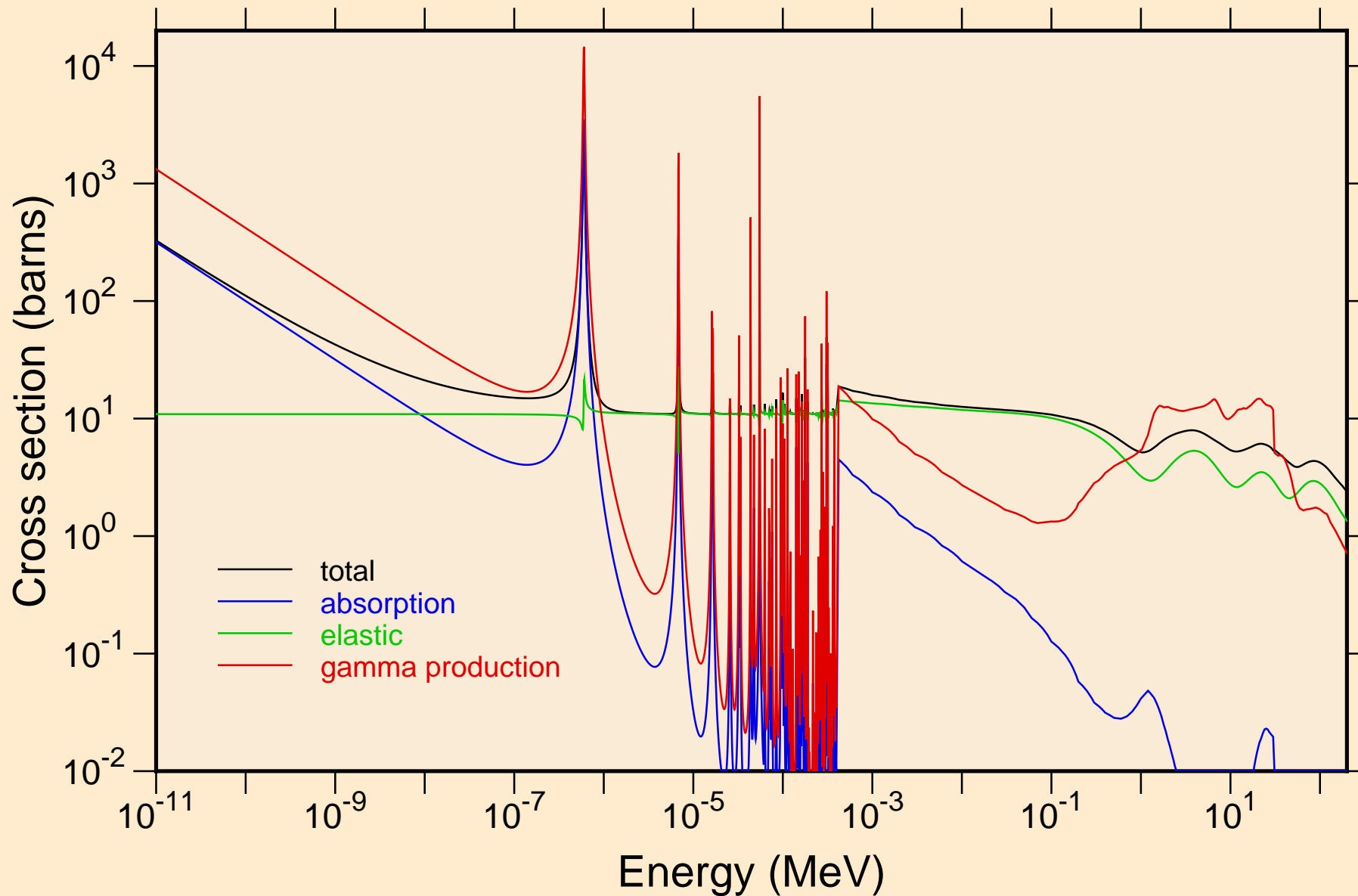
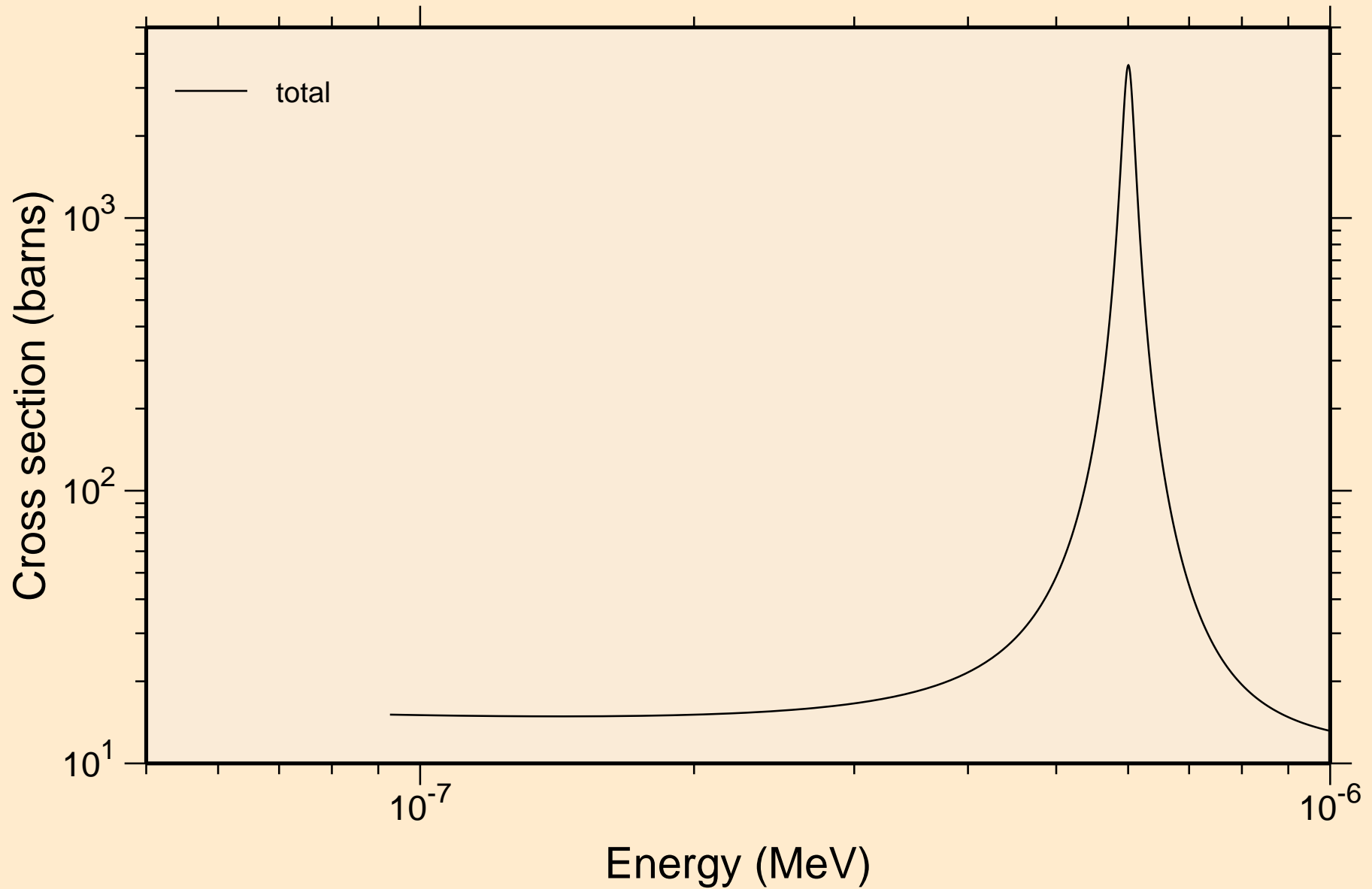


# AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

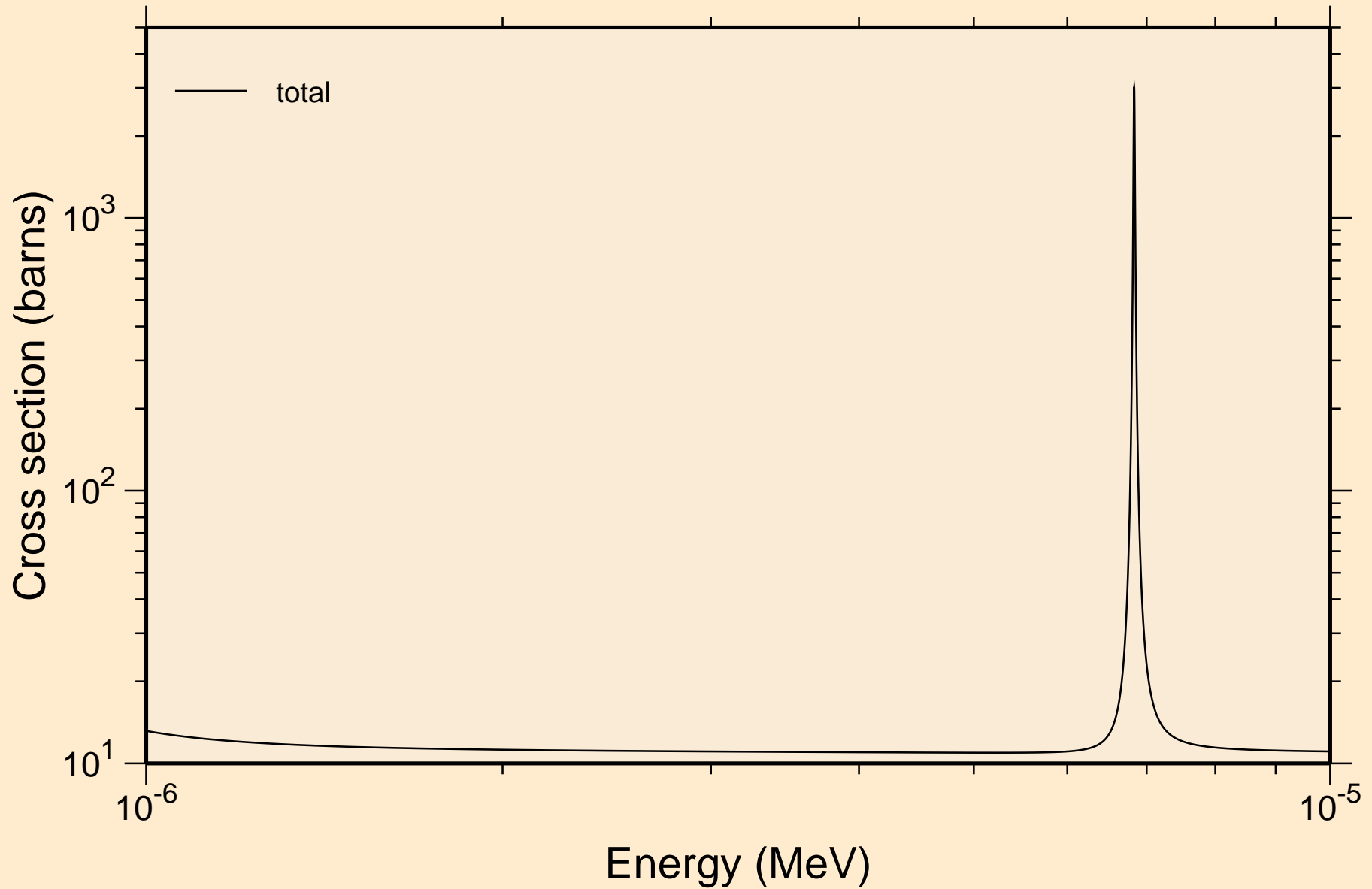
## Principal cross sections



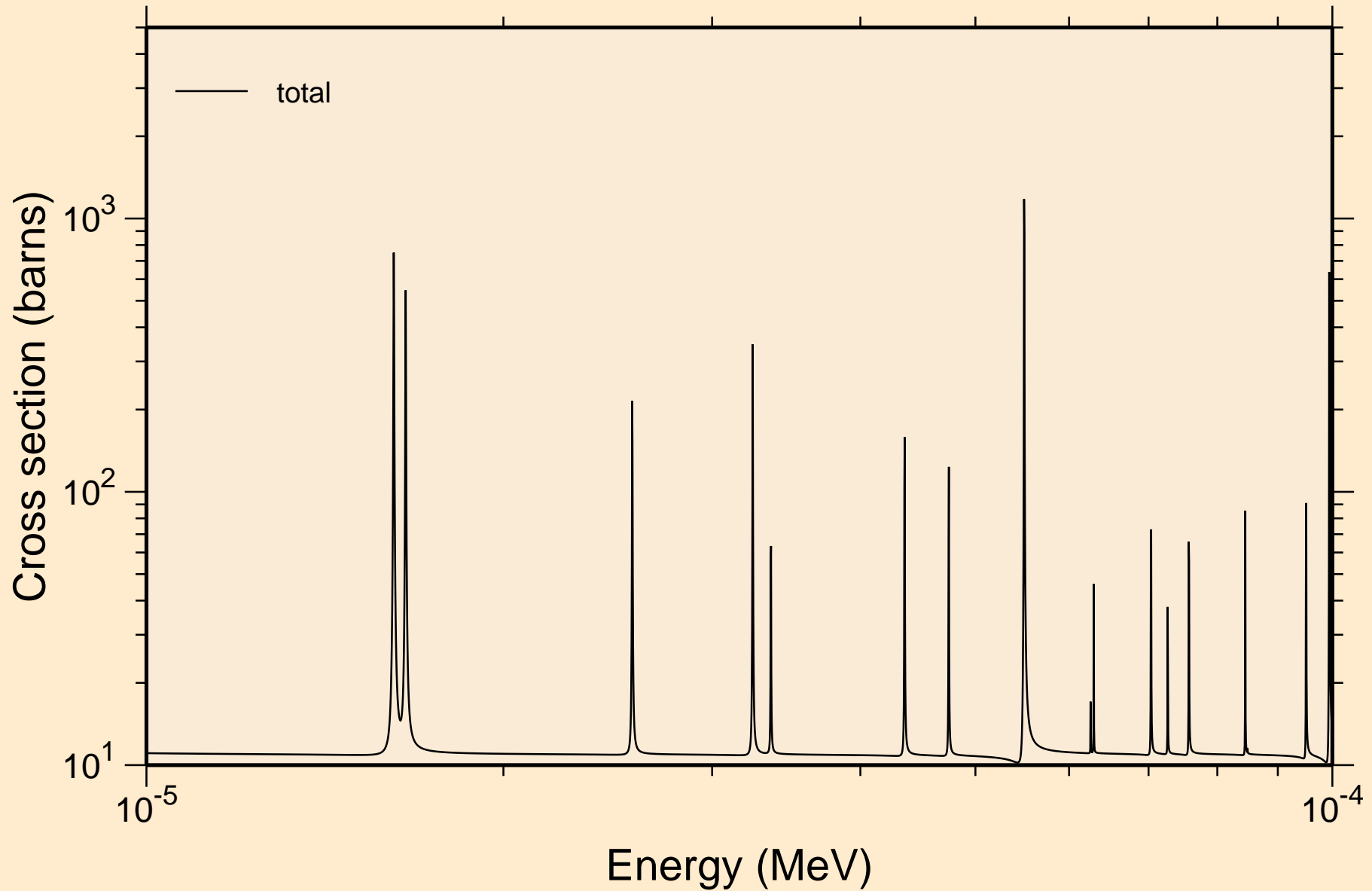
AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



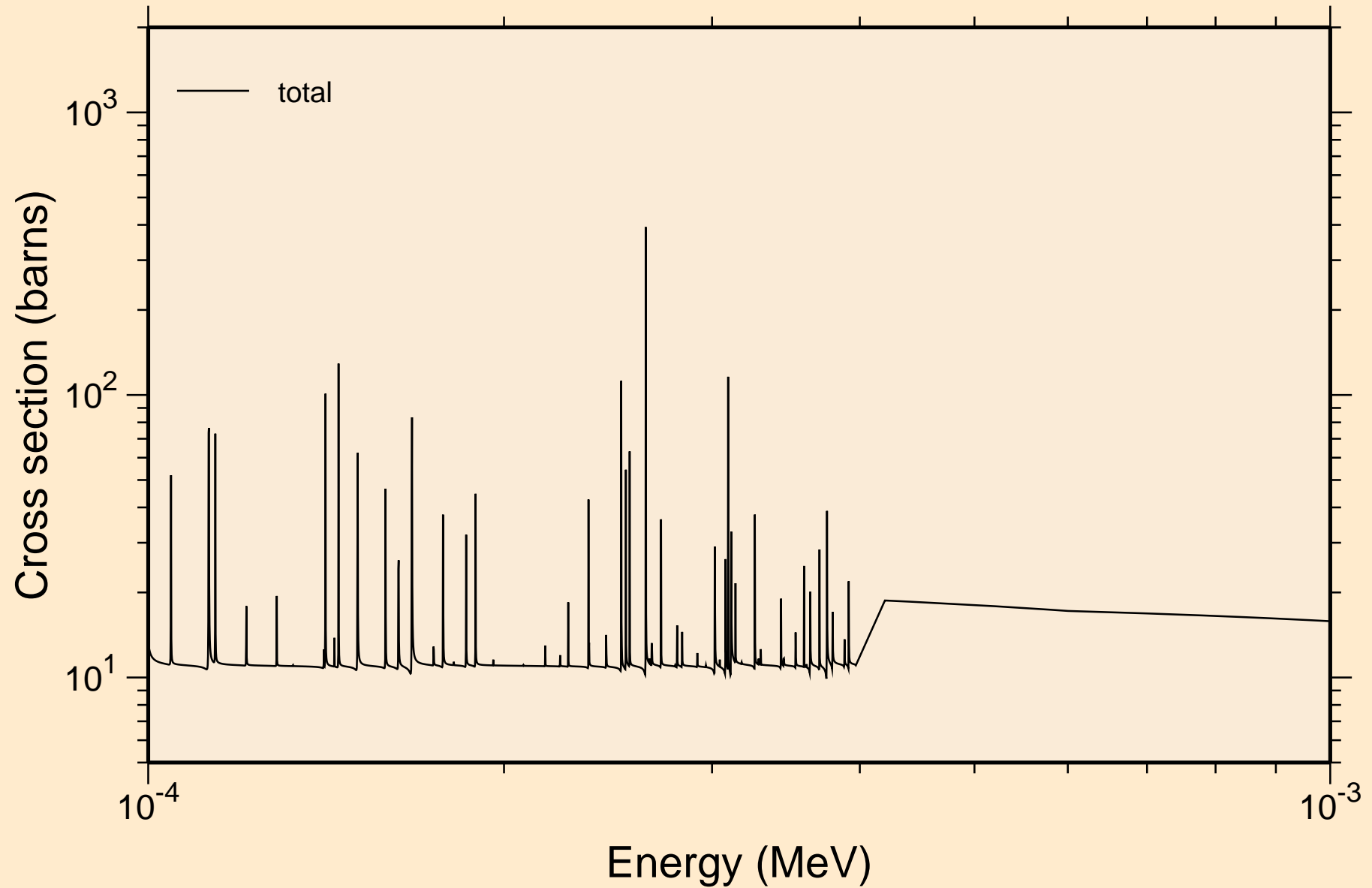
AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



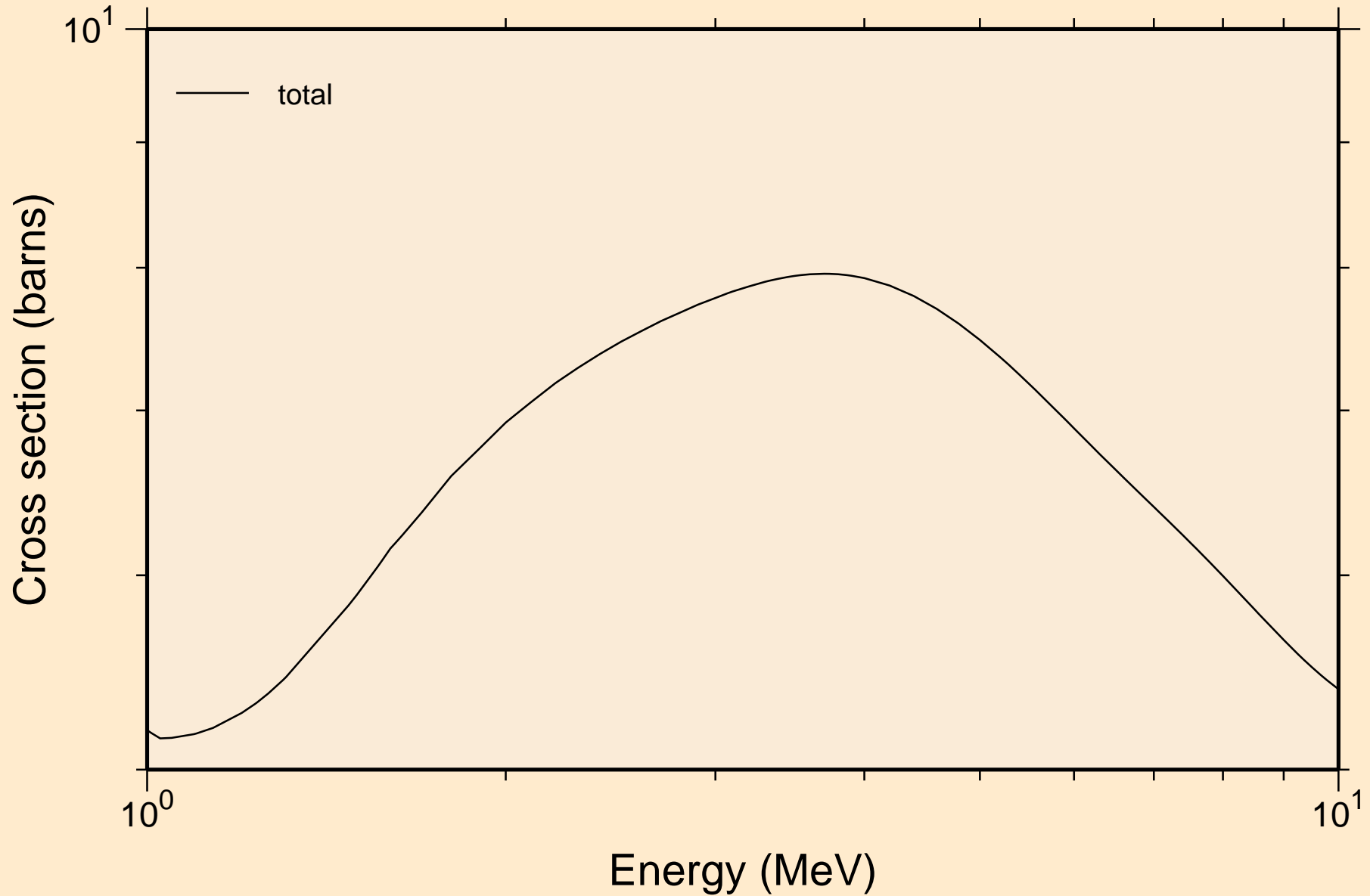
AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



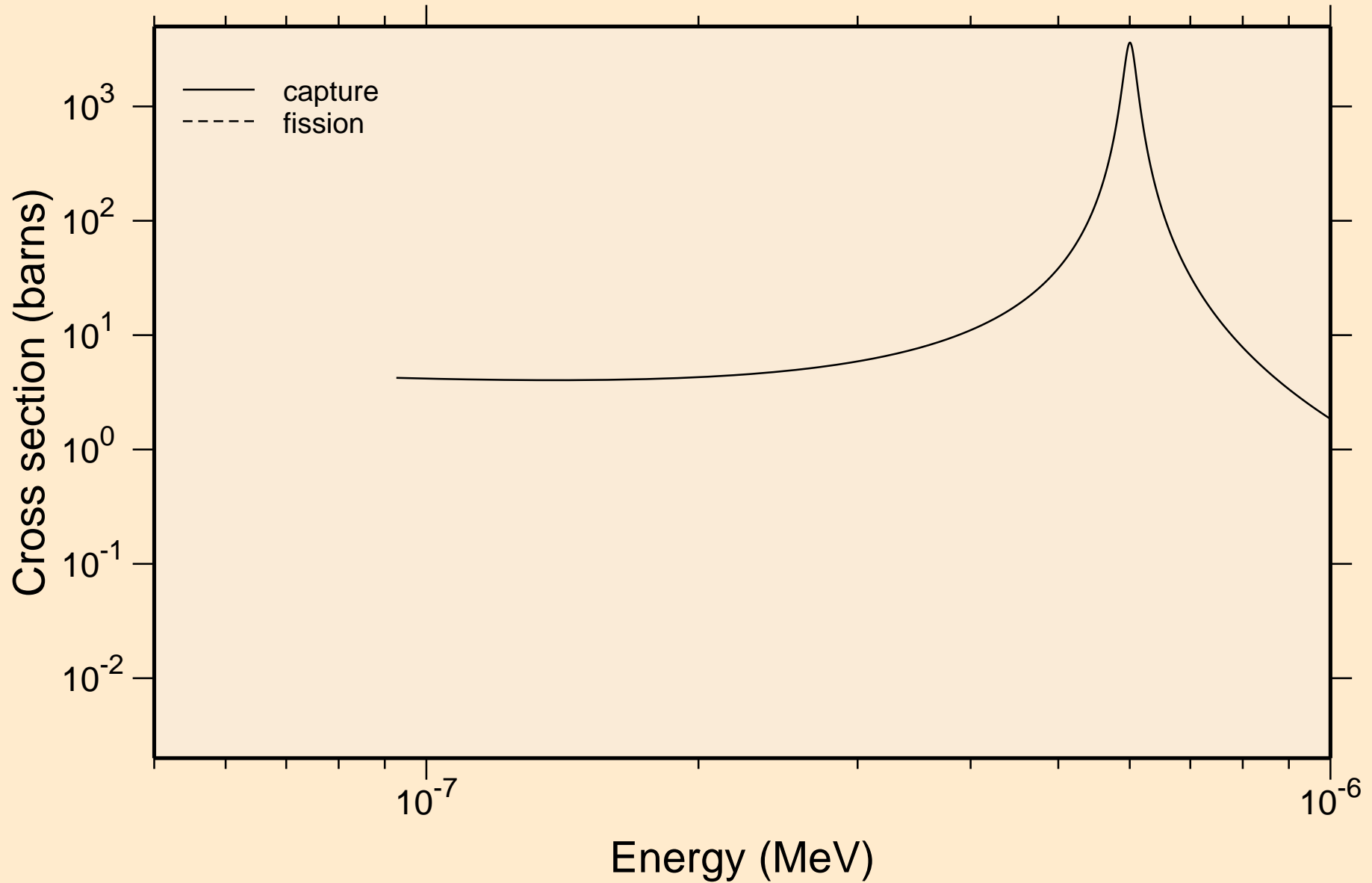
AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



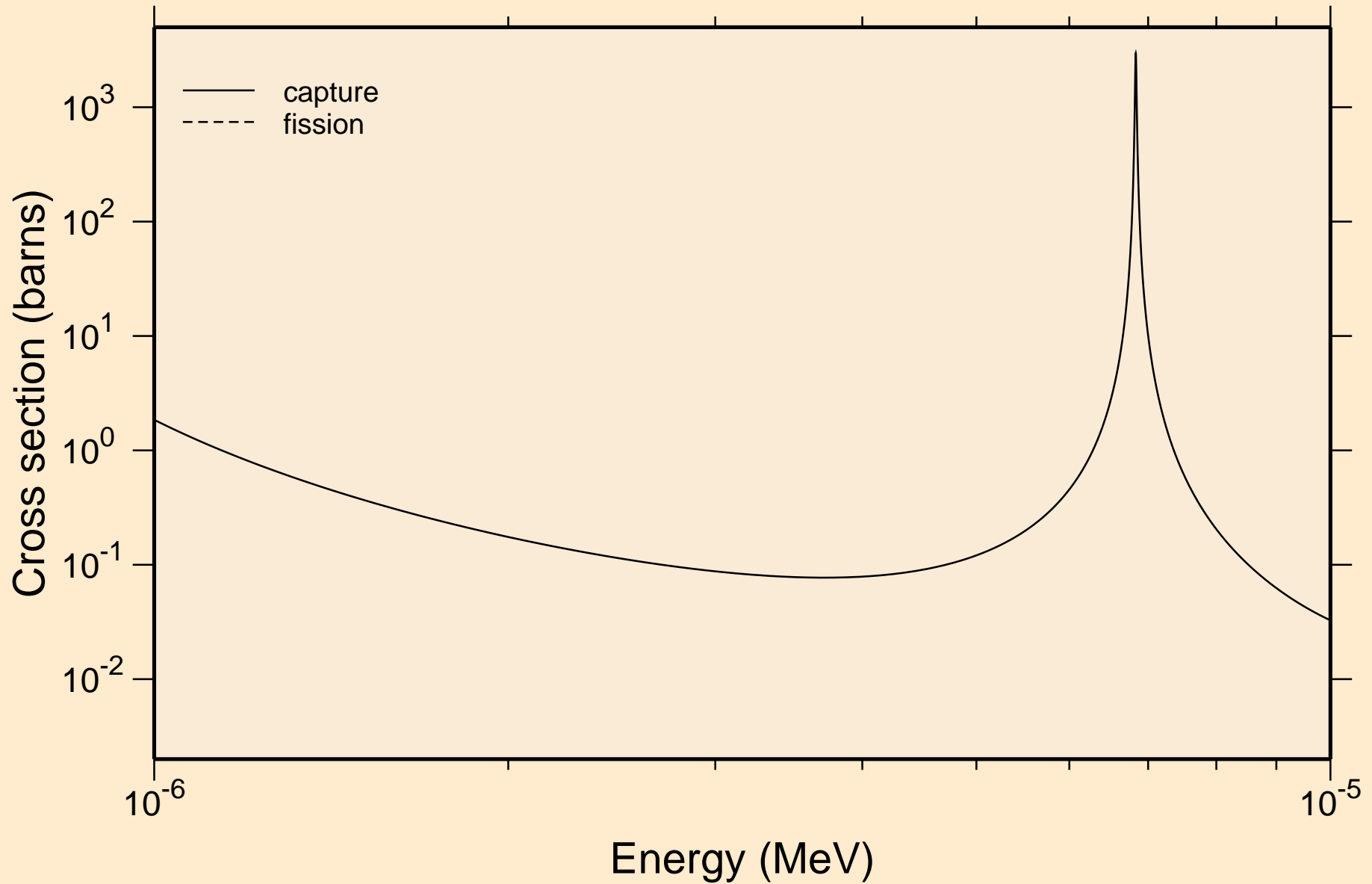
AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

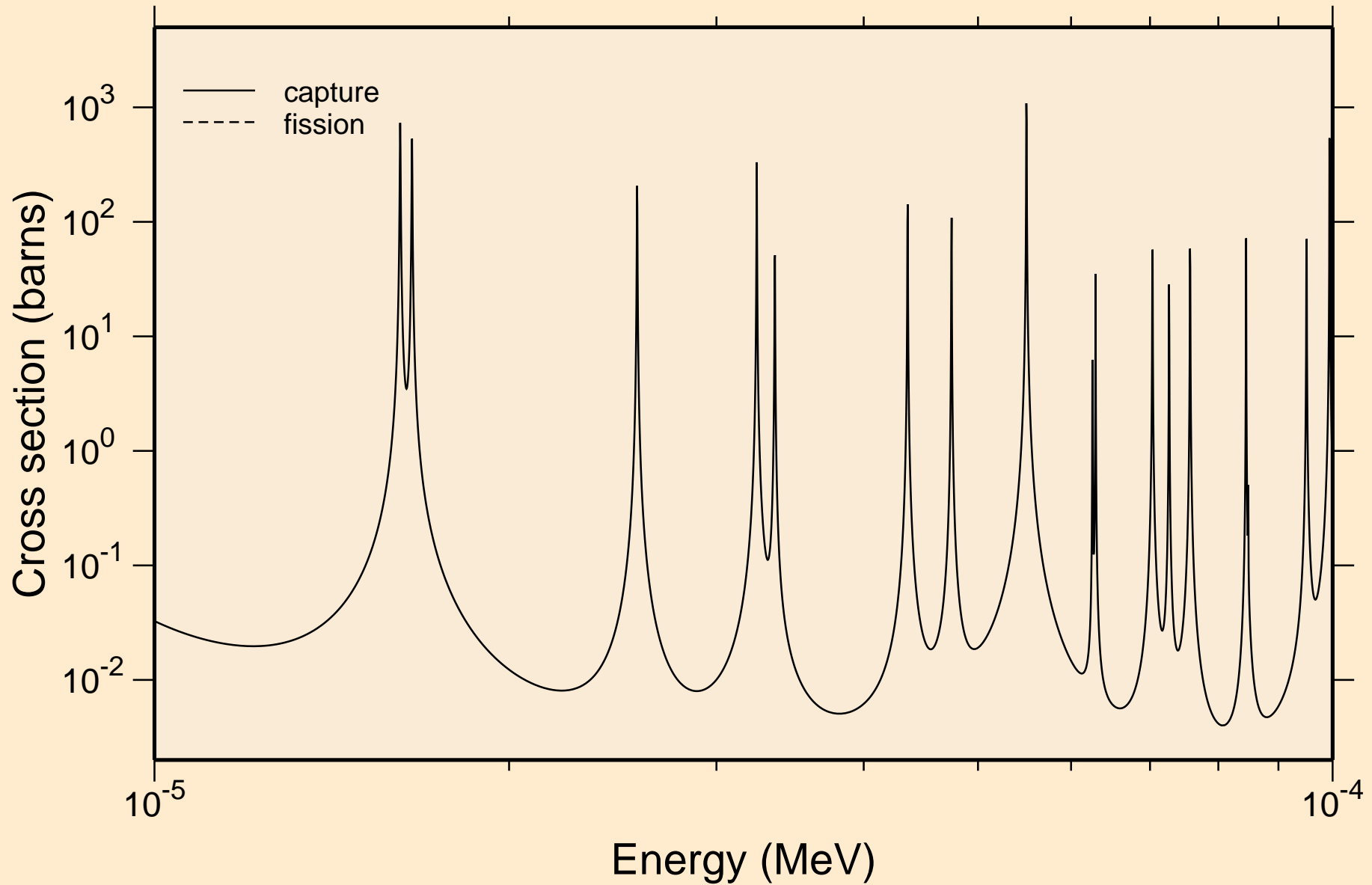


AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

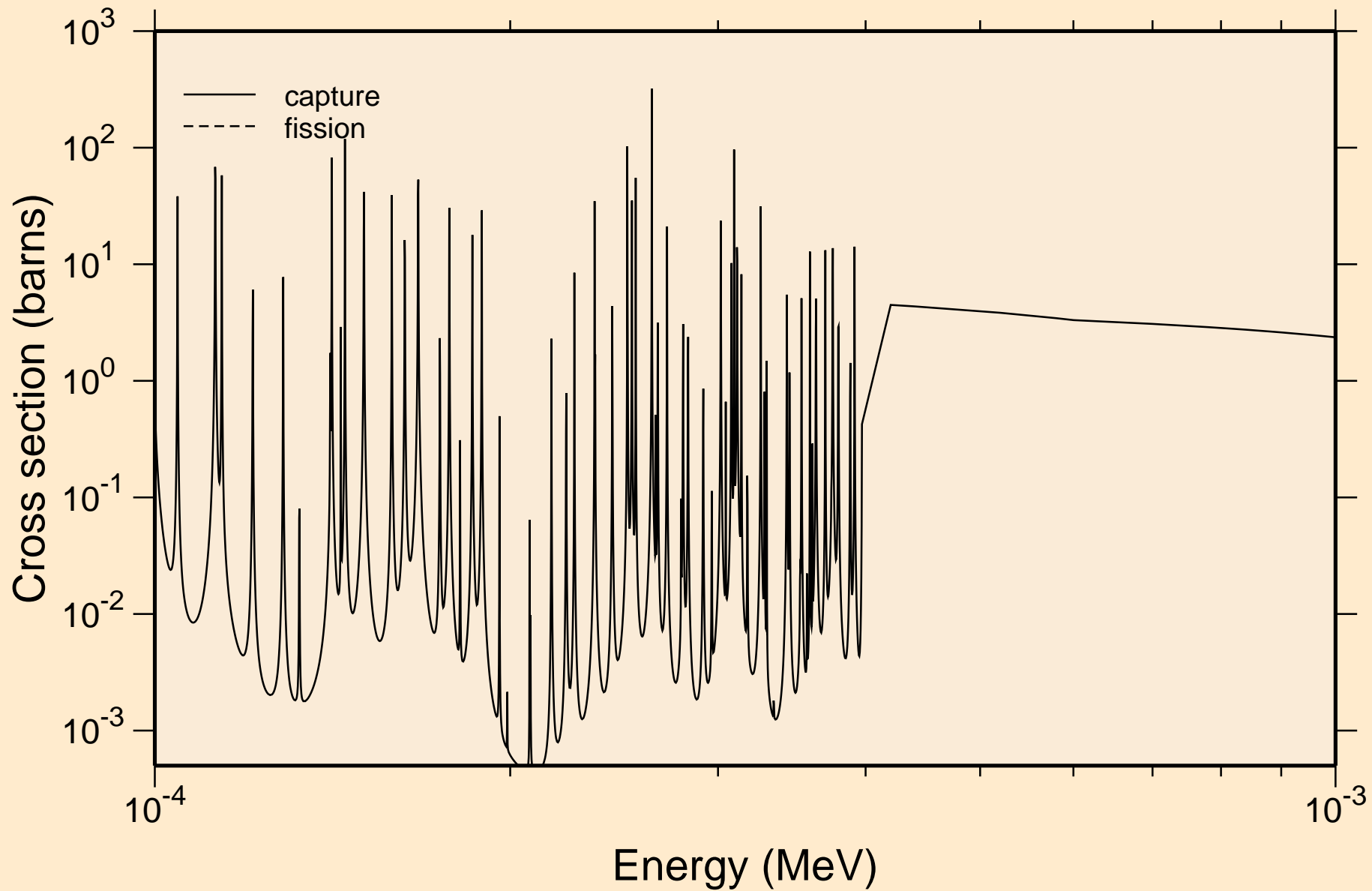




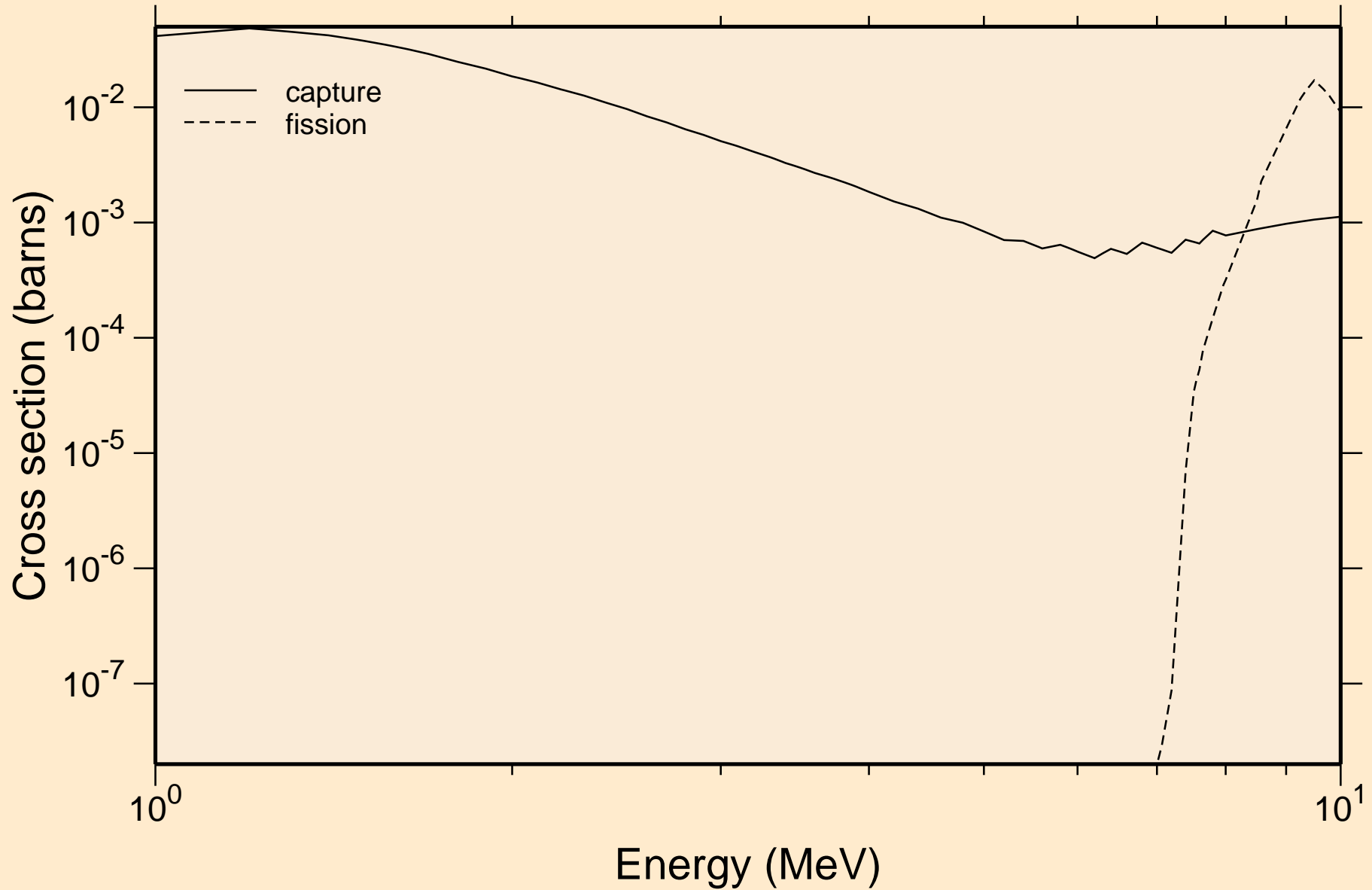
AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

