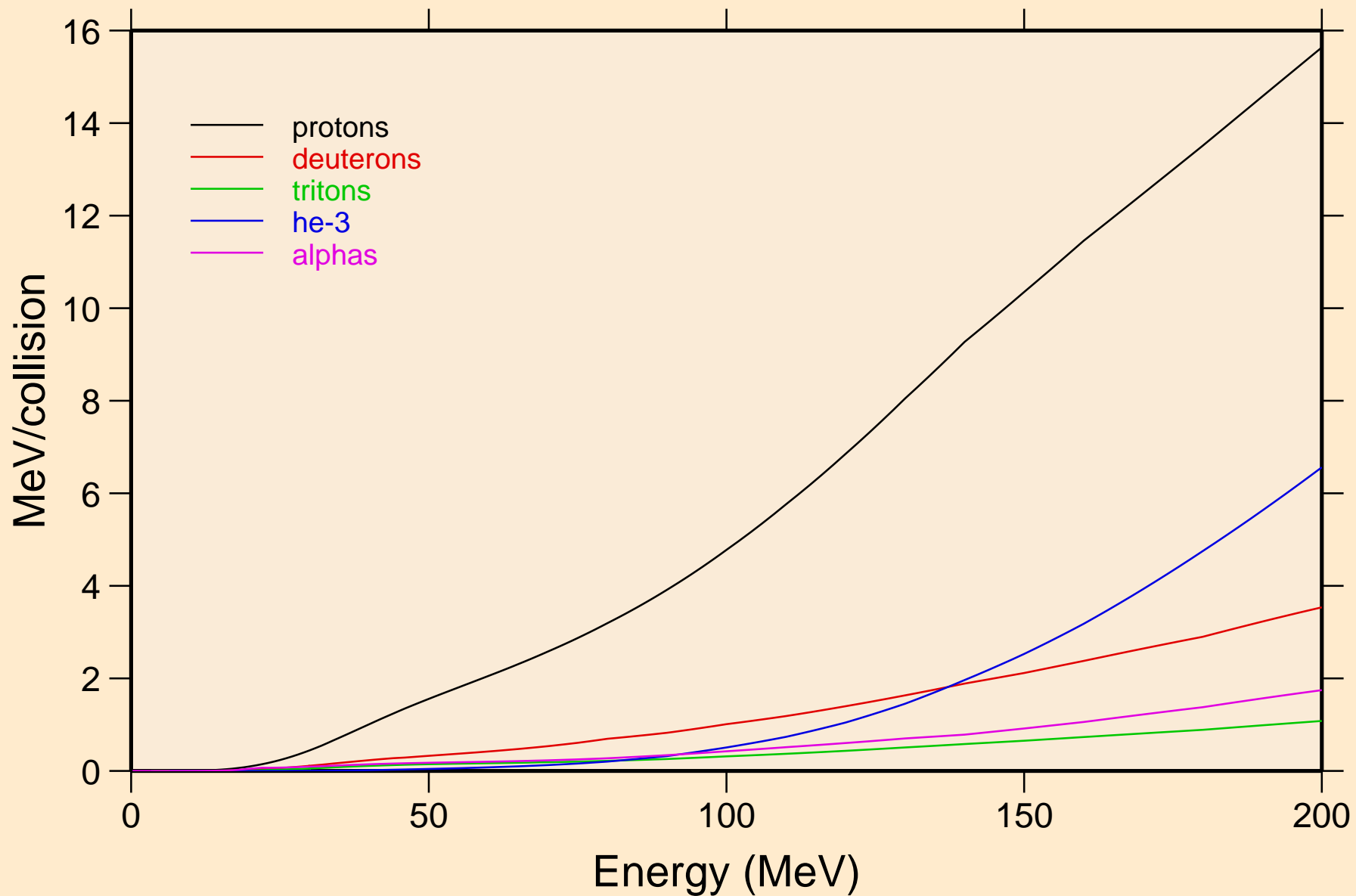


LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum

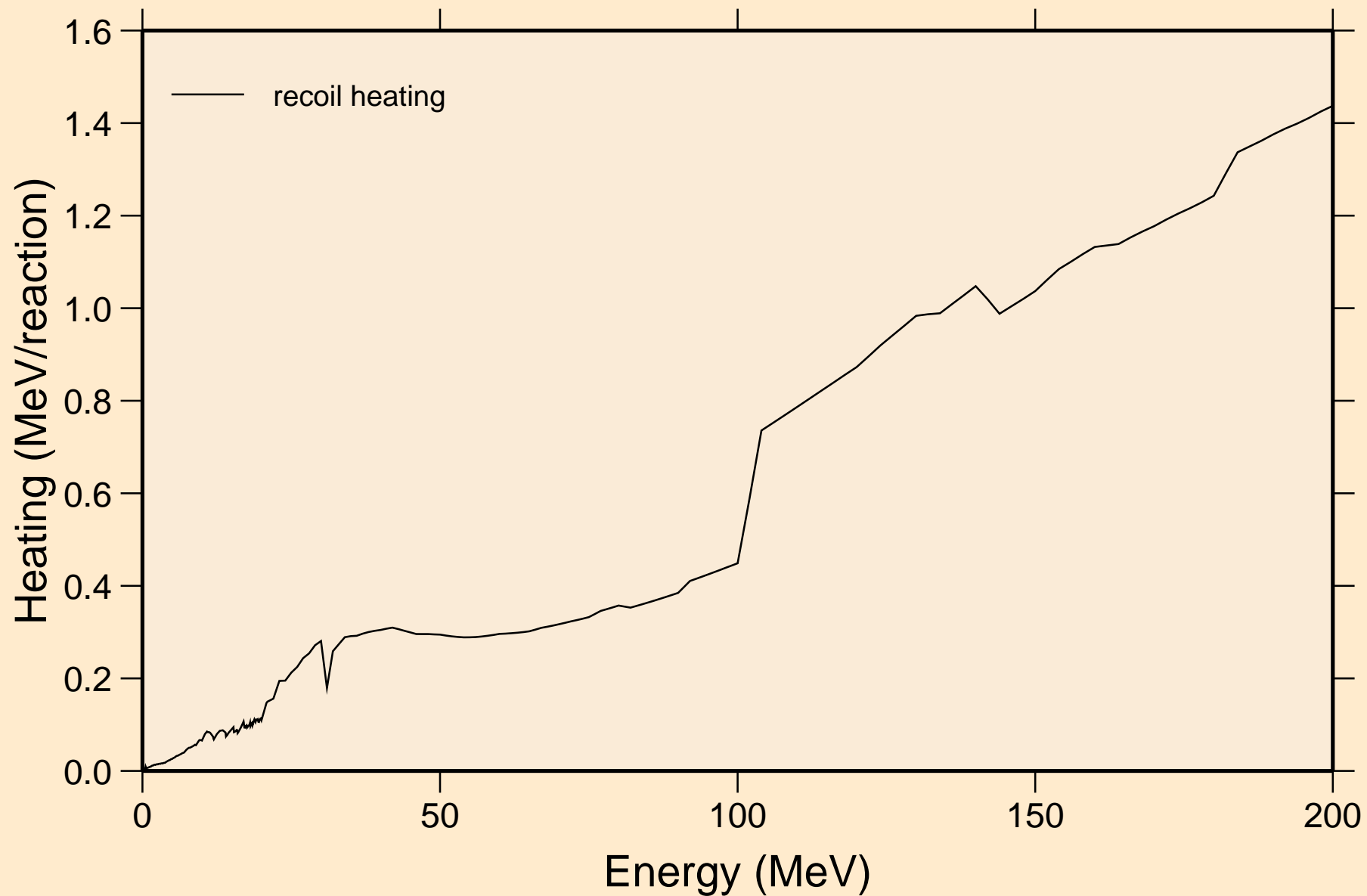


# LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

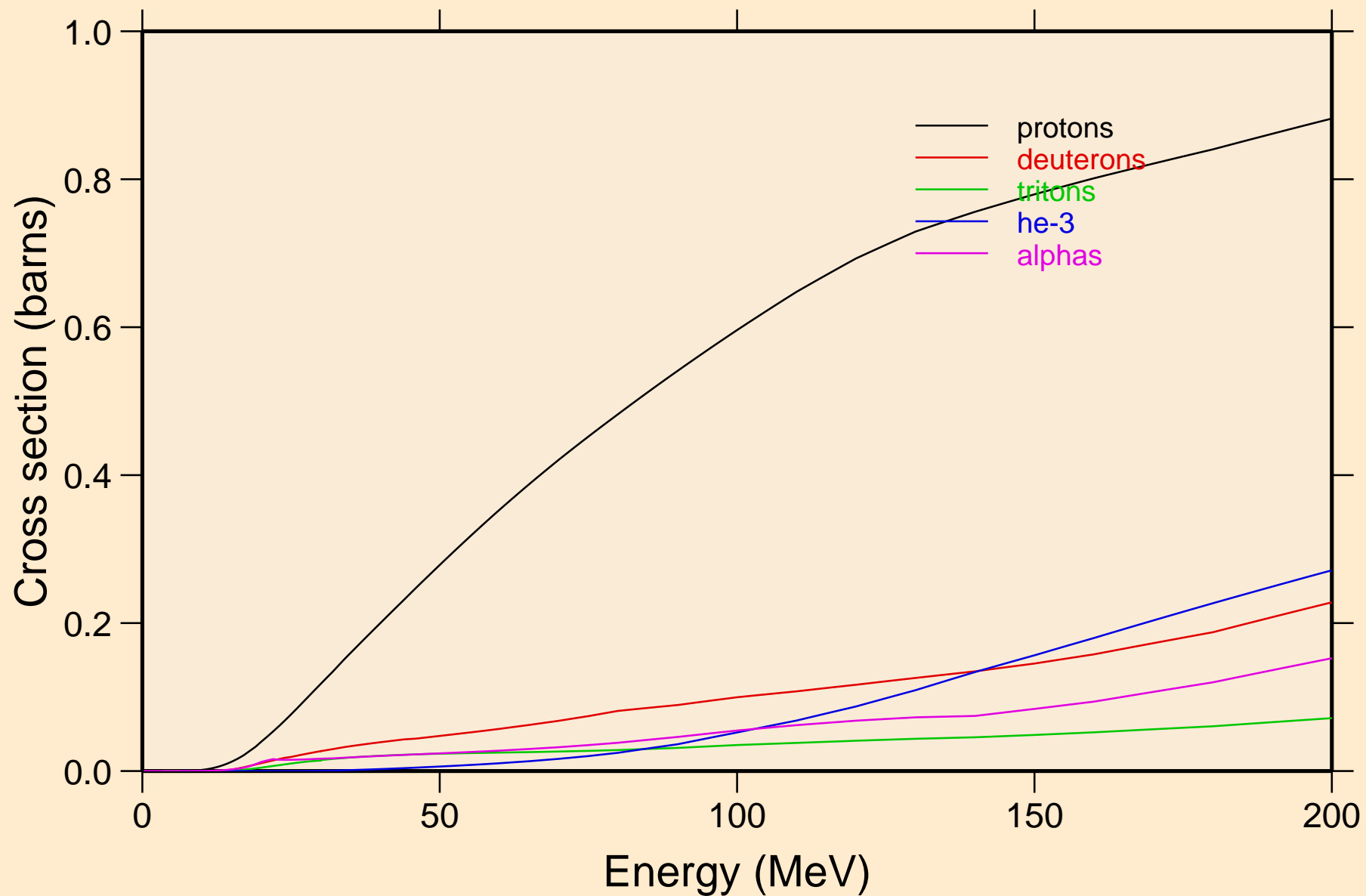
## Particle heating contributions



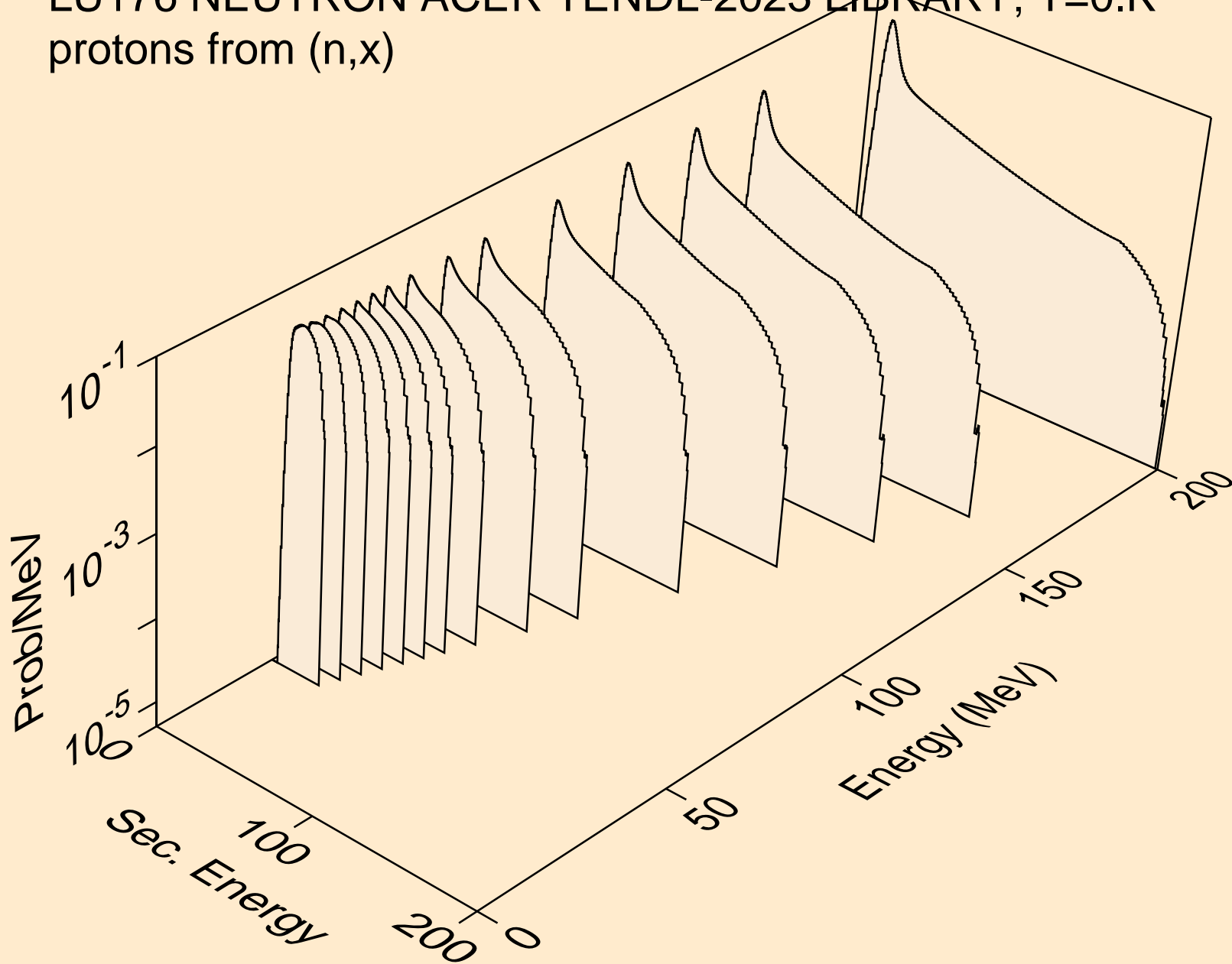
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



