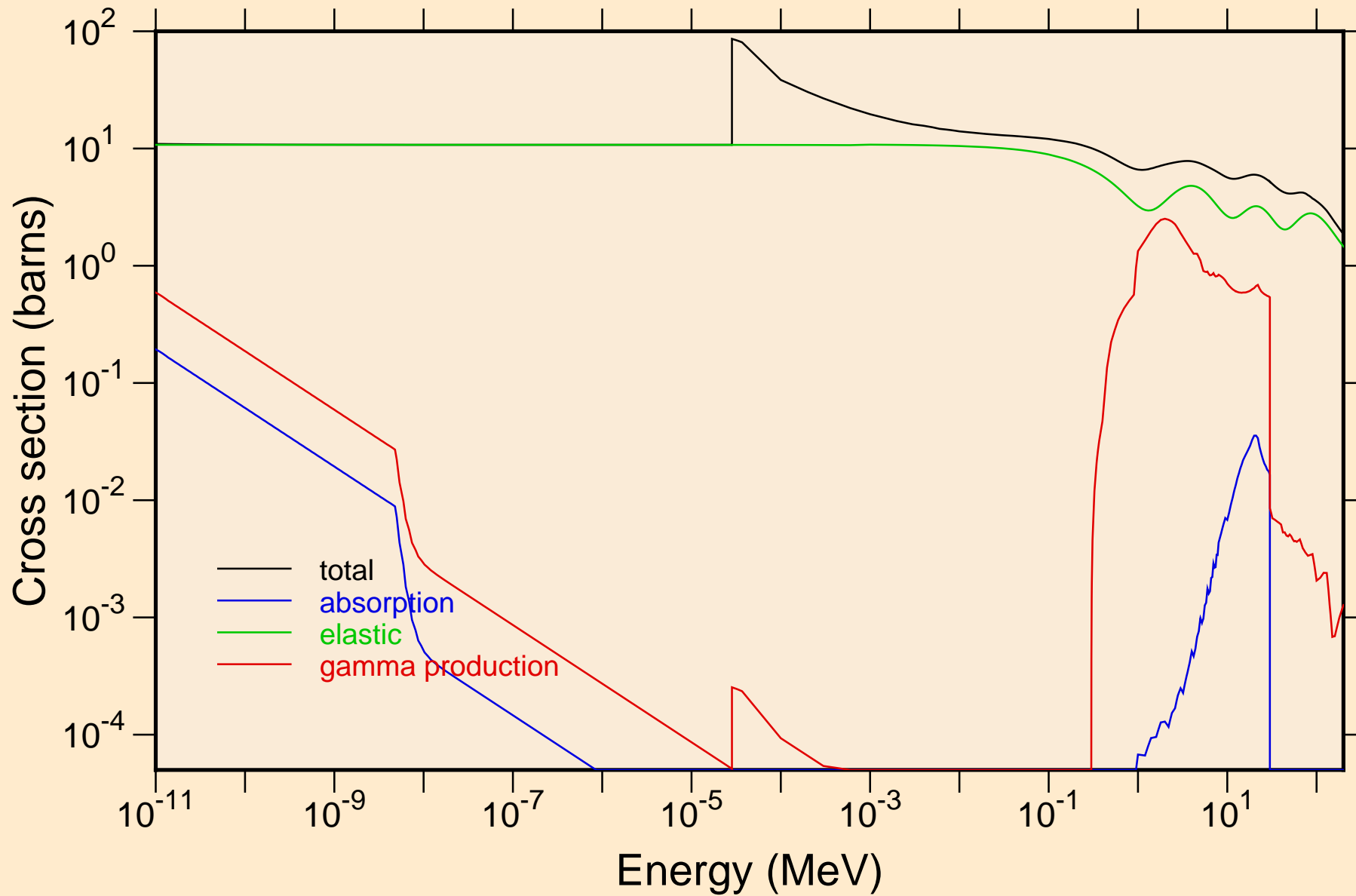


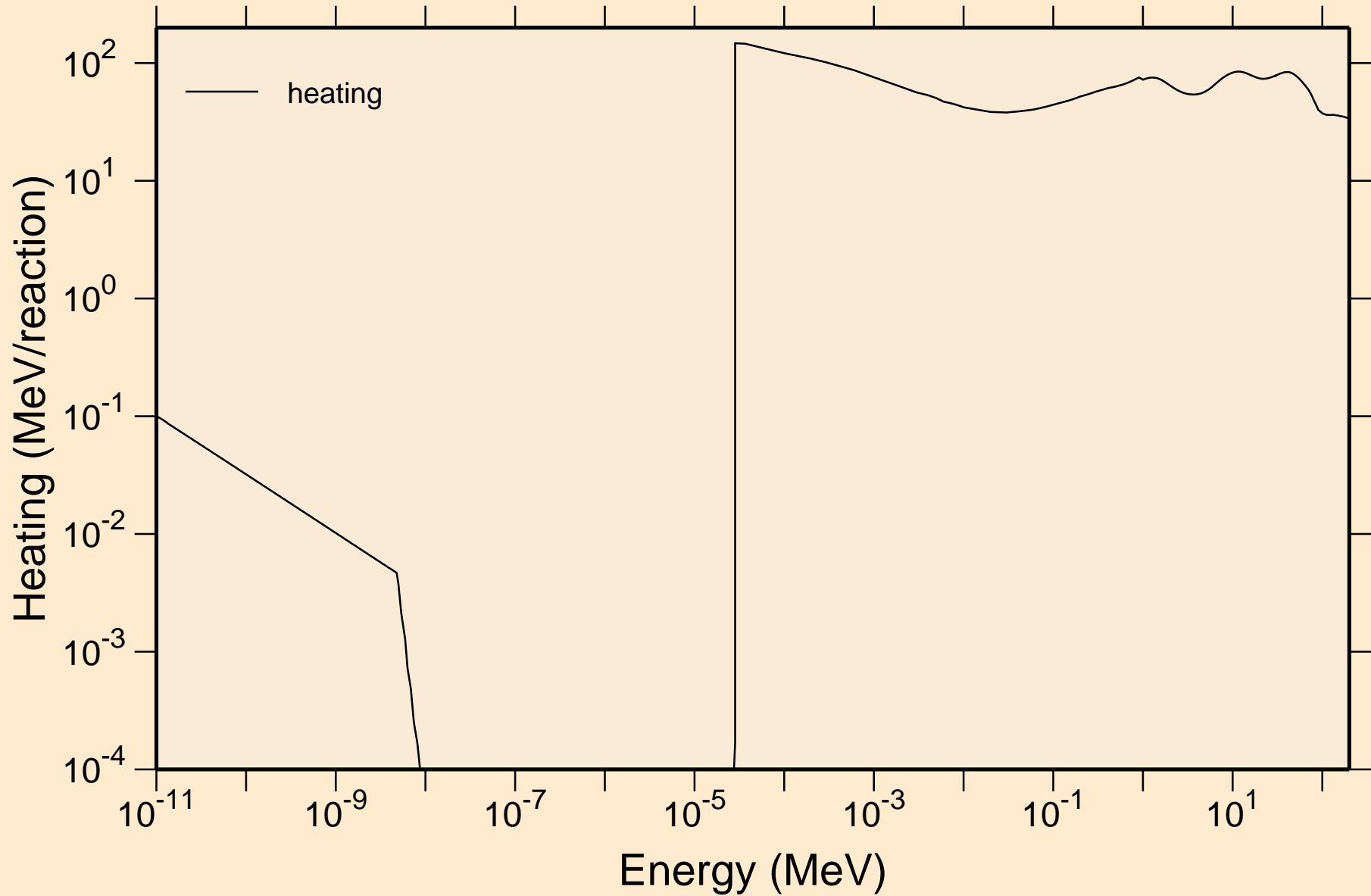
# AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections

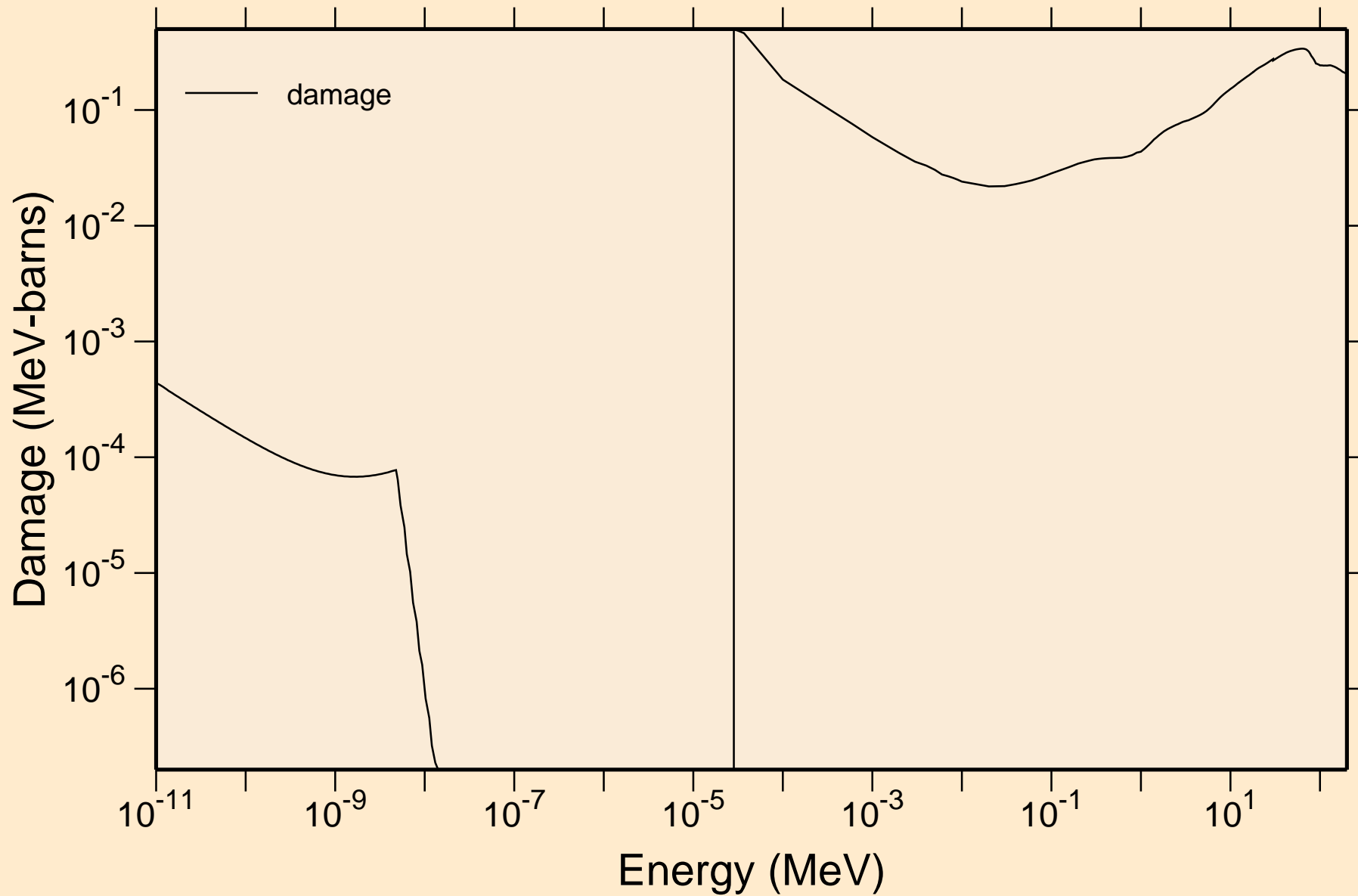


# AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

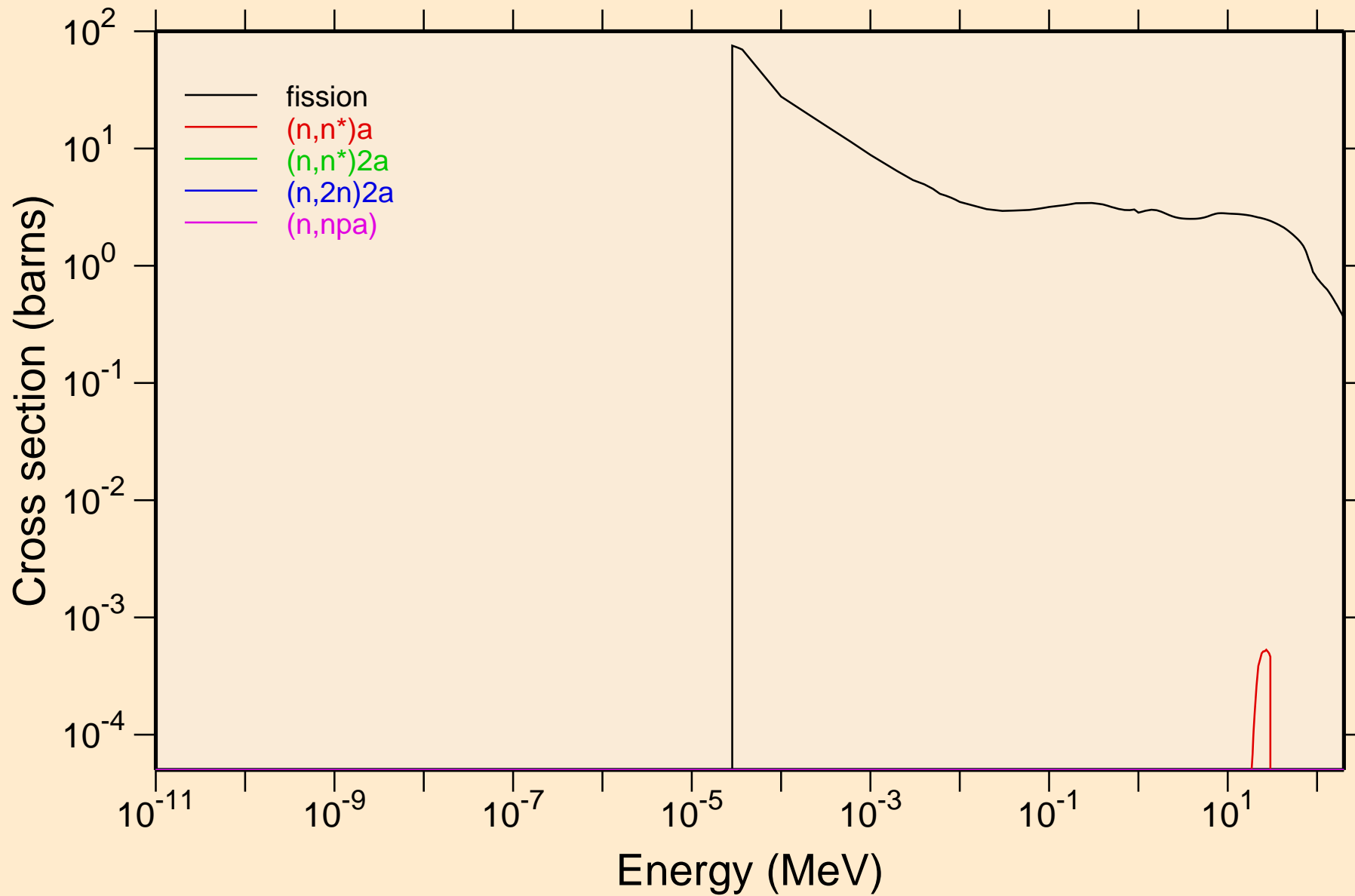
## Heating



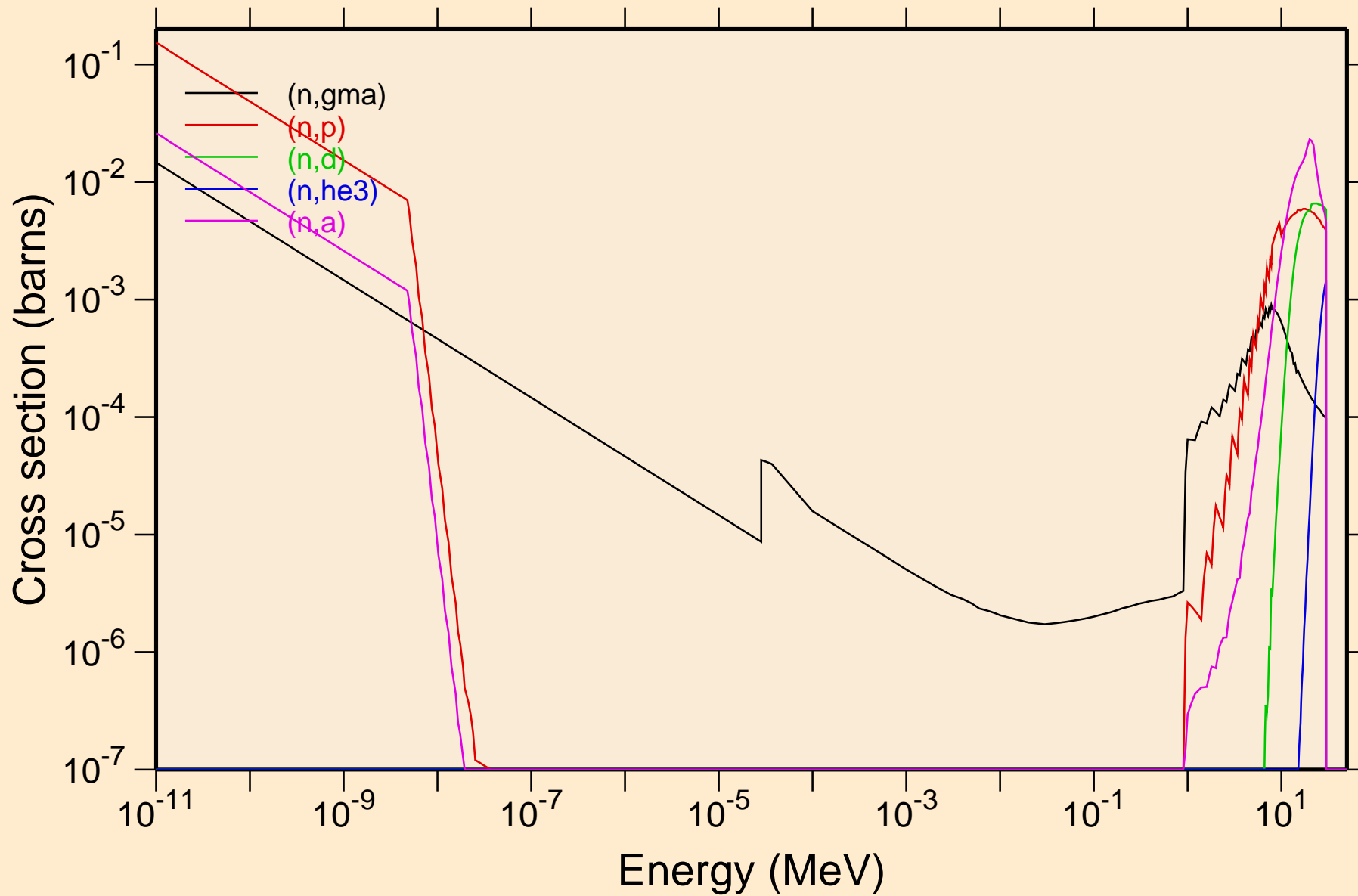
AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



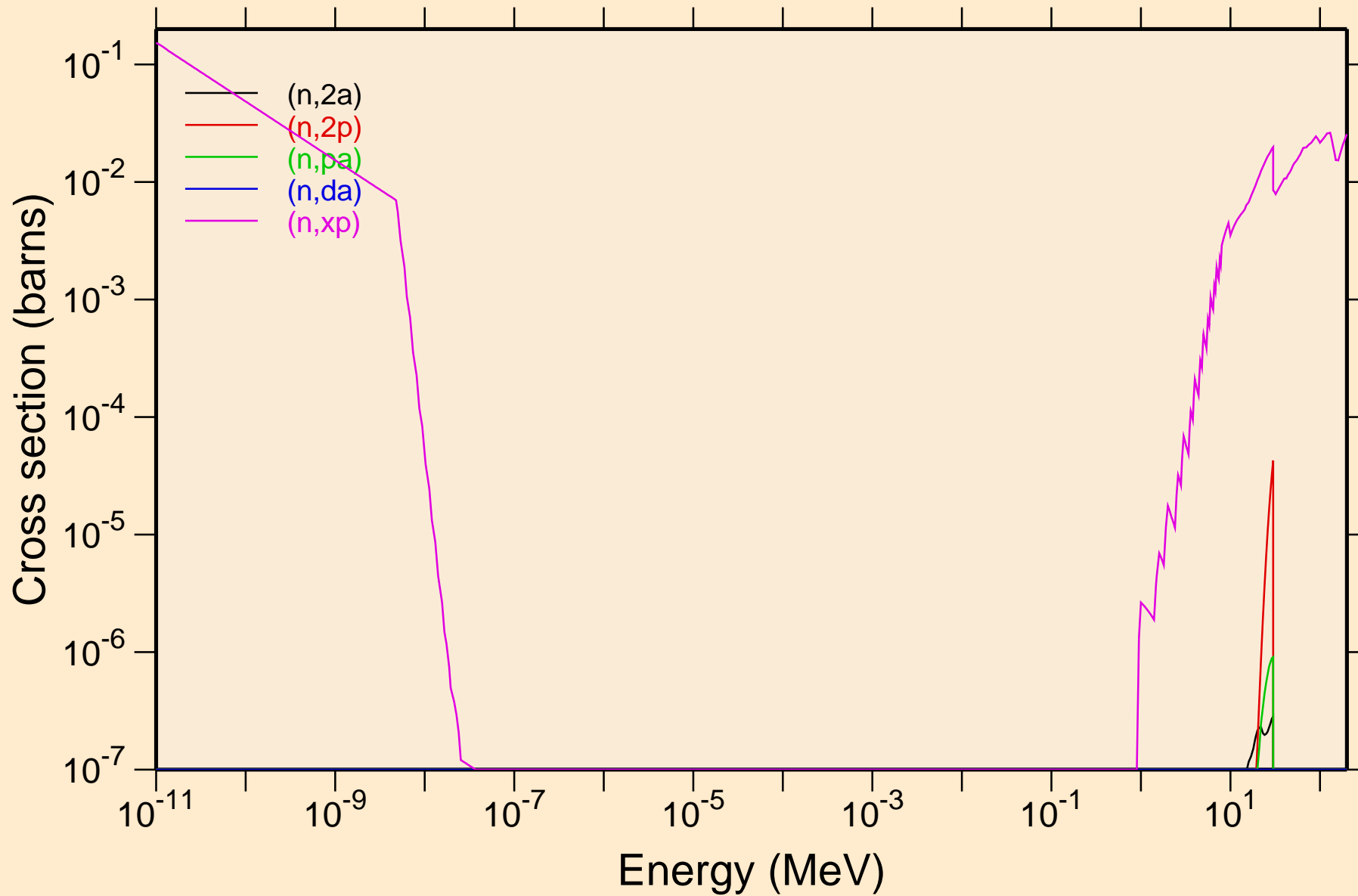
AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



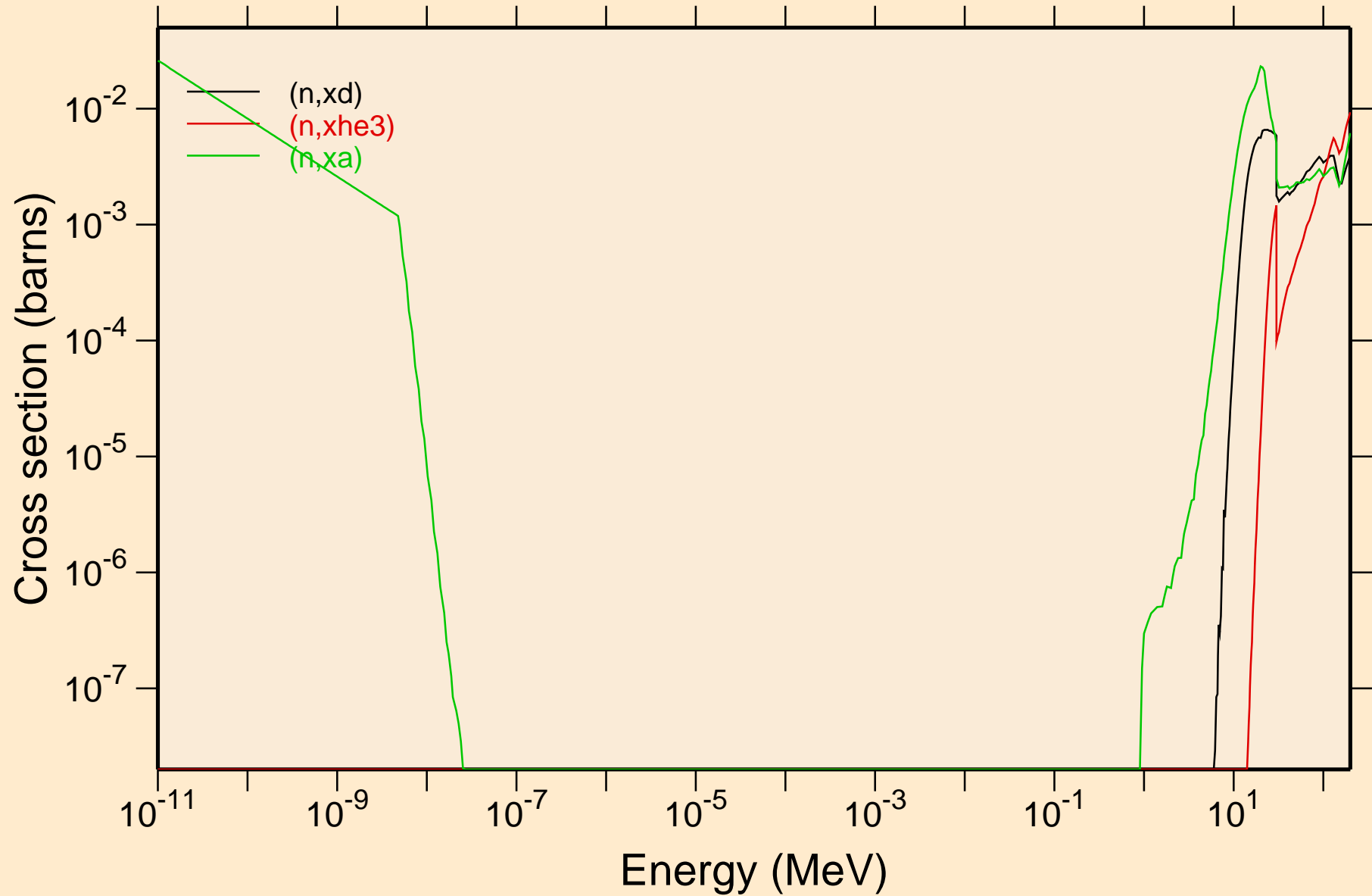
AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

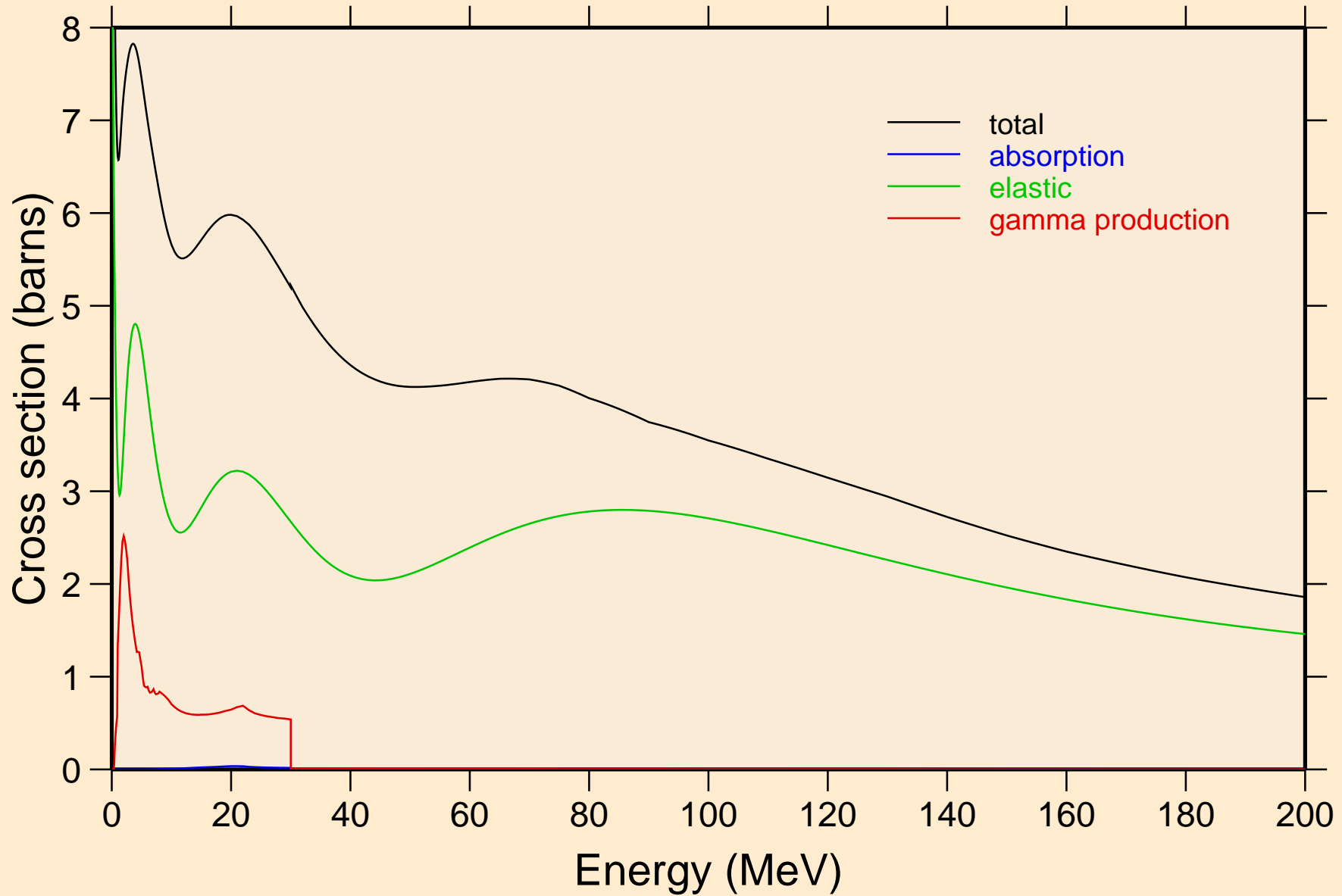


AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



# AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

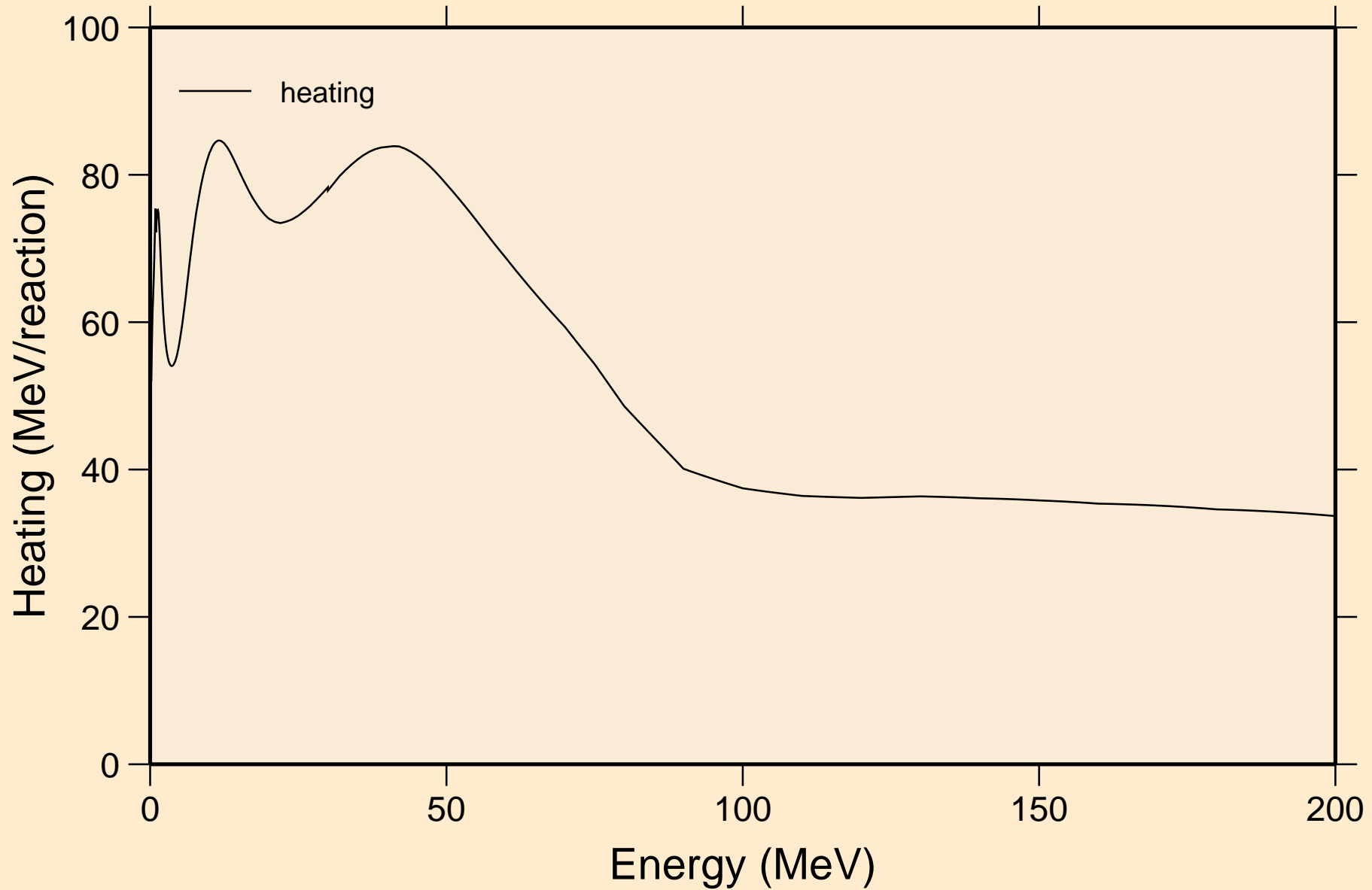
## Principal cross sections





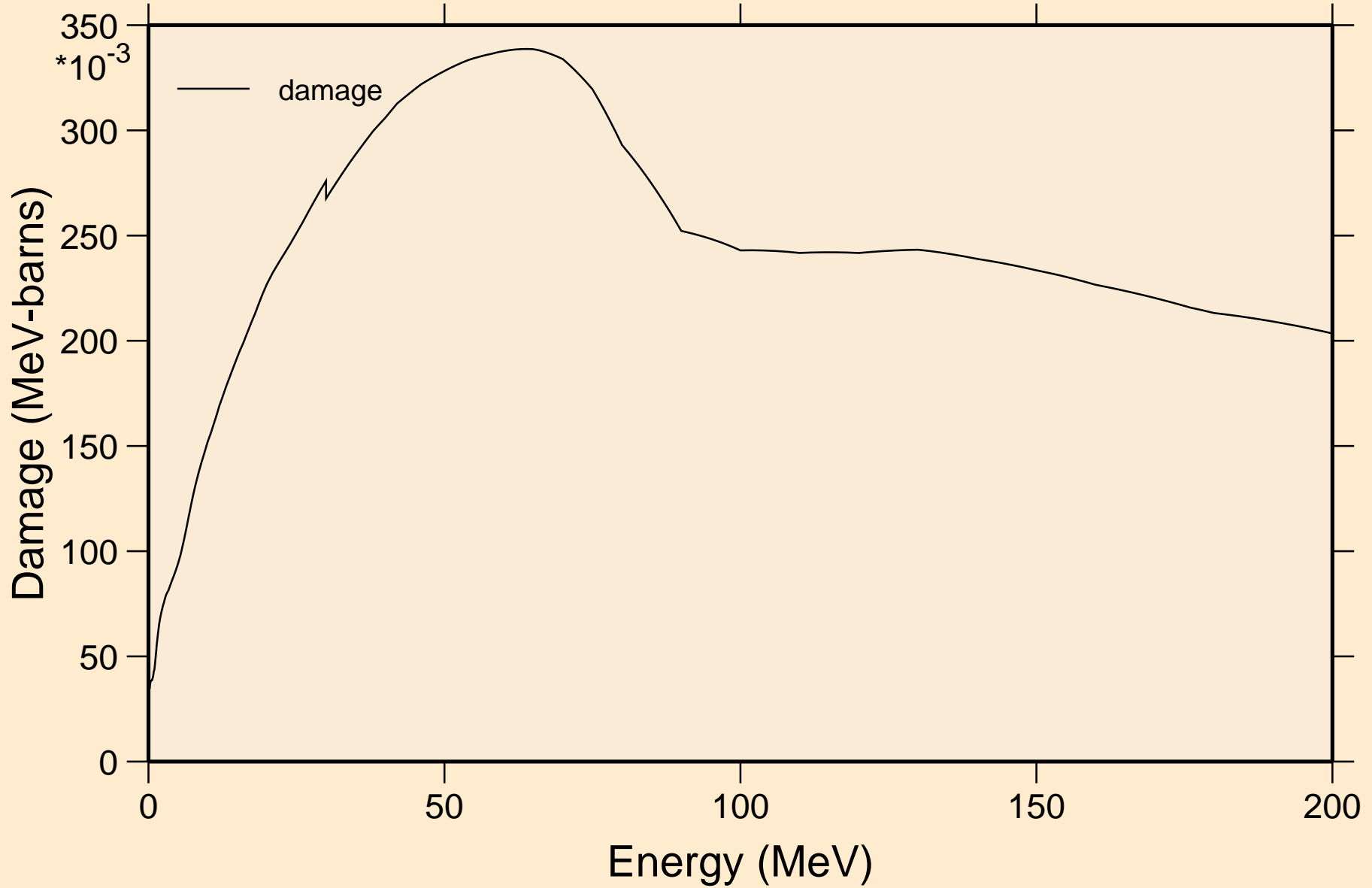
# AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



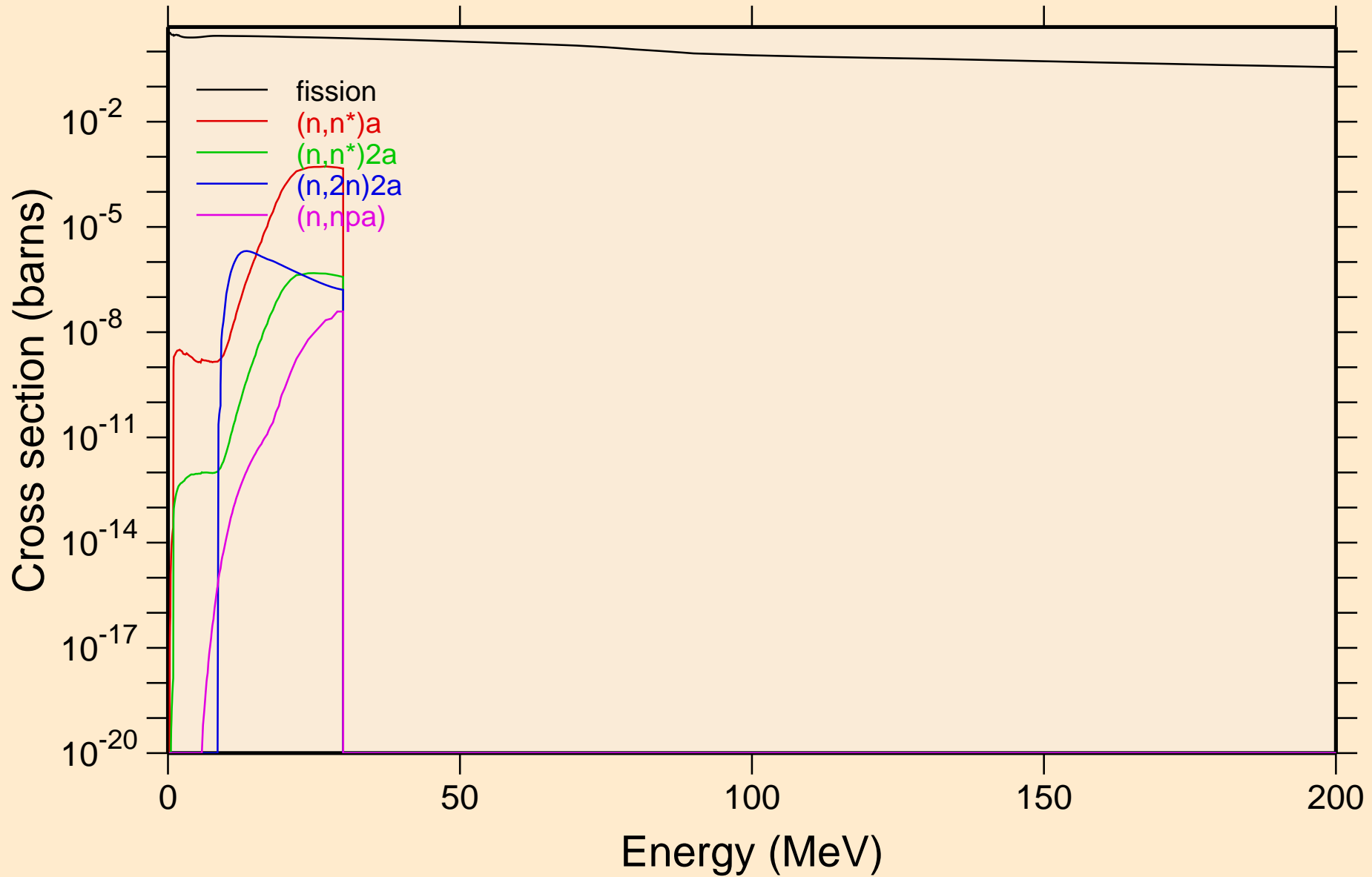
# AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage



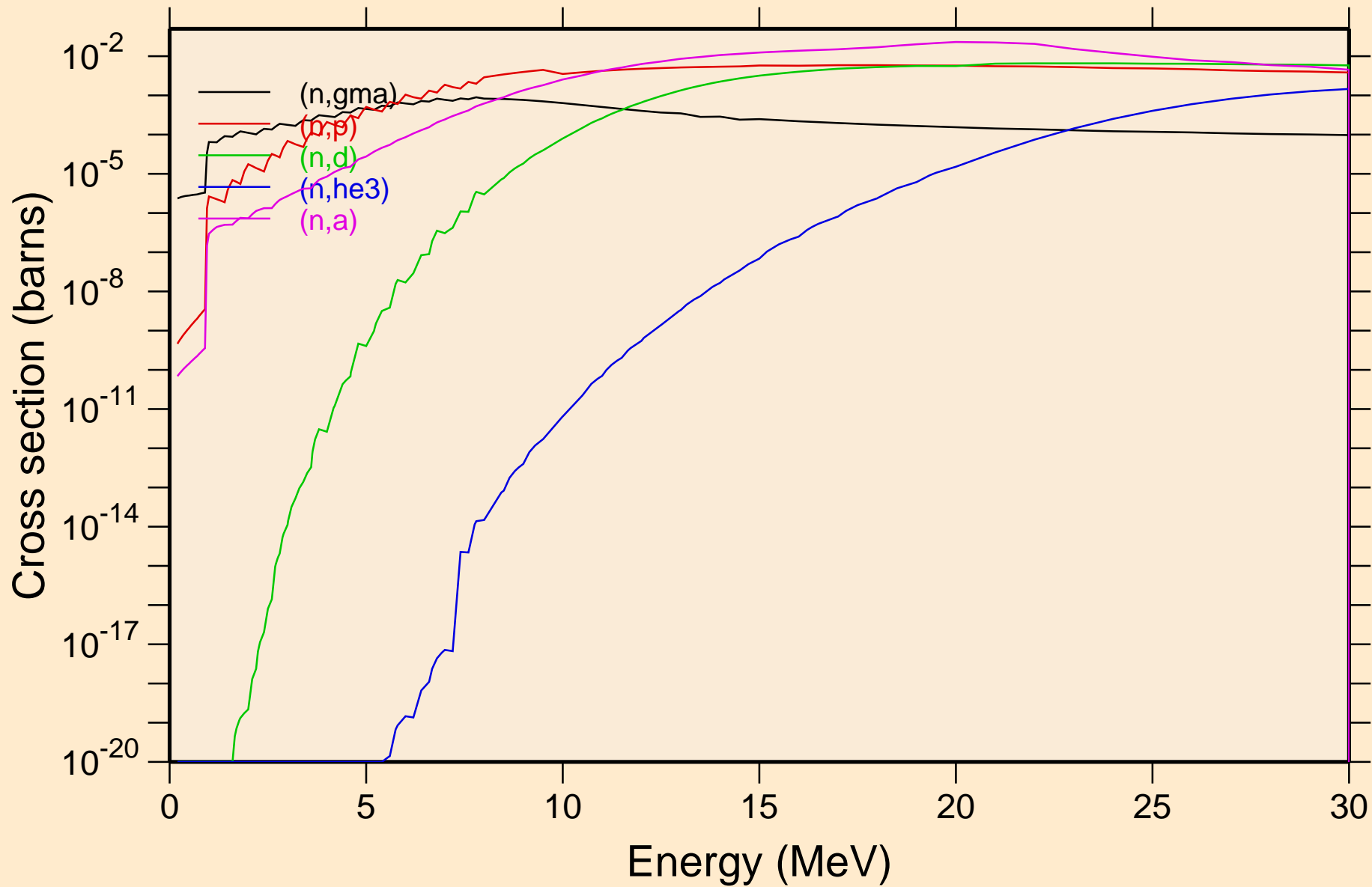
# AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

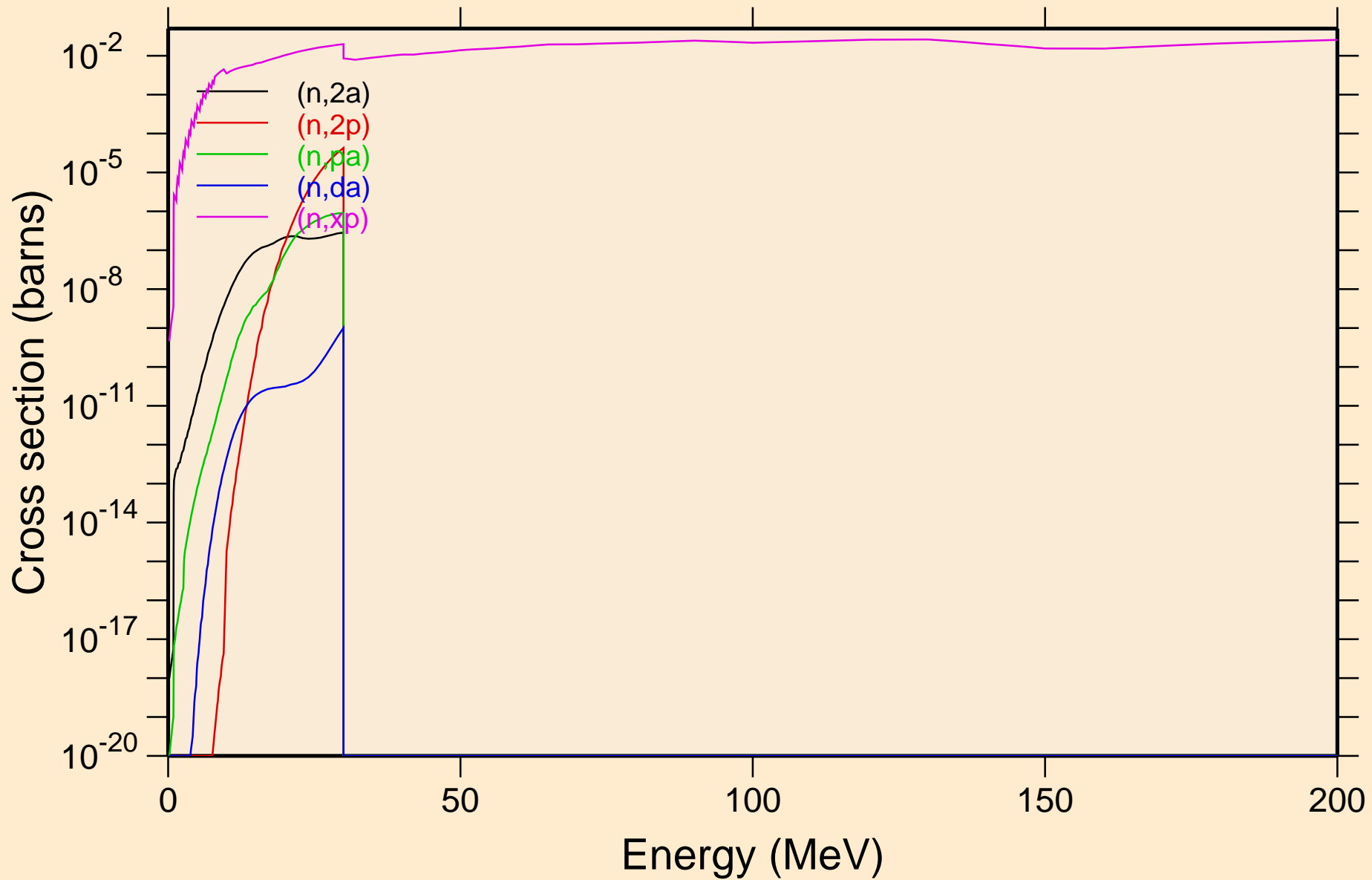


# AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

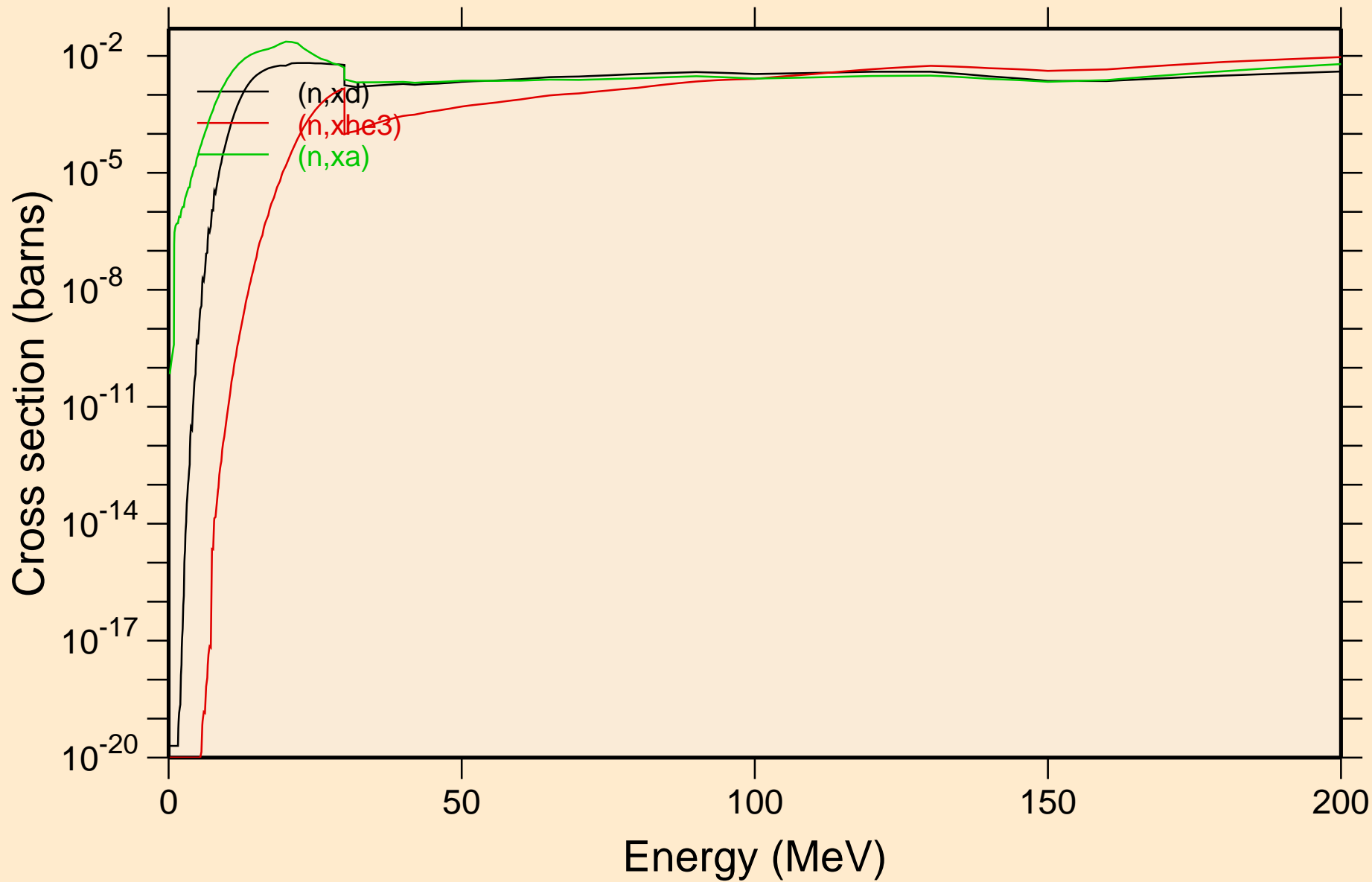
## Non-threshold reactions



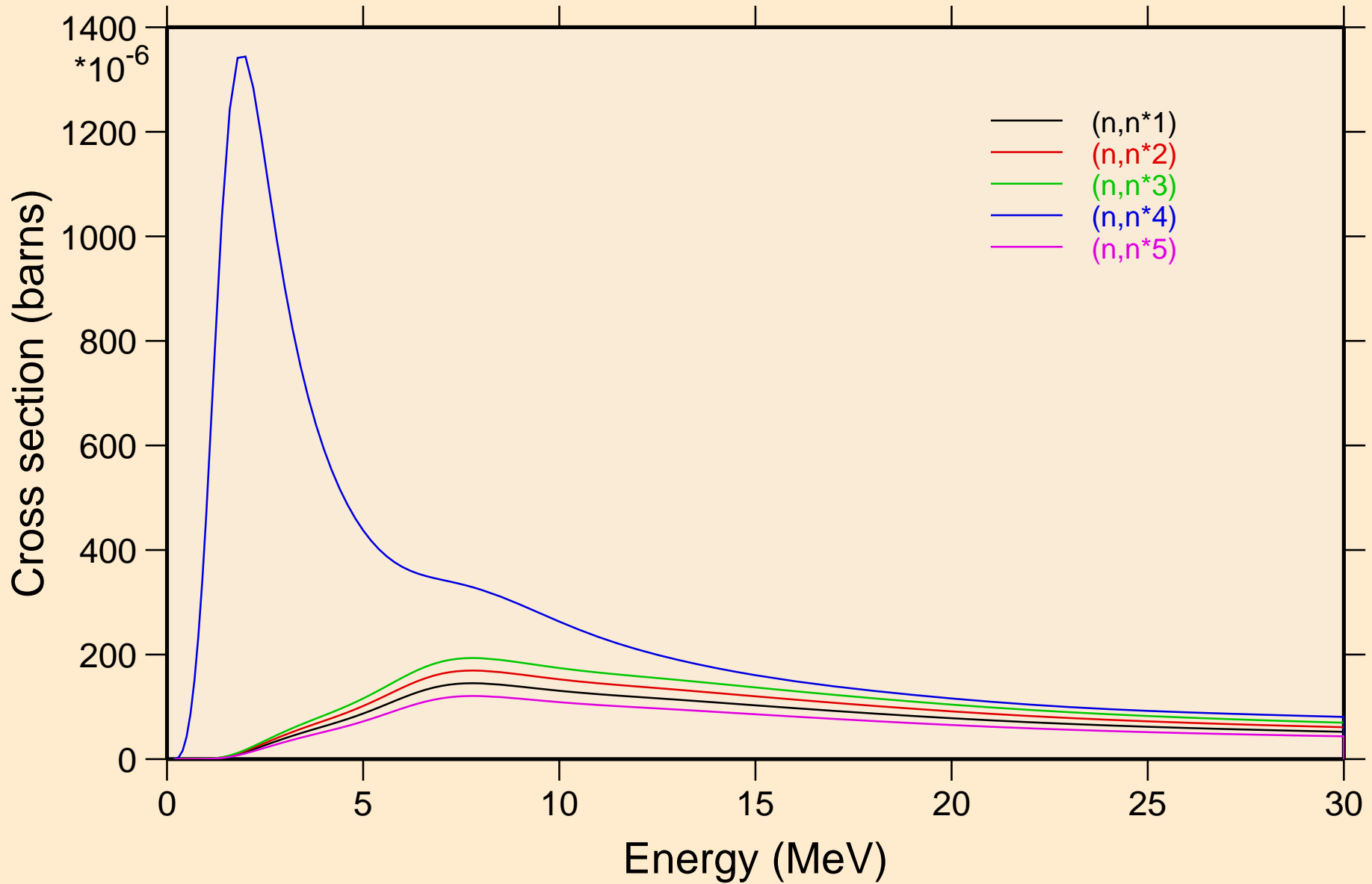
AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



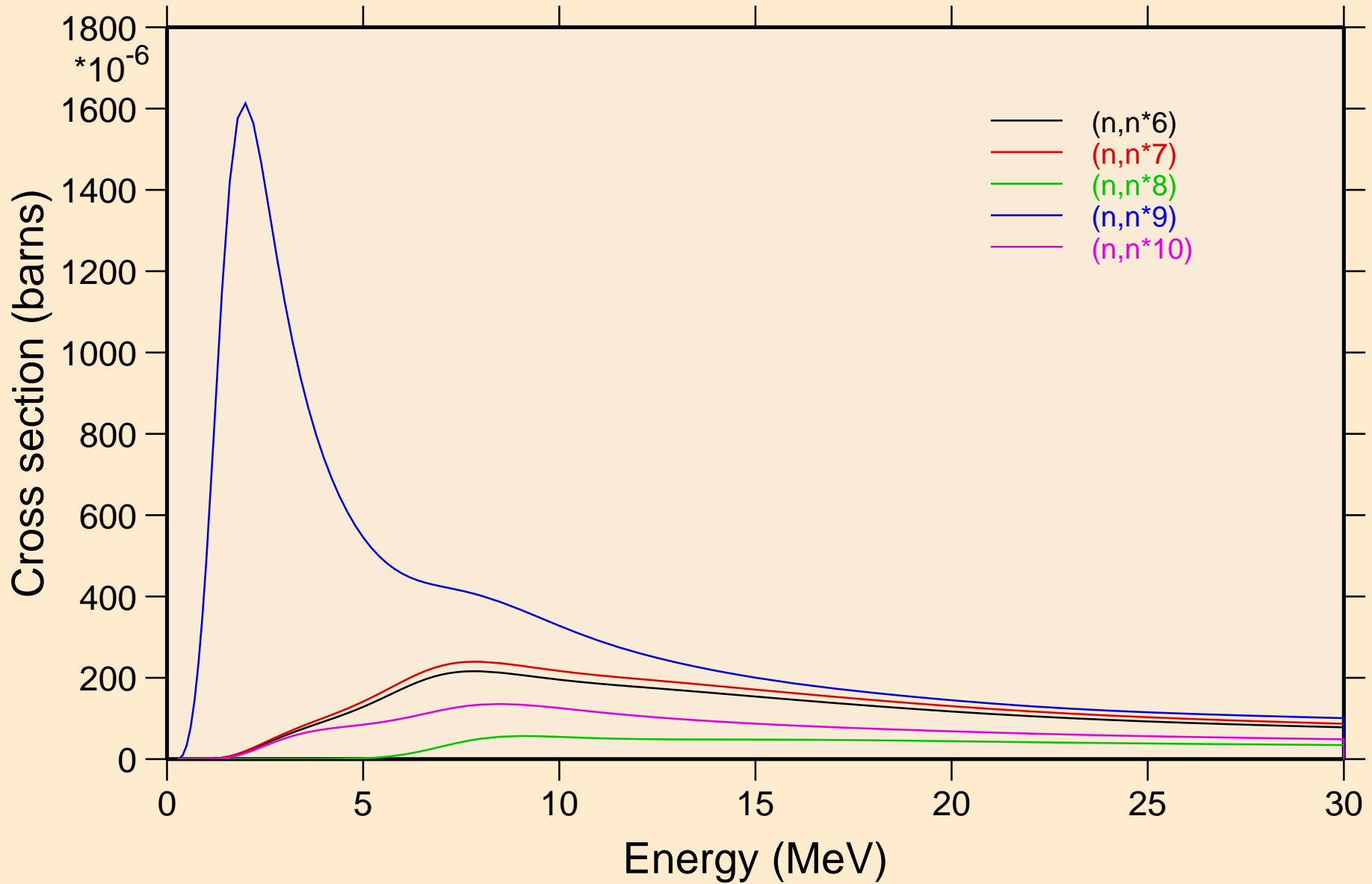
AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

