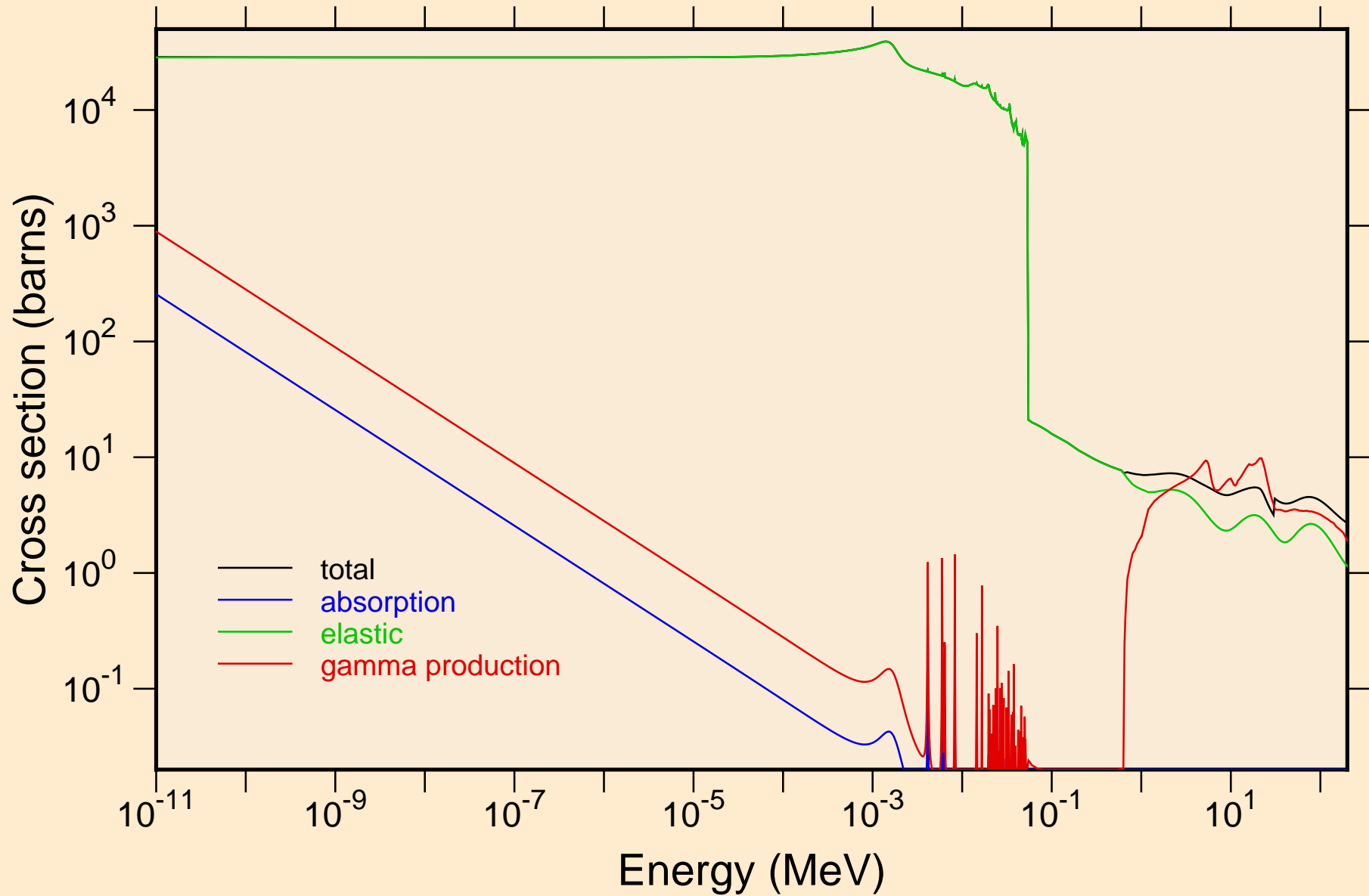
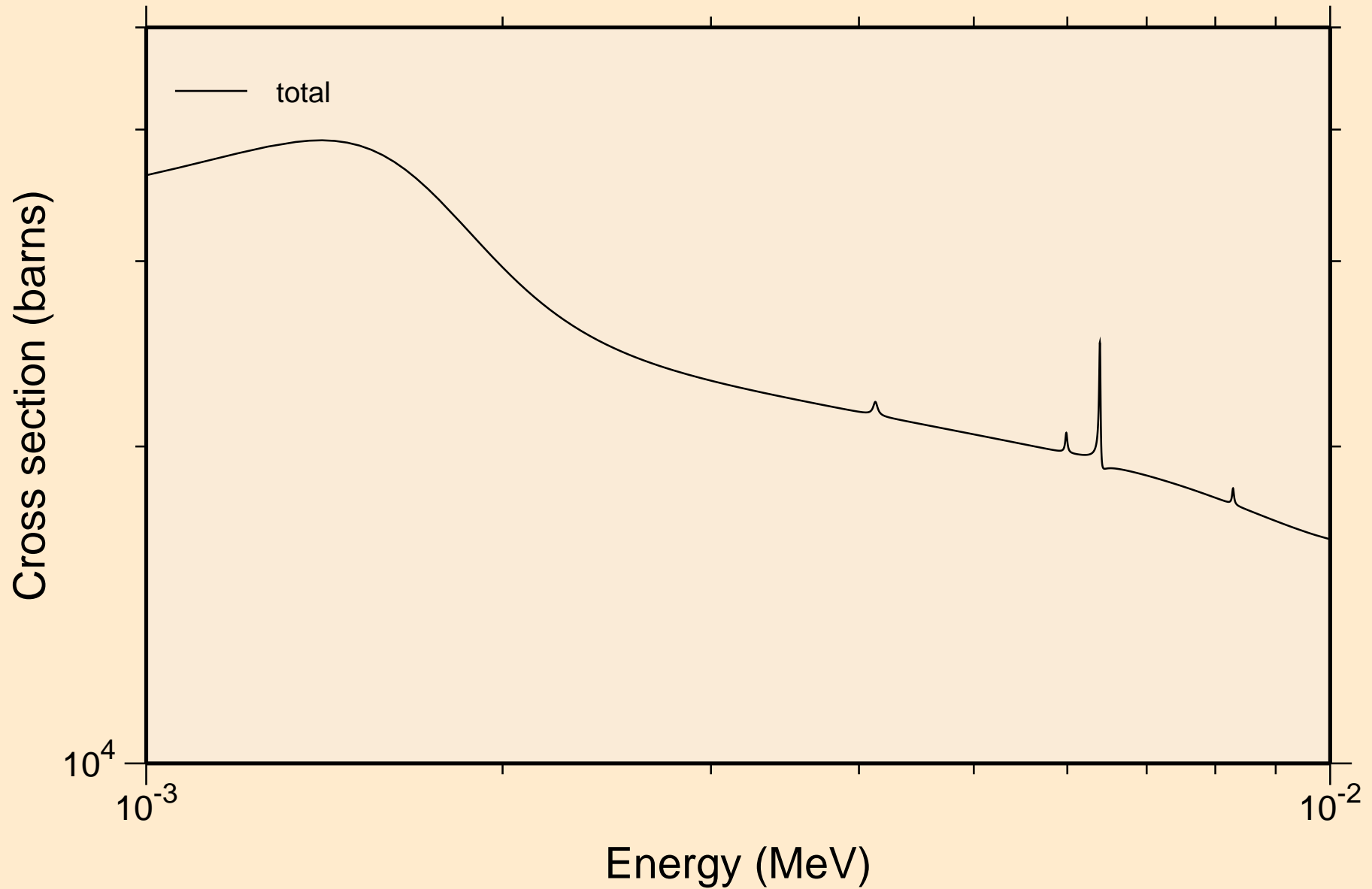


# ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

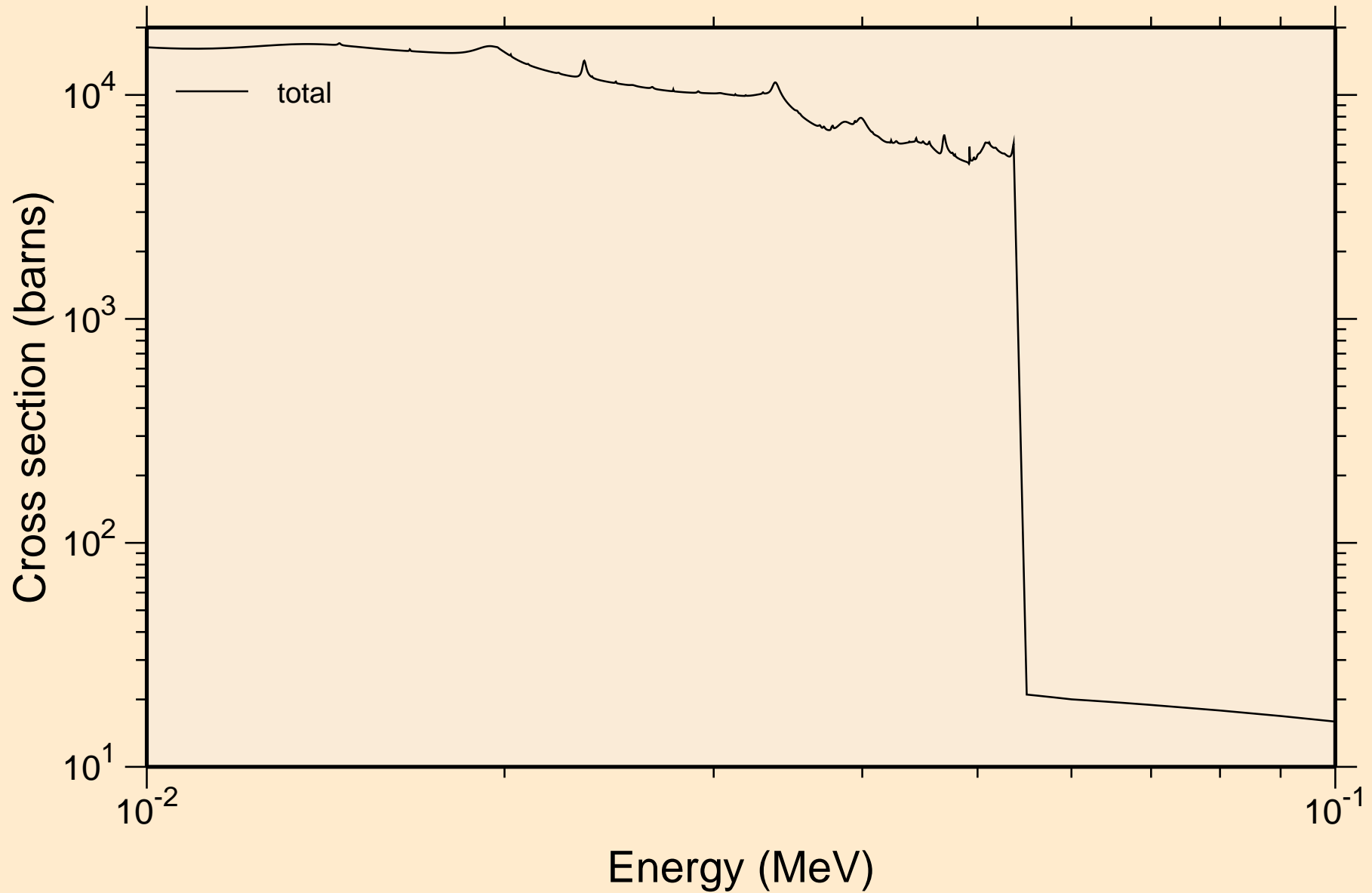
## Principal cross sections



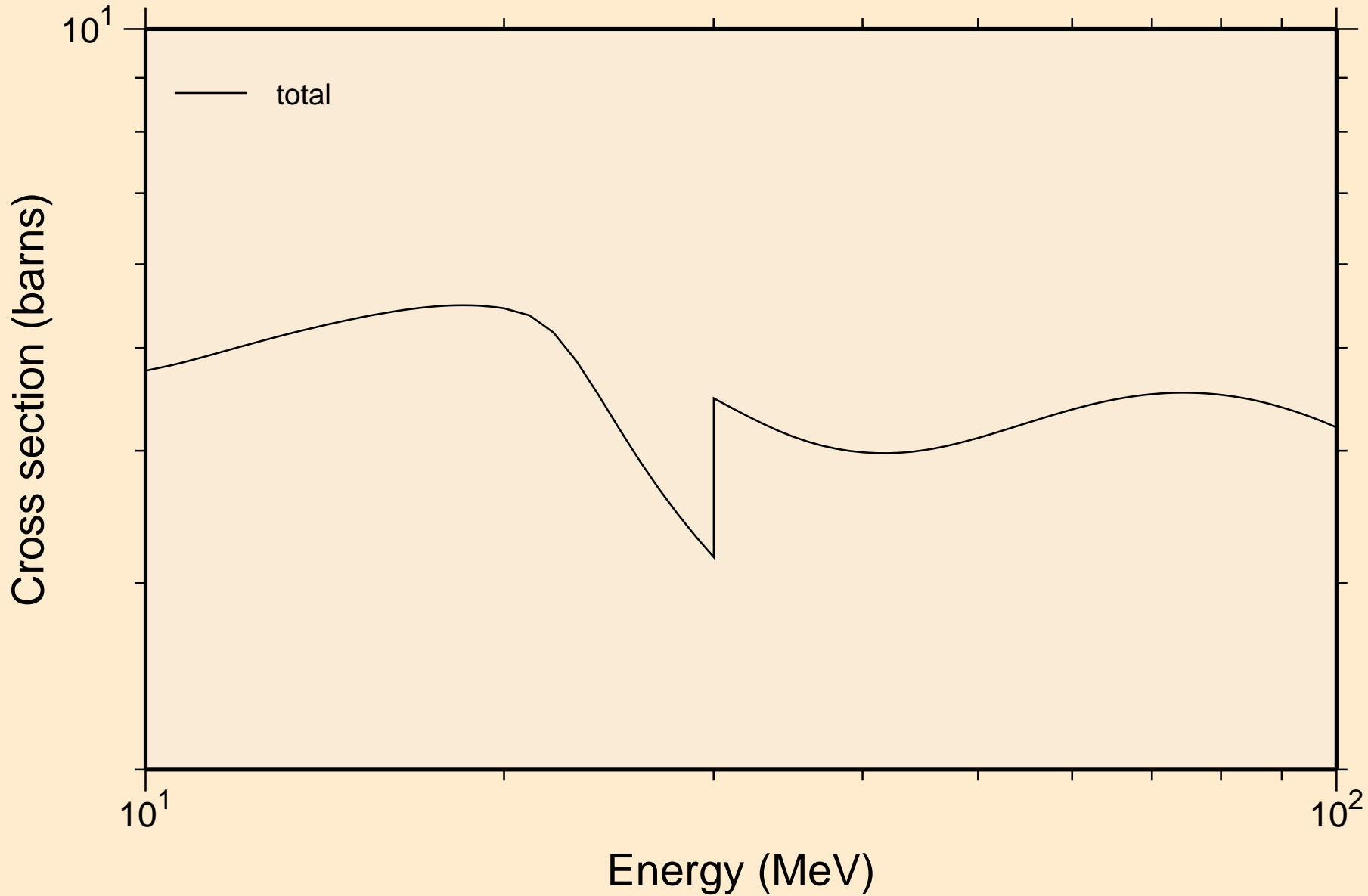
ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



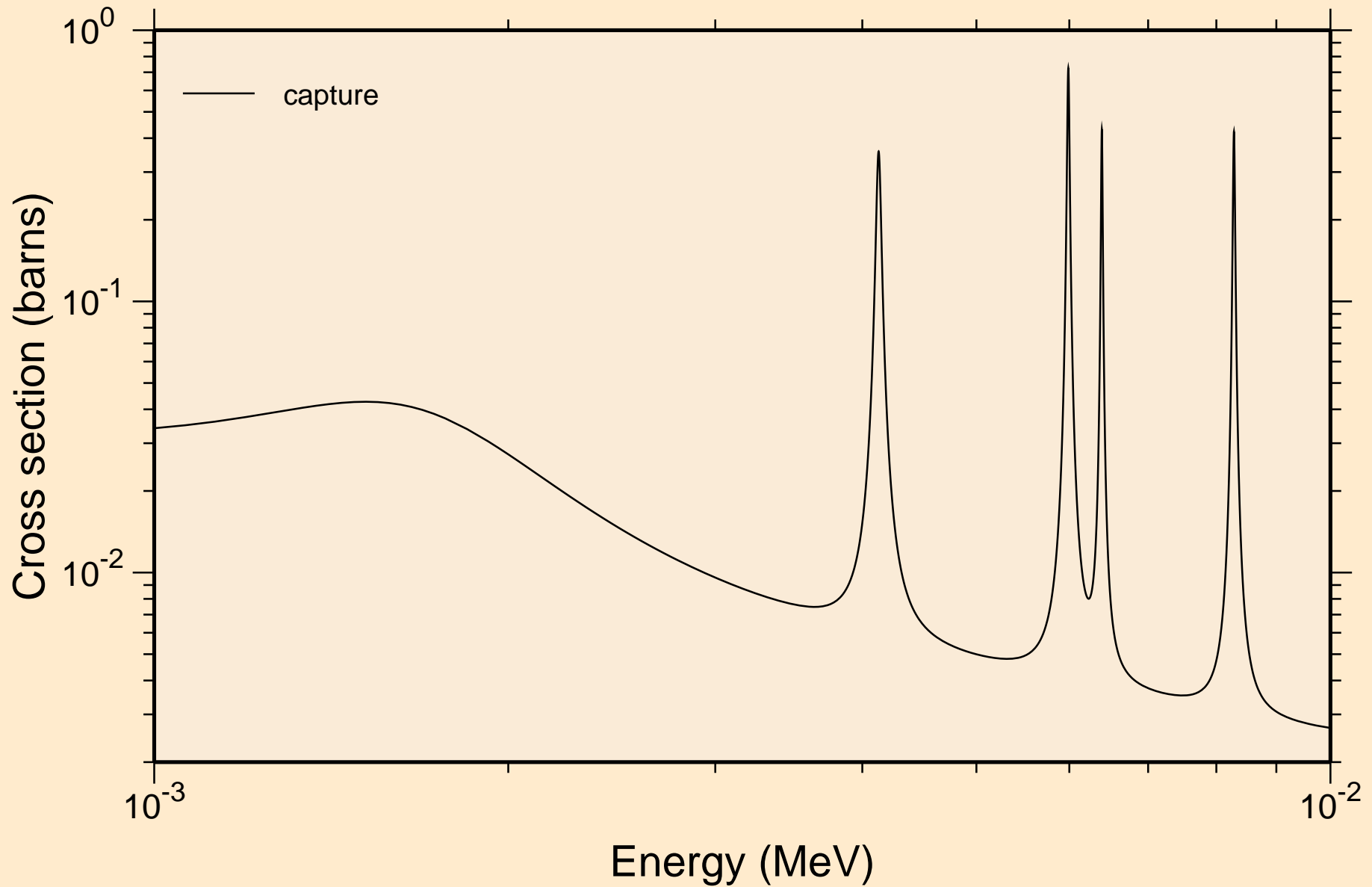
ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



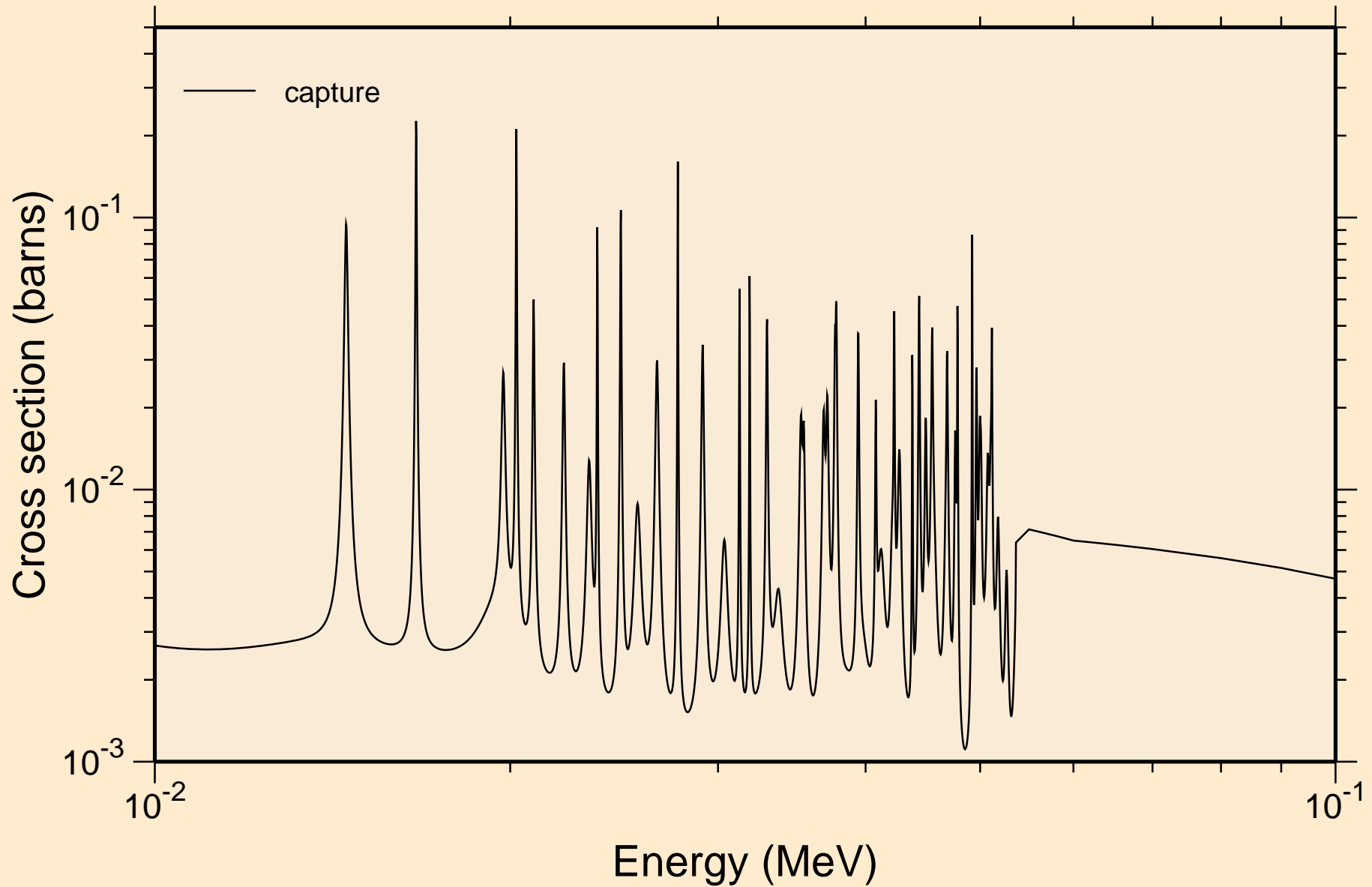
ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



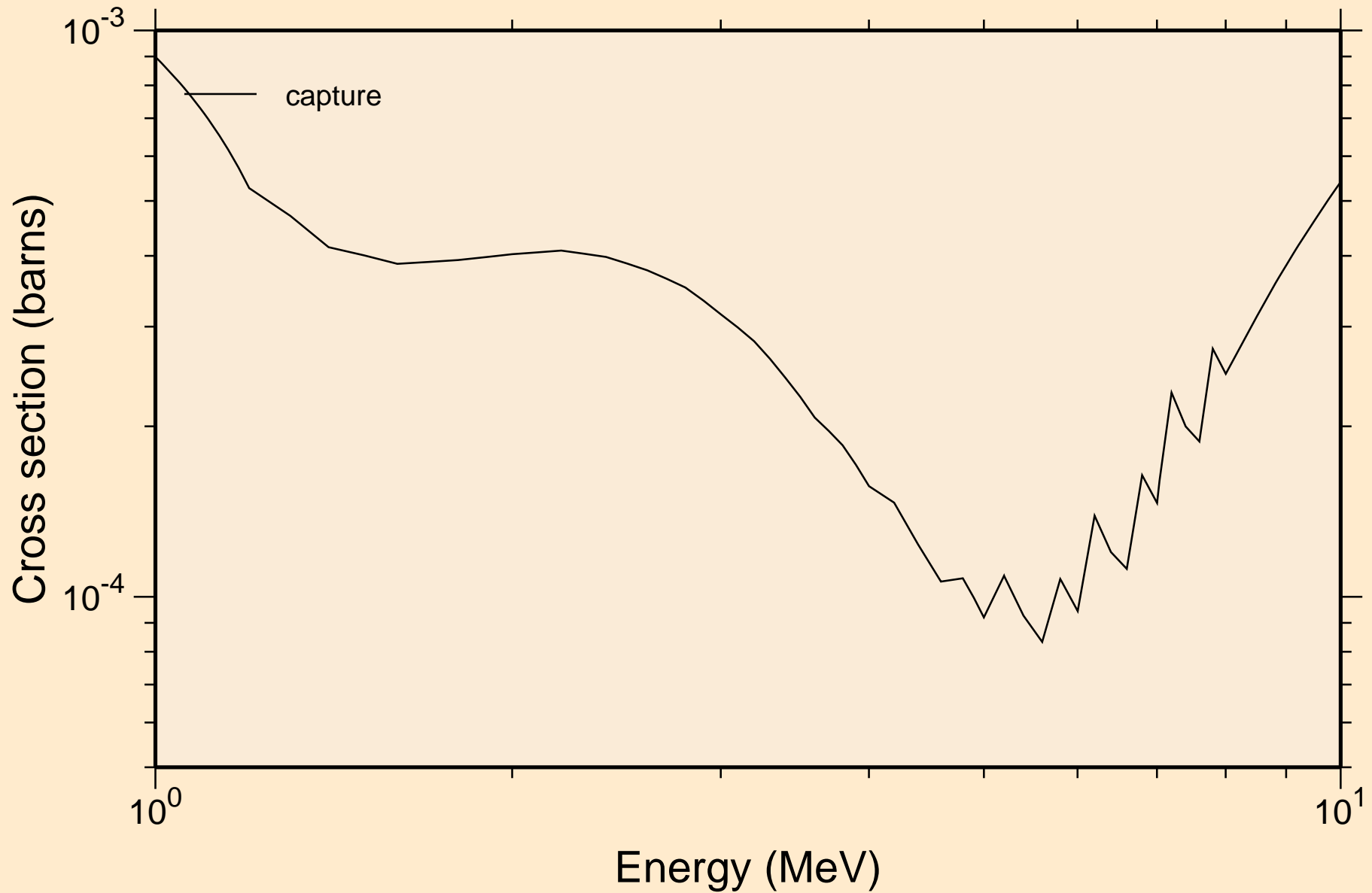
ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

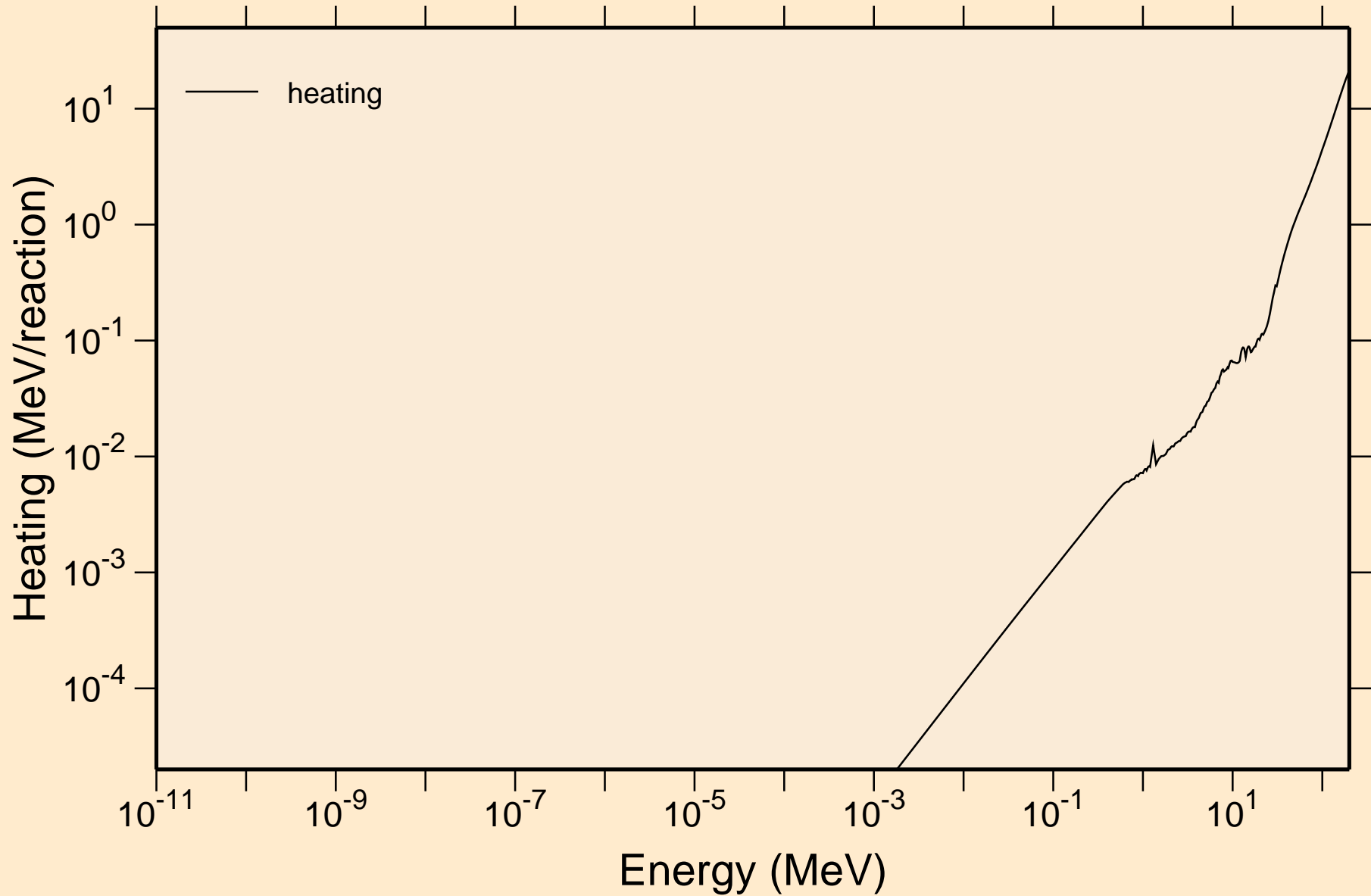


ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



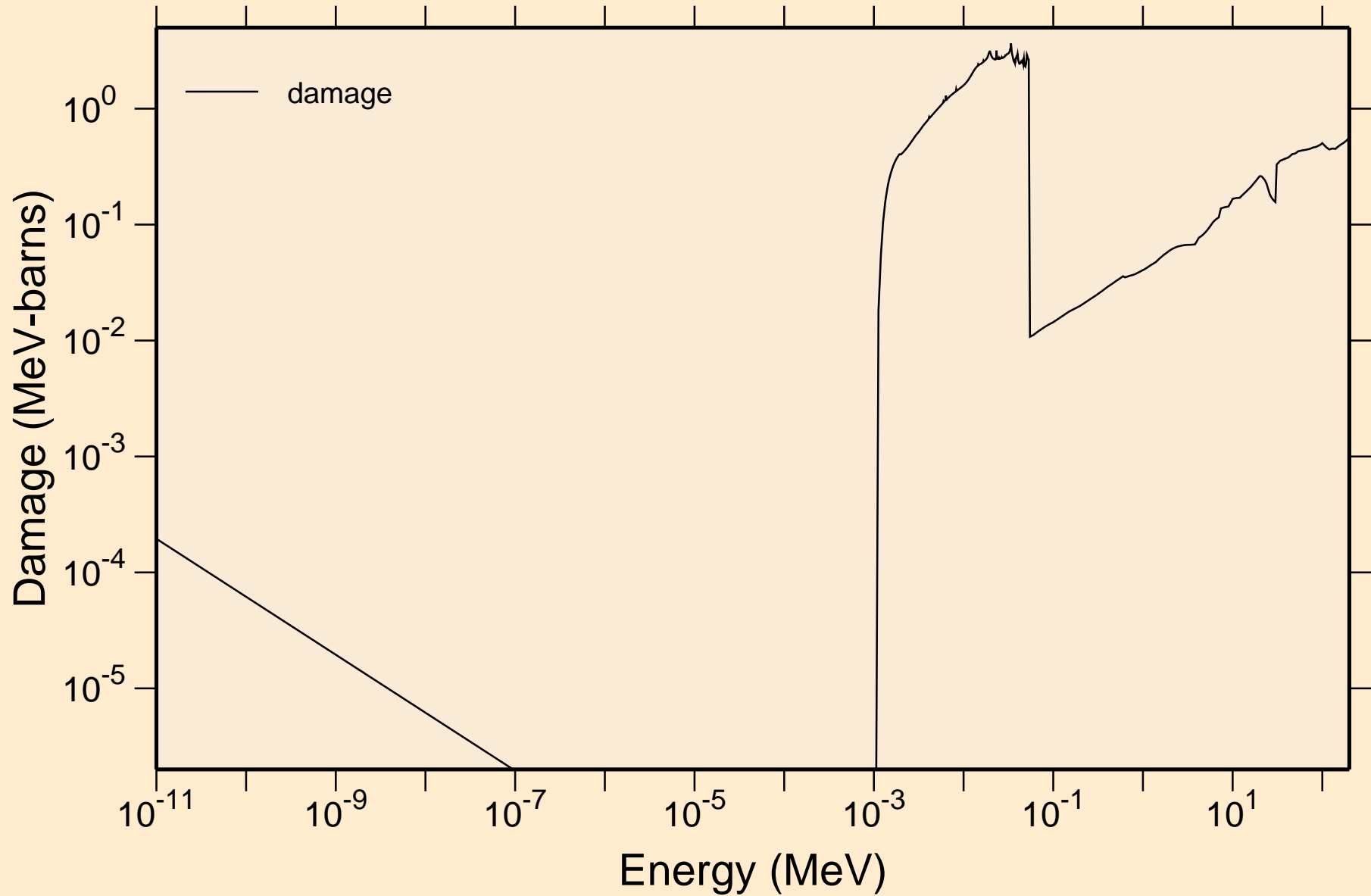
# ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



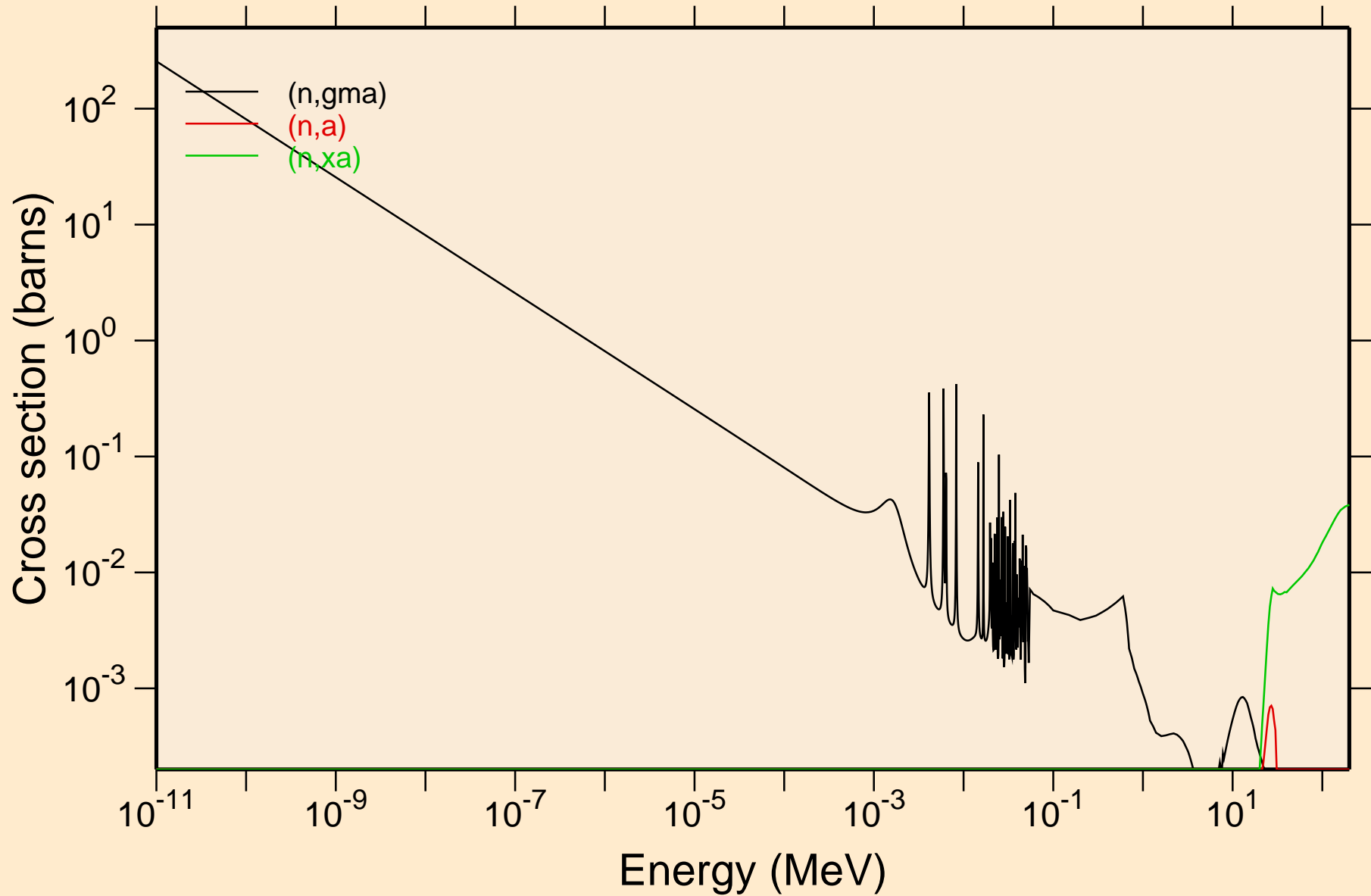


ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



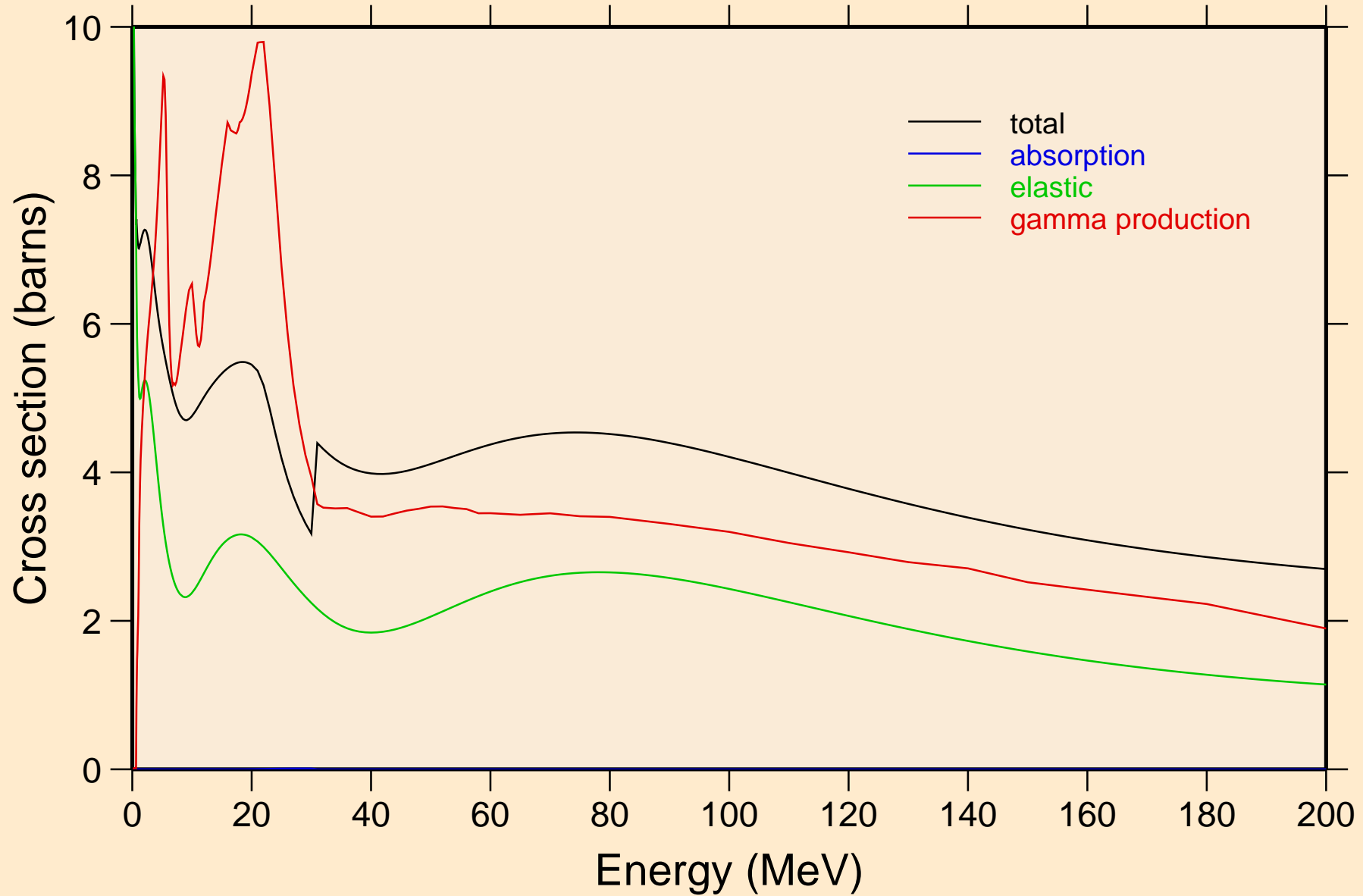
# ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions



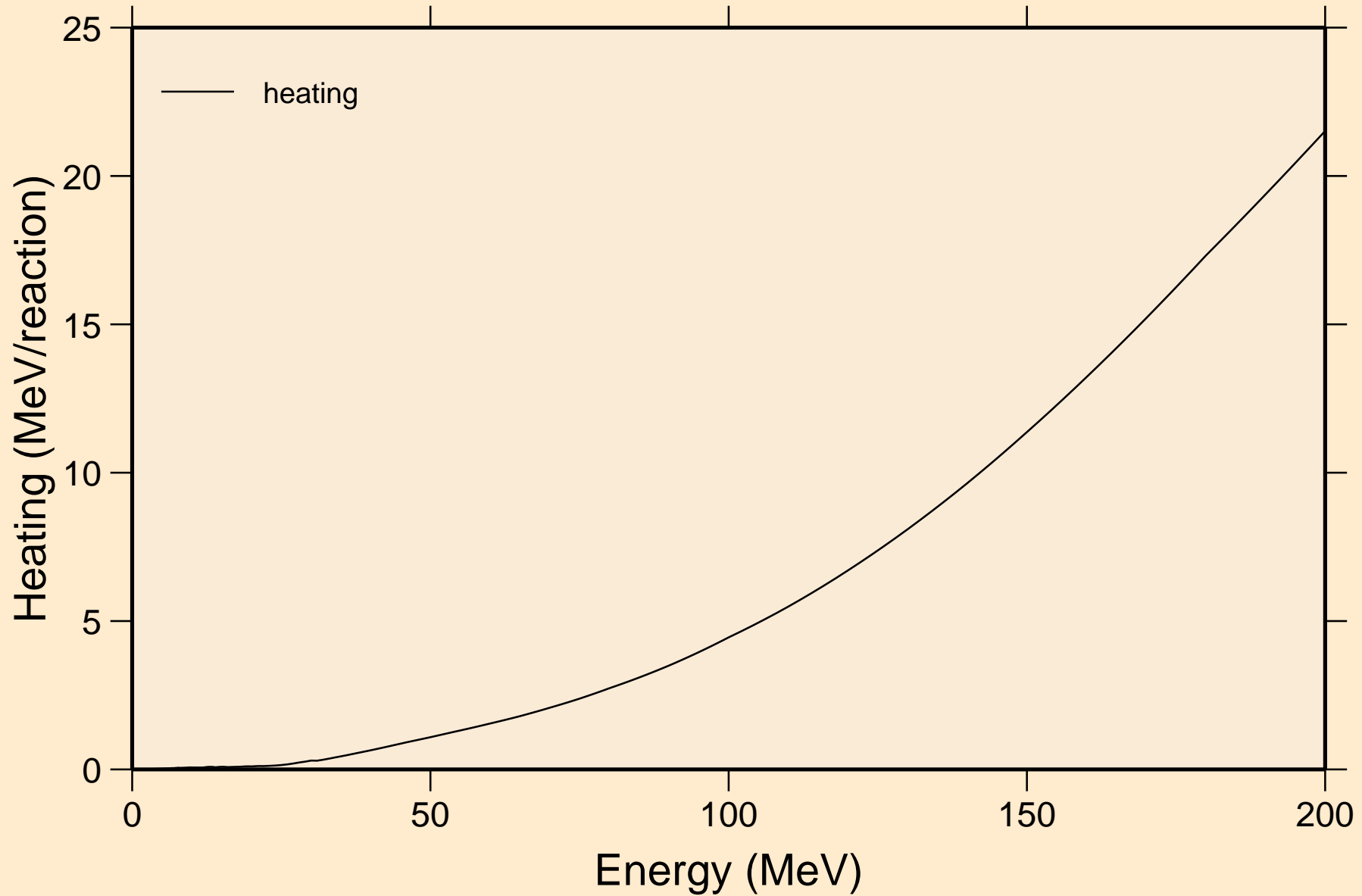
# ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



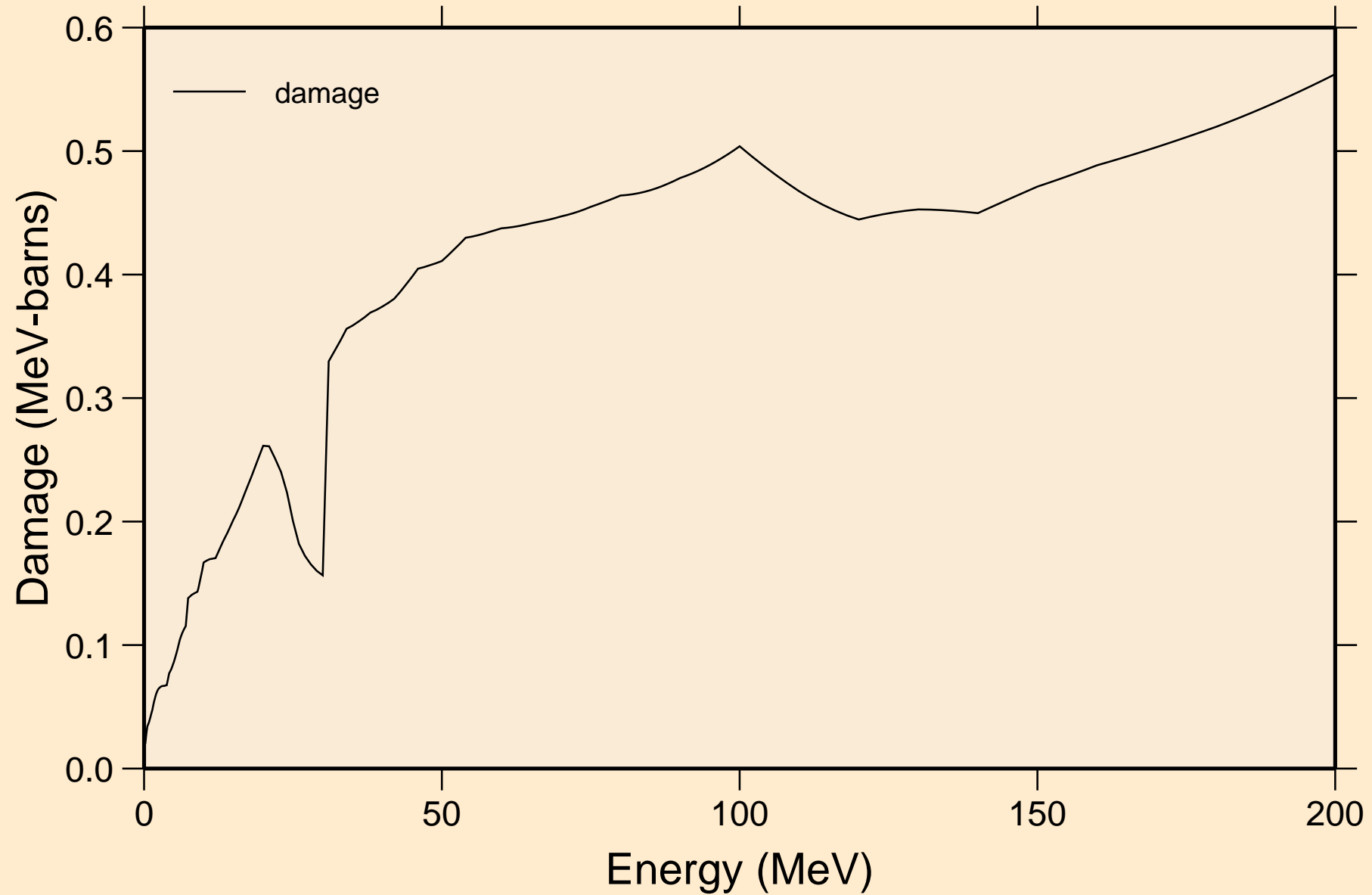
# ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



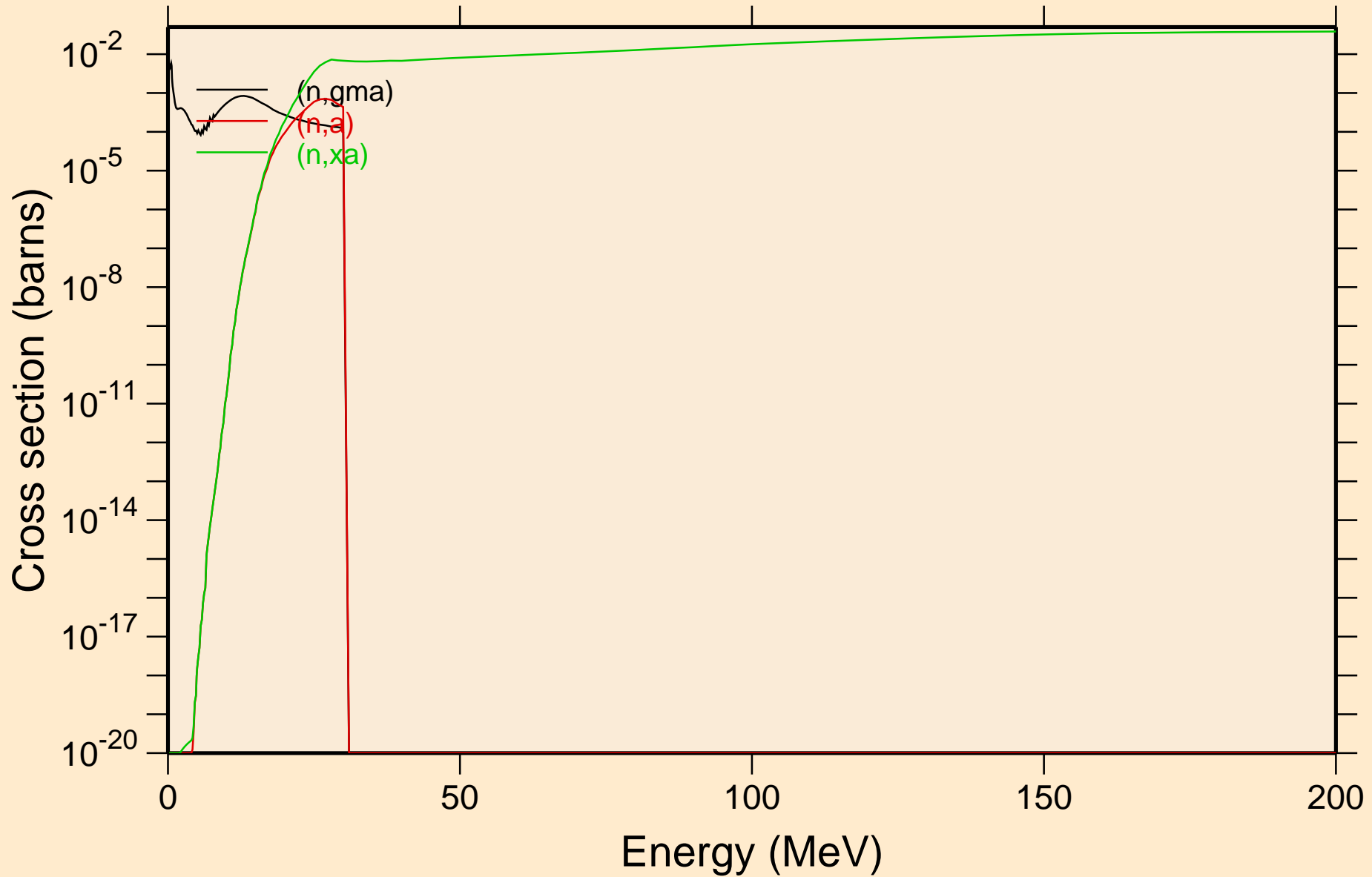
# ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