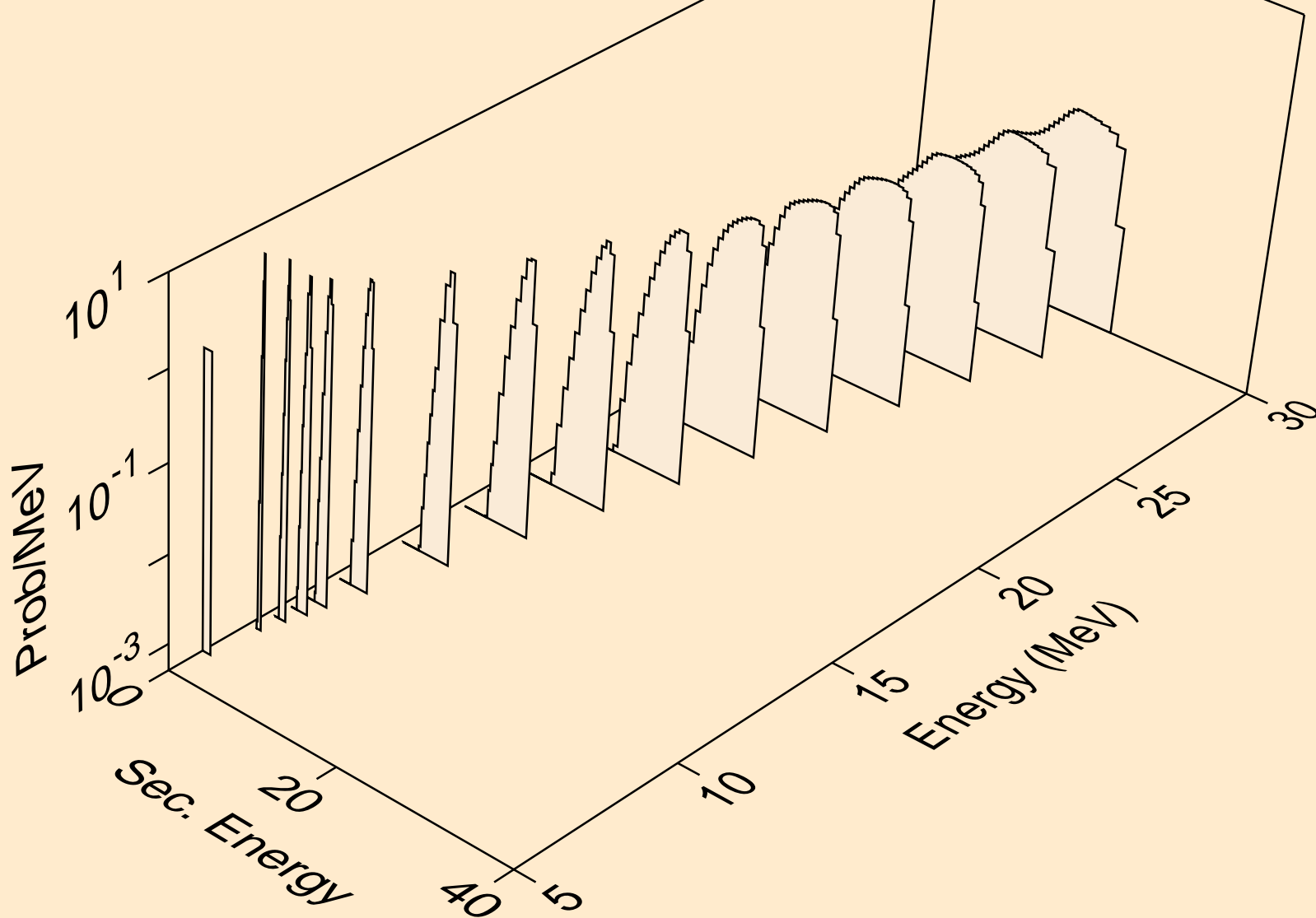
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)

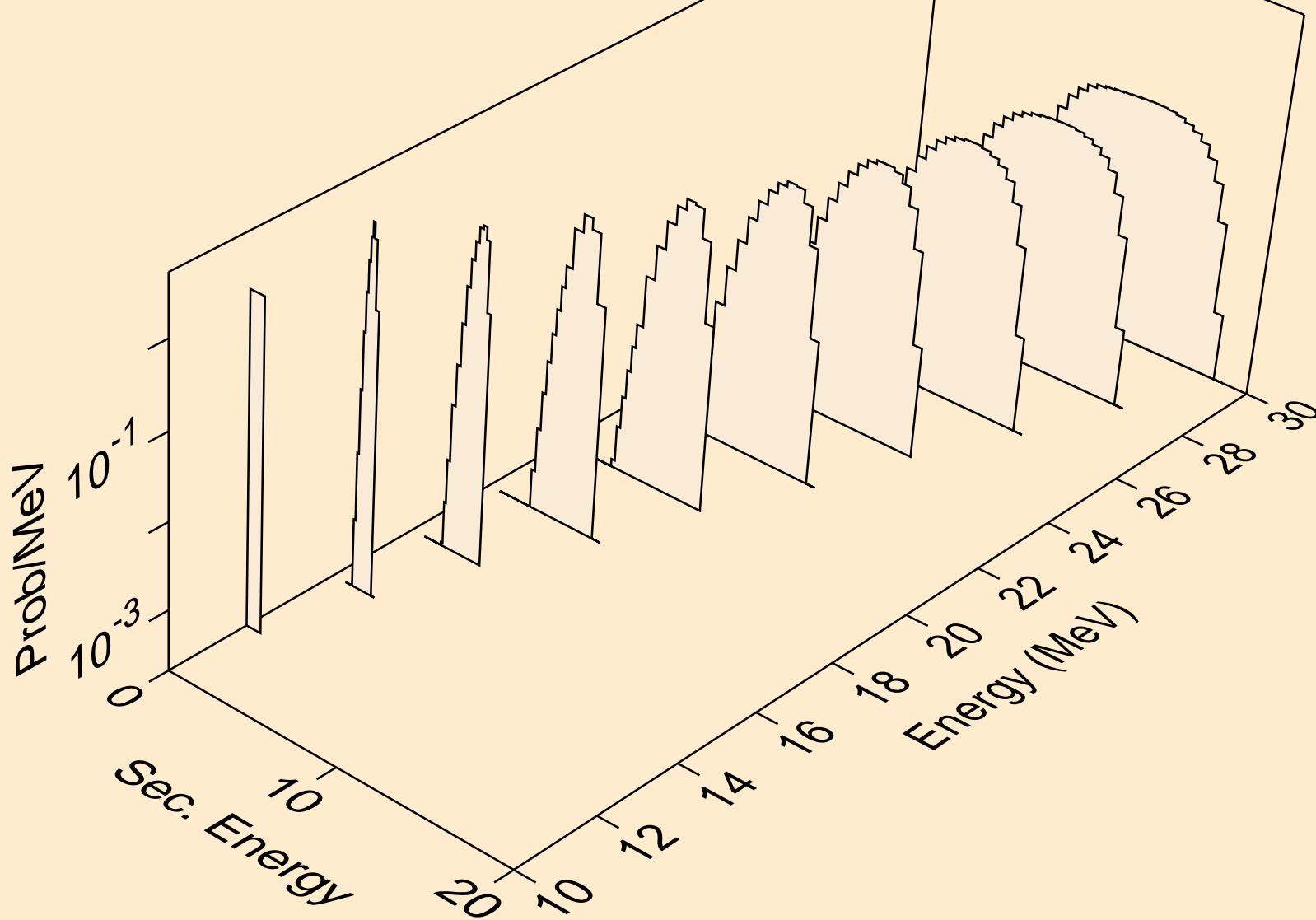


LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p

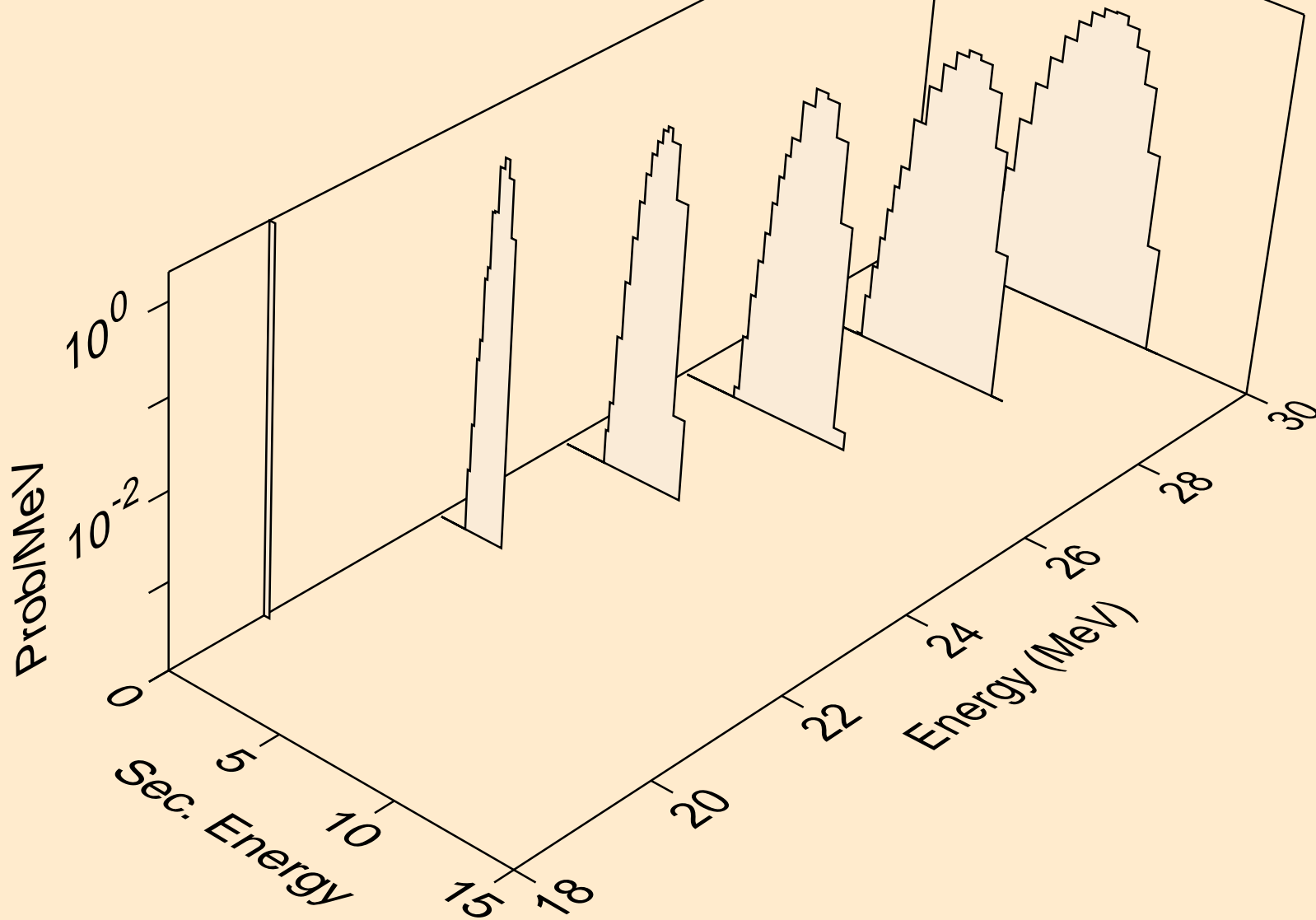




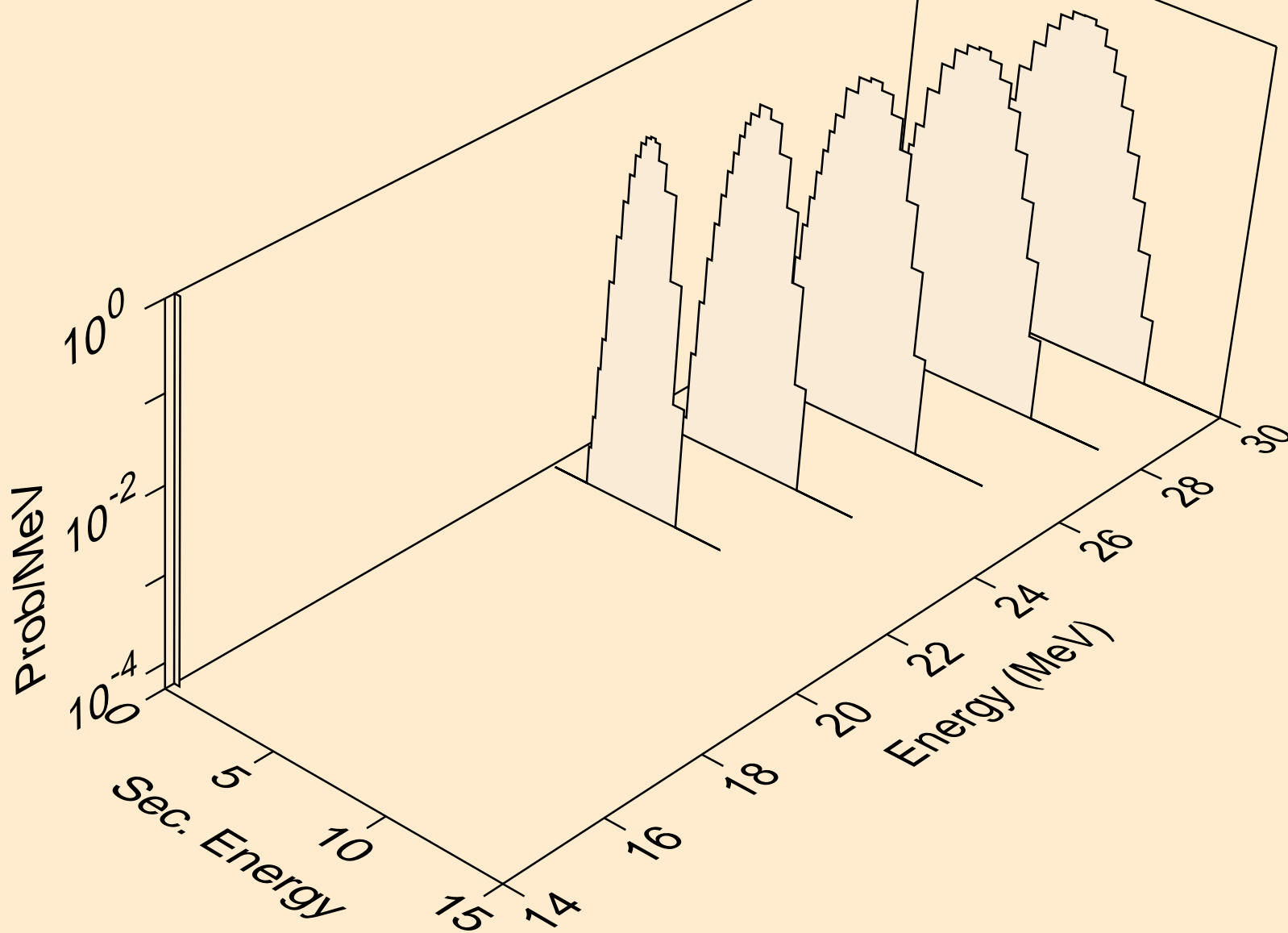
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2np)



