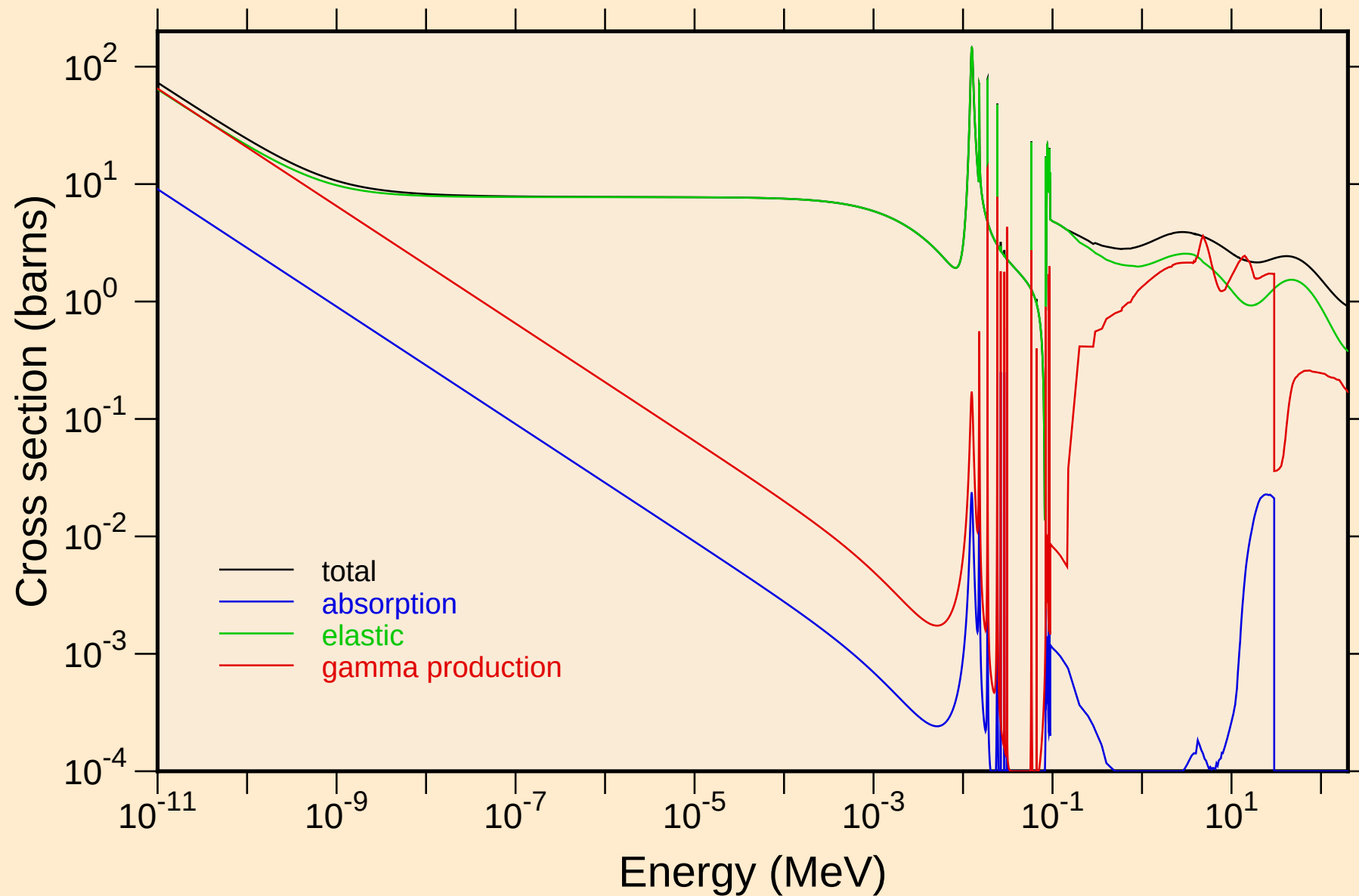
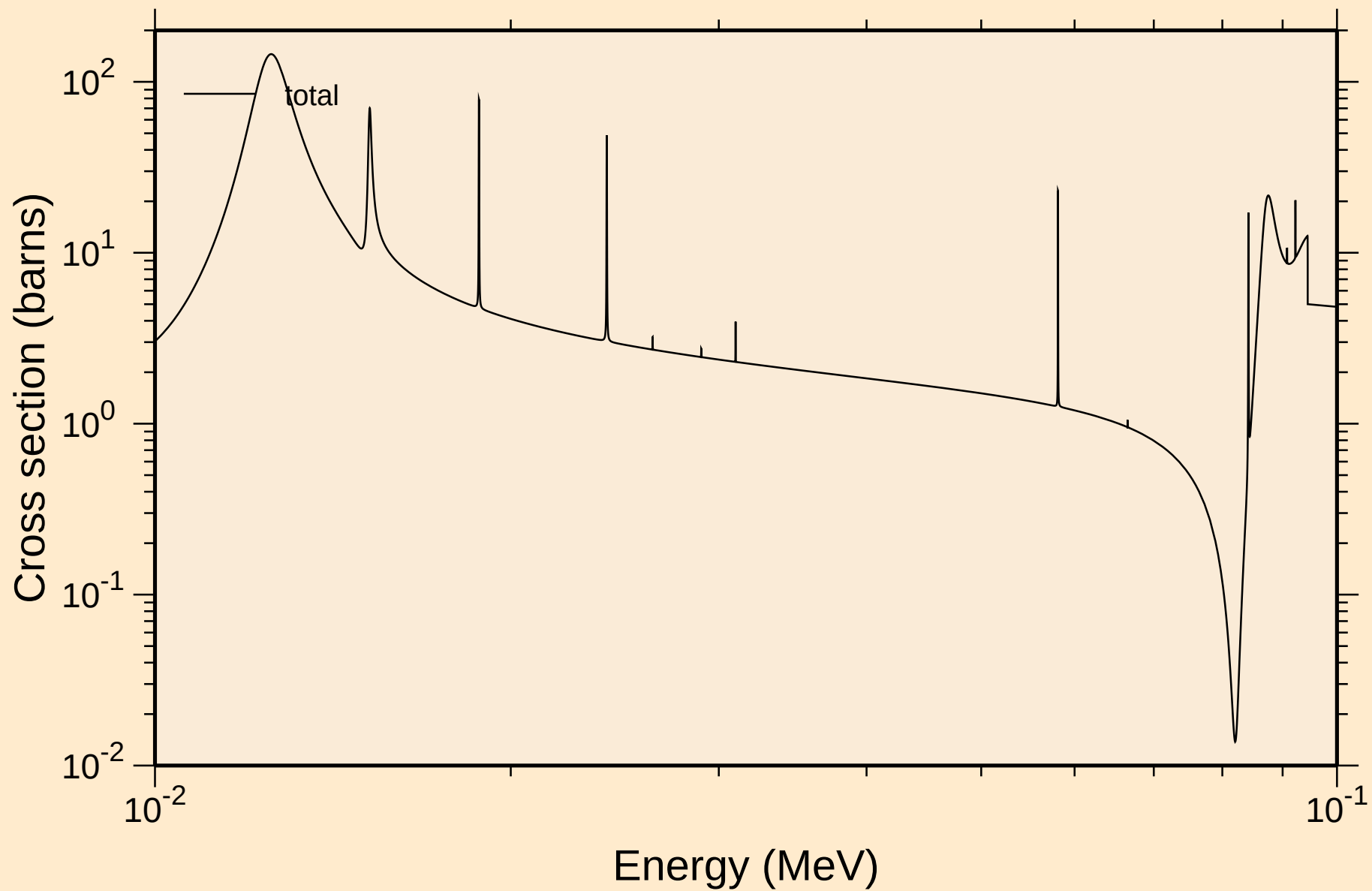


# K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

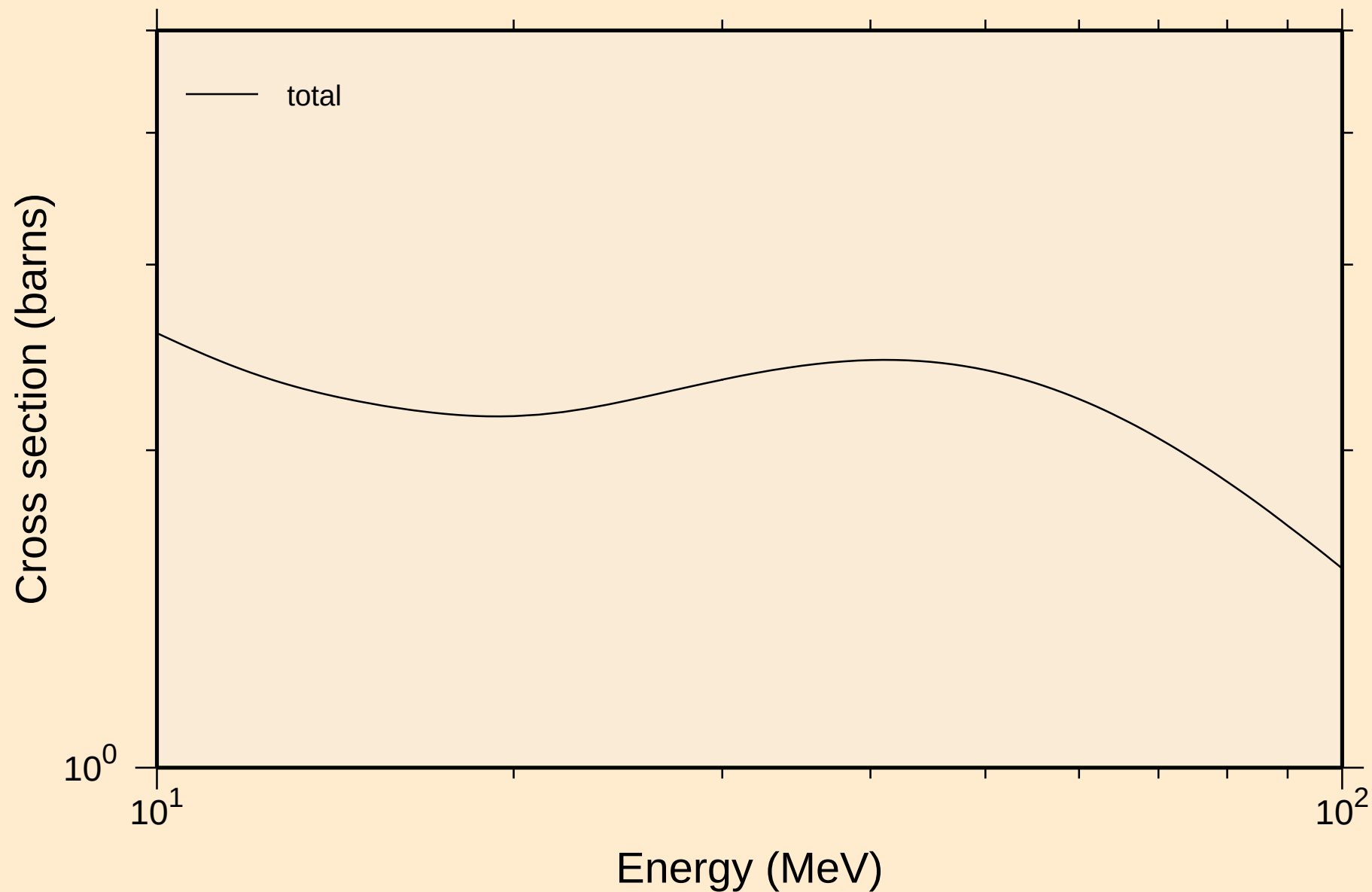
## Principal cross sections



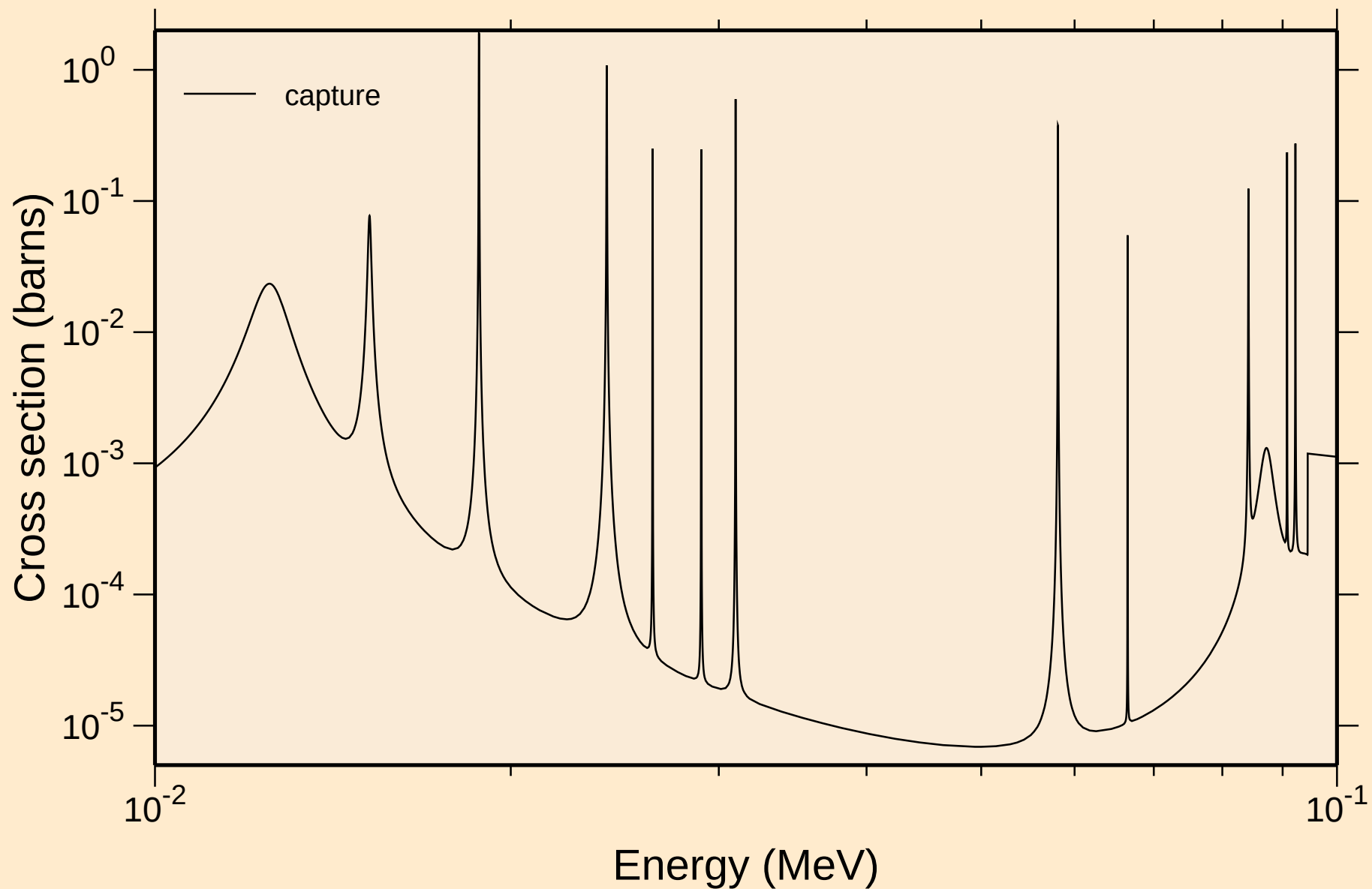
K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



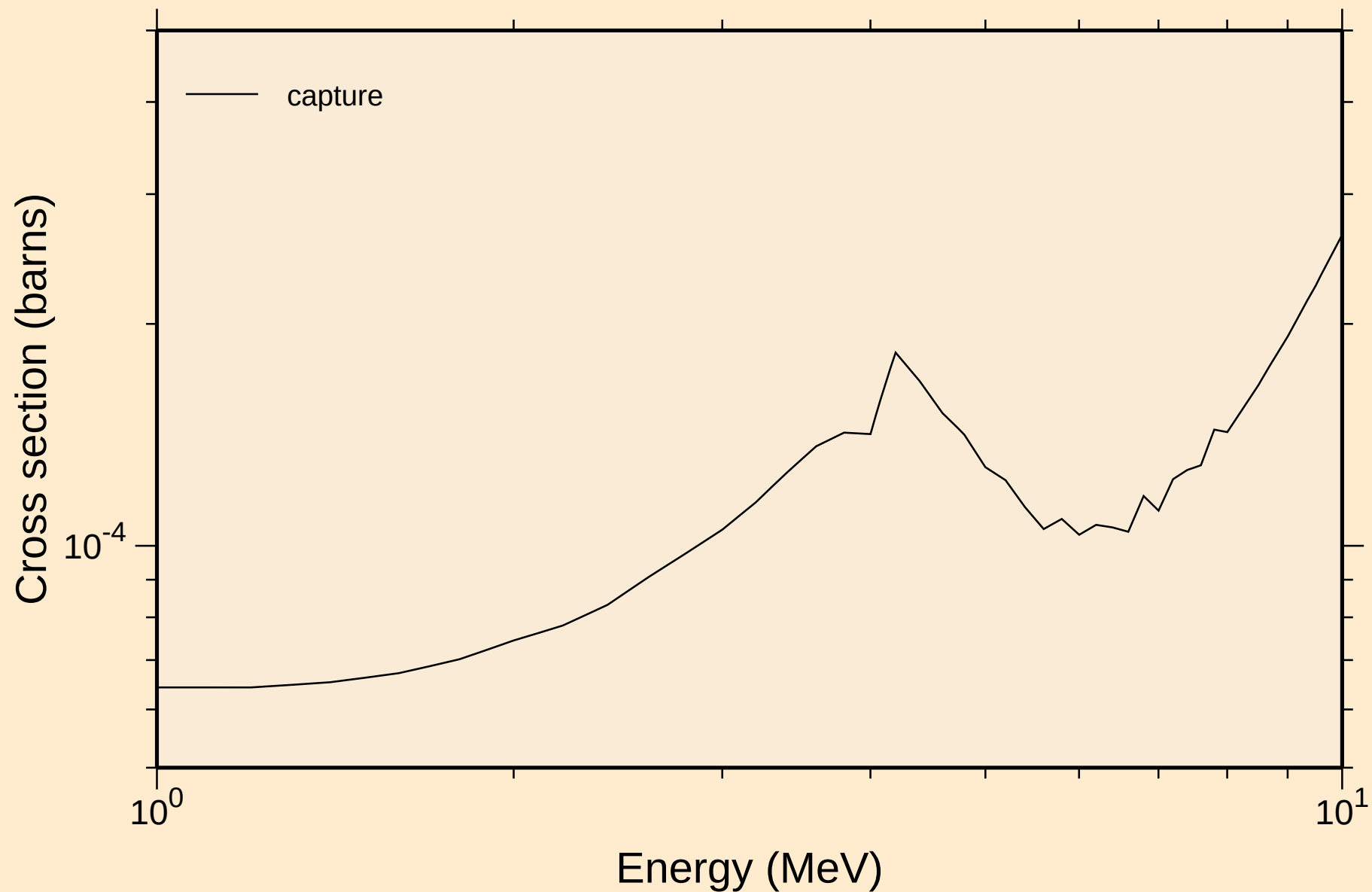
K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections

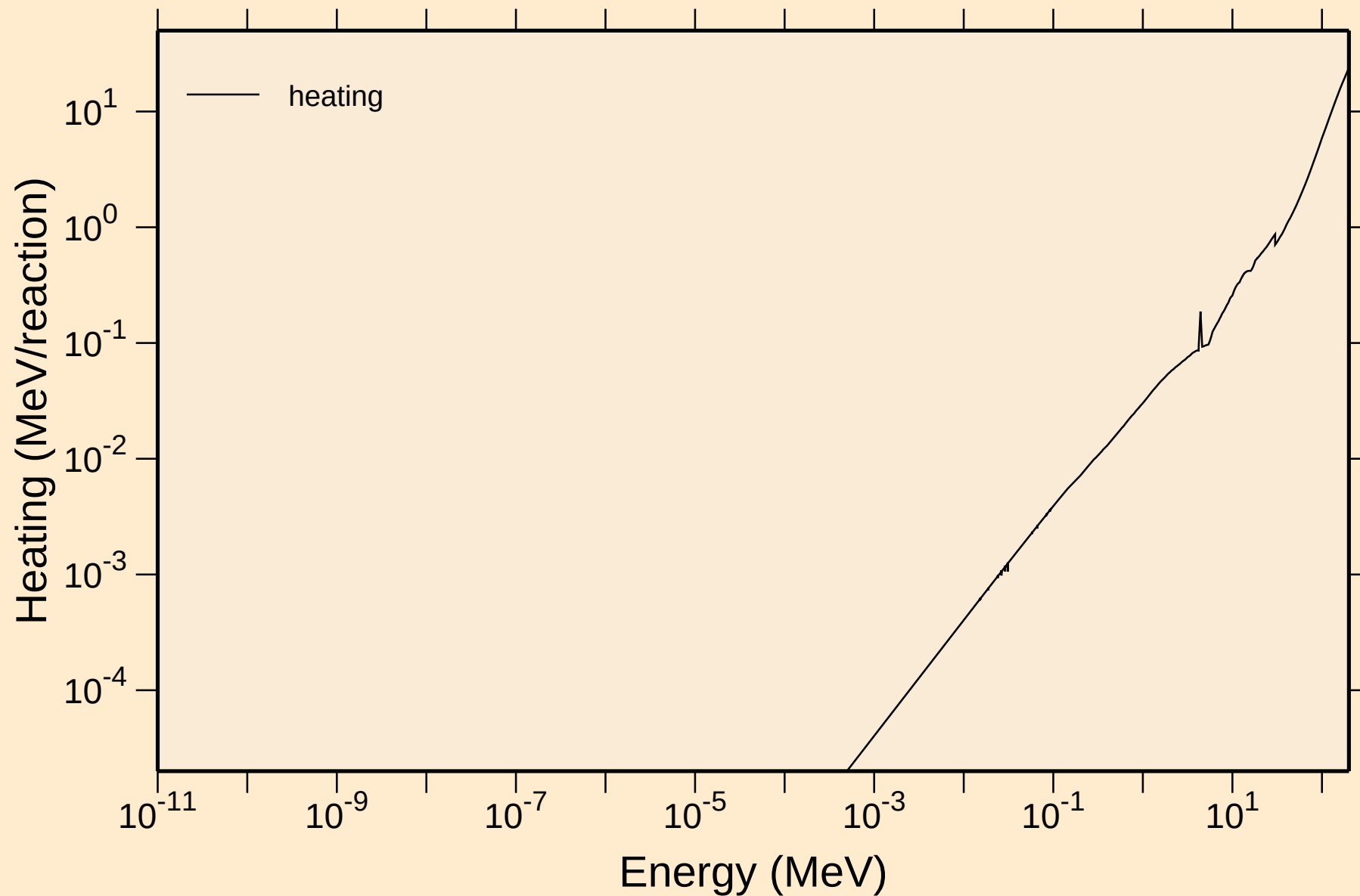


K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections



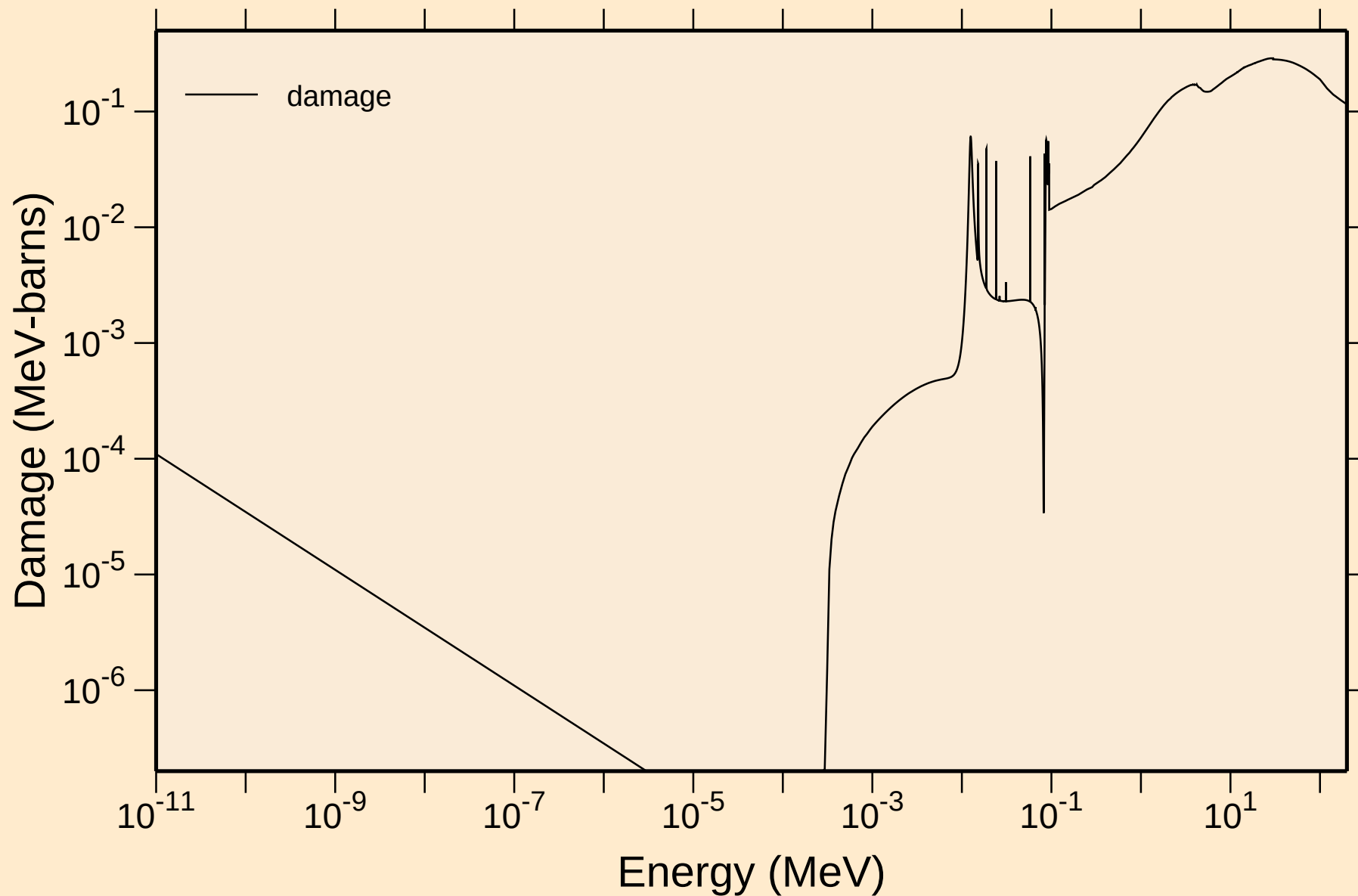
# K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Heating

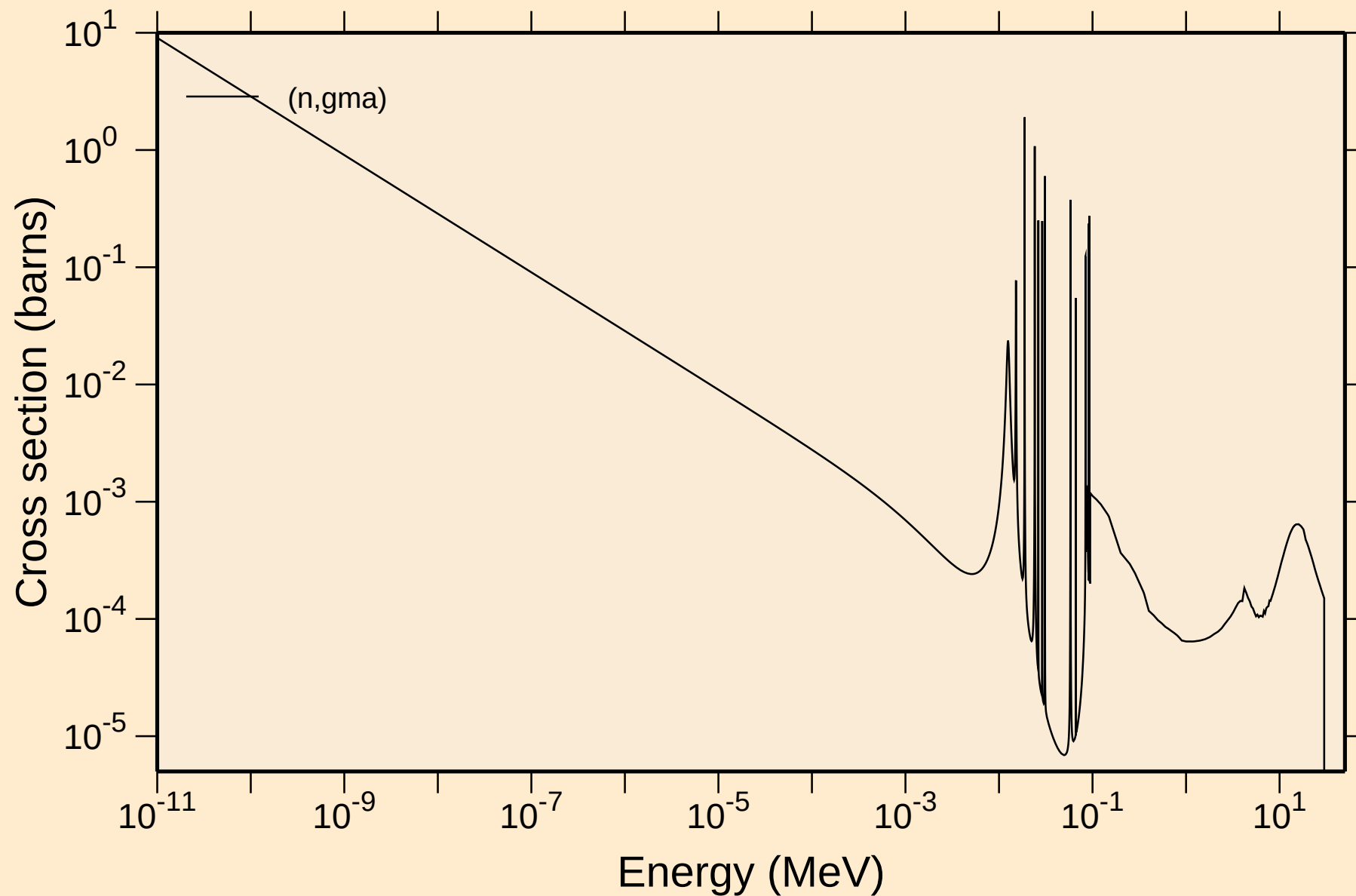


# K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Damage



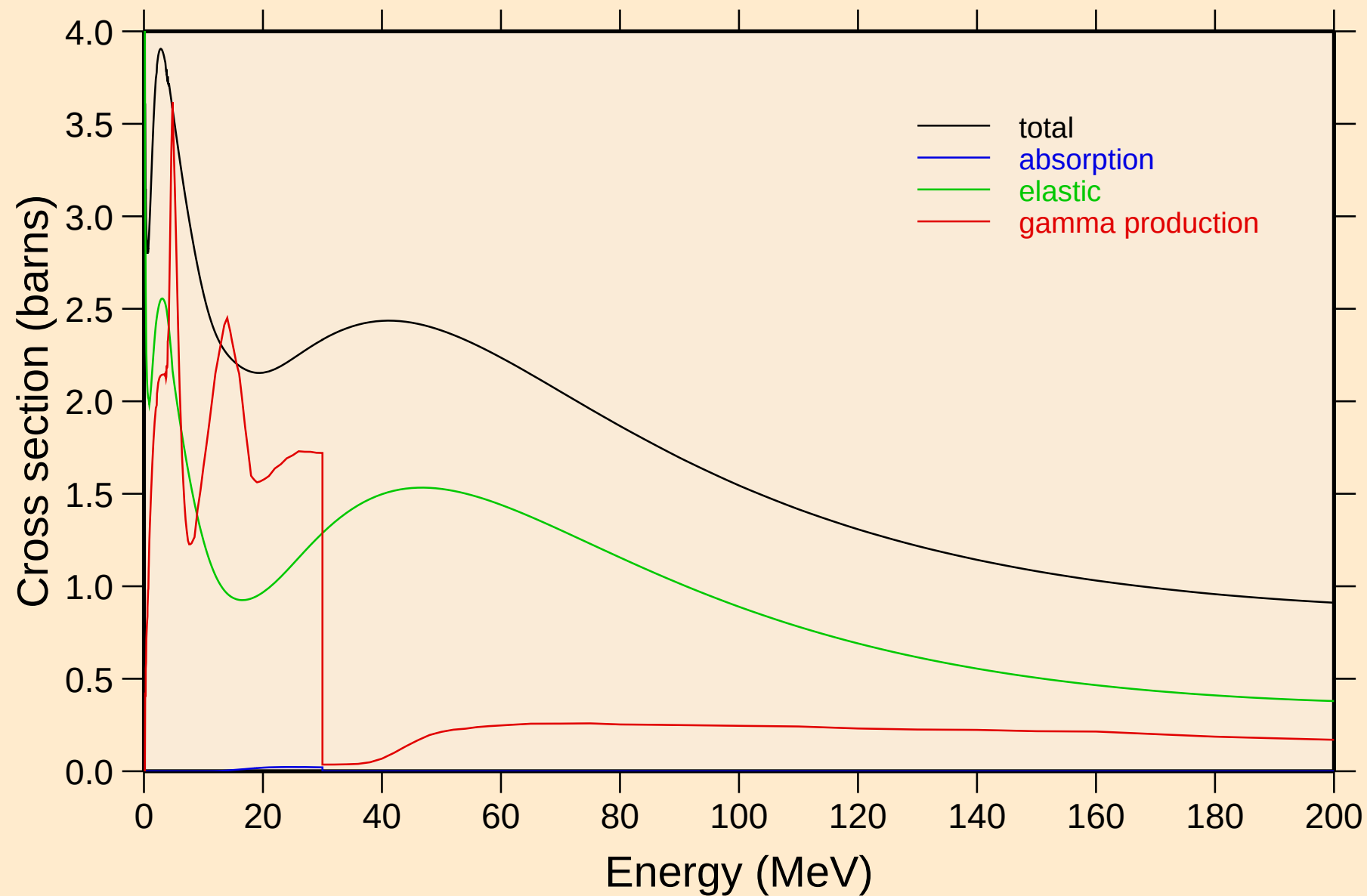
K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions





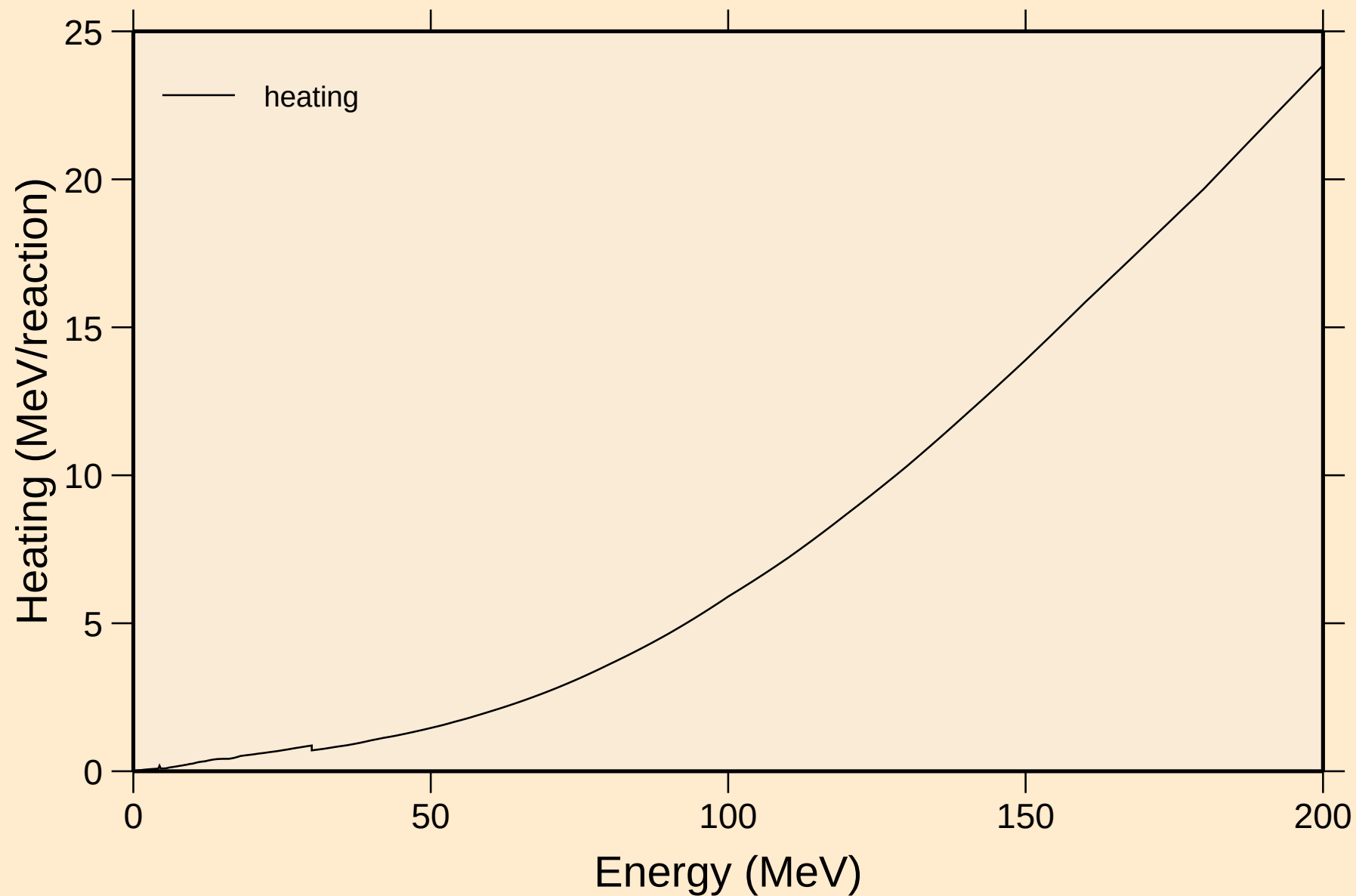
# K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Principal cross sections



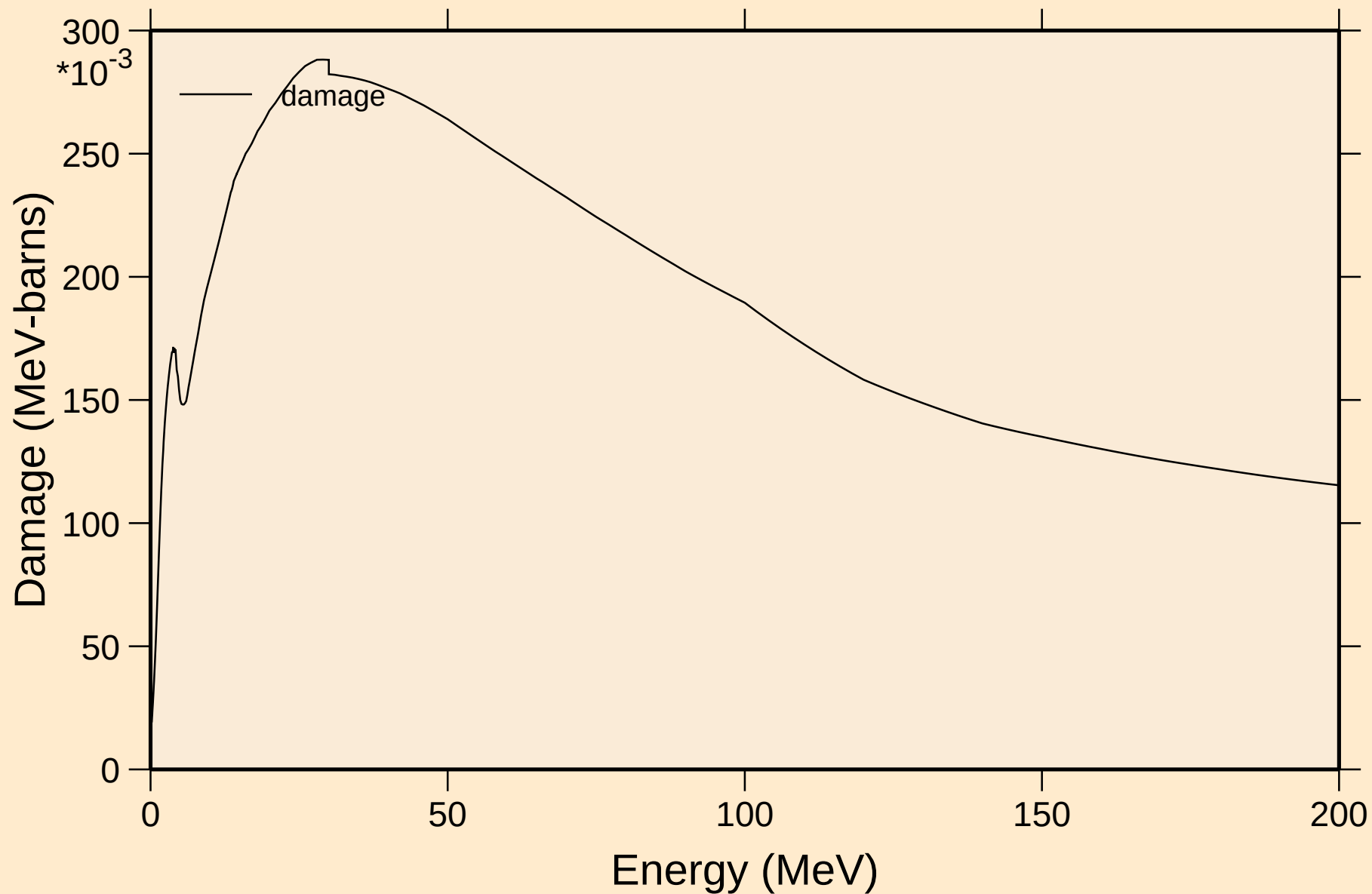
K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Heating

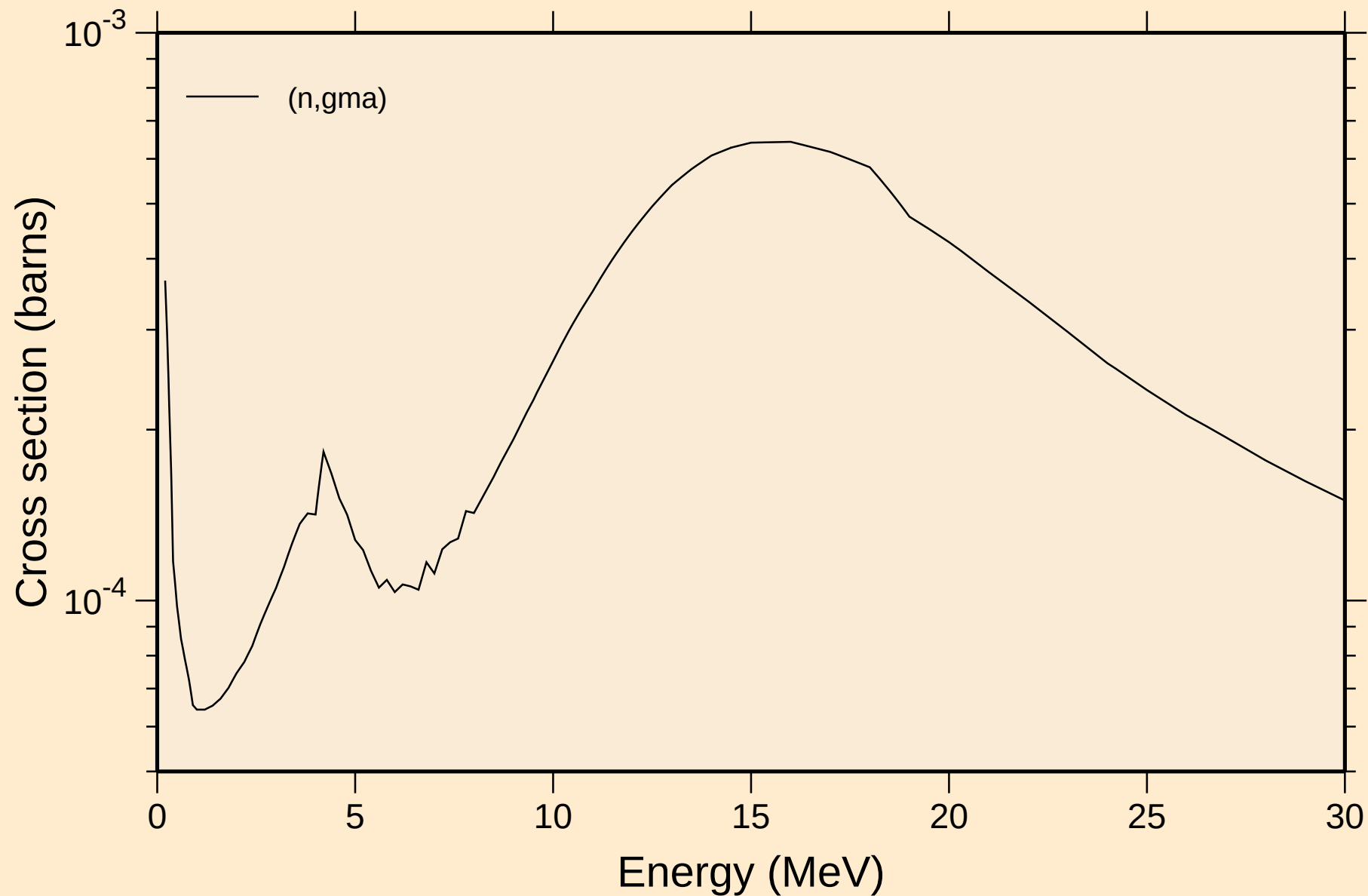


# K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

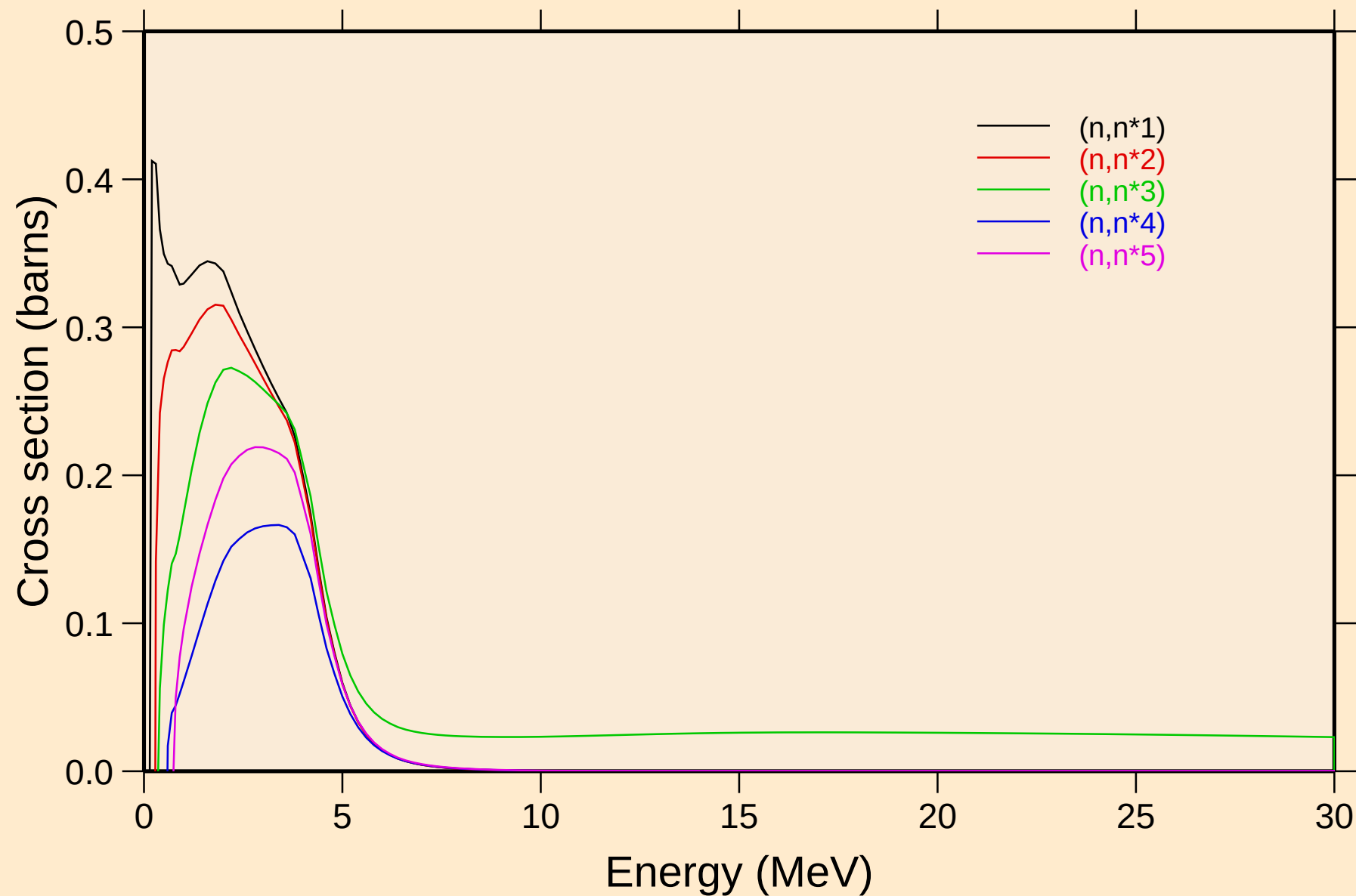
Damage



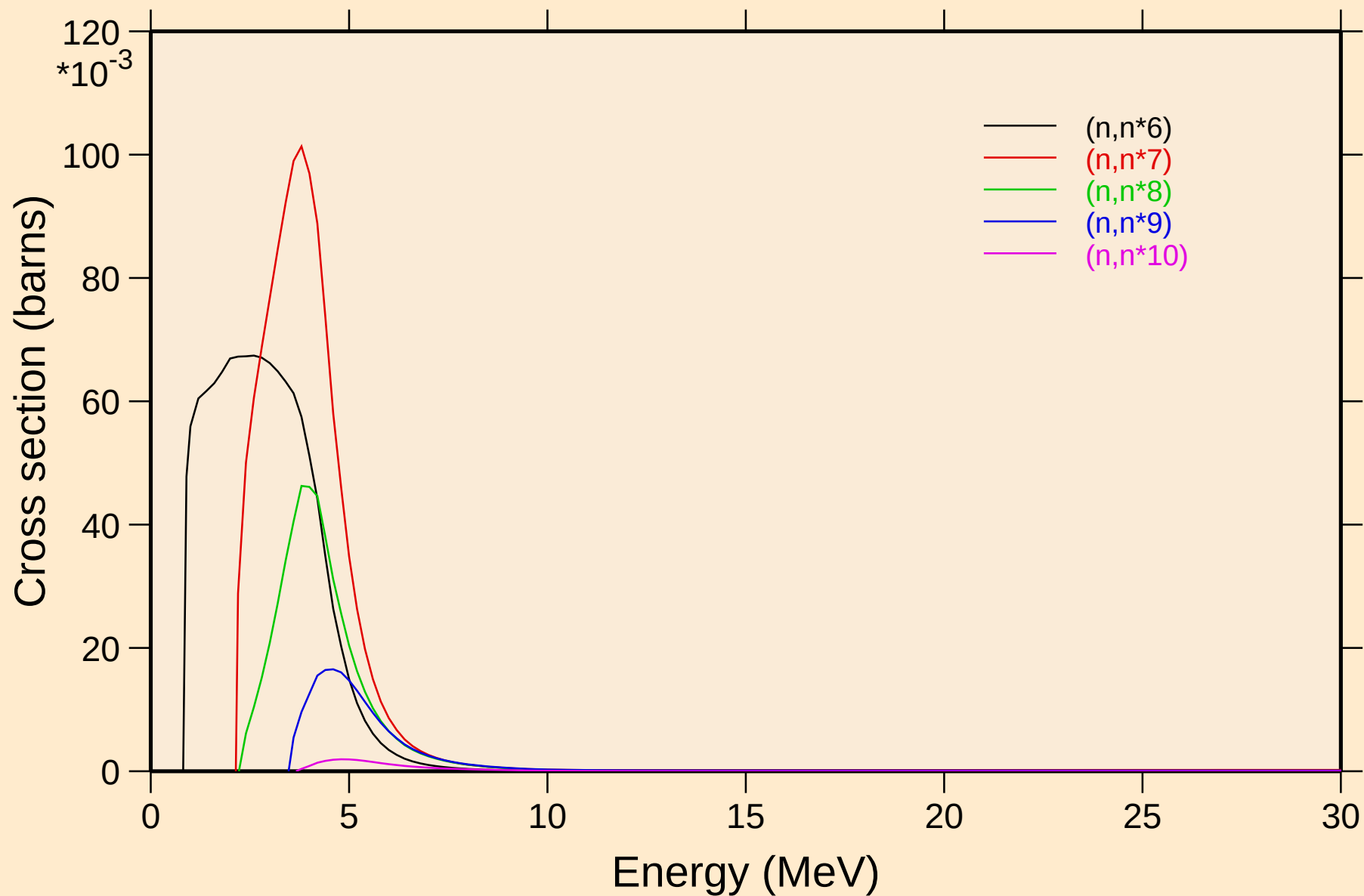
K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions