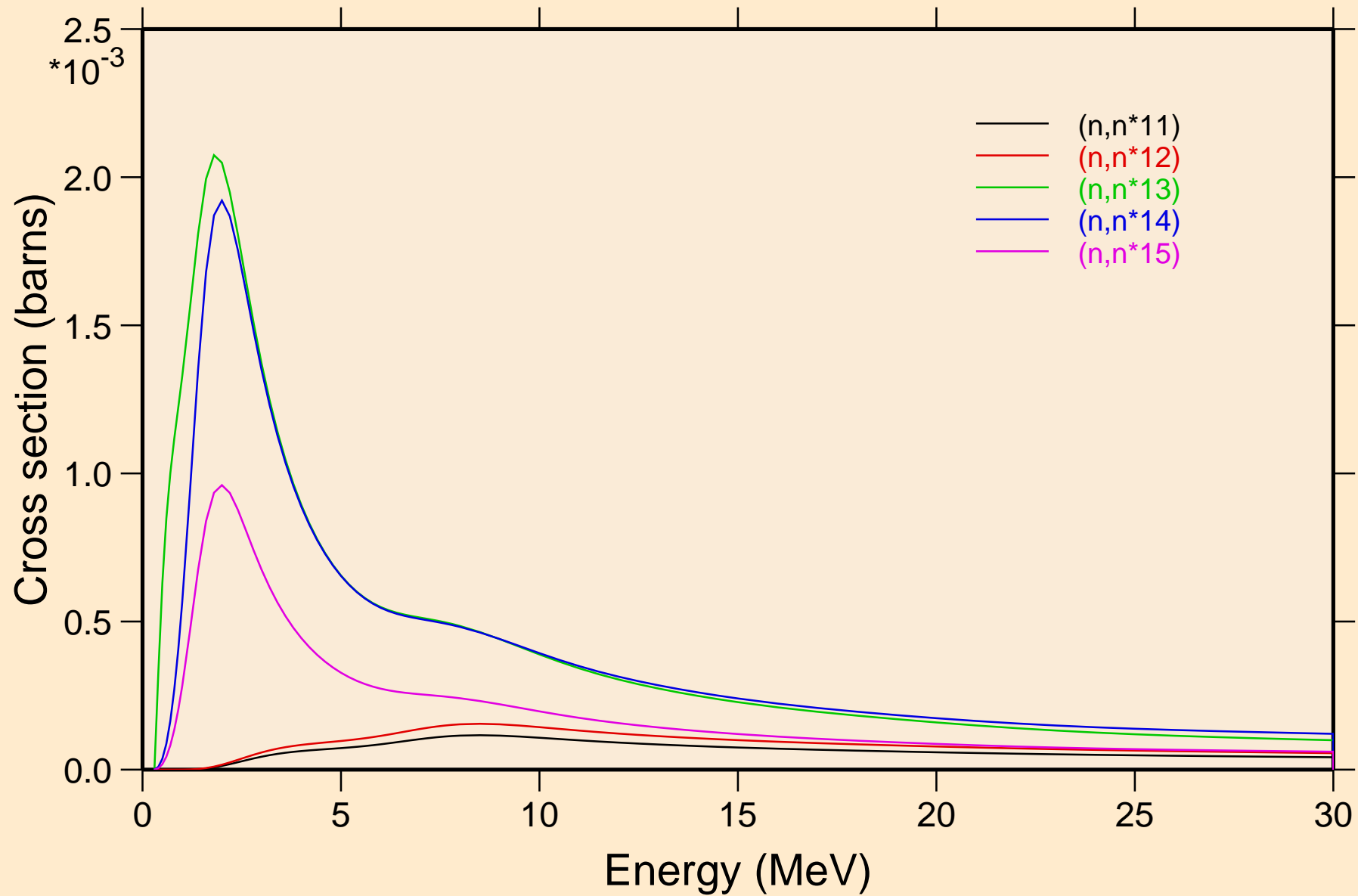


AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

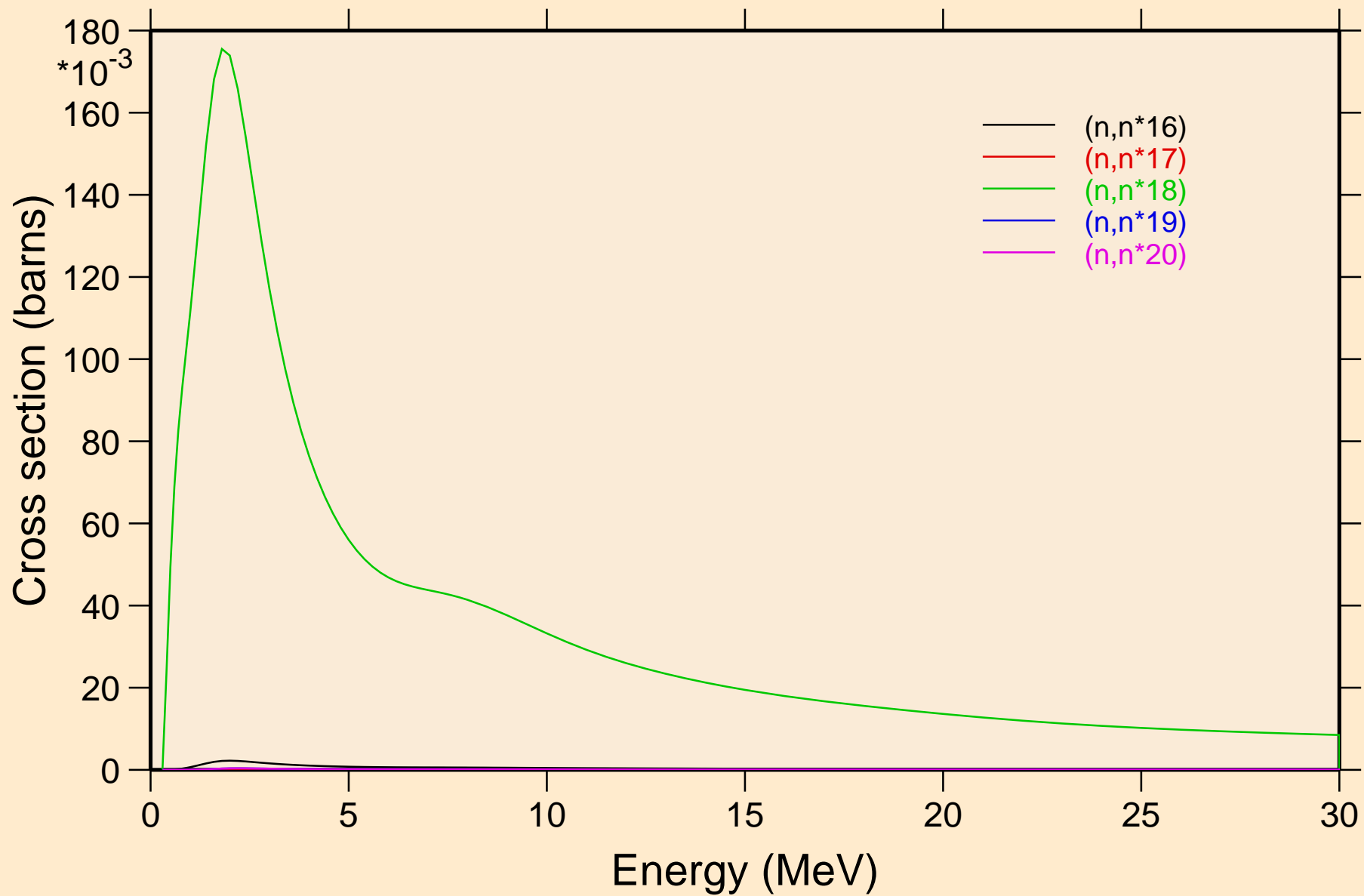




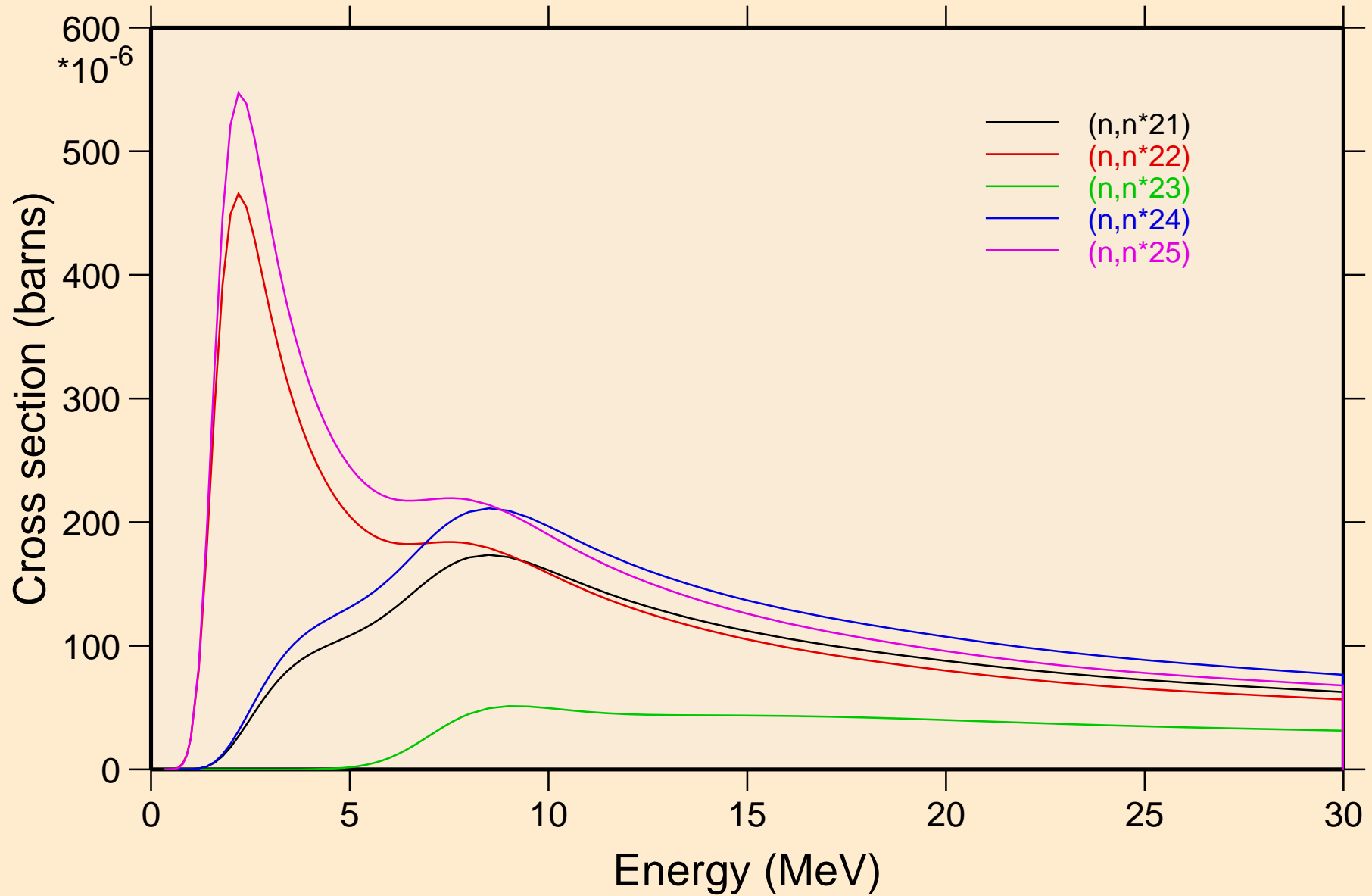
AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



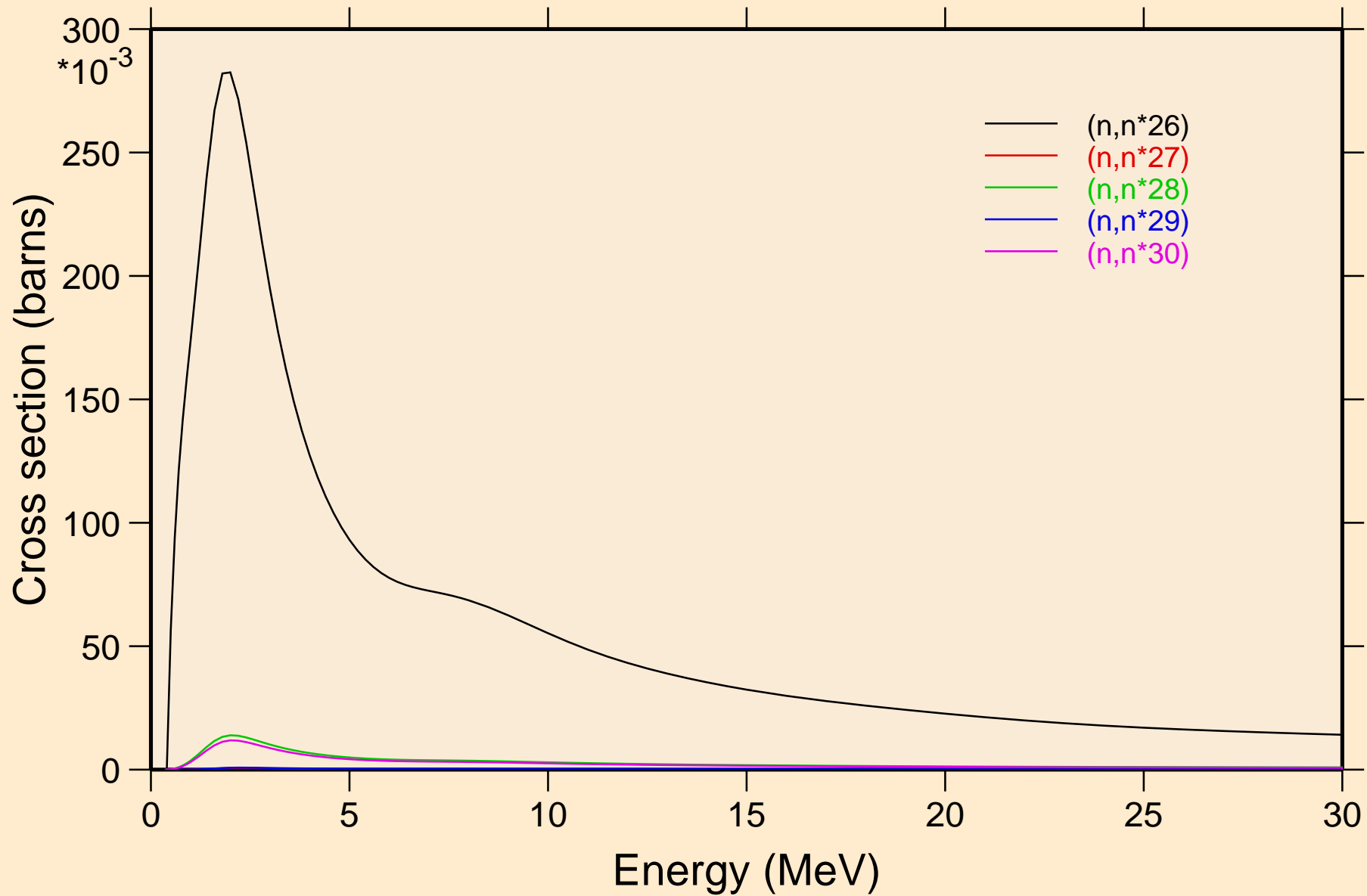
AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

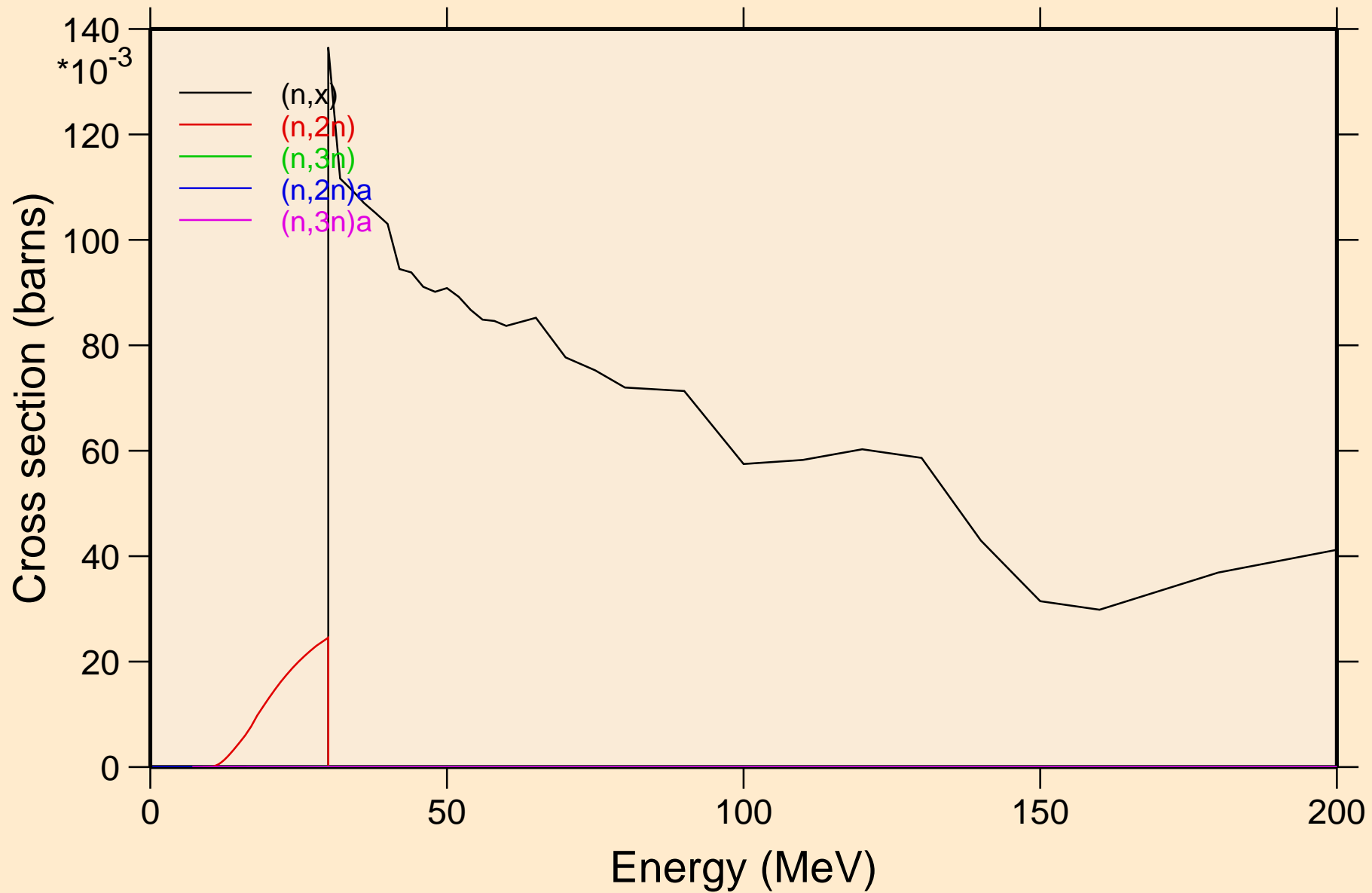


AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

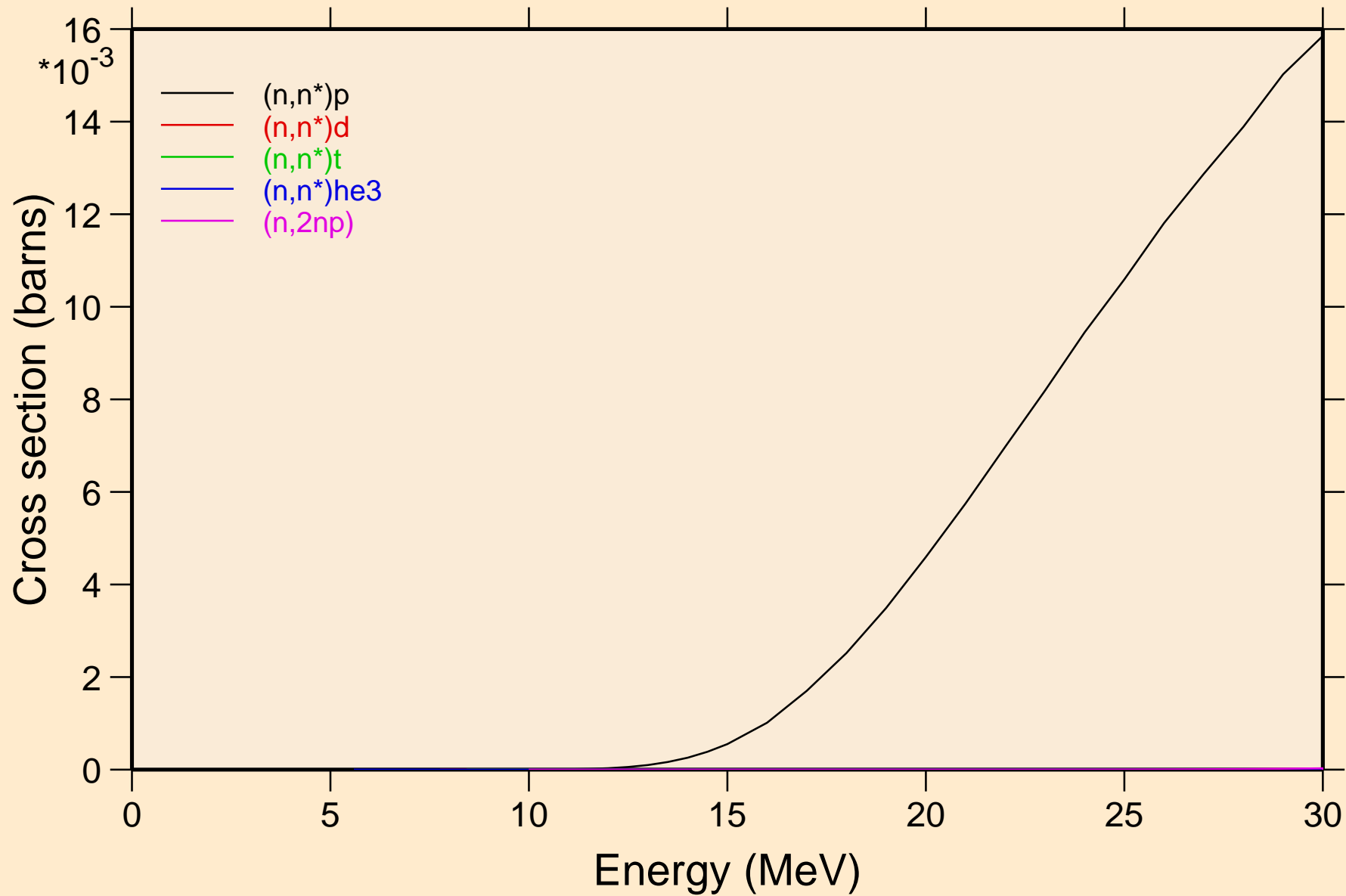


# AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

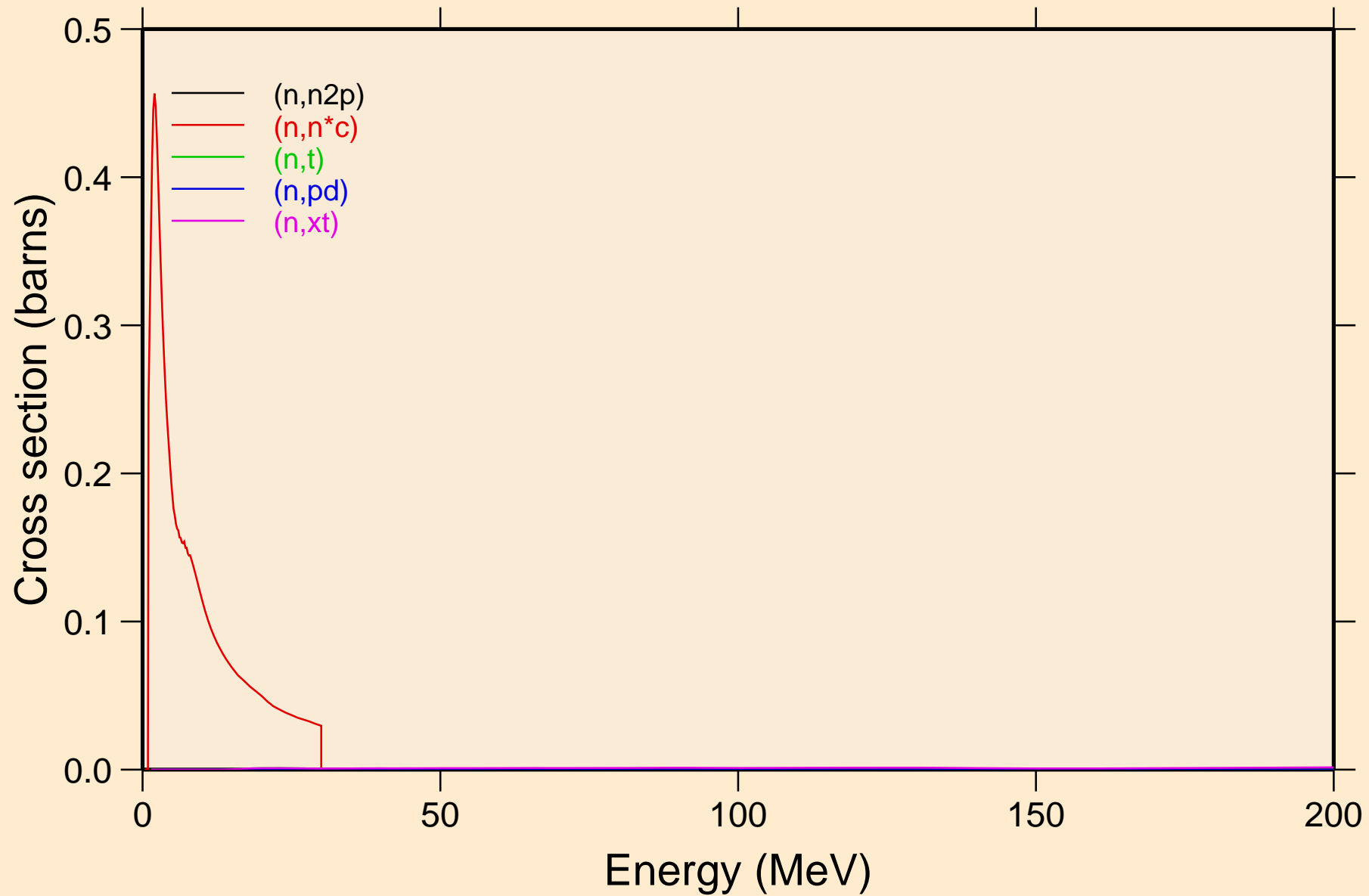


AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

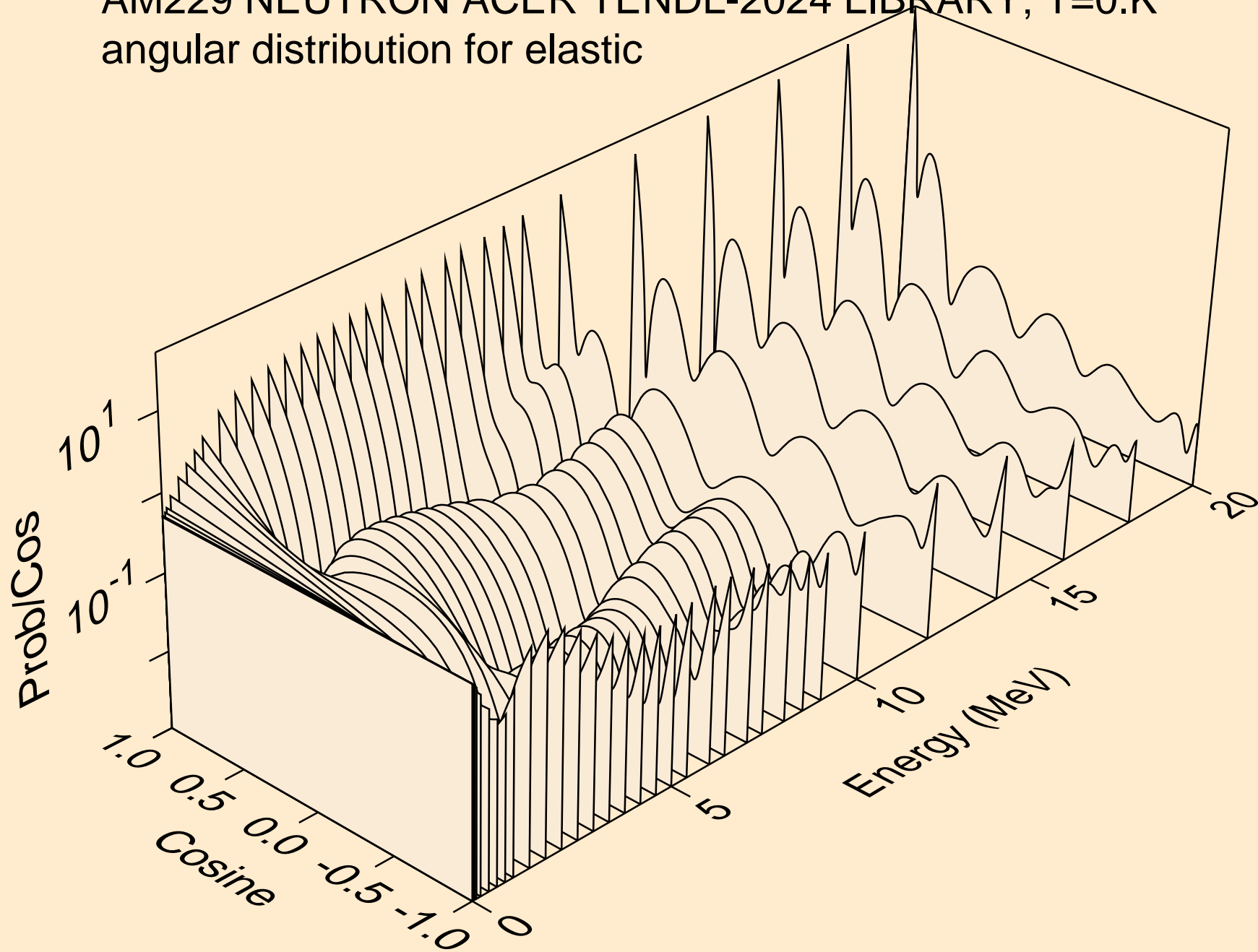


# AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

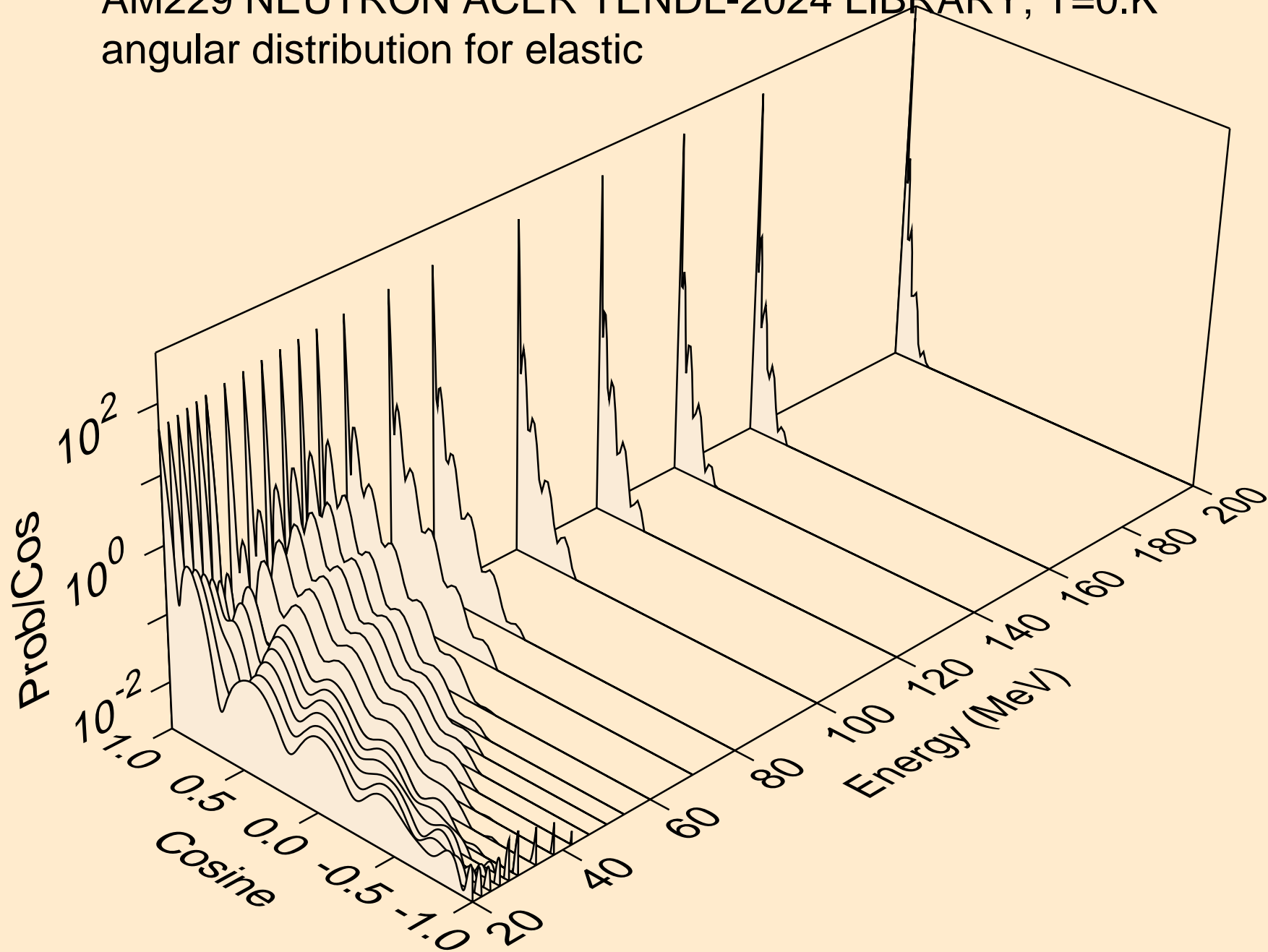


AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

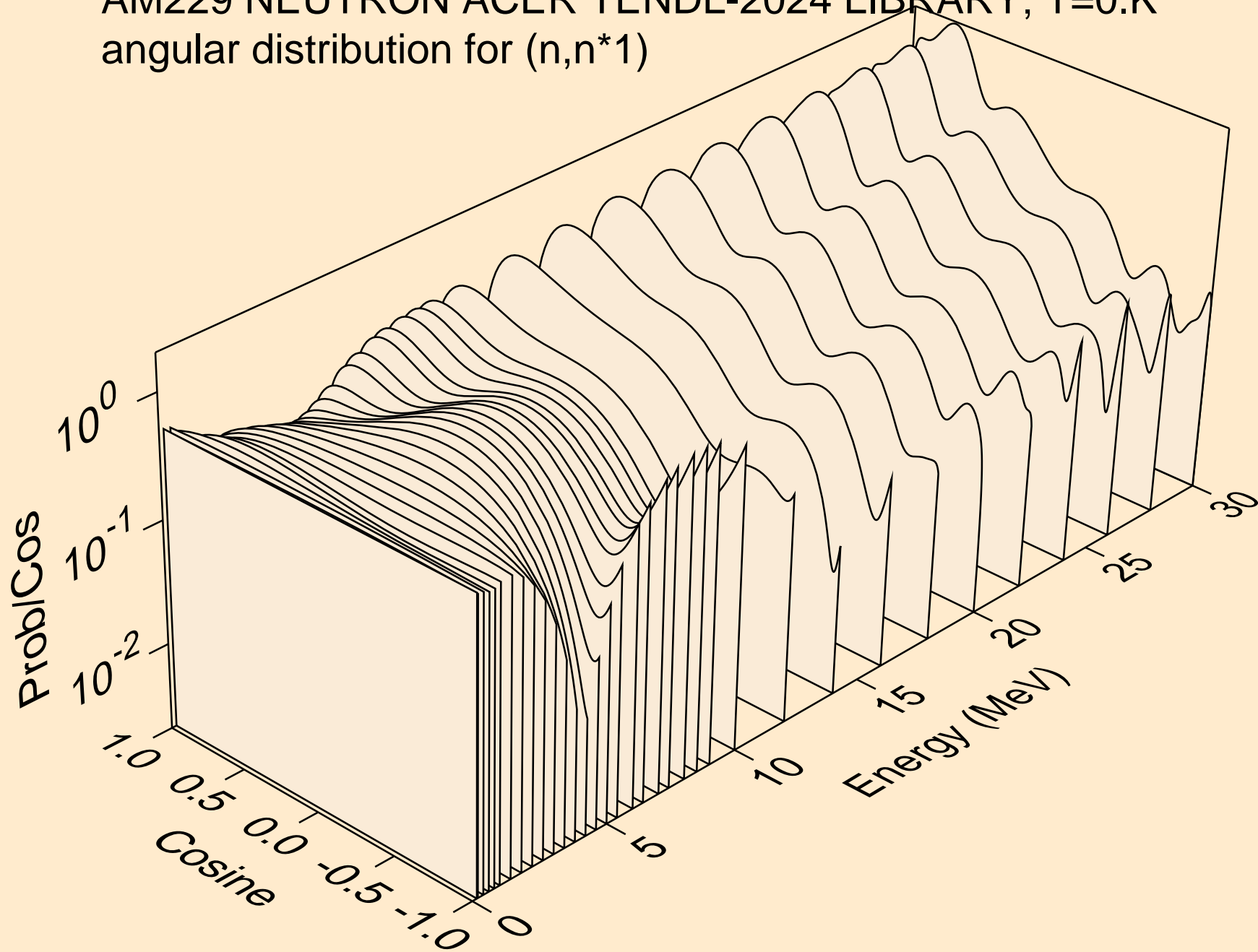




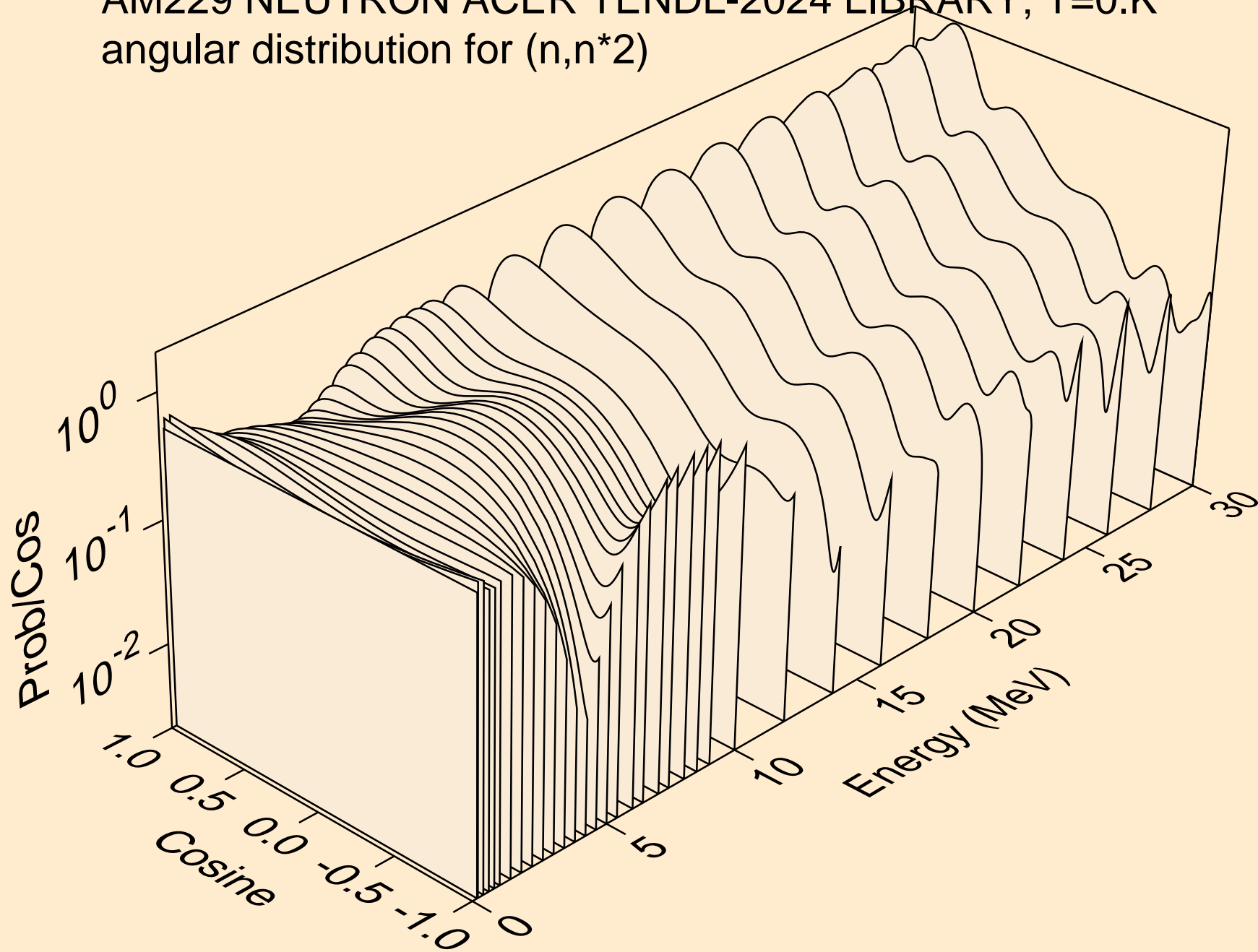
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angular distribution for elastic



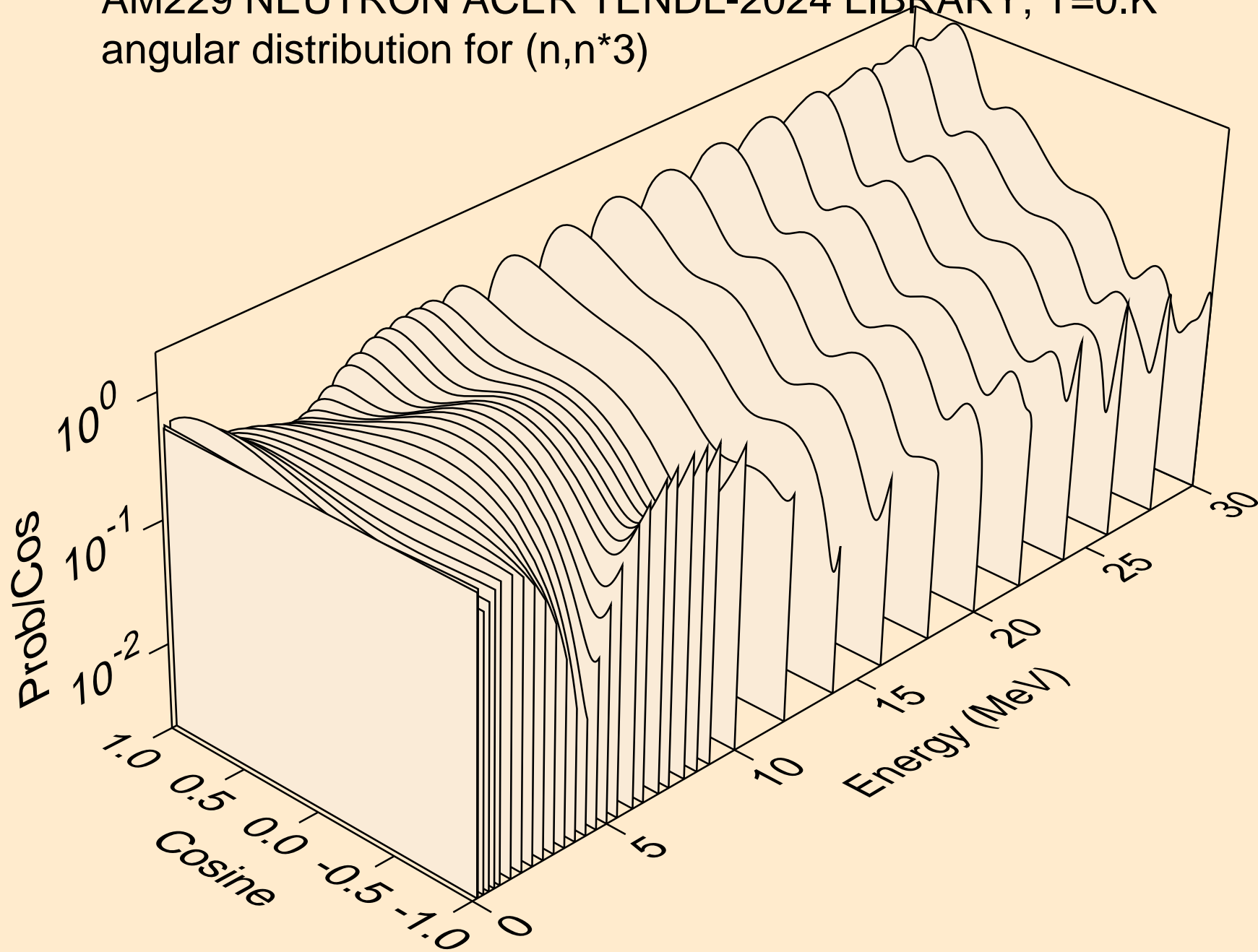
AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



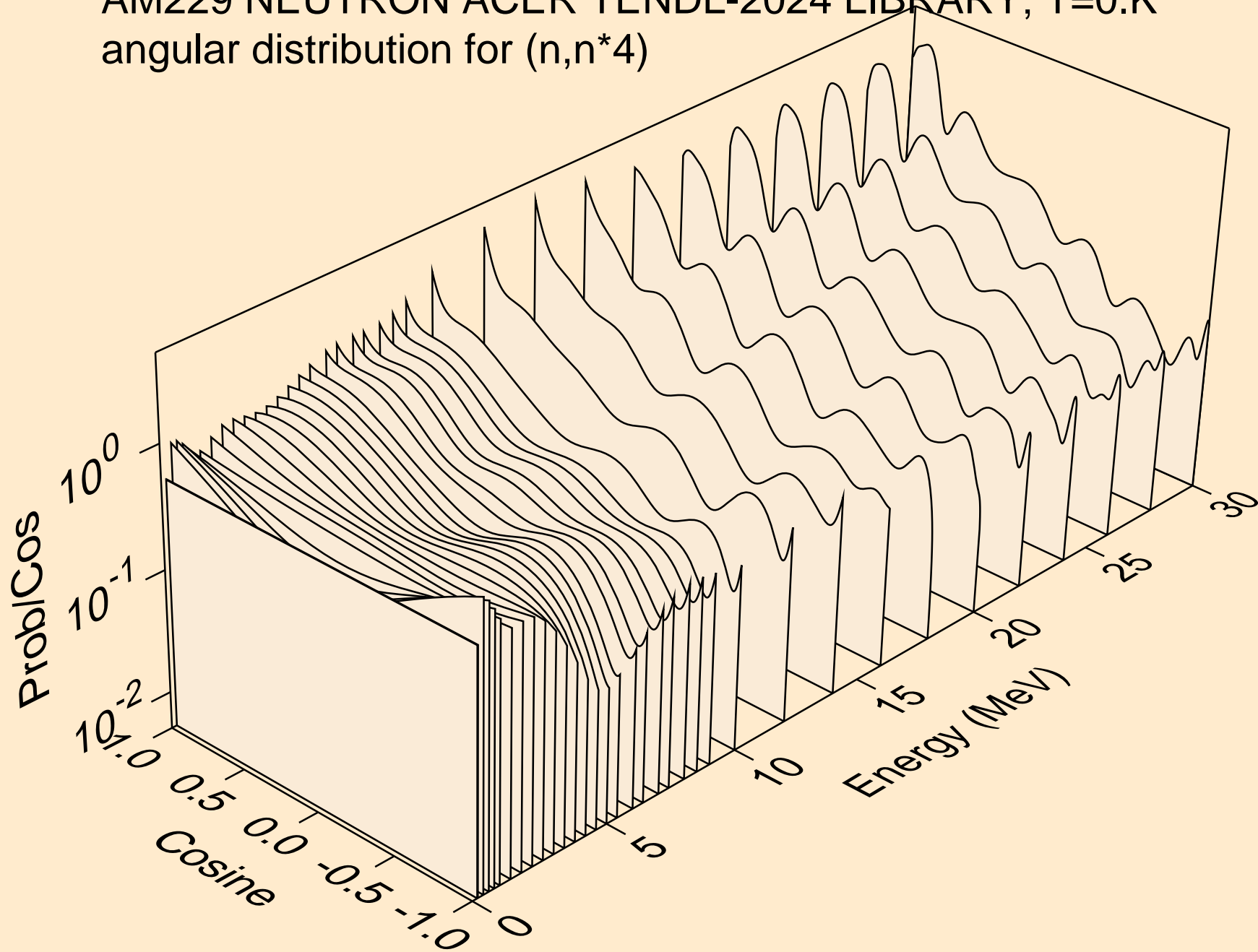
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angular distribution for (n,n\*2)



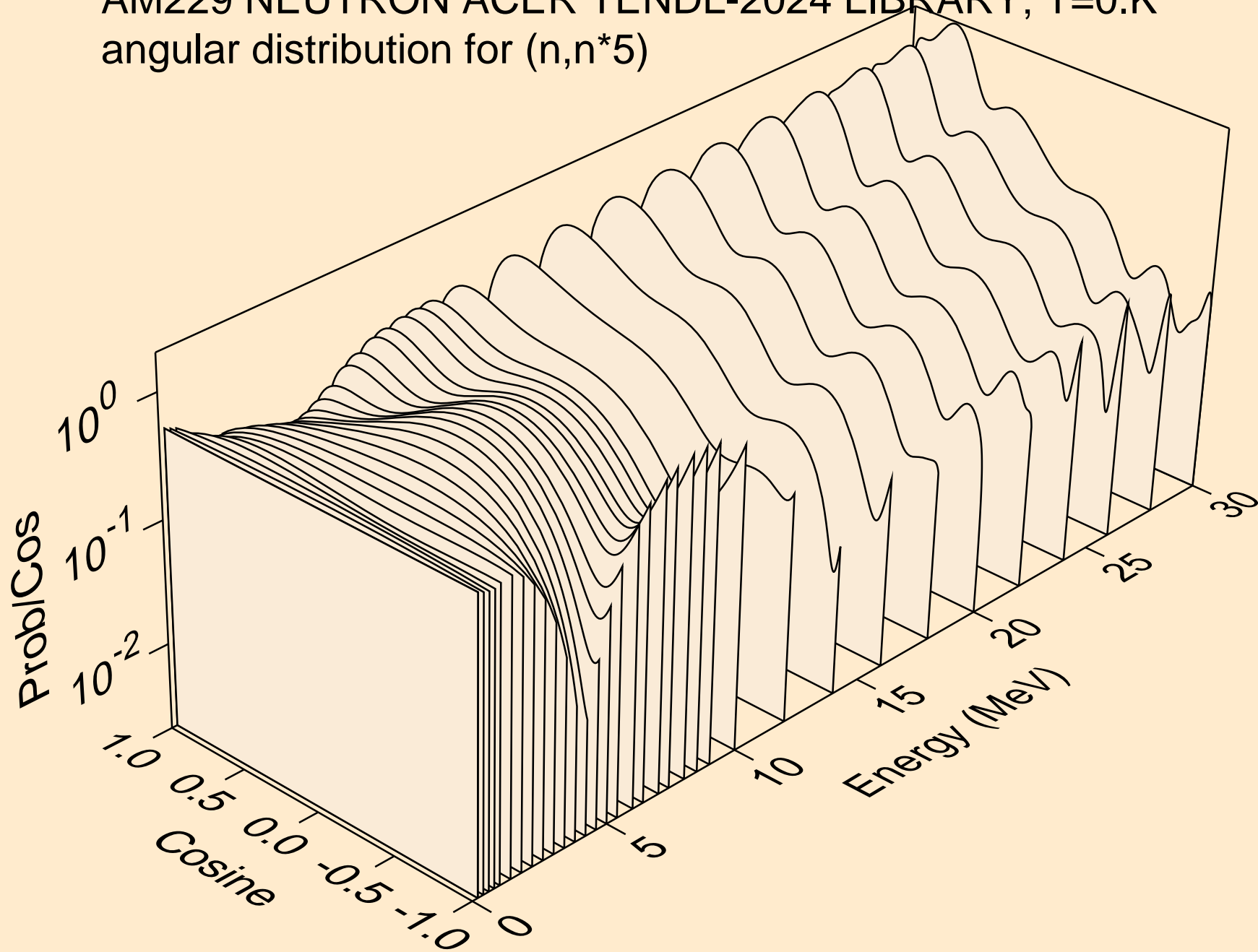
AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



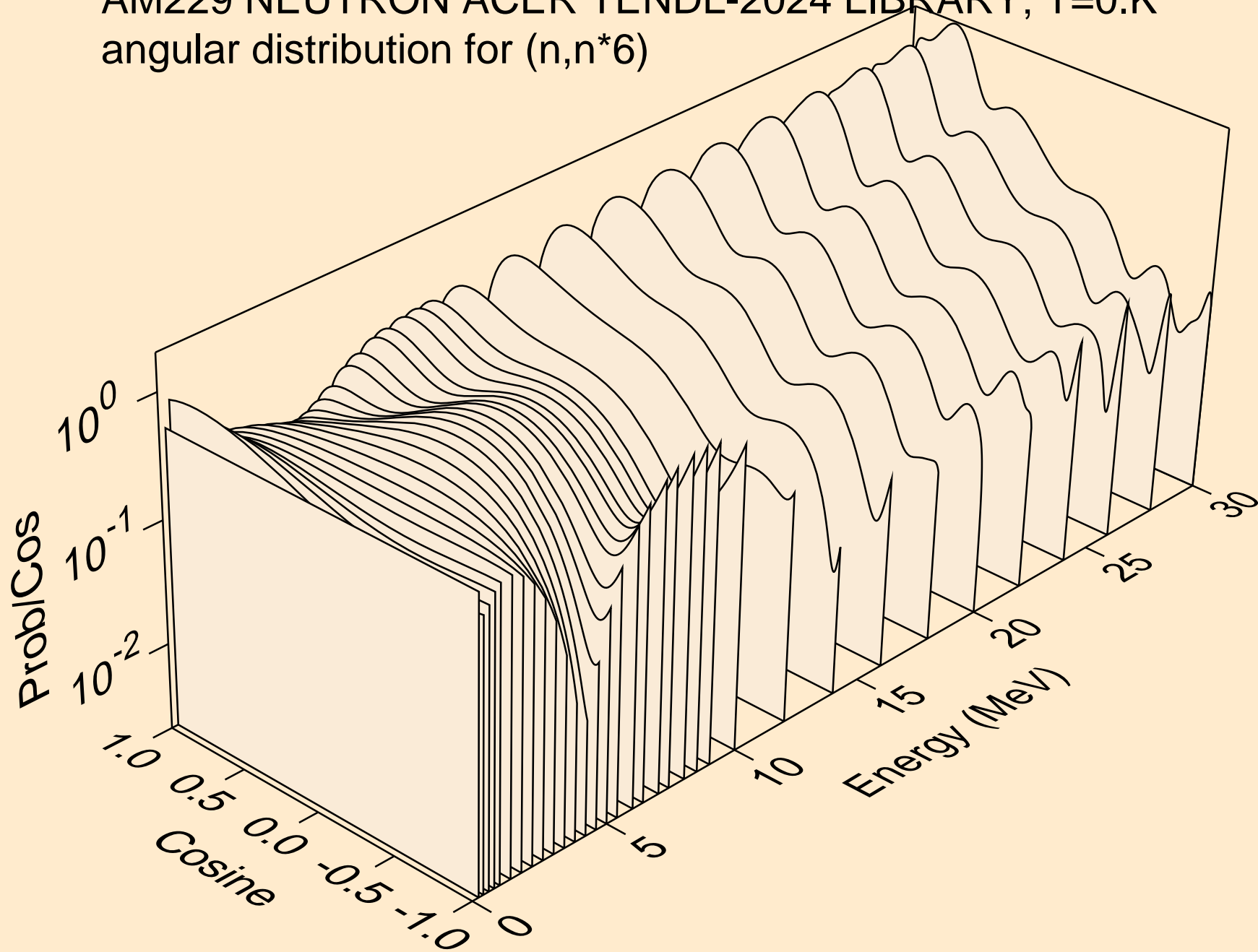
AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



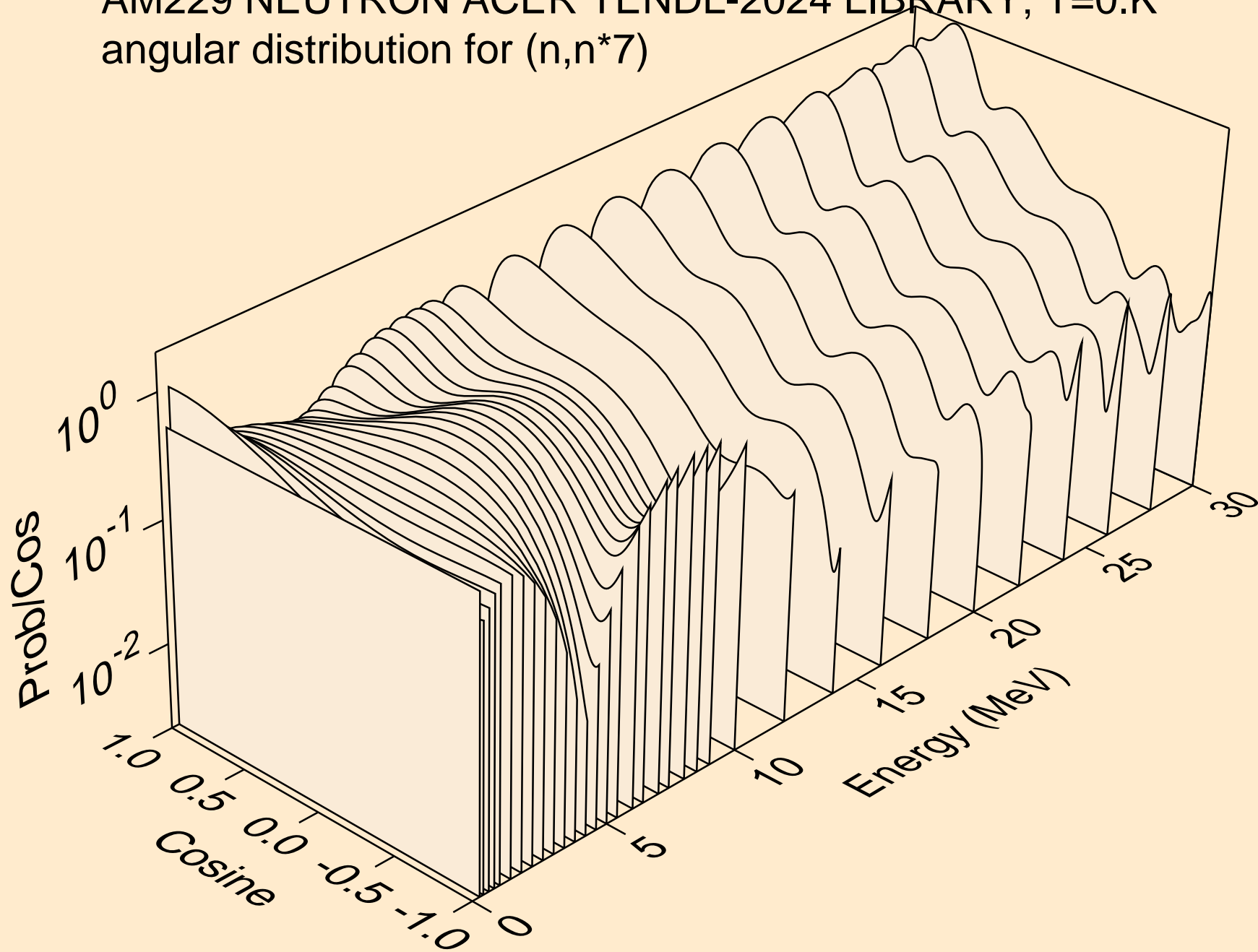
AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)

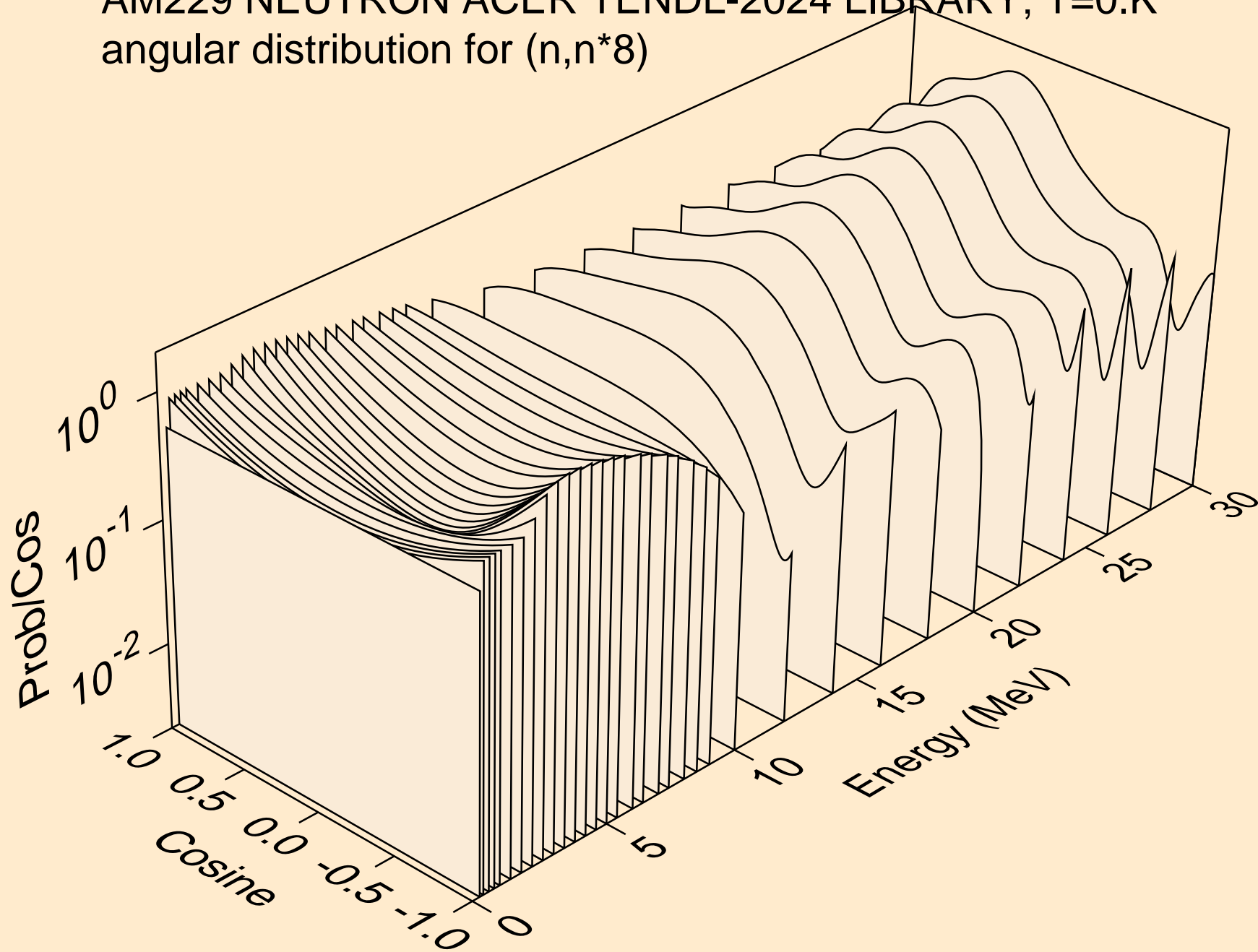


AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)

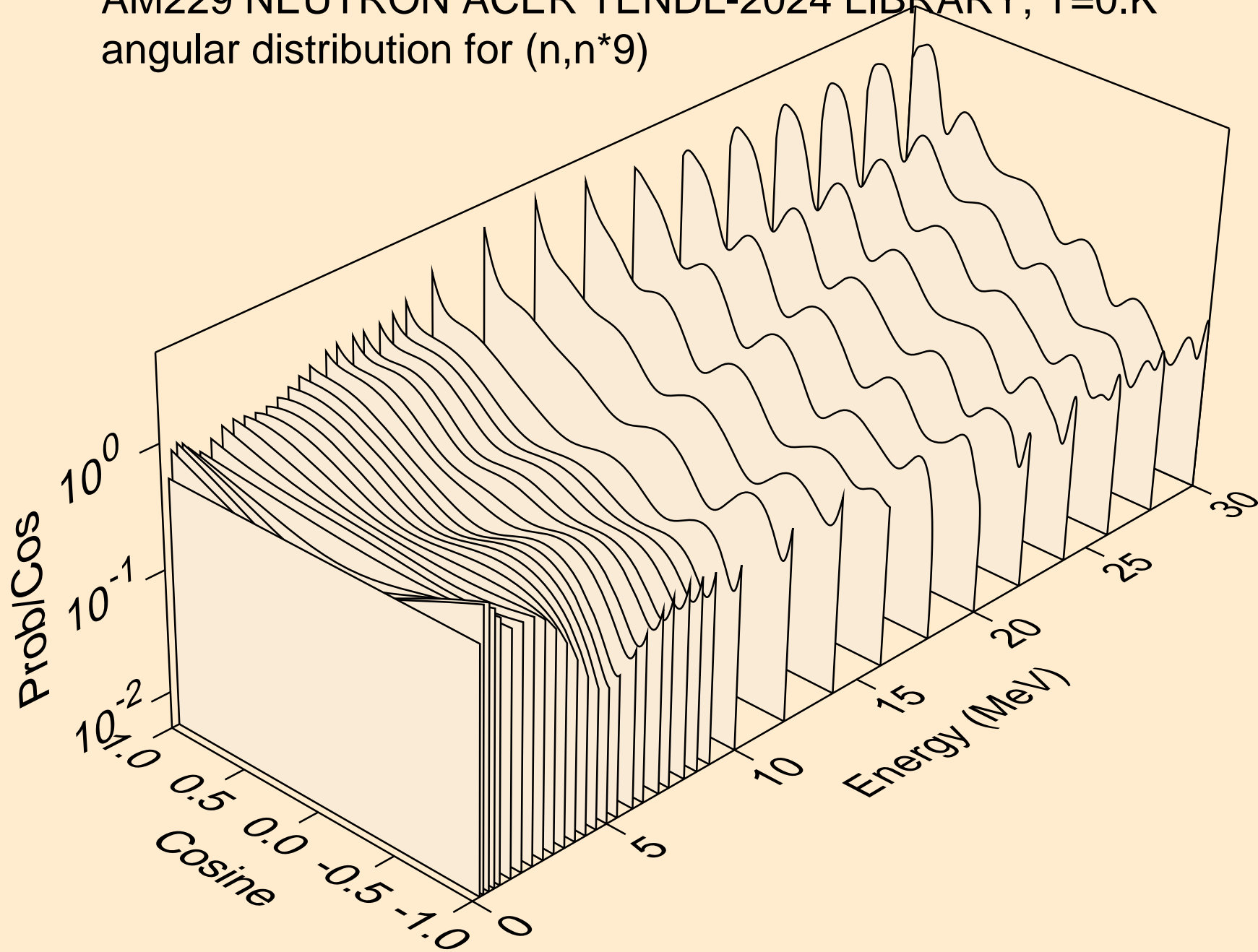




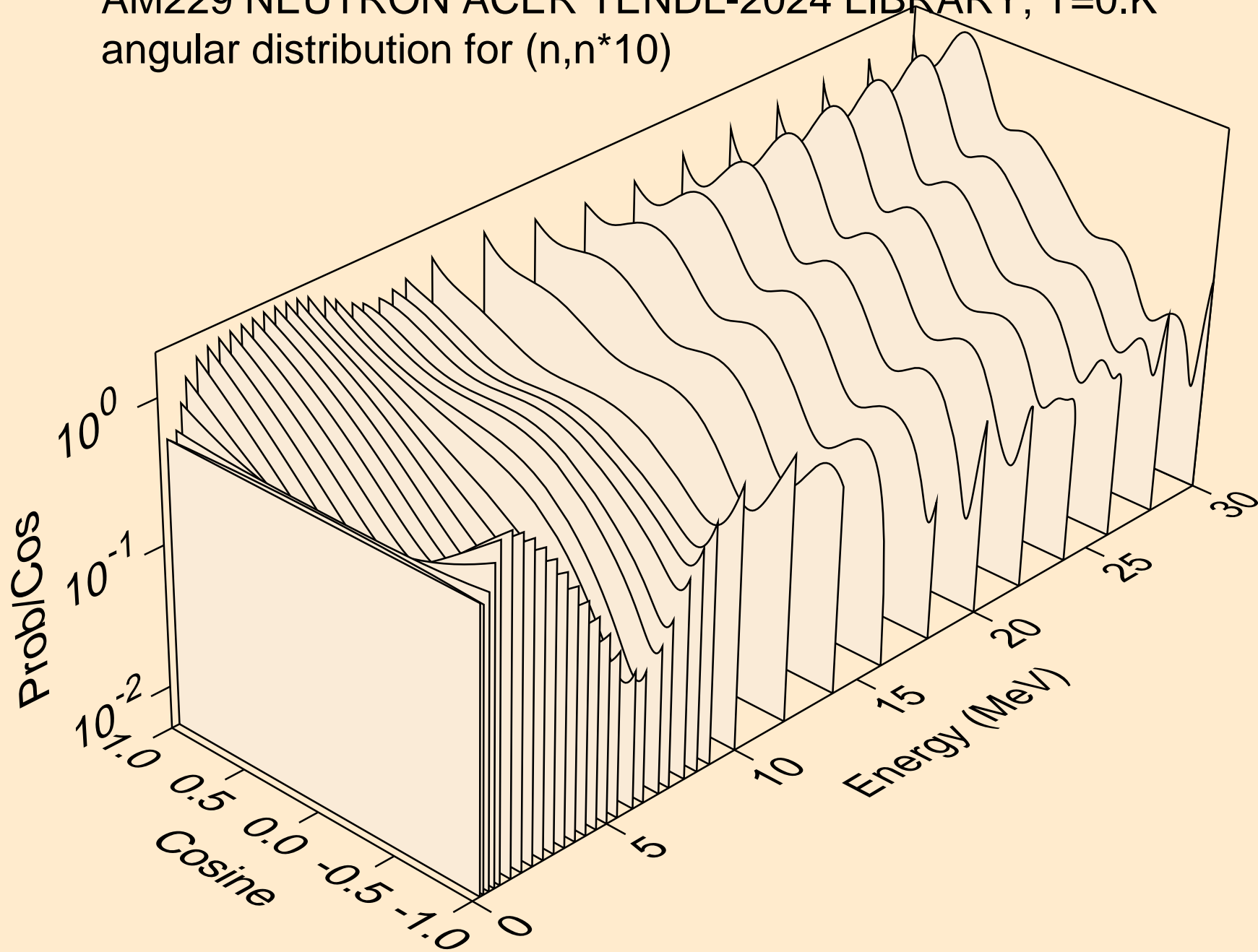
AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