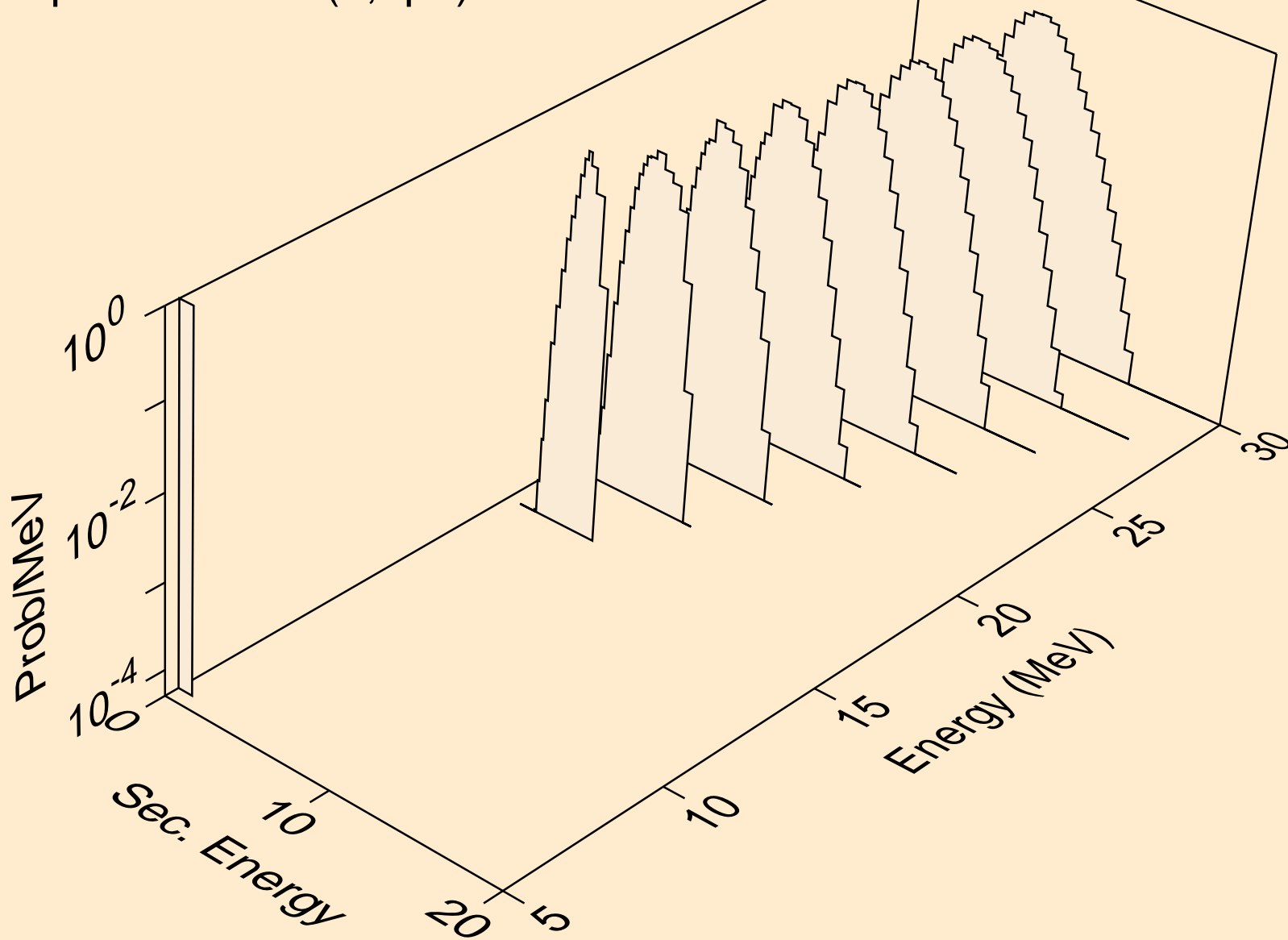
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,3np)



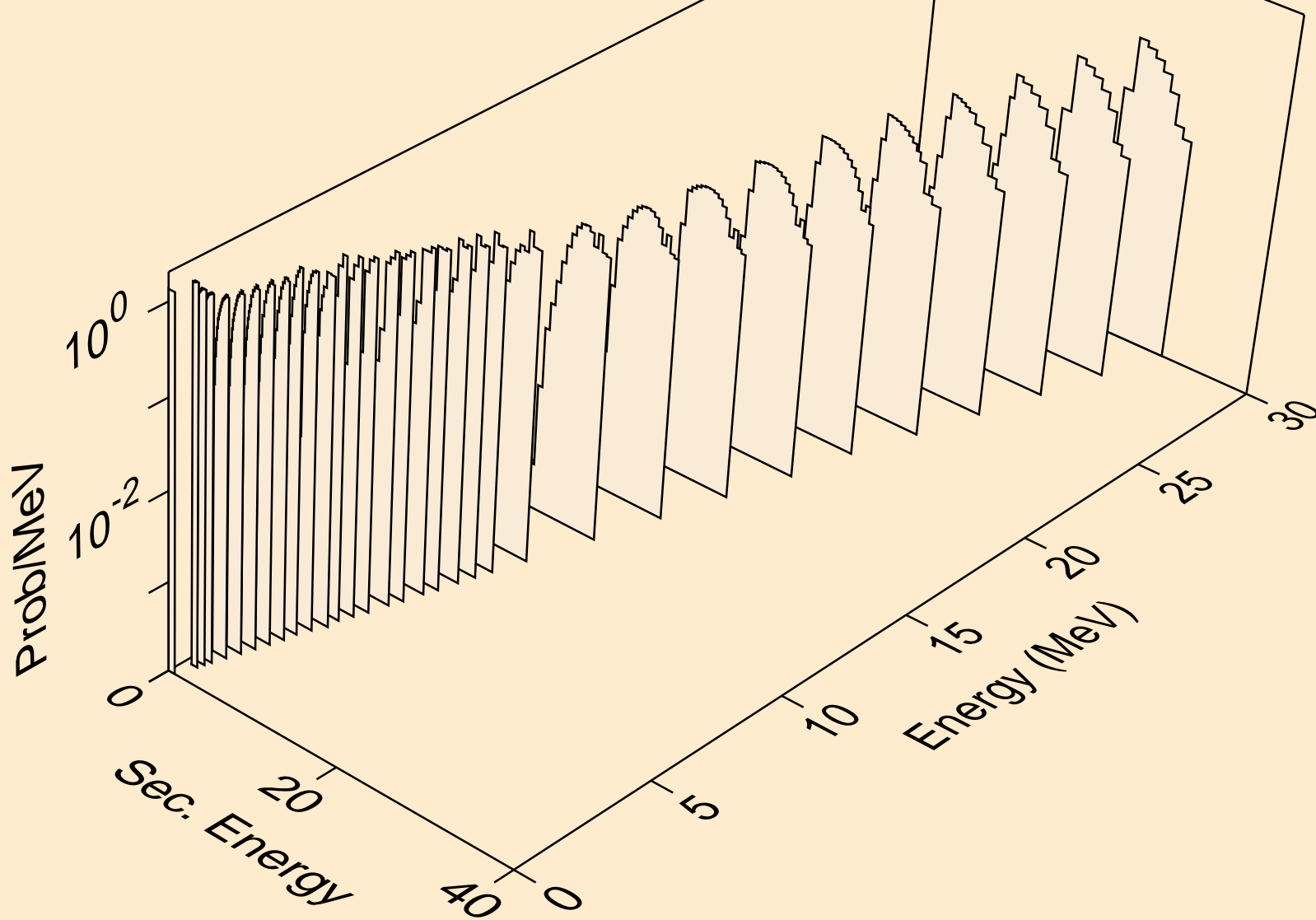
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n2p)



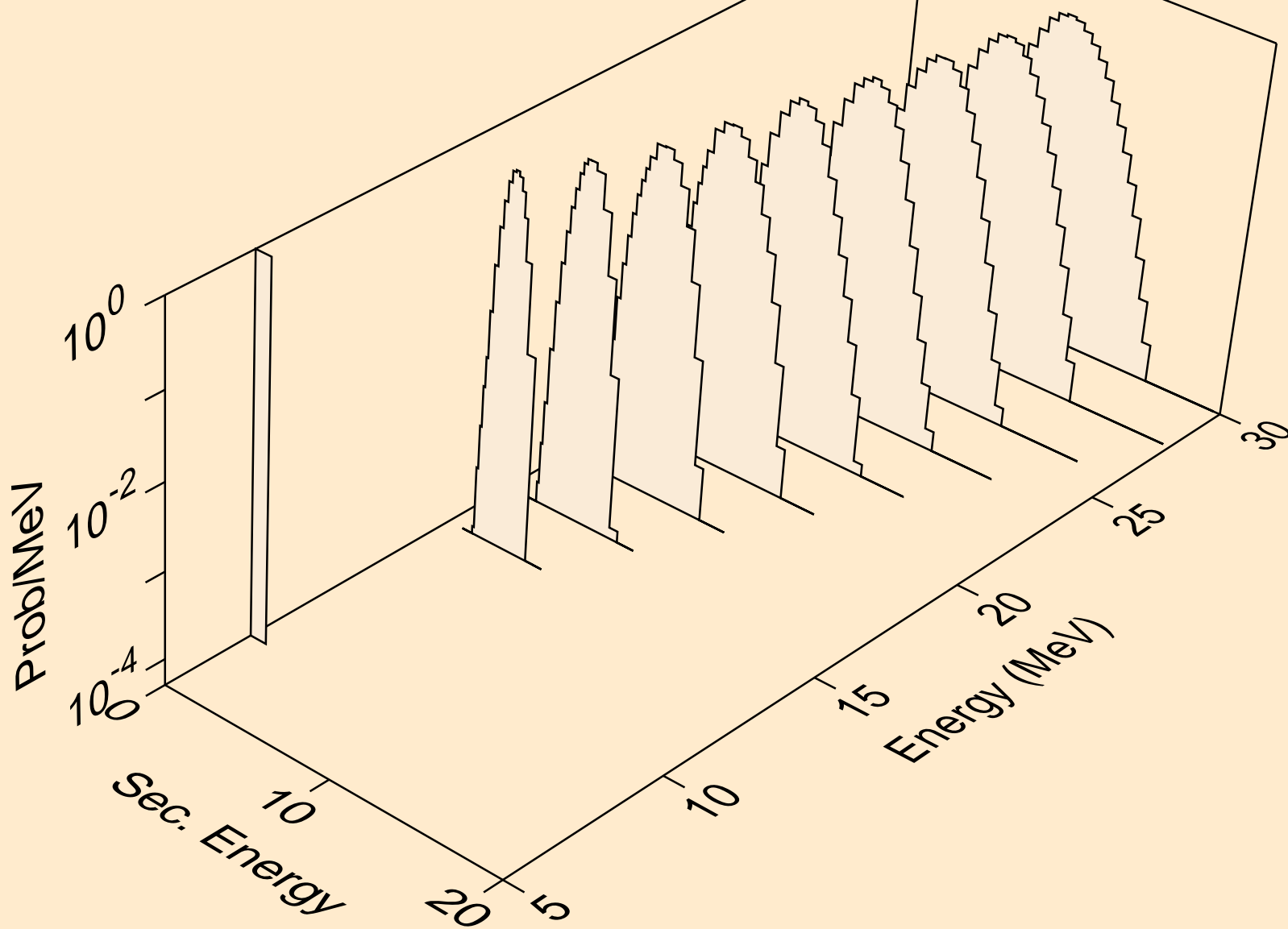
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,npa)



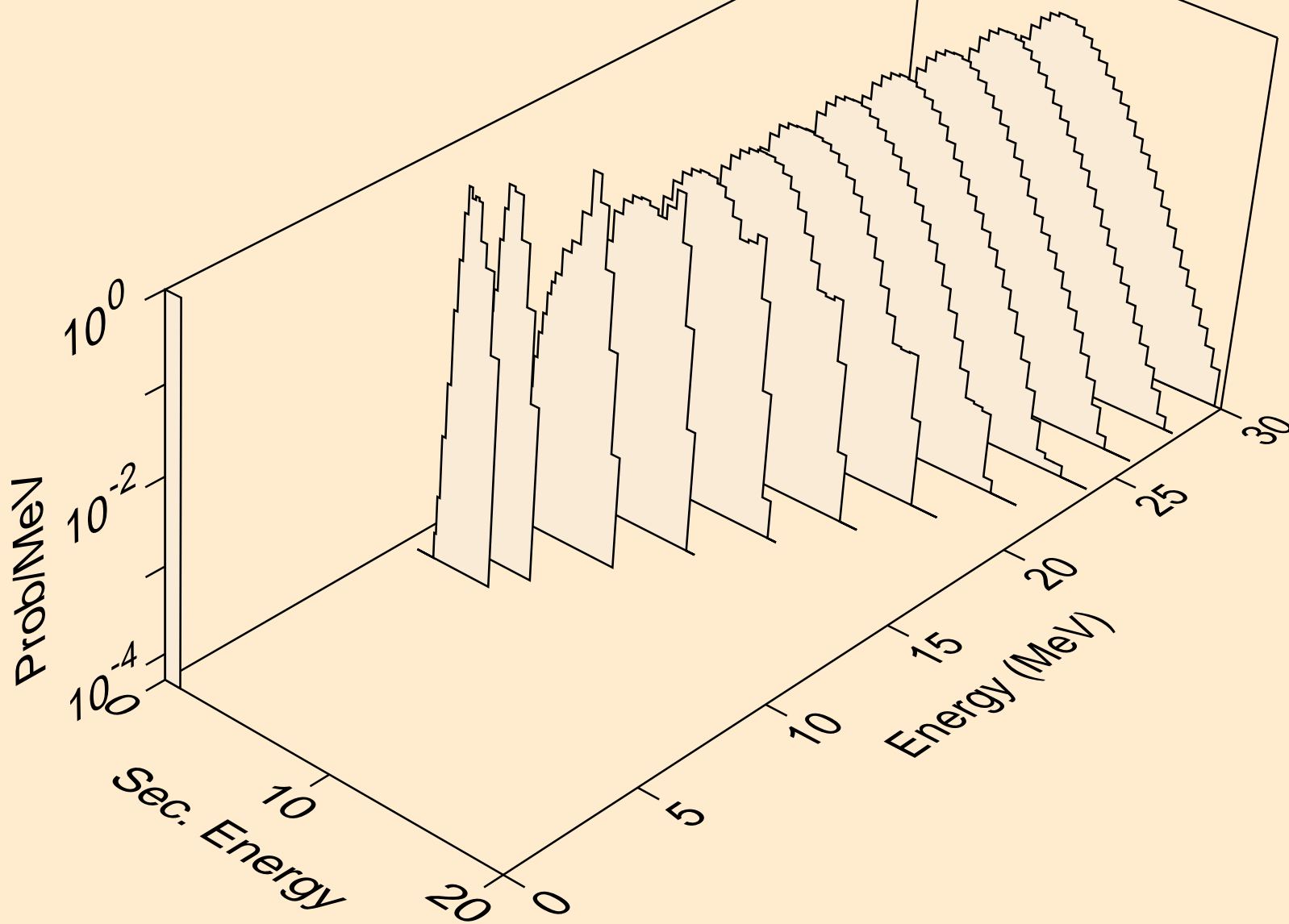
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,p)



