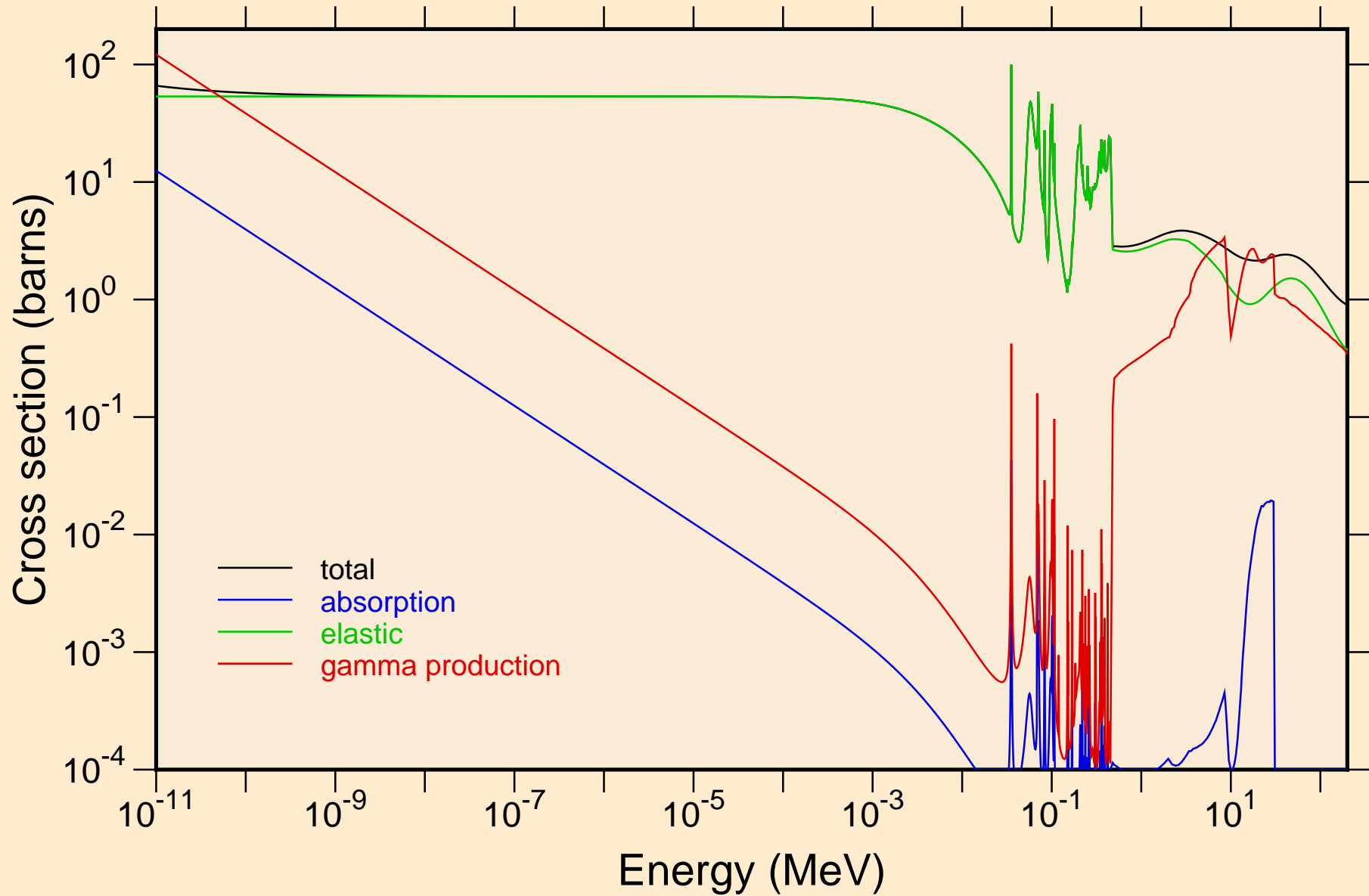
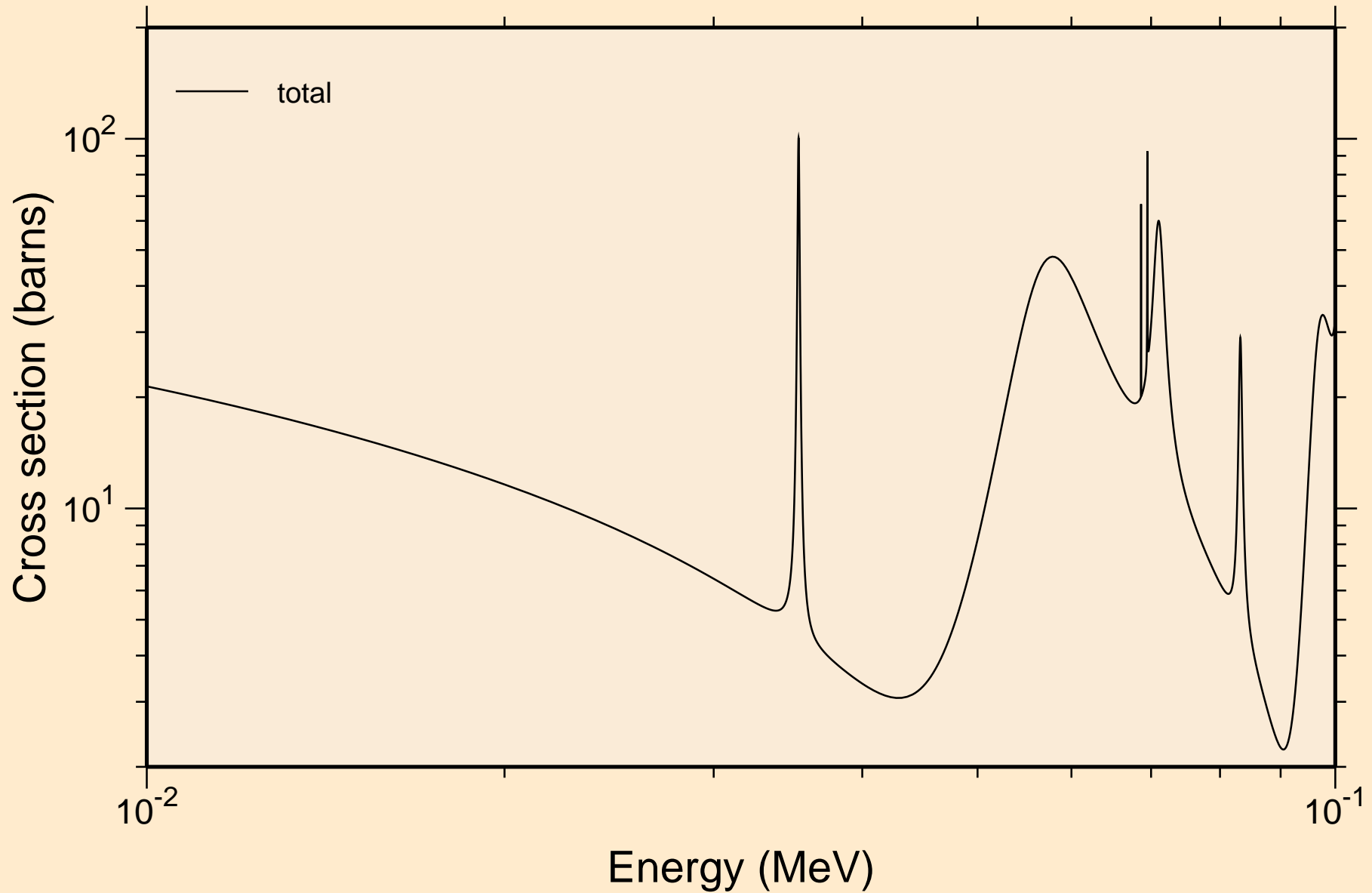


# K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

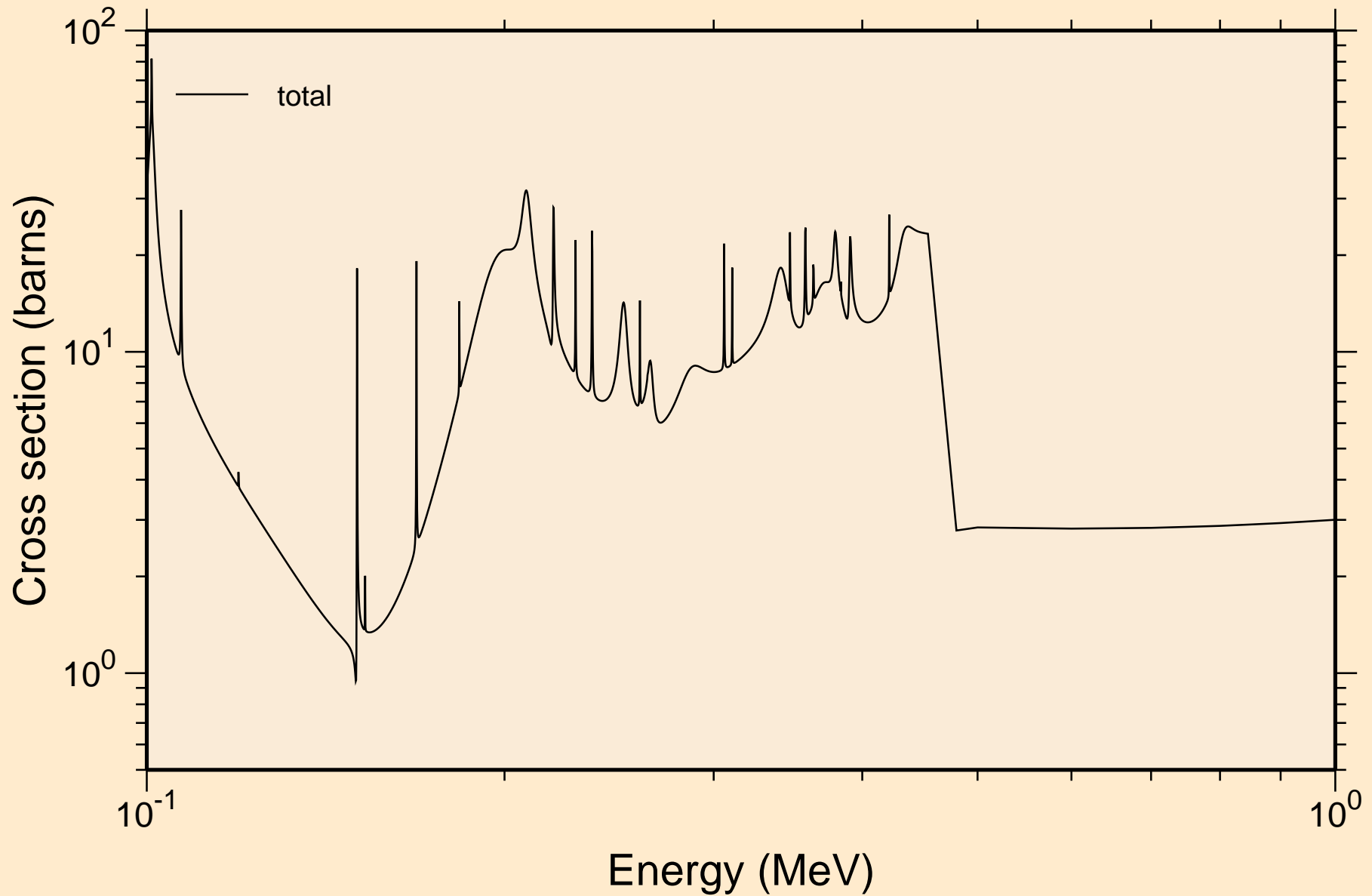
## Principal cross sections



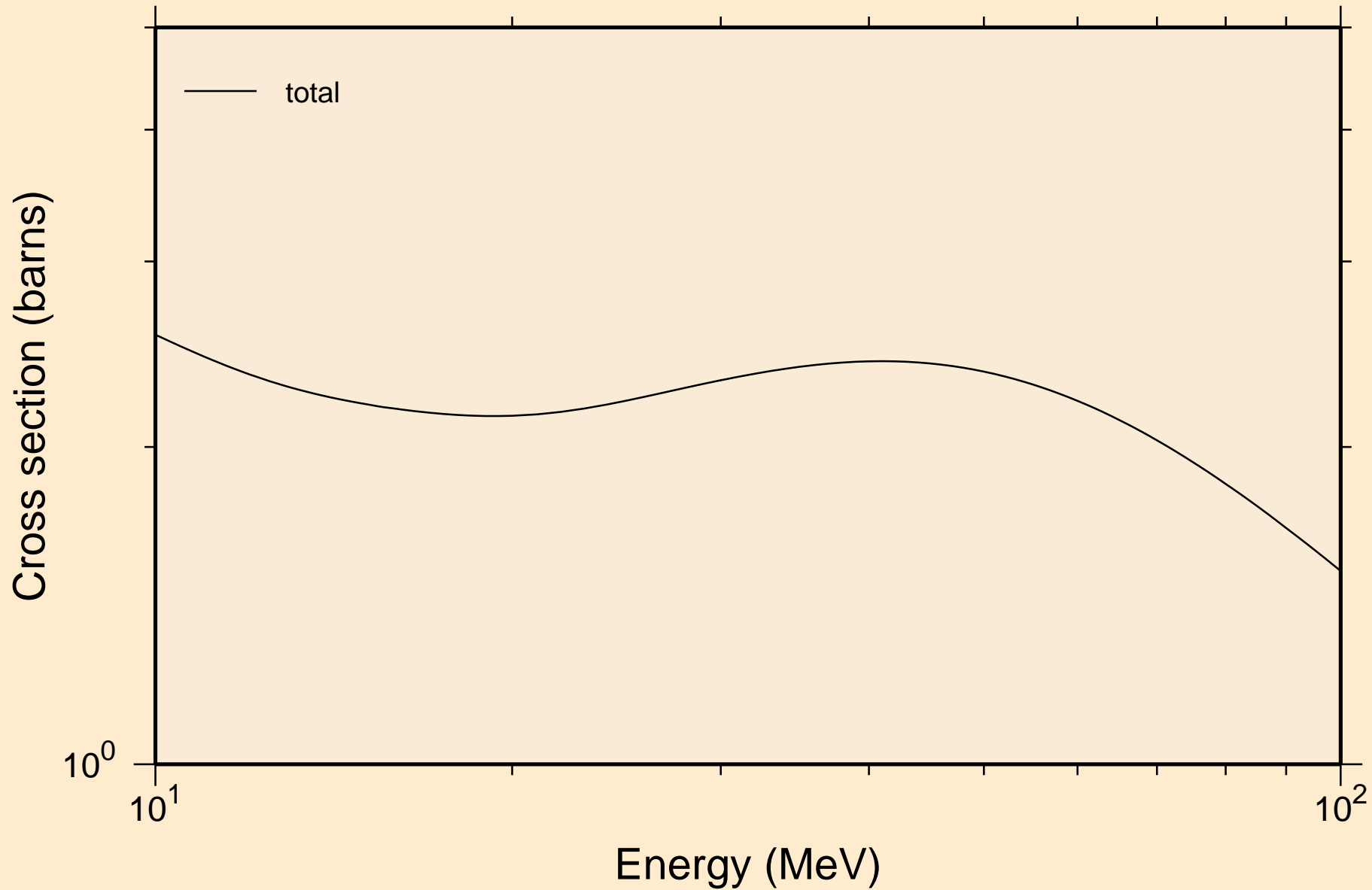
K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



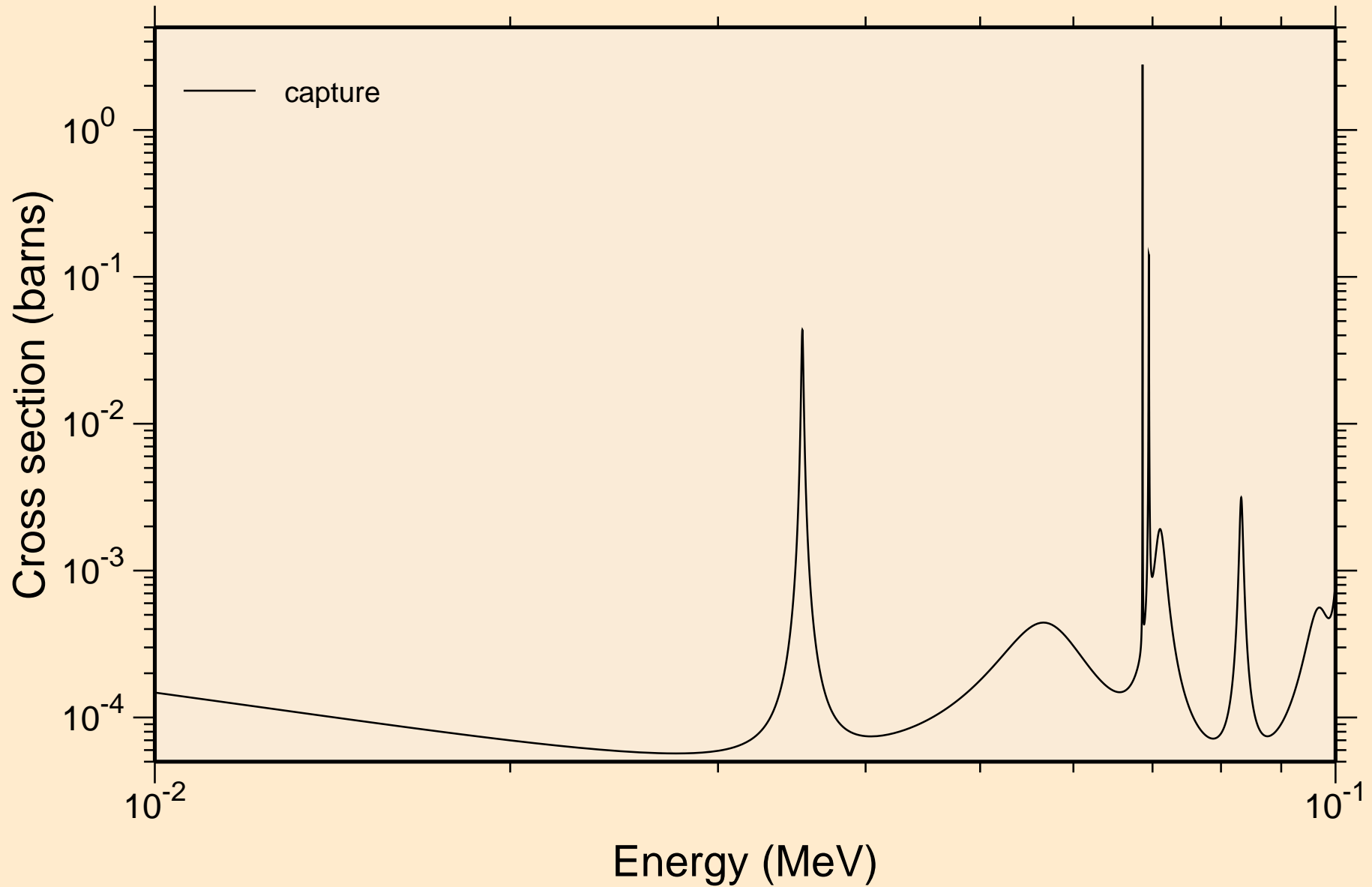
K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



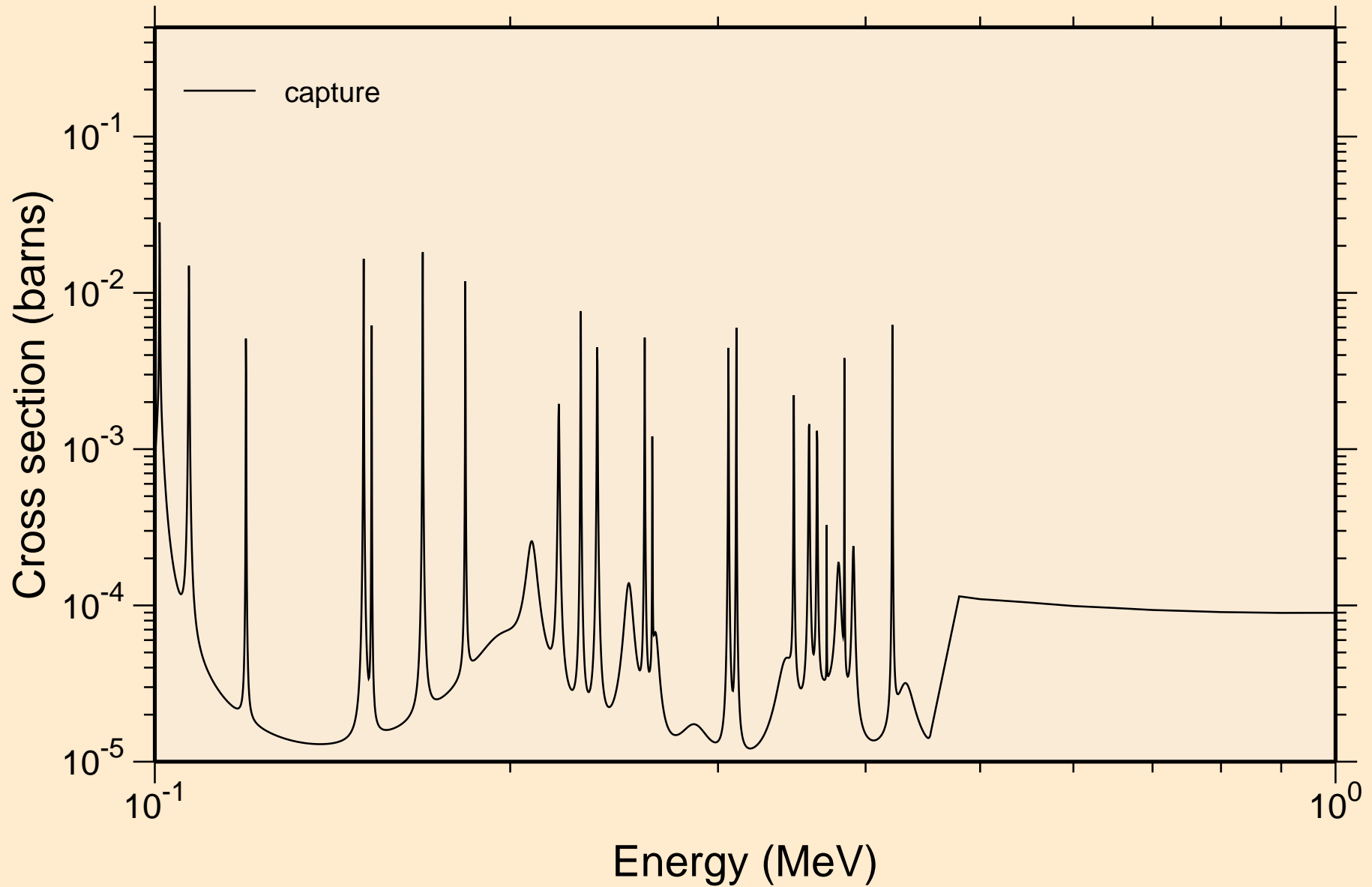
K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



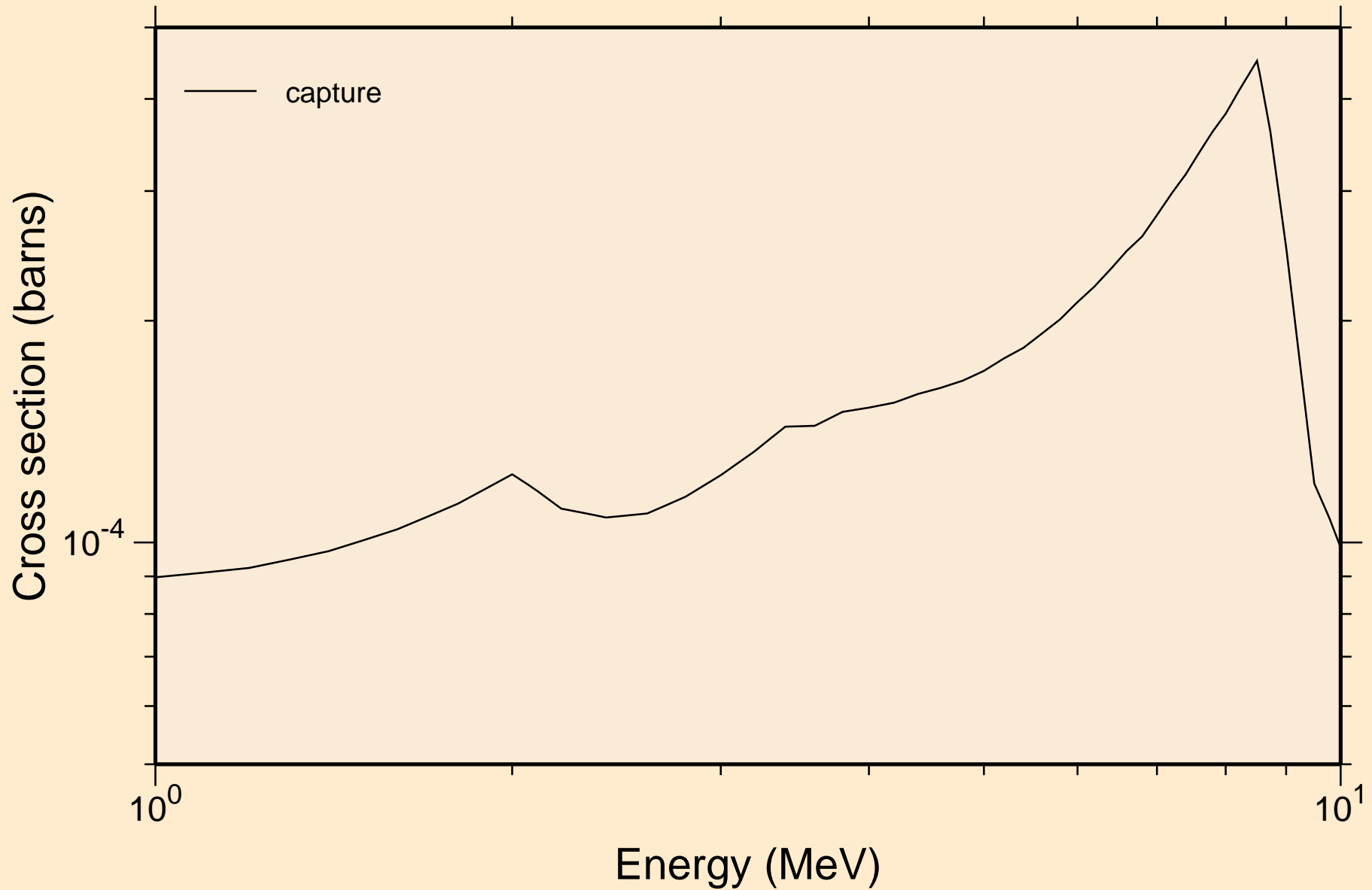
K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

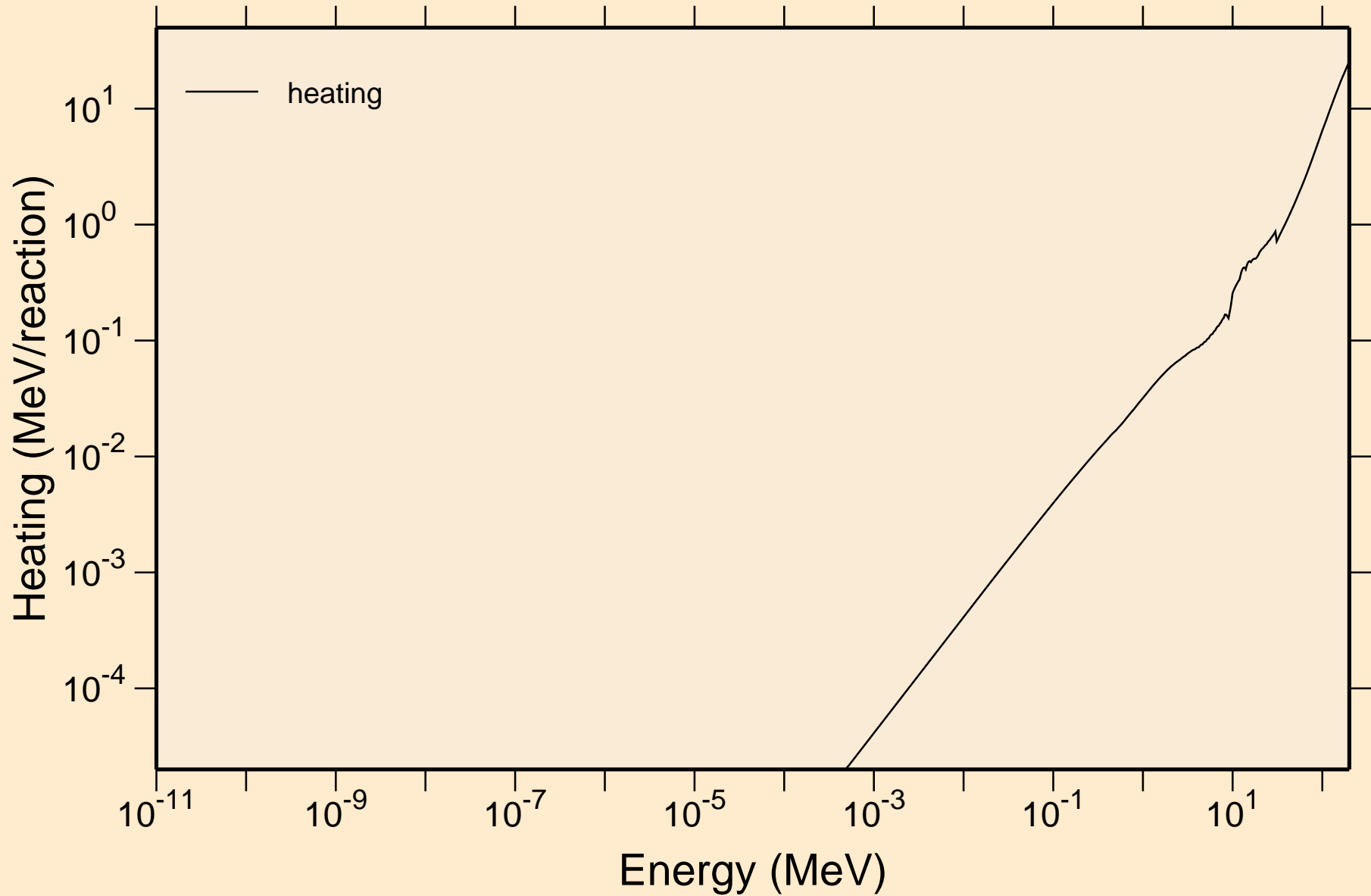


K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



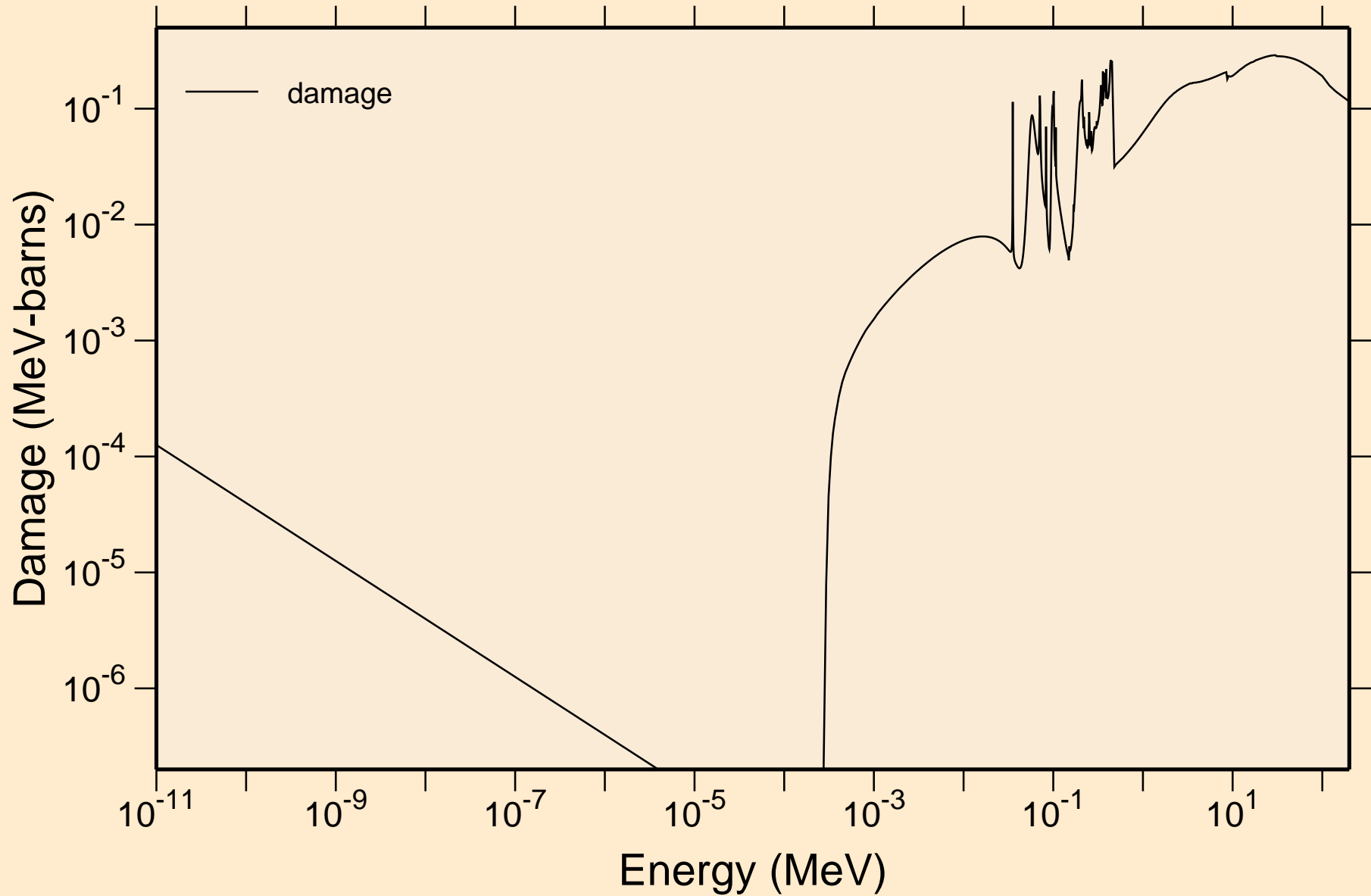
# K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating

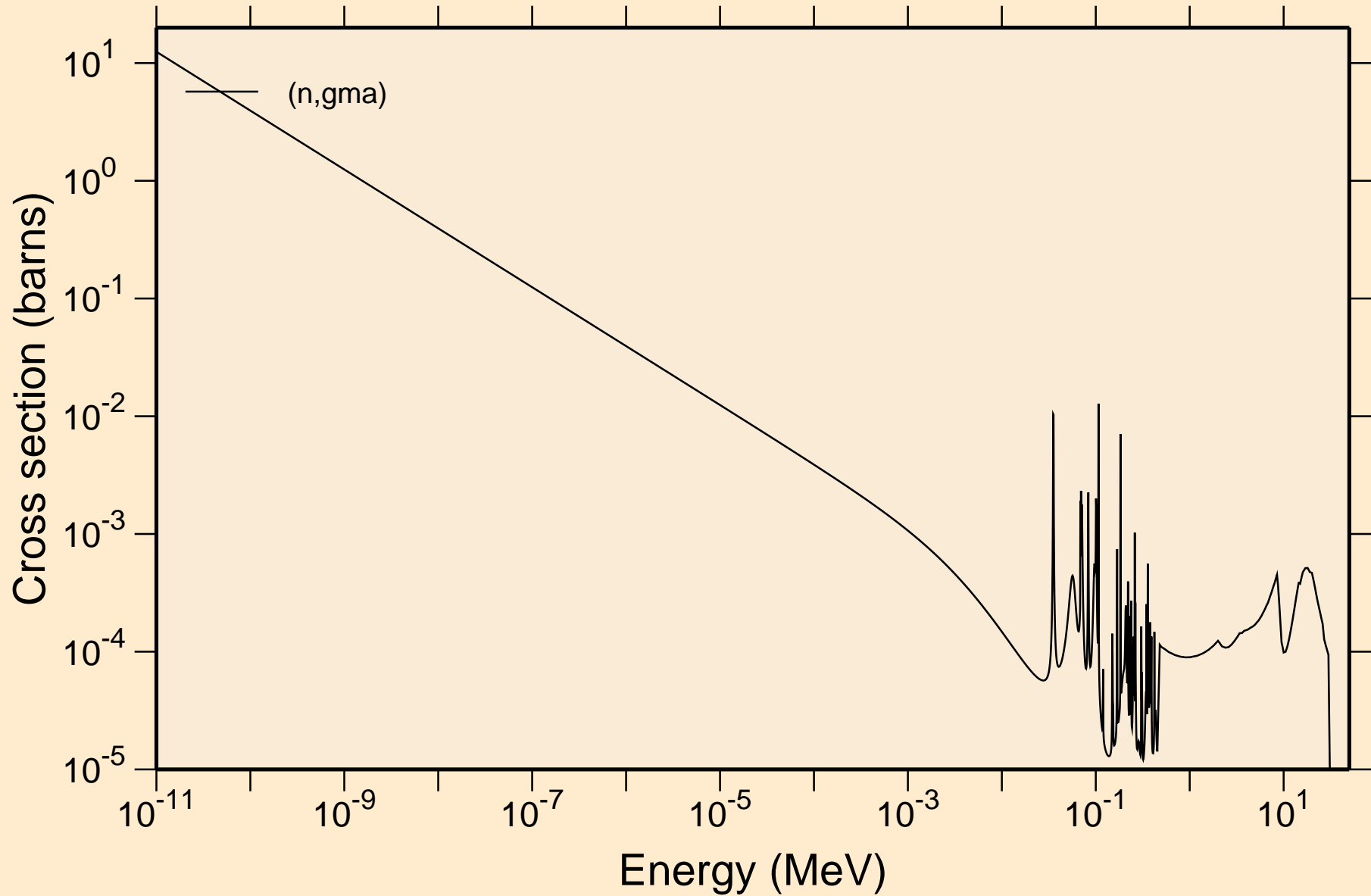




K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage

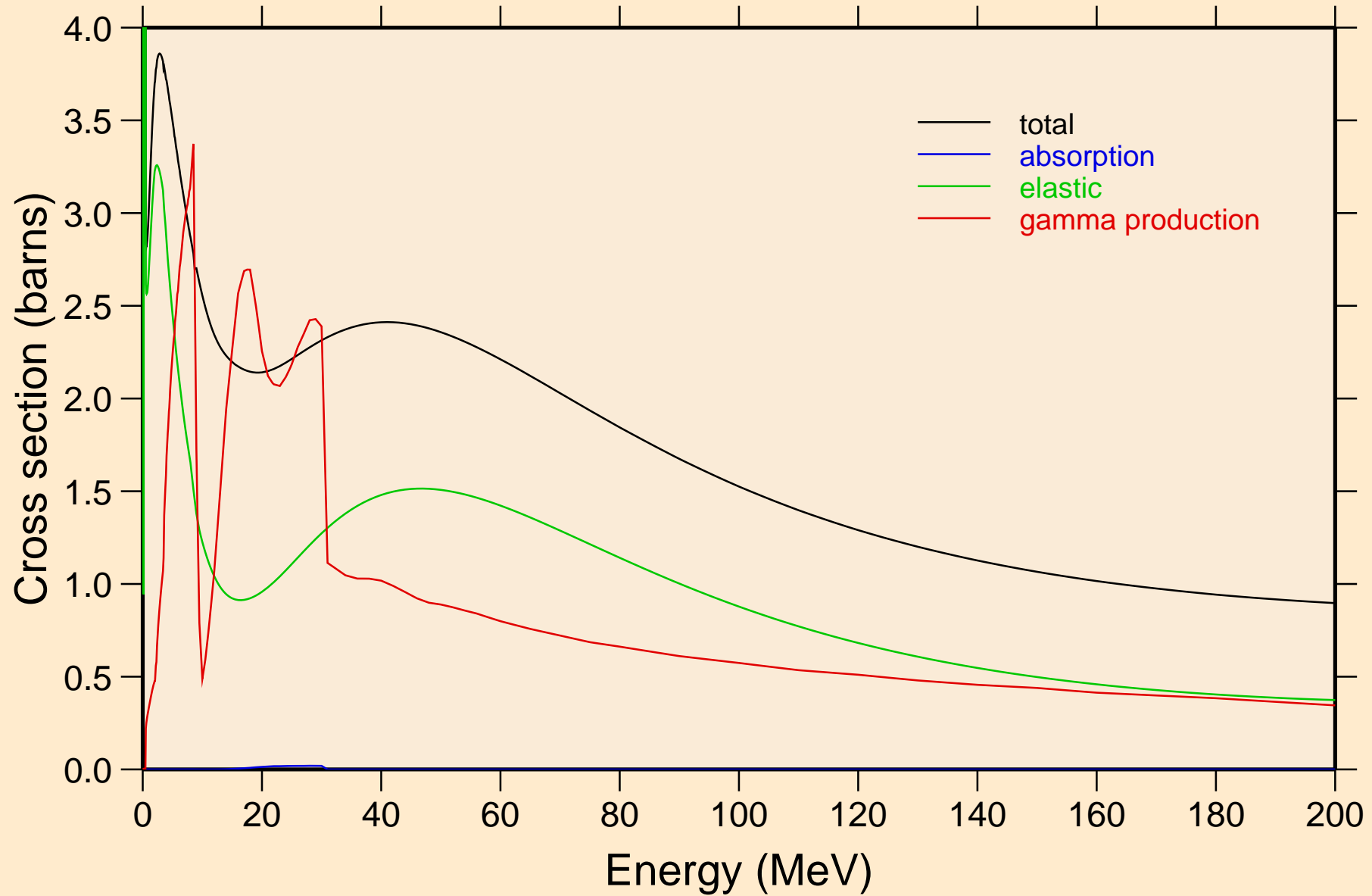


K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



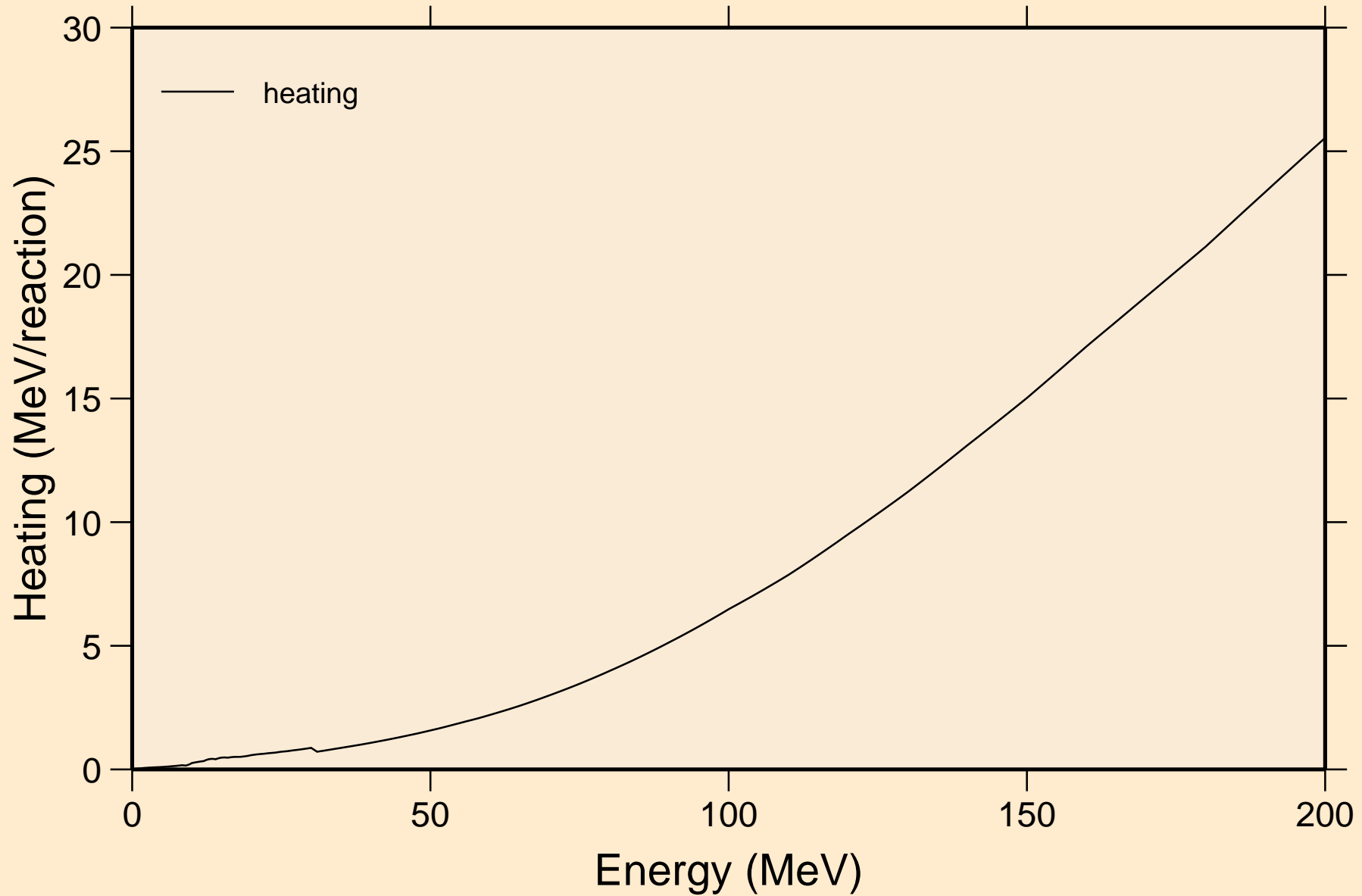
# K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



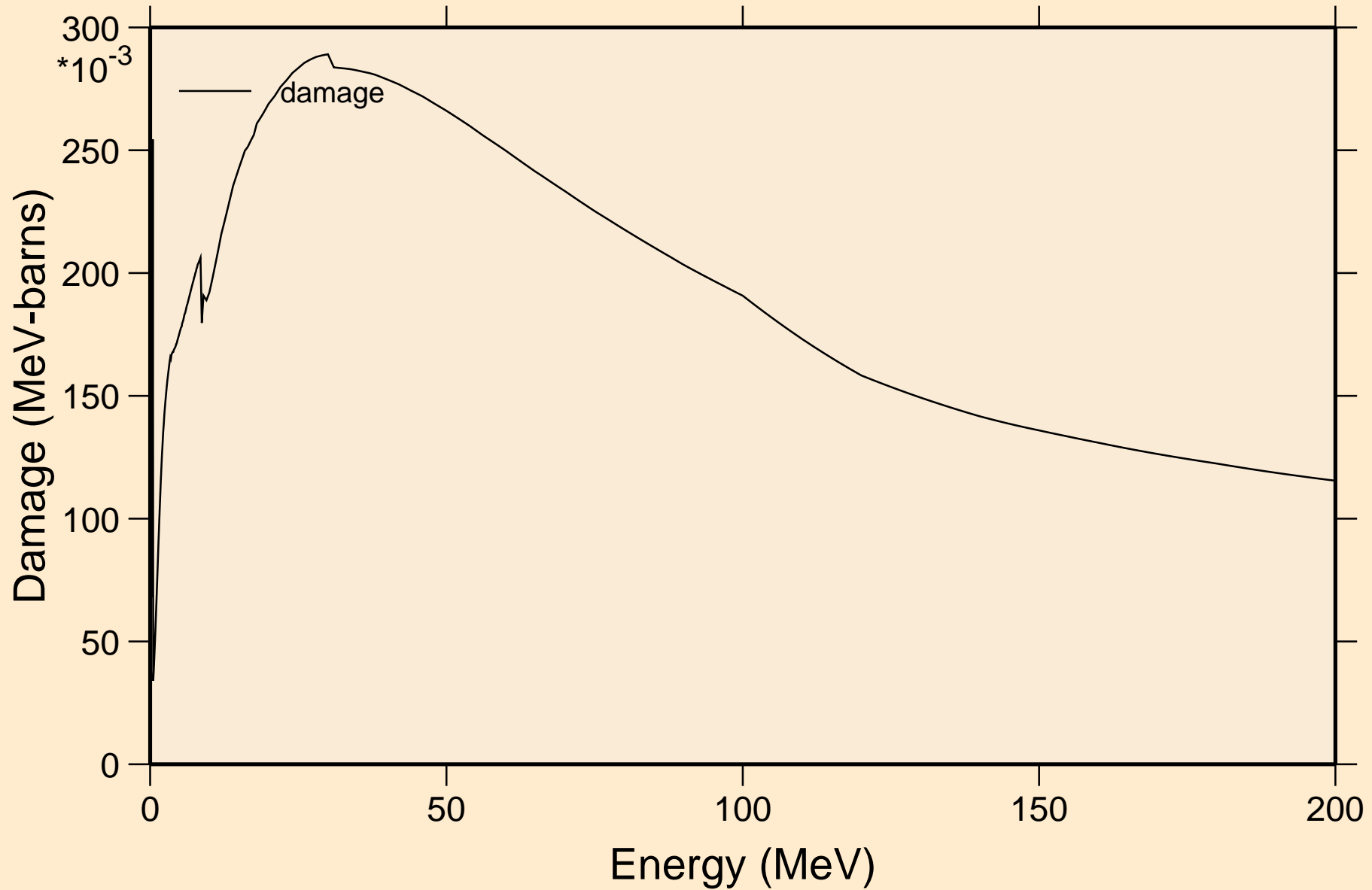
# K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating

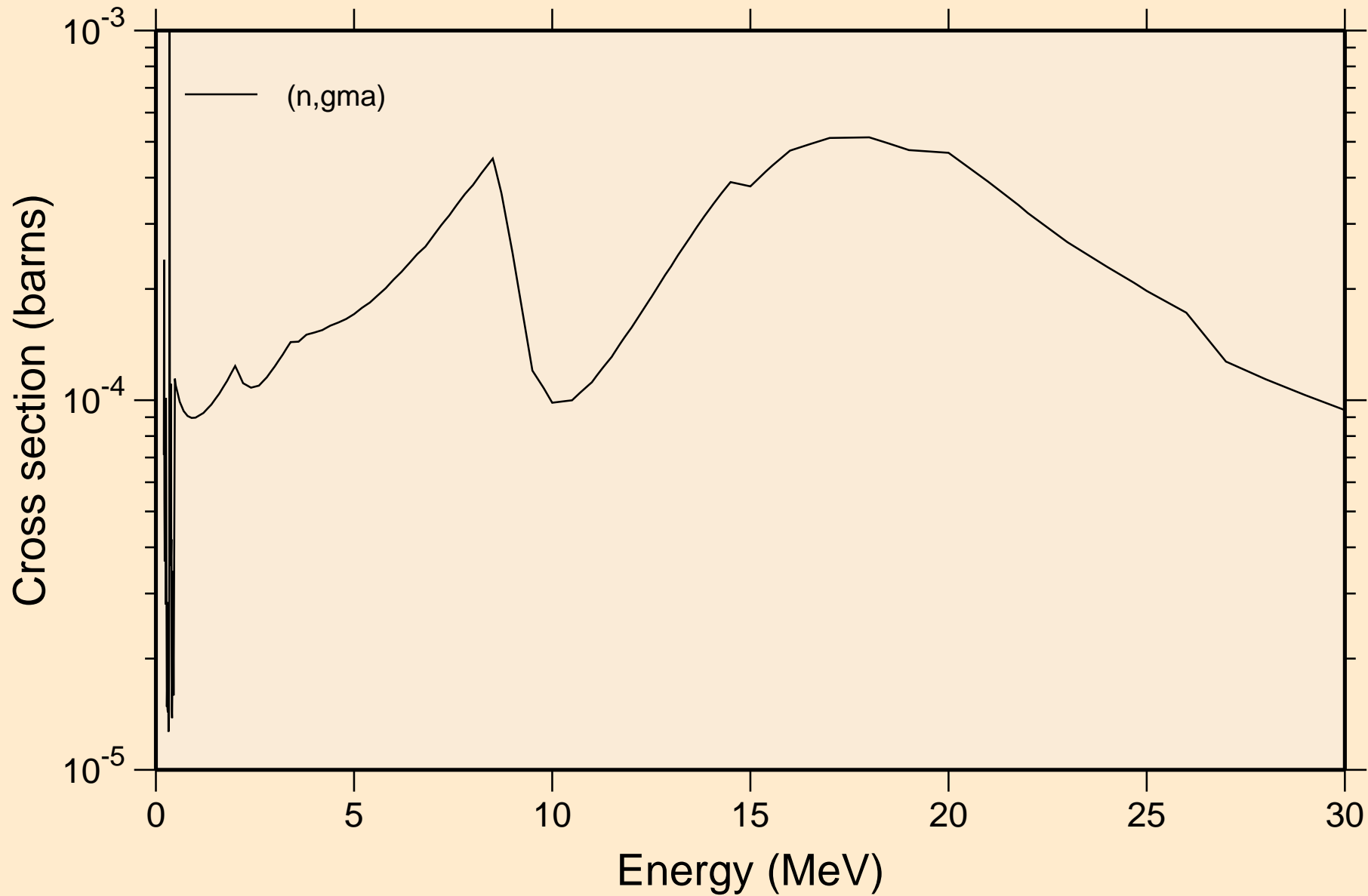


# K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

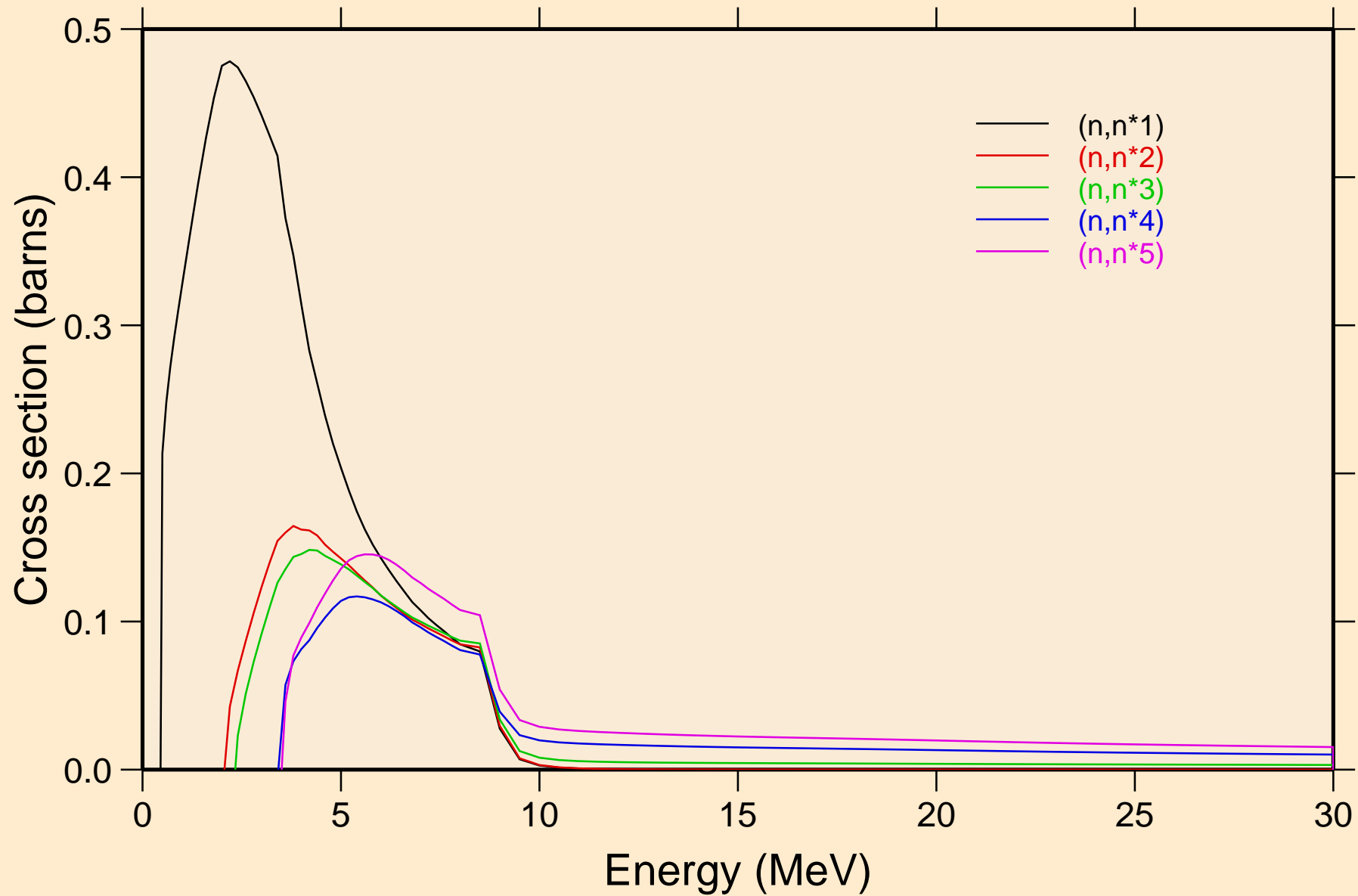
## Damage



K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

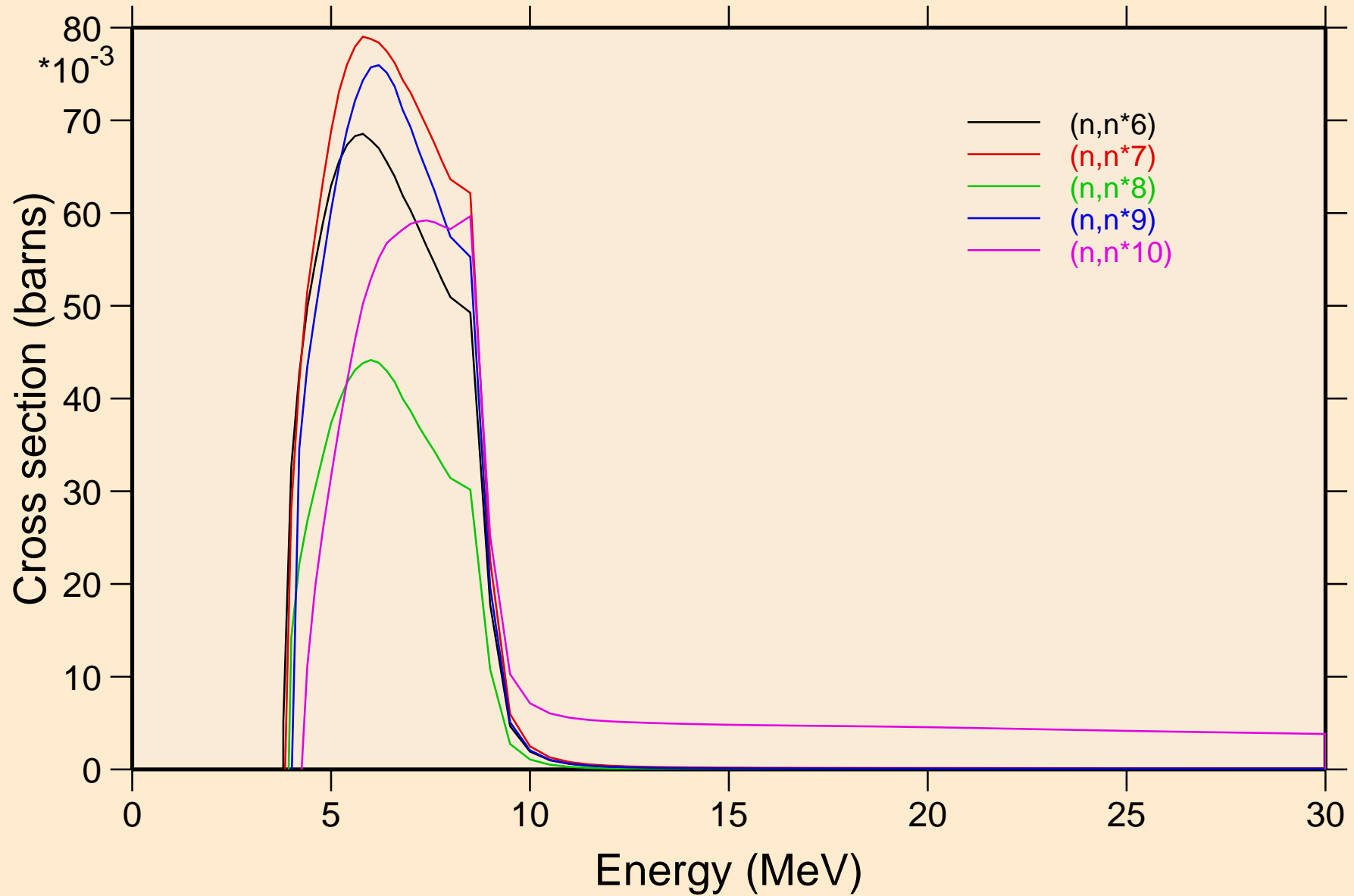


K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



# K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

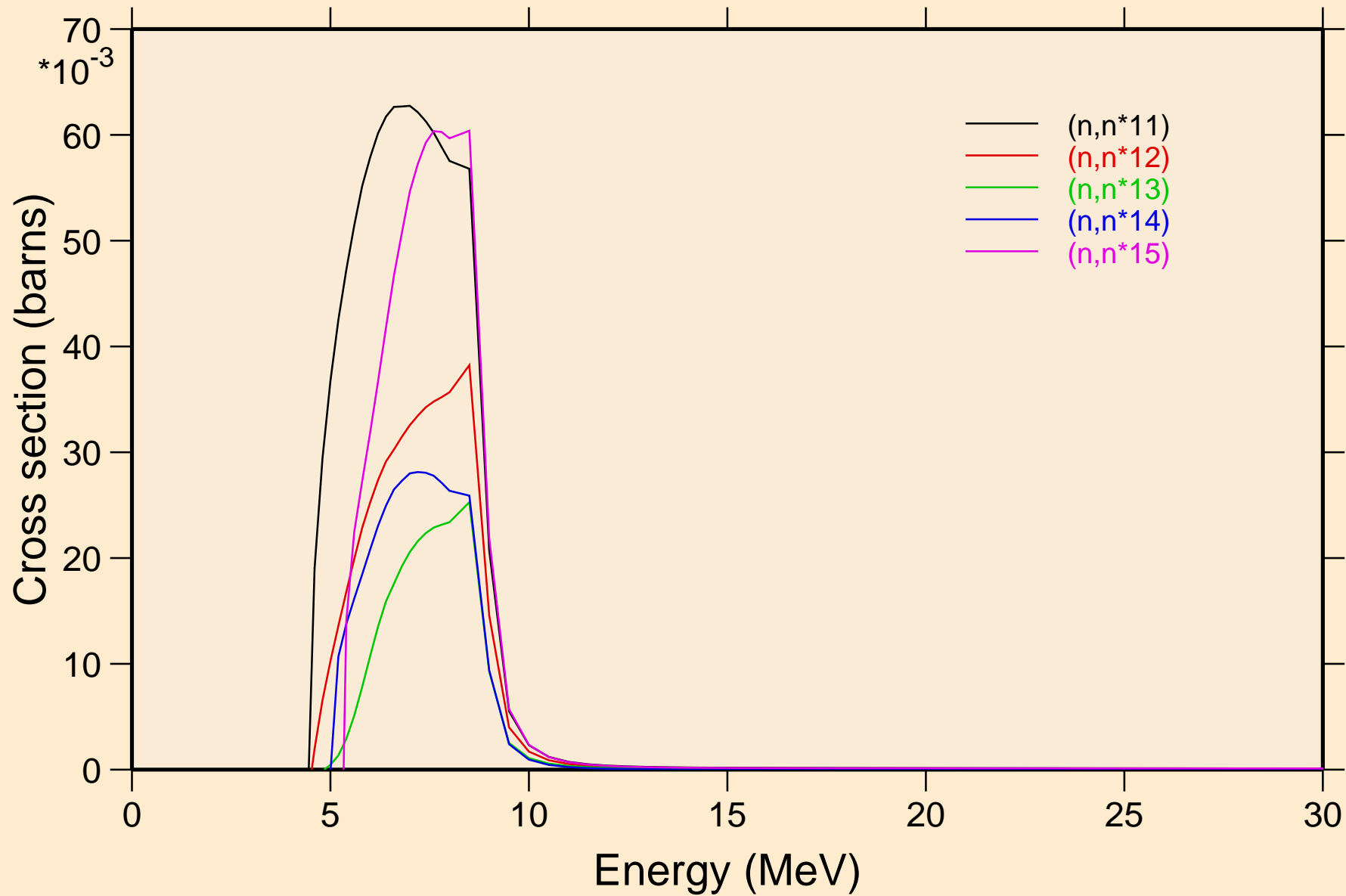
## Inelastic levels





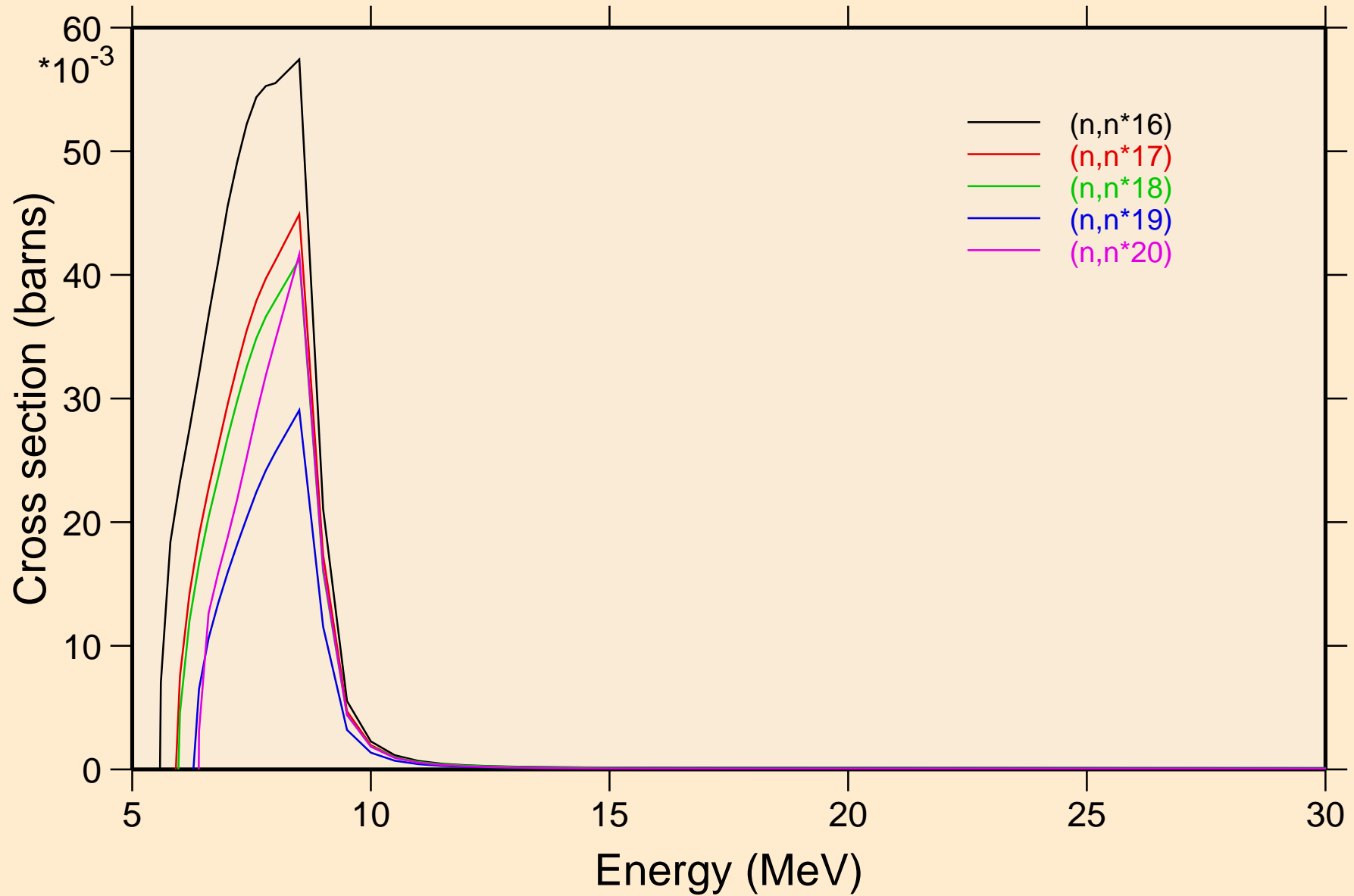
# K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels

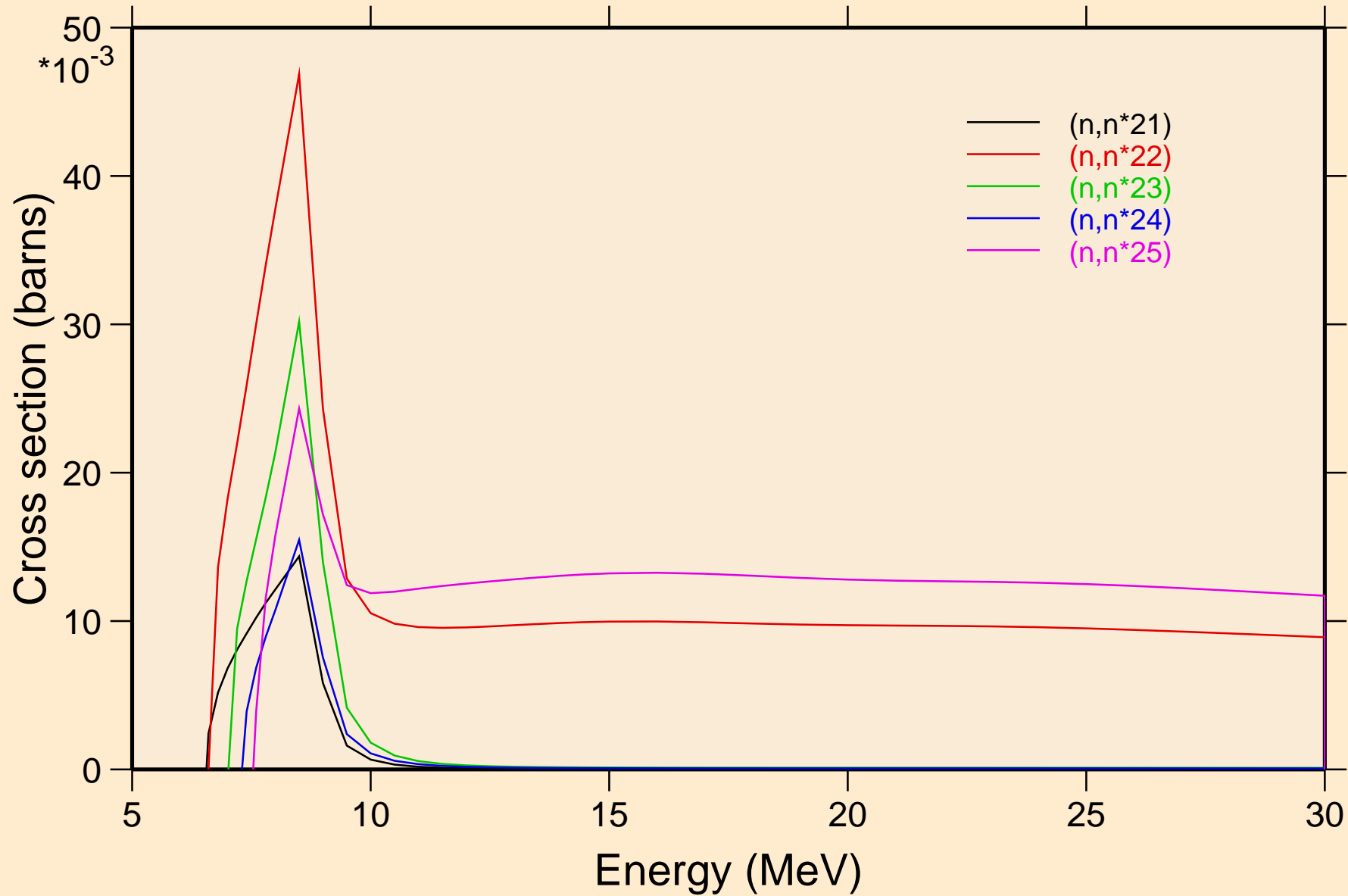


# K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

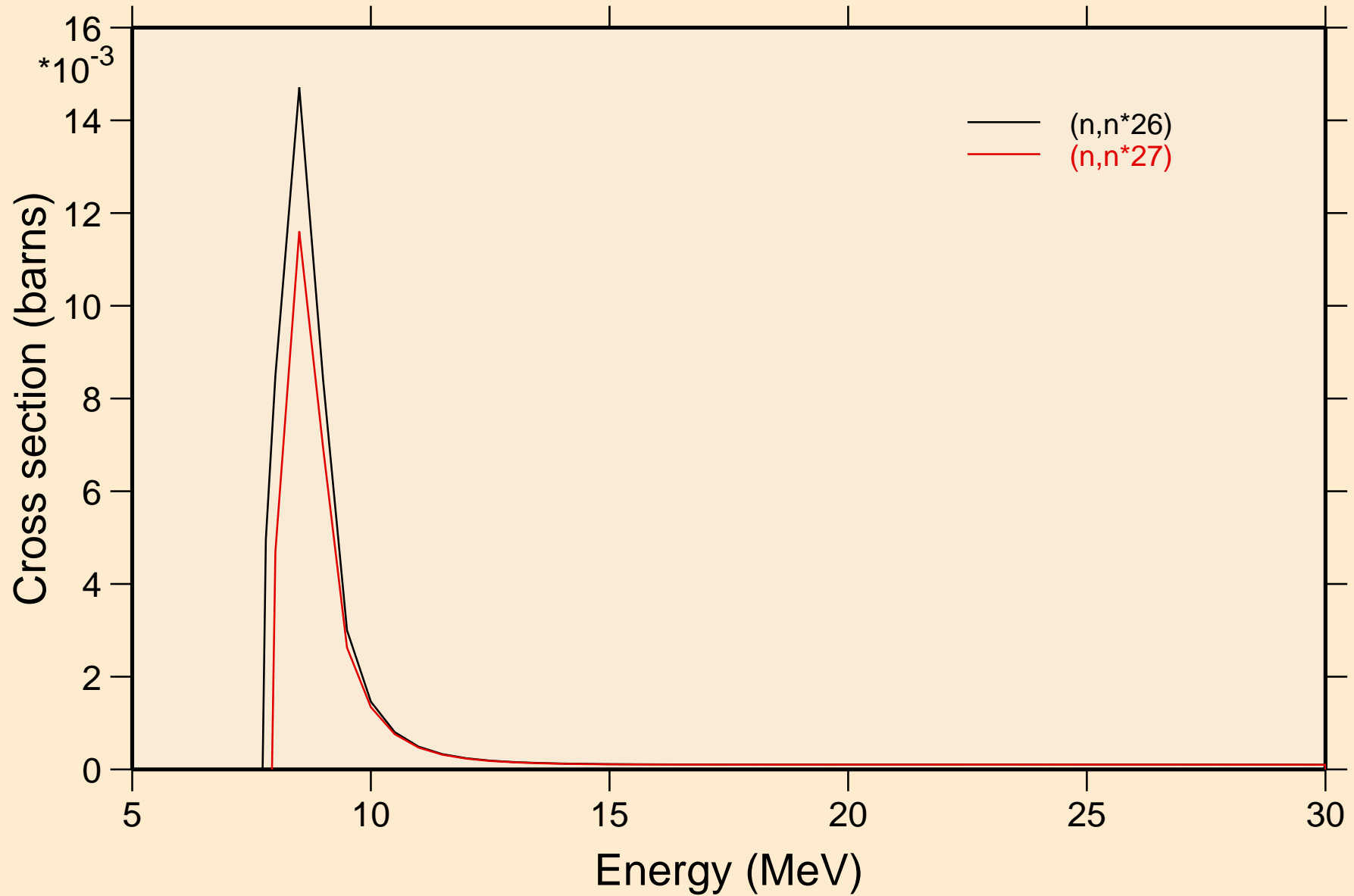
## Inelastic levels



K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

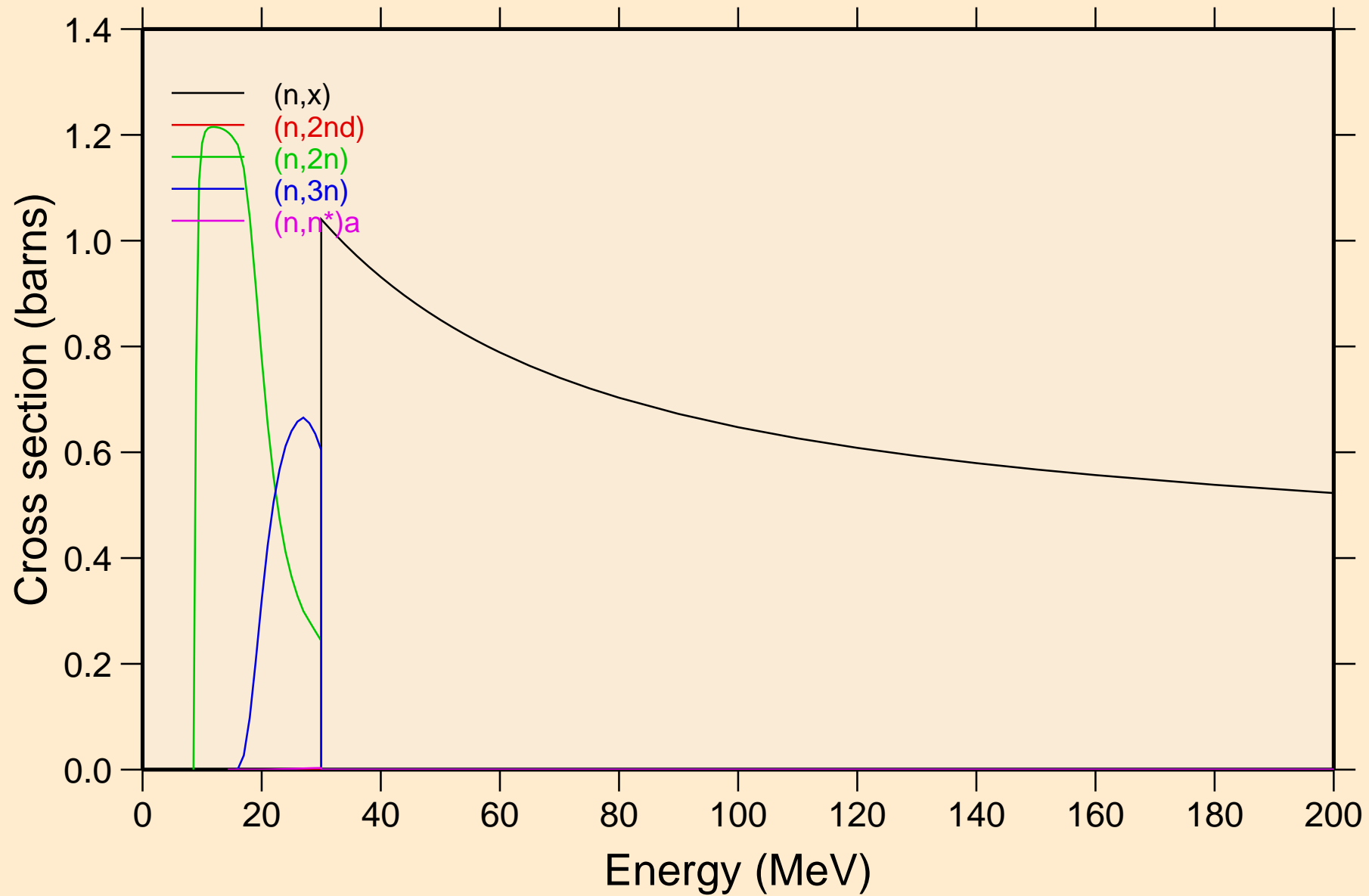


K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



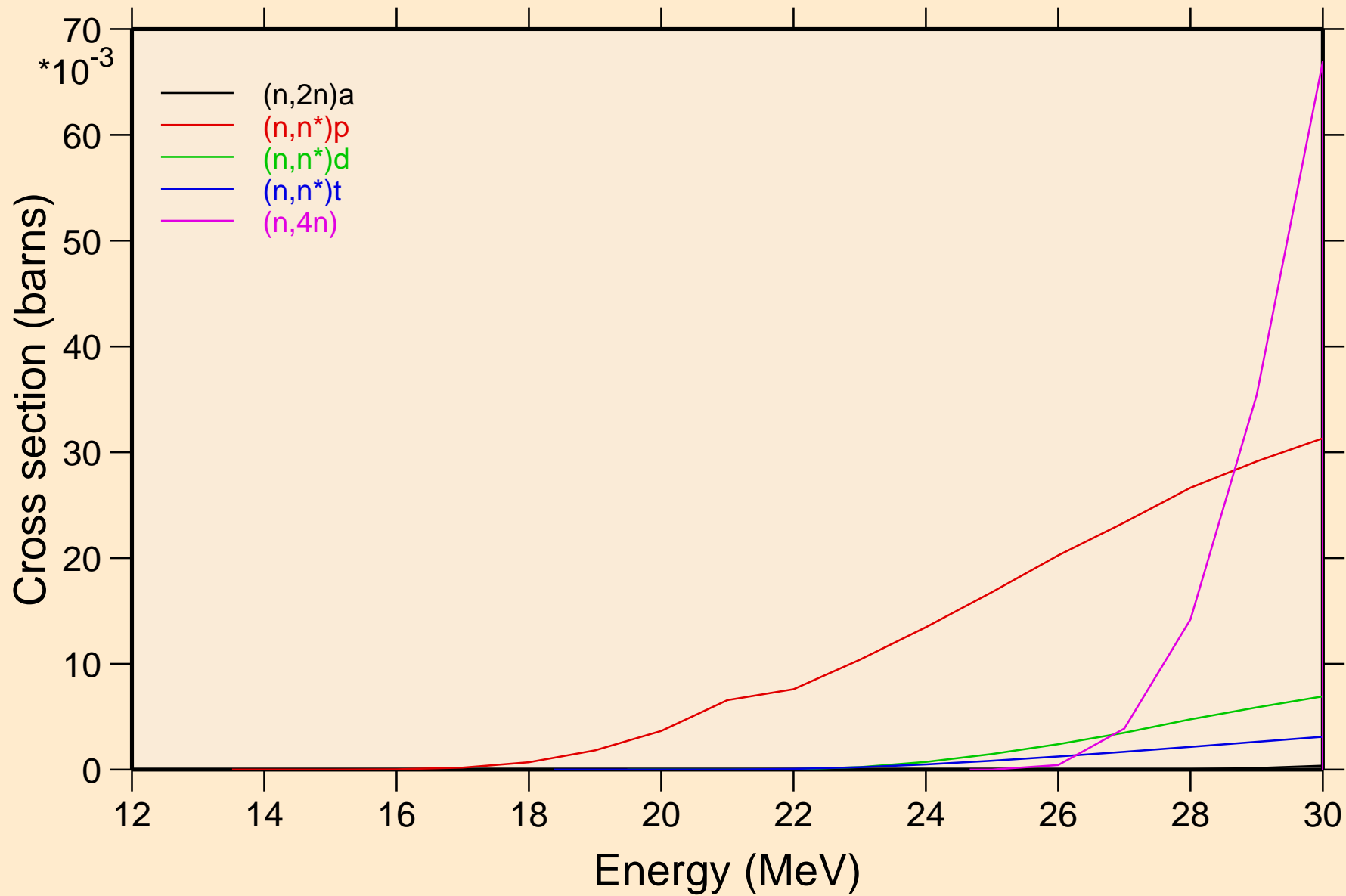
# K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

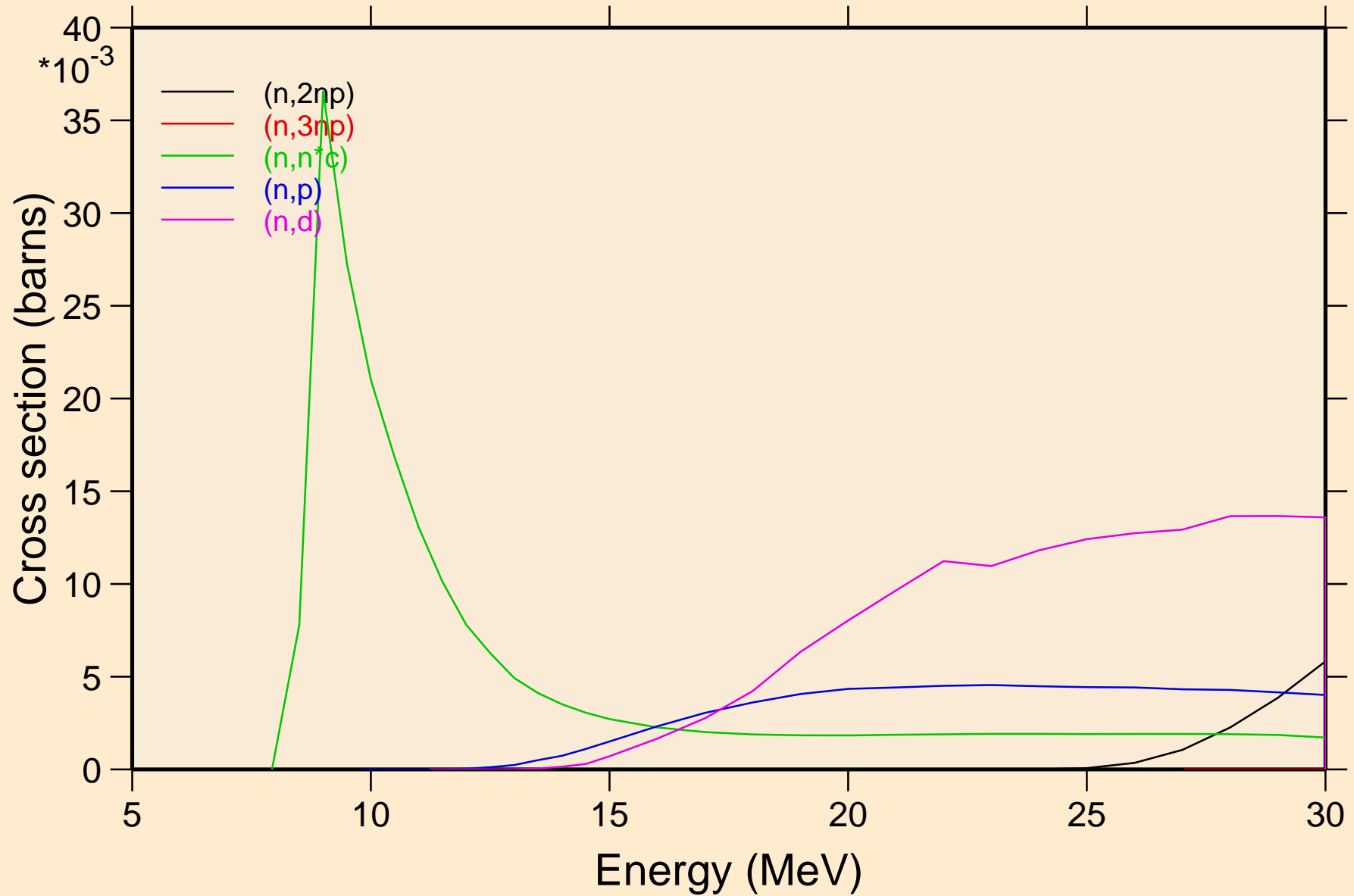


# K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

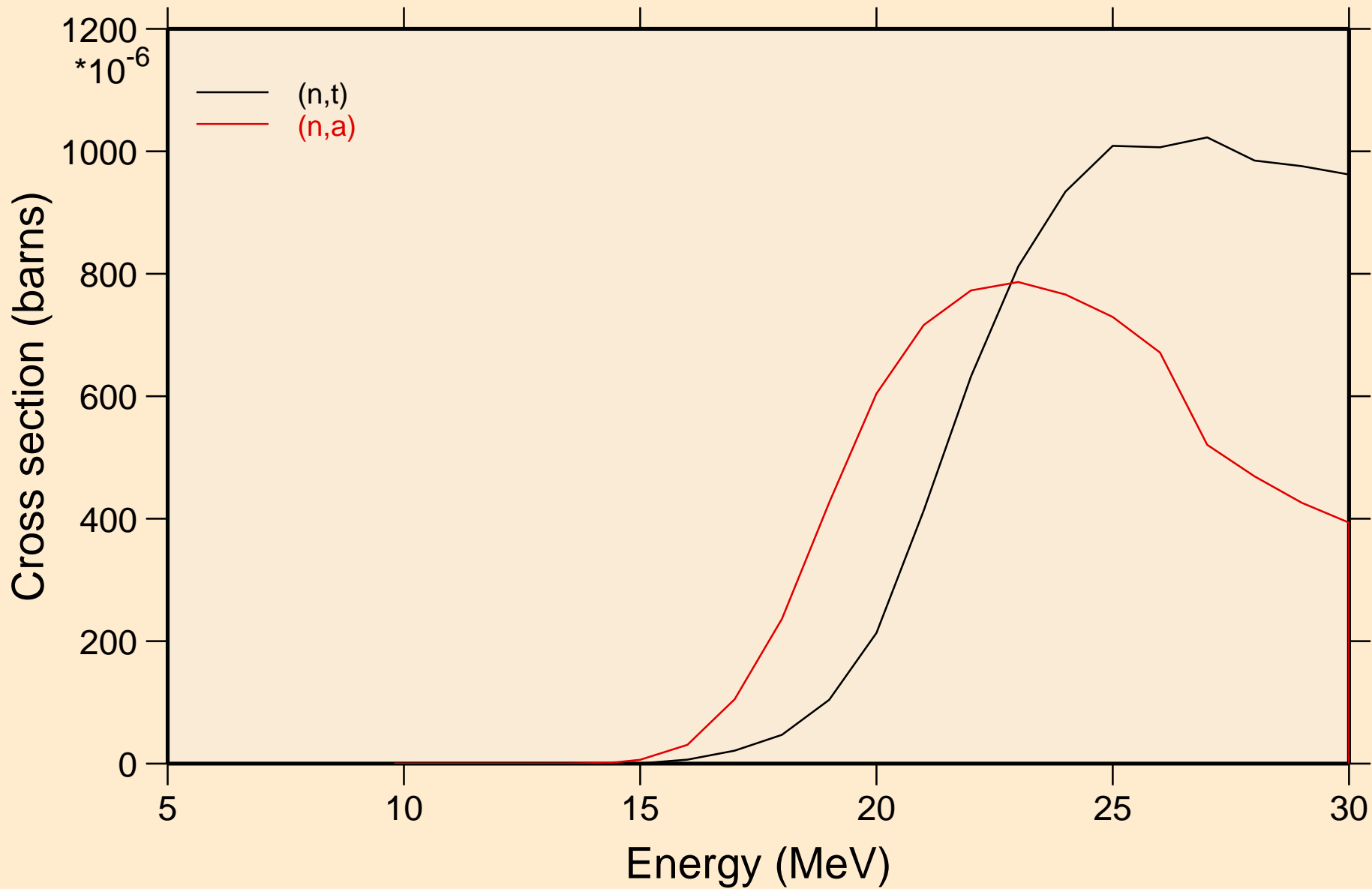


K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



# K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

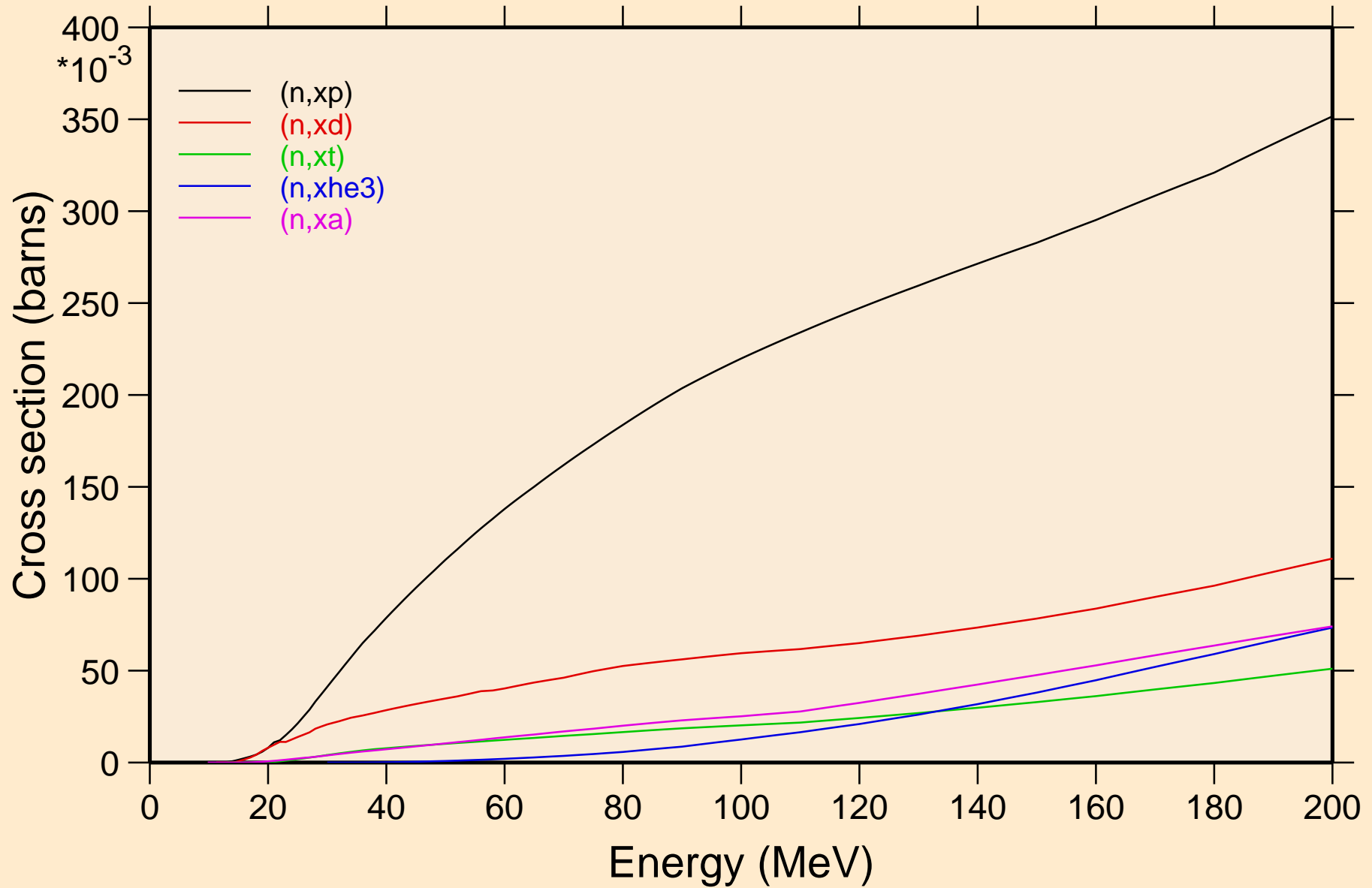
## Threshold reactions



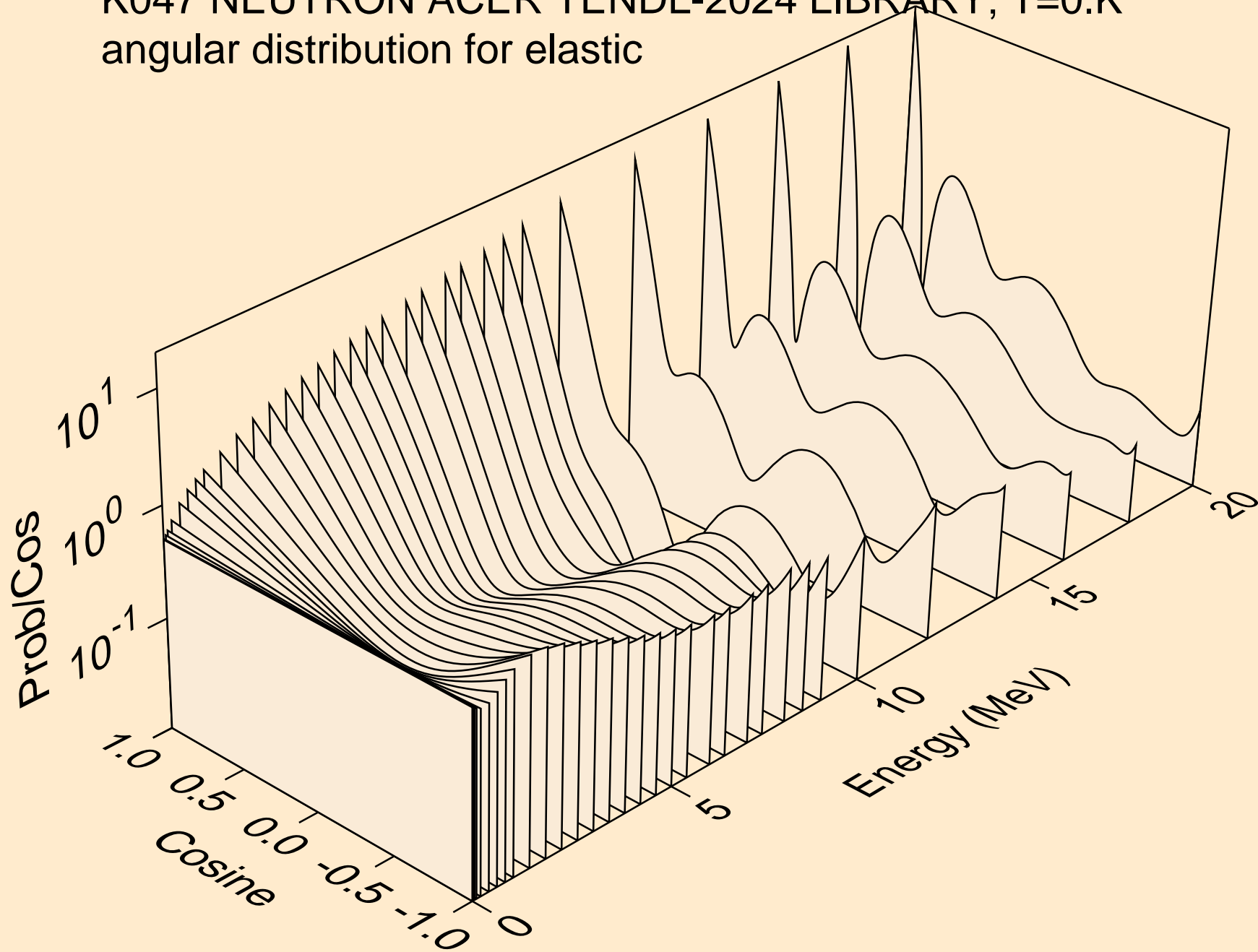


# K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

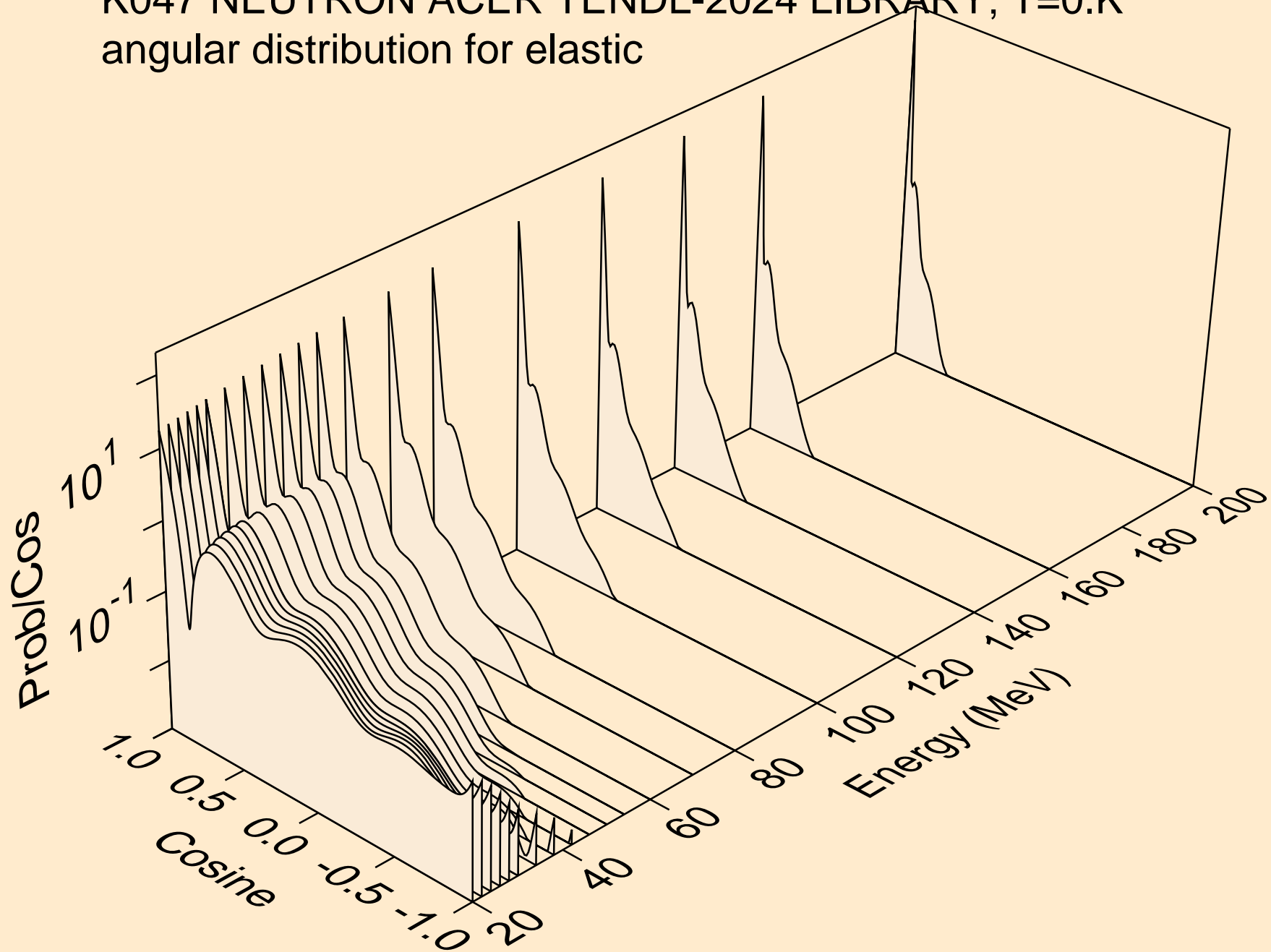
## Threshold reactions



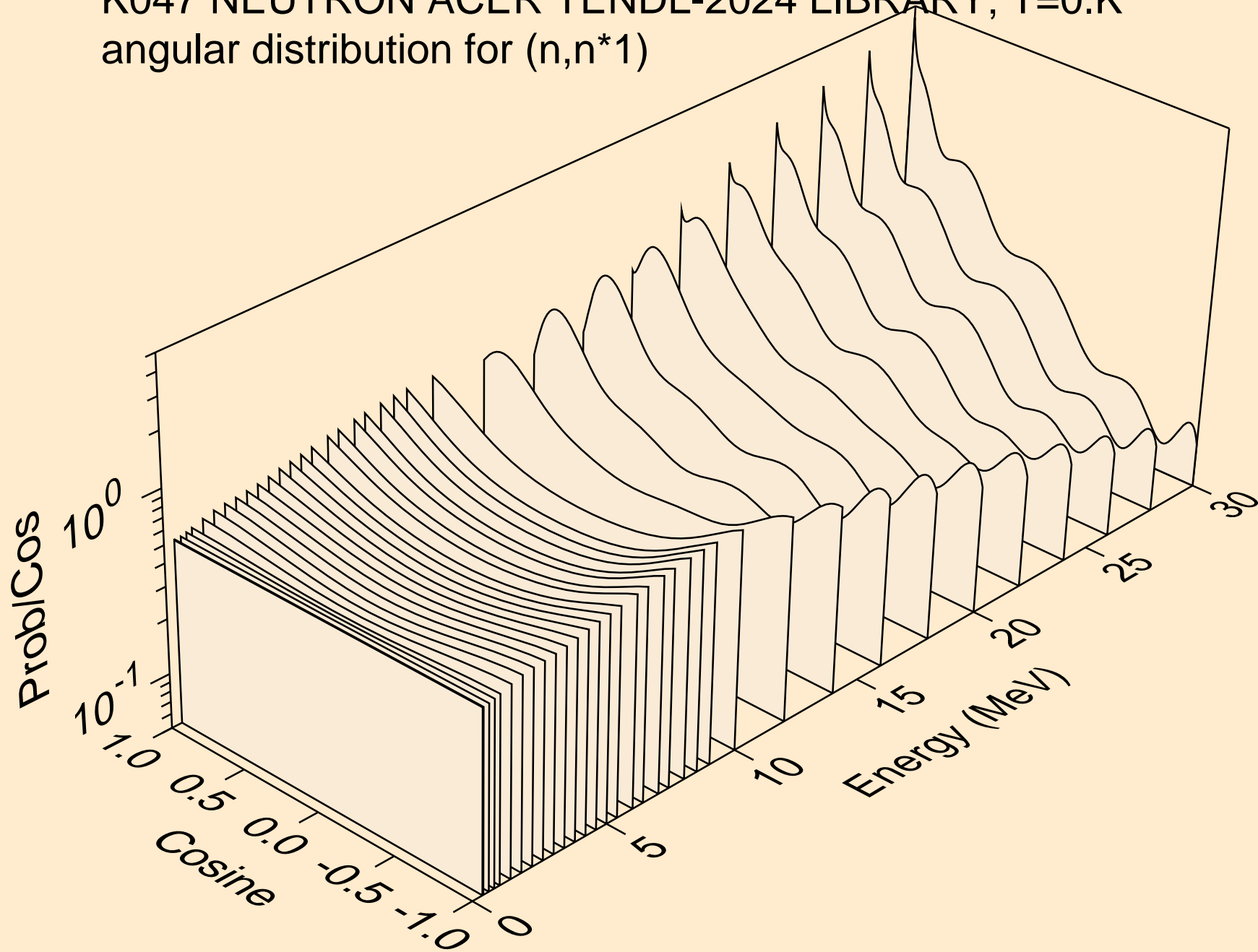
K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



