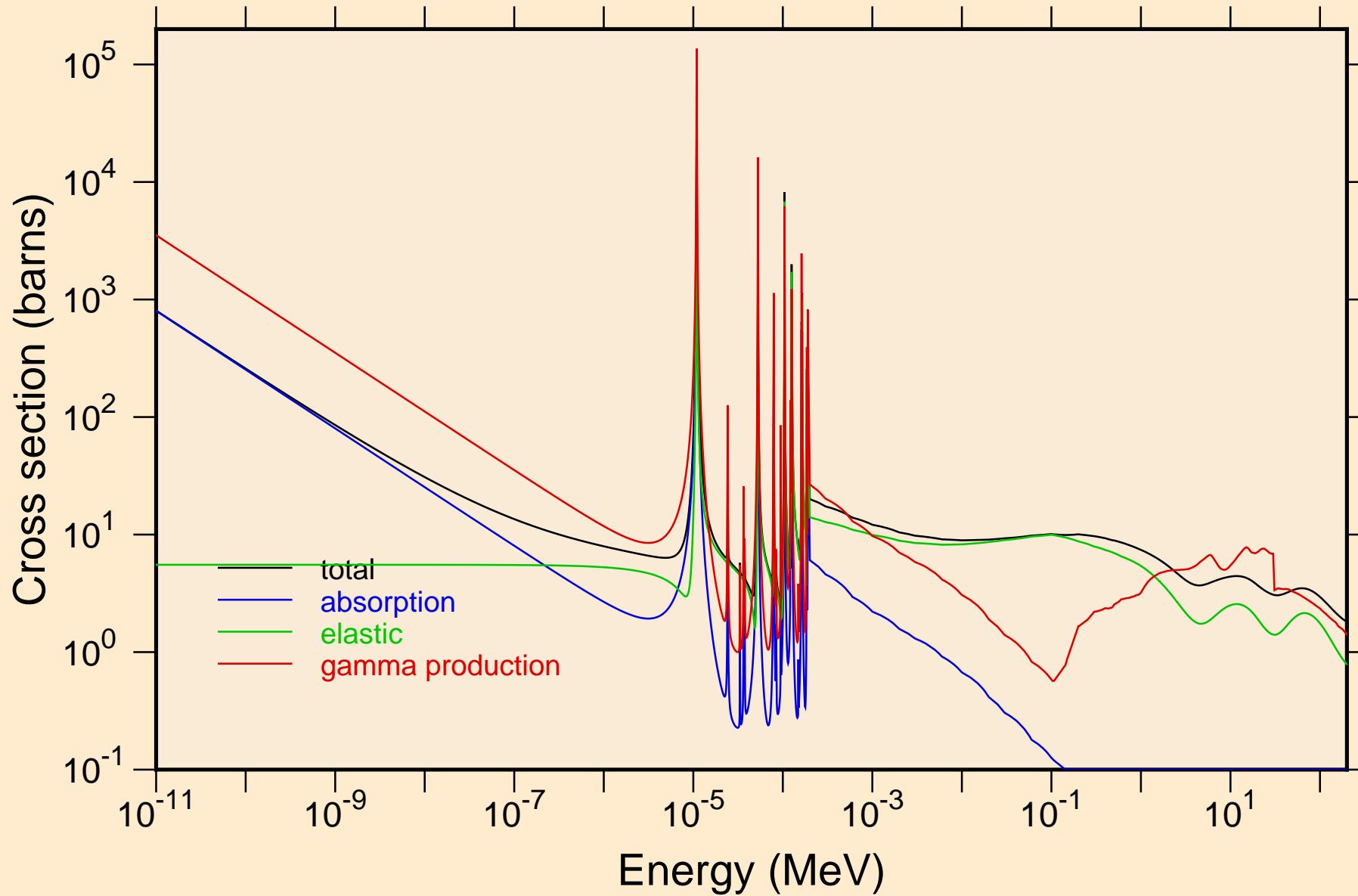
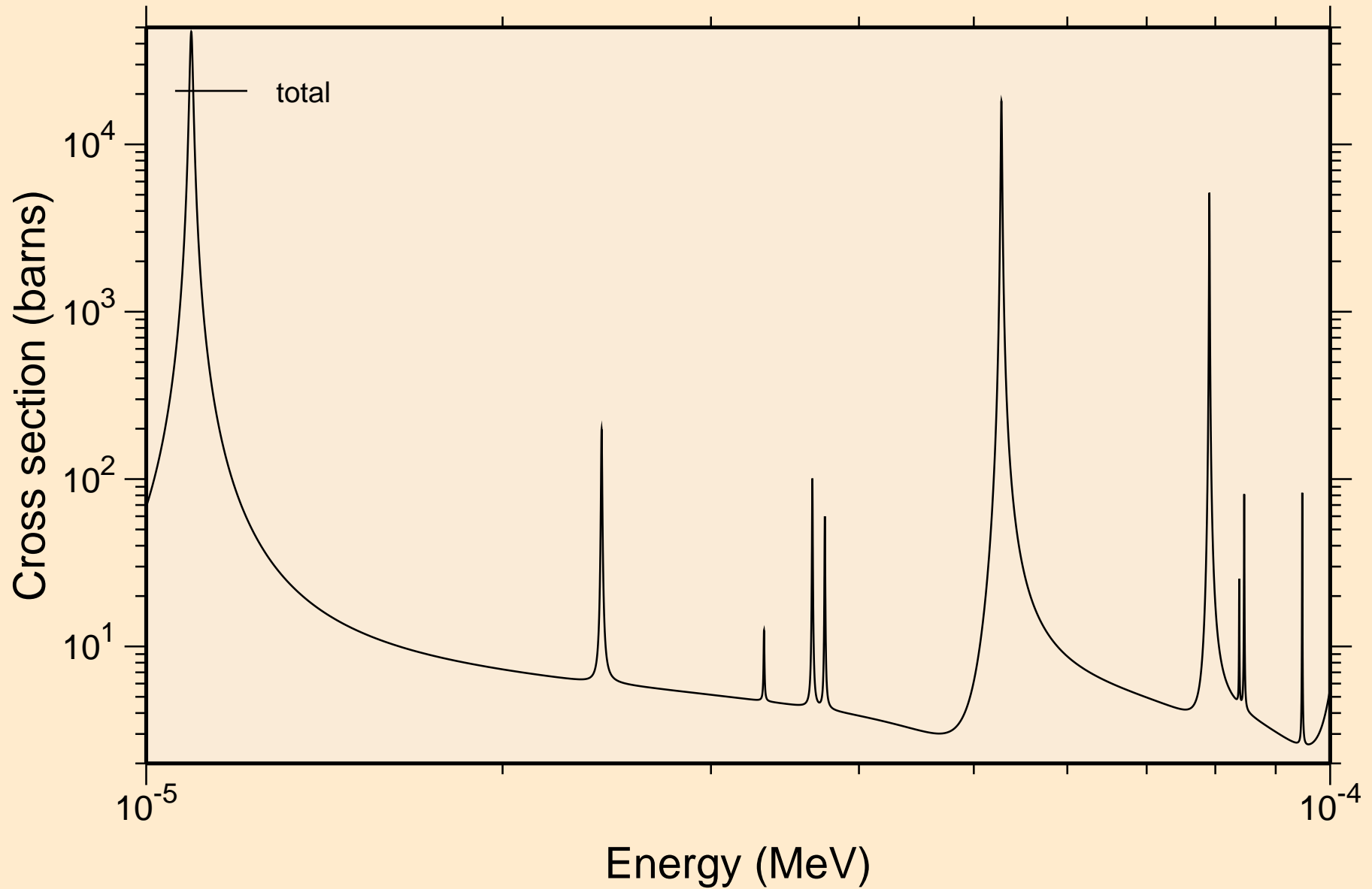


# RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

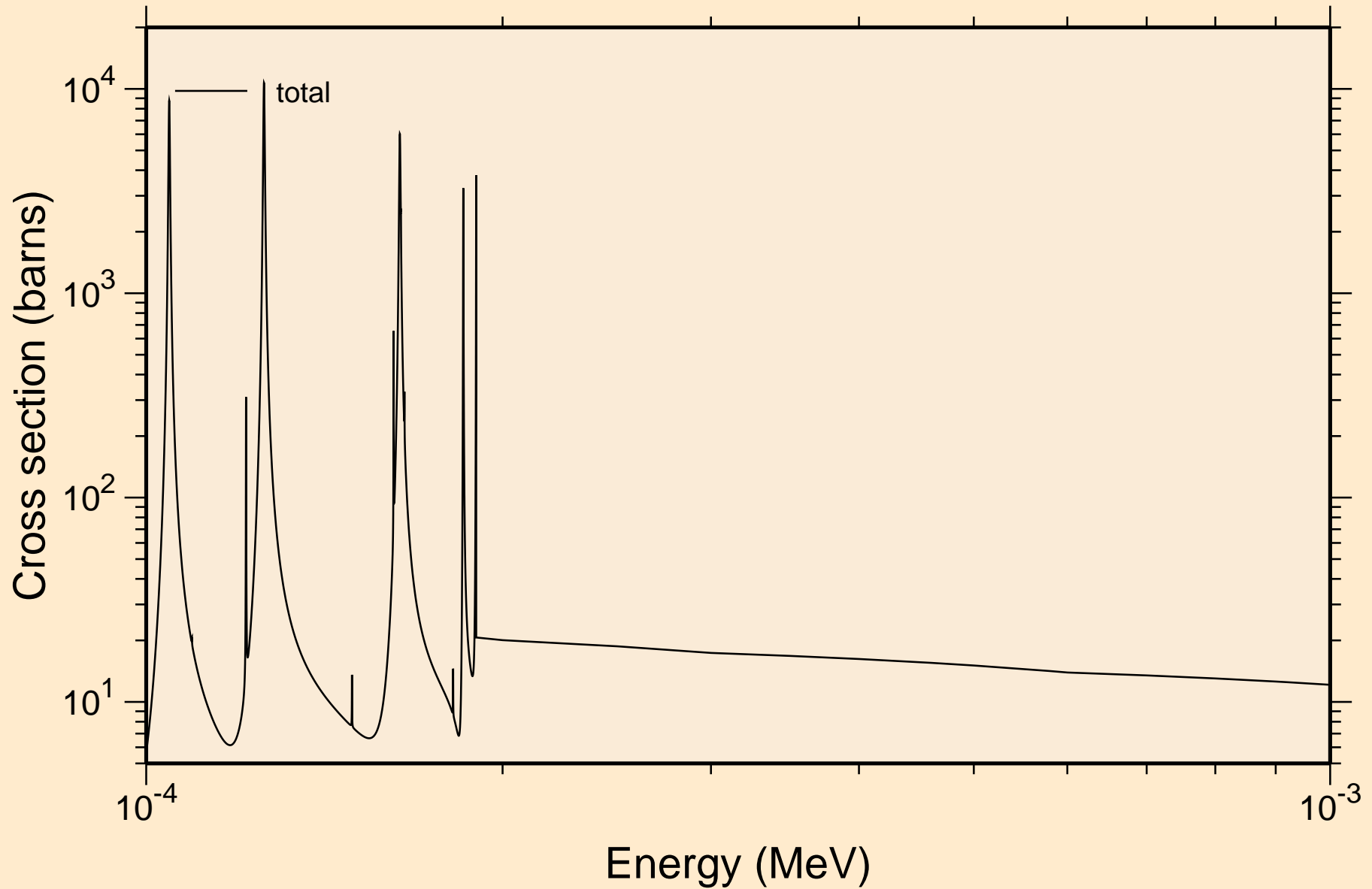
## Principal cross sections



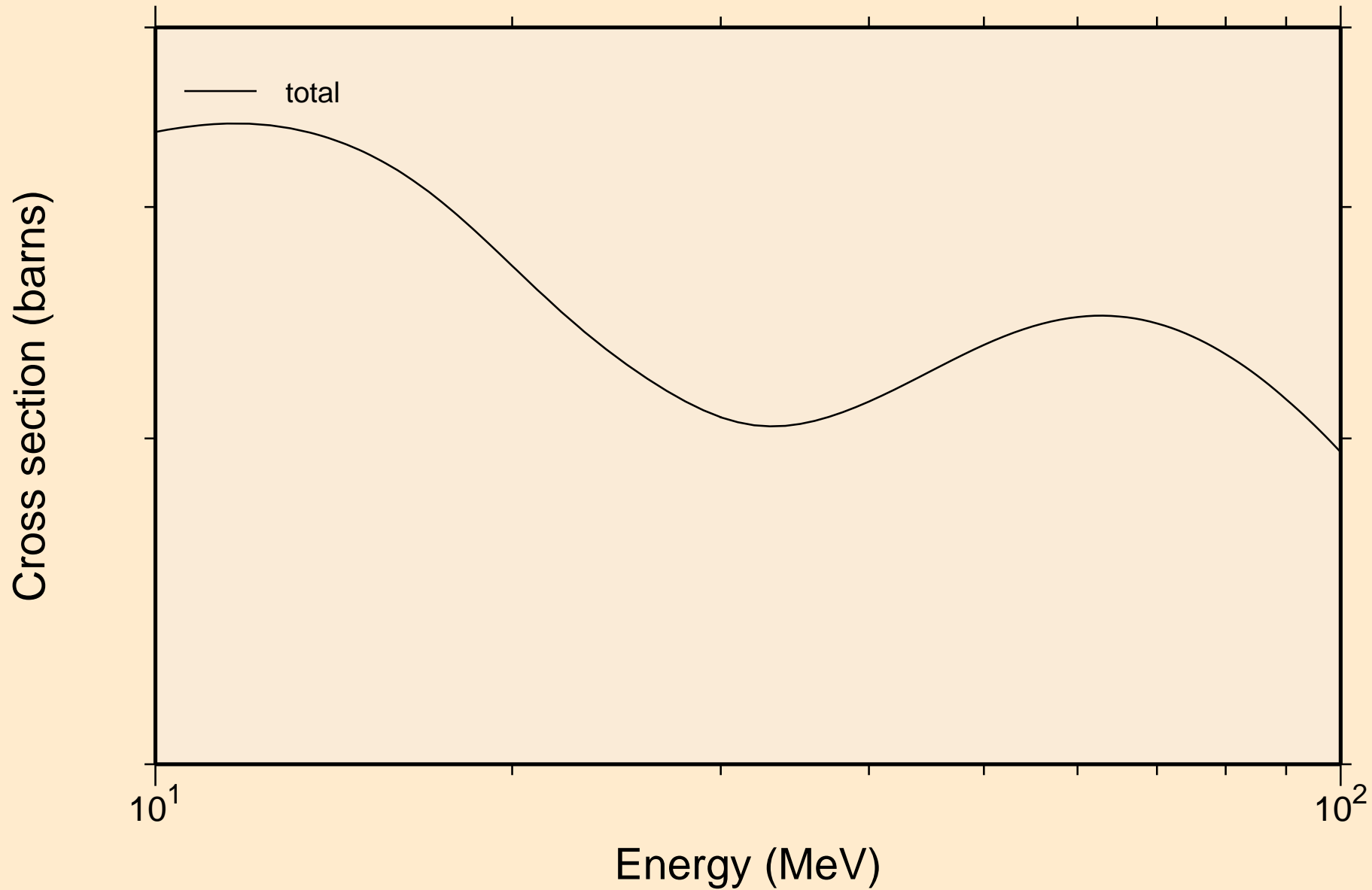
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



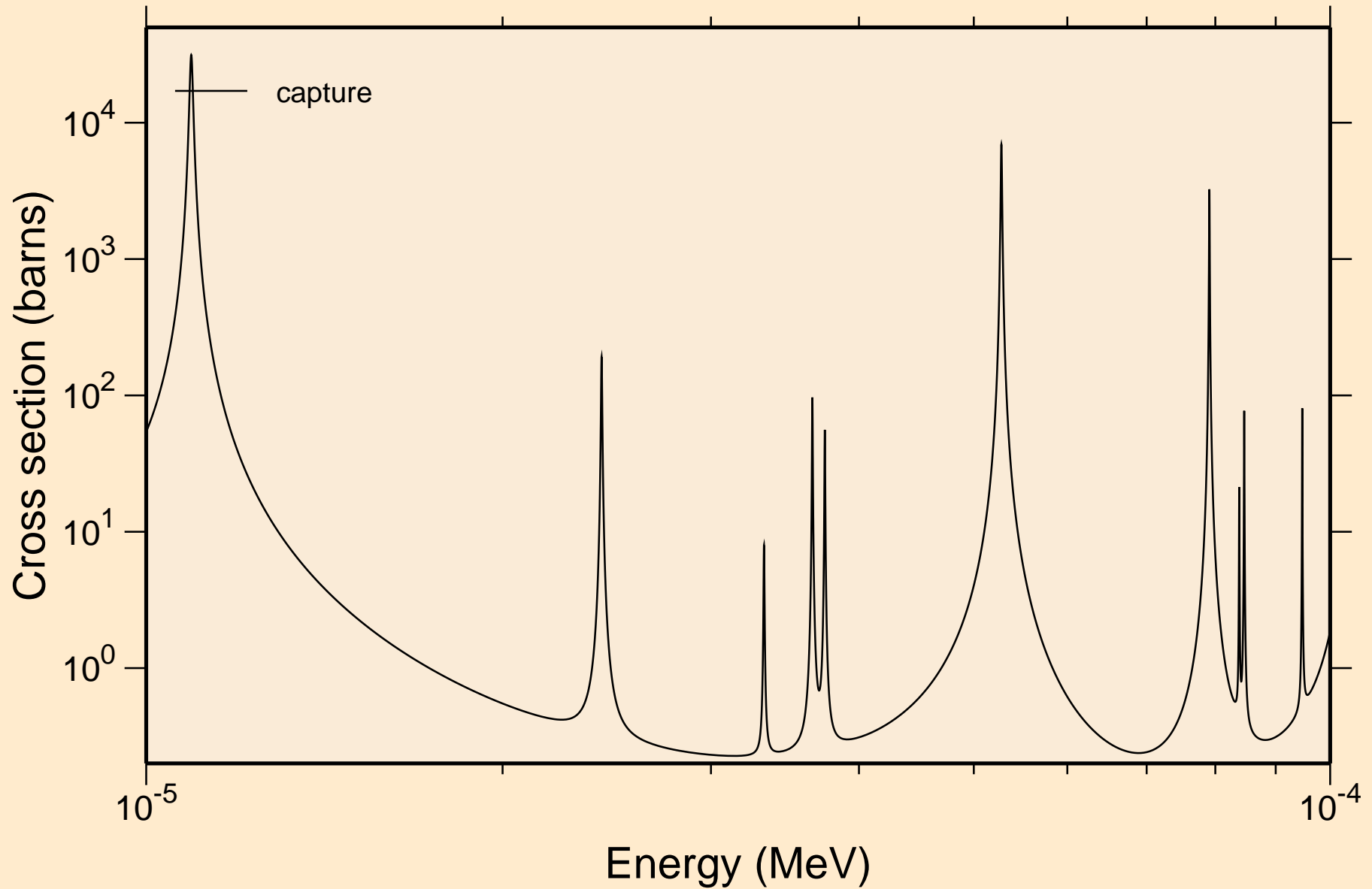
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



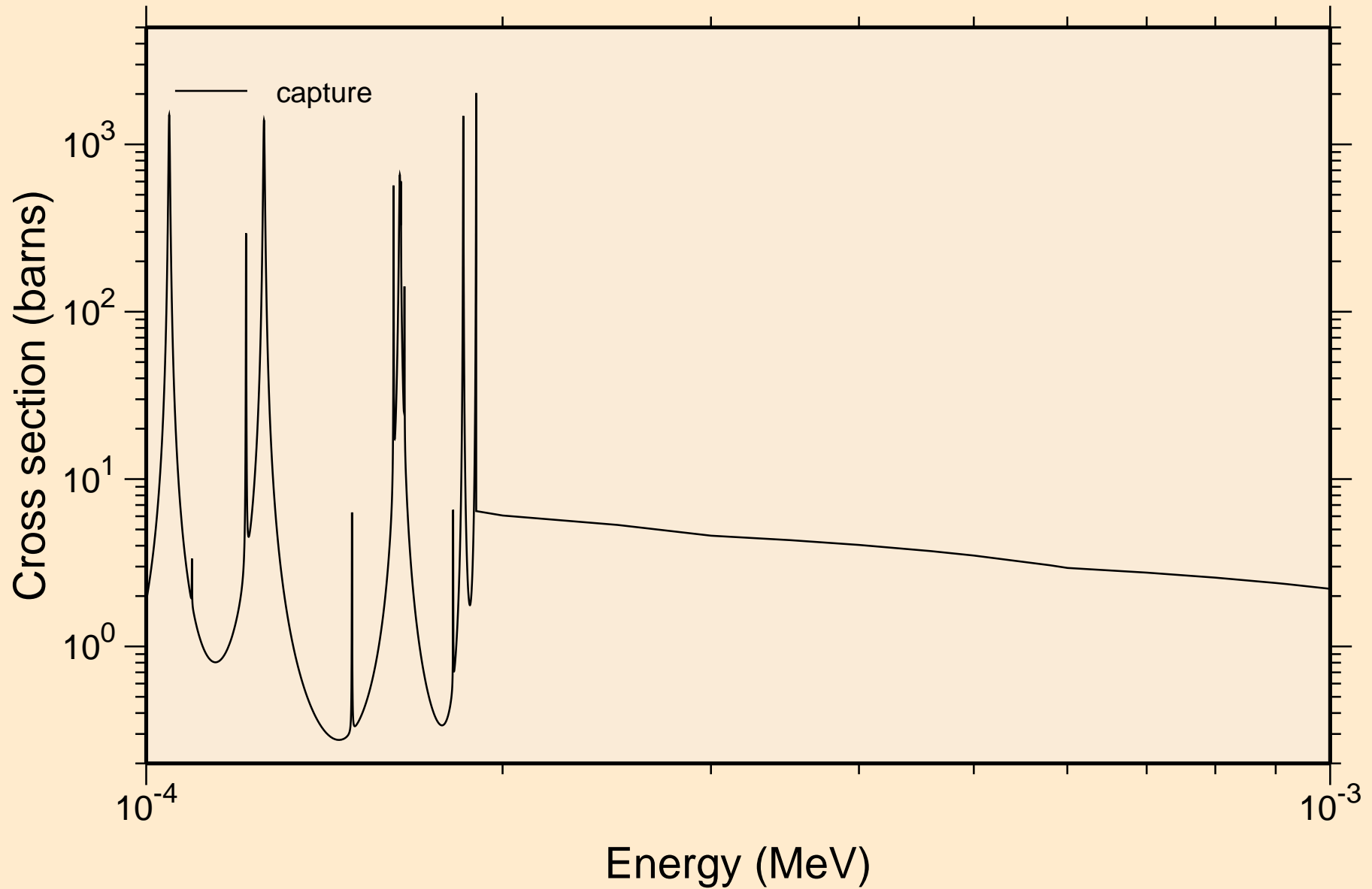
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



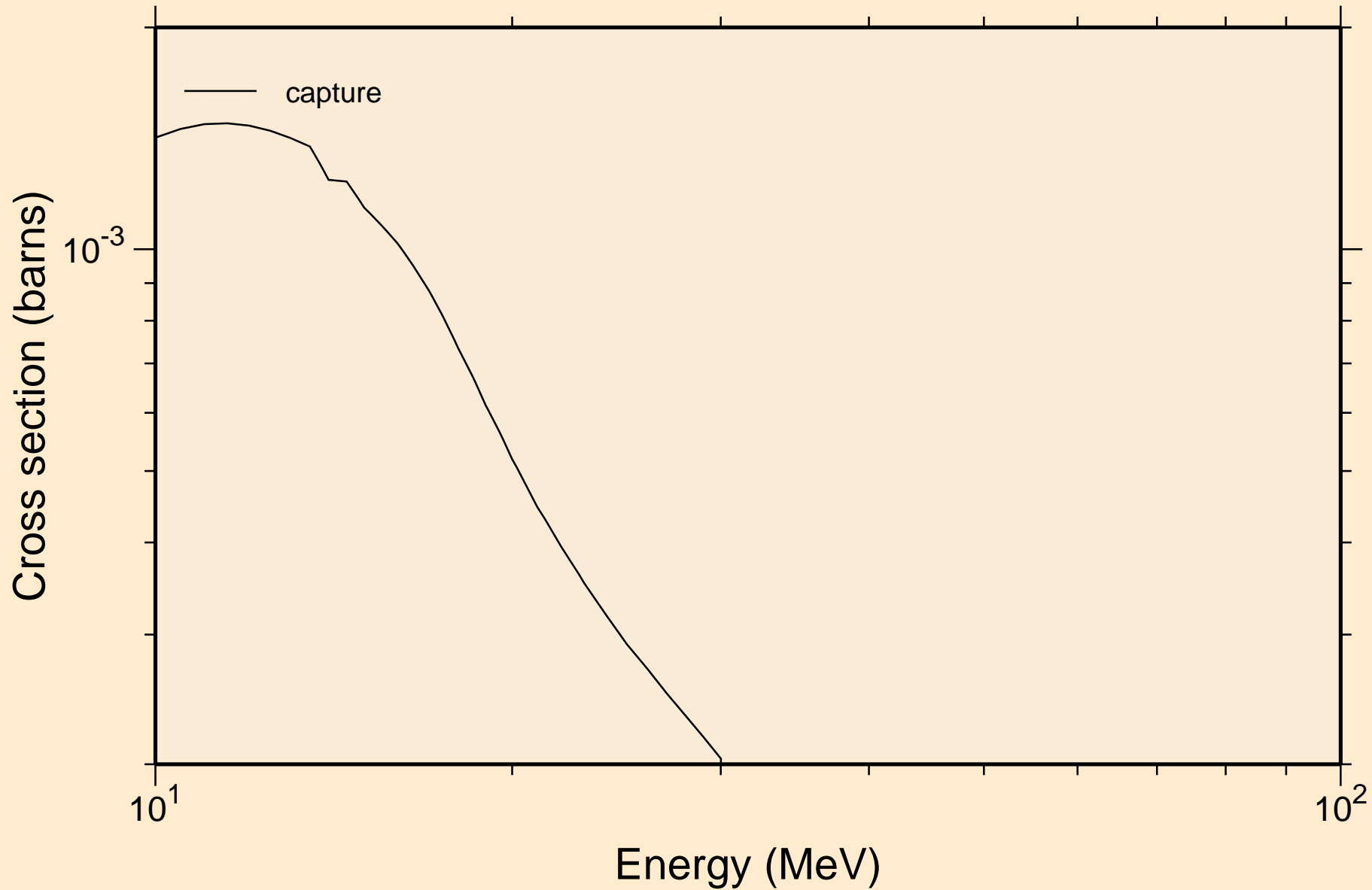
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



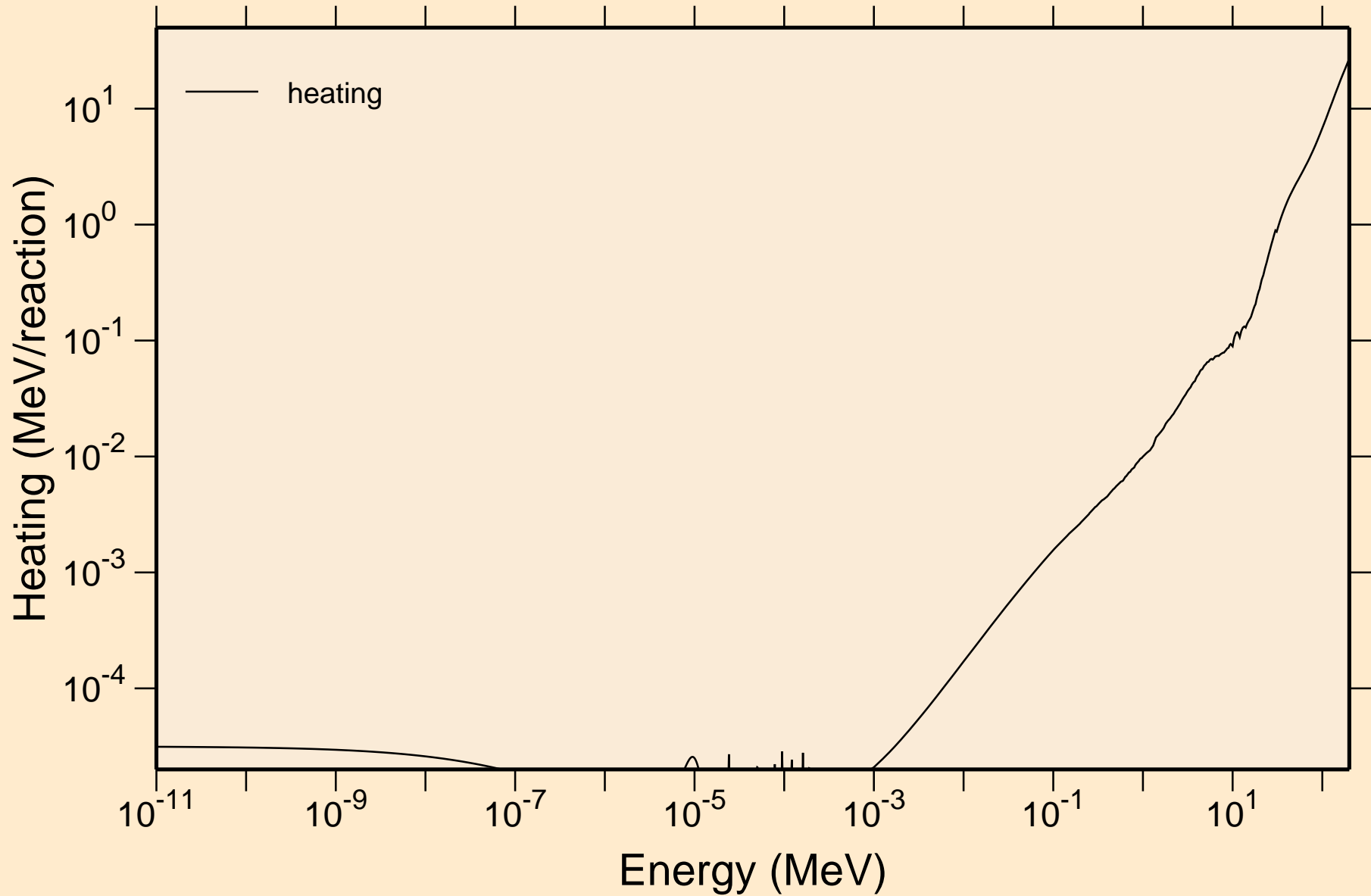
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

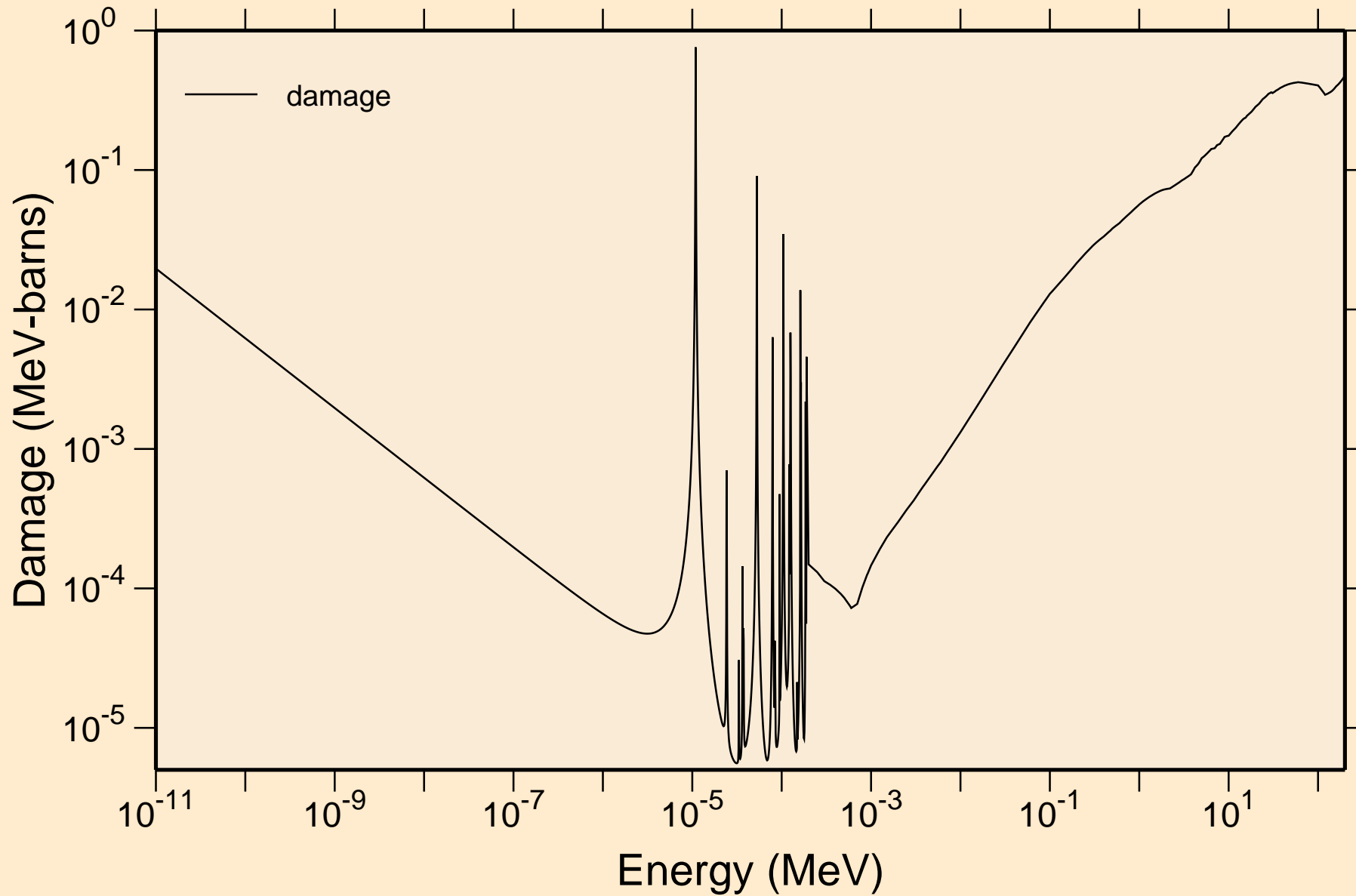


RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Heating

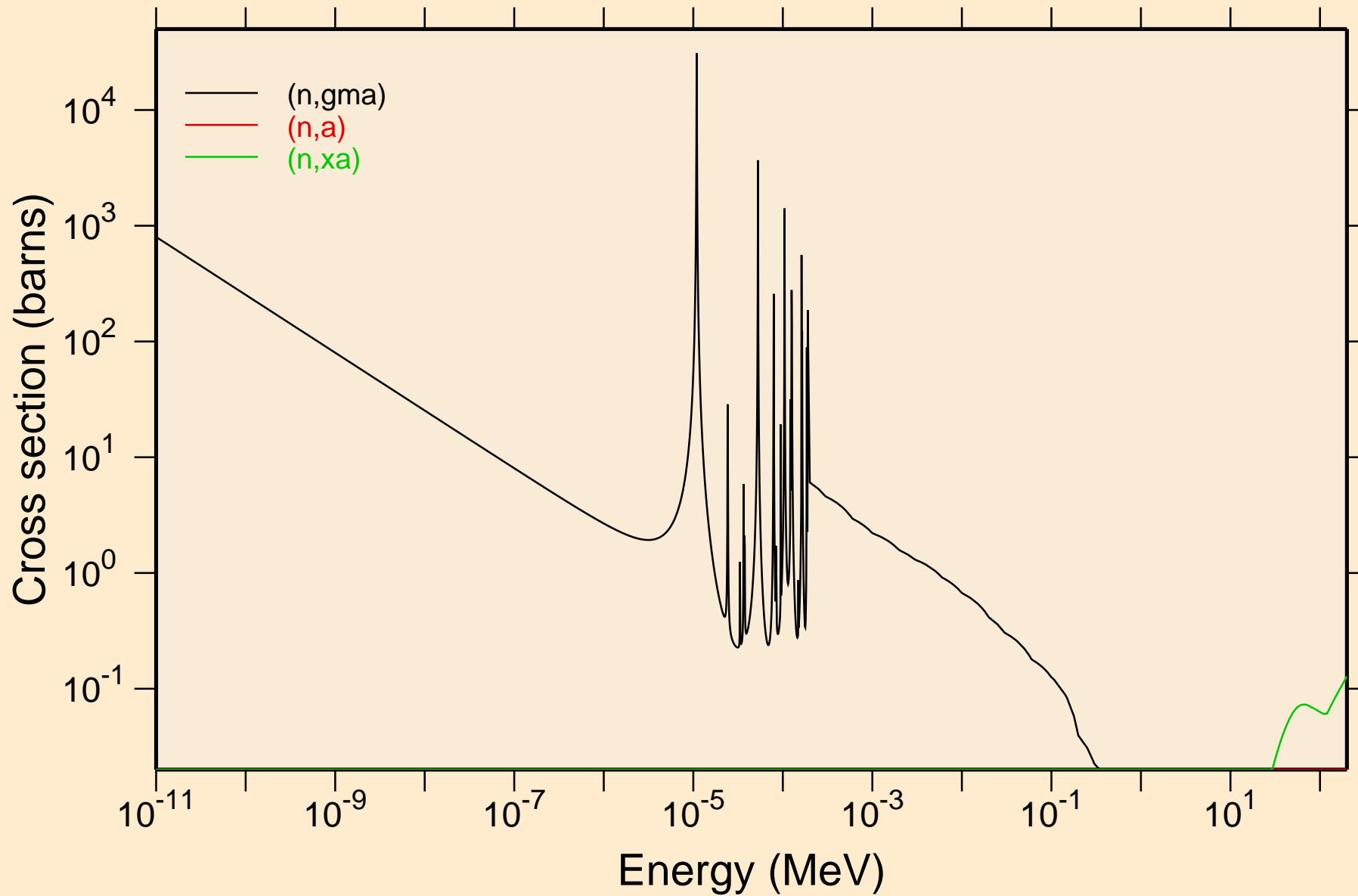


# RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

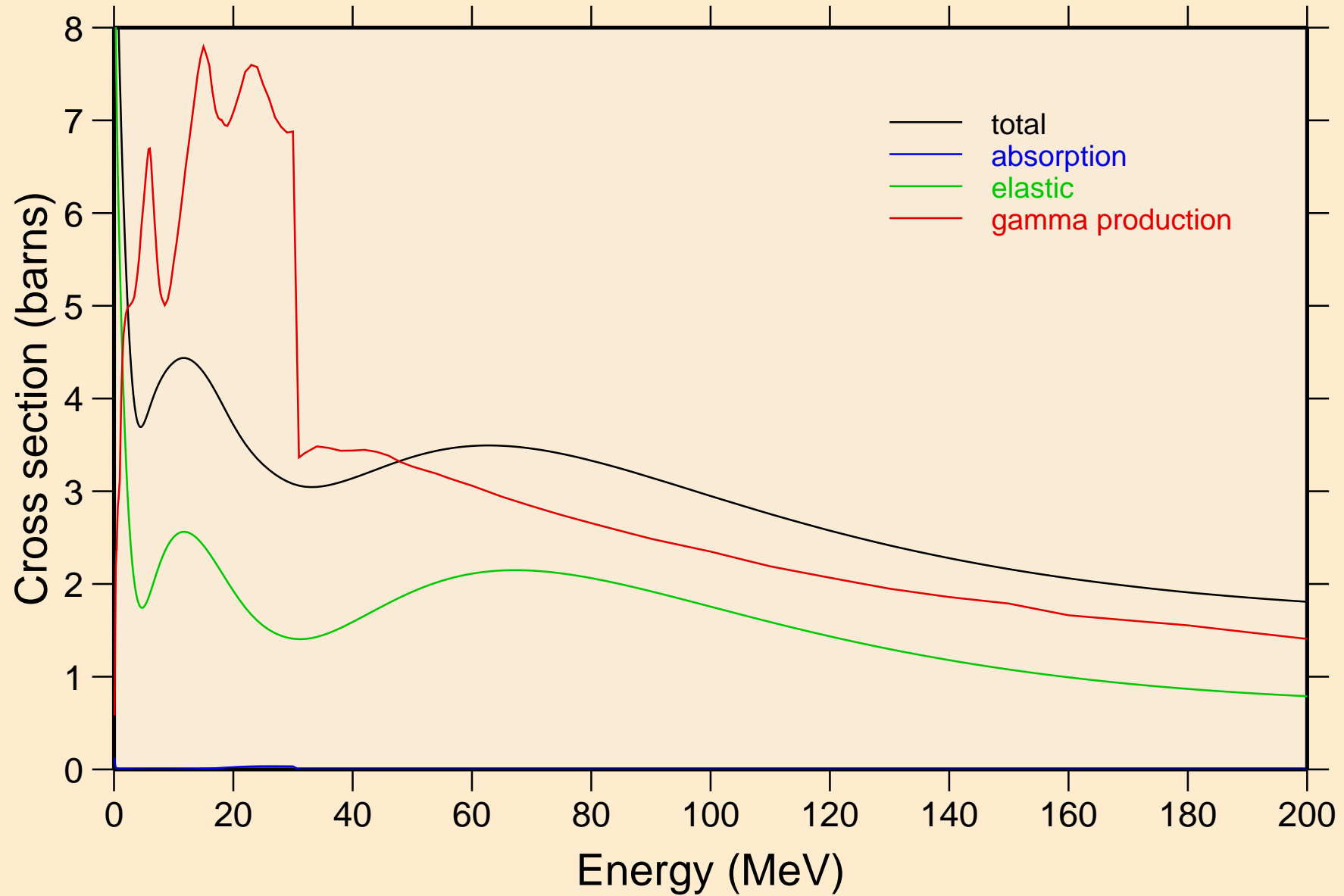


RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



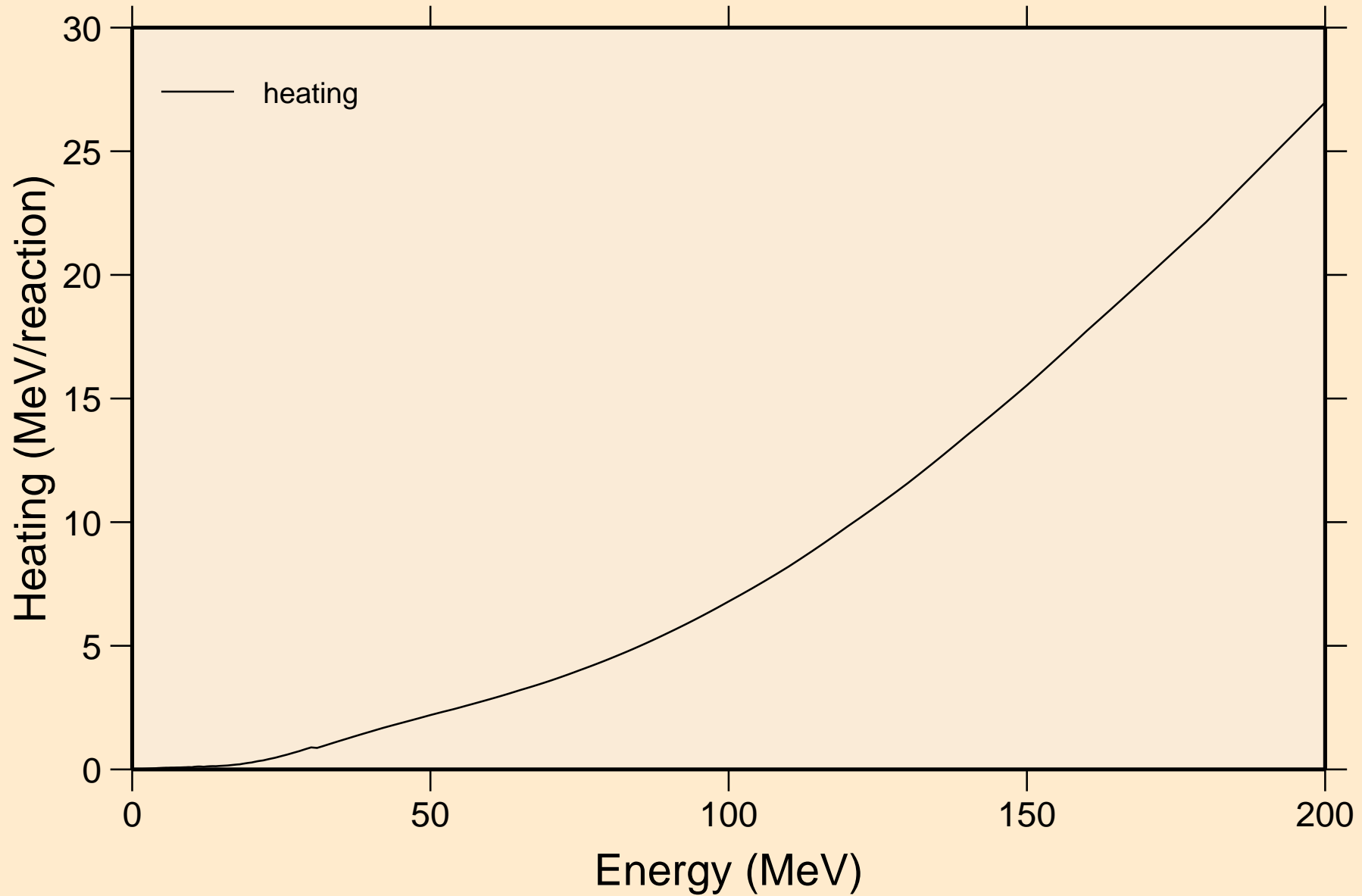
# RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections

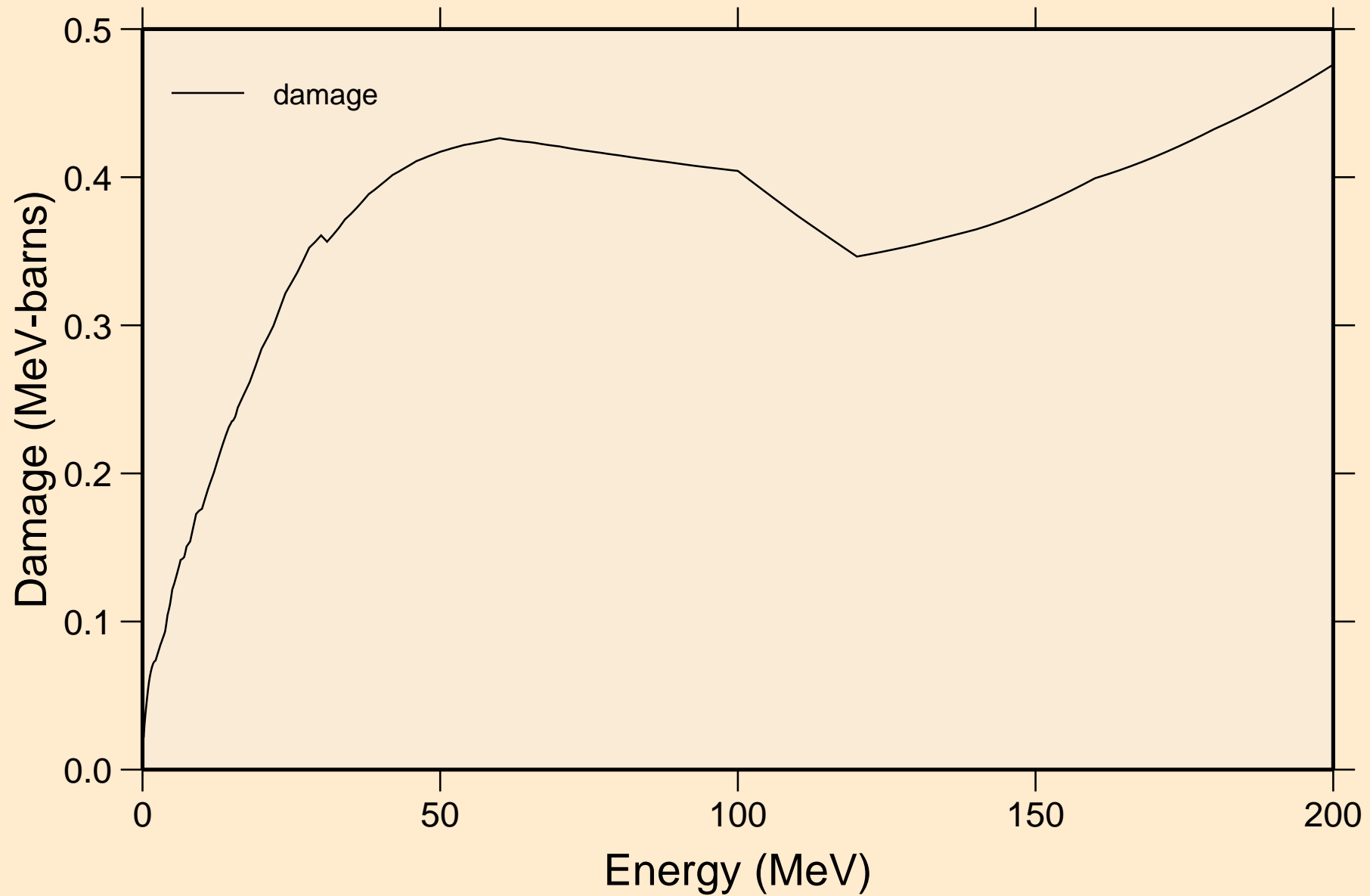


# RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

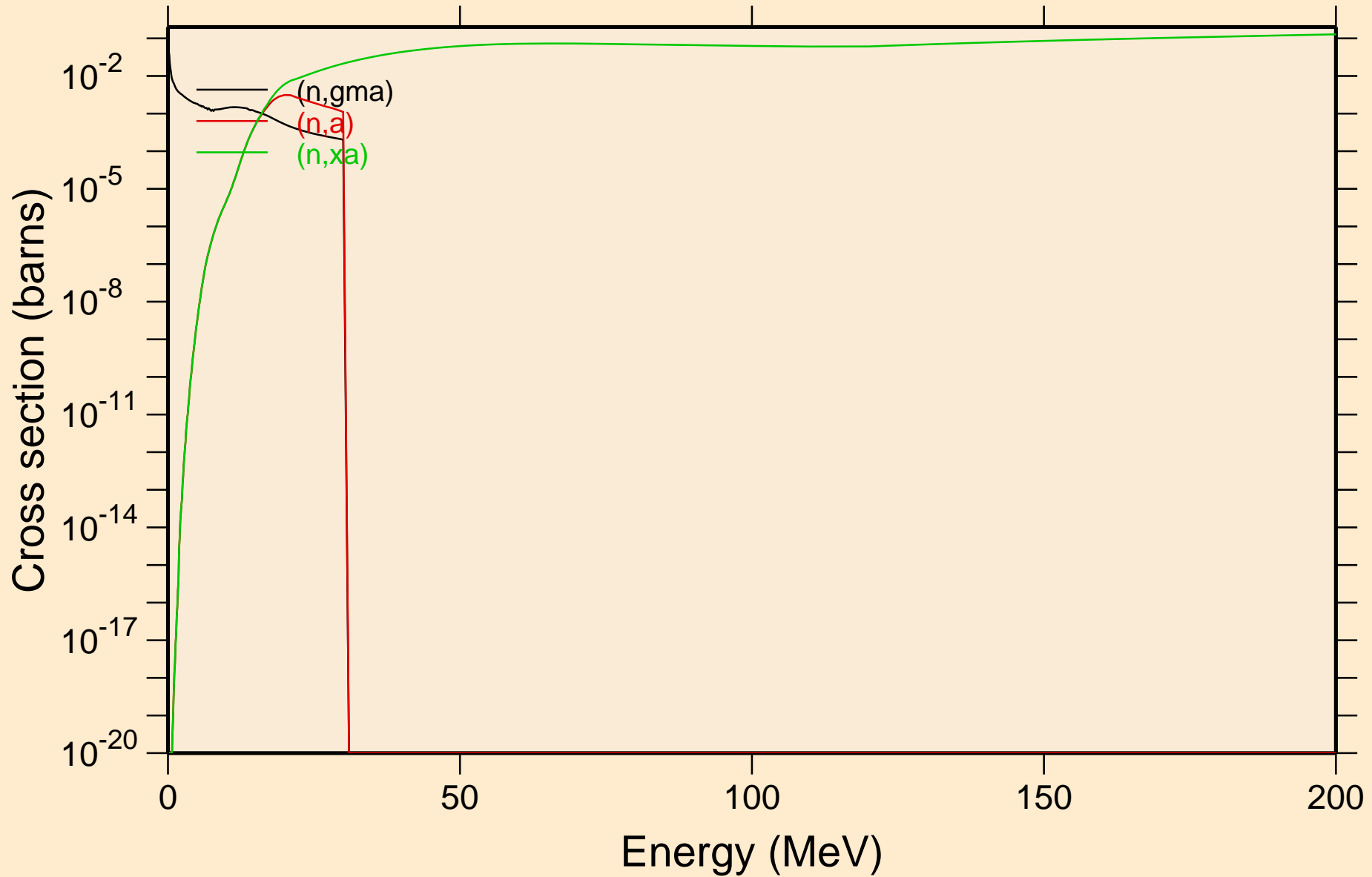
## Heating



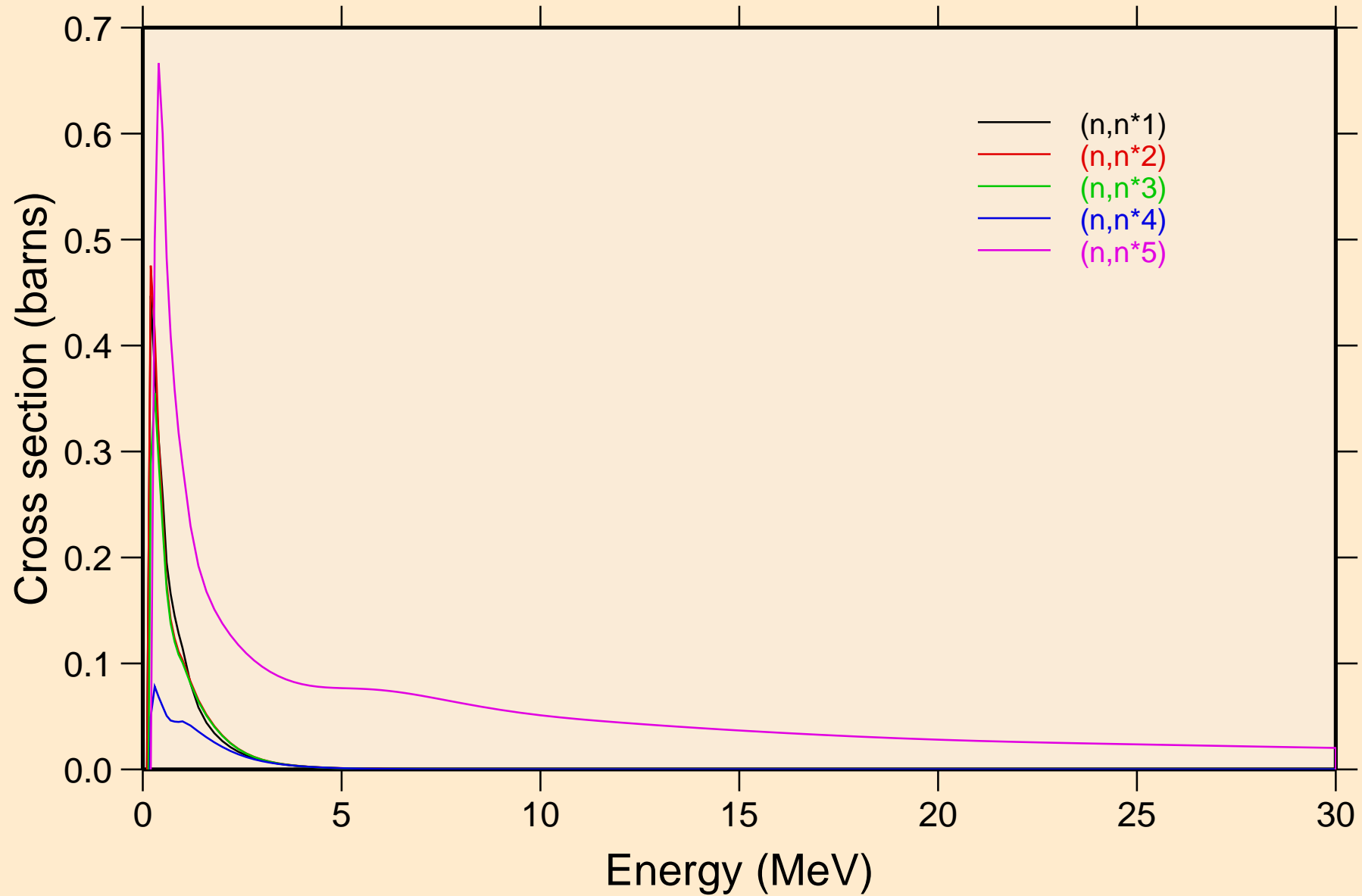
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



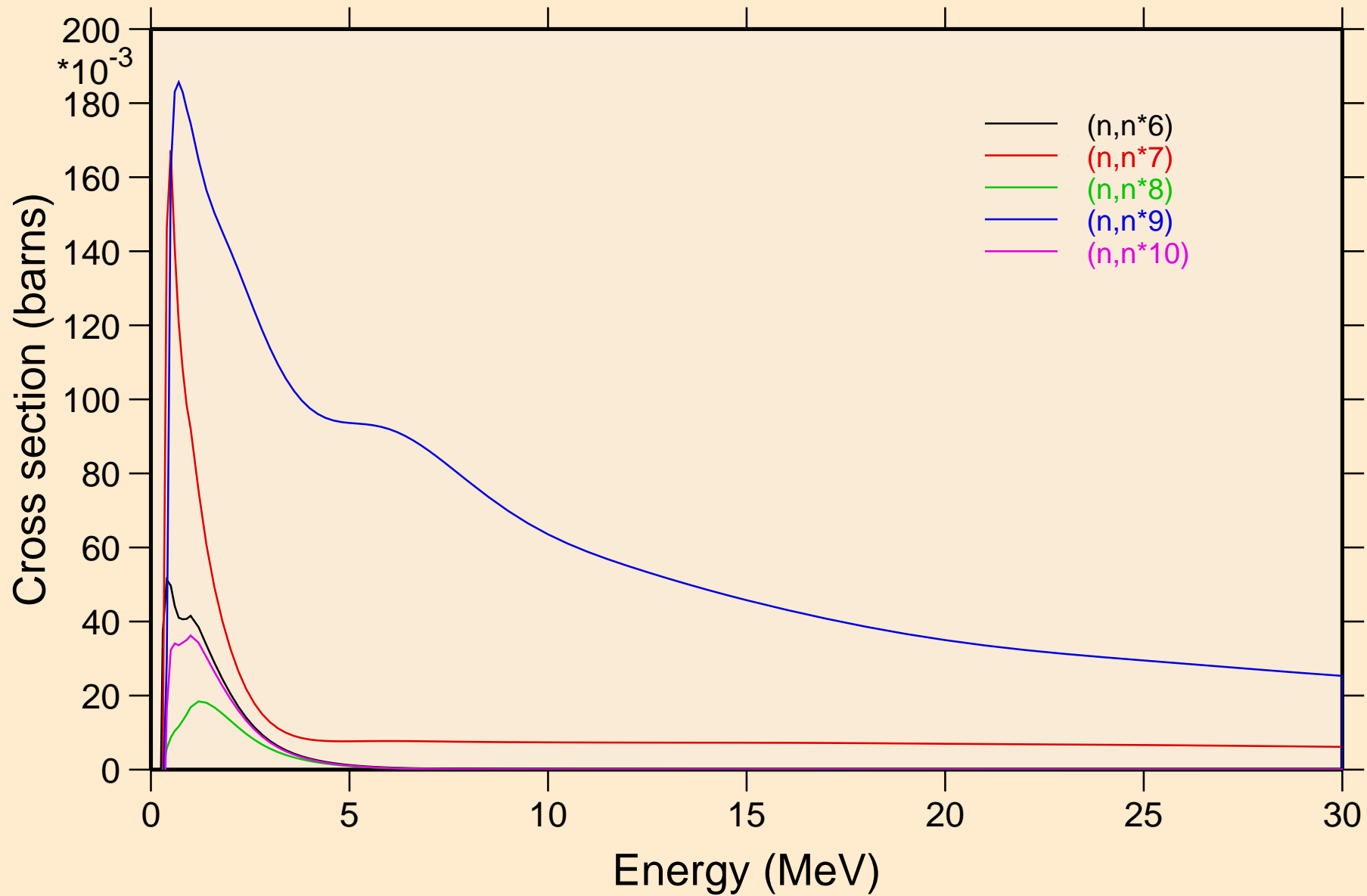
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