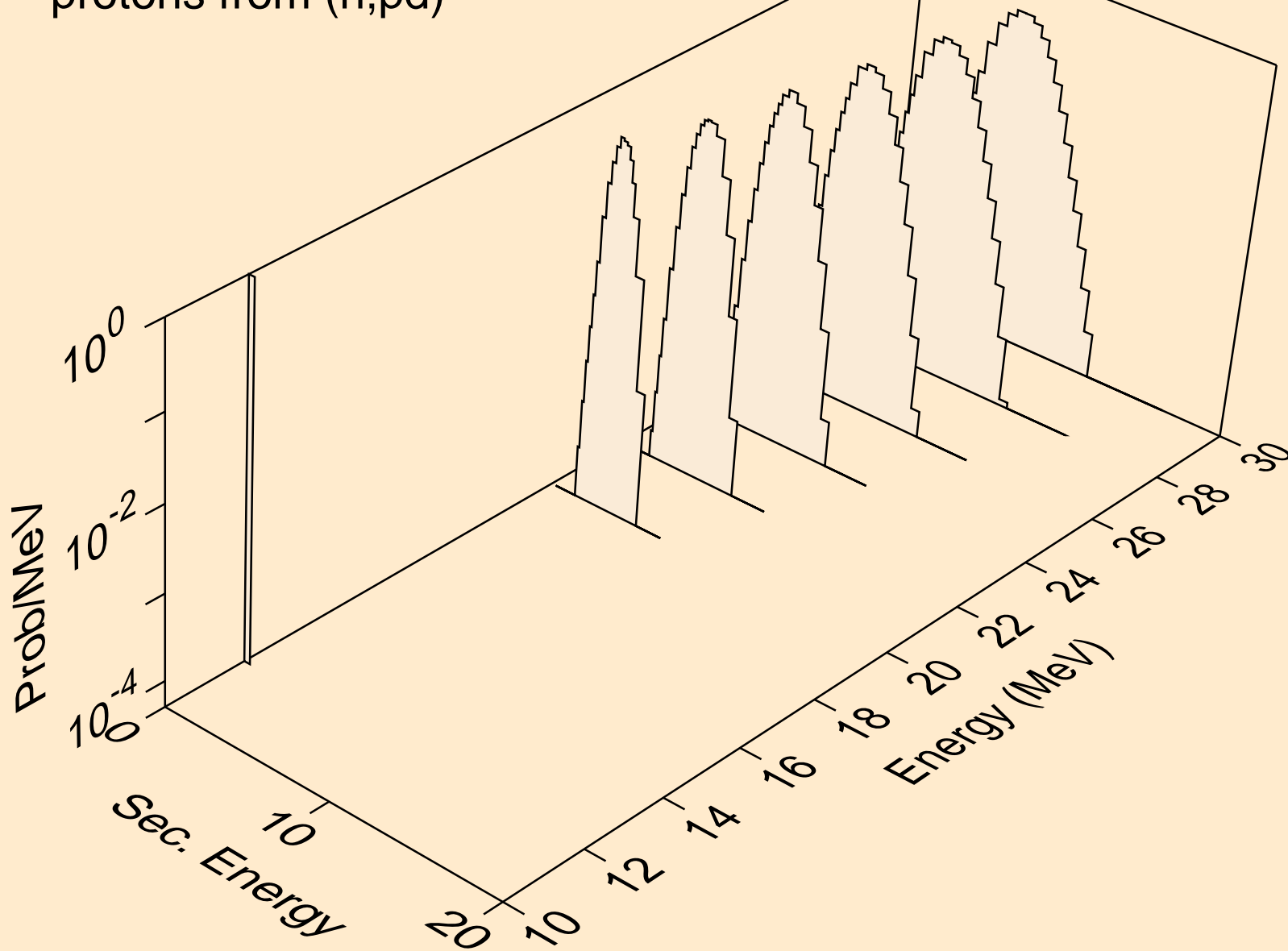
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2p)



LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,pa)

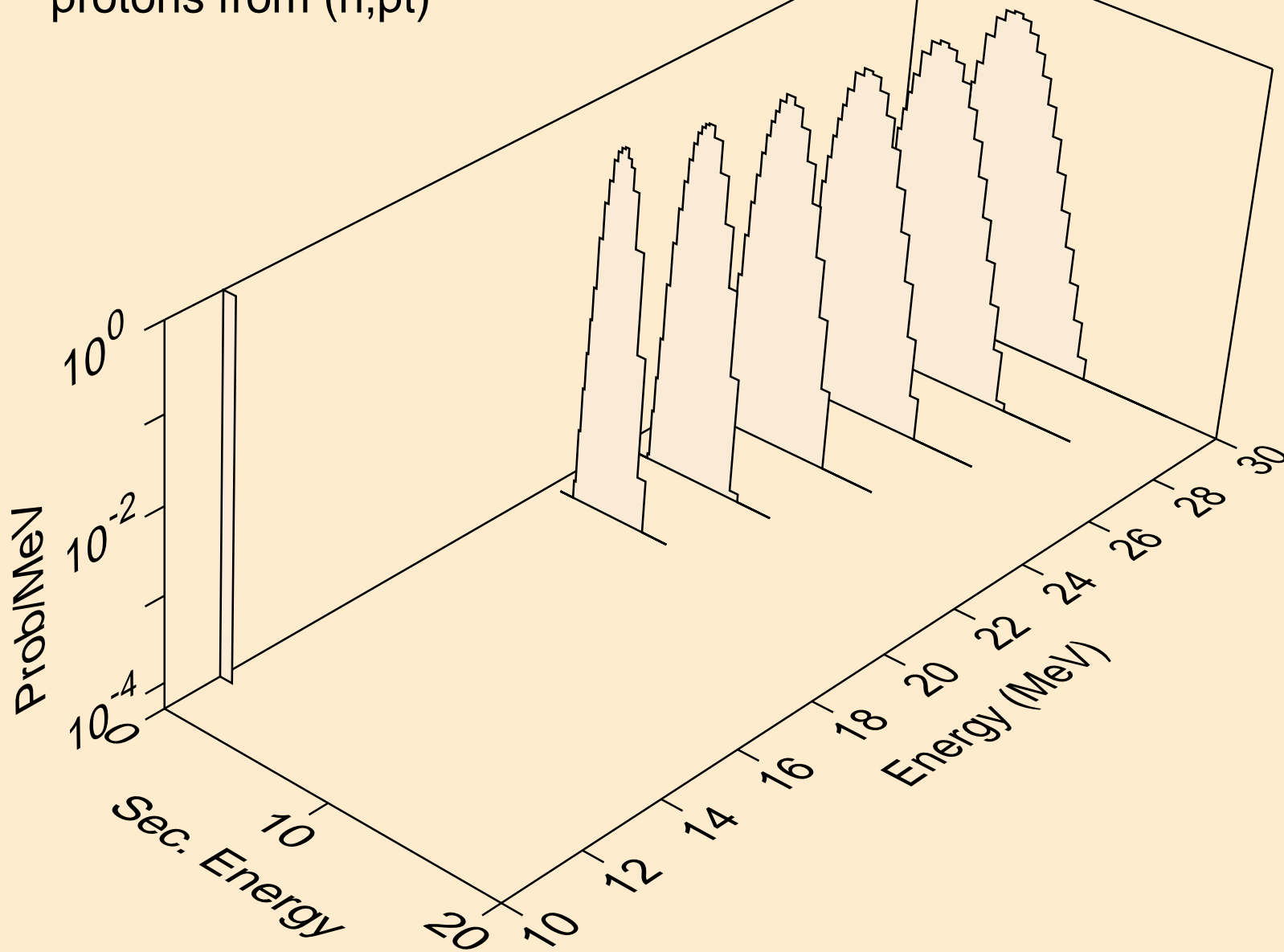


LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,pd)

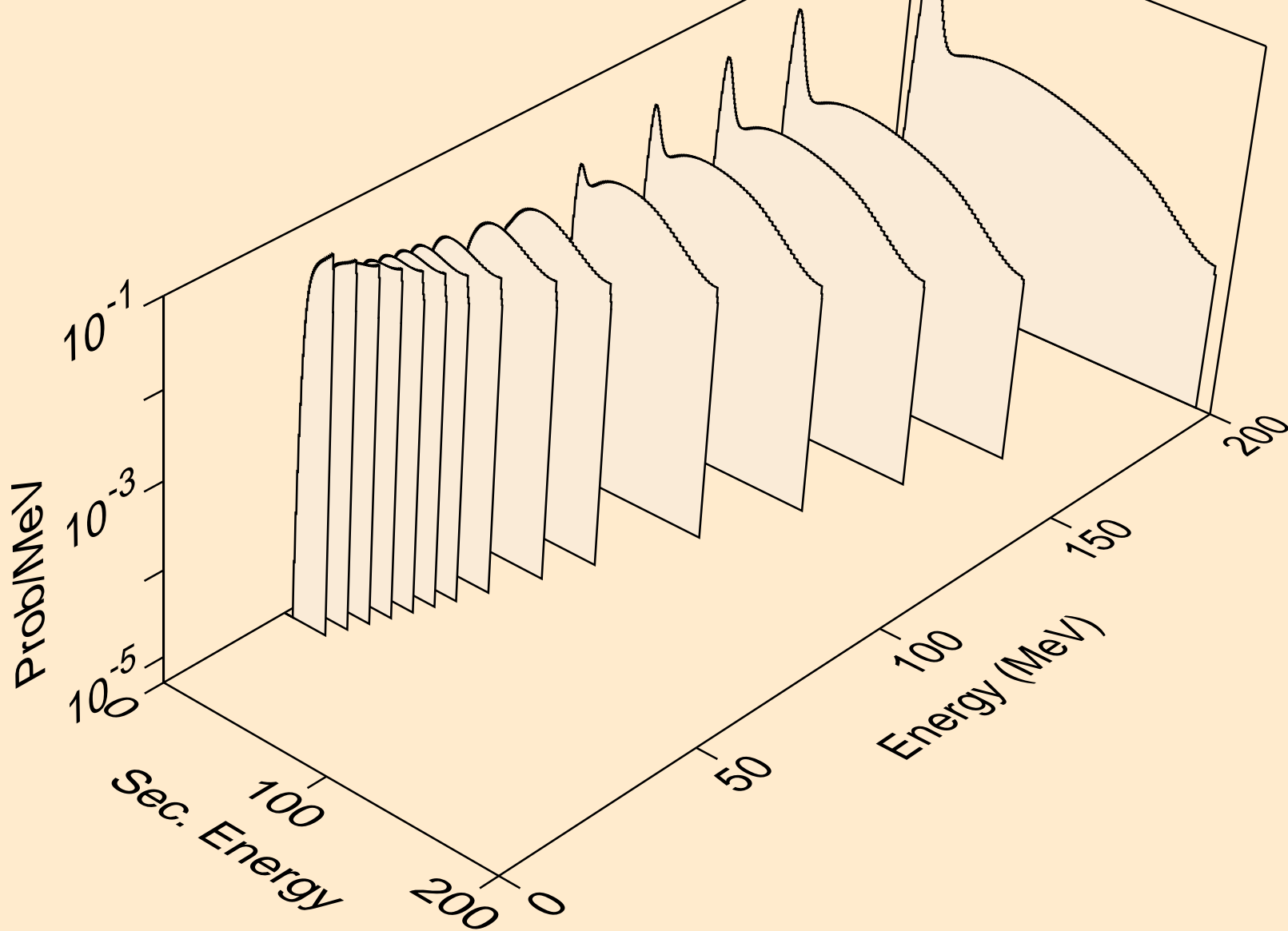




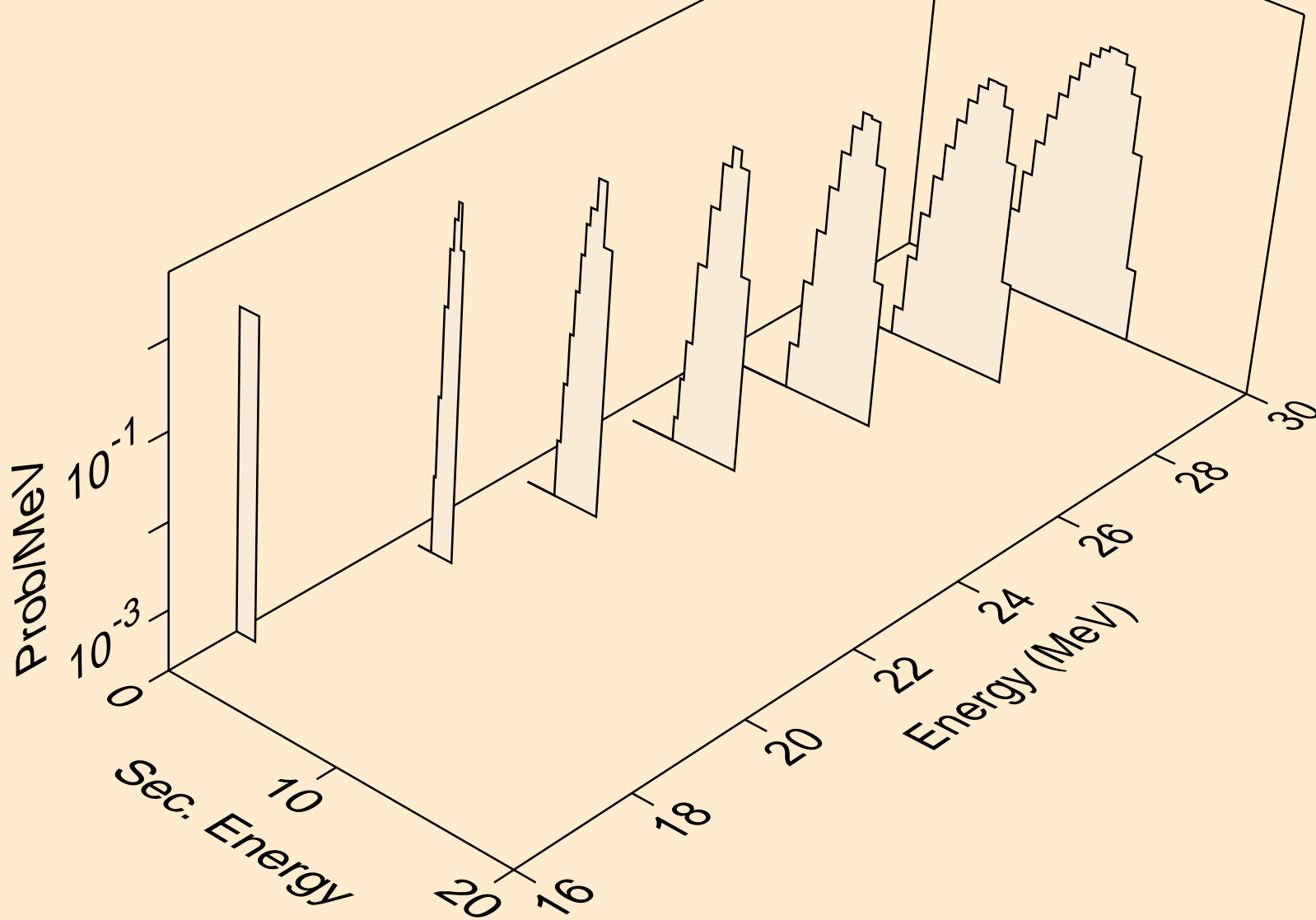
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,pt)