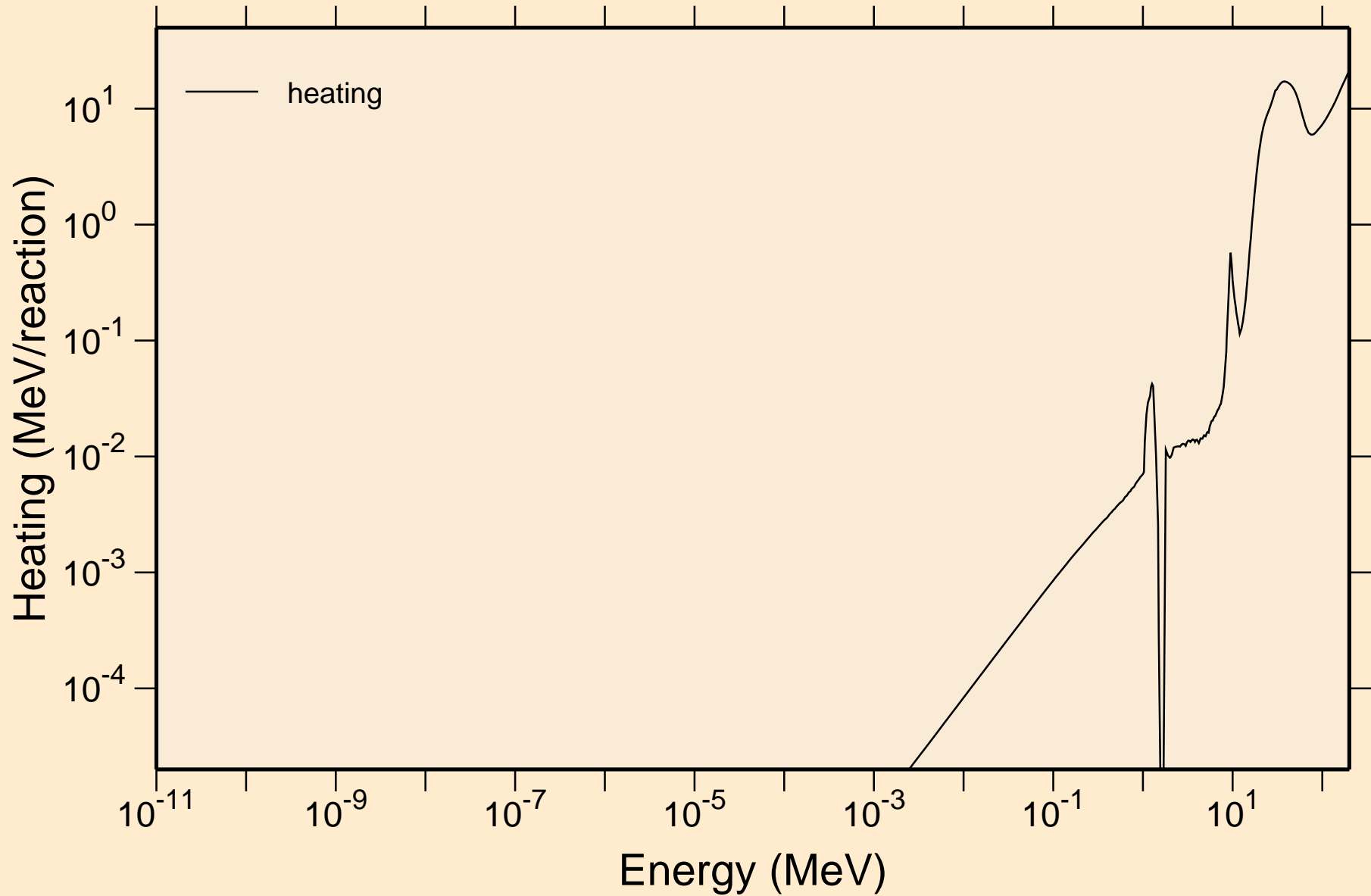


AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



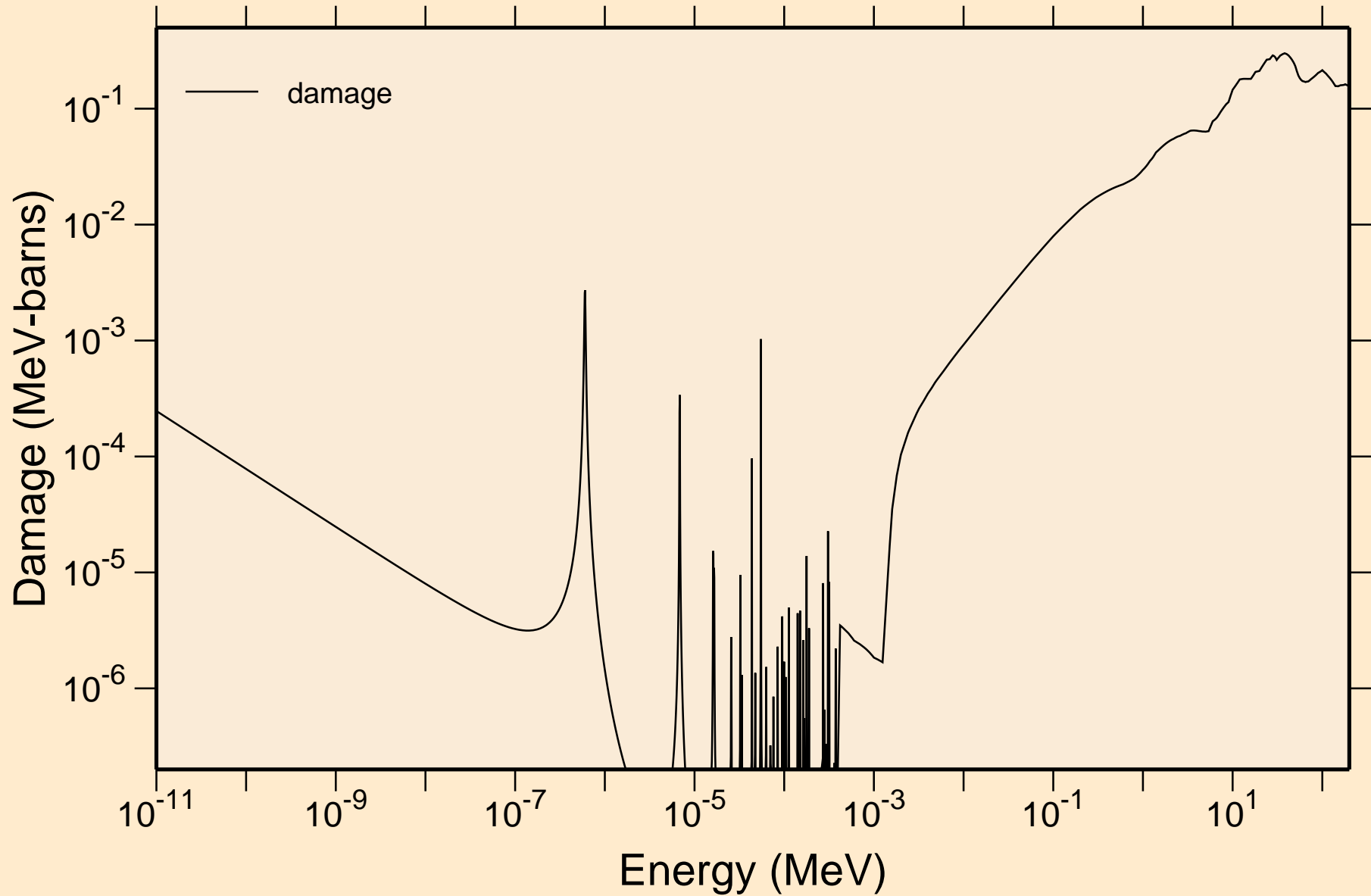
# AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



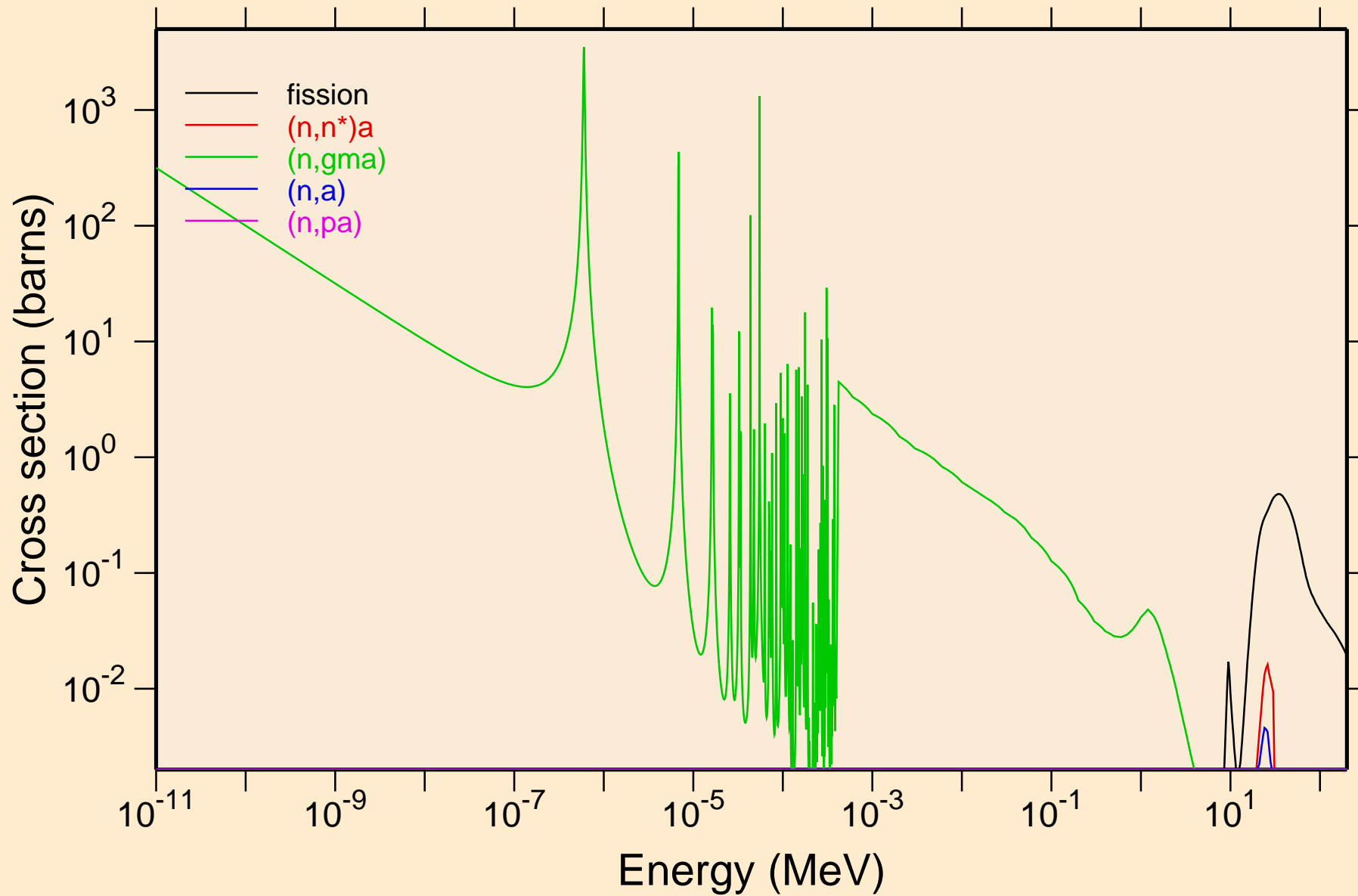
# AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

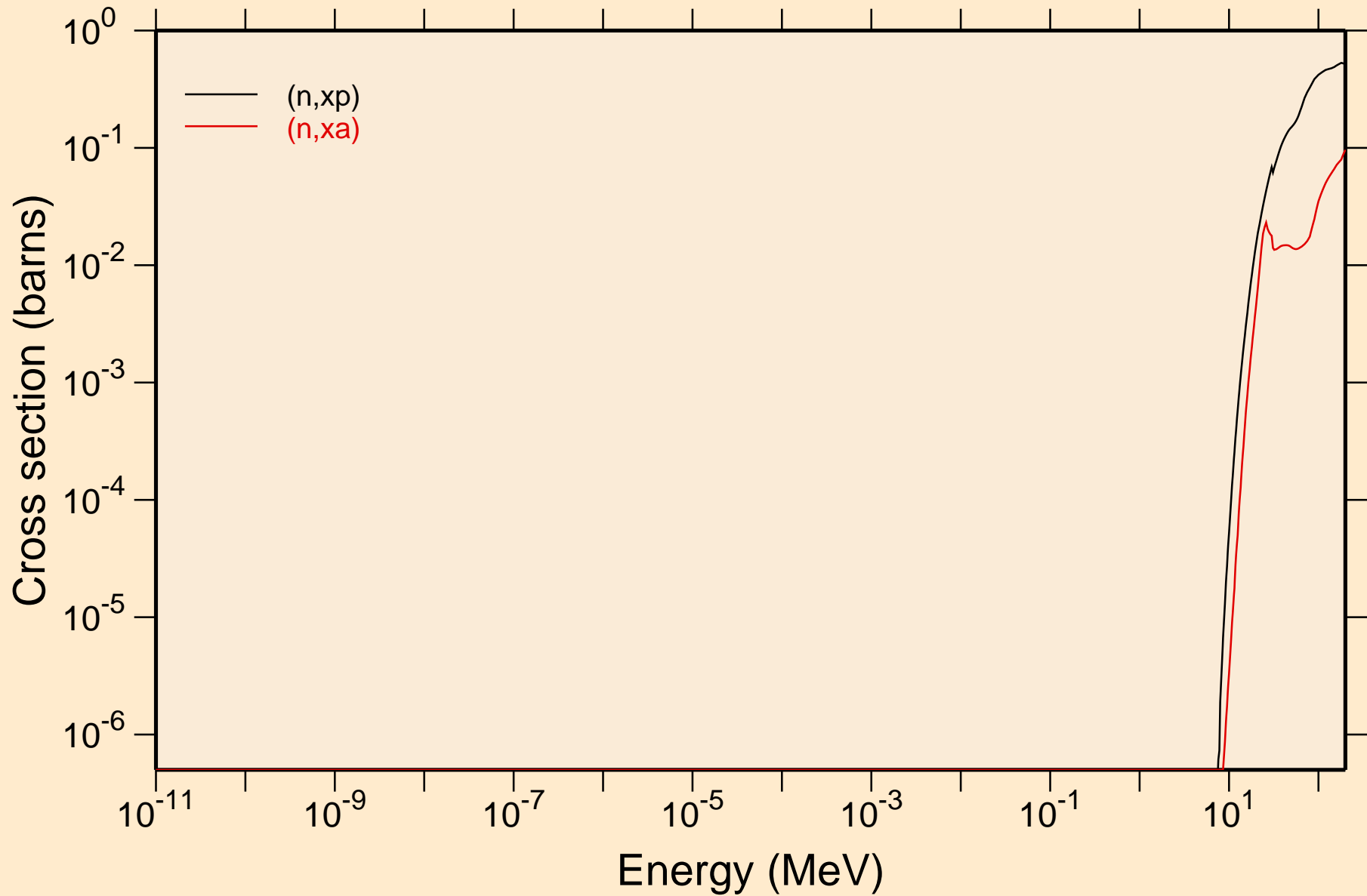


# AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

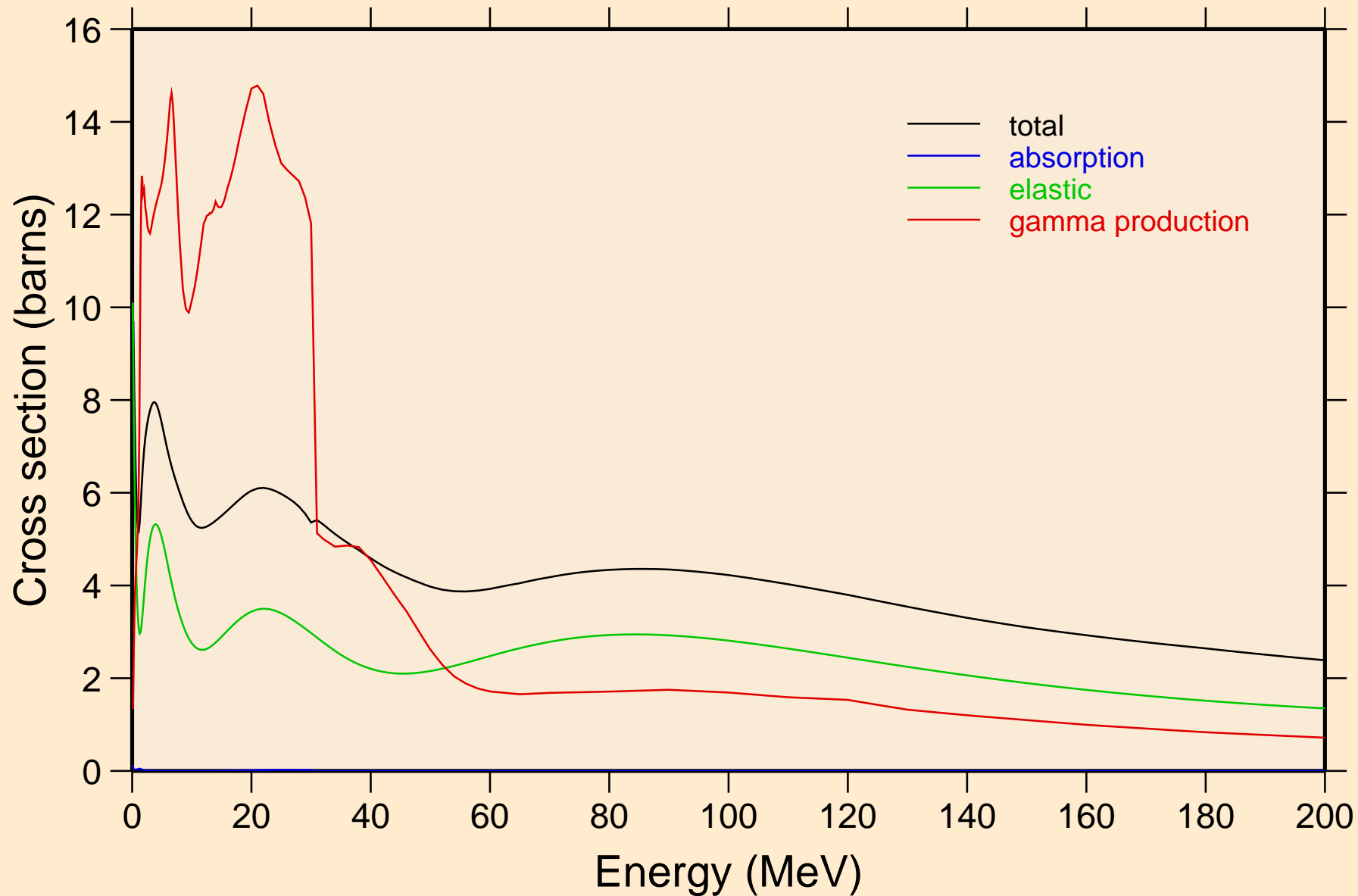


AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



# AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

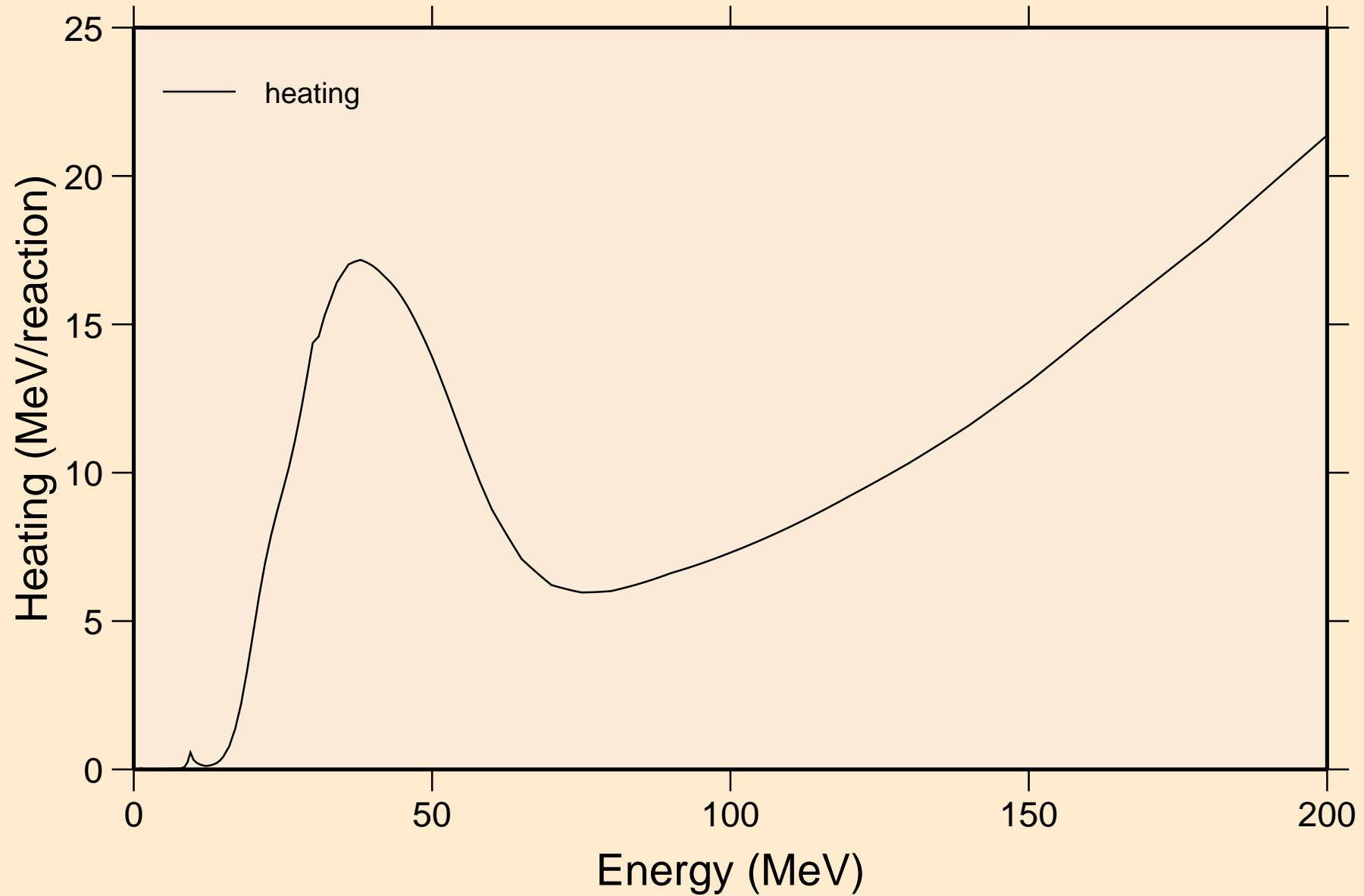
## Principal cross sections





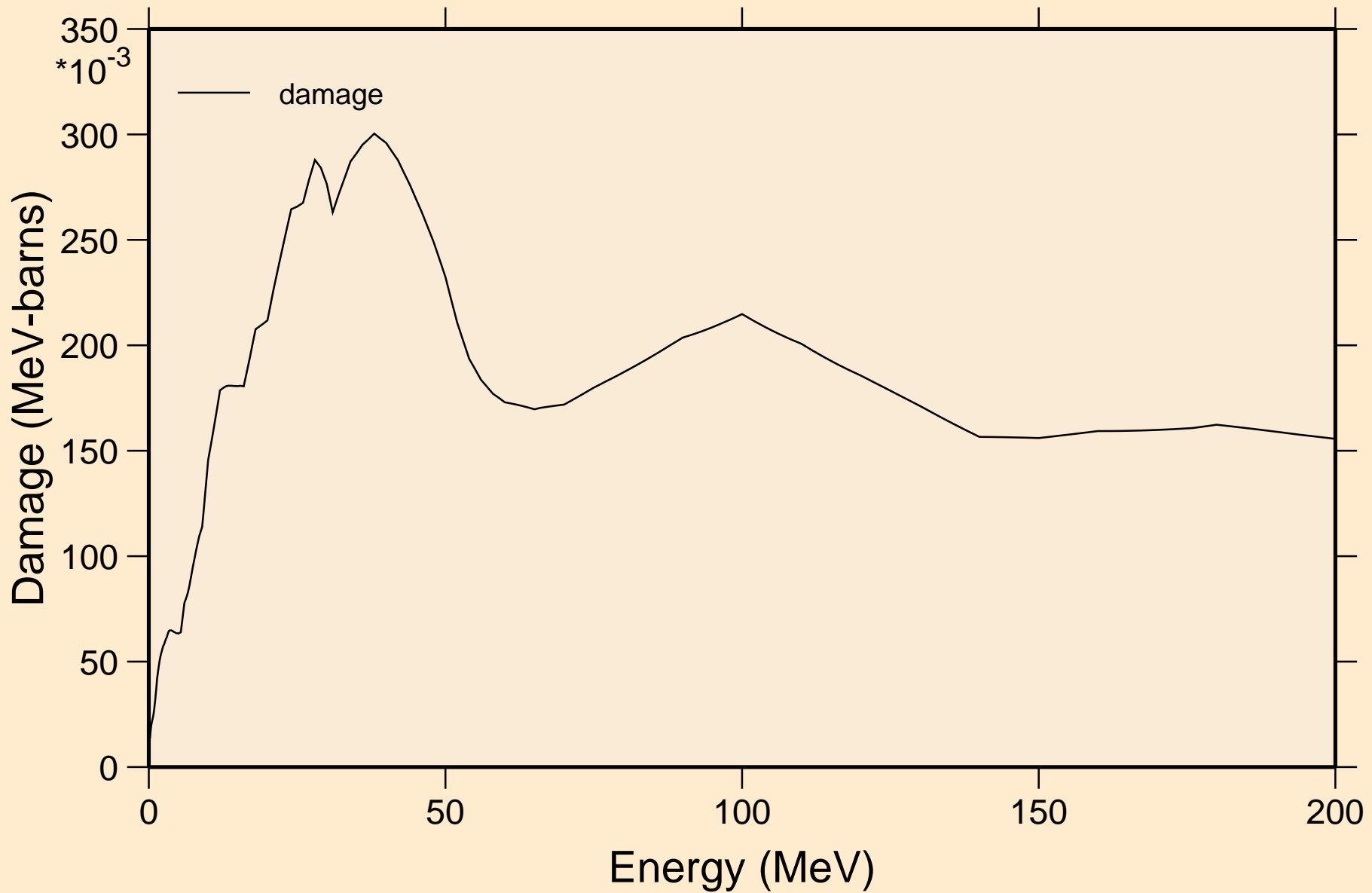
# AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



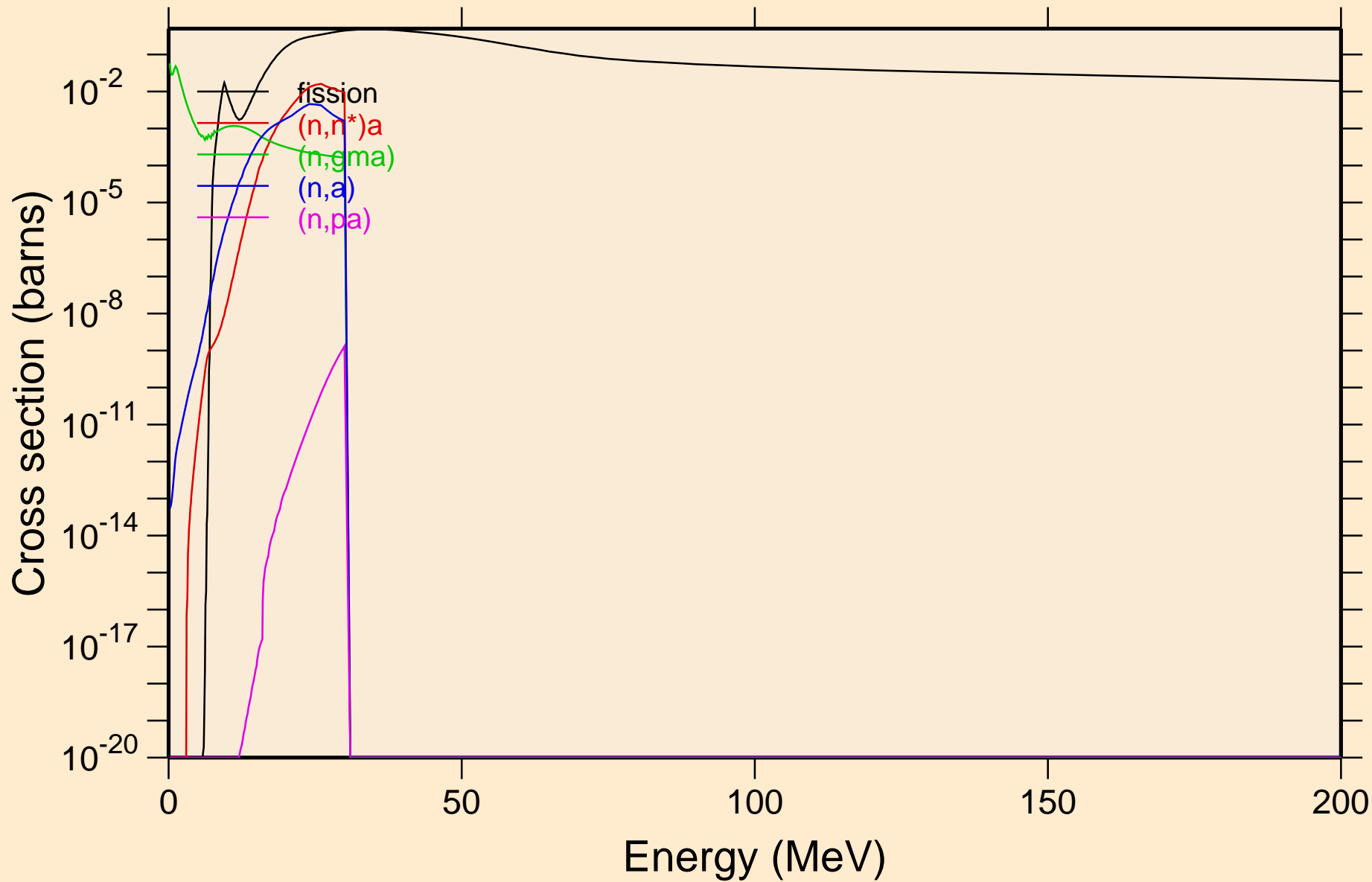
# AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