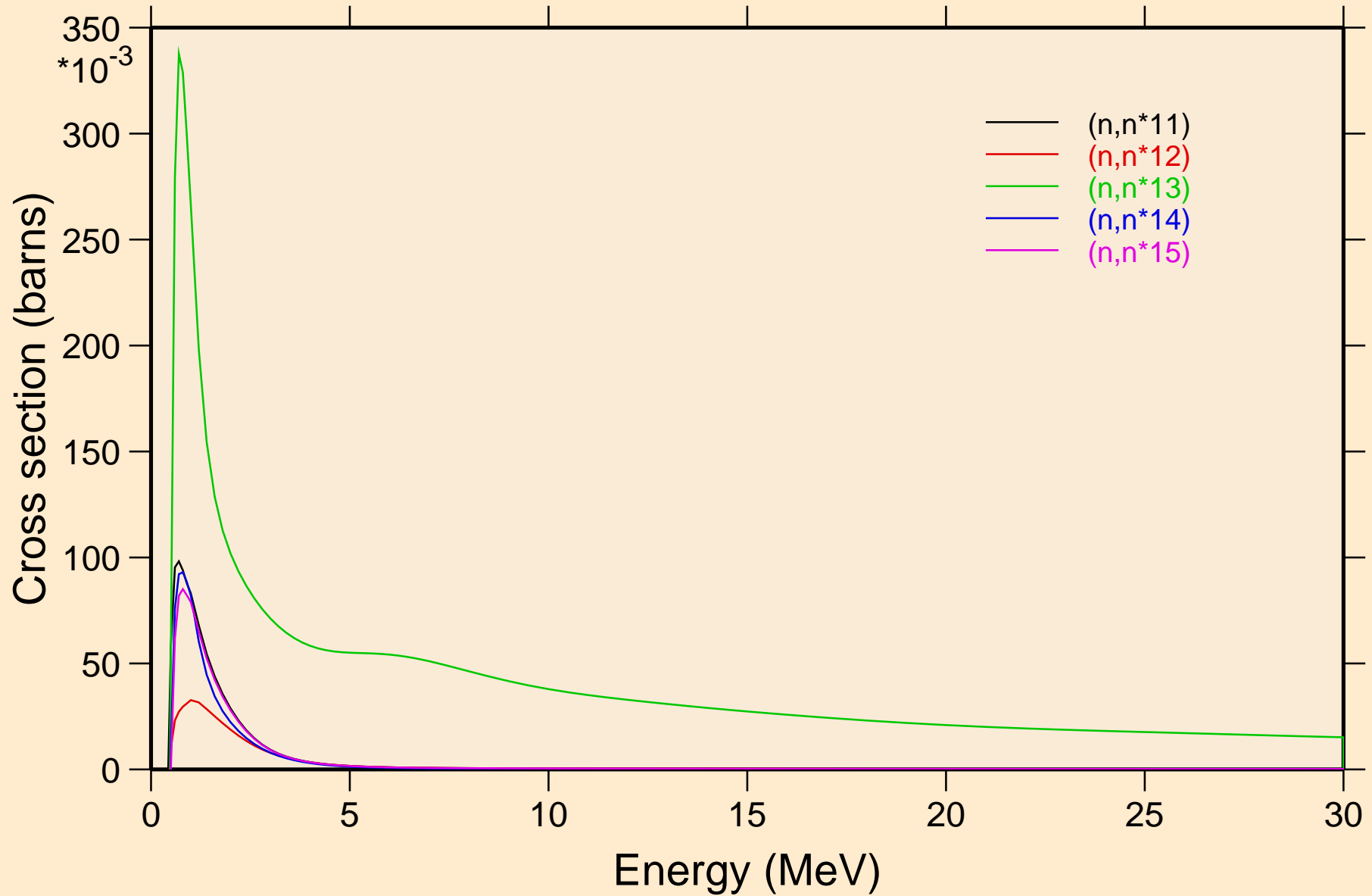
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



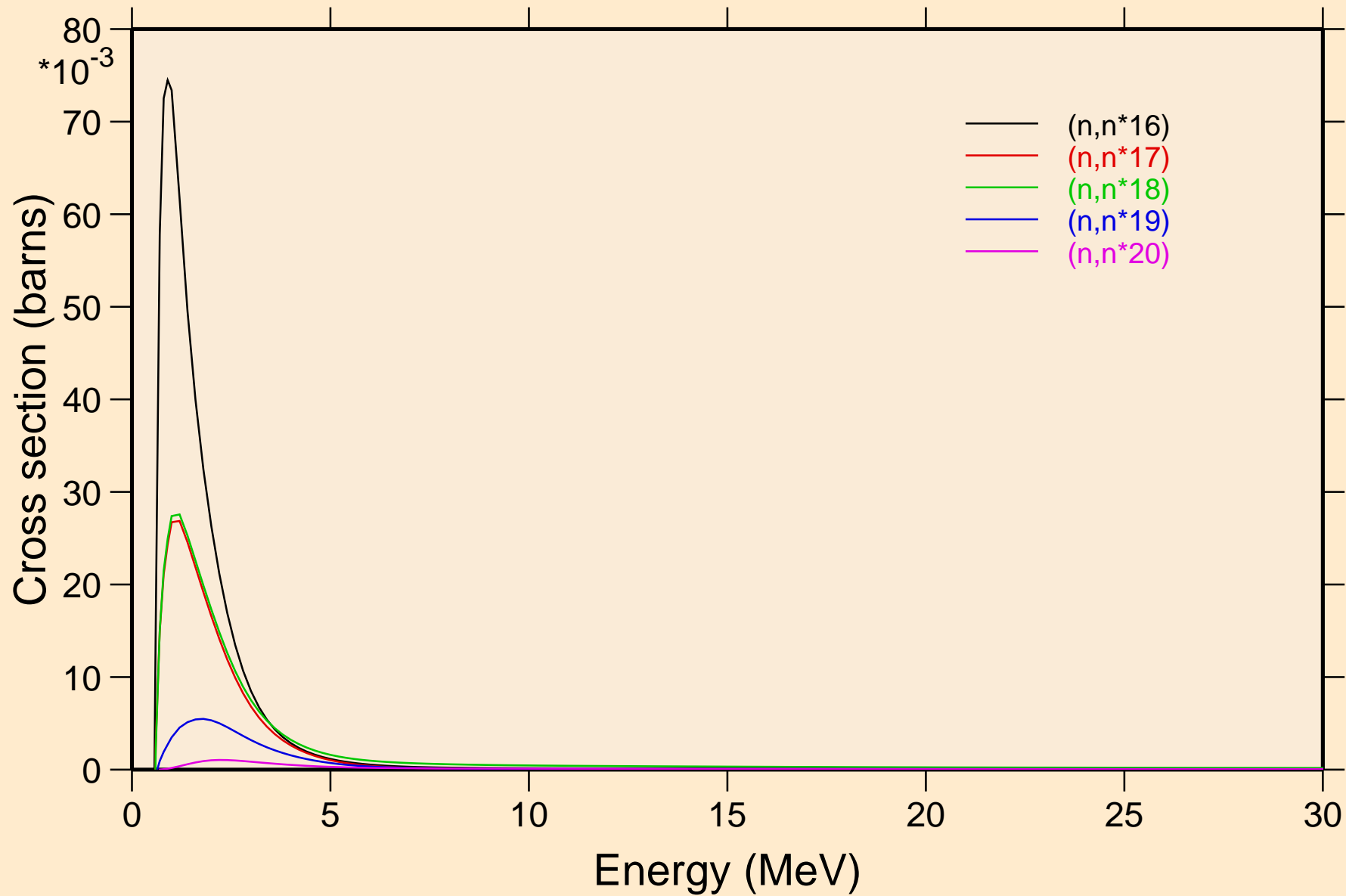
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



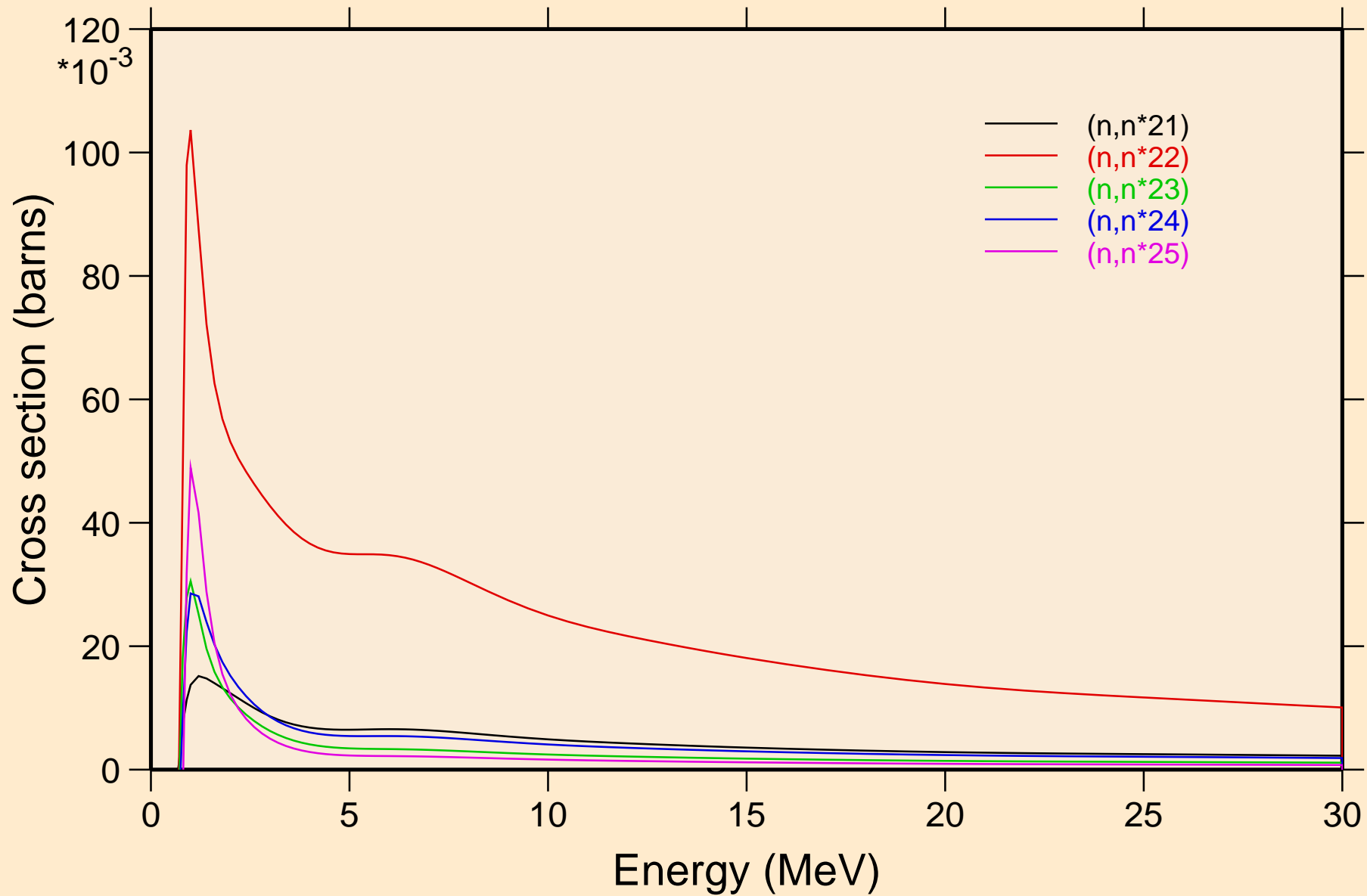
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



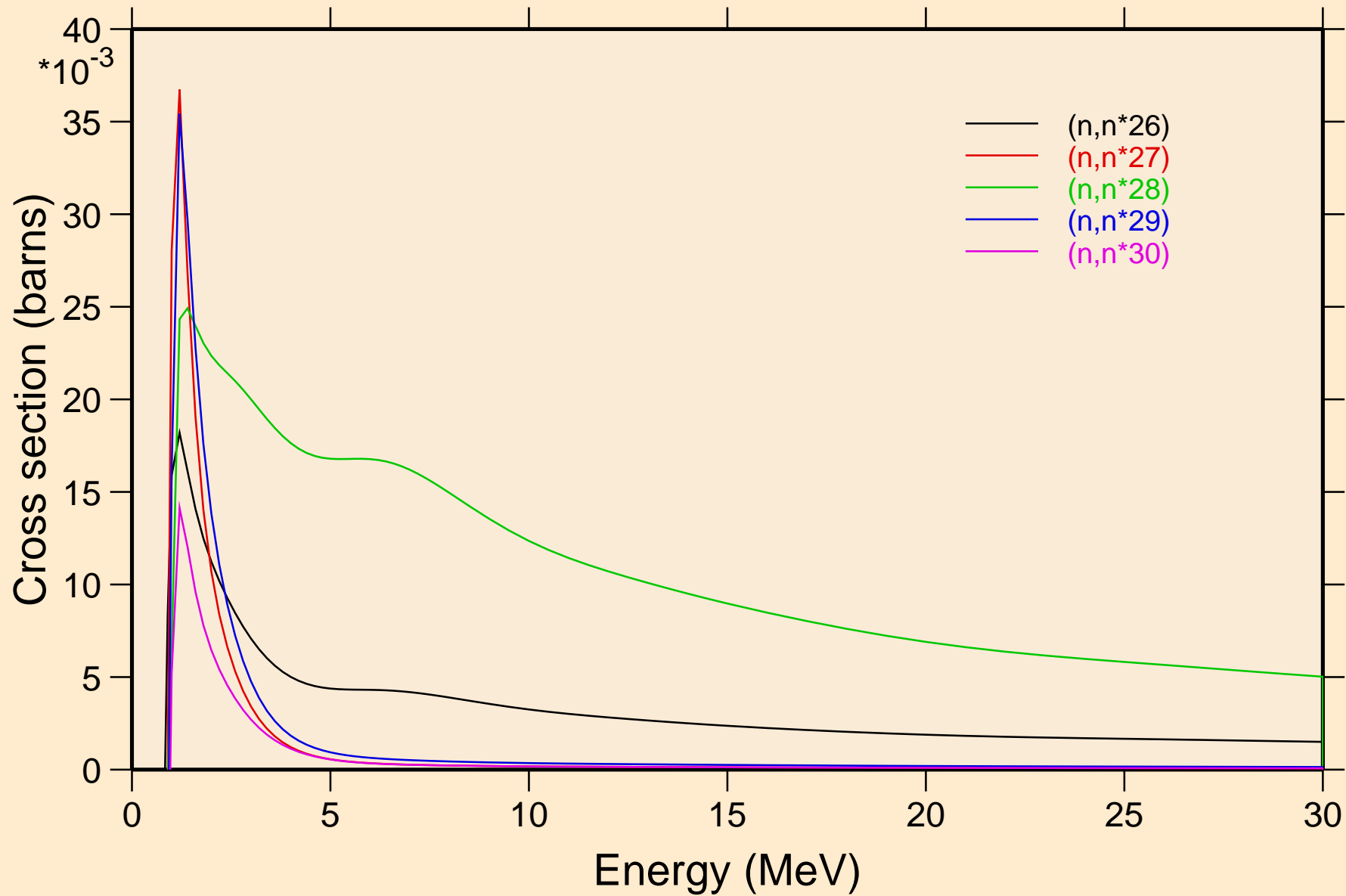
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

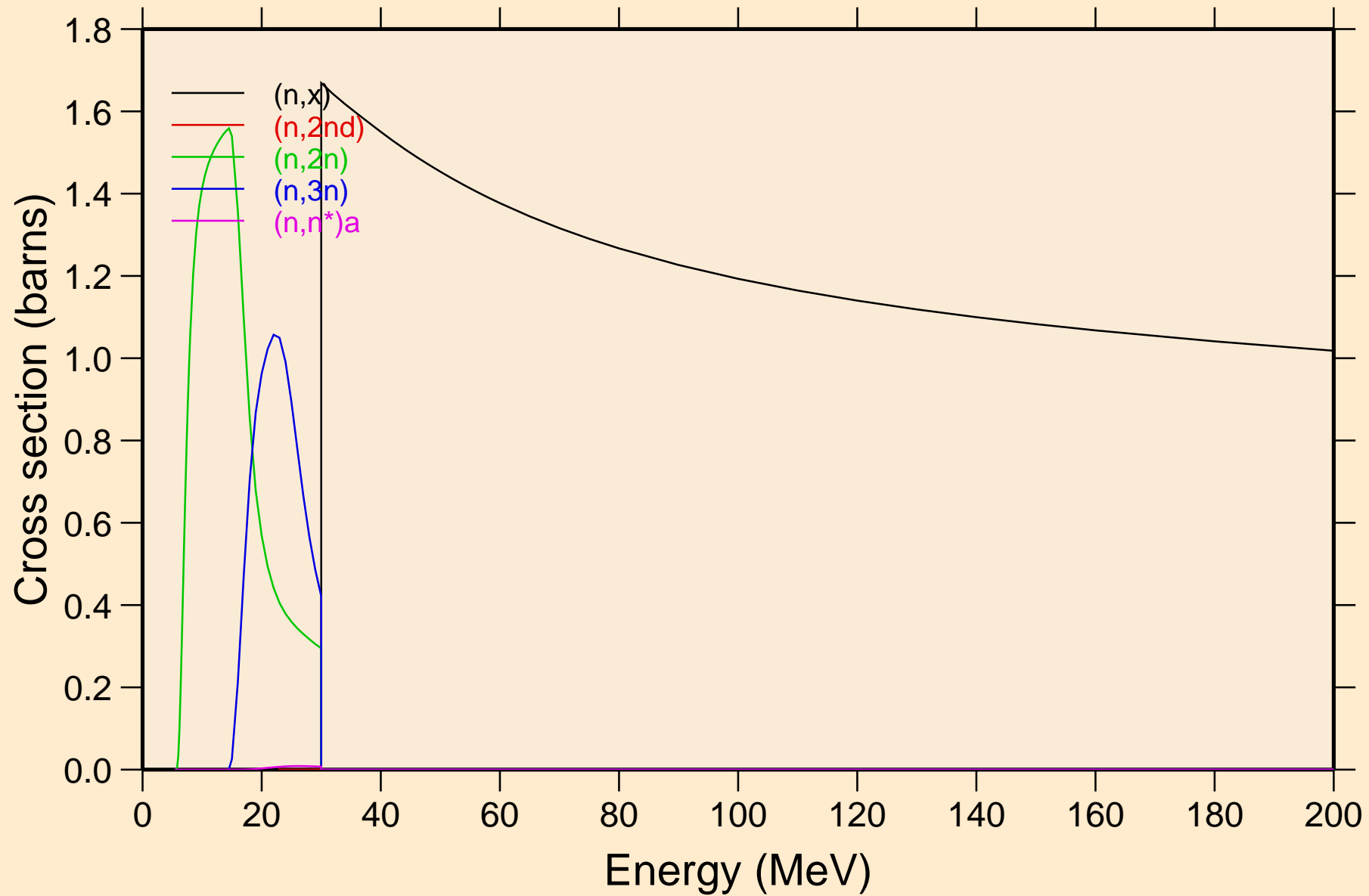


RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

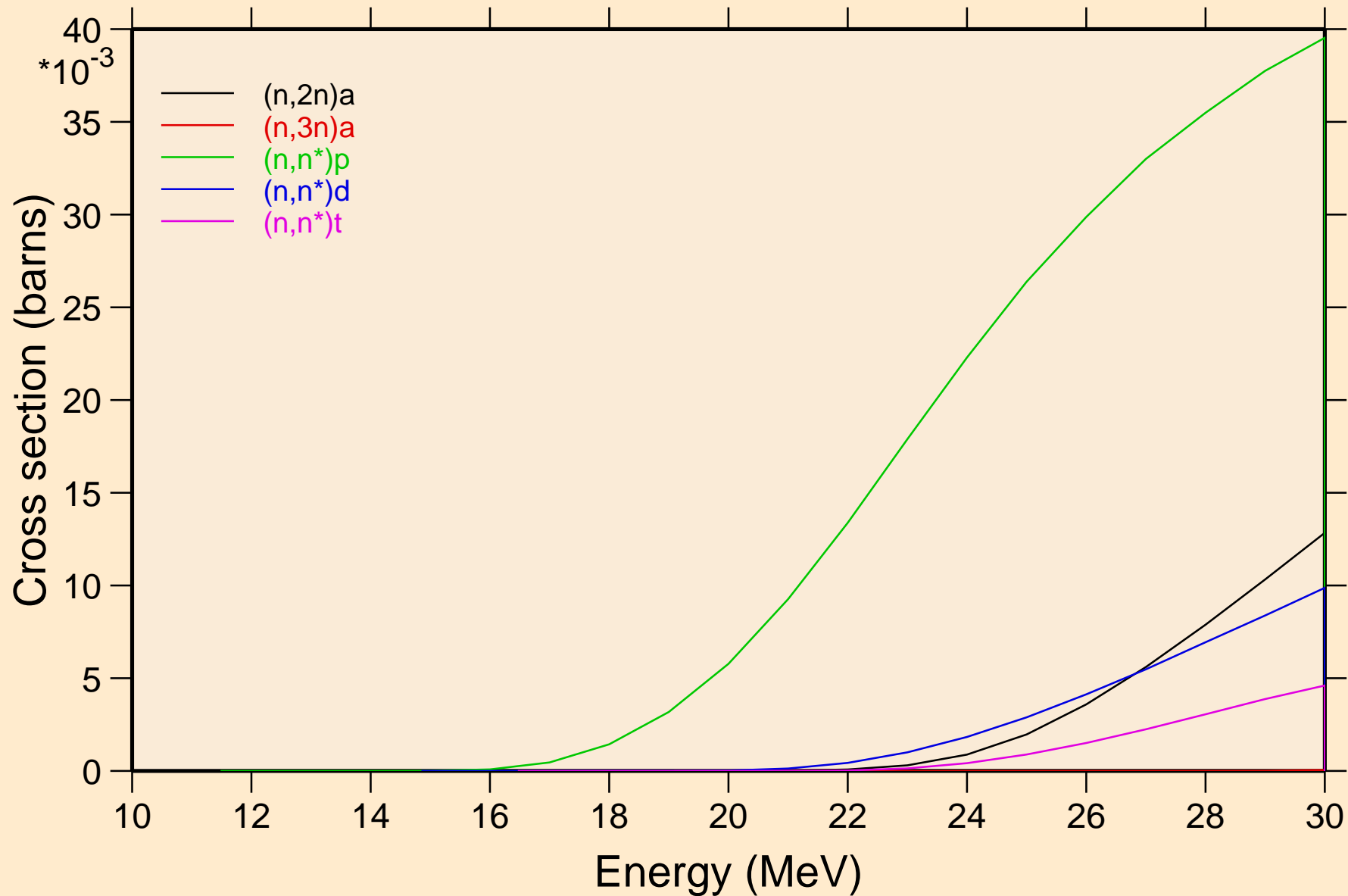


# RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

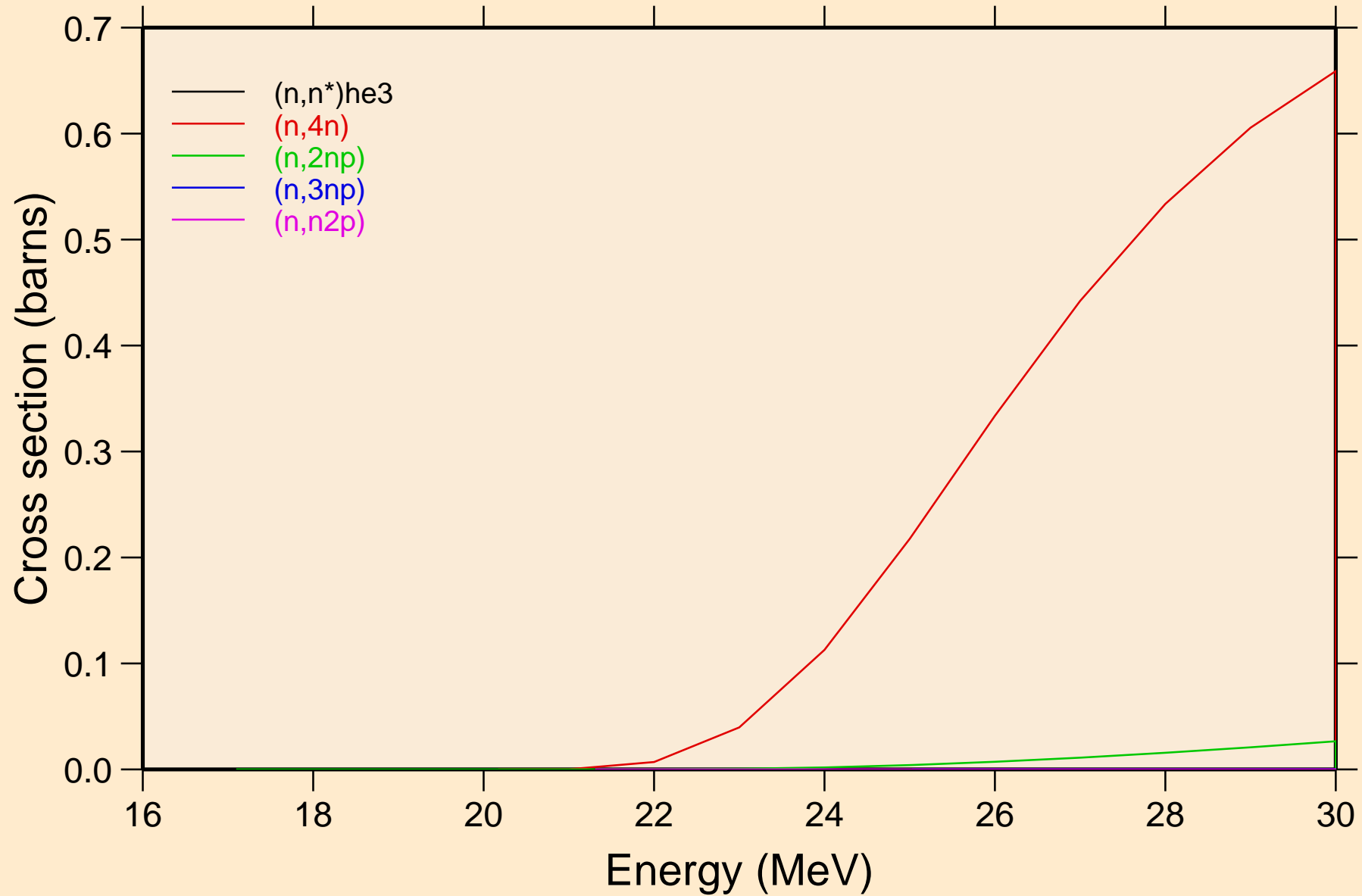
## Threshold reactions



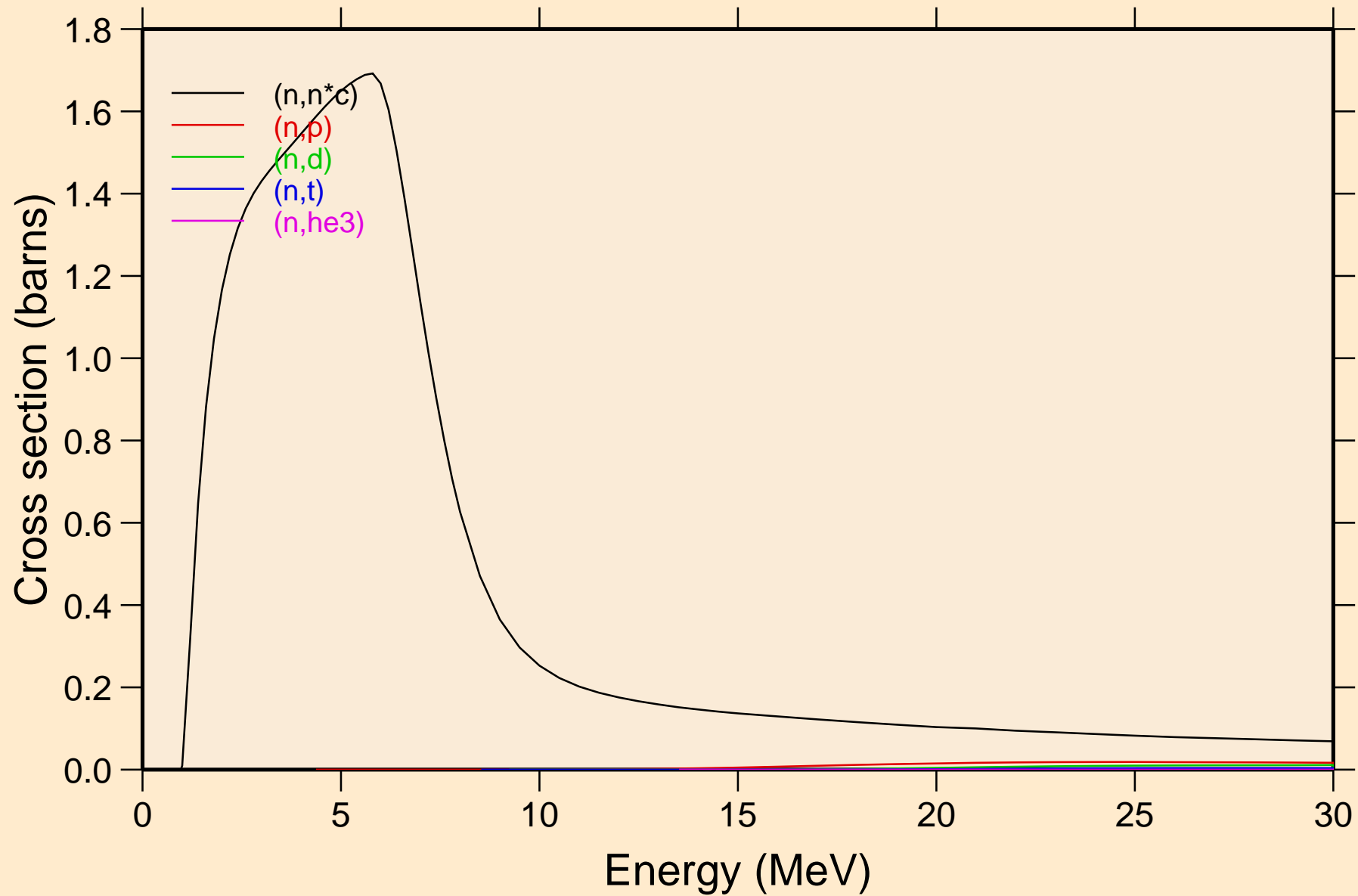
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

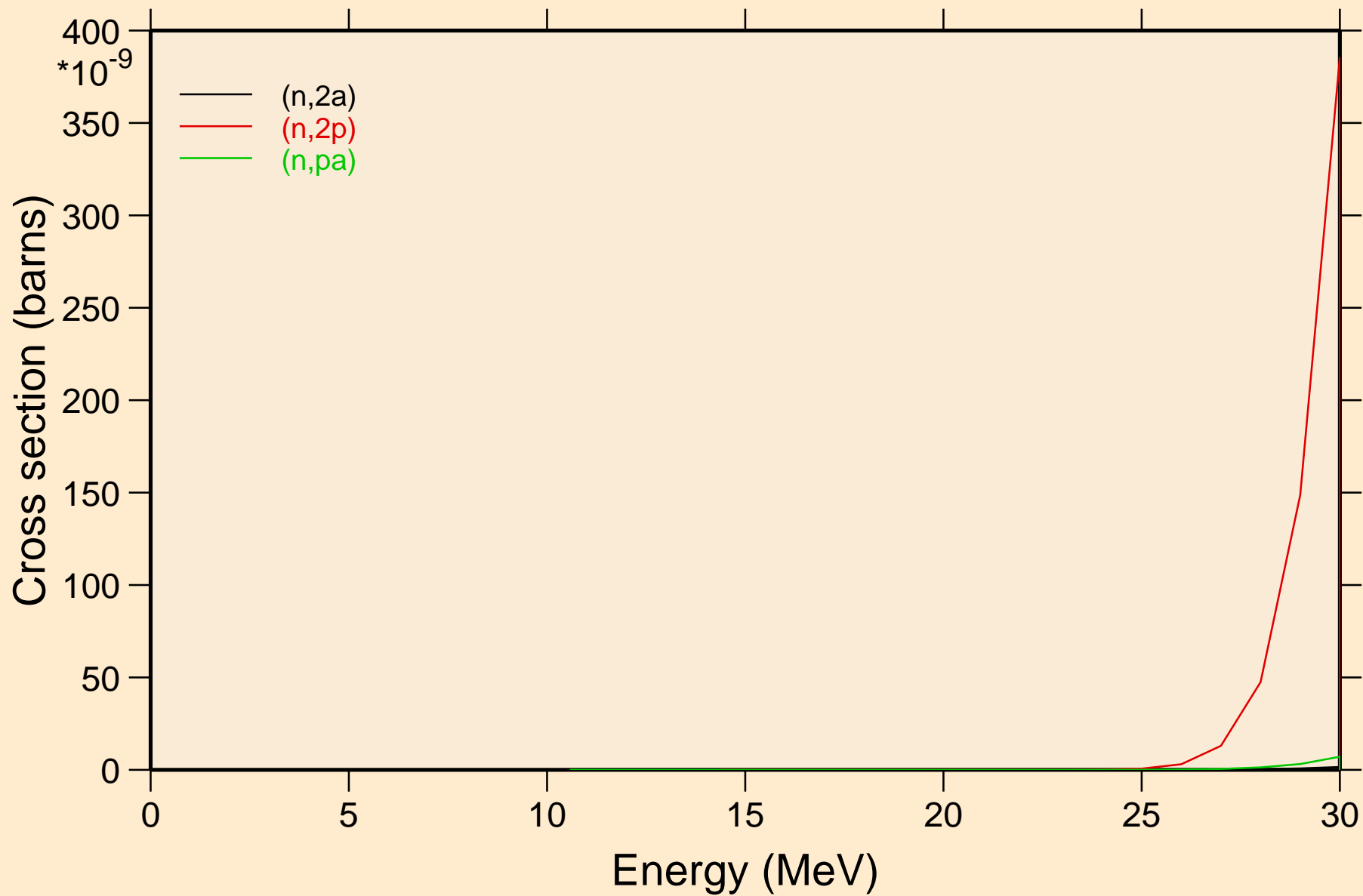


RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

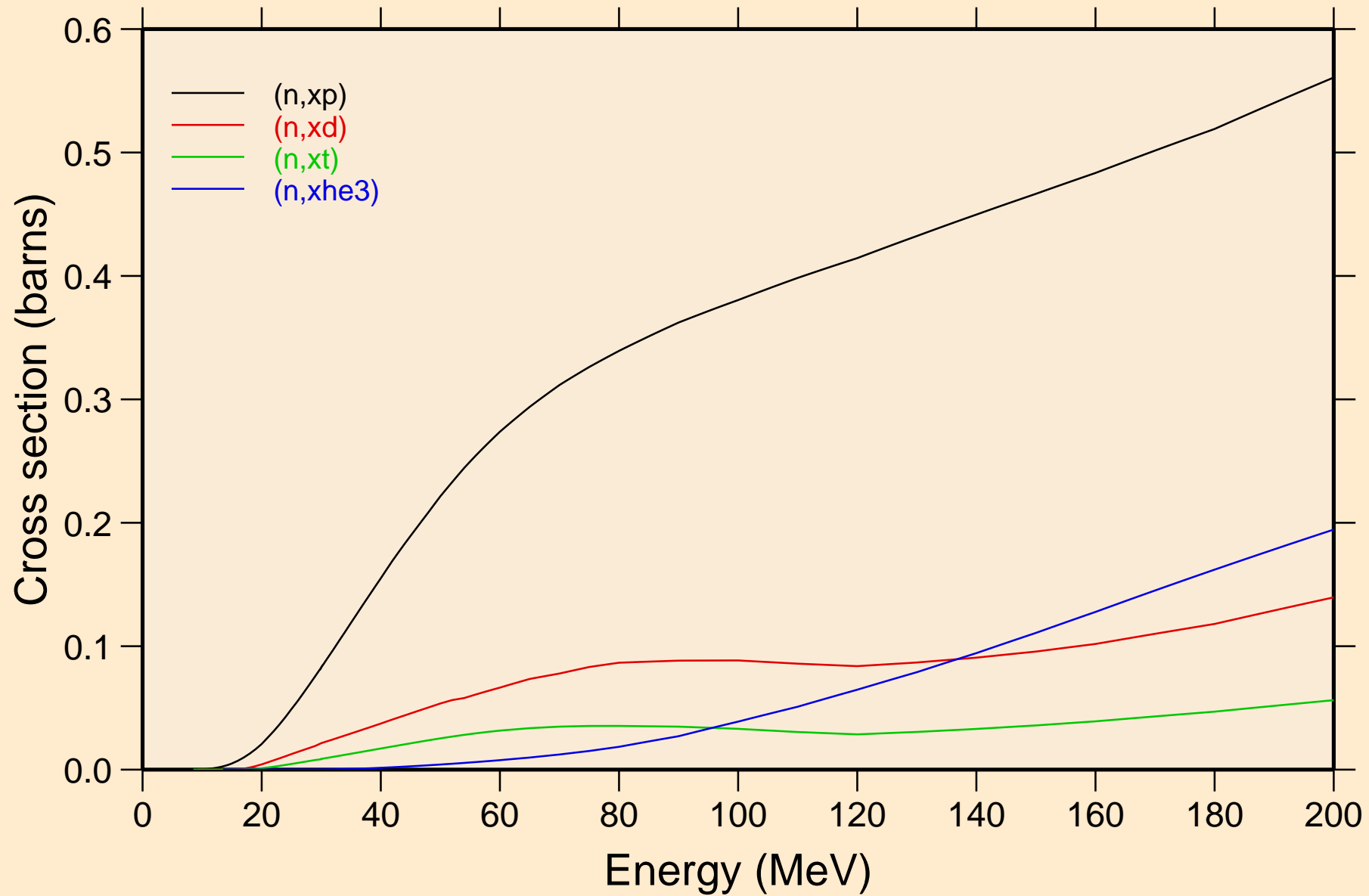


# RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

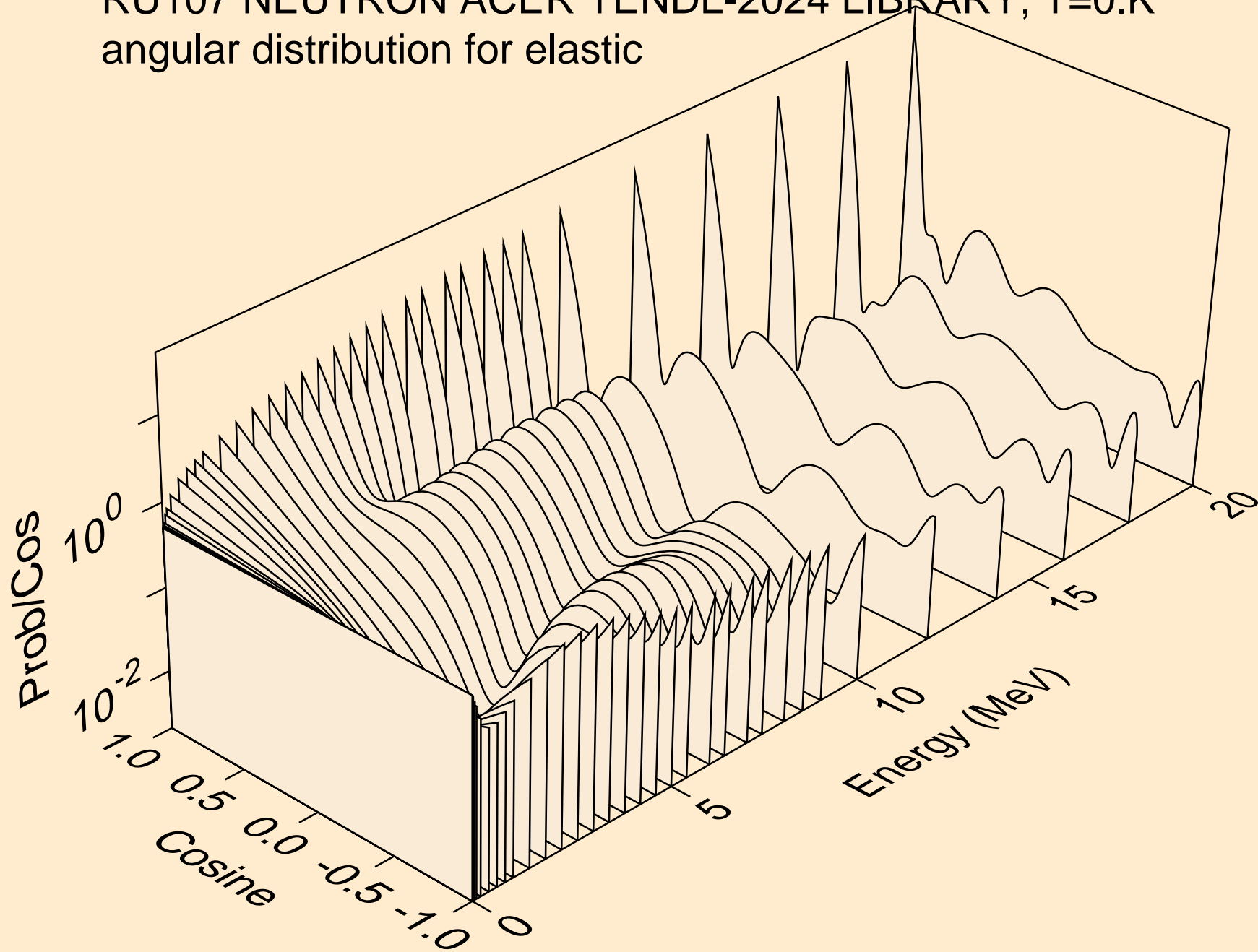
## Threshold reactions



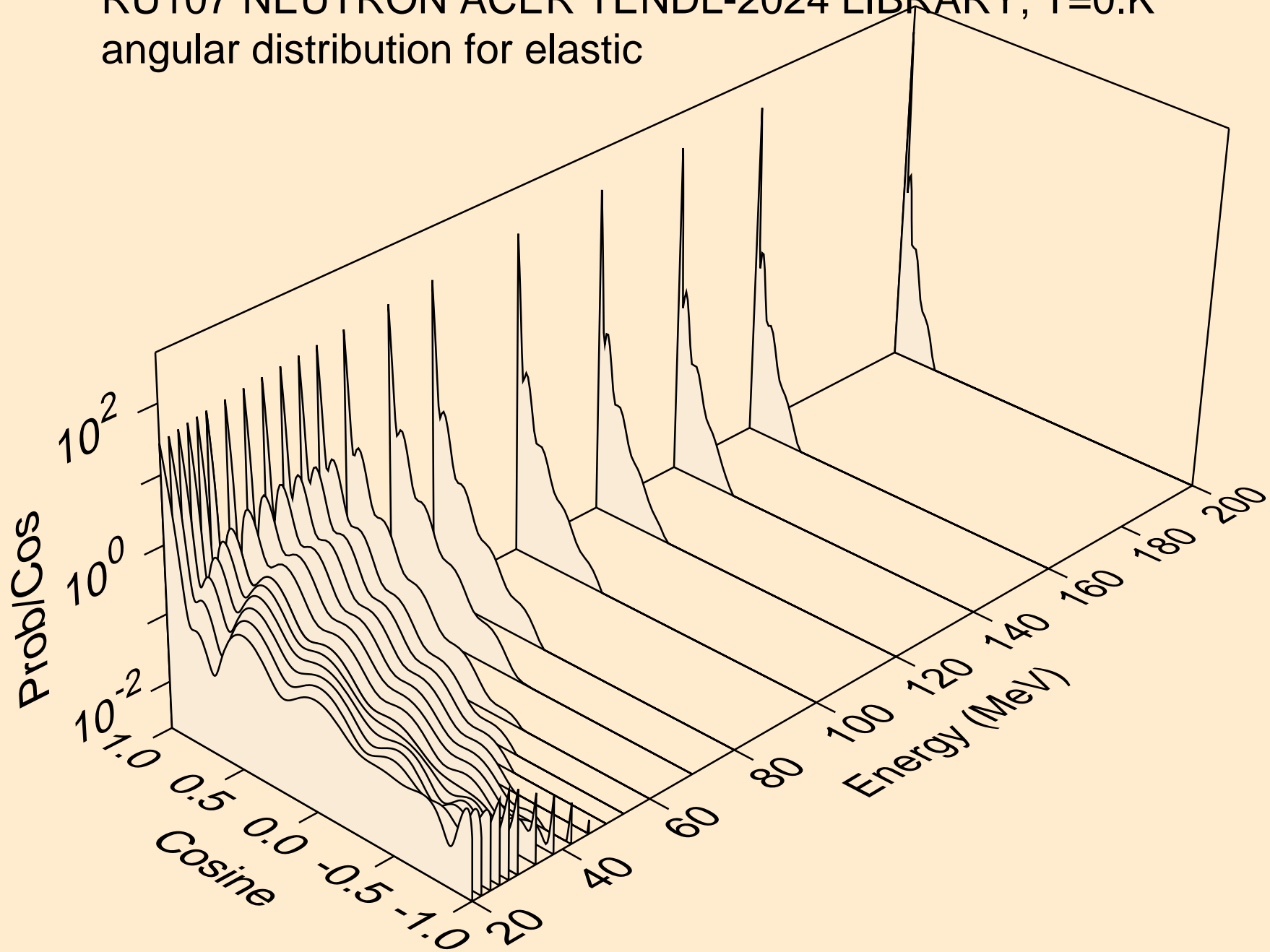
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



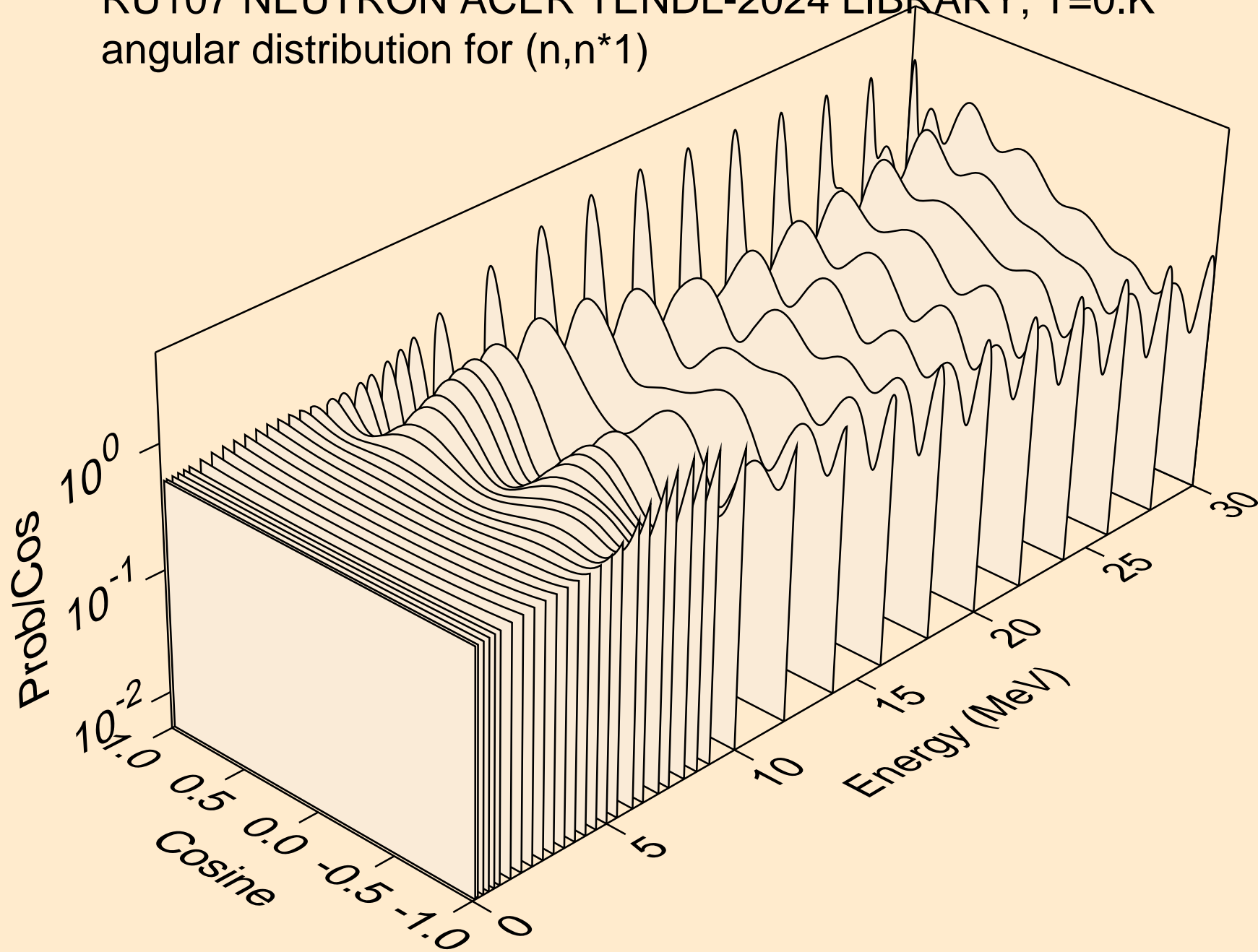
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



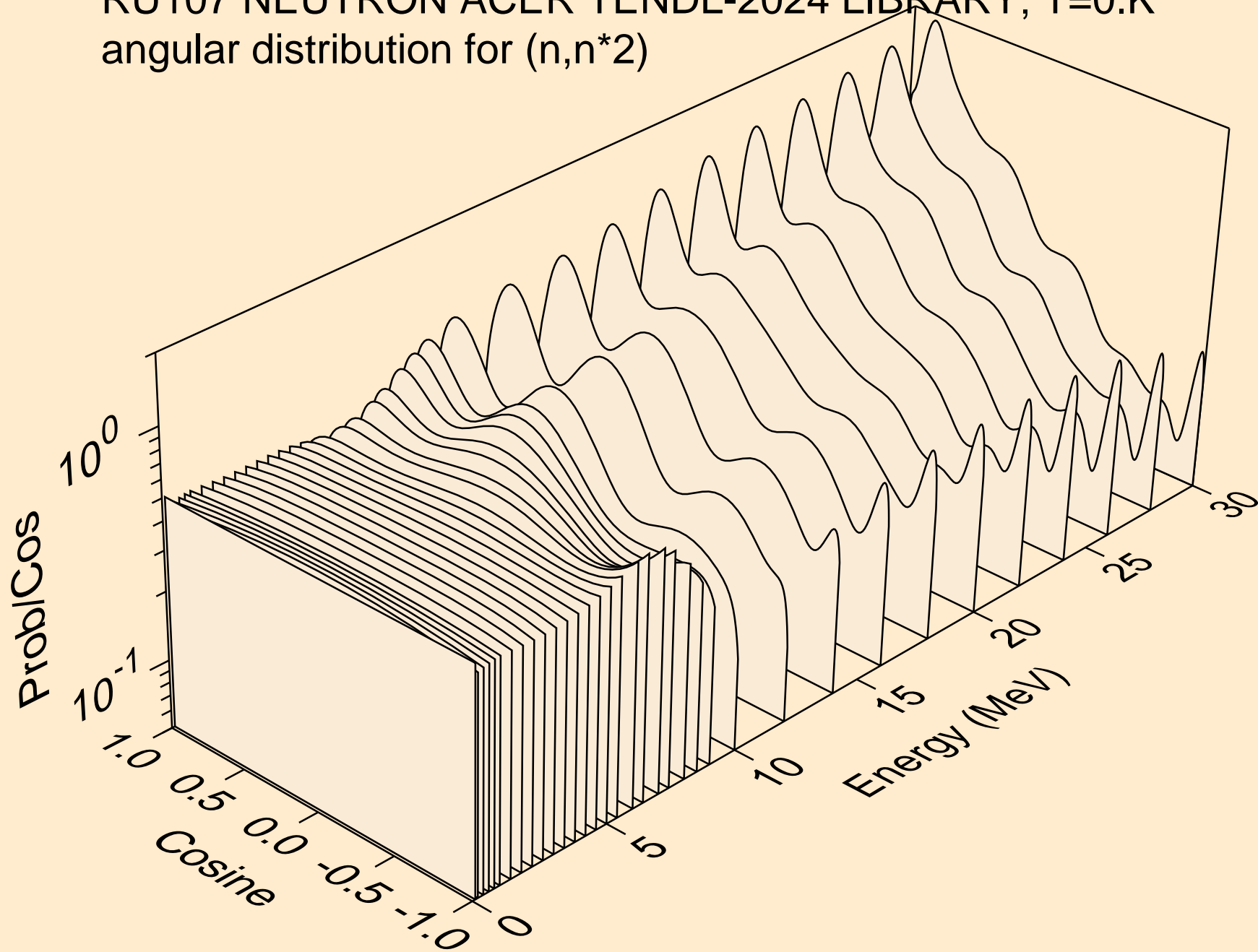
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



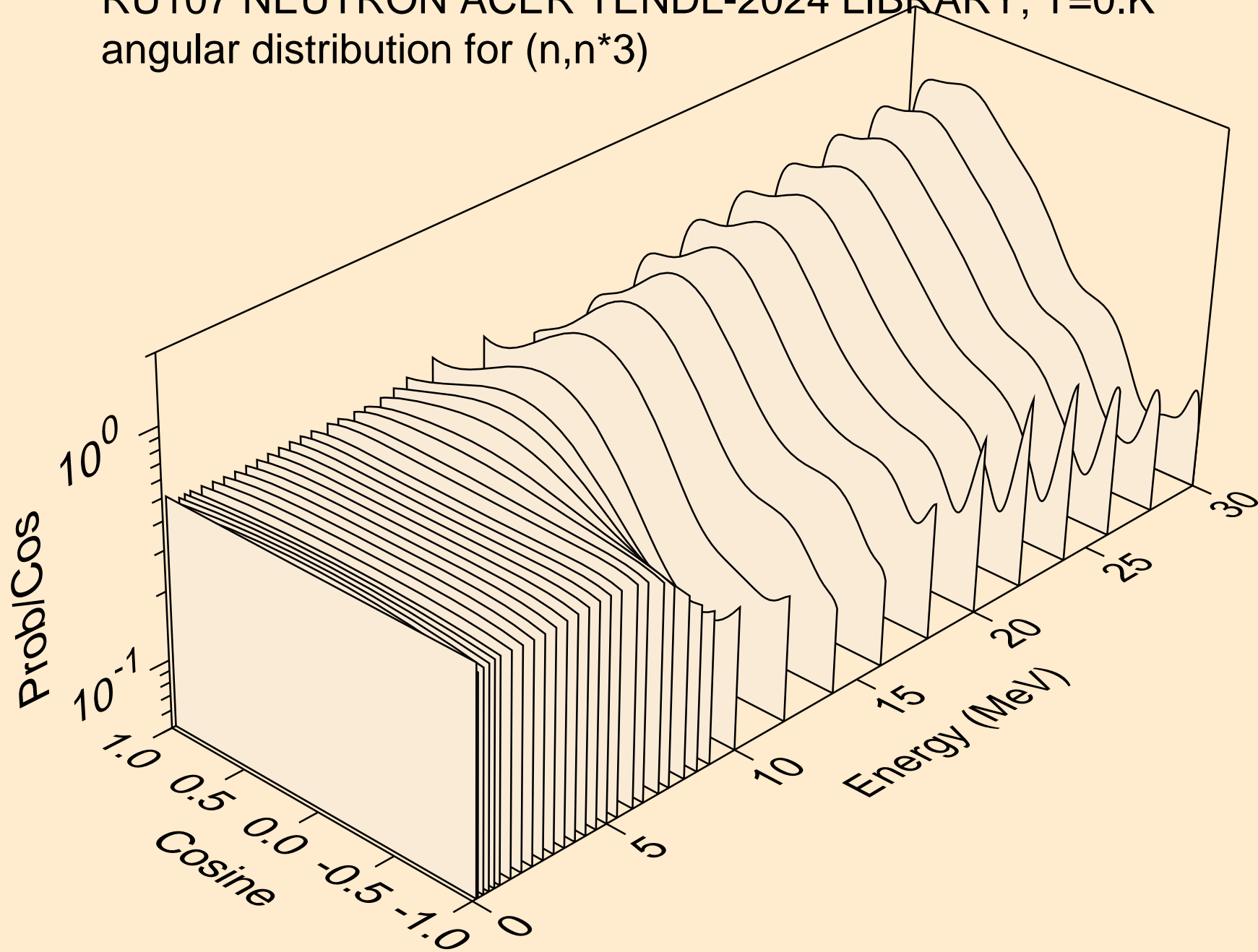
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



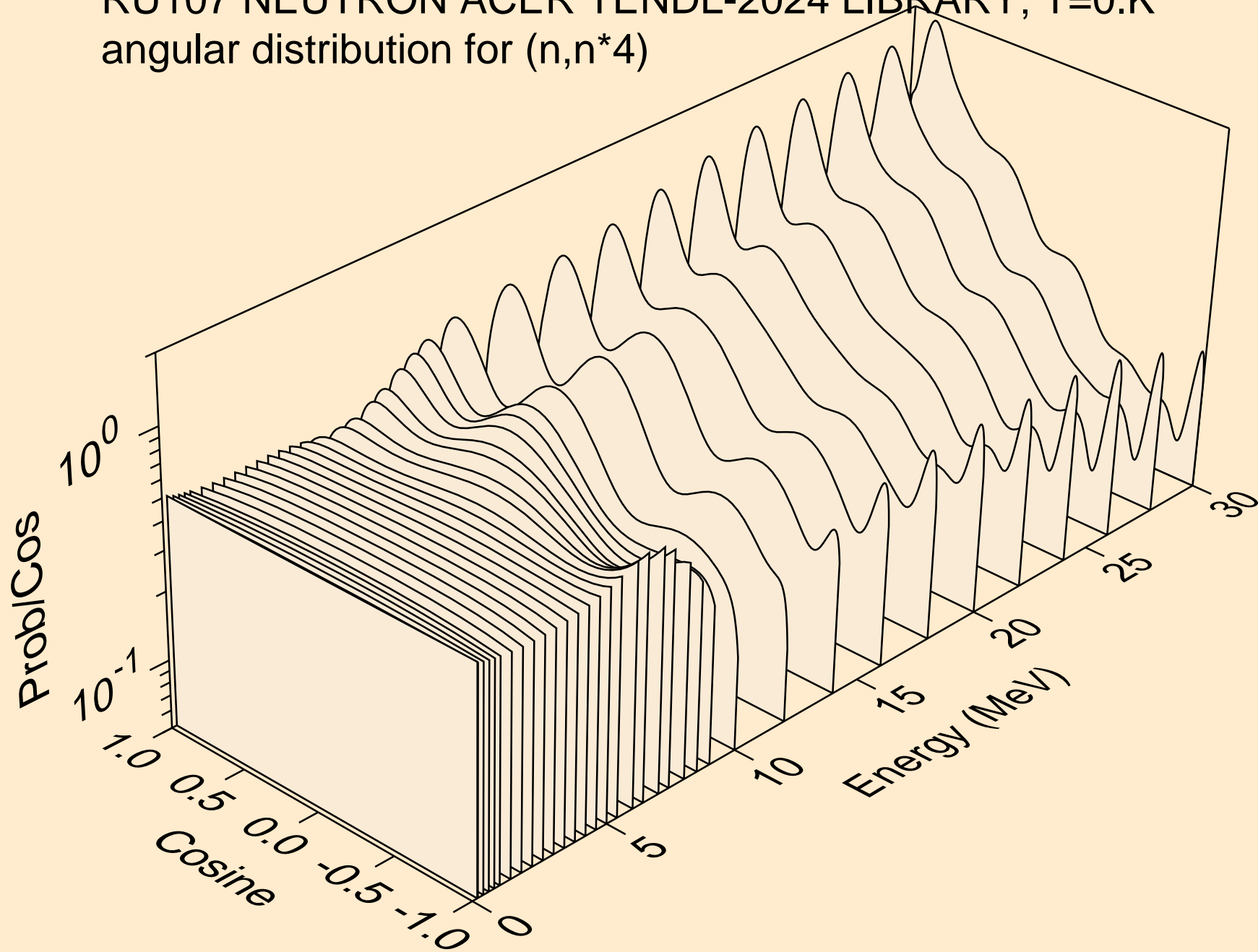
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