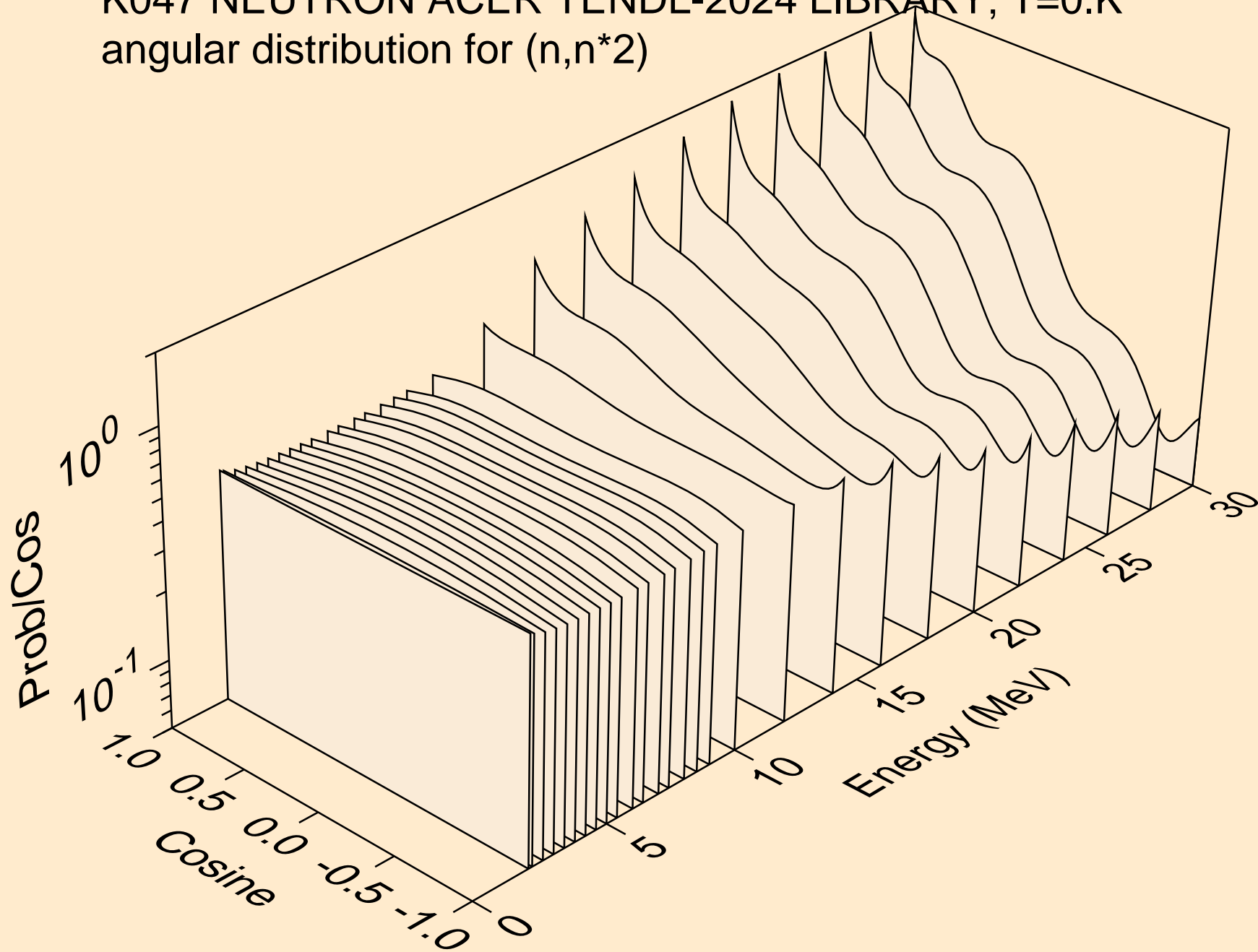
K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



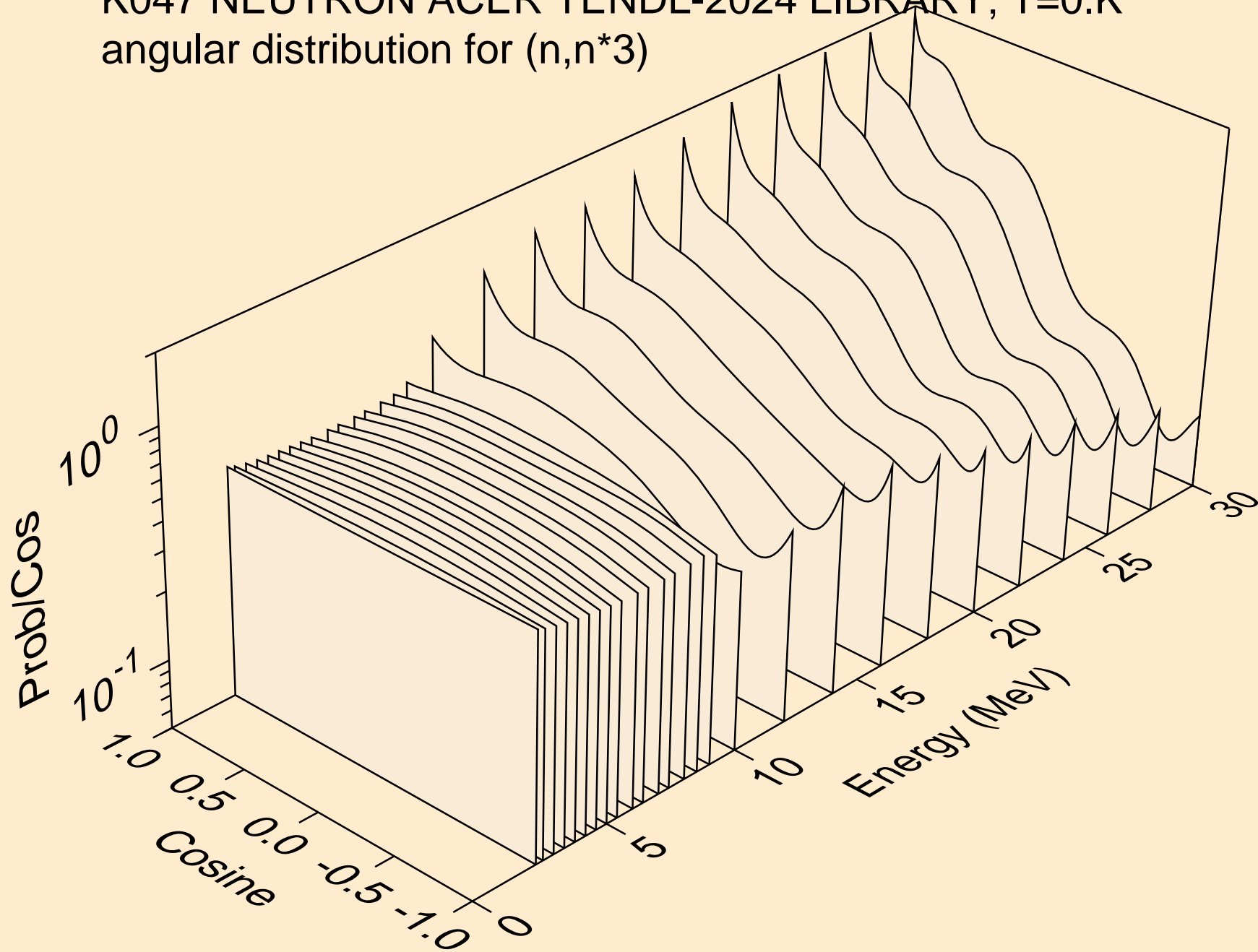
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angular distribution for (n,n\*1)



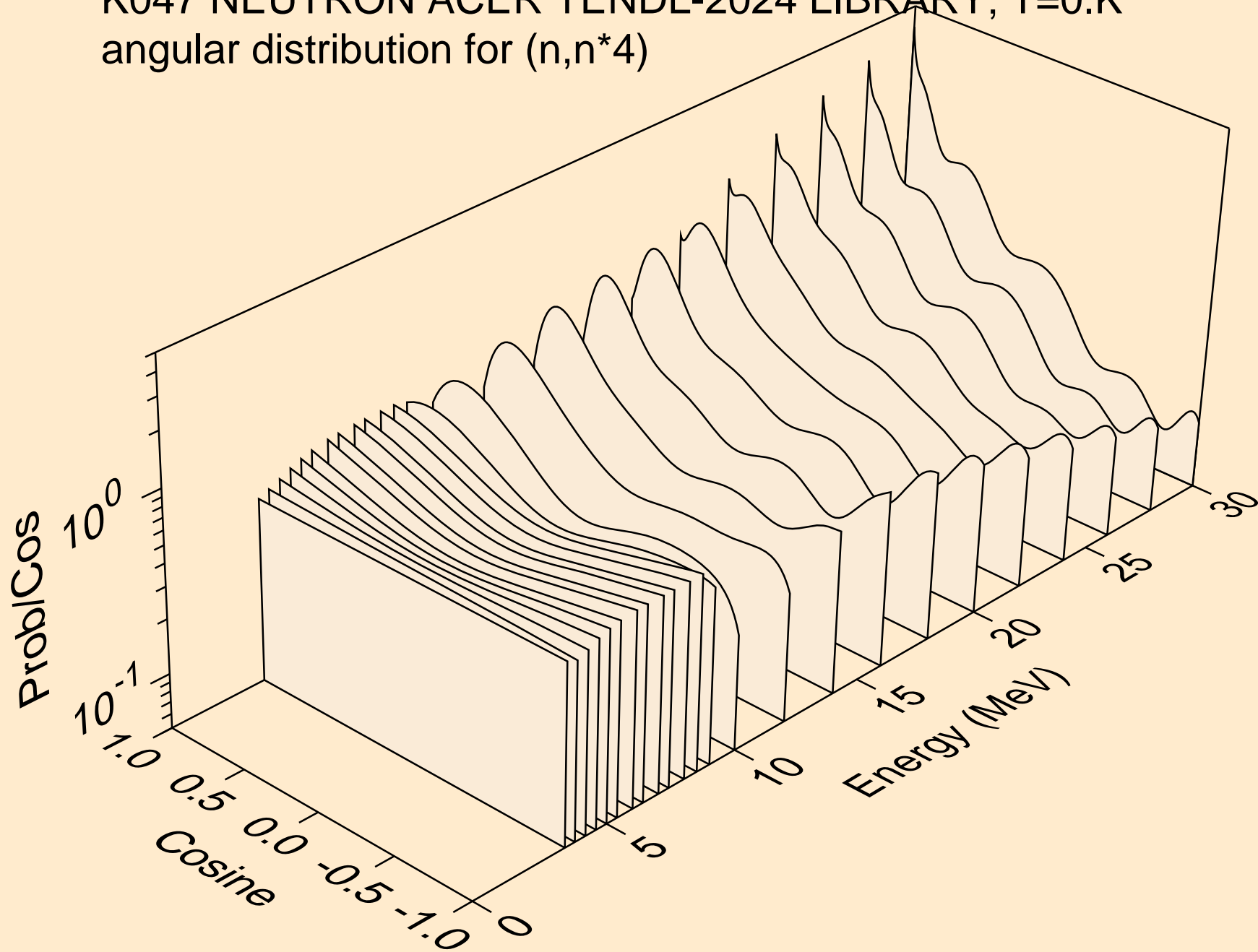
K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



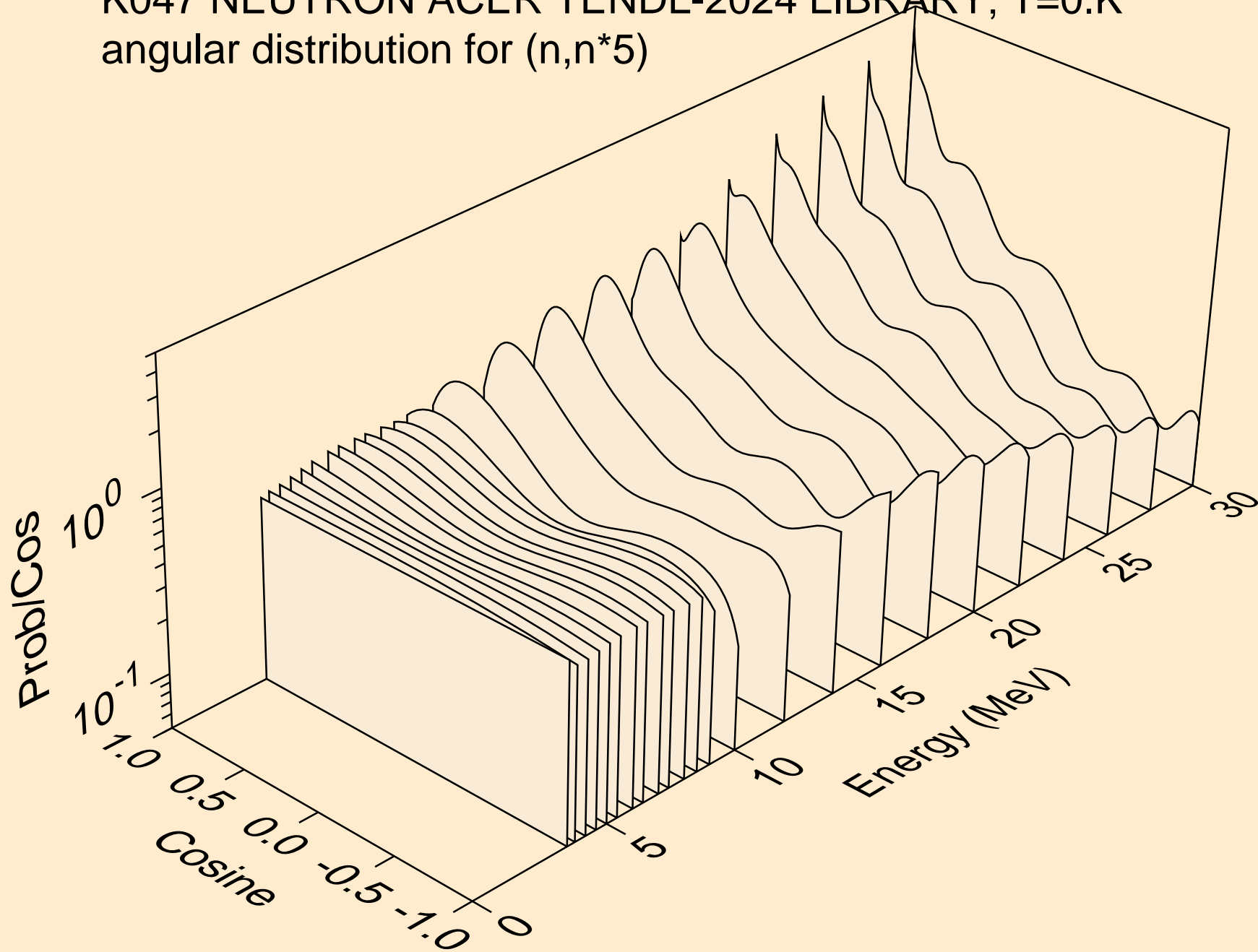
K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)

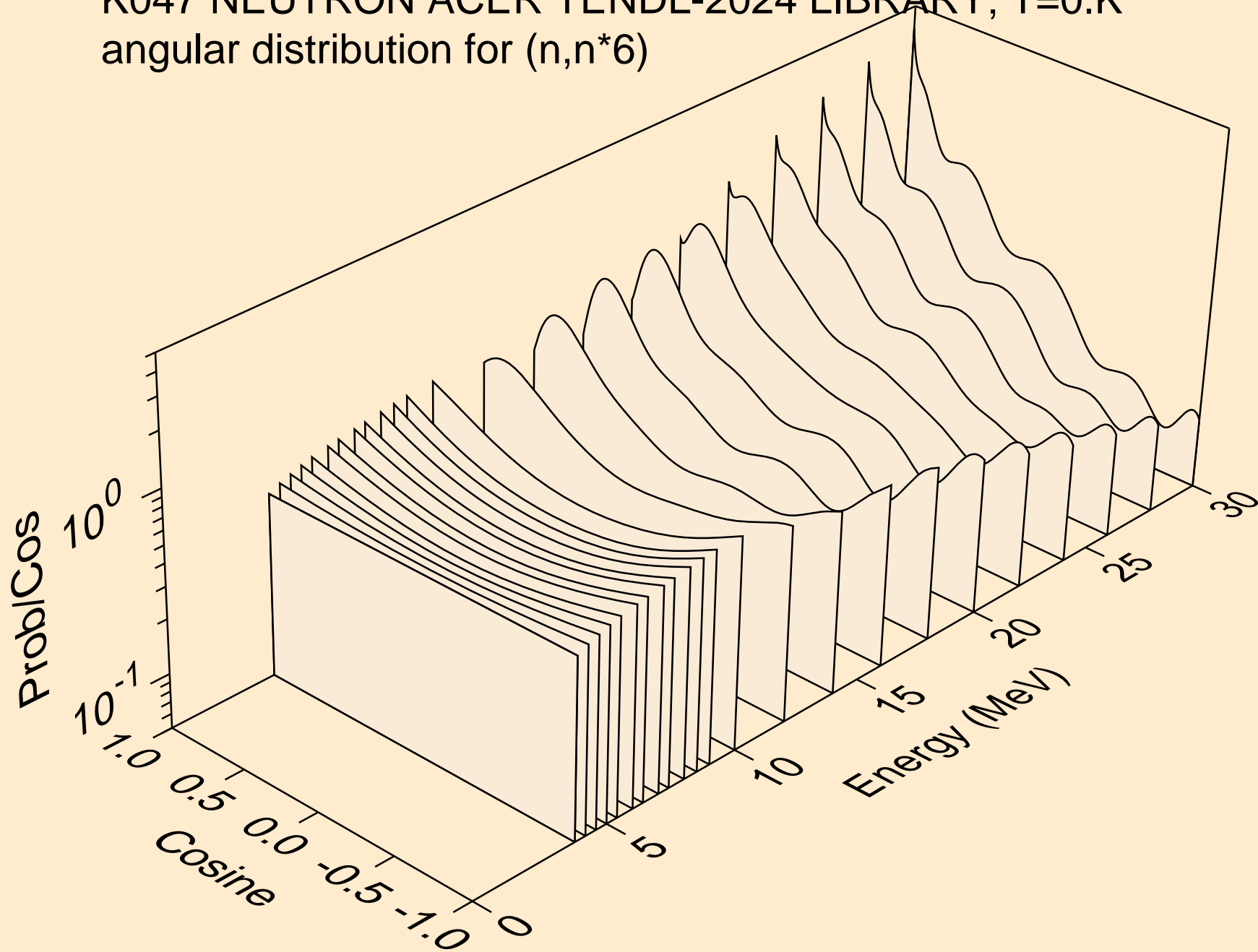


K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)

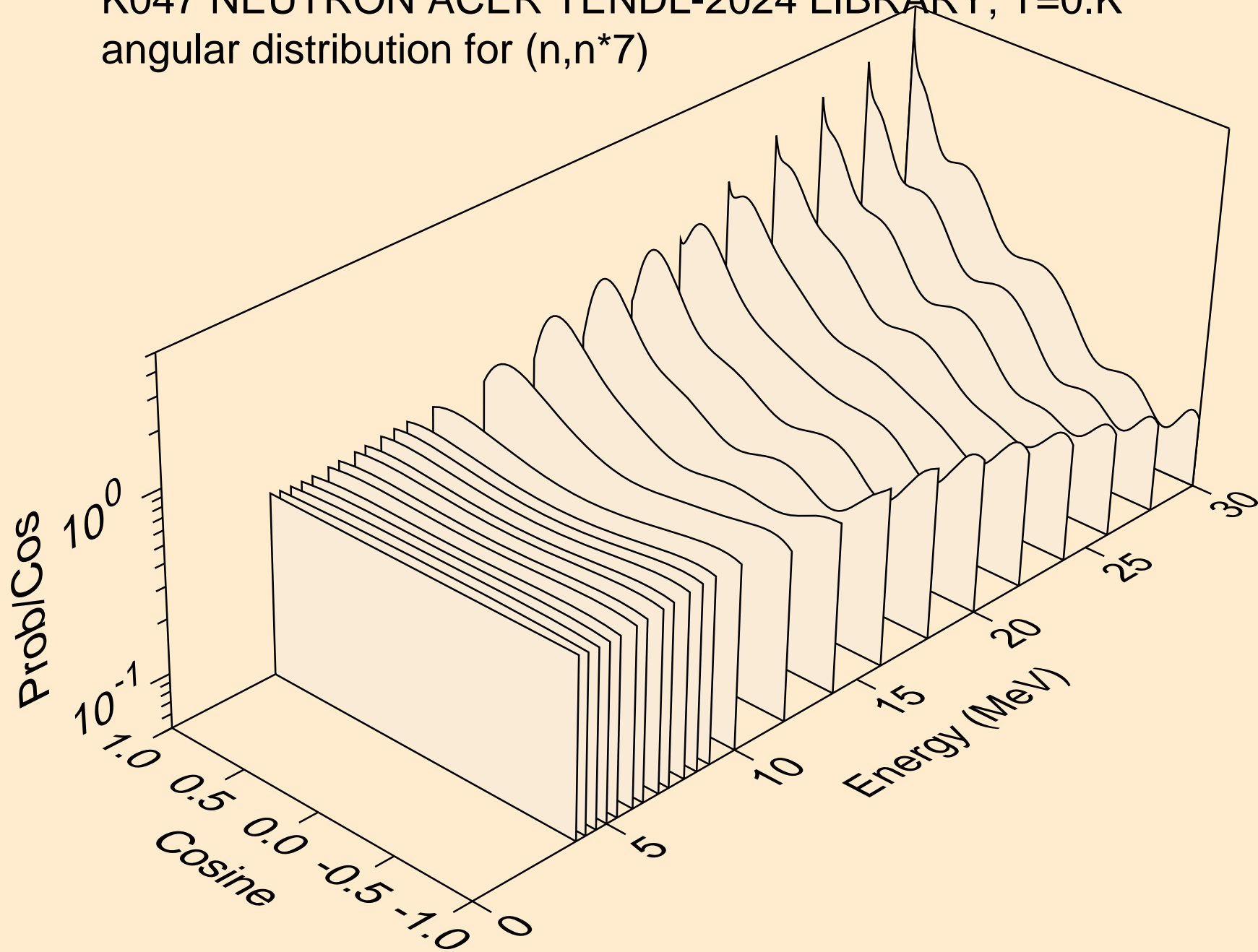




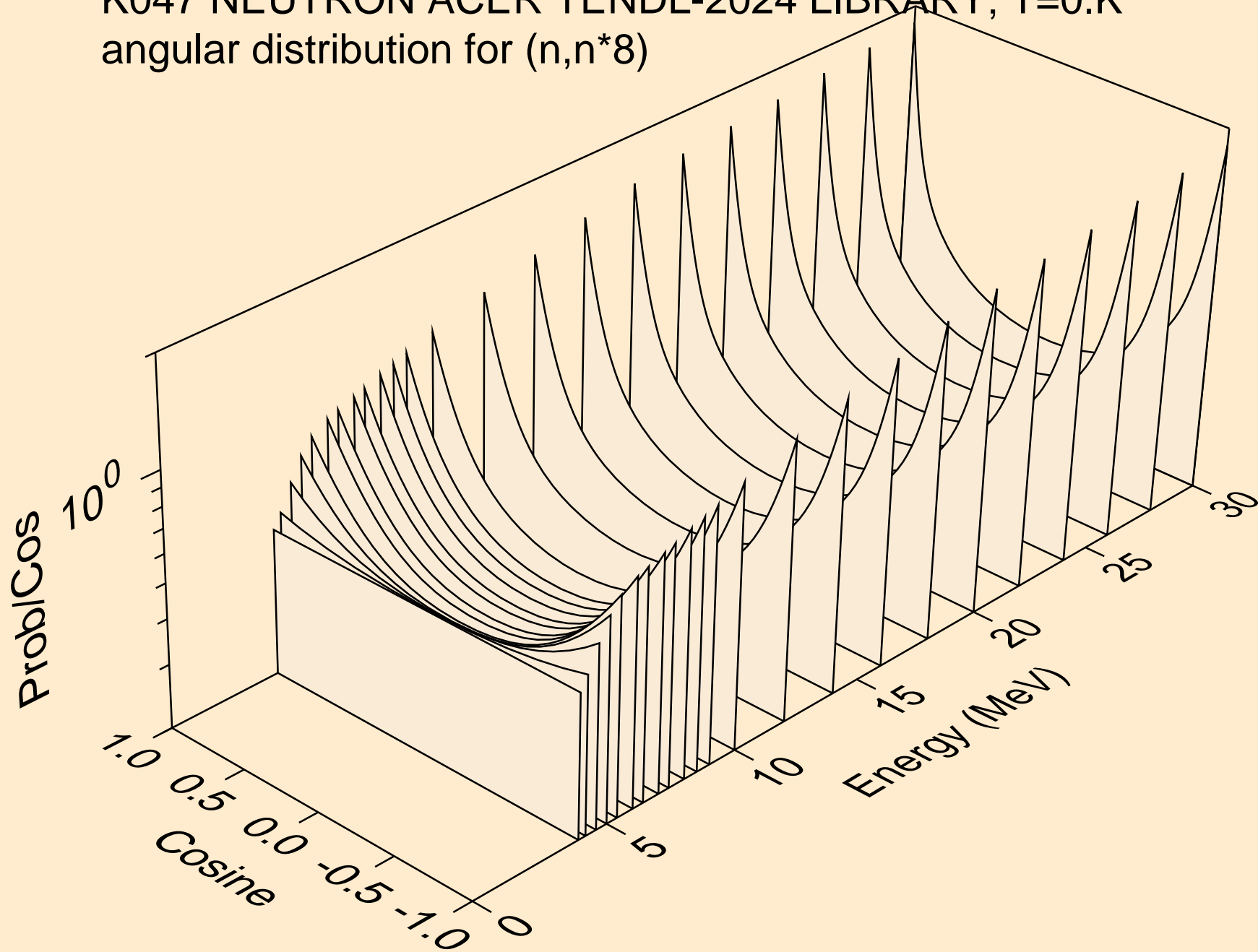
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angular distribution for (n,n\*6)



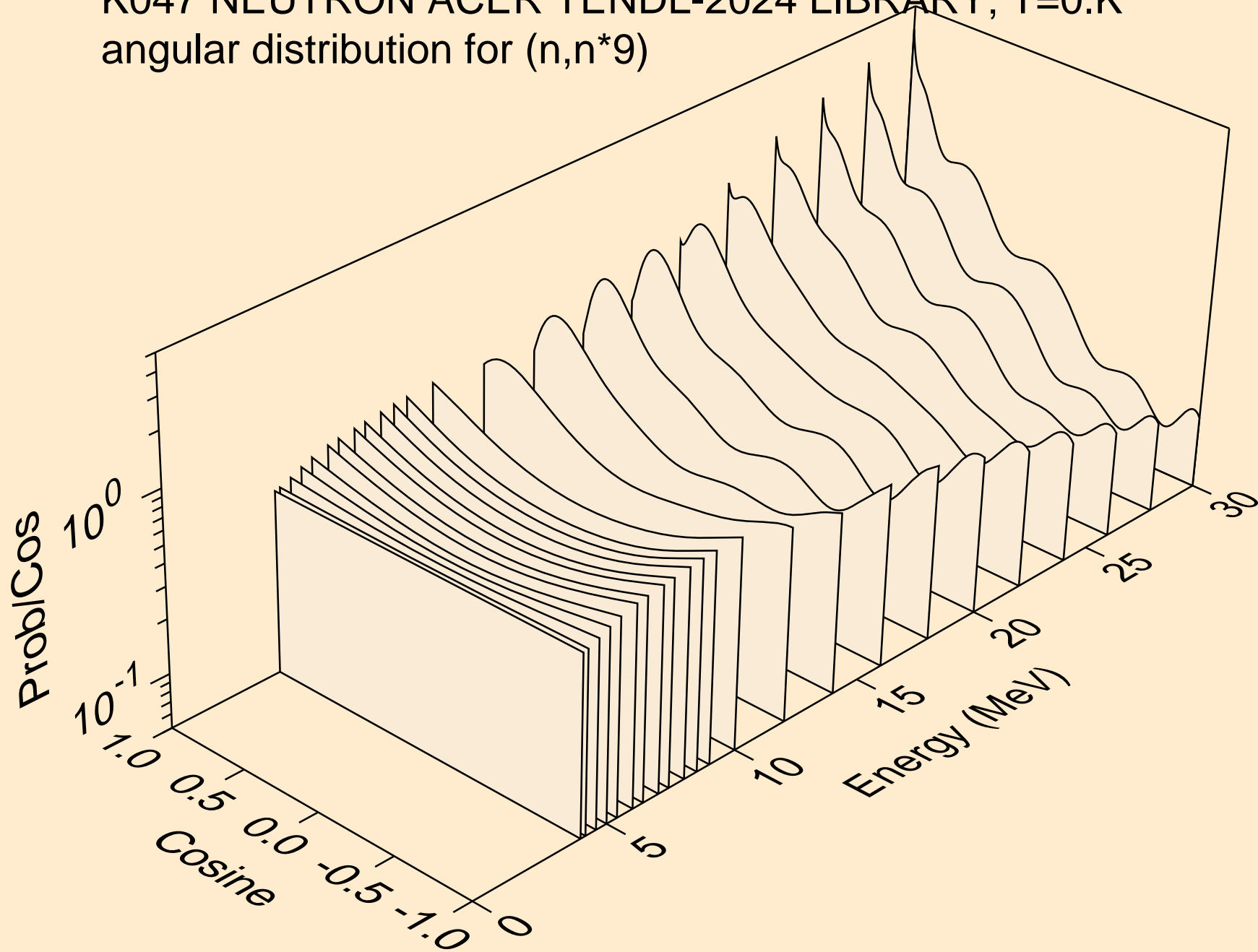
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angular distribution for (n,n\*7)



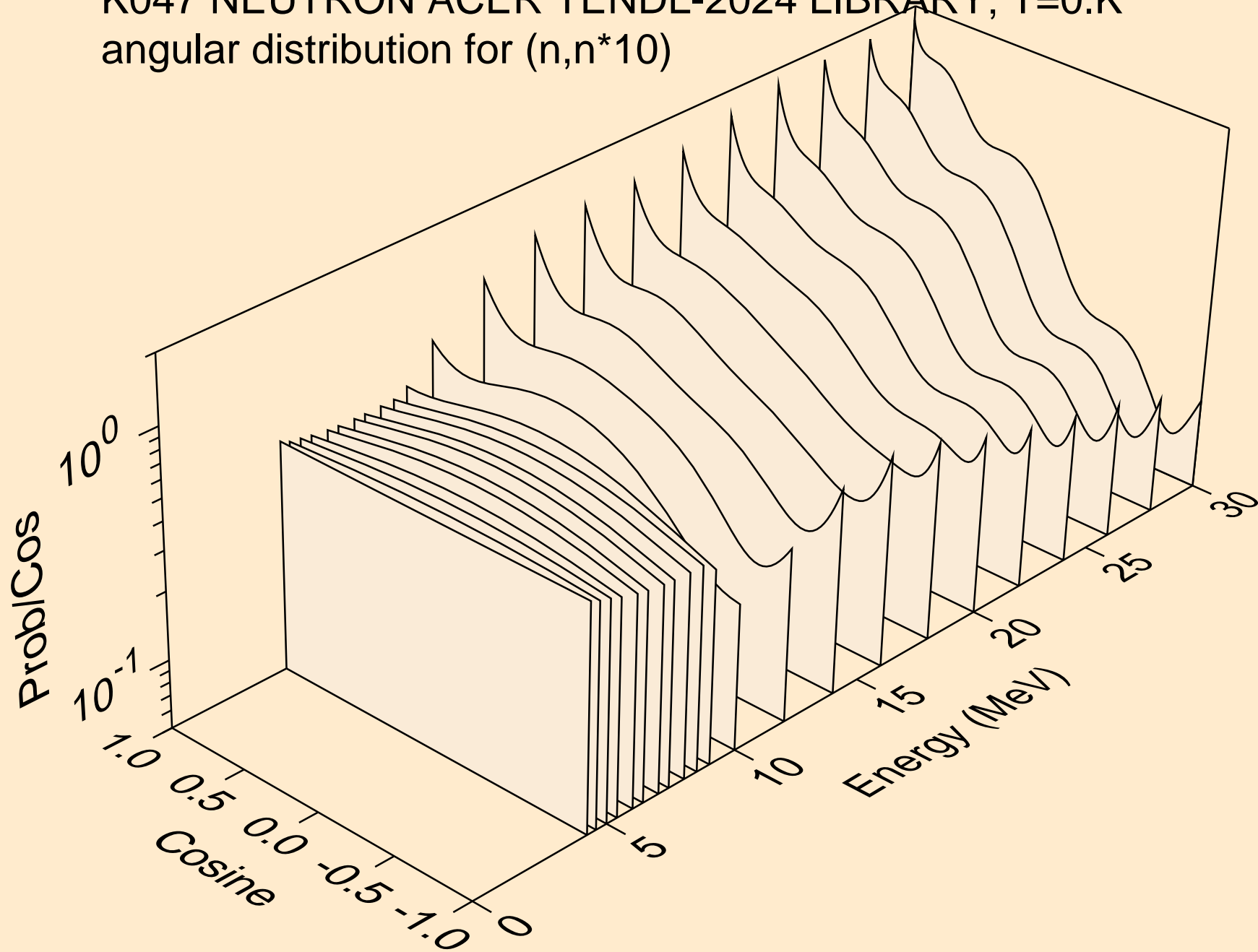
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angular distribution for (n,n\*8)



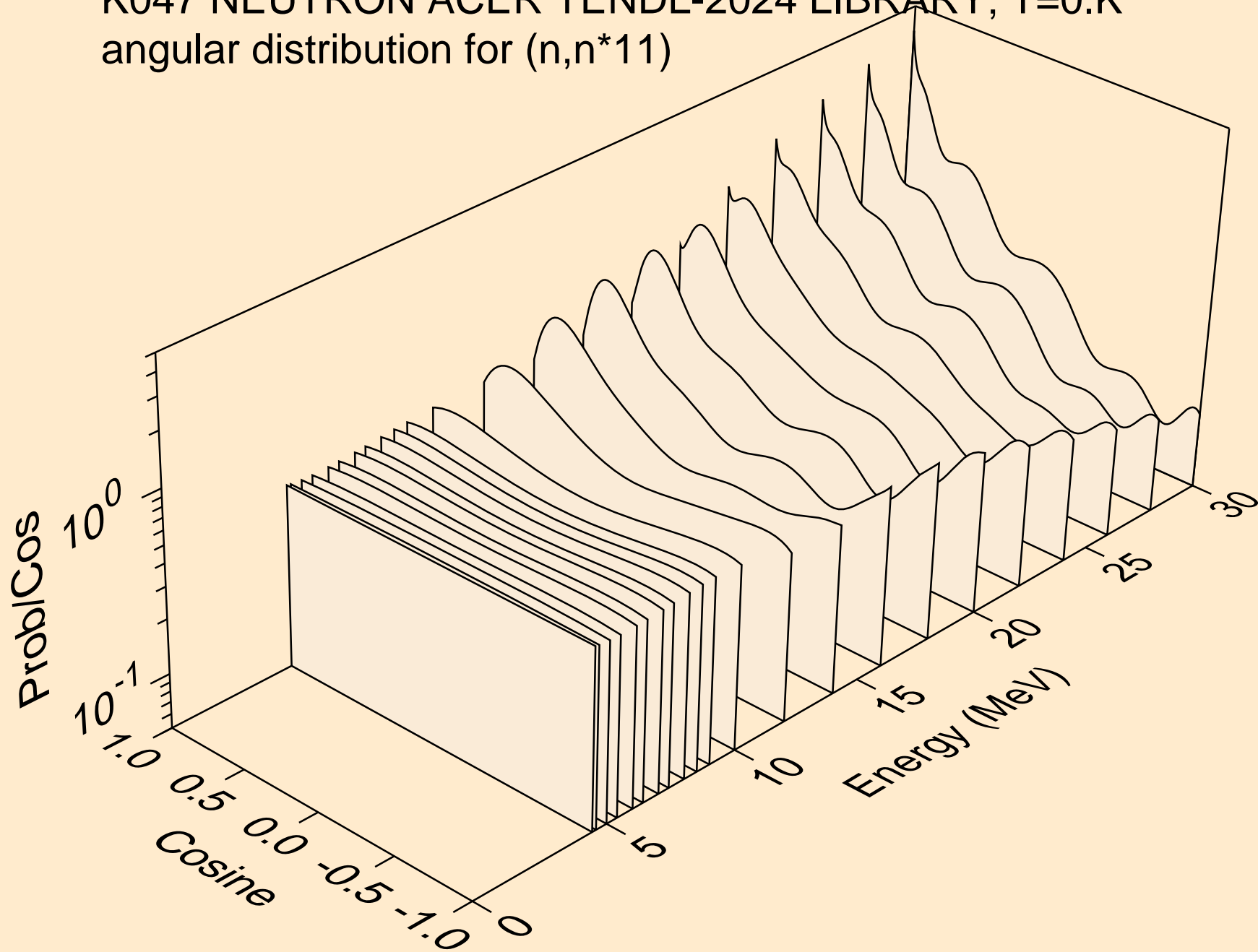
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angular distribution for (n,n\*9)



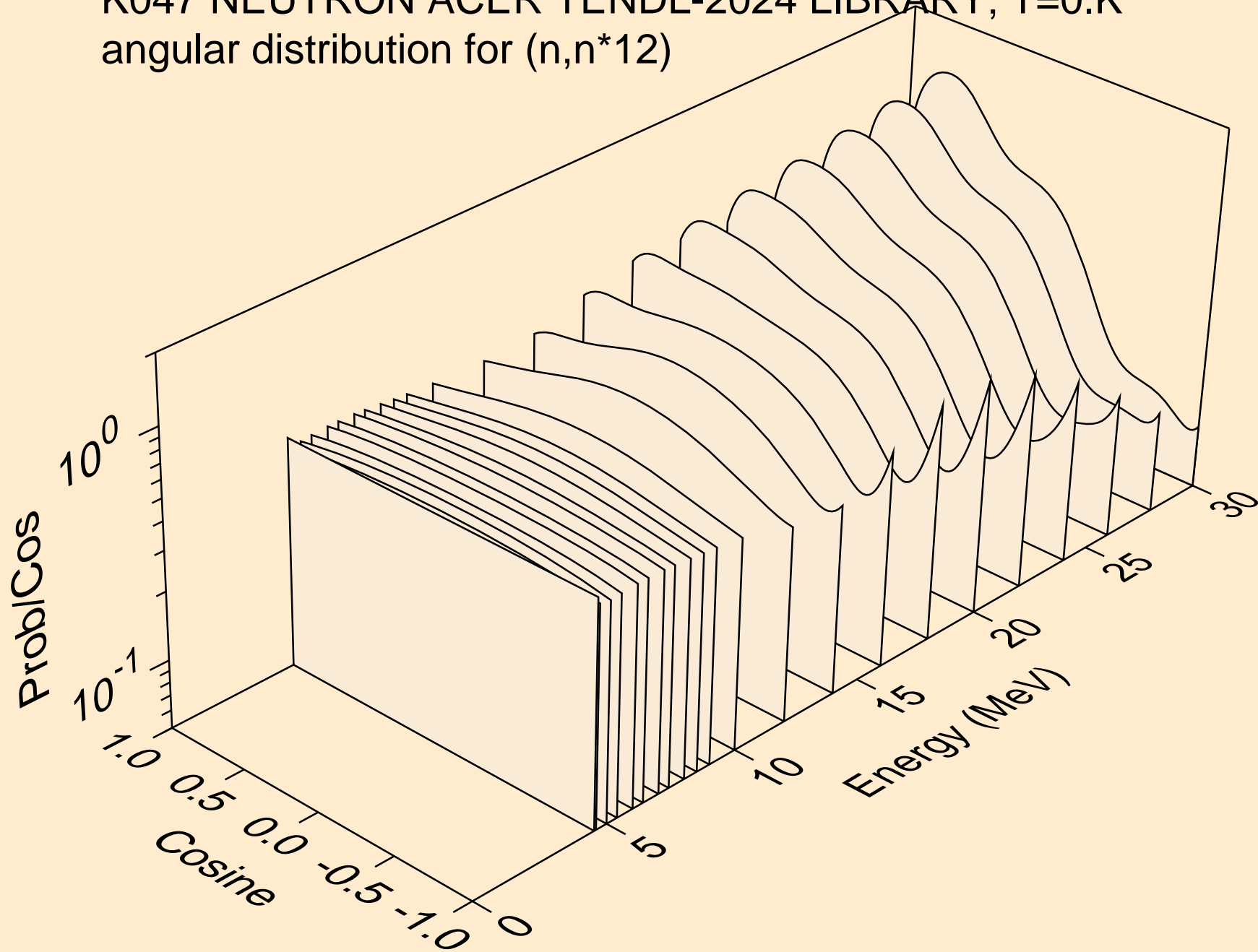
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angular distribution for (n,n\*10)



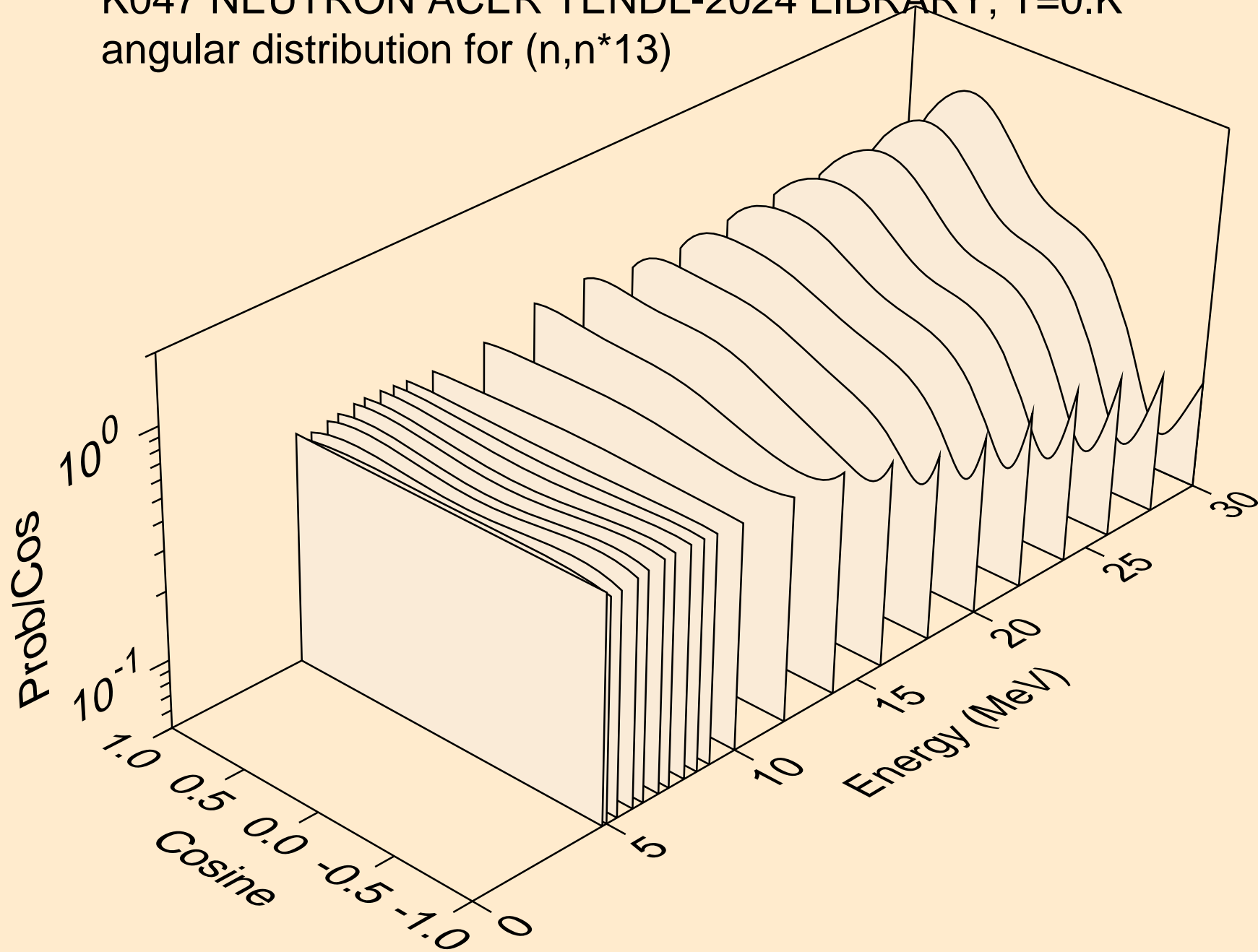
K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)