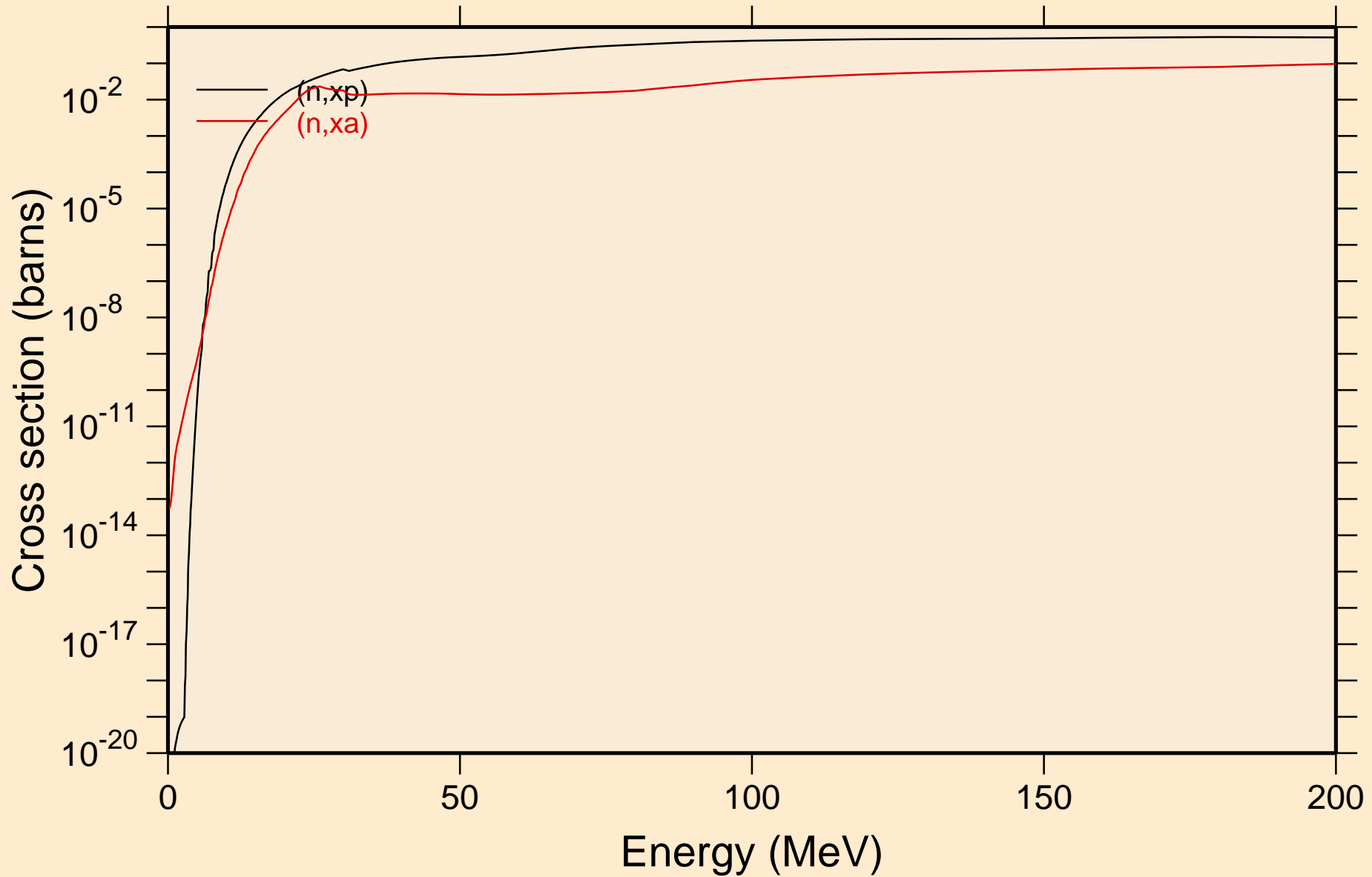


# AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

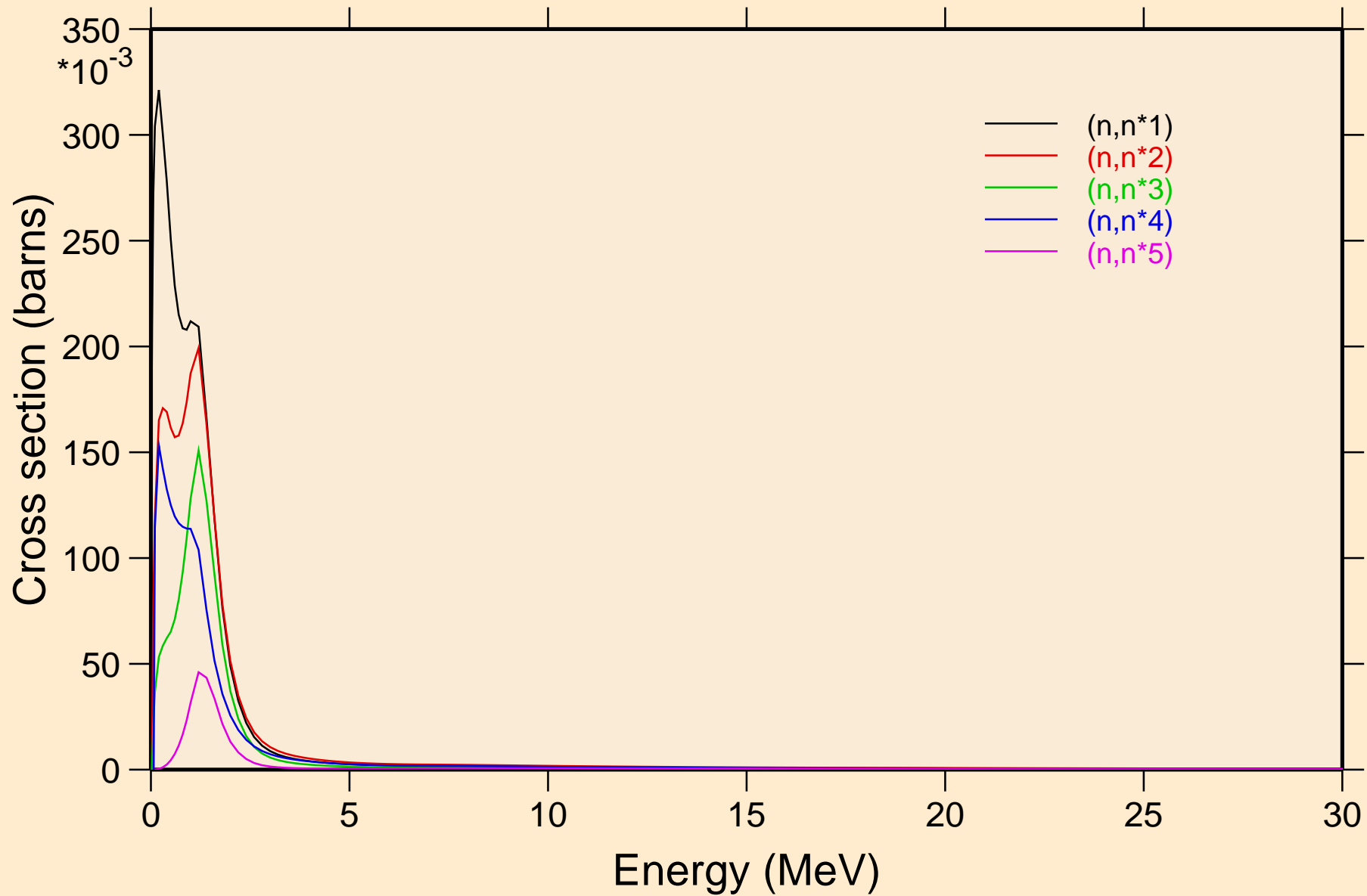
## Non-threshold reactions



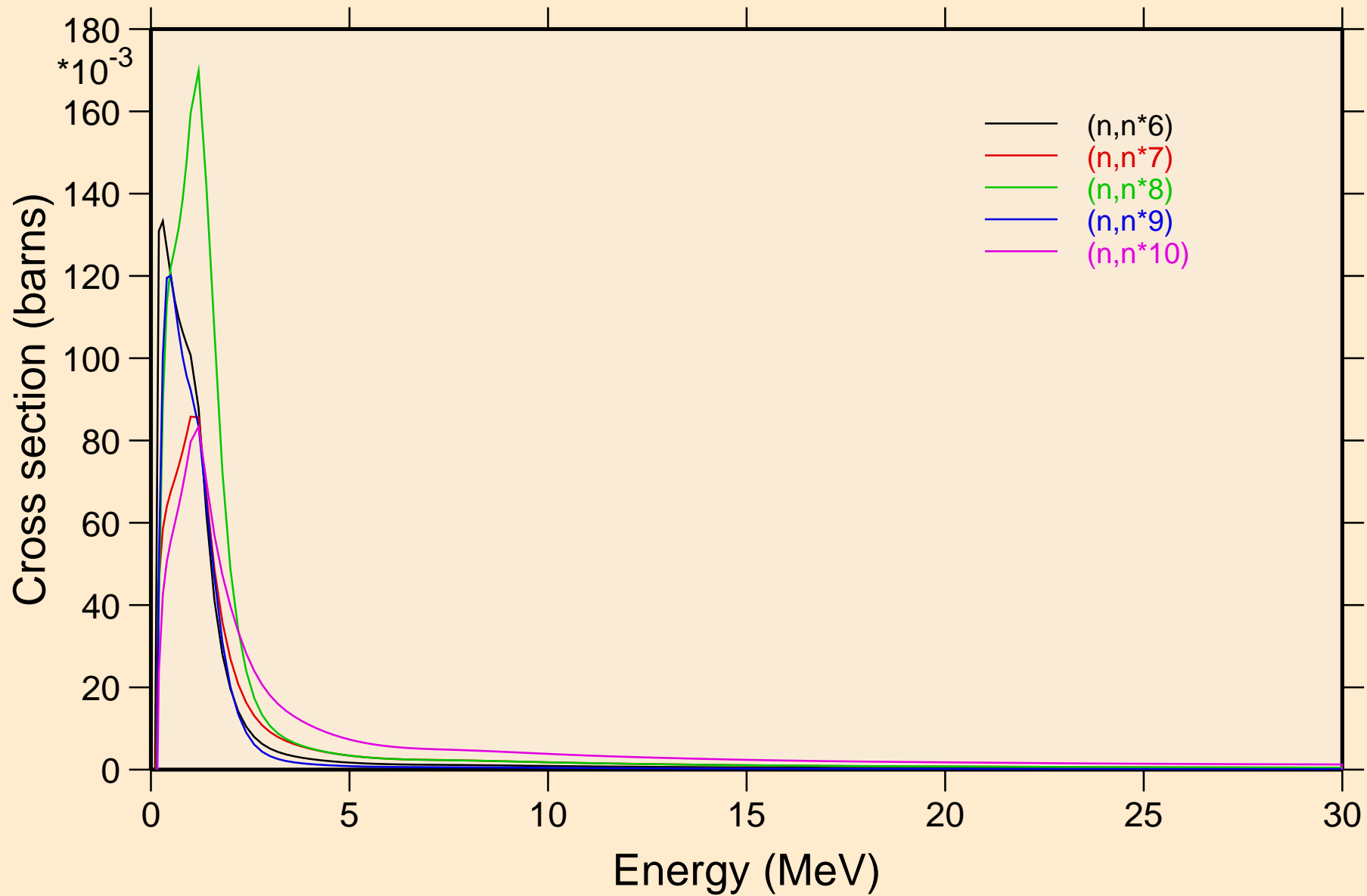
AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



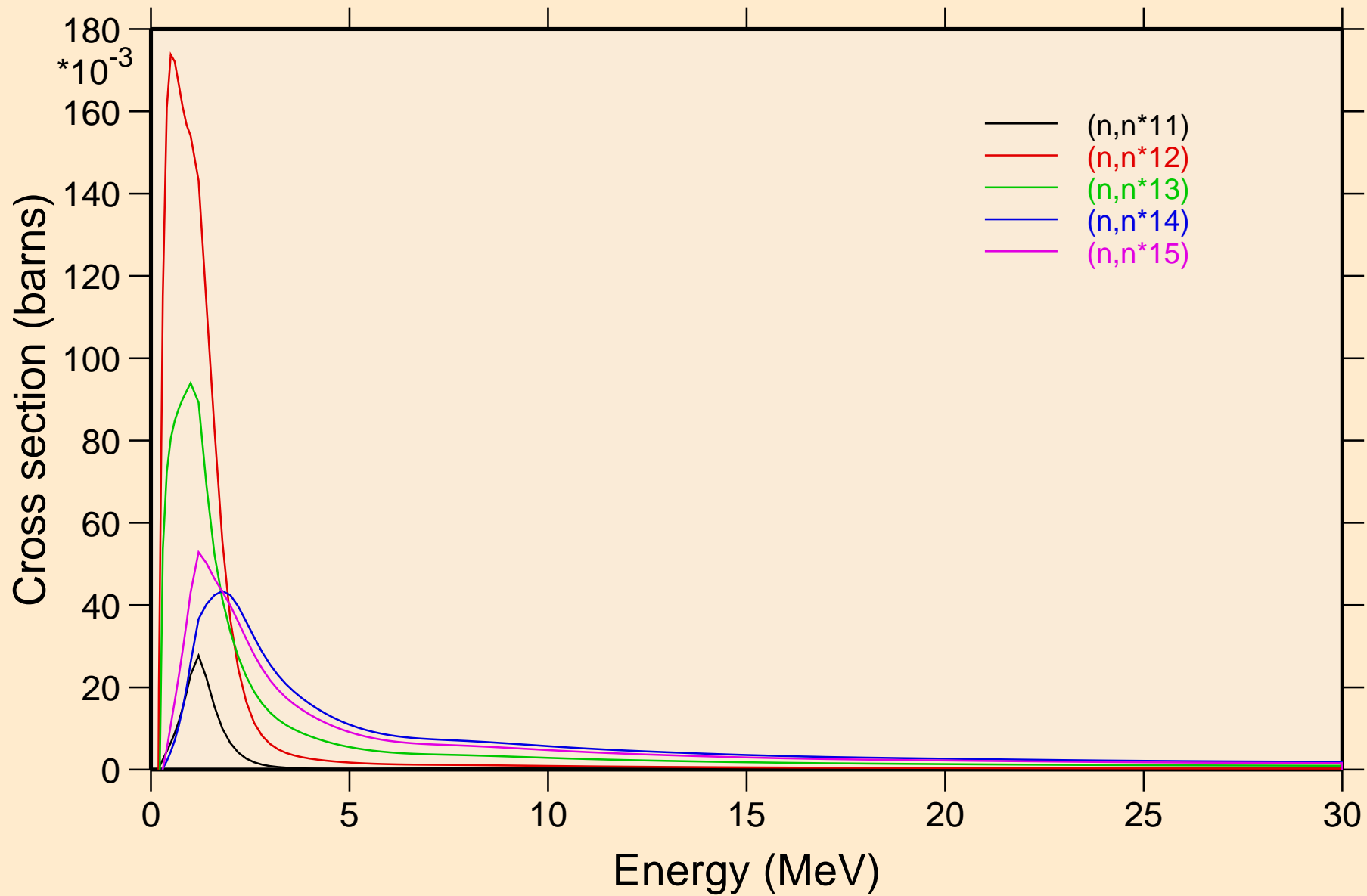
AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



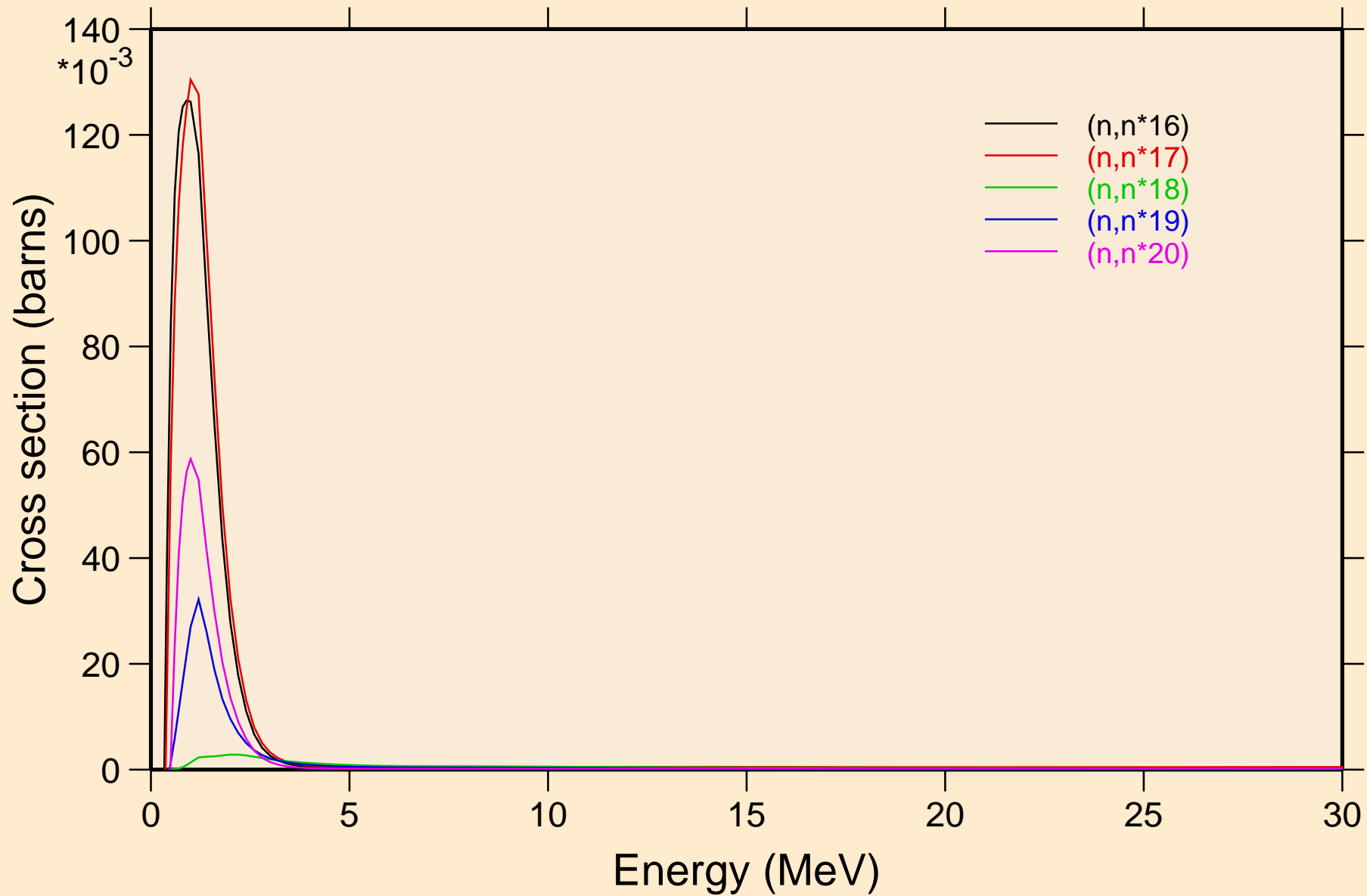
AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

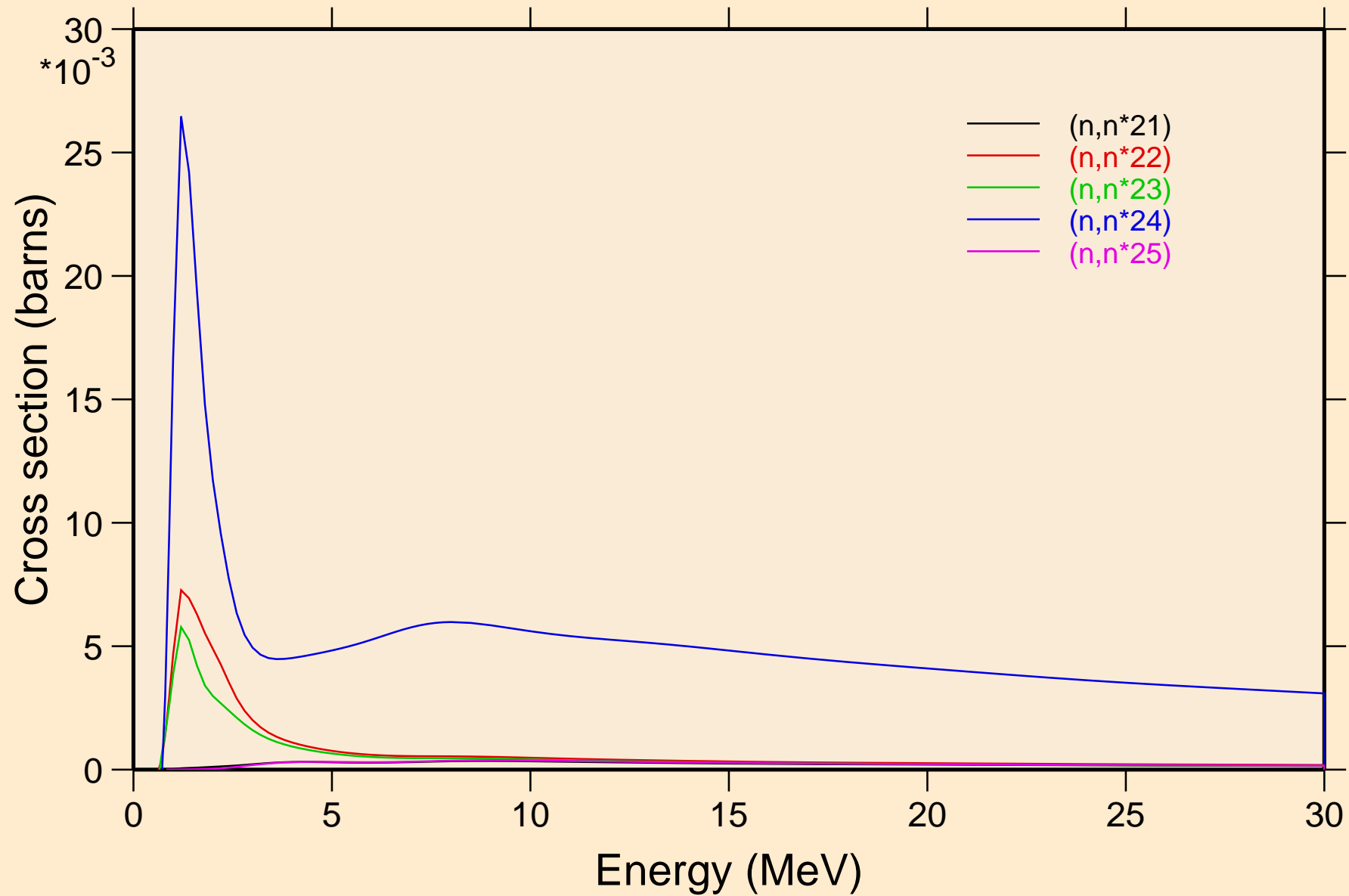


AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

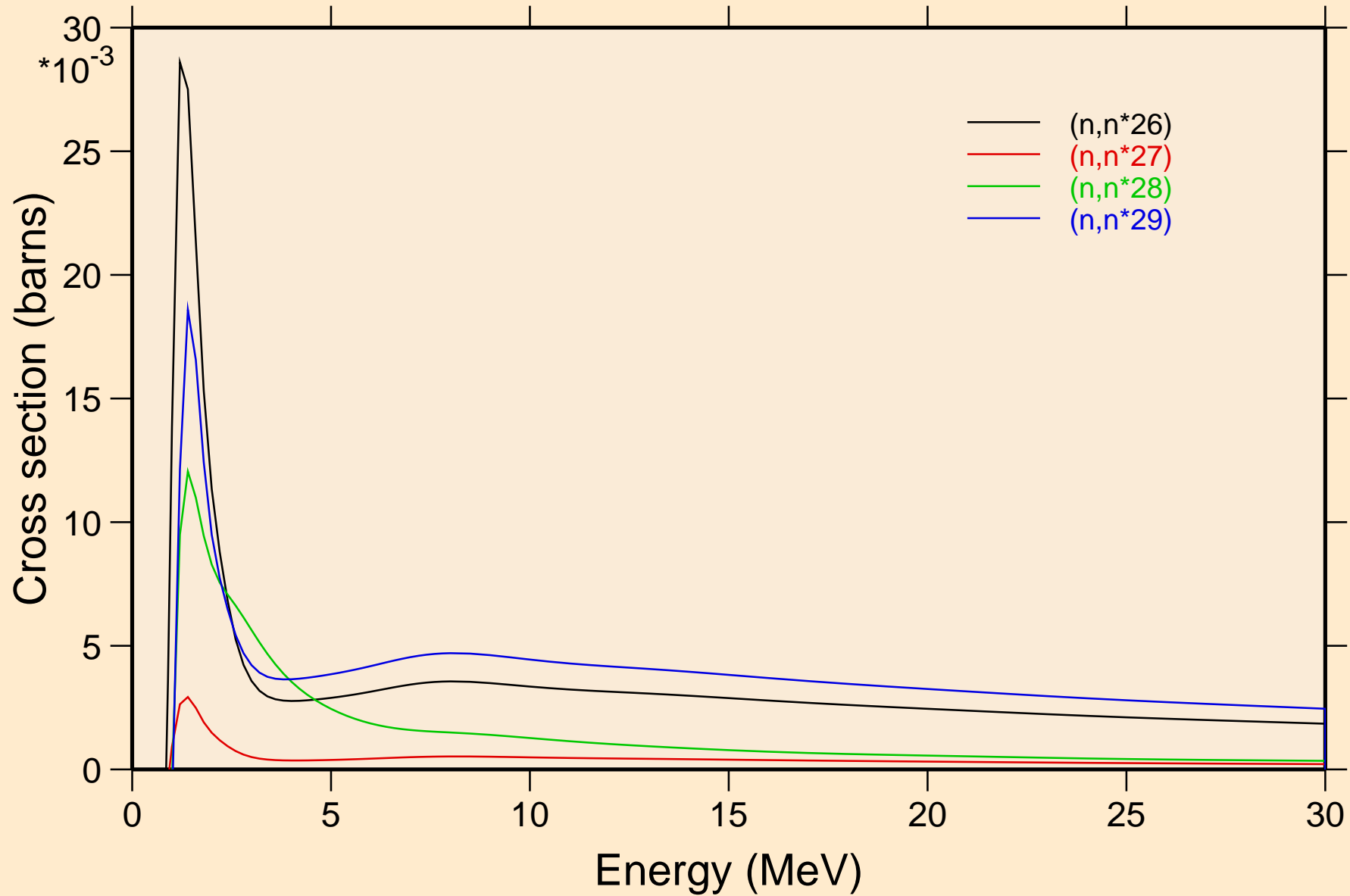




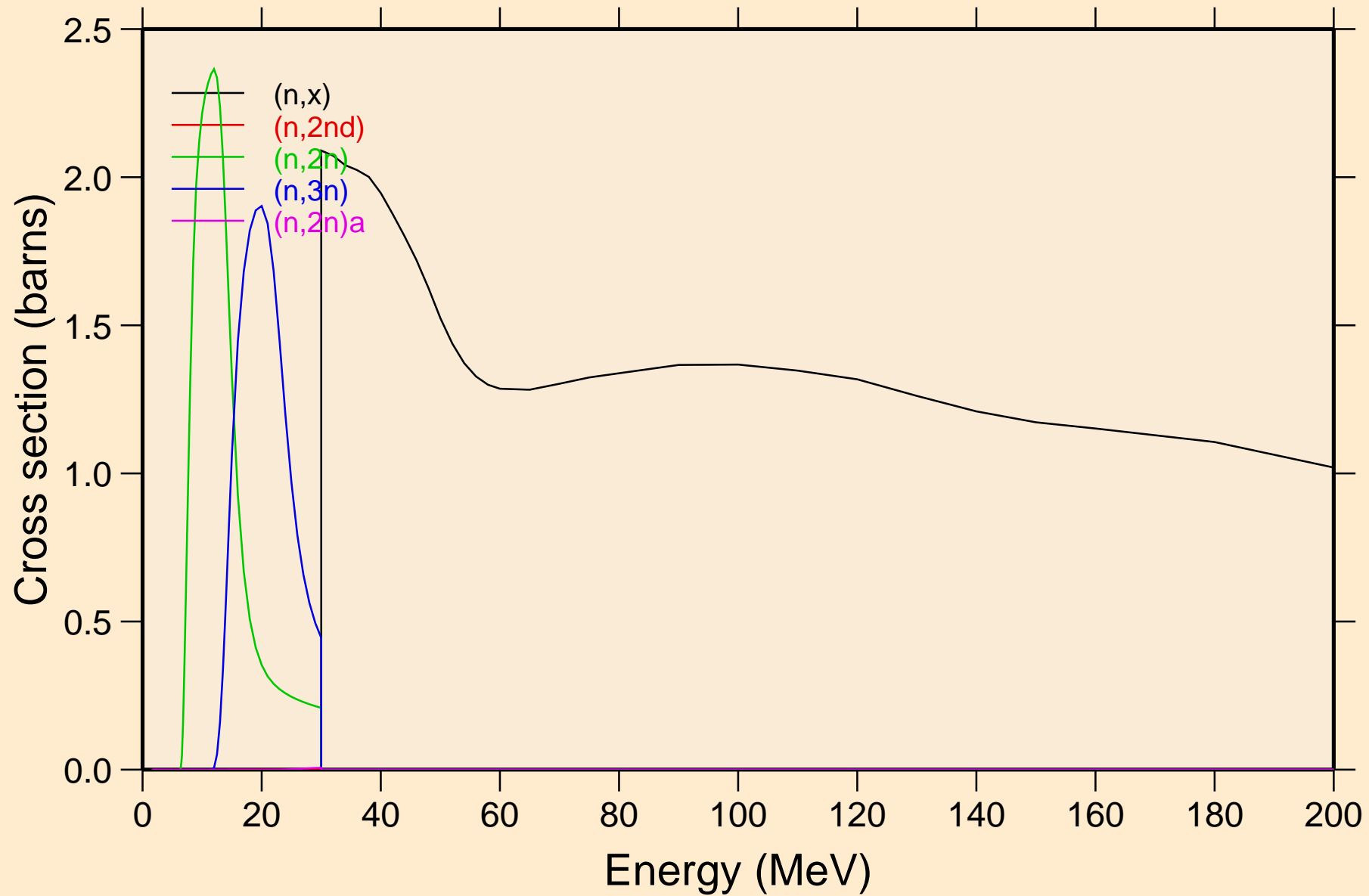
AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



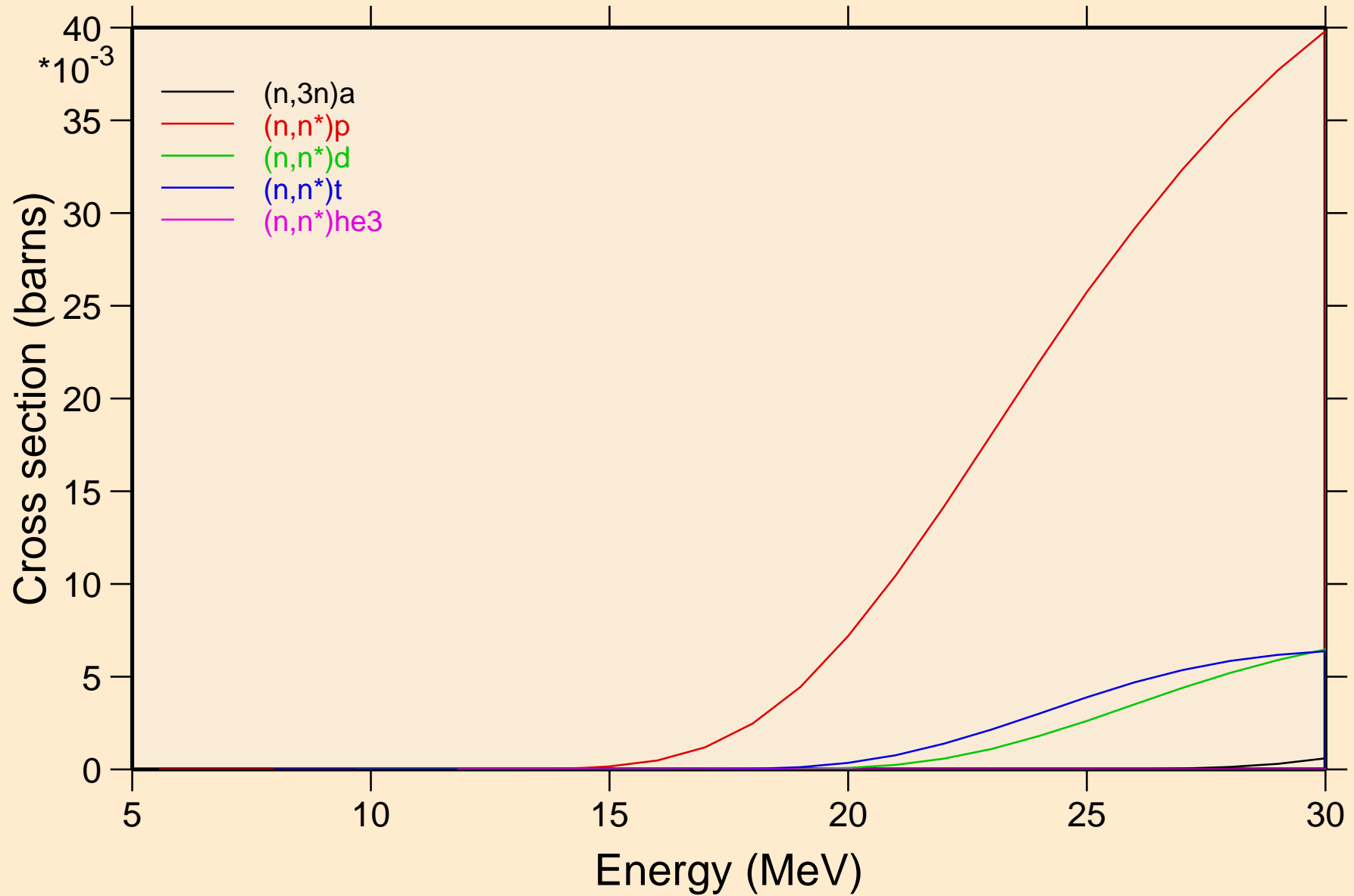
AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



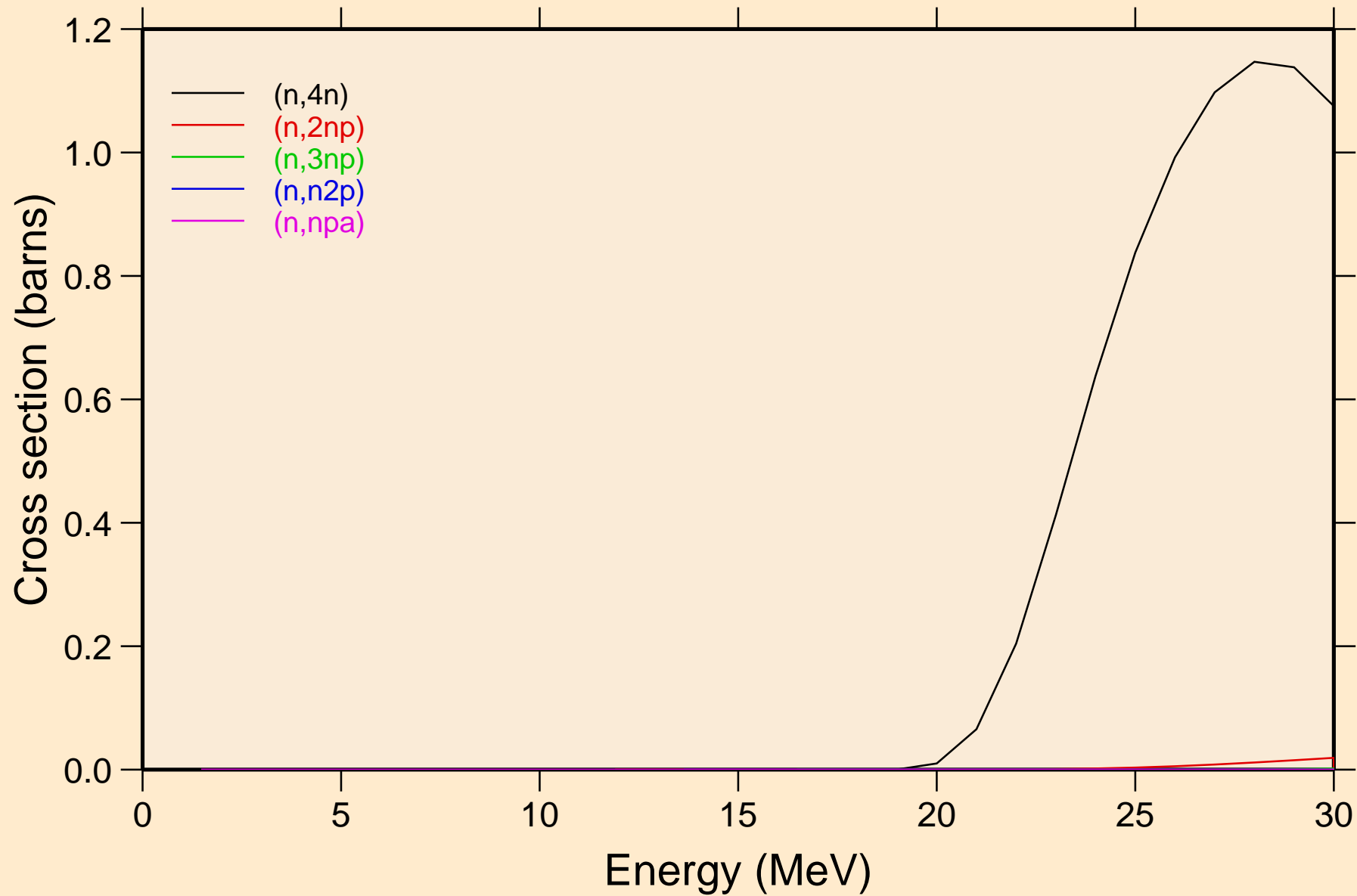
AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