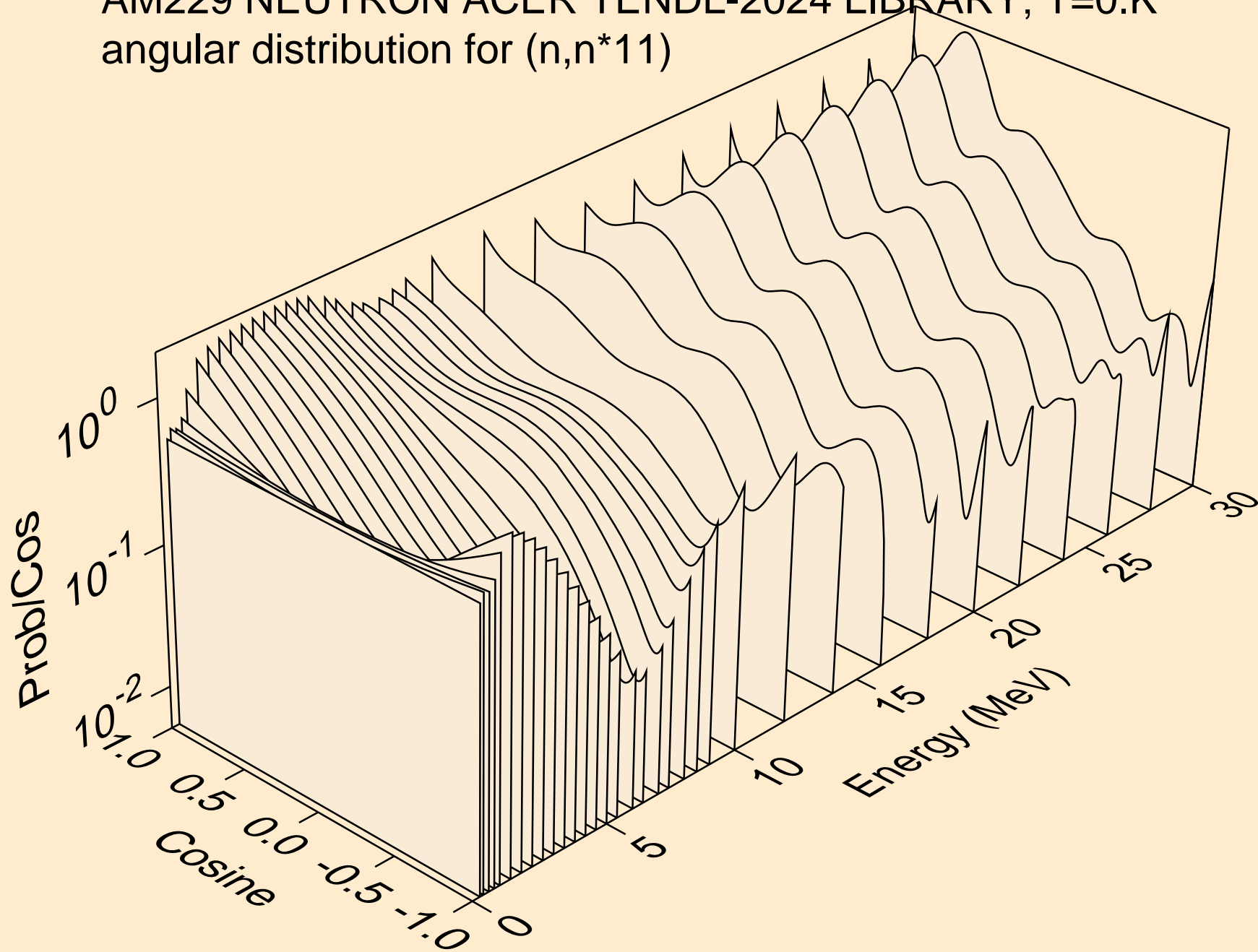
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angular distribution for (n,n\*9)



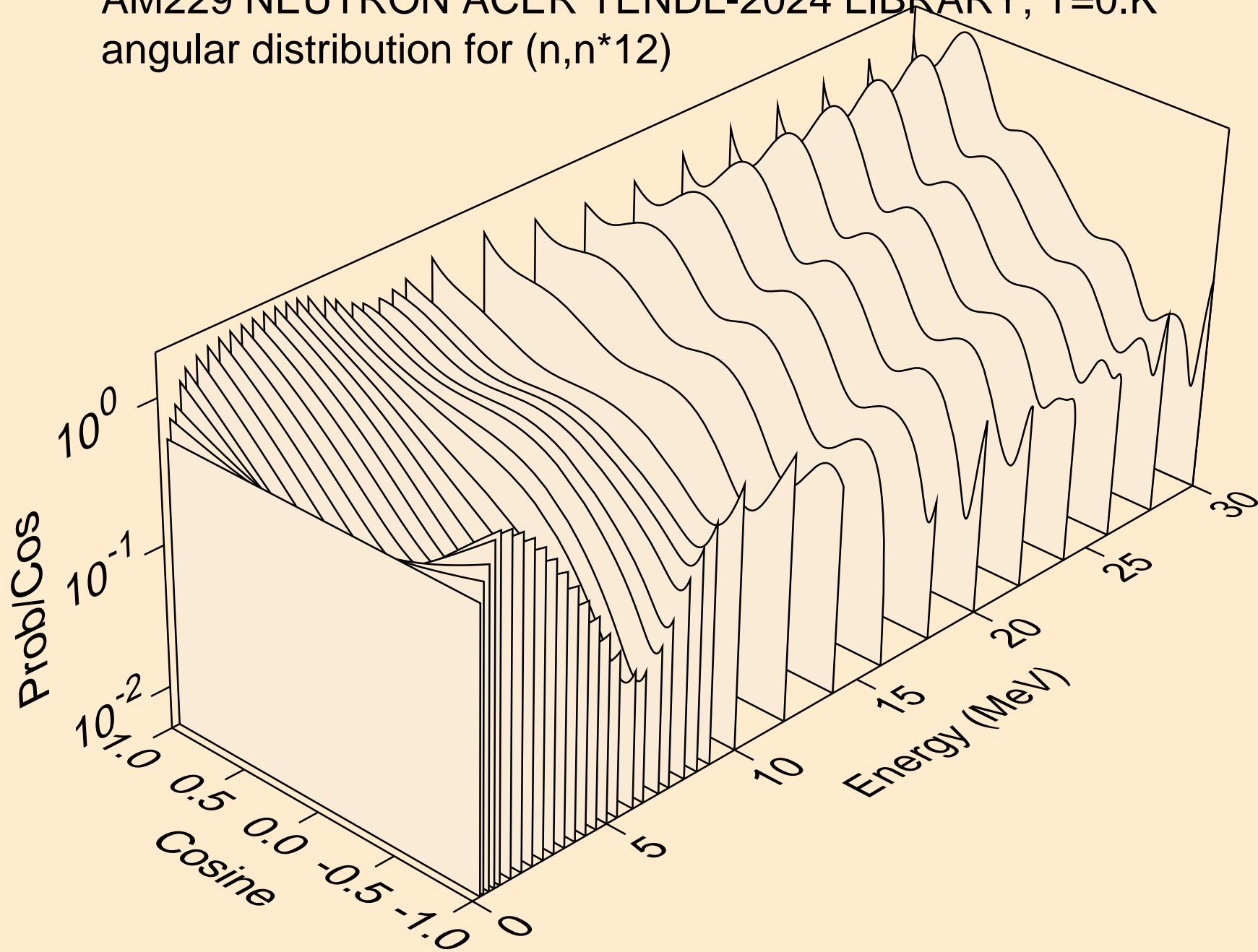
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angular distribution for (n,n\*10)



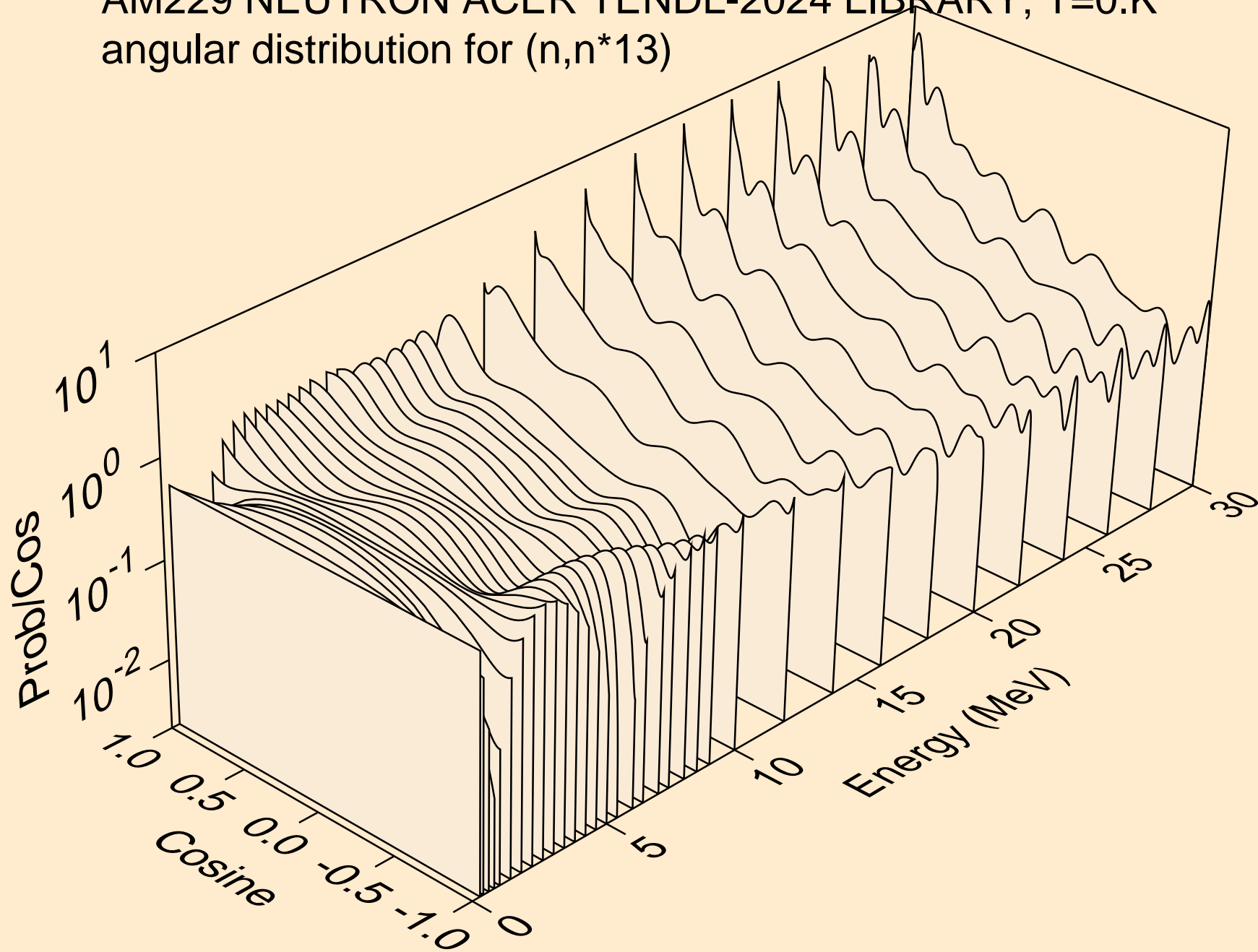
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angular distribution for (n,n\*11)



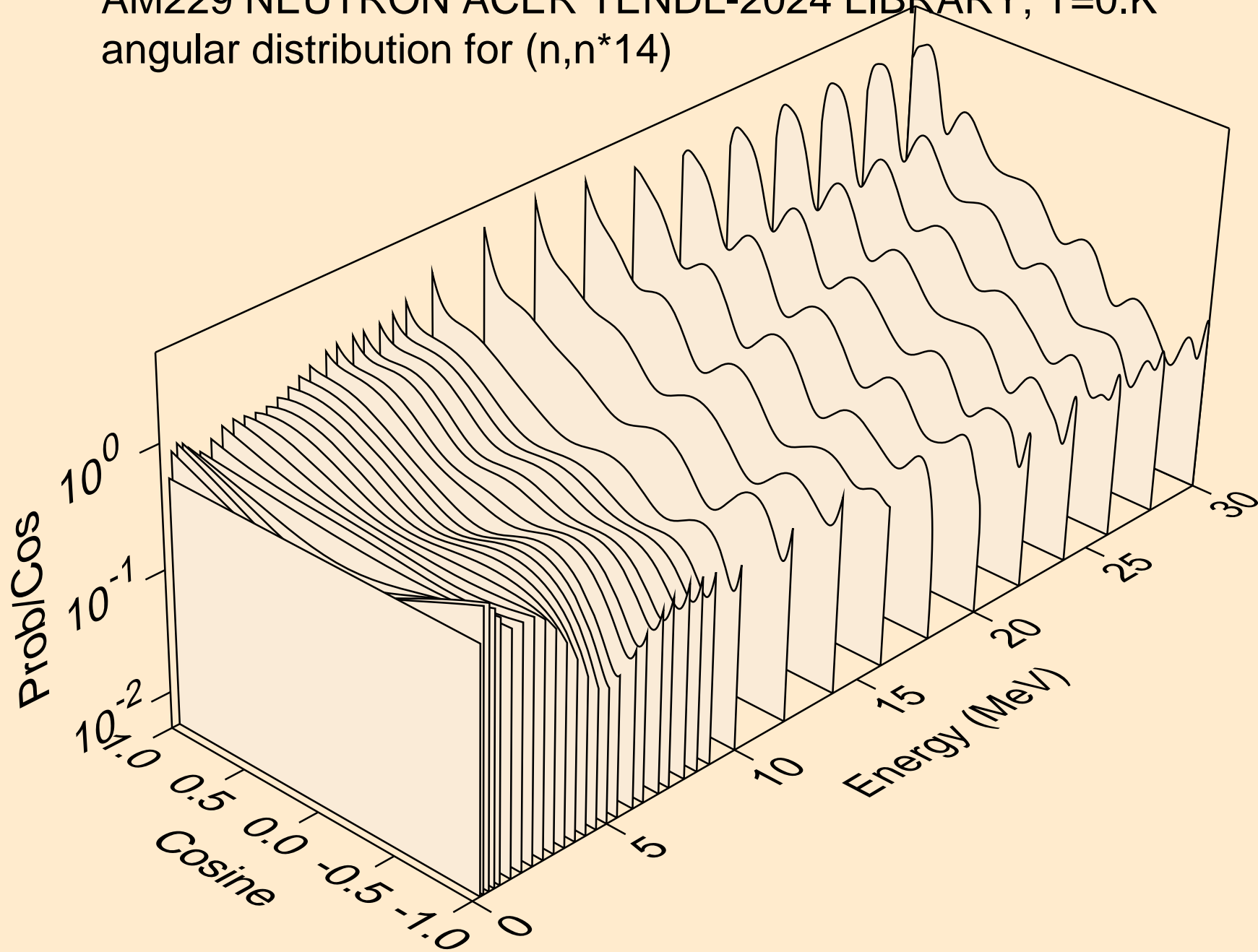
AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)

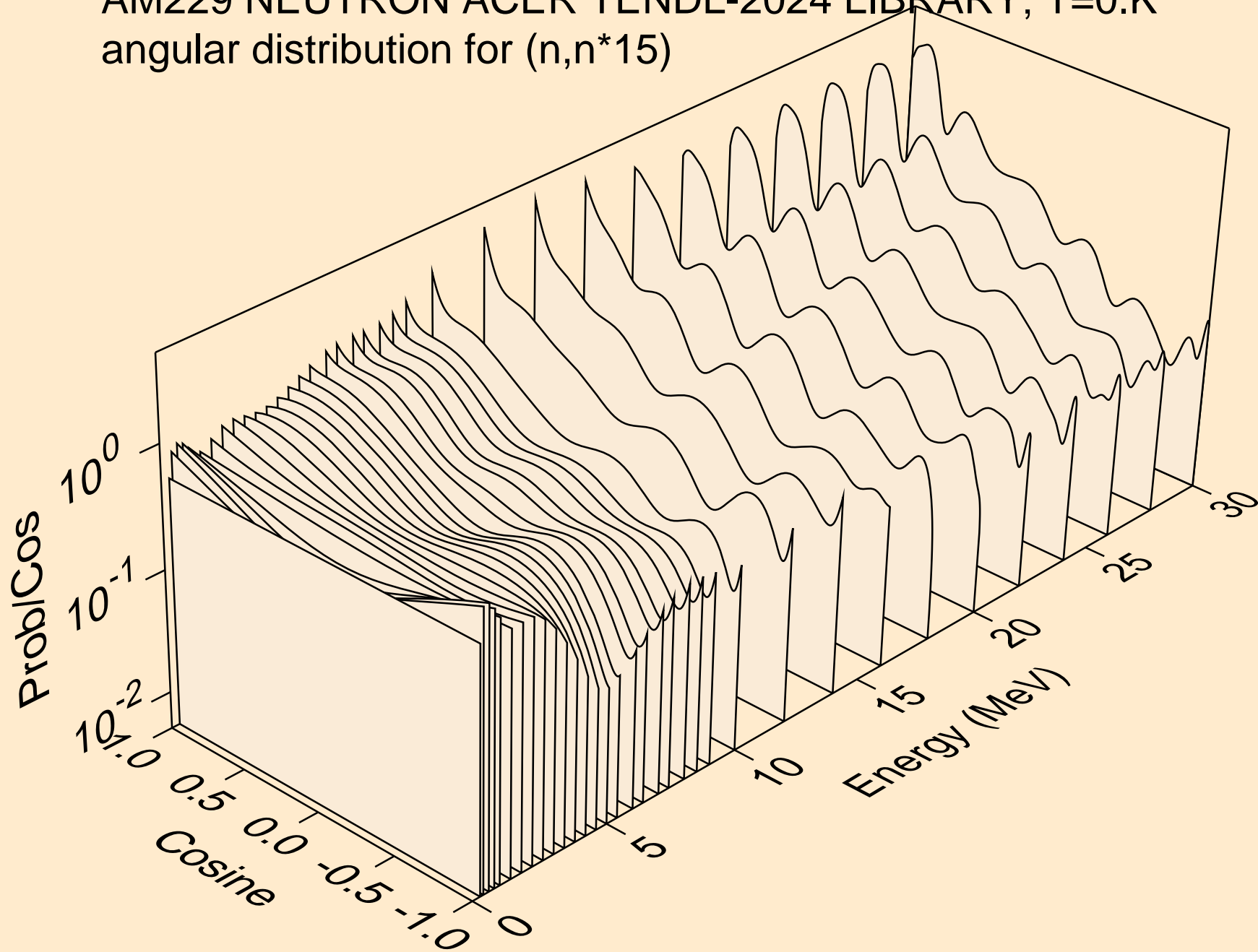


AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



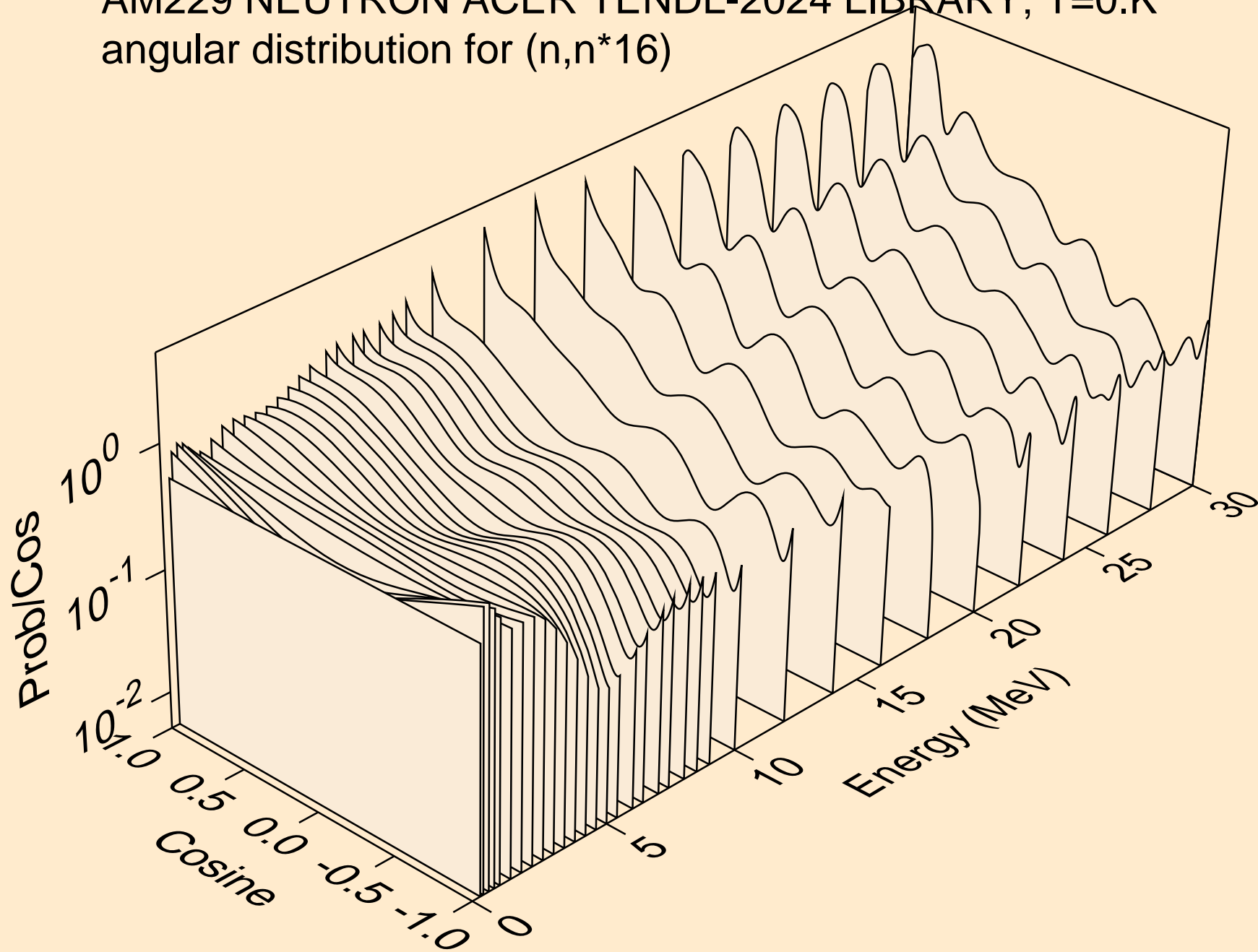


AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)

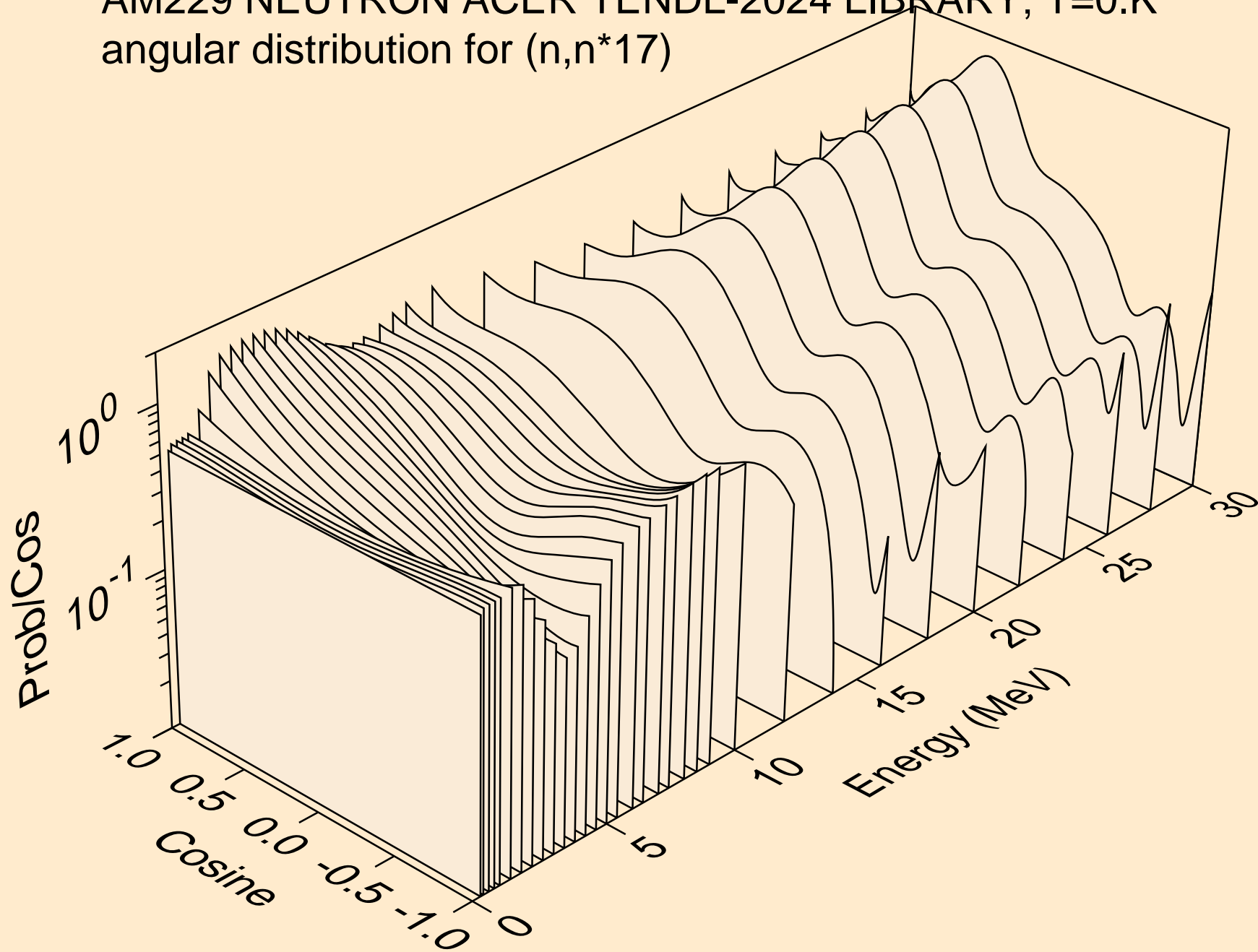




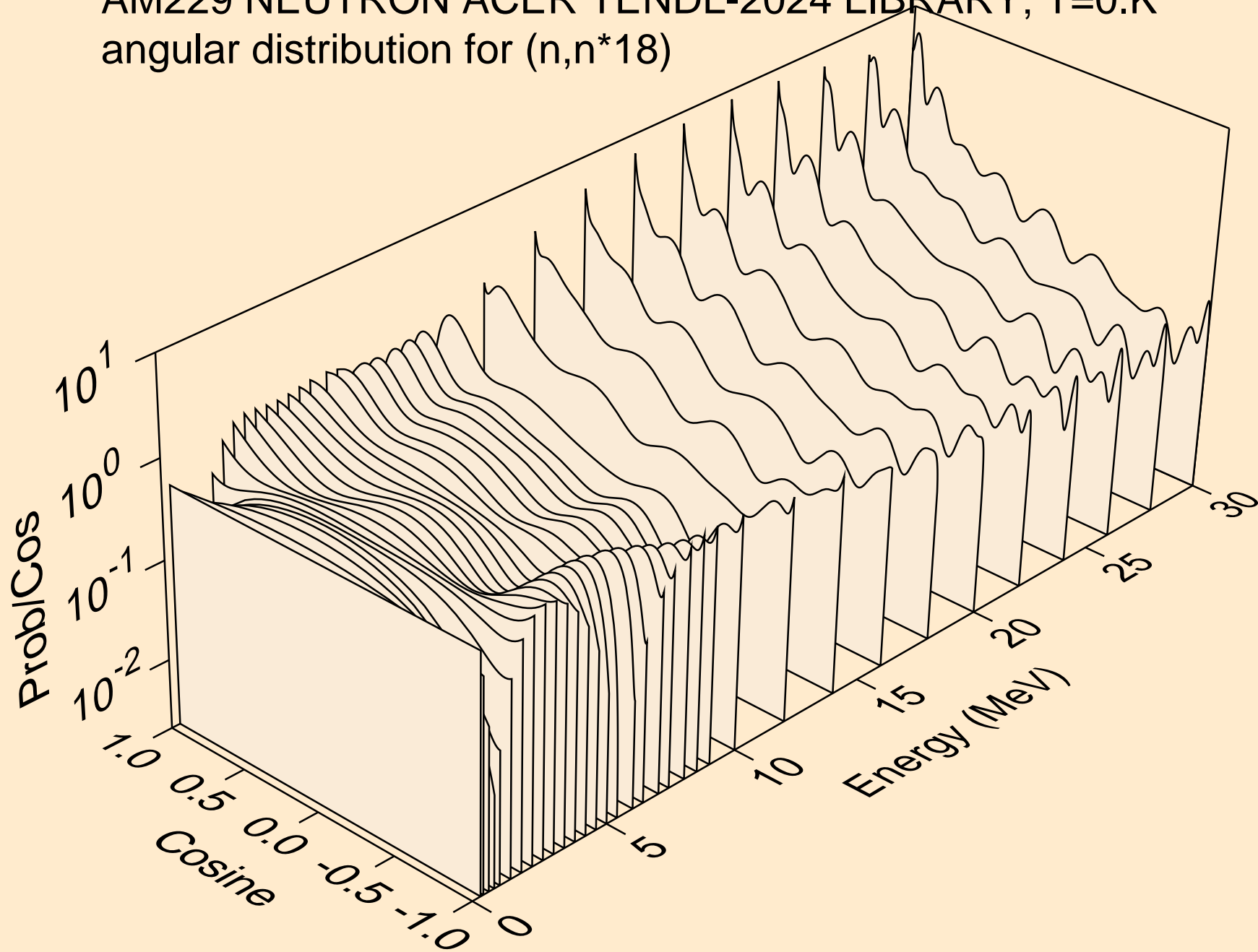
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angular distribution for (n,n\*16)



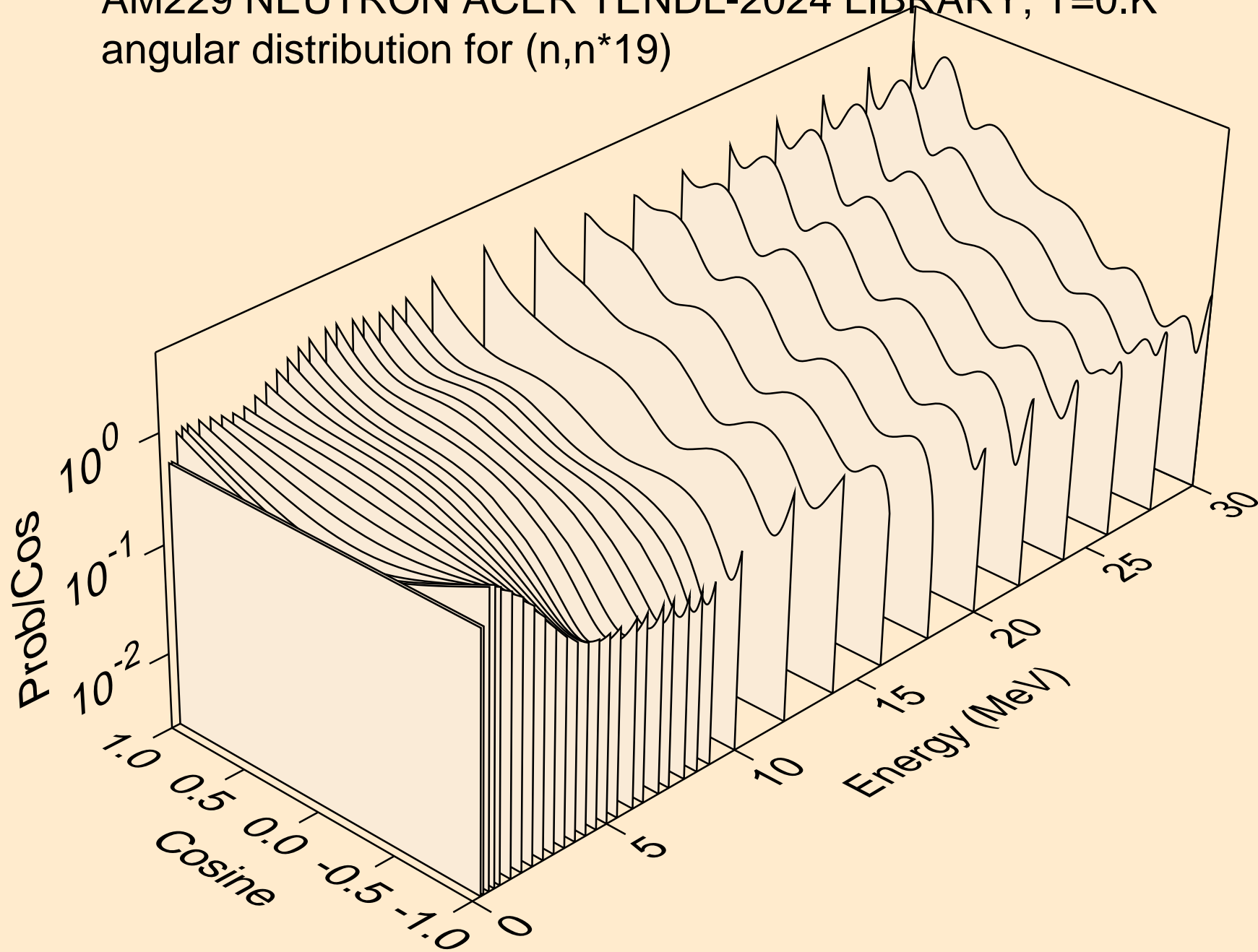
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angular distribution for (n,n\*17)



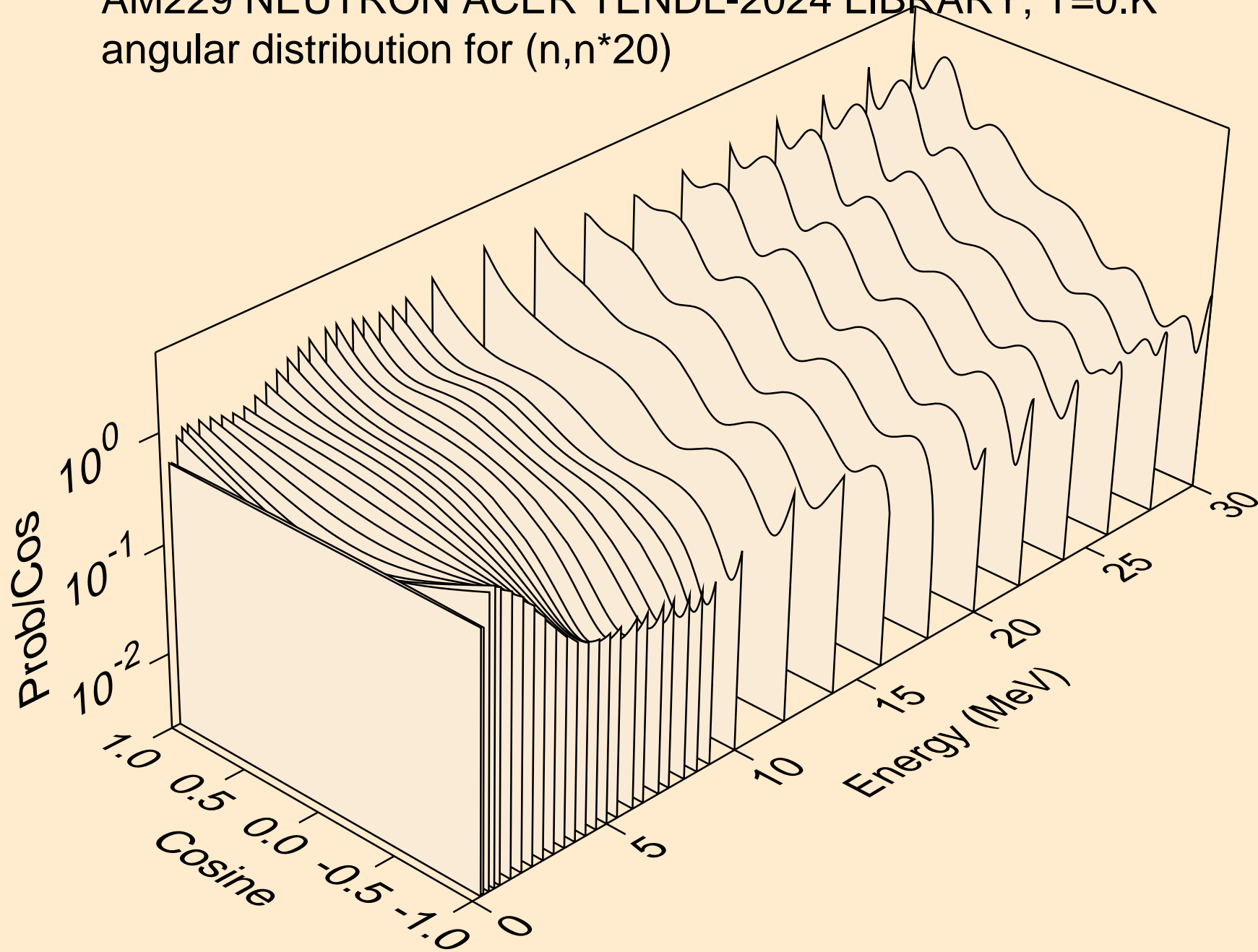
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angular distribution for (n,n\*18)



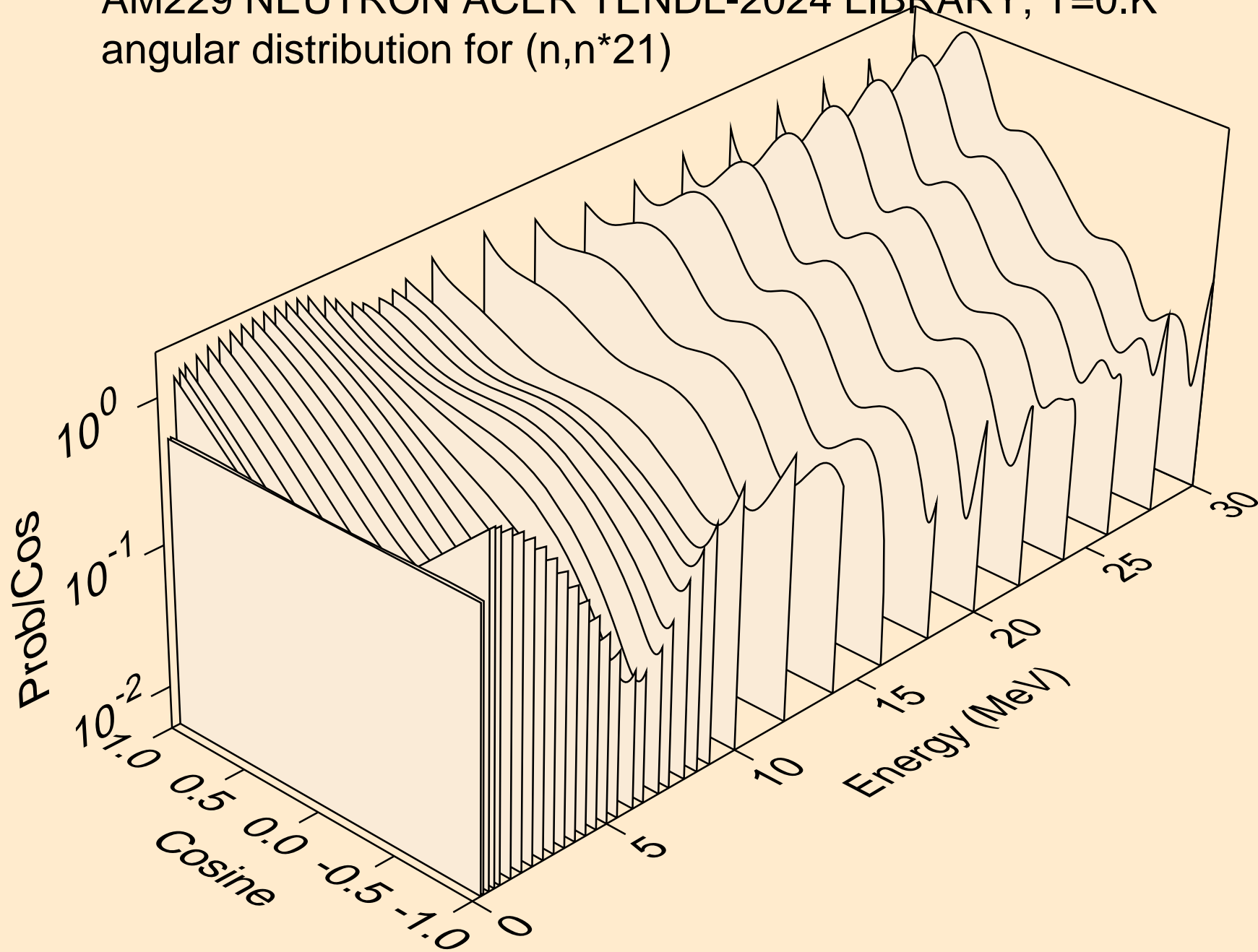
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angular distribution for (n,n\*19)



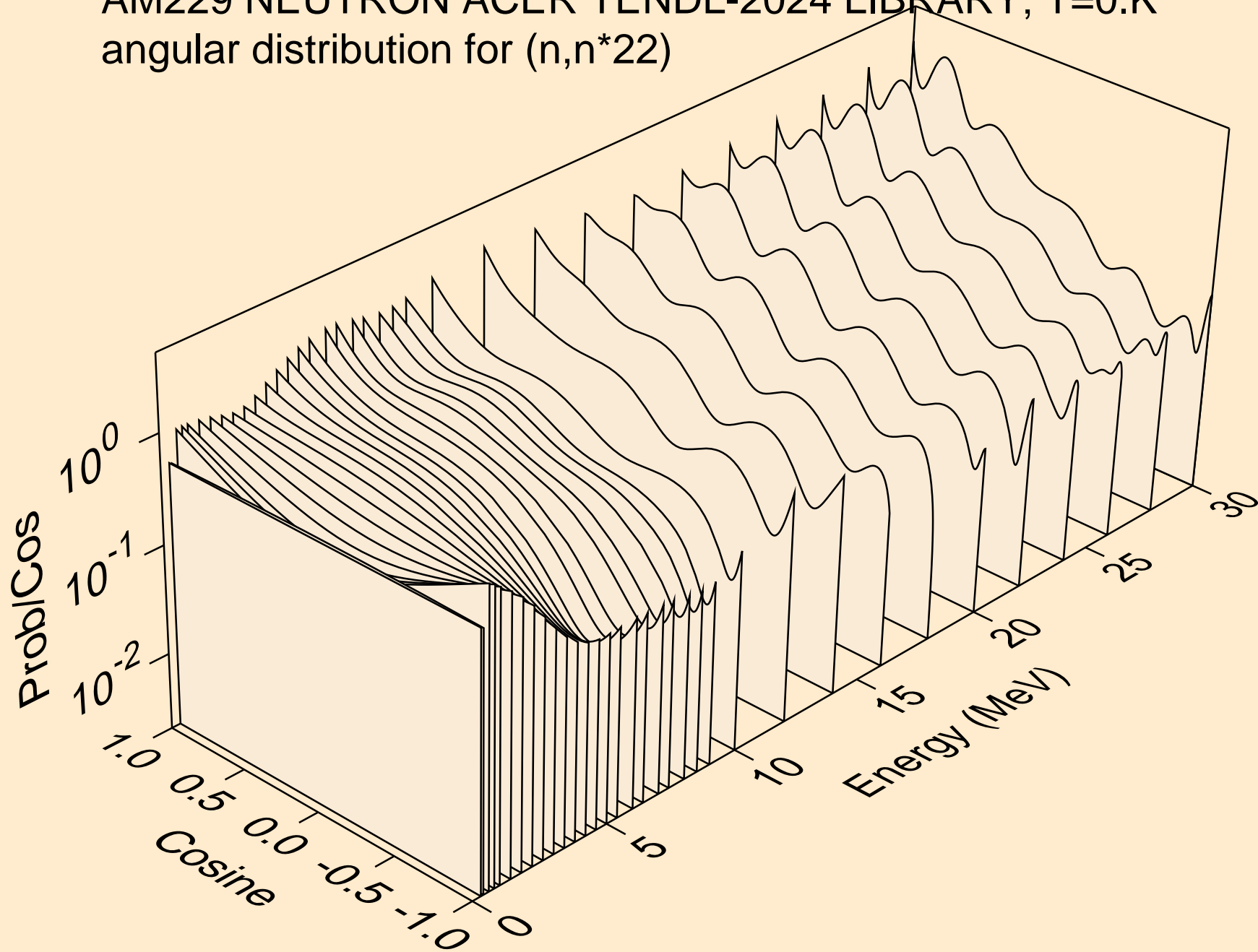
AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*21)

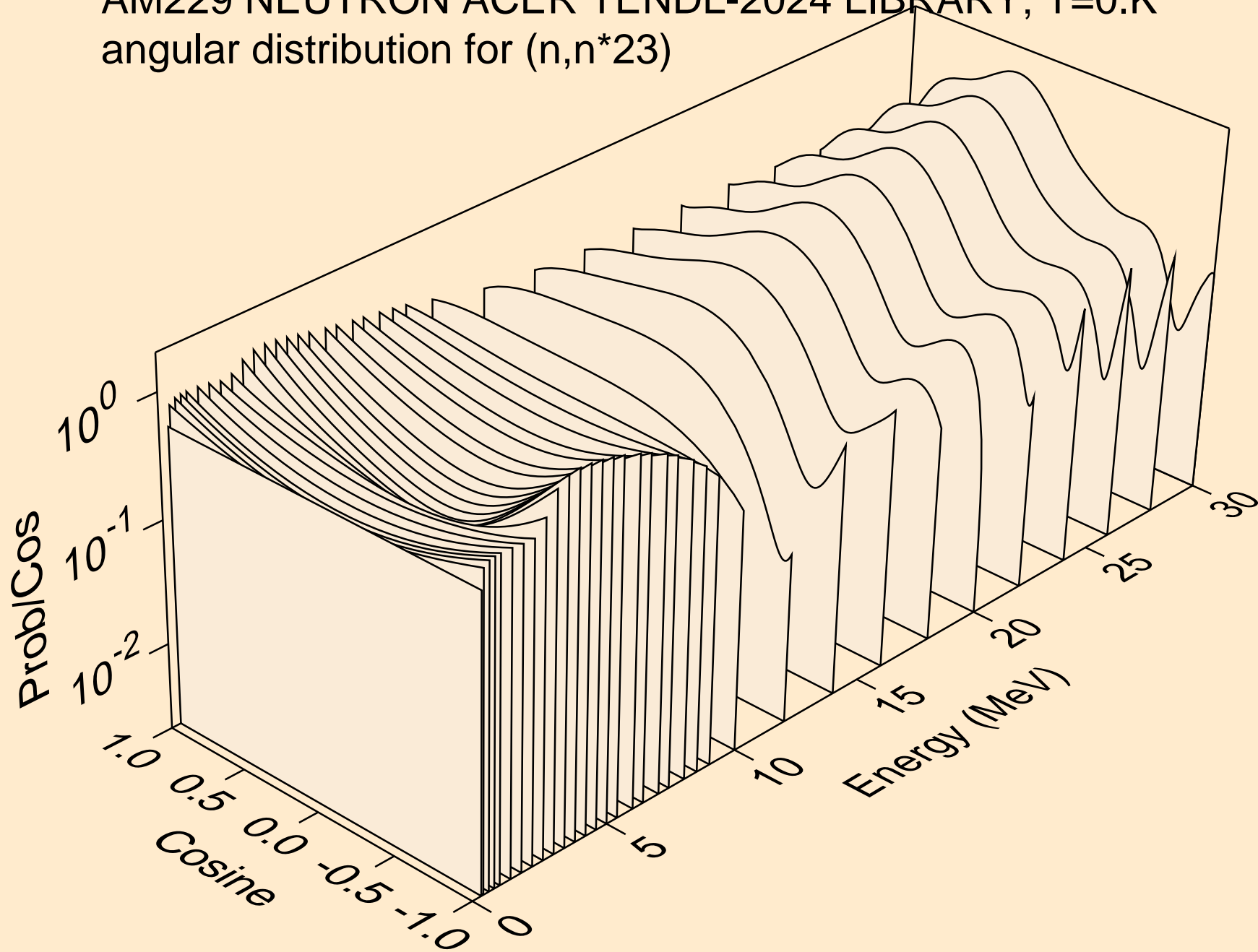


AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*22)



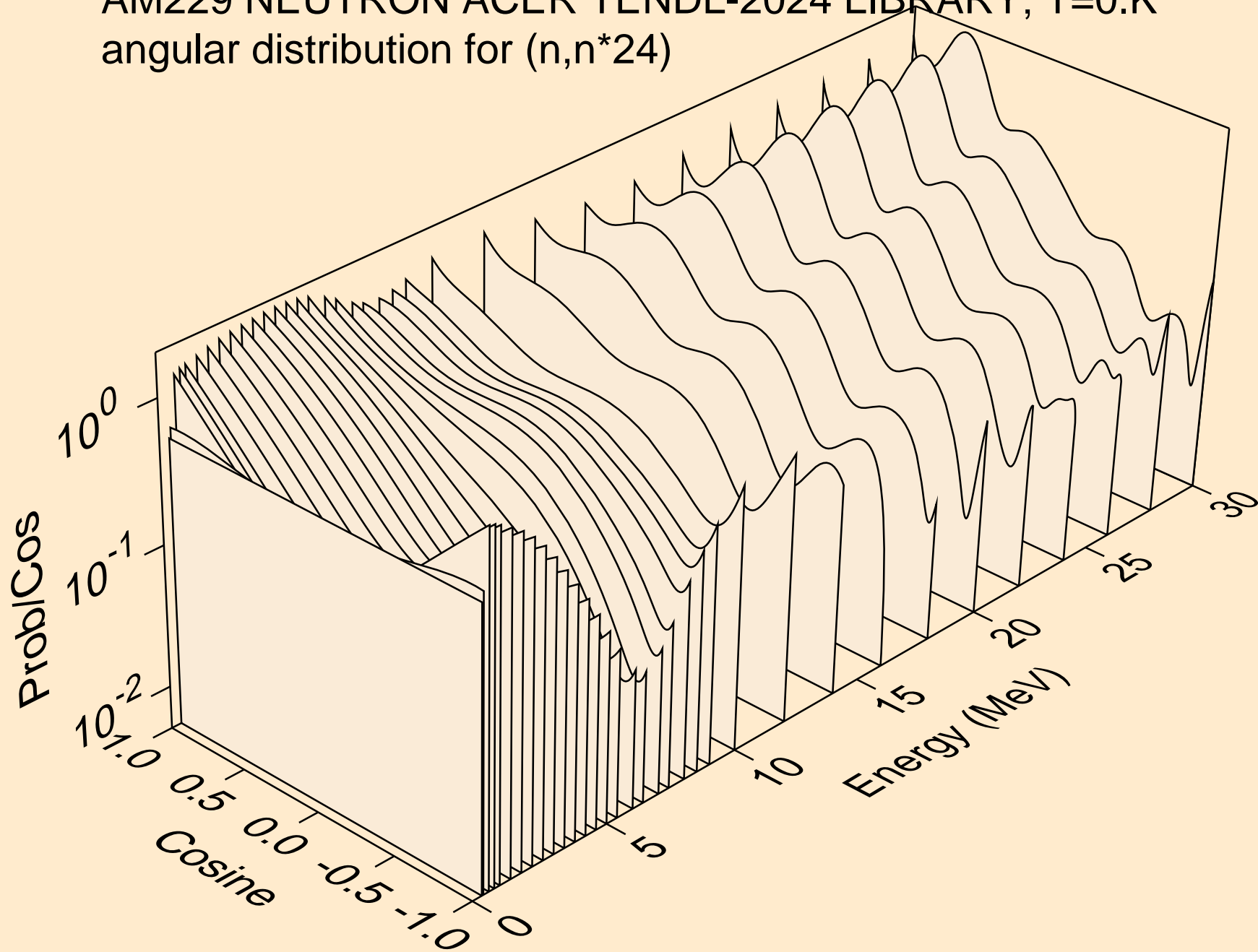


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angular distribution for (n,n\*23)

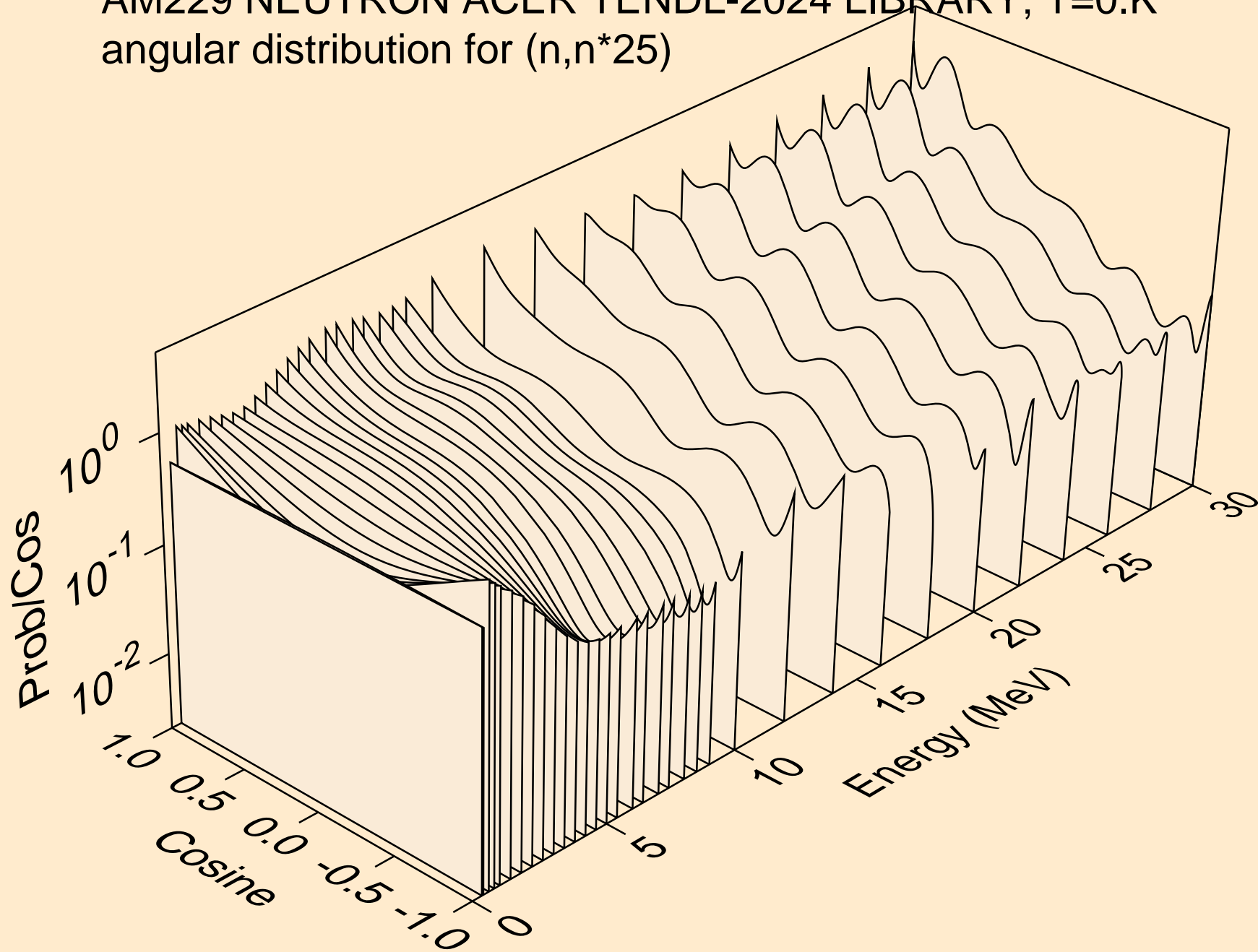




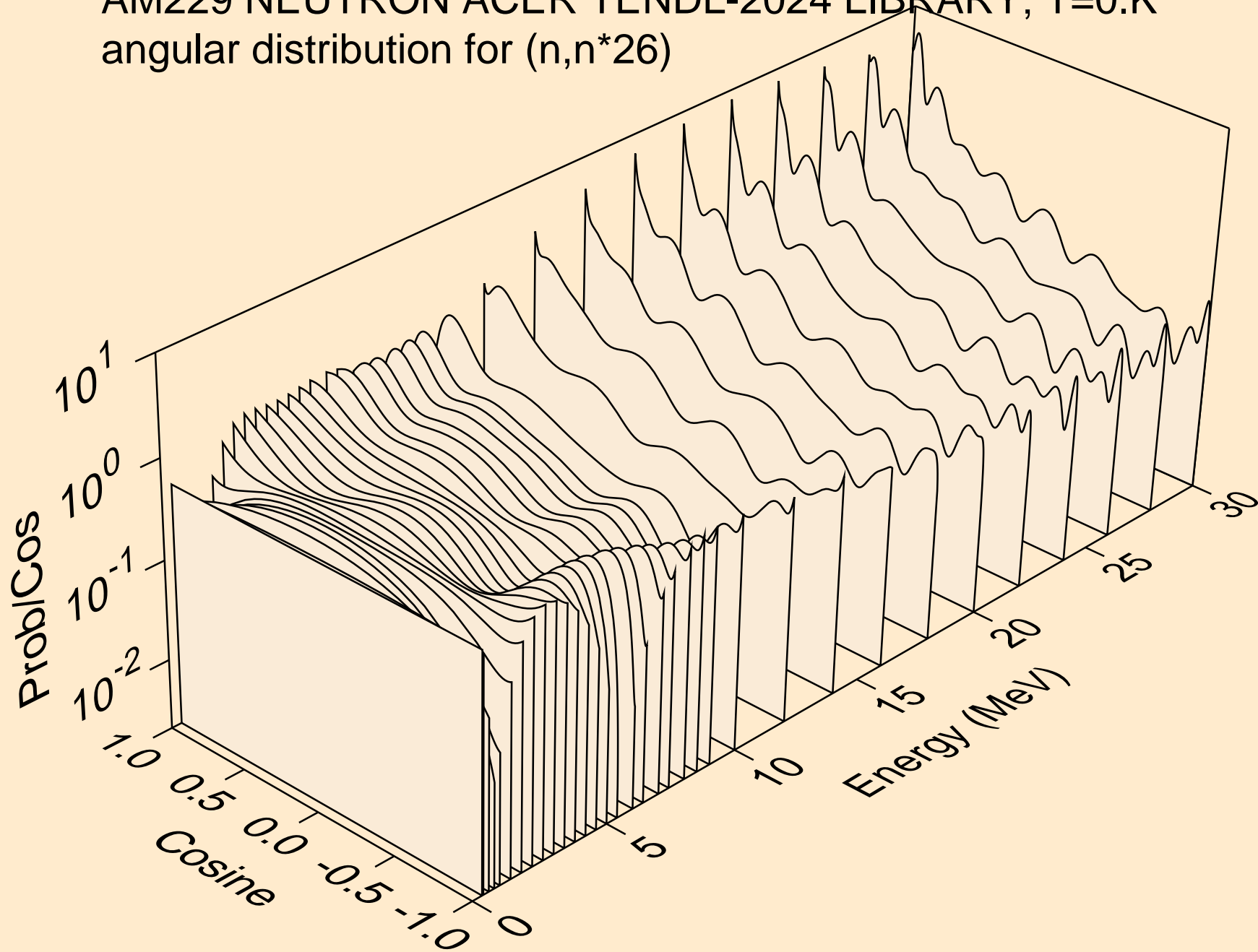
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angular distribution for (n,n\*24)