K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels

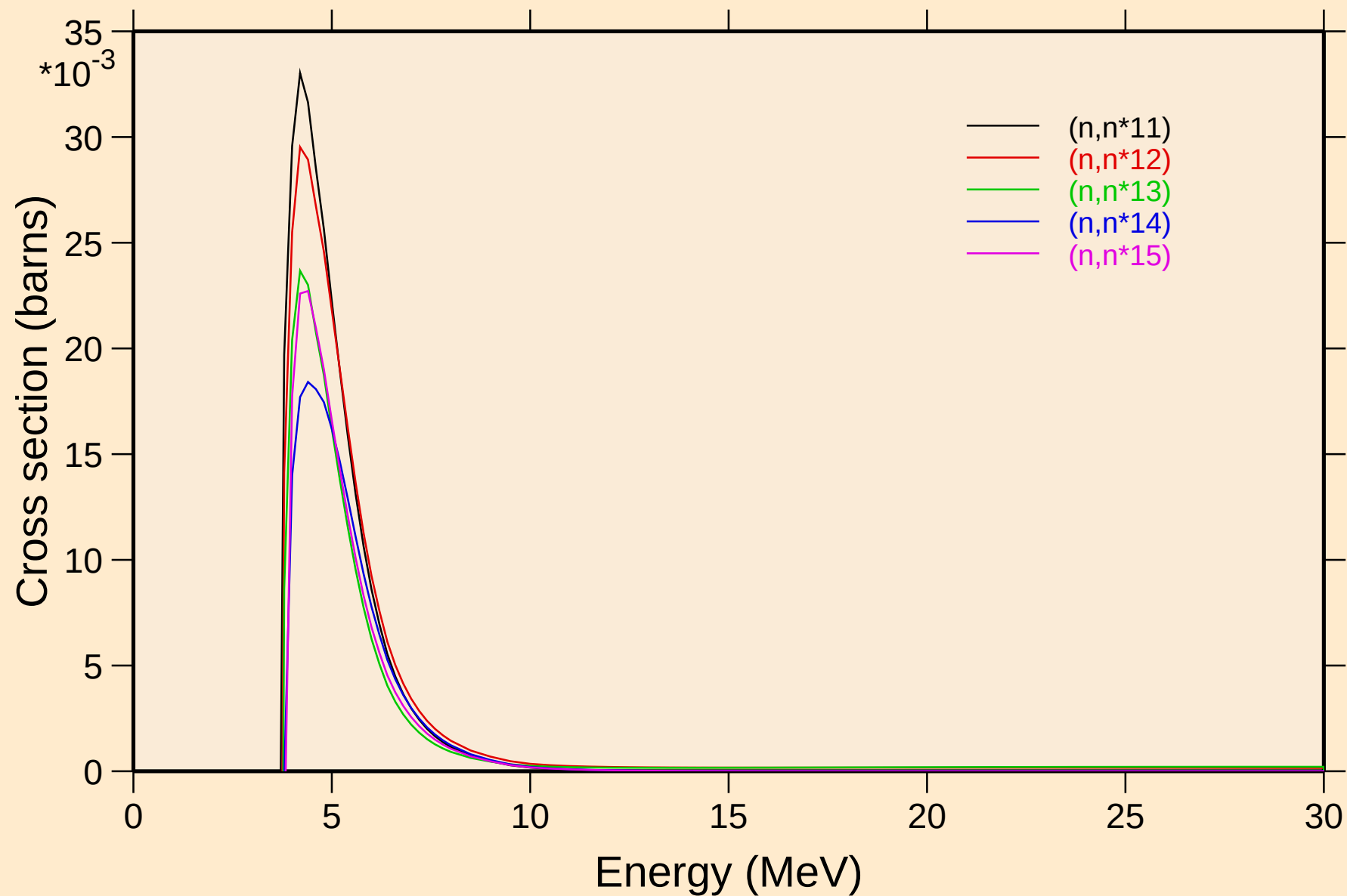


K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels

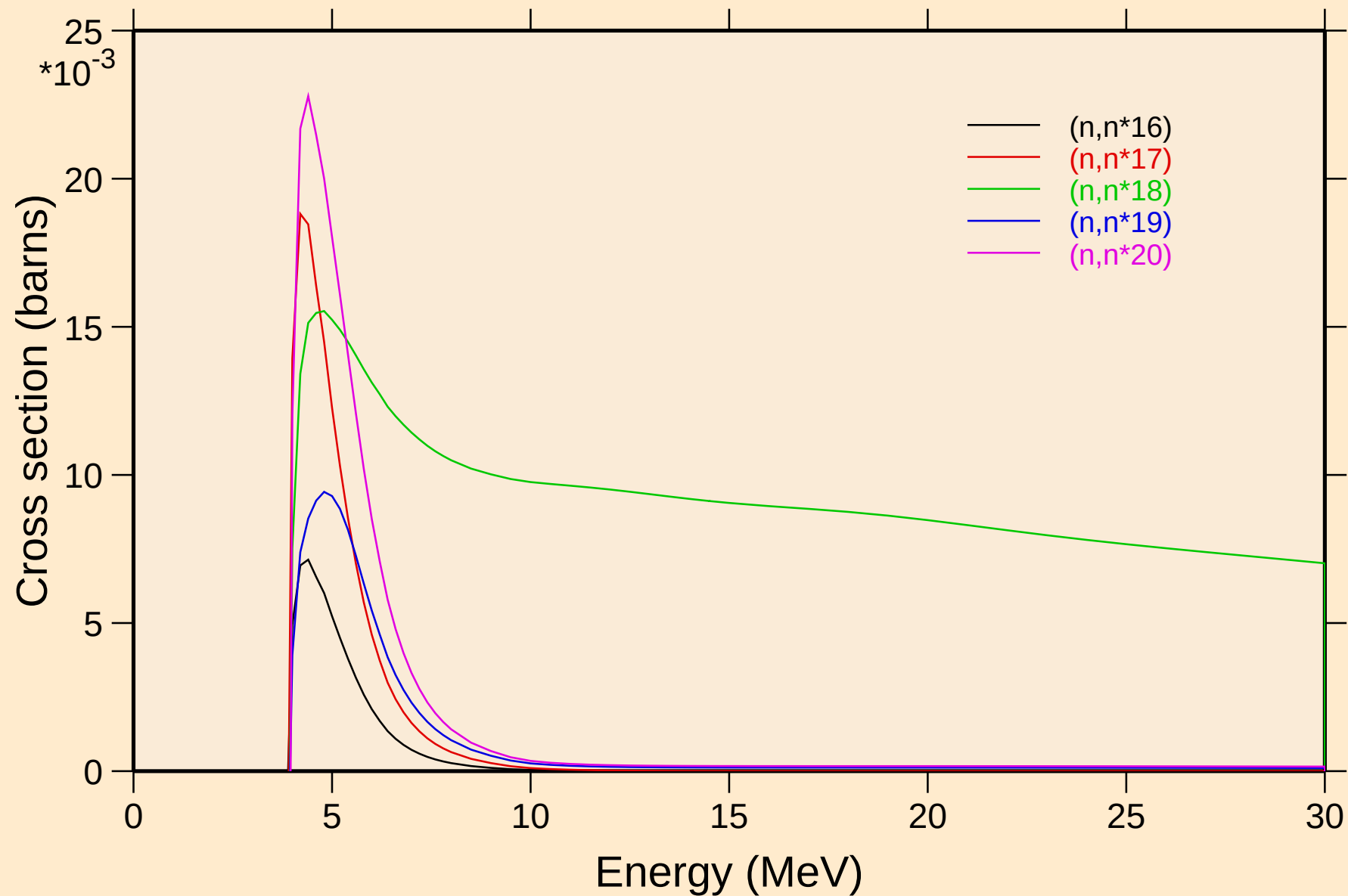


# K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Inelastic levels



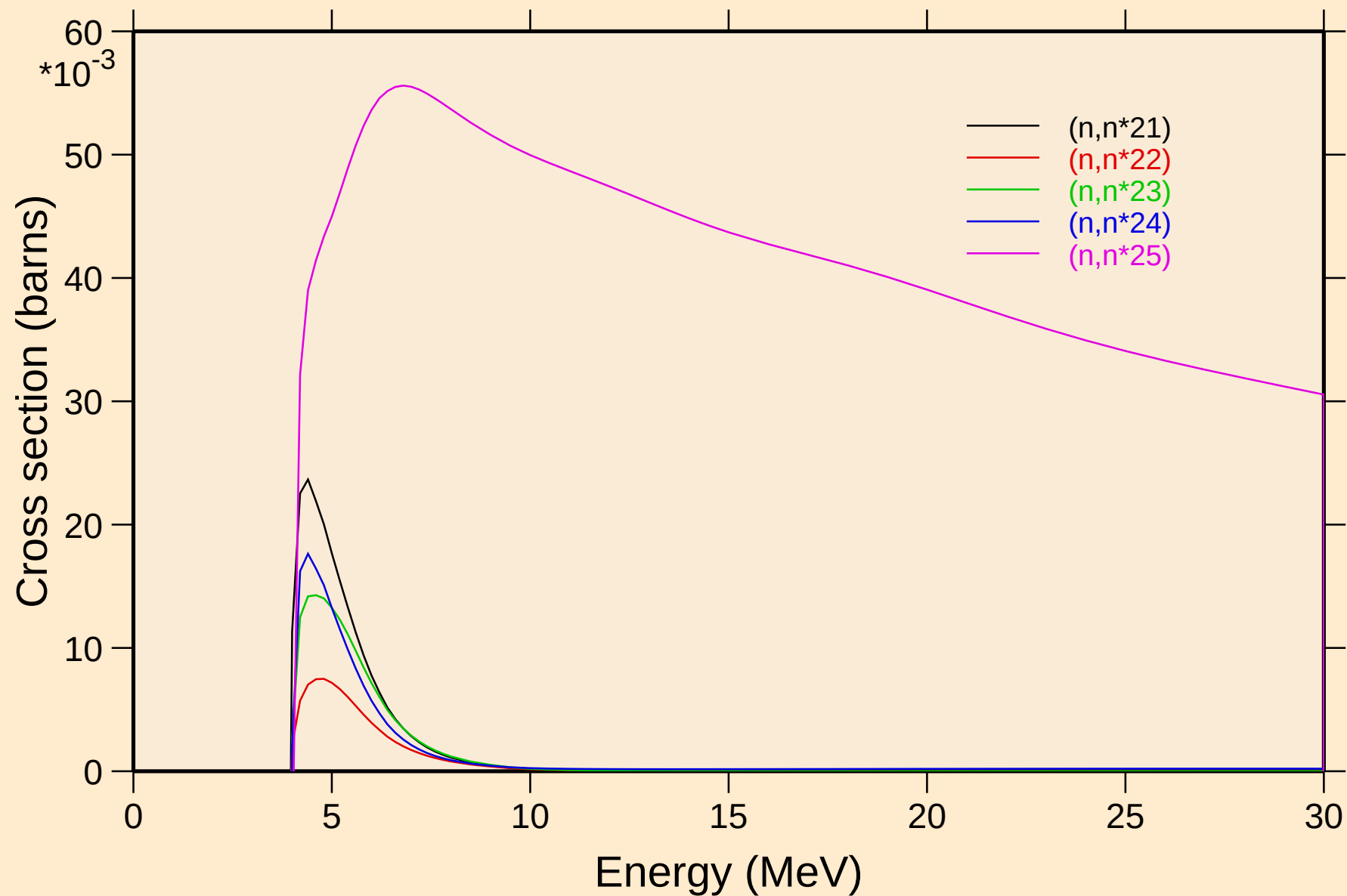
K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels





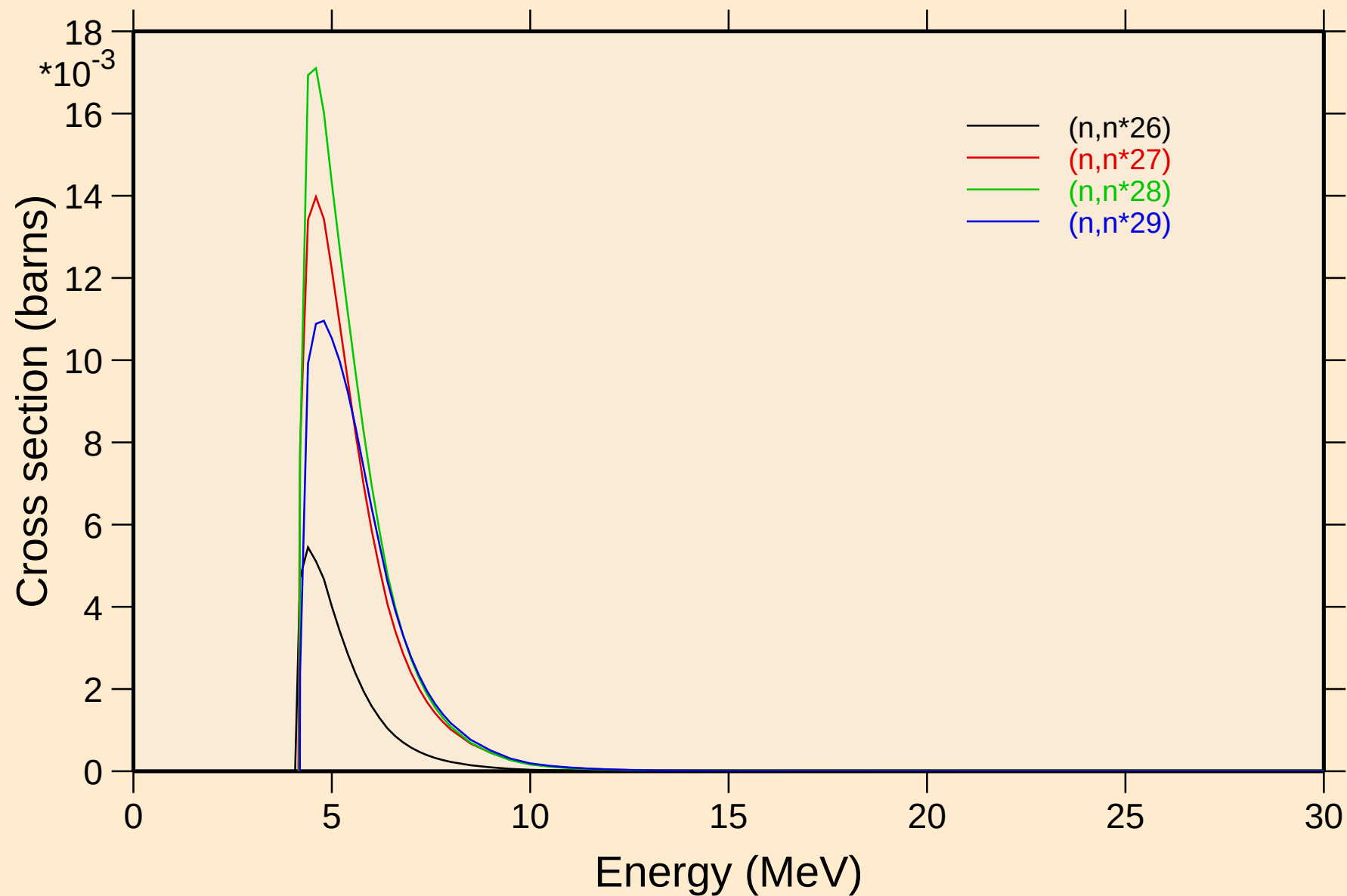
# K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Inelastic levels



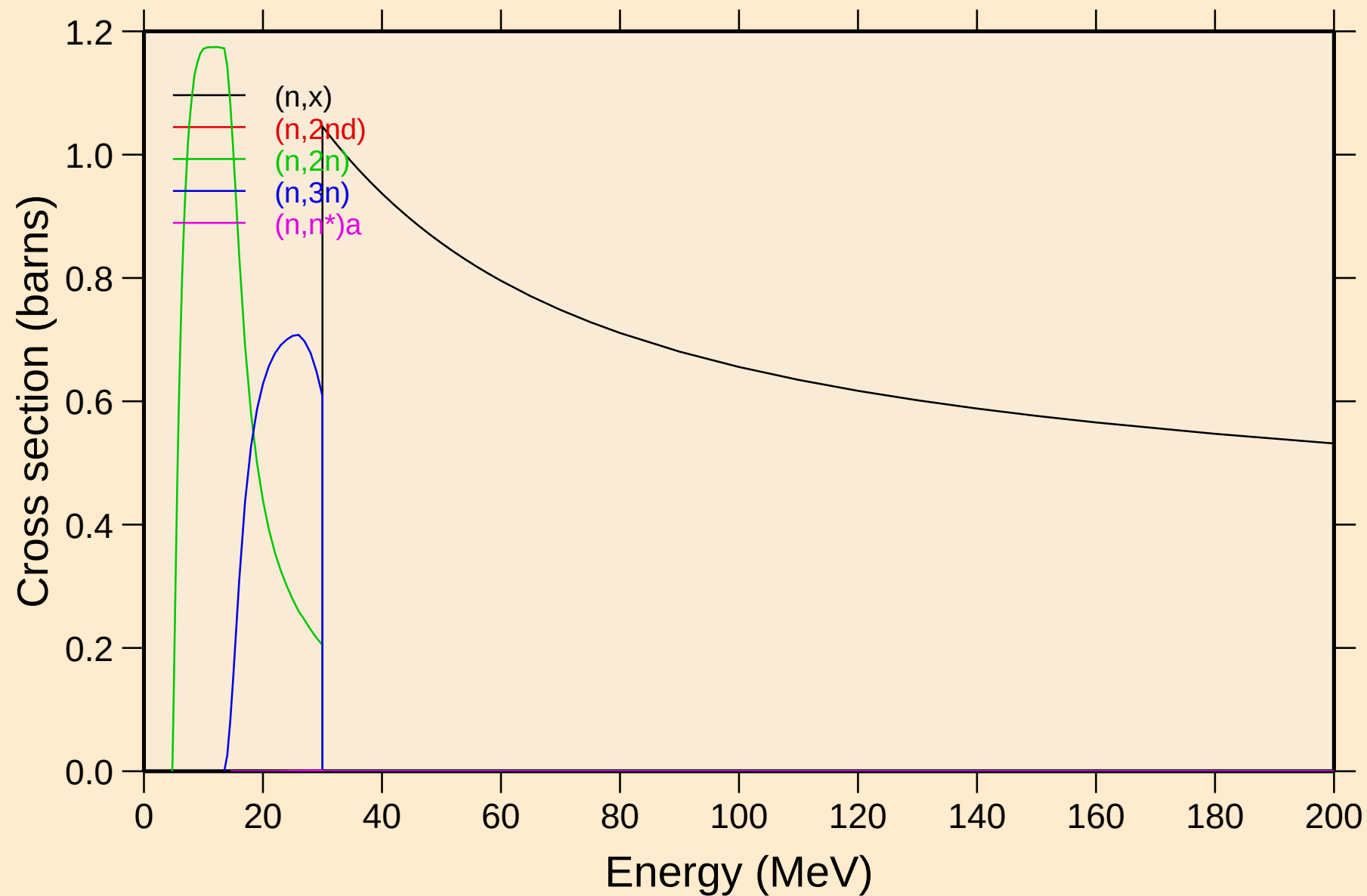
# K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Inelastic levels

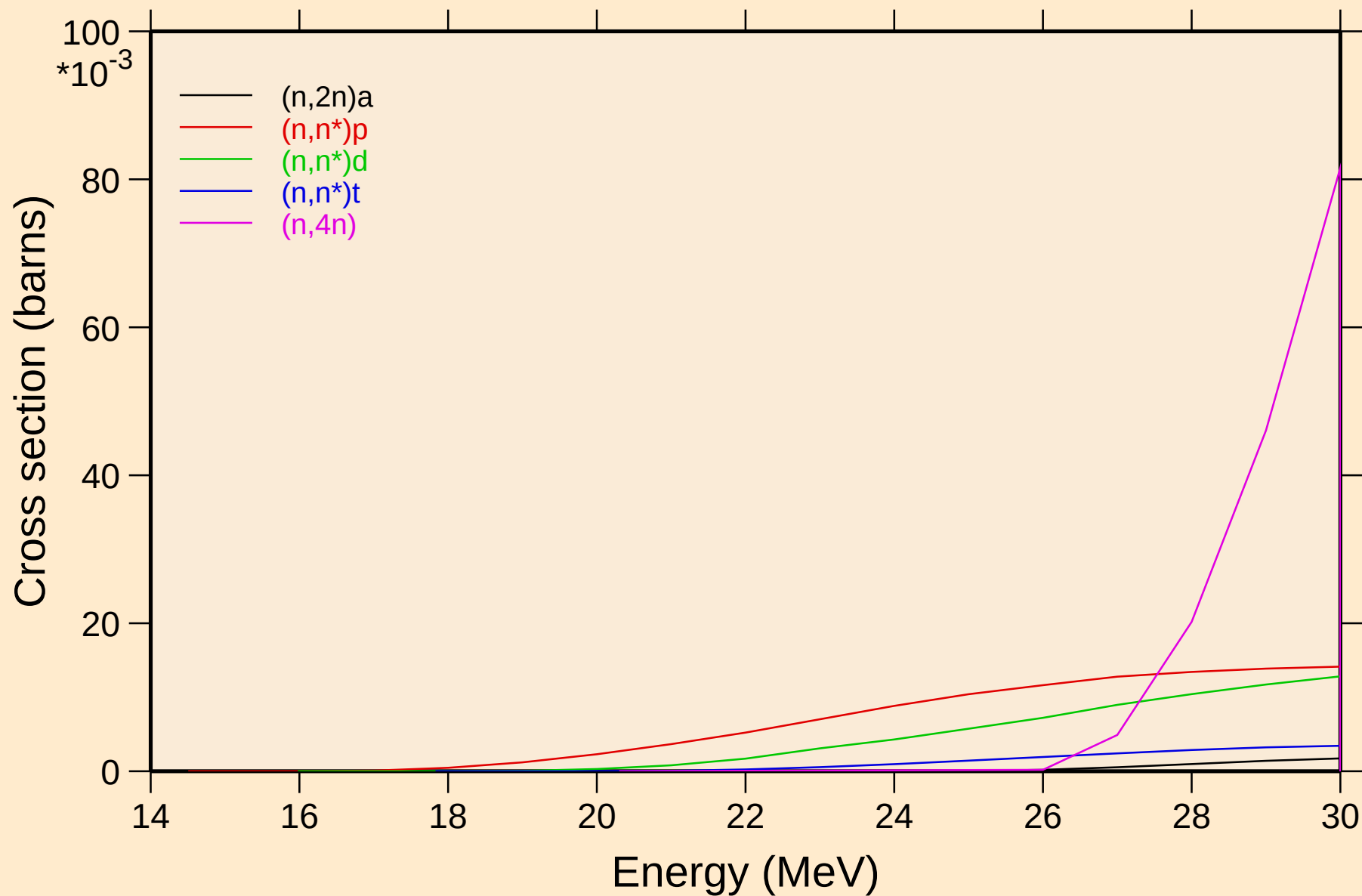


# K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

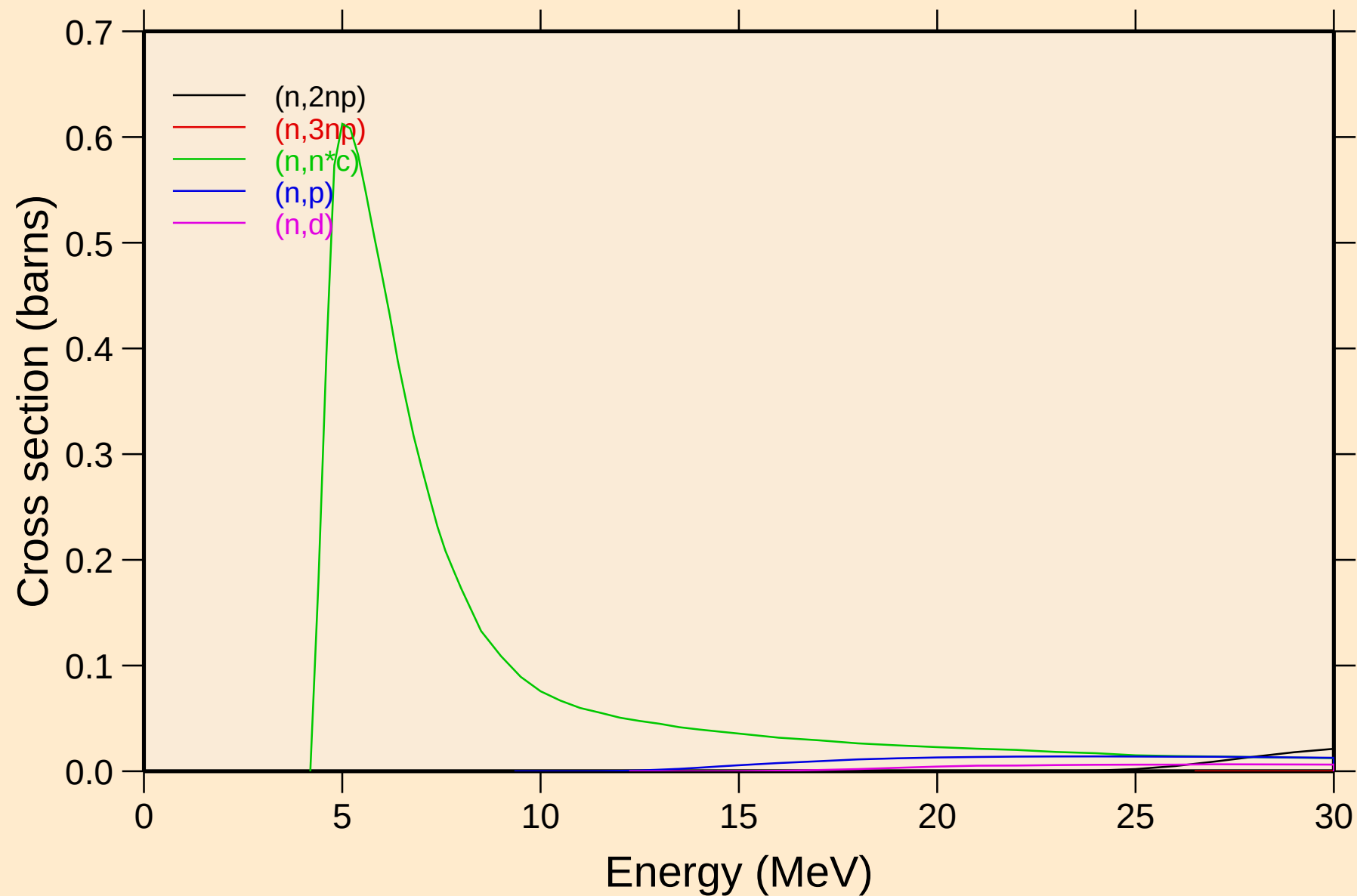
## Threshold reactions



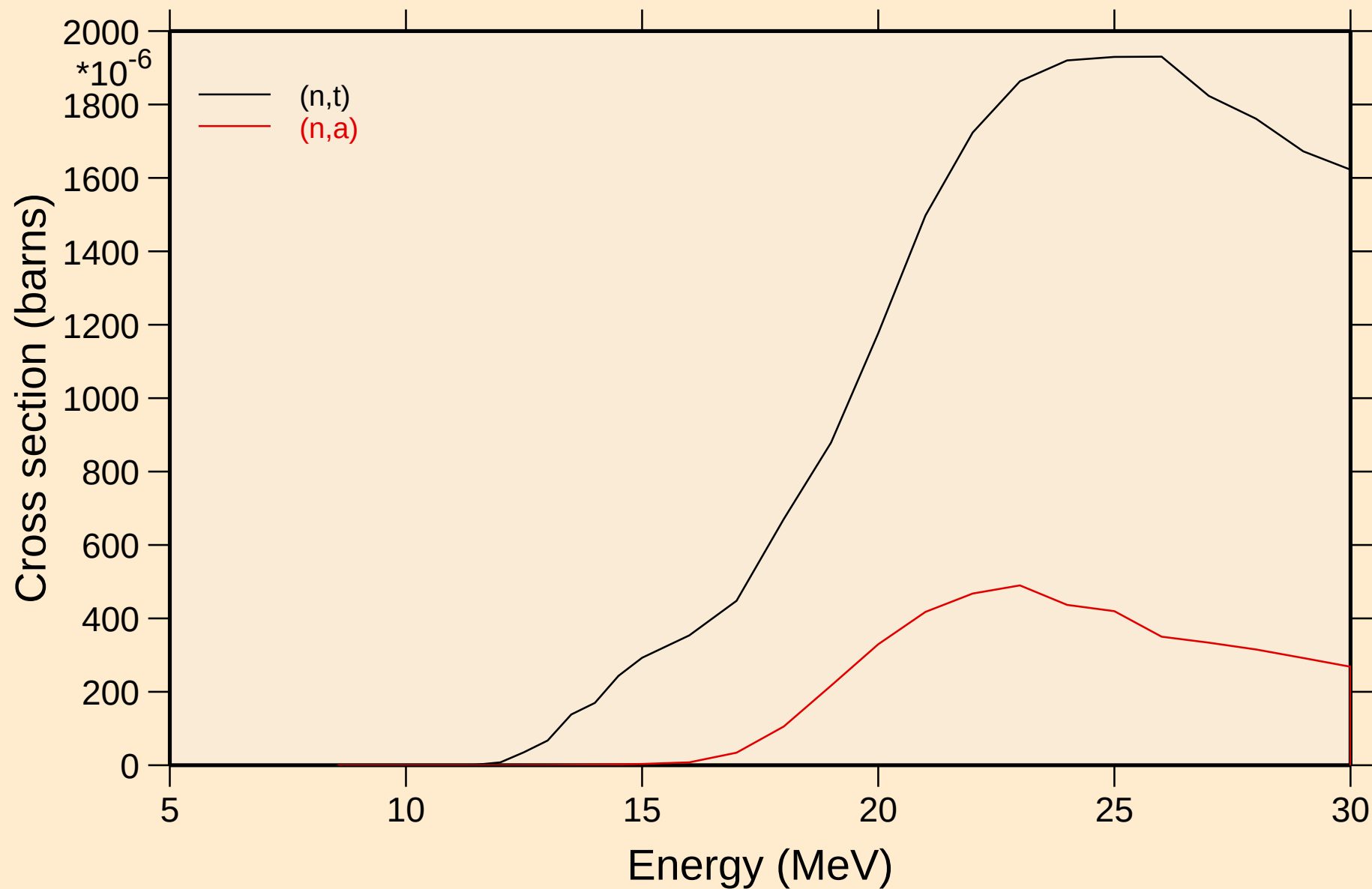
K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions

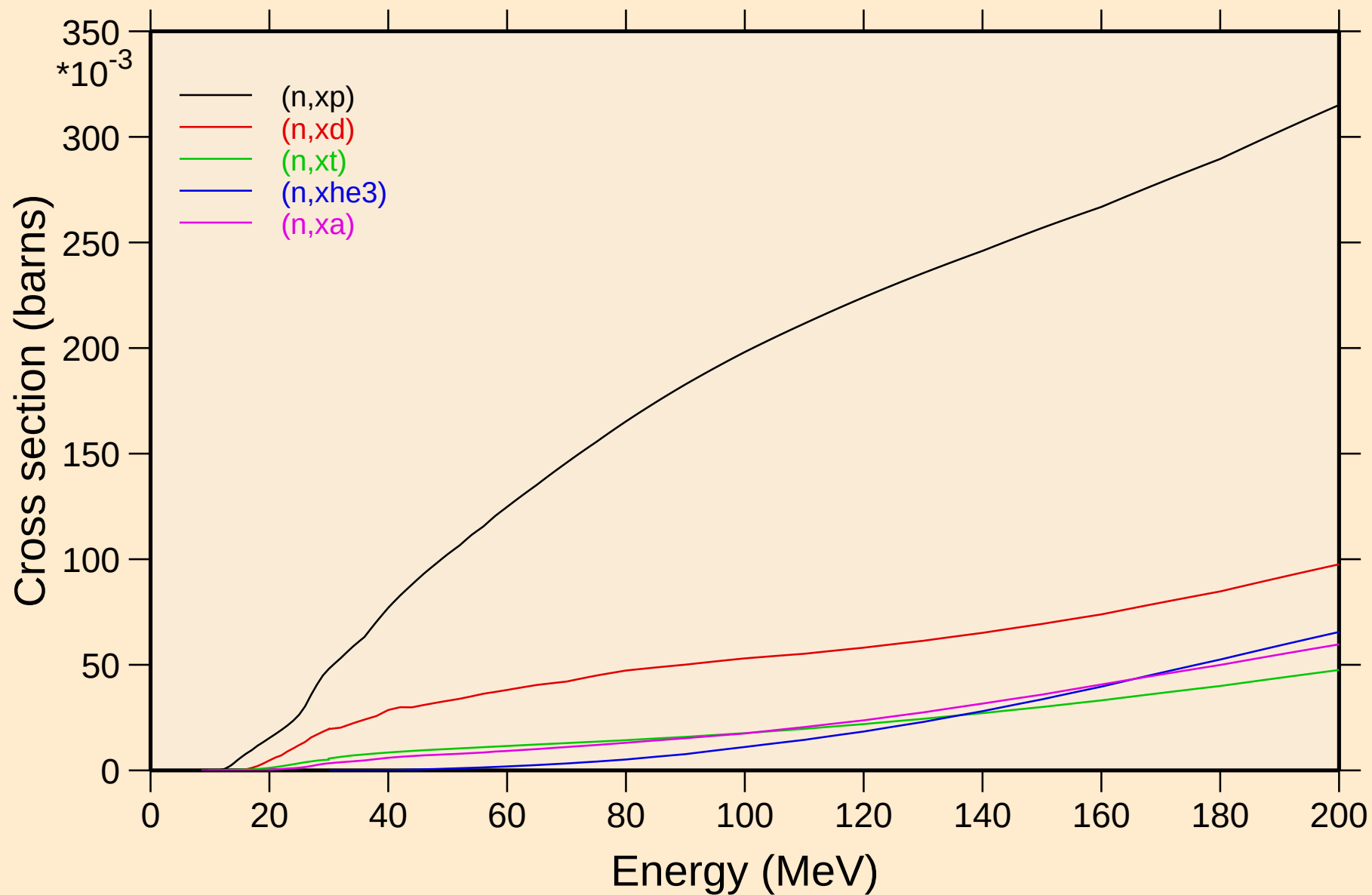


K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions

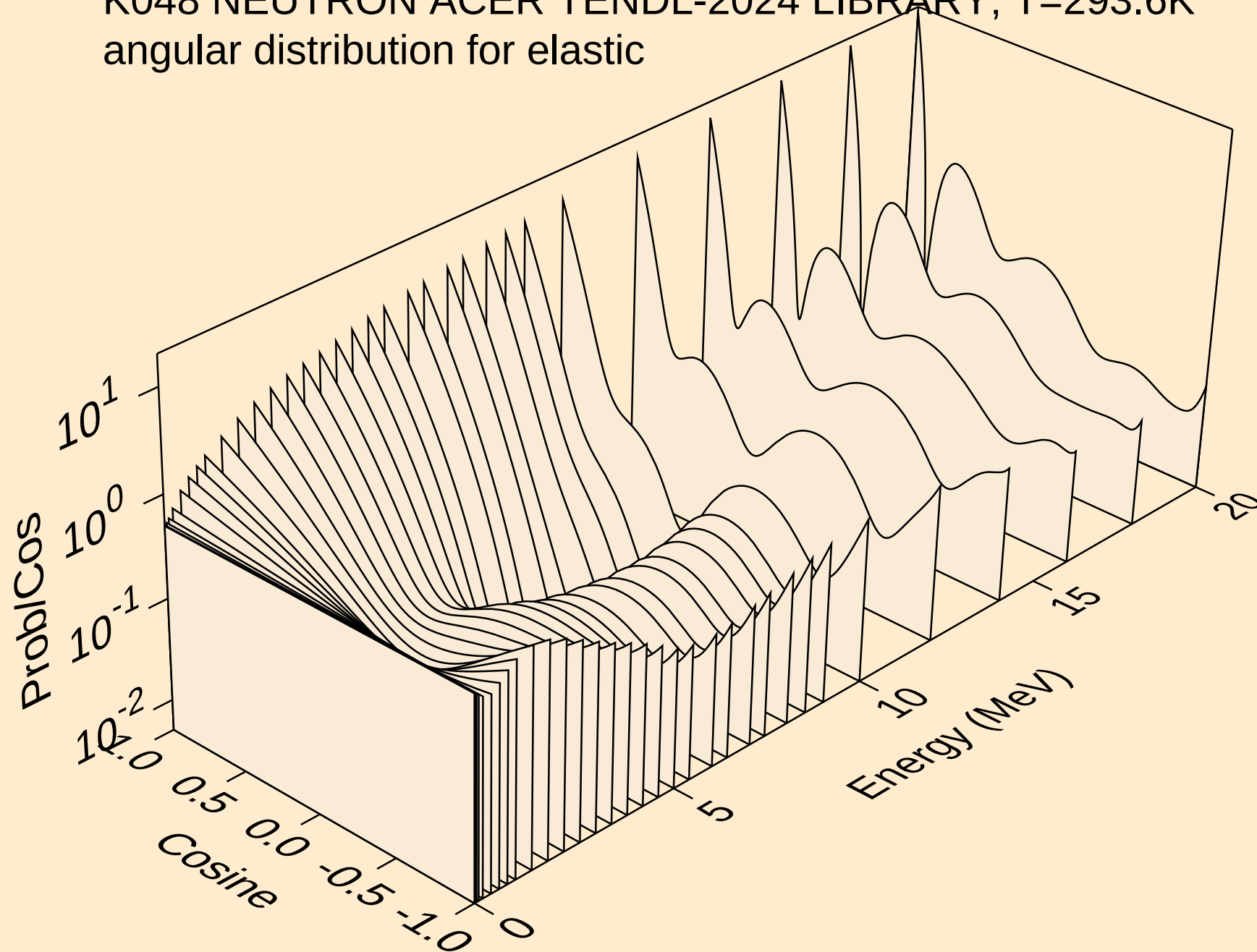


# K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Threshold reactions

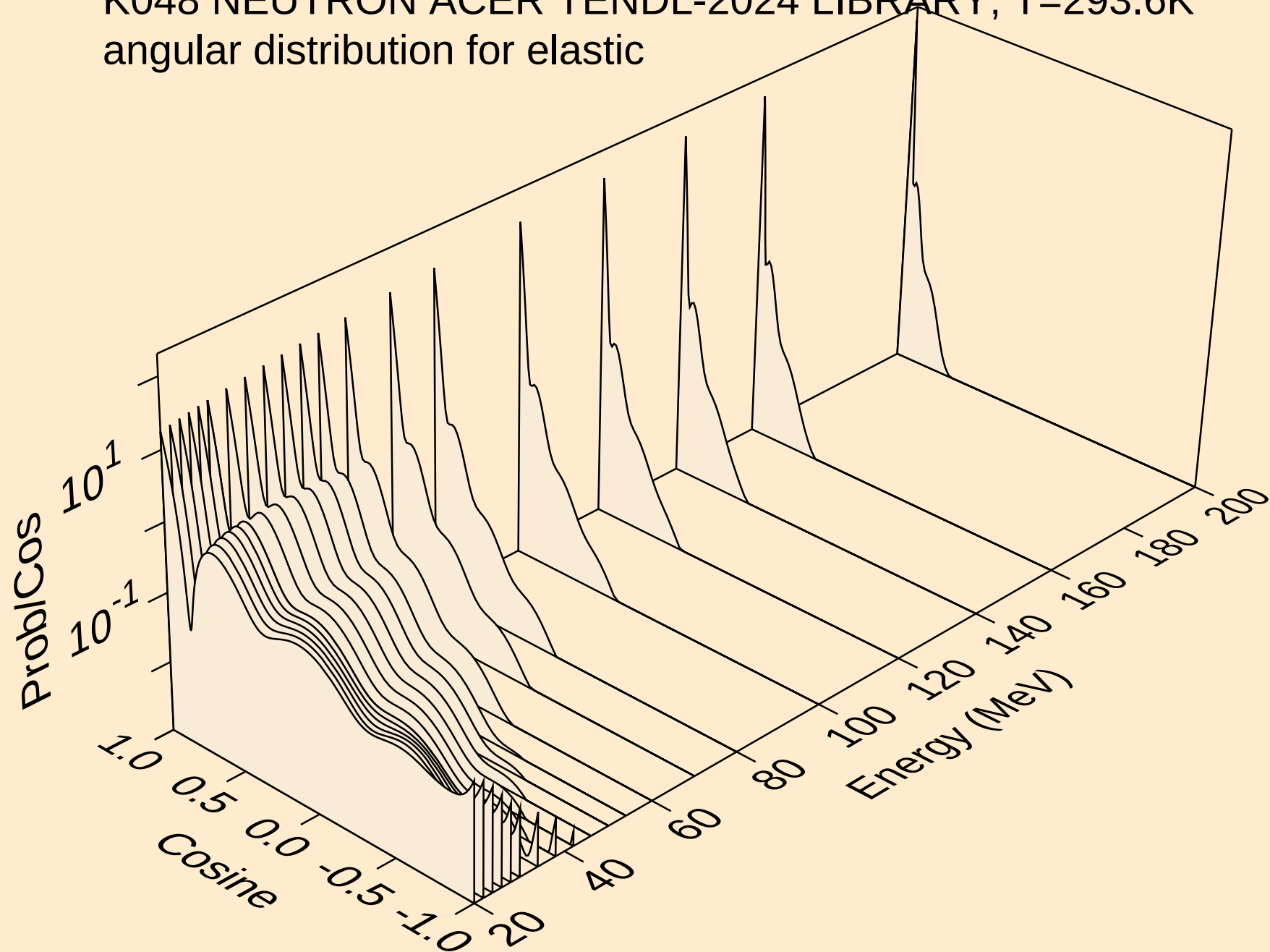


K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for elastic

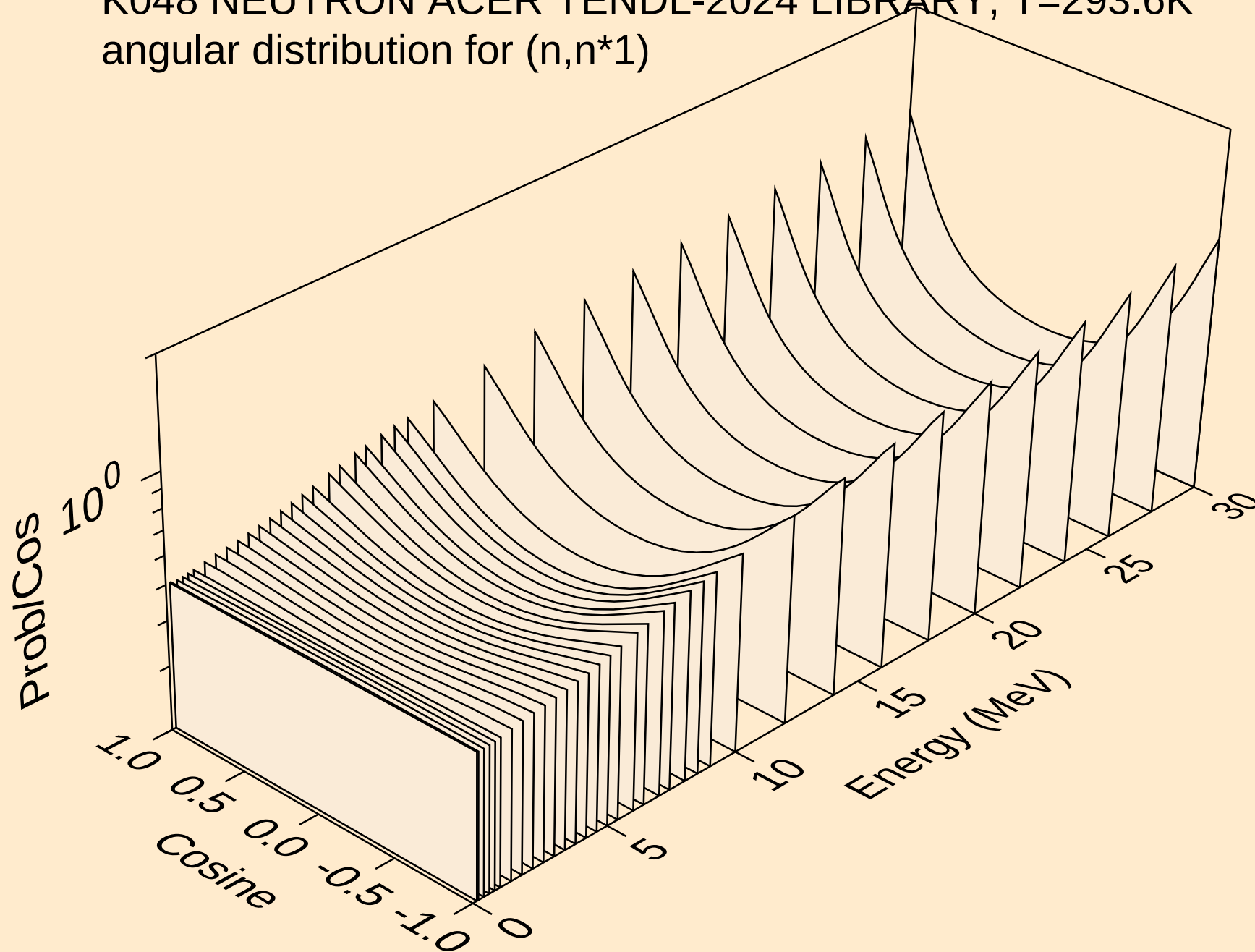




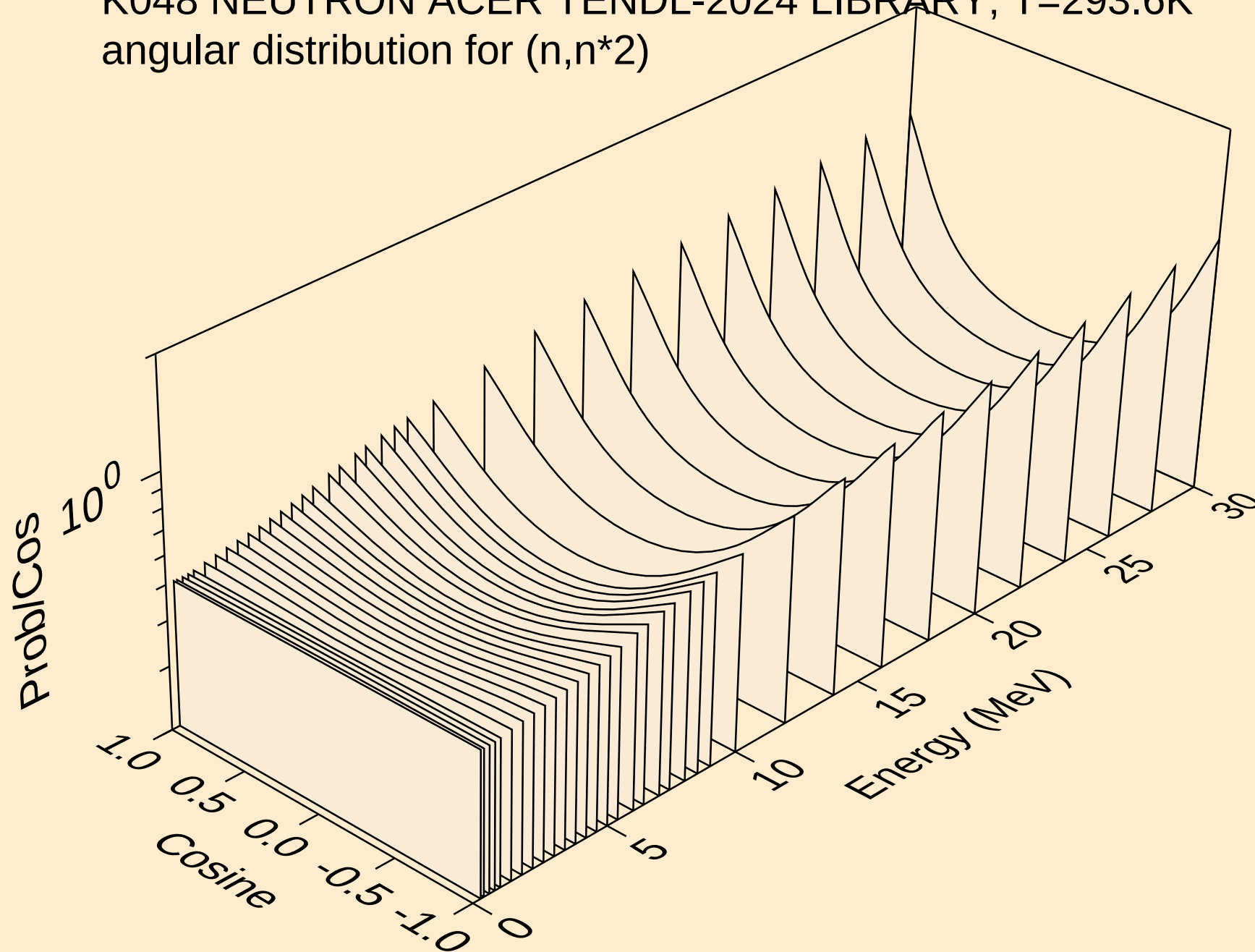
K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for elastic