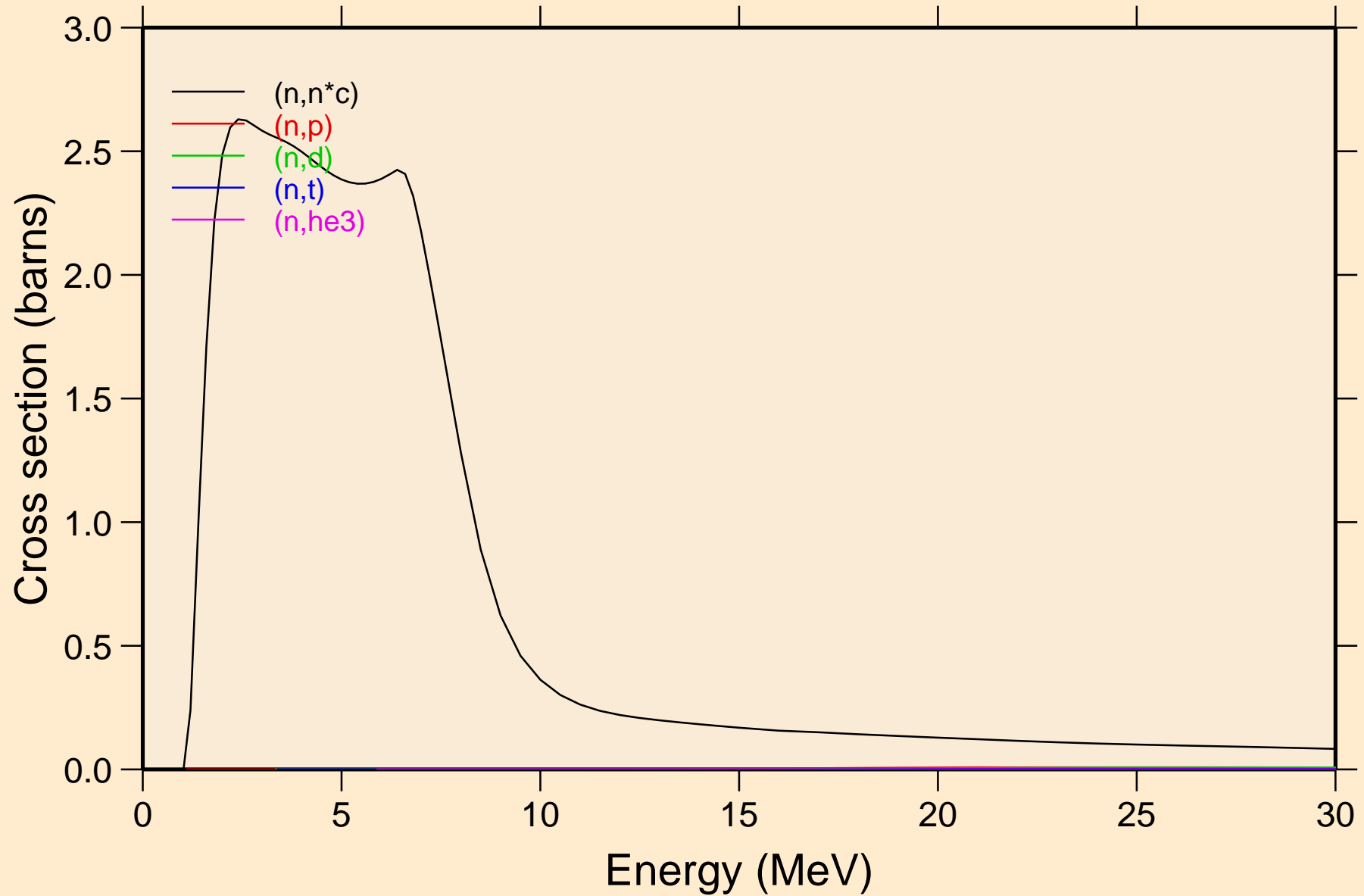
AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

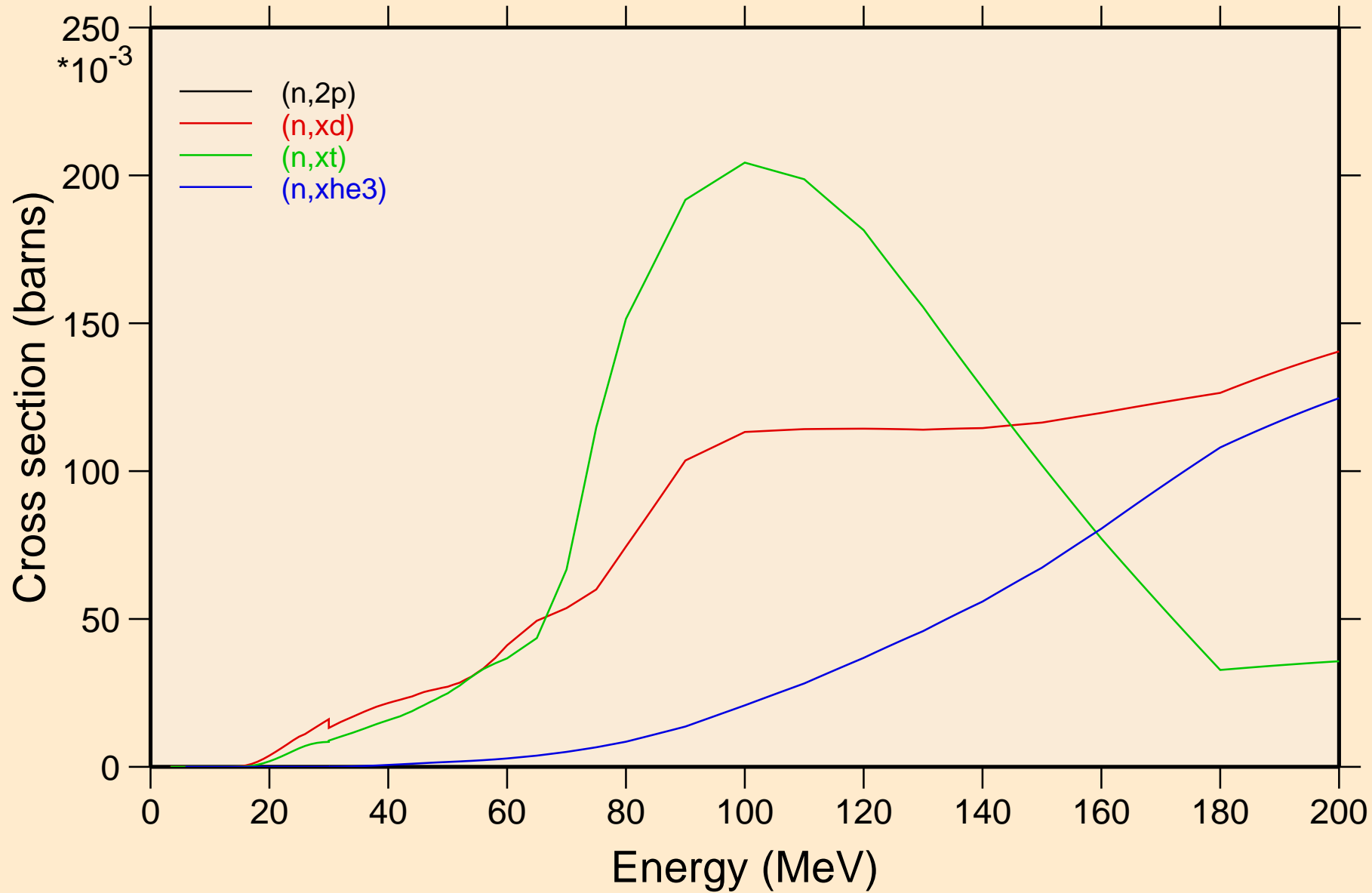


AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

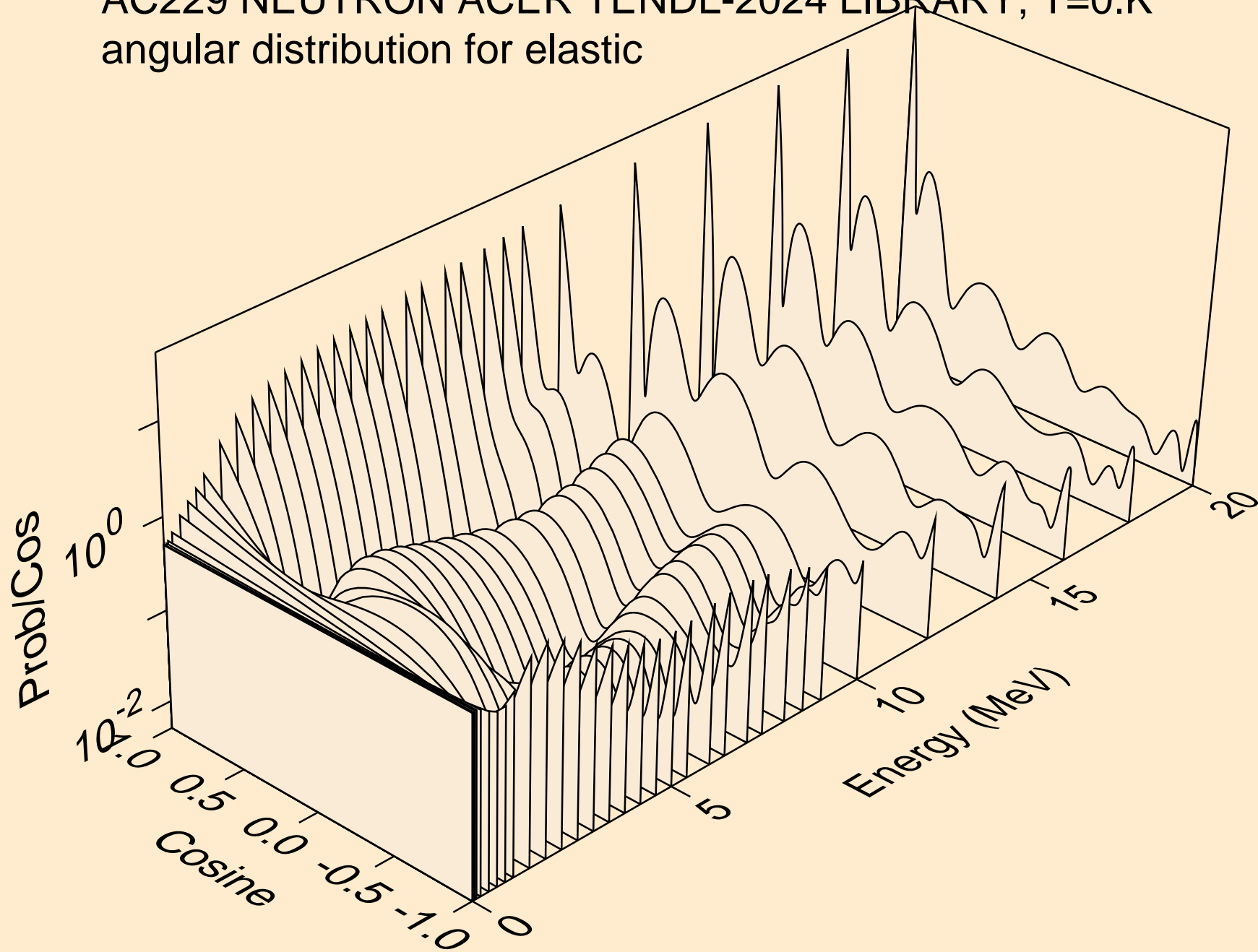


# AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

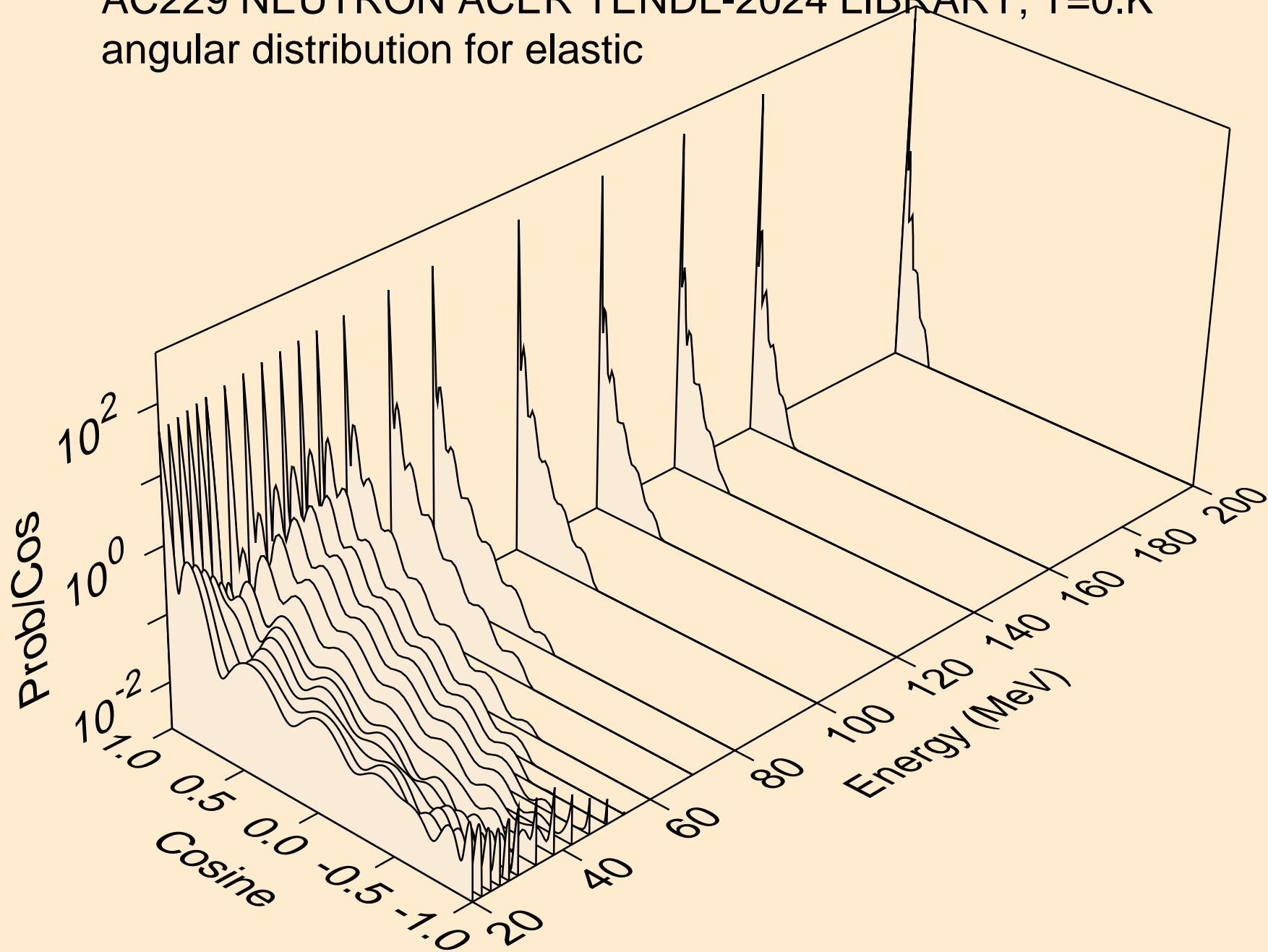


AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

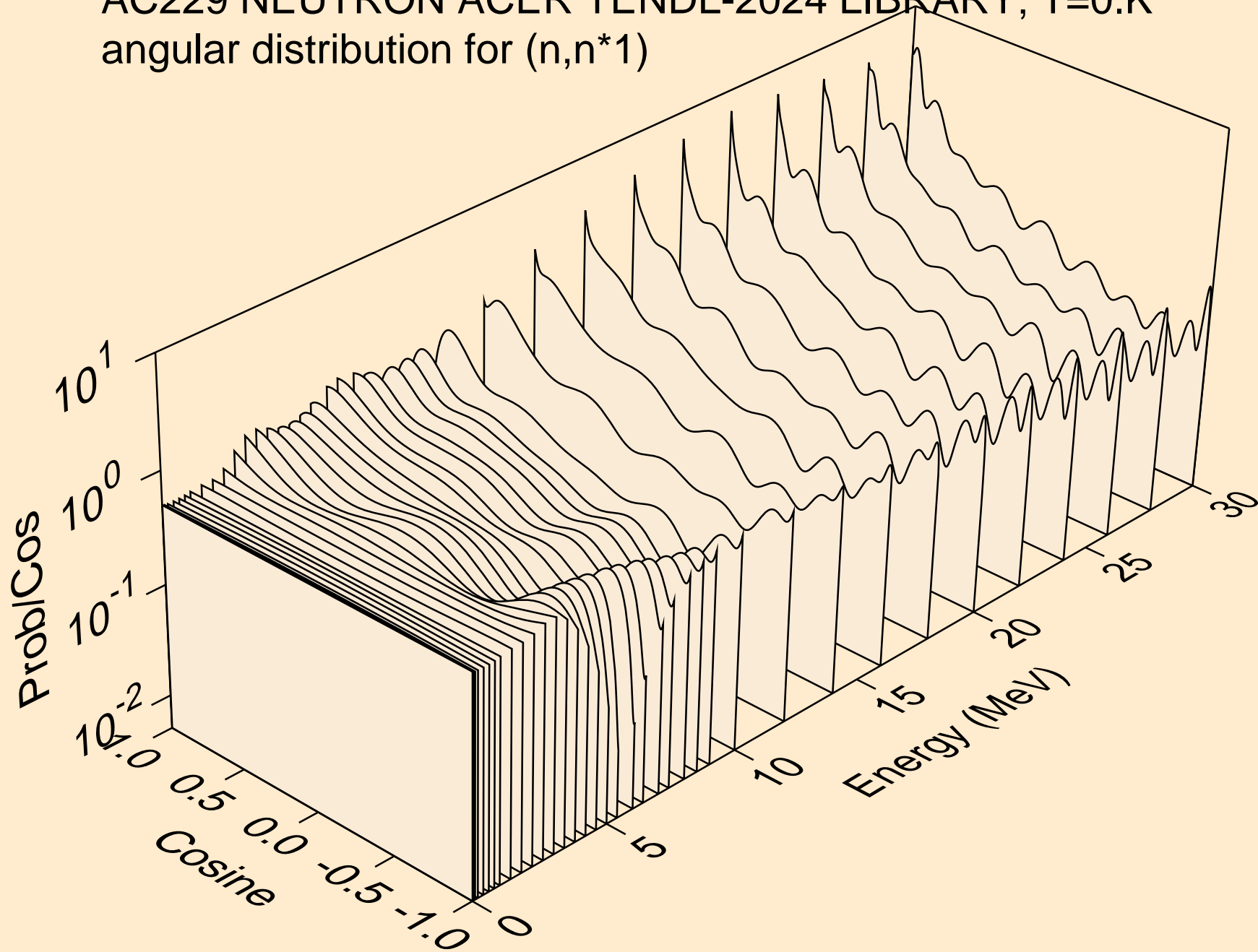




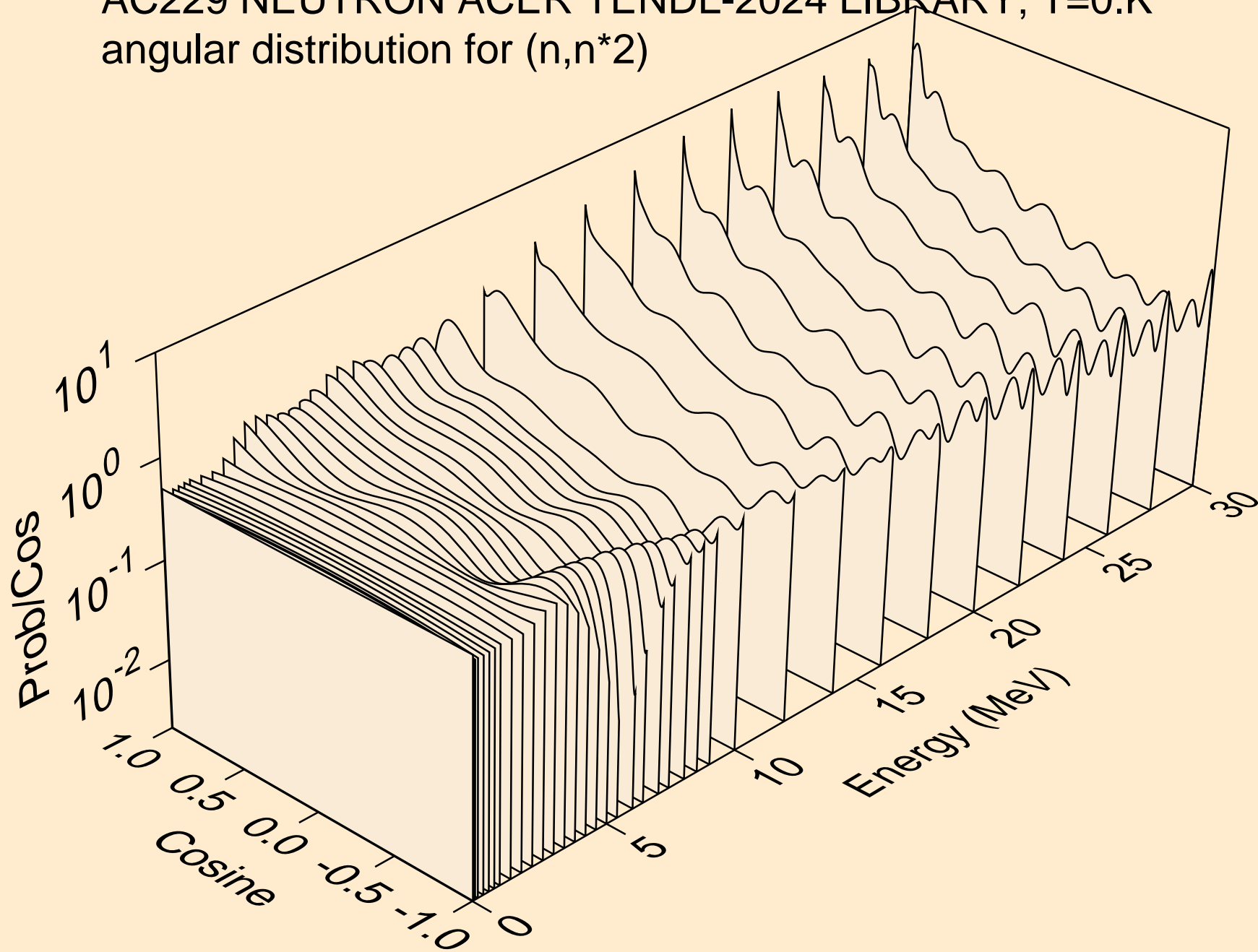
AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



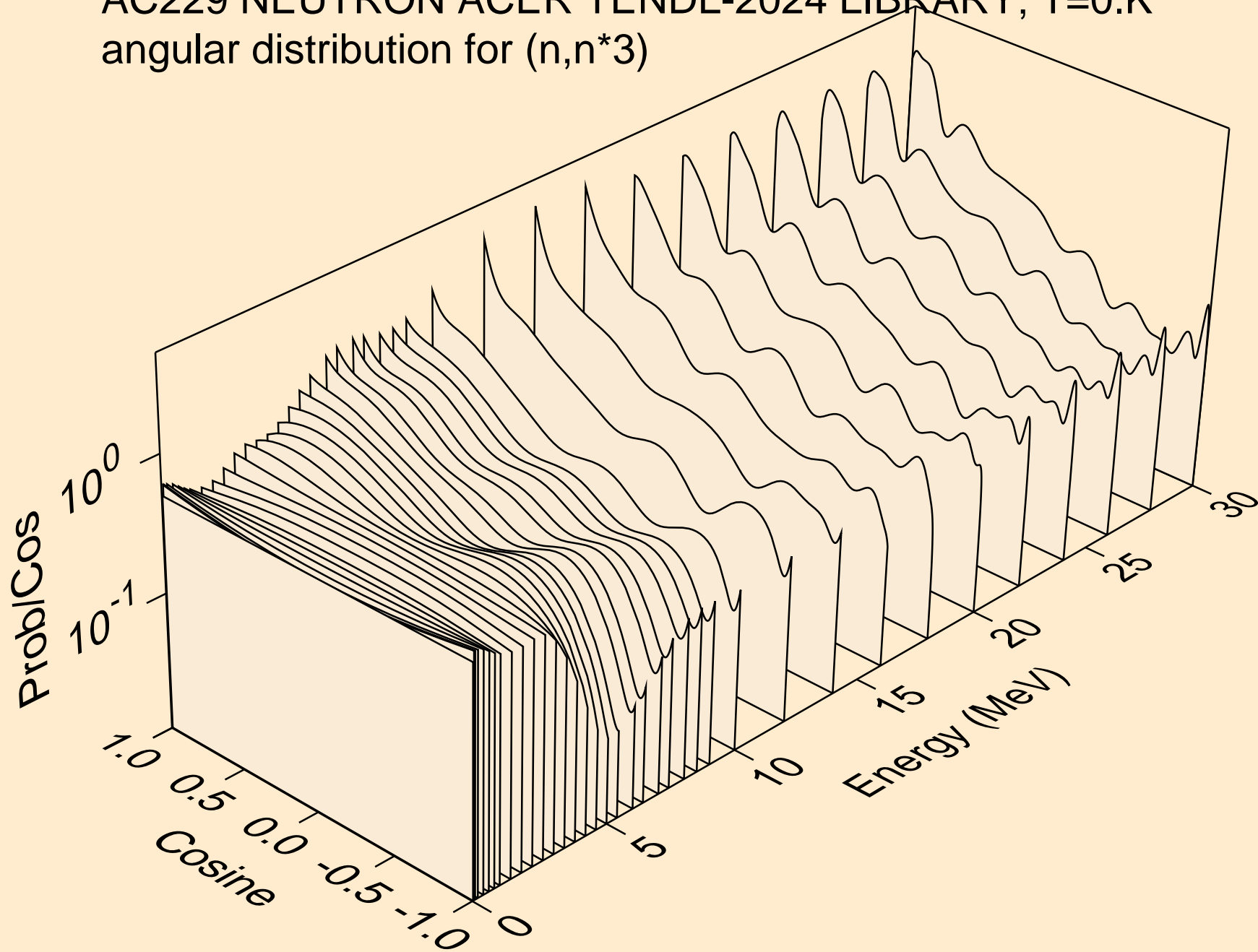
AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



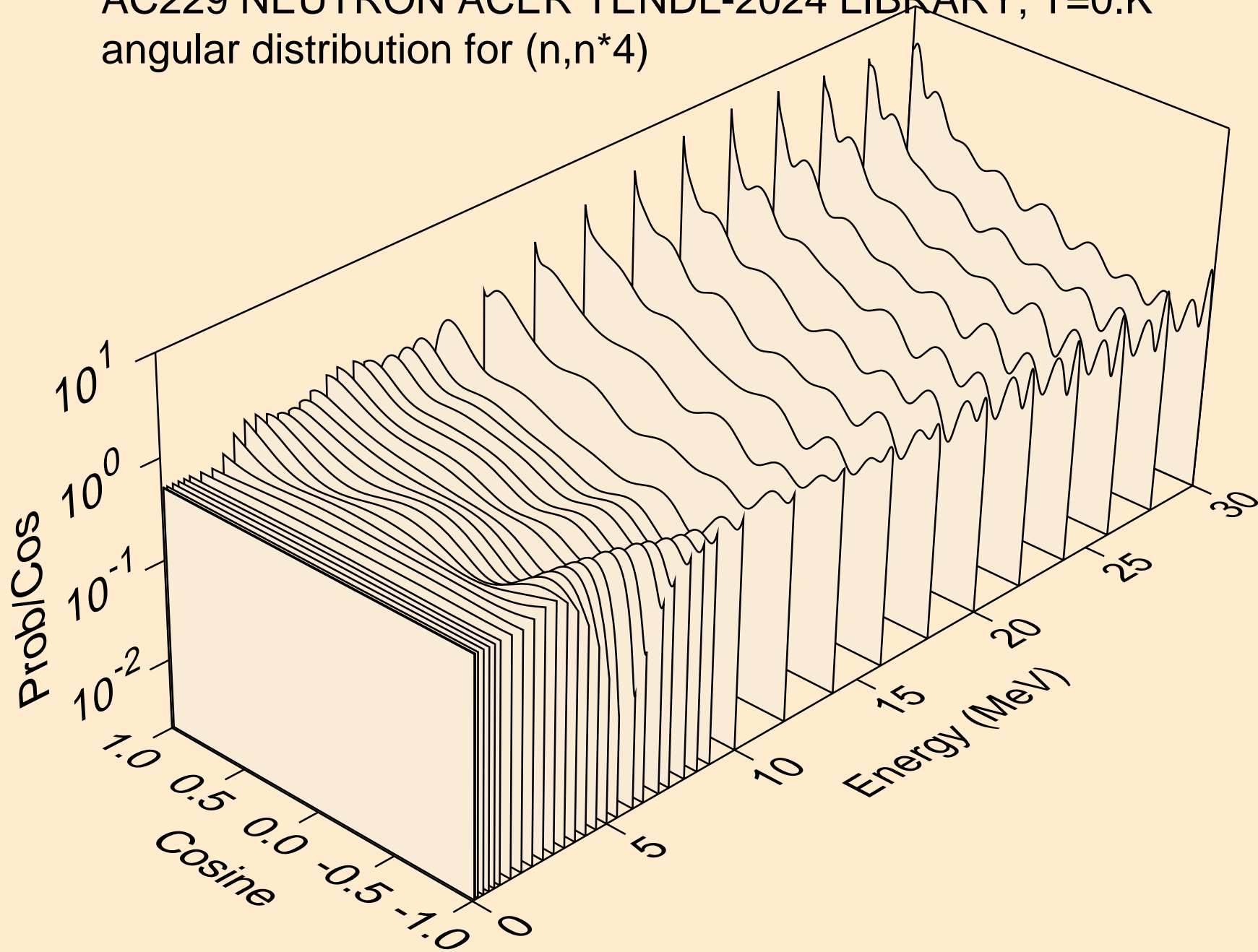
AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



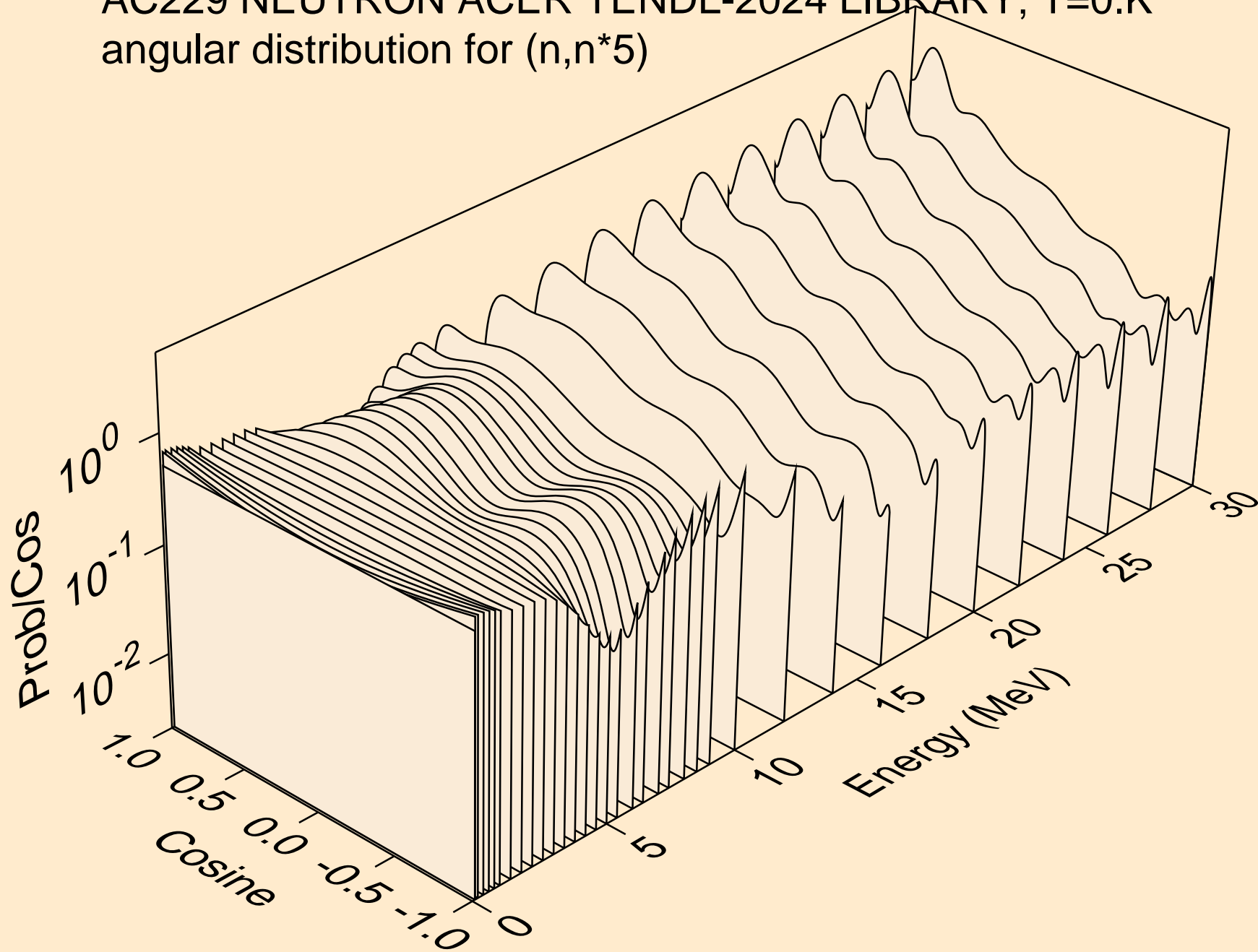
AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



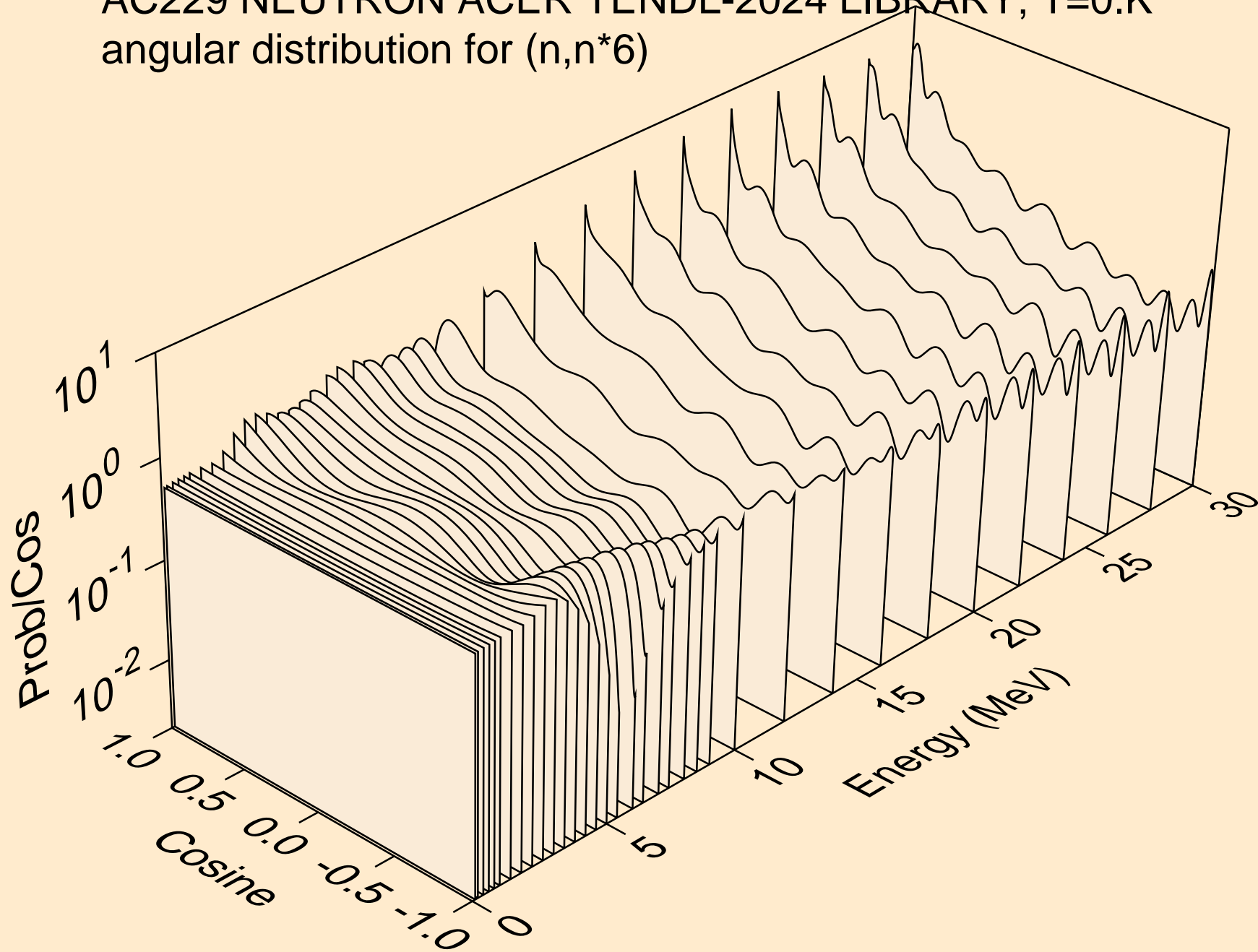
AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