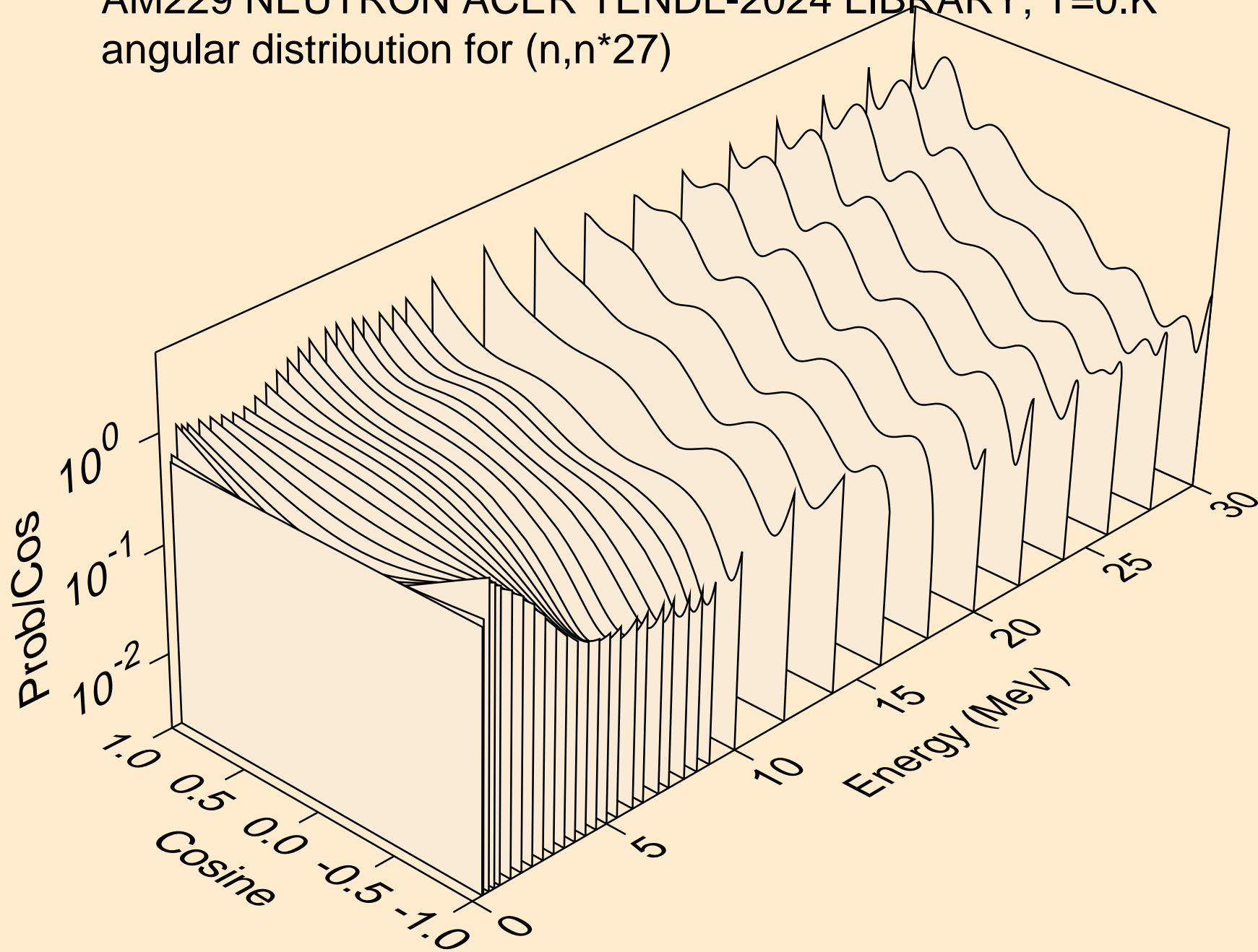
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angular distribution for (n,n\*25)



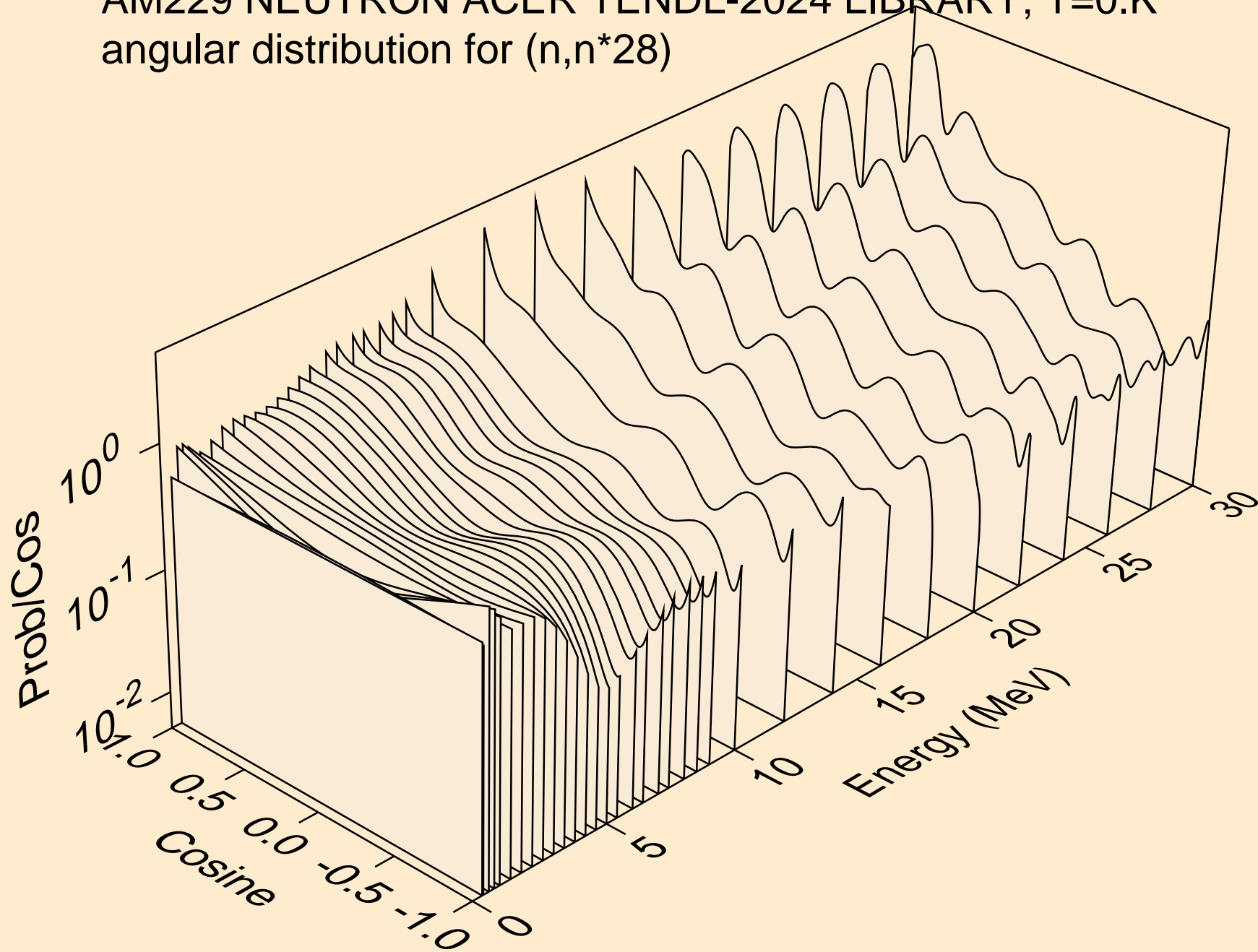
AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)



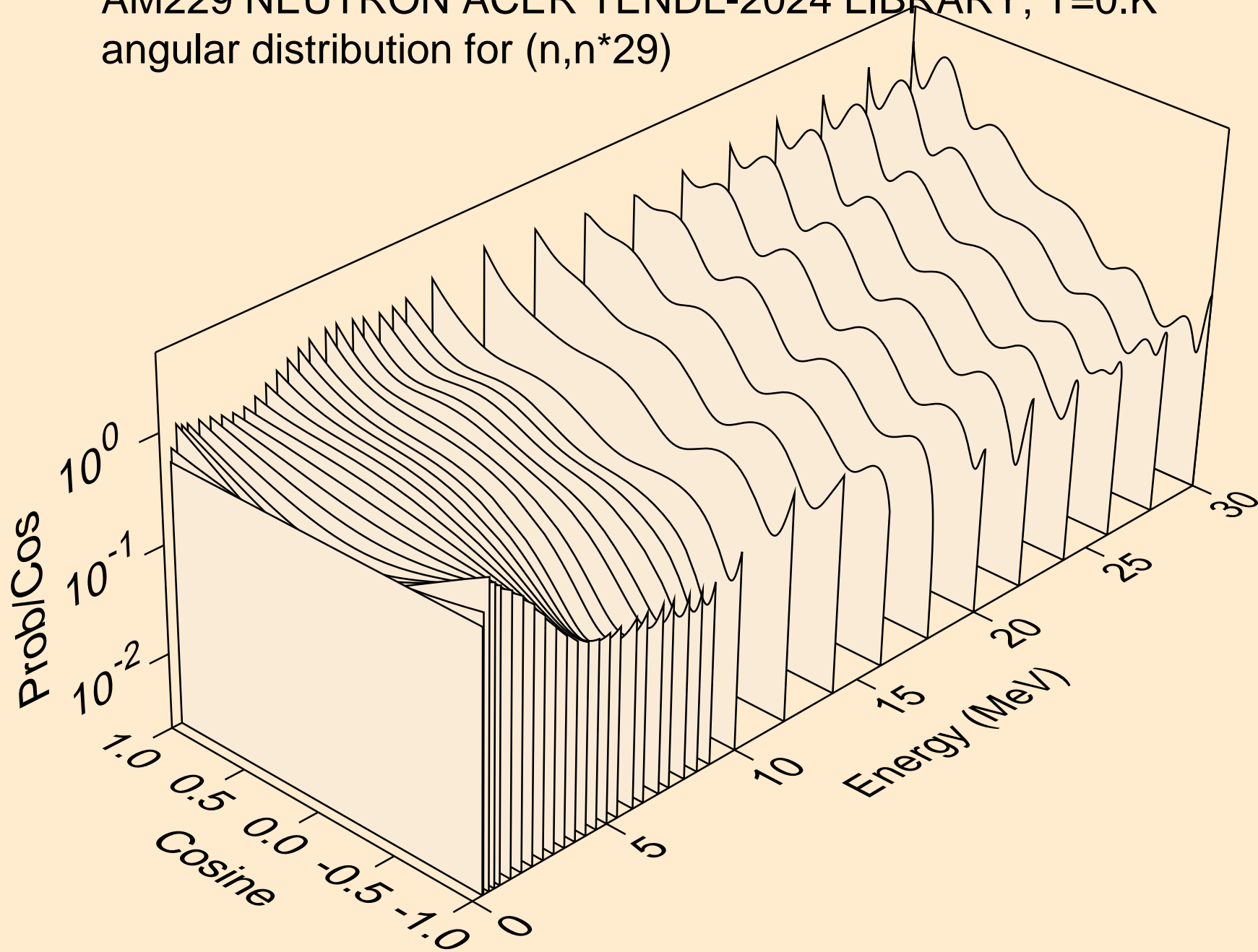
AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)



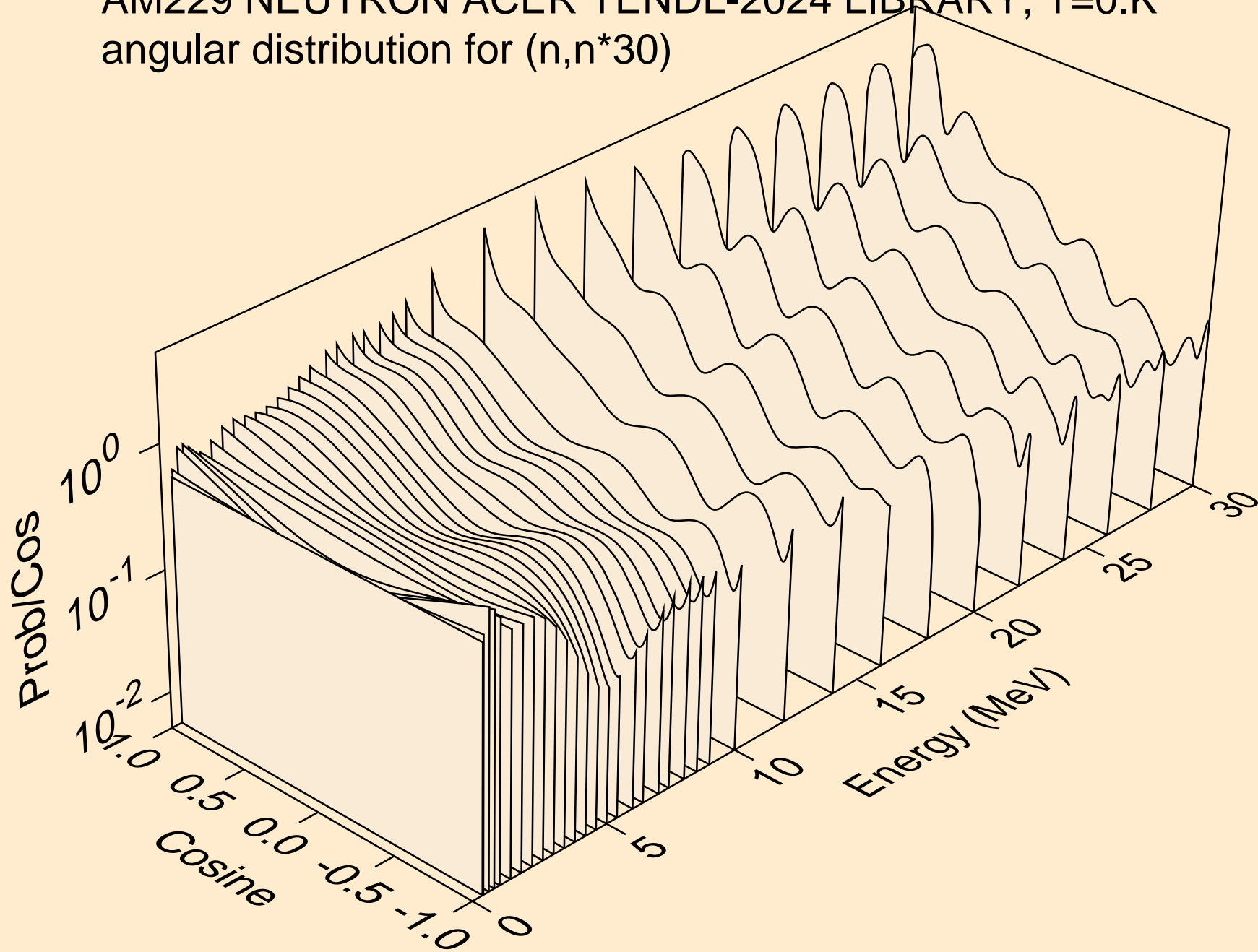
AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*28)



AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*29)

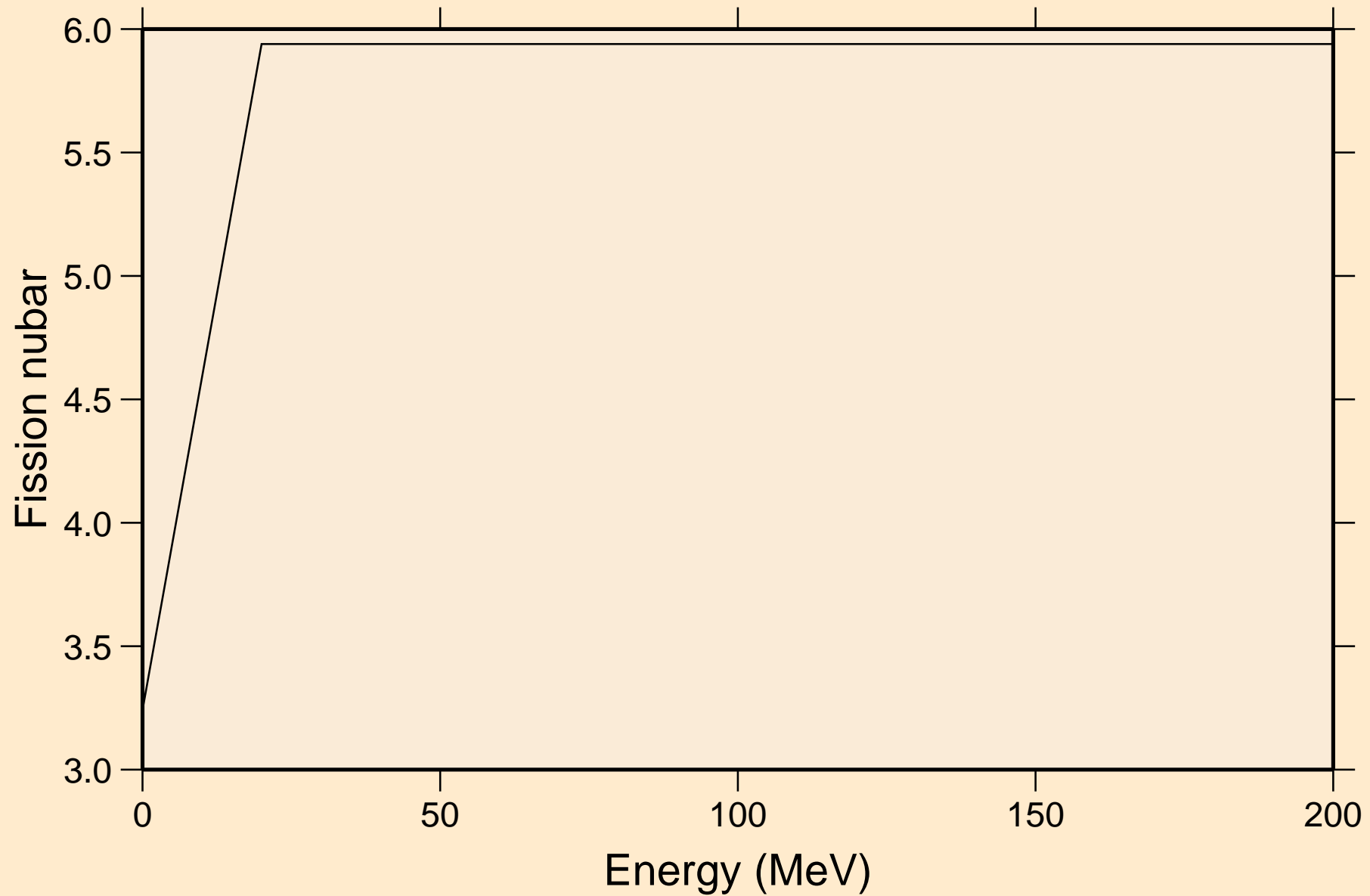


AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*30)



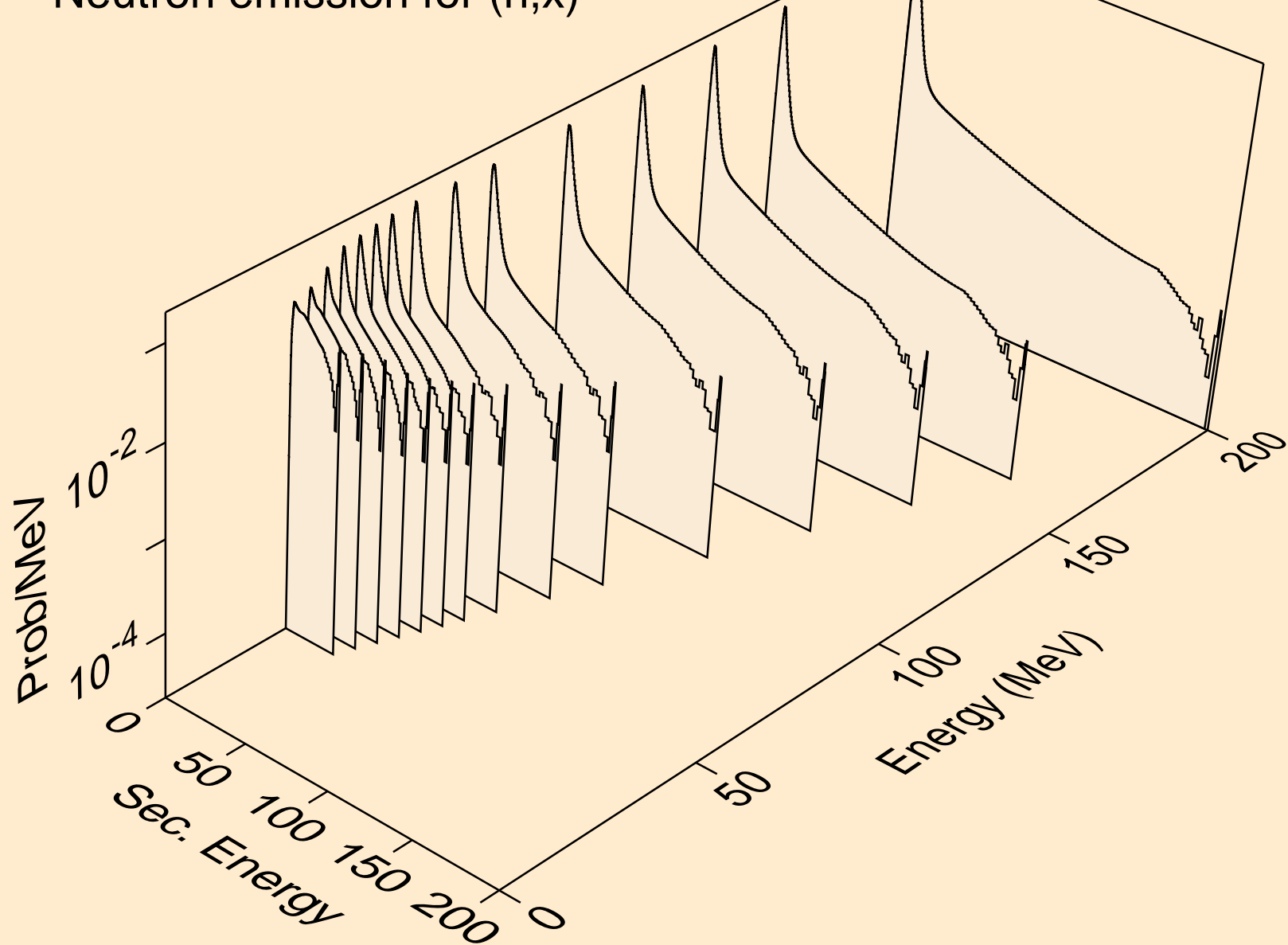
AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Total fission nubar

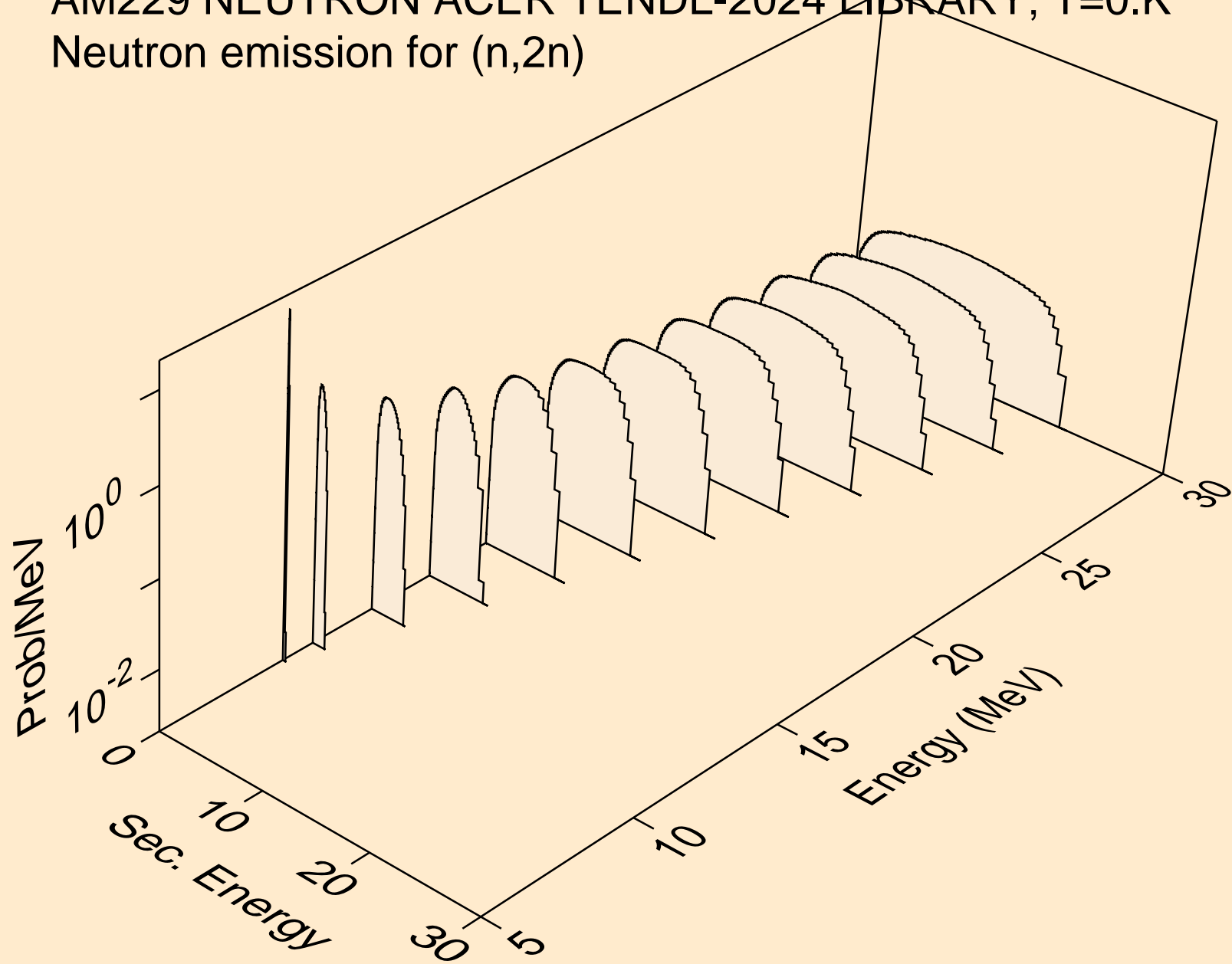




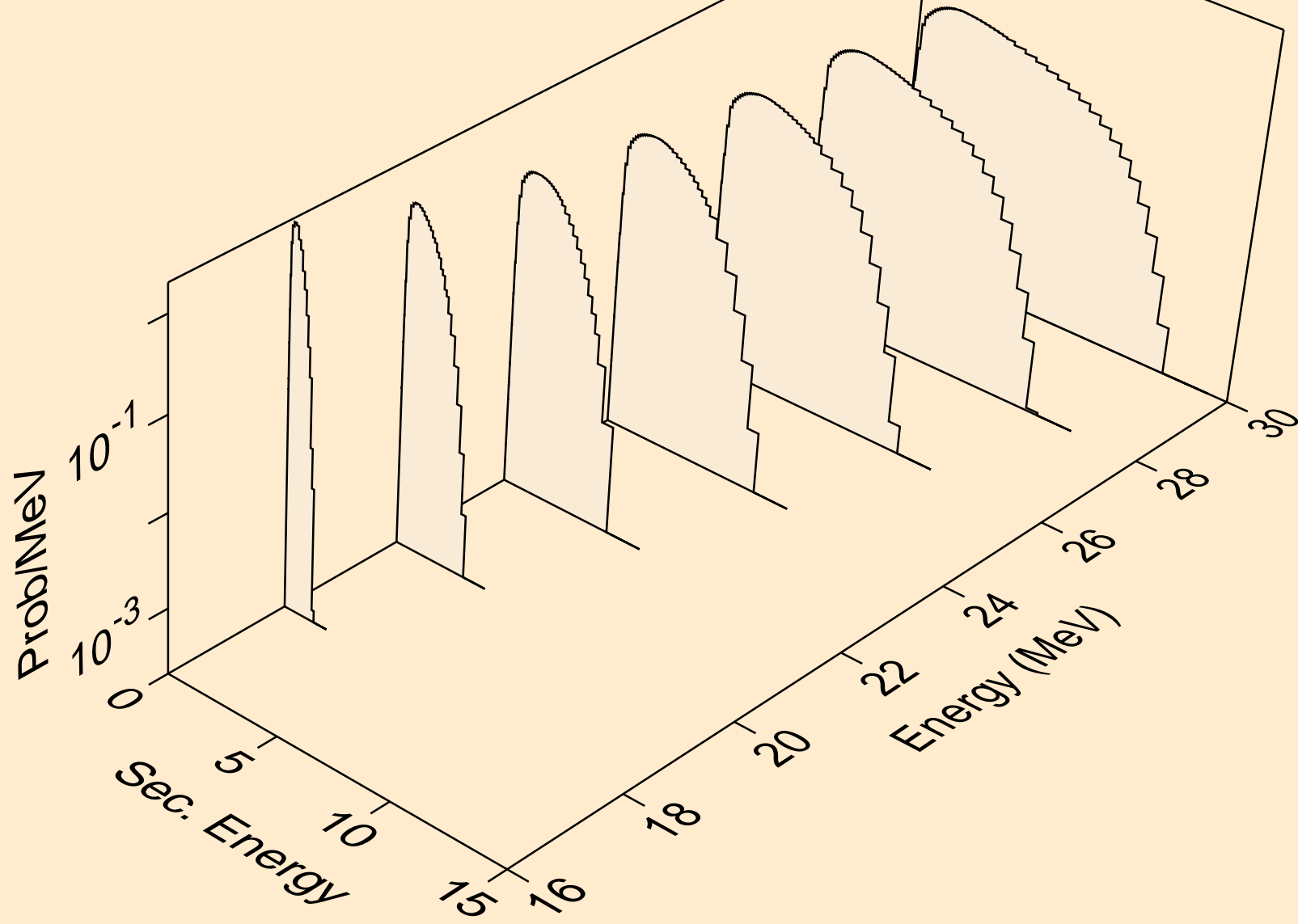
AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



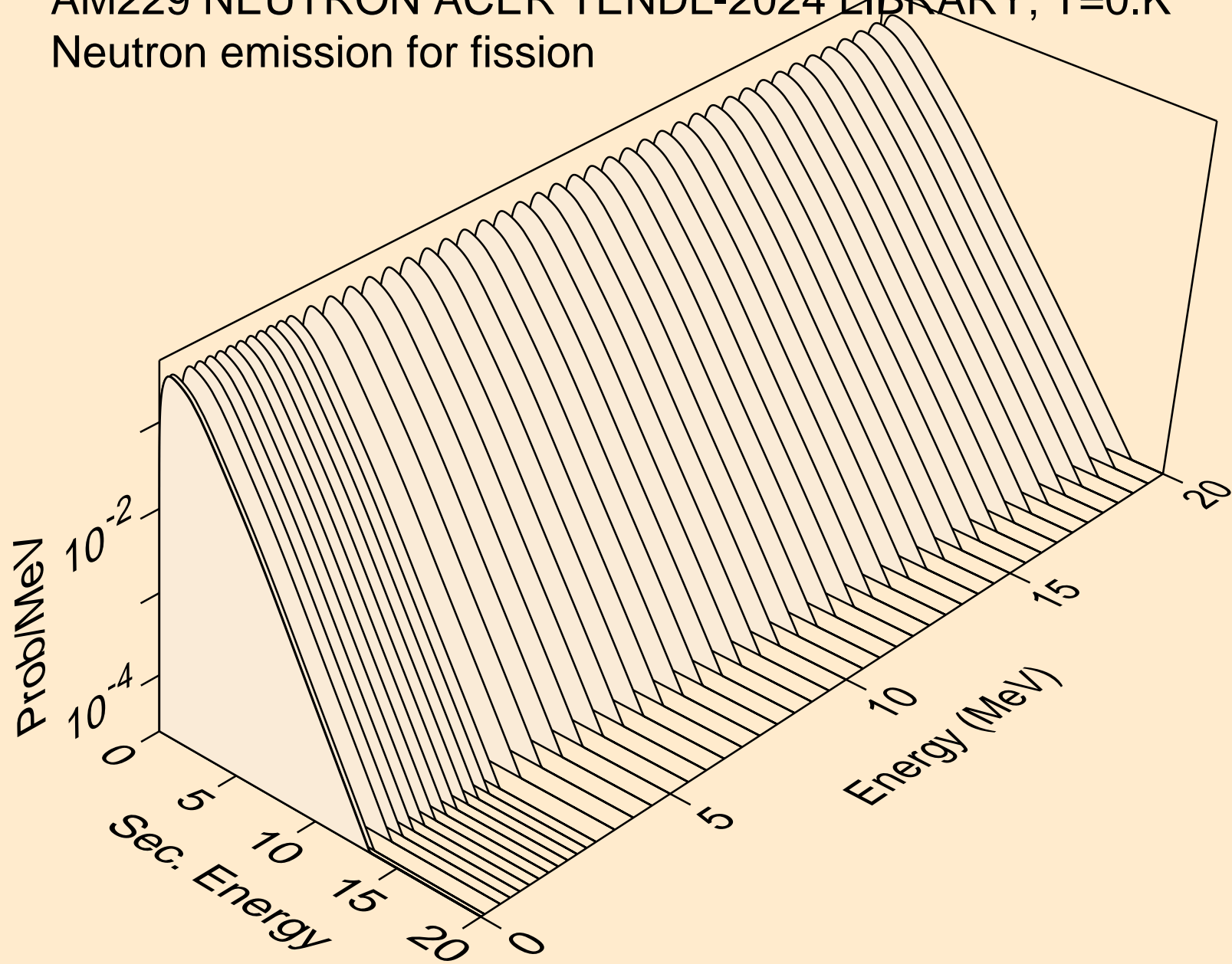
AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



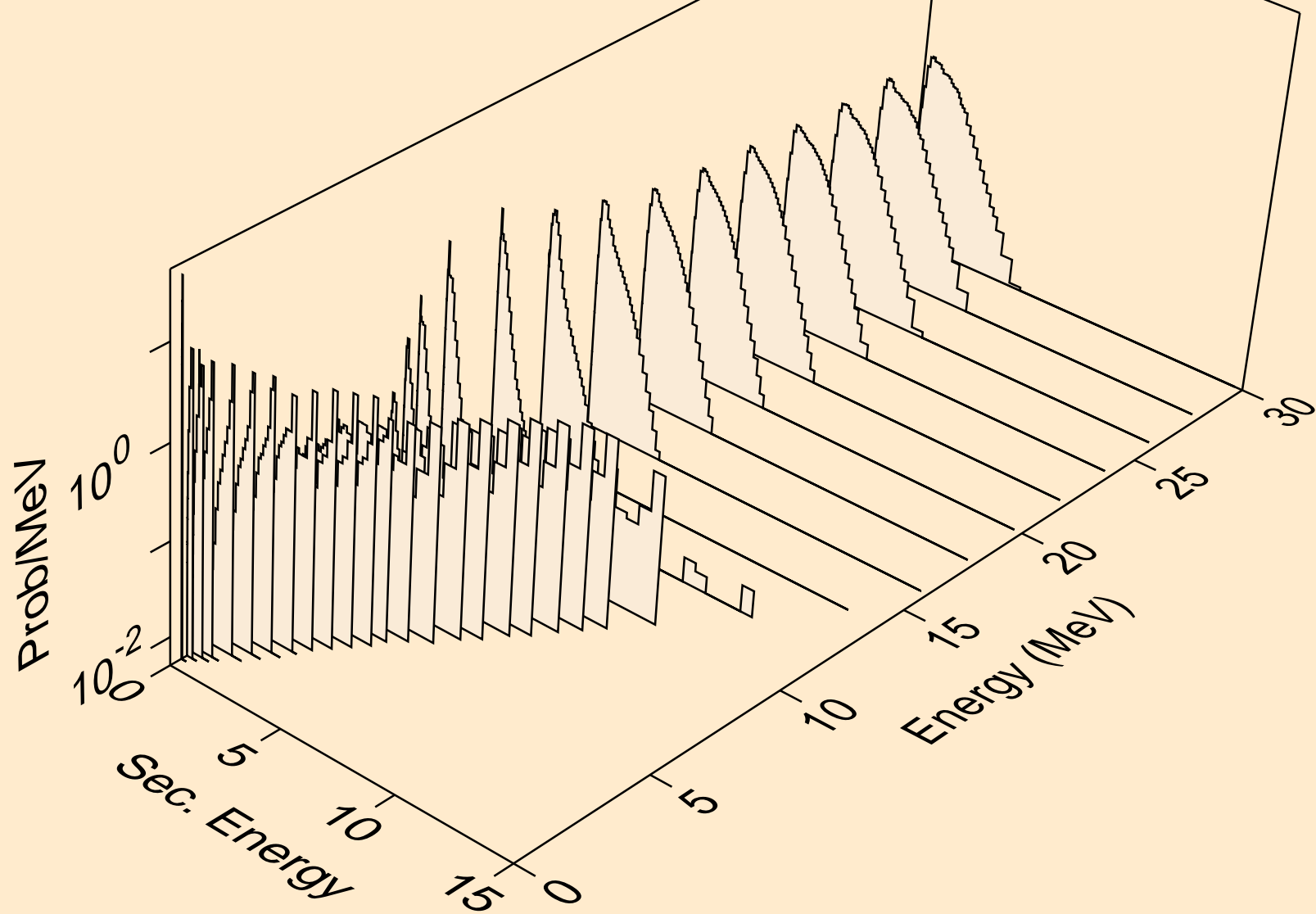
AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



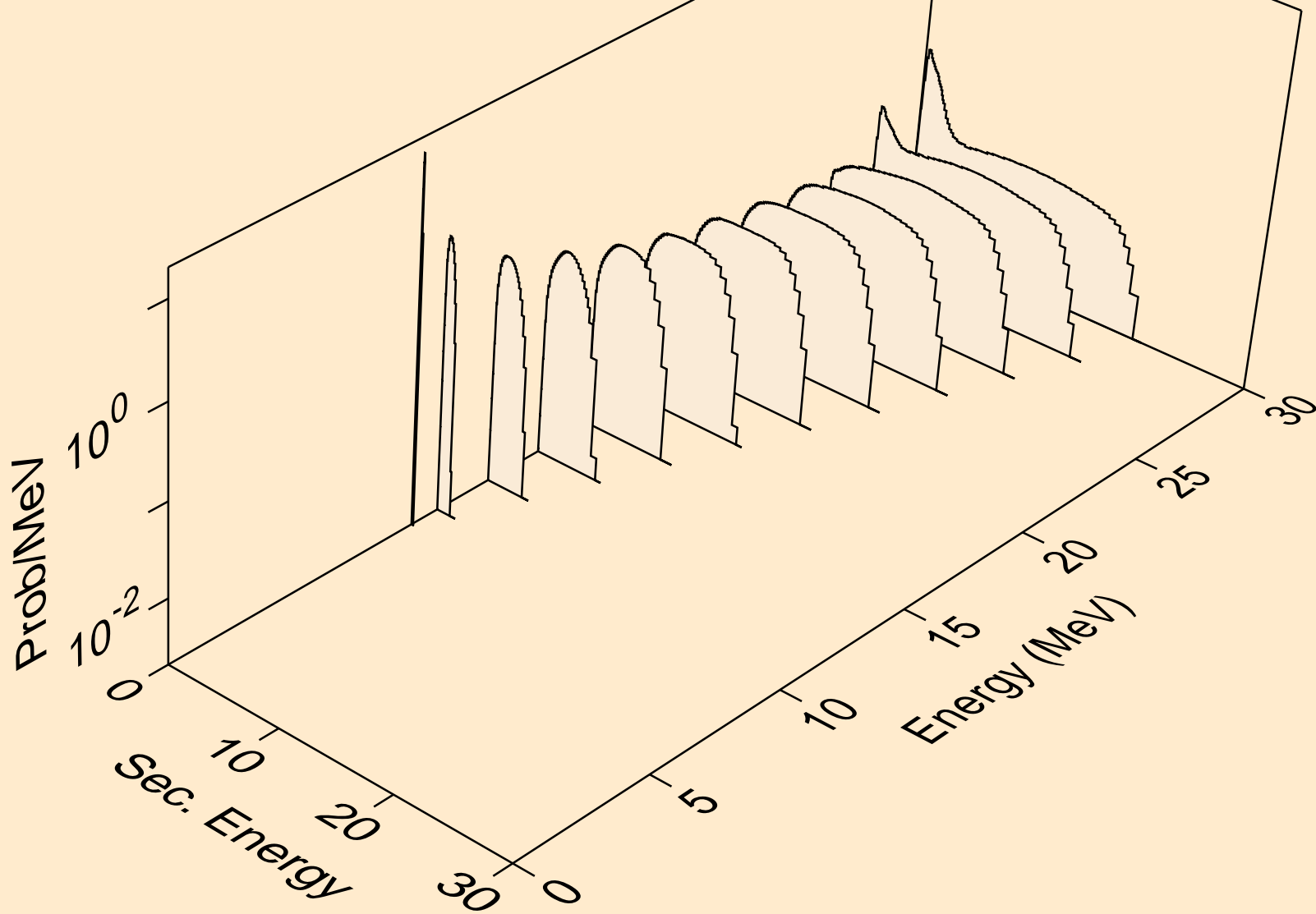
AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for fission



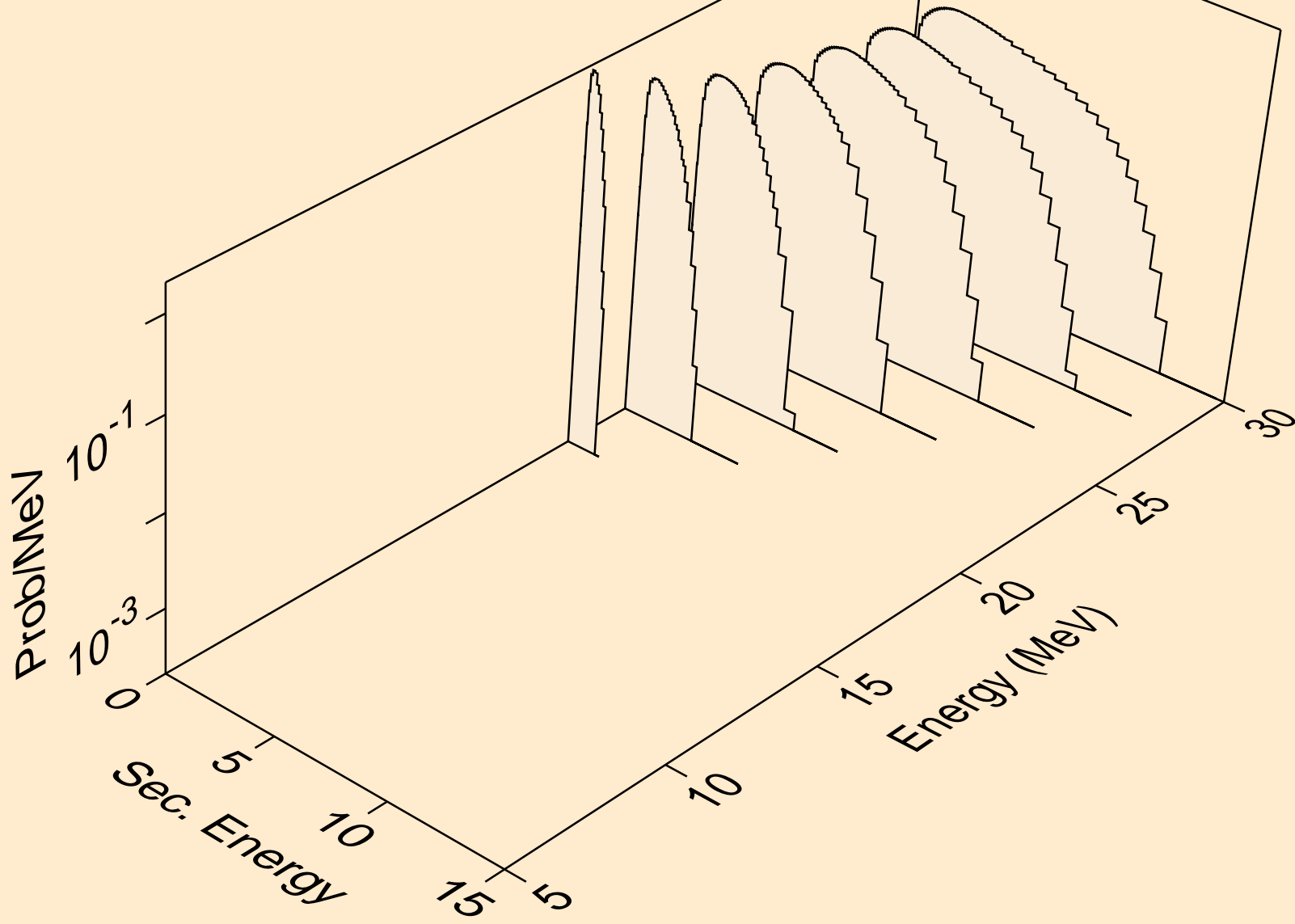
AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



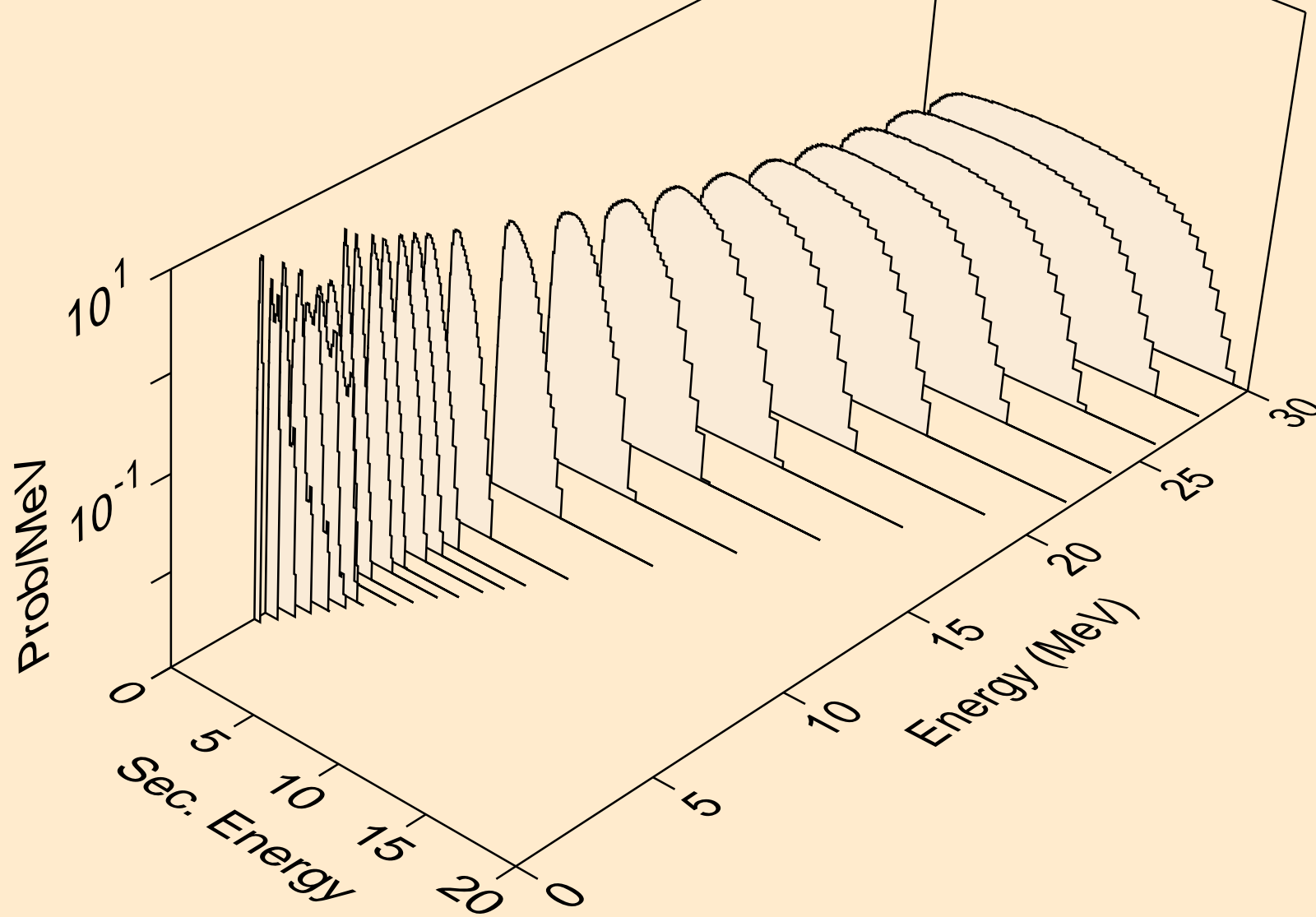
AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a

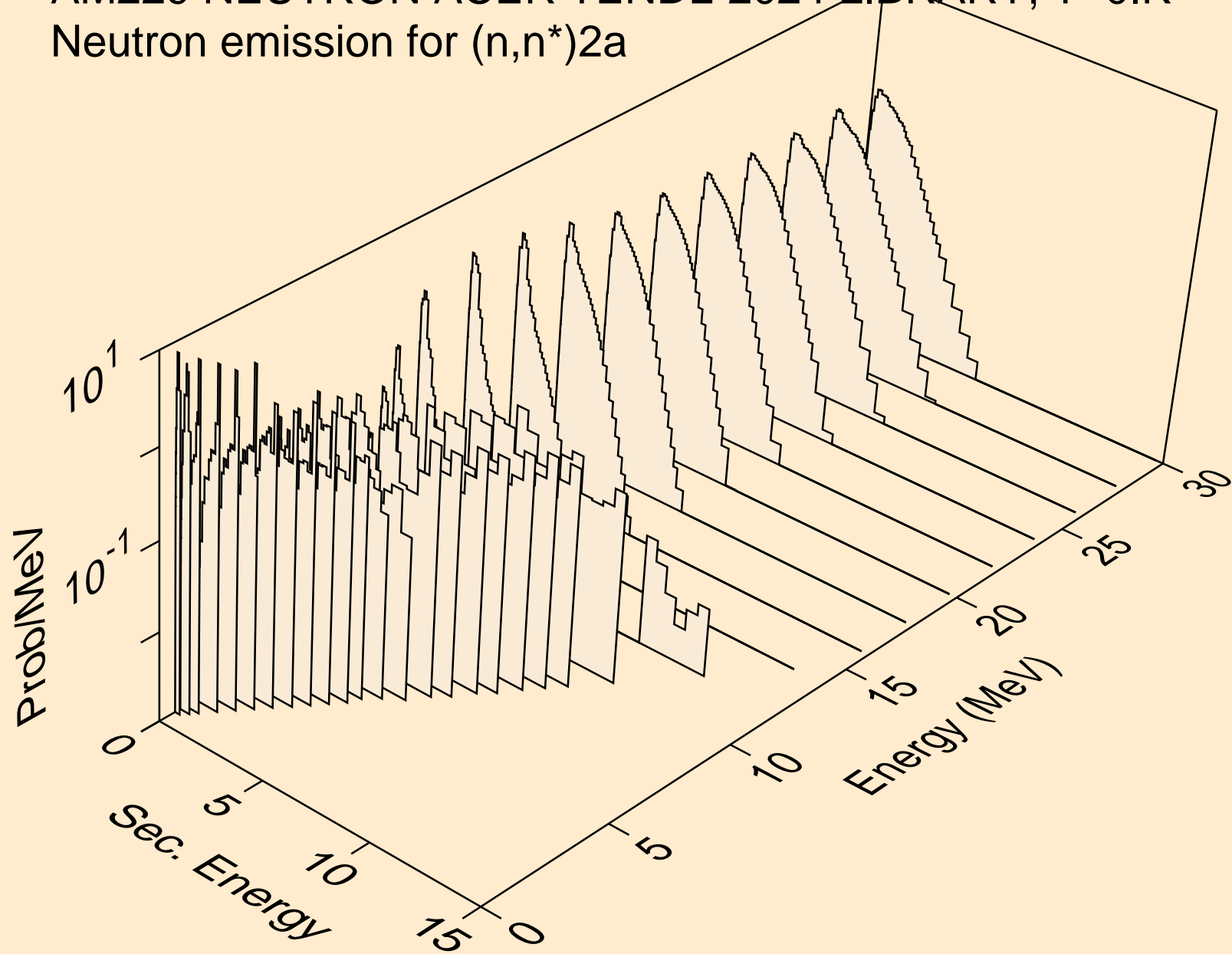


AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p

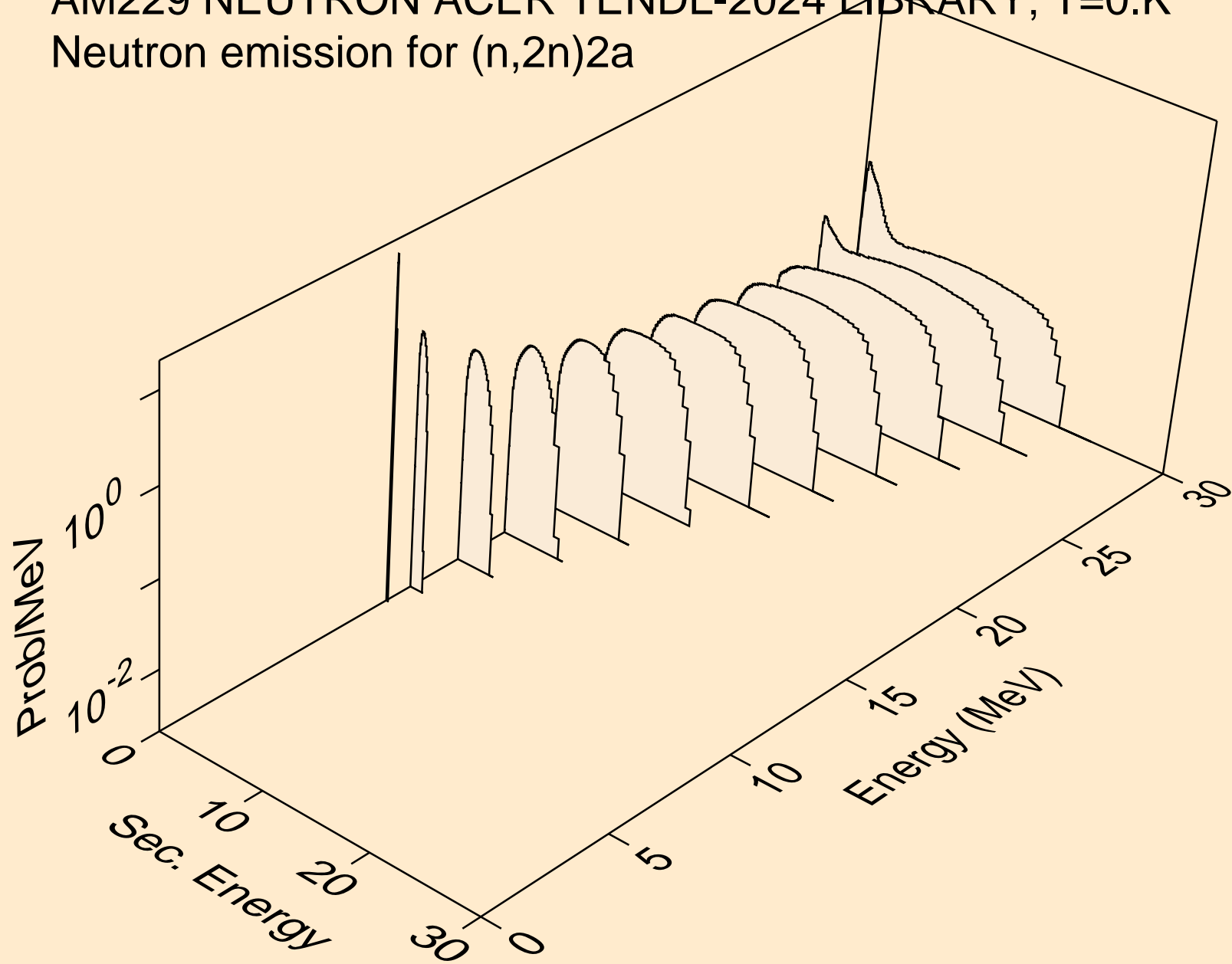




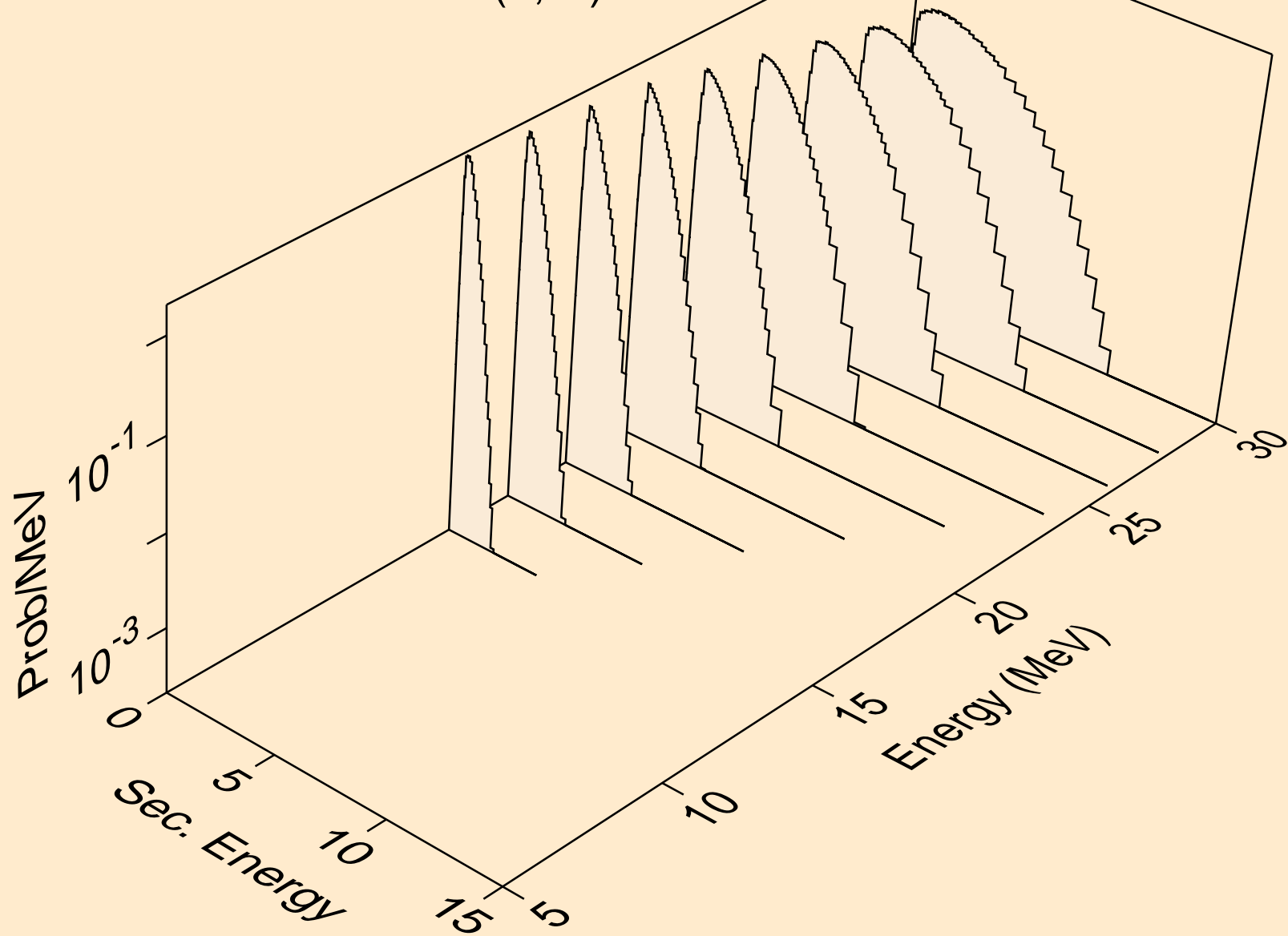
AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



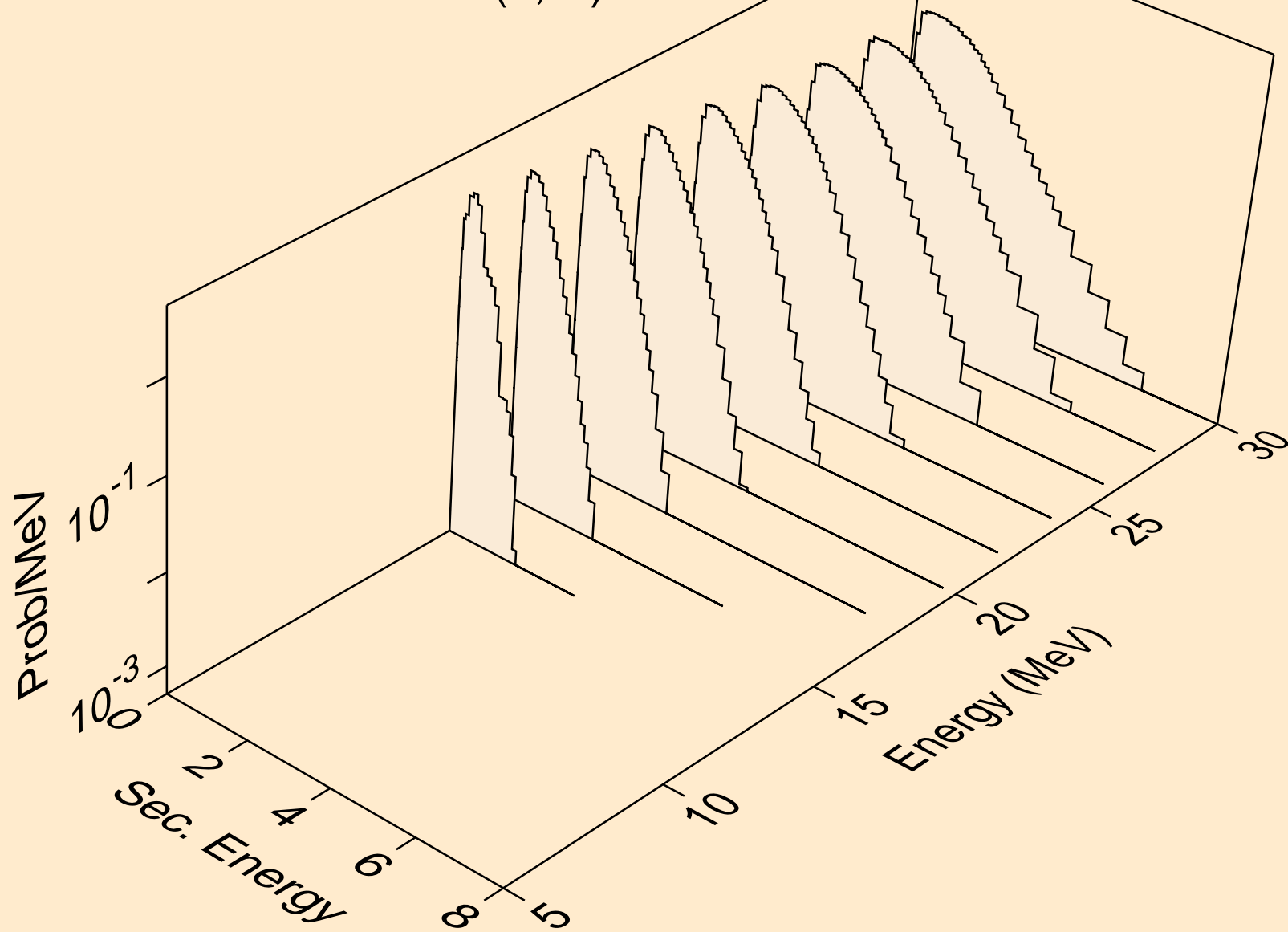
AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)2a



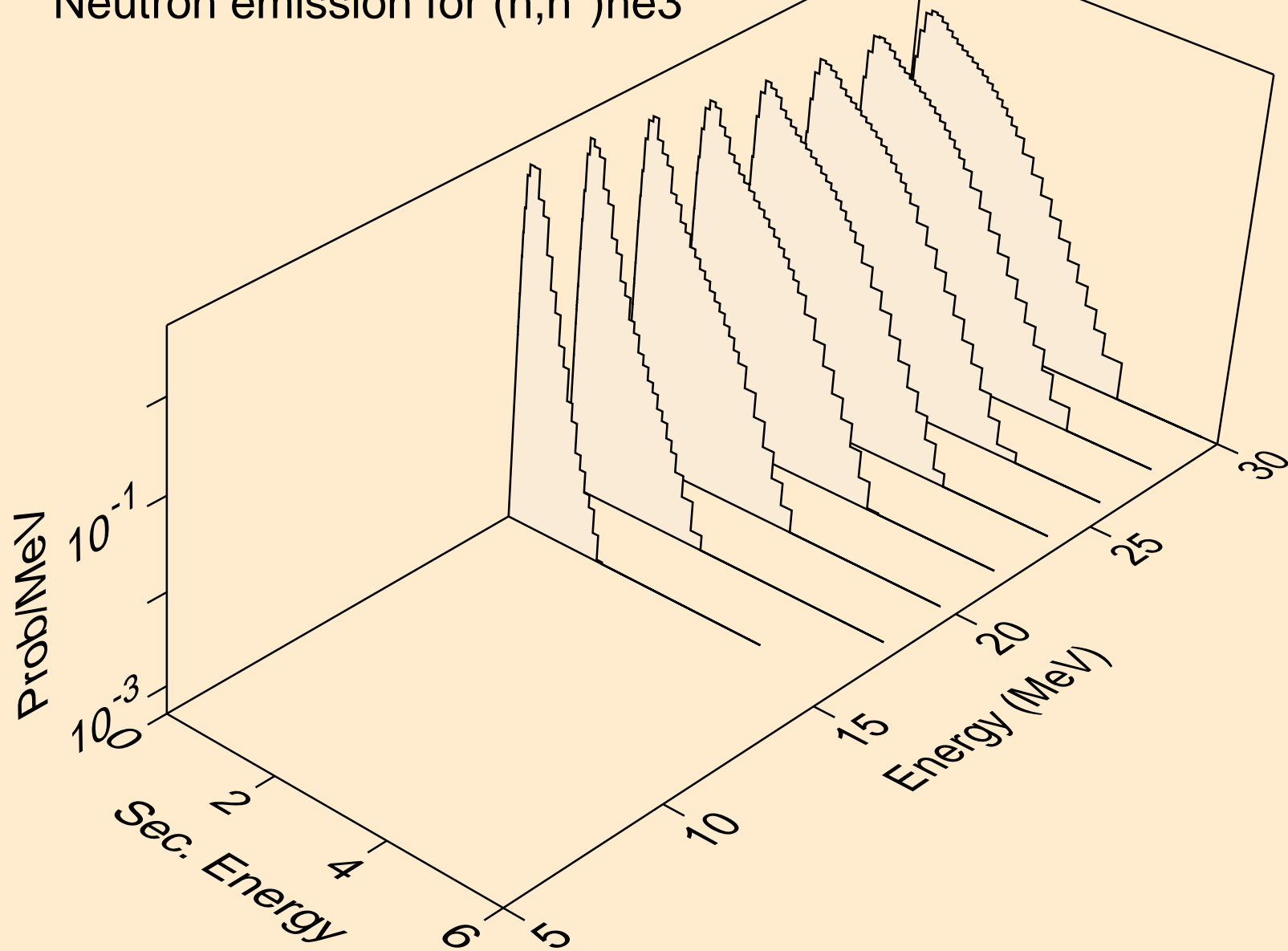
AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