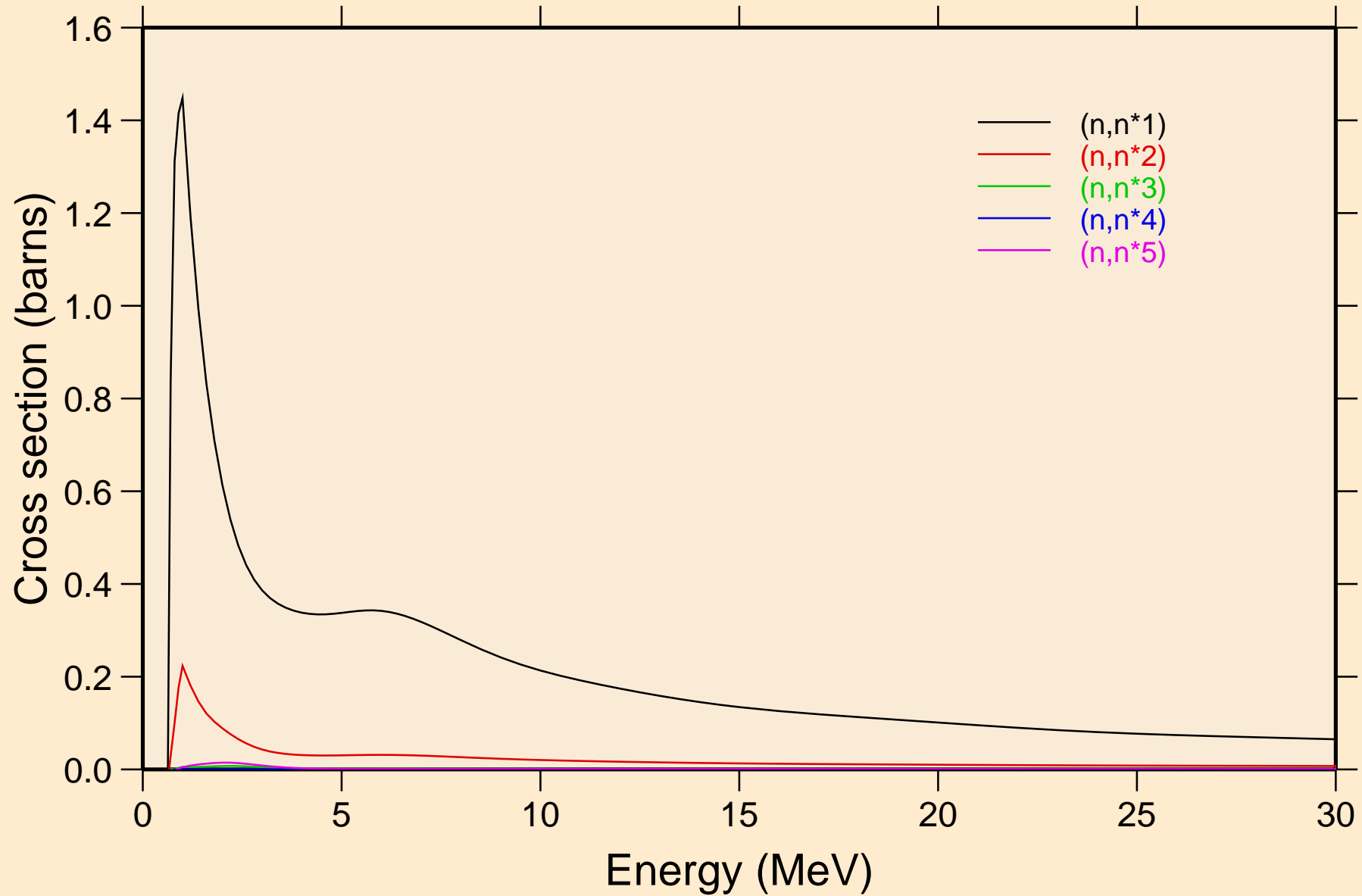


# ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

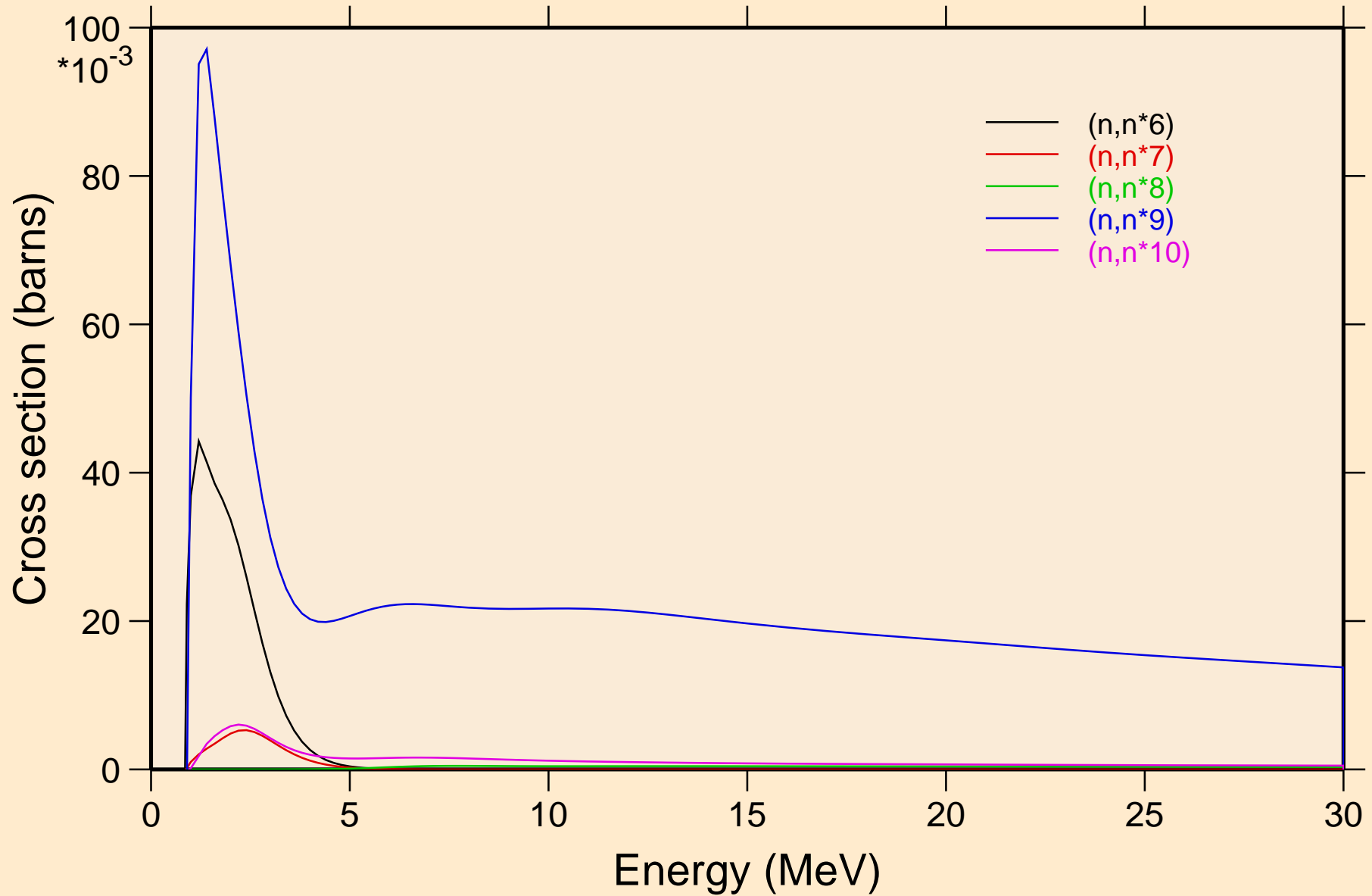
## Non-threshold reactions



ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

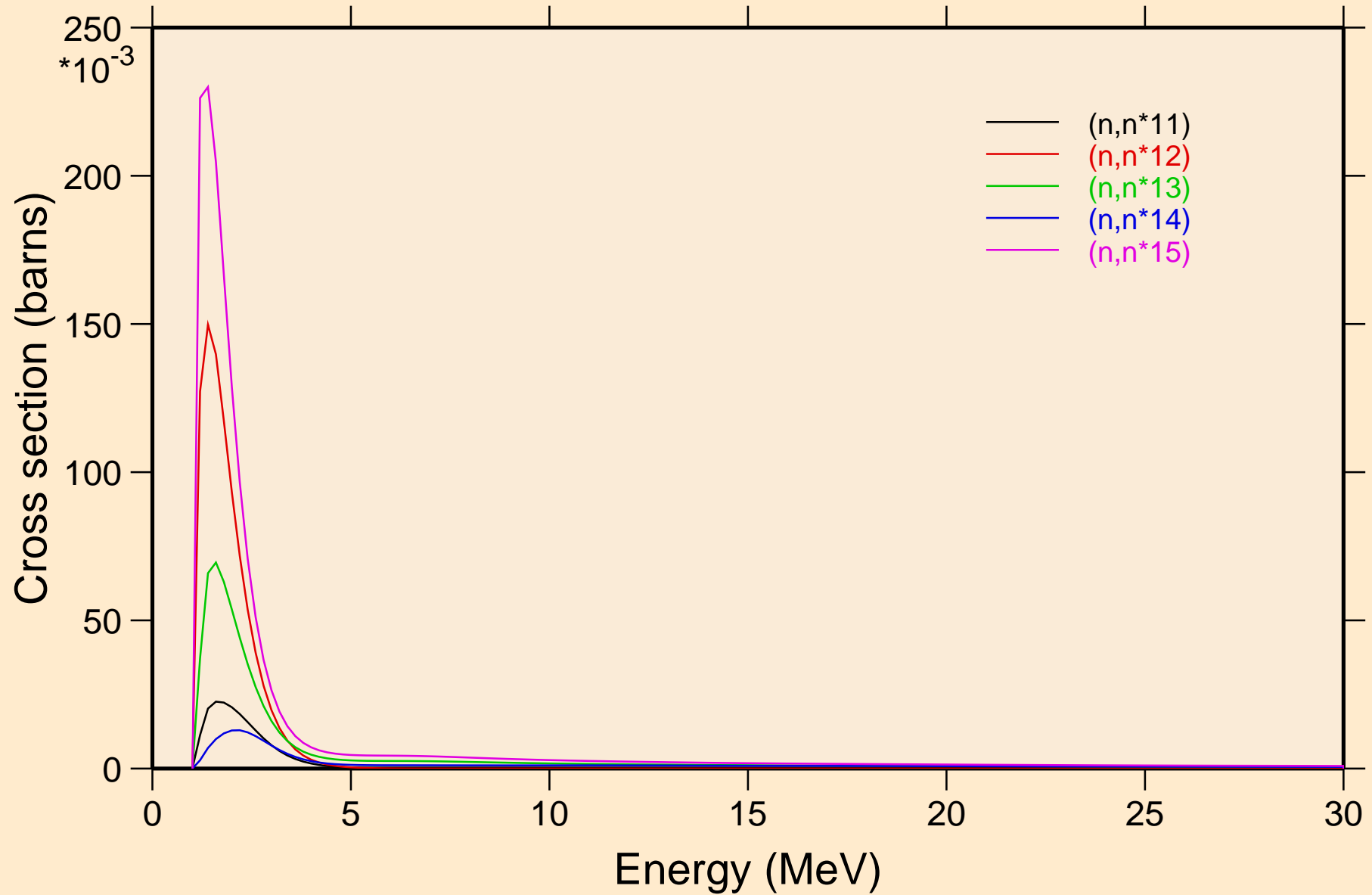


ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

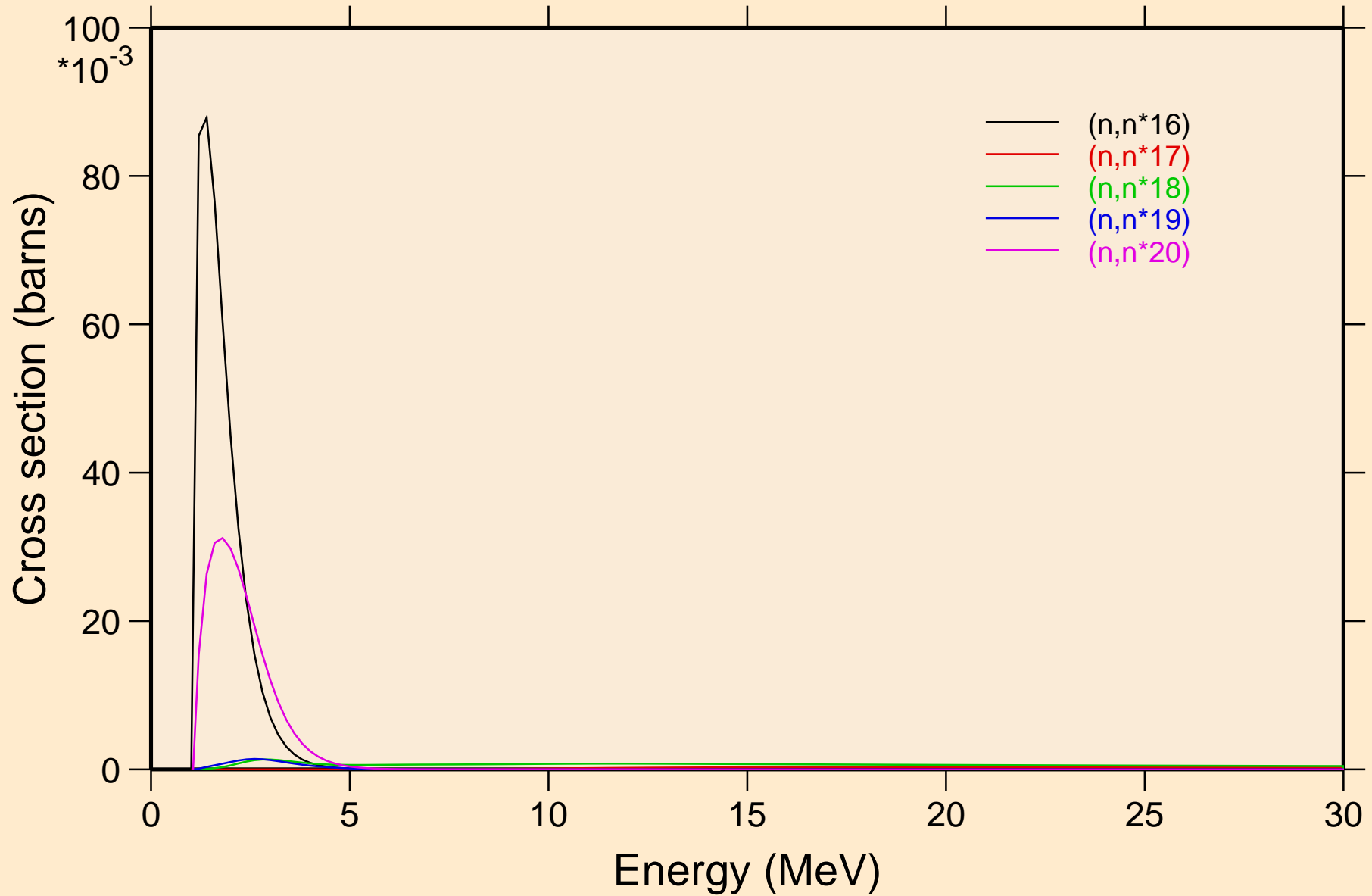




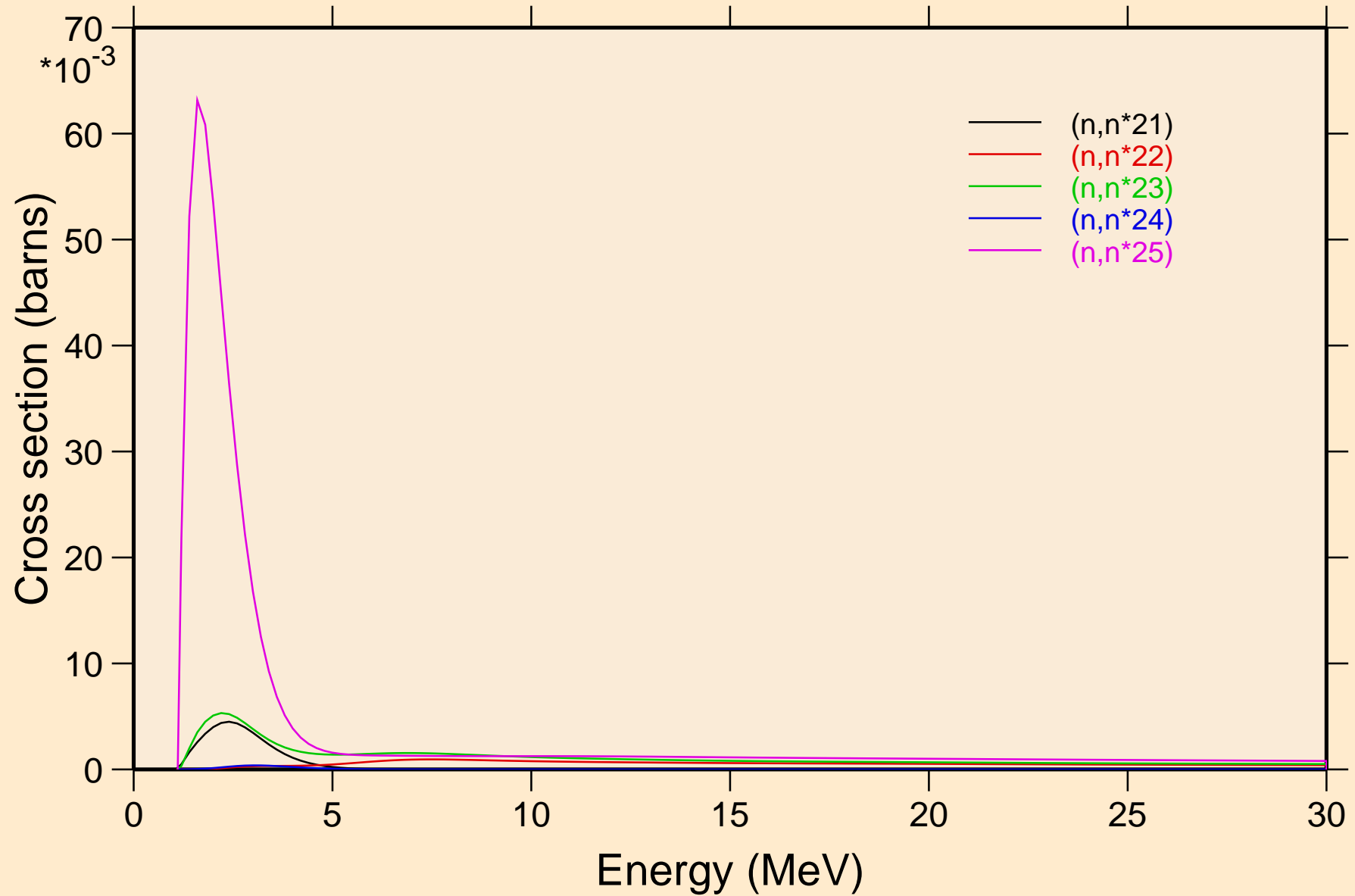
ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



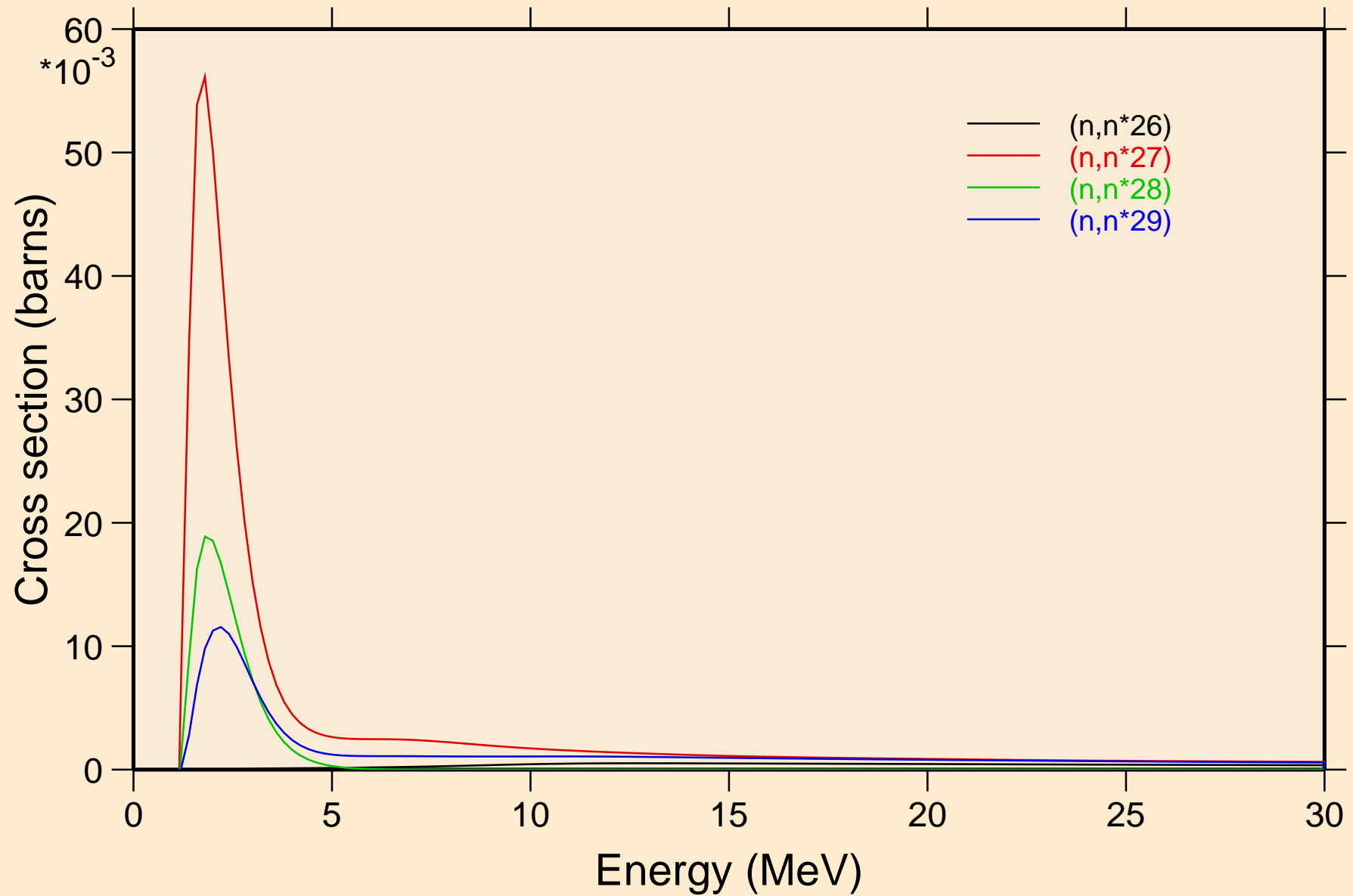
ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



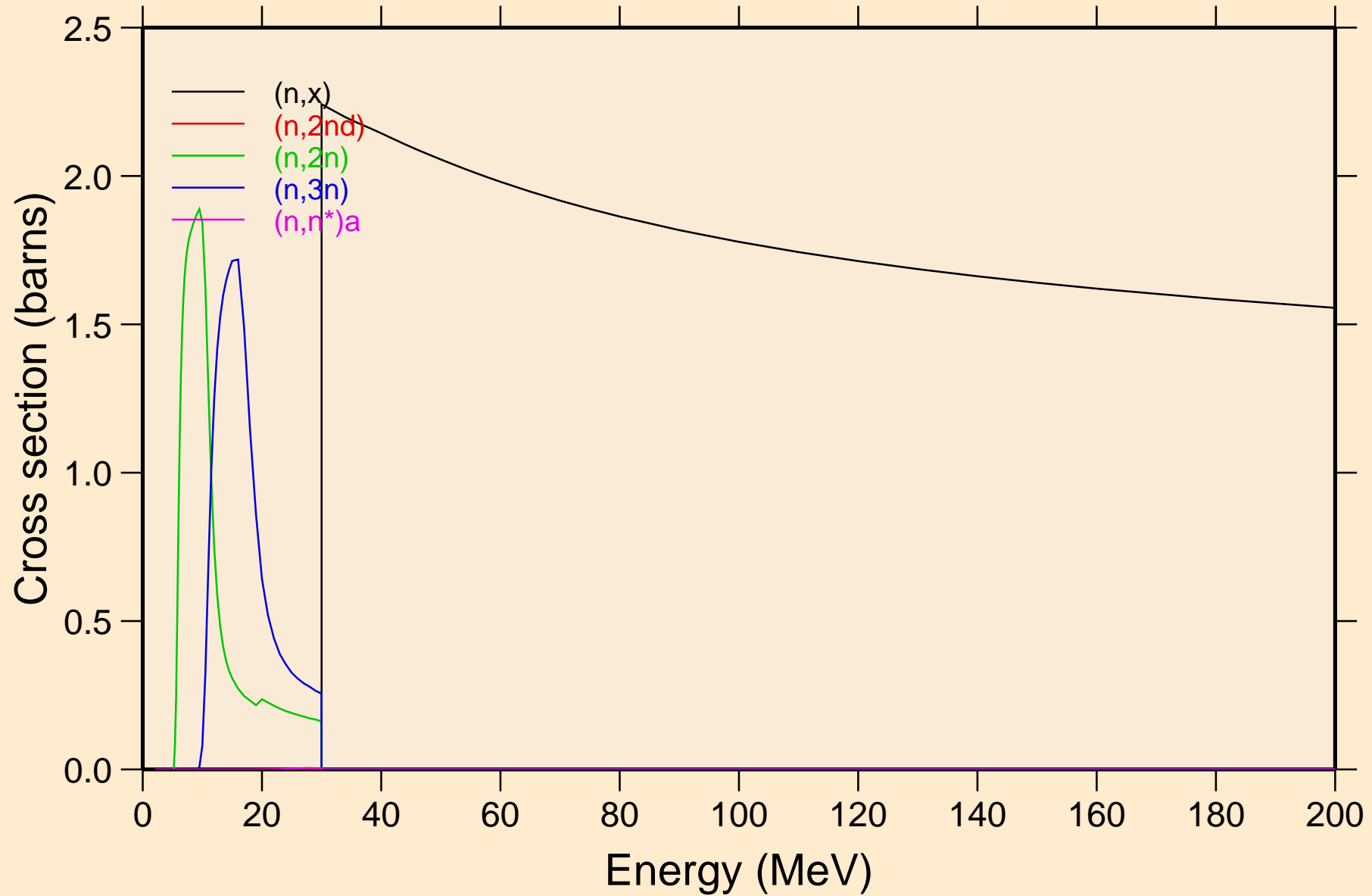
ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

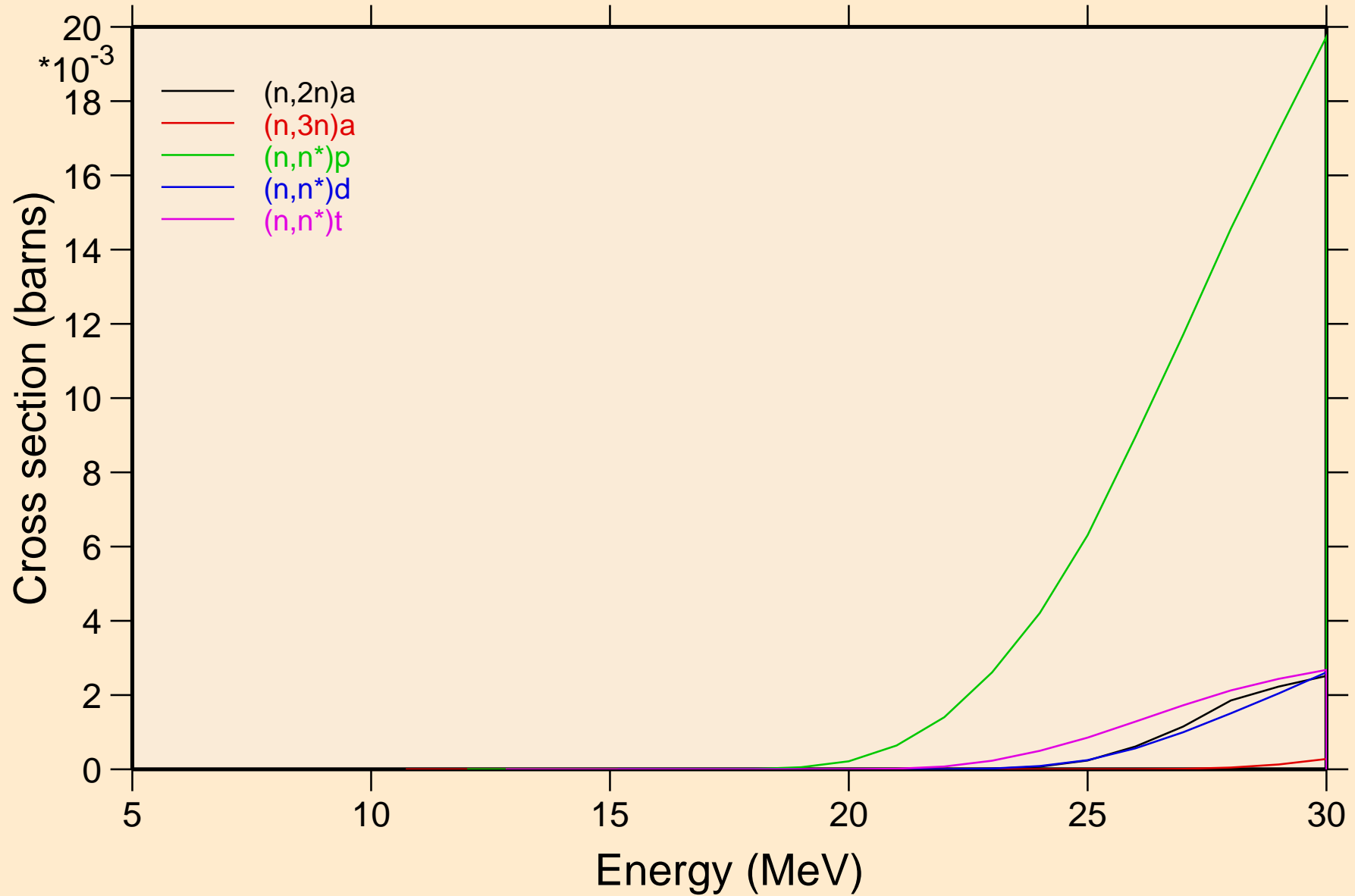


ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

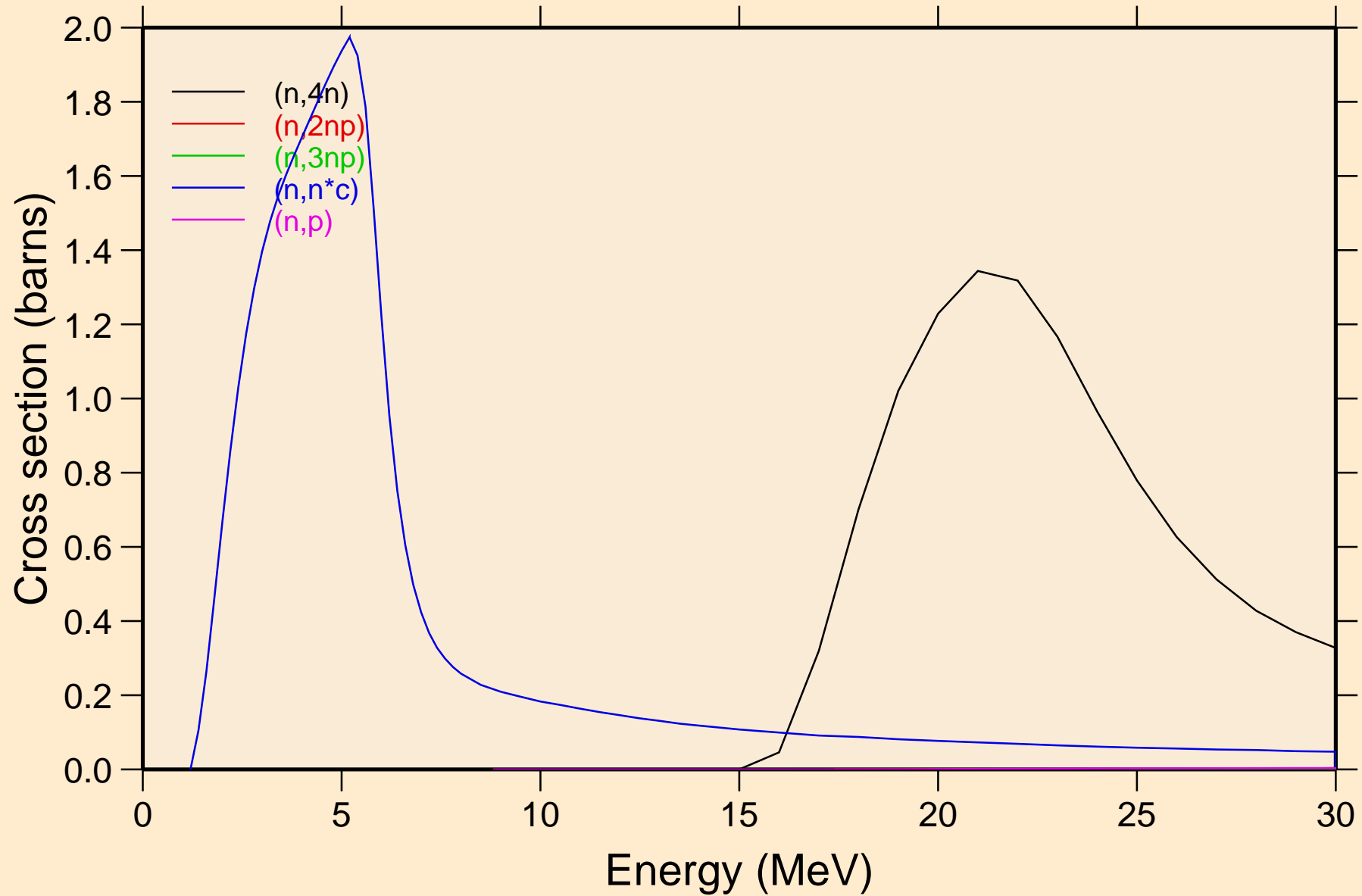


# ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

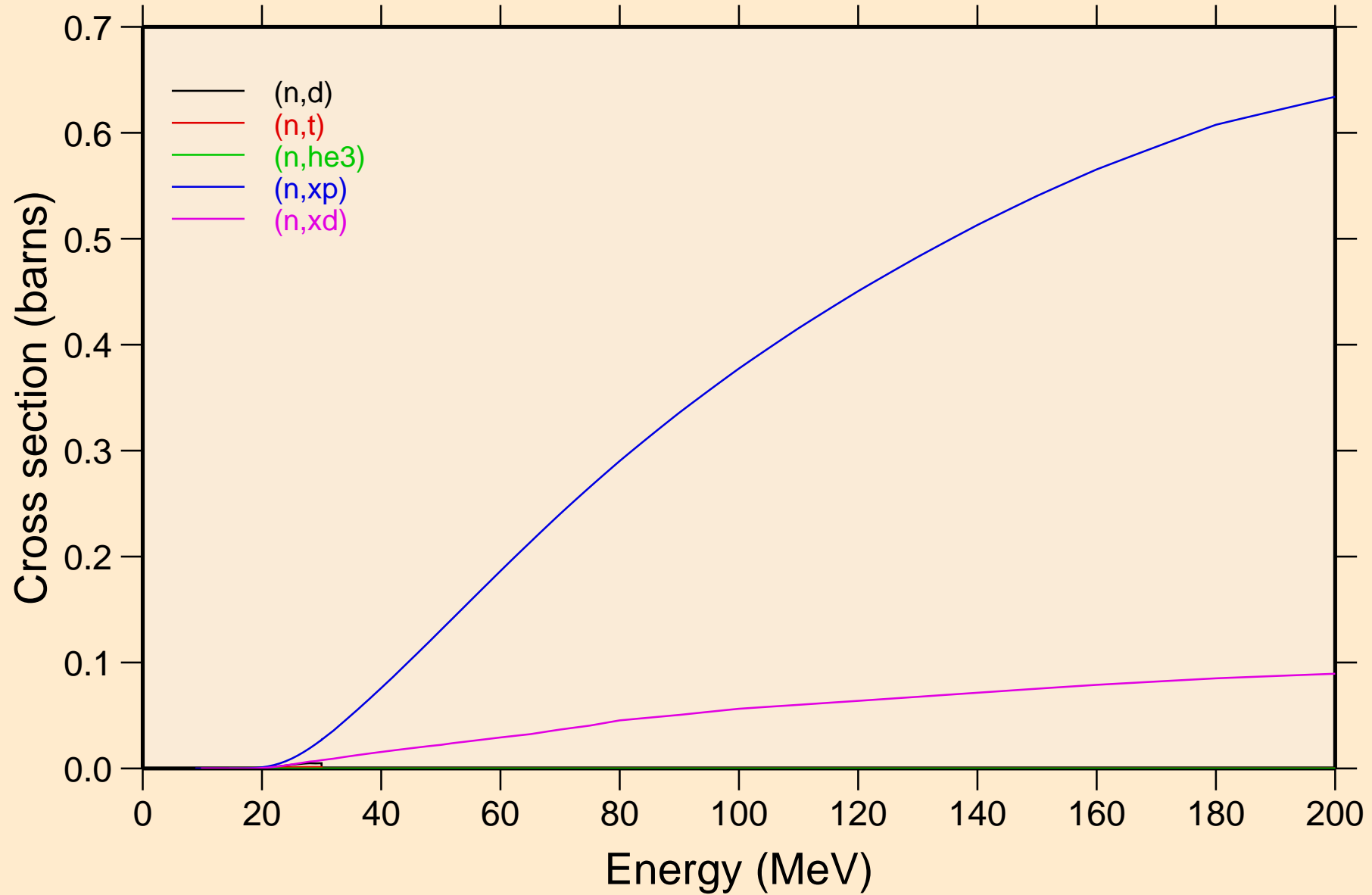
## Threshold reactions



ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

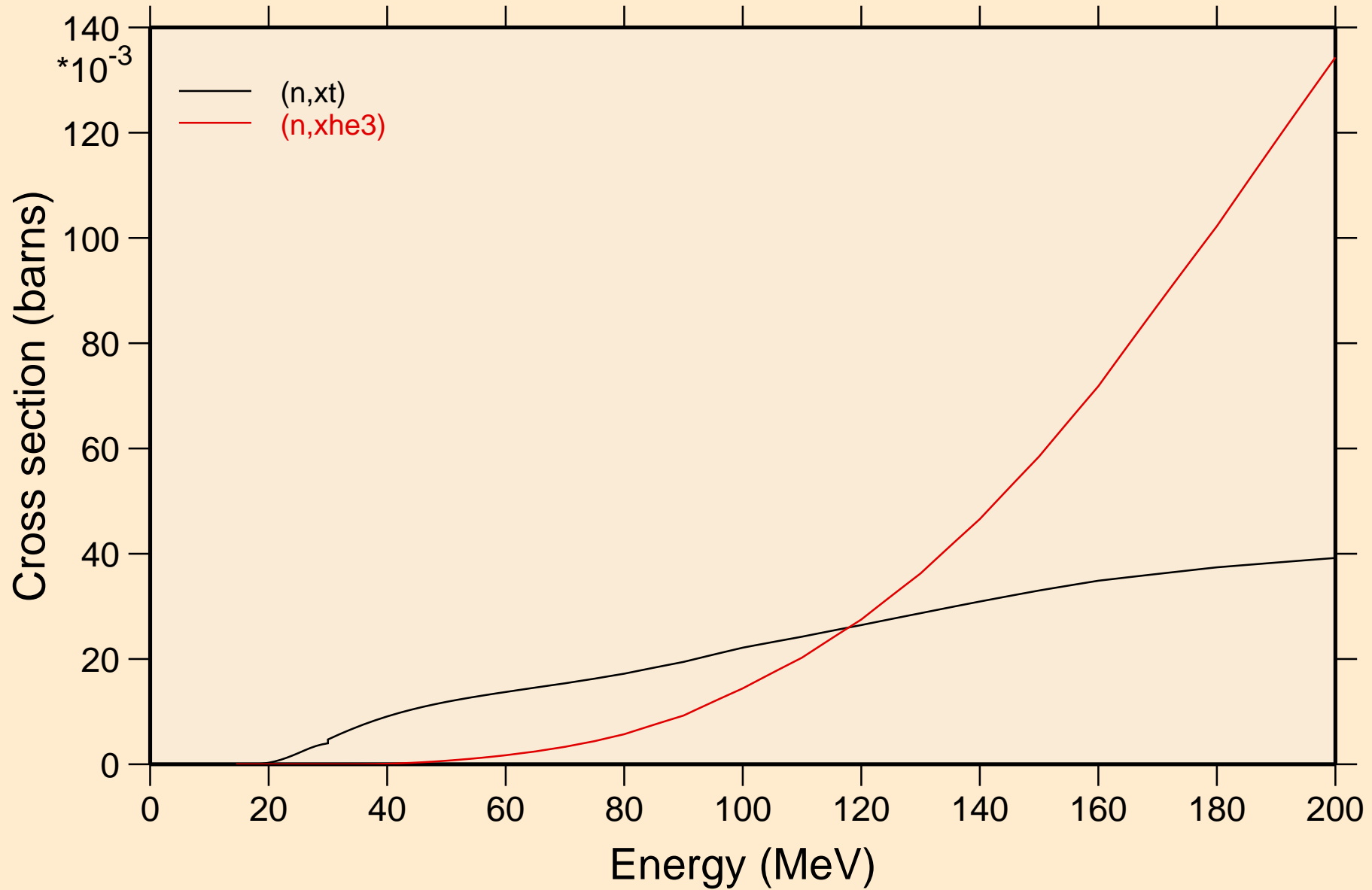


ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

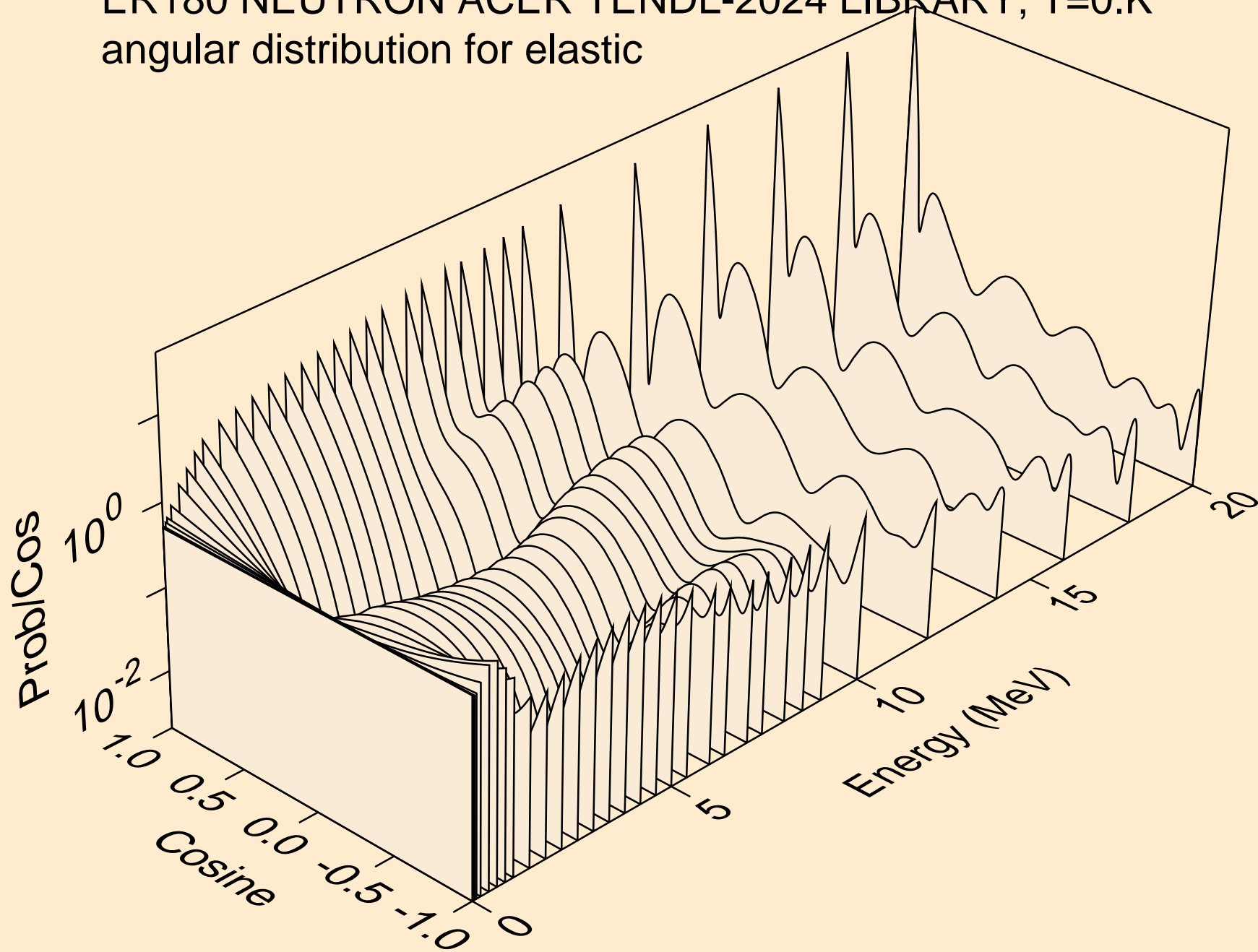




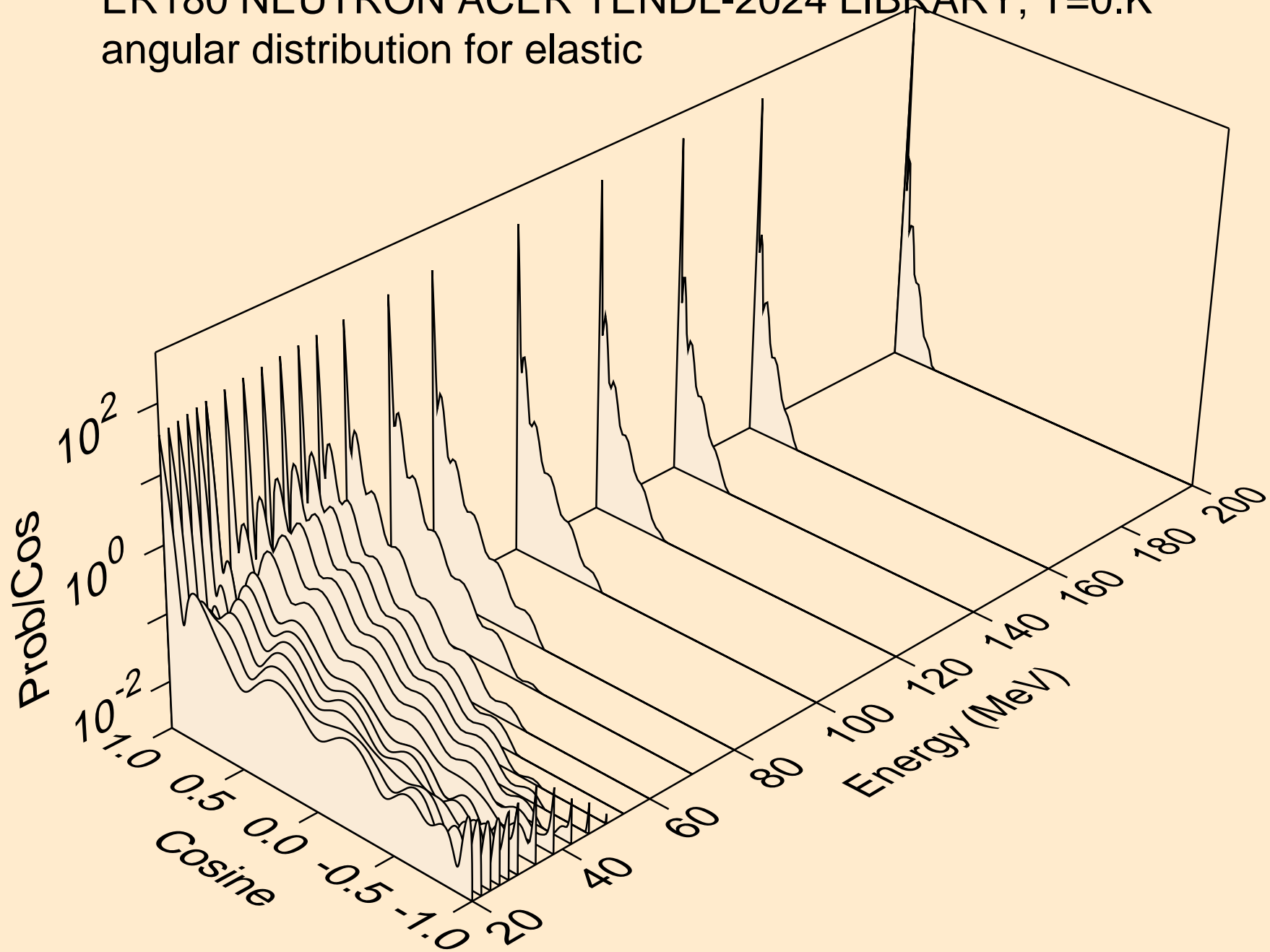
ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



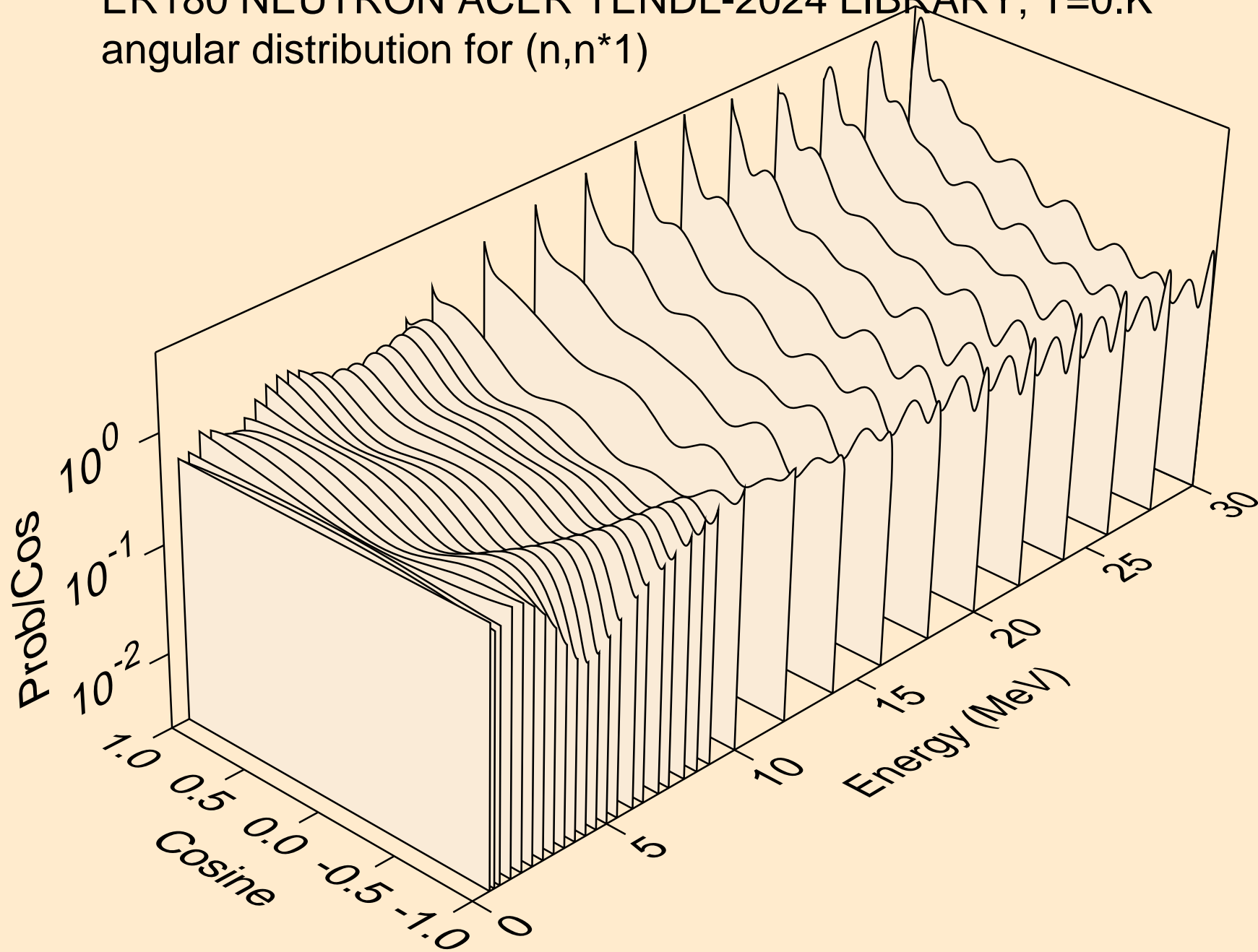
ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