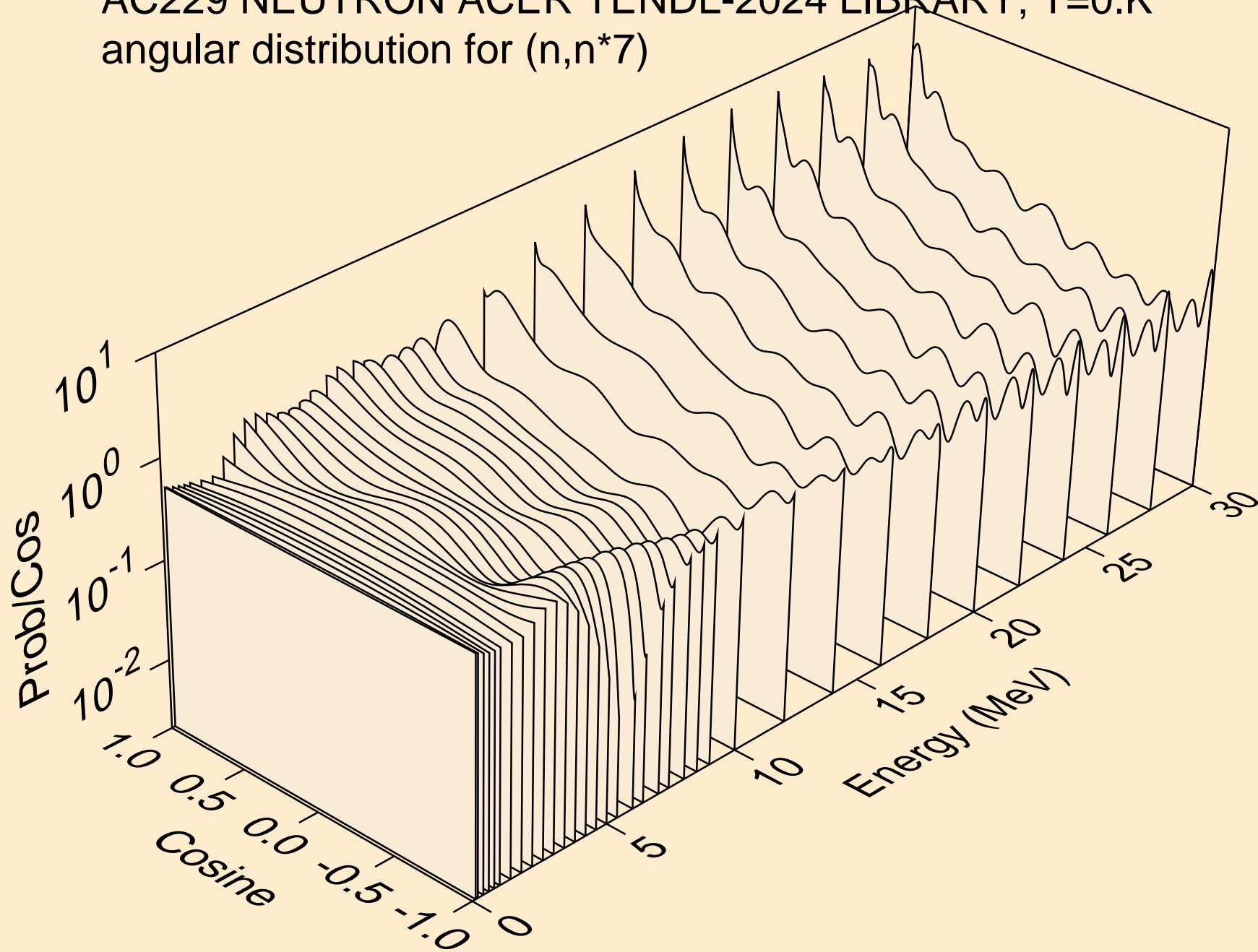
AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)

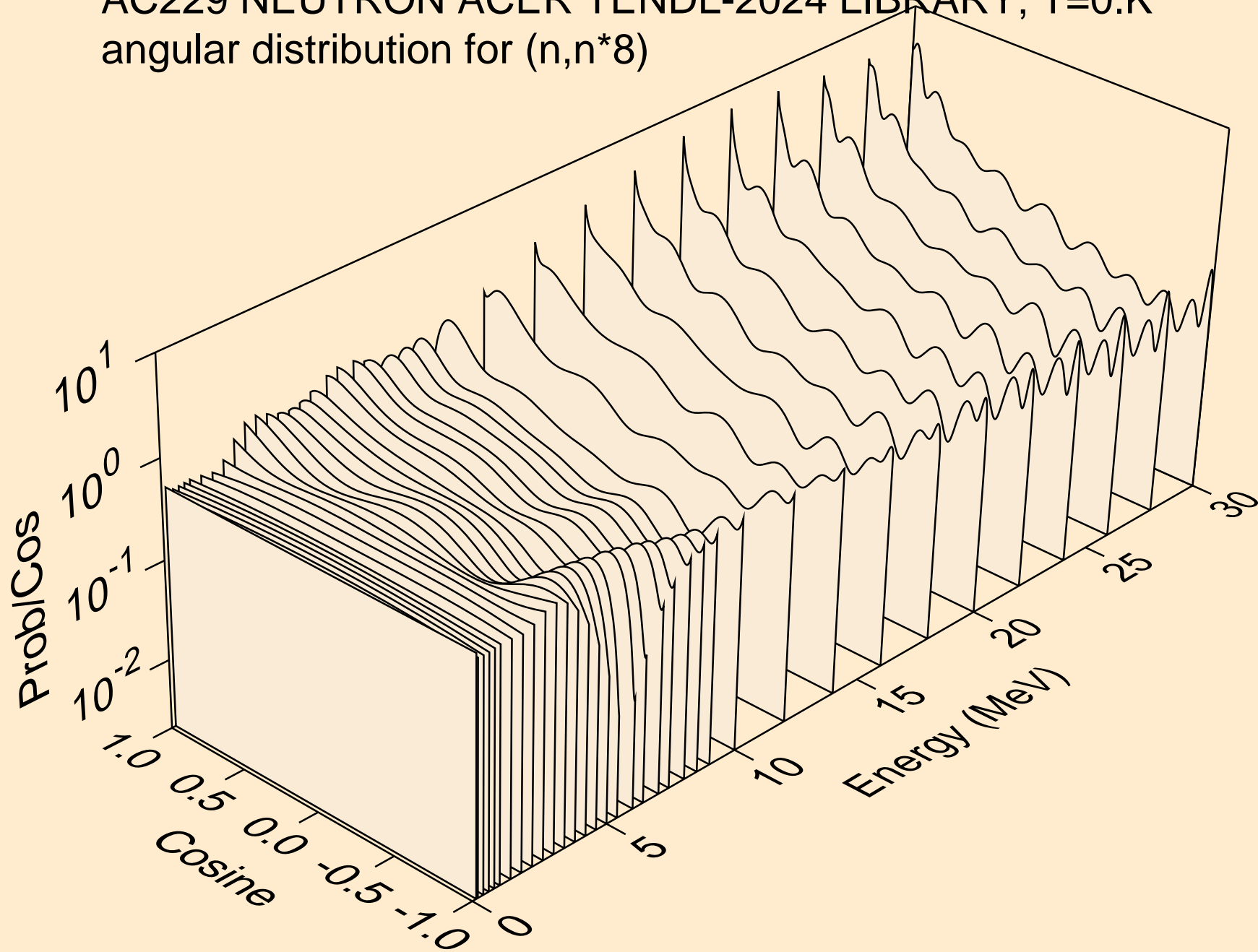


AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)

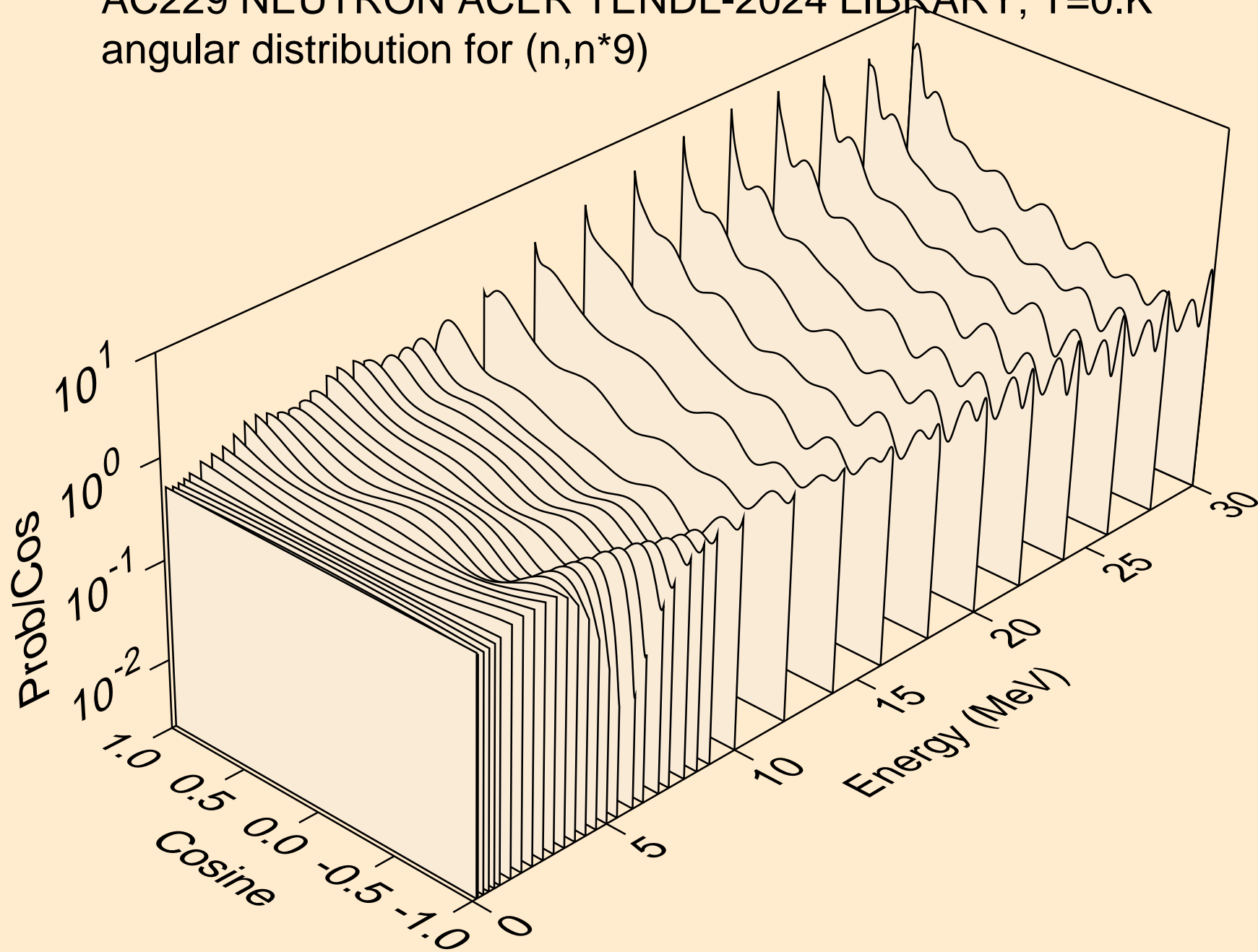




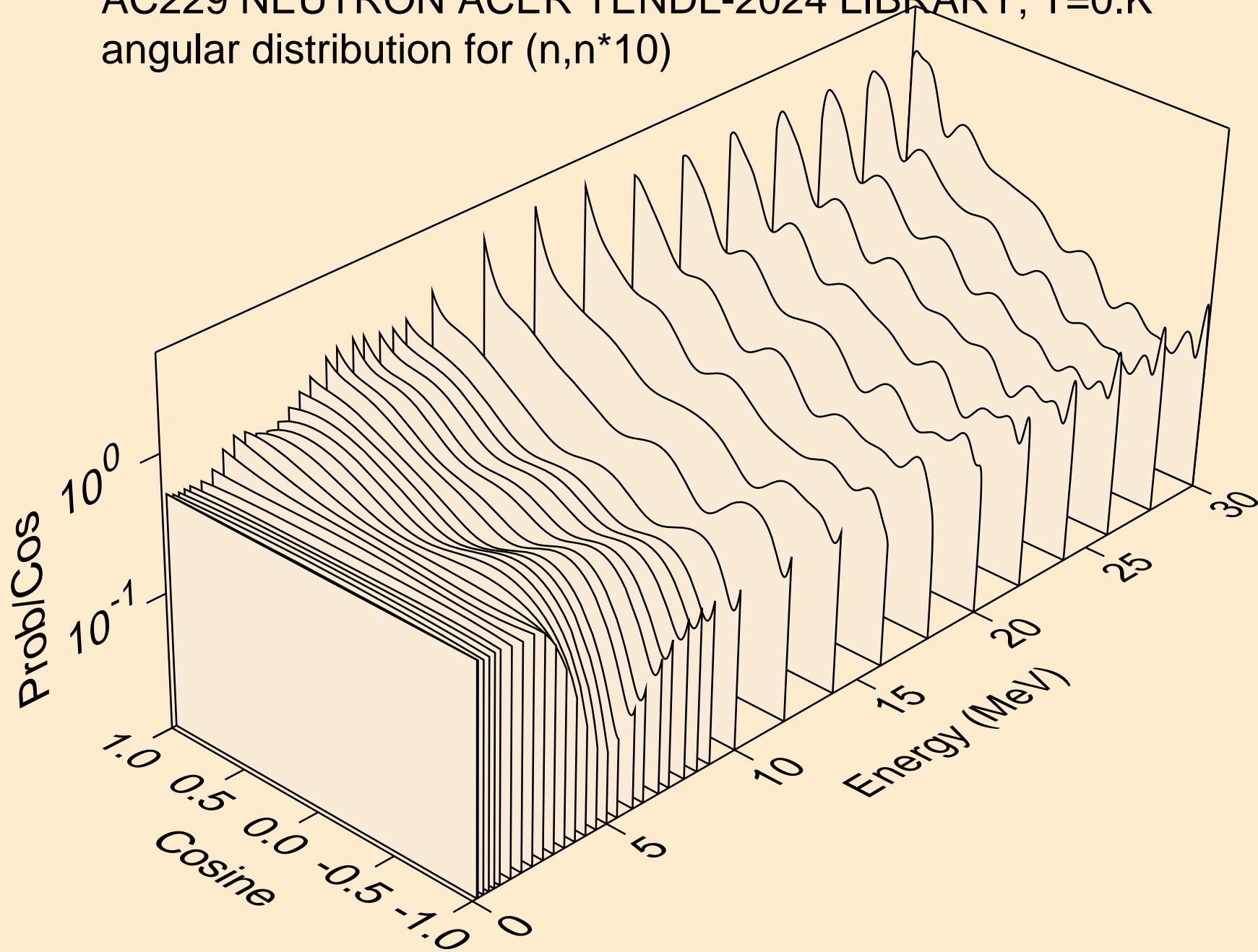
AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



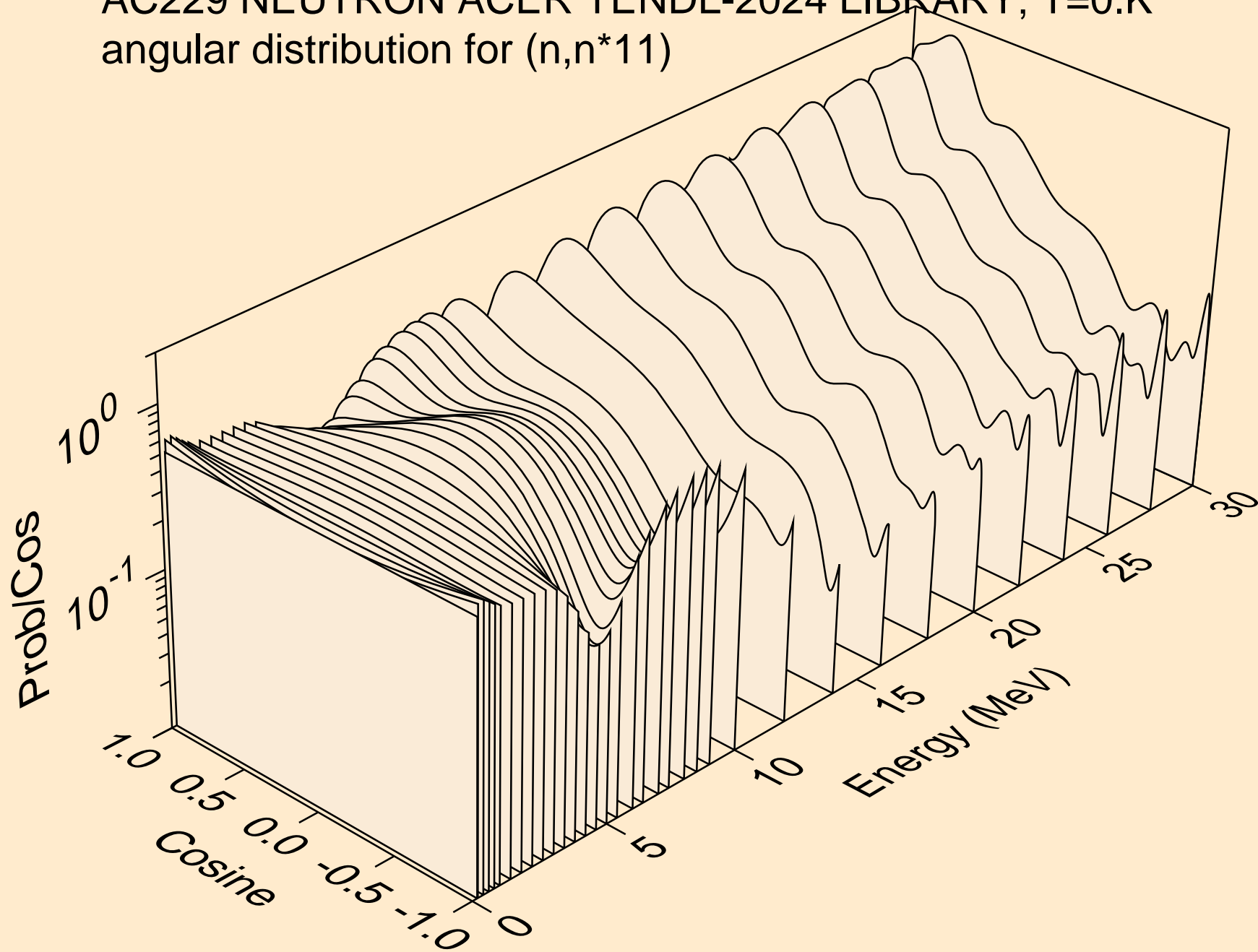
AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



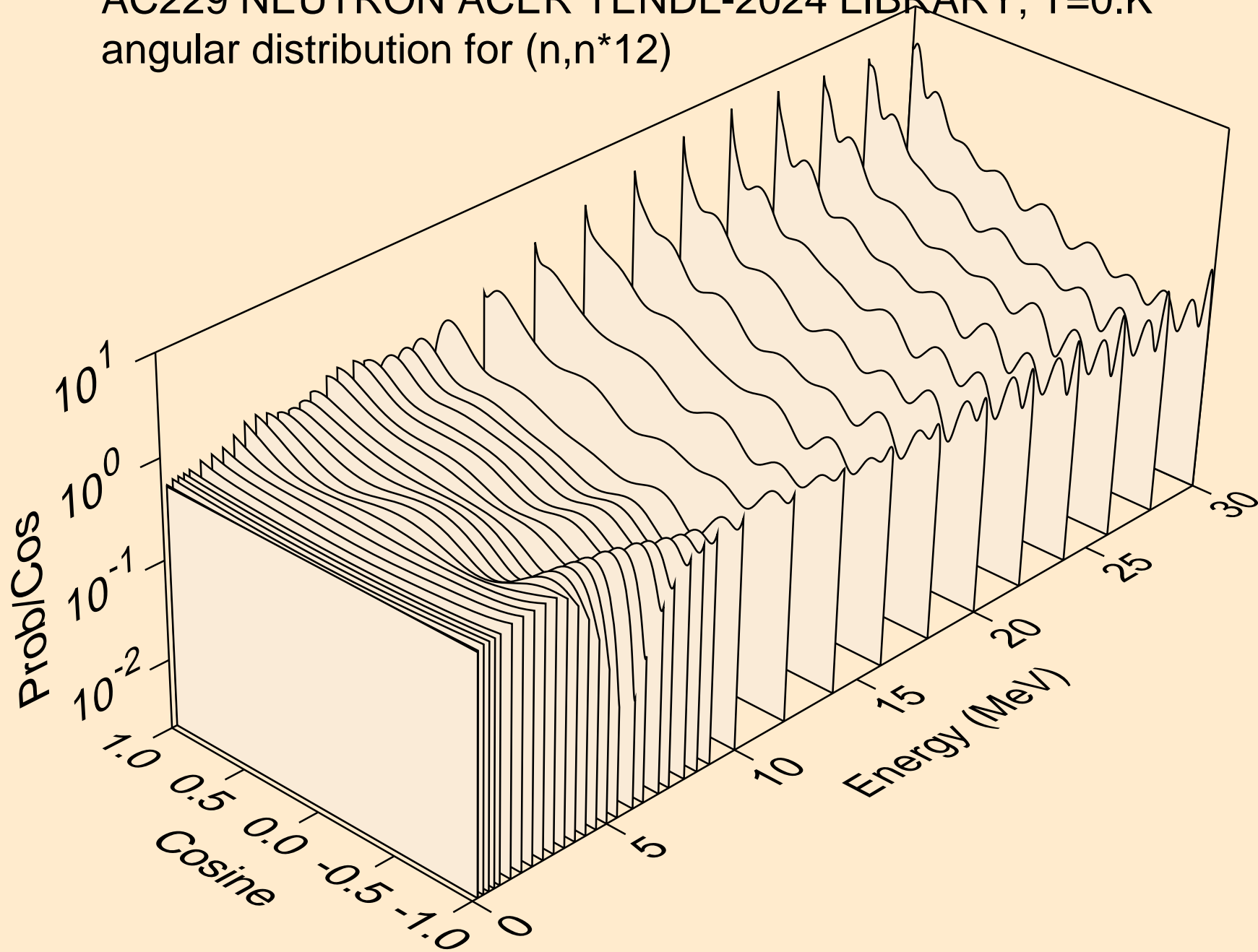
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angular distribution for (n,n\*10)



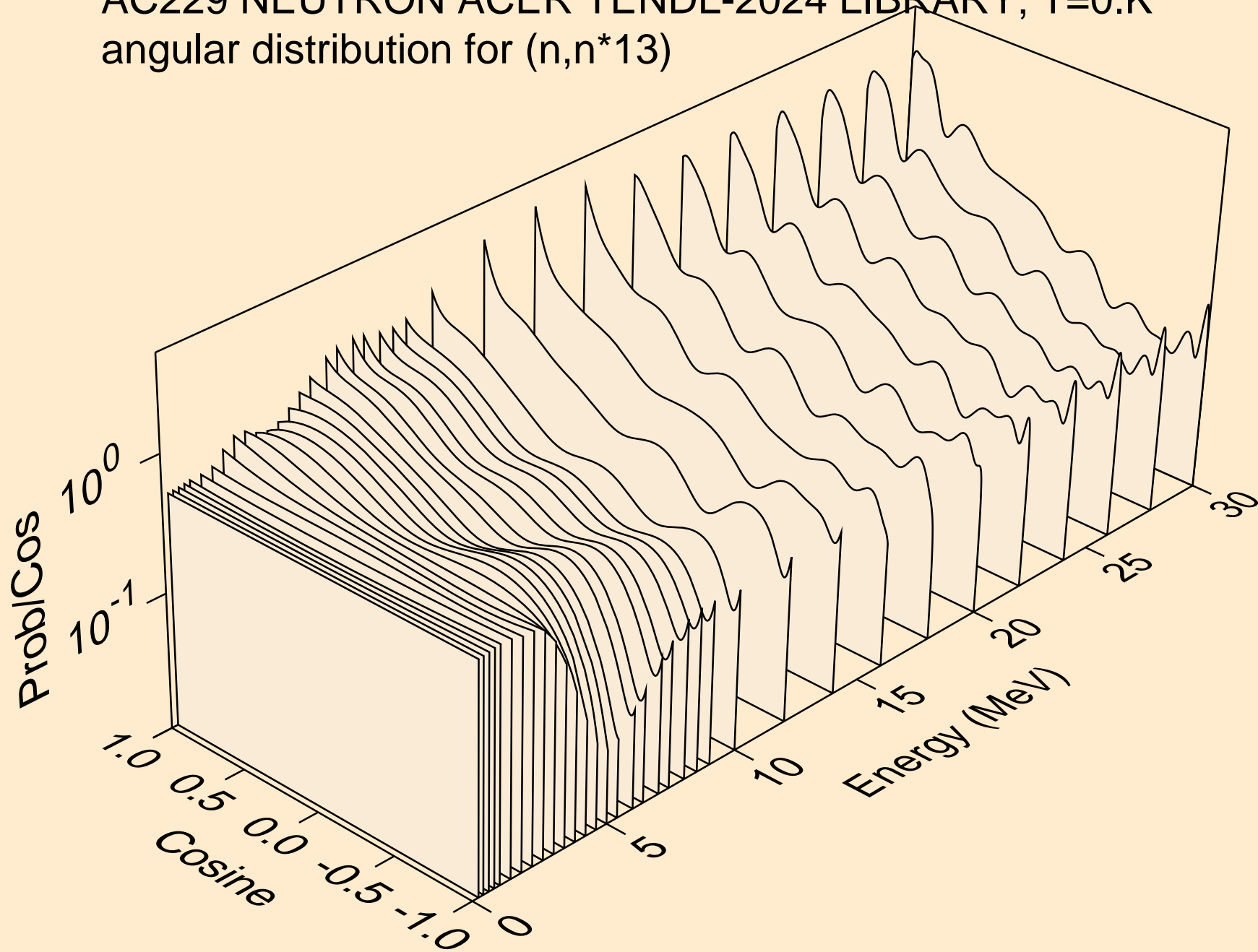
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angular distribution for (n,n\*11)



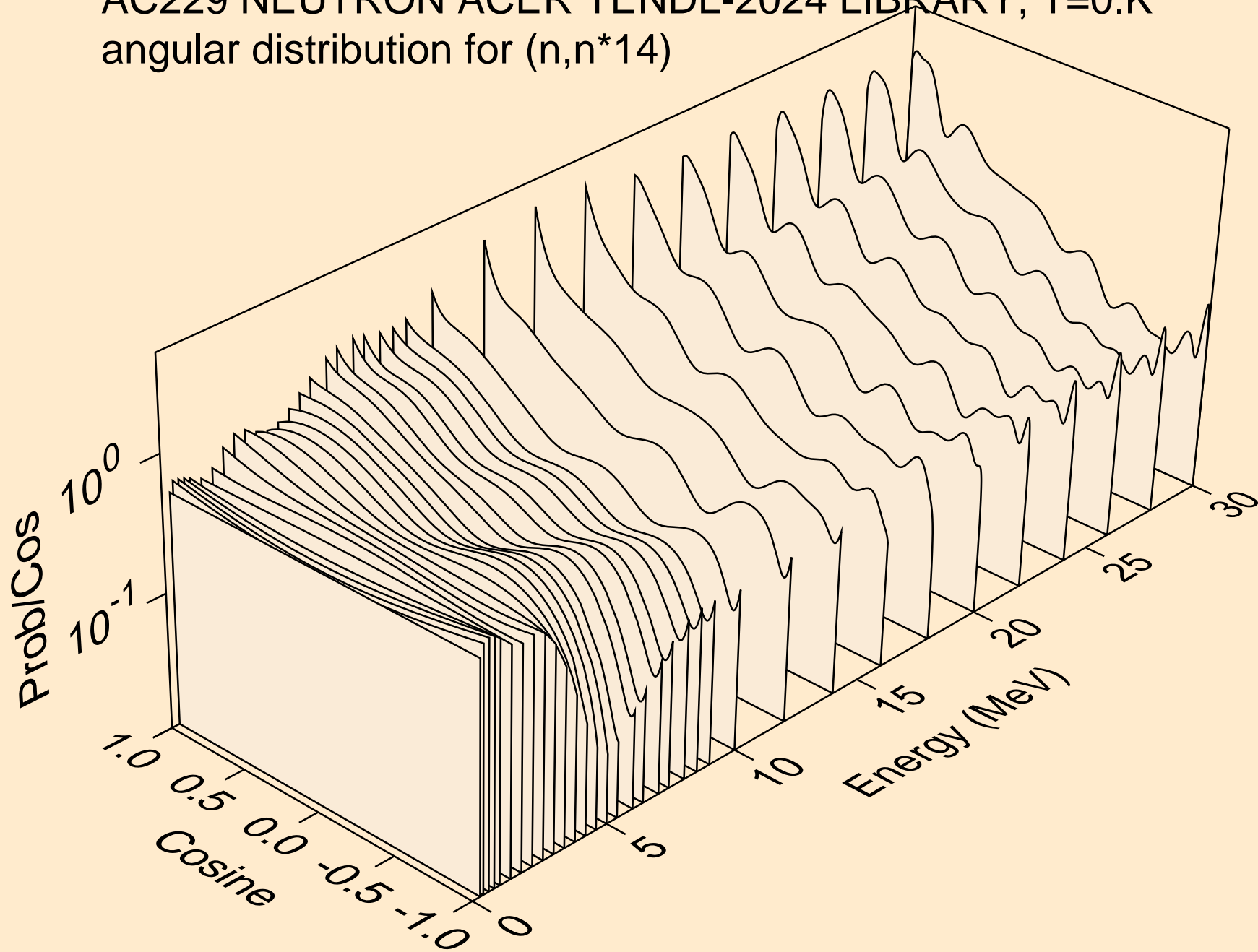
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angular distribution for (n,n\*12)



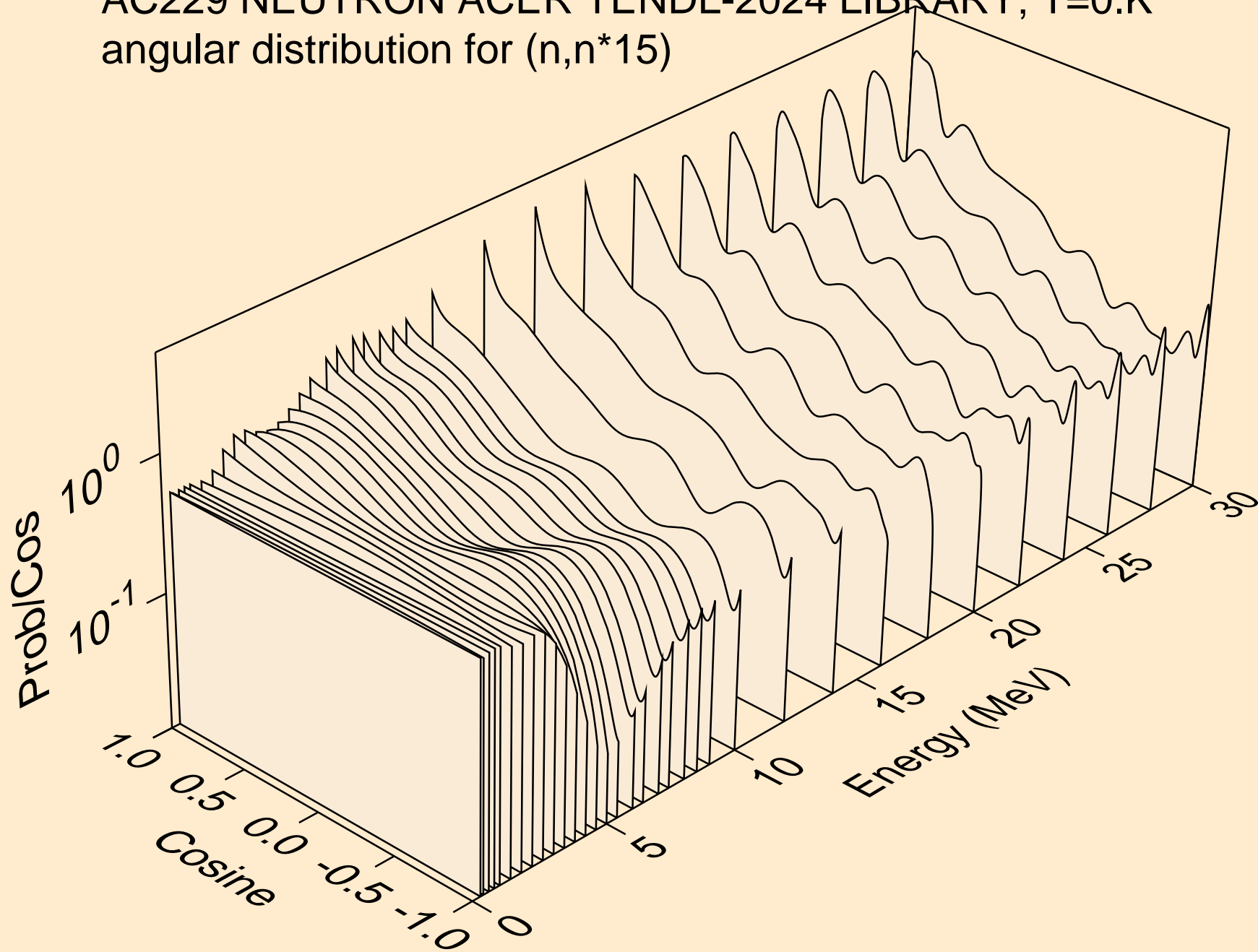
AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*14)

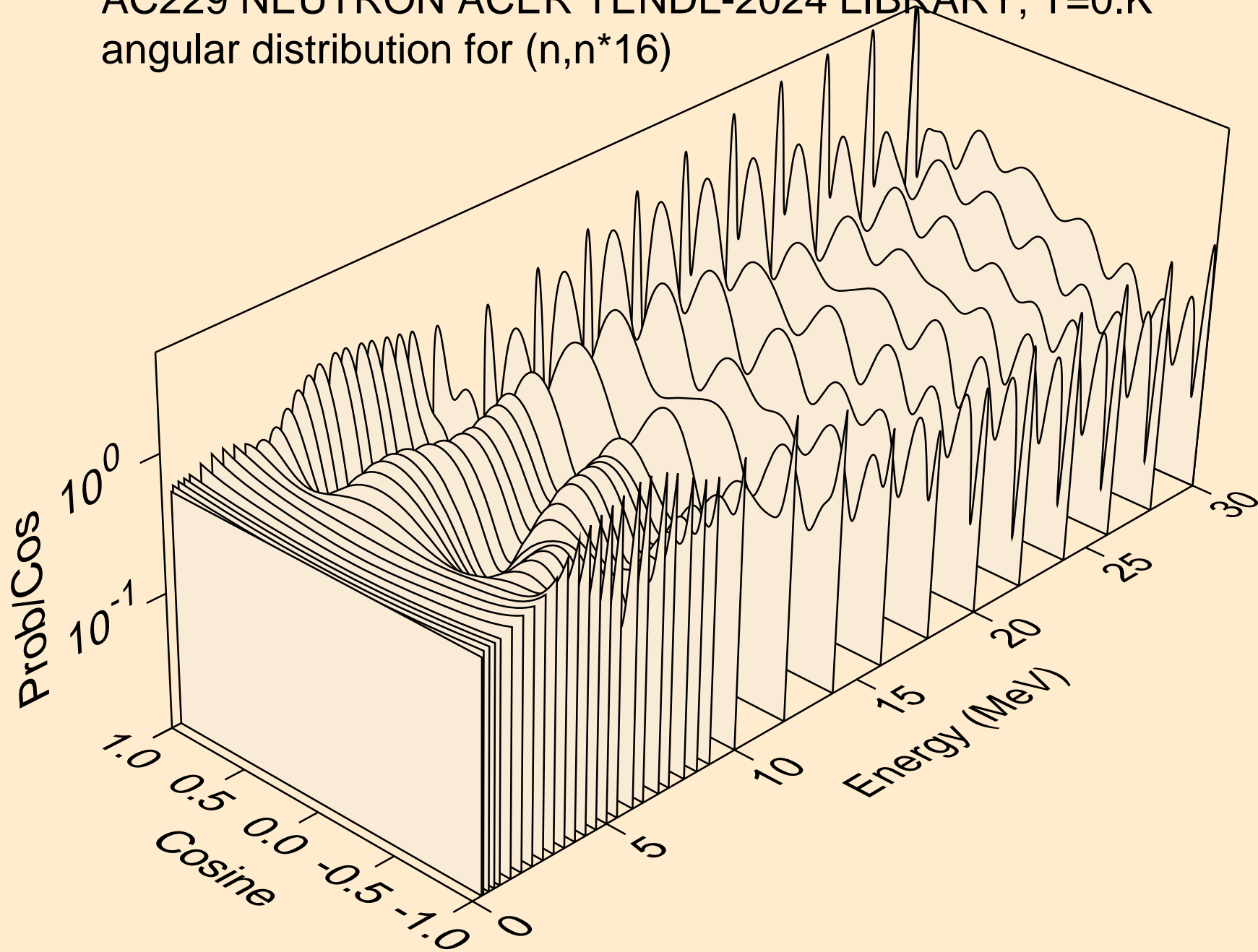


AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)