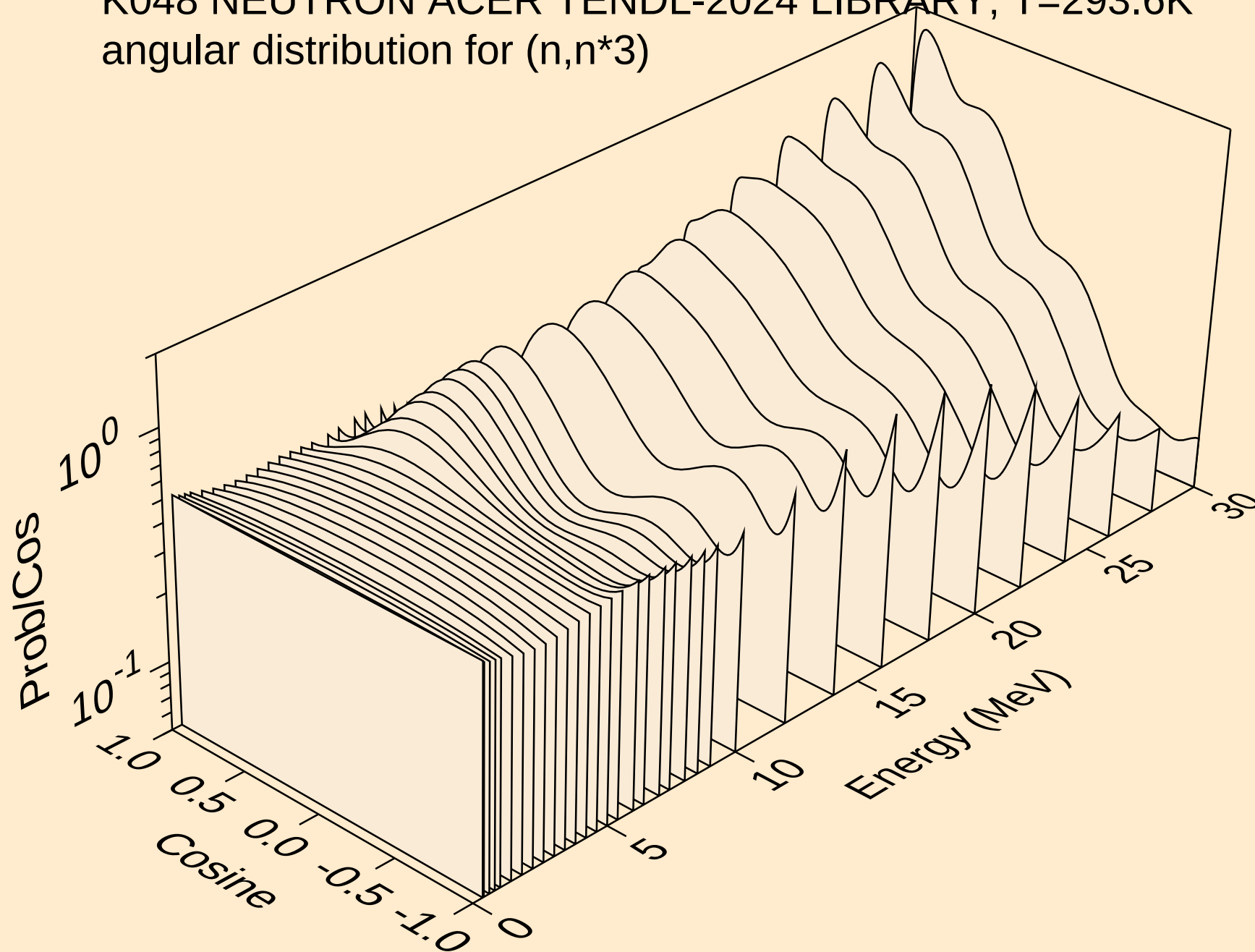
K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



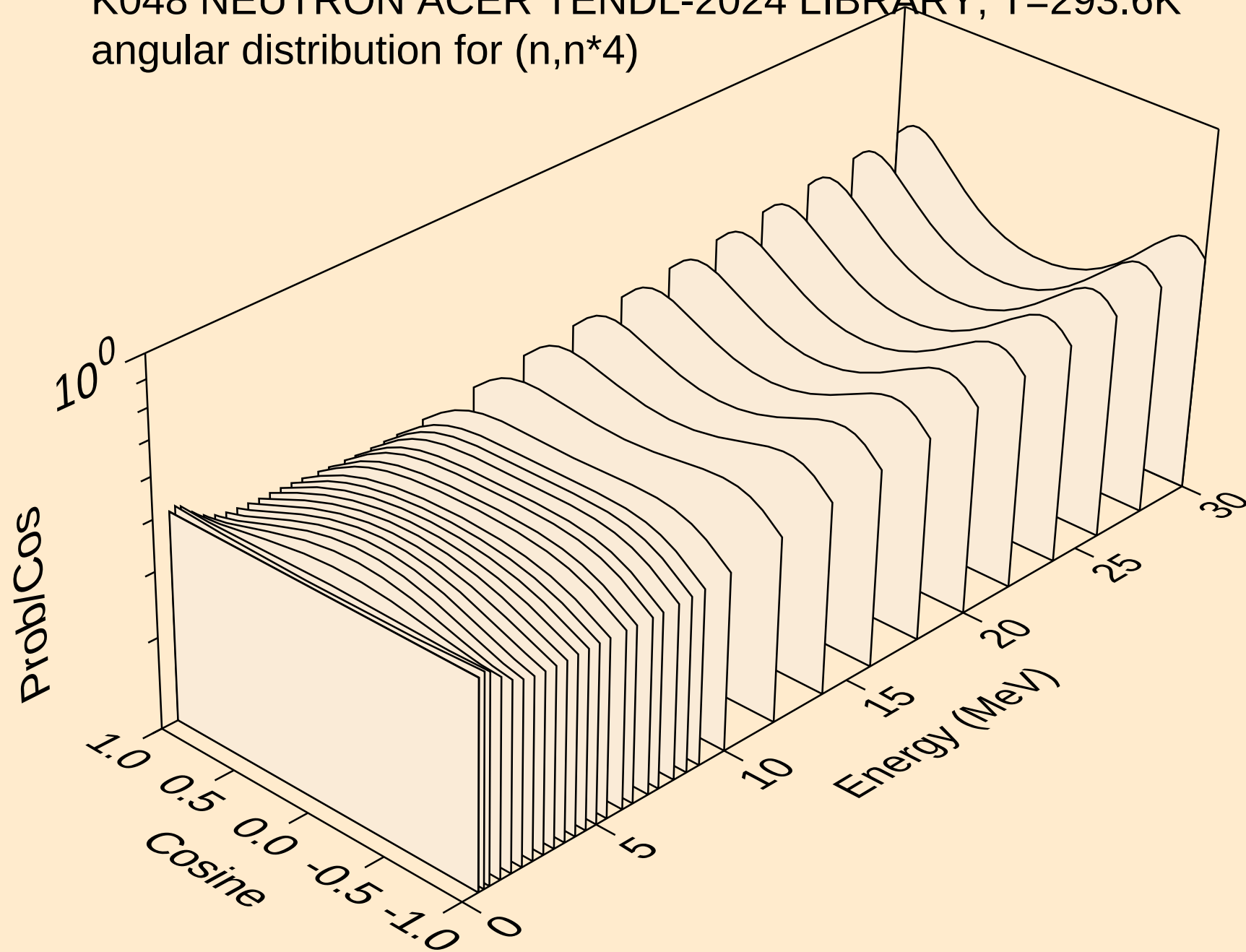
K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)



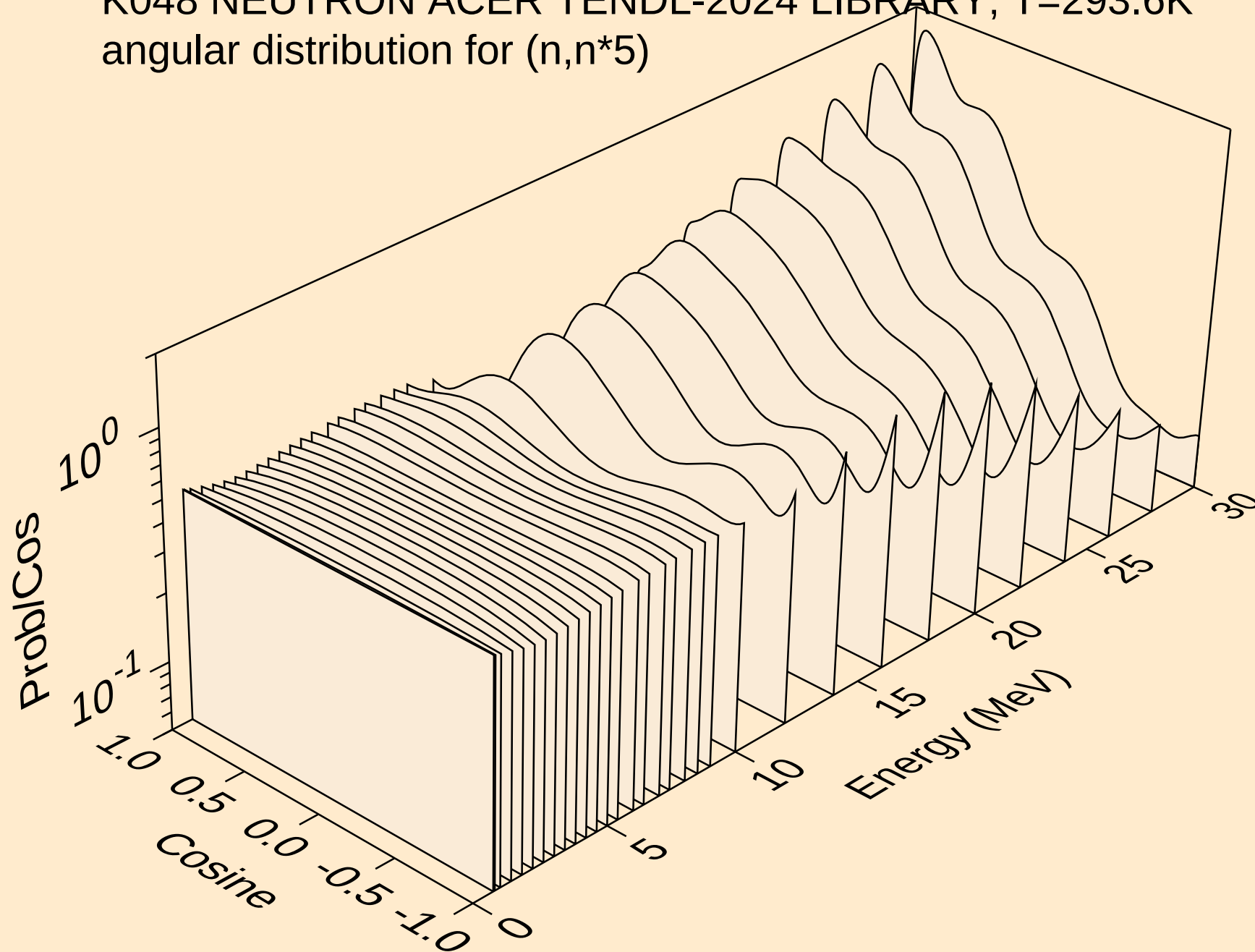
K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*3)



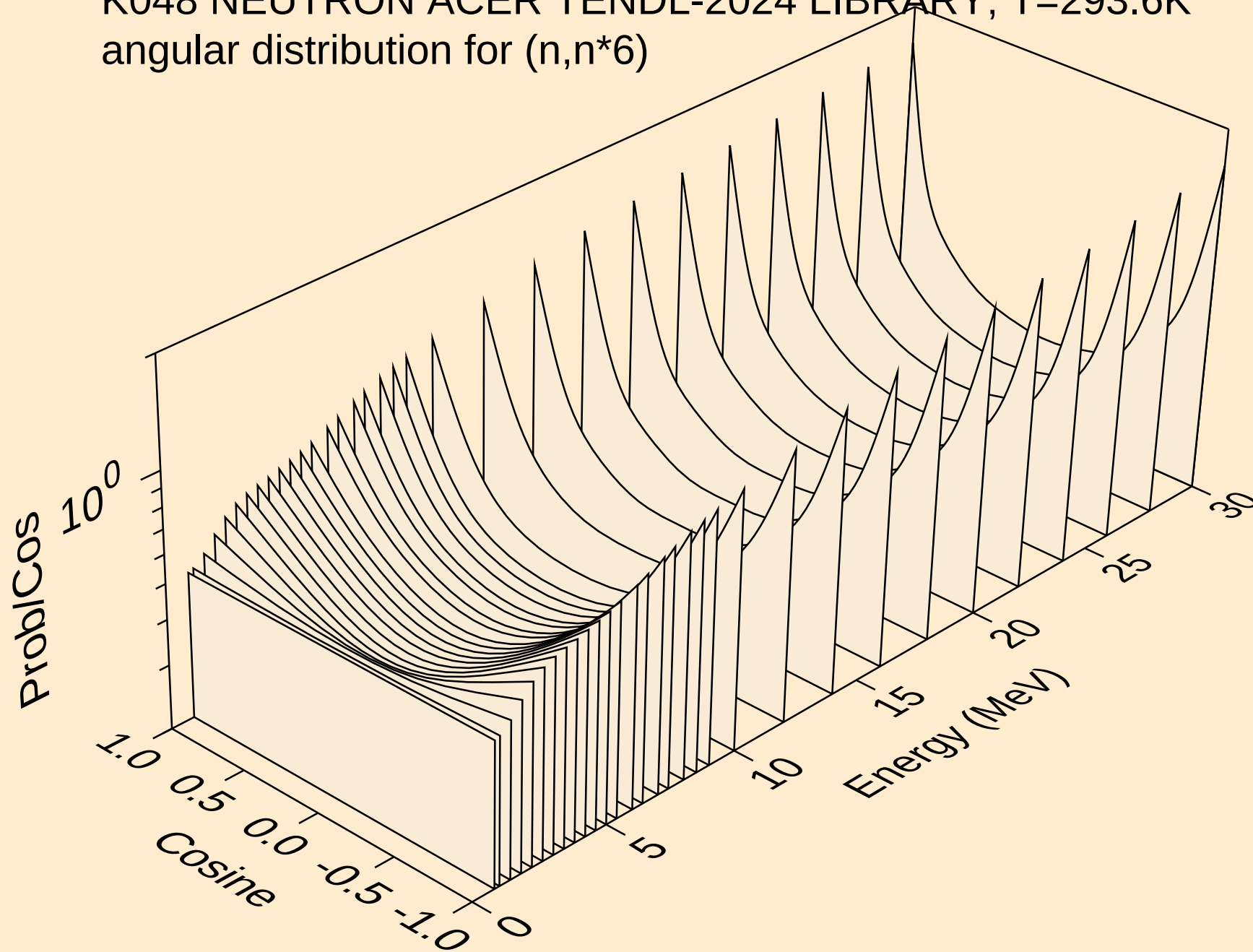
K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*4)



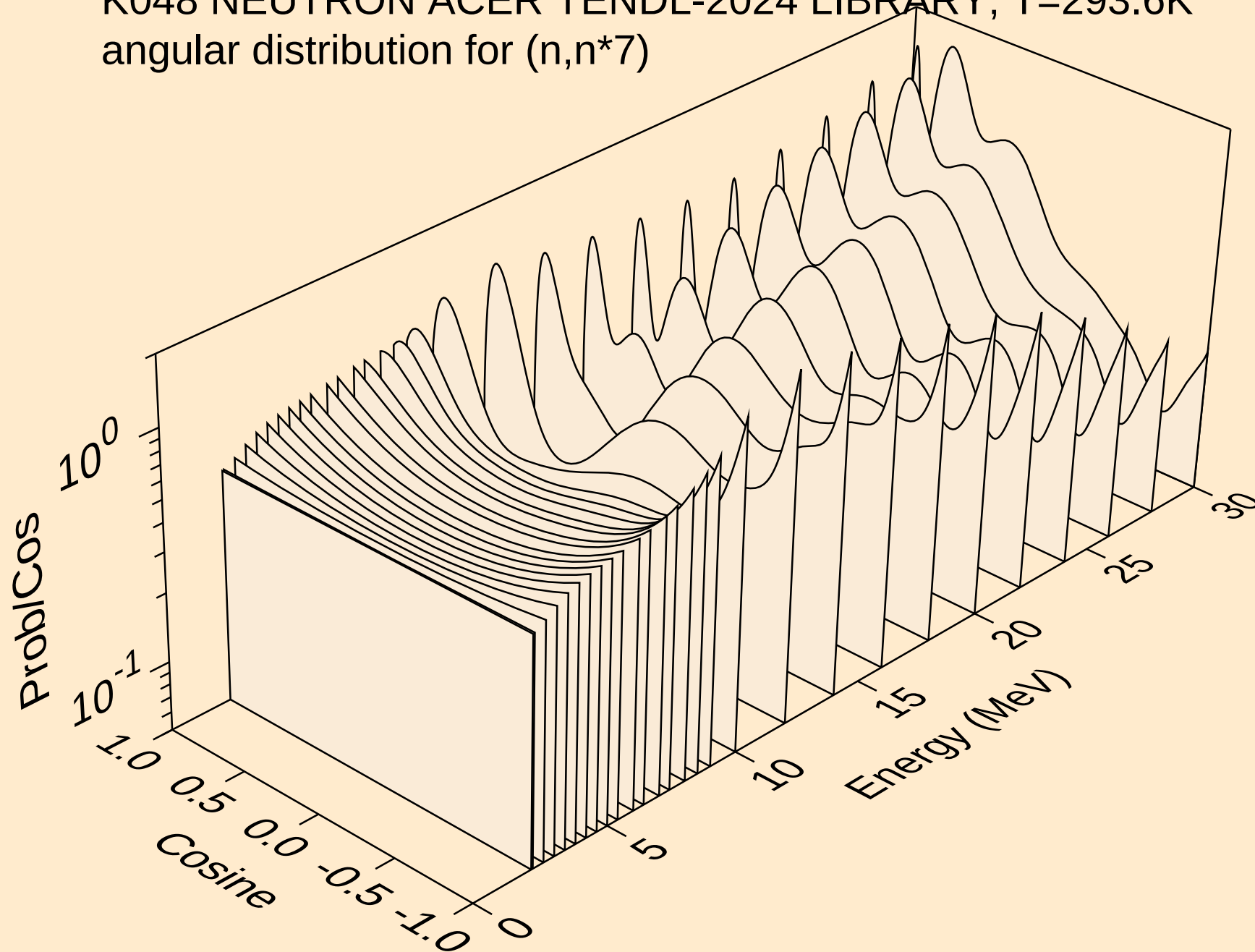
K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*5)



K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*6)

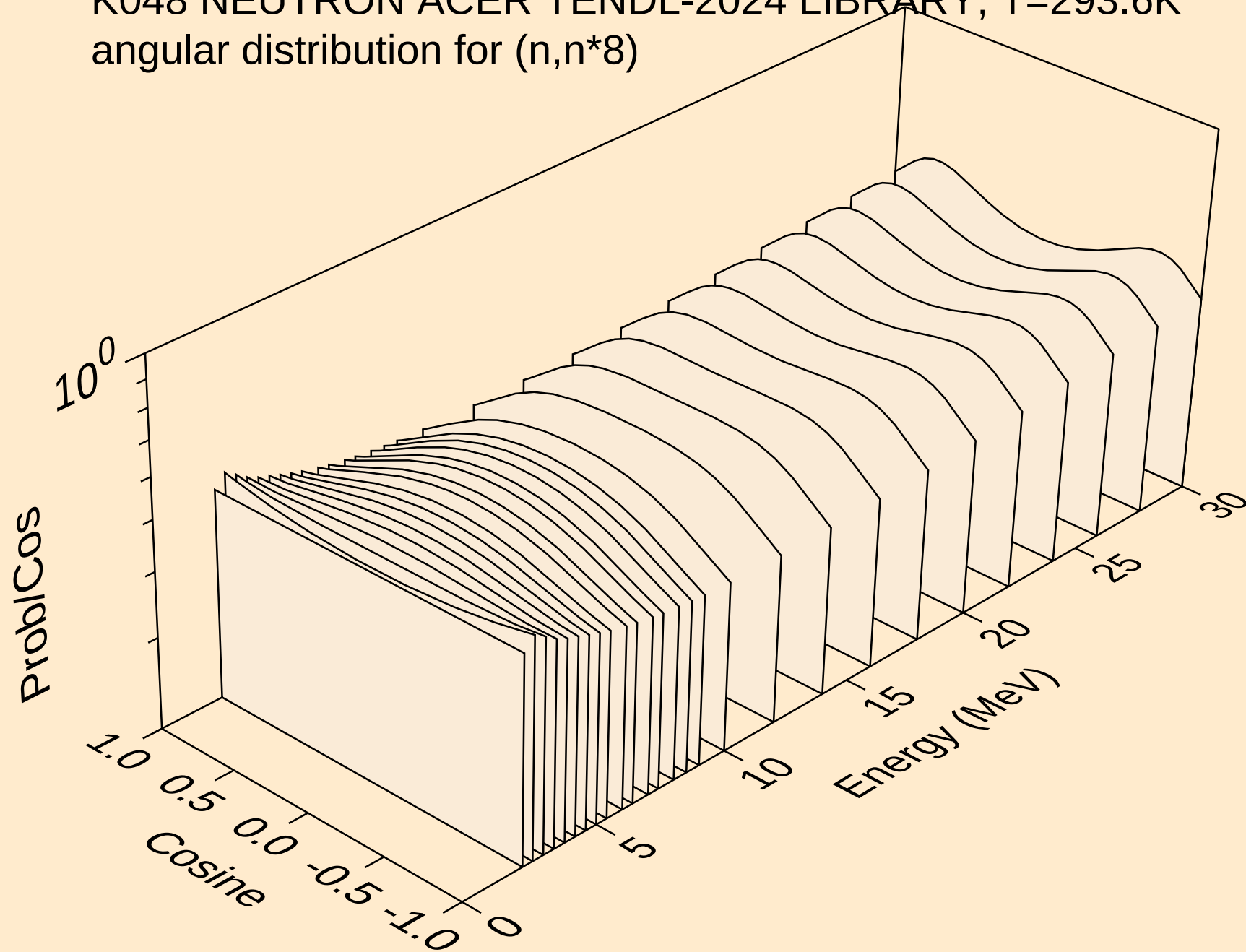


K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*7)

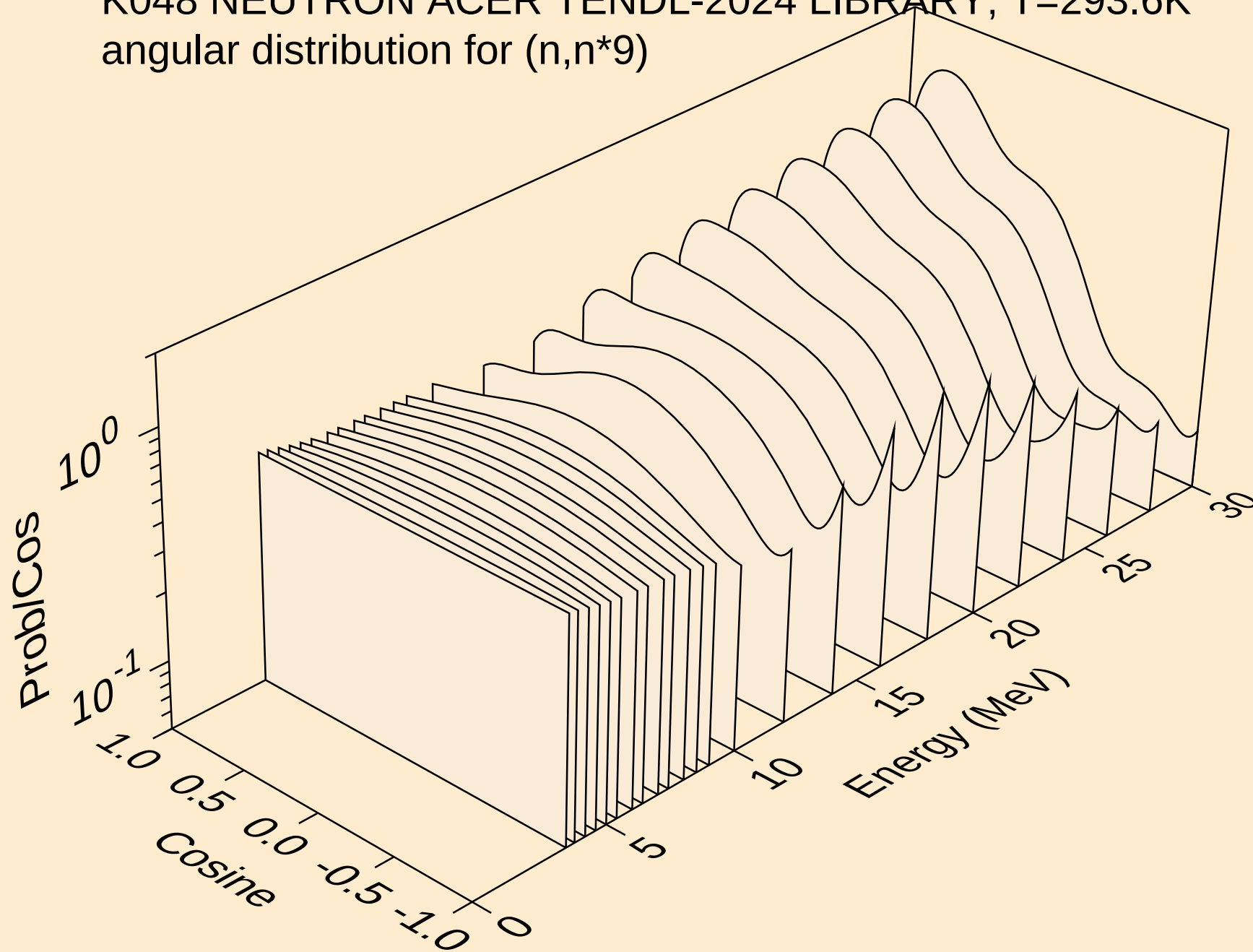




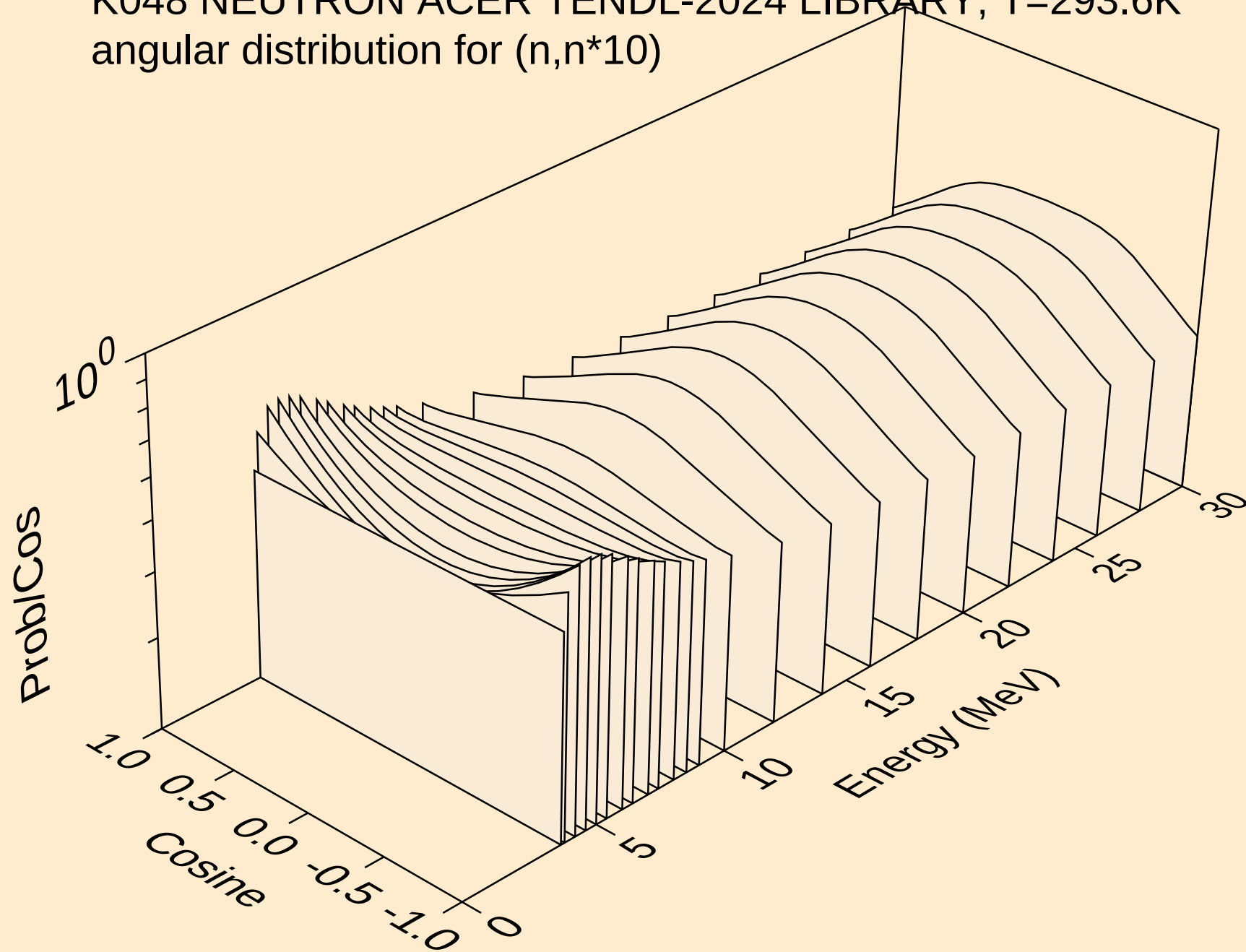
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angular distribution for (n,n\*8)



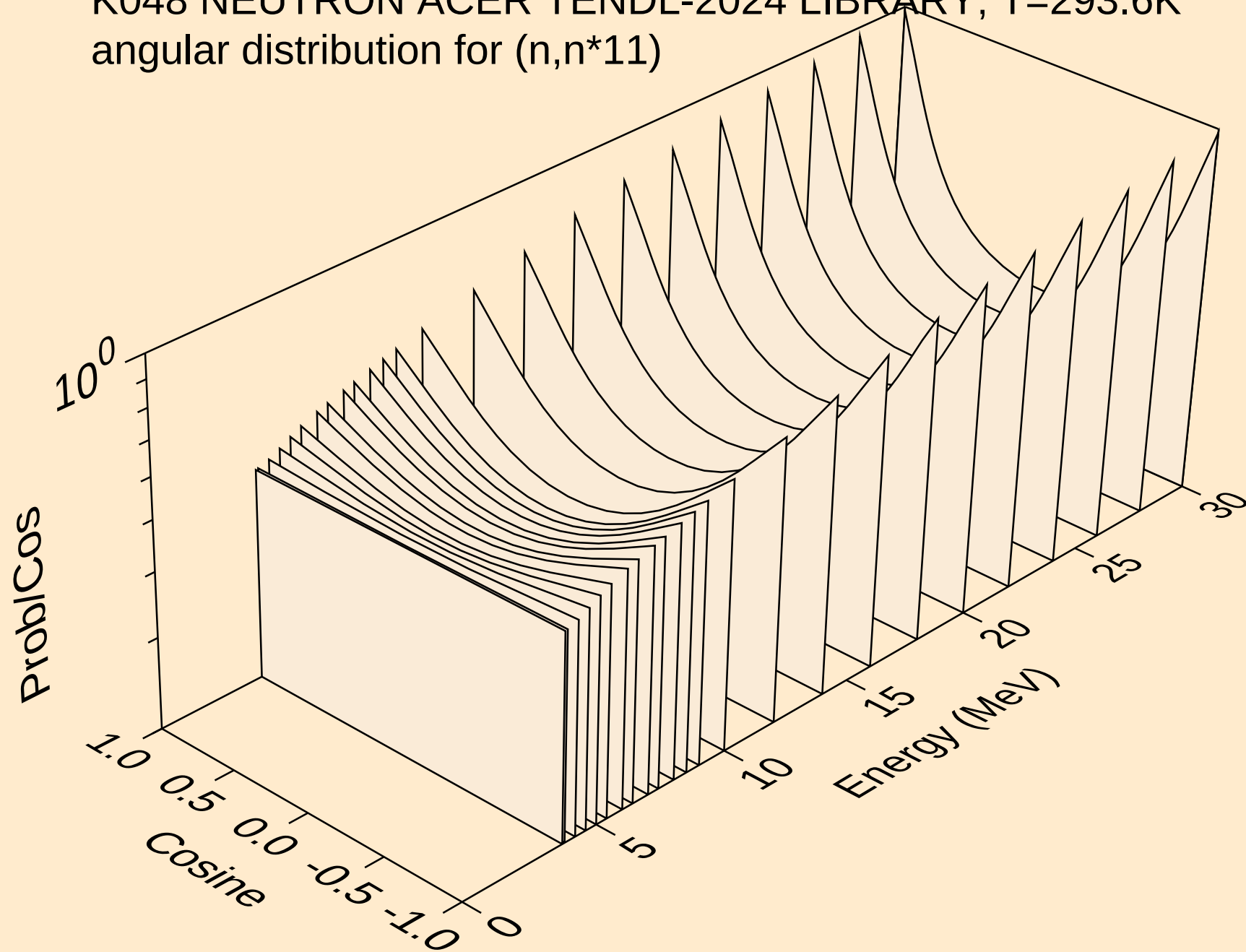
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angular distribution for (n,n\*9)



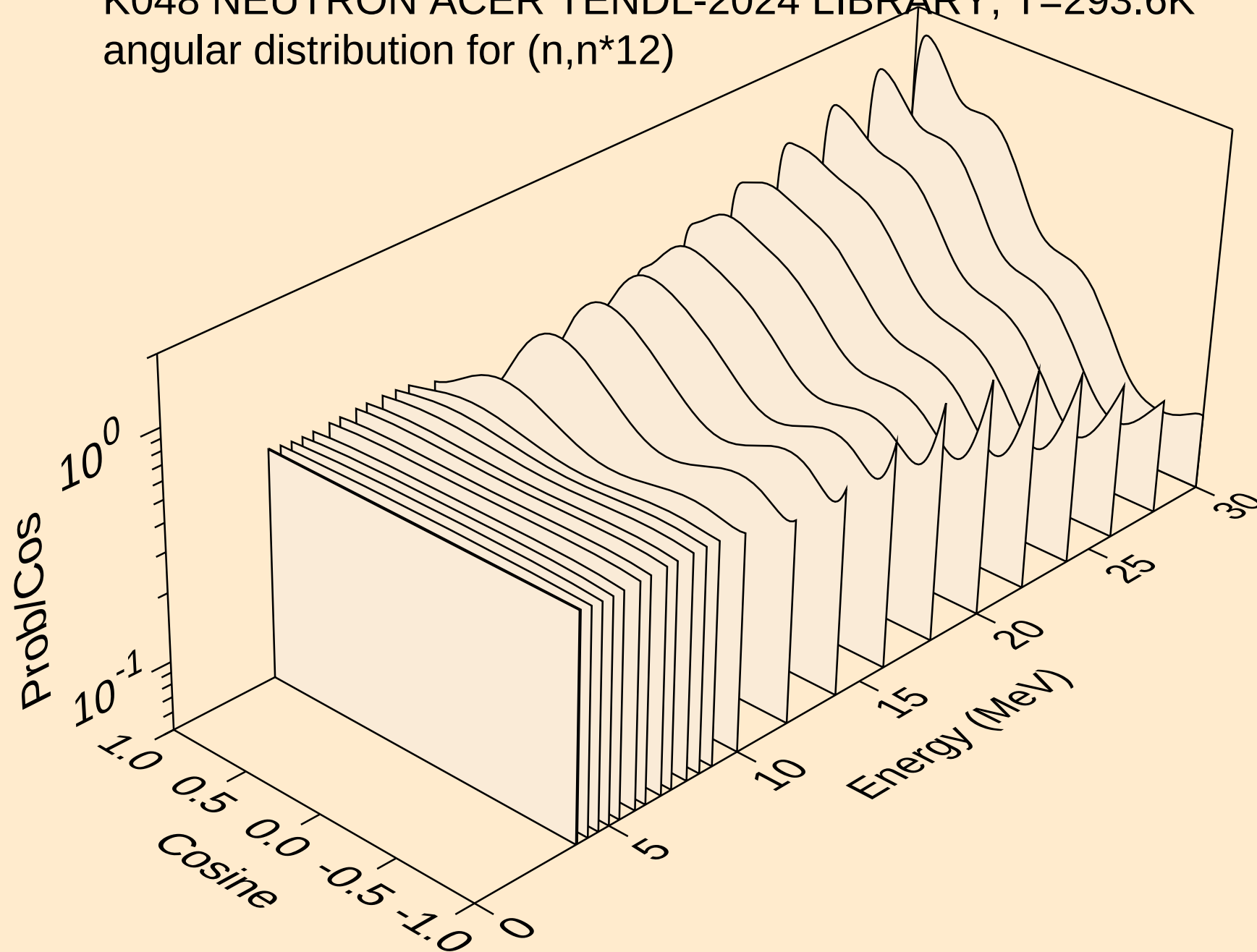
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angular distribution for (n,n\*10)



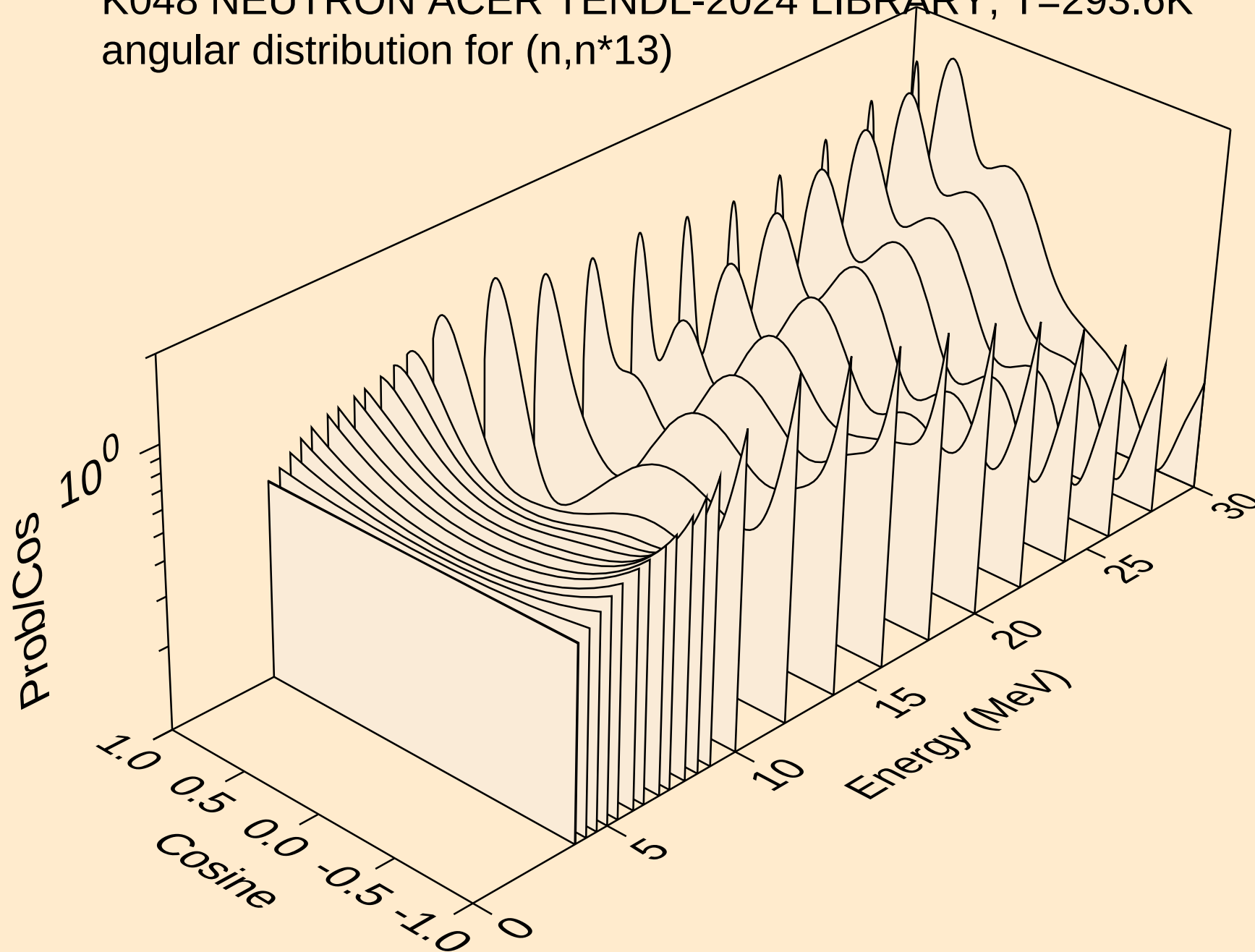
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angular distribution for (n,n\*11)



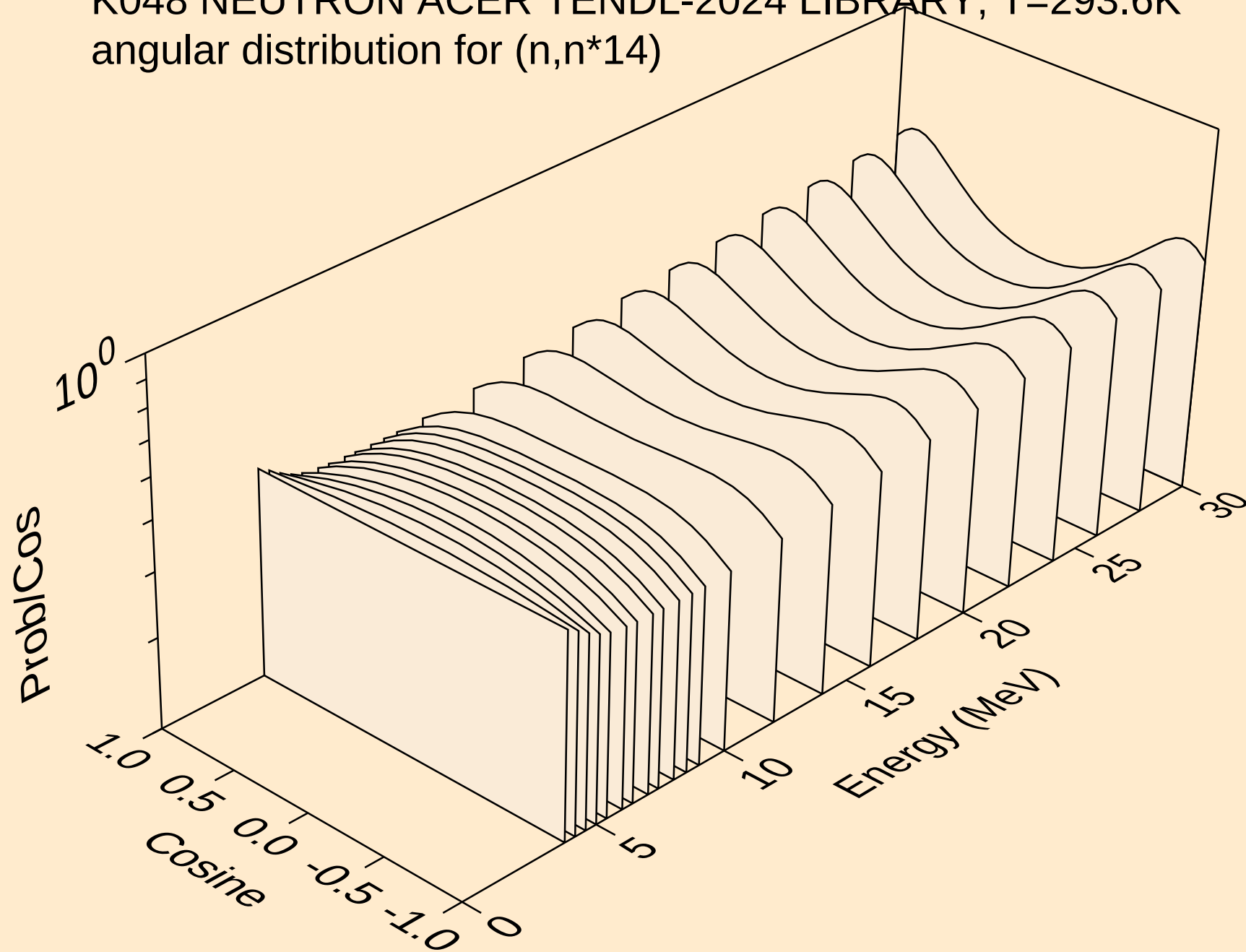
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angular distribution for (n,n\*12)



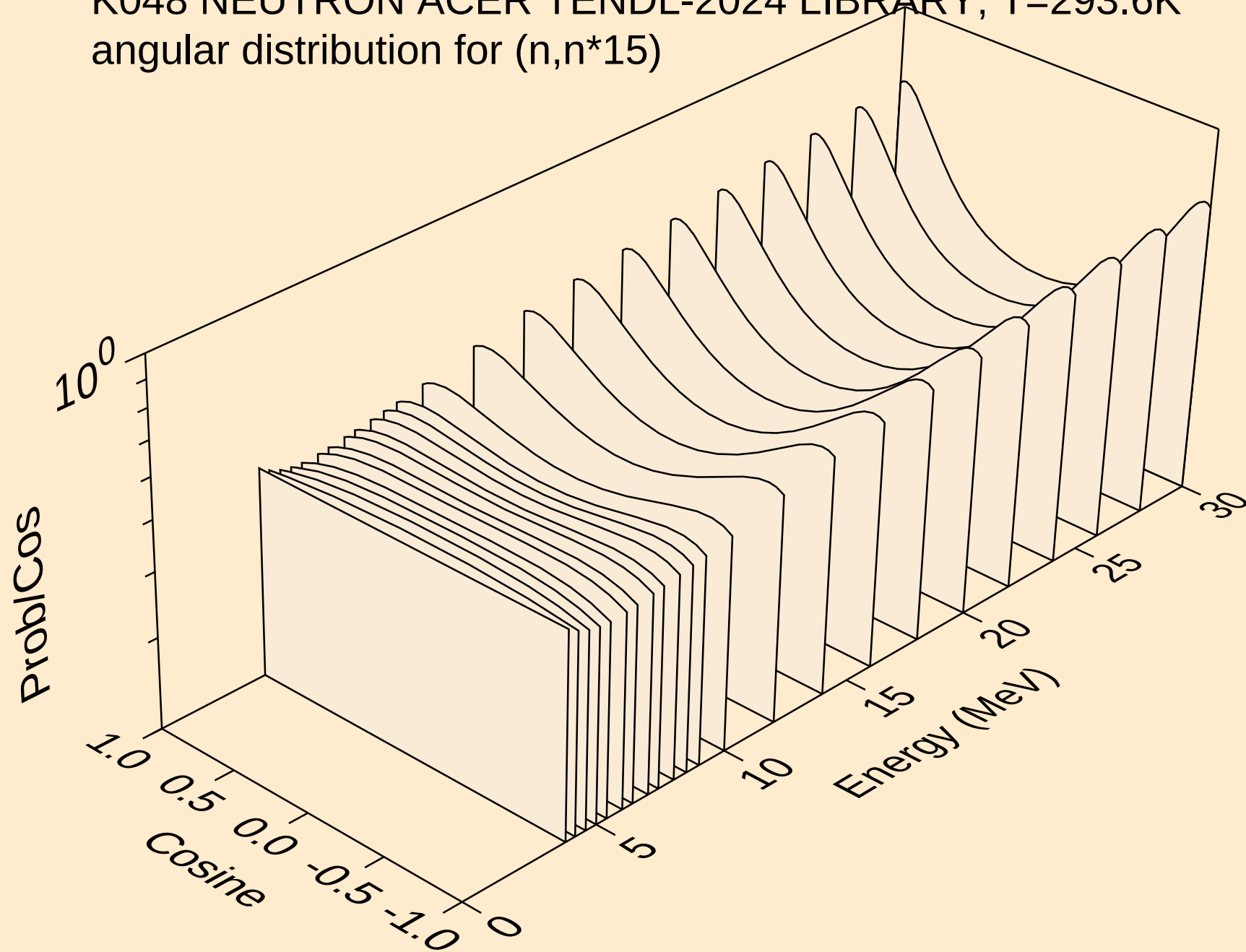
K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*13)



