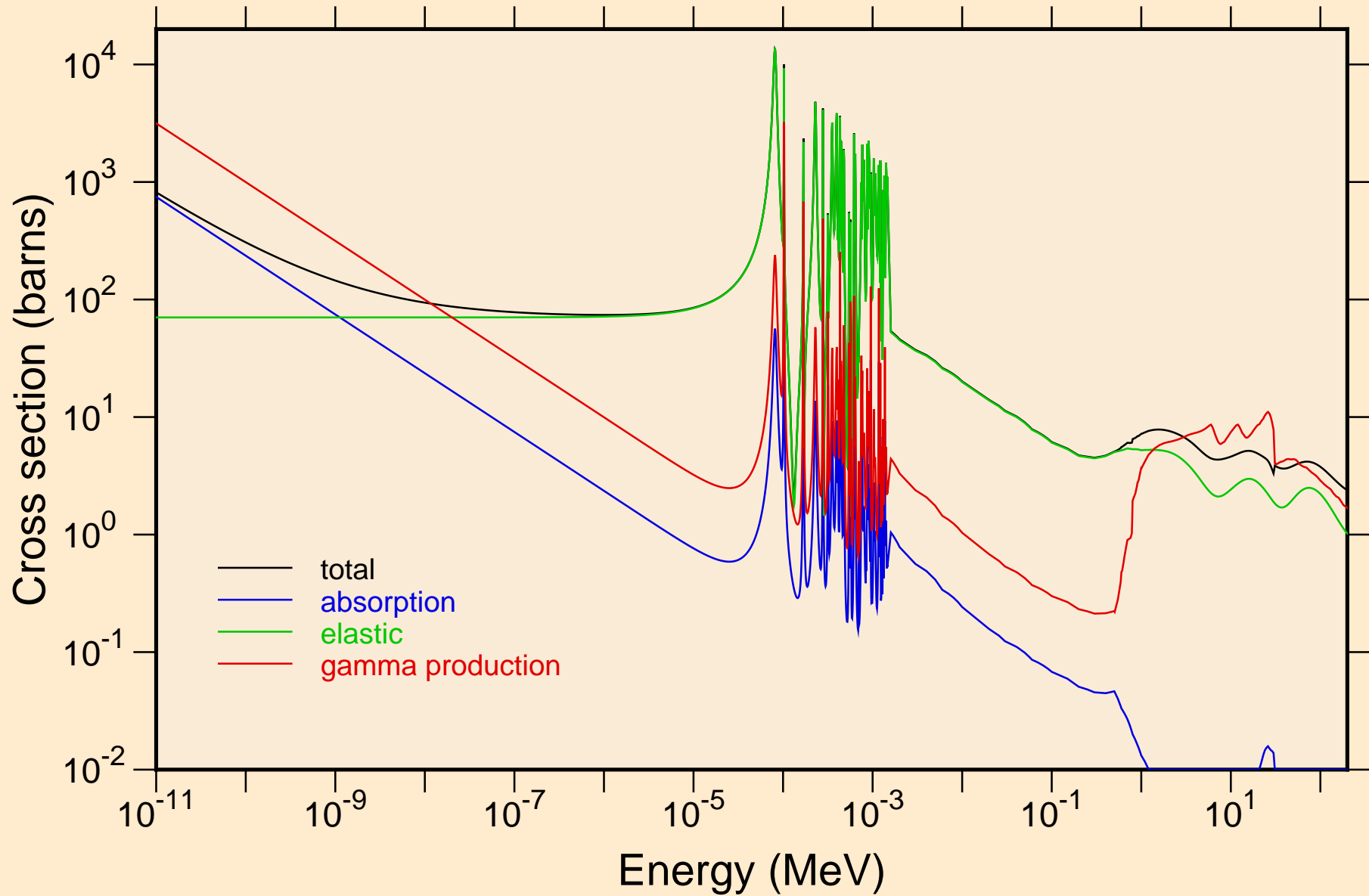
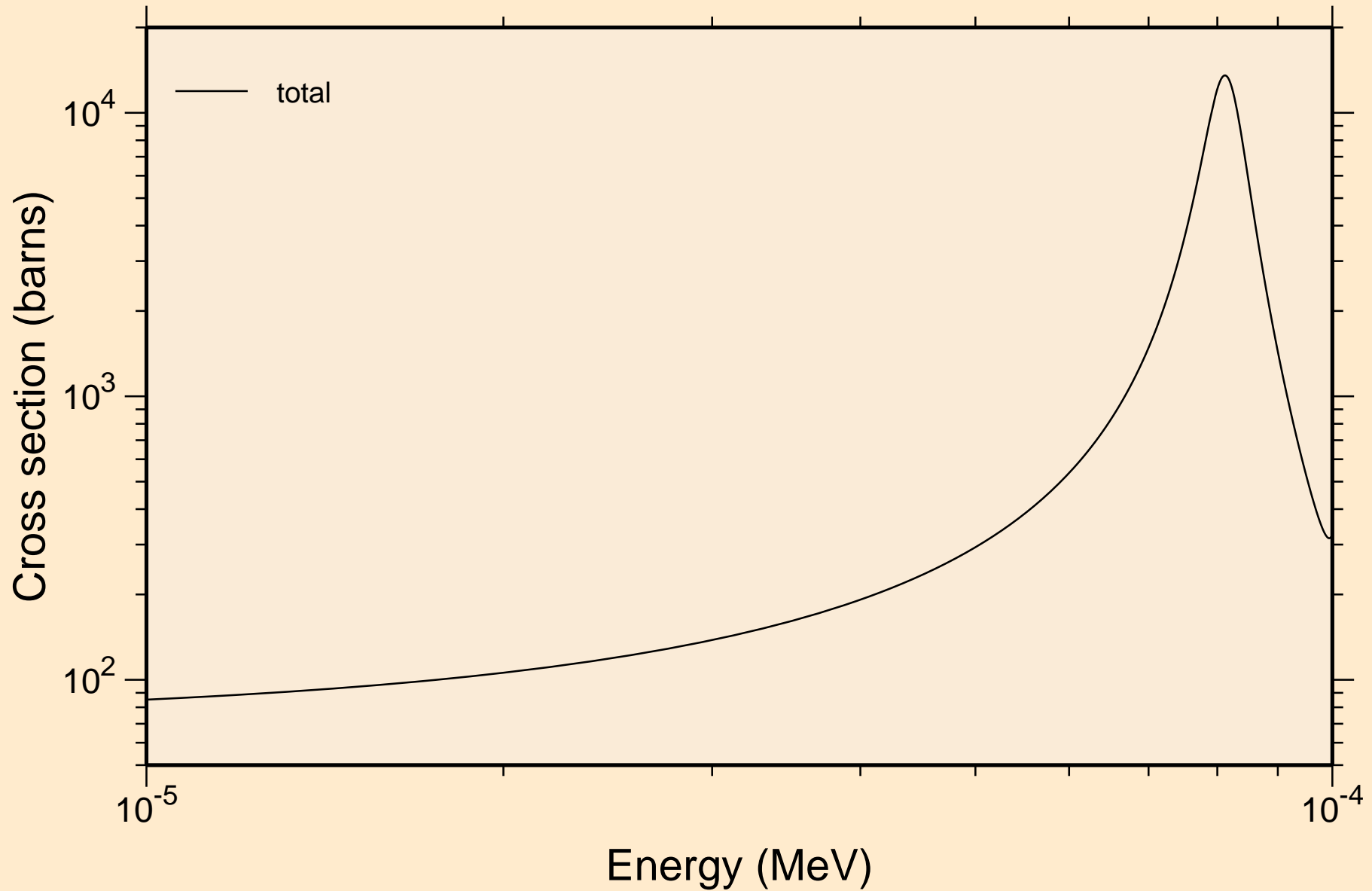


# PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

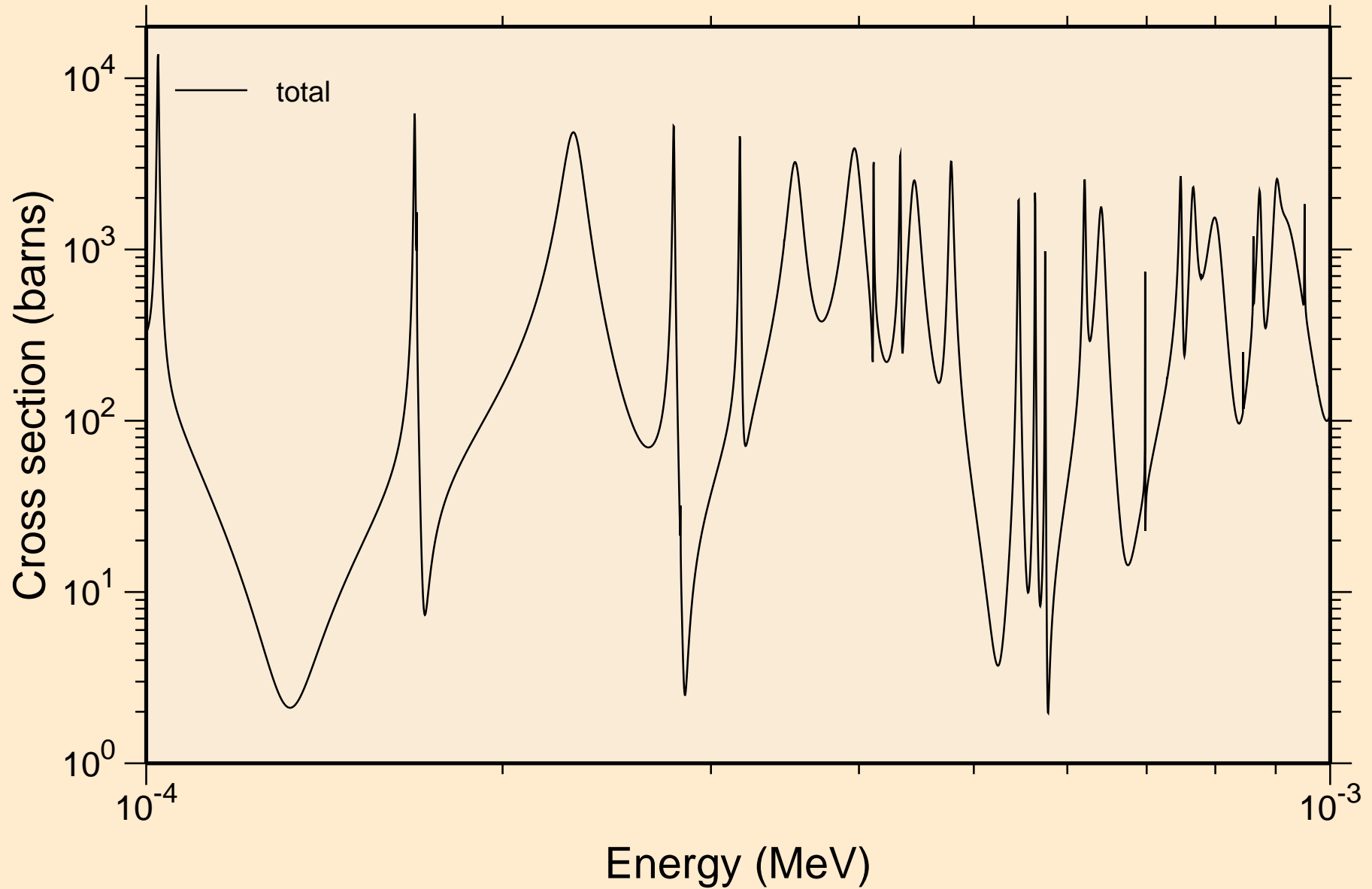
## Principal cross sections



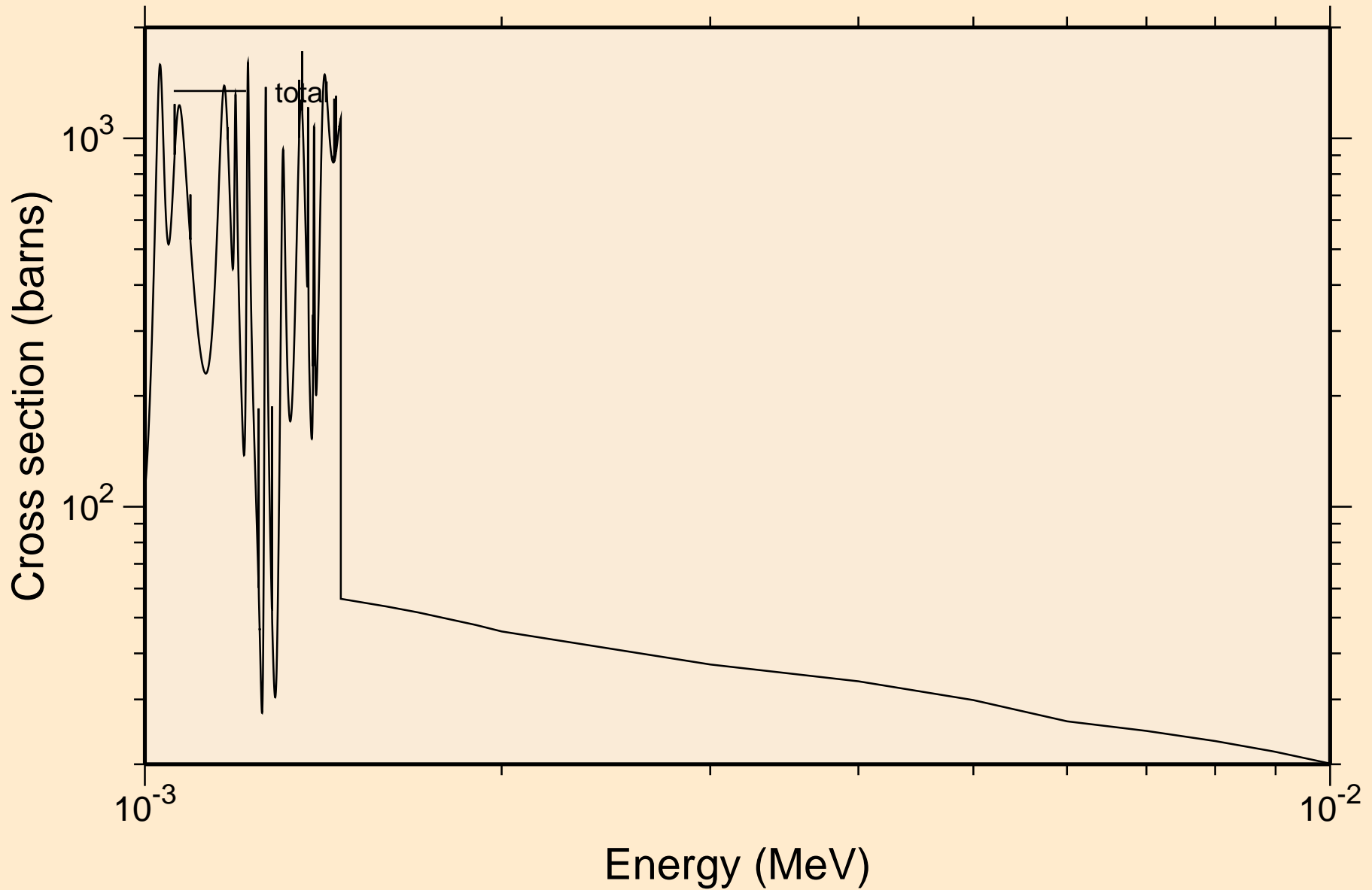
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



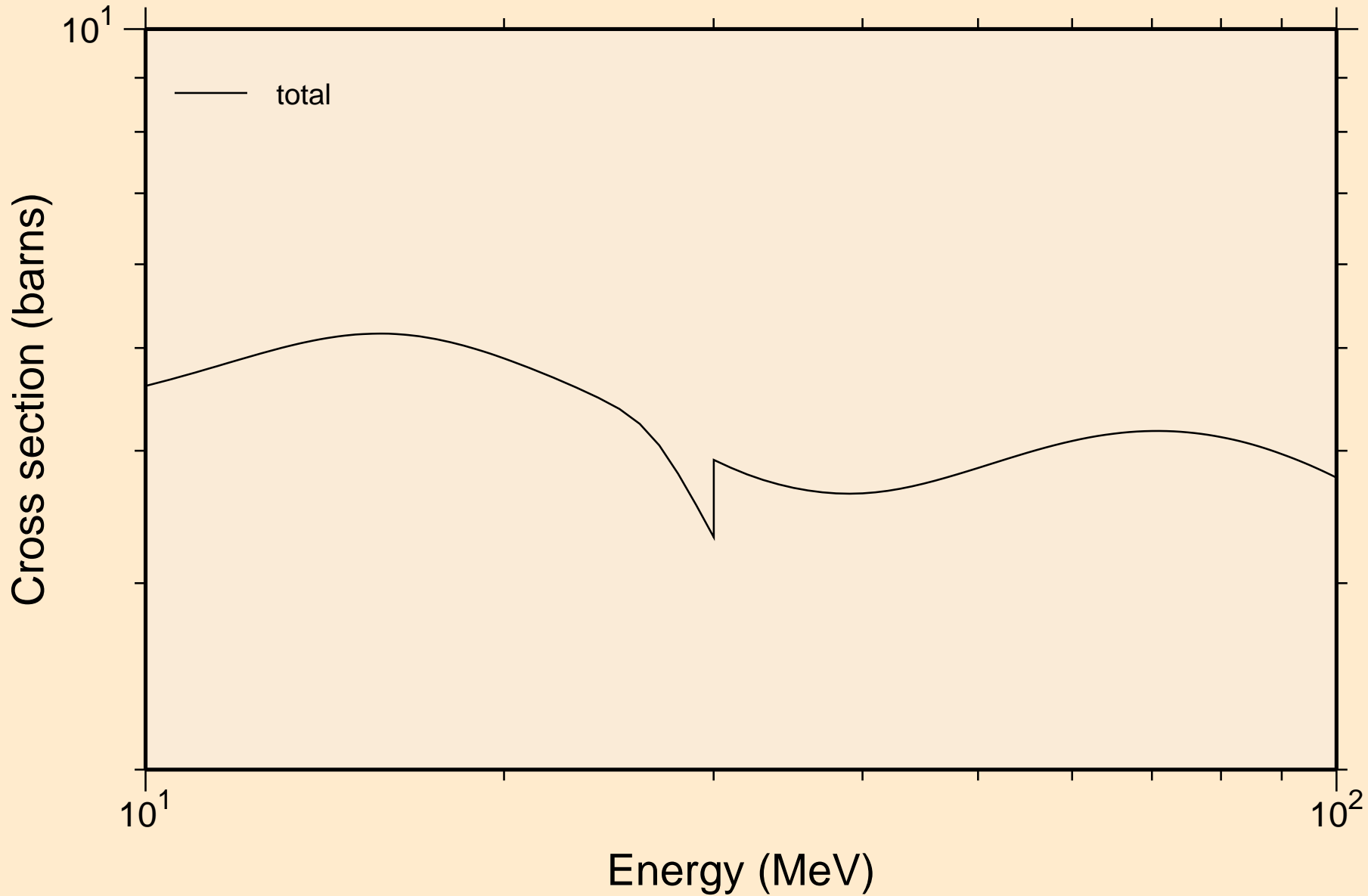
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



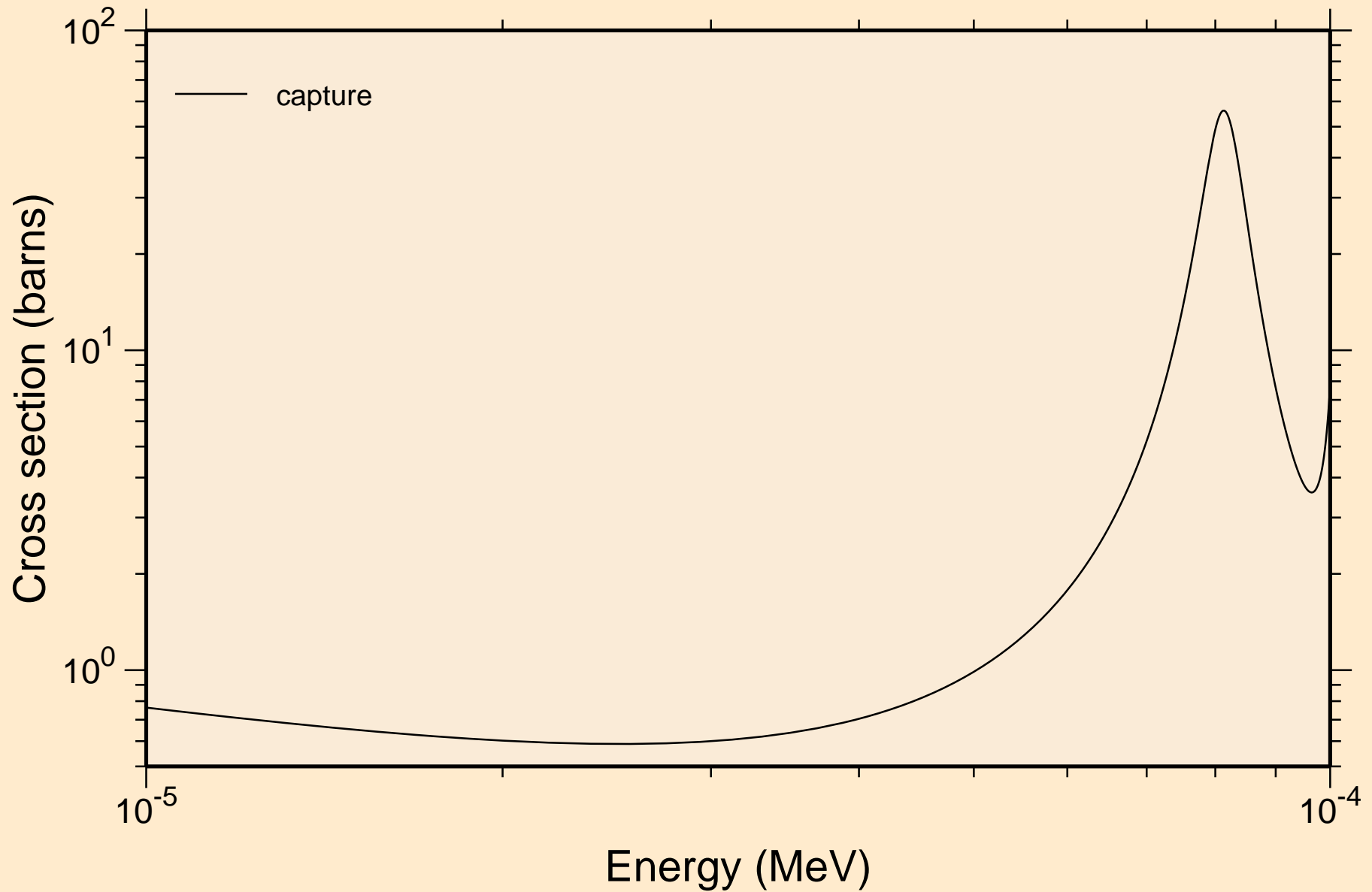
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



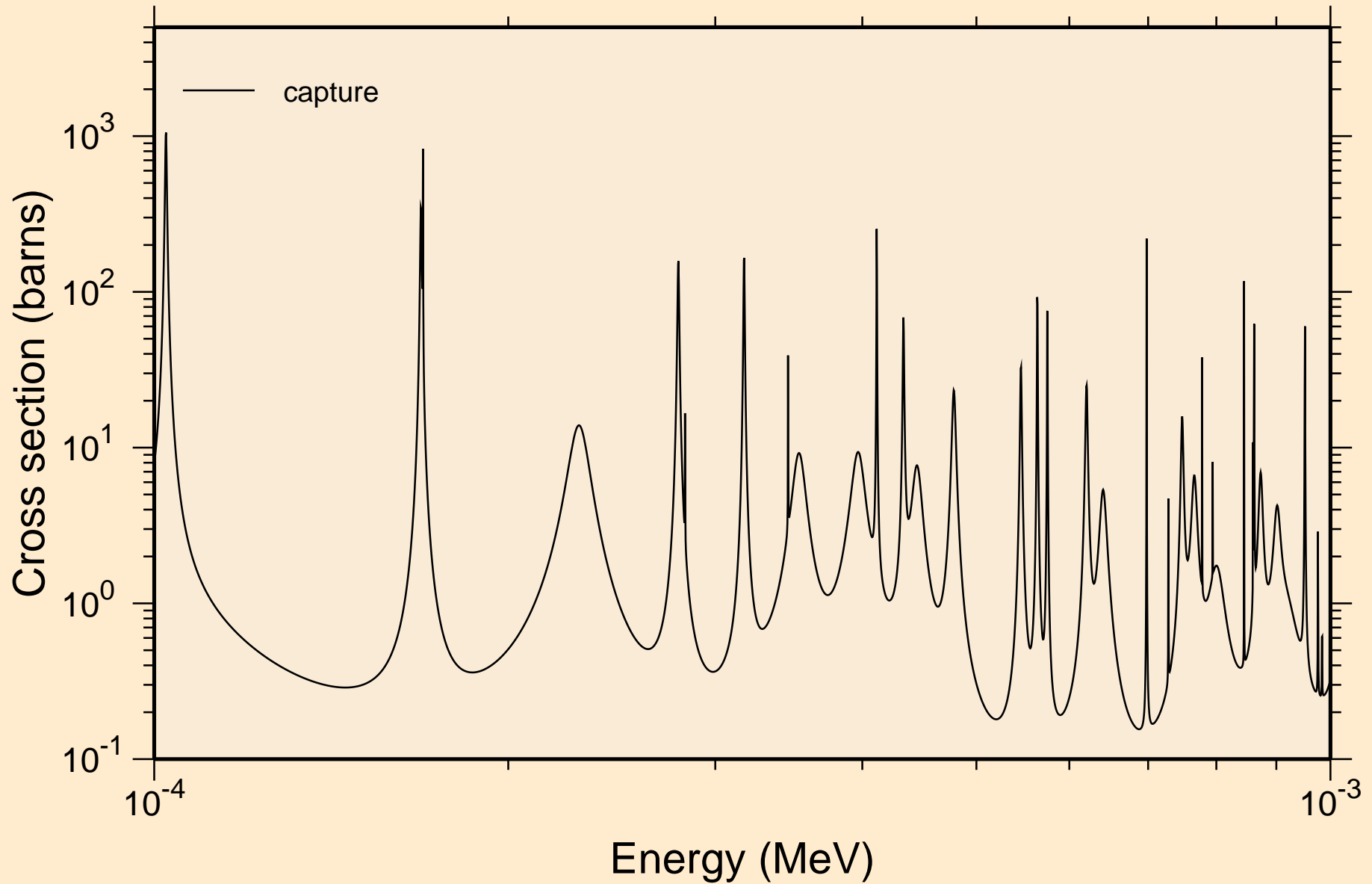
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



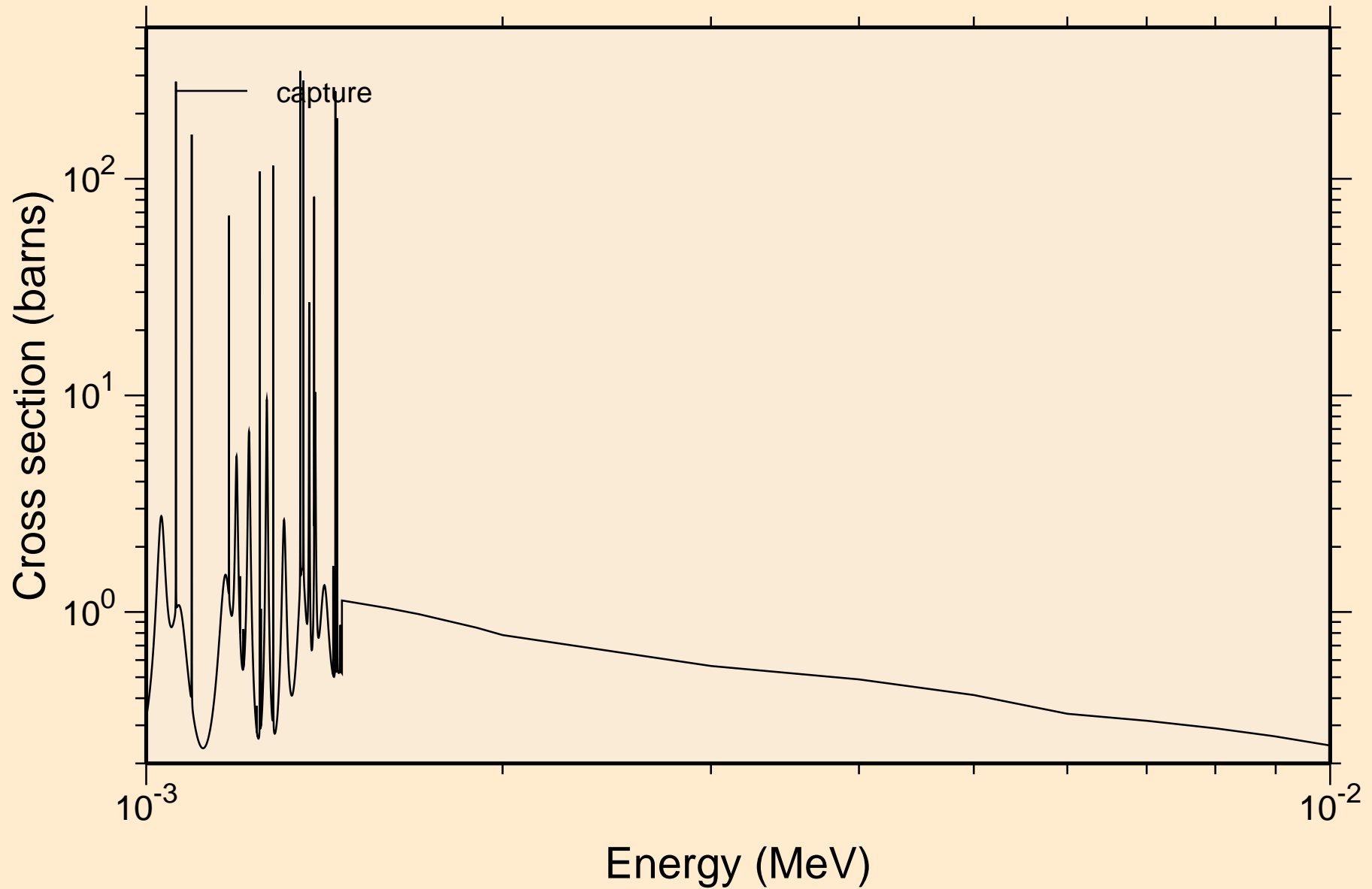
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

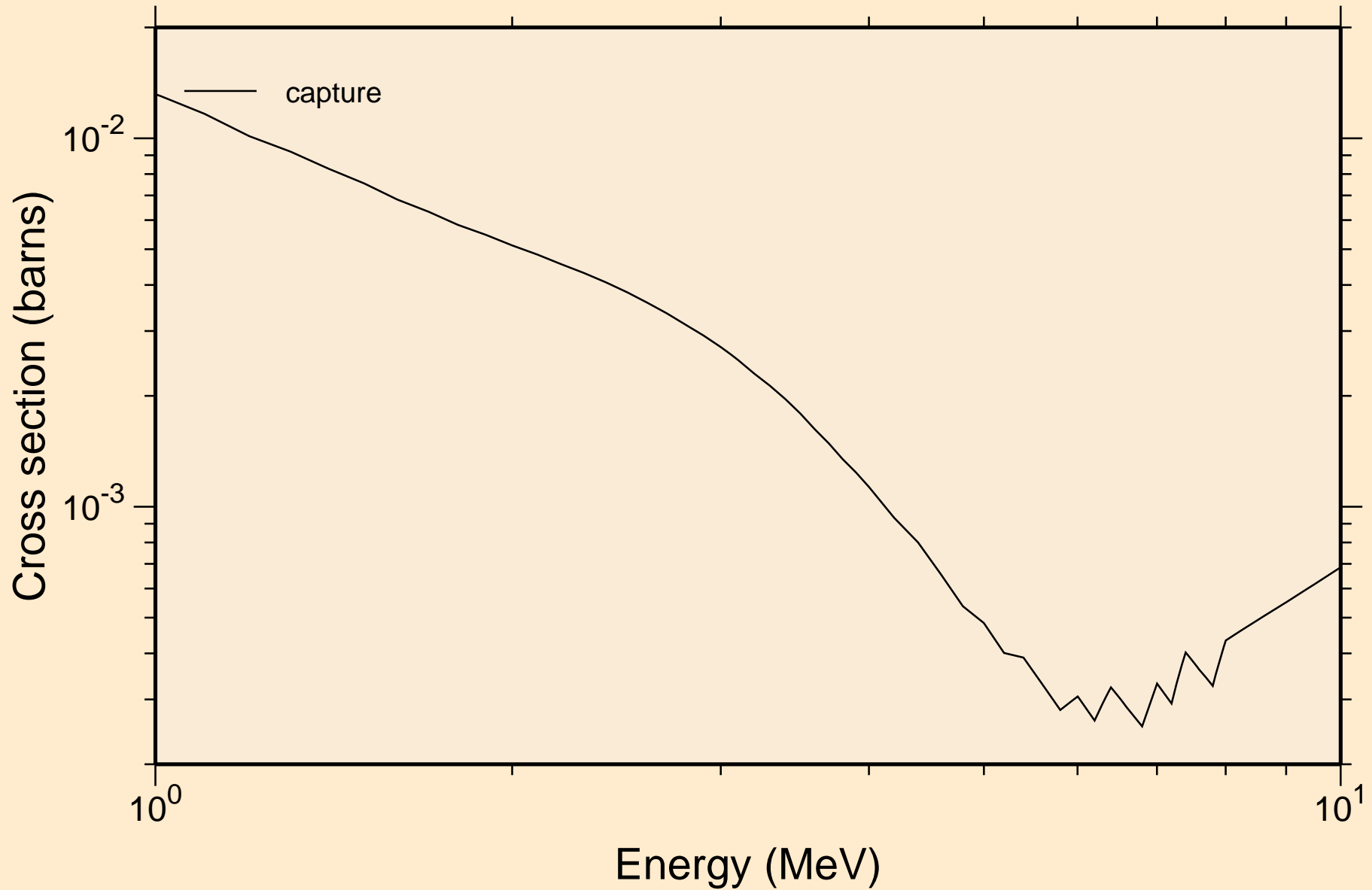


PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

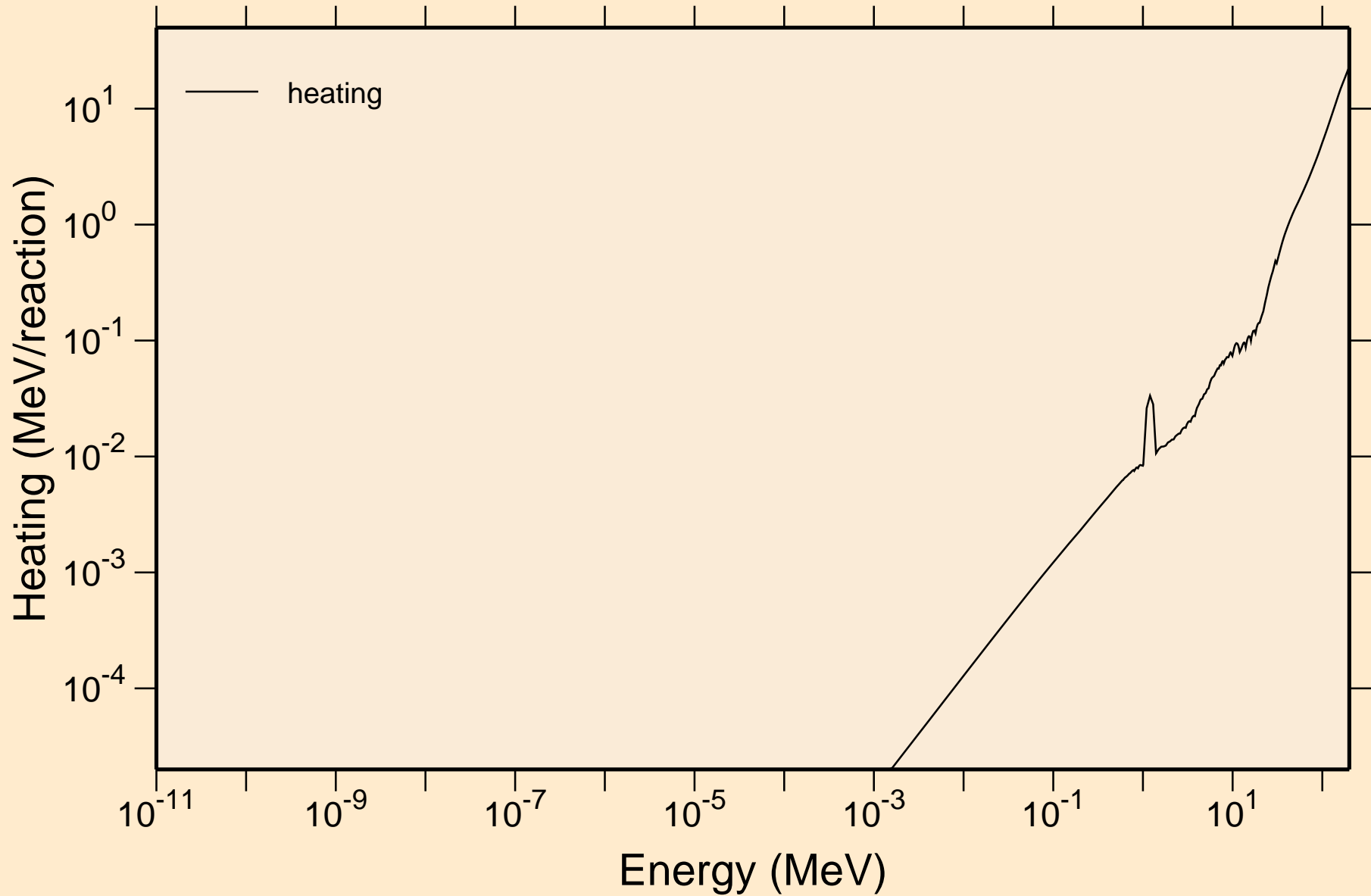




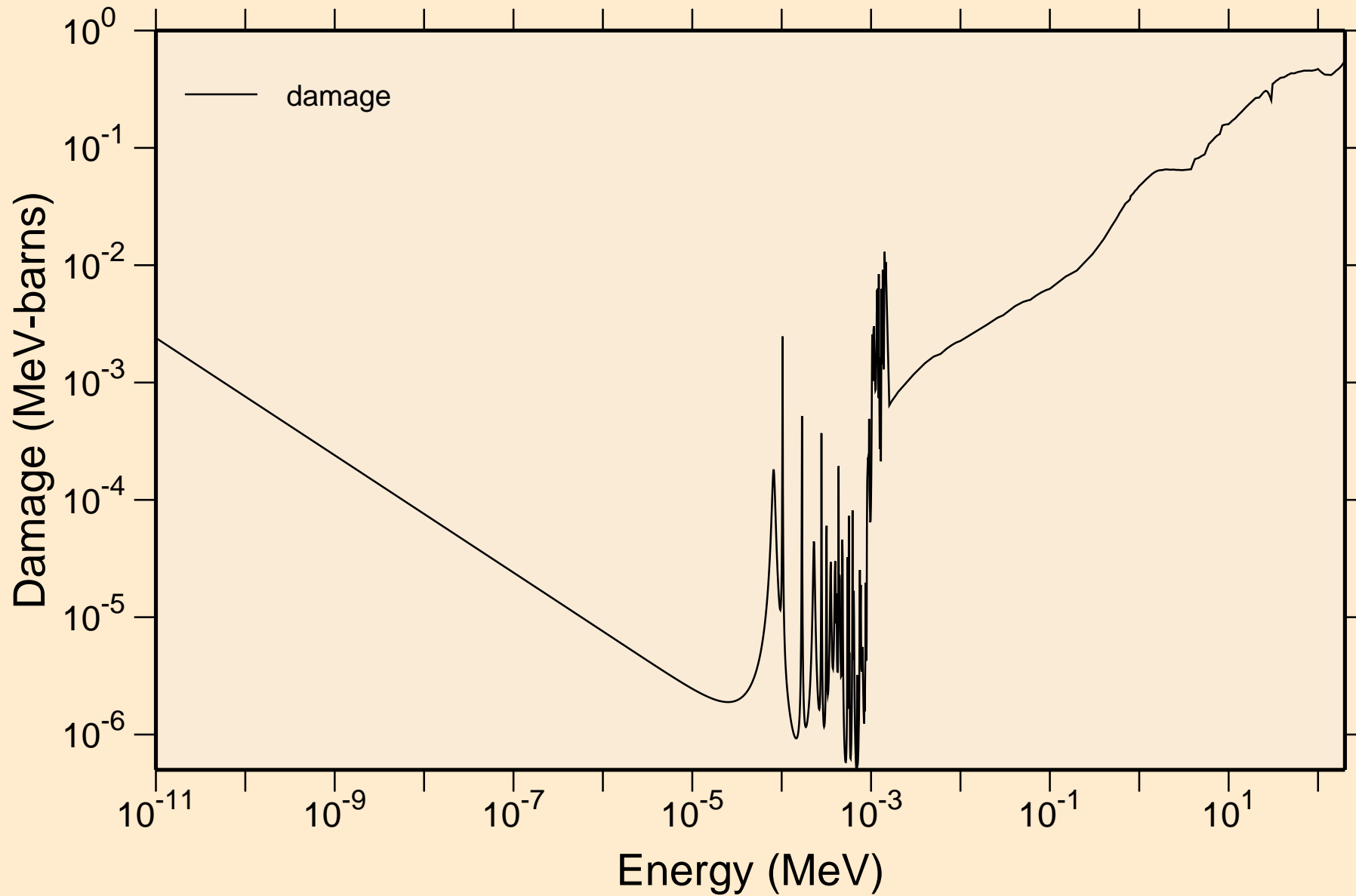
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



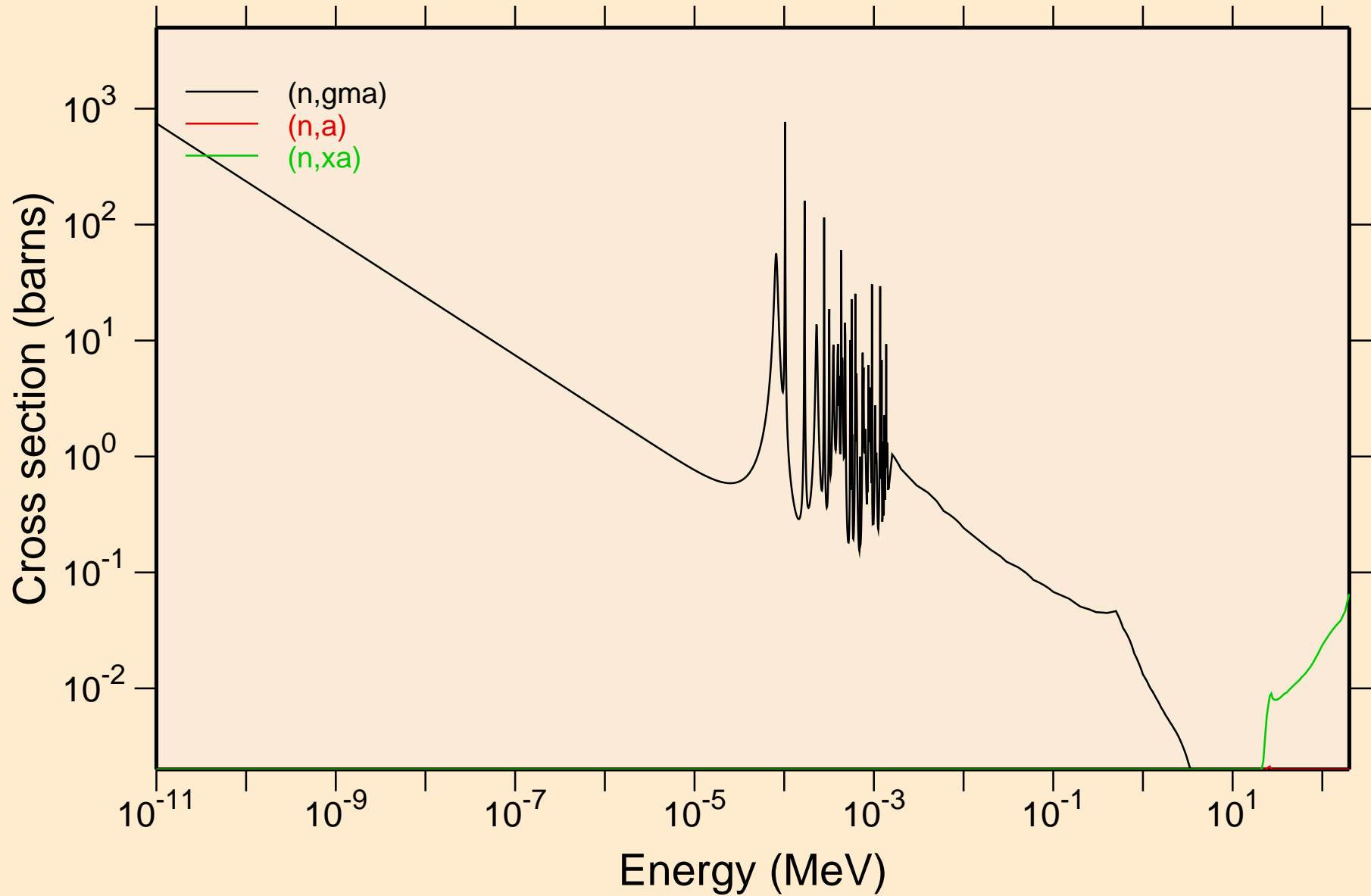
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Heating



PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage

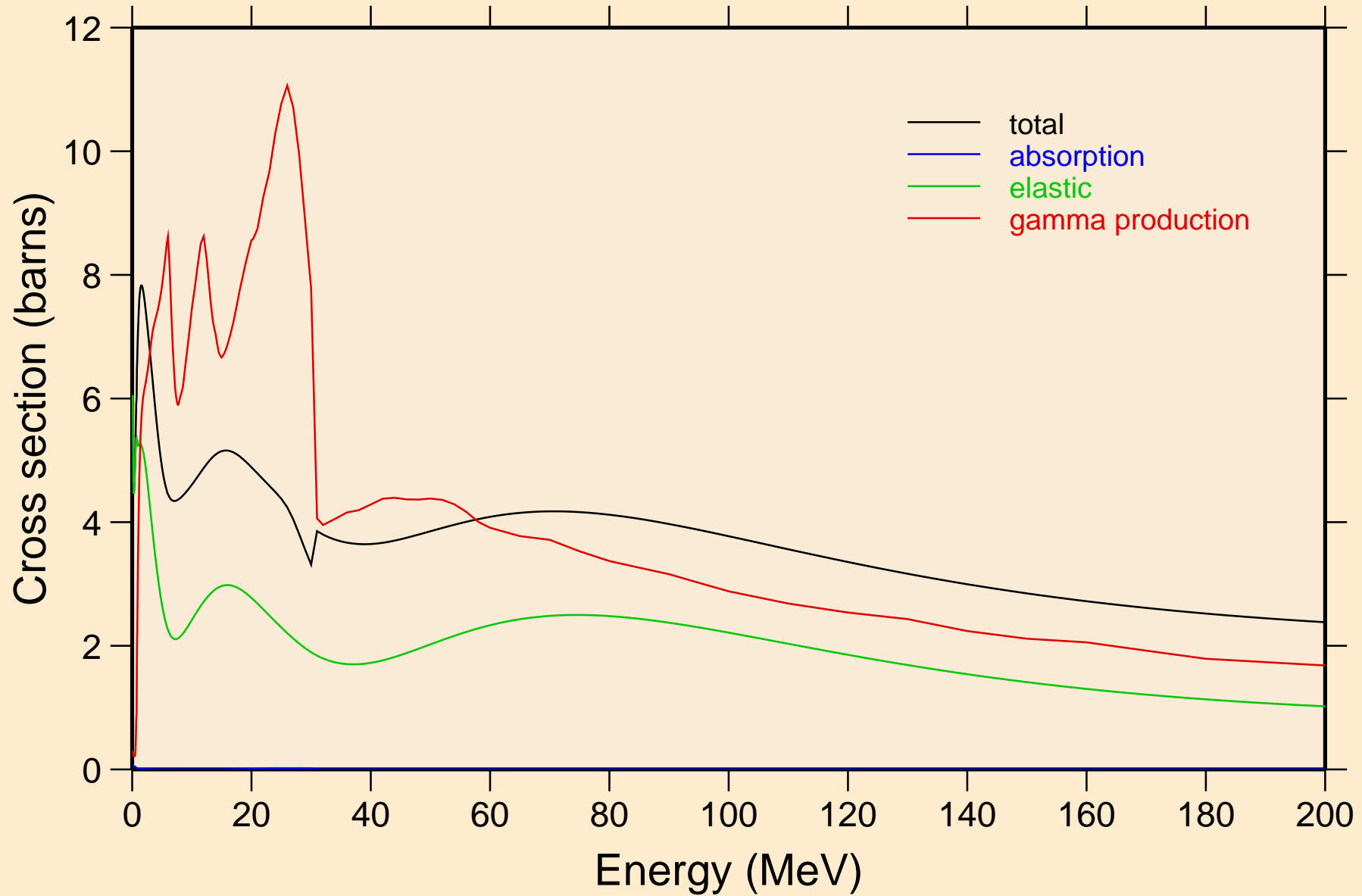


PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



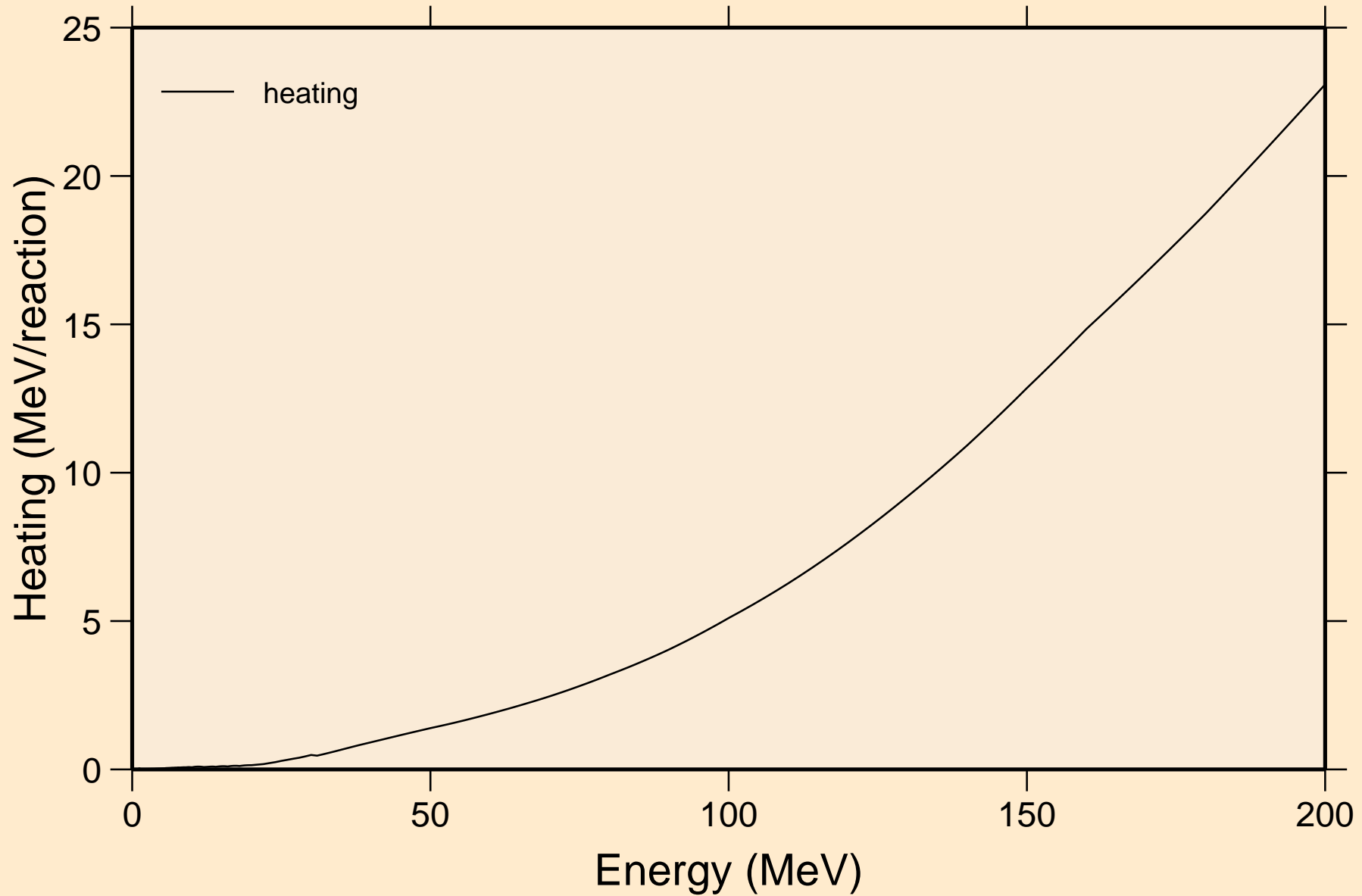
# PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections