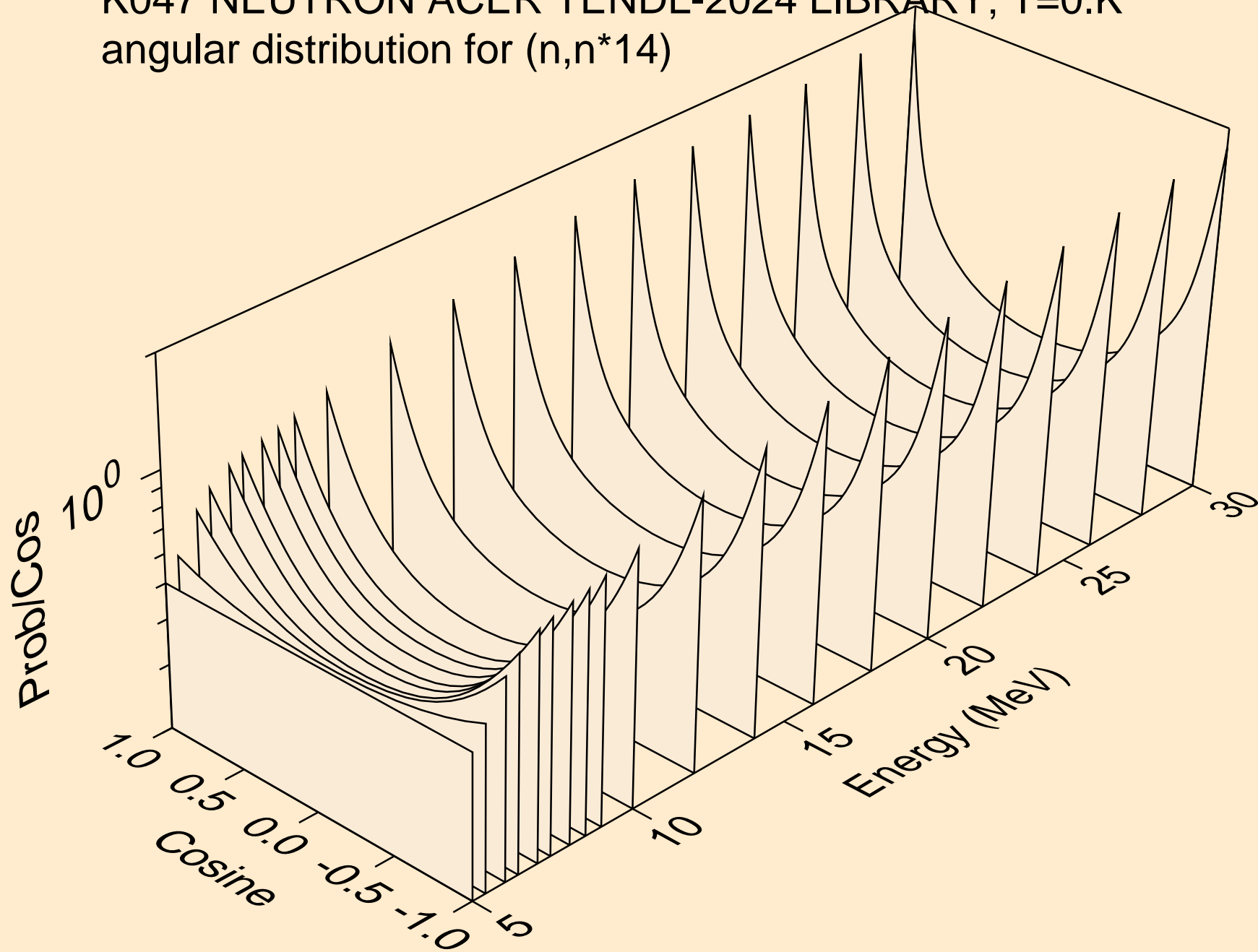


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angular distribution for (n,n\*13)

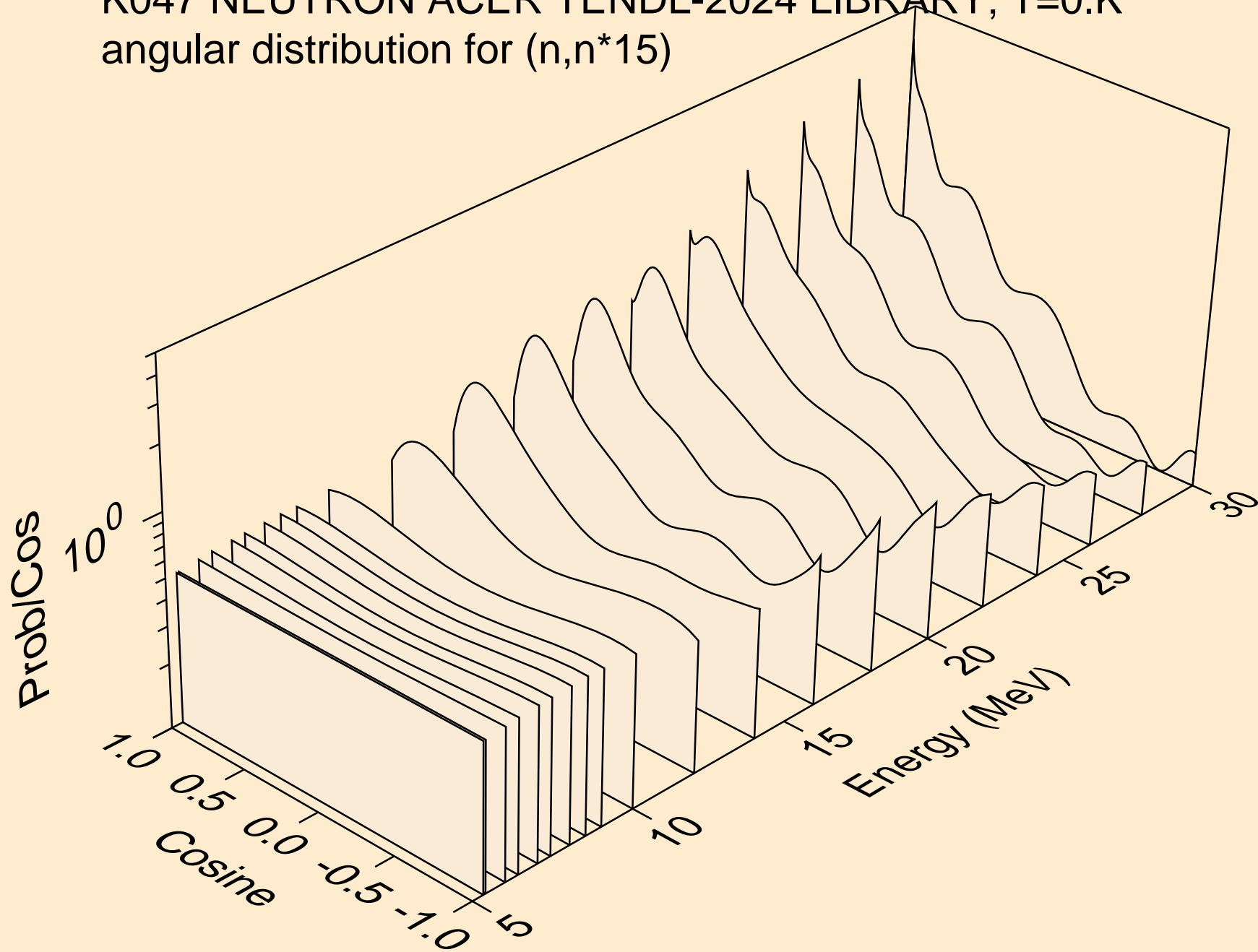




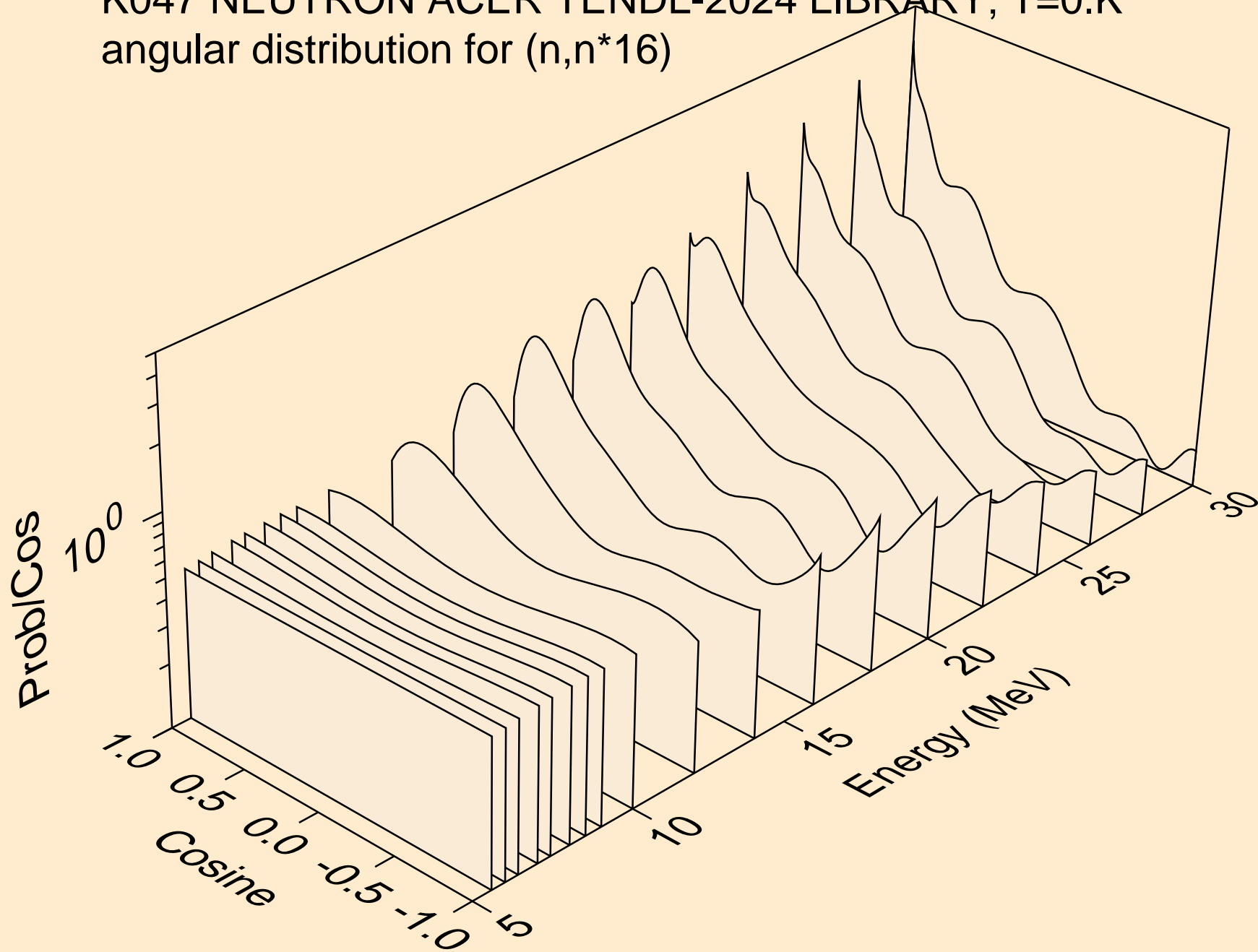
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angular distribution for (n,n\*14)



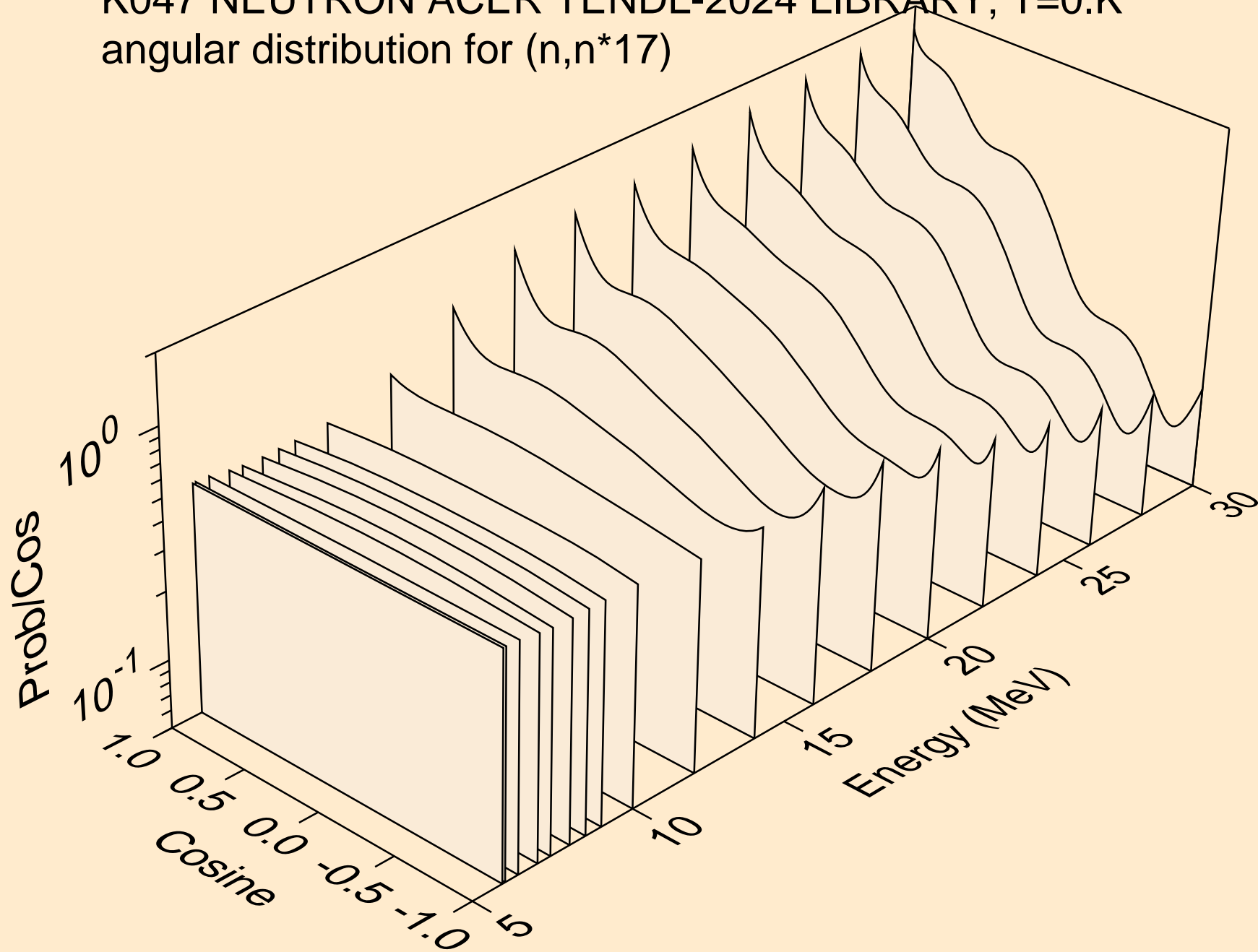
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angular distribution for (n,n\*15)



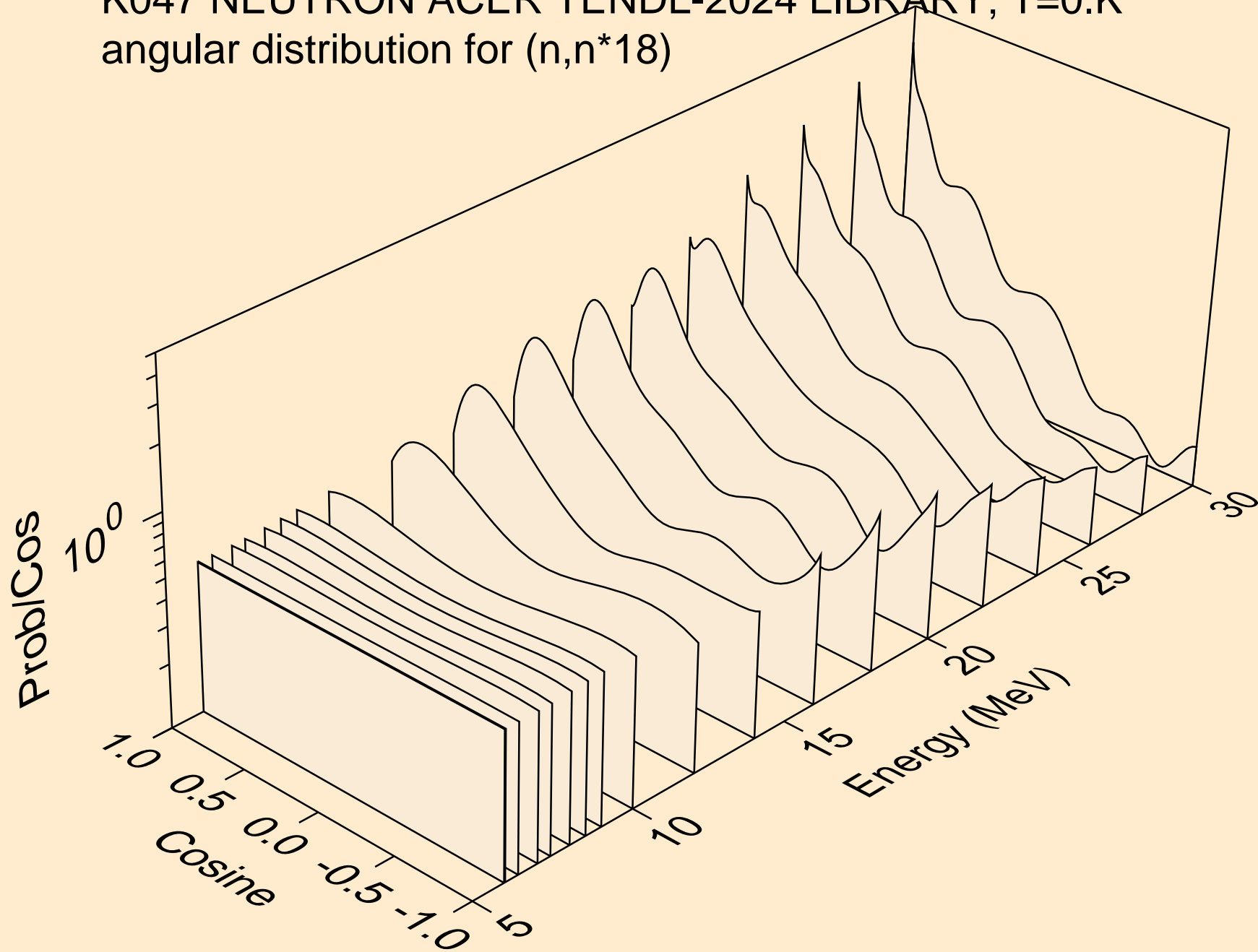
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angular distribution for (n,n\*16)



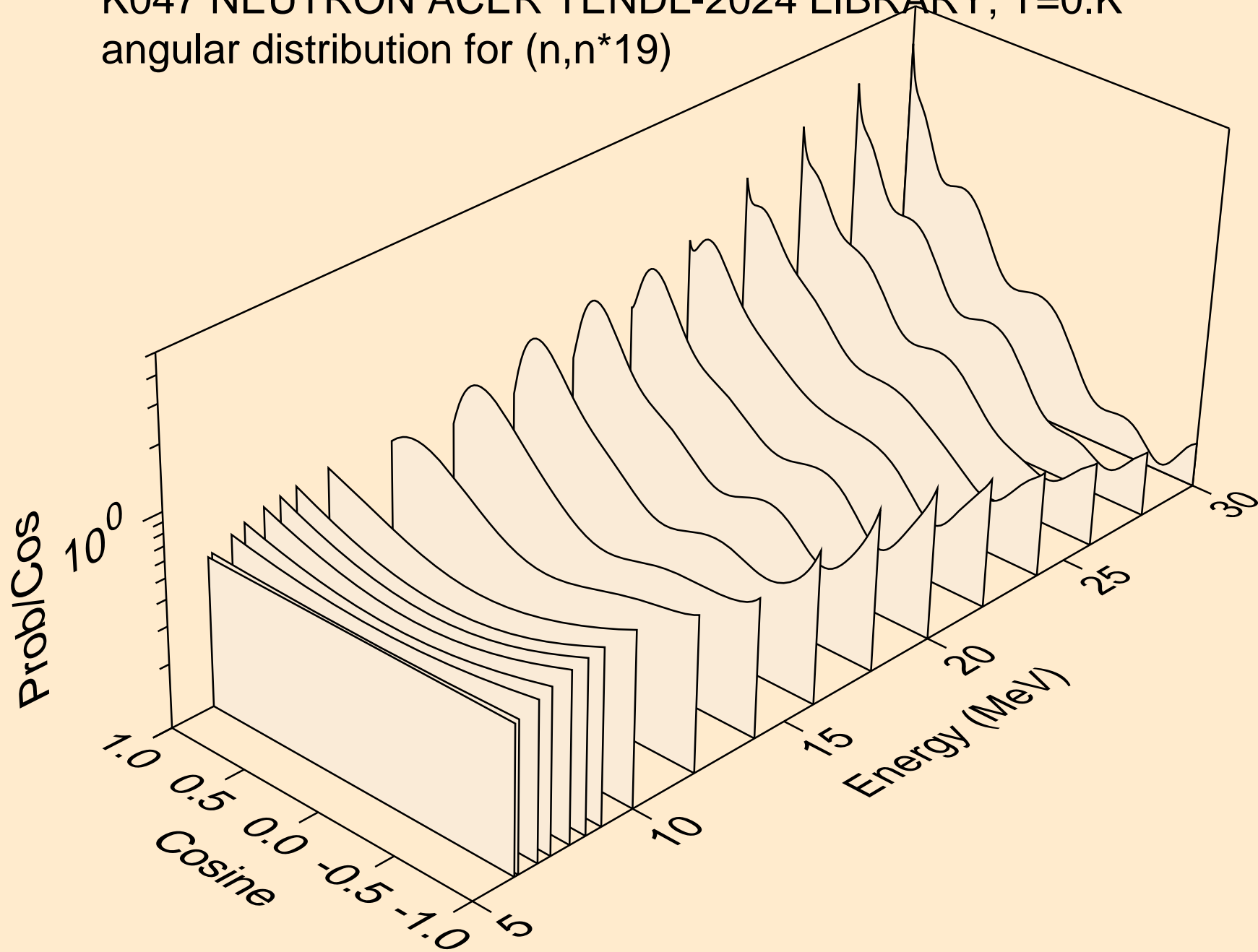
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angular distribution for (n,n\*17)



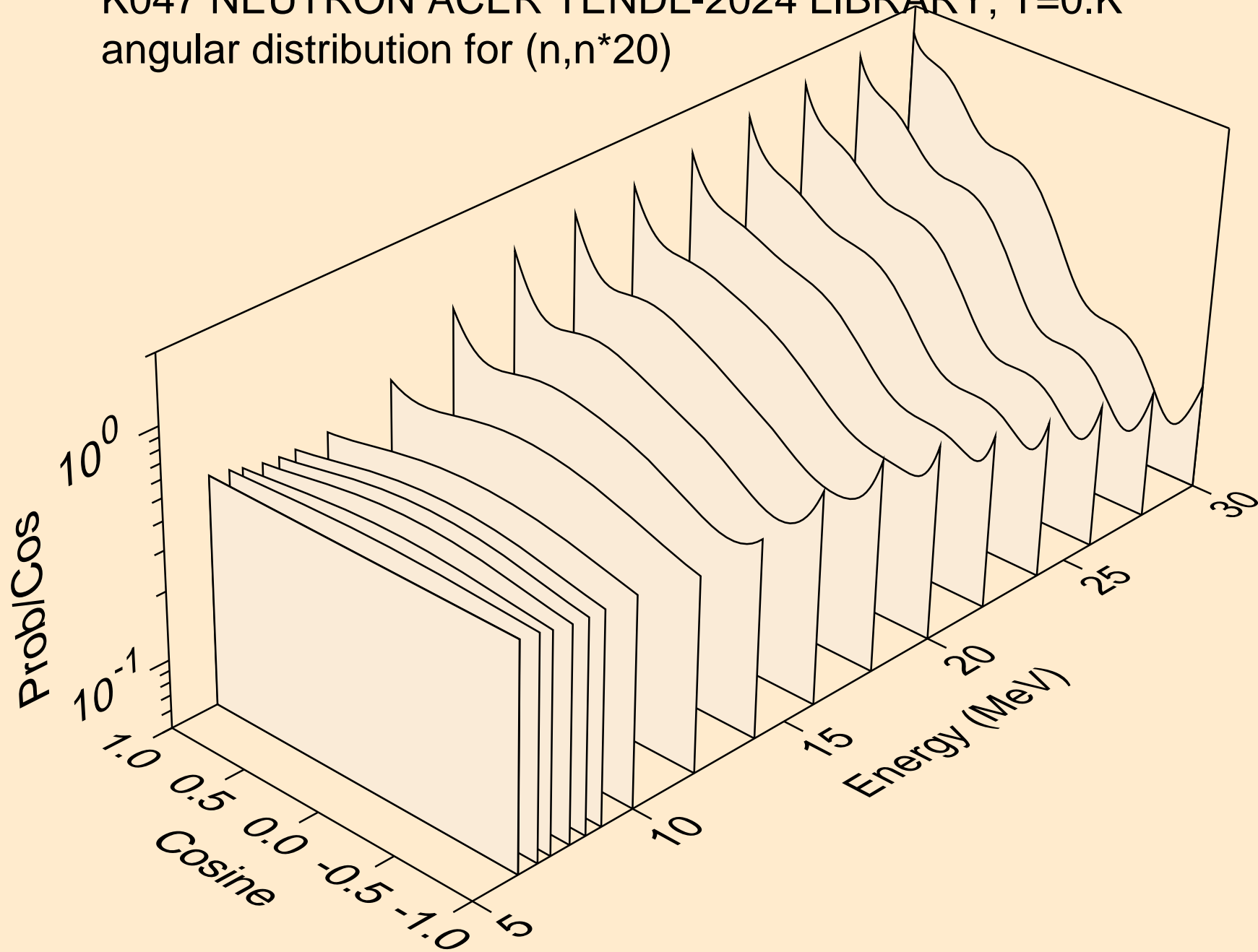
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angular distribution for (n,n\*18)



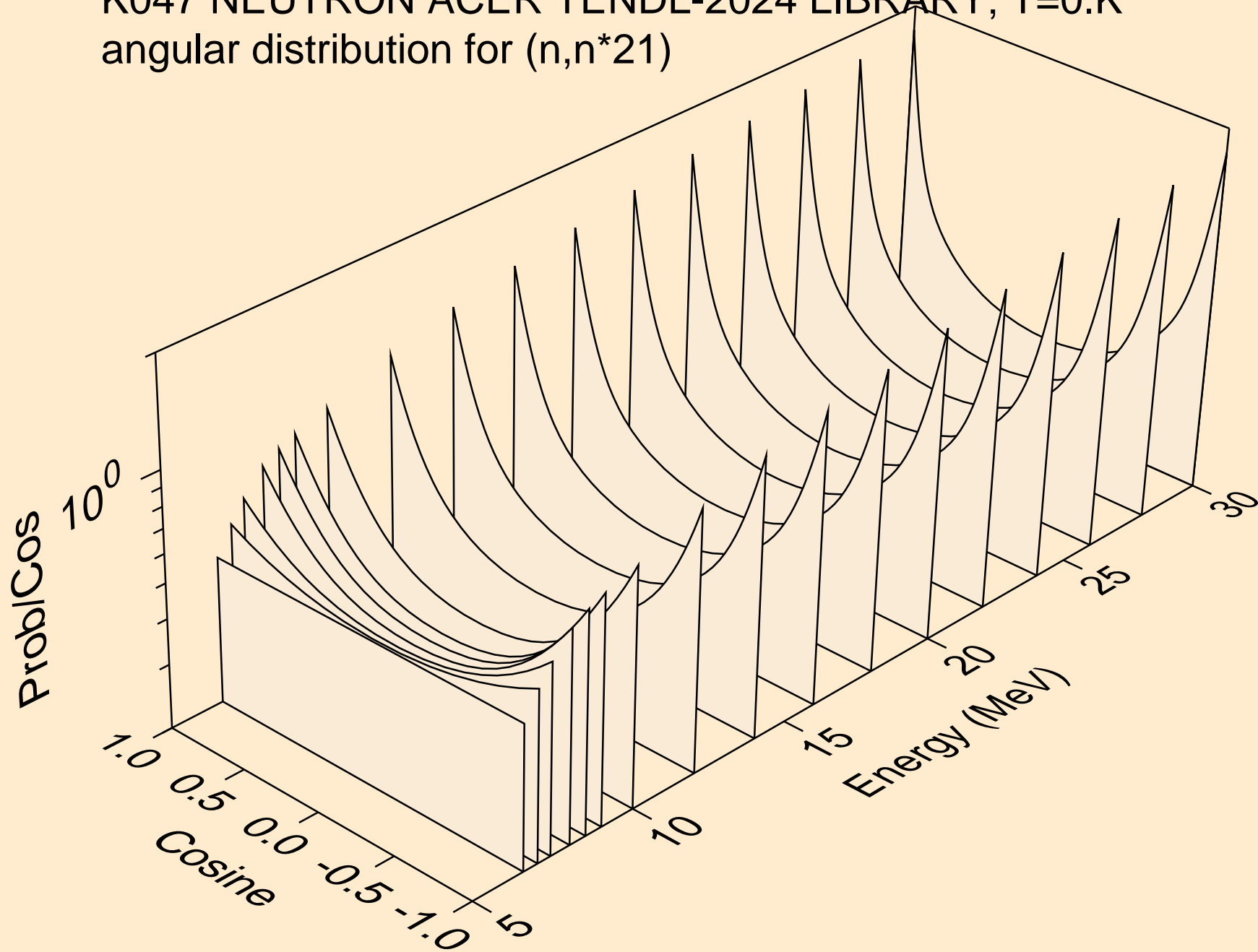
K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*19)



K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)

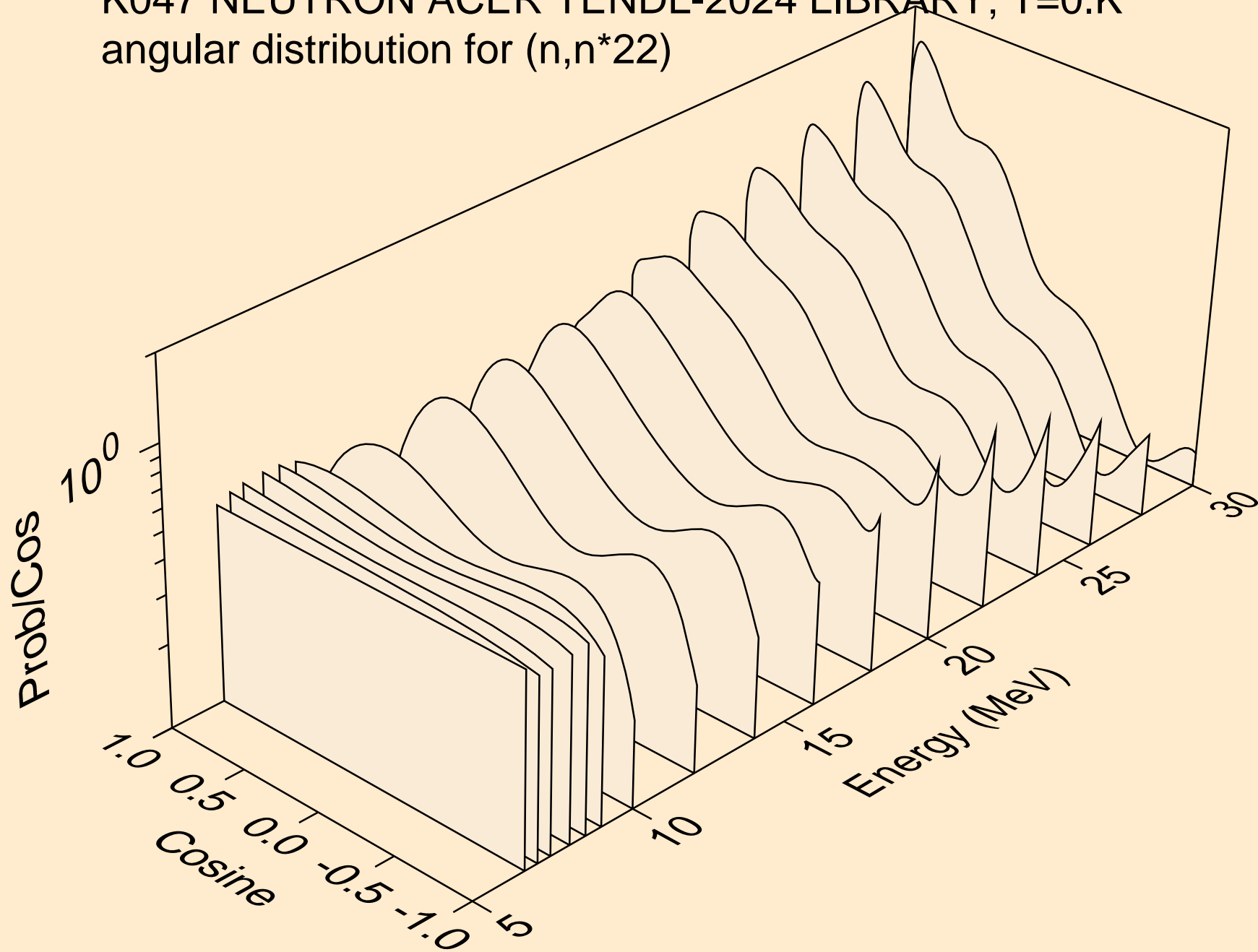


K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*21)

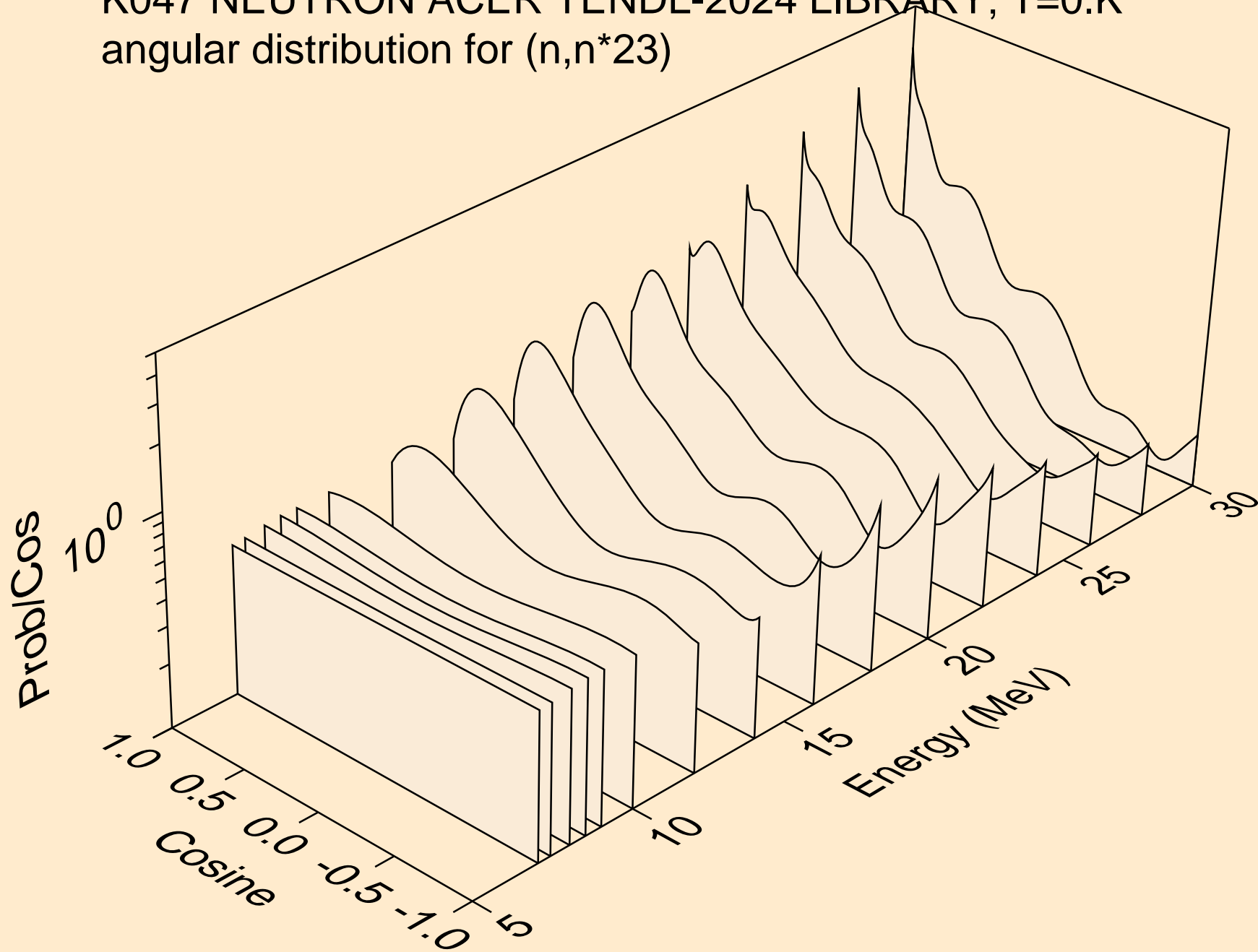




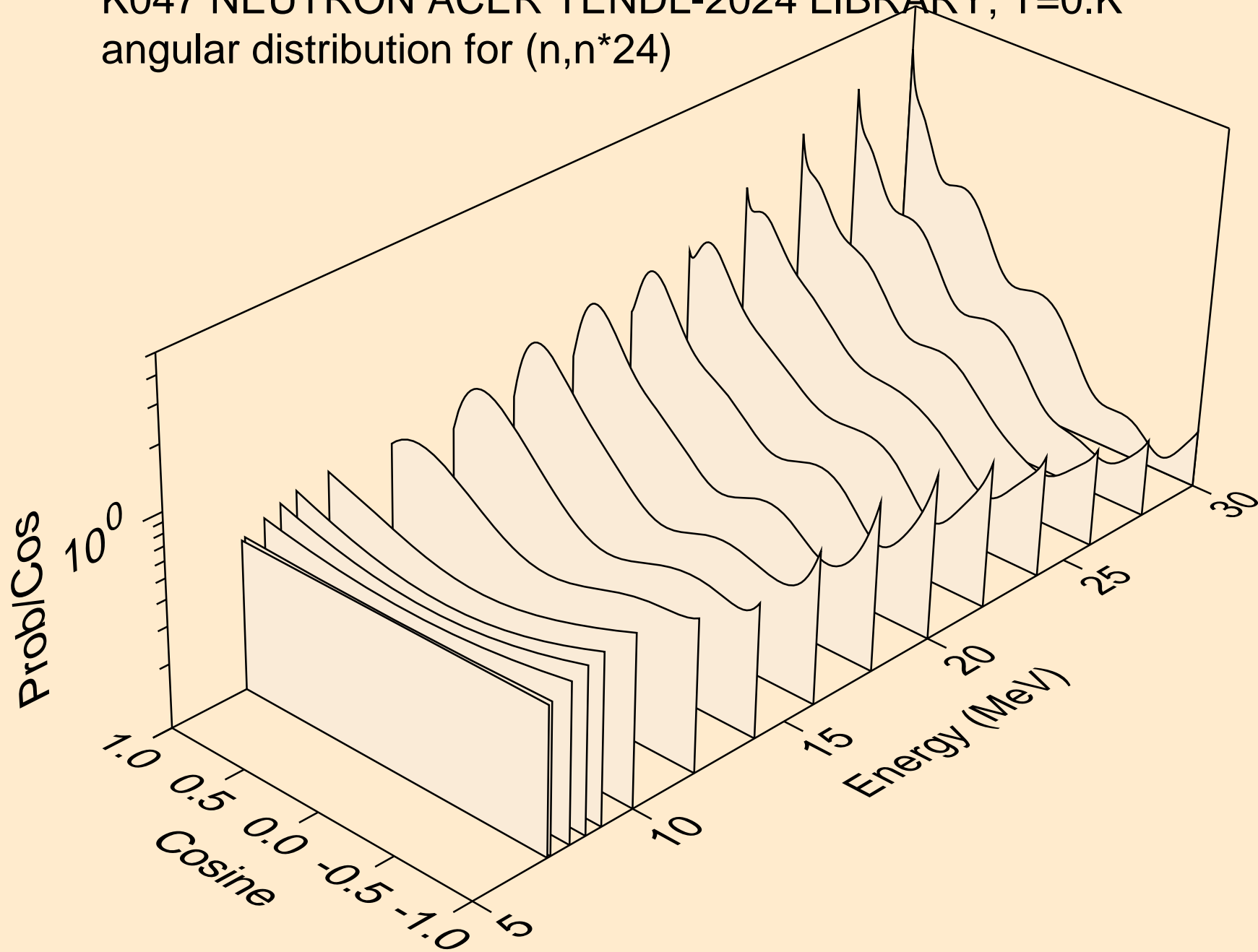
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angular distribution for (n,n\*22)



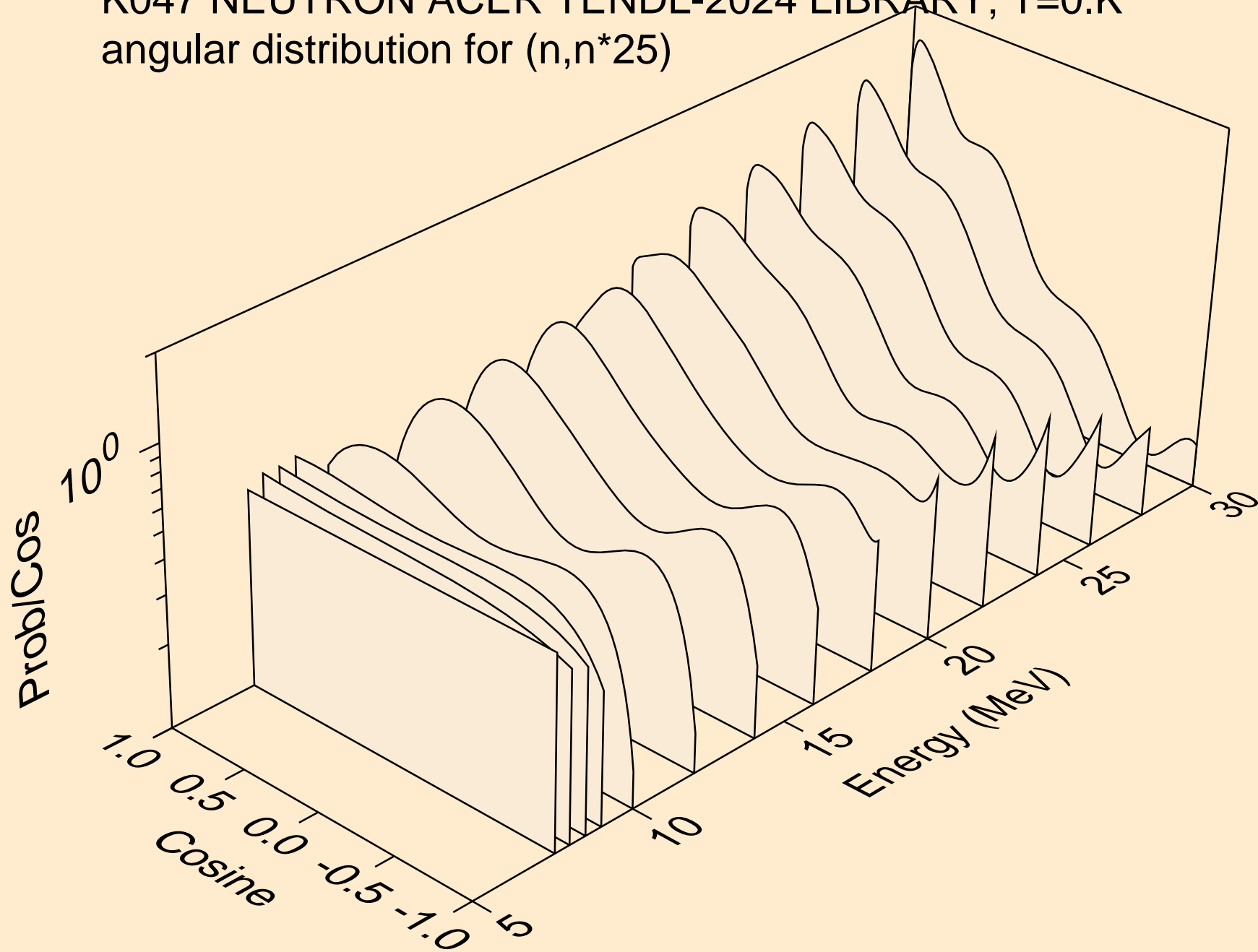
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angular distribution for (n,n\*23)



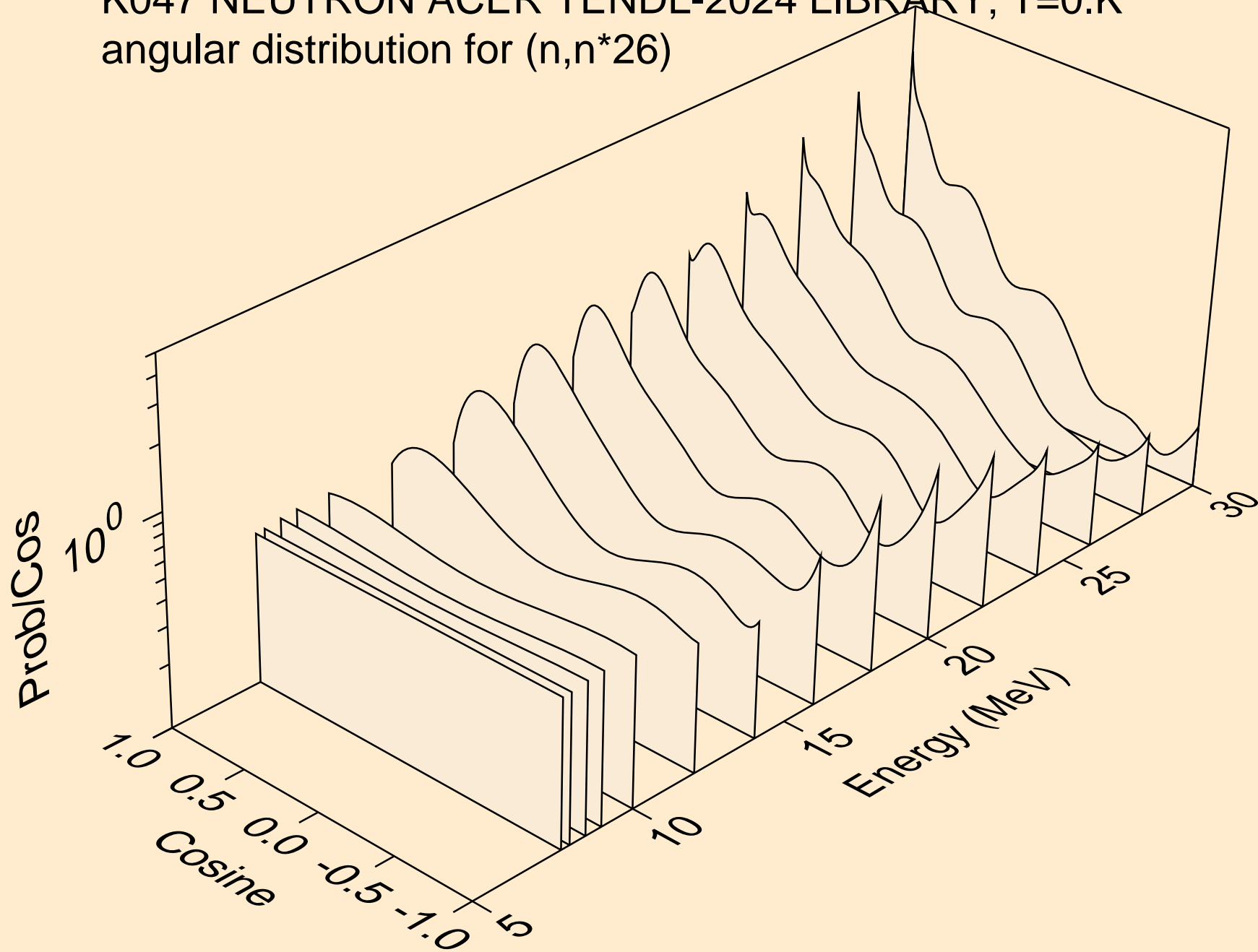
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angular distribution for (n,n\*24)