K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*14)

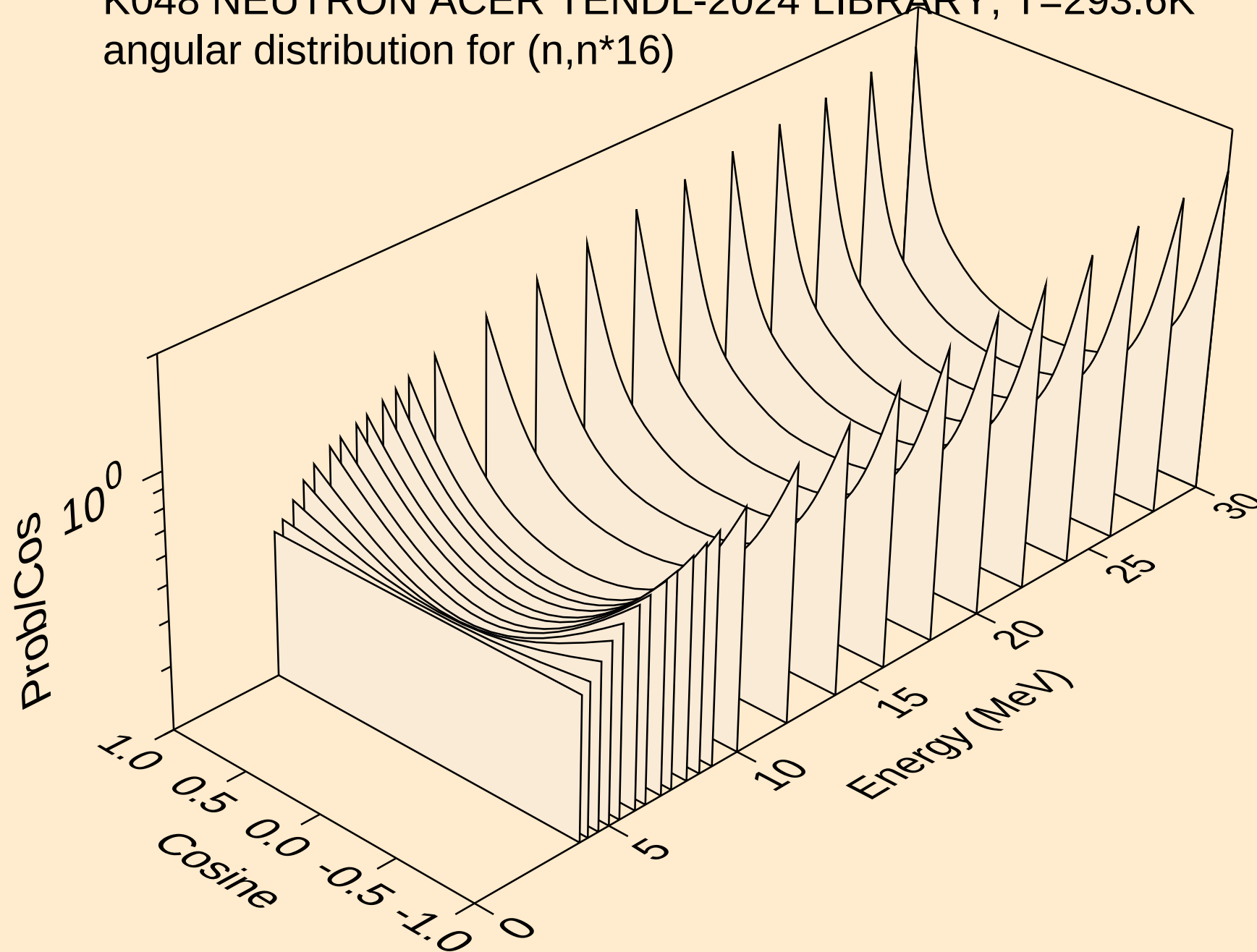


K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*15)

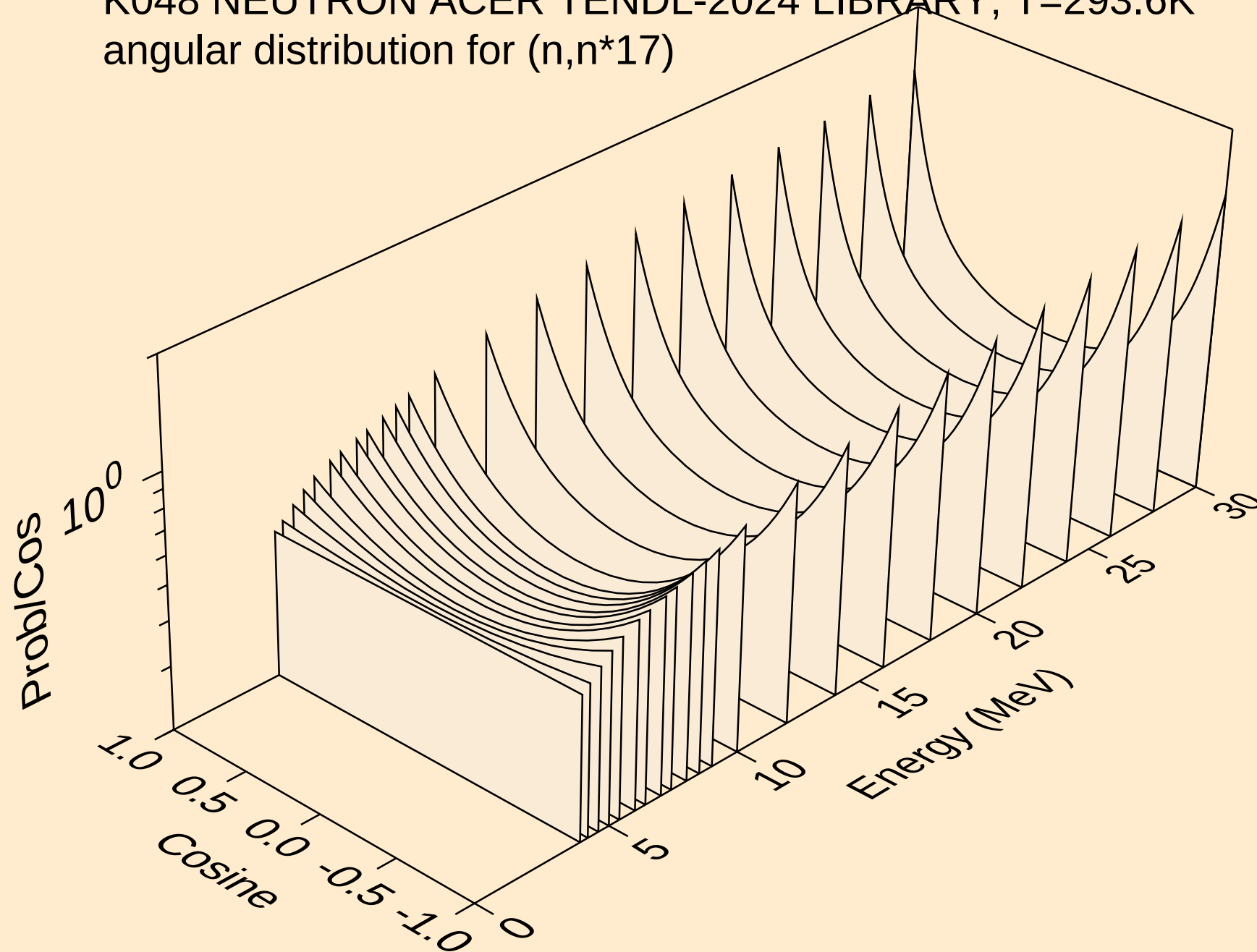




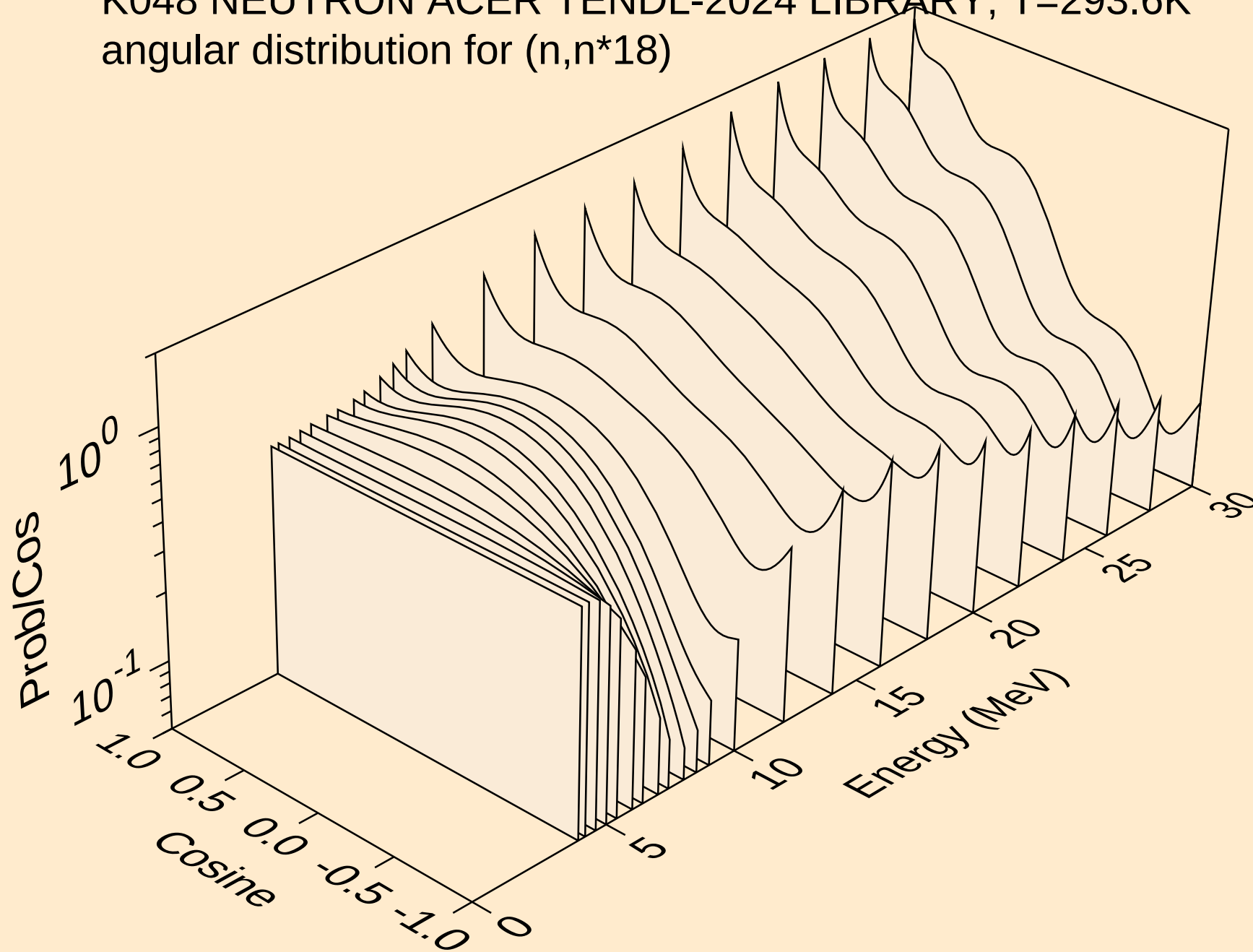
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angular distribution for (n,n\*16)



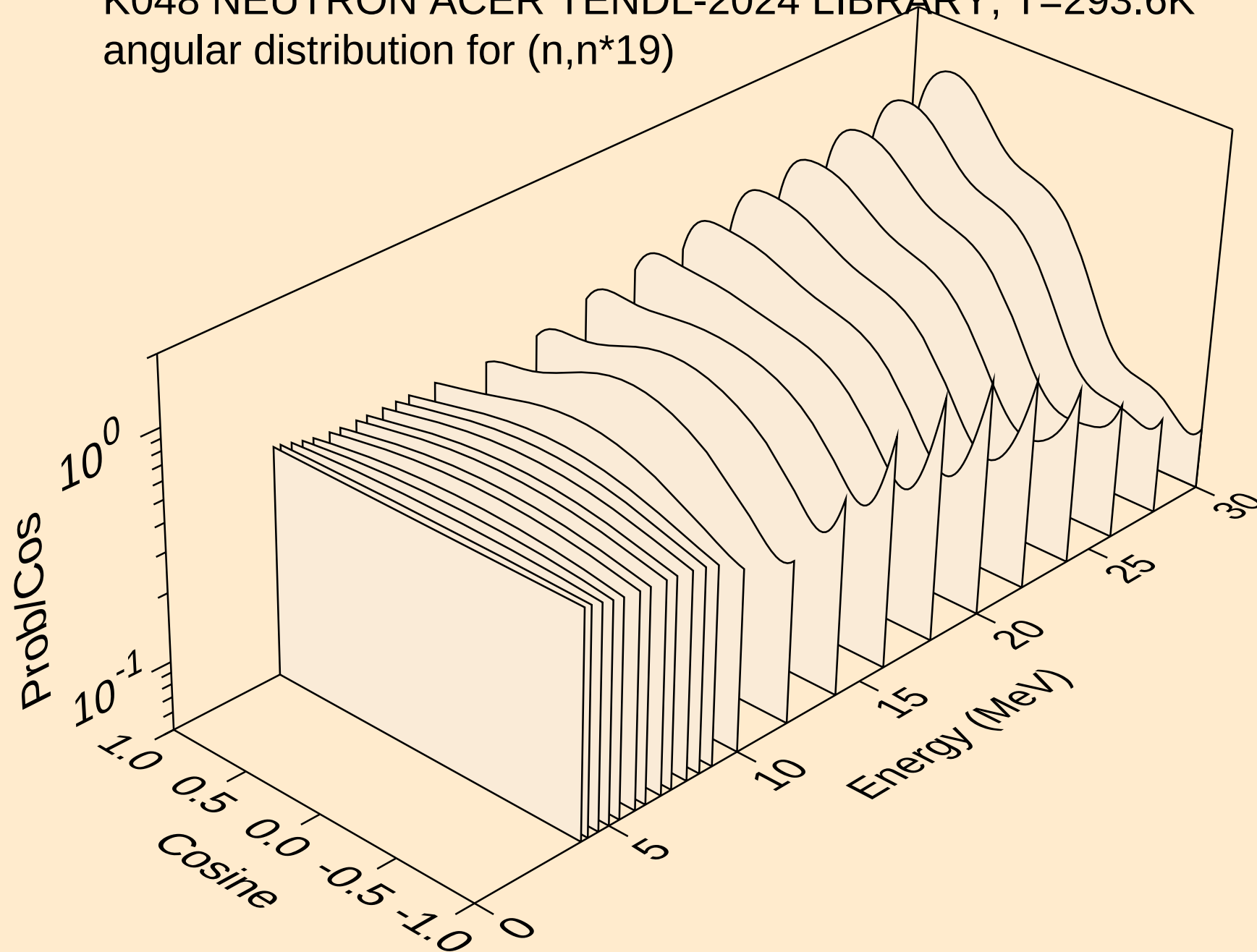
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angular distribution for (n,n\*17)



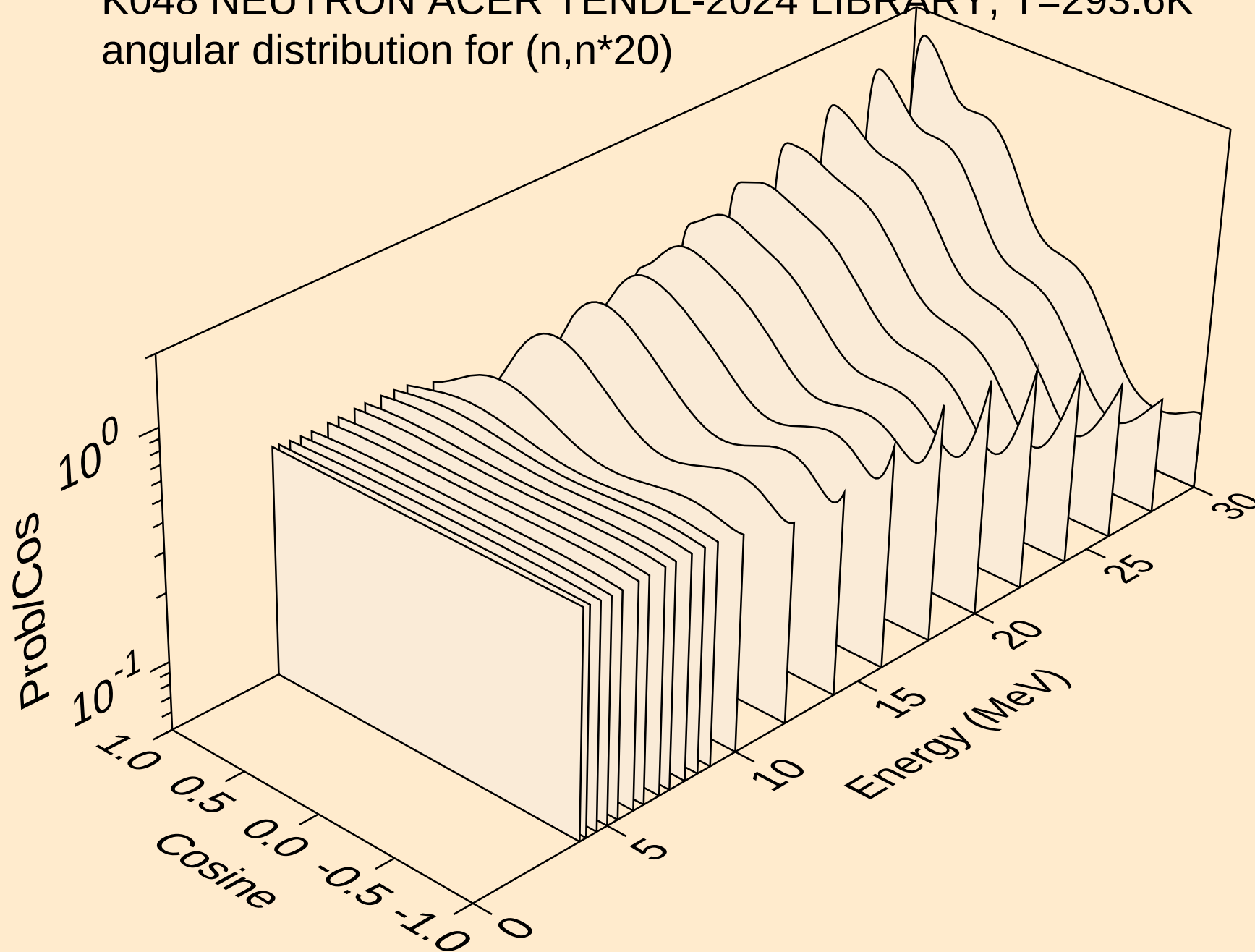
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angular distribution for (n,n\*18)



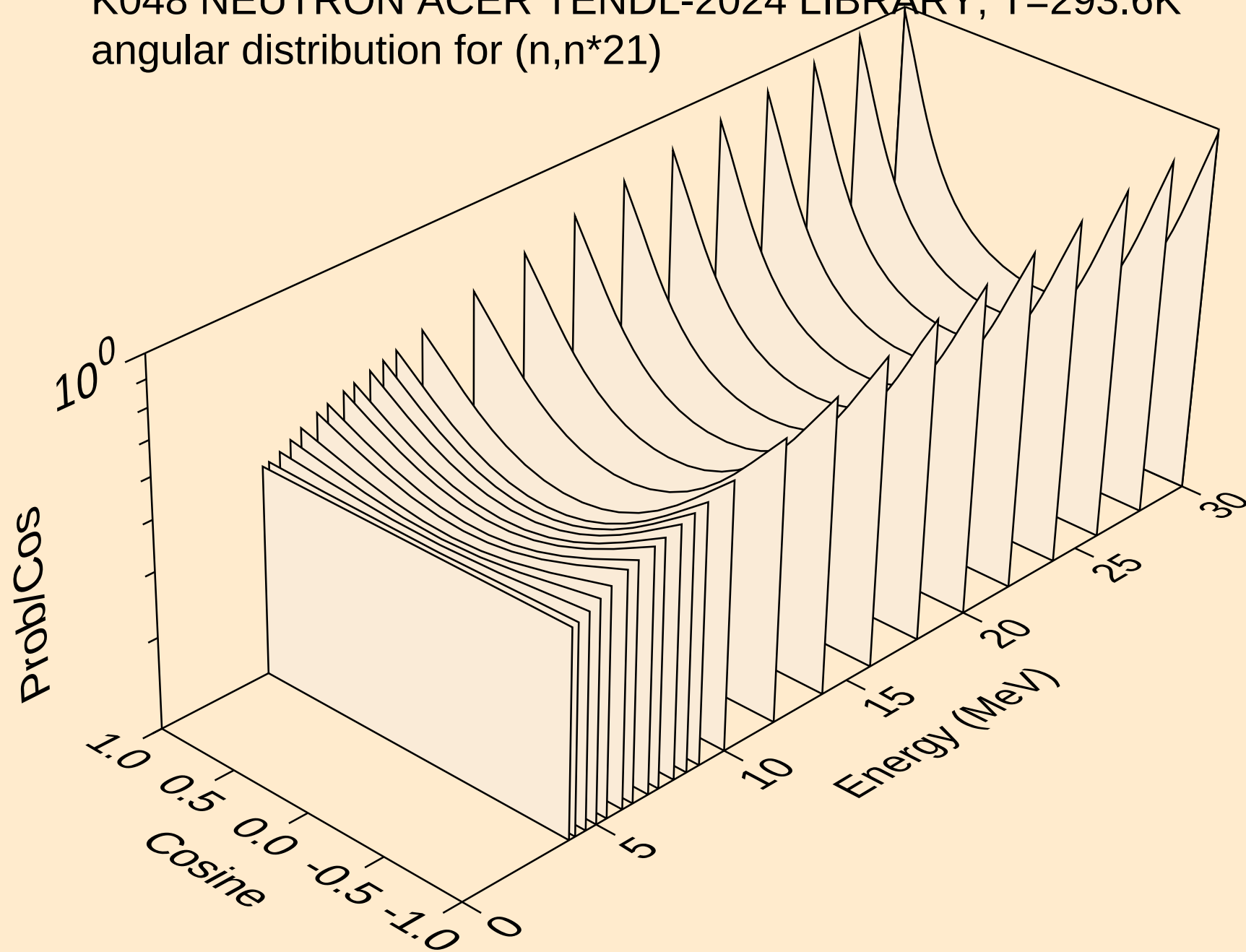
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angular distribution for (n,n\*19)



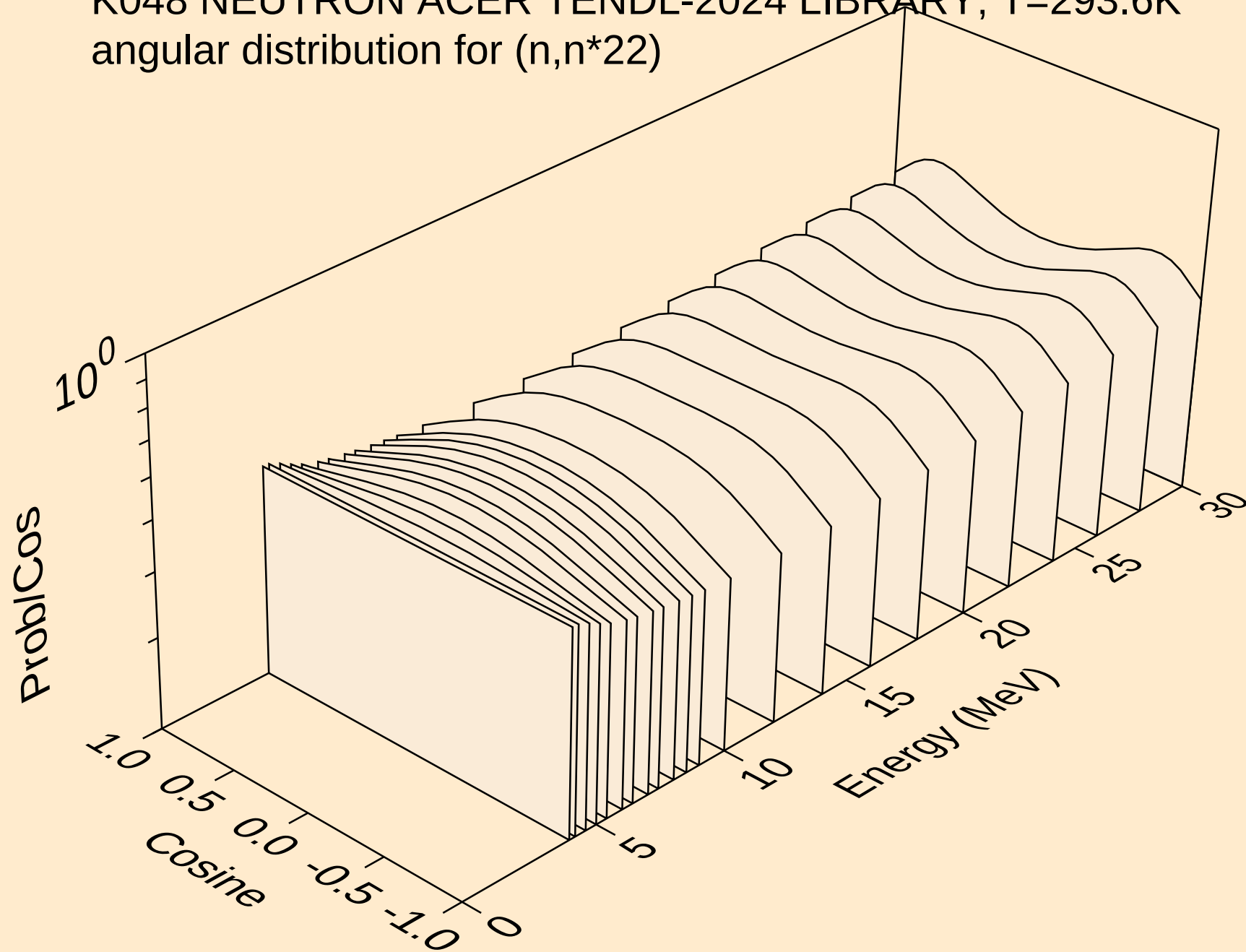
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angular distribution for (n,n\*20)



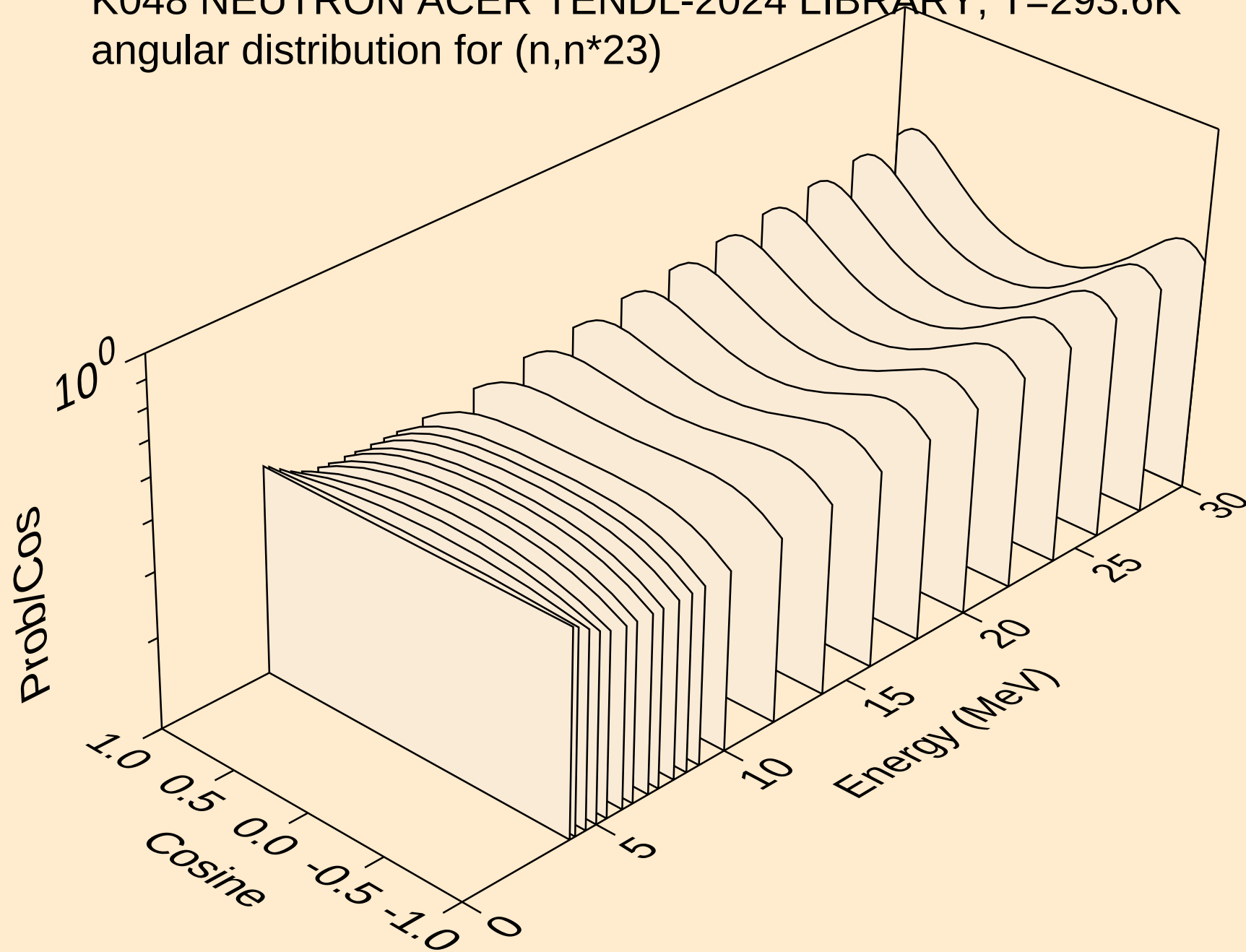
K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*21)



K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*22)

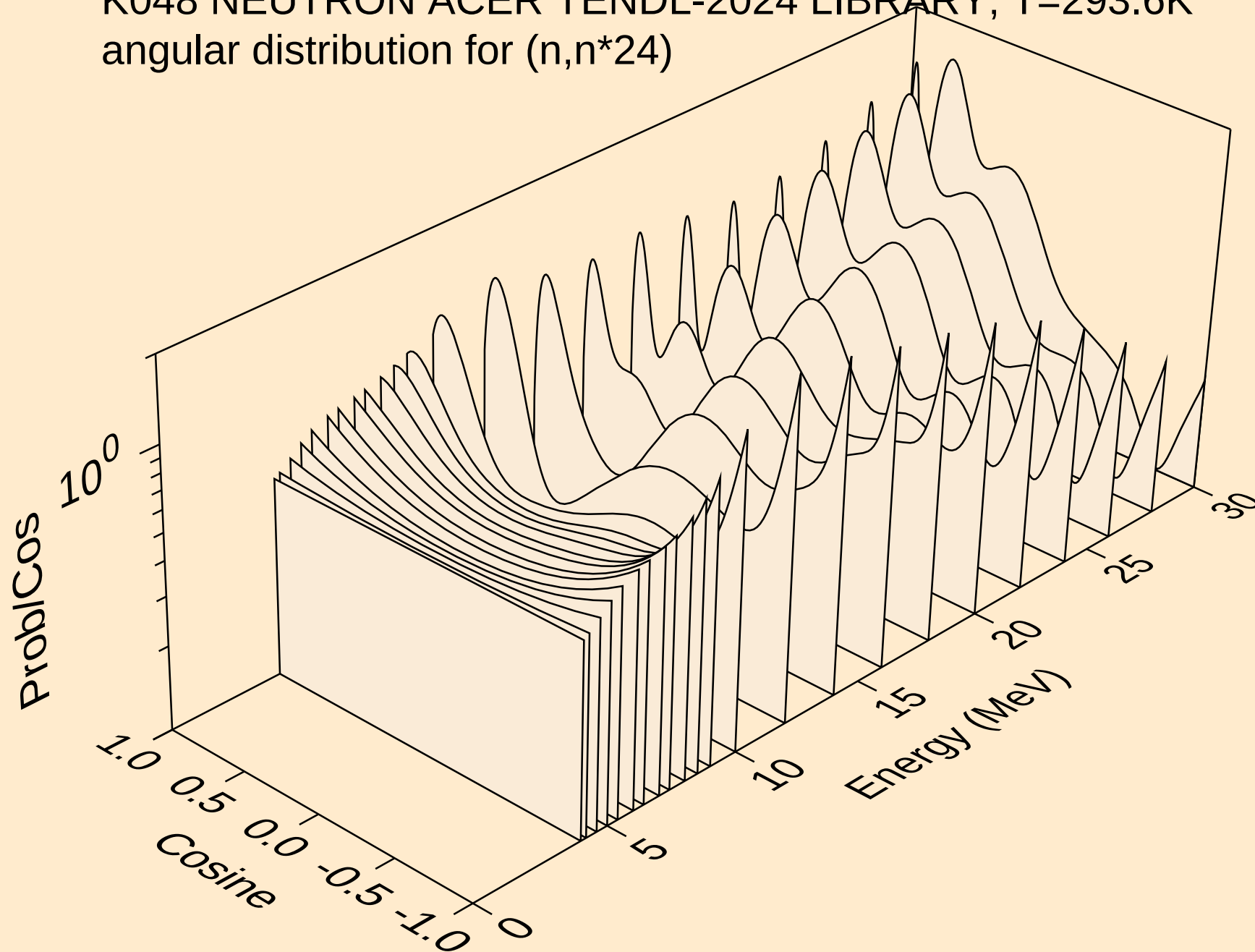


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angular distribution for (n,n\*23)

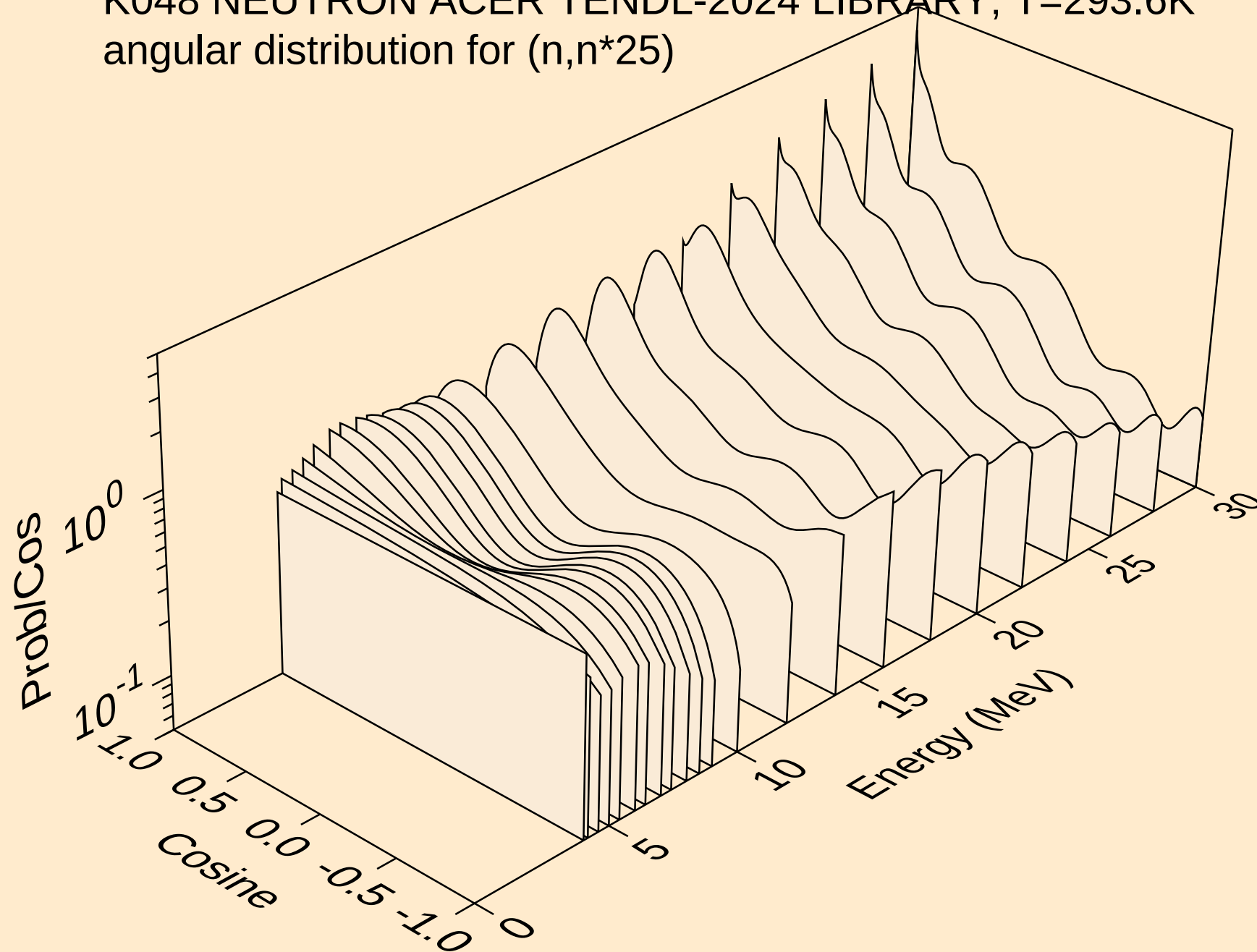




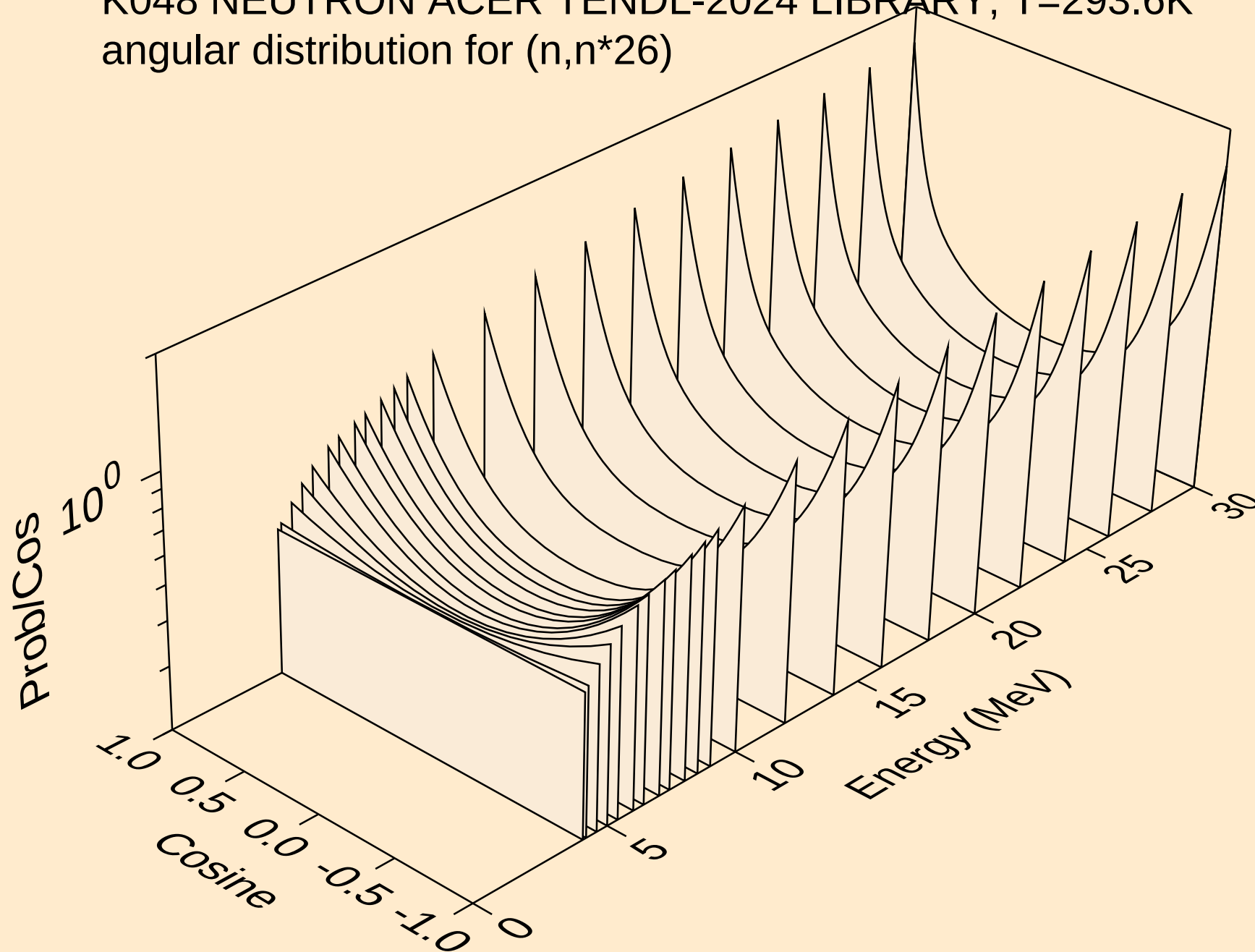
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angular distribution for (n,n\*24)



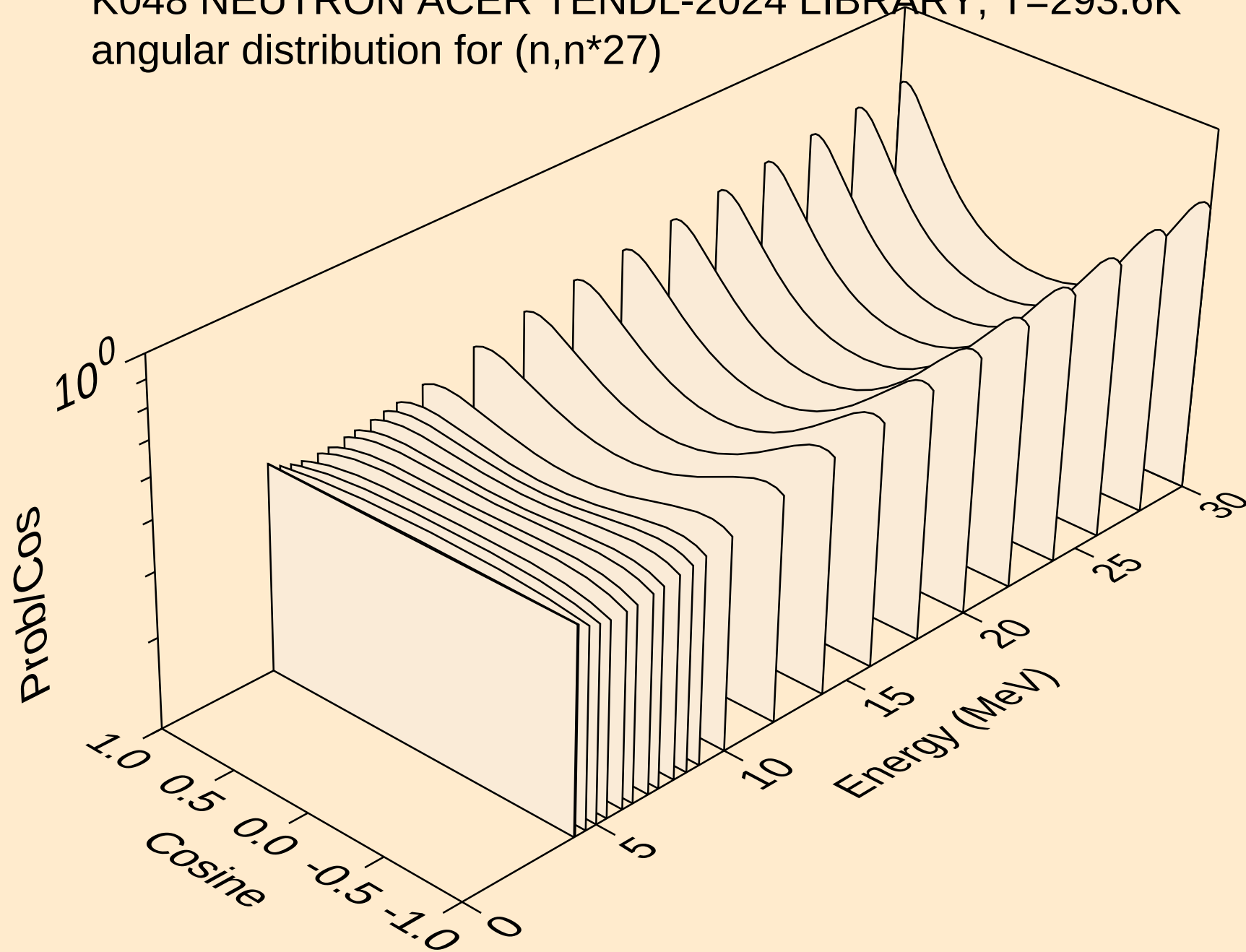
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angular distribution for (n,n\*25)



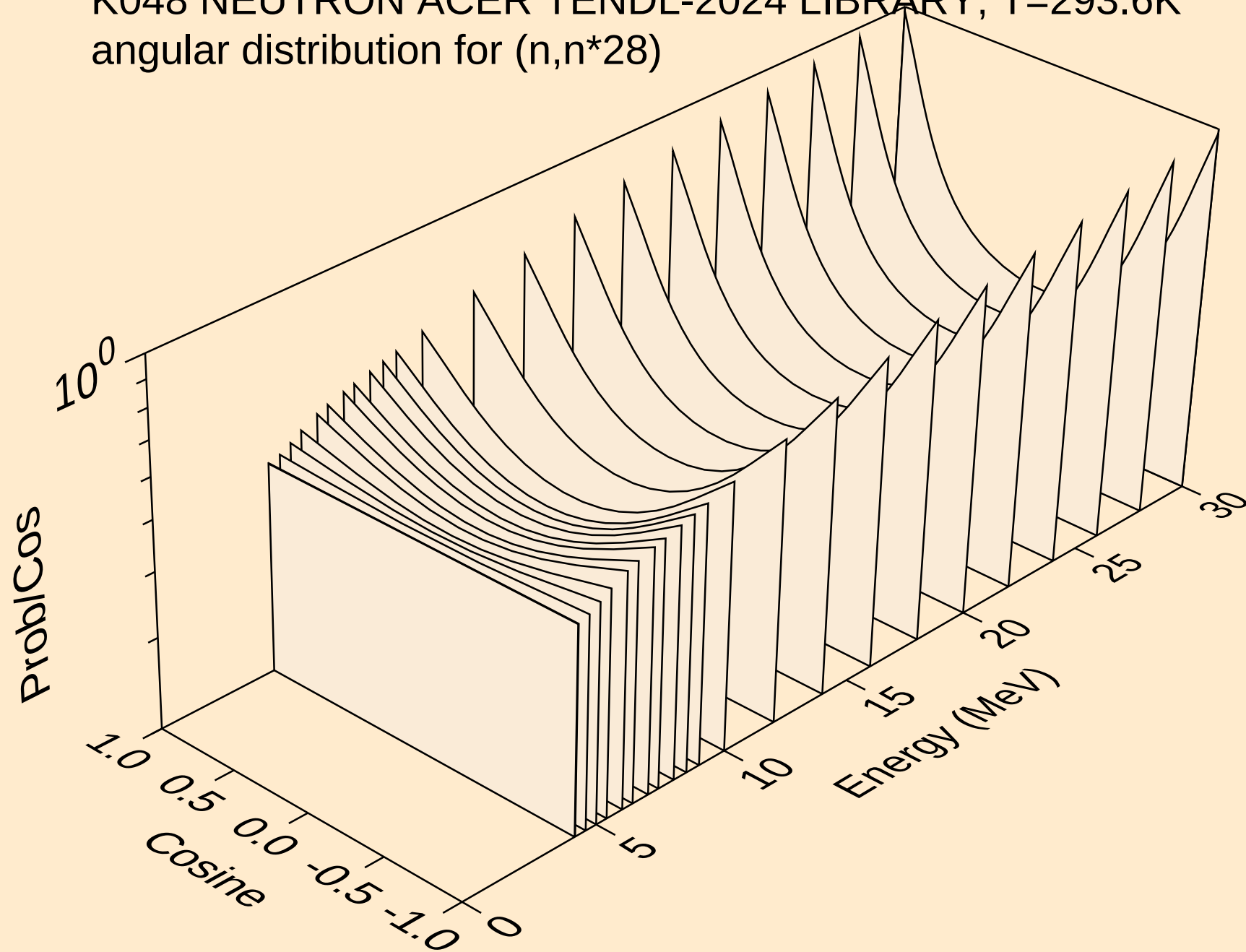
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angular distribution for (n,n\*26)