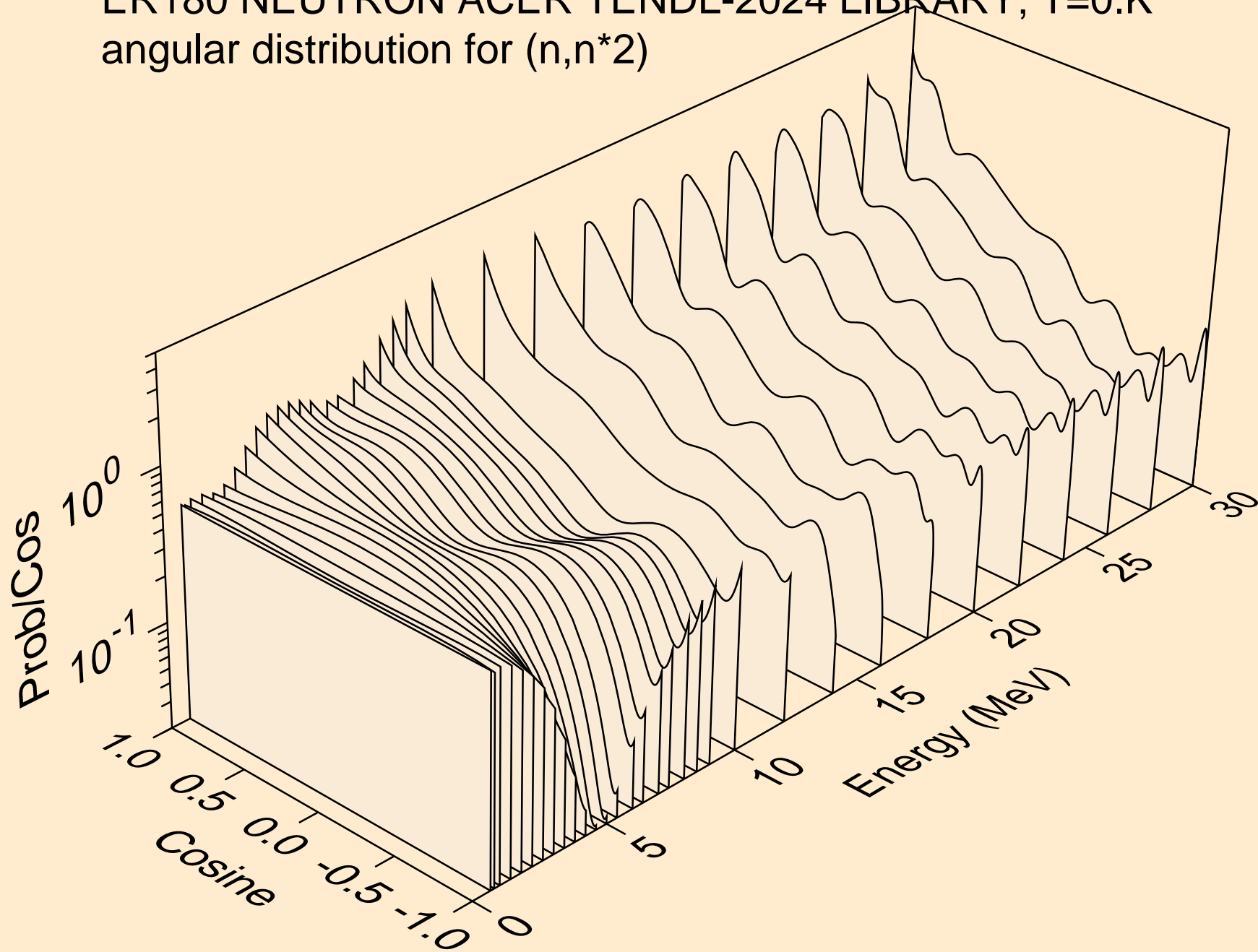
ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



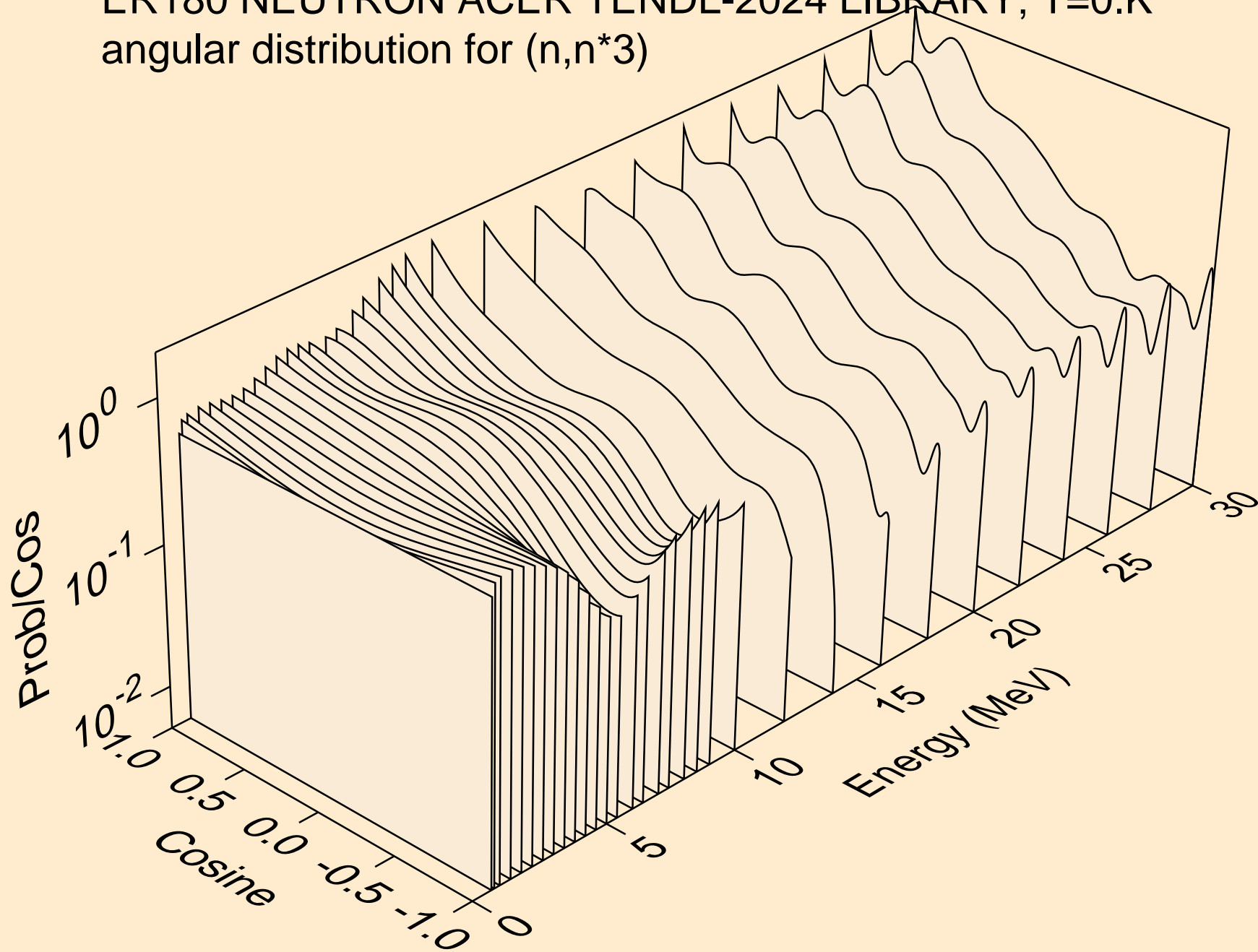
ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



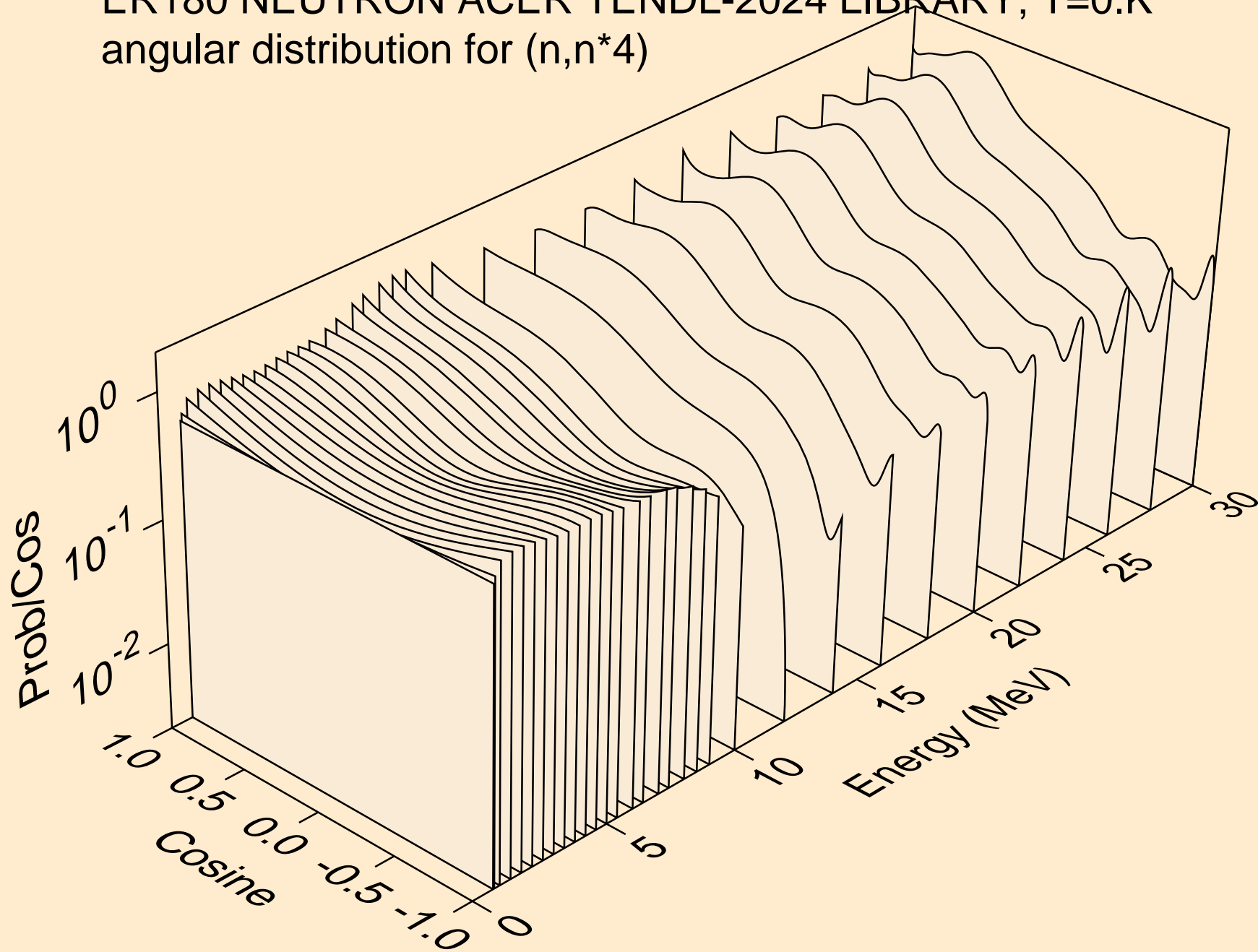
ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



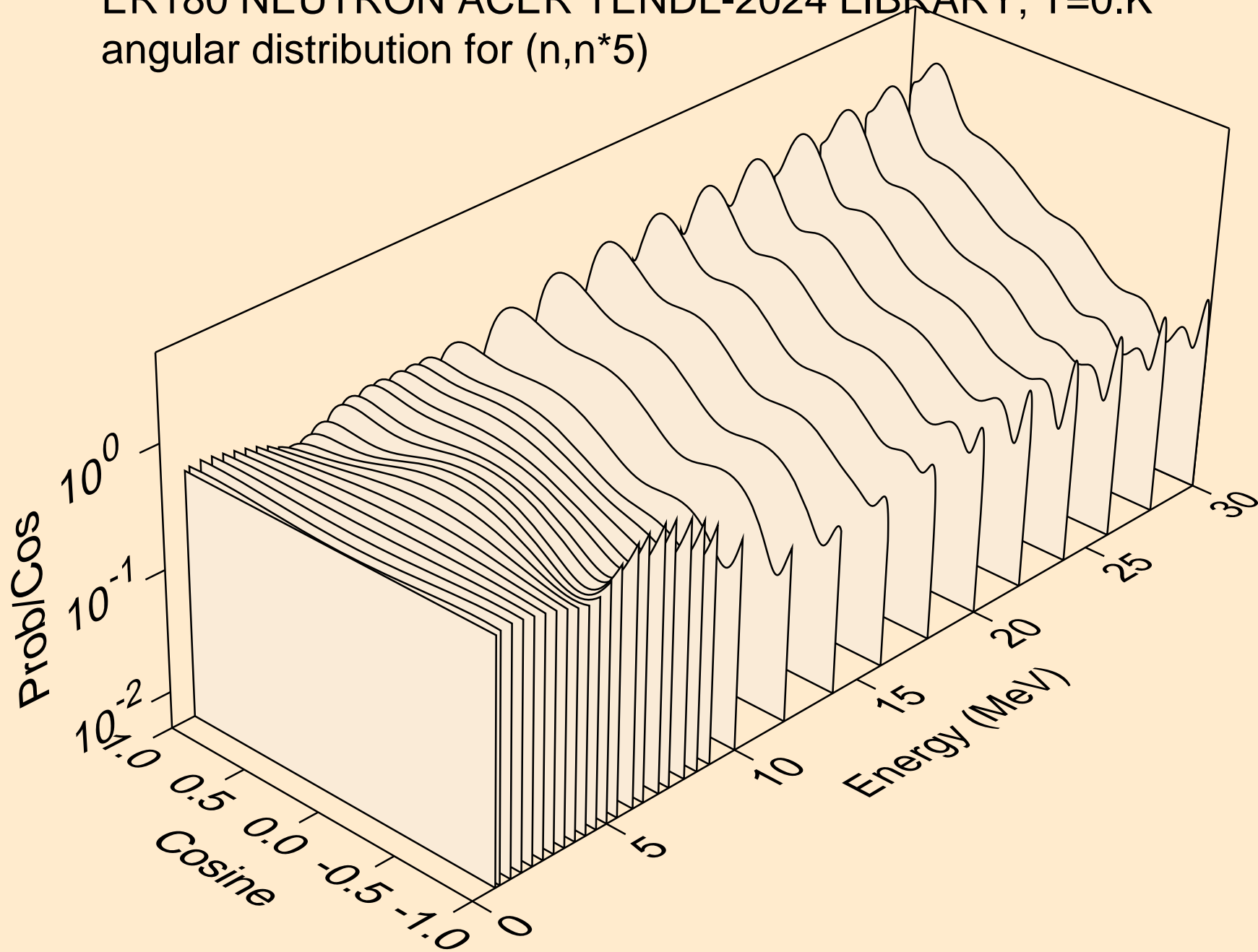
ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)

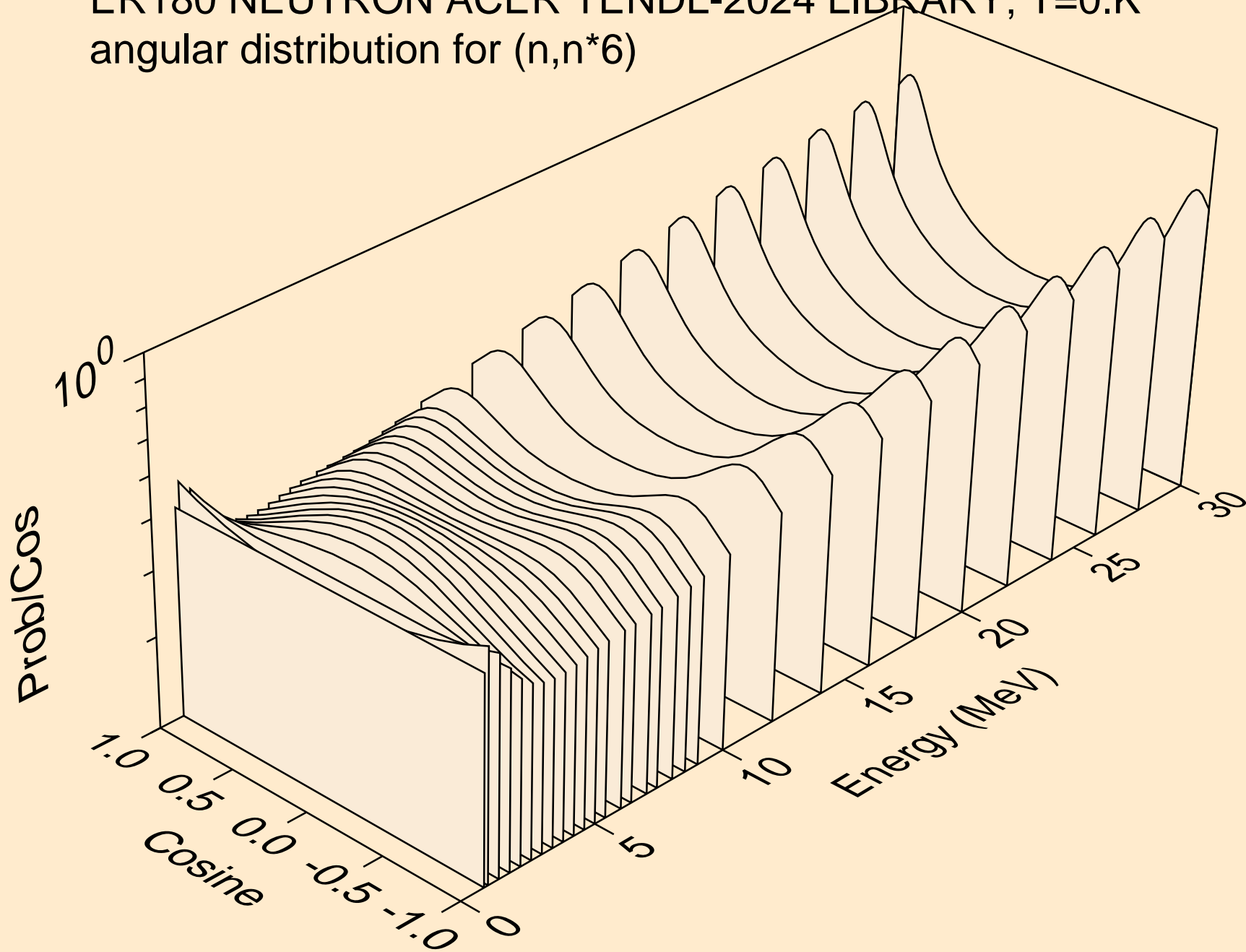


ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)

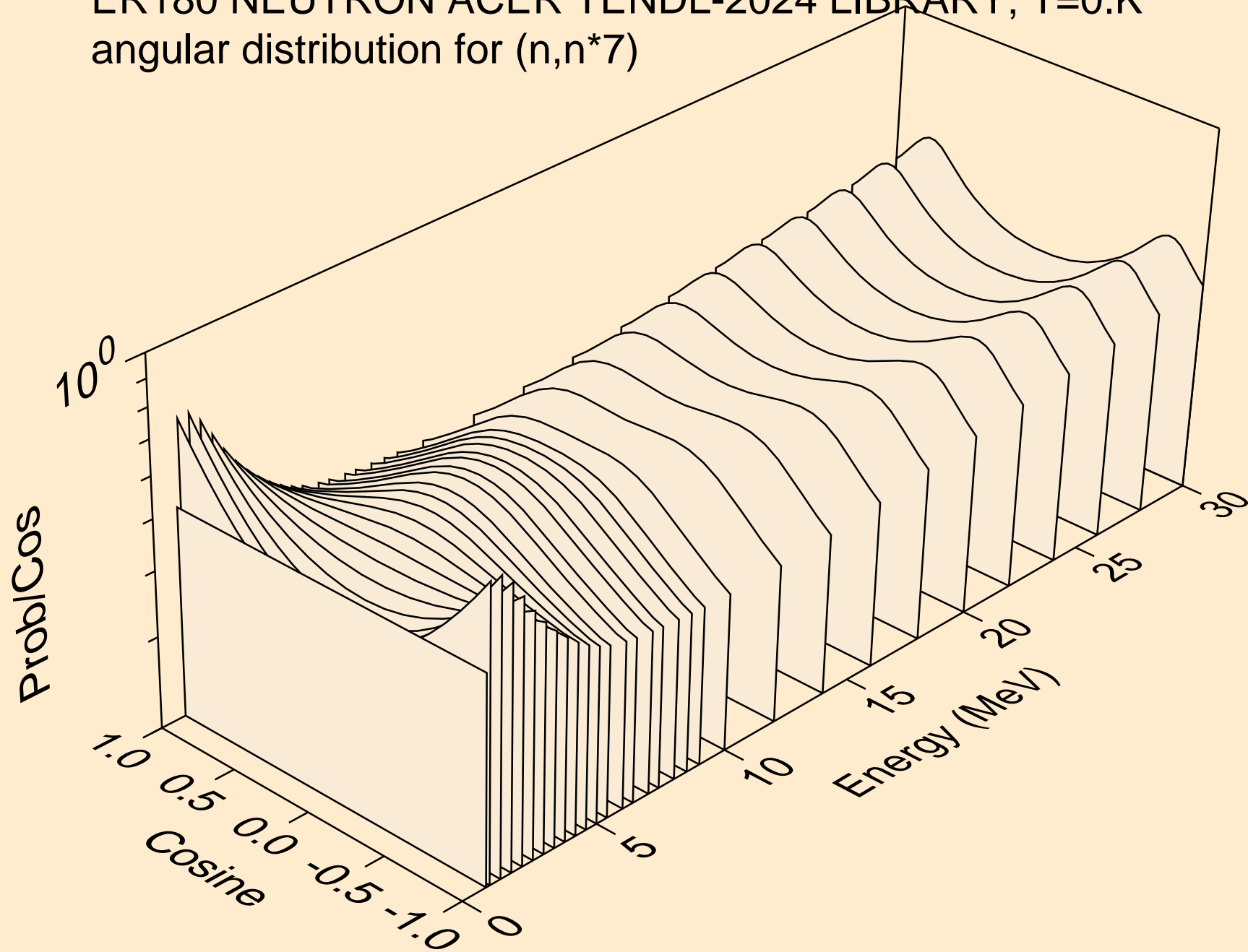




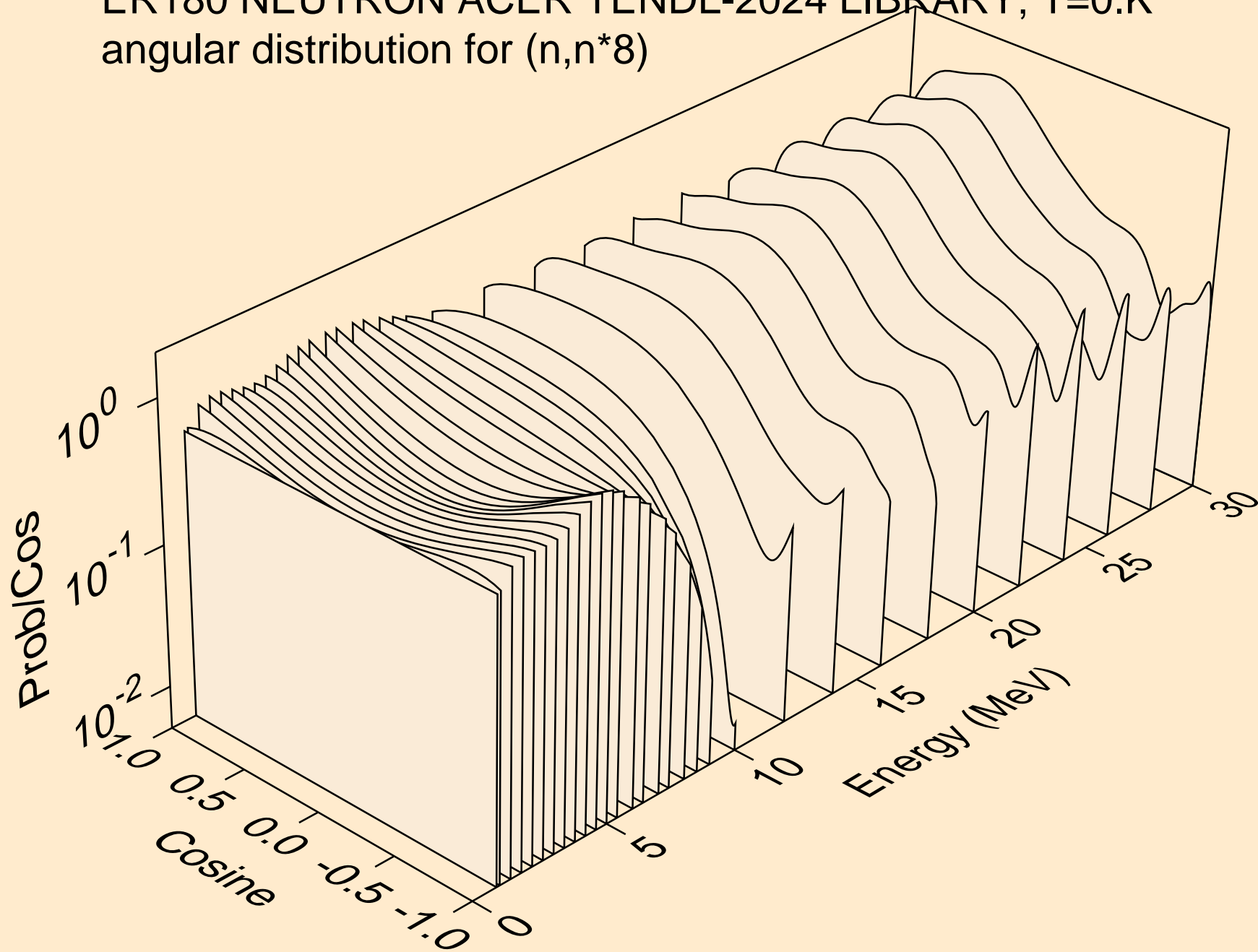
ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



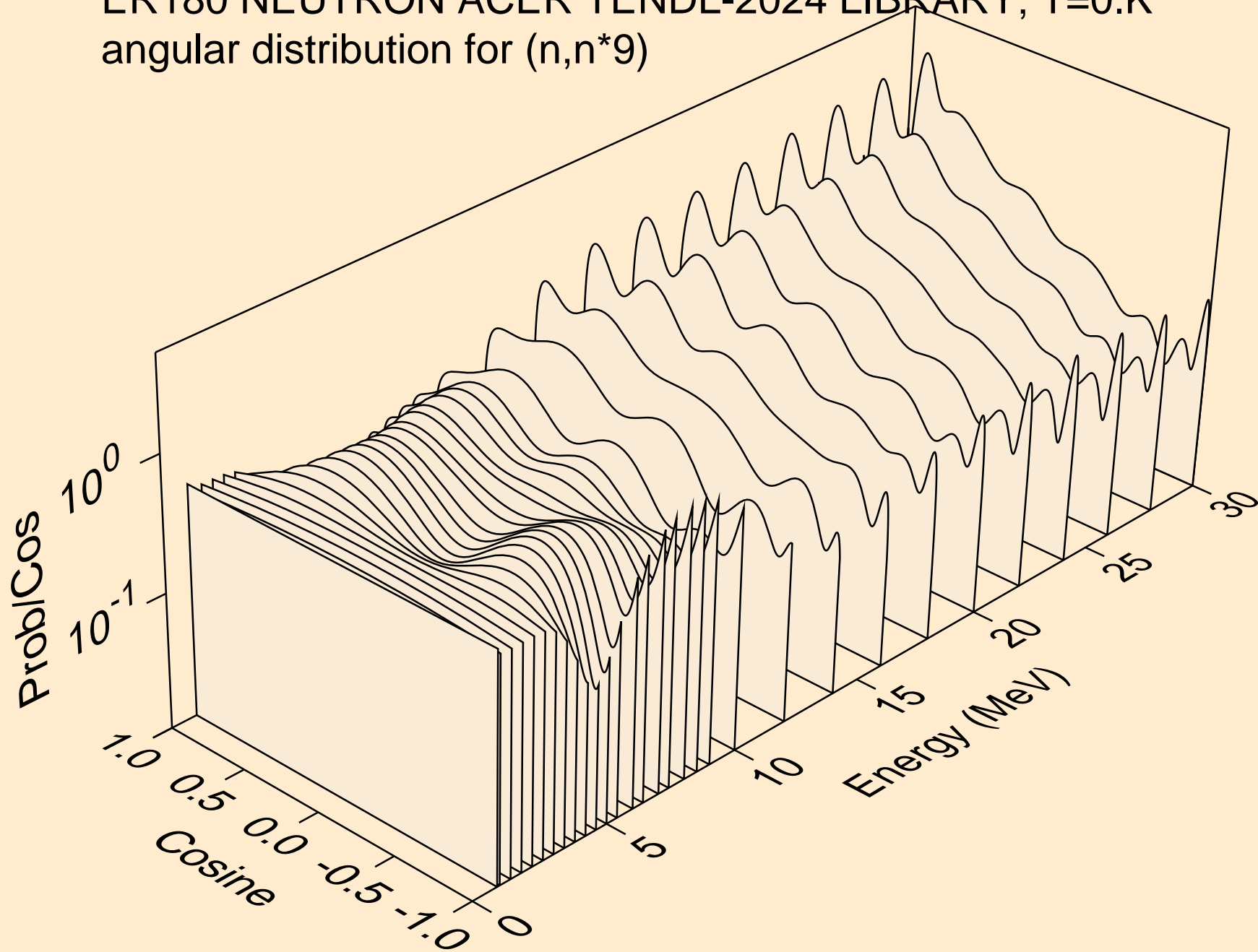
ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



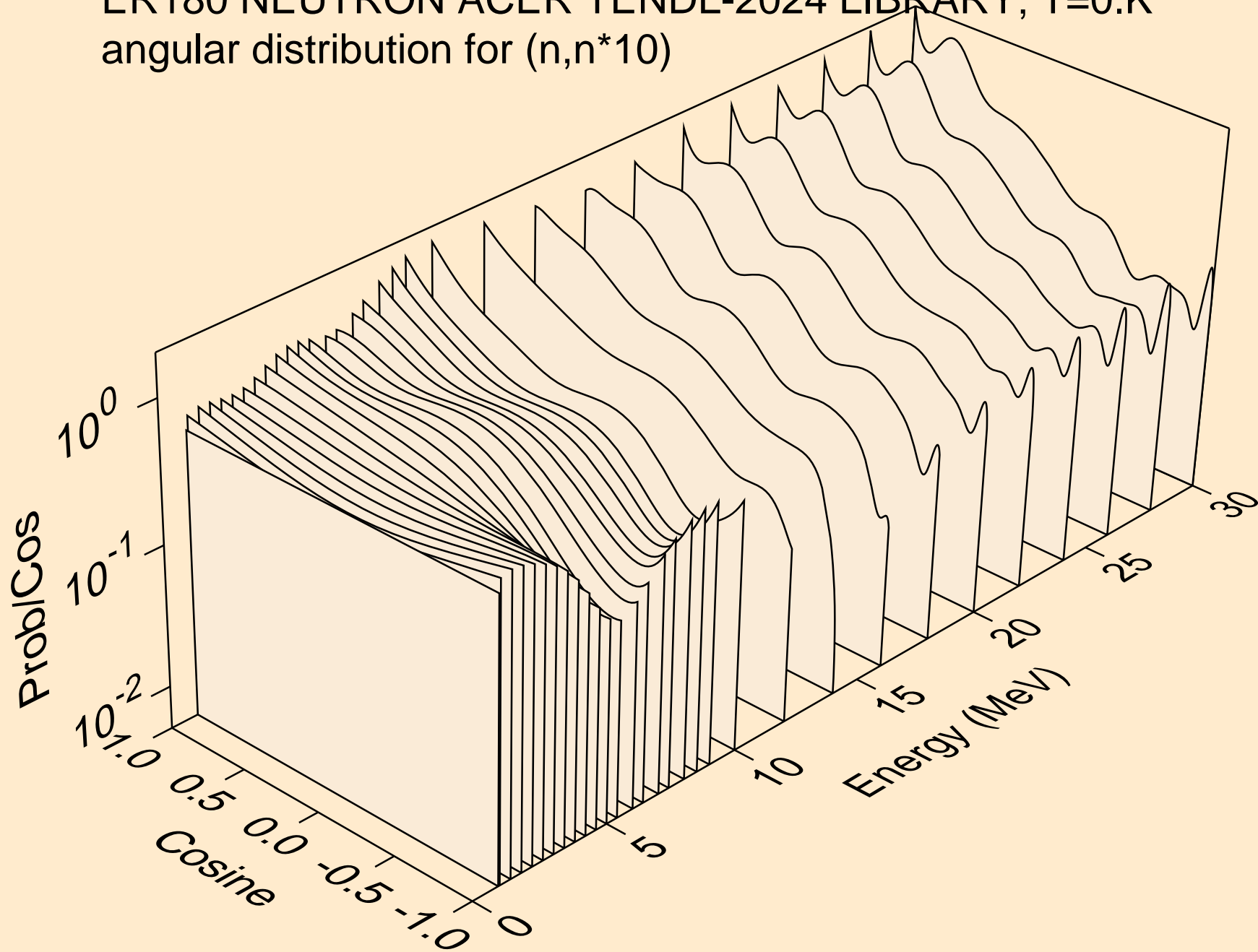
ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



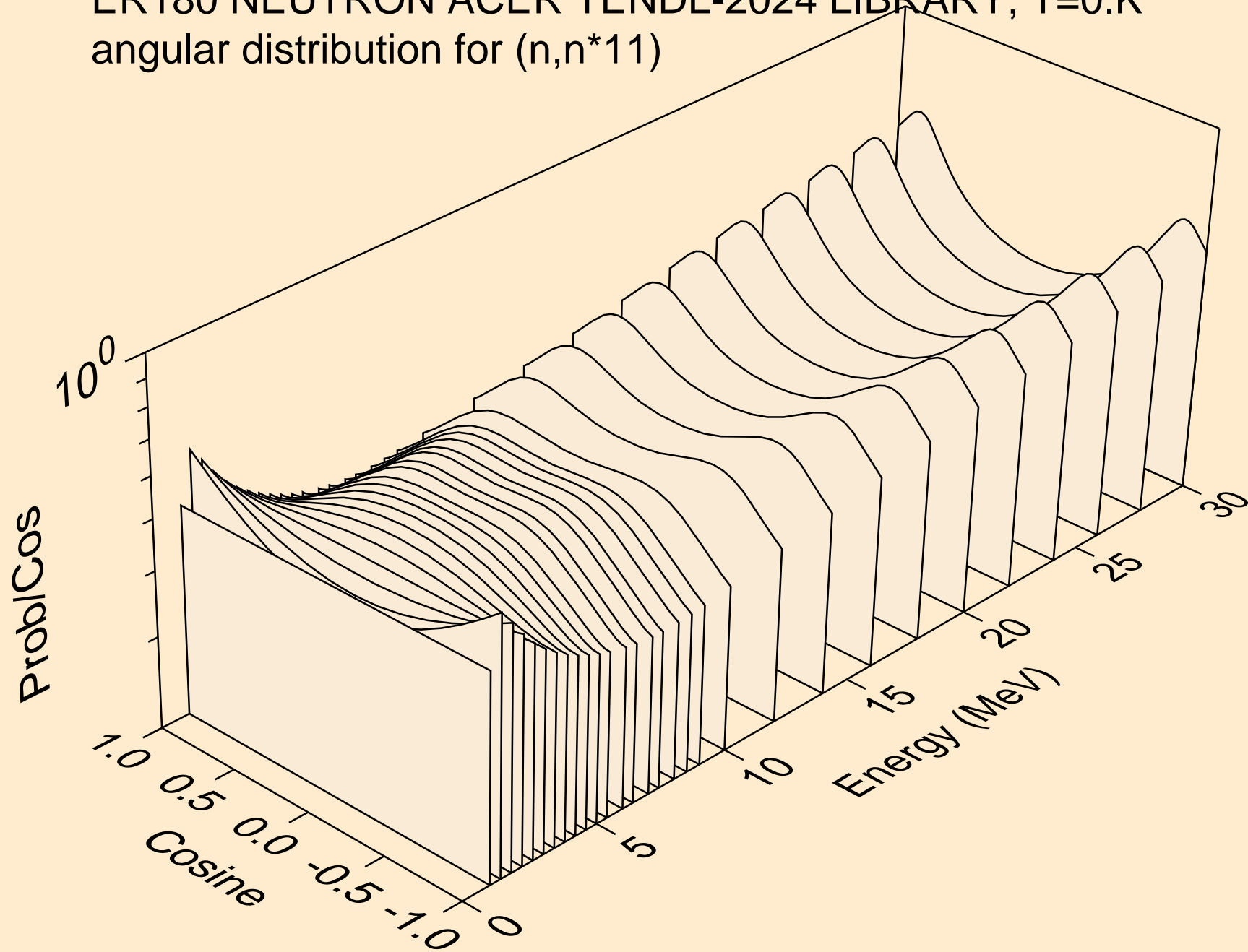
ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



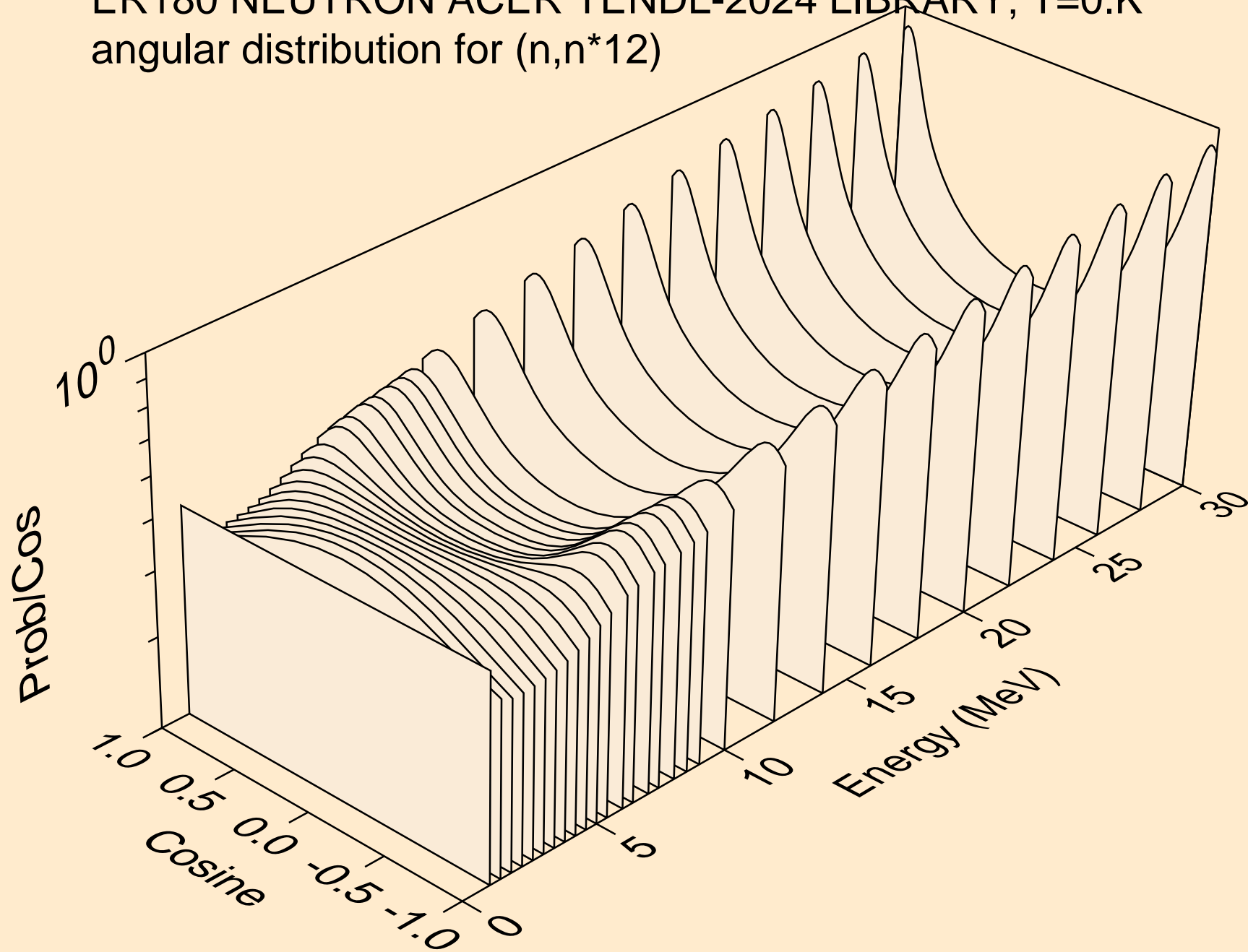
ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



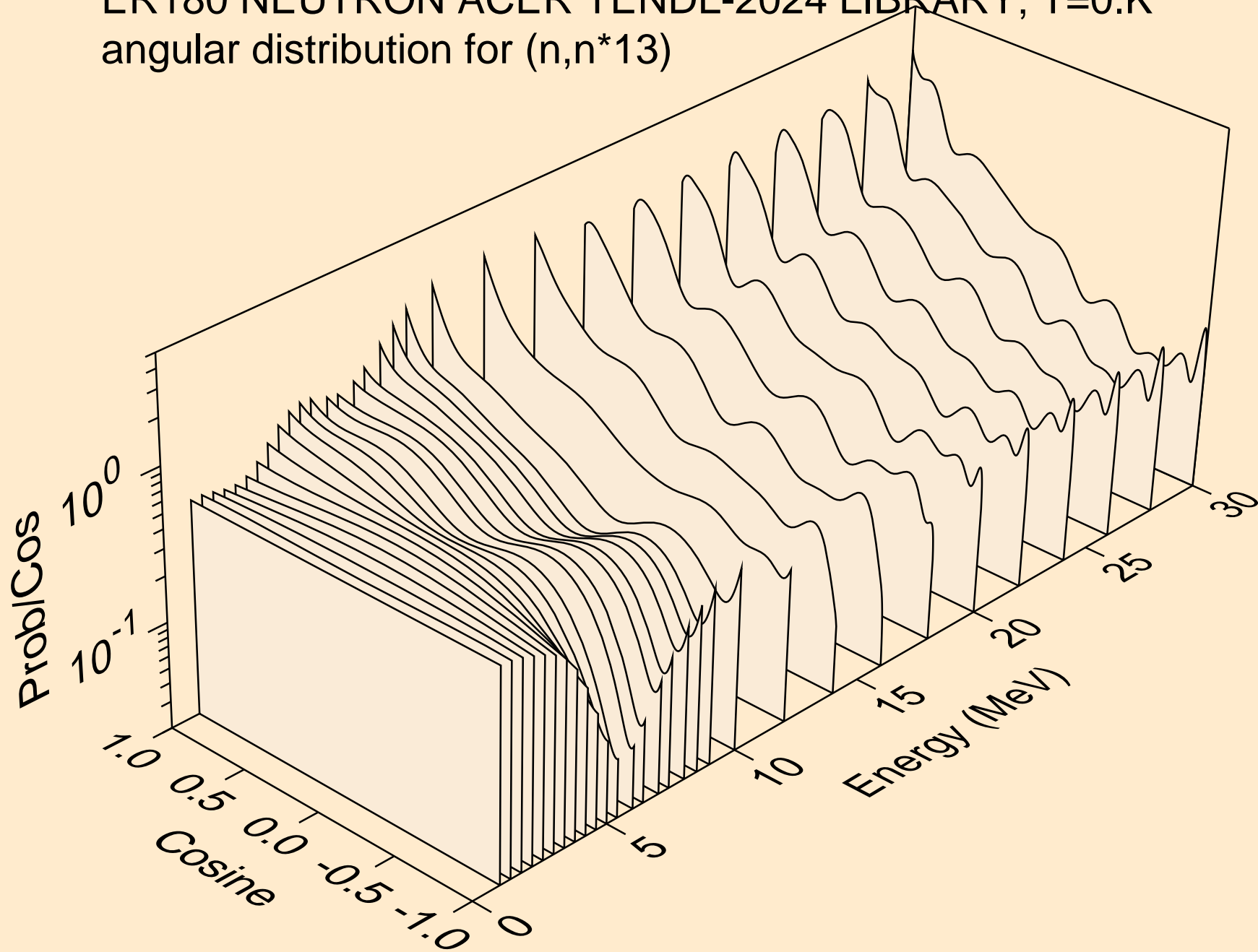
ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)

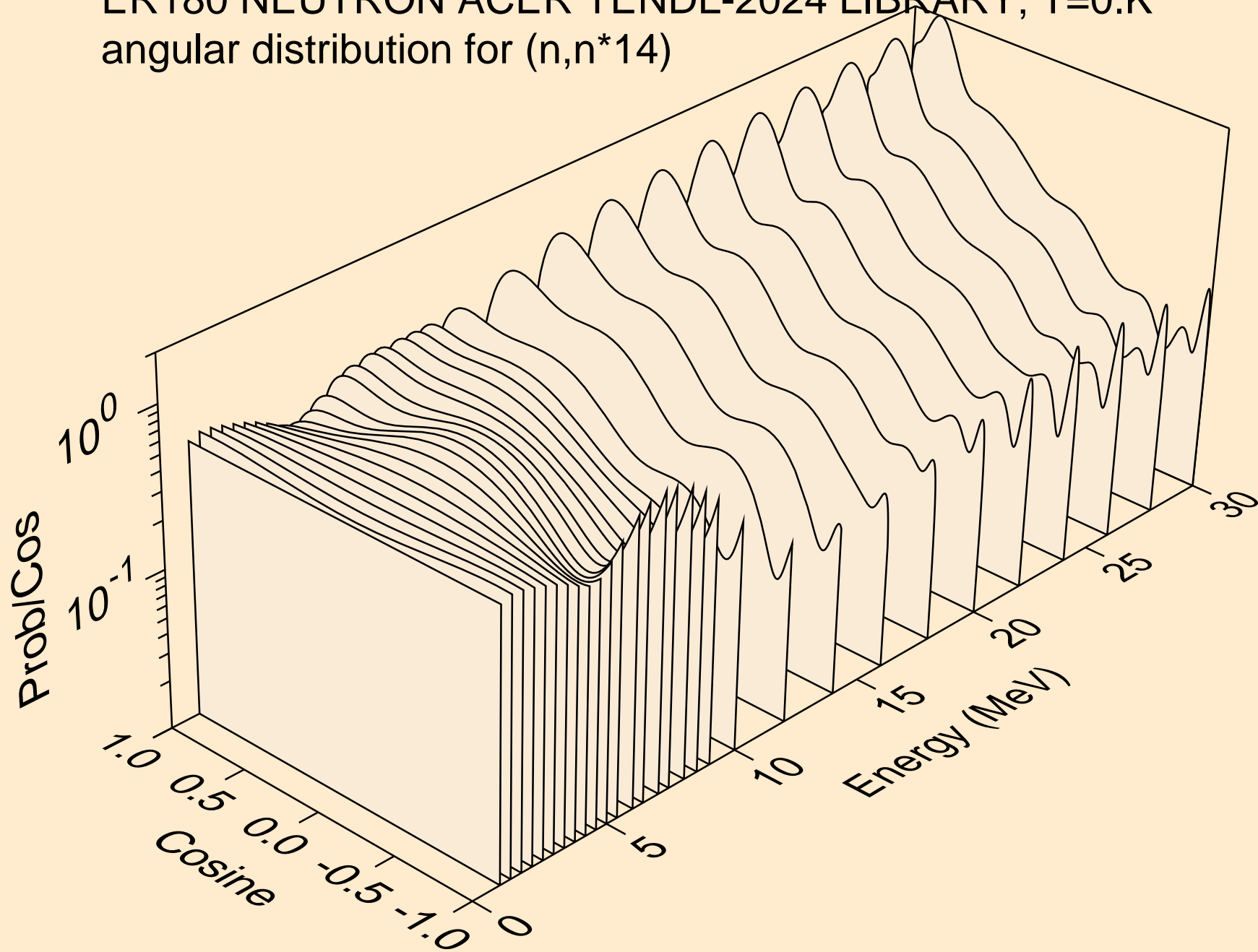


ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)

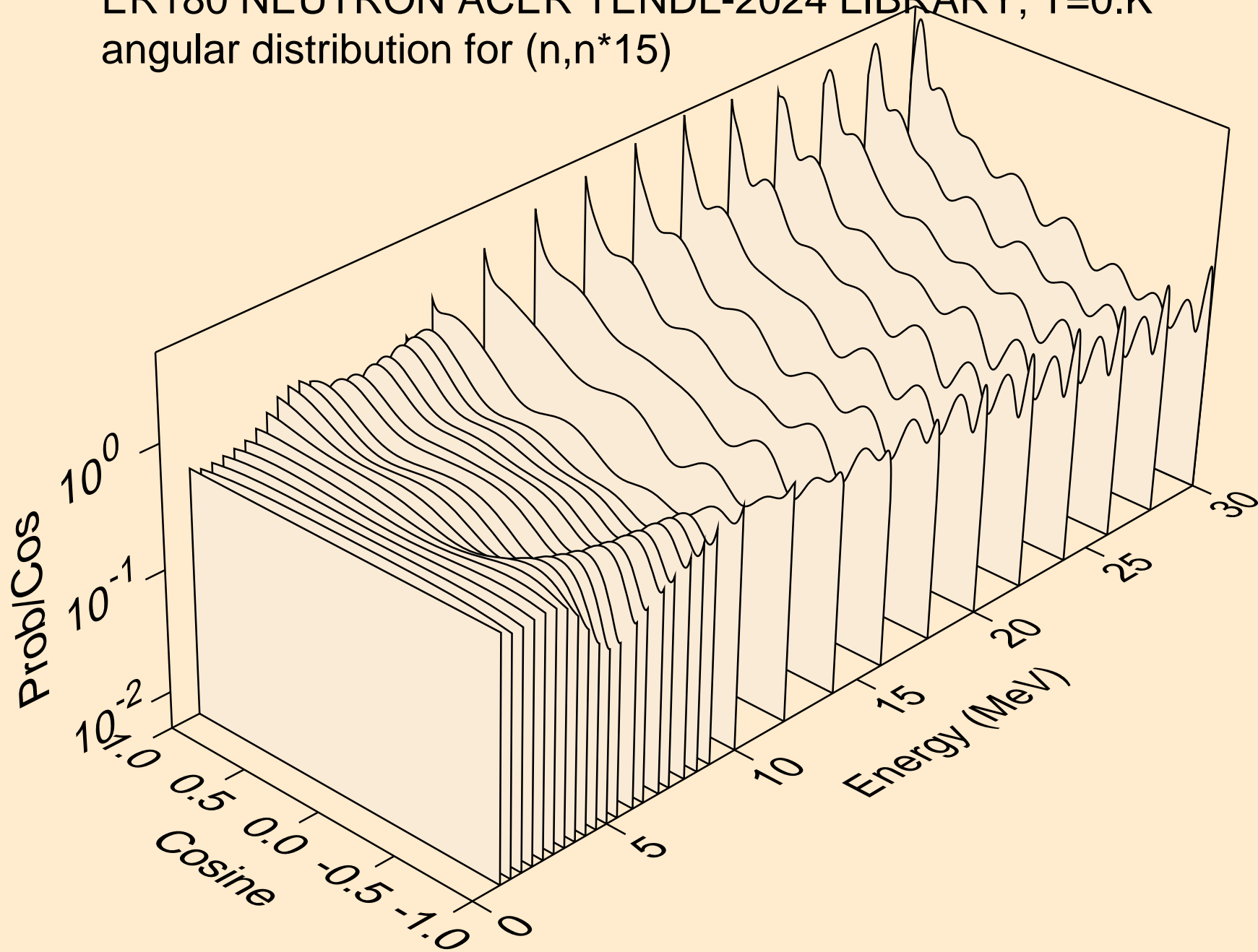




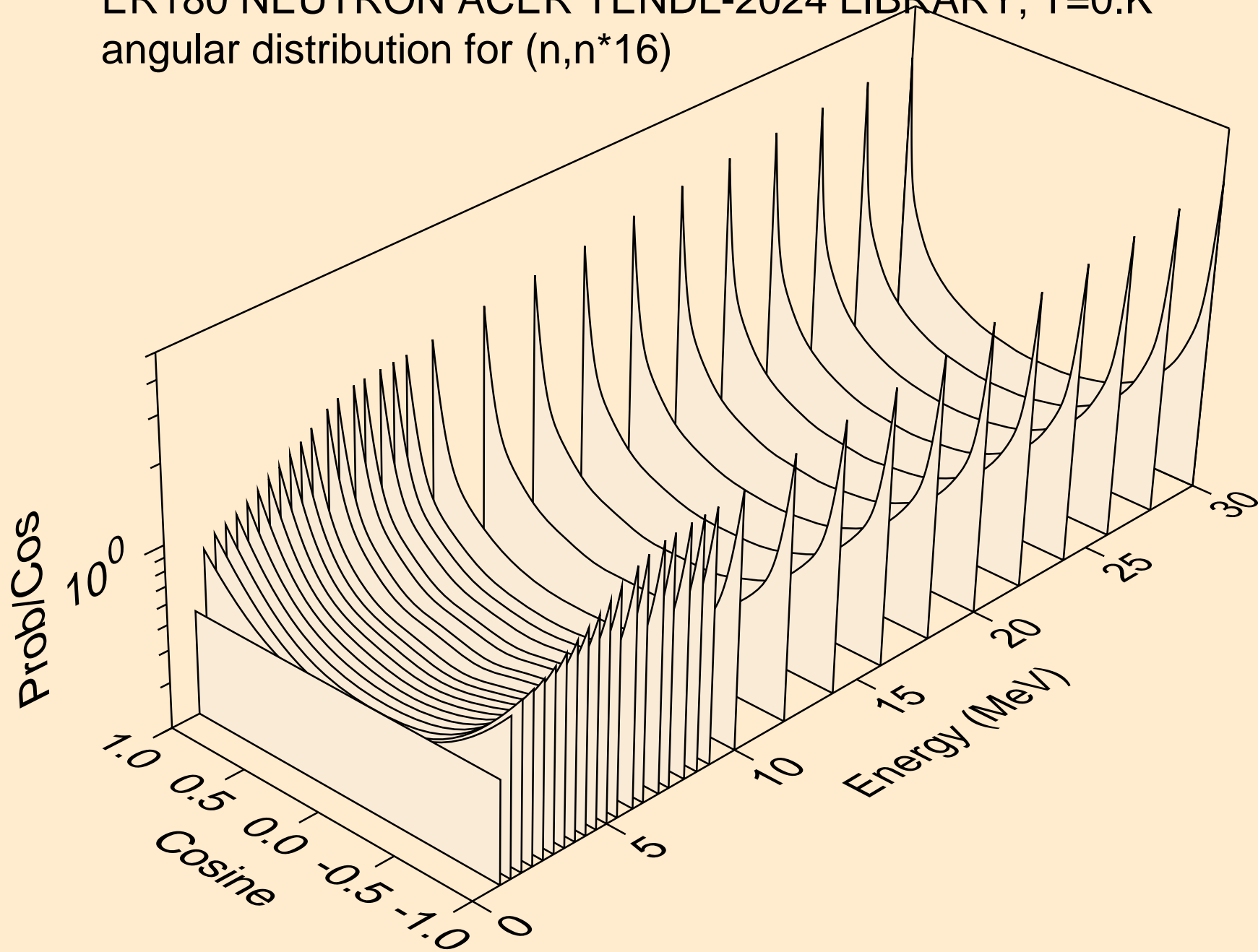
ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