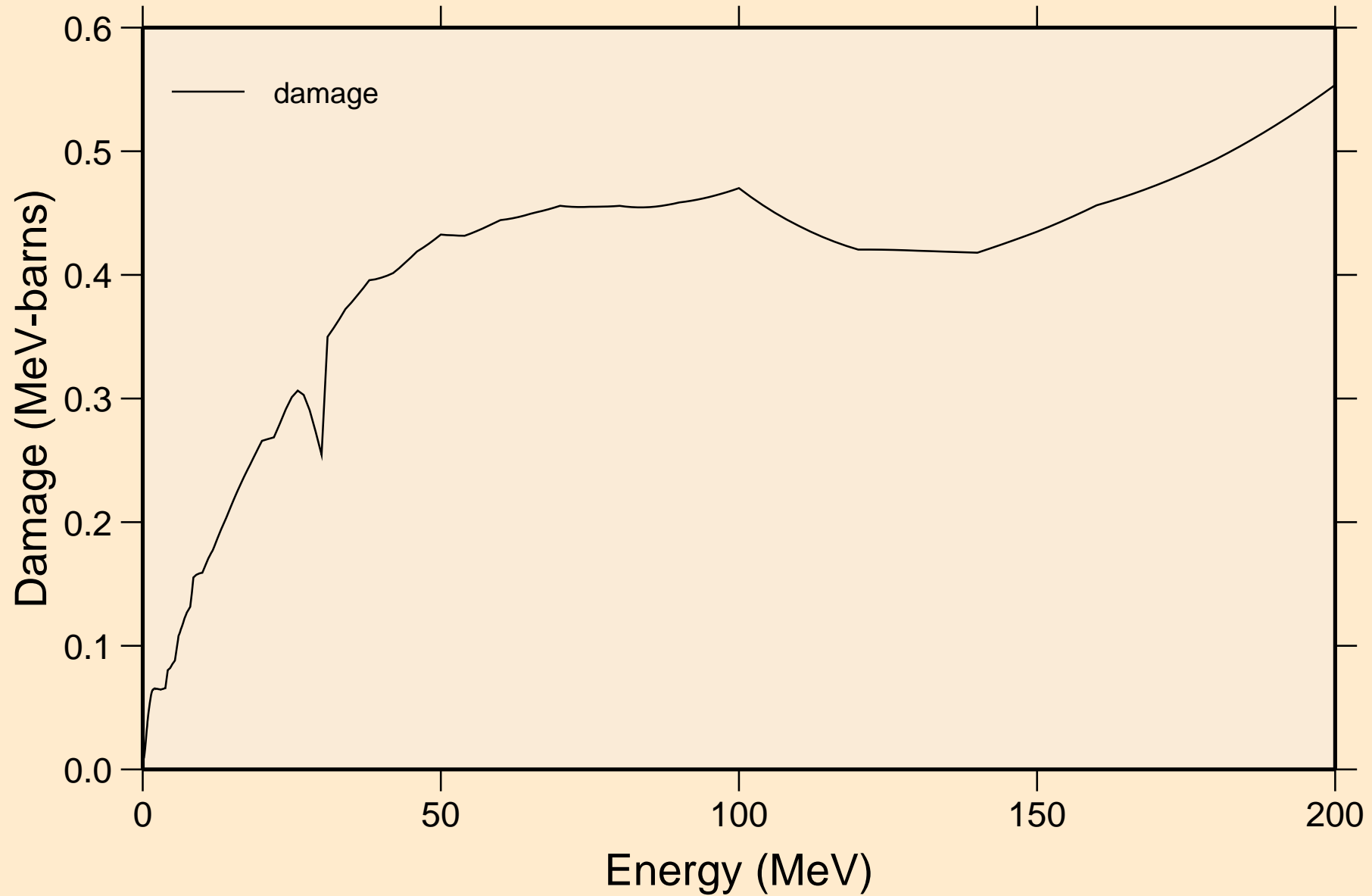


# PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating

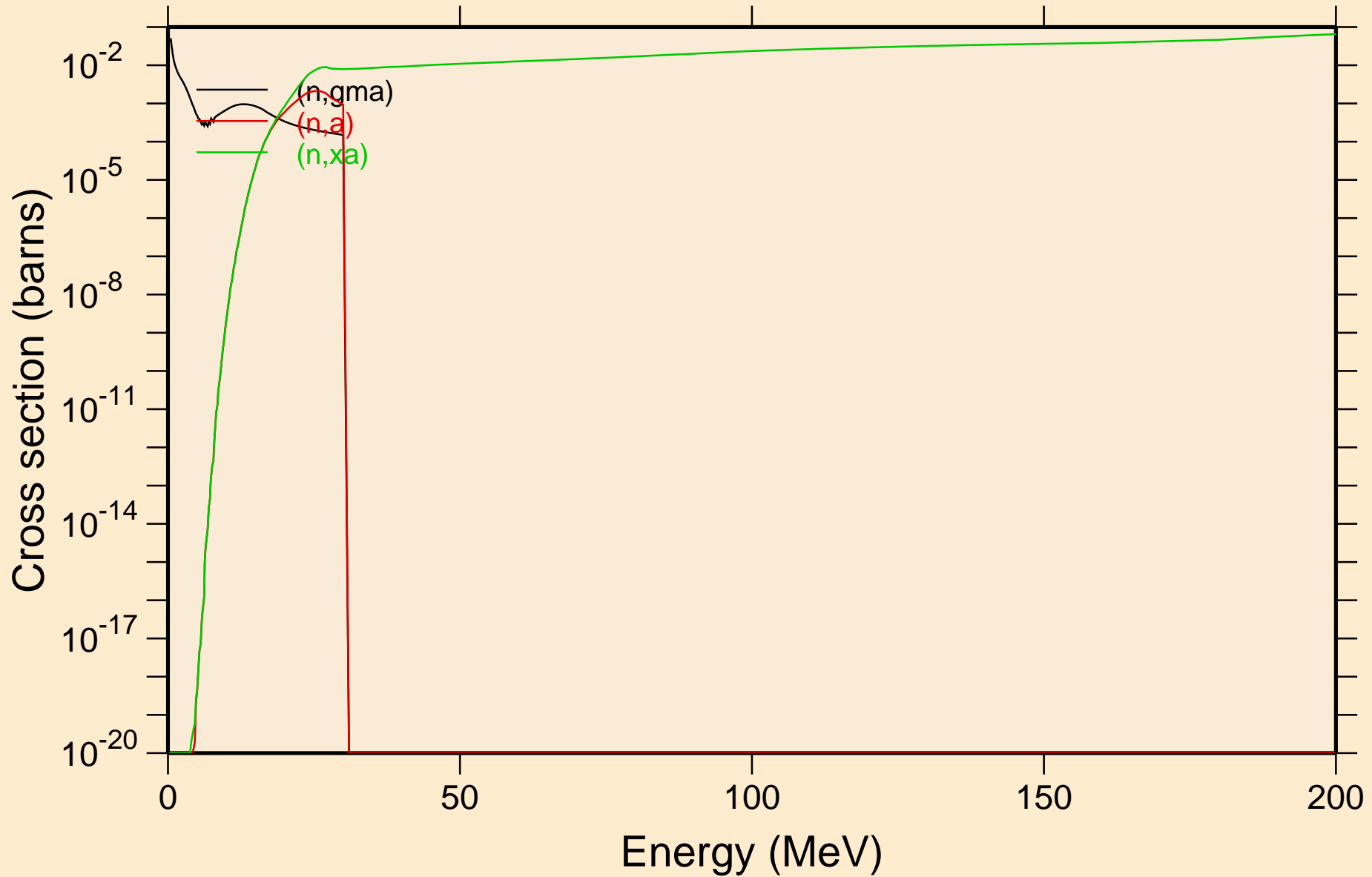


PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



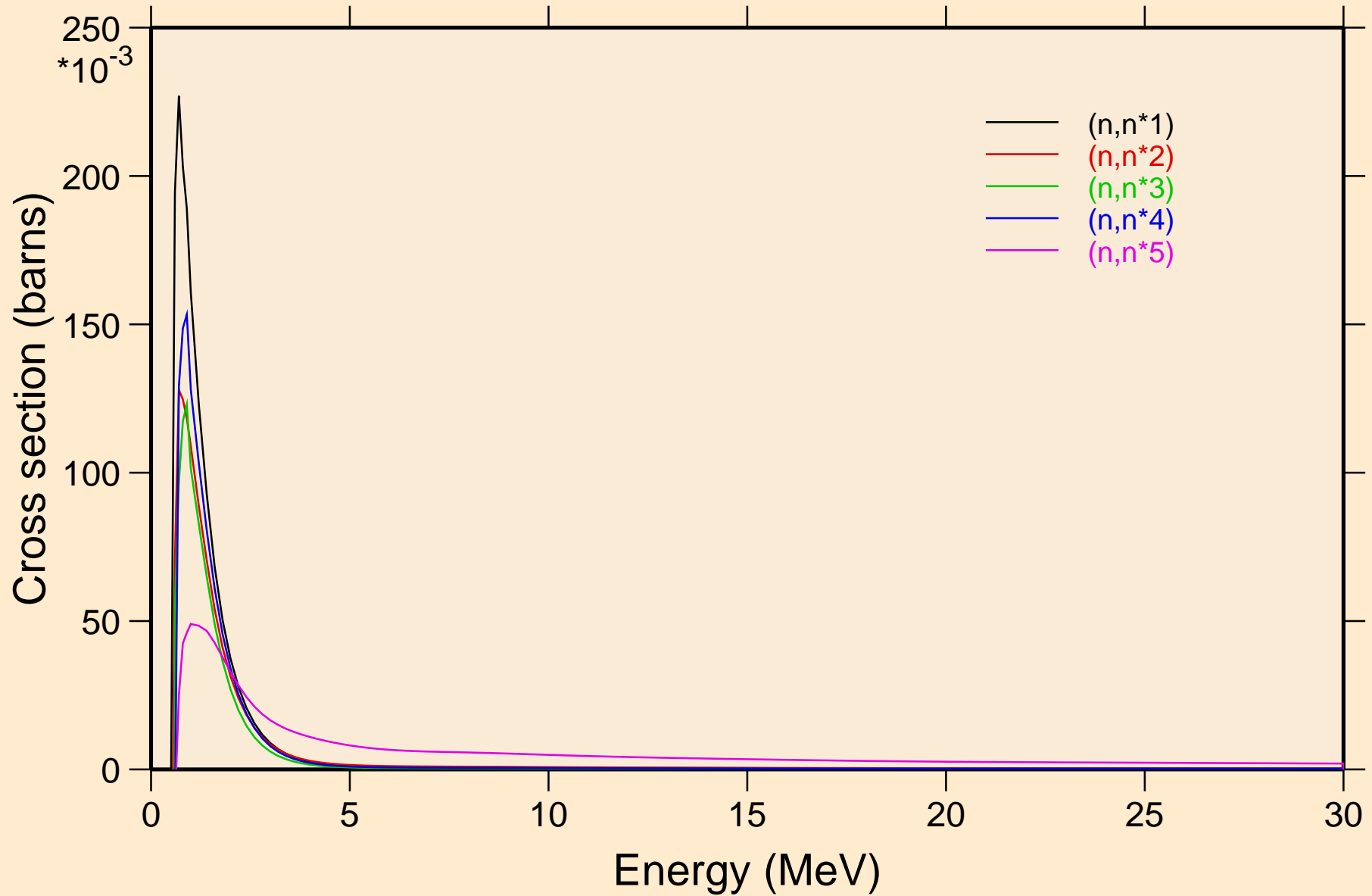
# PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

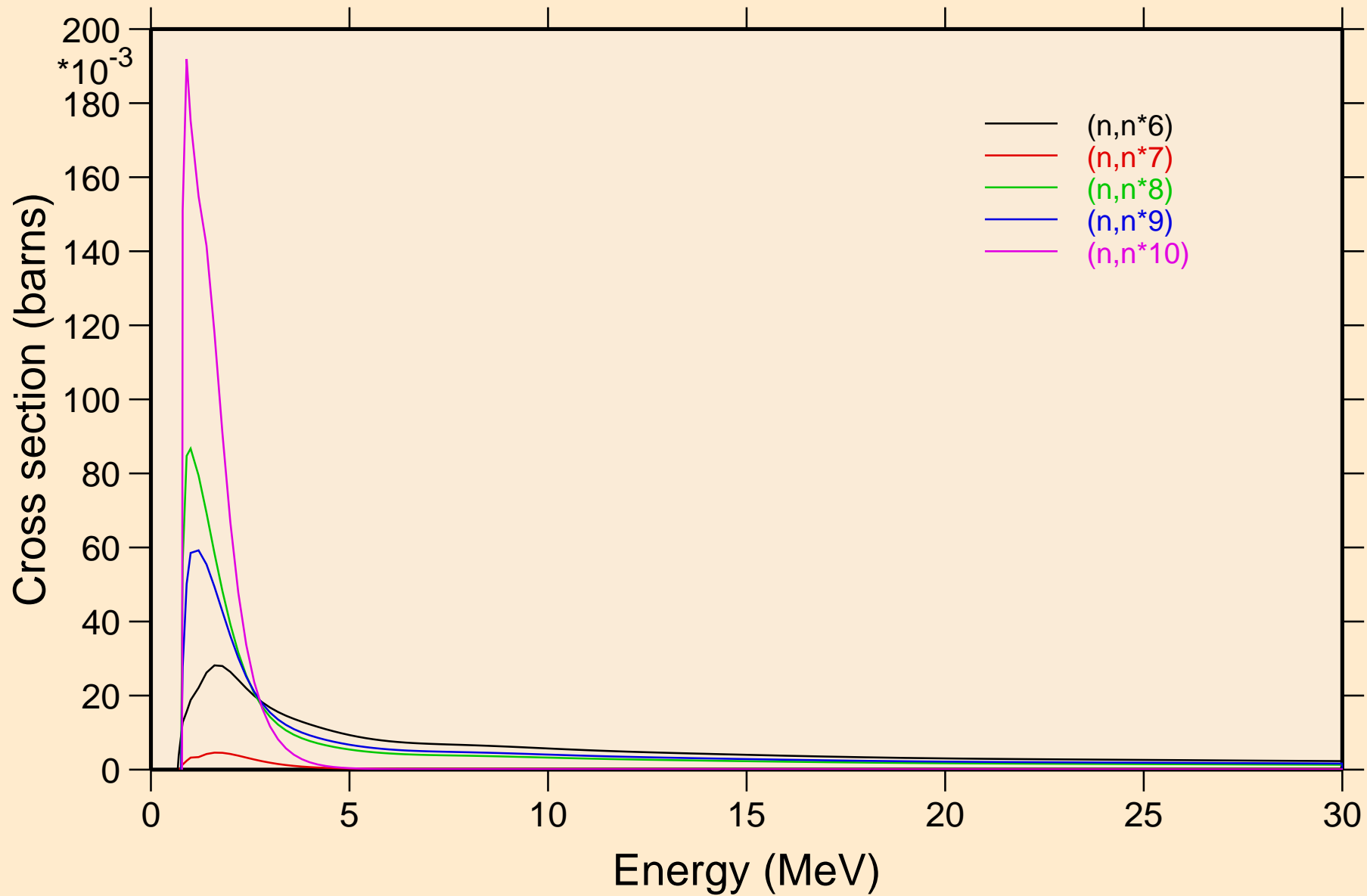




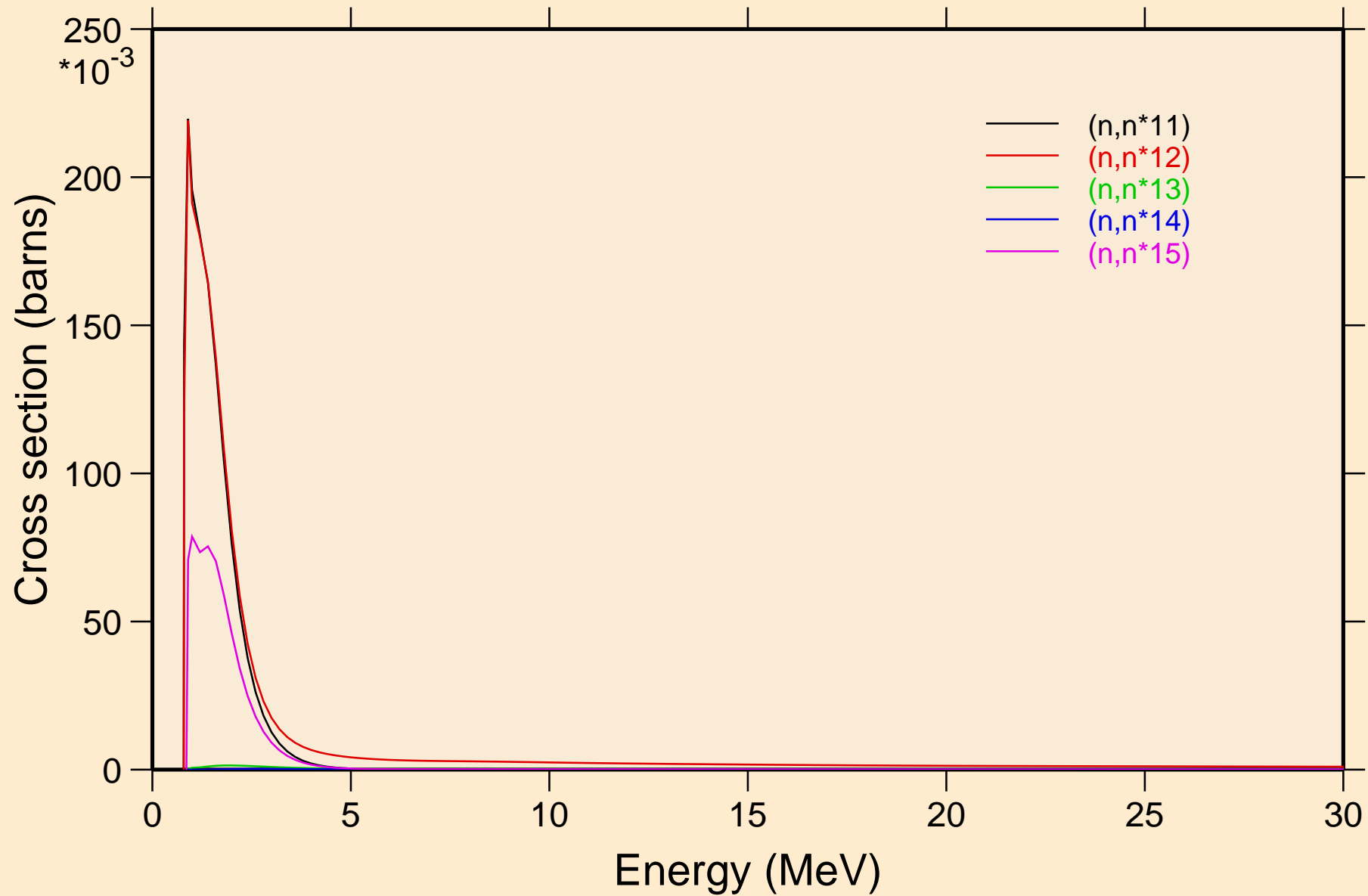
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



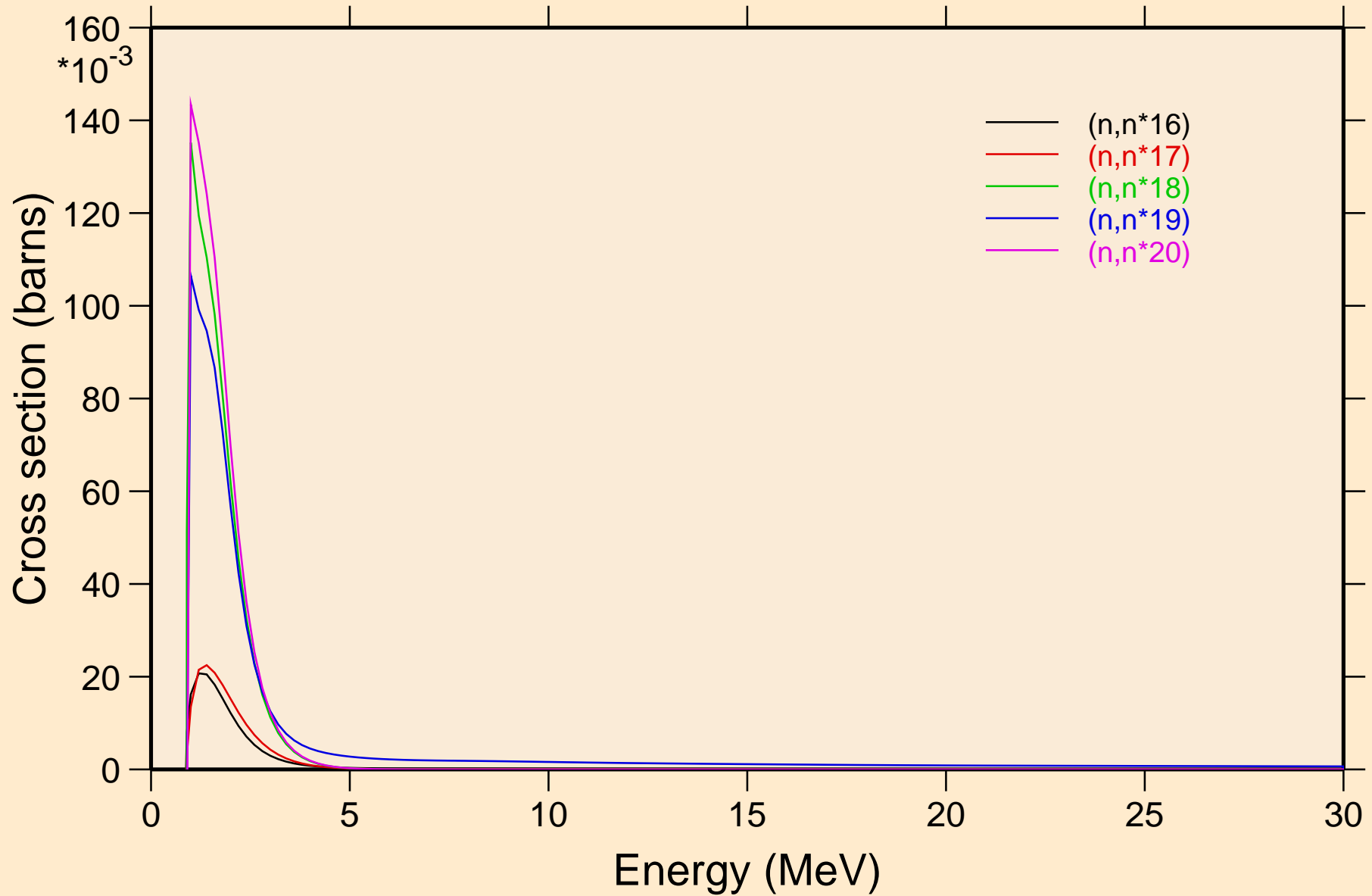
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



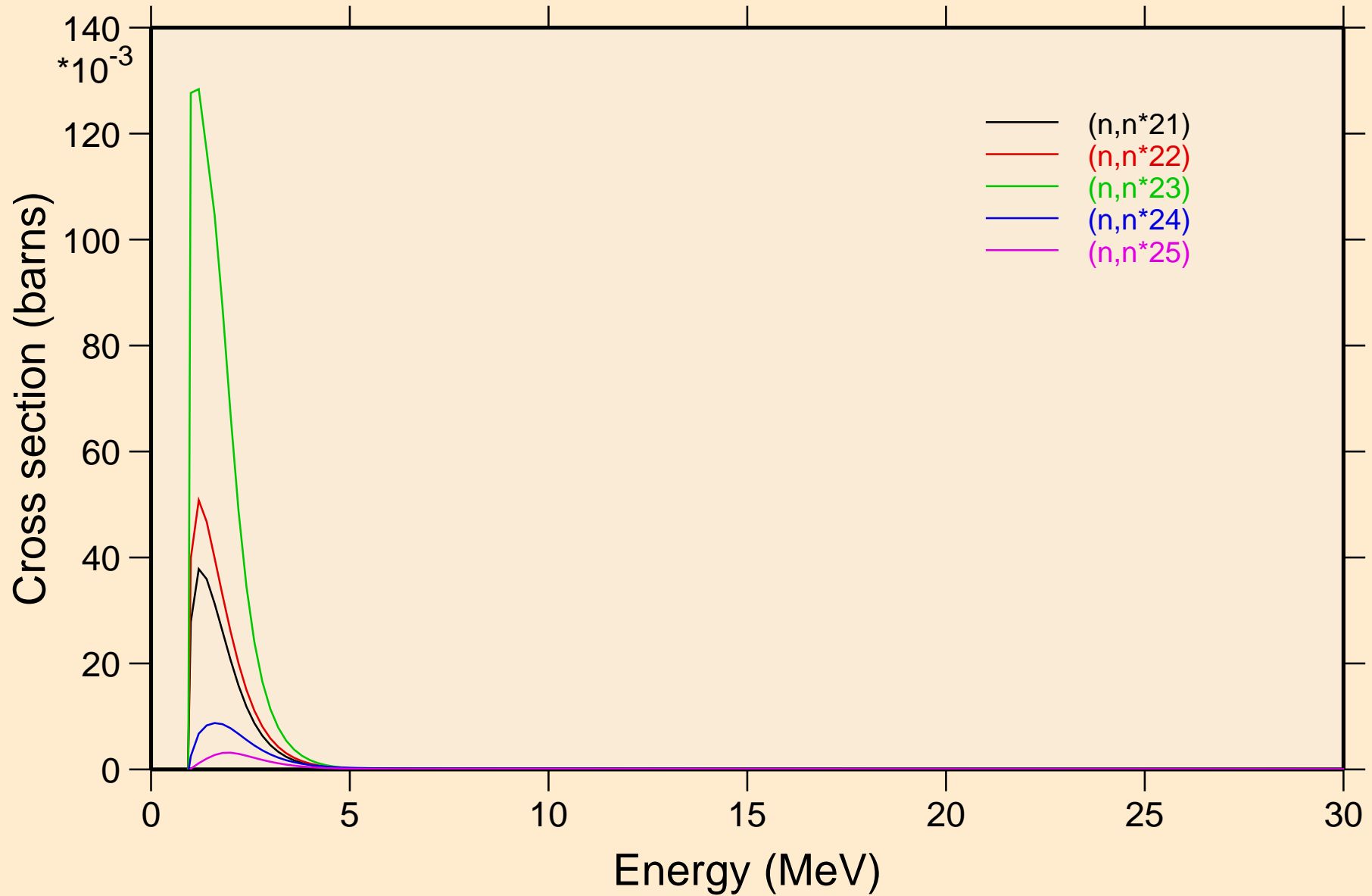
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



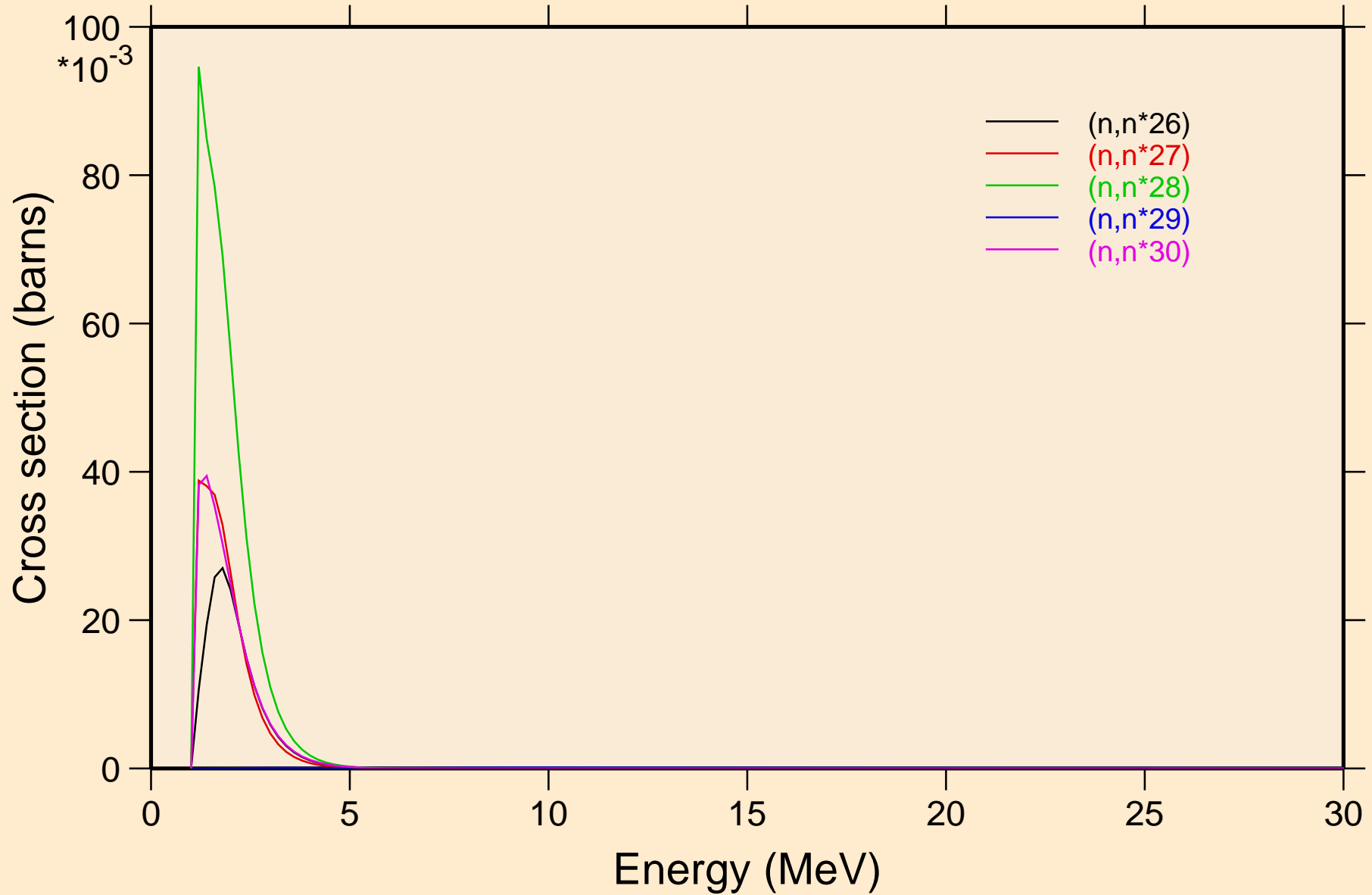
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



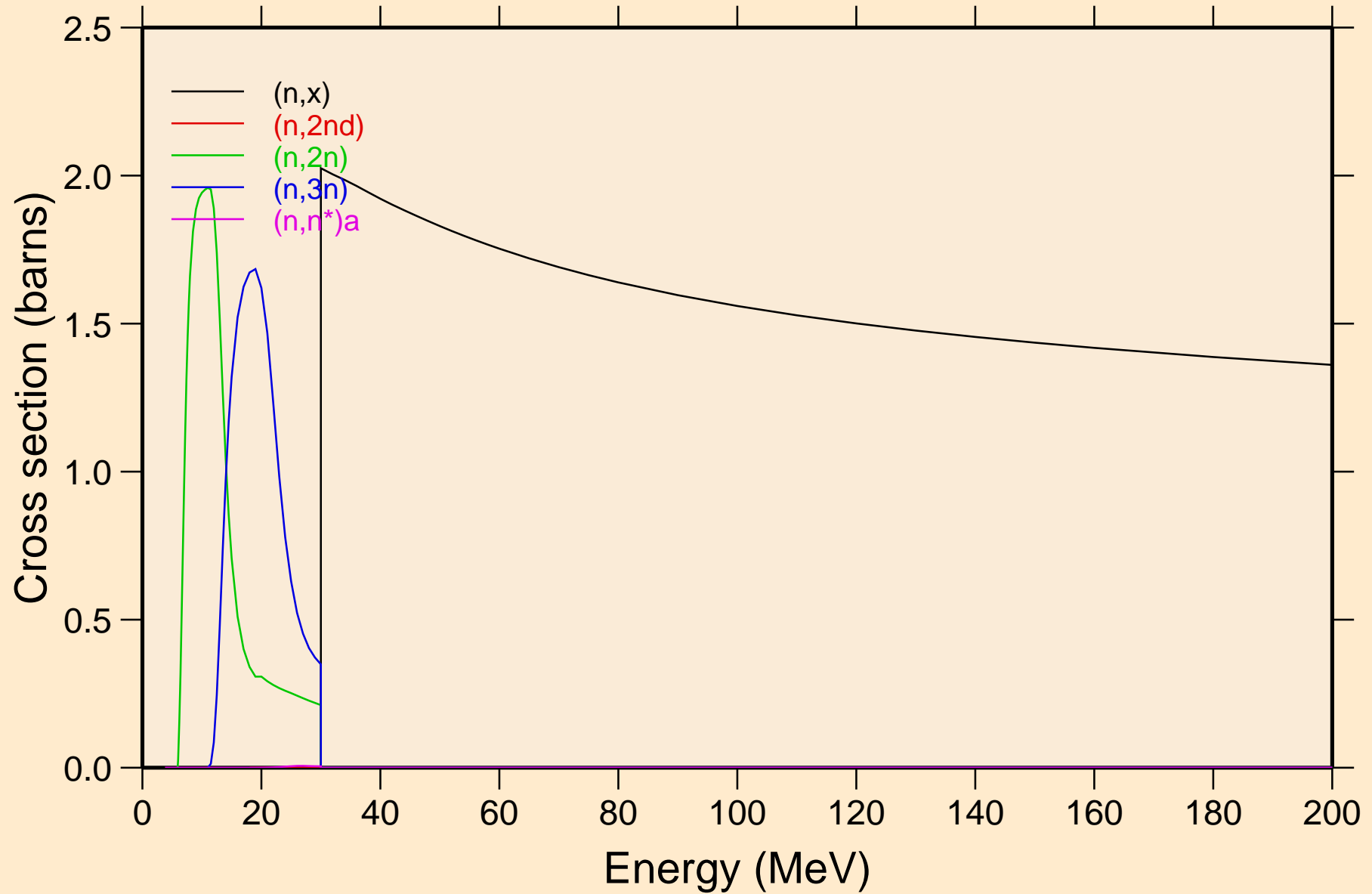
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



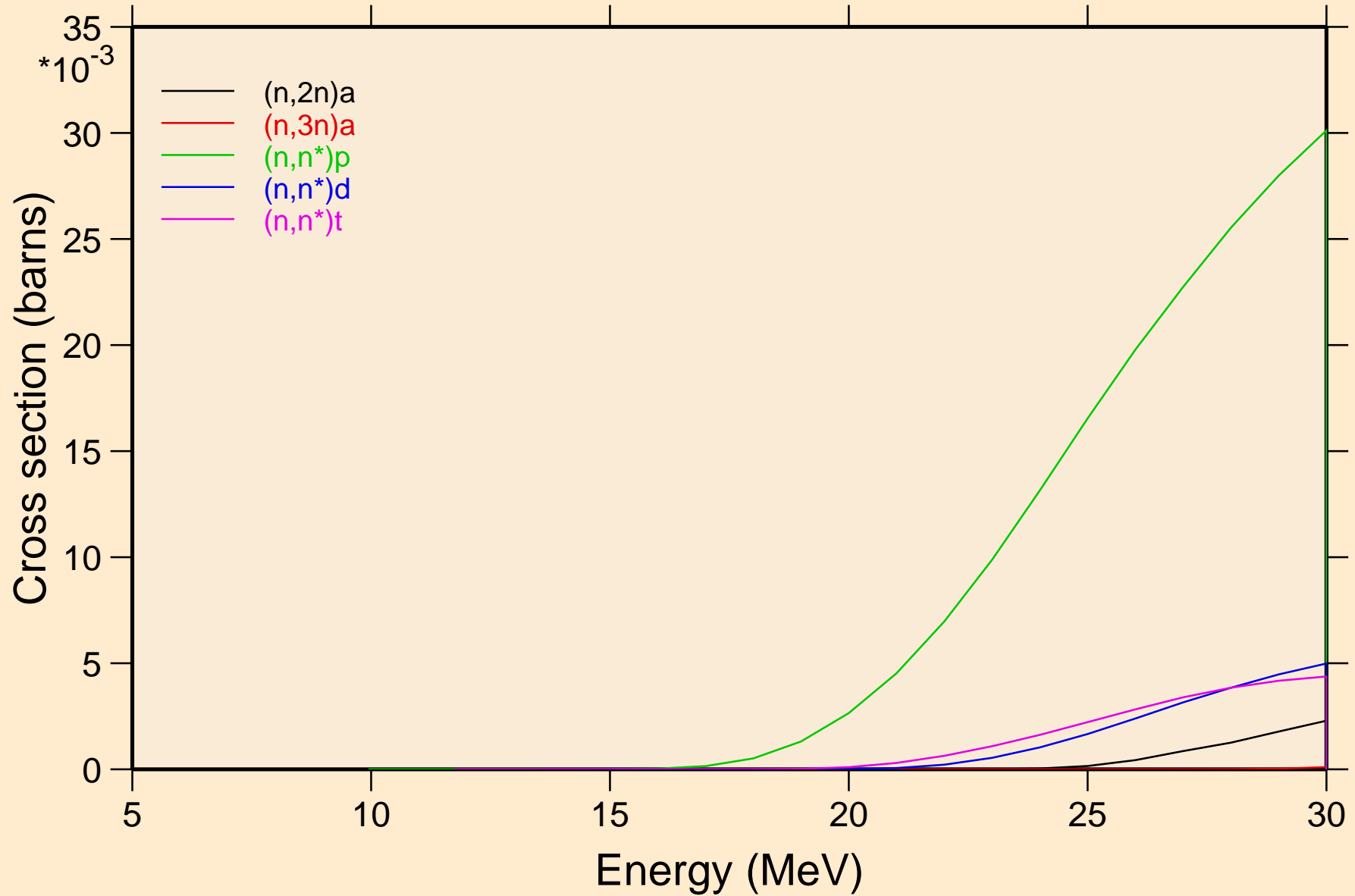
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

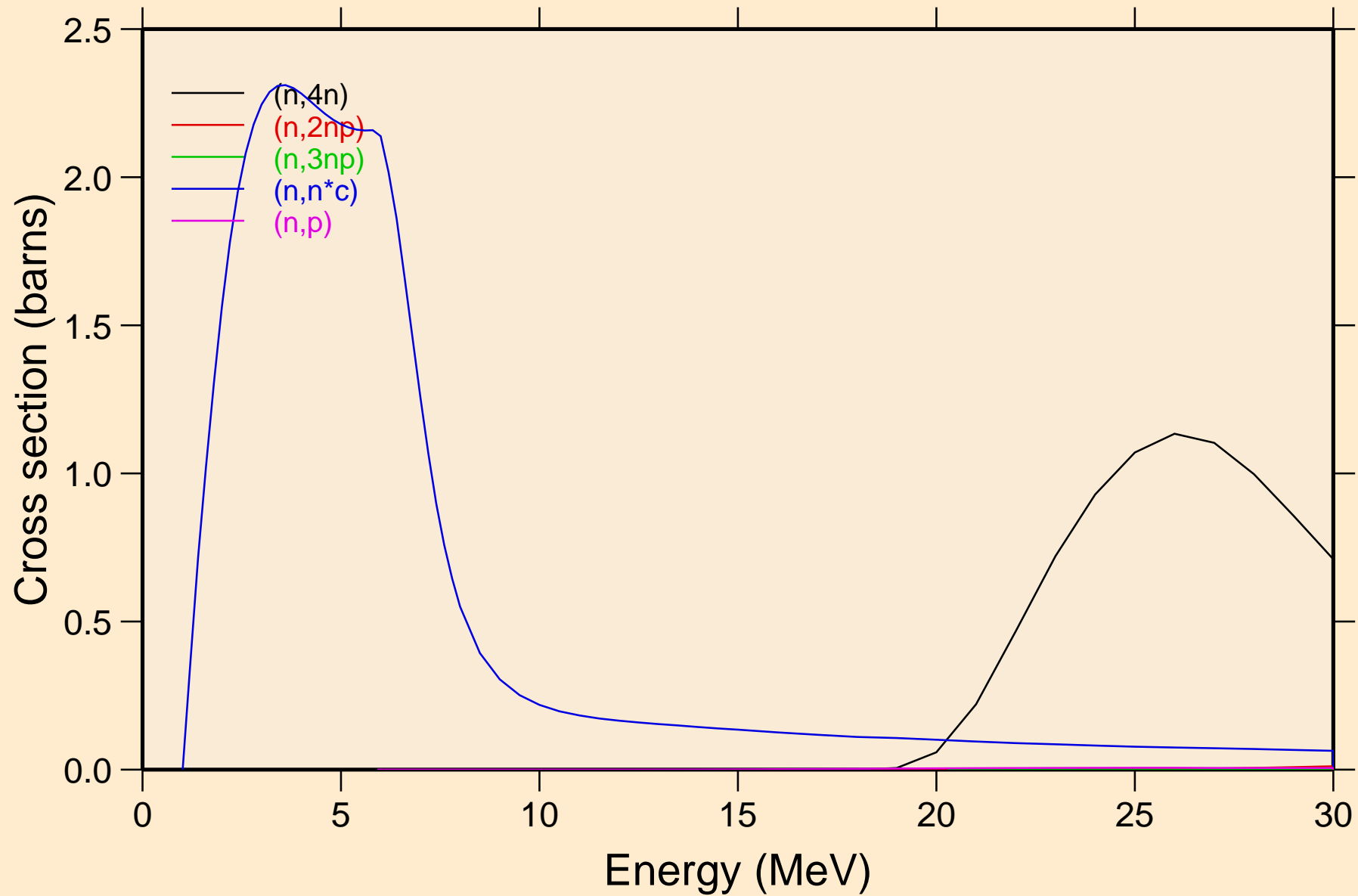


PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

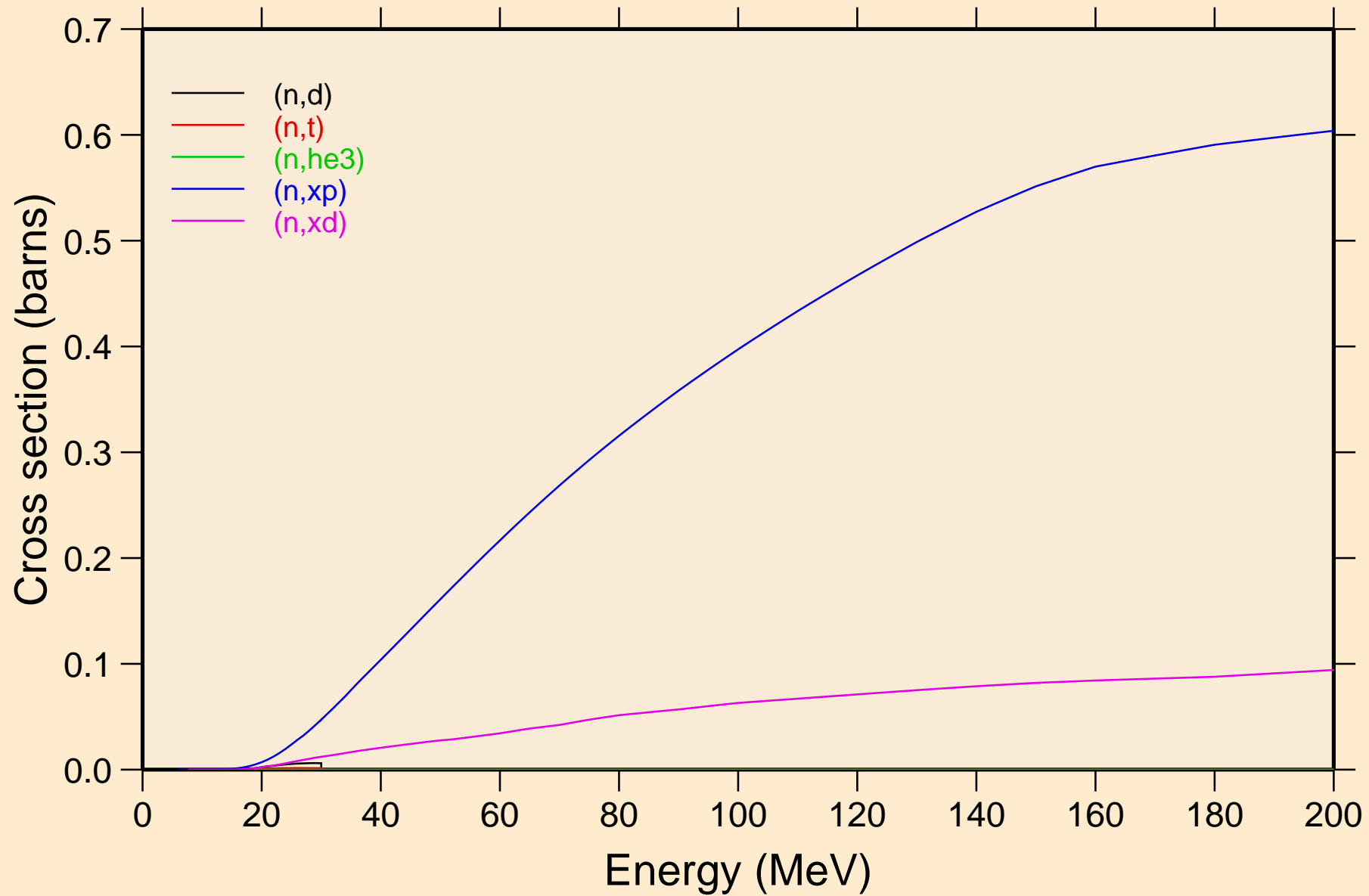




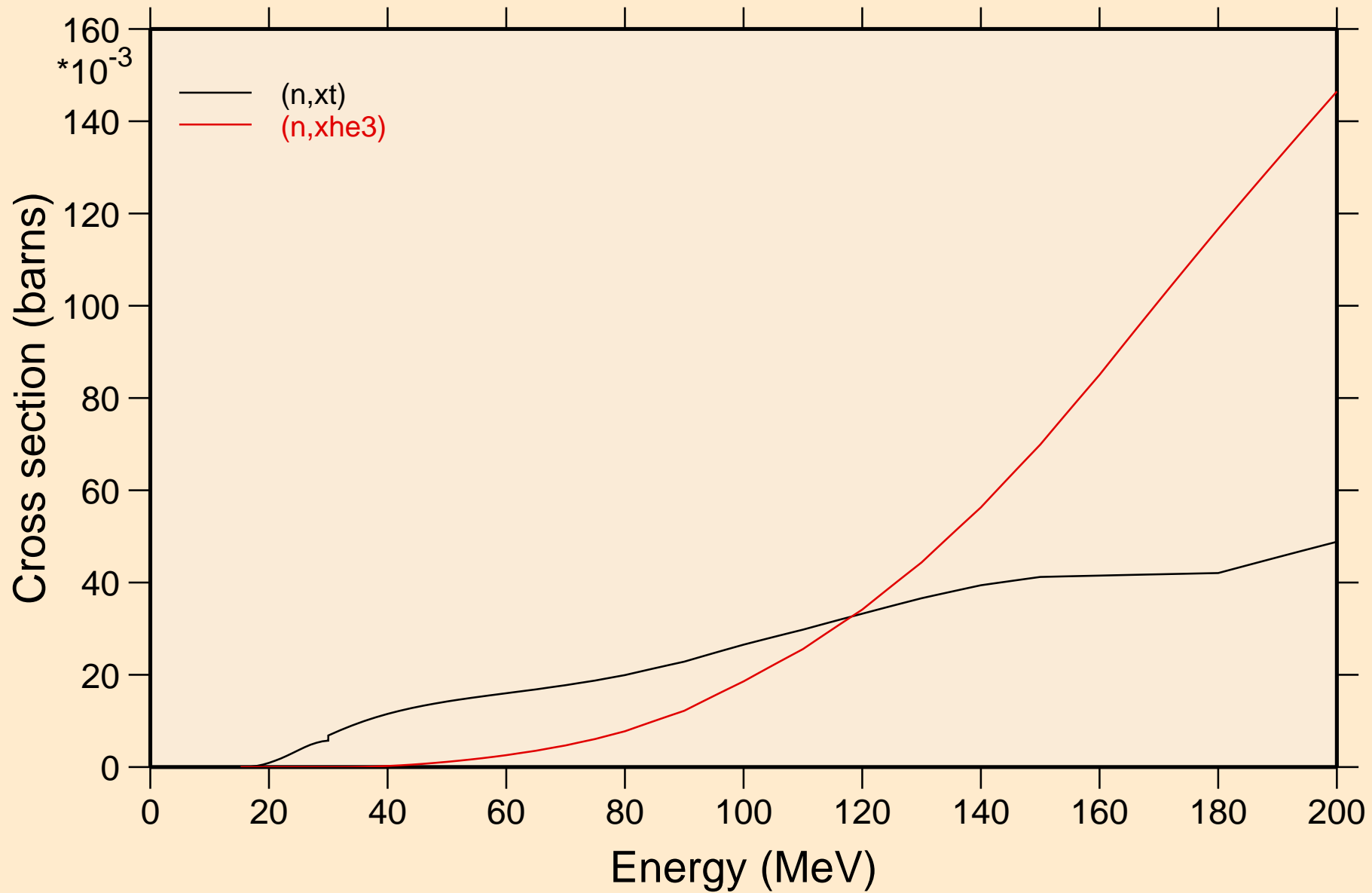
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



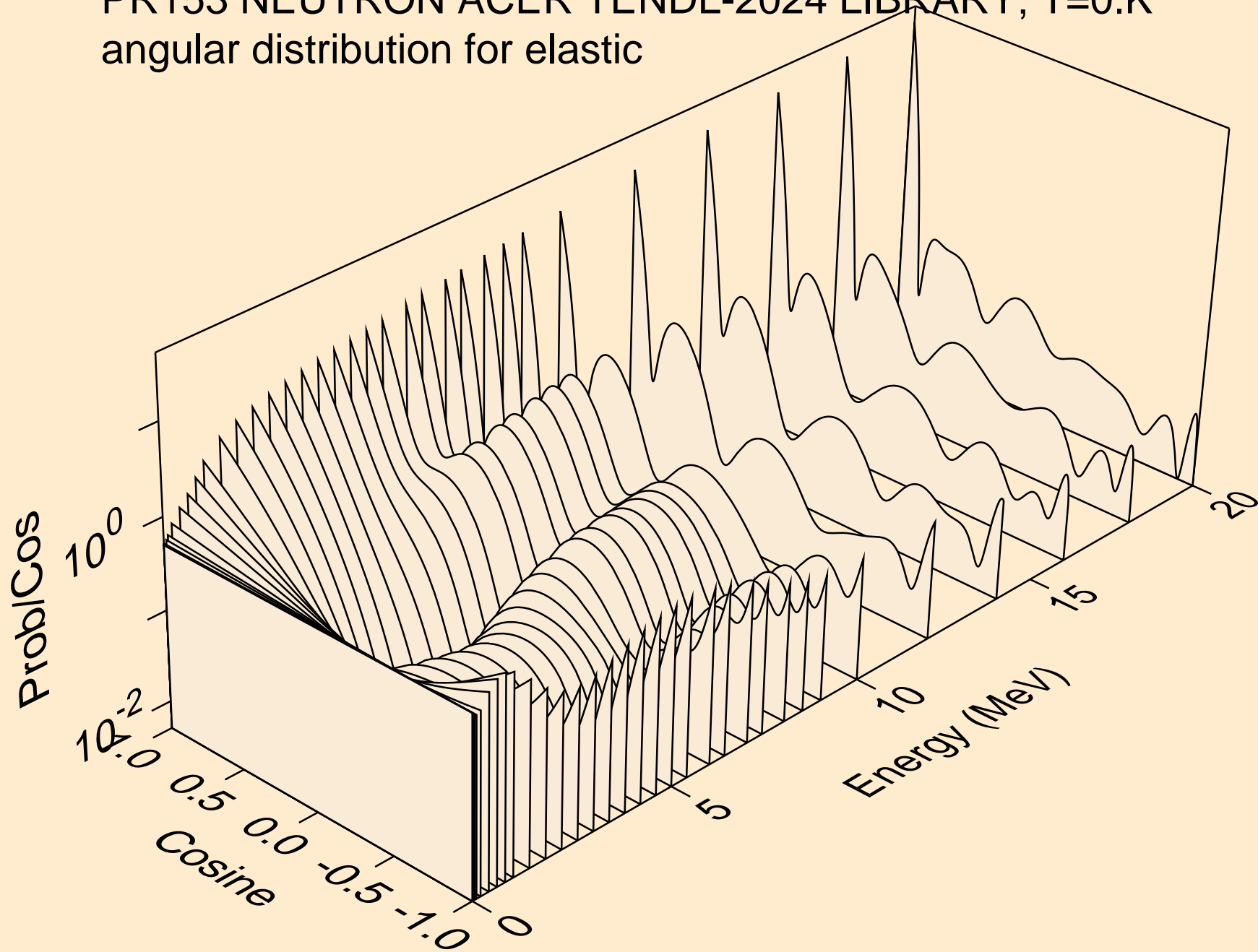
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



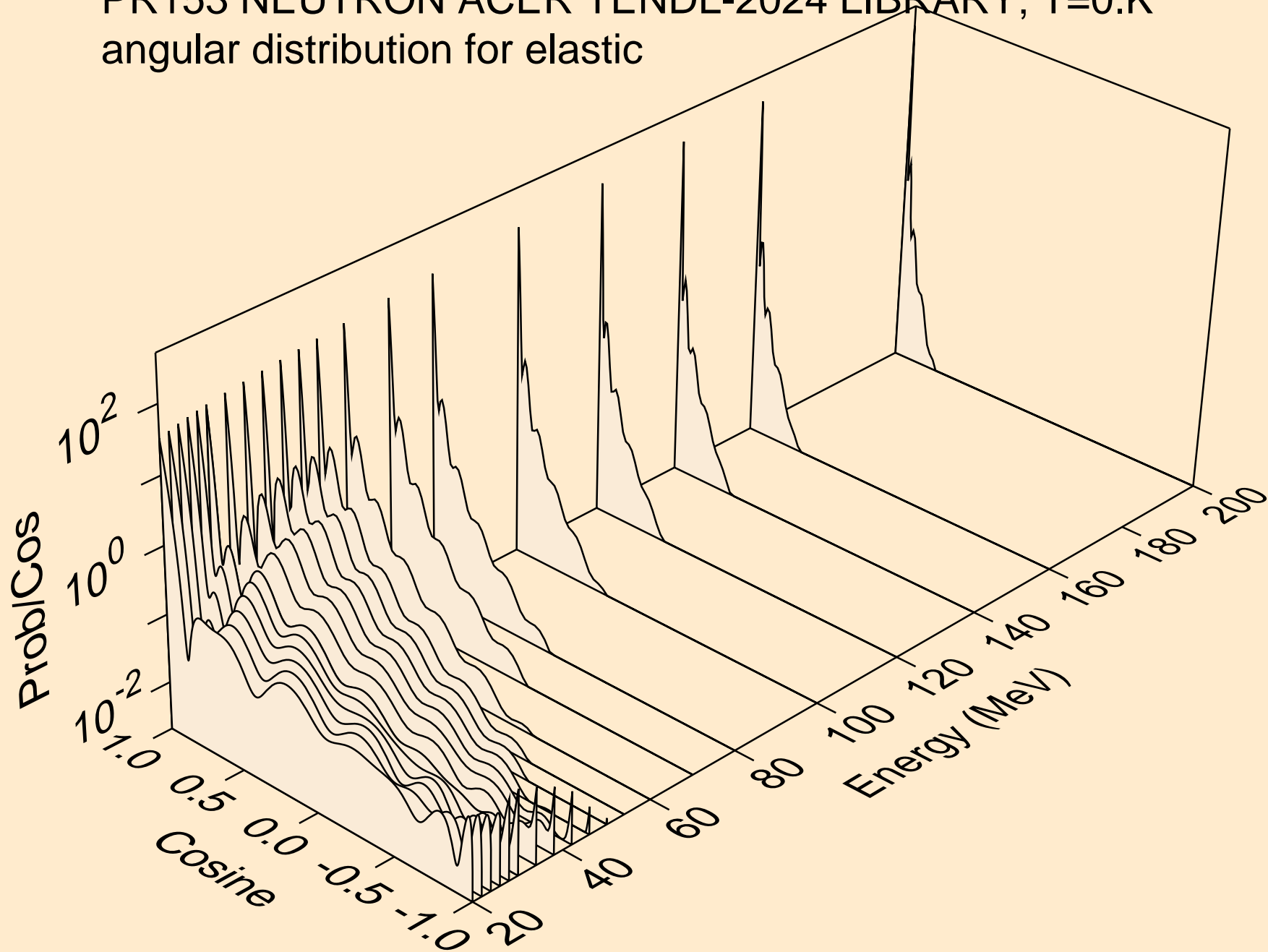
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