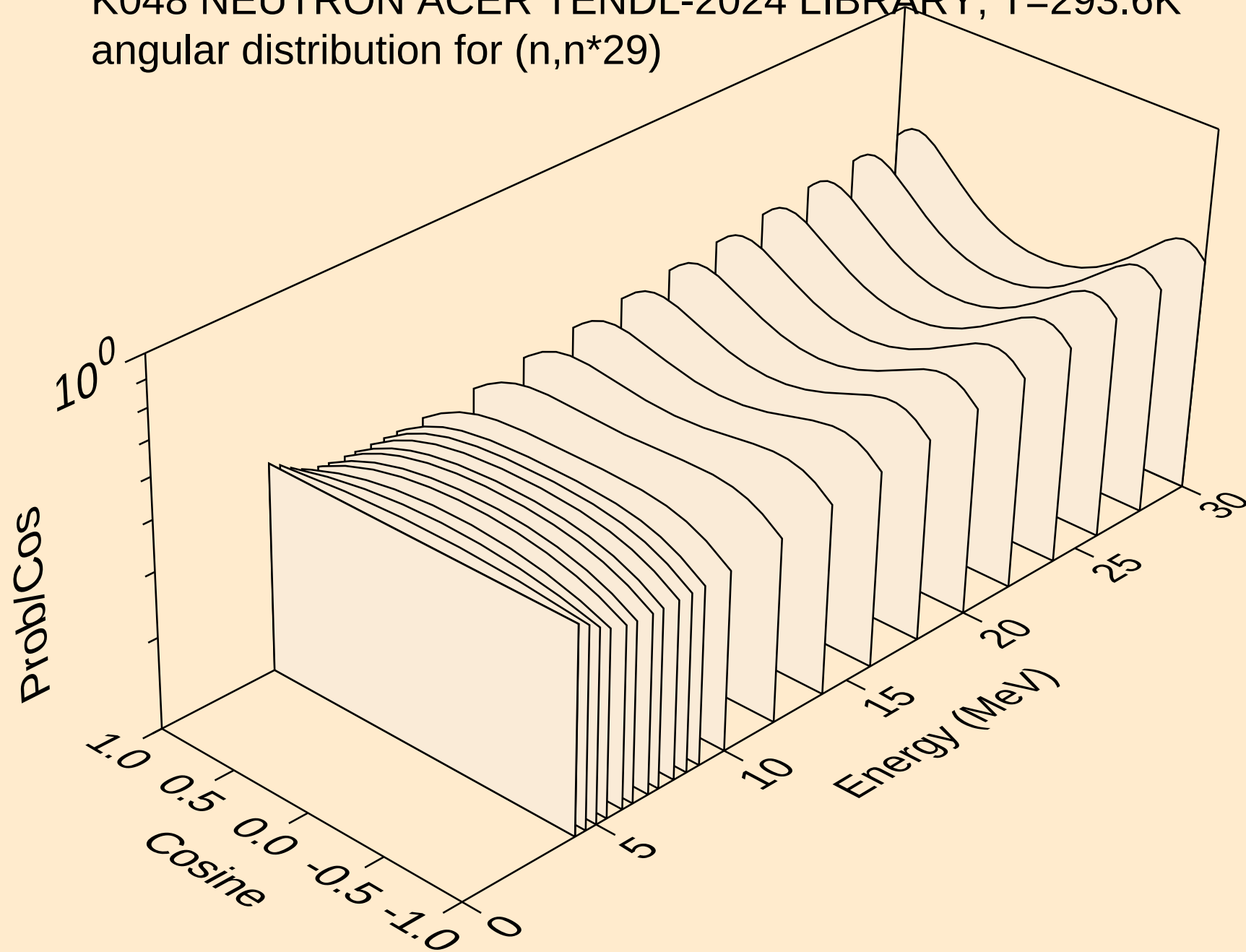
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angular distribution for (n,n\*27)



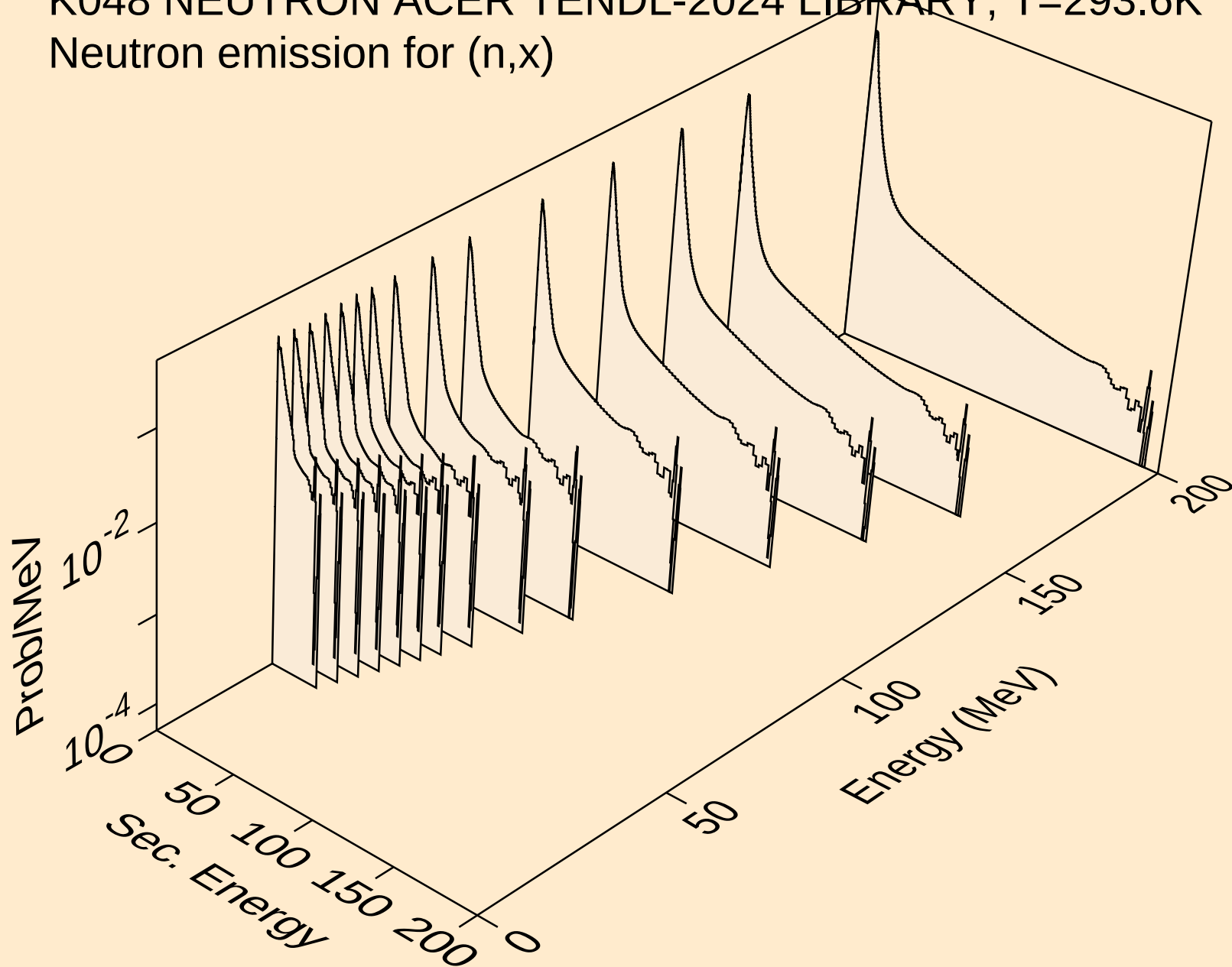
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angular distribution for (n,n\*28)



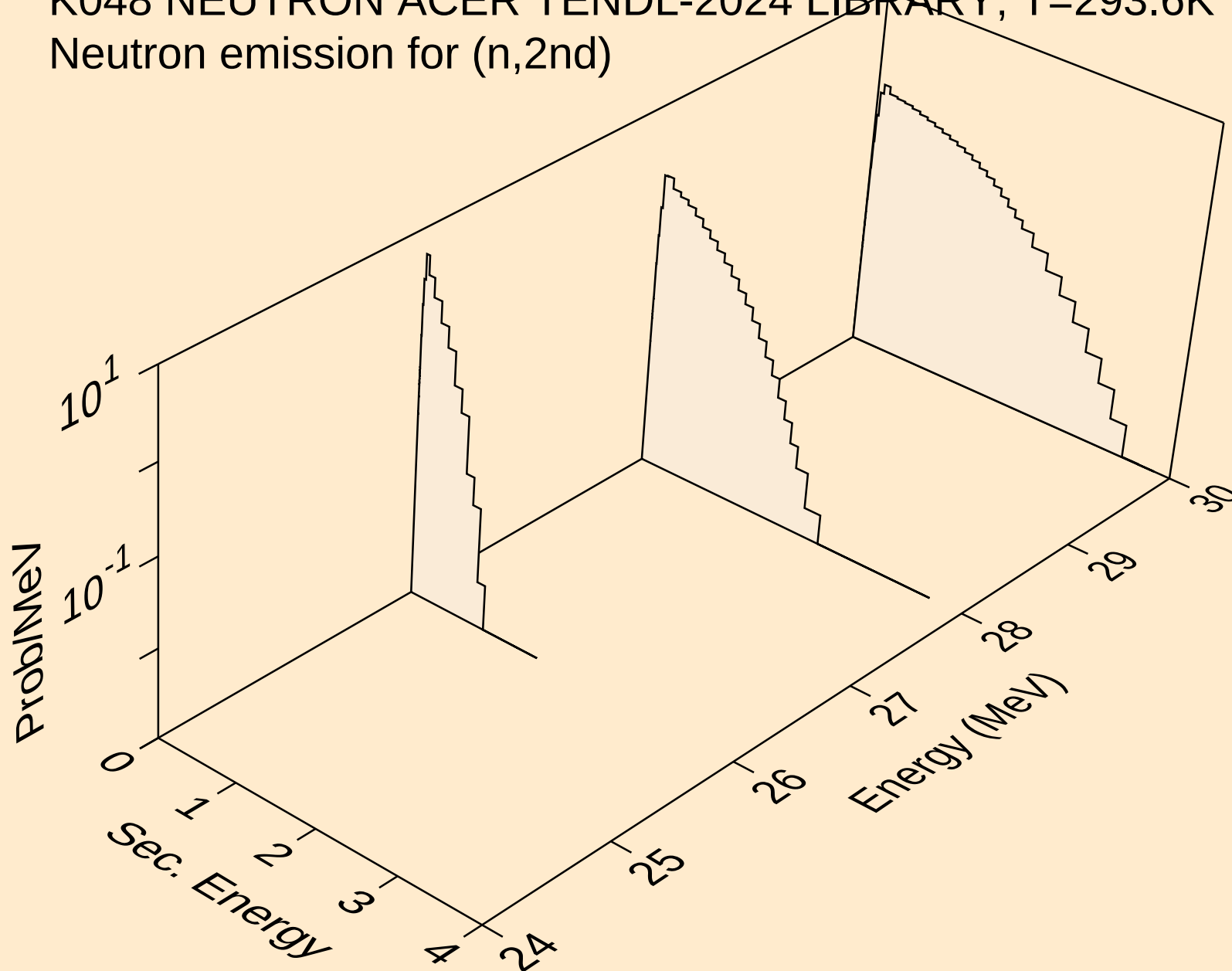
K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*29)



K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,x)

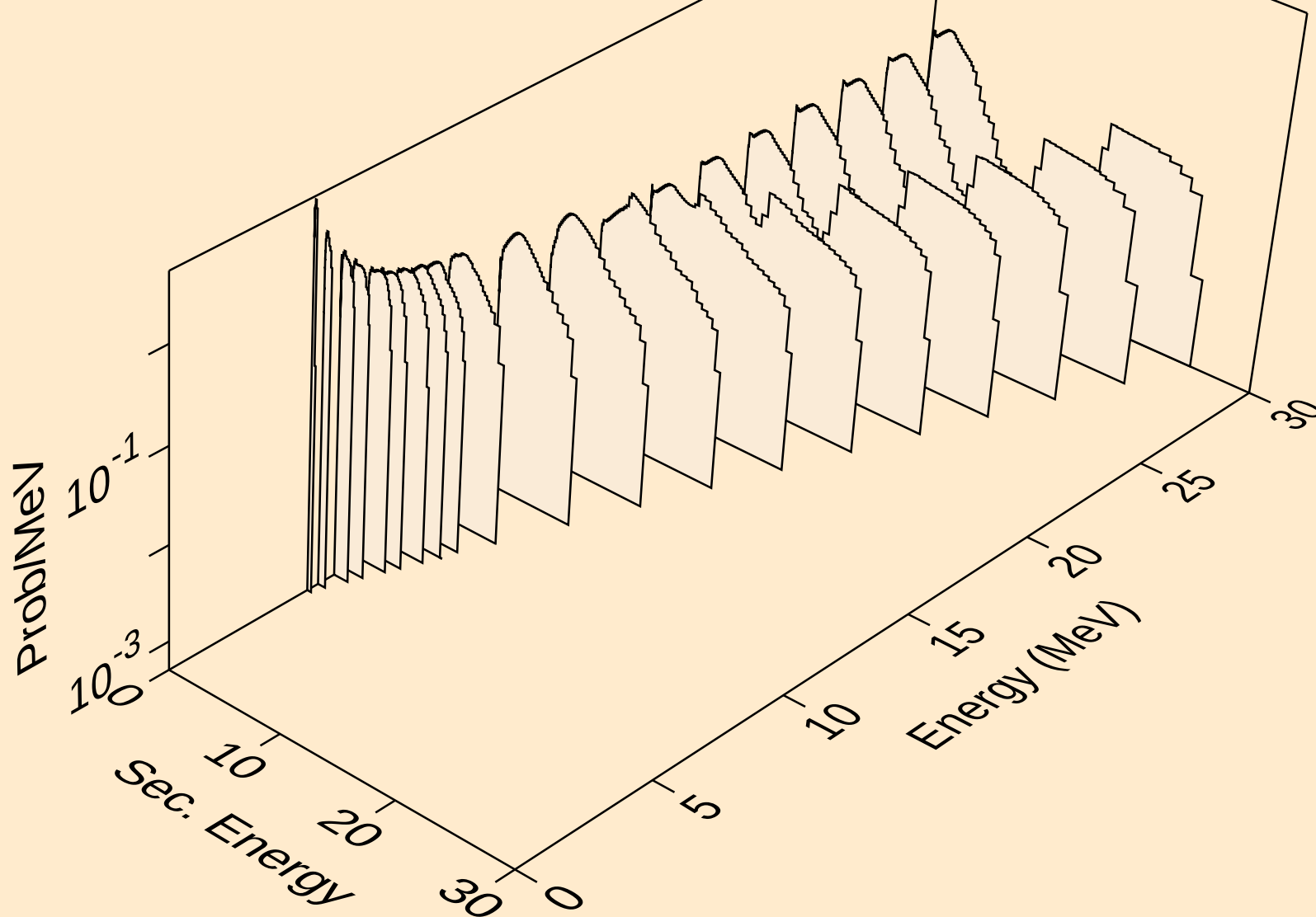


K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)

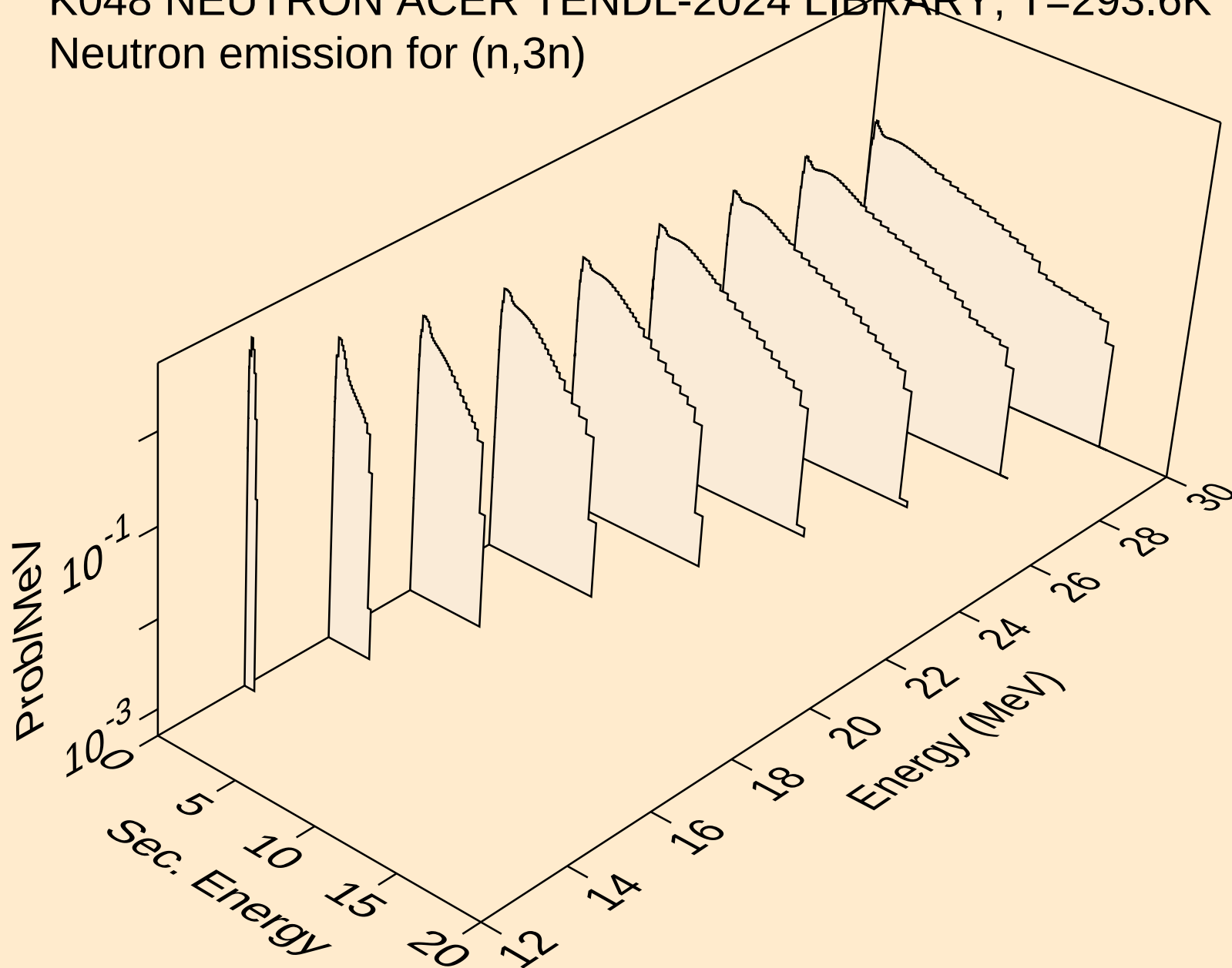




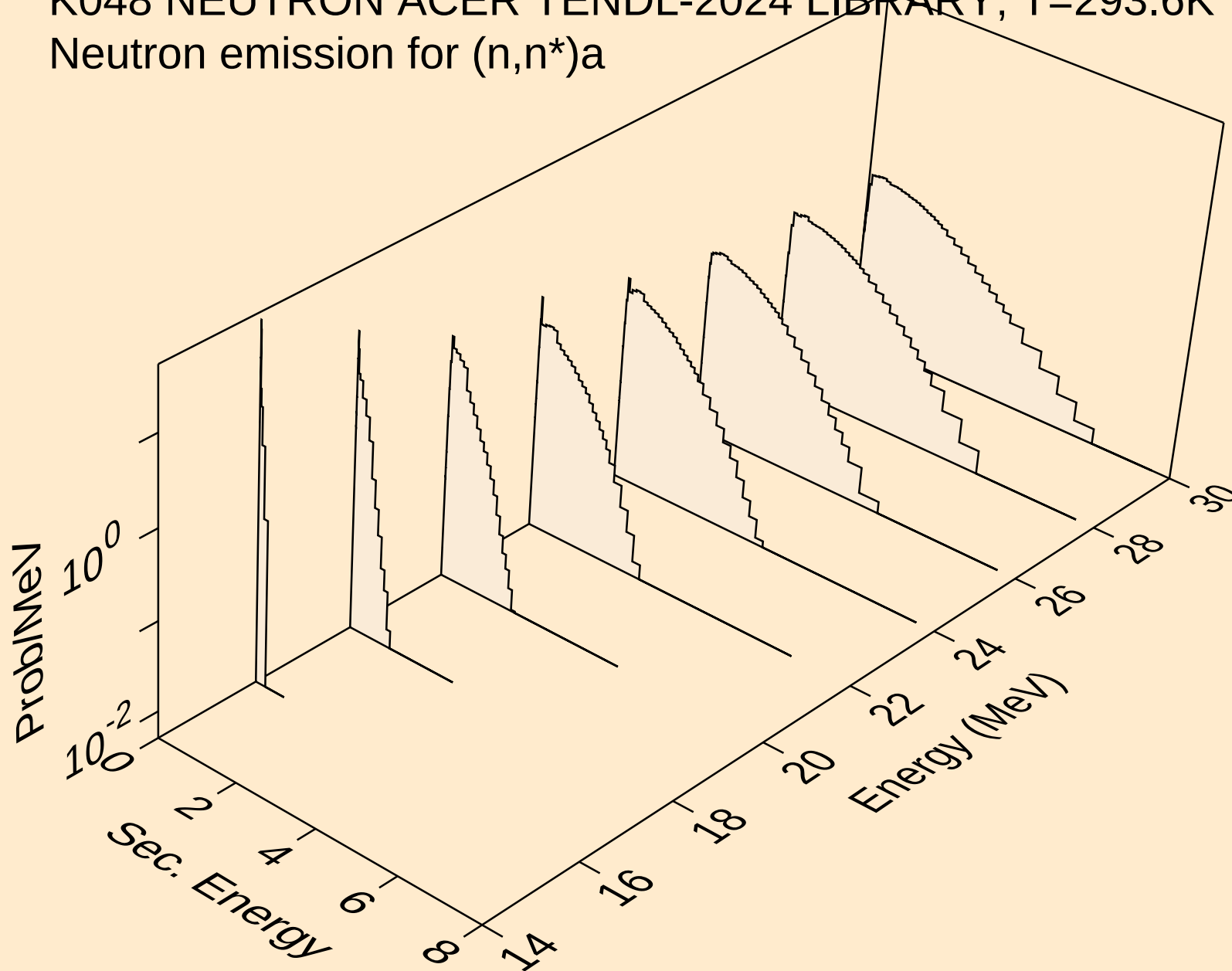
K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



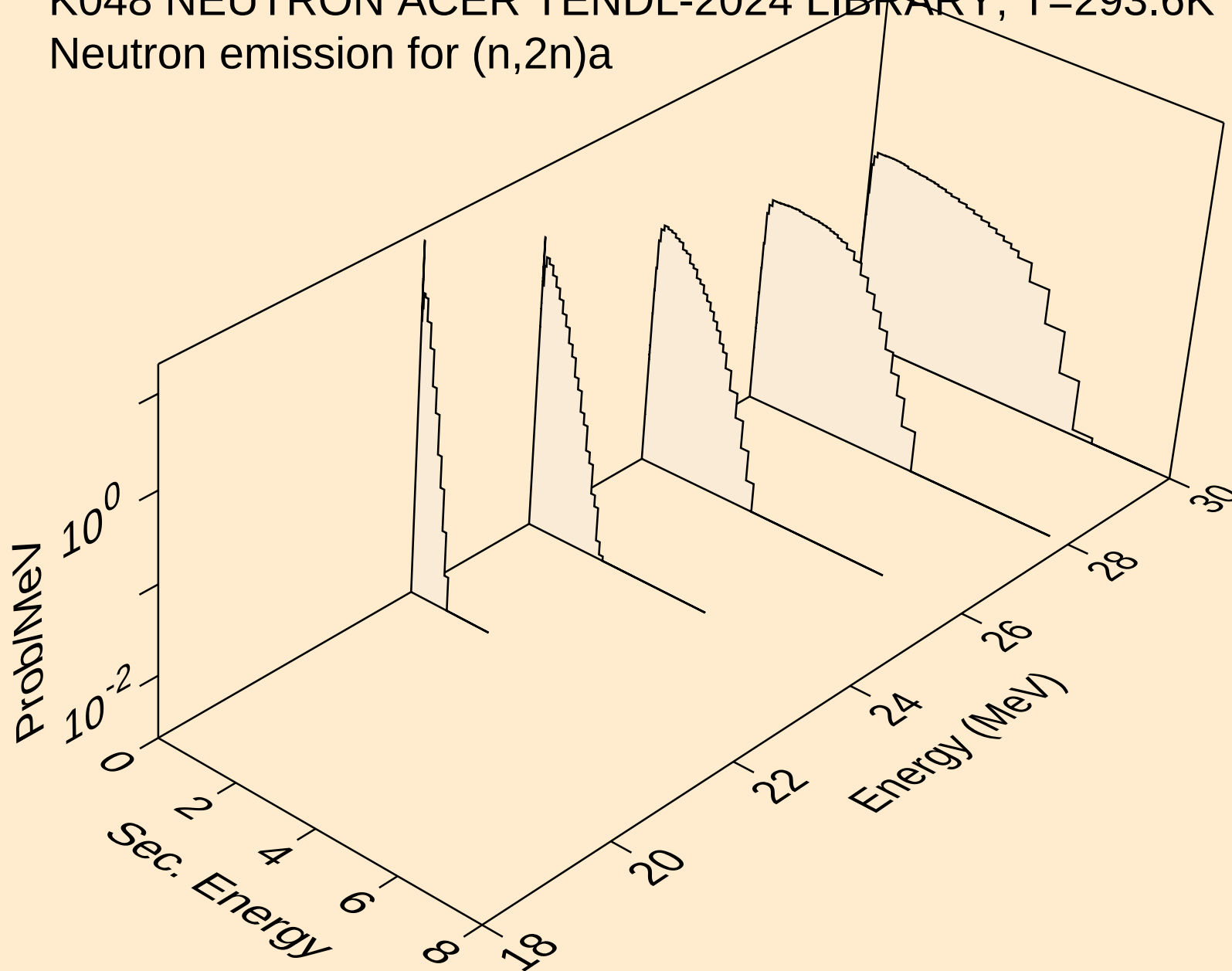
K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



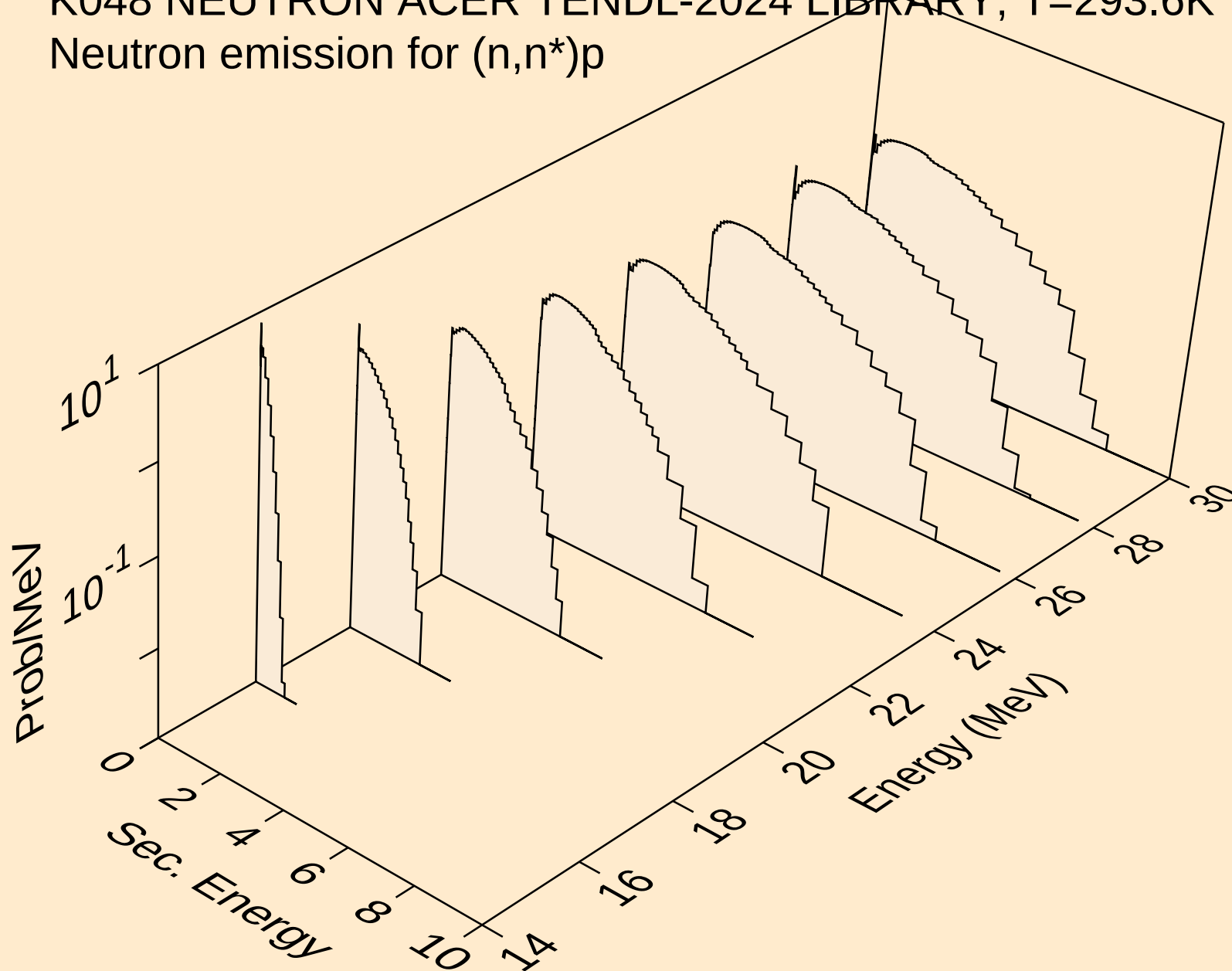
K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



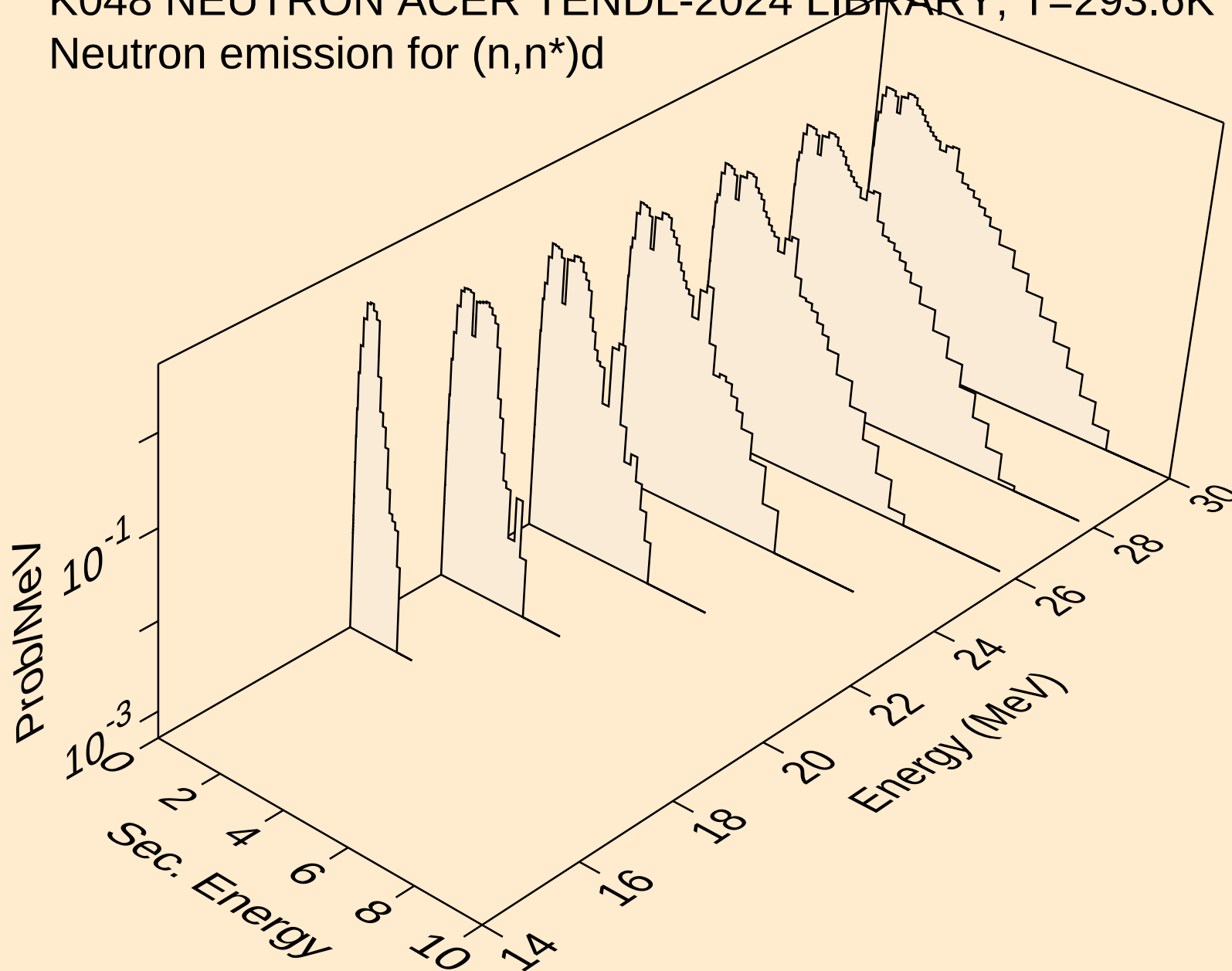
K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2n)<sub>a</sub>



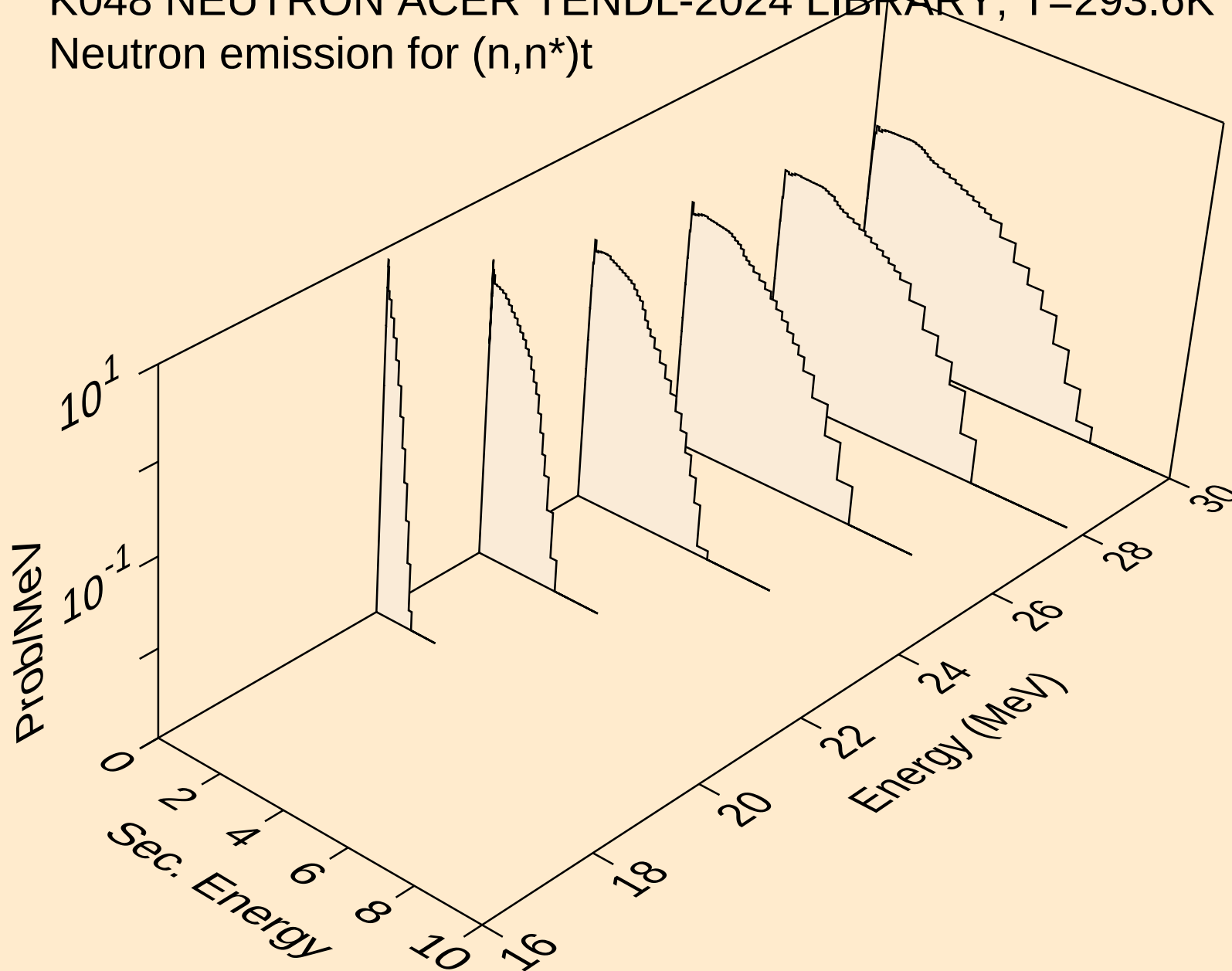
K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



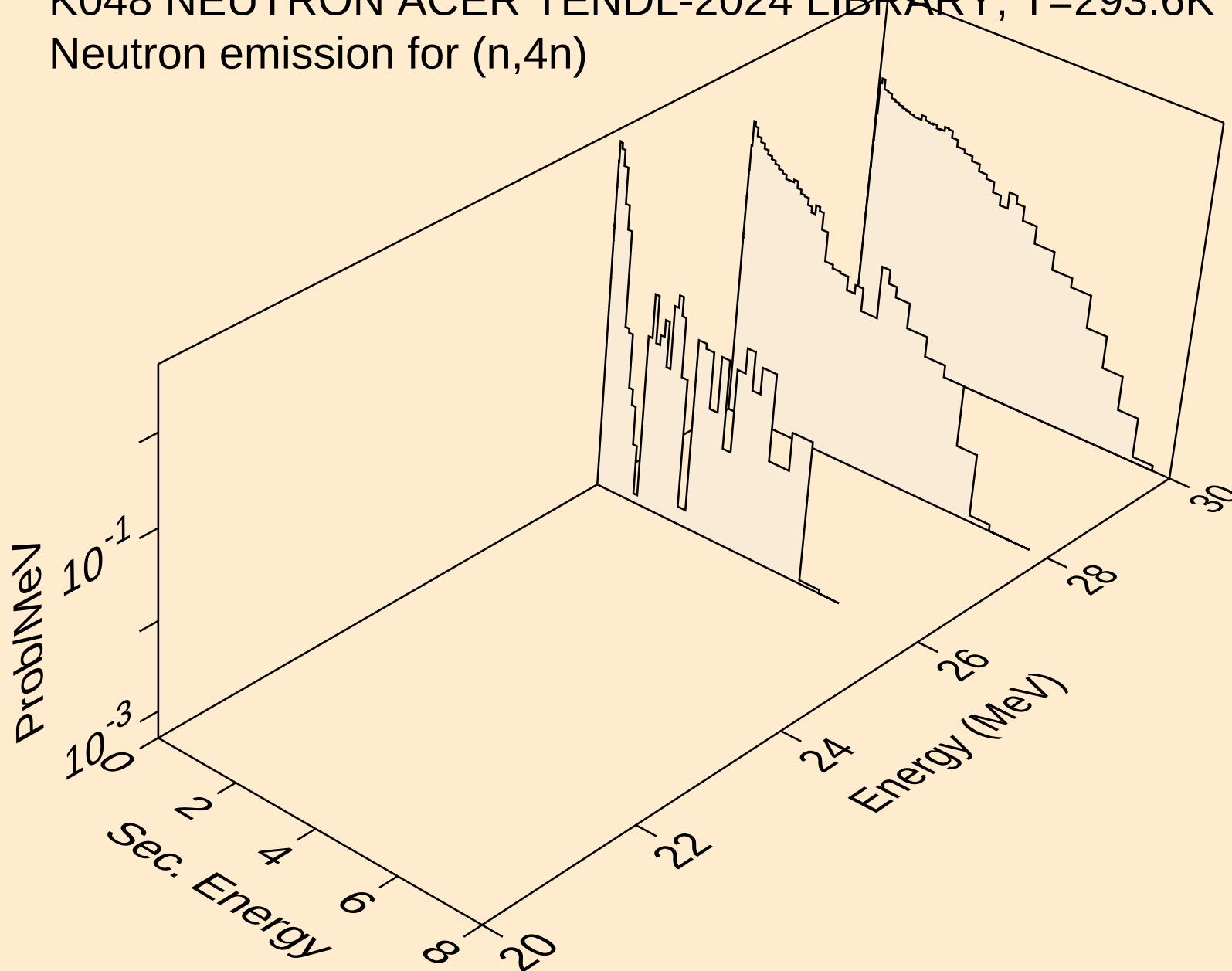
K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t

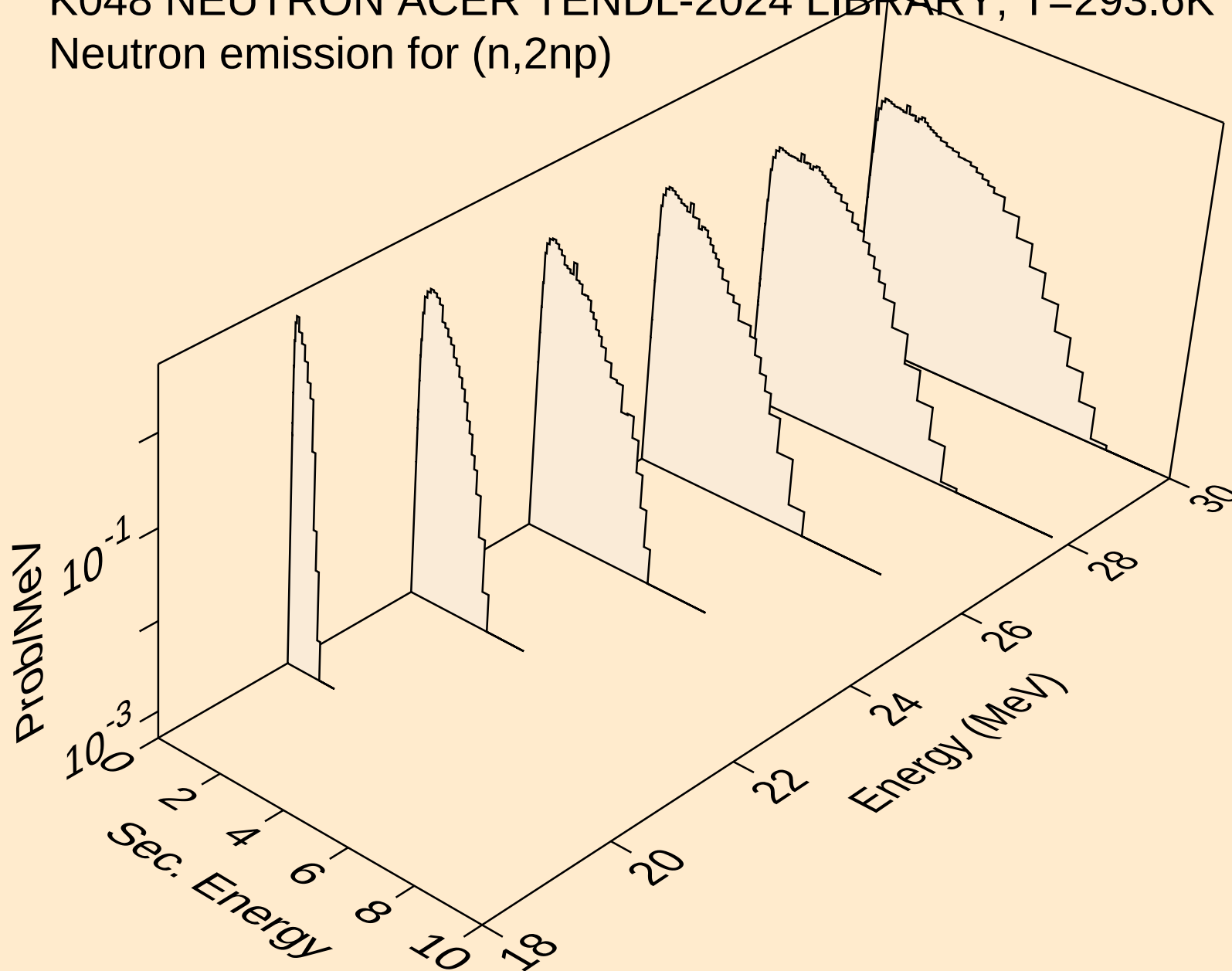


K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,4n)

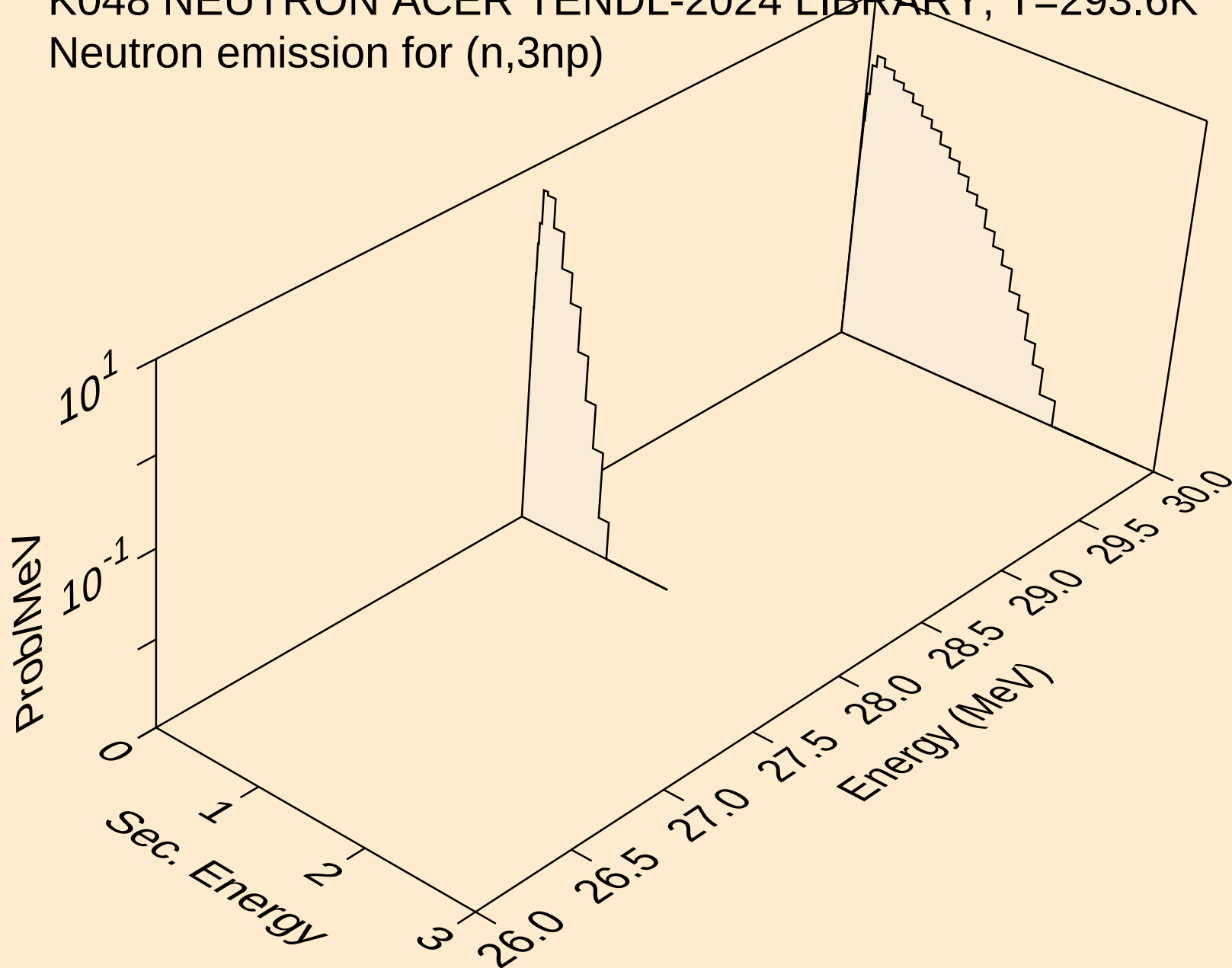




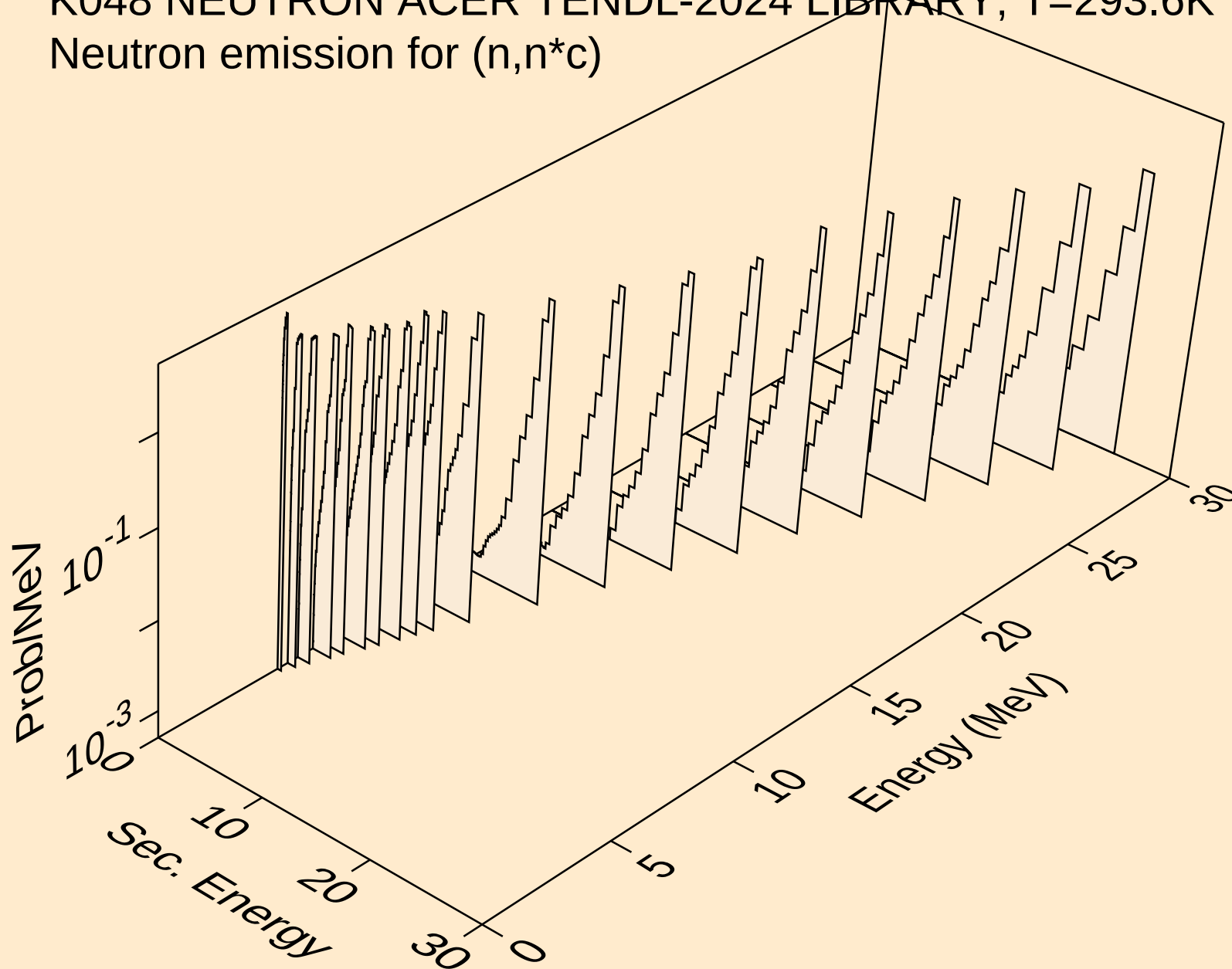
K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



