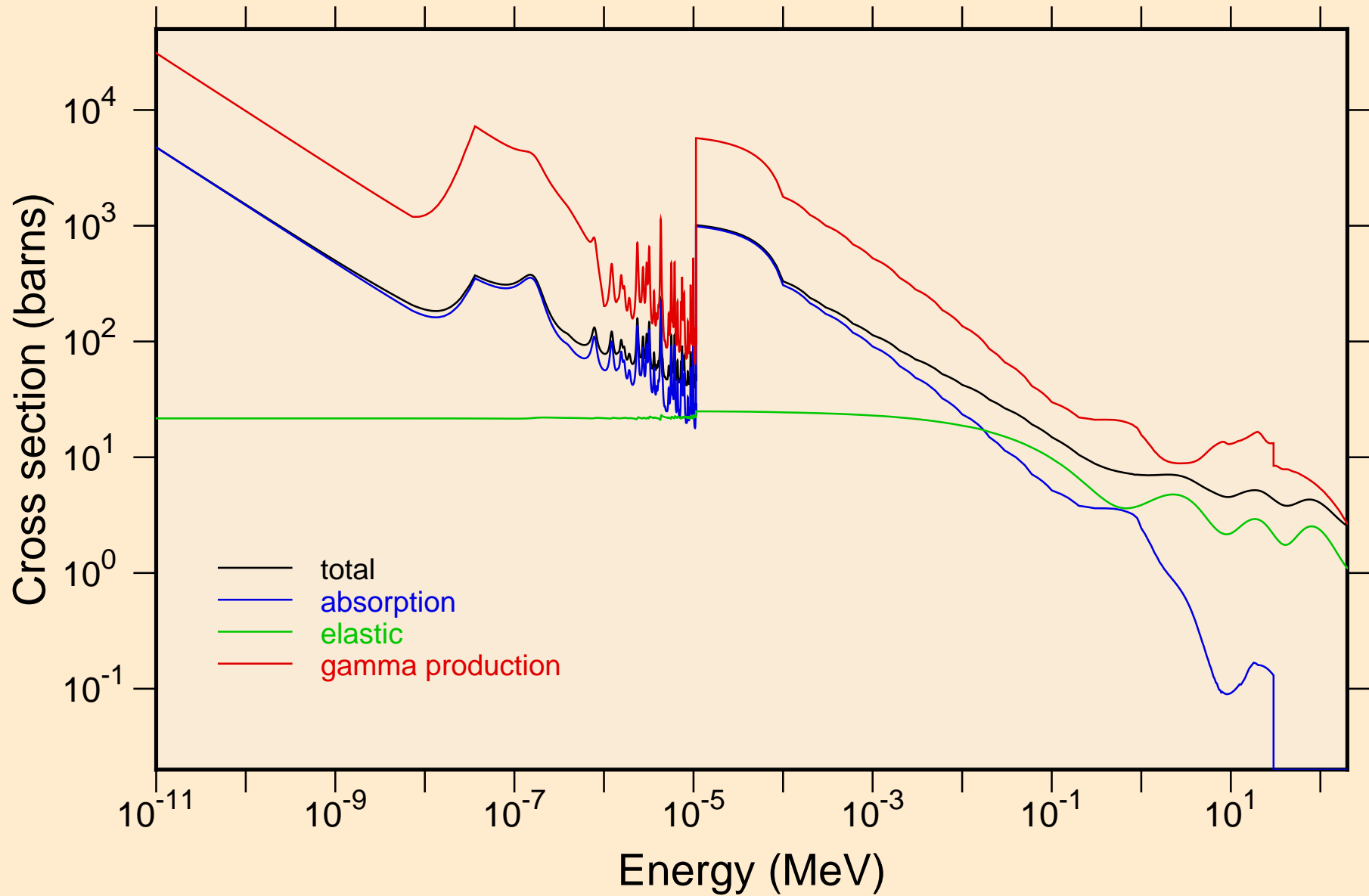
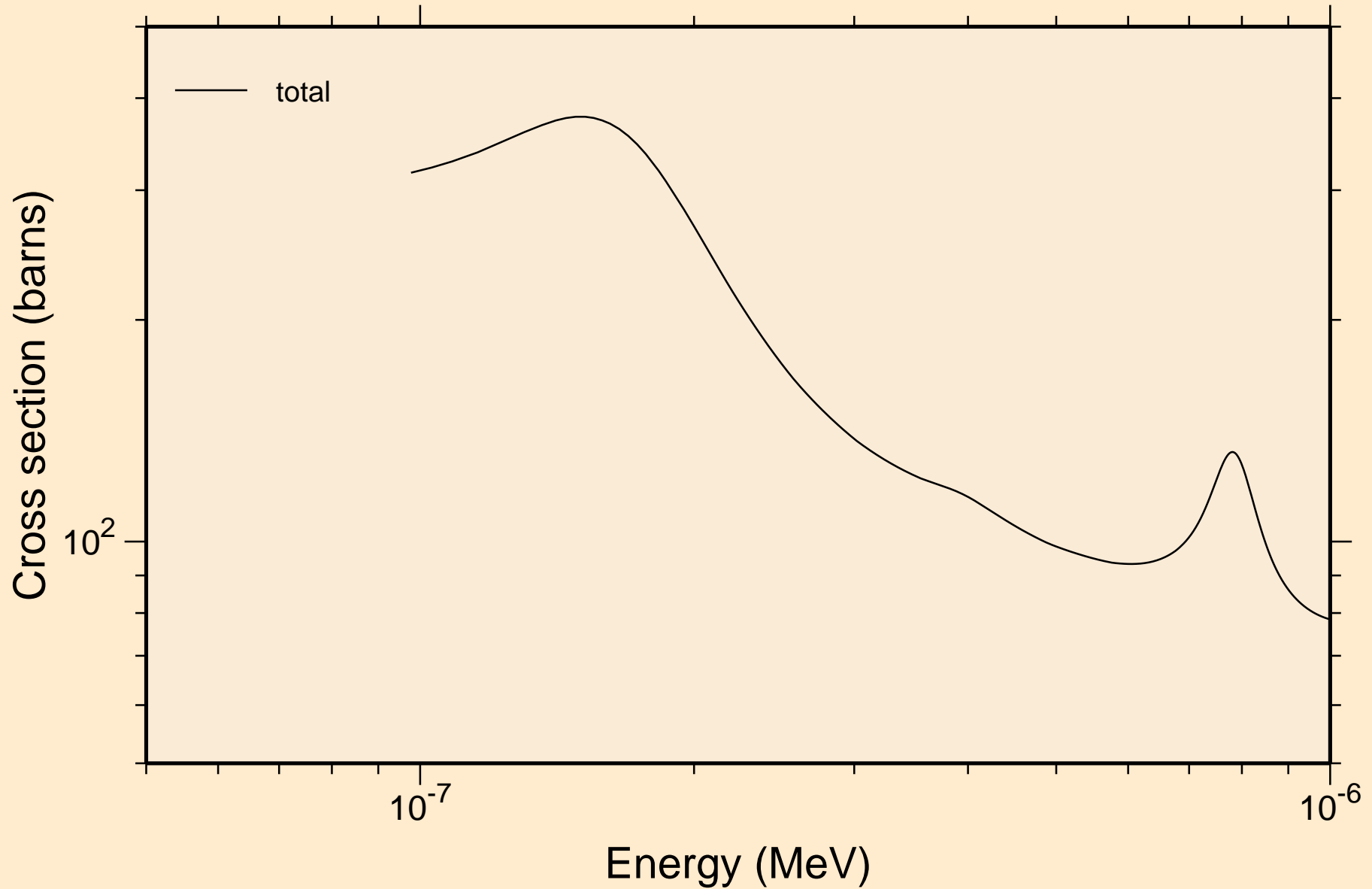


# LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

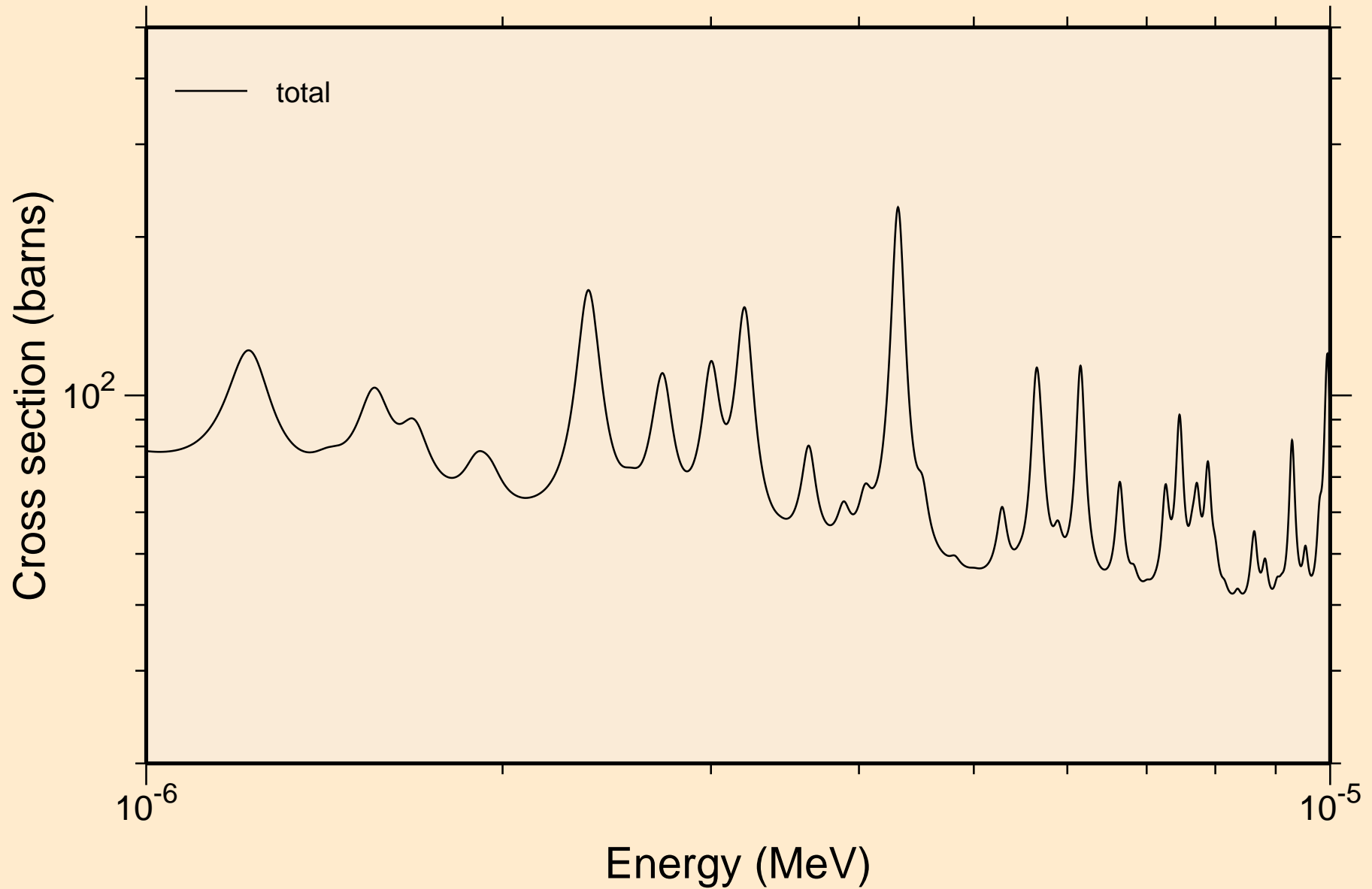
## Principal cross sections



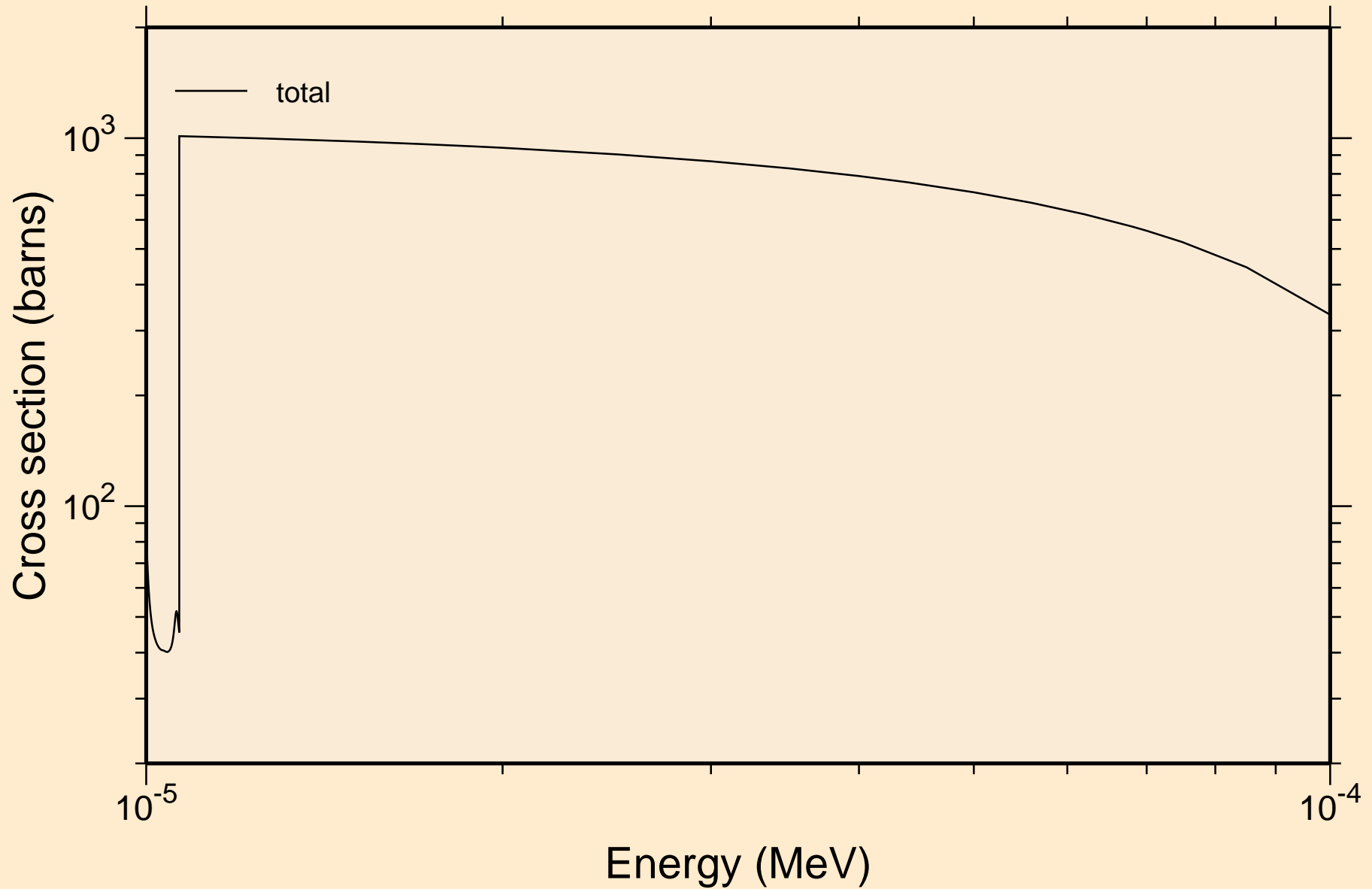
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



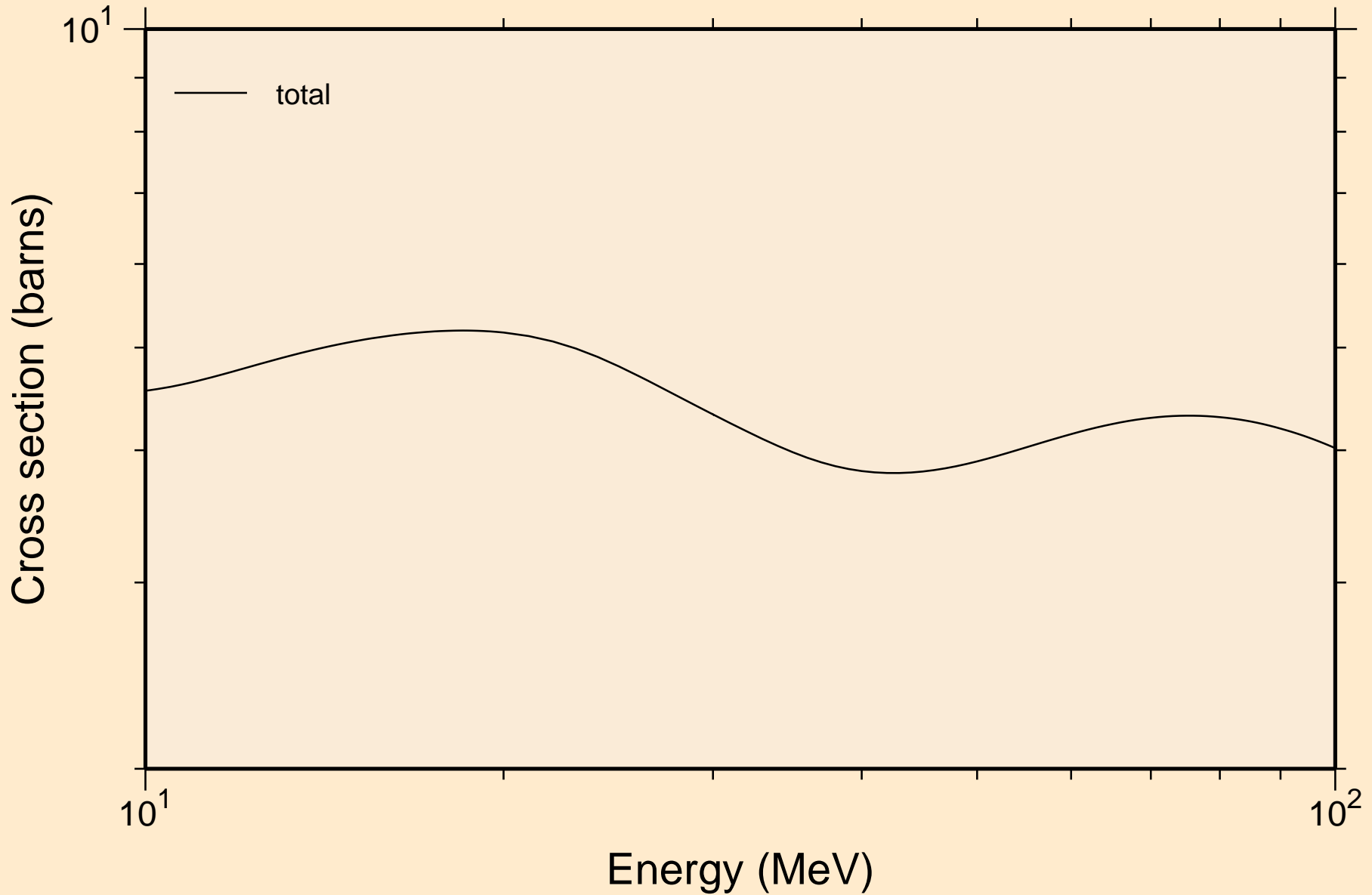
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



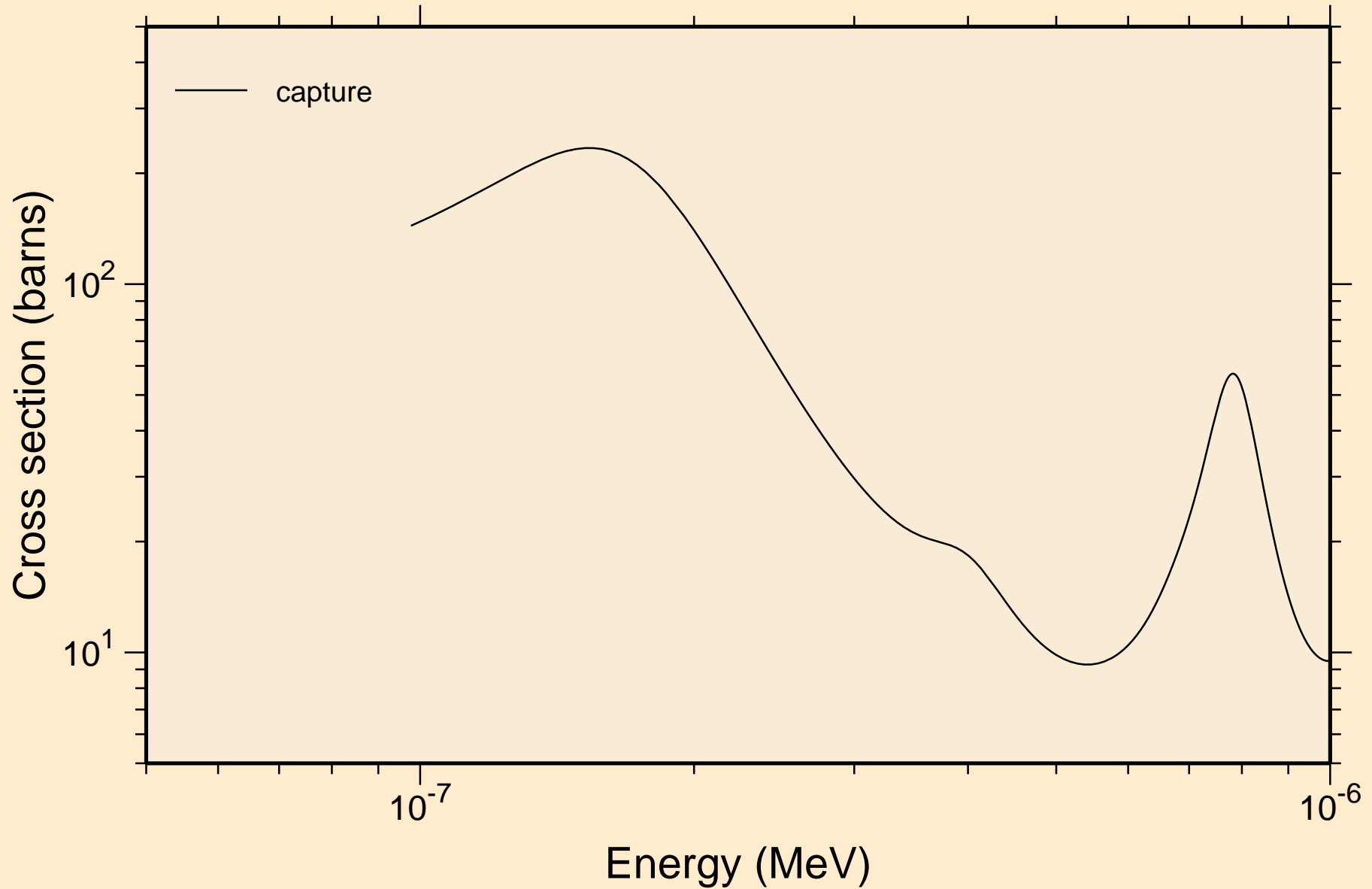
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



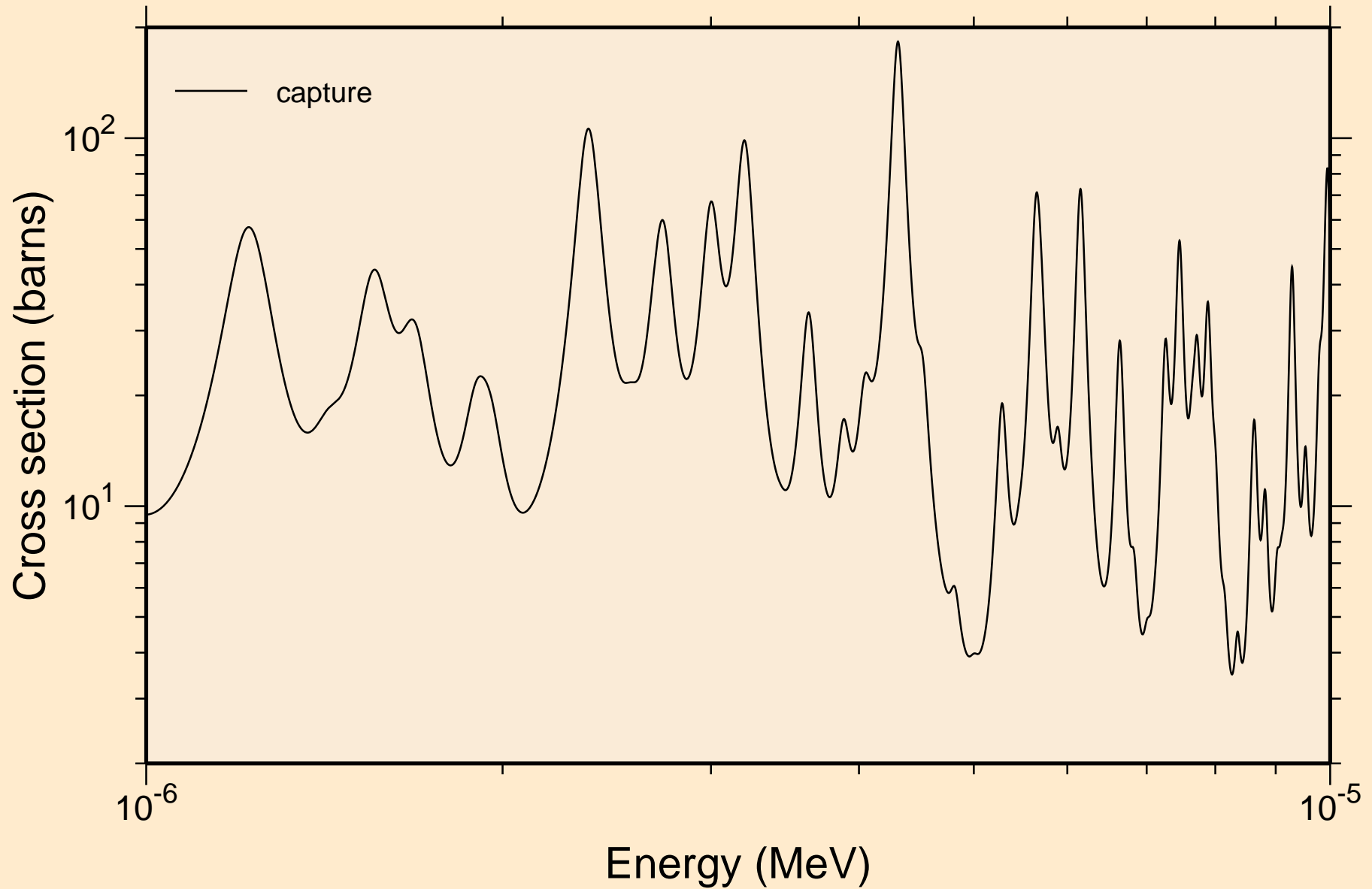
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



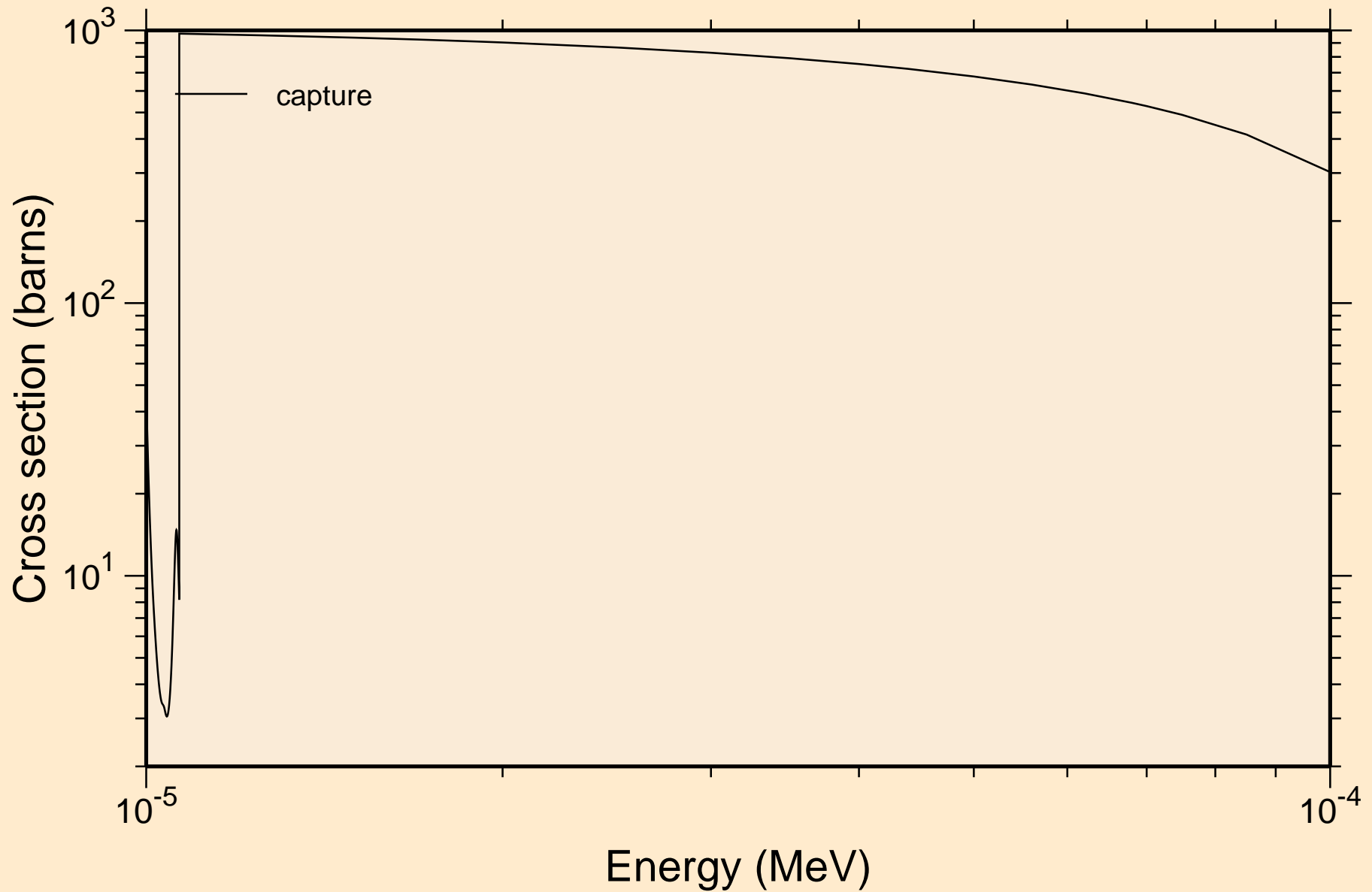
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

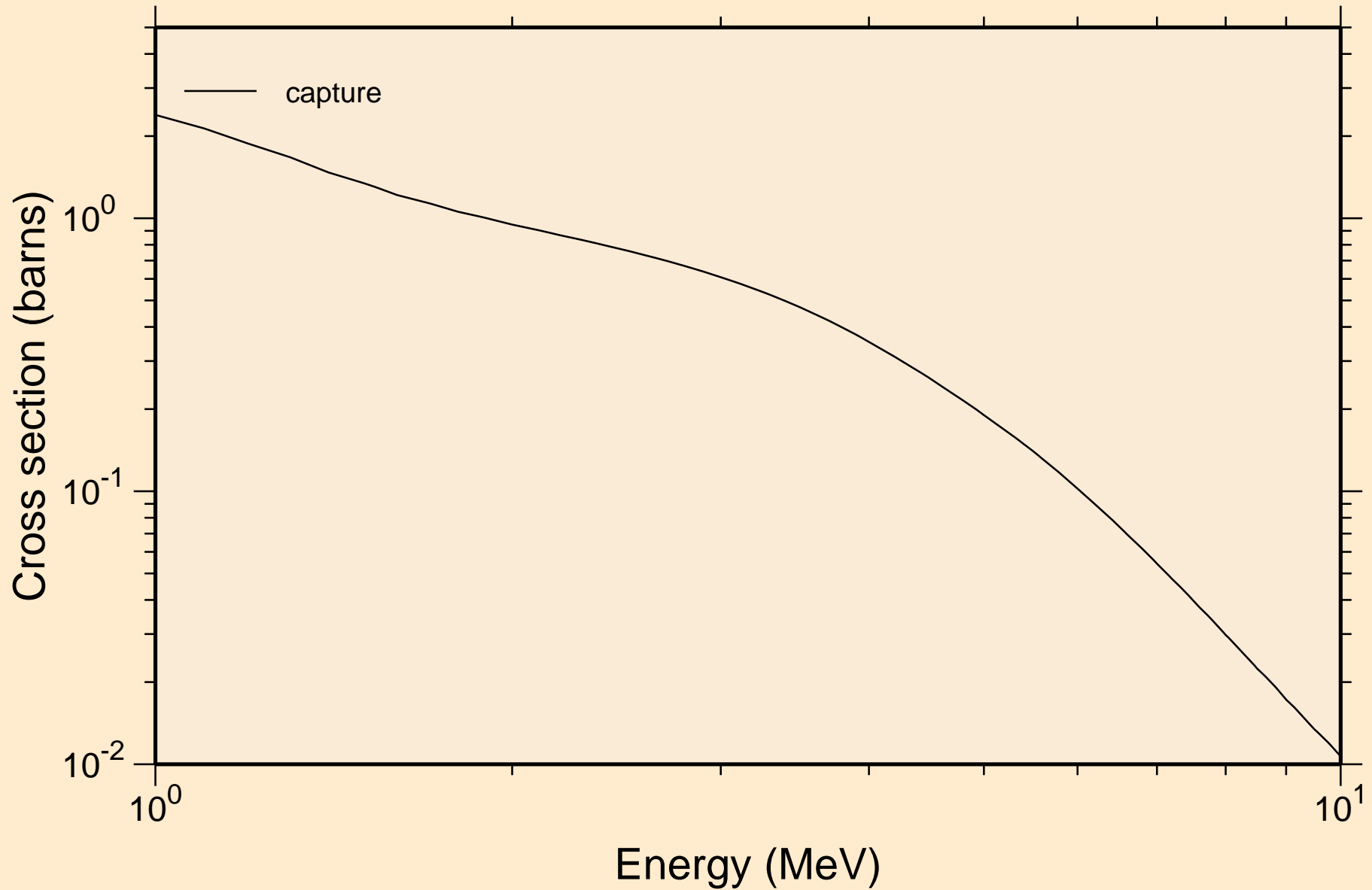


LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

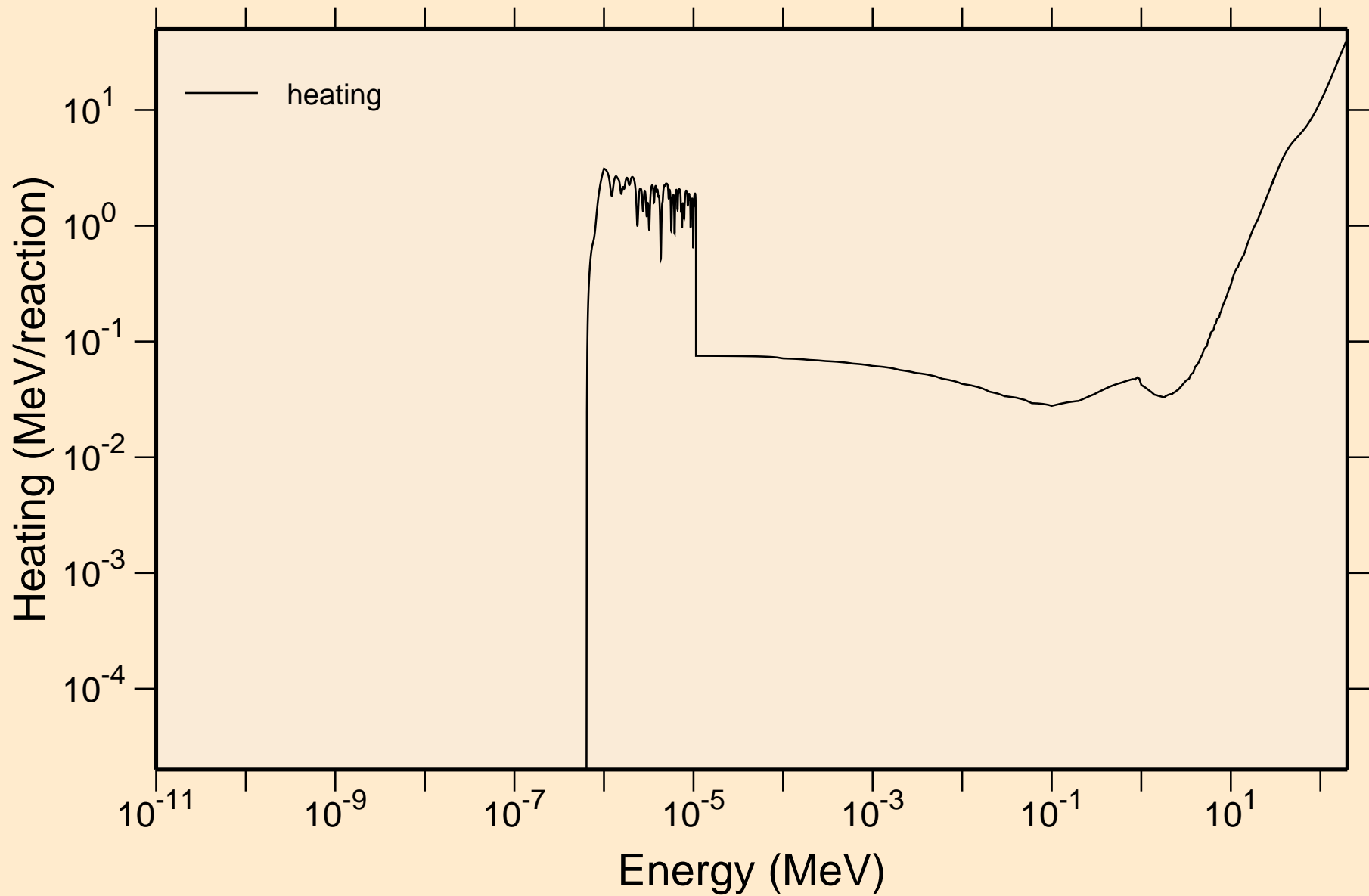




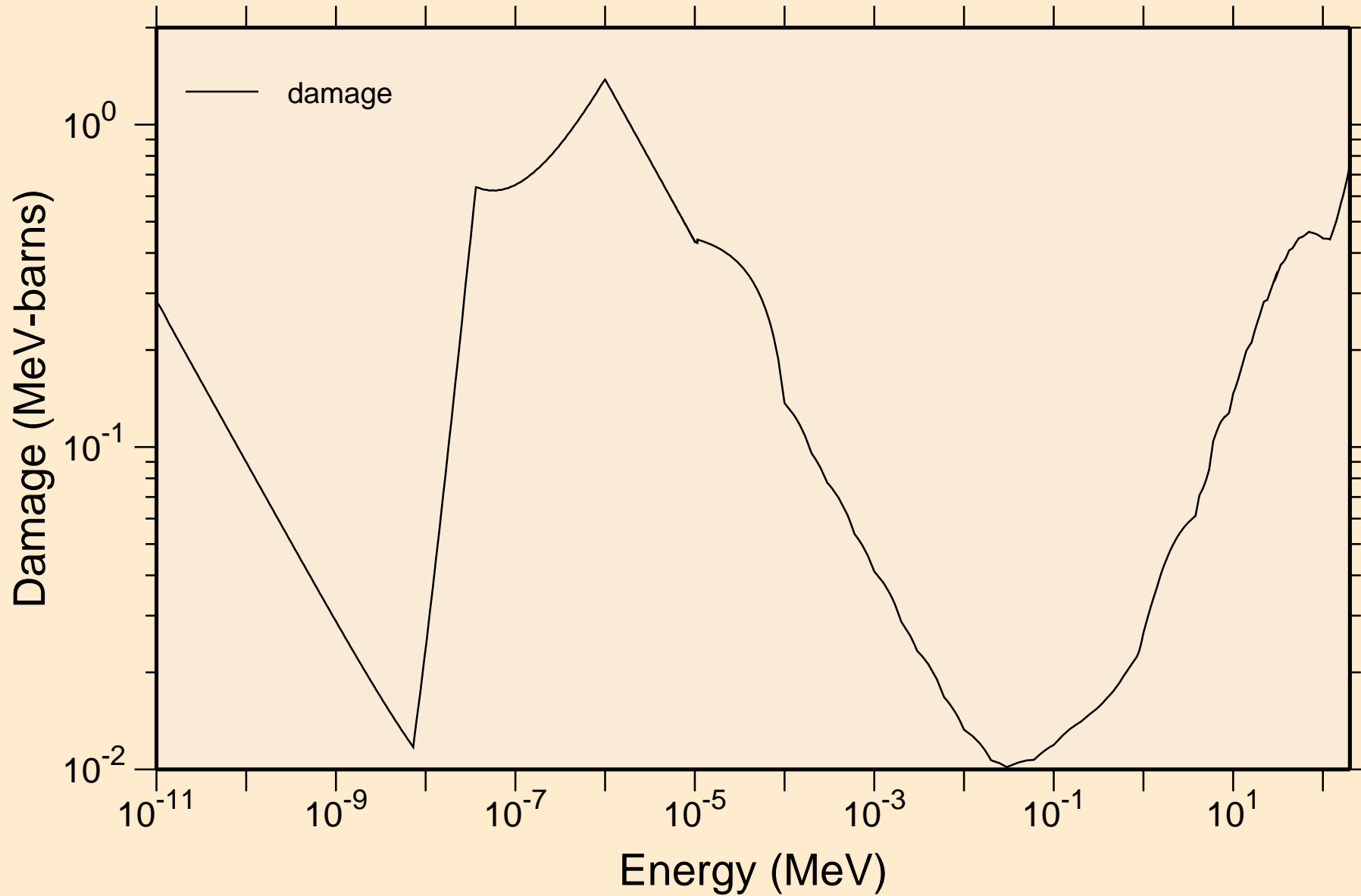
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



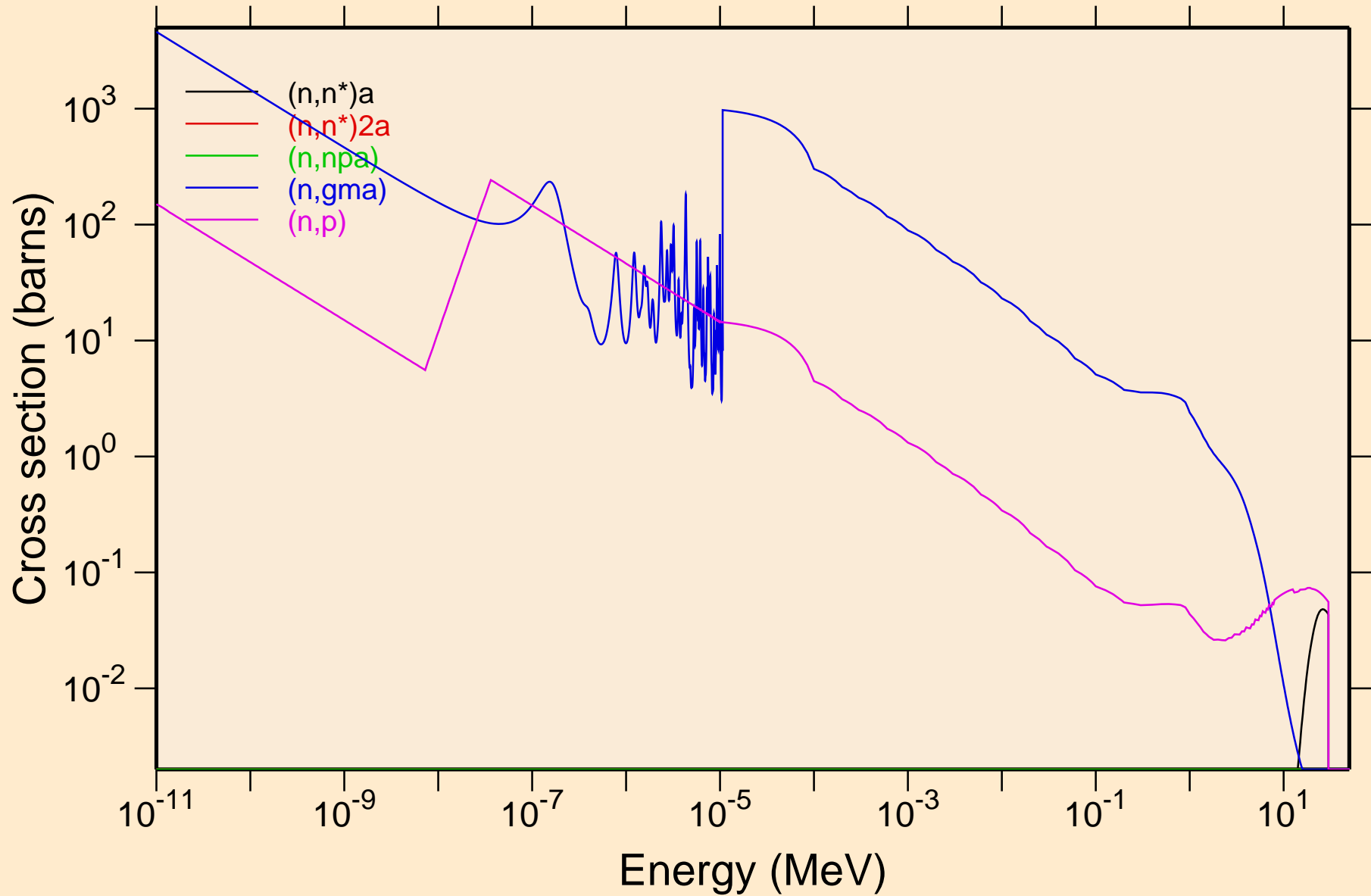
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Heating



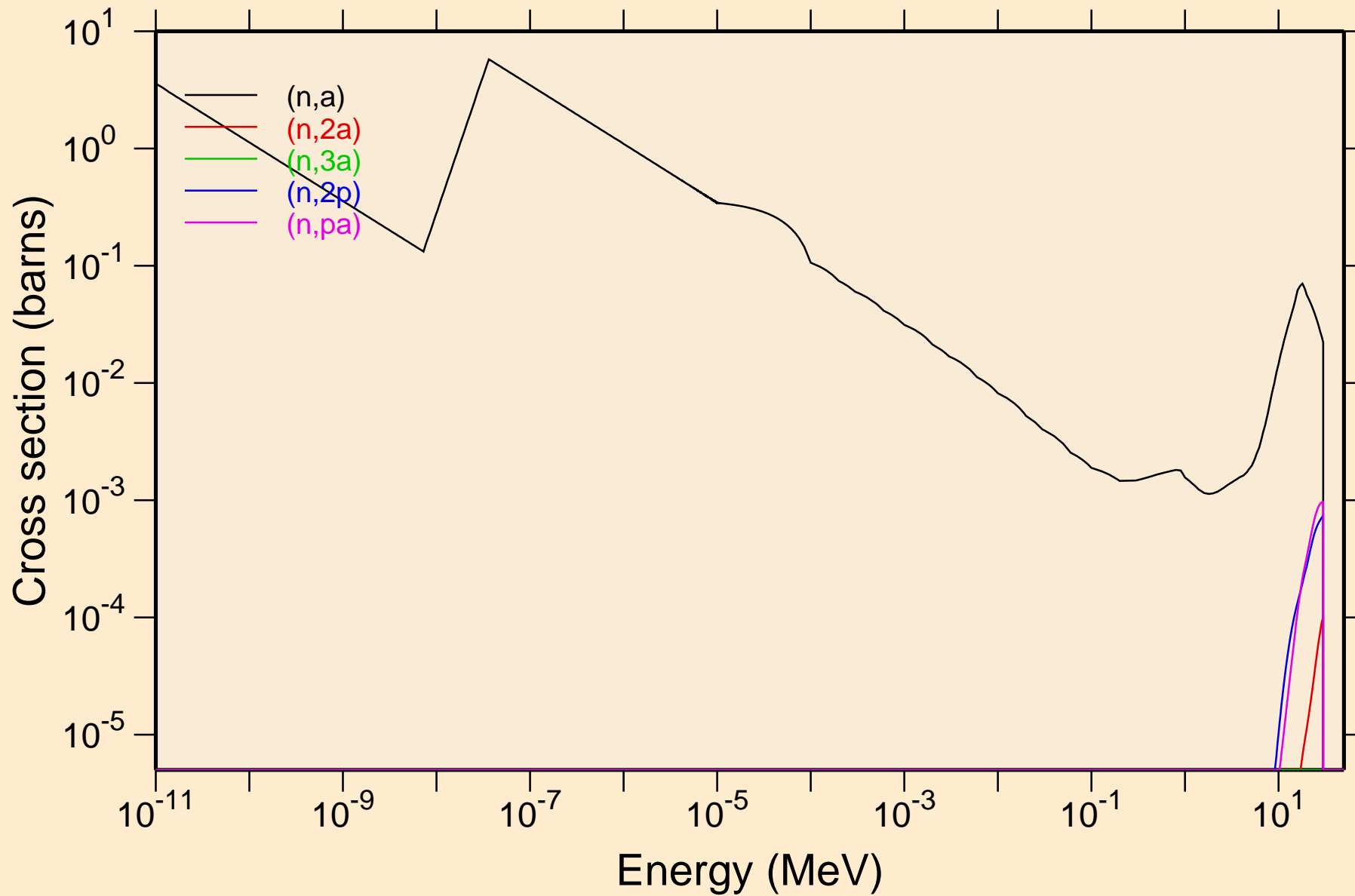
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



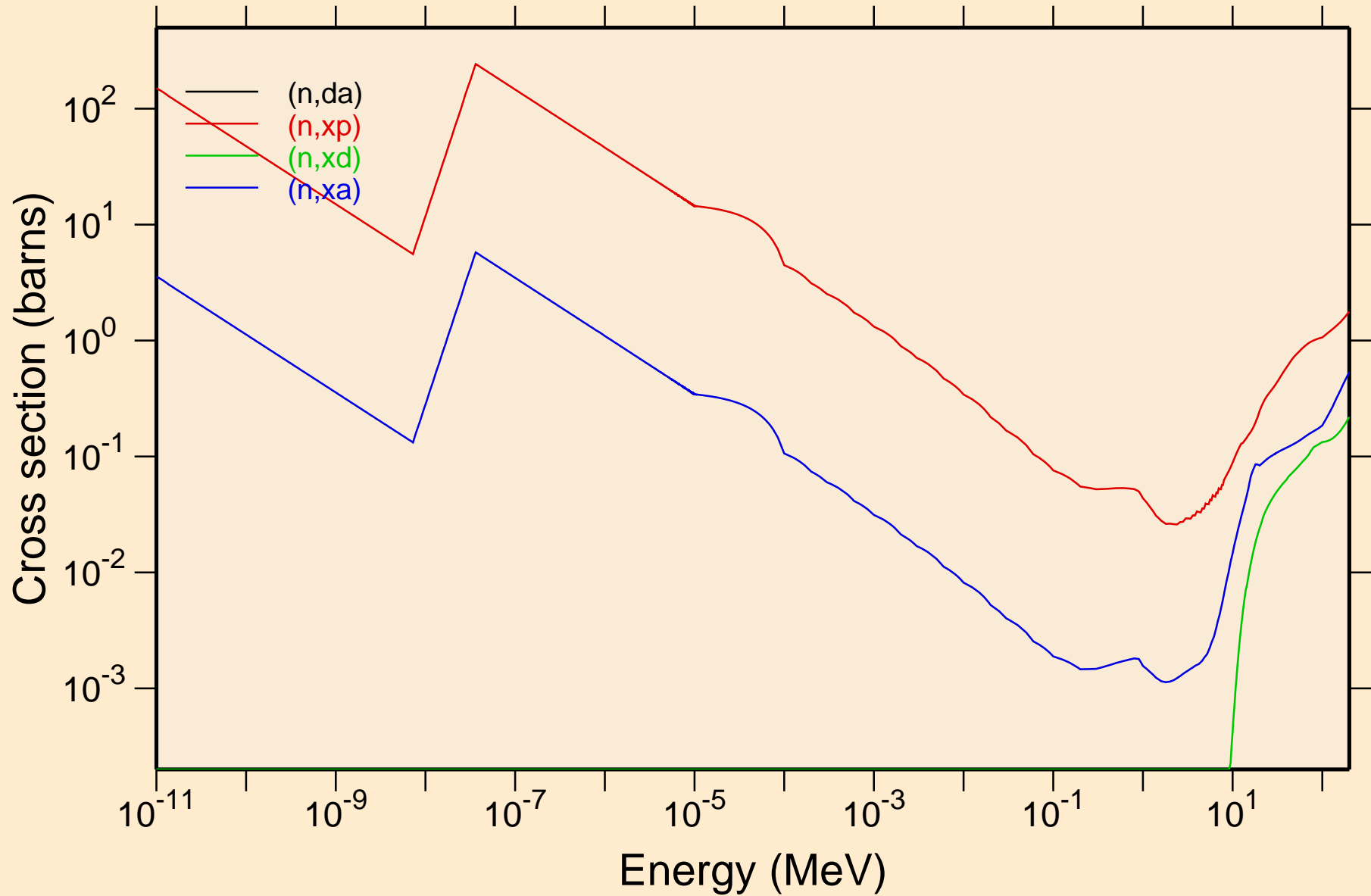
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

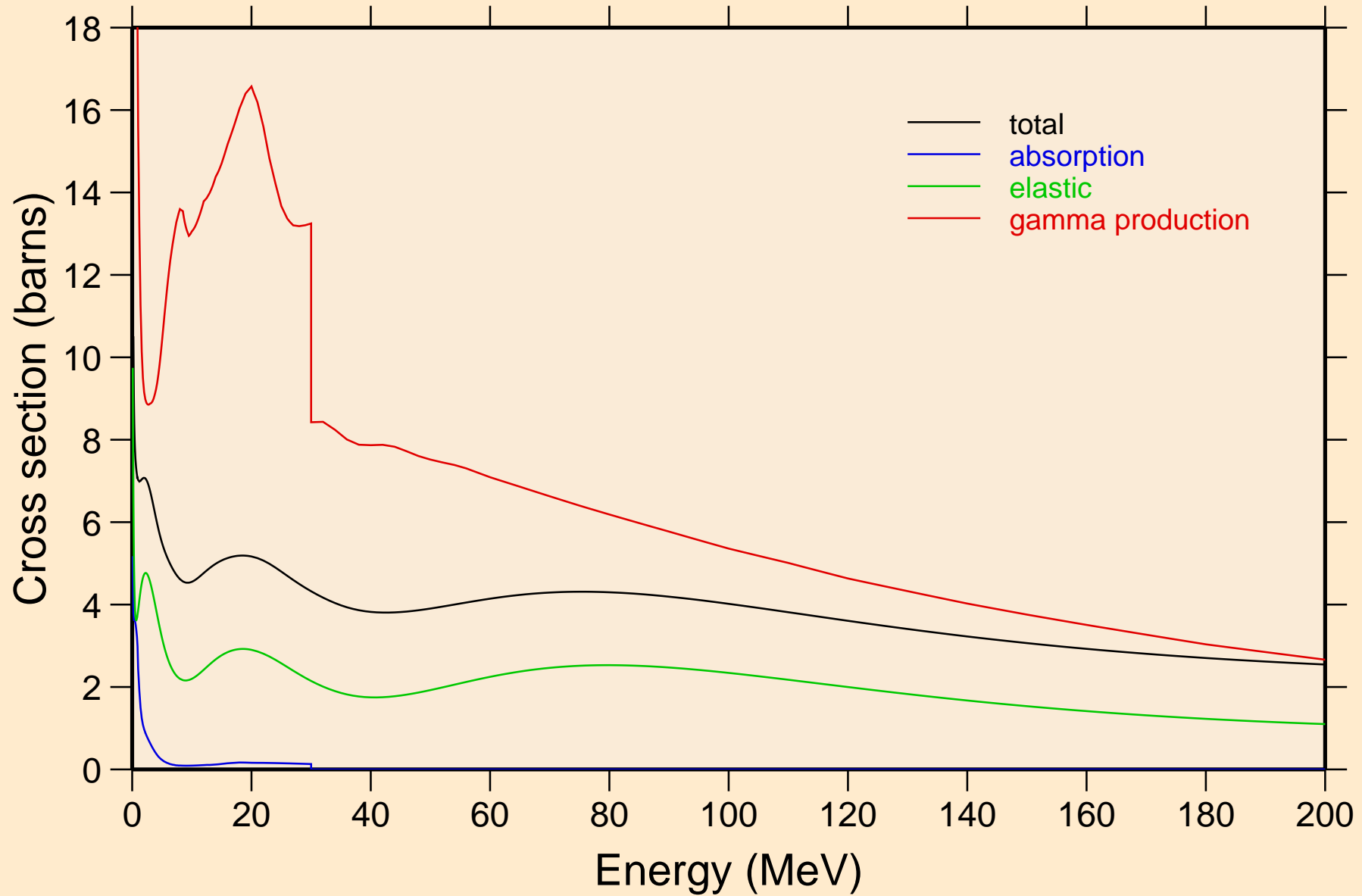


LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



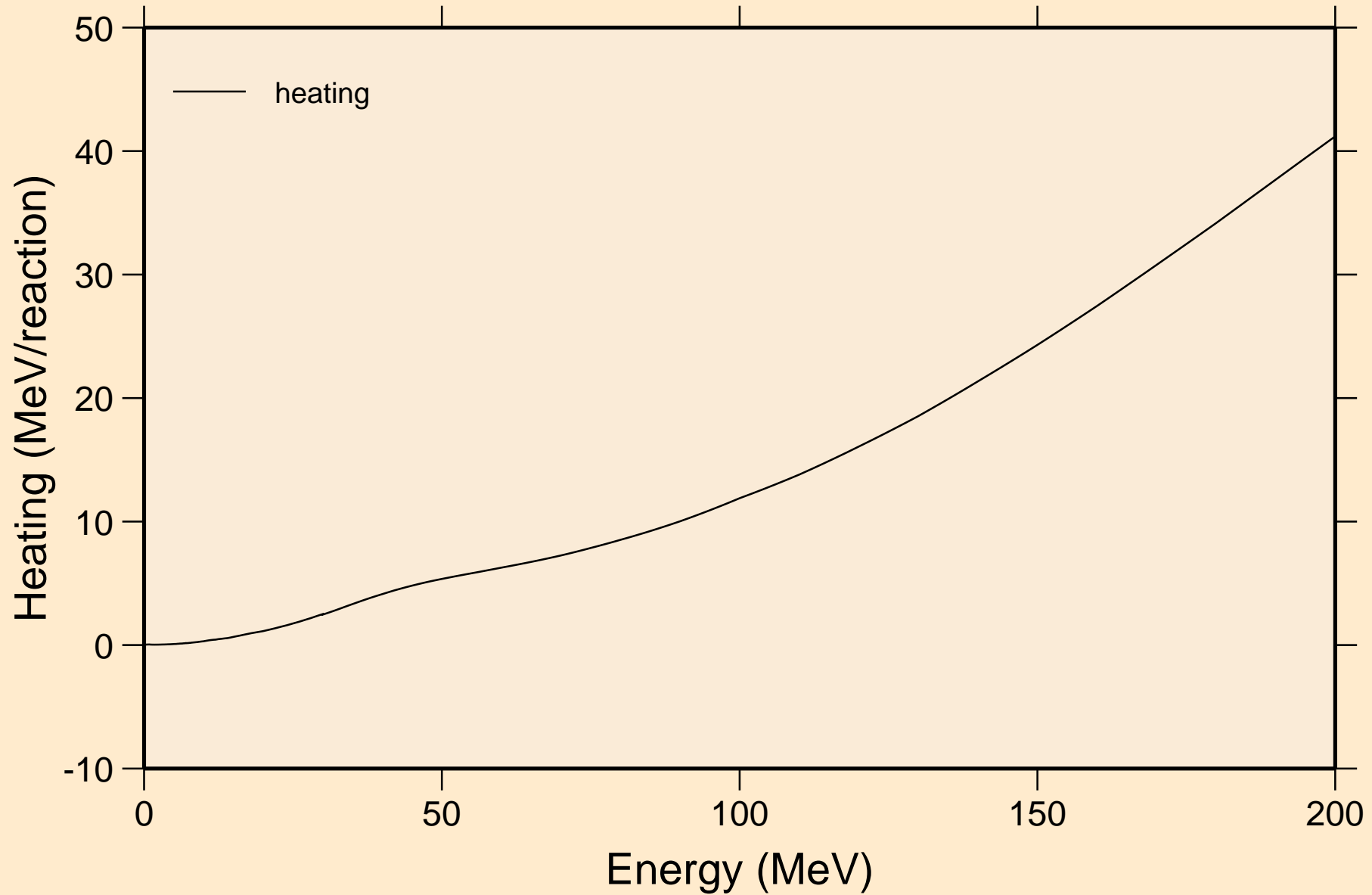
# LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



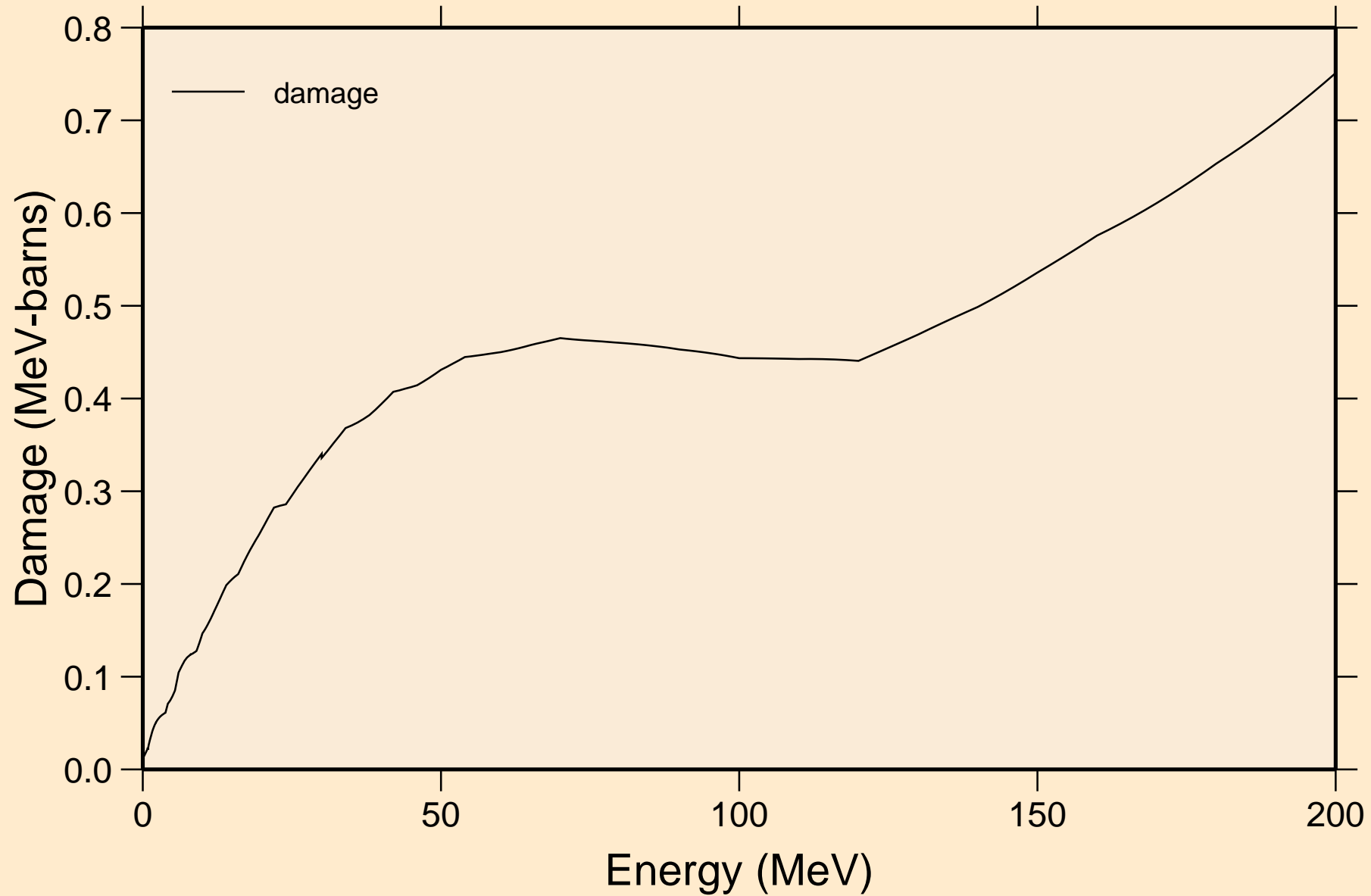
# LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating

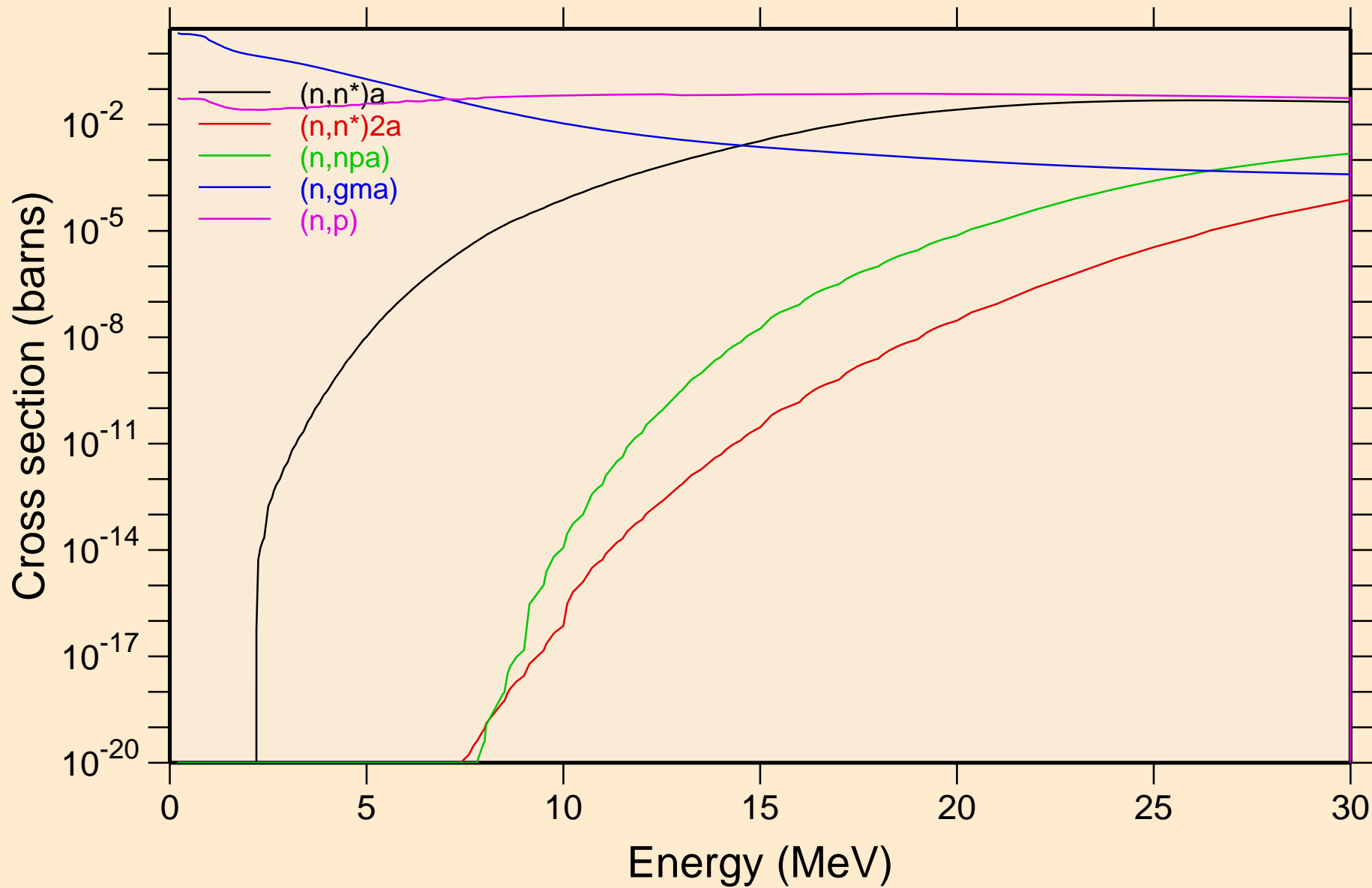




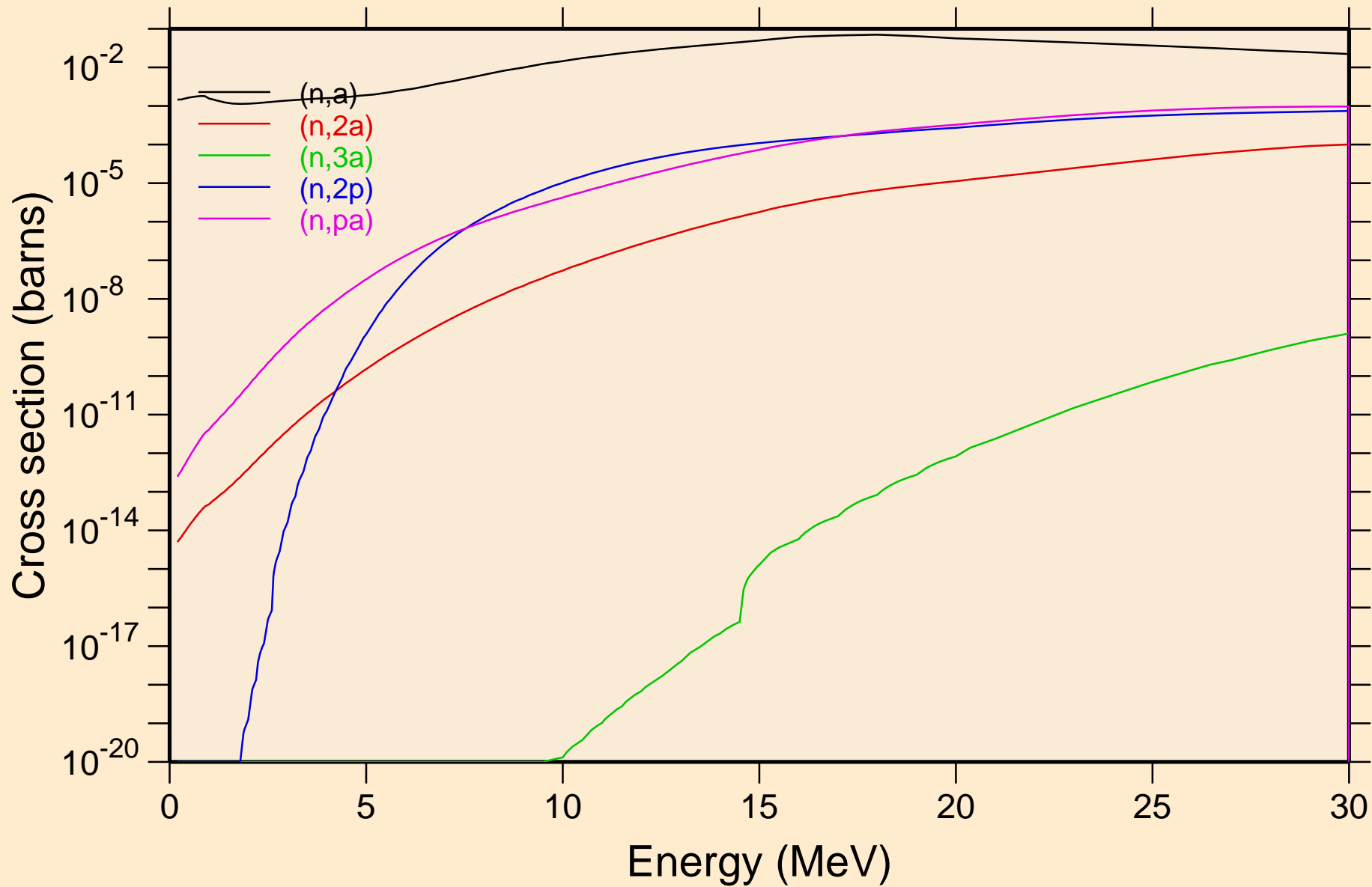
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