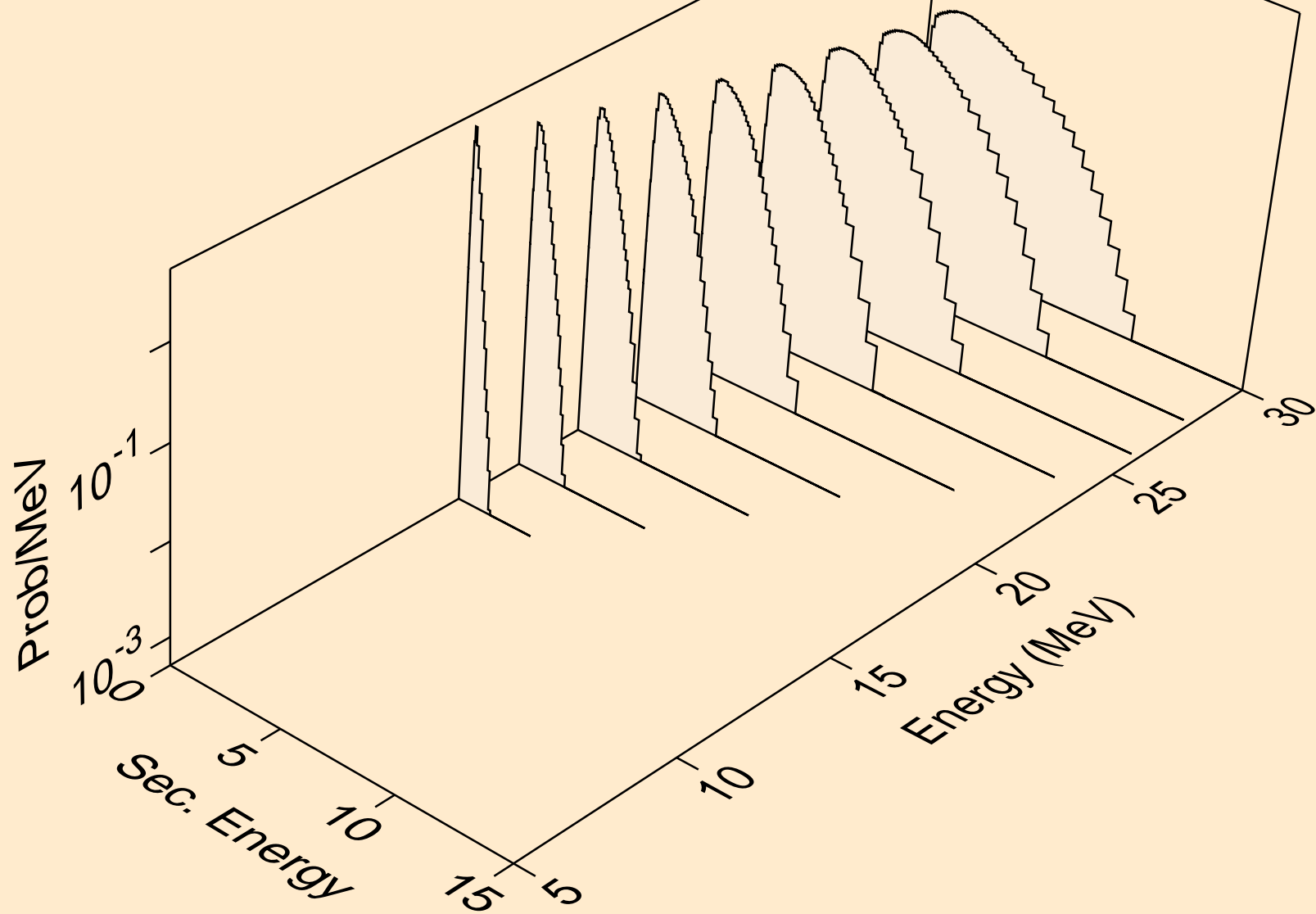
AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



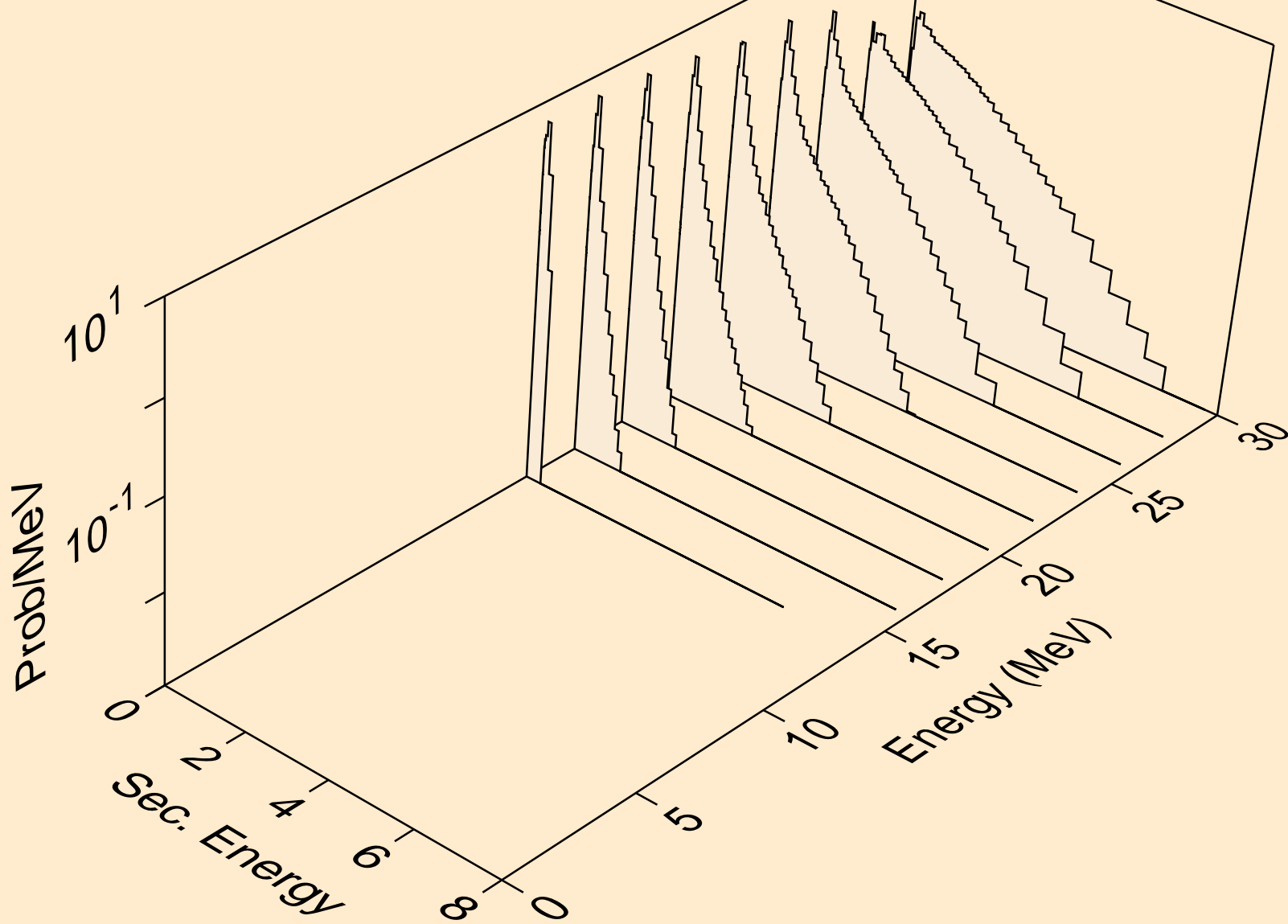
AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



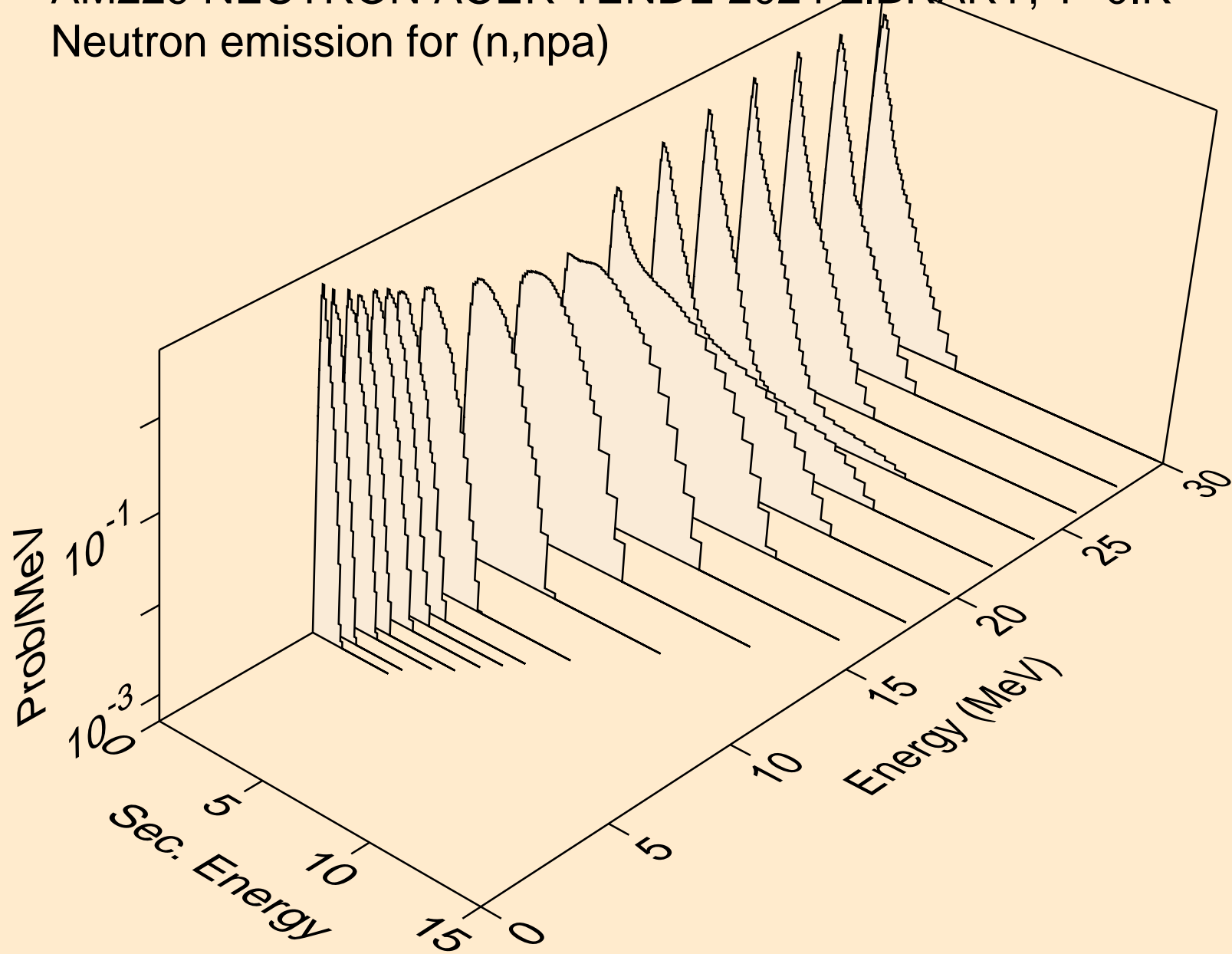
AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)

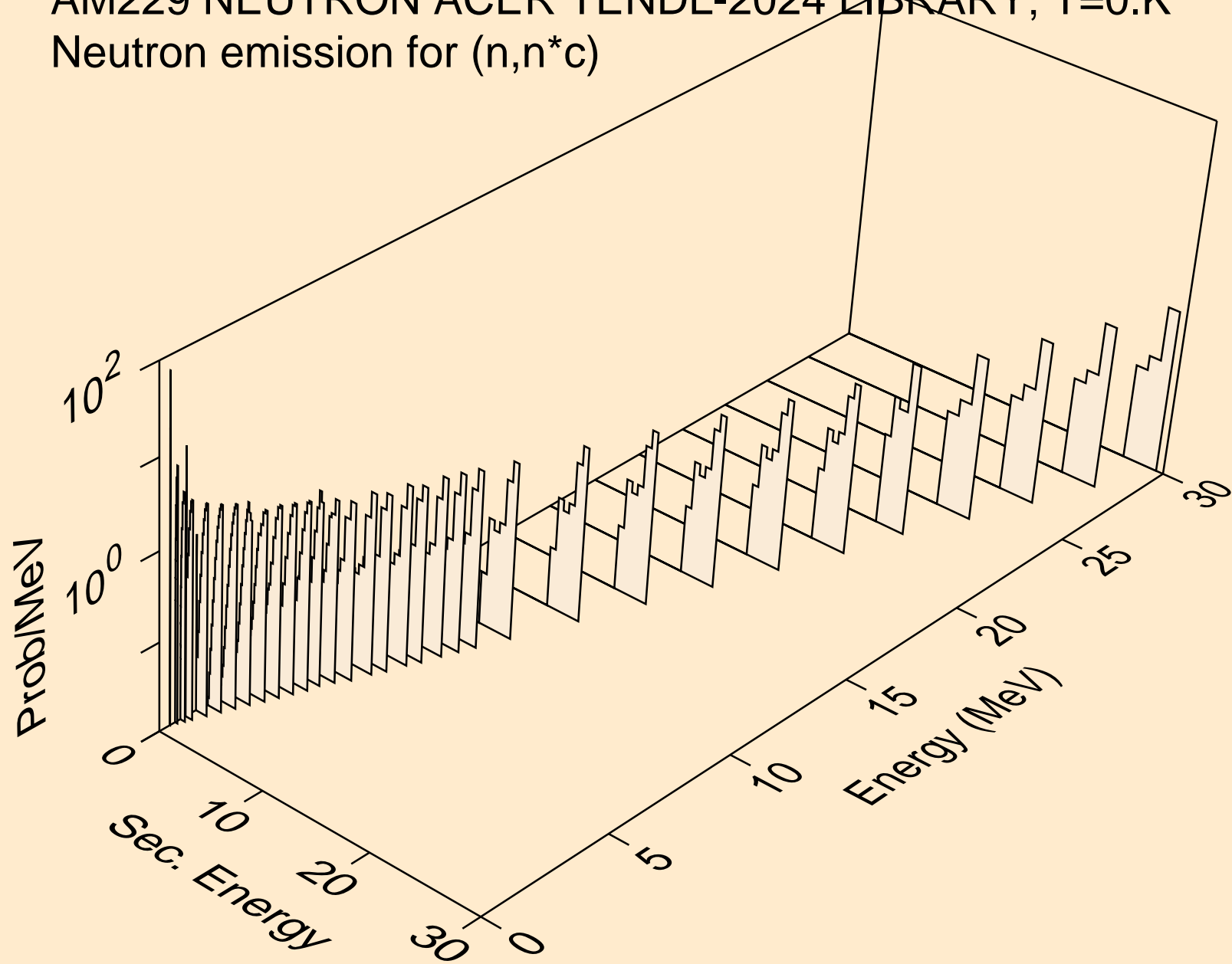


AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)



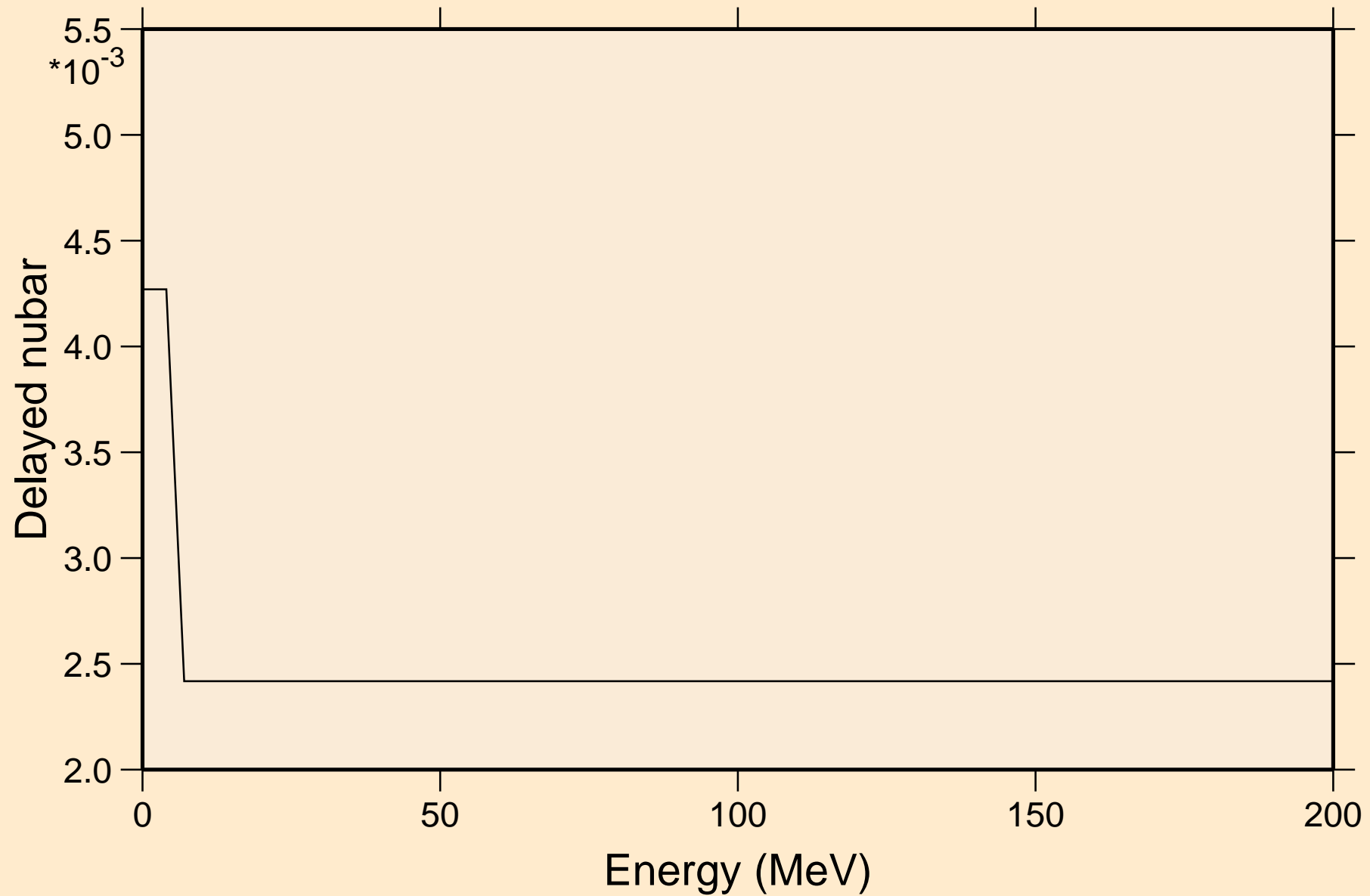


AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



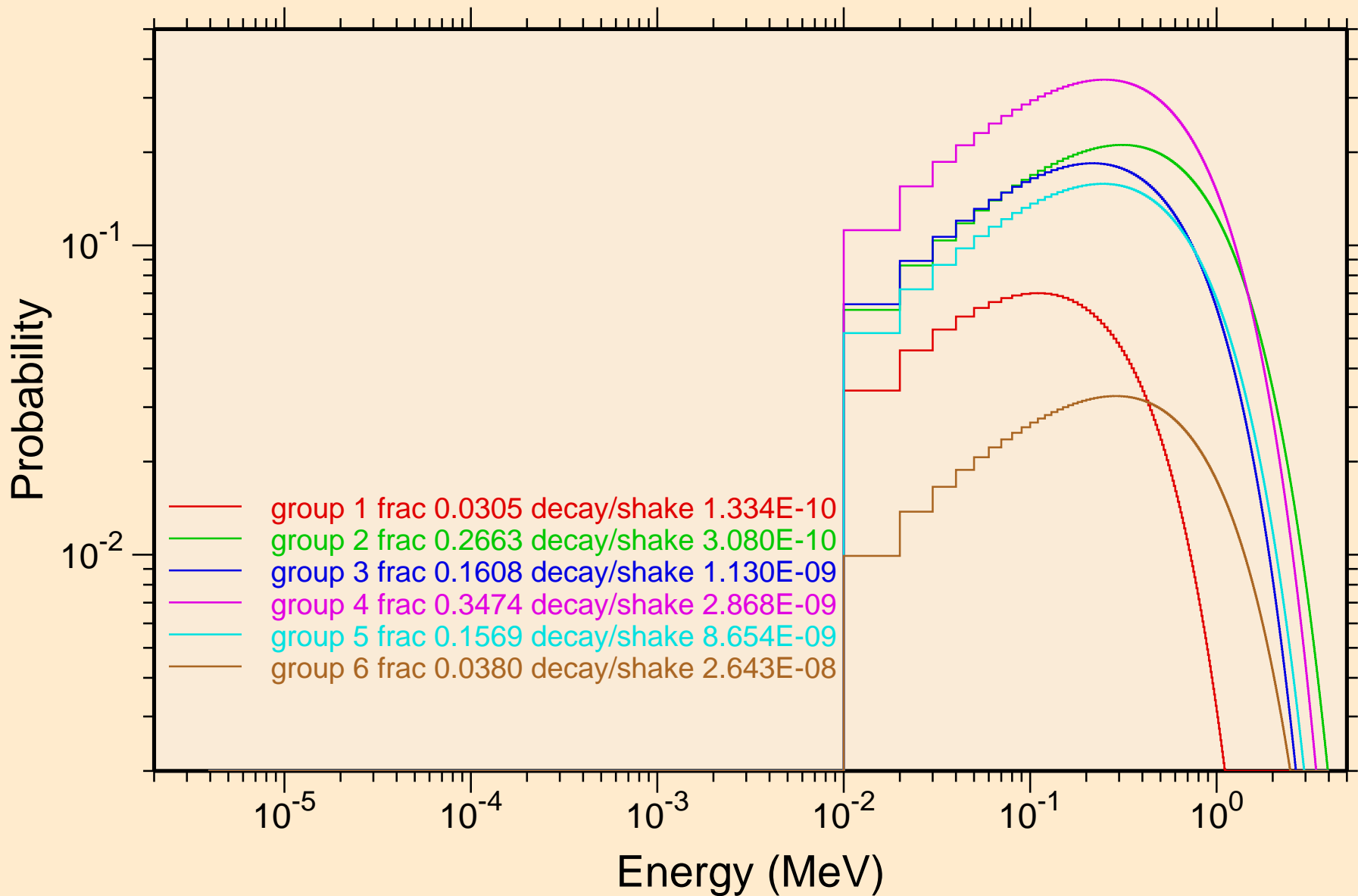
# AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Delayed nubar

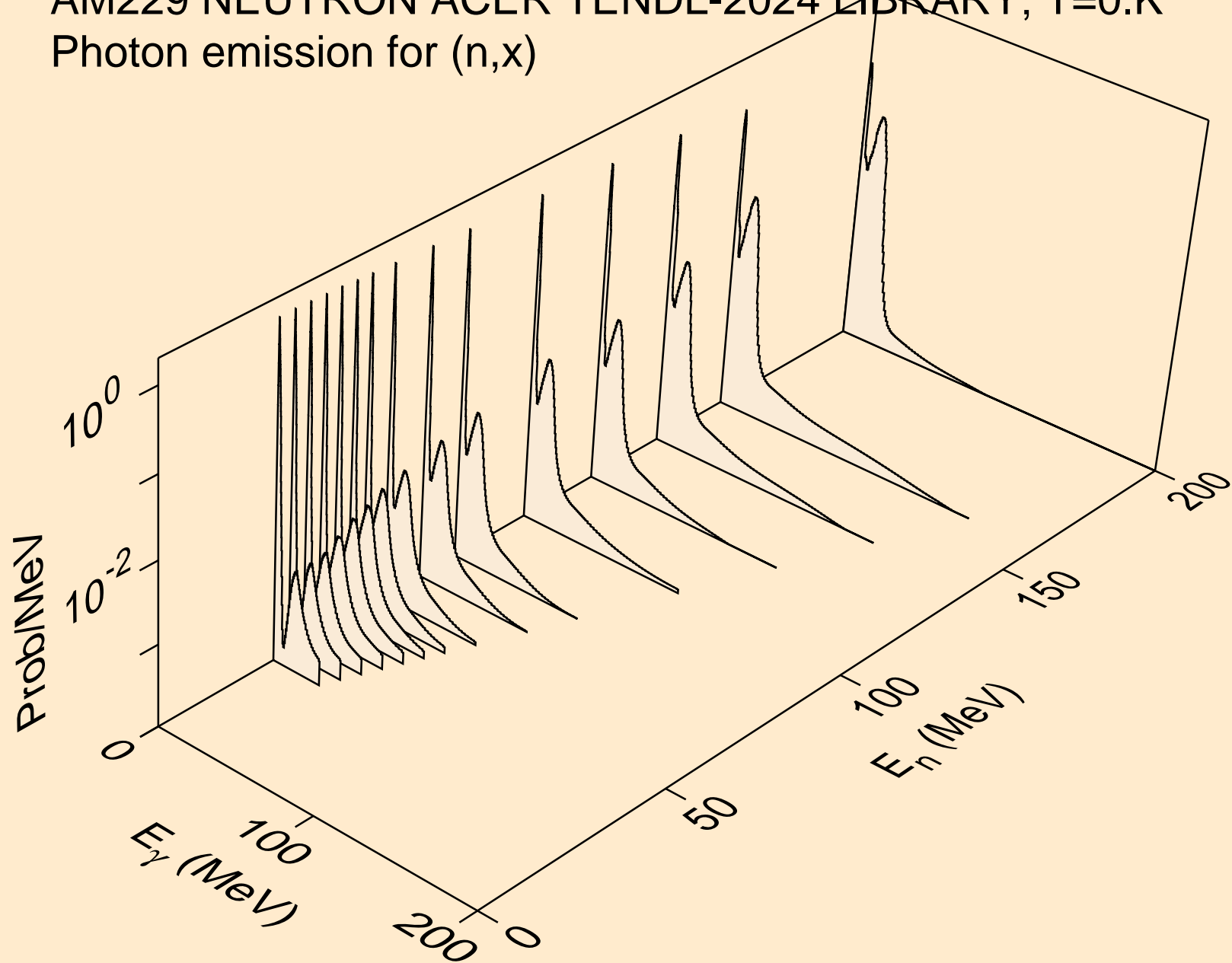


# AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

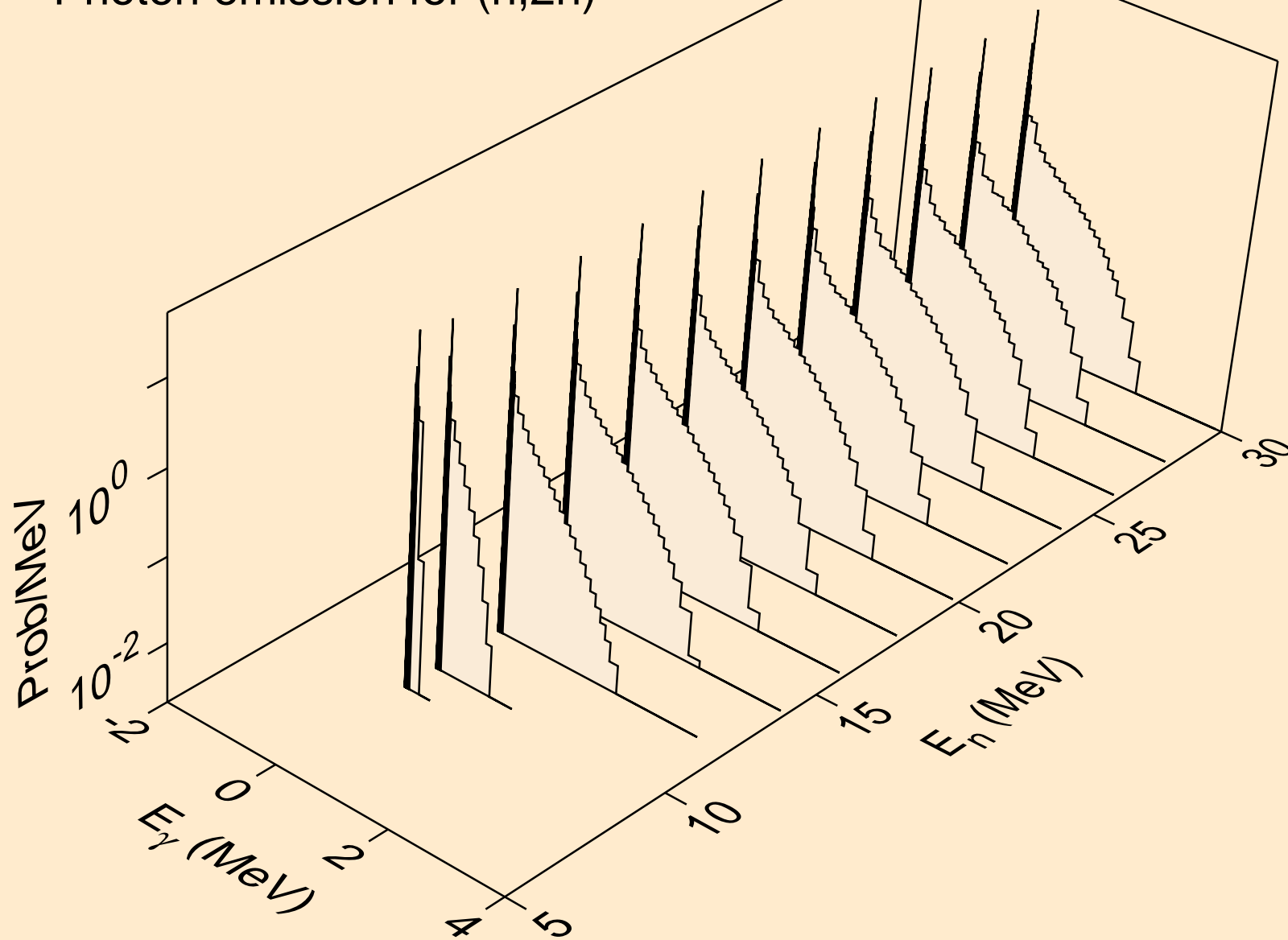
## Delayed neutron spectra



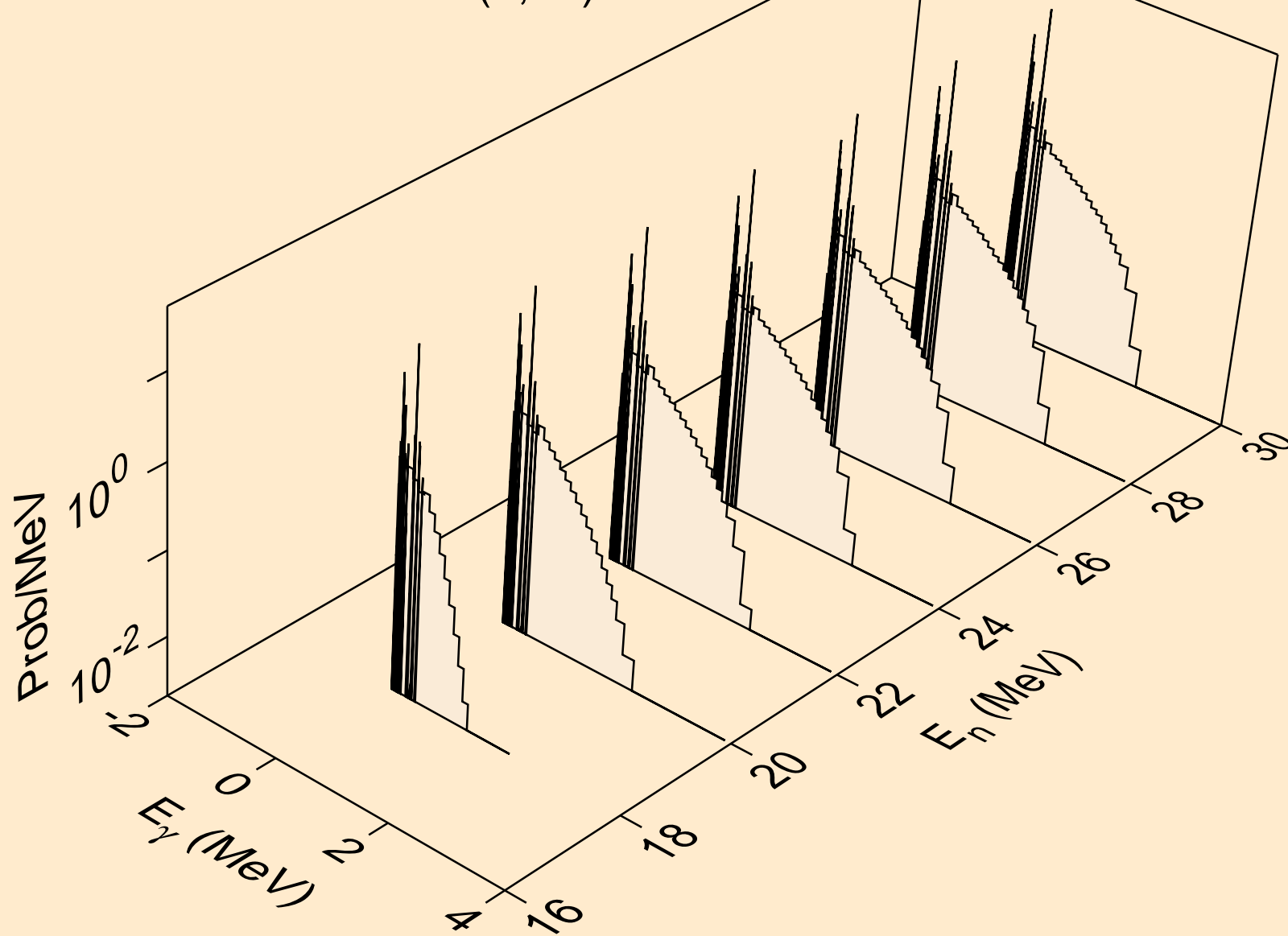
AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



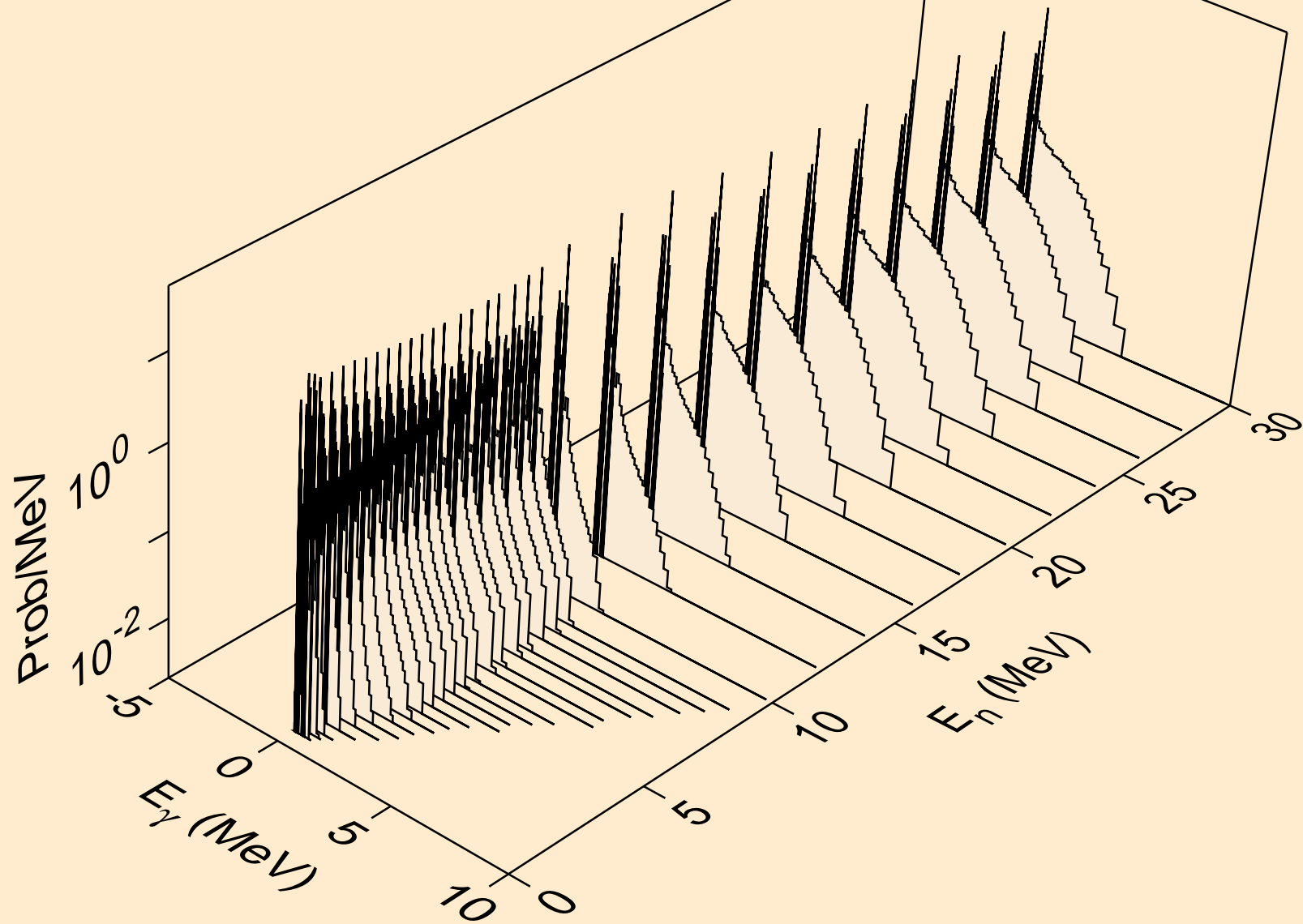
AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



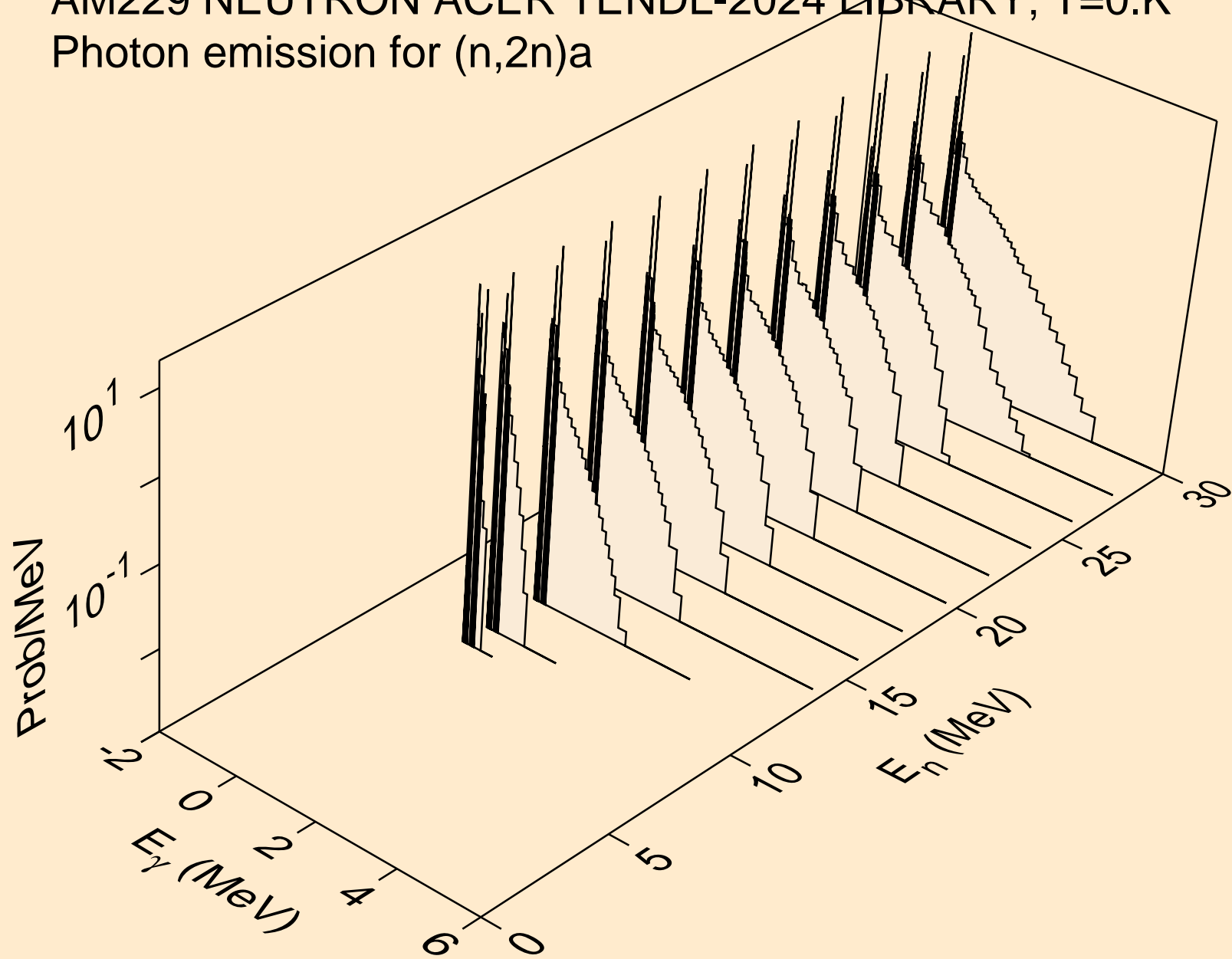
AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

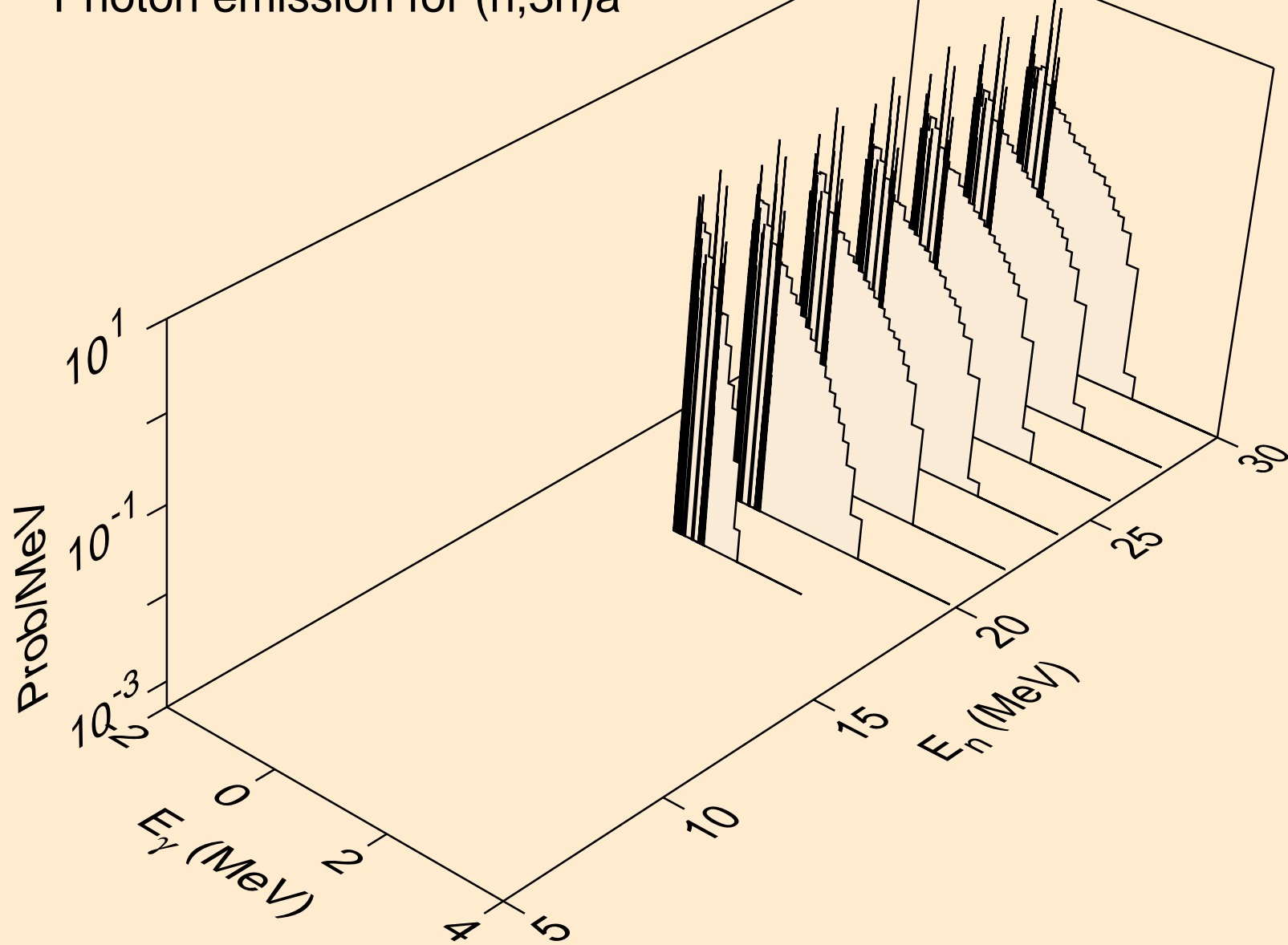


AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a

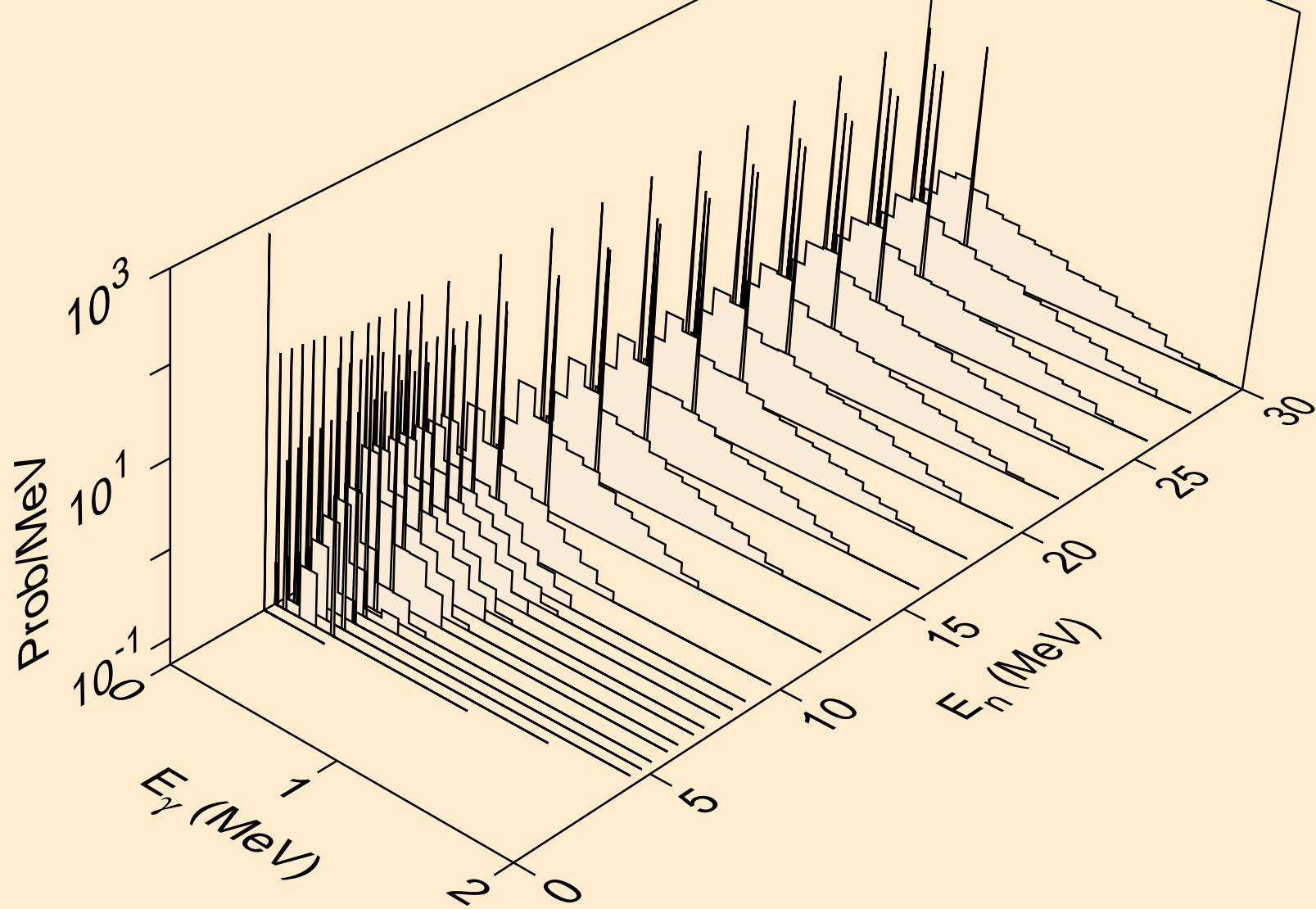




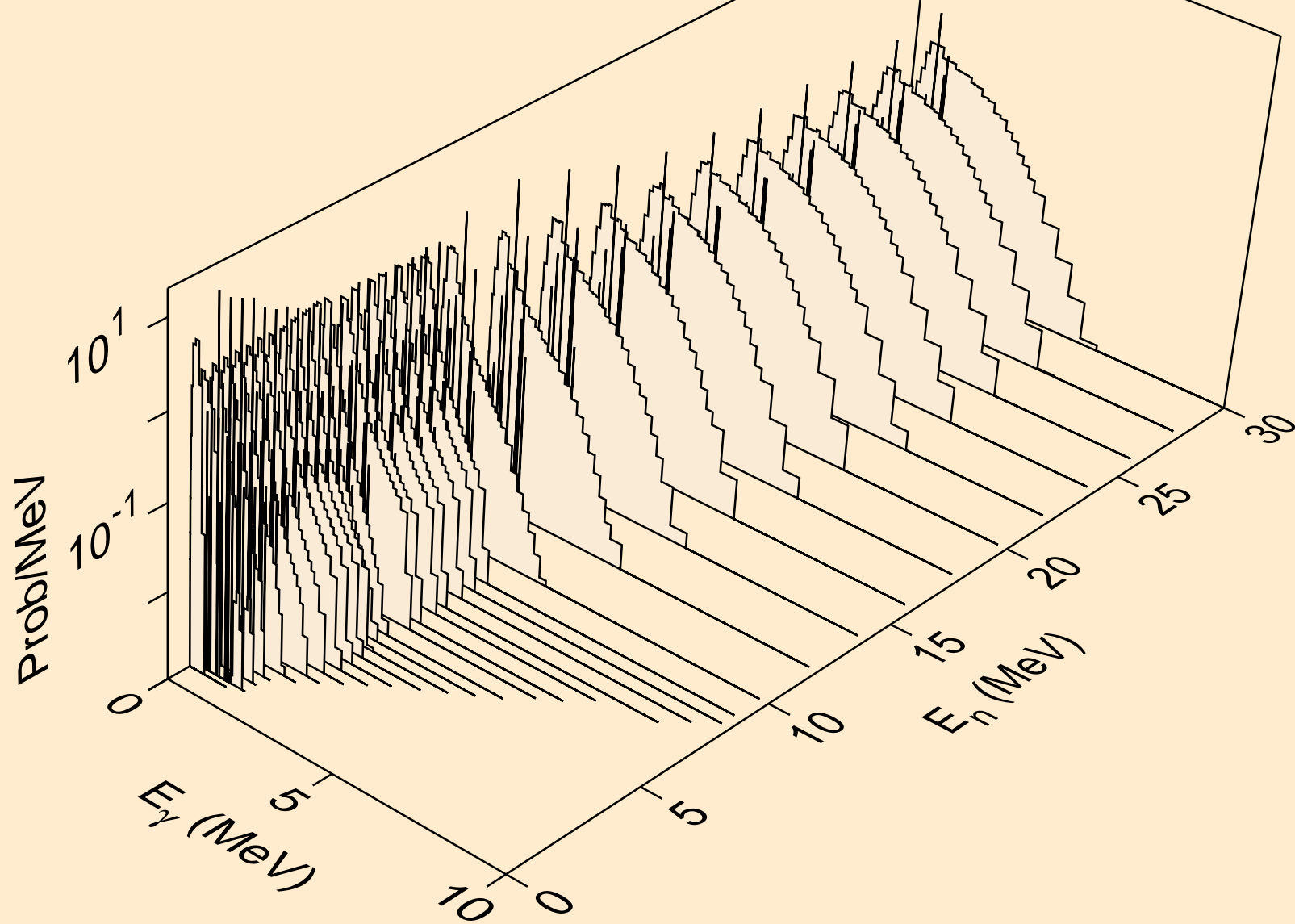
AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a



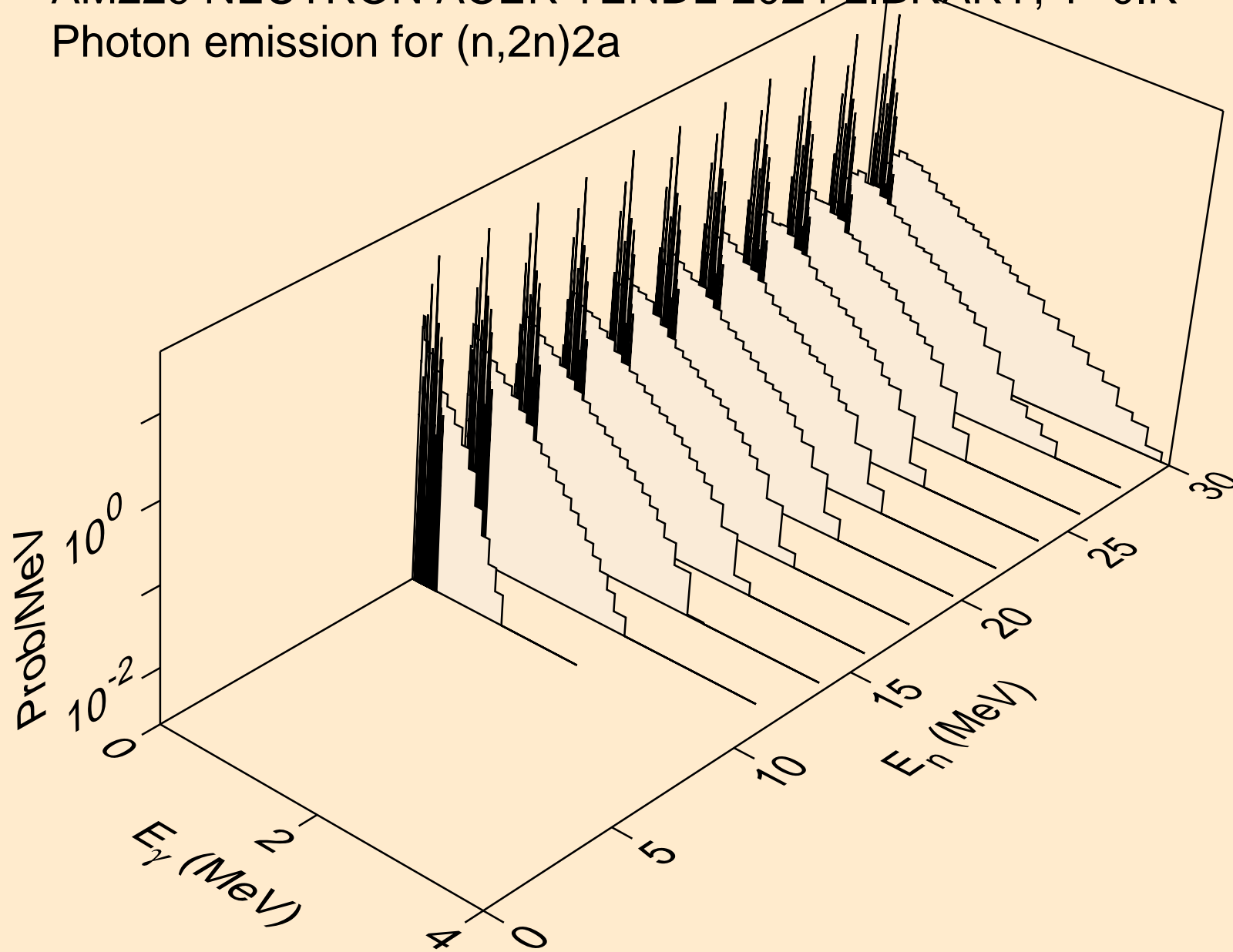
AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



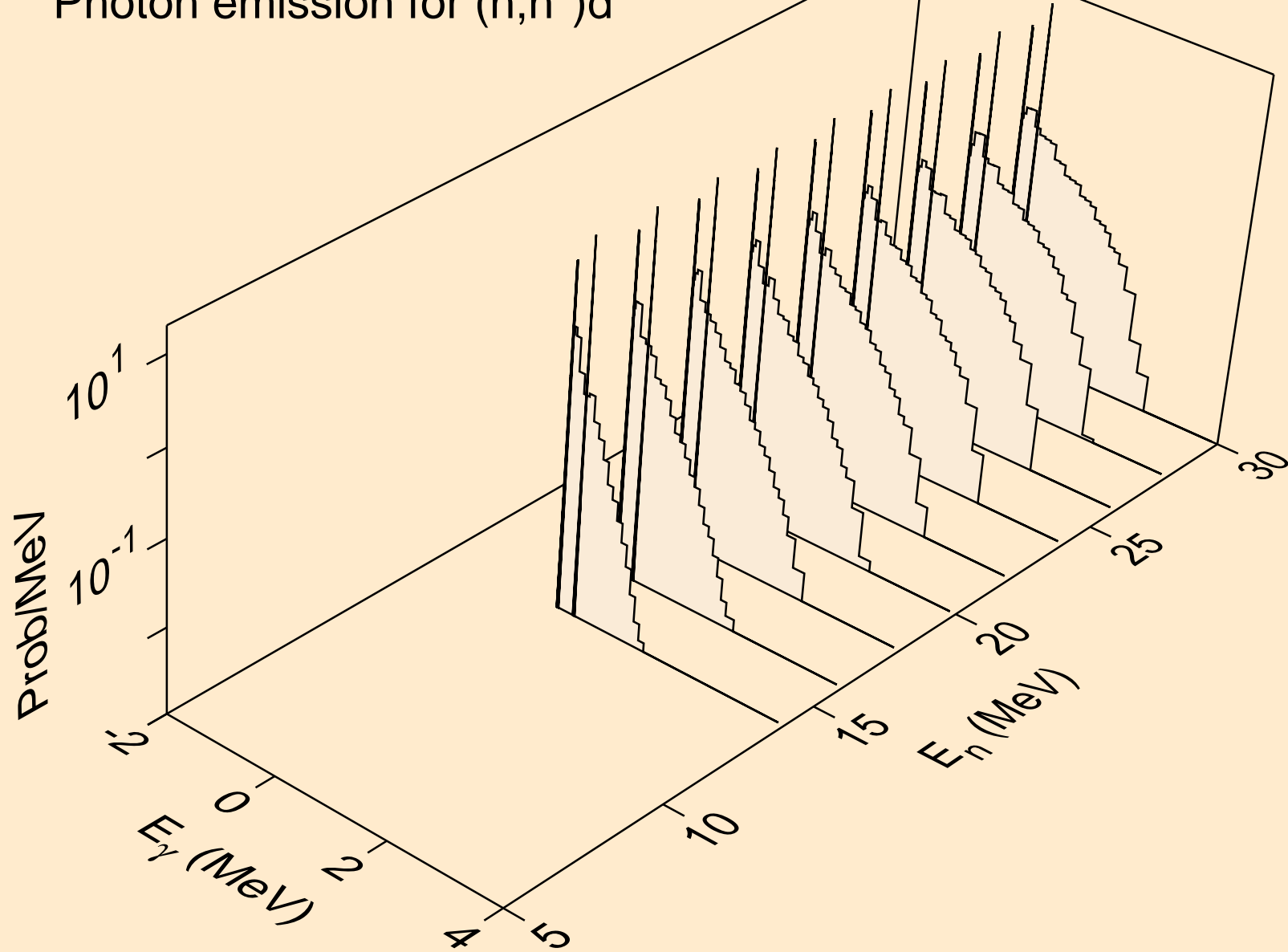
AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



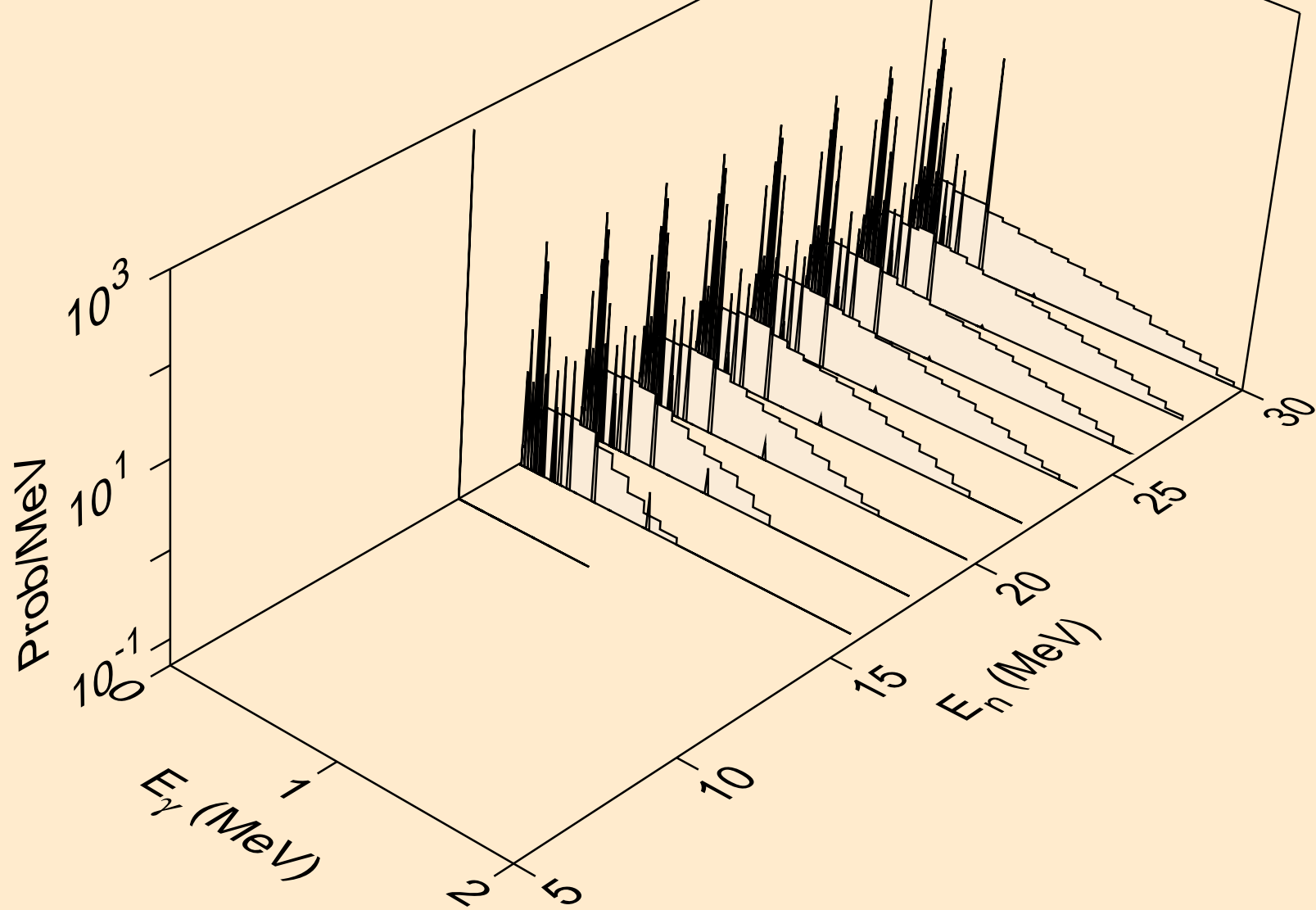
AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)2a