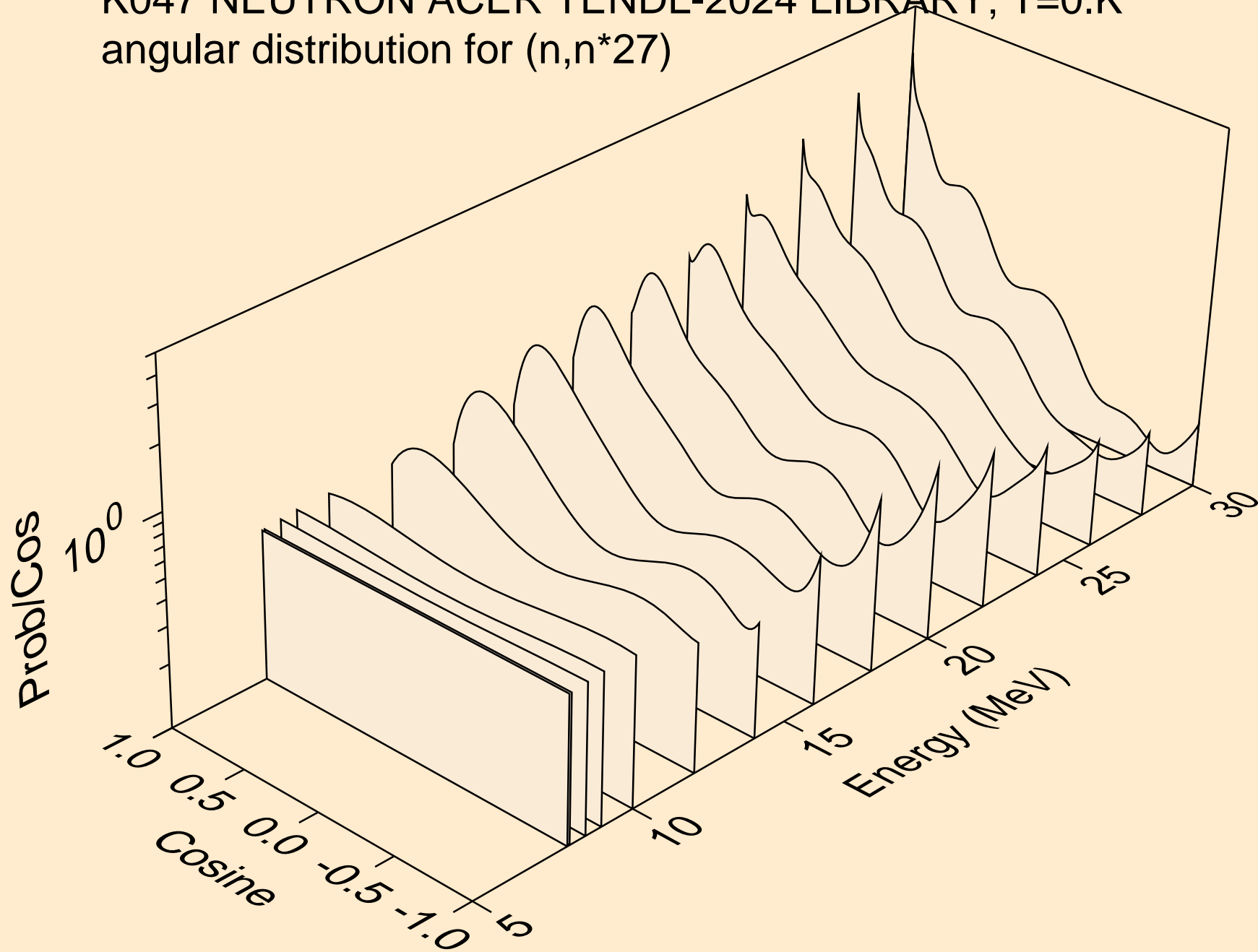
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angular distribution for (n,n\*25)



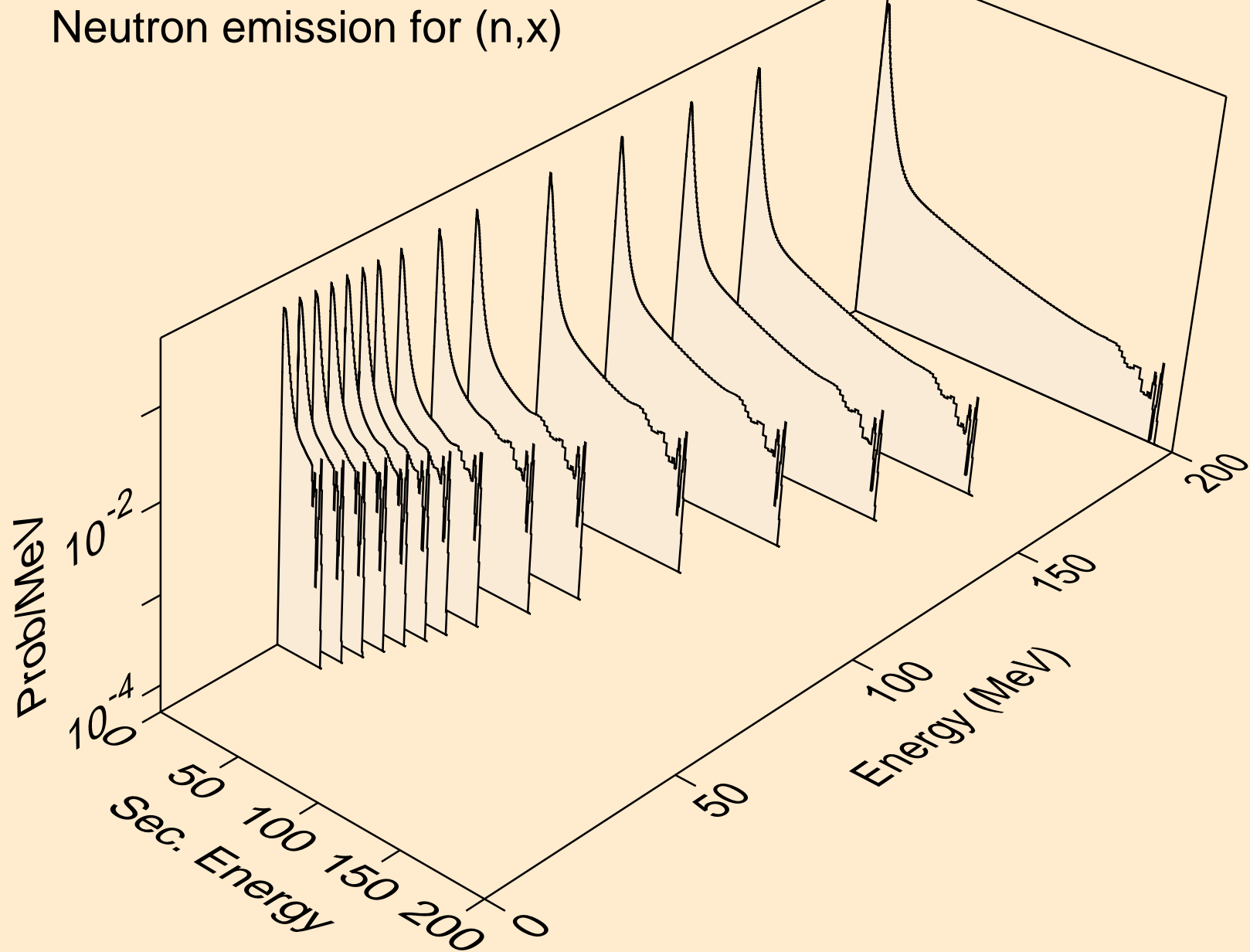
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angular distribution for (n,n\*26)



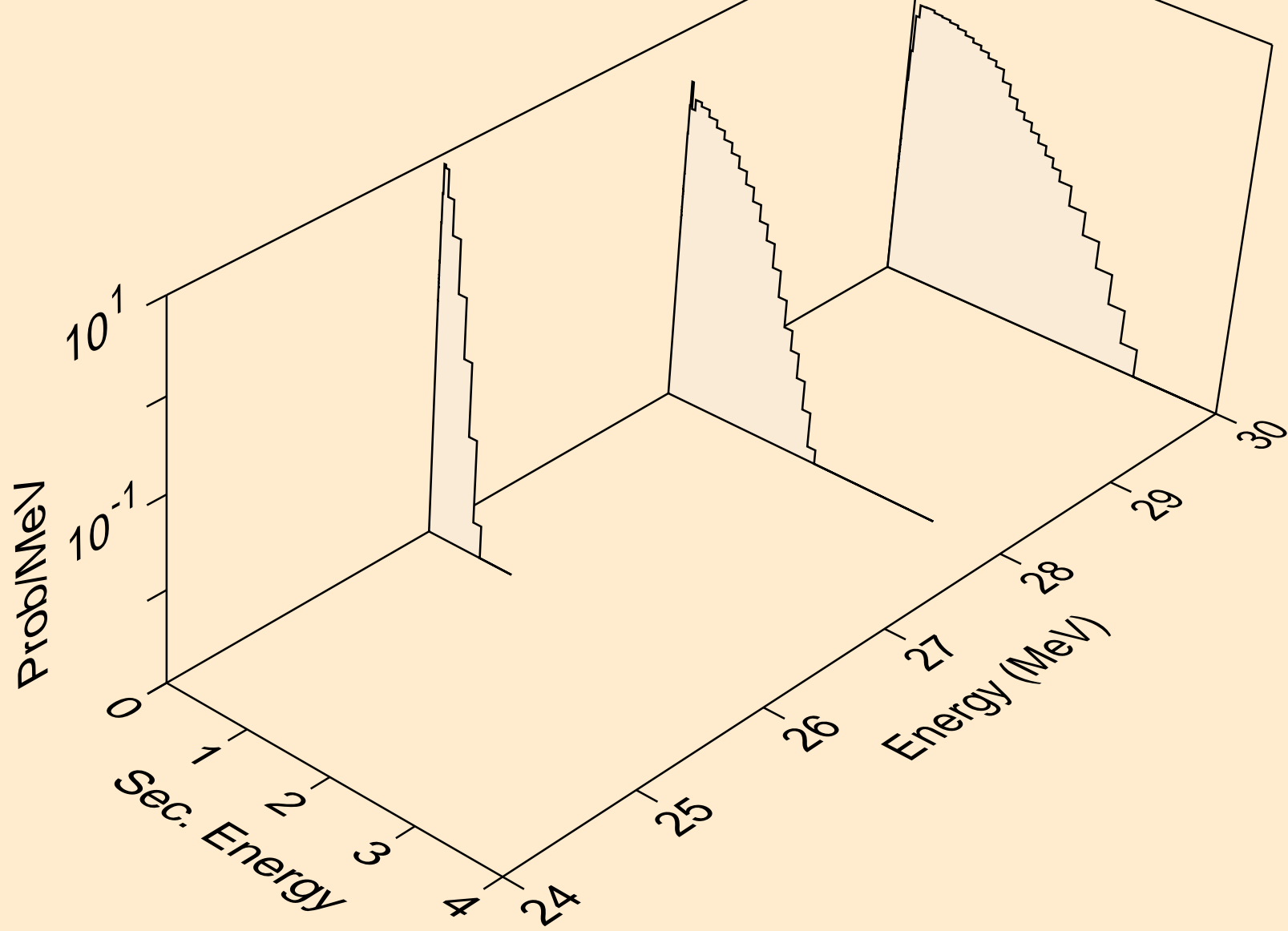
K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)



K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)

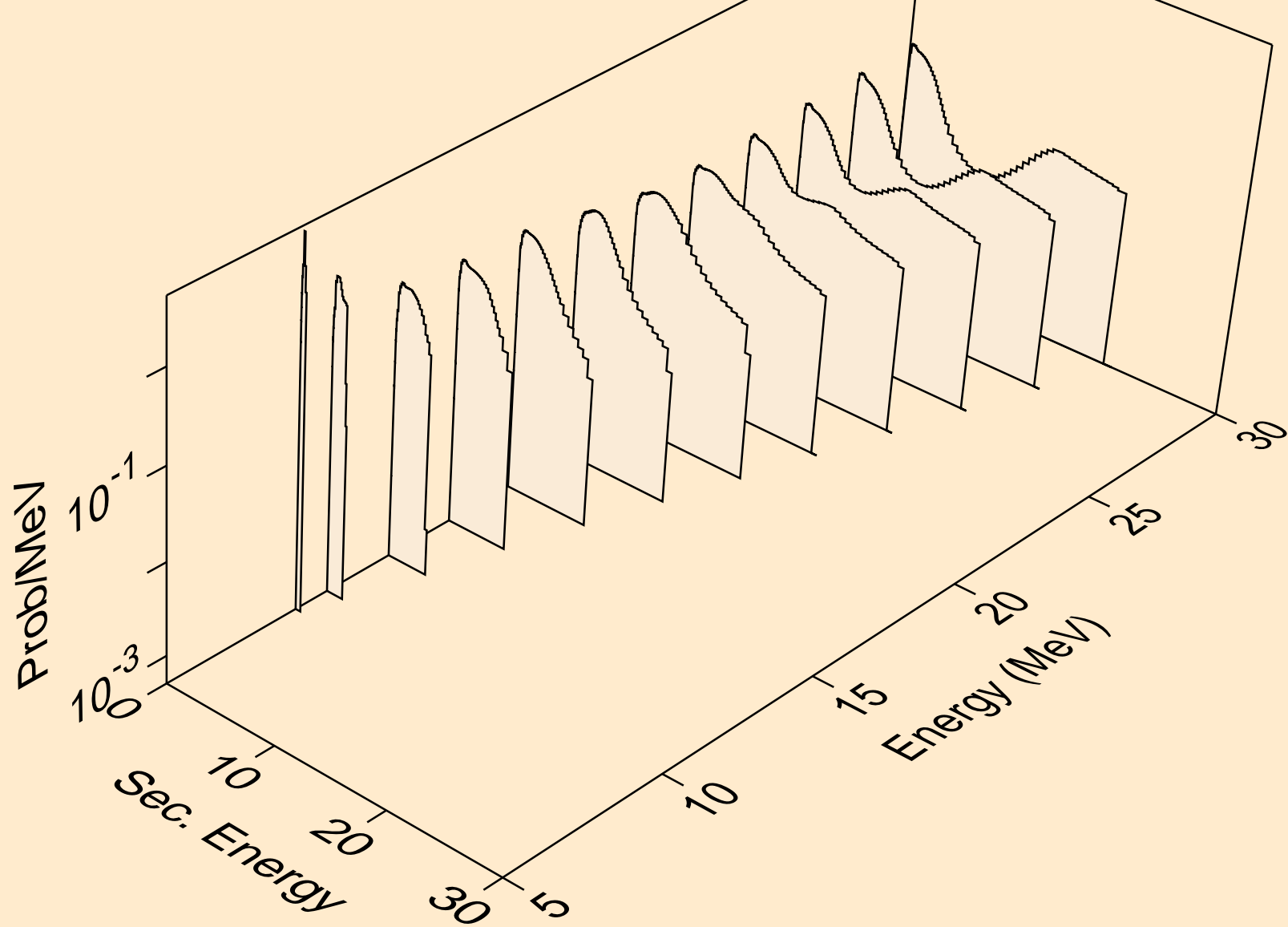


K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)

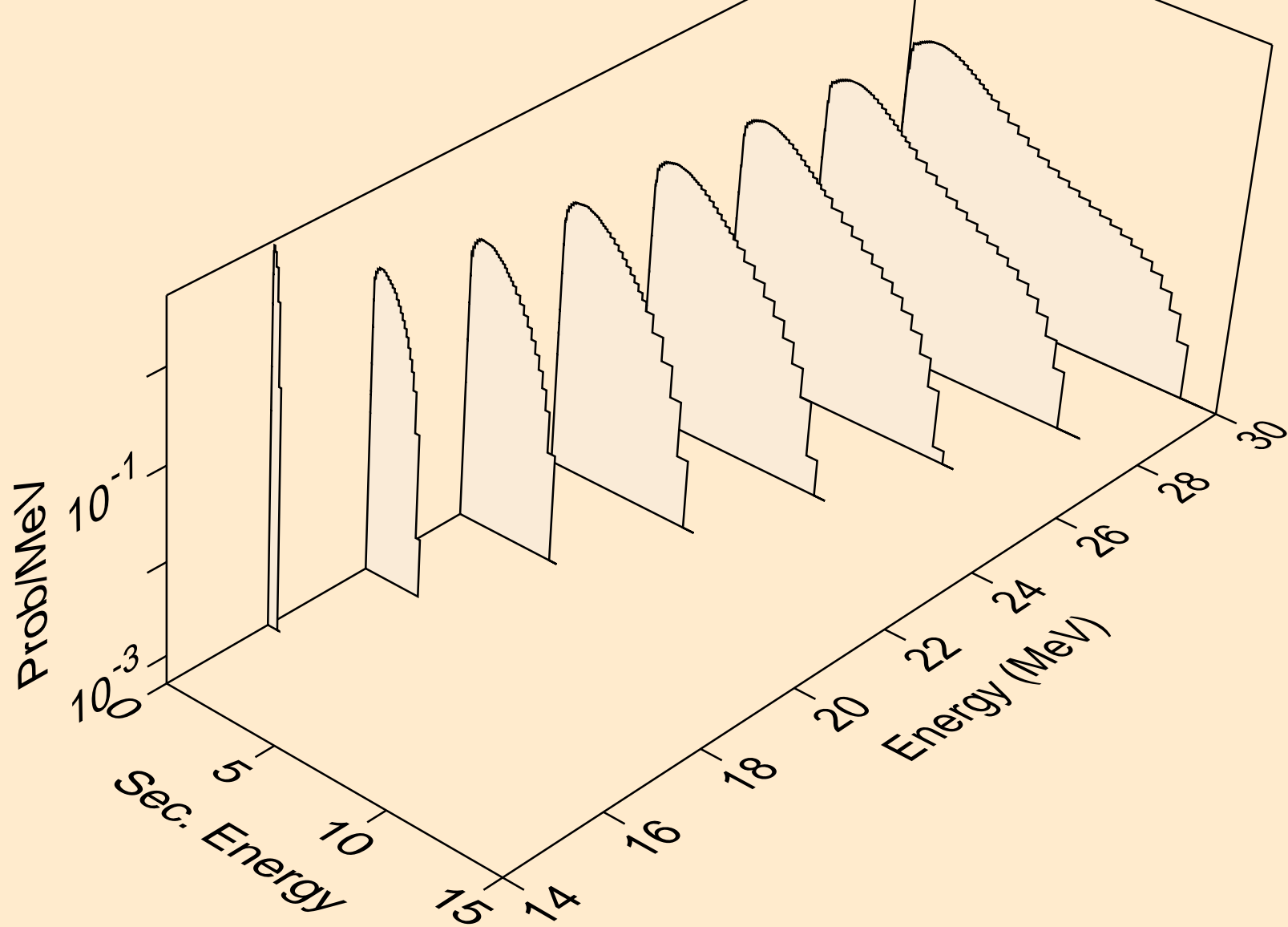




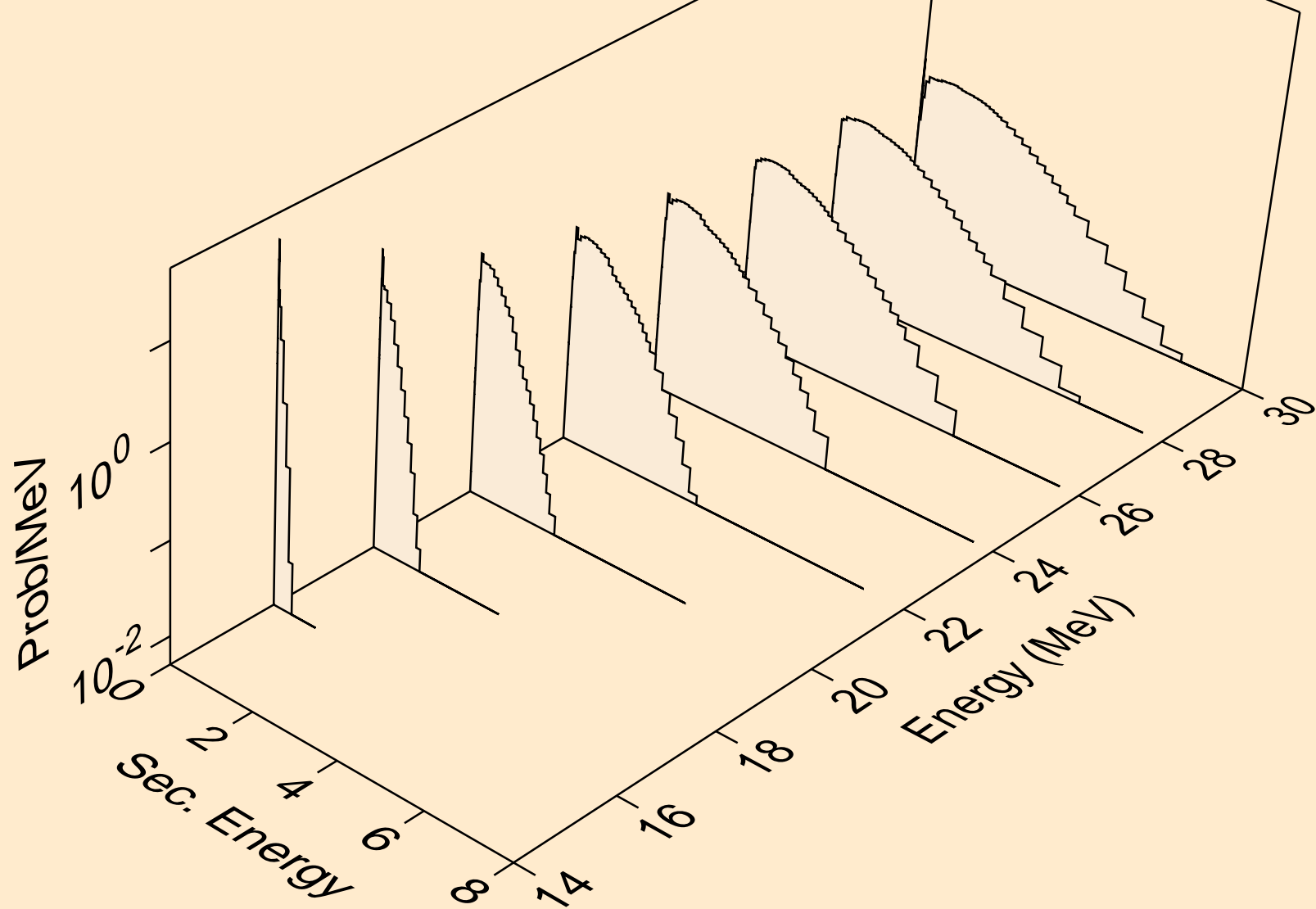
K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



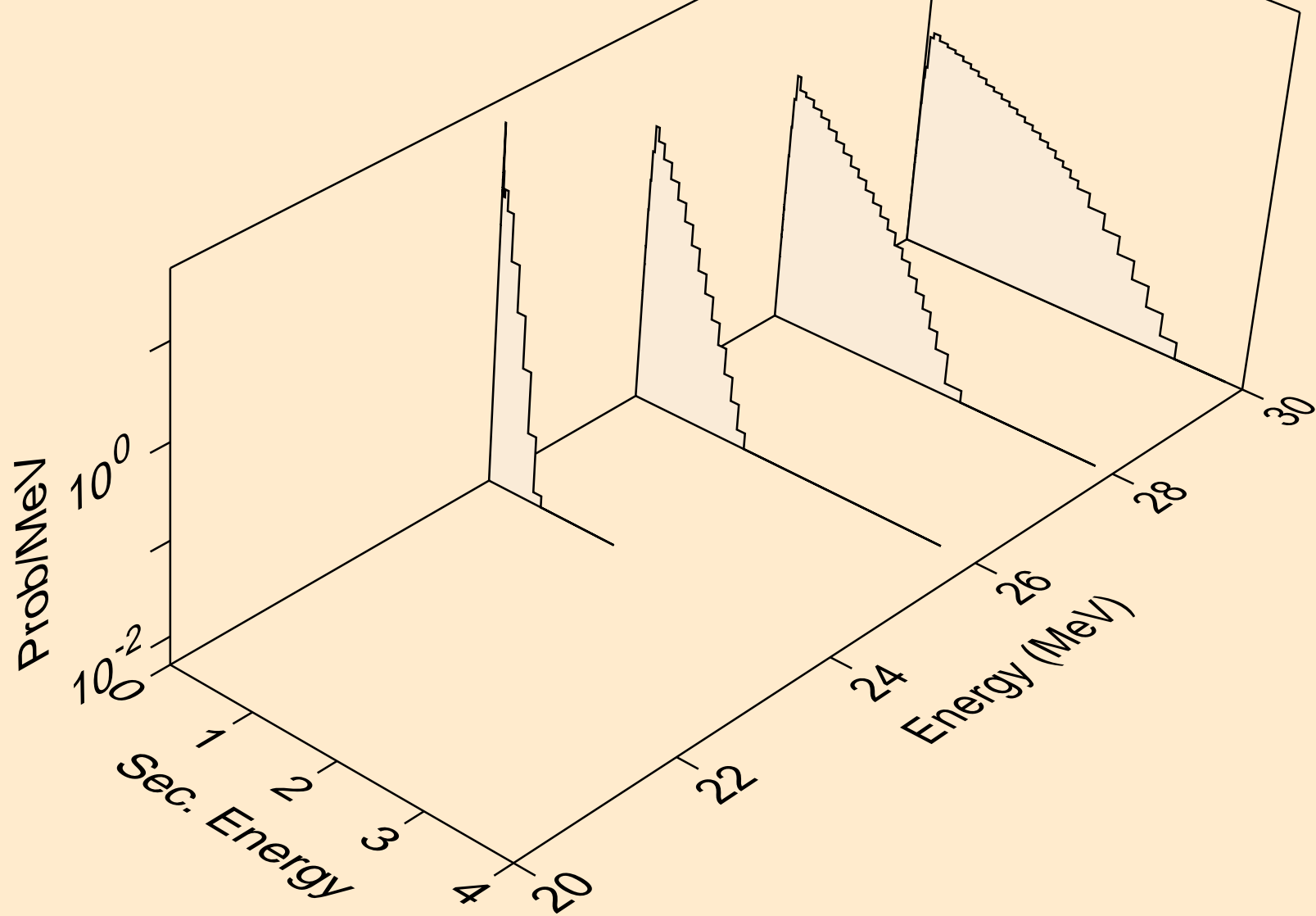
K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



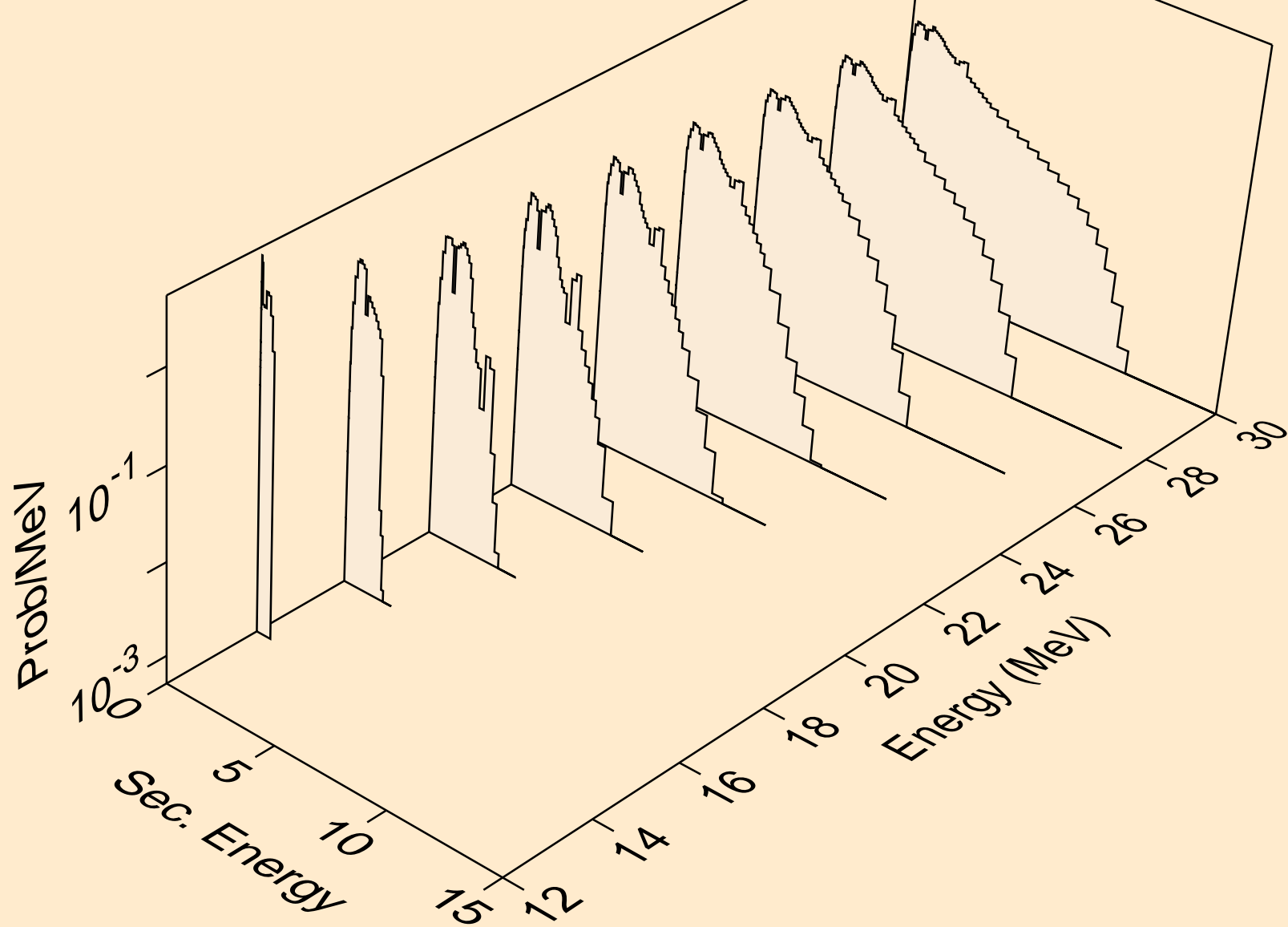
K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



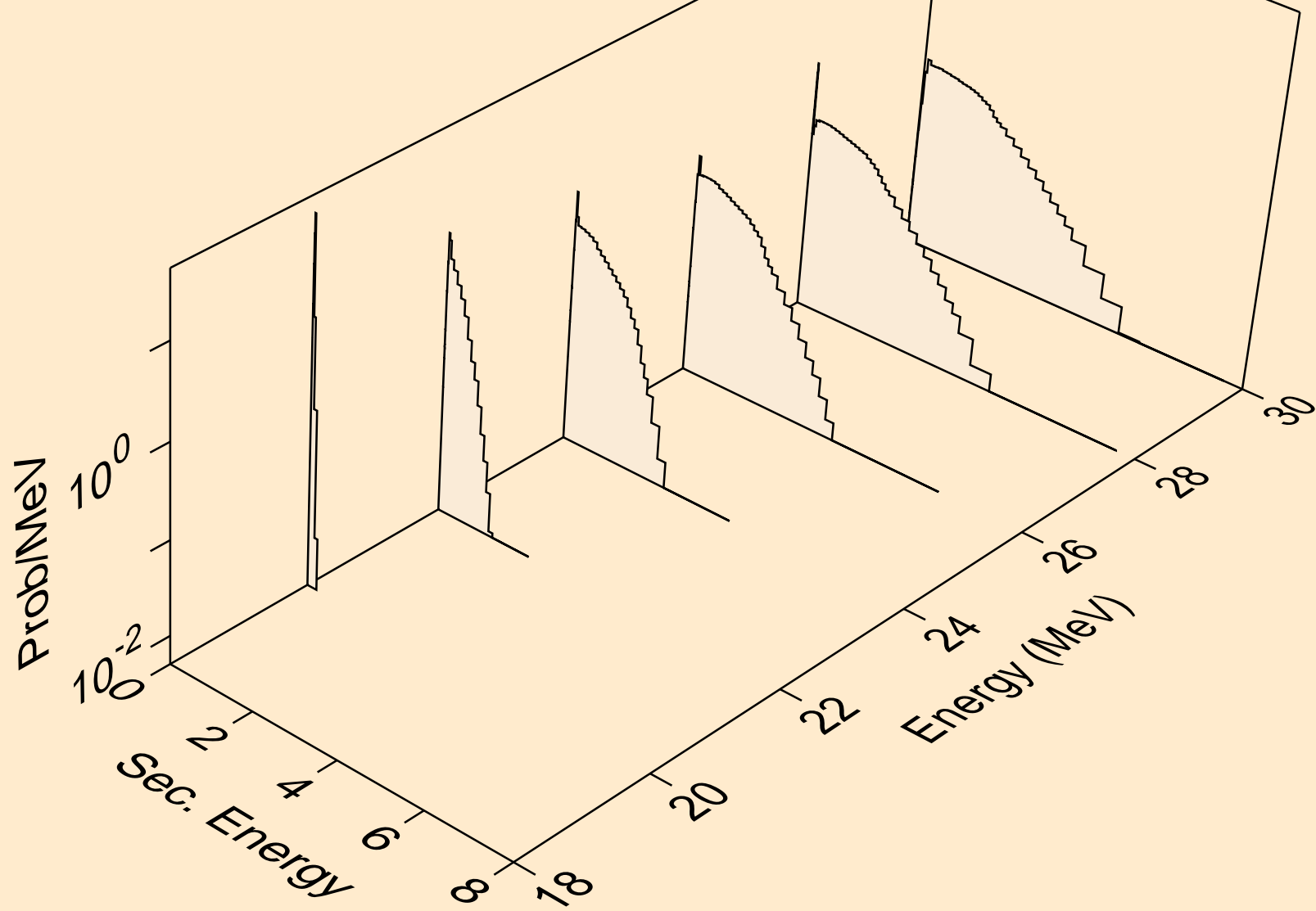
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Neutron emission for (n,2n)a



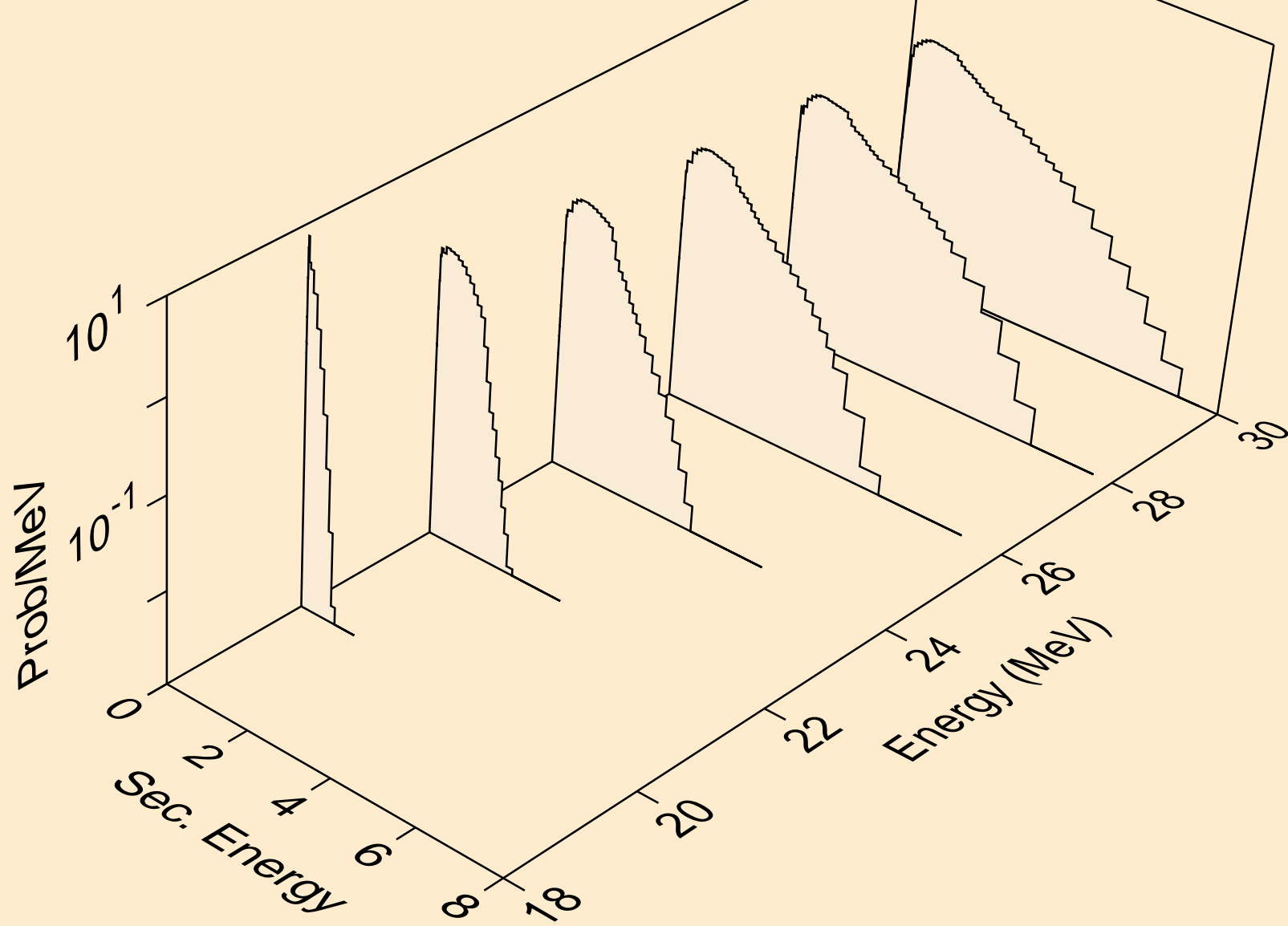
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Neutron emission for (n,n\*)p



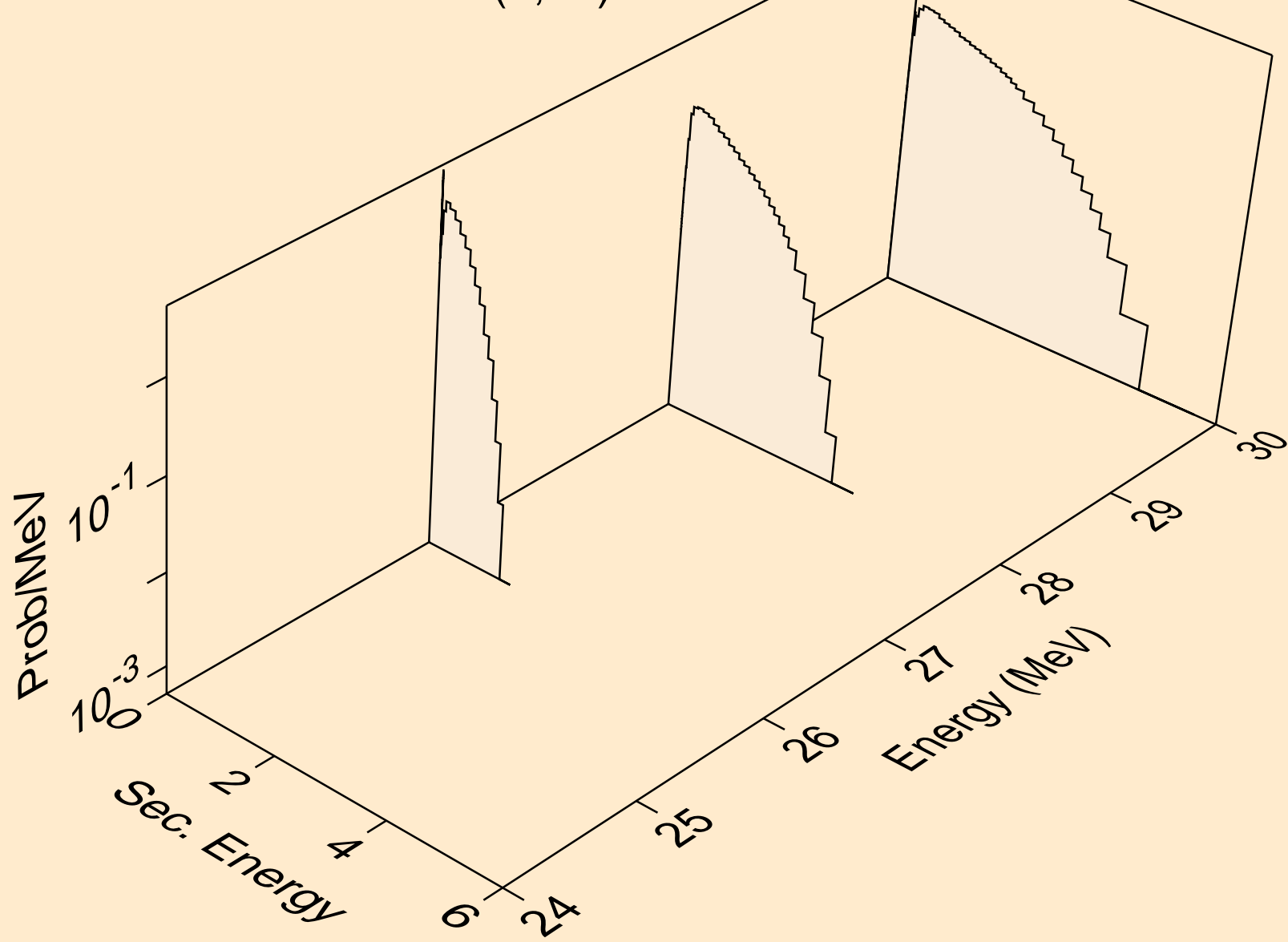
K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t

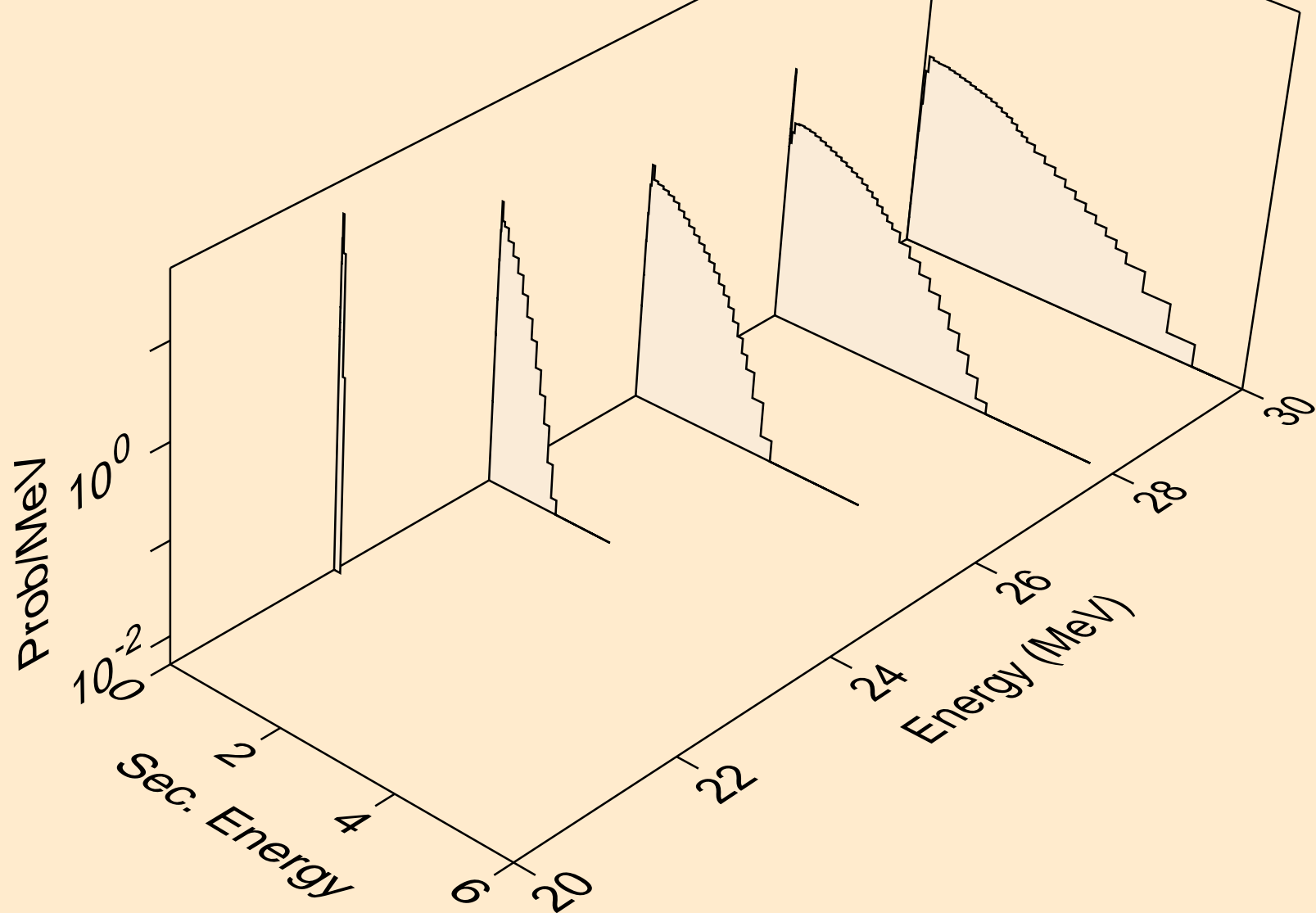


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Neutron emission for (n,4n)

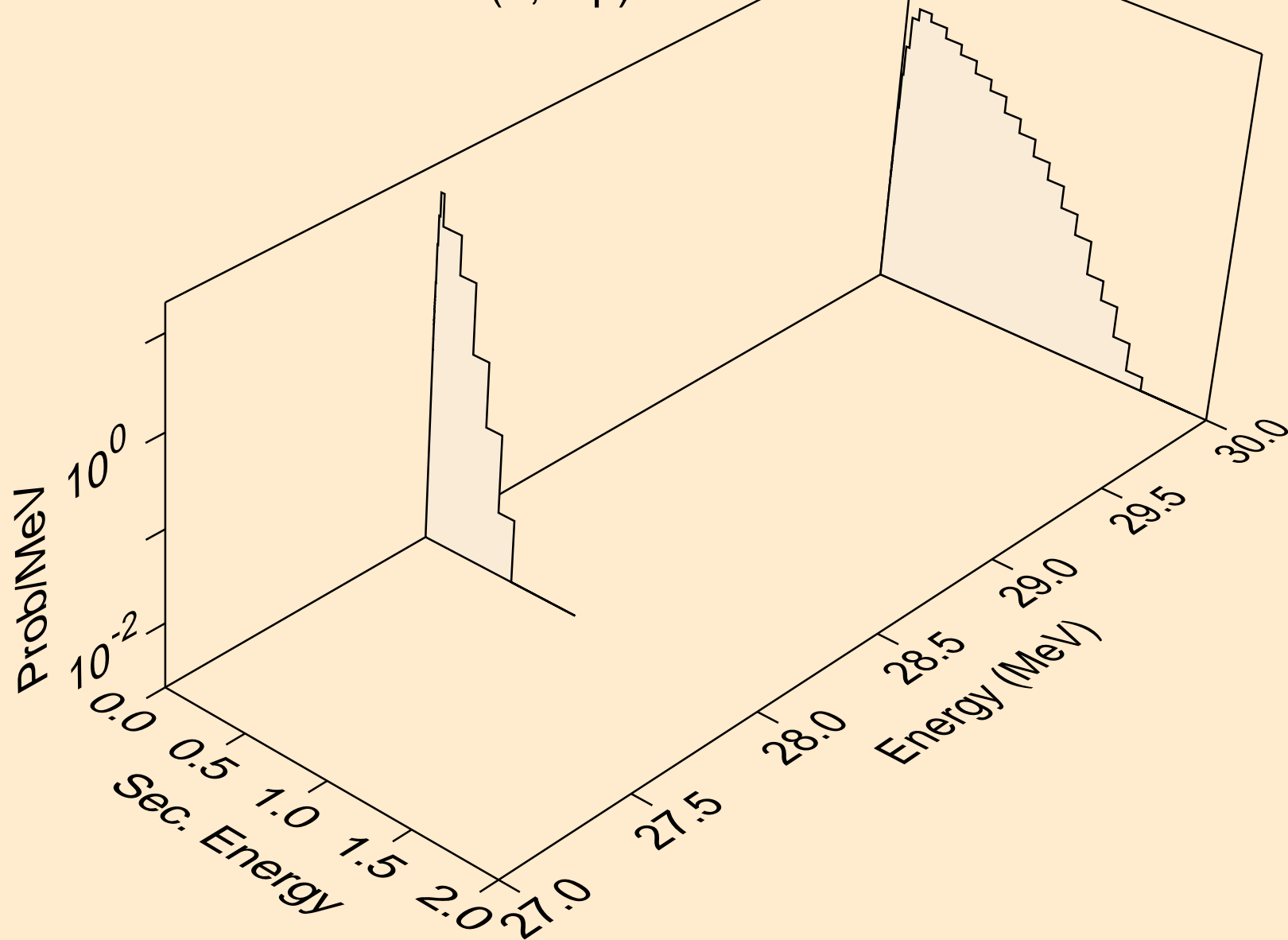




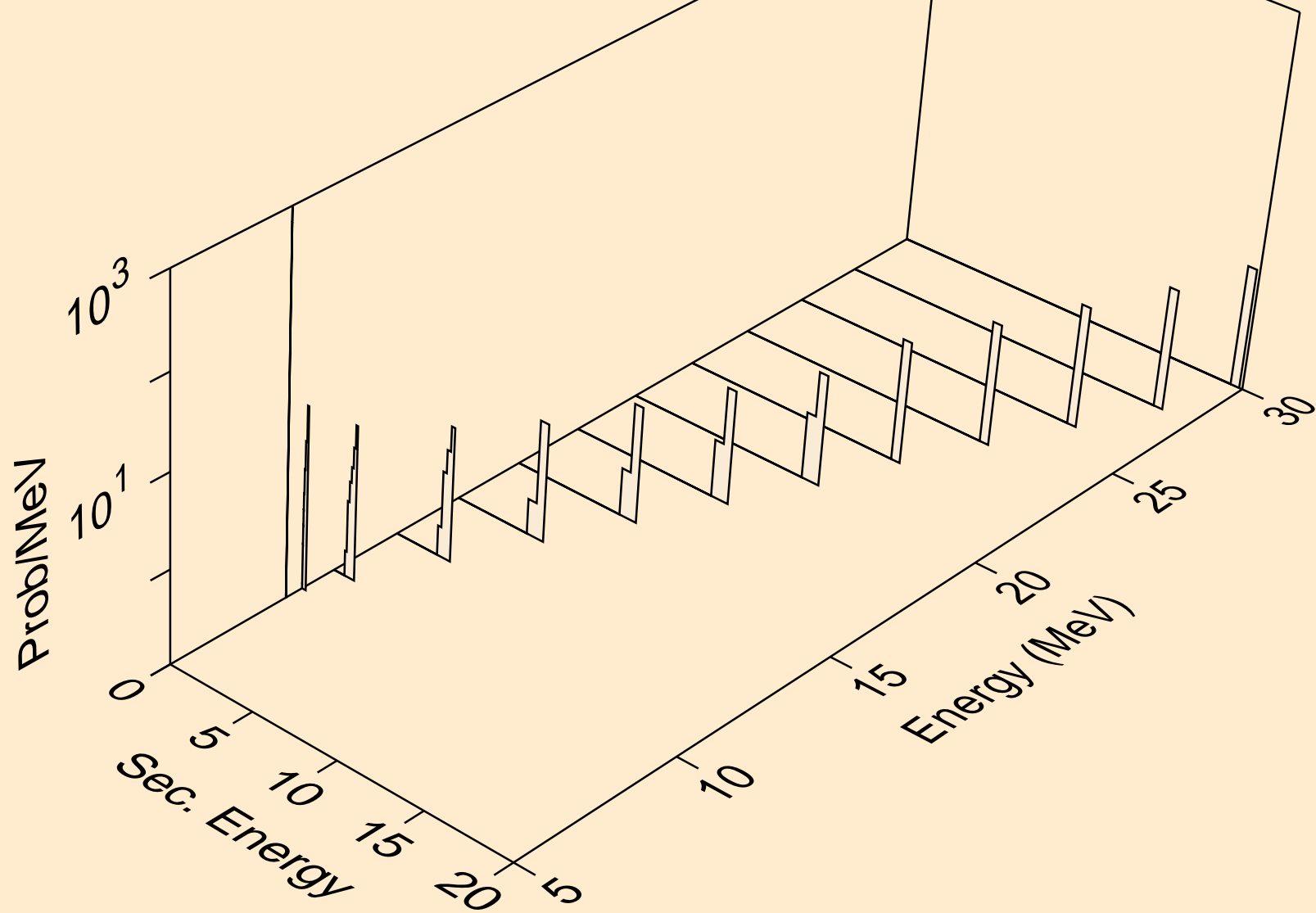
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Neutron emission for (n,2np)