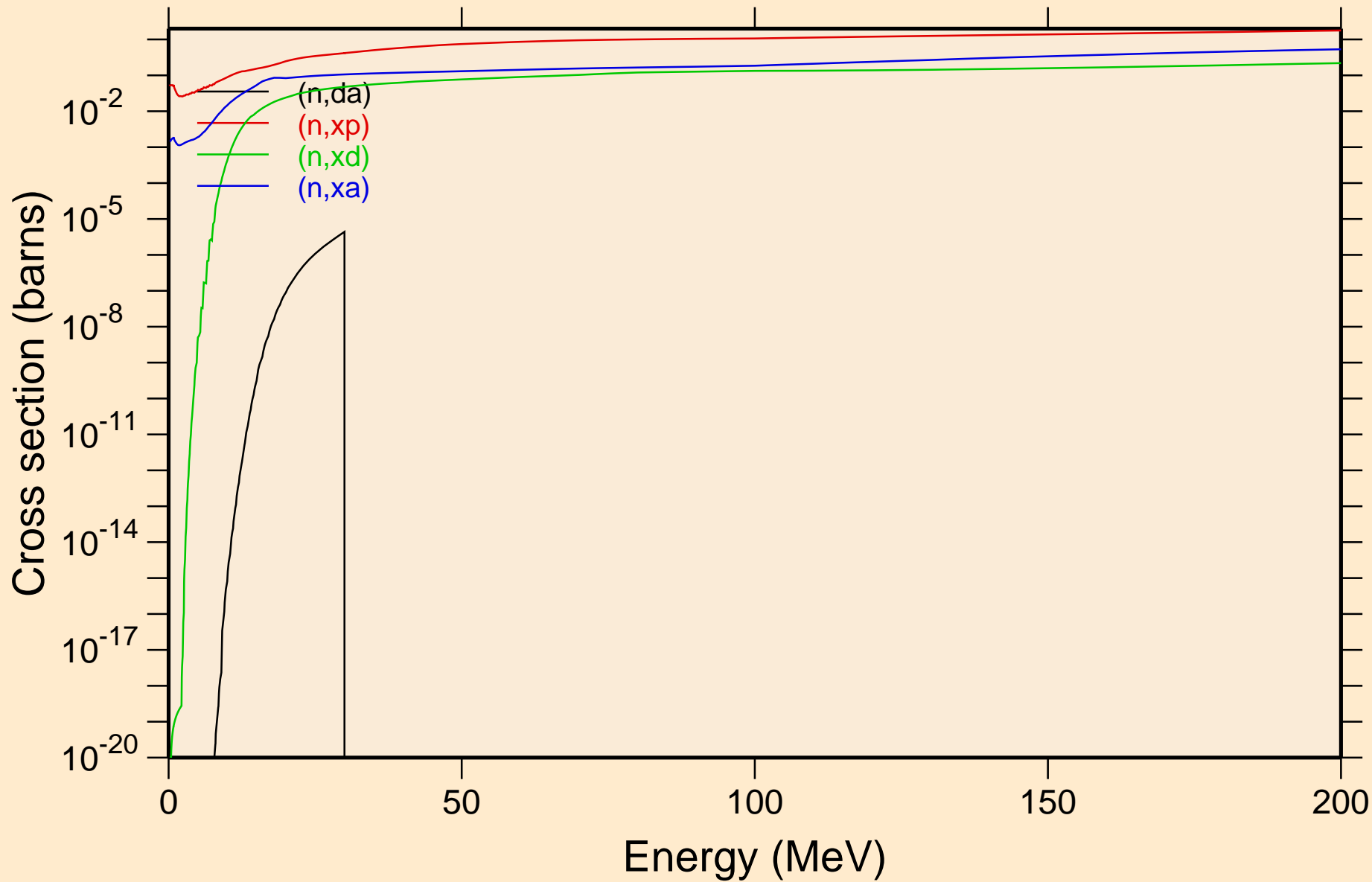


LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

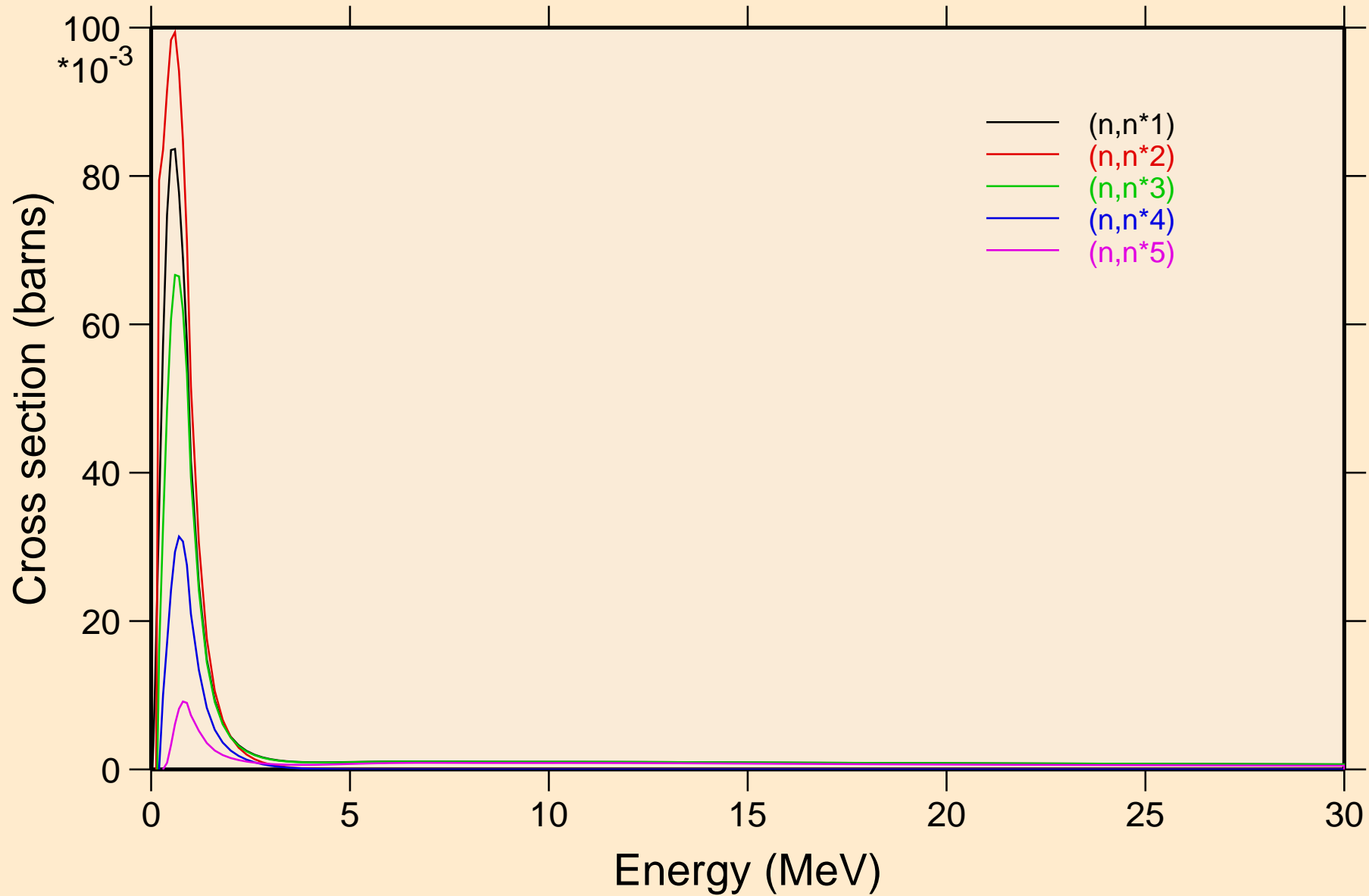


# LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

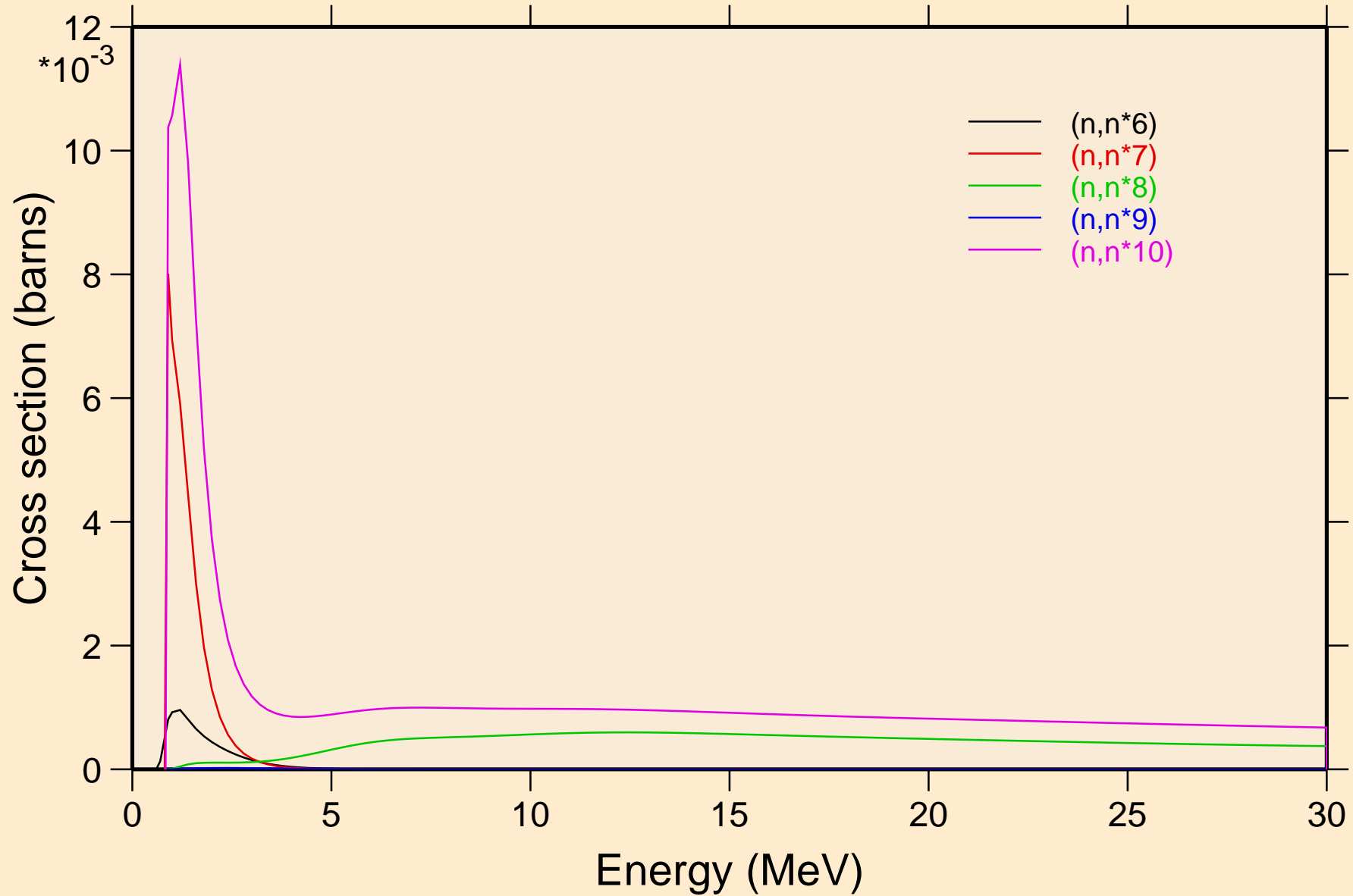
## Non-threshold reactions



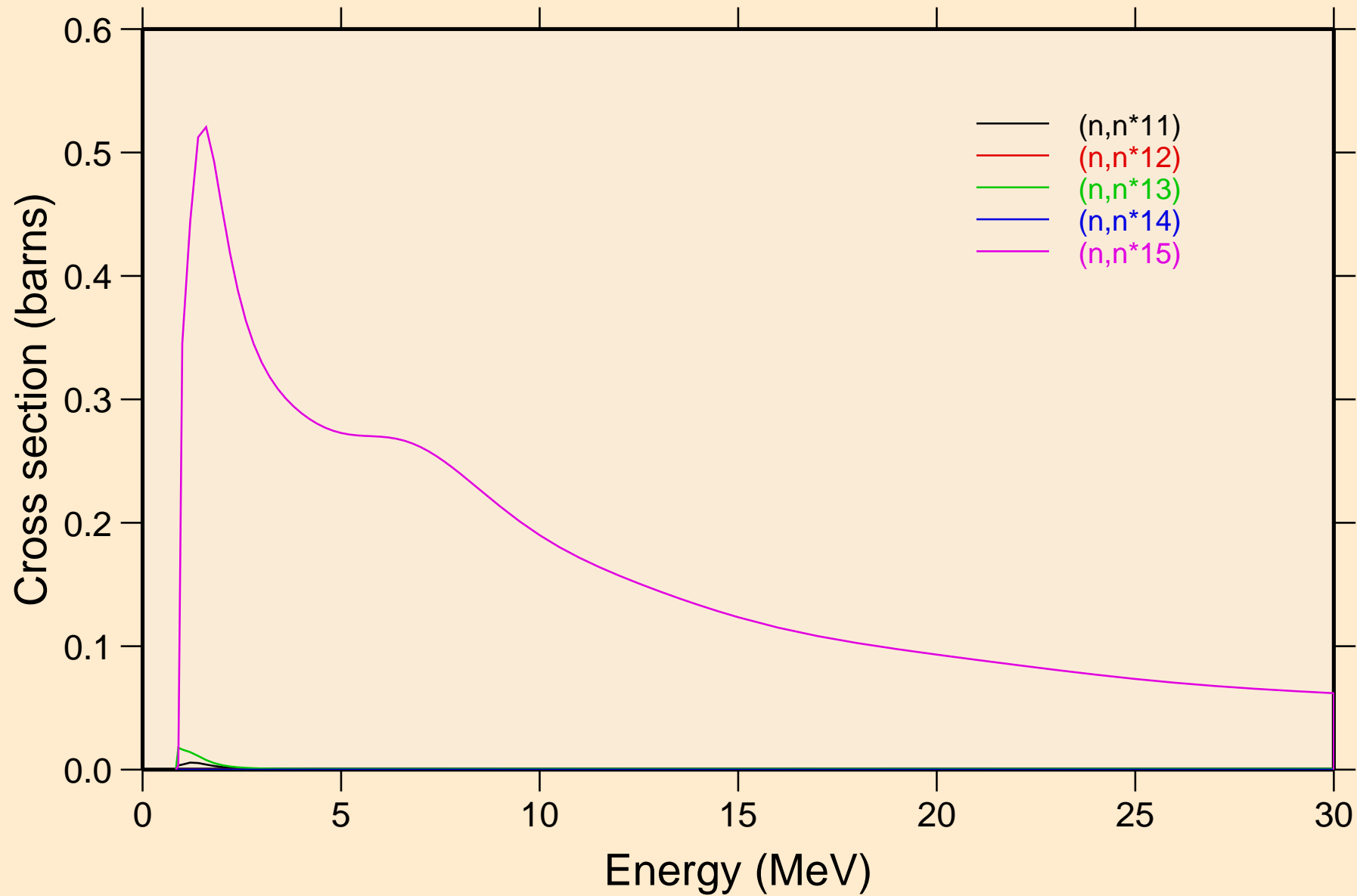
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



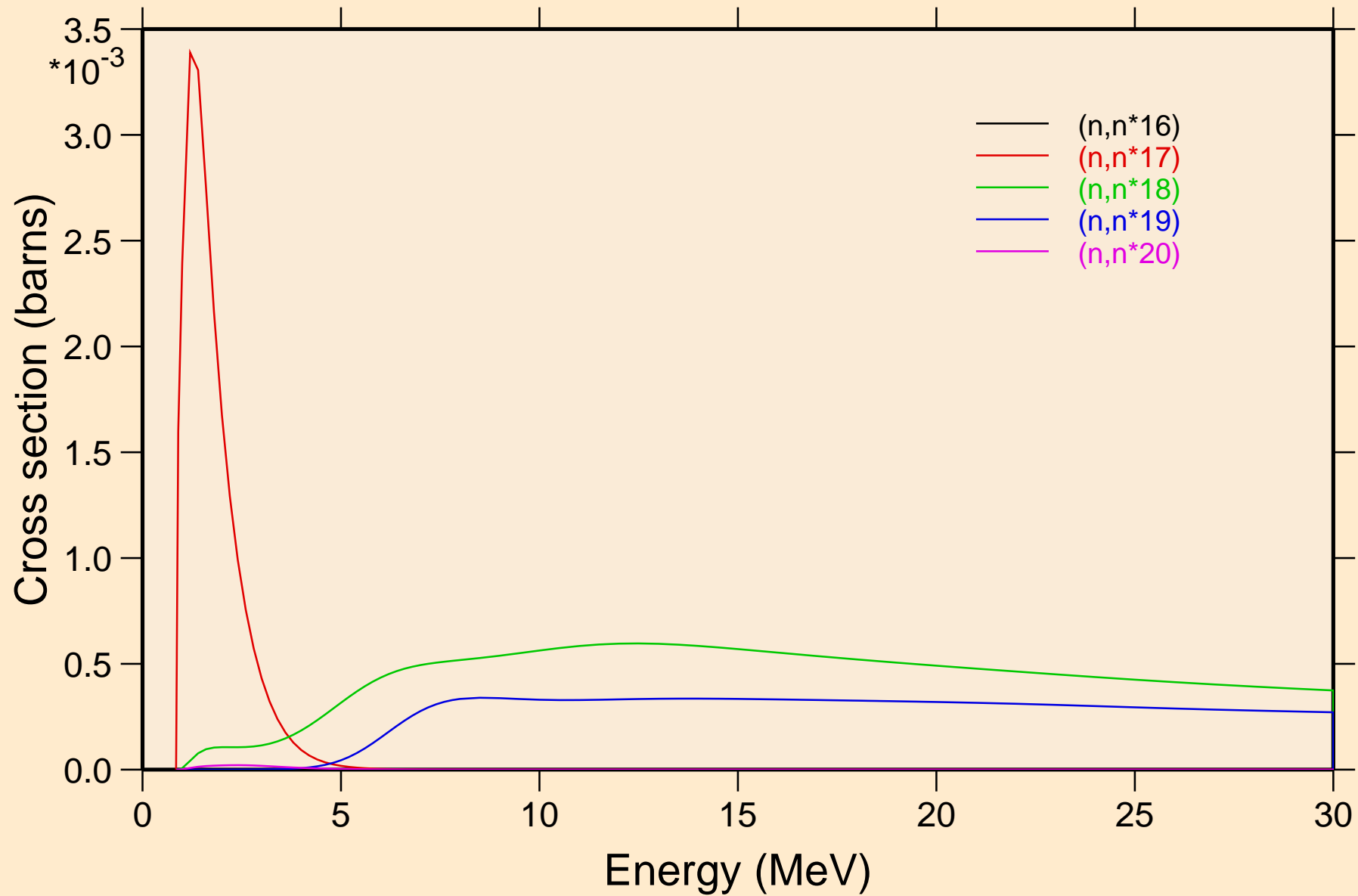
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

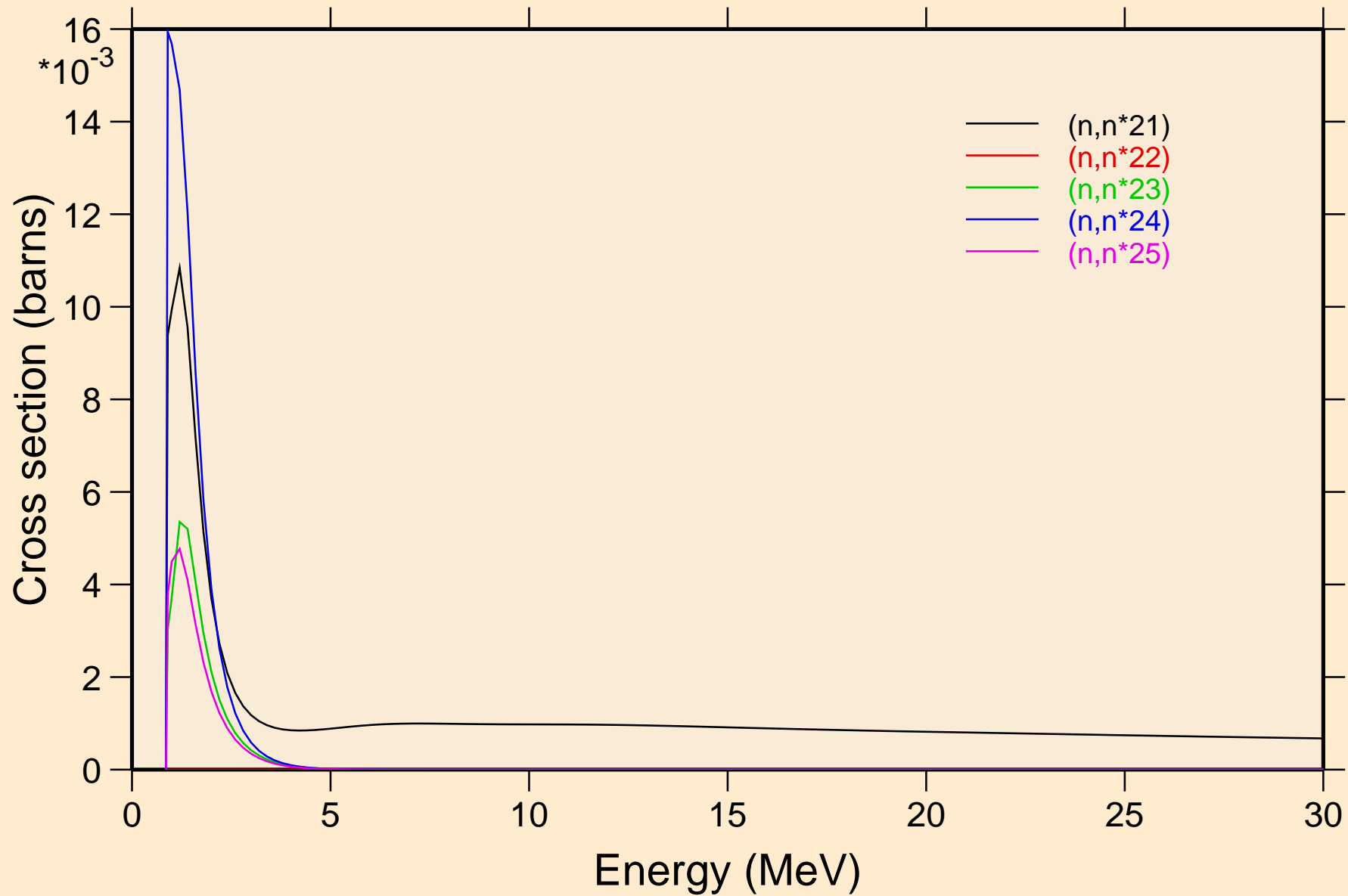


LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

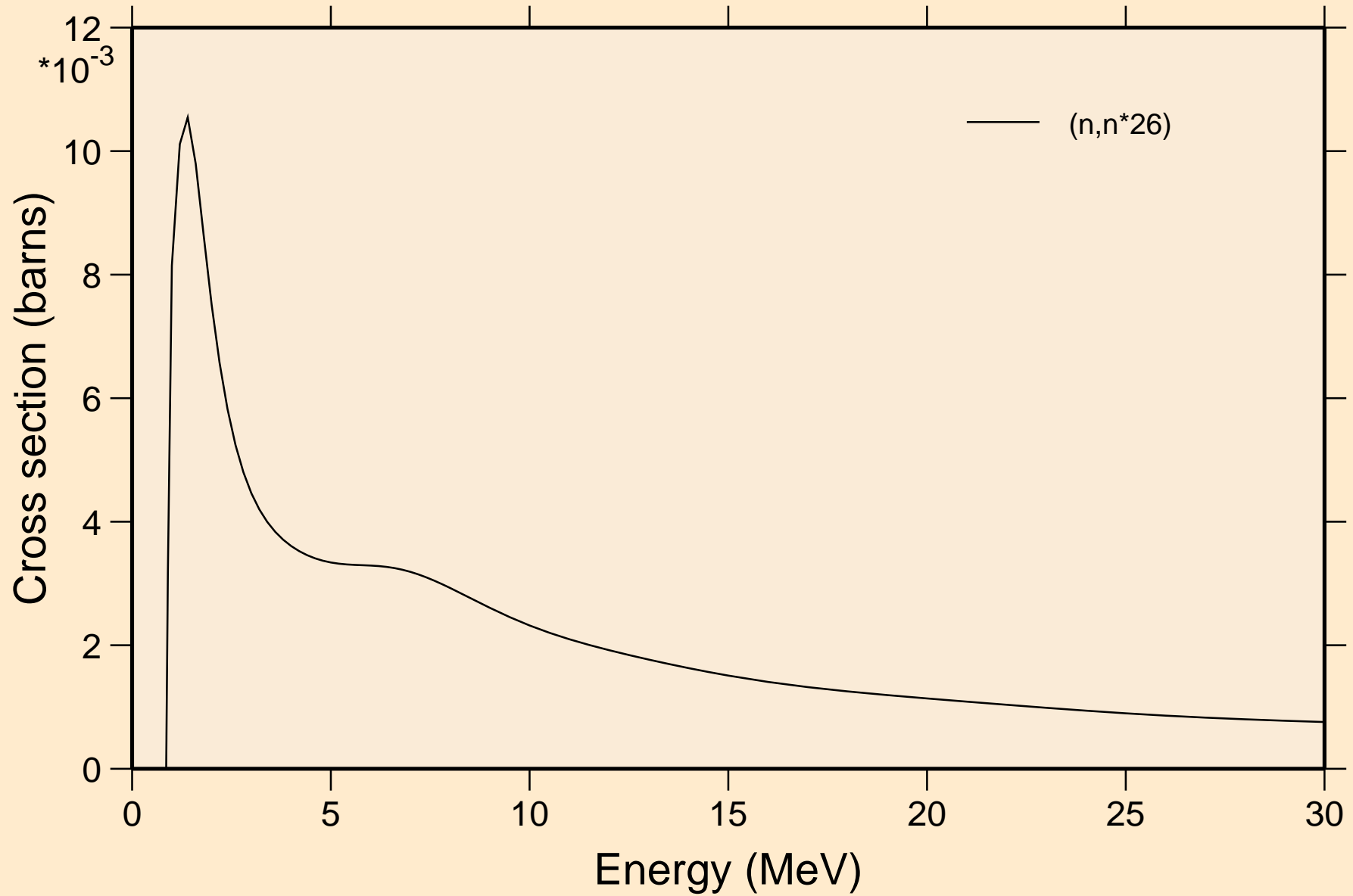




LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

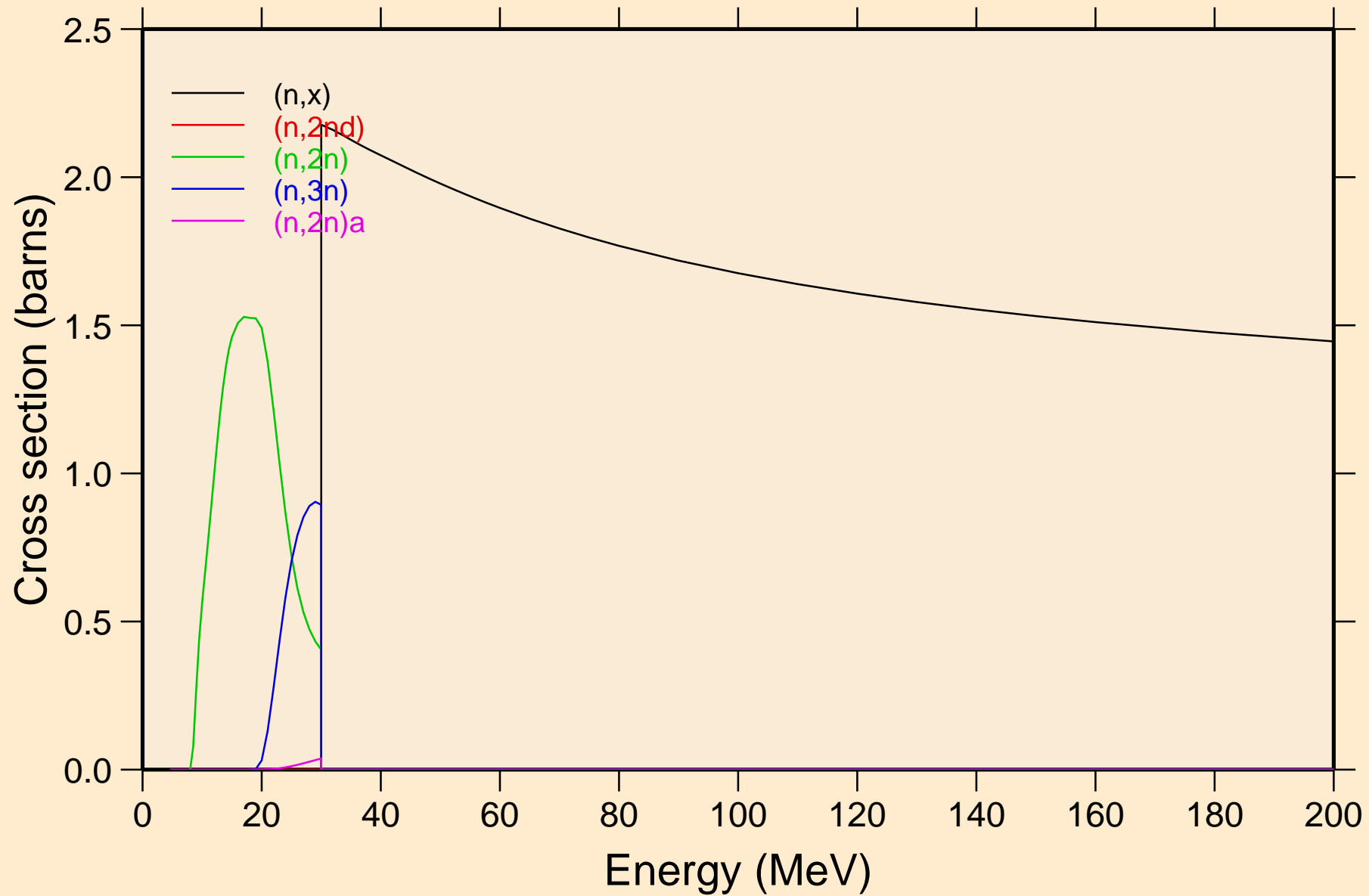


LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

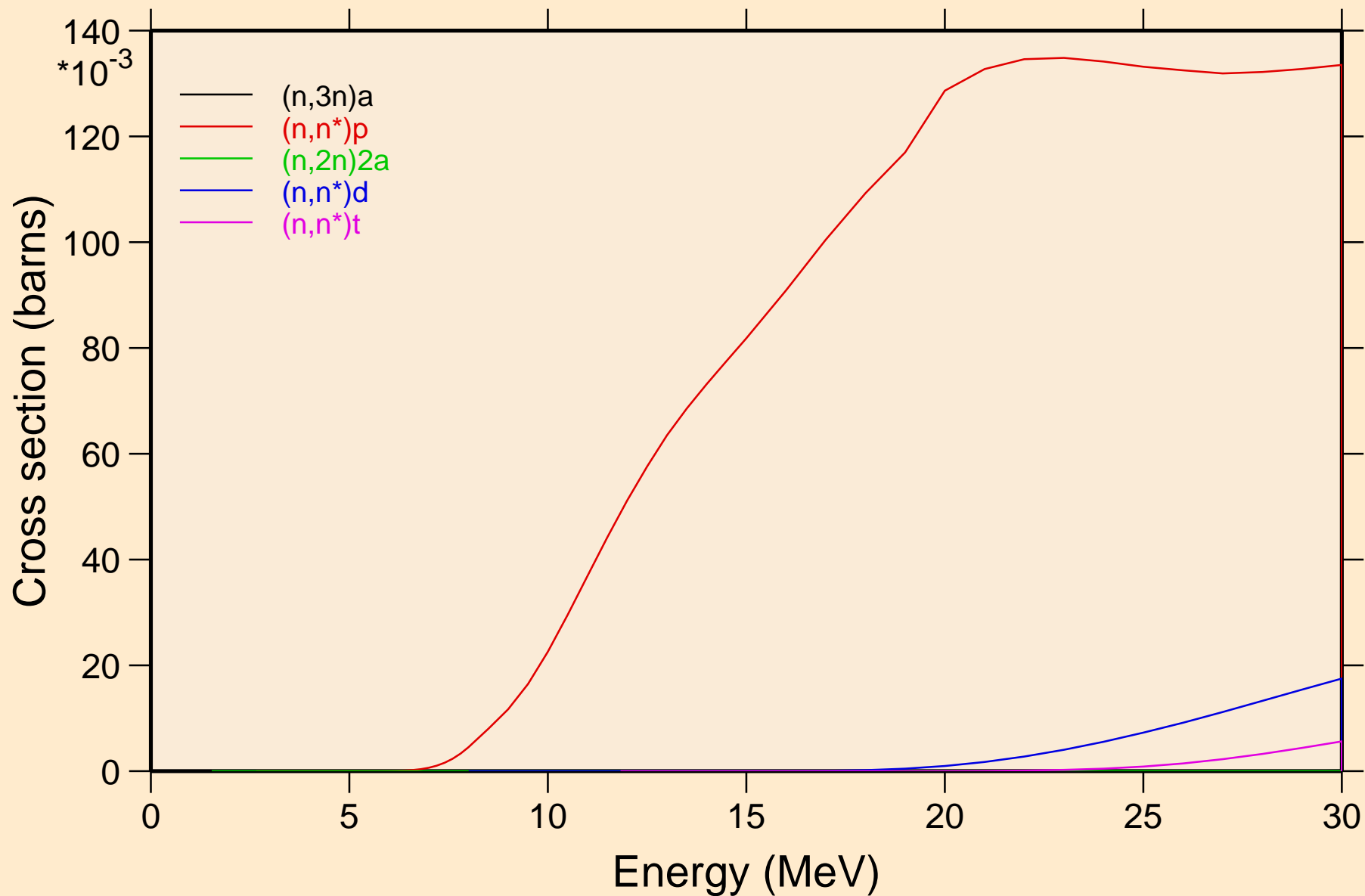


# LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

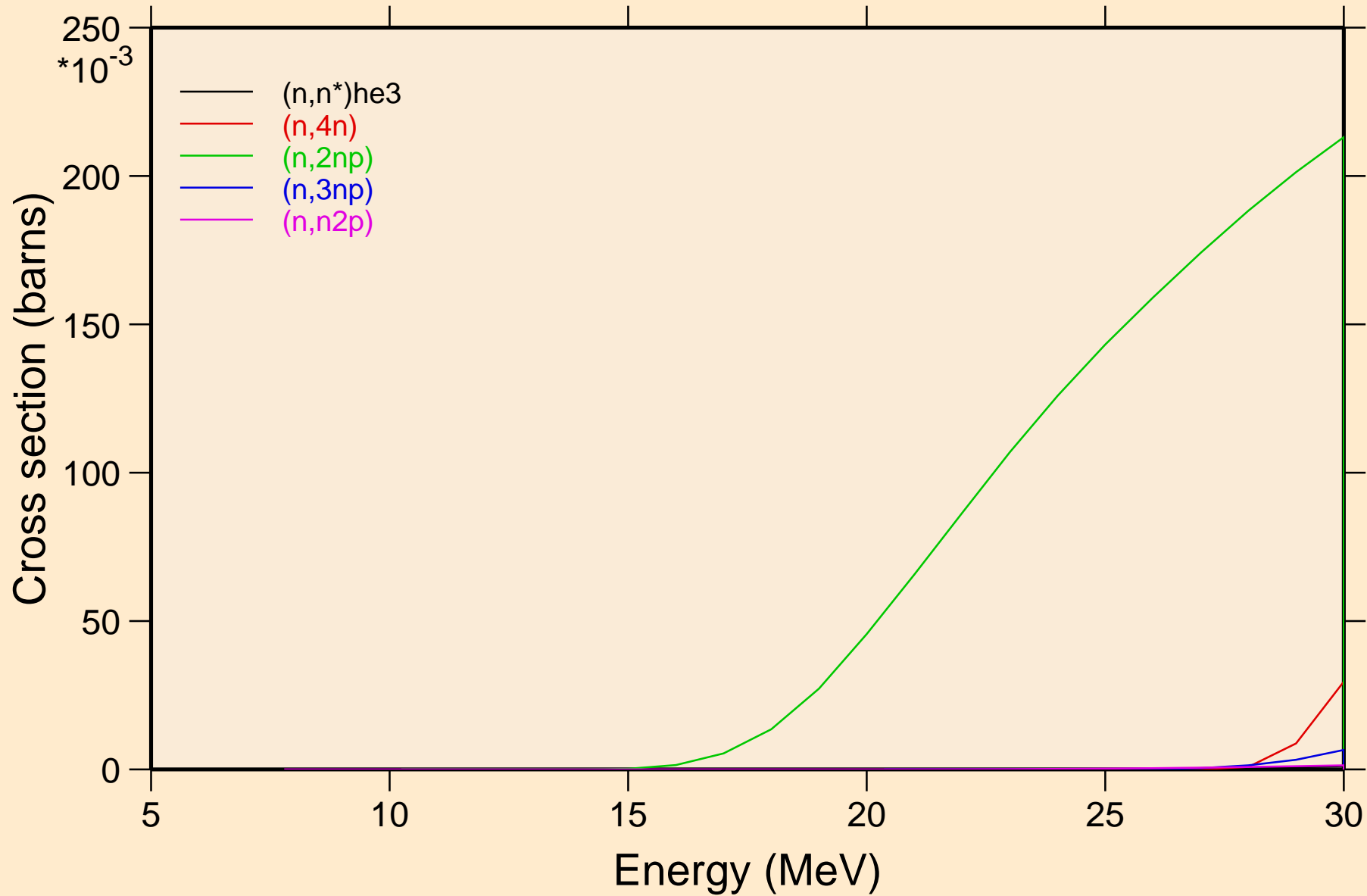


LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

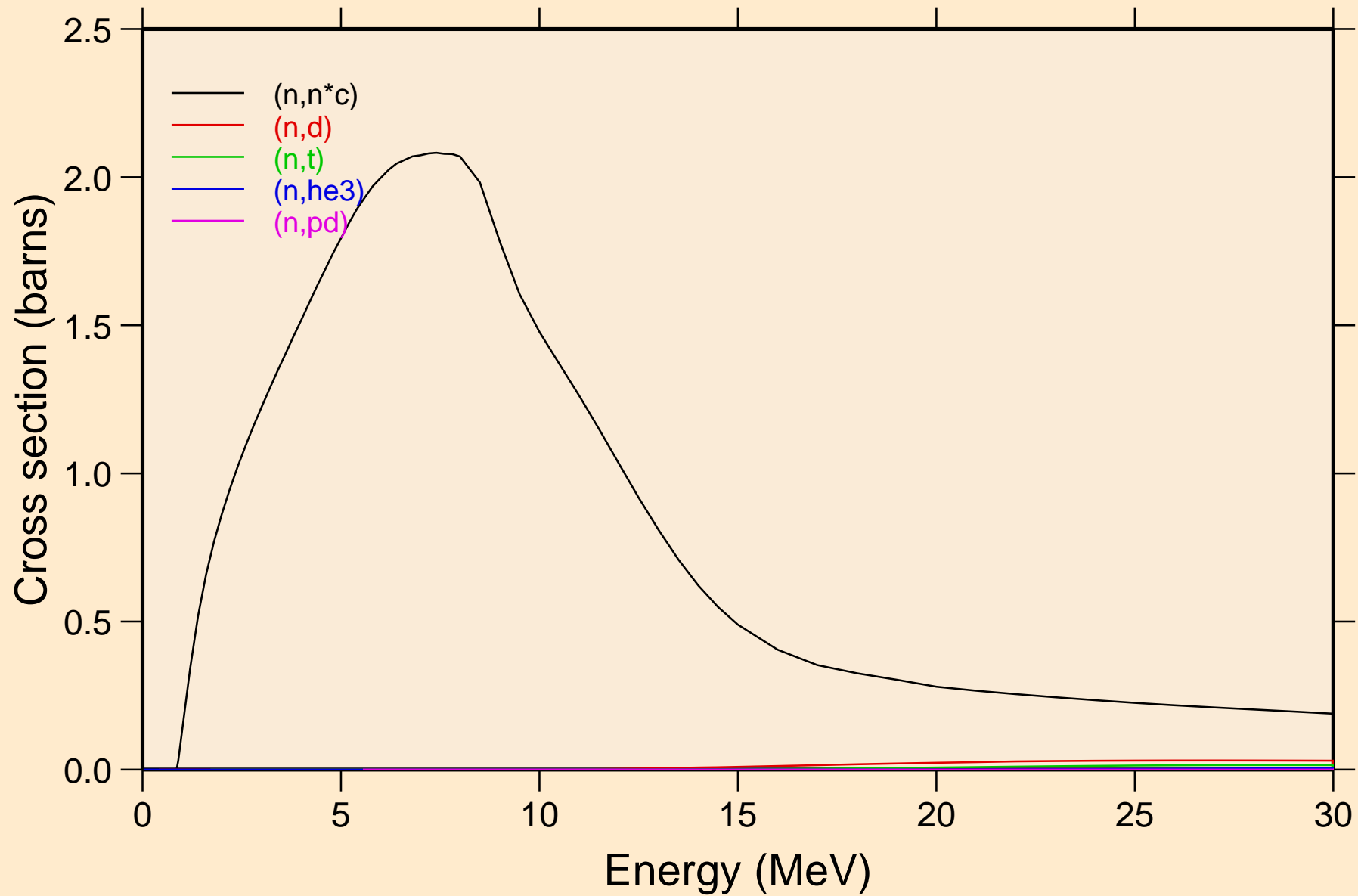


# LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

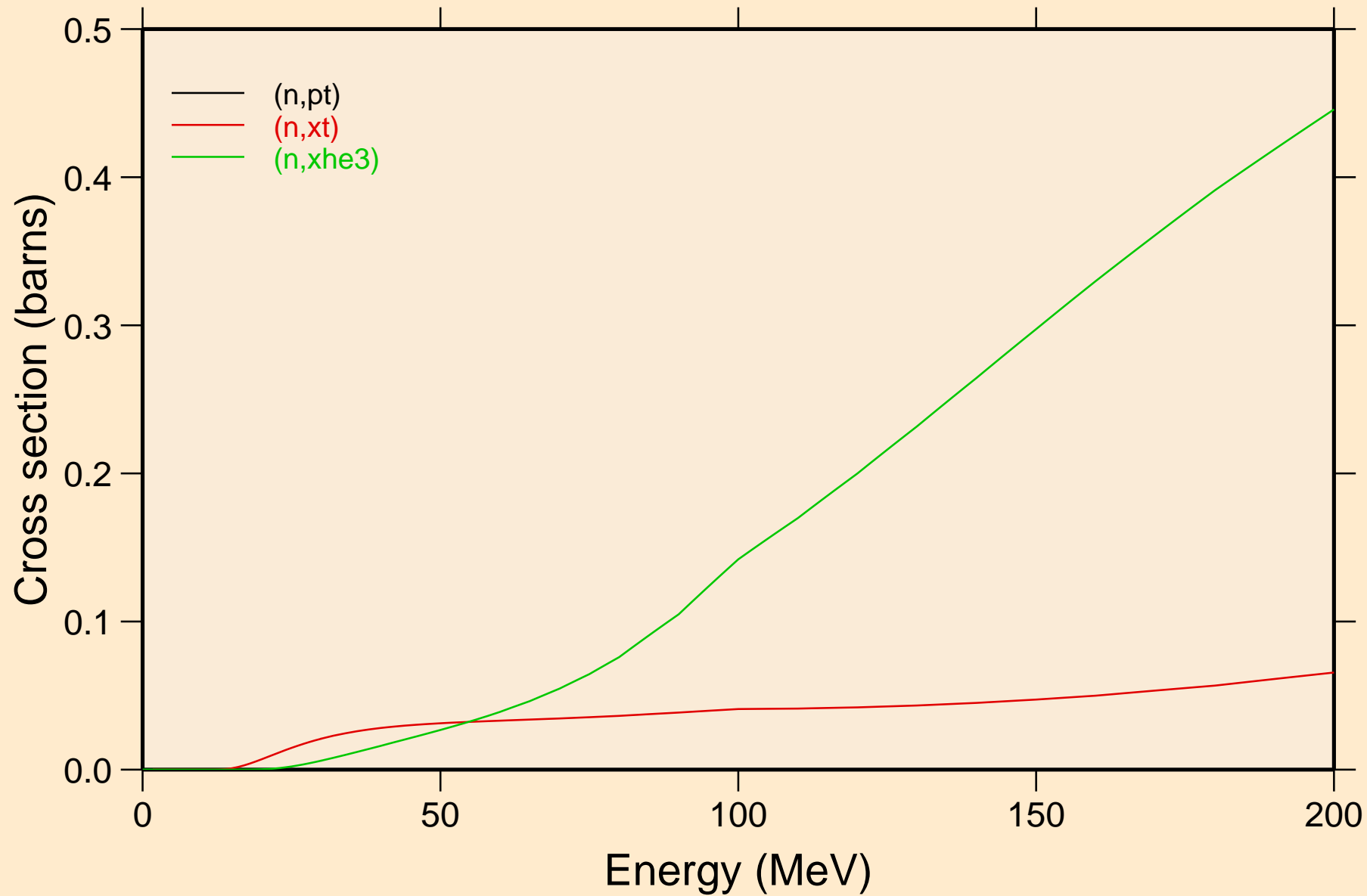
## Threshold reactions



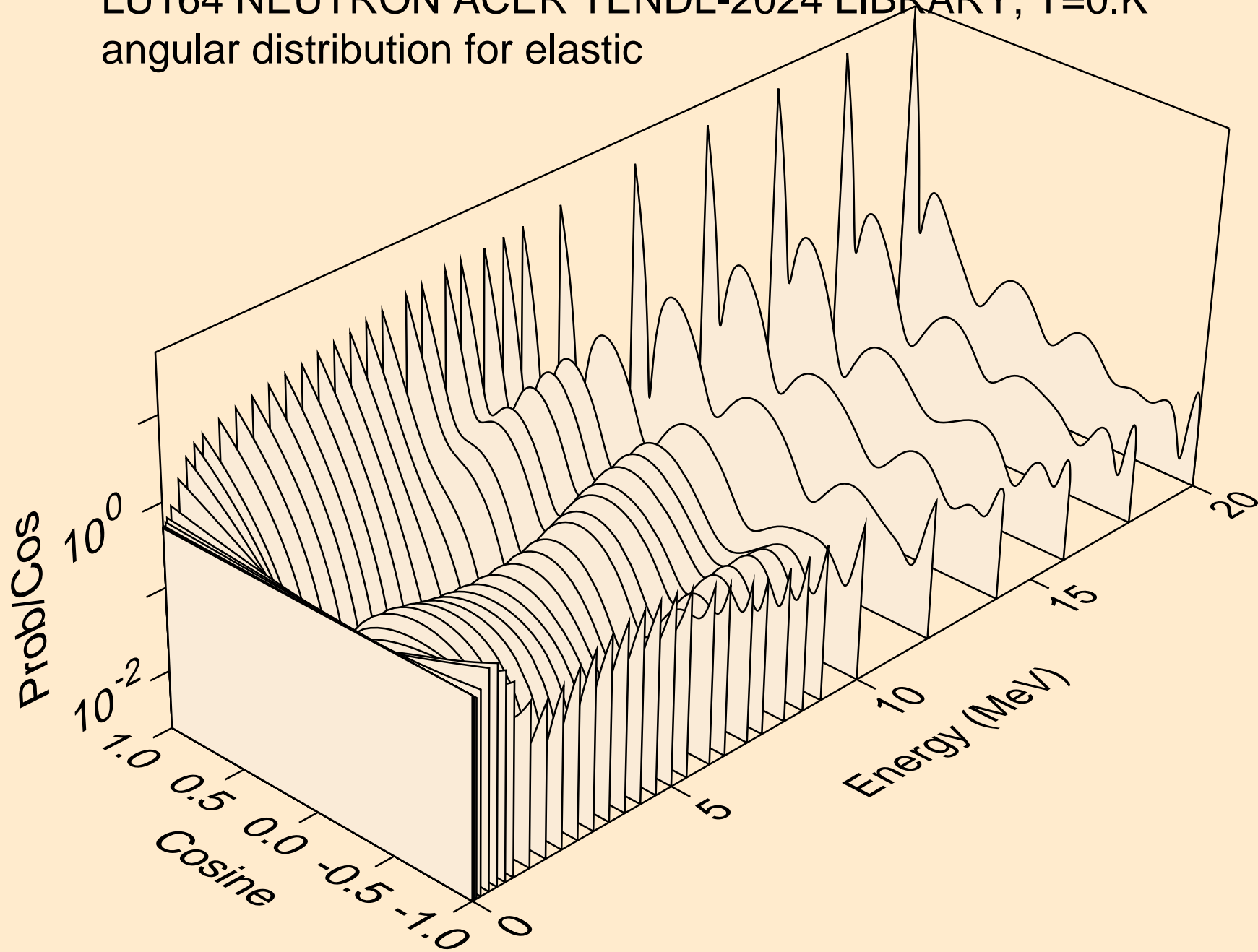
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

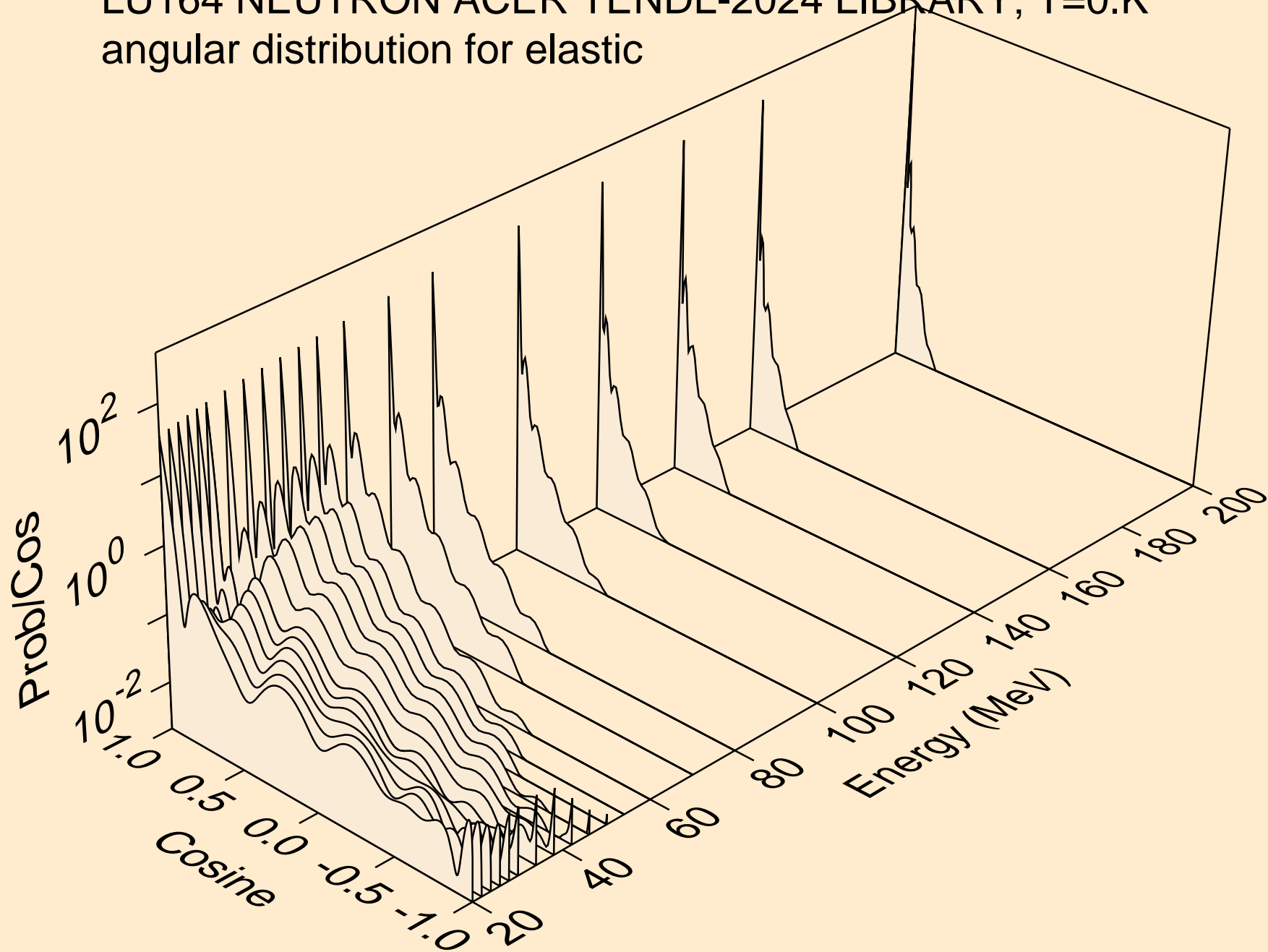


LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

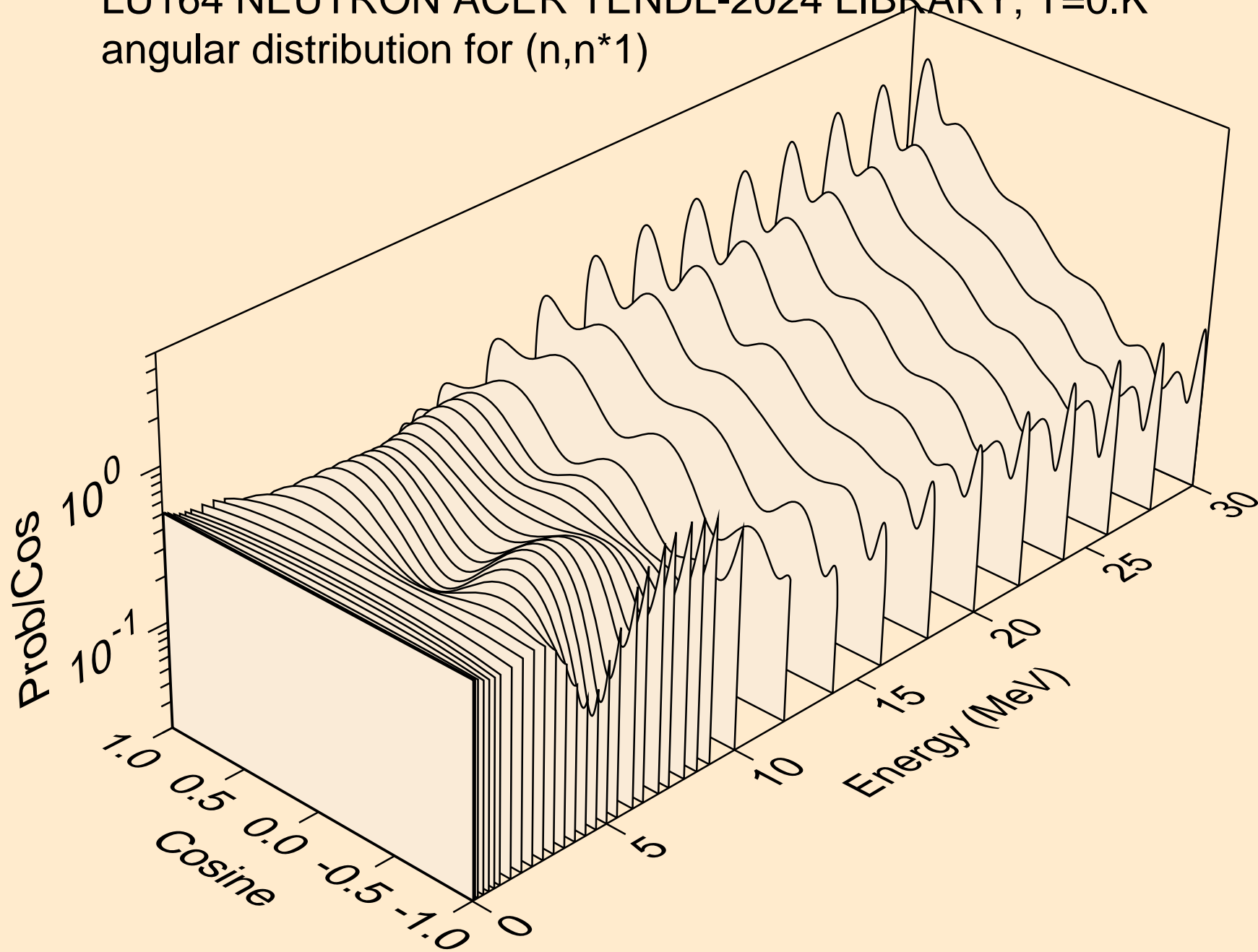




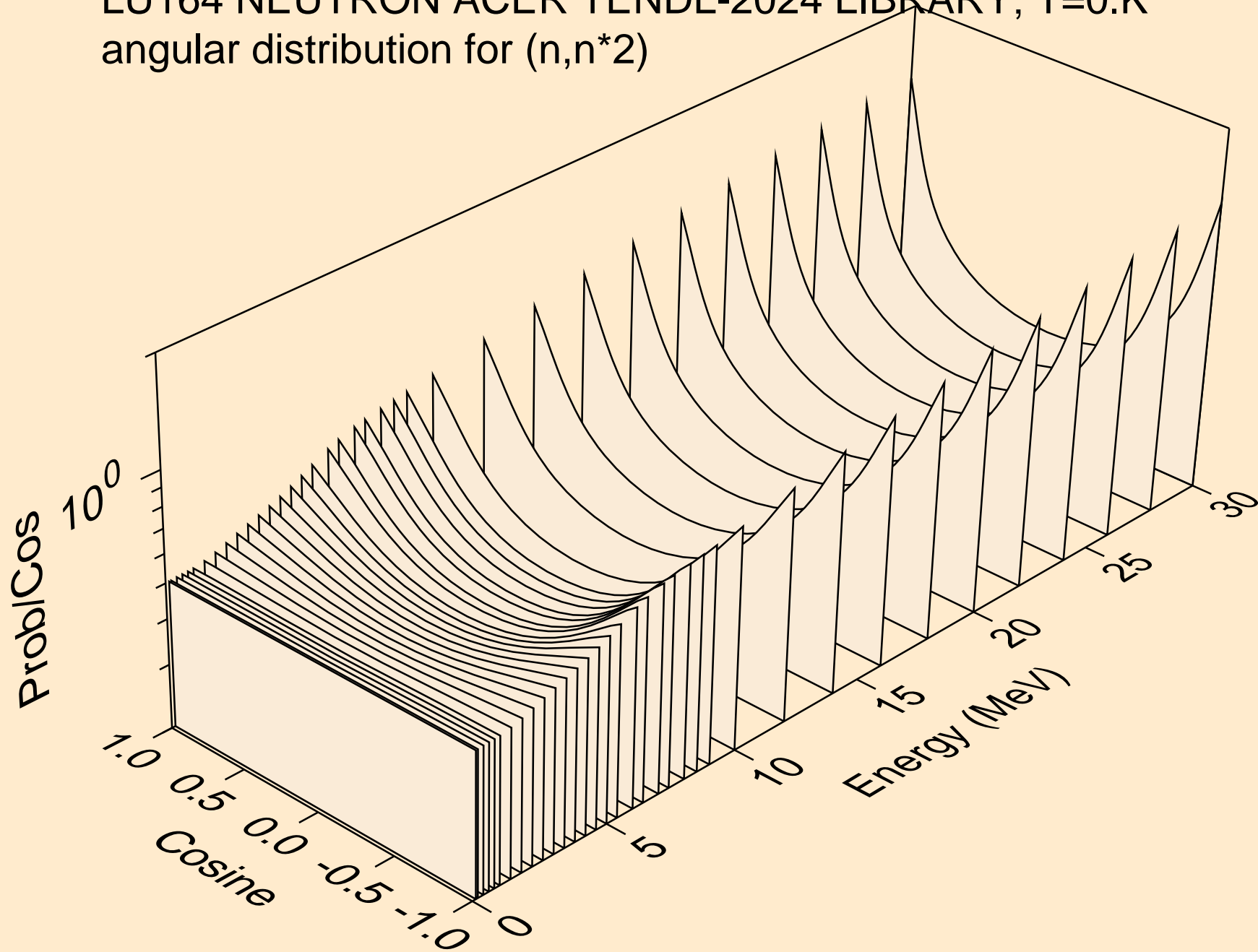
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



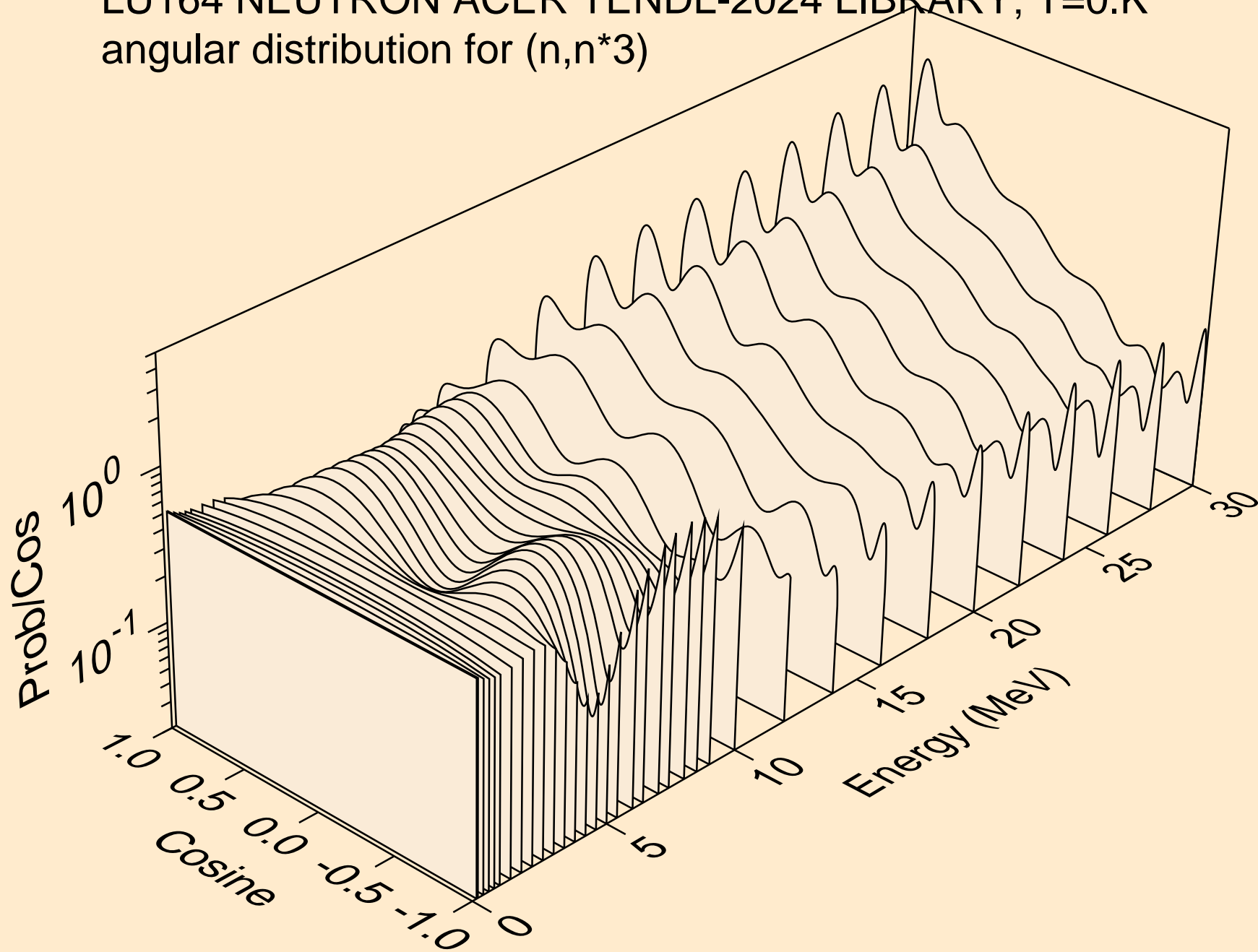
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



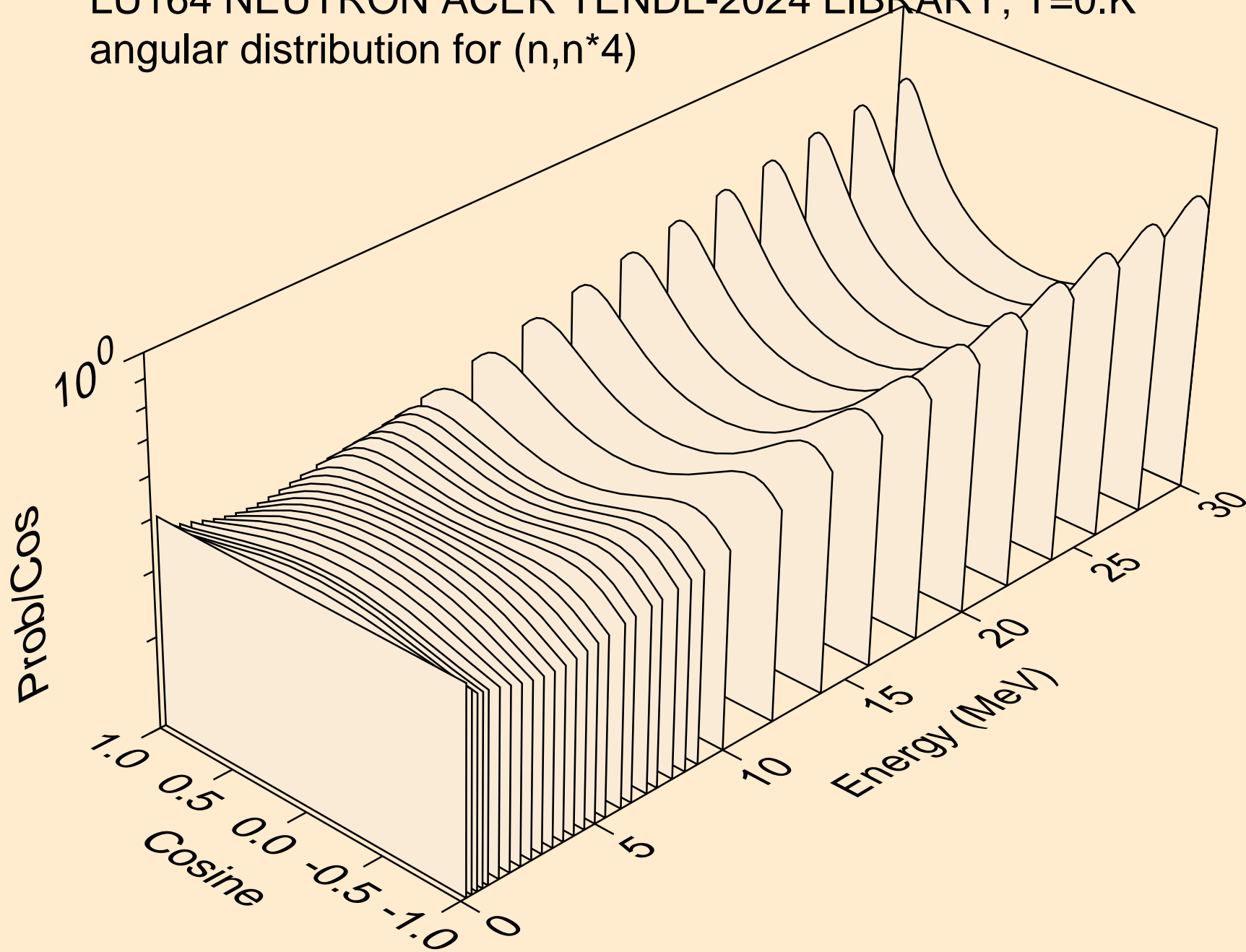
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