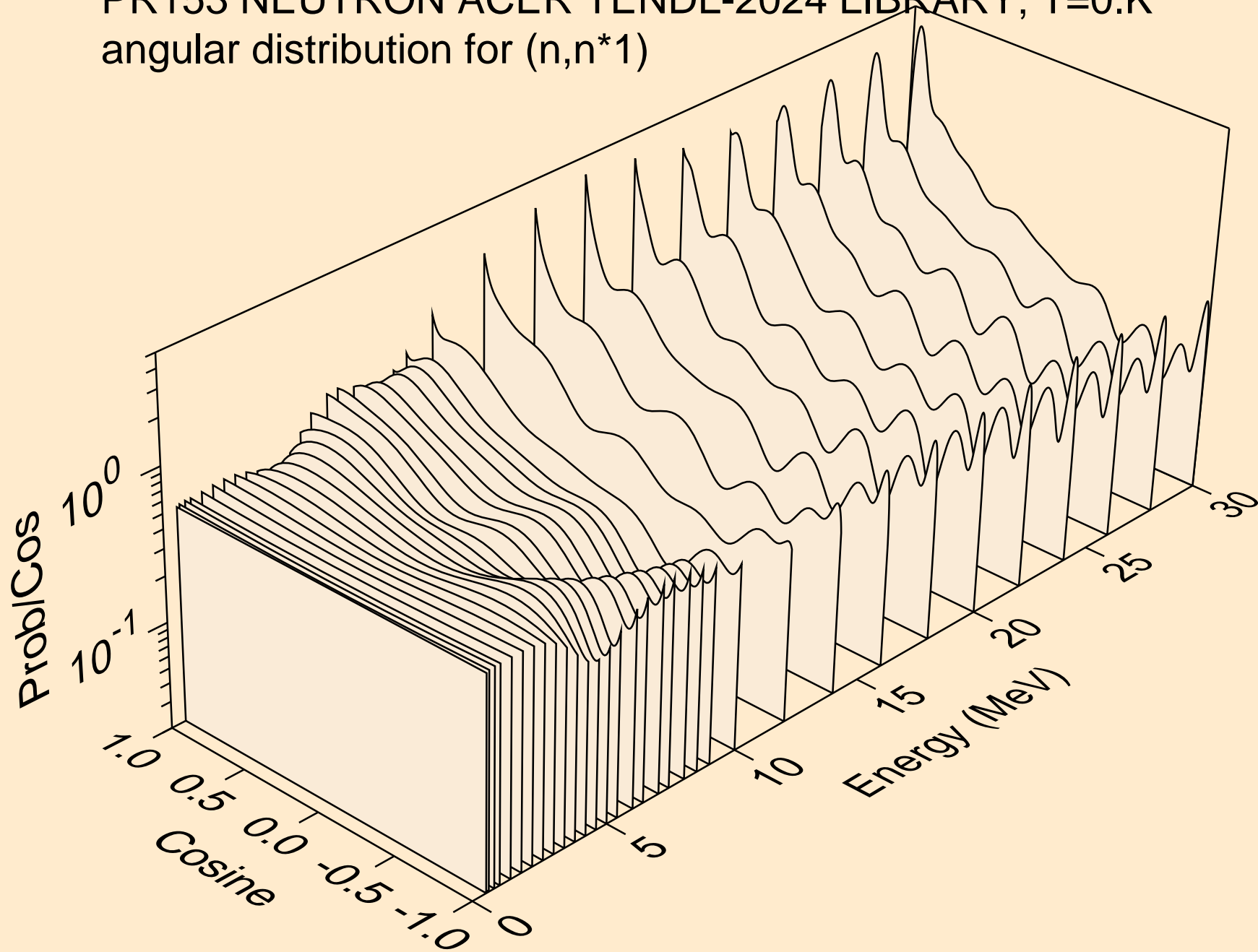
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



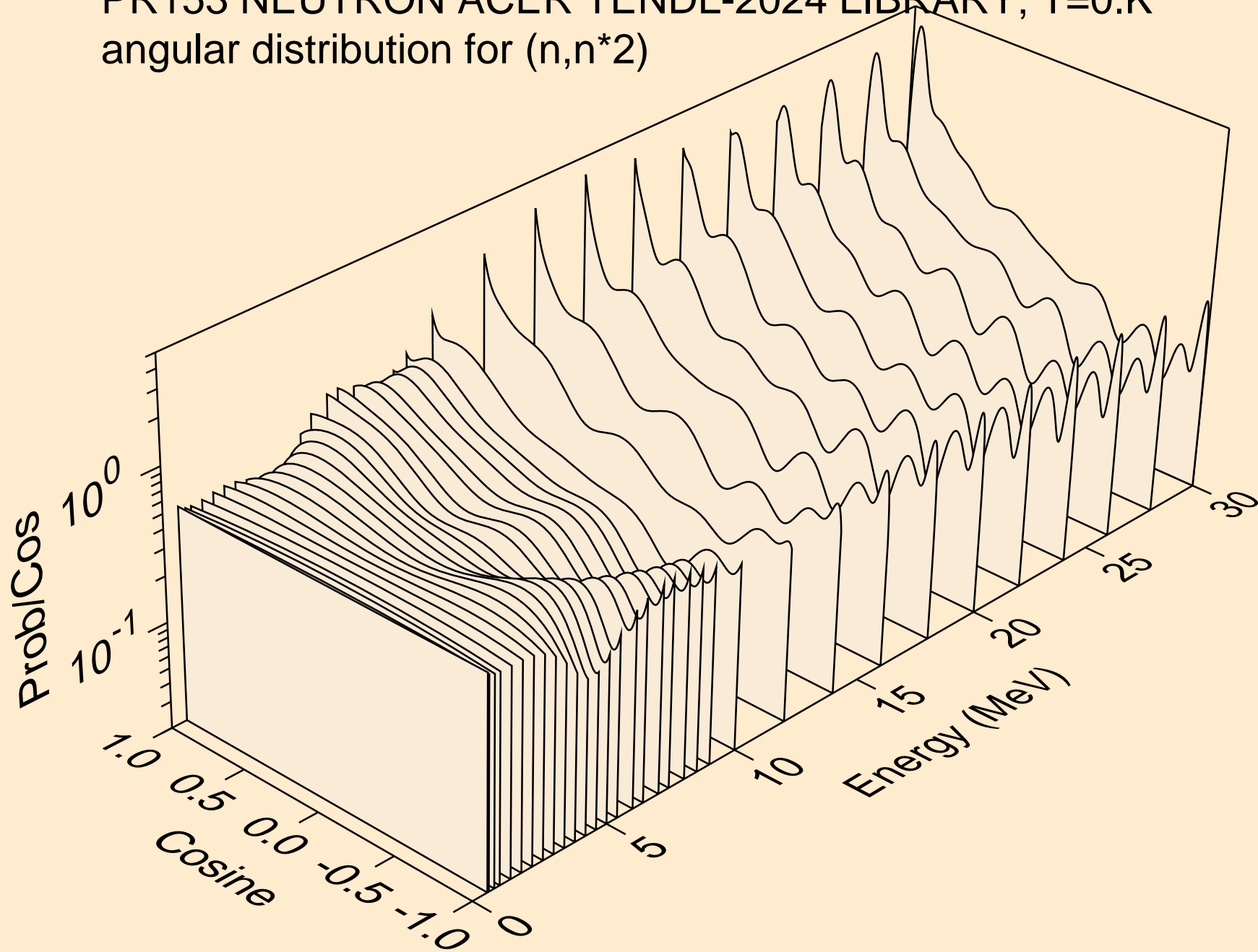
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



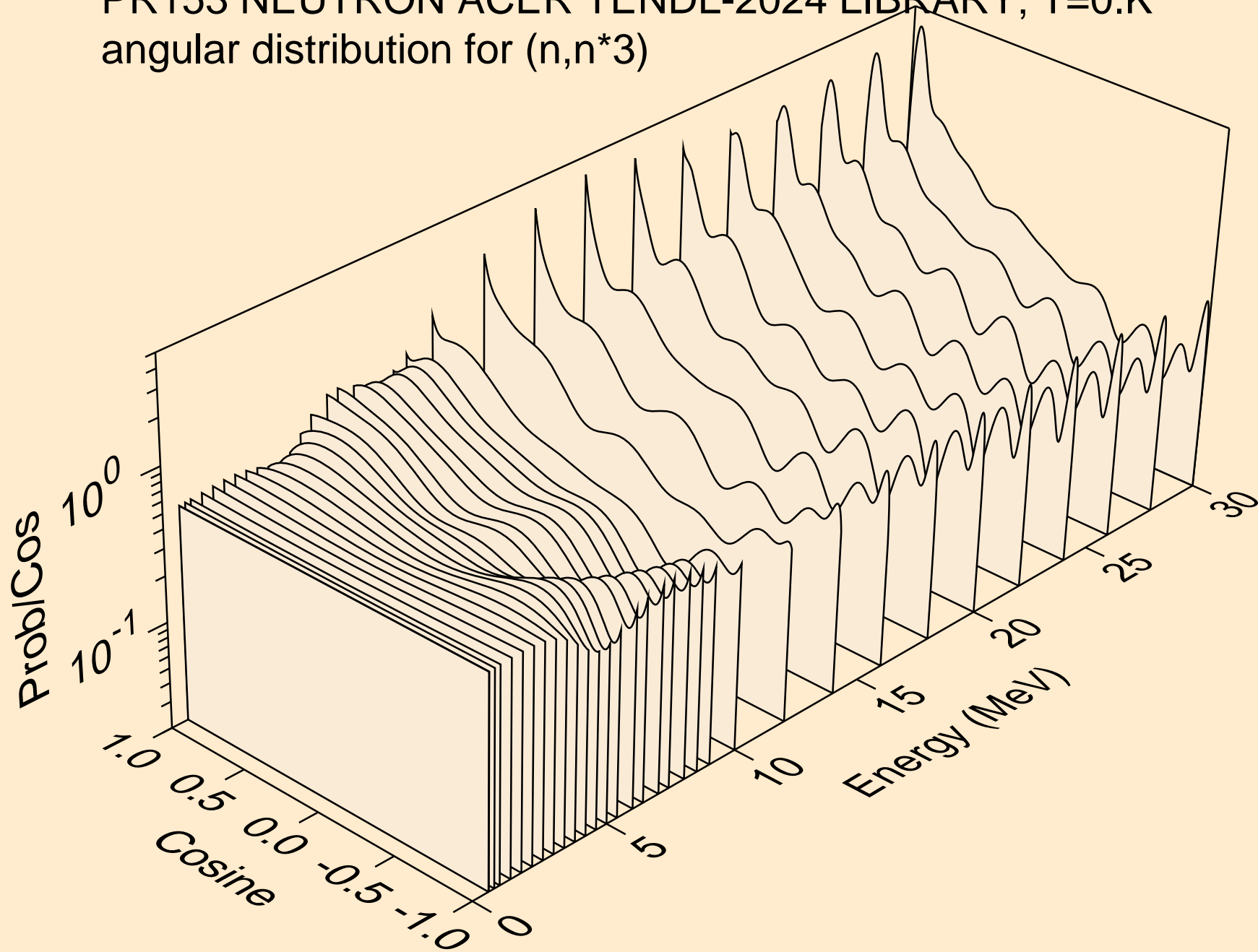
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

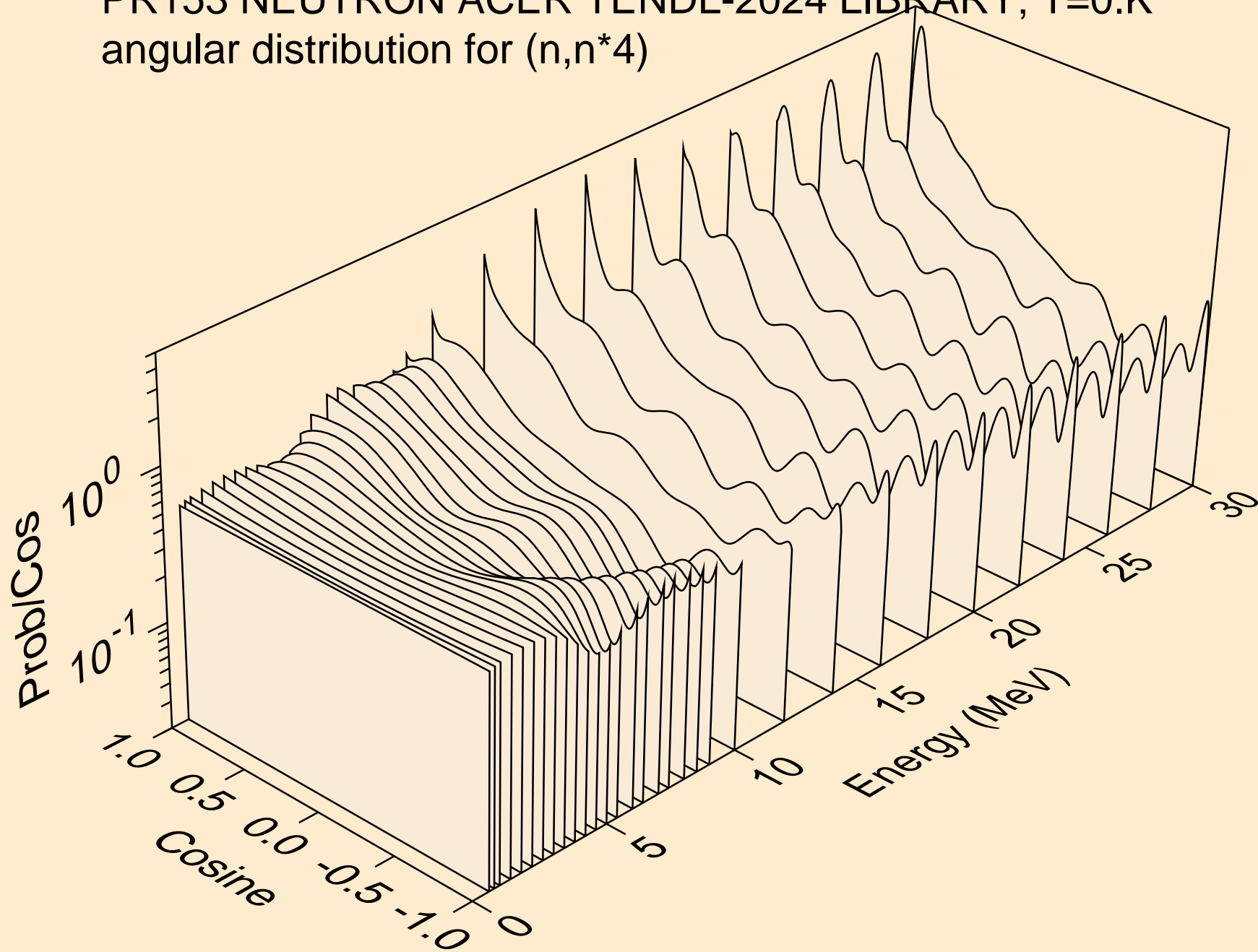


PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)

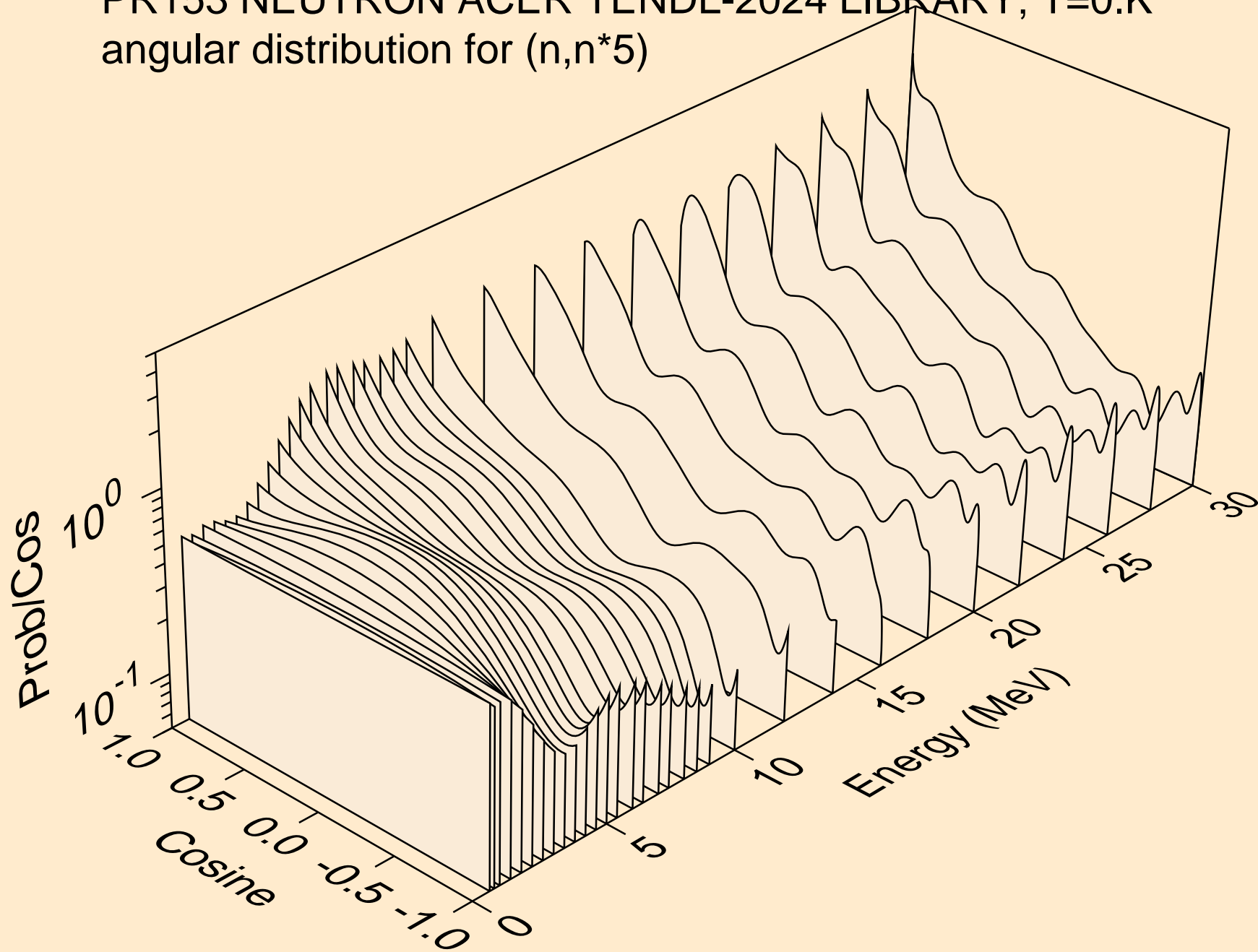




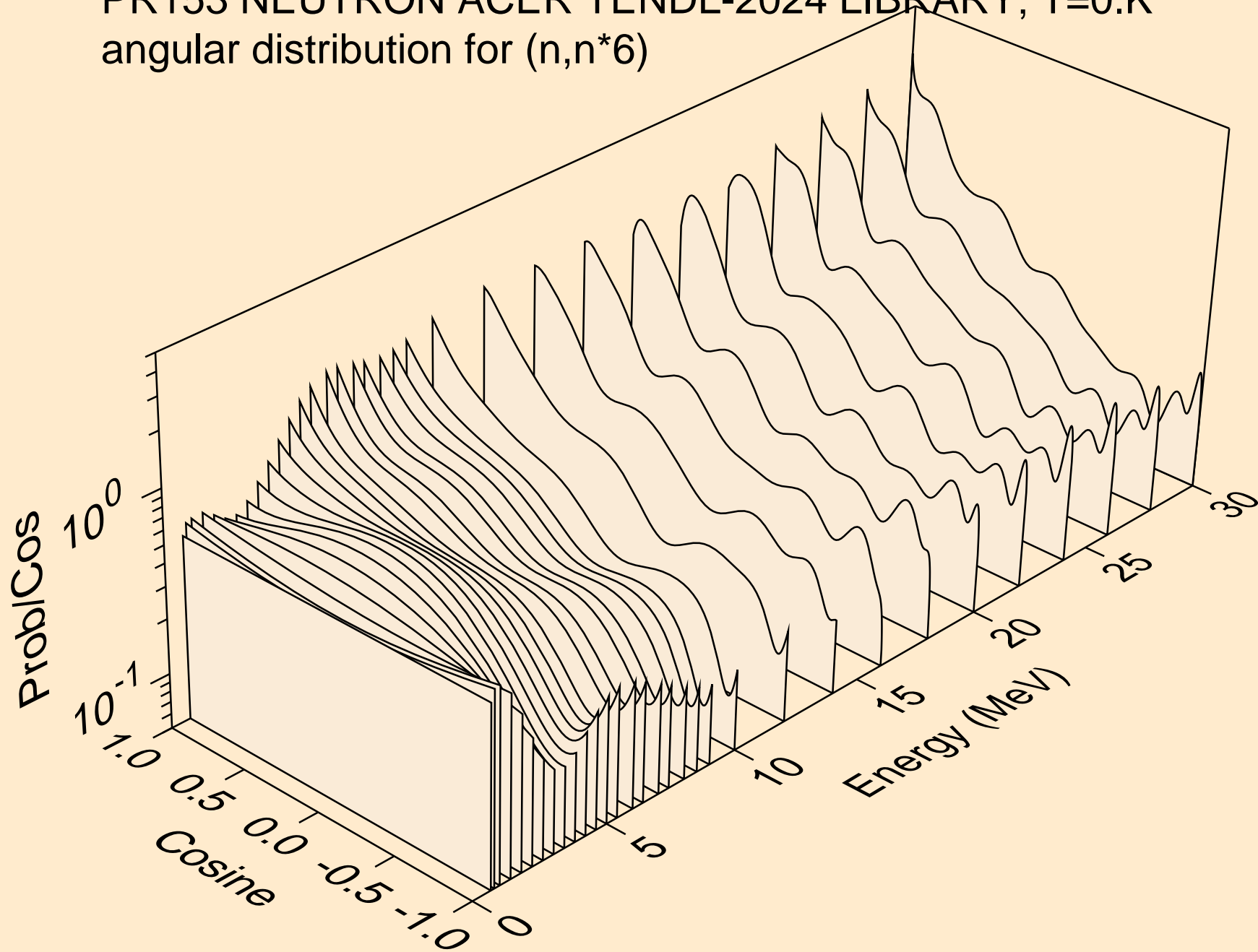
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



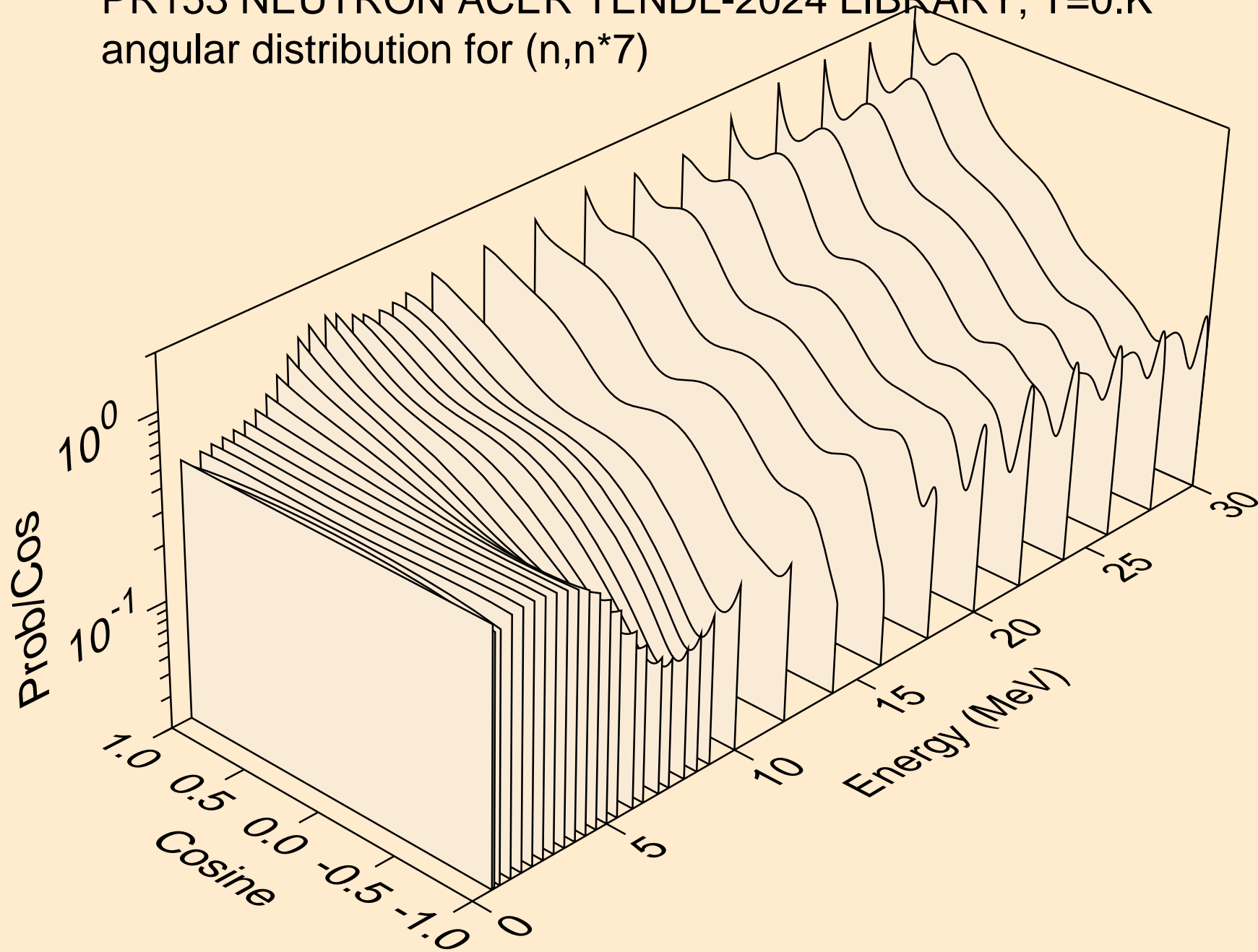
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



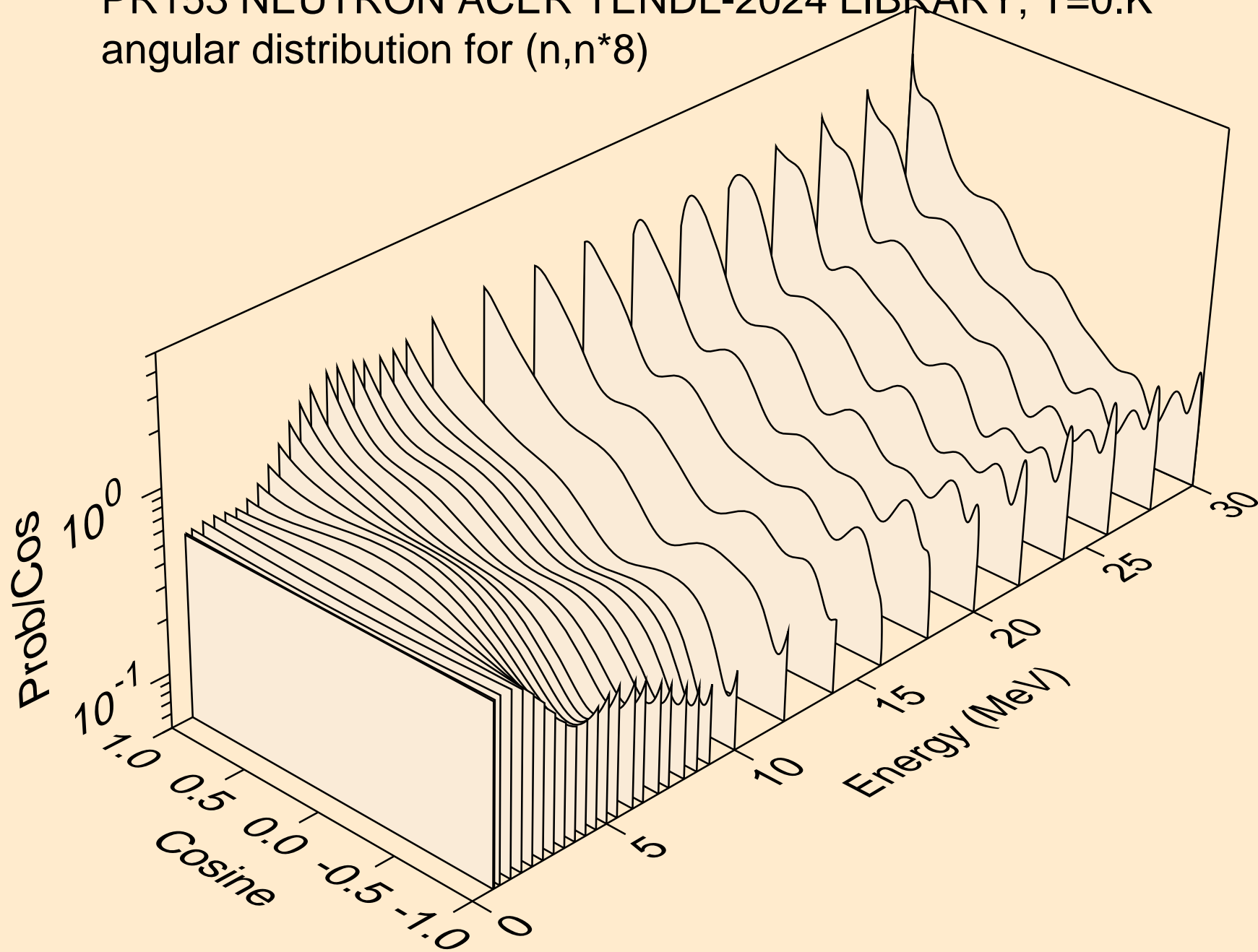
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



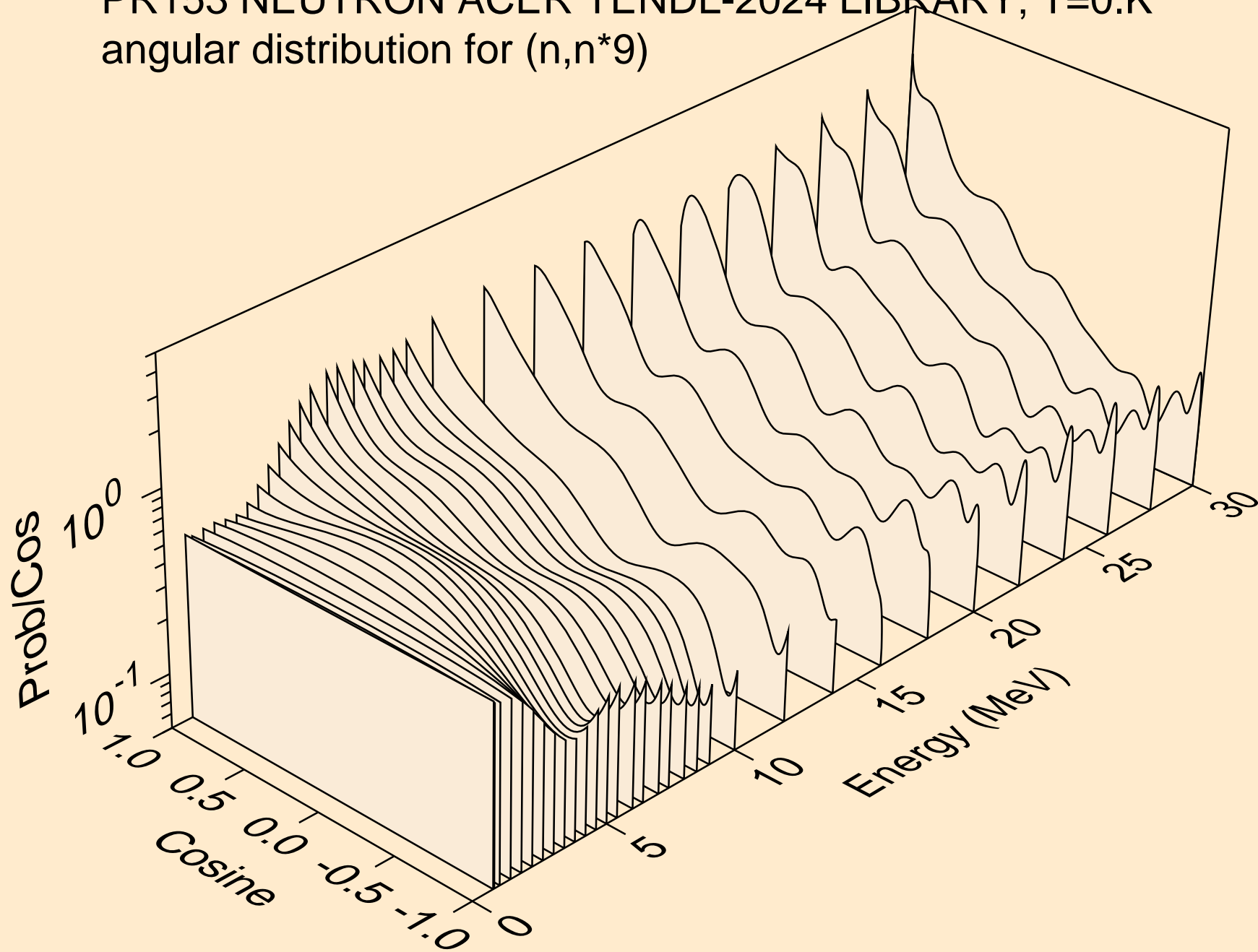
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



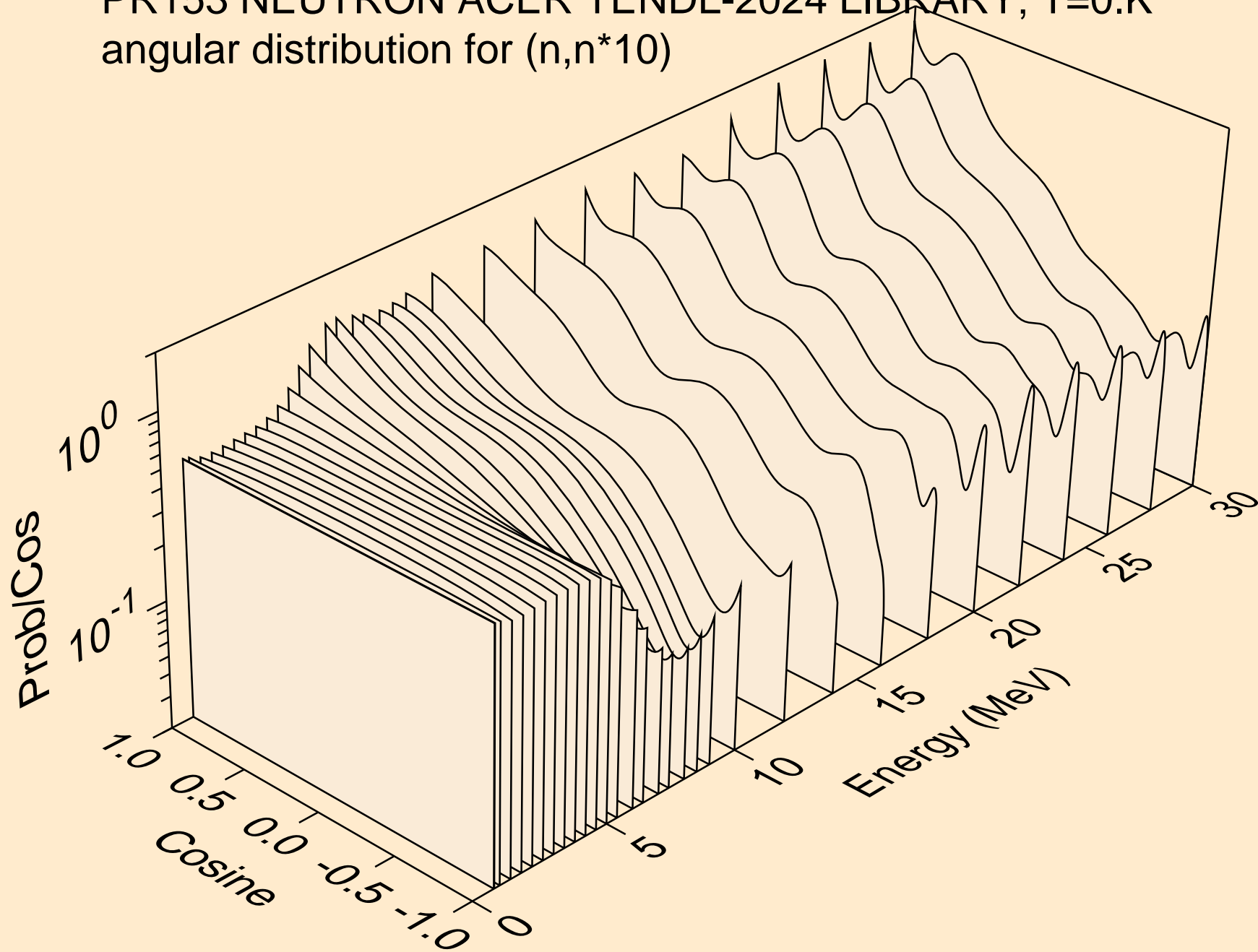
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



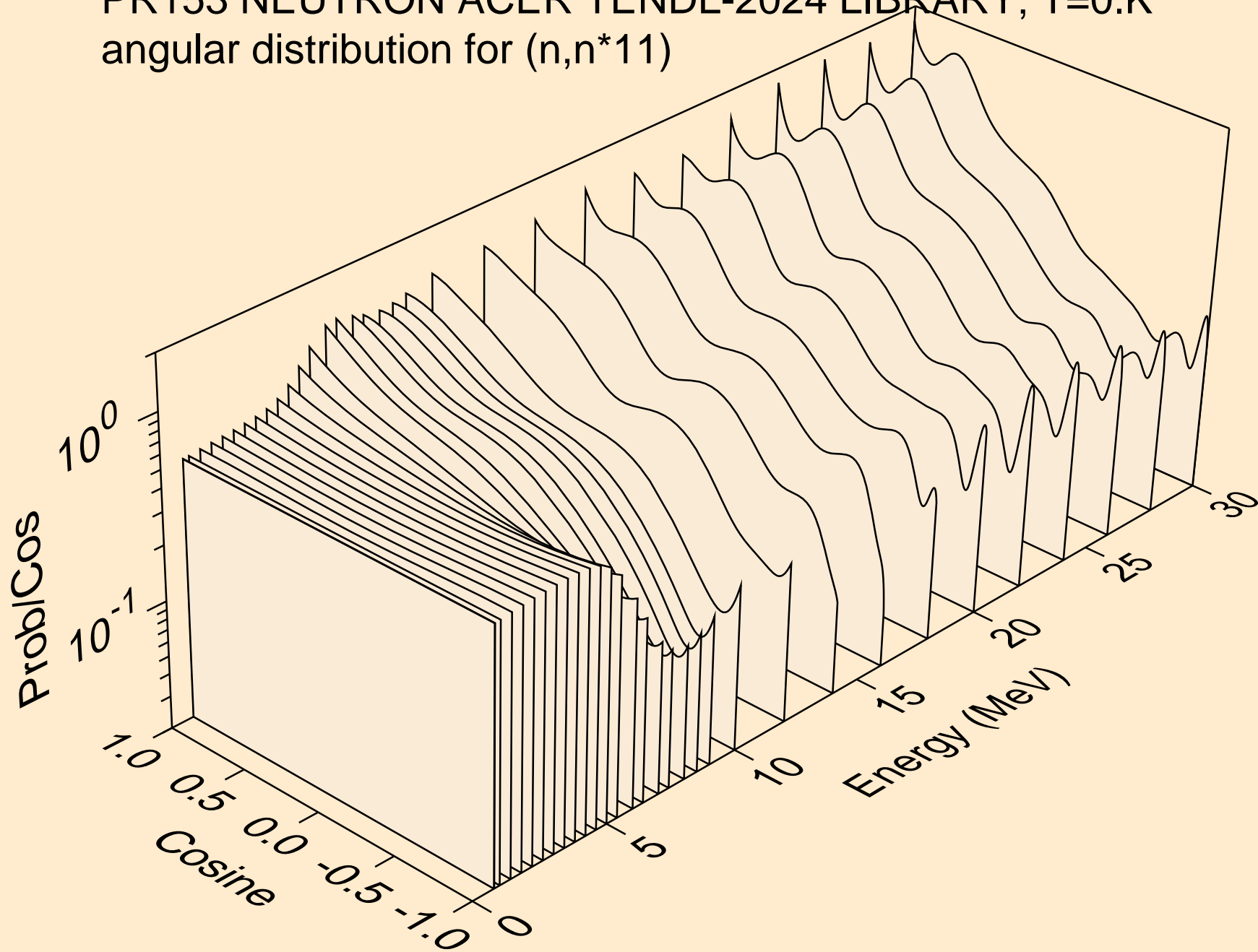
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)

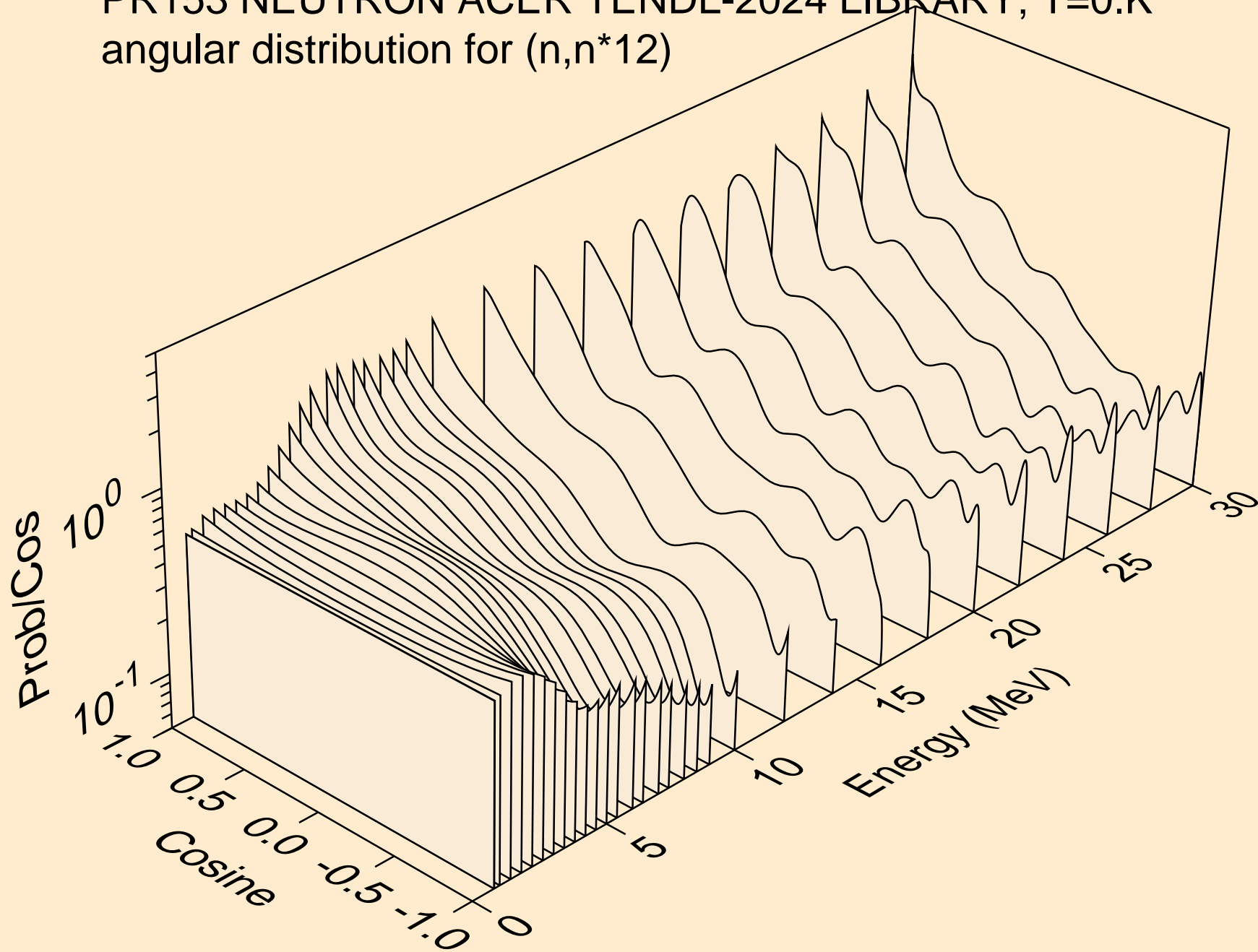


PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)

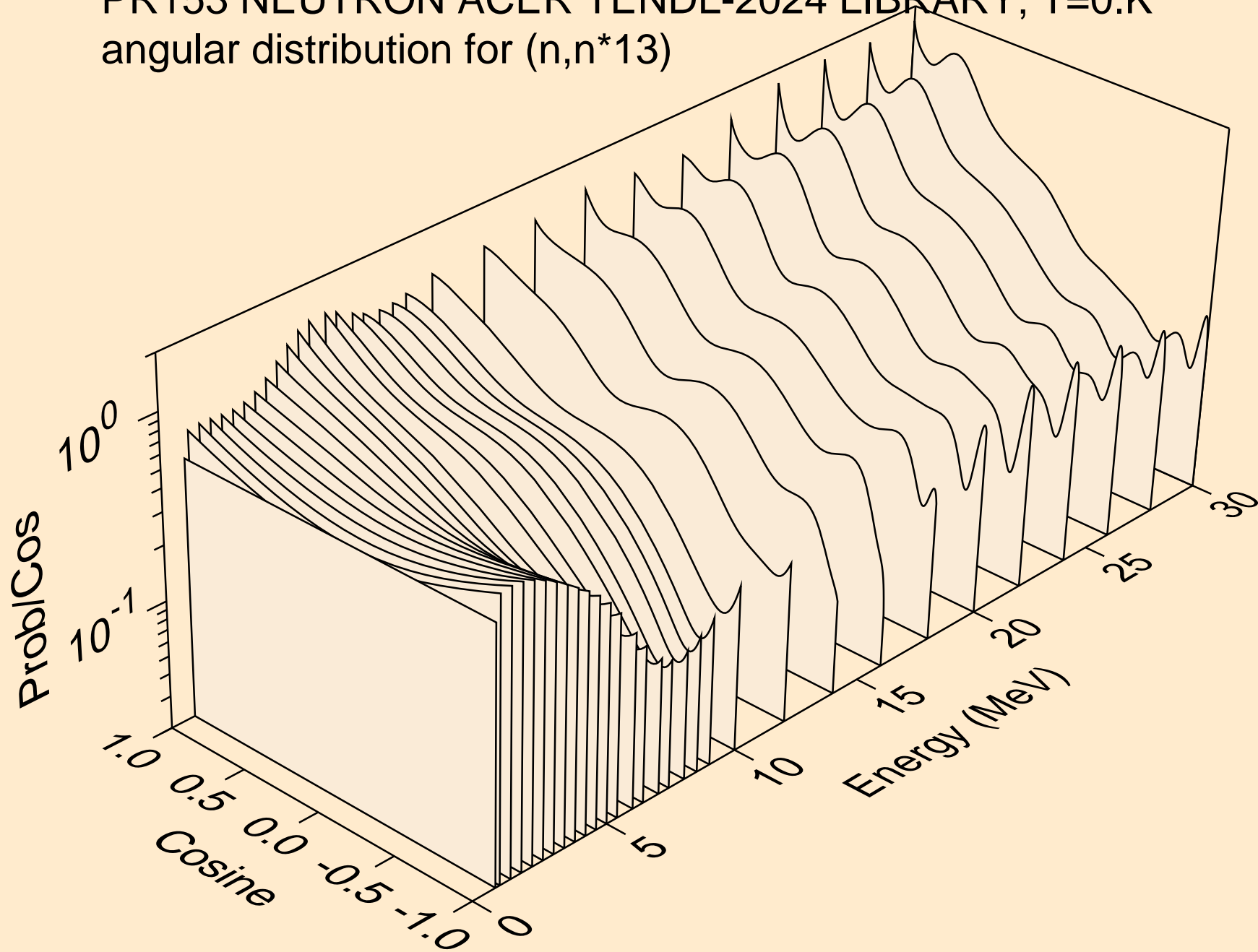




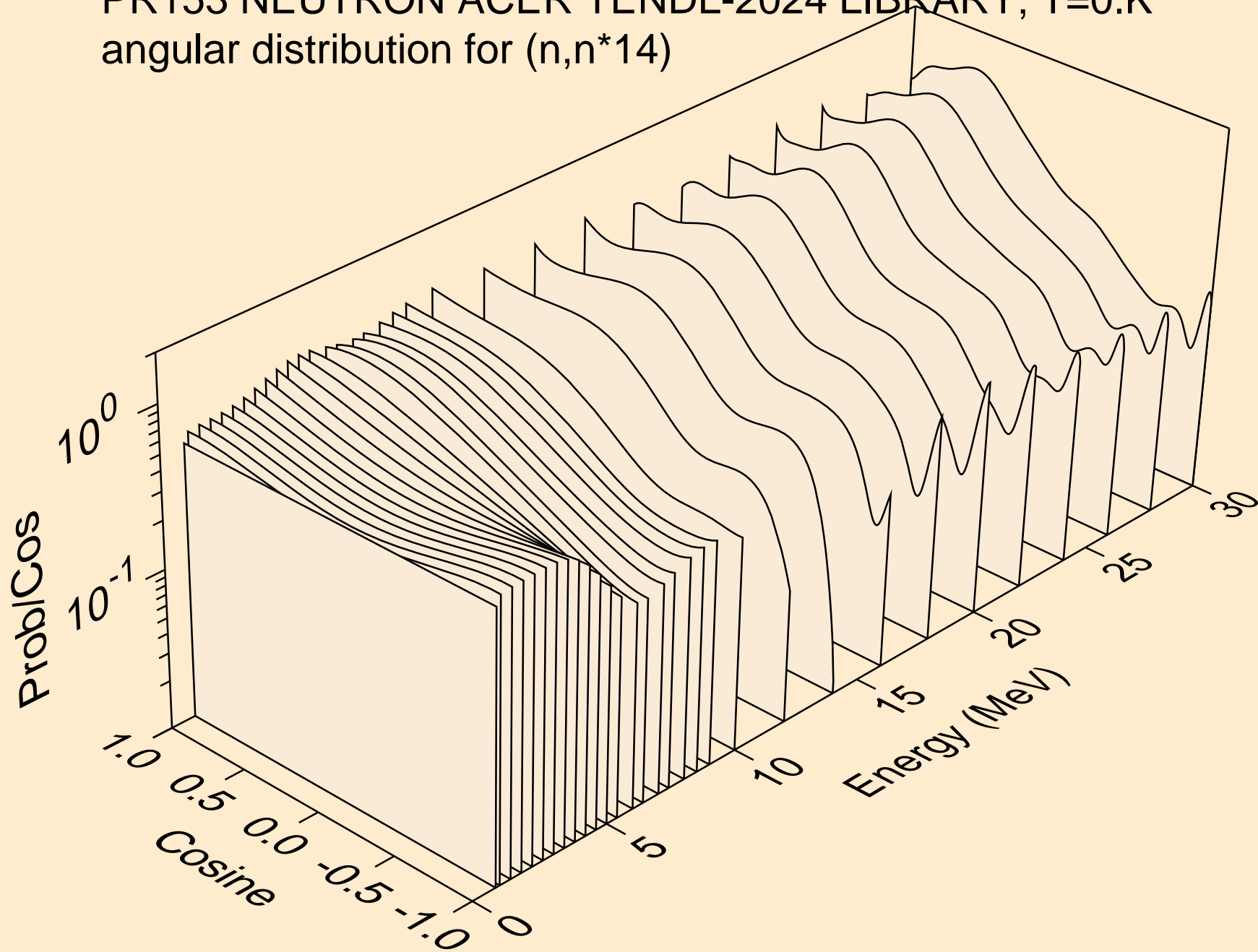
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