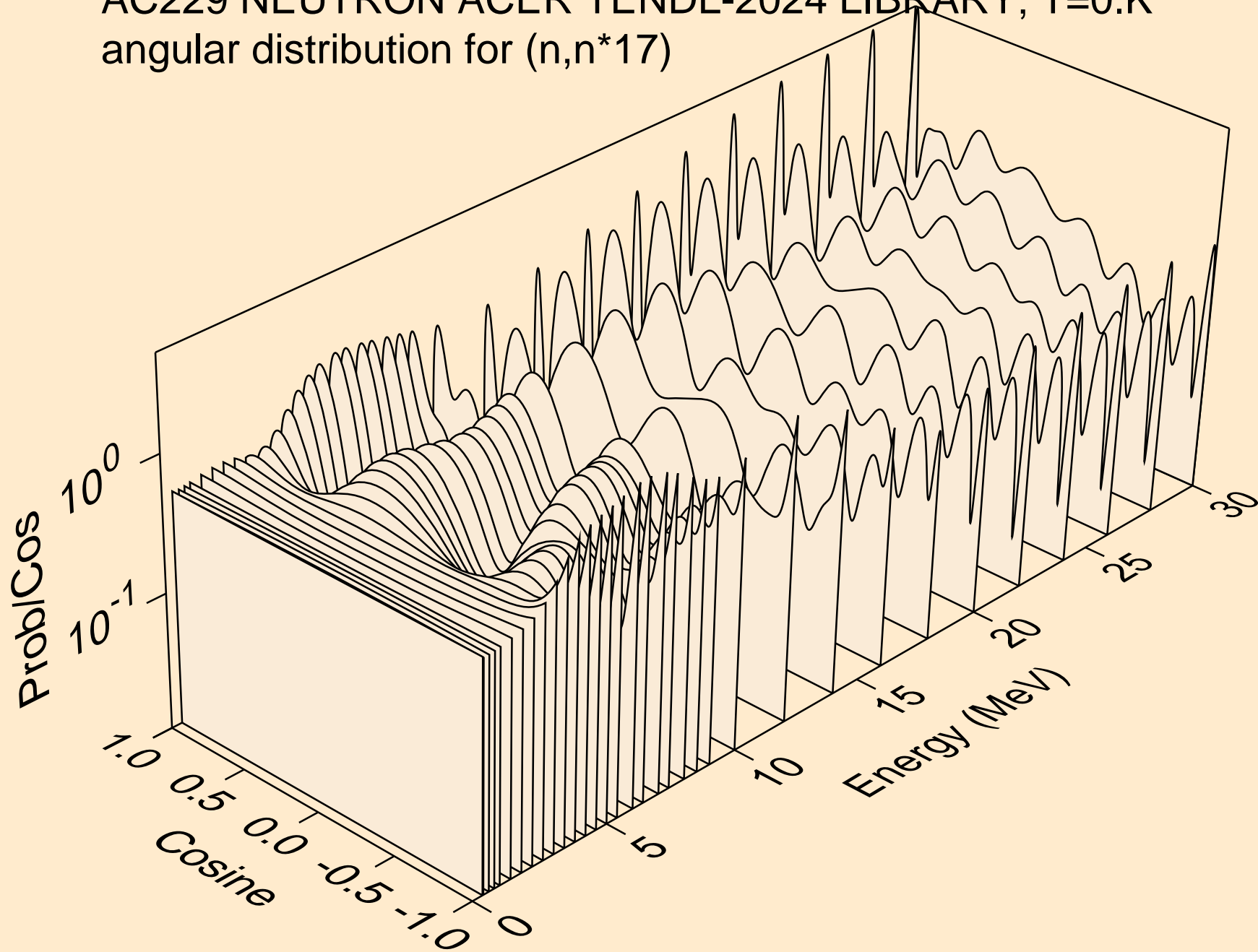




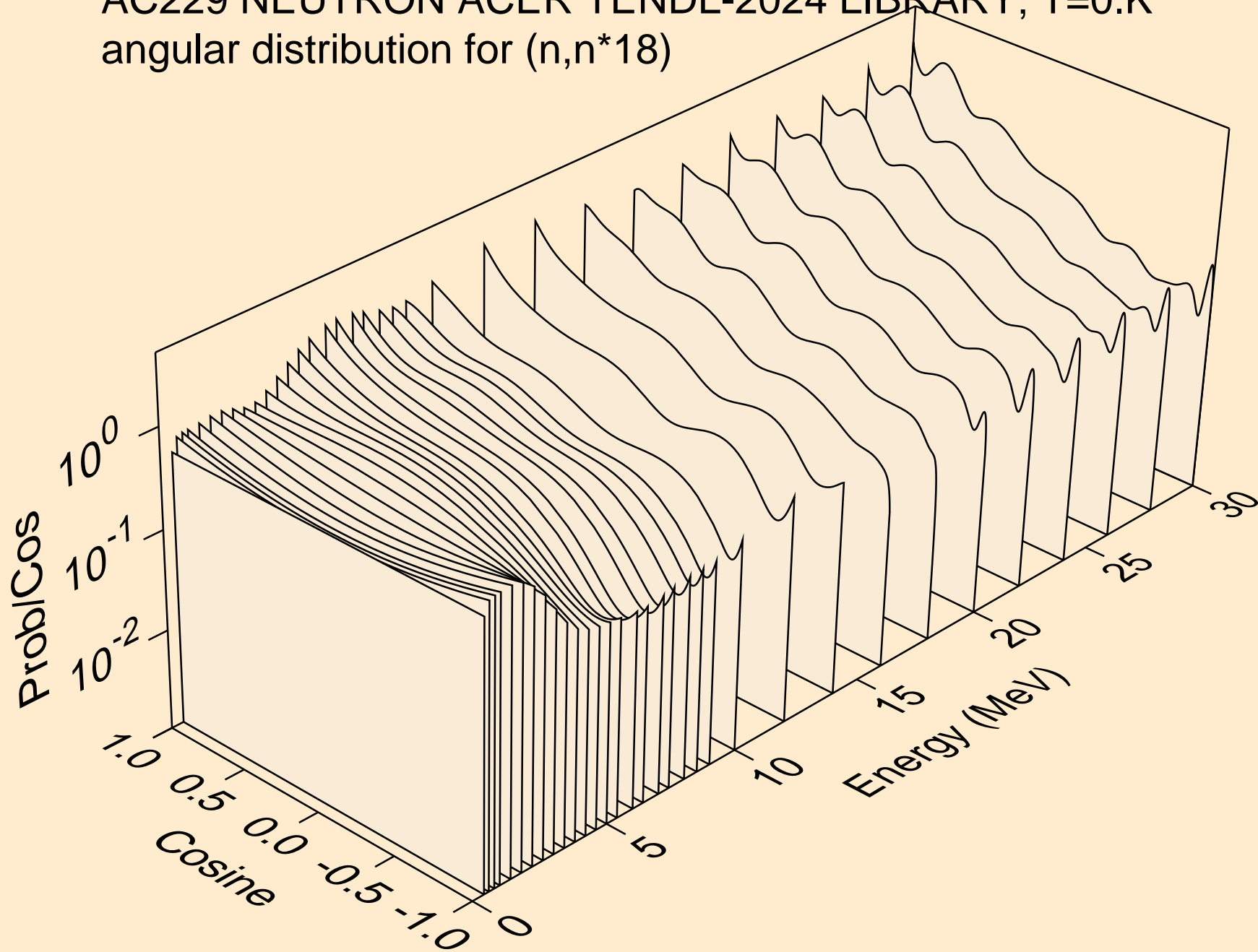
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angular distribution for (n,n\*16)



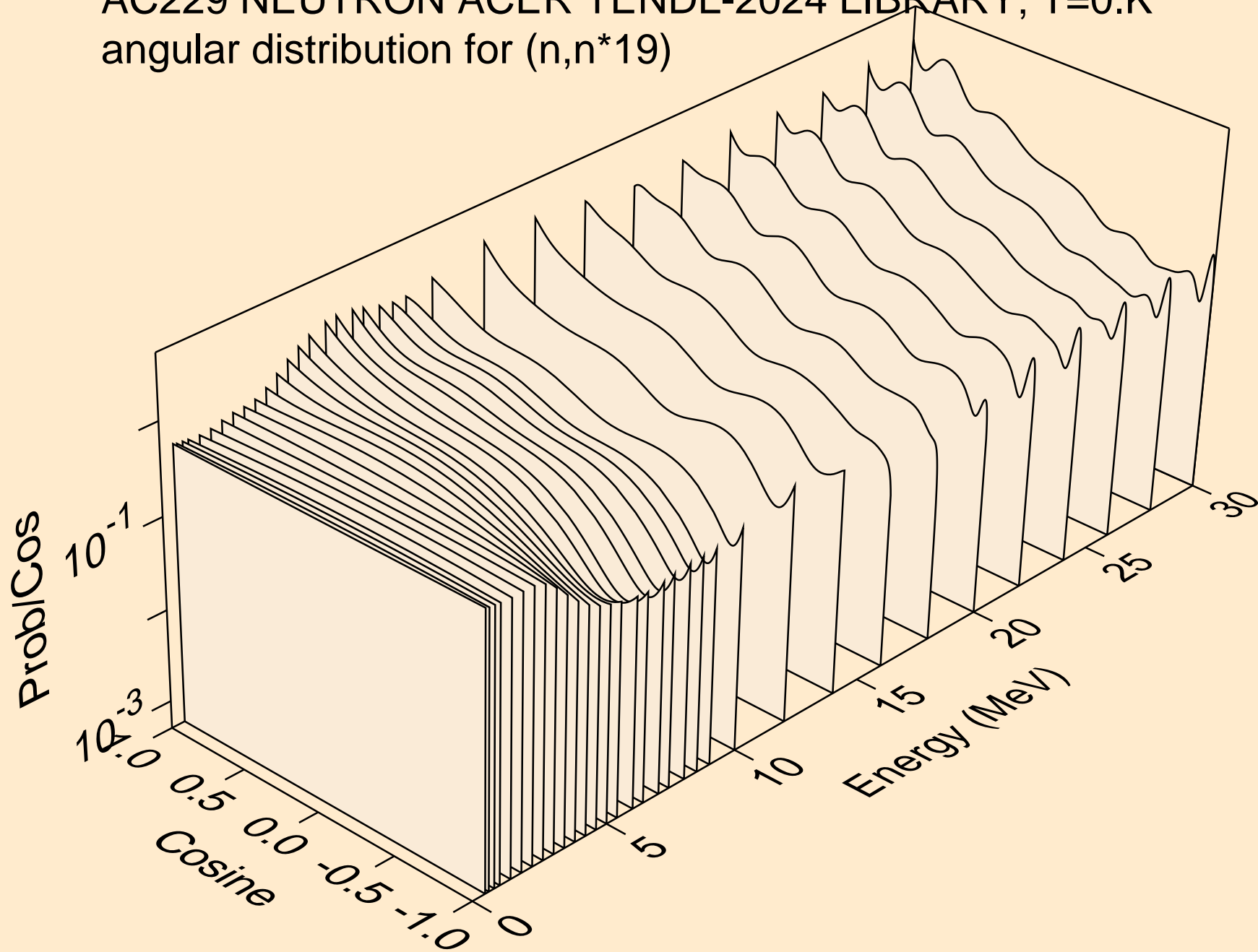
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angular distribution for (n,n\*17)



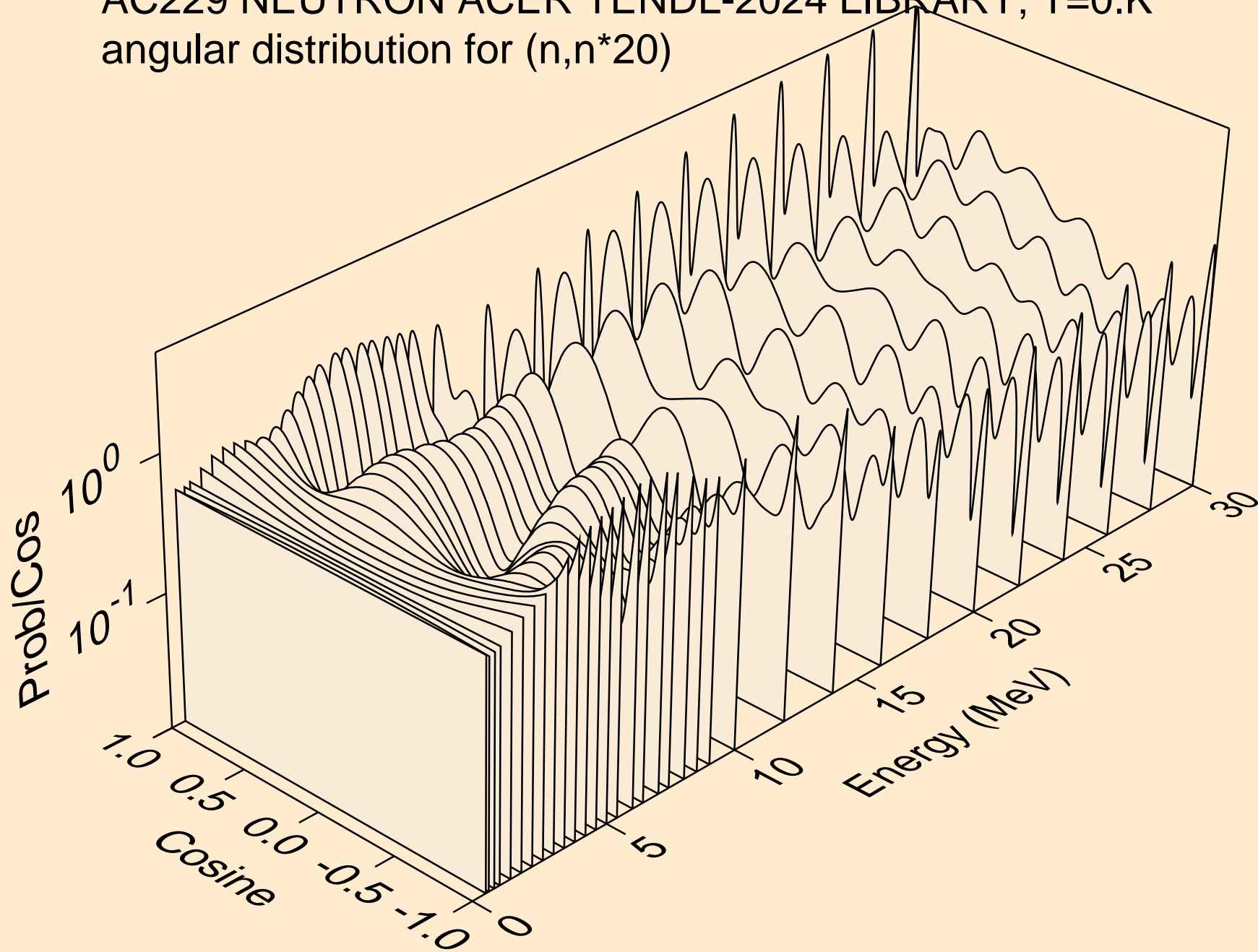
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angular distribution for (n,n\*18)



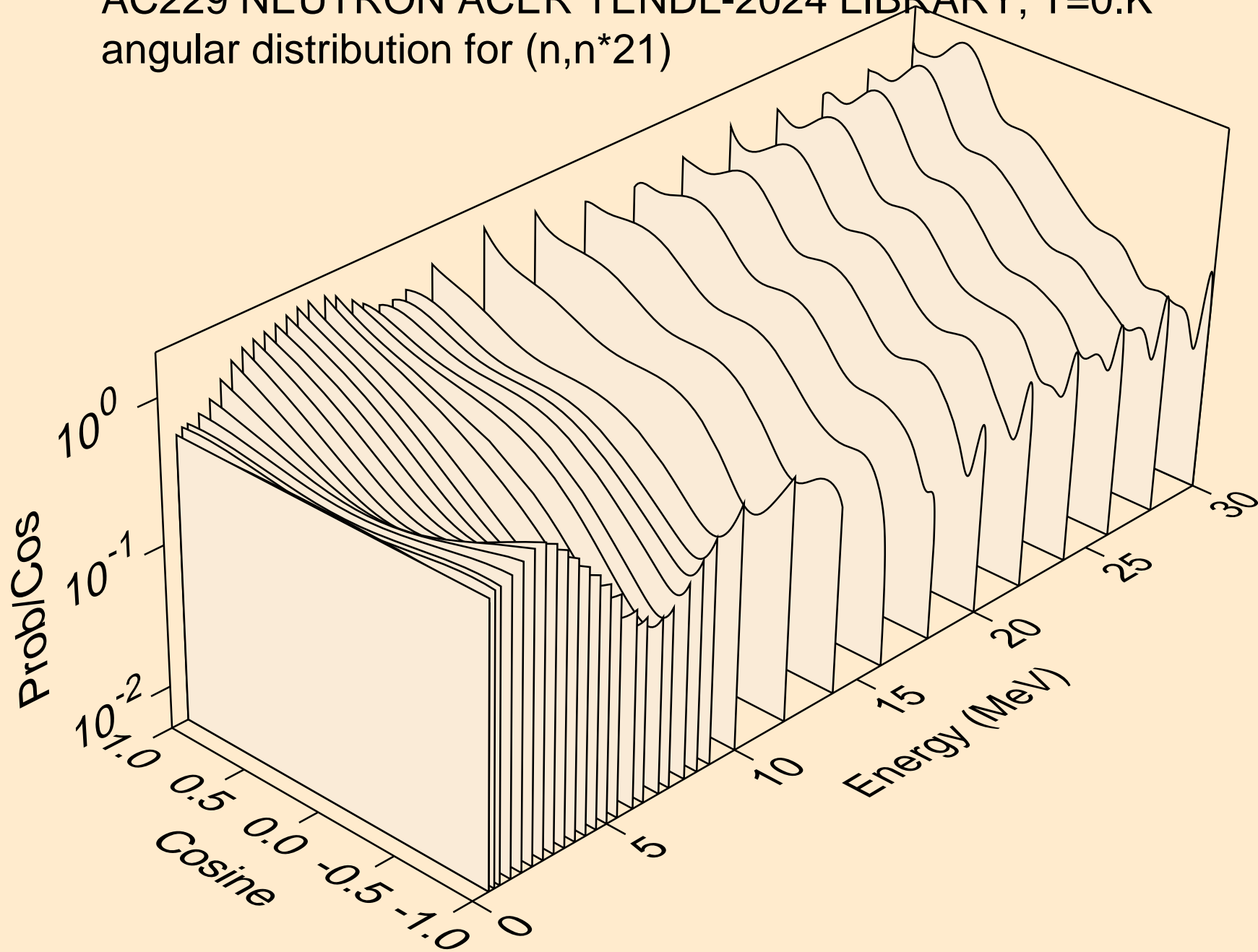
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angular distribution for (n,n\*19)



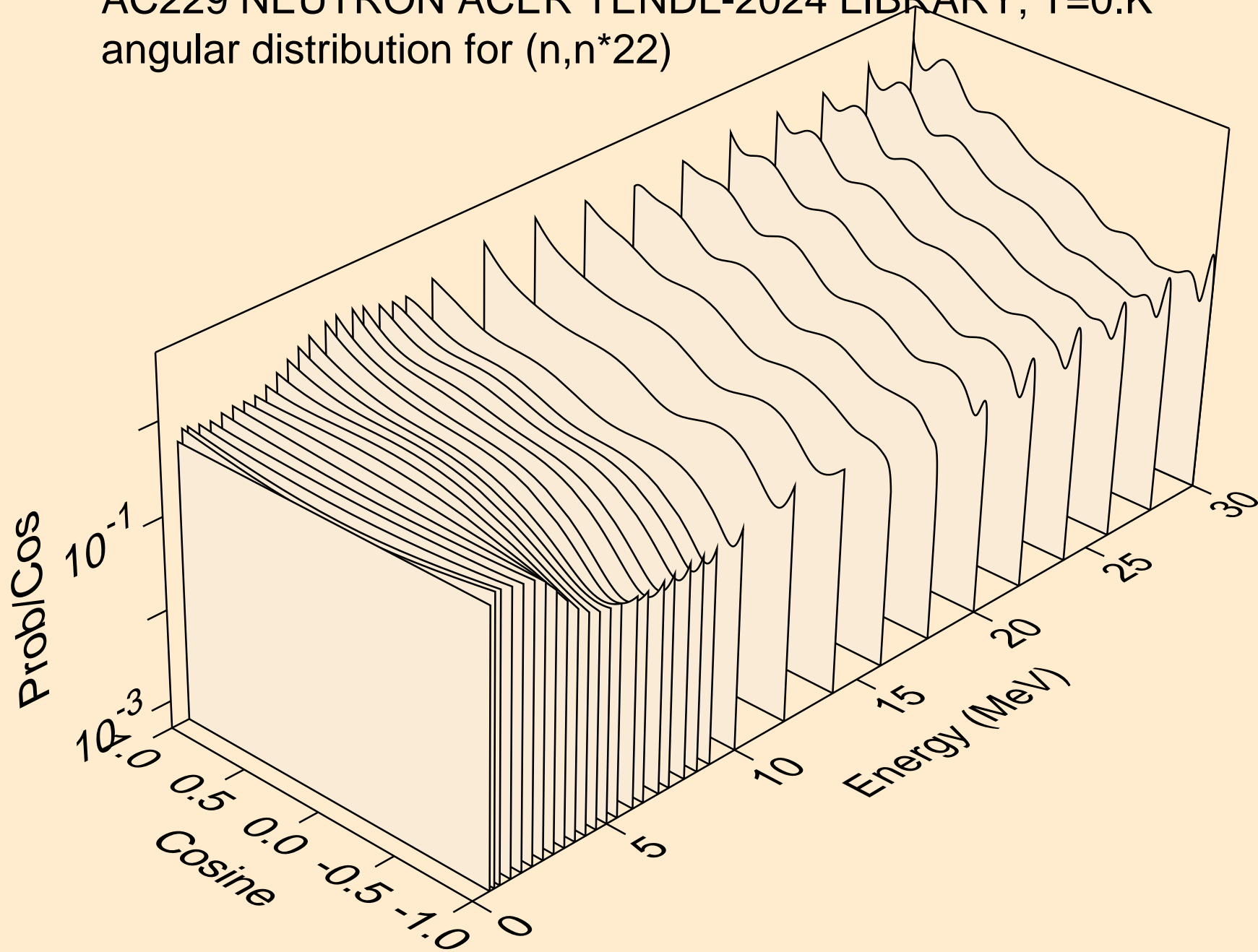
AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



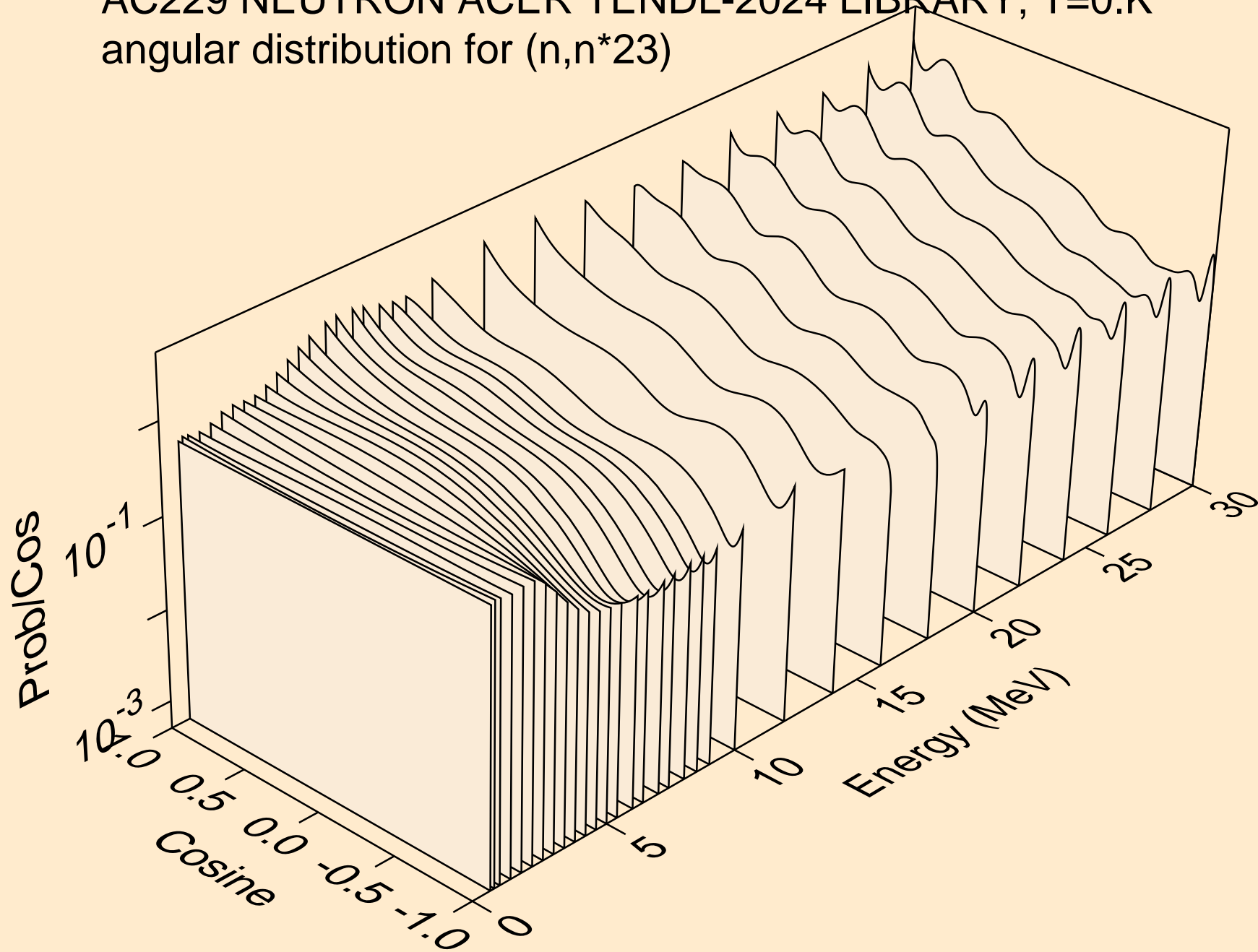
AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*21)



AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*22)

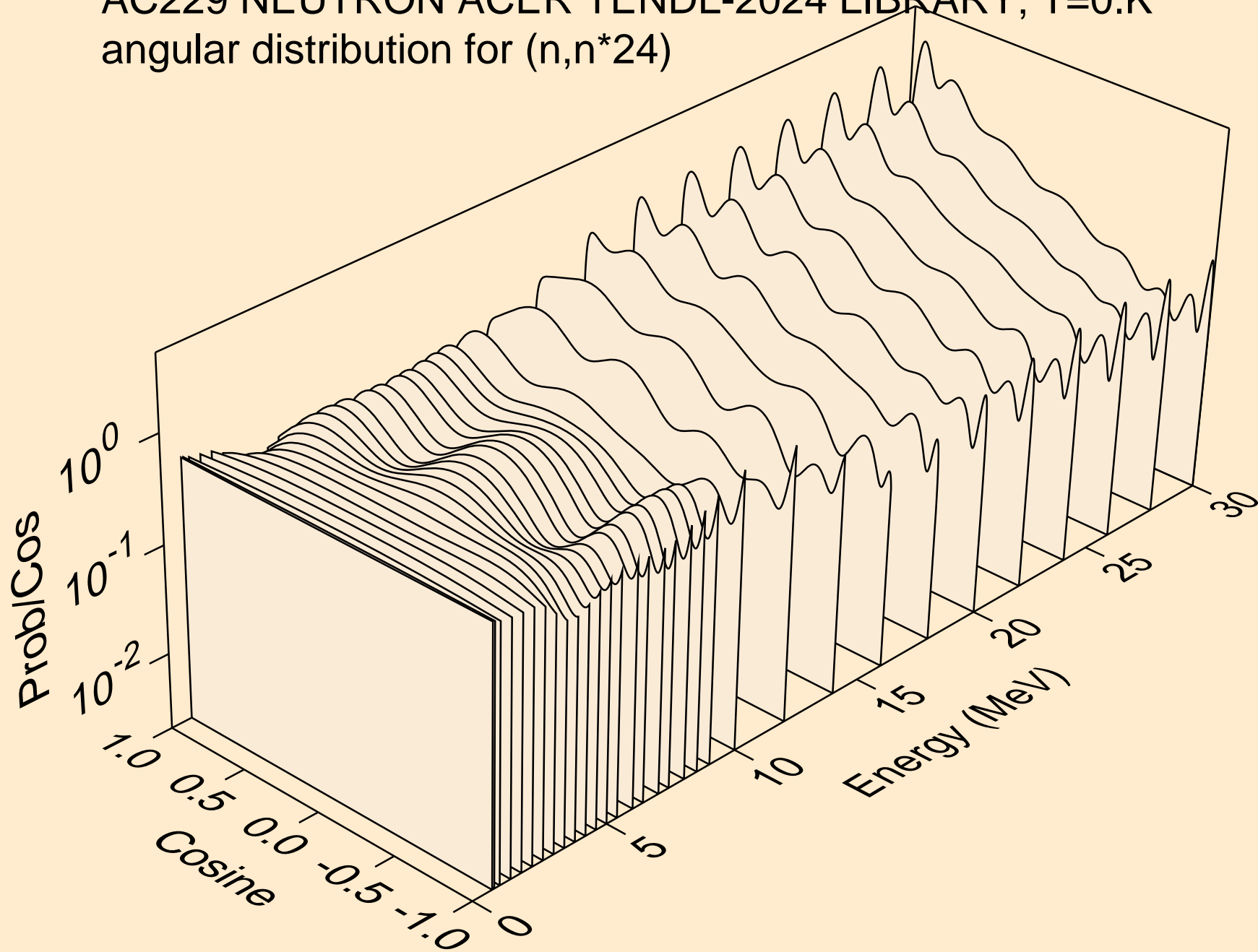


AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*23)

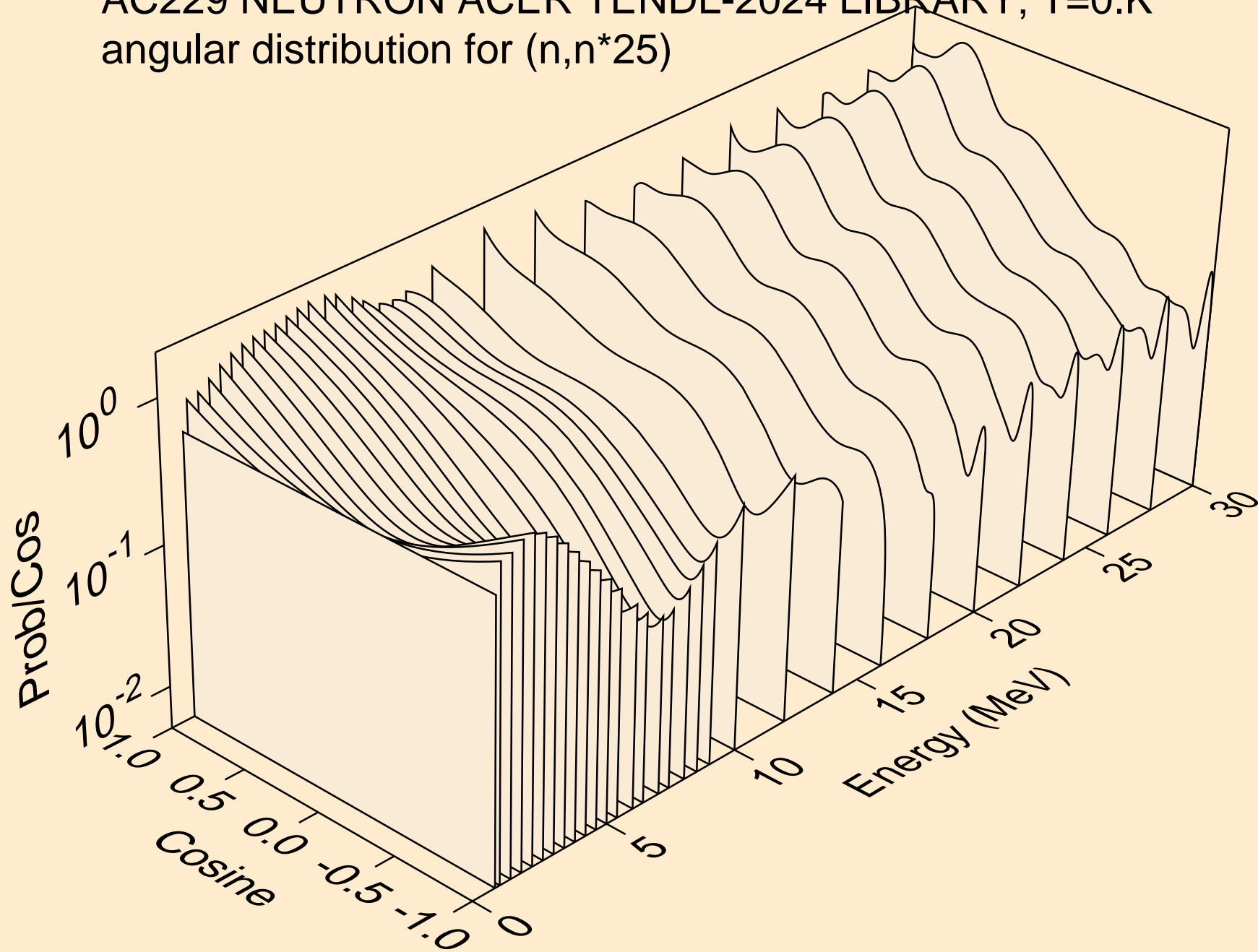




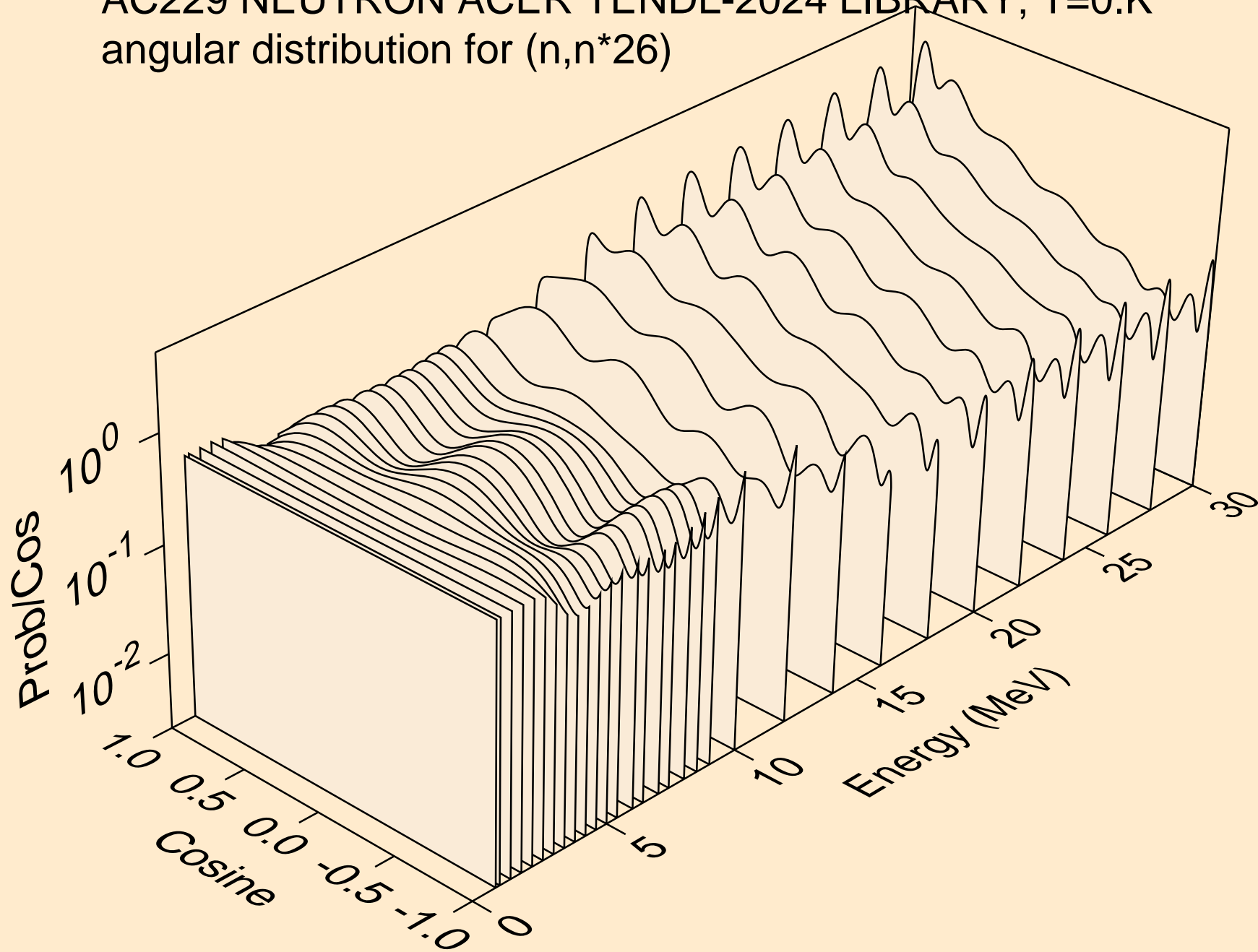
AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*24)