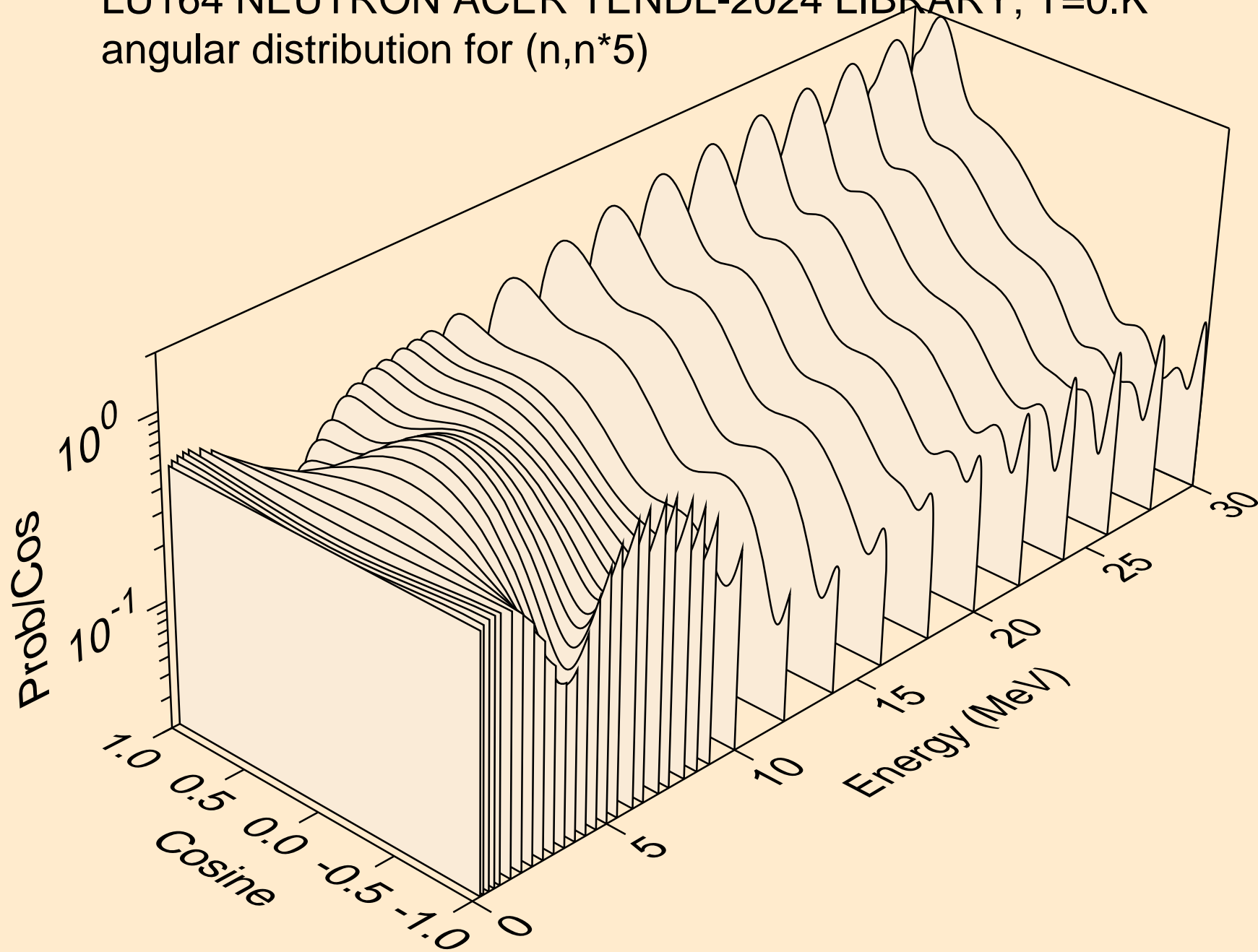
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



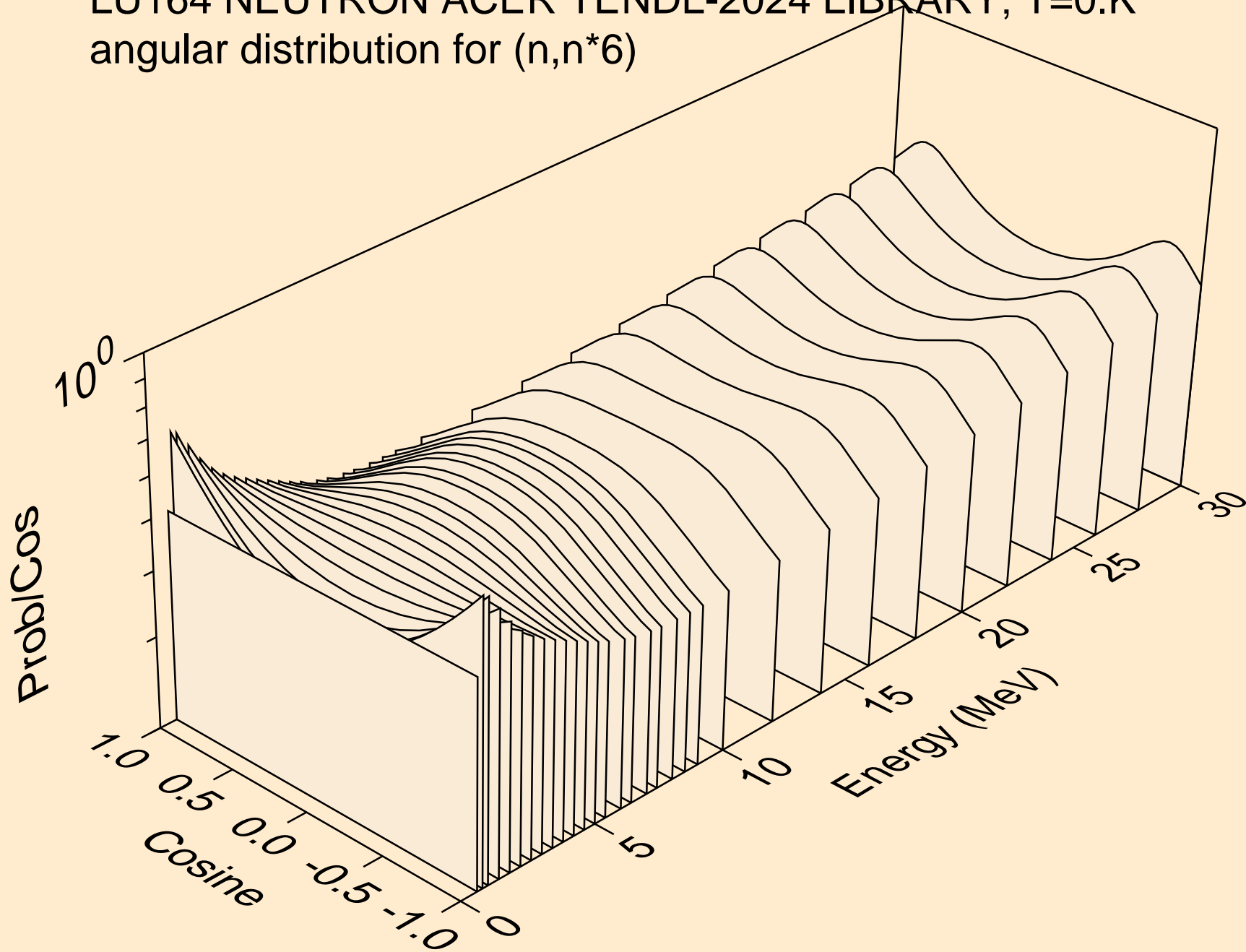
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



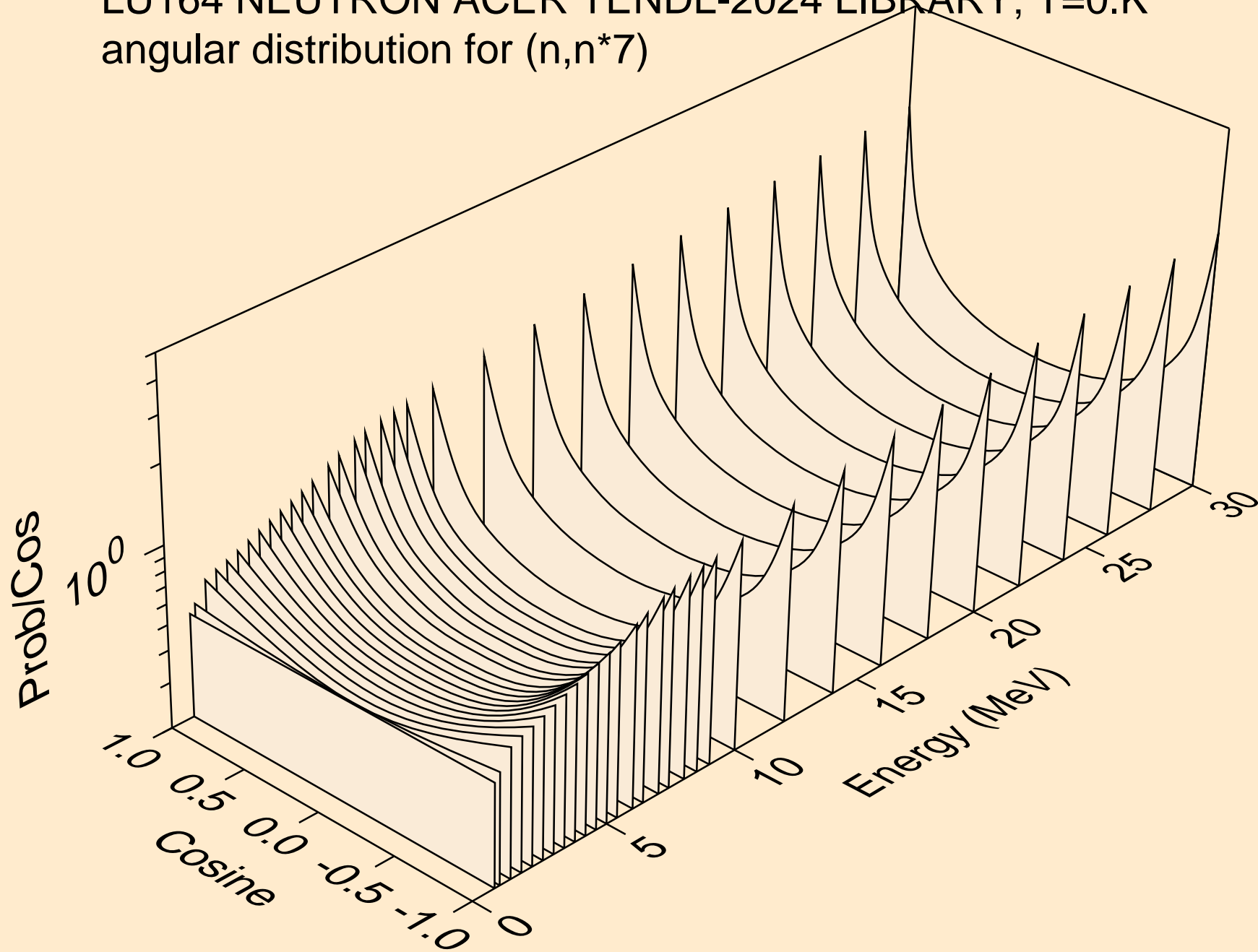
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)

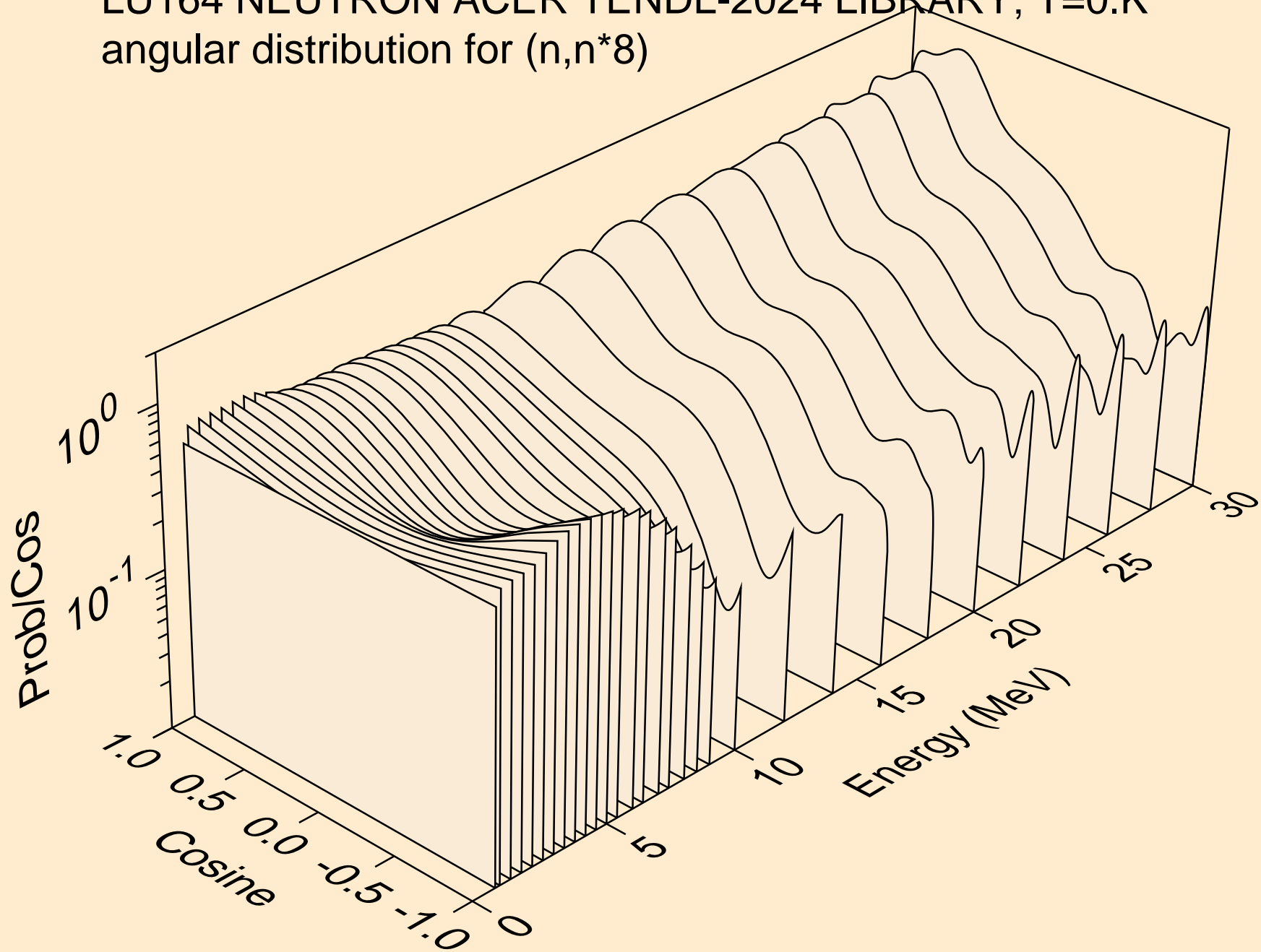


LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)

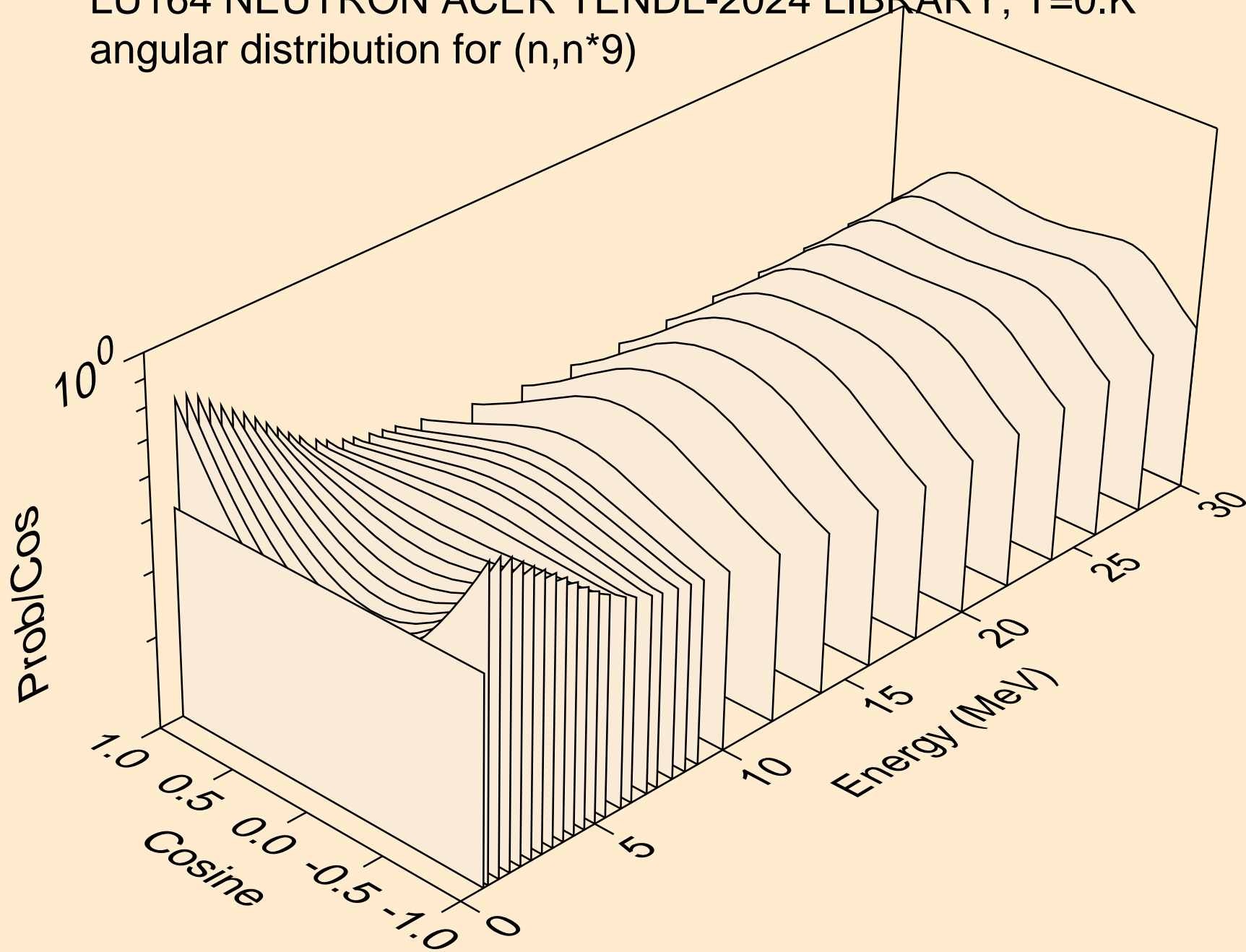




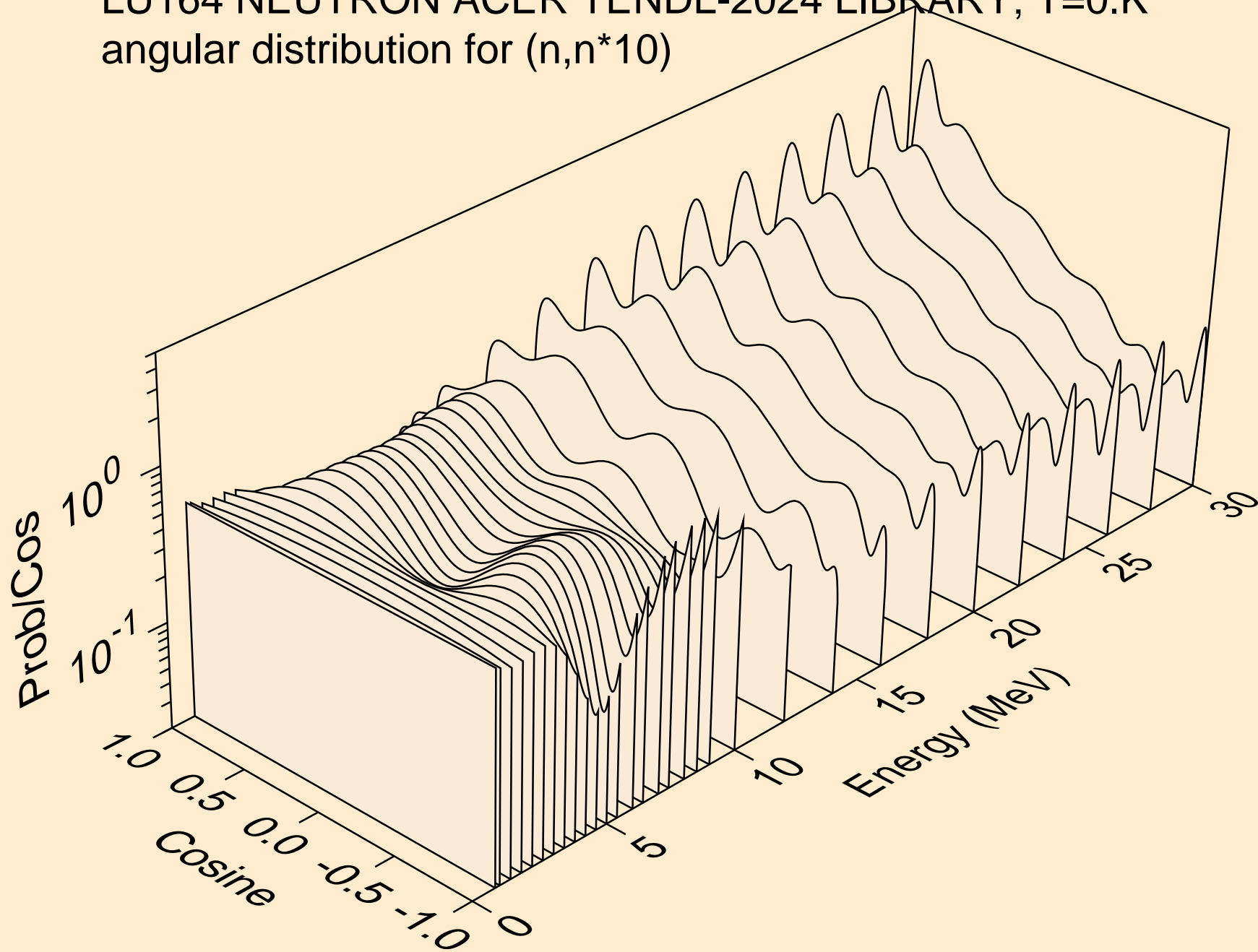
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



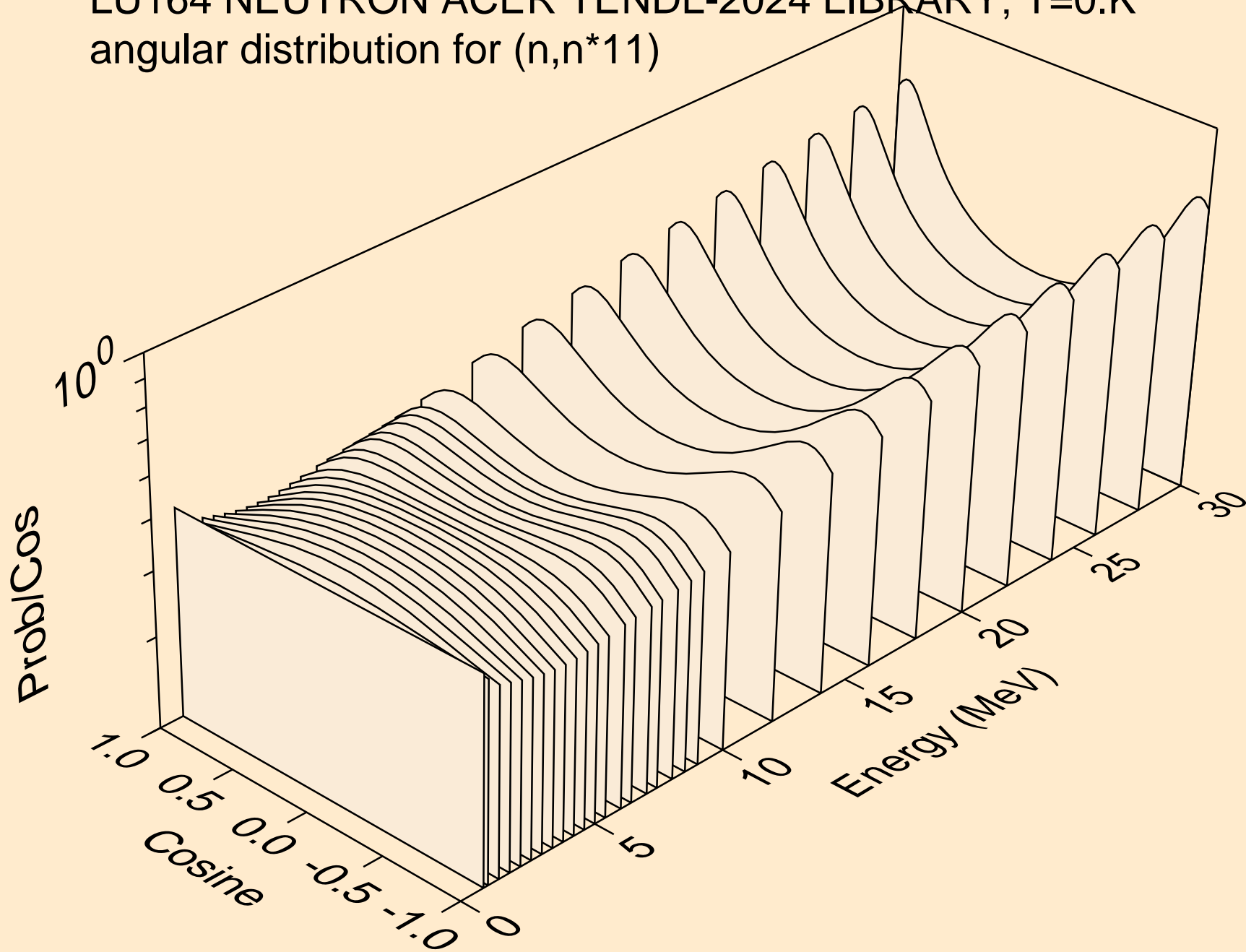
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



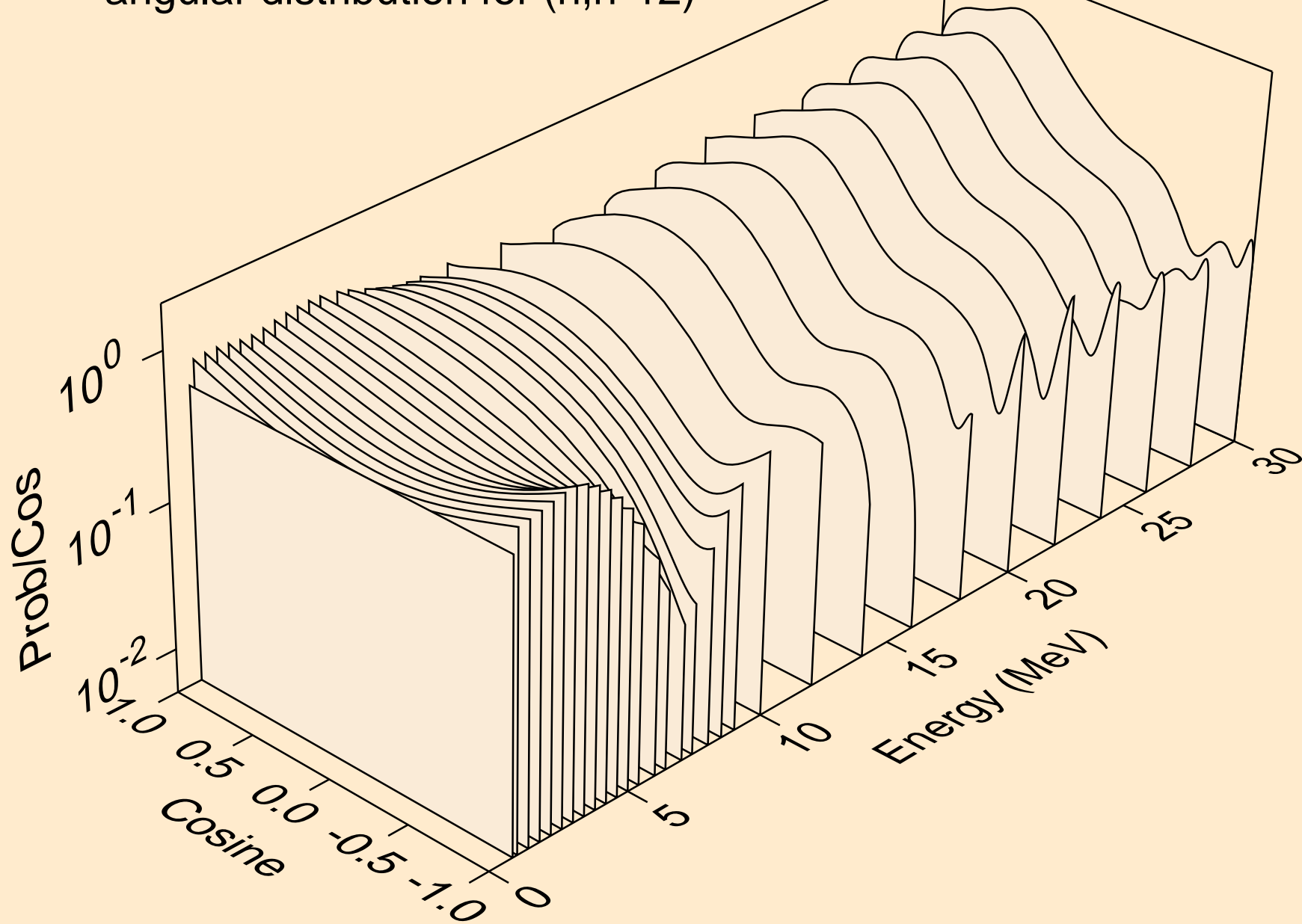
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



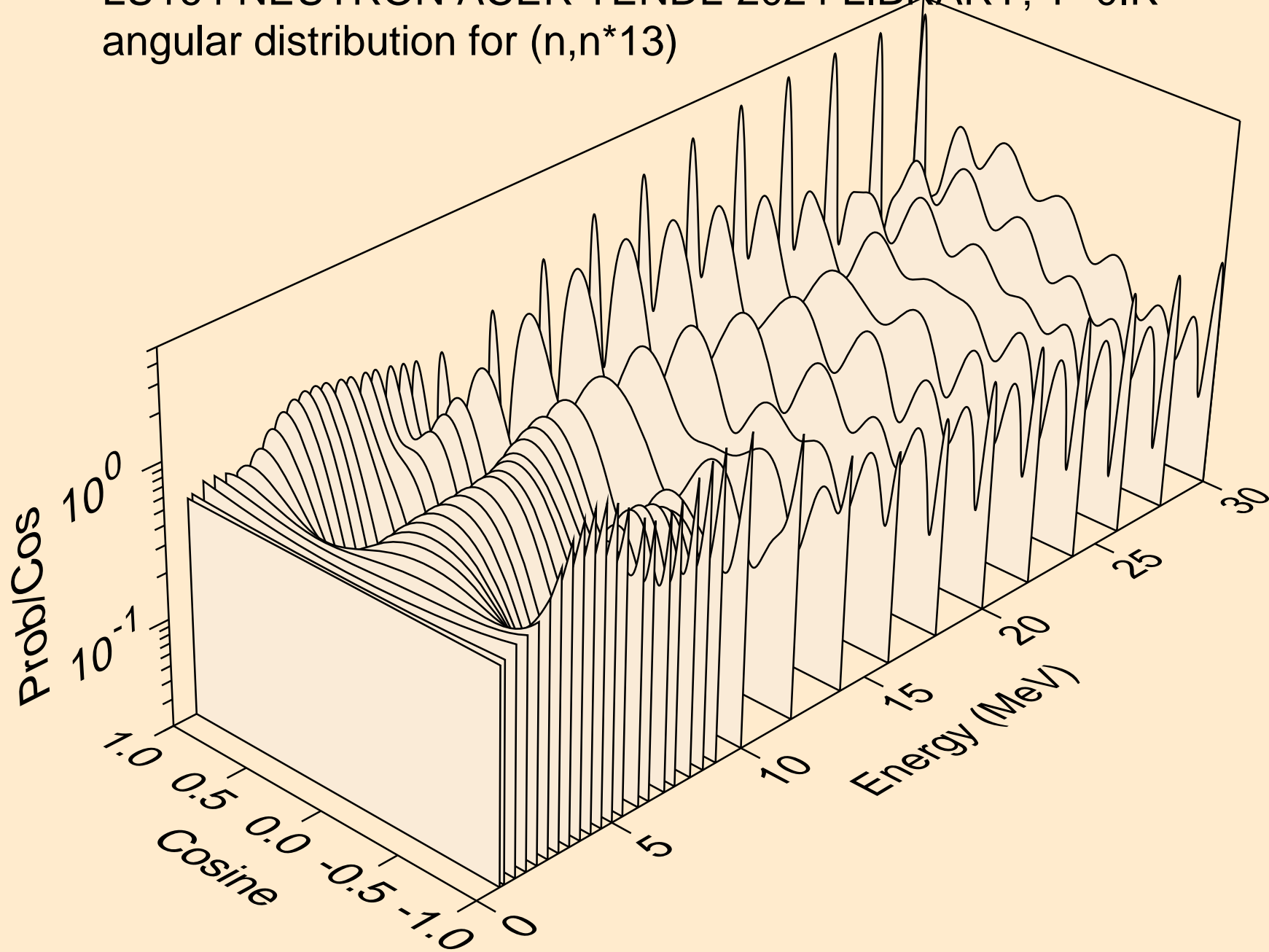
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



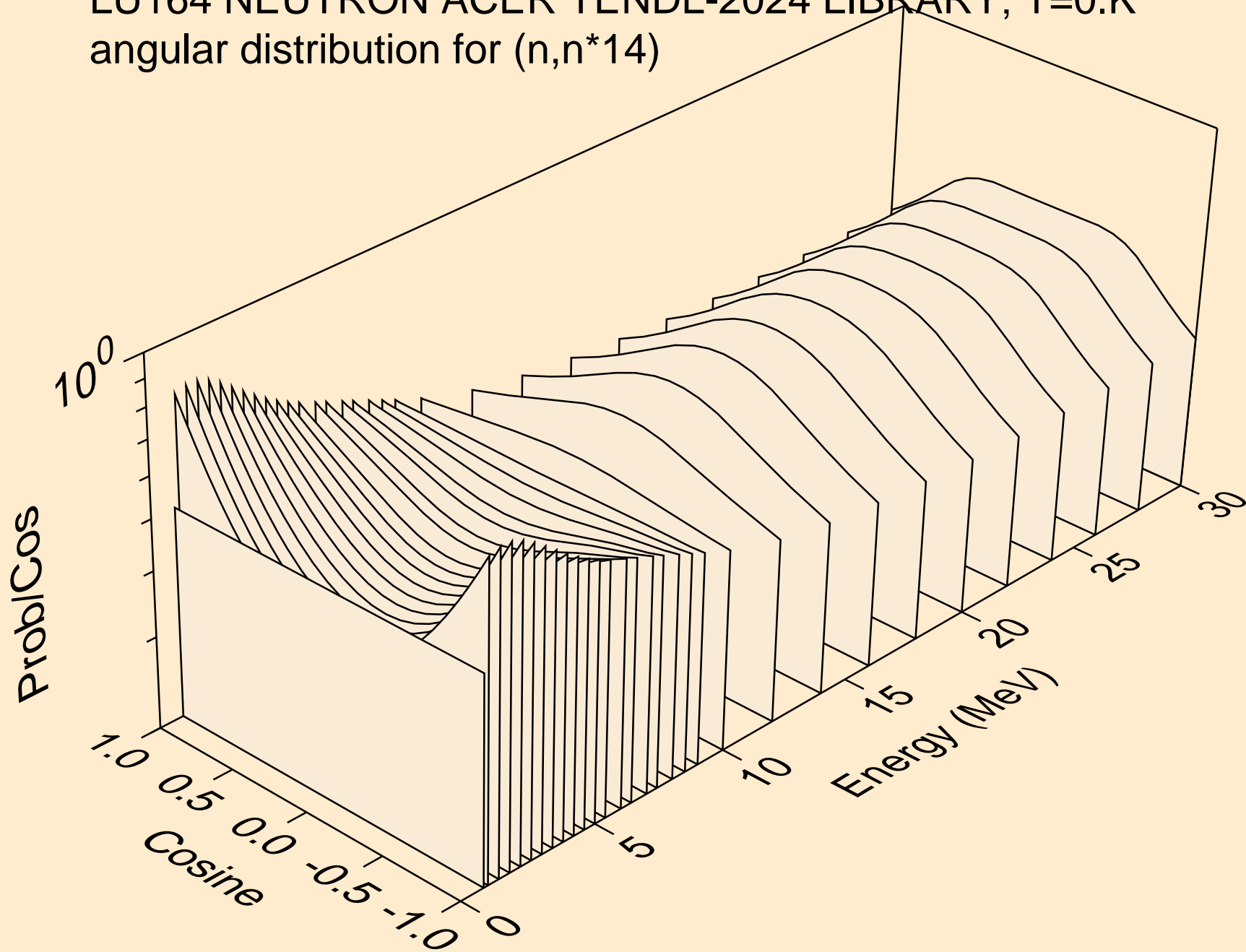
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



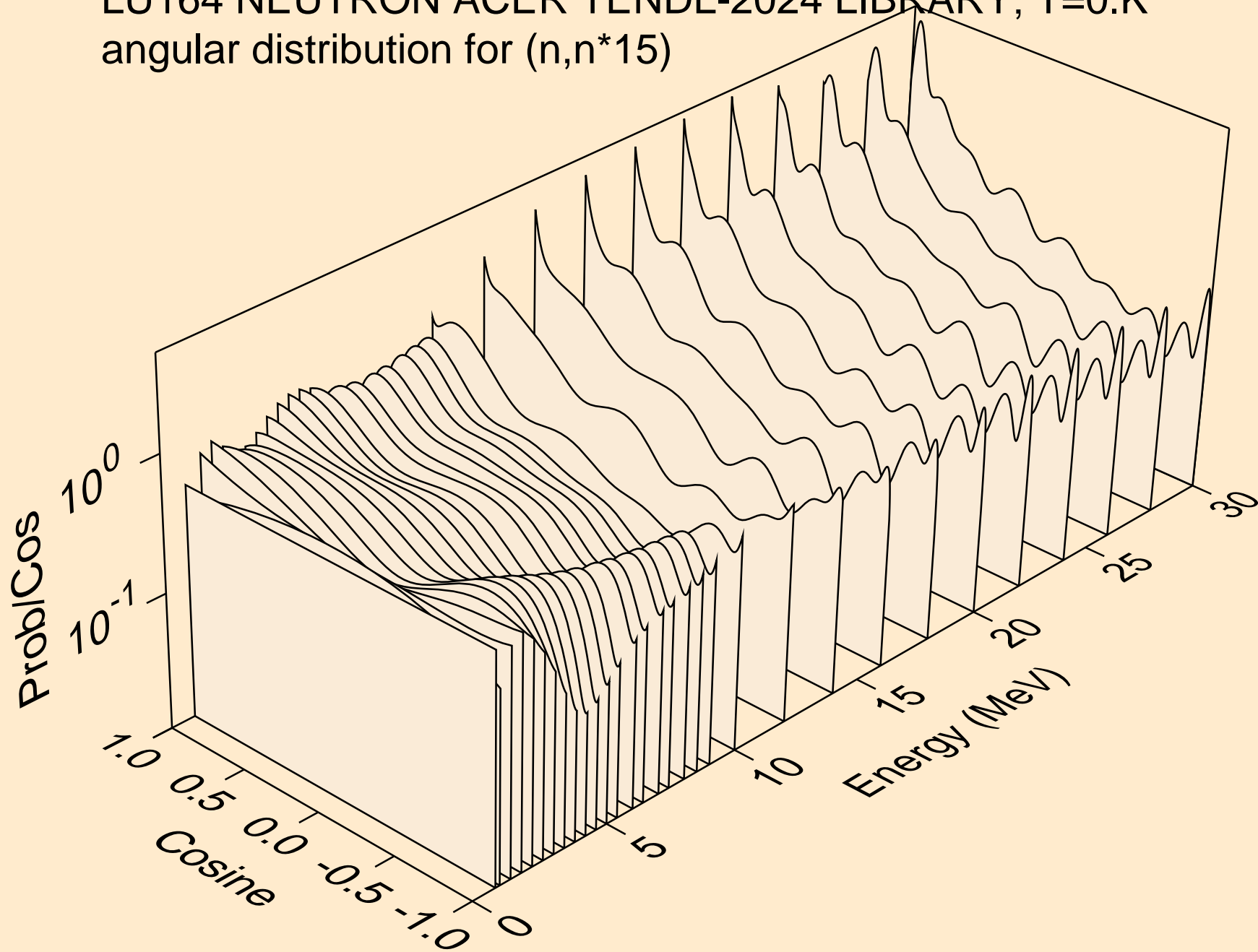
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*14)

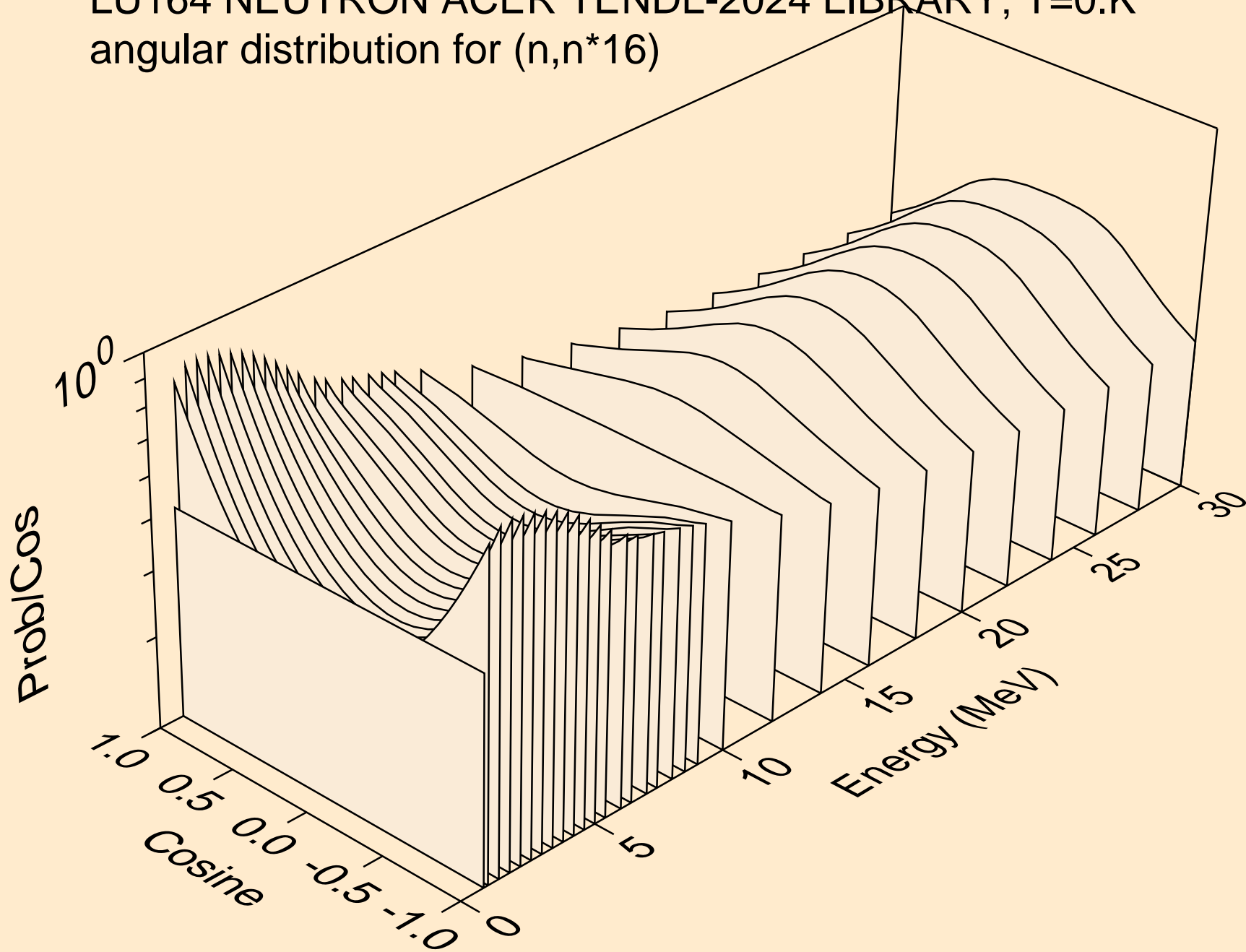


LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)

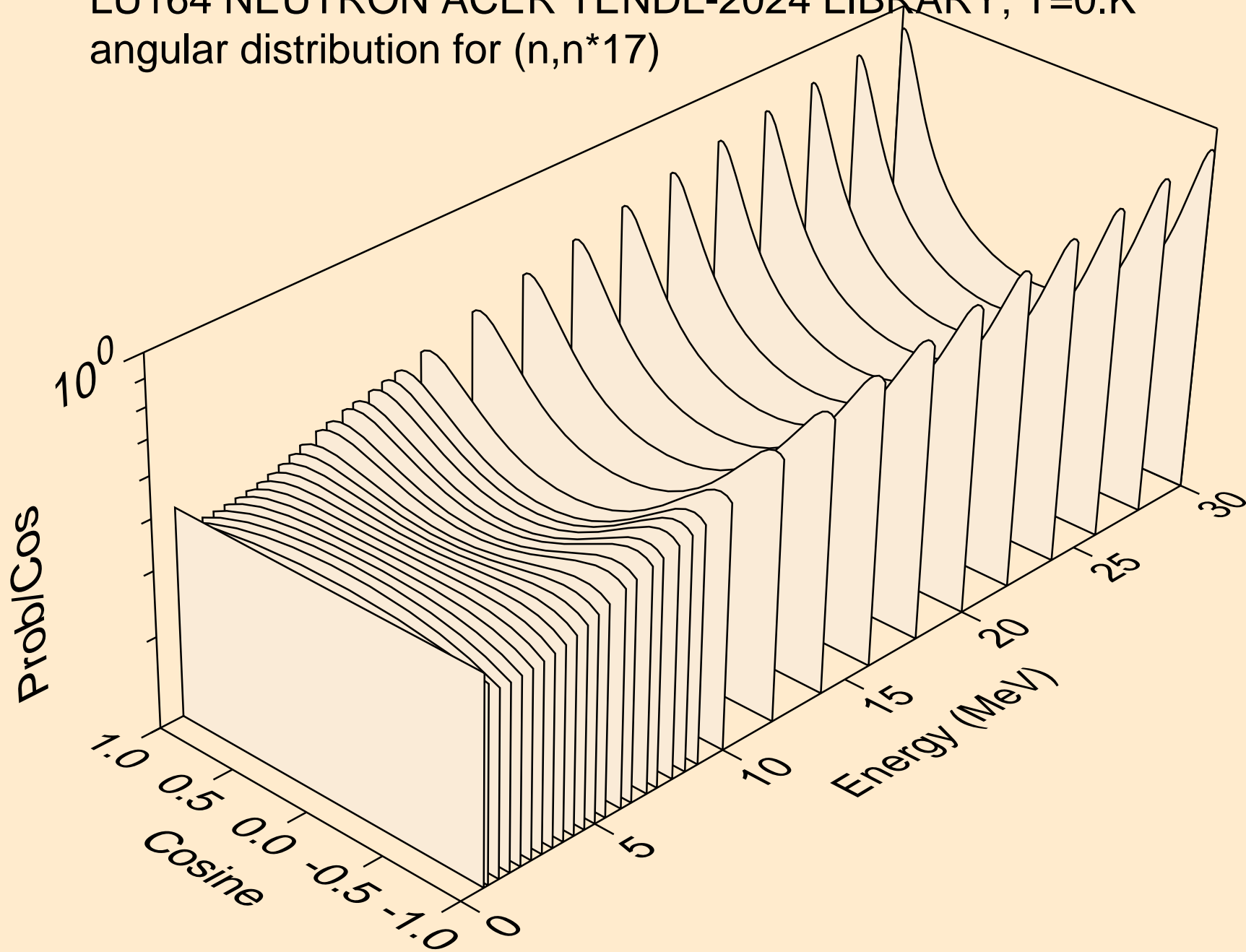




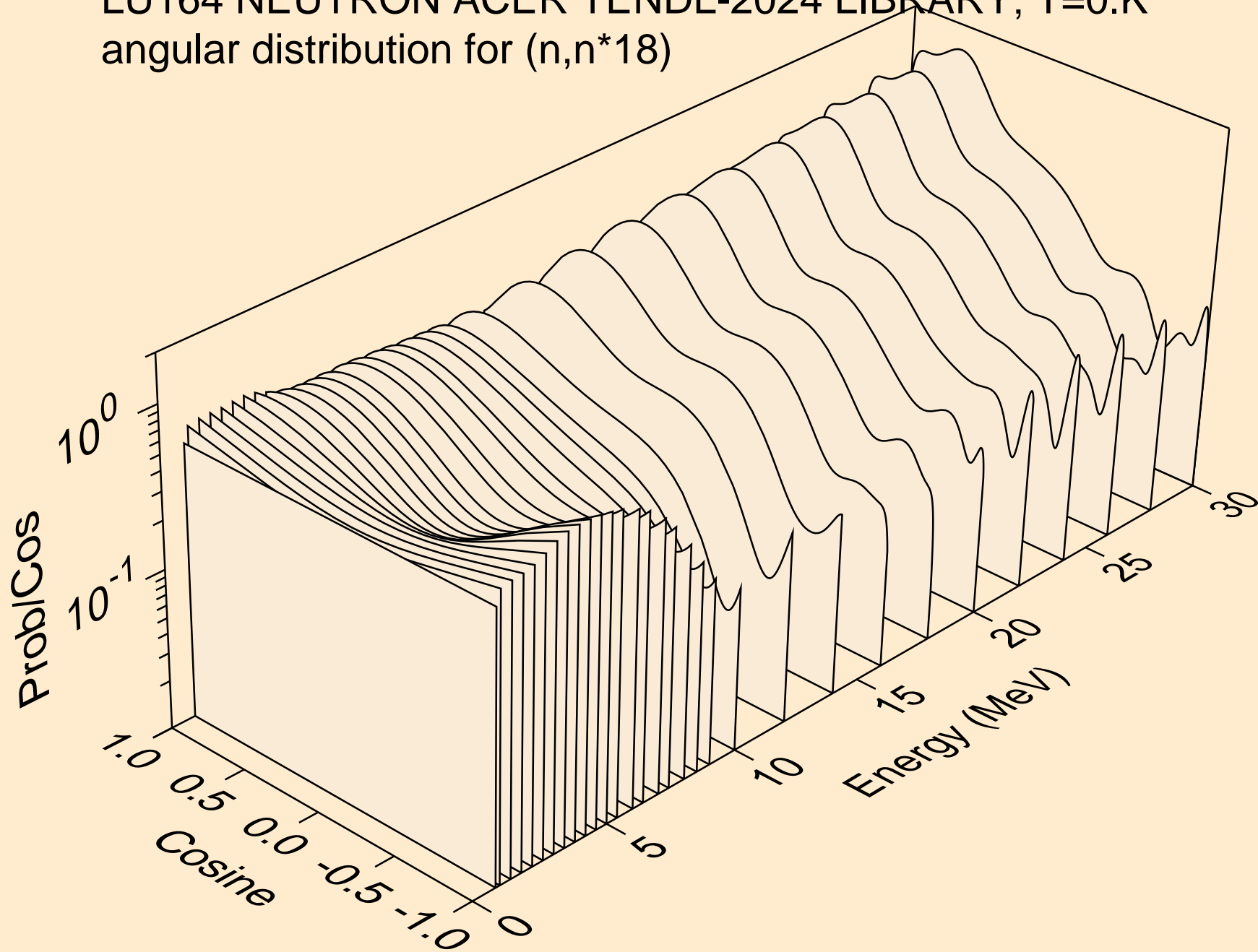
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



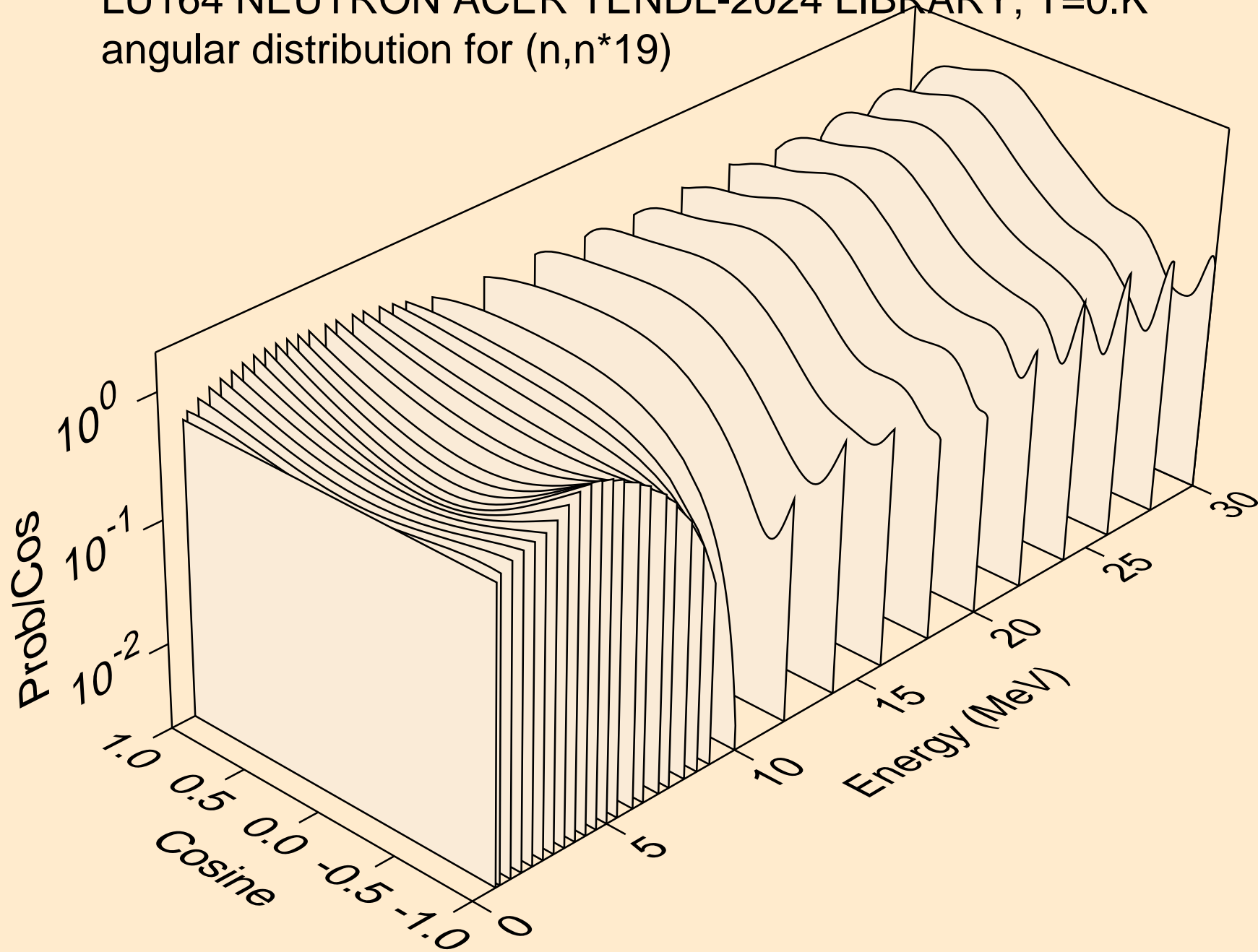
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



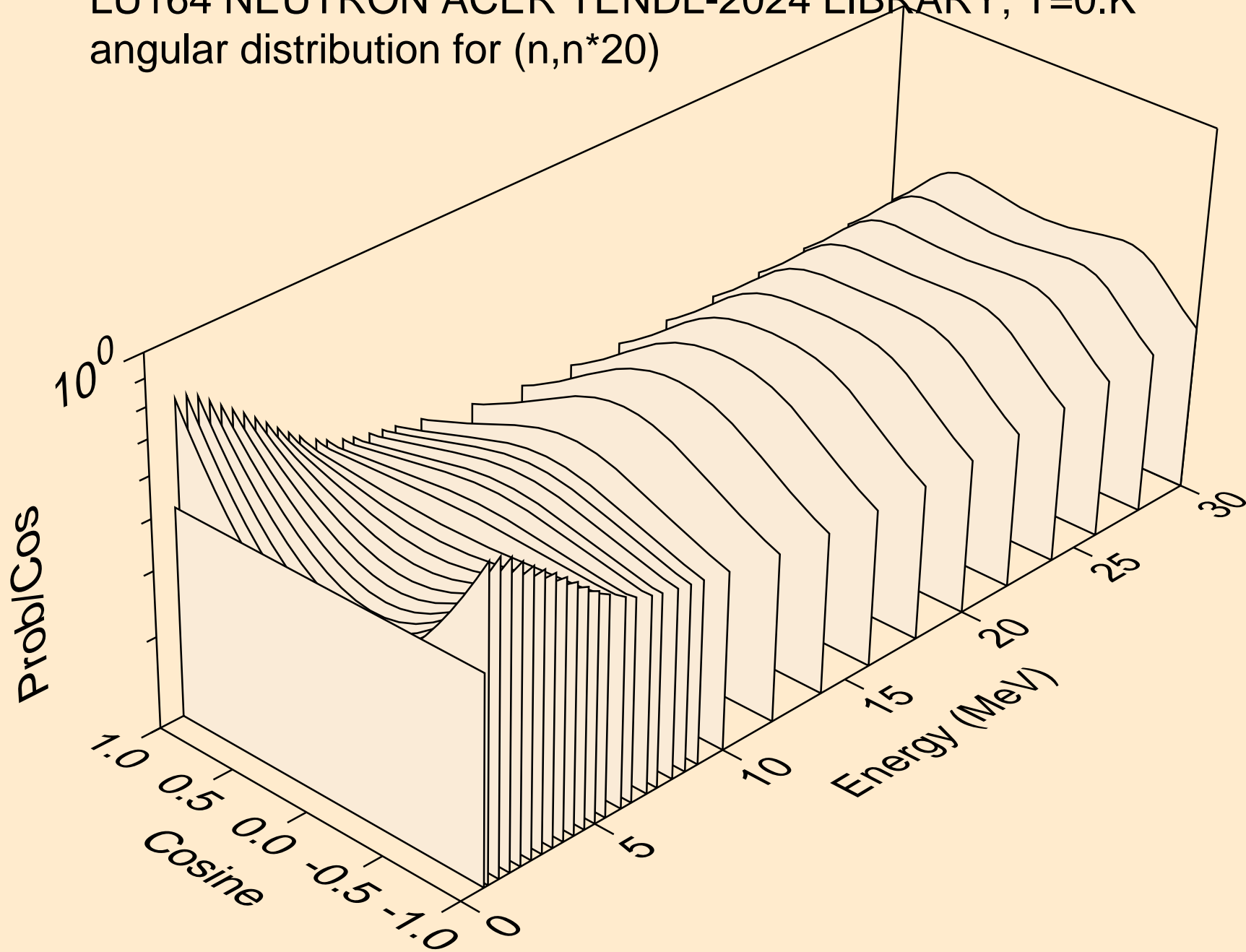
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)



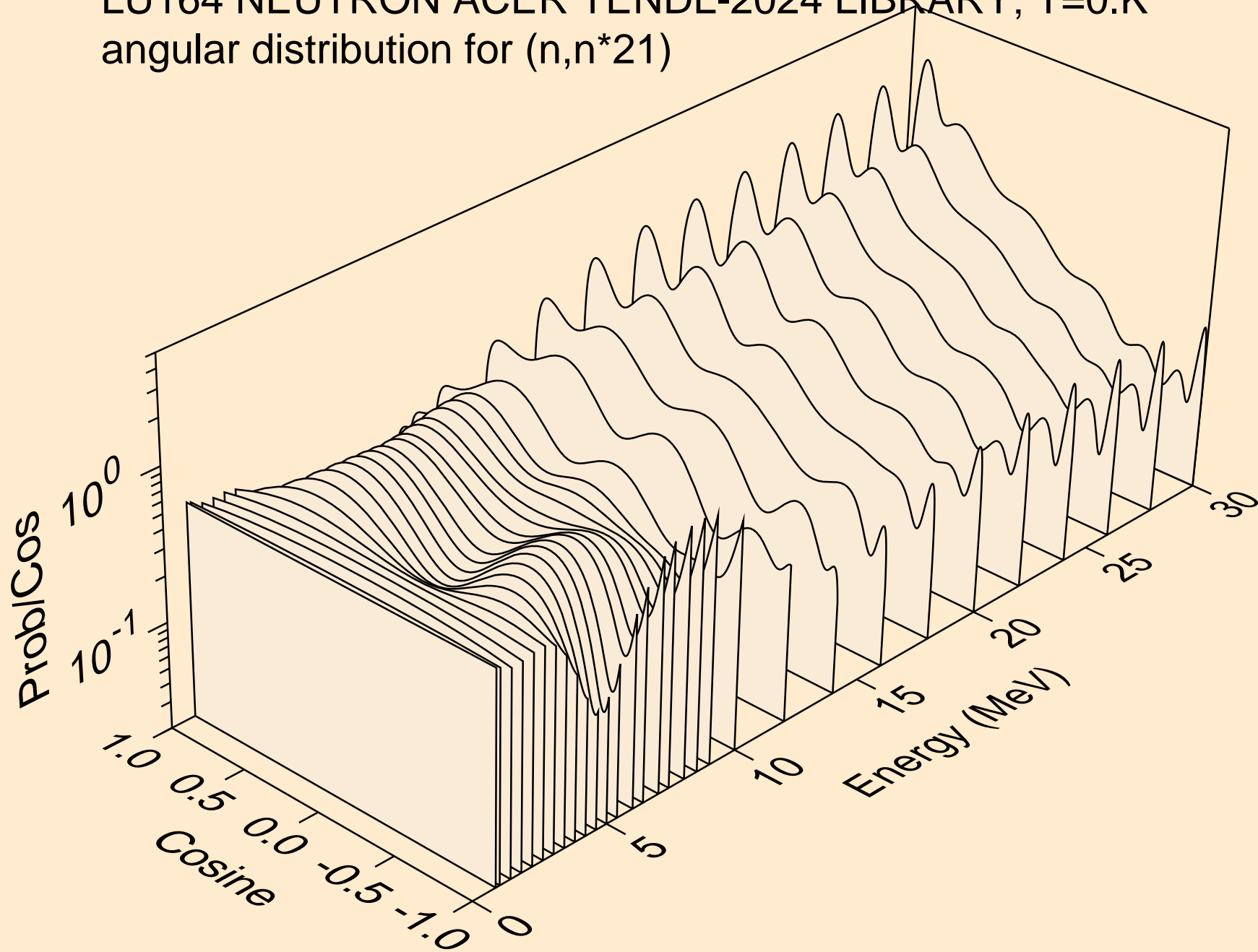
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*19)



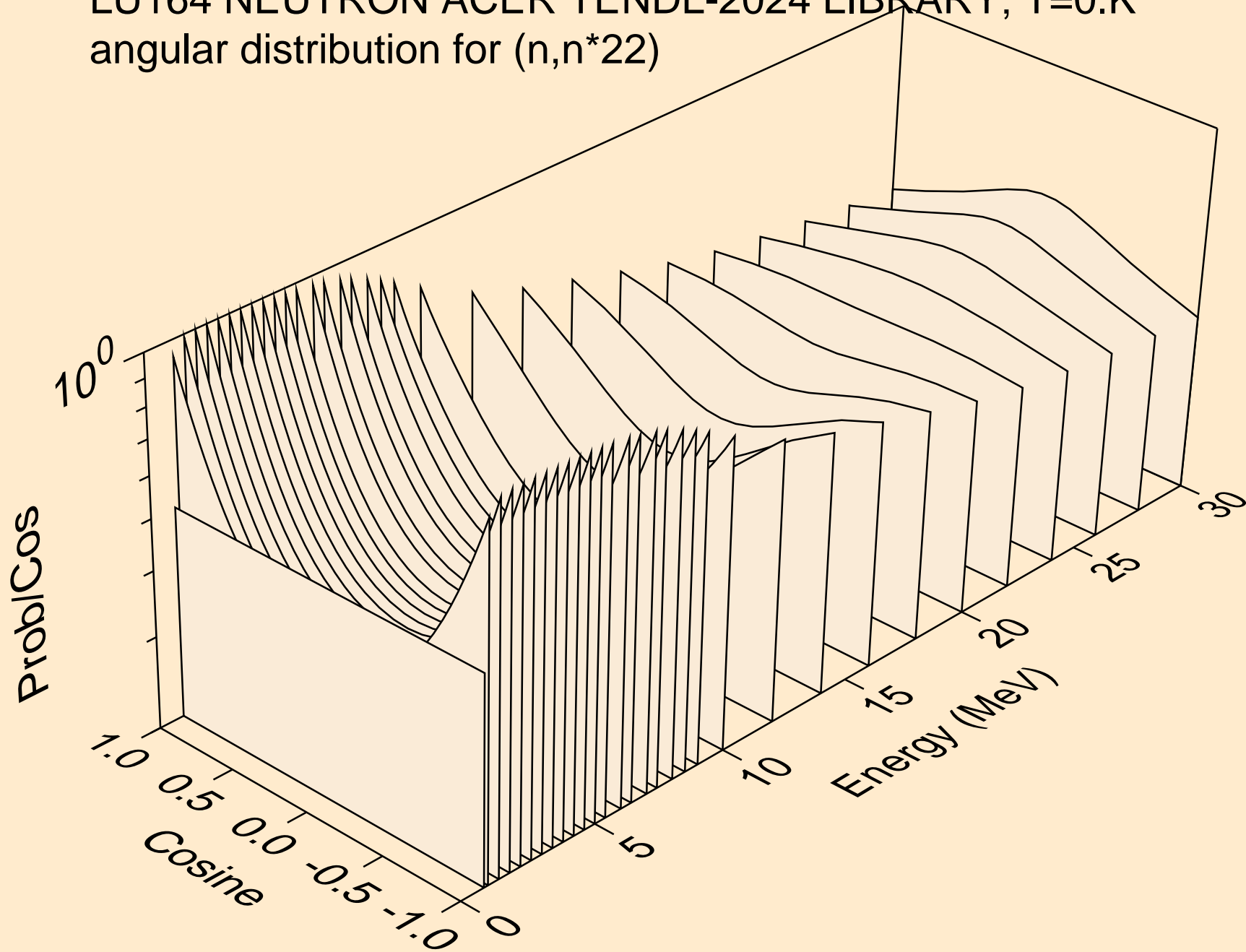
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



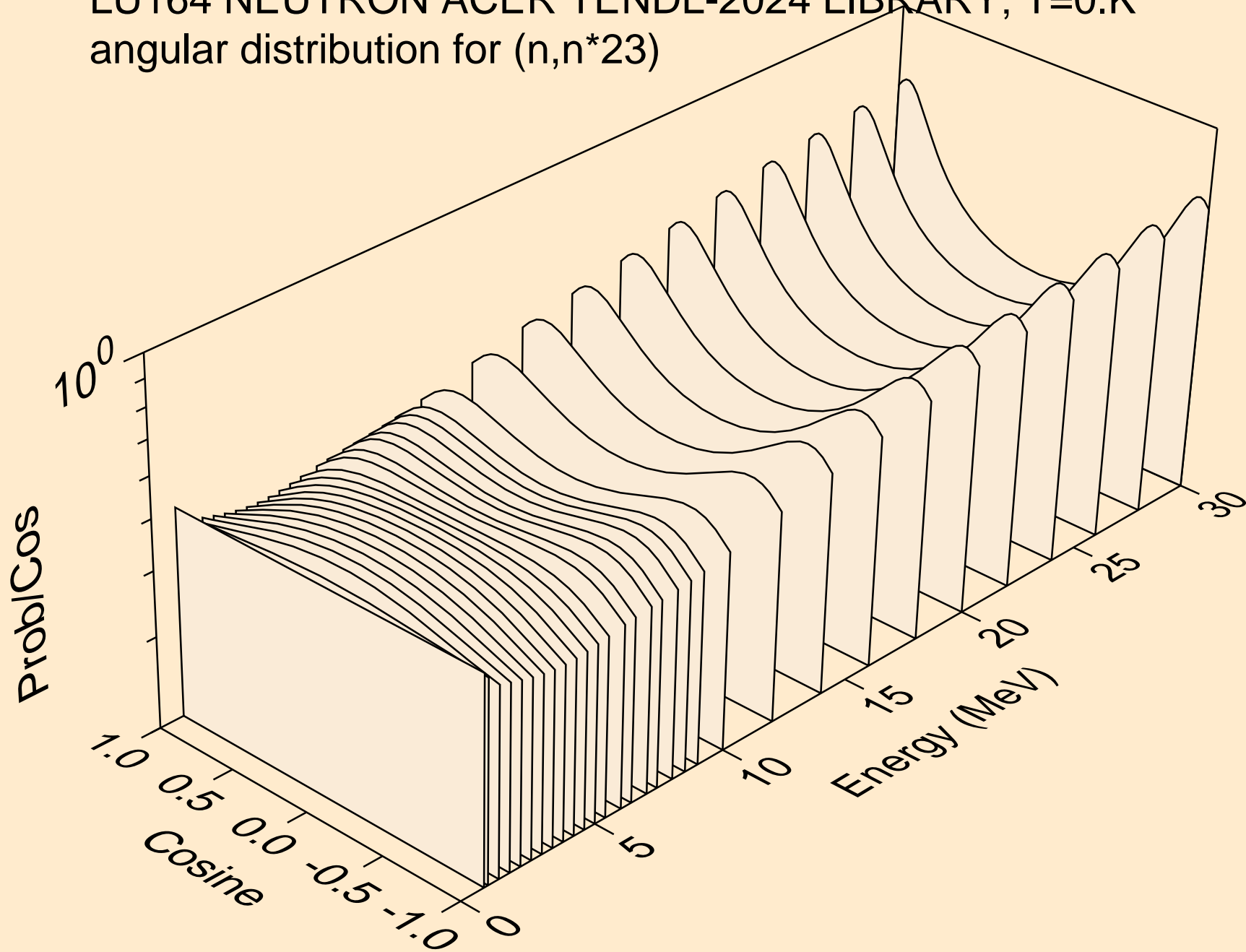
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*21)



LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*22)