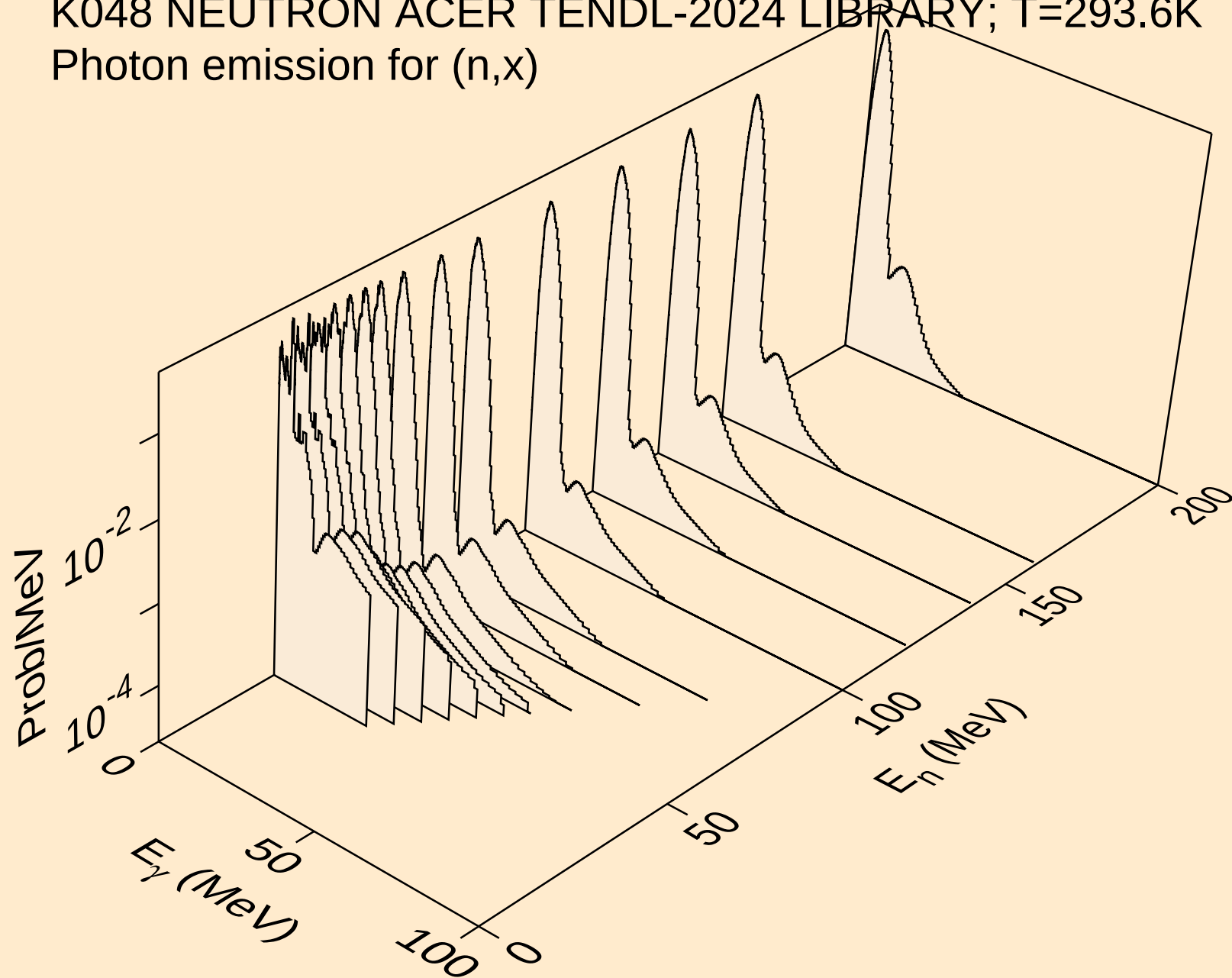
K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,3np)



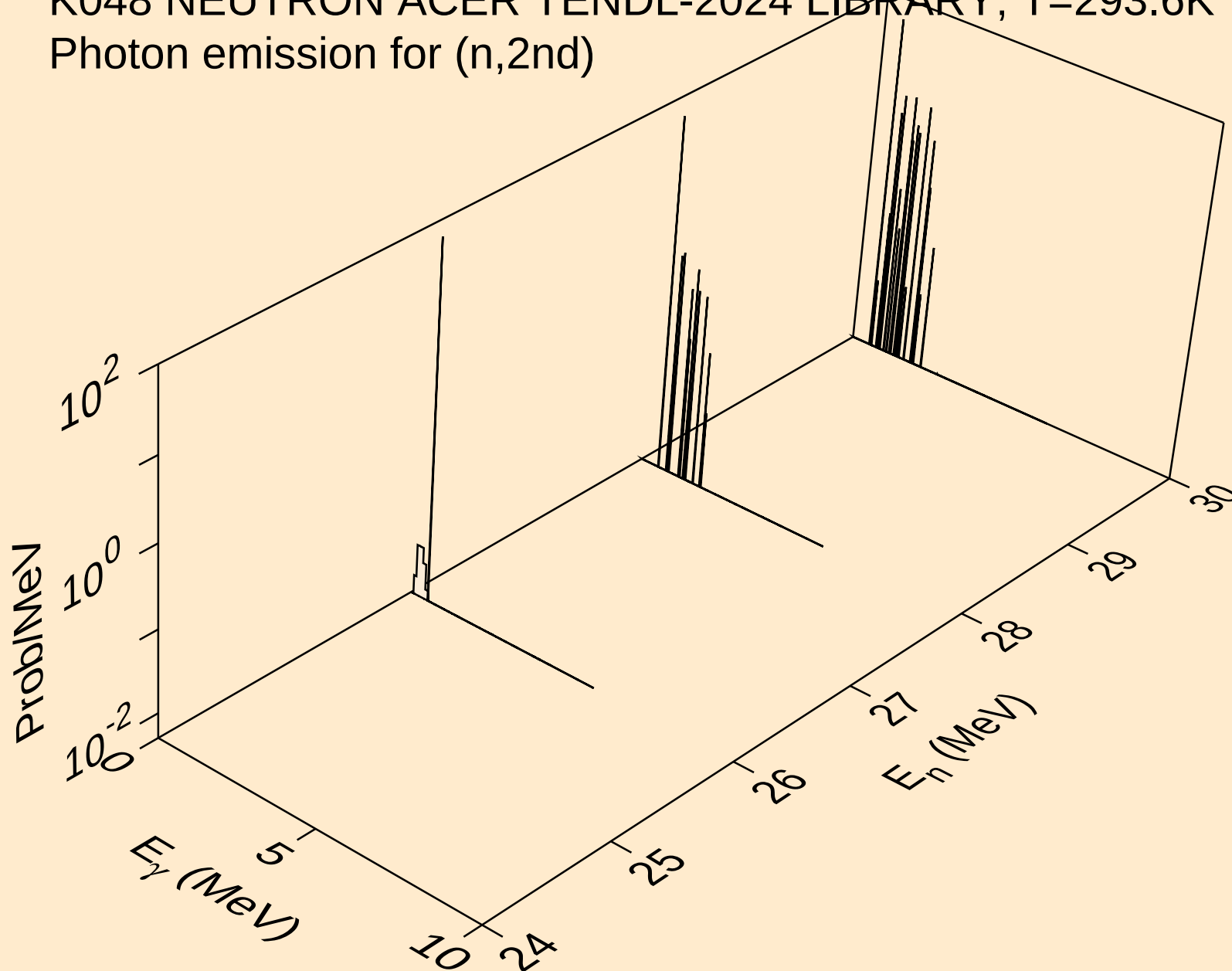
K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



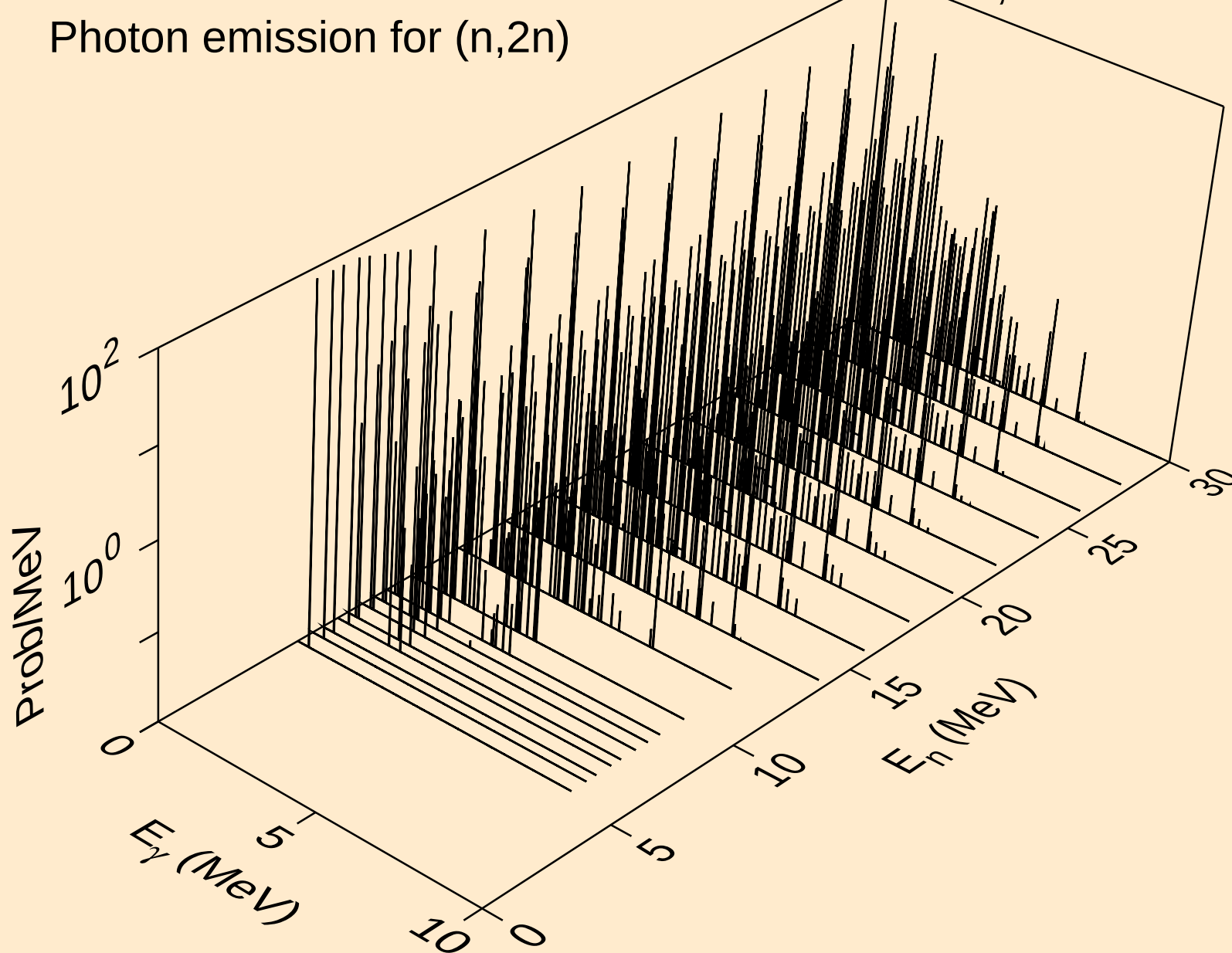
K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,x)



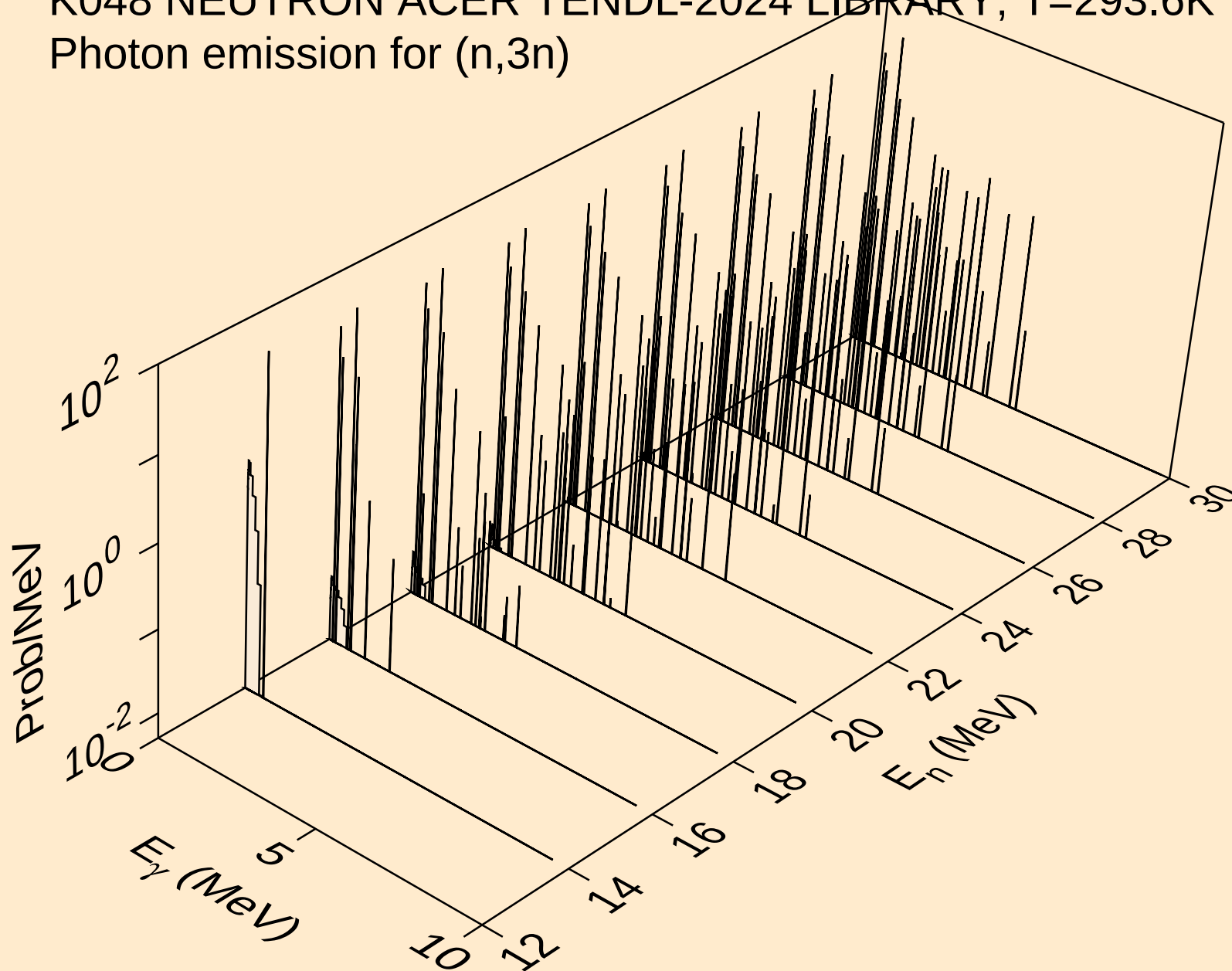
K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2nd)



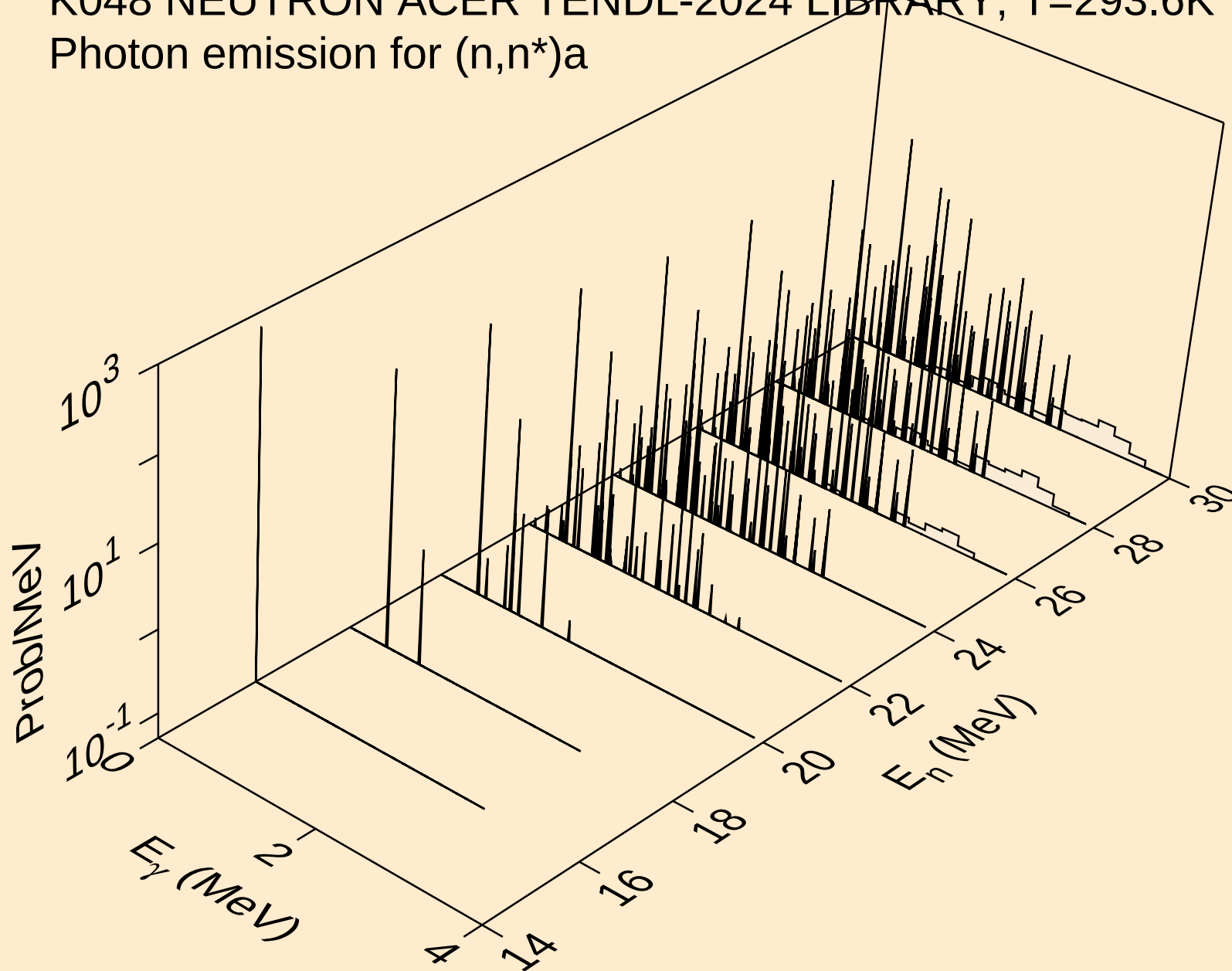
K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2n)



K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3n)

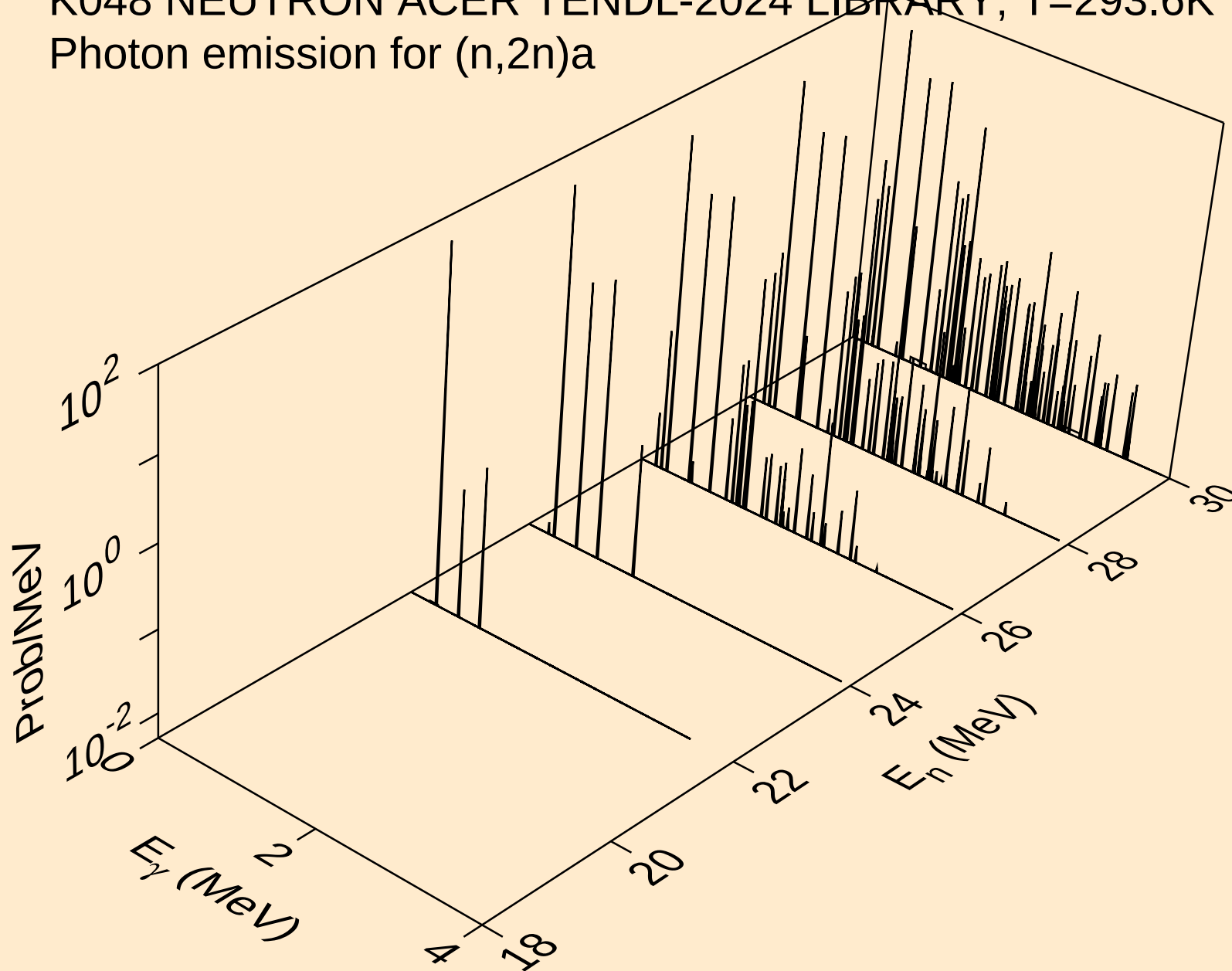


K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a

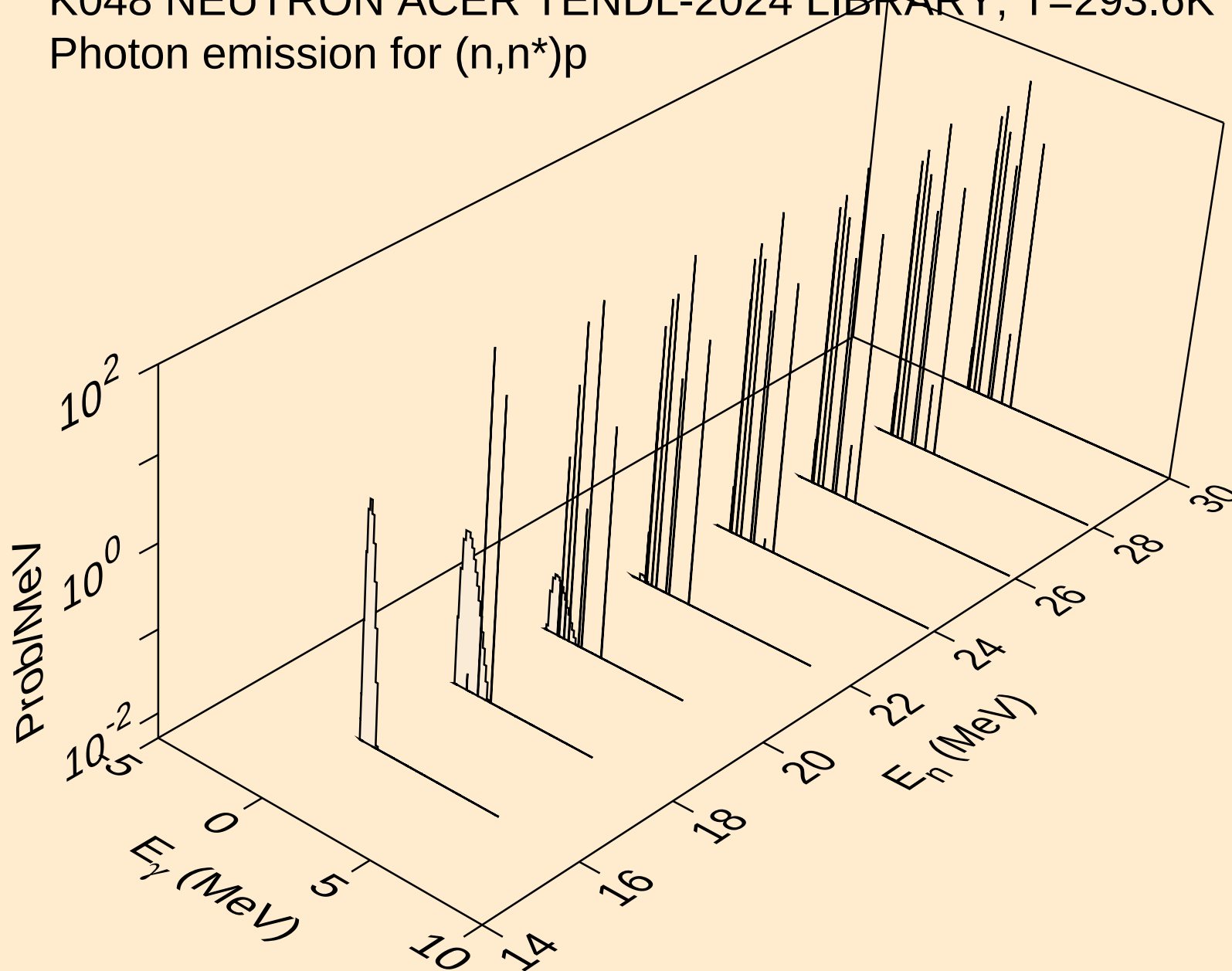




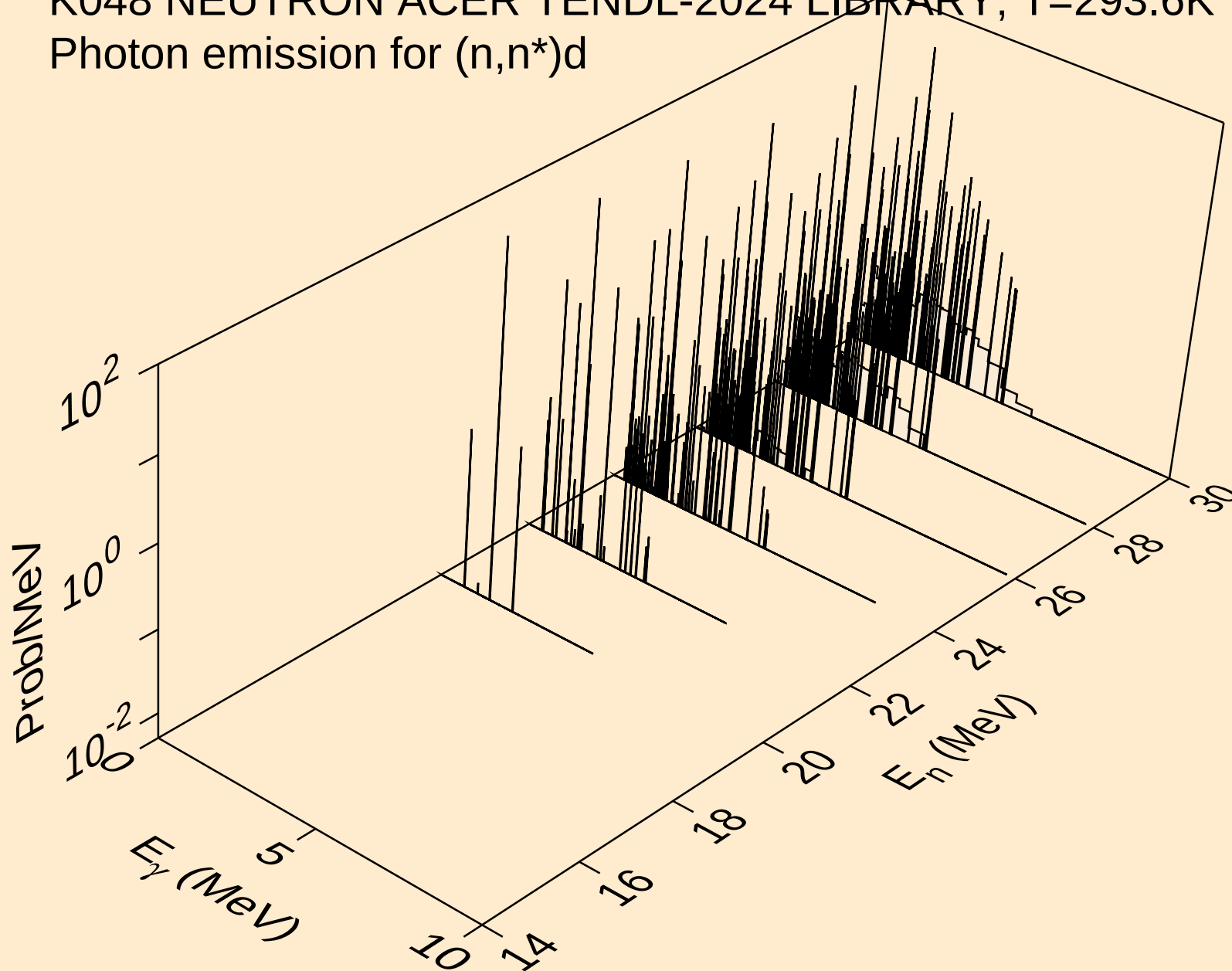
K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2n) $\alpha$



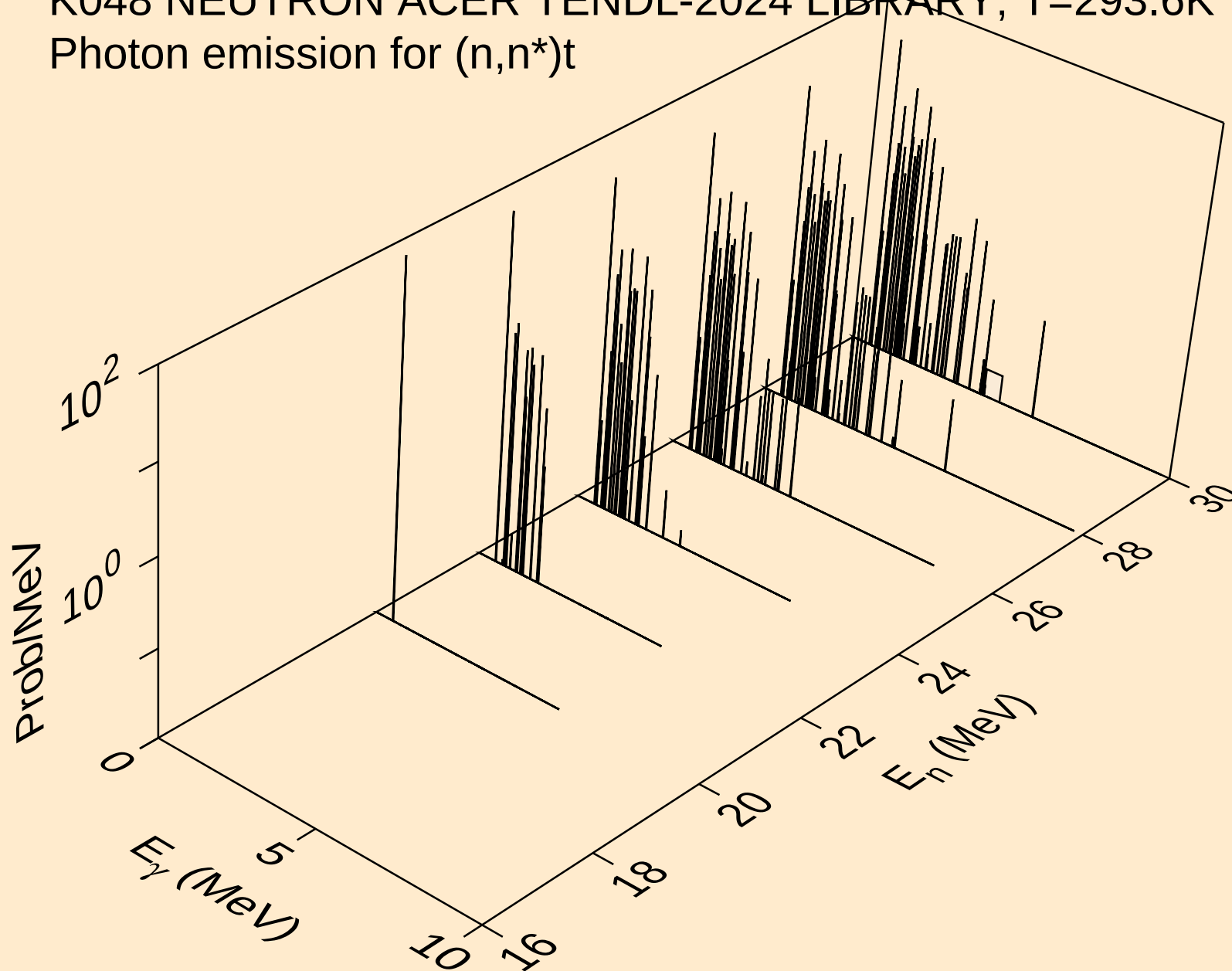
K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



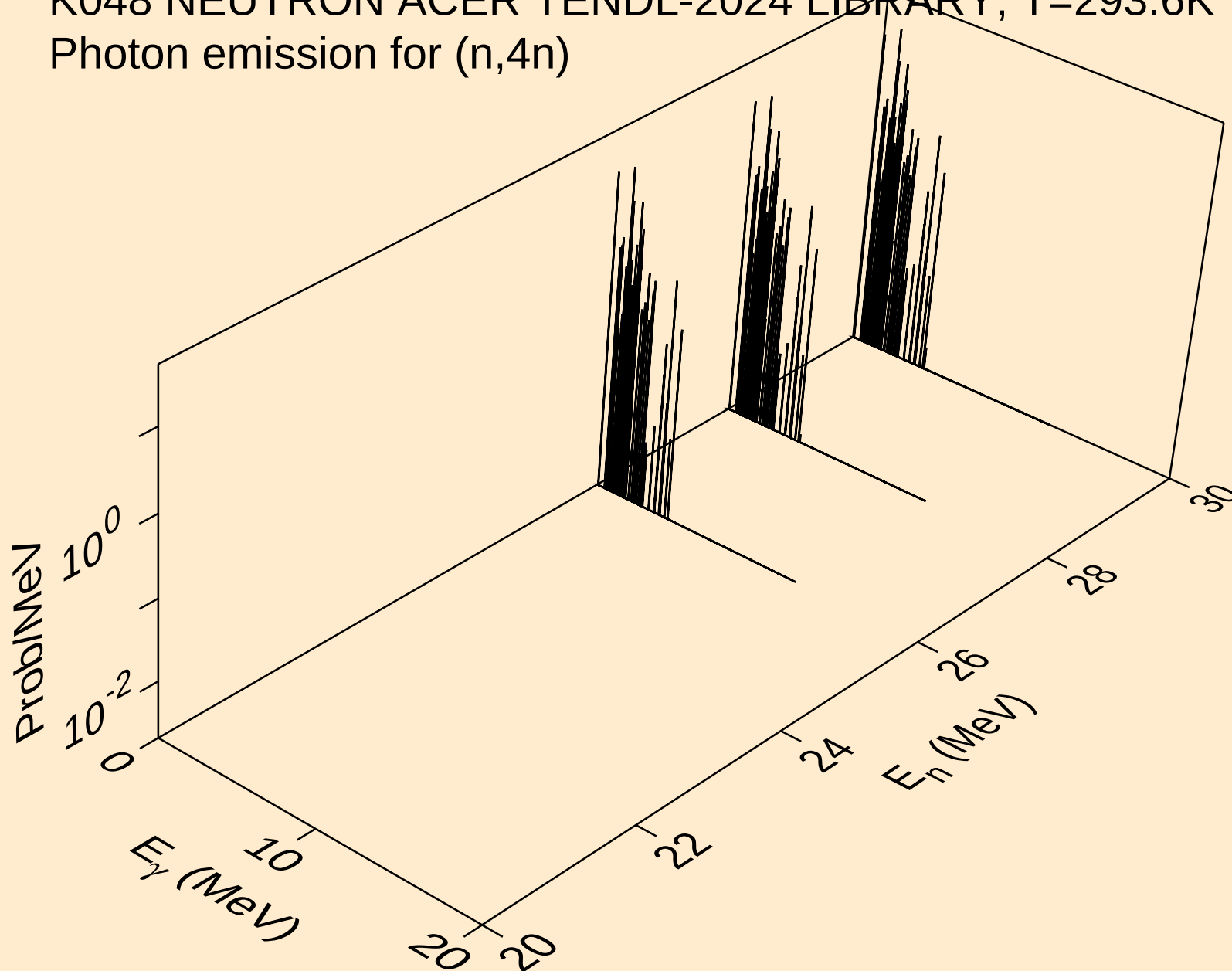
K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d



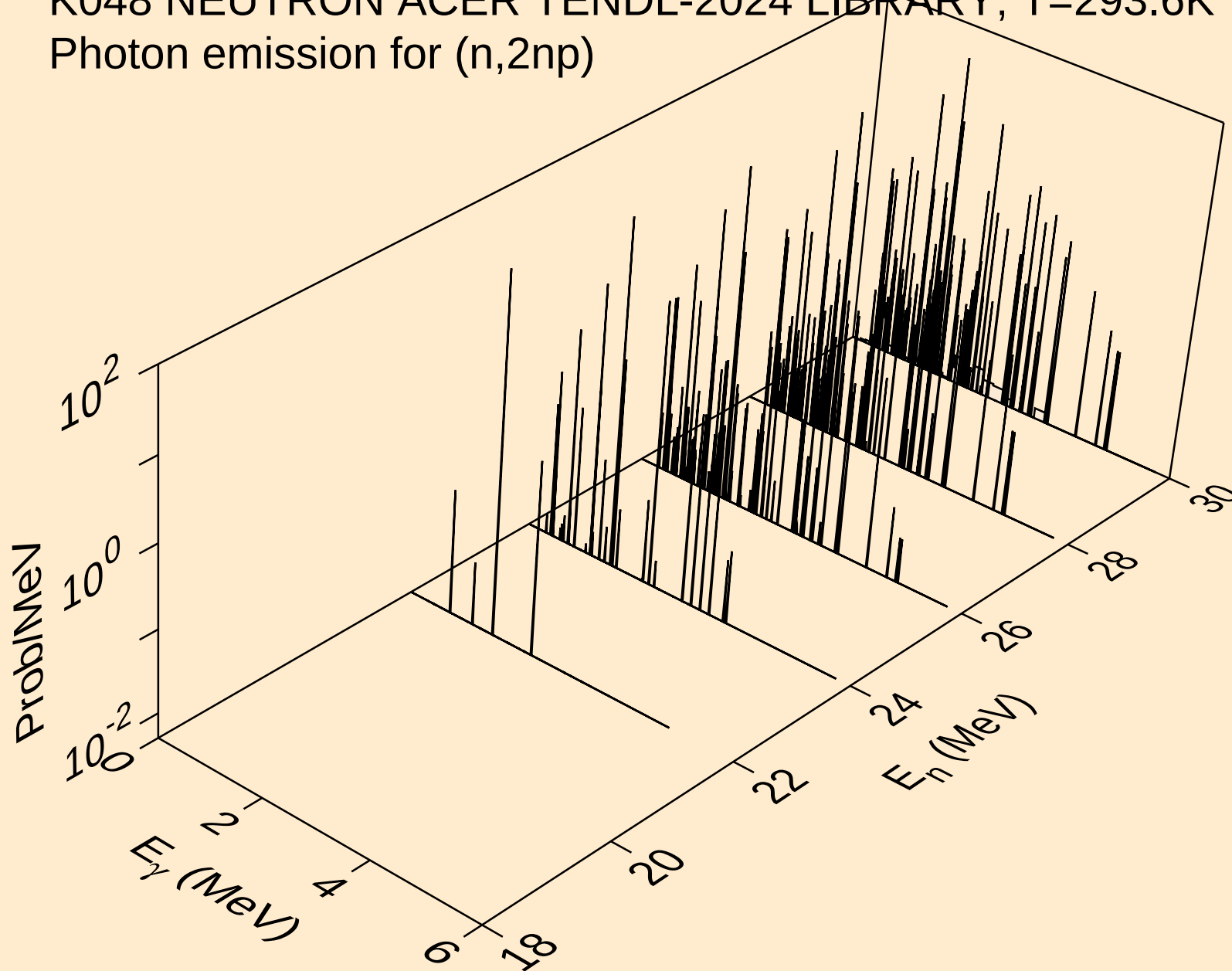
K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t



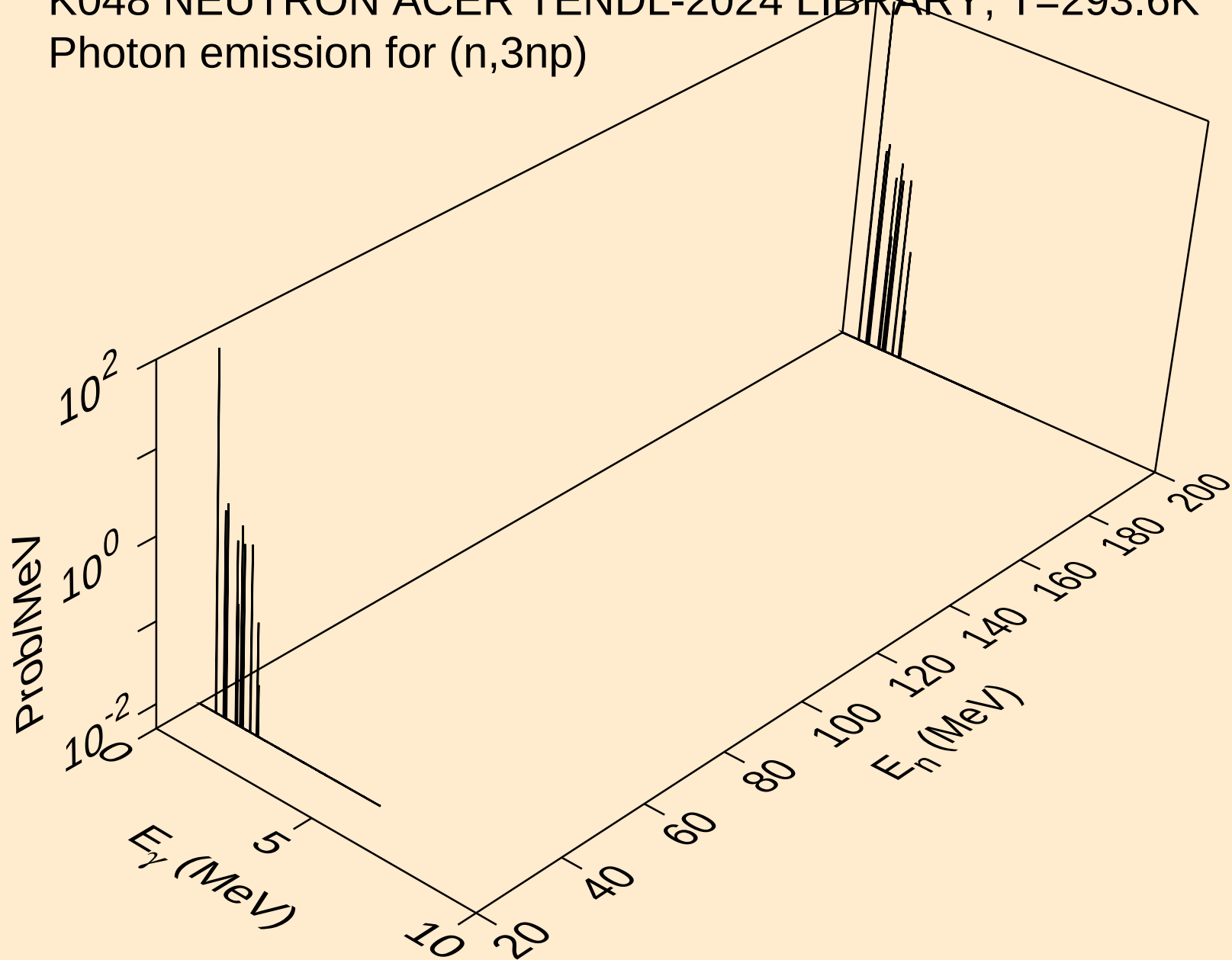
K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,4n)



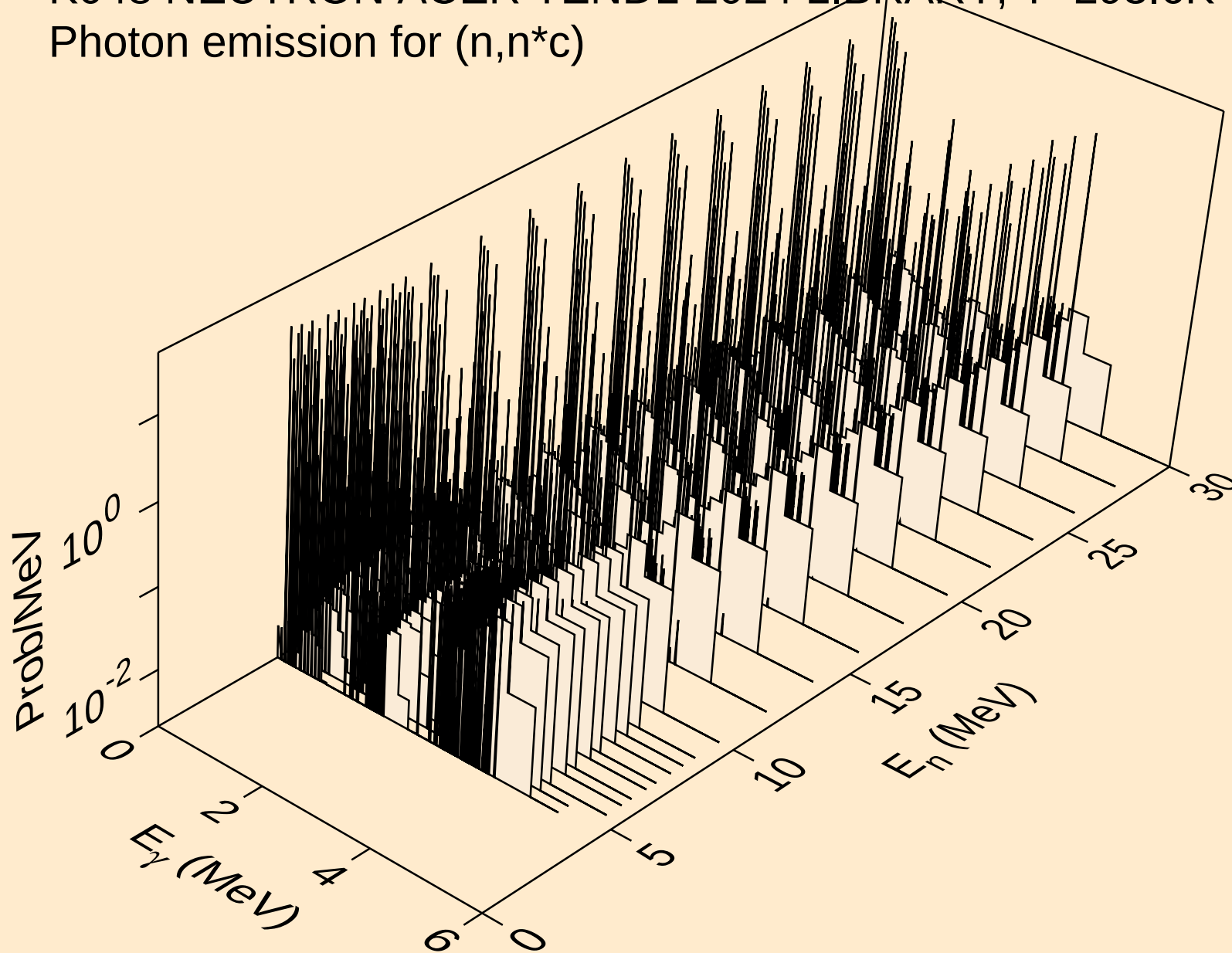
K048 NEUTRON ACER TENDL-2024 LIBRARY;  $T=293.6\text{K}$   
Photon emission for (n,2np)