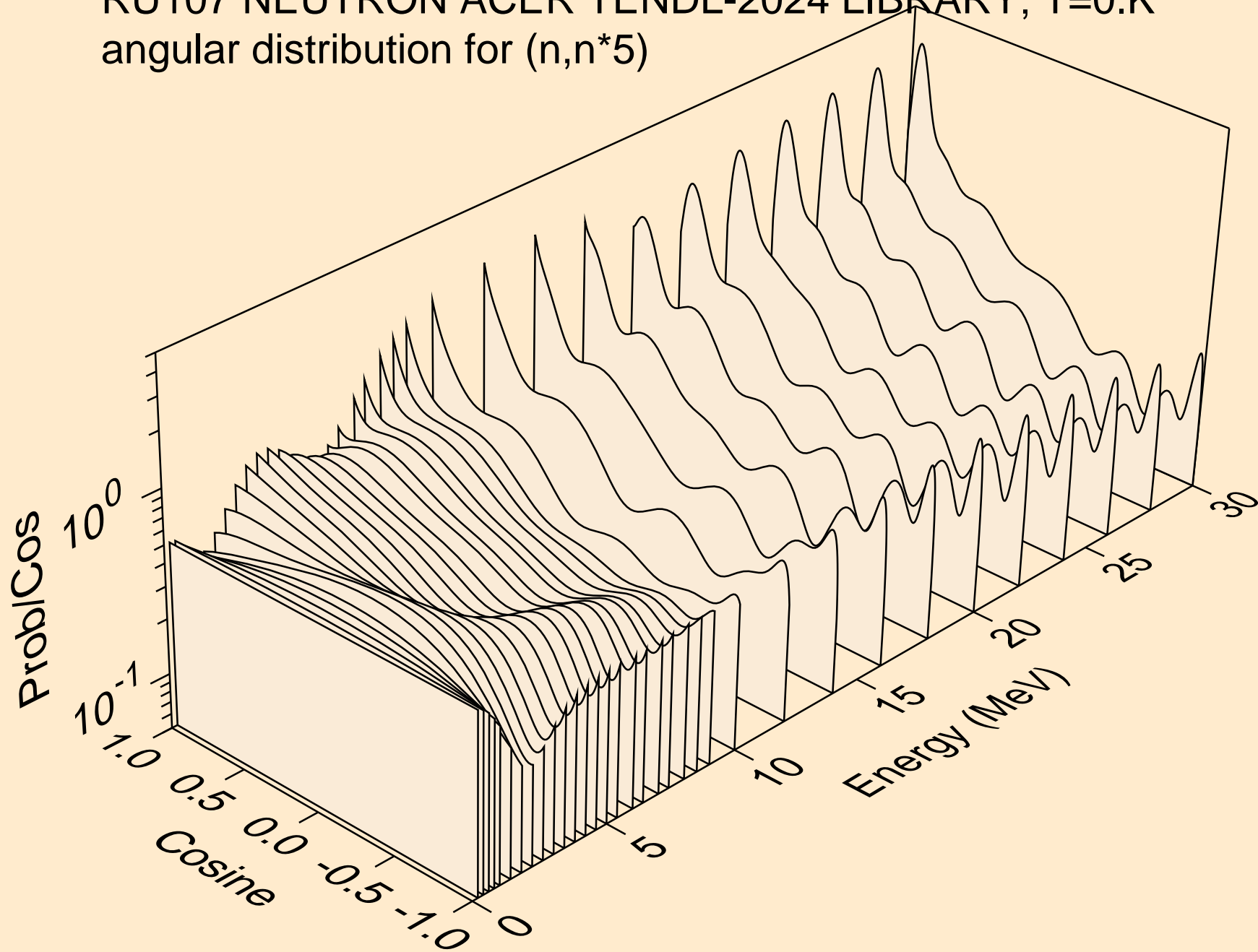
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



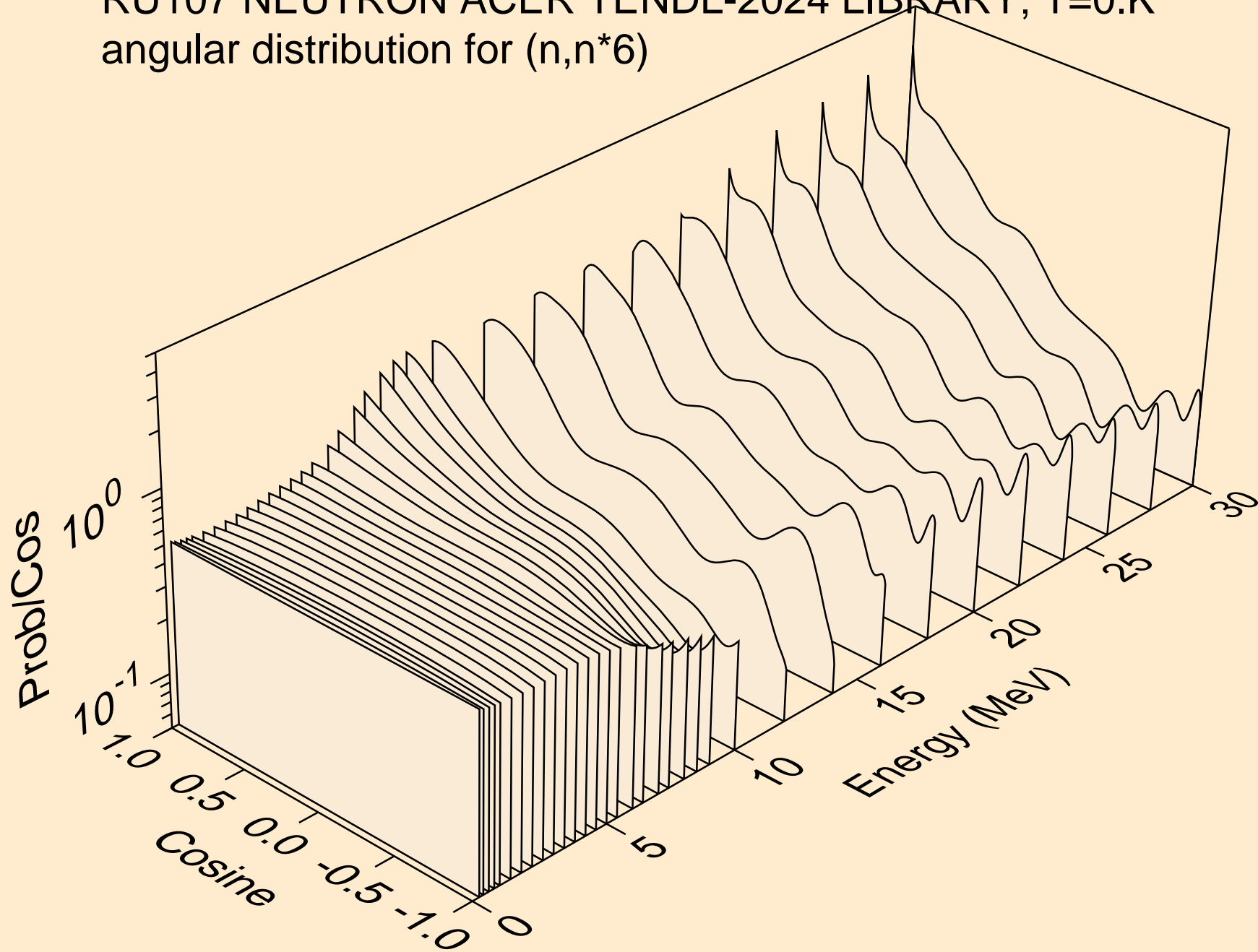
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



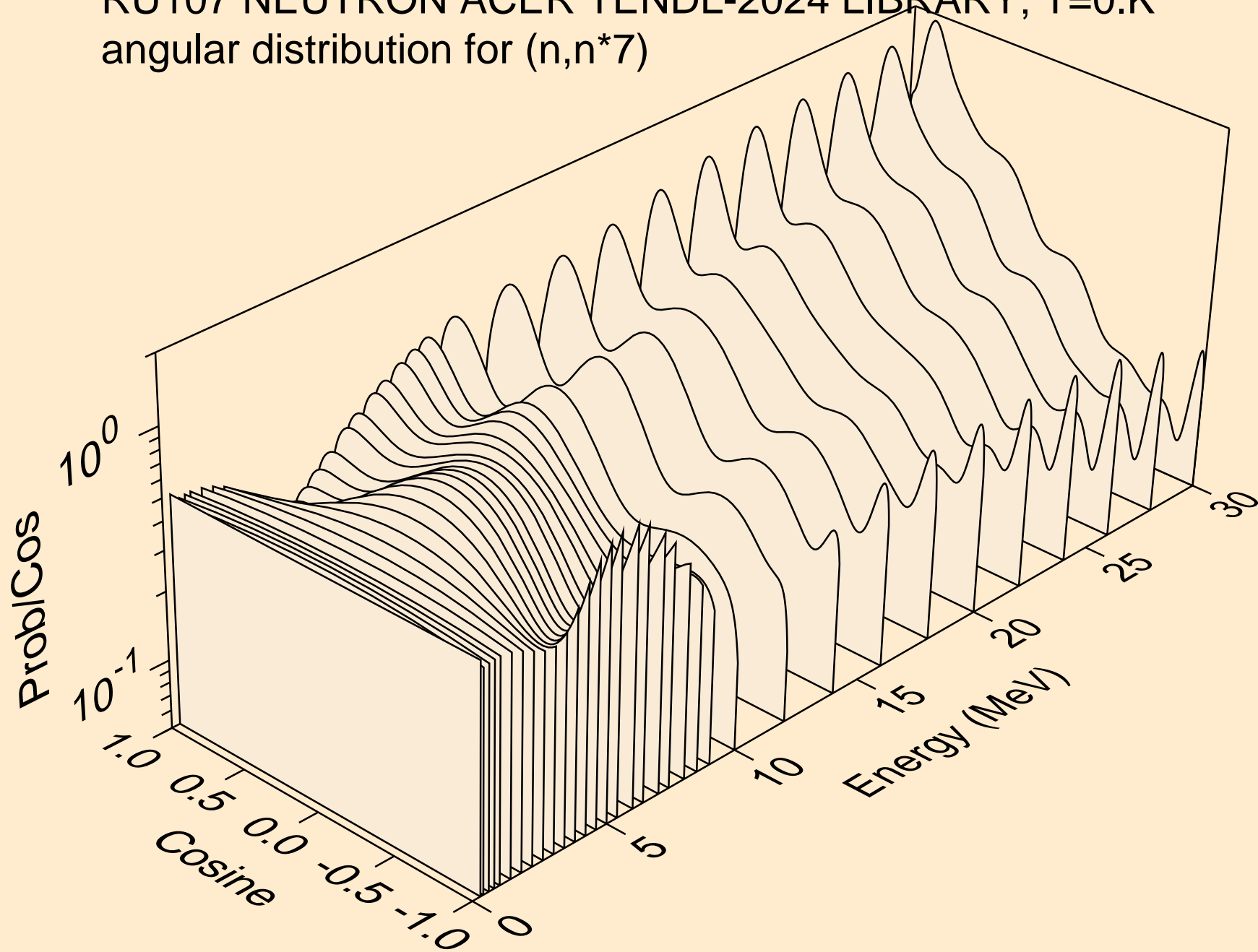
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



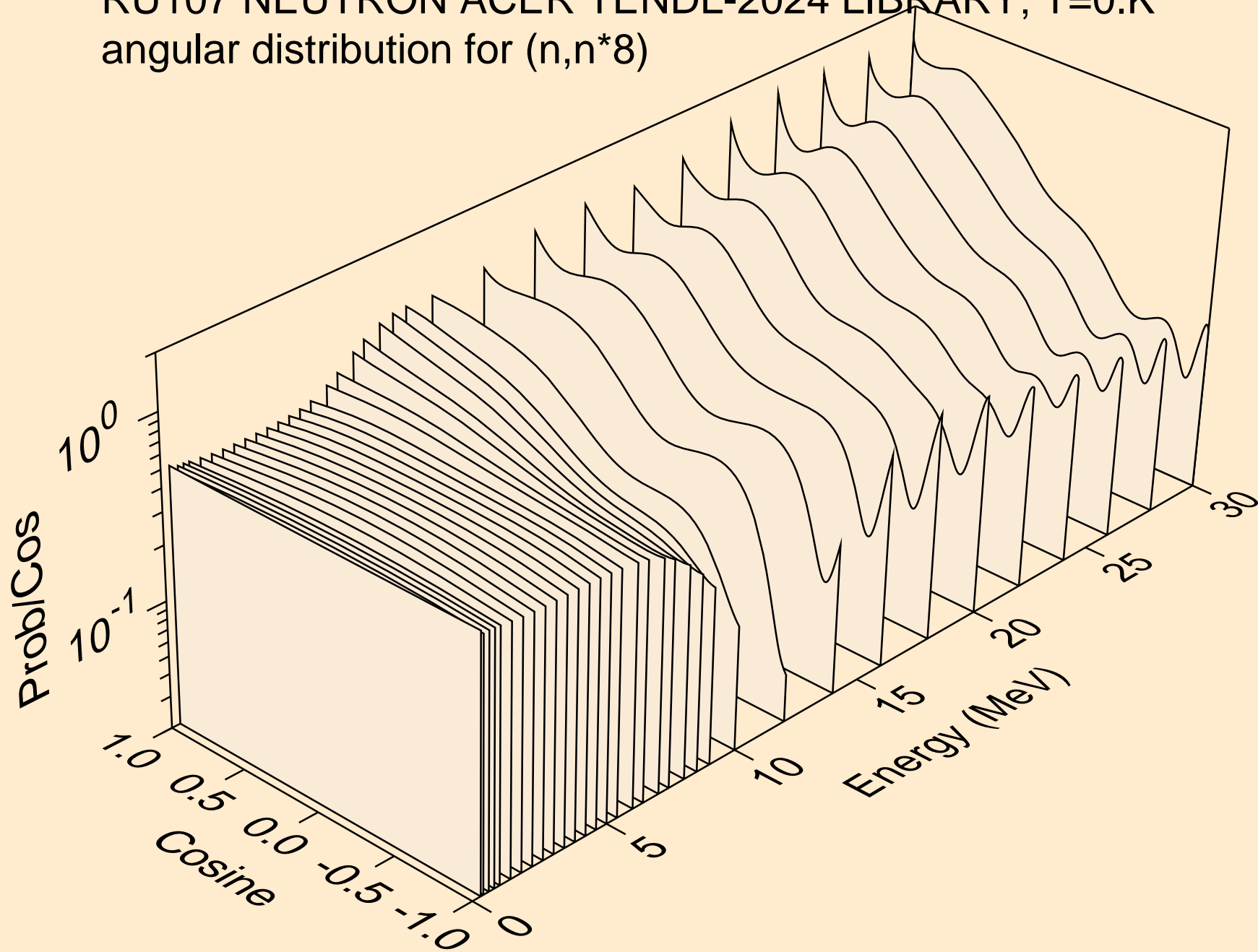
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



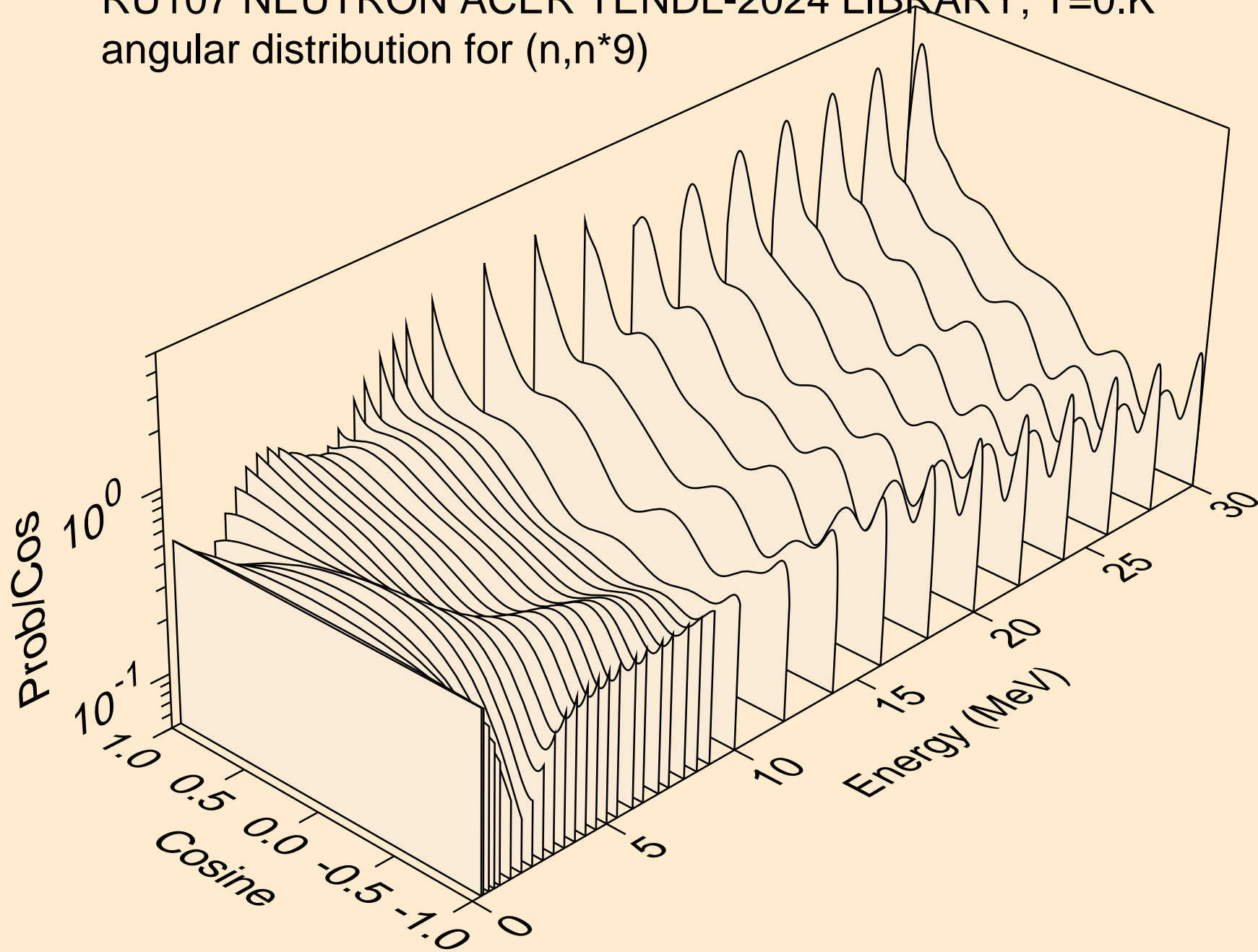
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



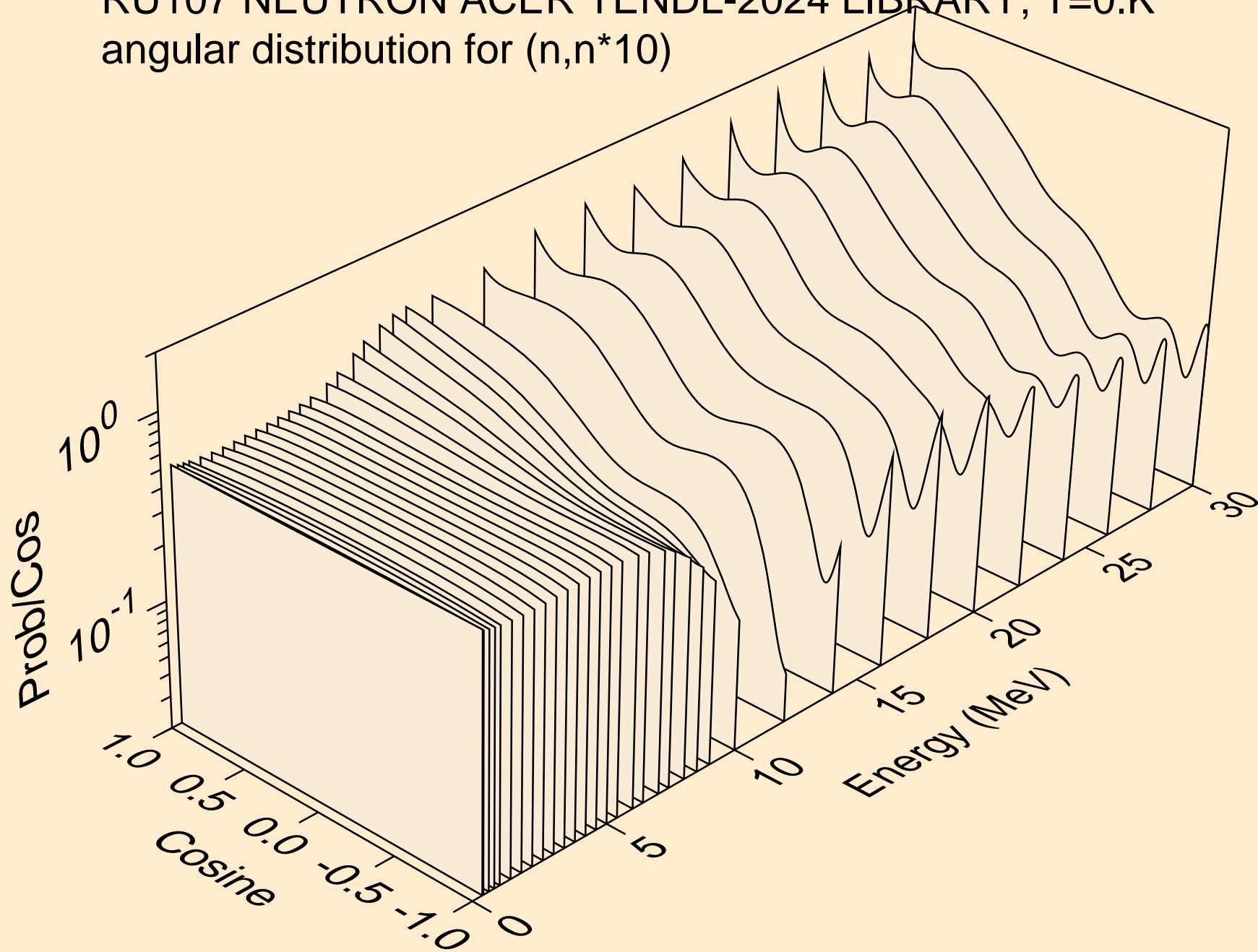
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



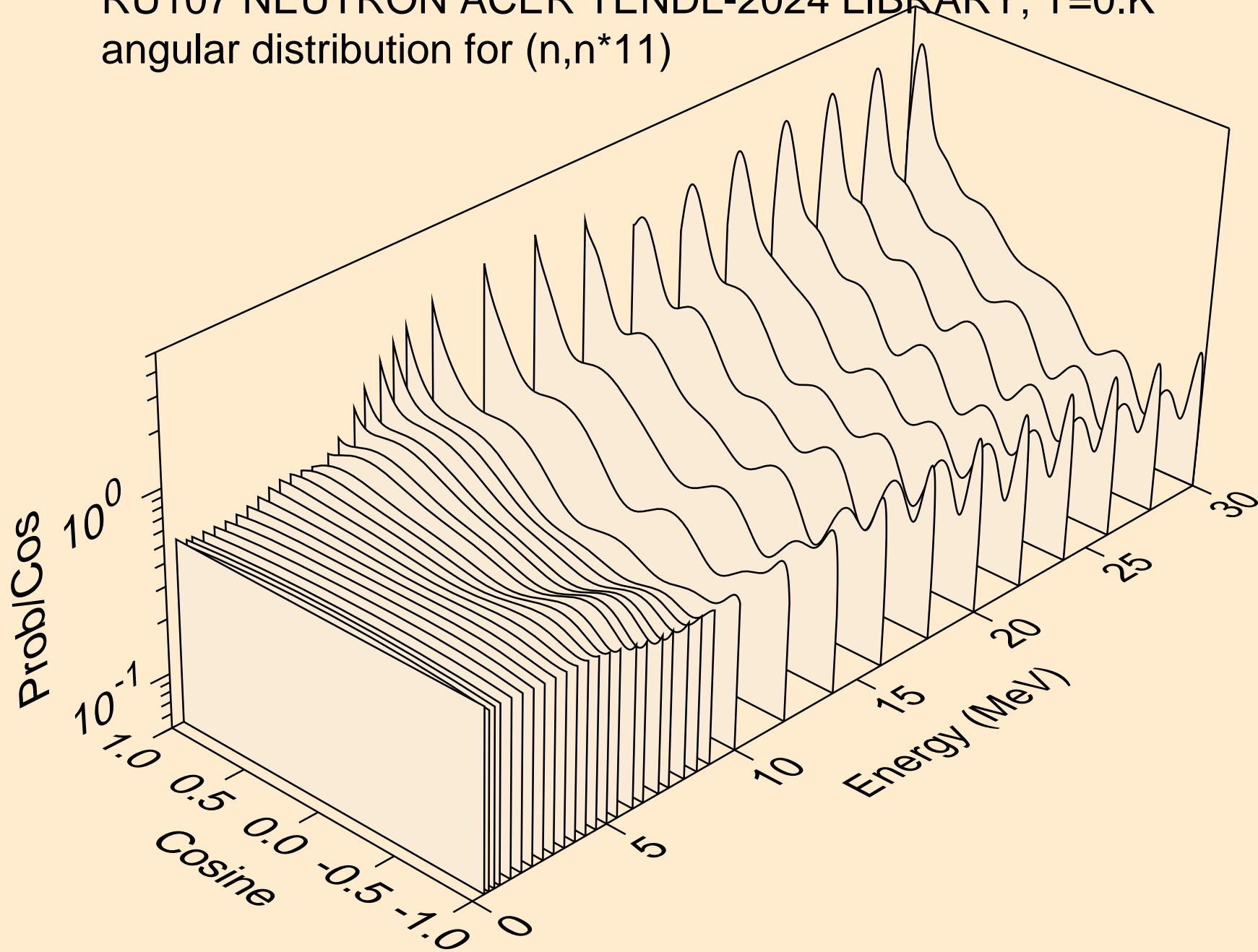
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



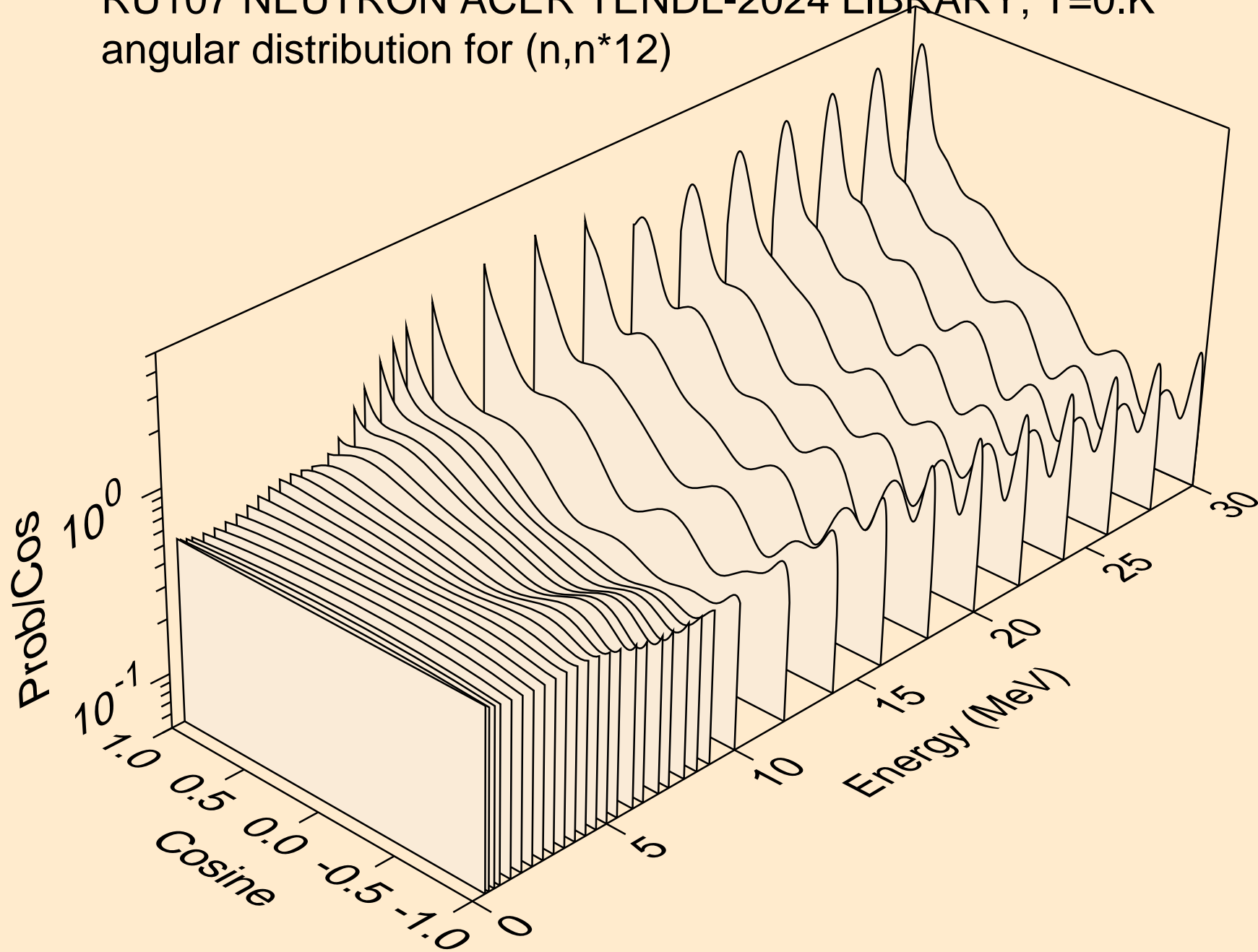
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



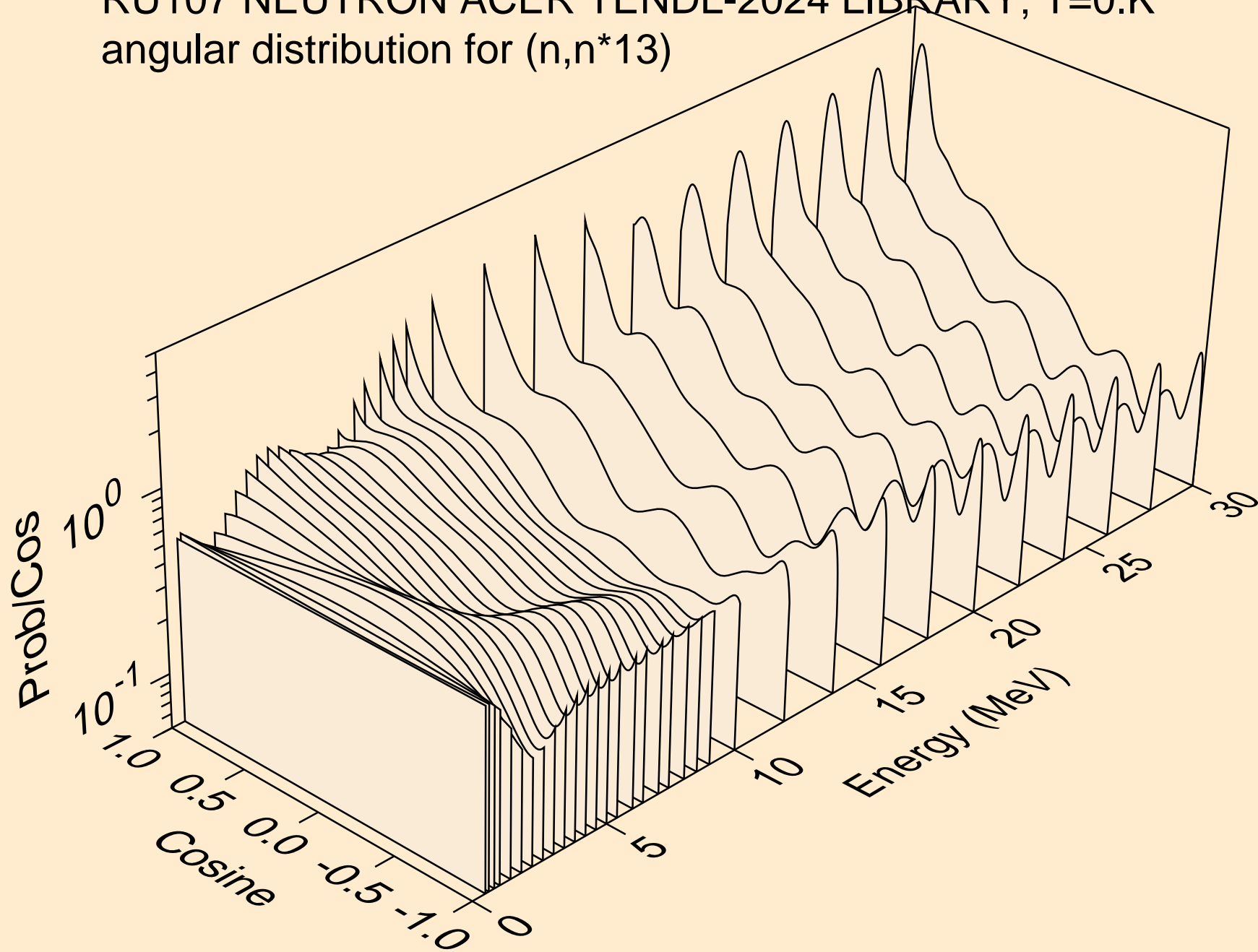
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



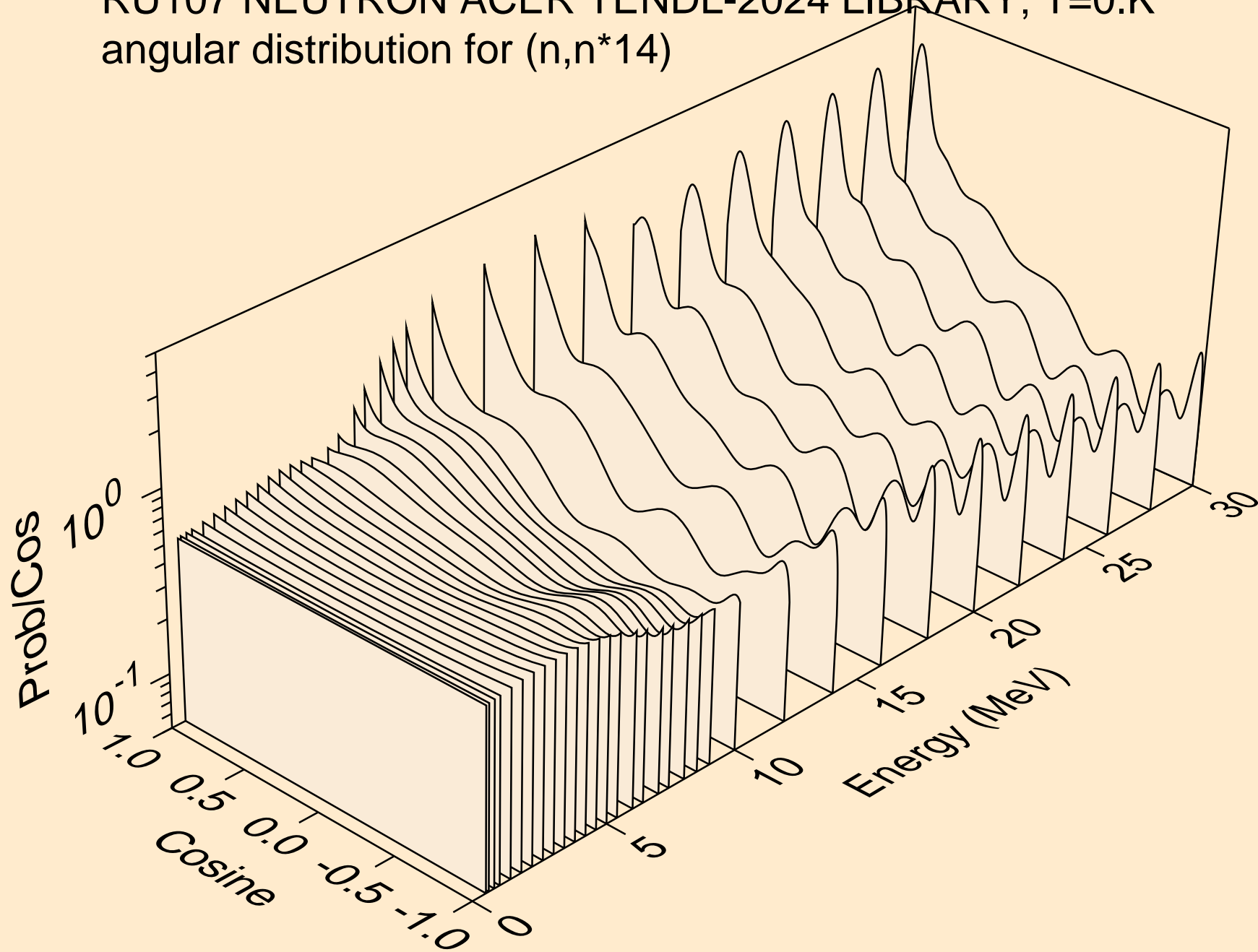
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



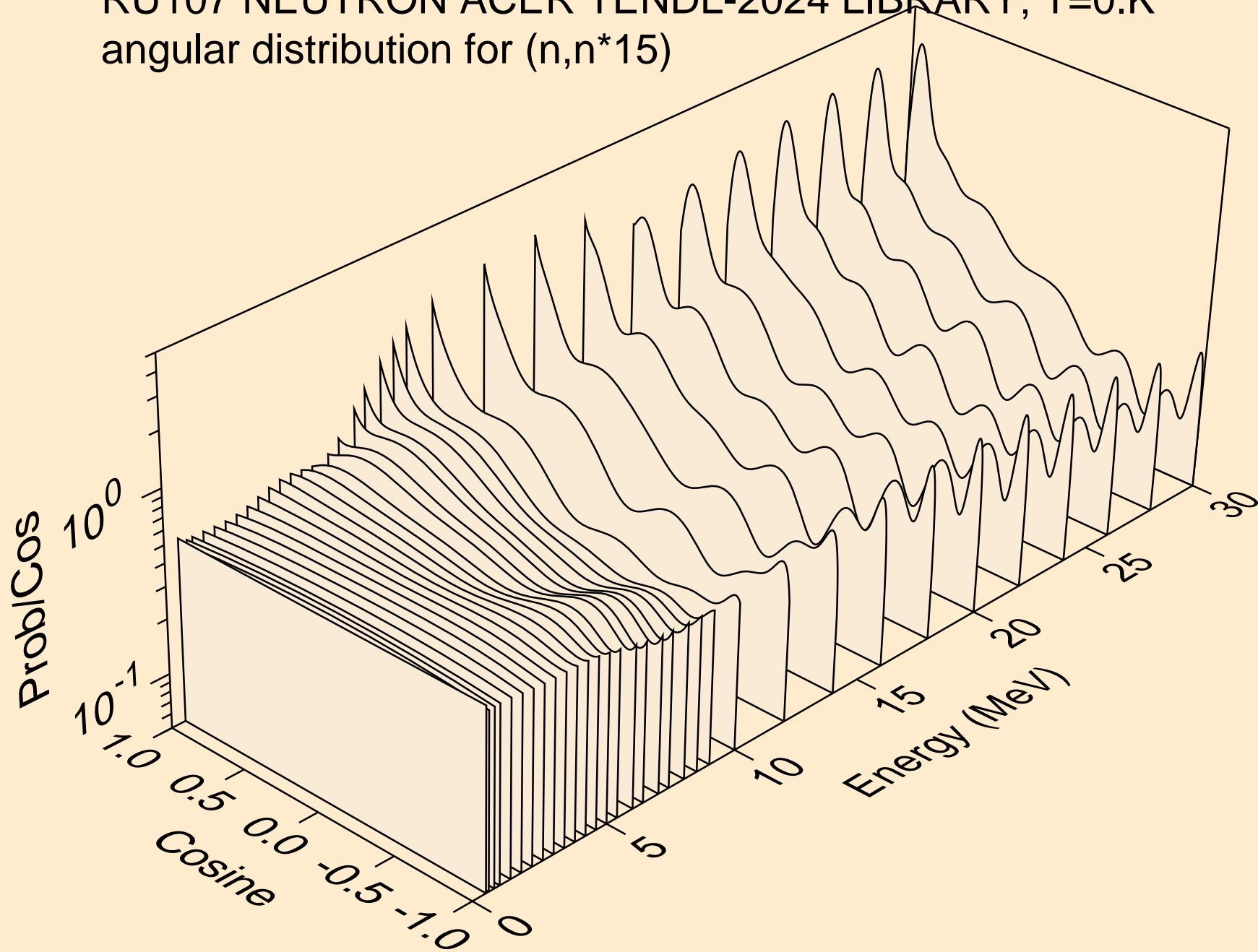
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



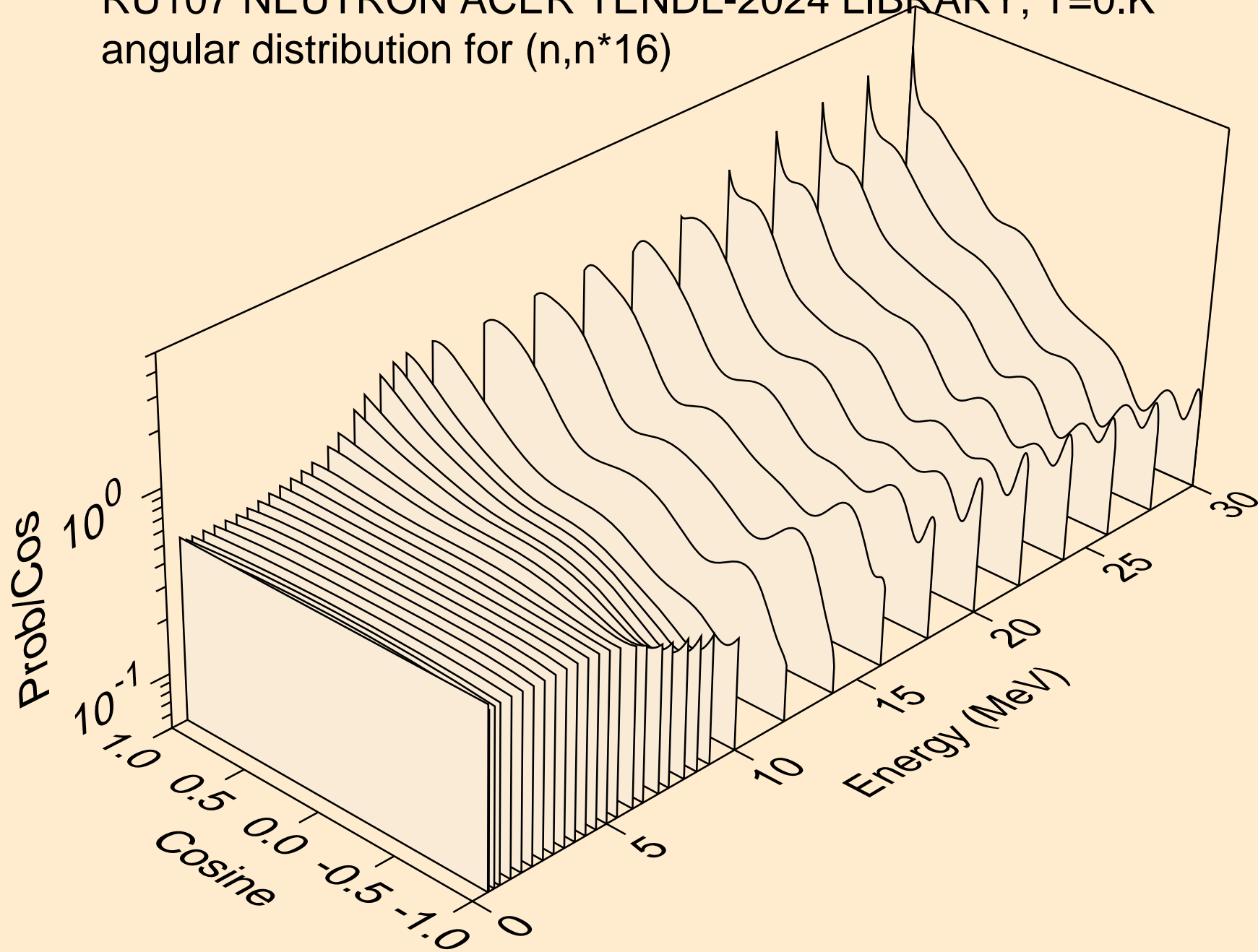
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



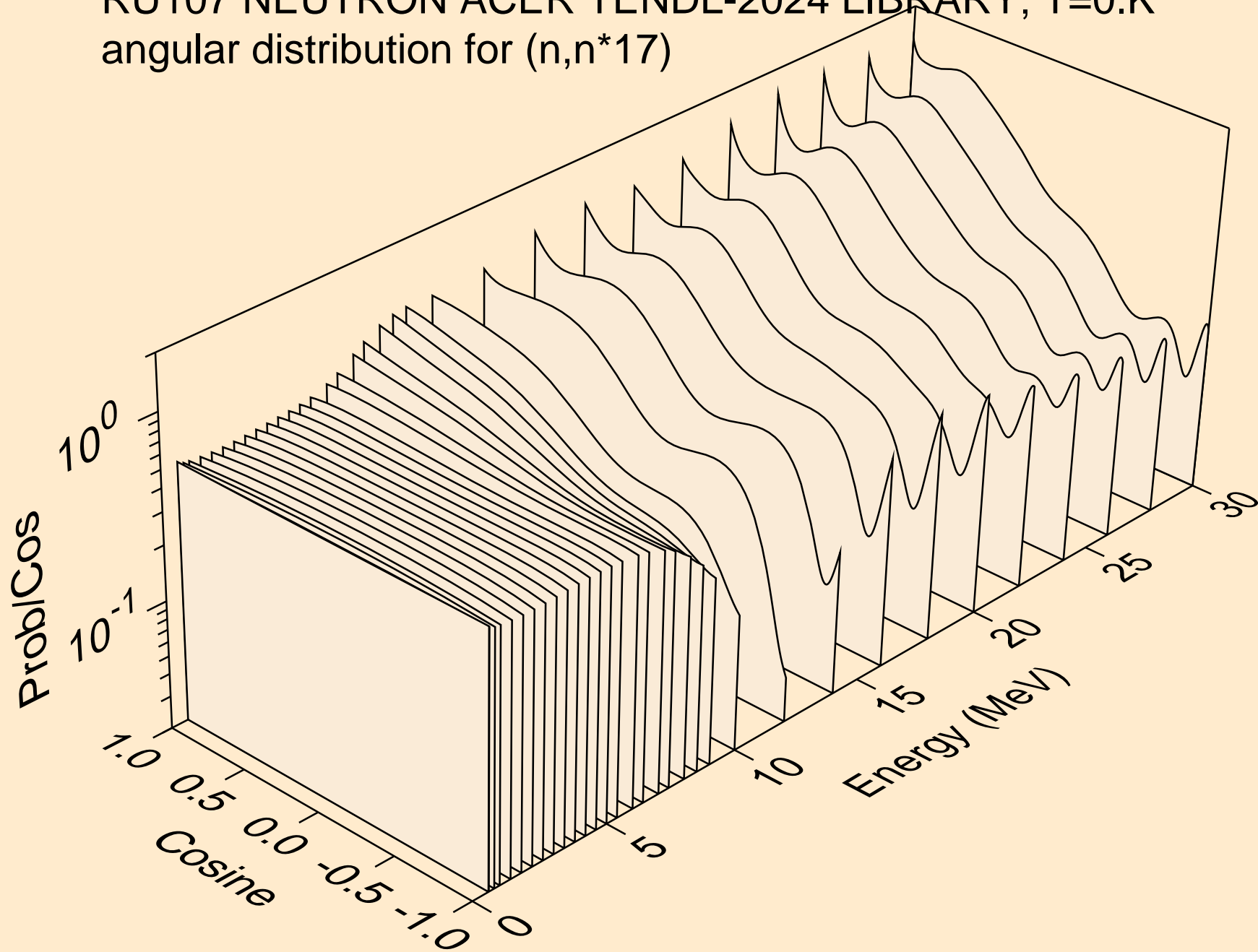
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



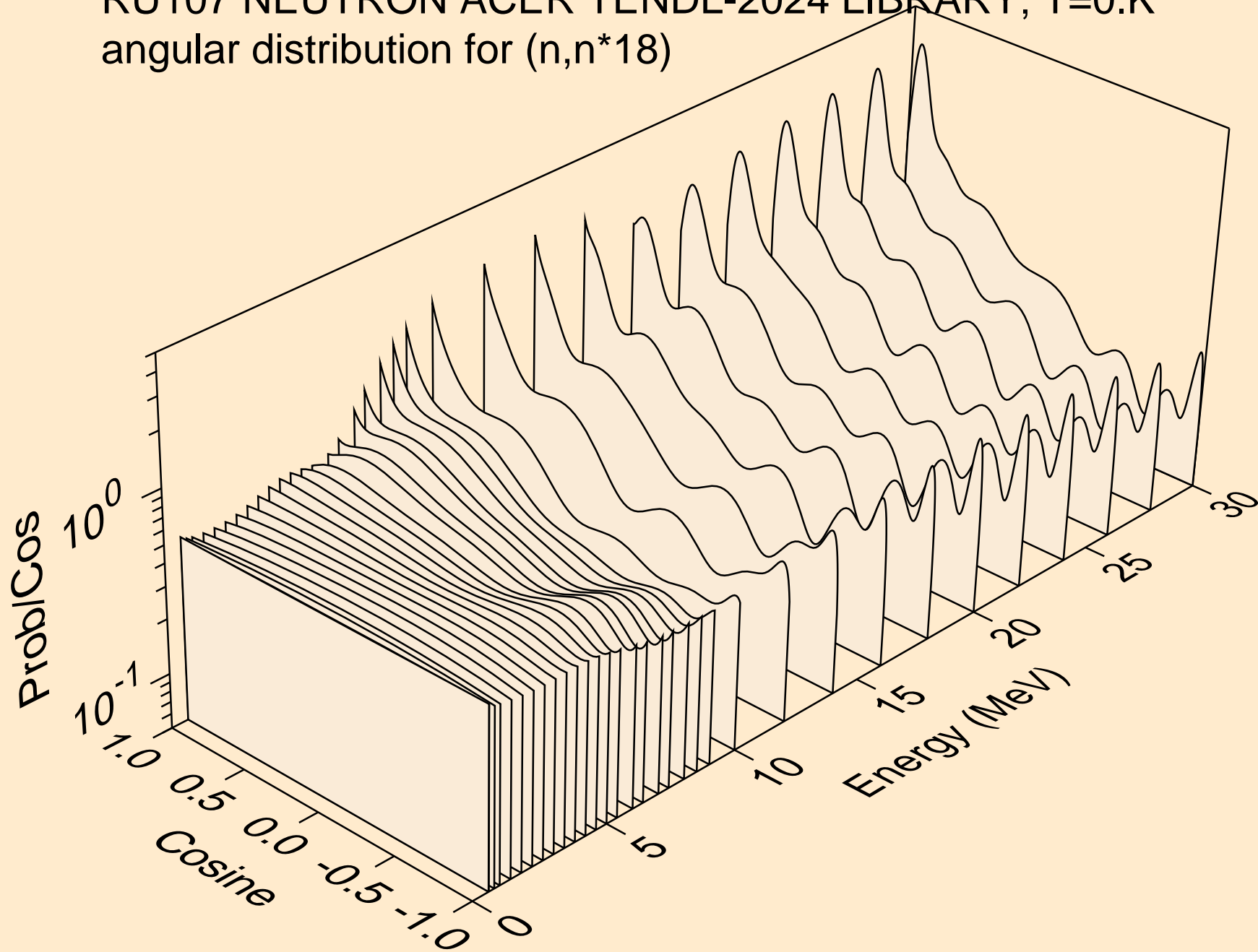
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



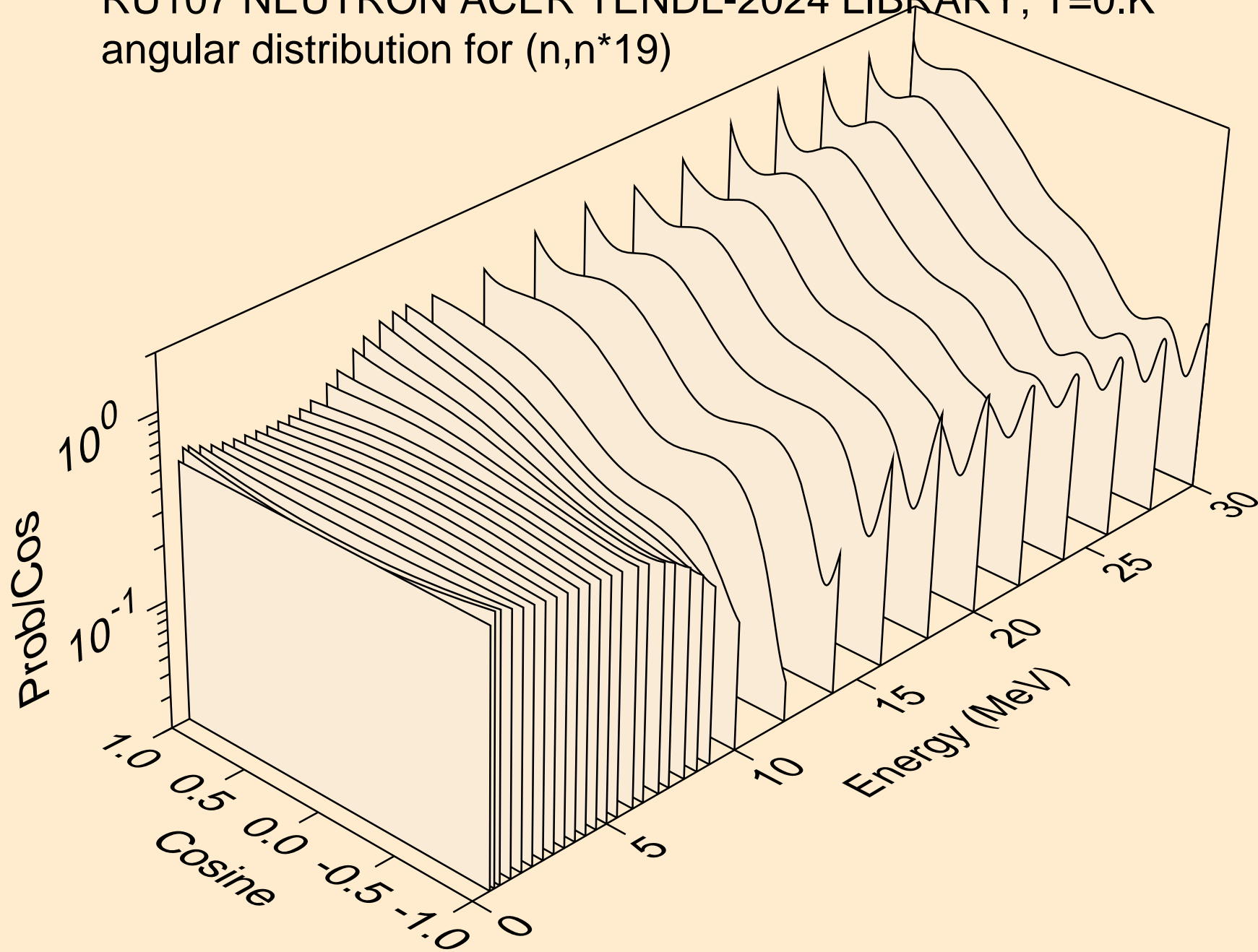
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



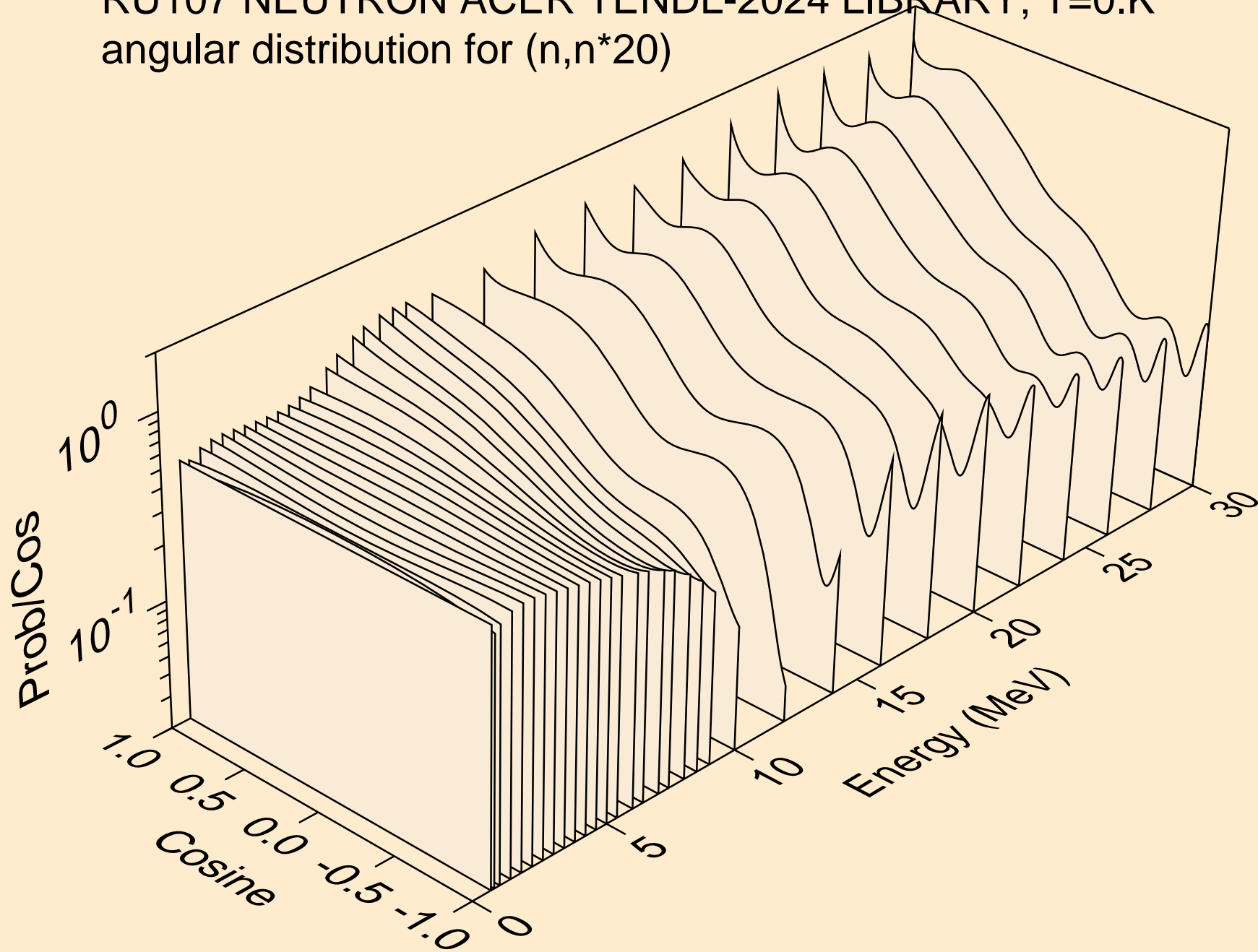
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)