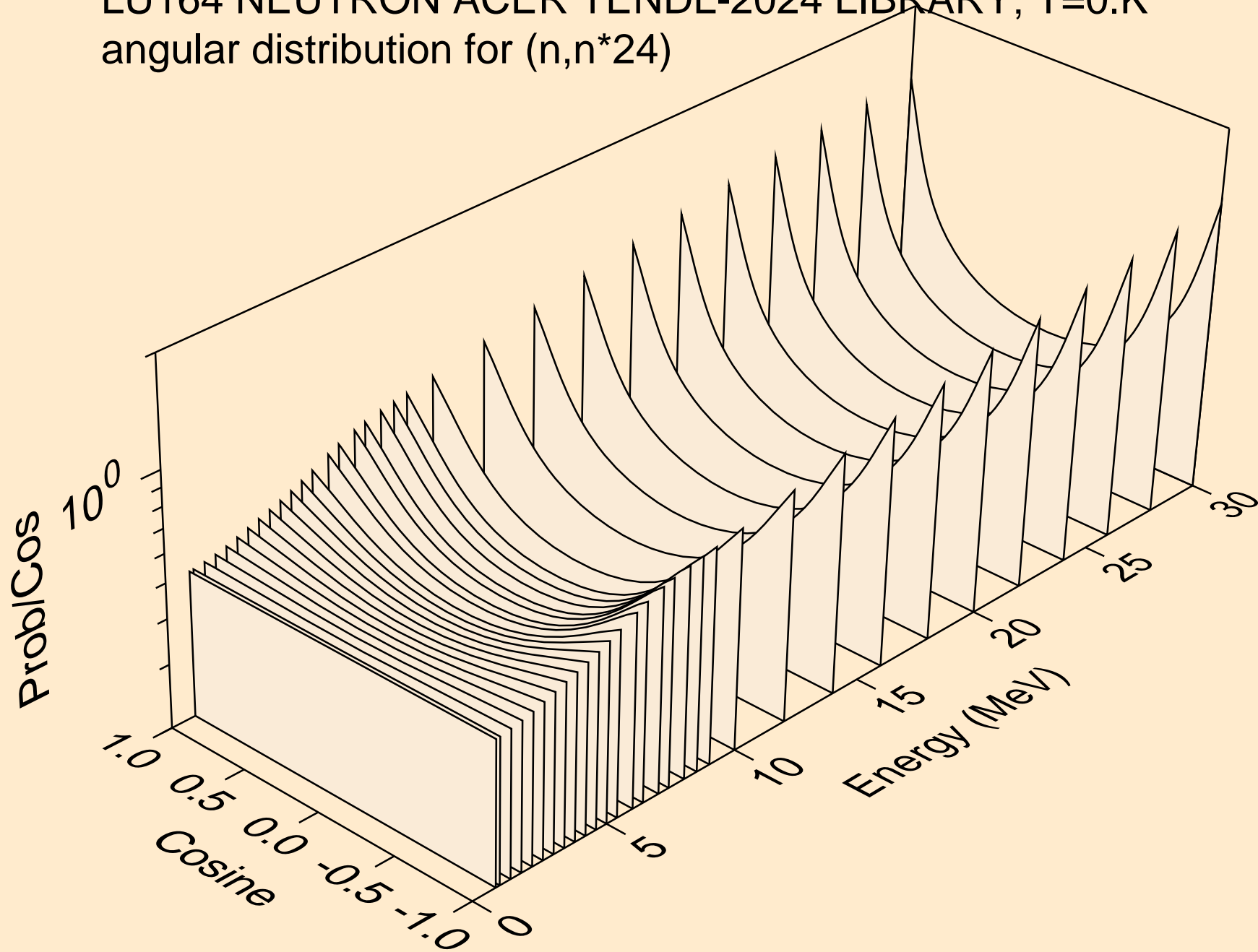


LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*23)

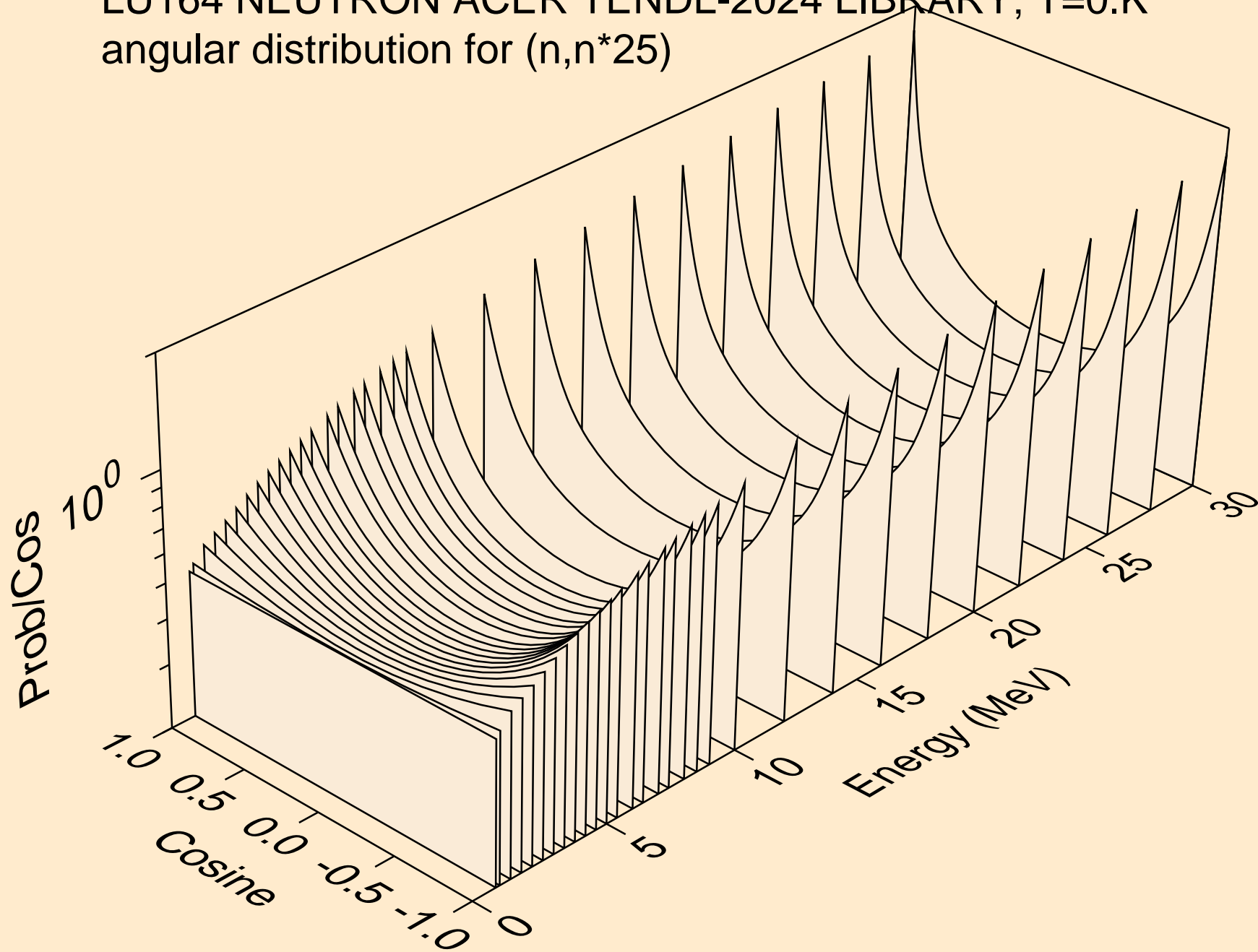




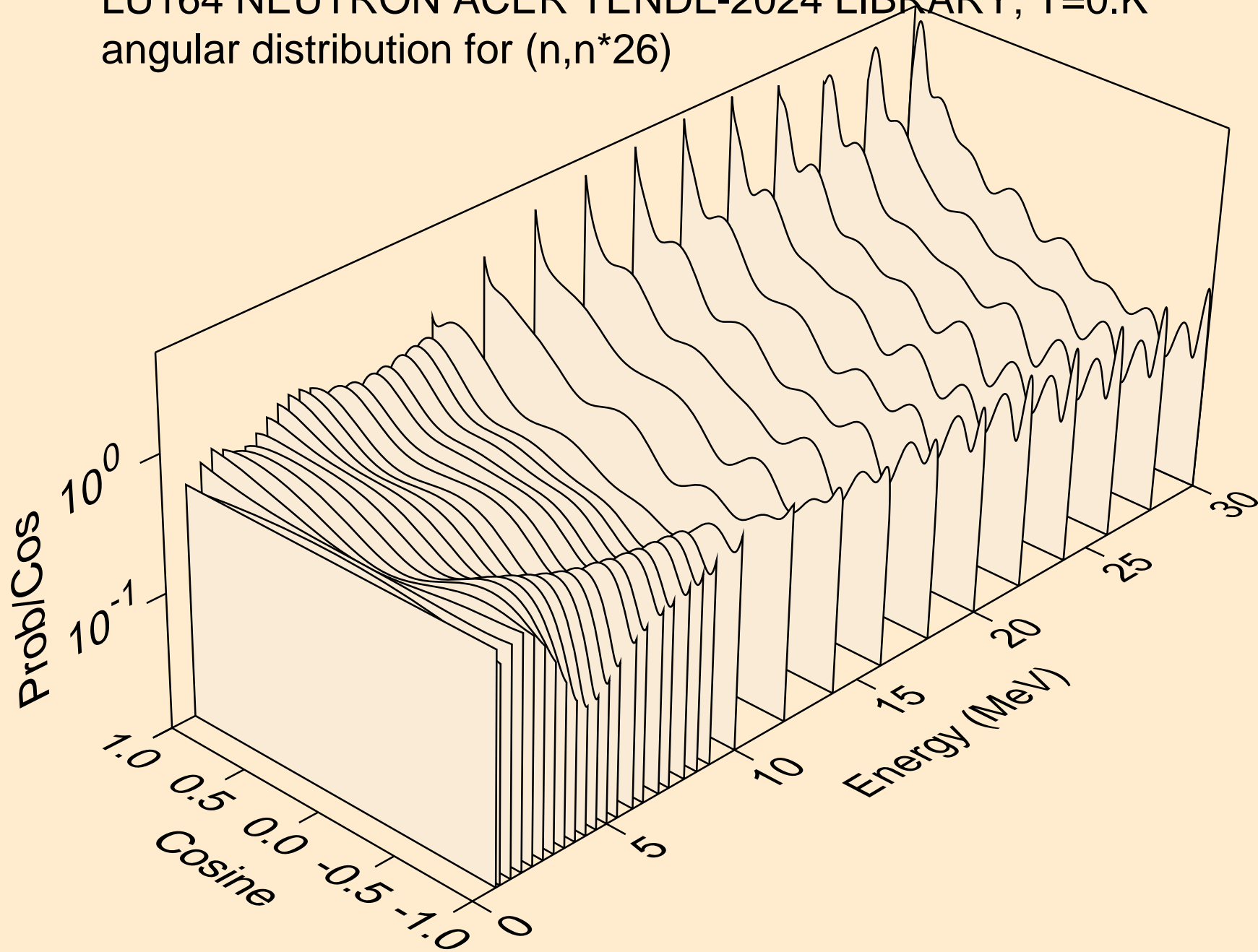
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*24)



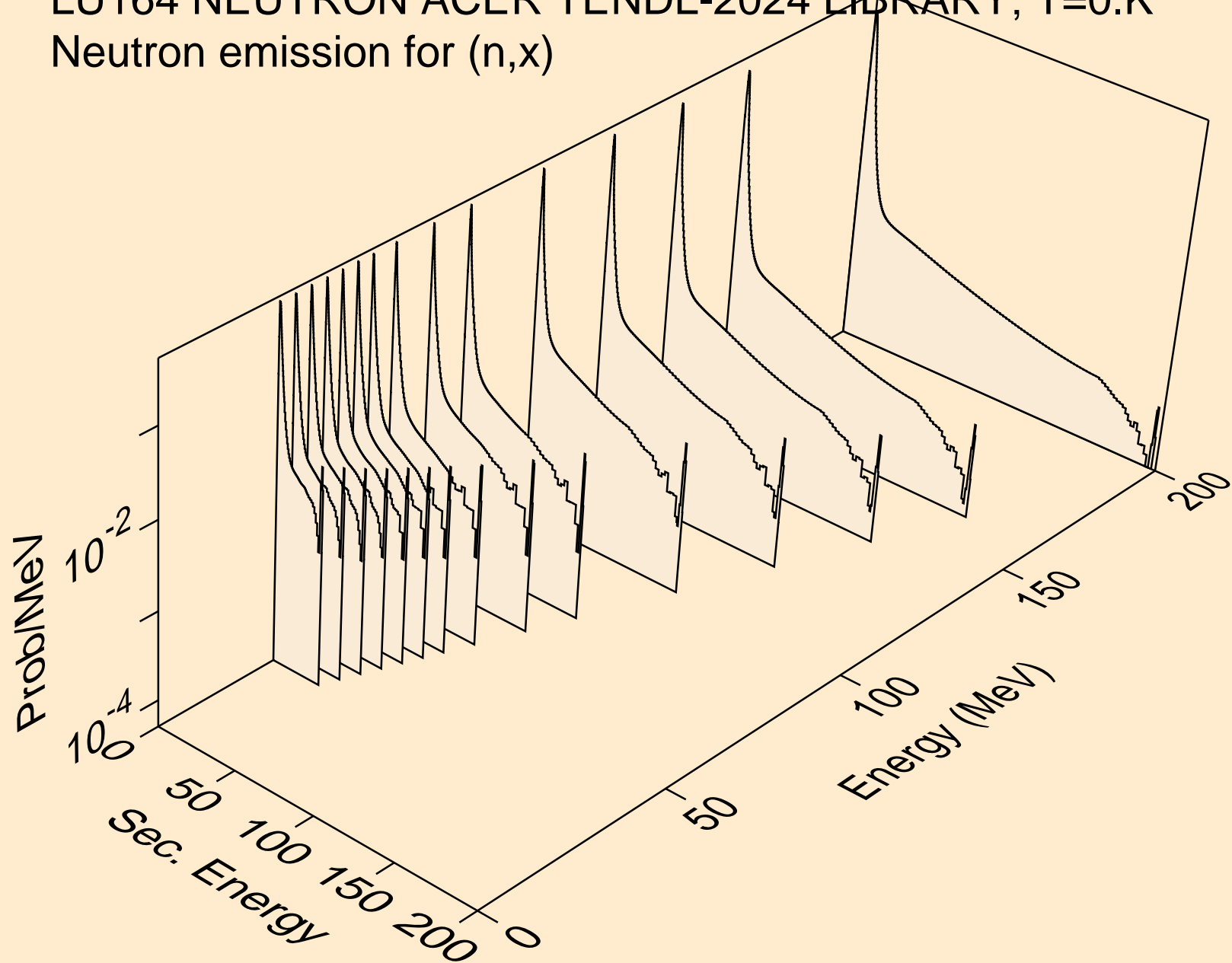
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



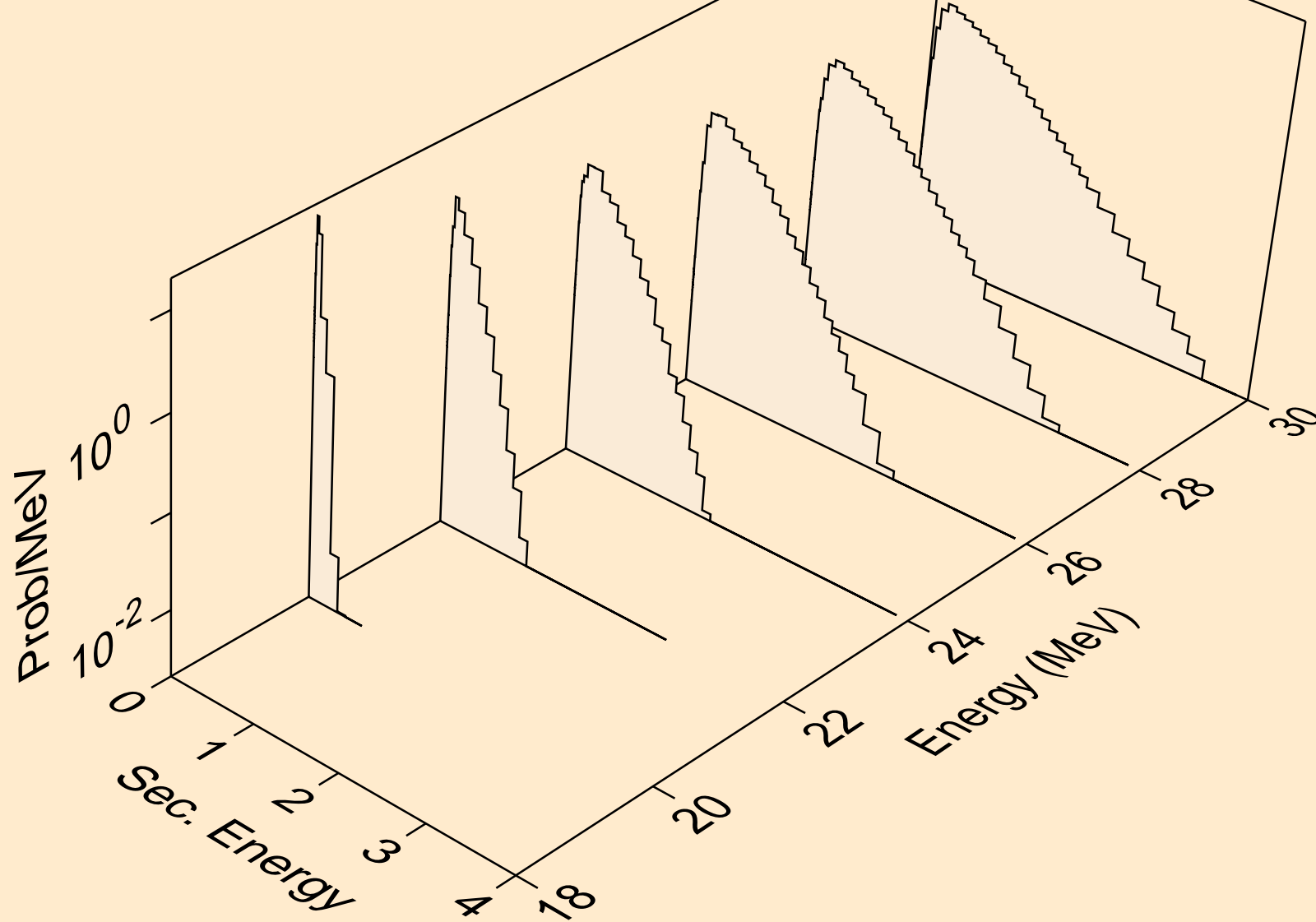
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)



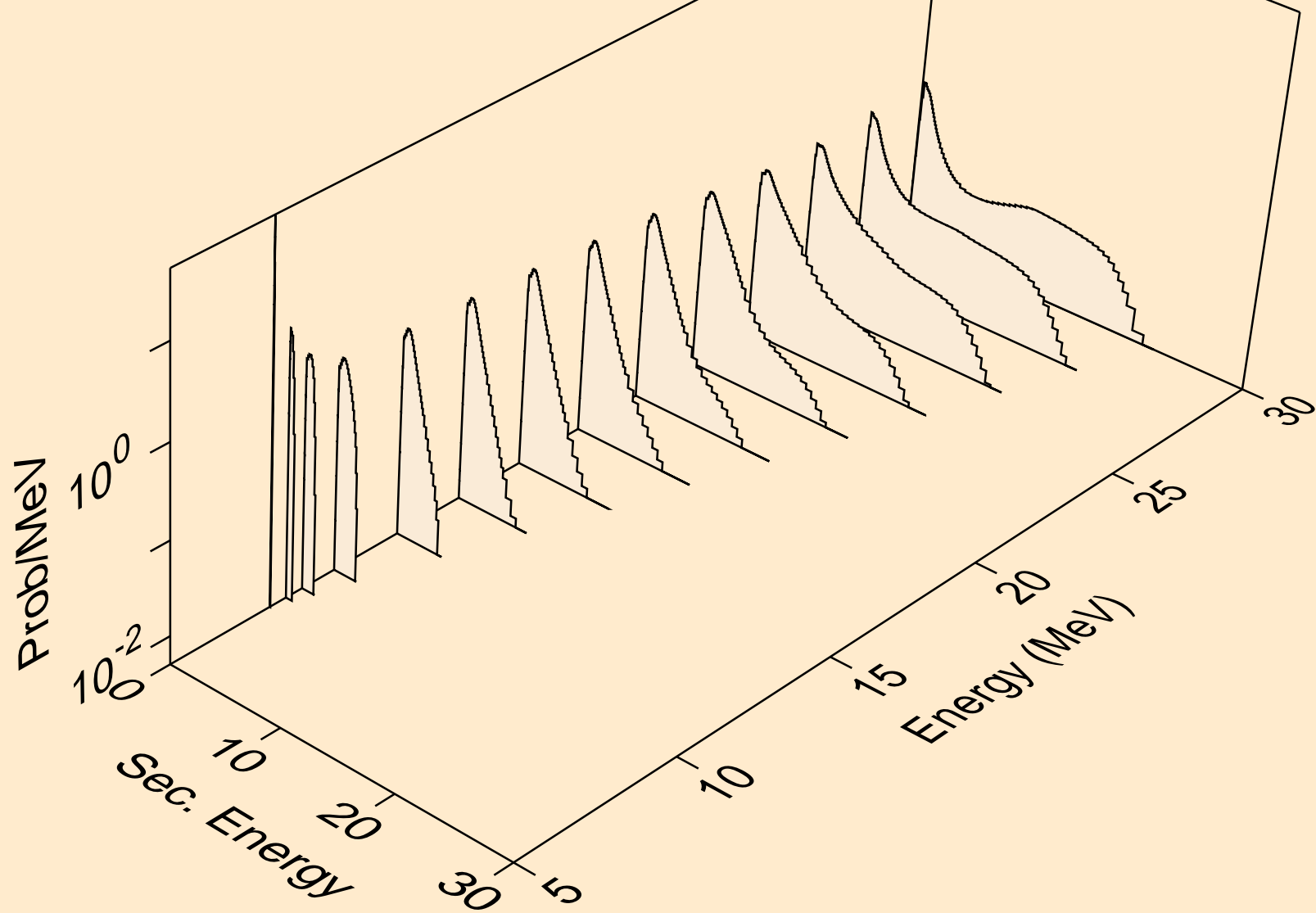
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



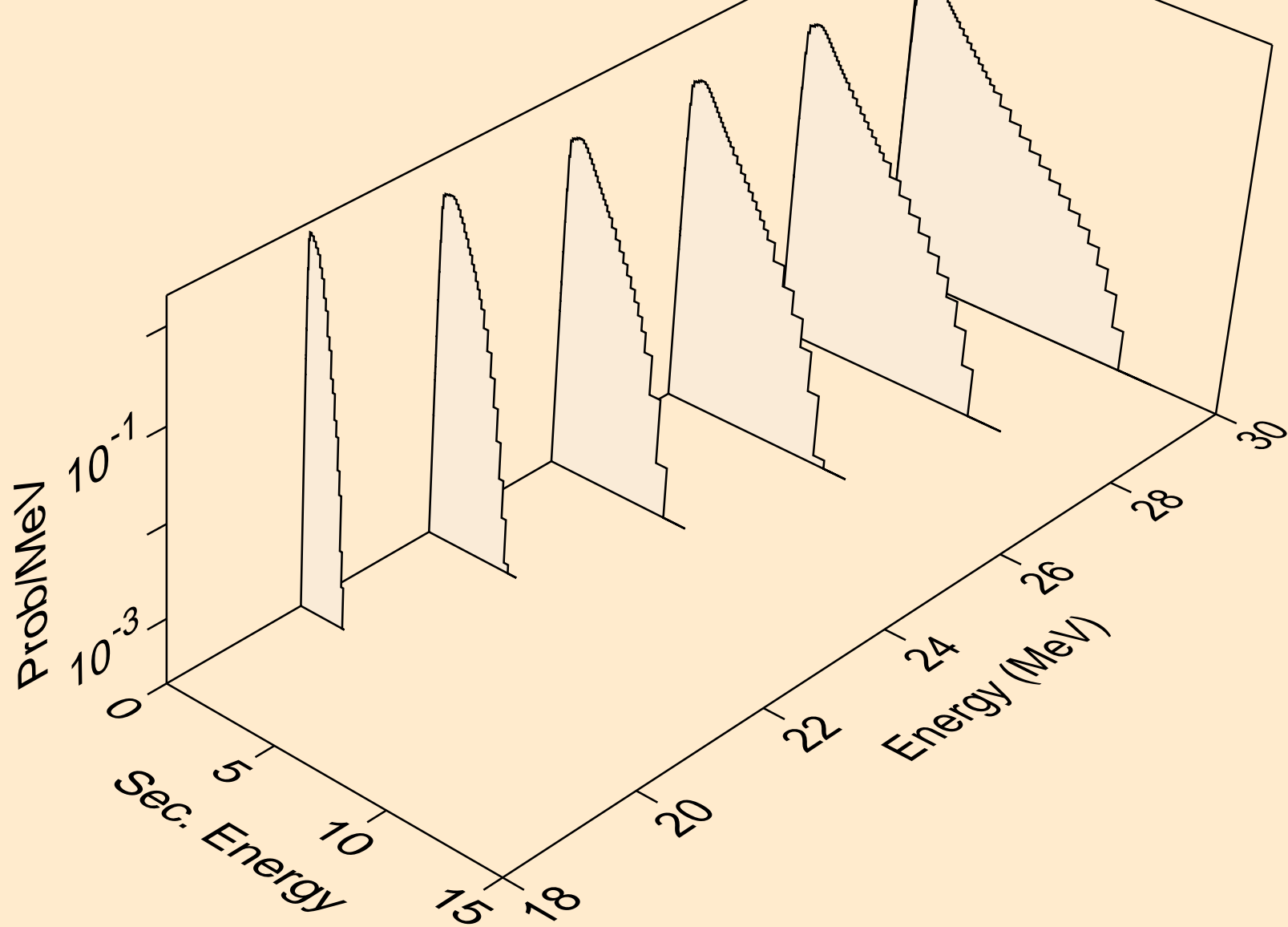
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



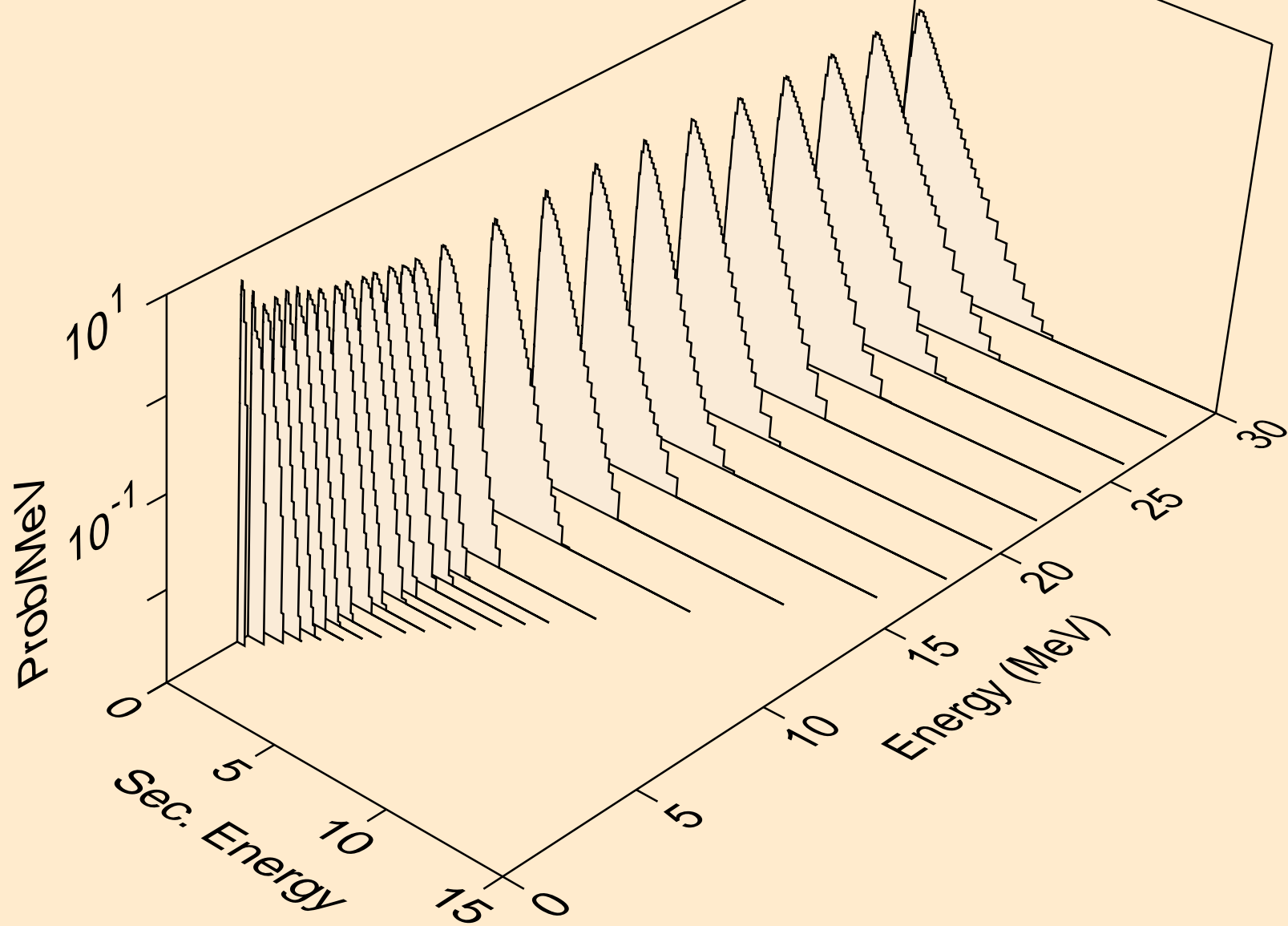
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)

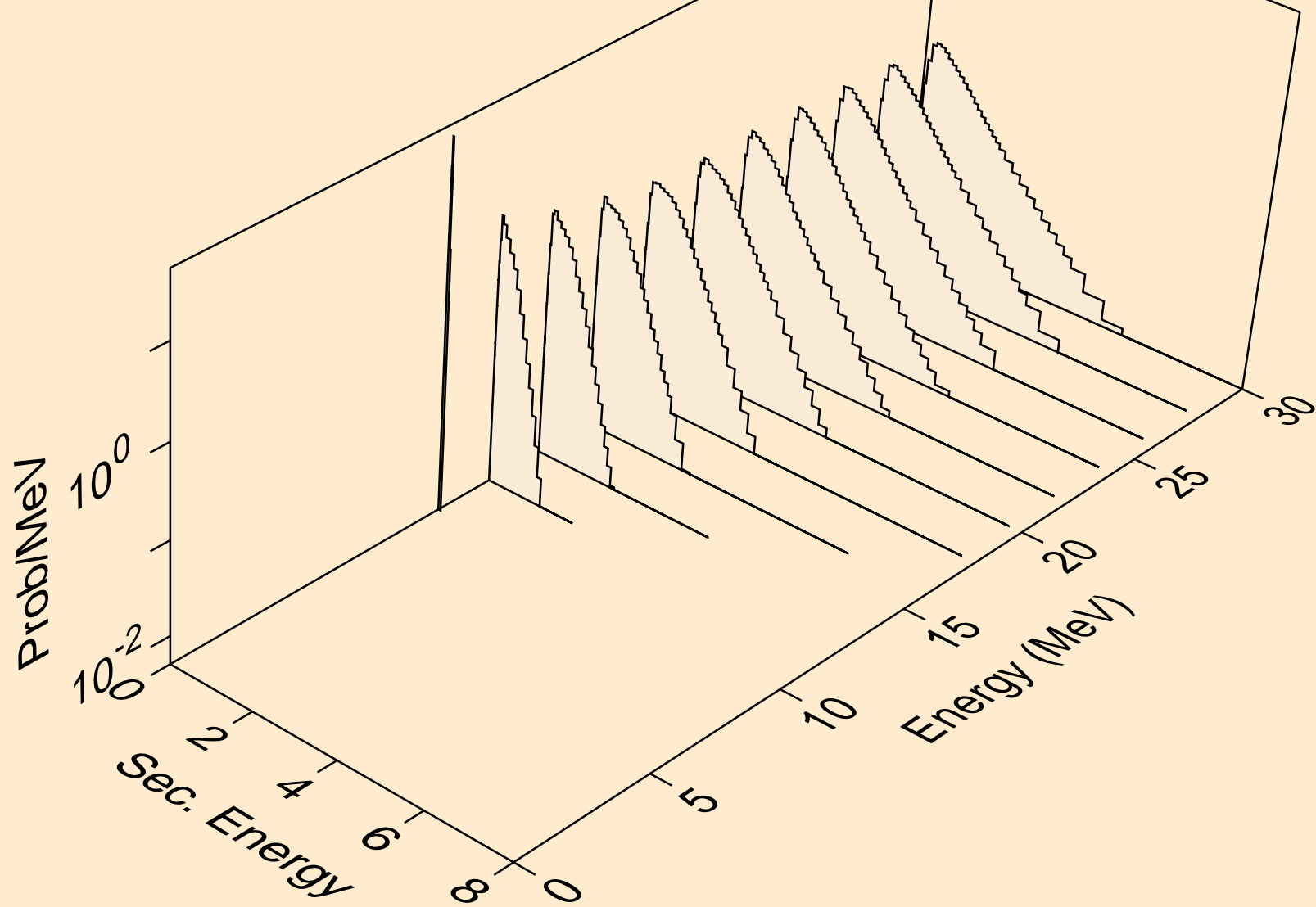


LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a

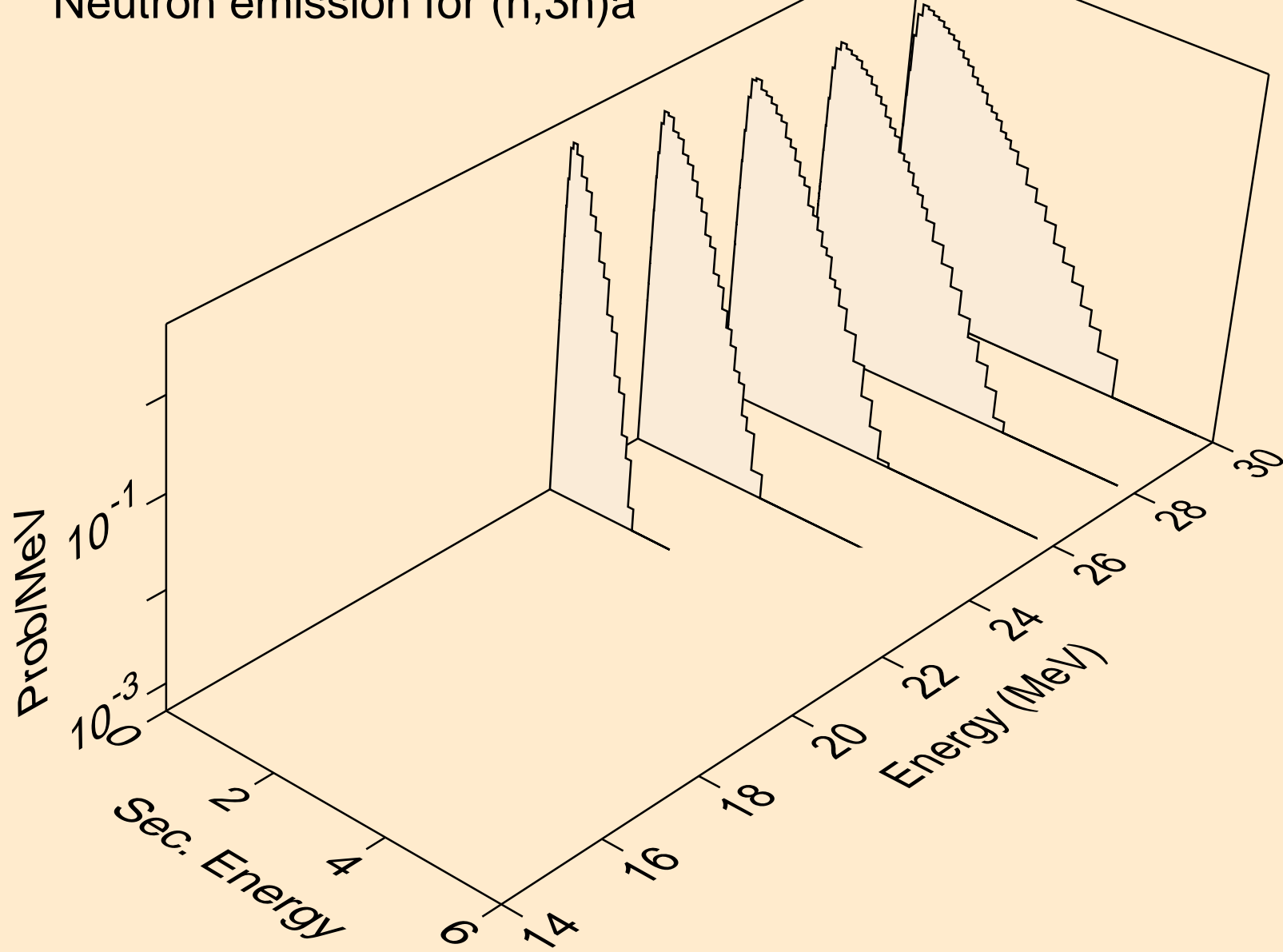




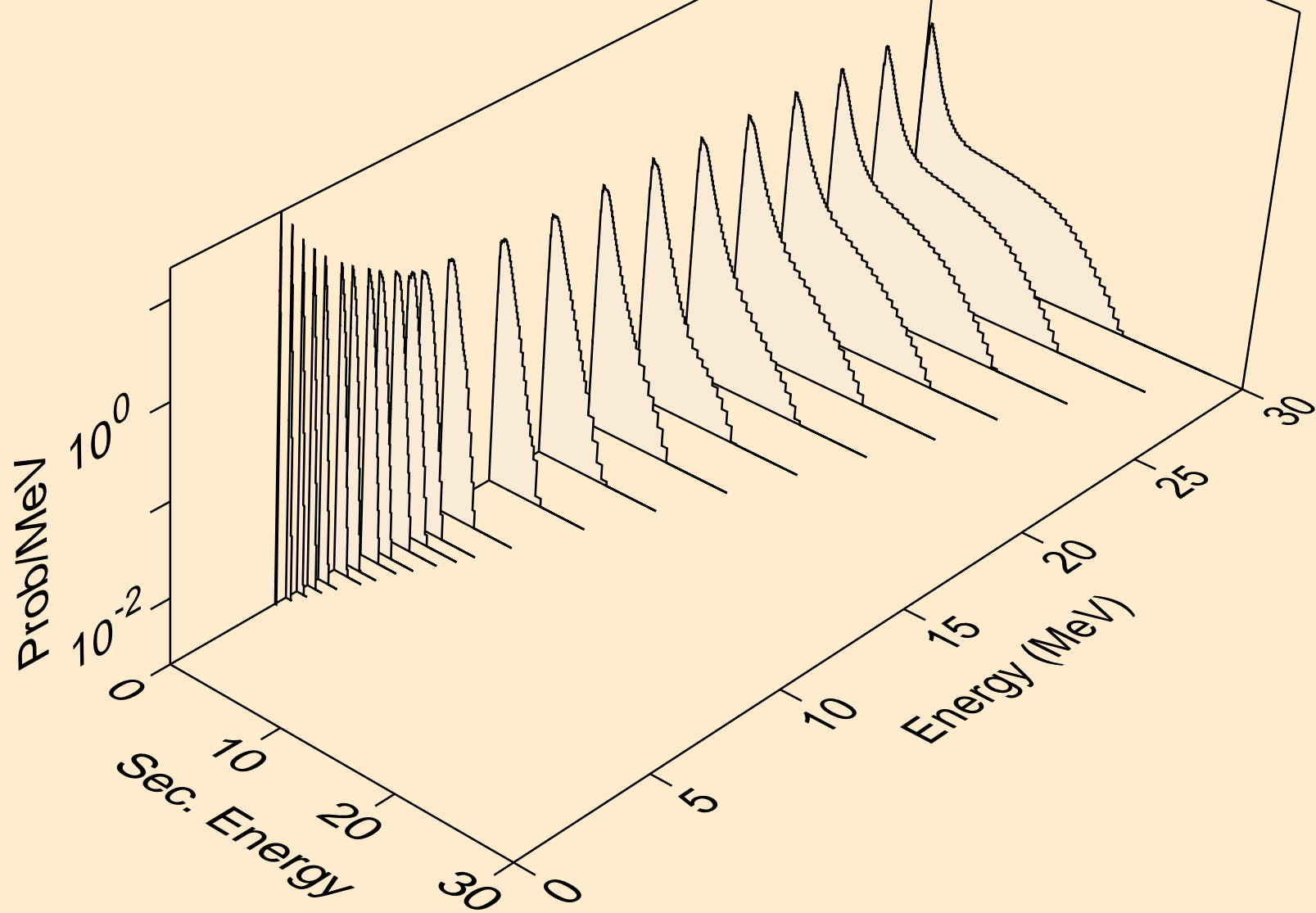
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



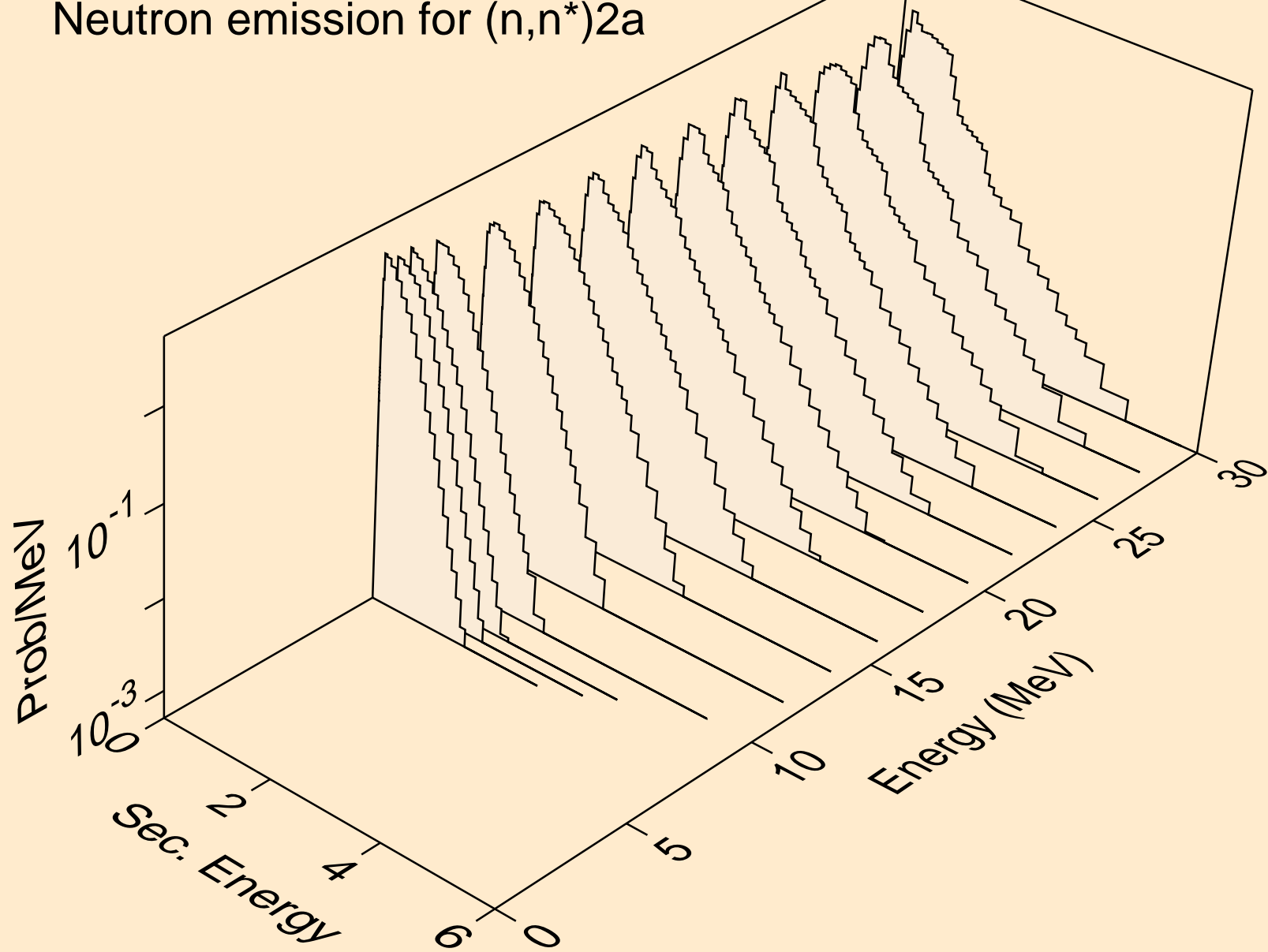
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



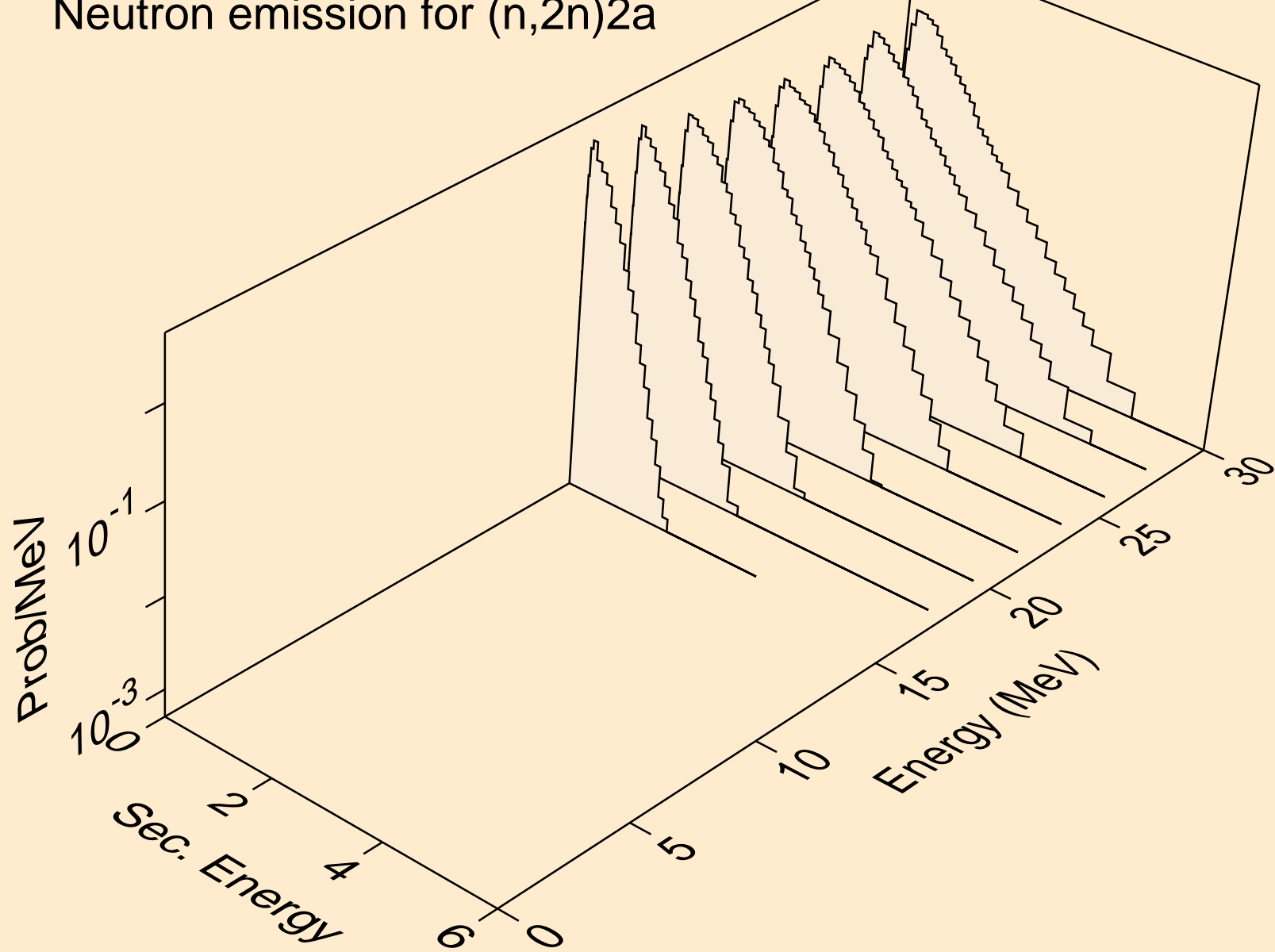
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



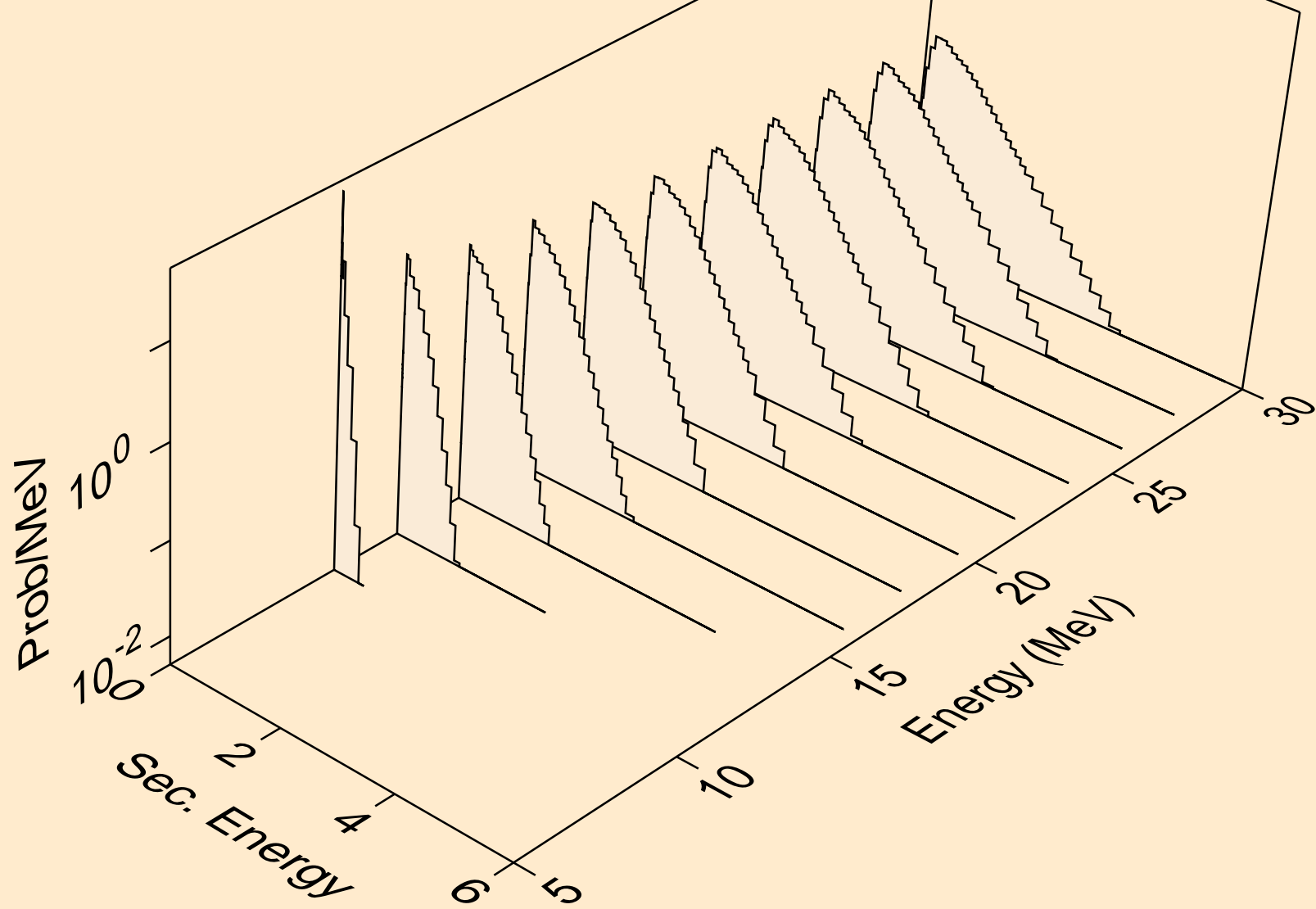
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



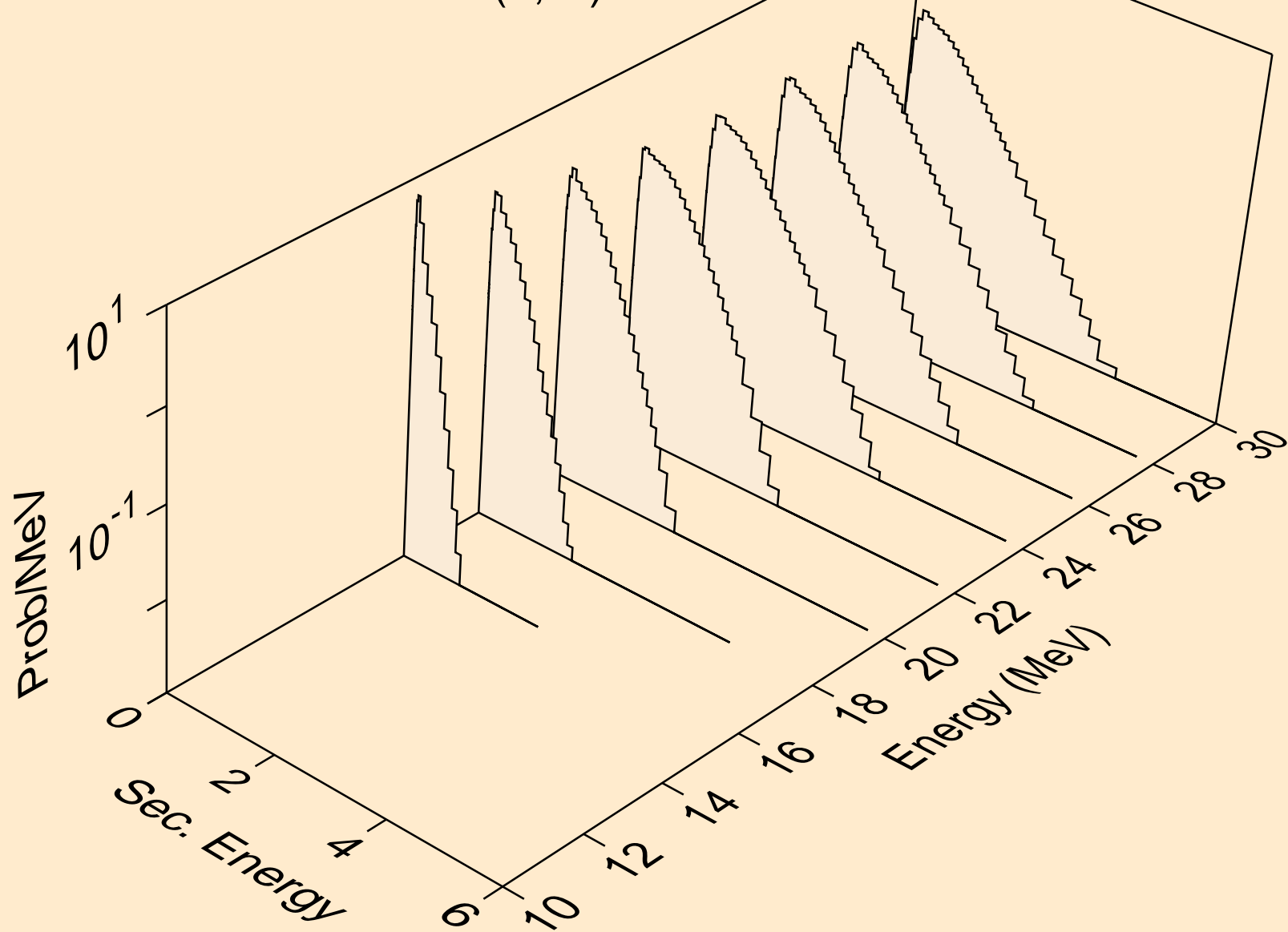
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)2a



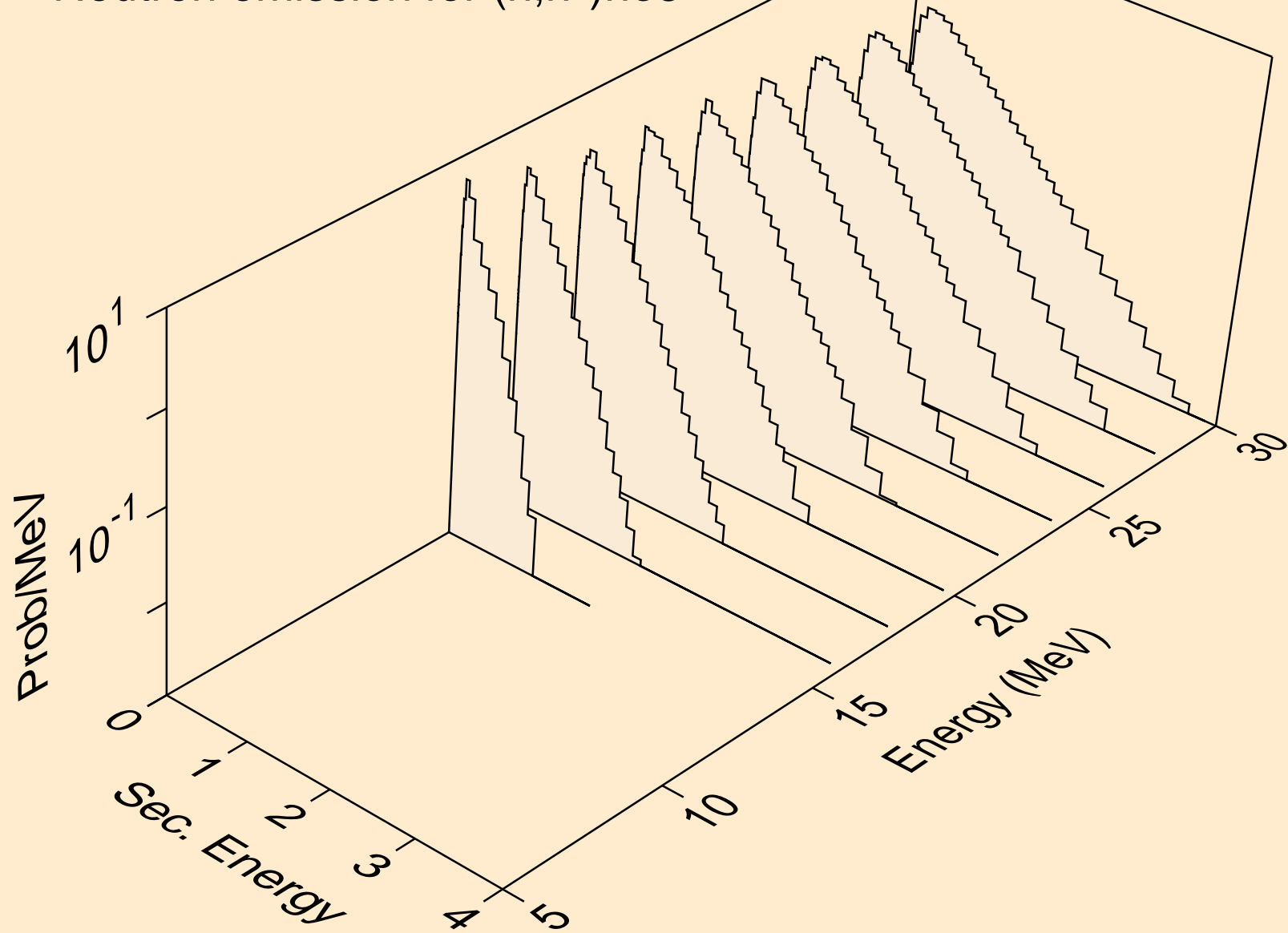
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t

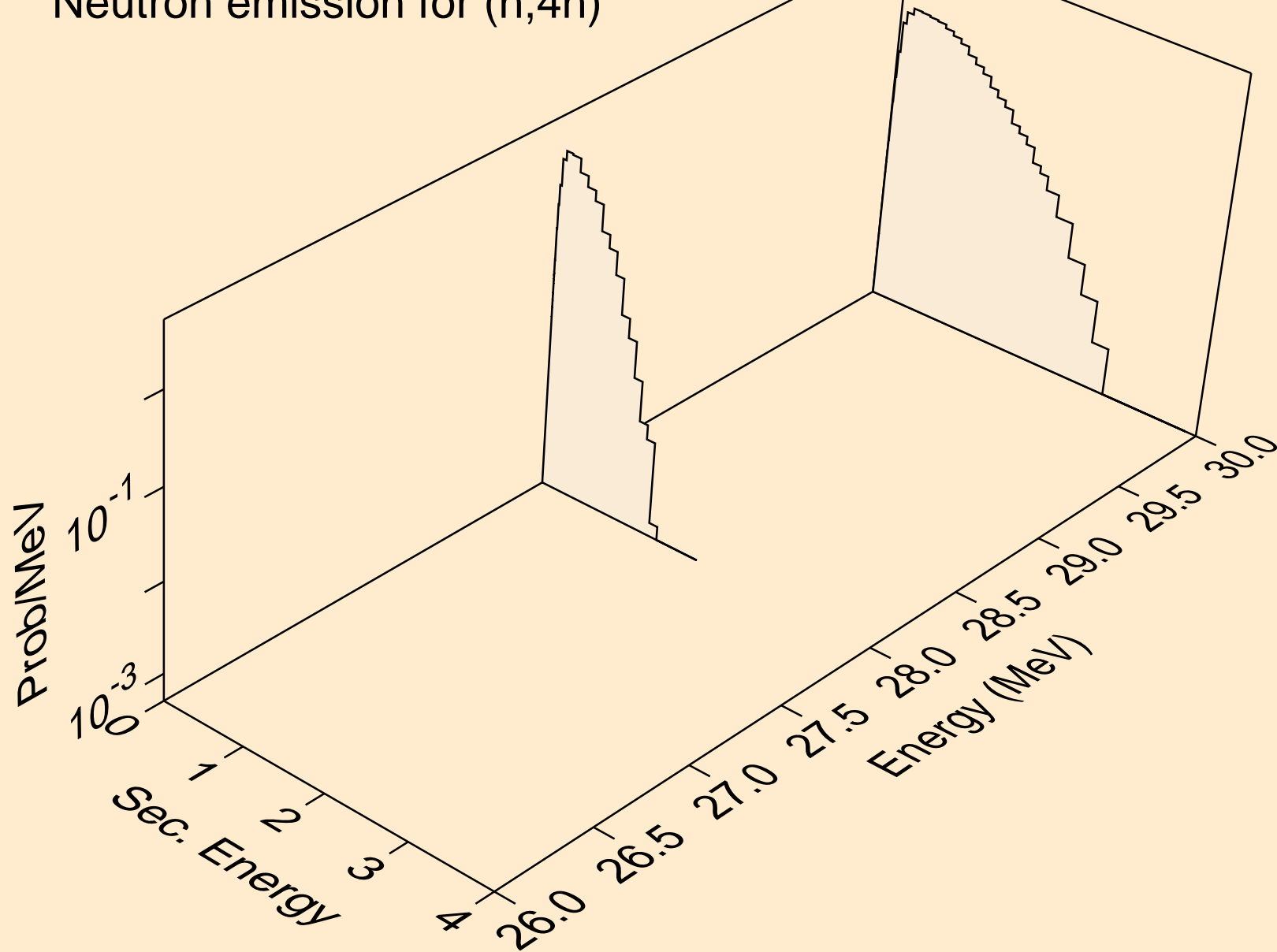


LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3

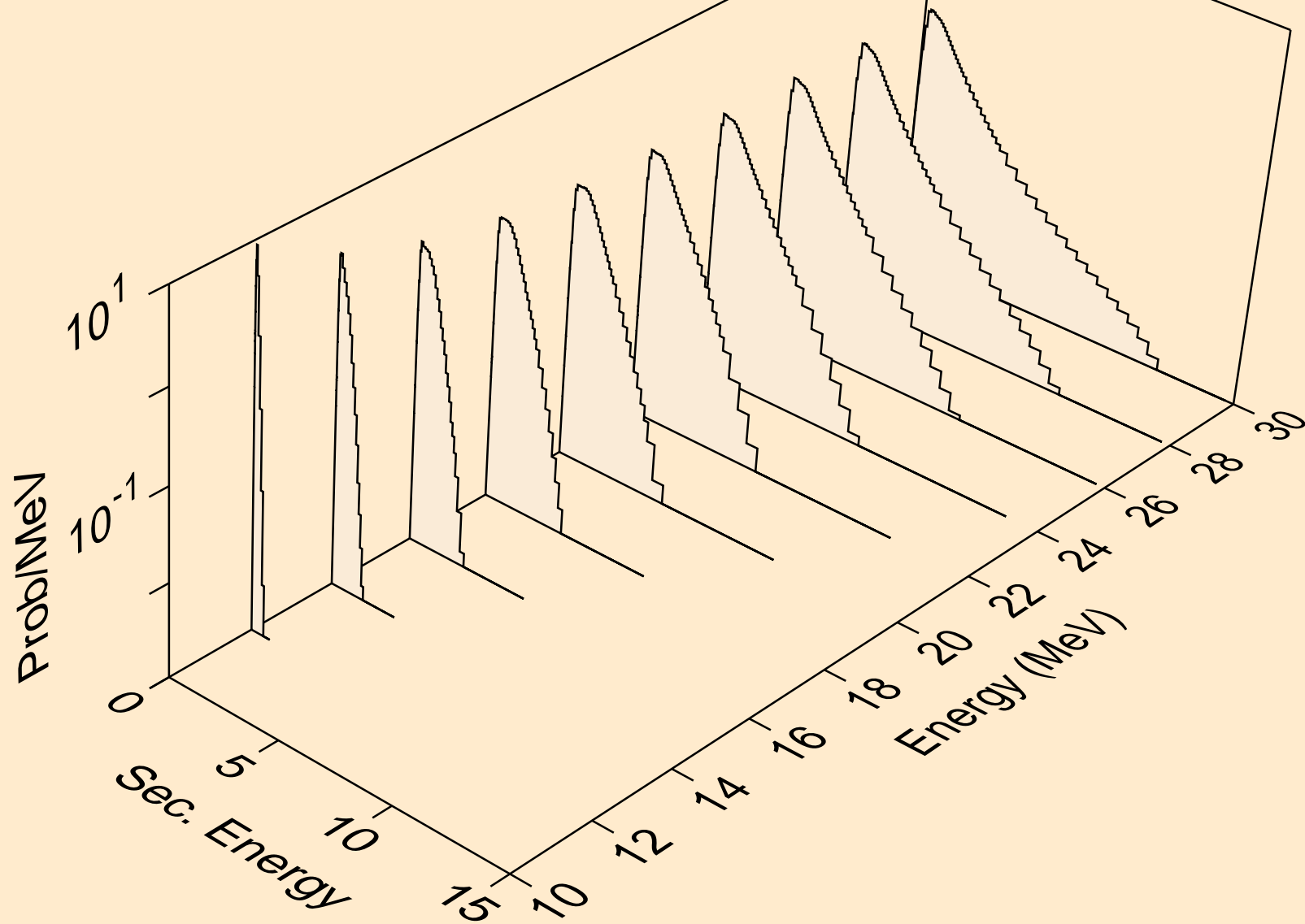




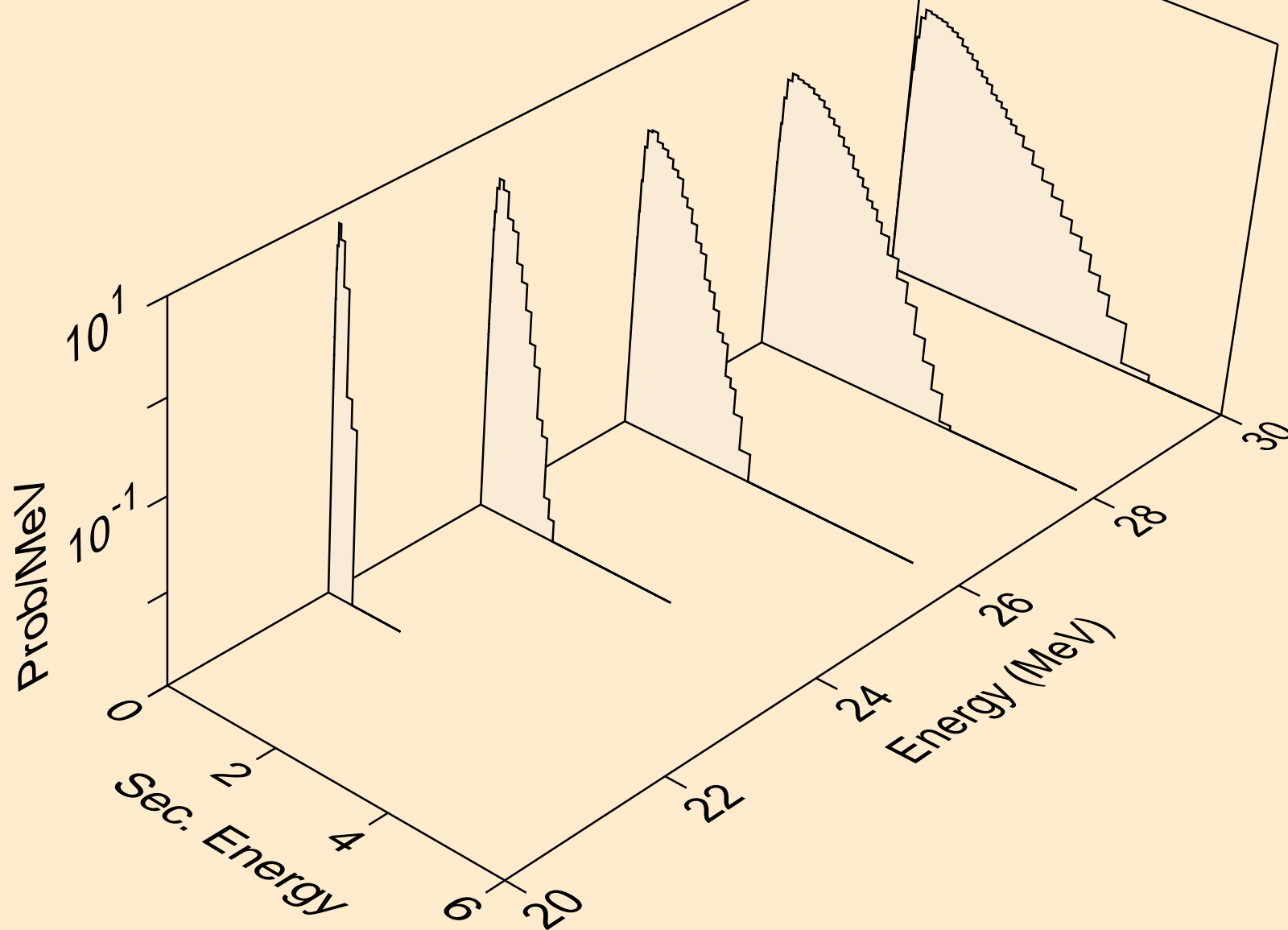
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