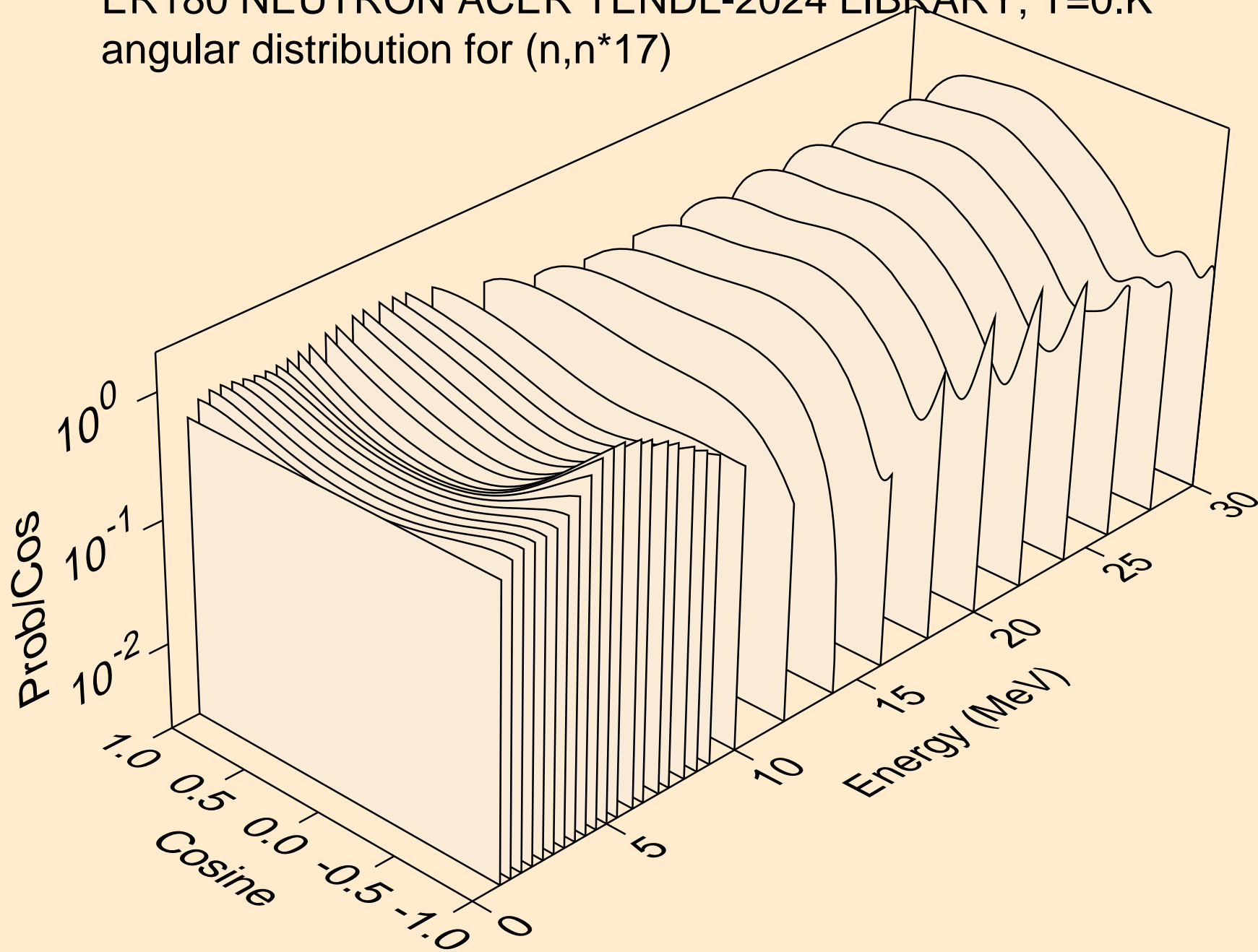
ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



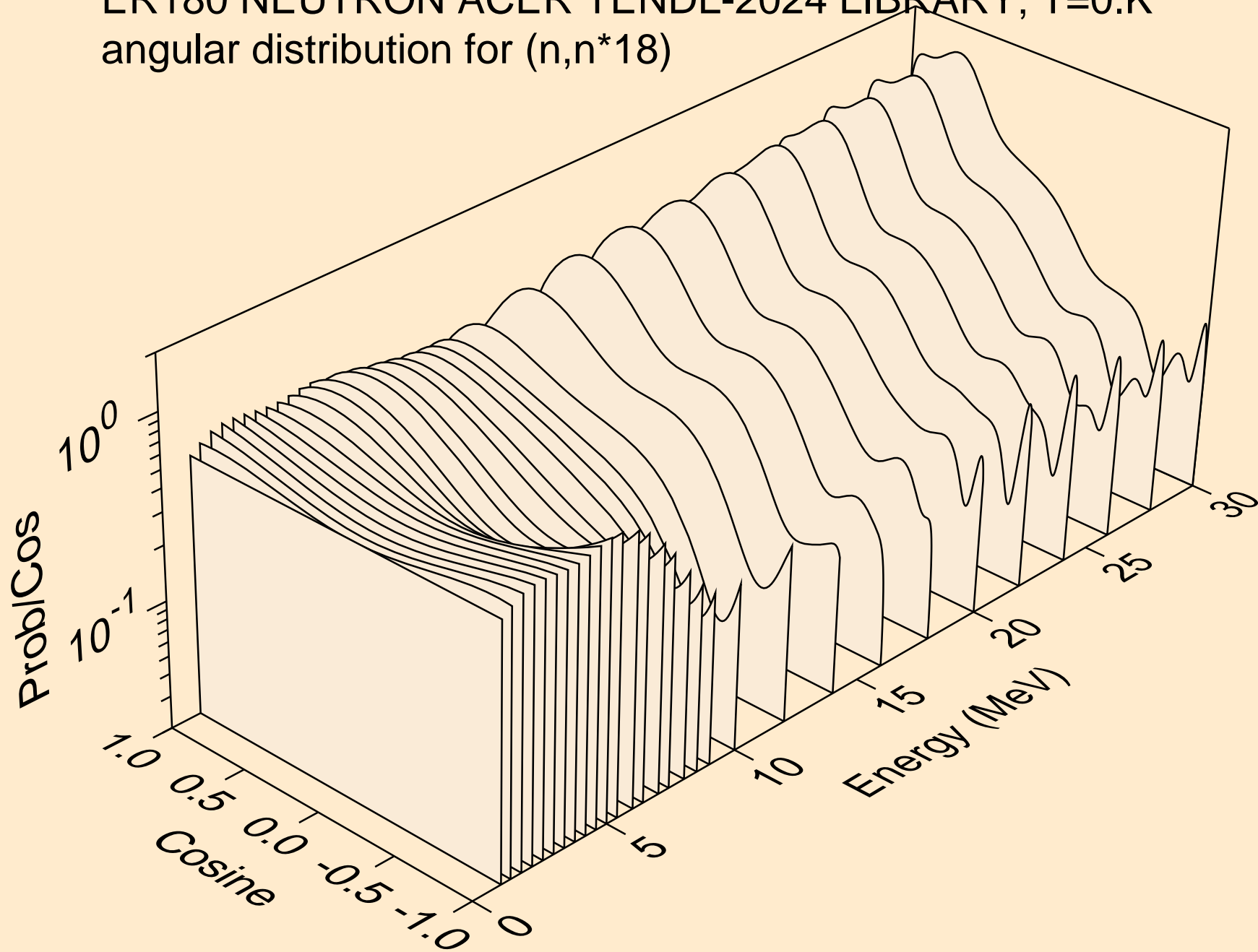
ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



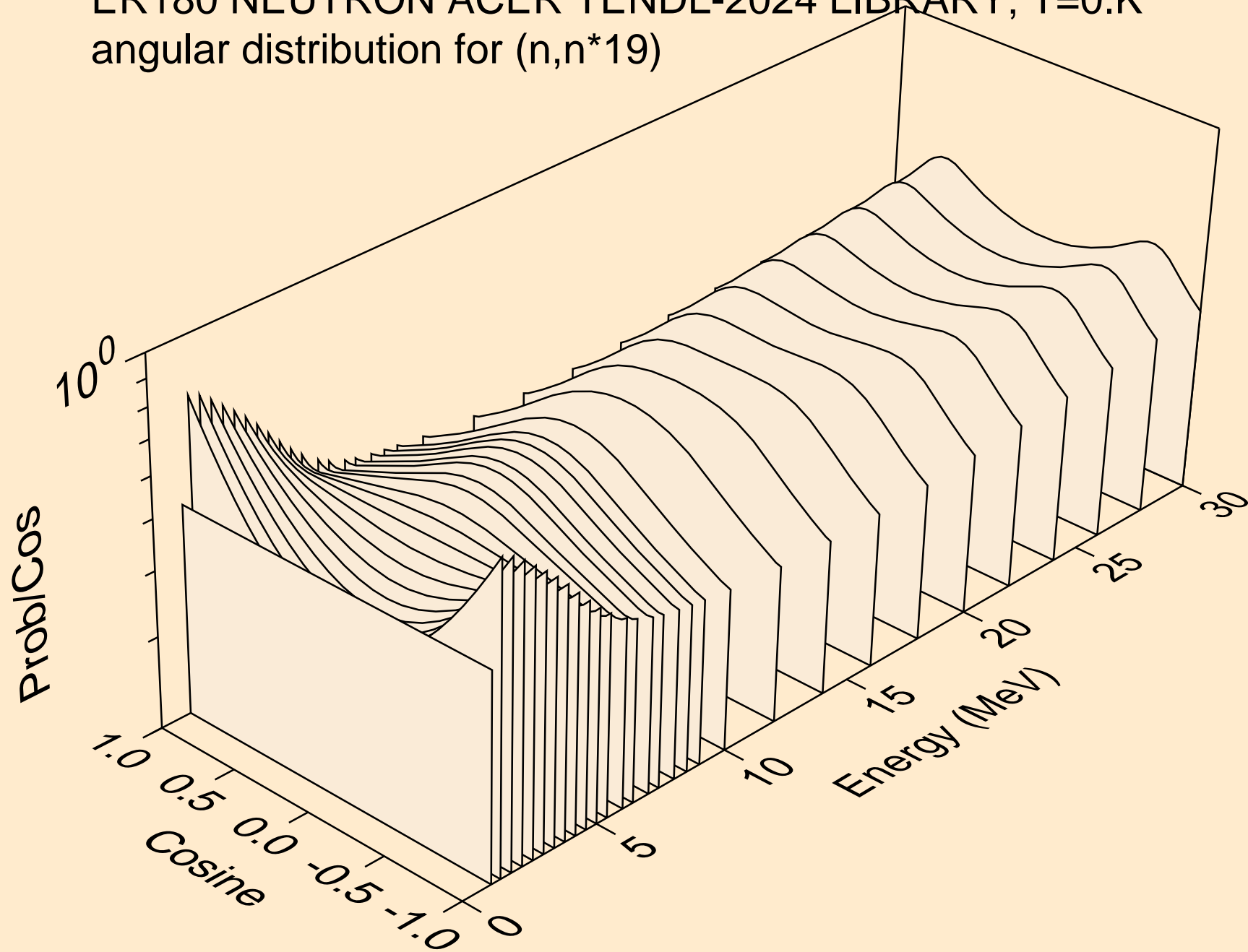
ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



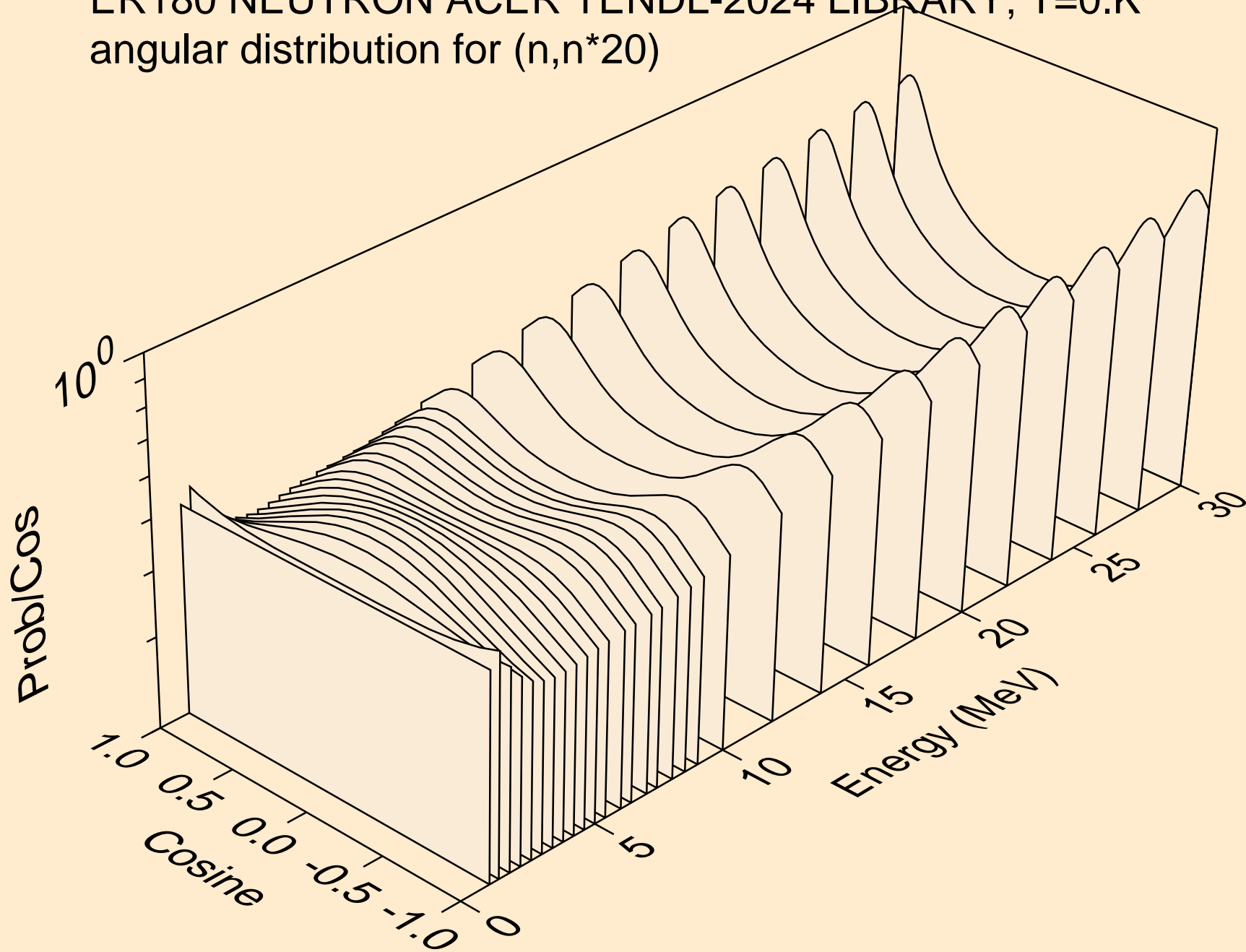
ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)



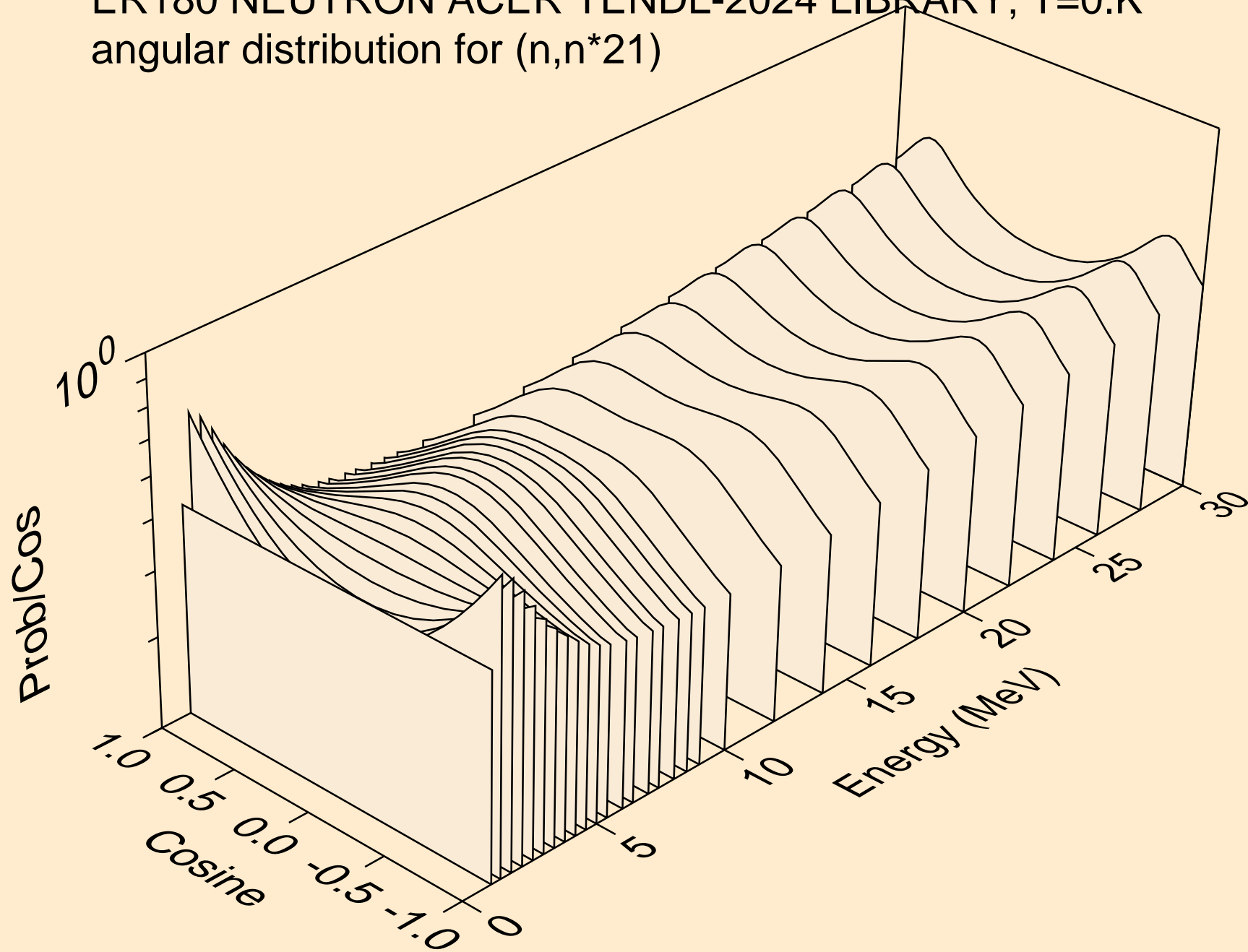
ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*19)



ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)

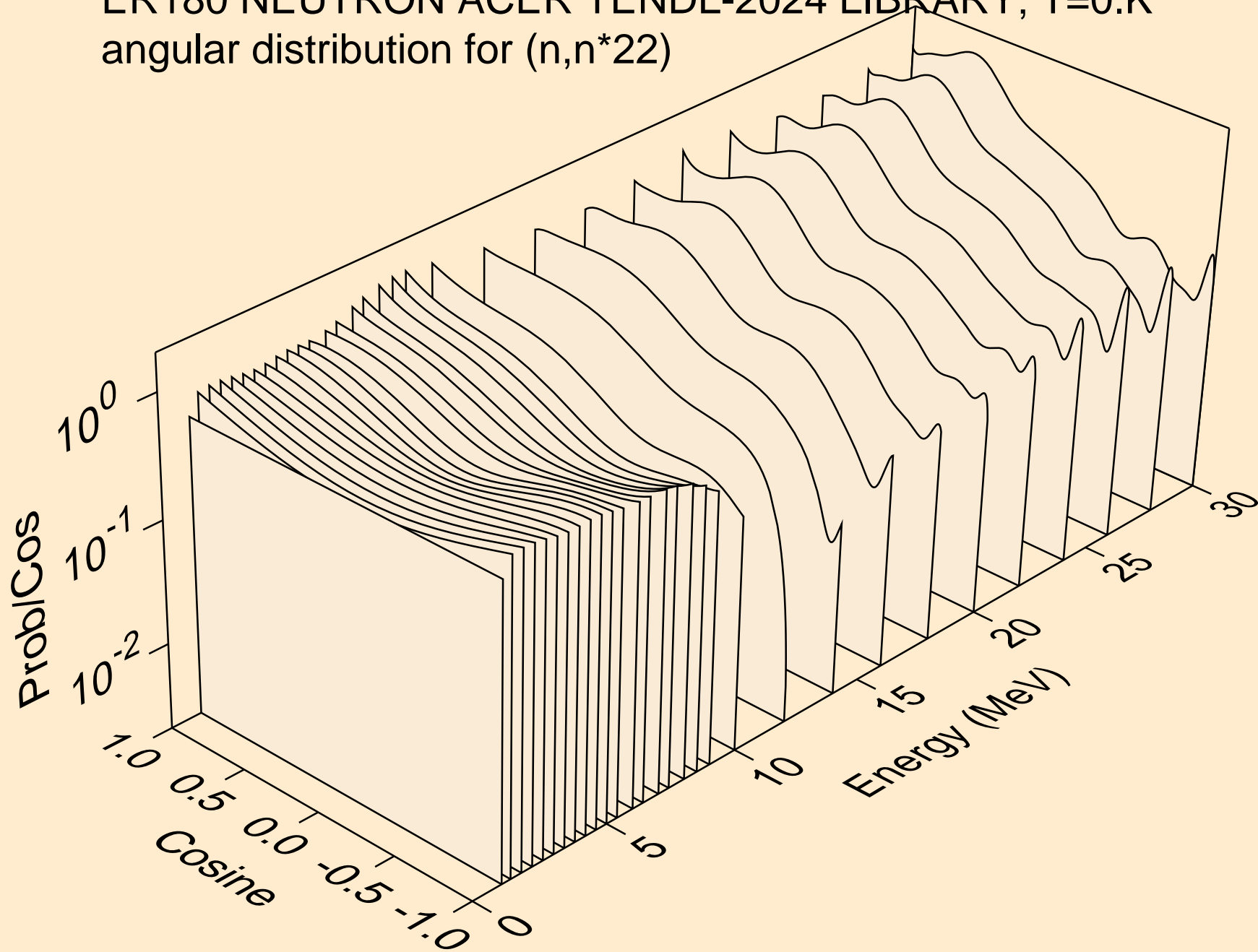


ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*21)

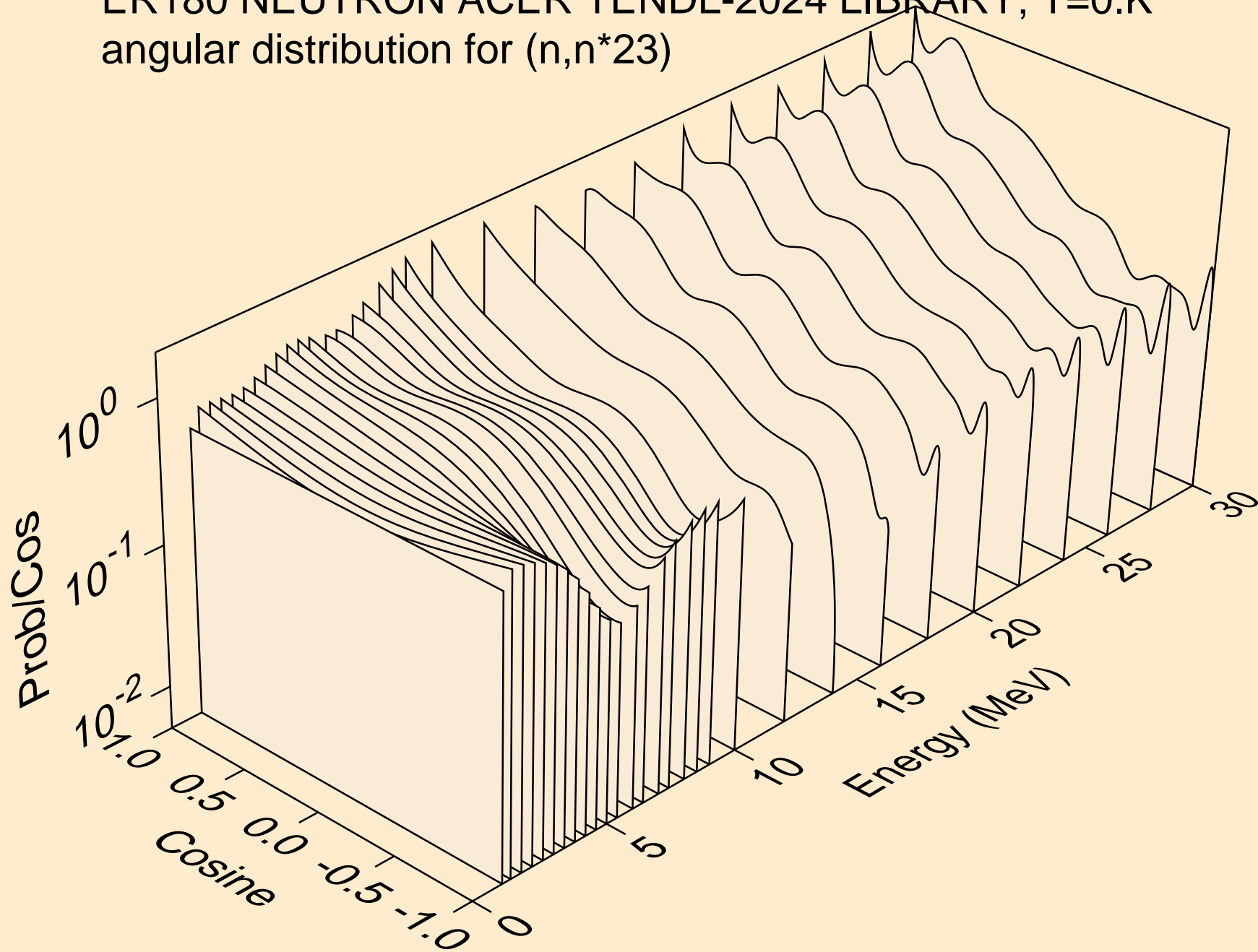




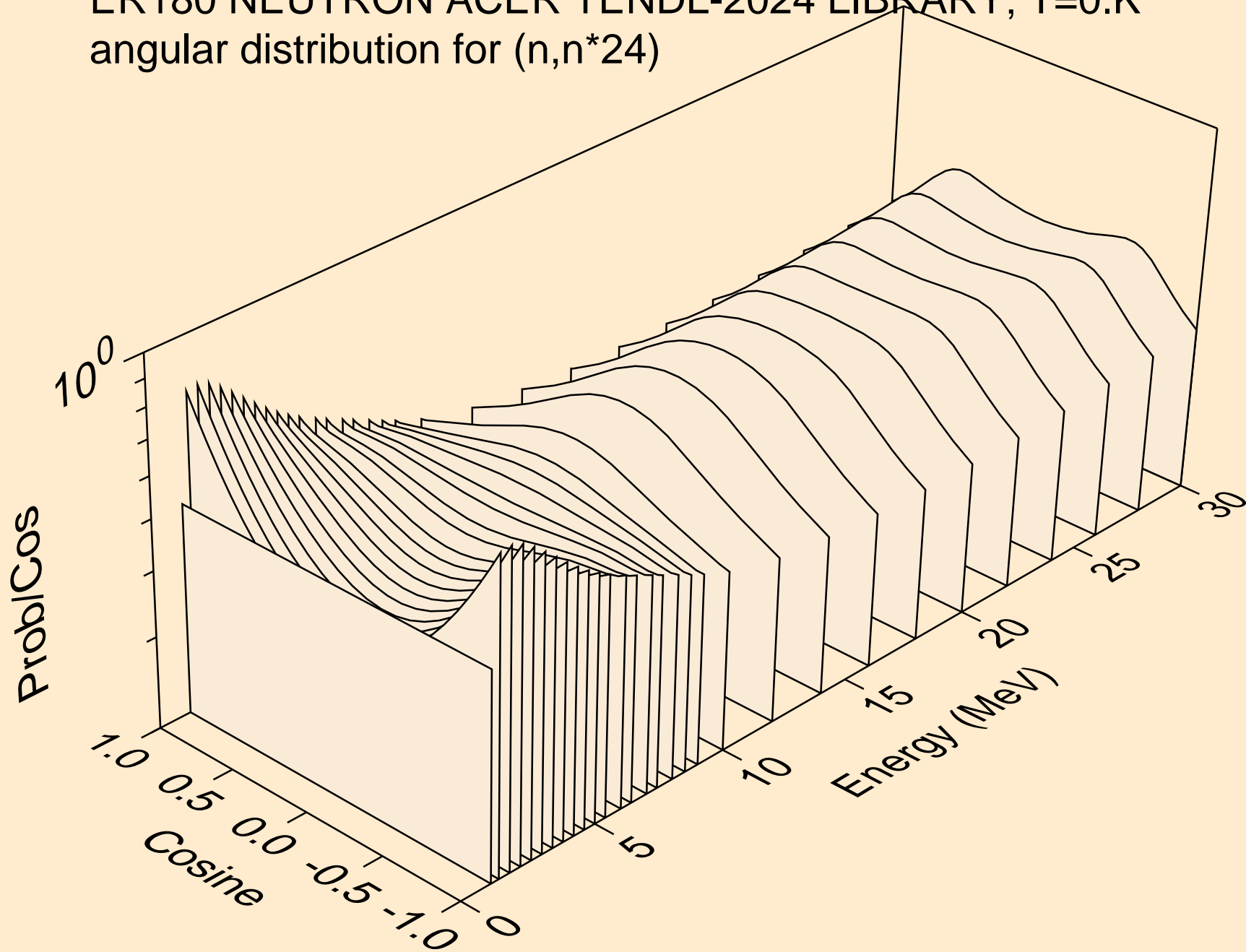
ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*22)



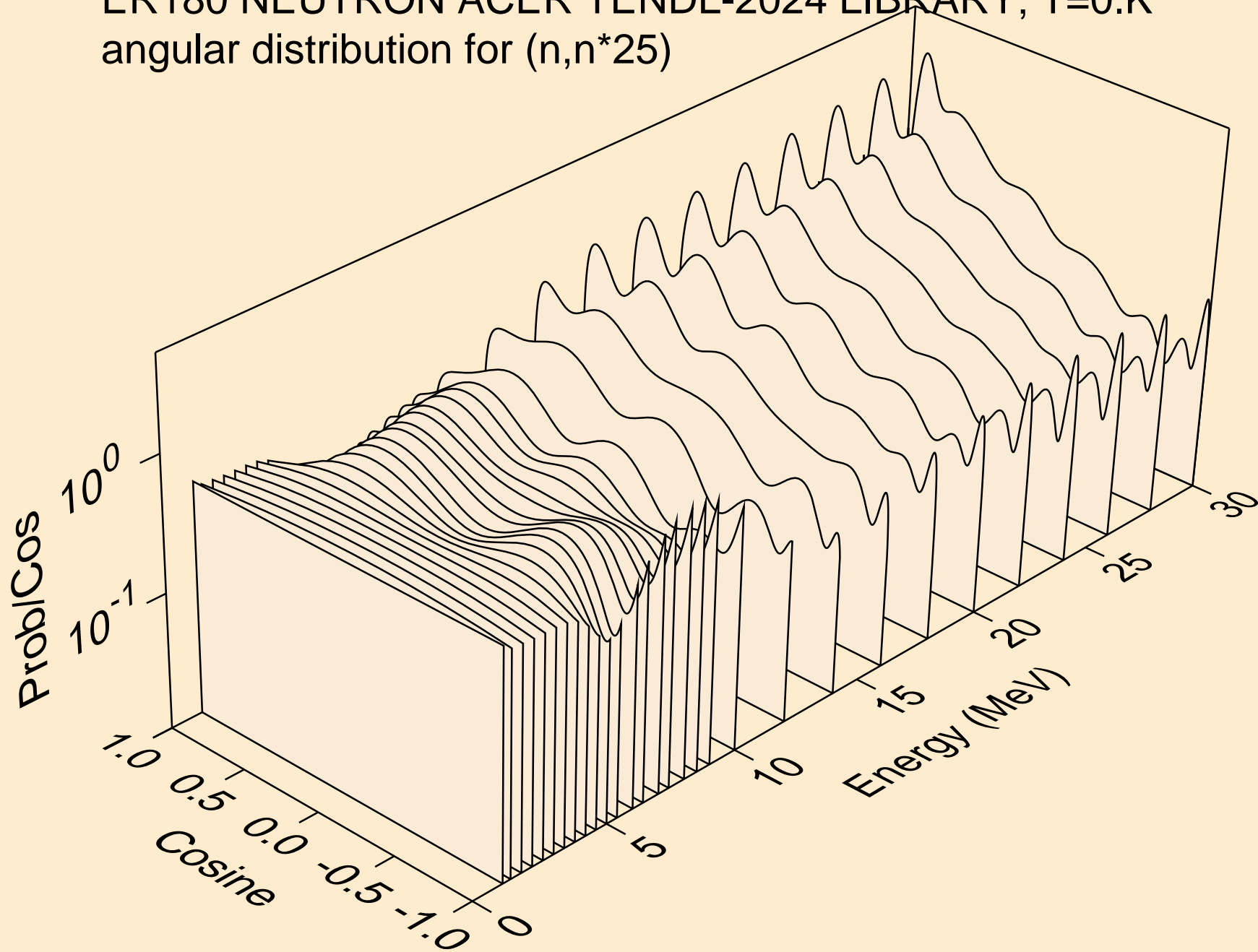
ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*23)



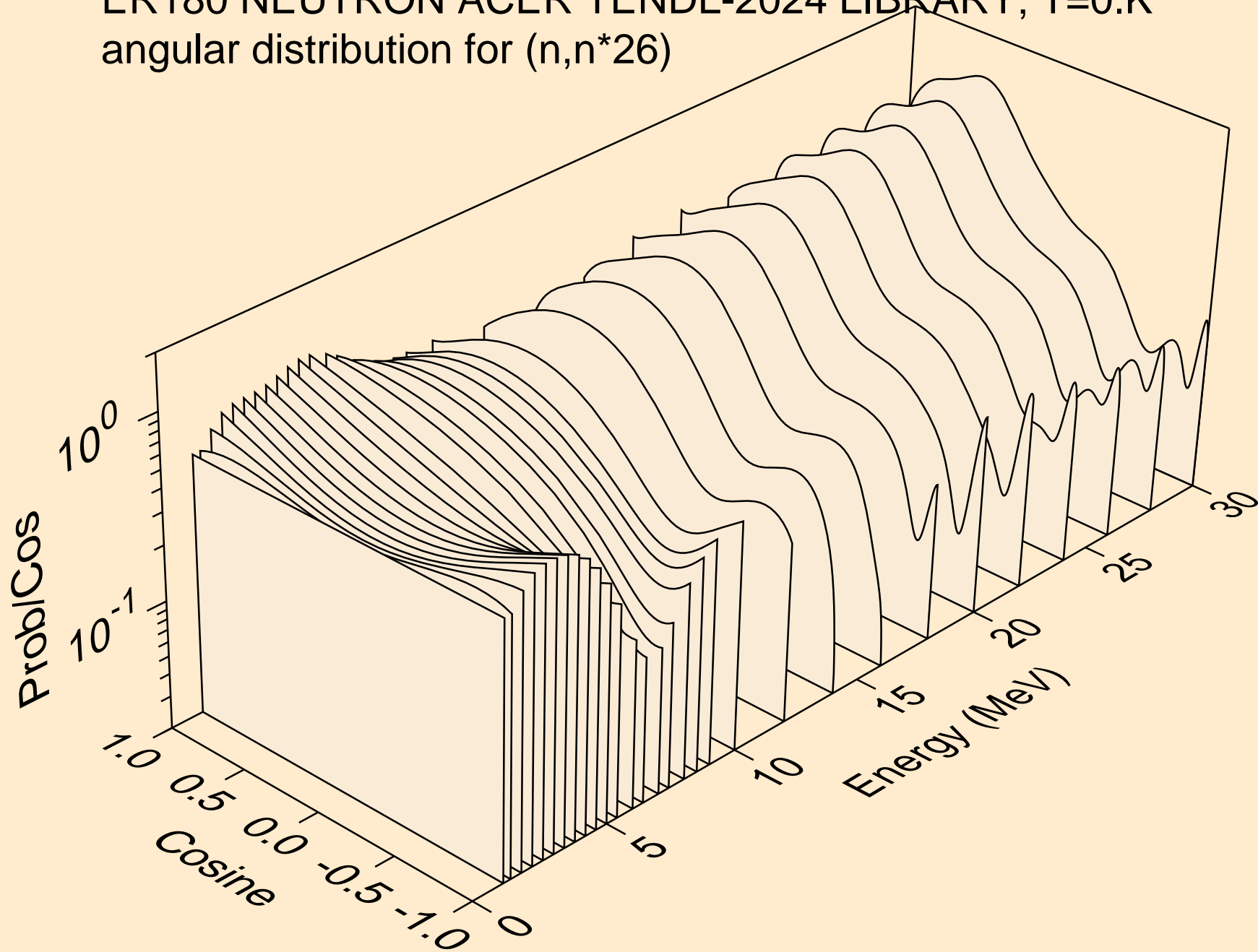
ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*24)



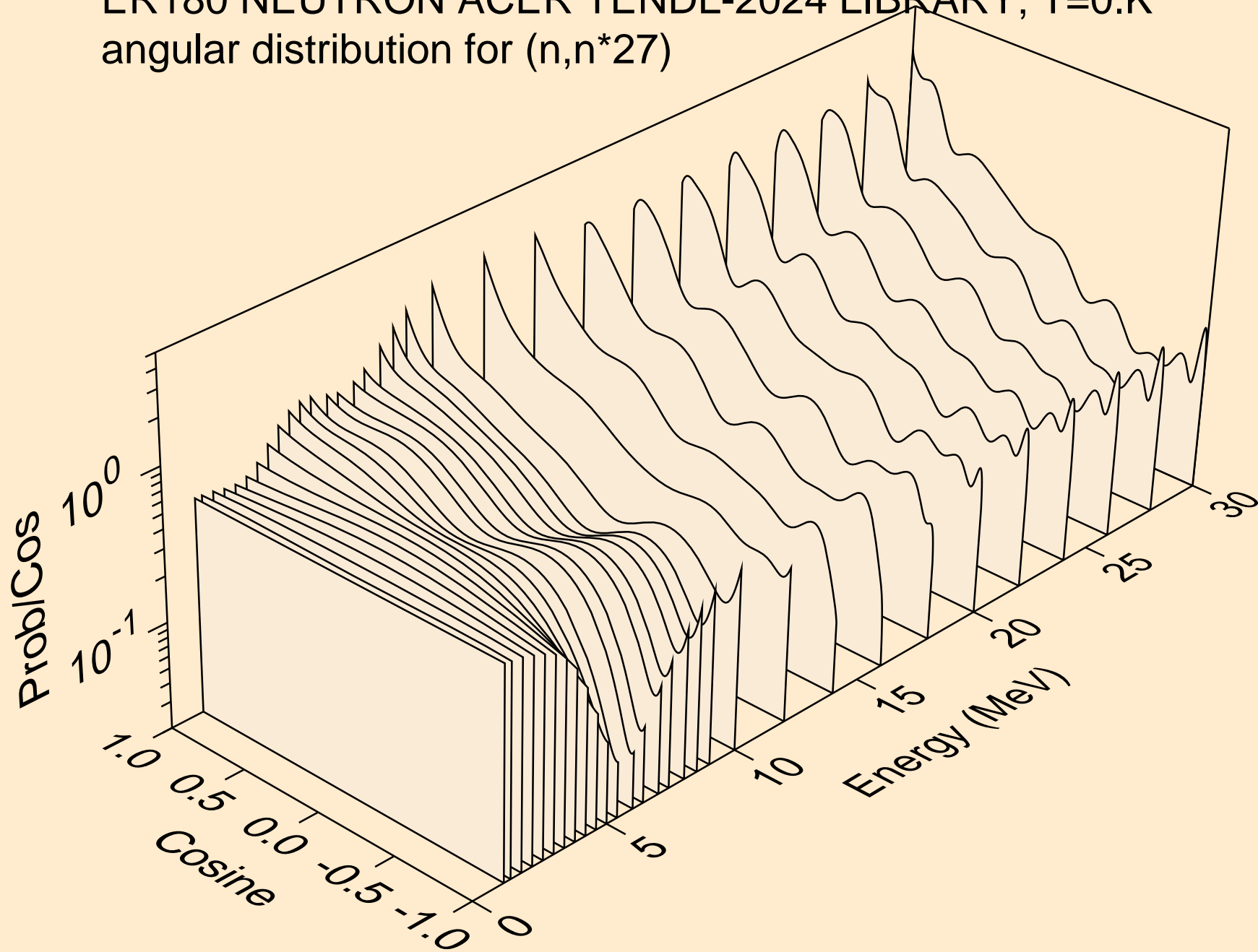
ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



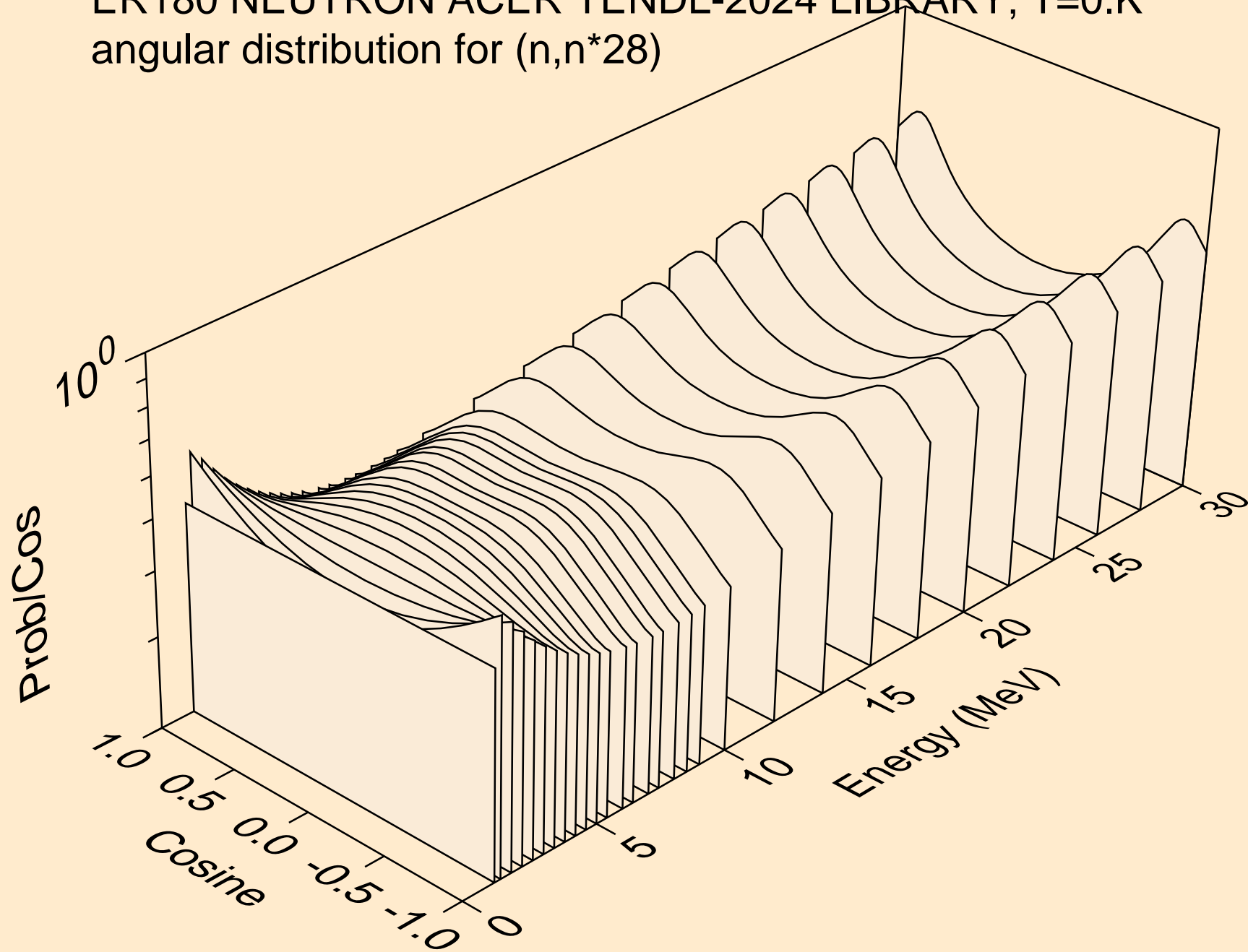
ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)



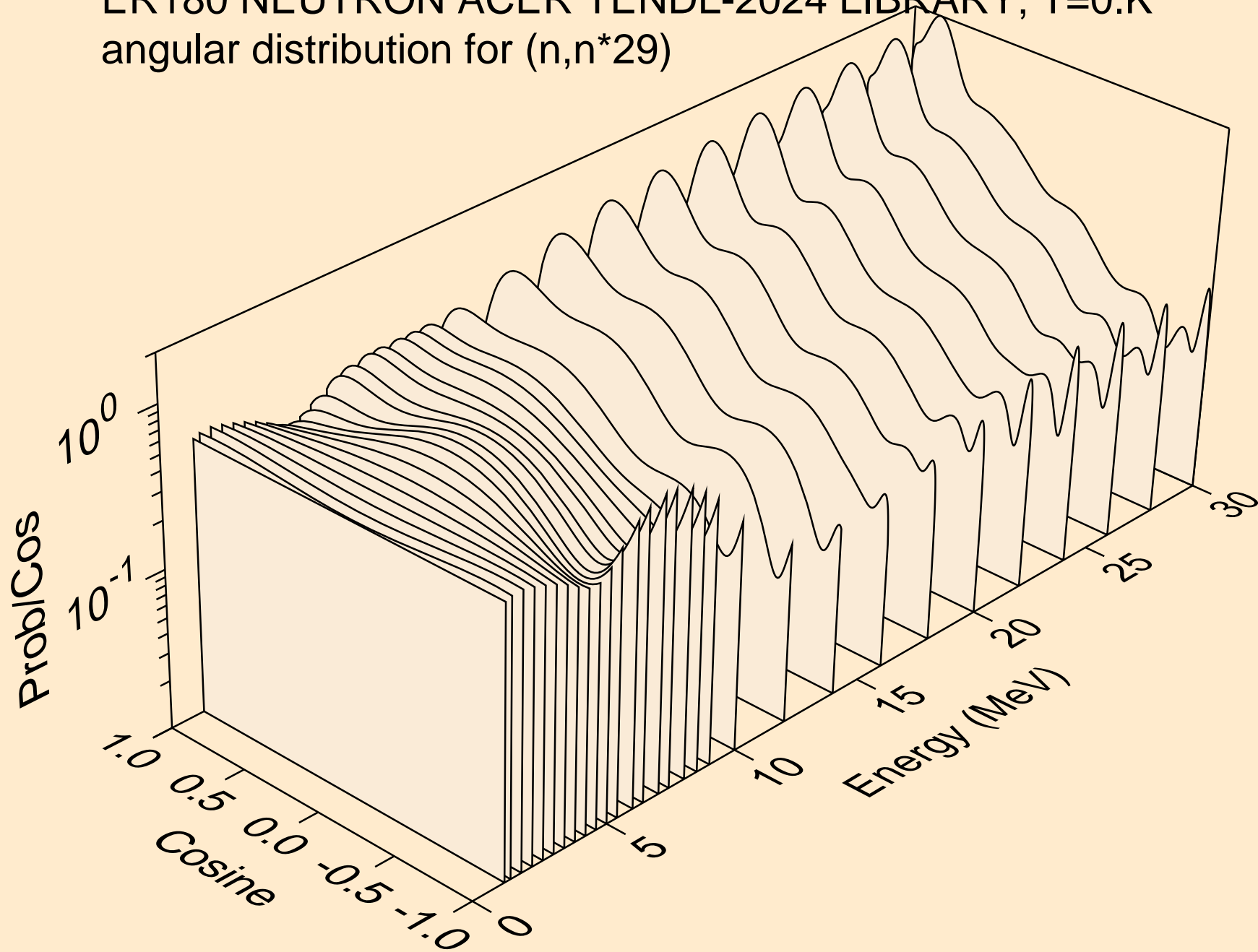
ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)



ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*28)

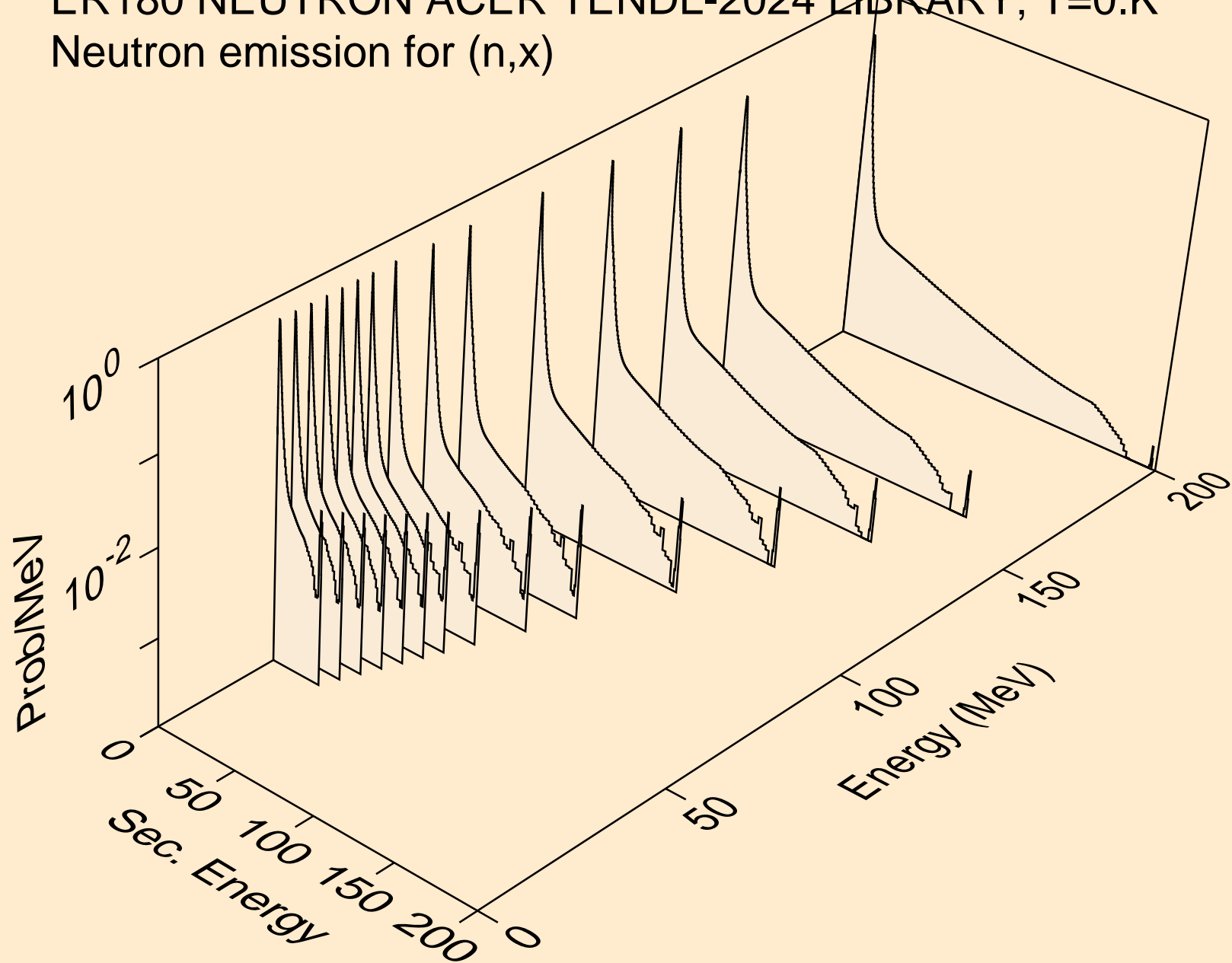


ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*29)