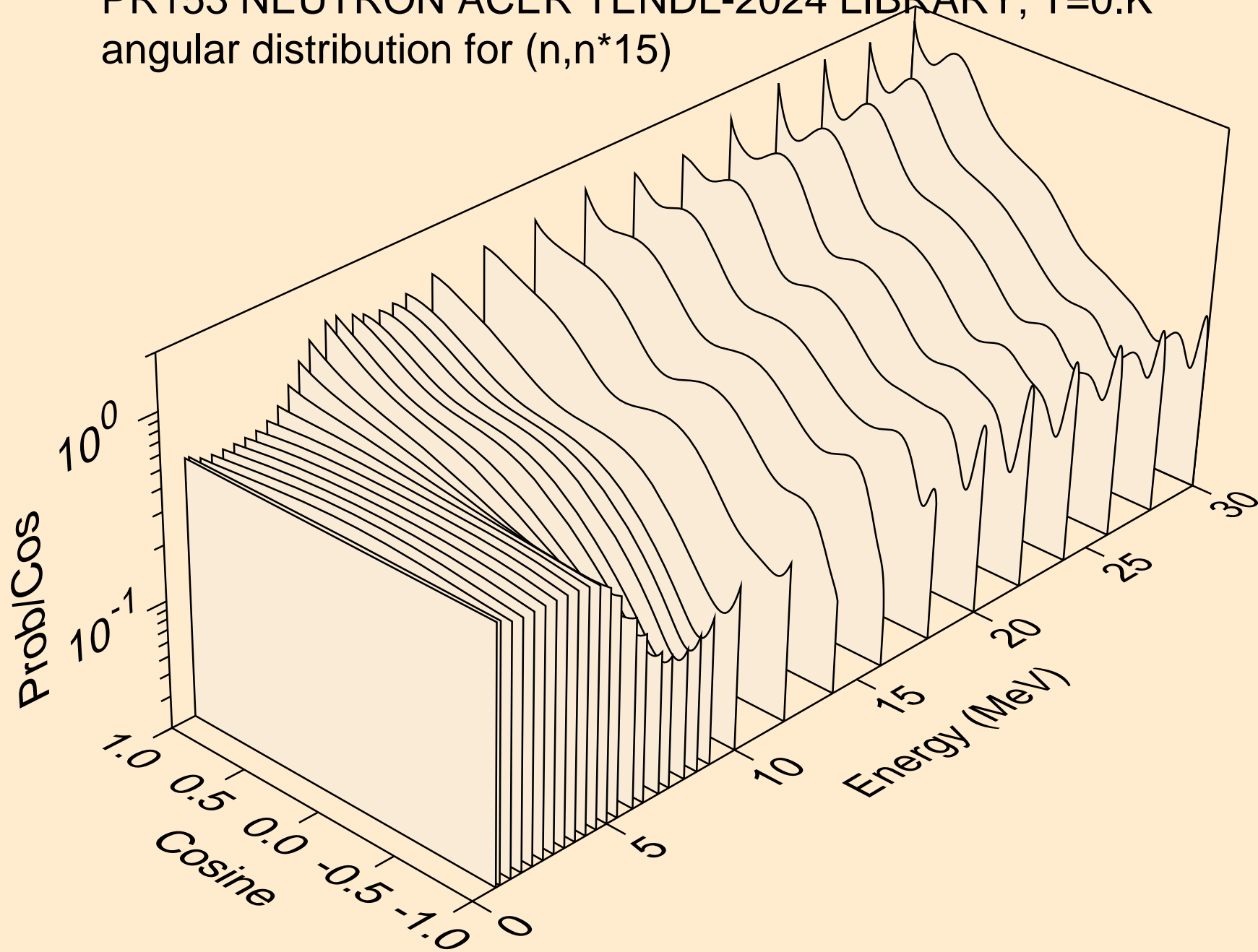
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



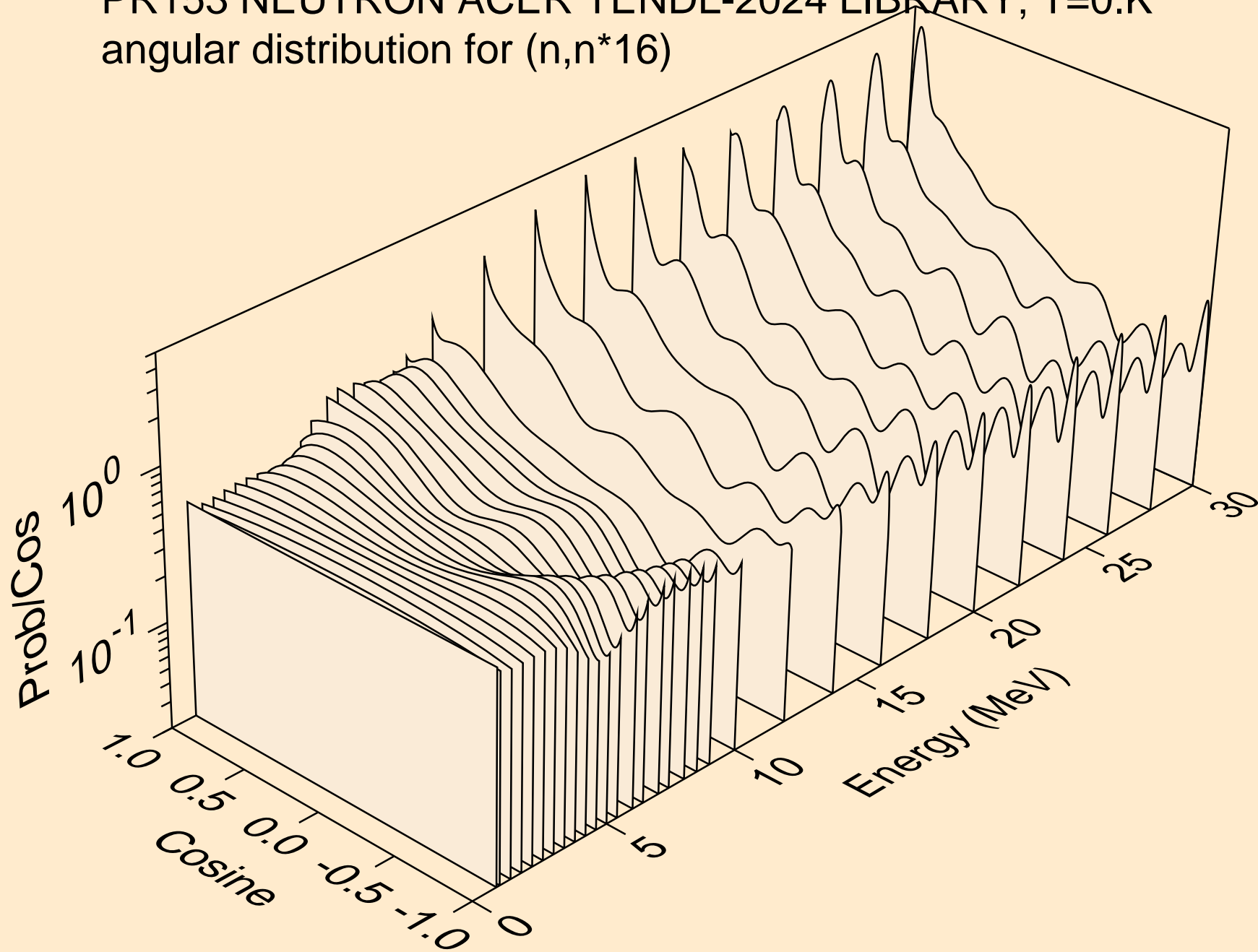
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



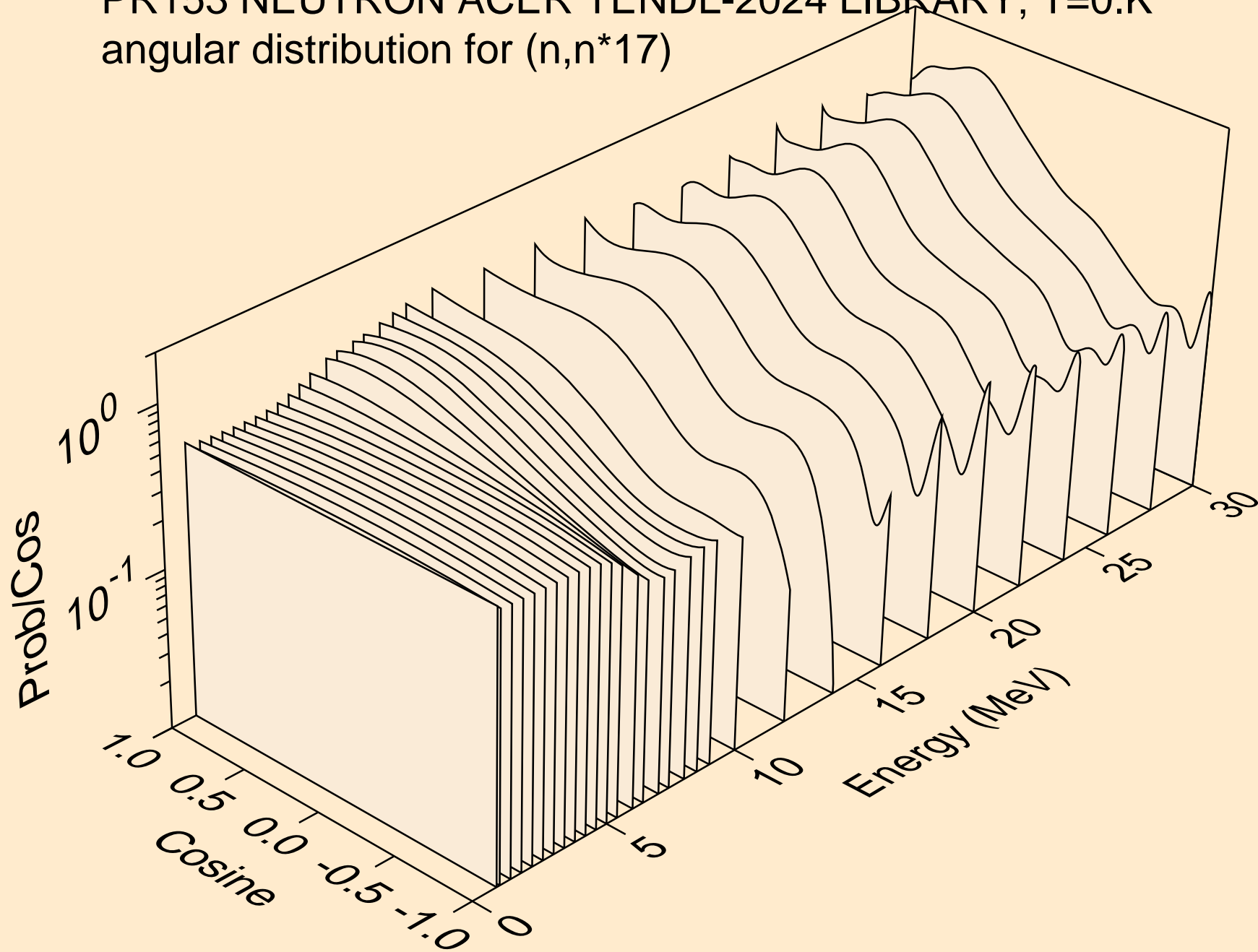
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



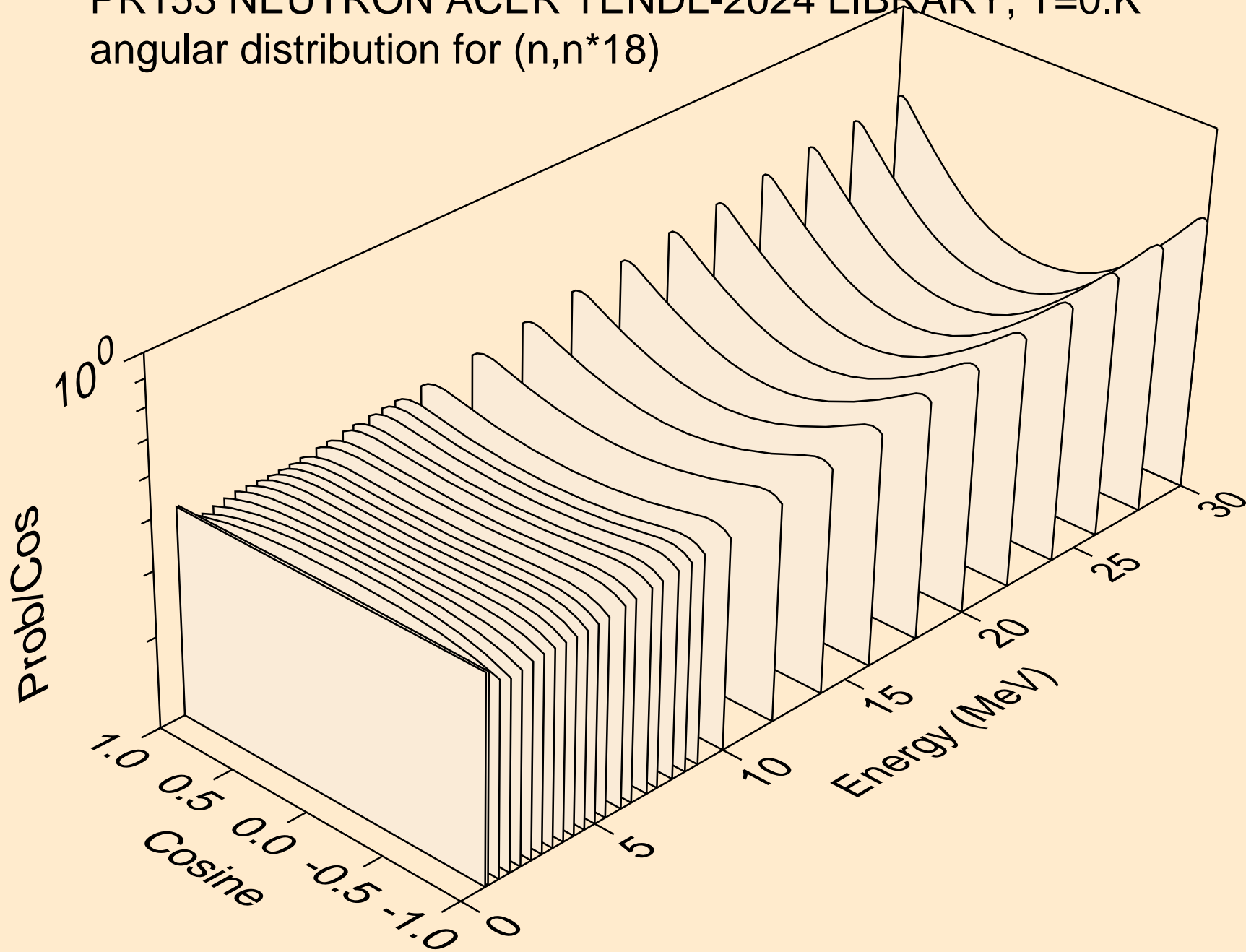
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



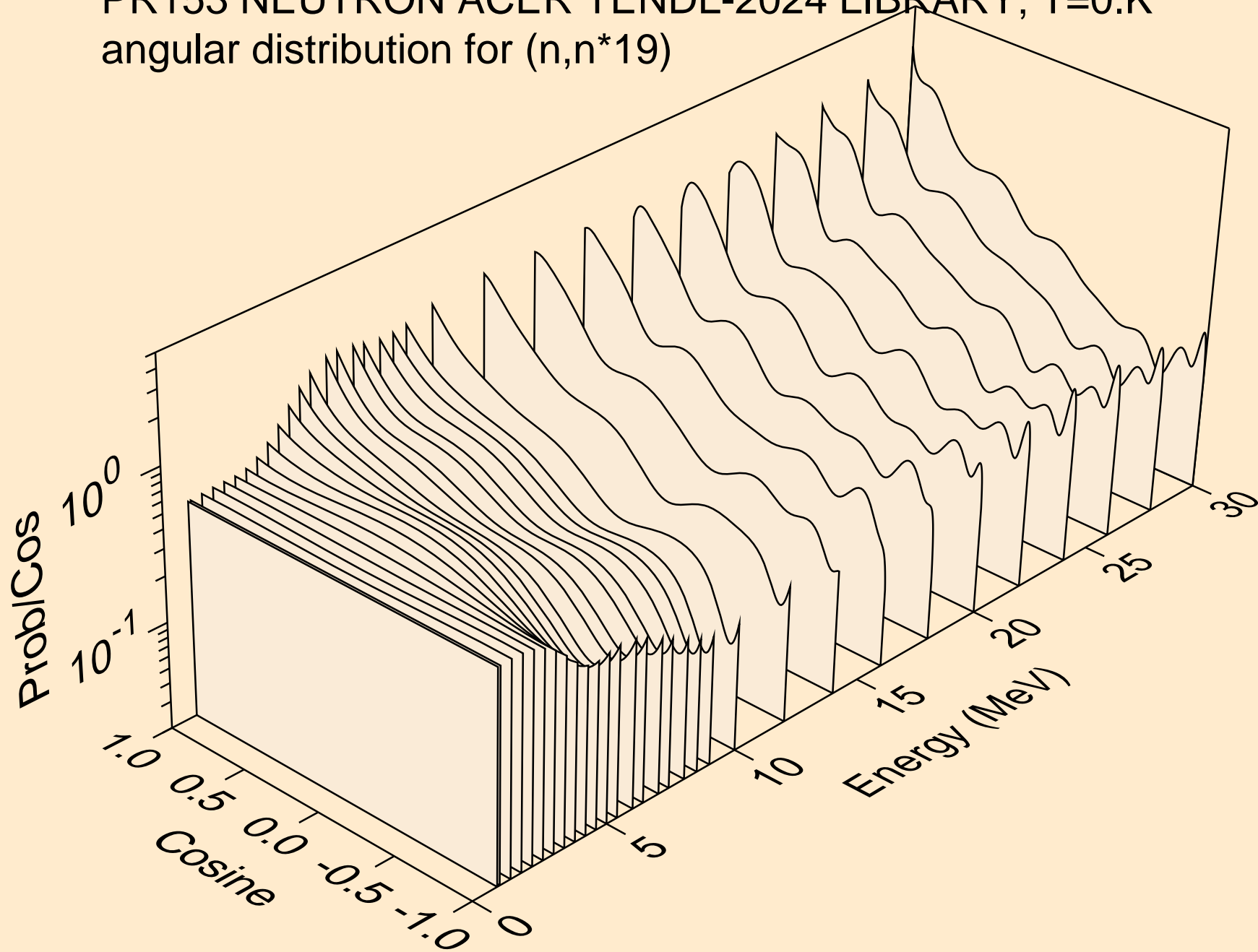
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)

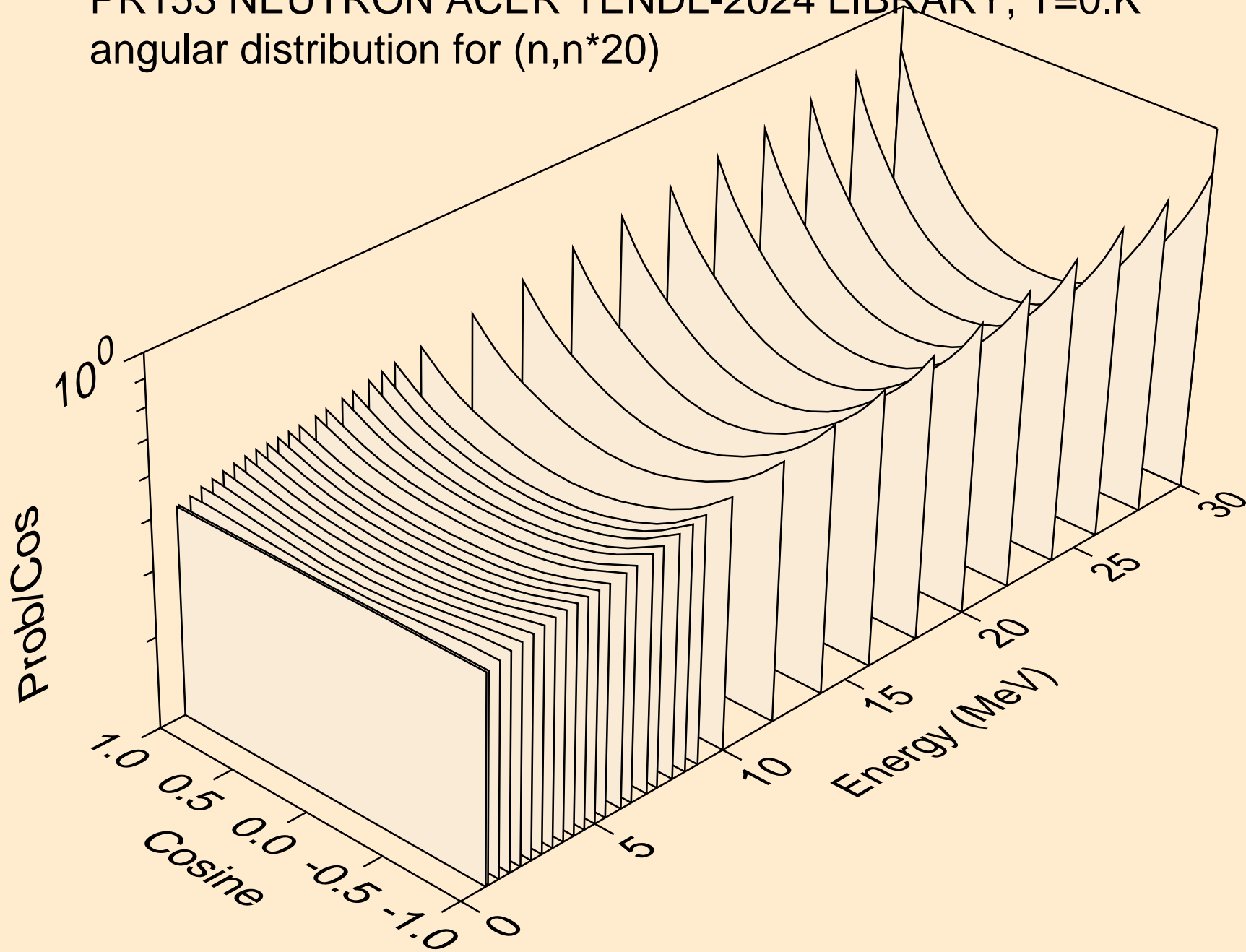


PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*19)

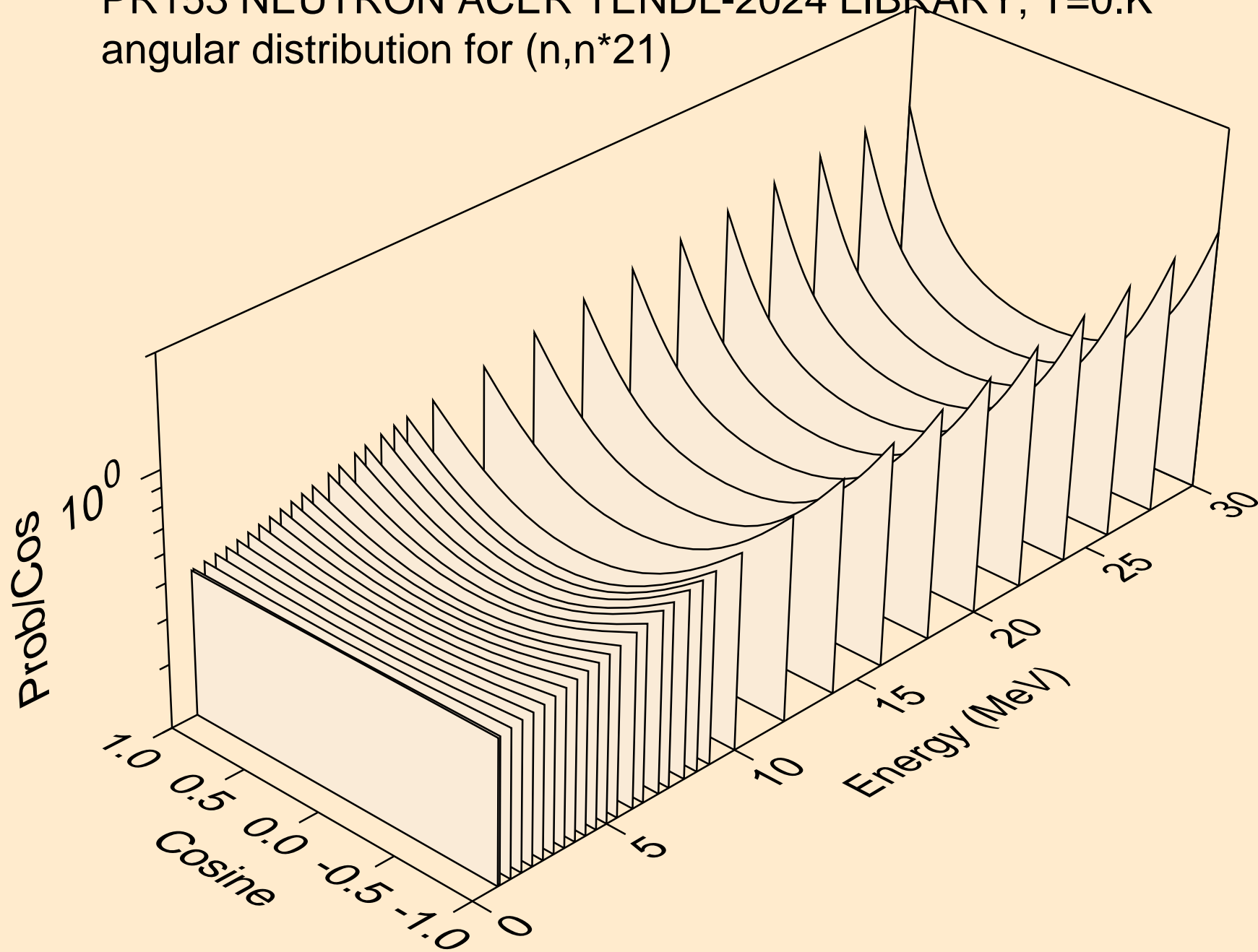




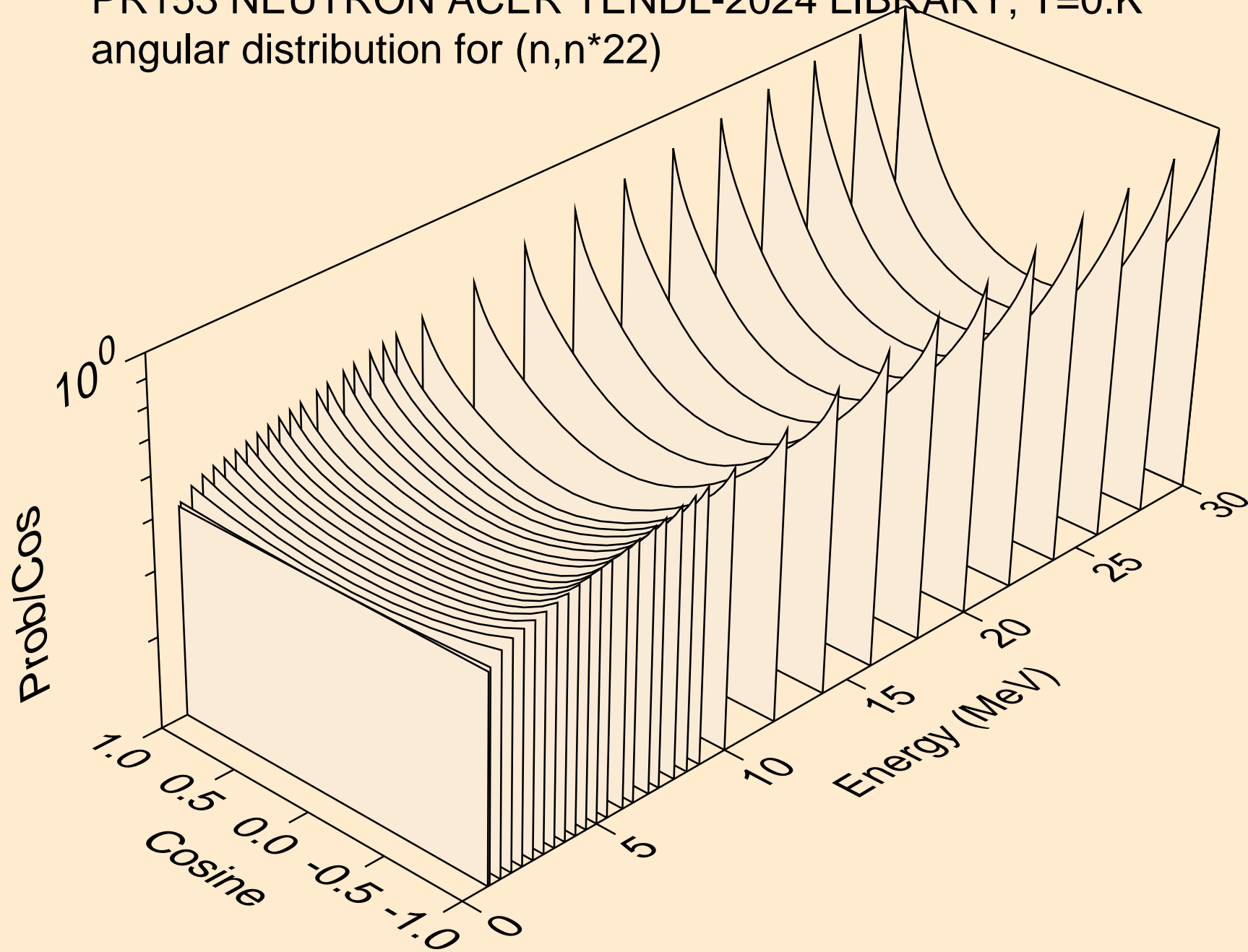
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



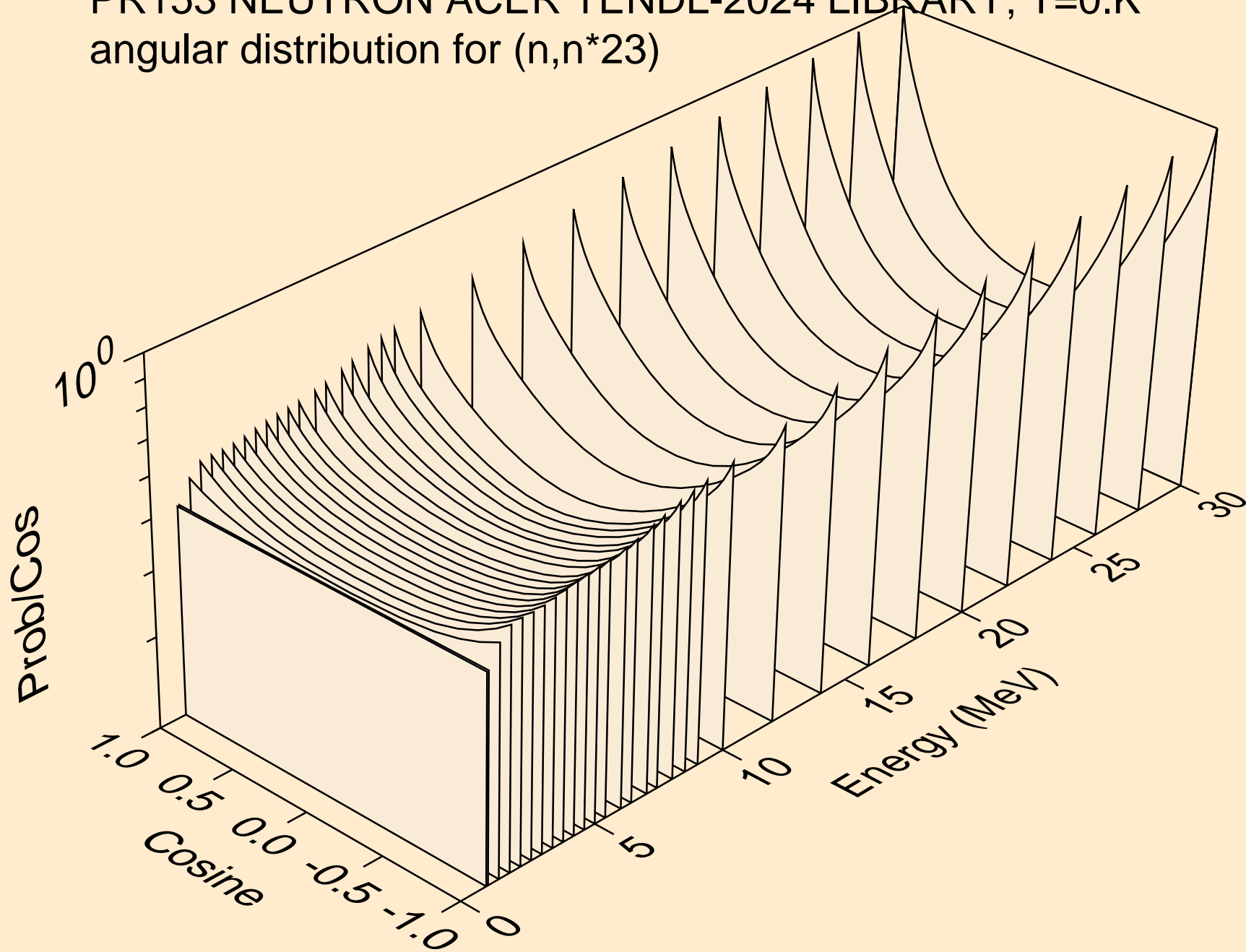
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*21)



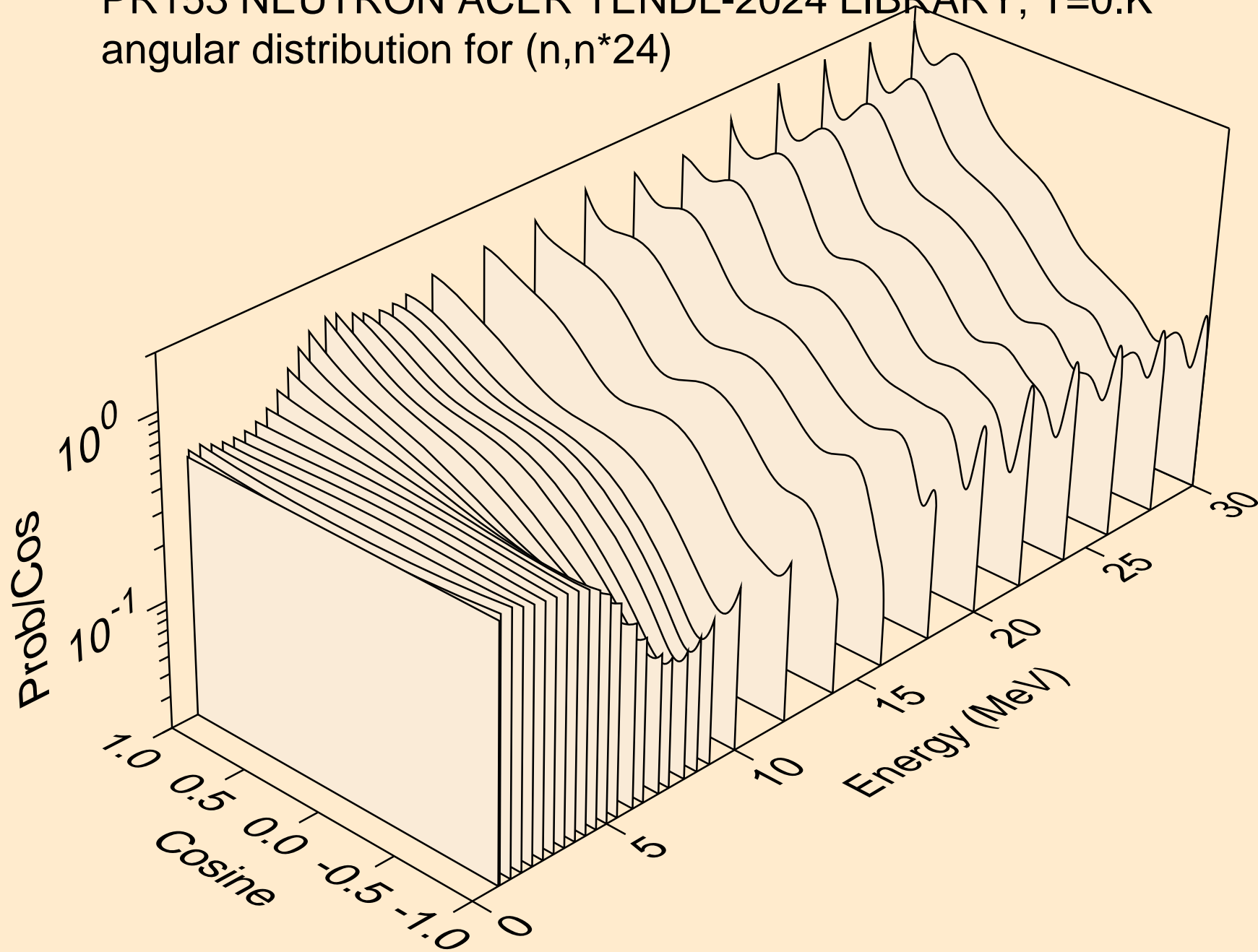
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*22)



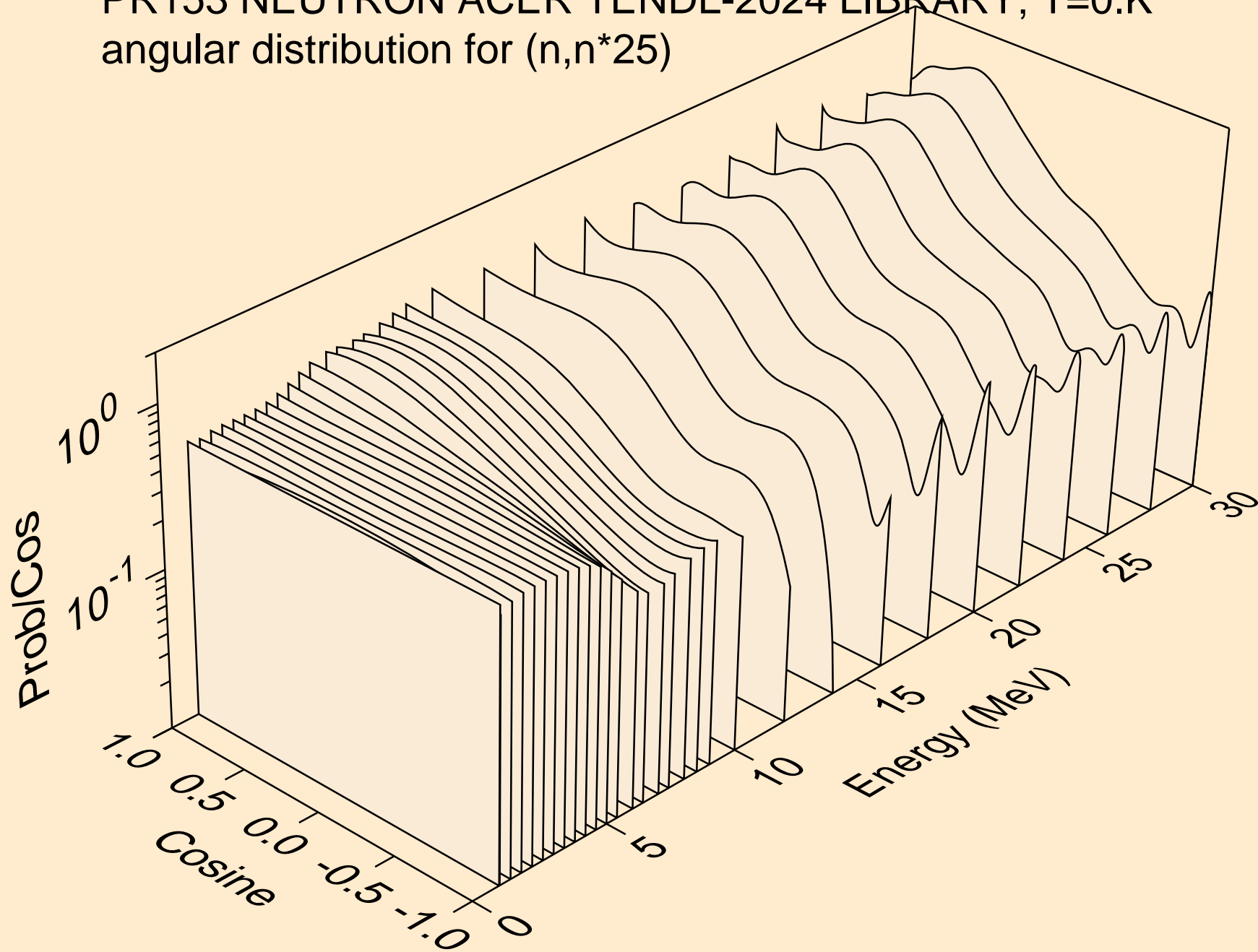
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*23)



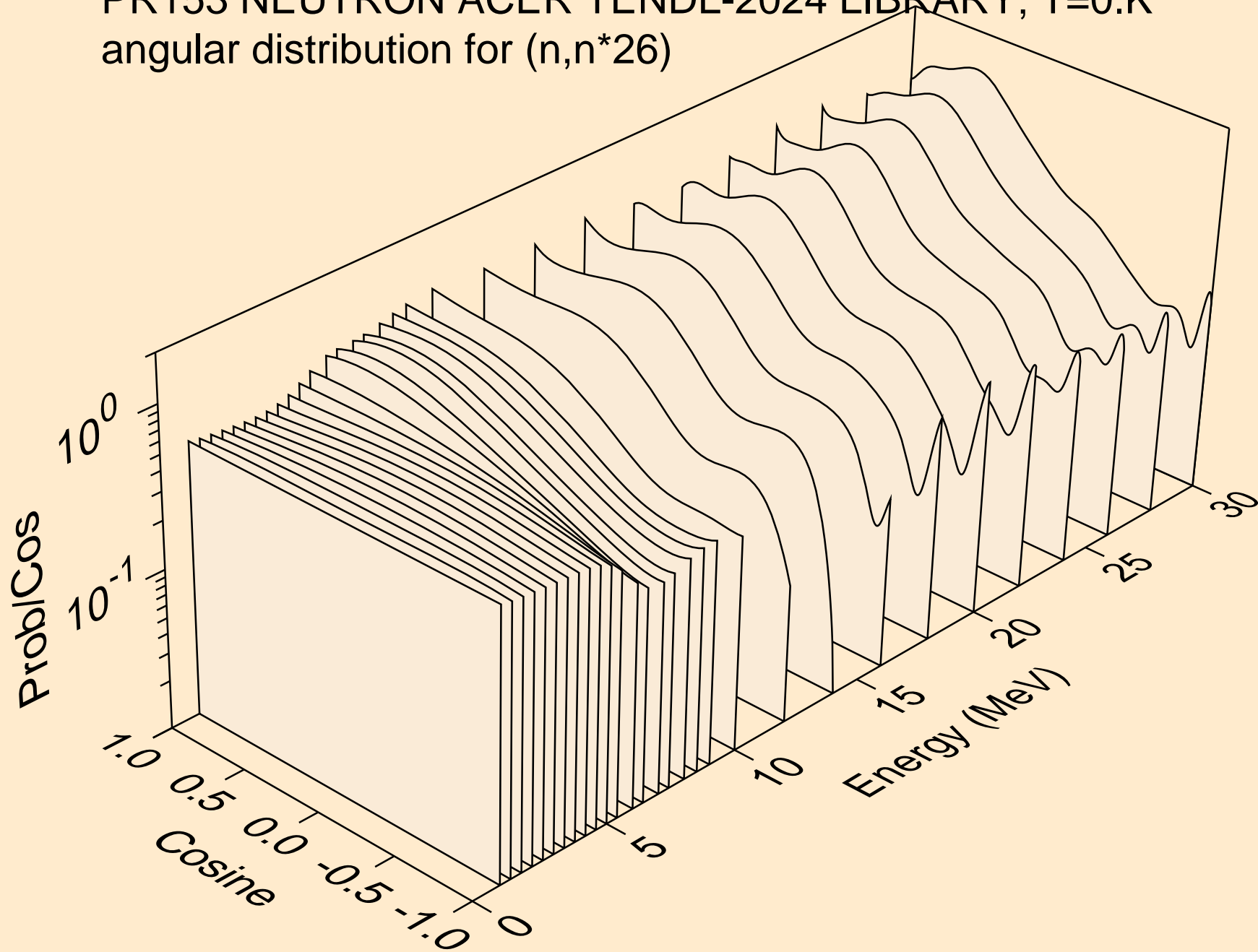
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*24)



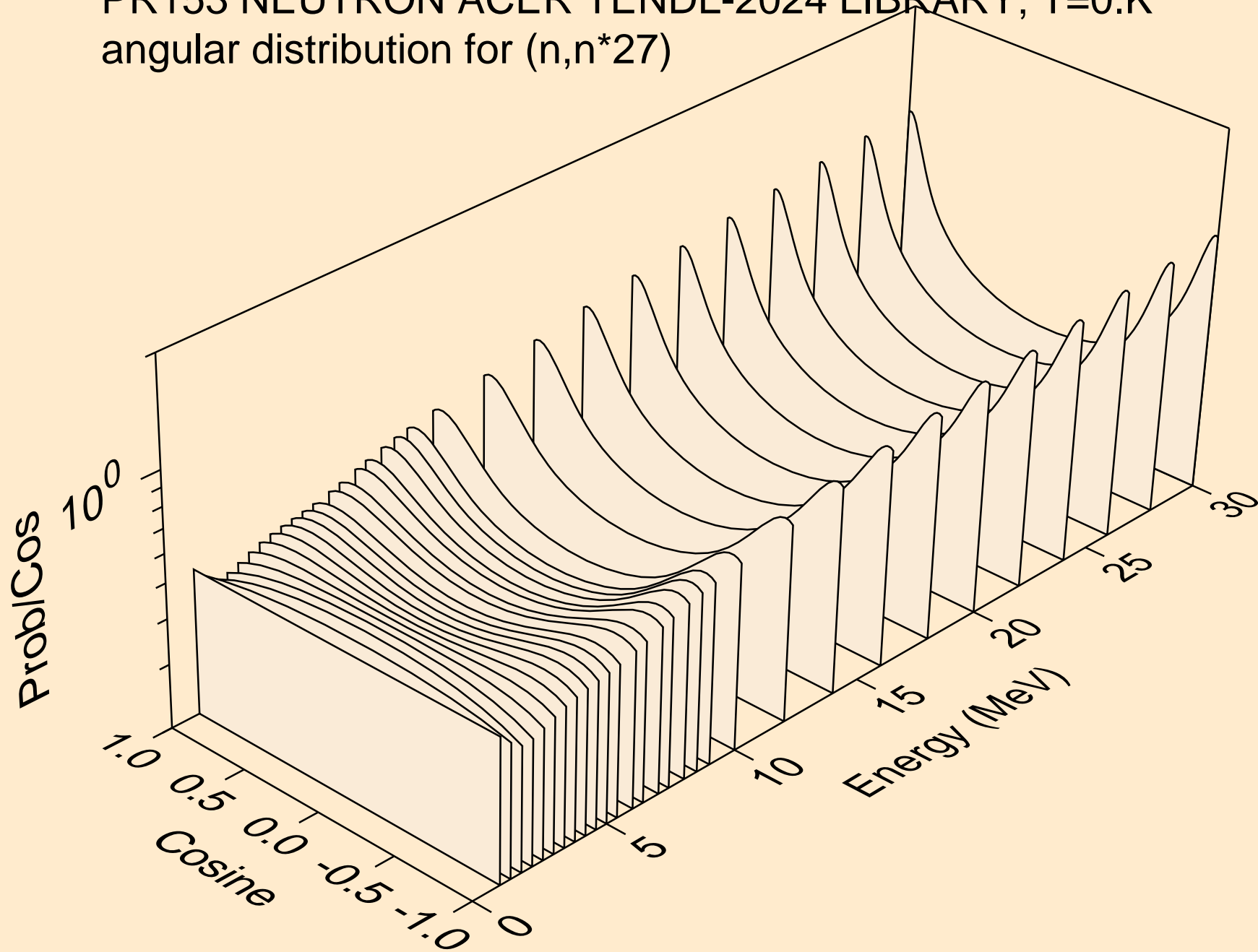
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)

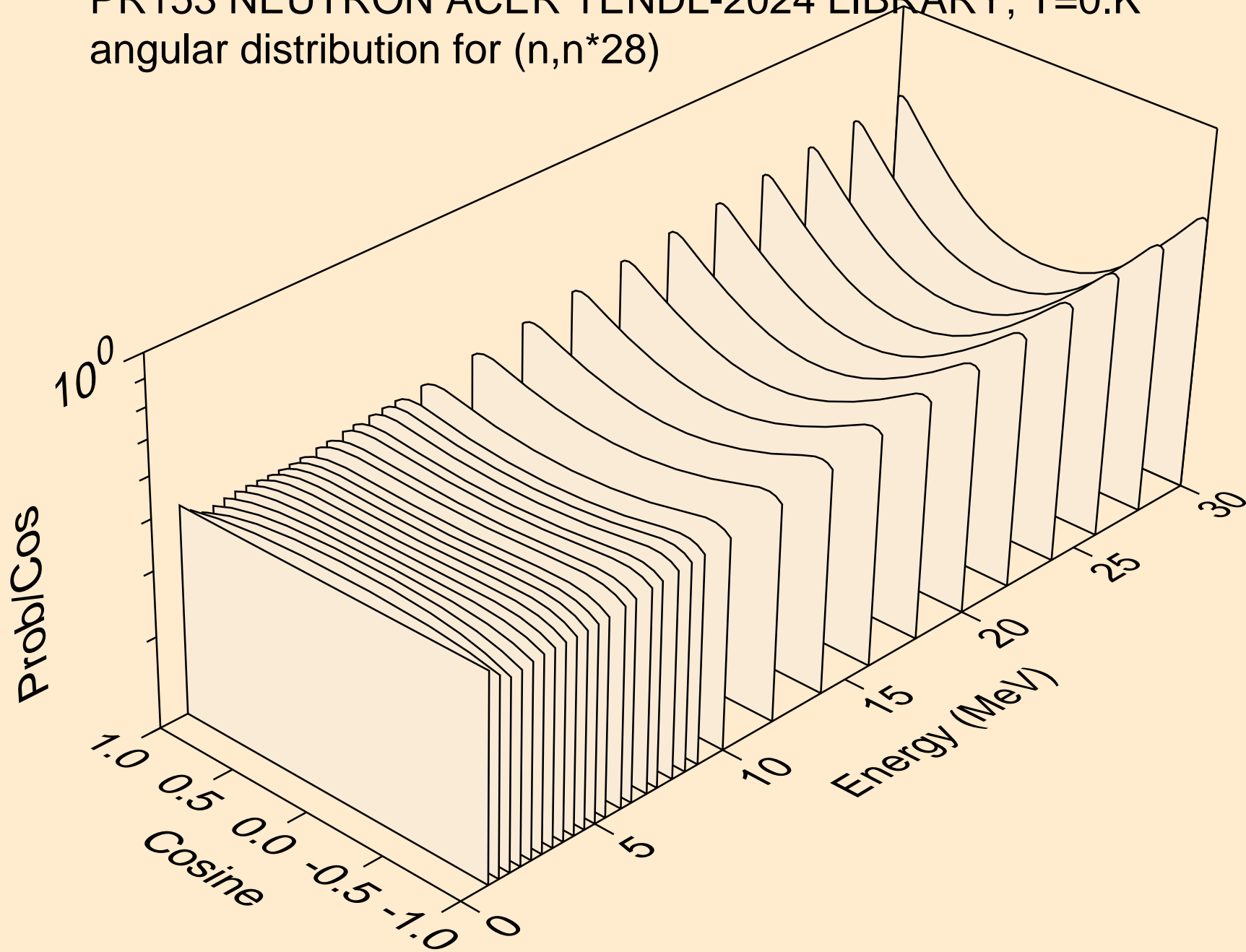


PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)

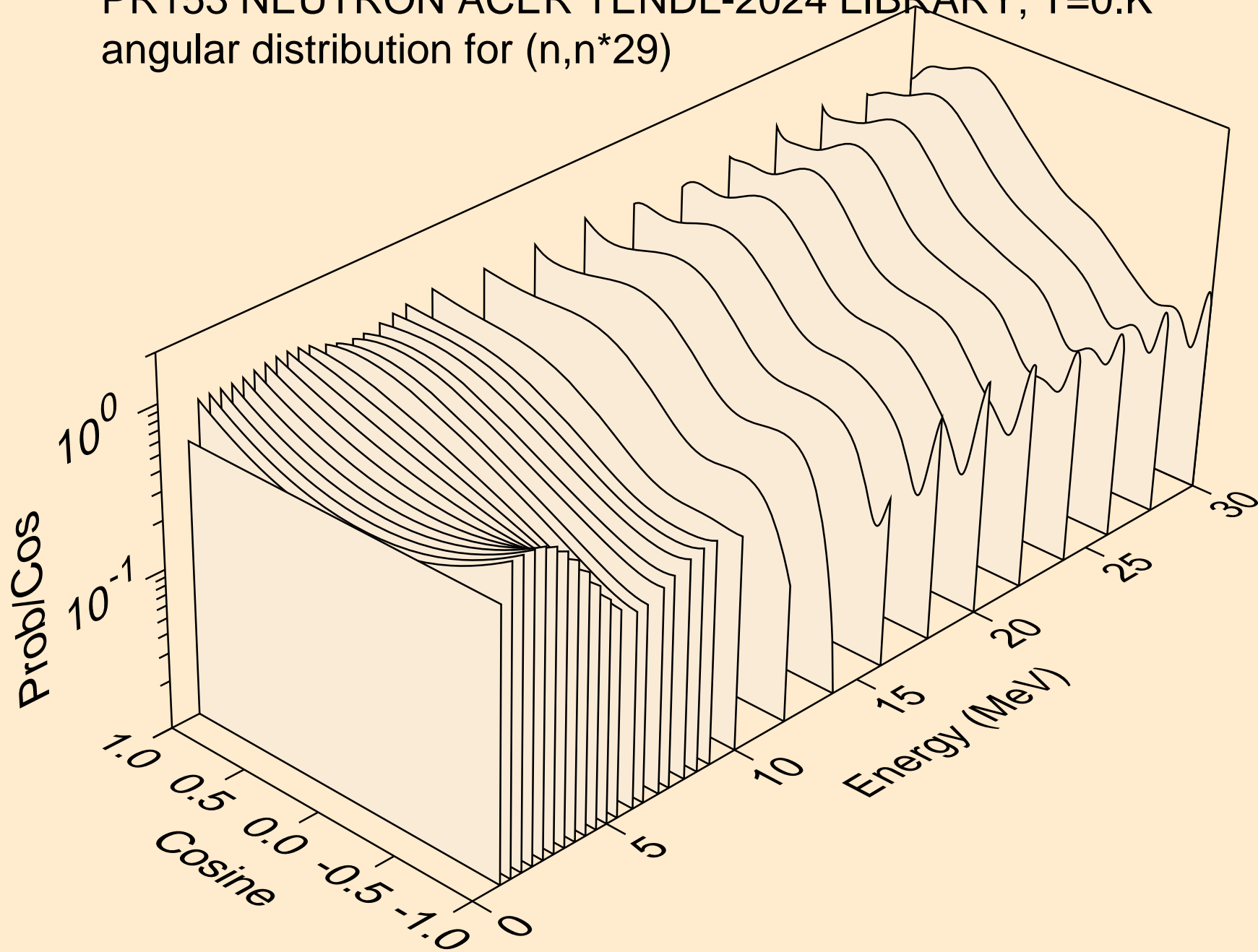




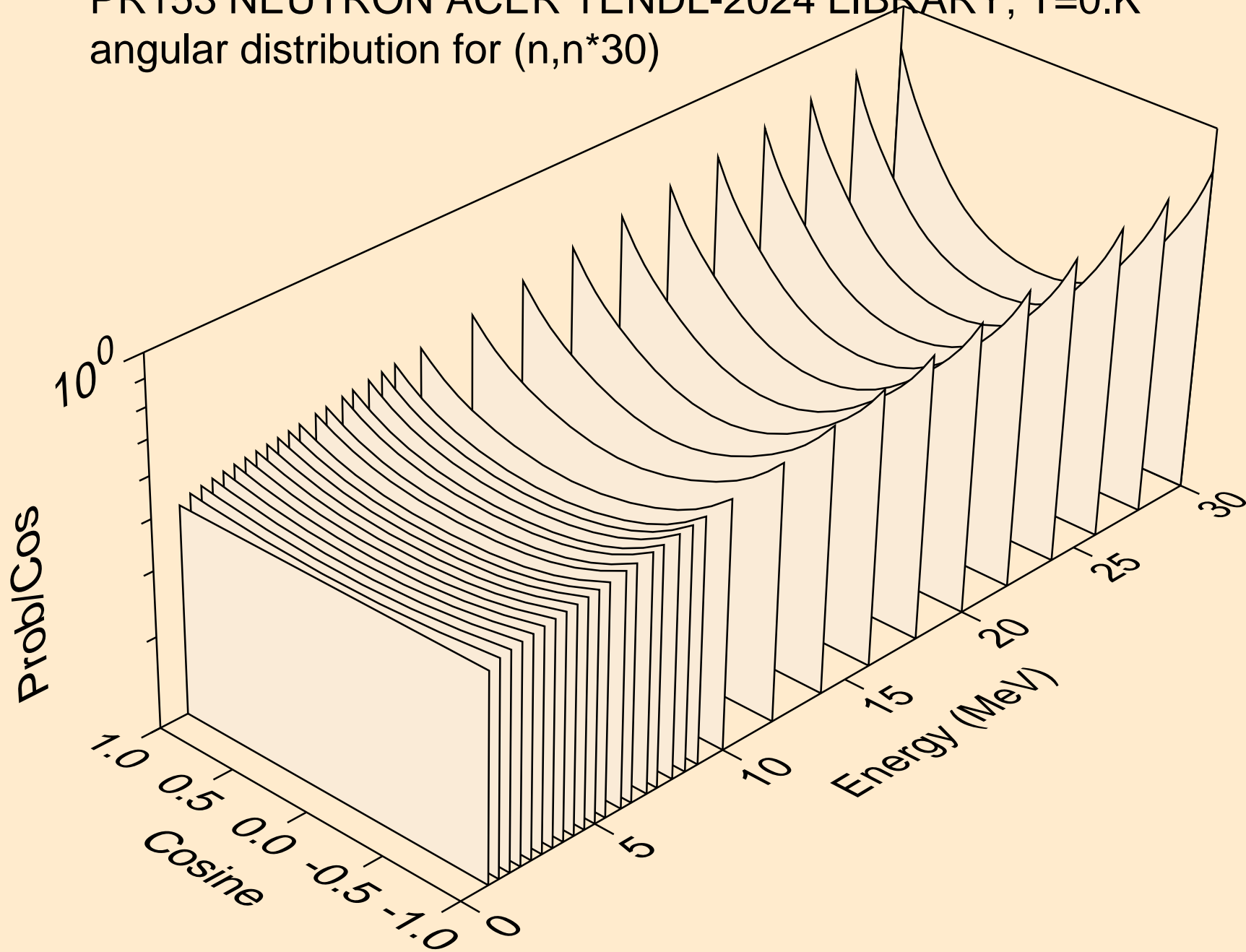
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*28)