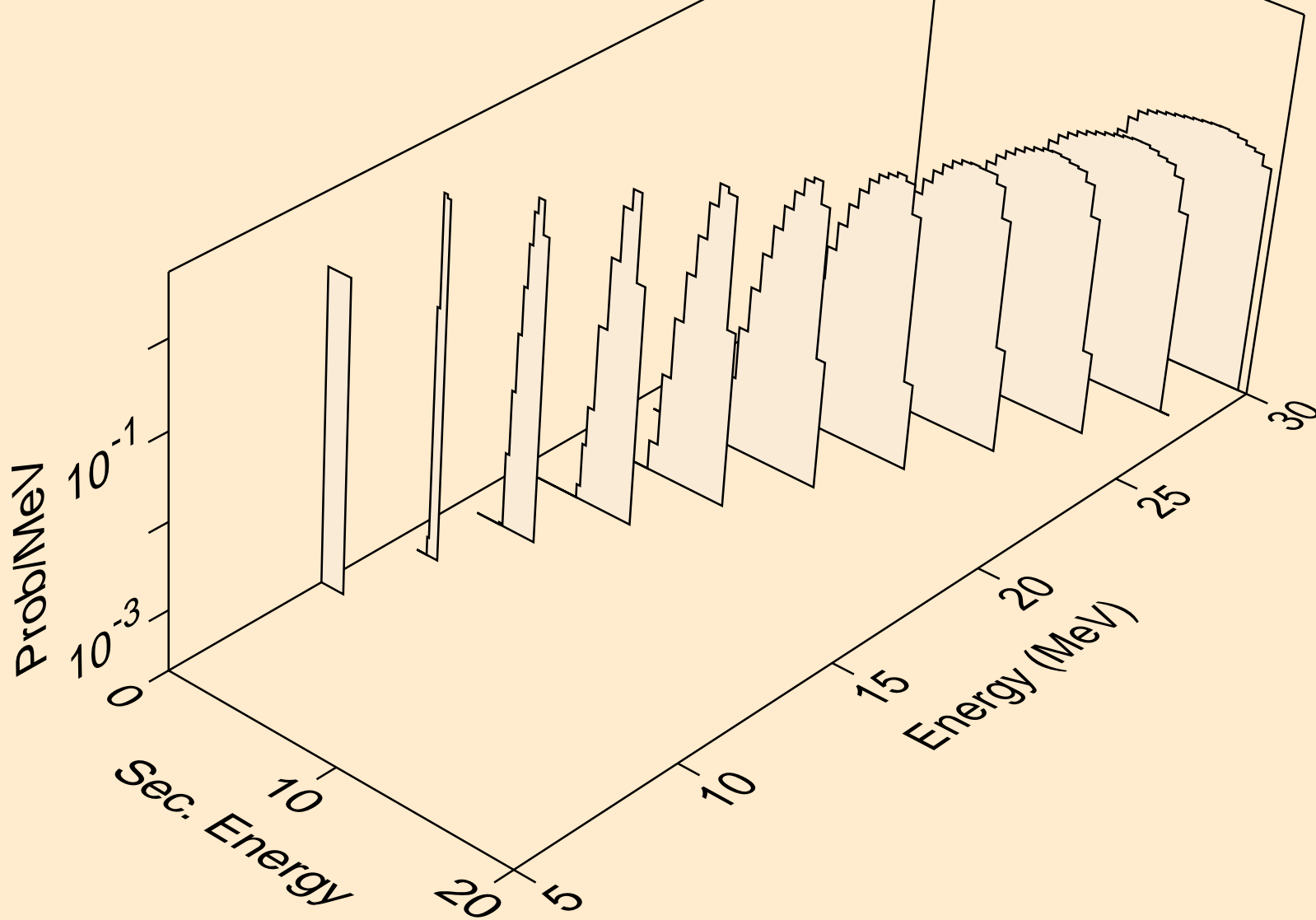
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,x)



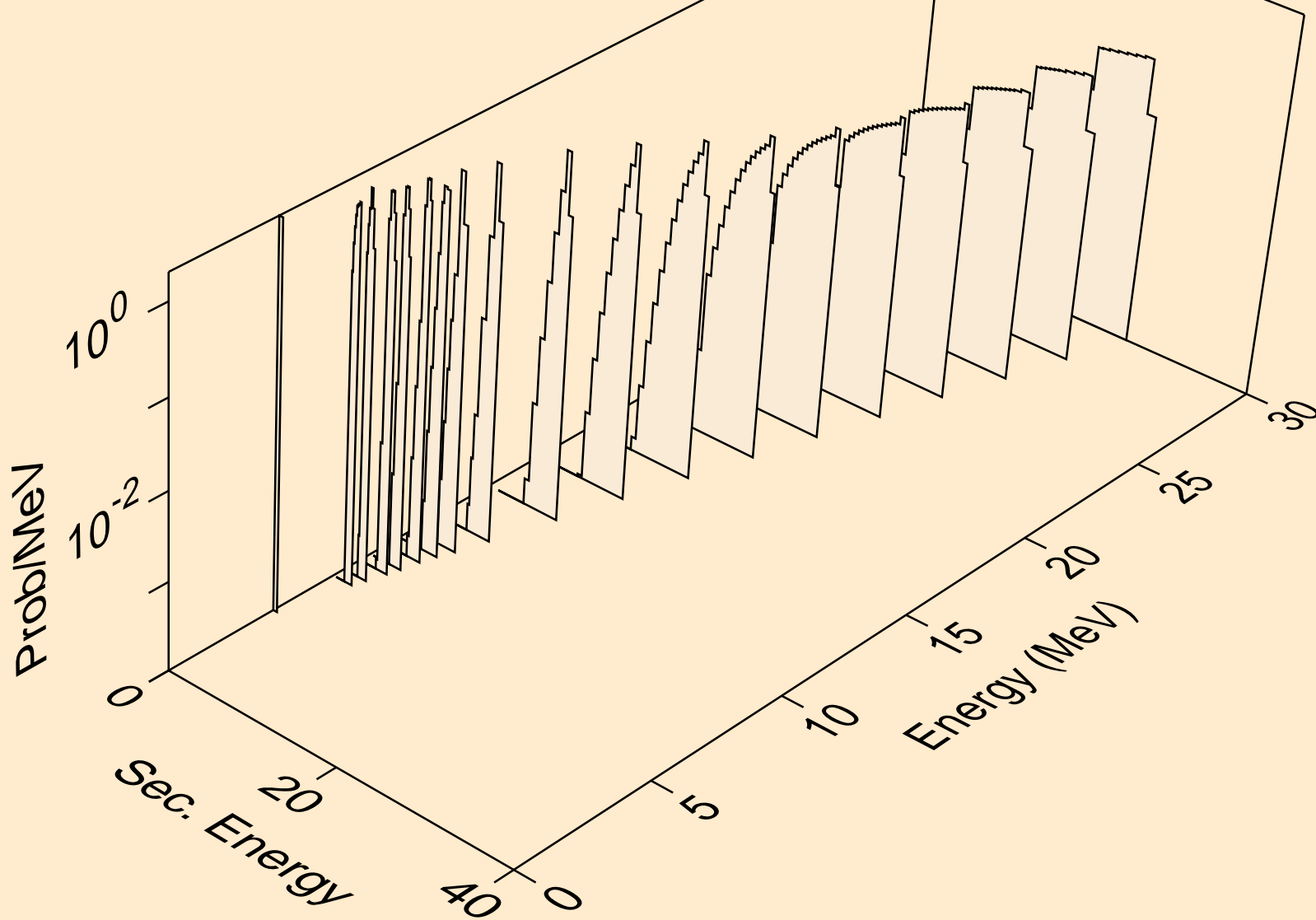
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,2nd)



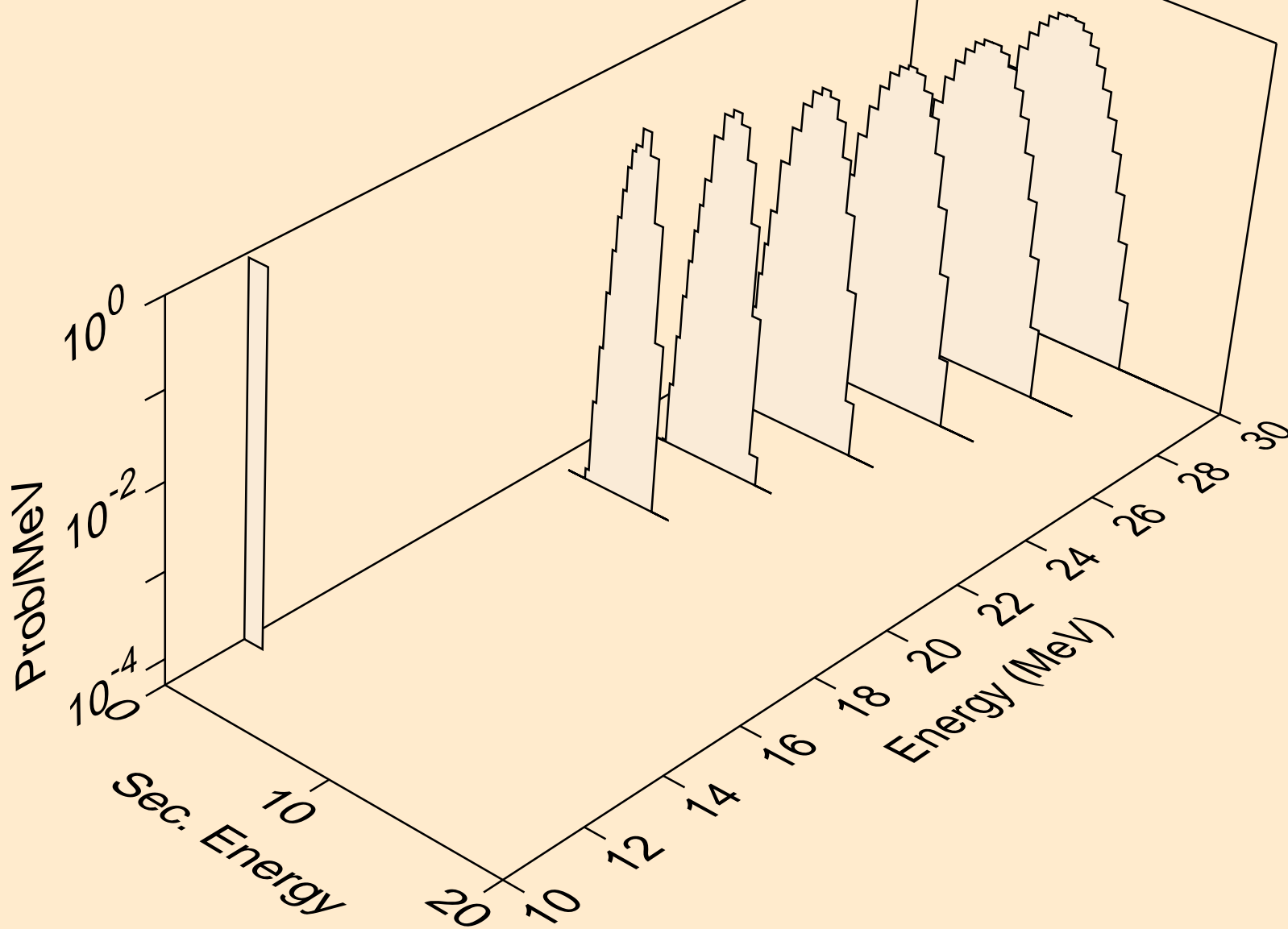
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,n\*)d



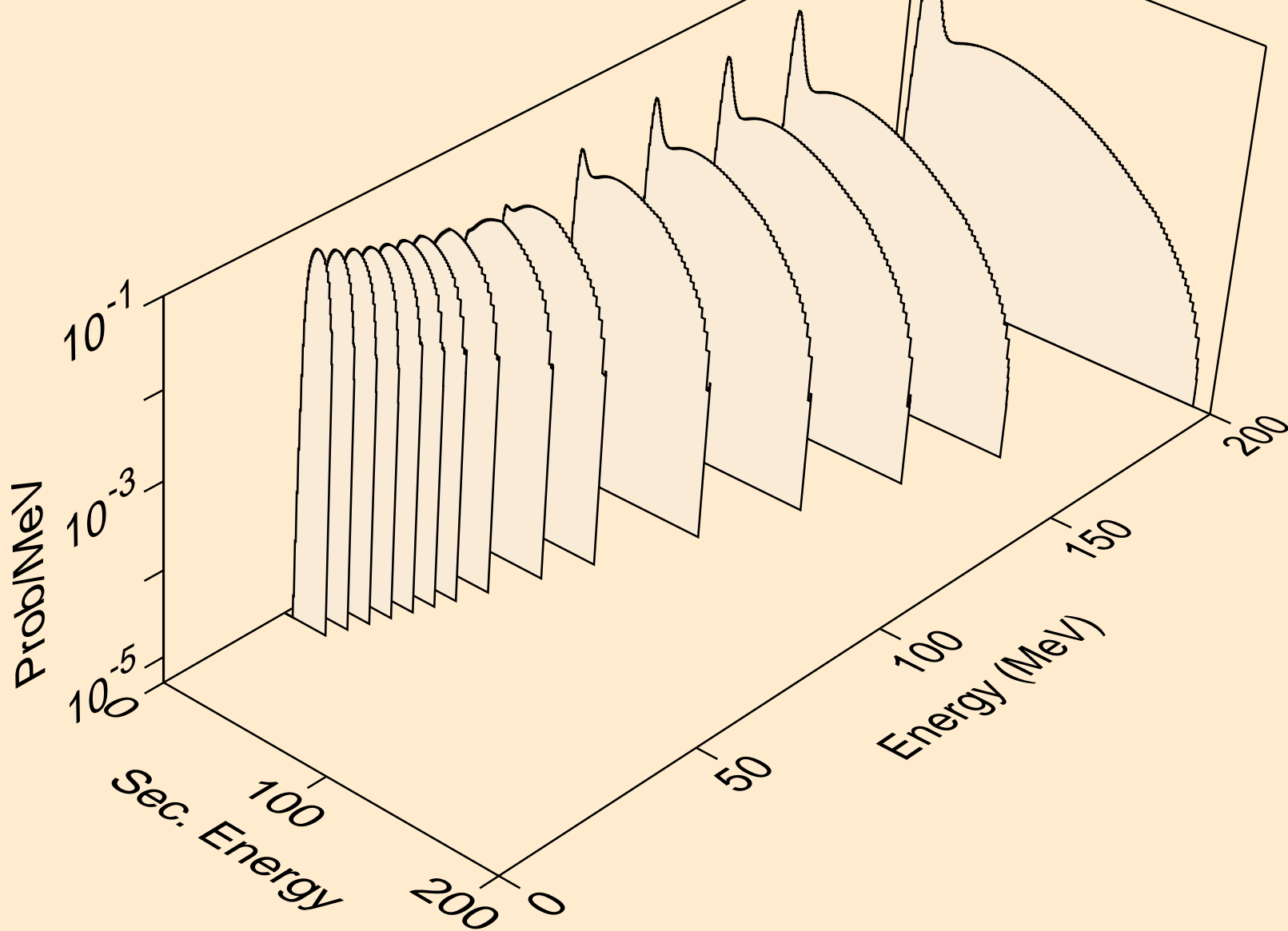
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,d)



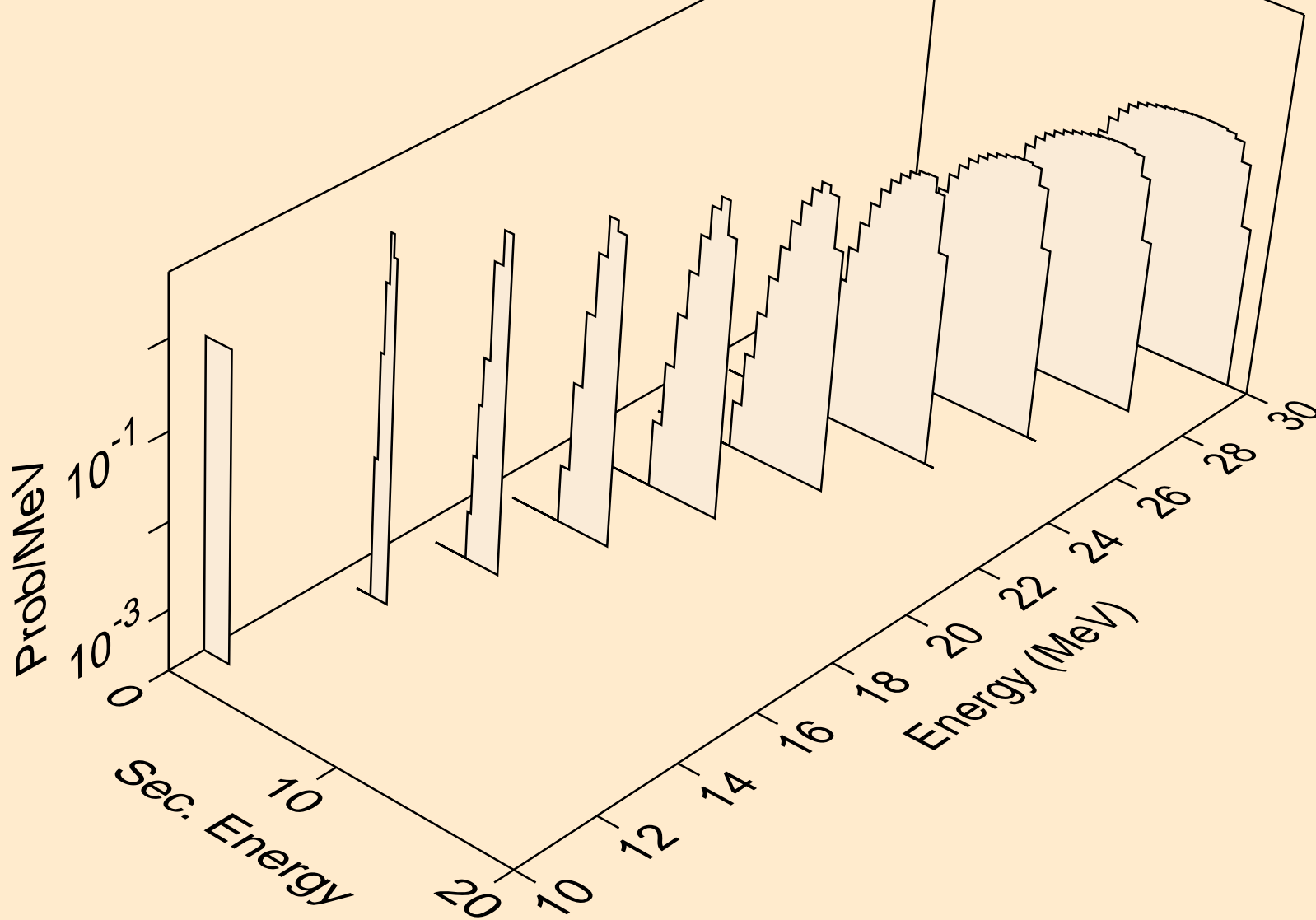
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,pd)



LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,x)

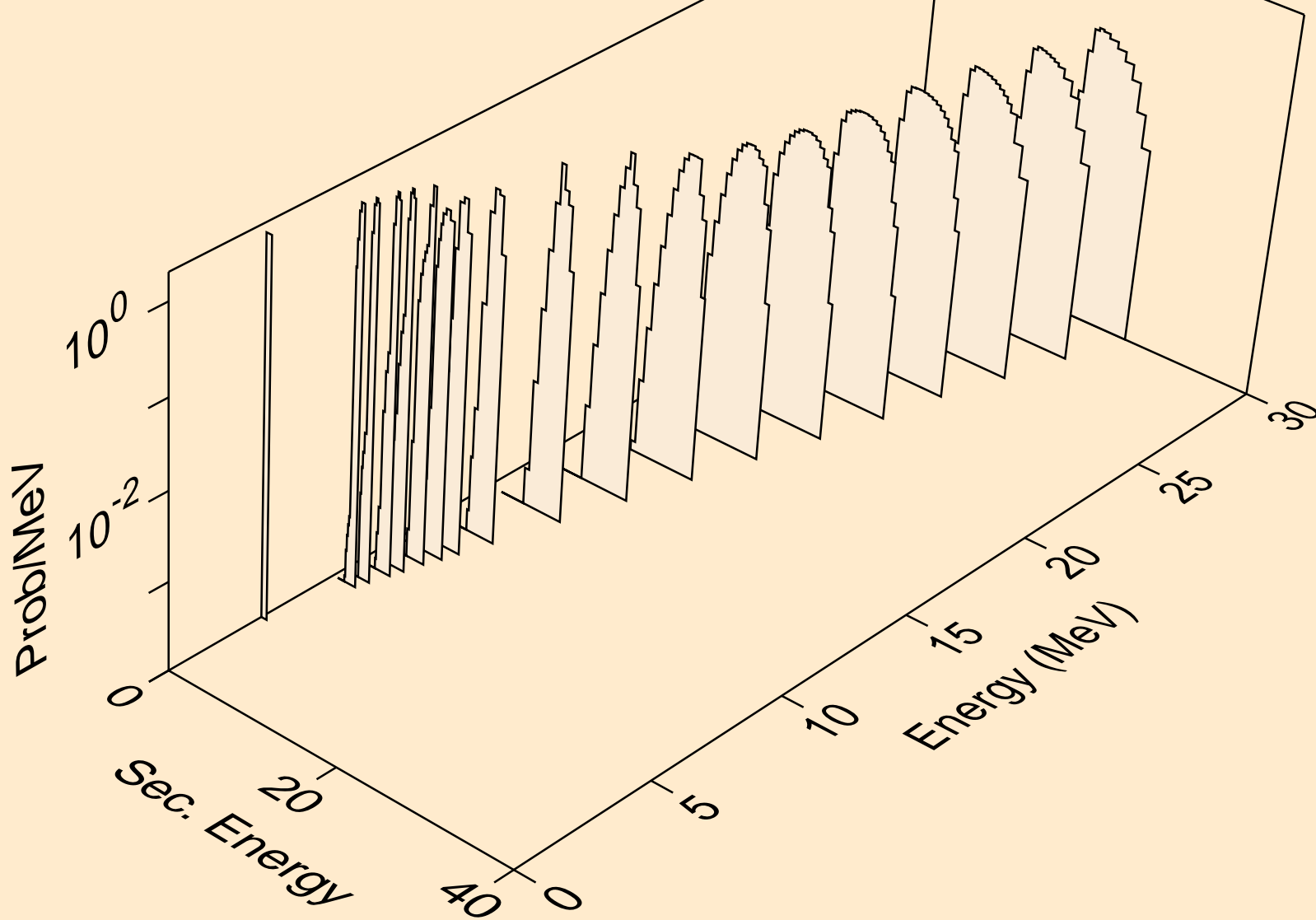


LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t

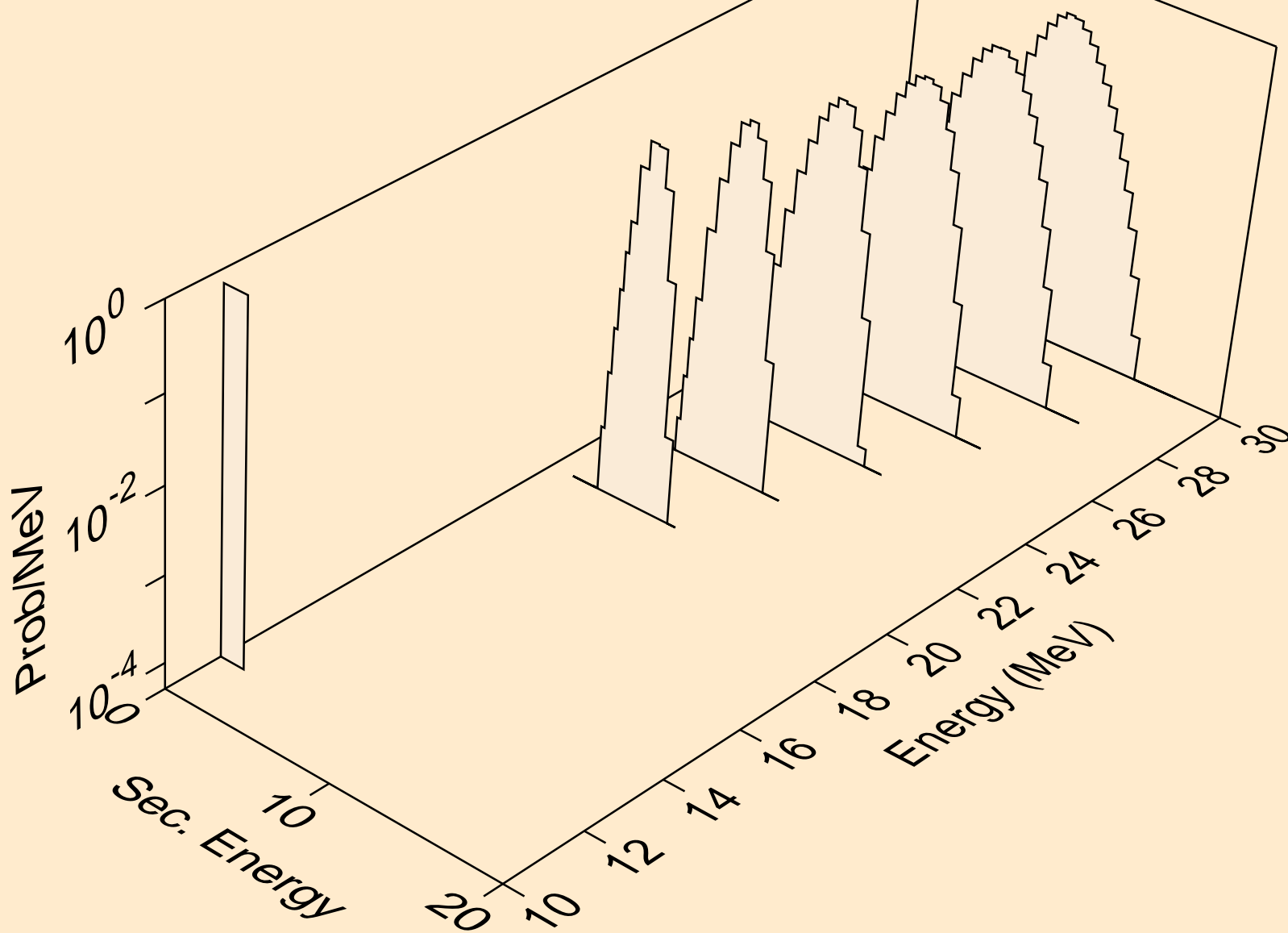




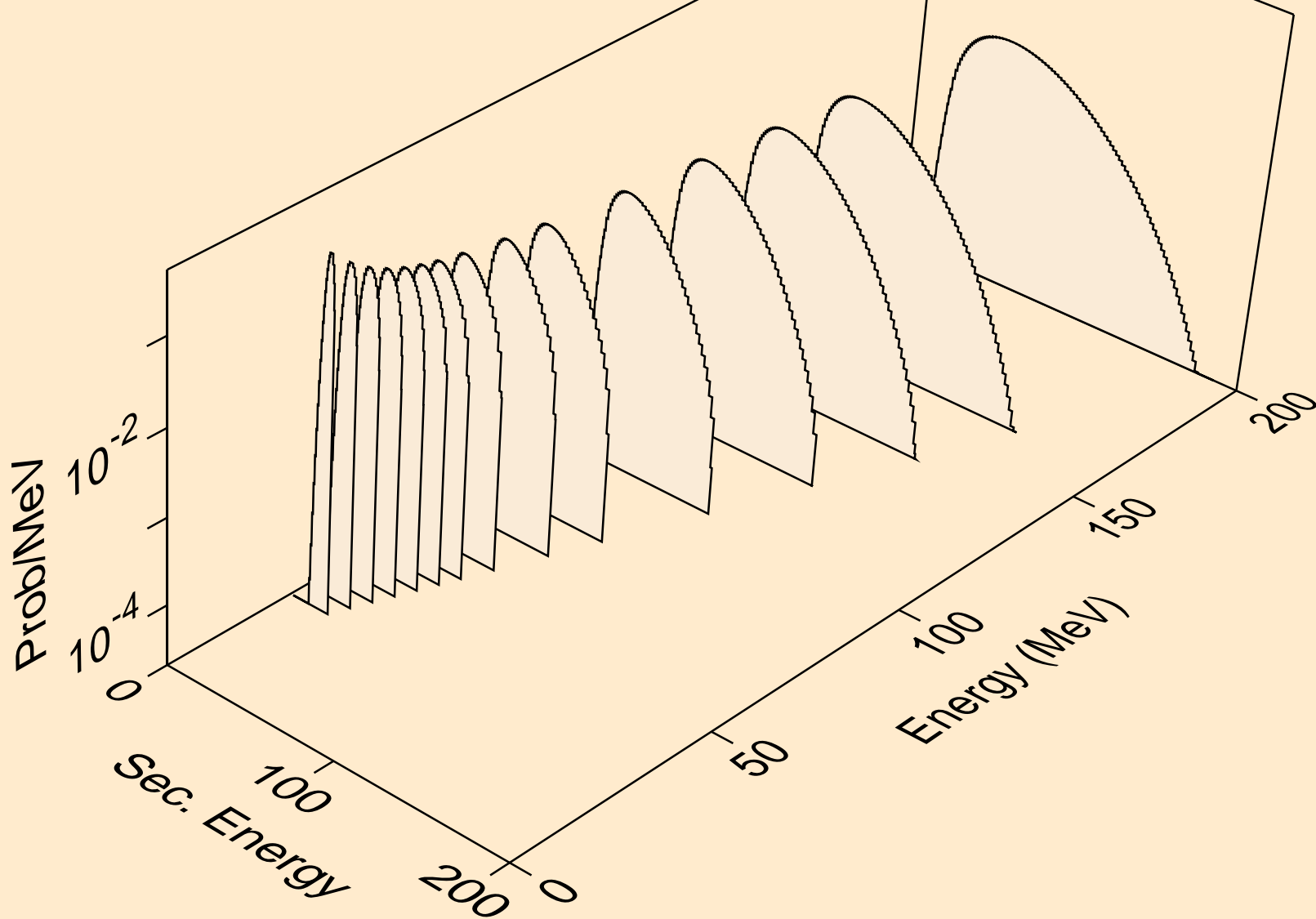
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,t)



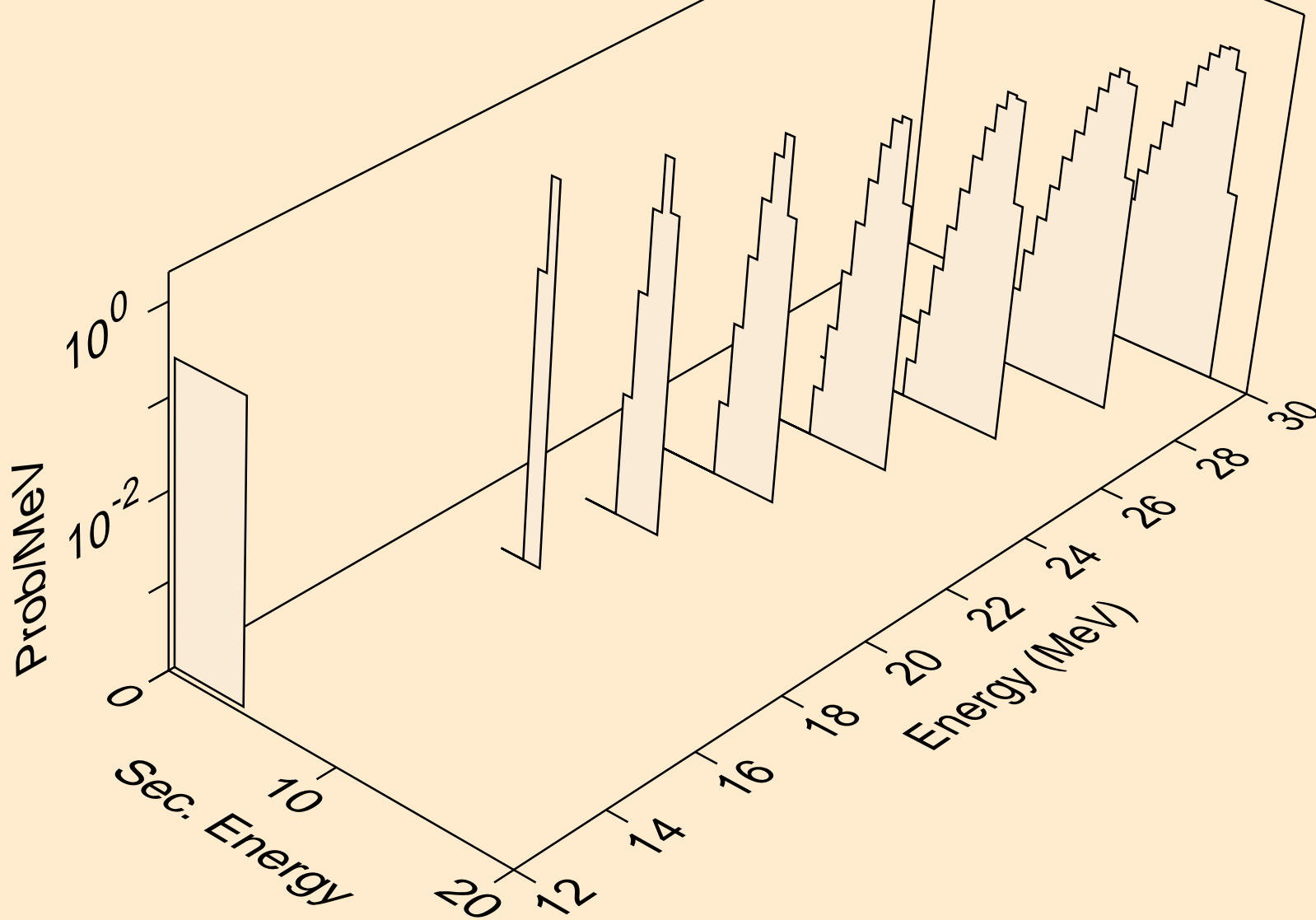
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,pt)