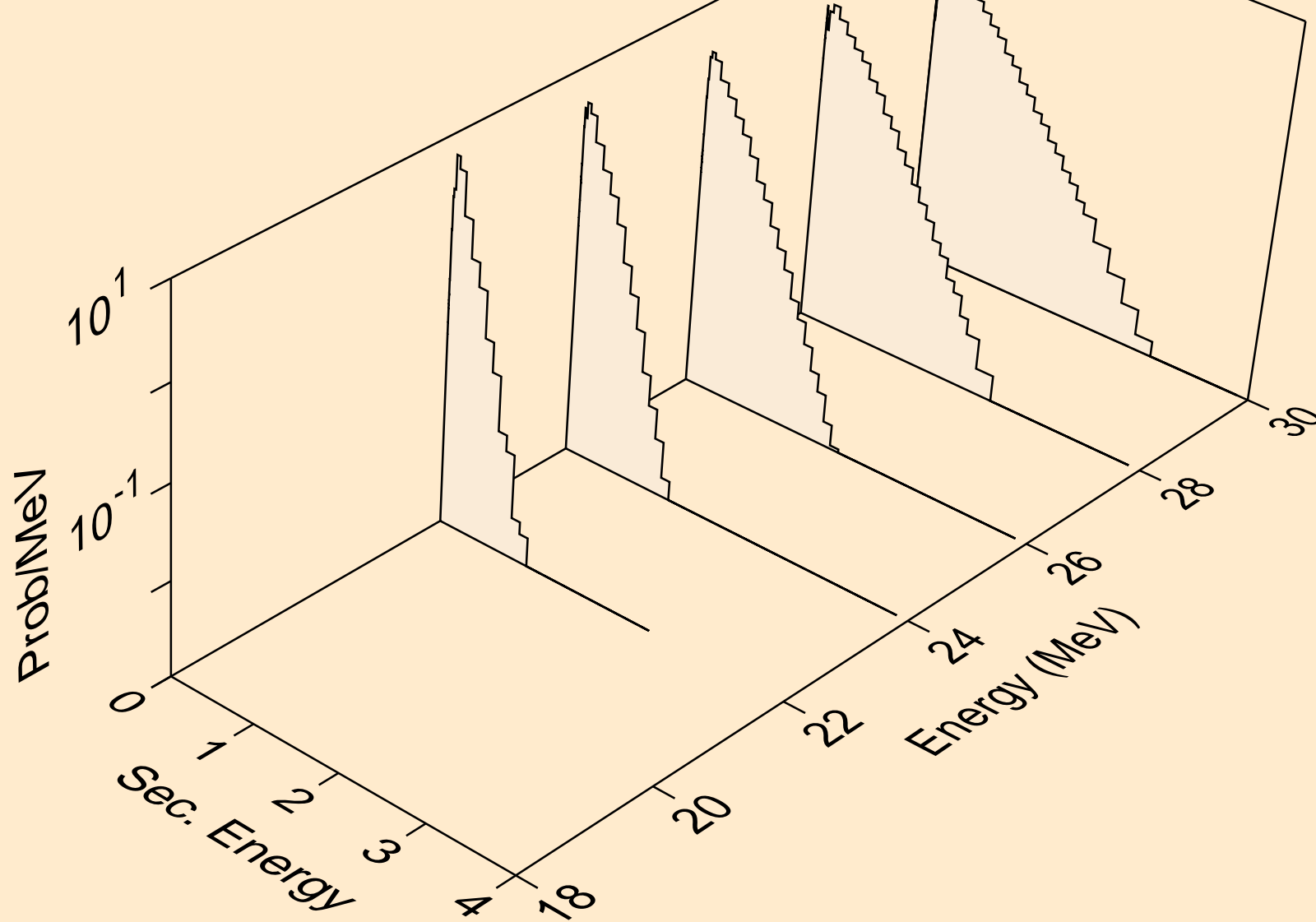




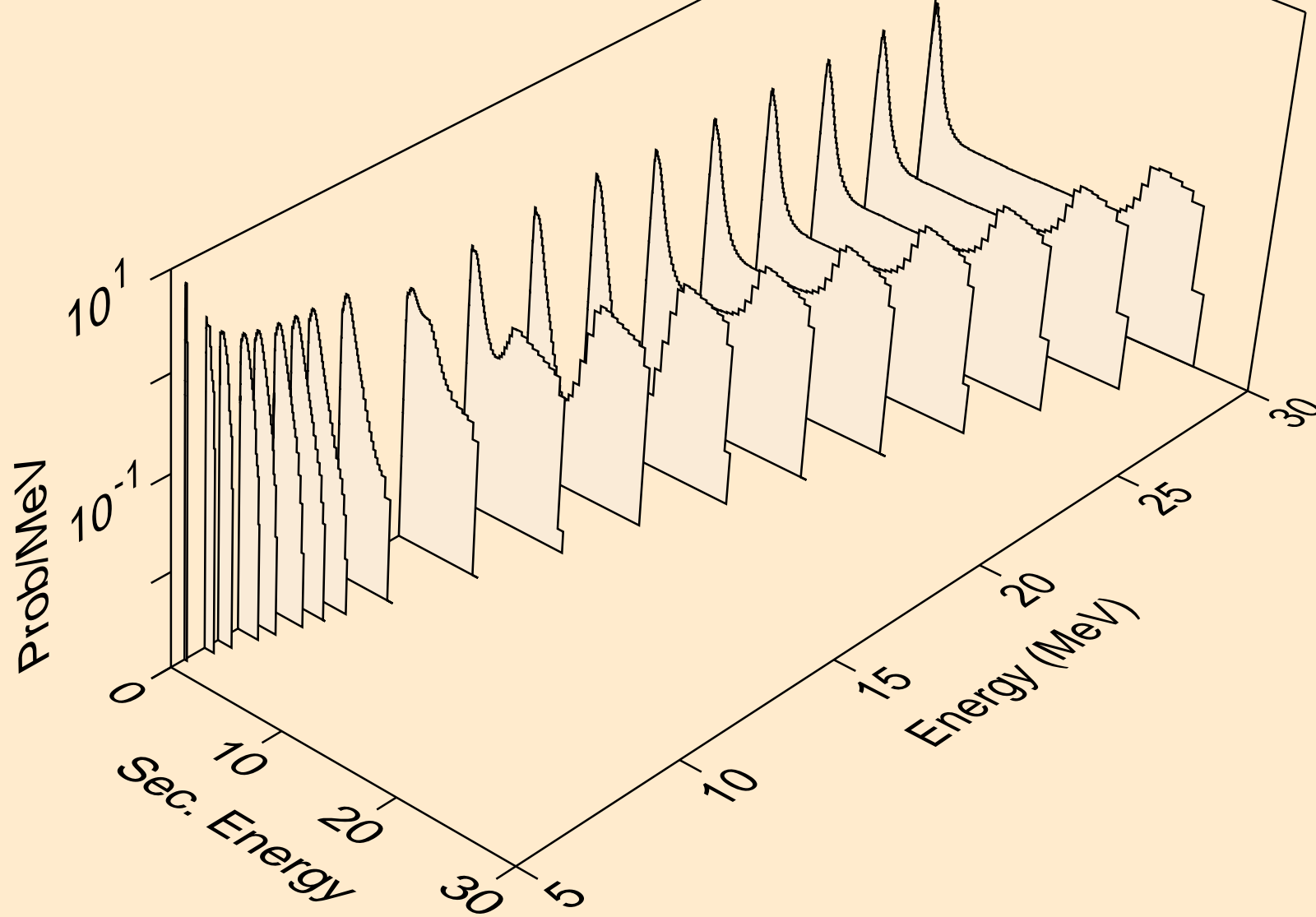
ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



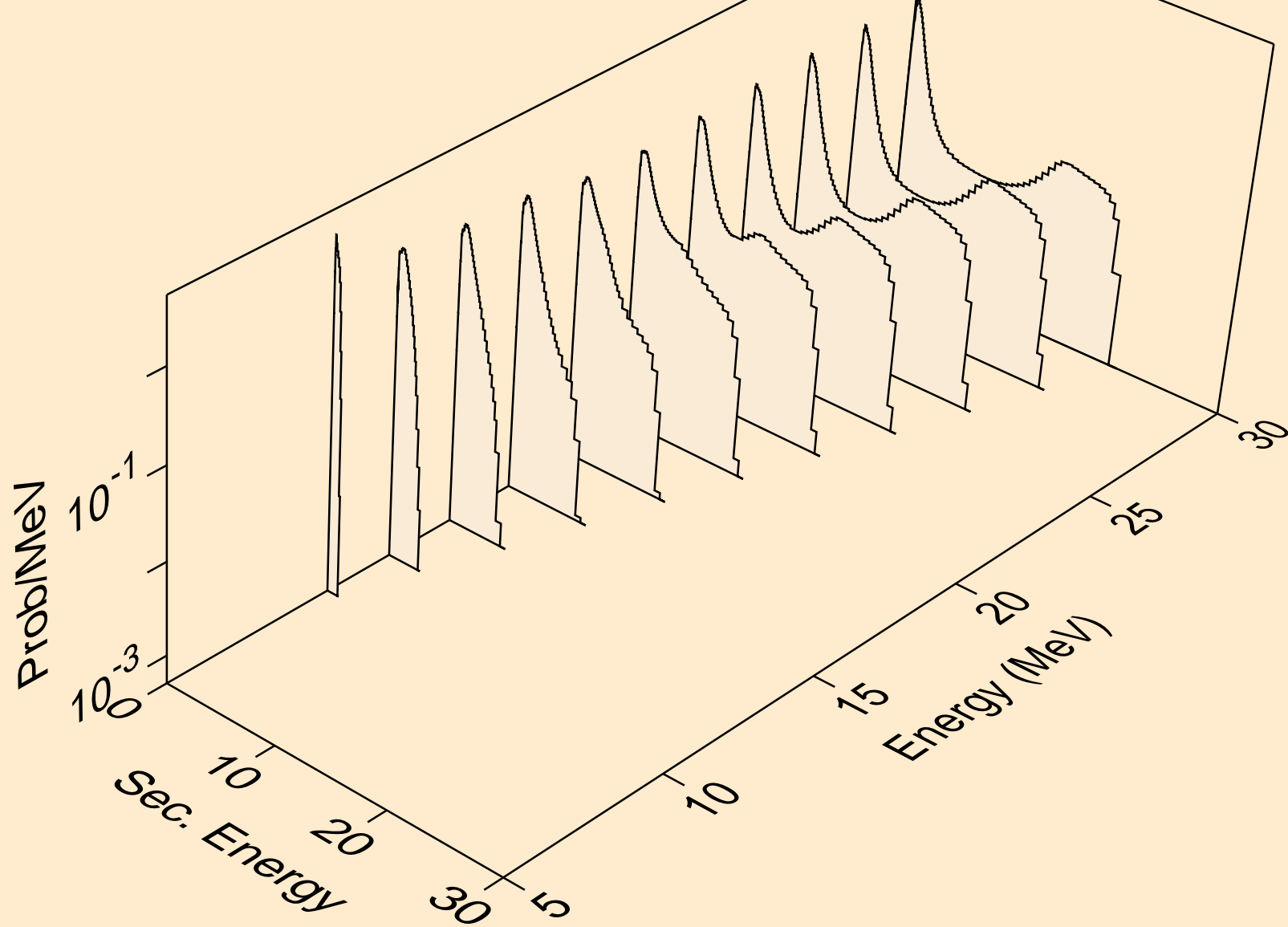
ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



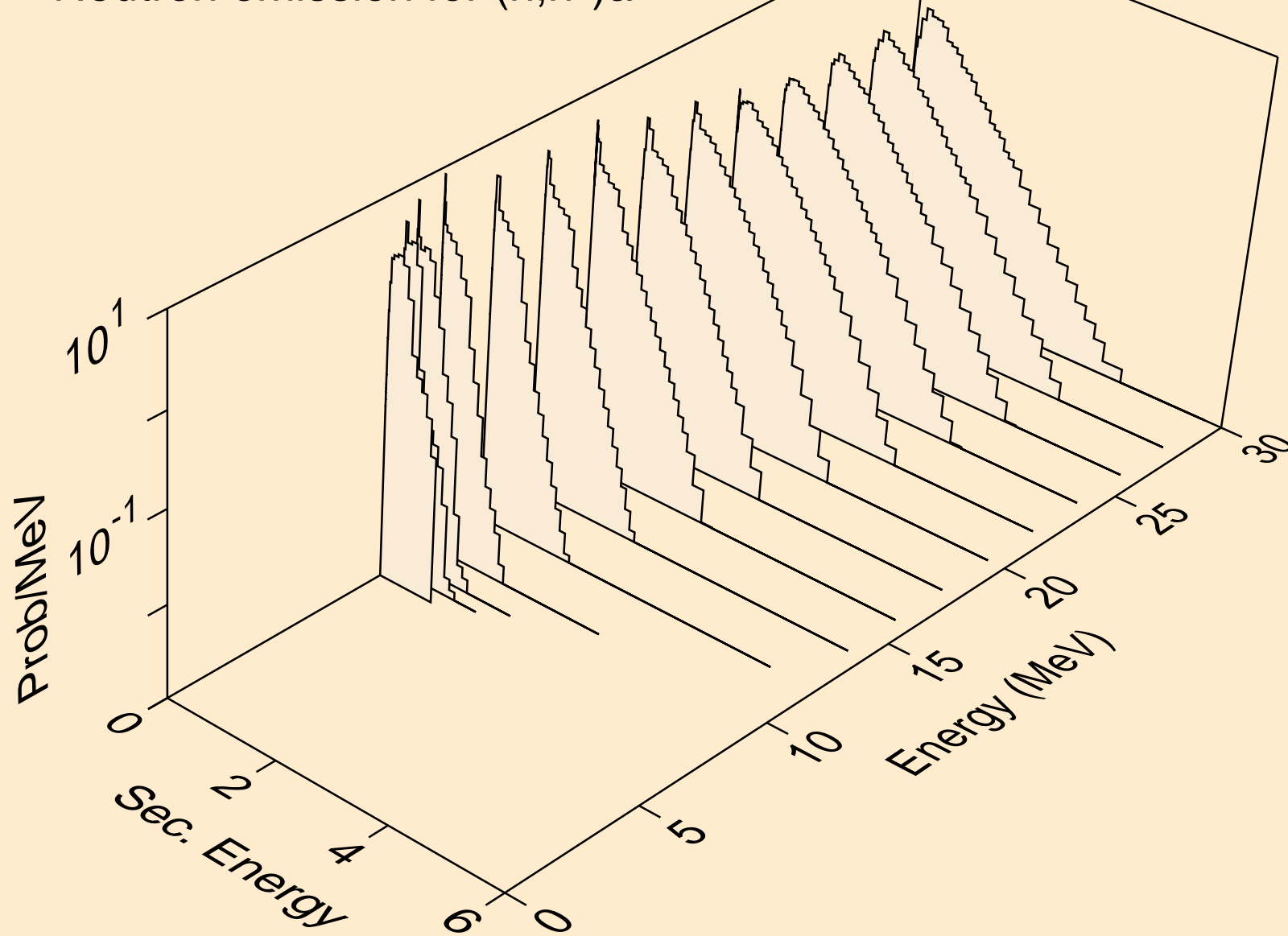
ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



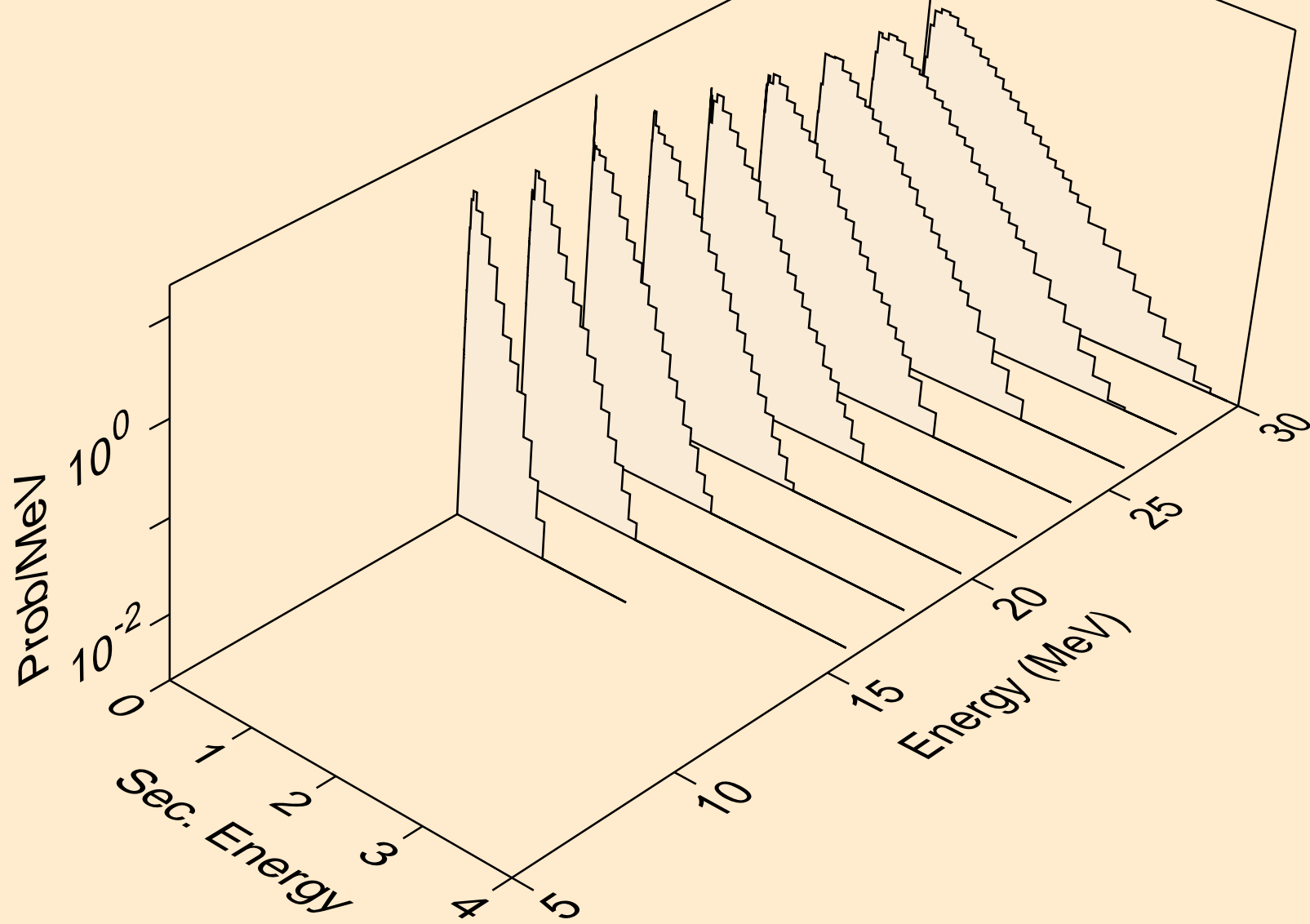
ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



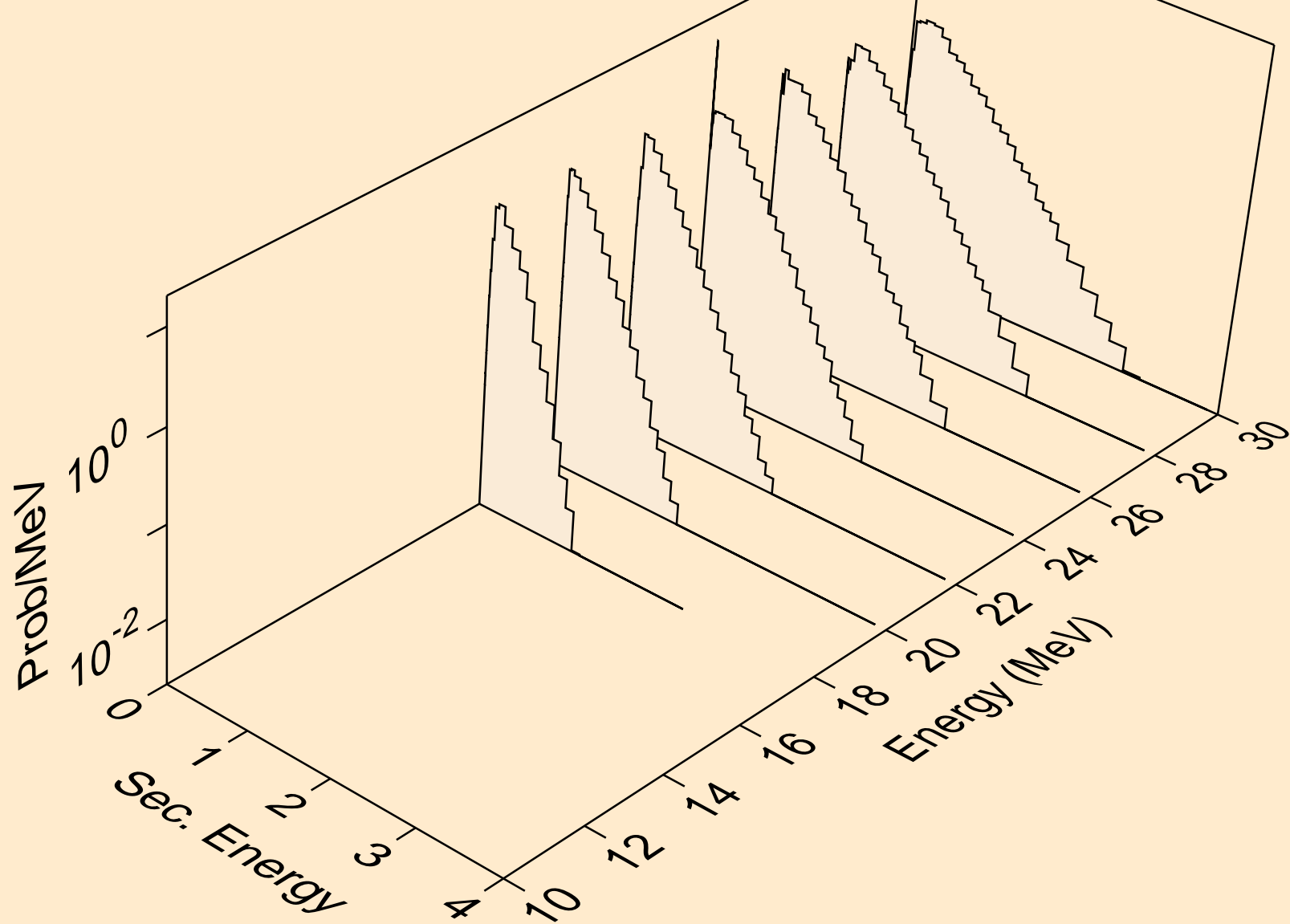
ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



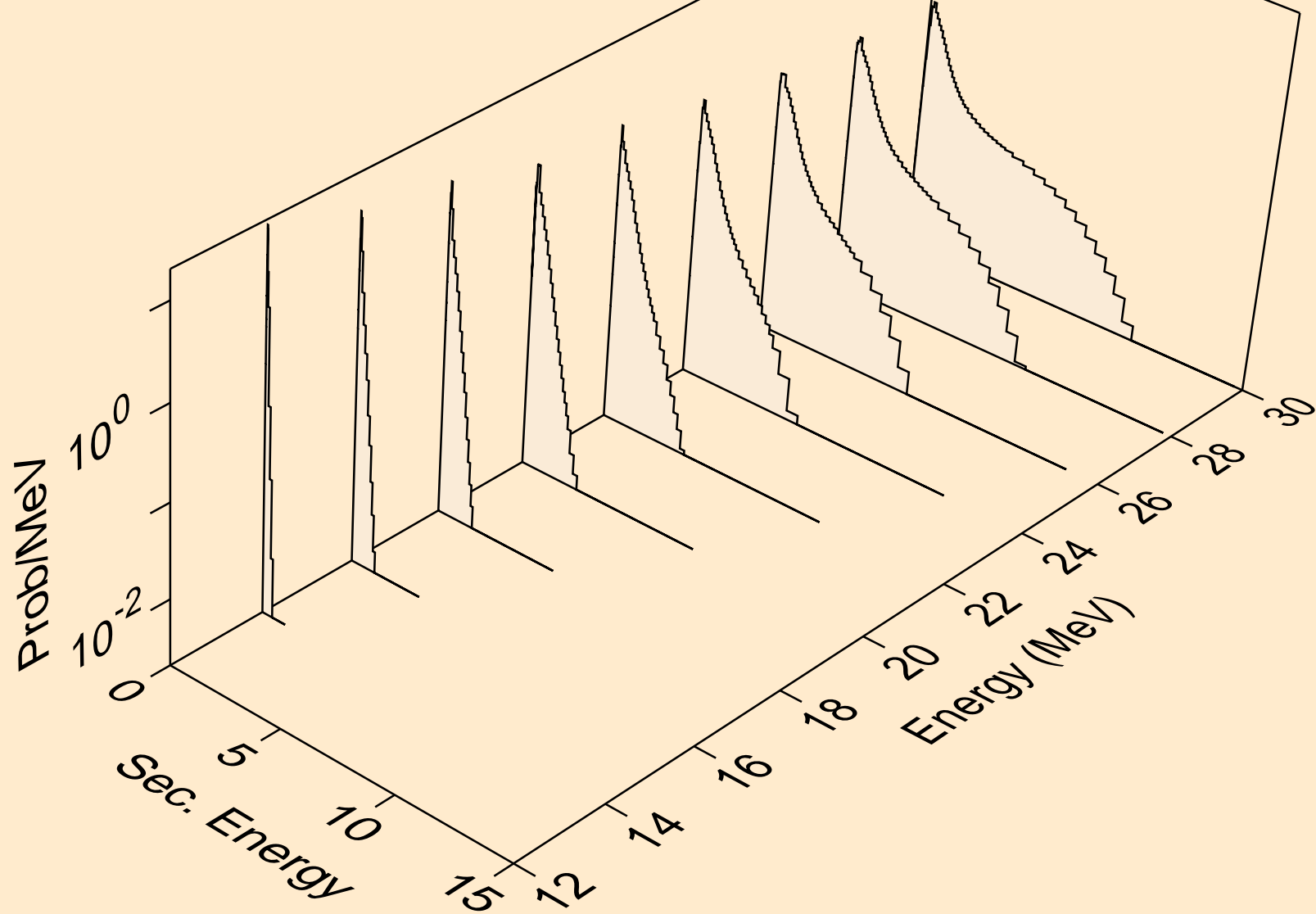
ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a

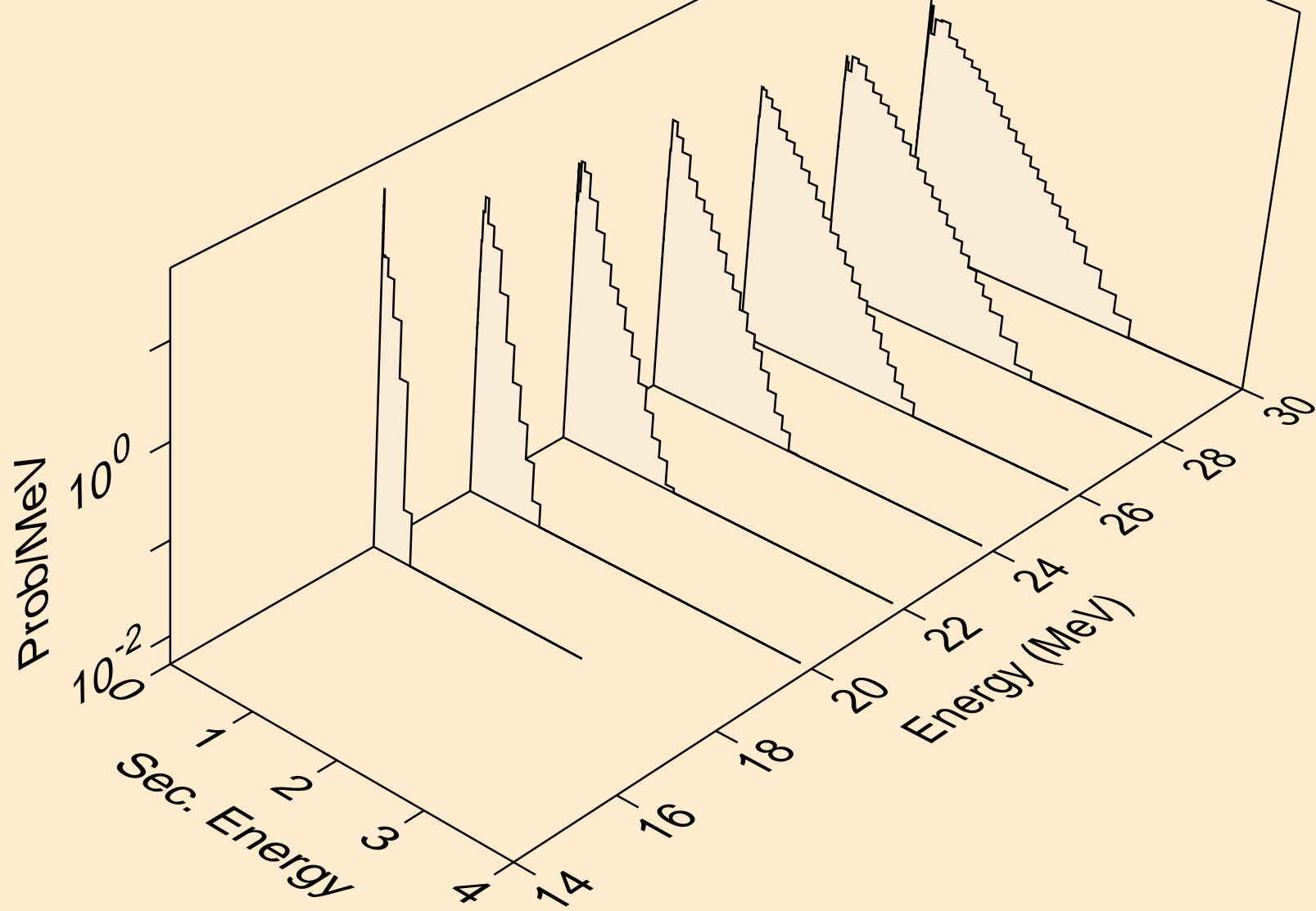


ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p

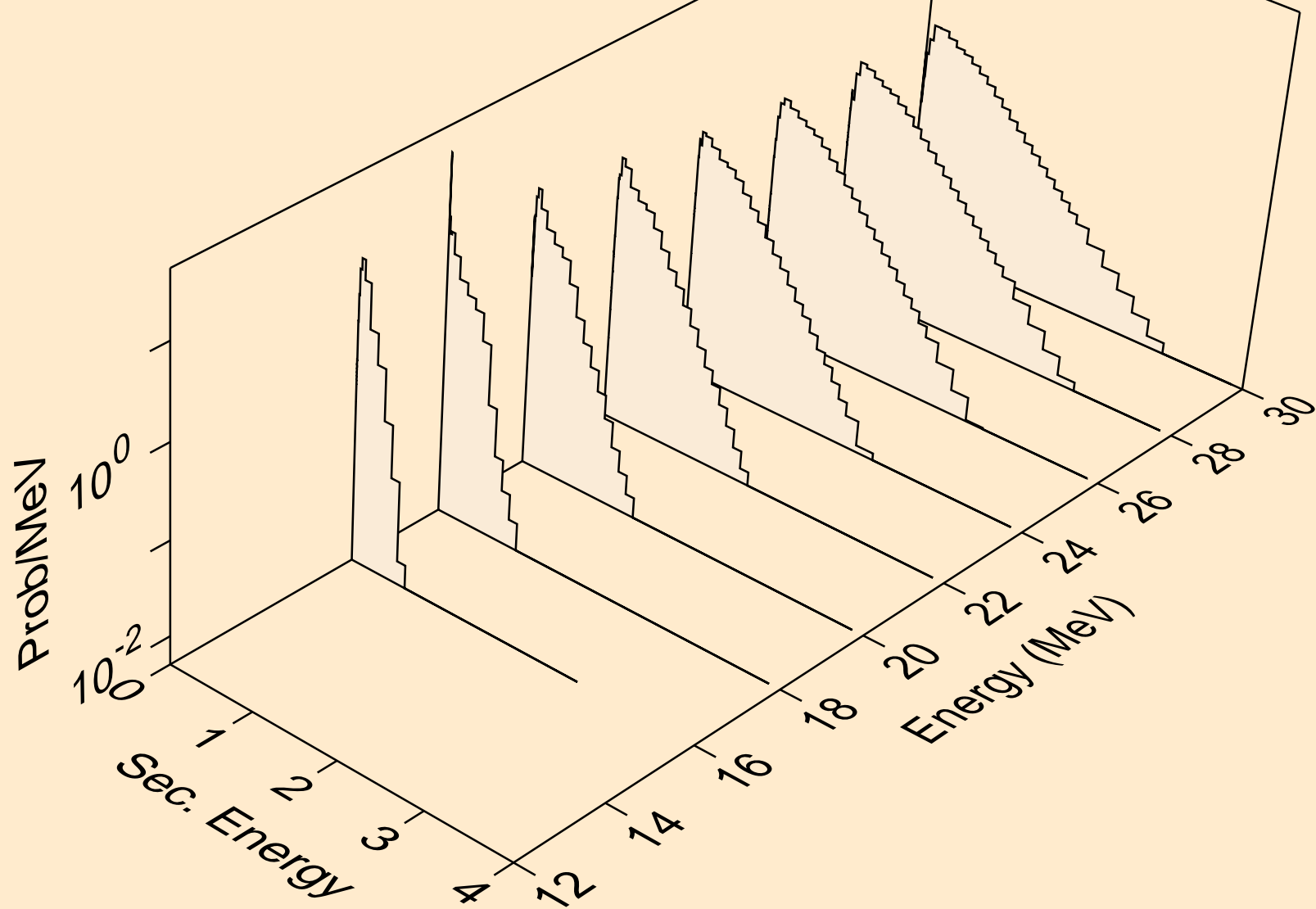




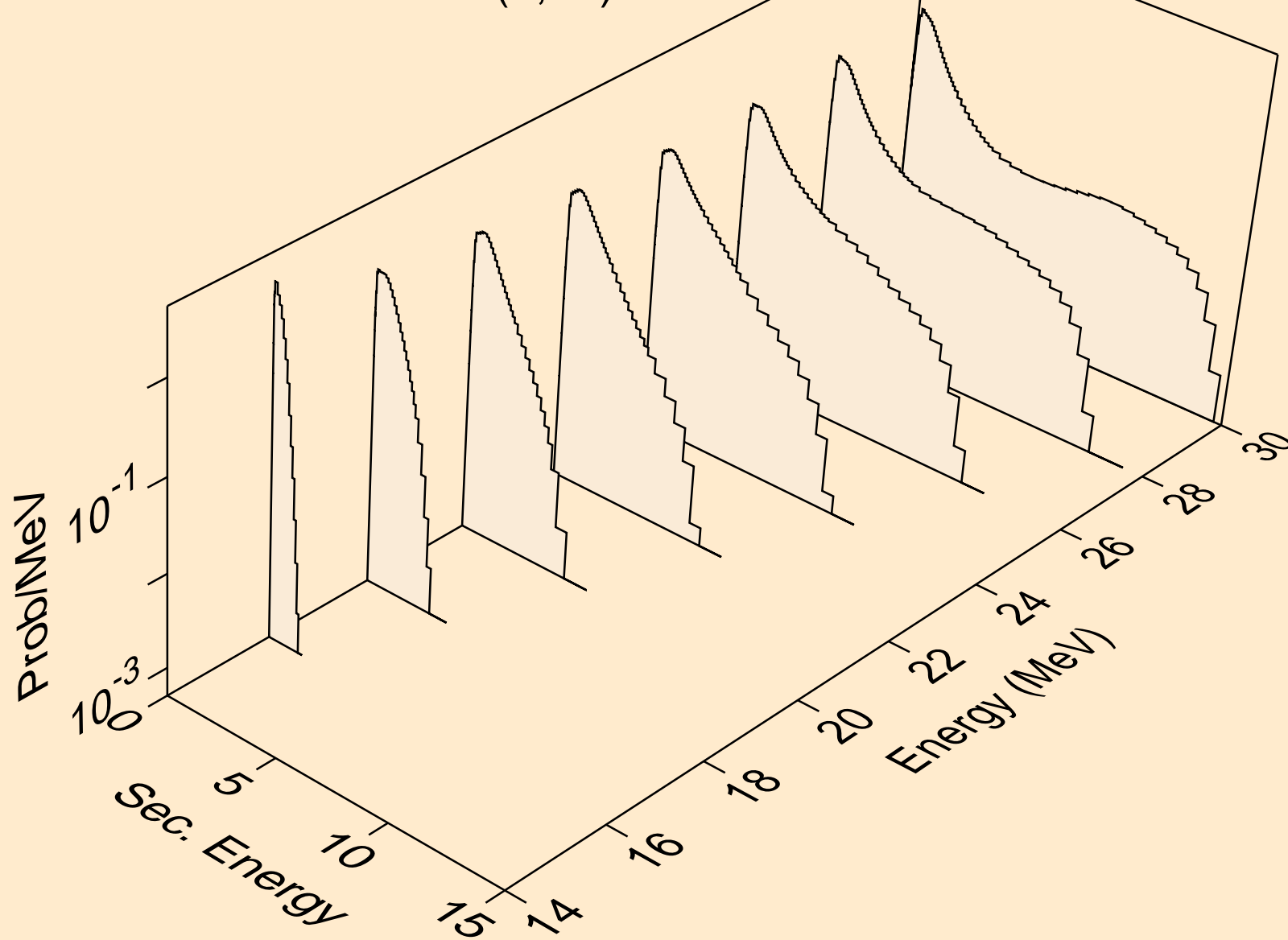
ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



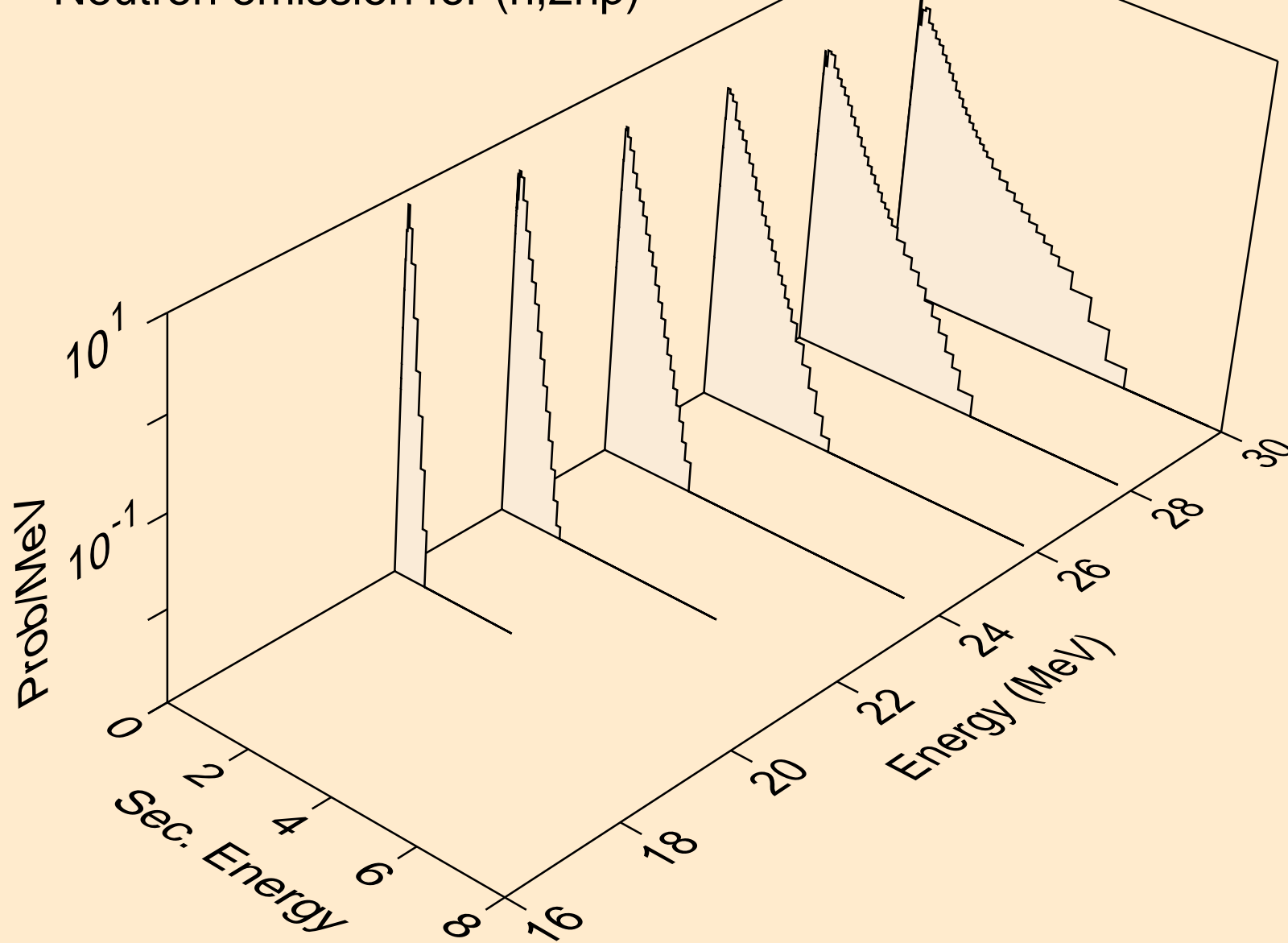
ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



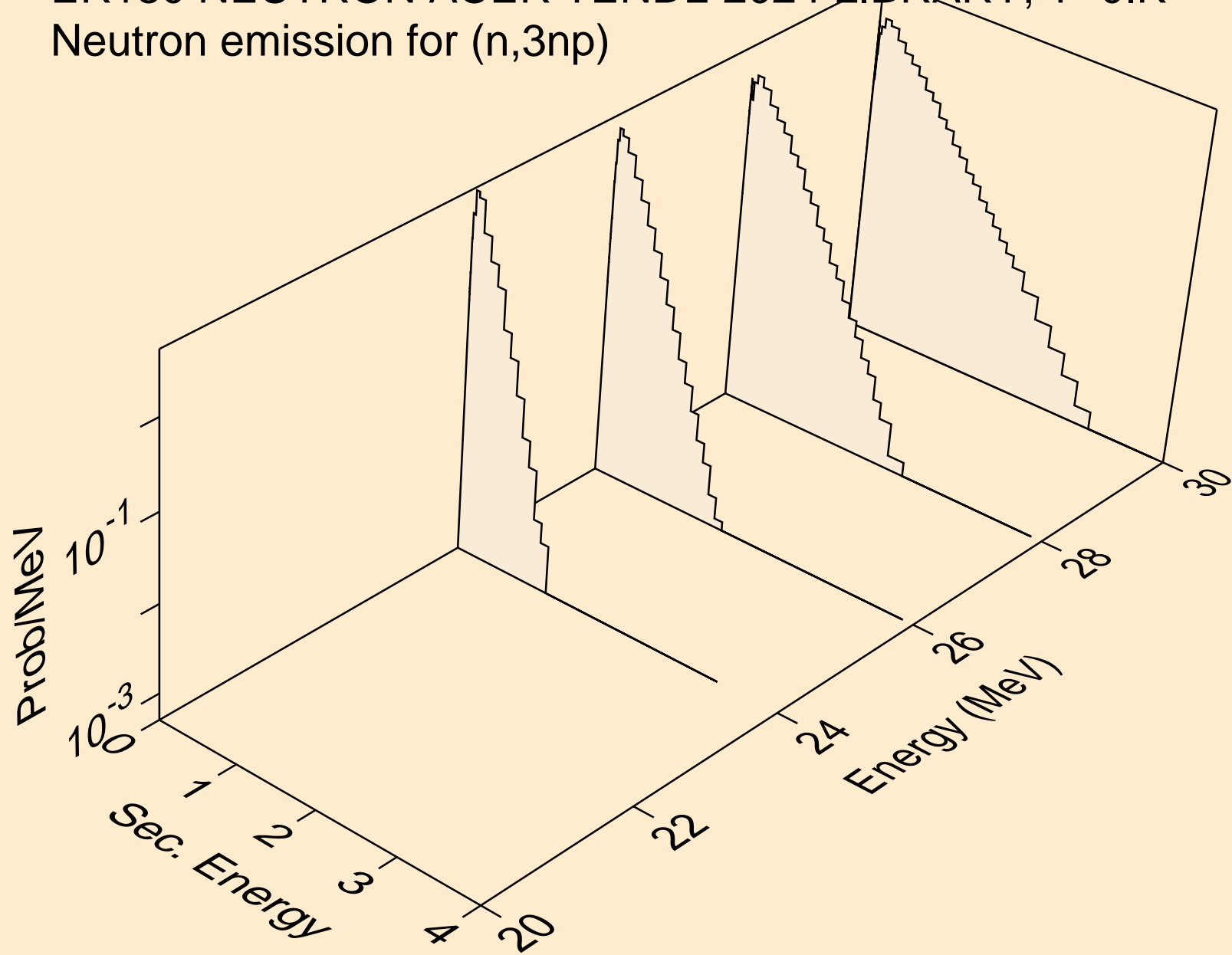
ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



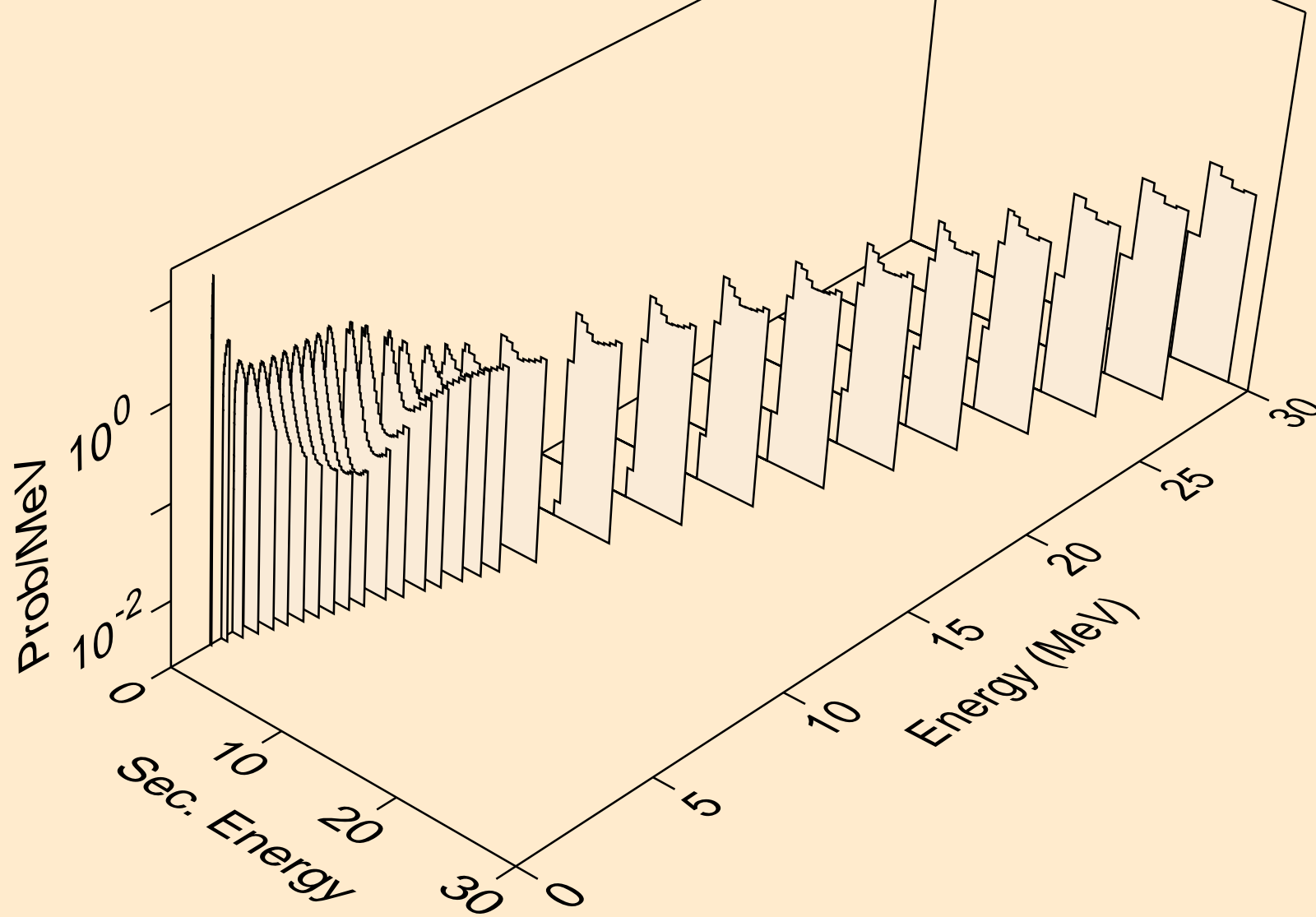
ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



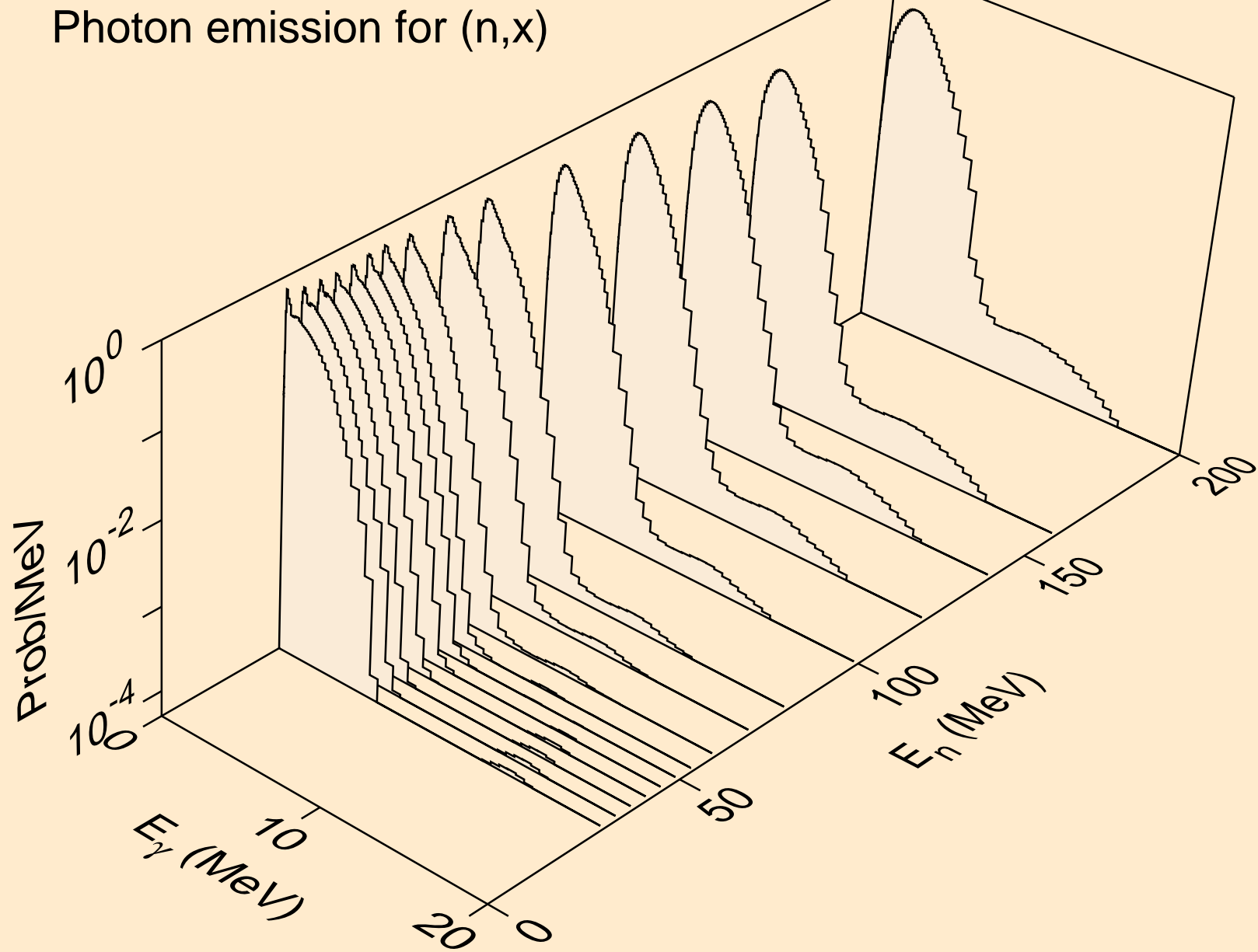
ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