K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3np)

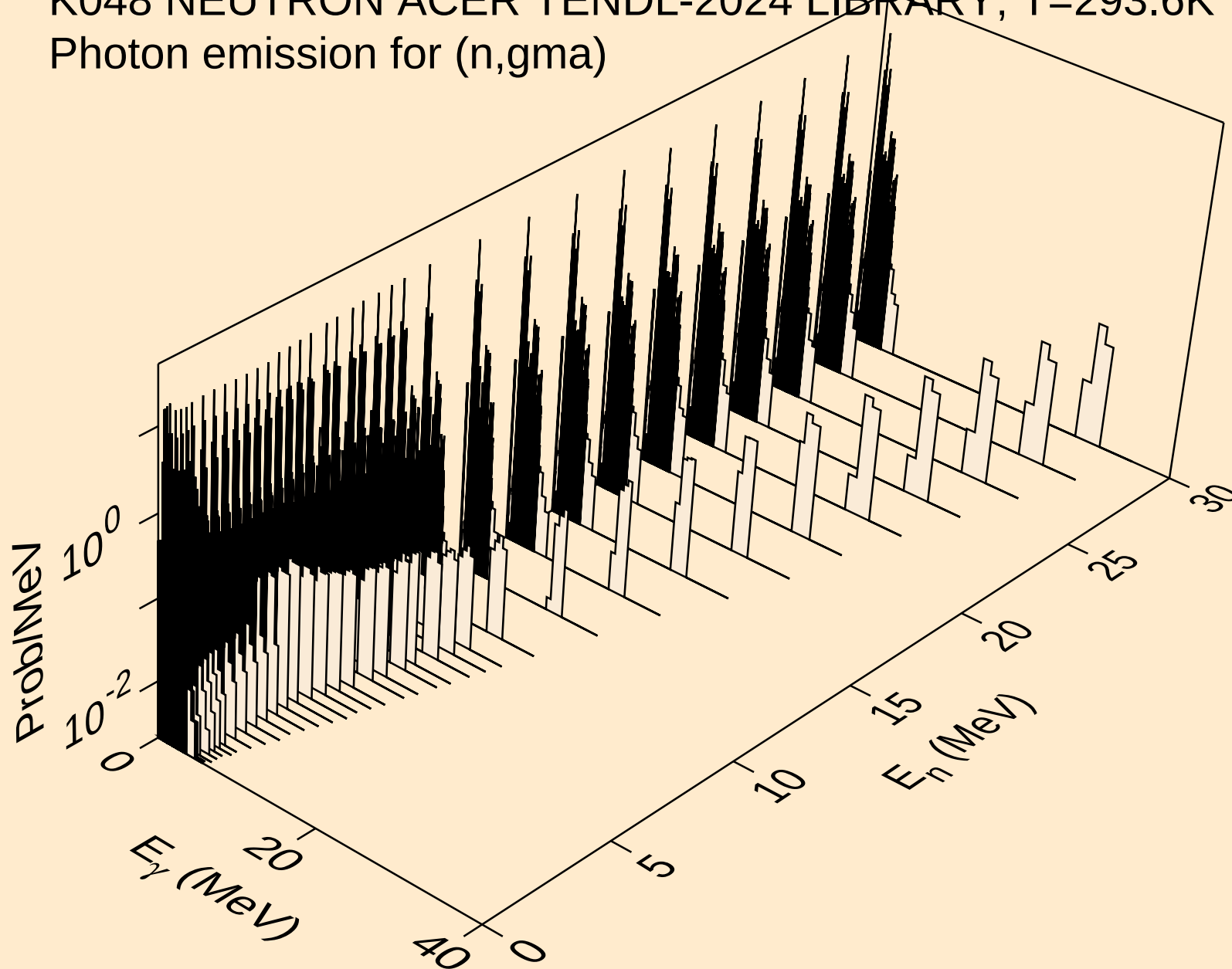


K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)

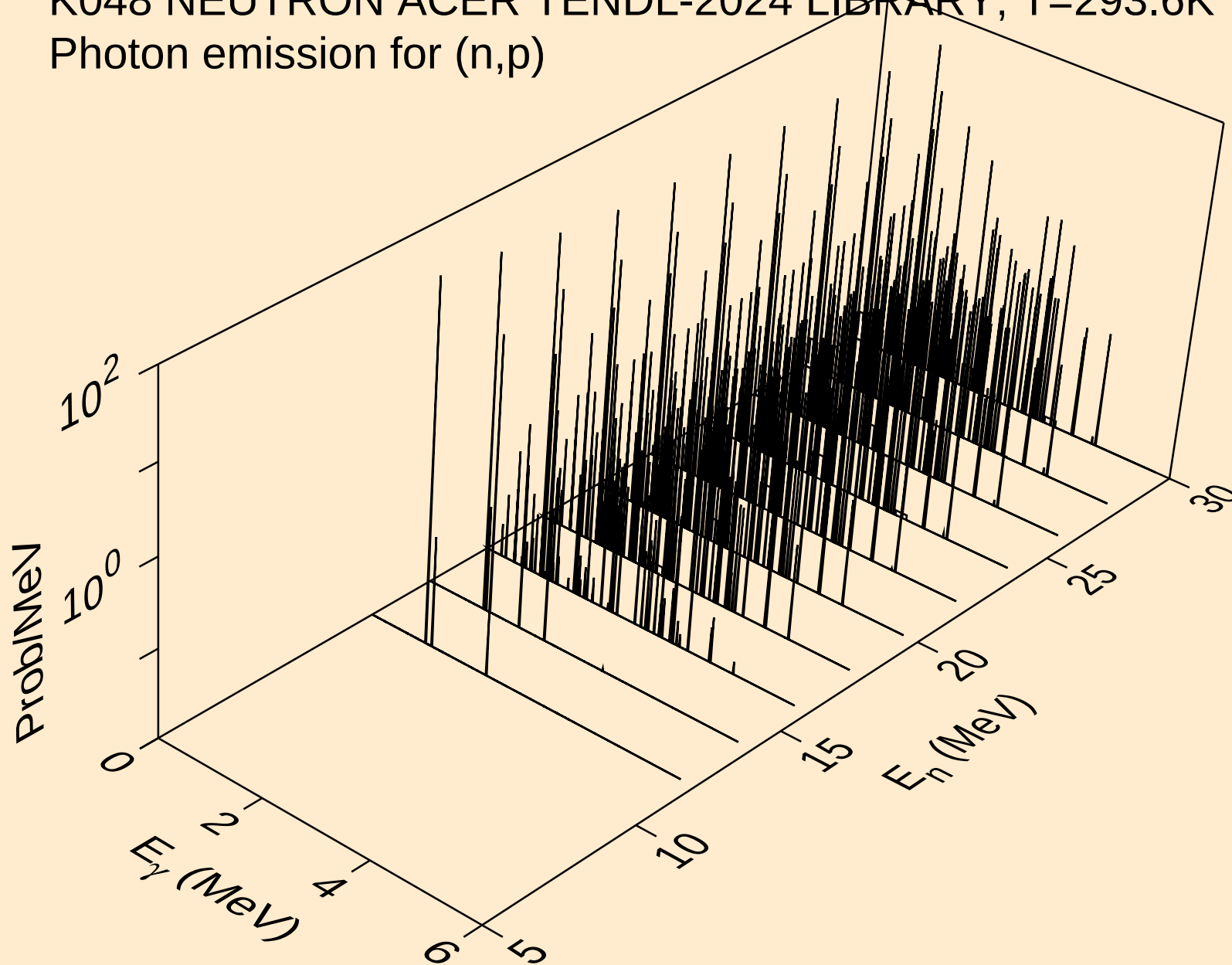




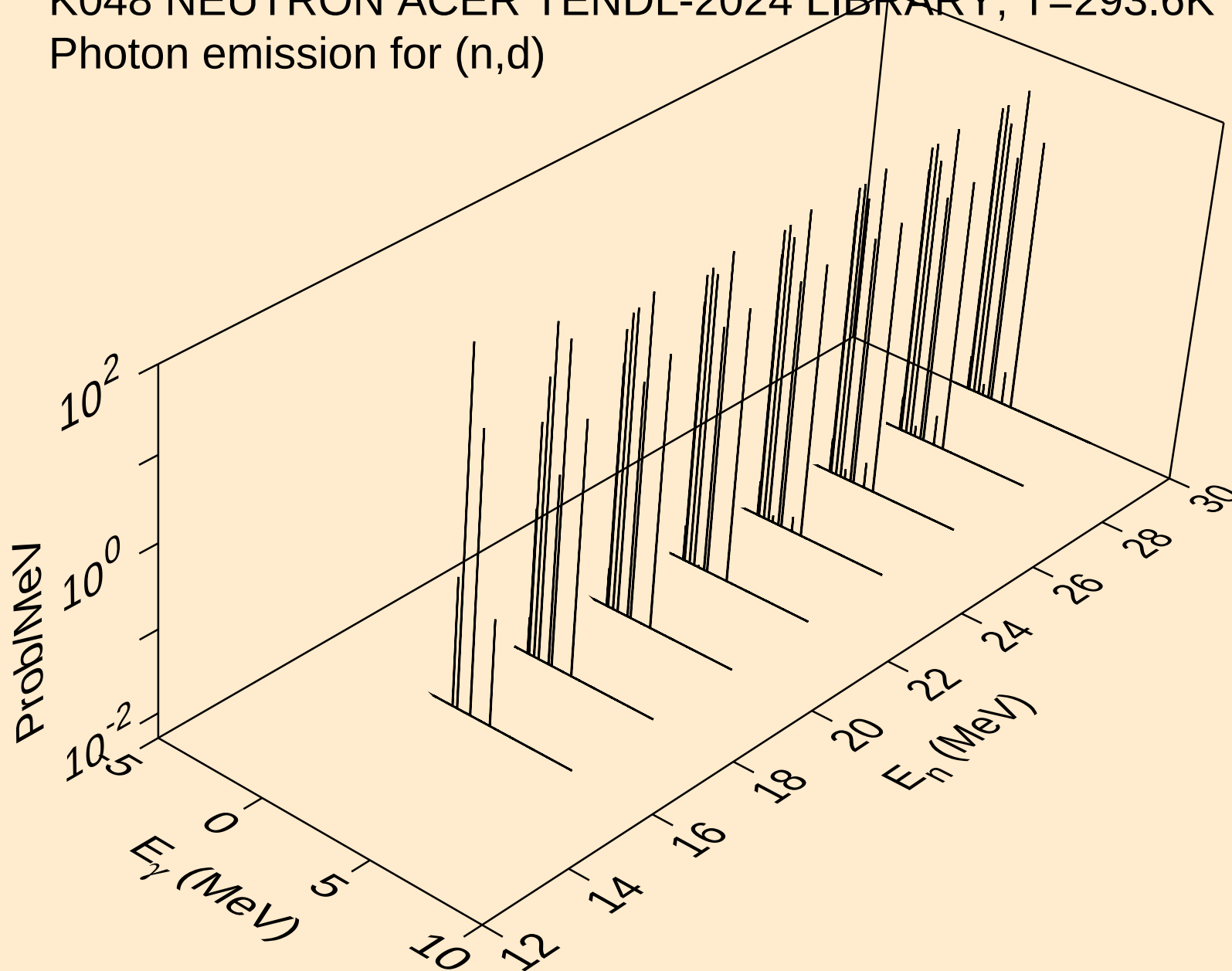
K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,gma)



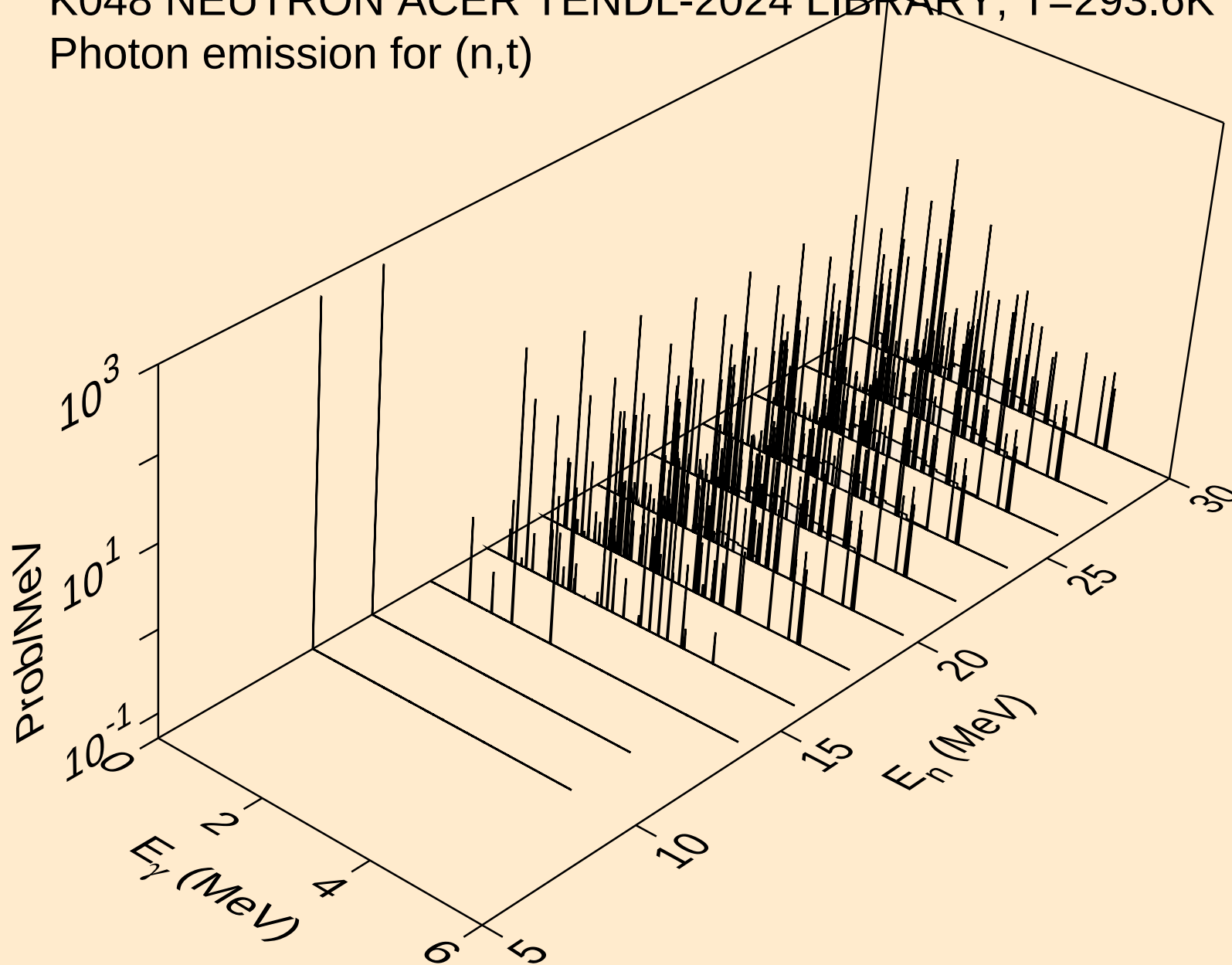
K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,p)



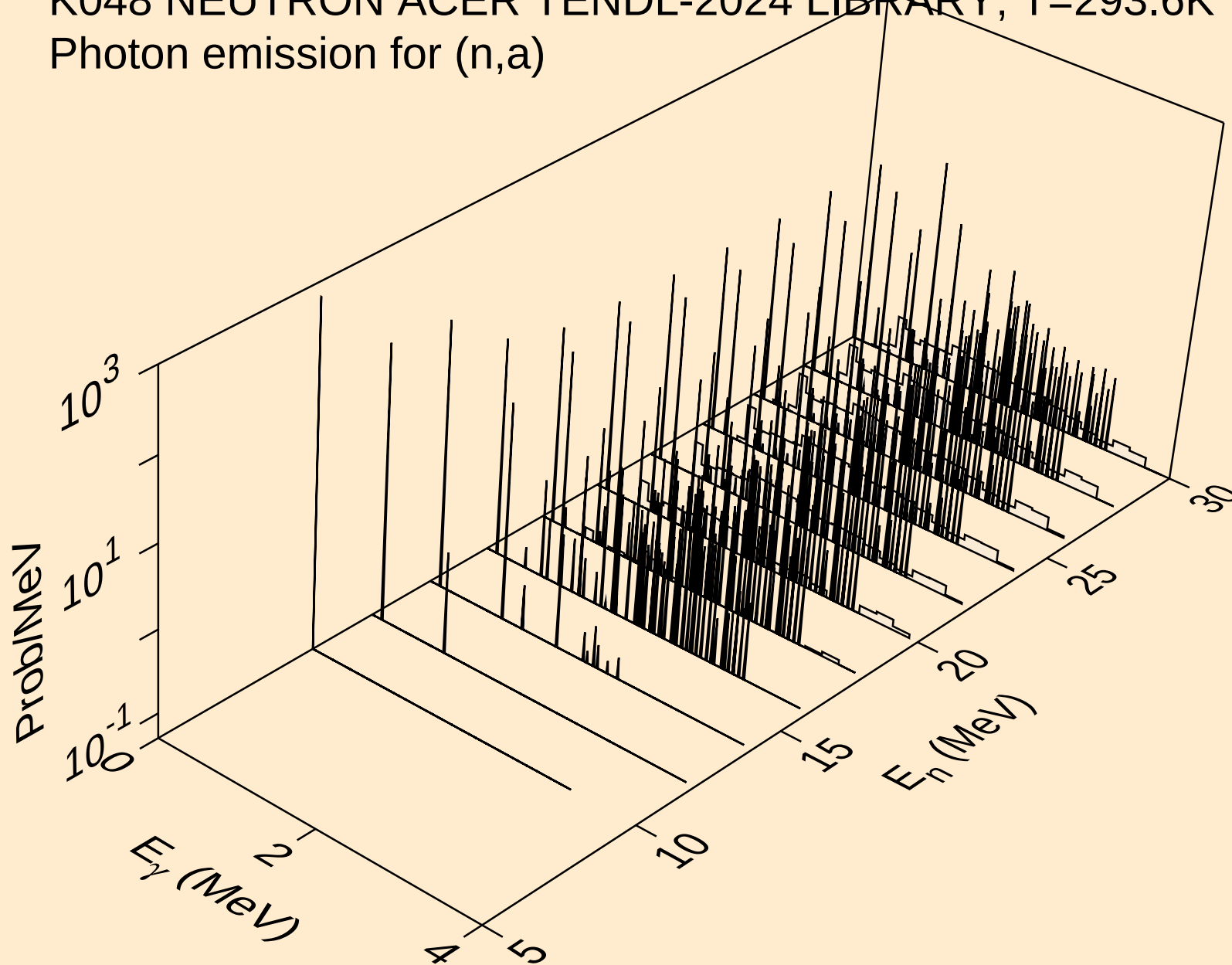
K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,d)



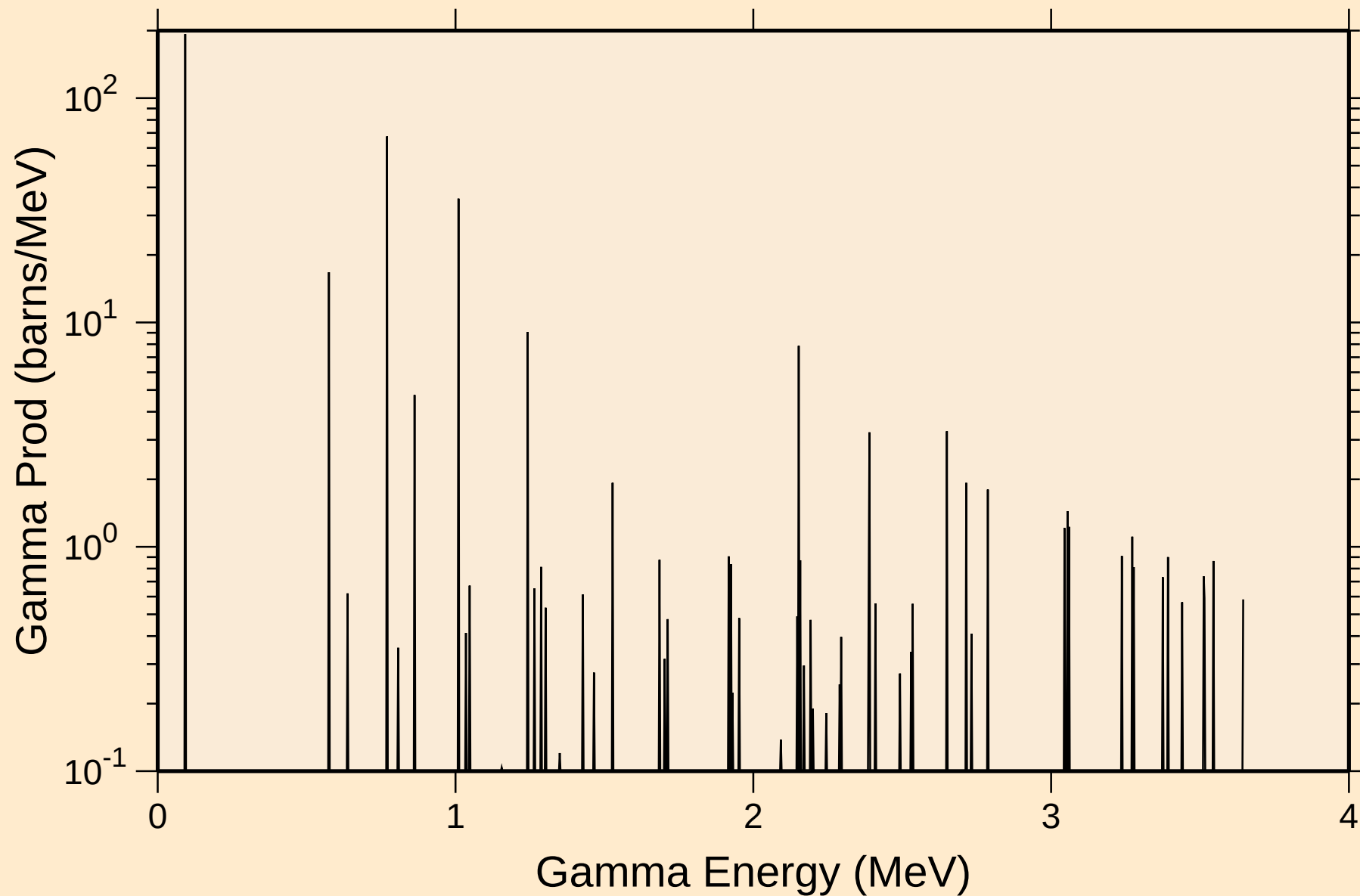
K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,t)



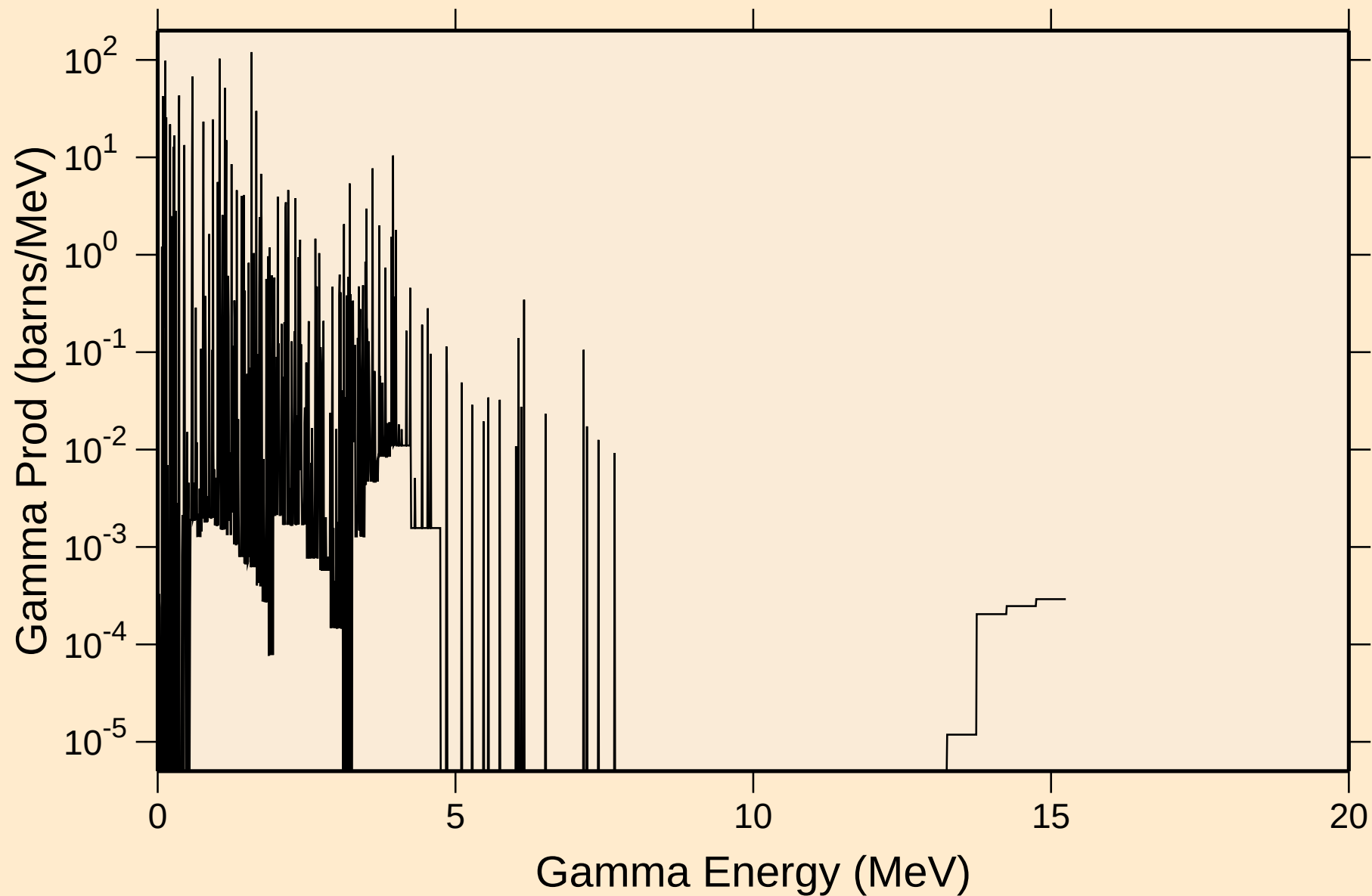
K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,a)



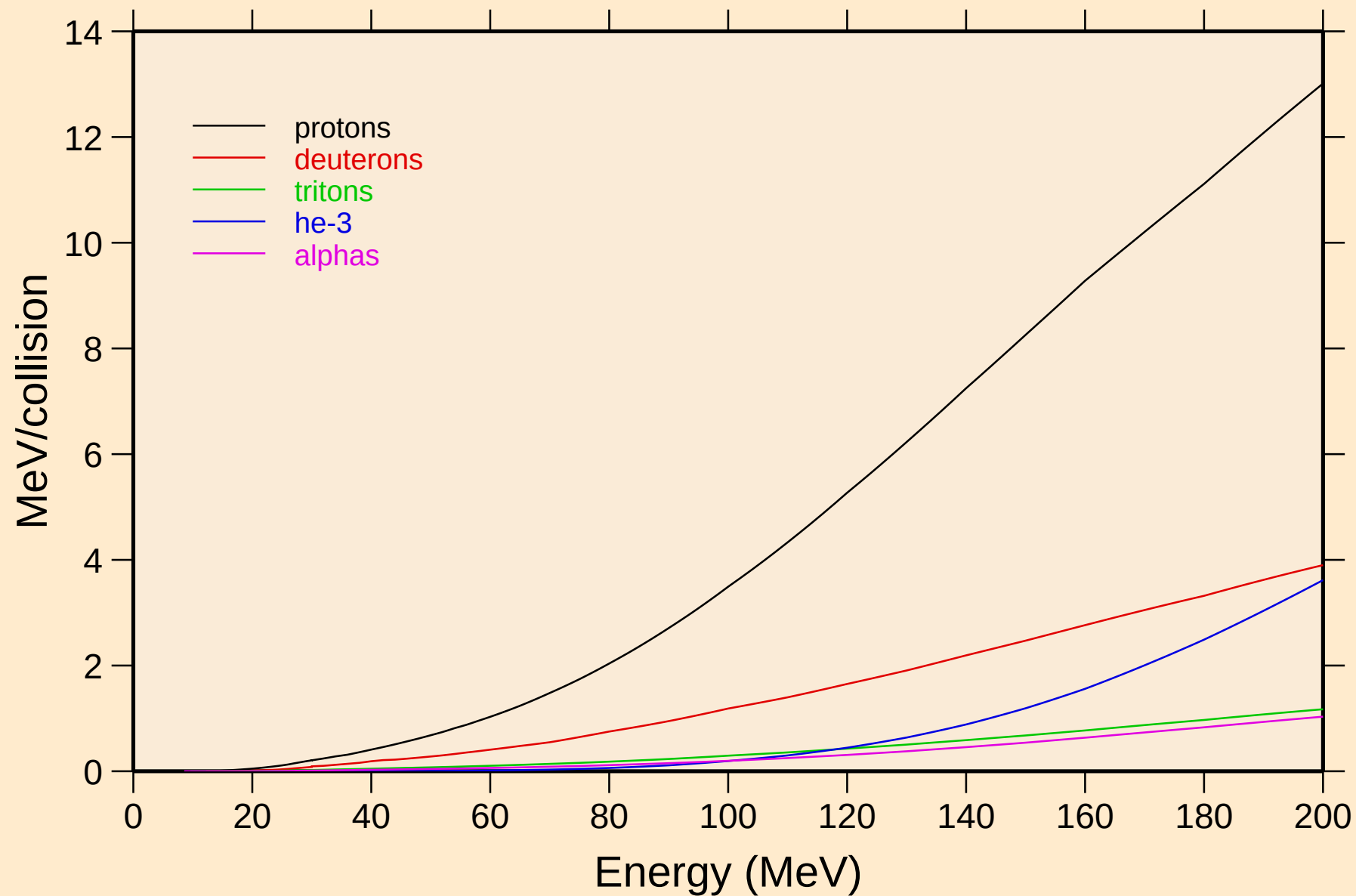
K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
thermal capture photon spectrum



K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
14 MeV photon spectrum



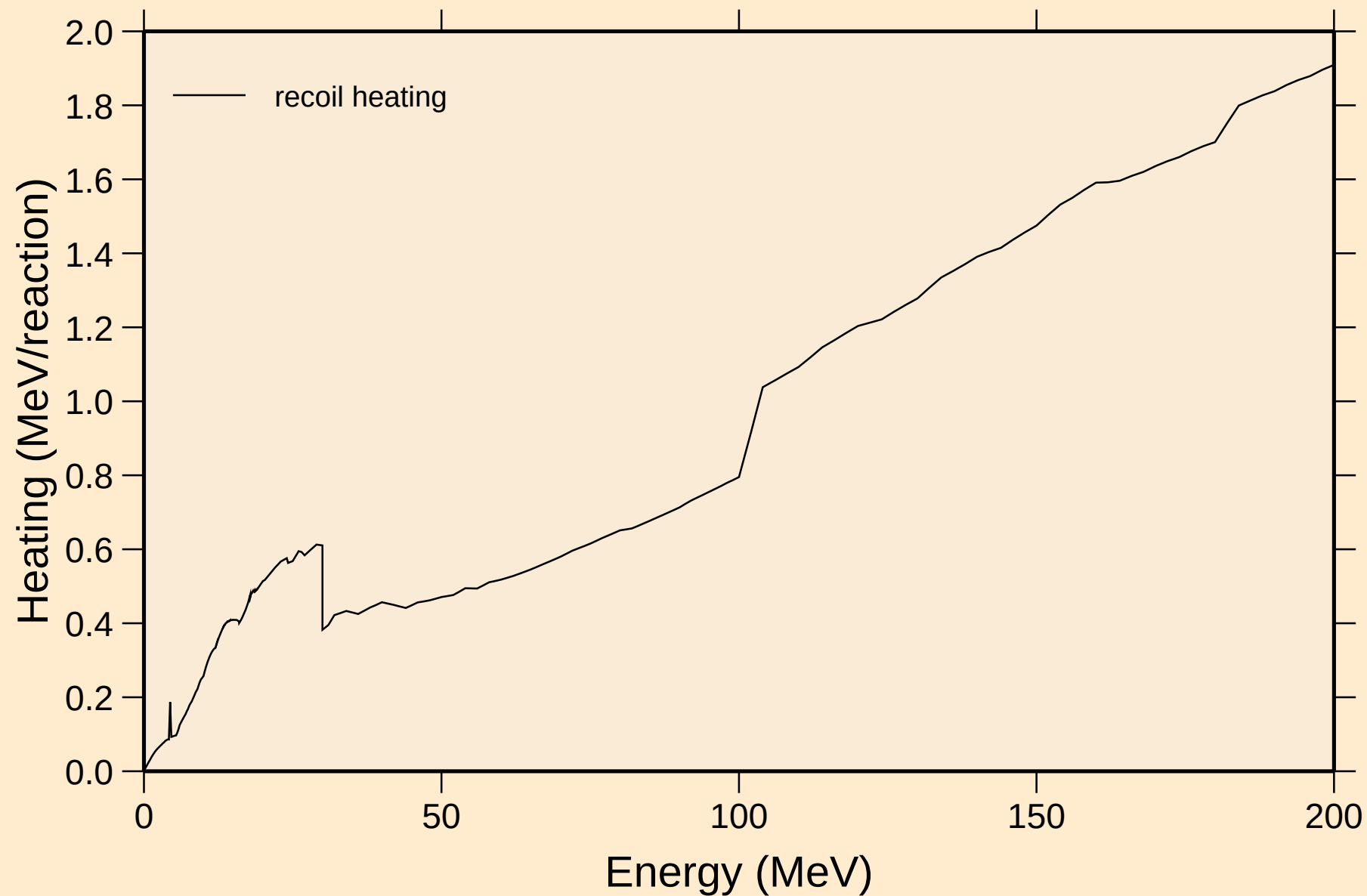
K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Particle heating contributions





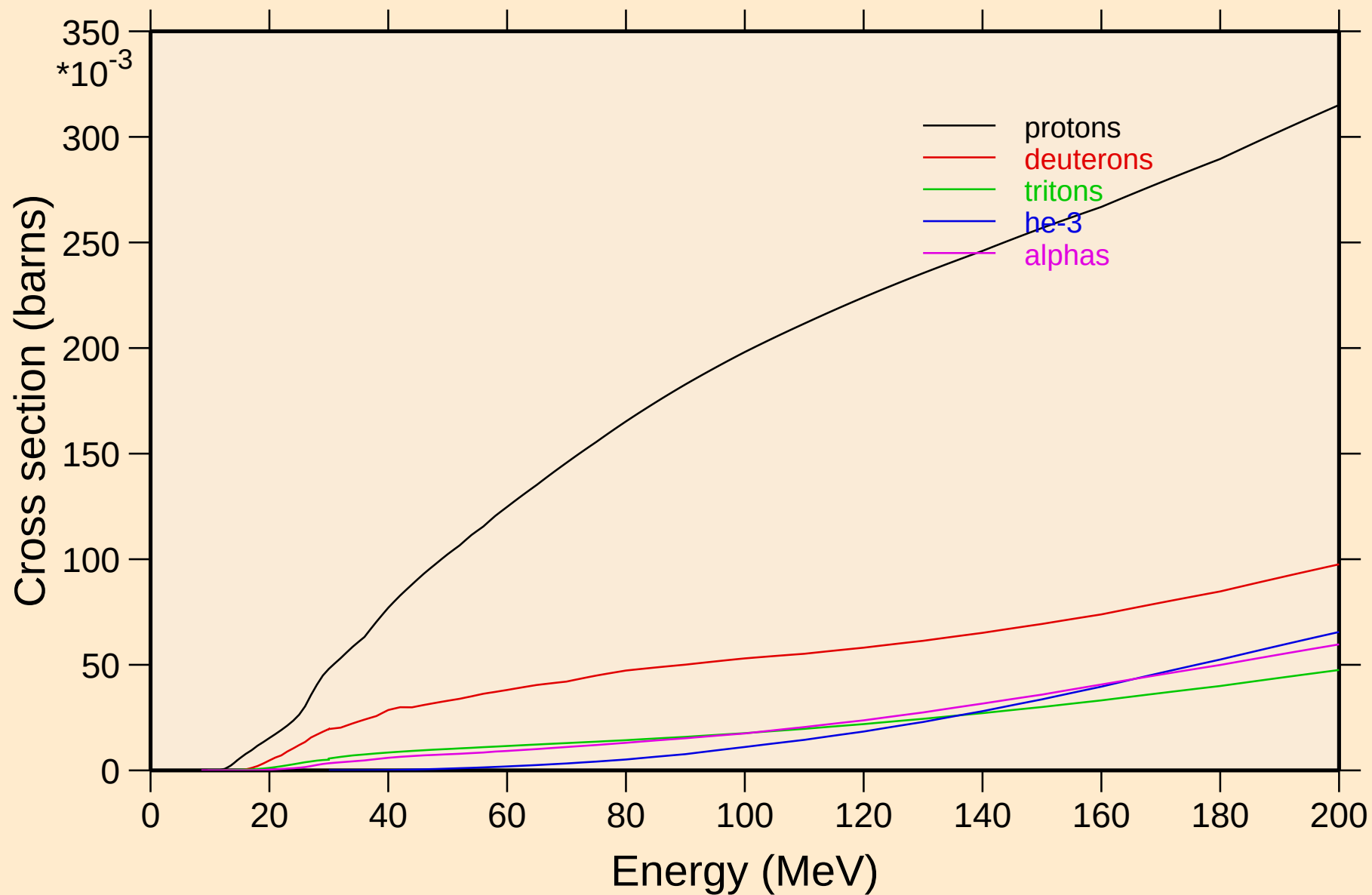
# K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Recoil Heating

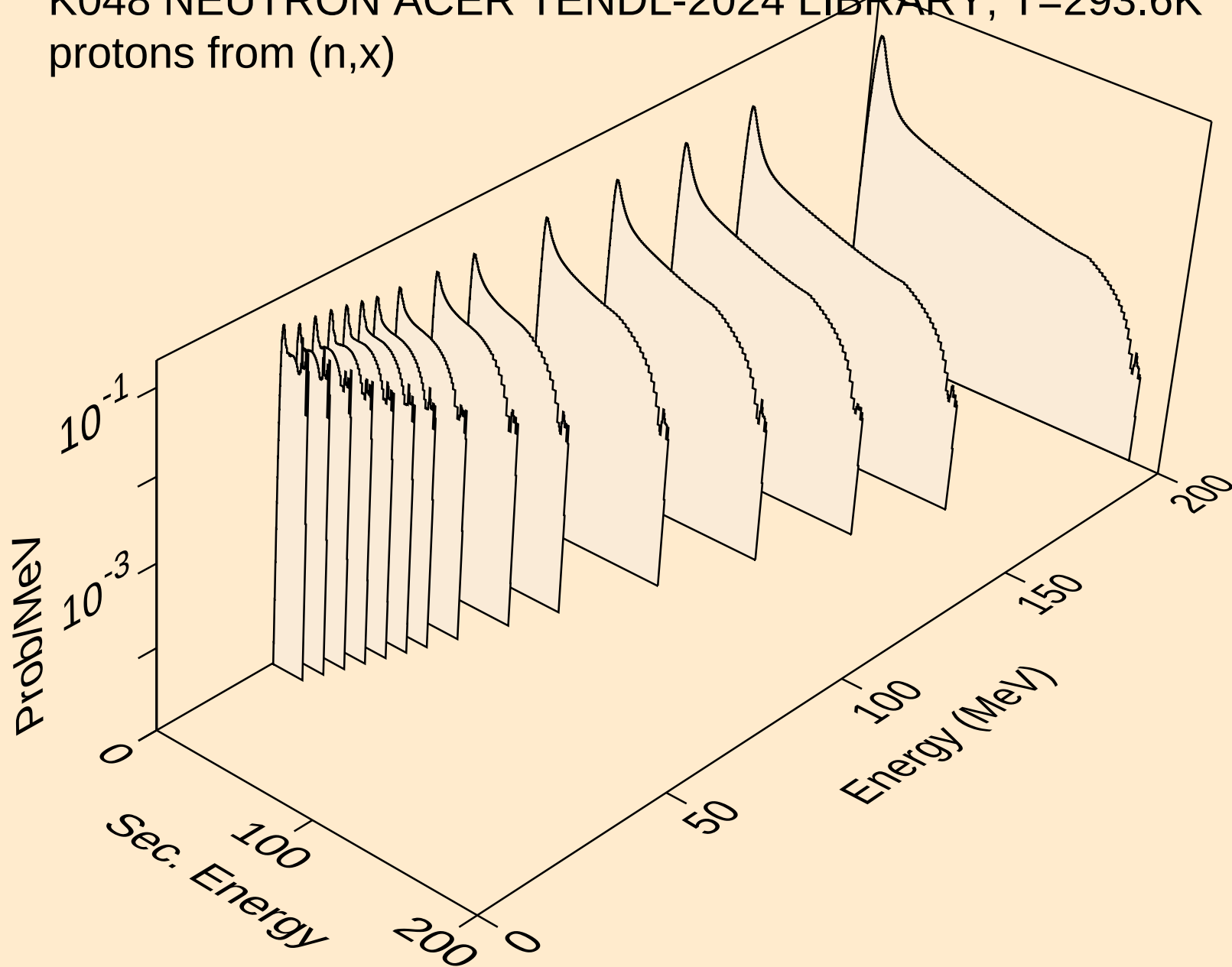


# K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

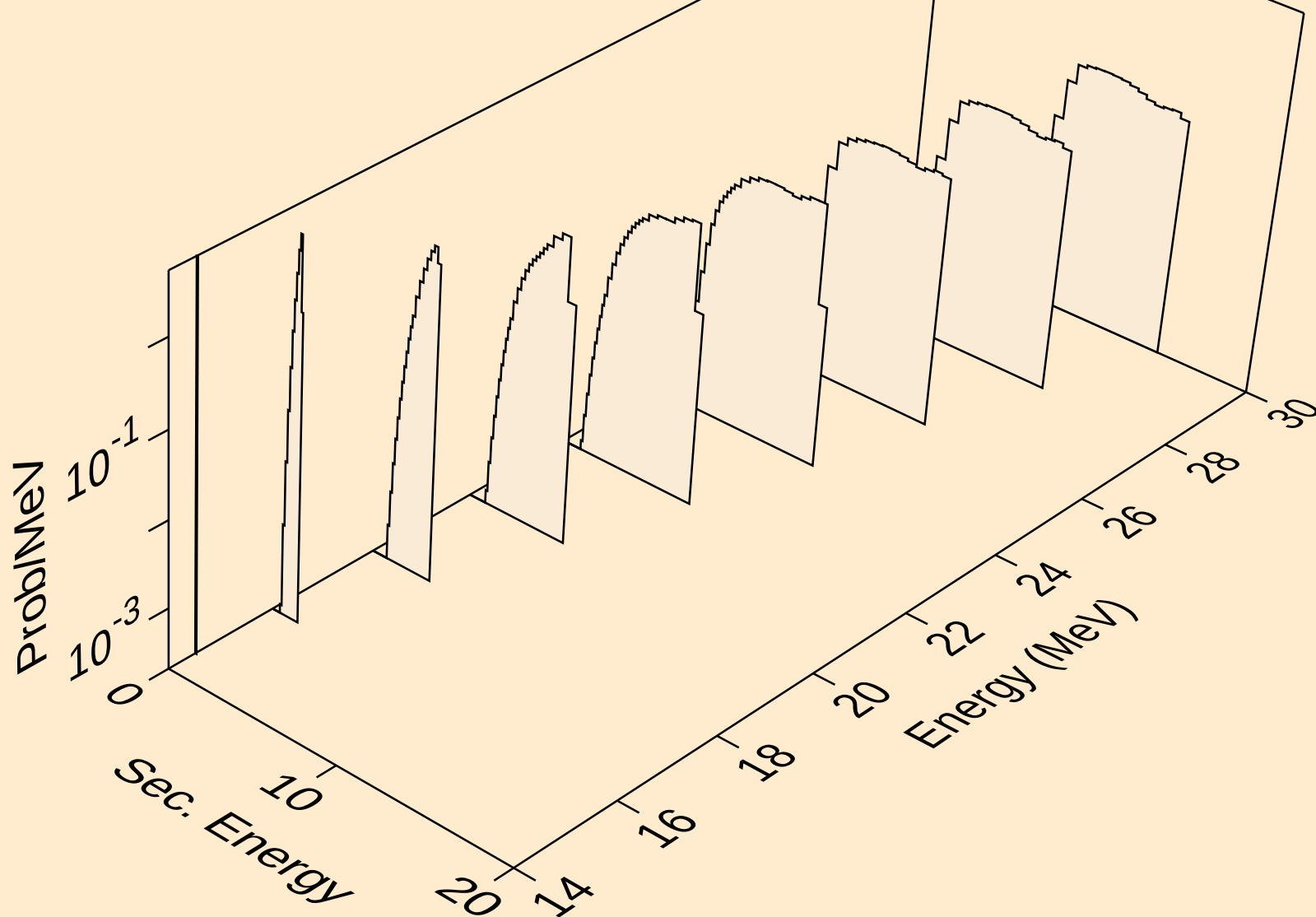
## Particle production cross sections



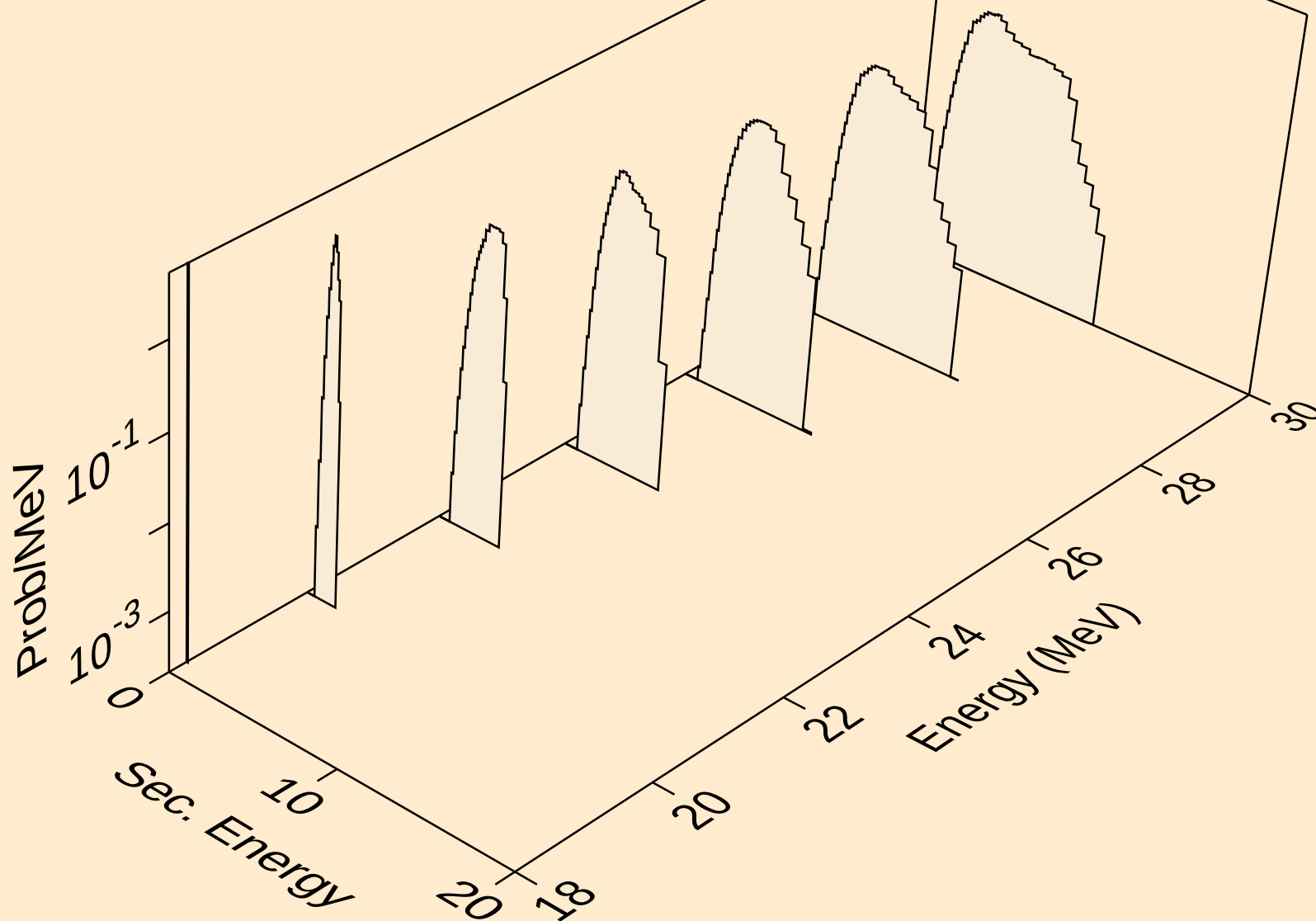
K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,x)