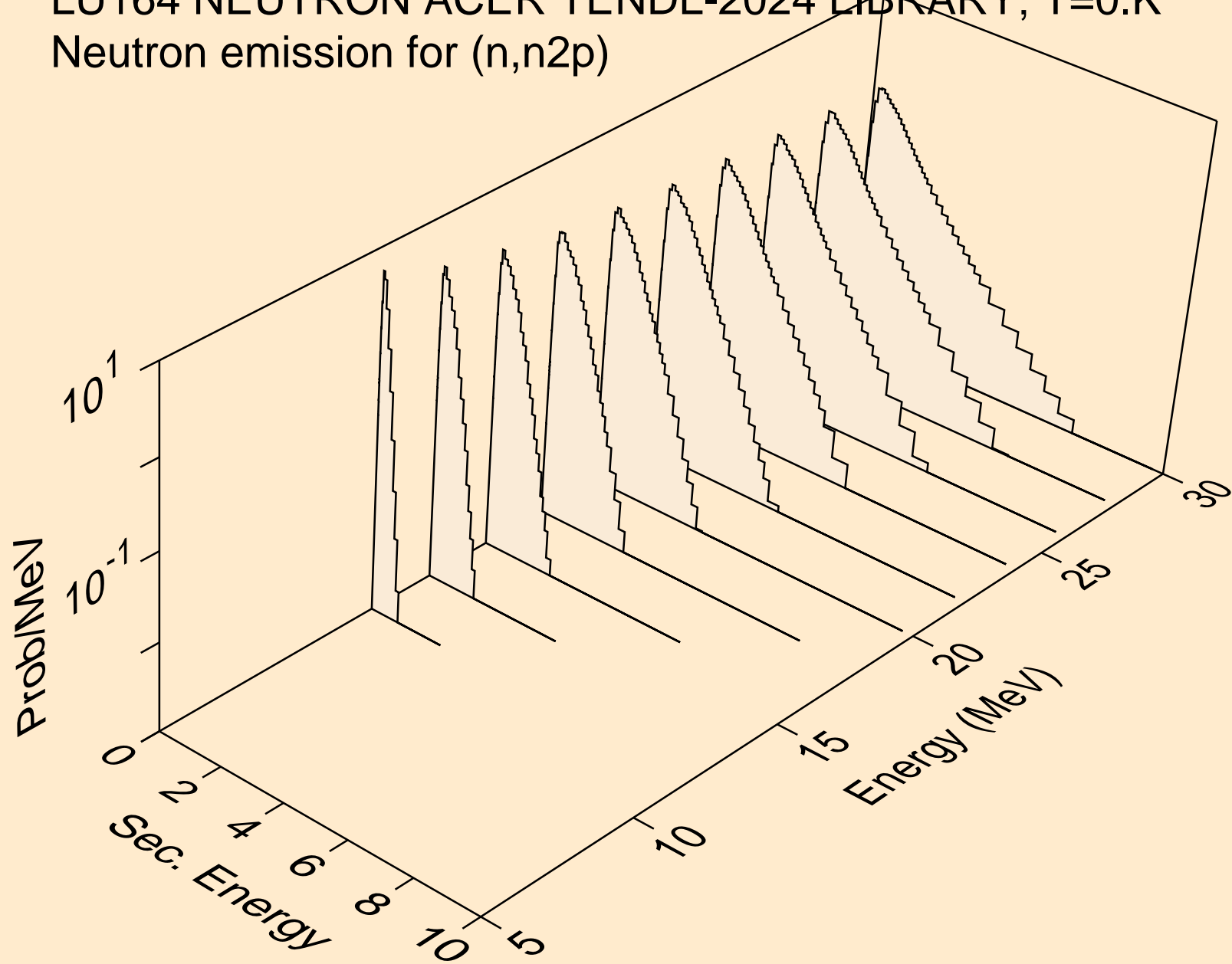
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



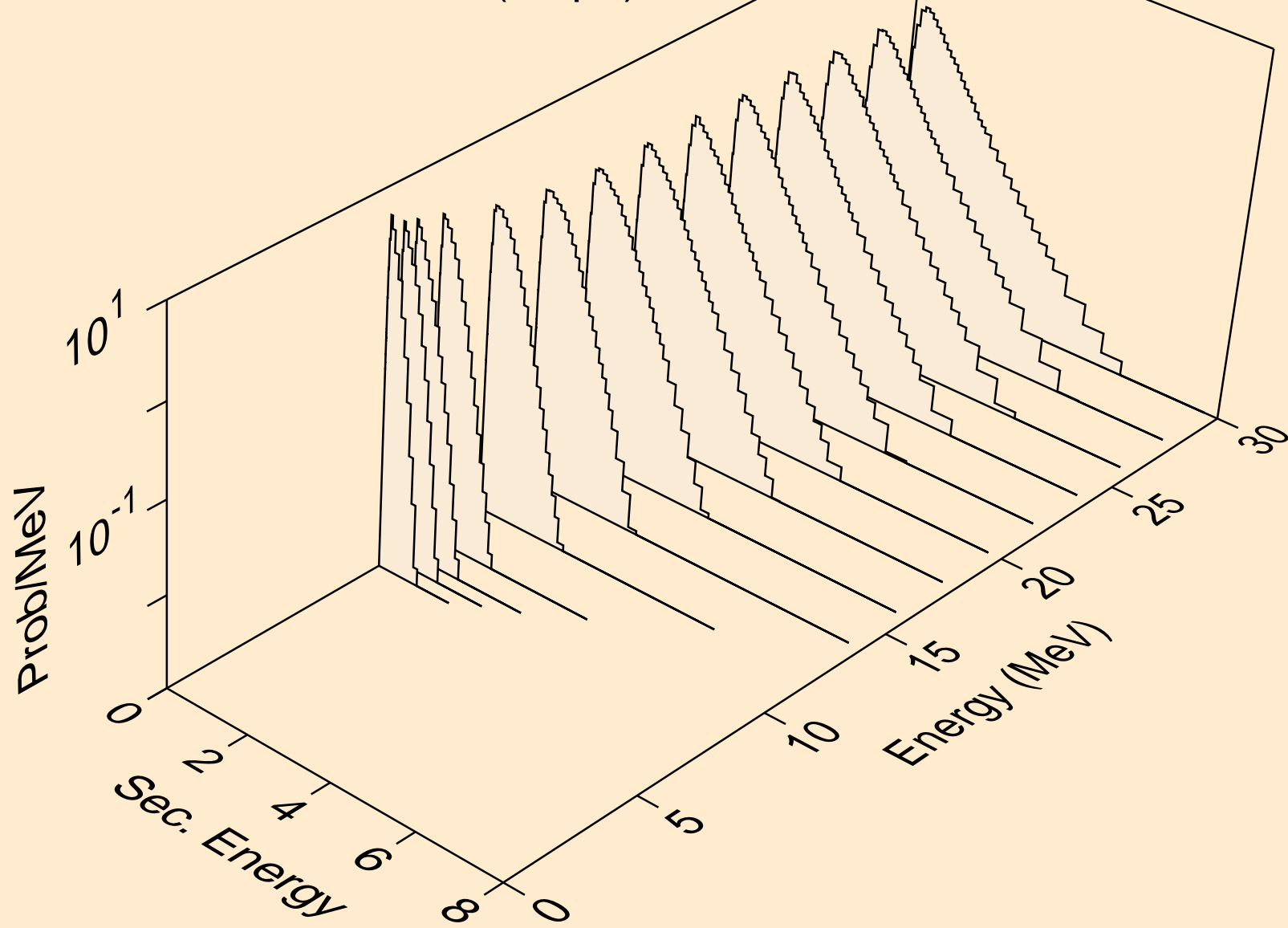
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



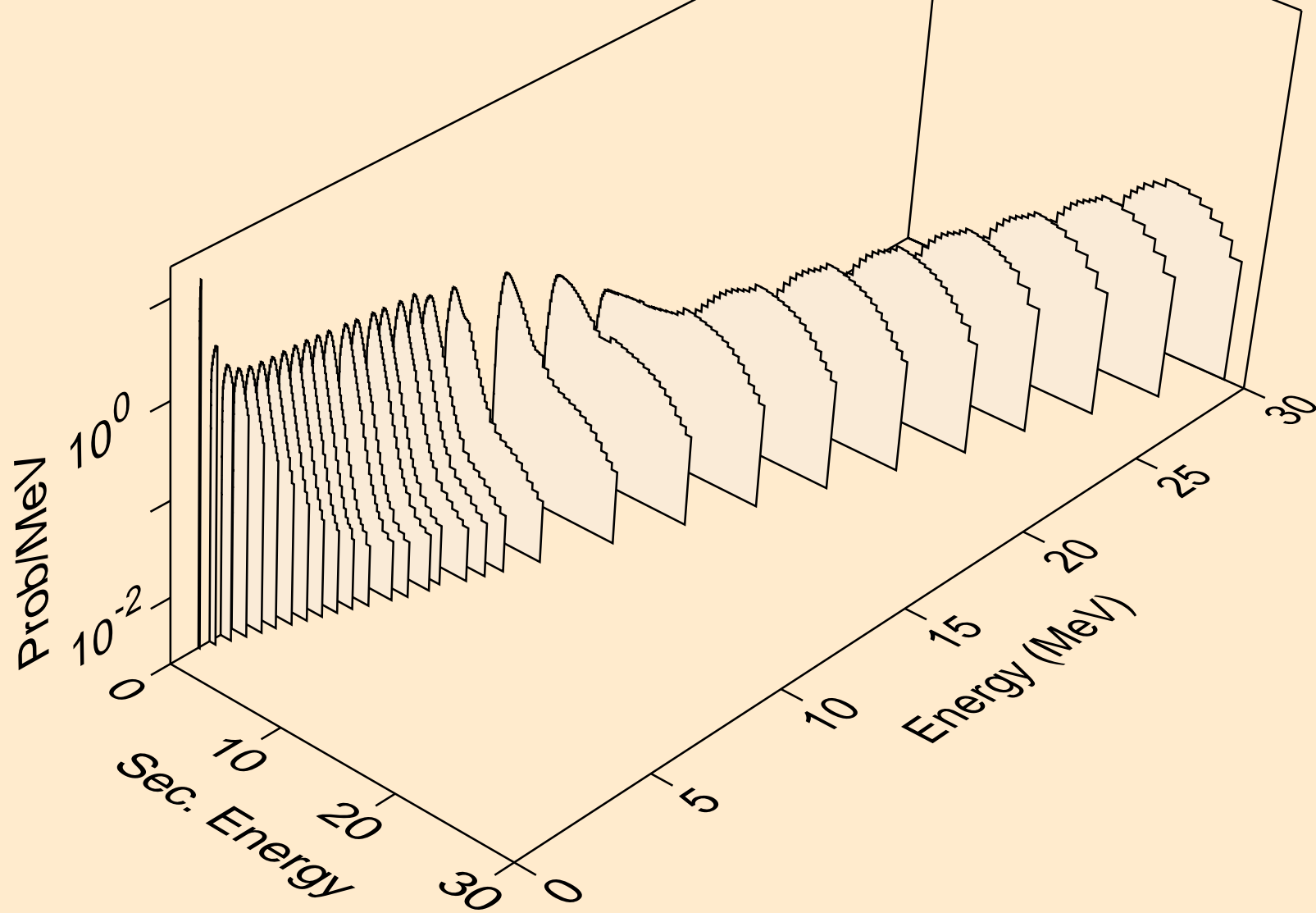
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



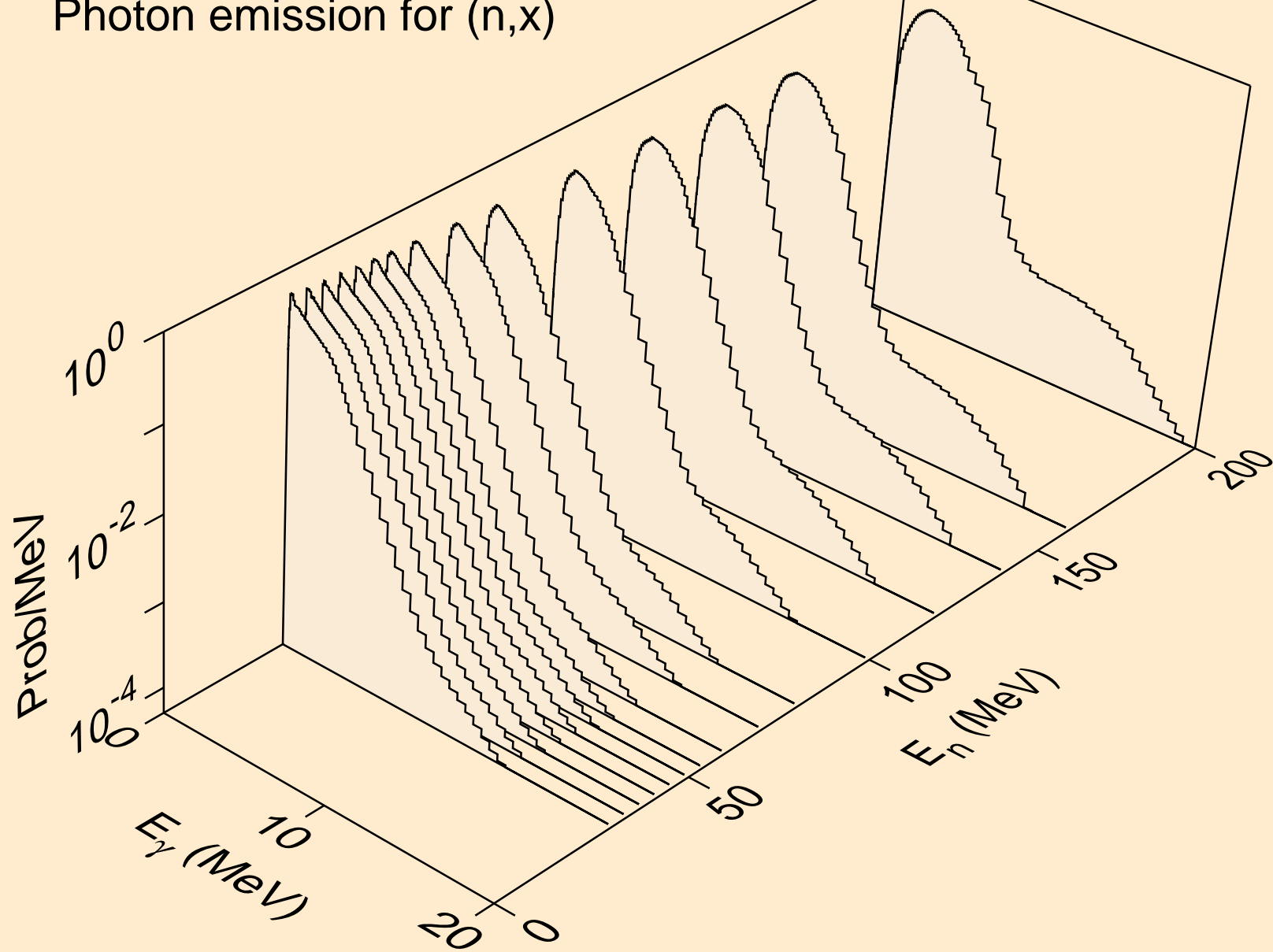
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)



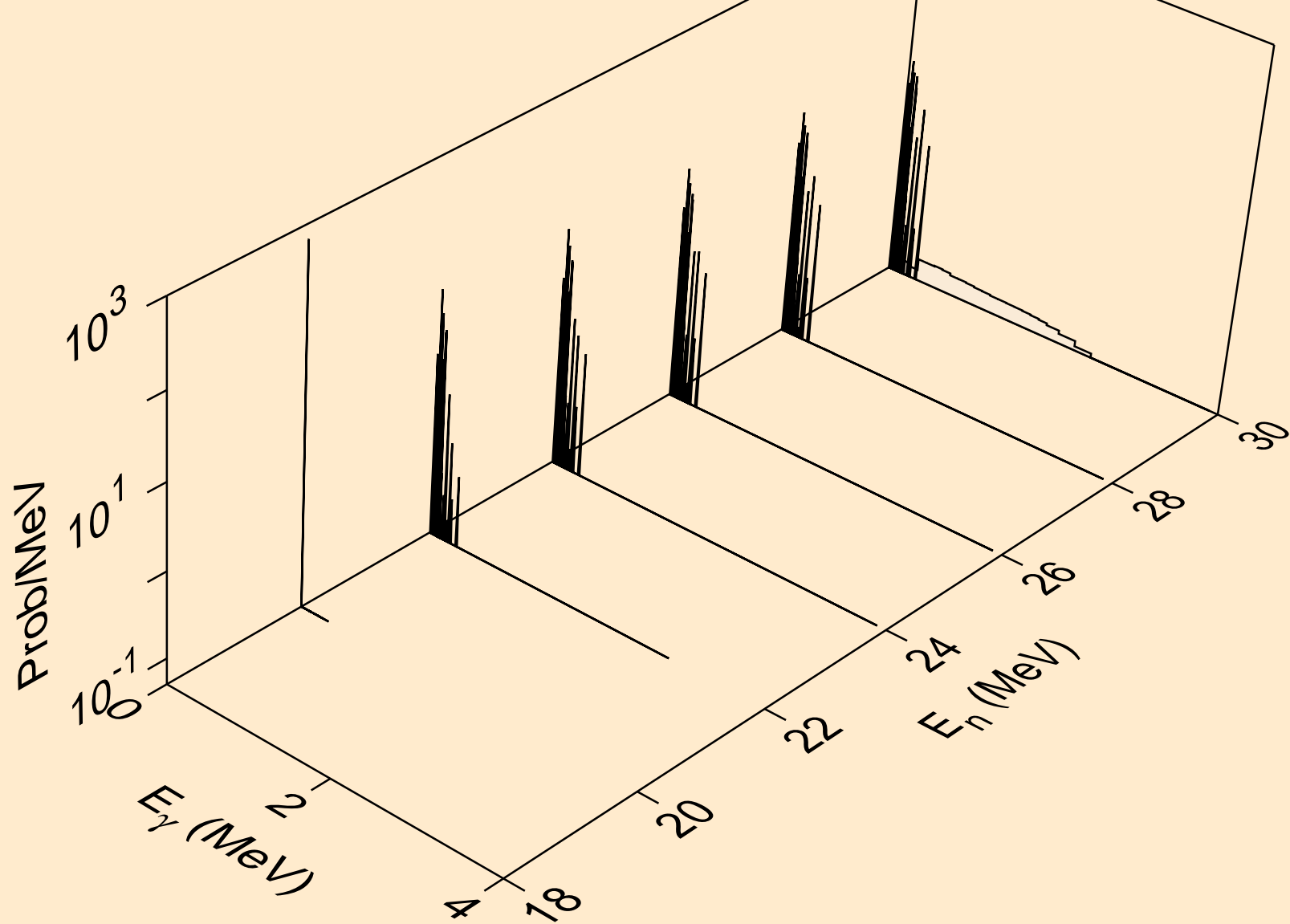
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)

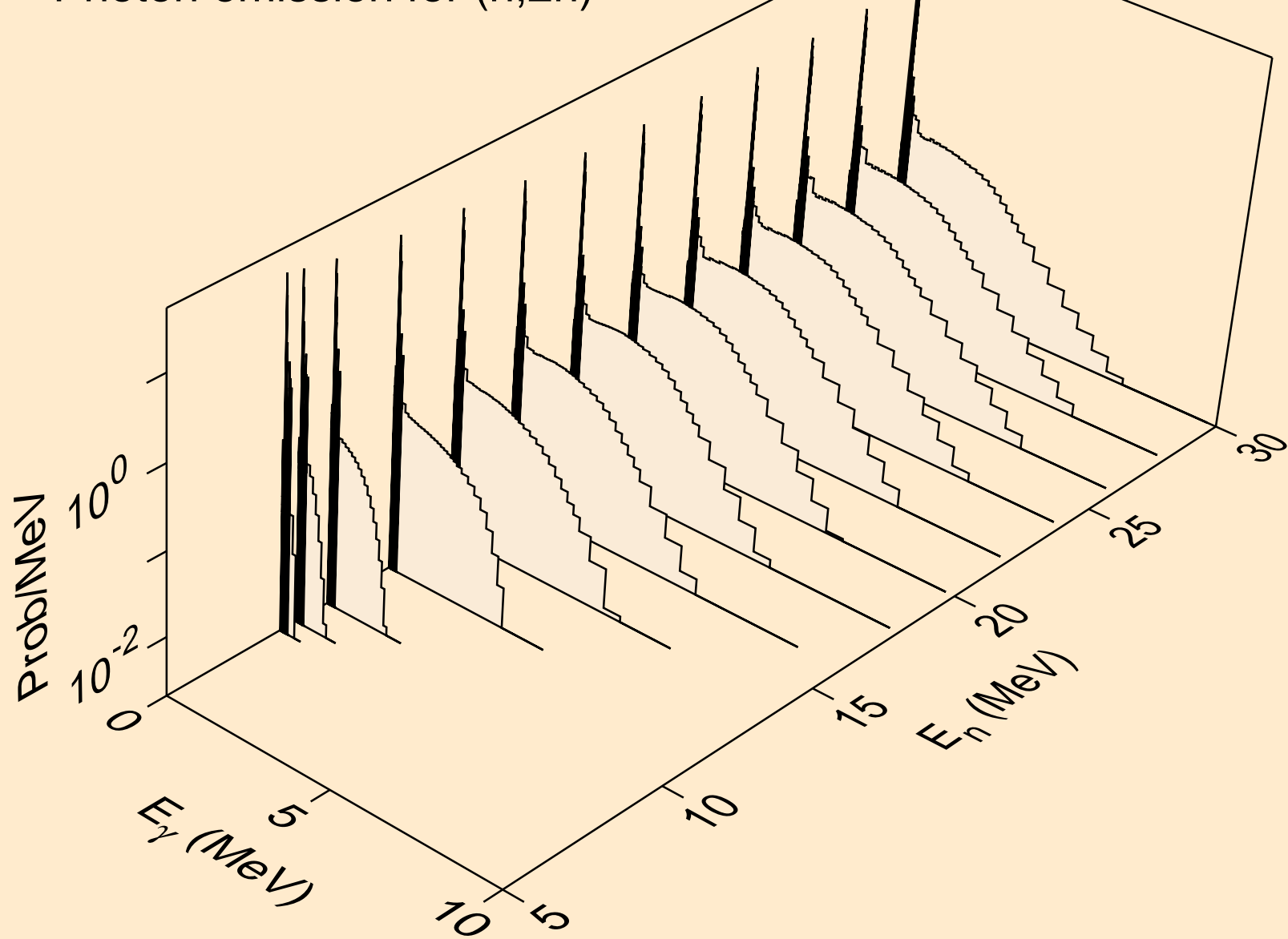


LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)

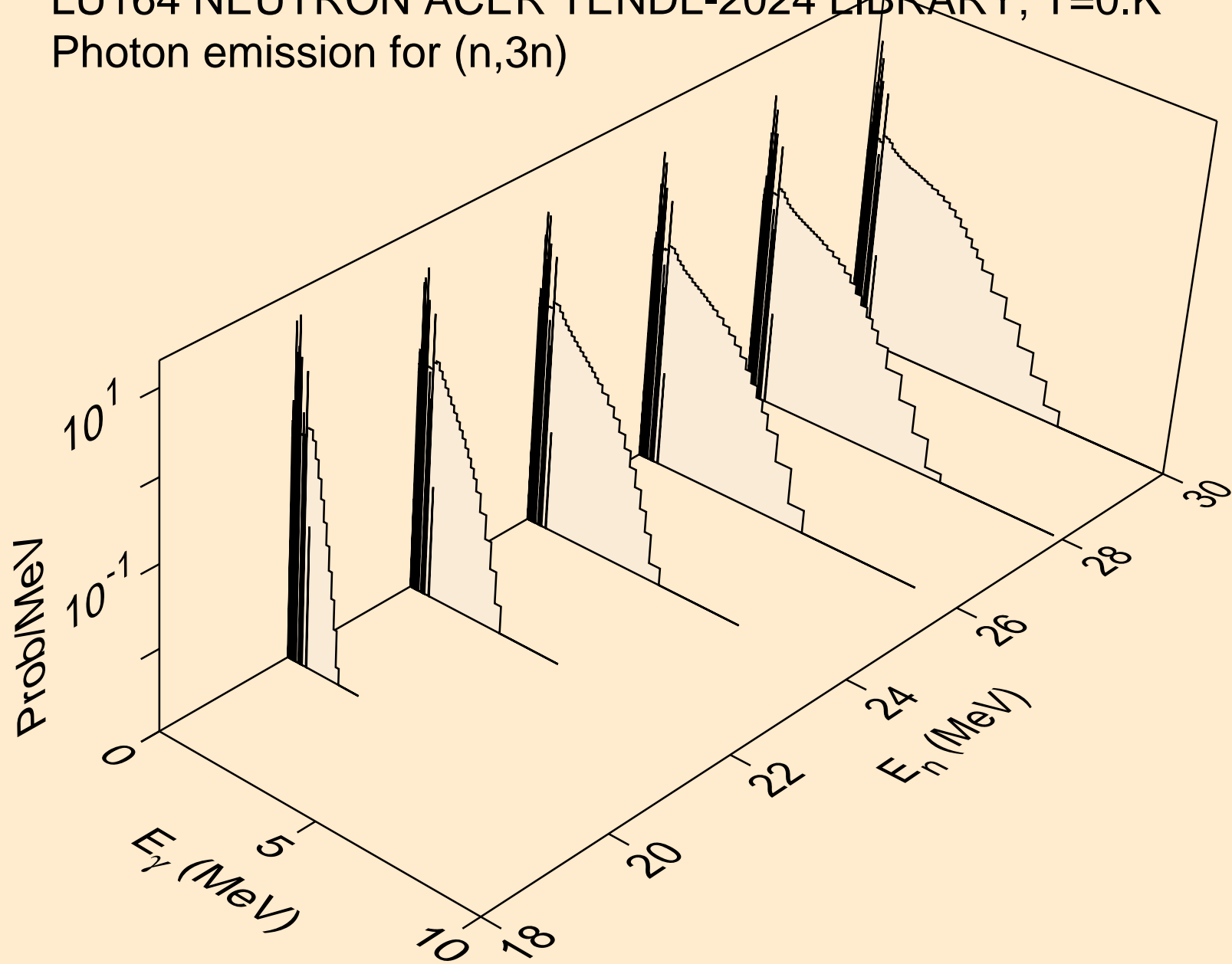




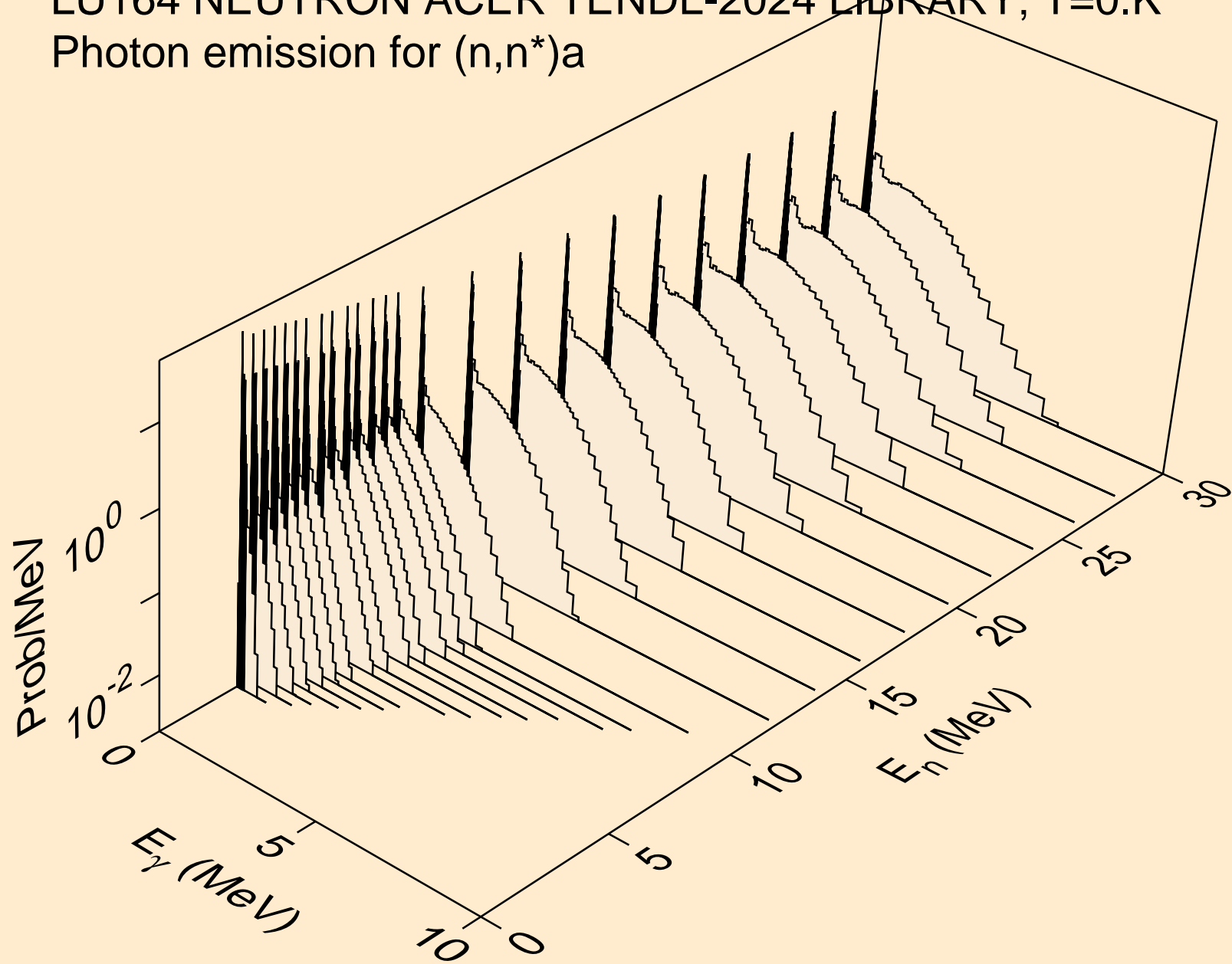
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



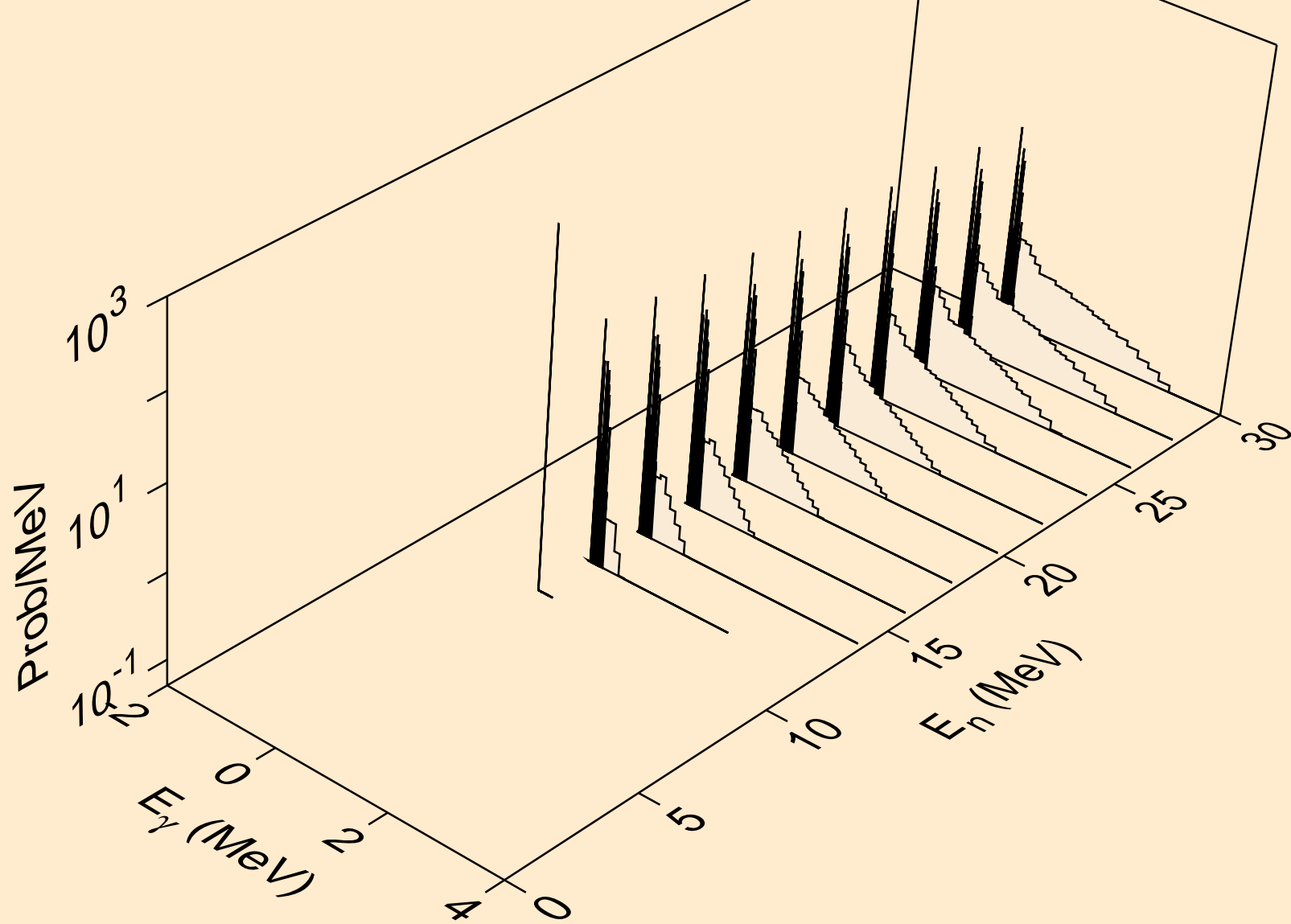
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



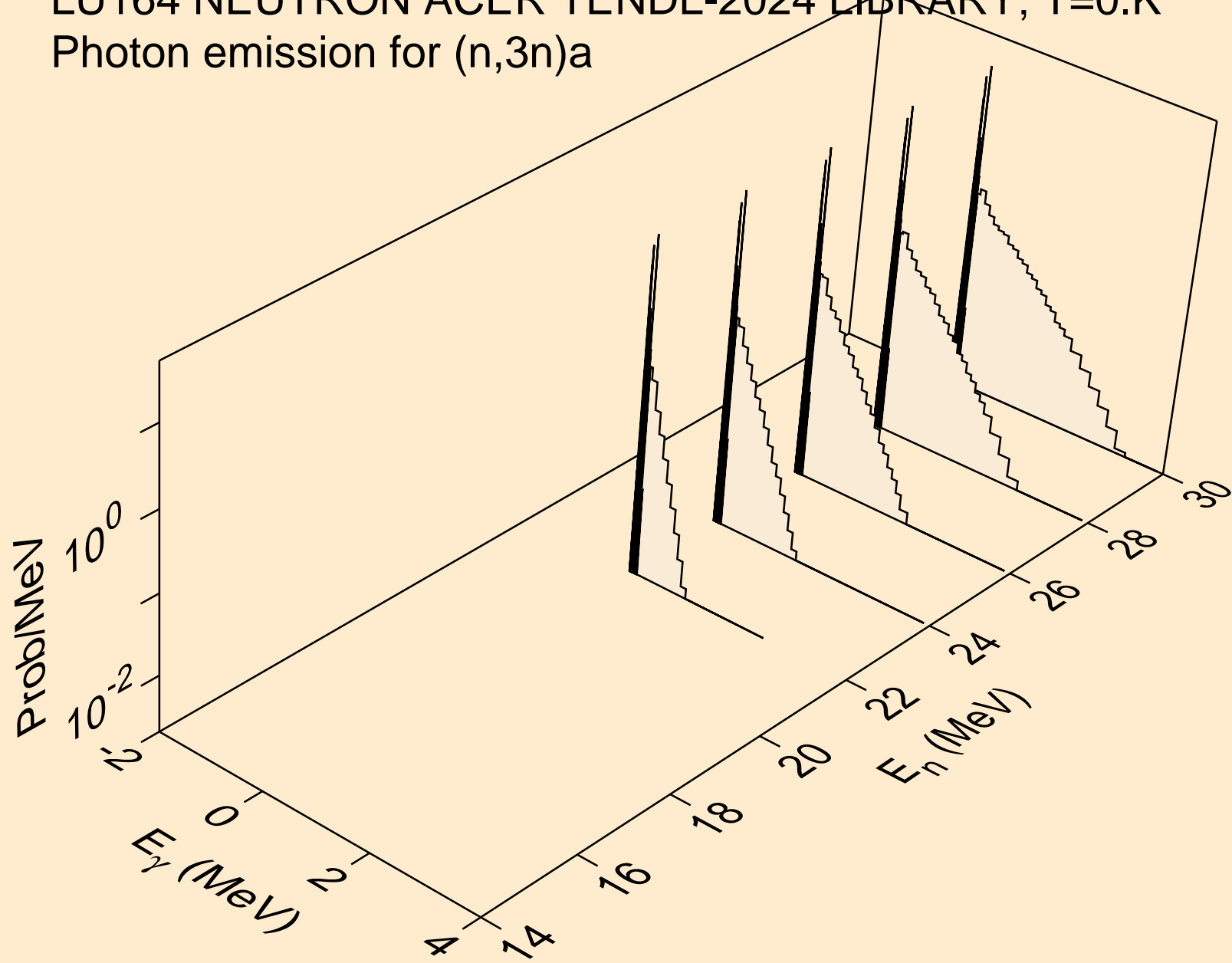
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



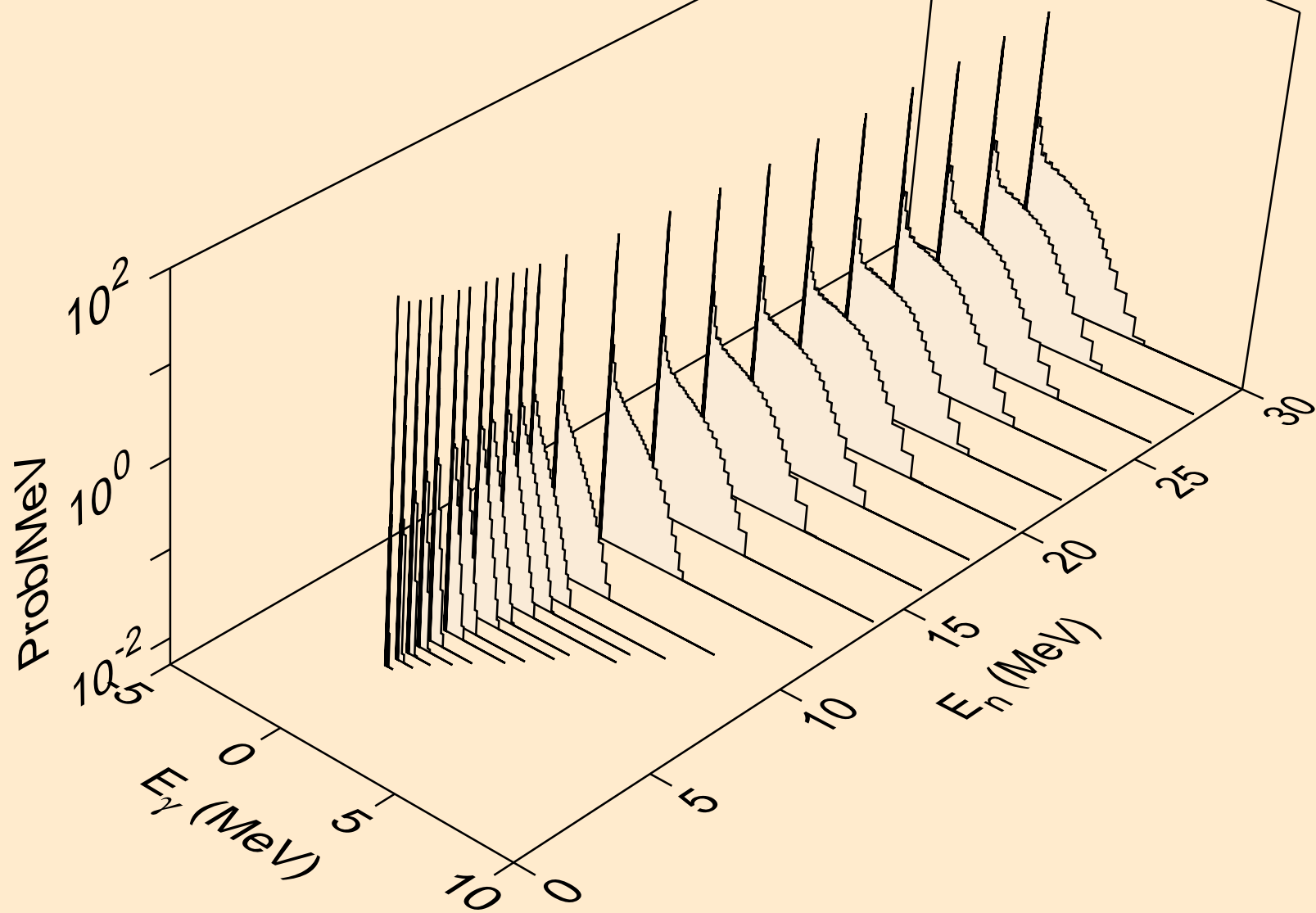
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



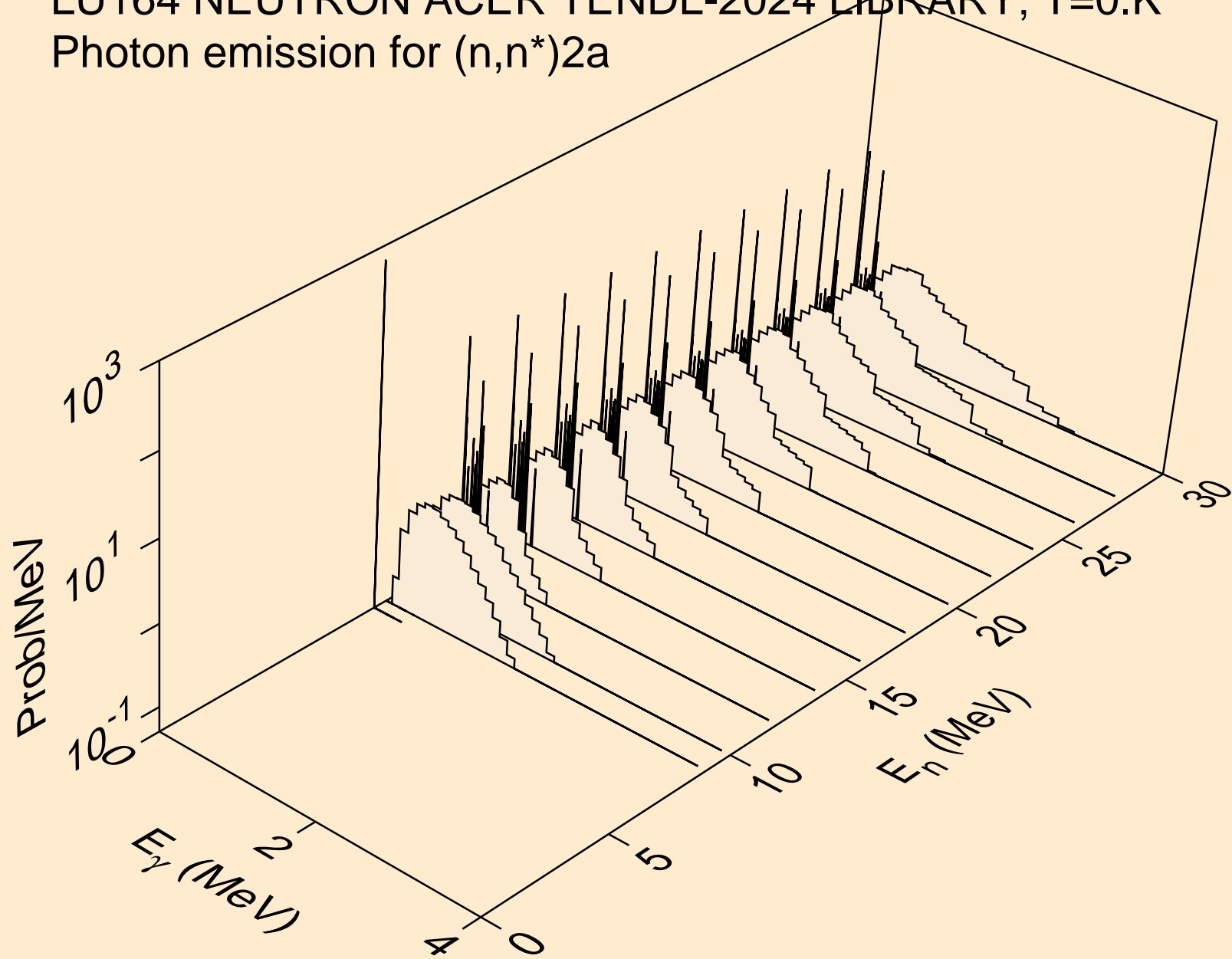
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a



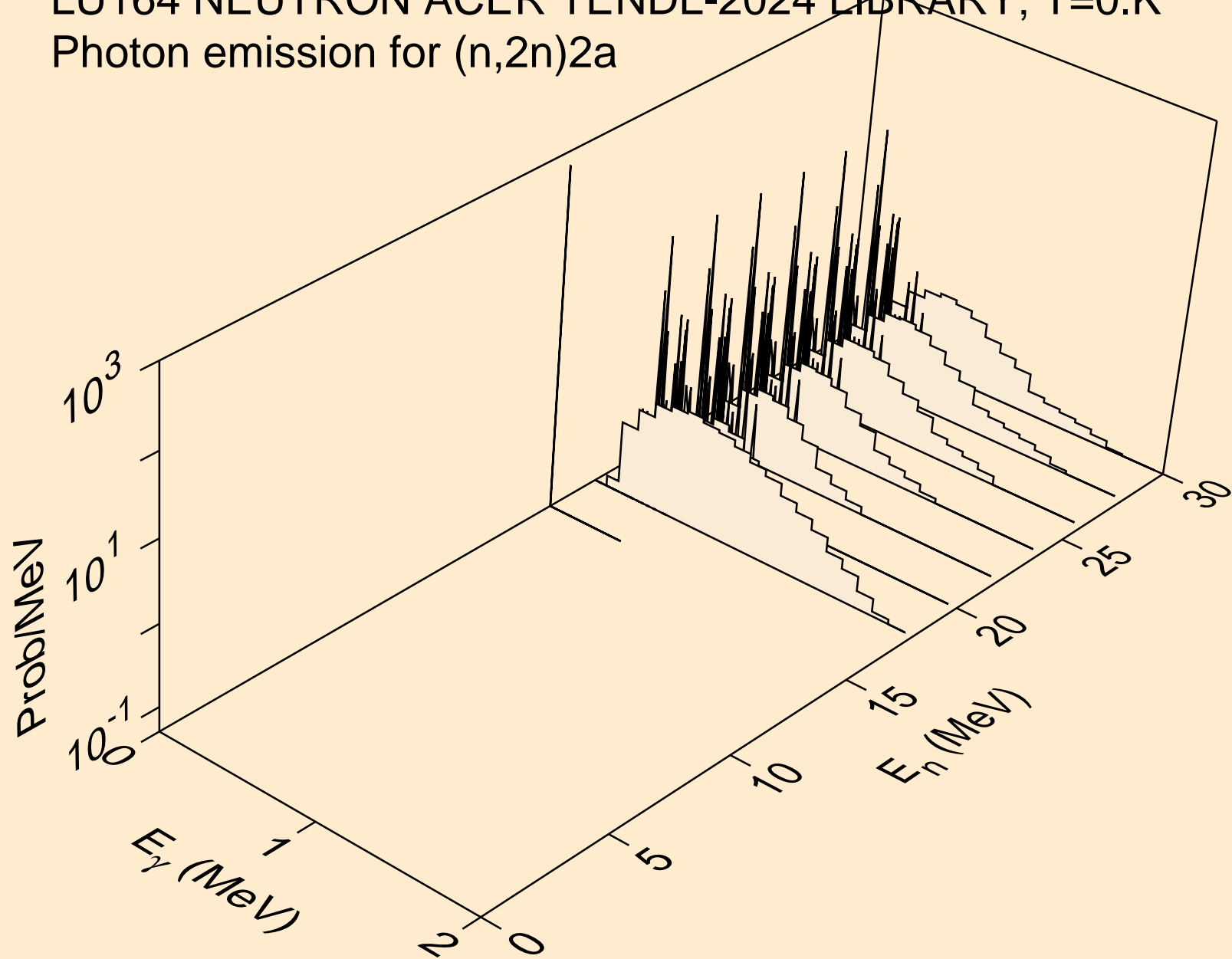
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a

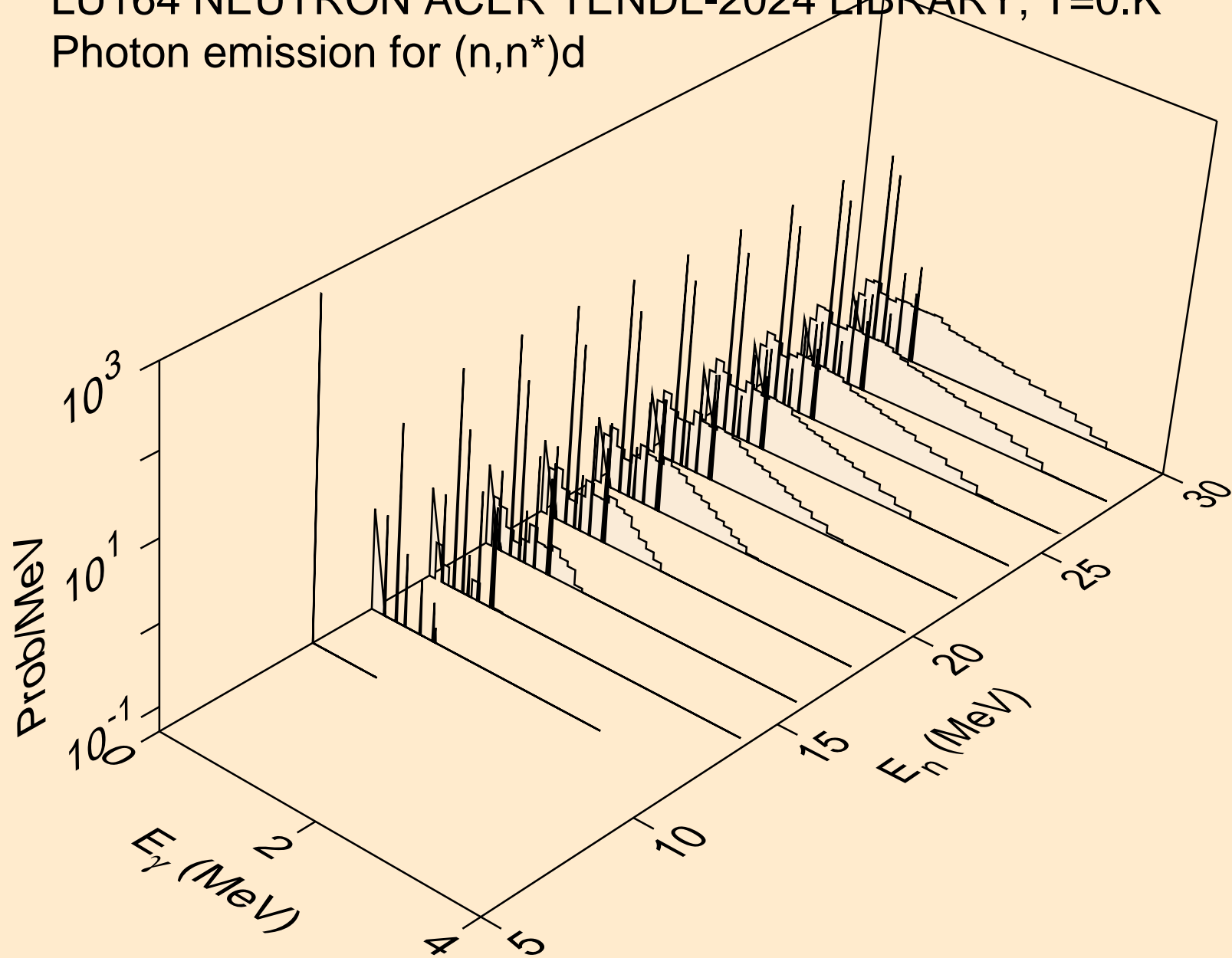


LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)2a

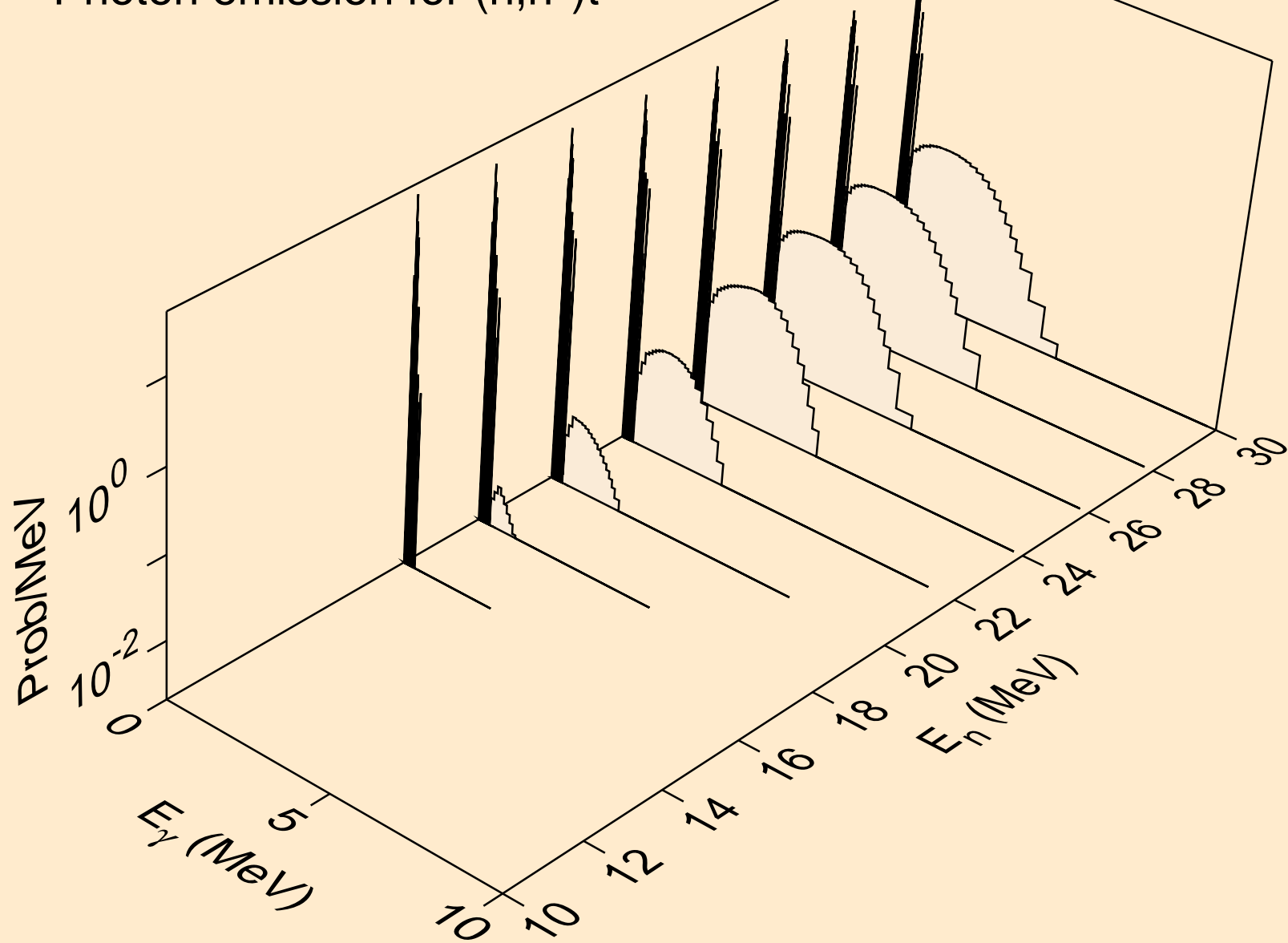




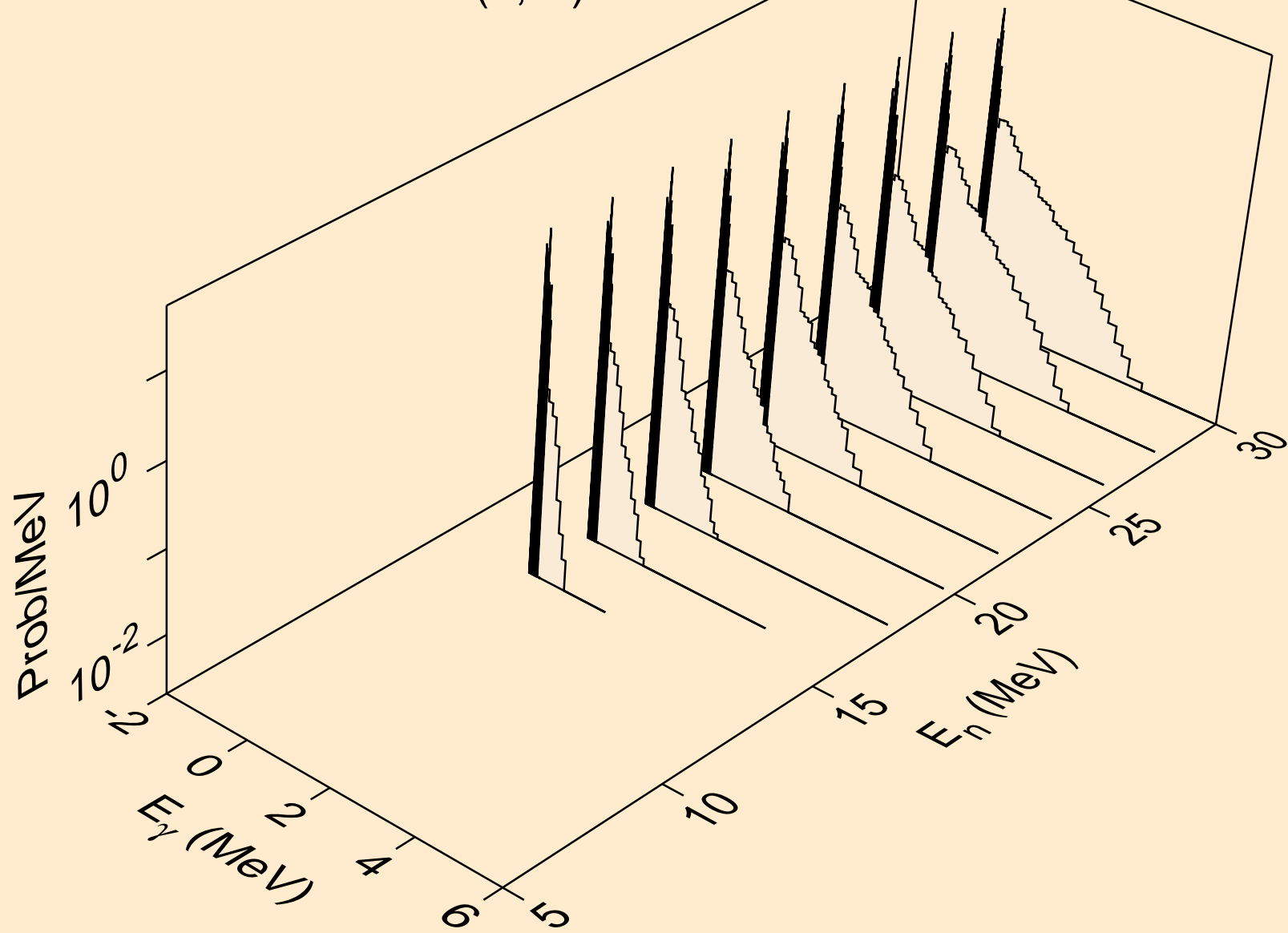
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



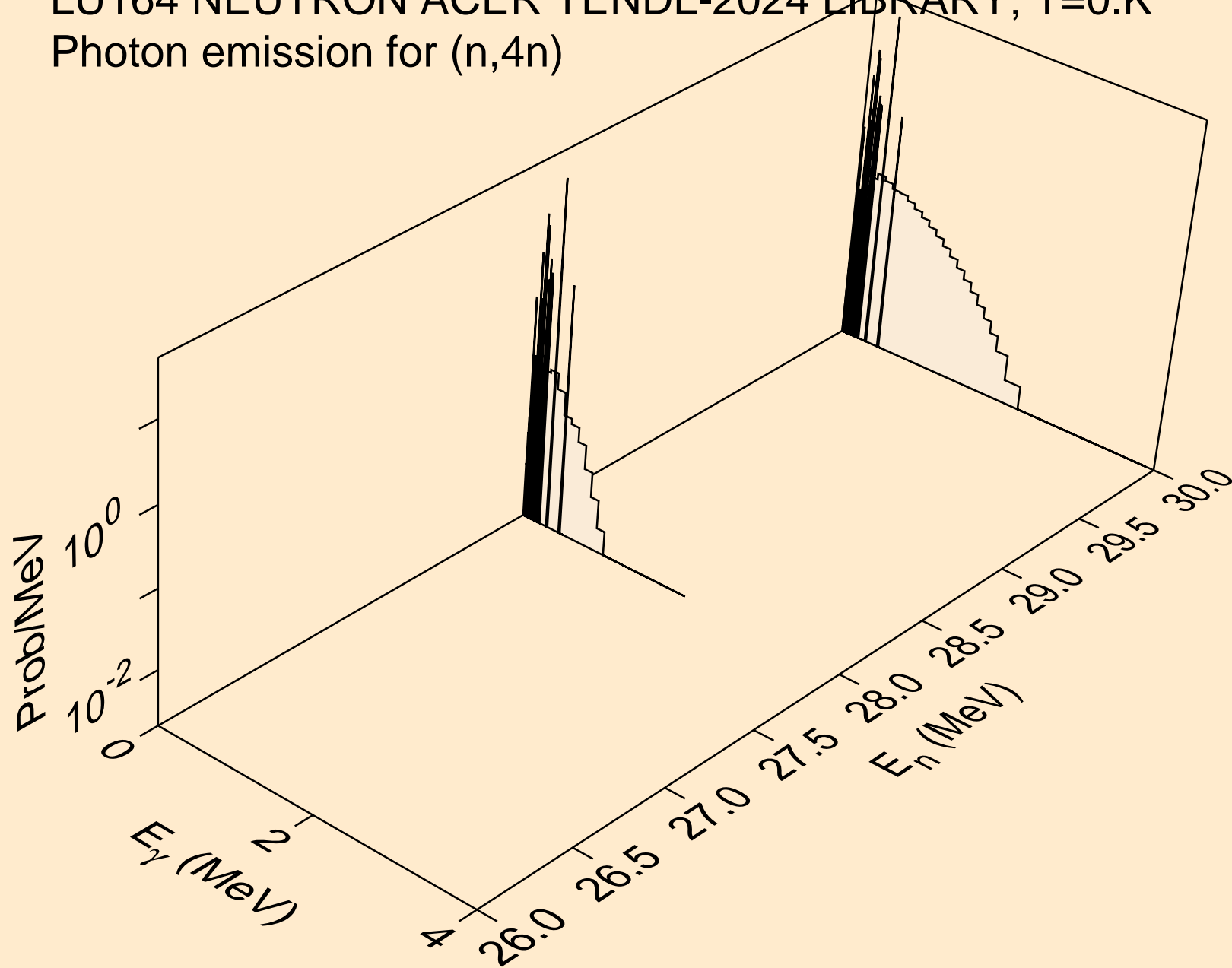
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



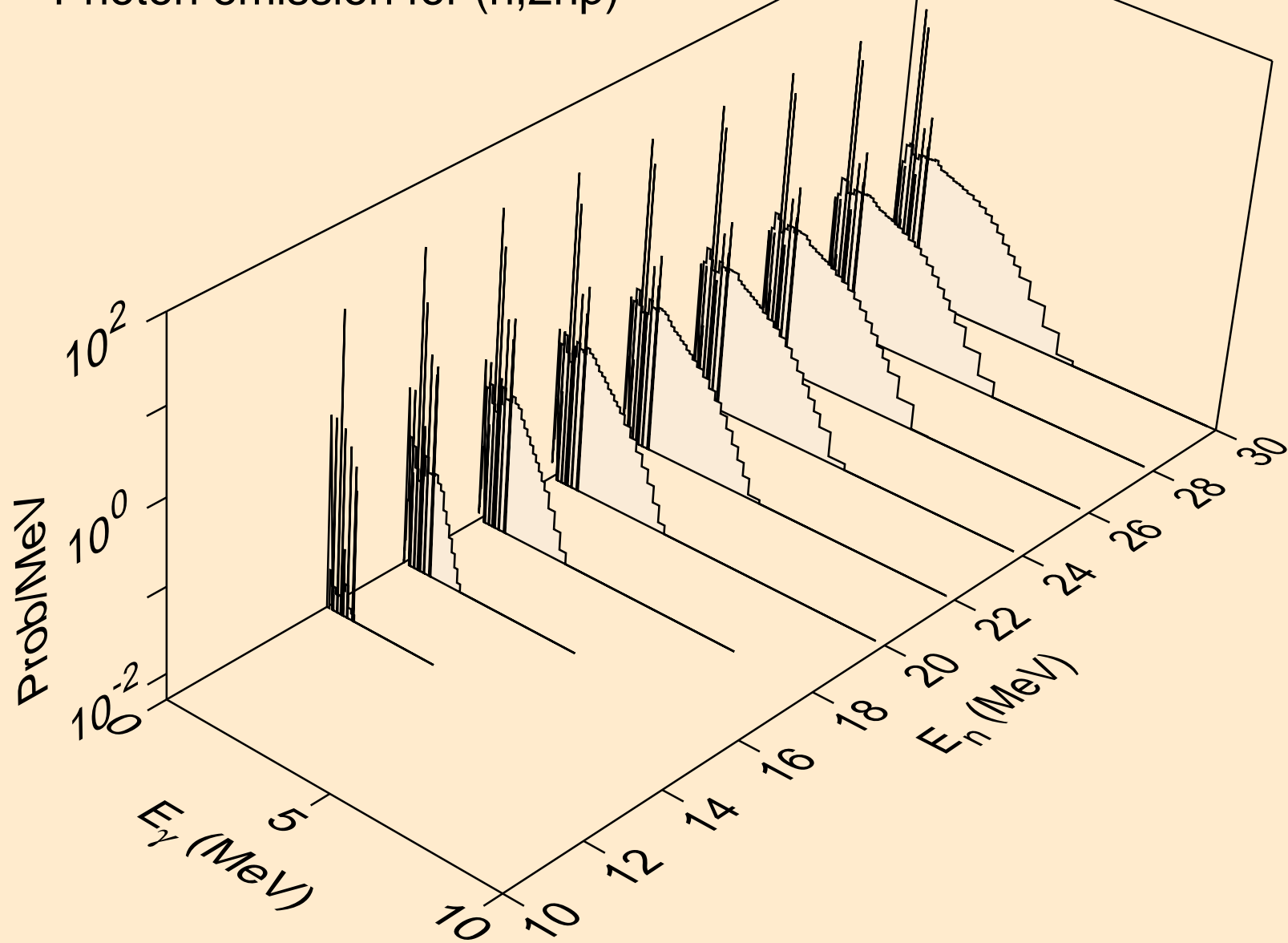
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



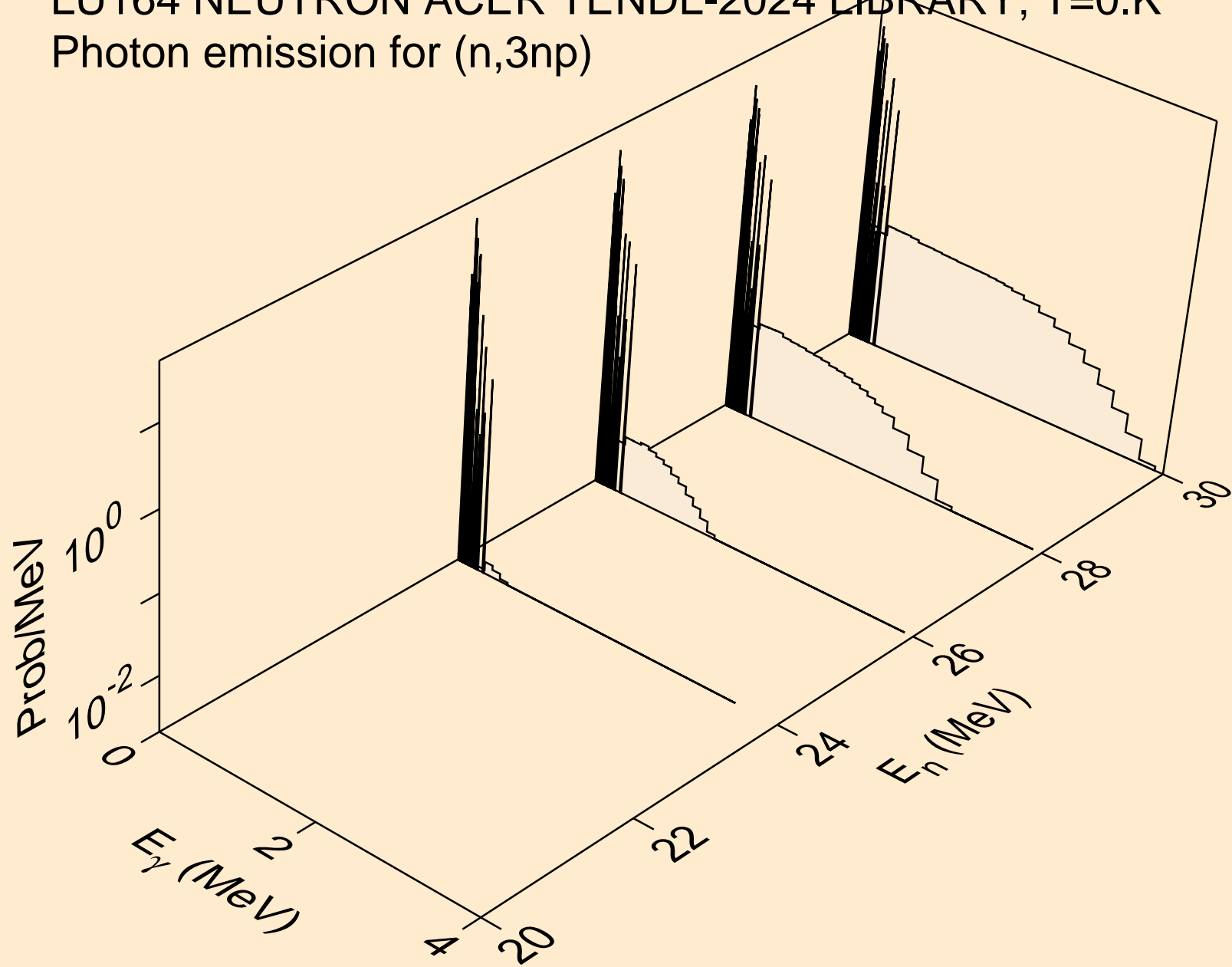
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