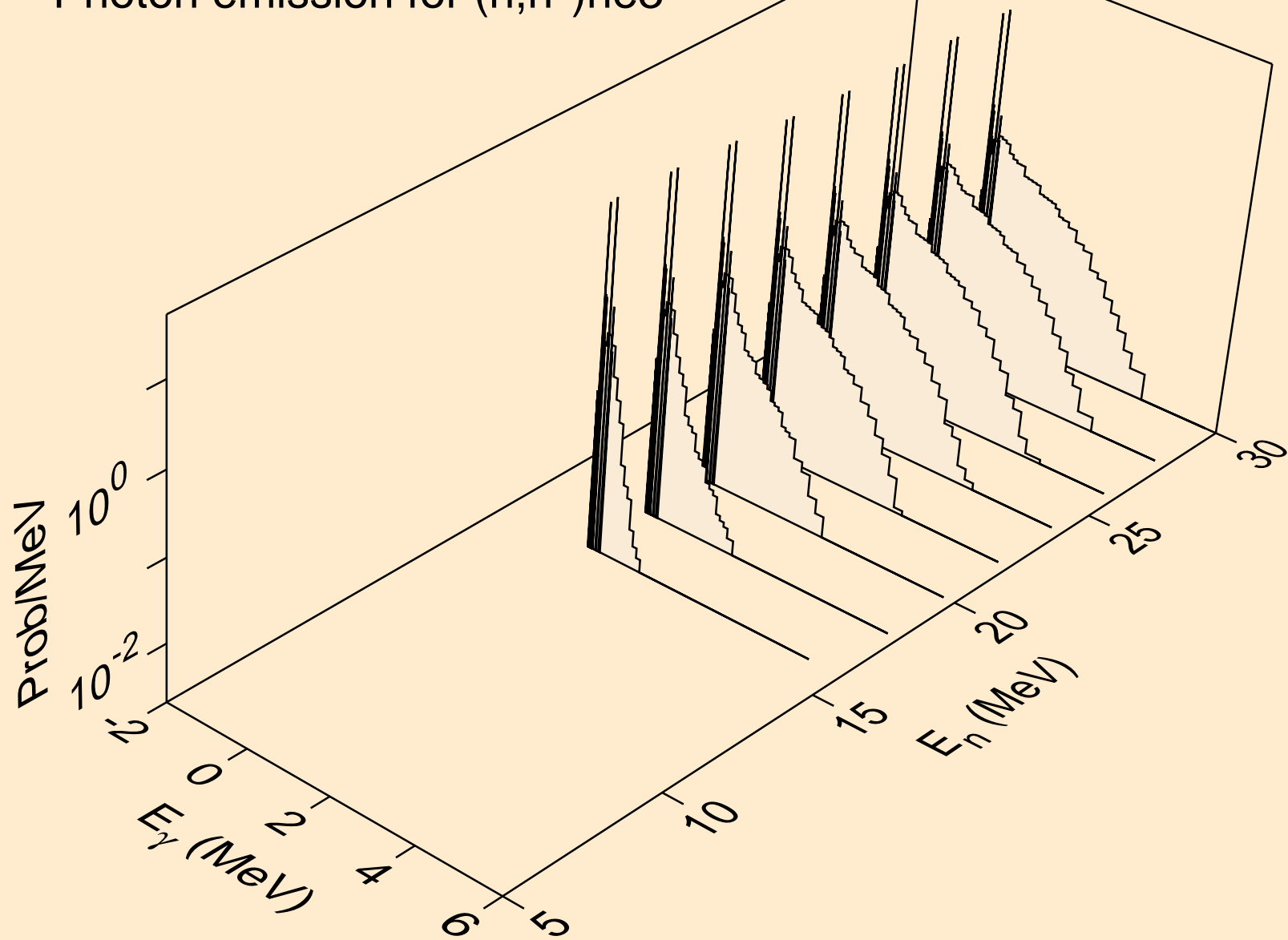
AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



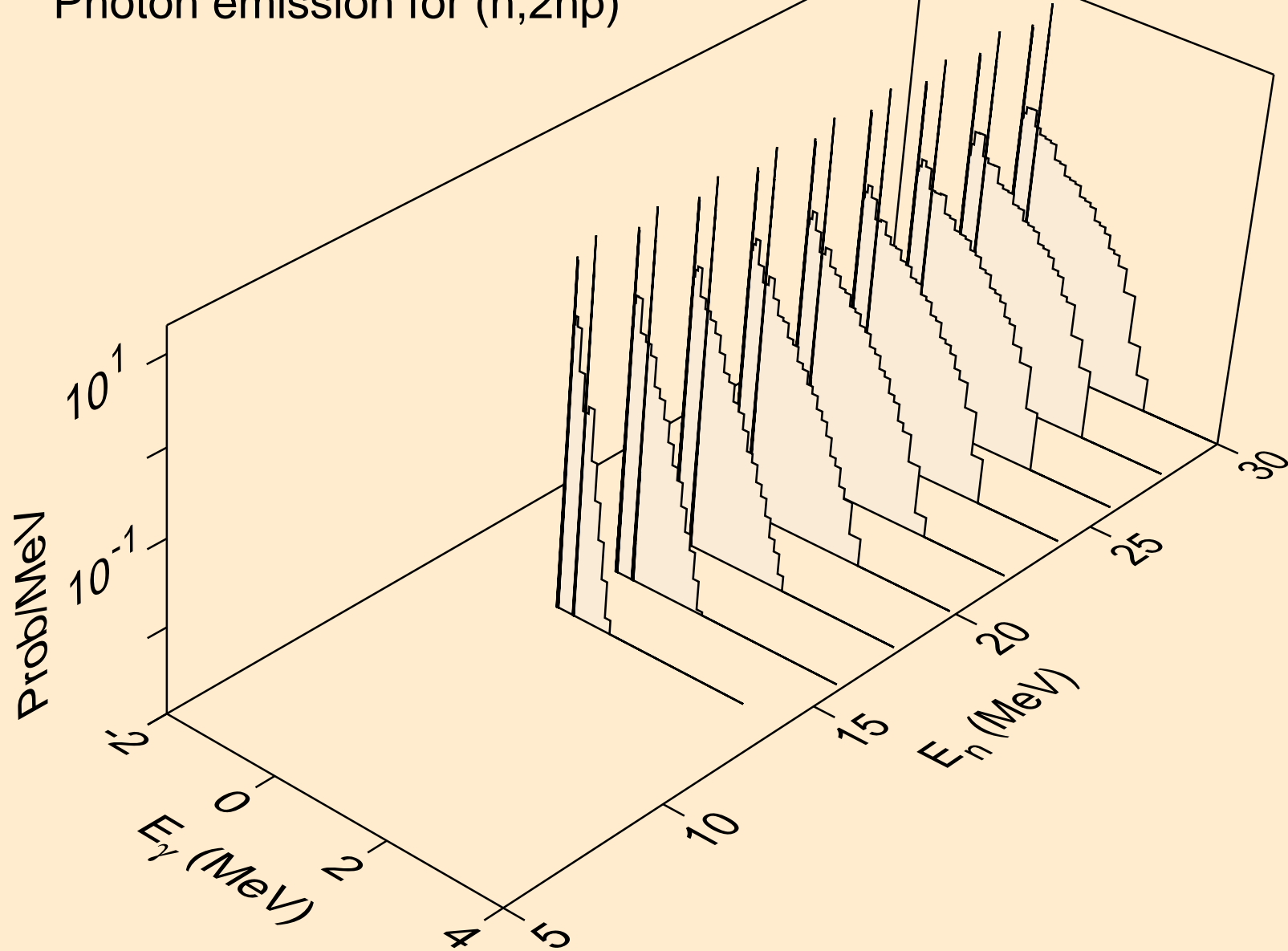
AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

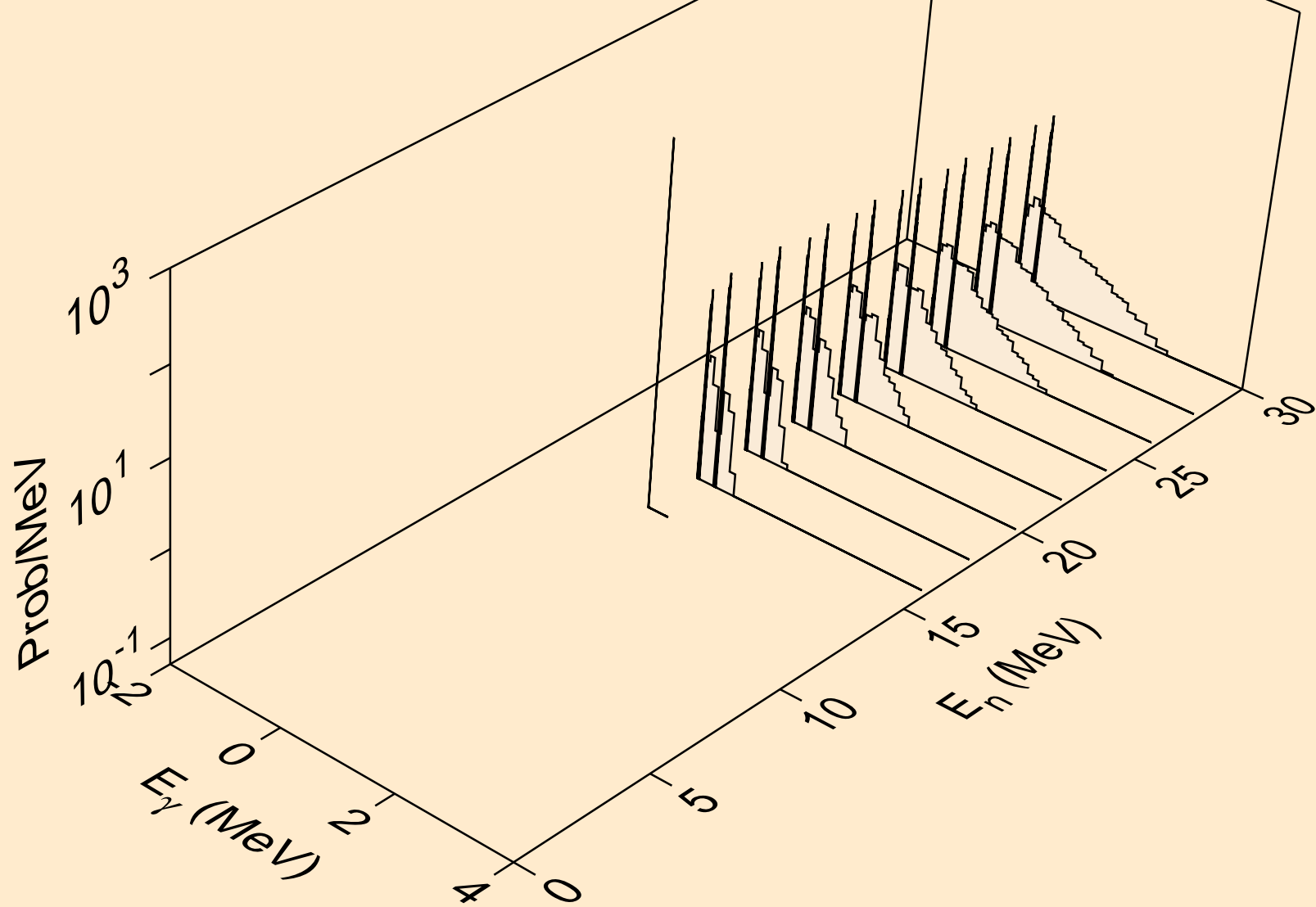


AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)

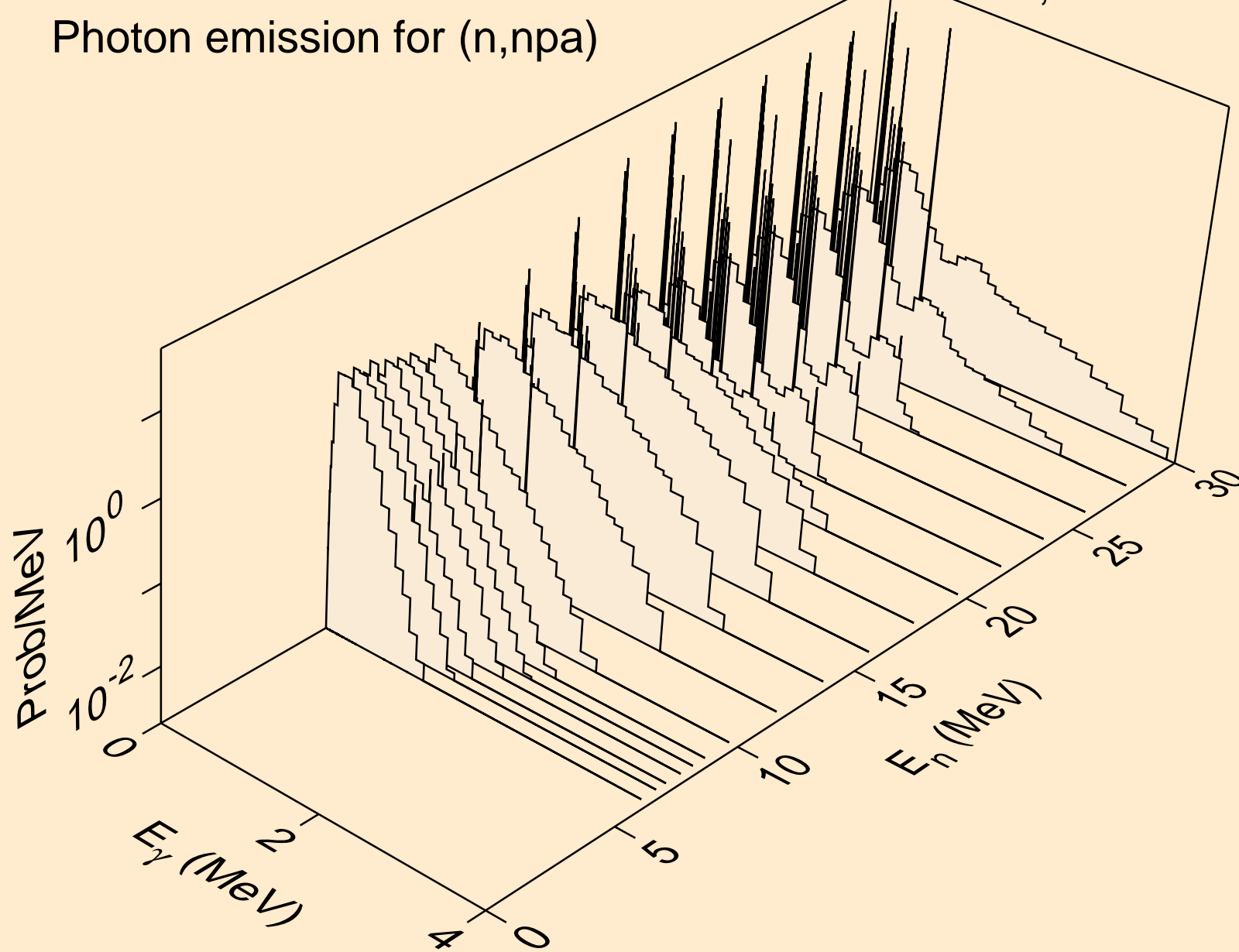




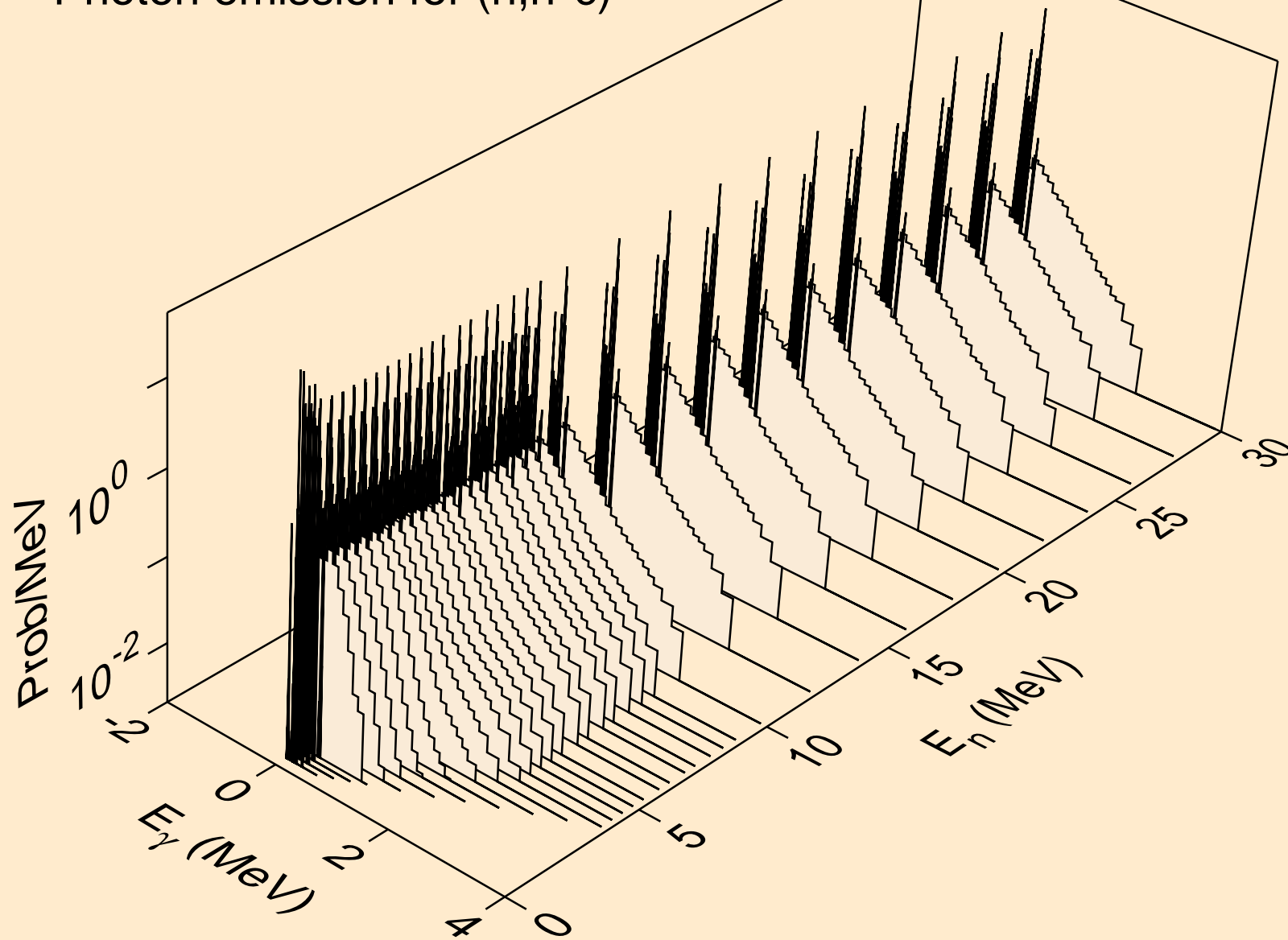
AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



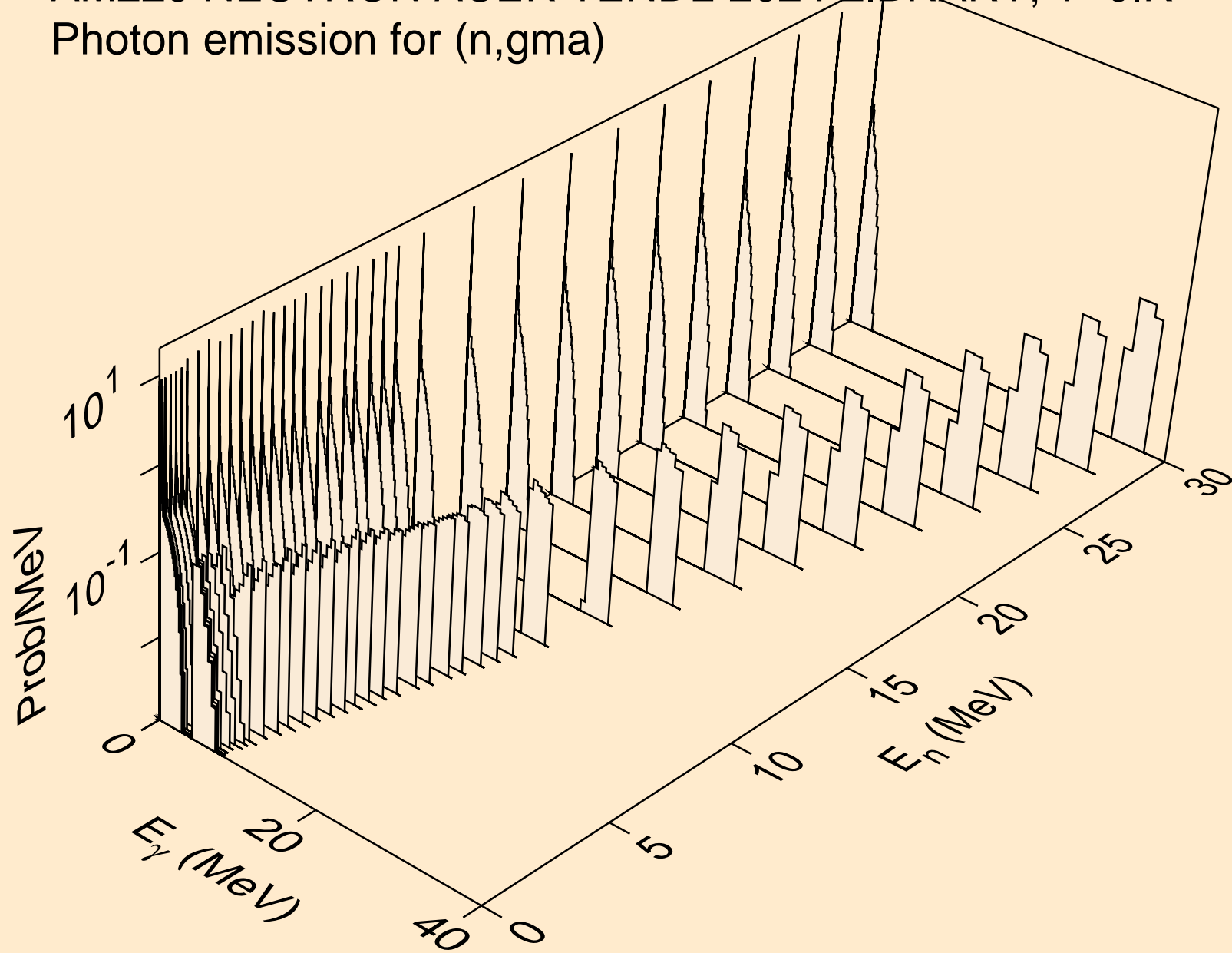
AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



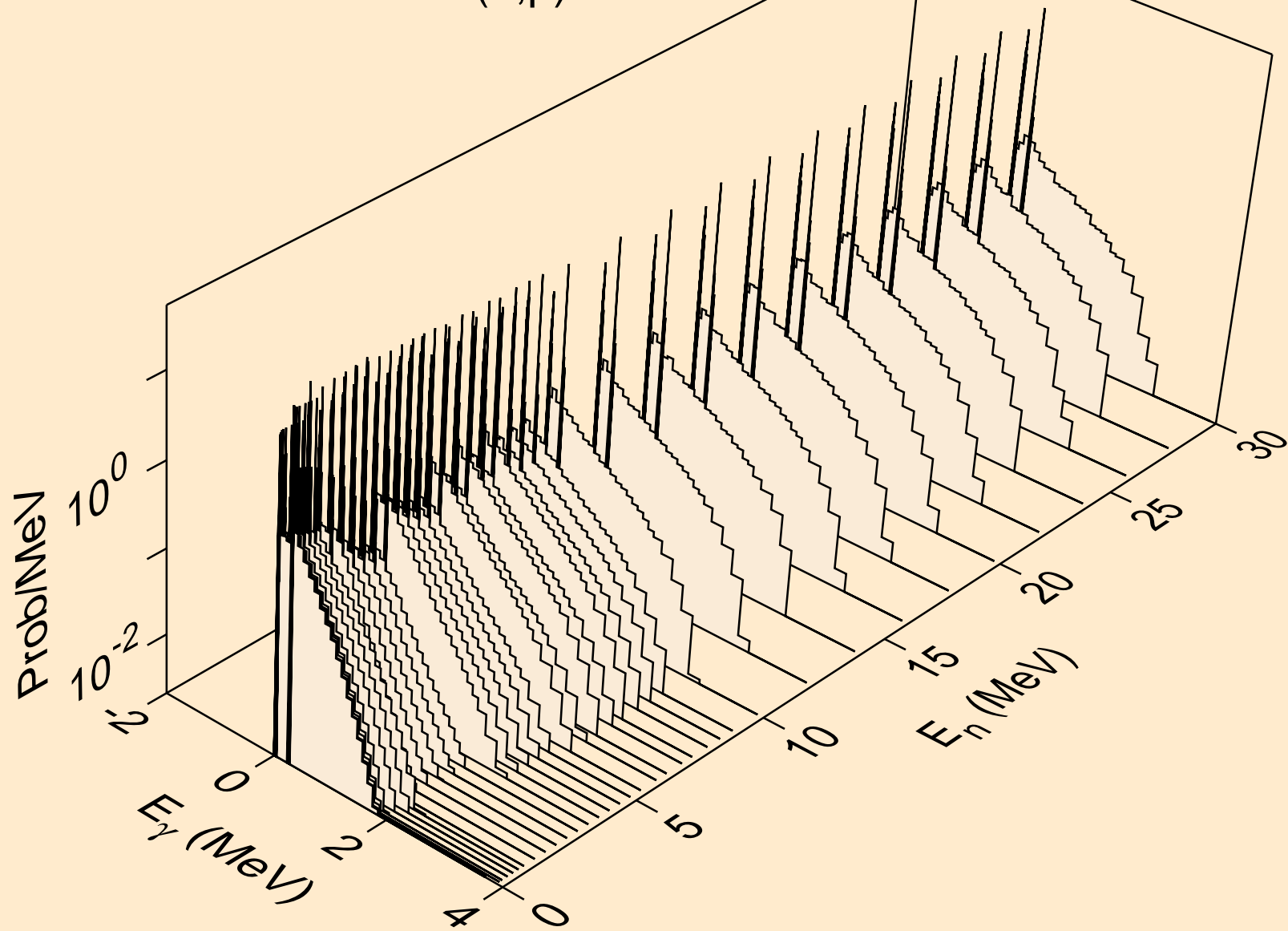
AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



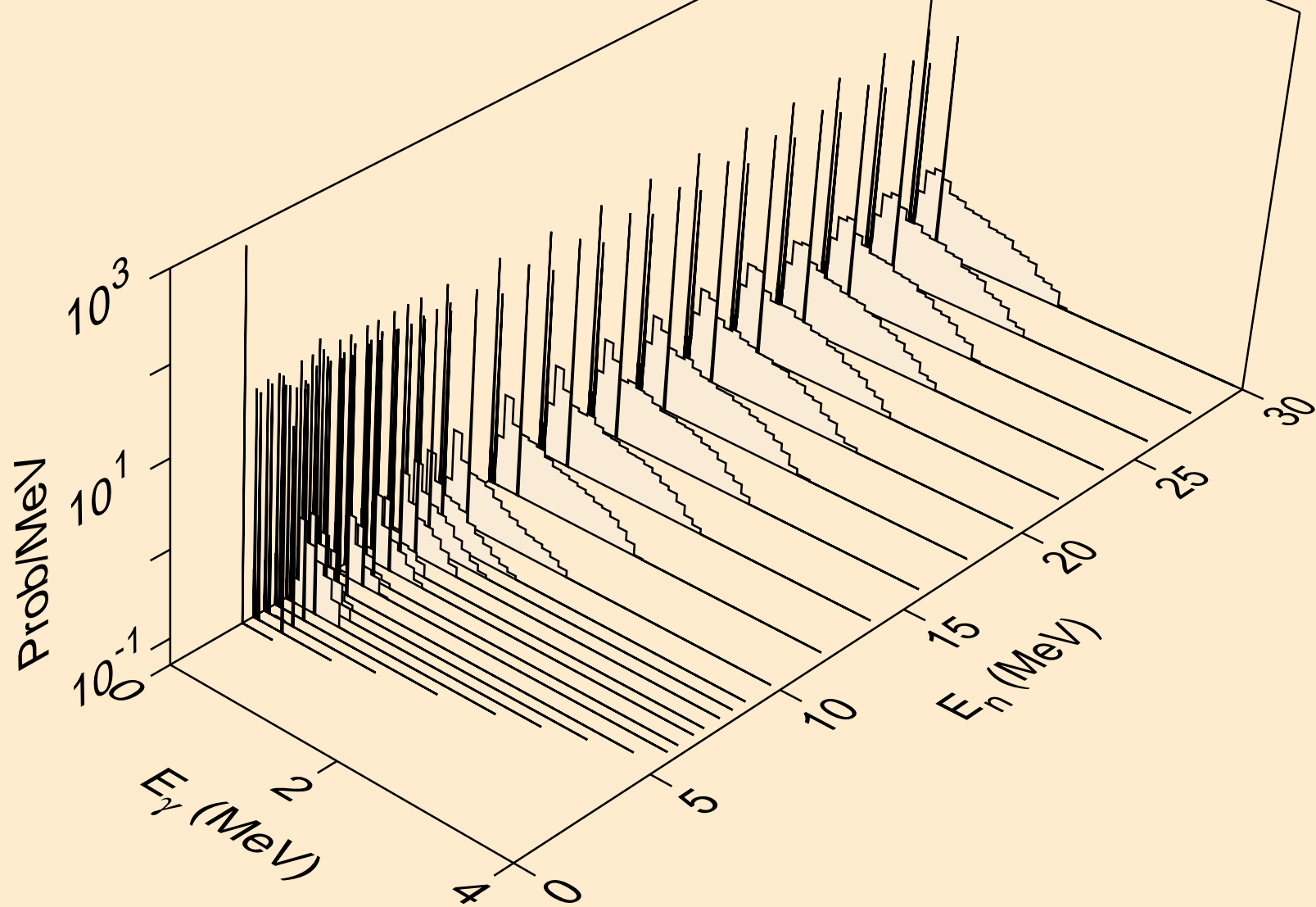
AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



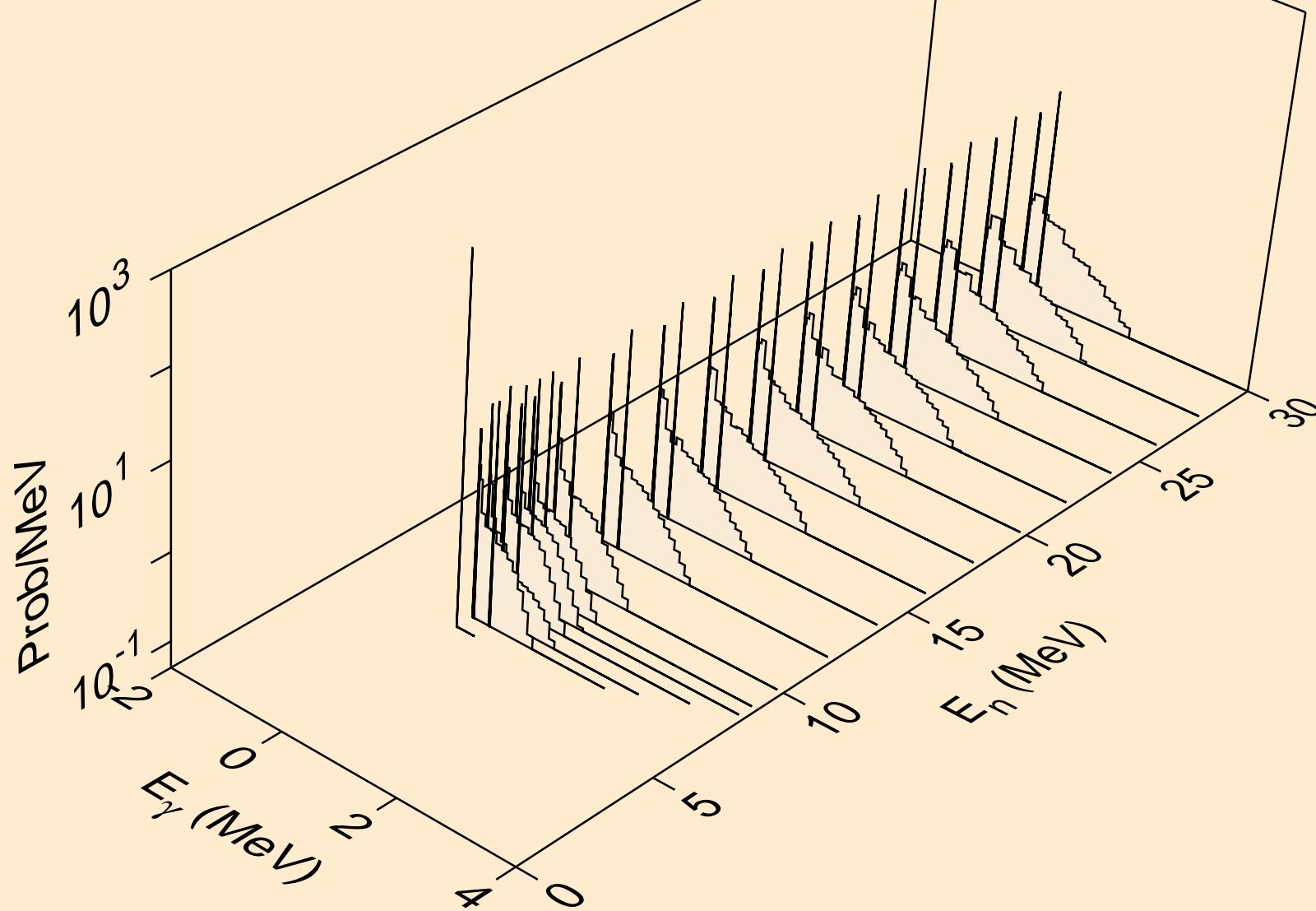
AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



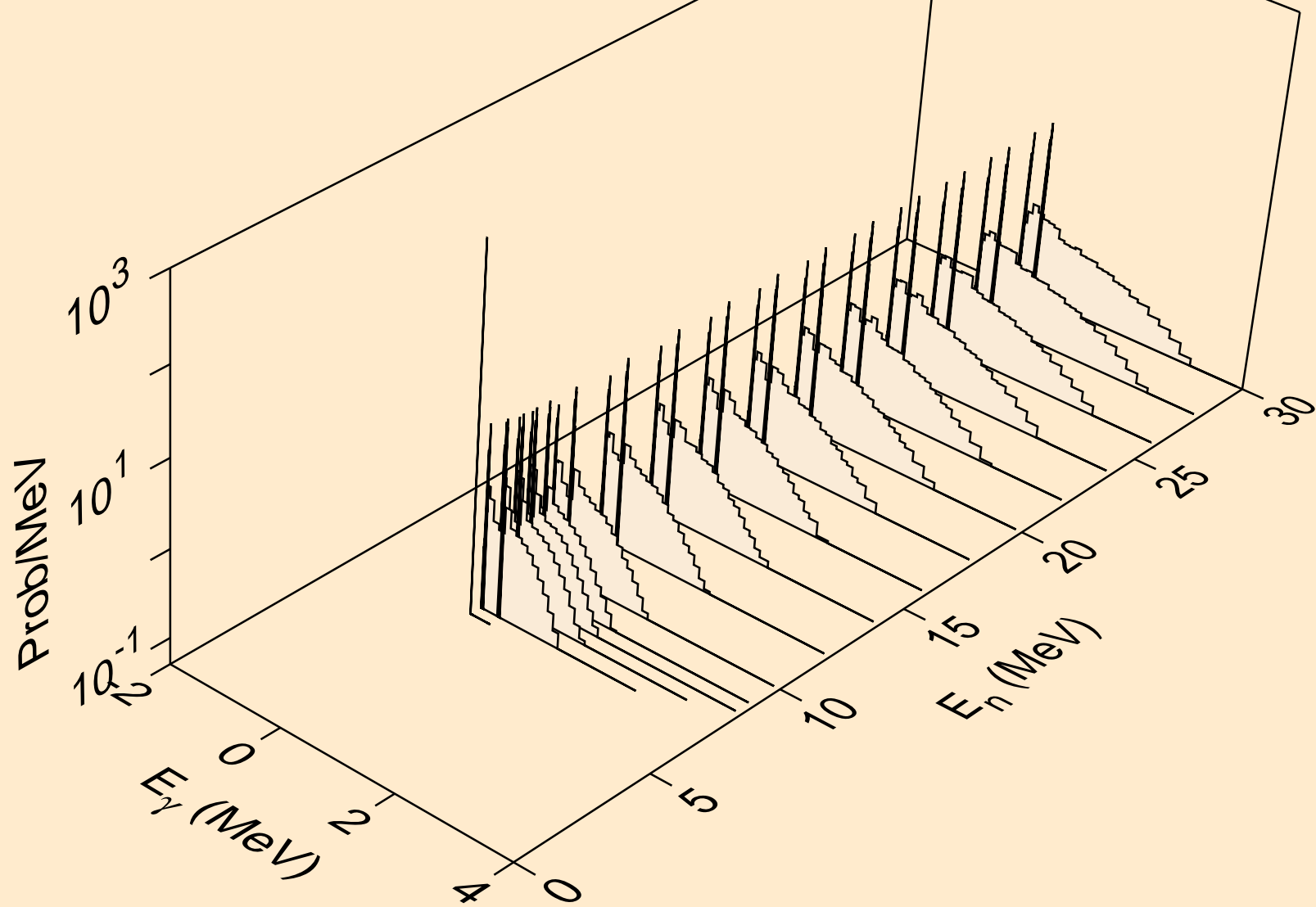
AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)

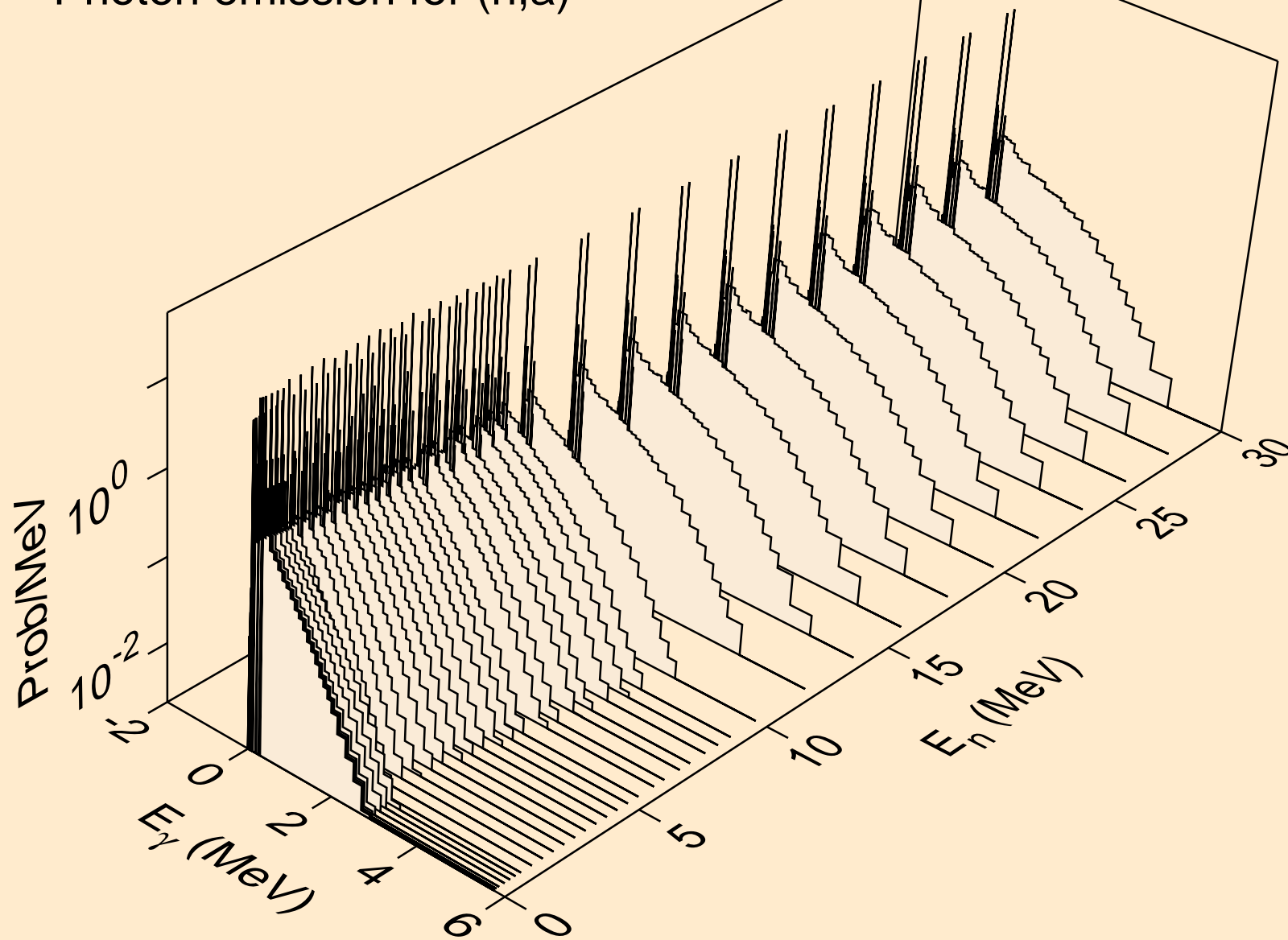


AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)

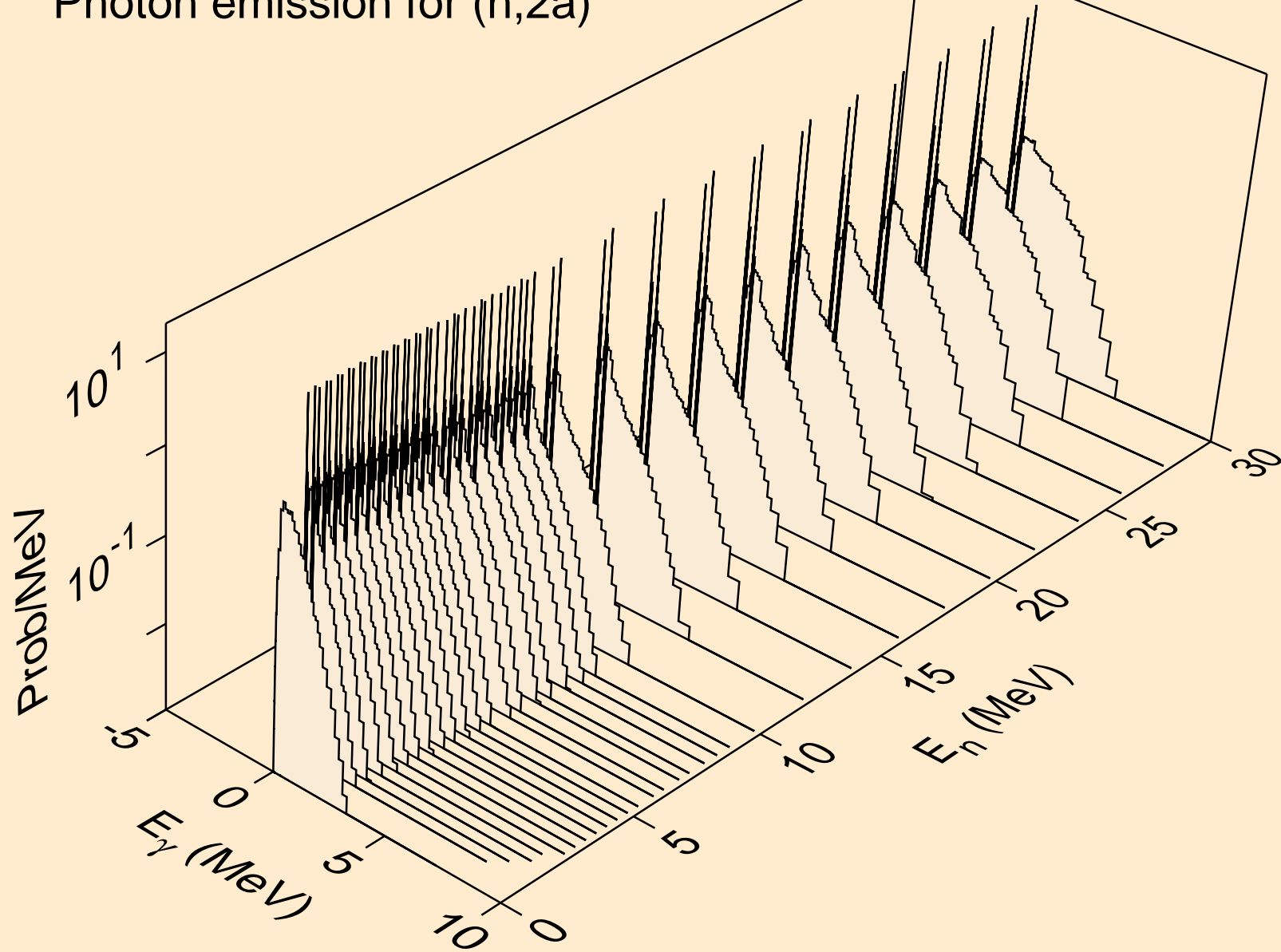




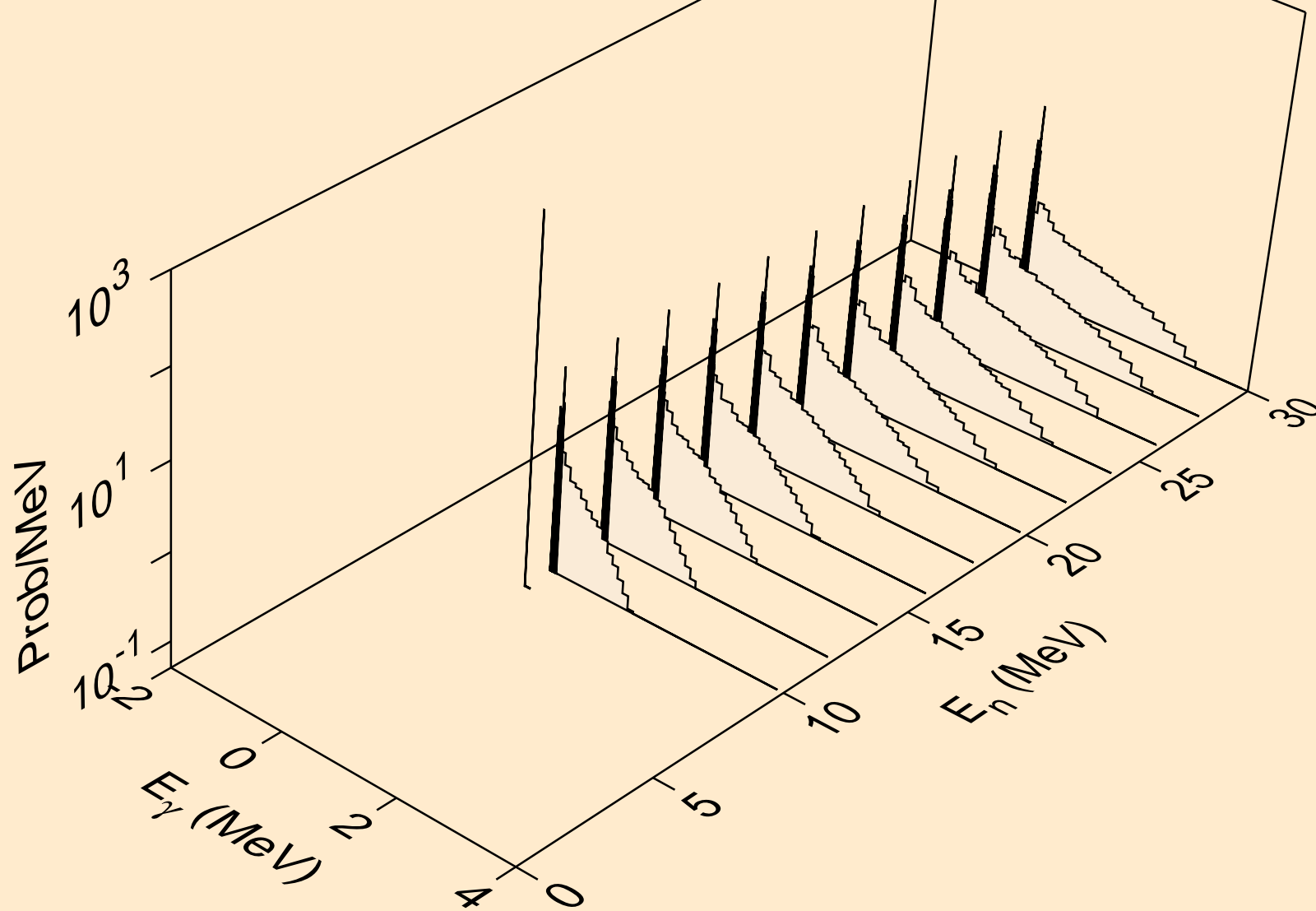
AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



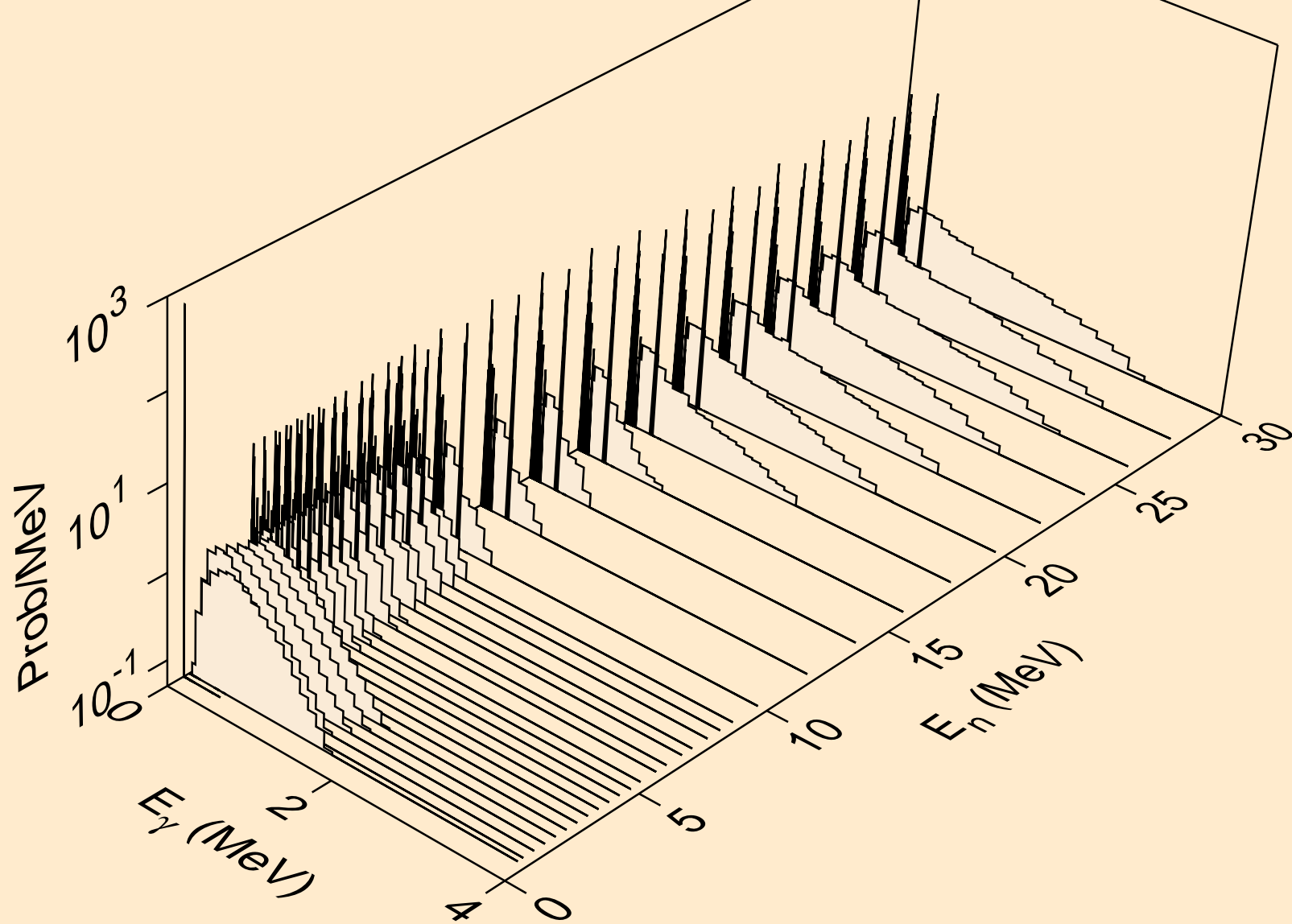
AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



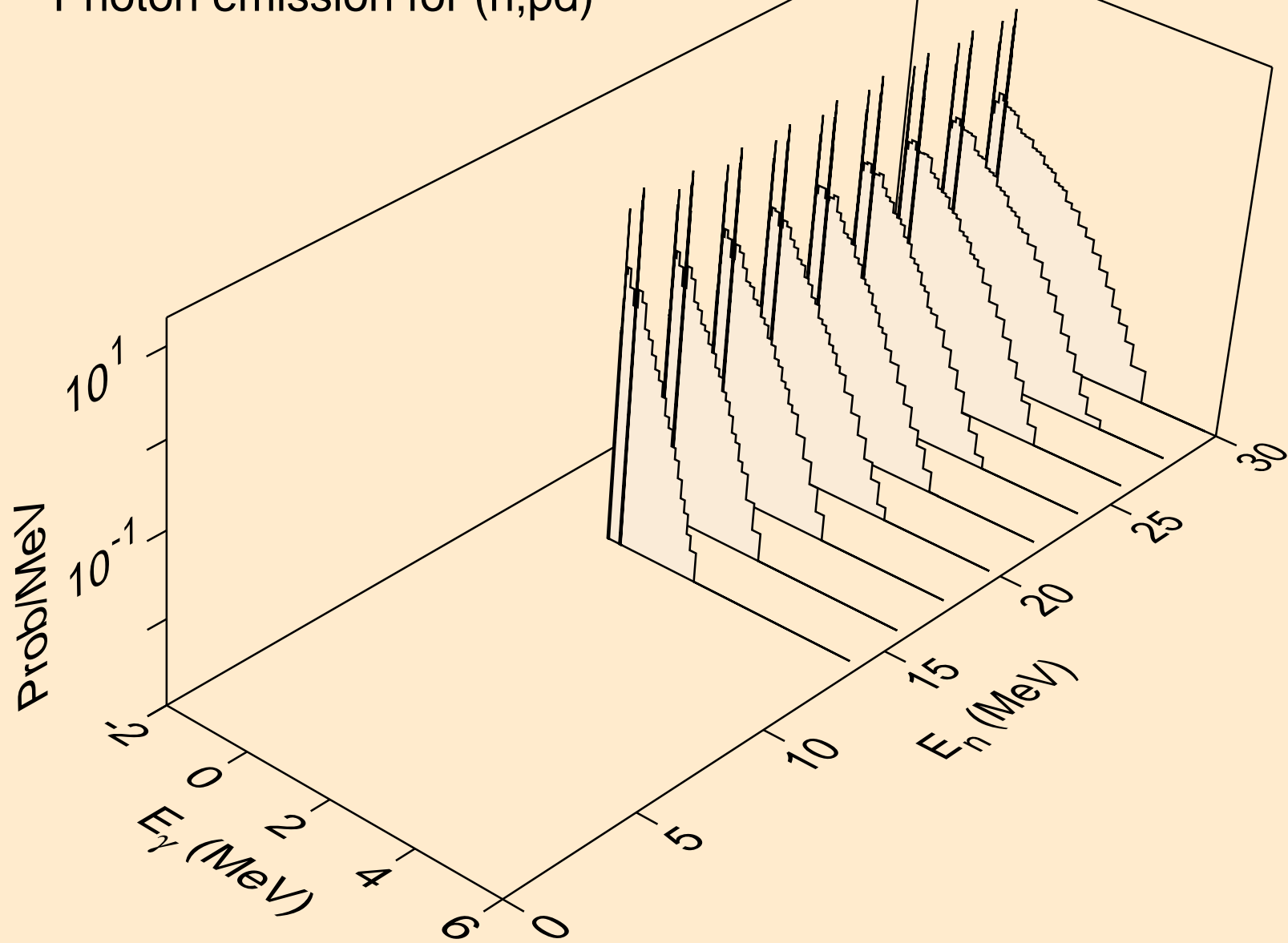
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Photon emission for (n,2p)



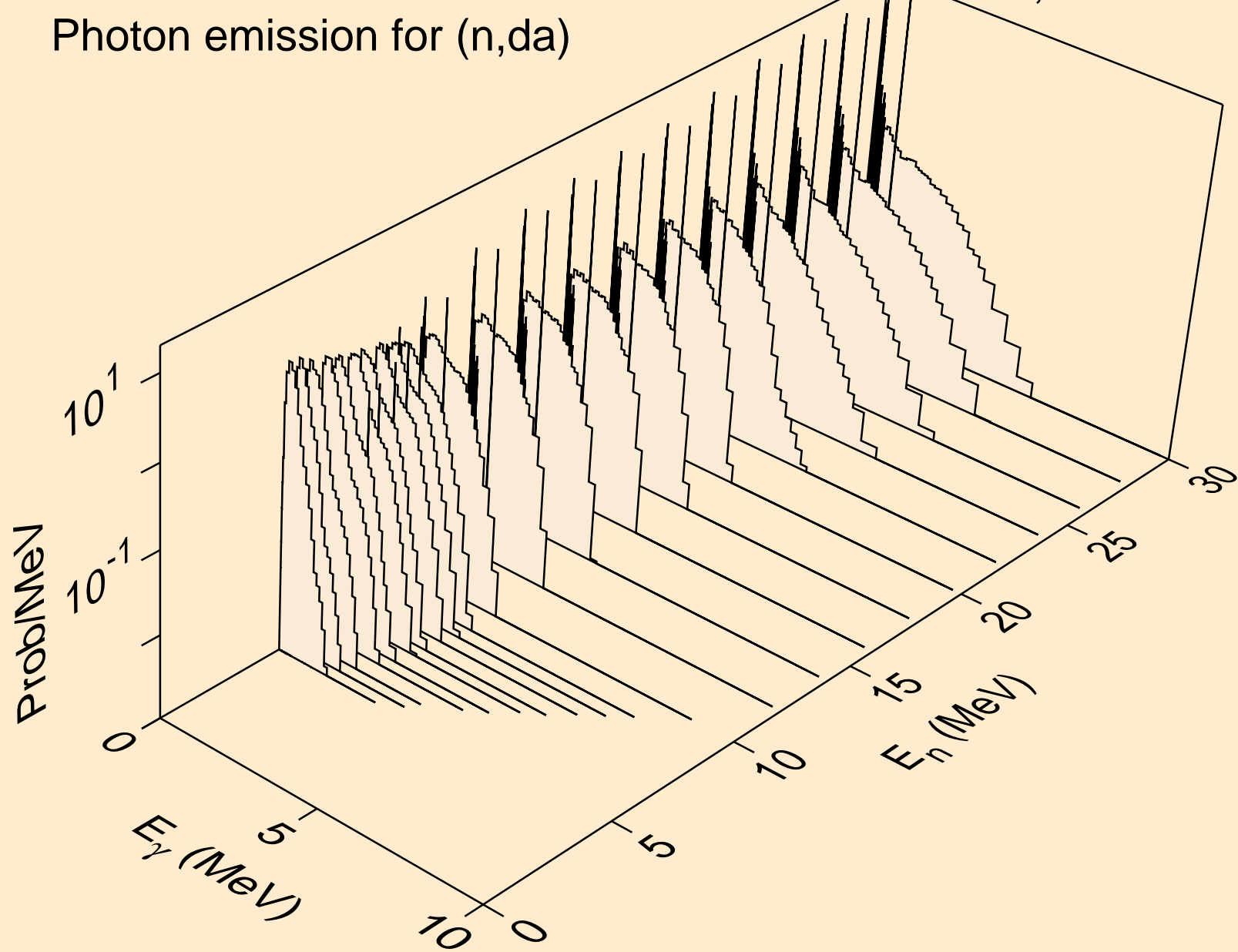
AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



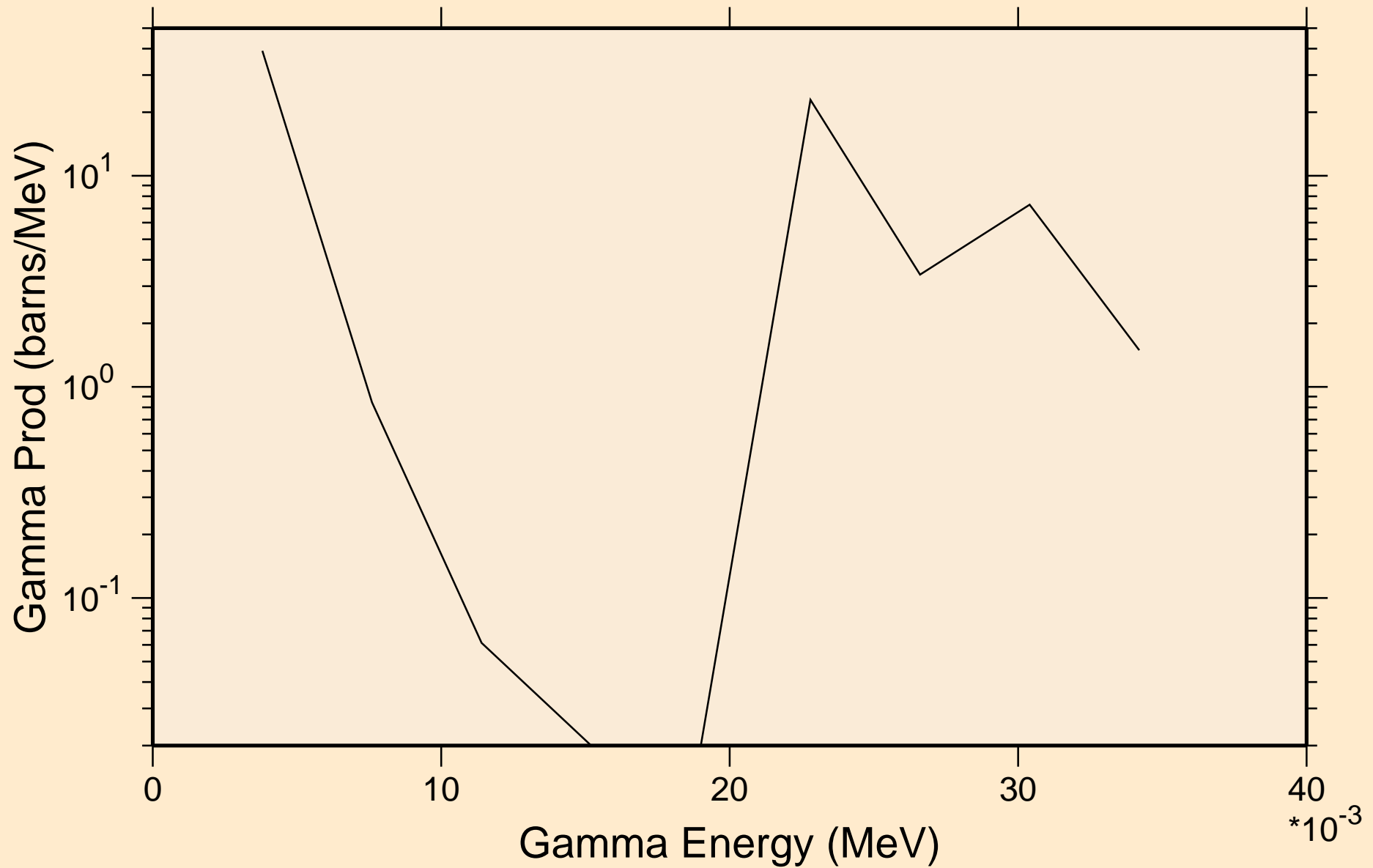
AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