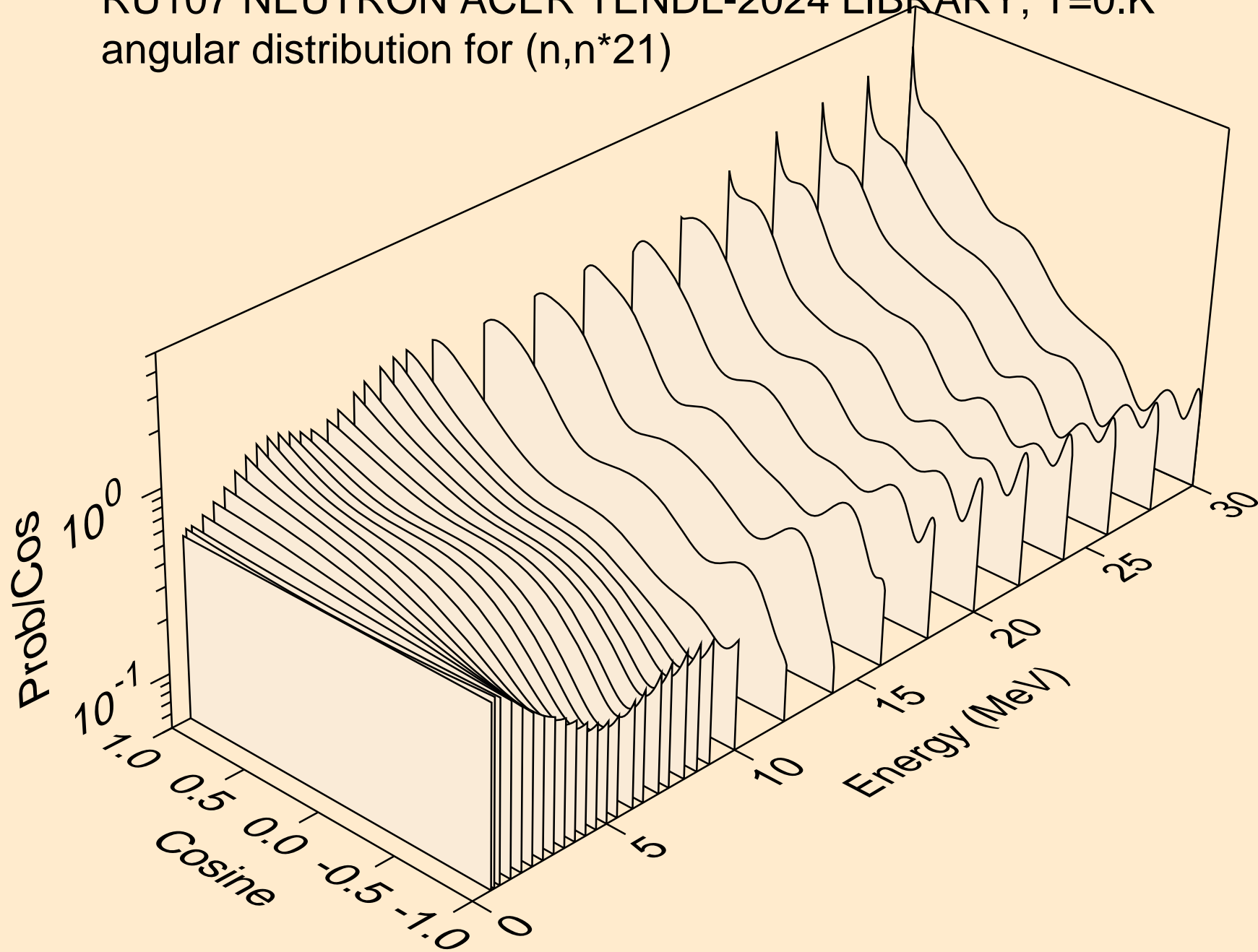
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*19)



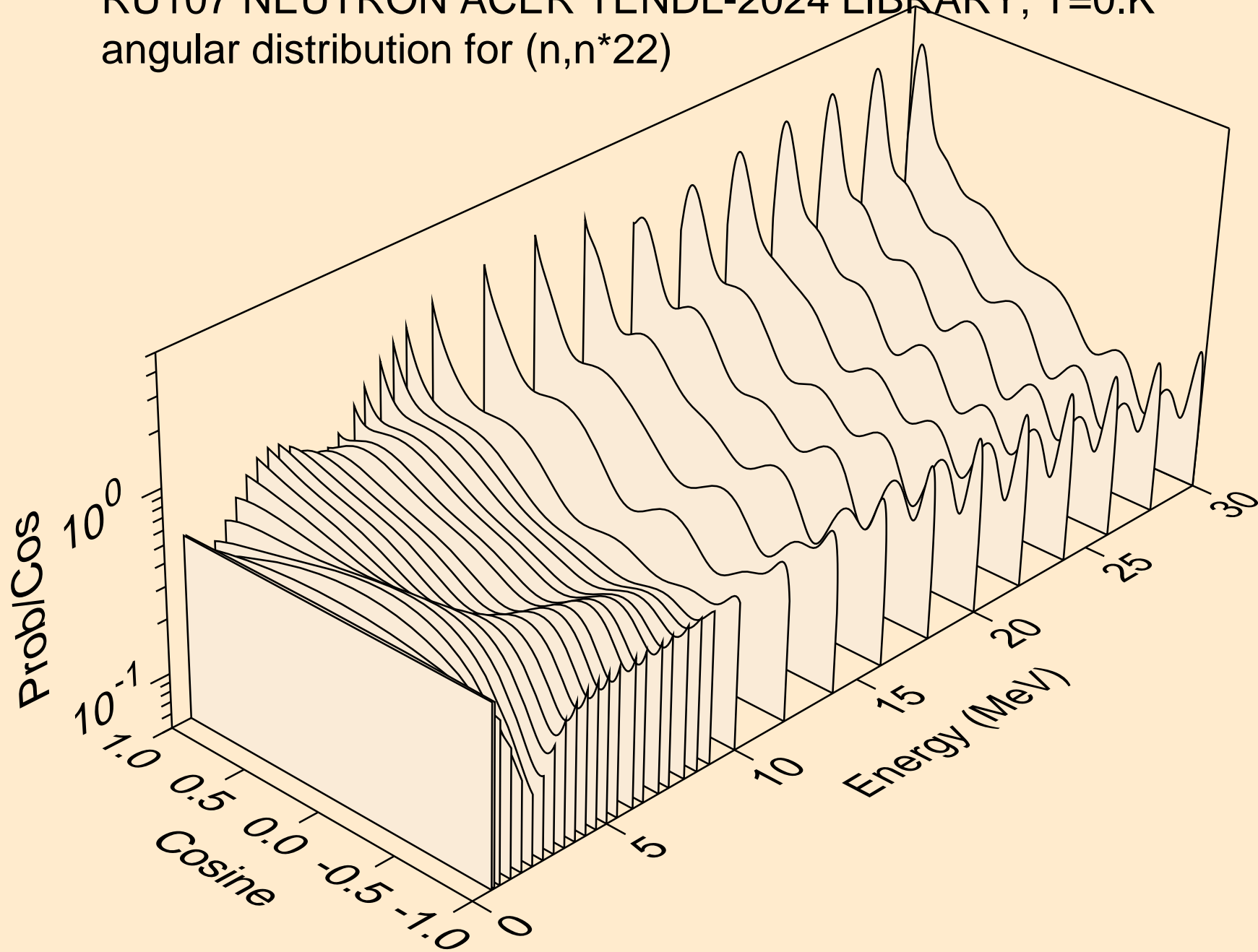
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



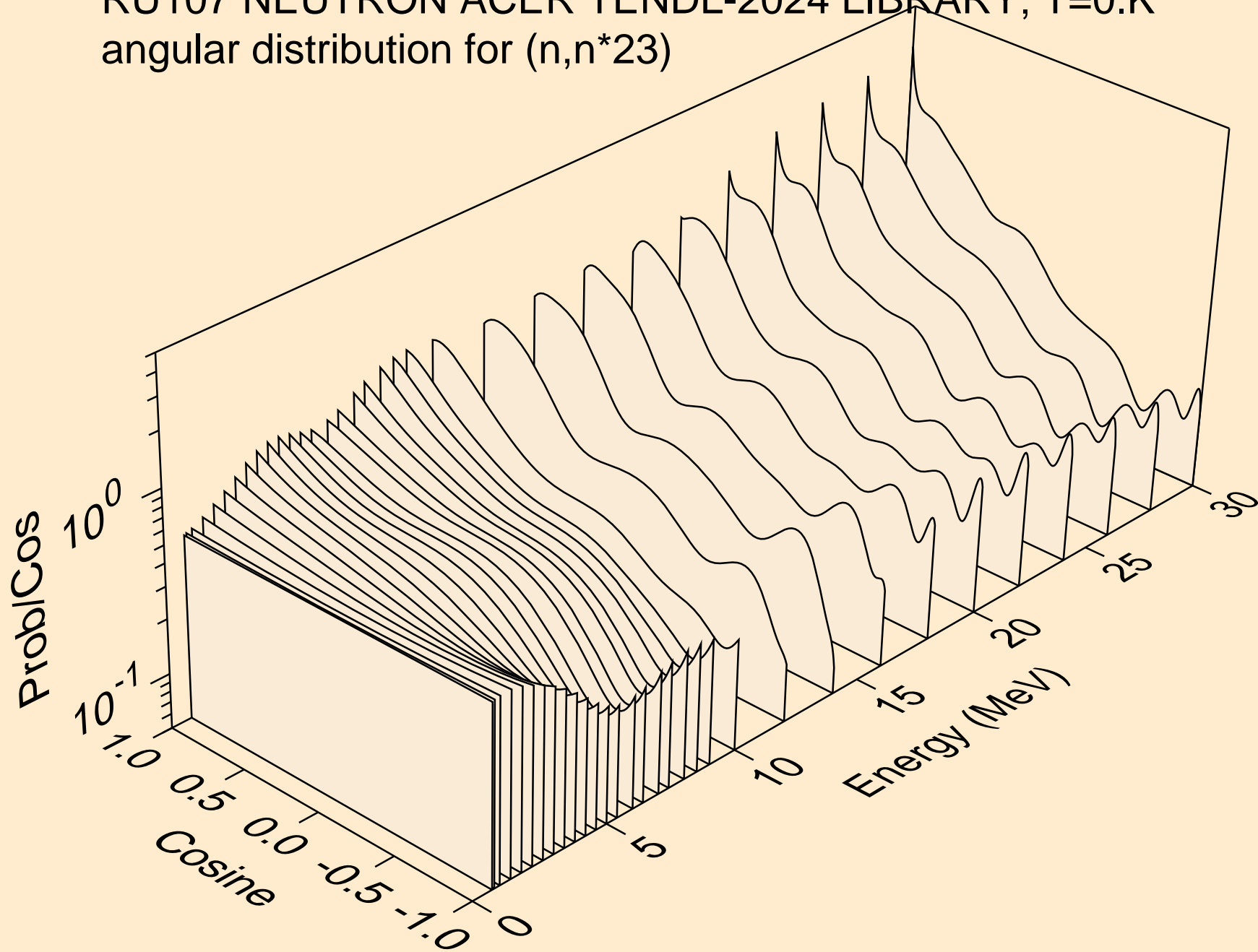
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*21)



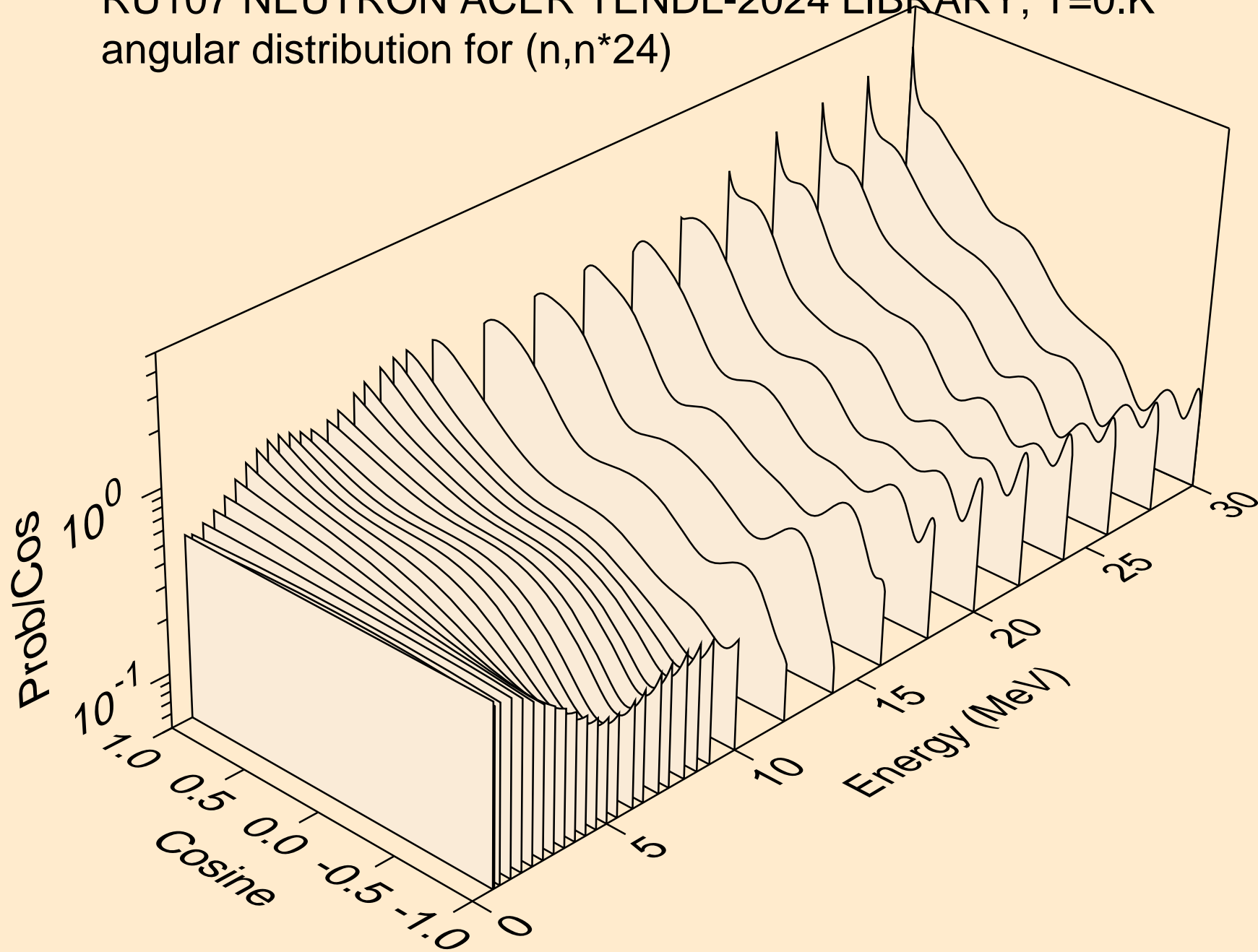
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*22)



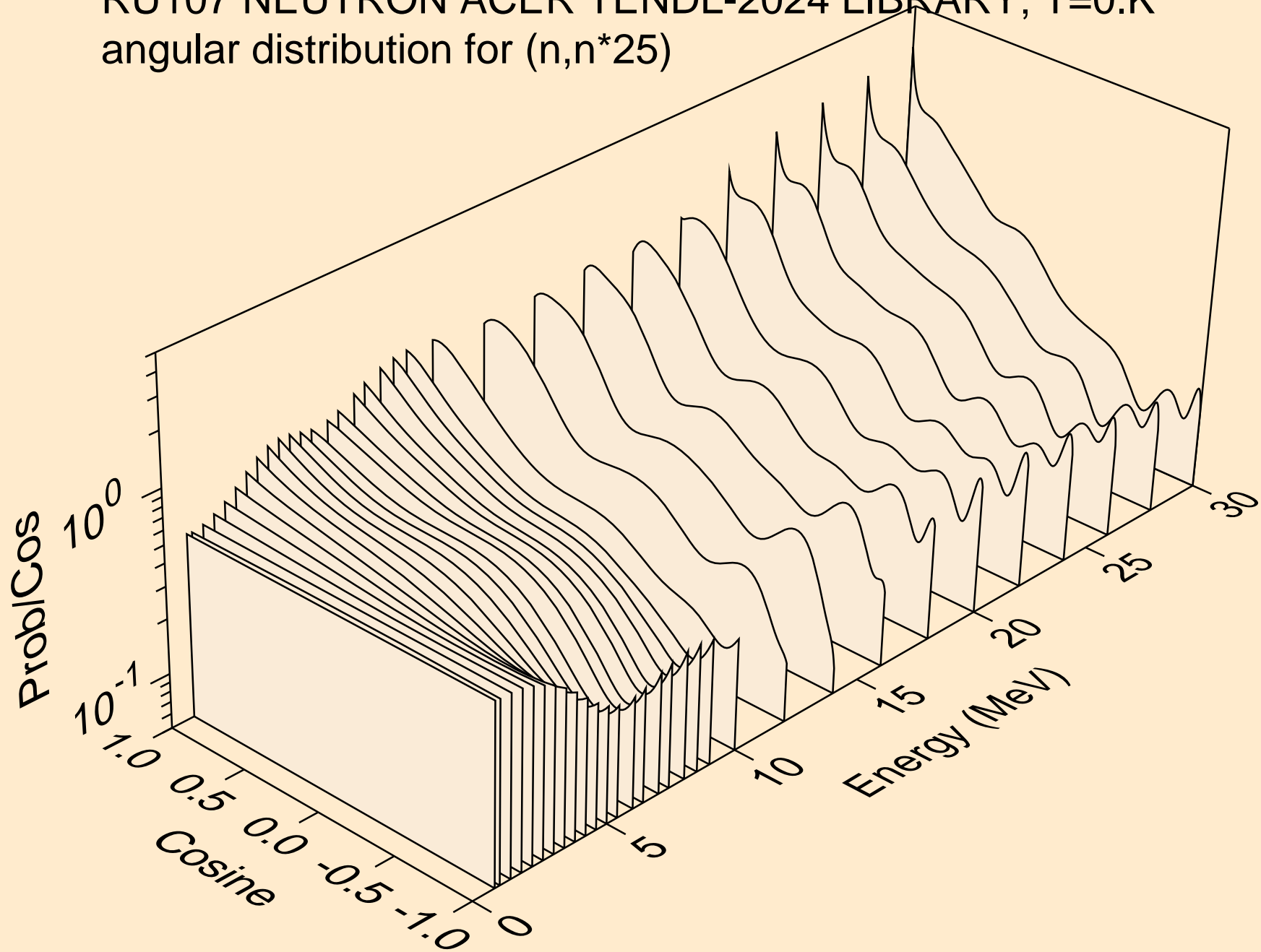
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*23)



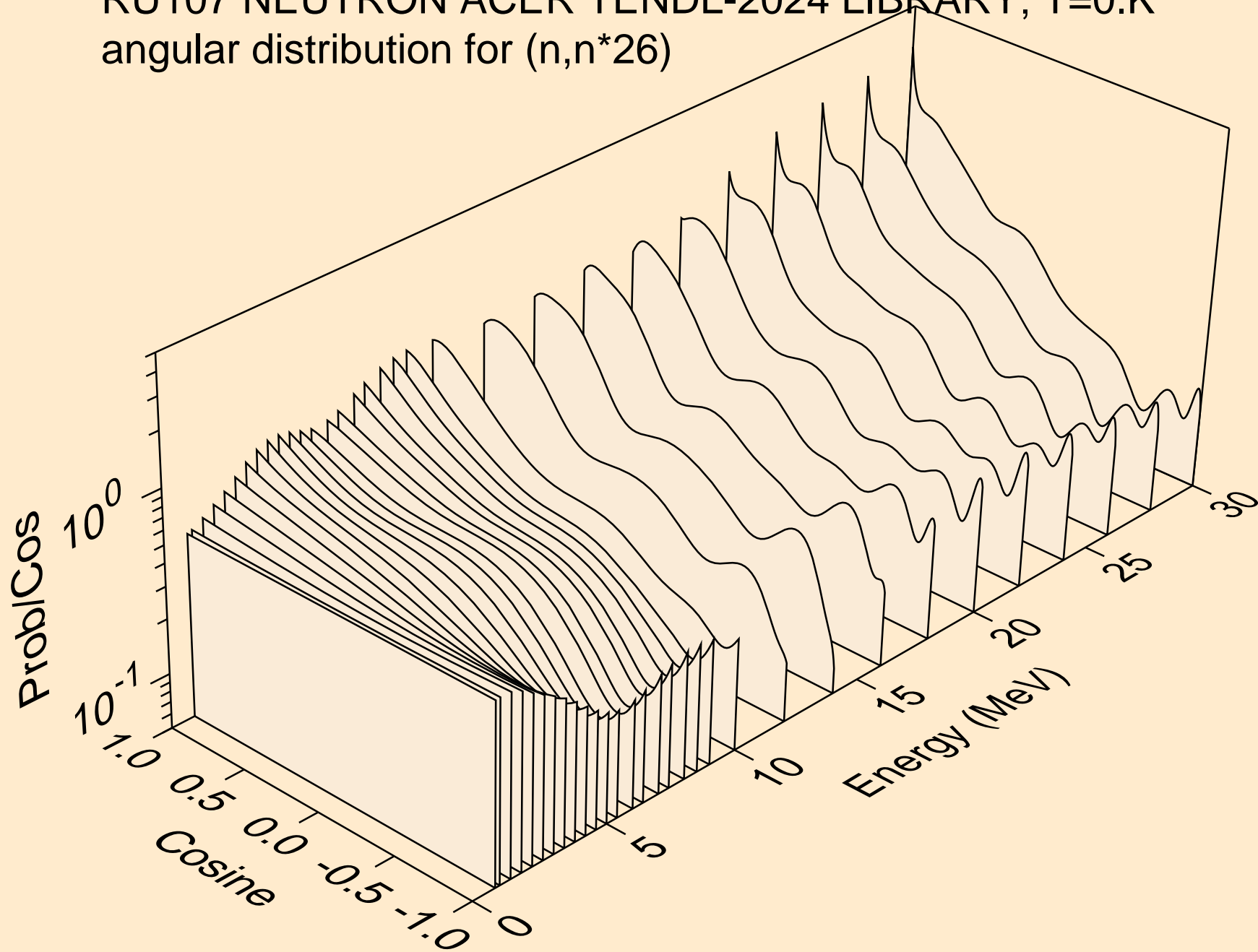
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*24)



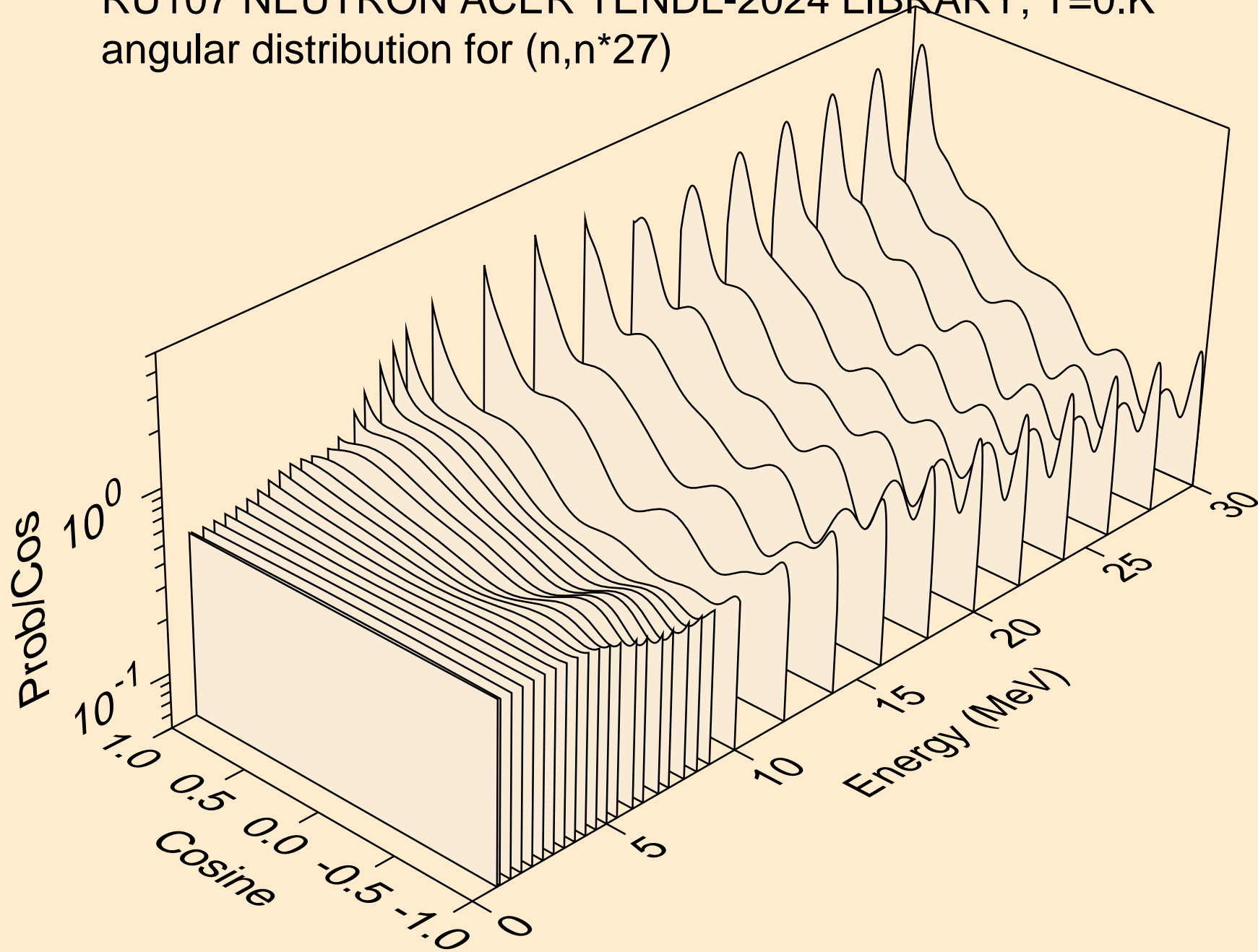
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



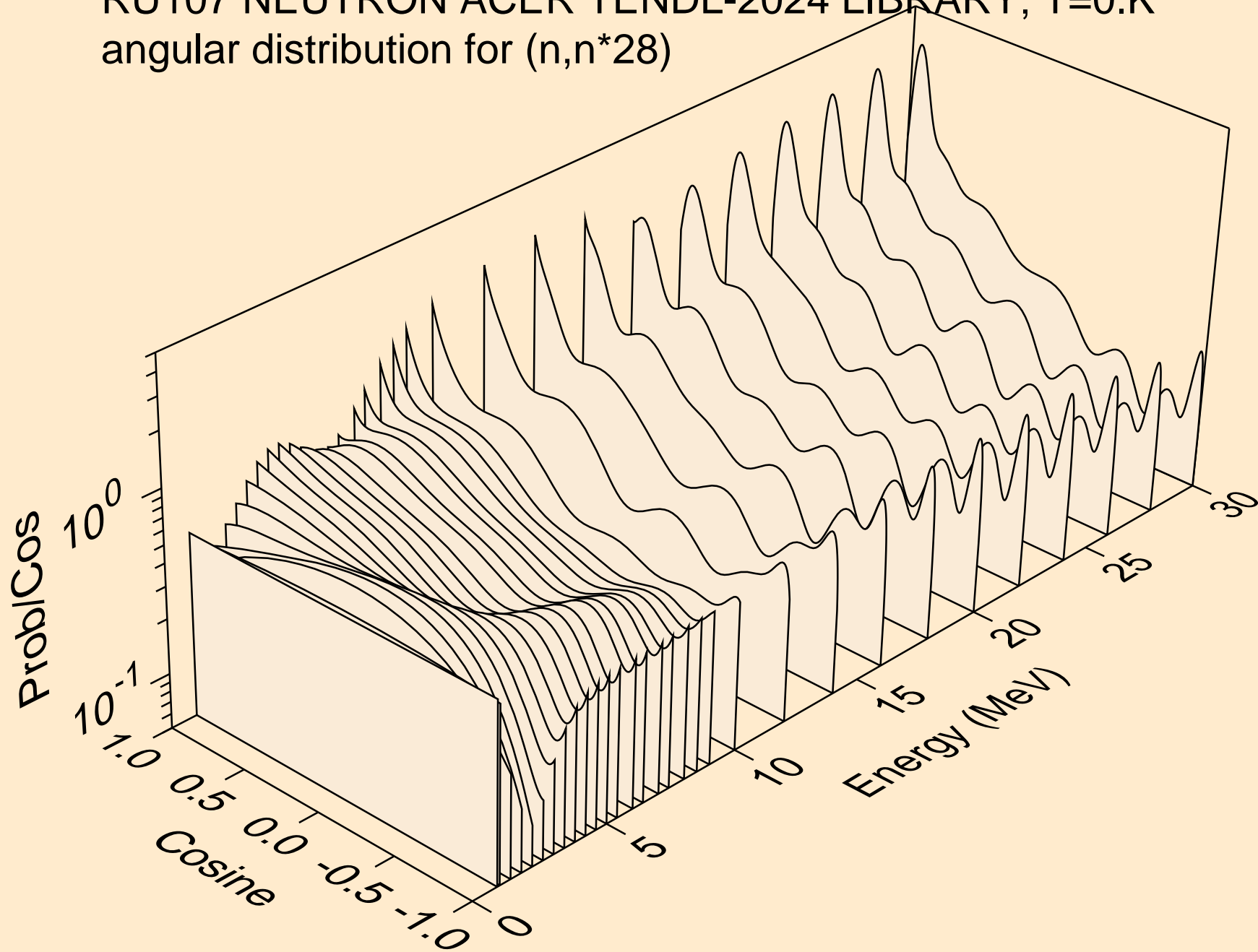
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)



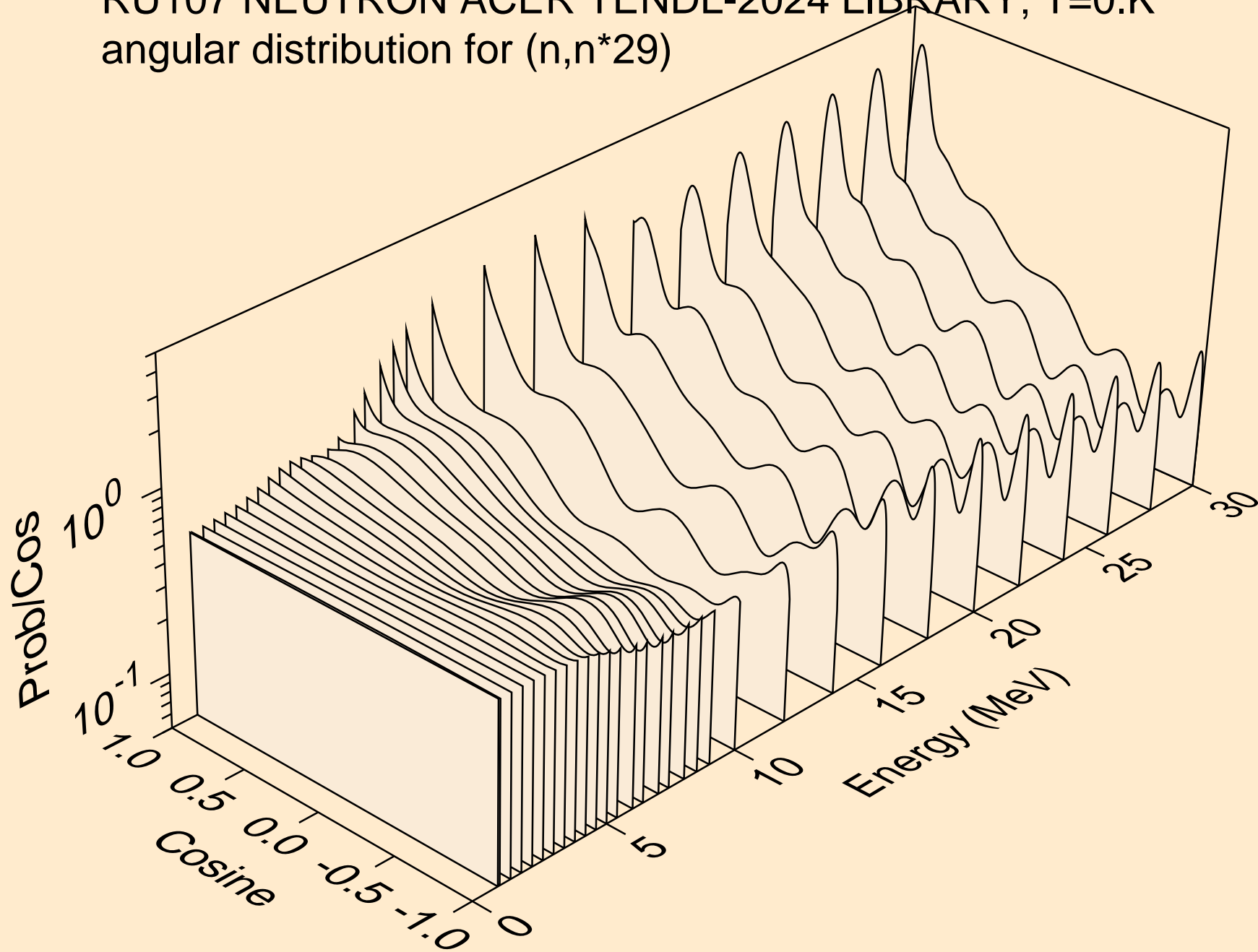
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)



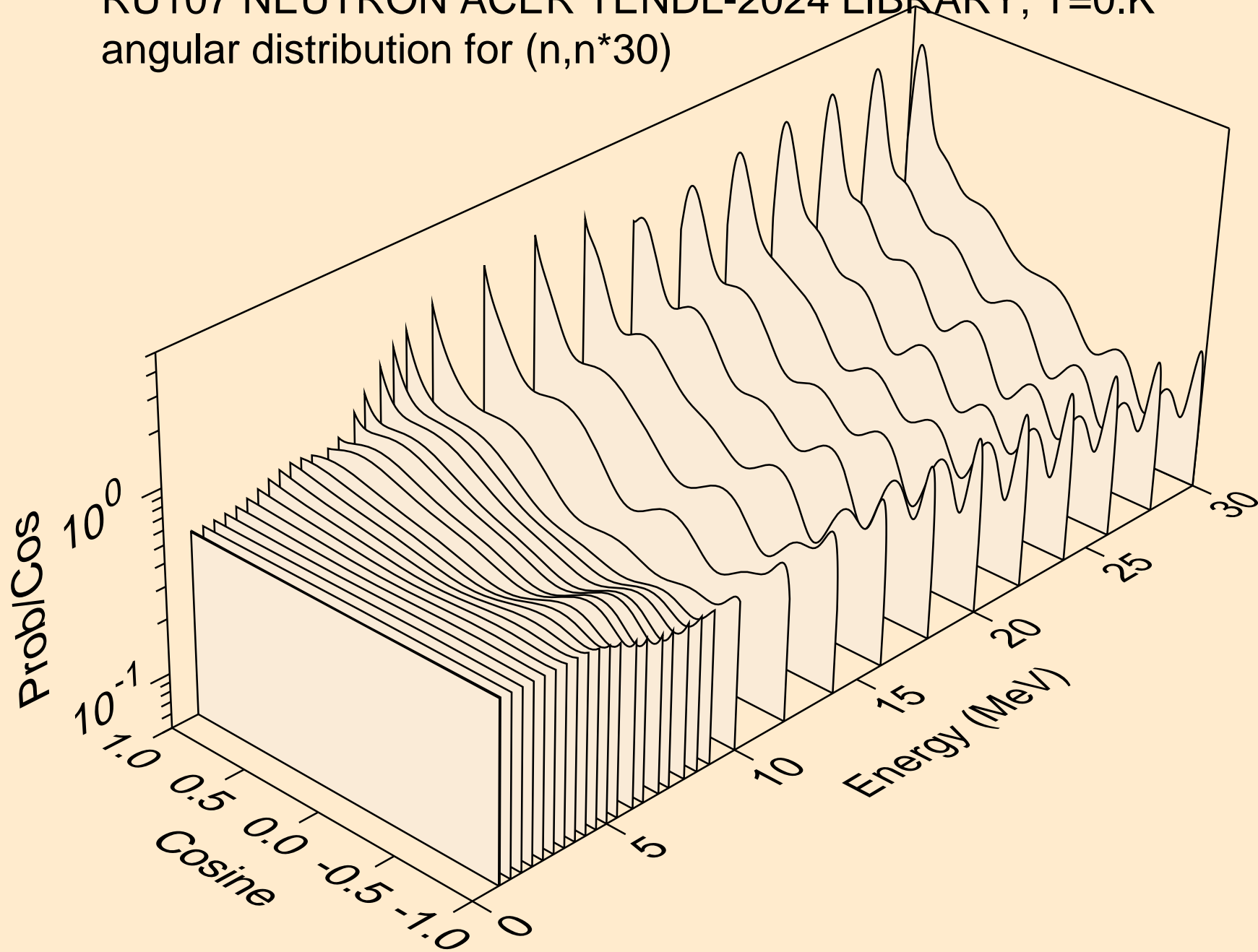
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*28)



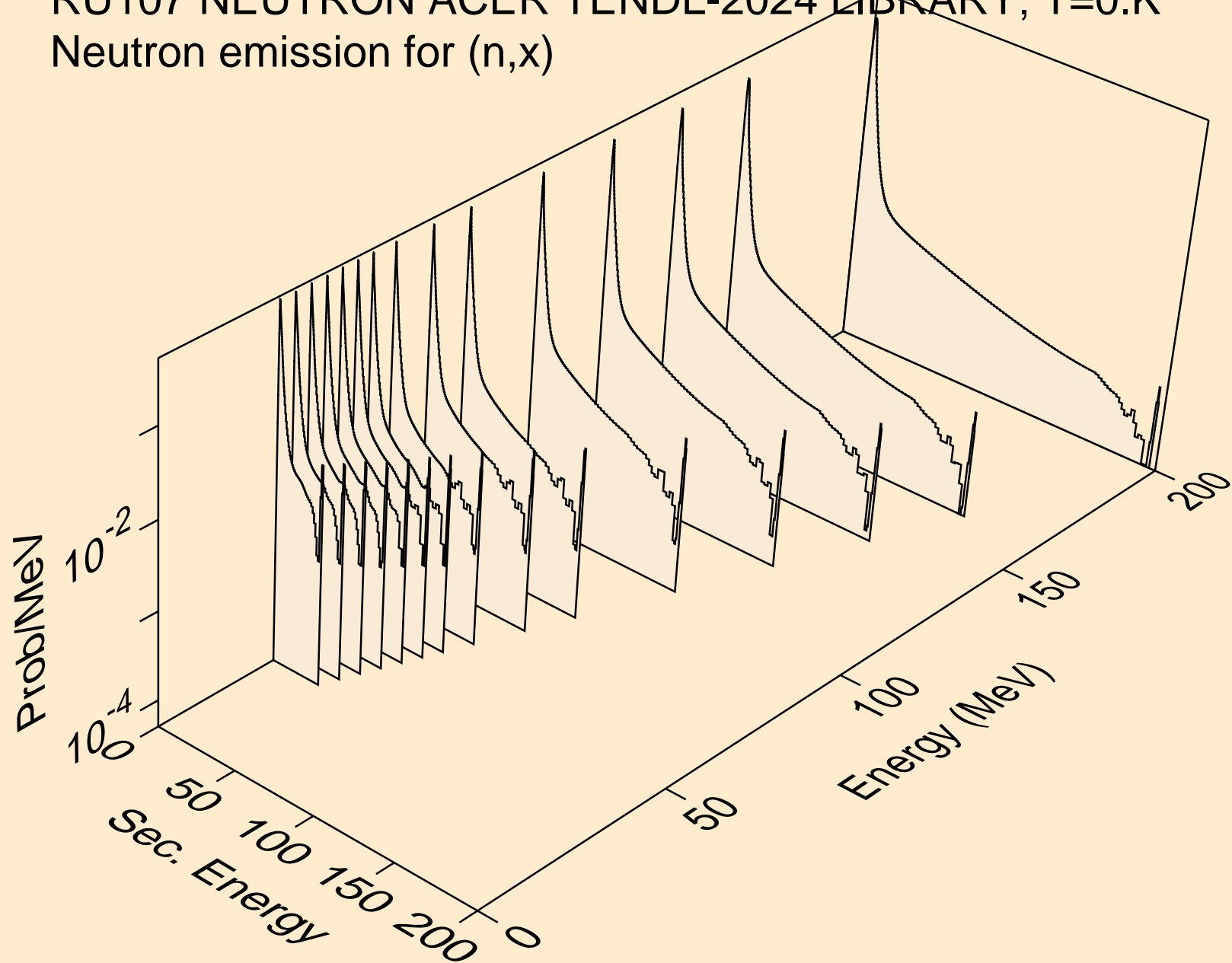
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*29)



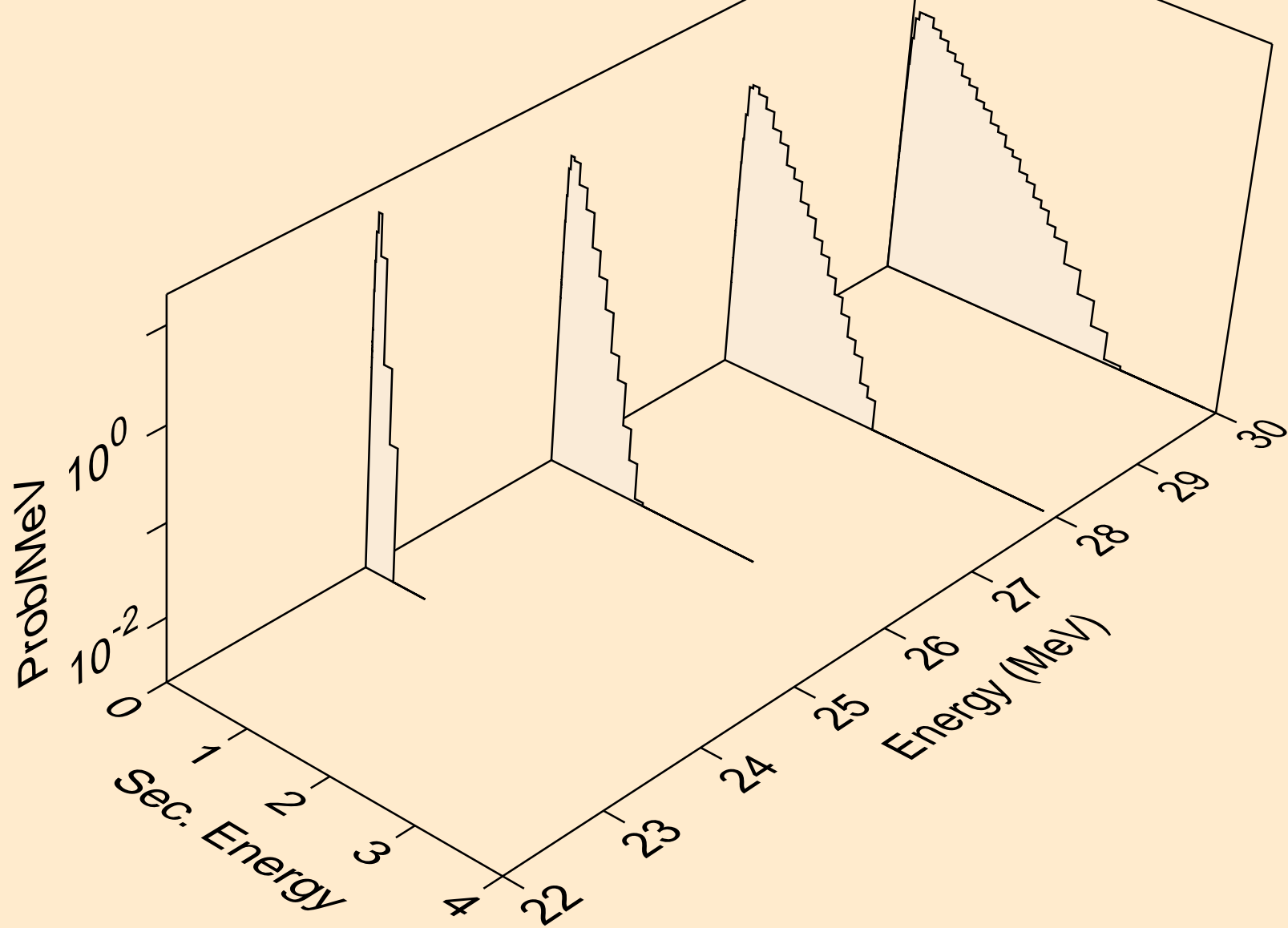
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*30)



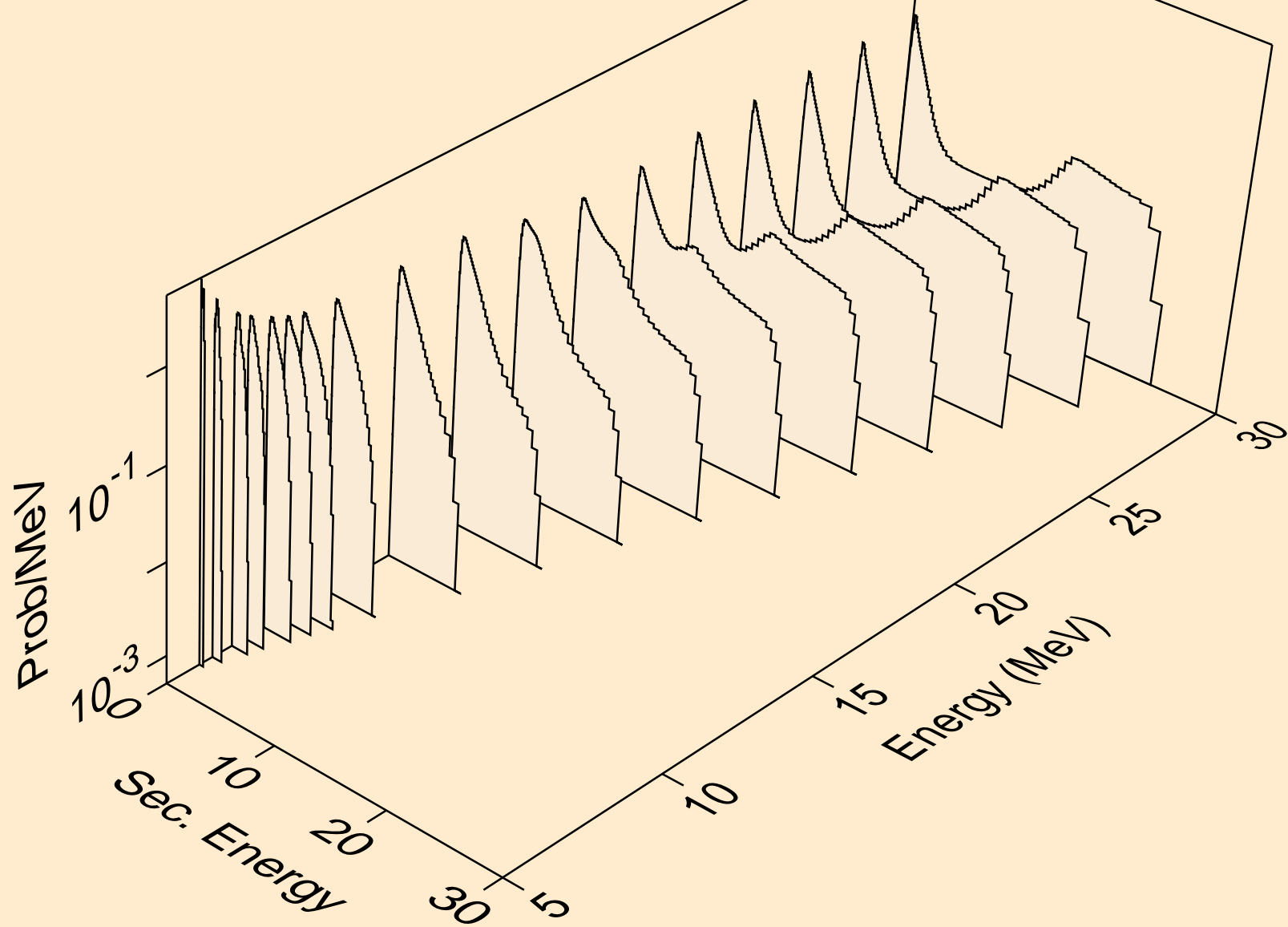
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



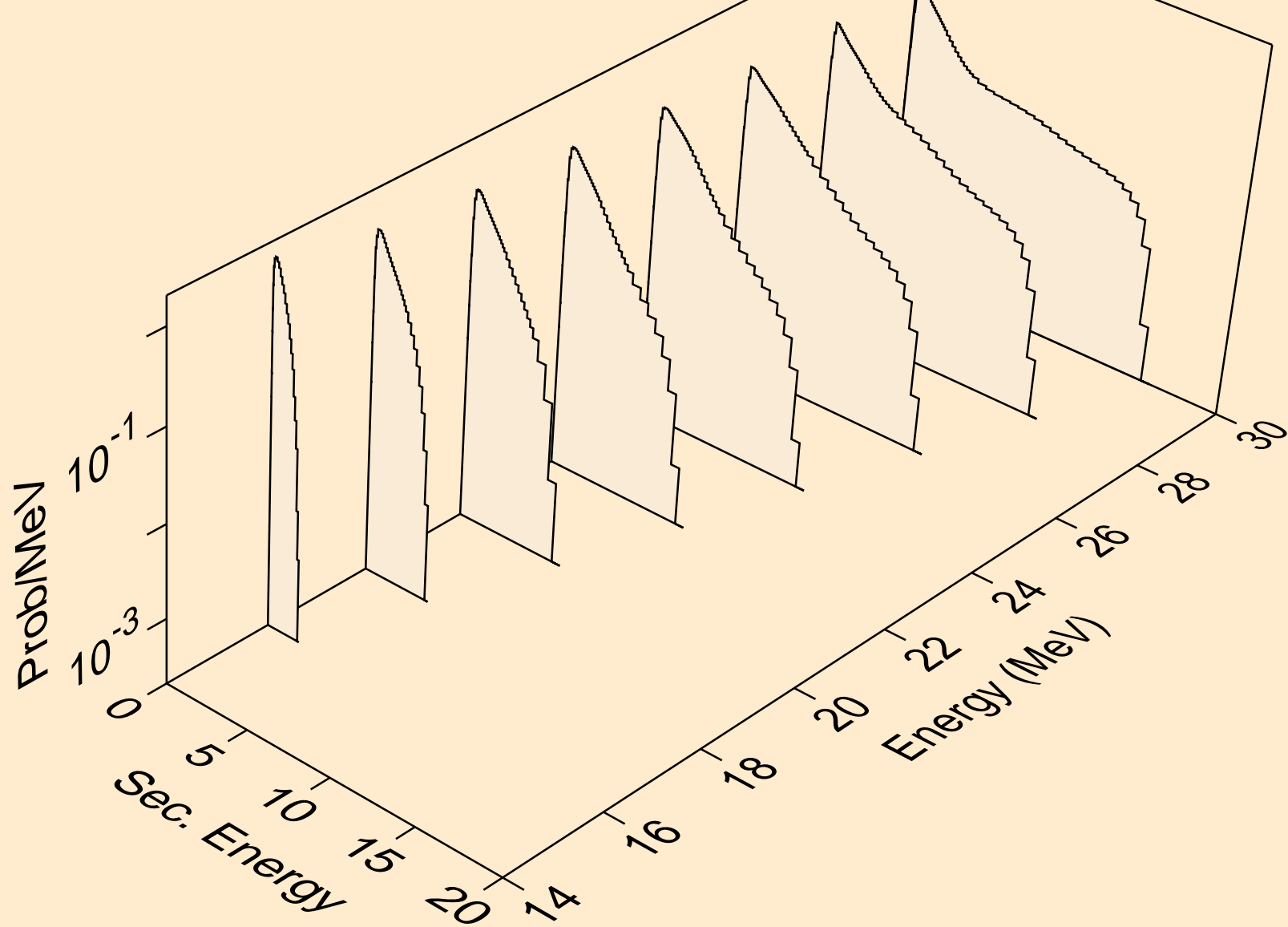
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



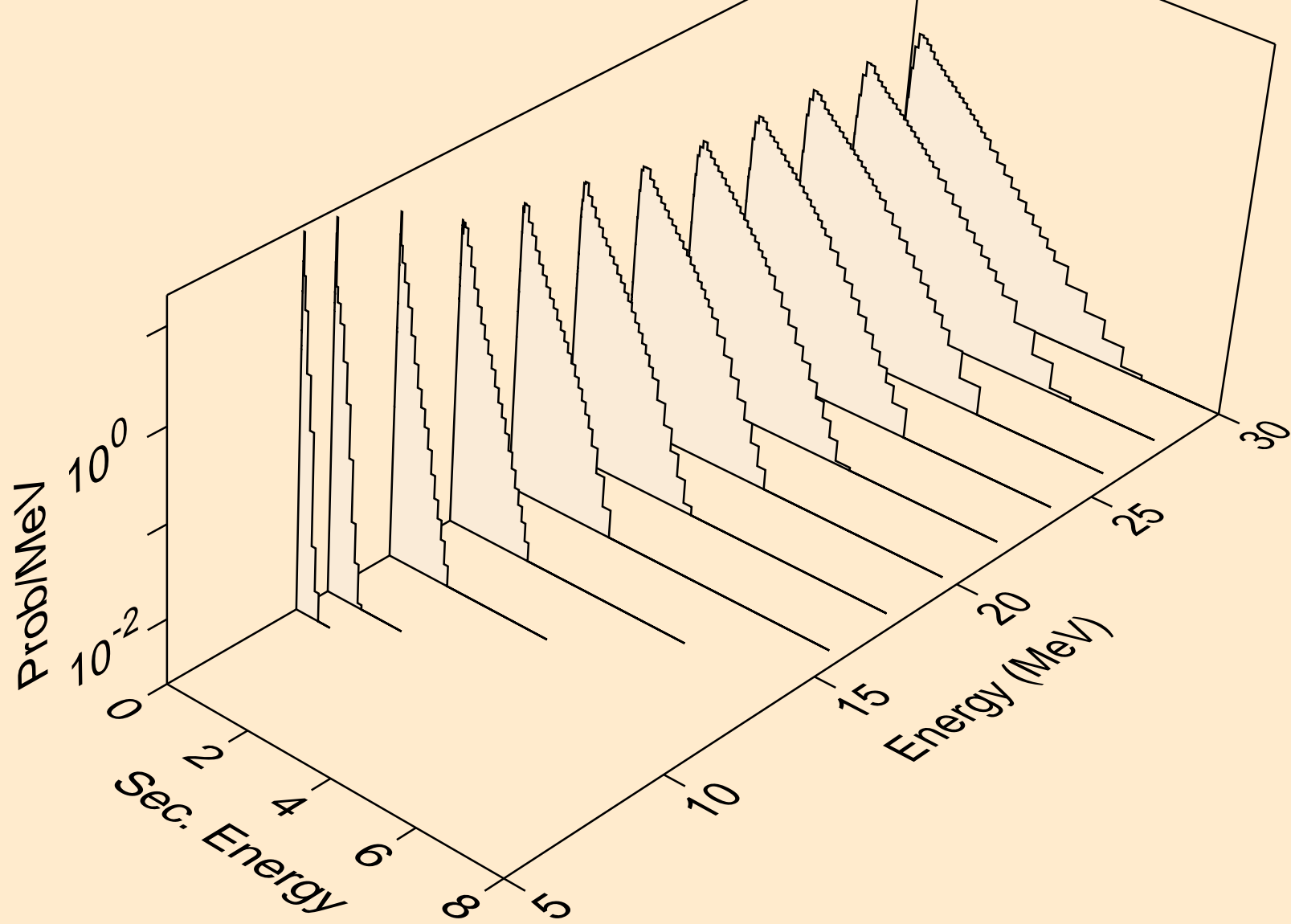
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



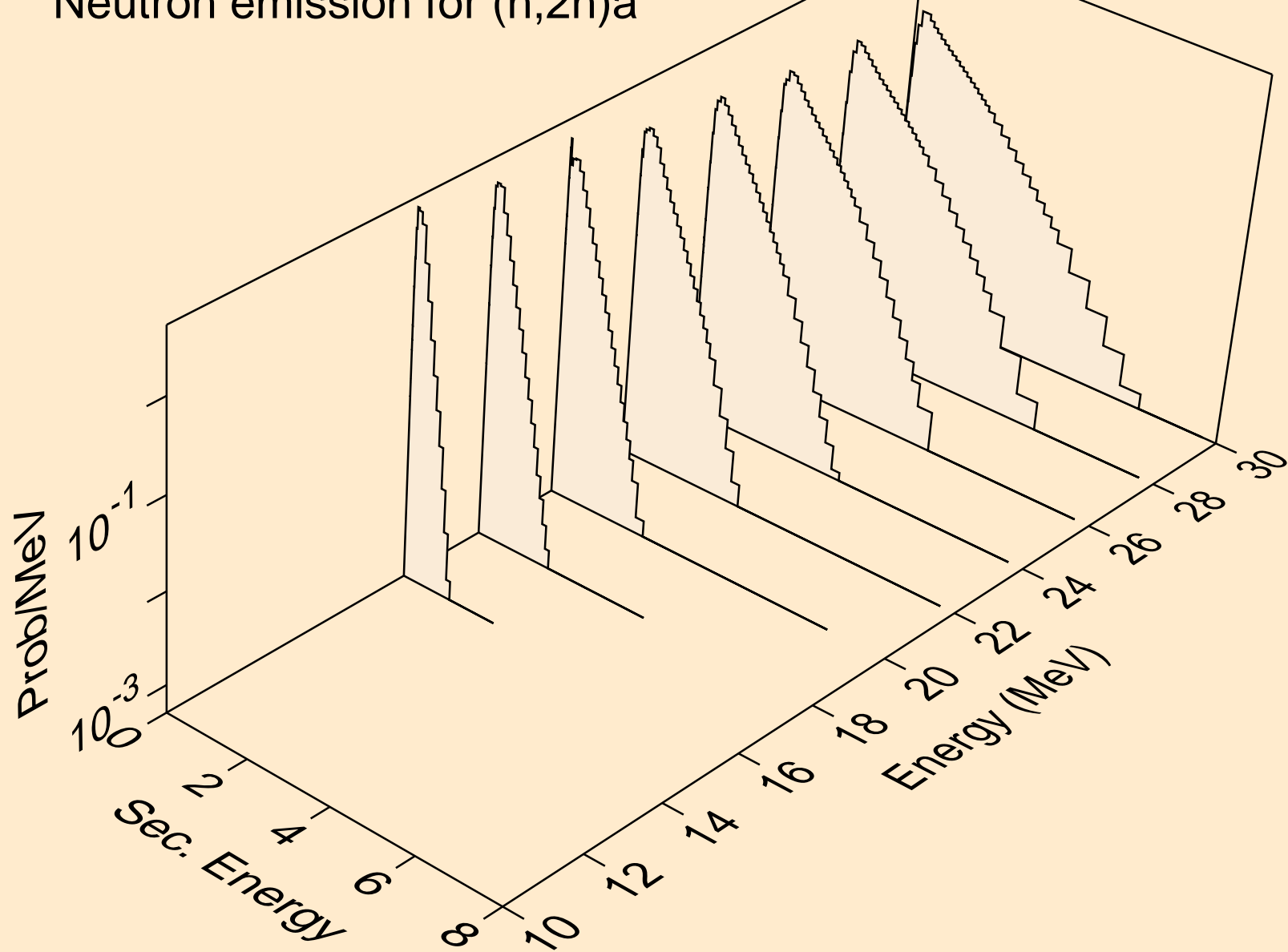
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