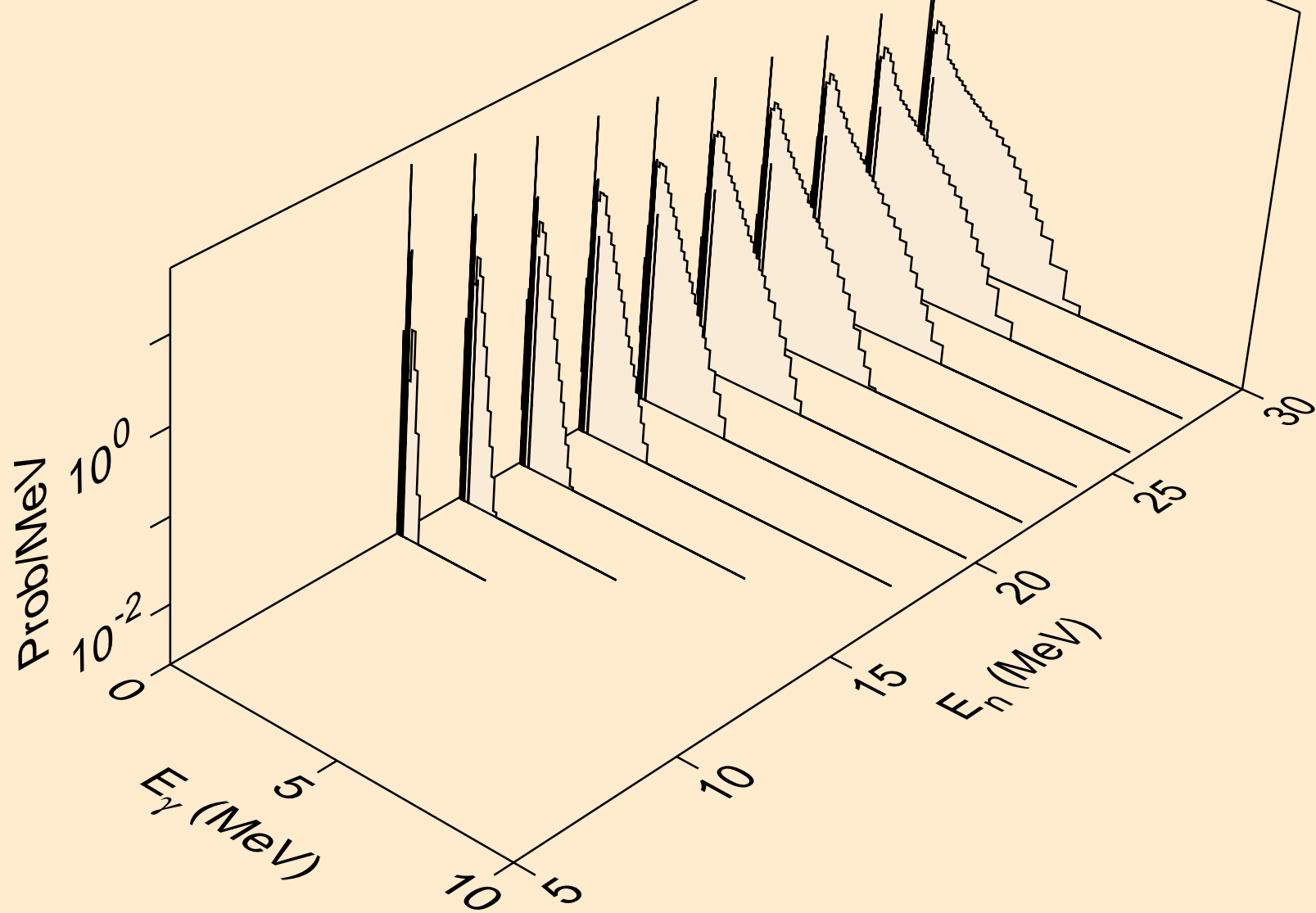
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



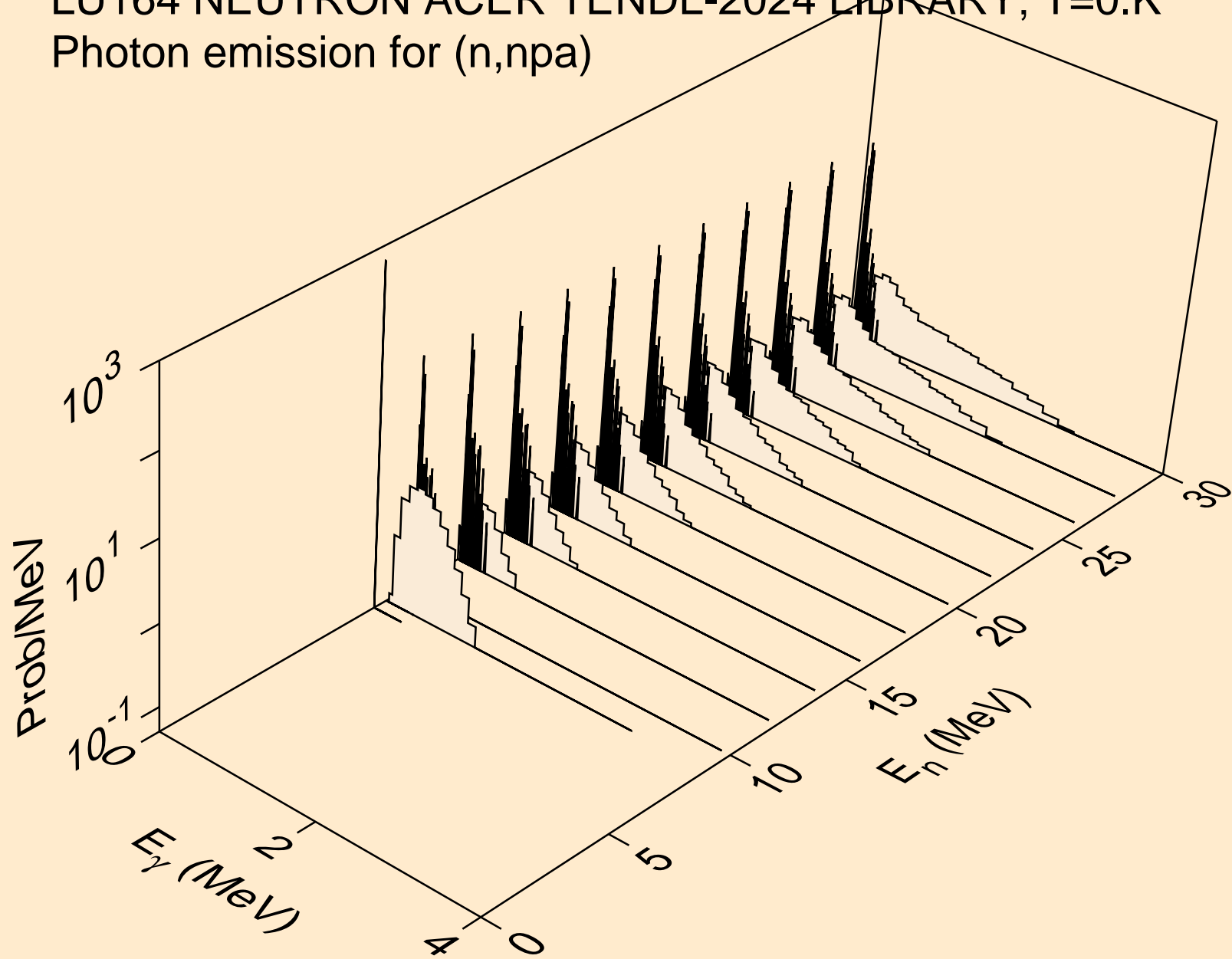
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)

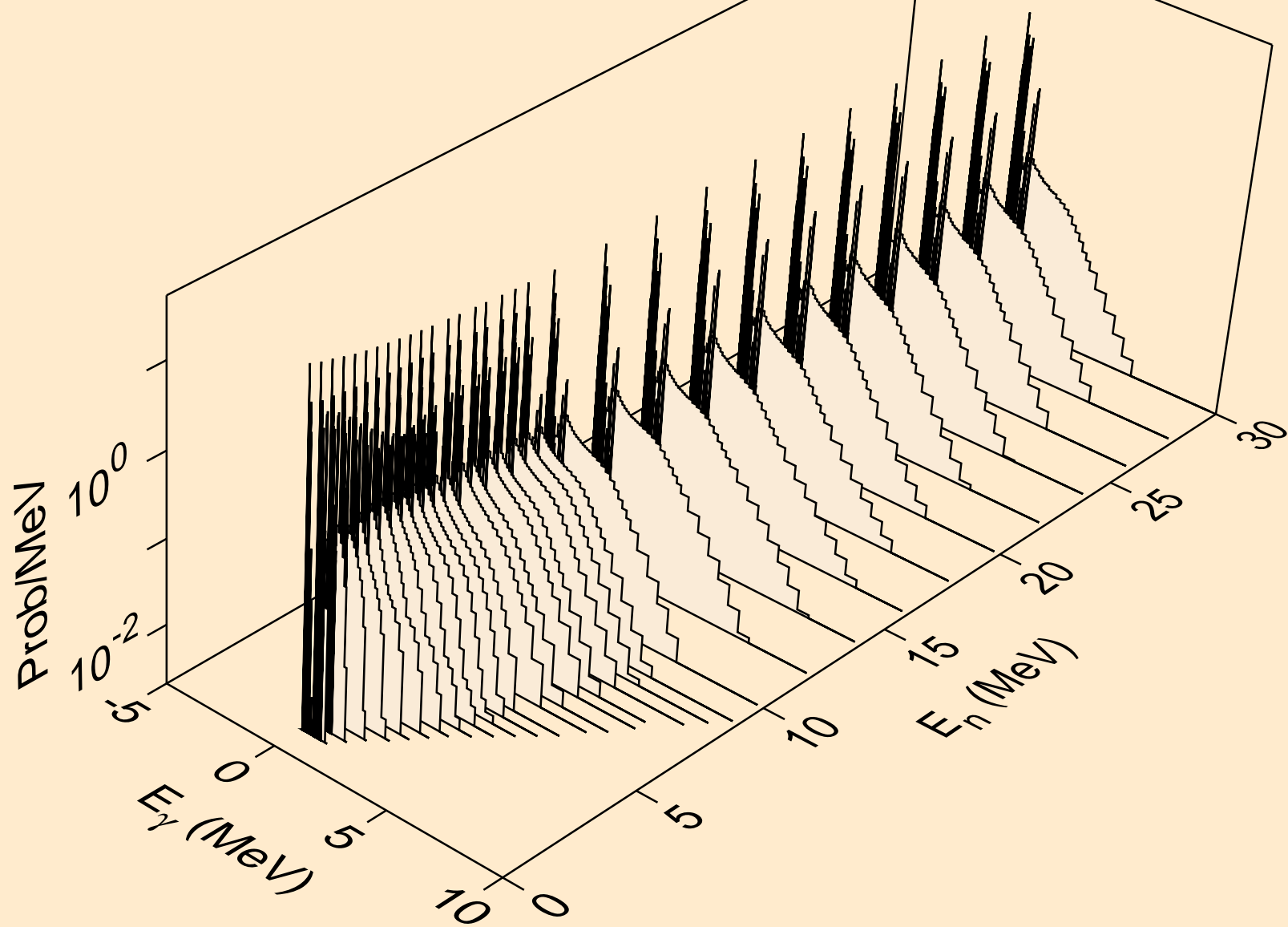


LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)

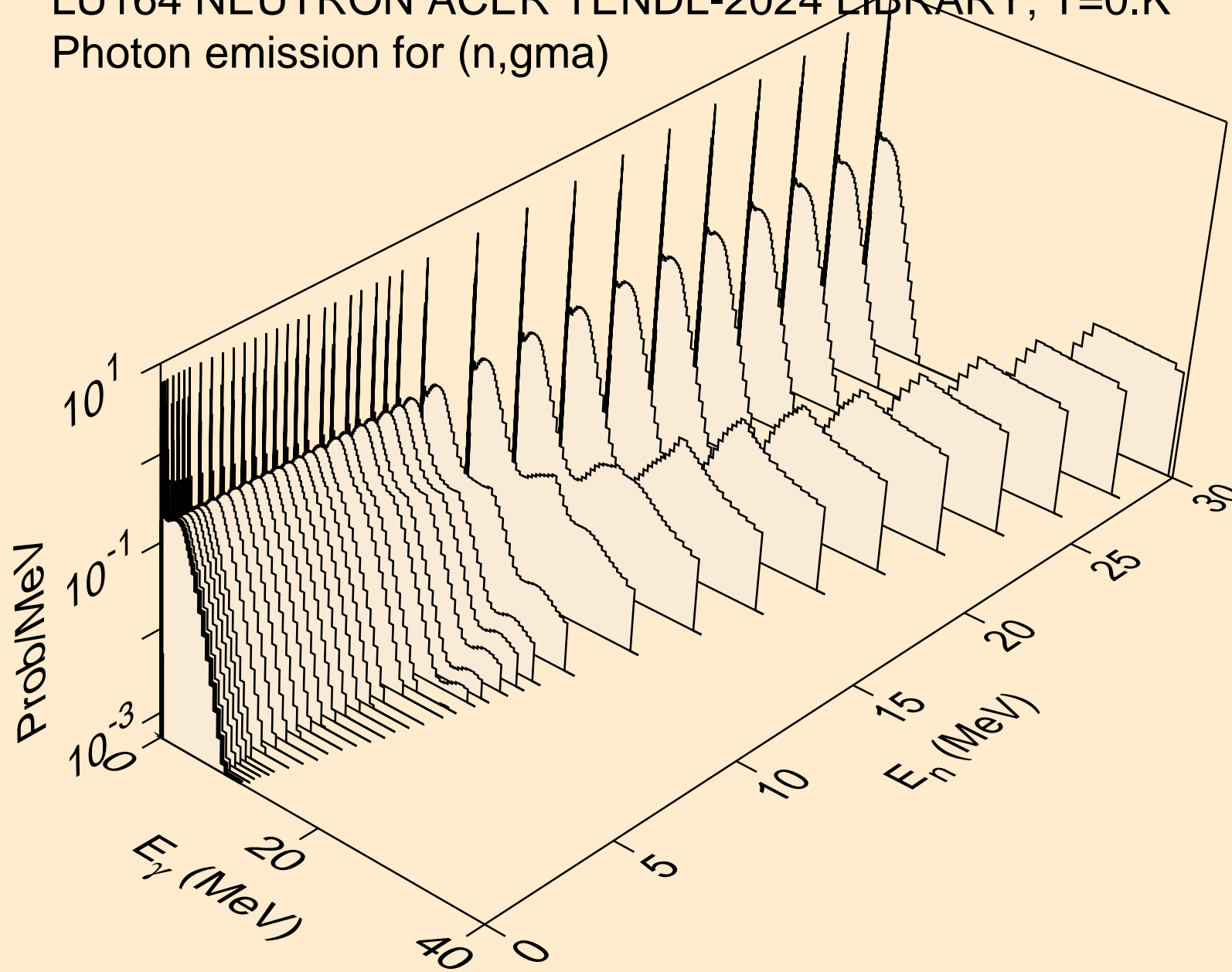




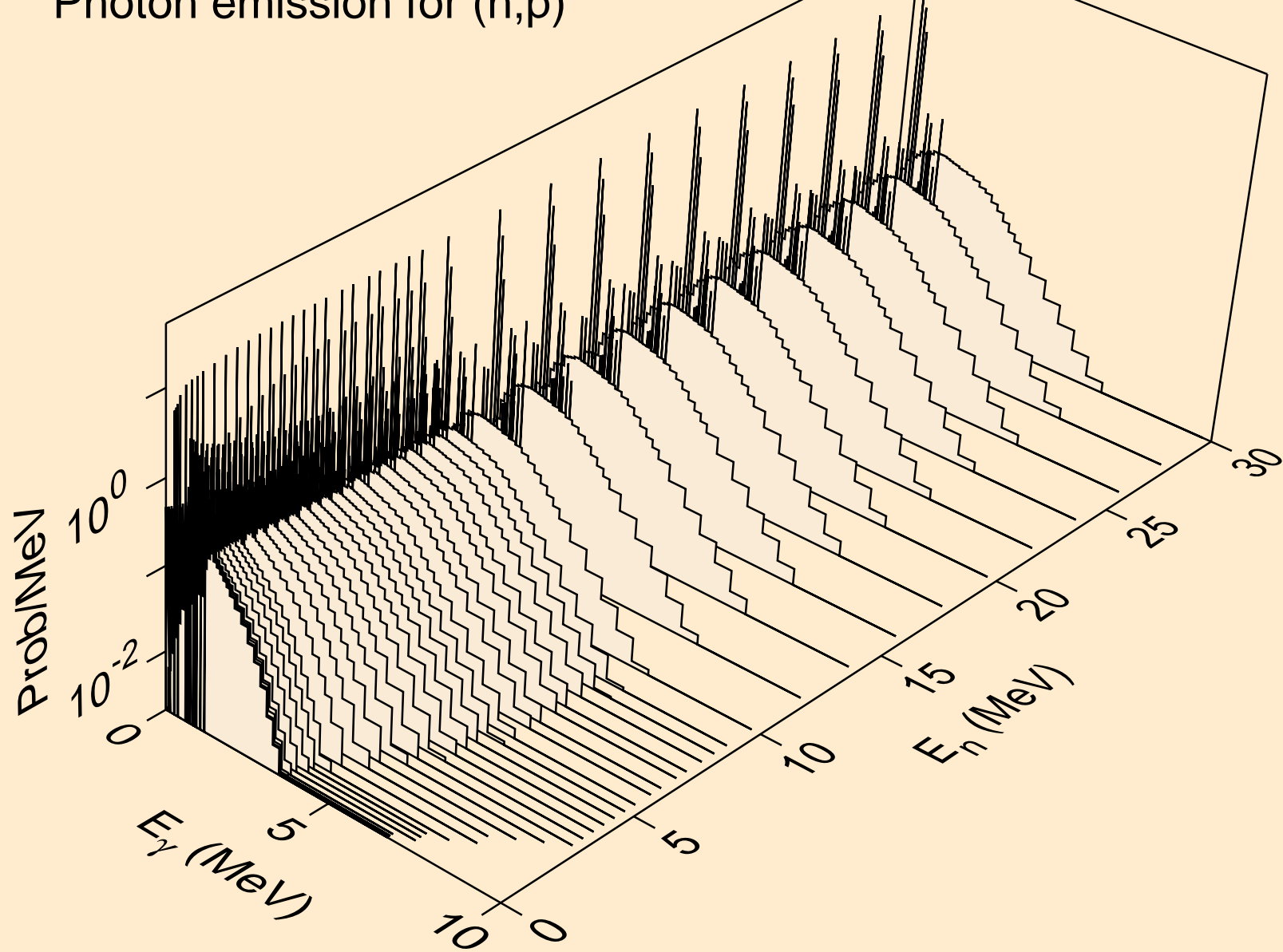
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



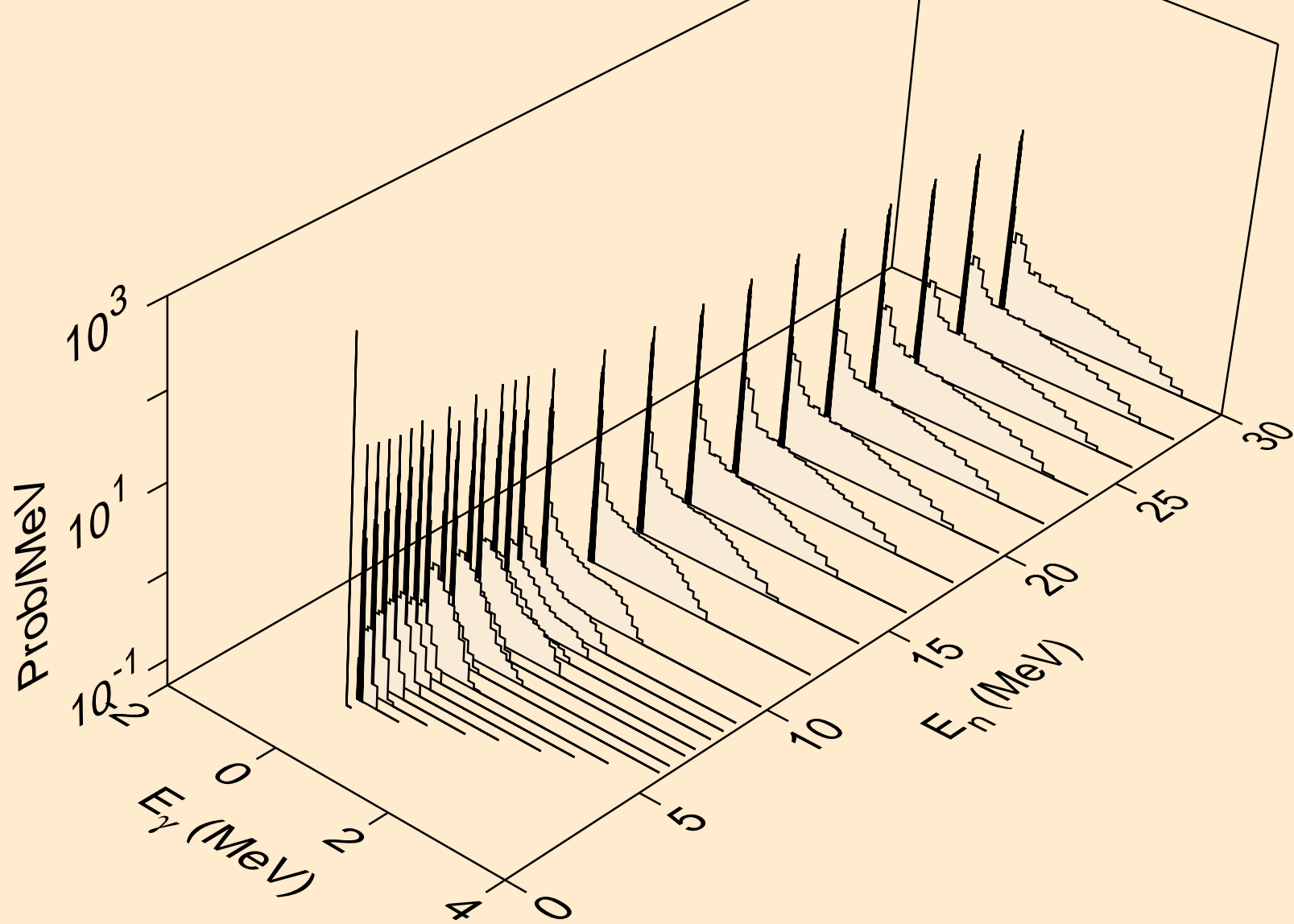
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



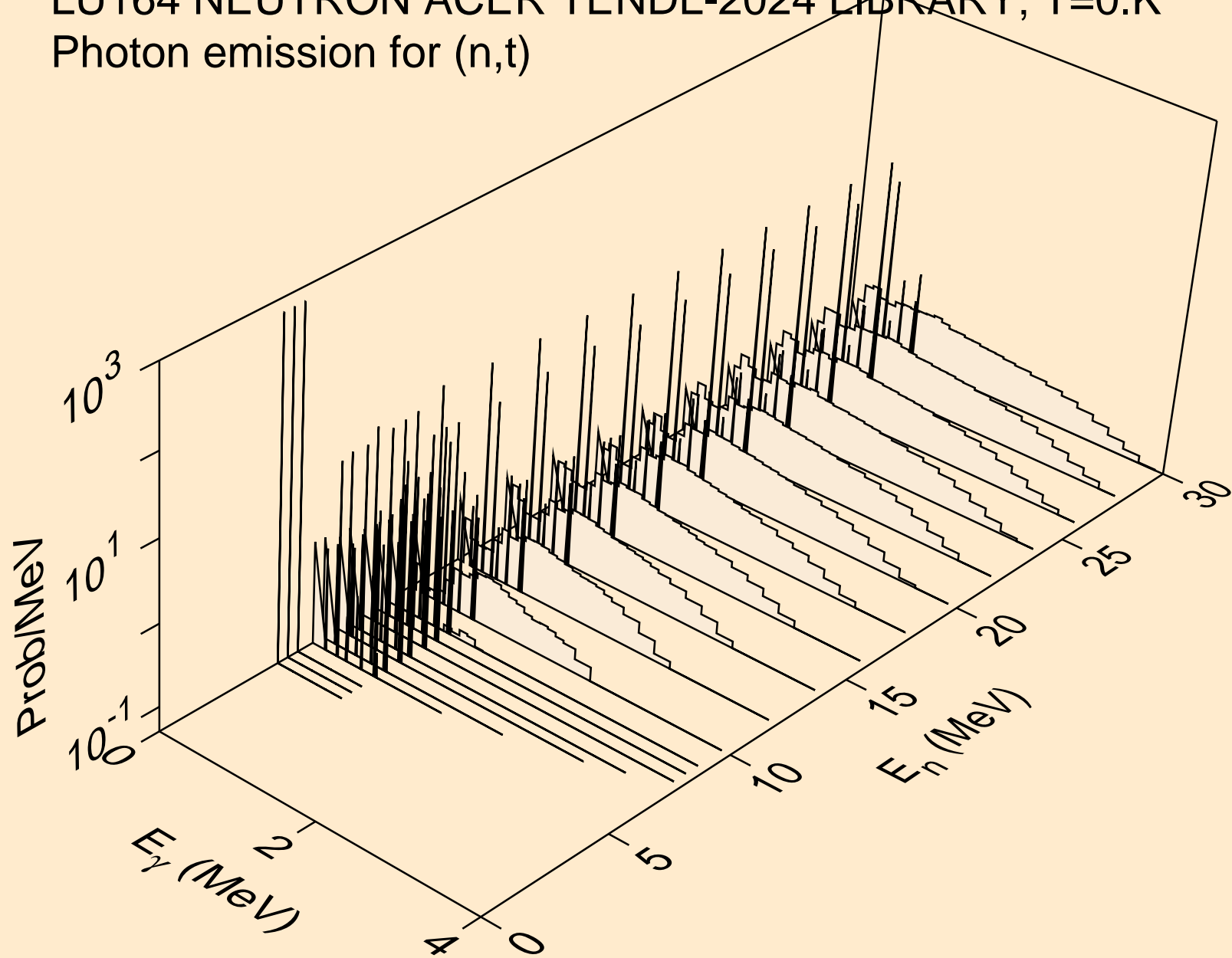
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



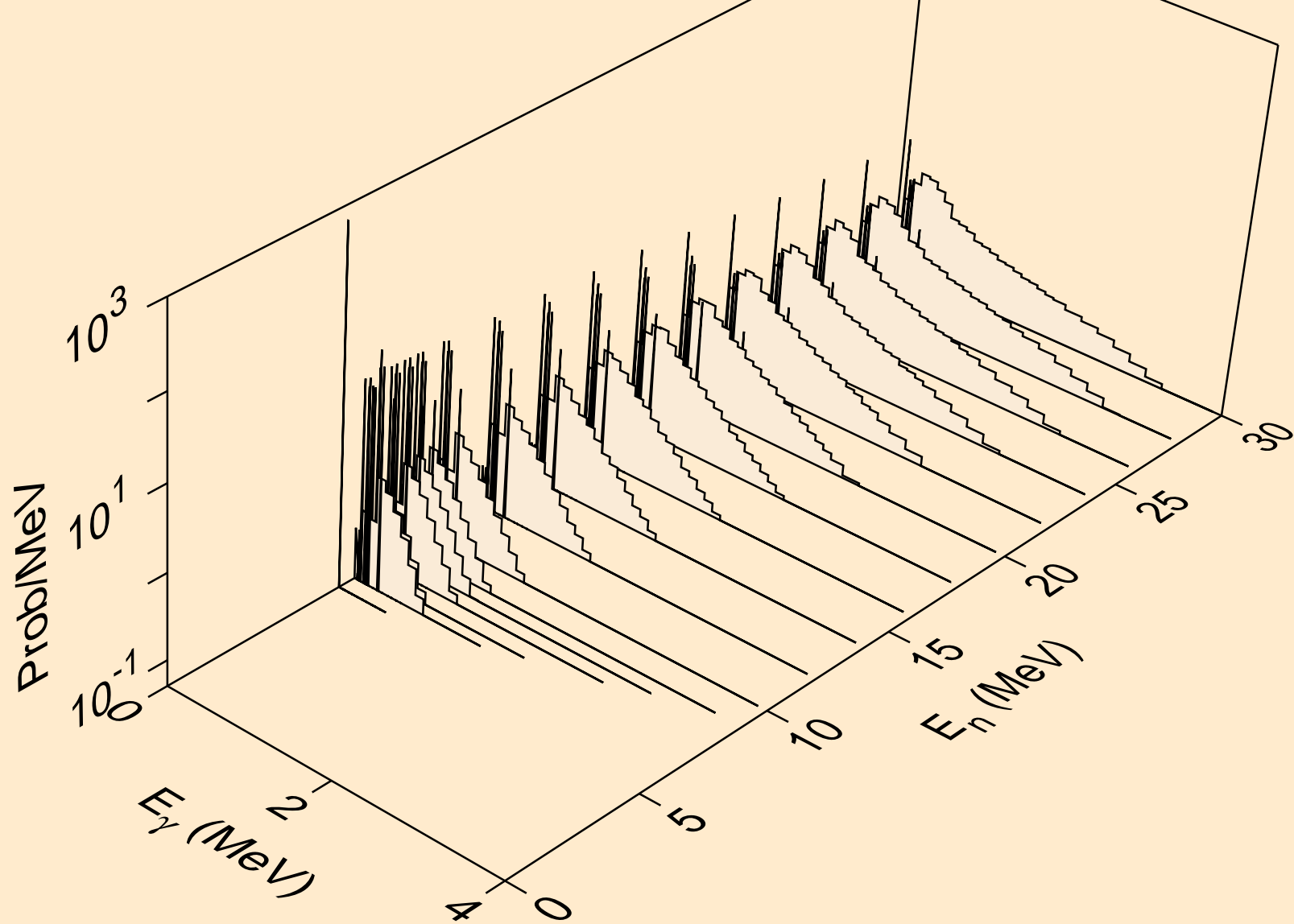
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



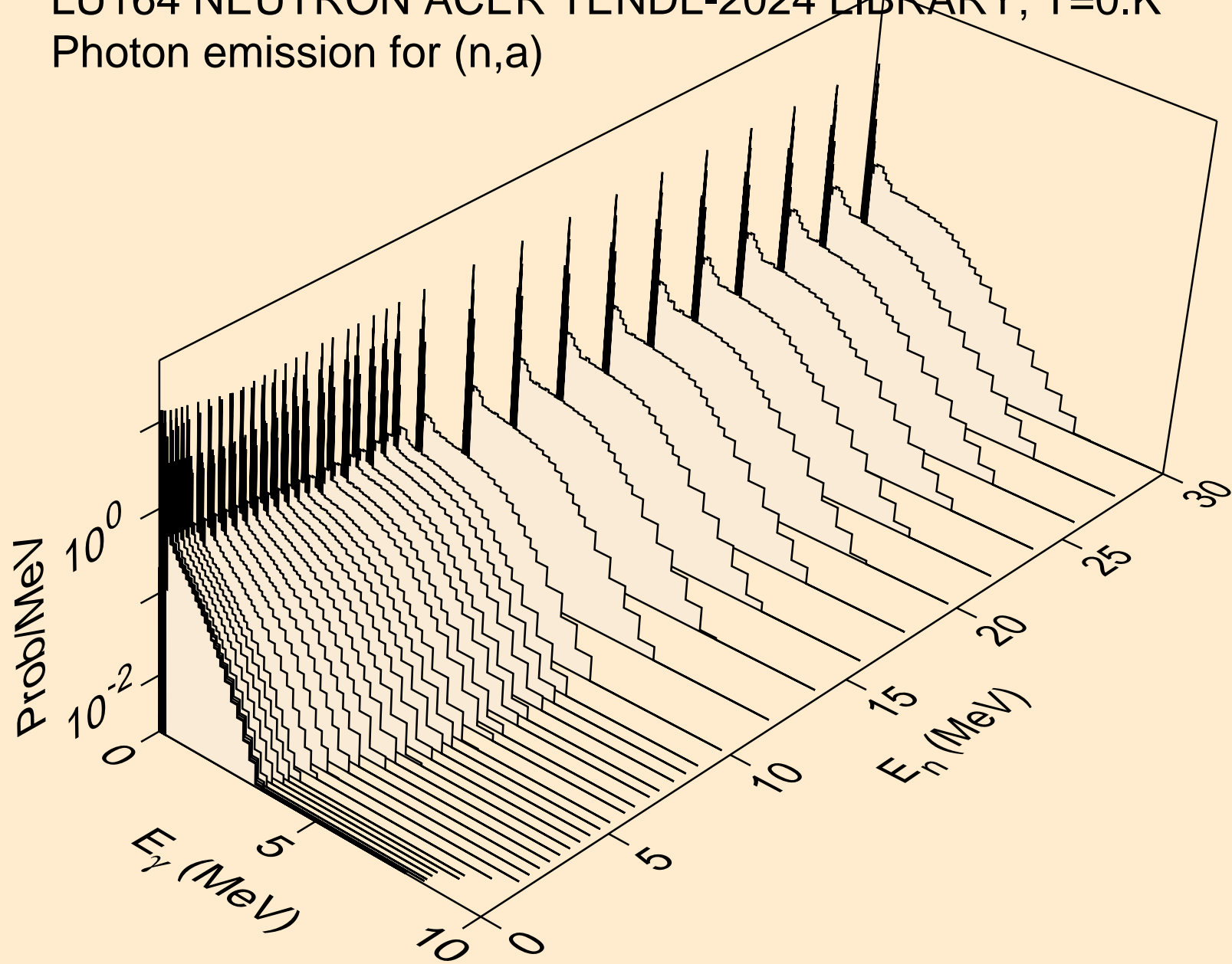
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



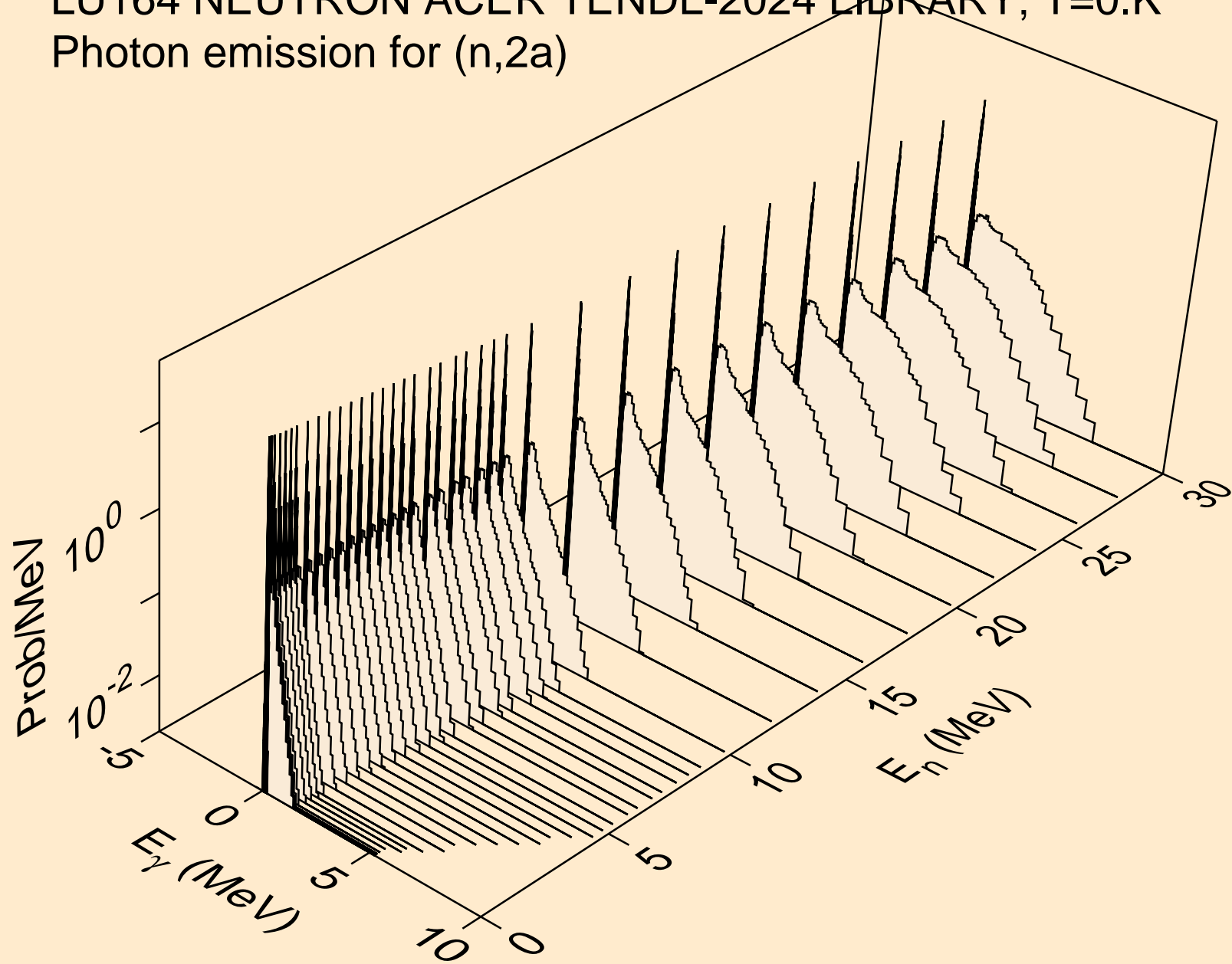
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)

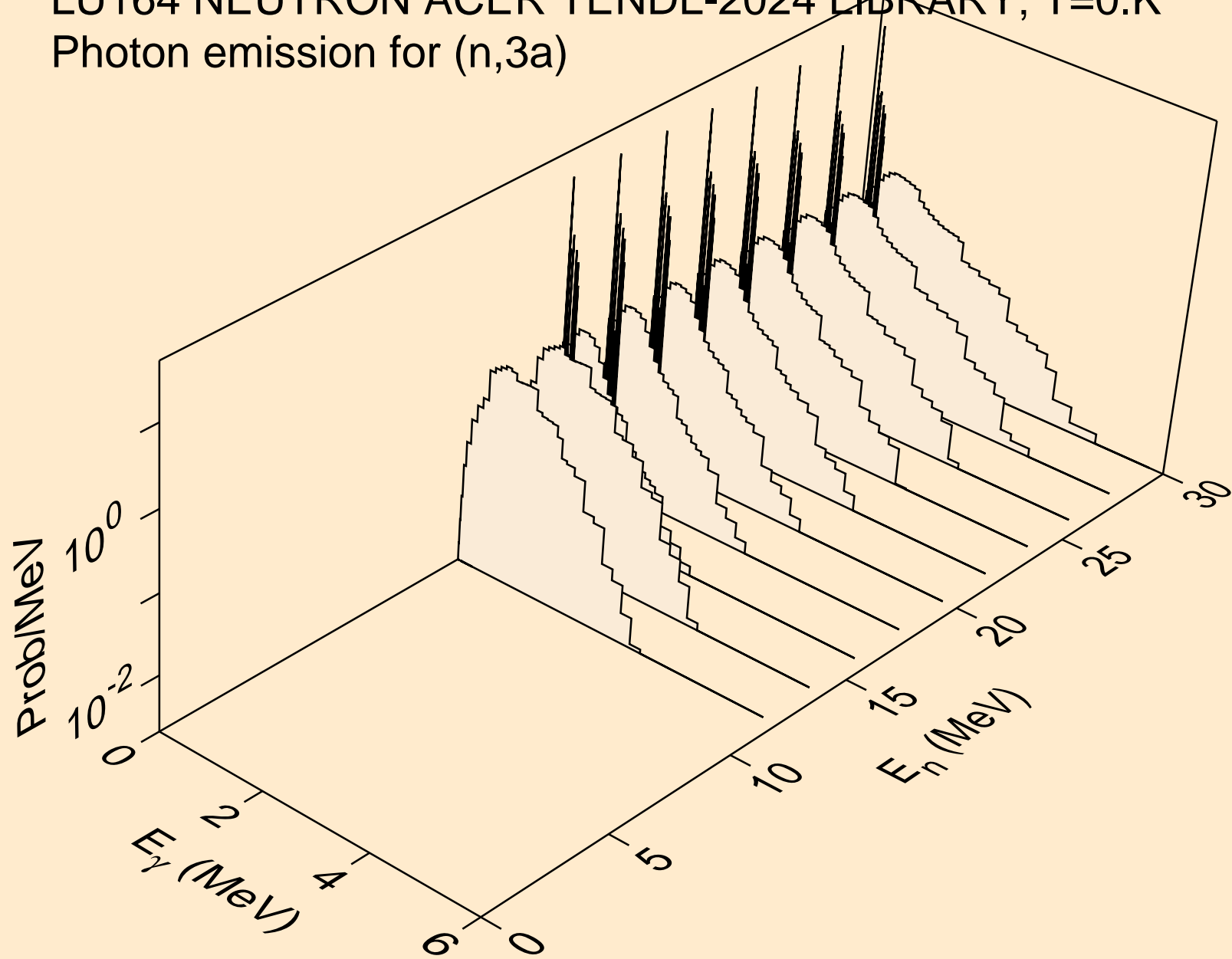


LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)

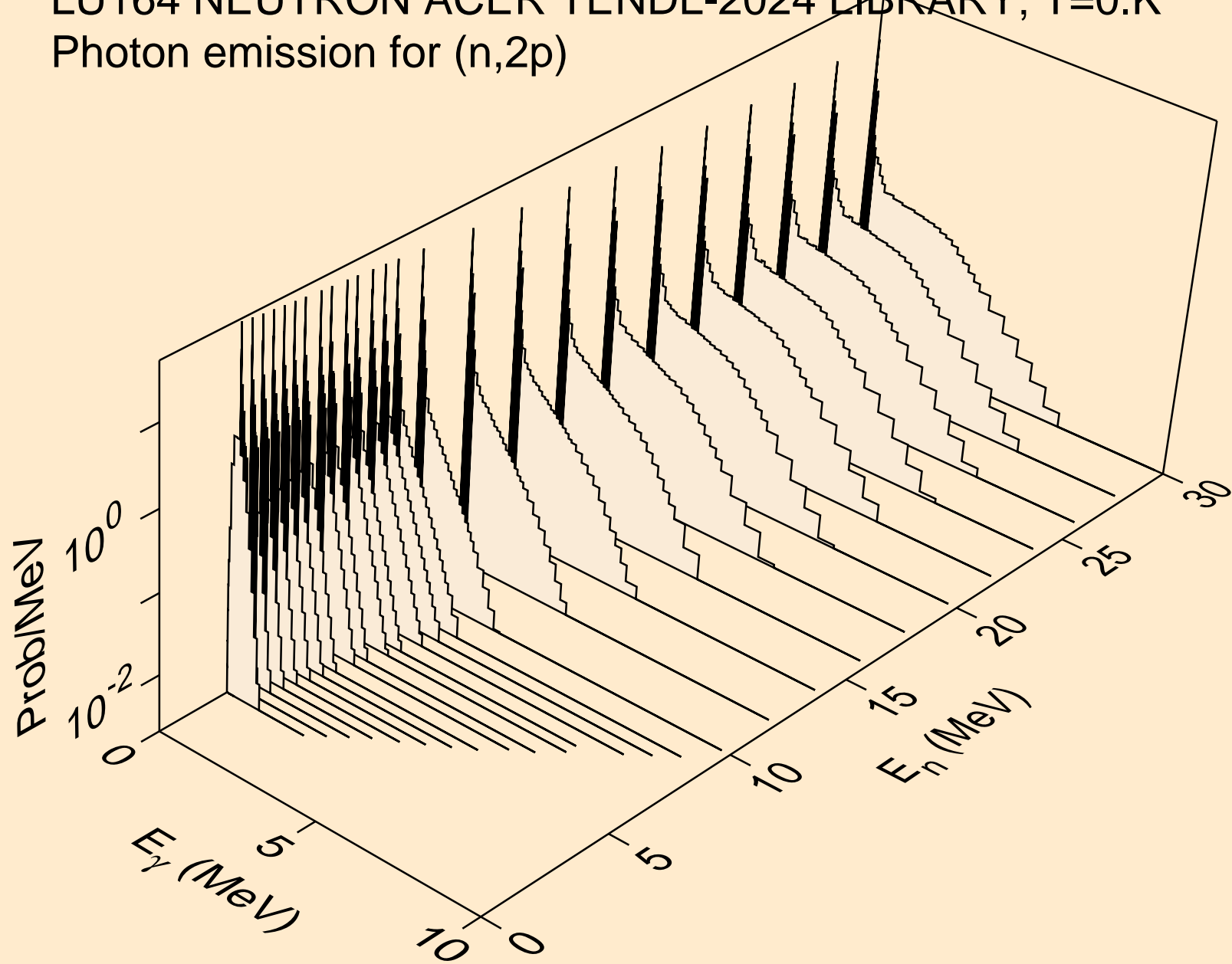




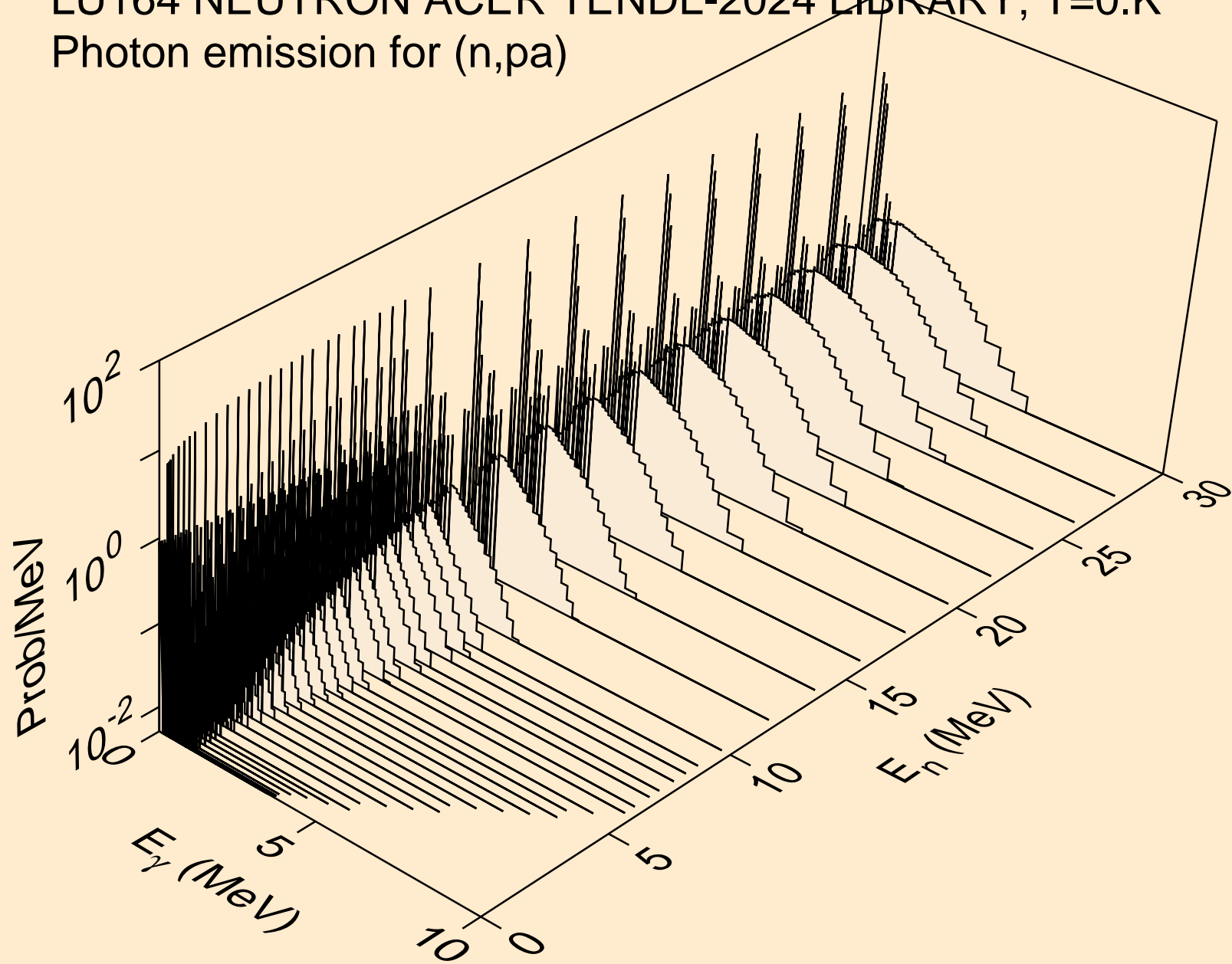
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3a)



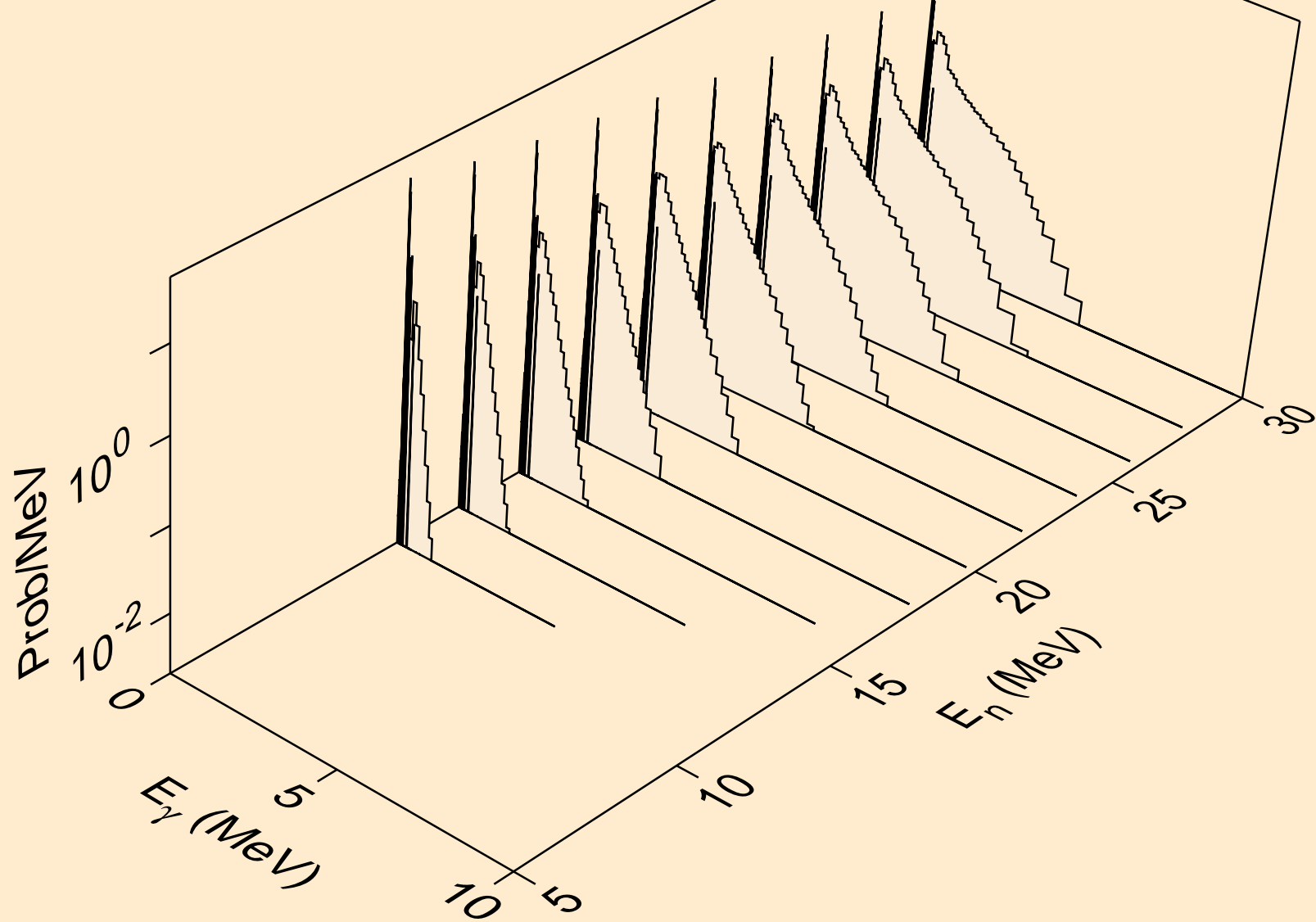
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



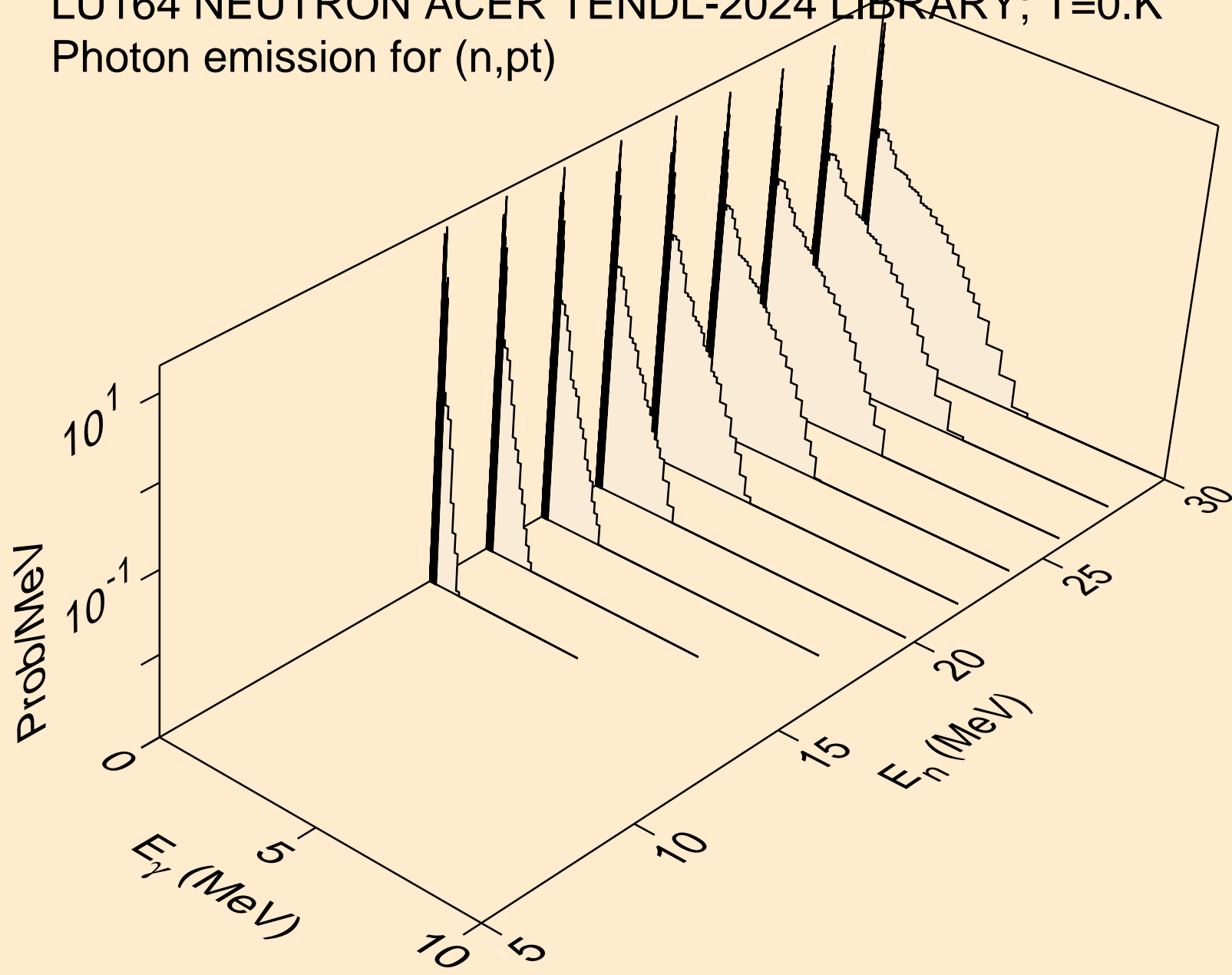
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



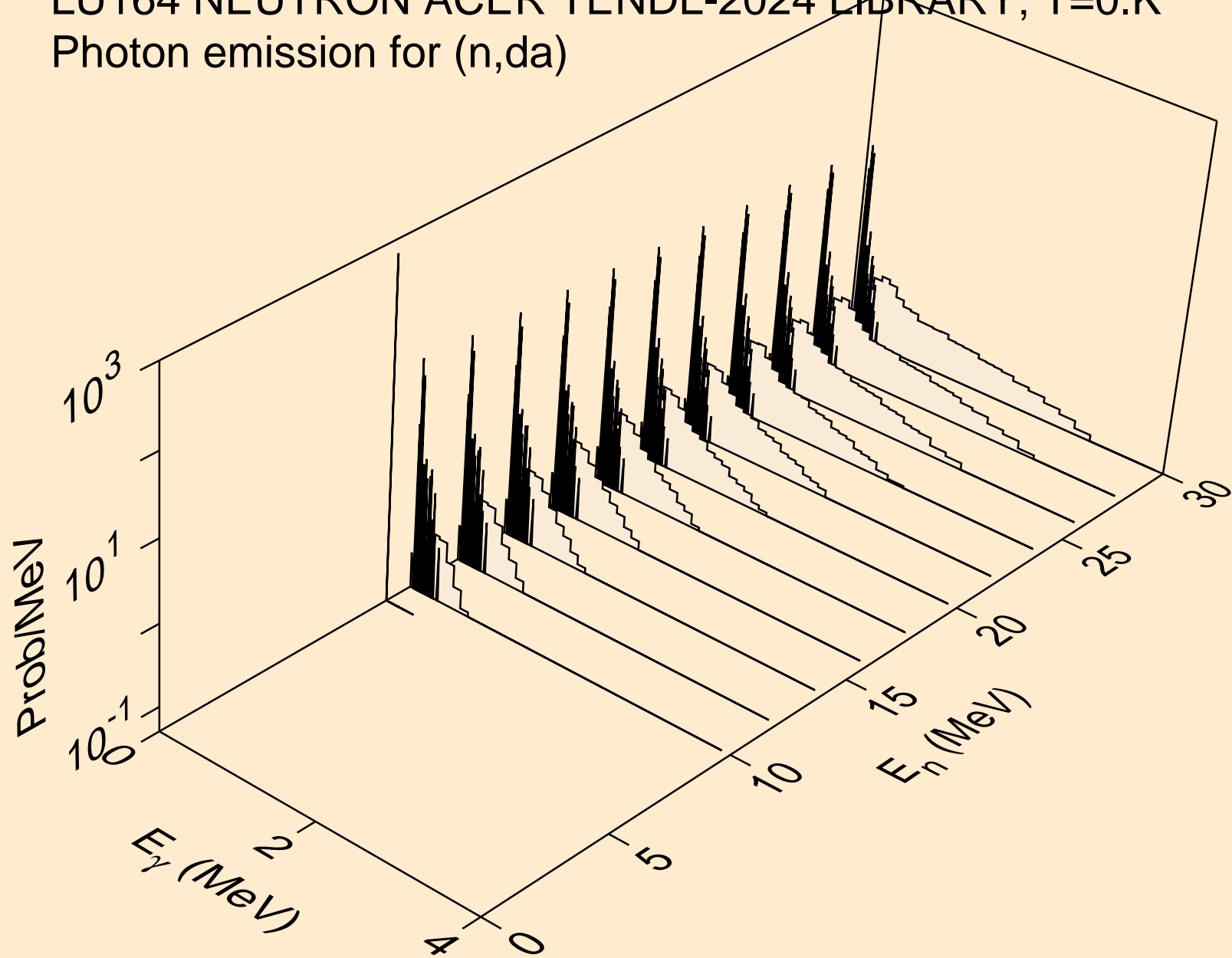
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



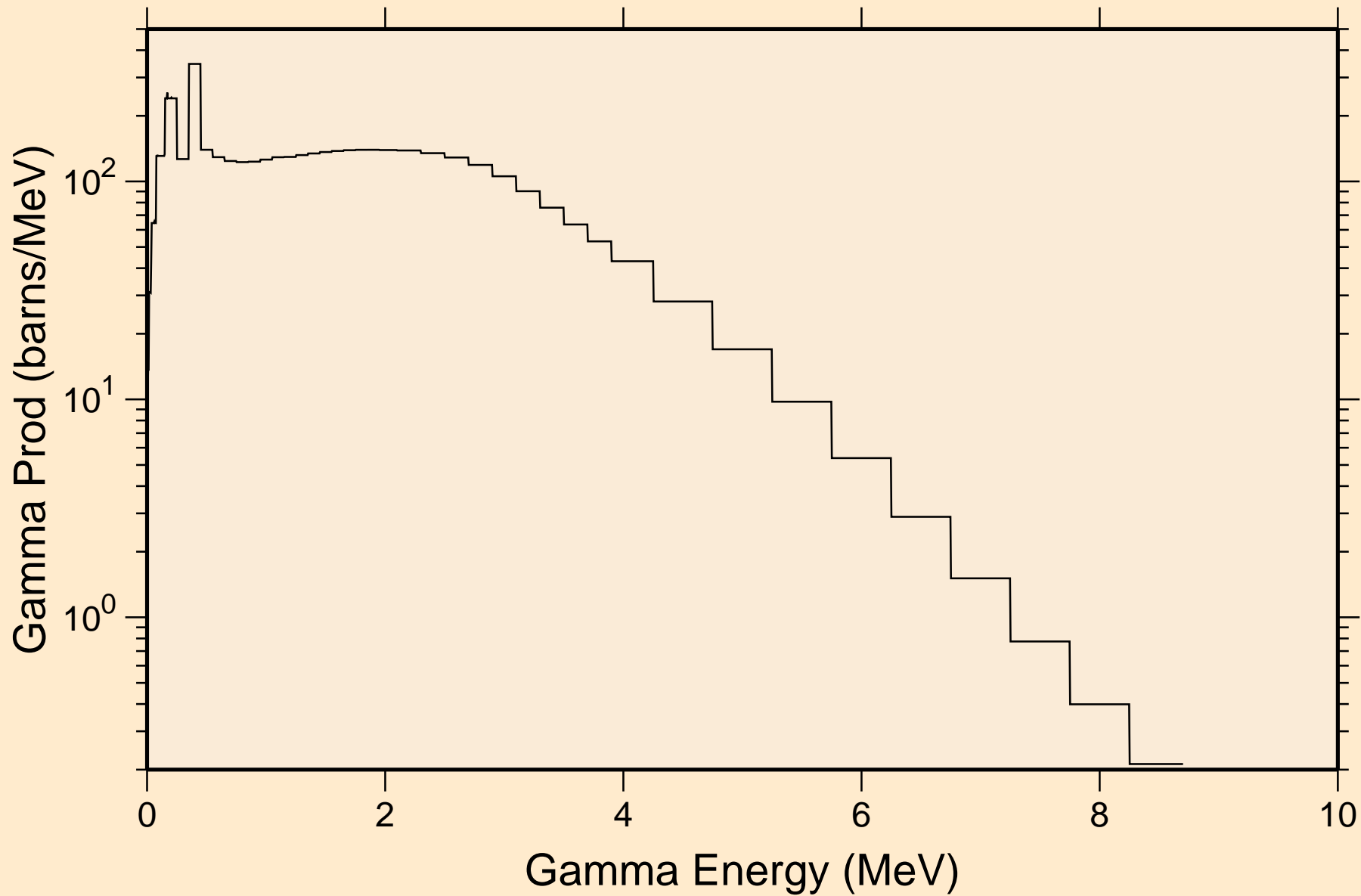
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



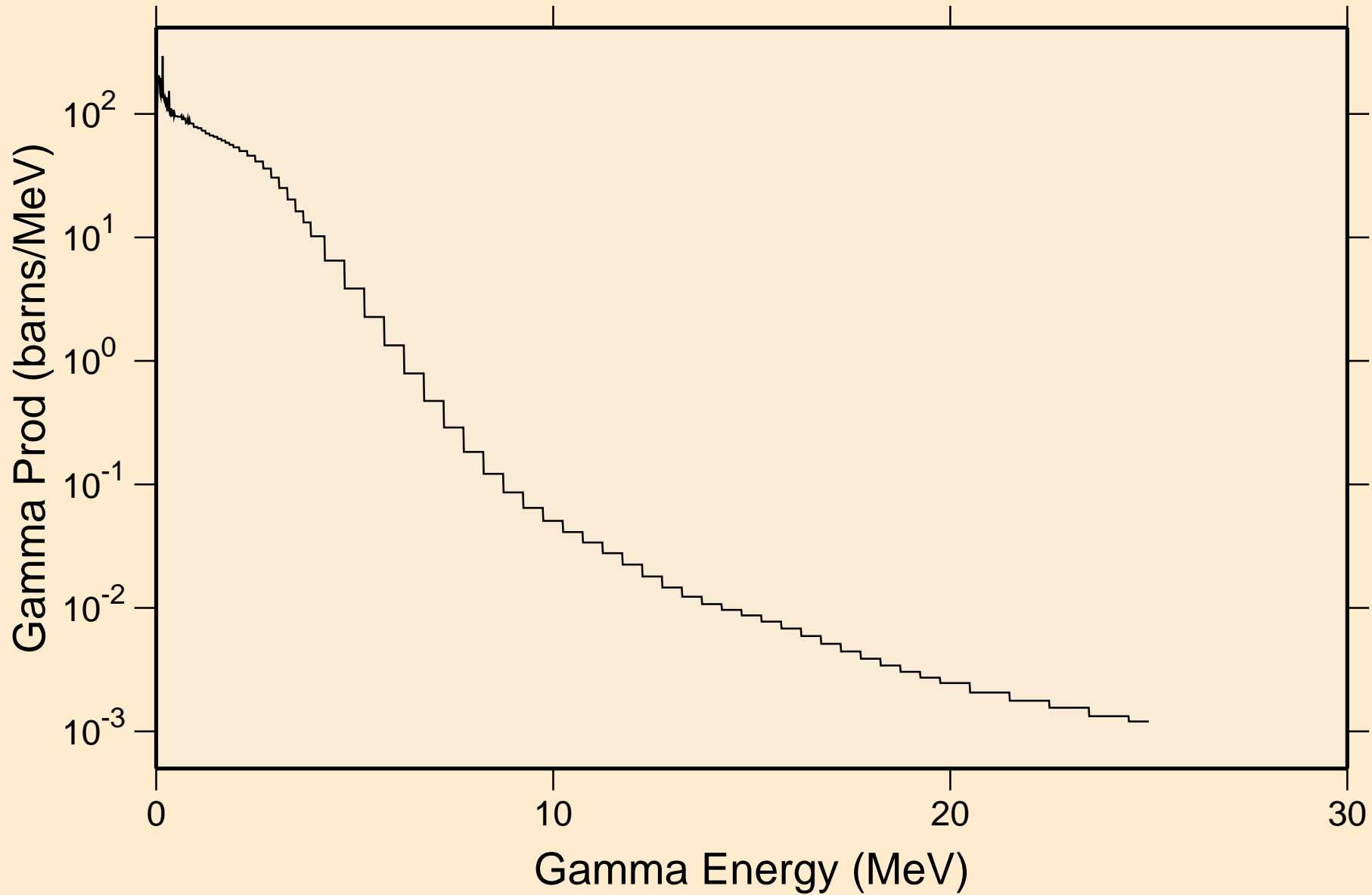
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum



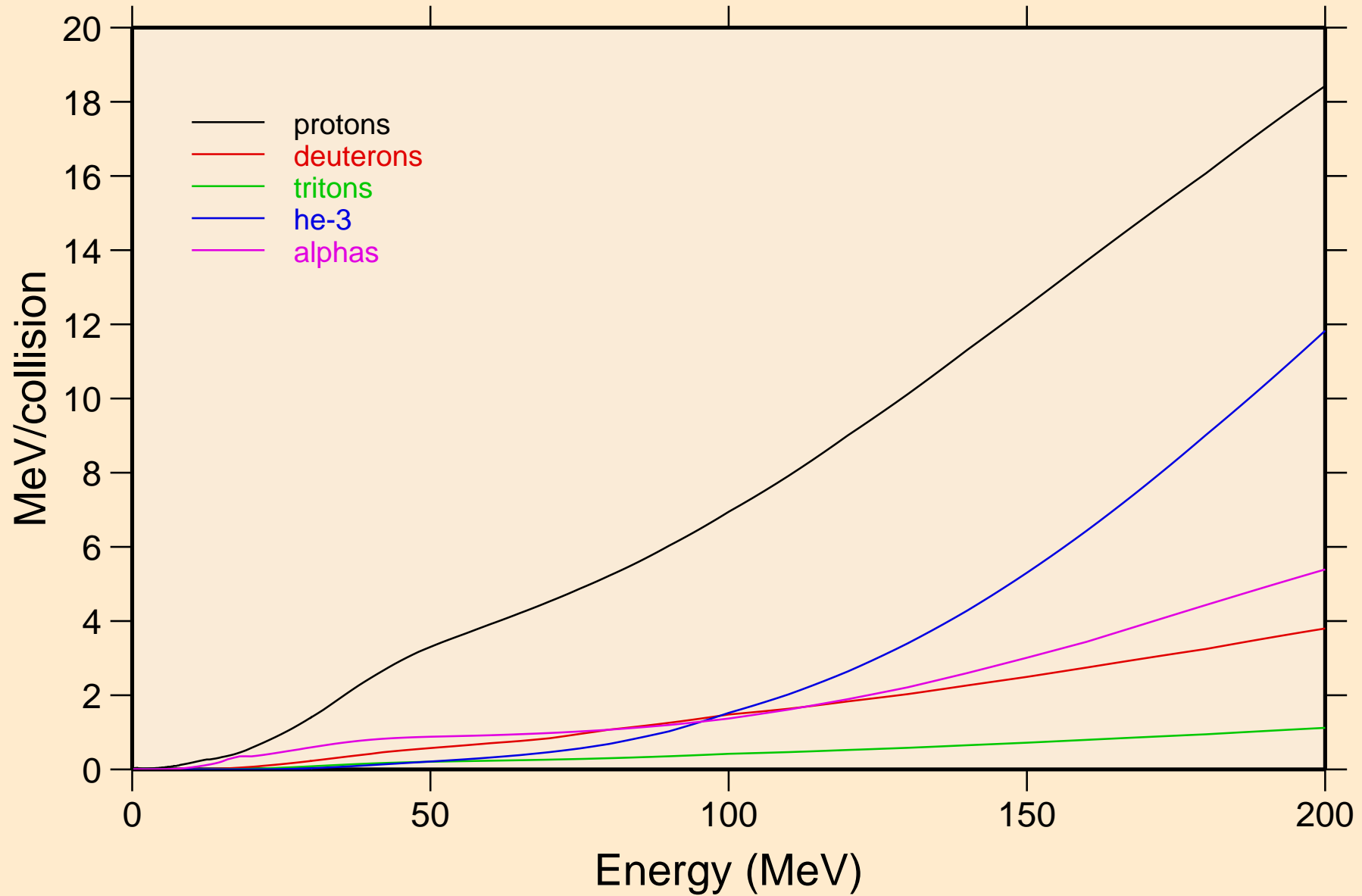
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum