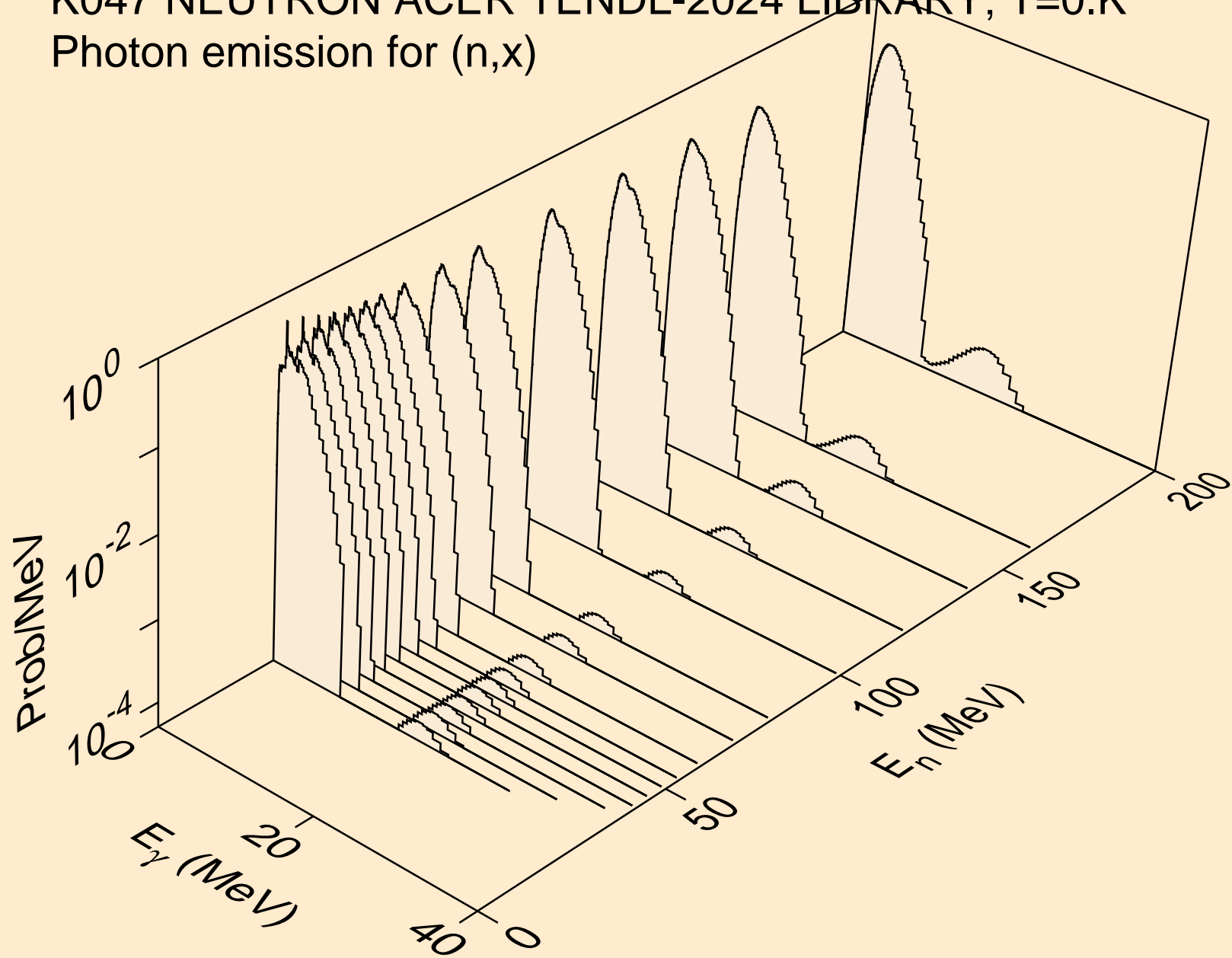
K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



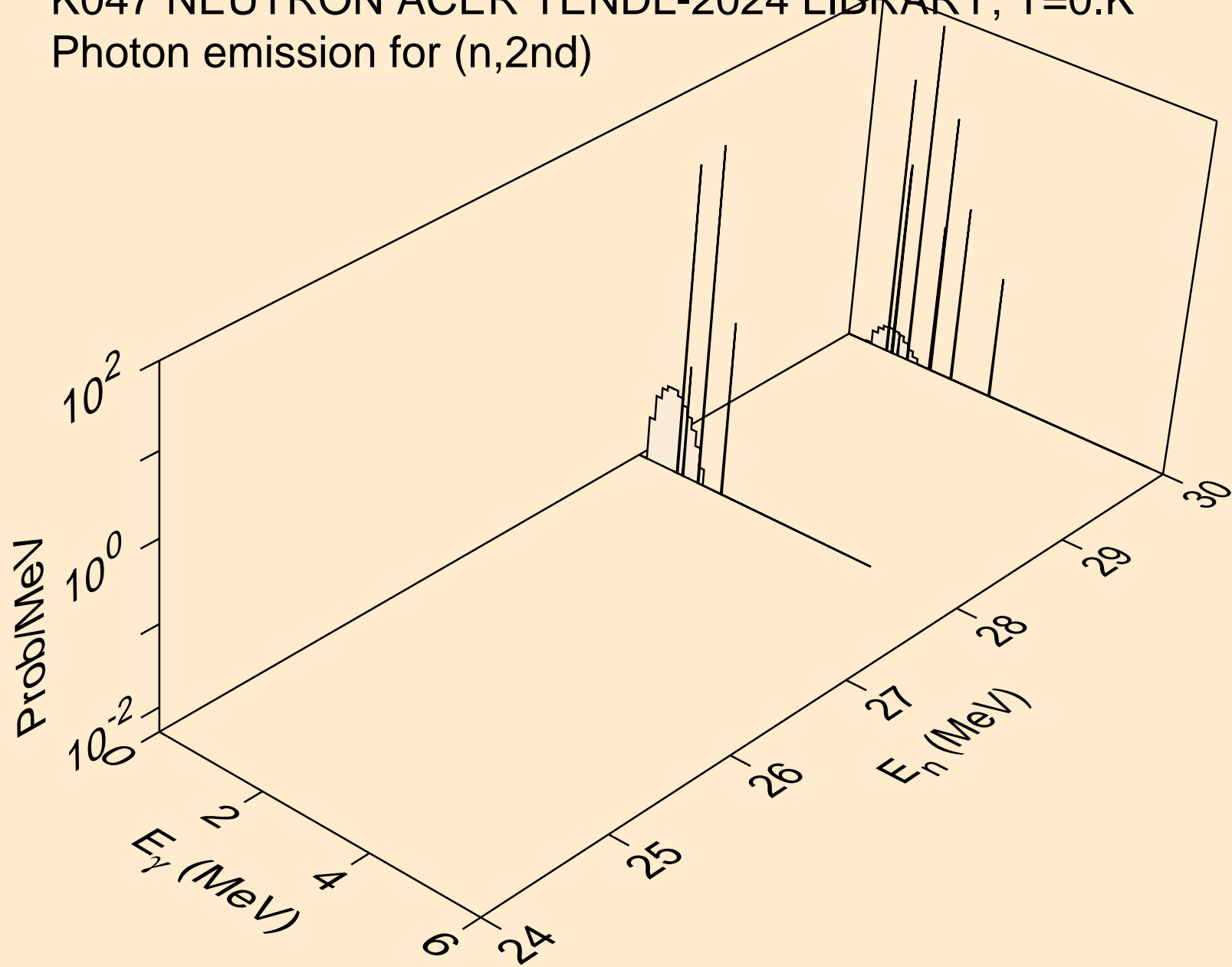
K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



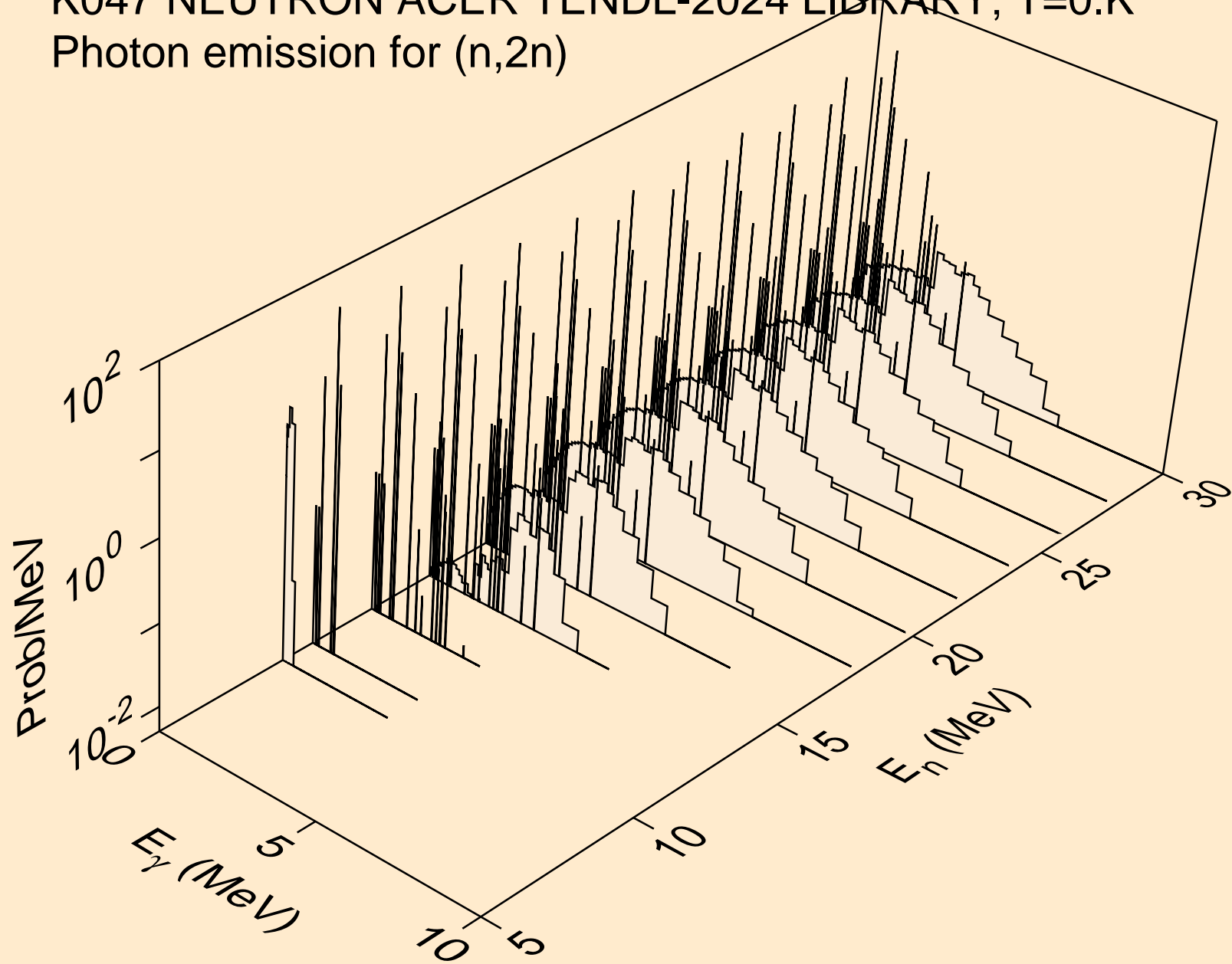
K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



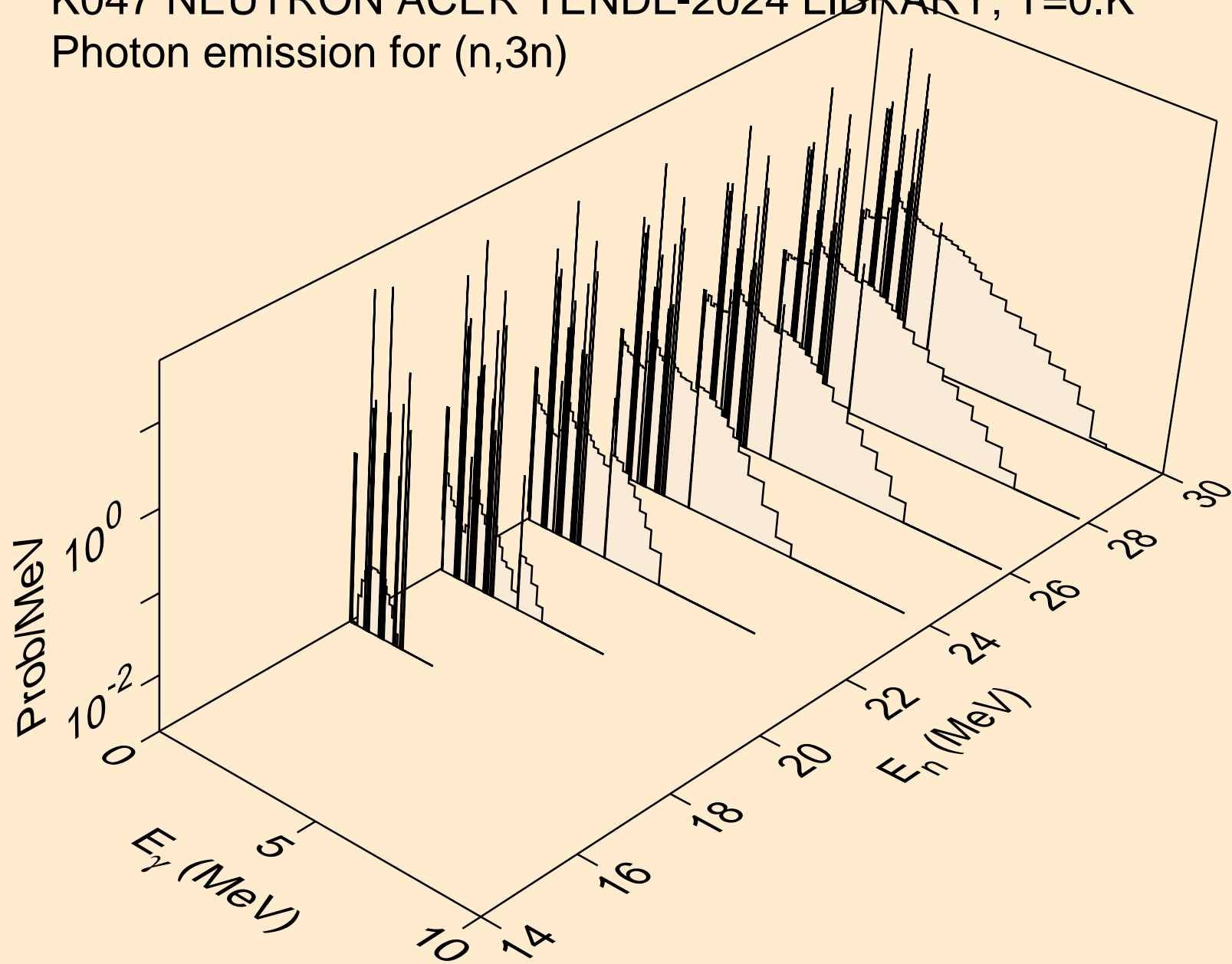
K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



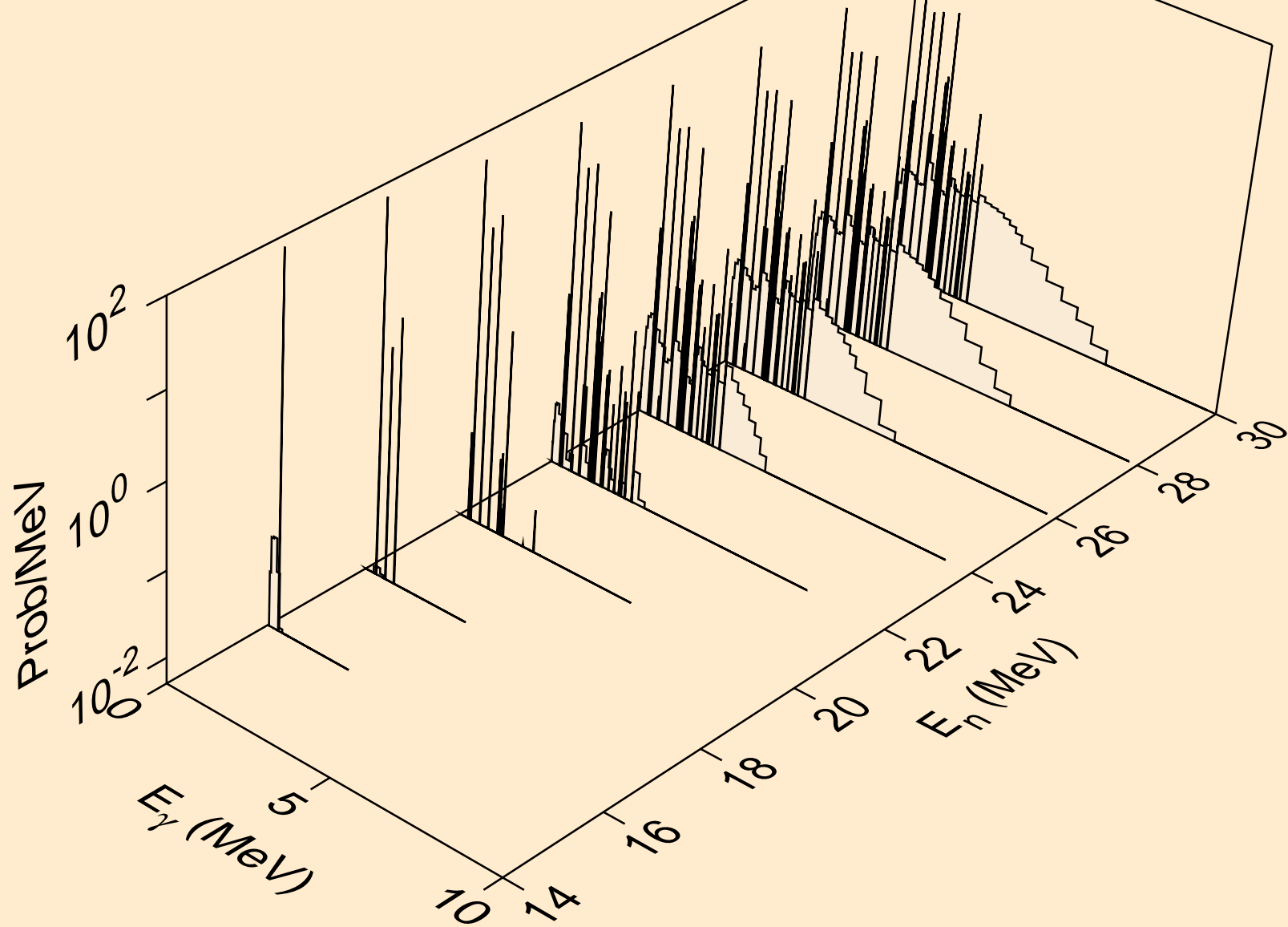
K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)

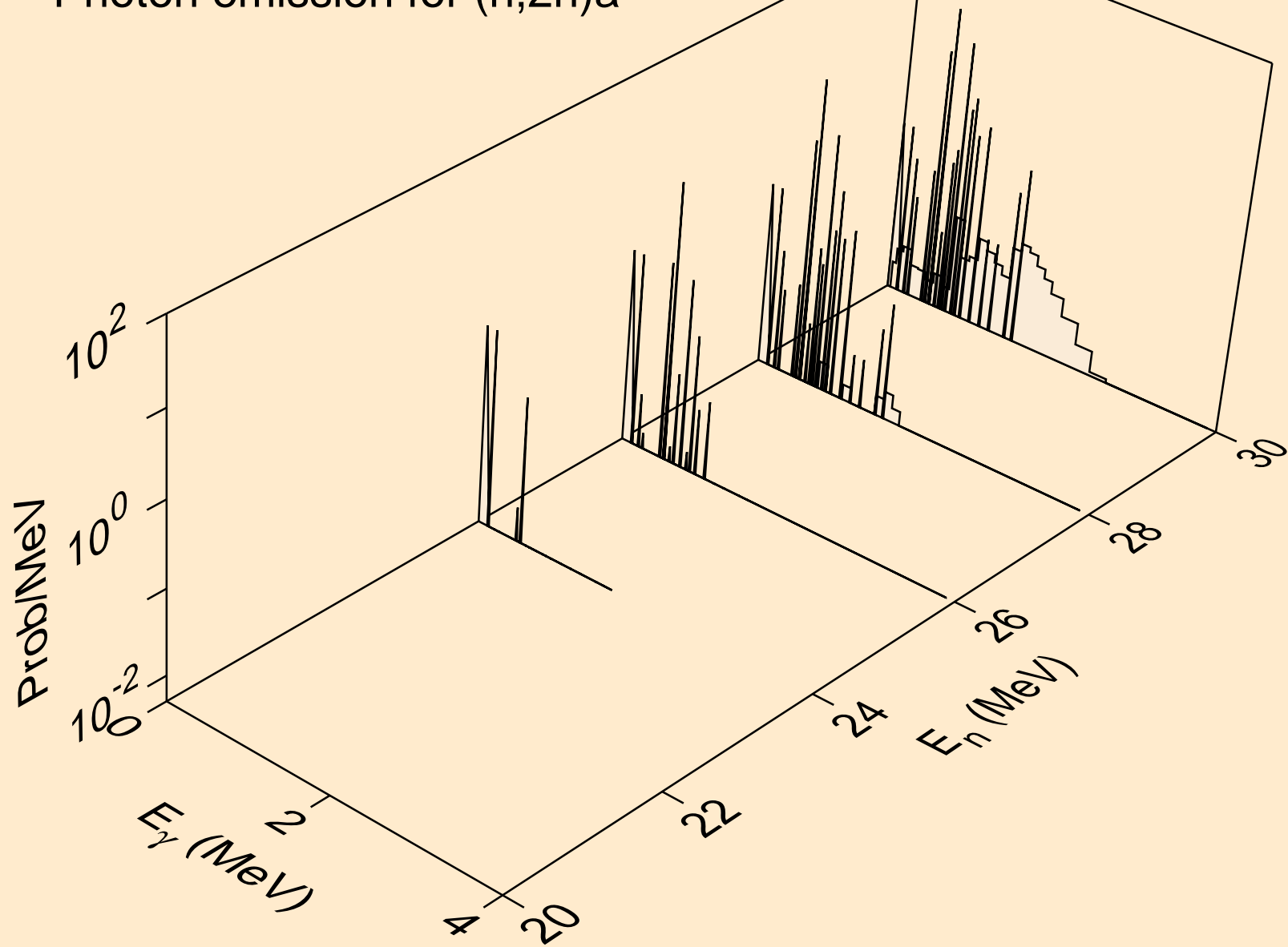


K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

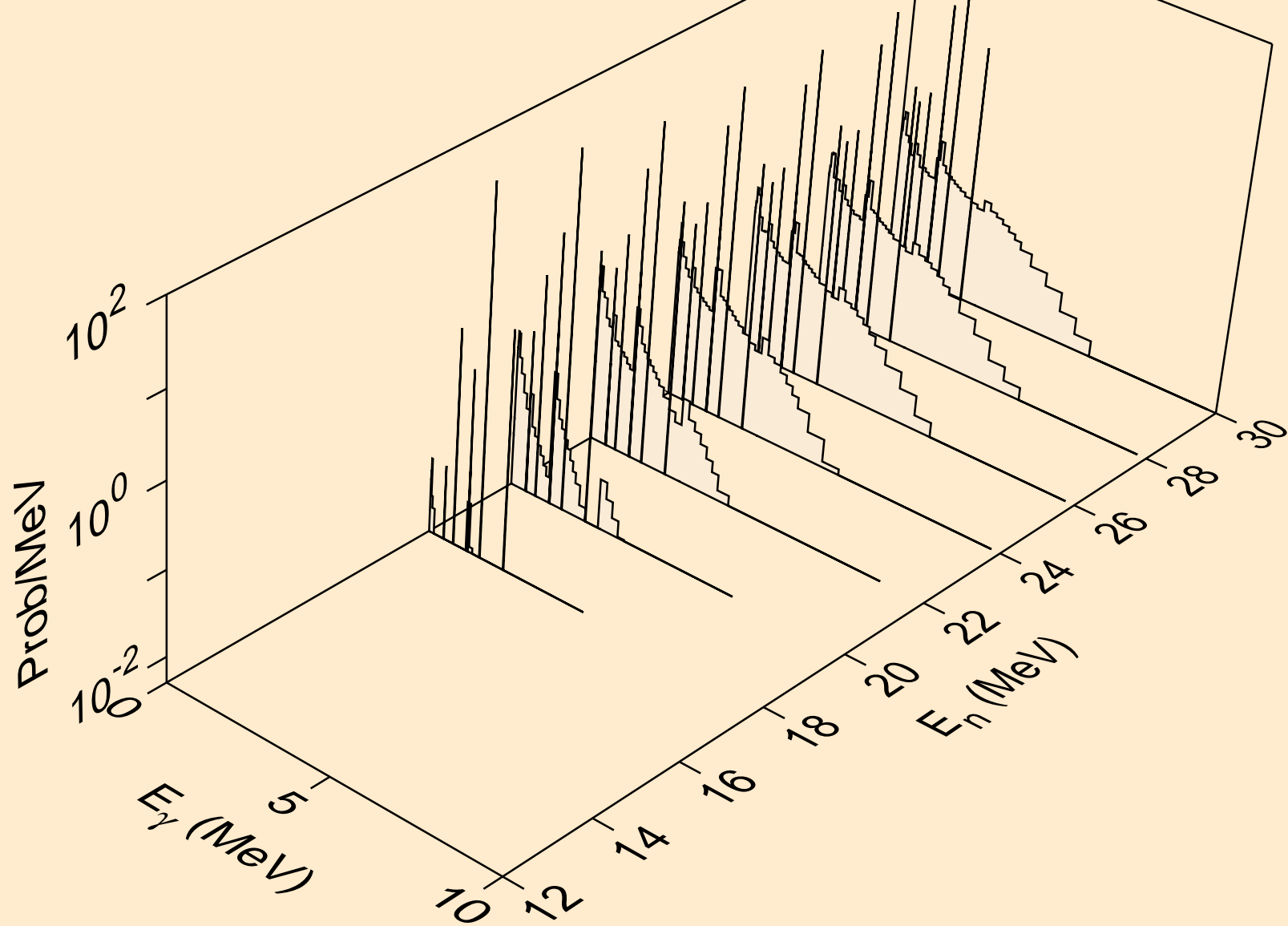




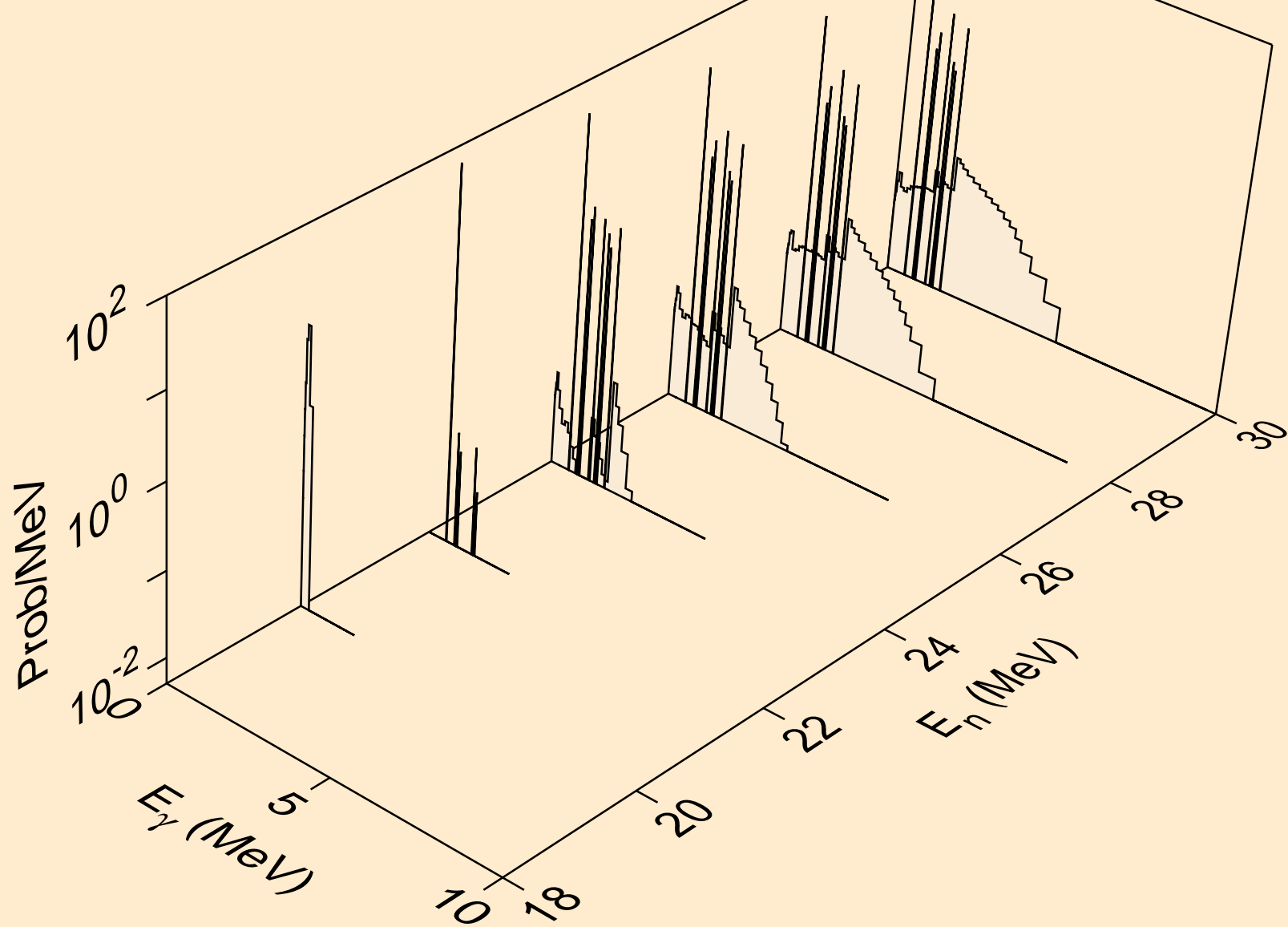
K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



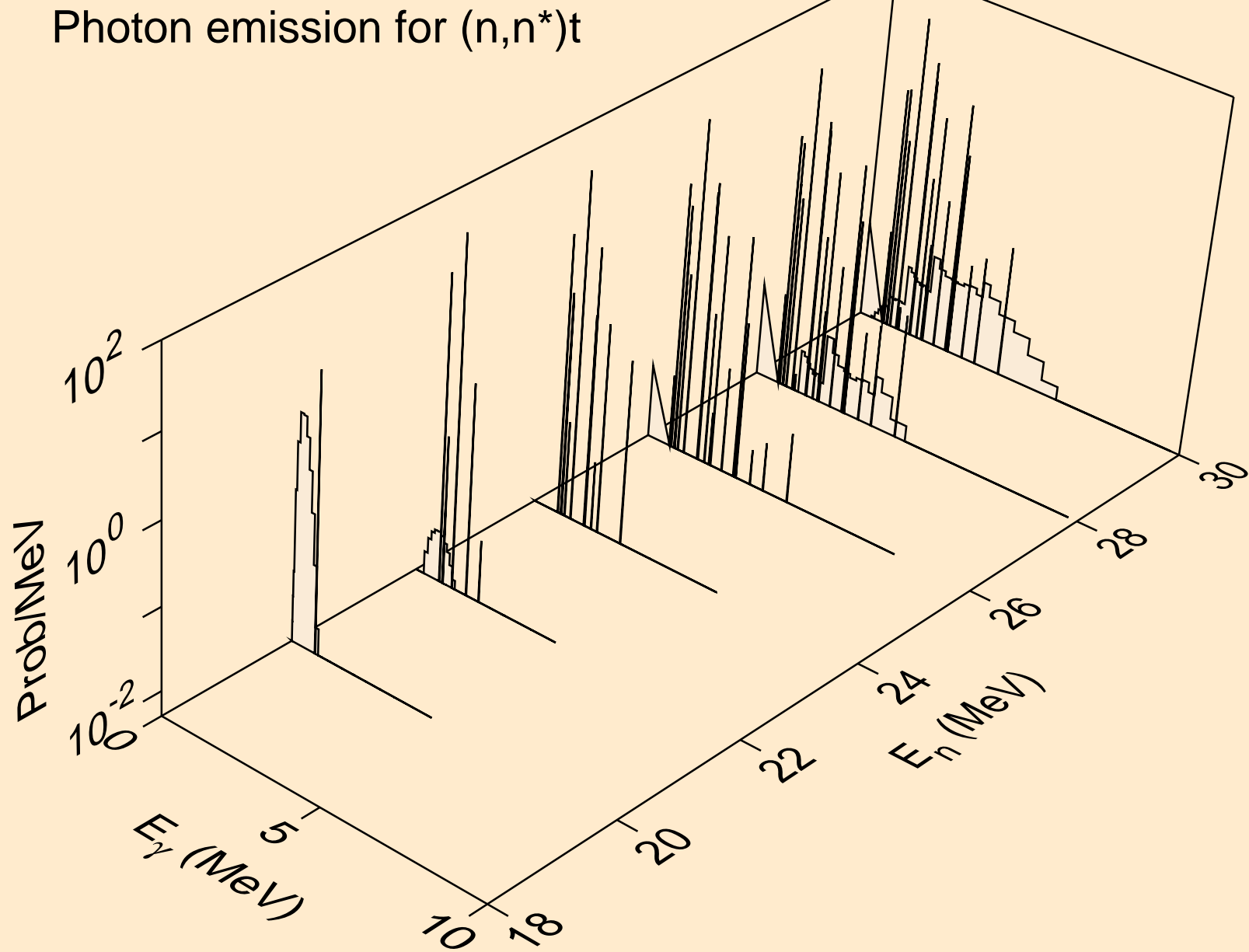
K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



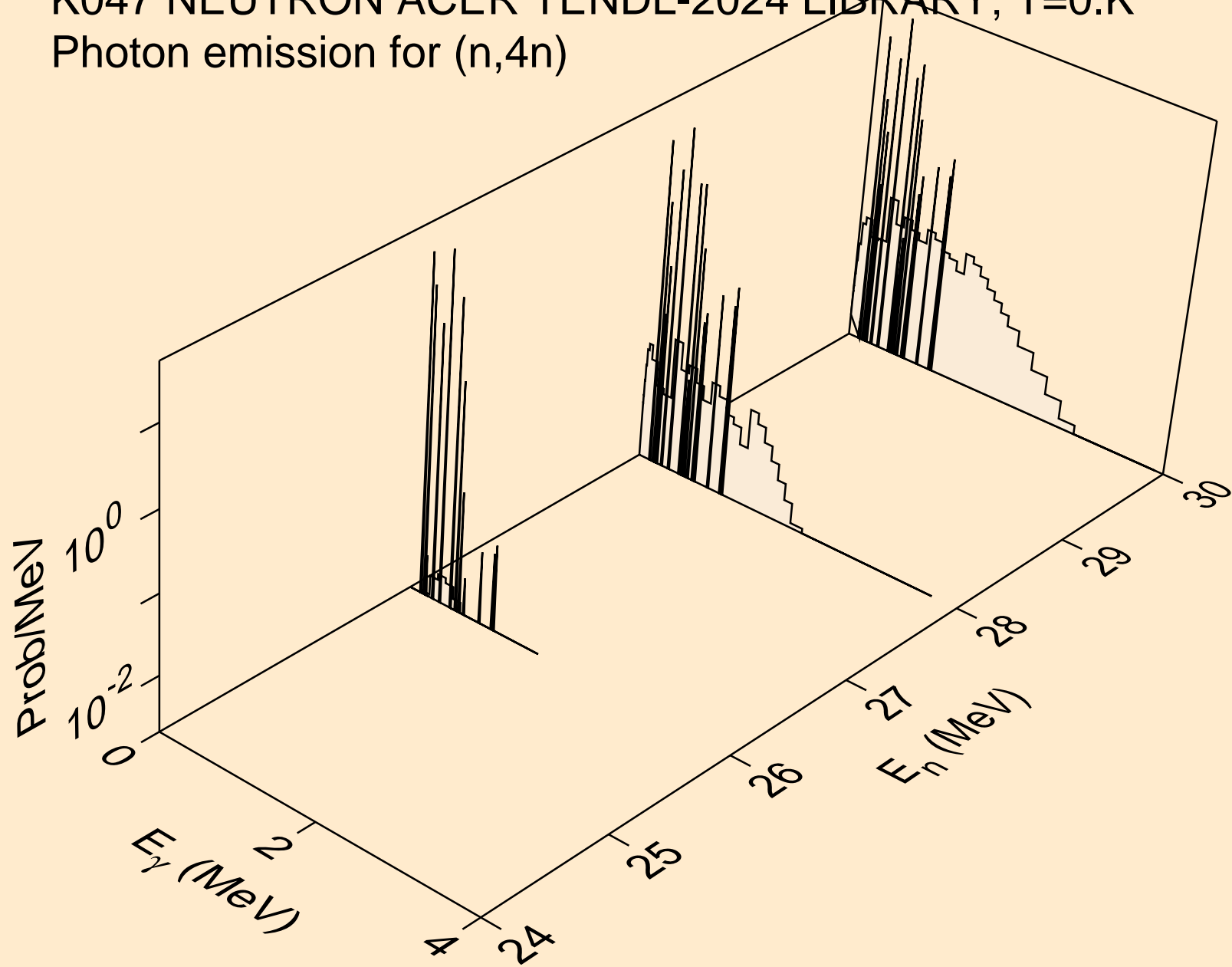
K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



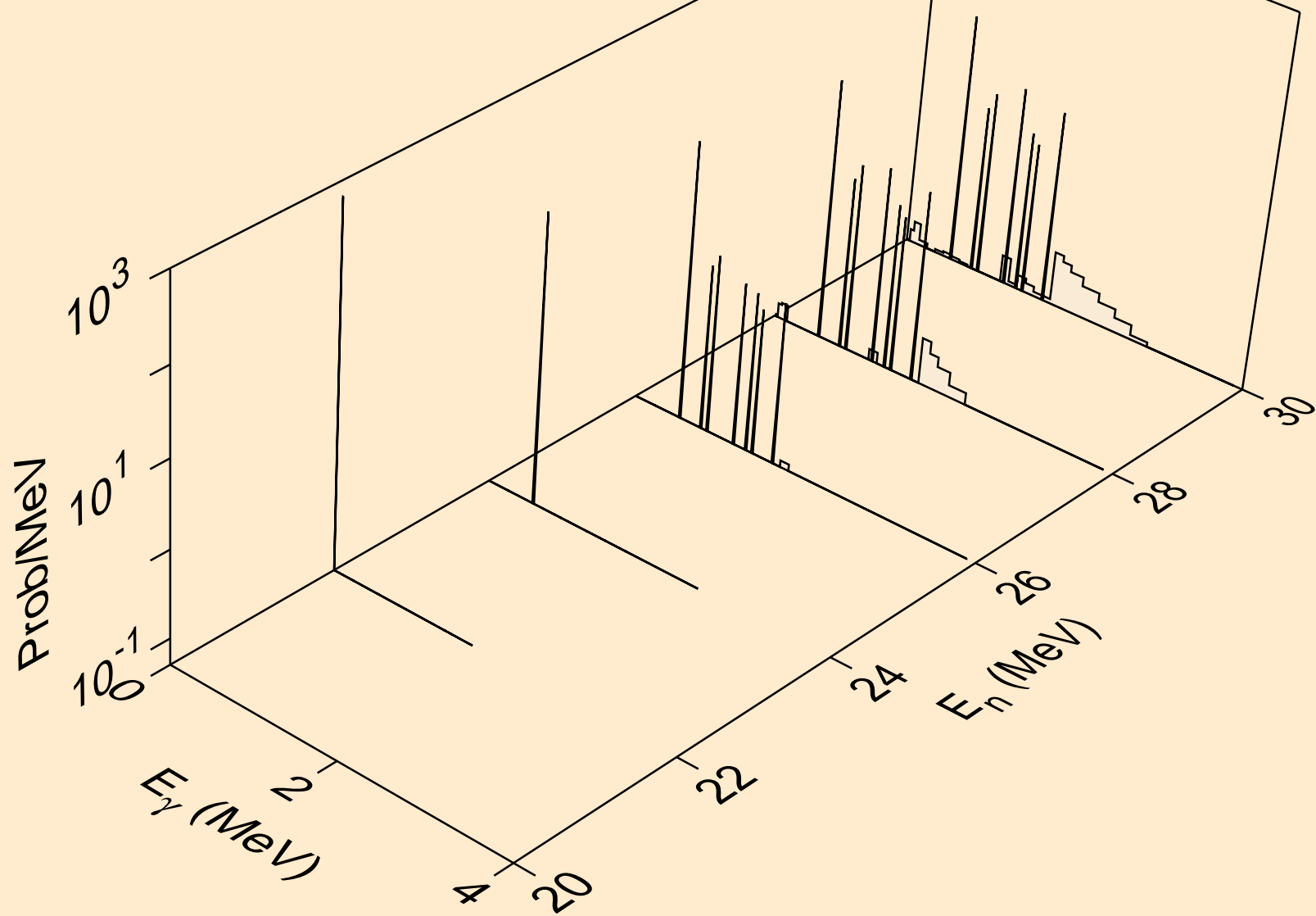
K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



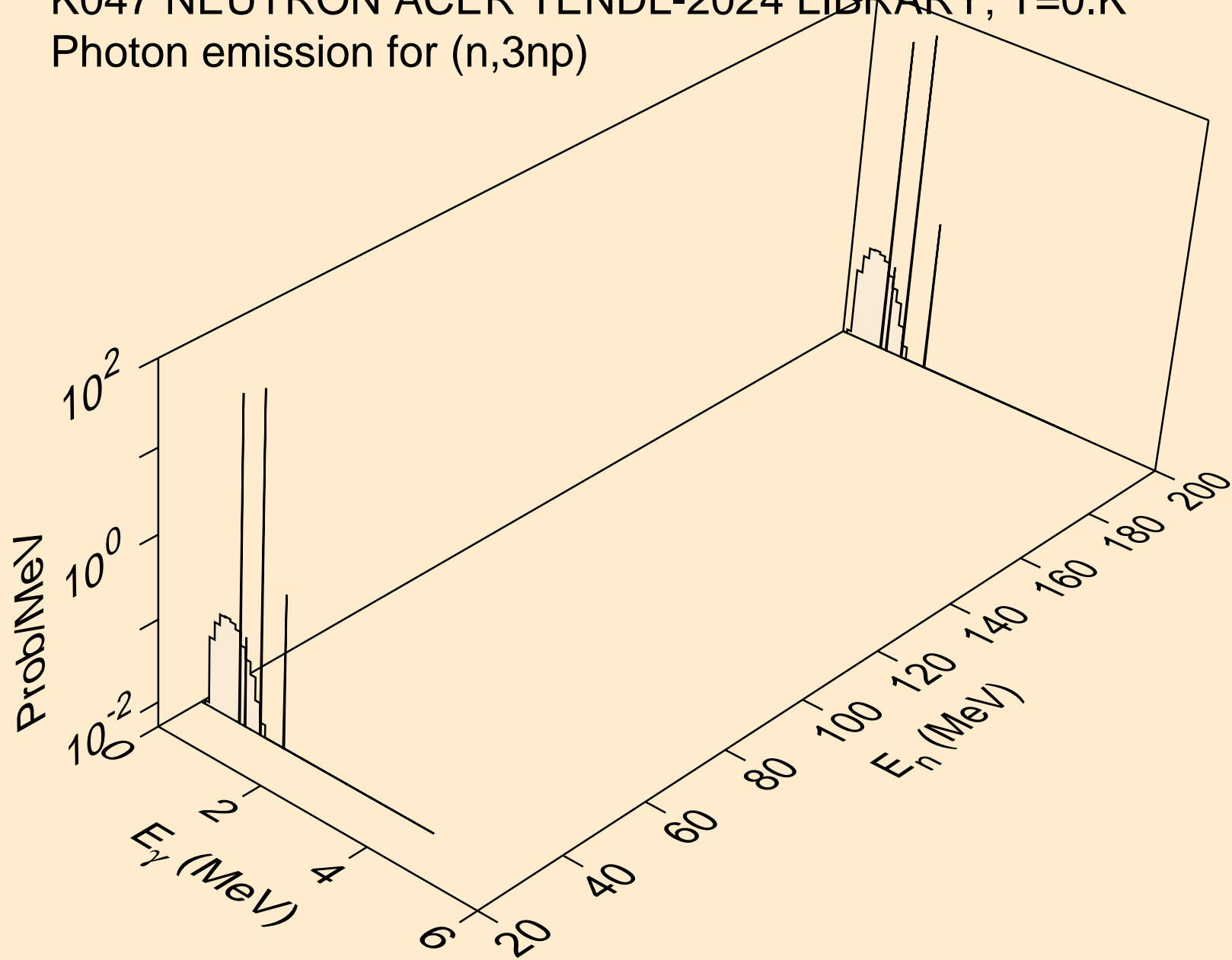
K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



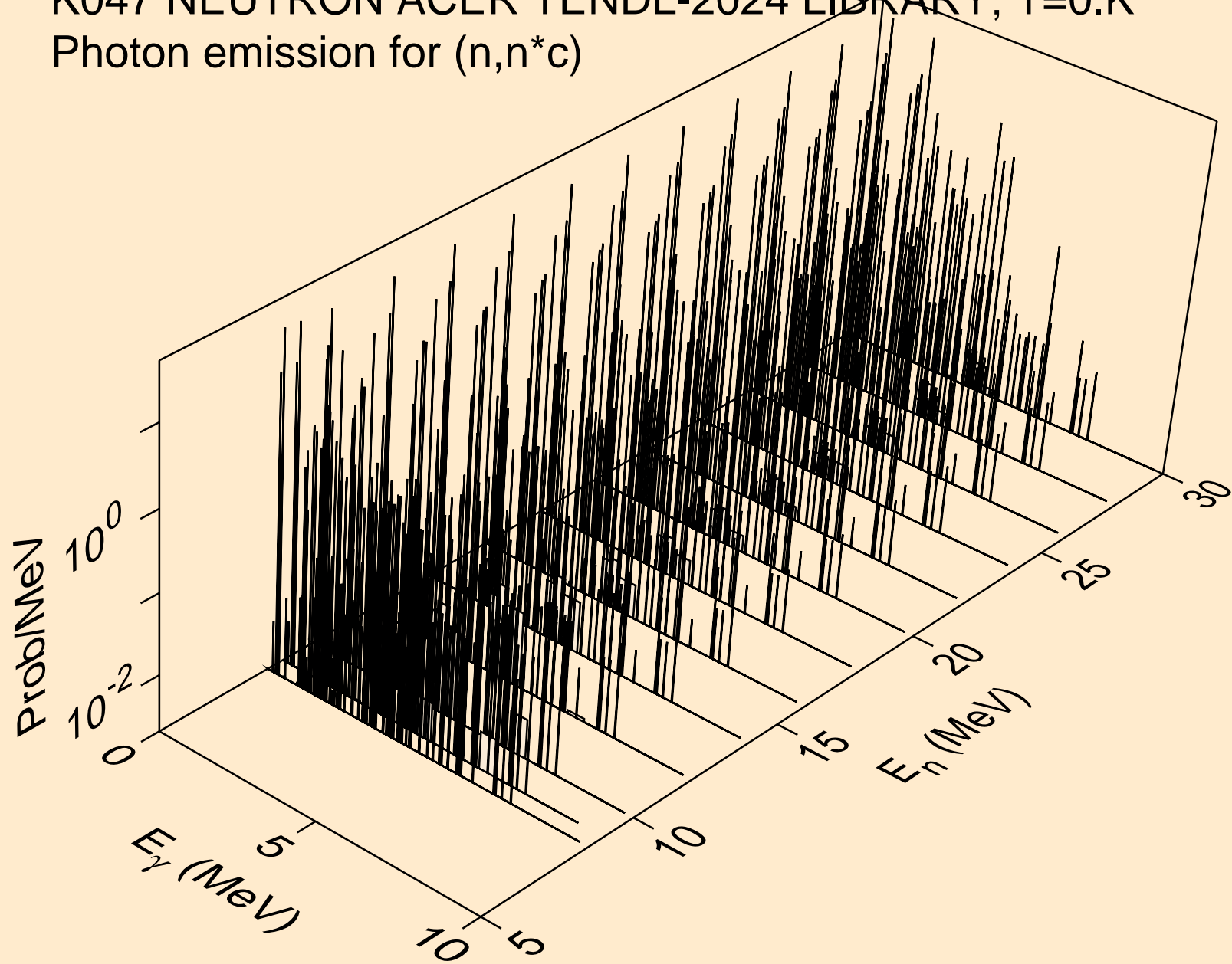
K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)