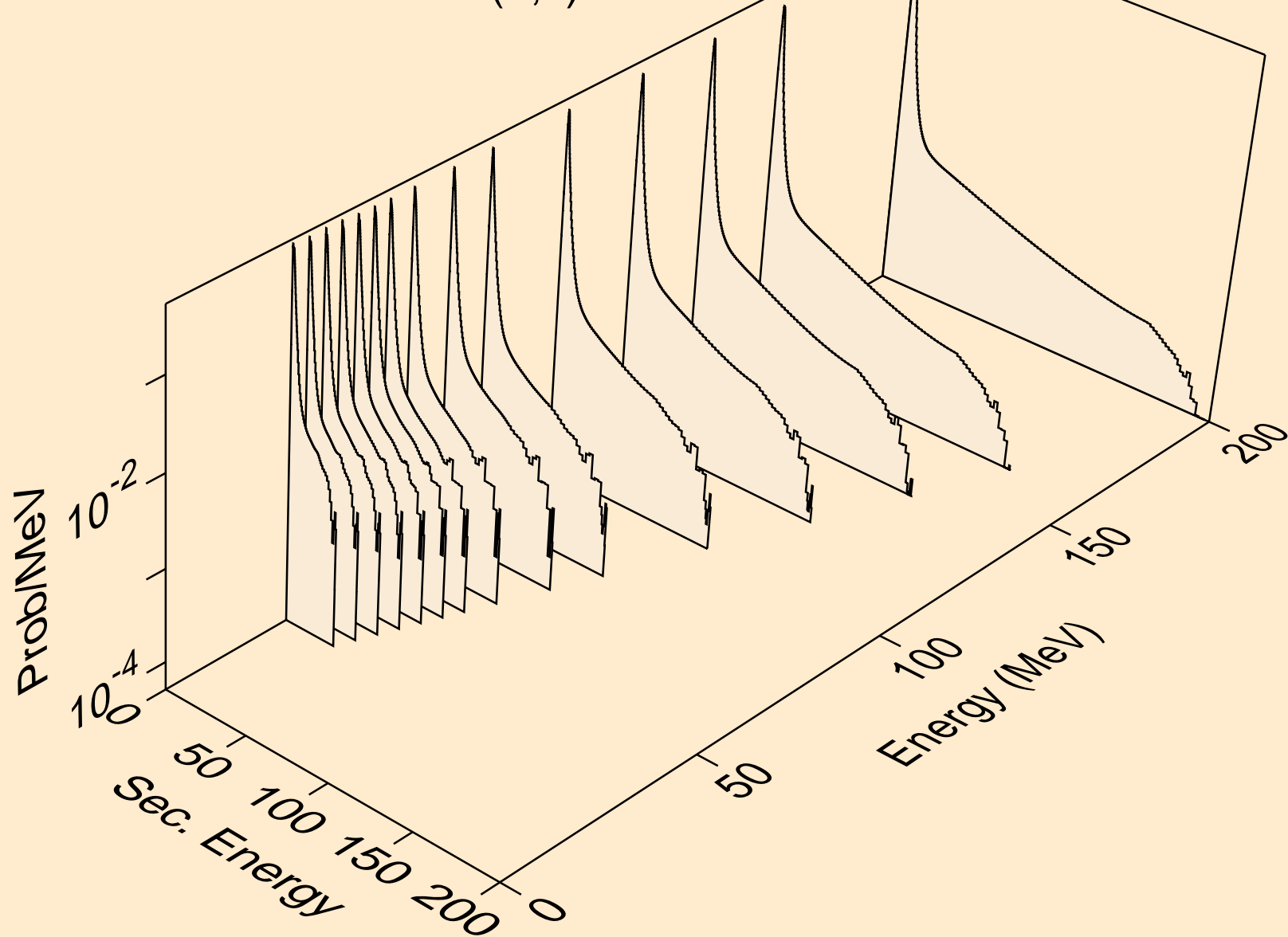
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*29)



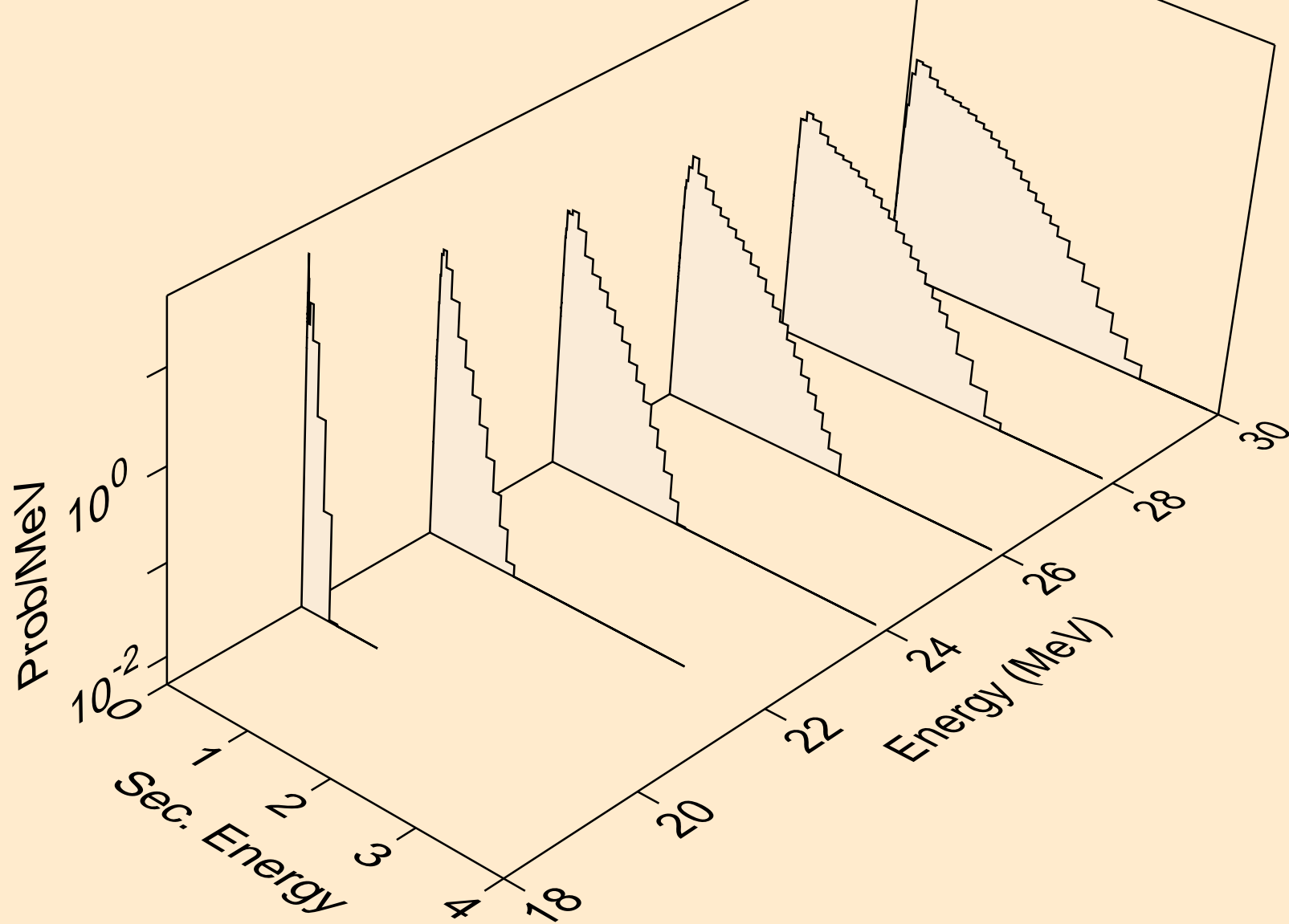
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*30)



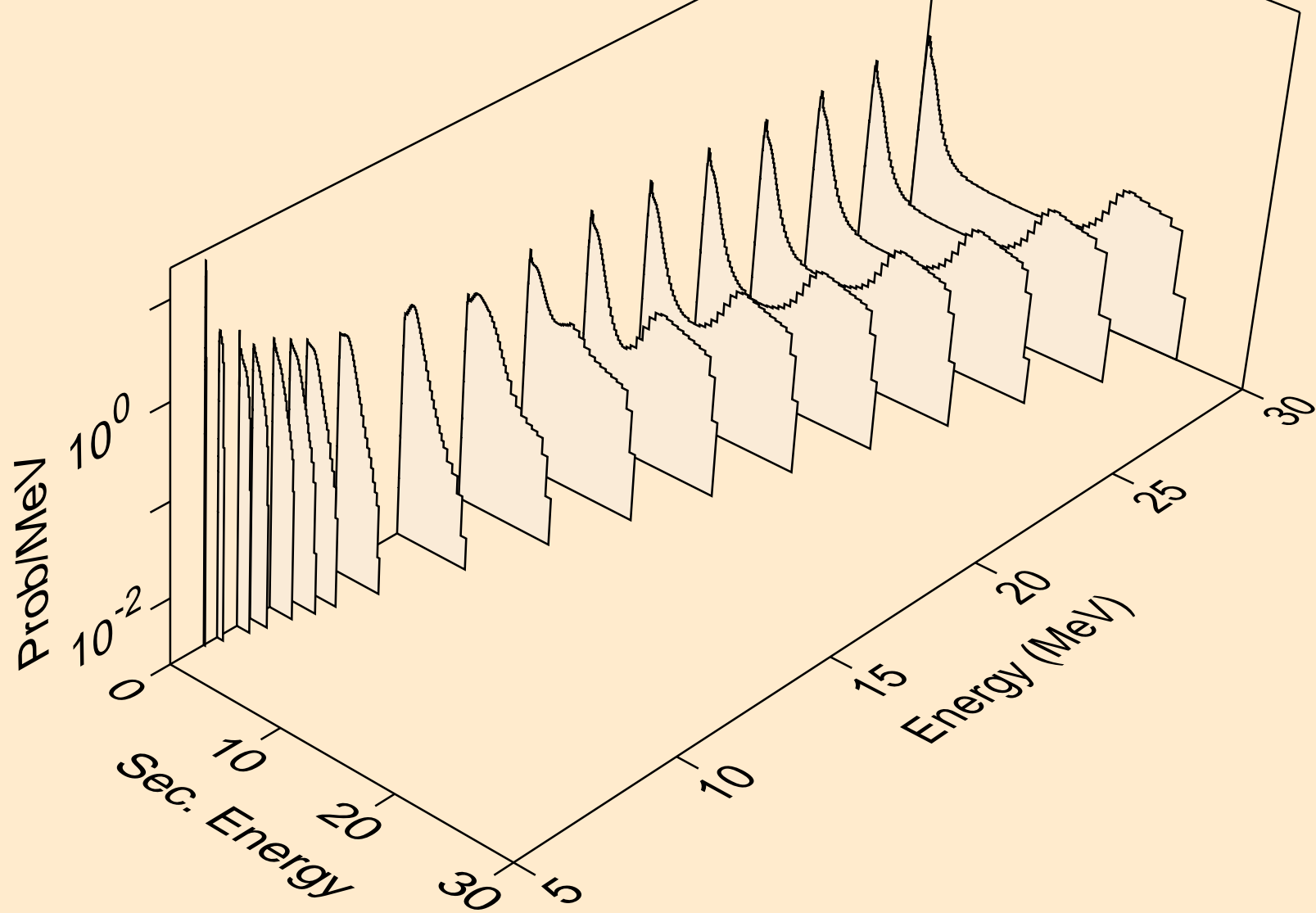
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



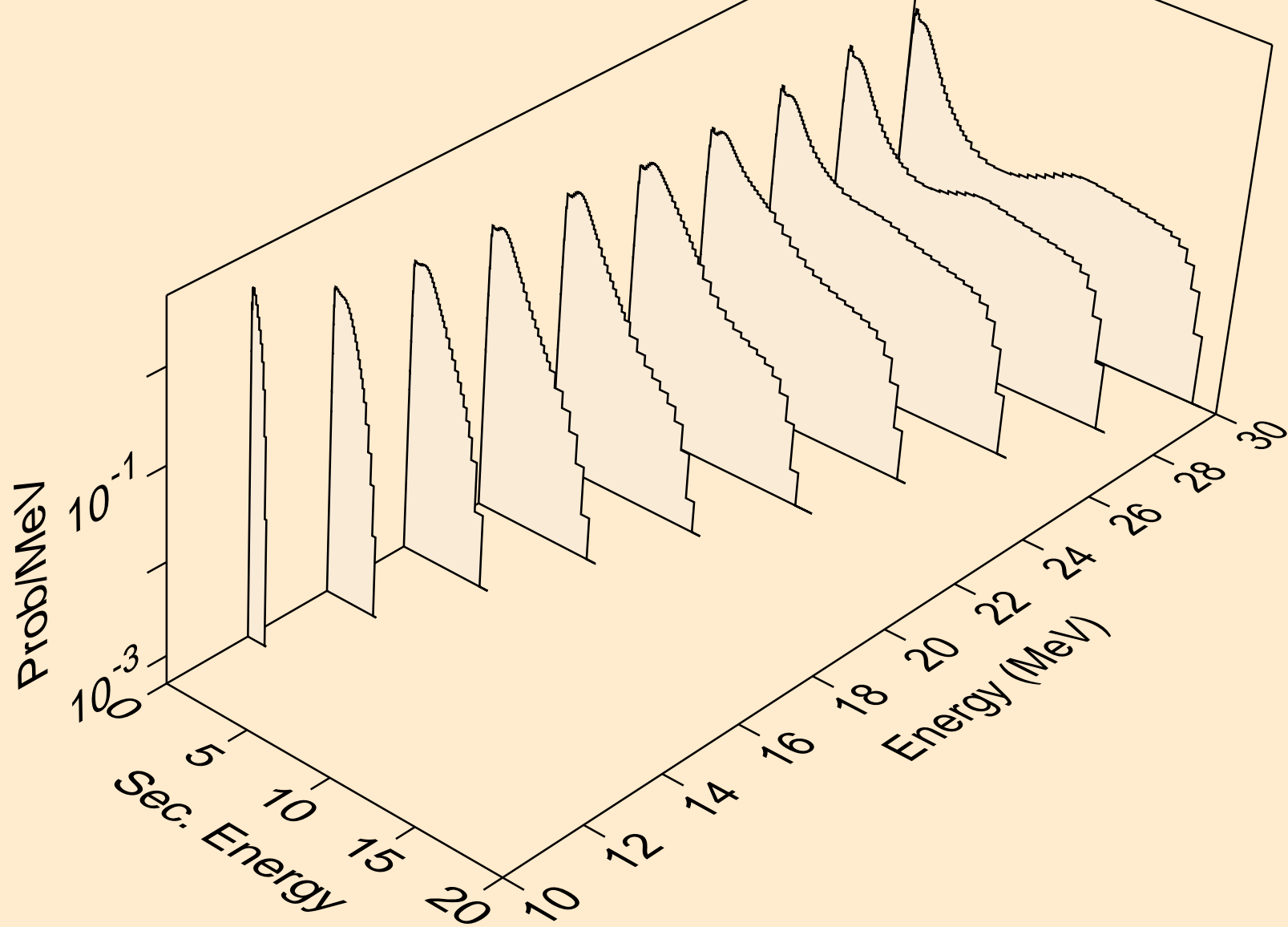
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



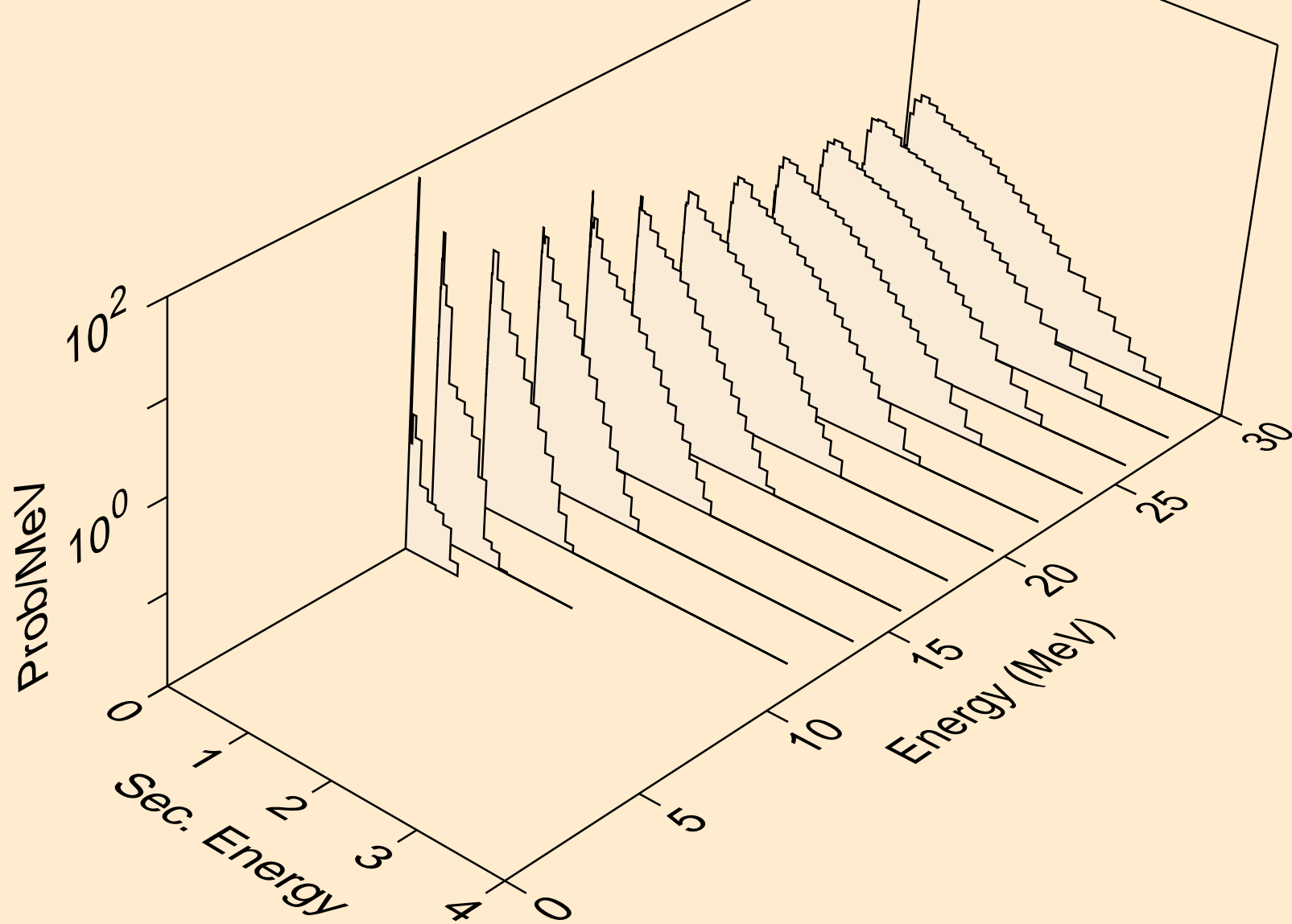
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)

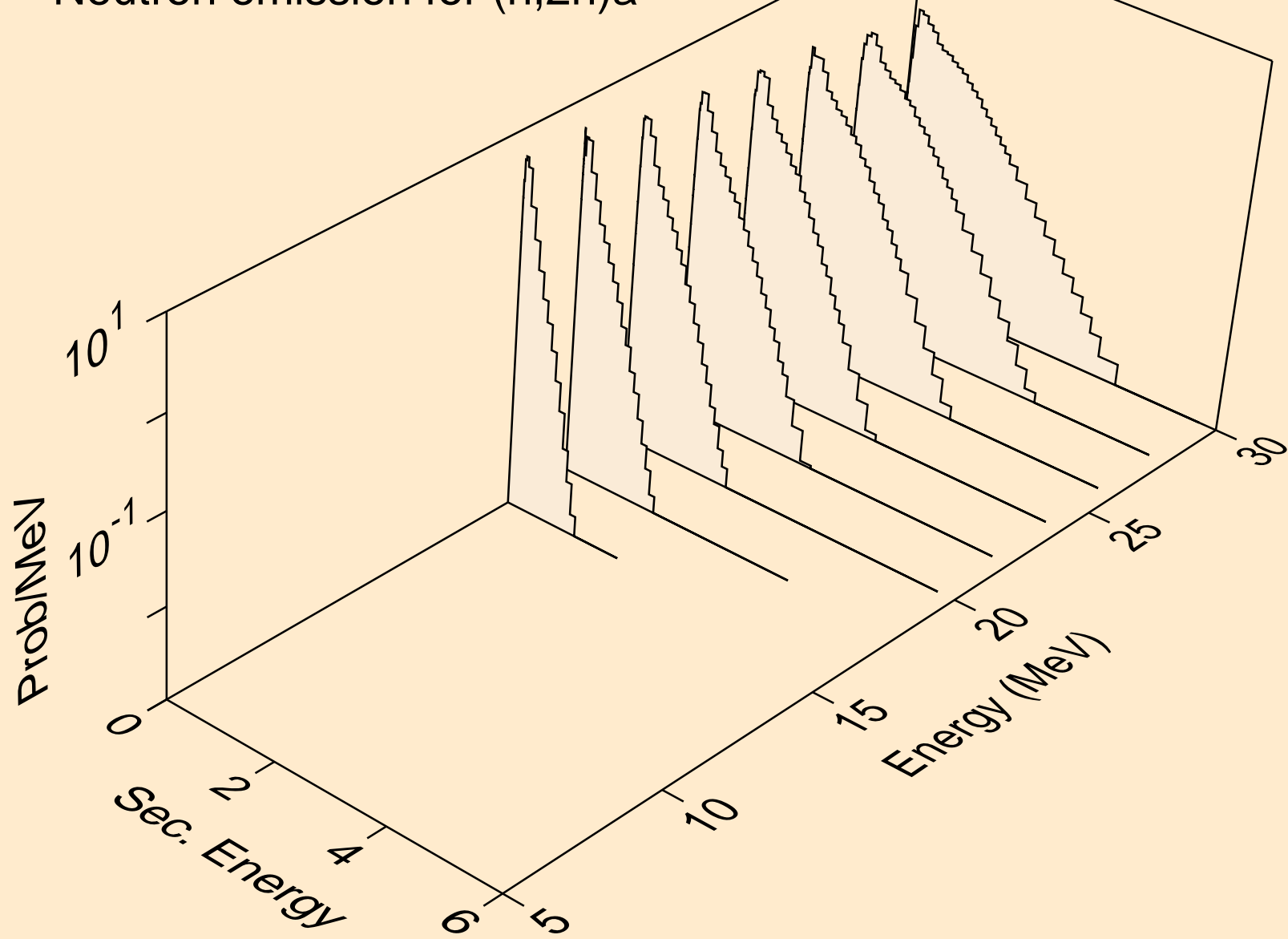


PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a

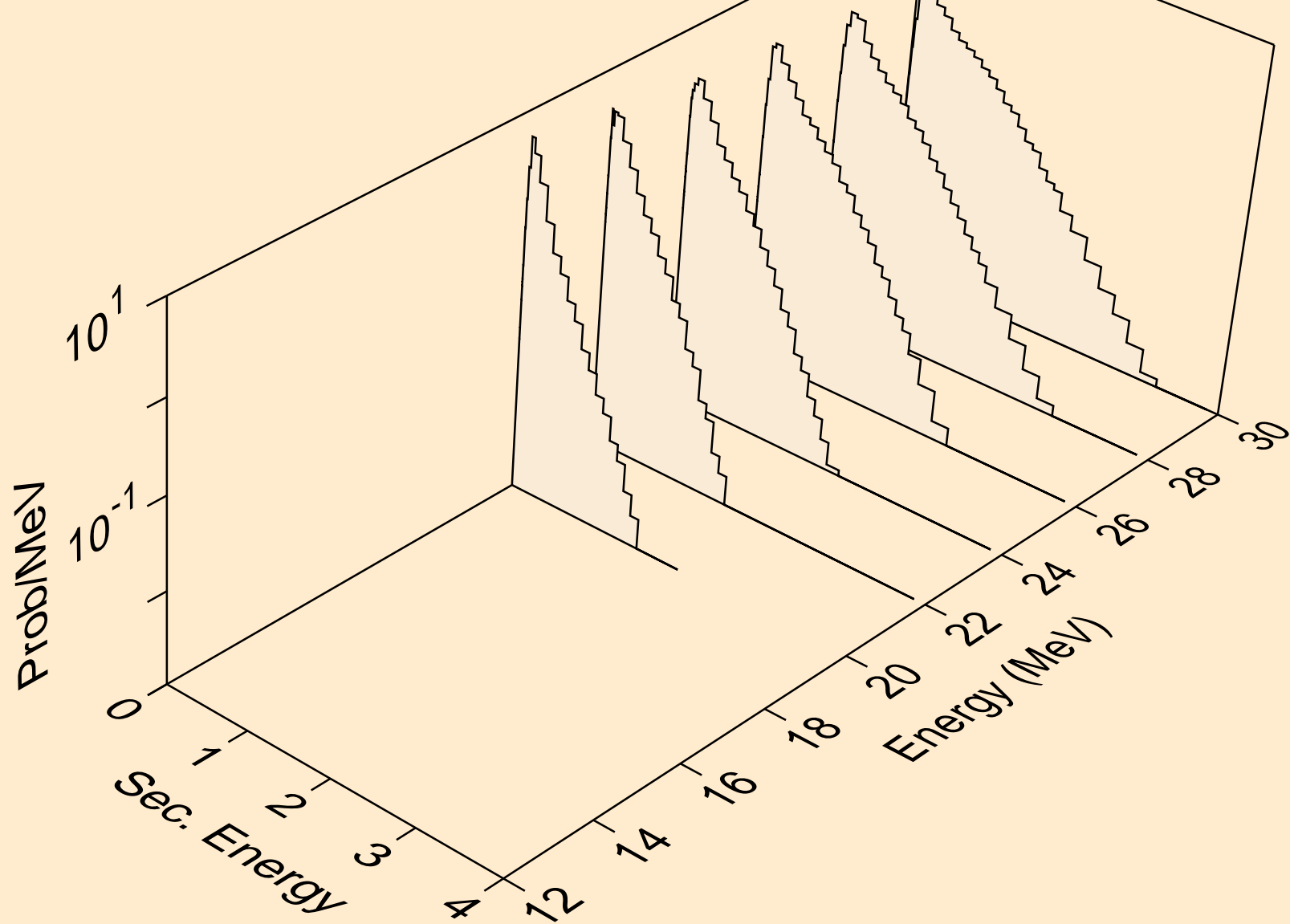




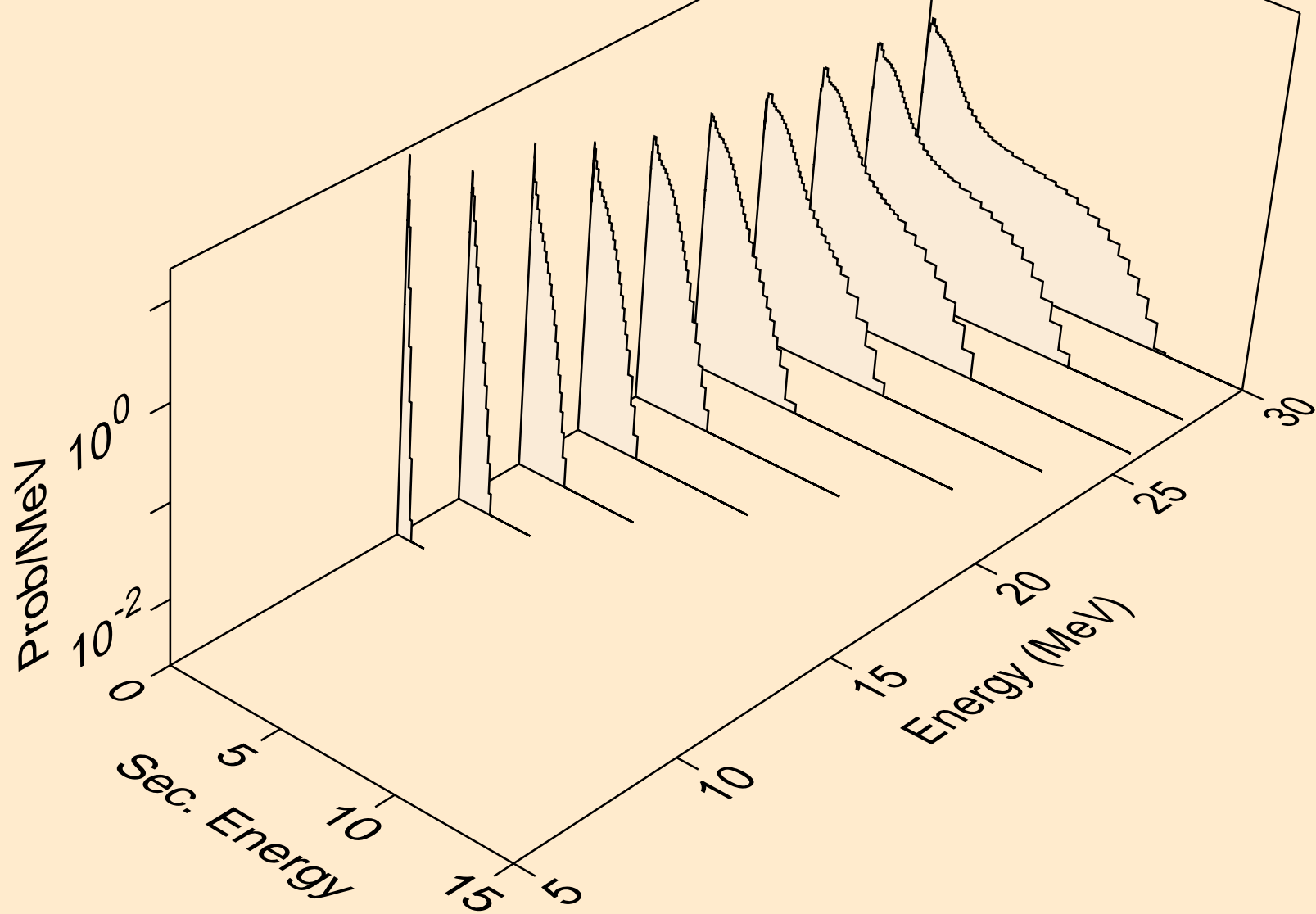
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



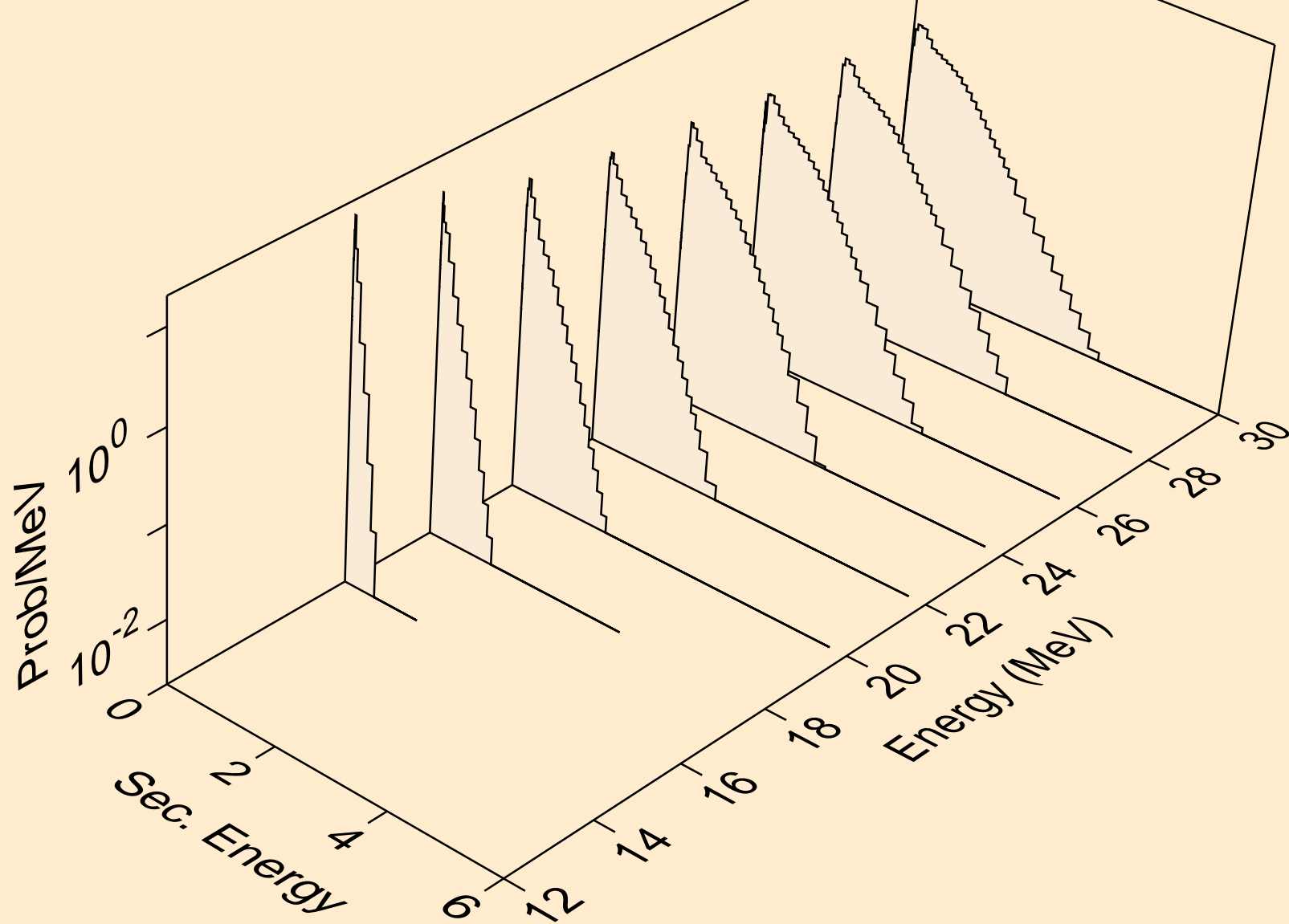
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



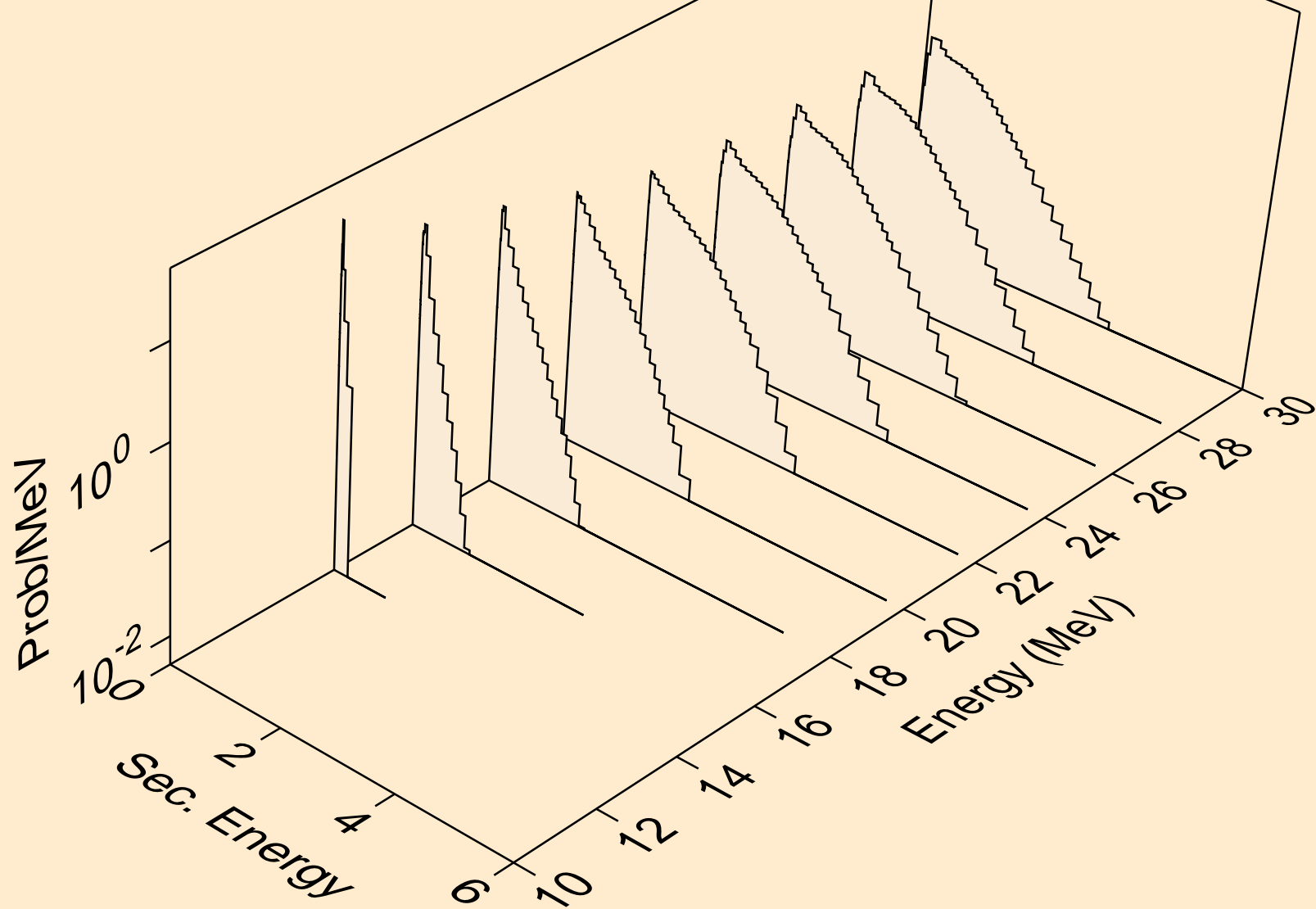
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



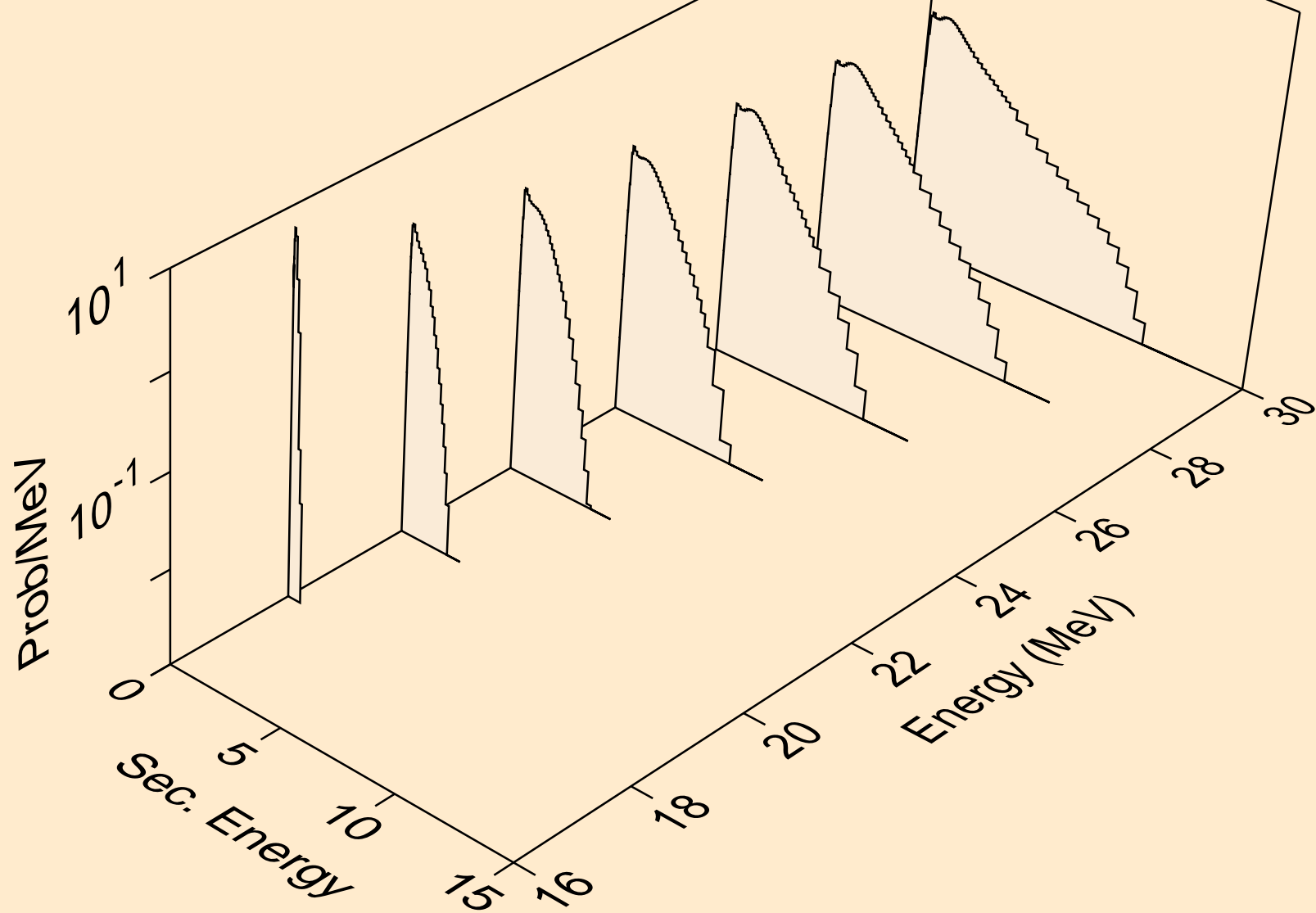
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



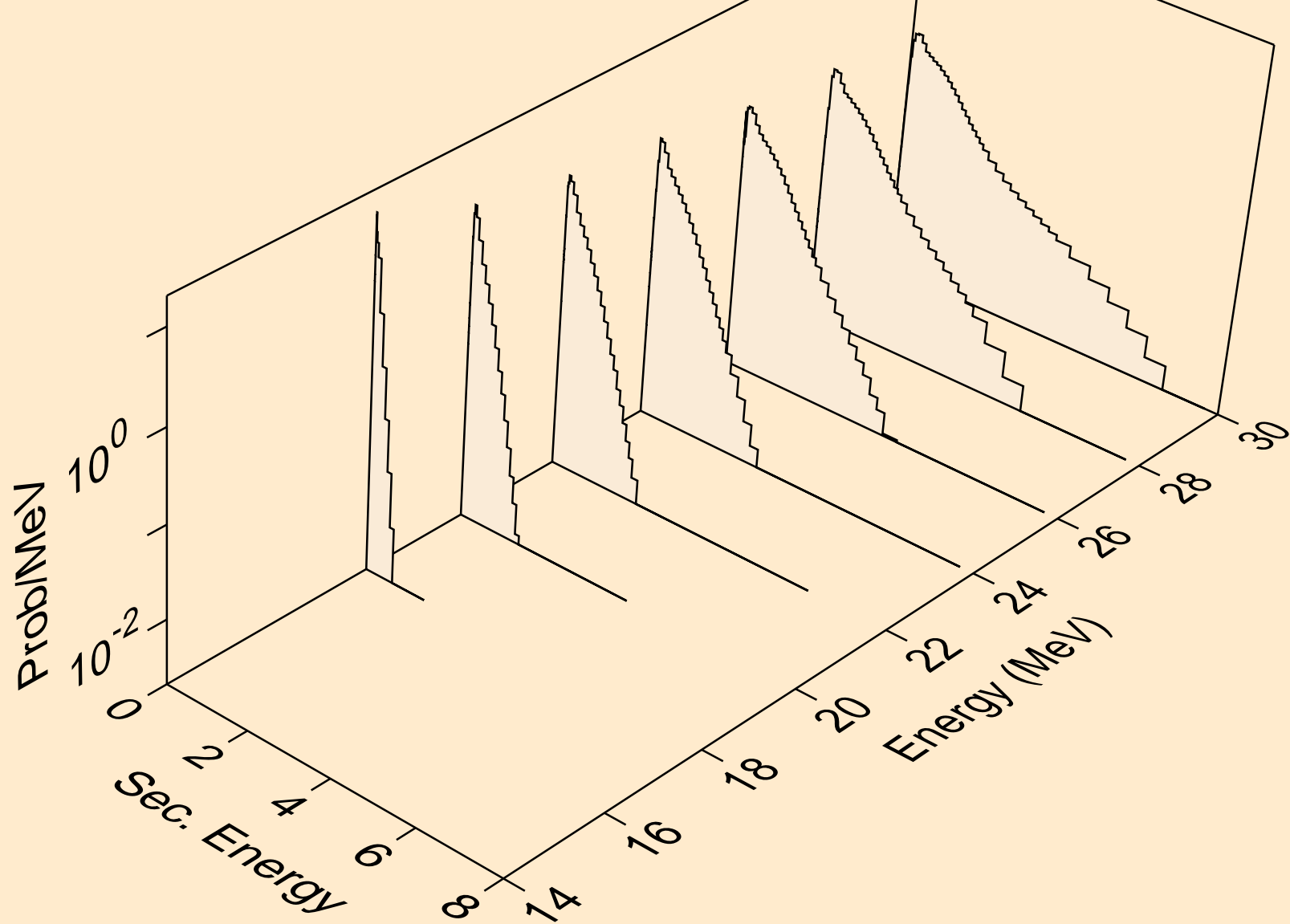
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



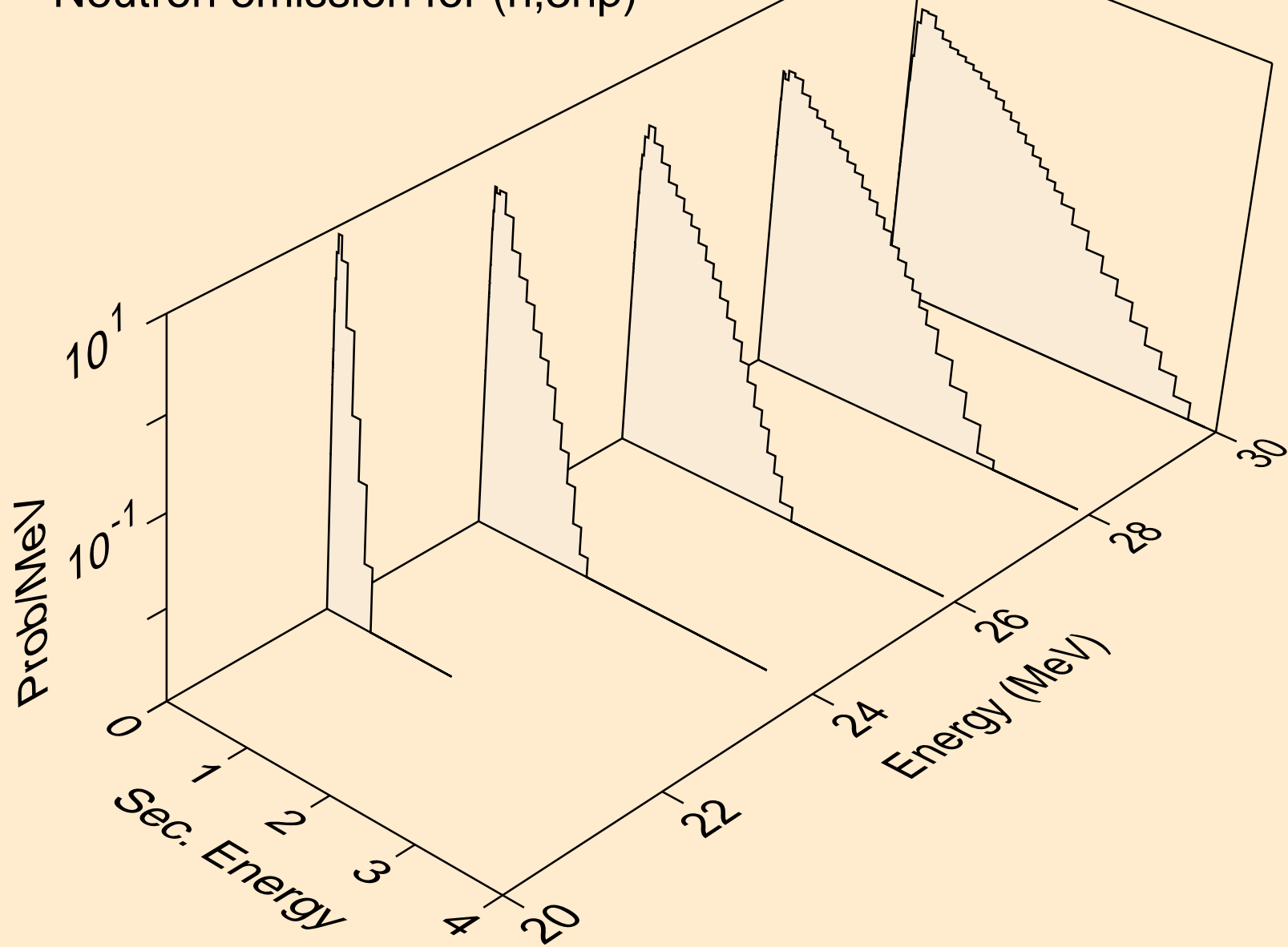
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)

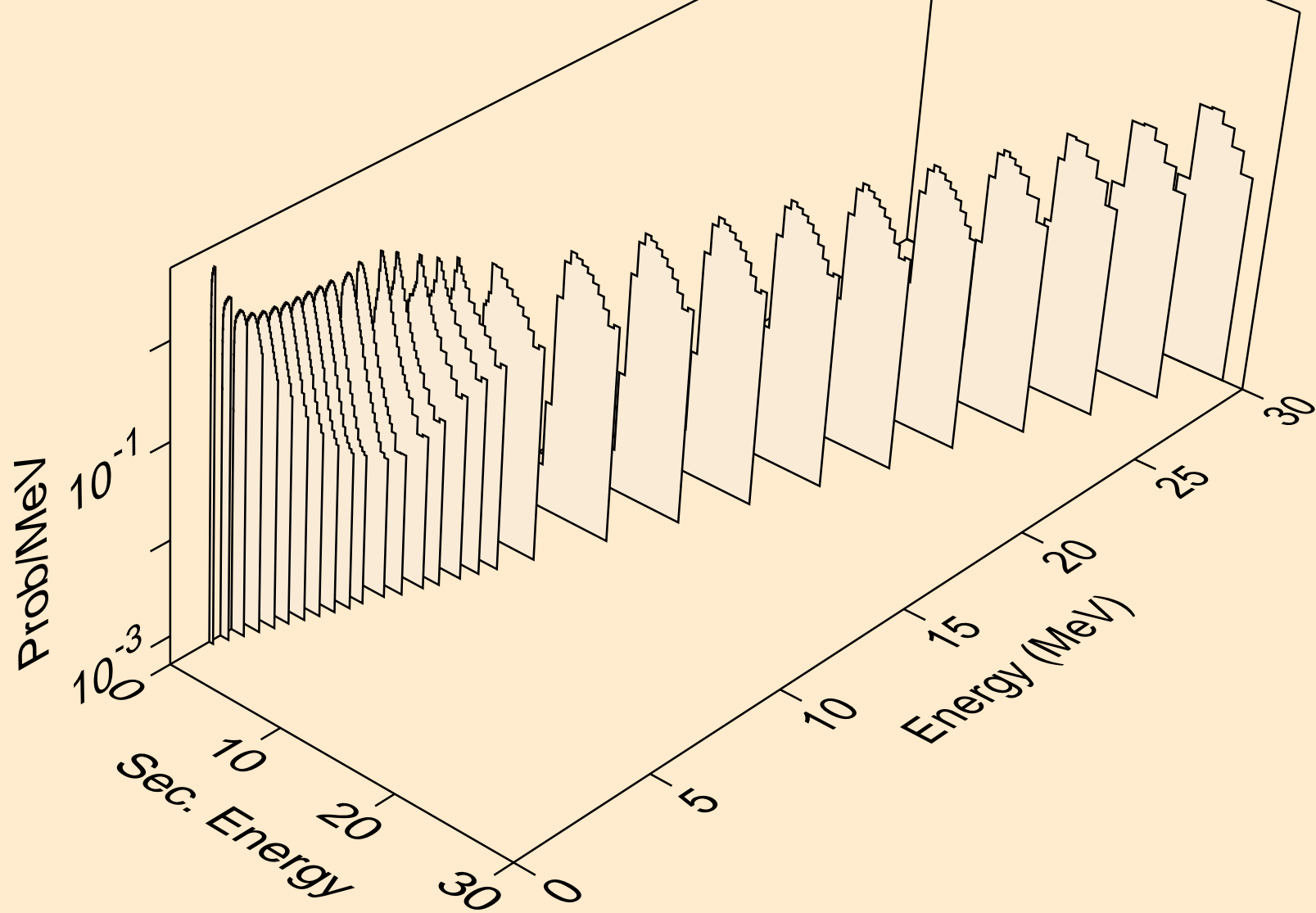


PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)