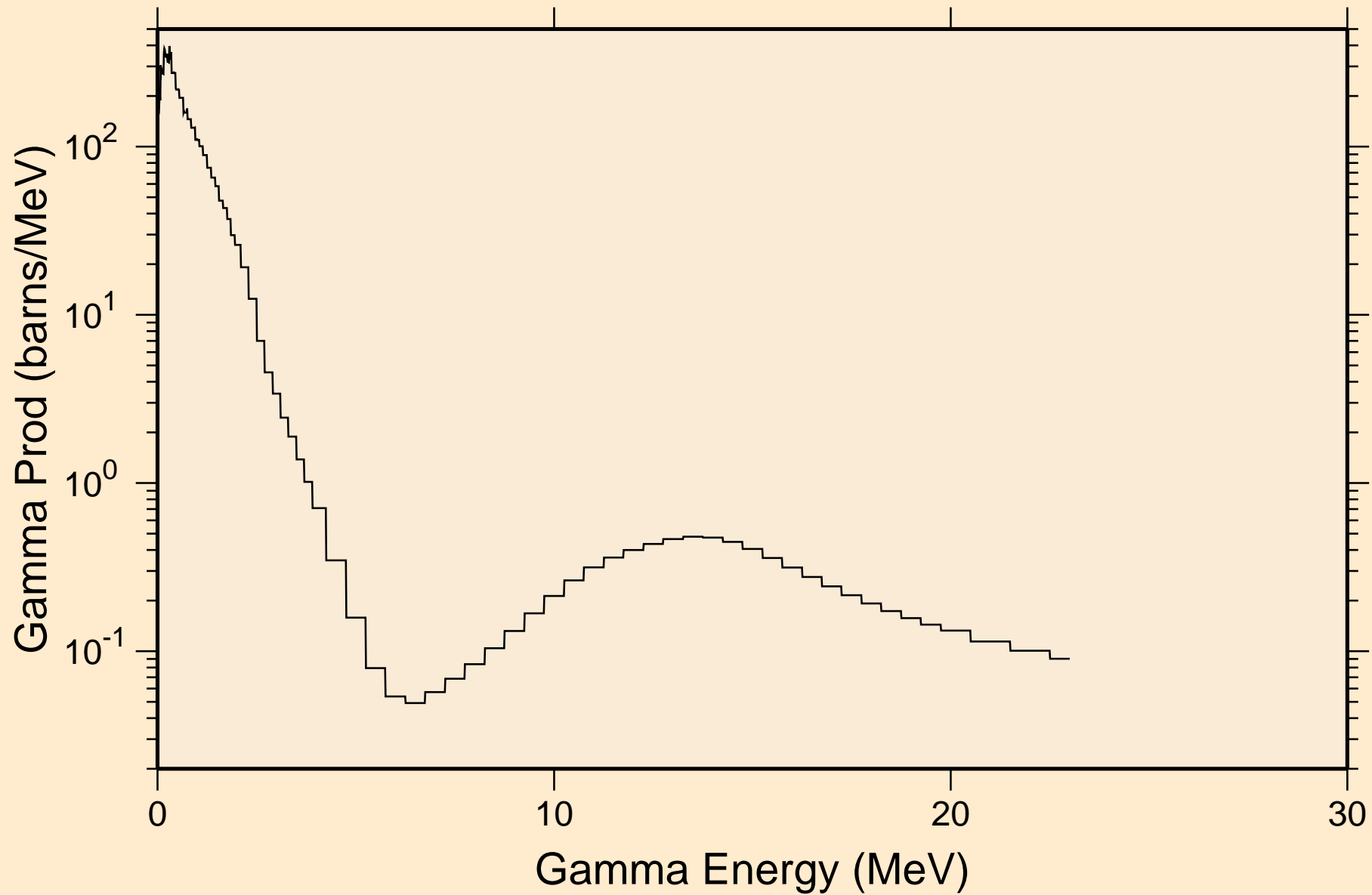
AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum



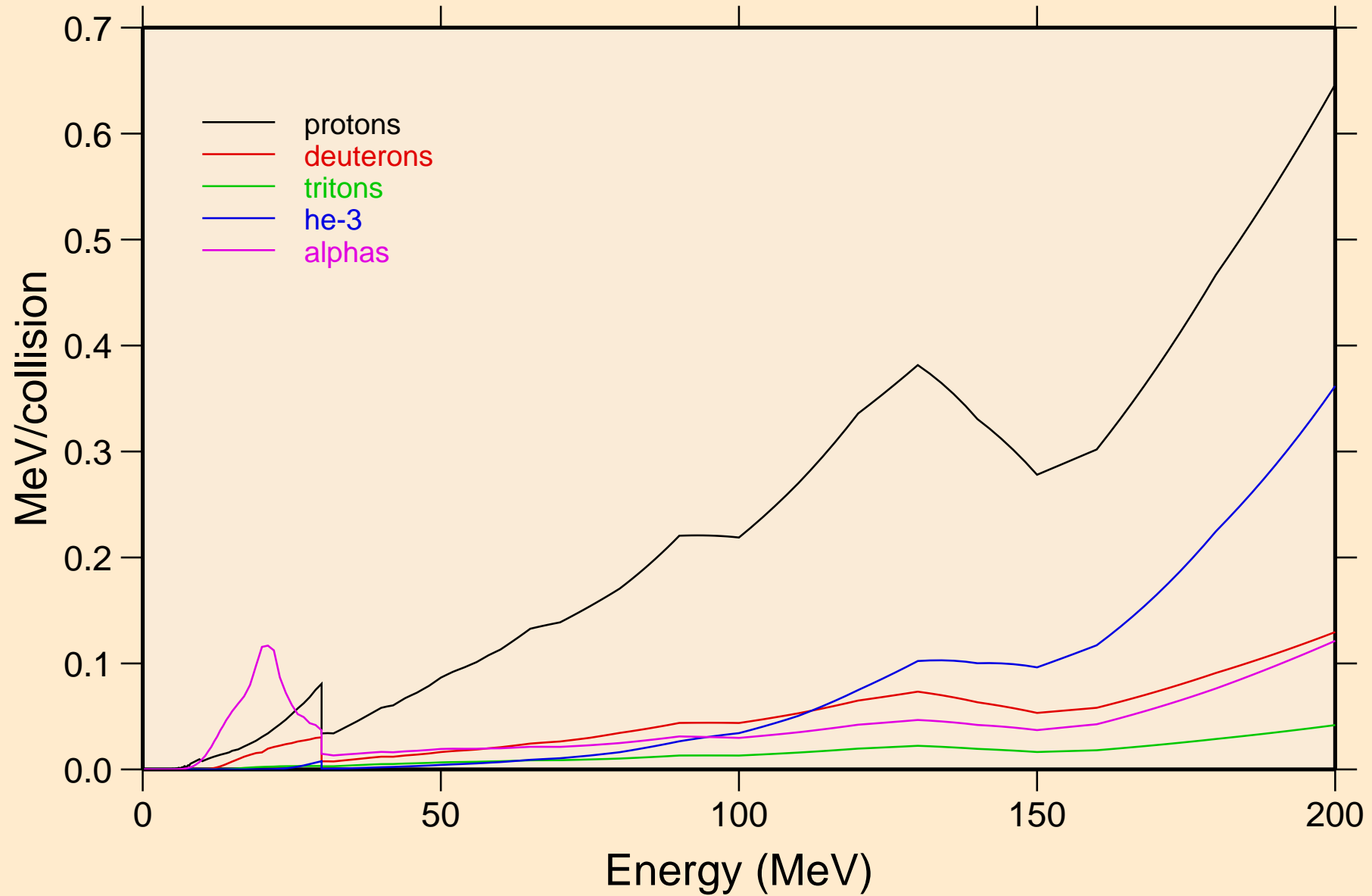
AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum



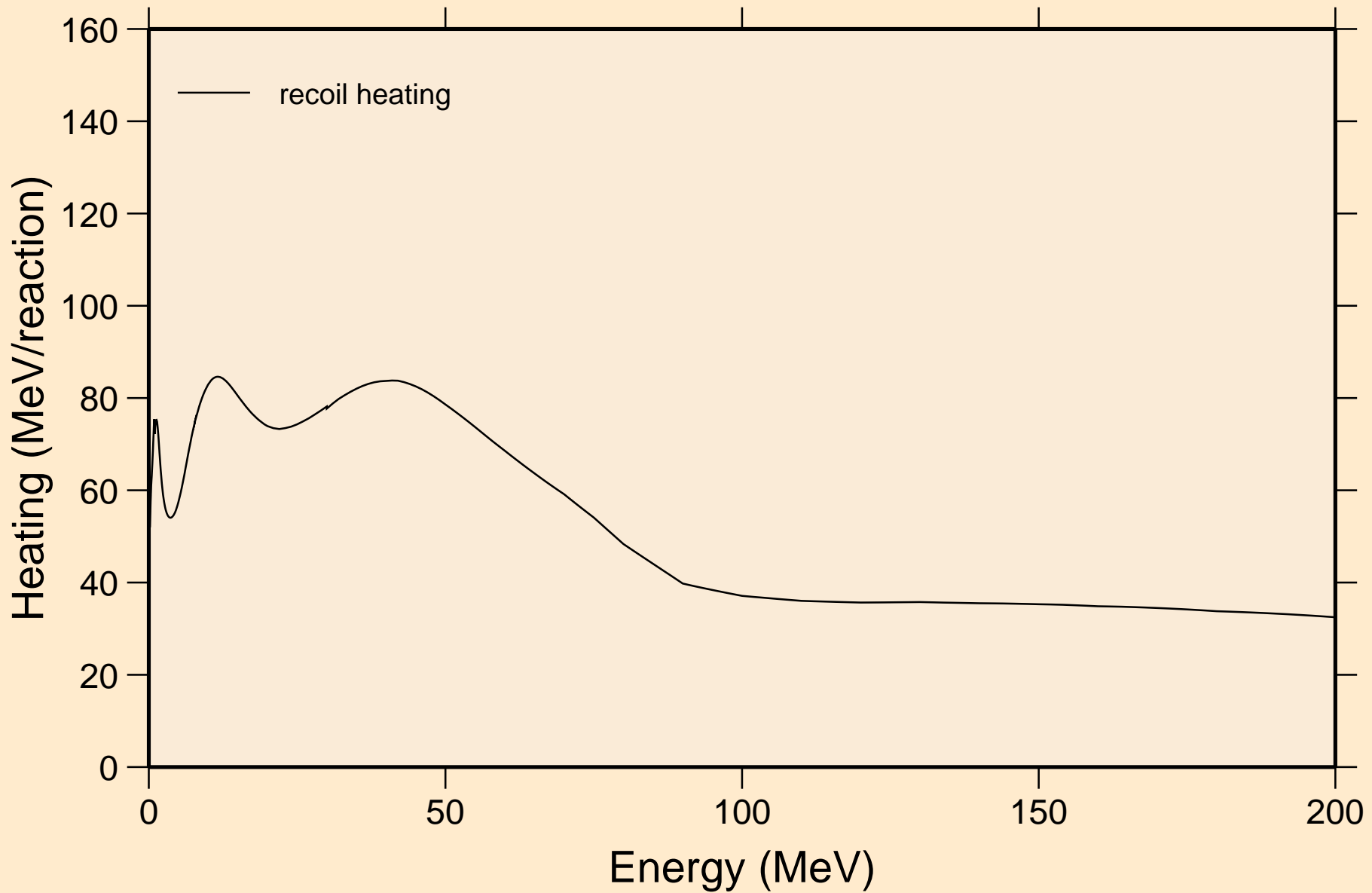


# AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

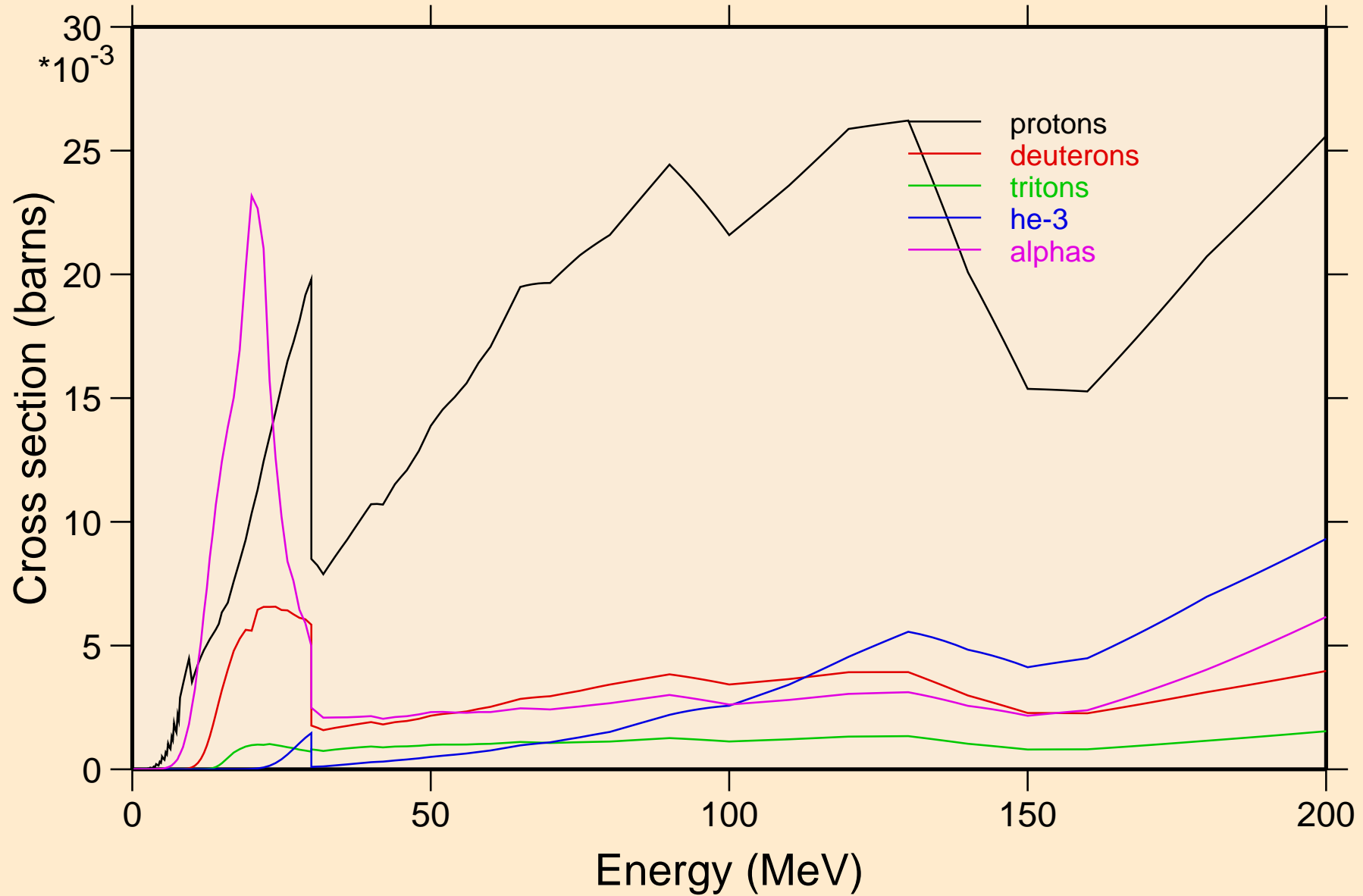
## Particle heating contributions



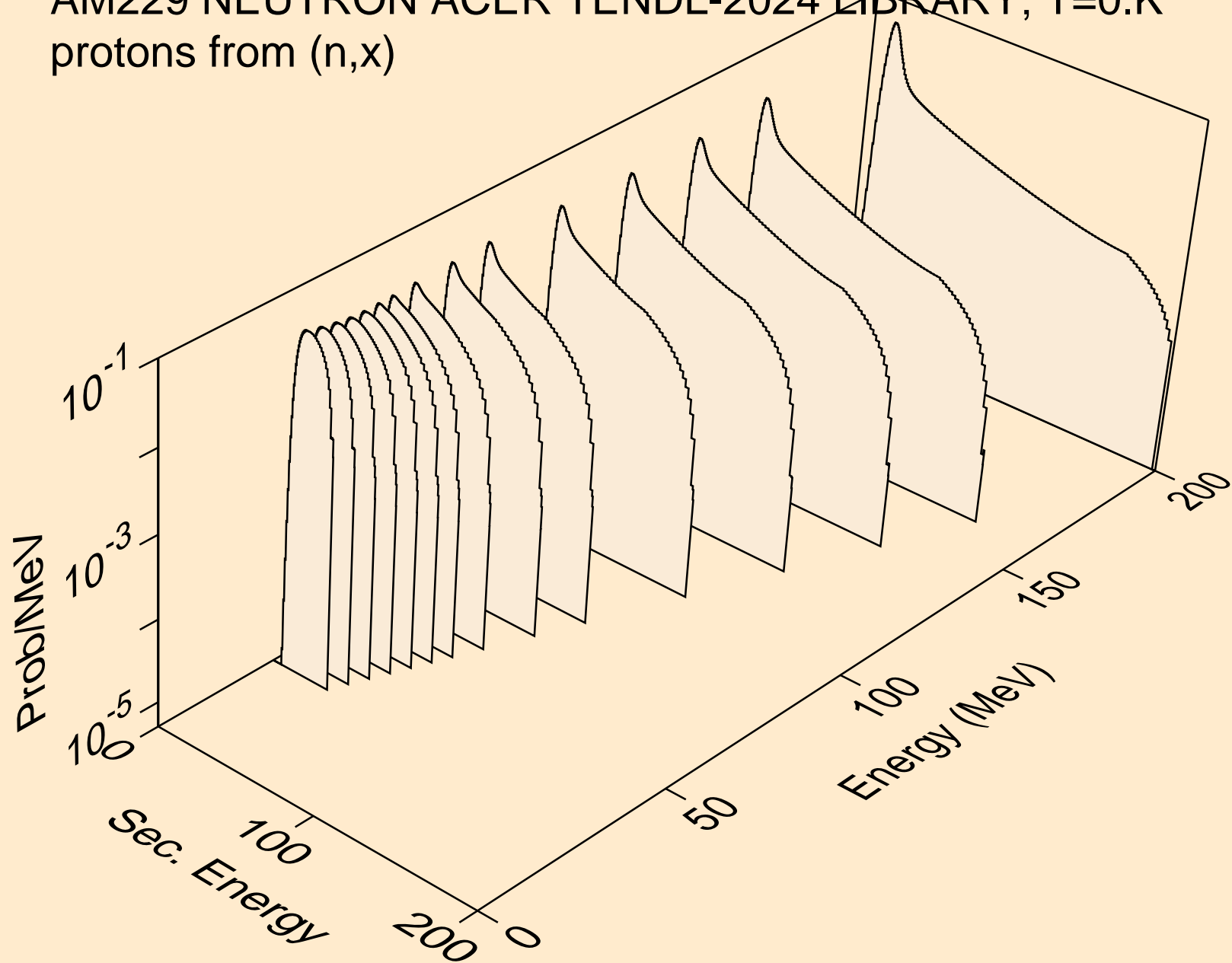
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Recoil Heating



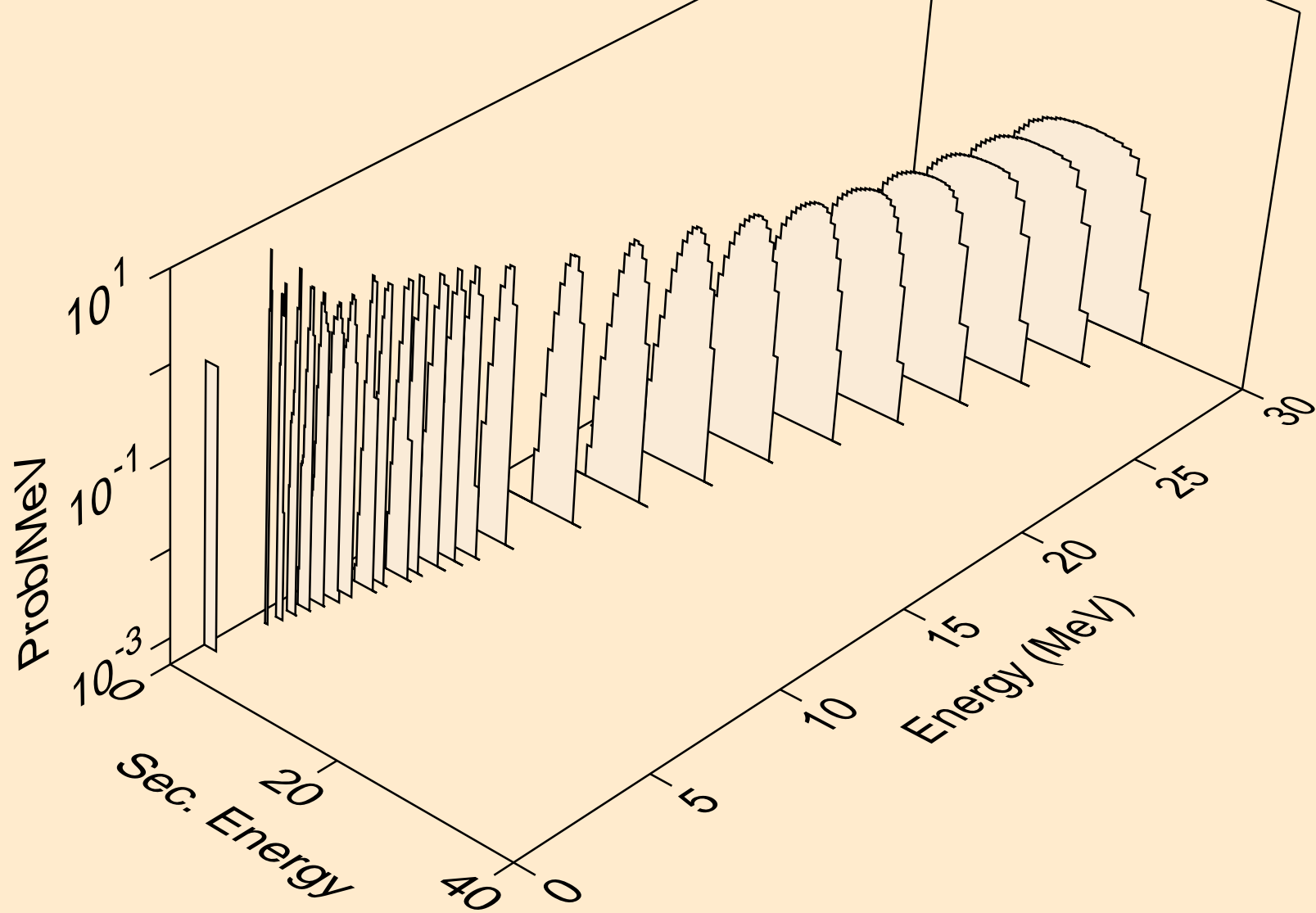
AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



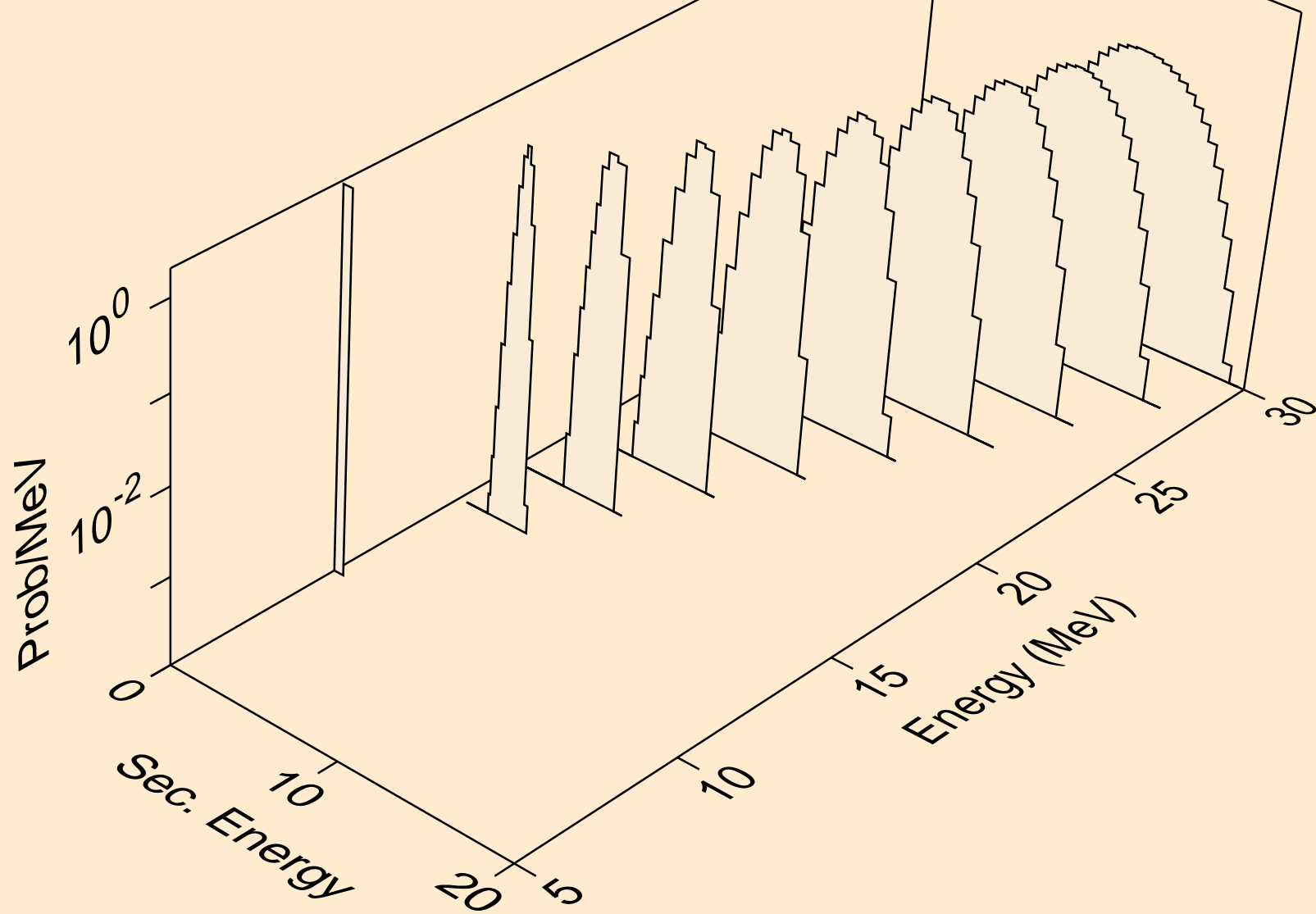
AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



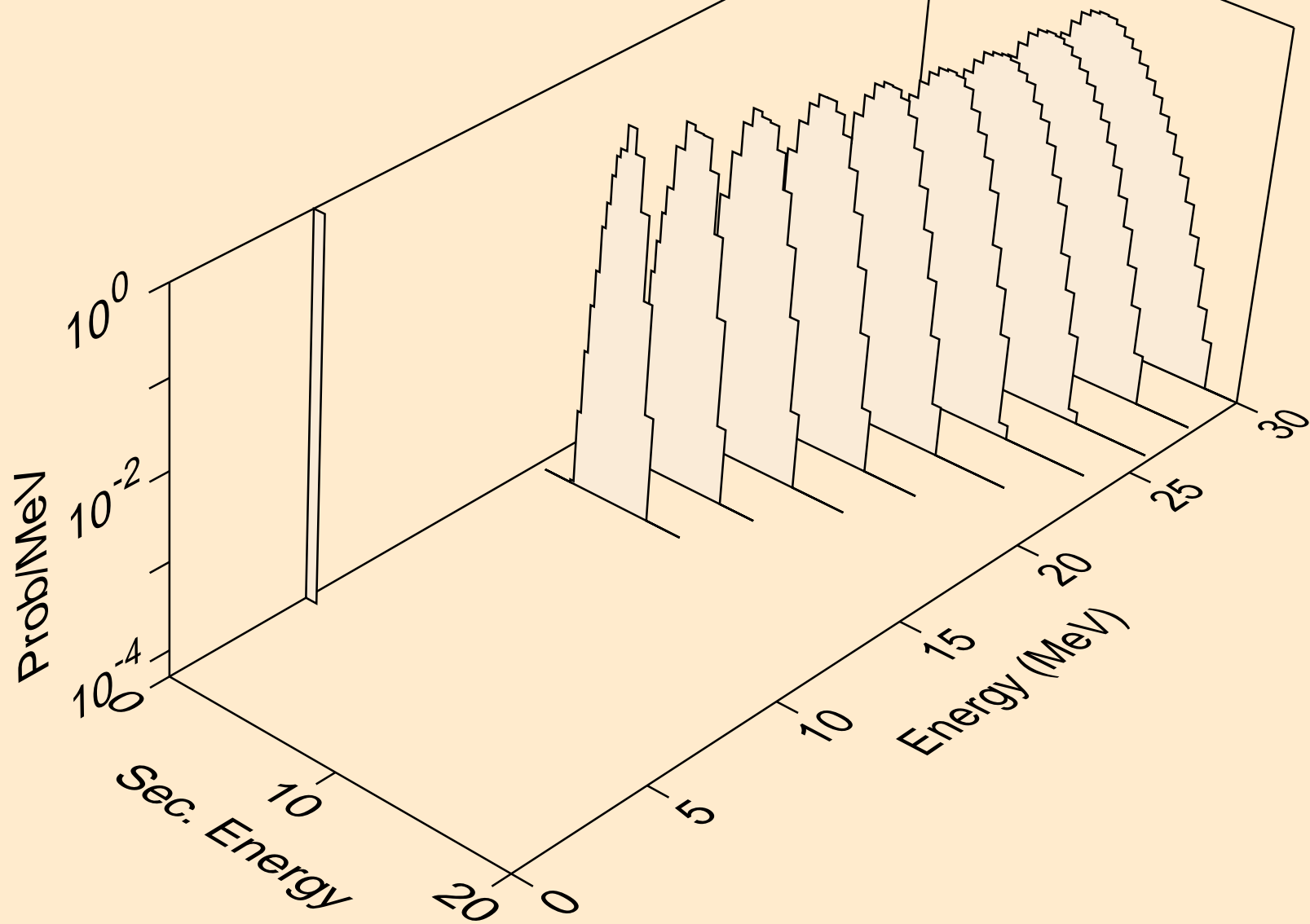
AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



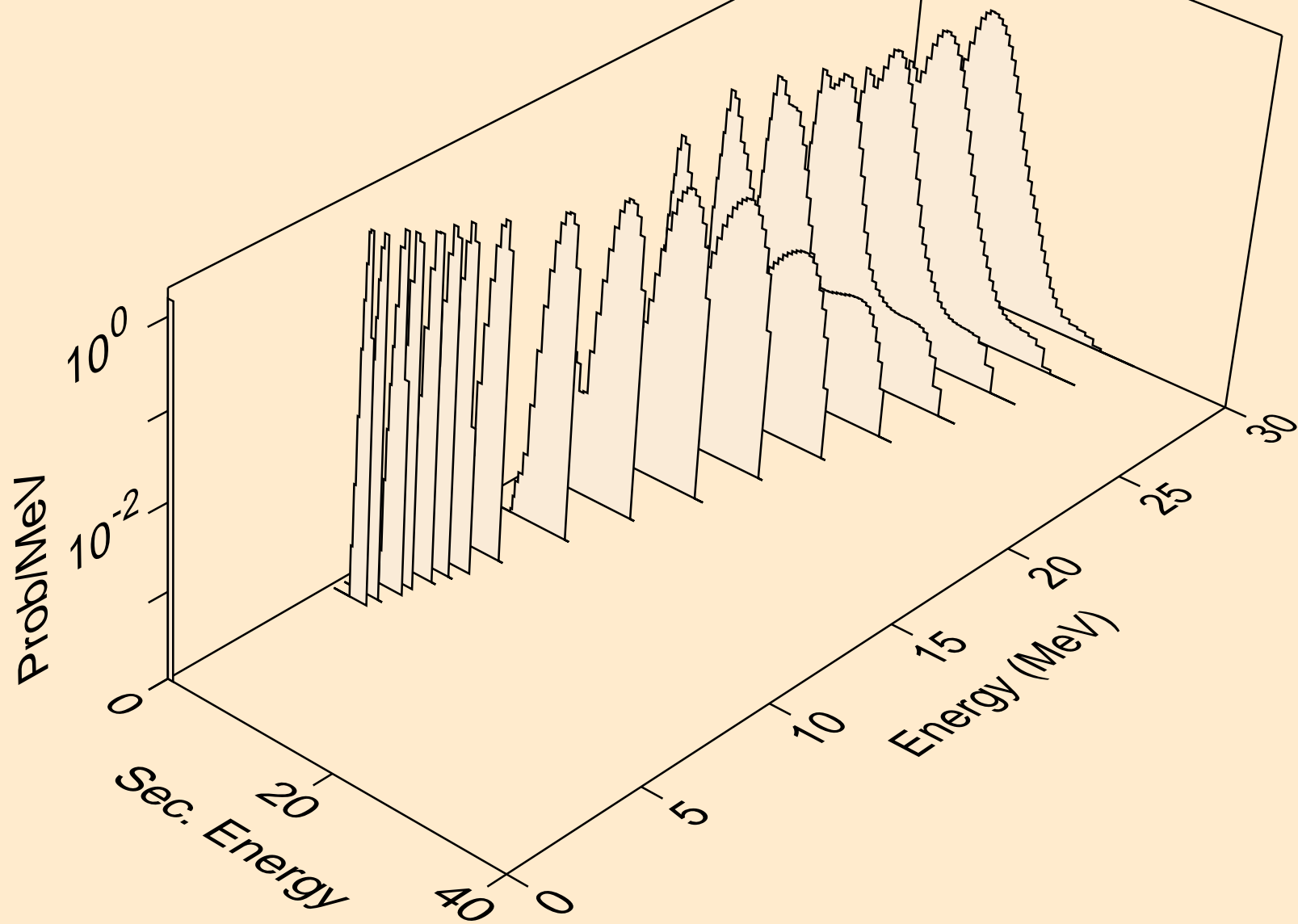
AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)



AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n2p)

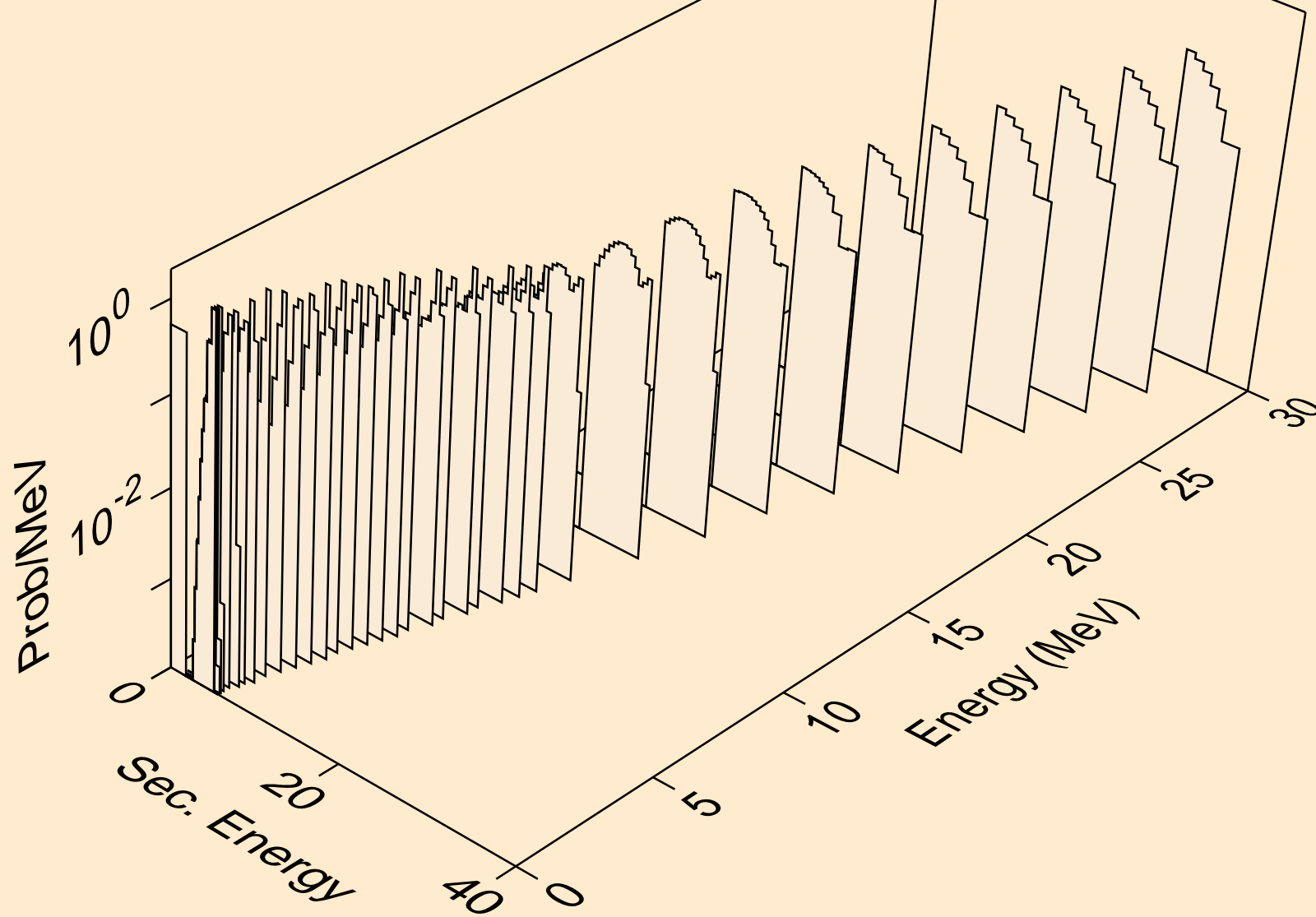


AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,npa)

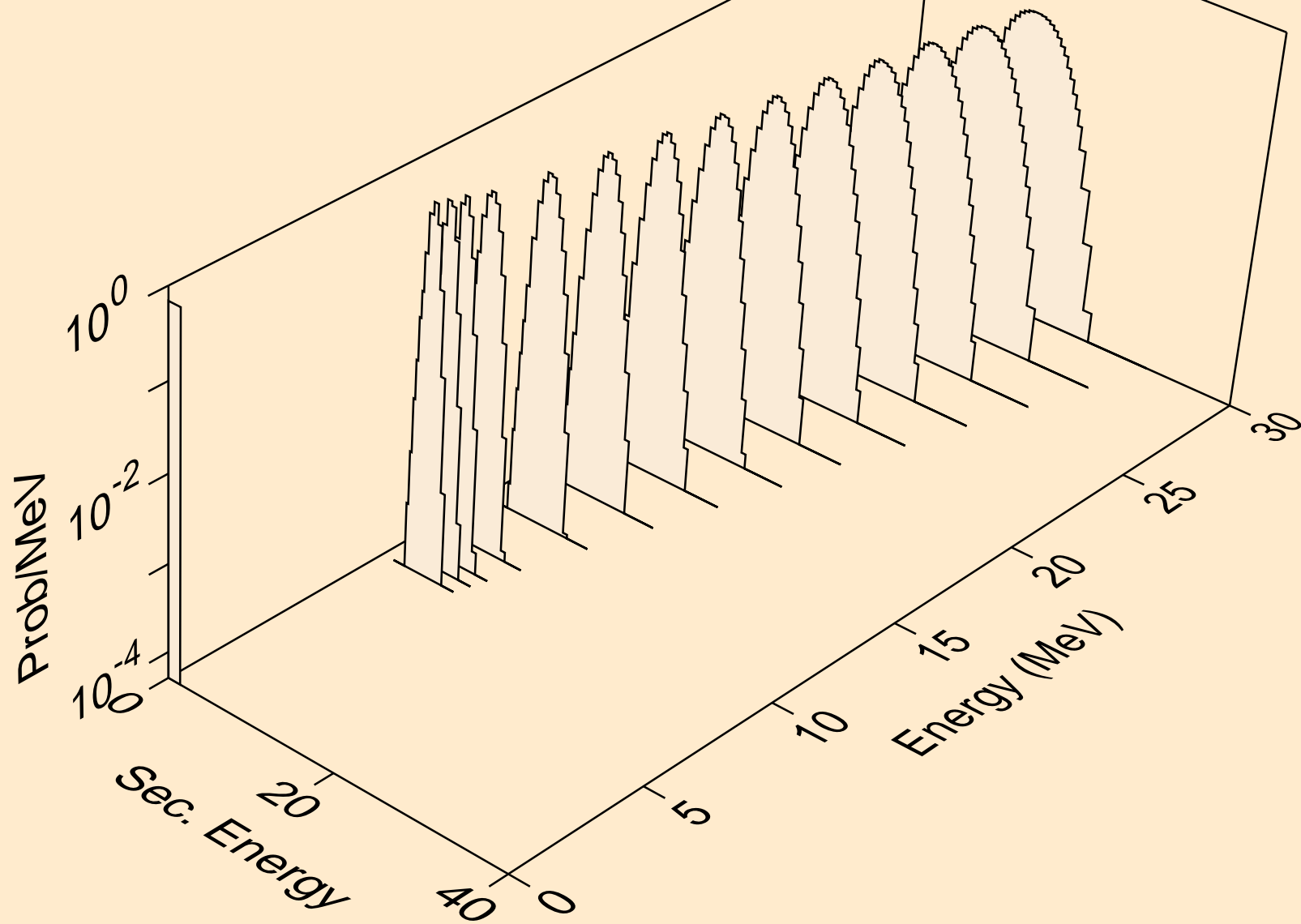




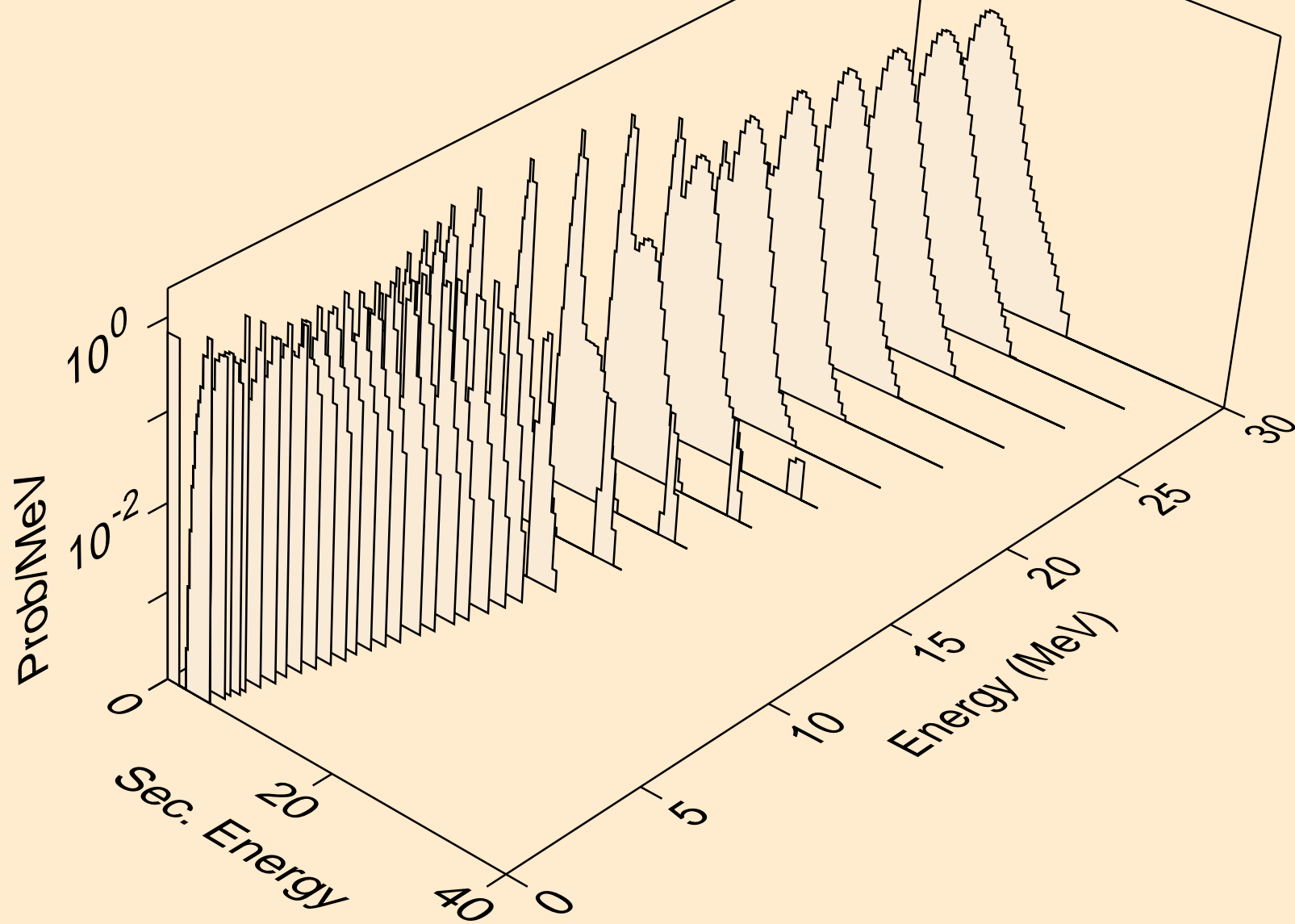
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protons from (n,p)



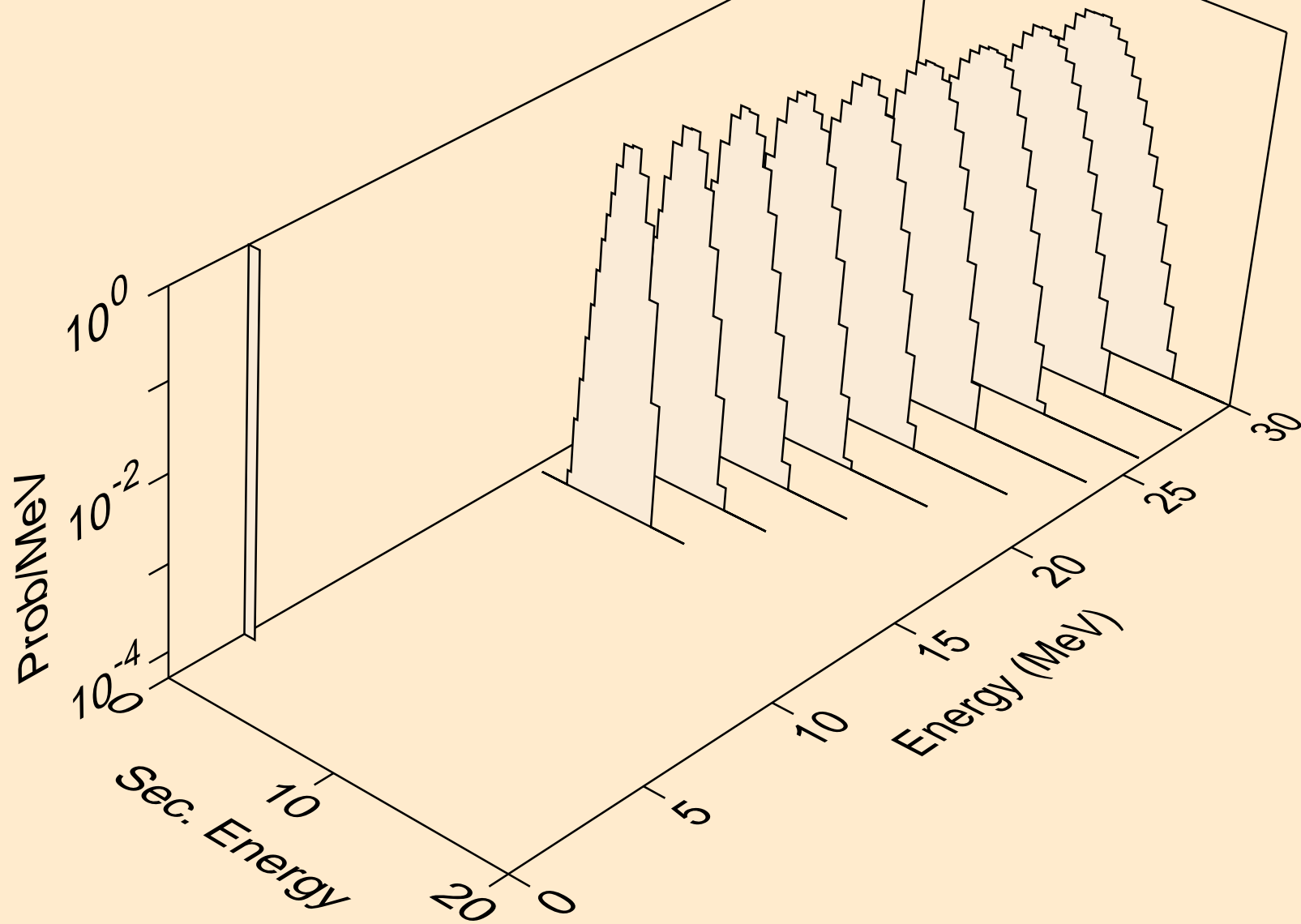
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protons from (n,2p)



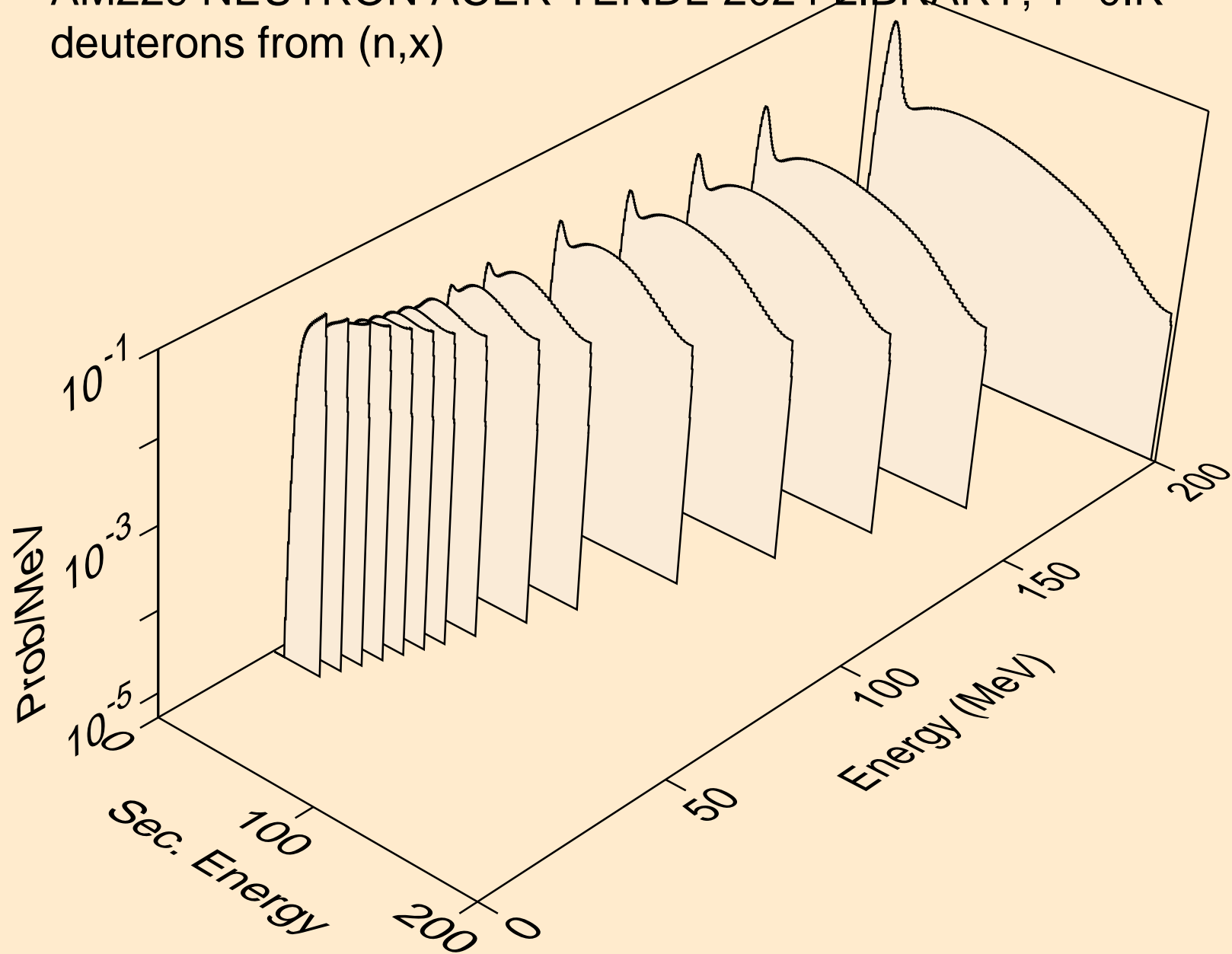
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protons from (n,p)



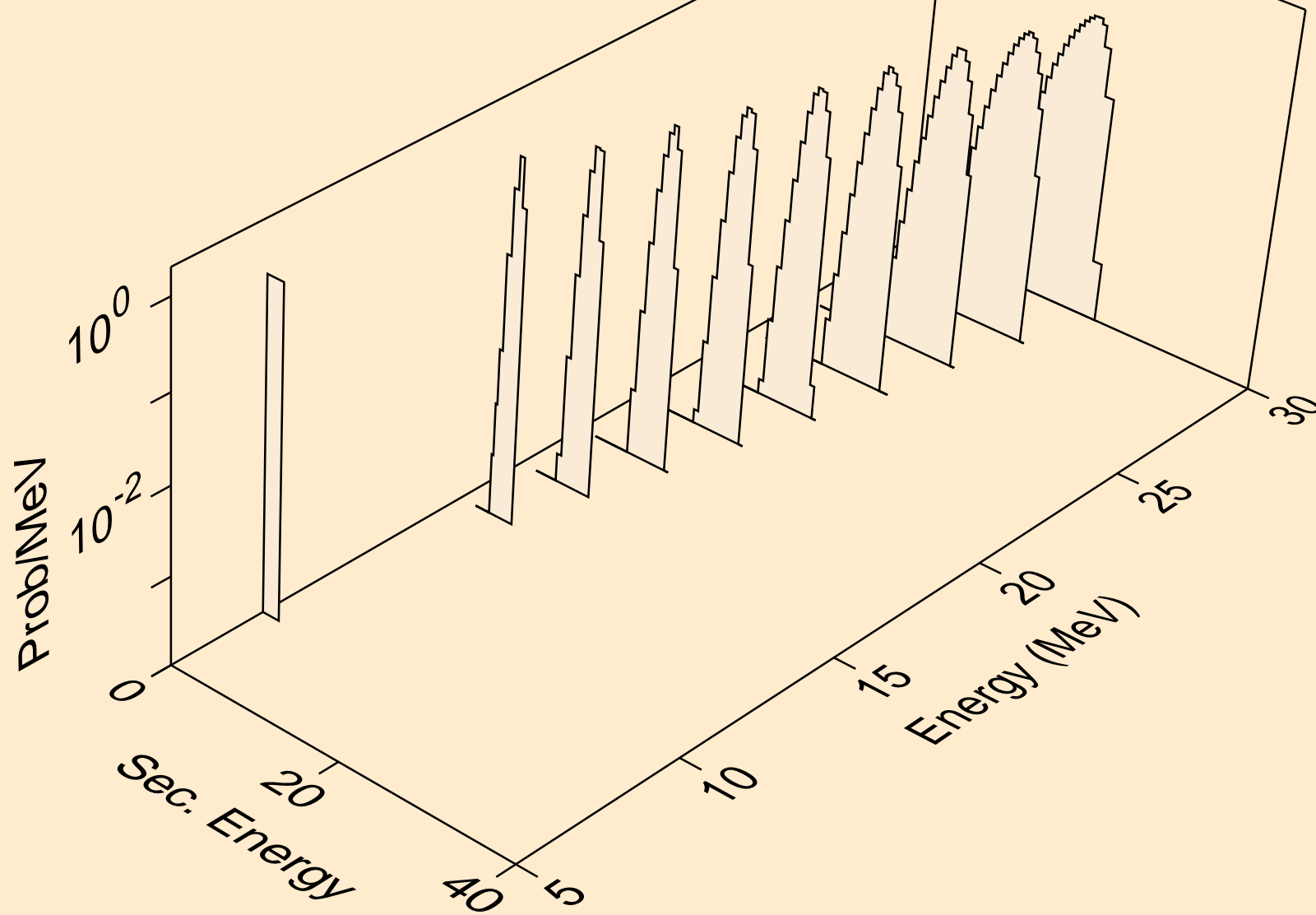
AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pd)



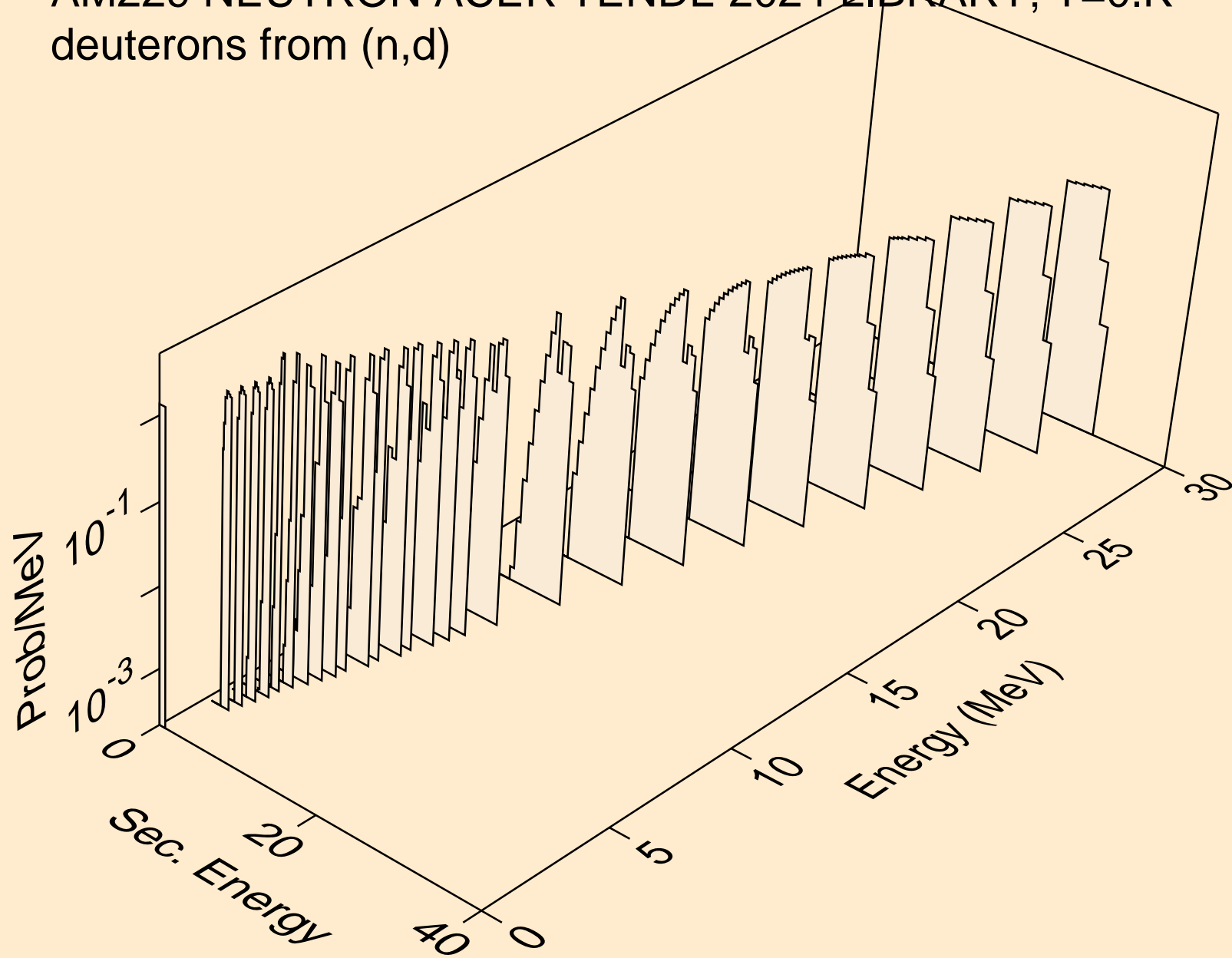
AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)



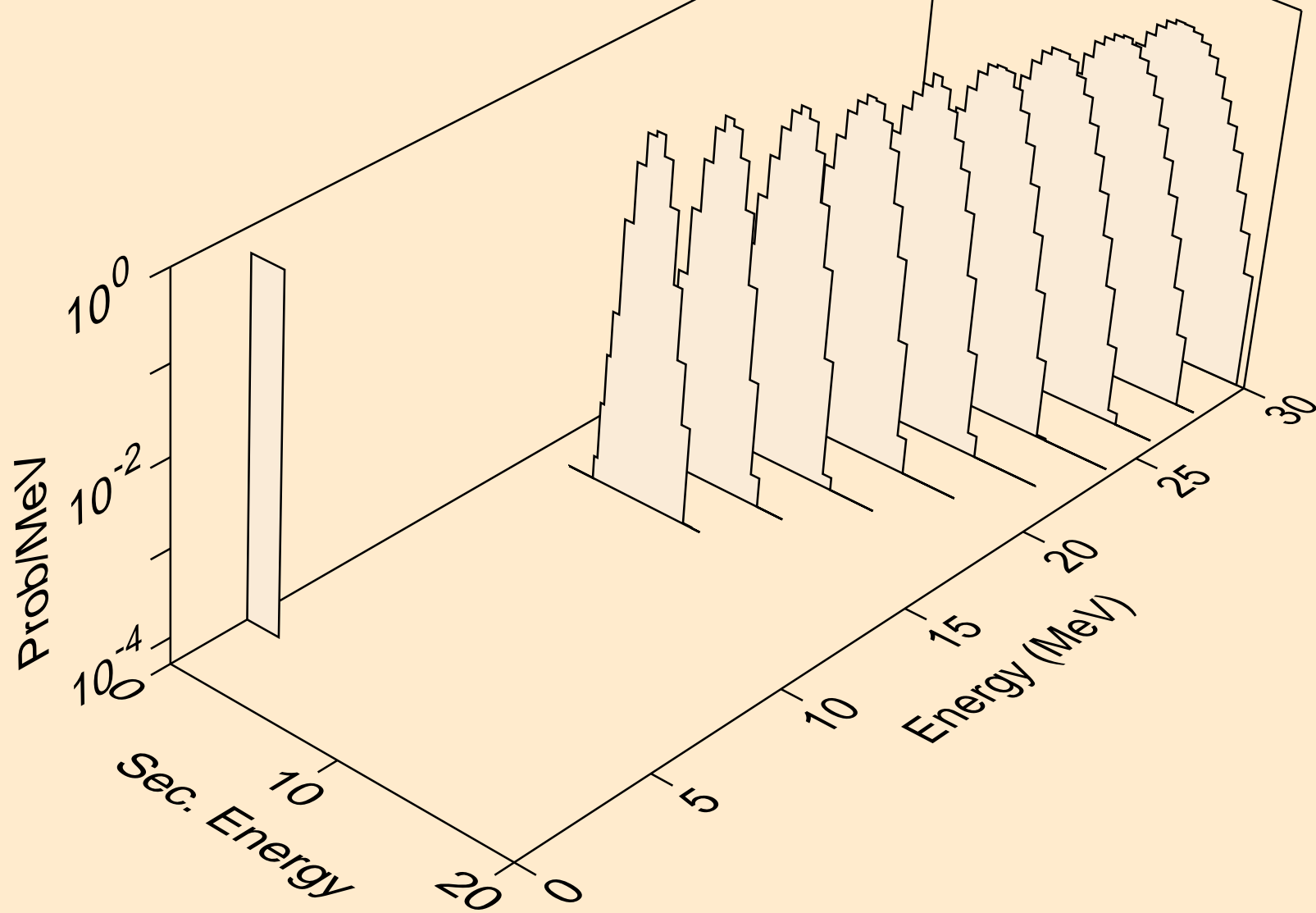
AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d



AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,d)

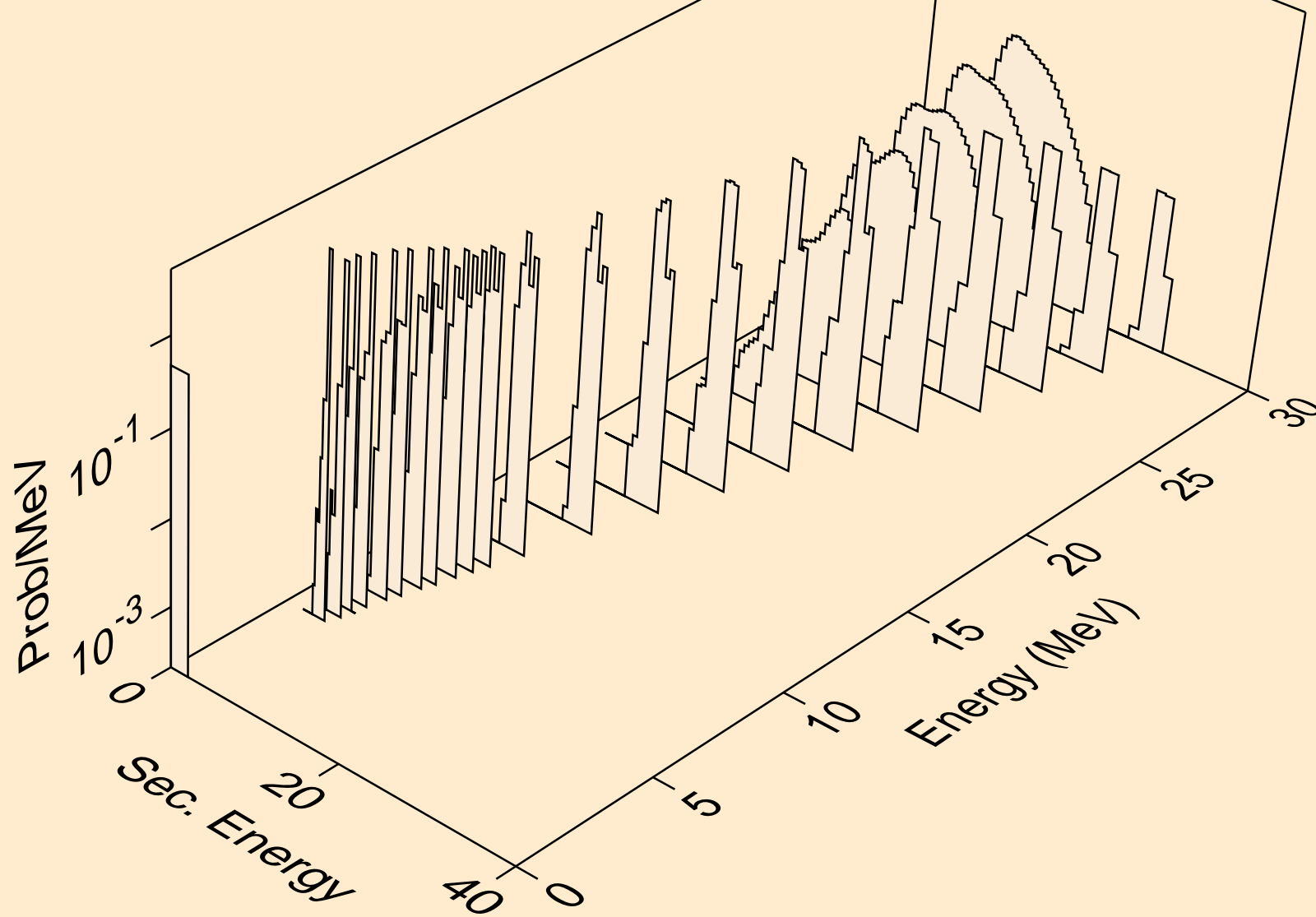


AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,pd)

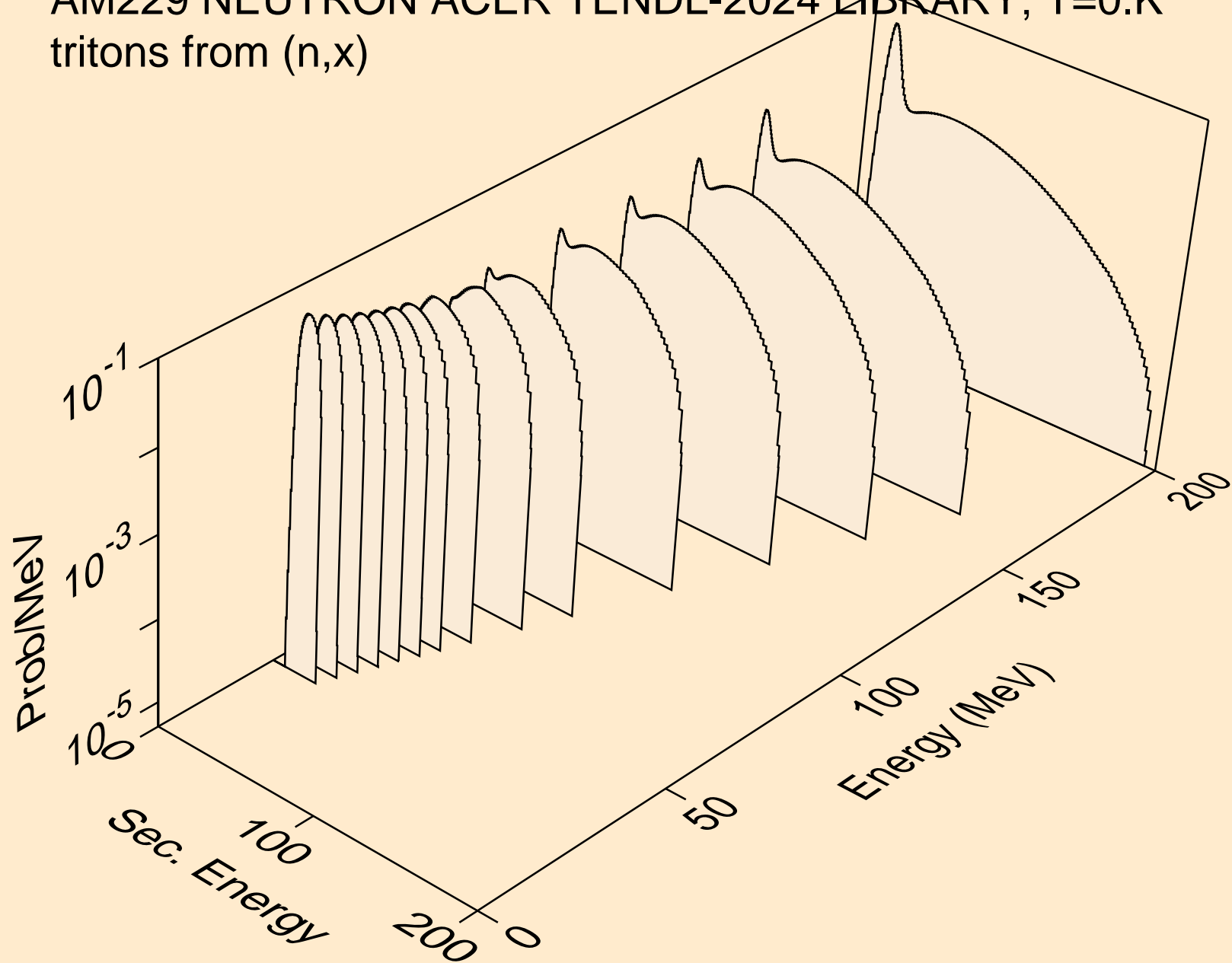




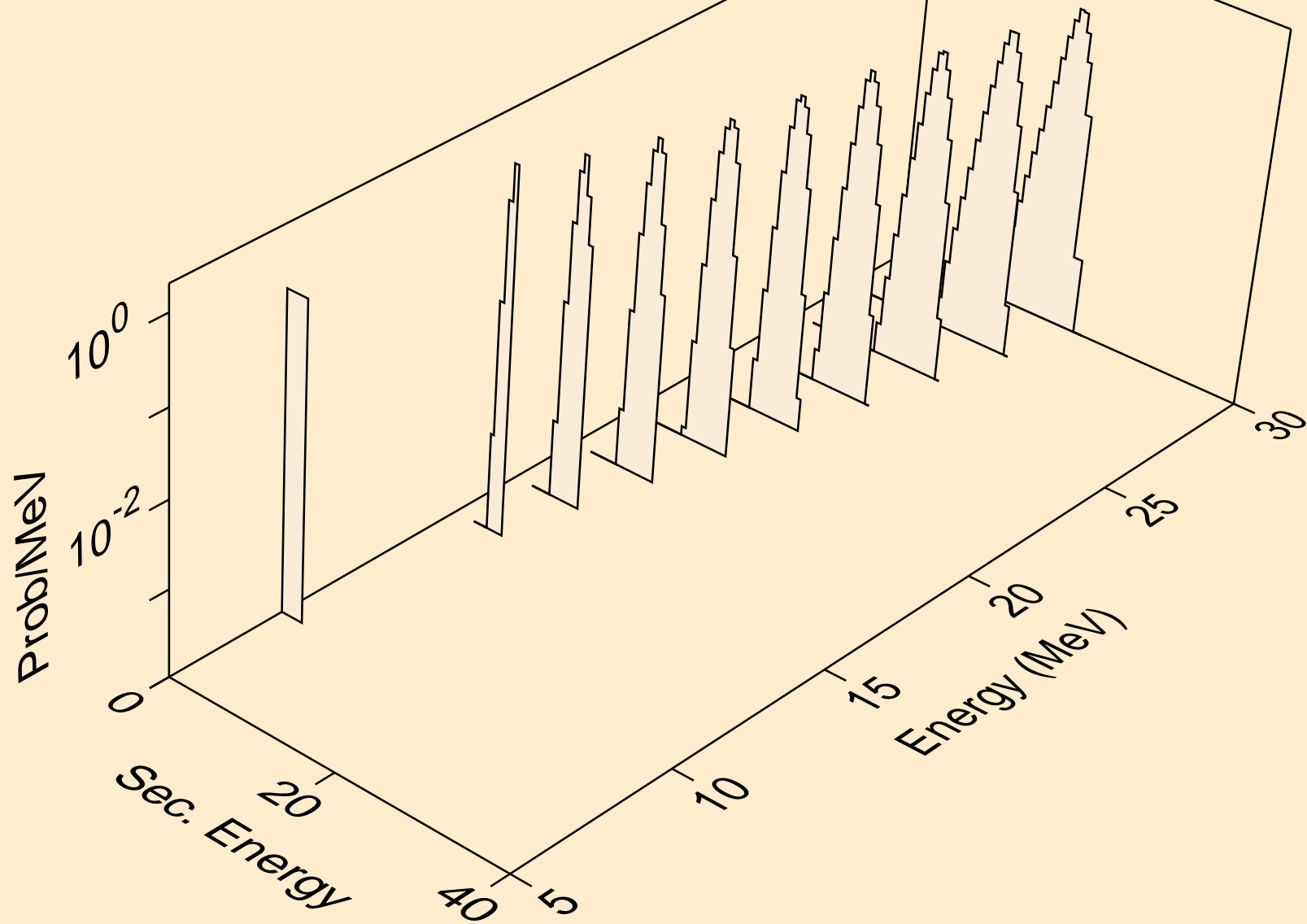
AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,da)



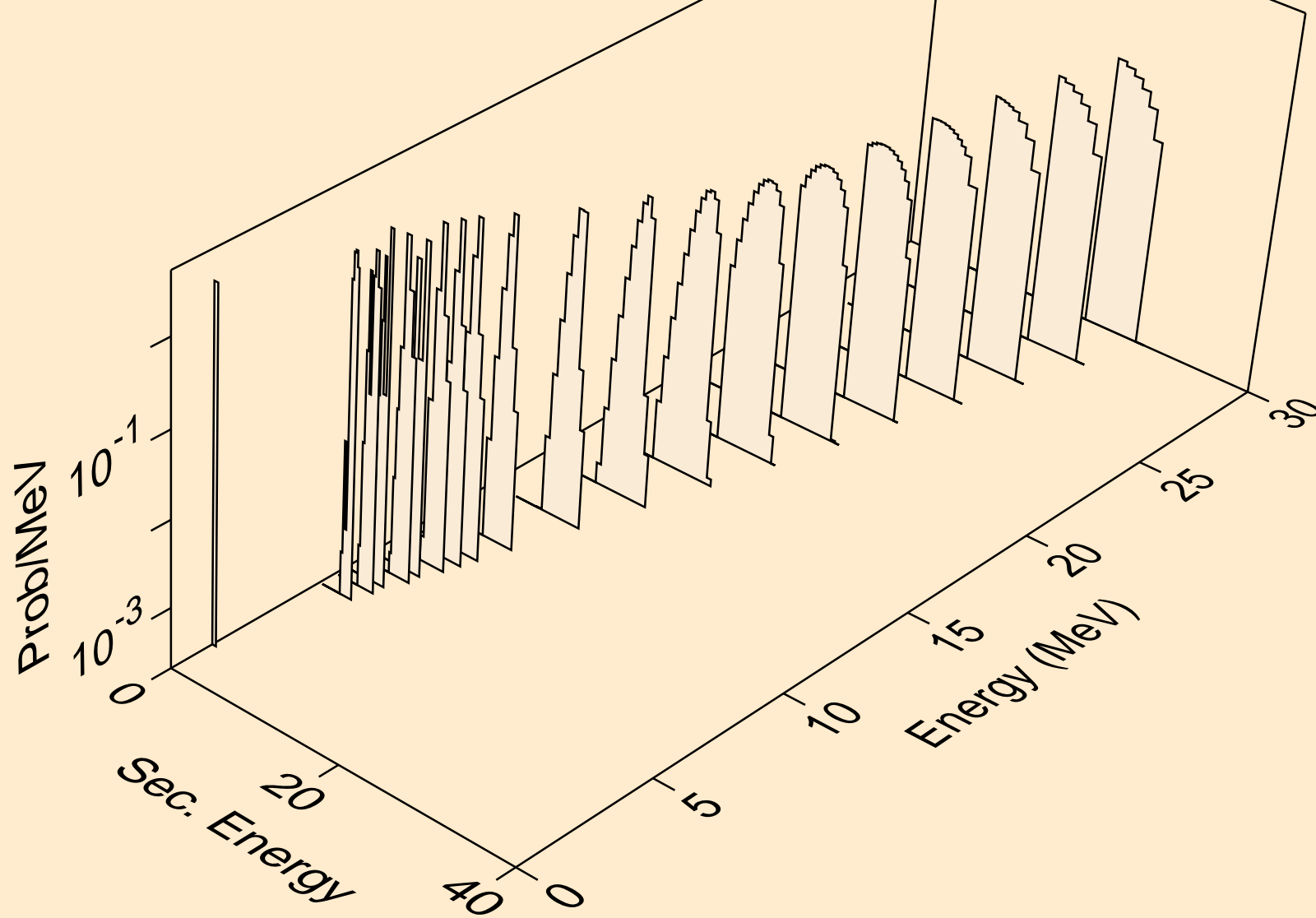
AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)



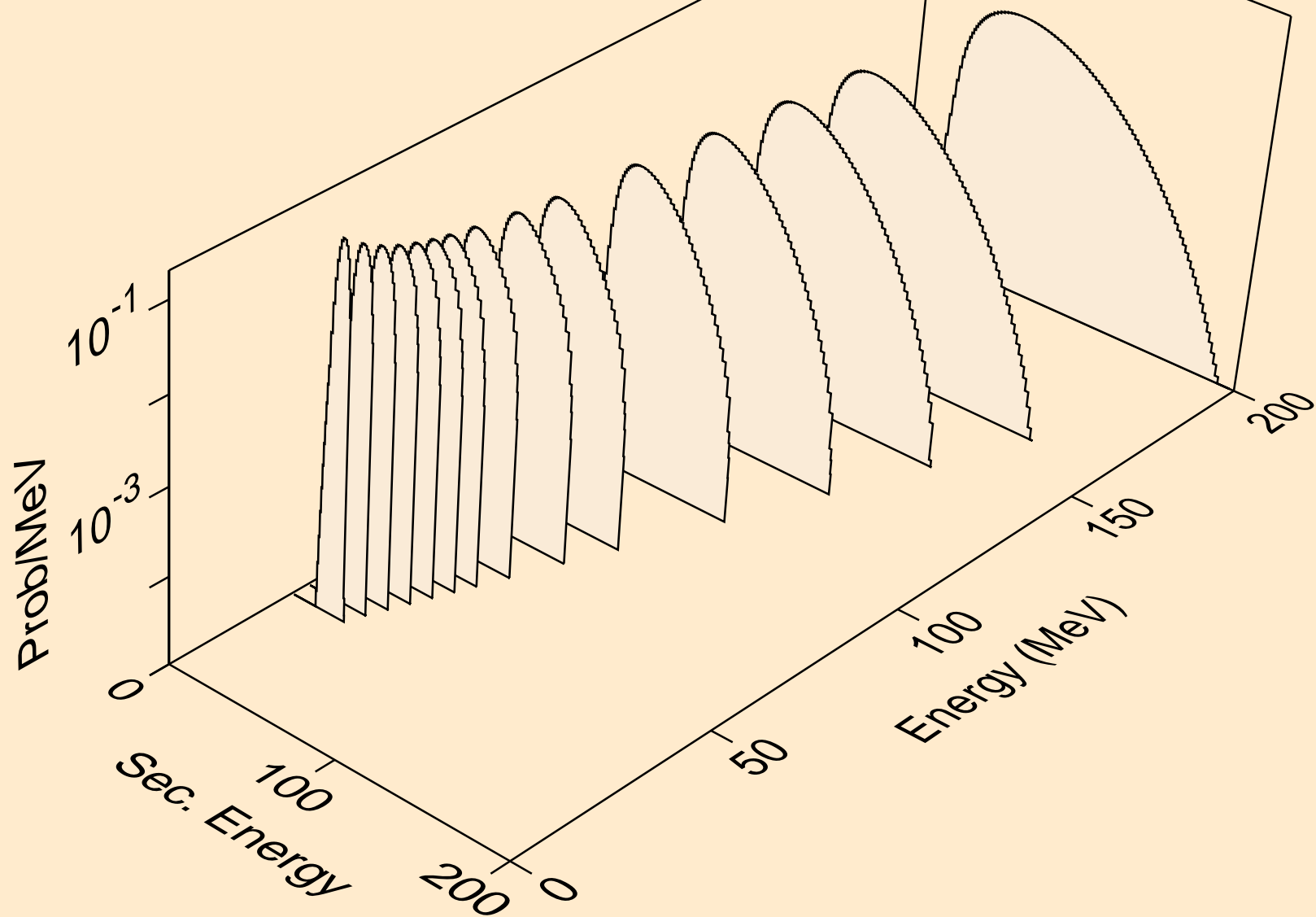
AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



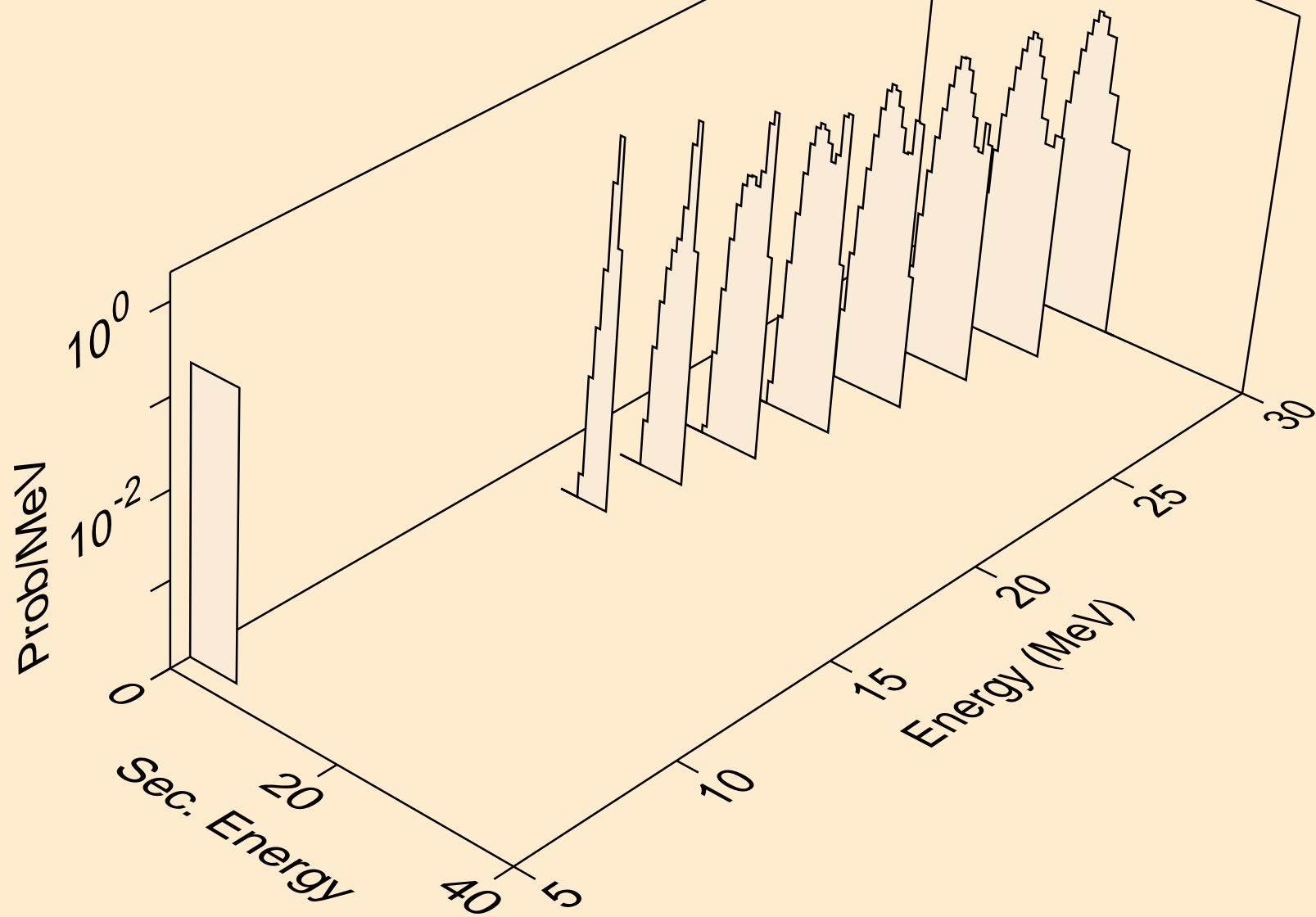
AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)



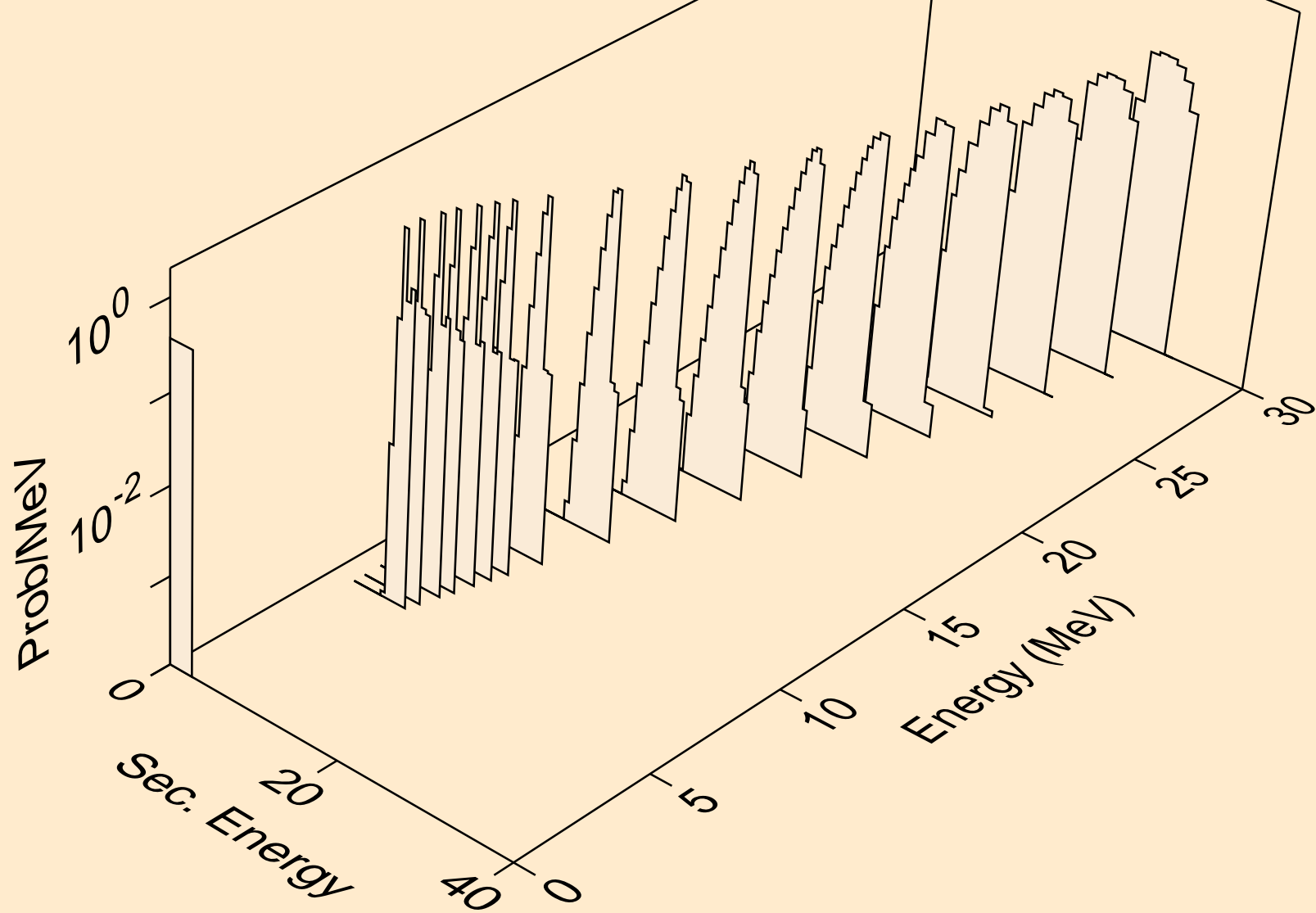
AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



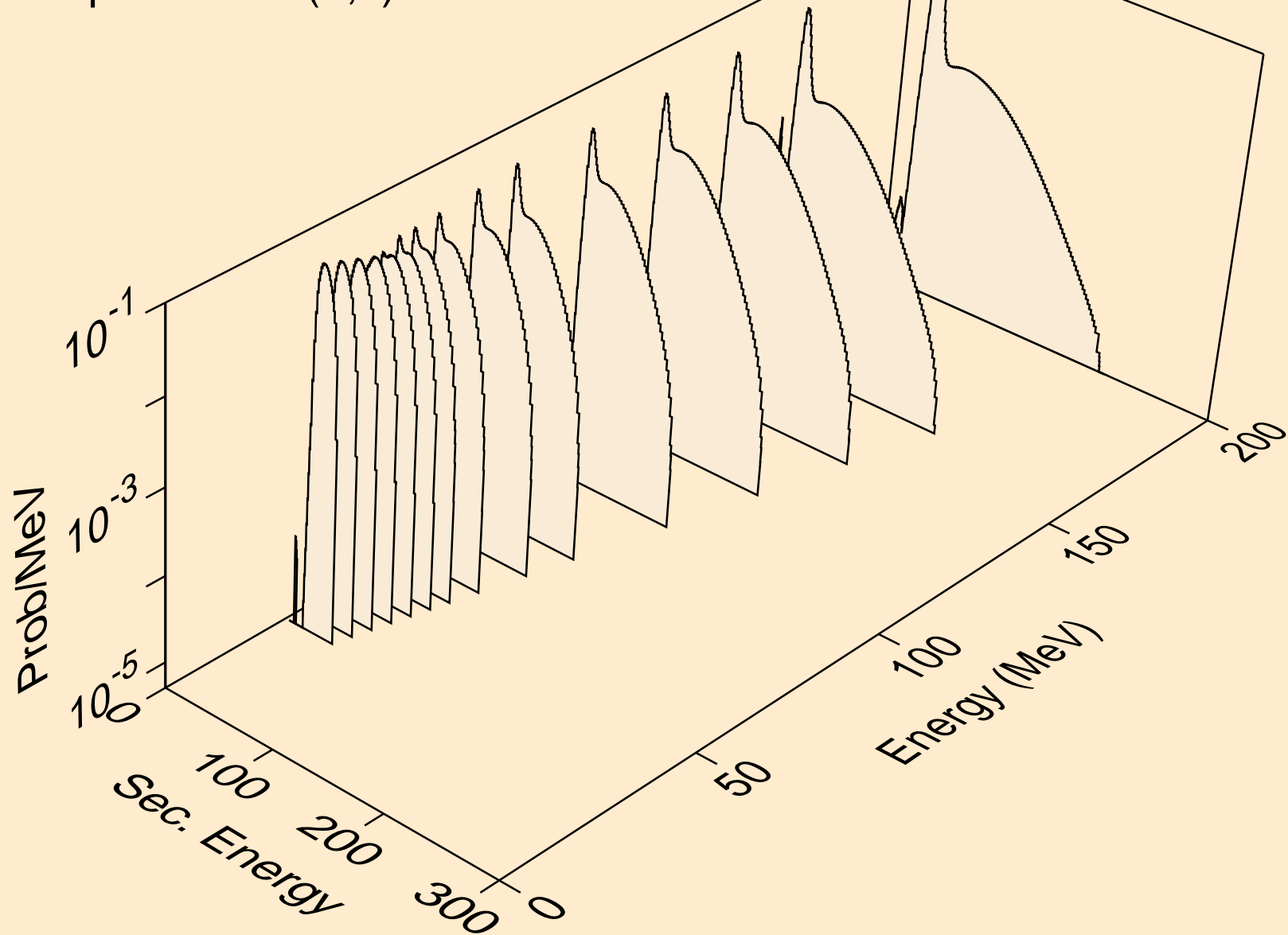
AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)

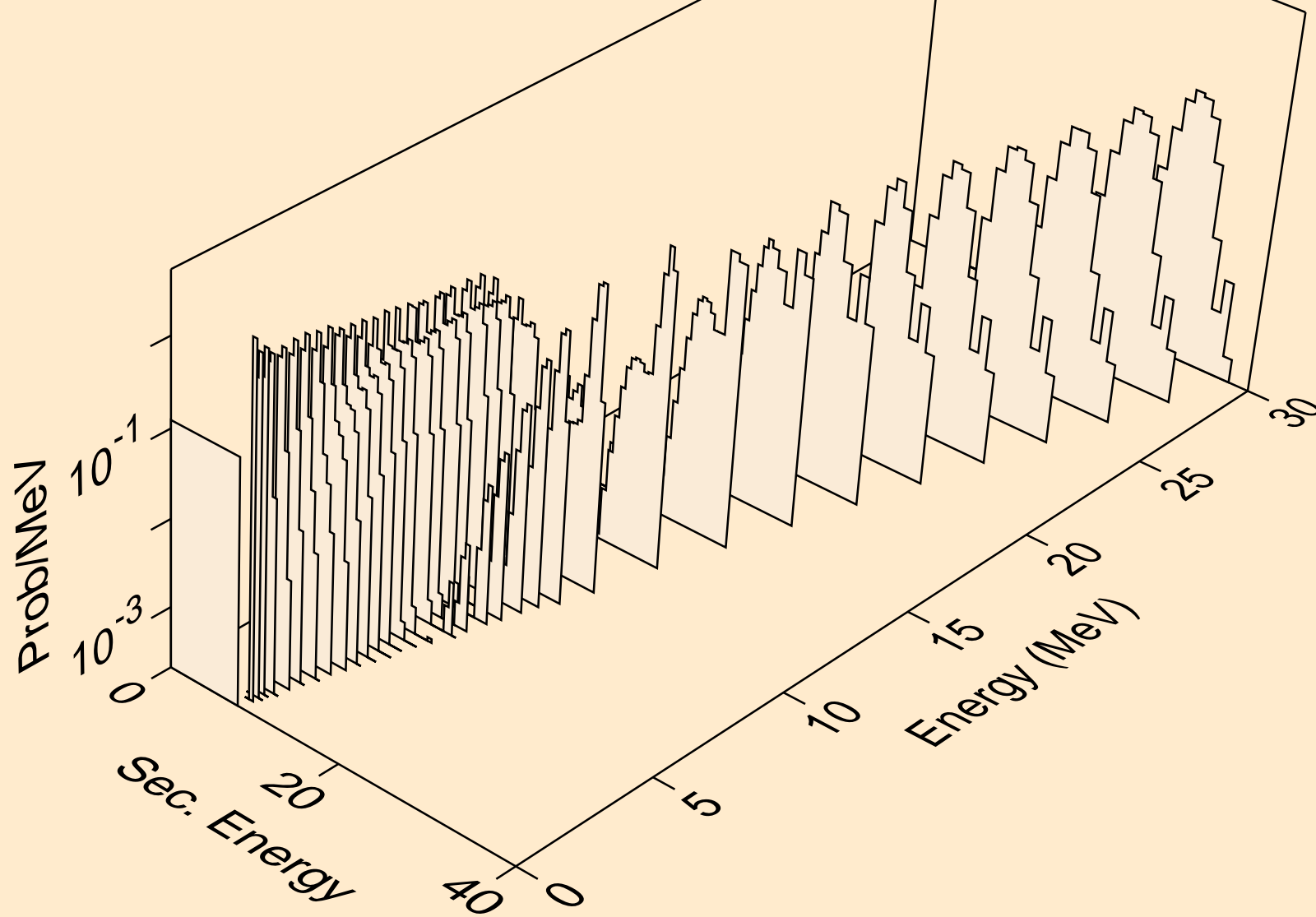


AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)

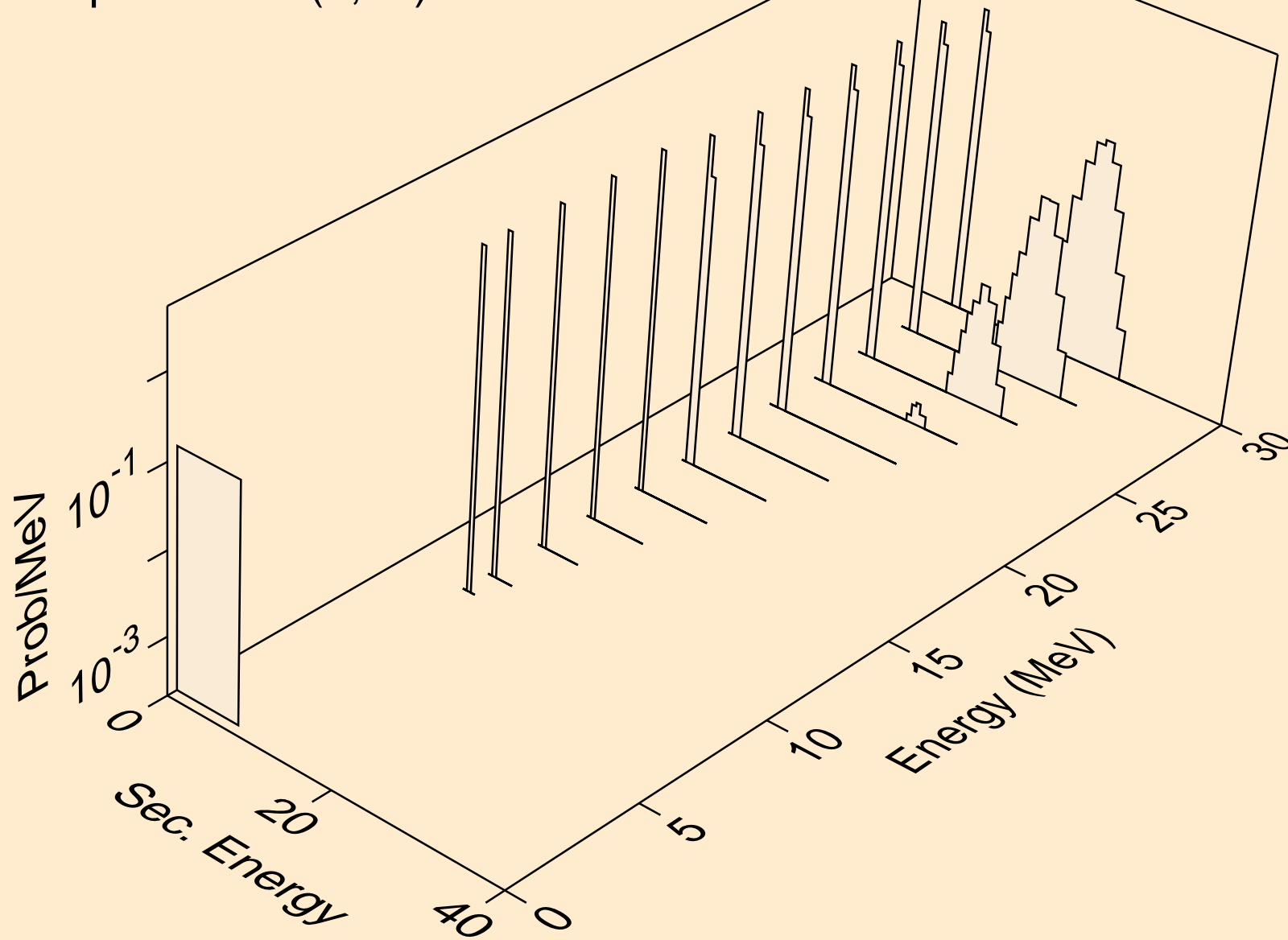




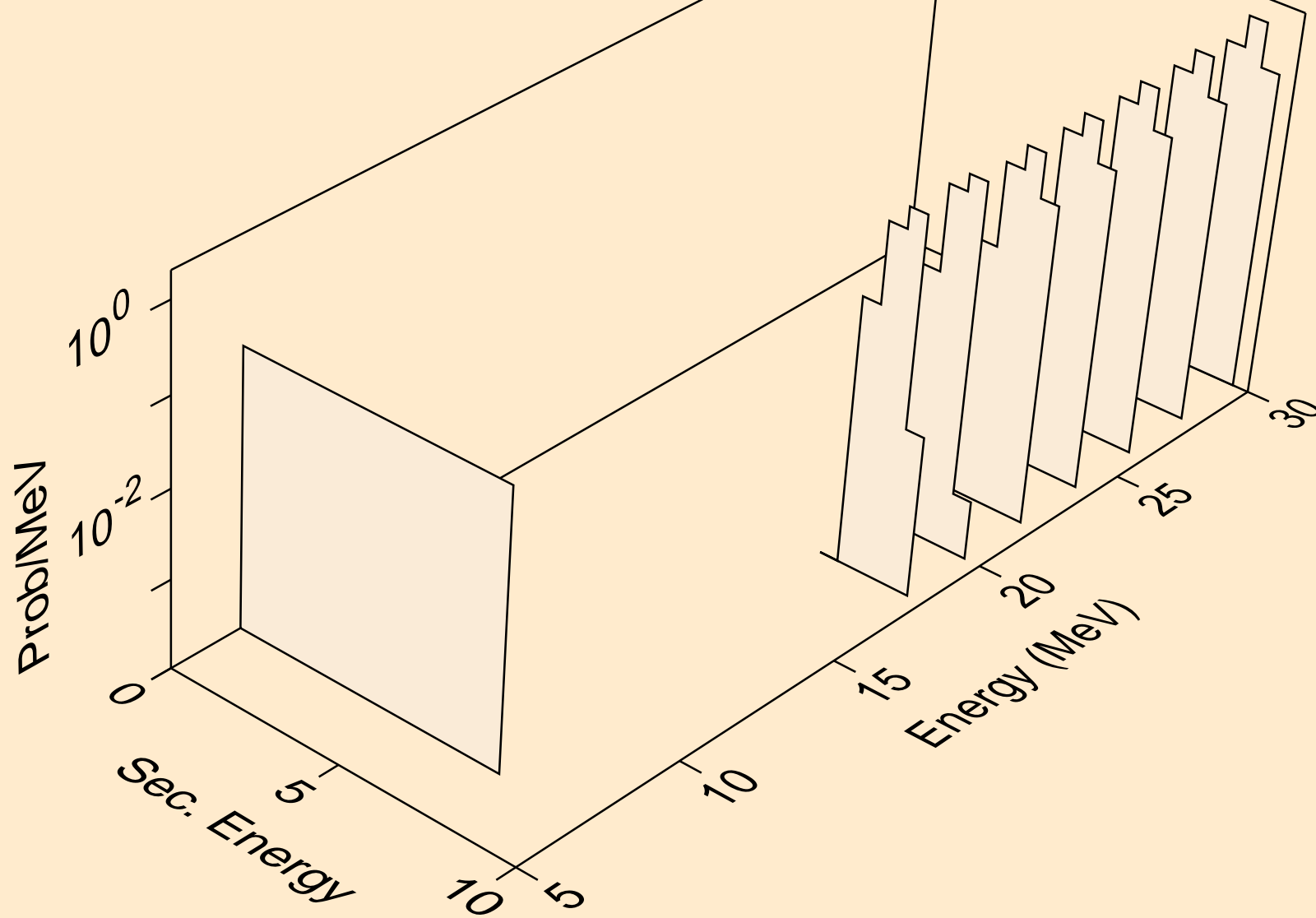
AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



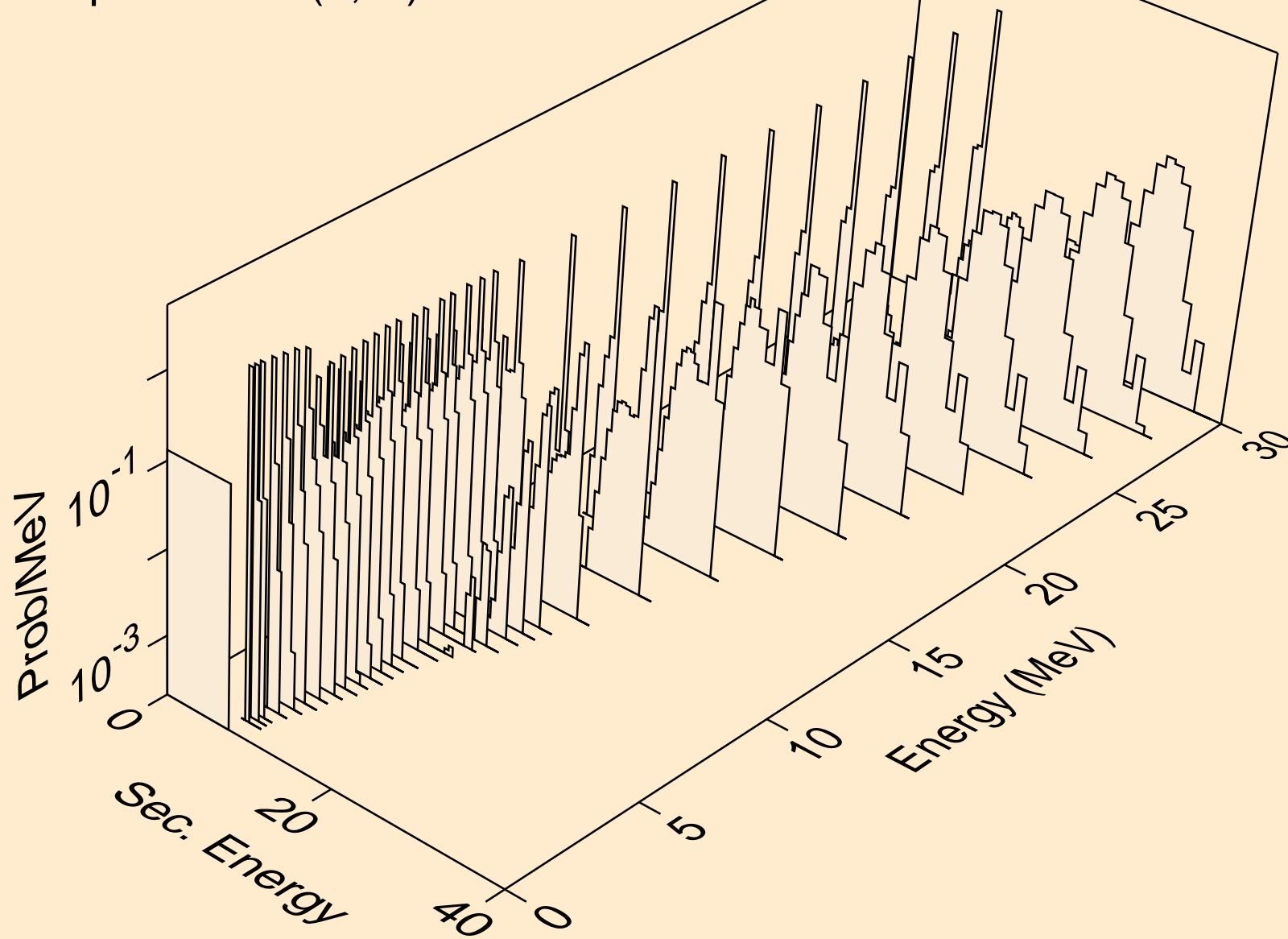
AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



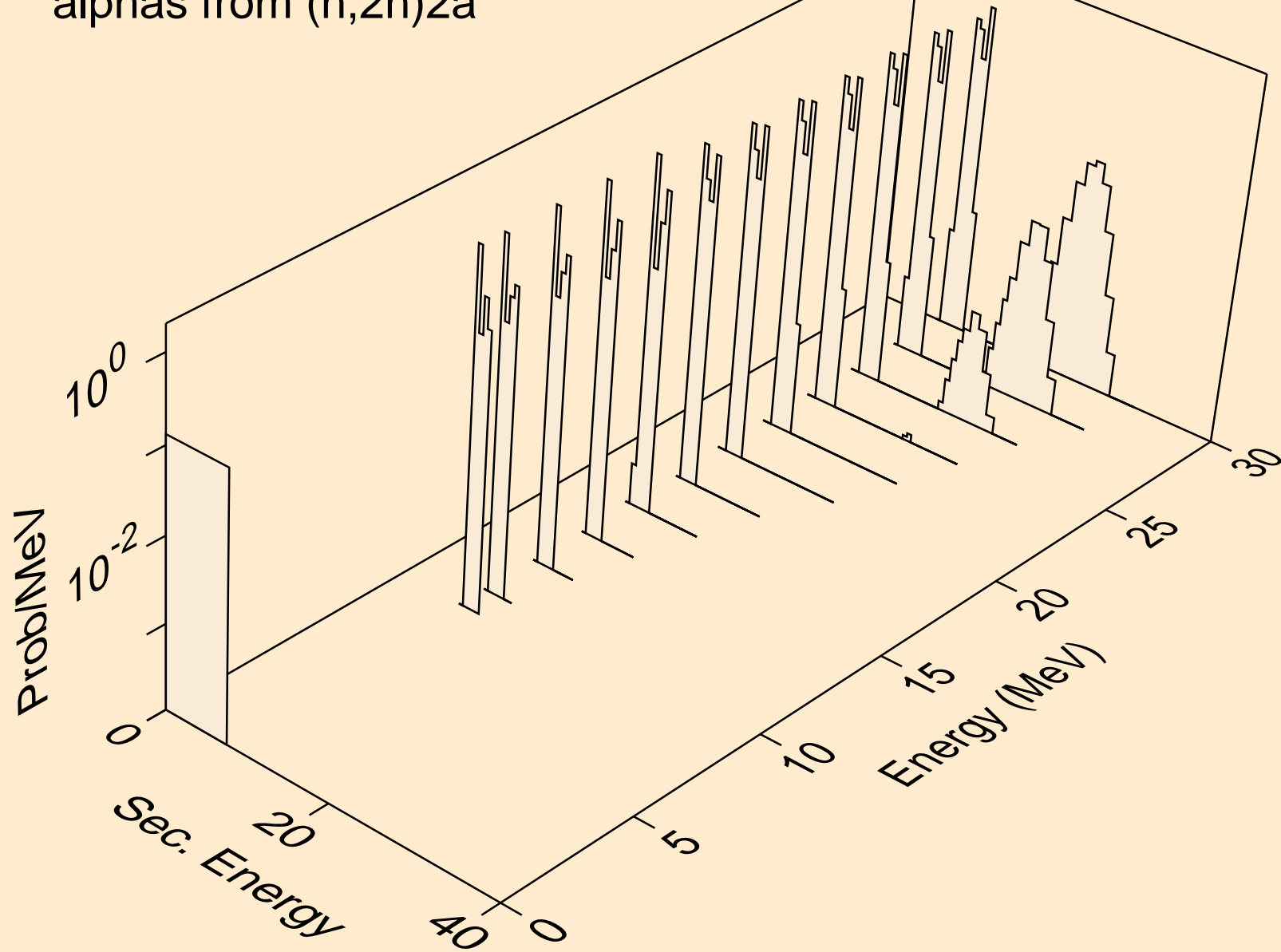
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alphas from (n,3n)a



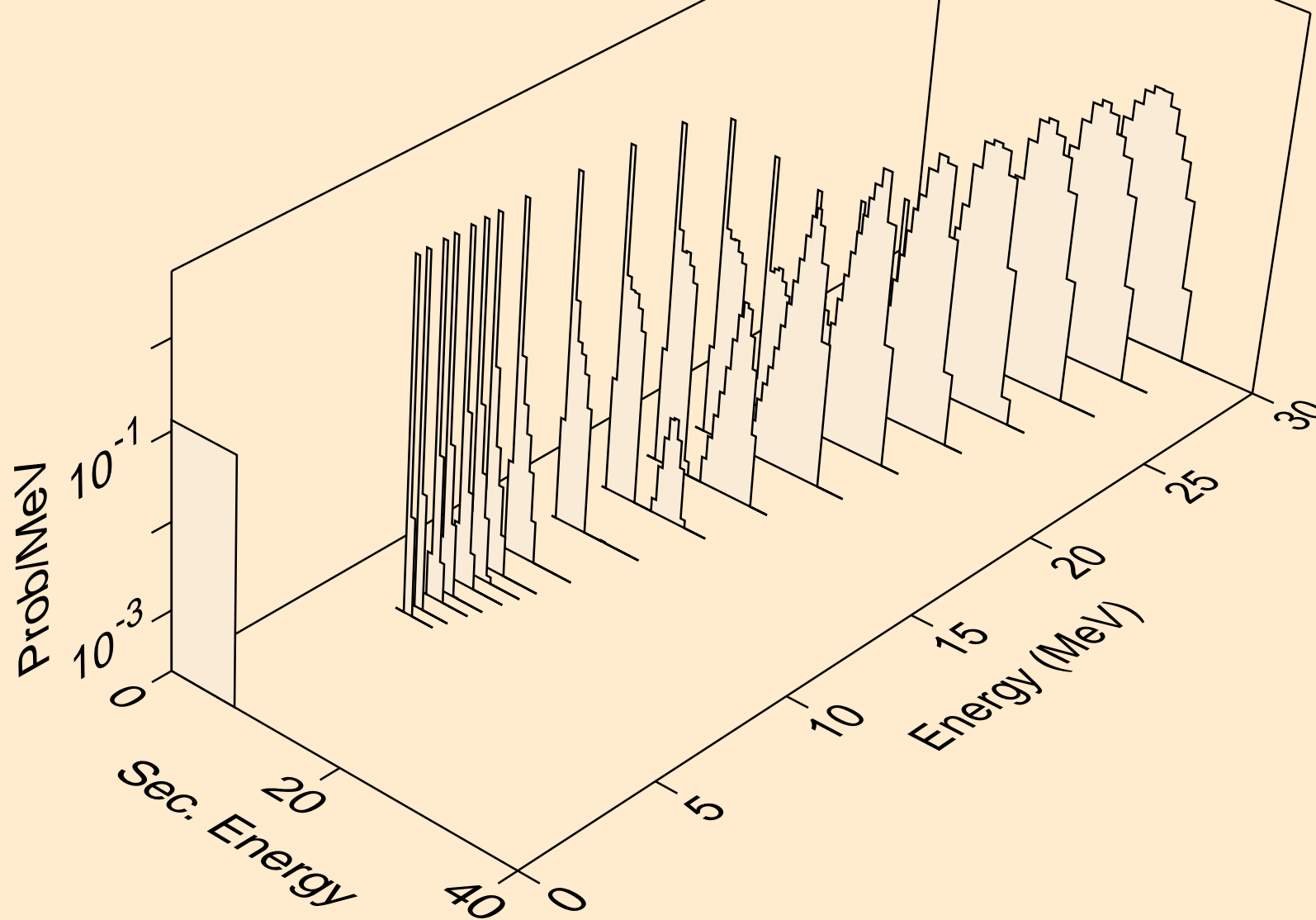
AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)2a



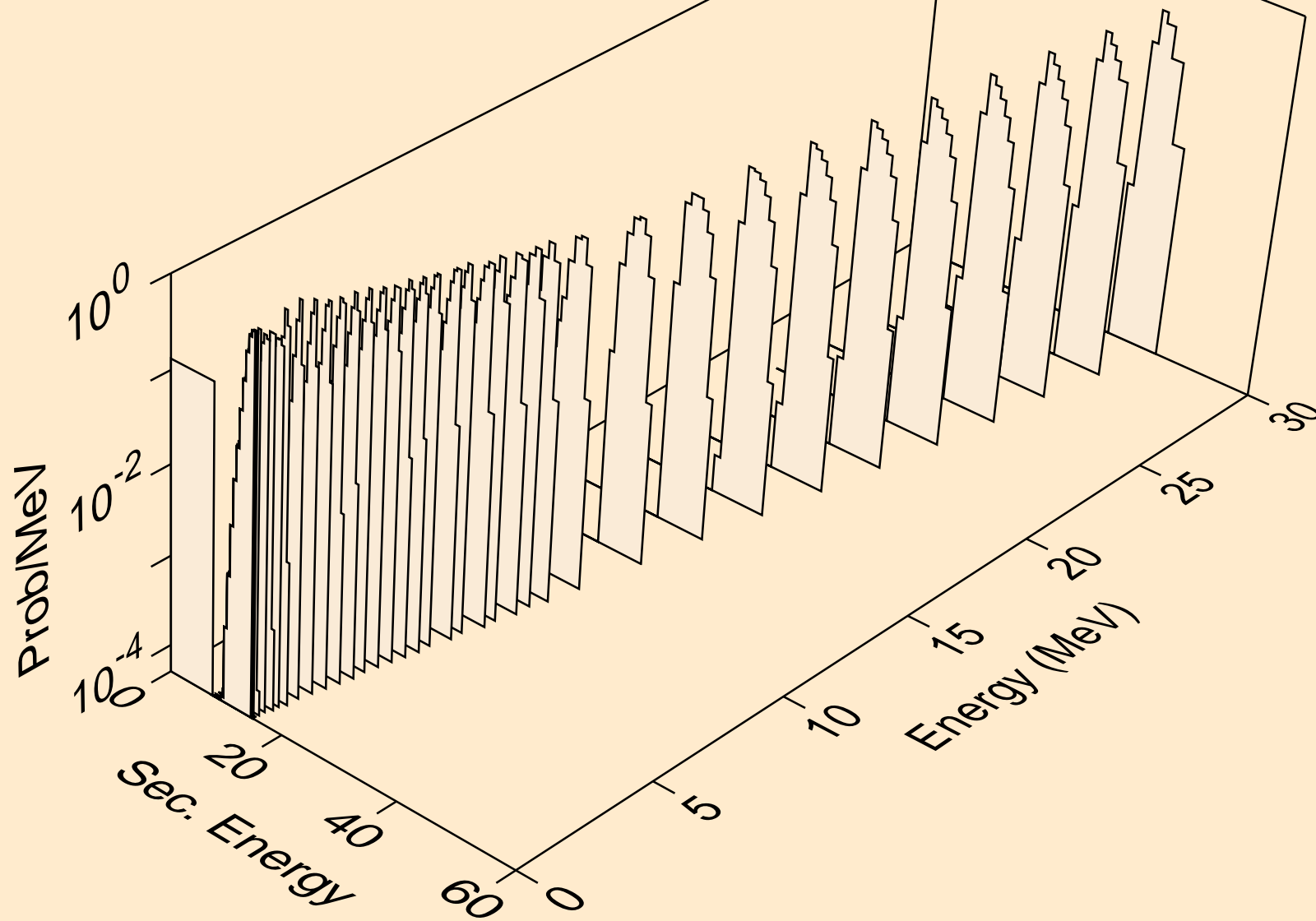
AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)2a



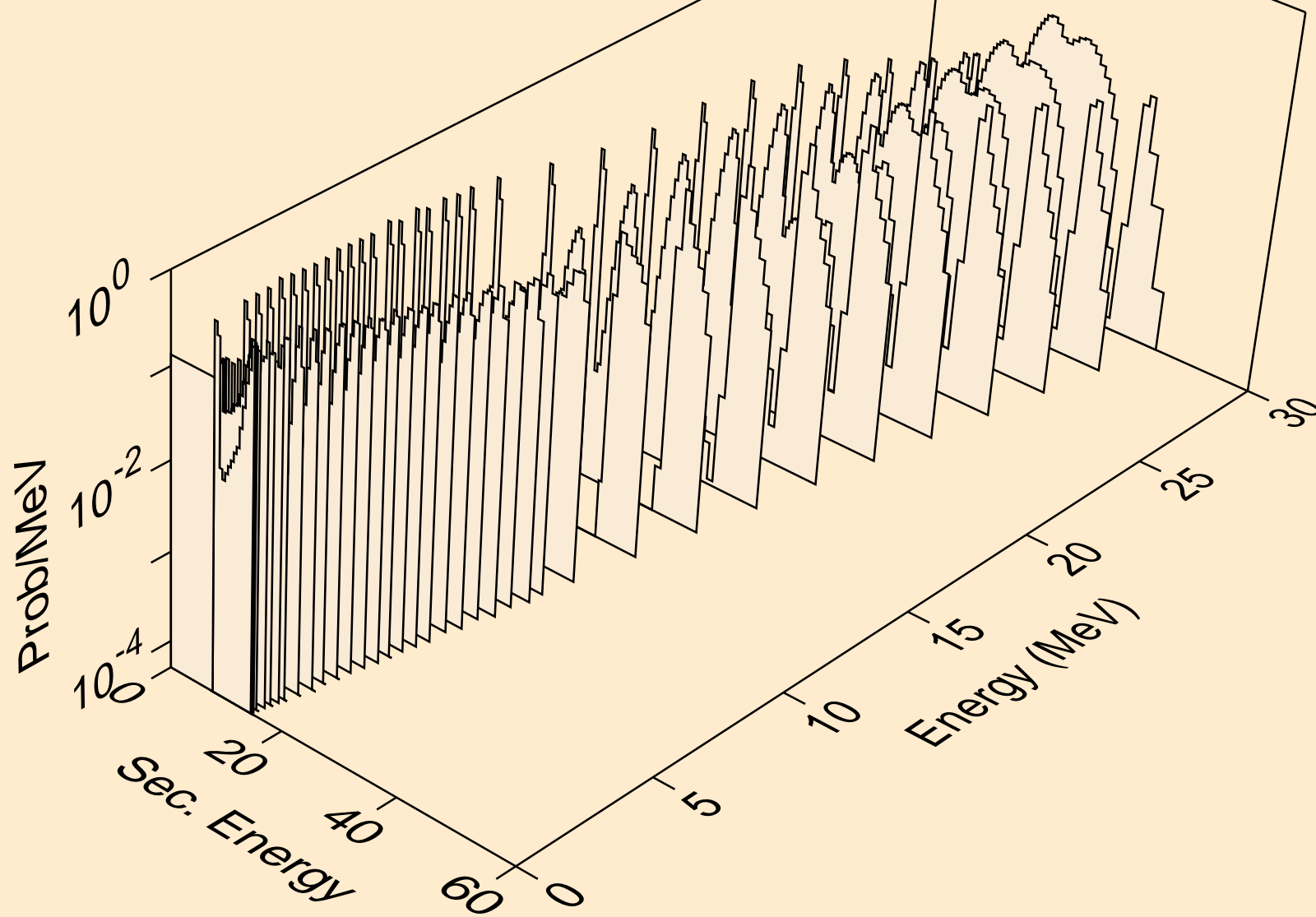
AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)



AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)

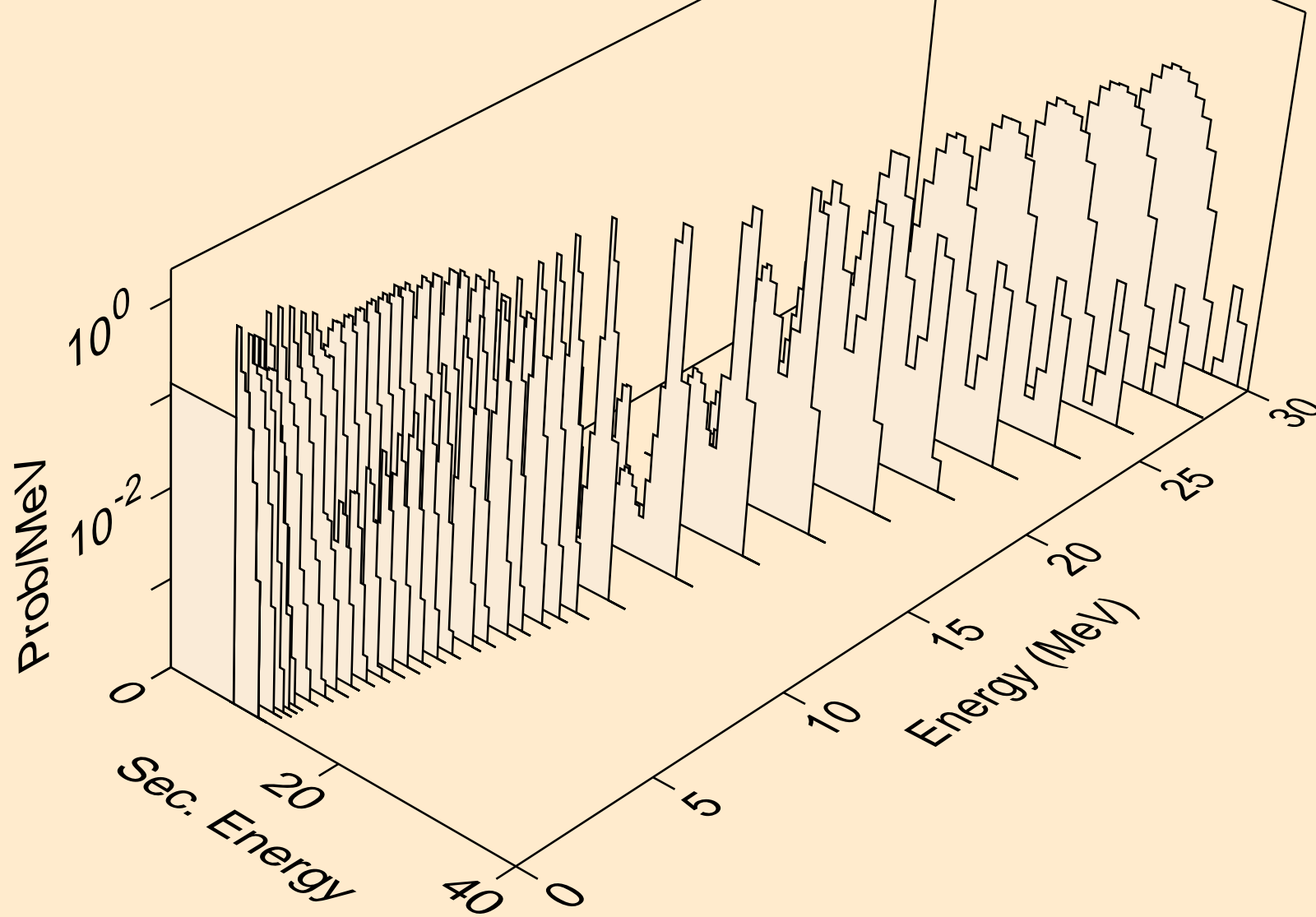


AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)





AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,p)



AM229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