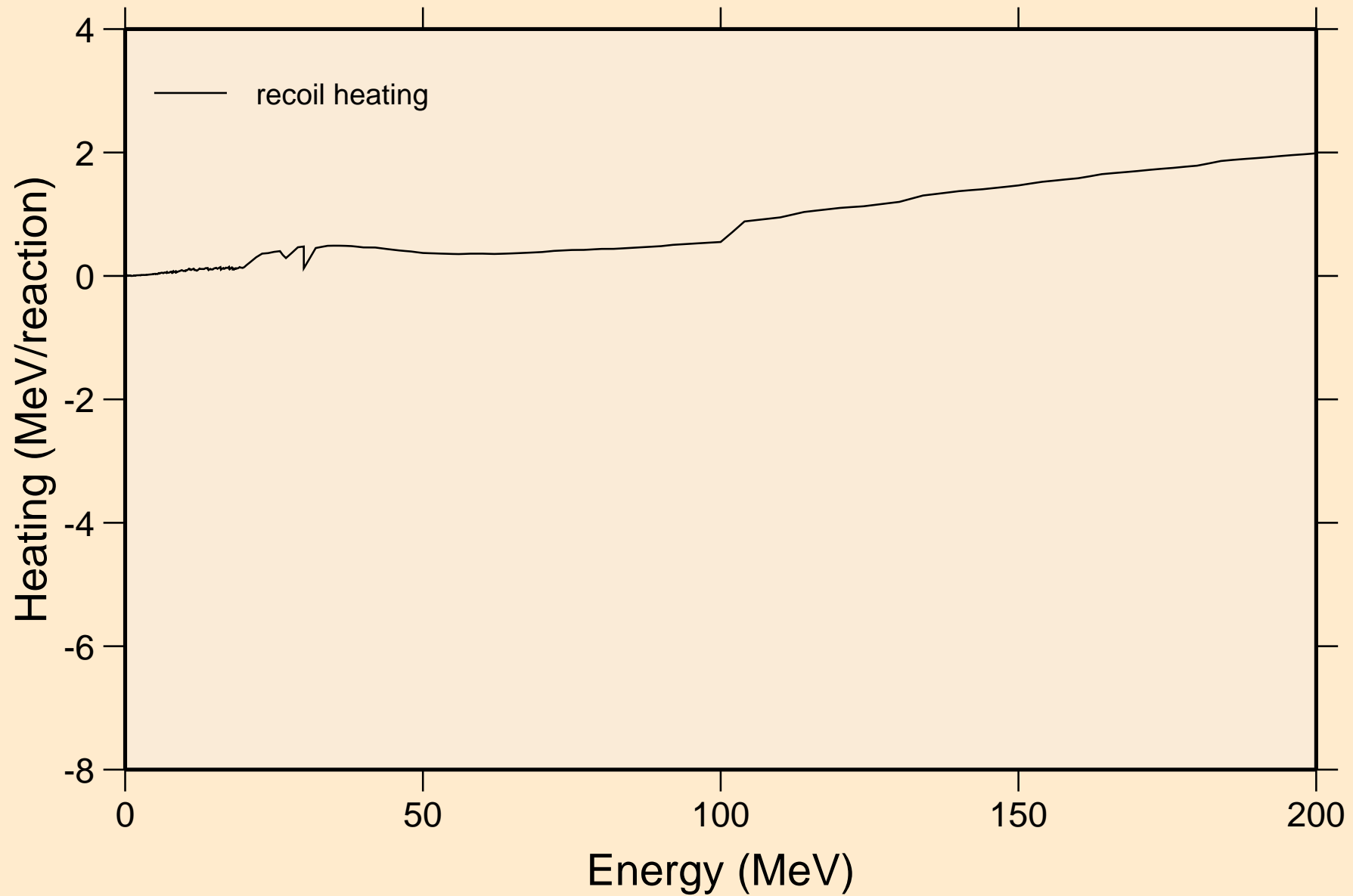


# LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions

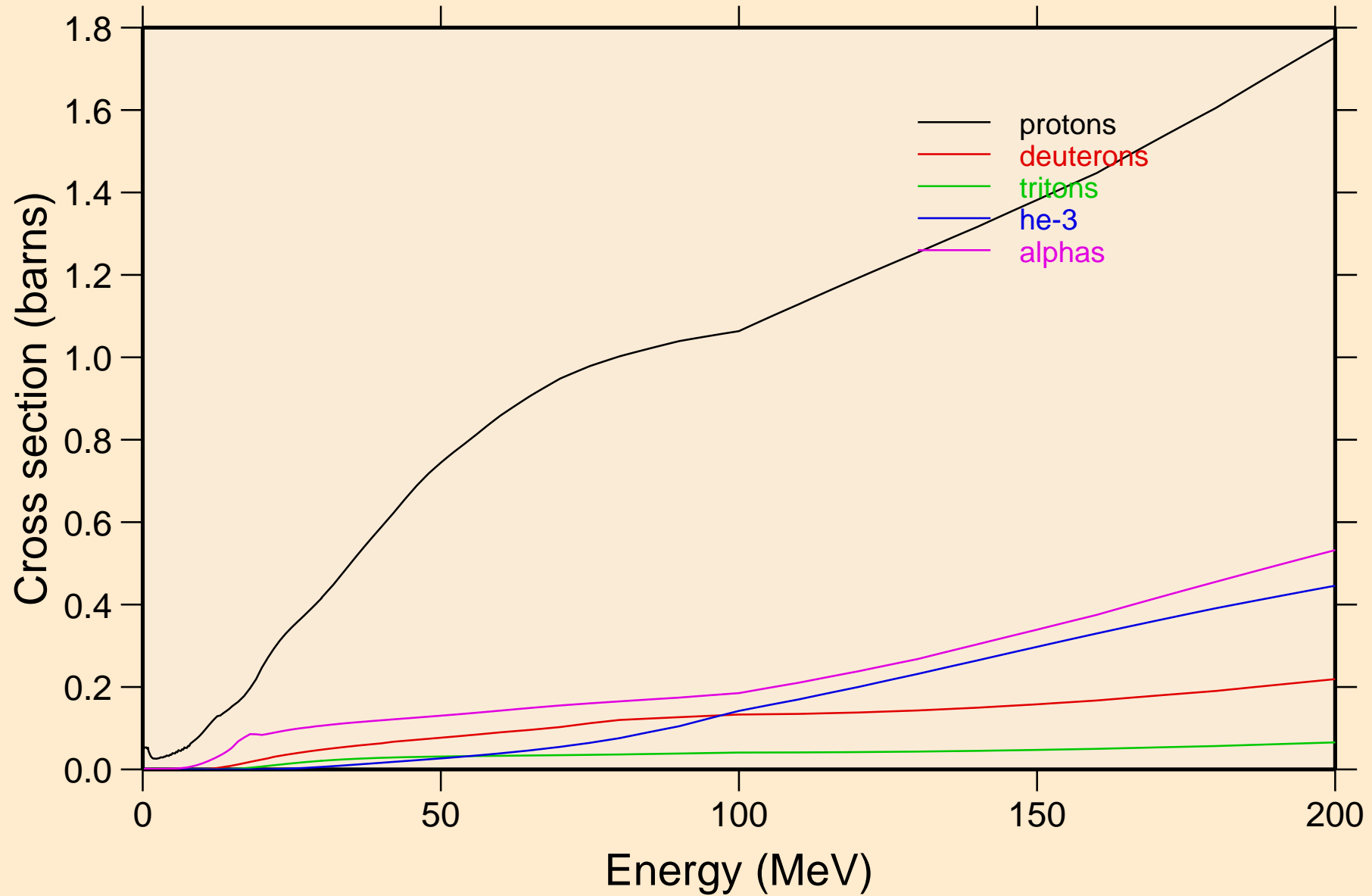


LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating

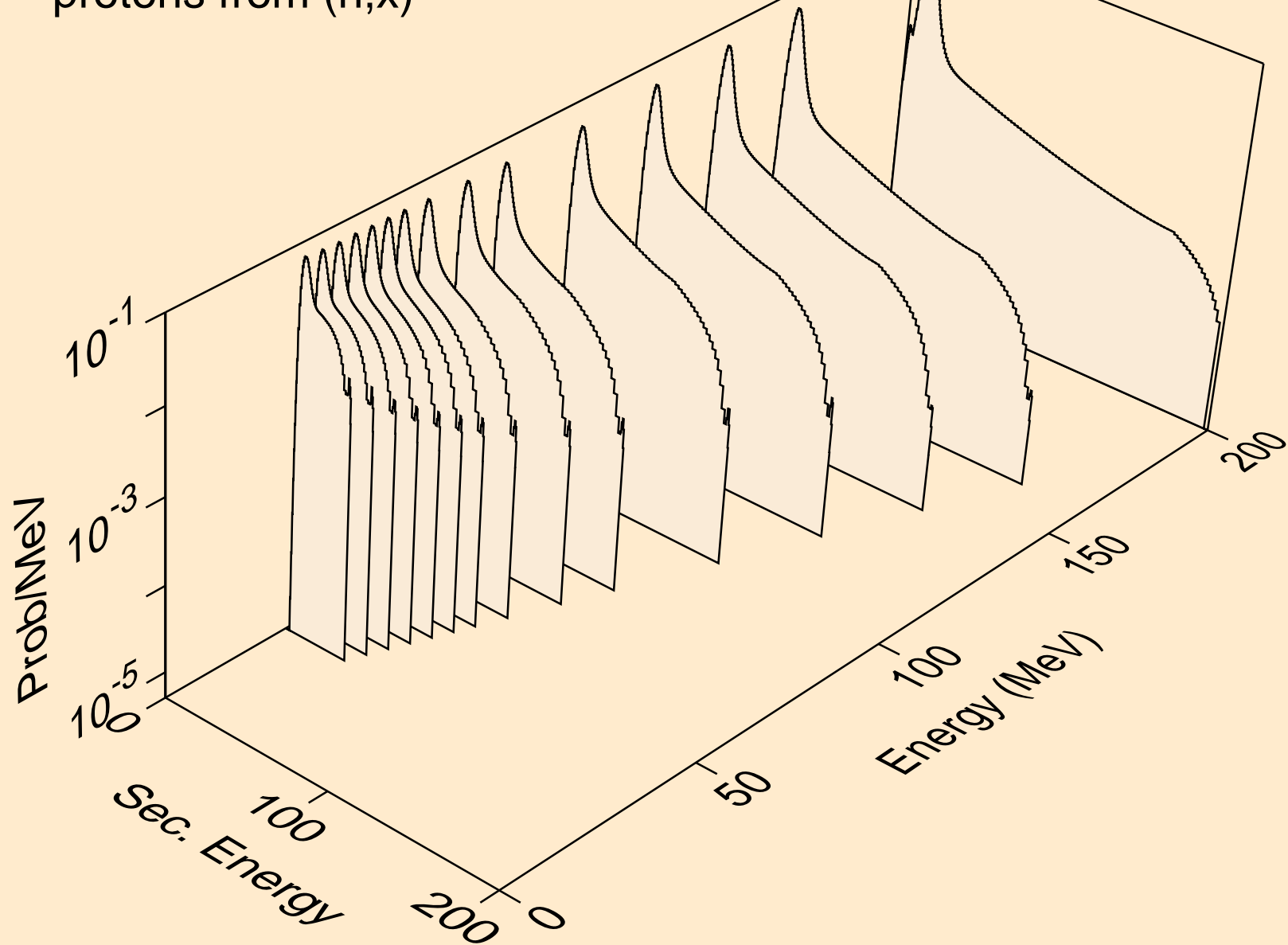


# LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

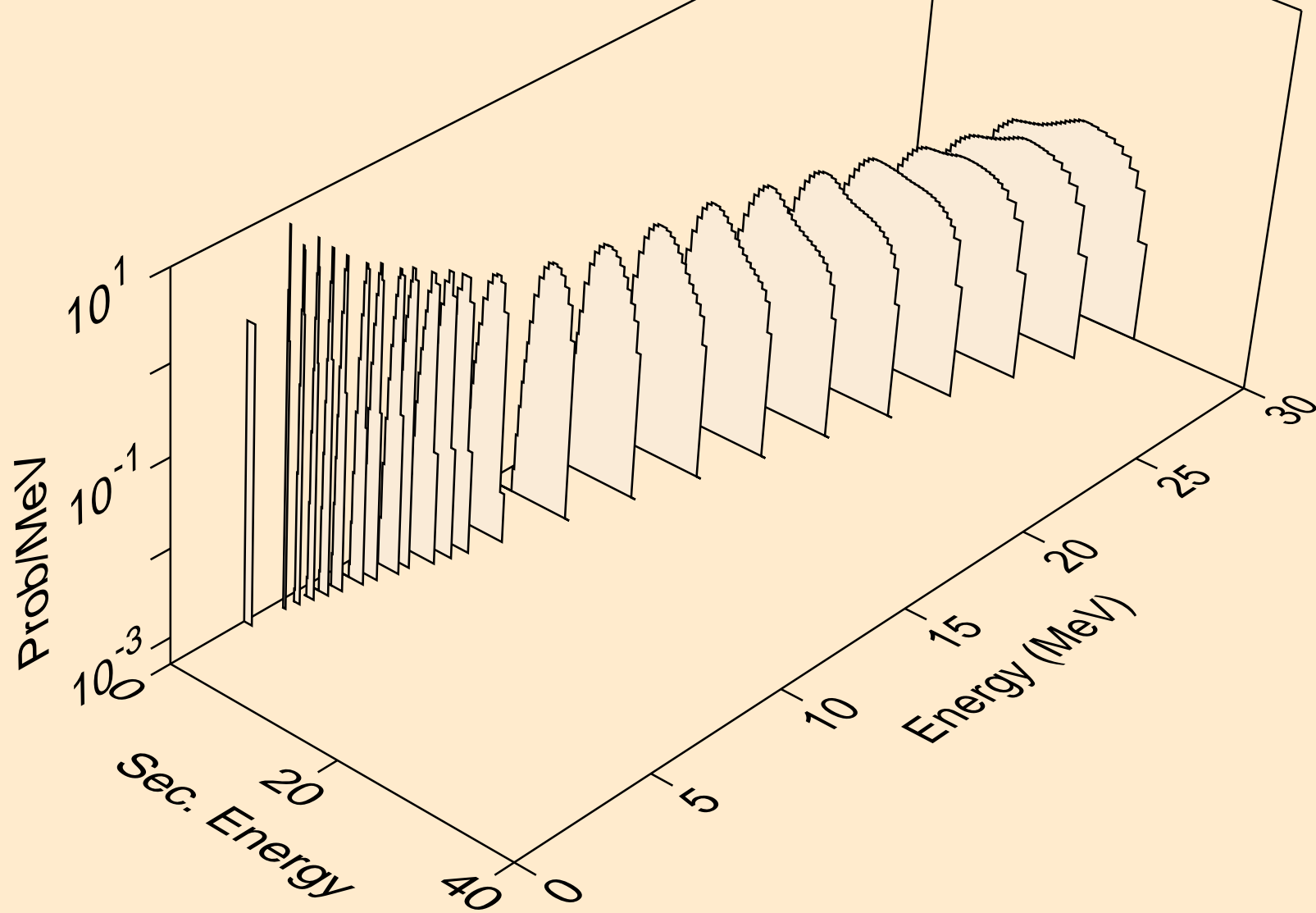
## Particle production cross sections



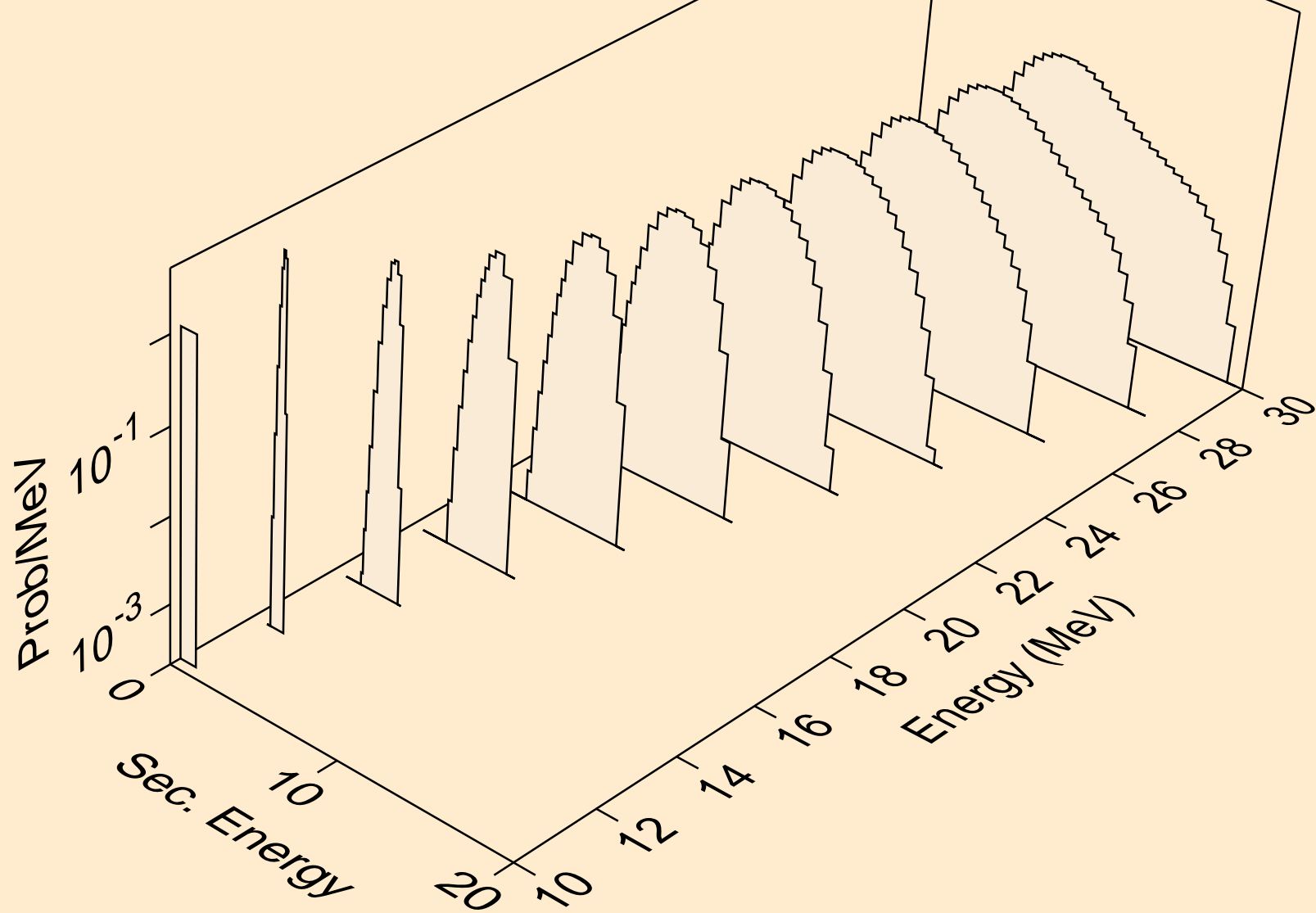
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



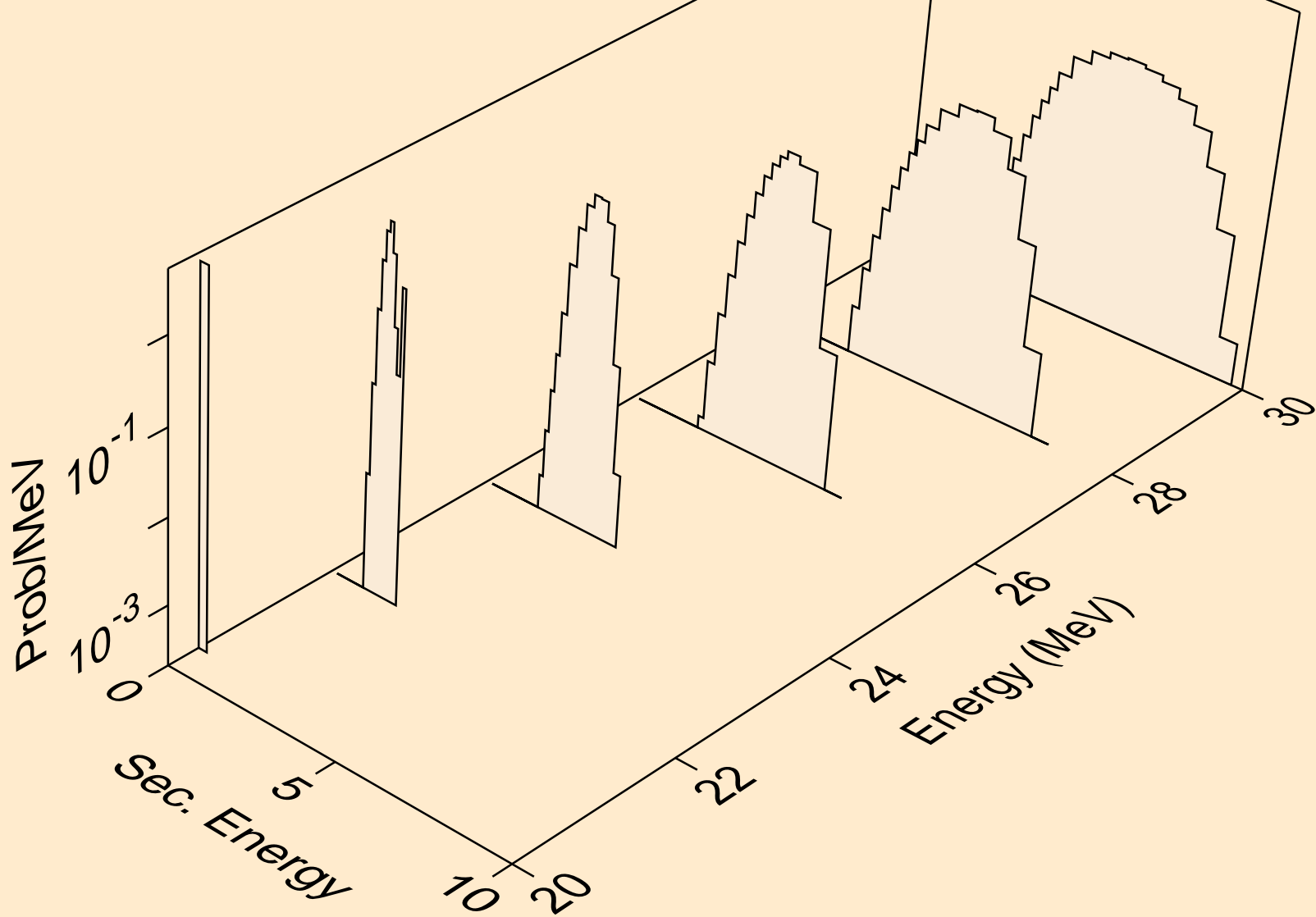
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



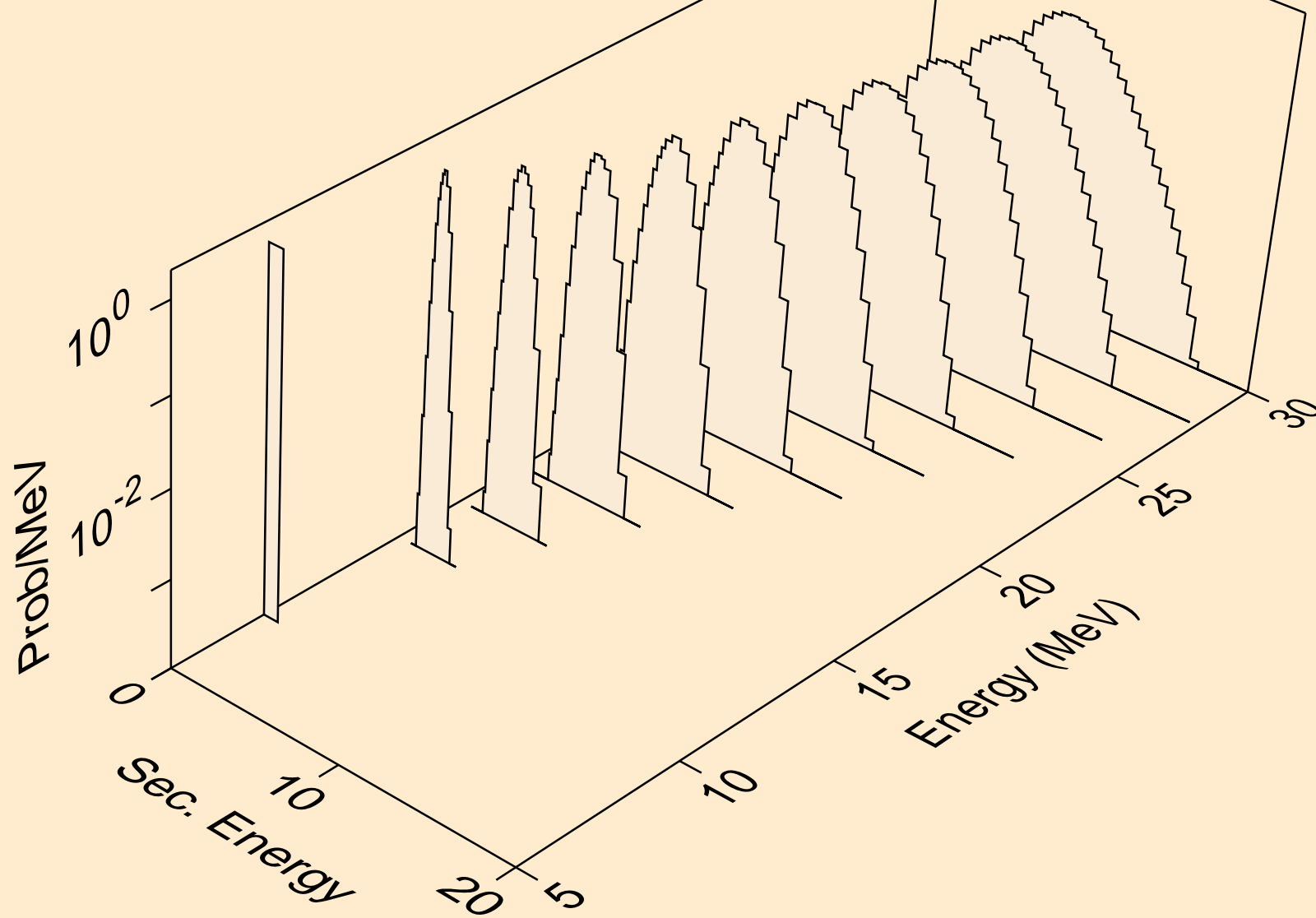
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)



LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)

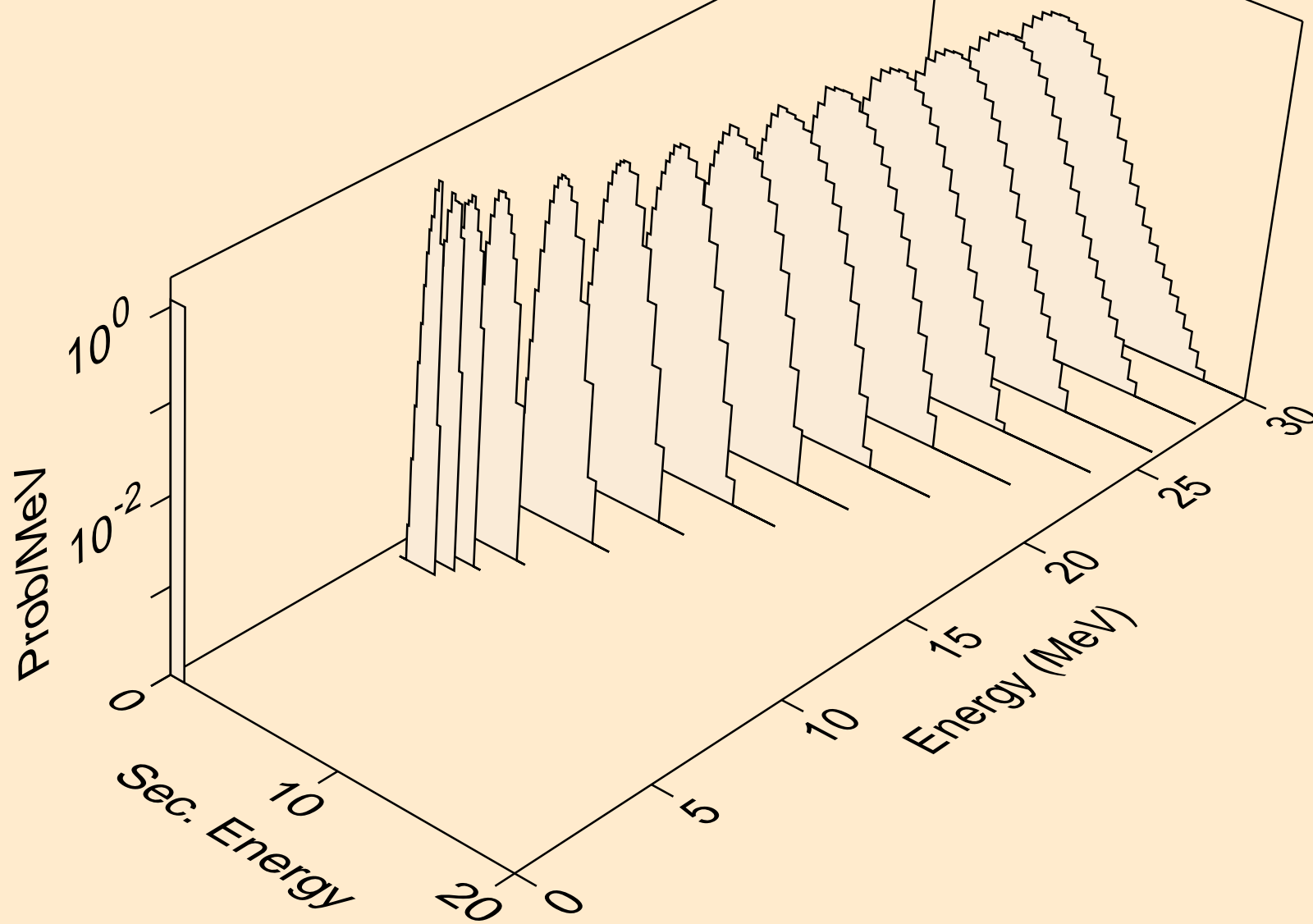


LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n2p)

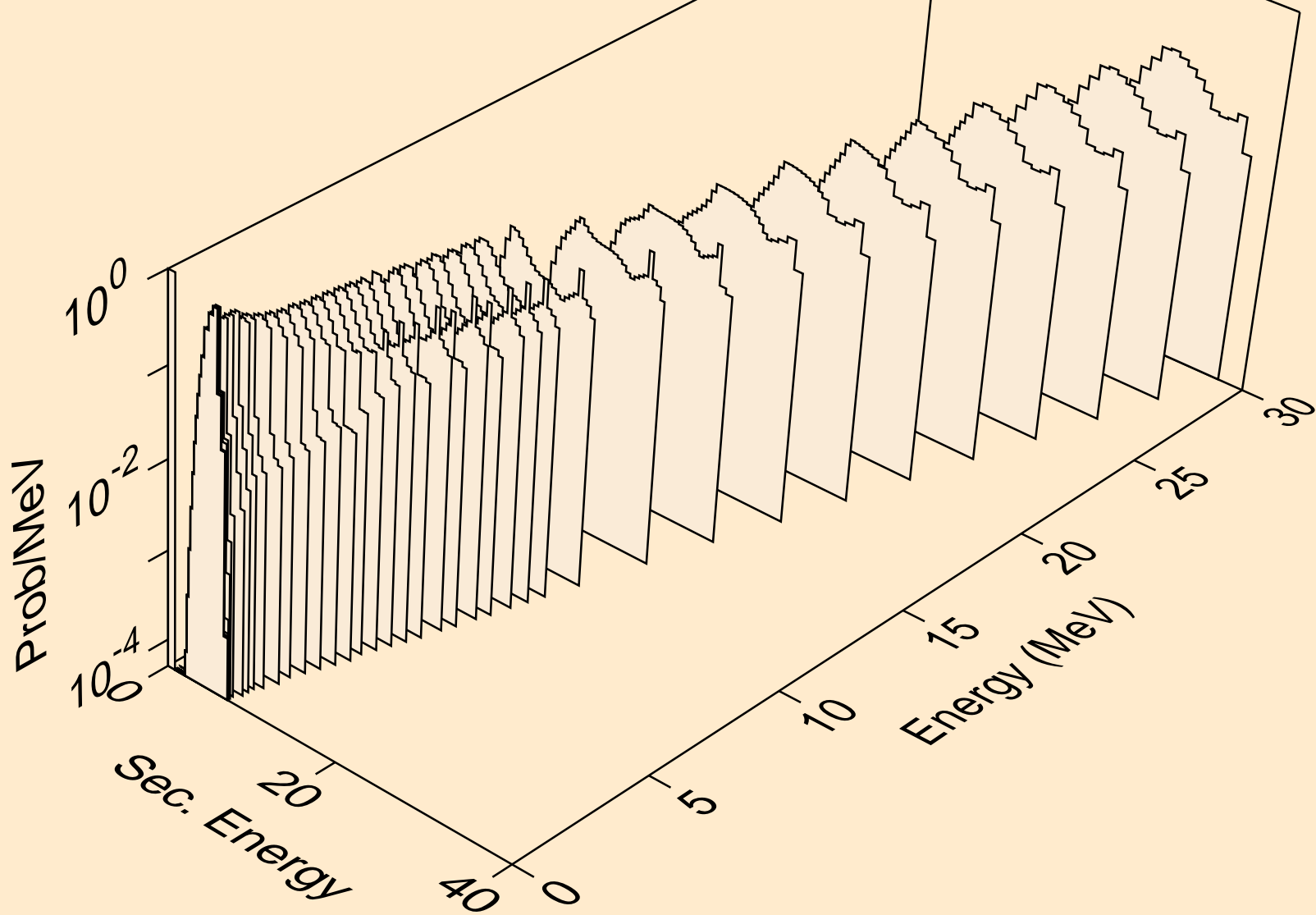




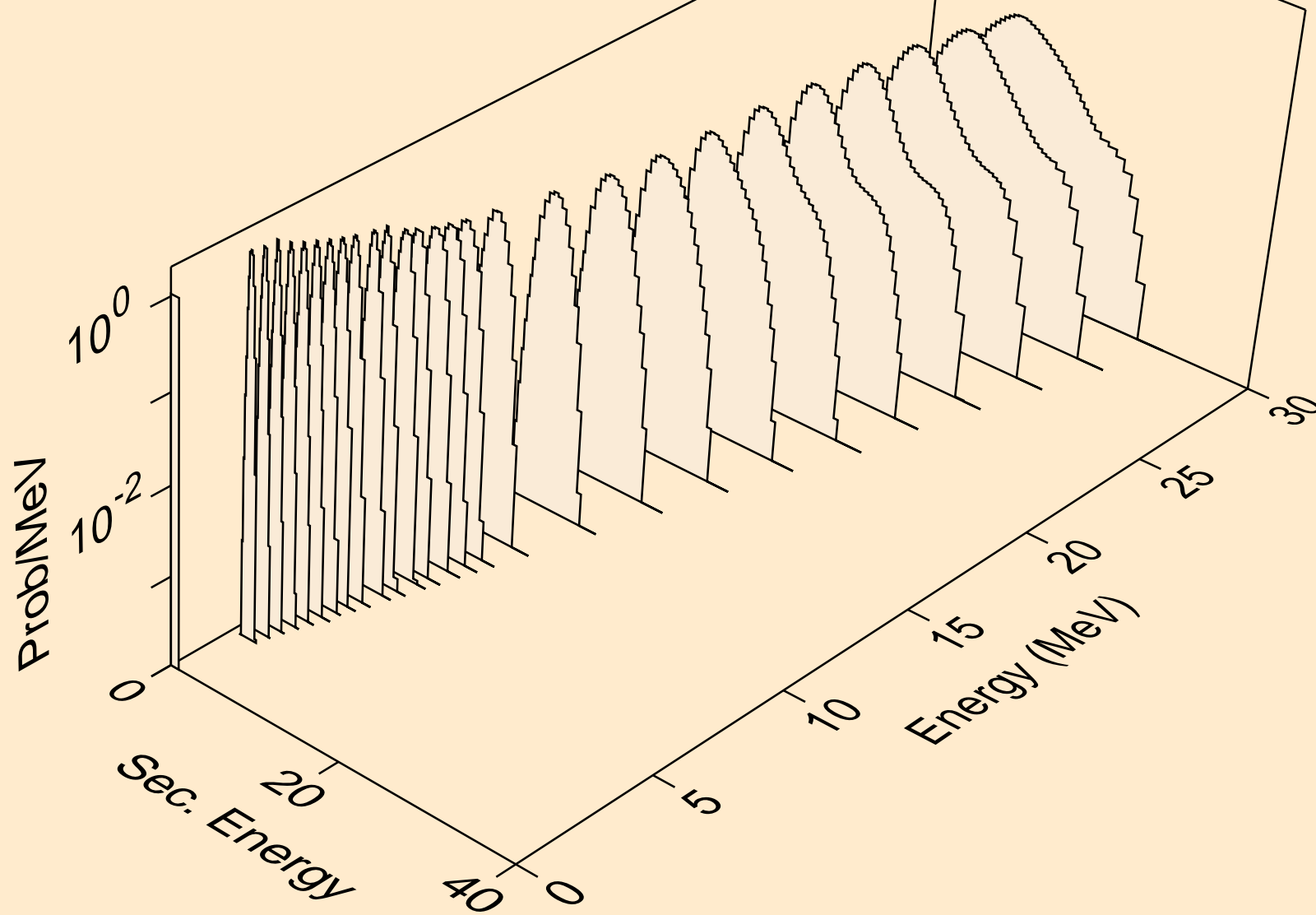
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,npa)



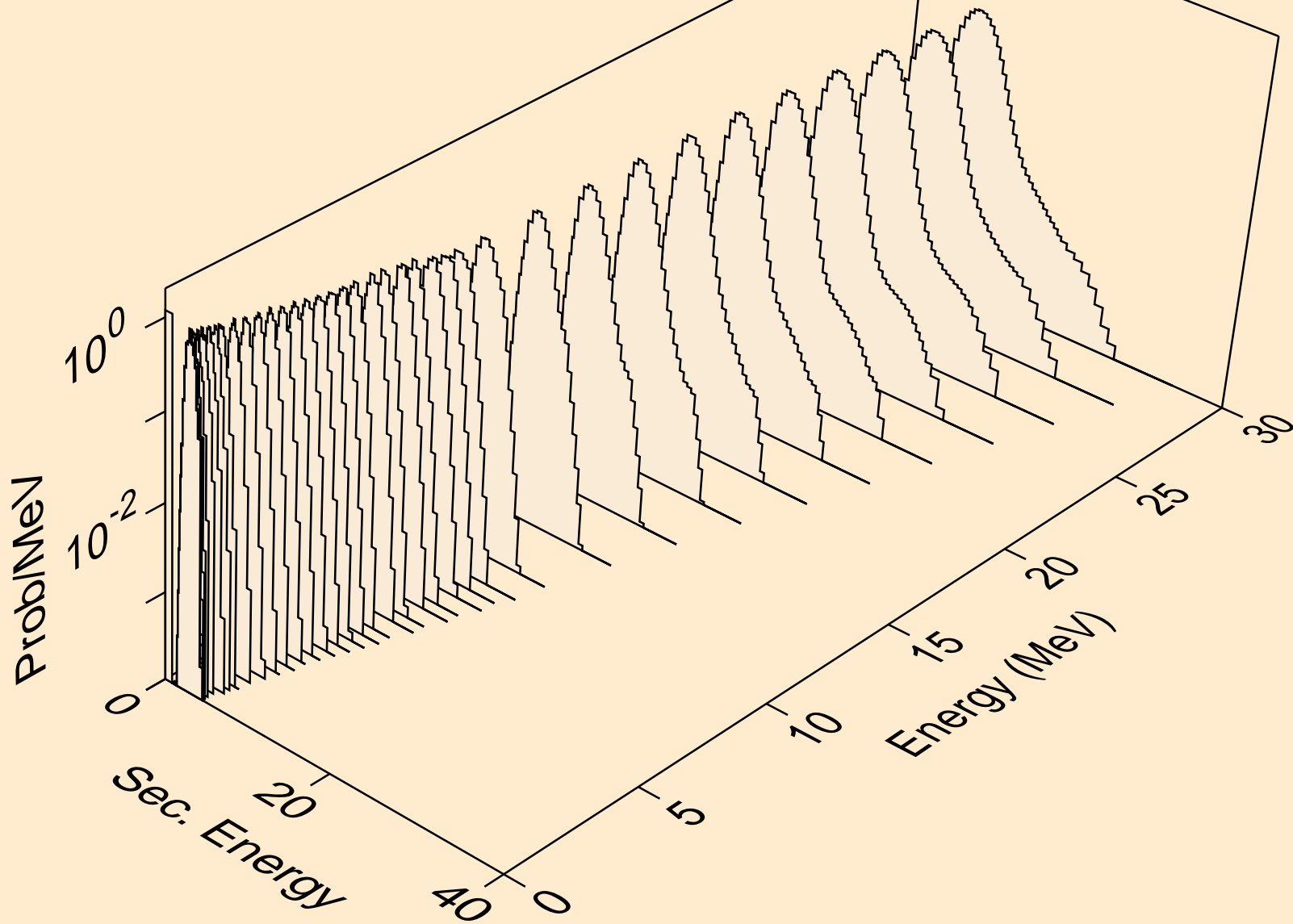
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)



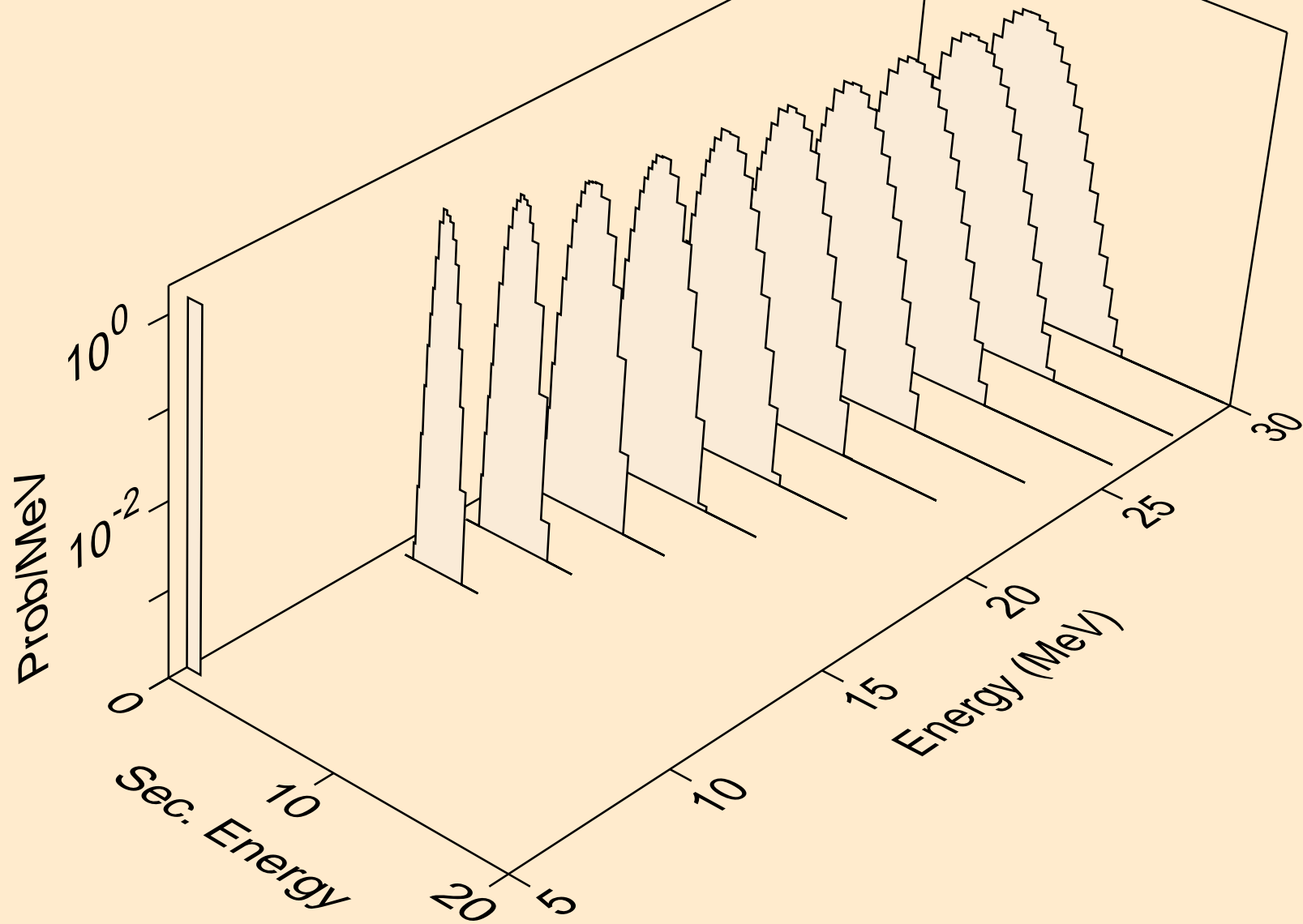
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2p)



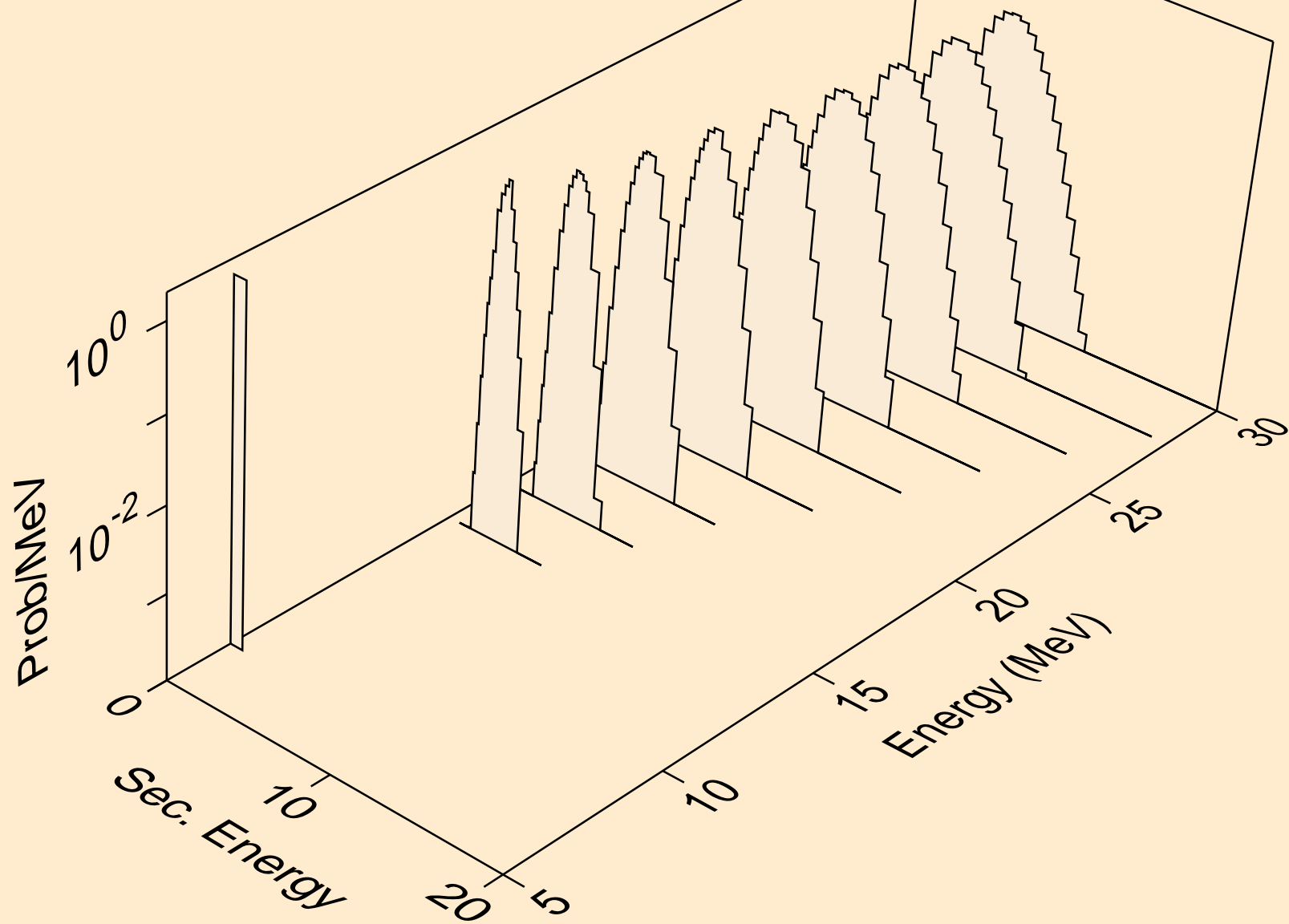
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)



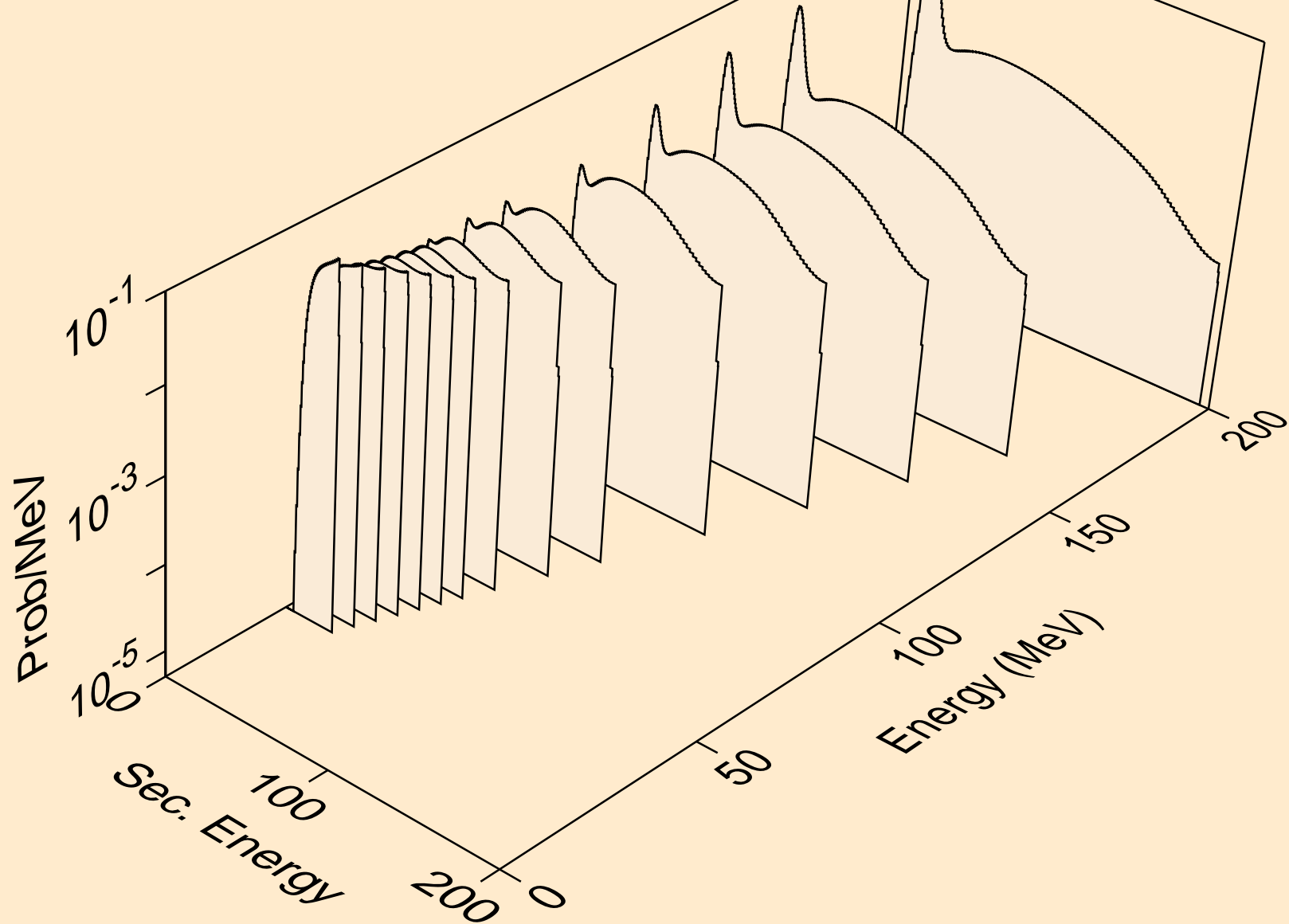
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pd)



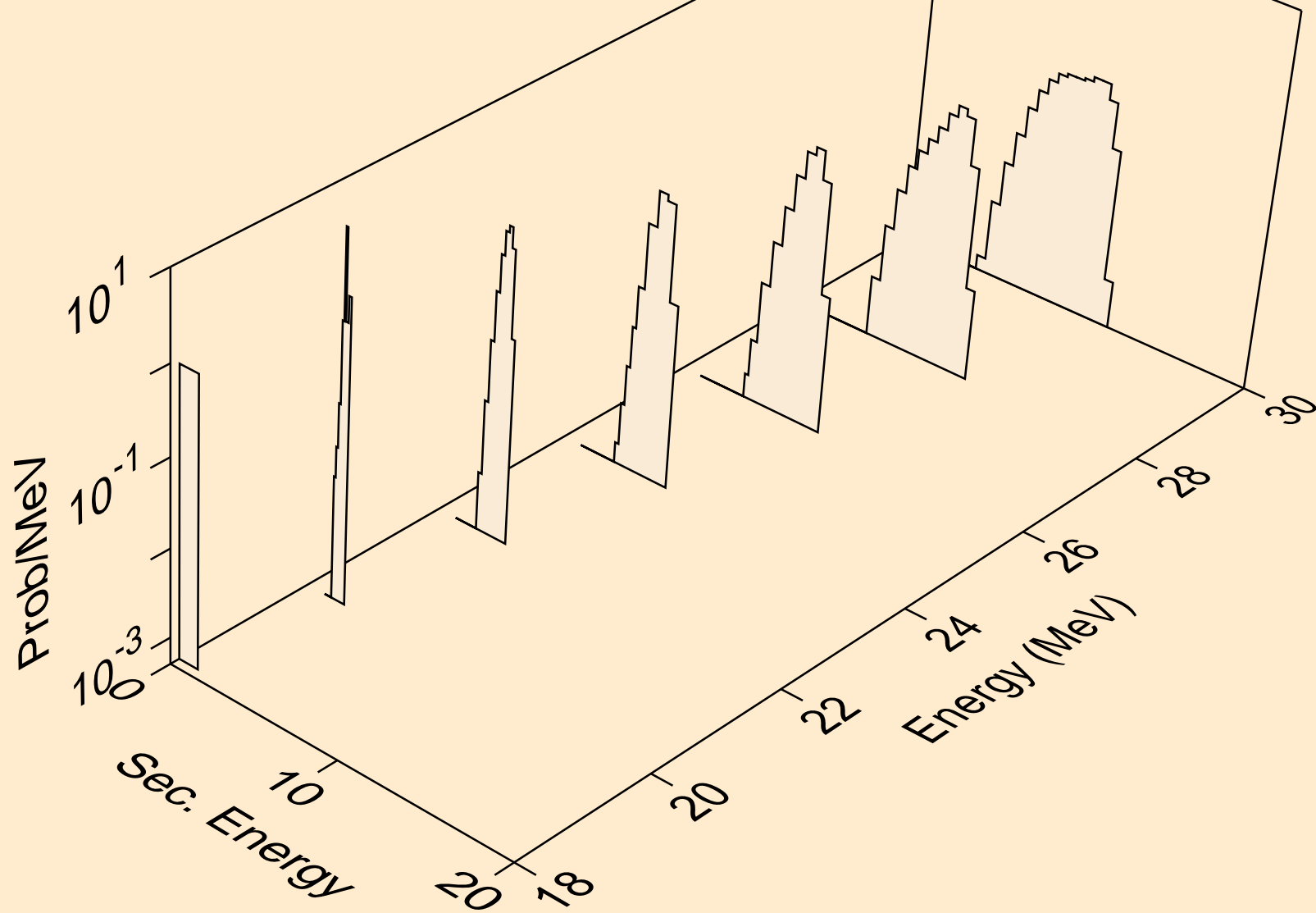
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pt)



LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)

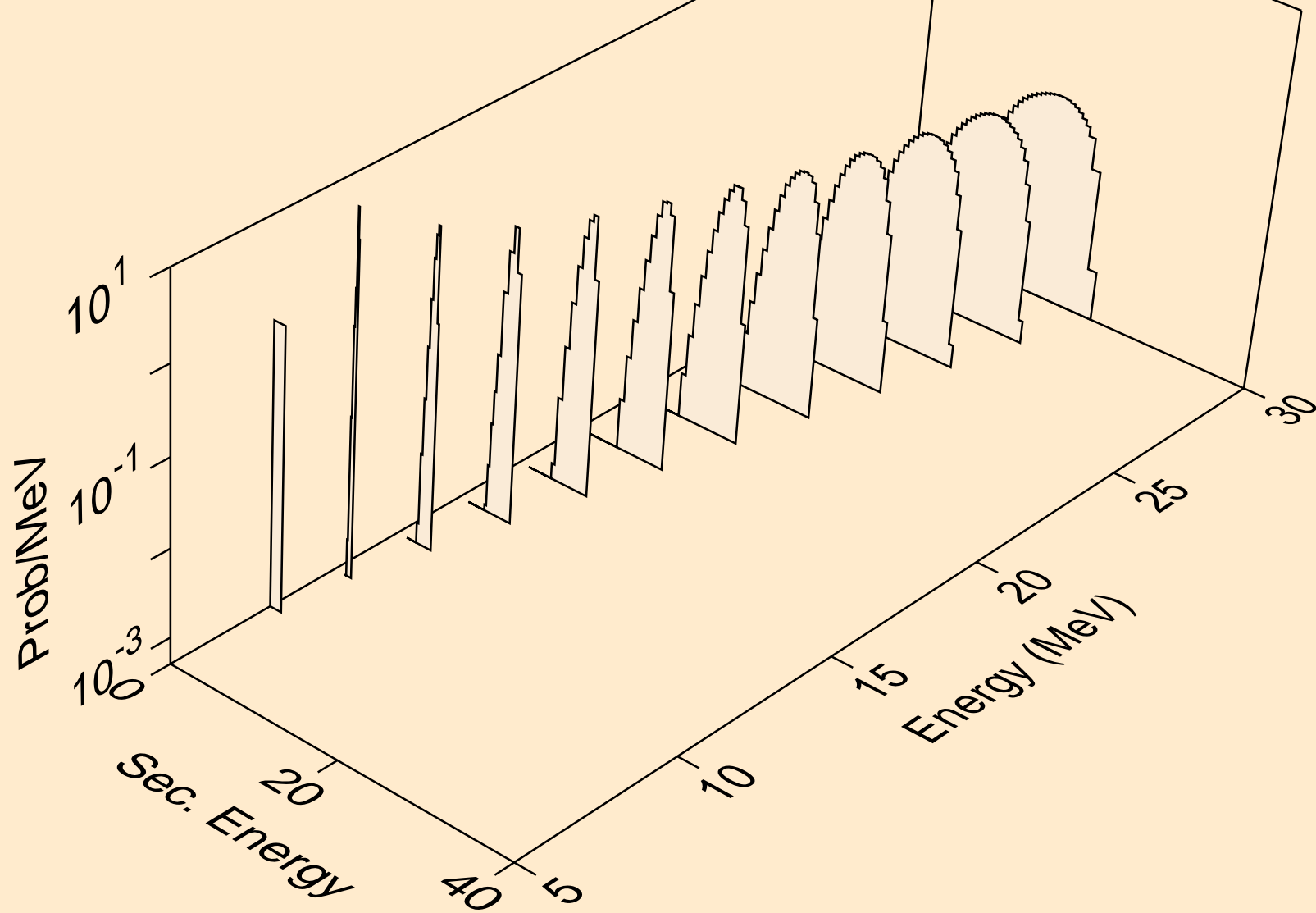


LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,2nd)

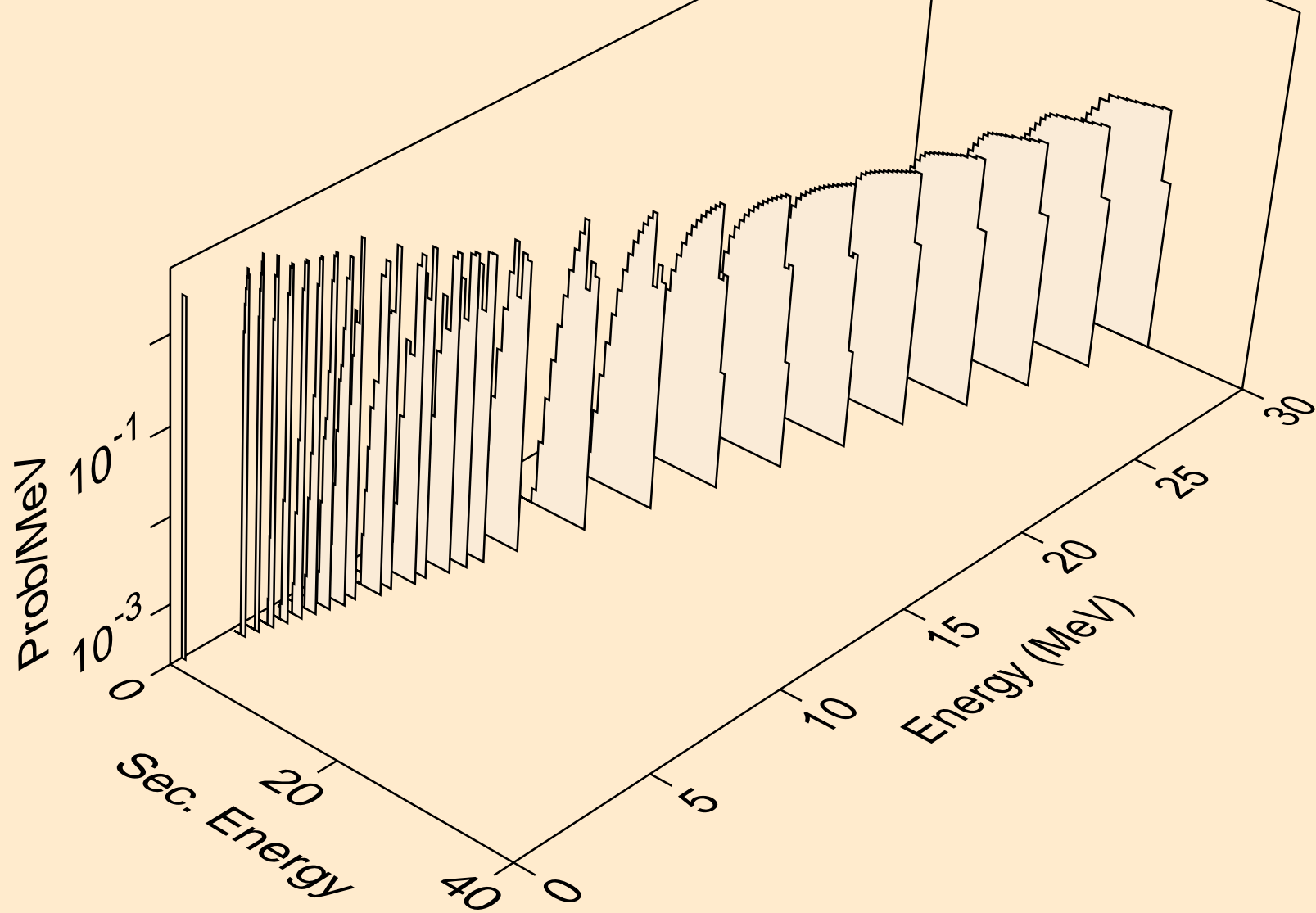




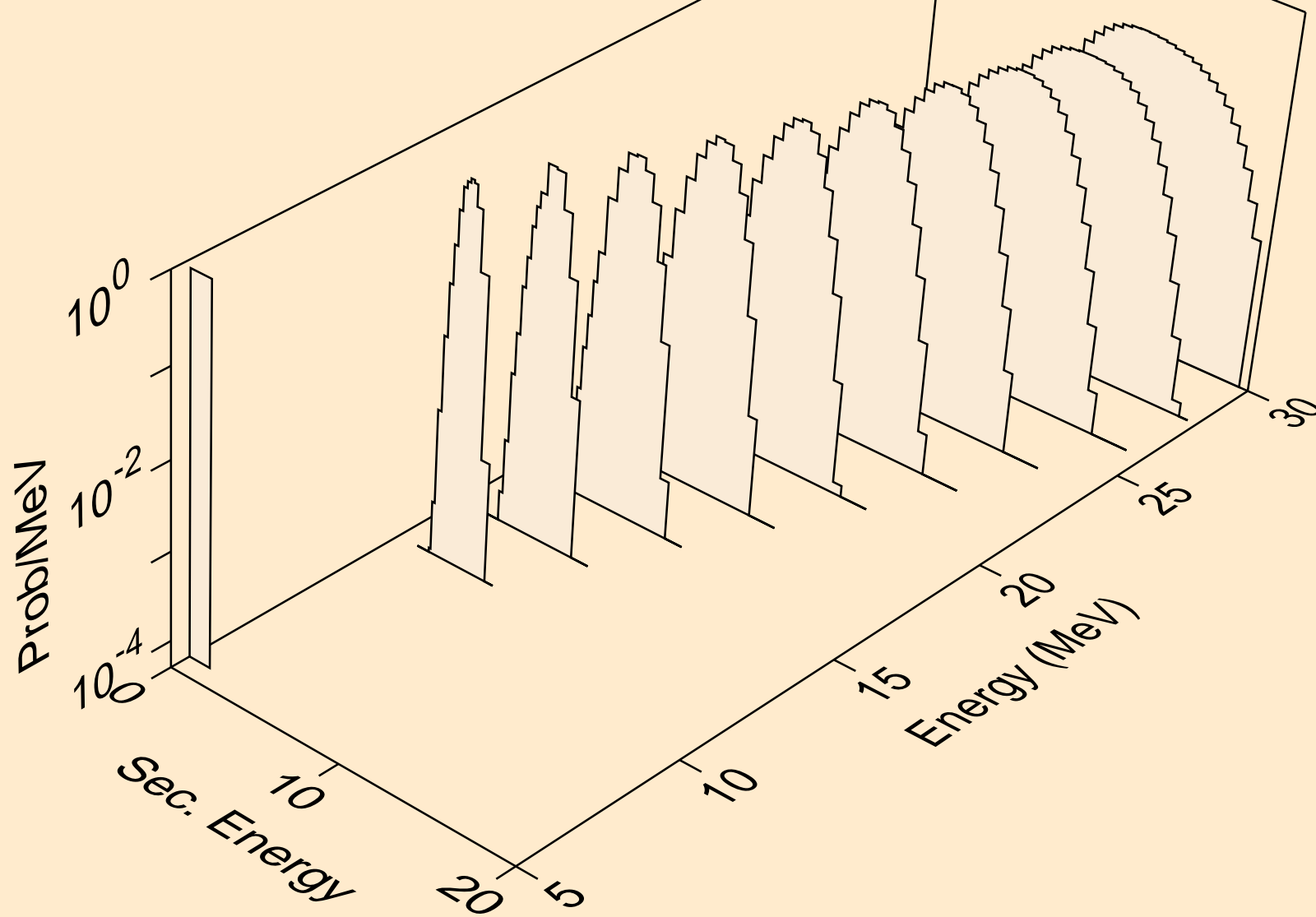
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d