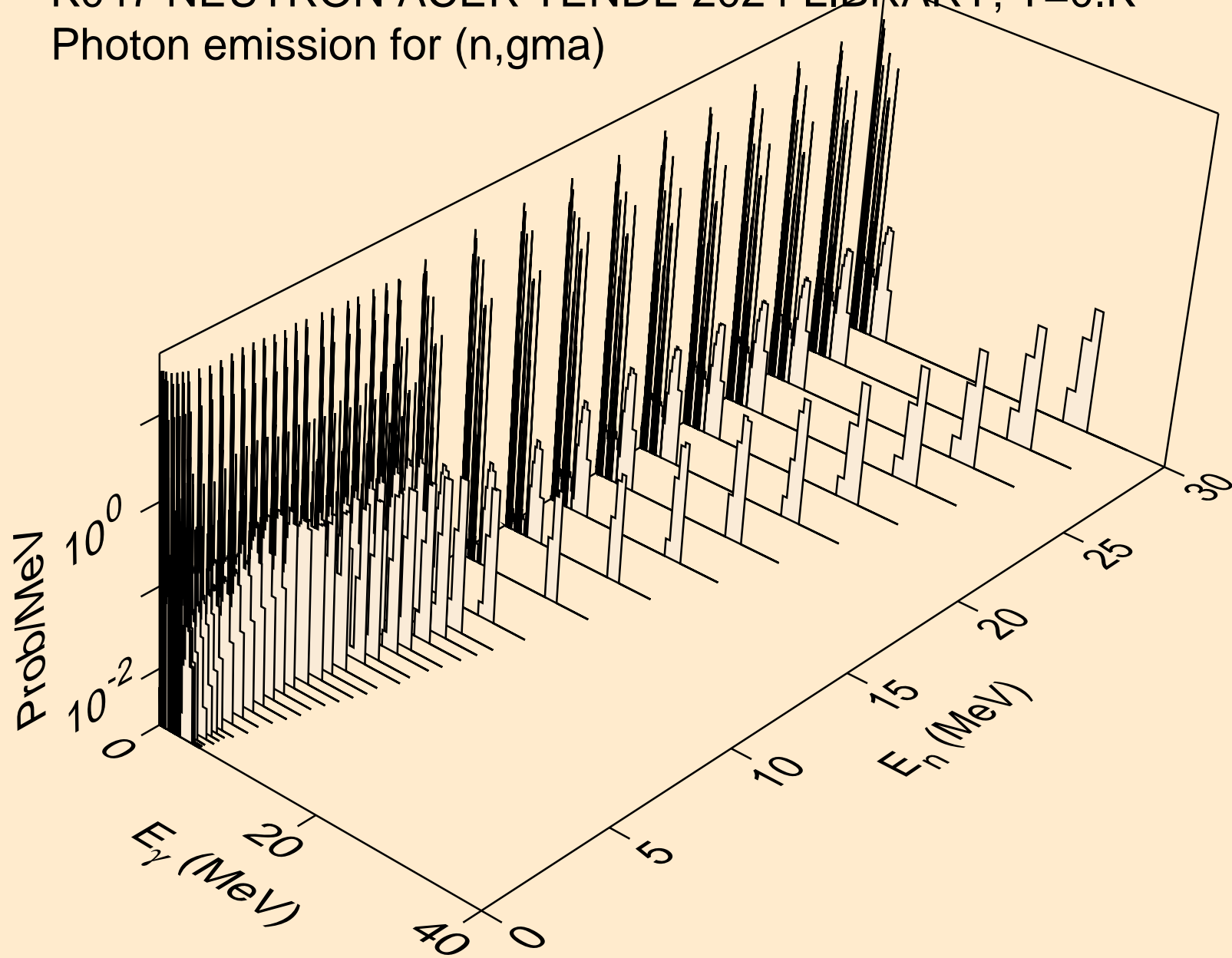


K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)

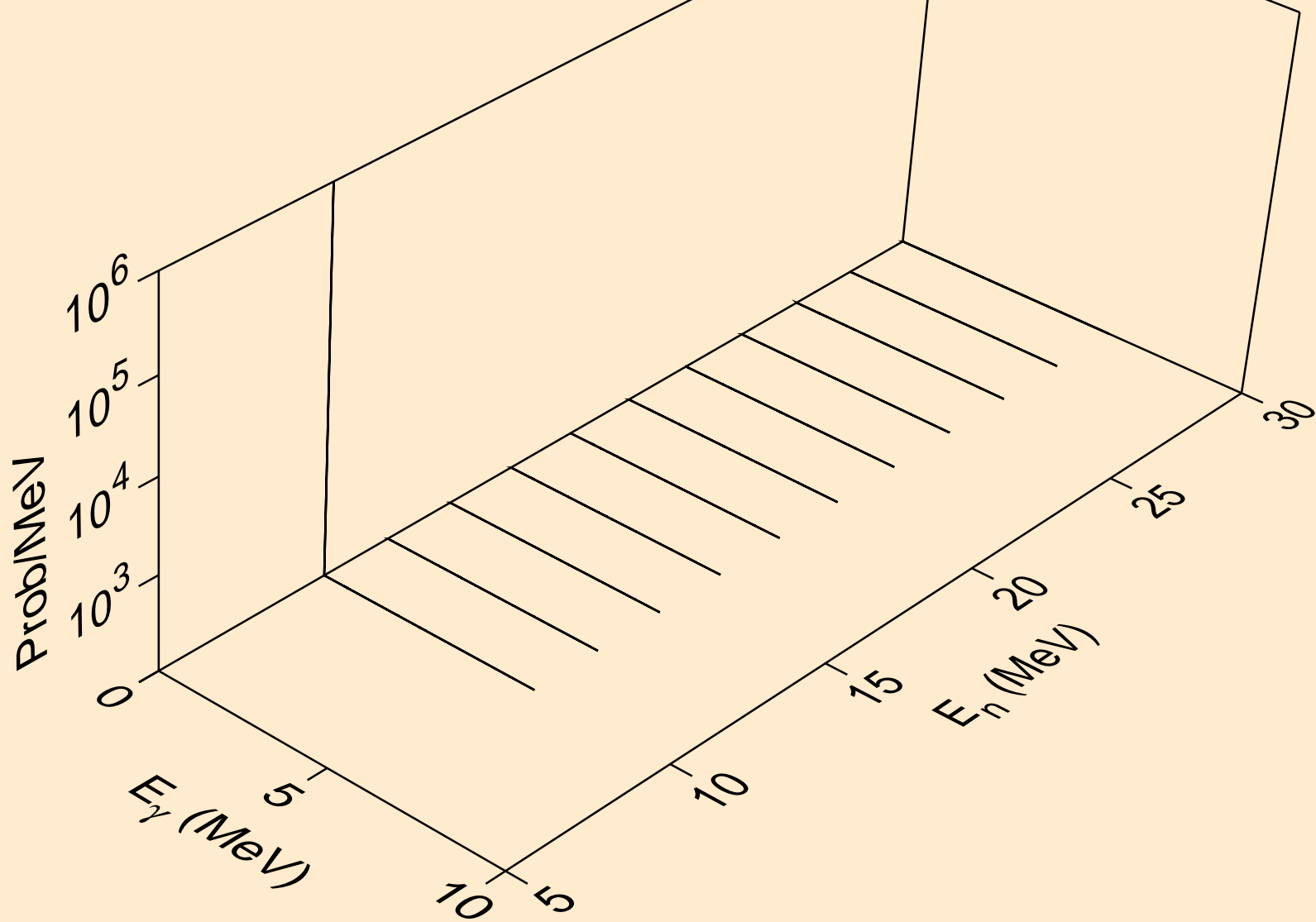




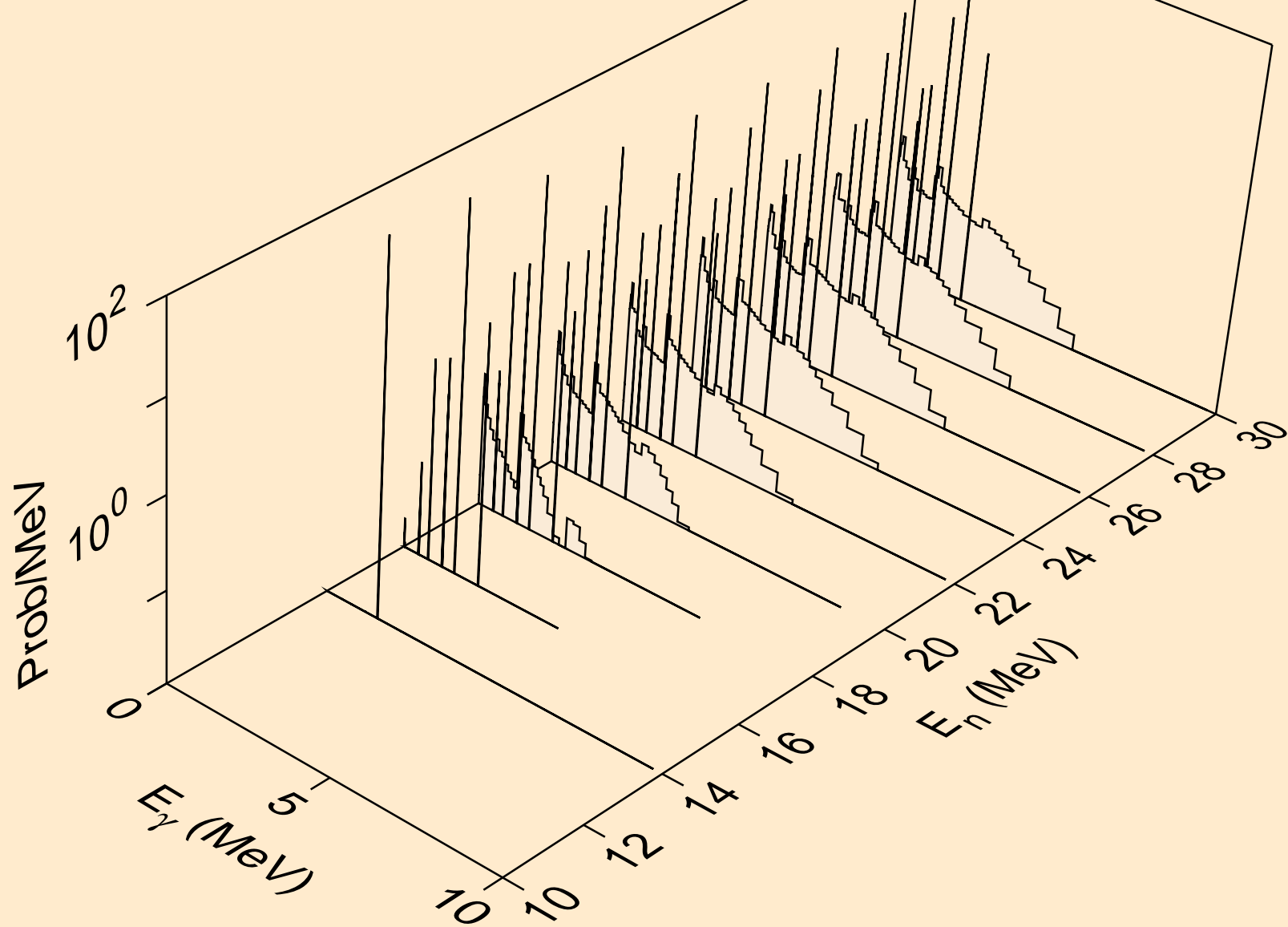
K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



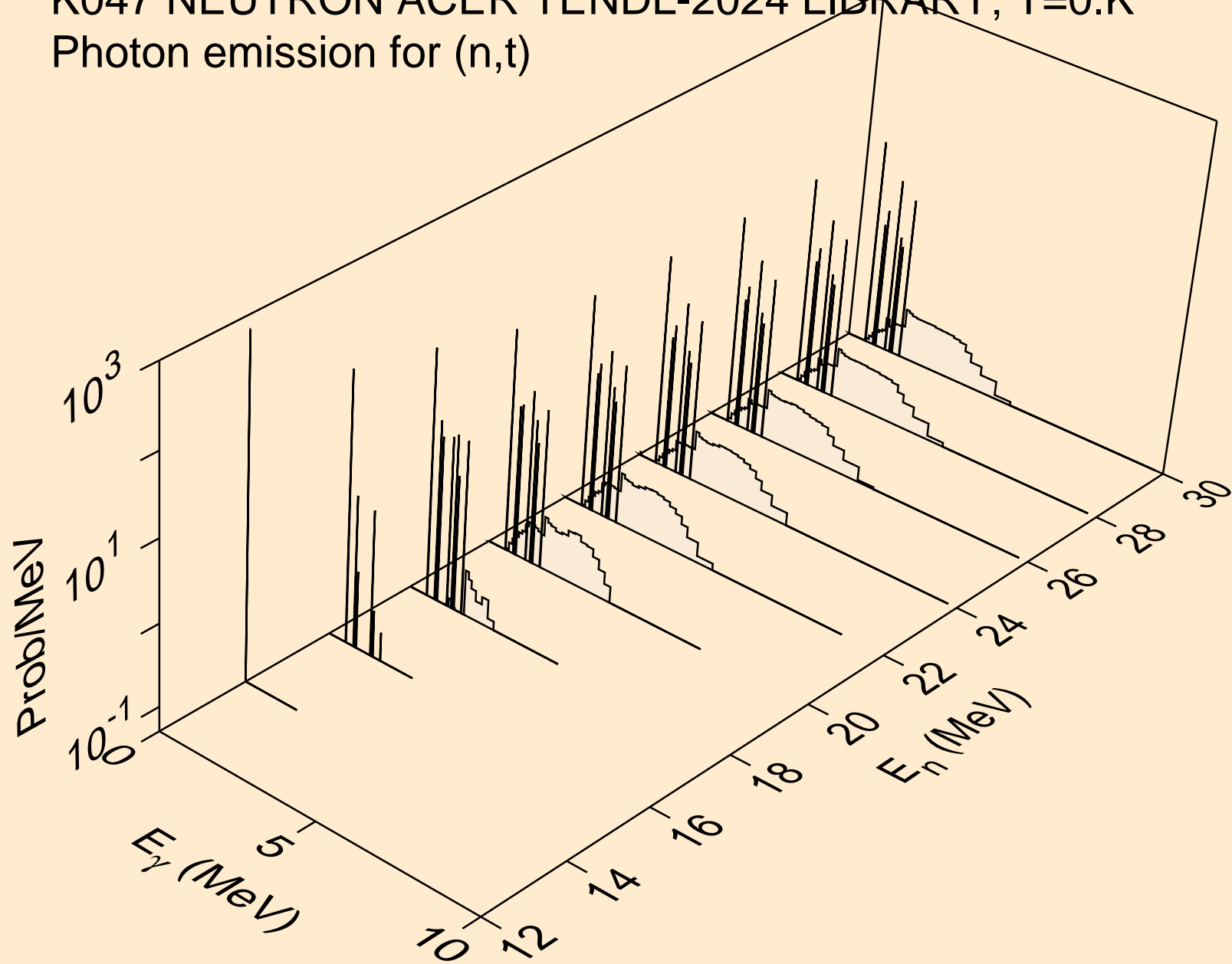
K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



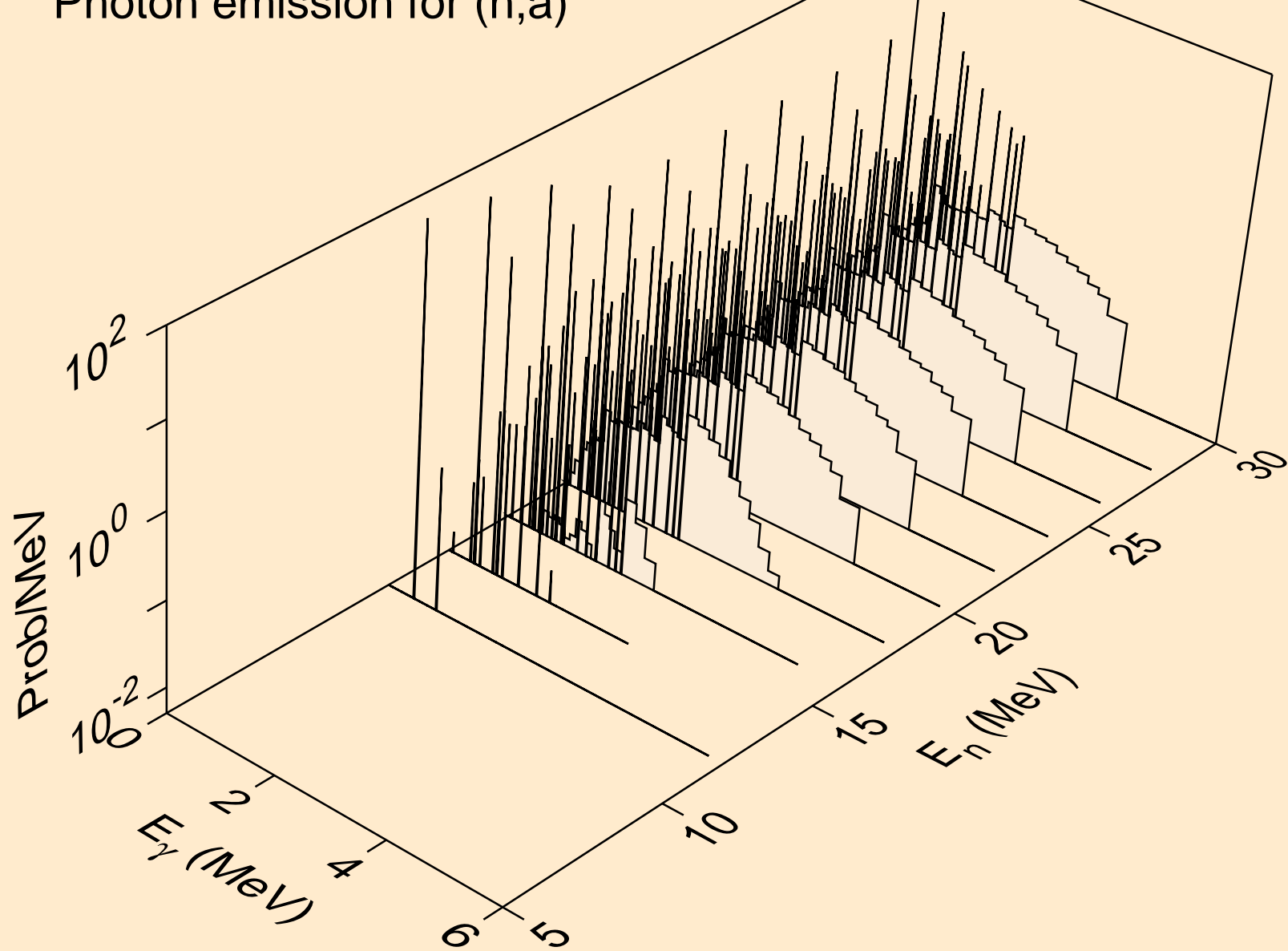
K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



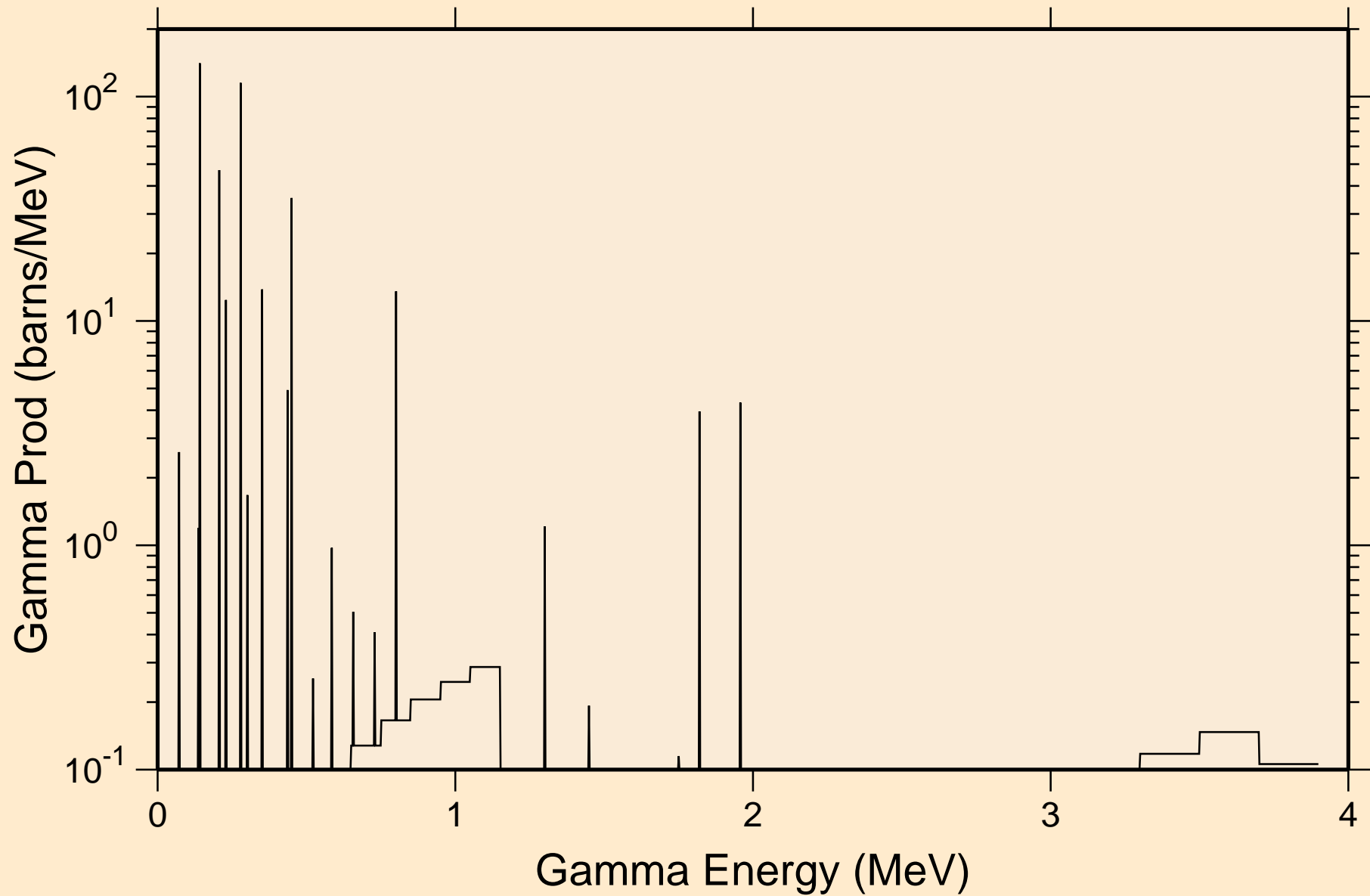
K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



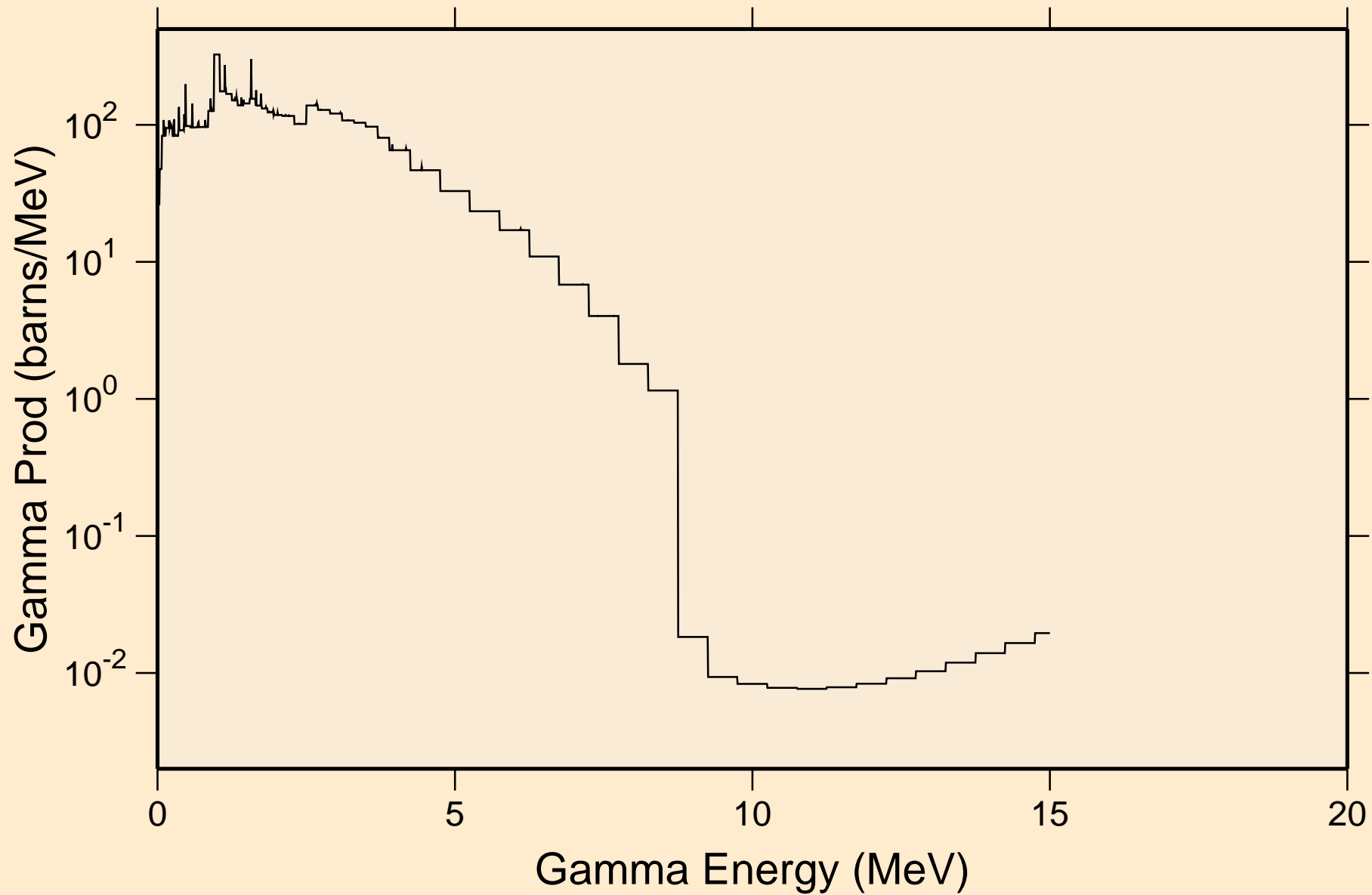
K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

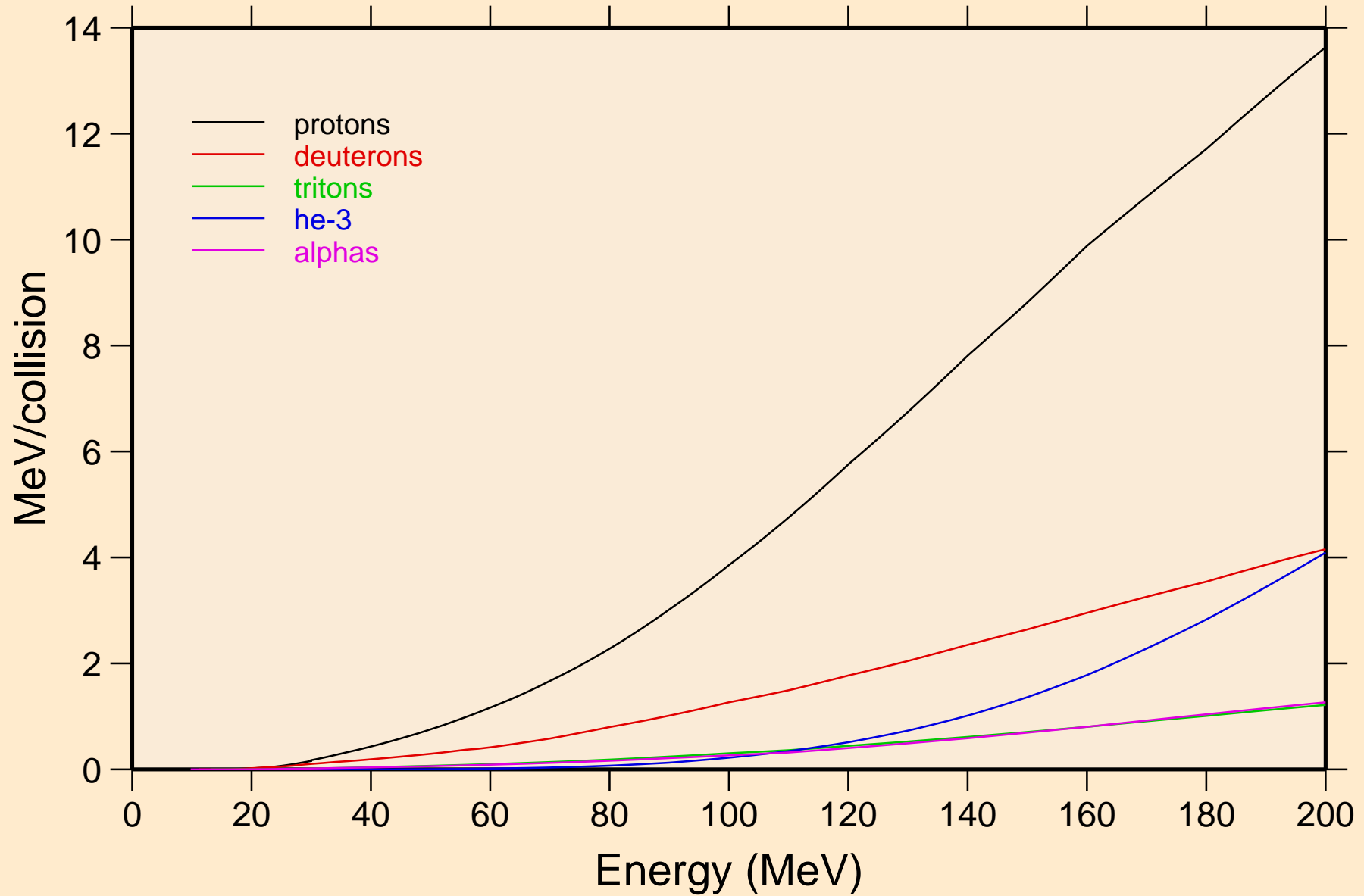


K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum



# K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

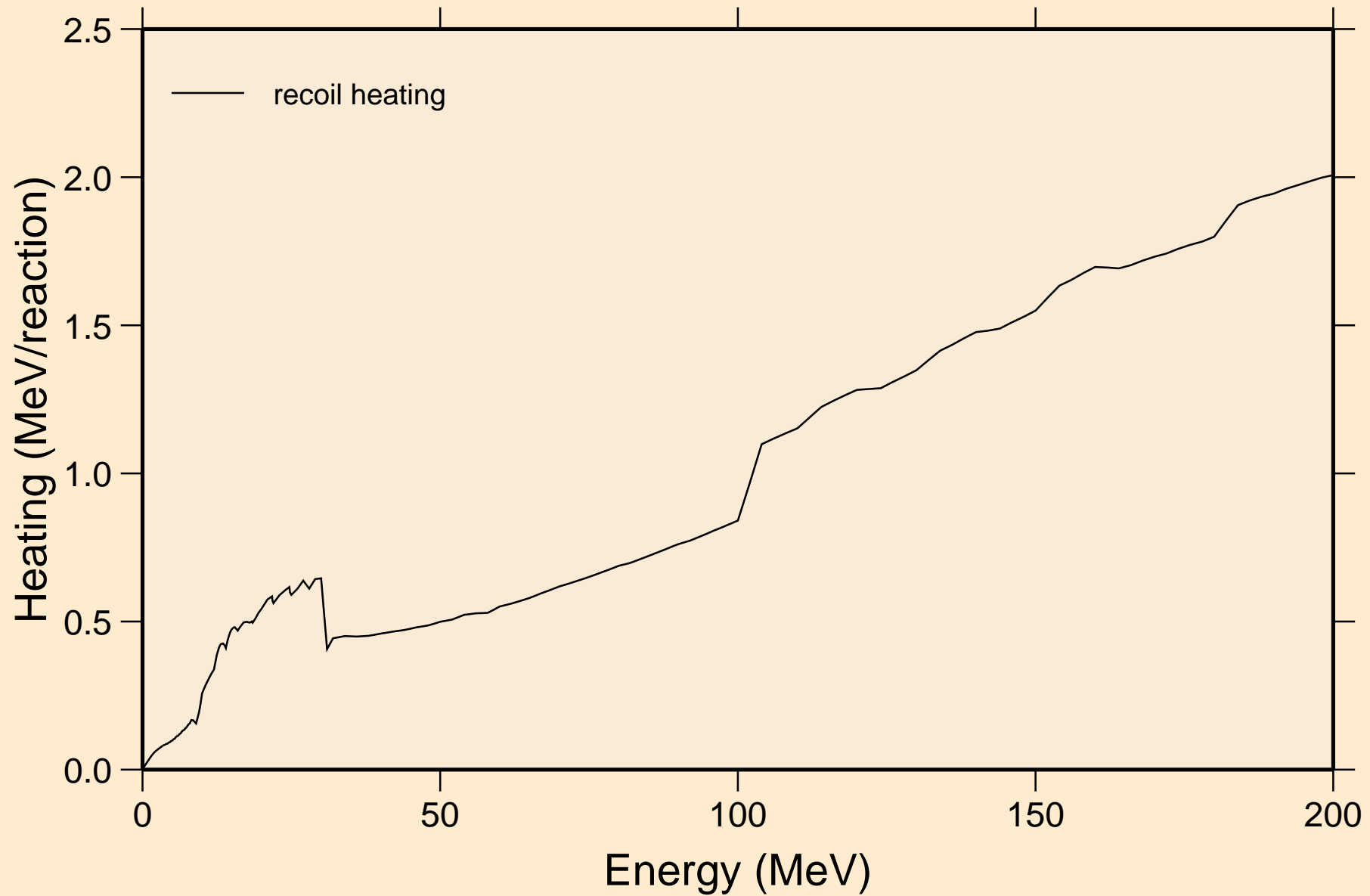
## Particle heating contributions





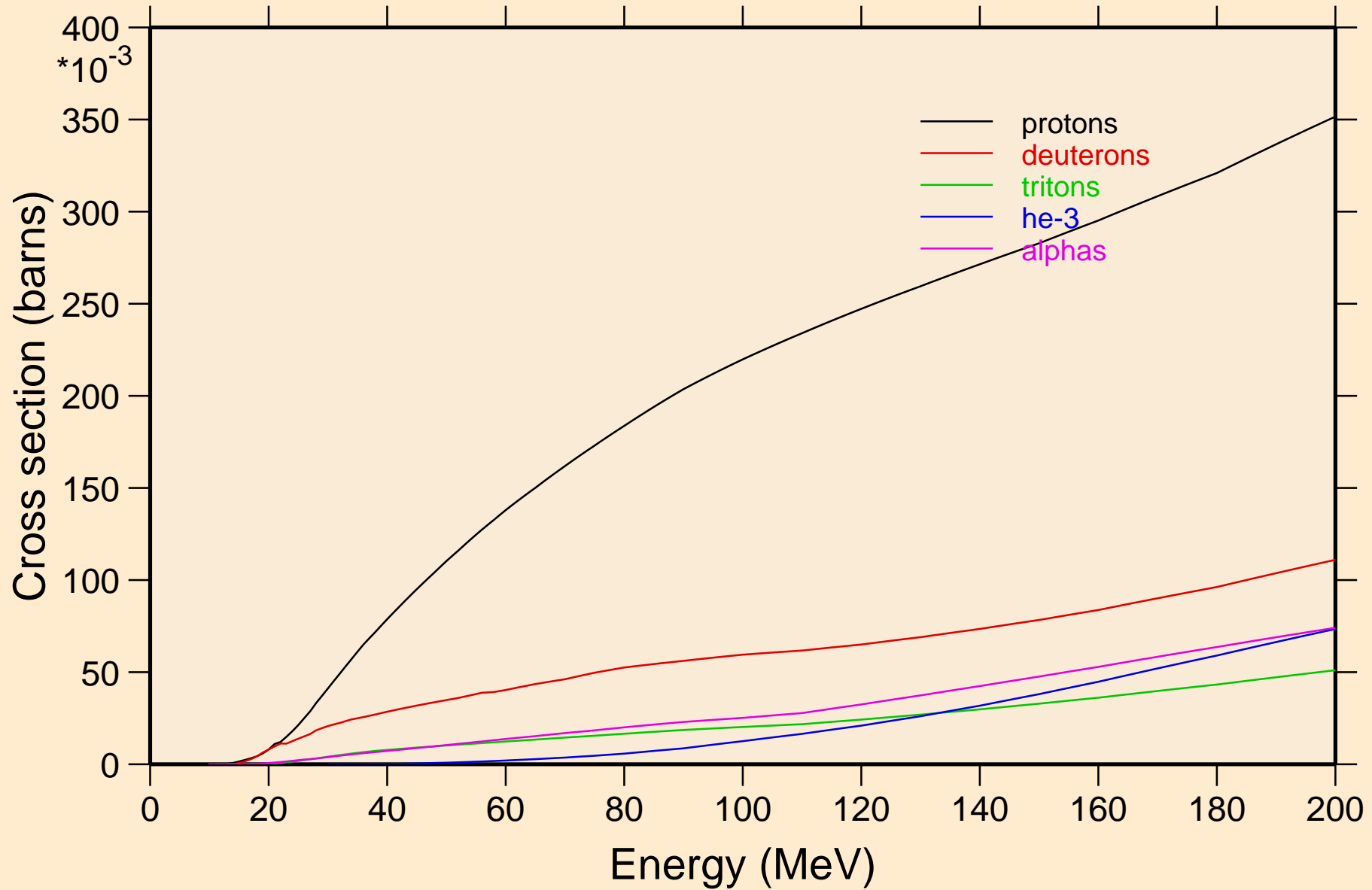
# K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Recoil Heating

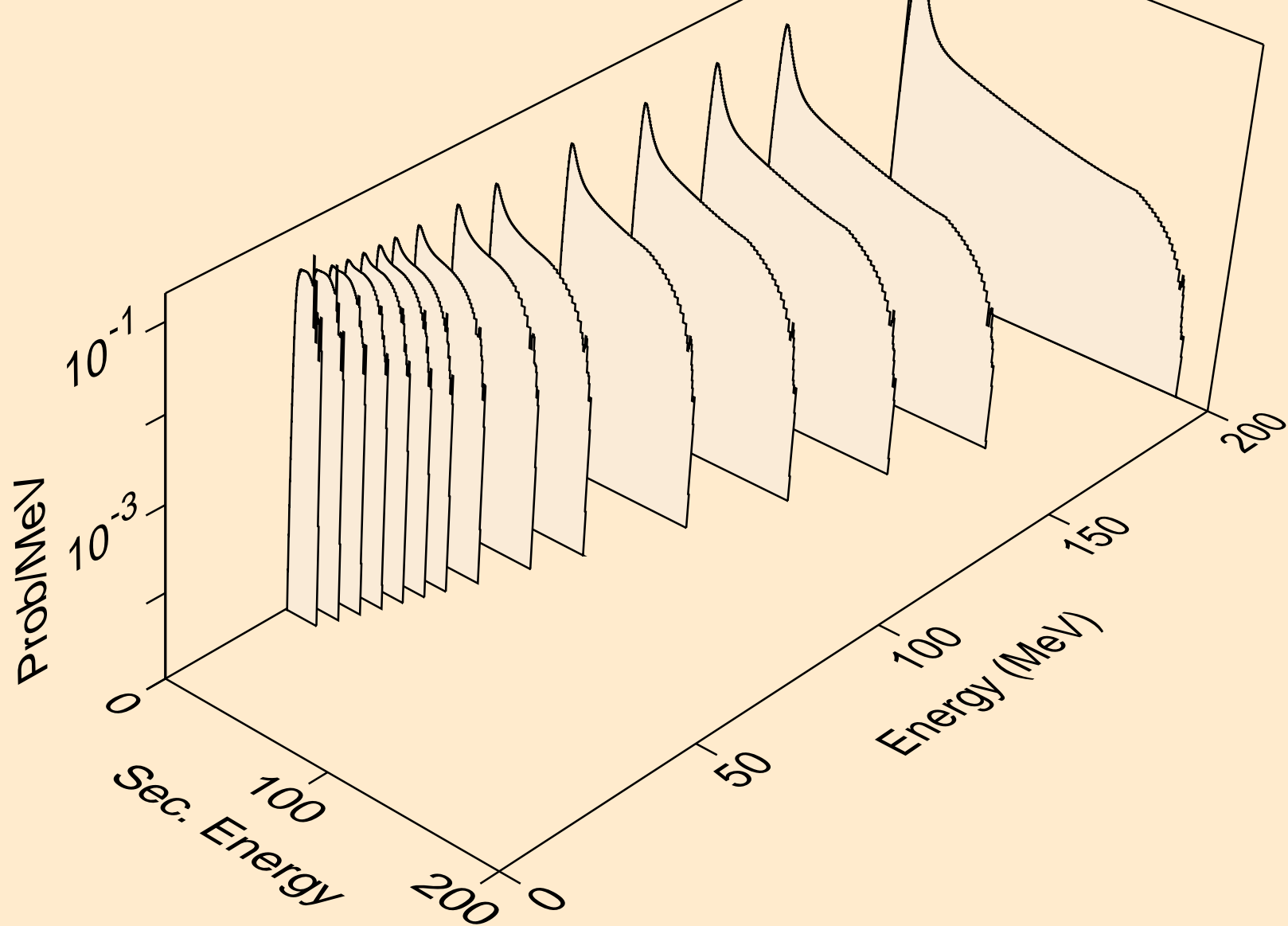


# K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

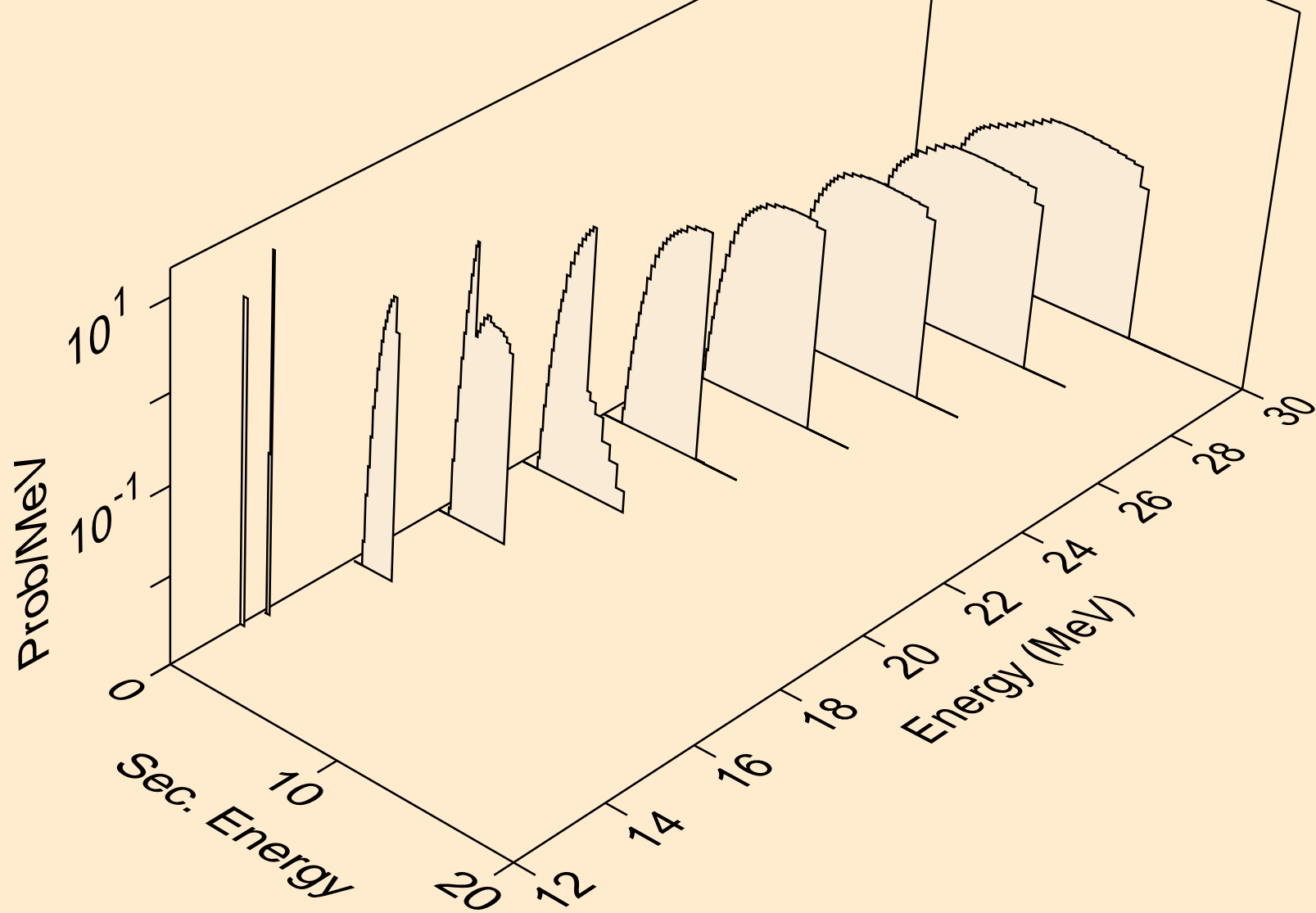
## Particle production cross sections



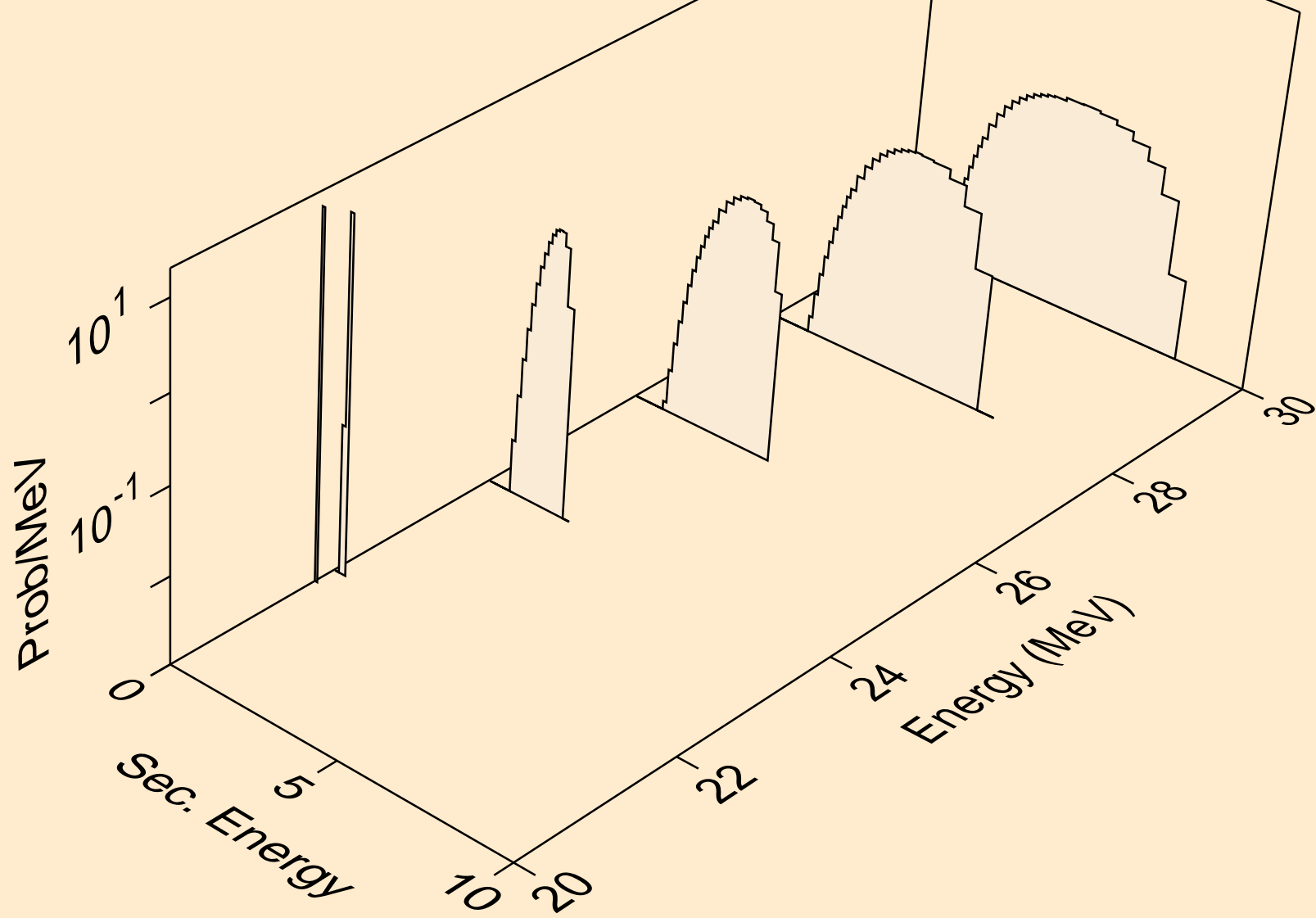
K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