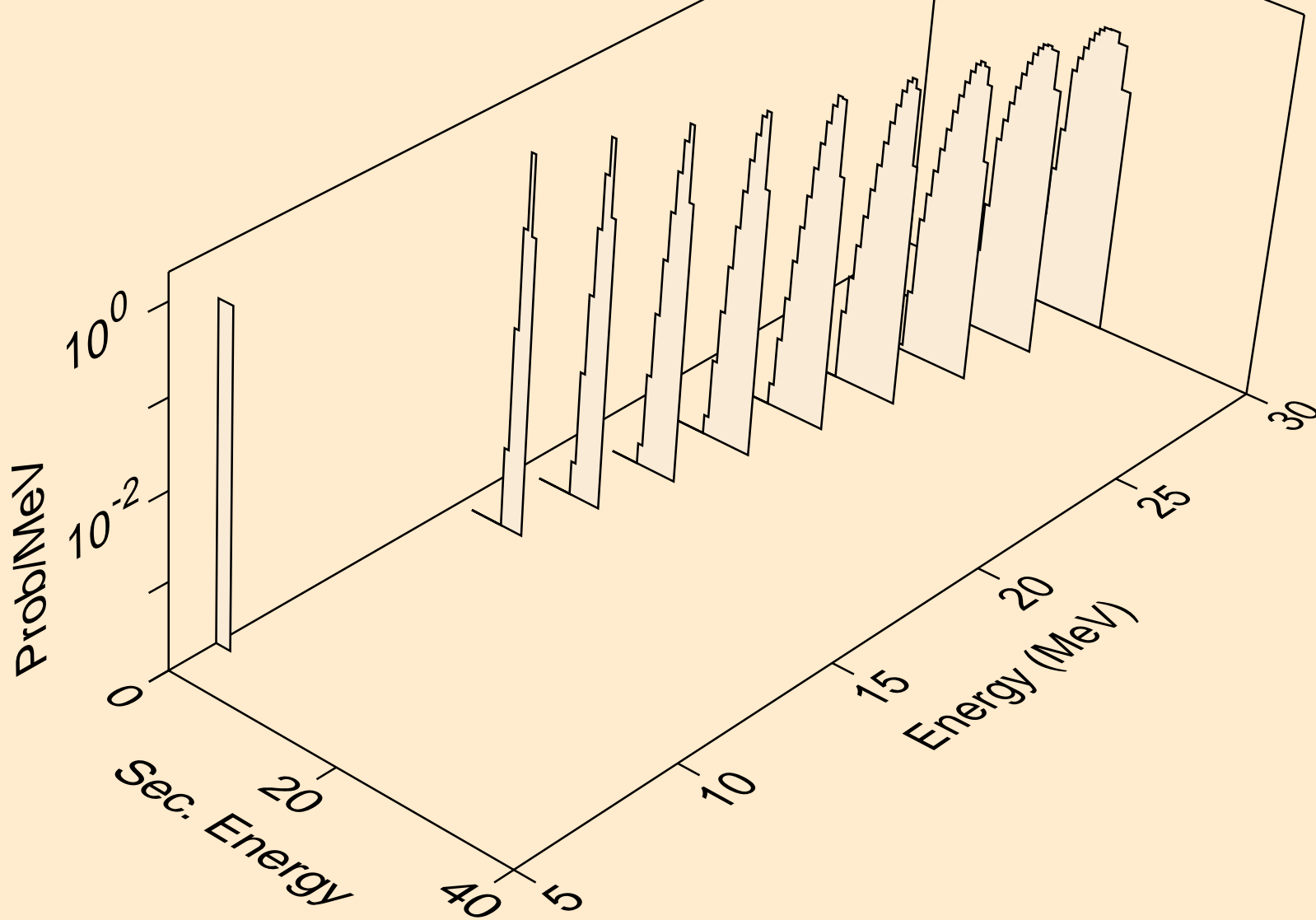
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,x)



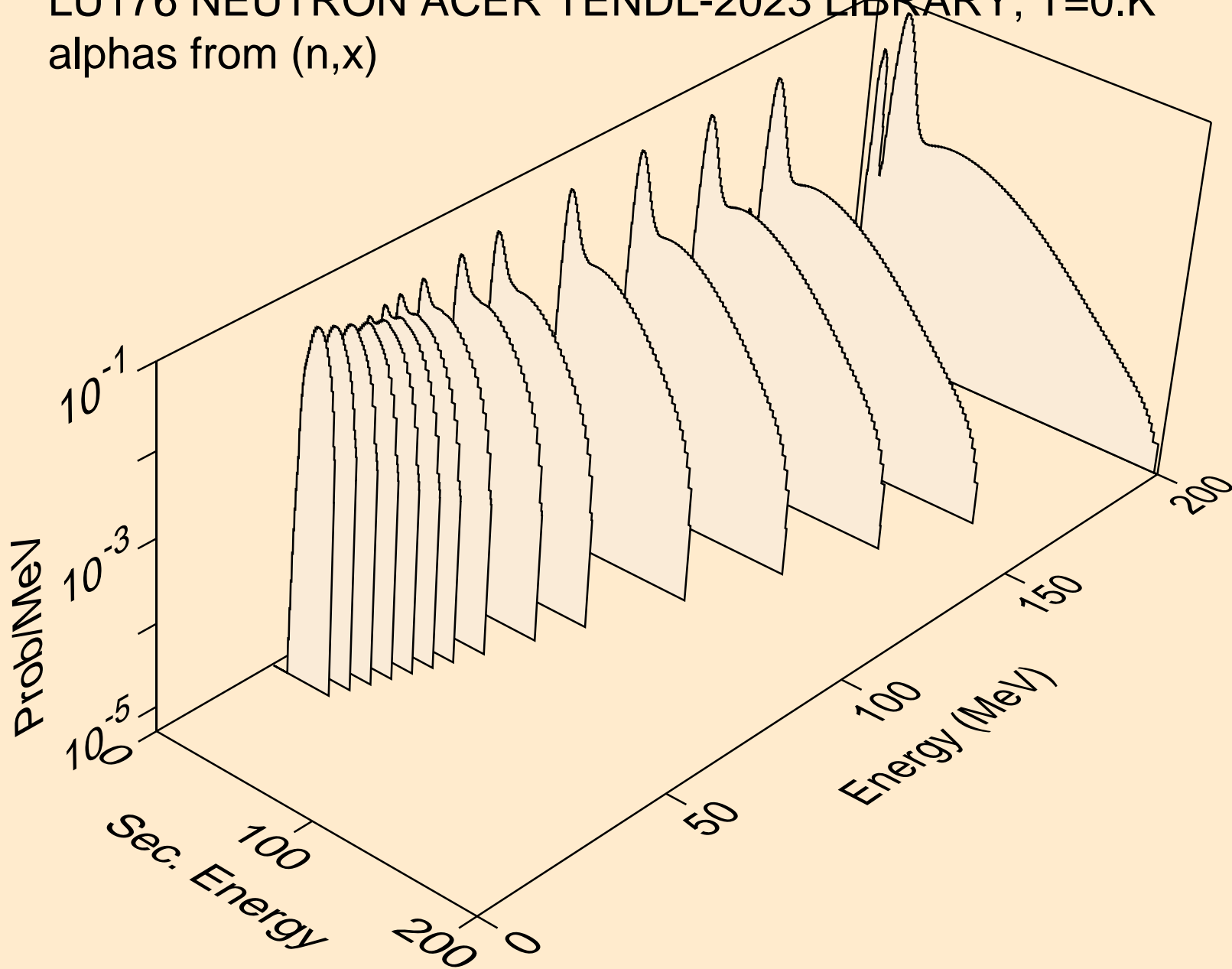
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,n\*)he3



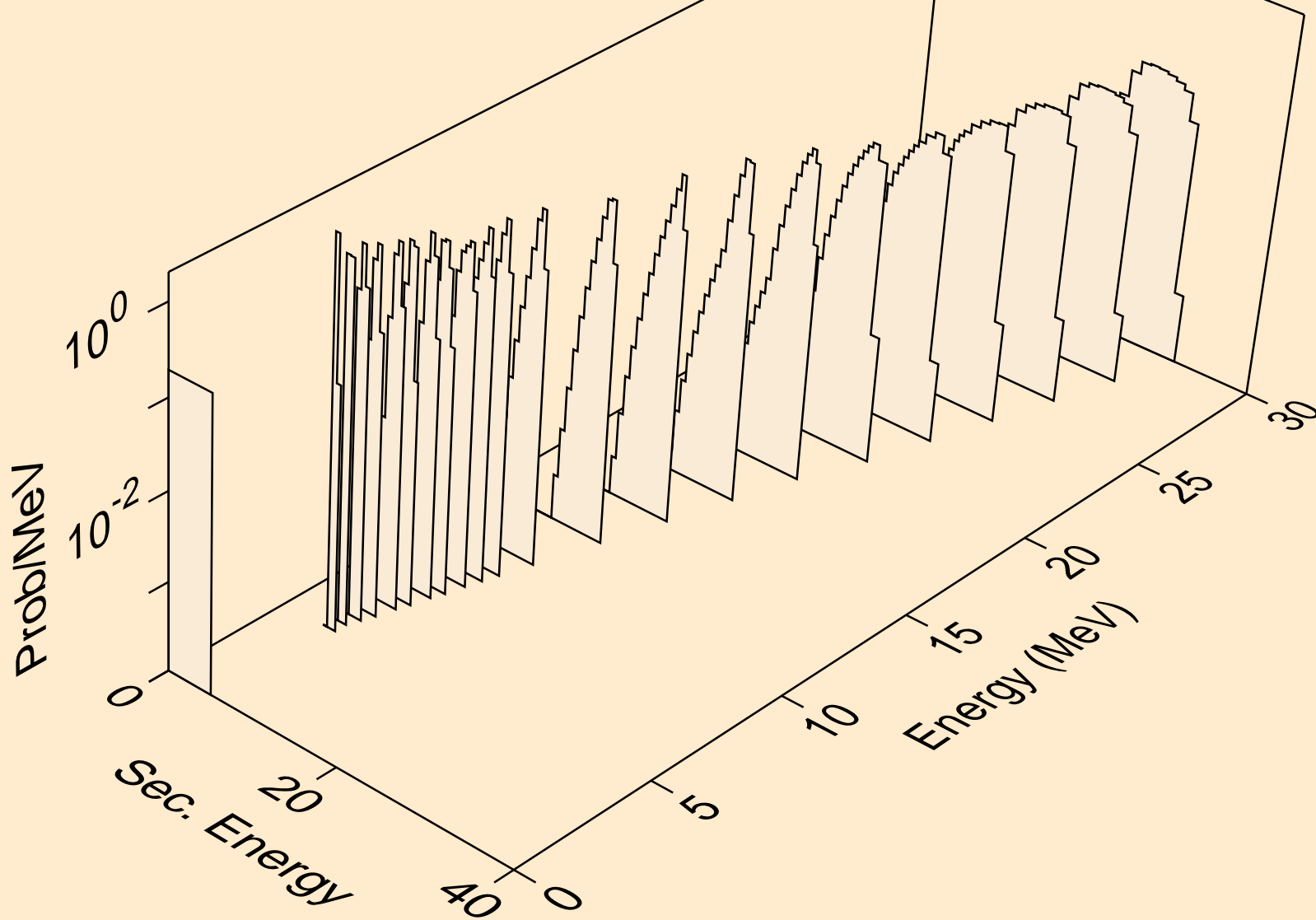
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,he3)



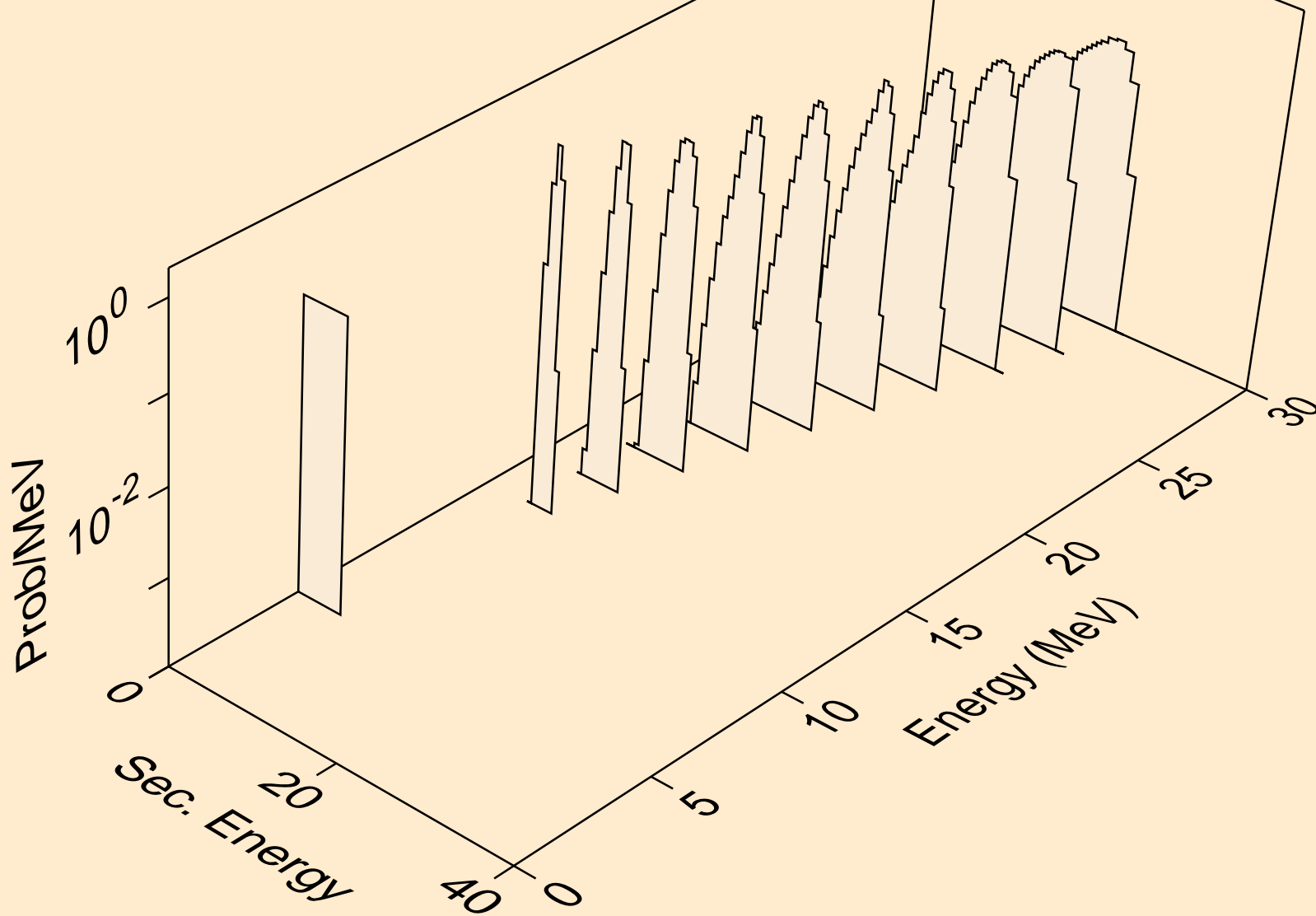
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a