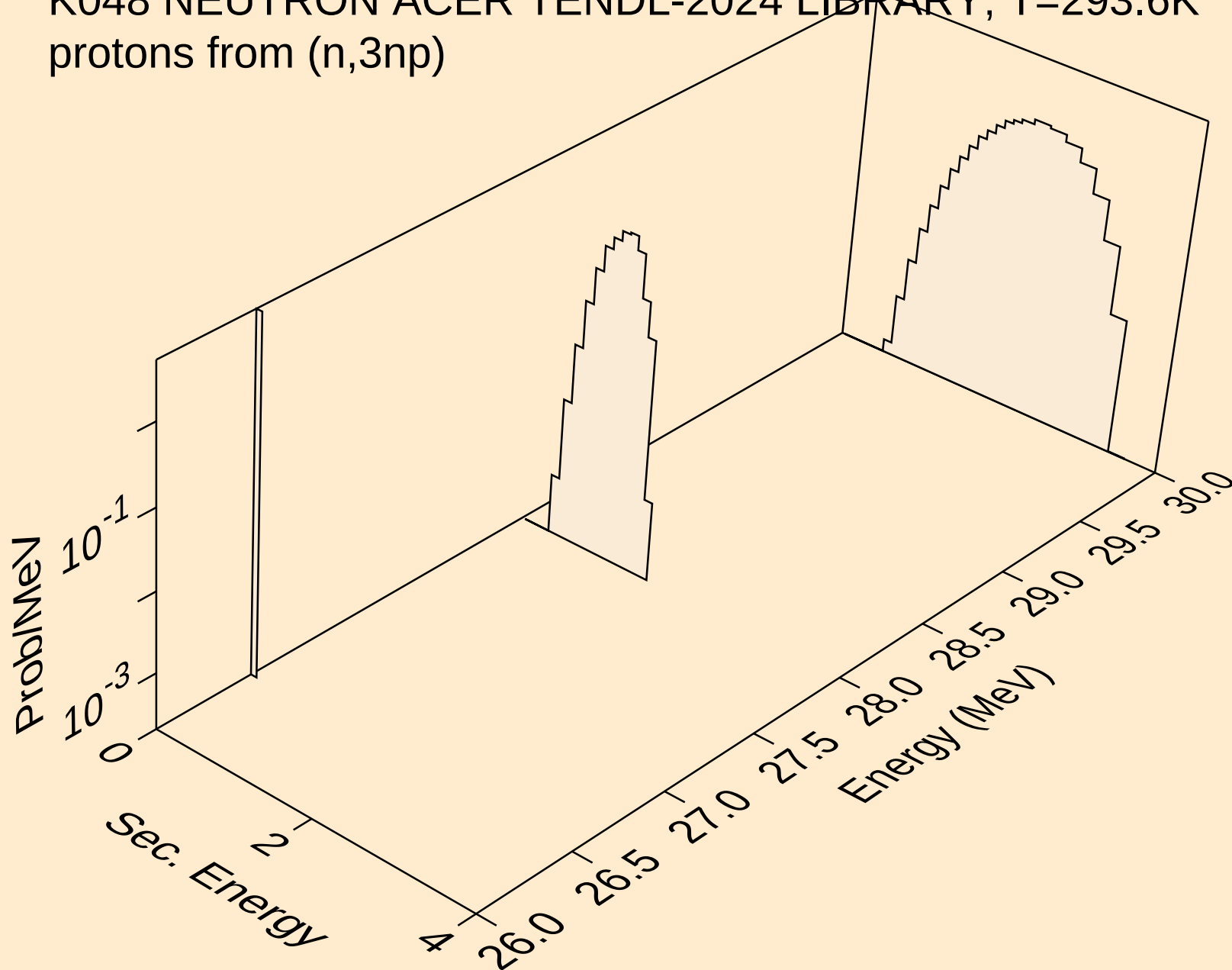
K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,n\*)p



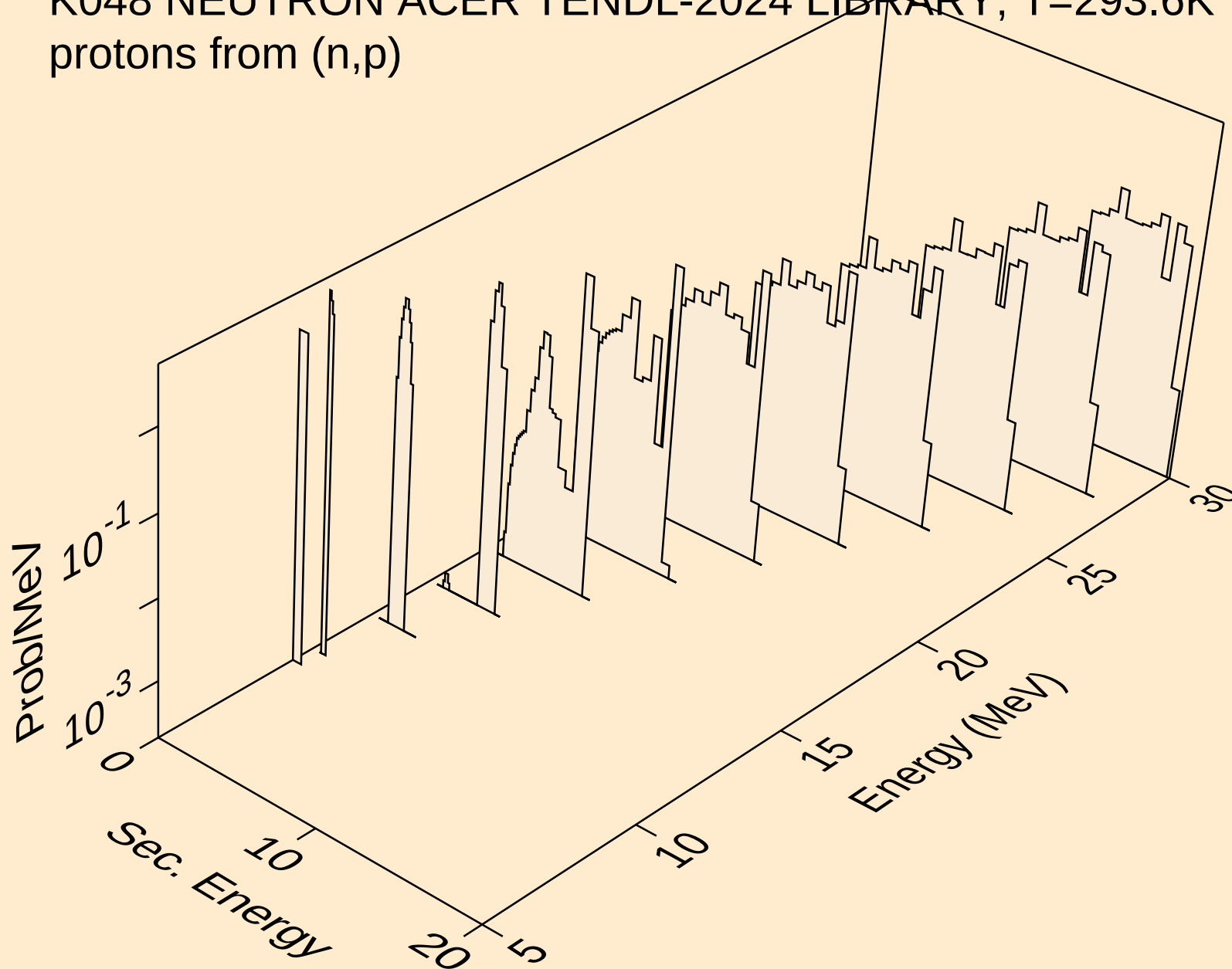
K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,2np)



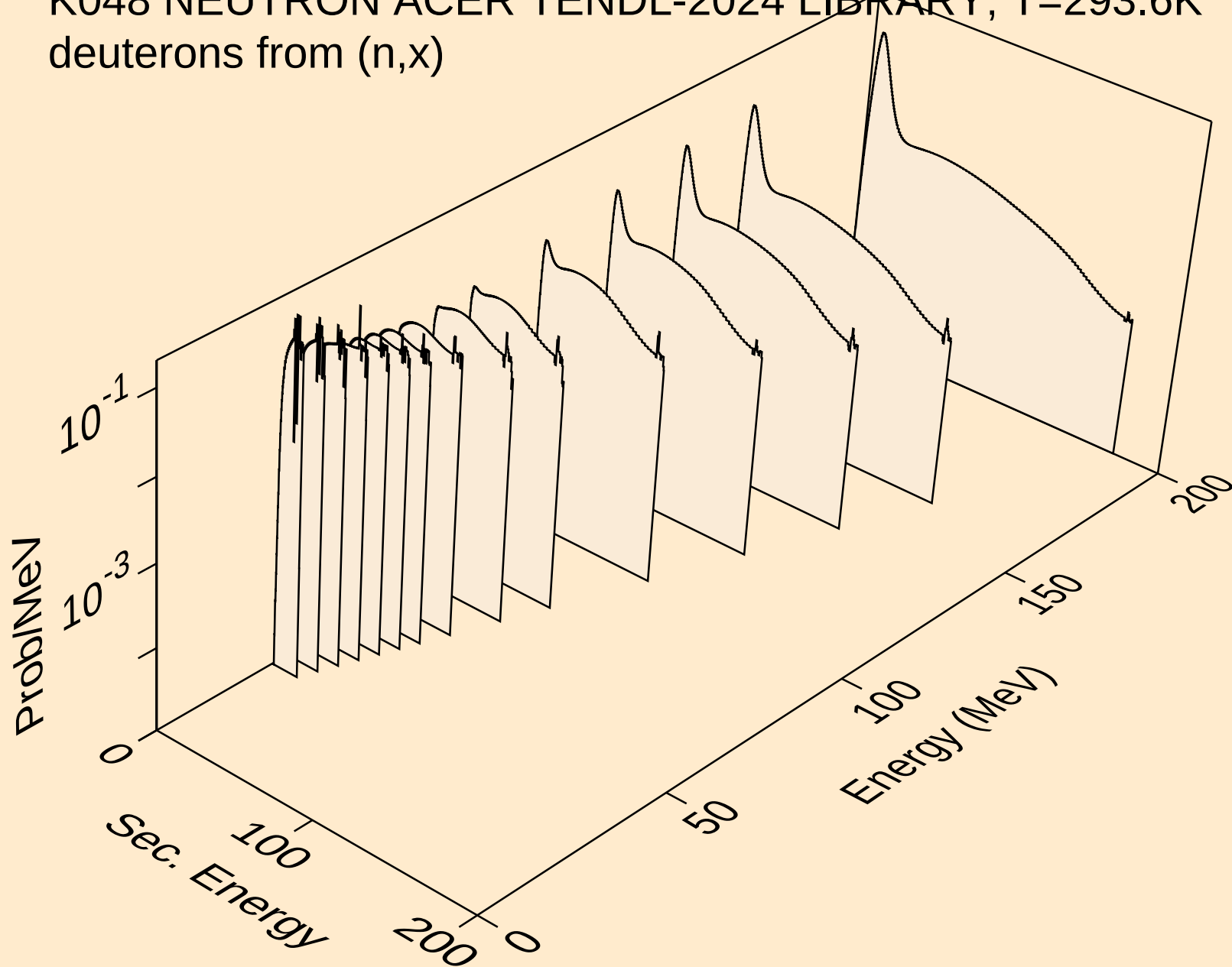
K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,3np)



K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,p)

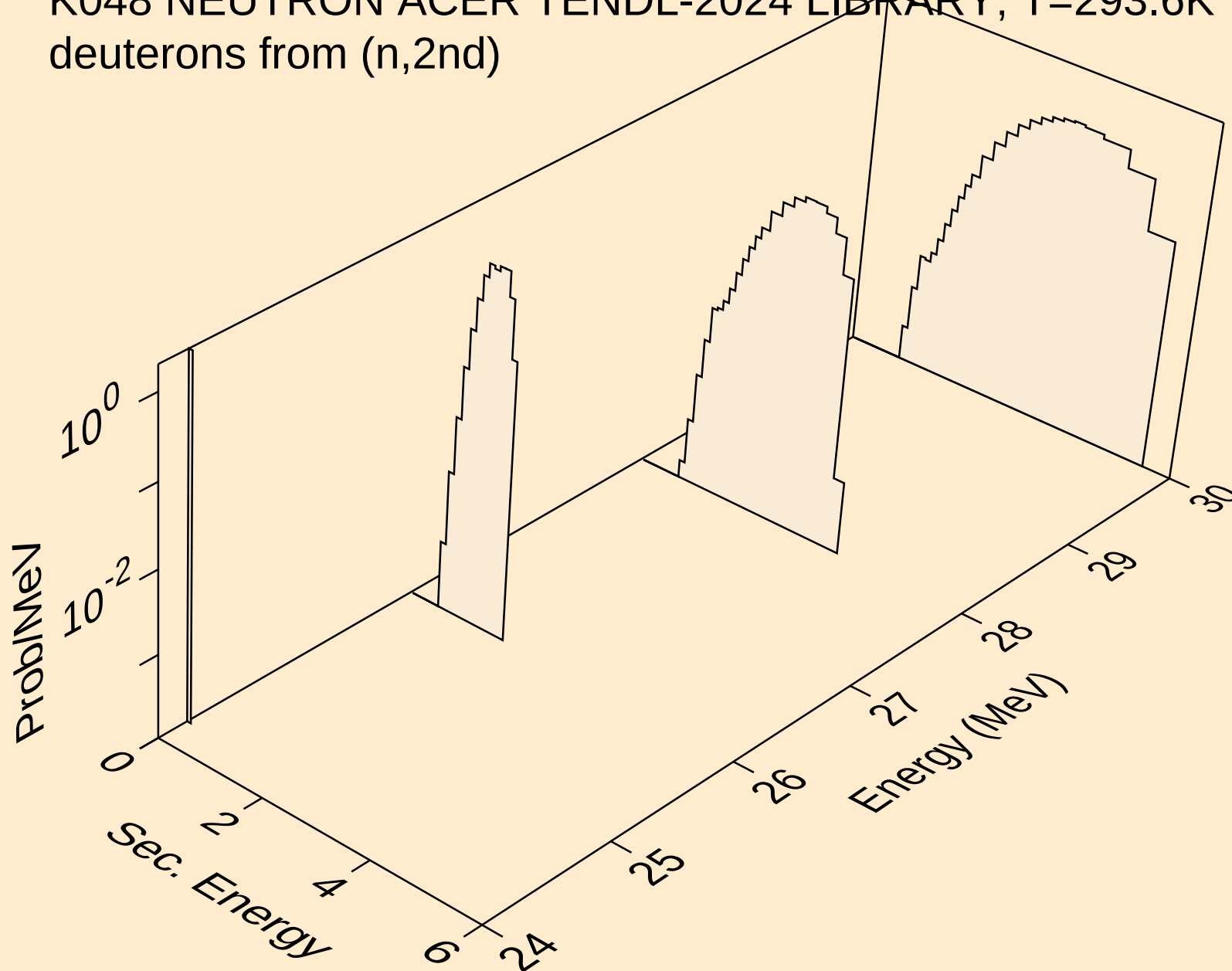


K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,x)

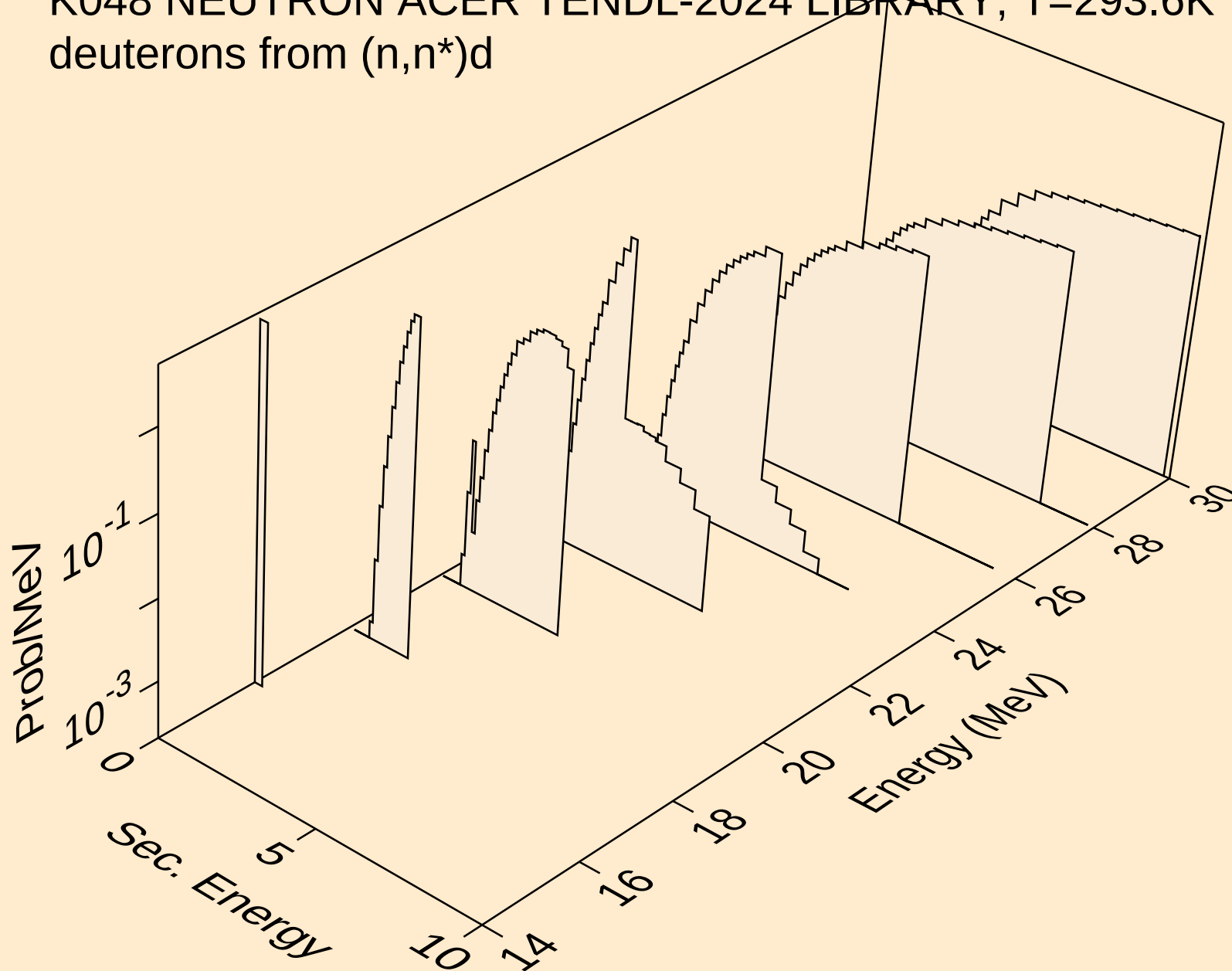




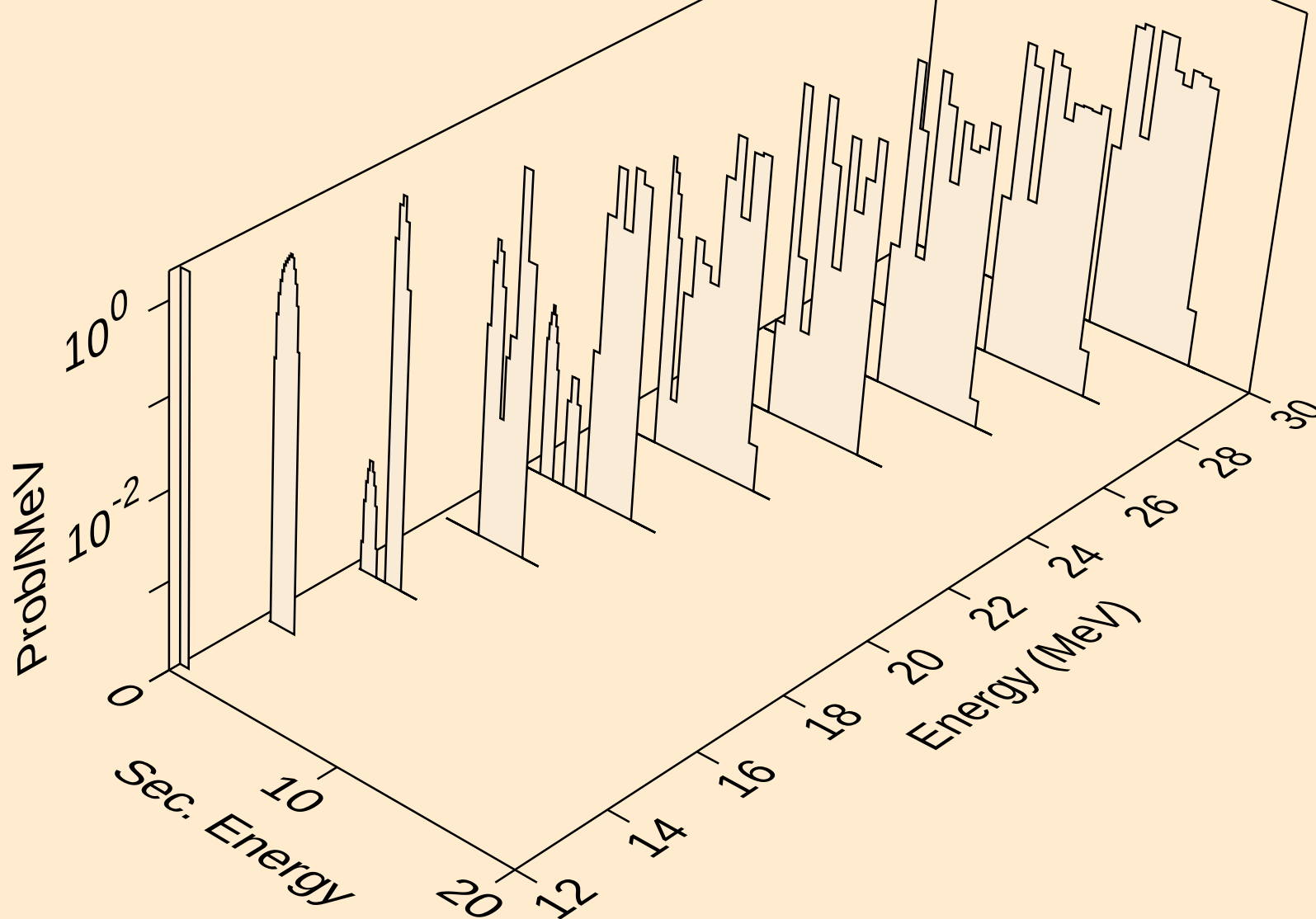
K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,2nd)



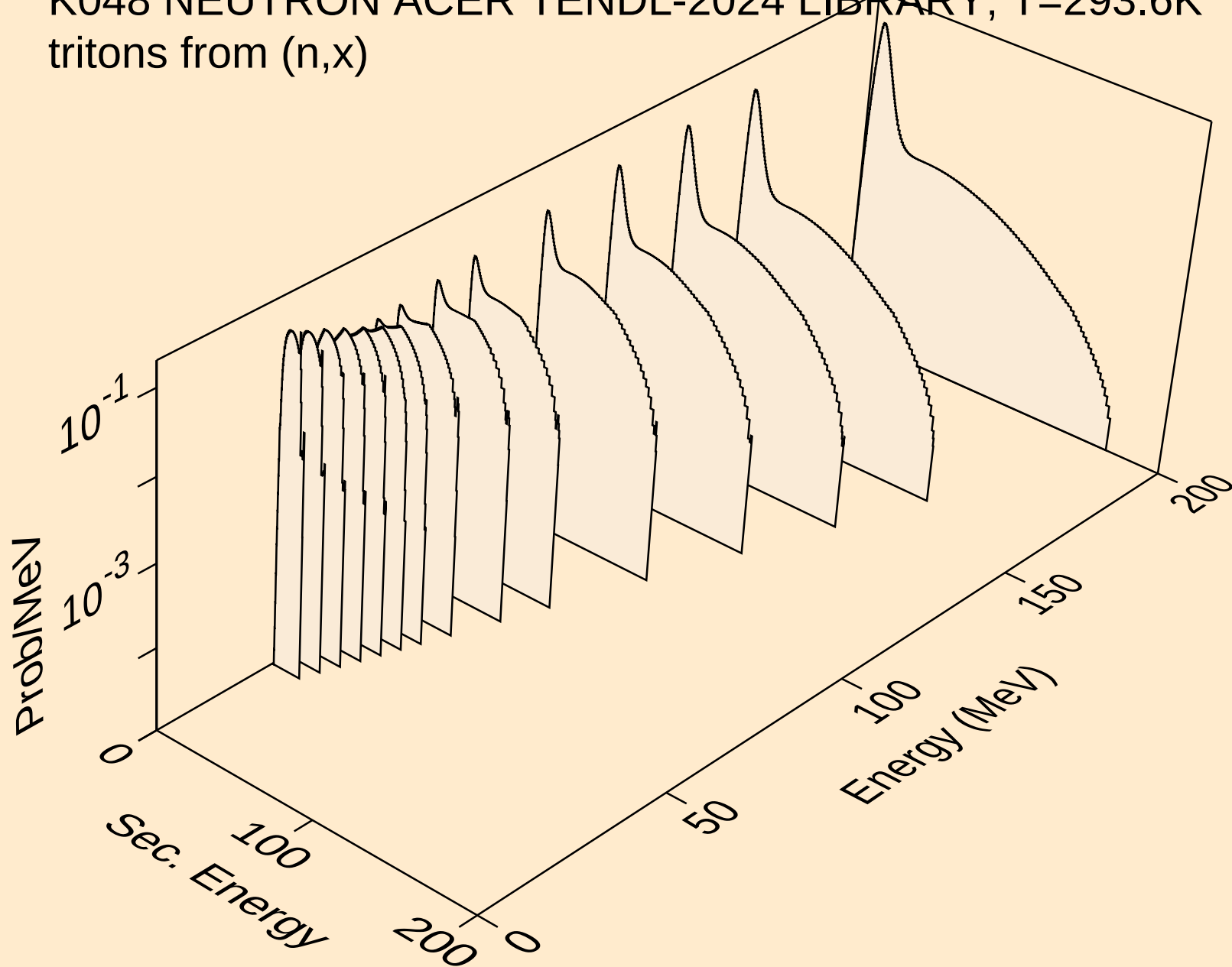
K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,n\*)d



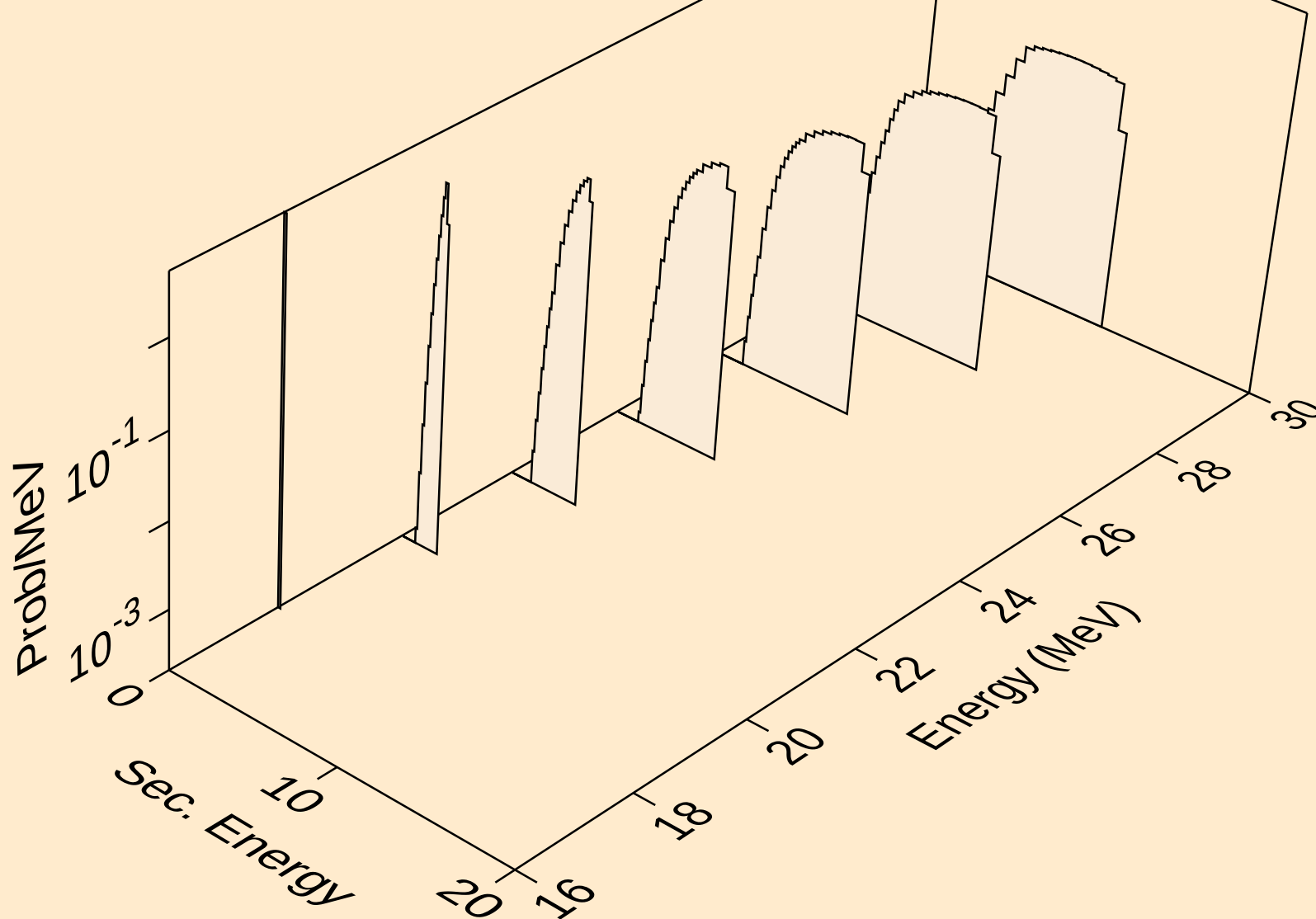
K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,d)



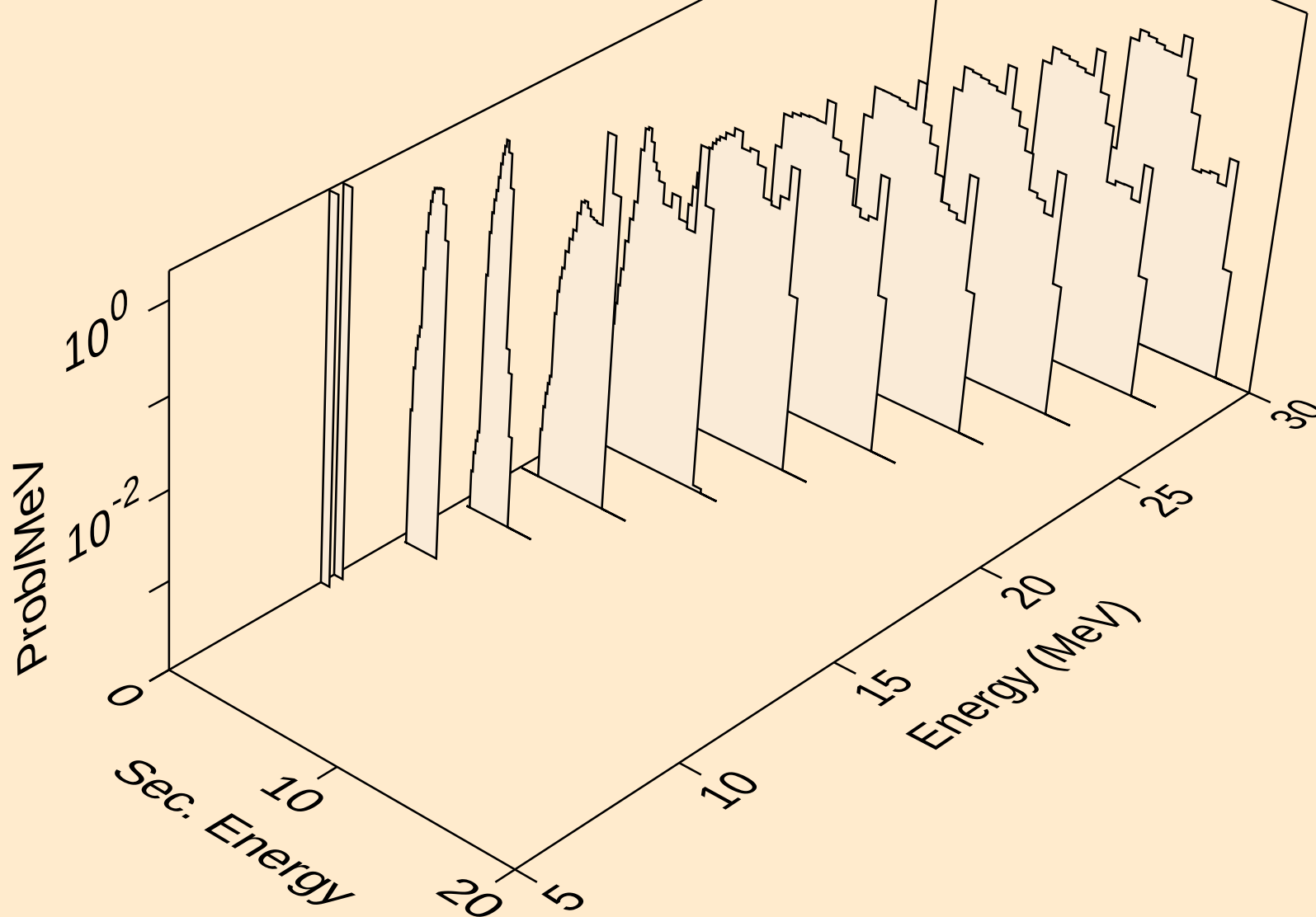
K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,x)



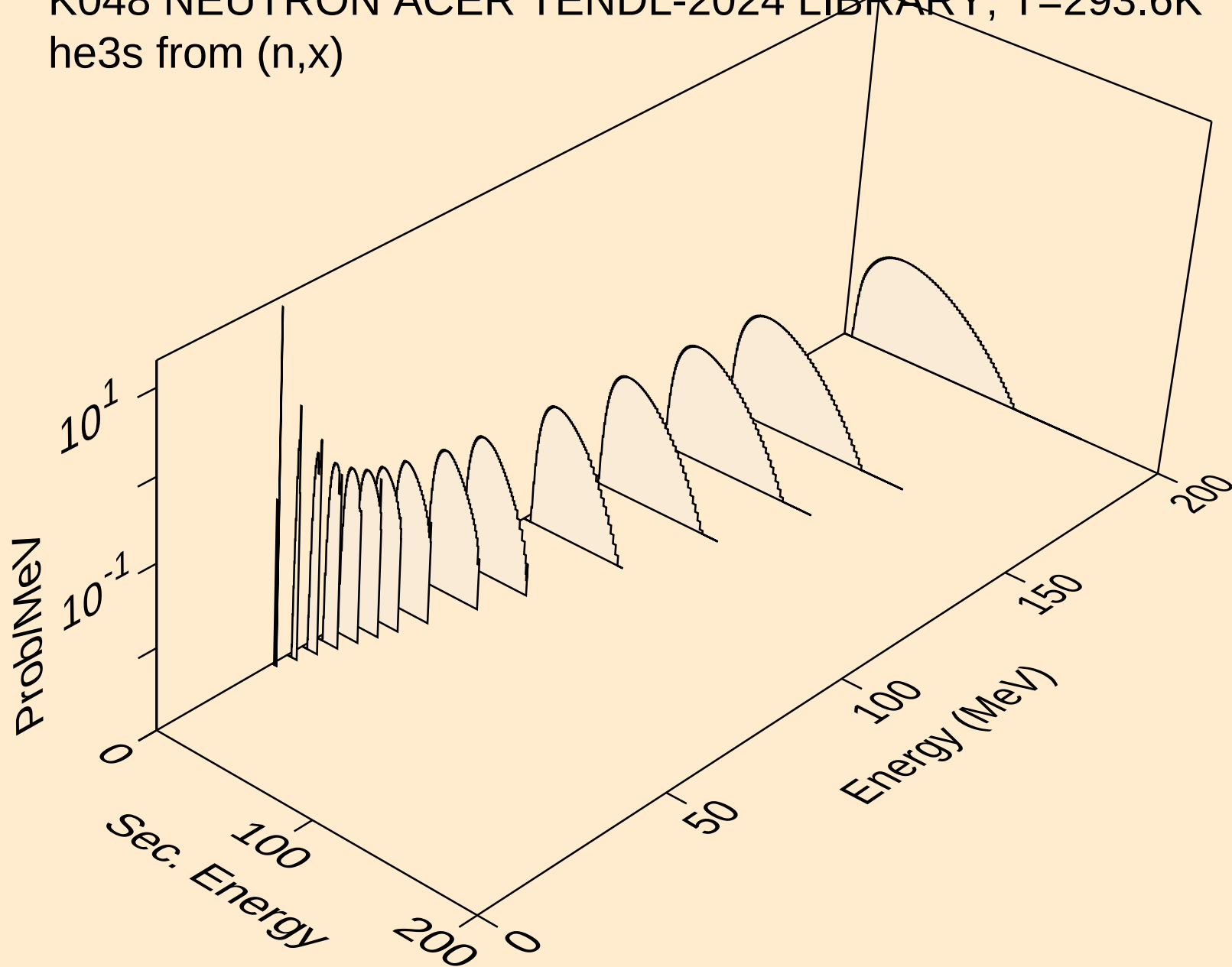
K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,n\*)t



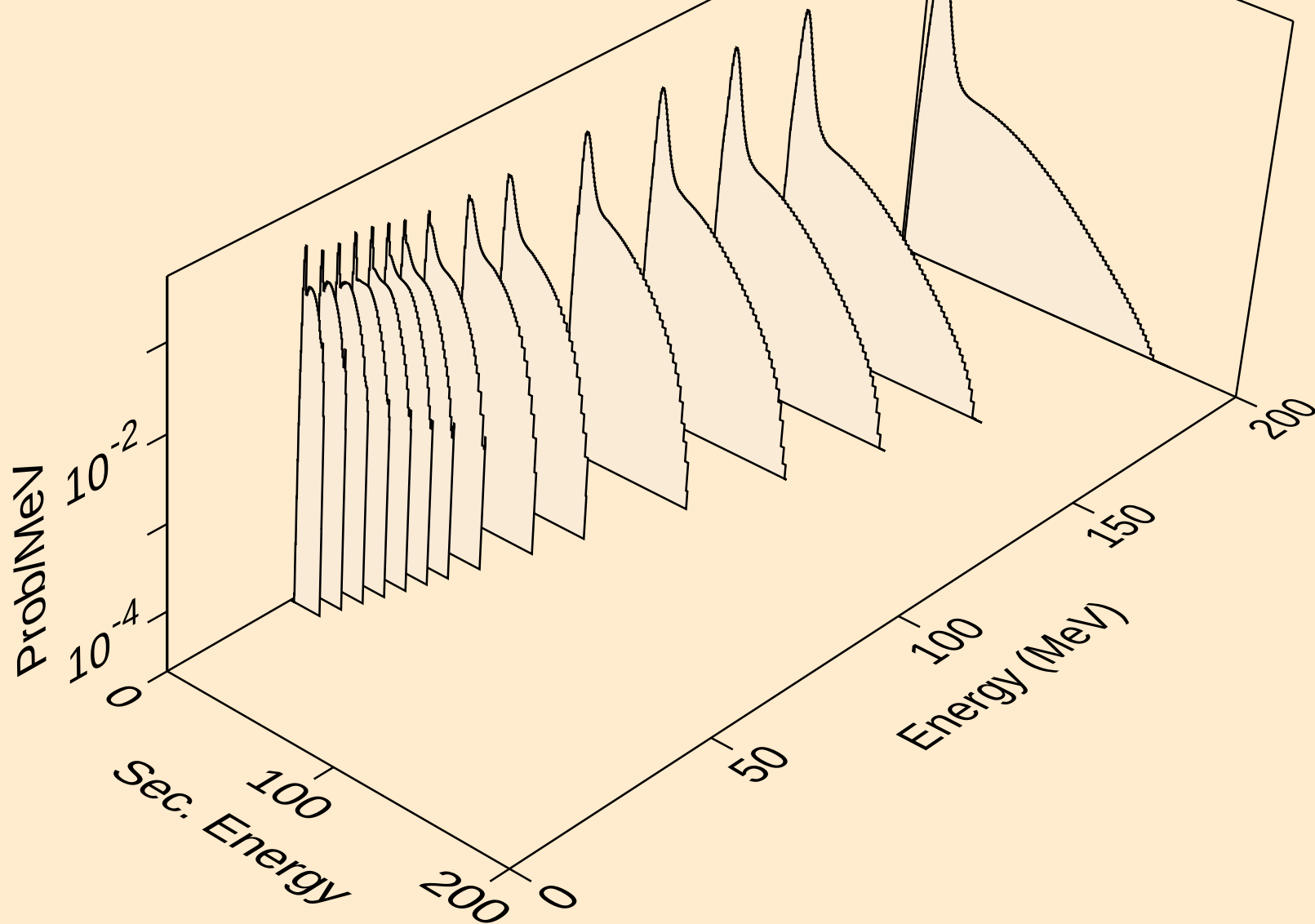
K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,t)



K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
he3s from (n,x)

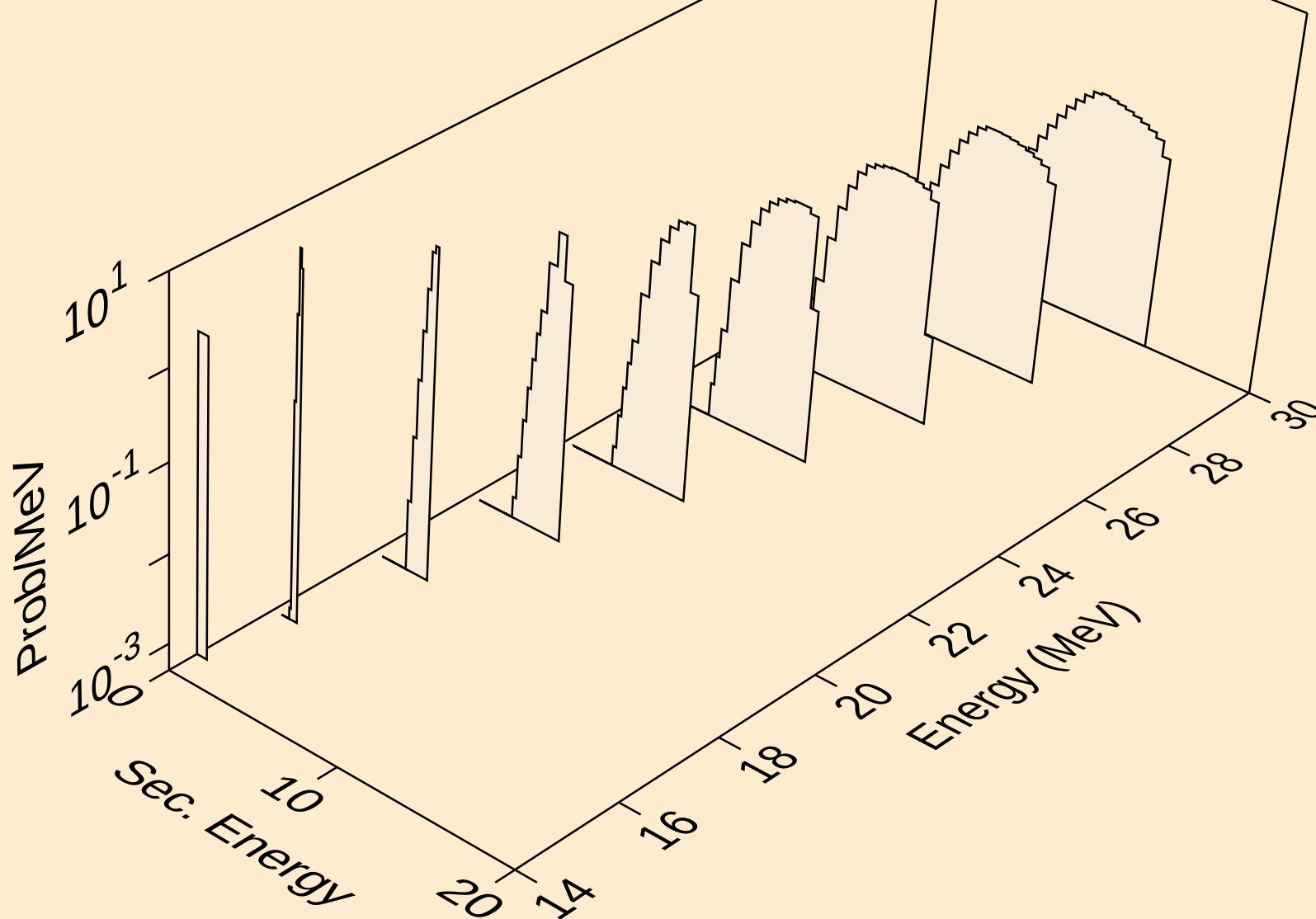


K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,x)

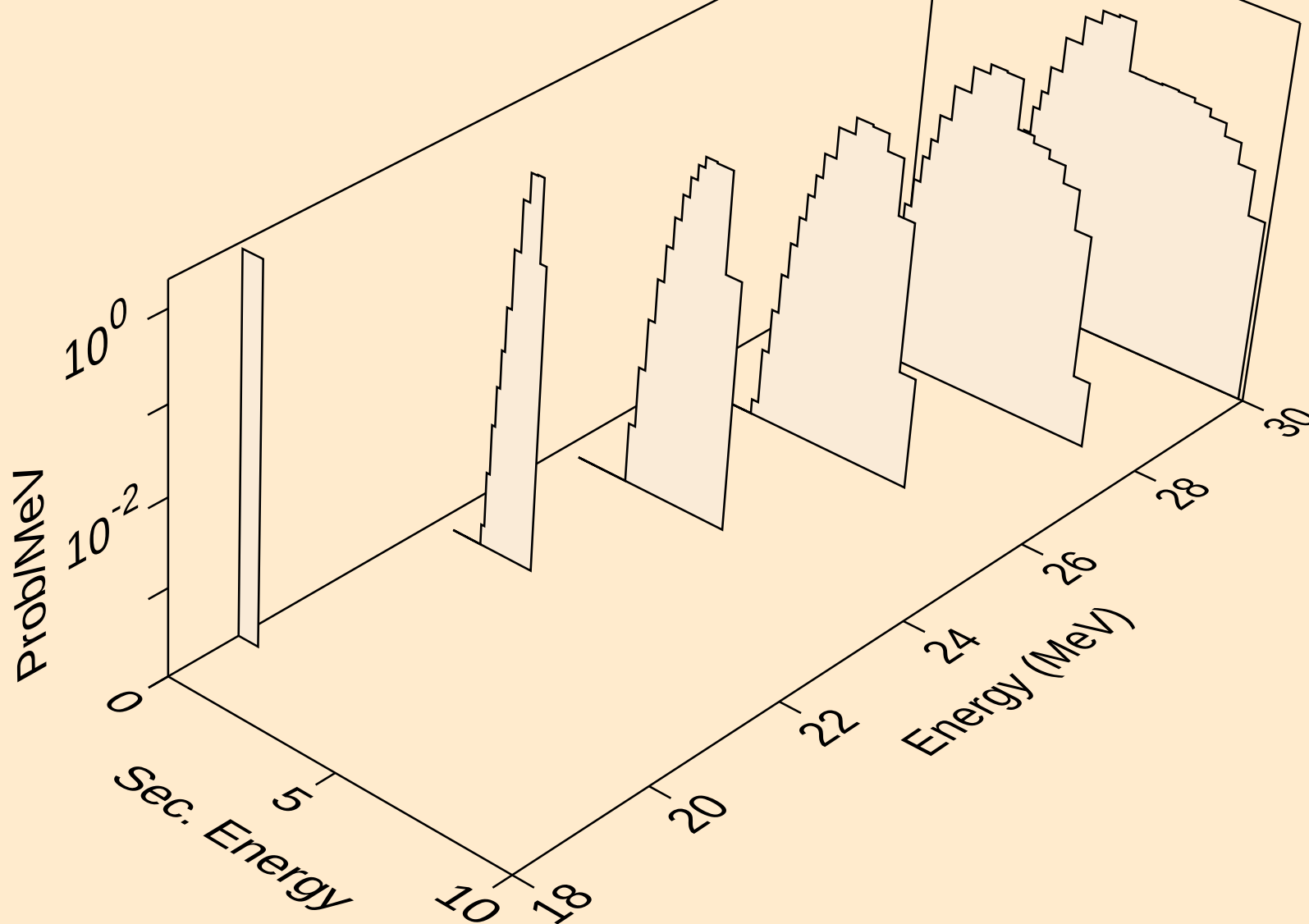




K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,n\*)a



K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,2n)a



K048 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,a)