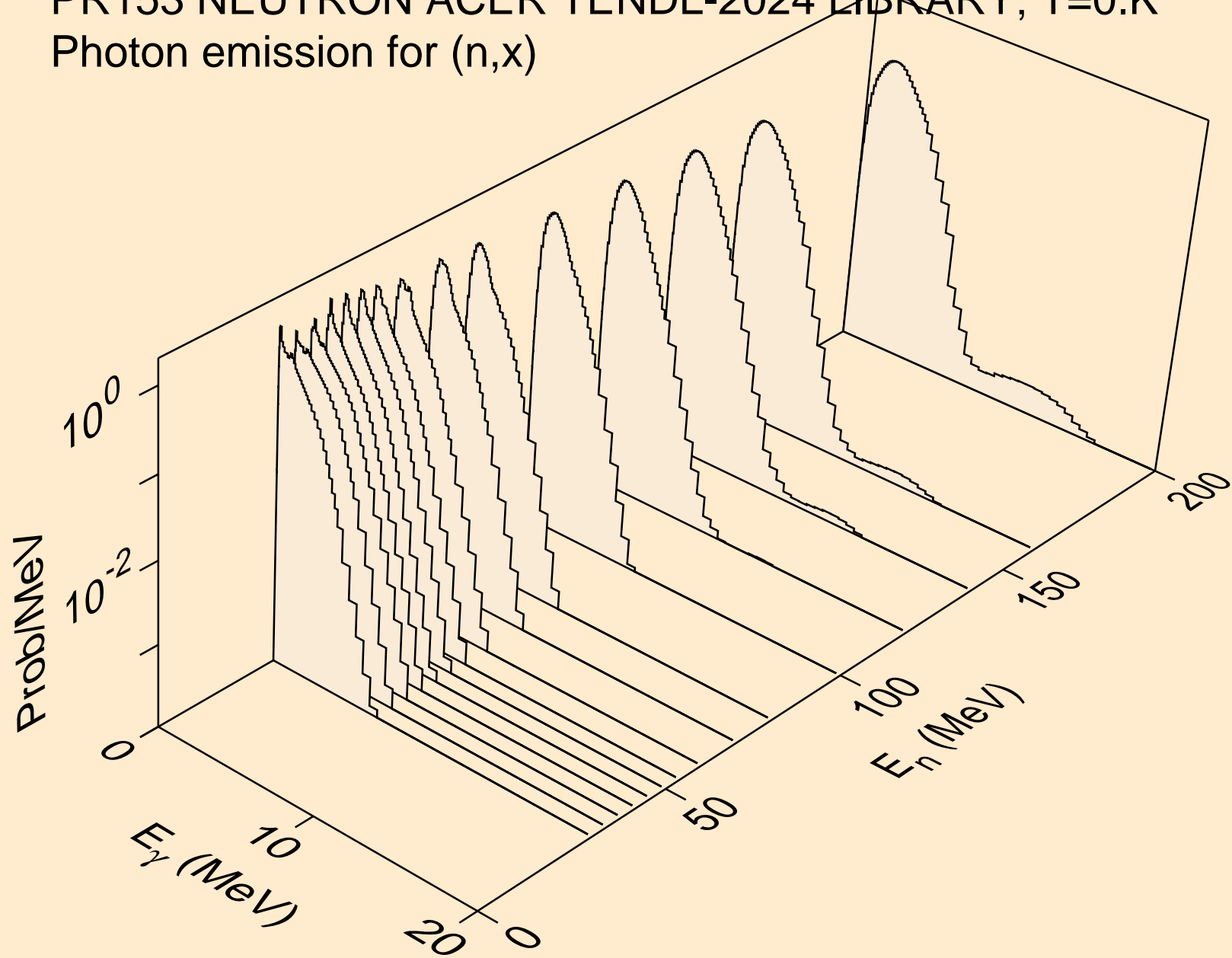




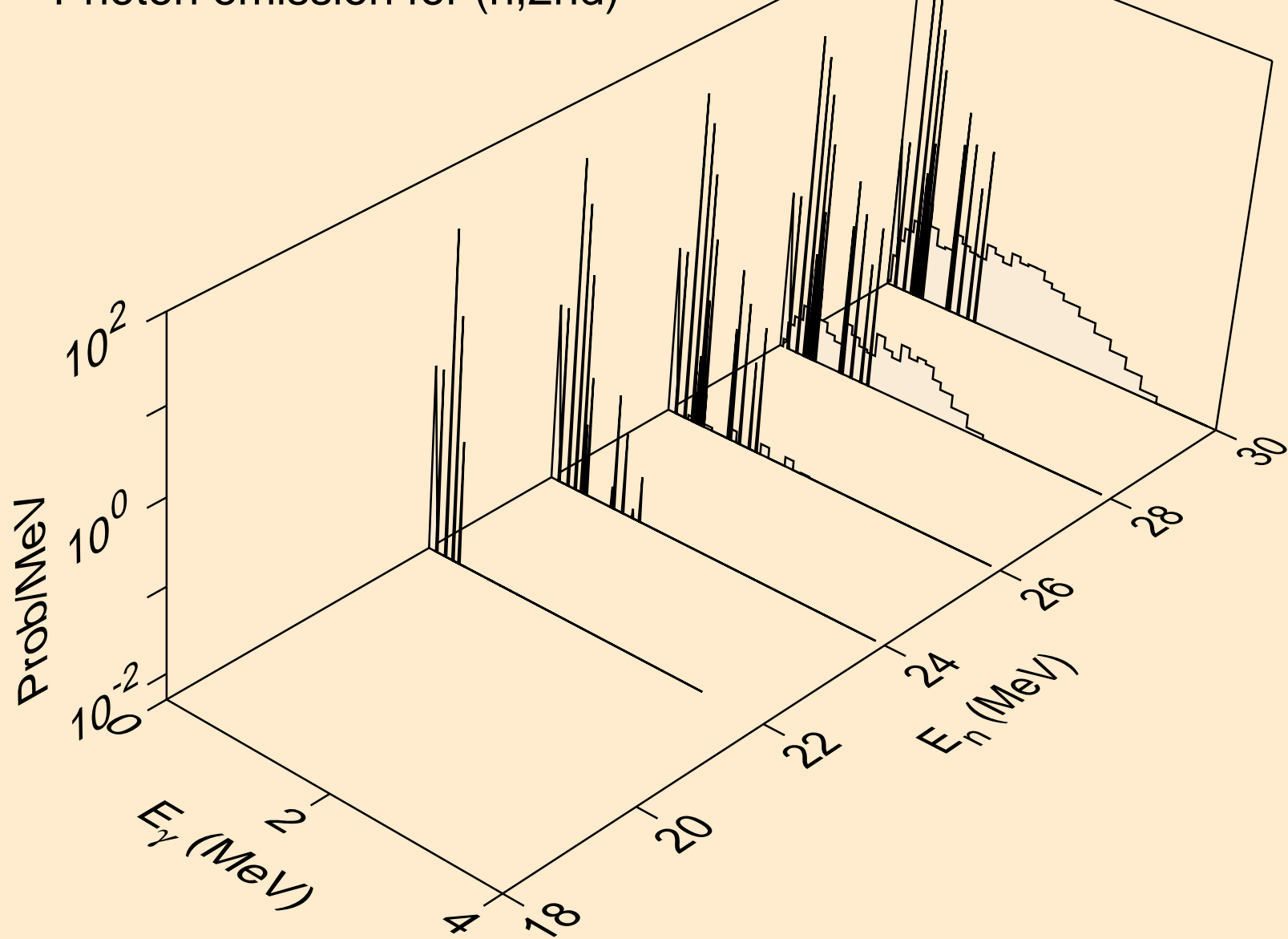
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



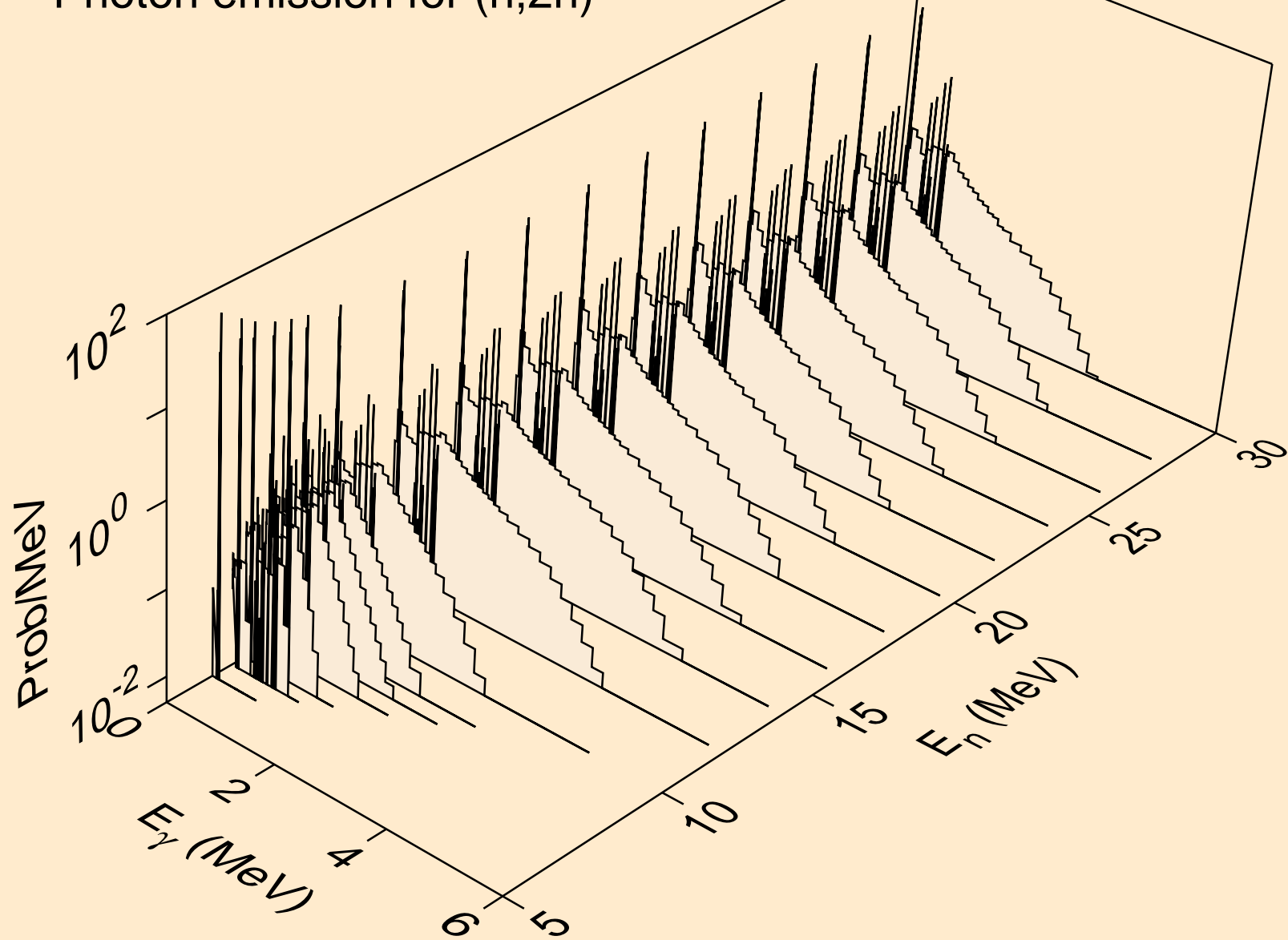
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



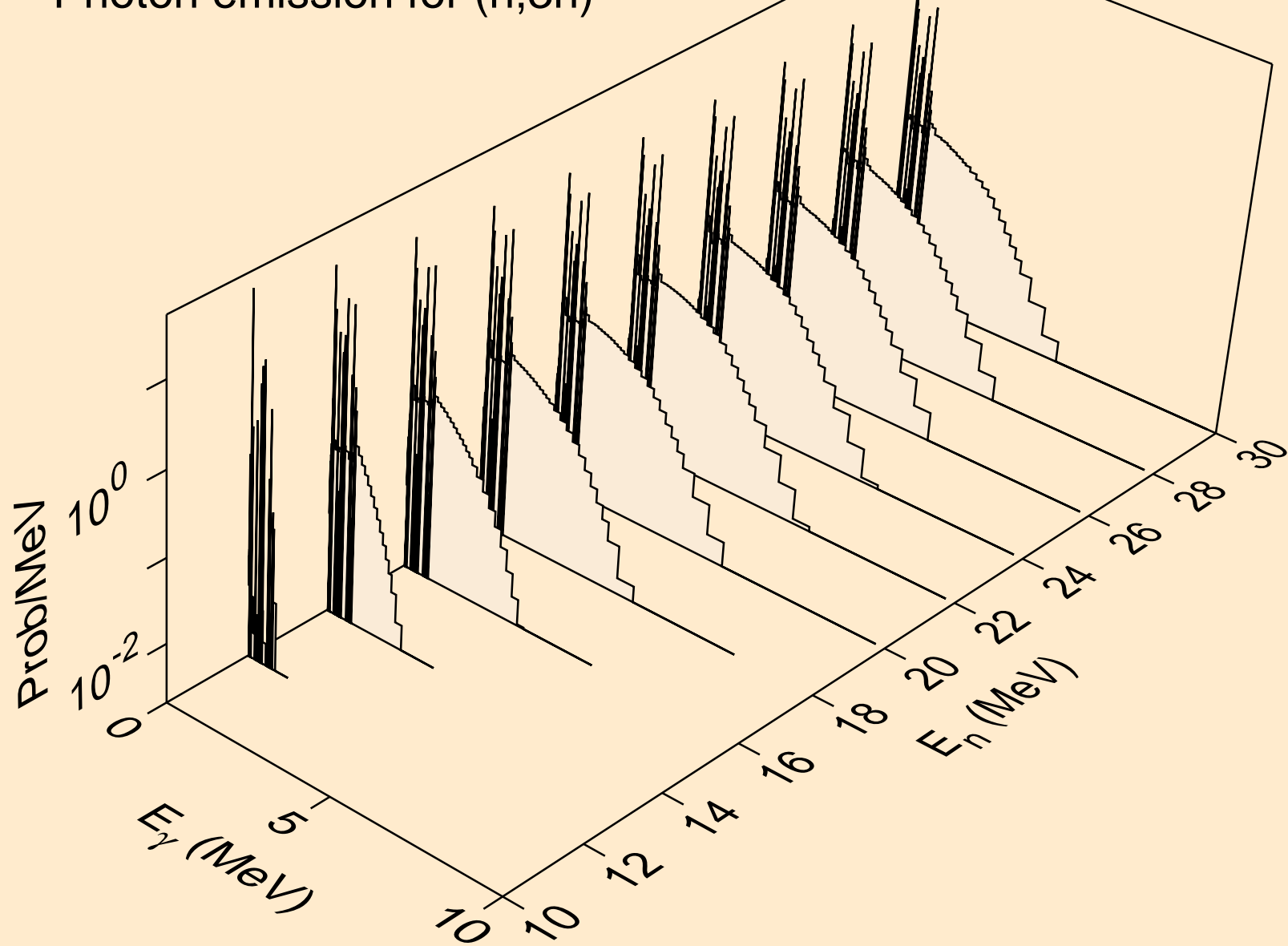
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



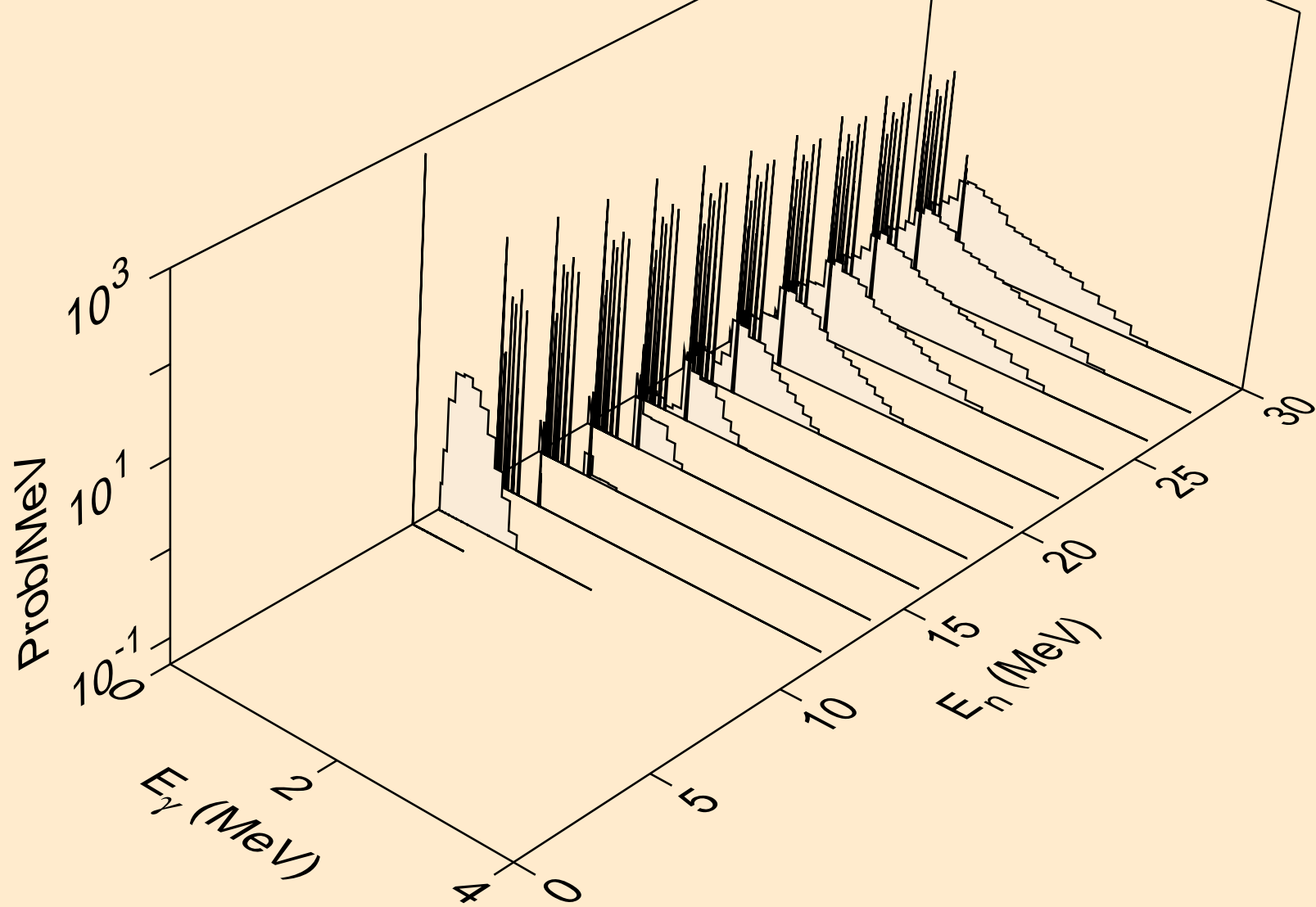
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



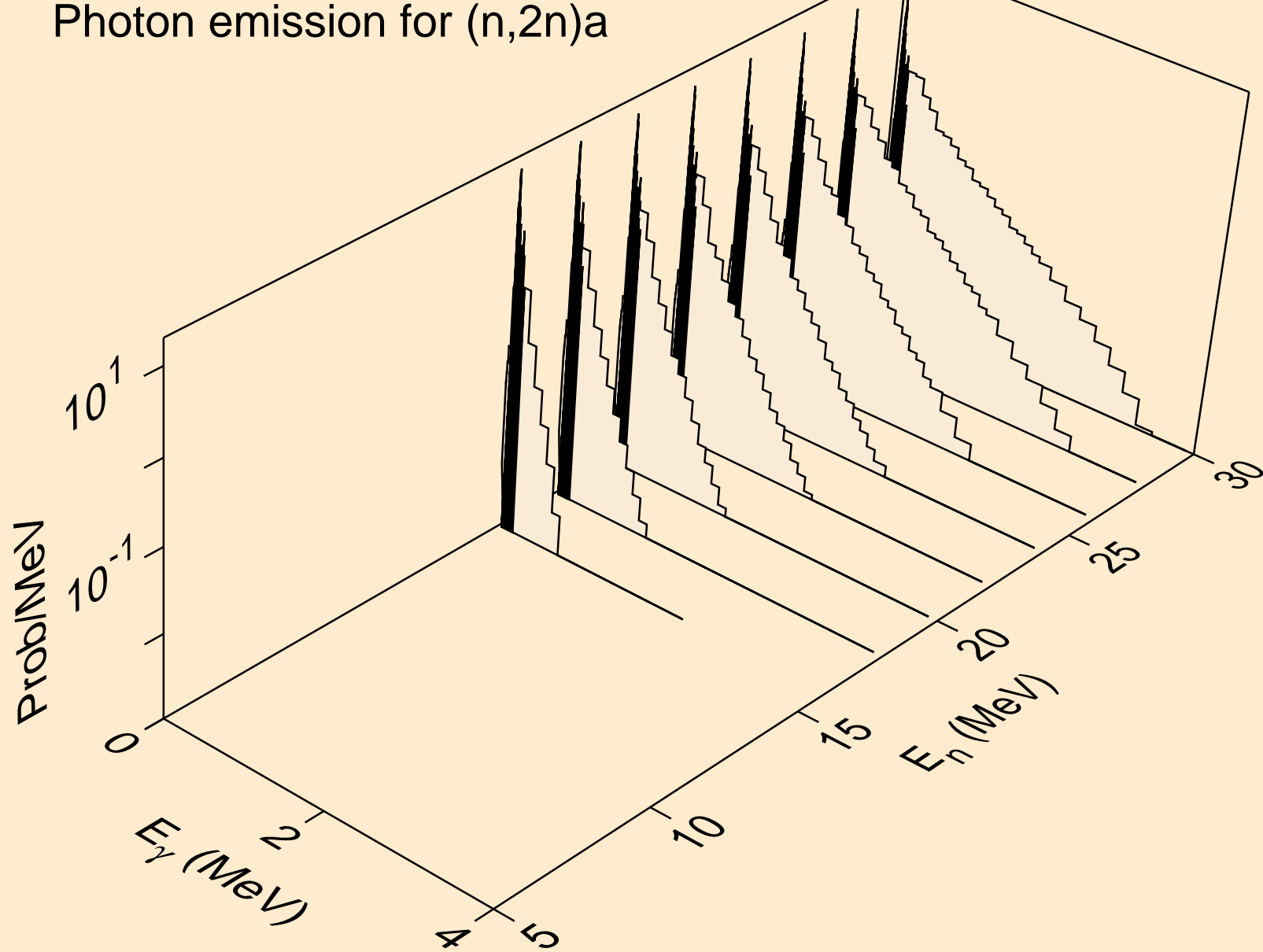
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



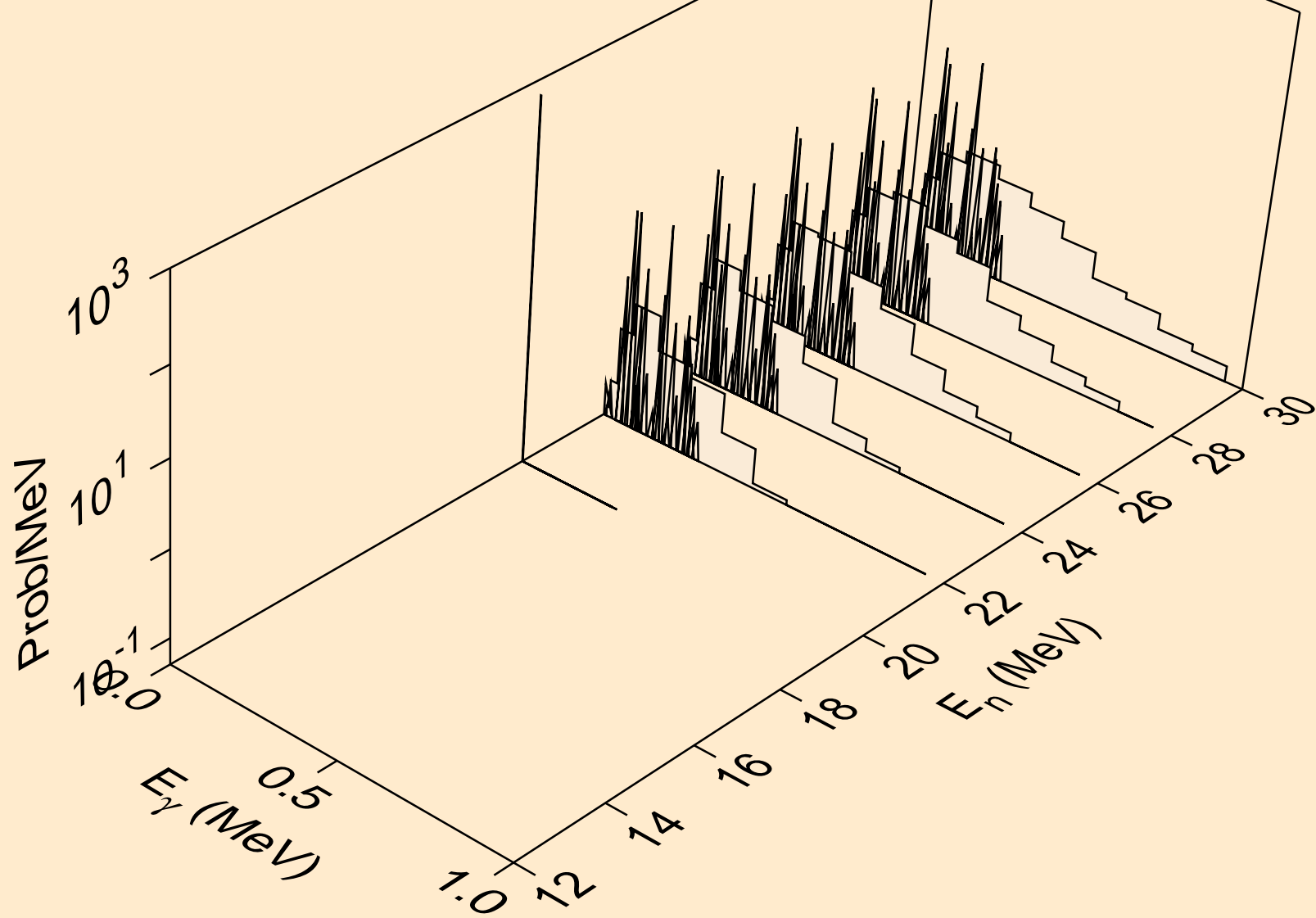
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a

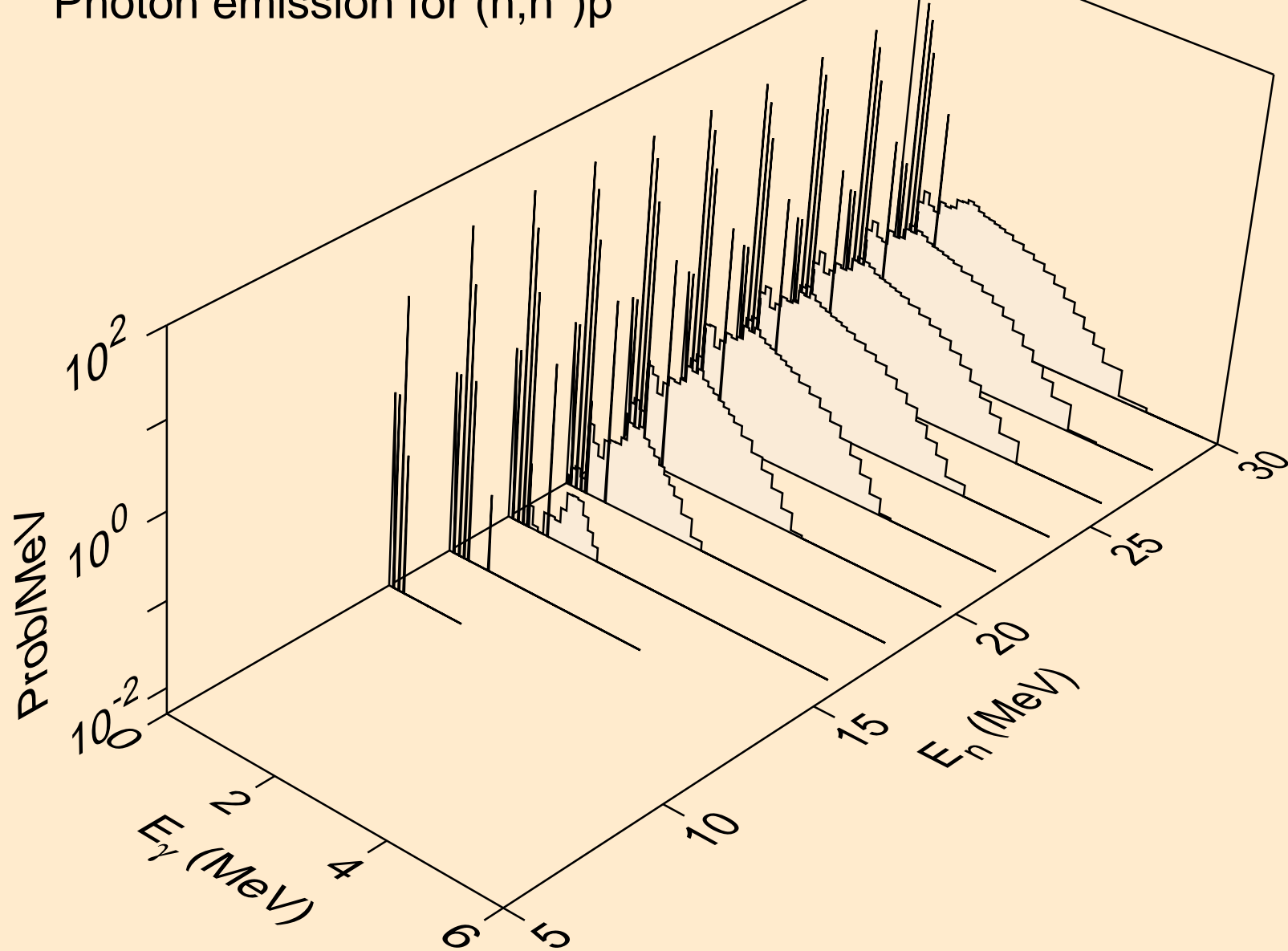


PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a

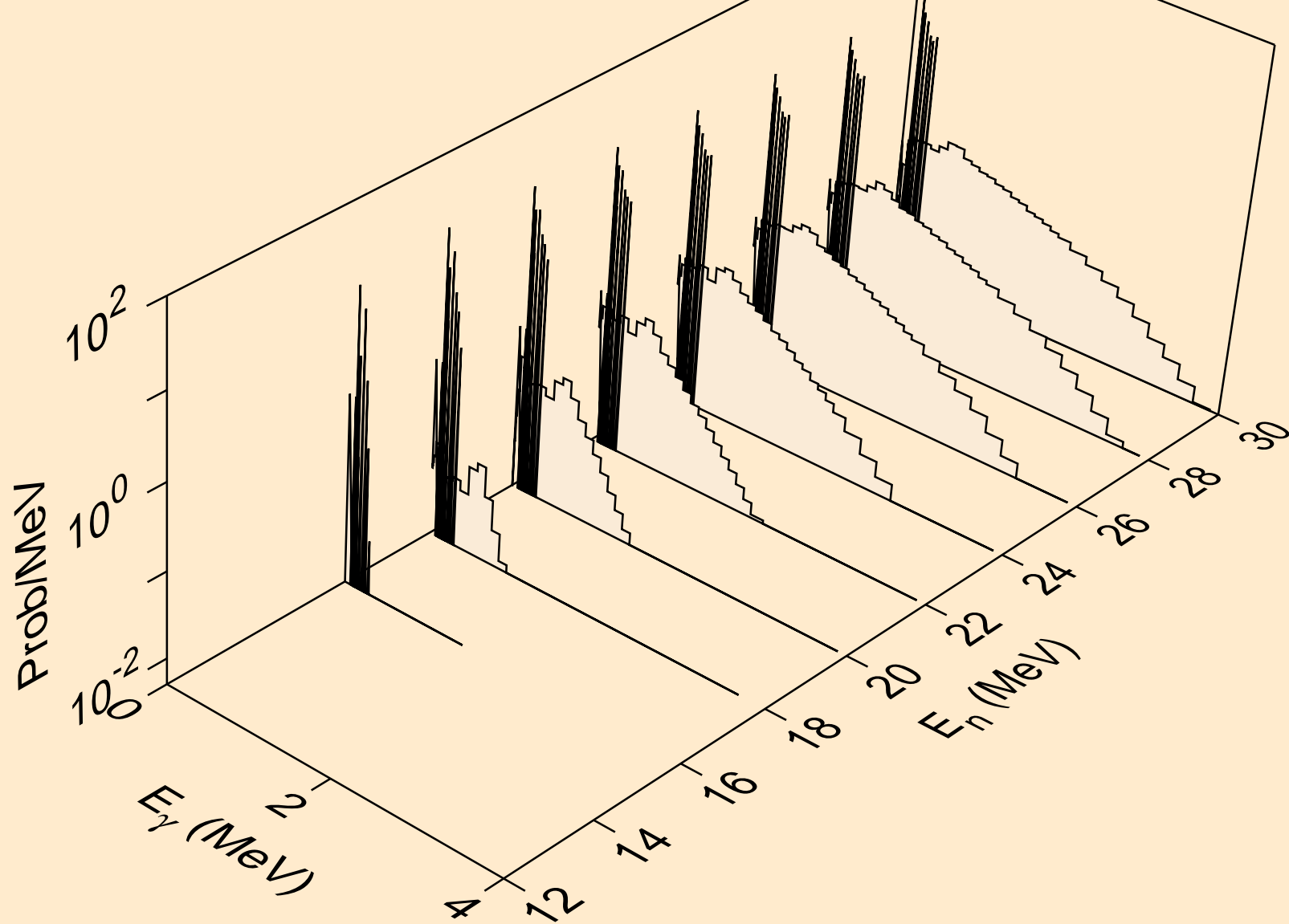




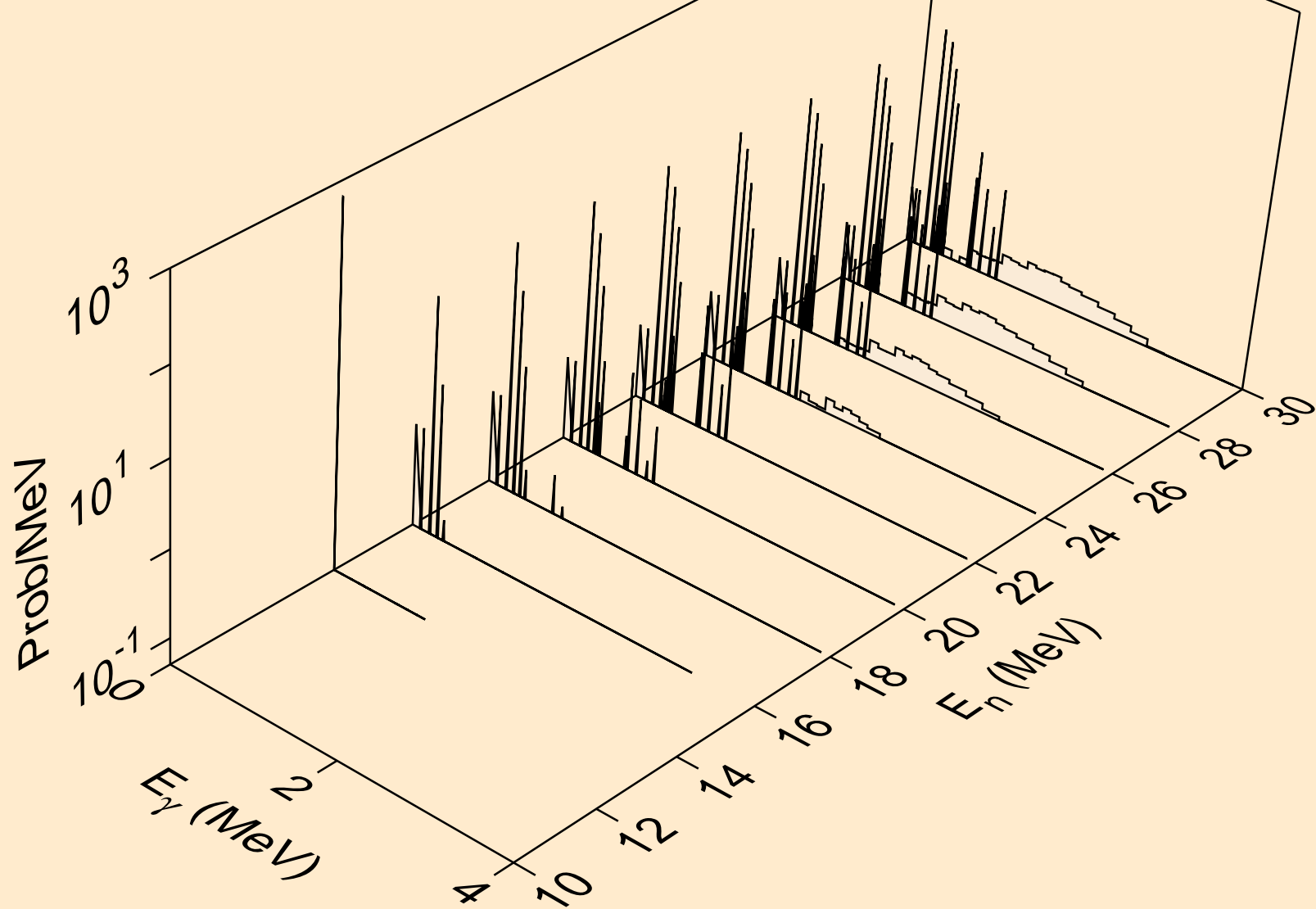
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



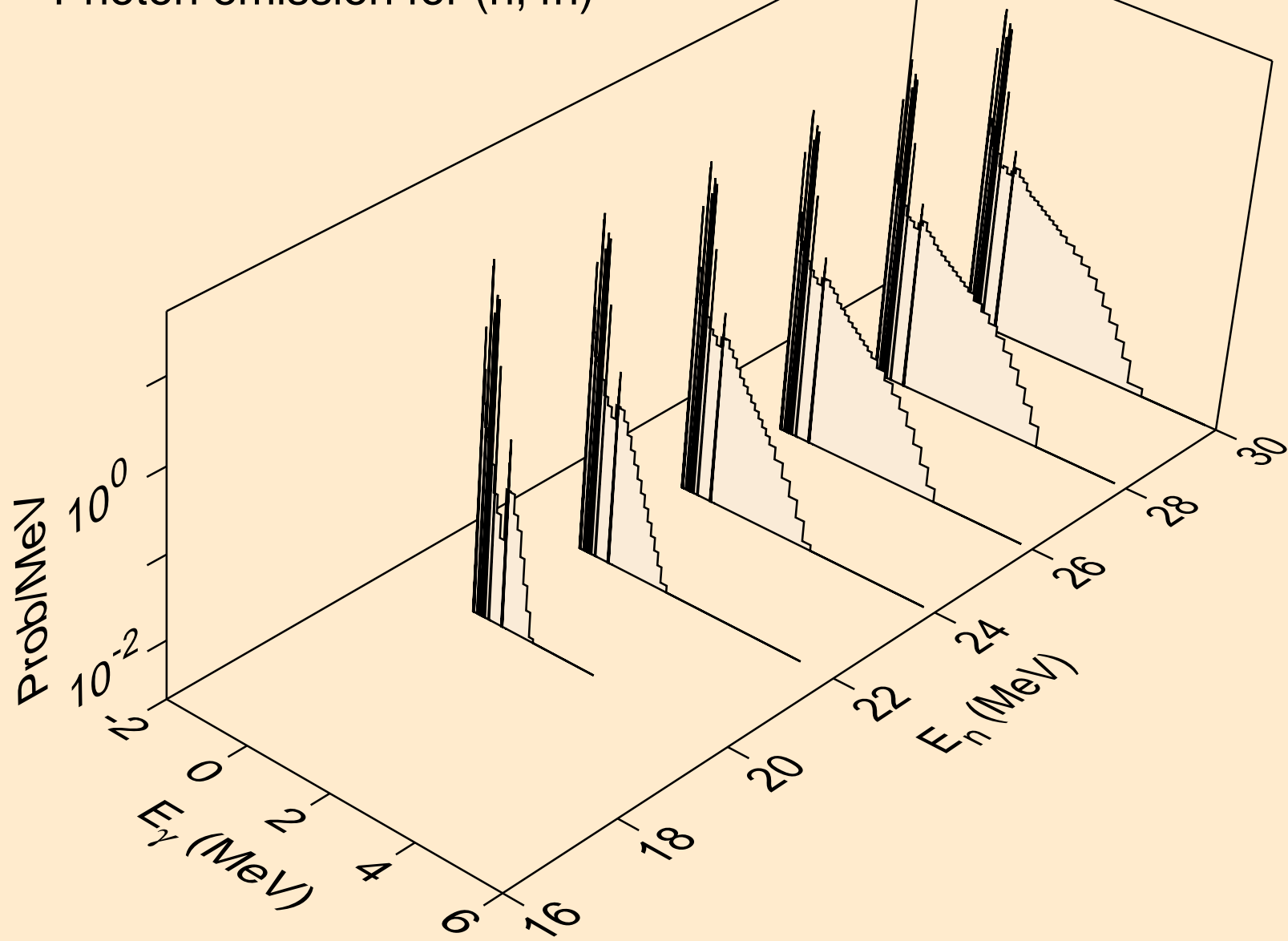
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



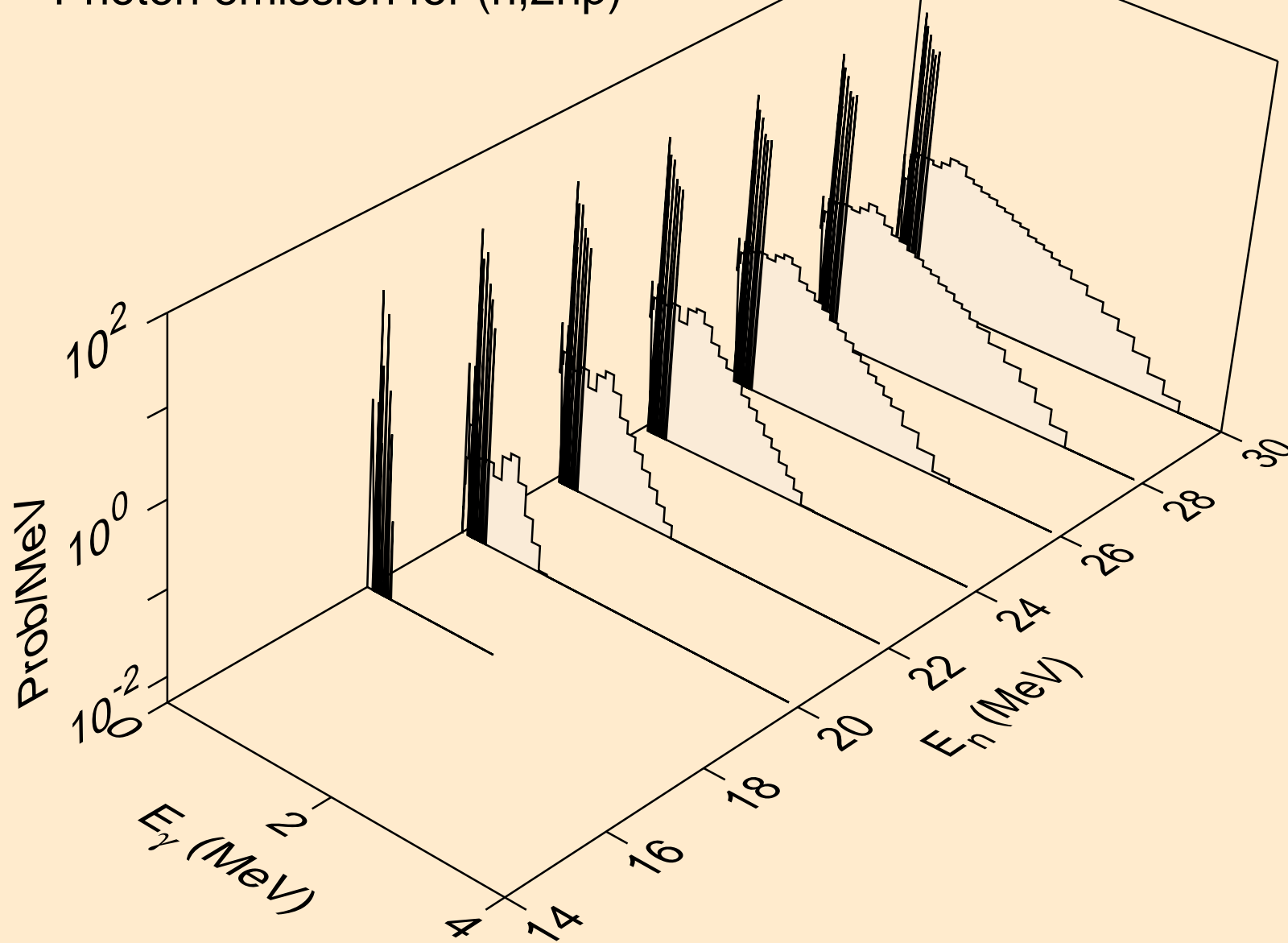
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



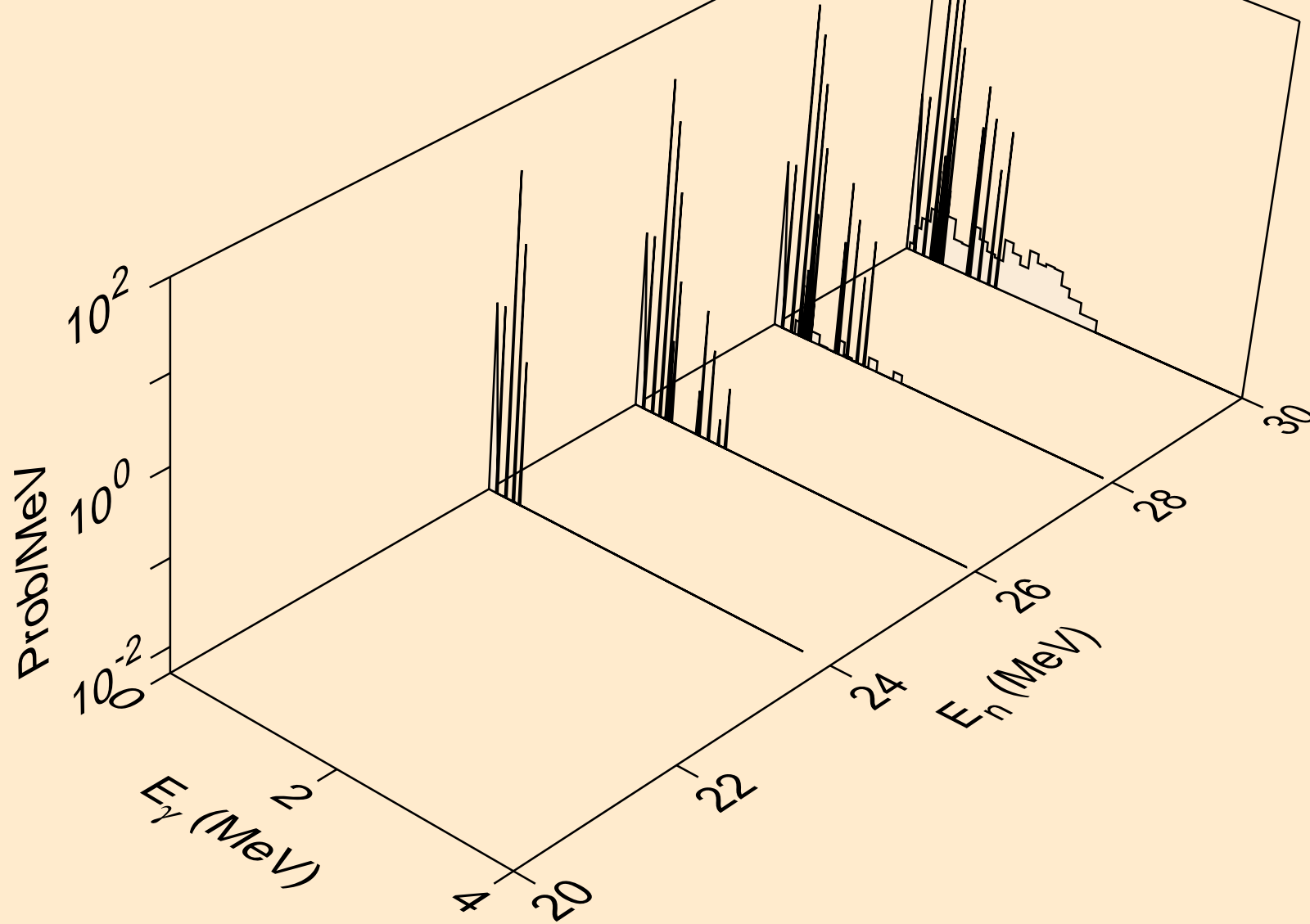
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



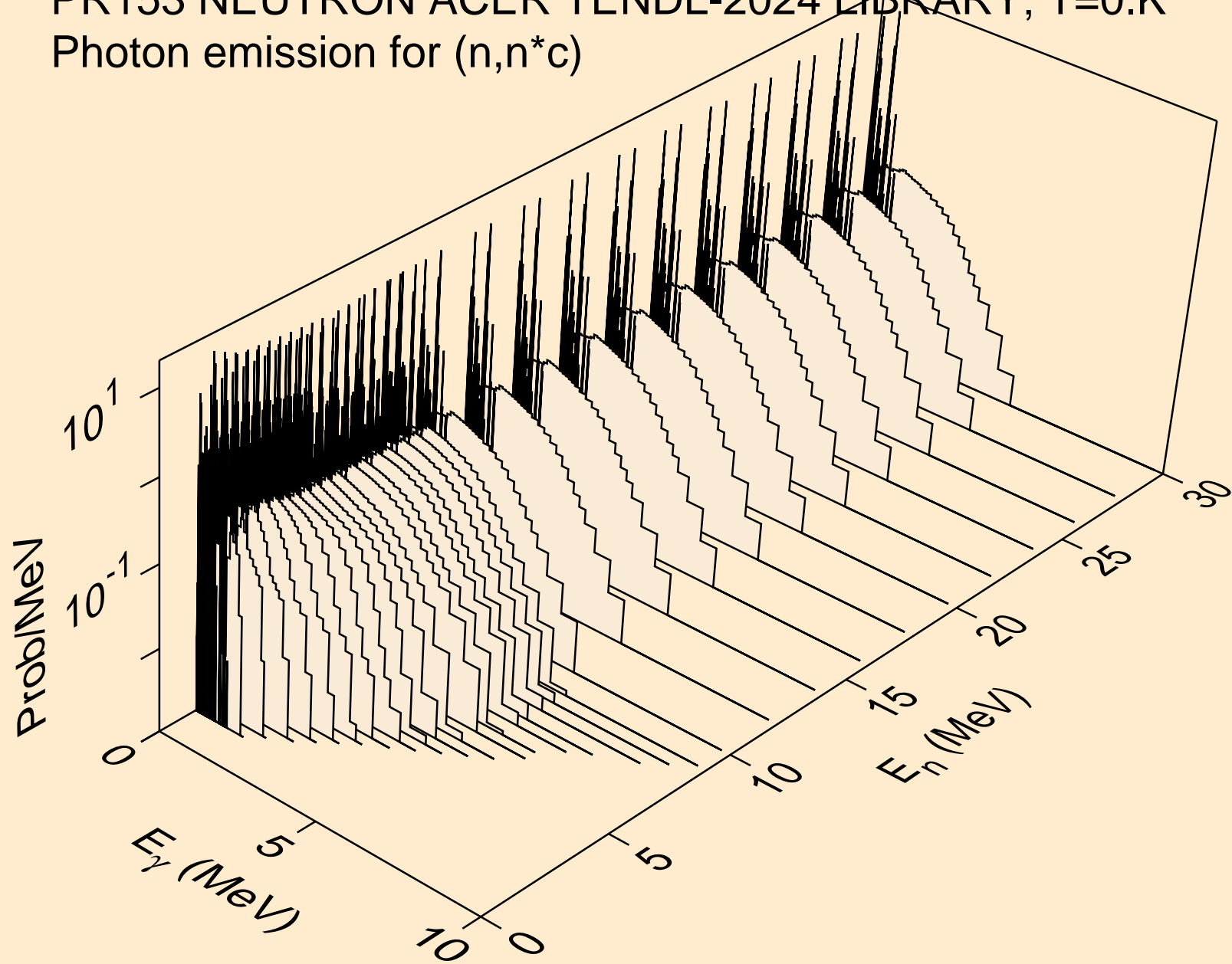
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