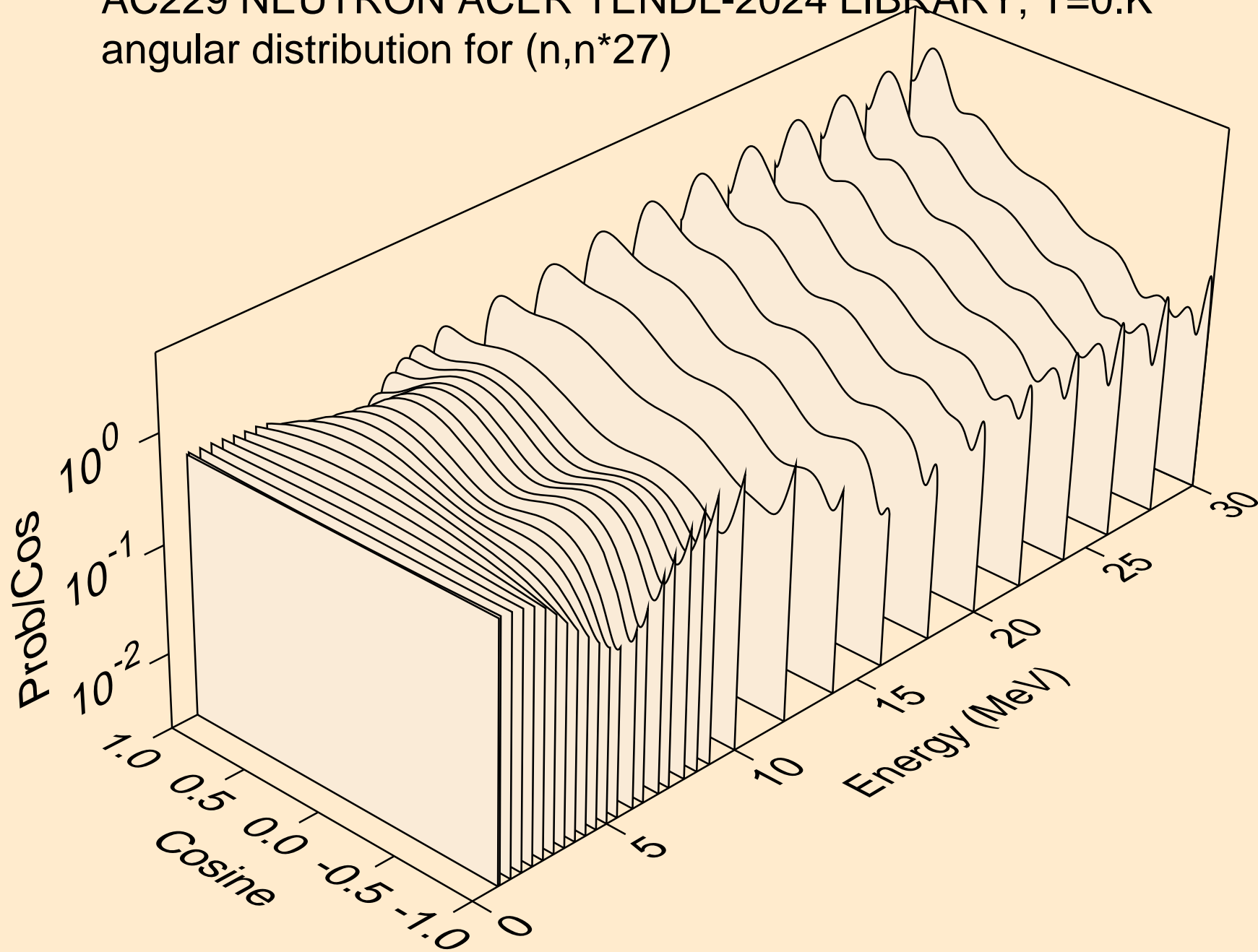
AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



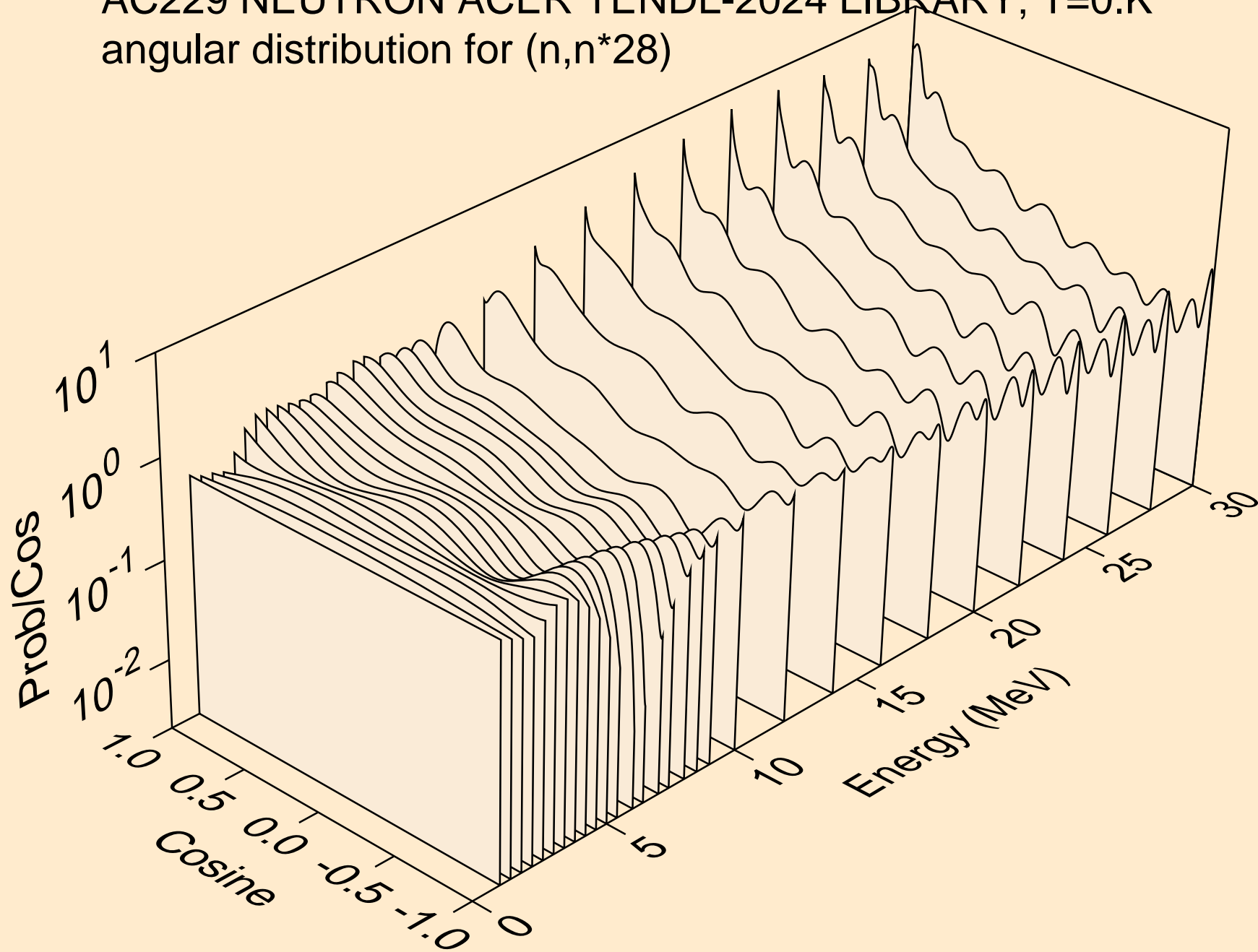
AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)



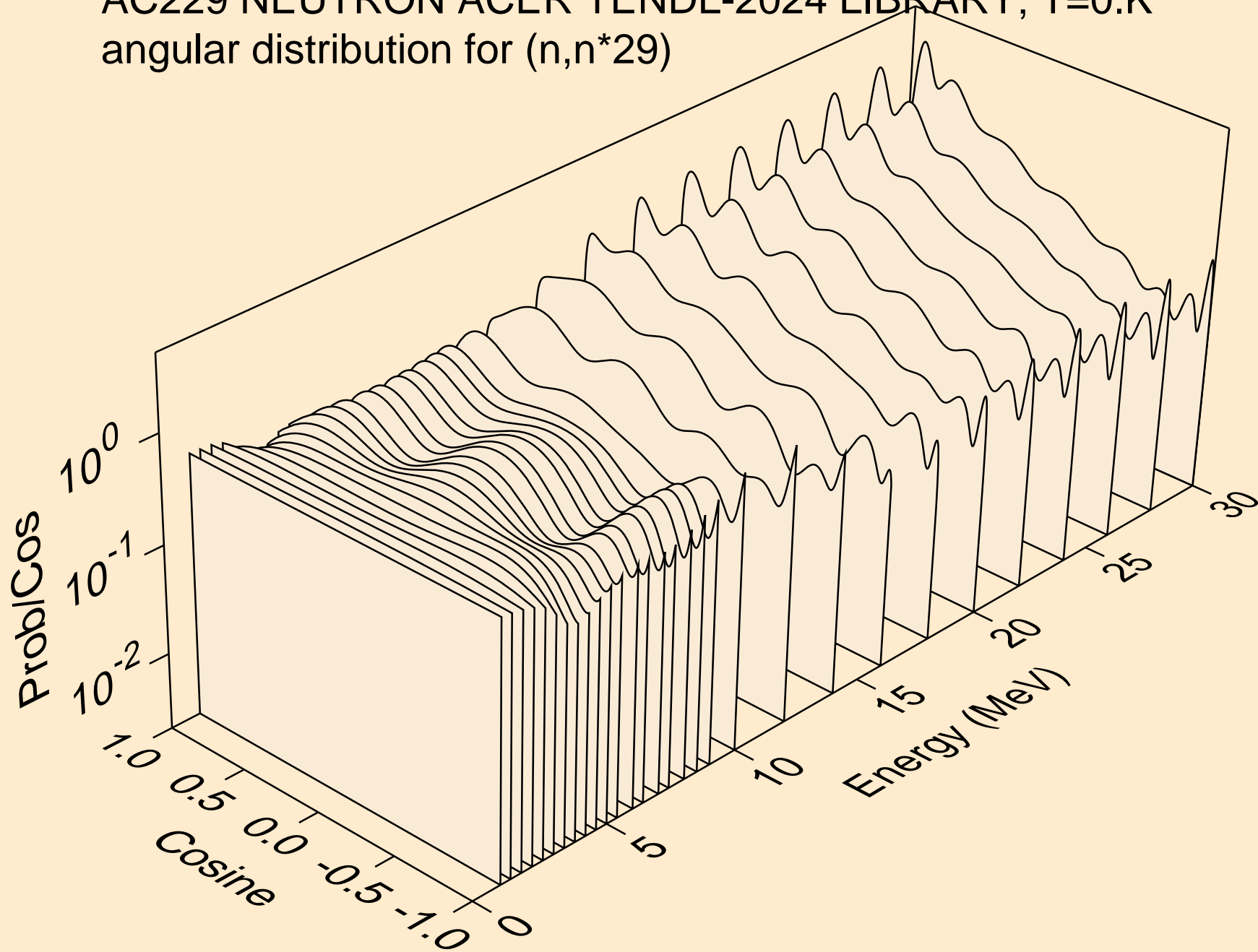
AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)



AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*28)

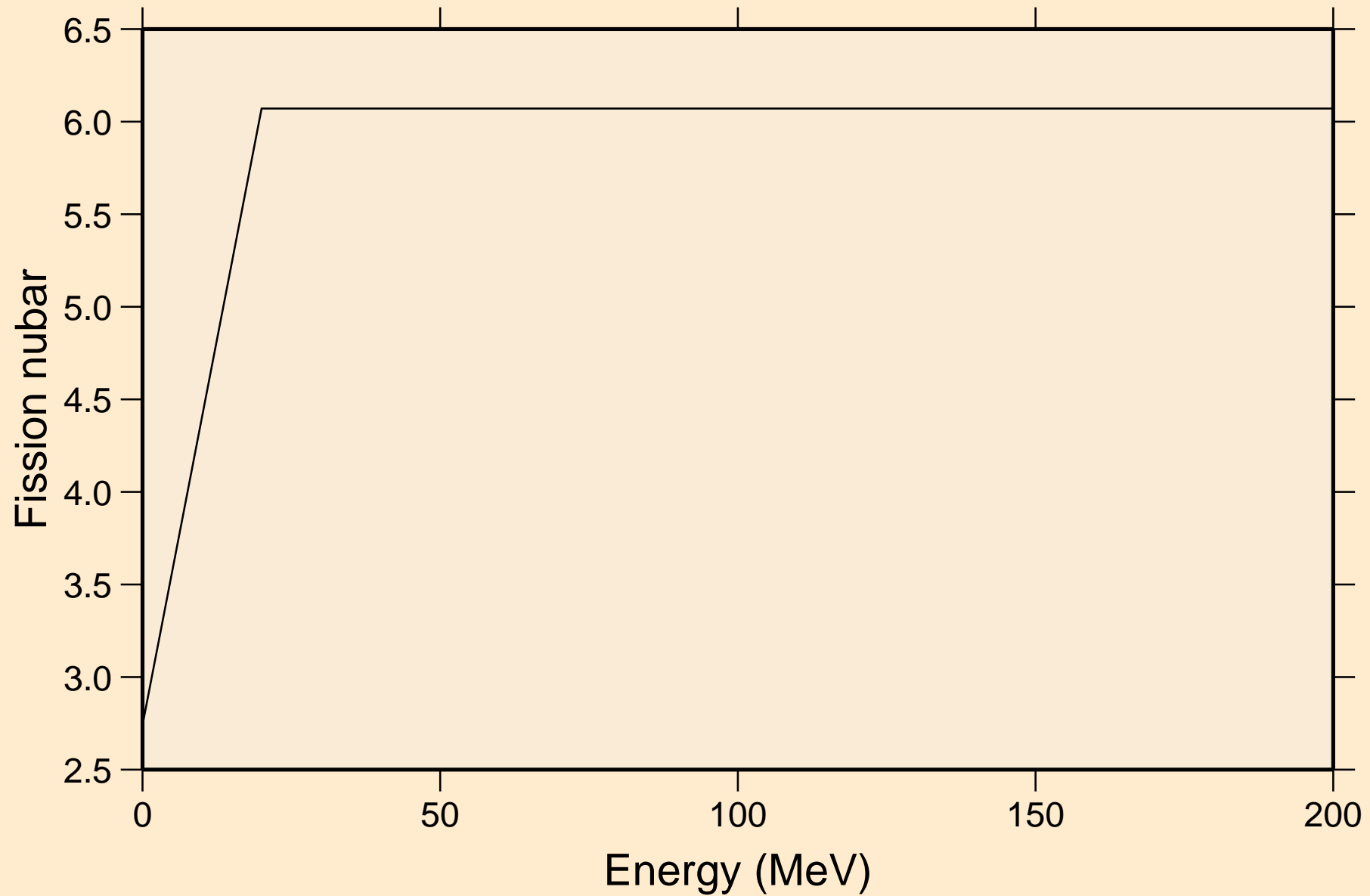


AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*29)

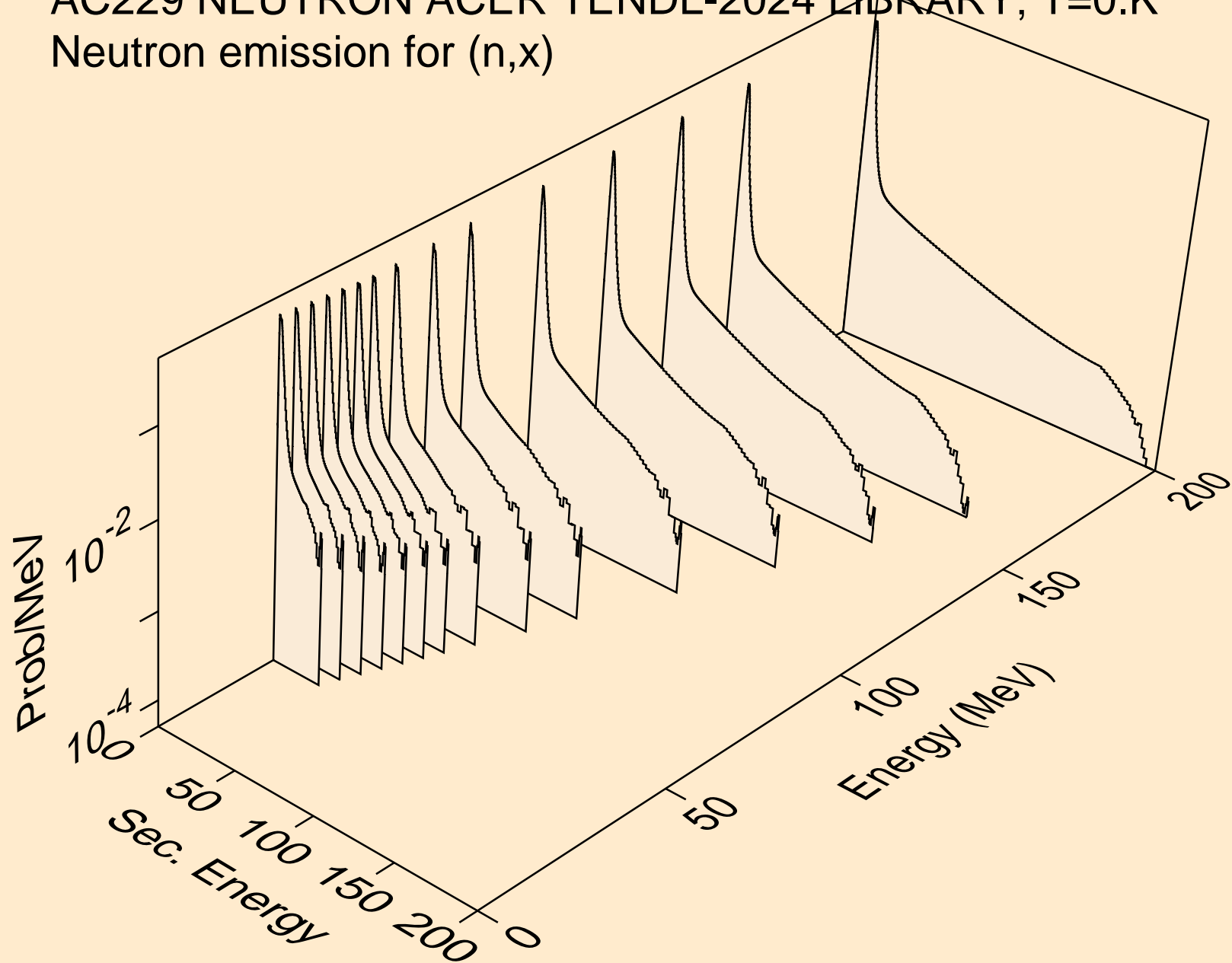


# AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Total fission nubar

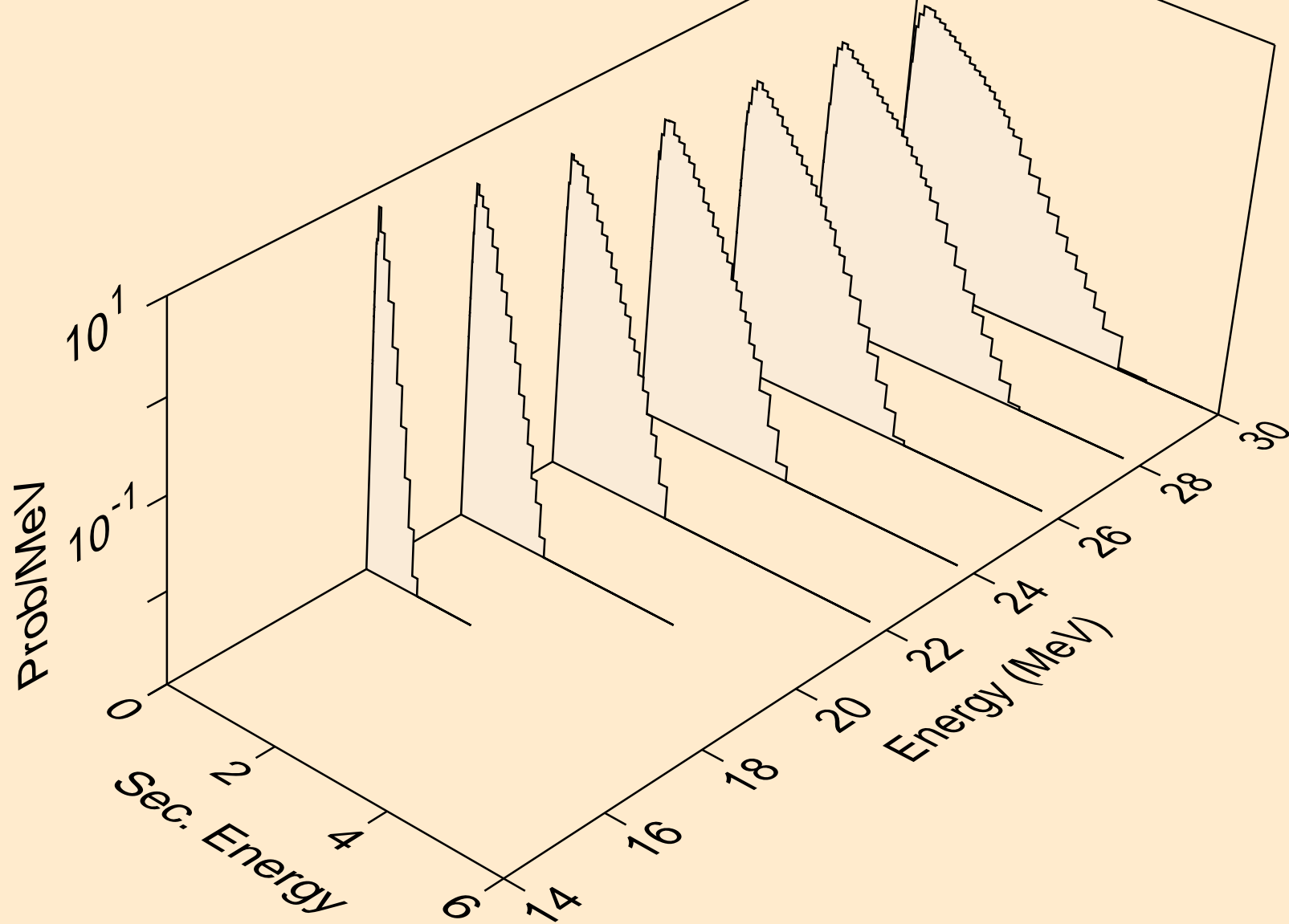


AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)

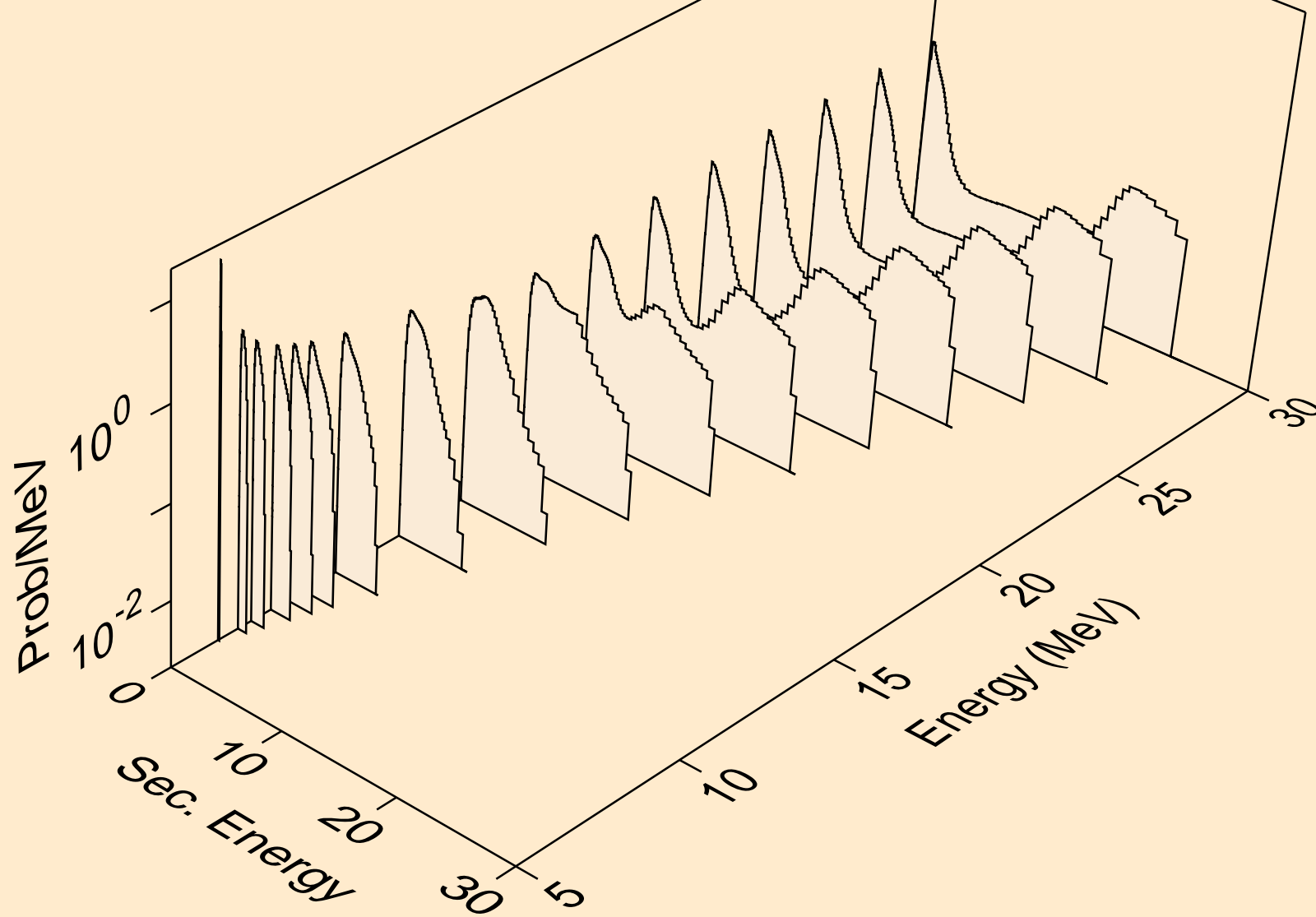




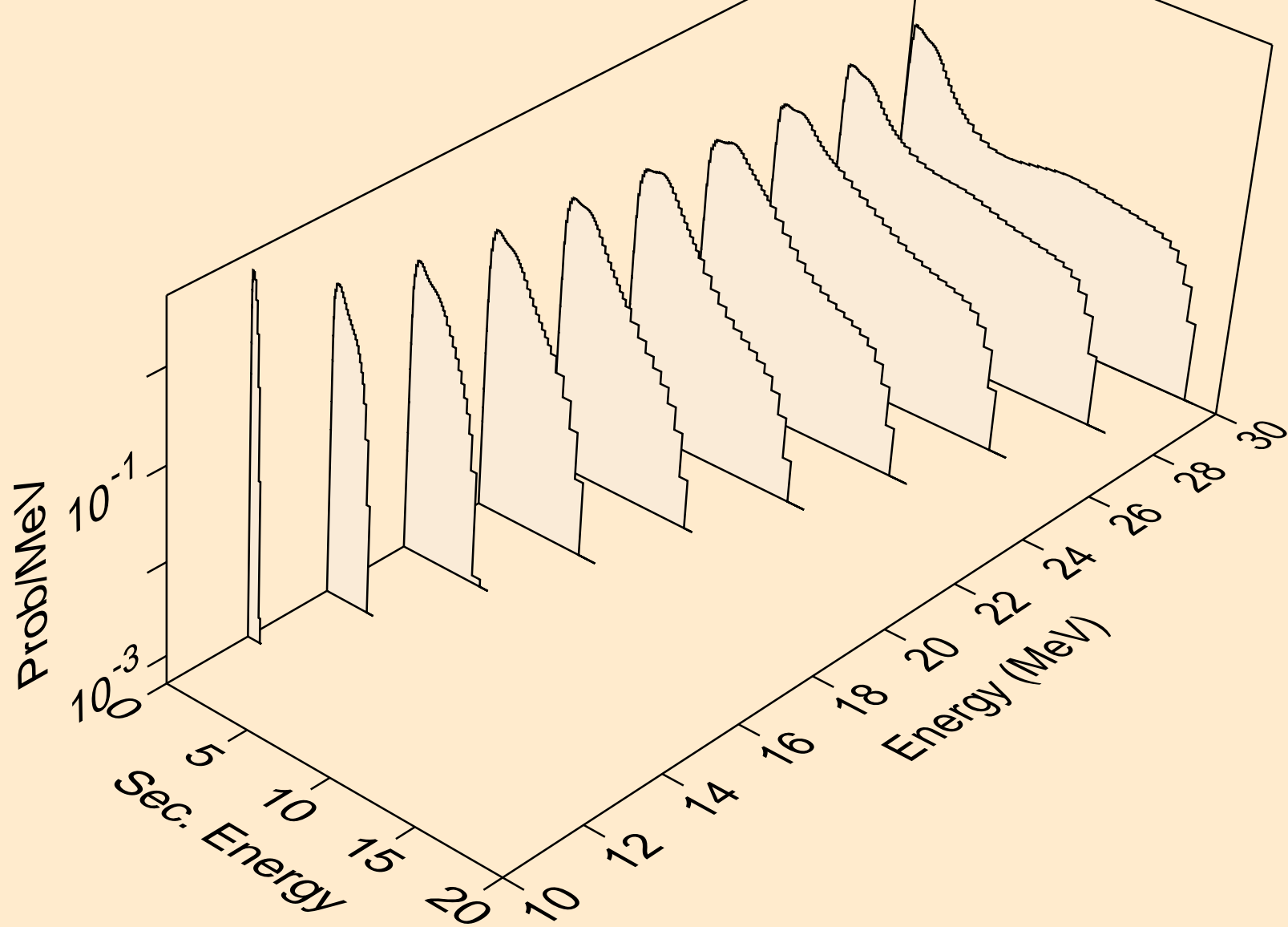
AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



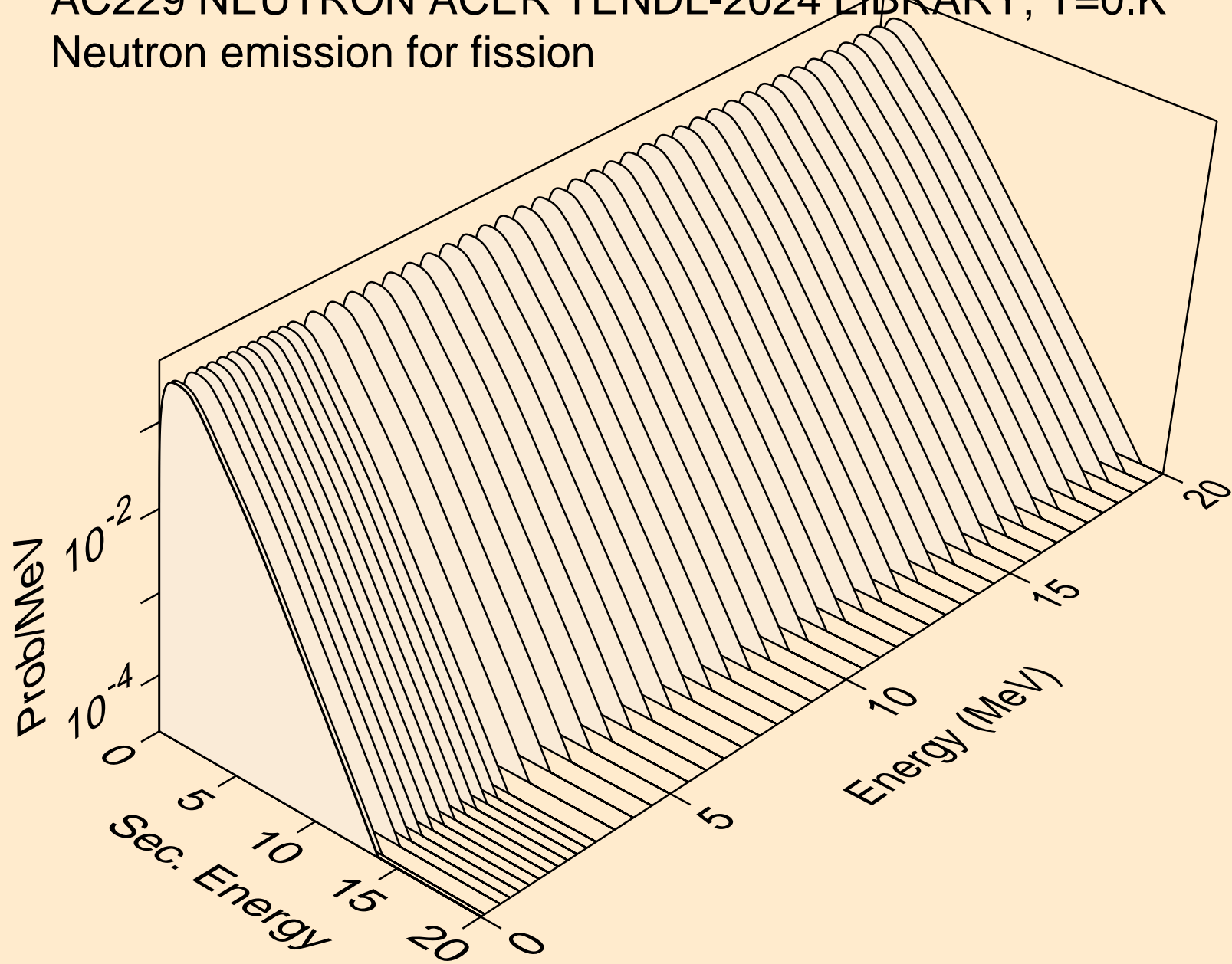
AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



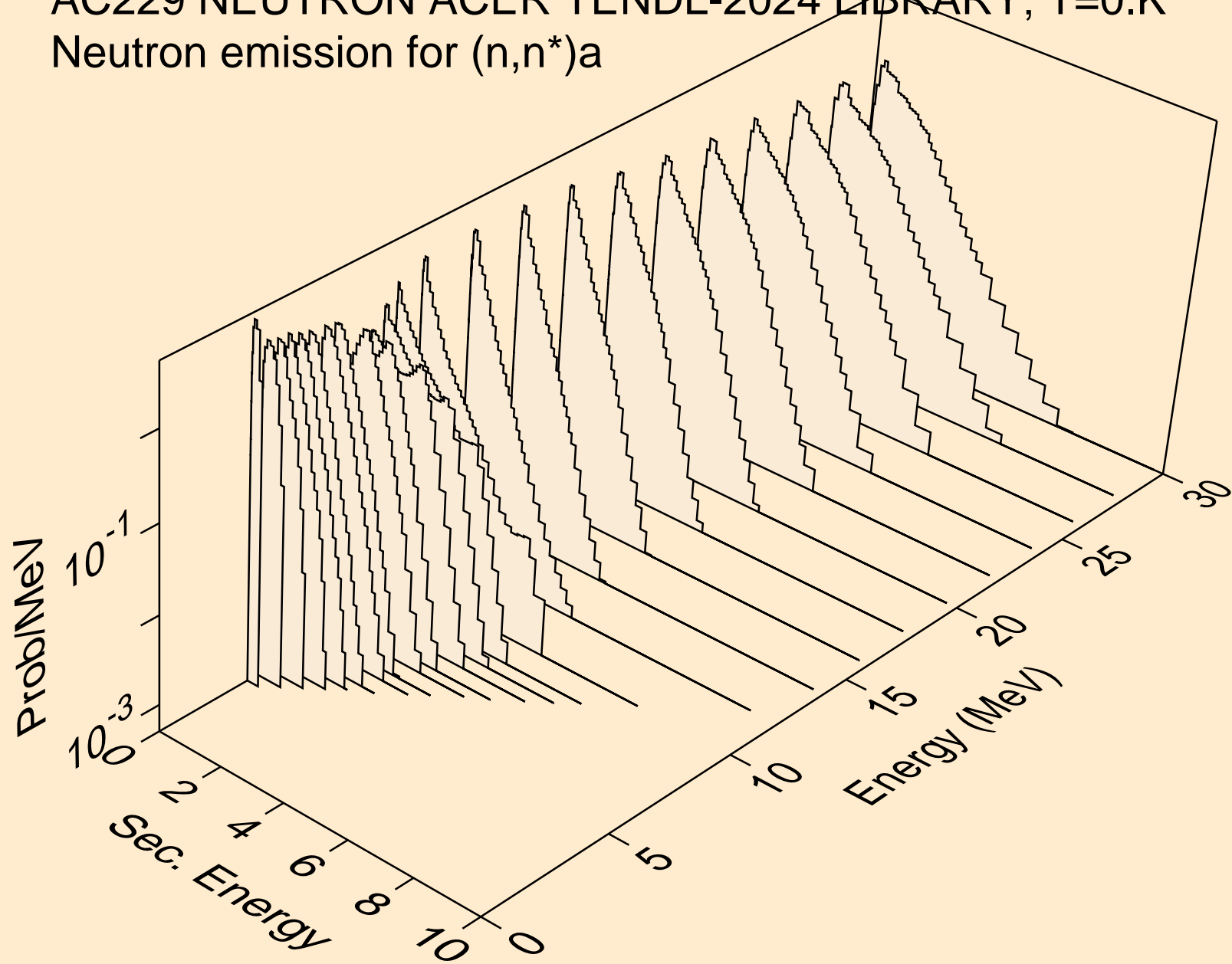
AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