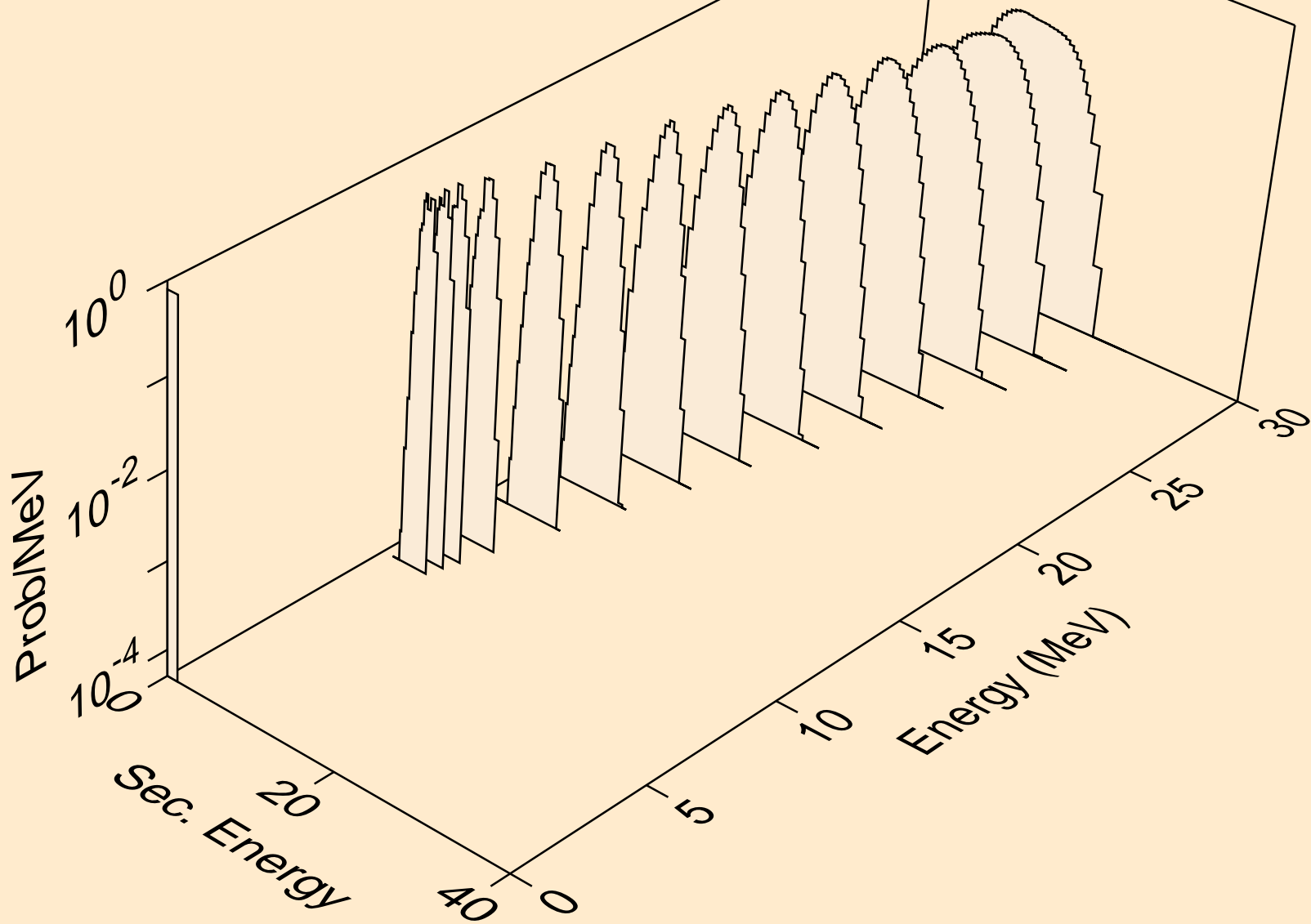
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,d)



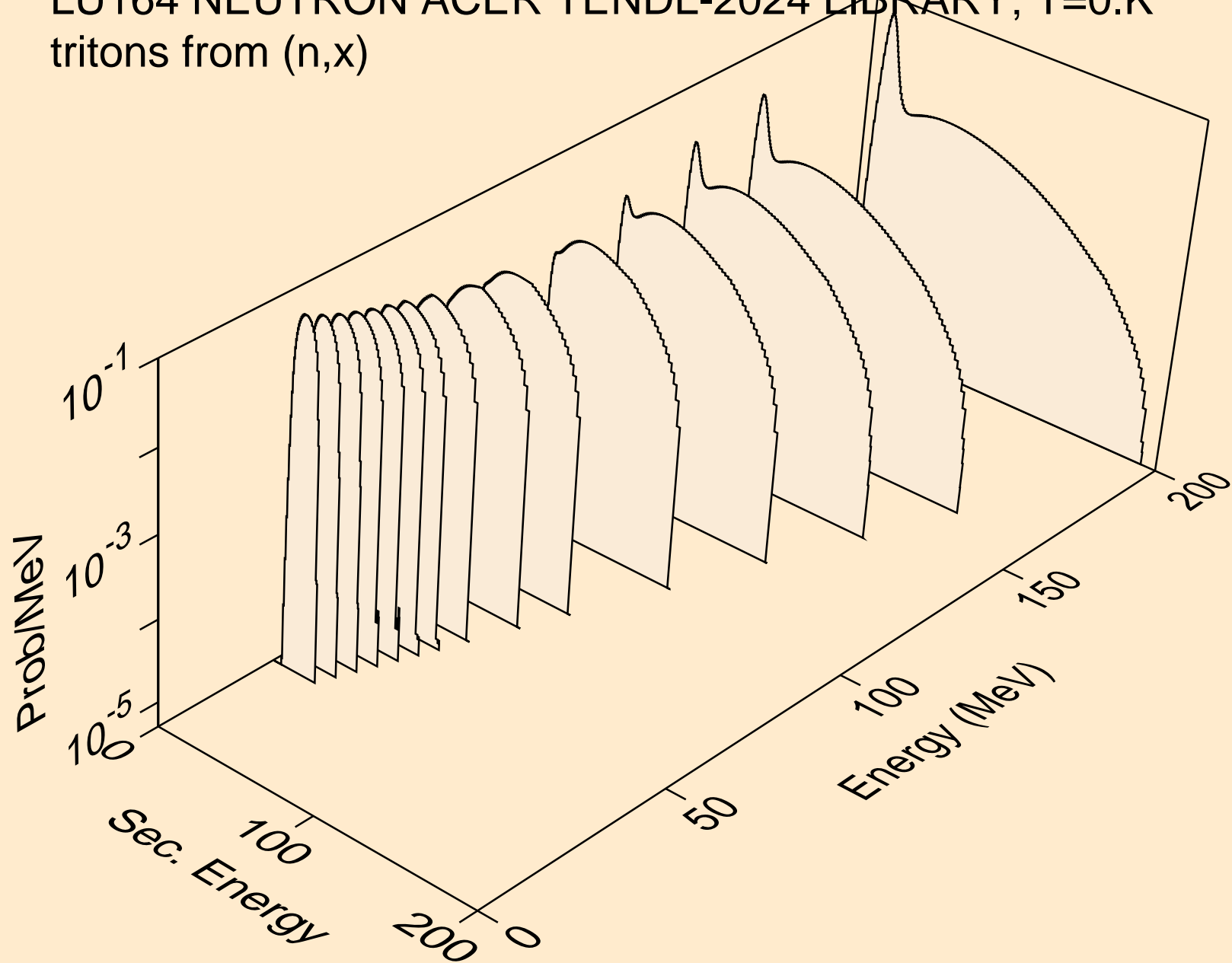
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,pd)



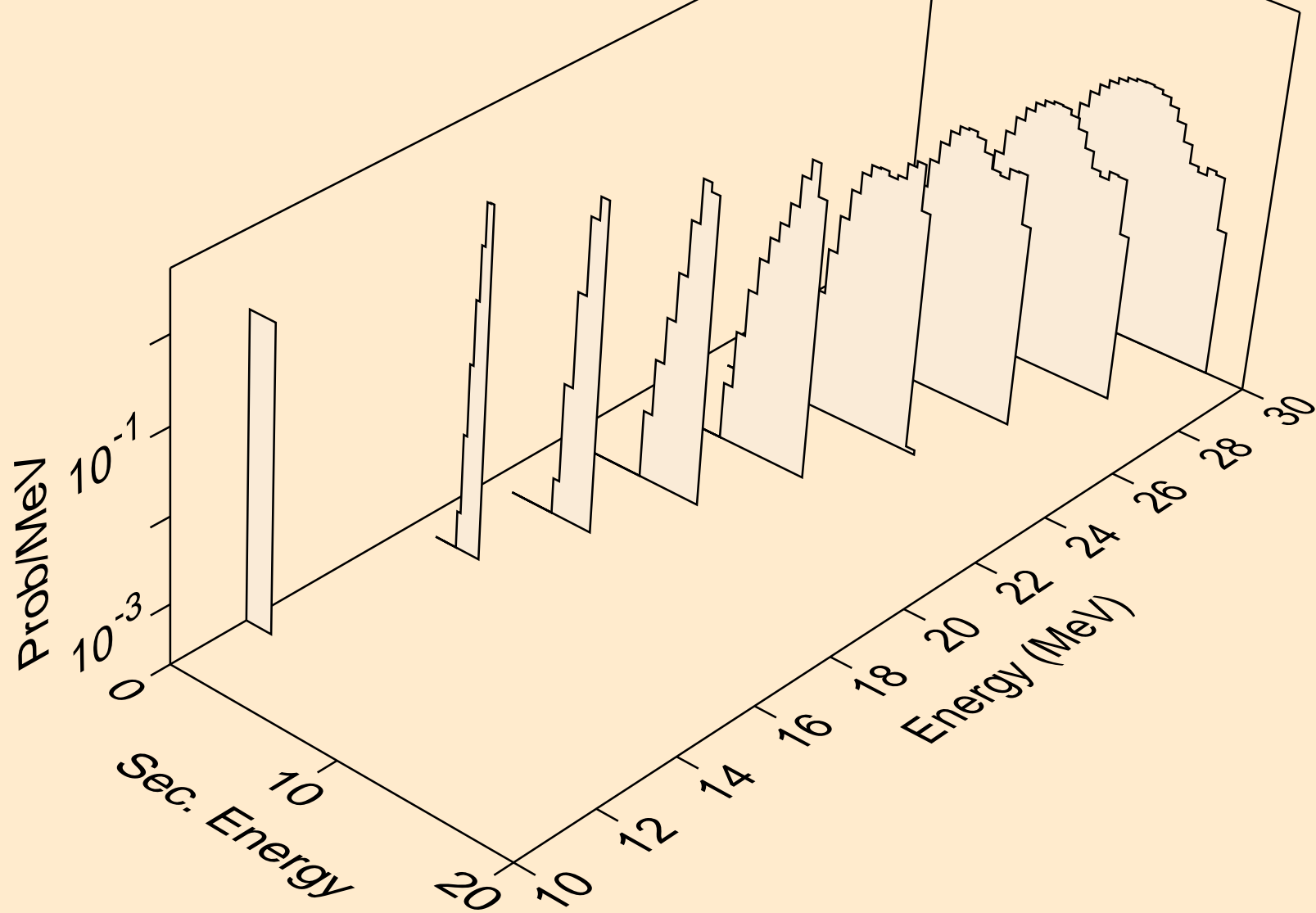
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,da)



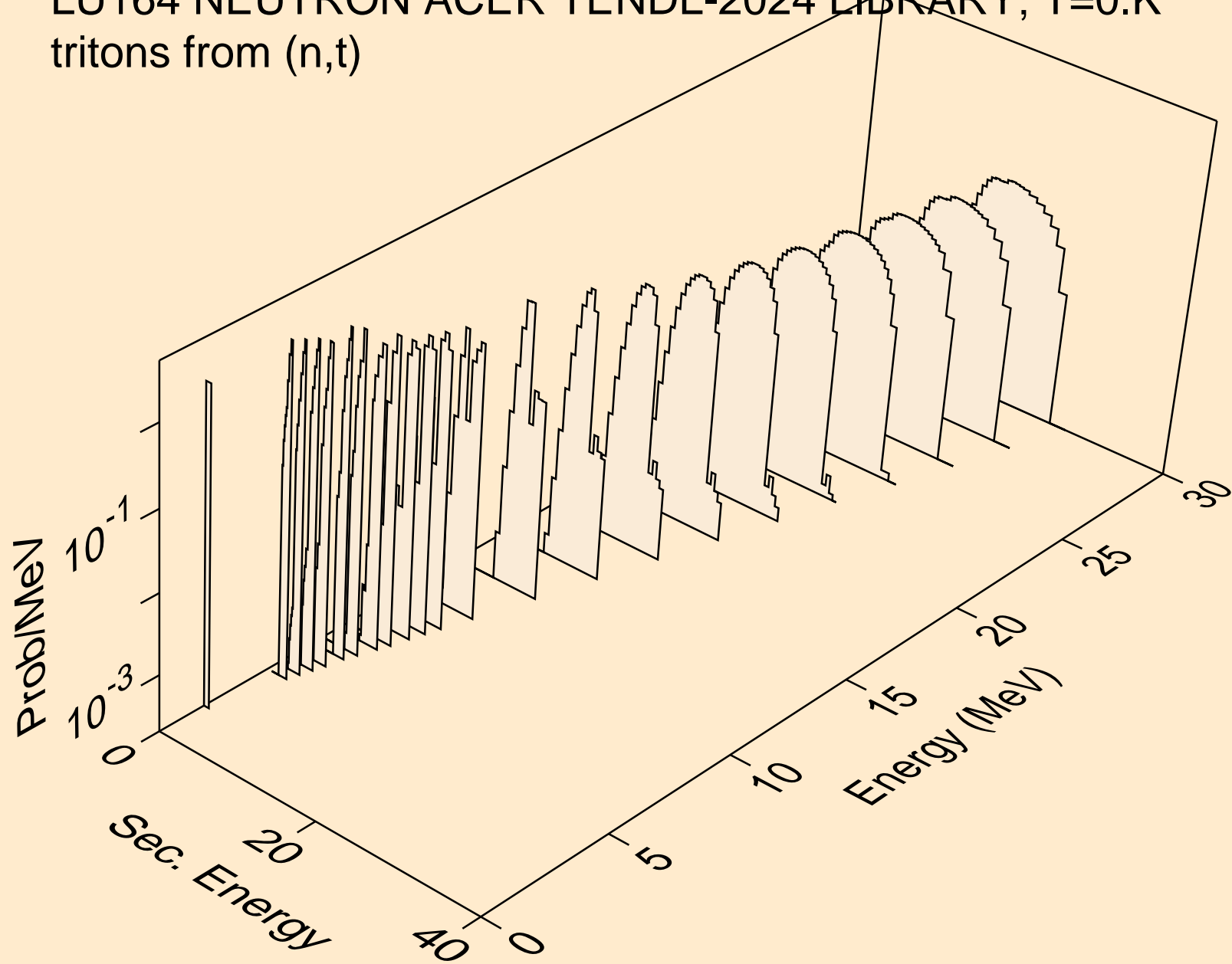
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)



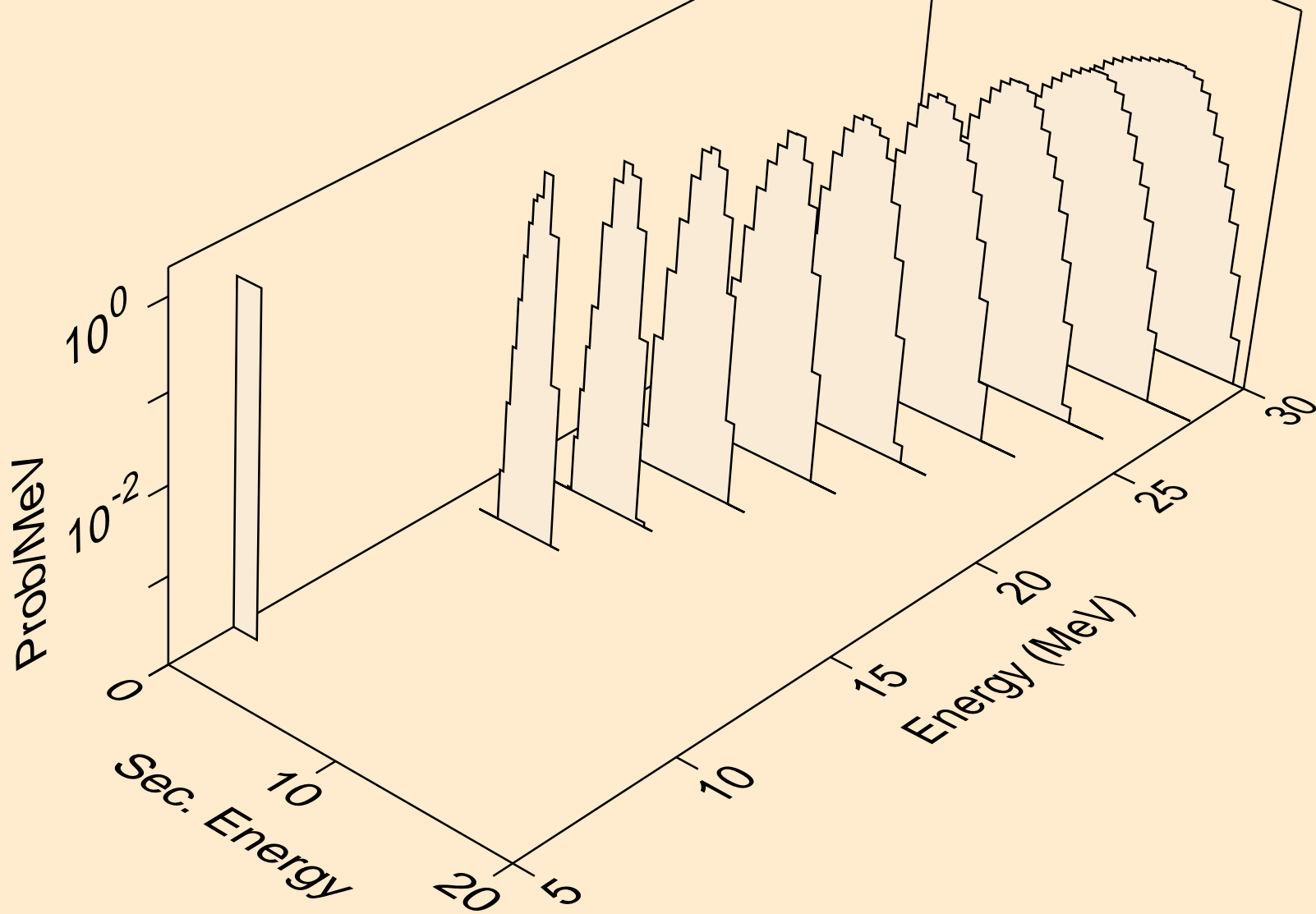
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)

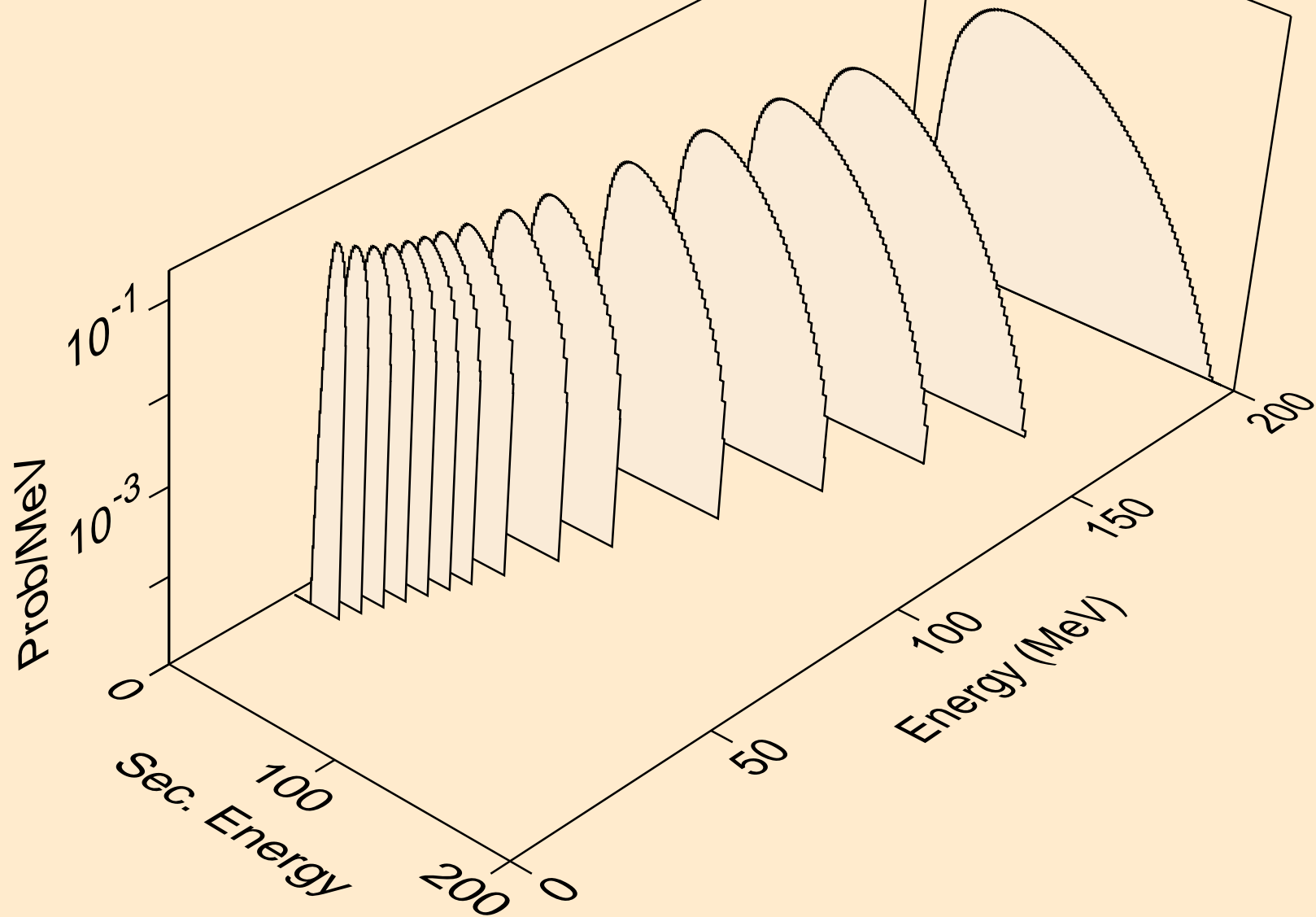


LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,pt)

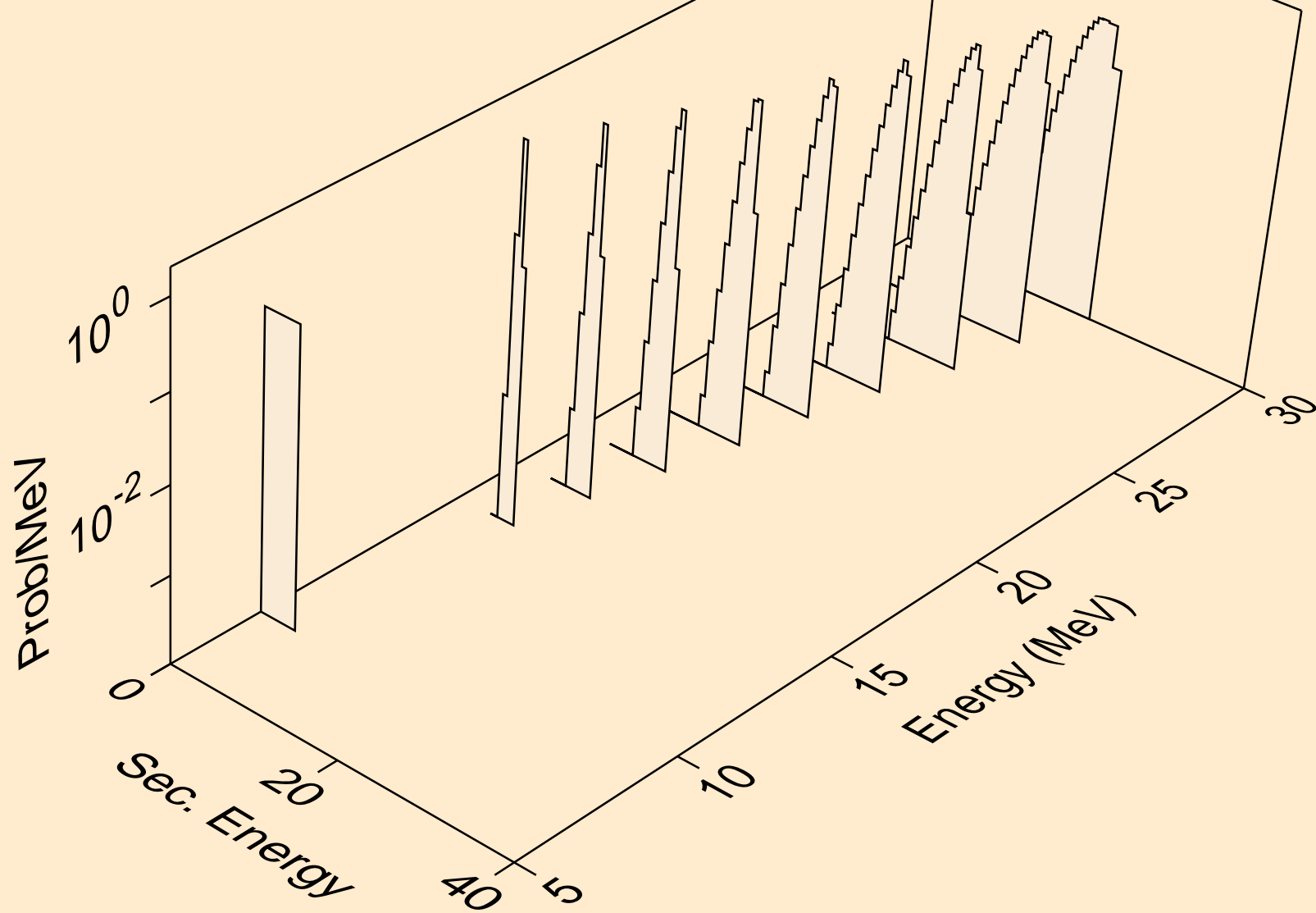




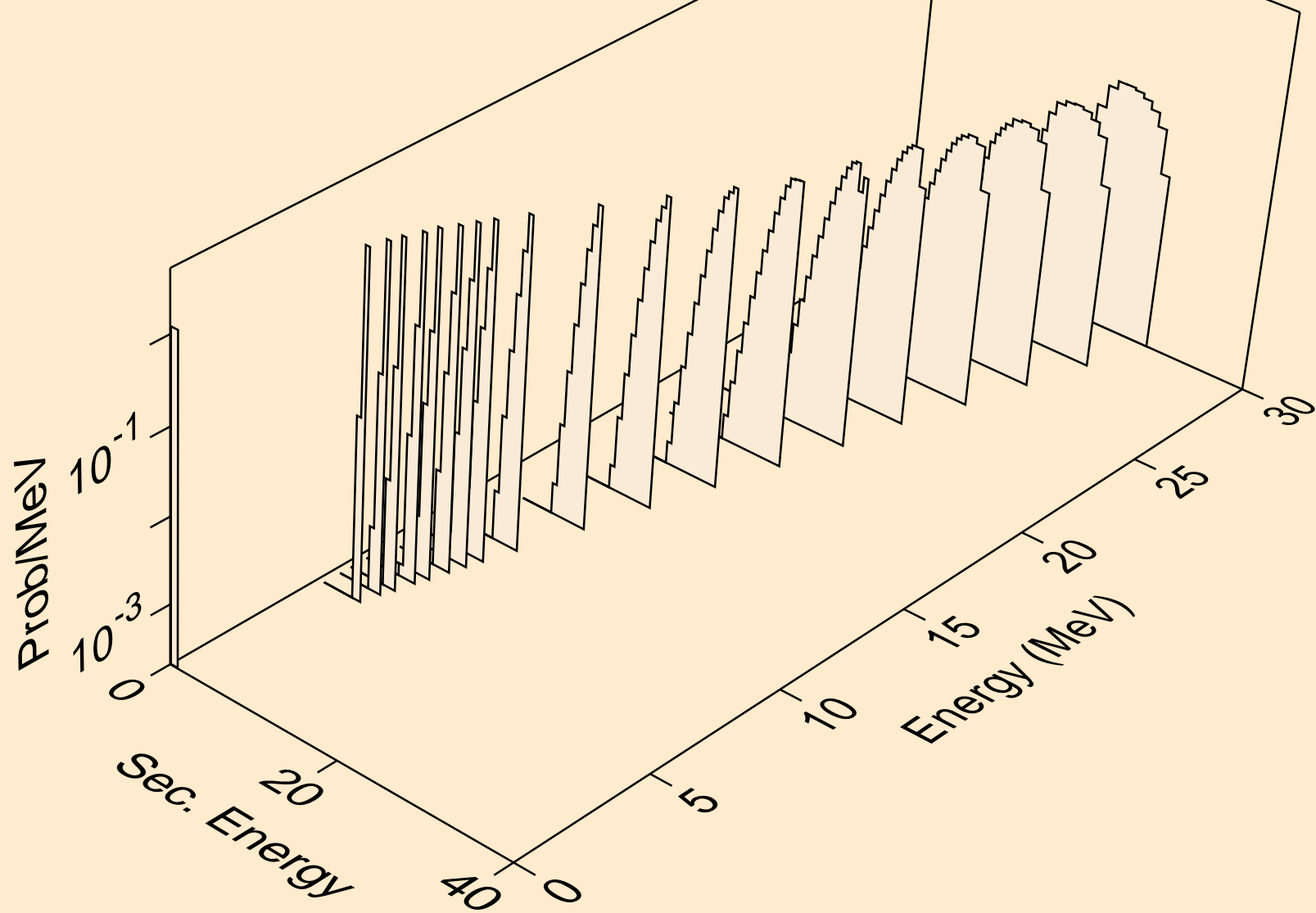
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



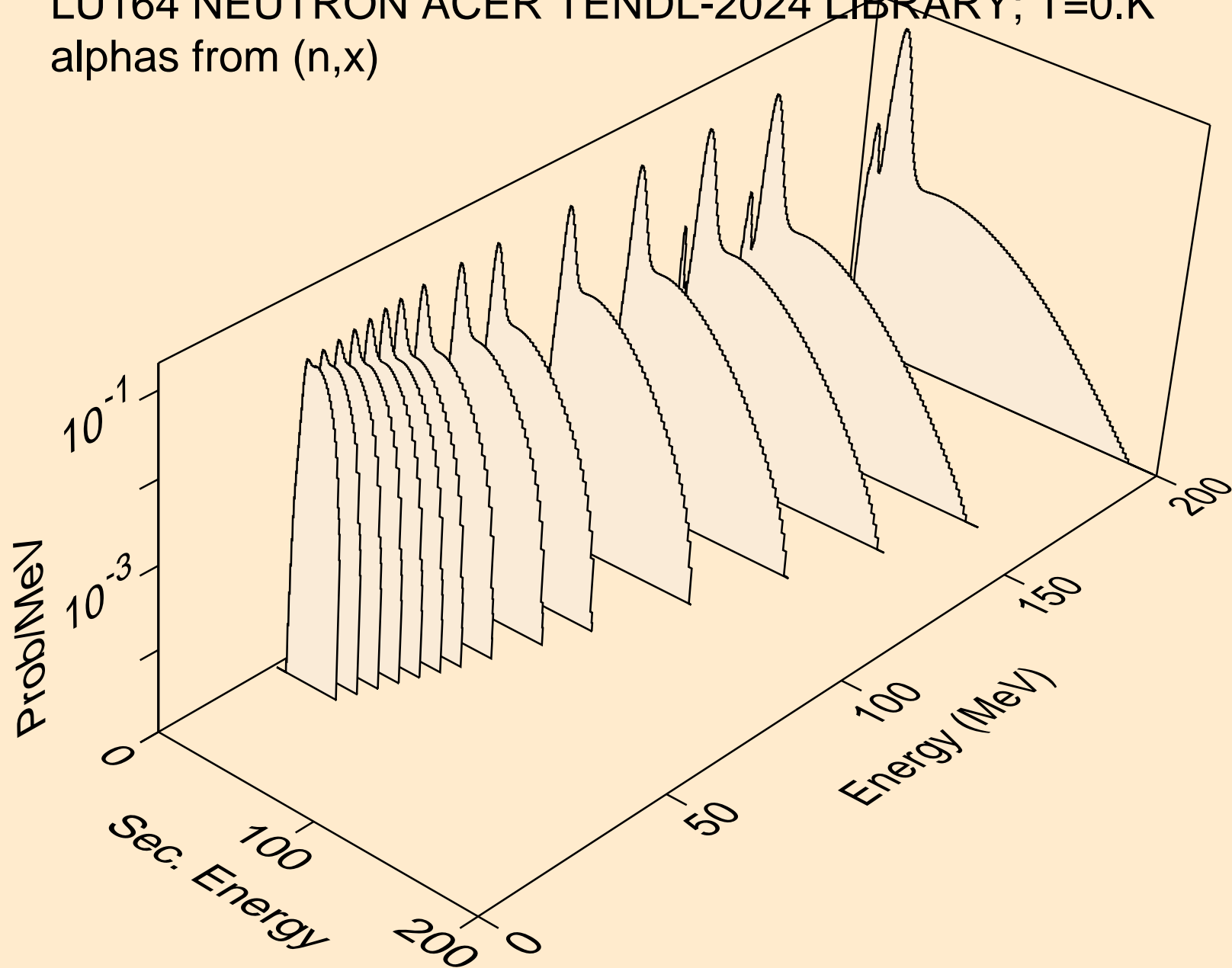
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



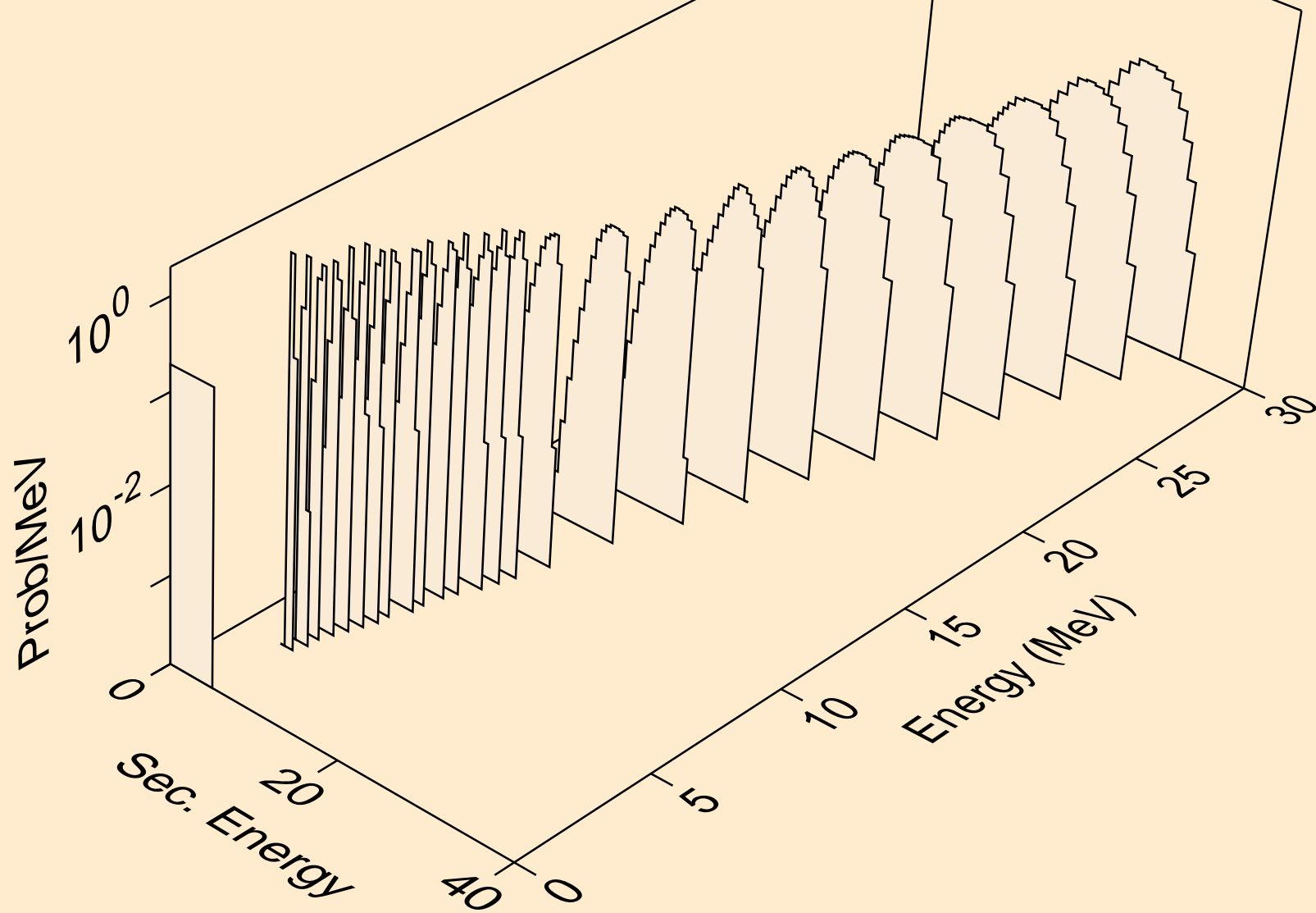
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)



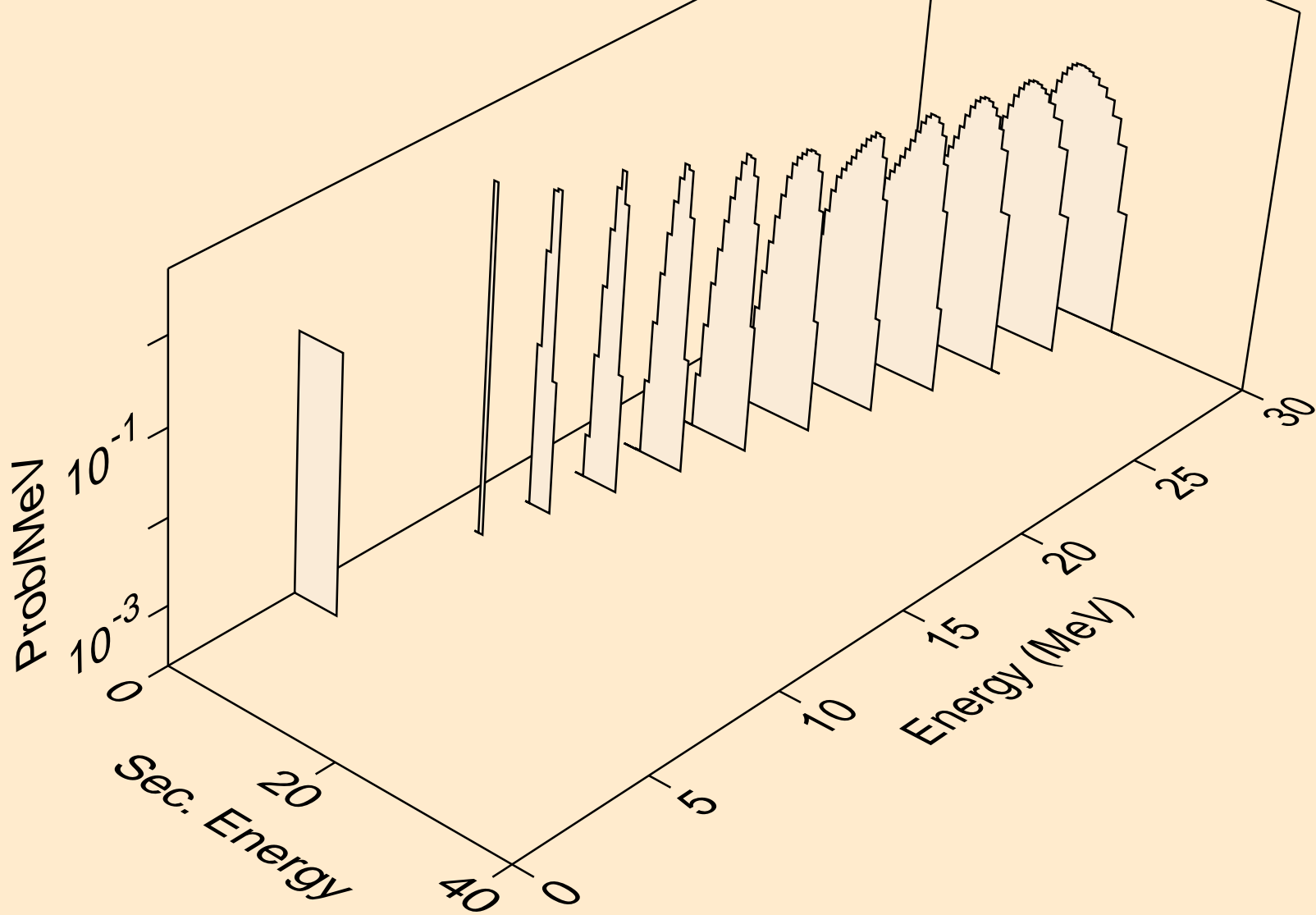
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



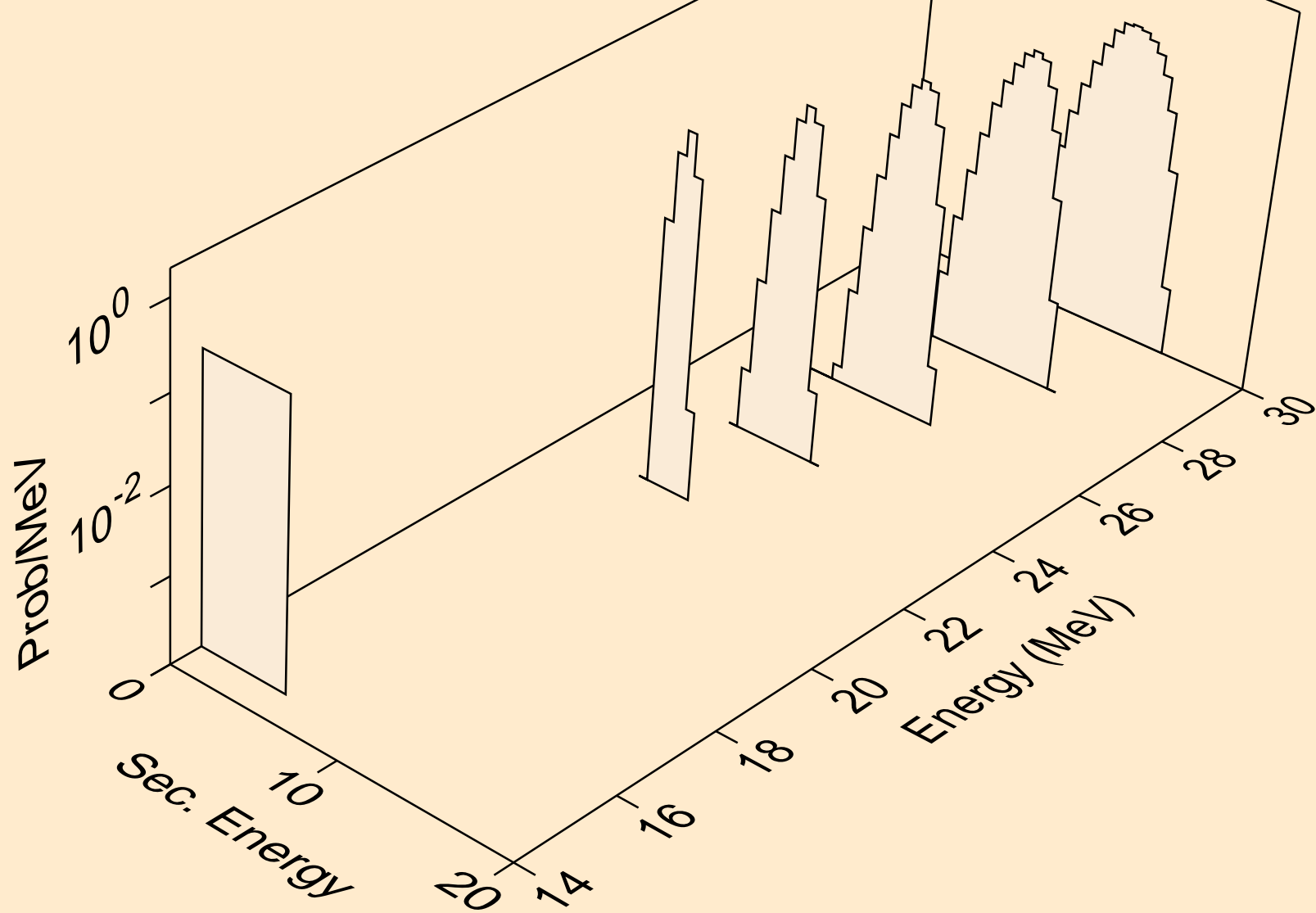
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



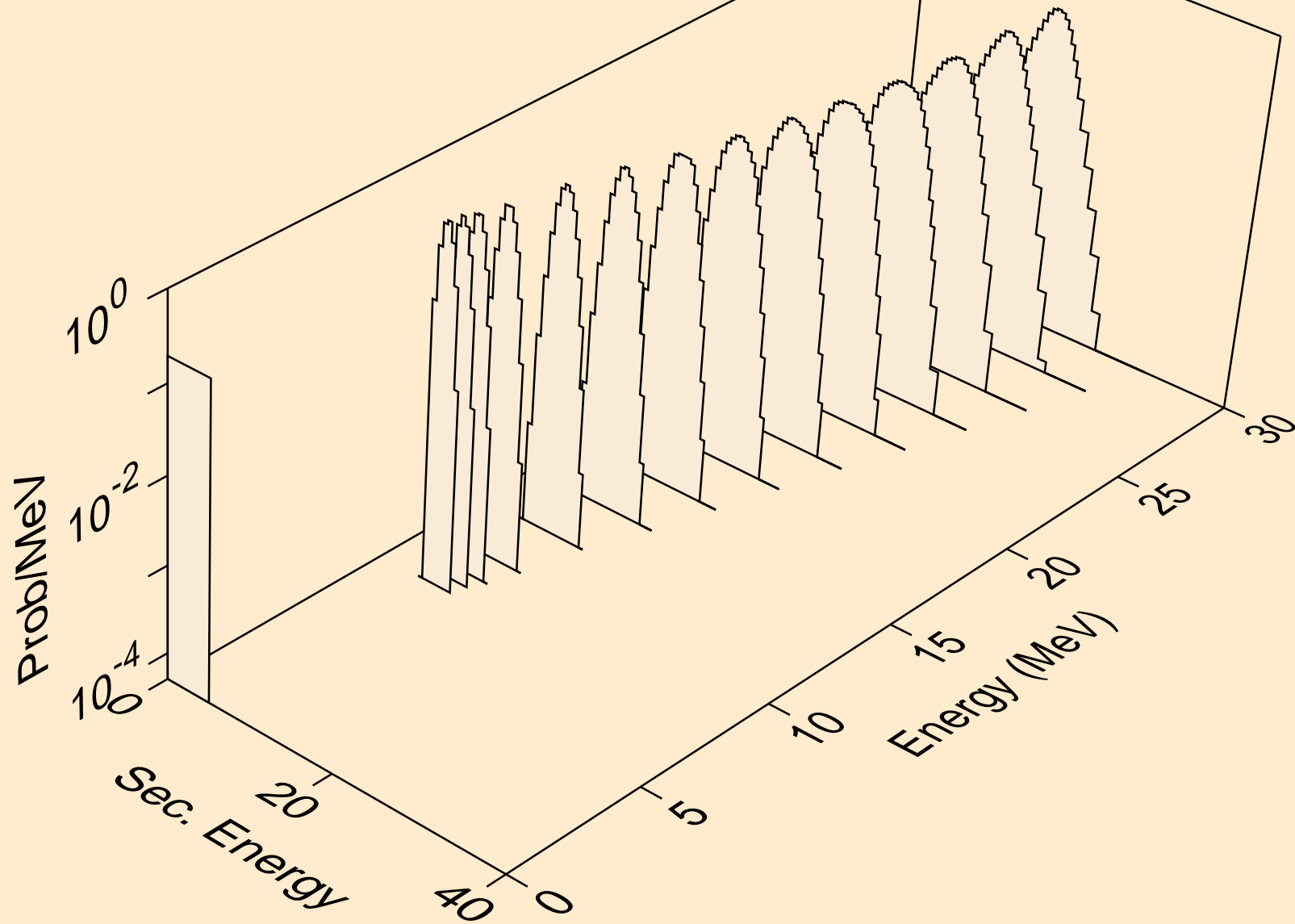
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a

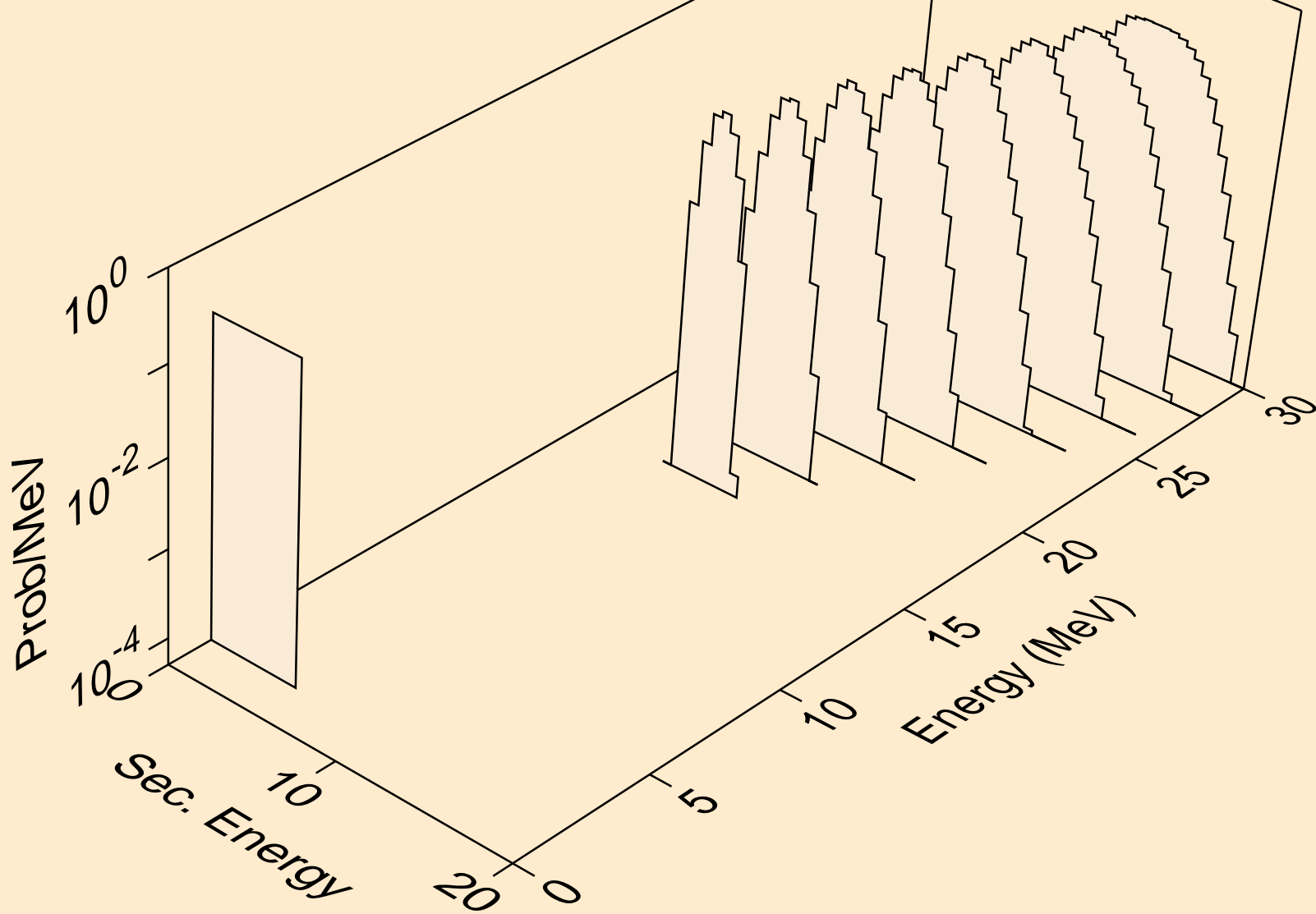


LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)2a

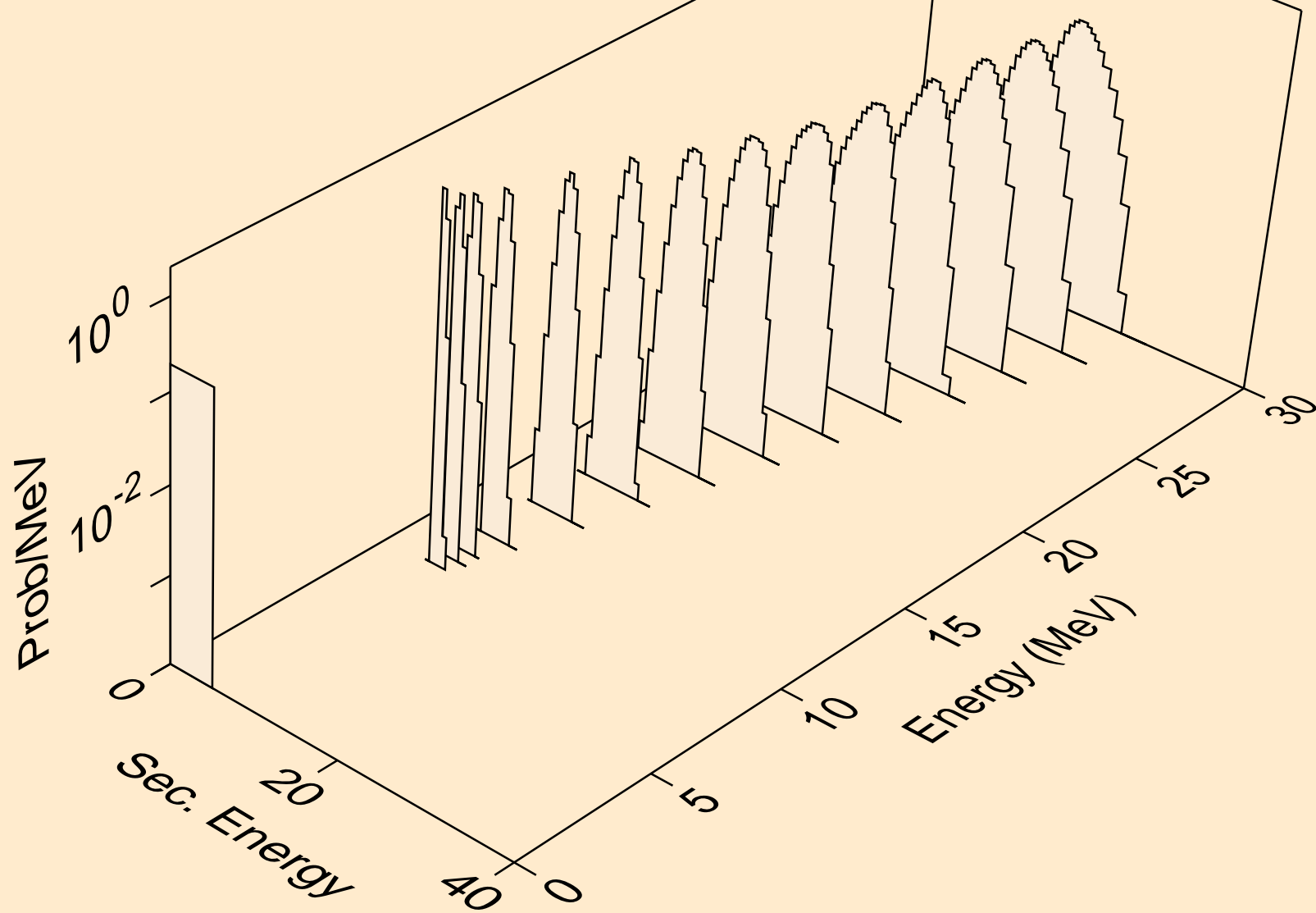




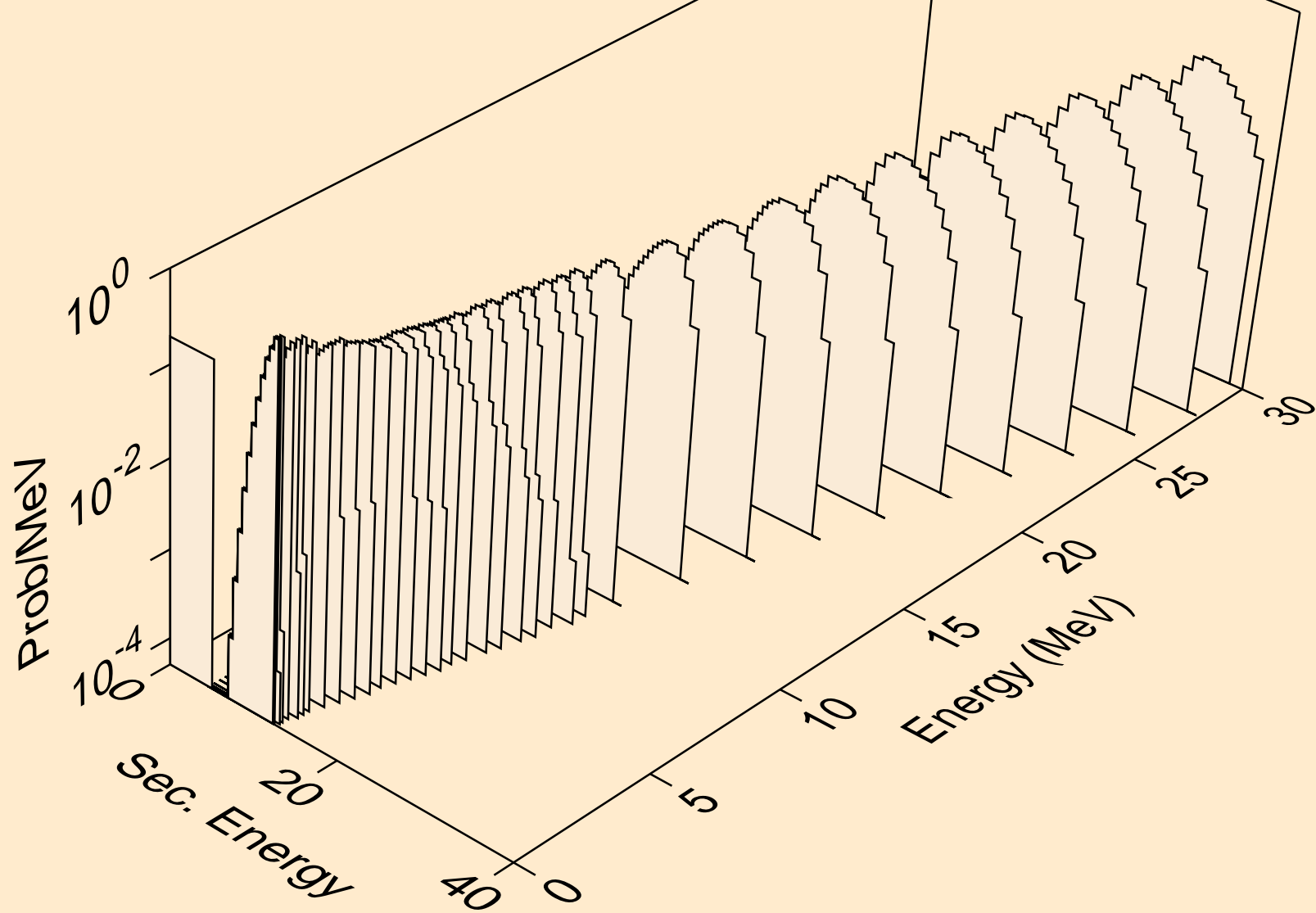
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)2a



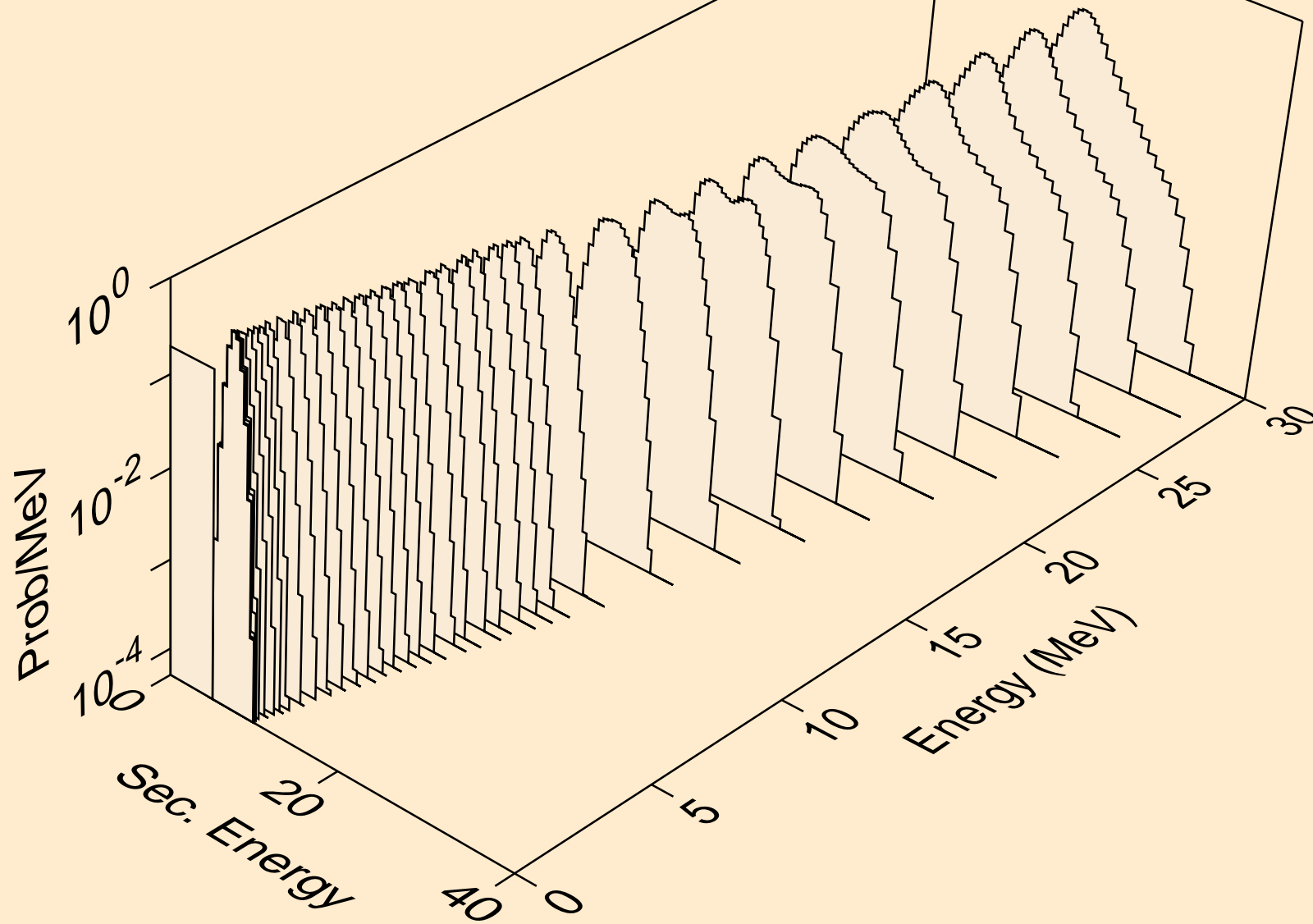
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)



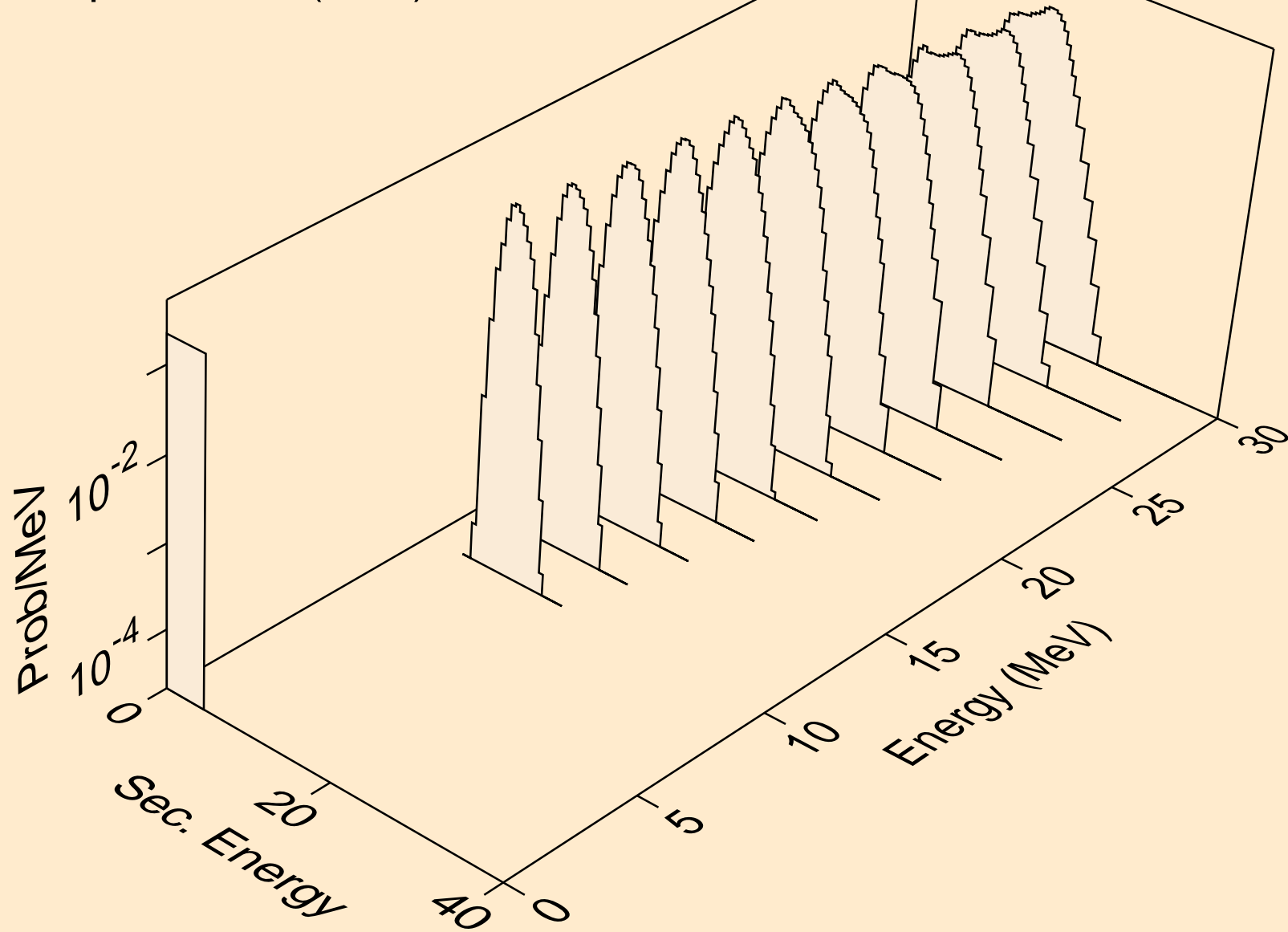
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



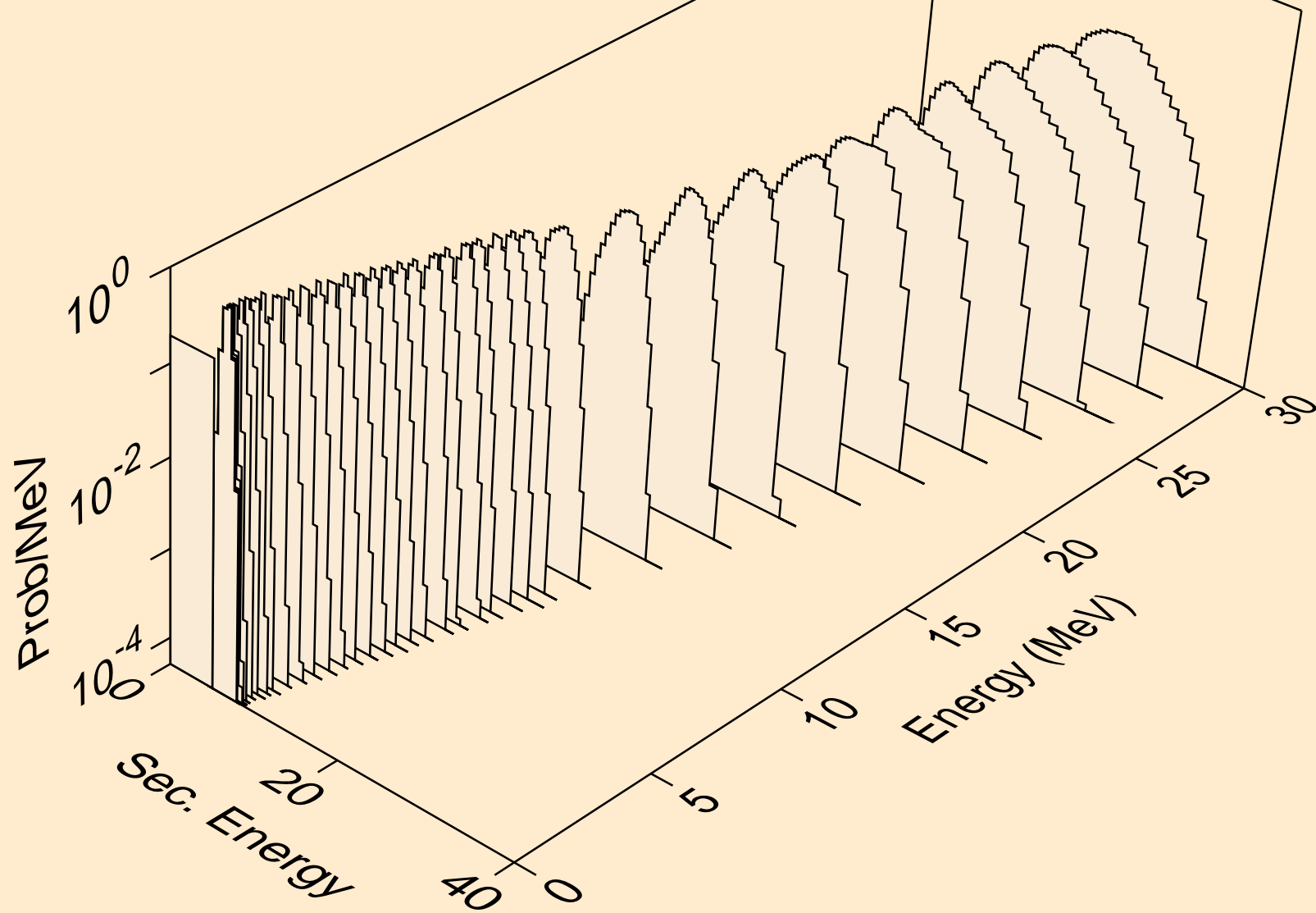
LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3a)



LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



LU164 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