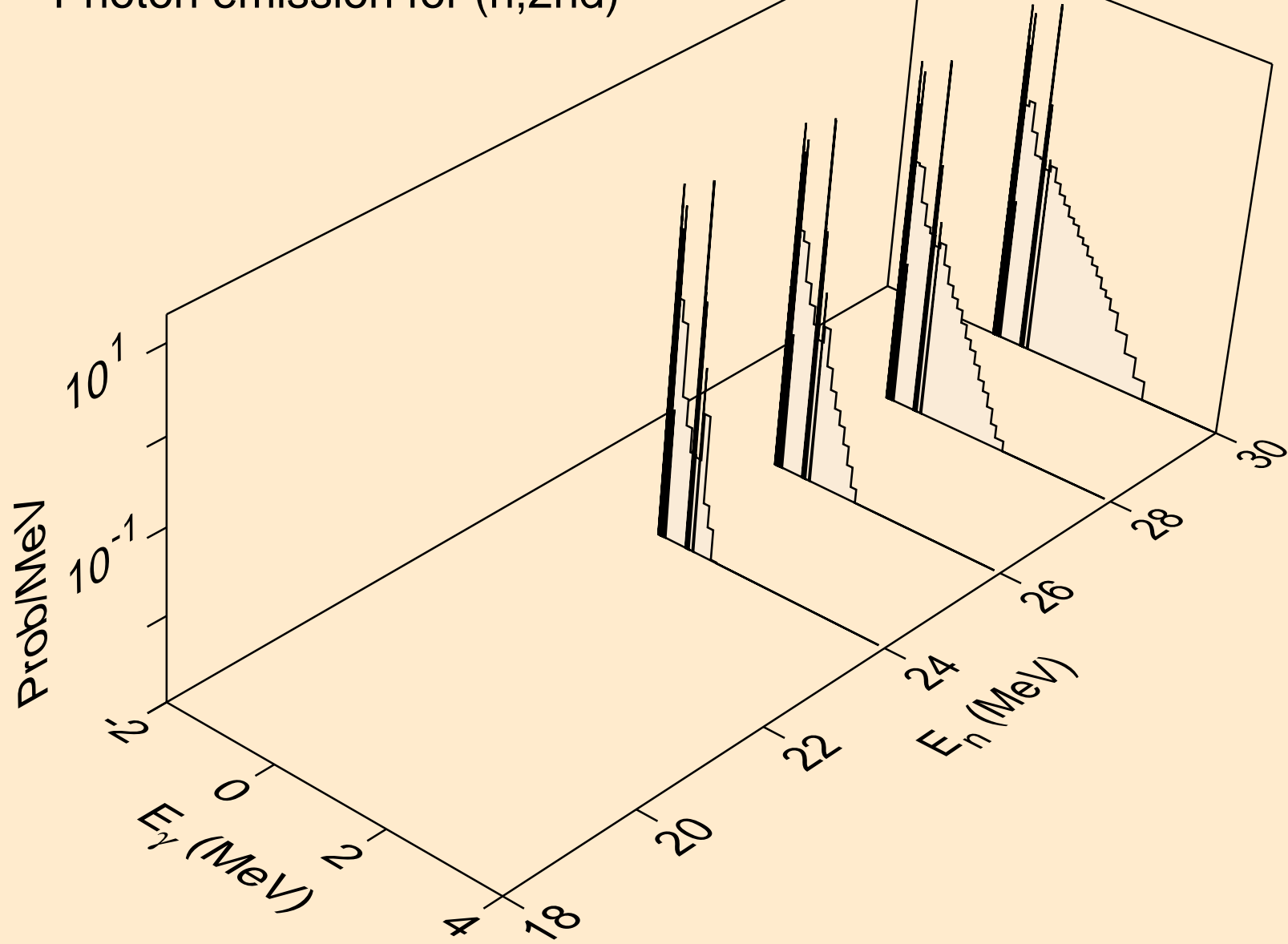
ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)

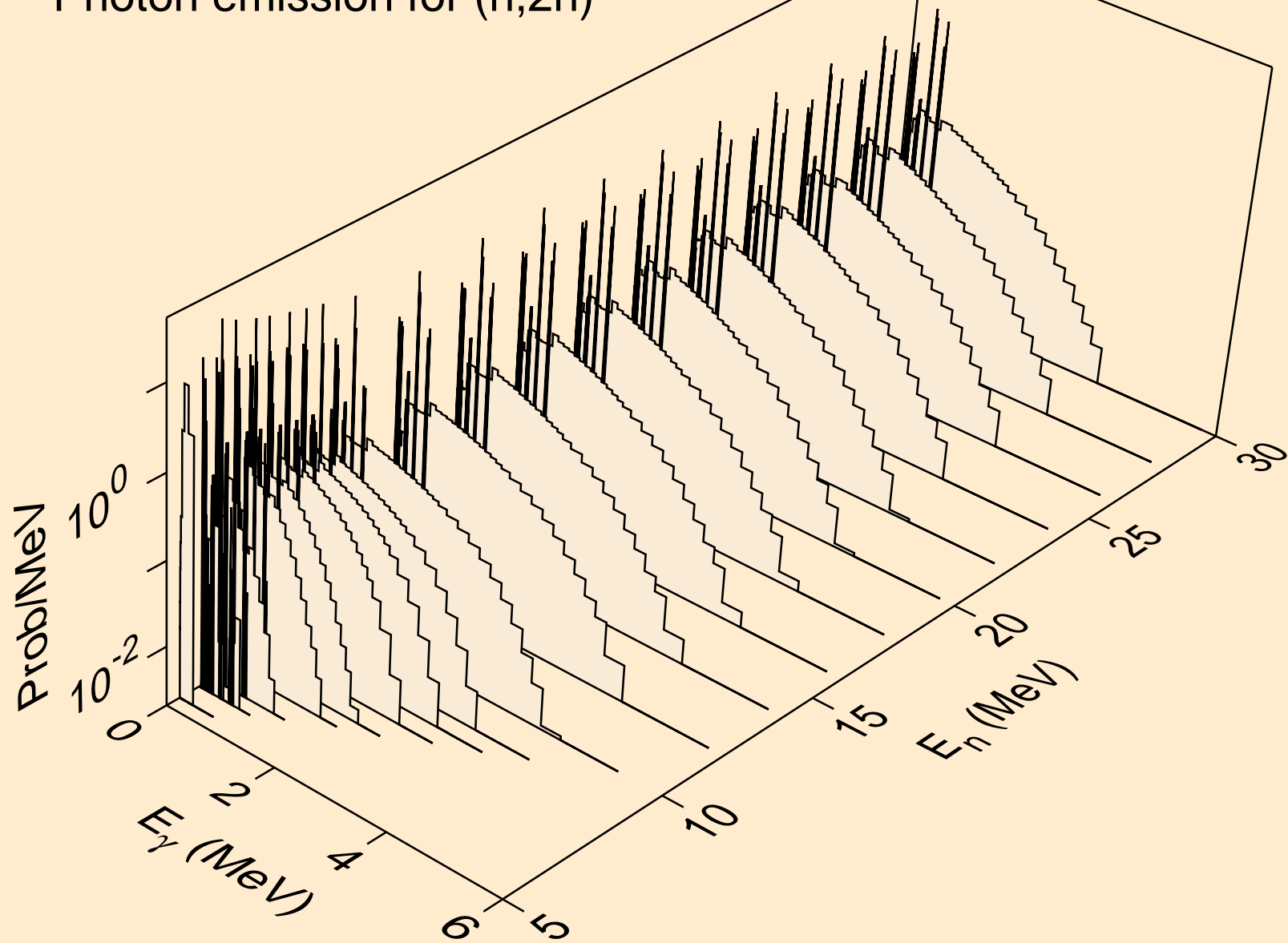


ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)

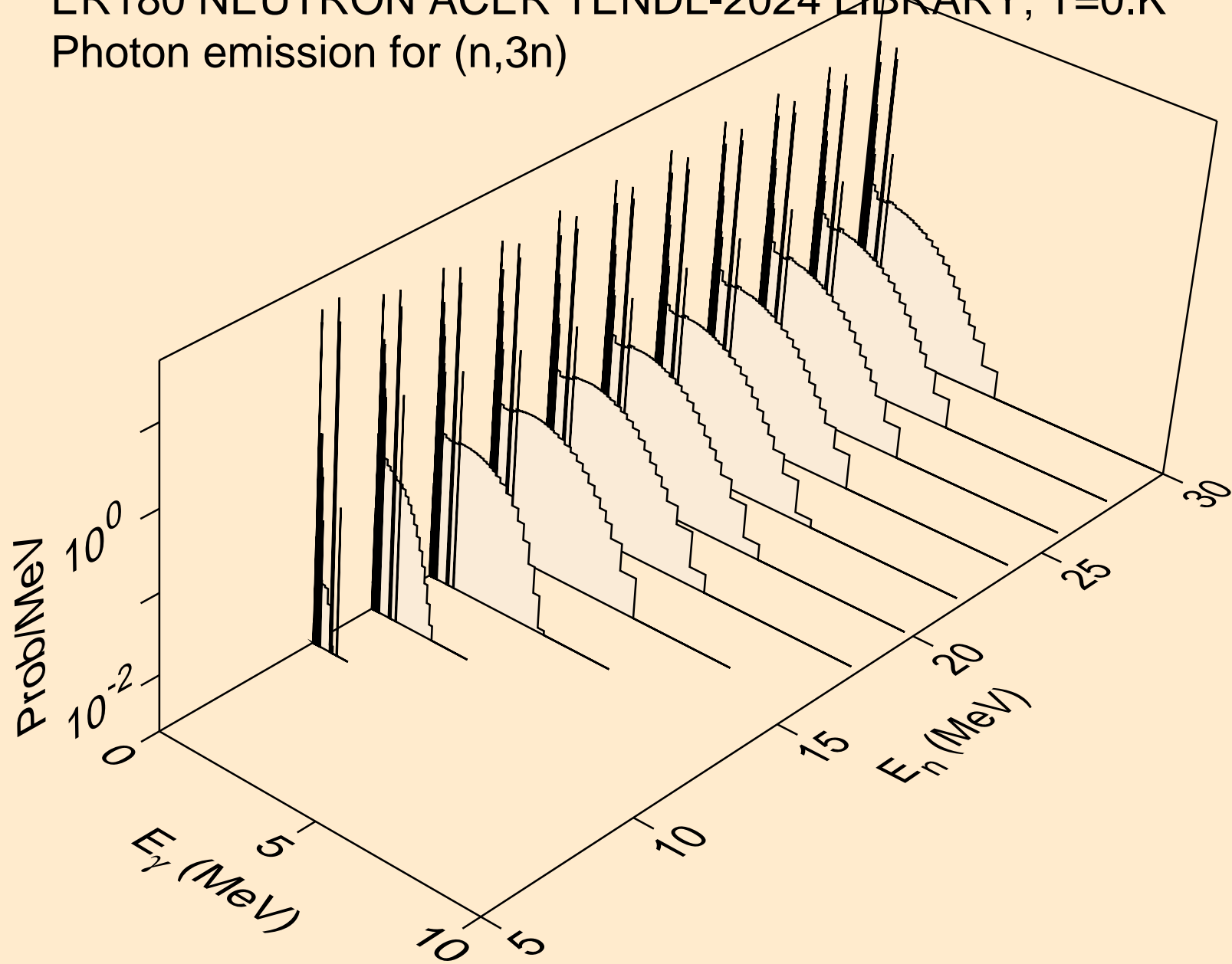




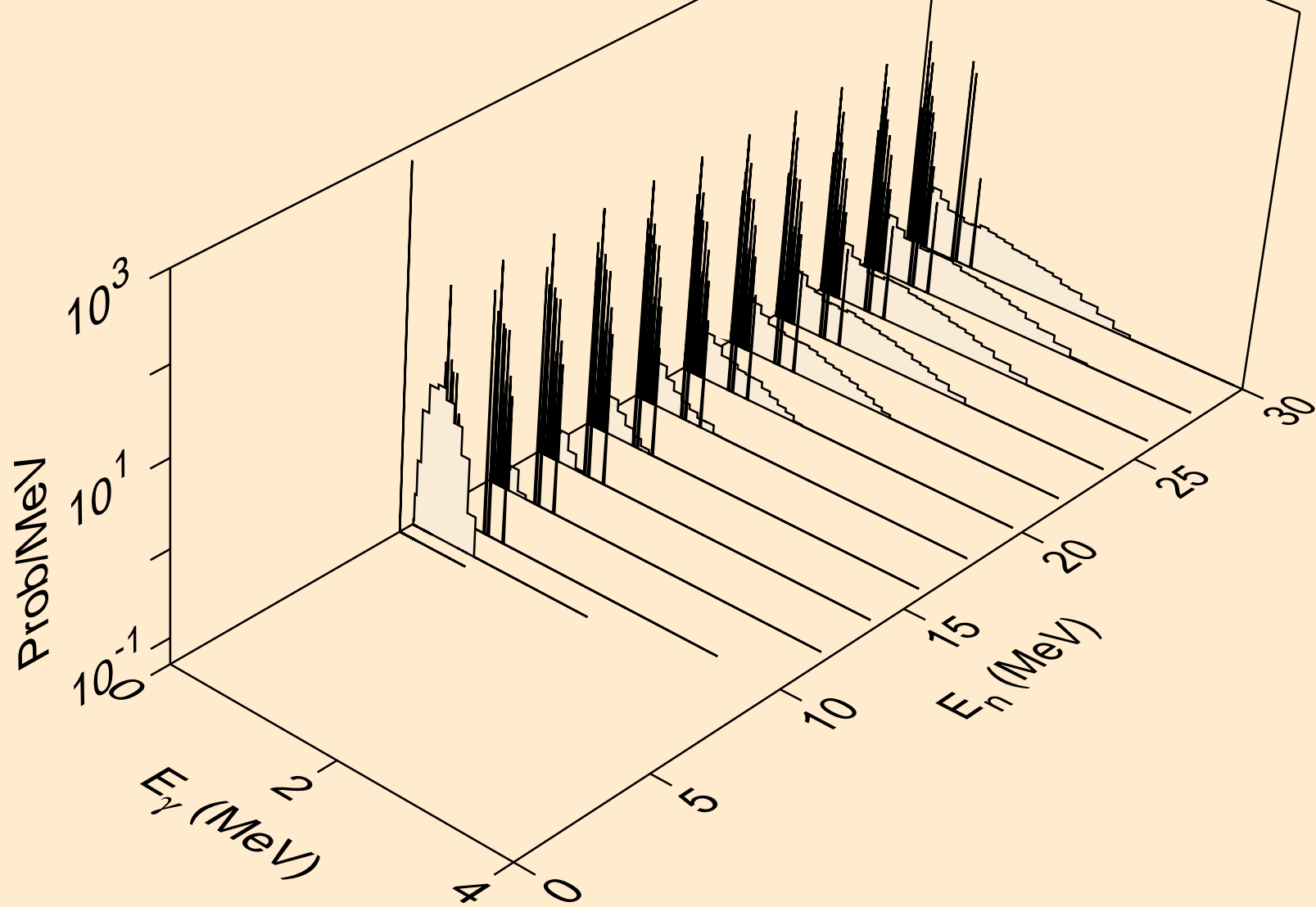
ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



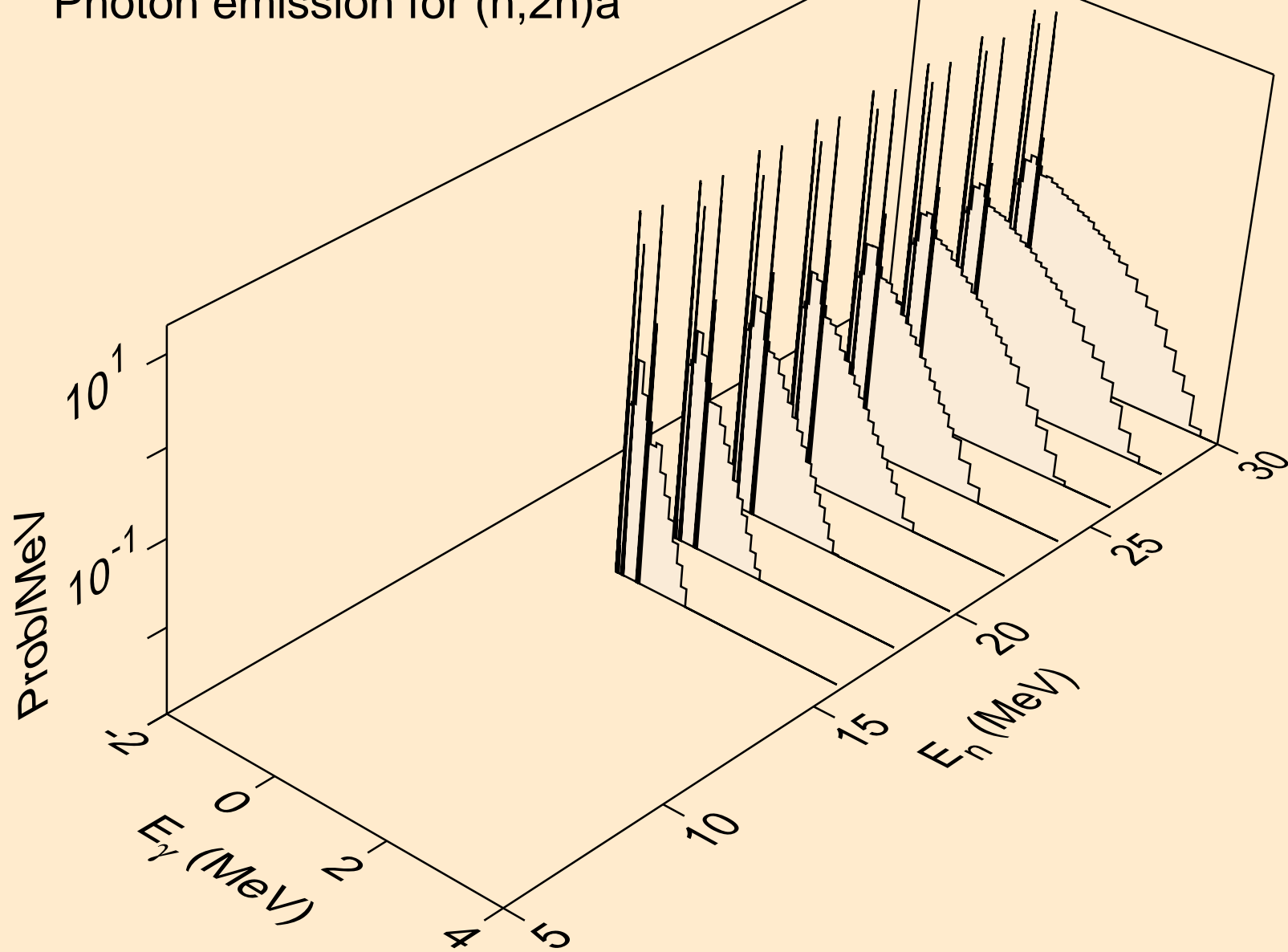
ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



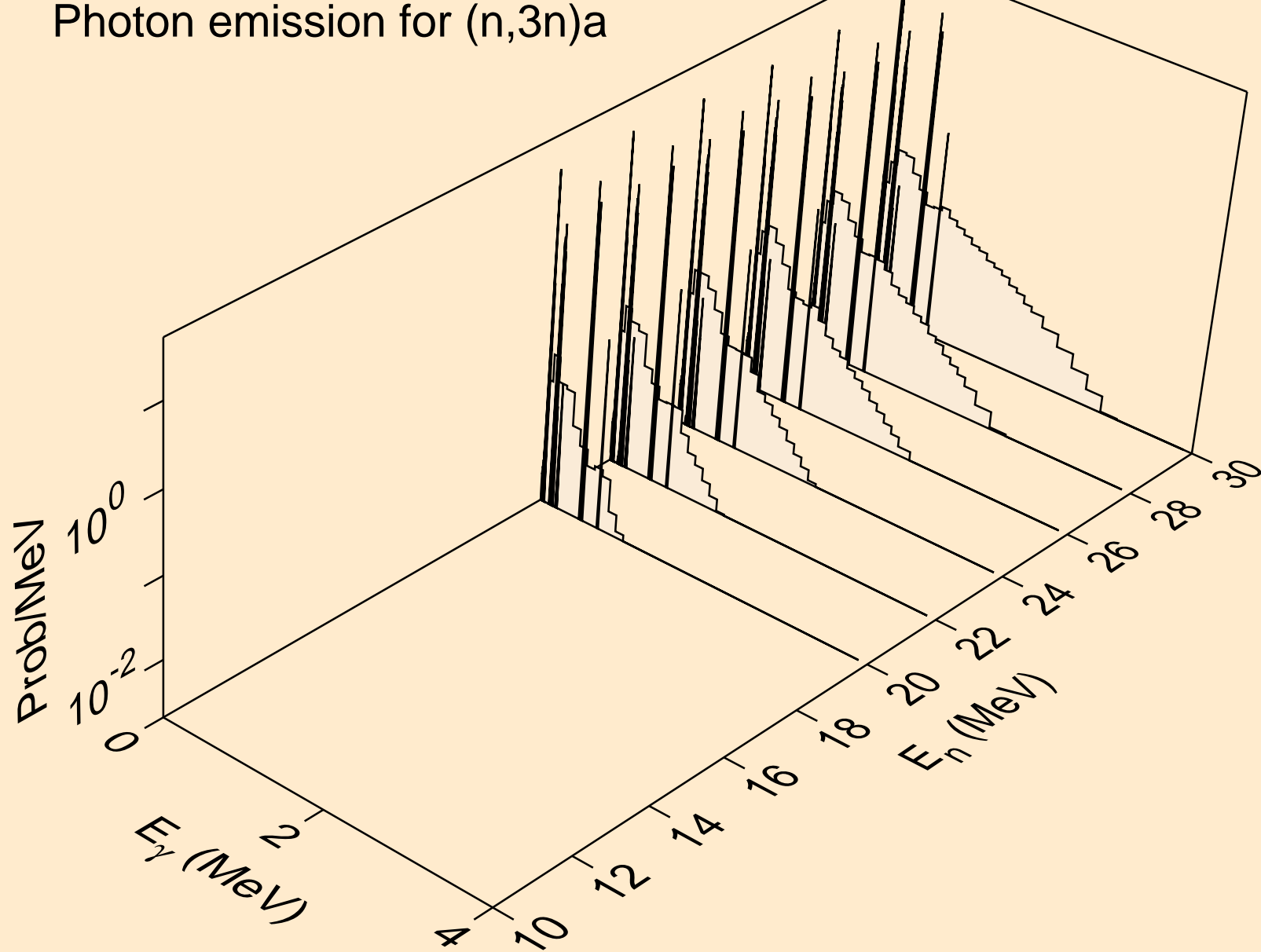
ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



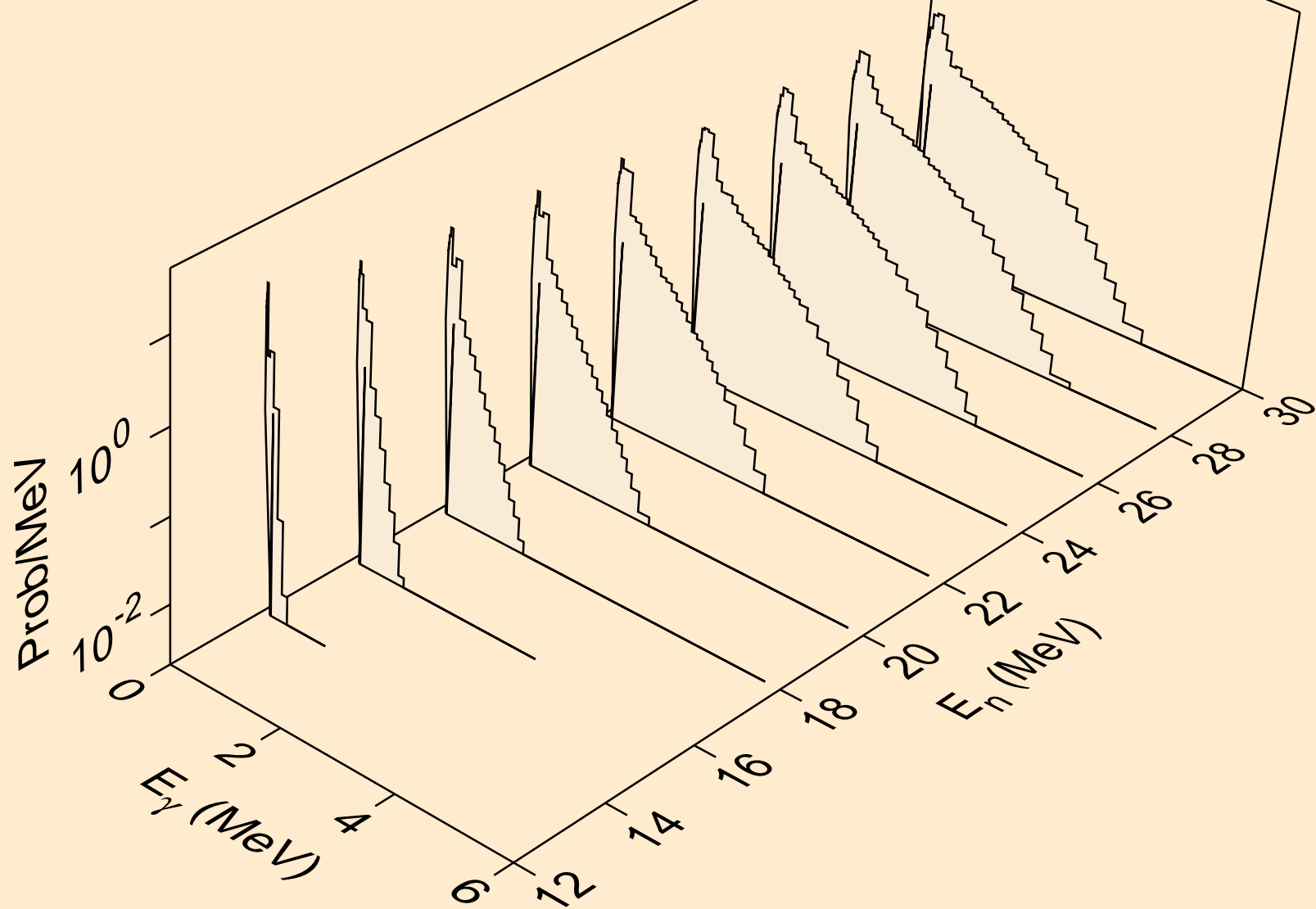
ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



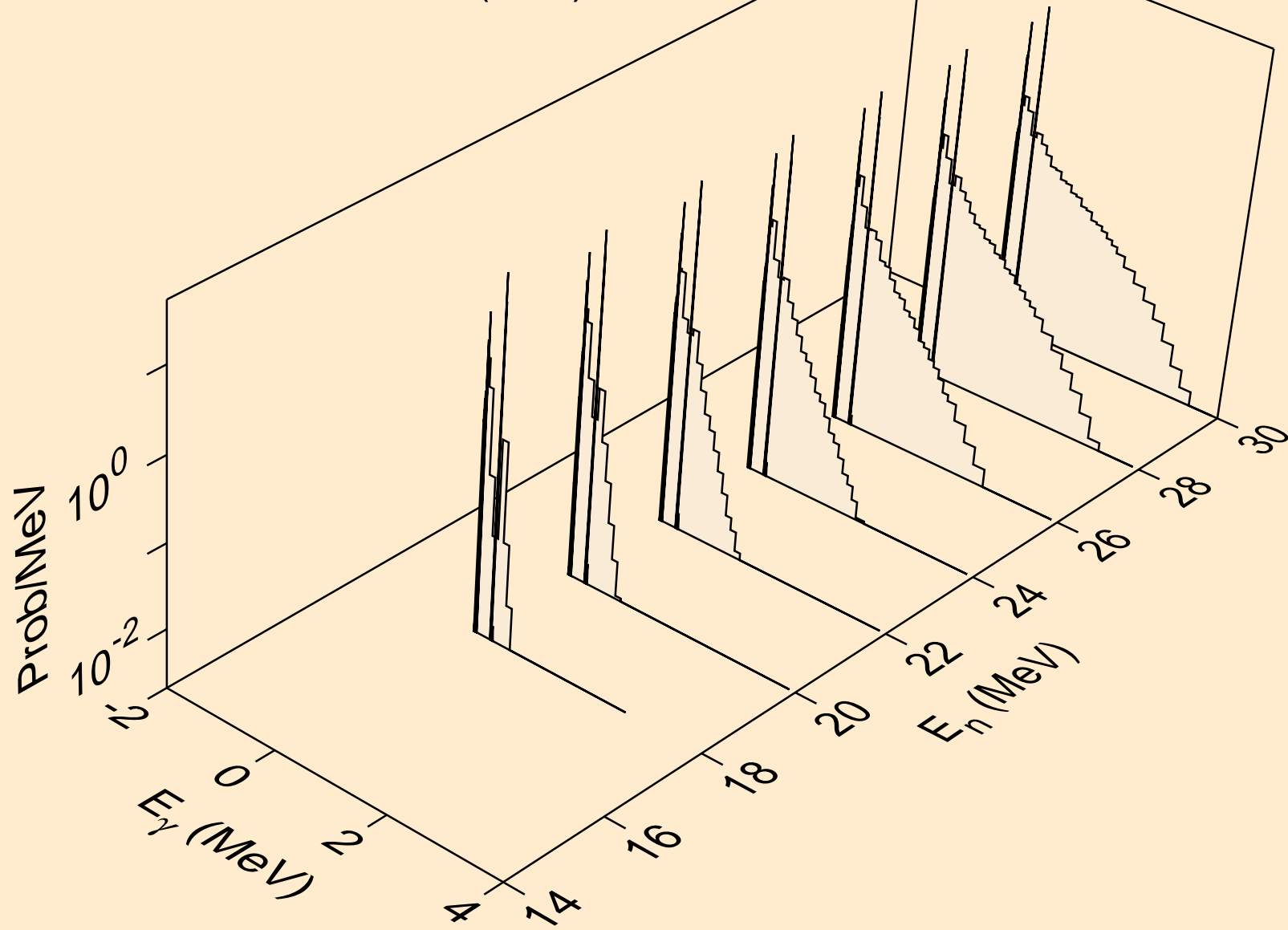
ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a



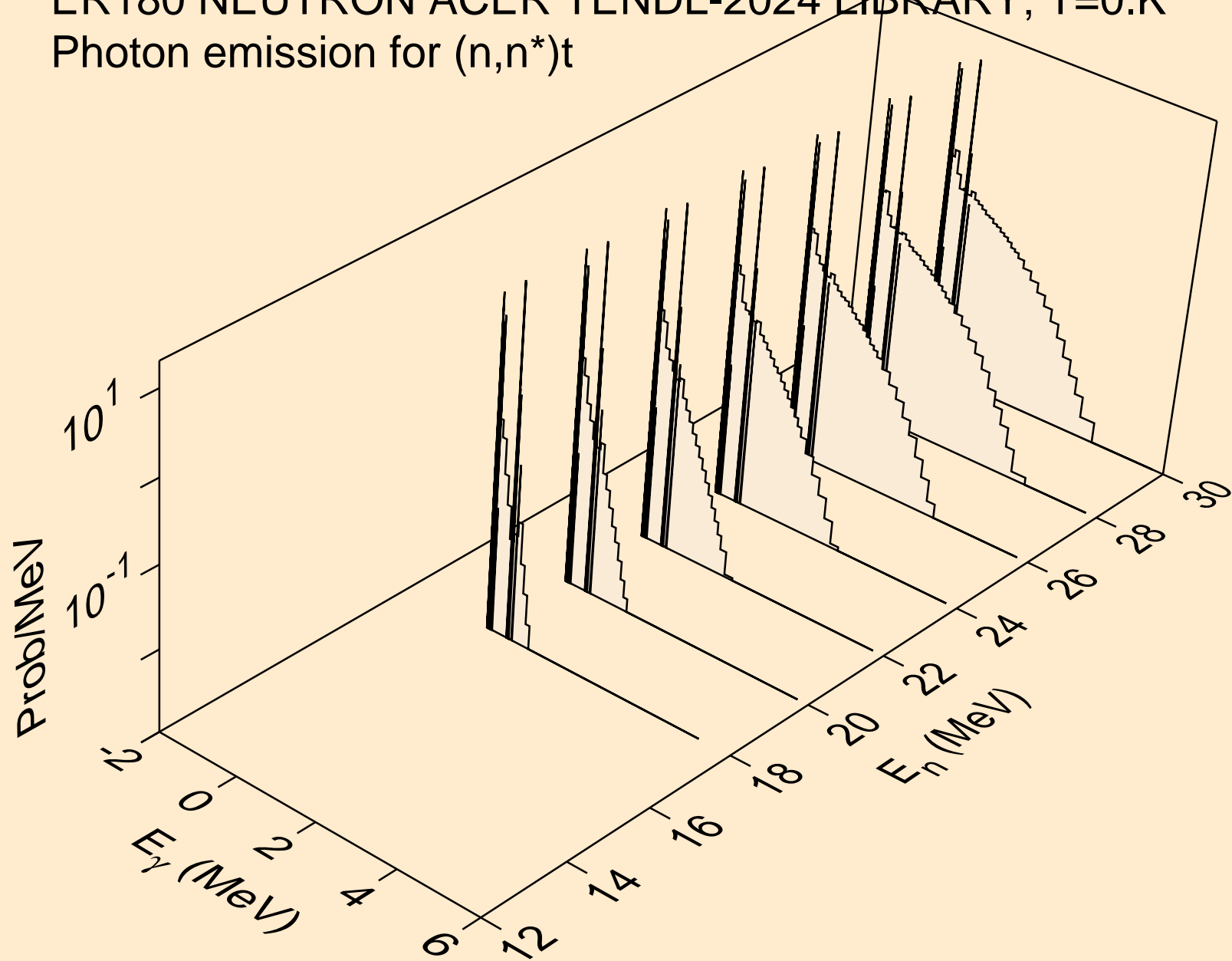
ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

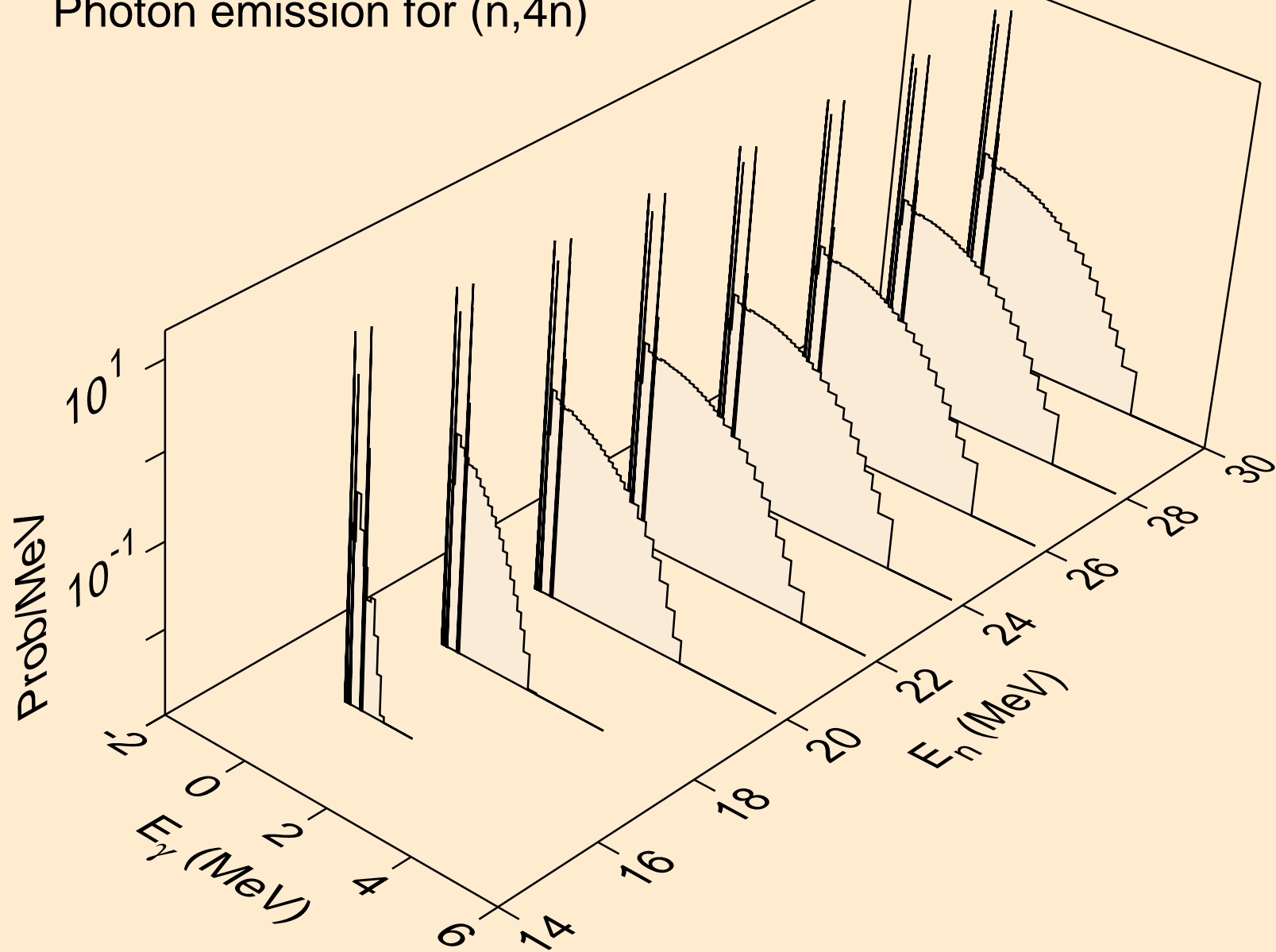


ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

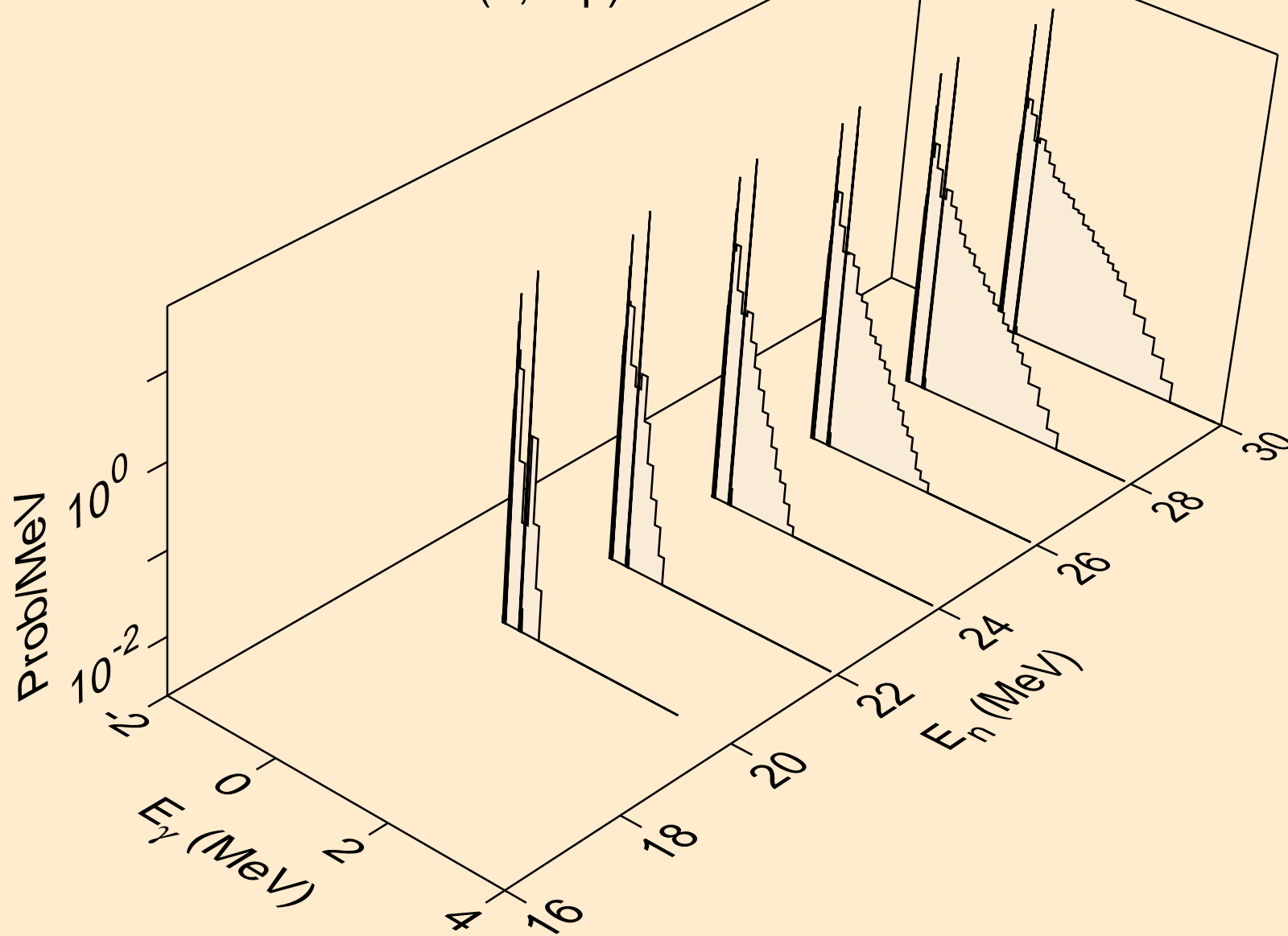




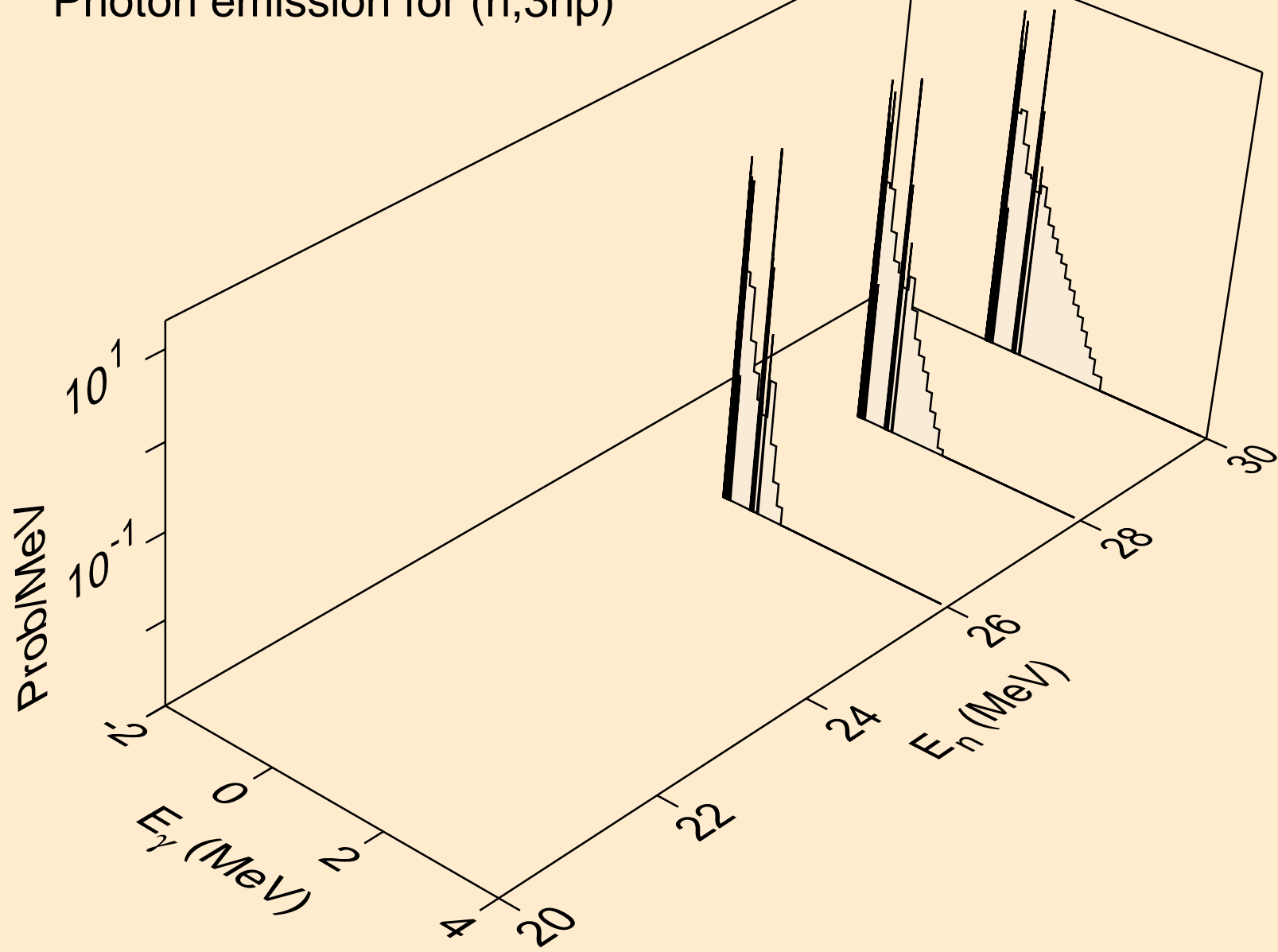
ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



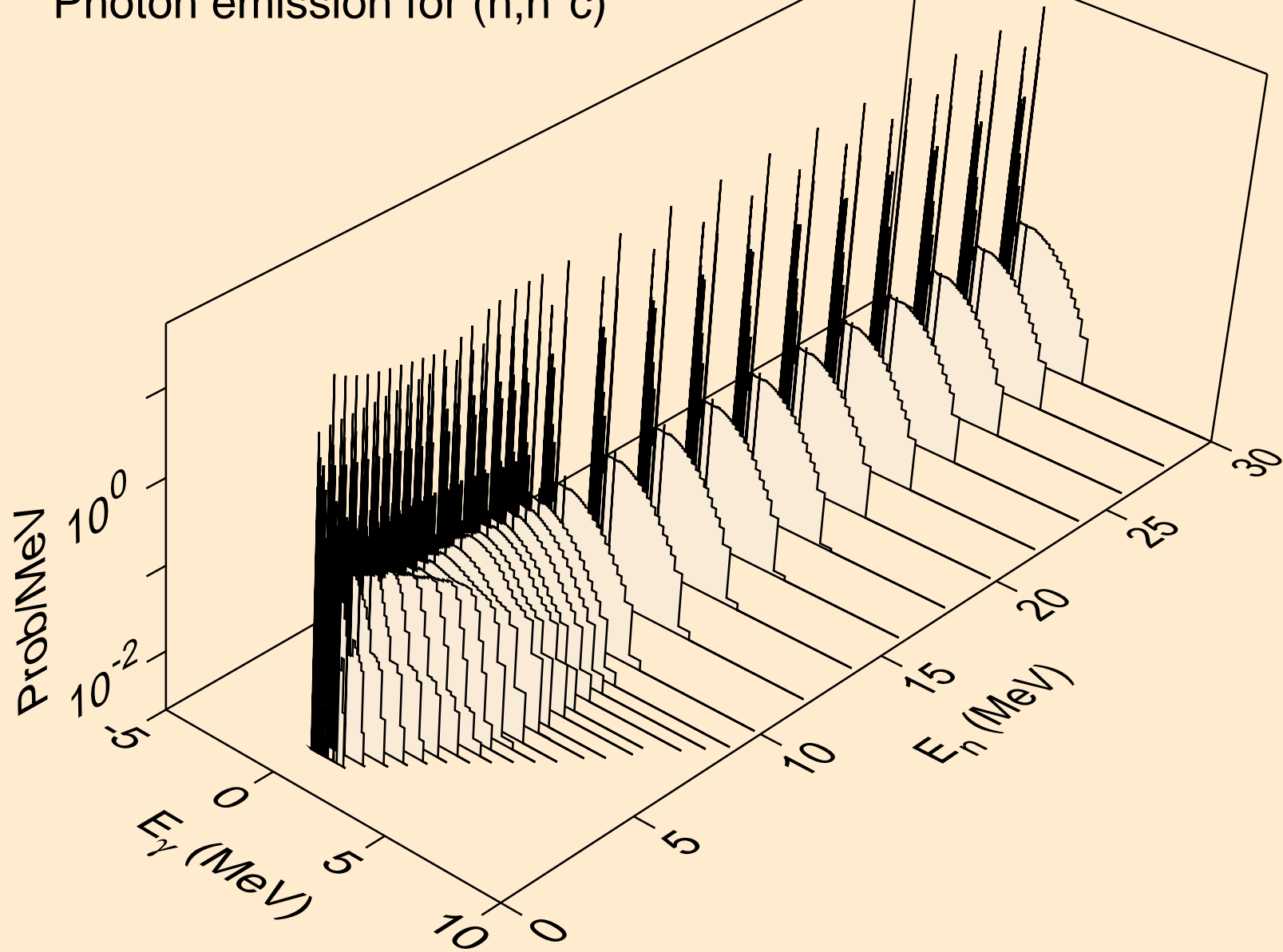
ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



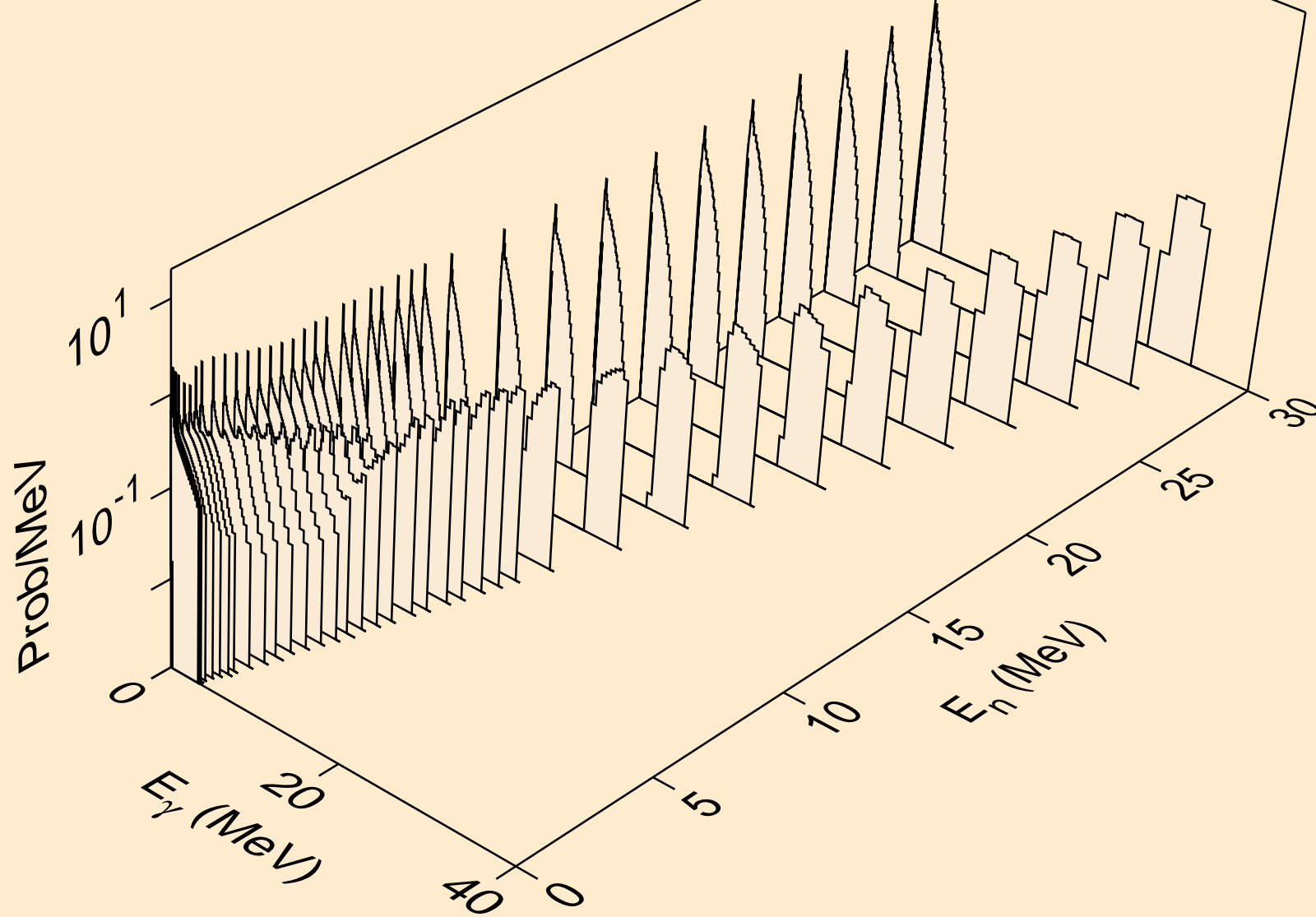
ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