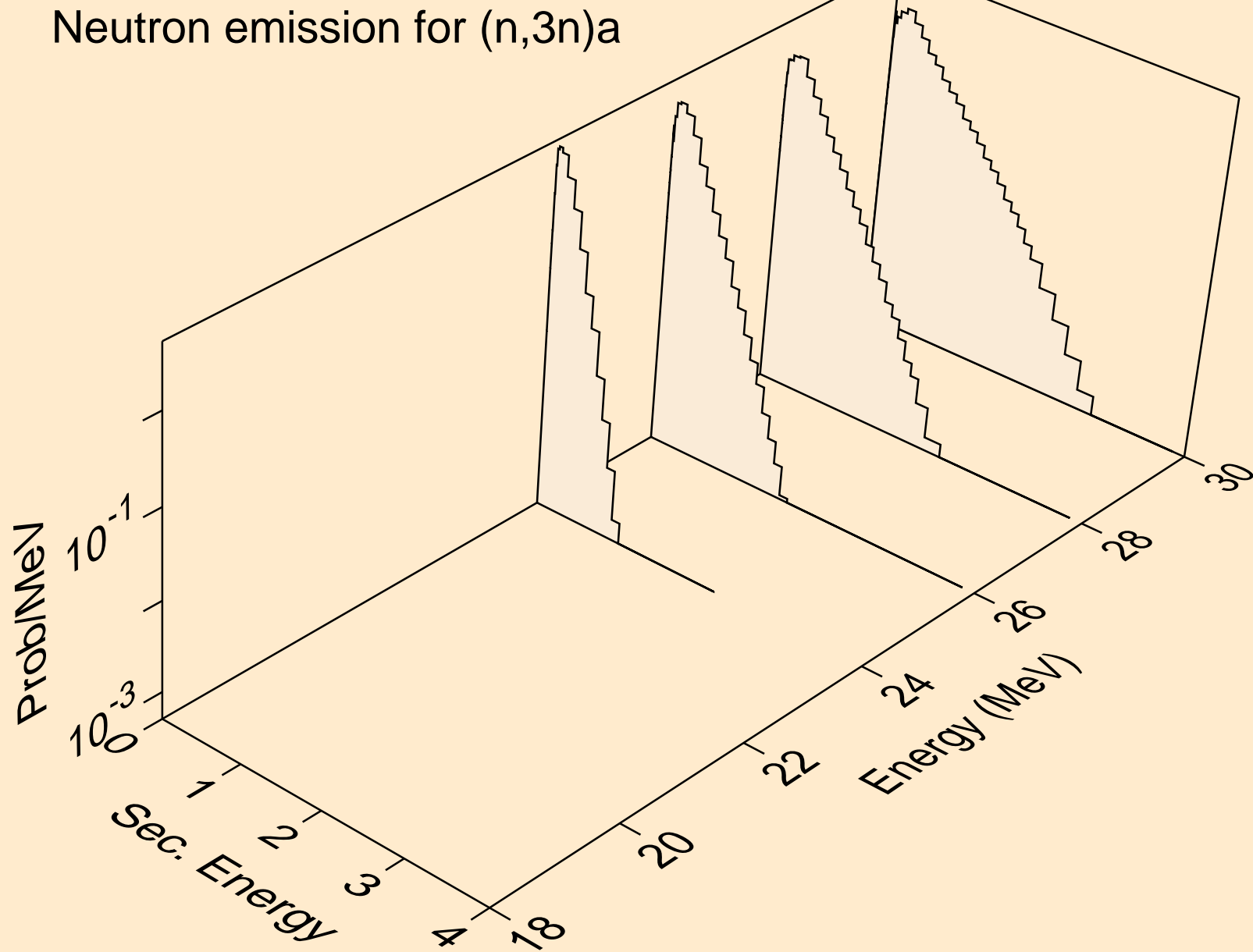
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



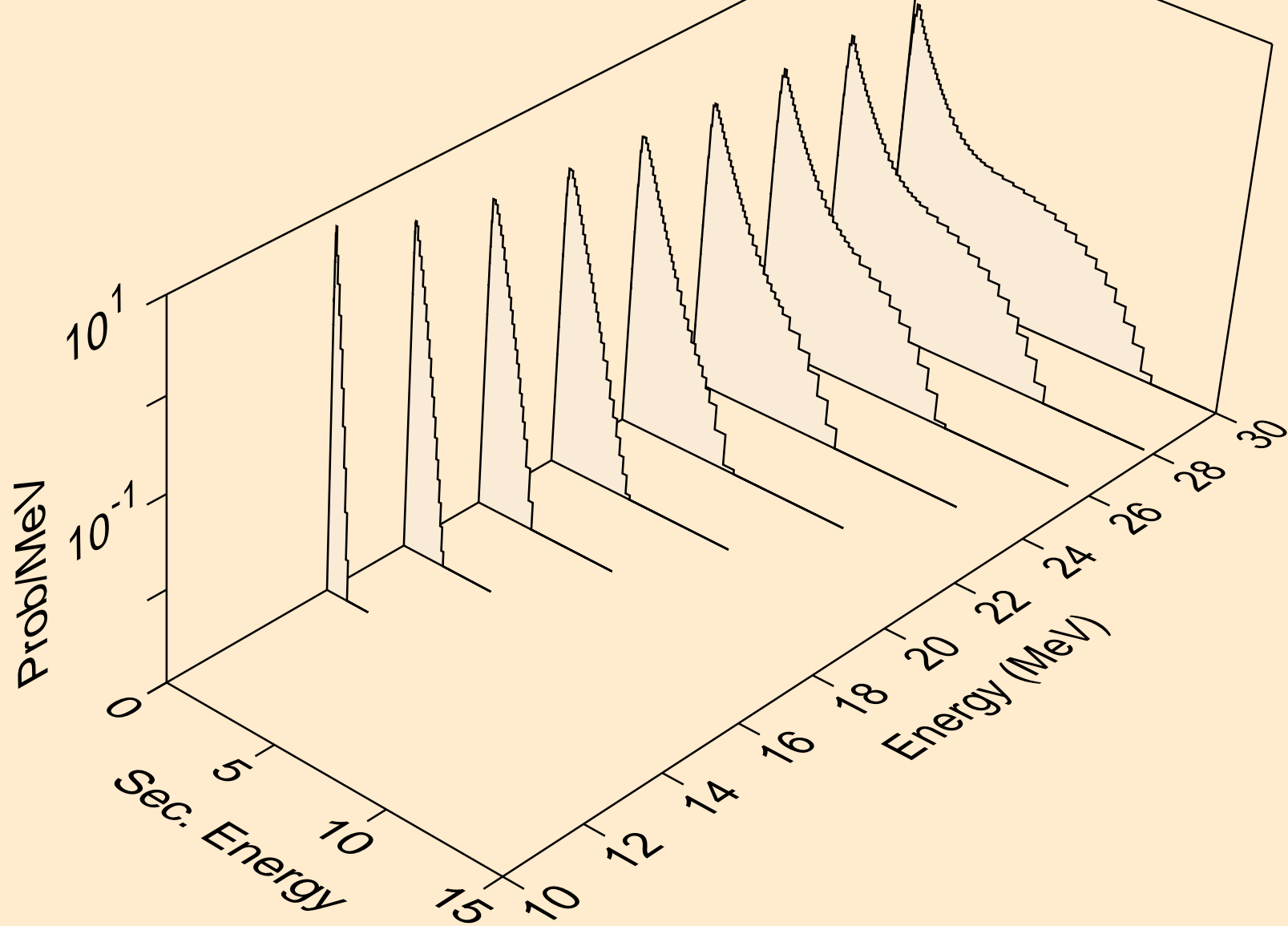
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



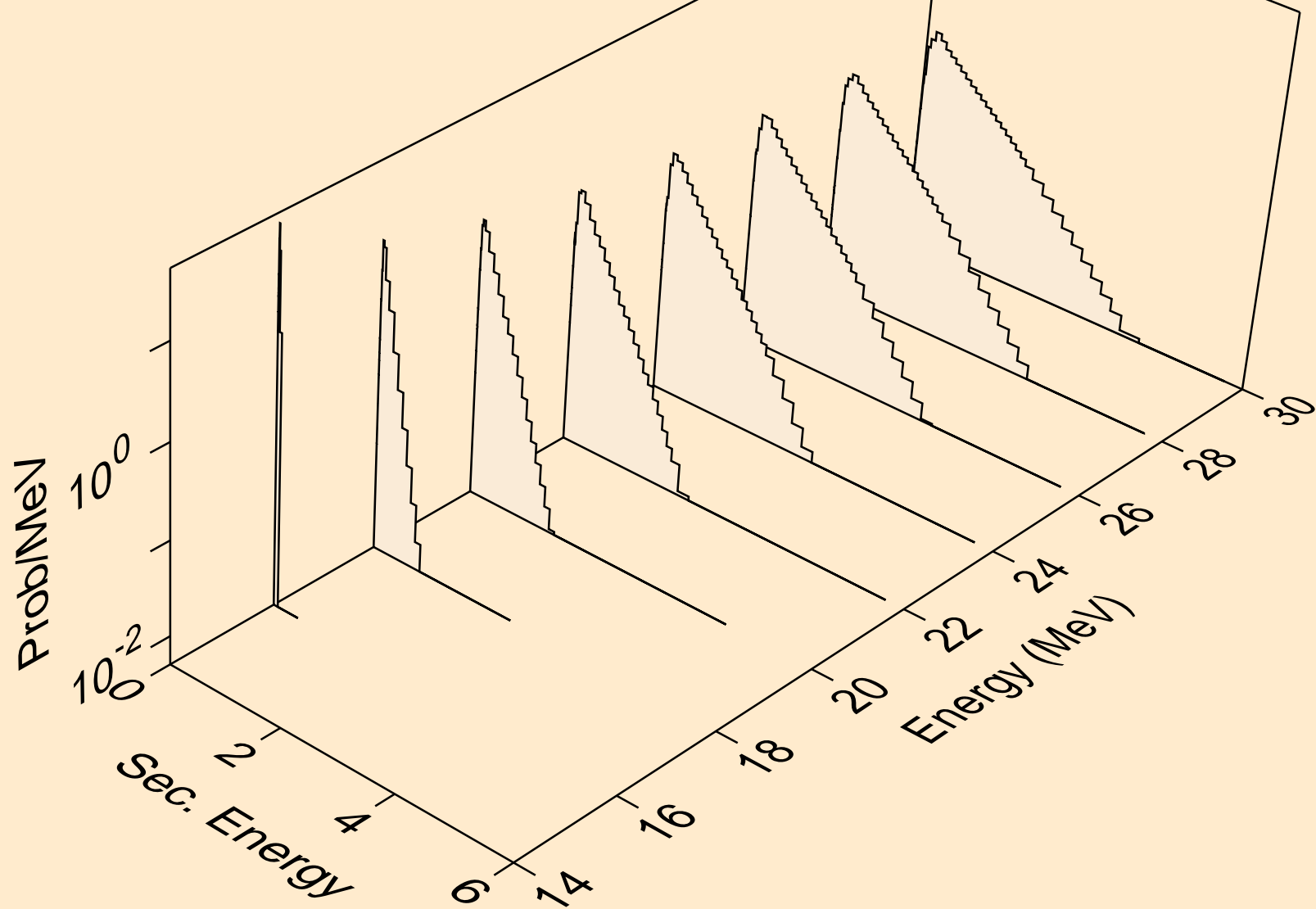
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



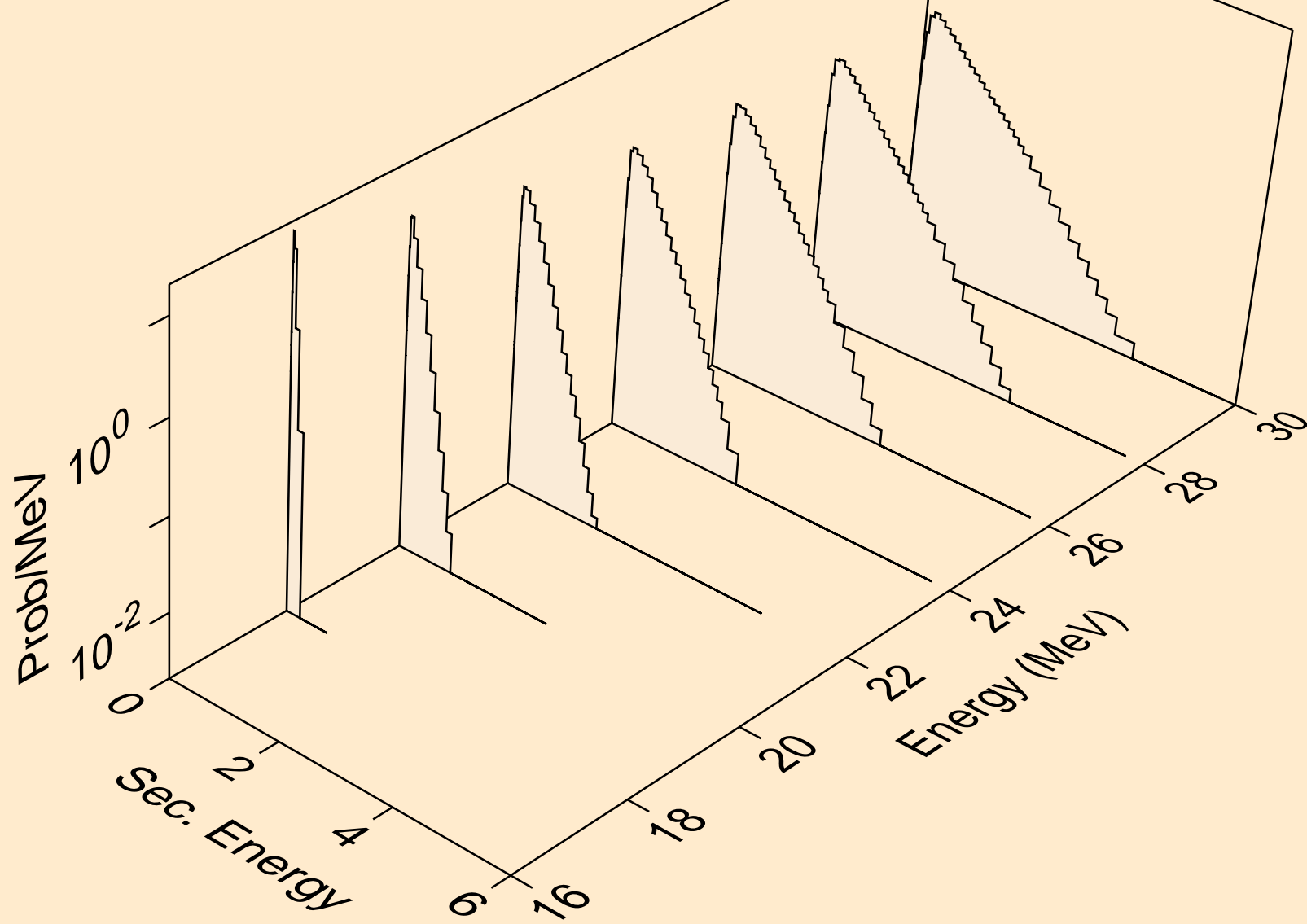
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



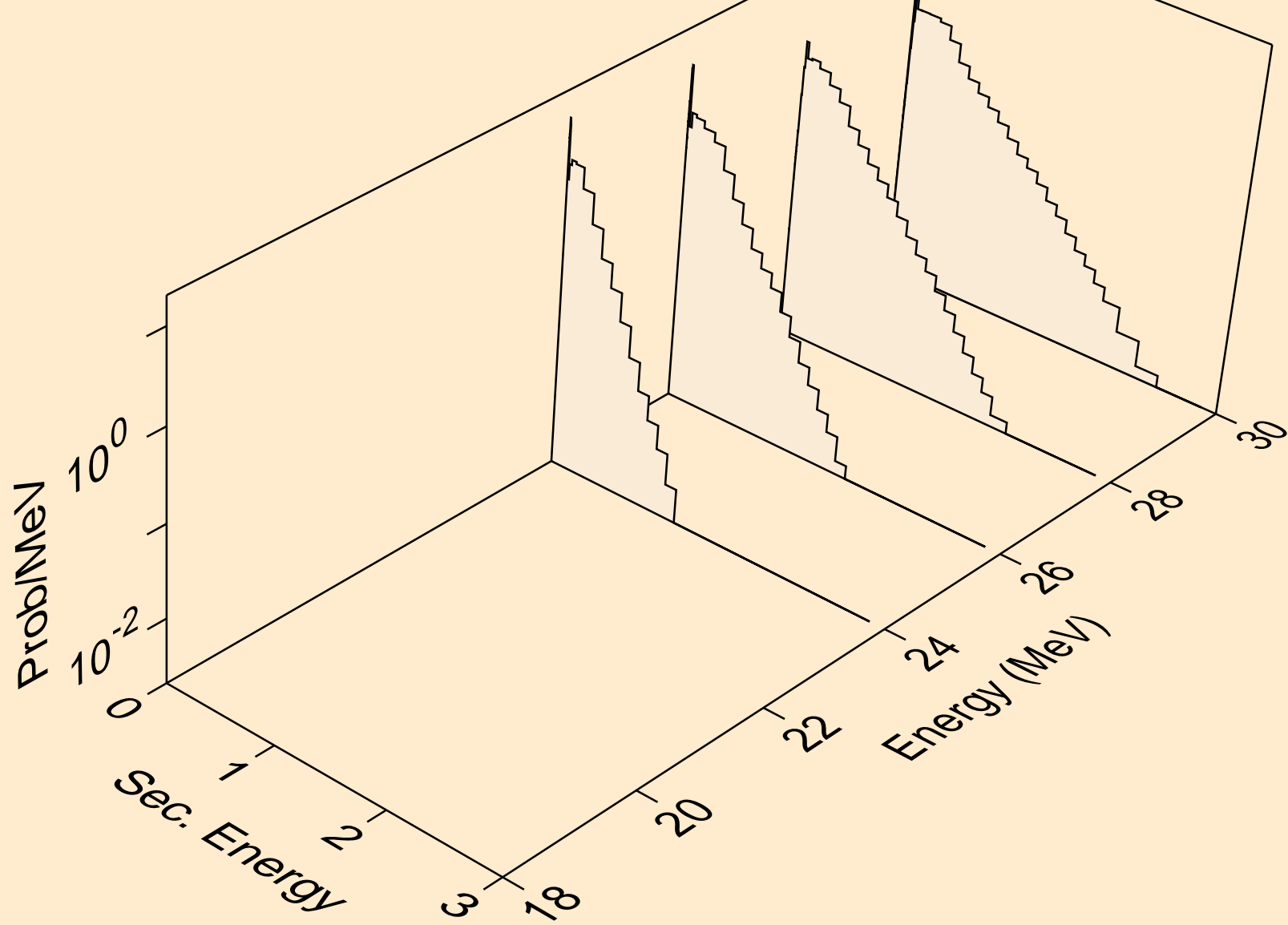
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



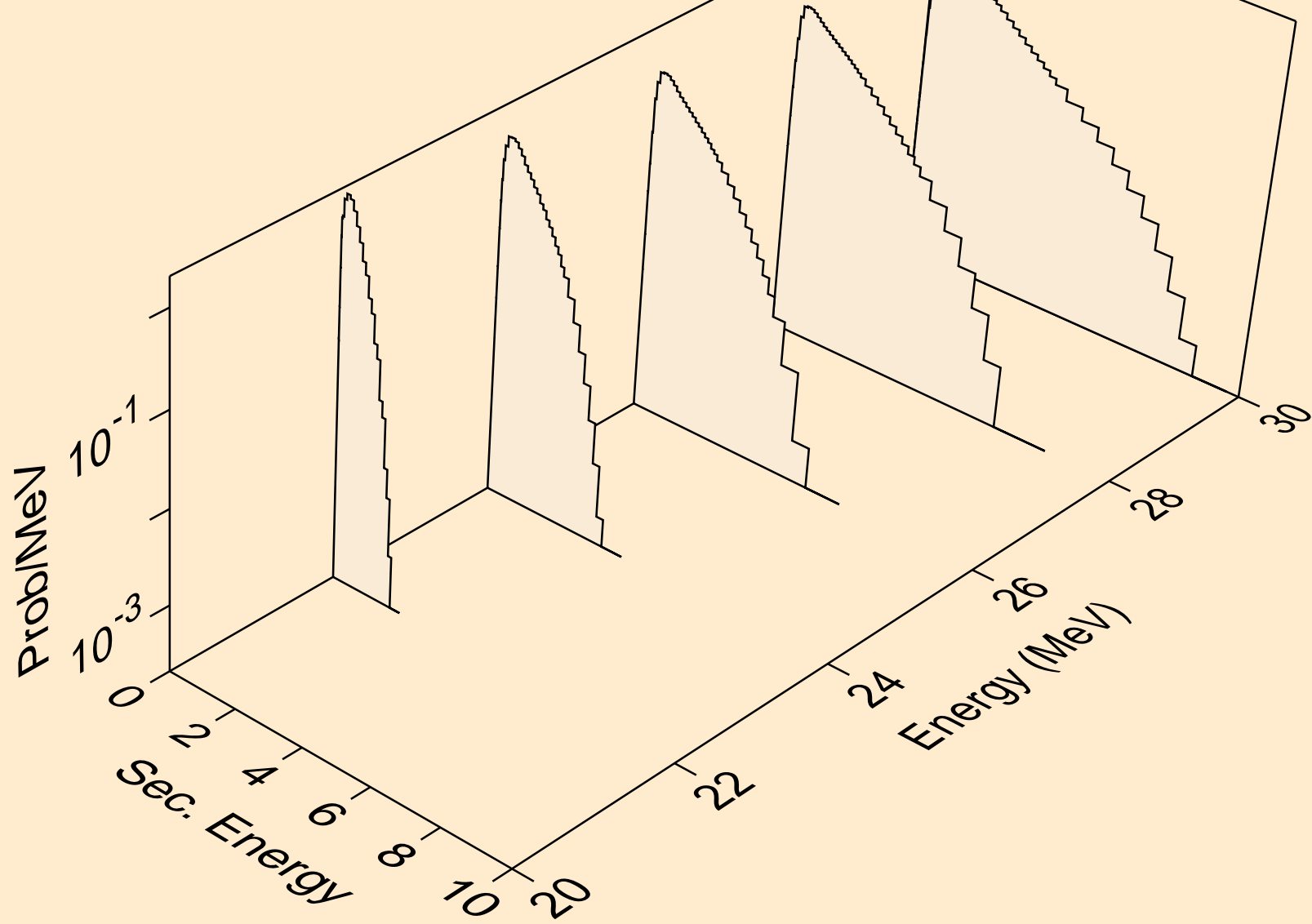
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



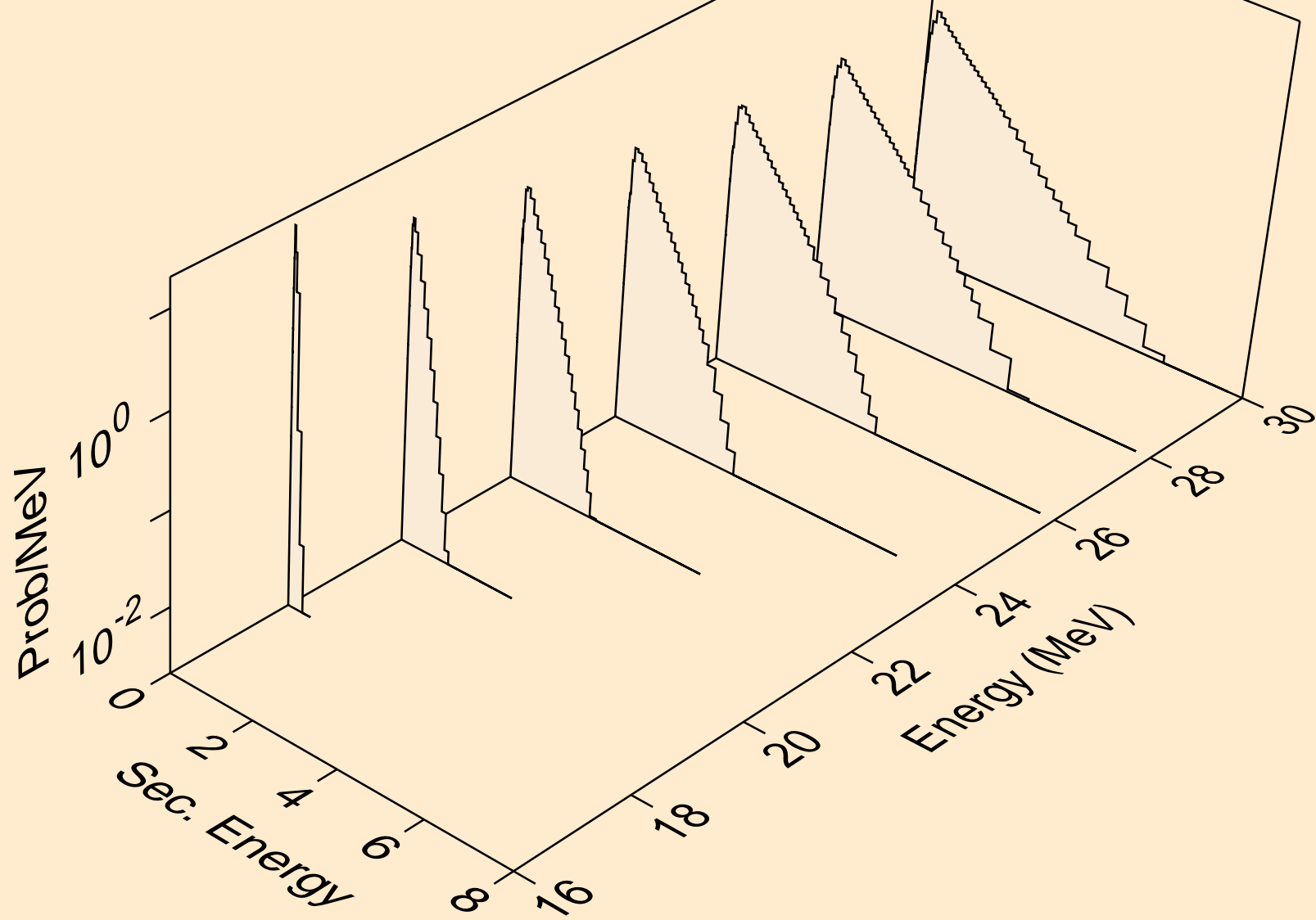
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



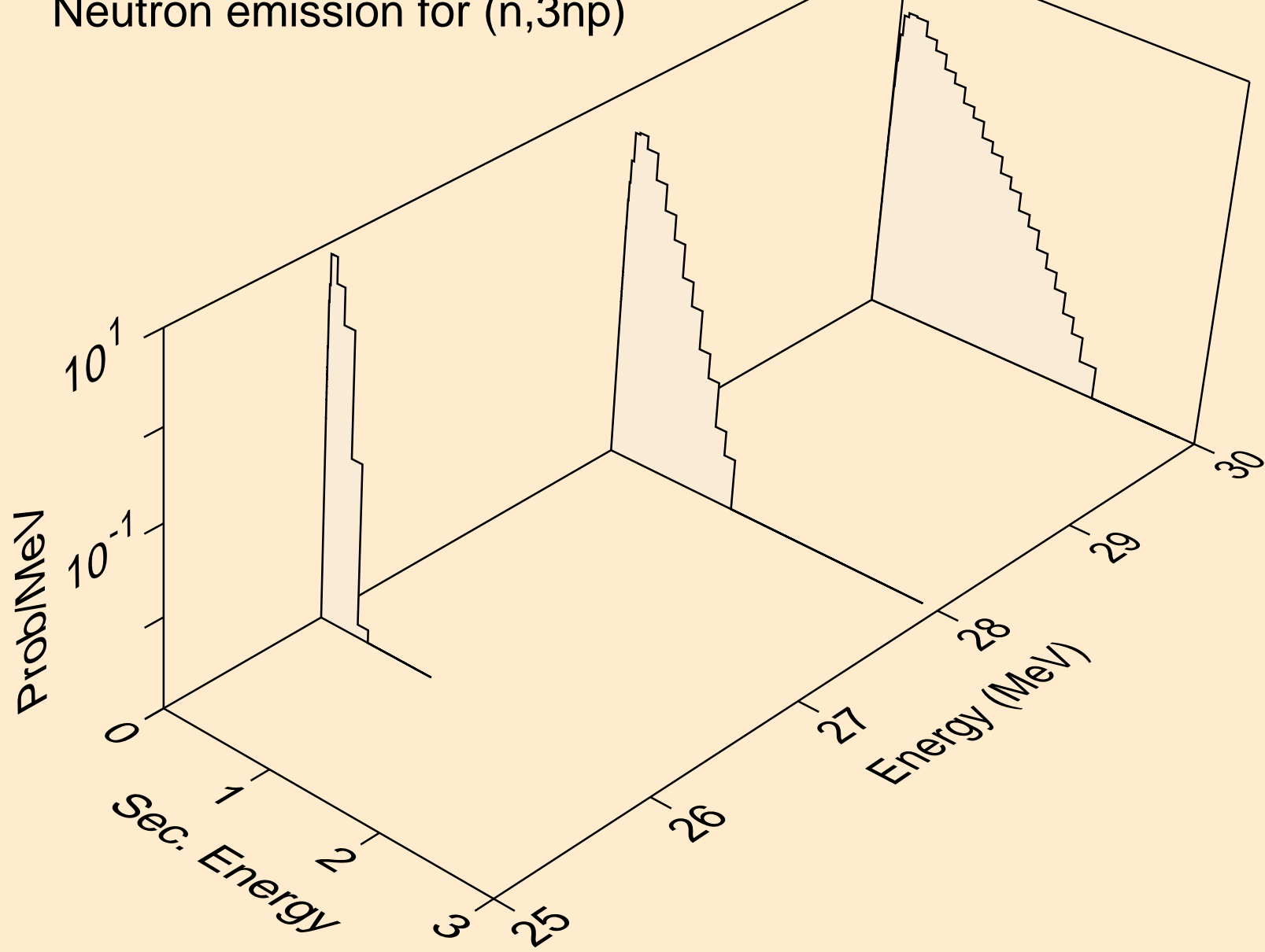
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



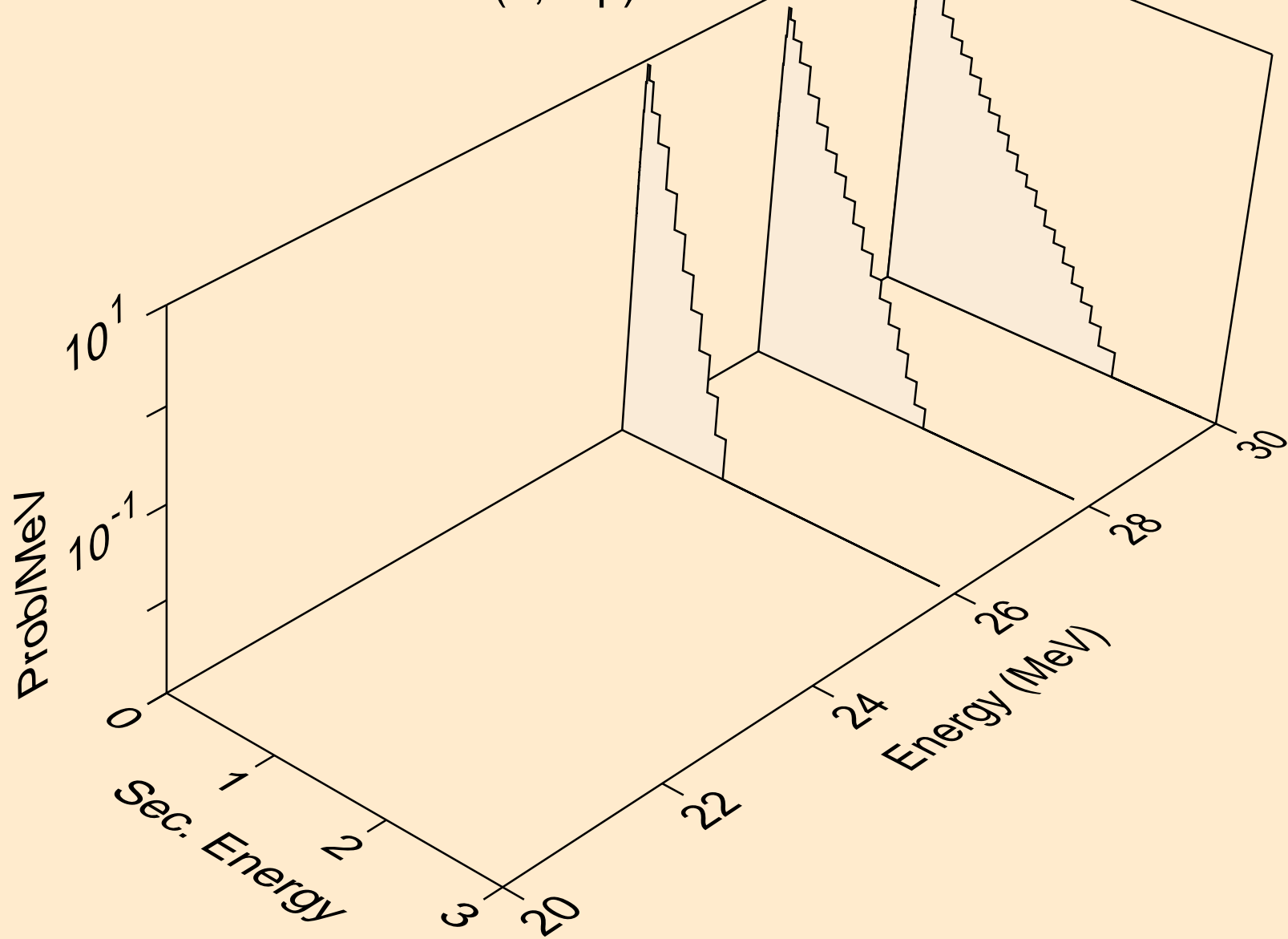
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



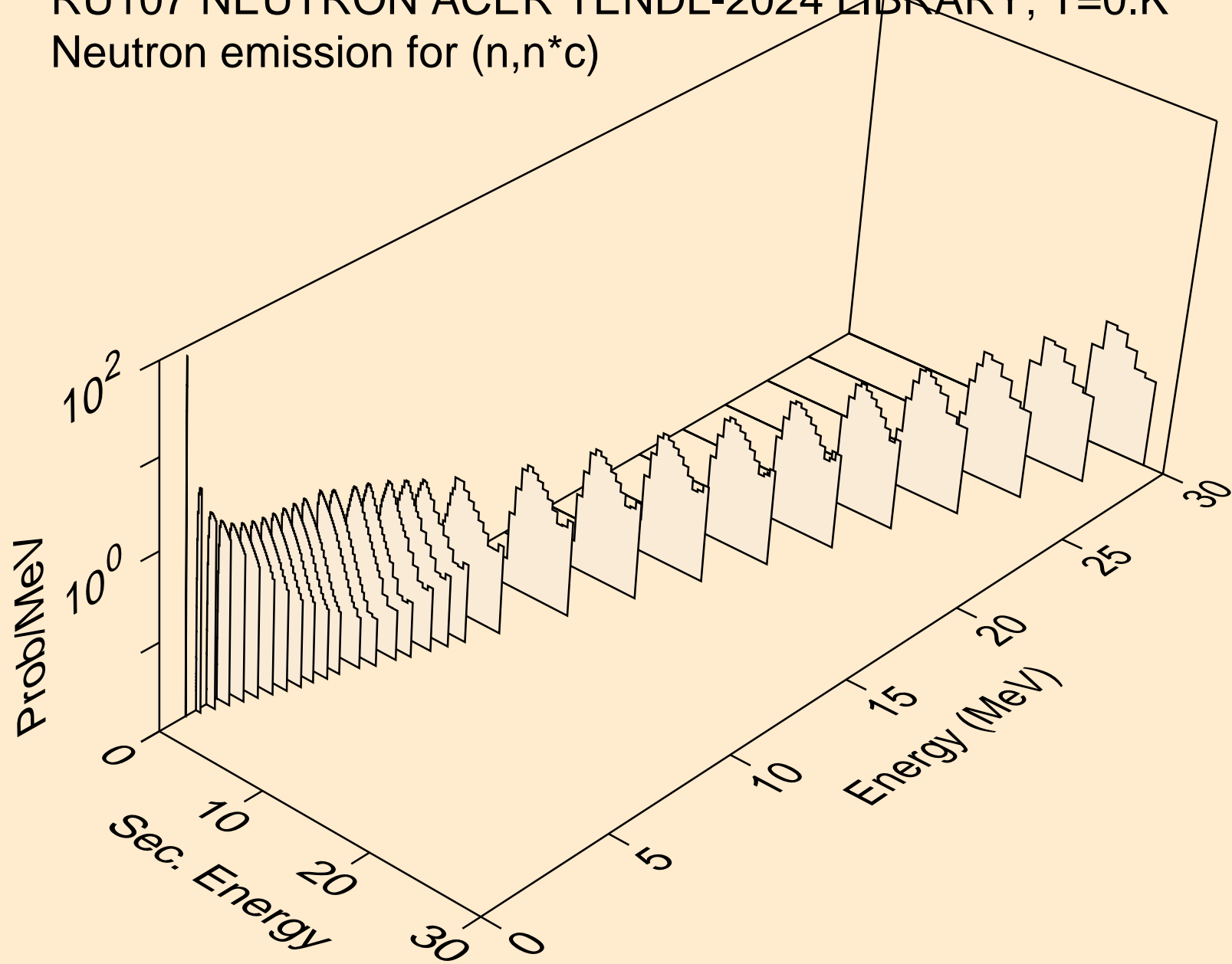
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



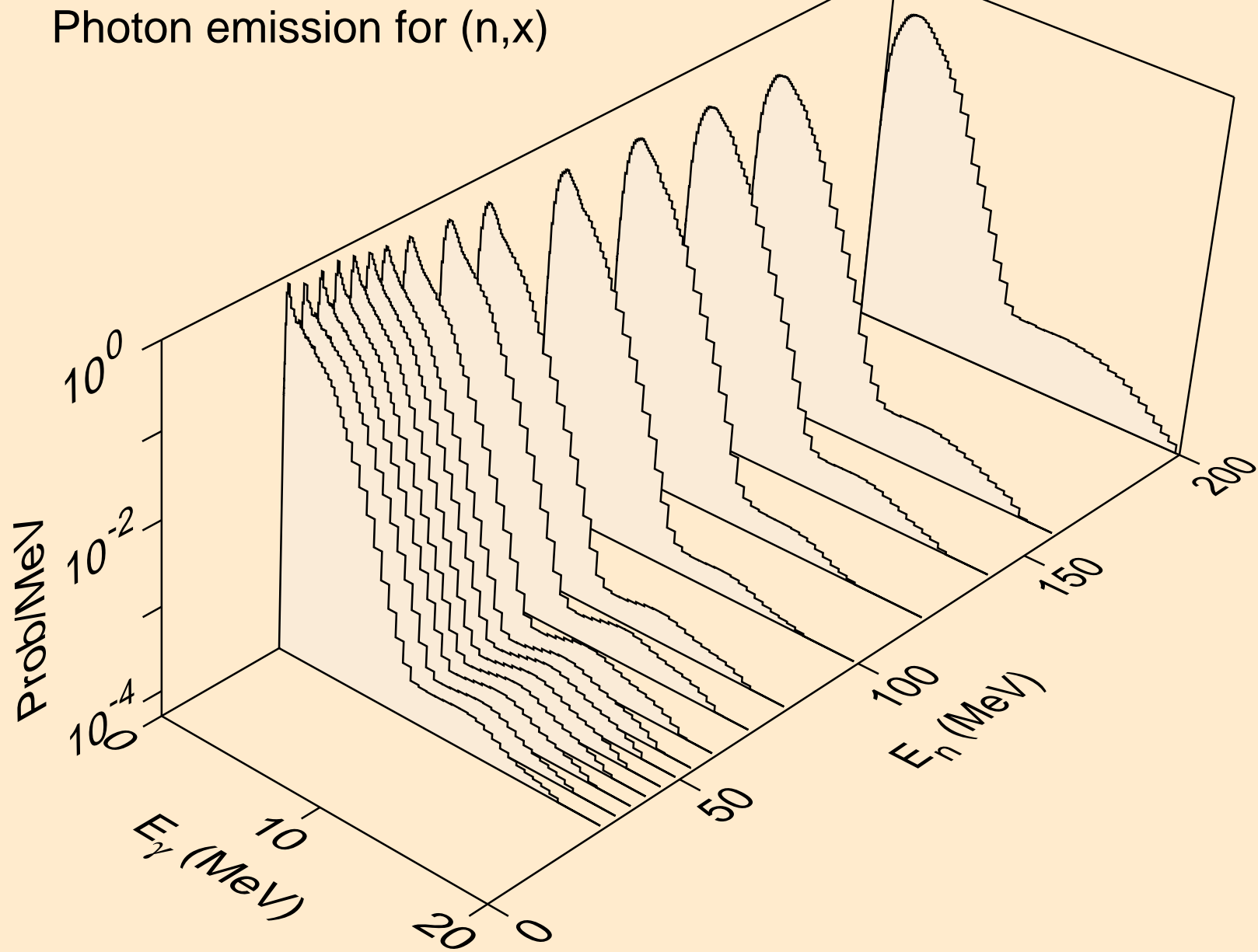
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



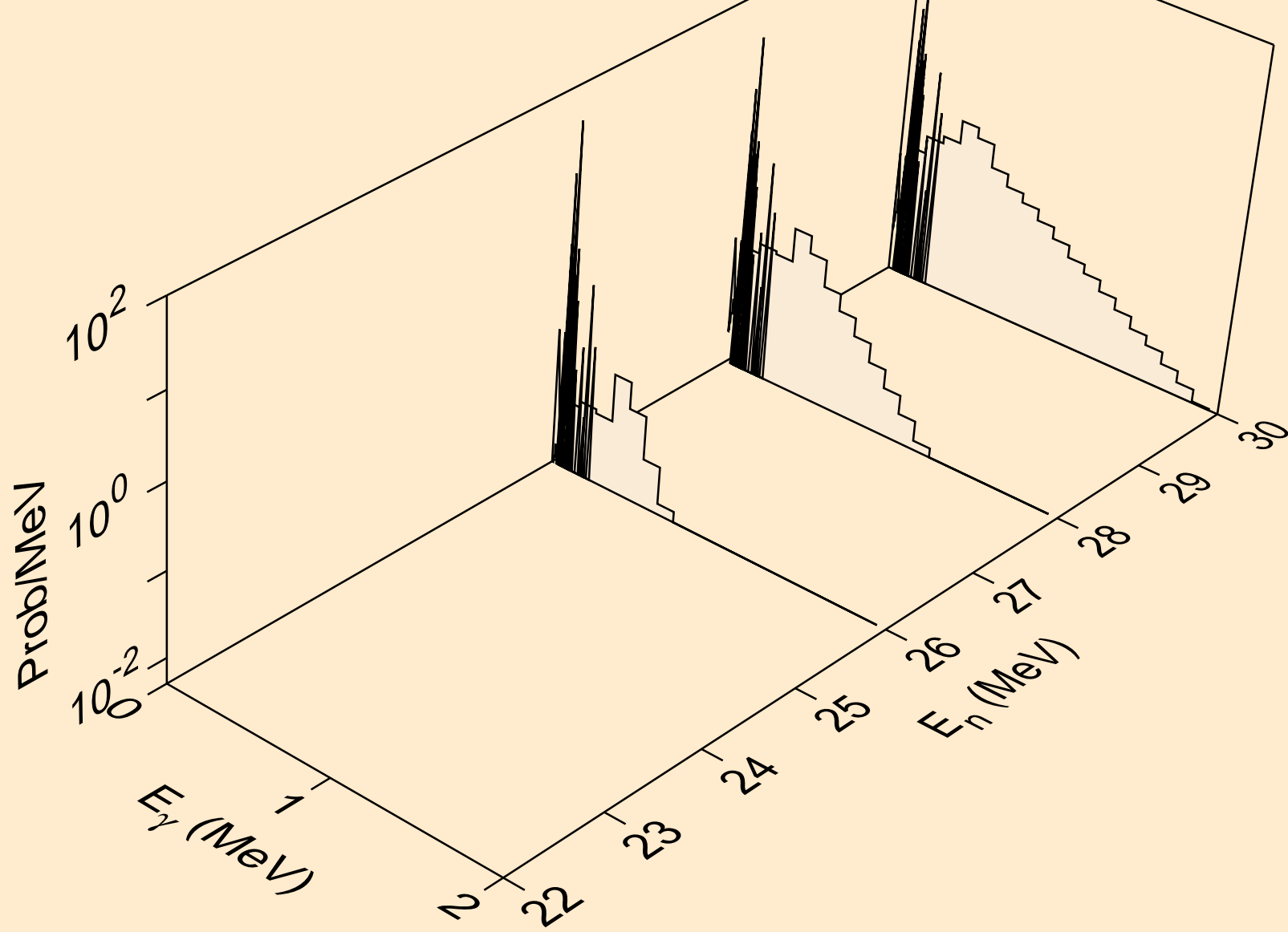
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



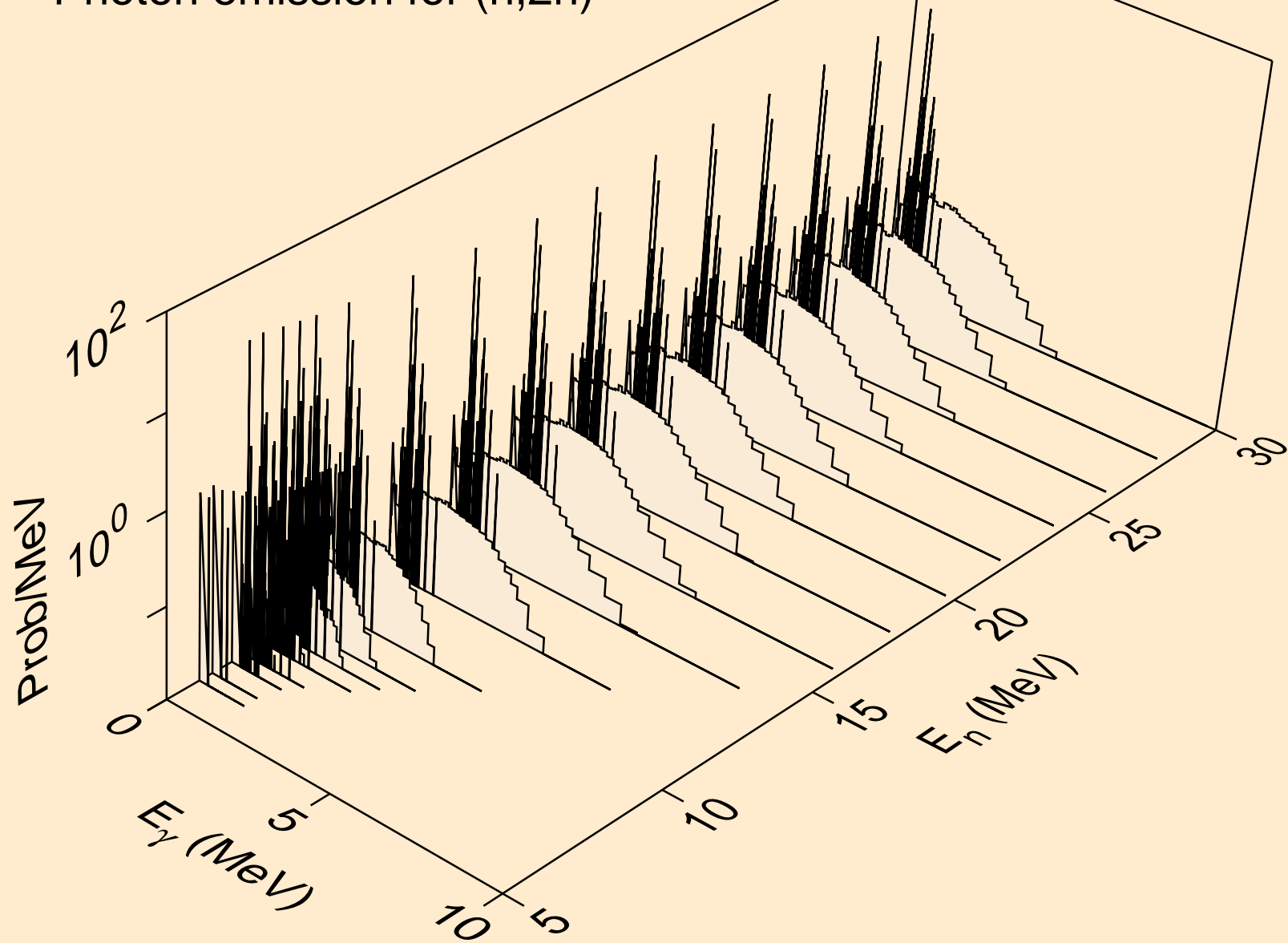
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



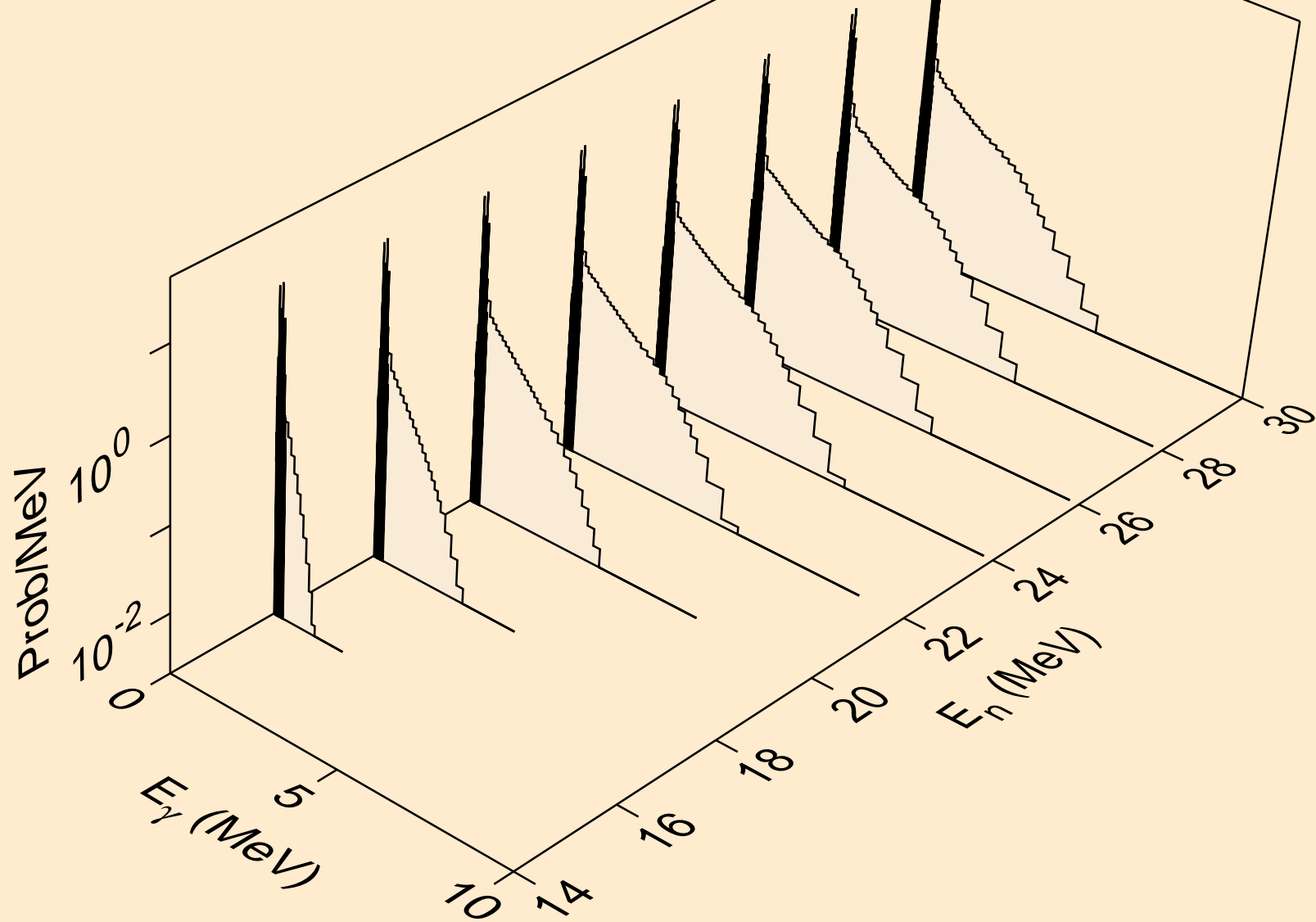
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



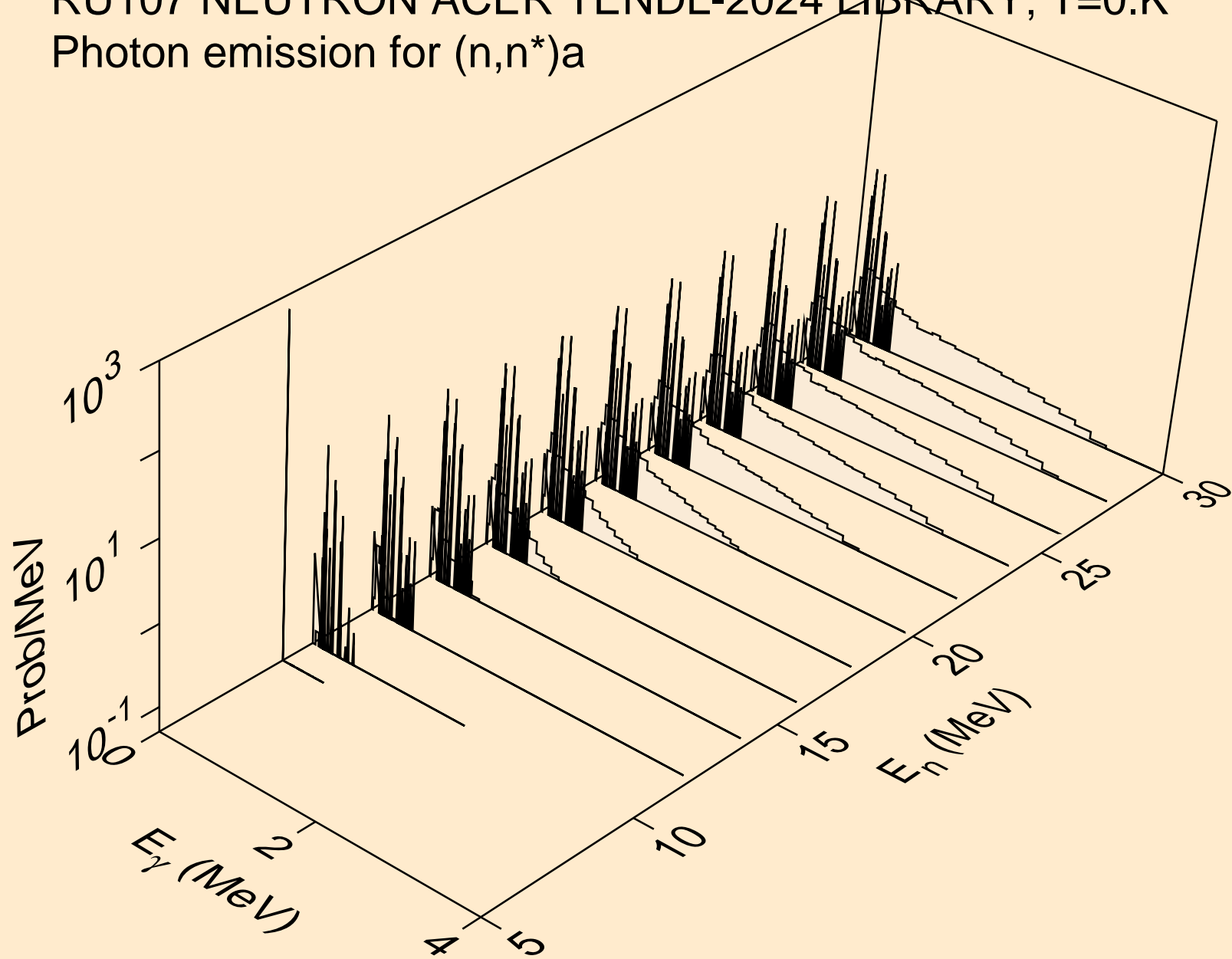
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



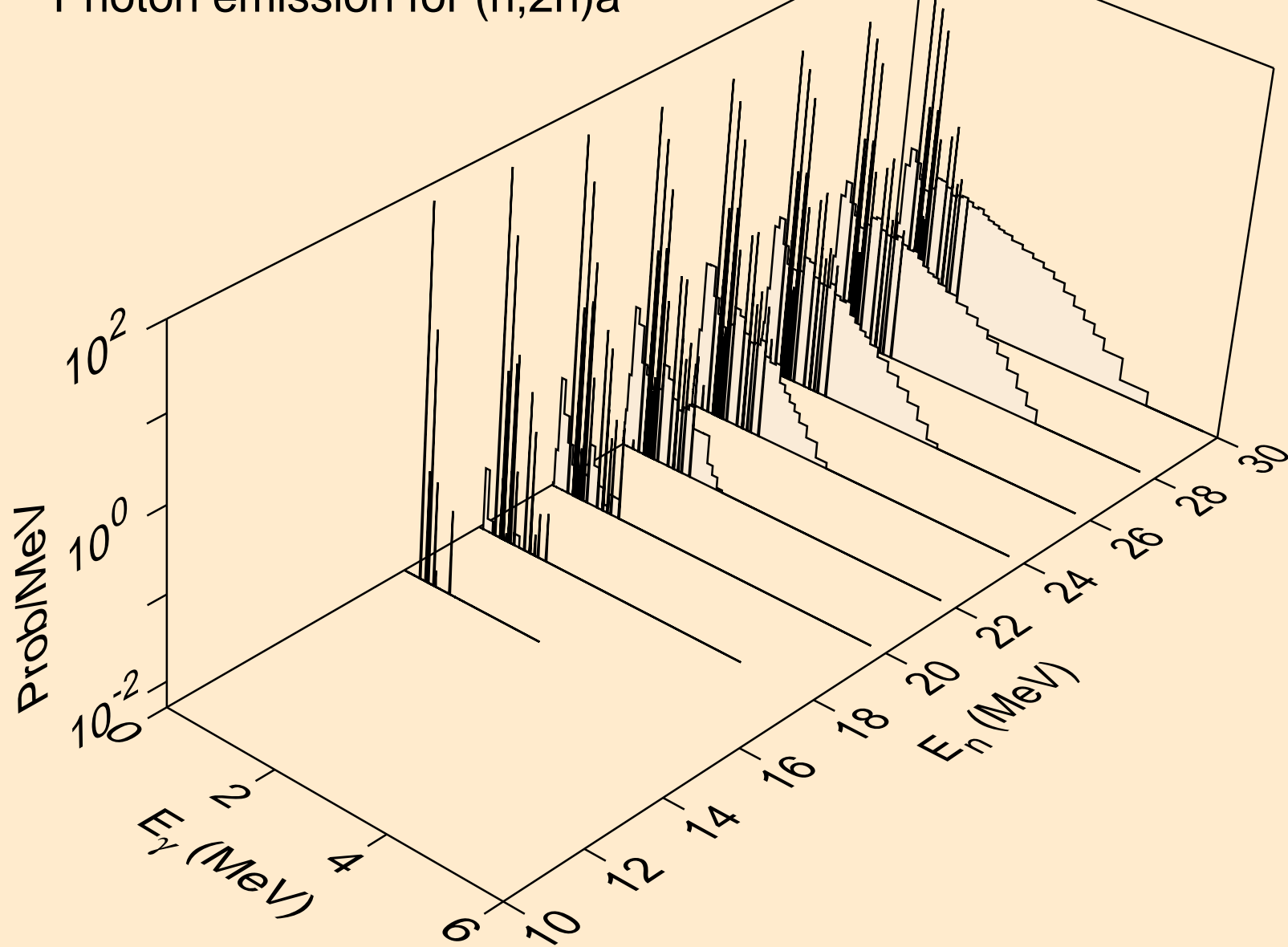
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