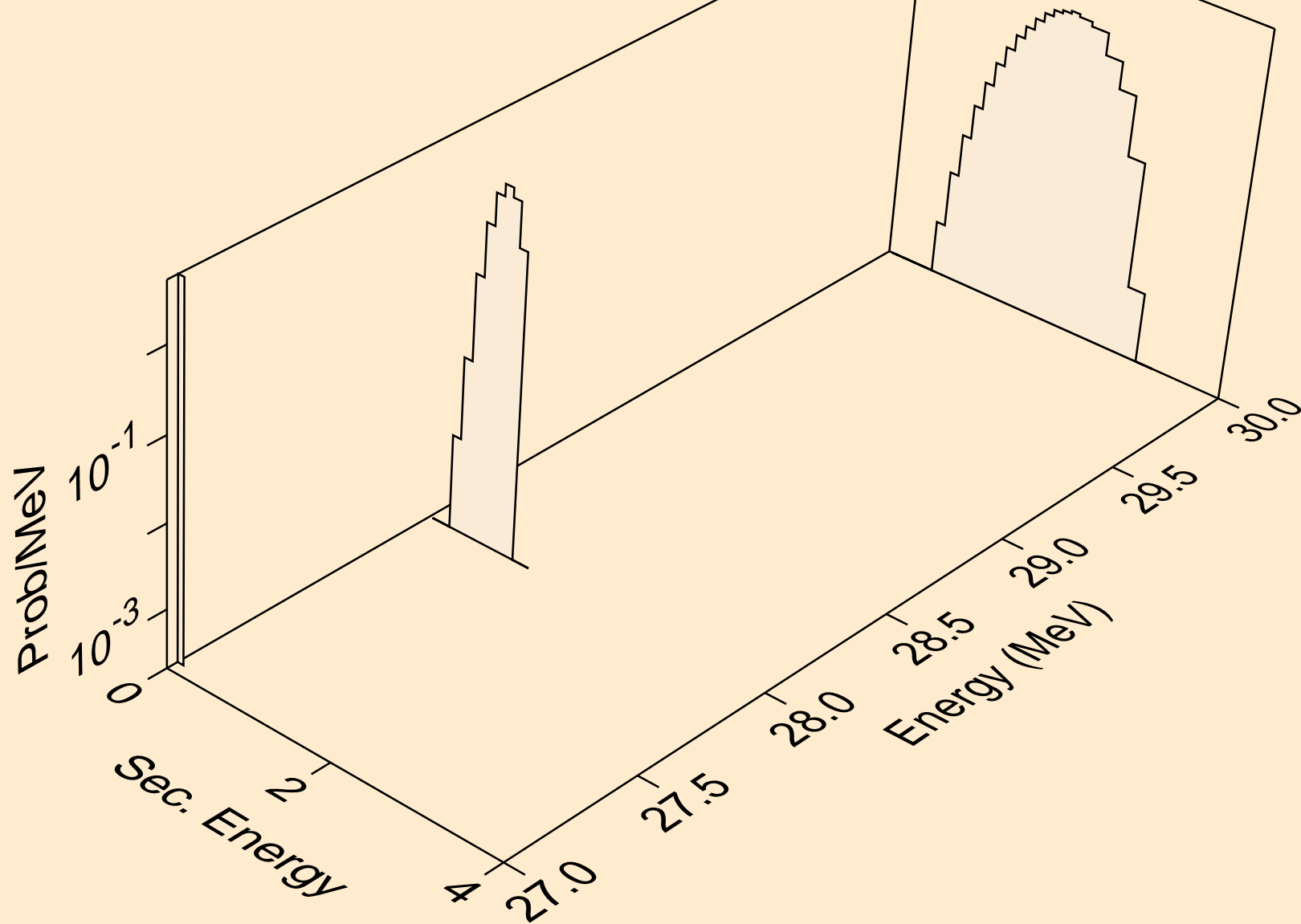
K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



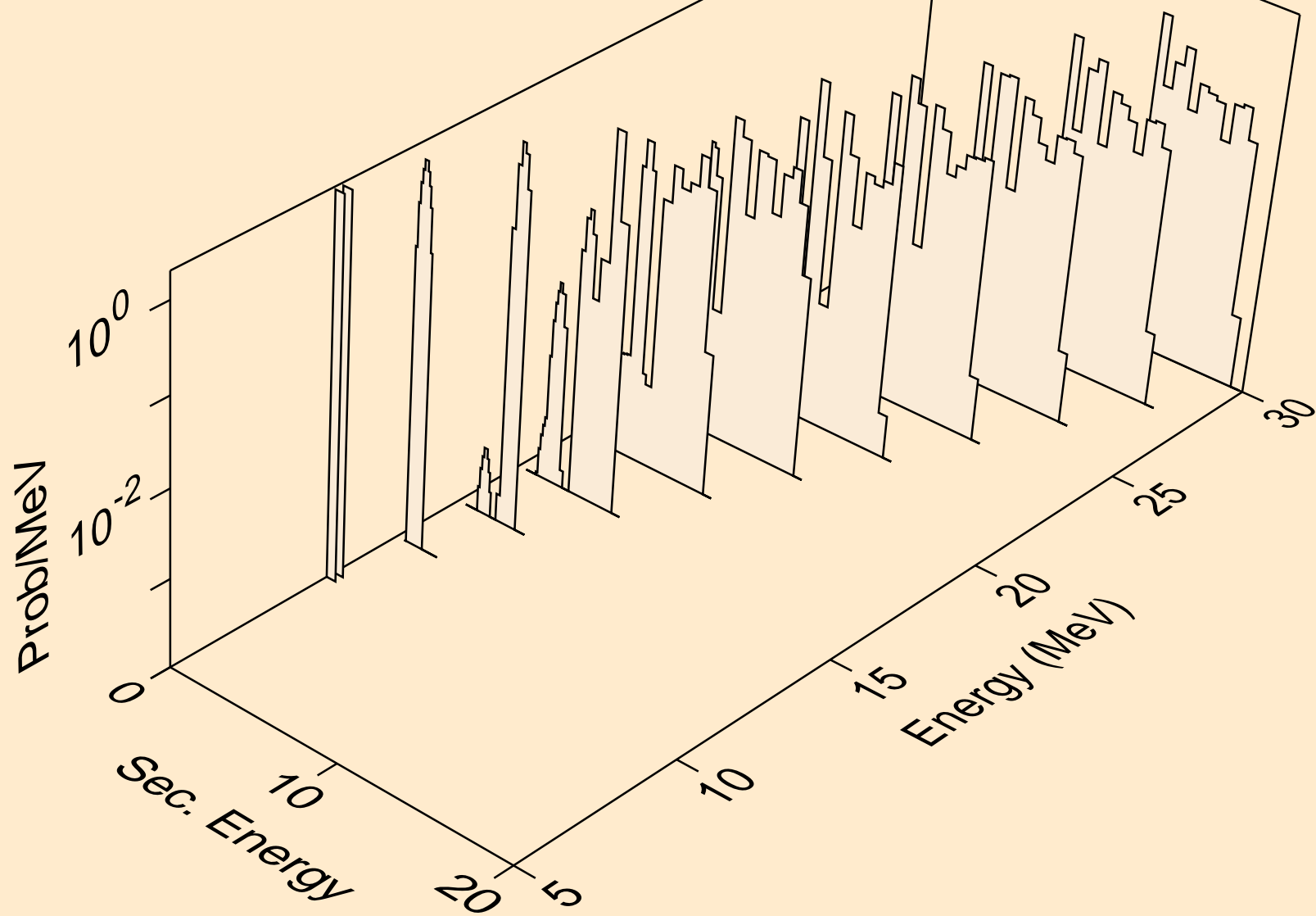
K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)



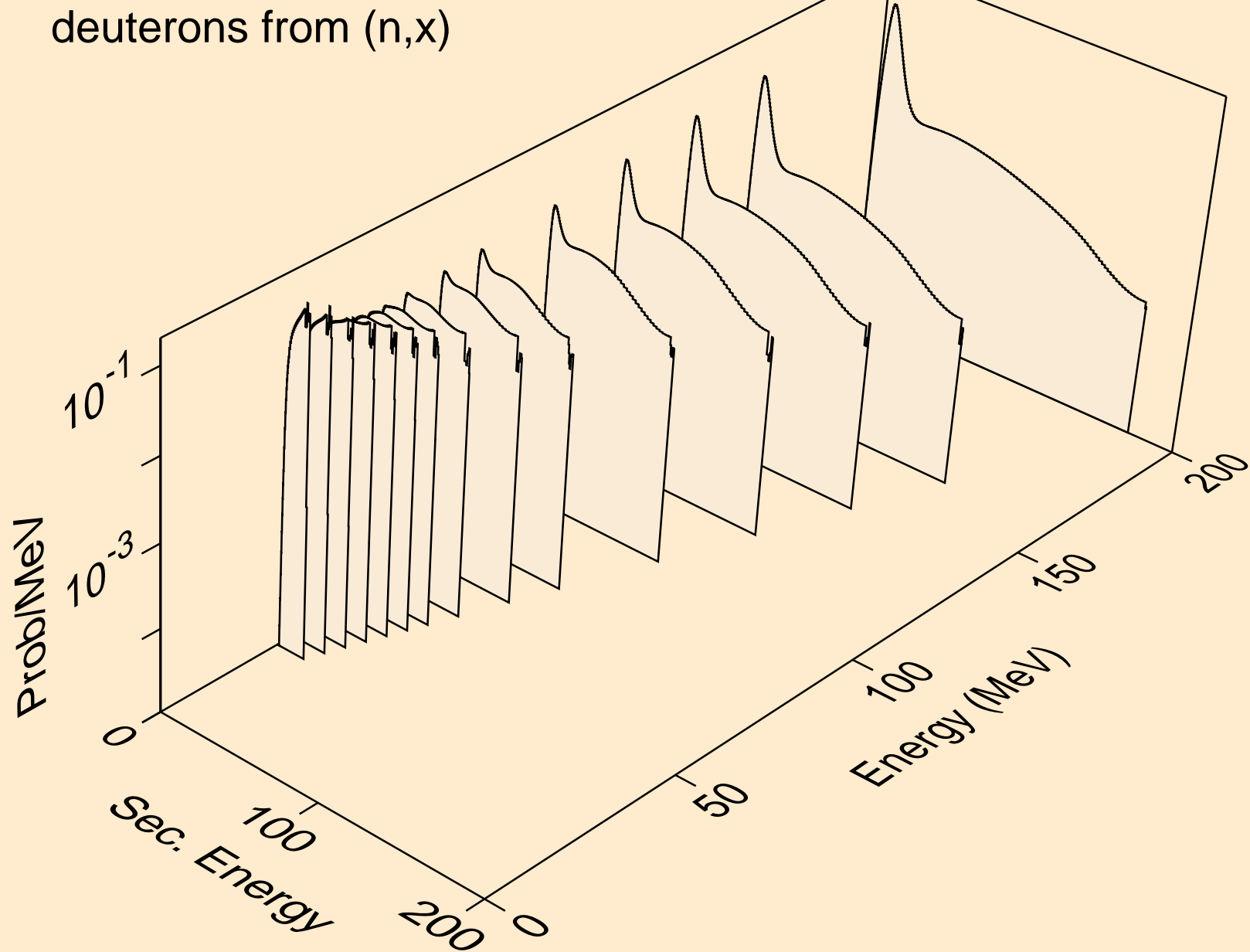
K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)



K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)

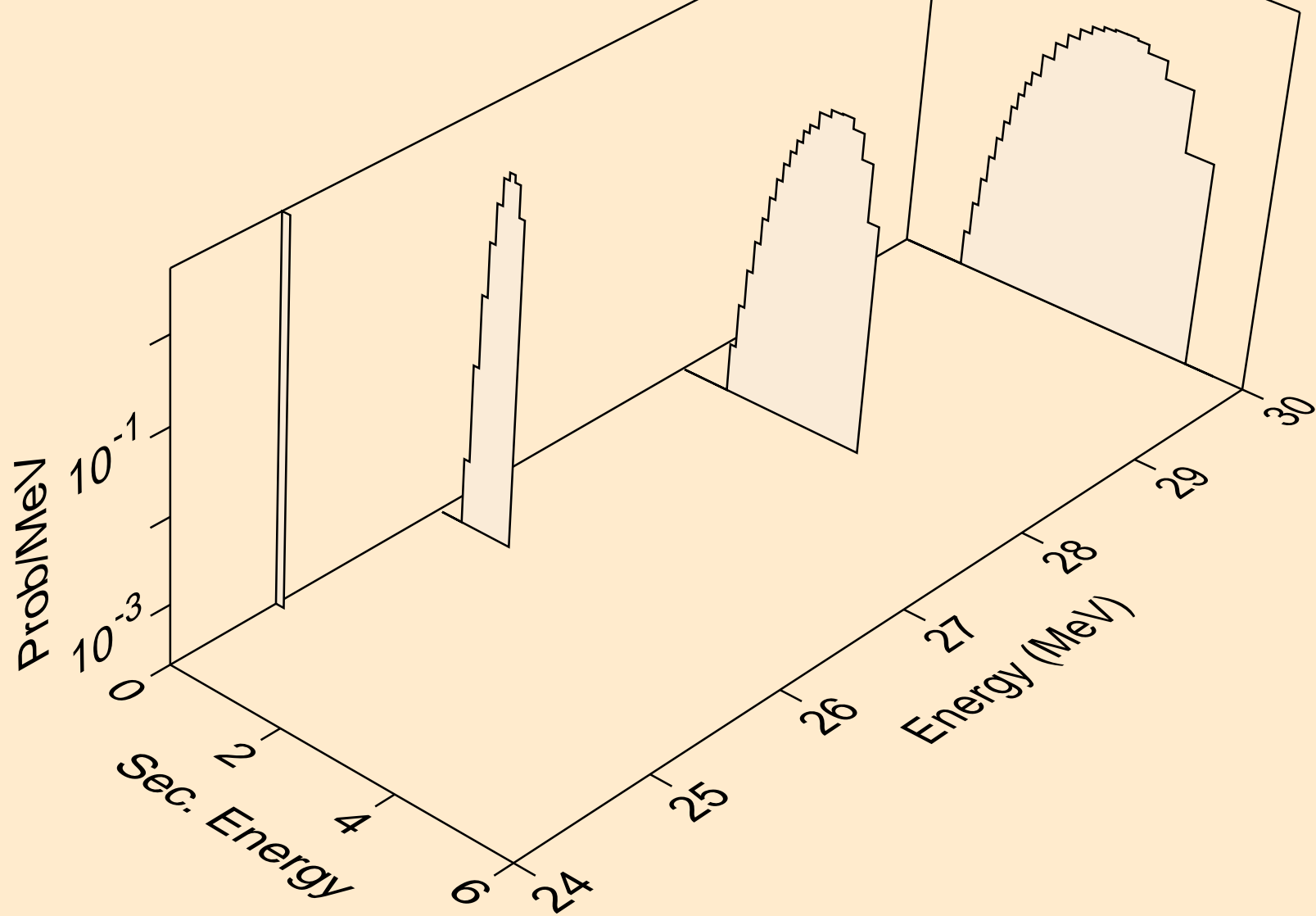


K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)

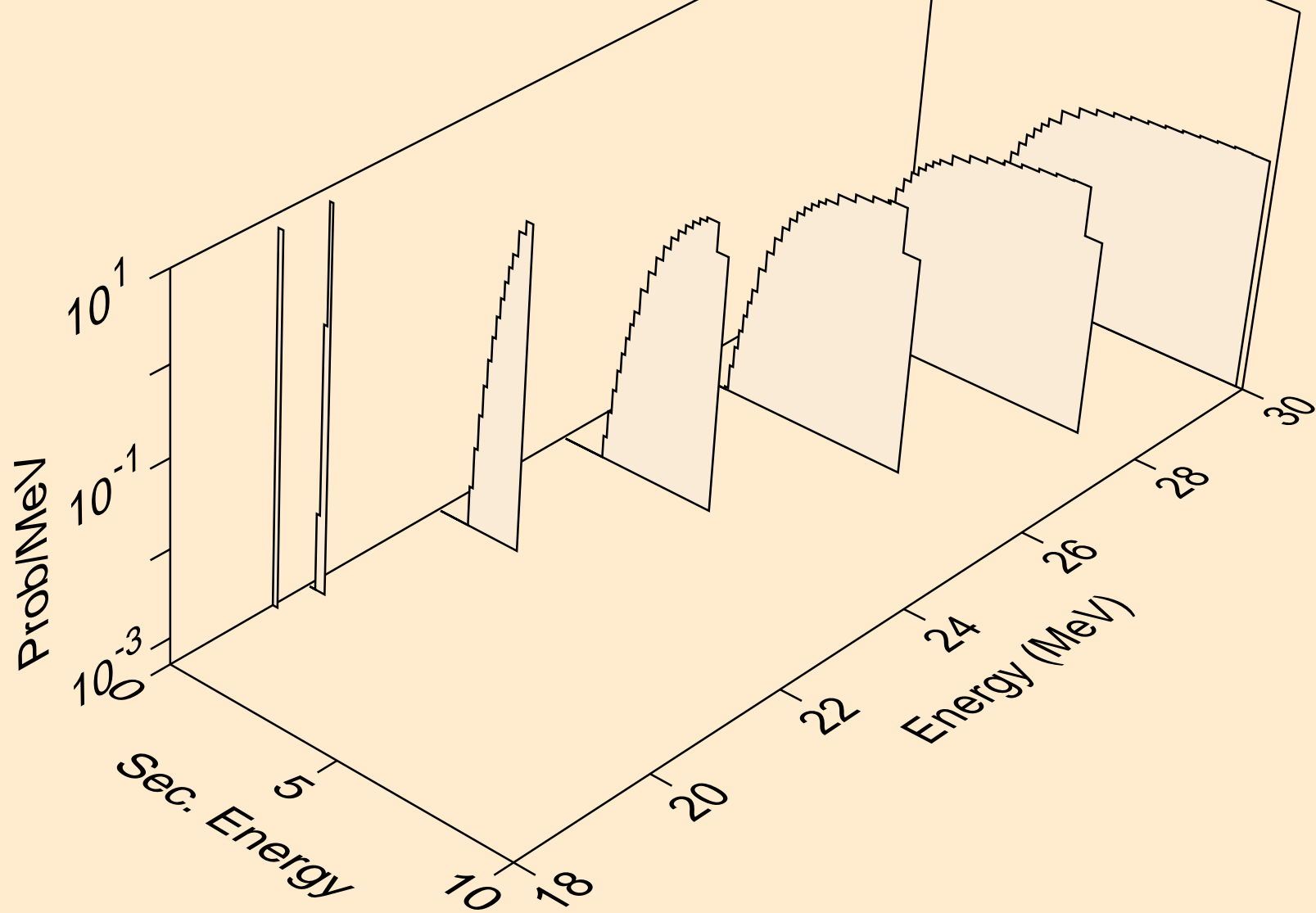




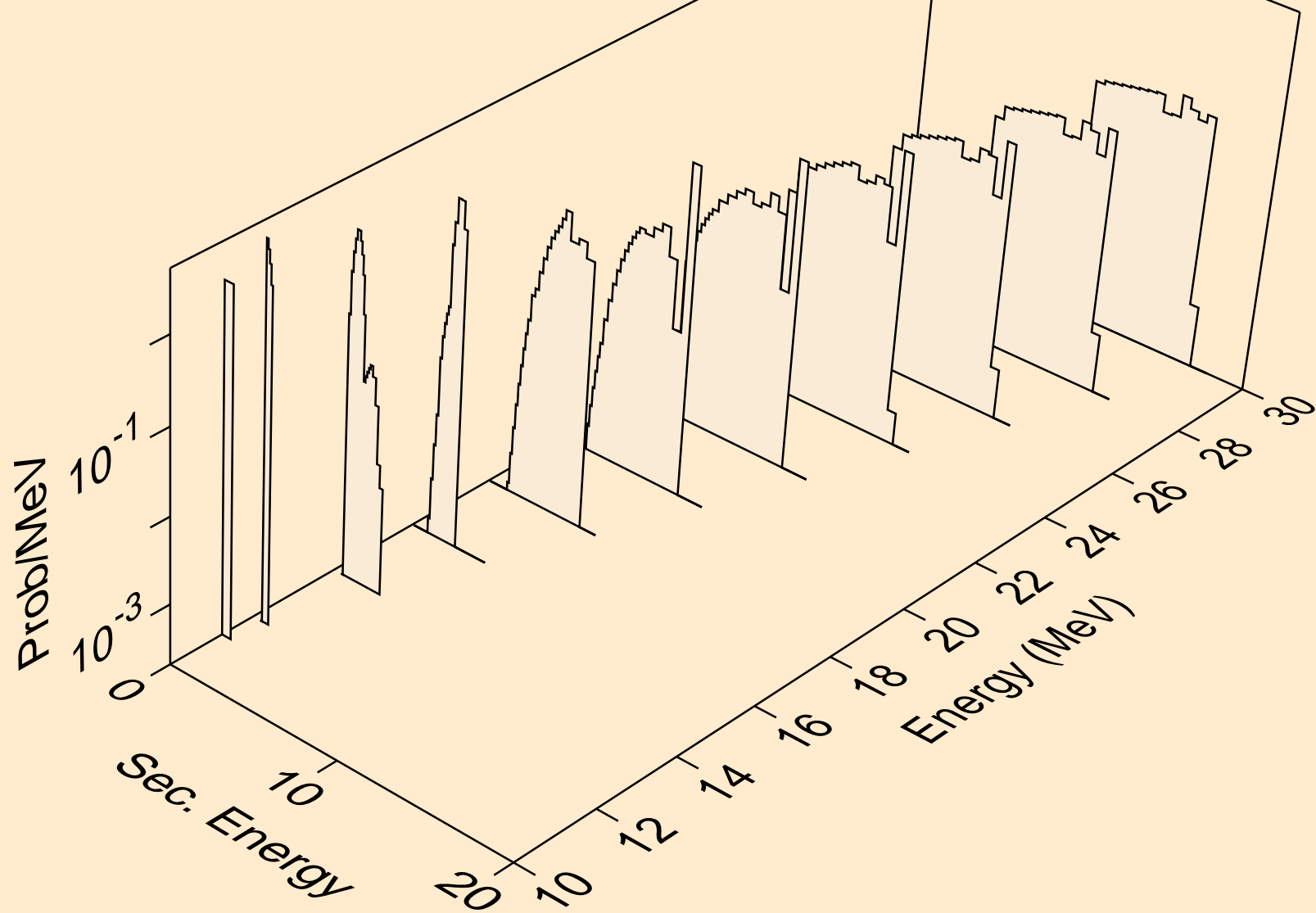
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deuterons from (n,2nd)



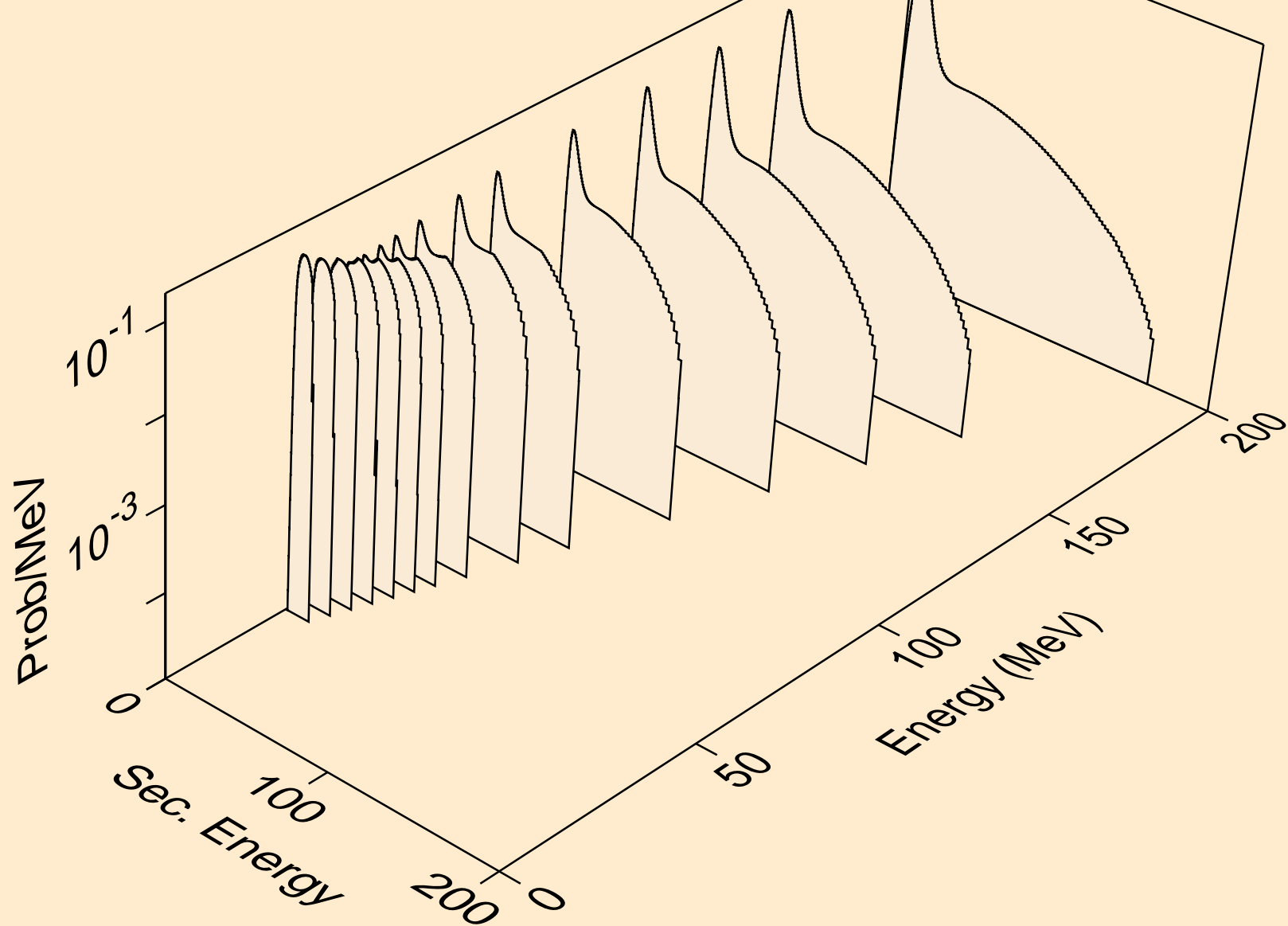
K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d



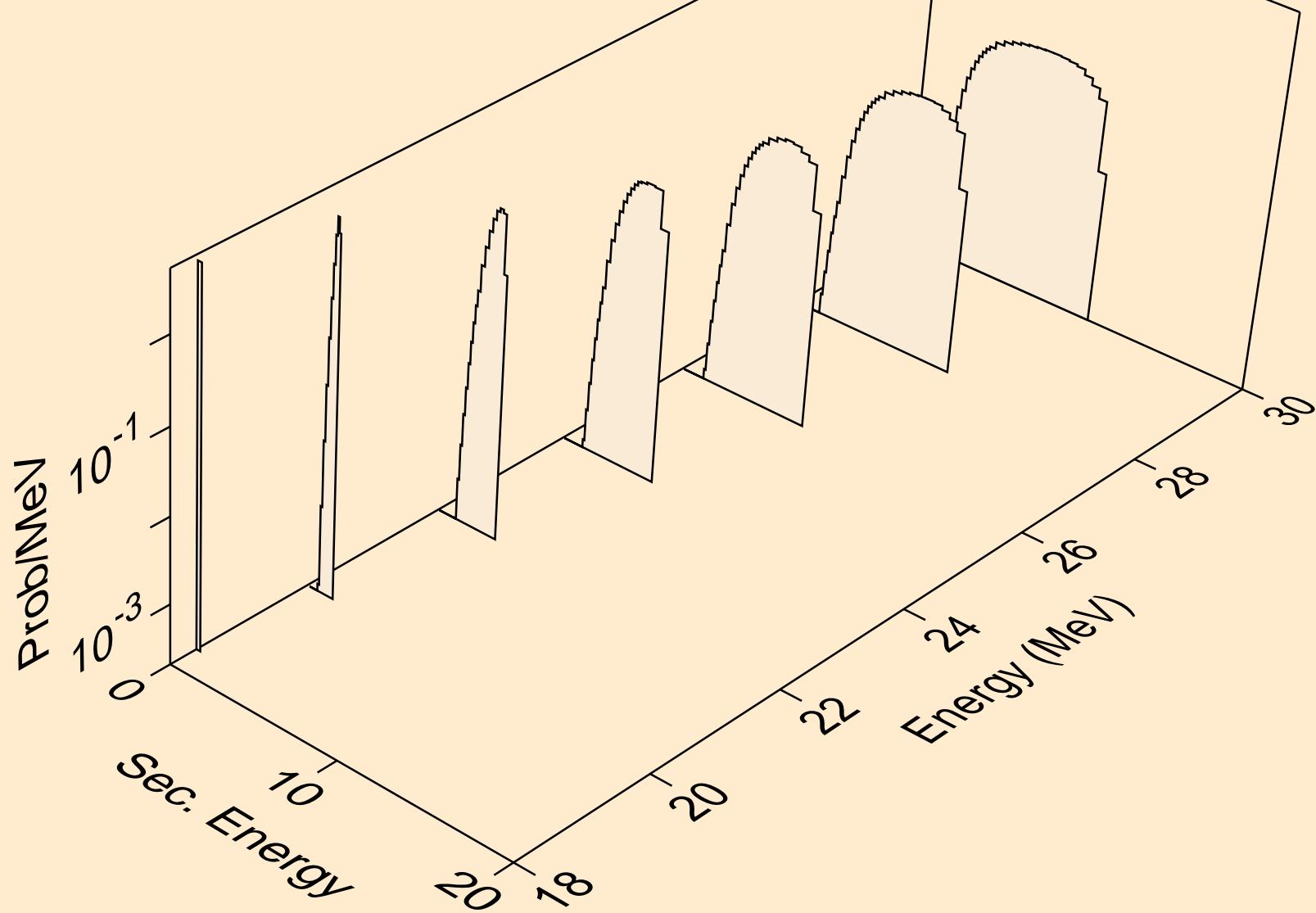
K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,d)



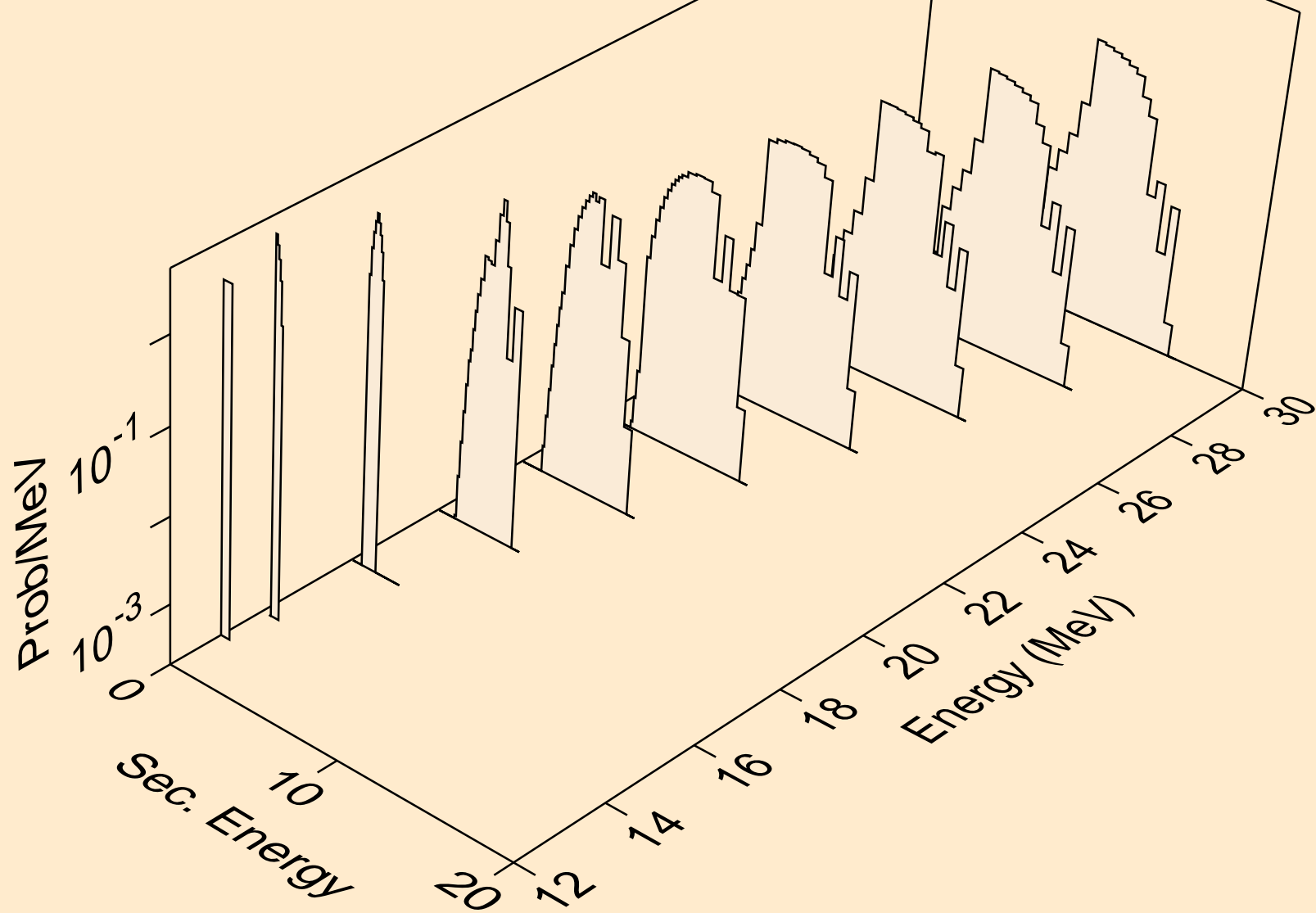
K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)



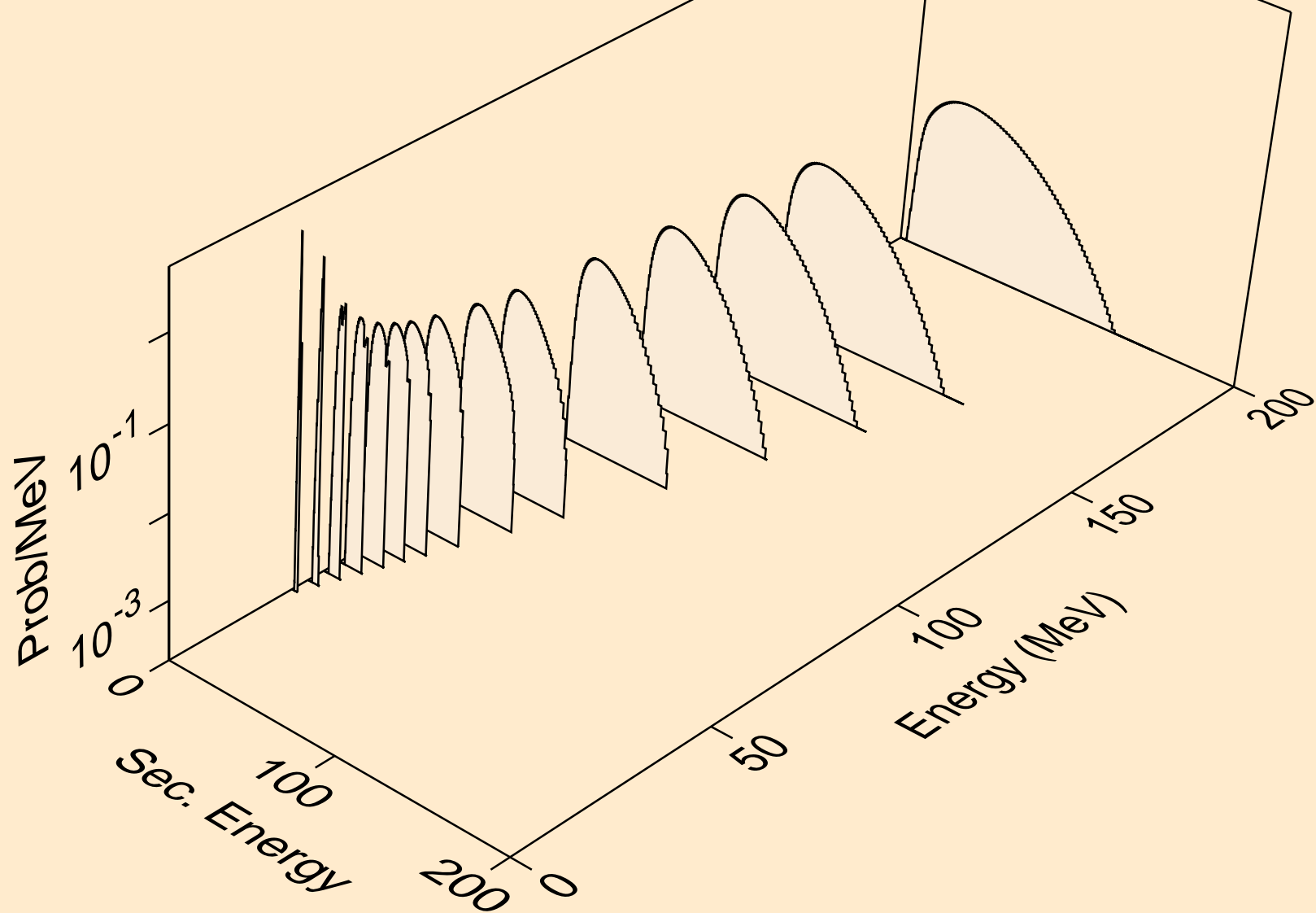
K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



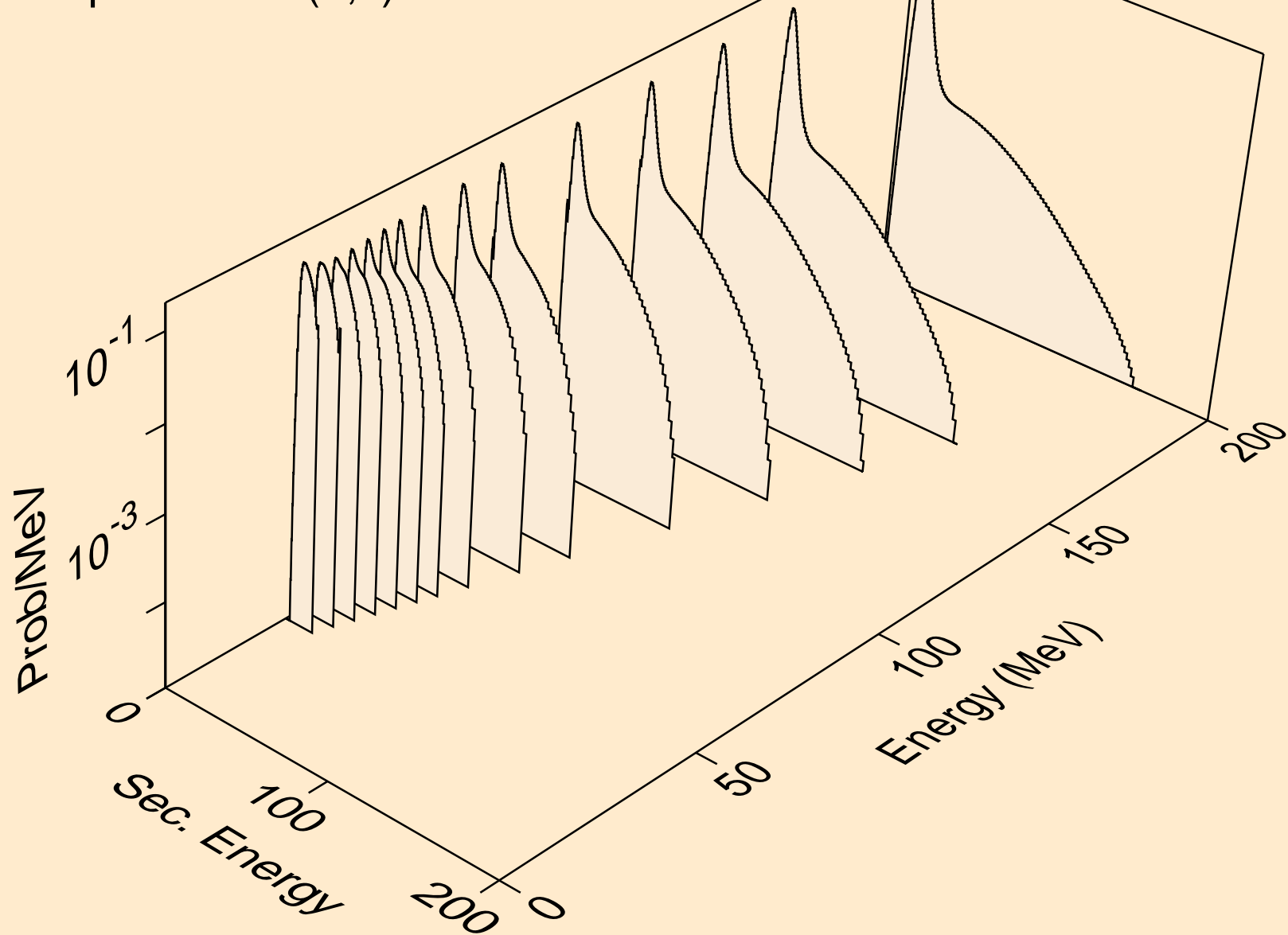
K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)



K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)

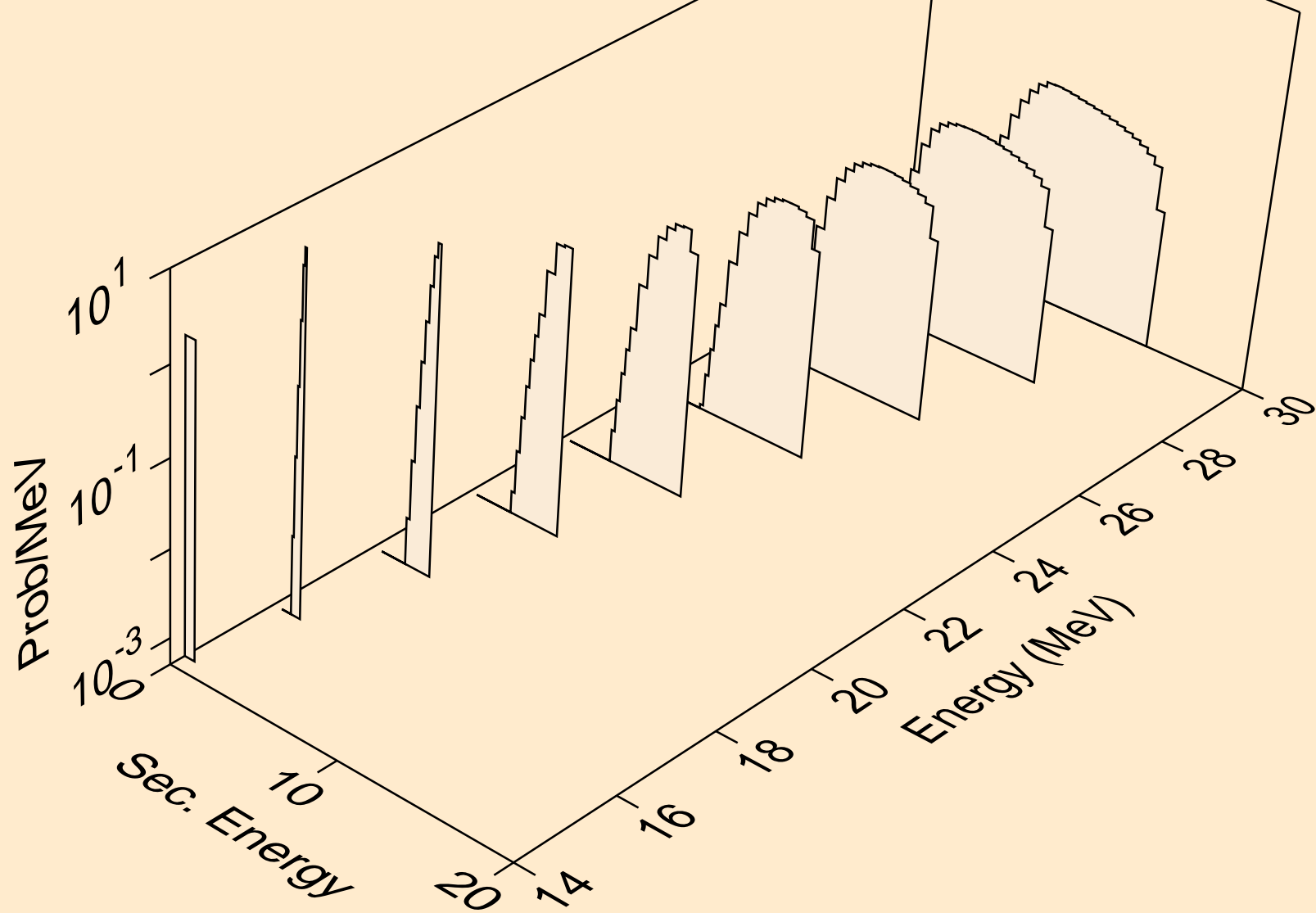


K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)

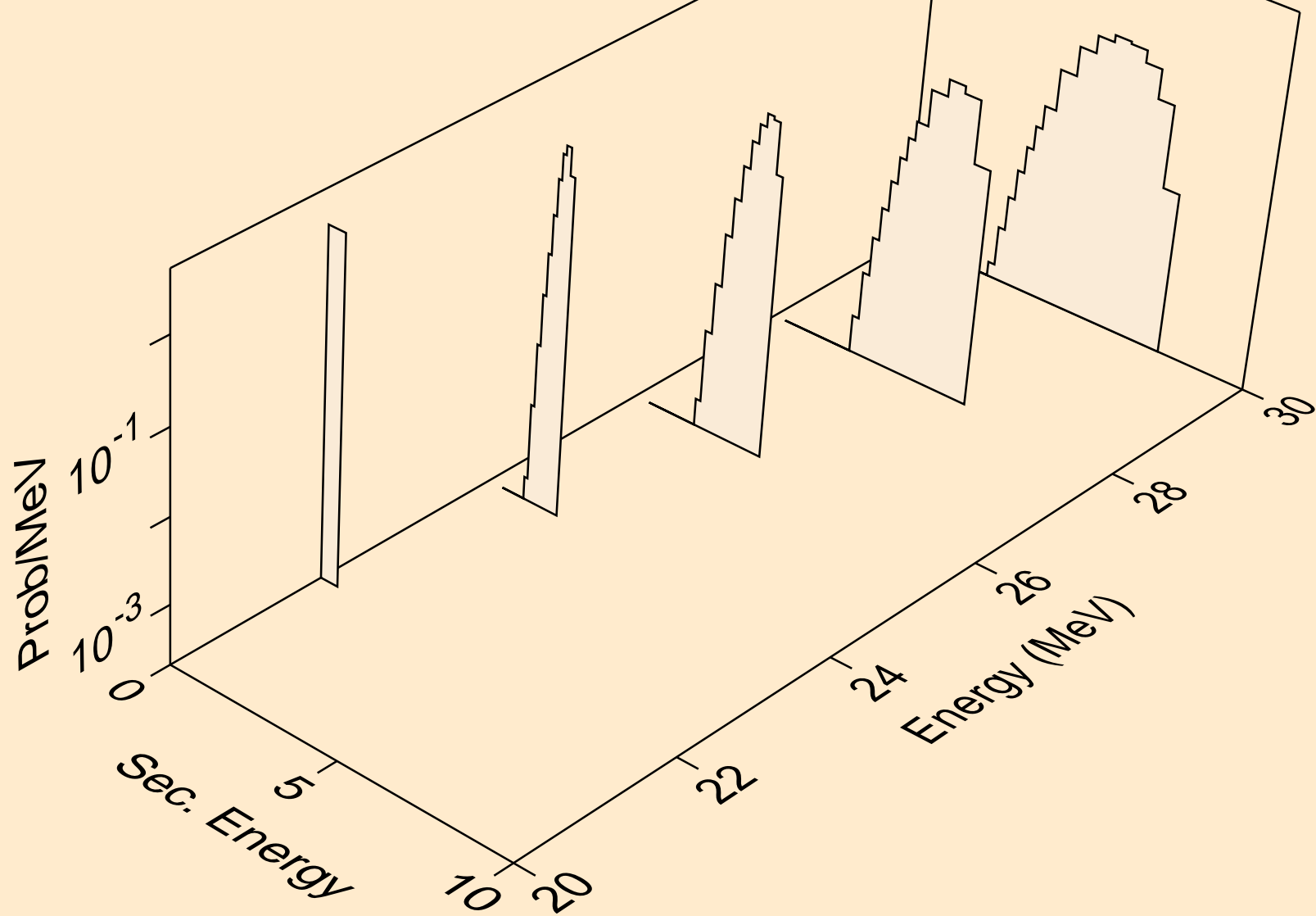




K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



K047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)