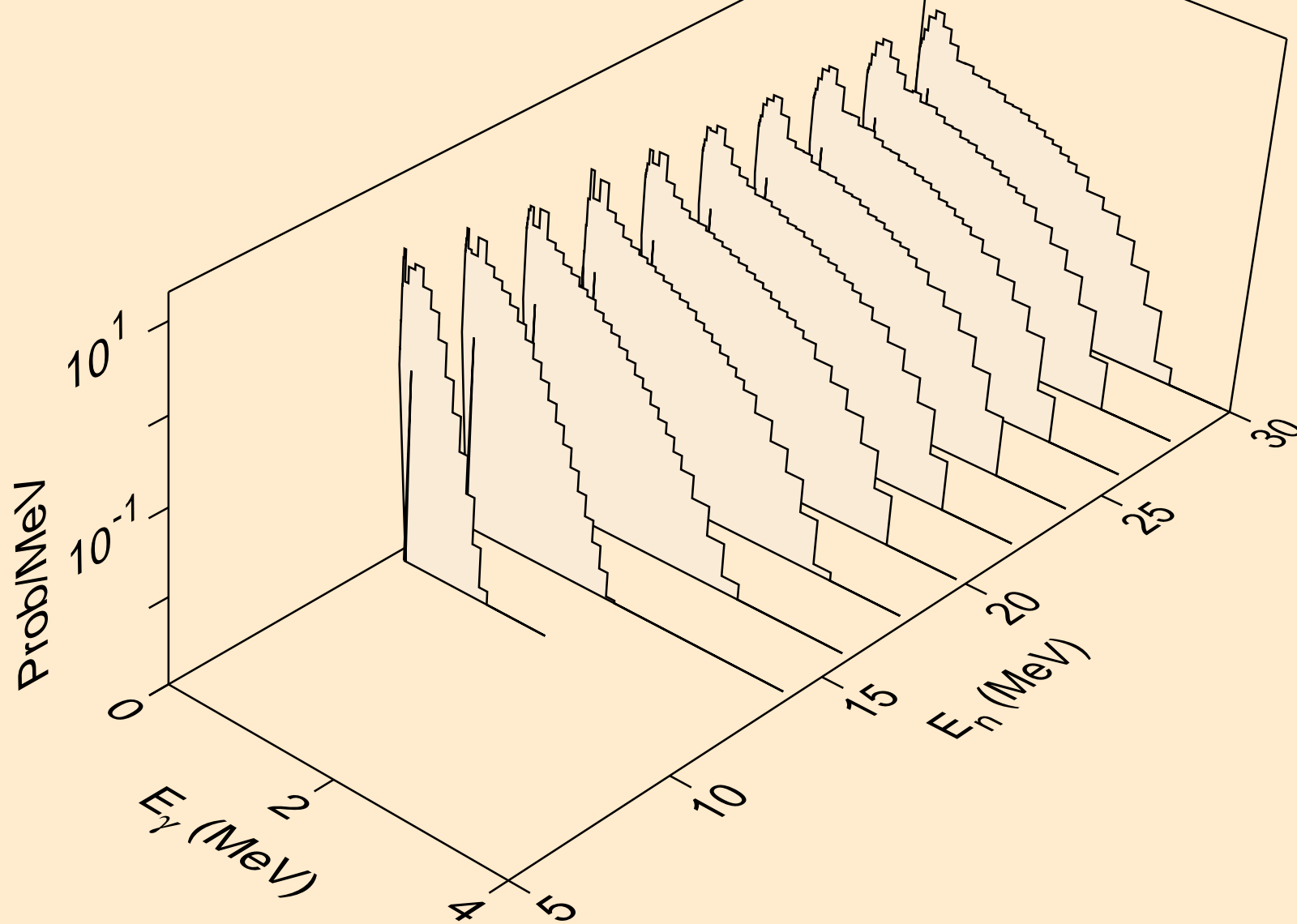
ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



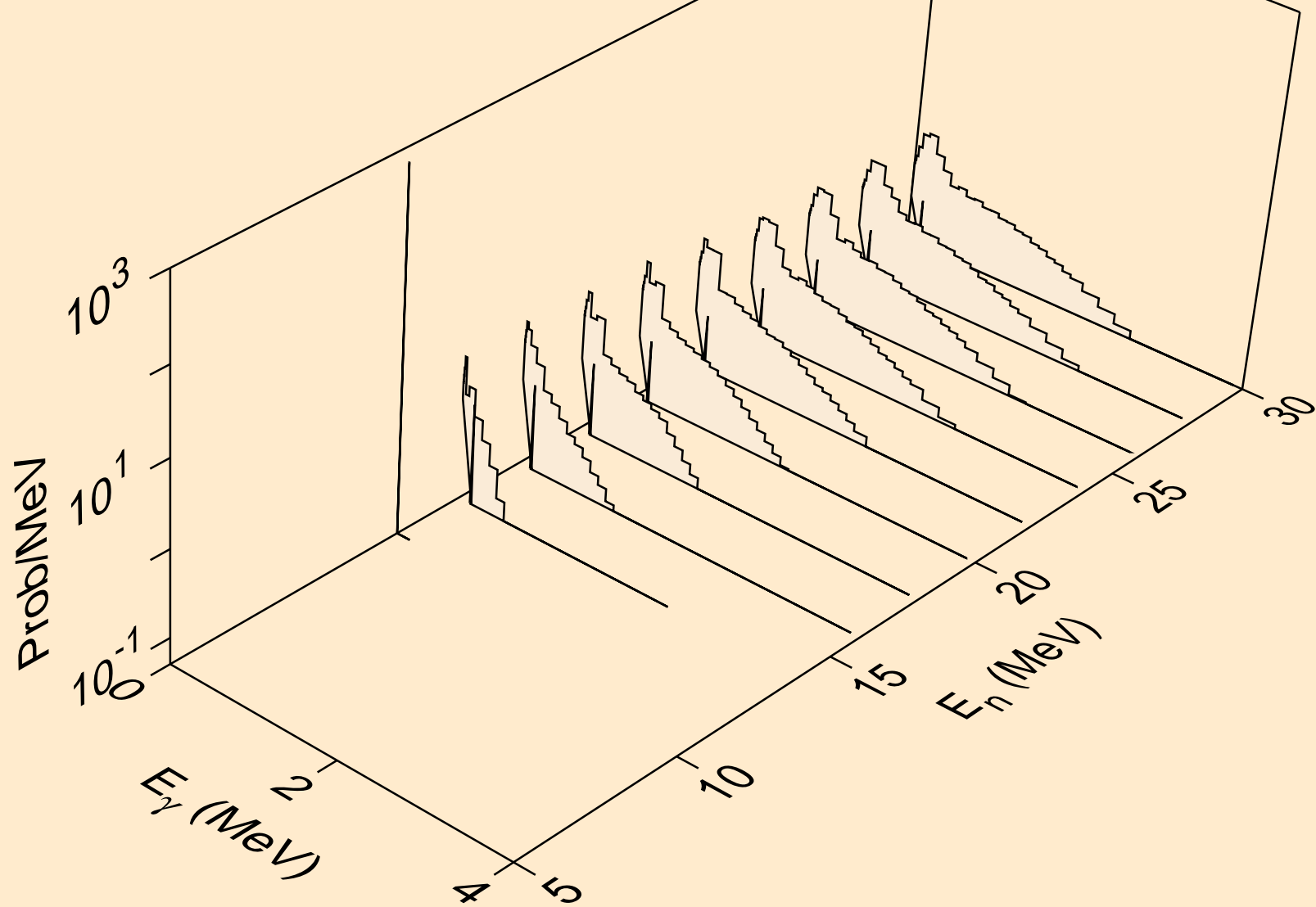
ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



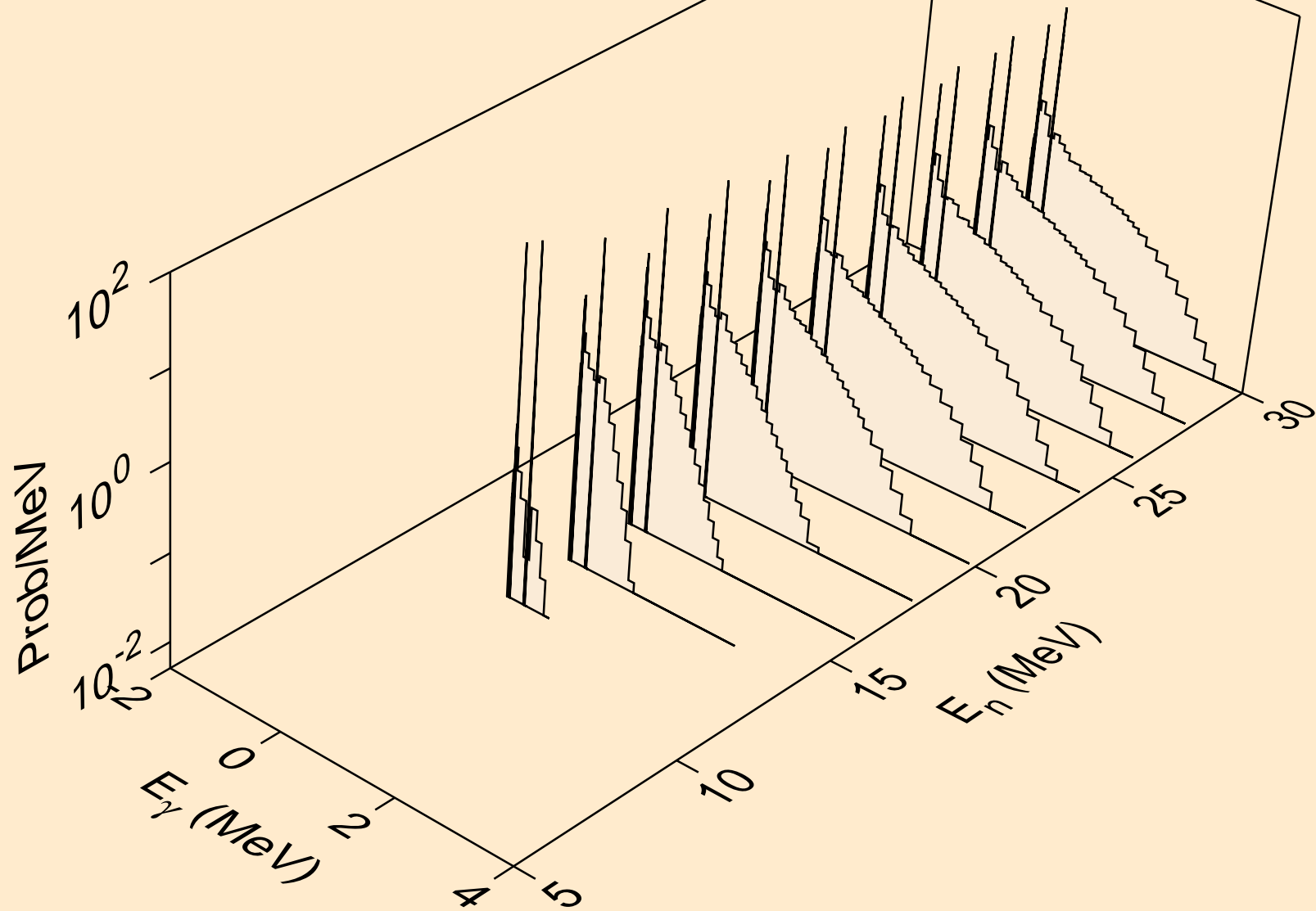
ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)

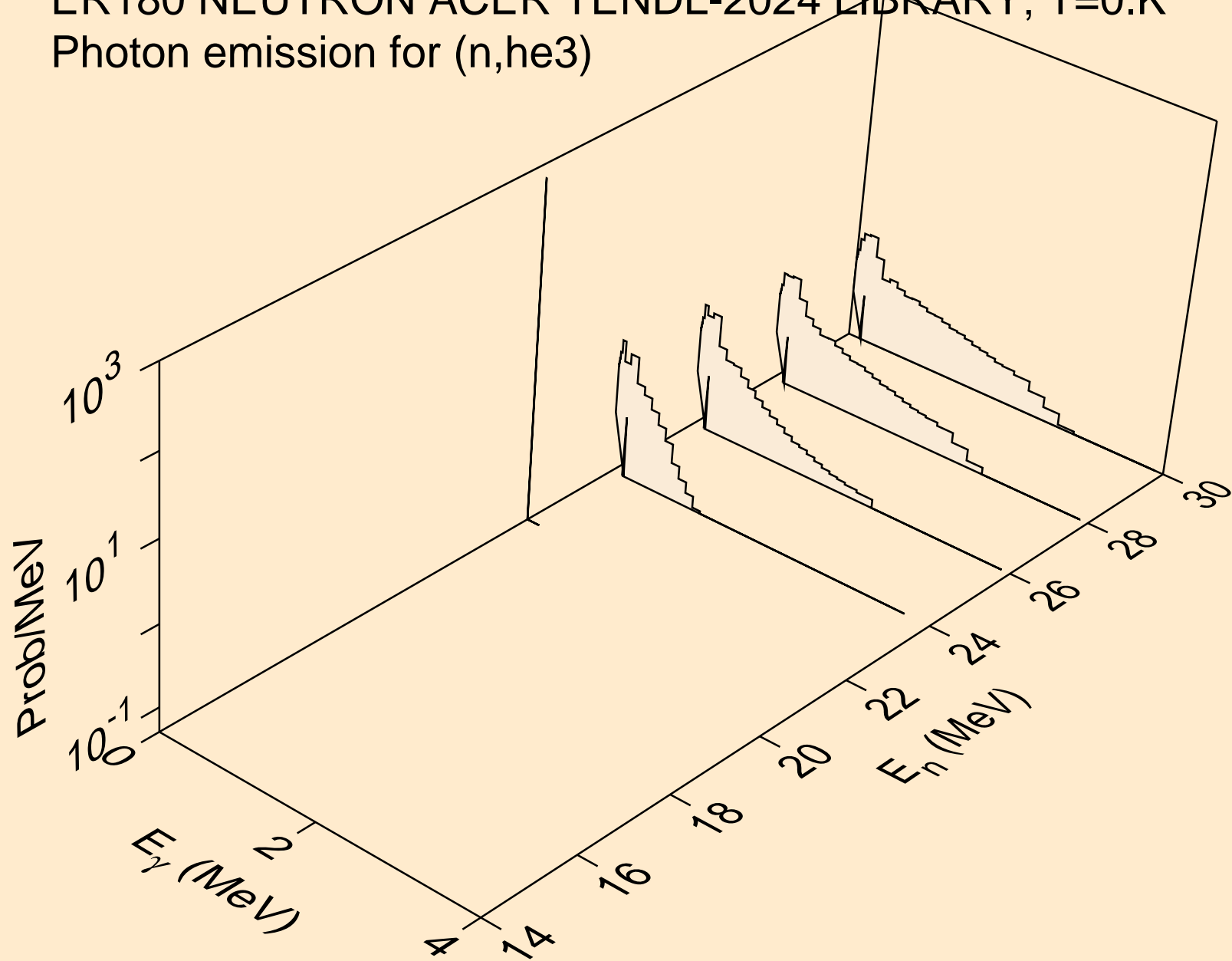


ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)

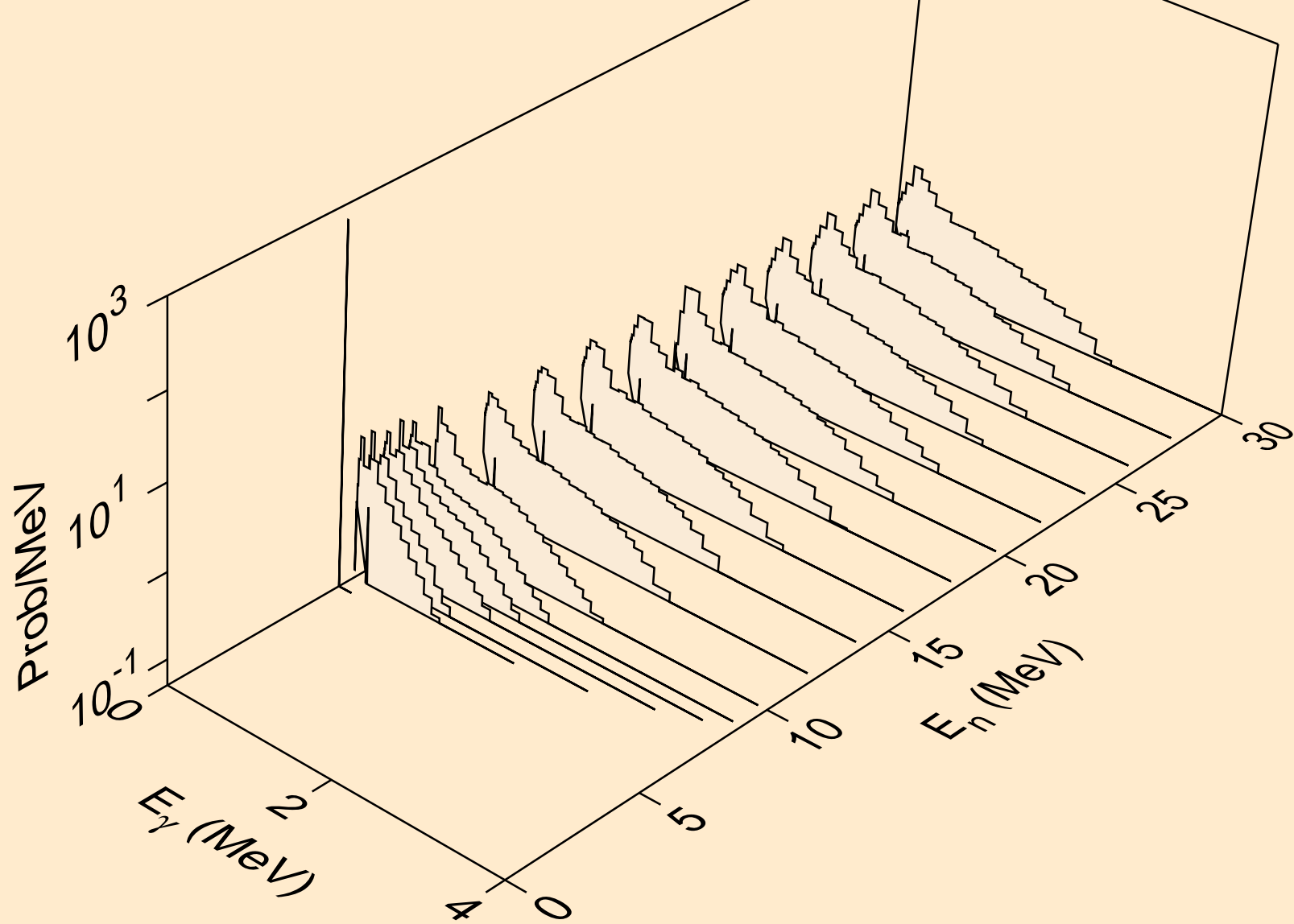




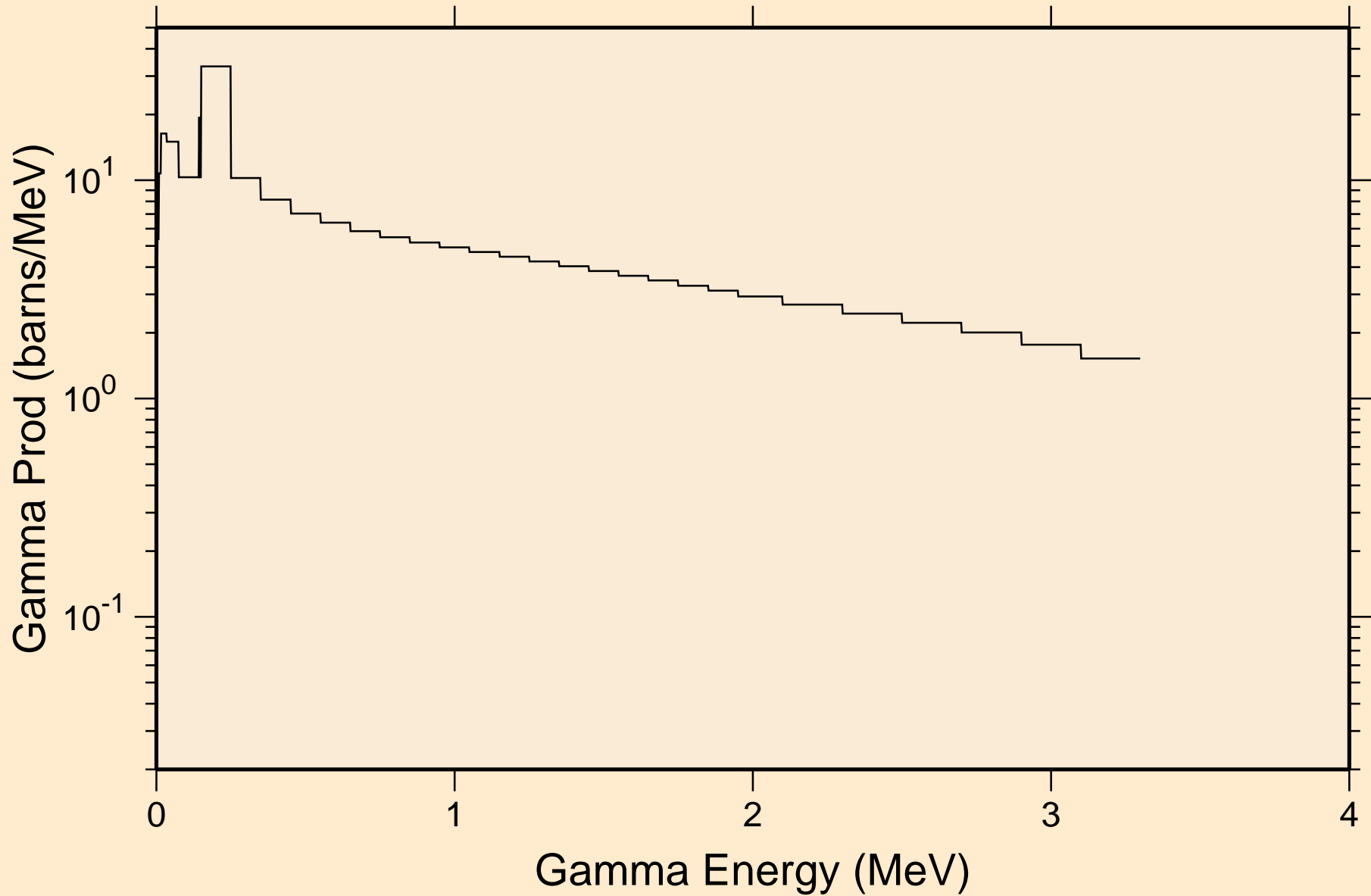
ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



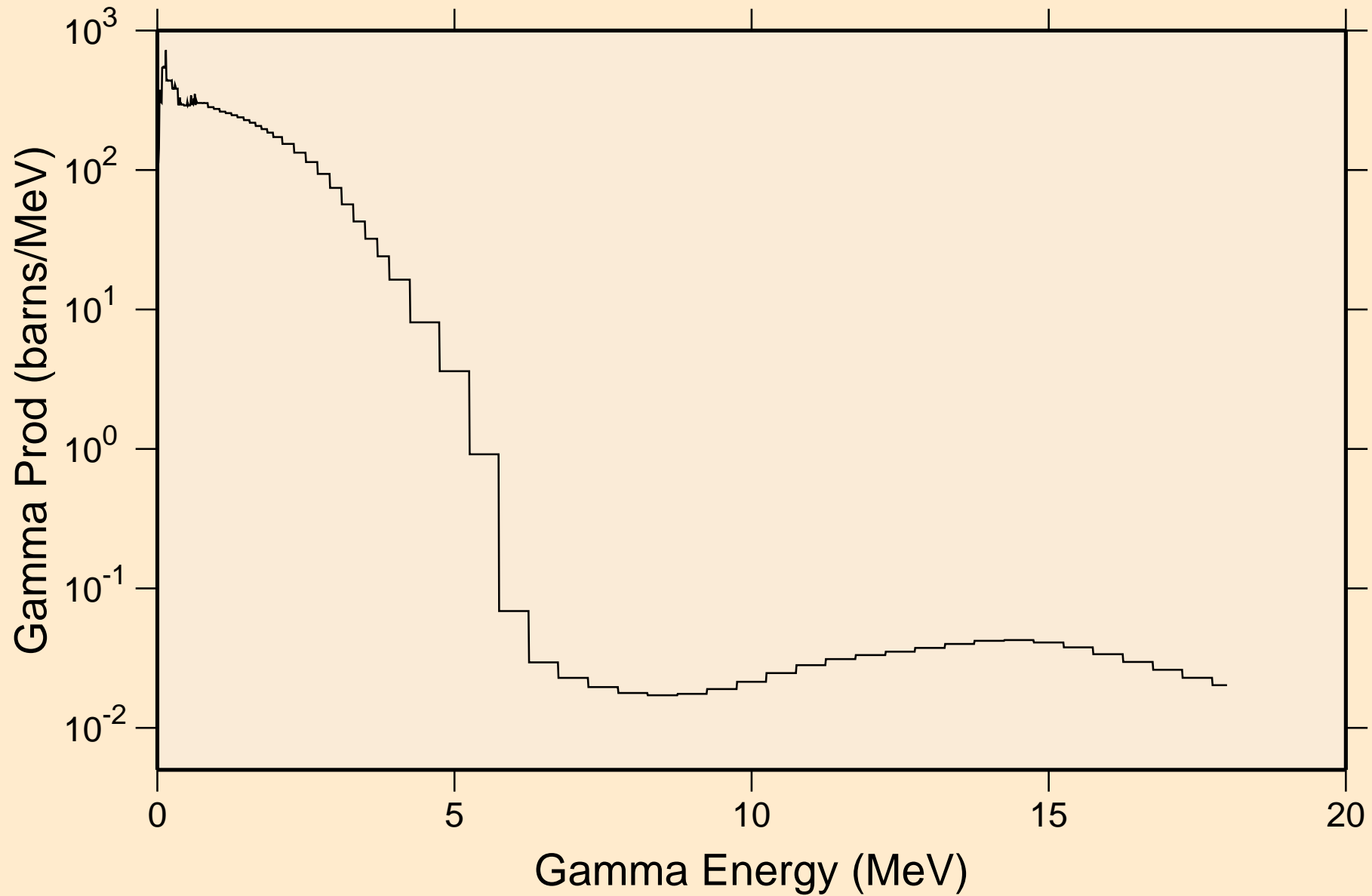
ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

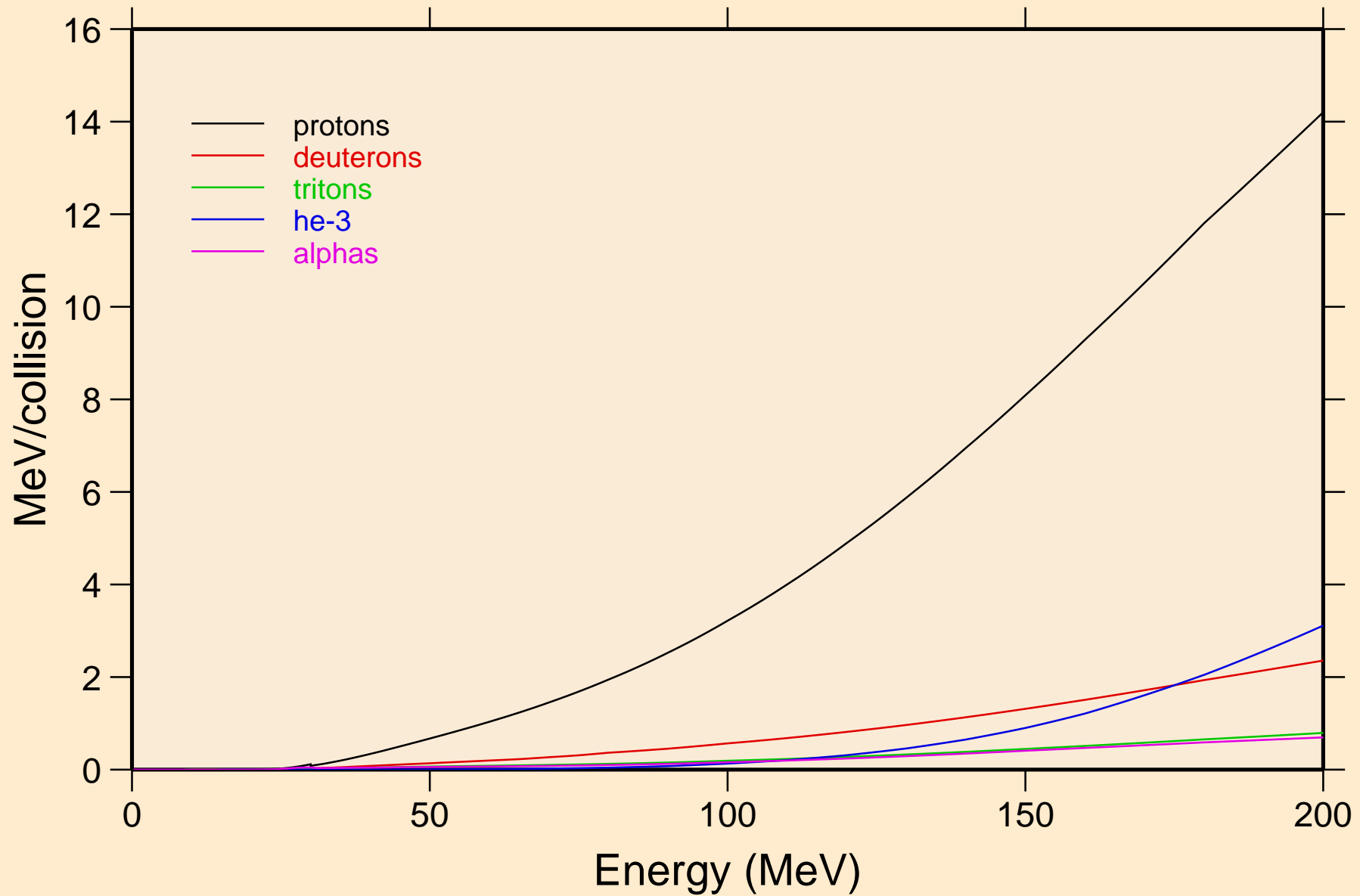


ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

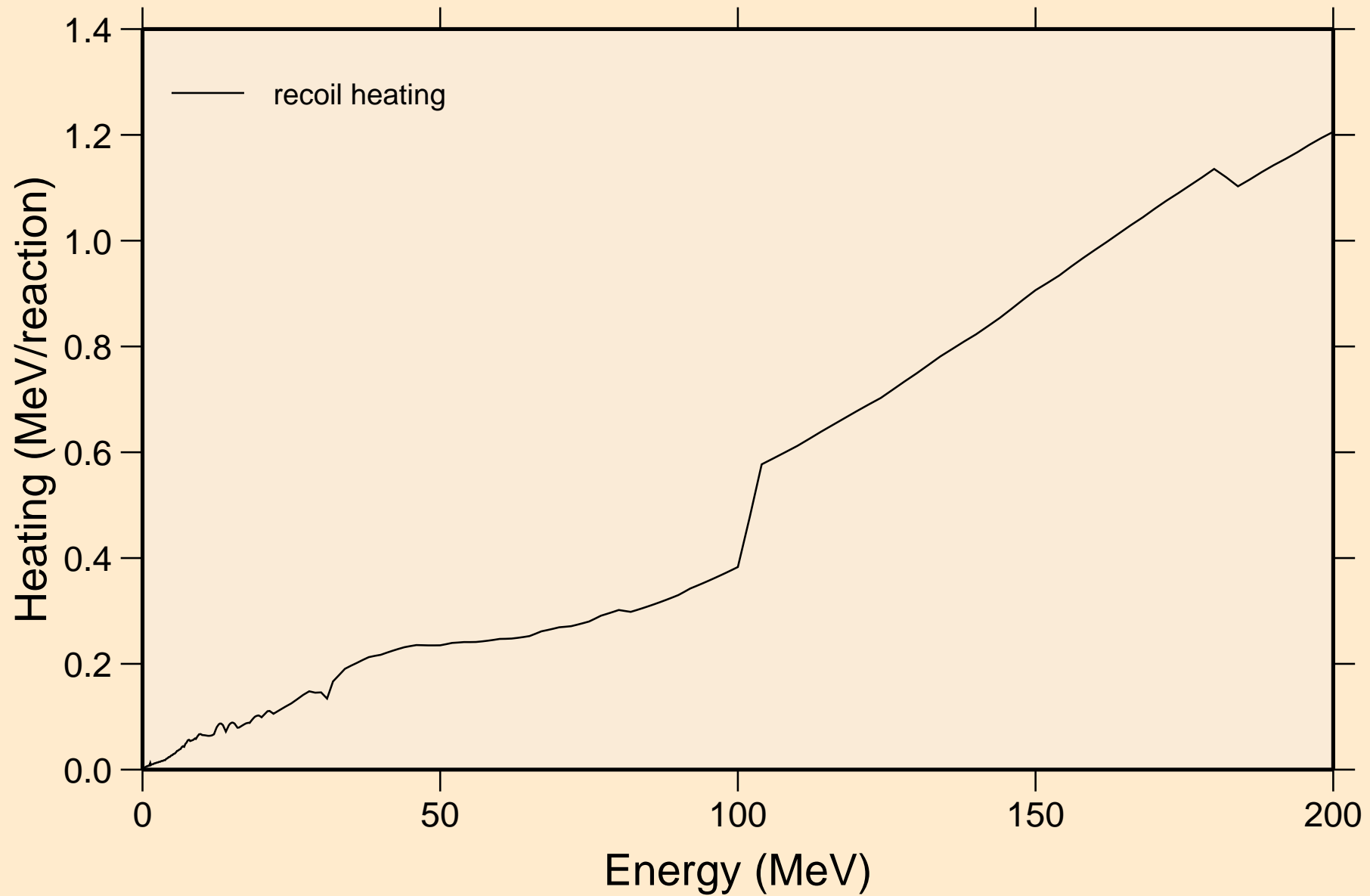


# ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

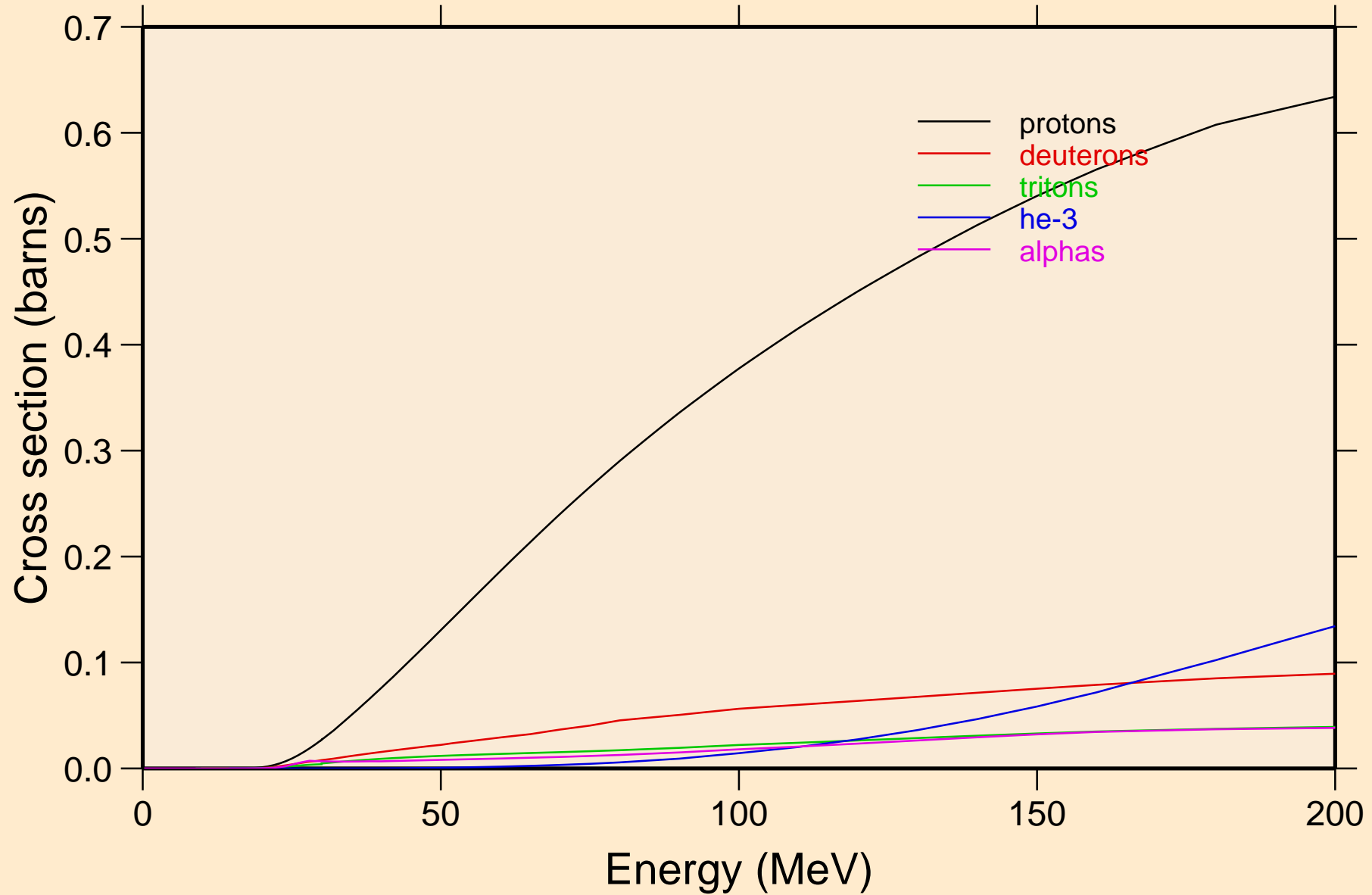
## Particle heating contributions



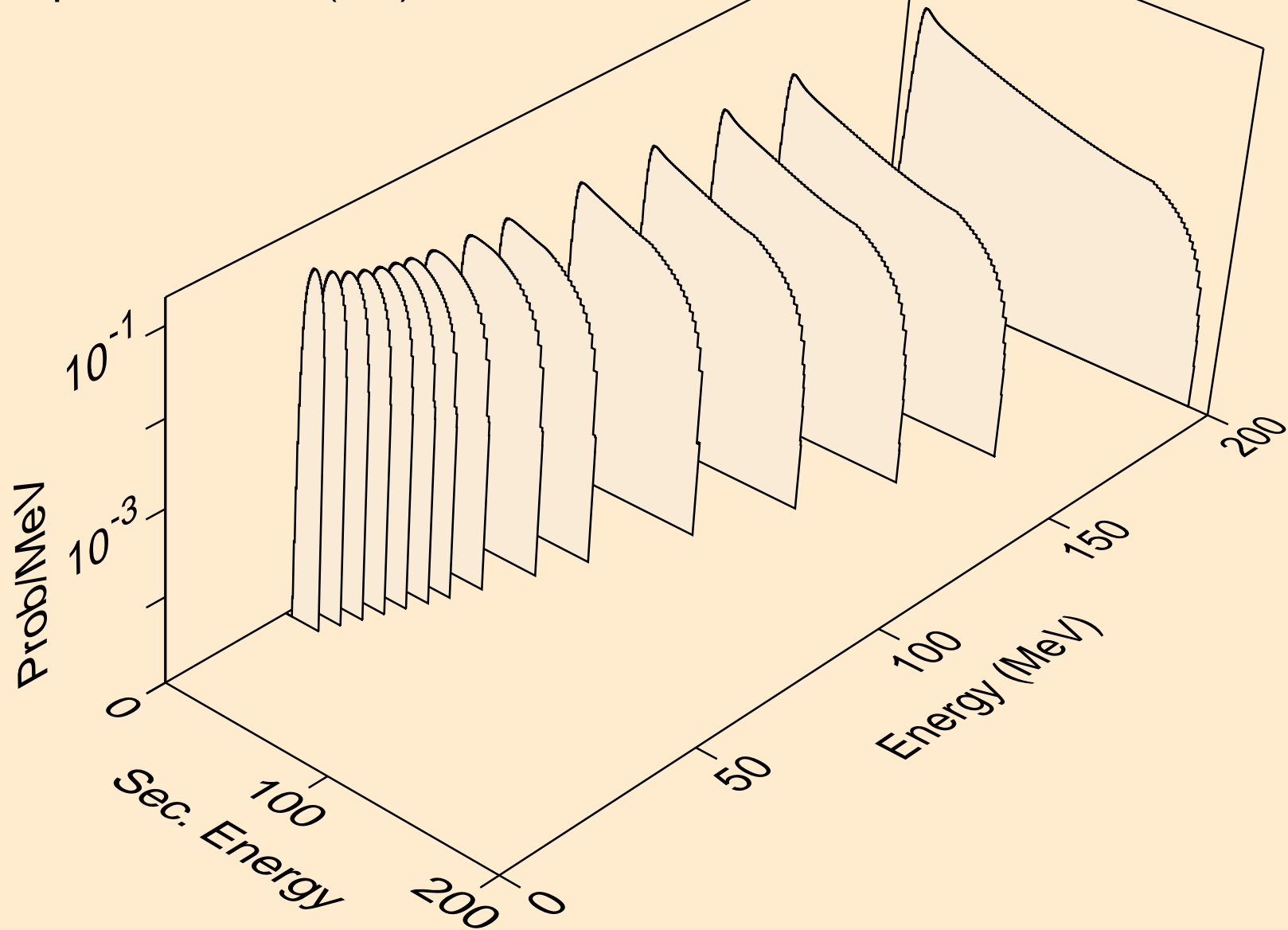
ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating



ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections

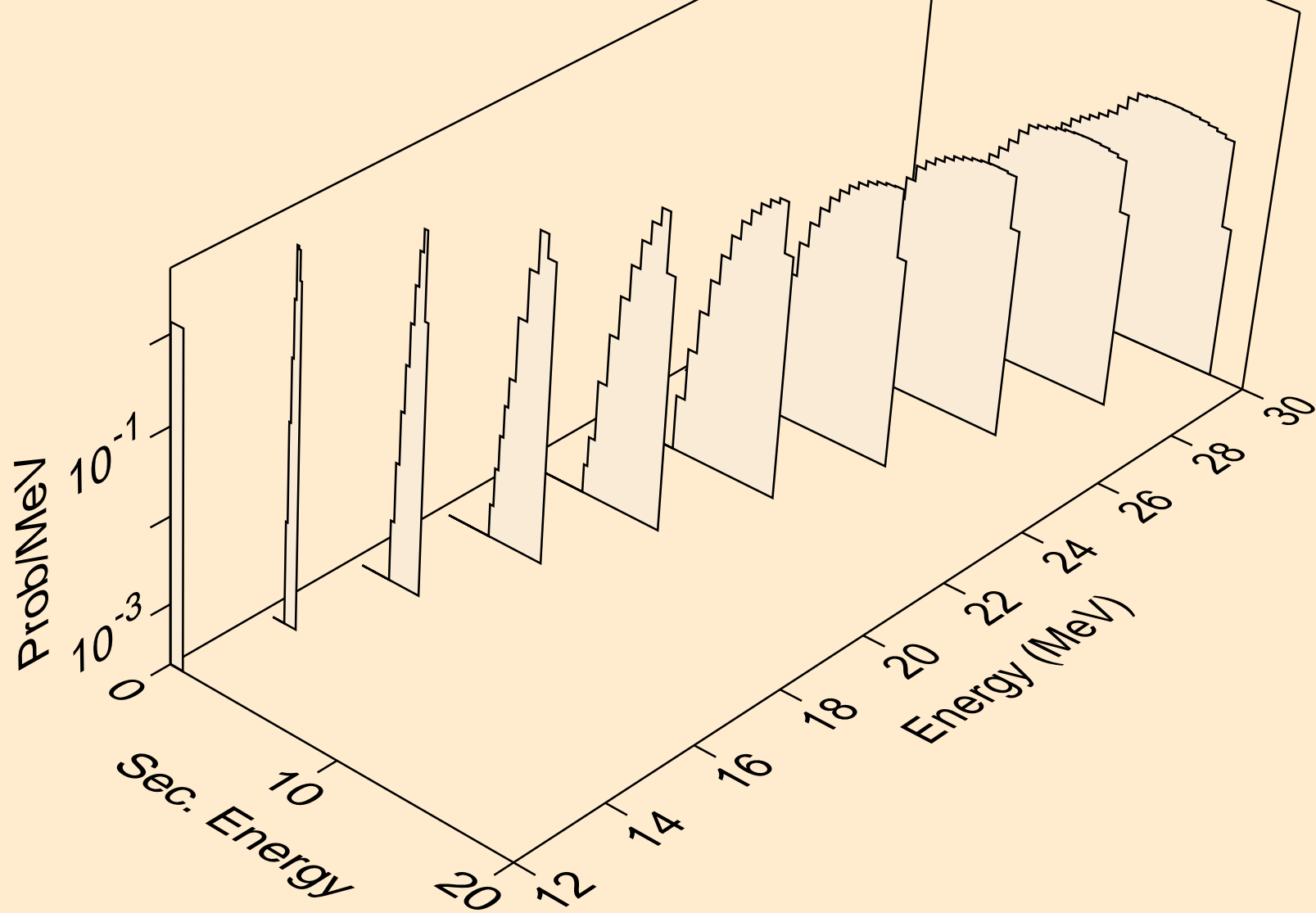


ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)

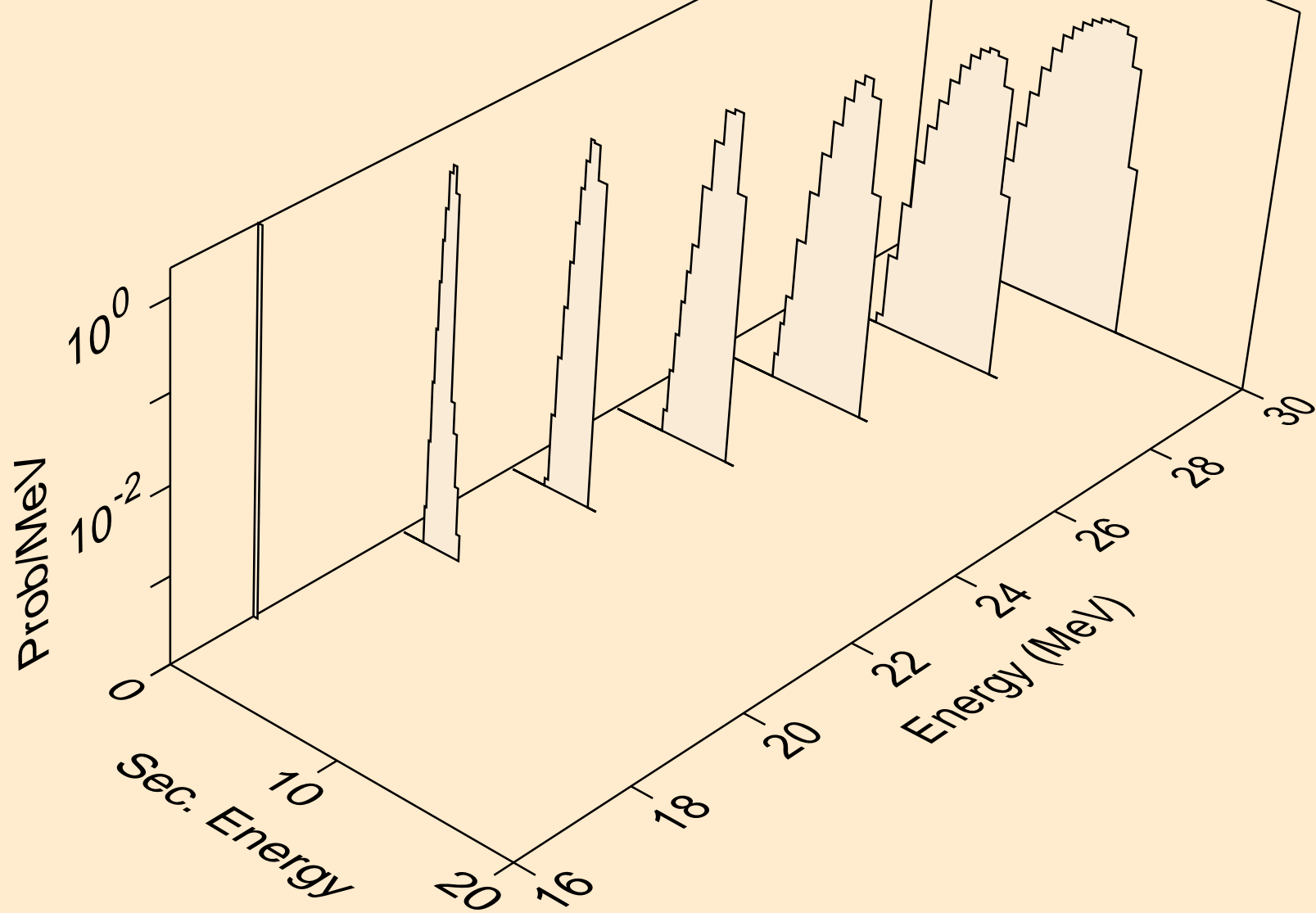




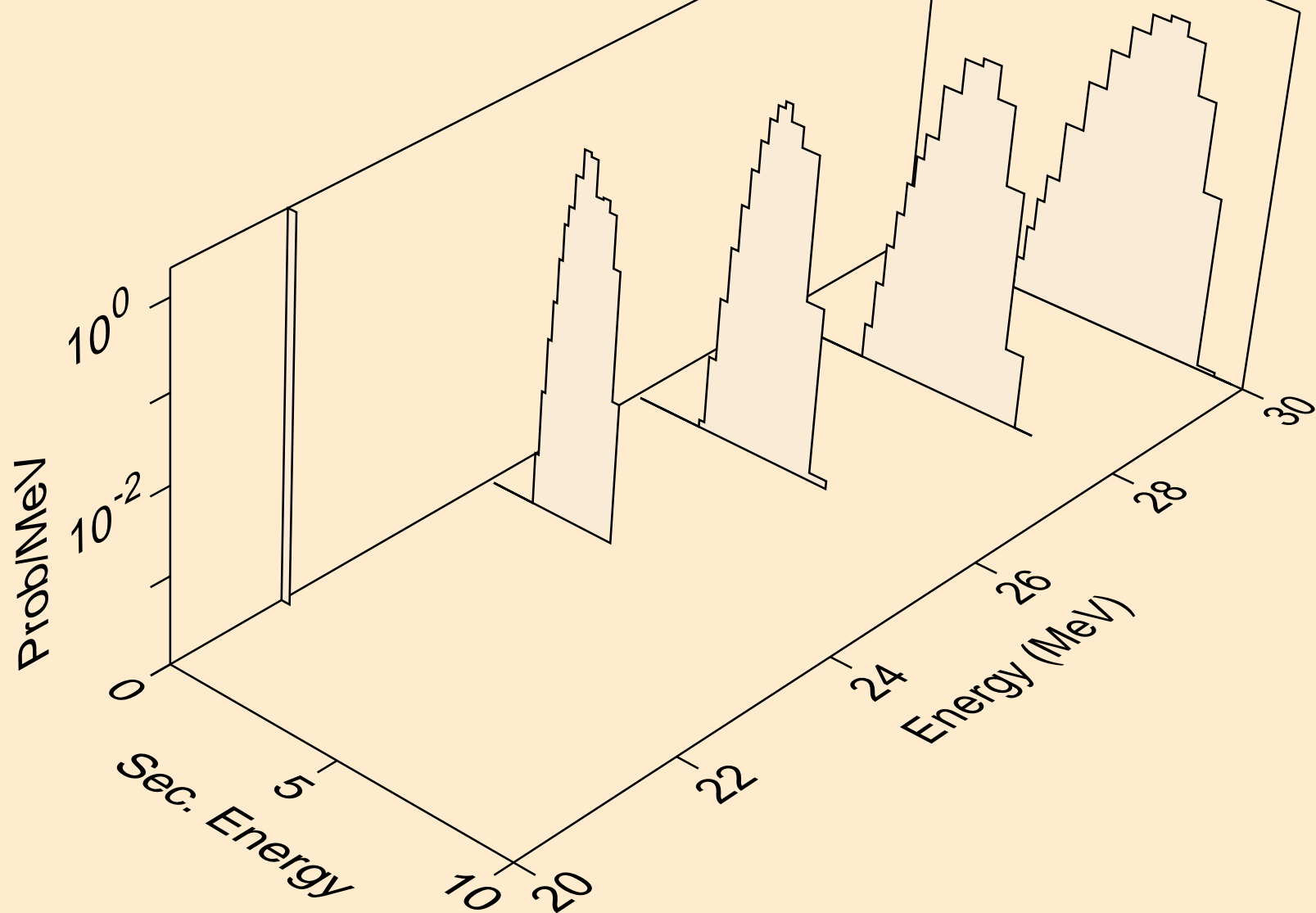
ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