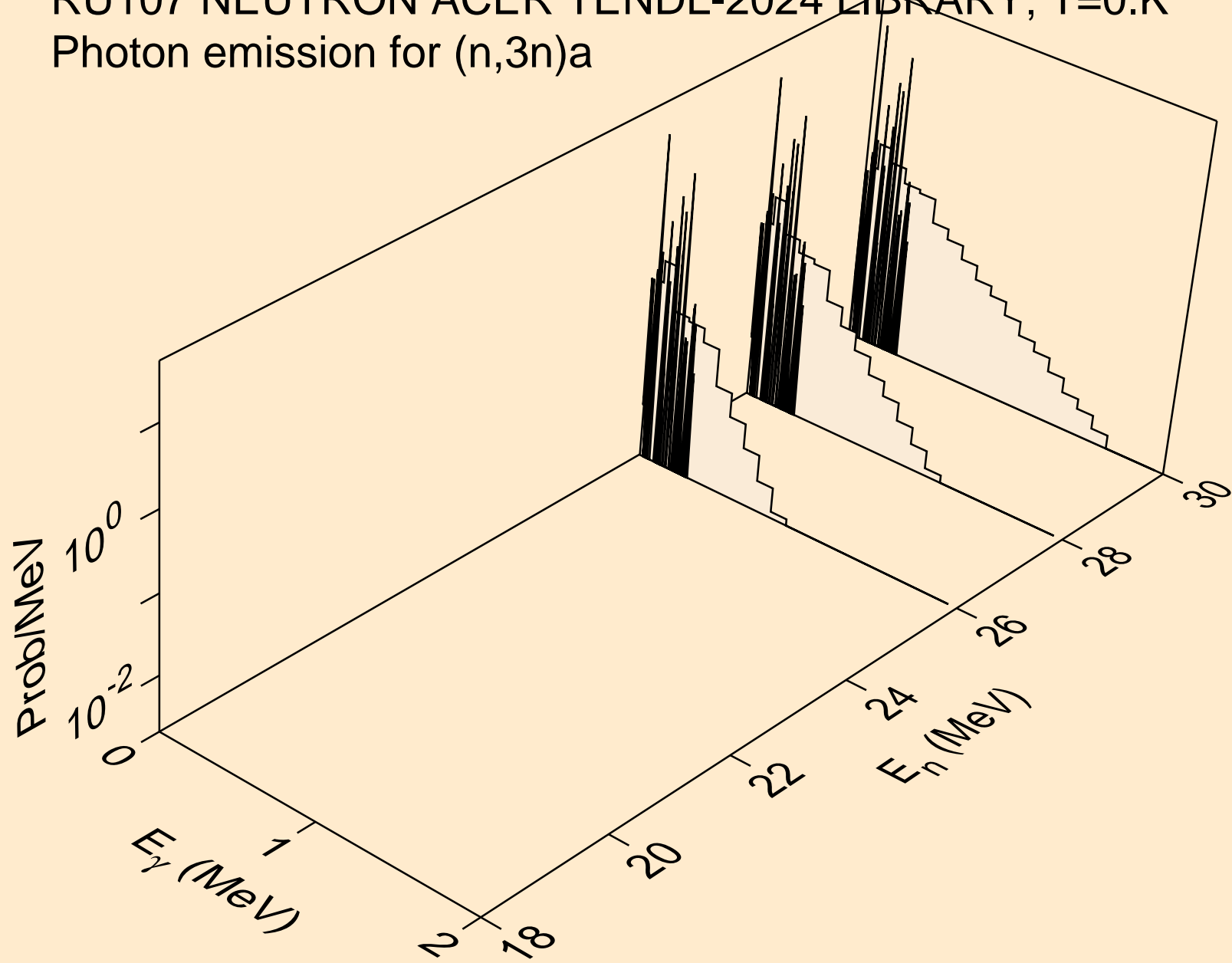
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



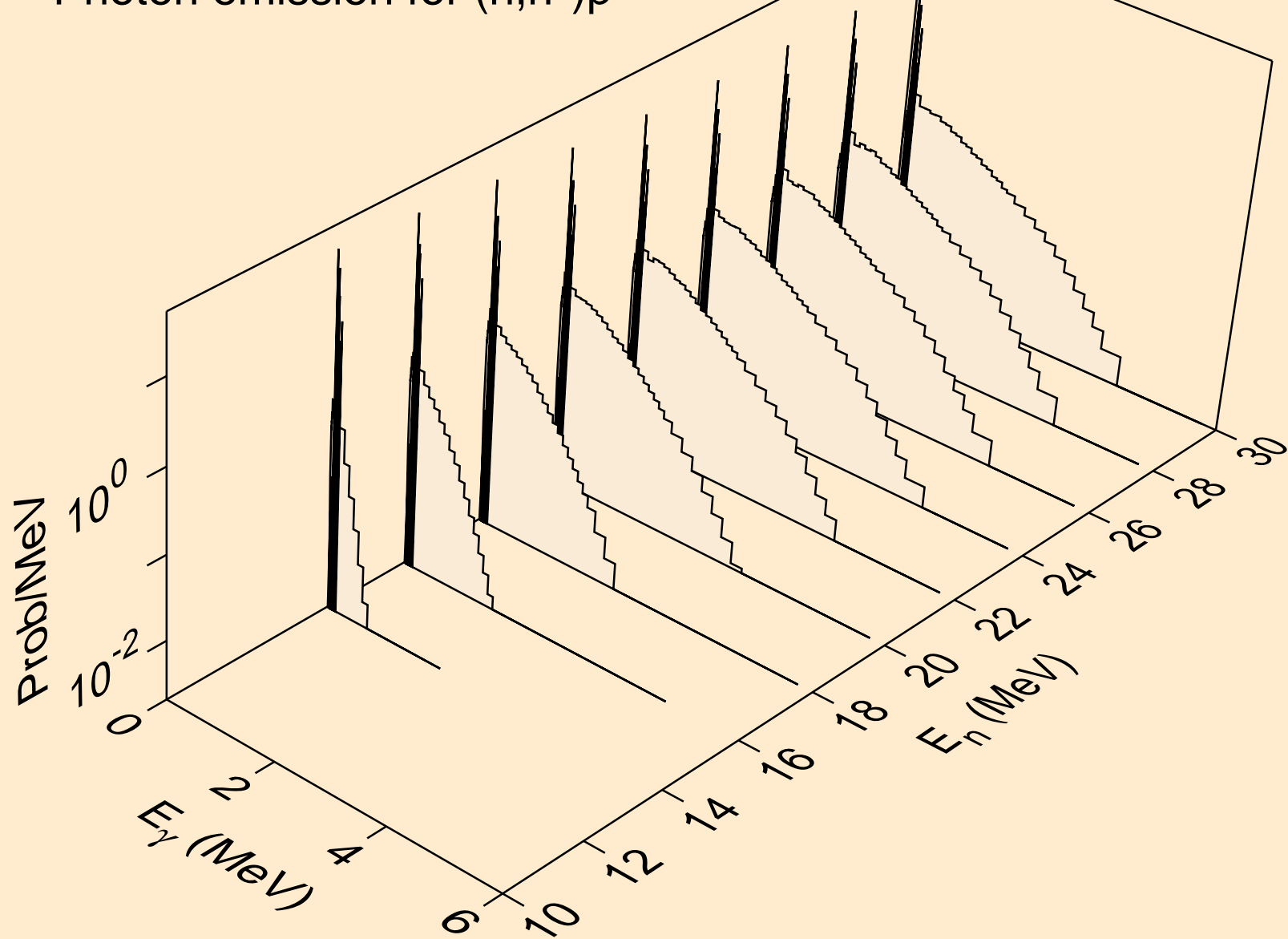
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



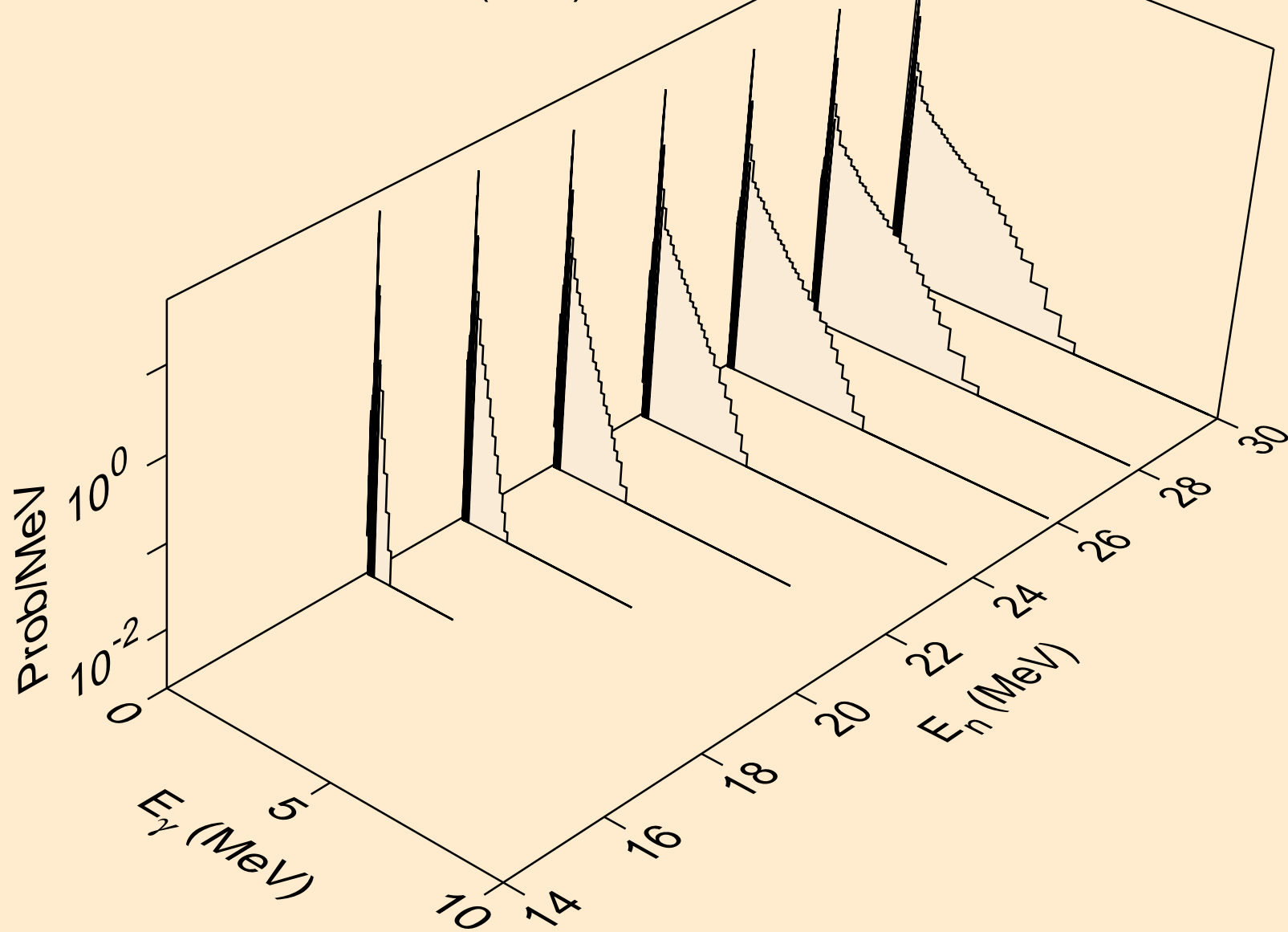
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a



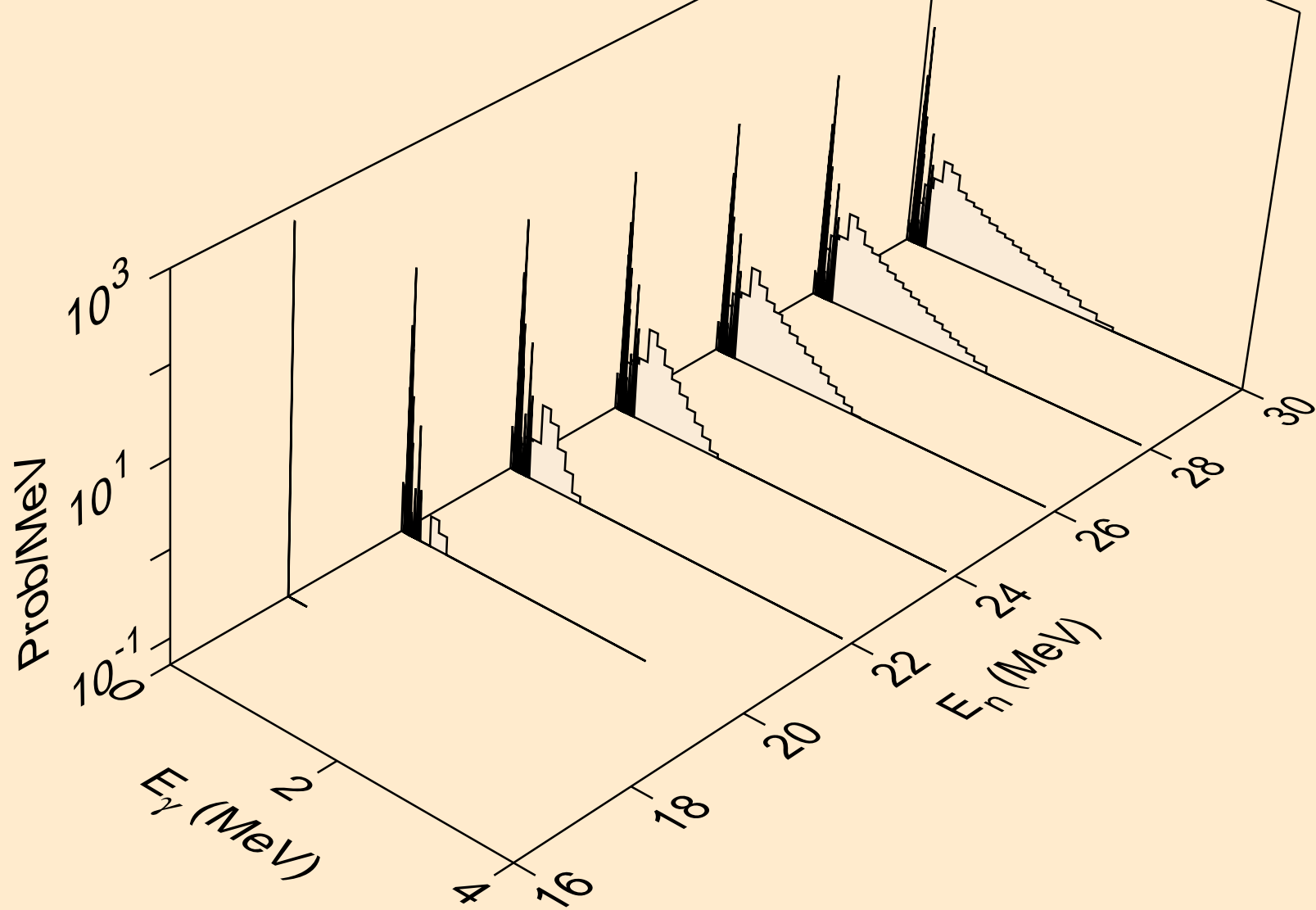
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



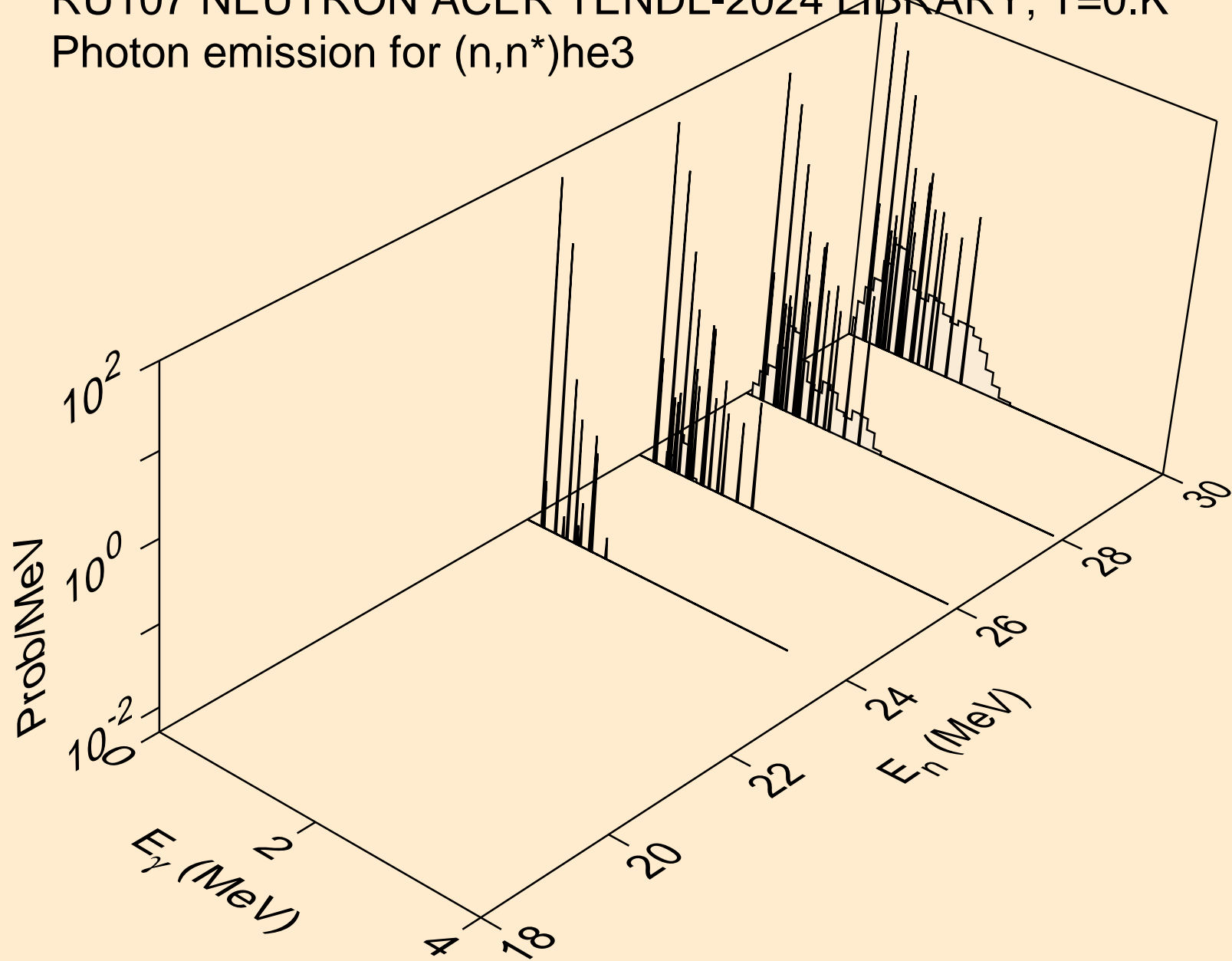
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



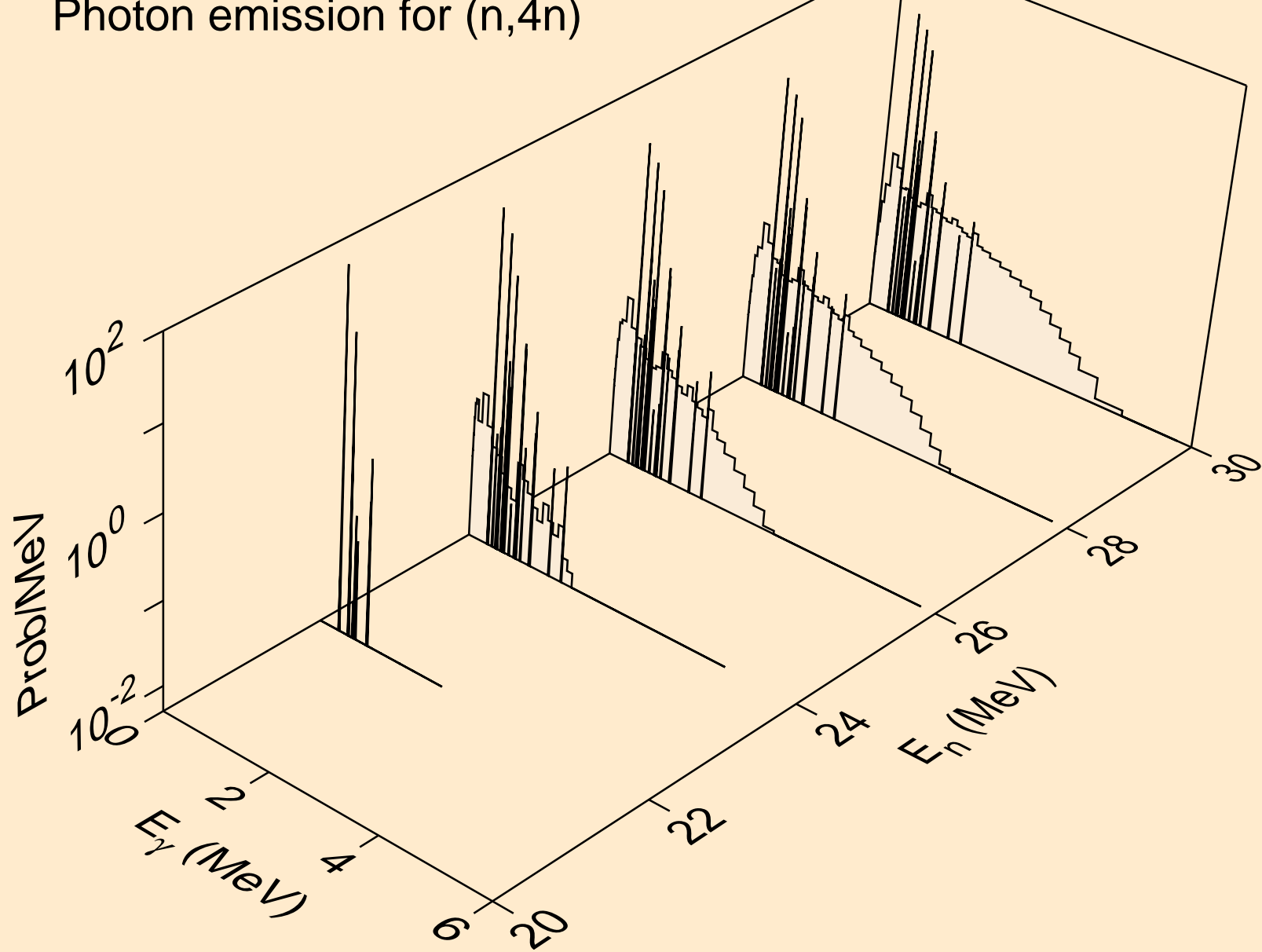
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



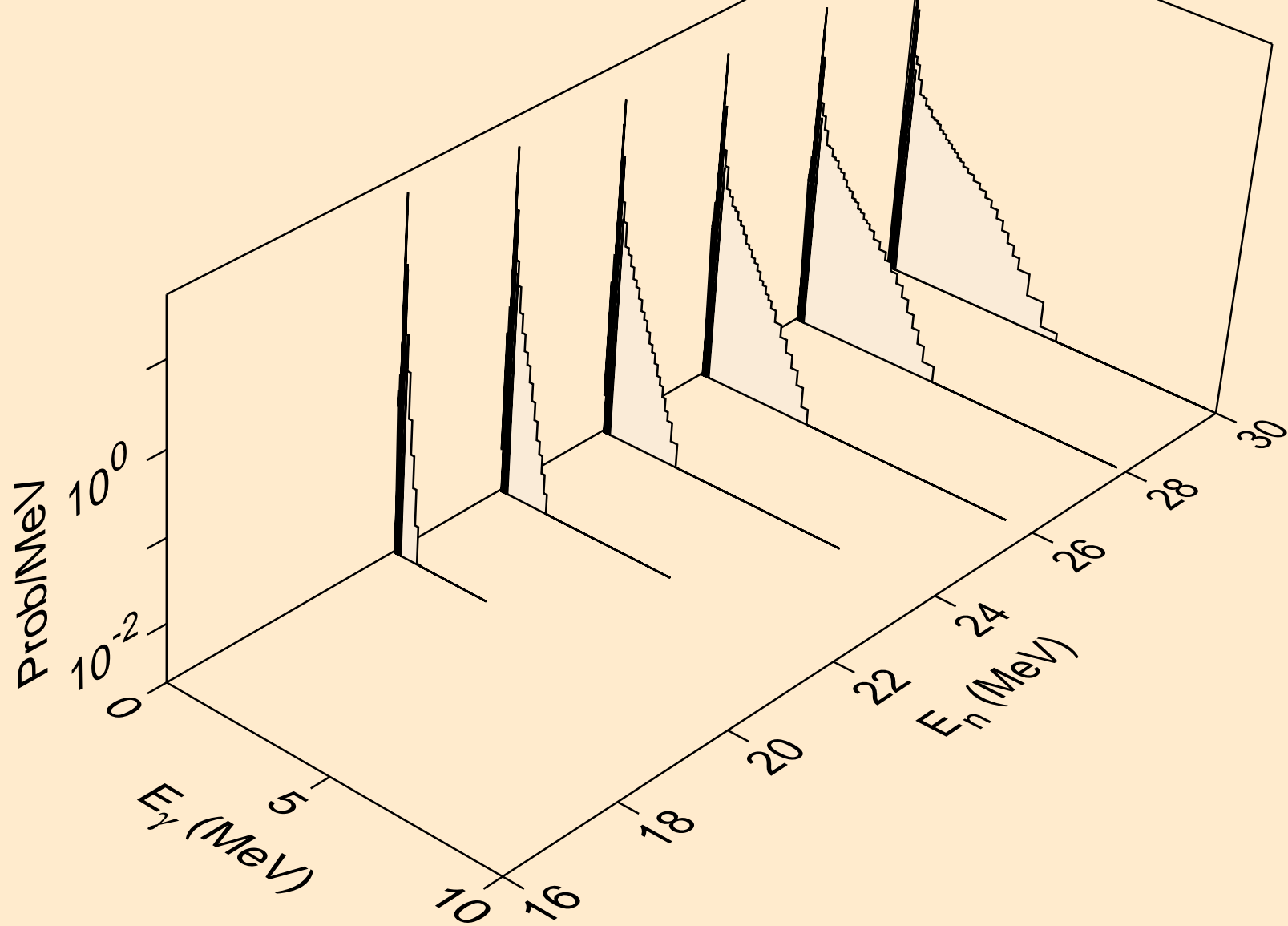
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



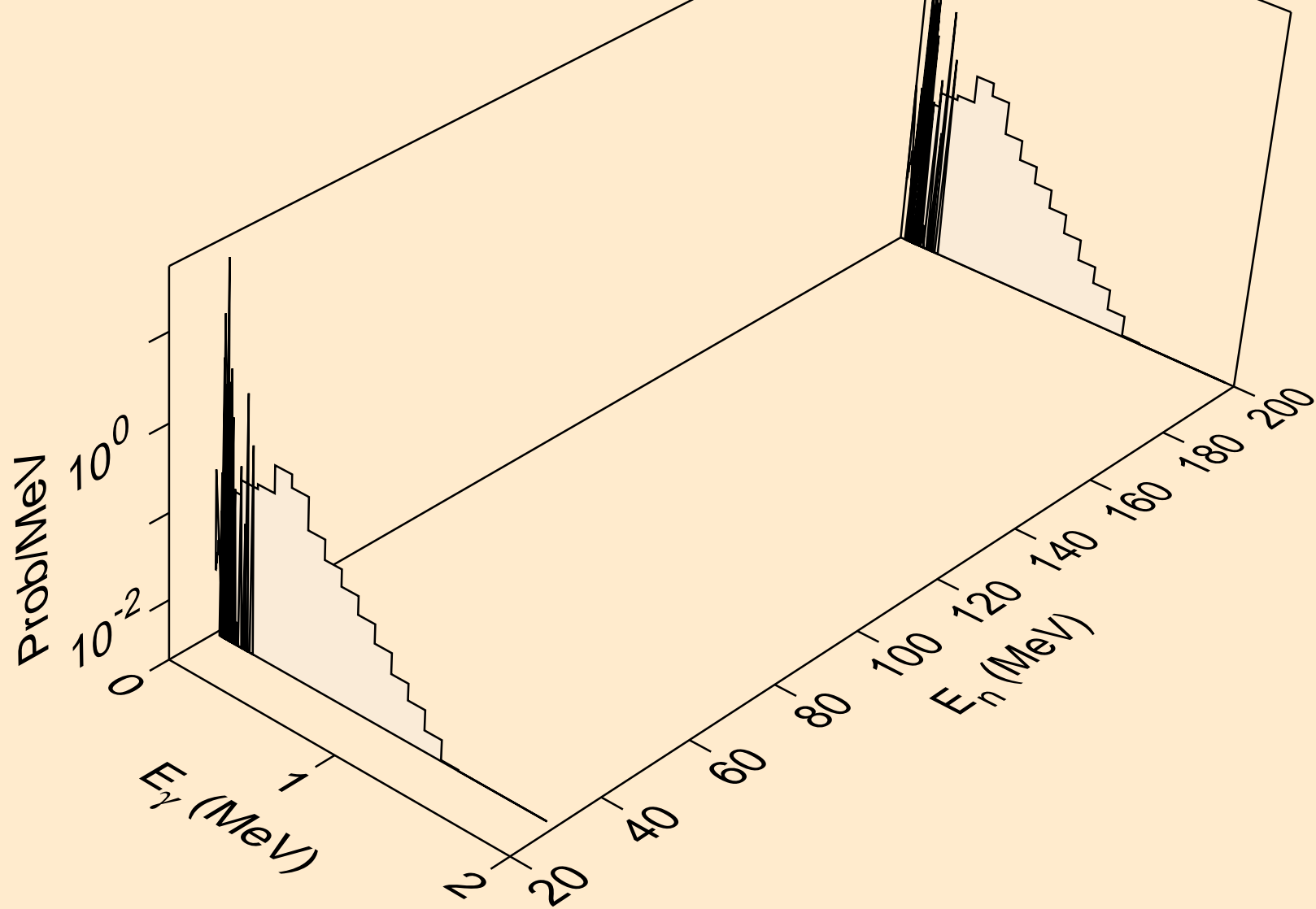
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



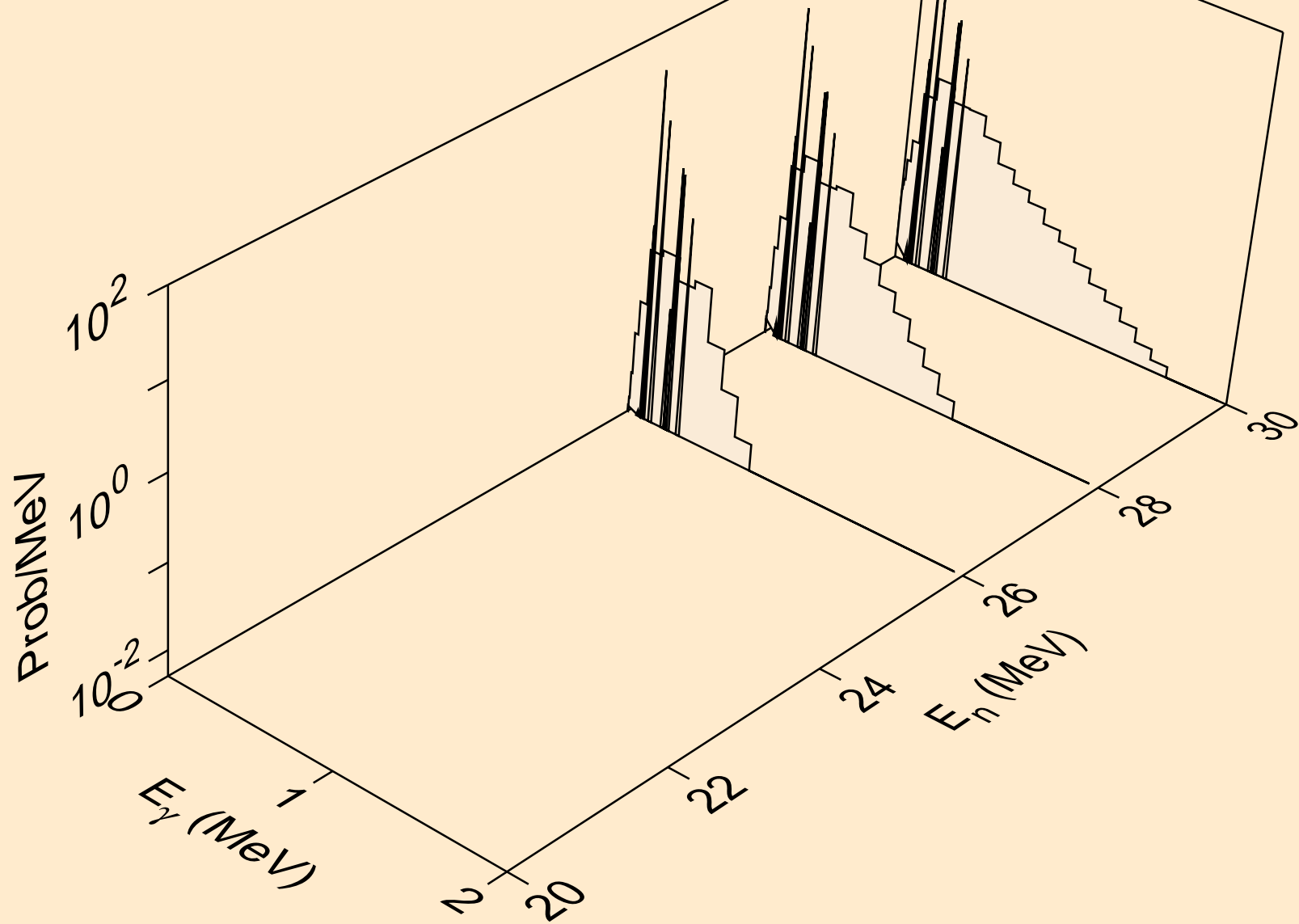
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



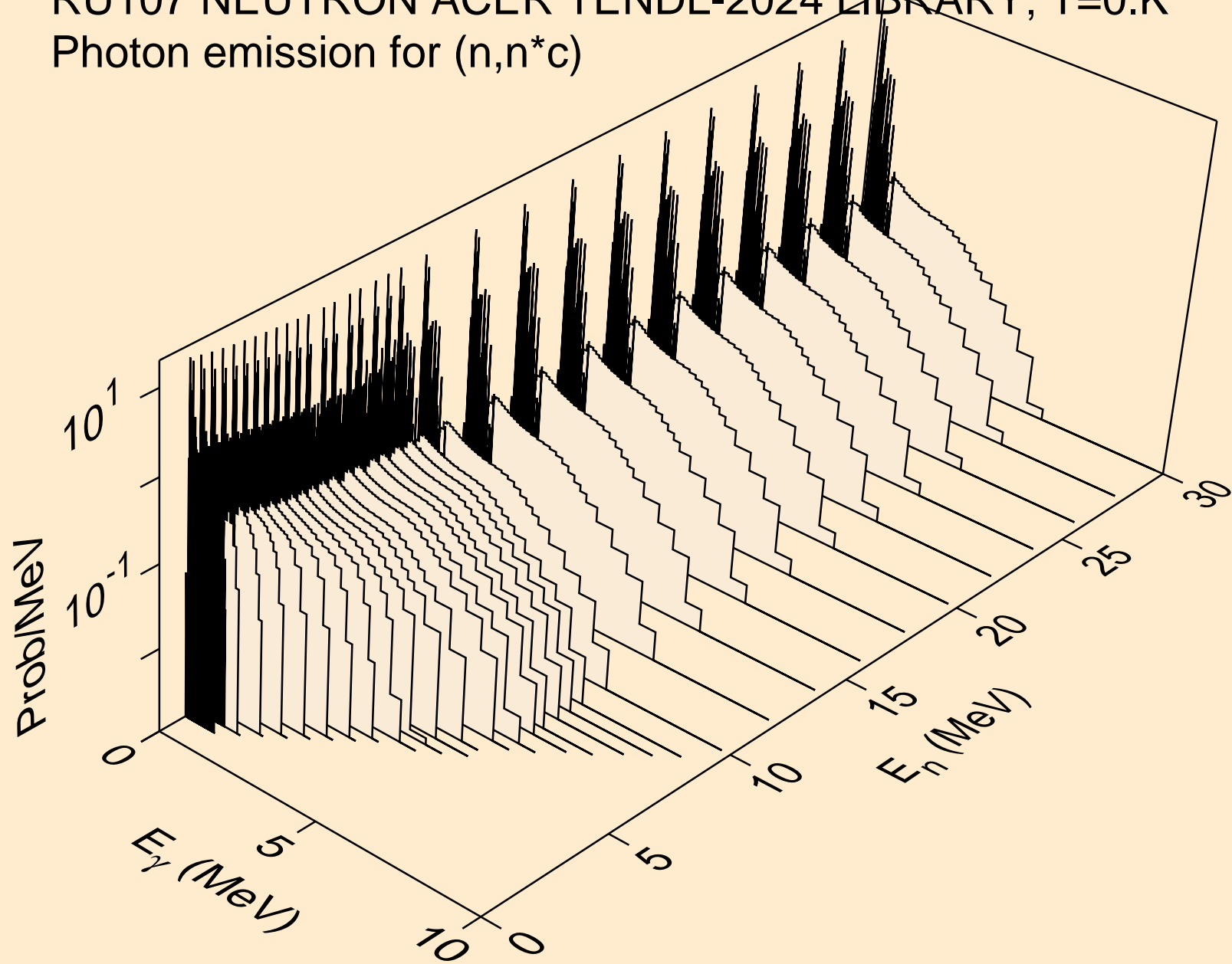
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



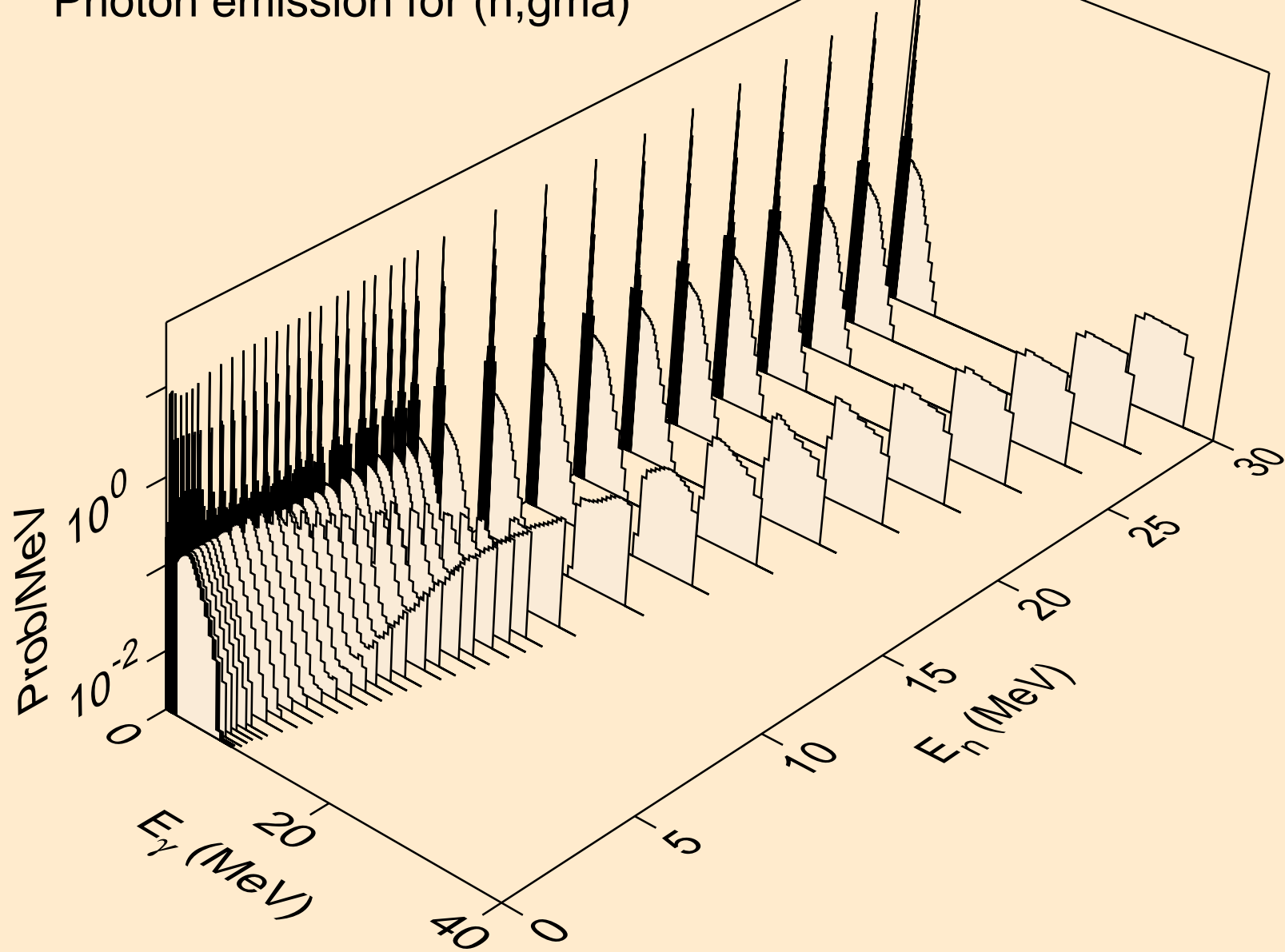
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



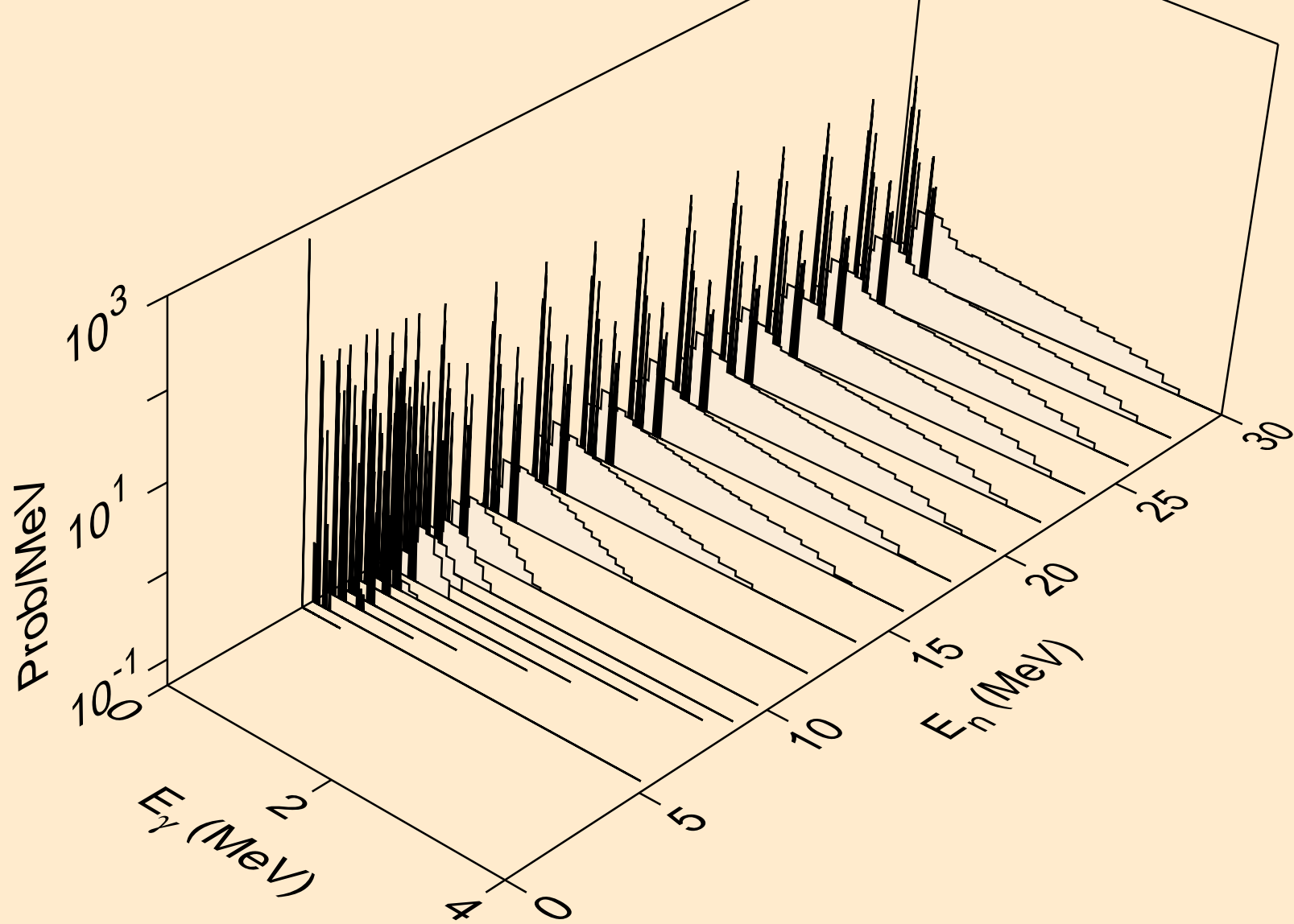
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



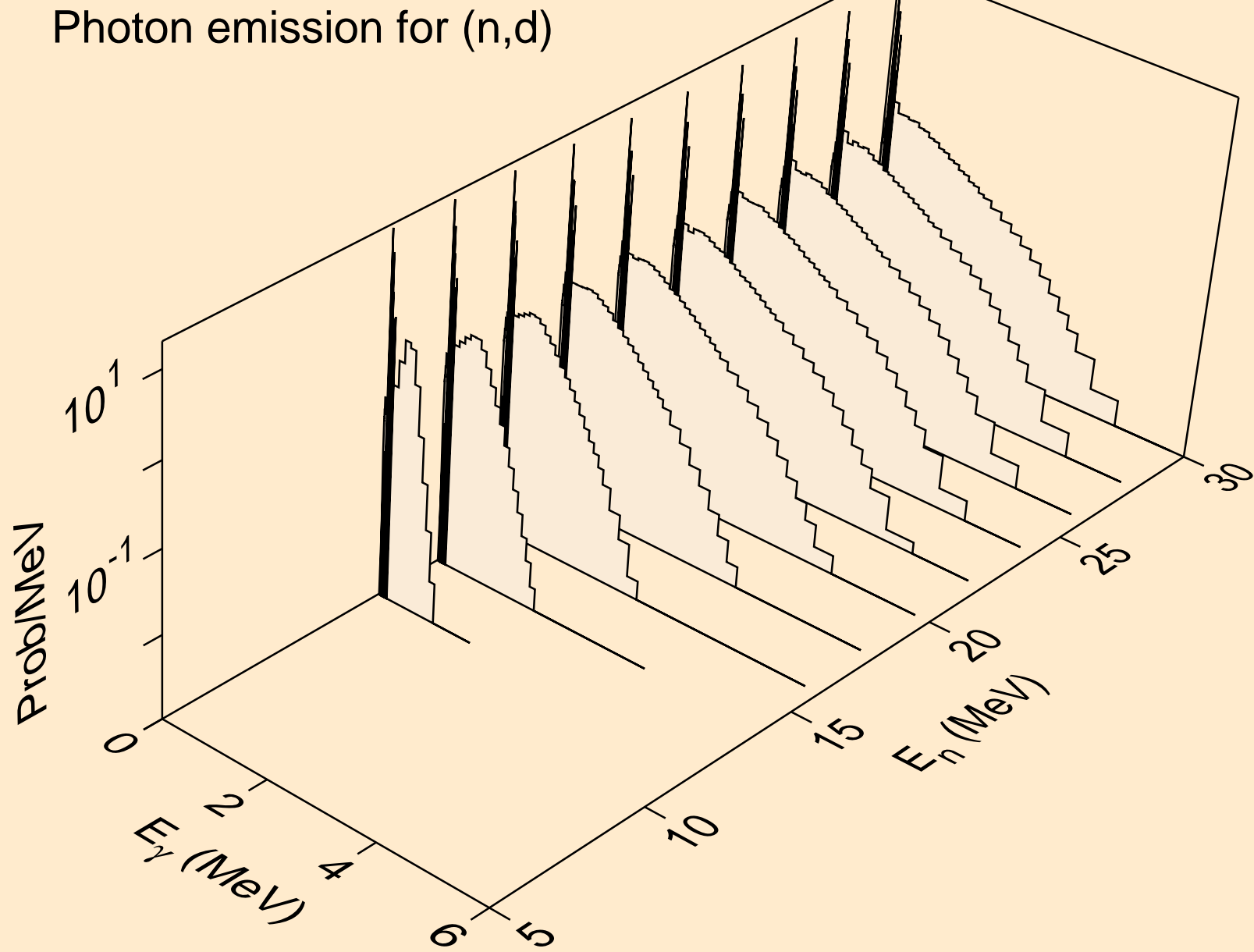
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



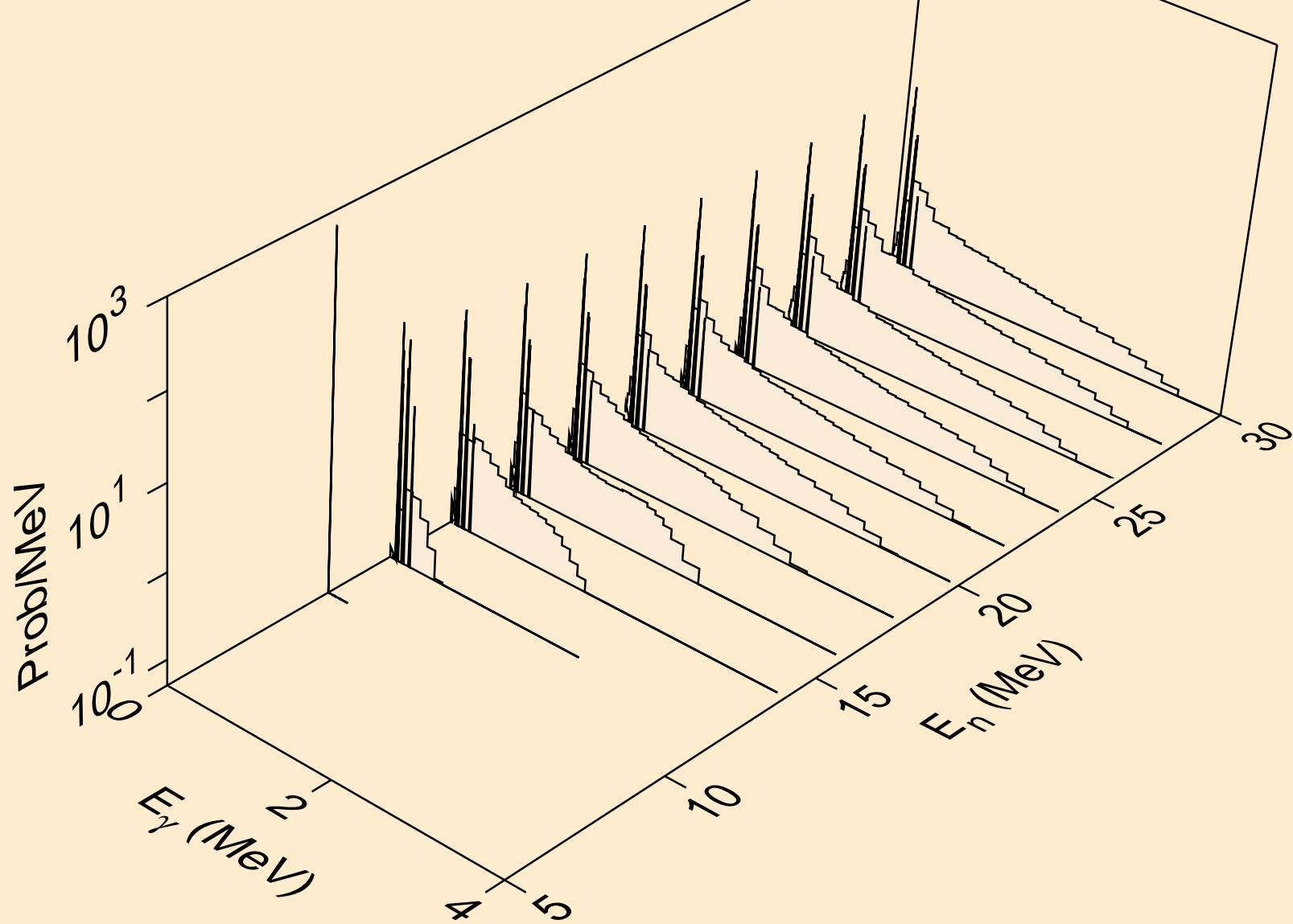
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



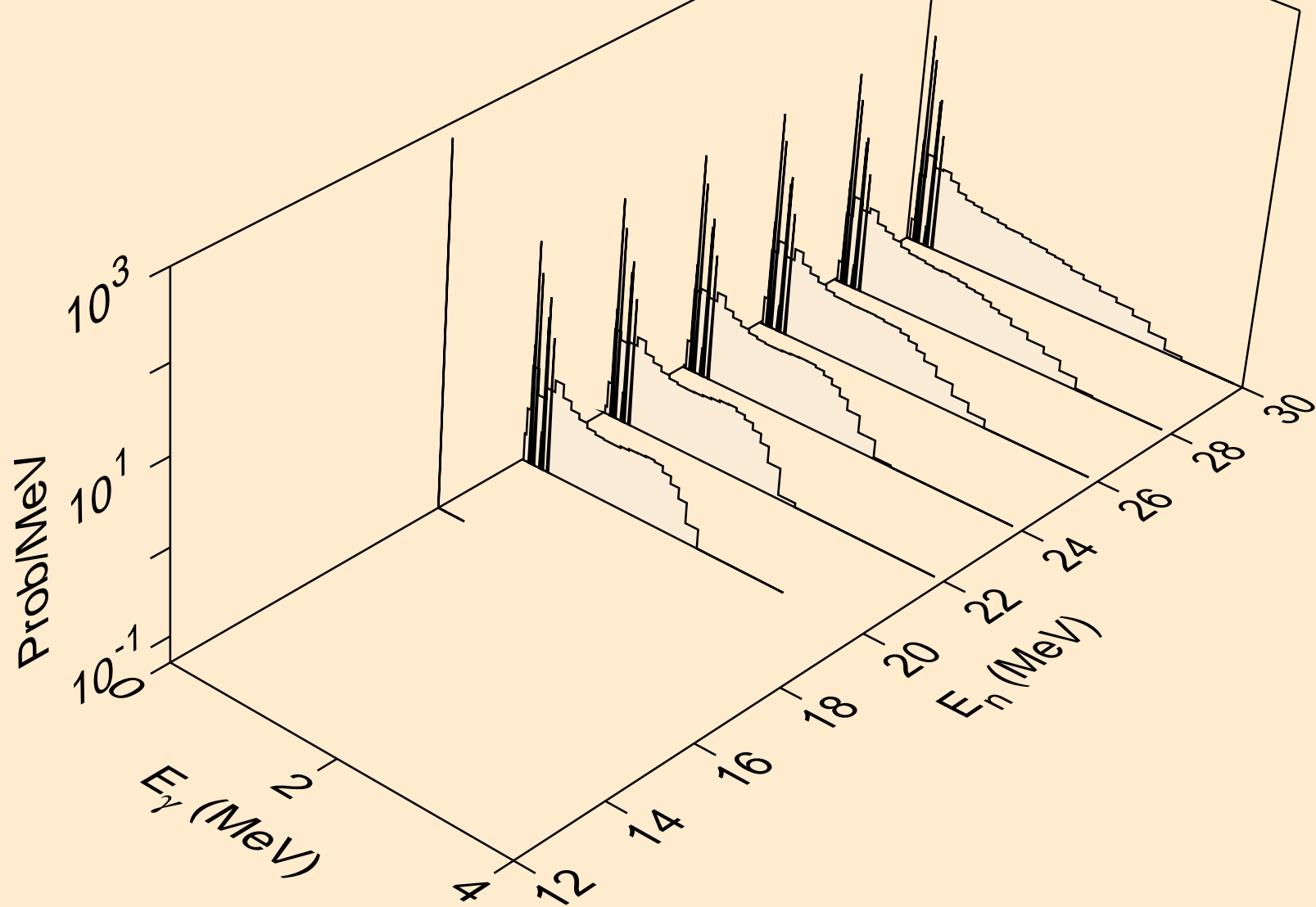
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



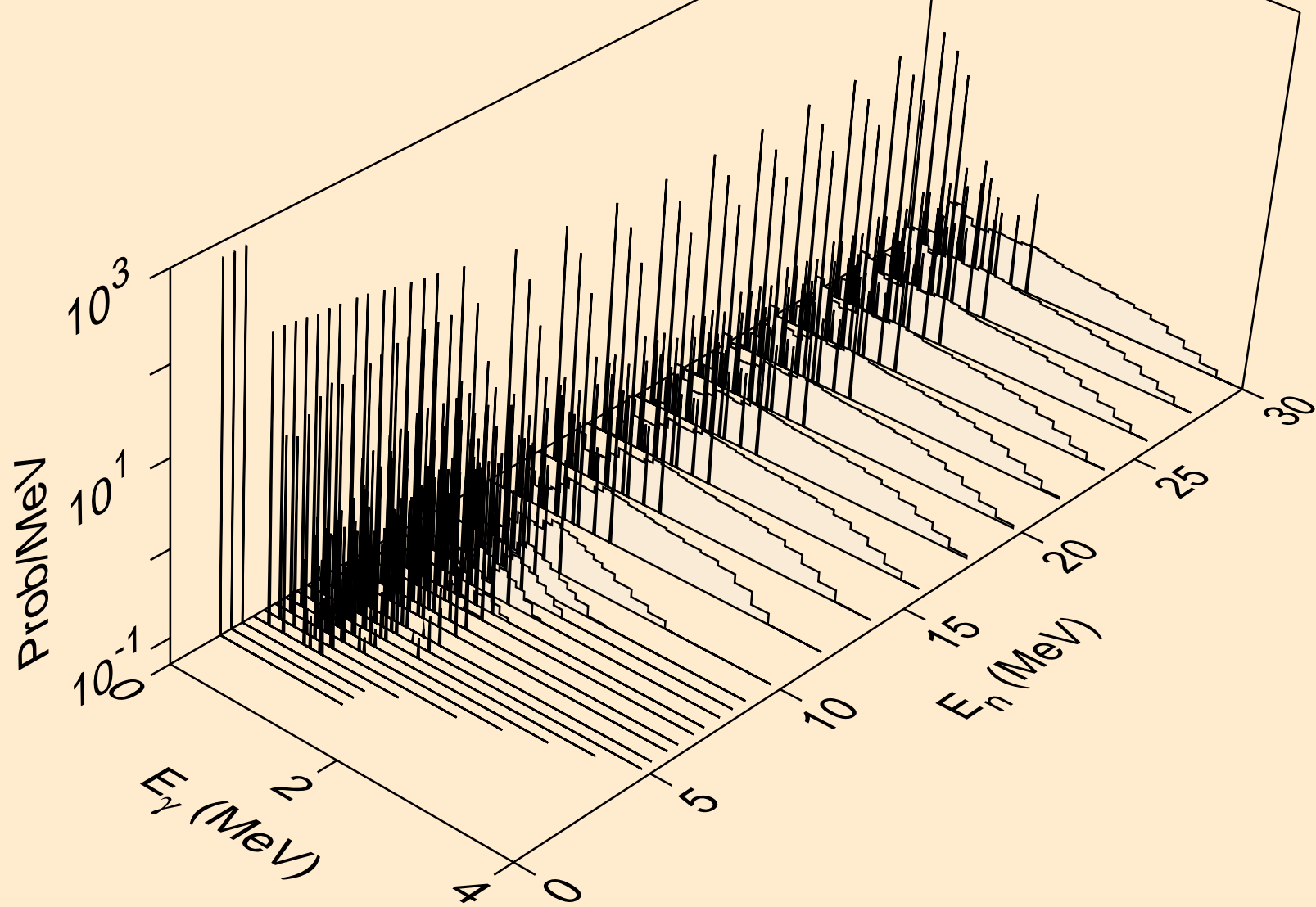
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