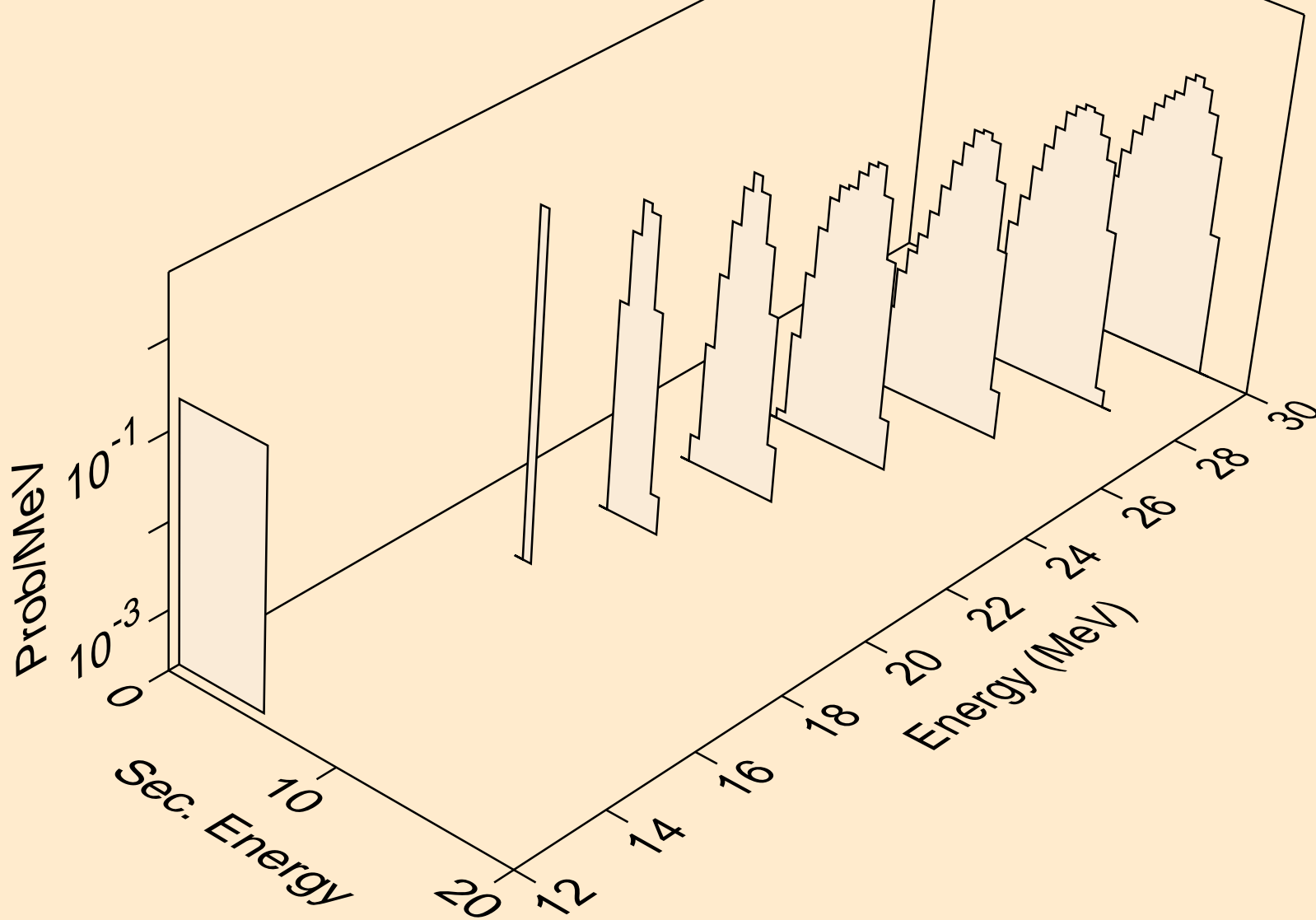


LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a

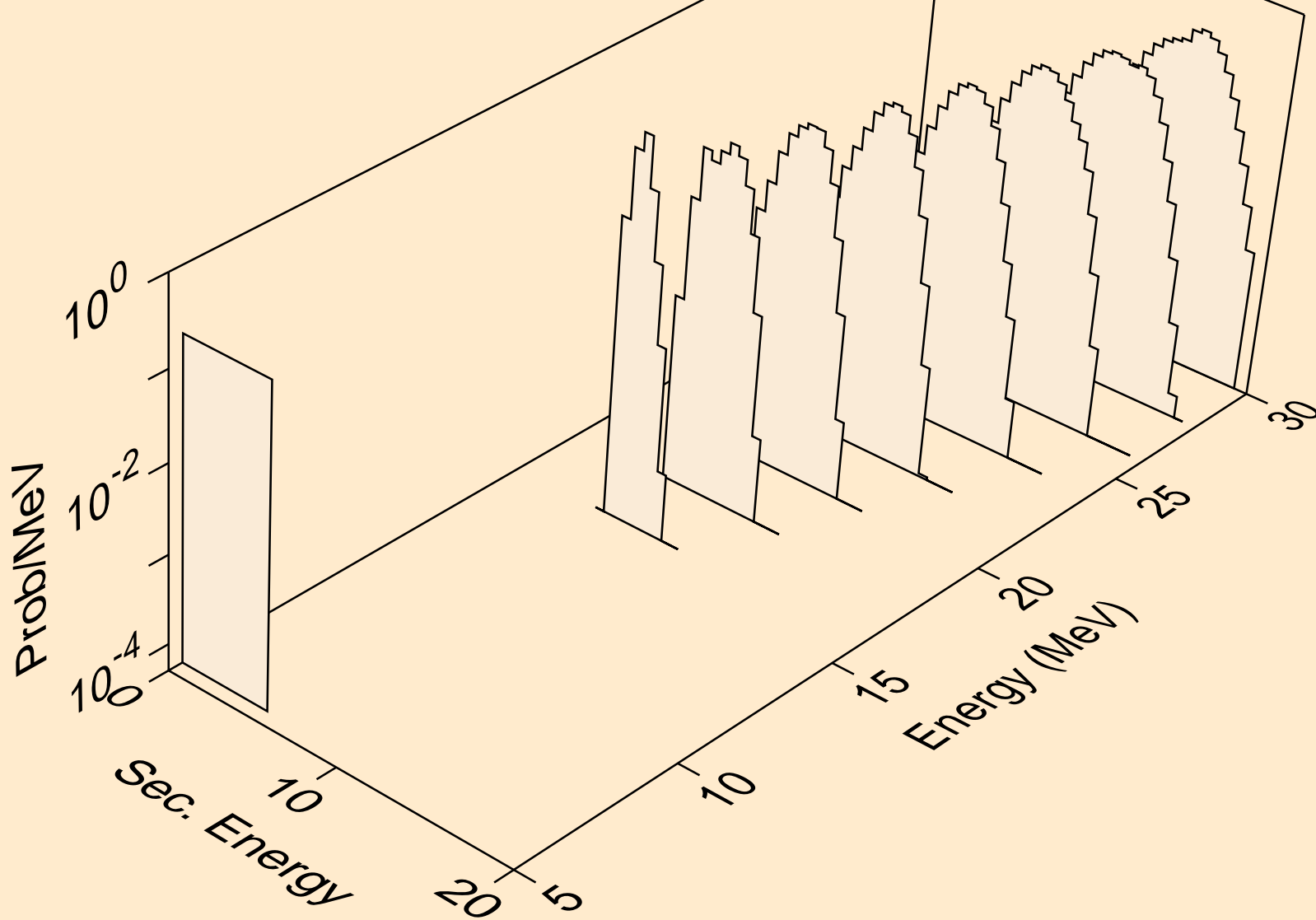




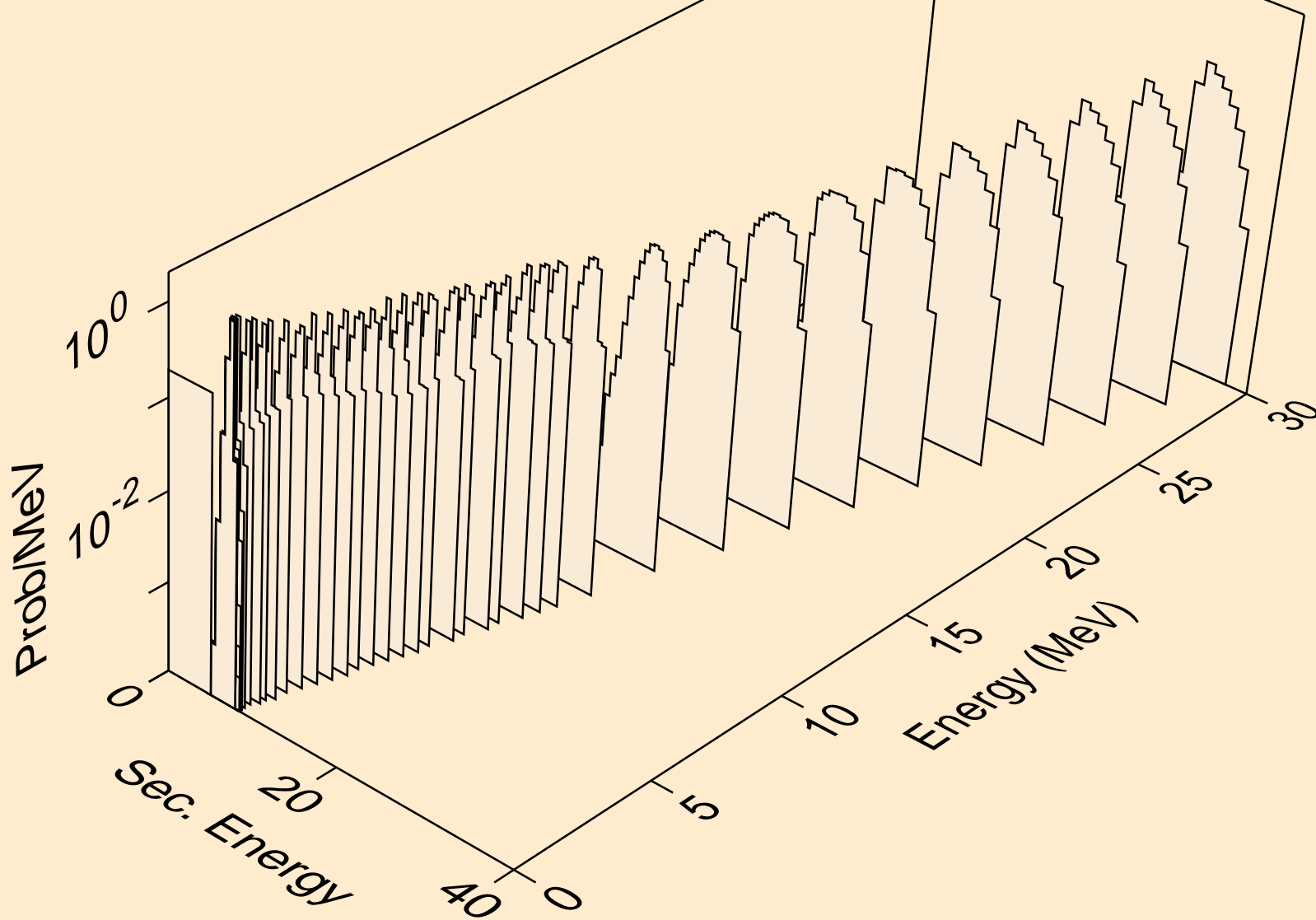
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3n)a



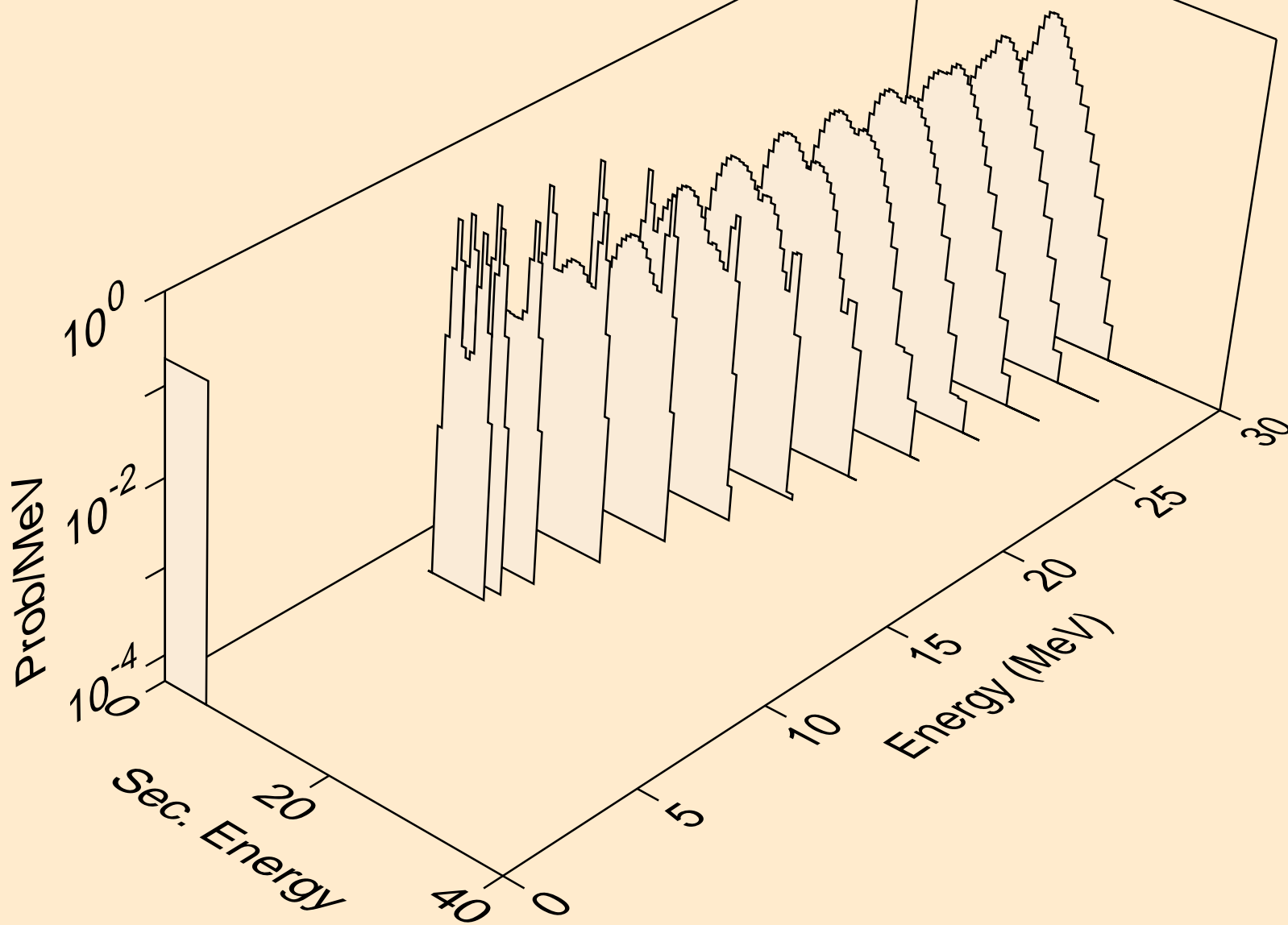
LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,npa)



LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)



LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2a)



LU176 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)