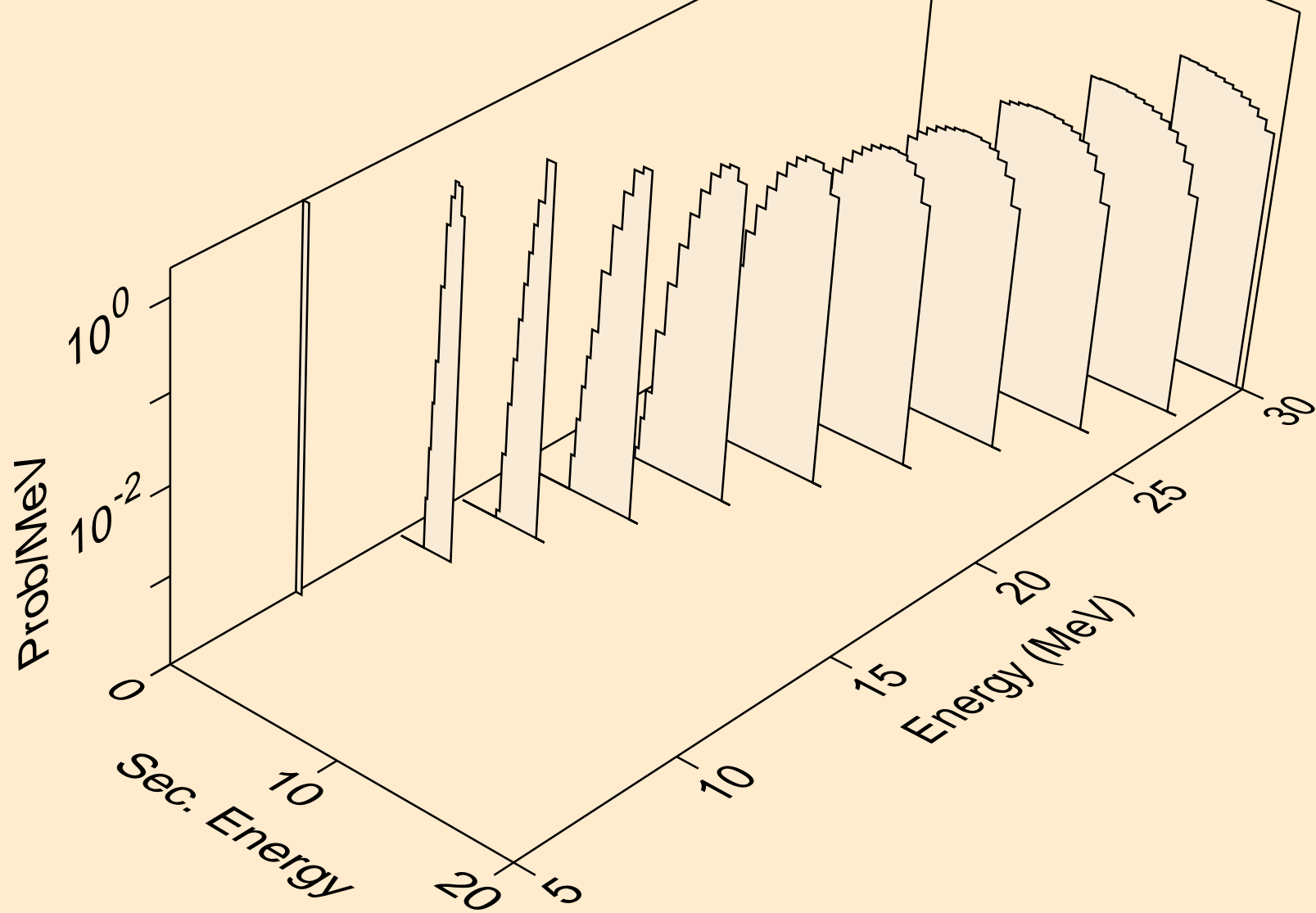
ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)



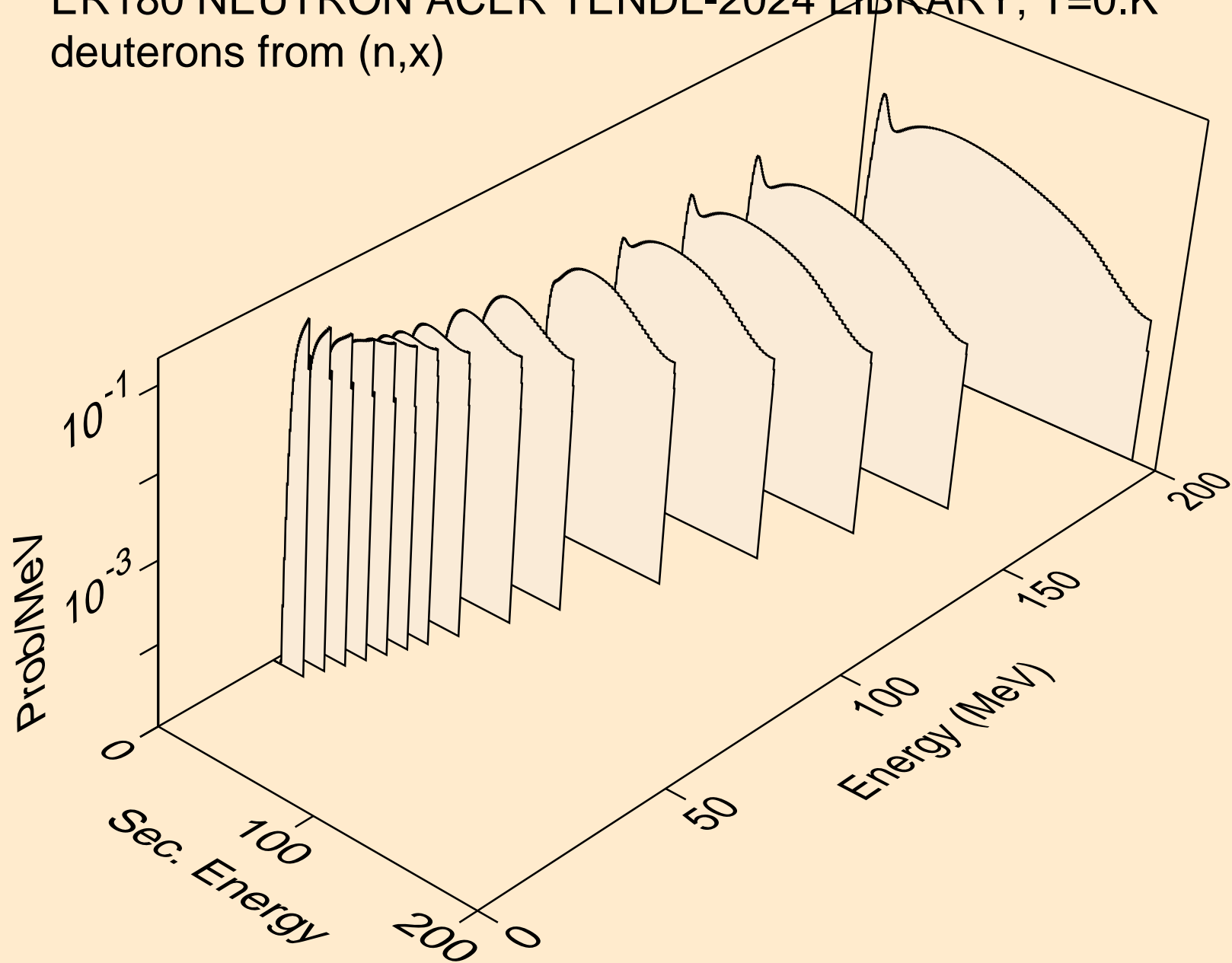
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protons from (n,3np)



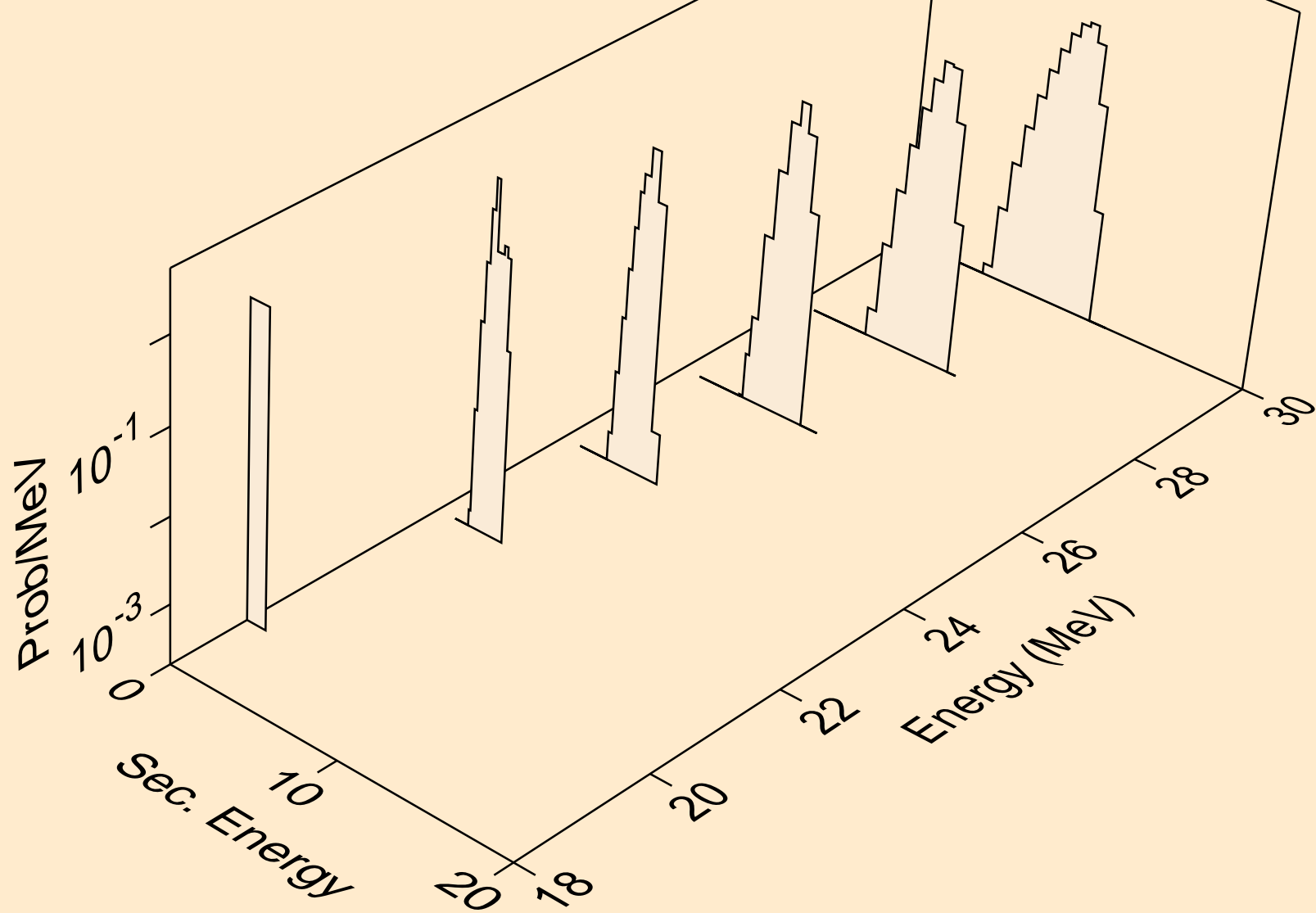
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protons from (n,p)



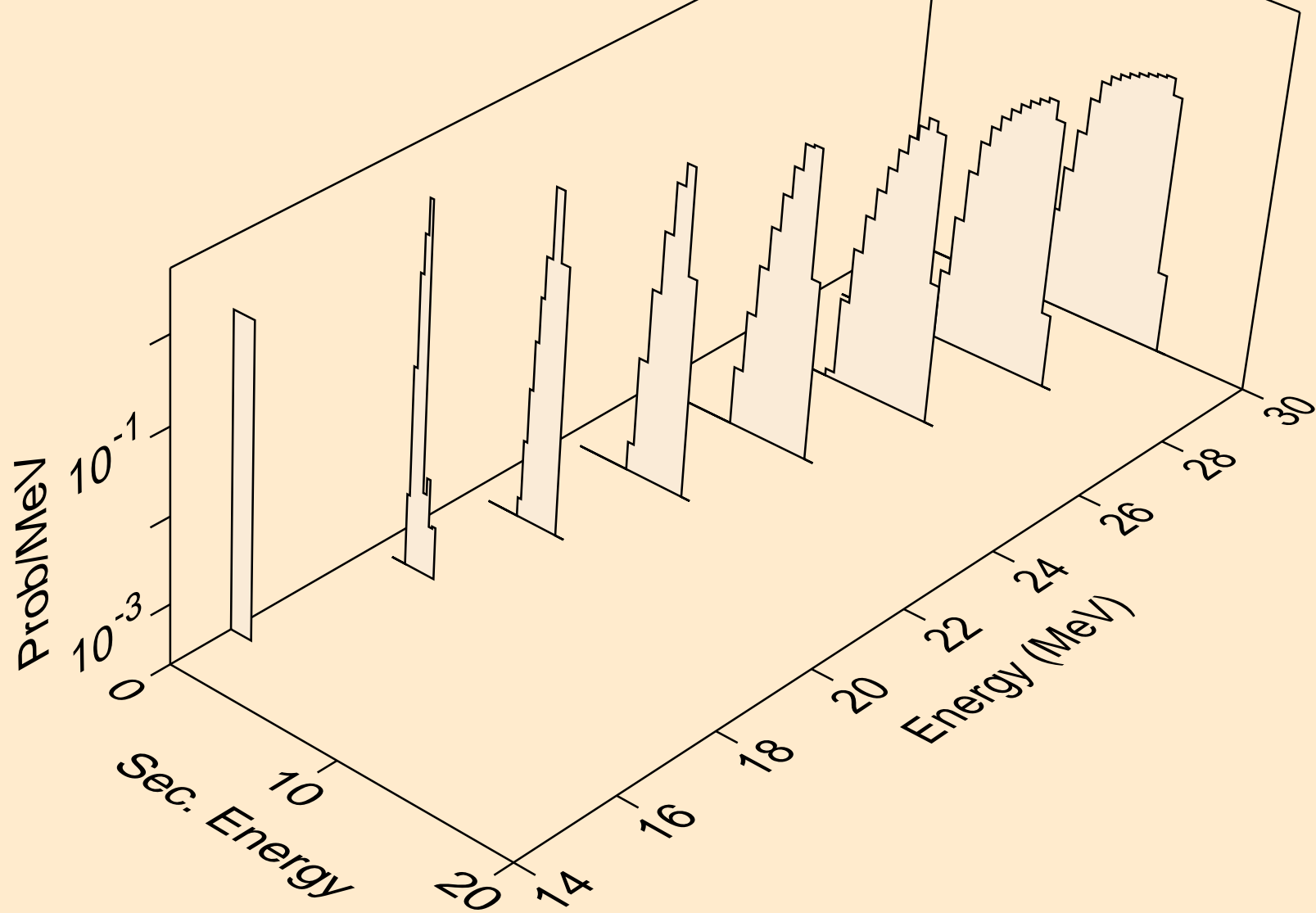
ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)



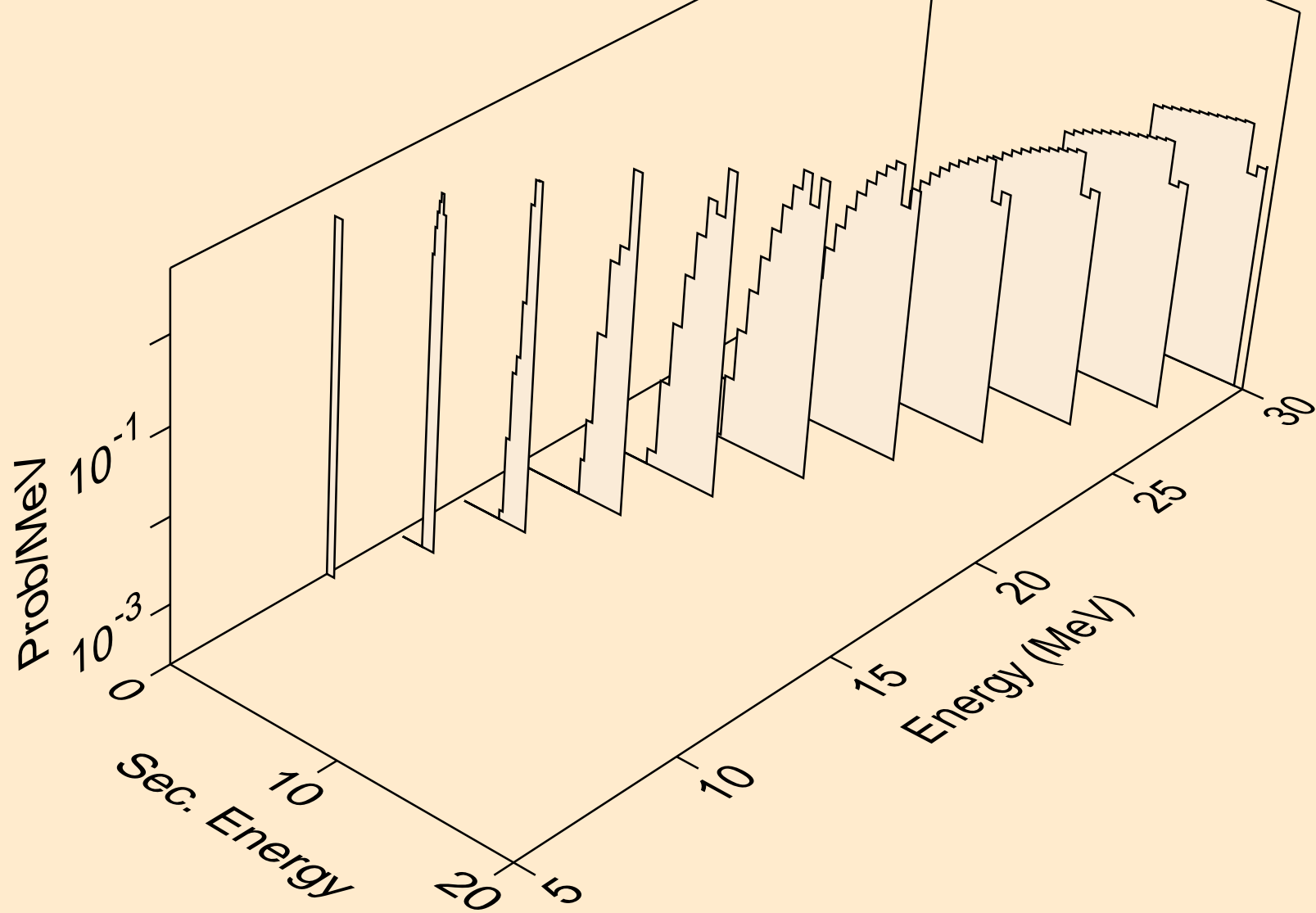
ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,2nd)



ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d

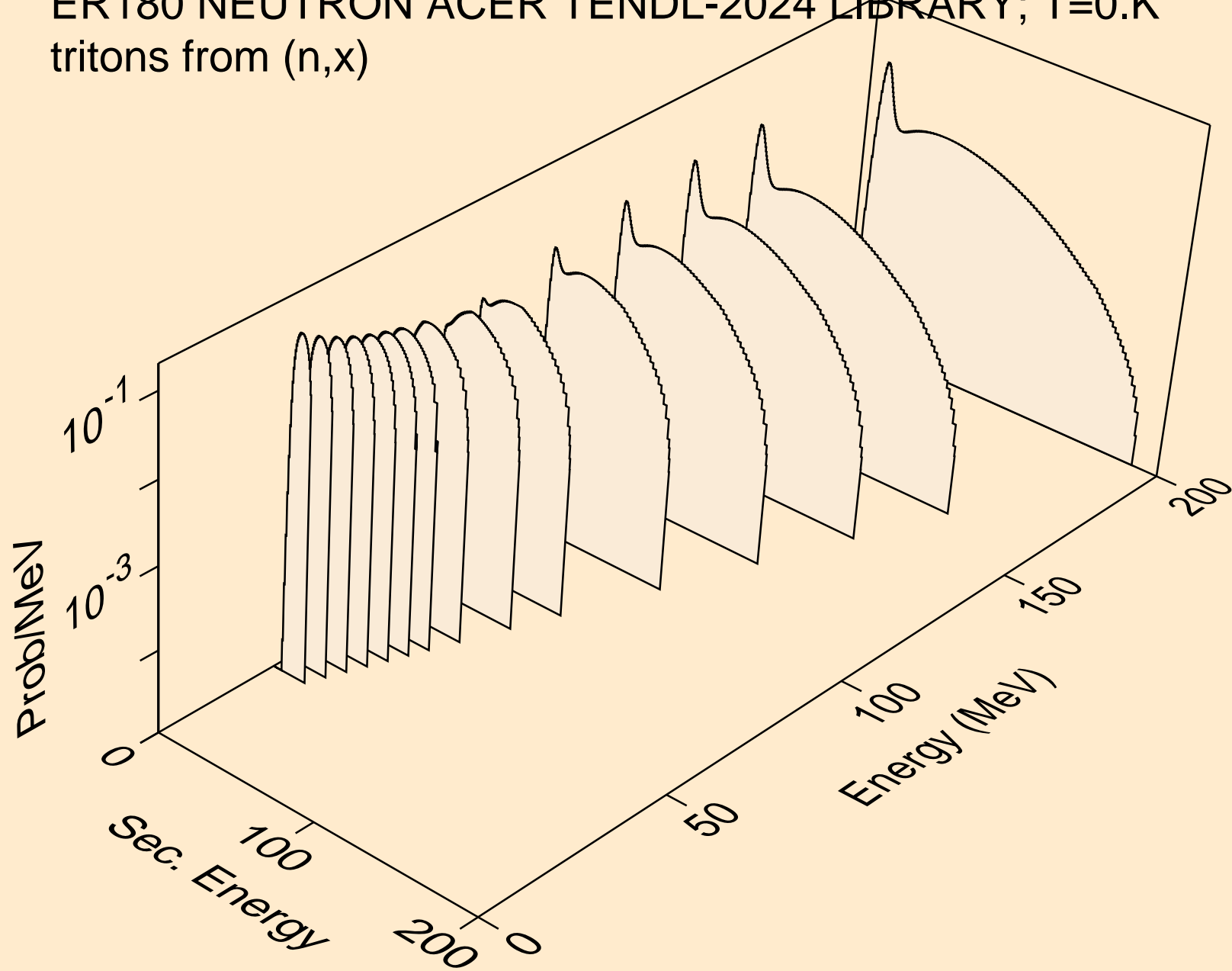


ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,d)

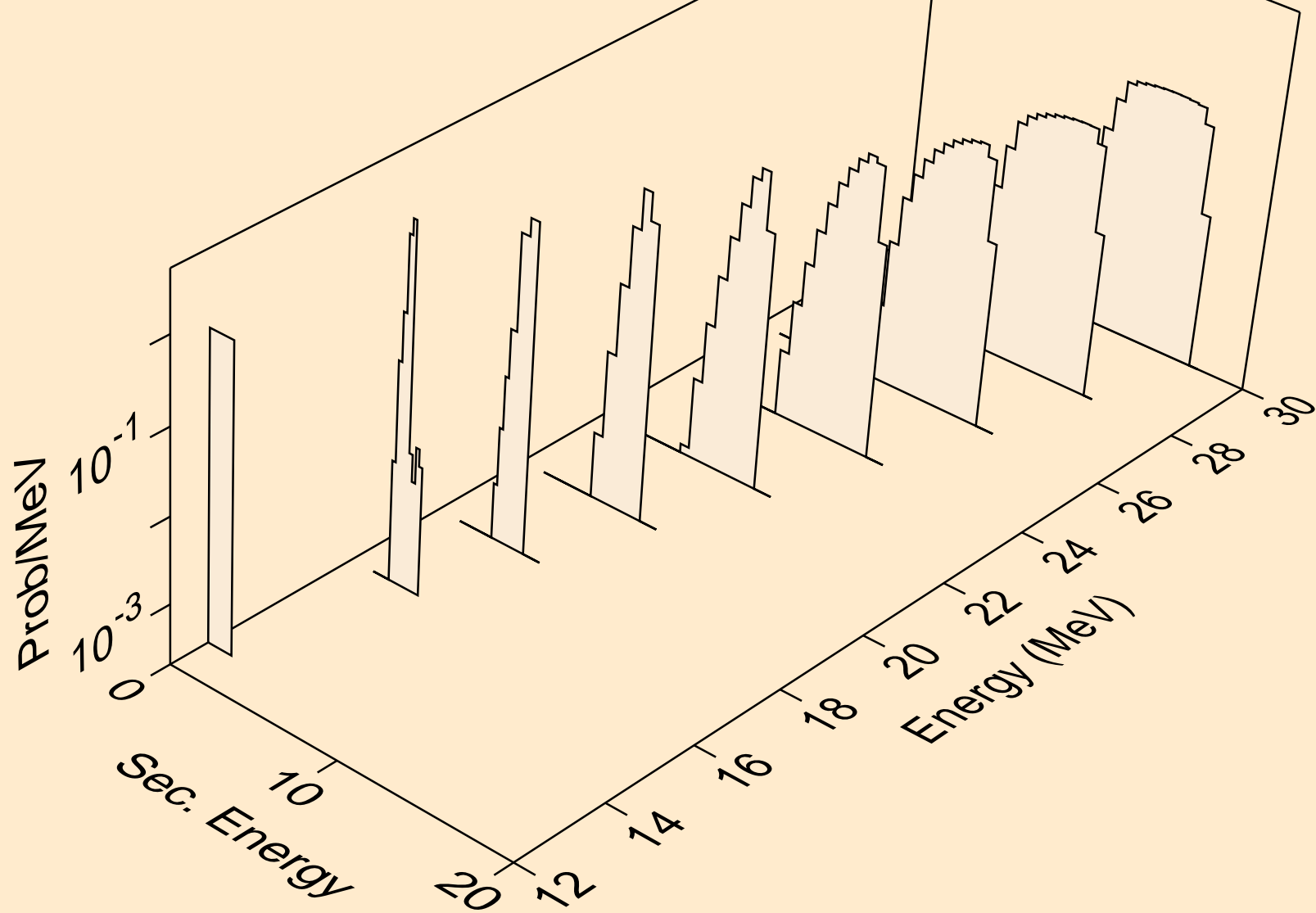




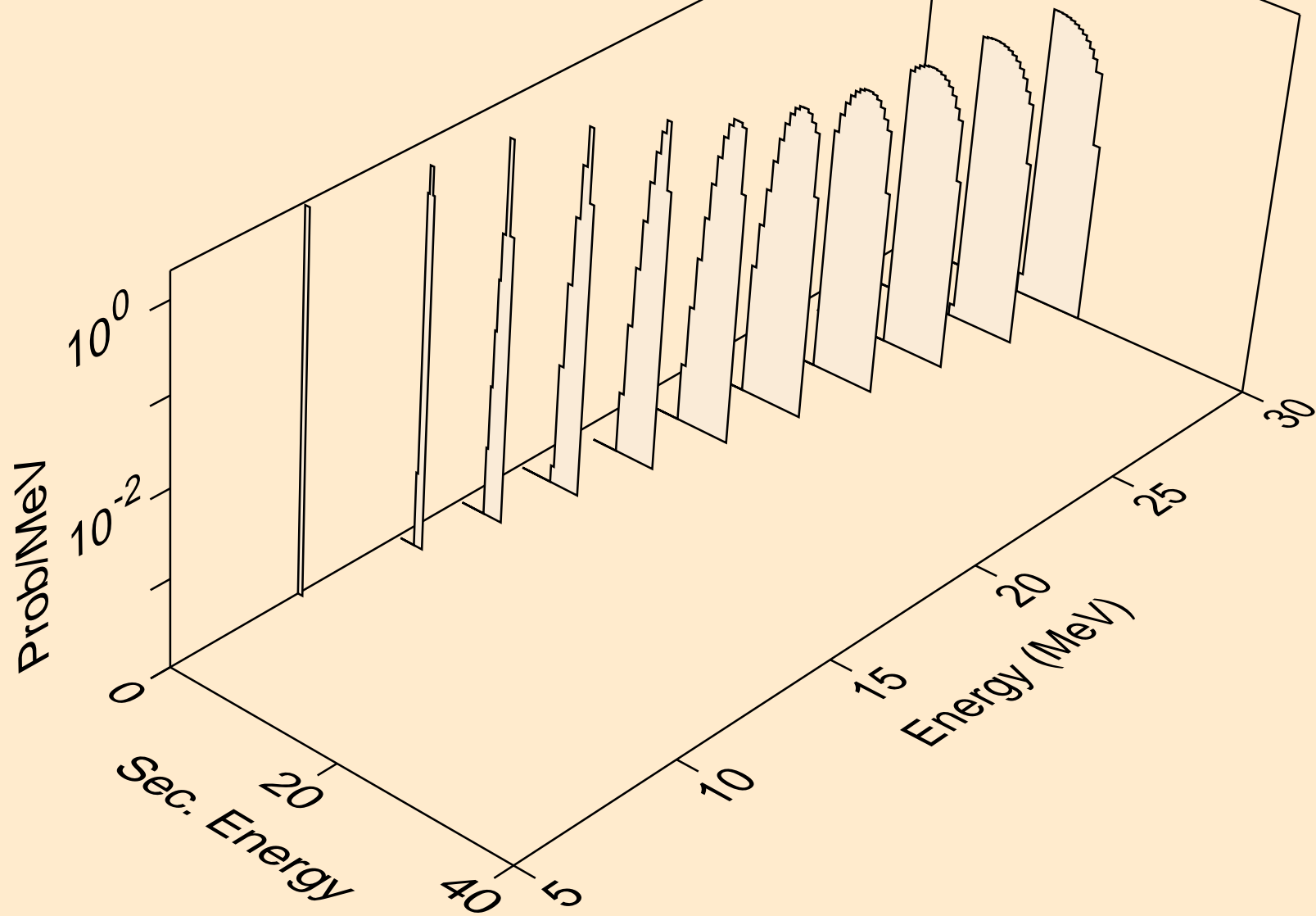
ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)



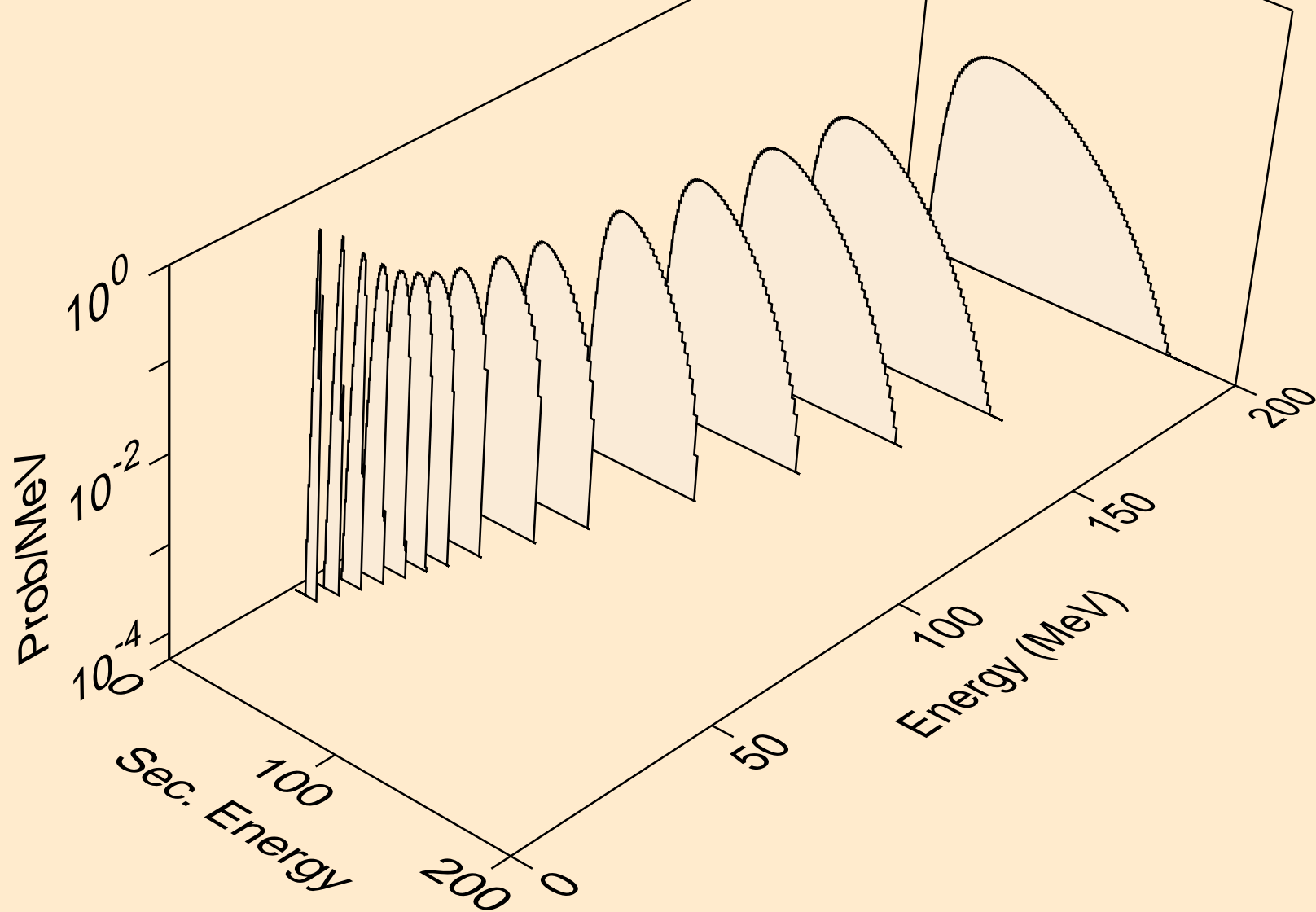
ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



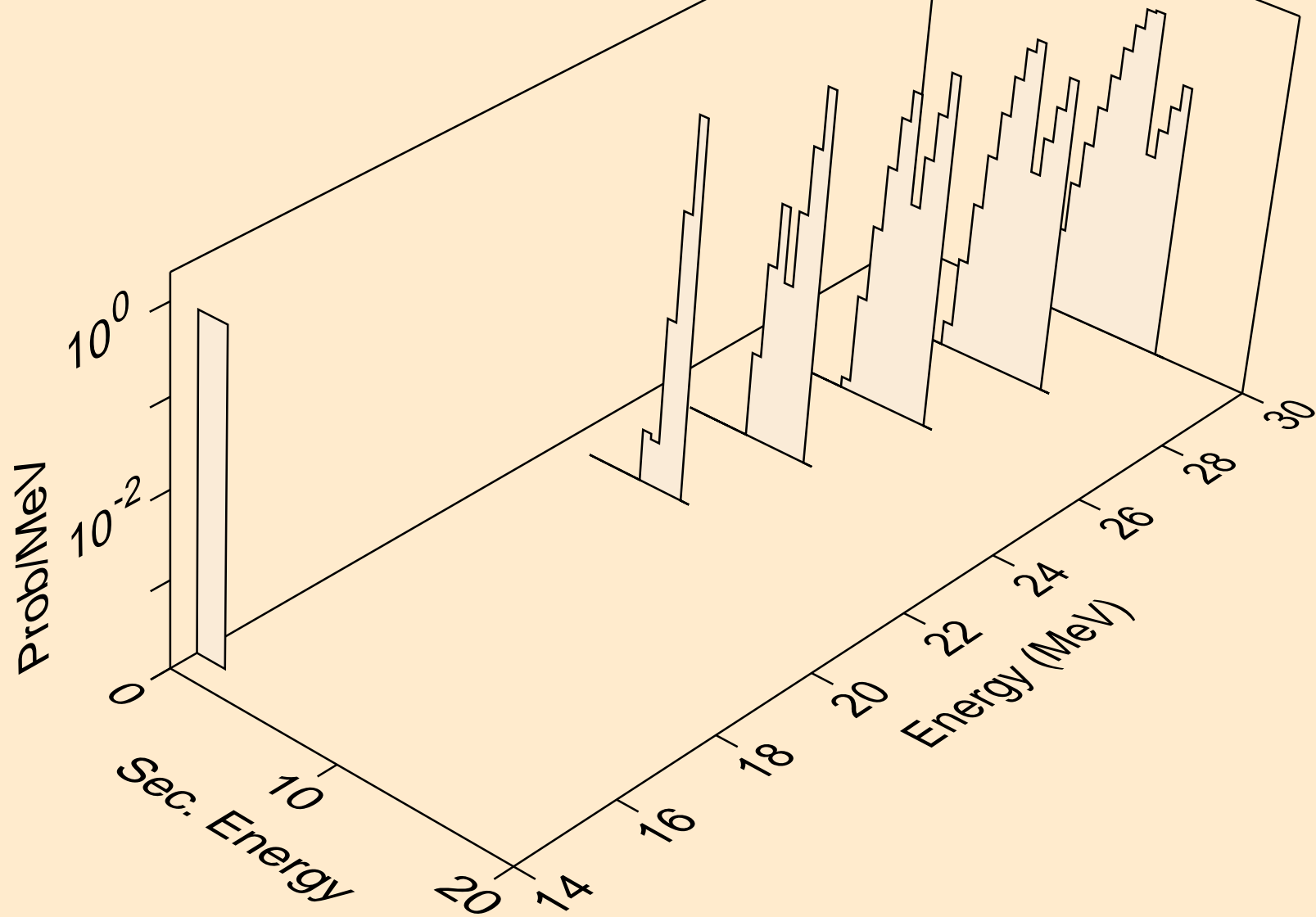
ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)



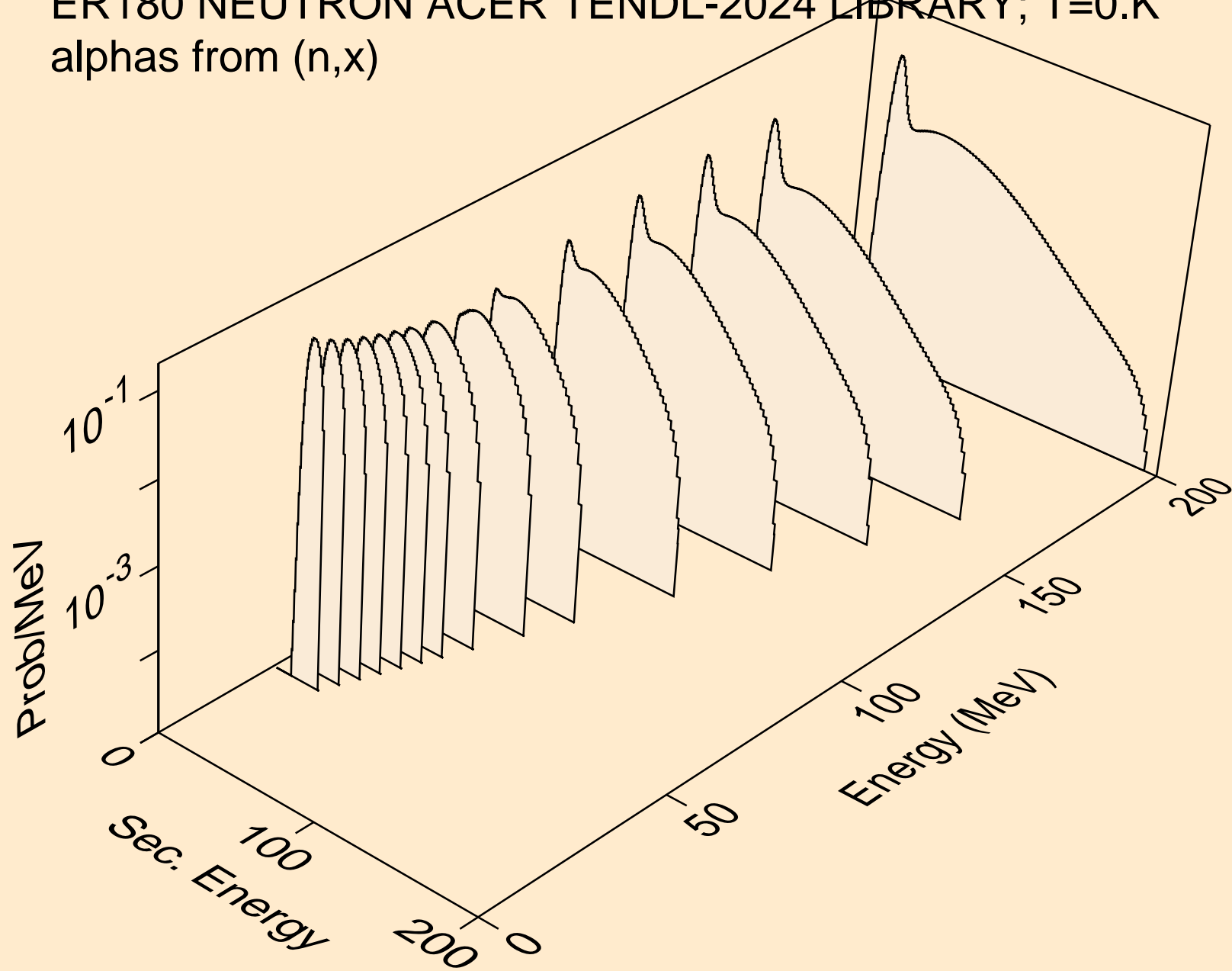
ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



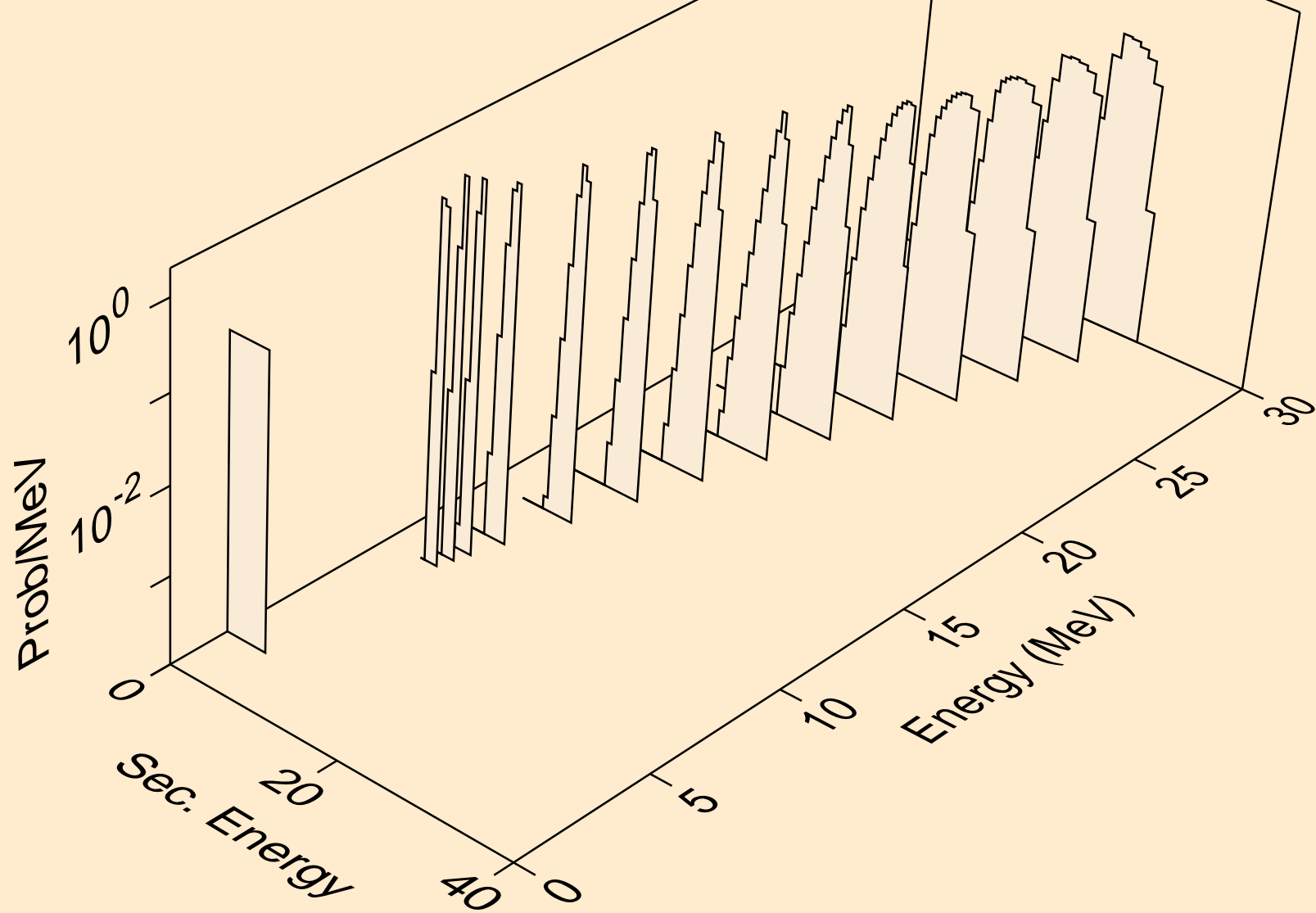
ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)



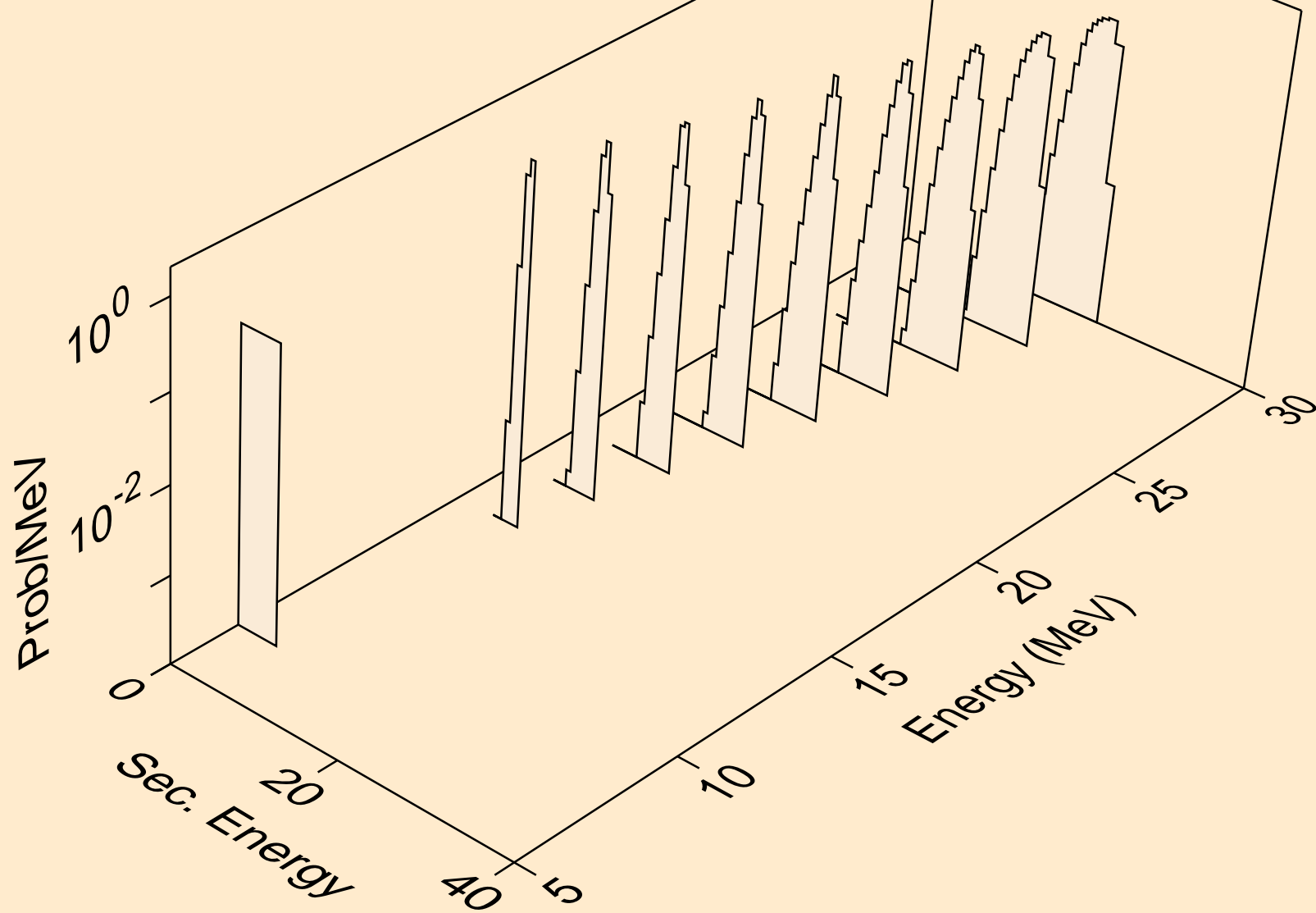
ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a

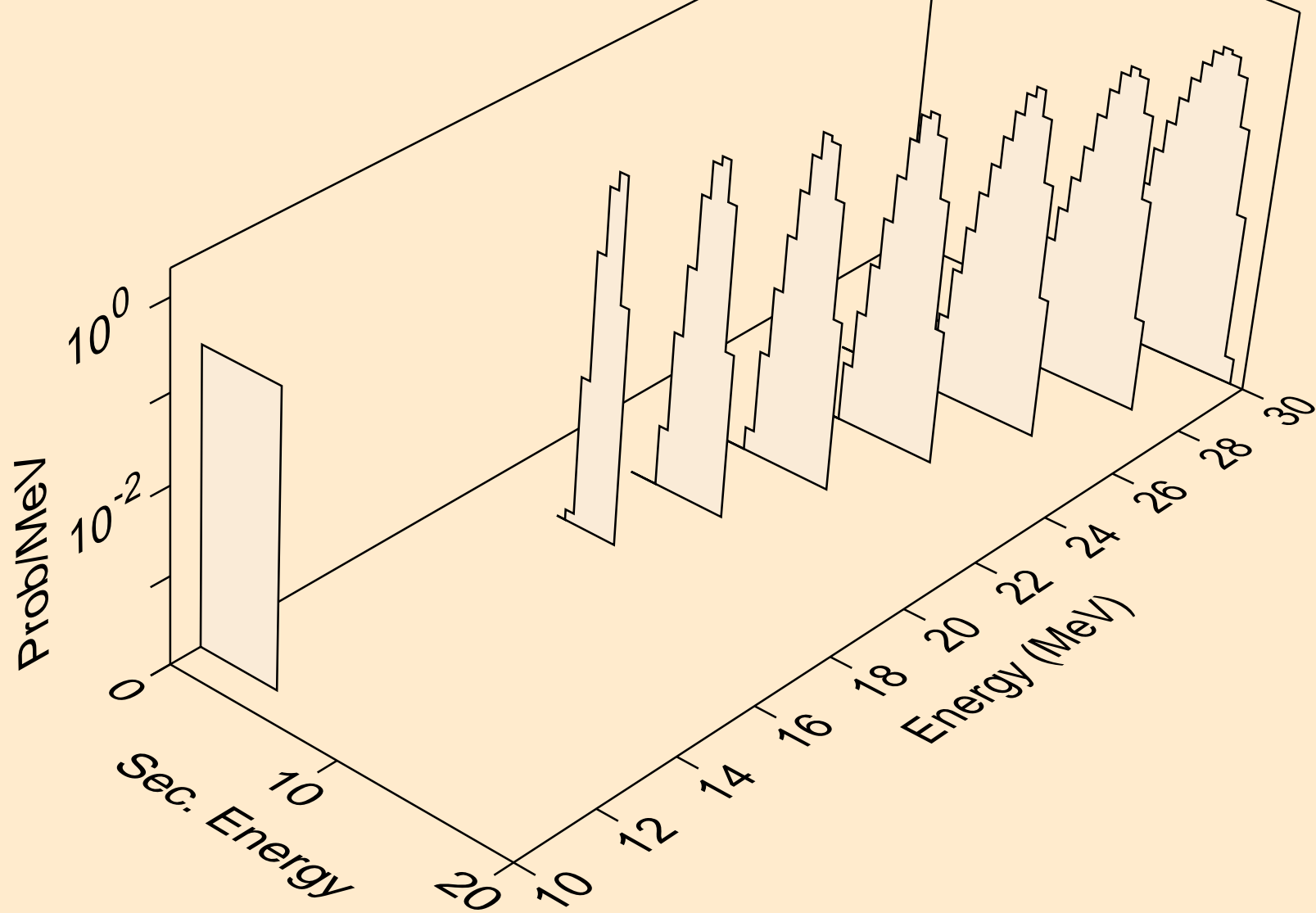


ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a





ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



ER180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)