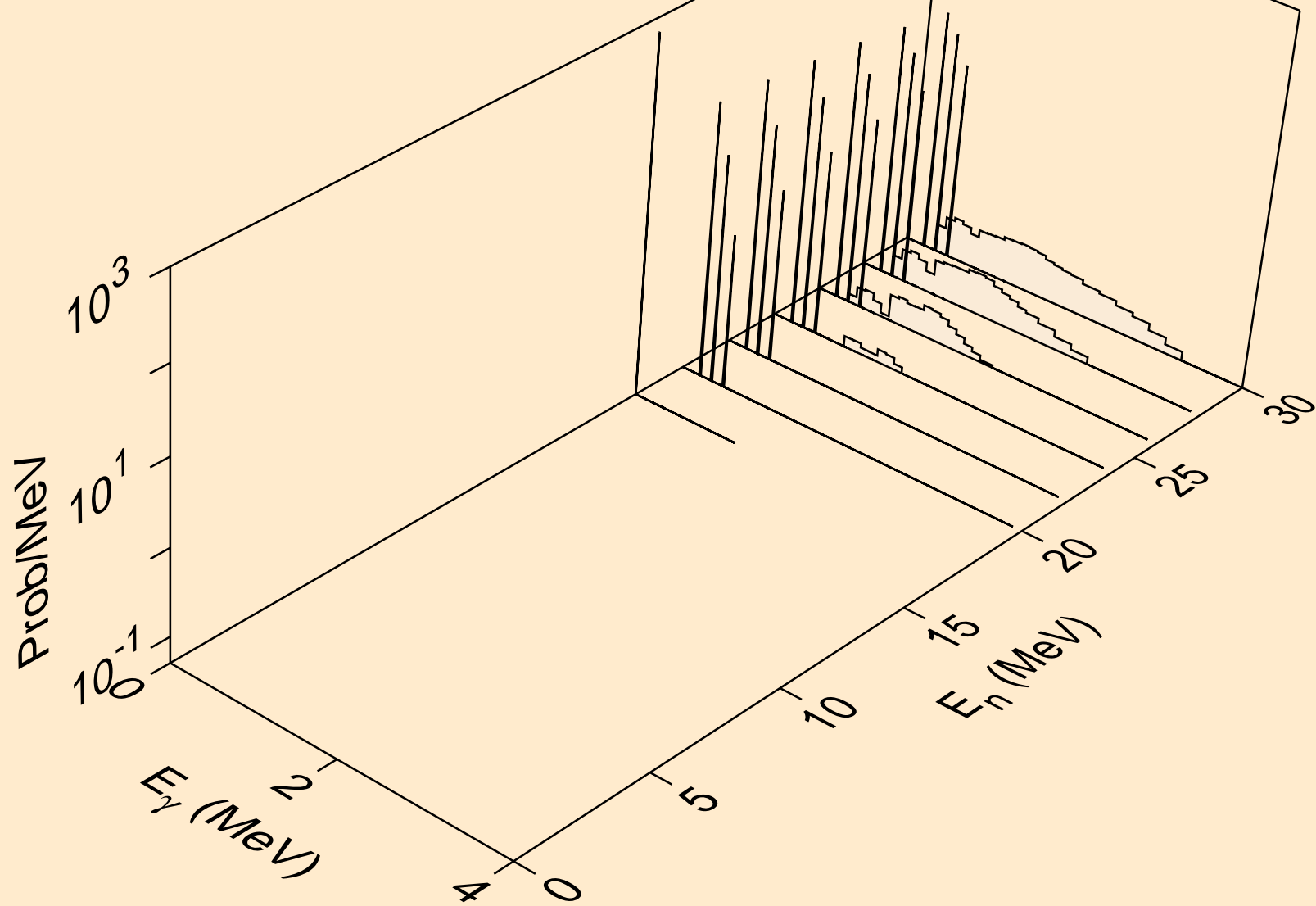
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



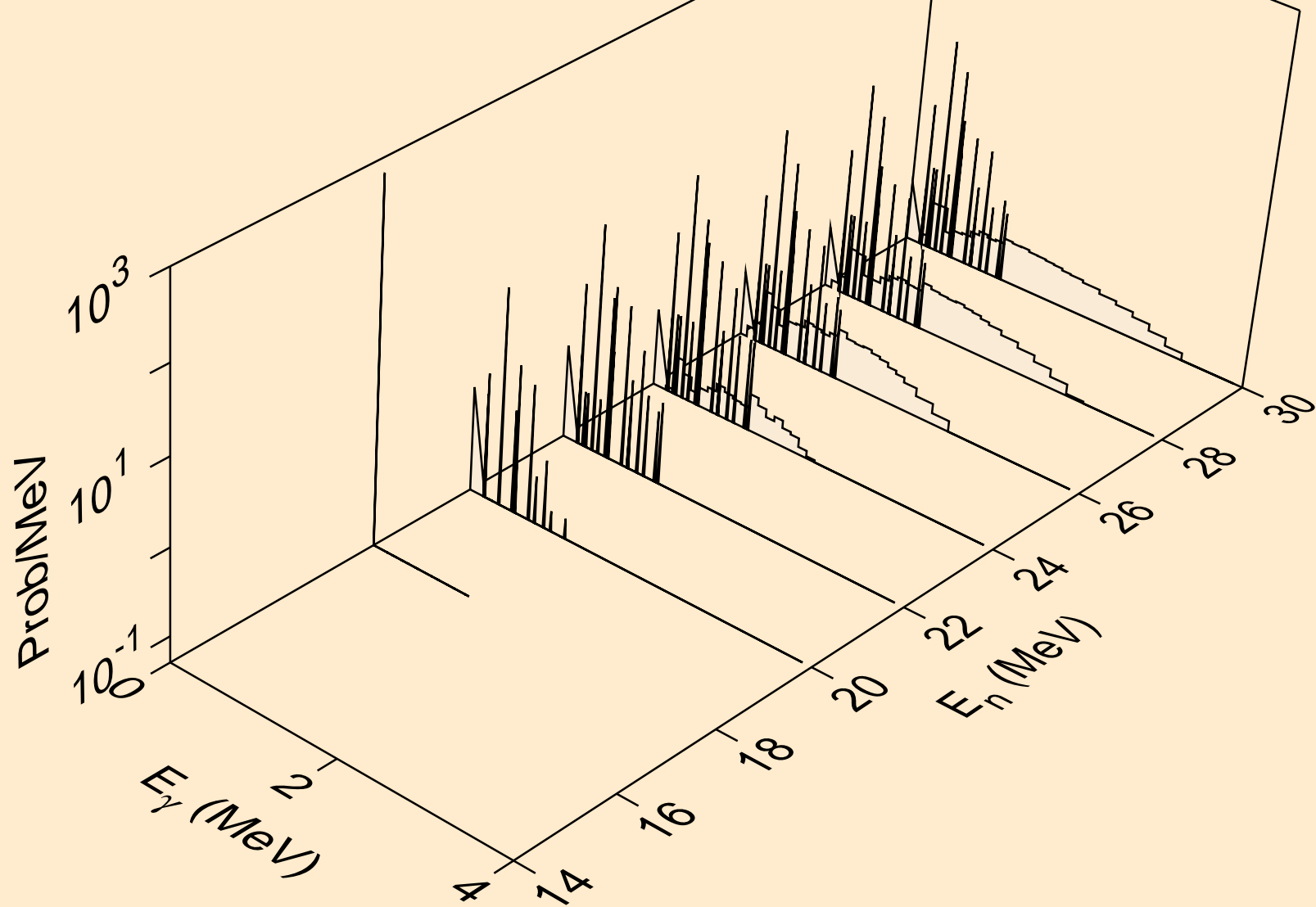
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



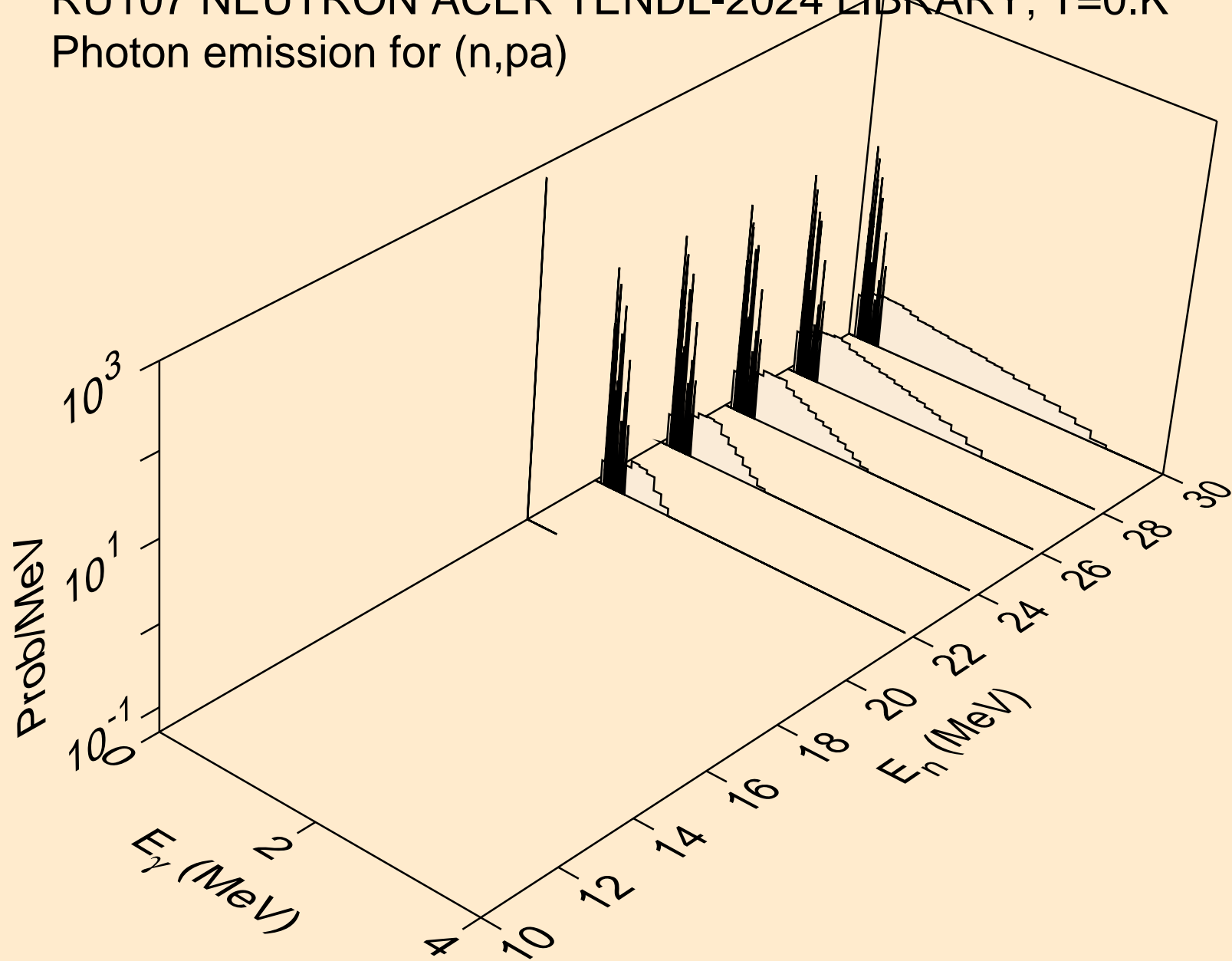
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



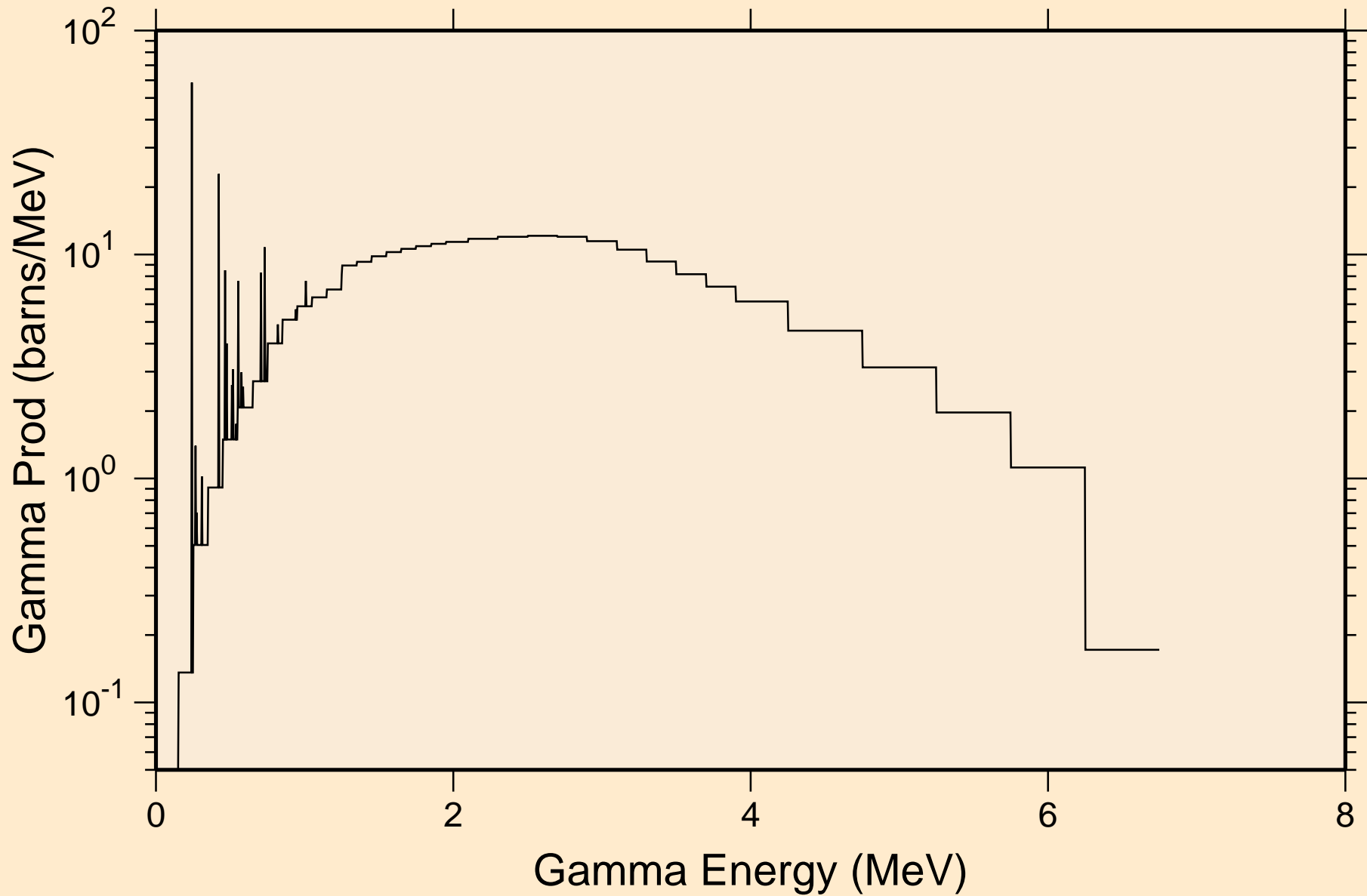
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



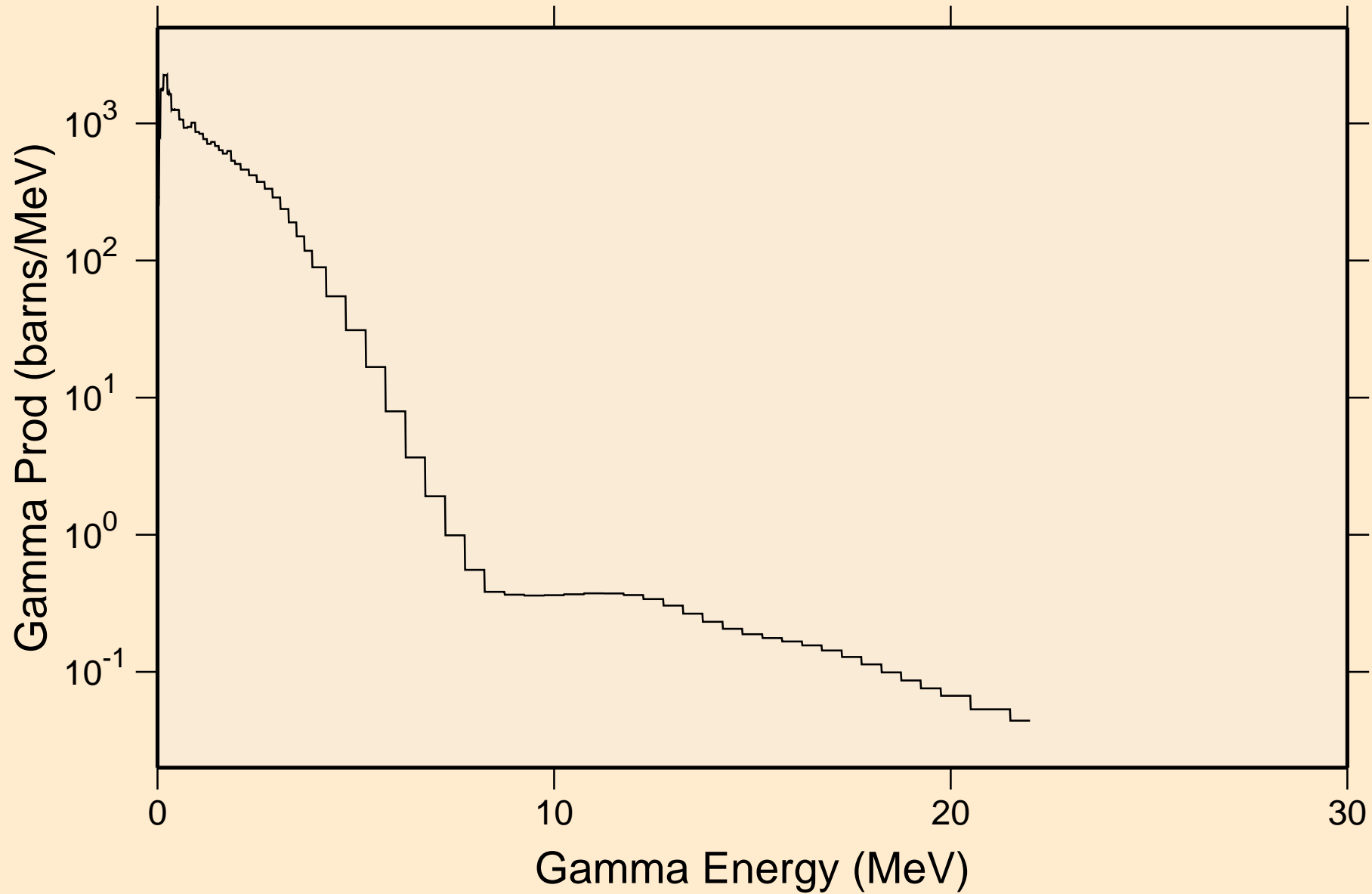
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

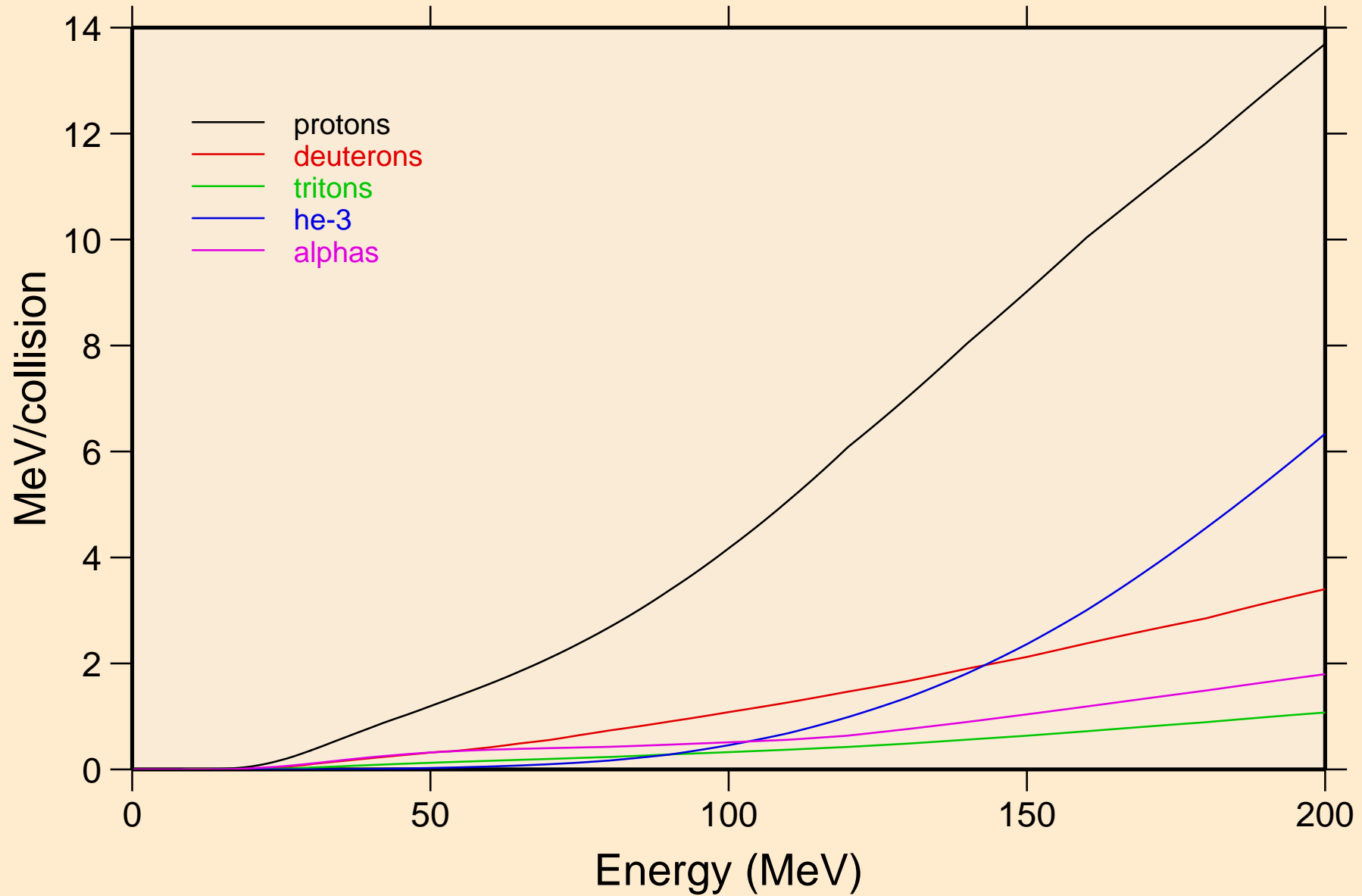


RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum



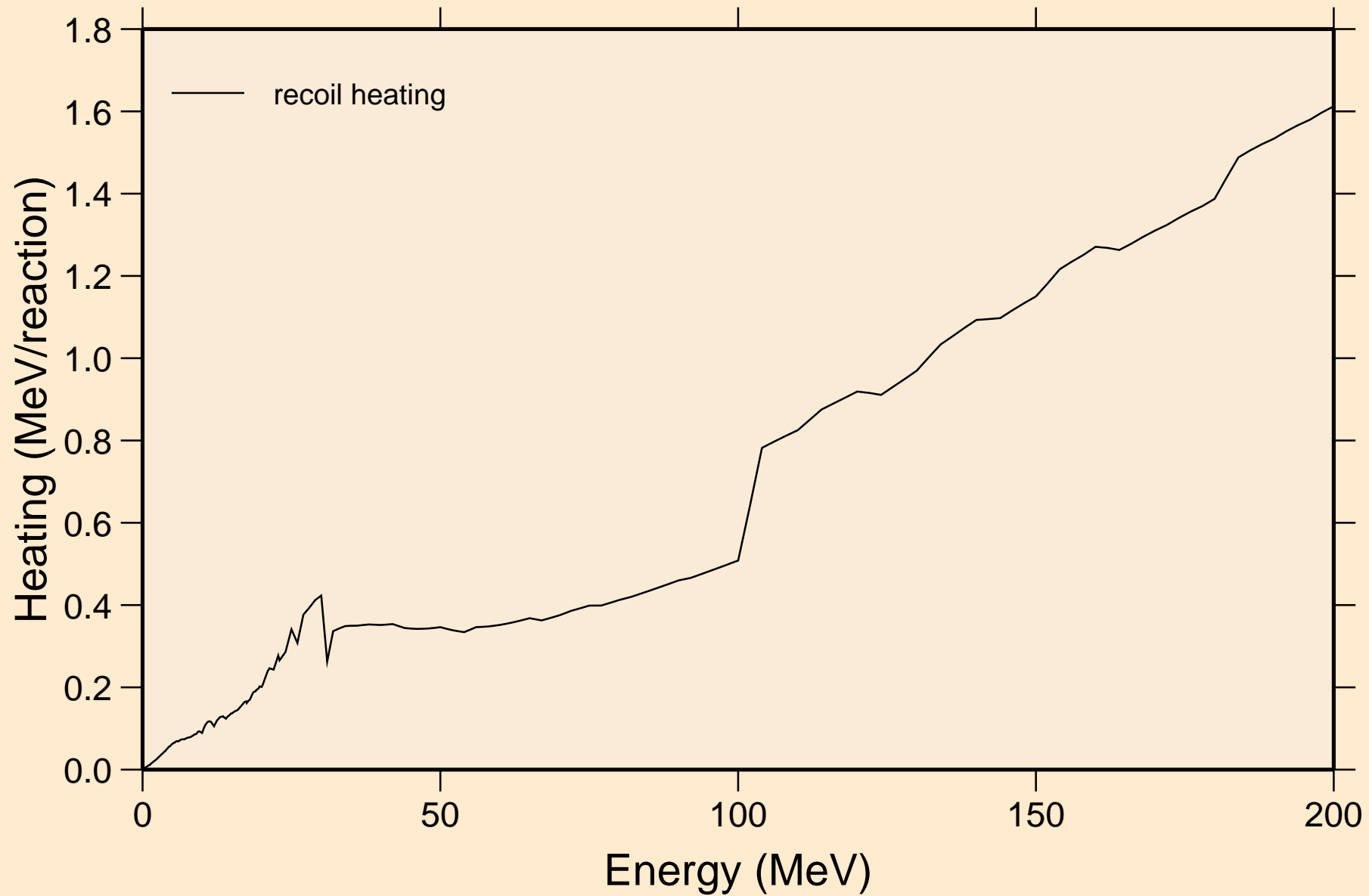
# RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions

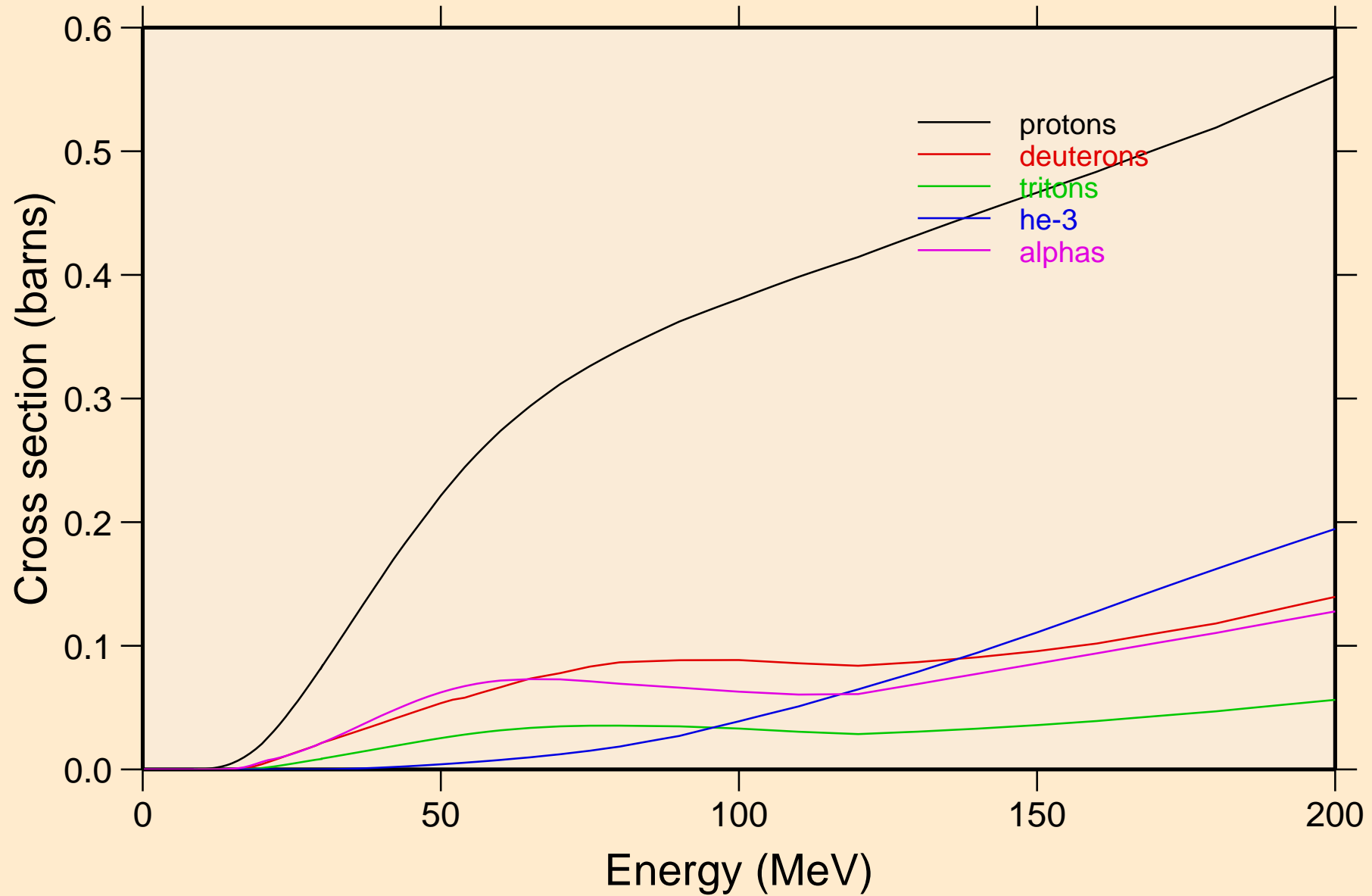


# RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

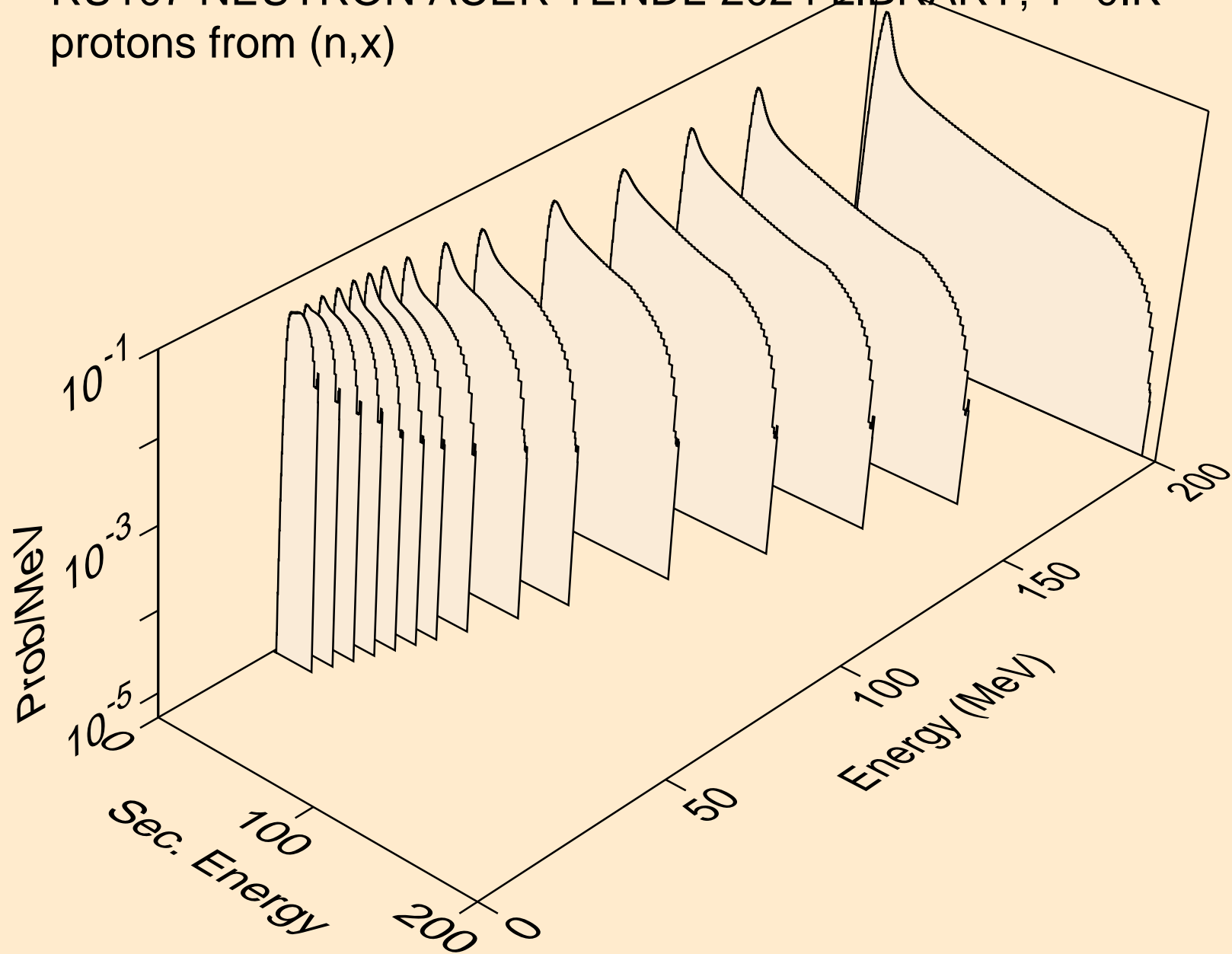
## Recoil Heating



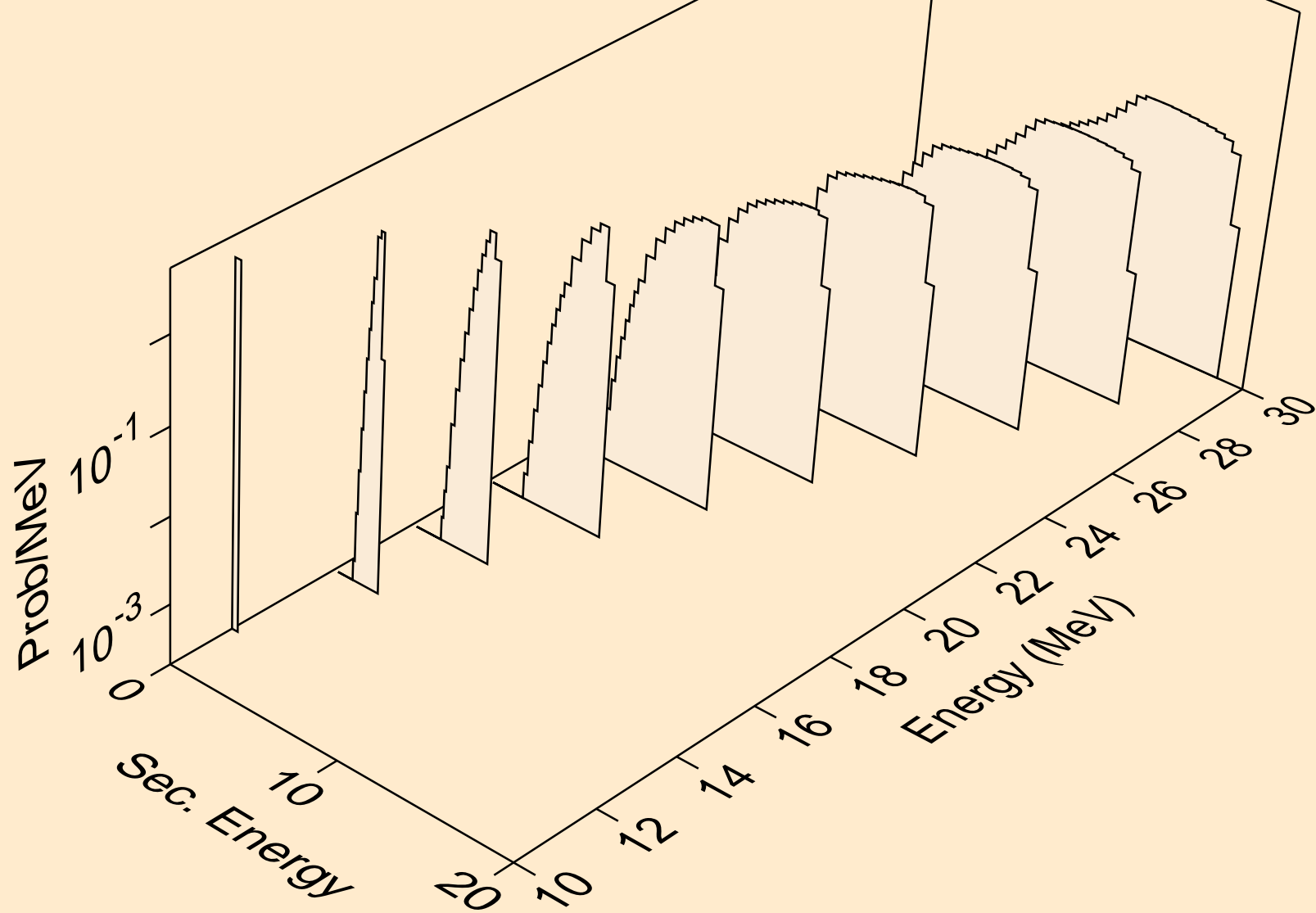
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



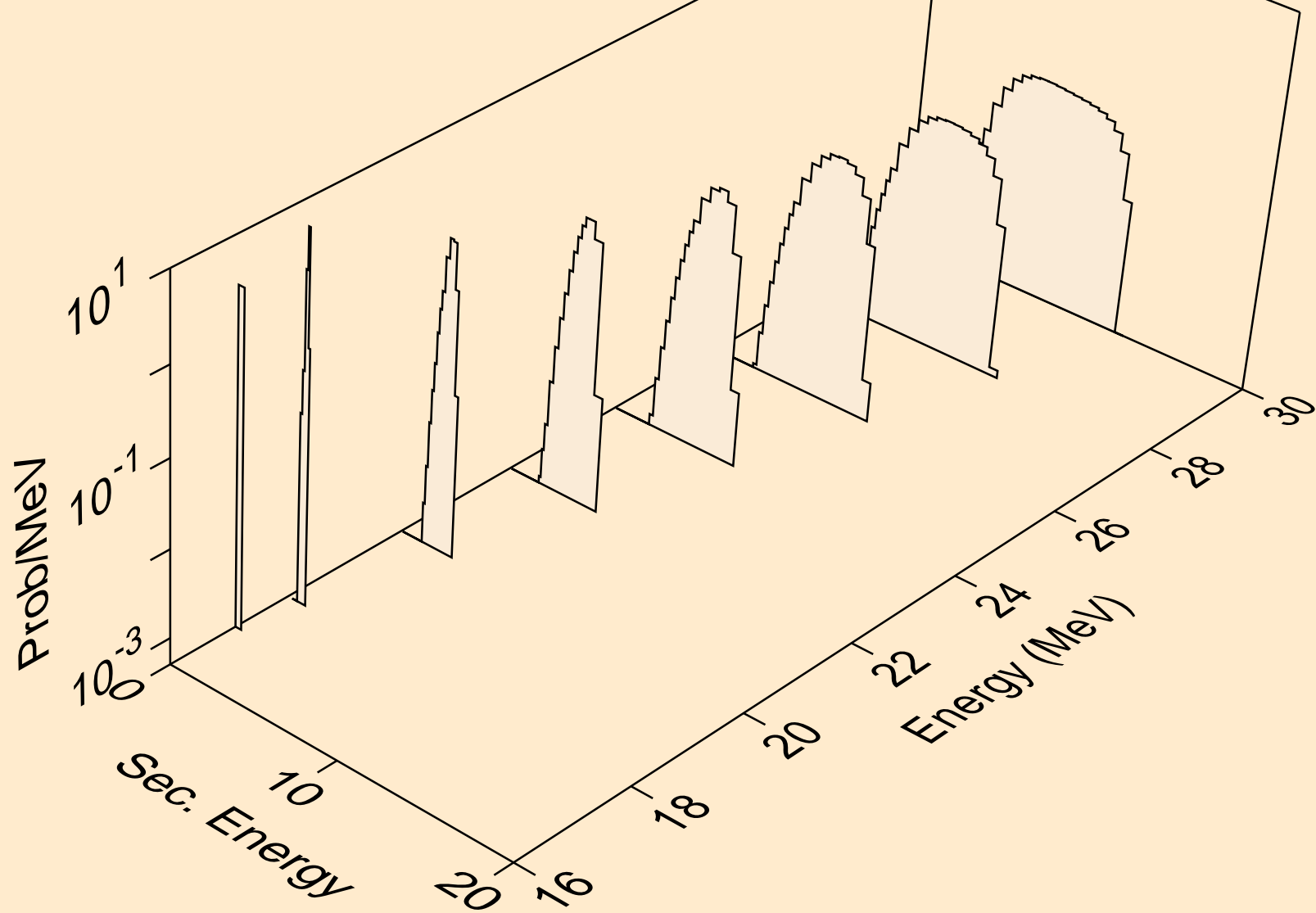
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



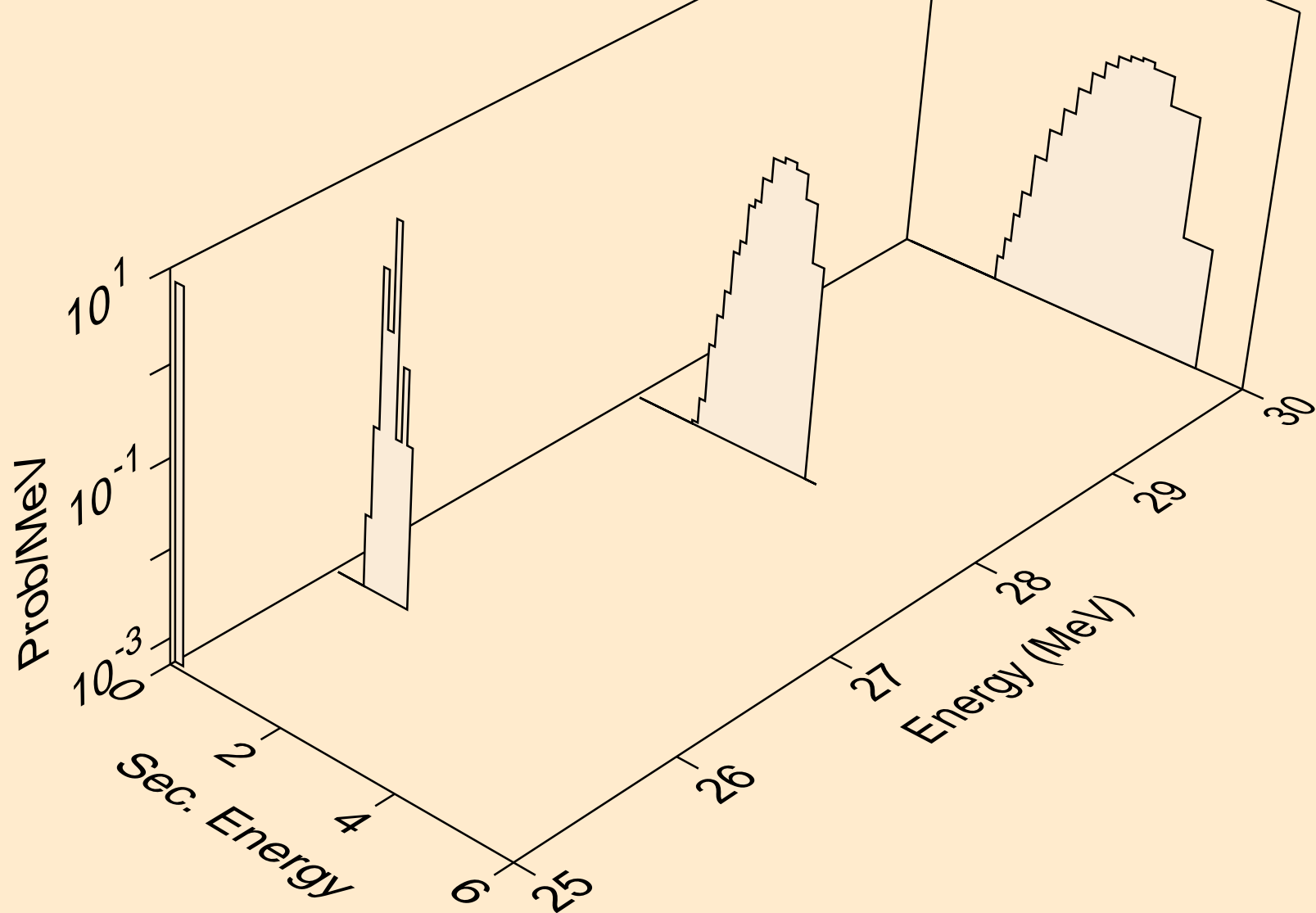
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



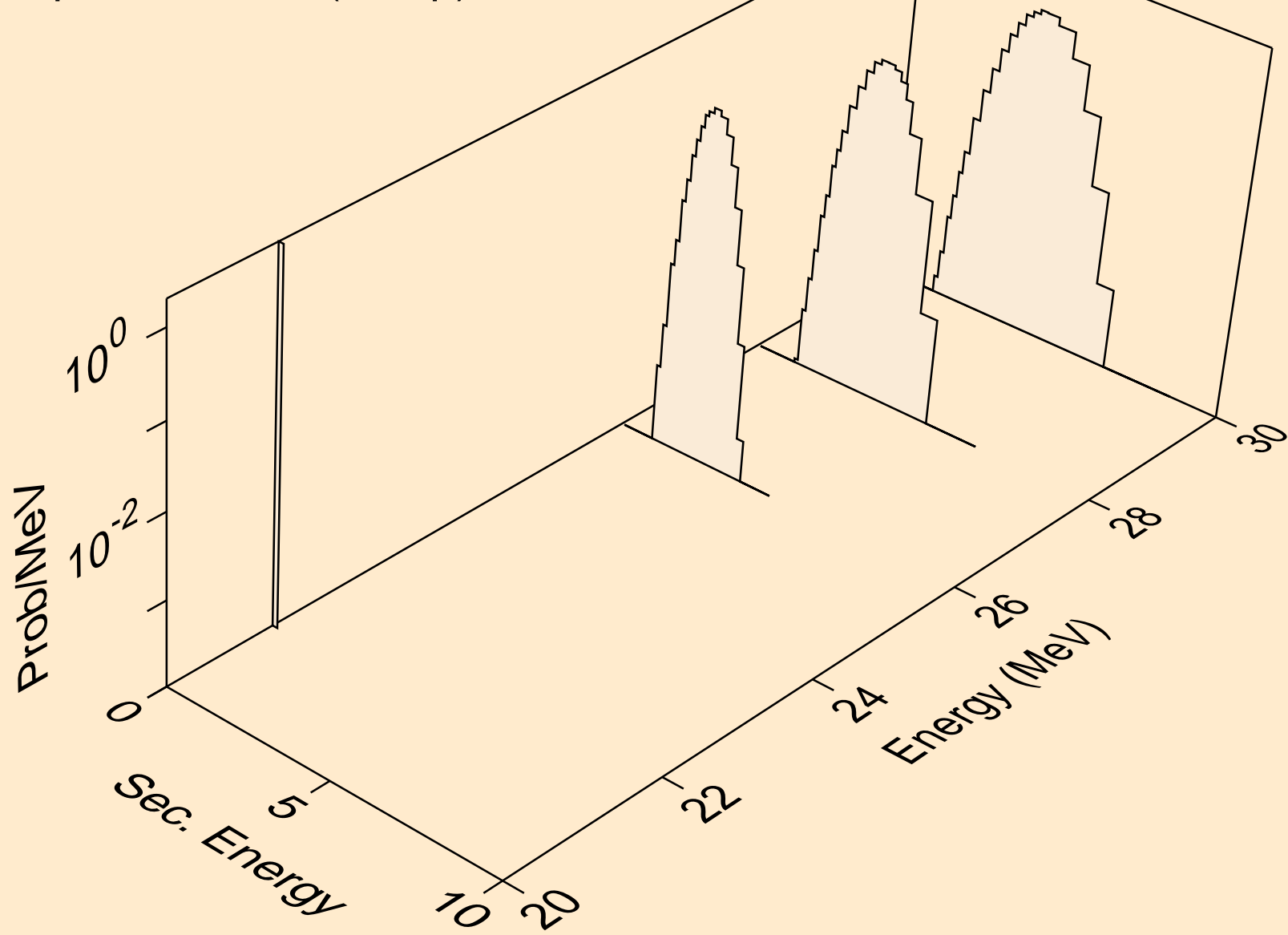
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)



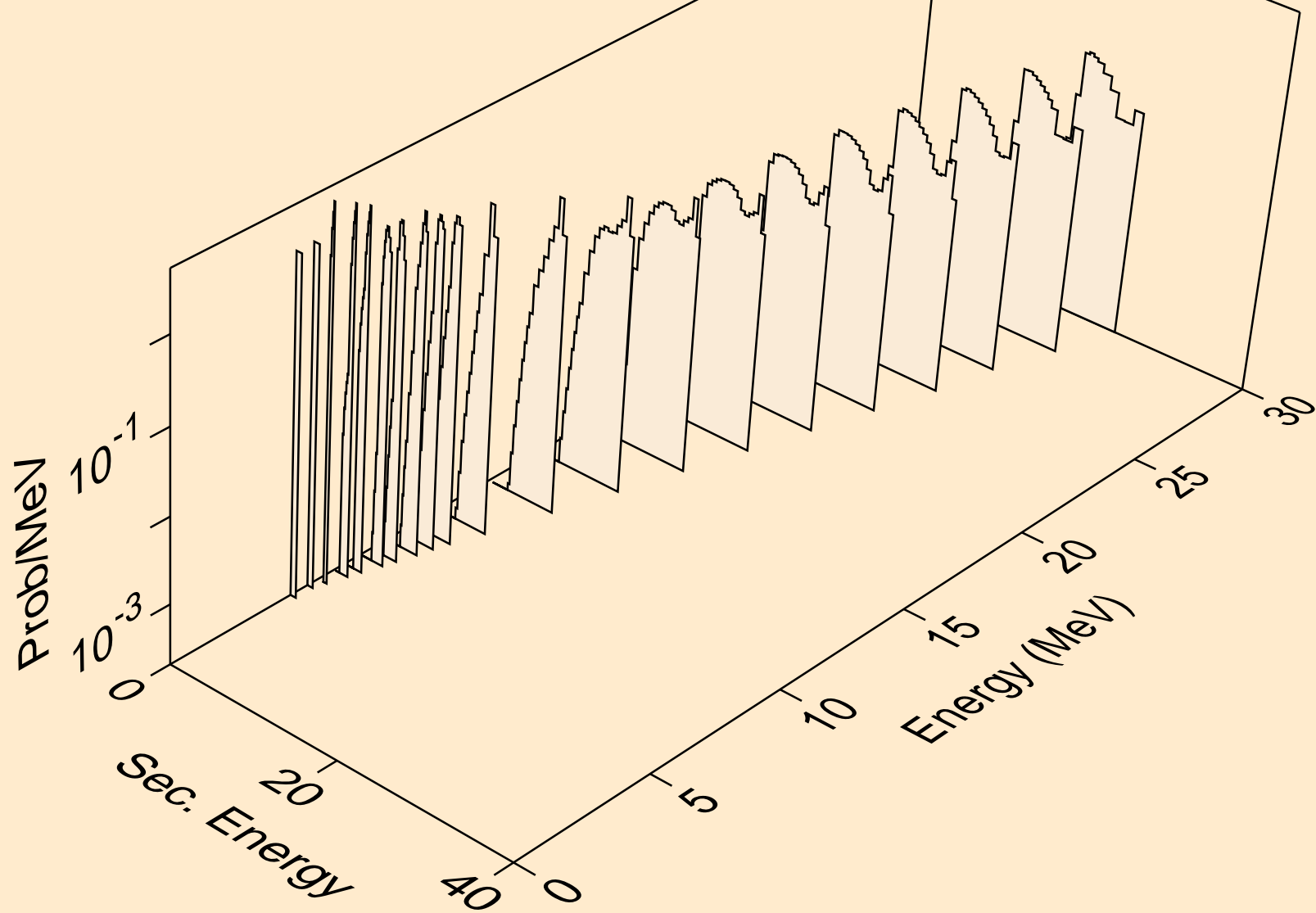
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)



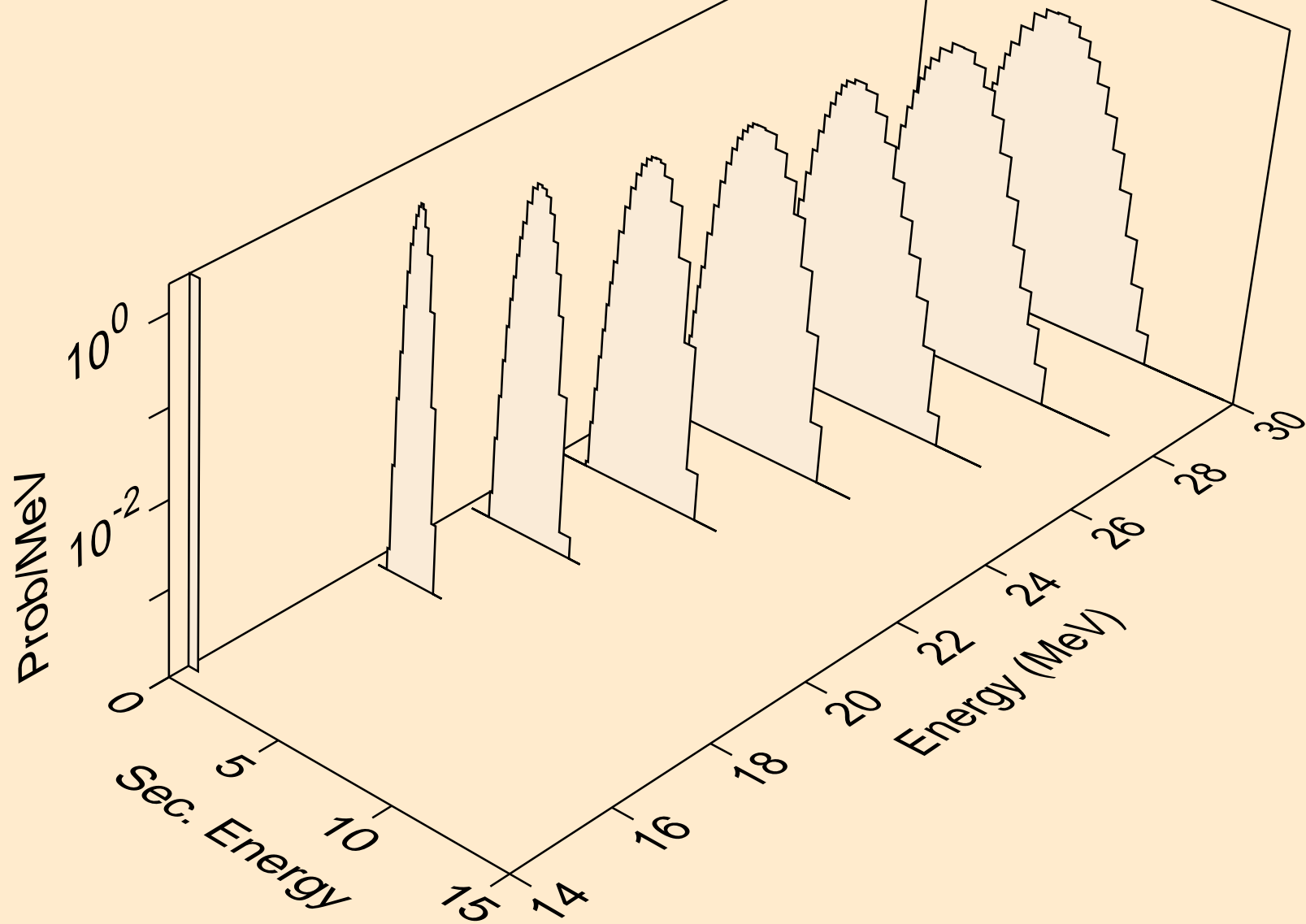
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n2p)



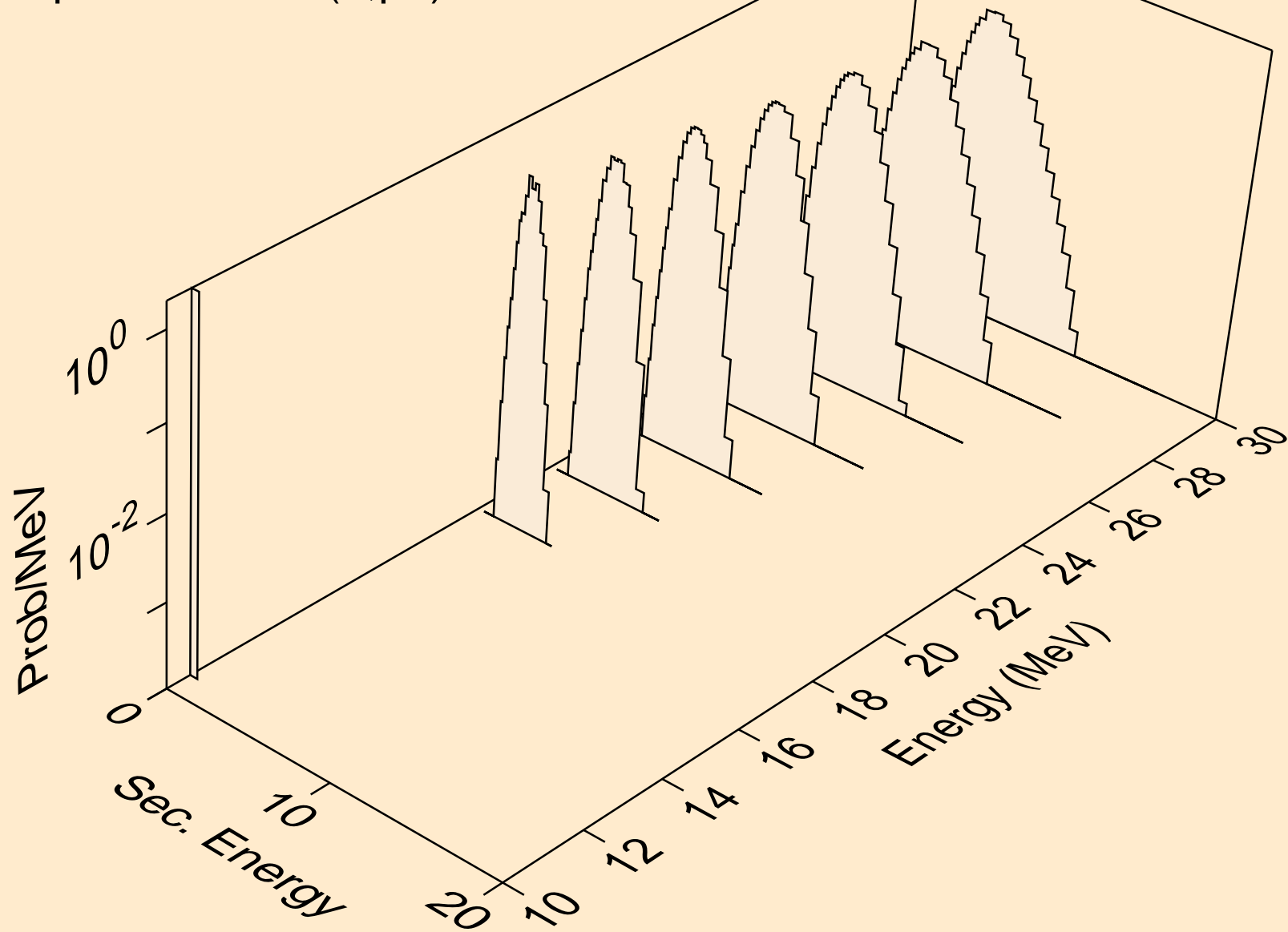
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)