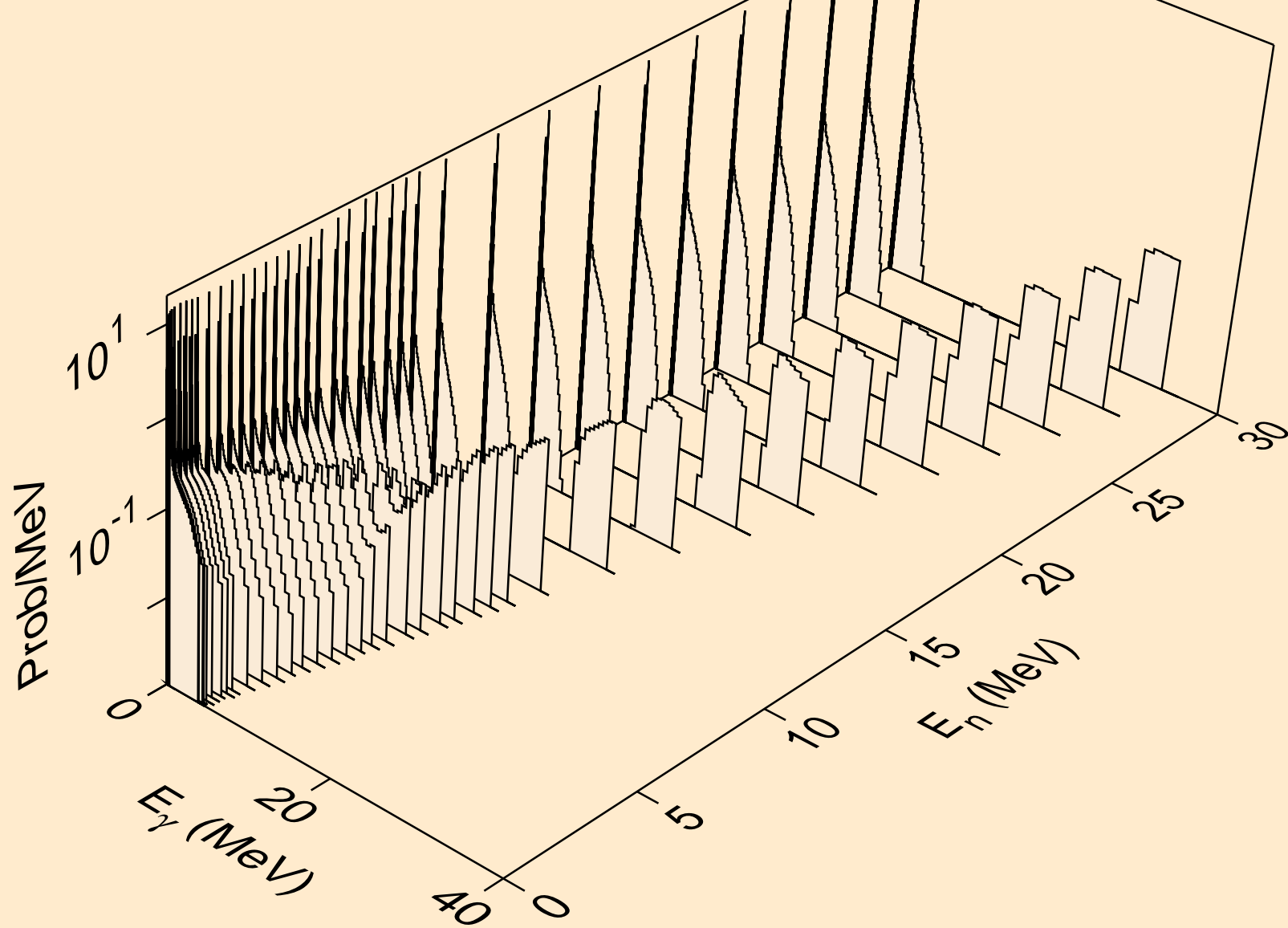
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)

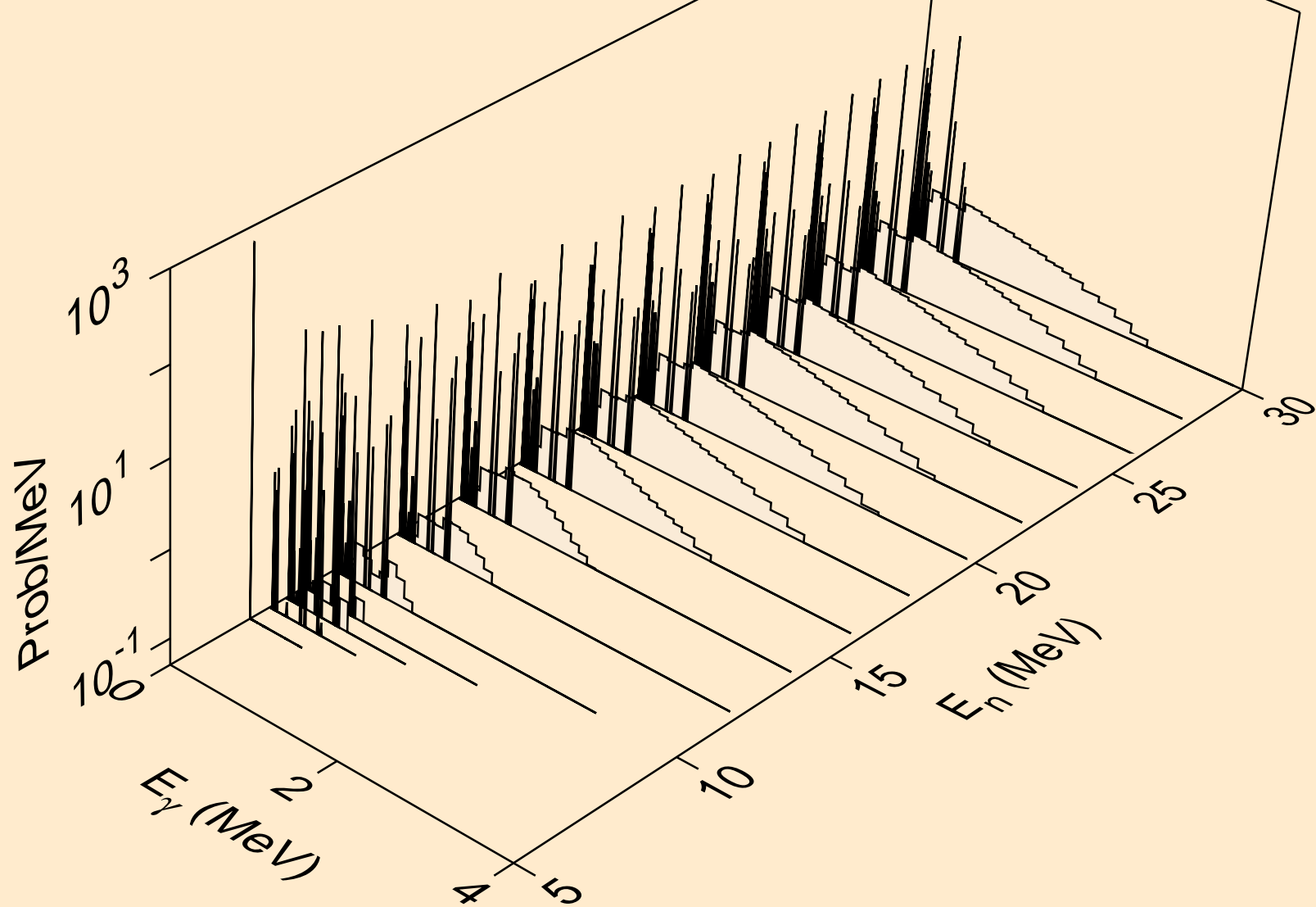


PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)

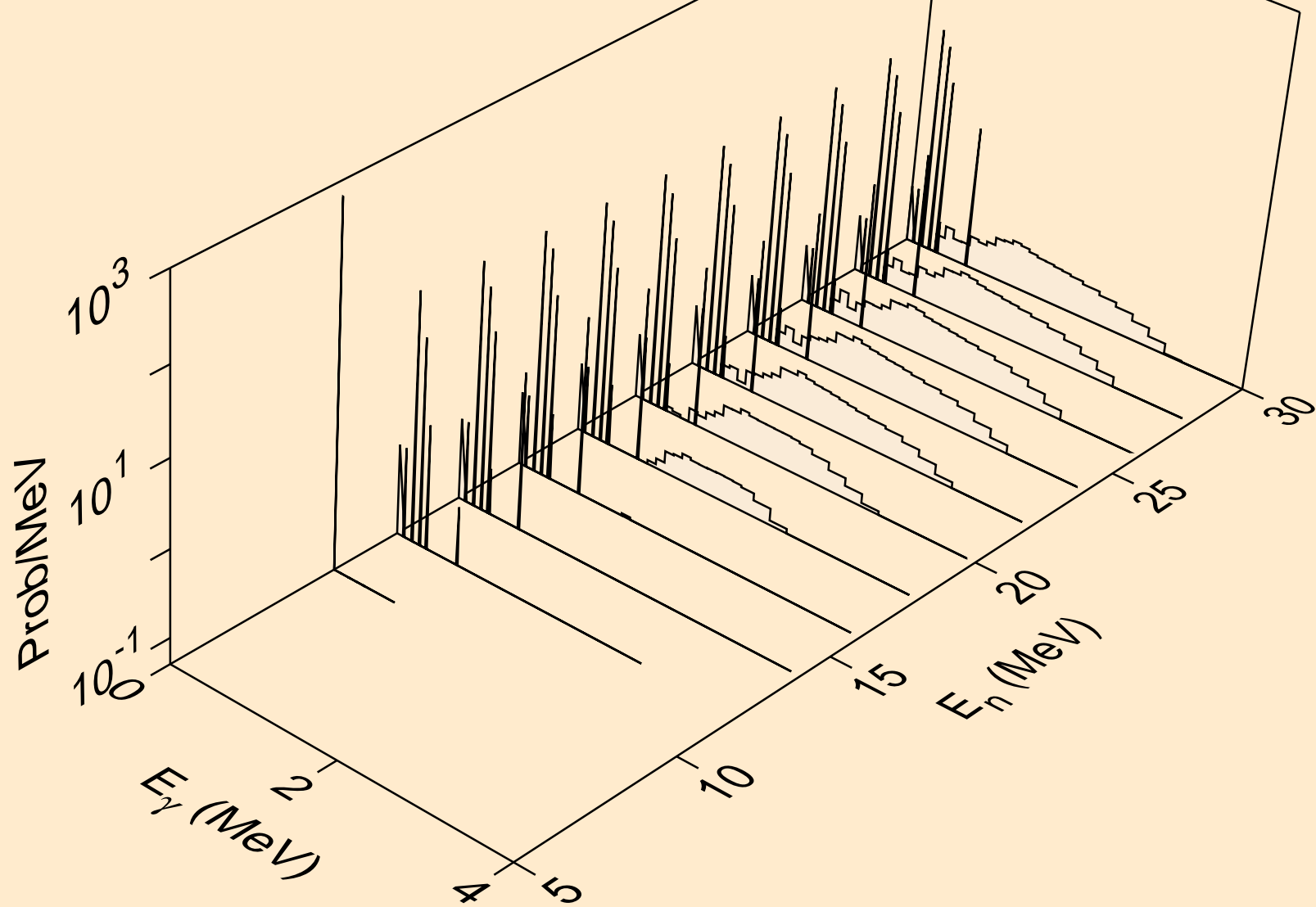




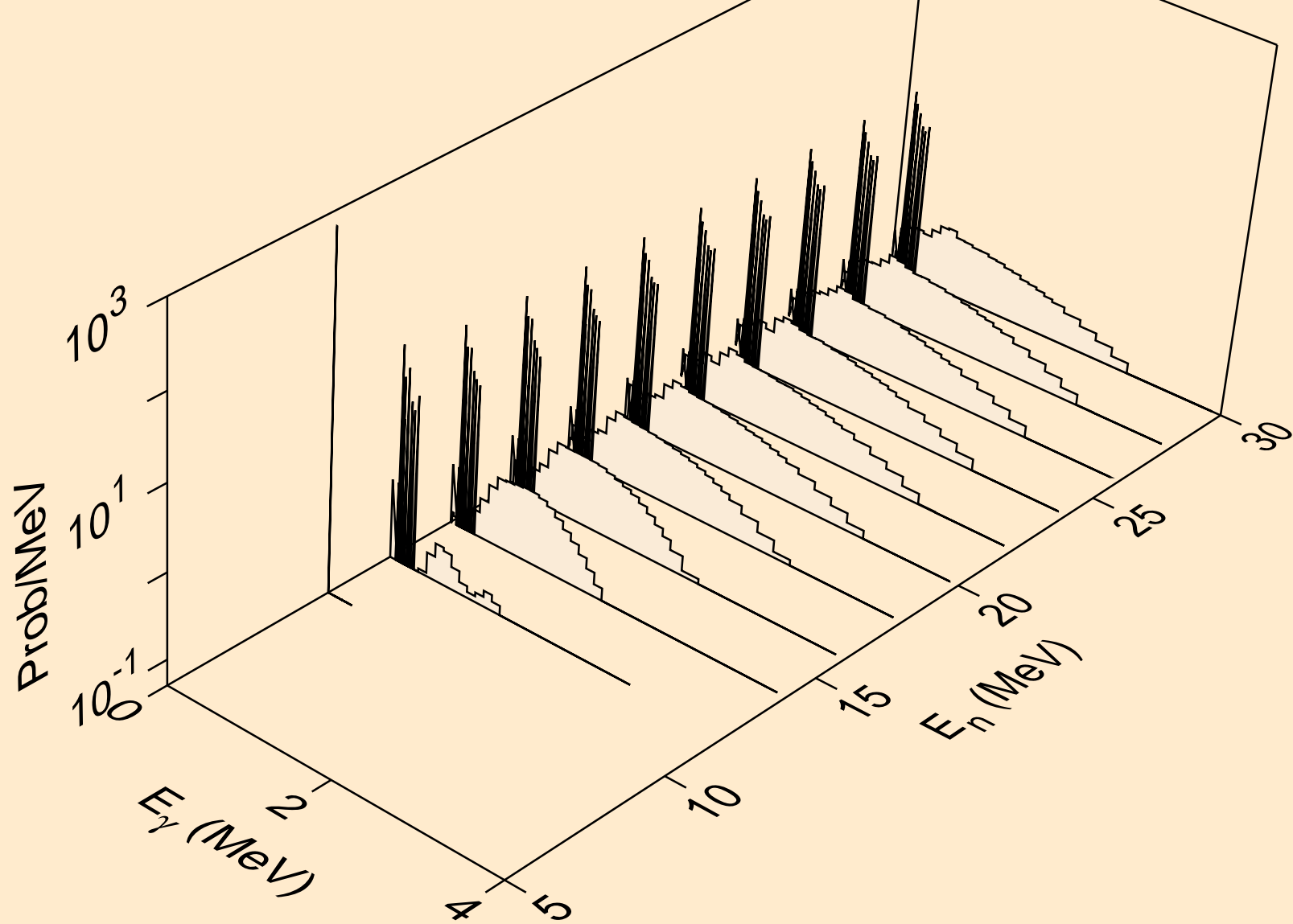
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



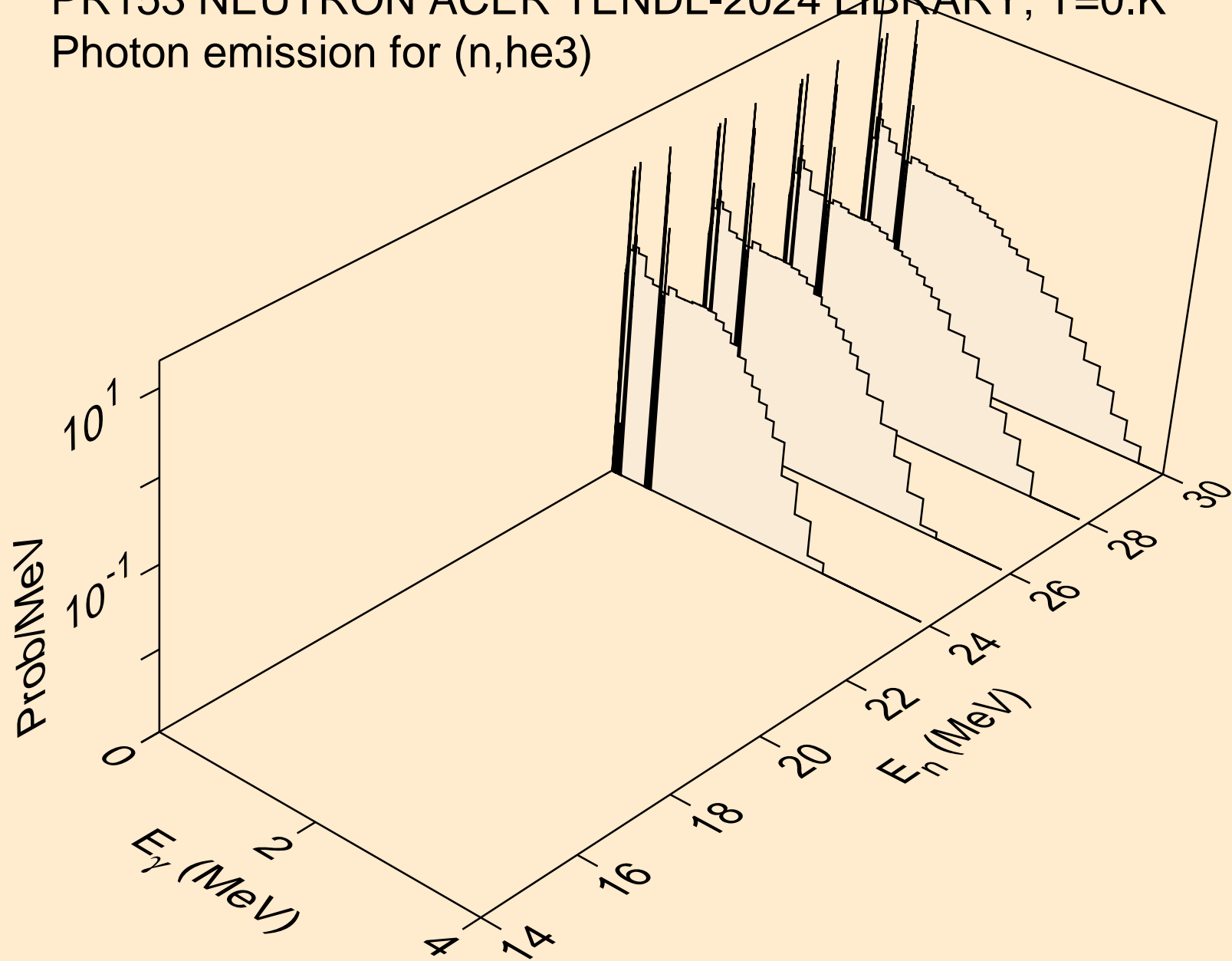
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



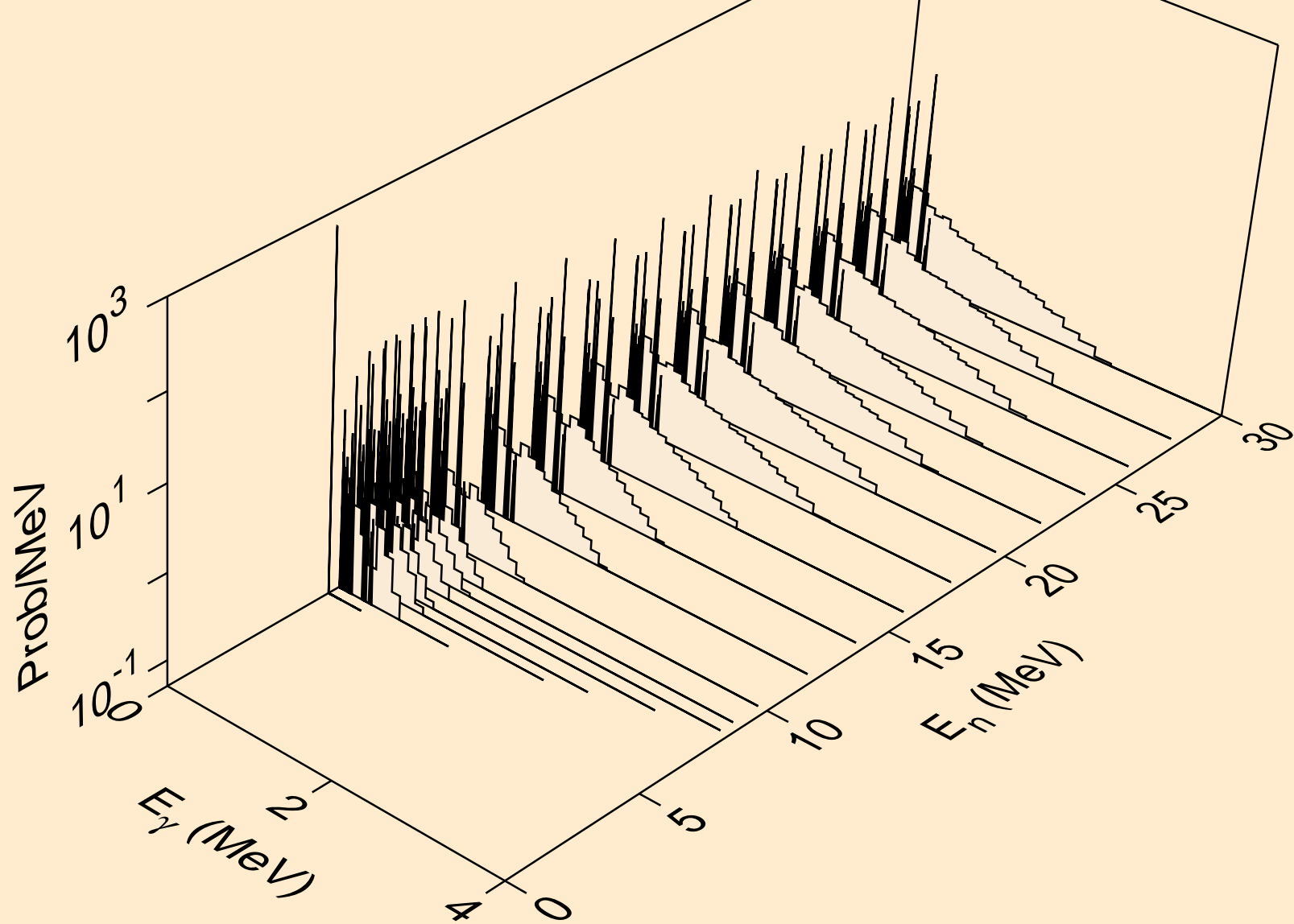
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



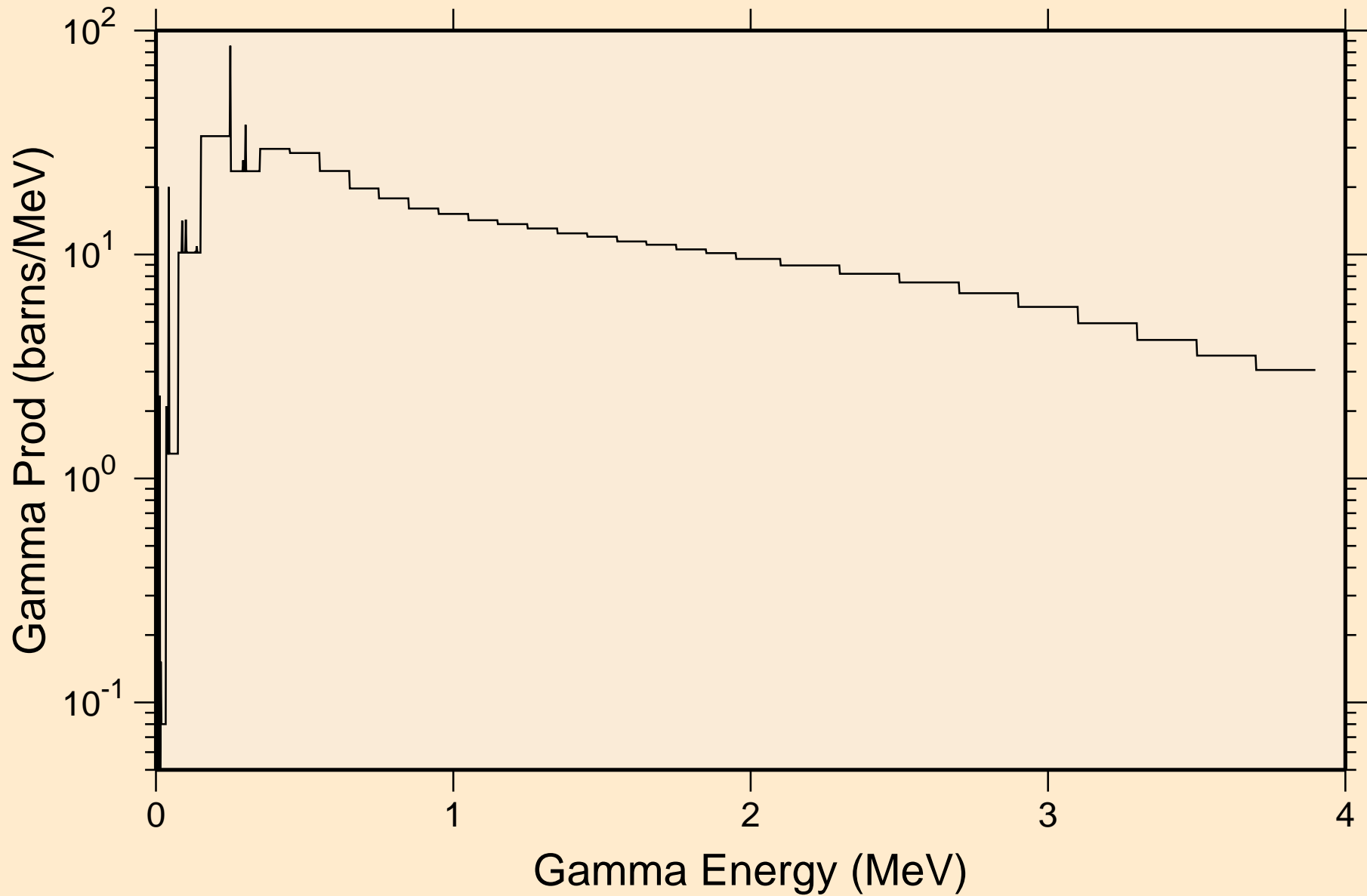
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



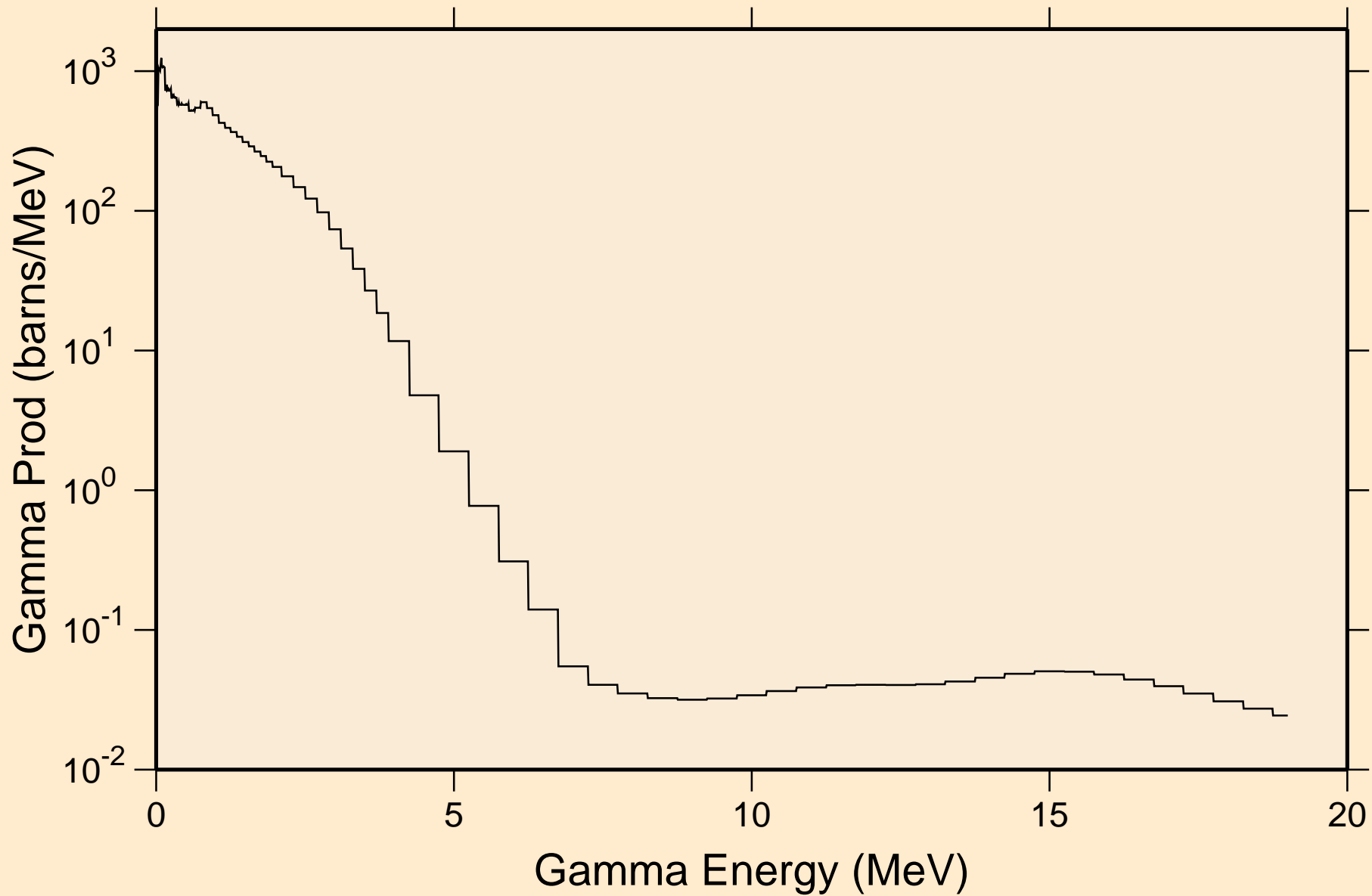
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



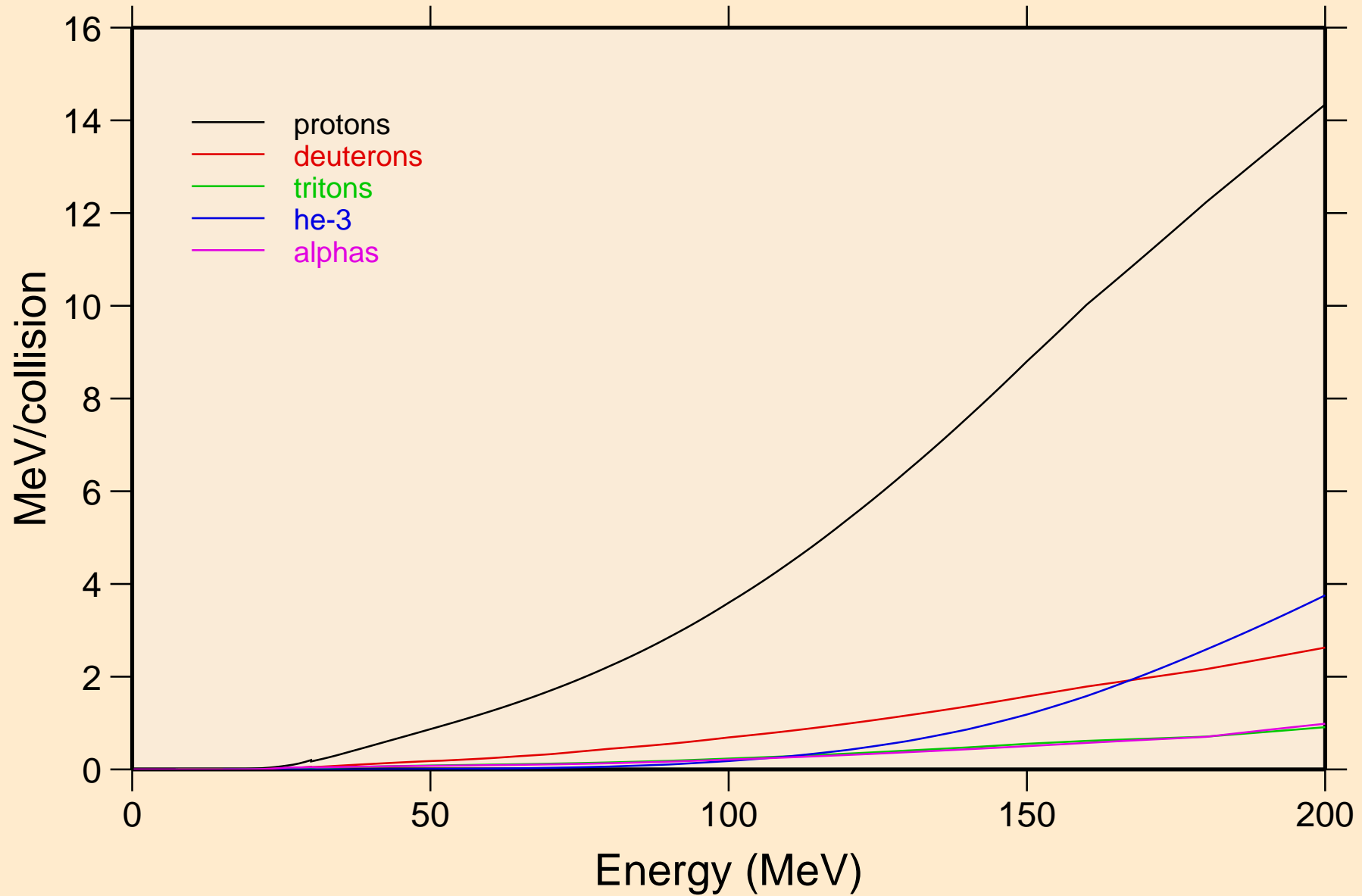
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum



PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

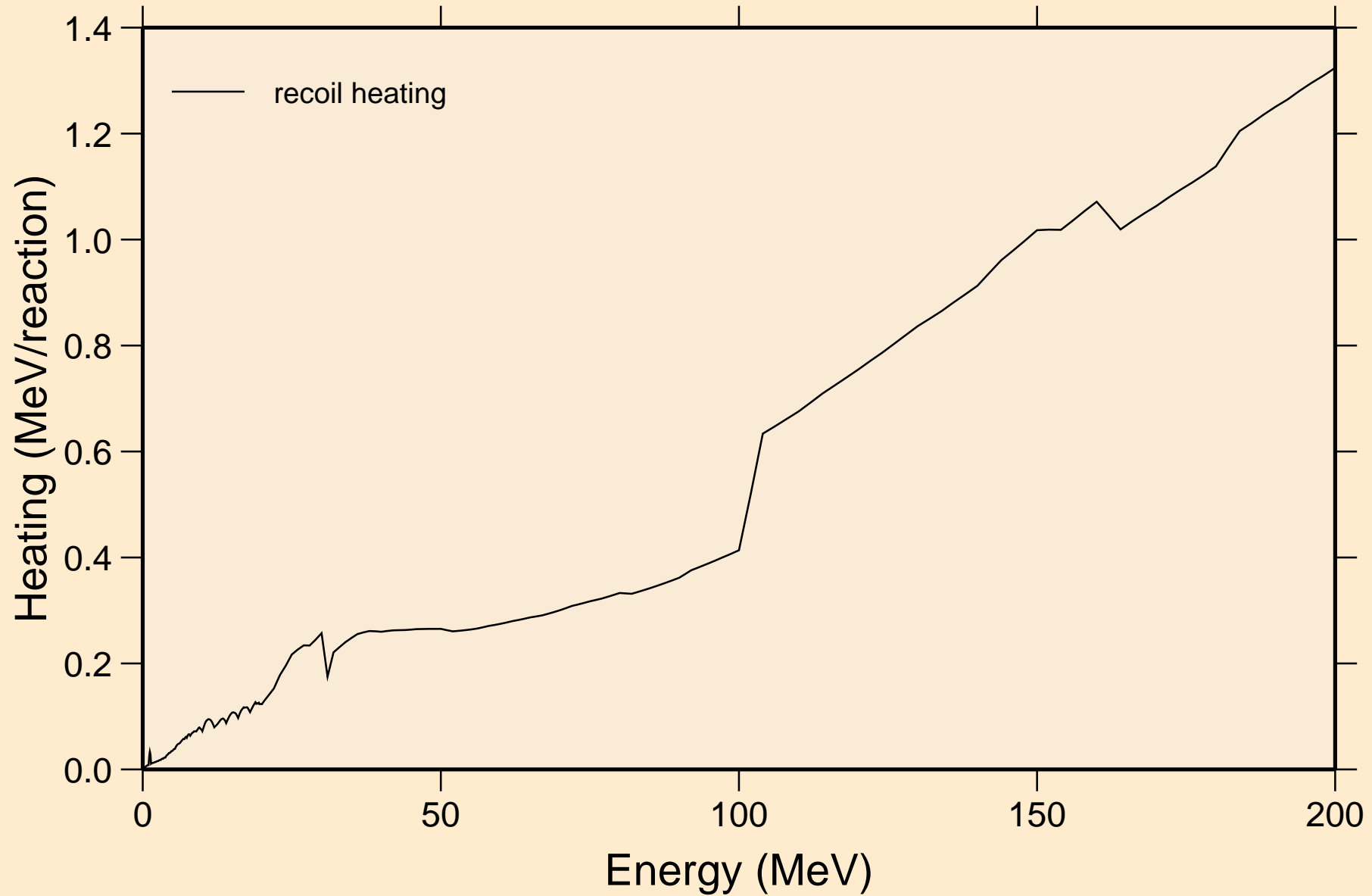


PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle heating contributions

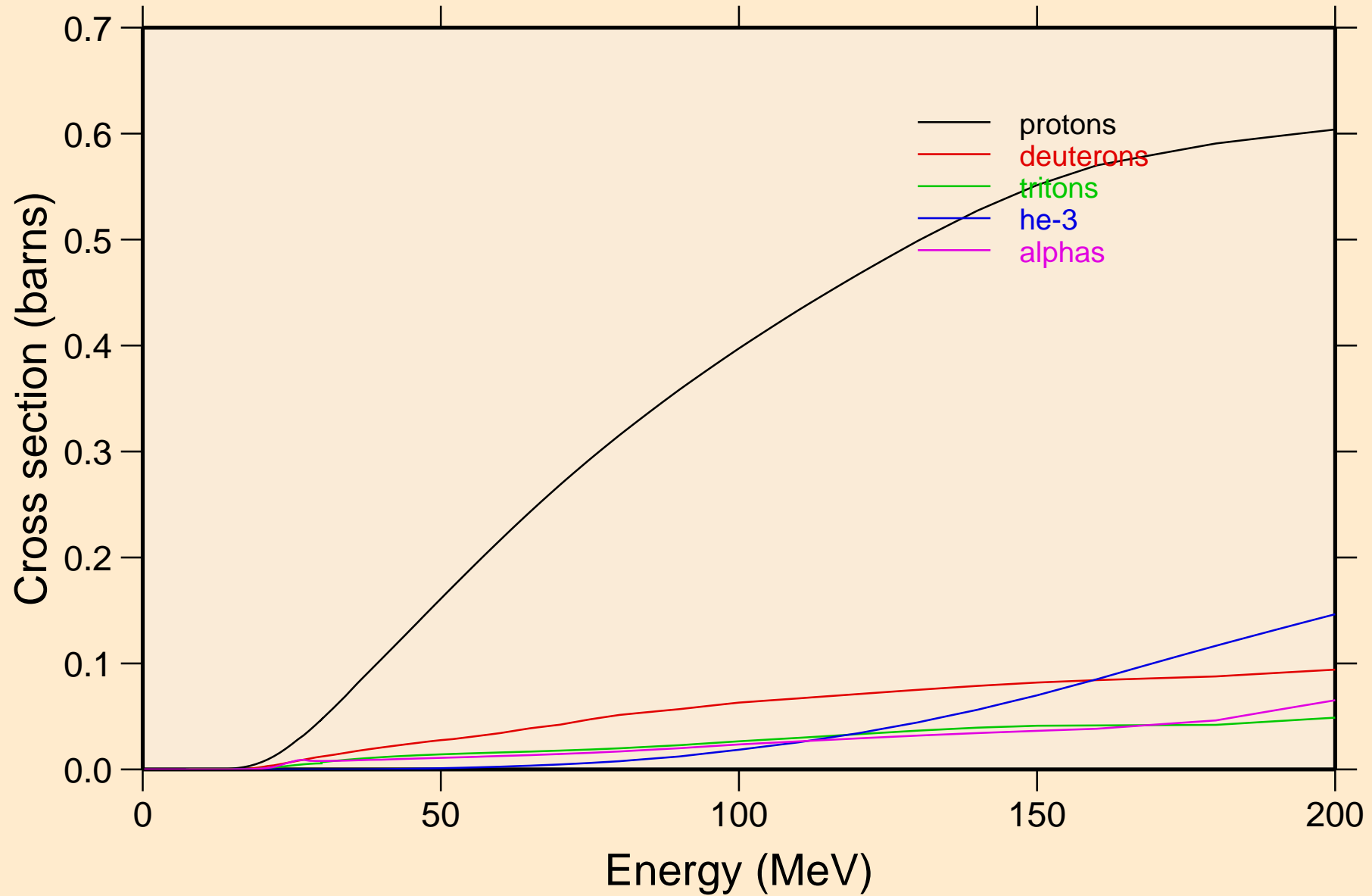




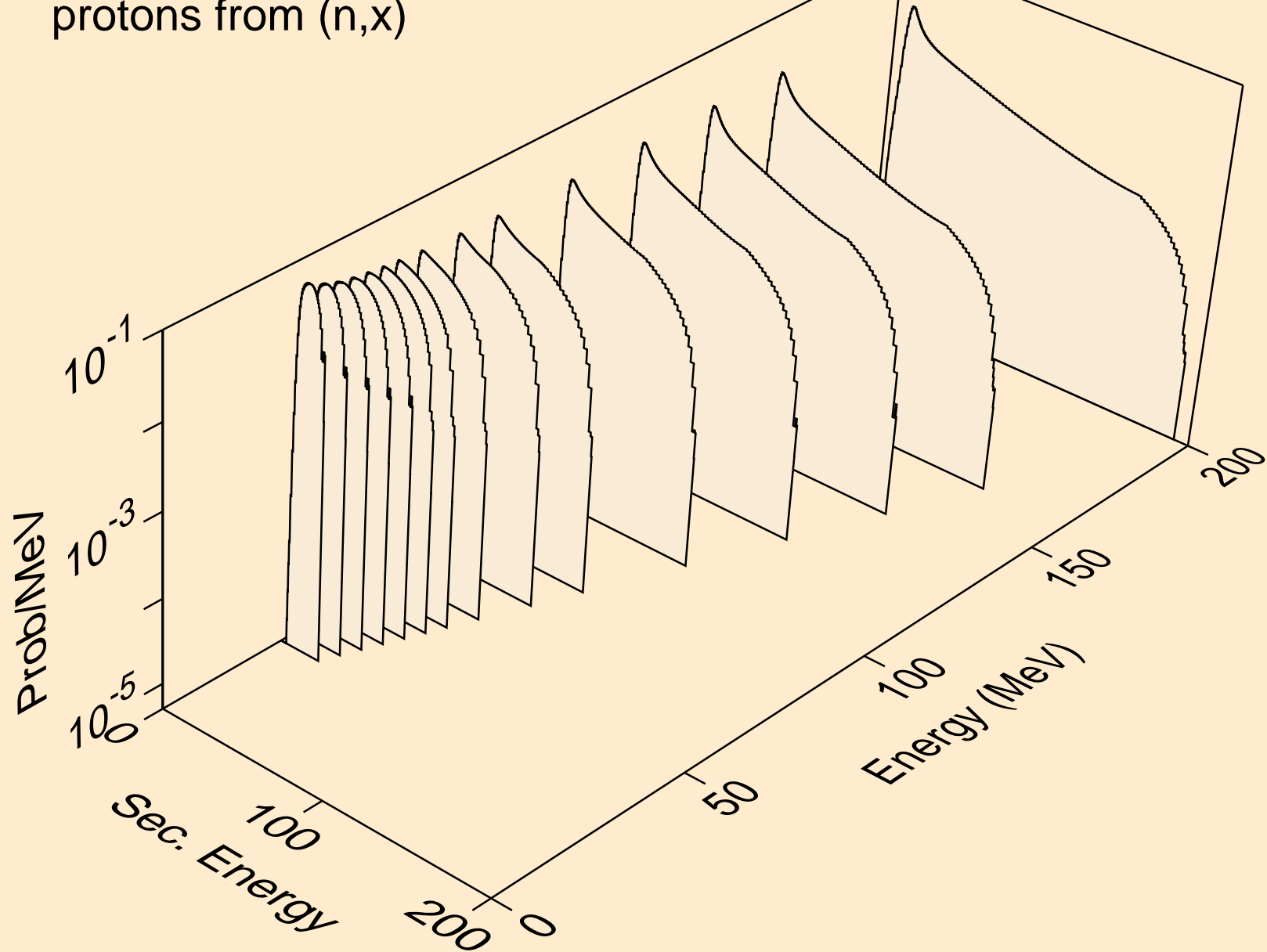
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating



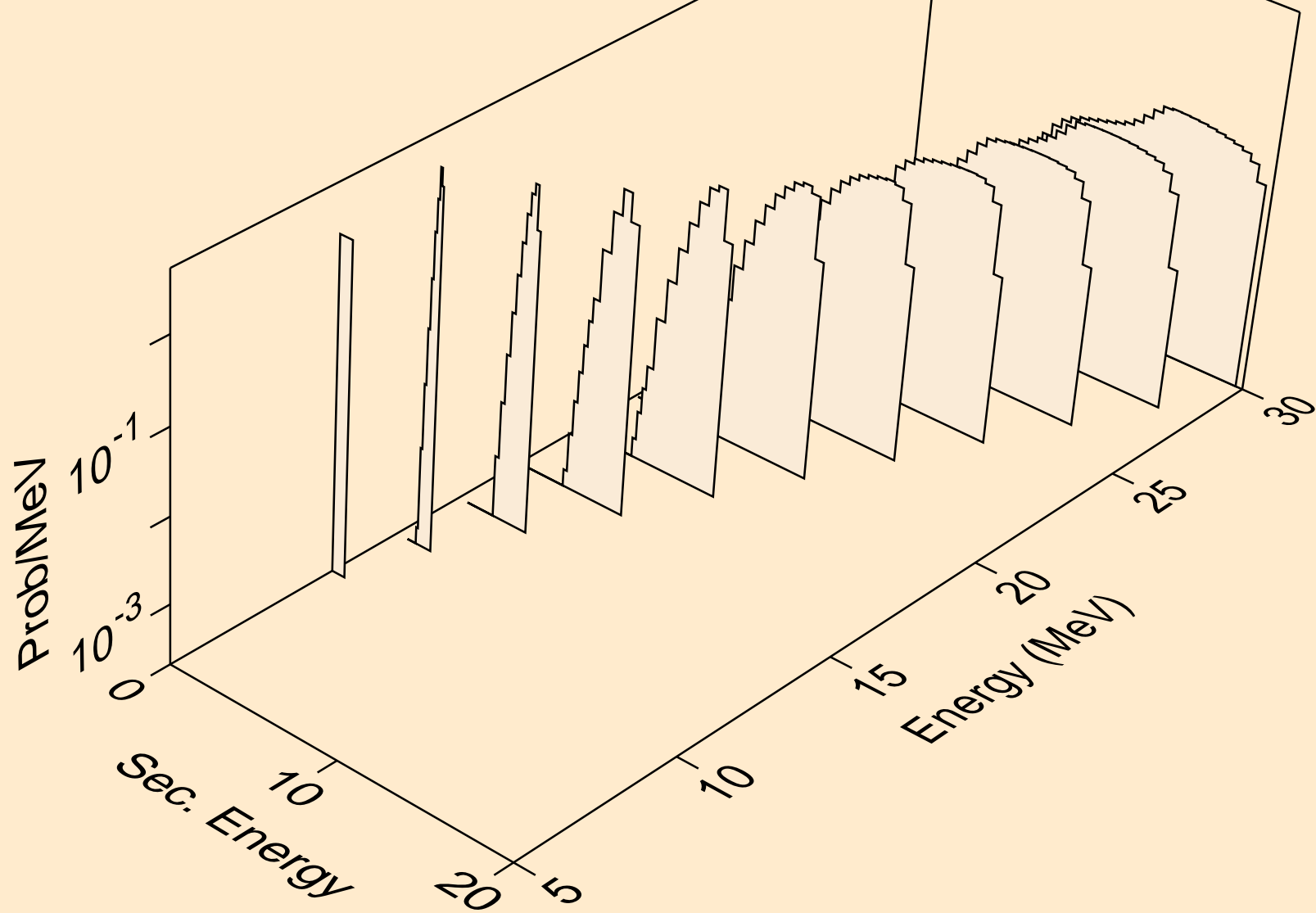
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



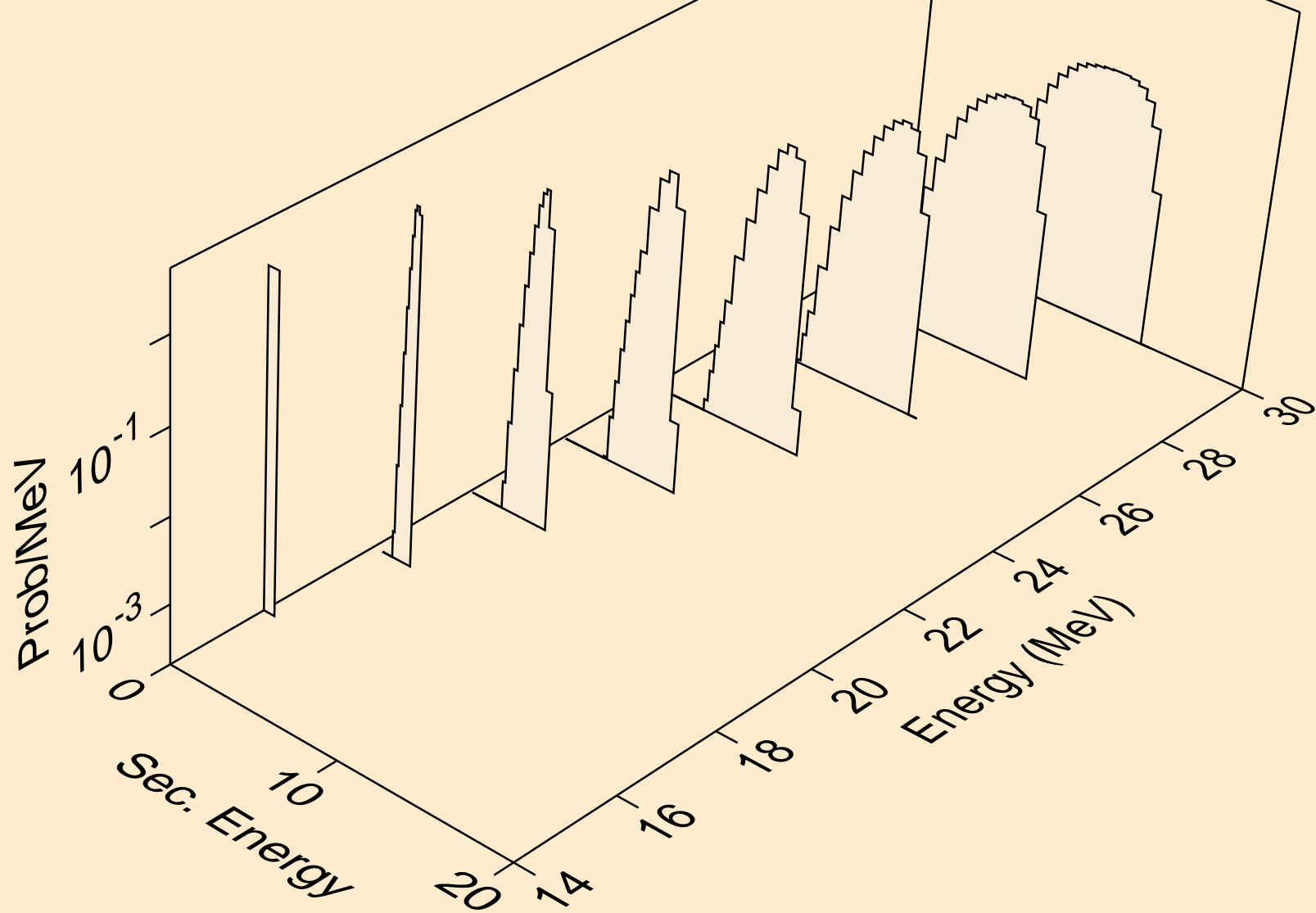
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