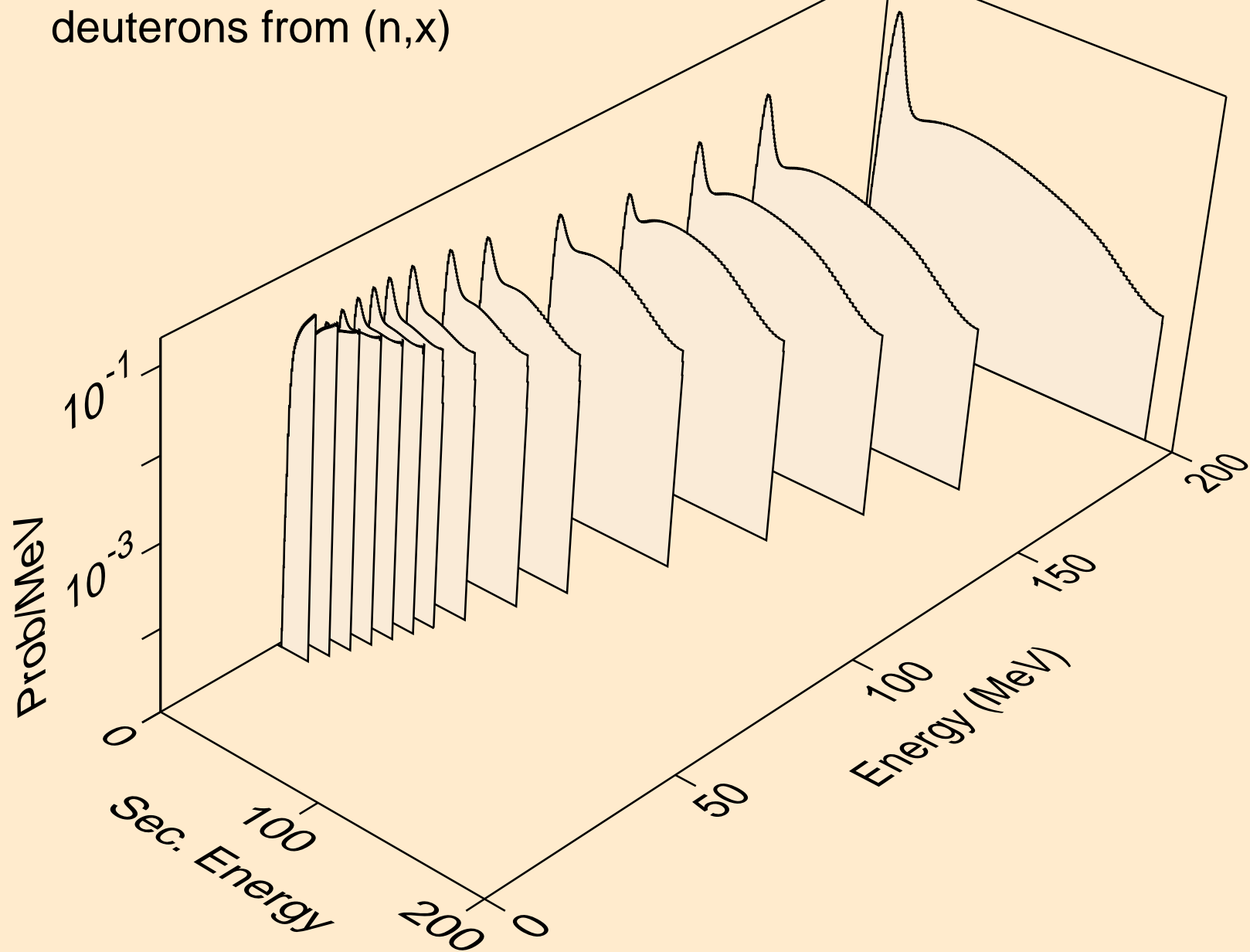
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2p)



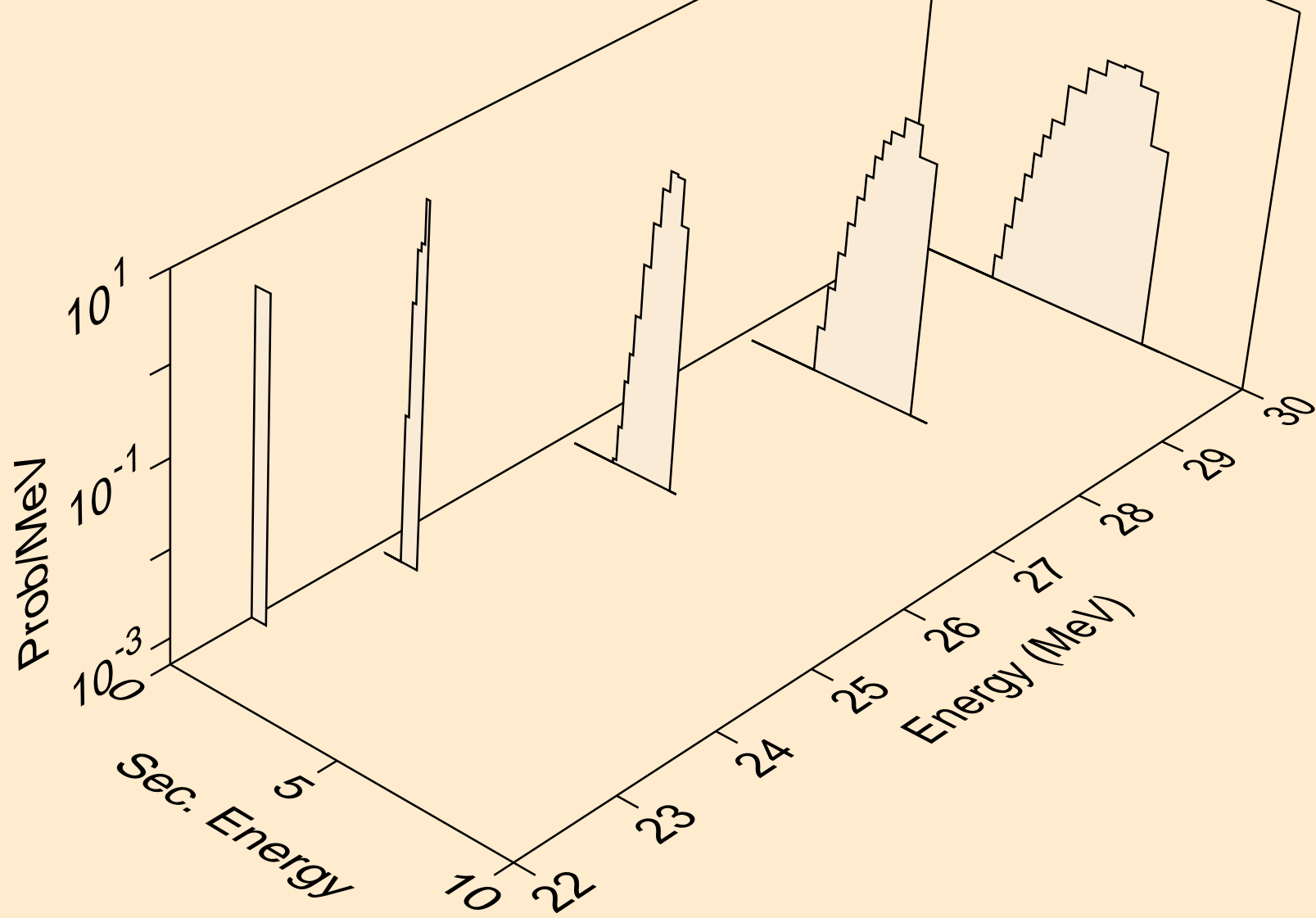
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)



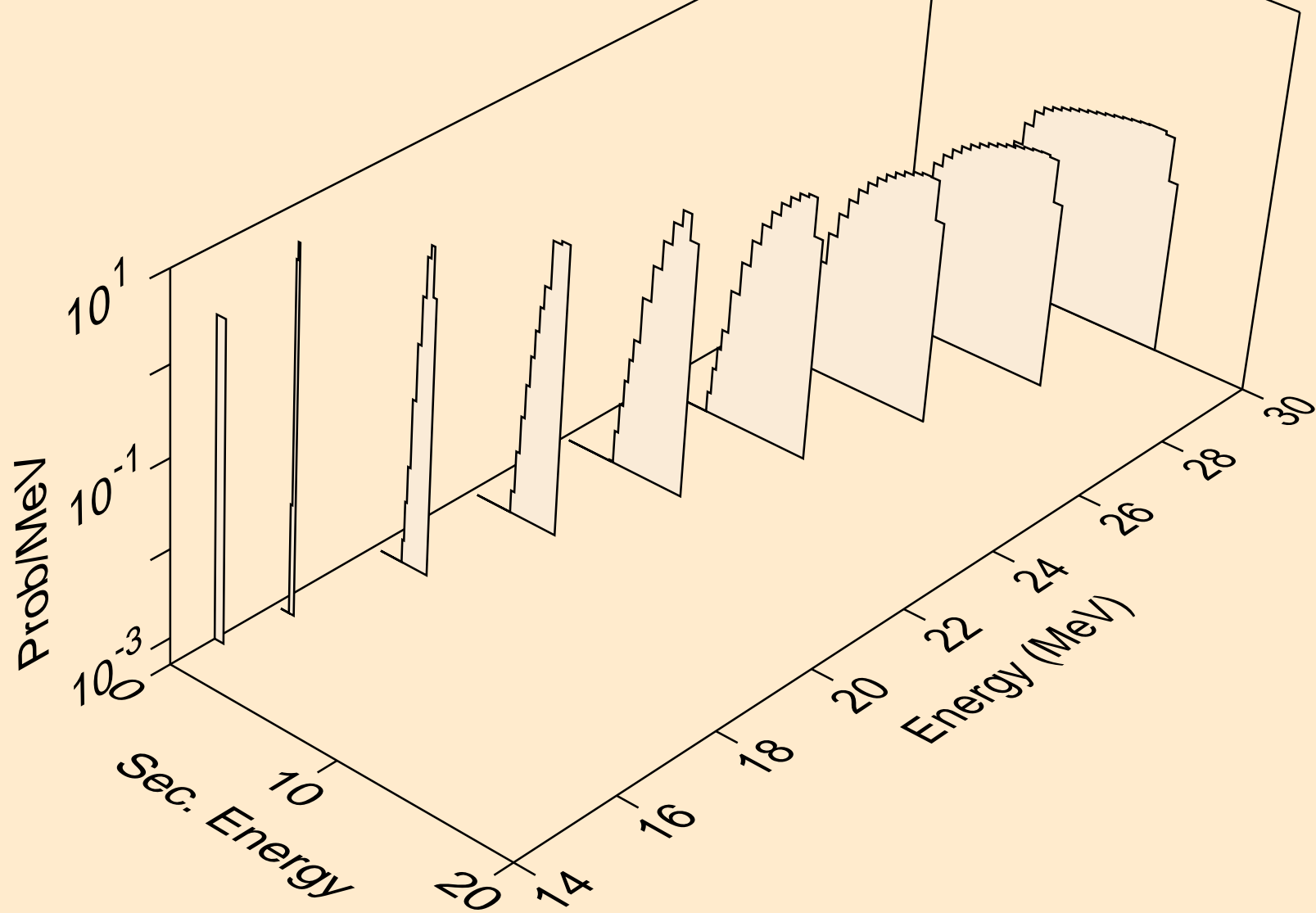
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)



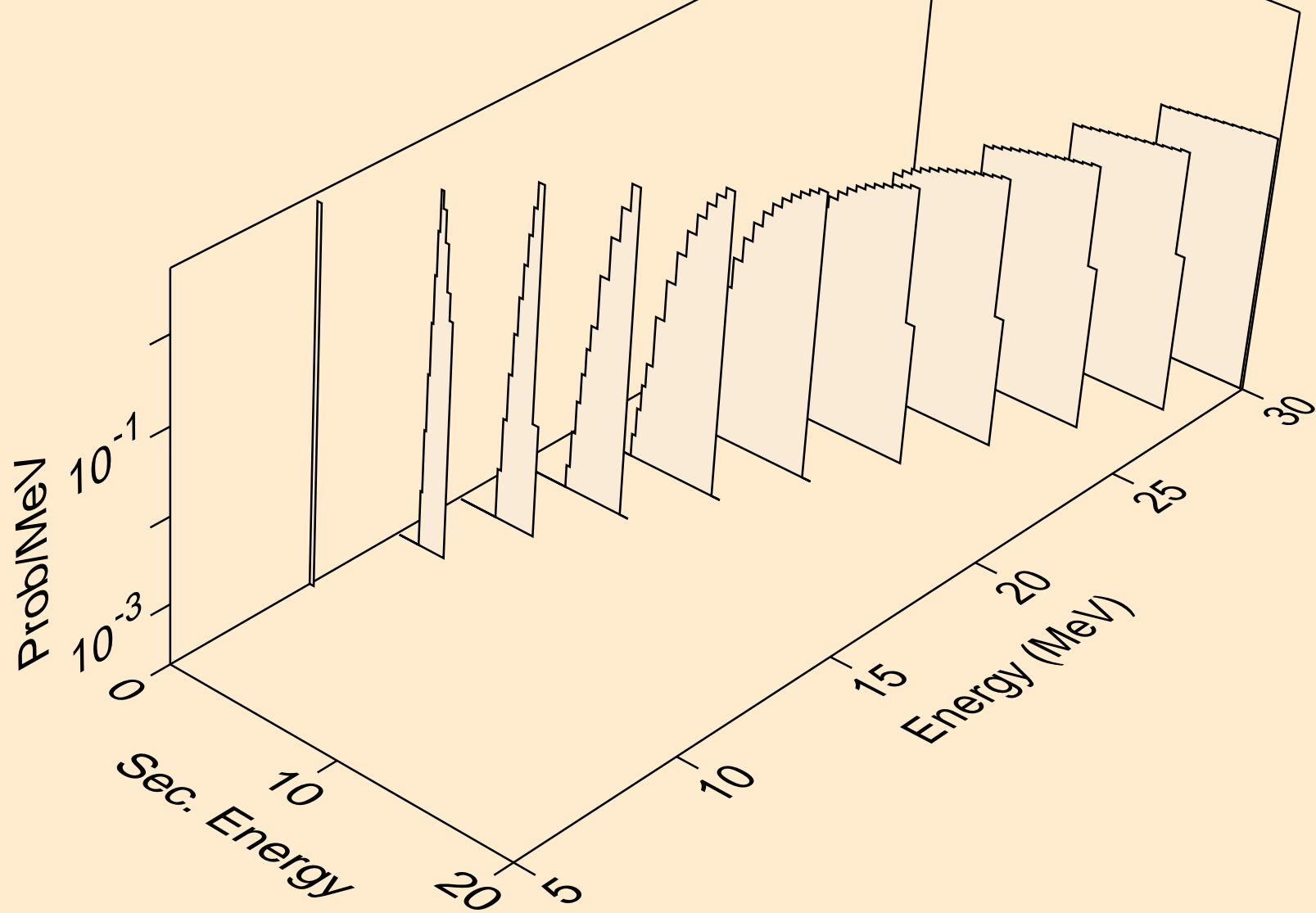
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,2nd)



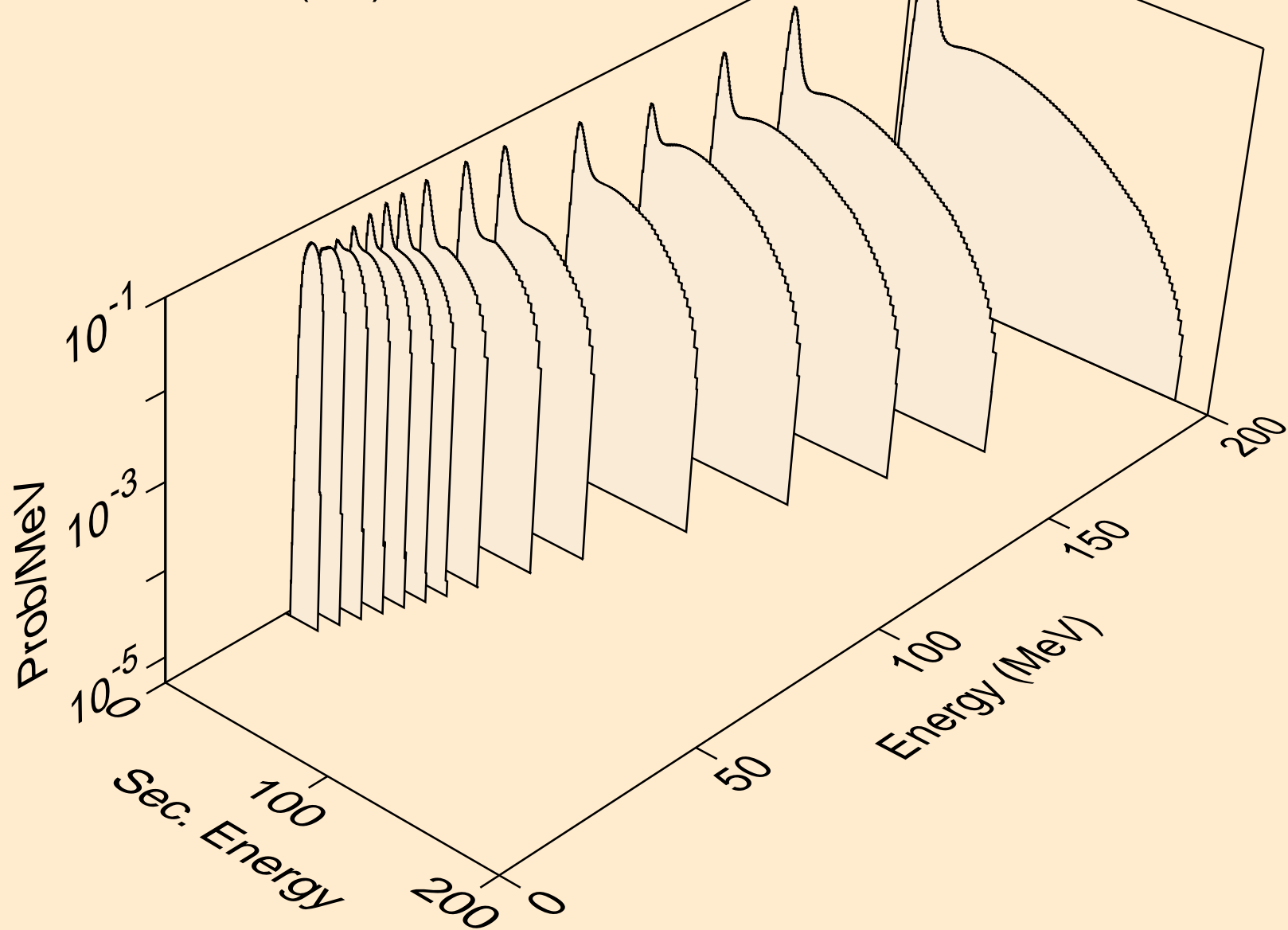
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d



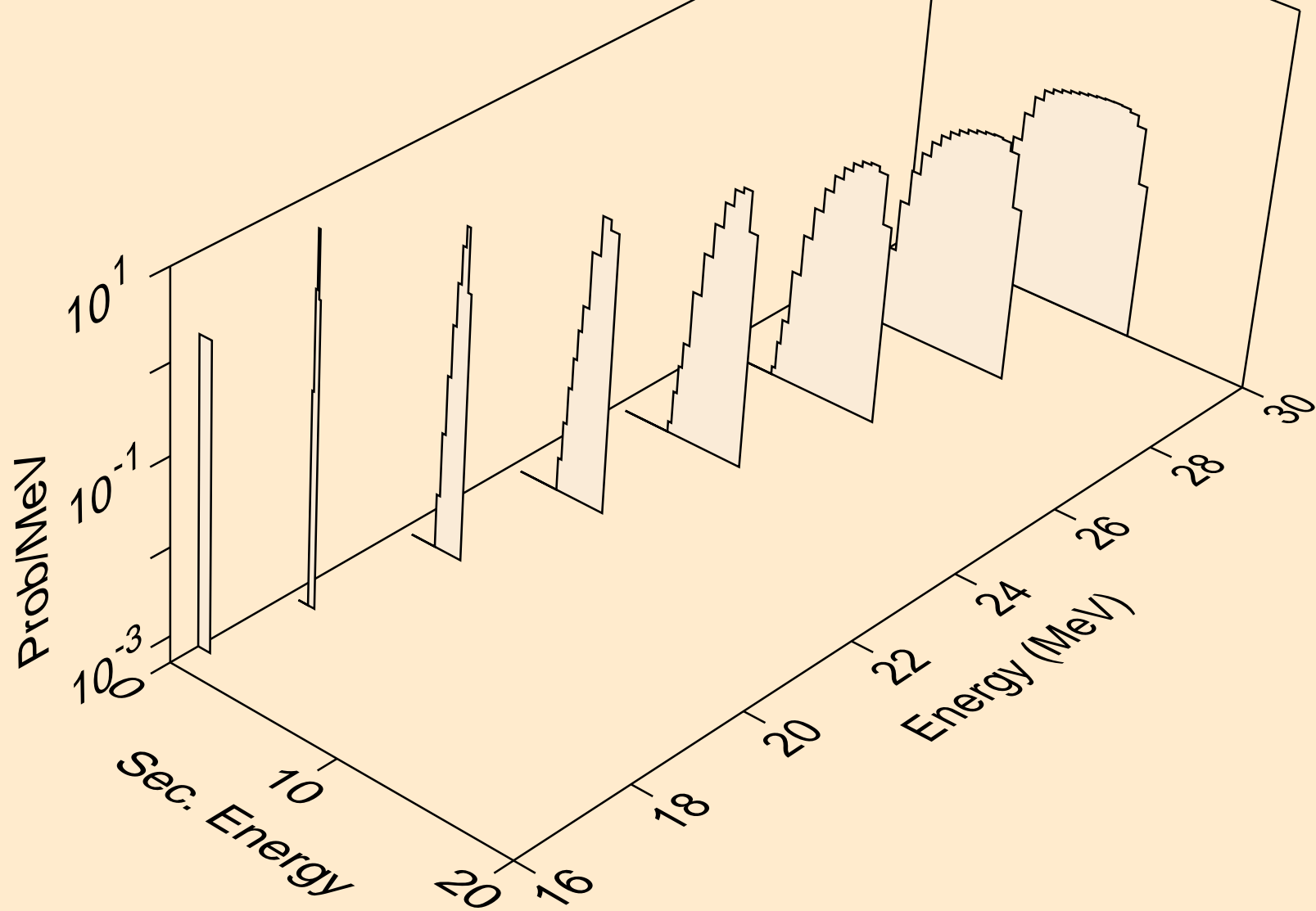
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,d)



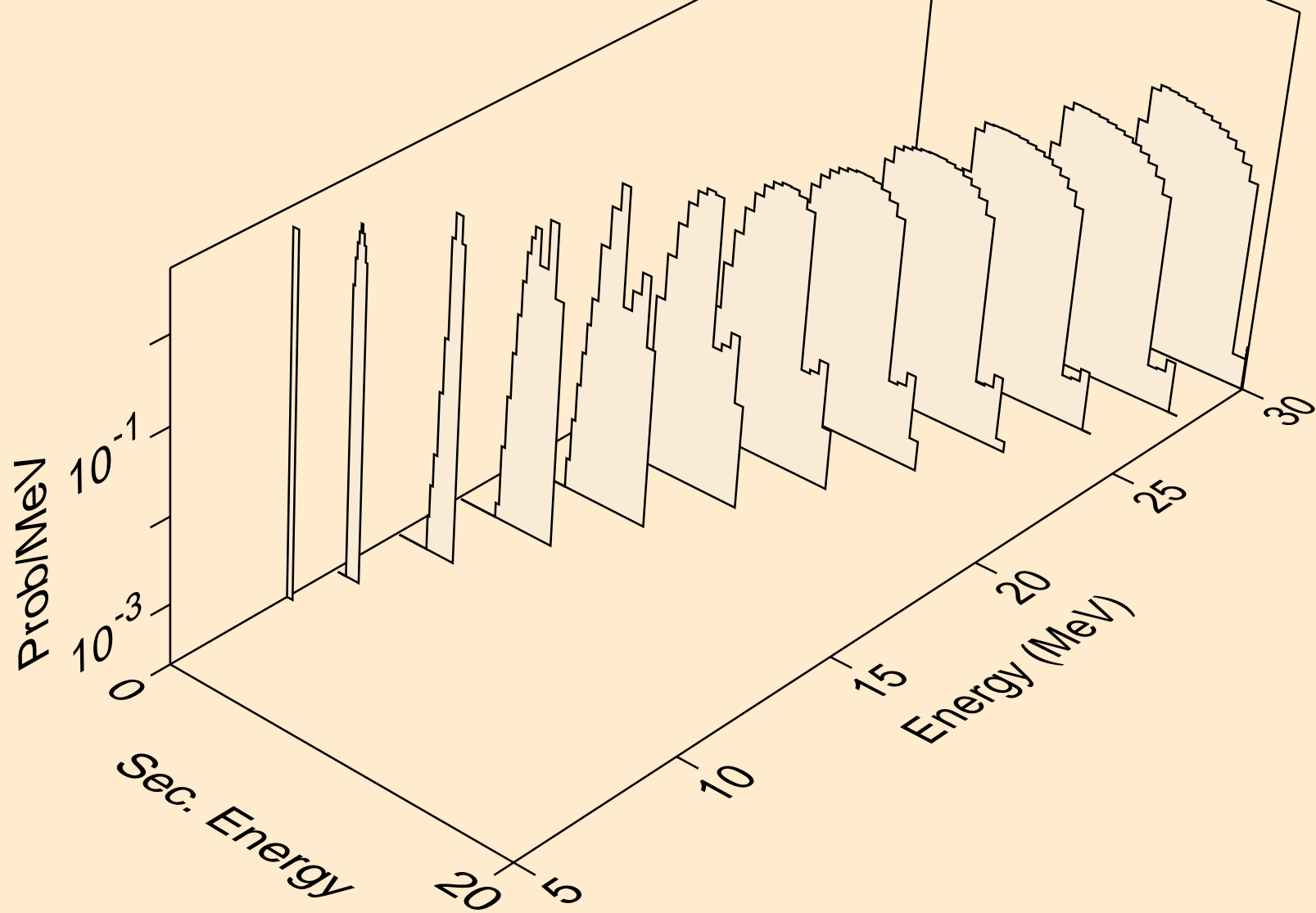
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)



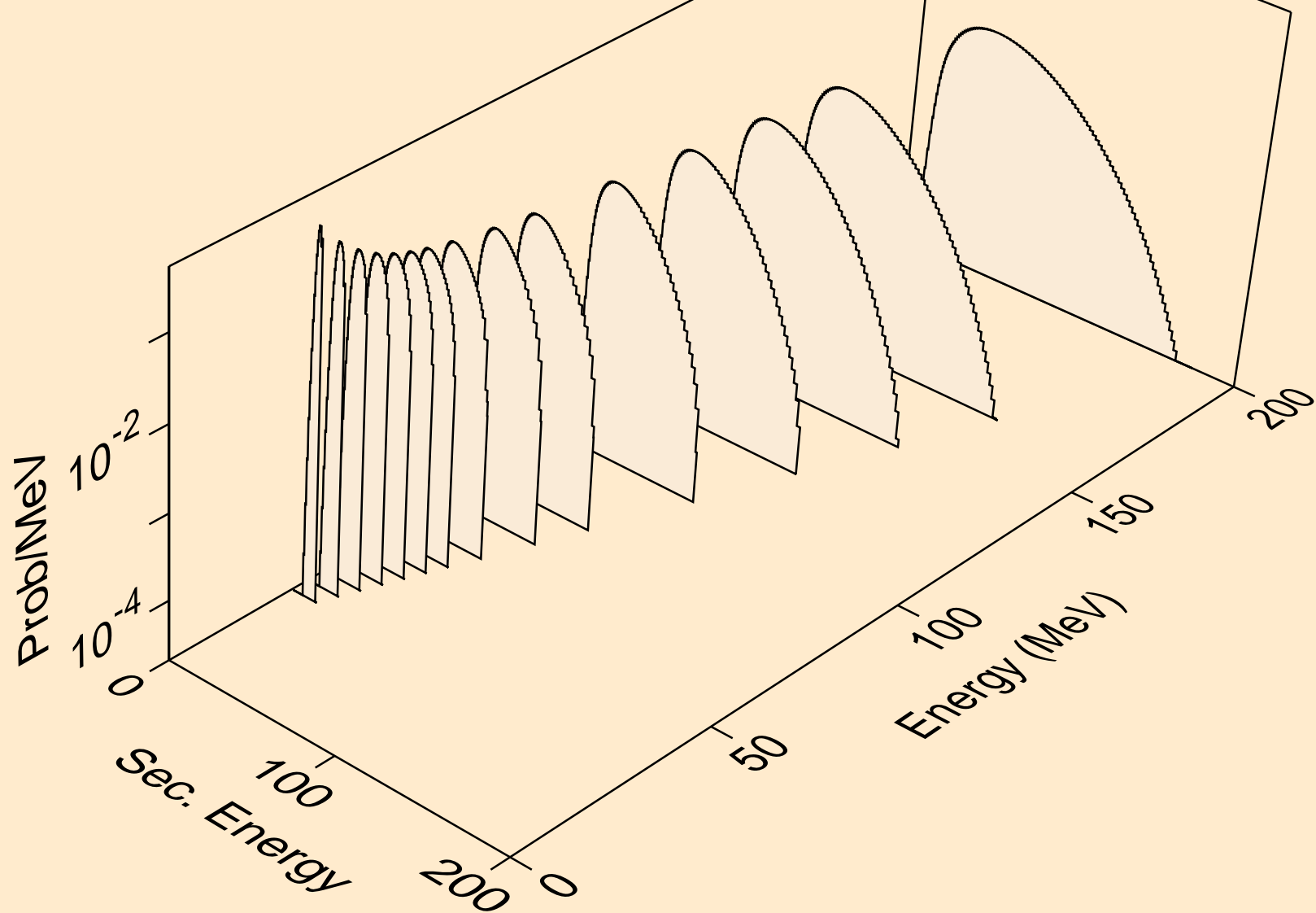
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



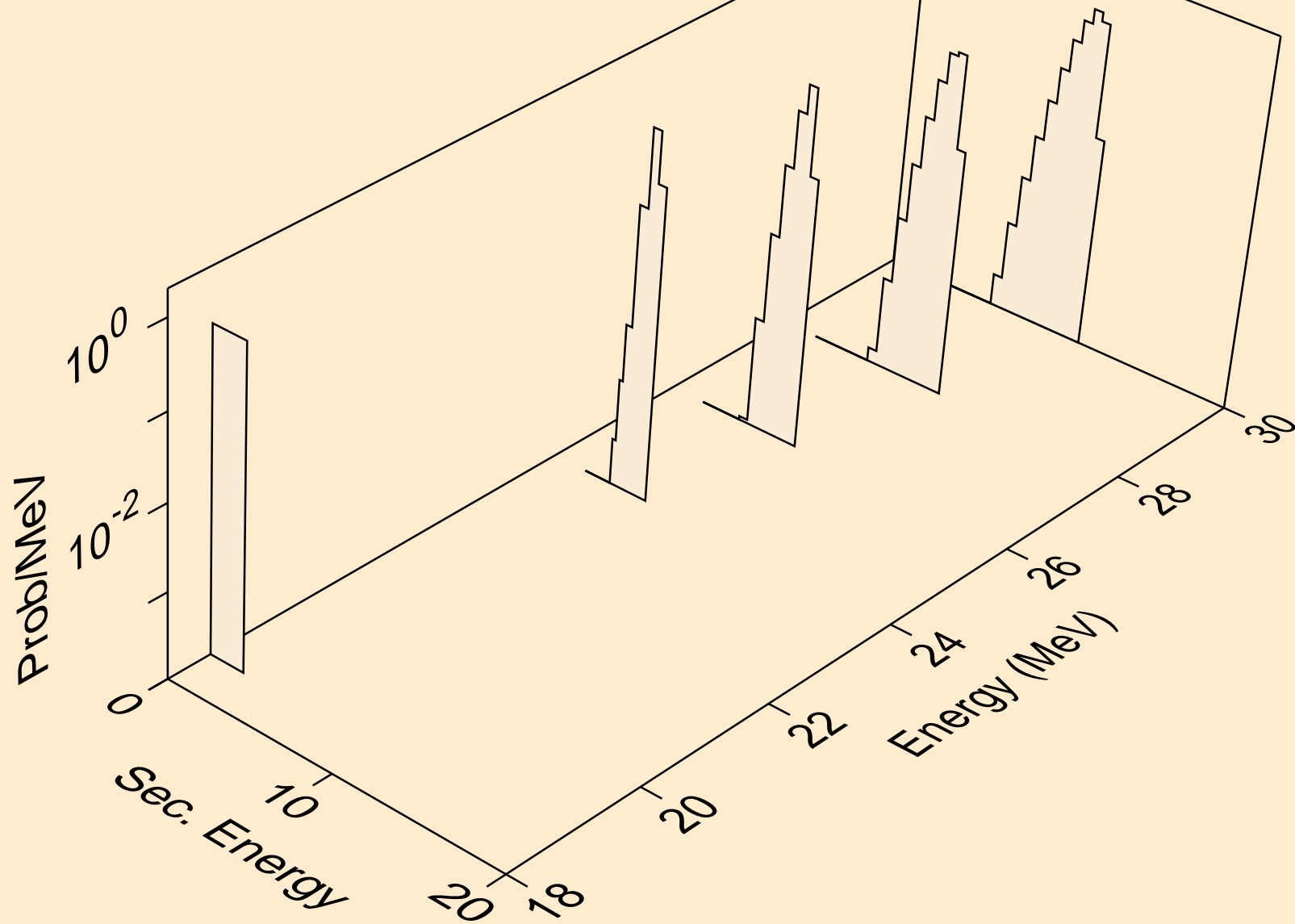
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)



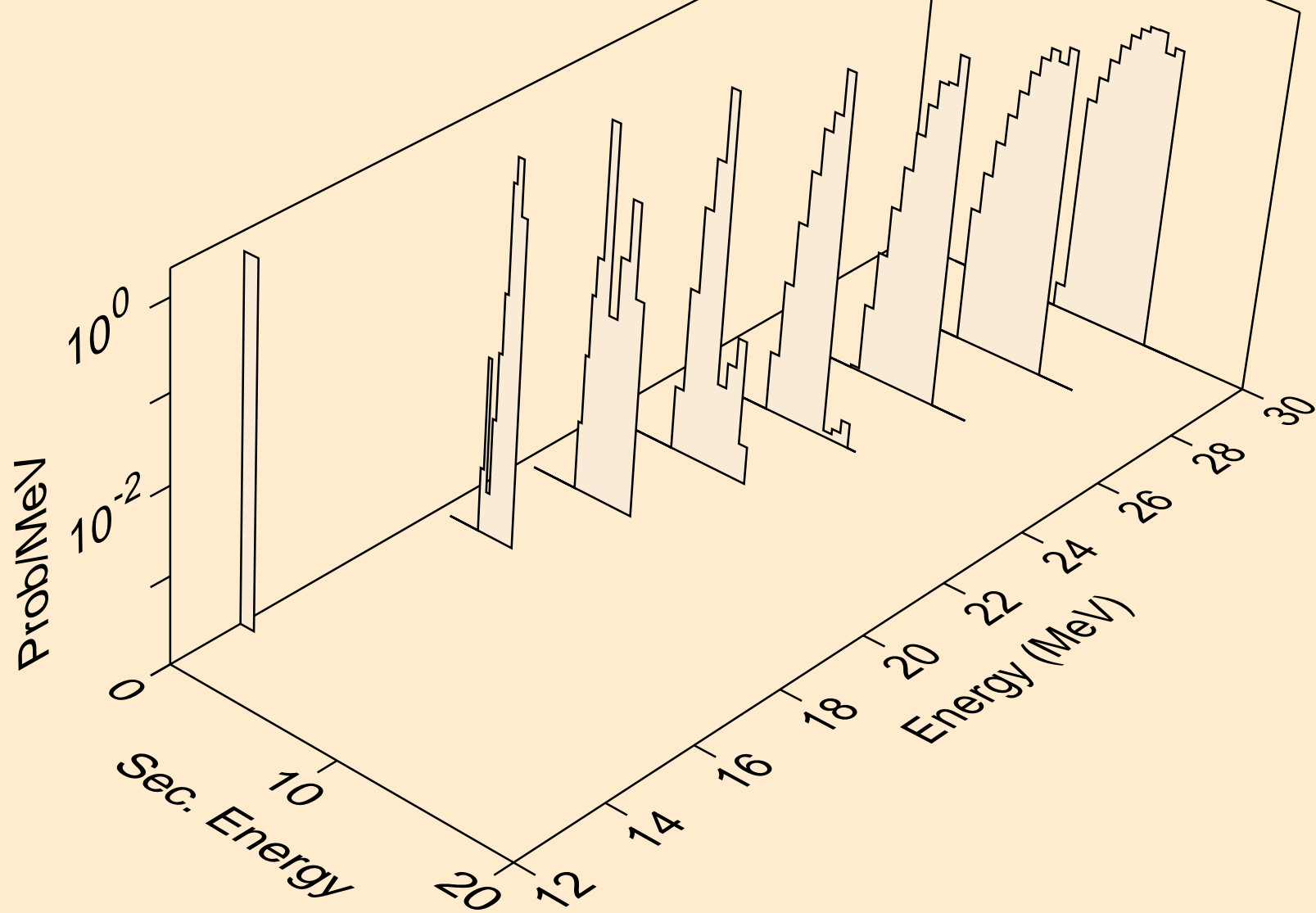
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



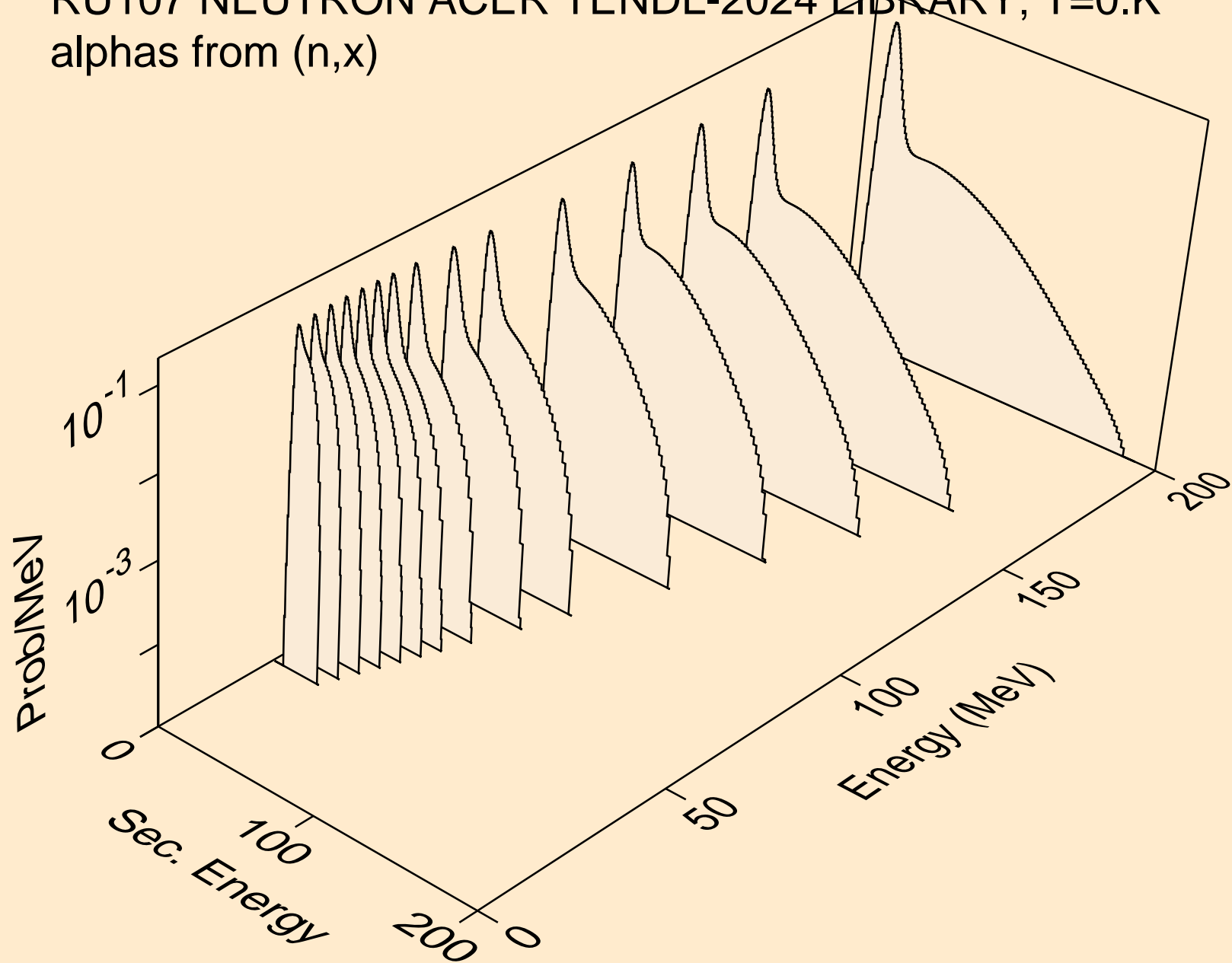
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



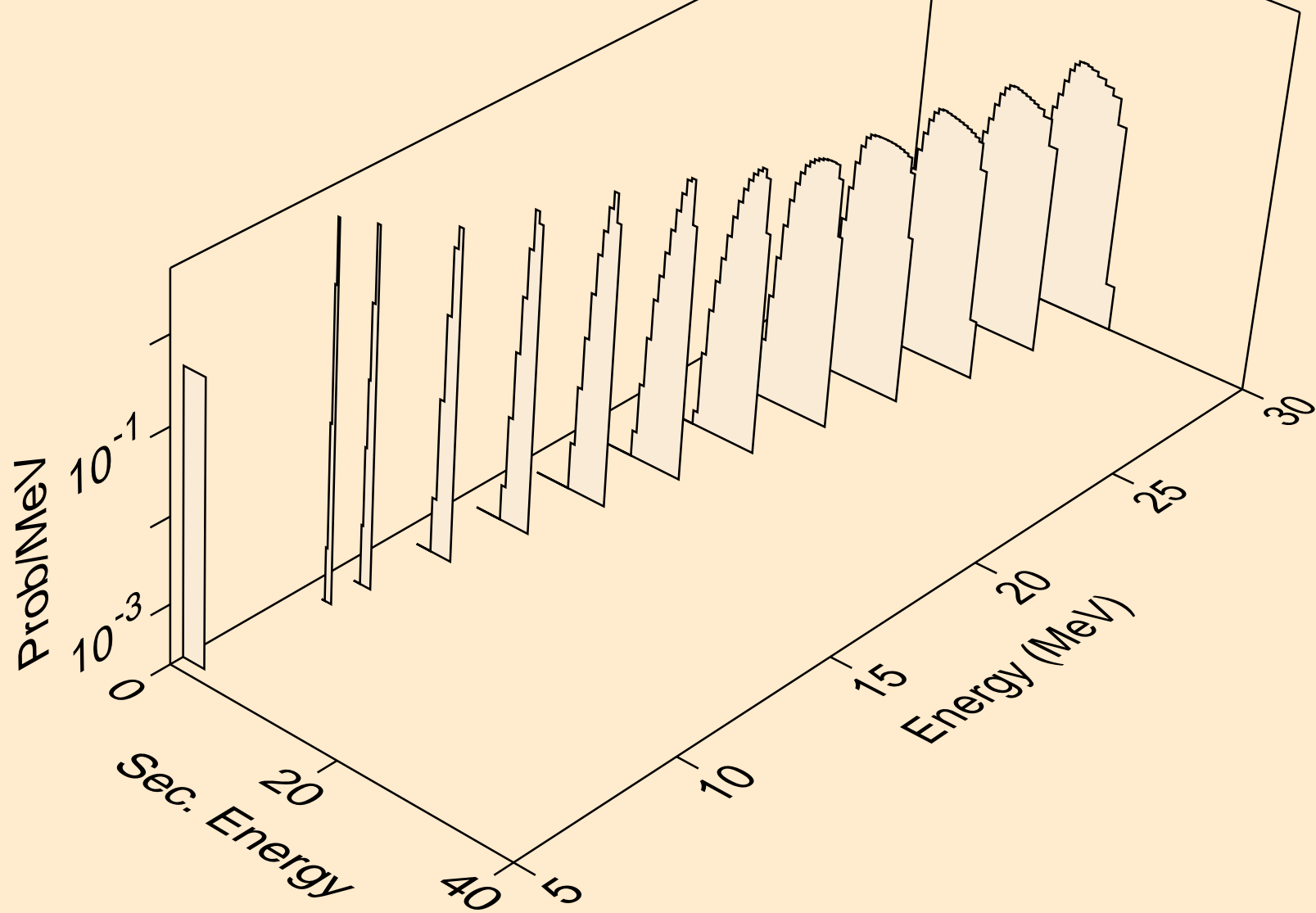
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)



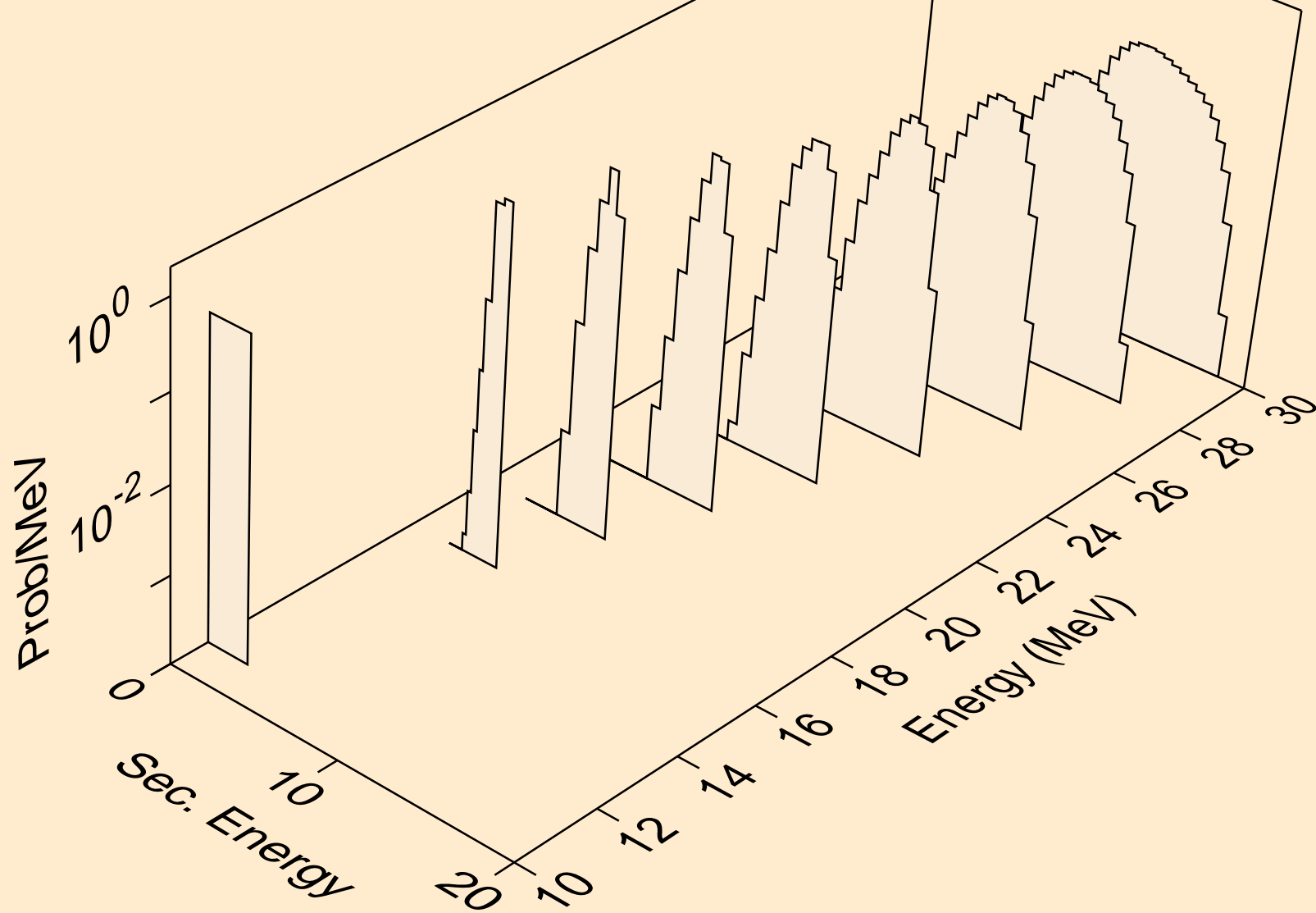
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



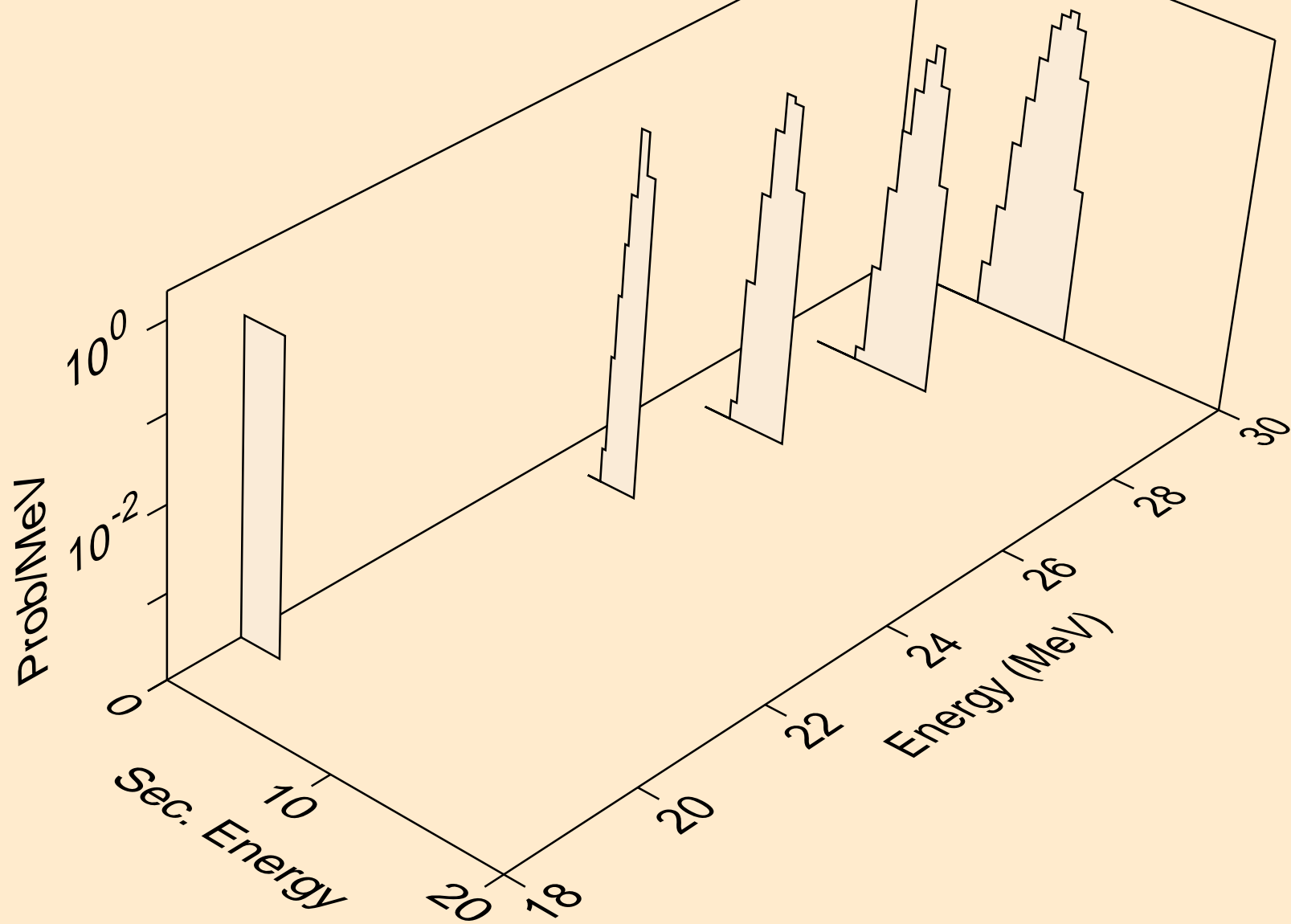
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



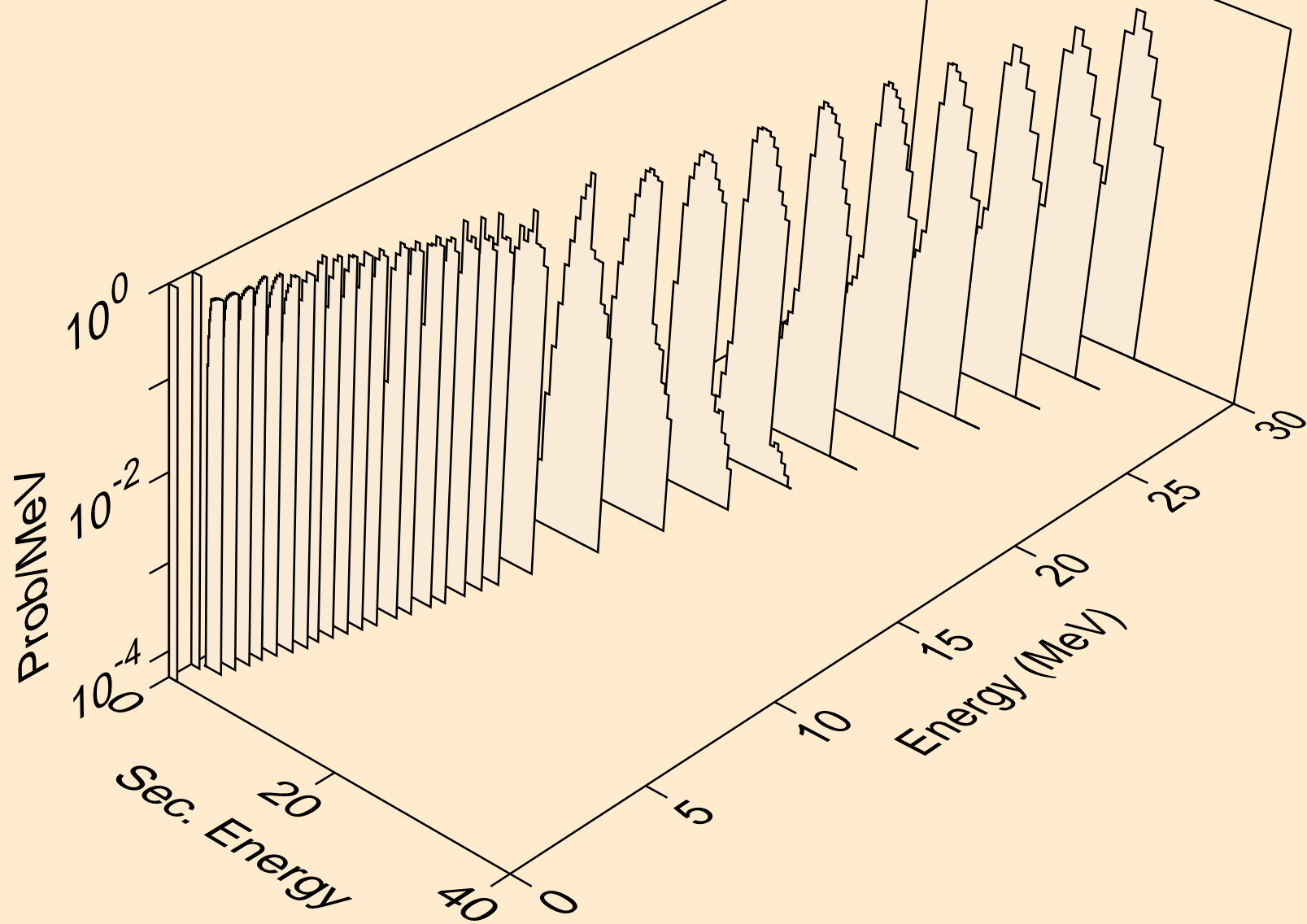
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



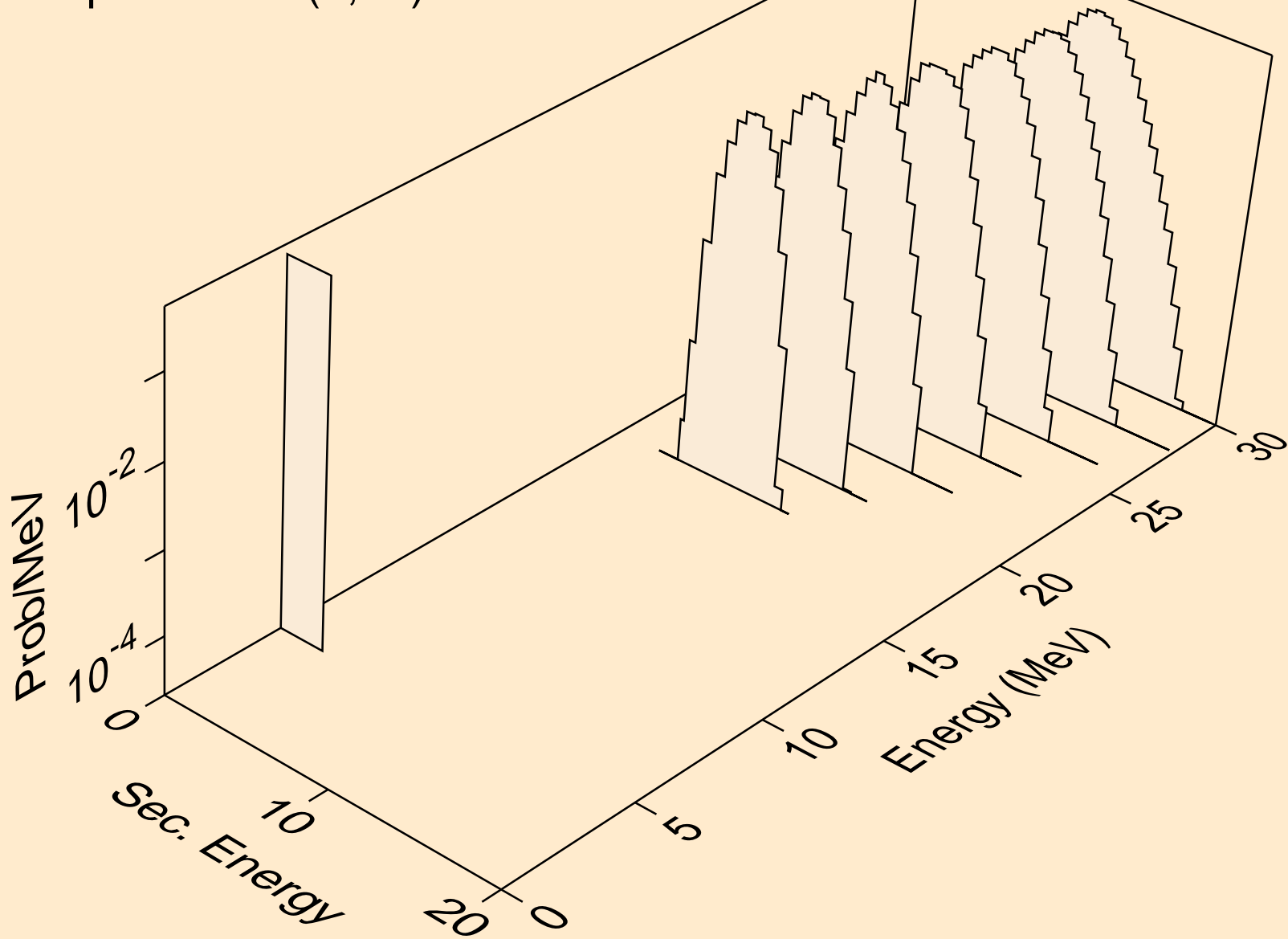
RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



RU107 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)