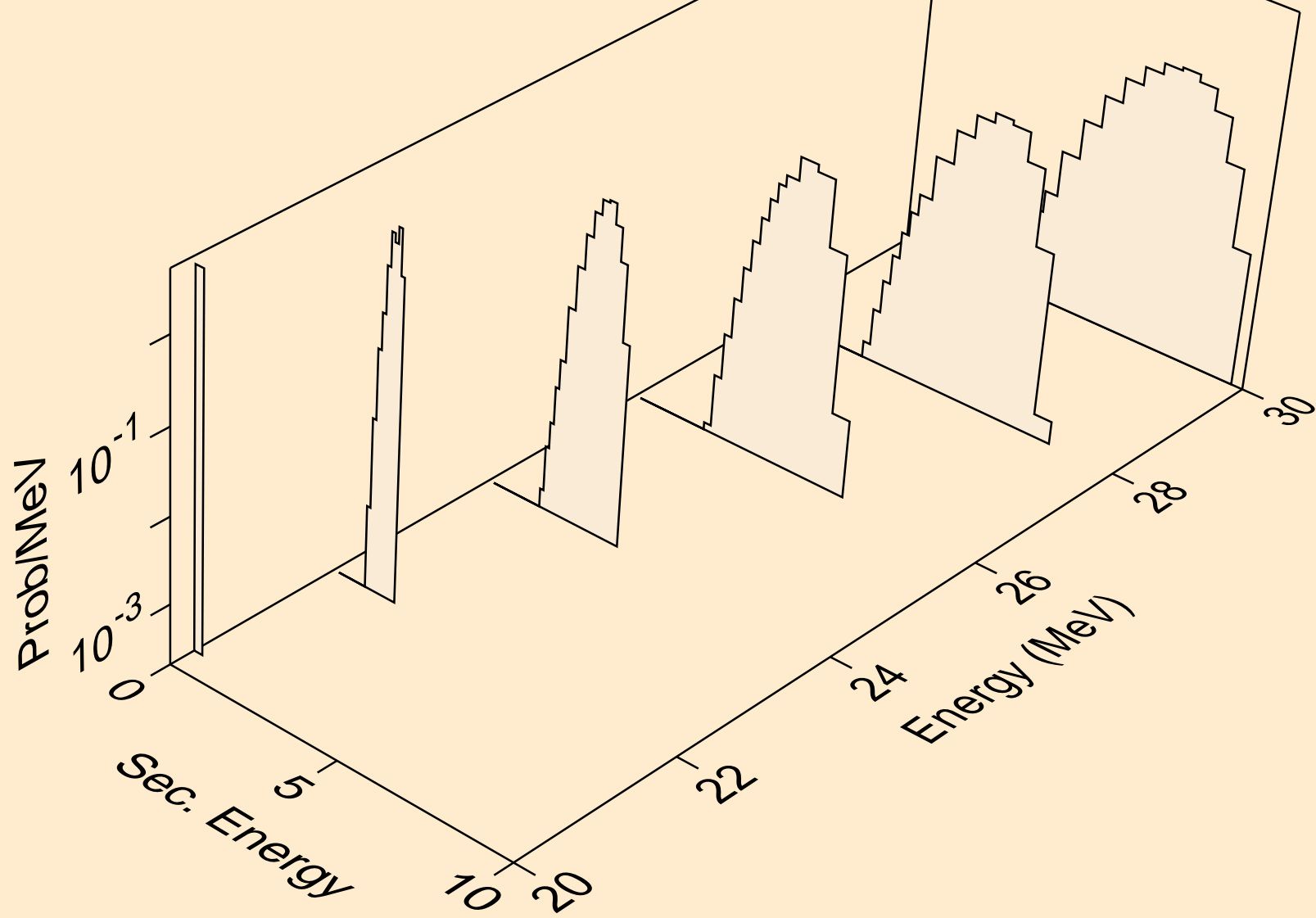
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



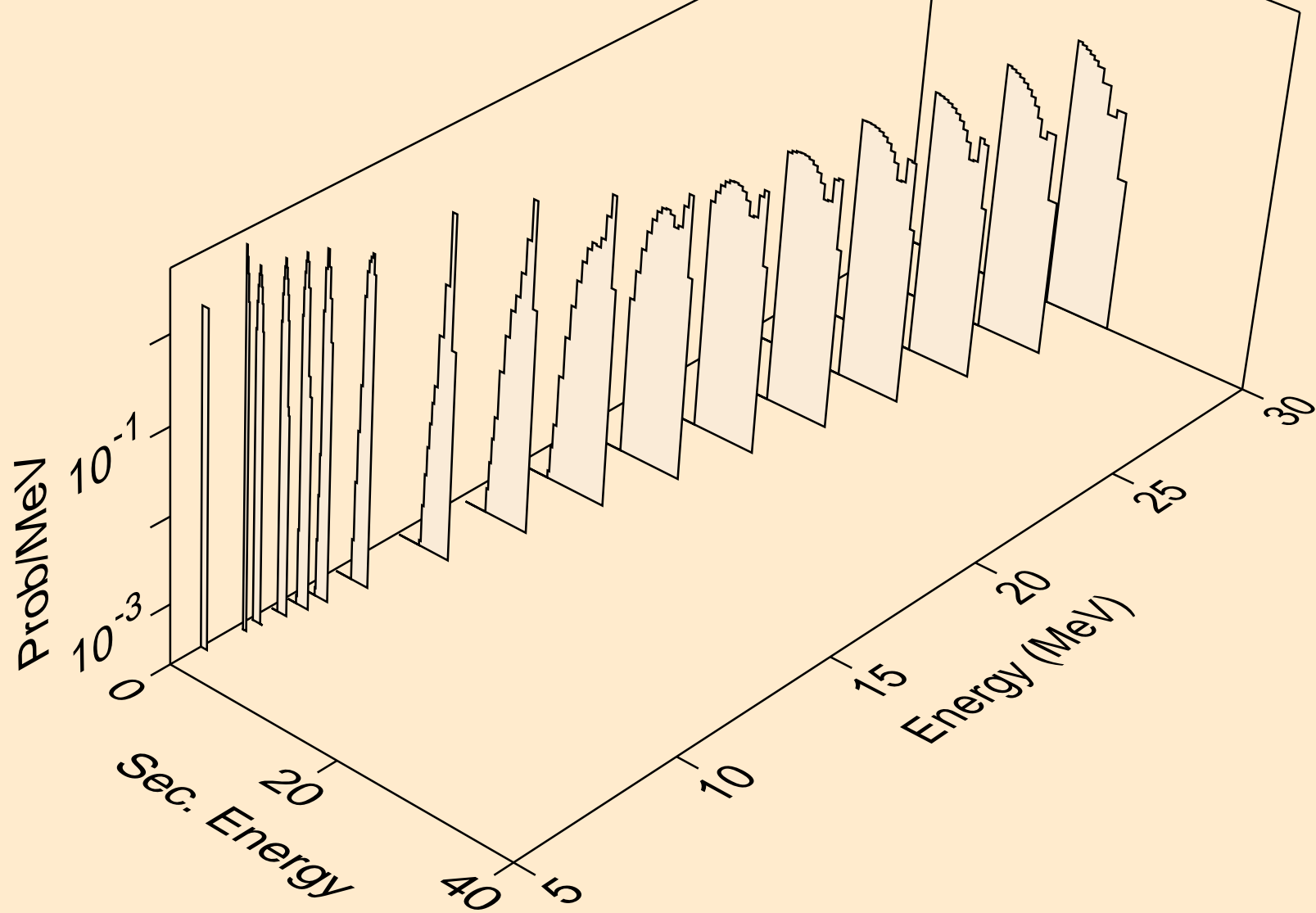
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)



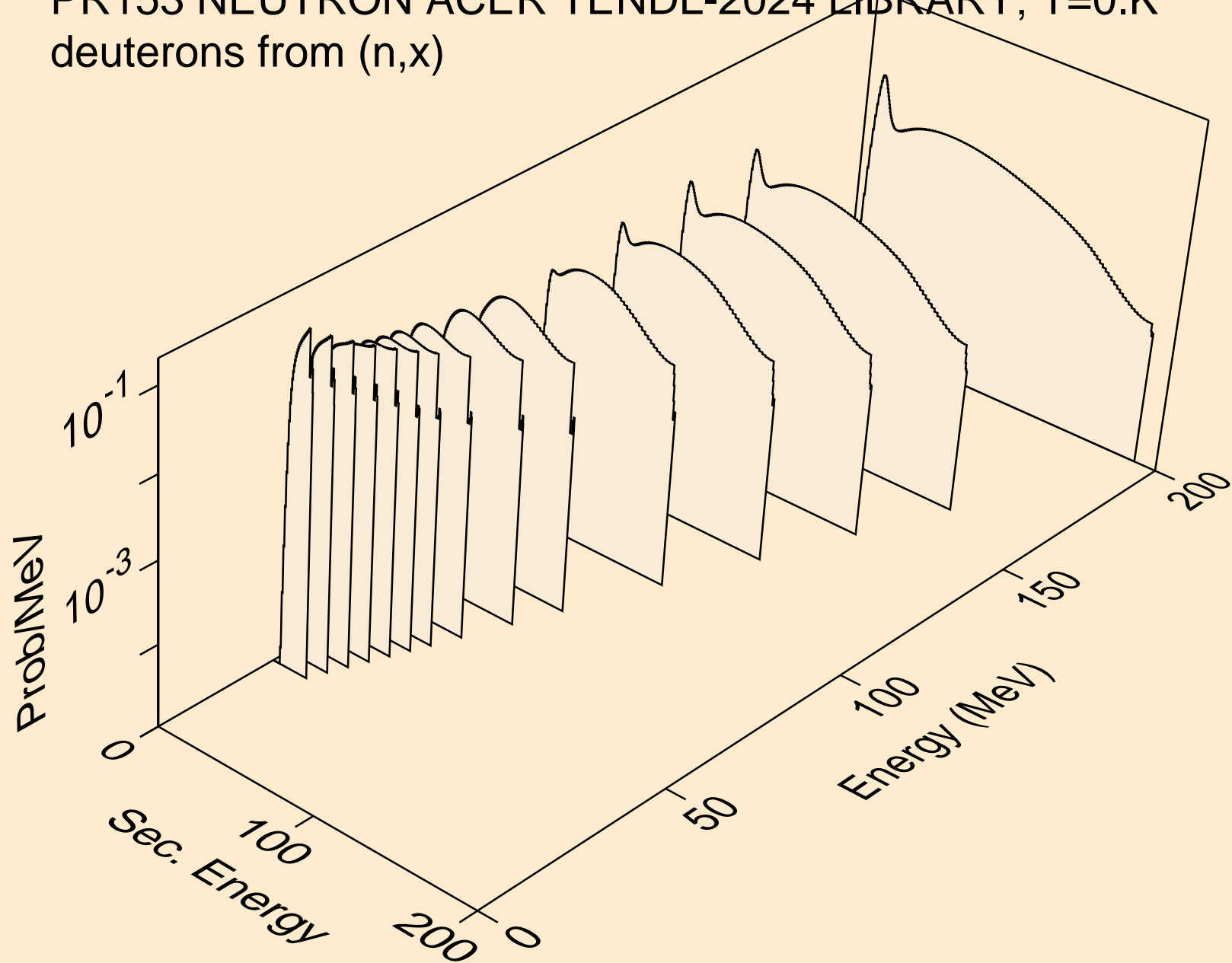
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)



PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)

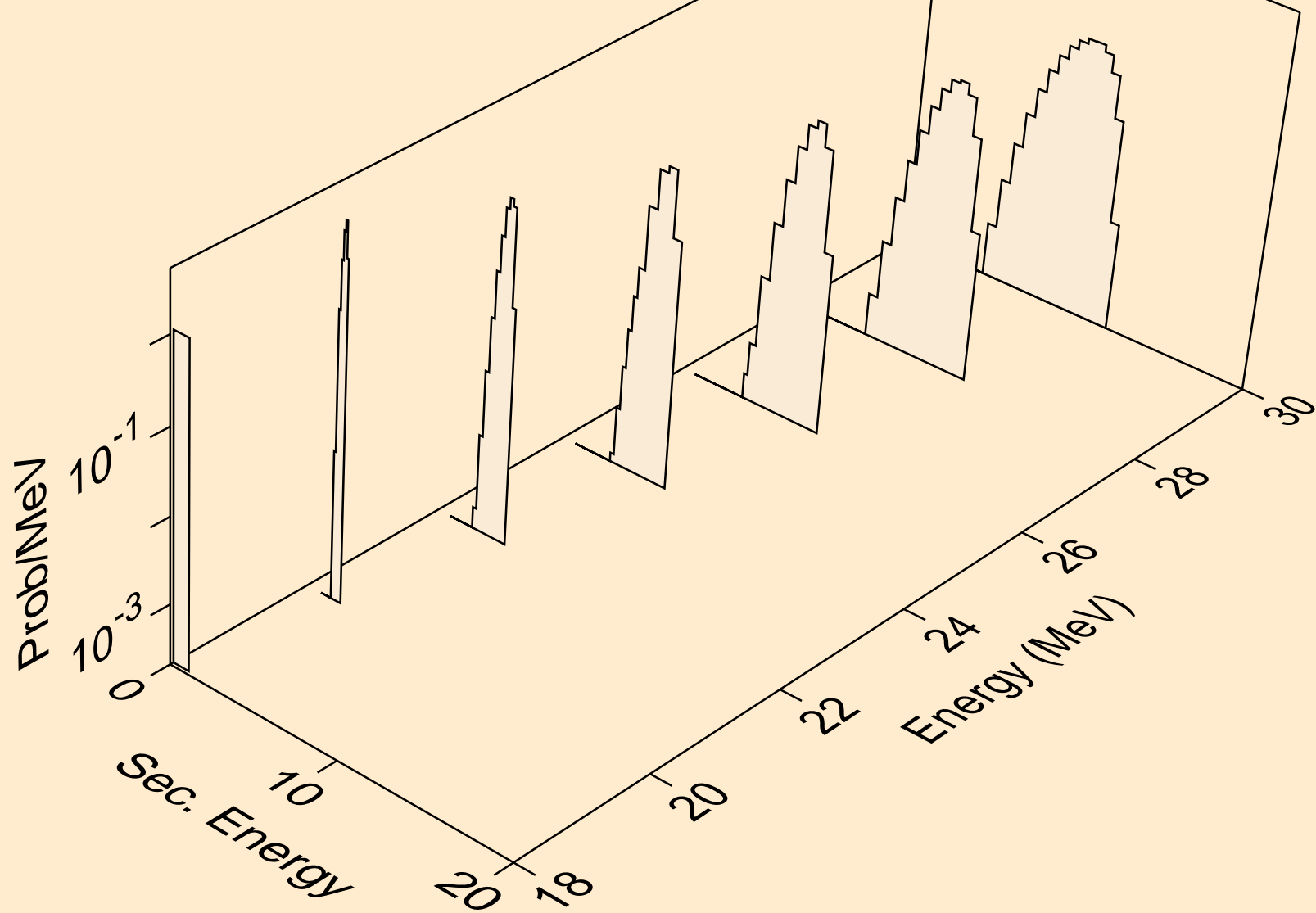


PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)

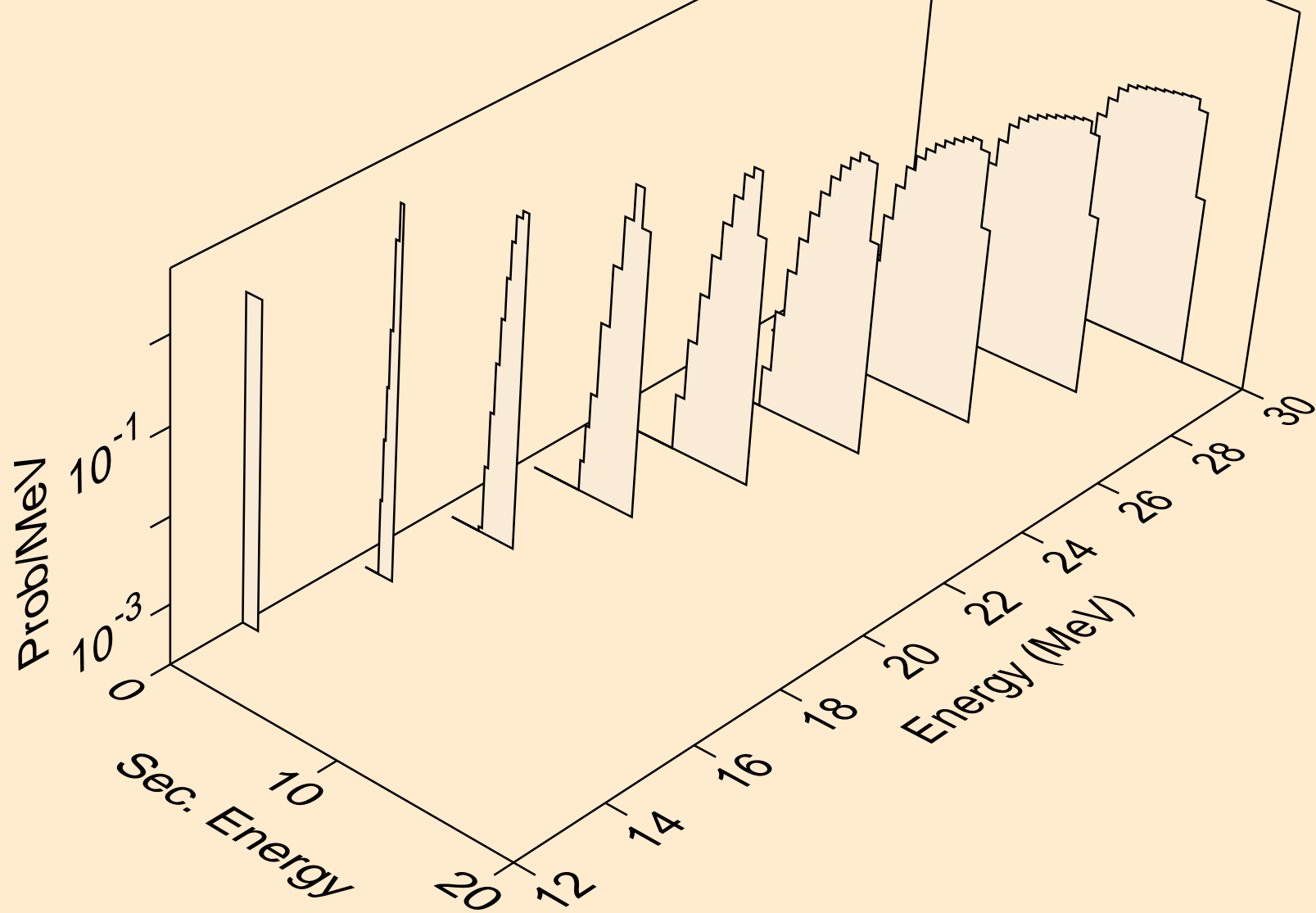




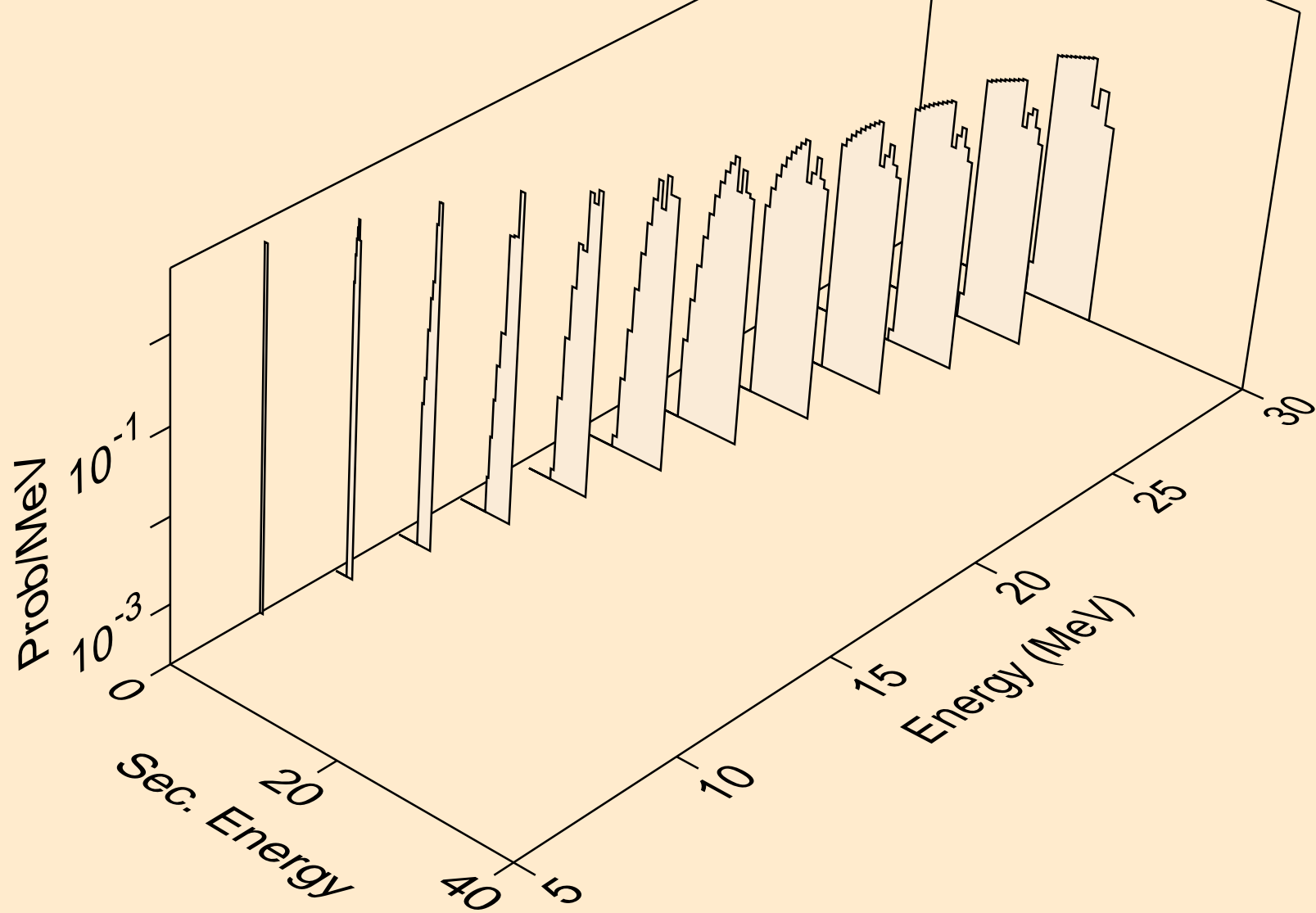
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,2nd)



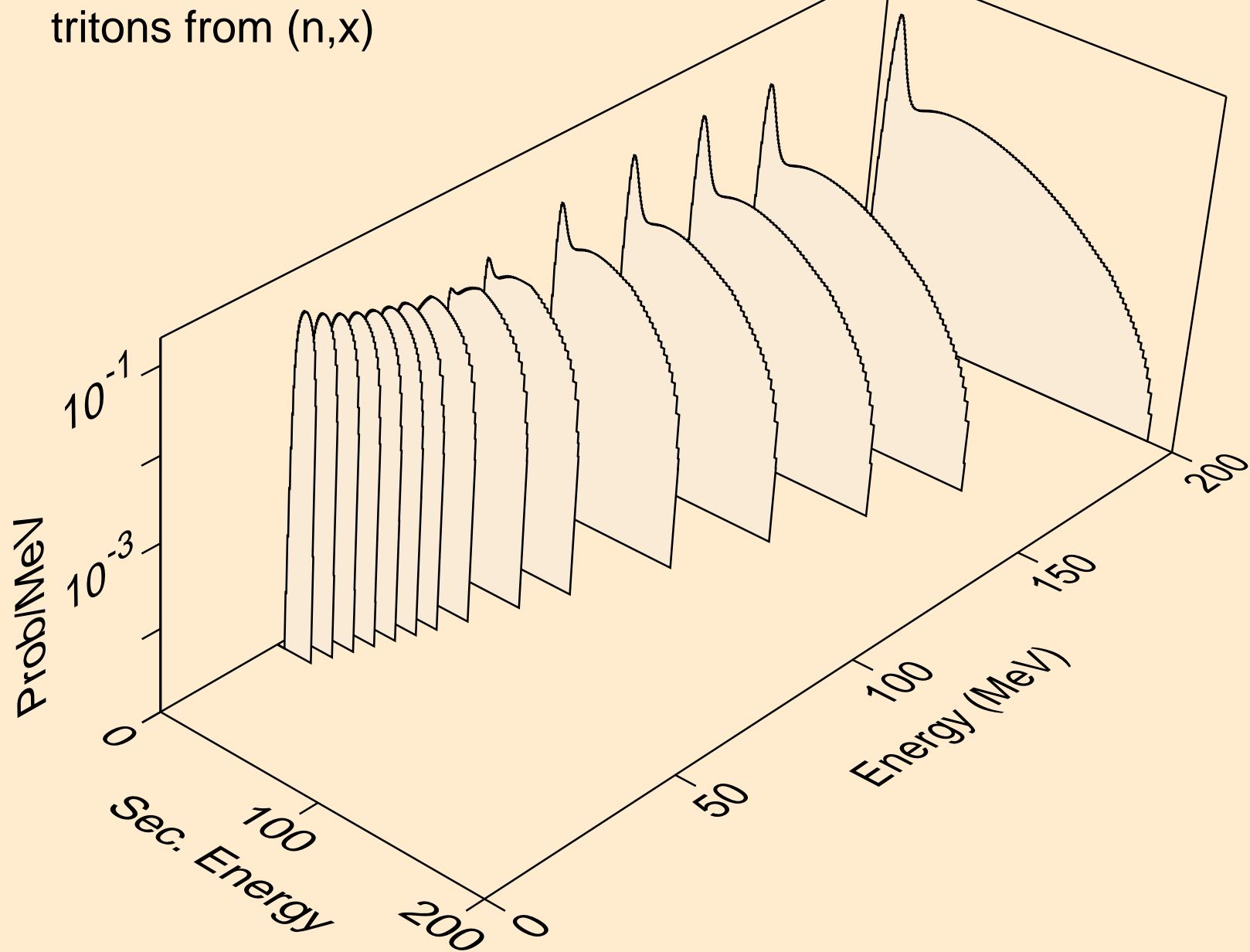
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d



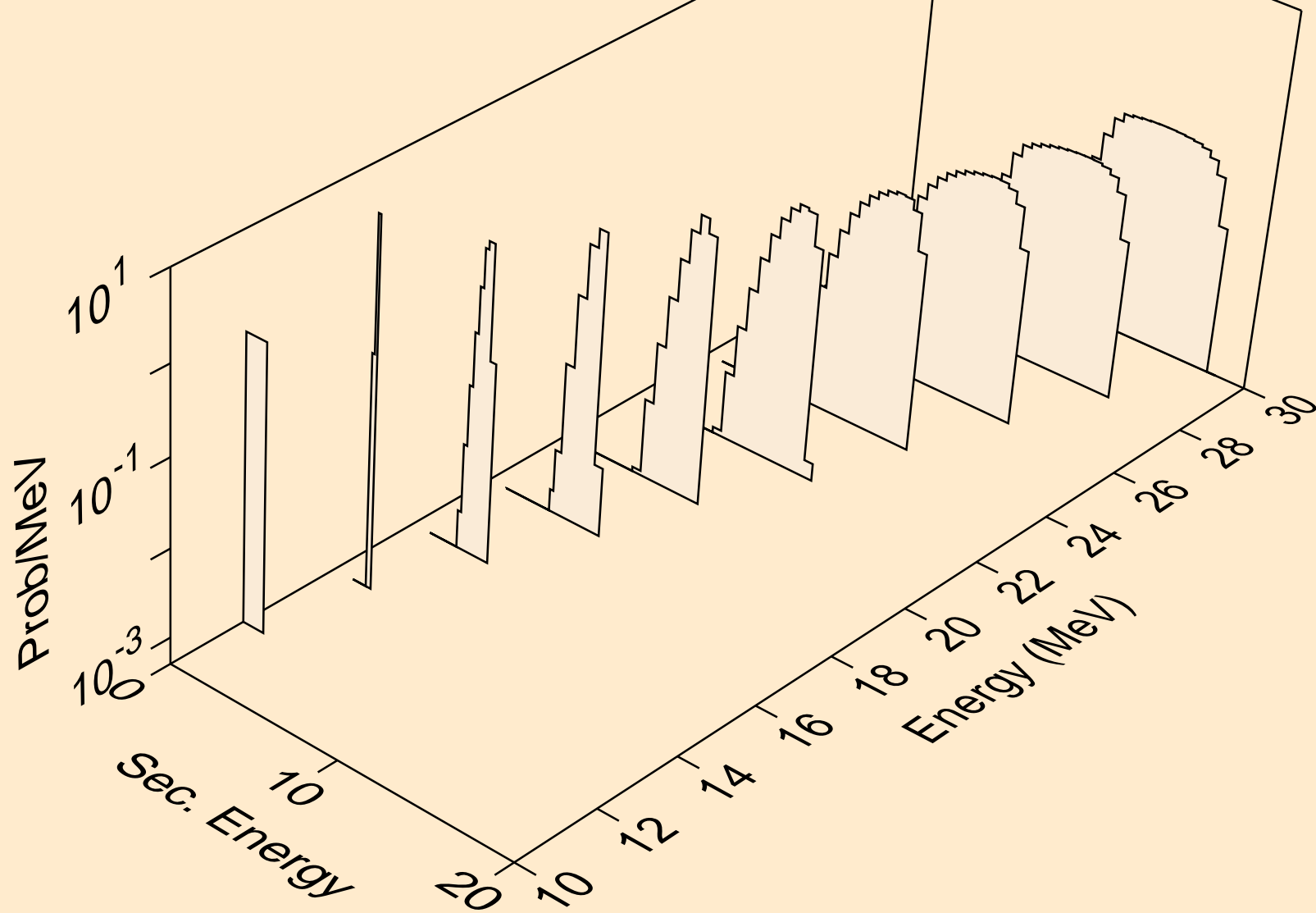
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,d)



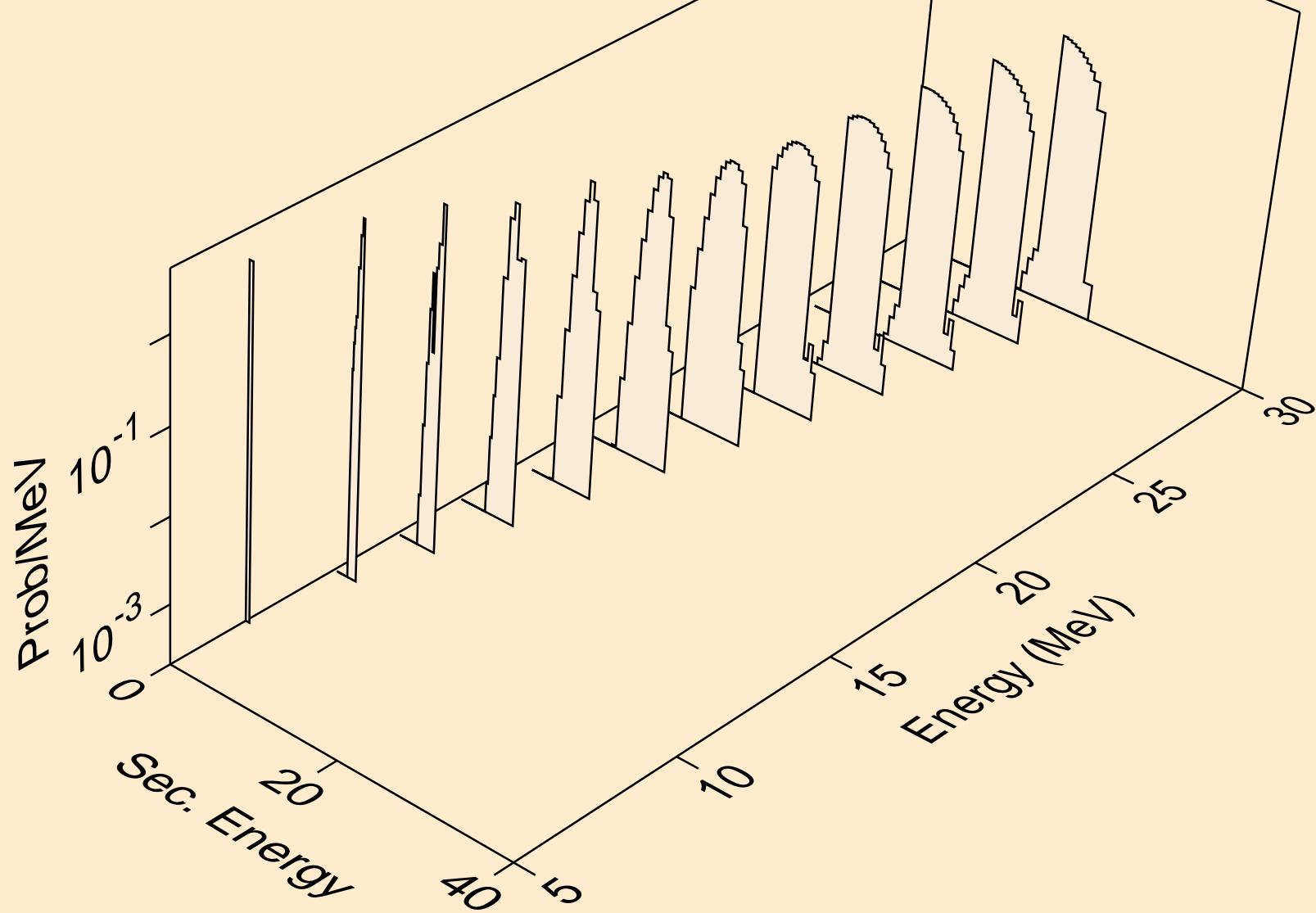
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)



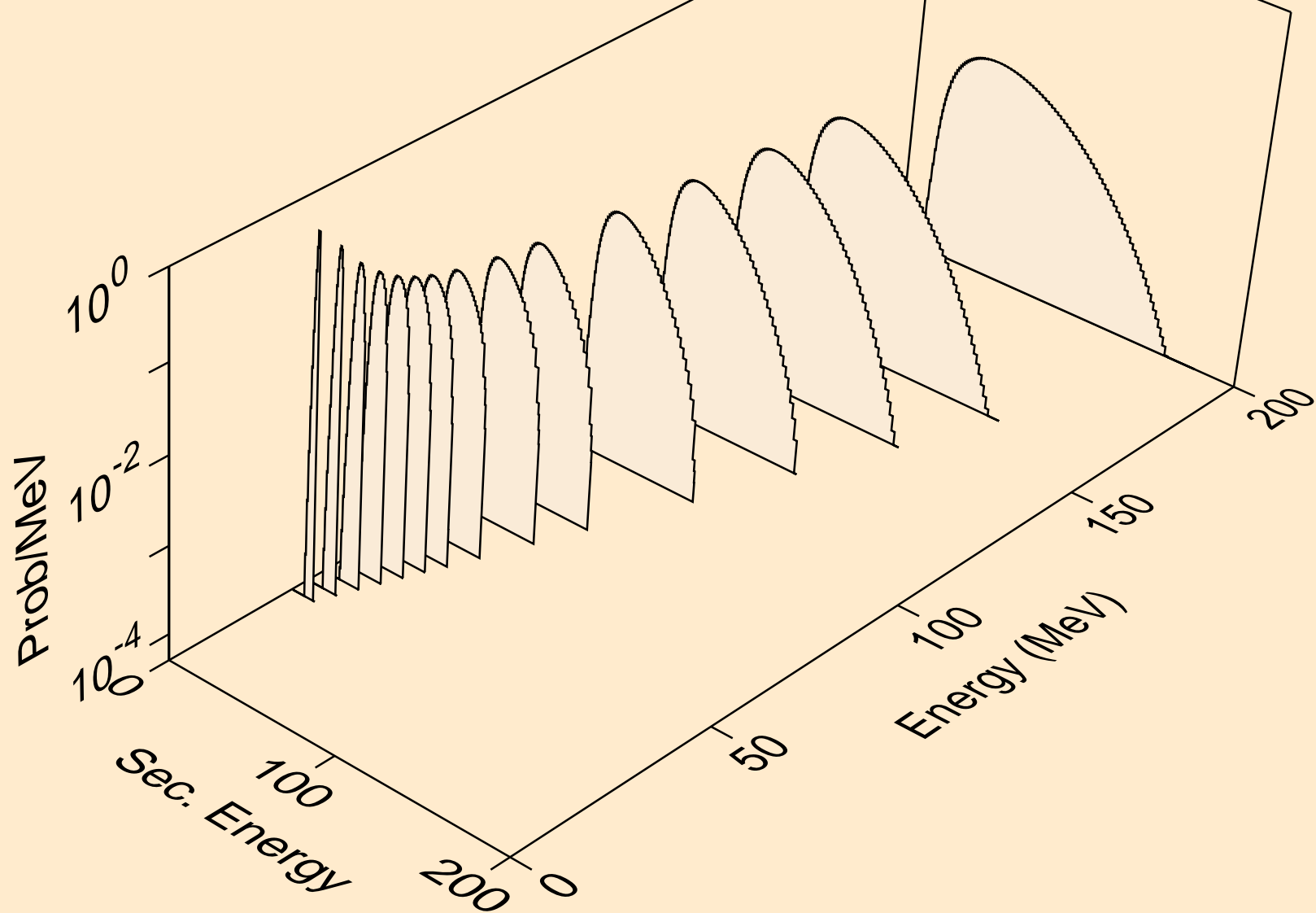
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



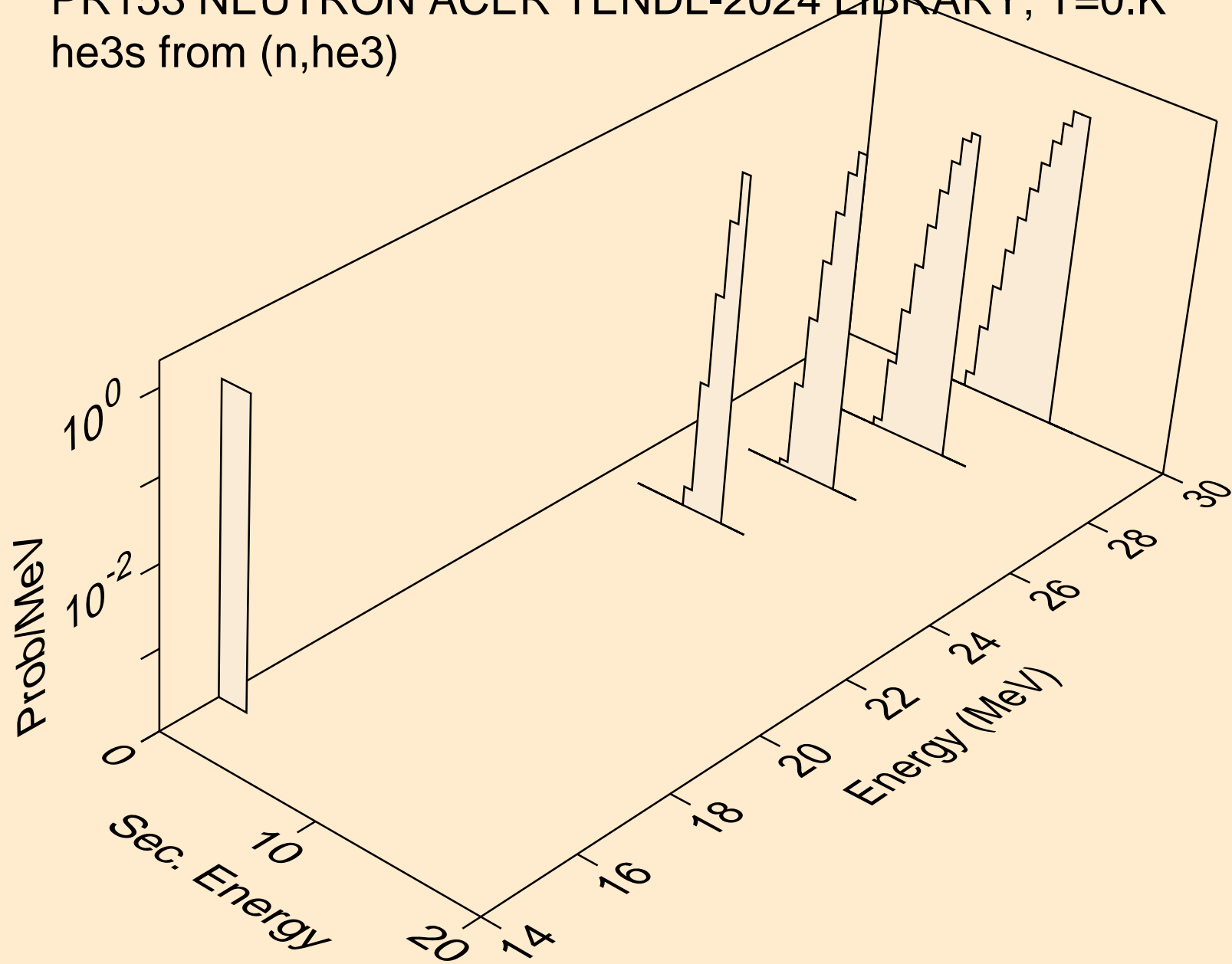
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)



PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)

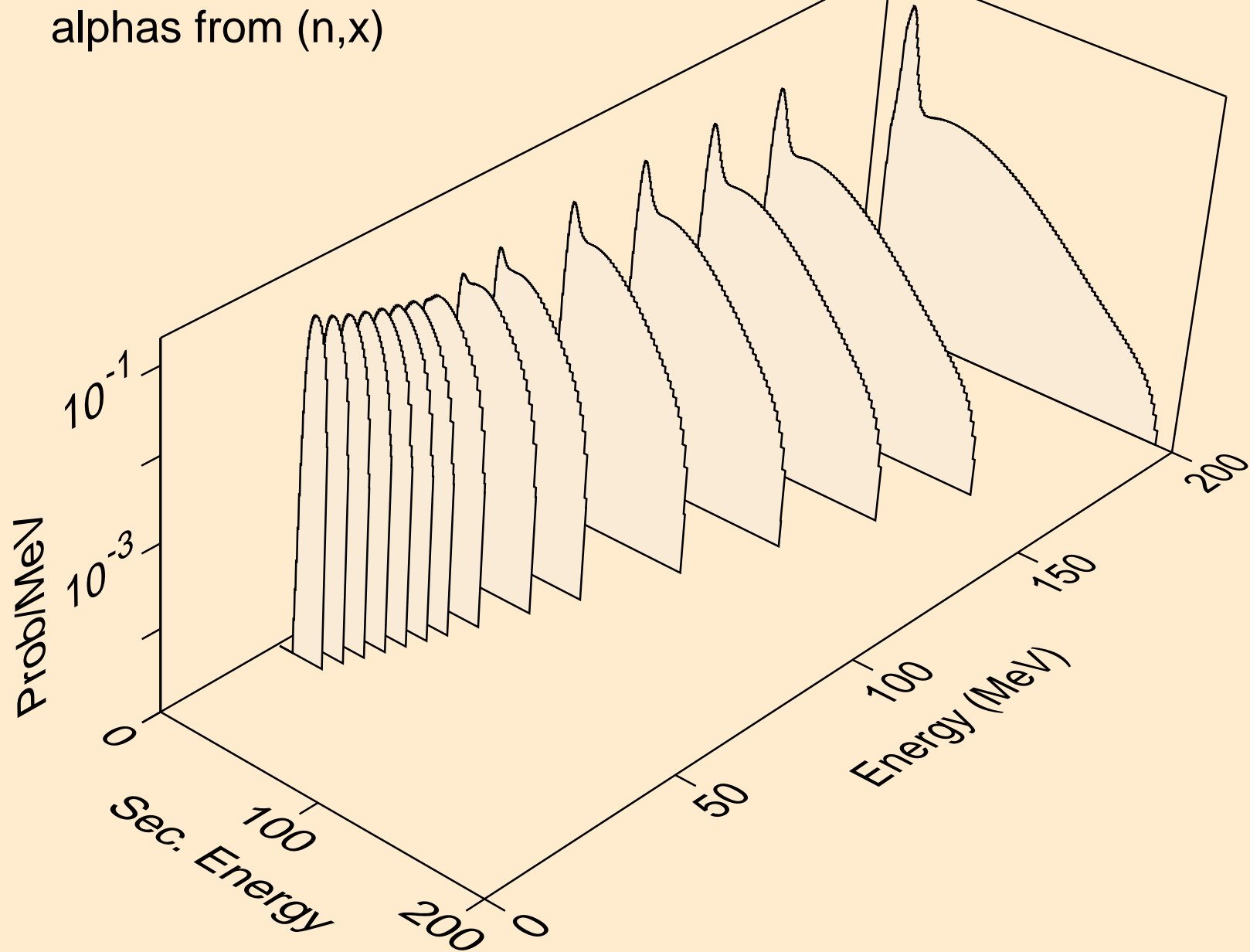


PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)

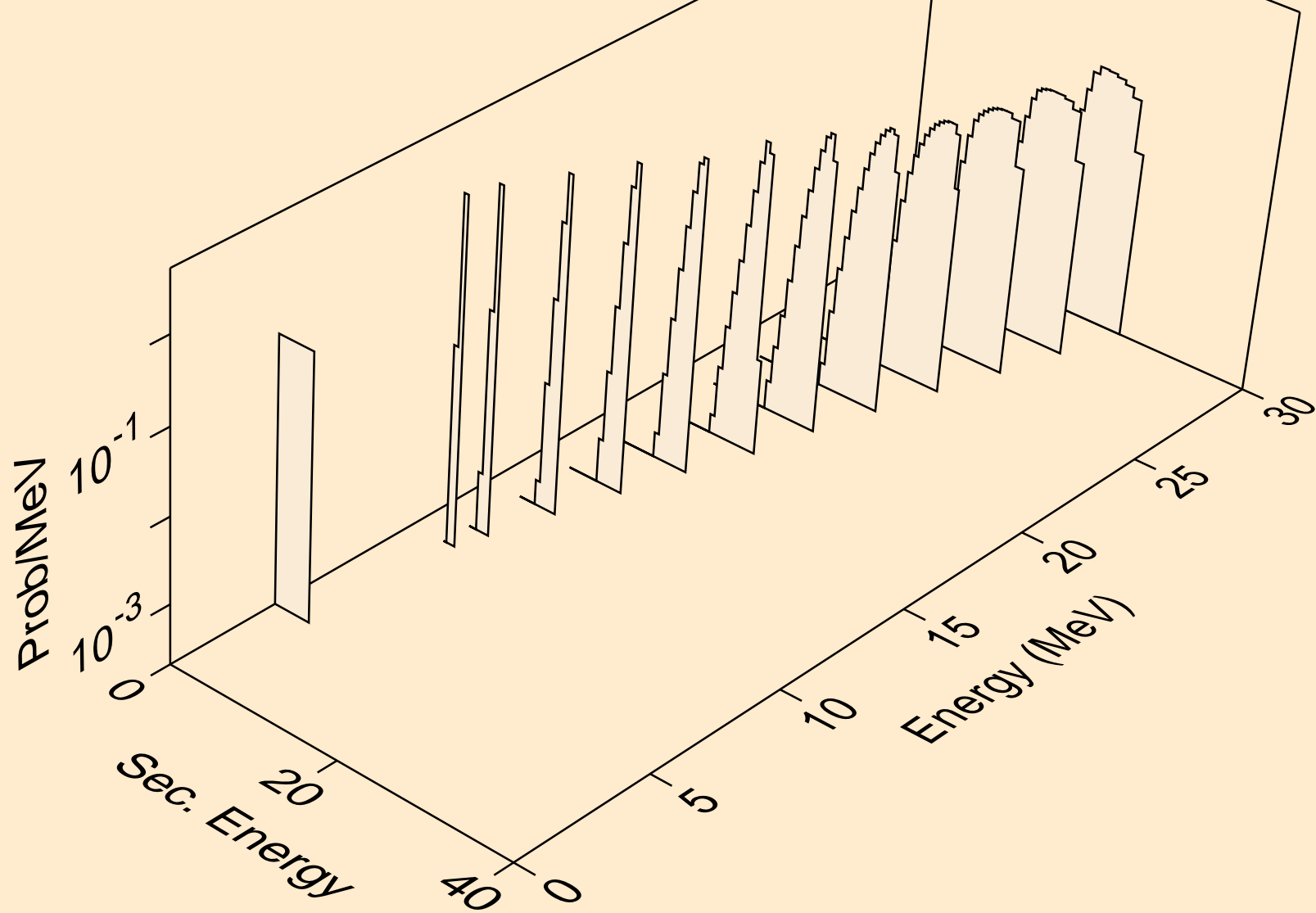




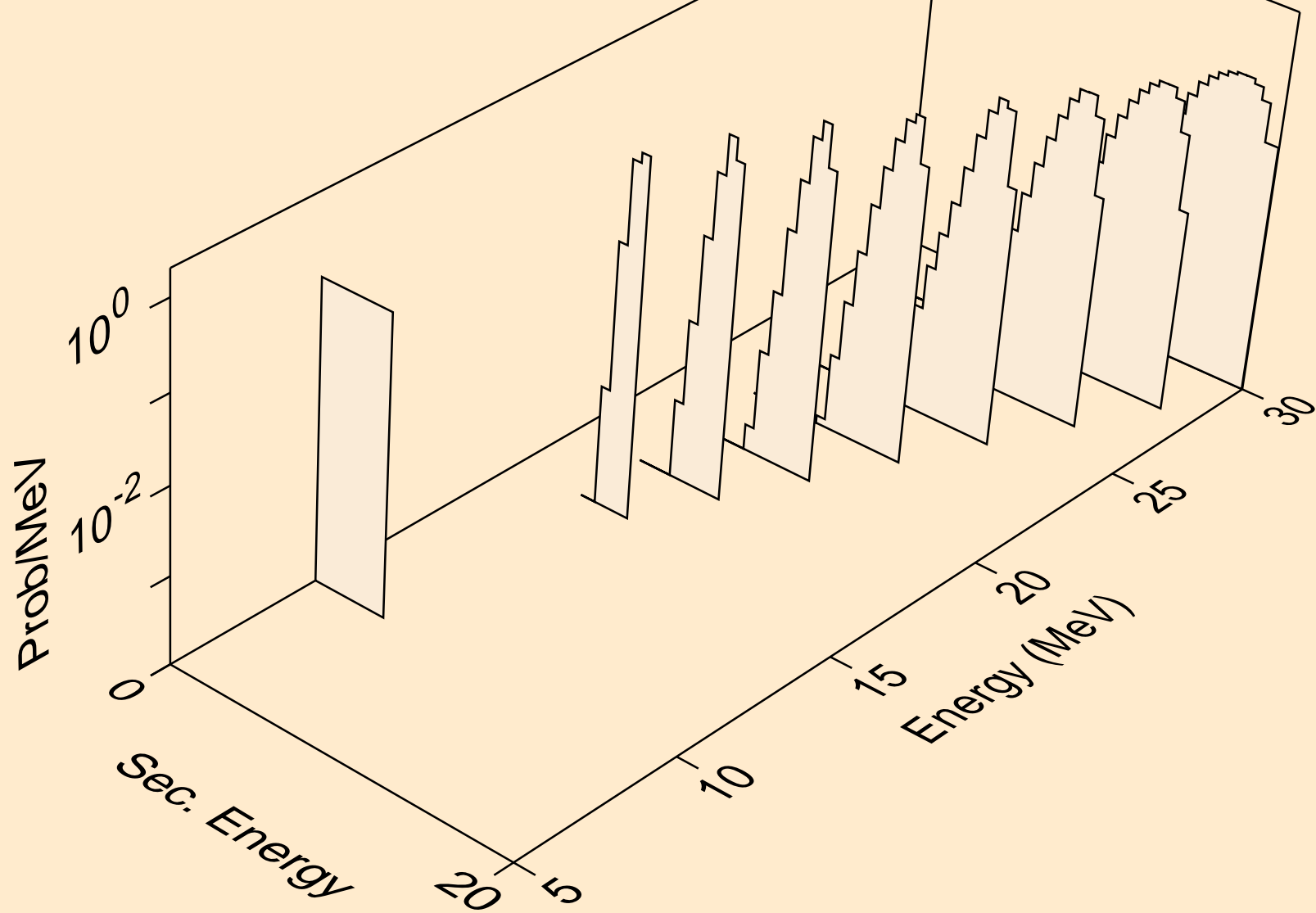
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



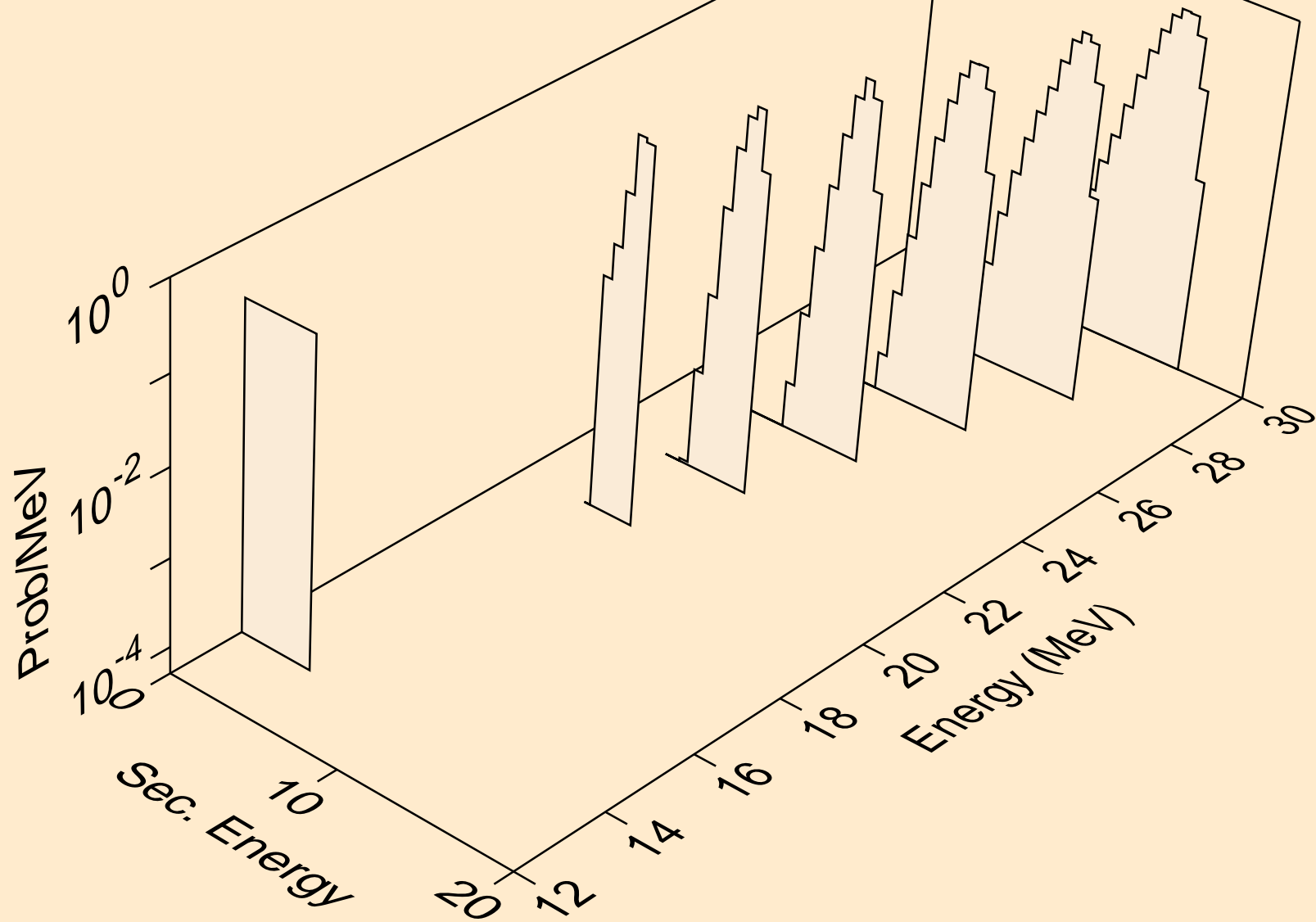
PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



PR153 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)