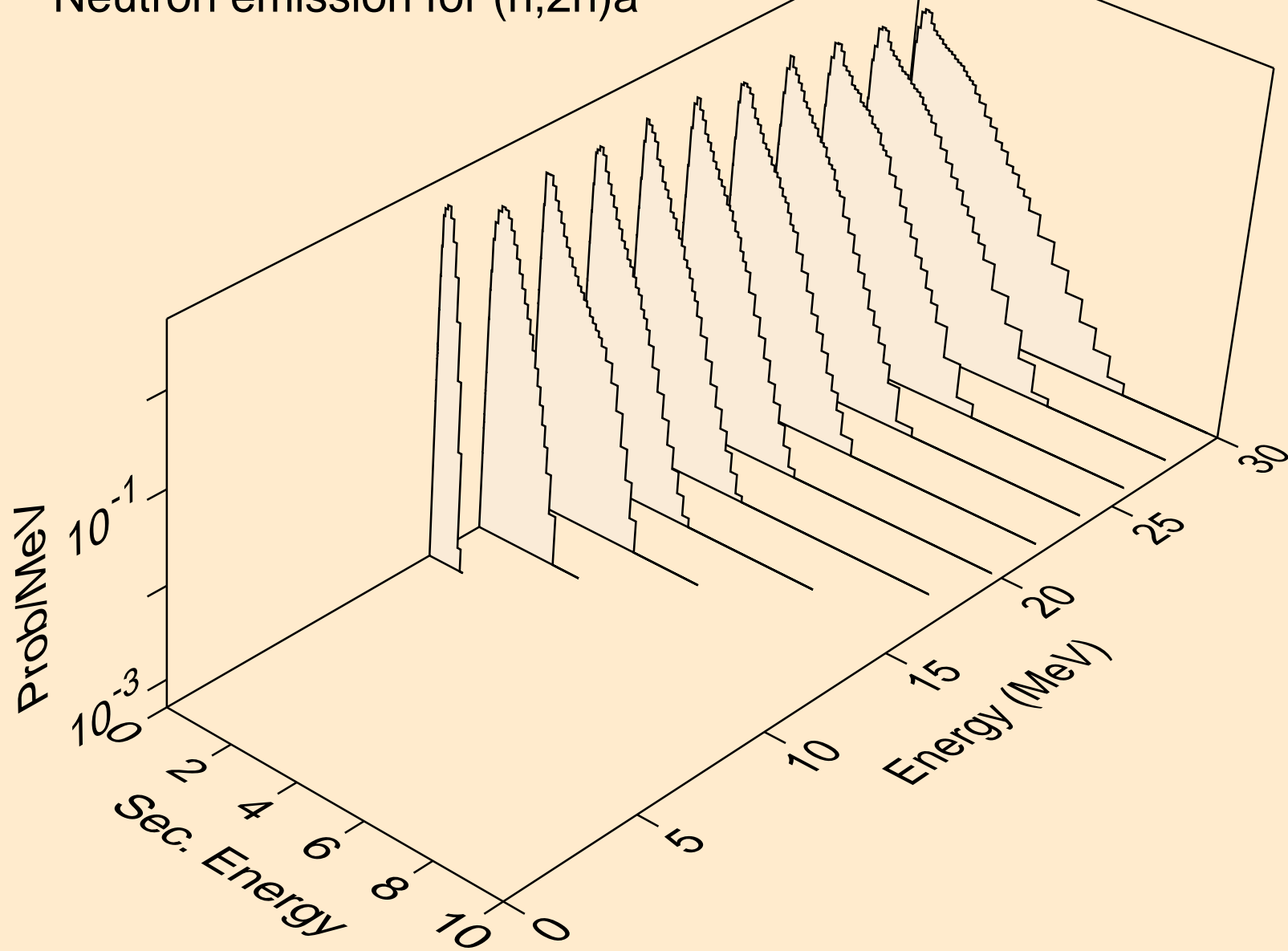
AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for fission



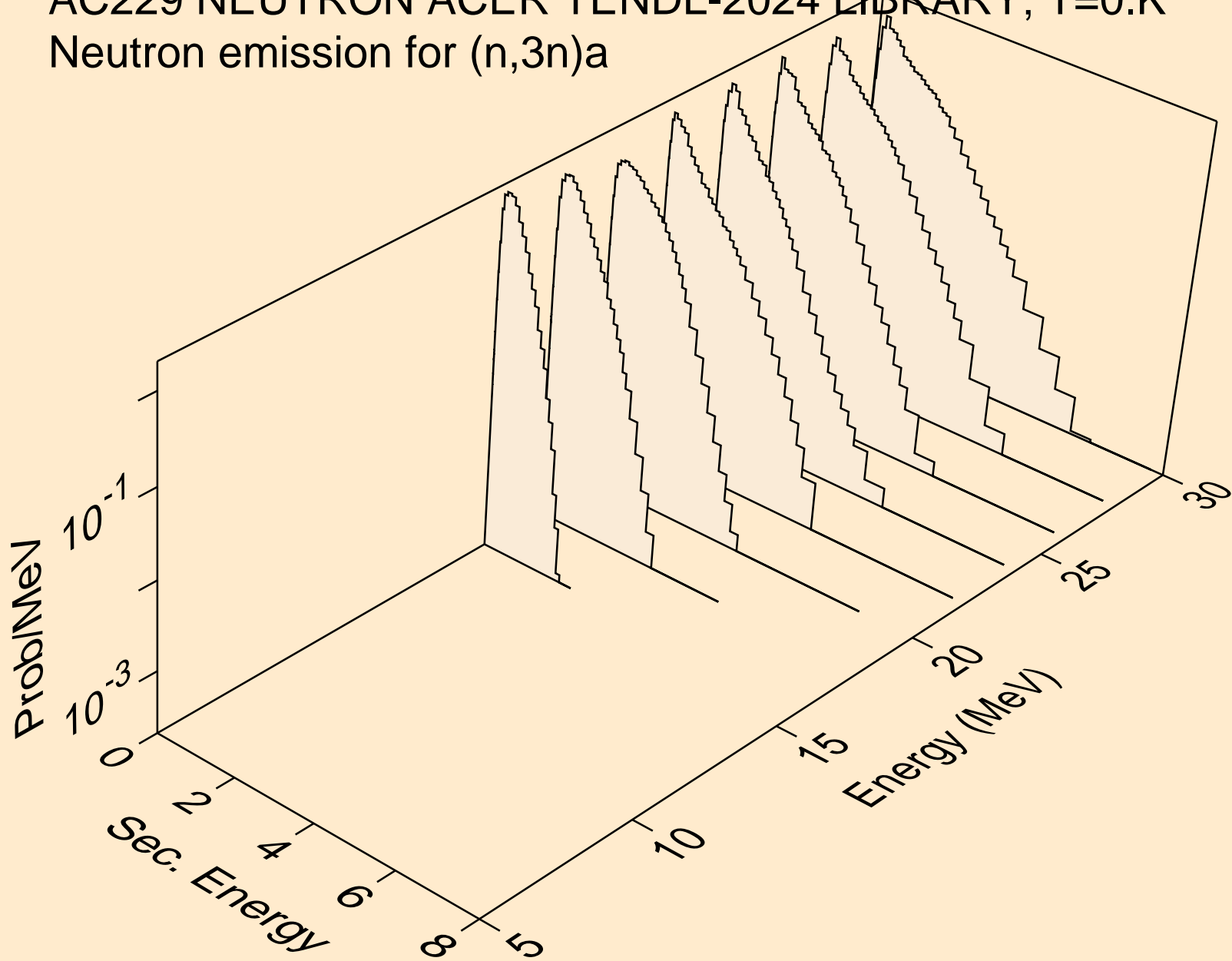
AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



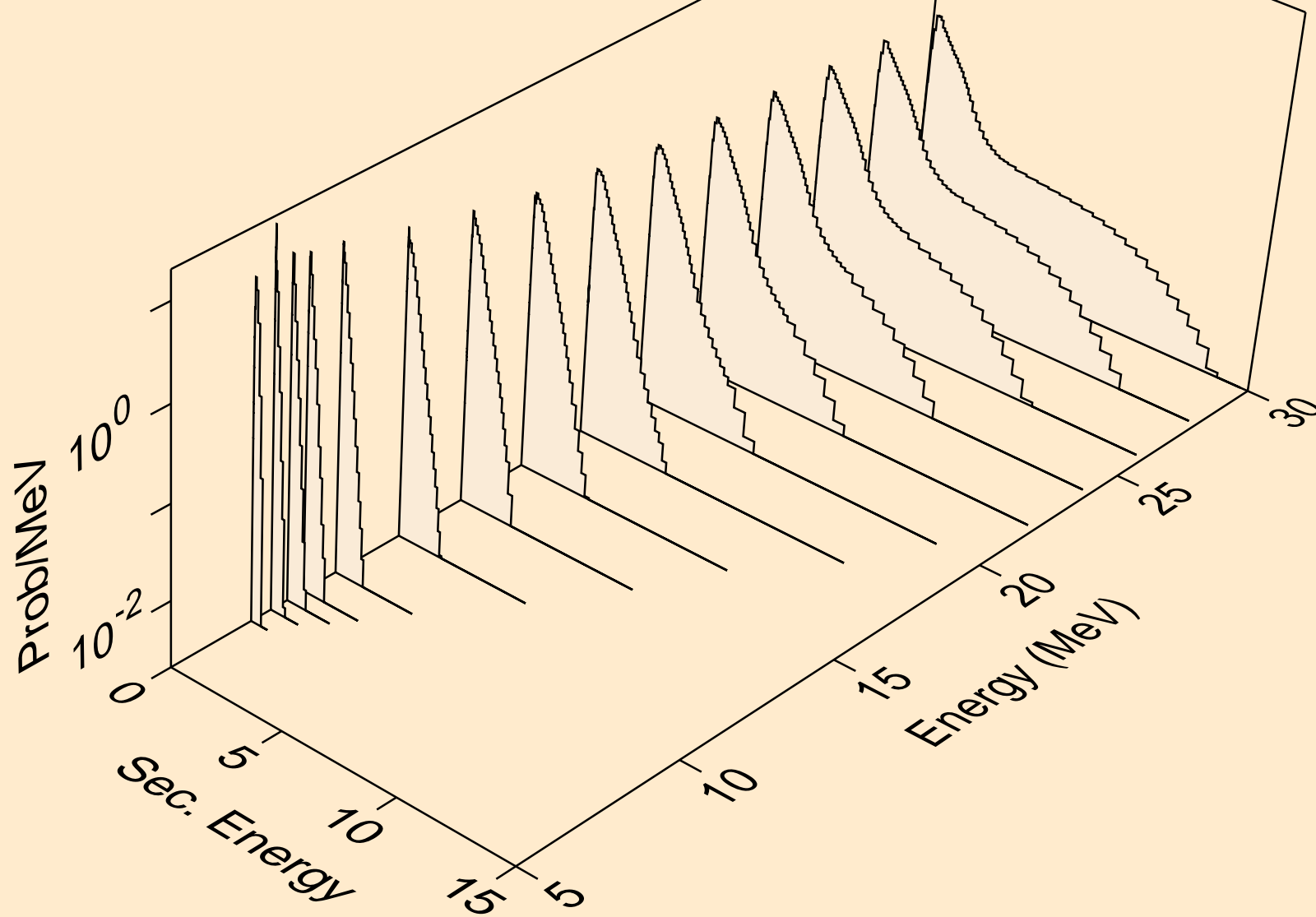
AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a

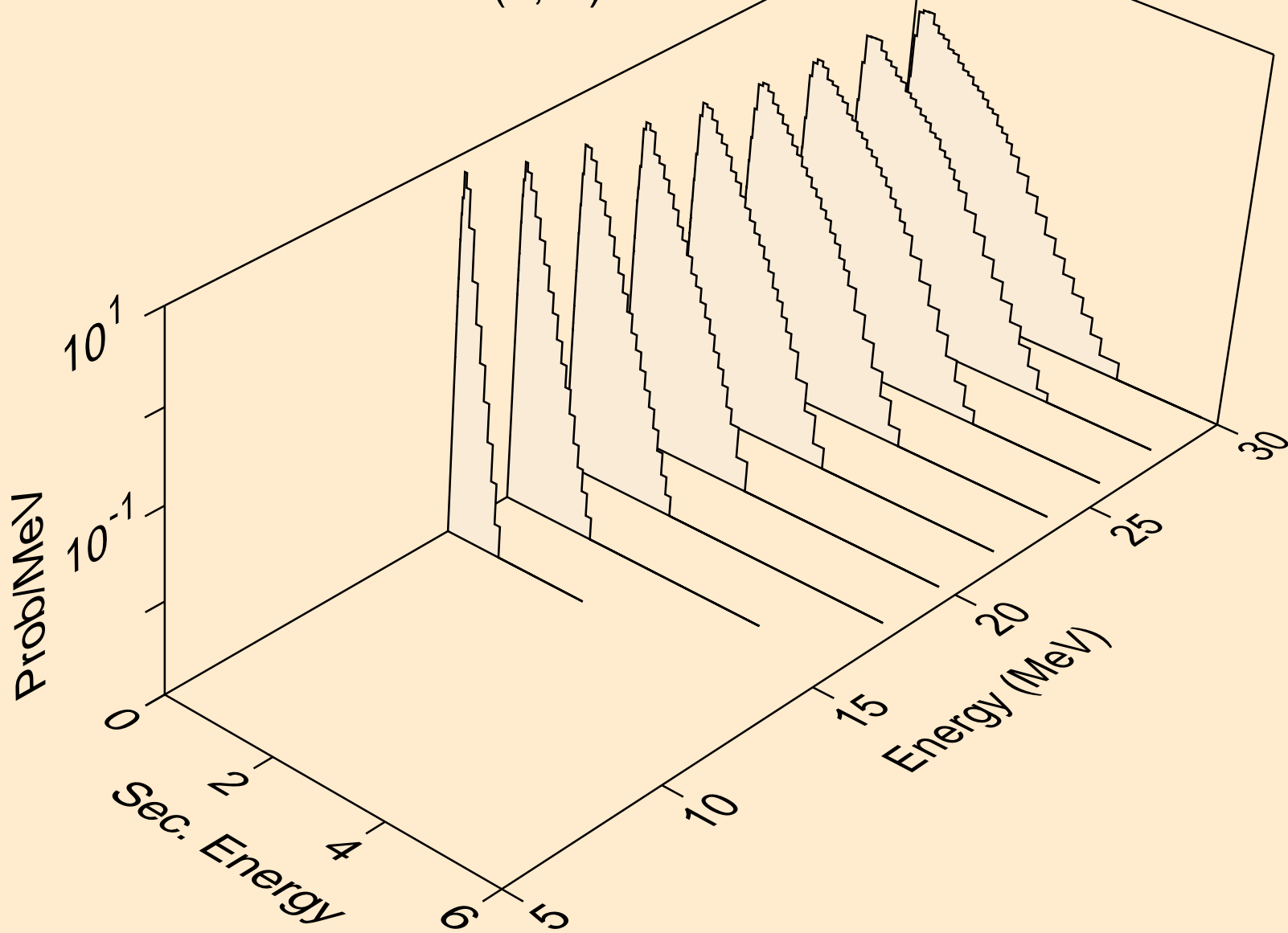


AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p

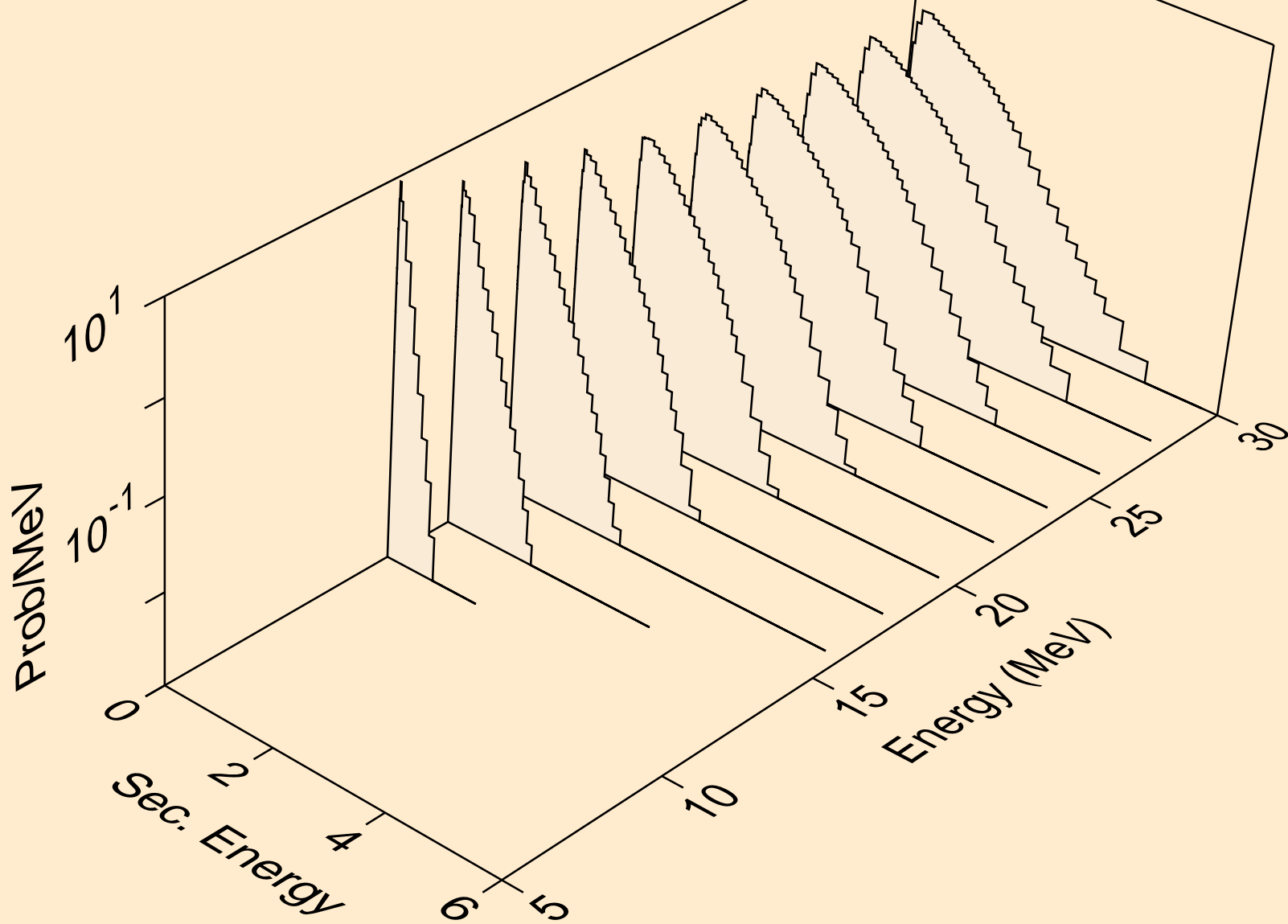




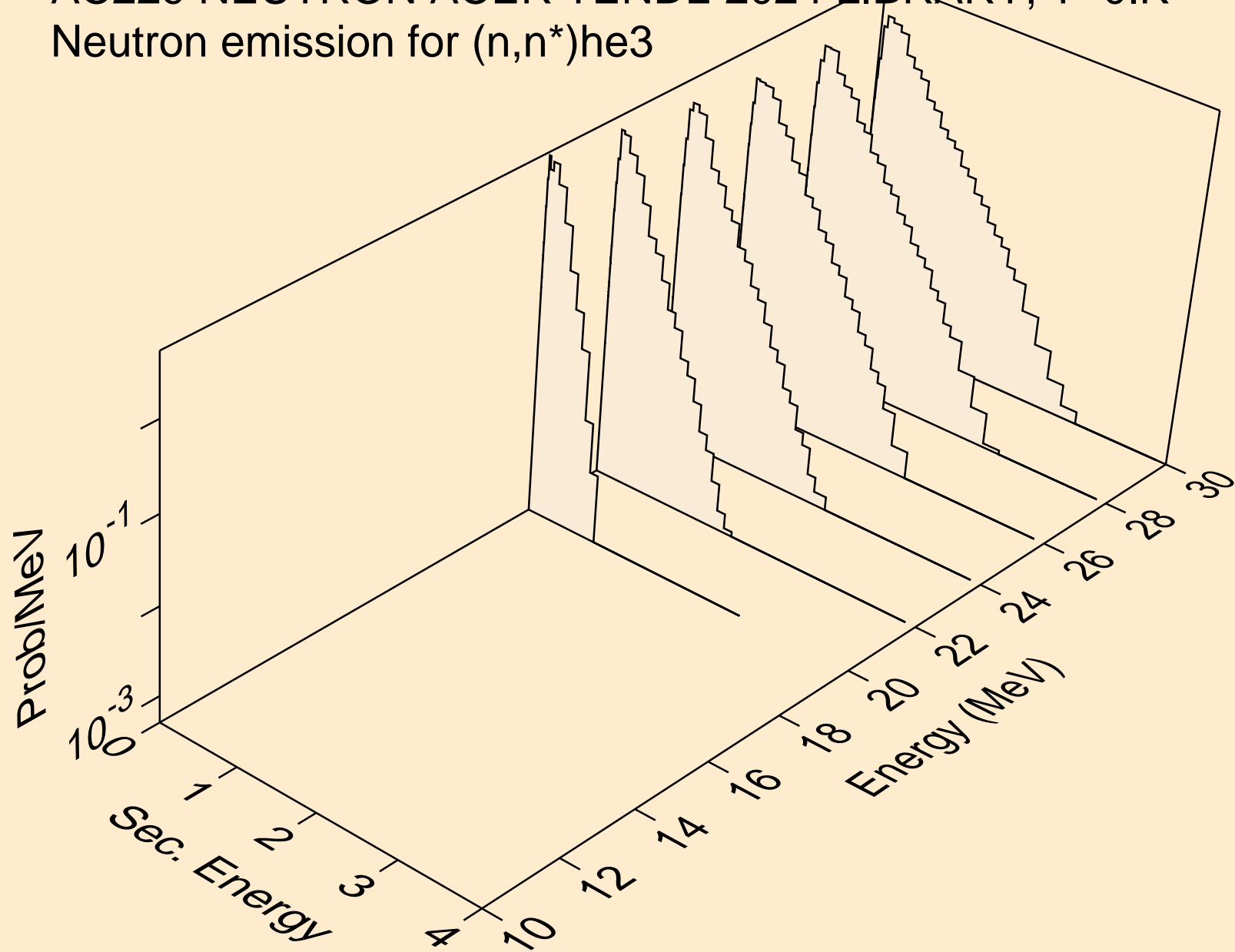
AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



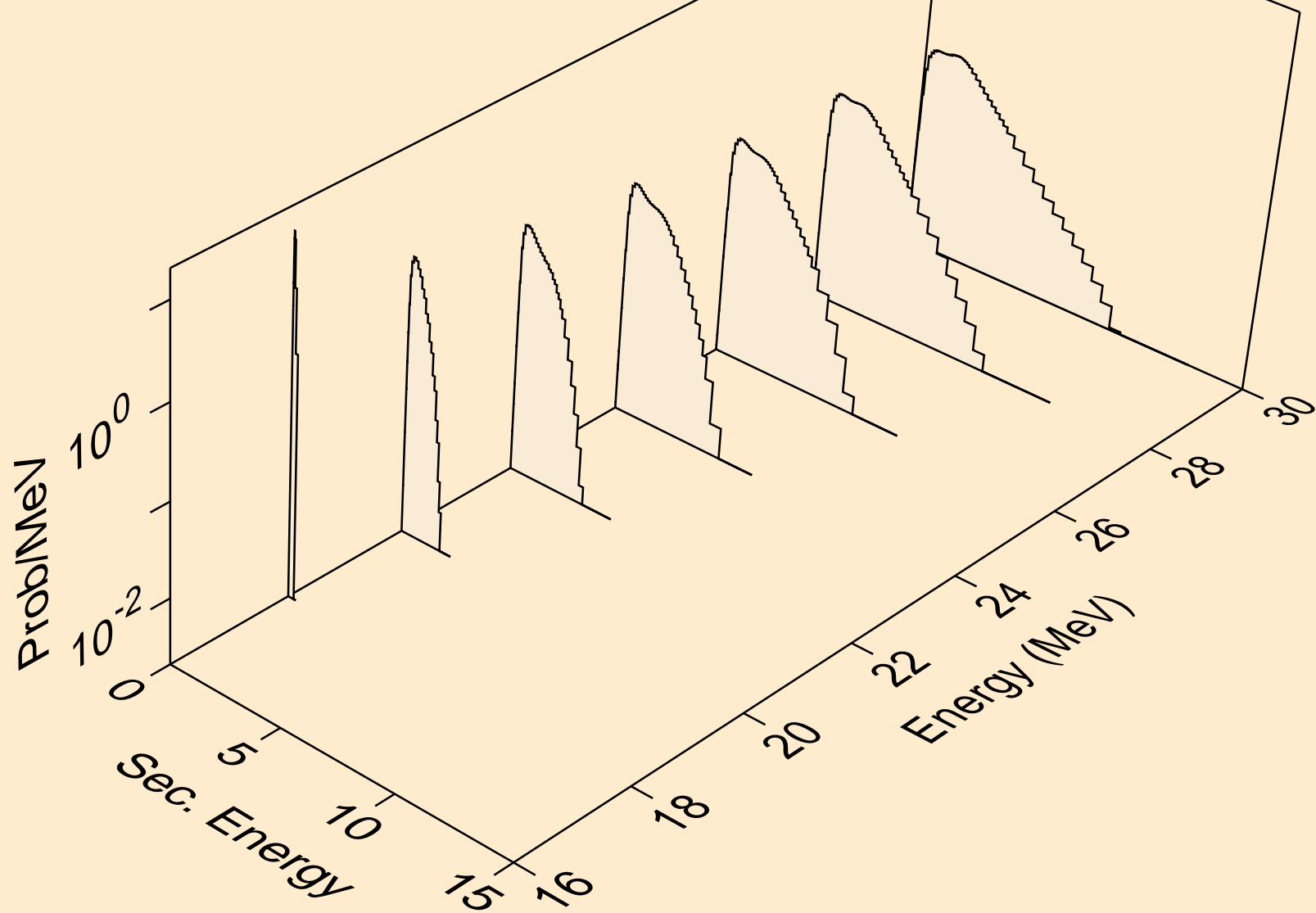
AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



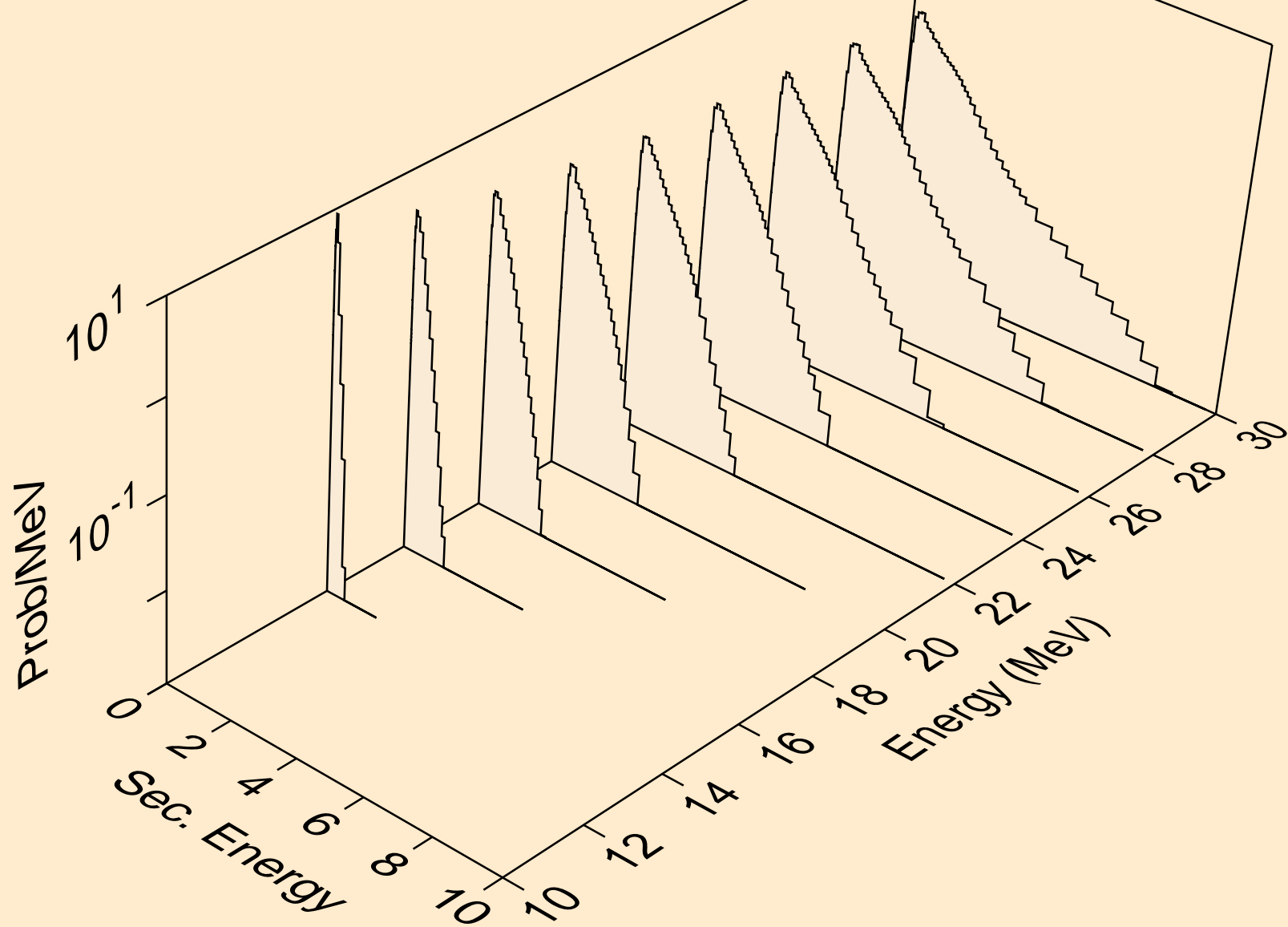
AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



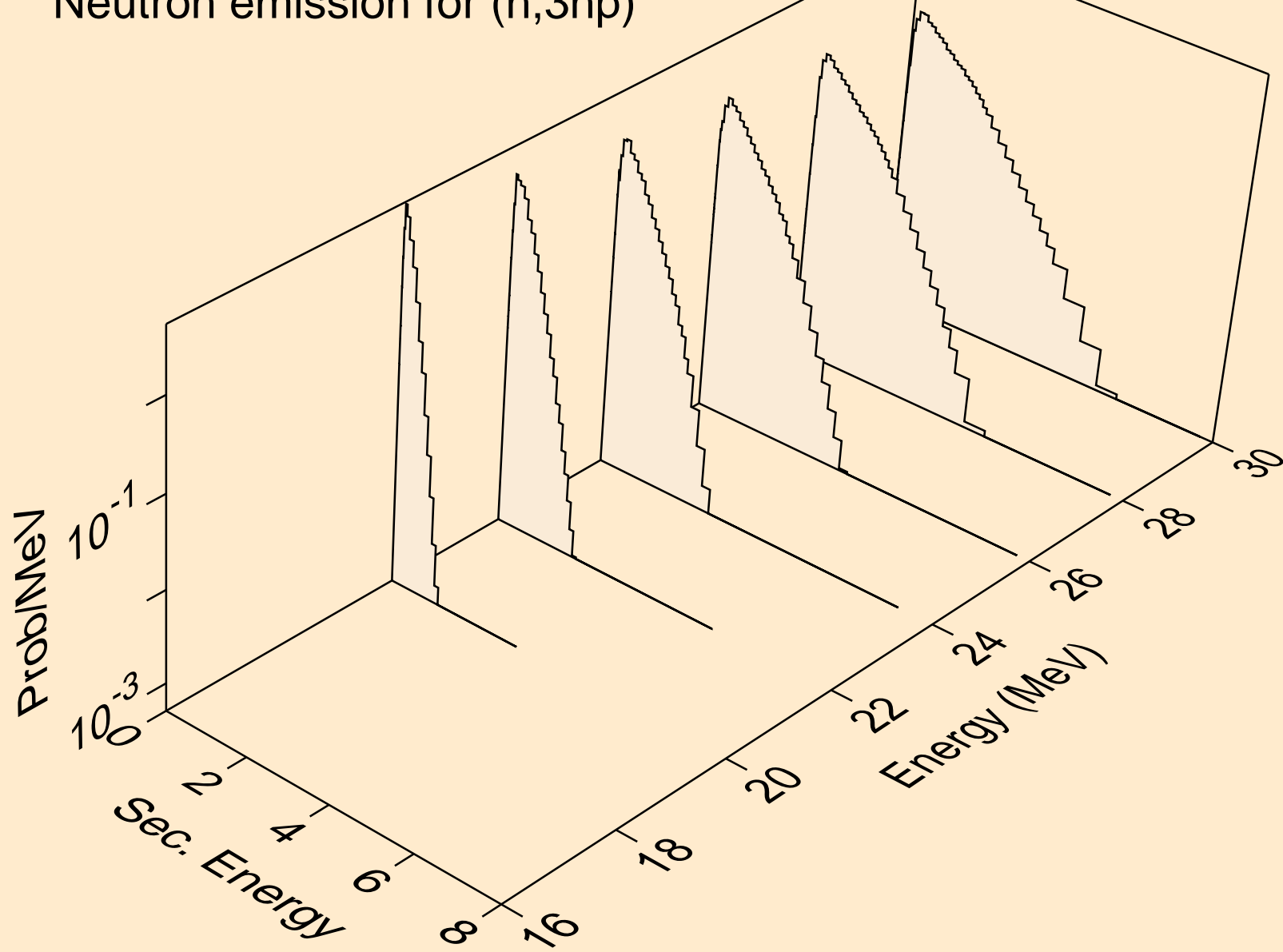
AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



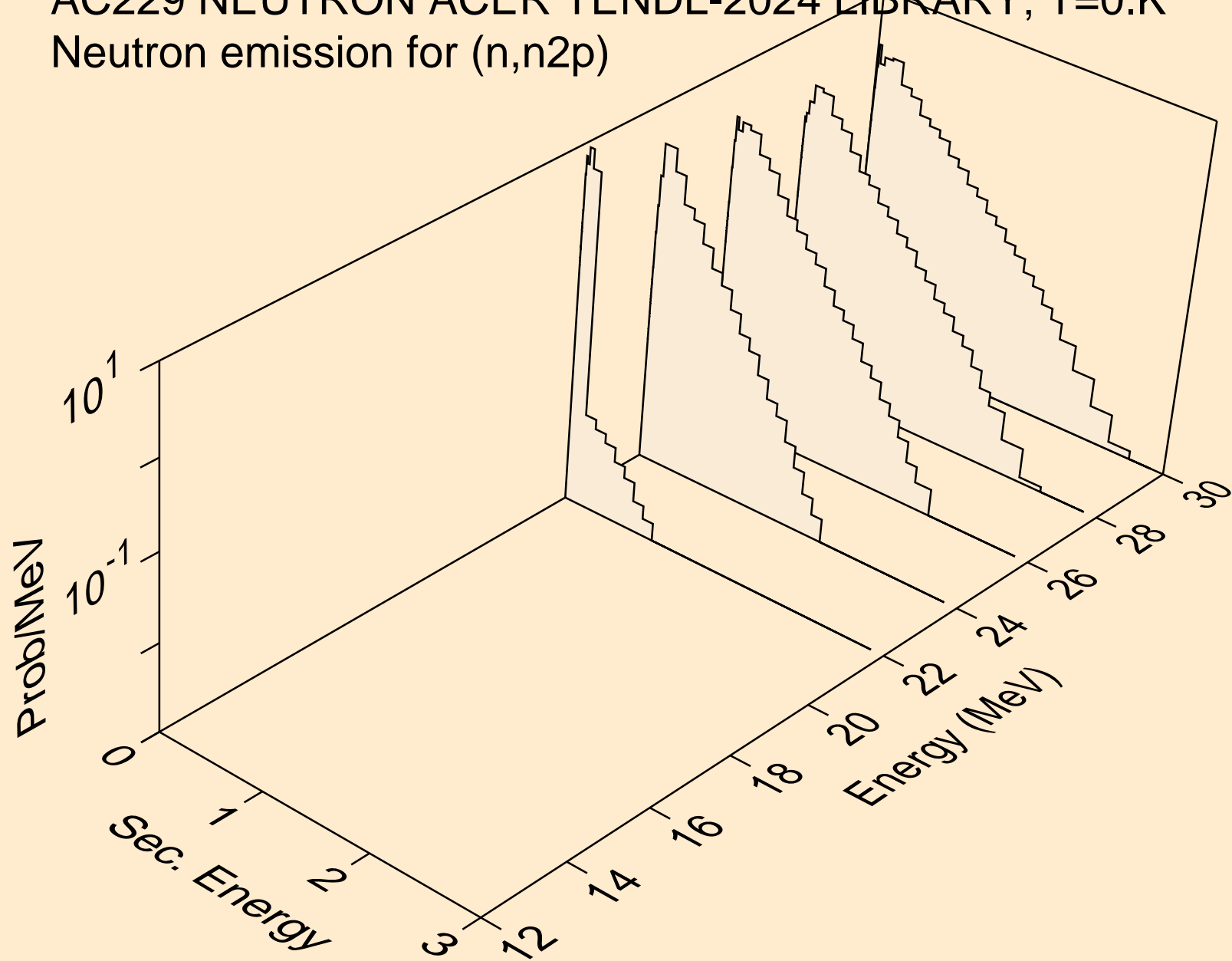
AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



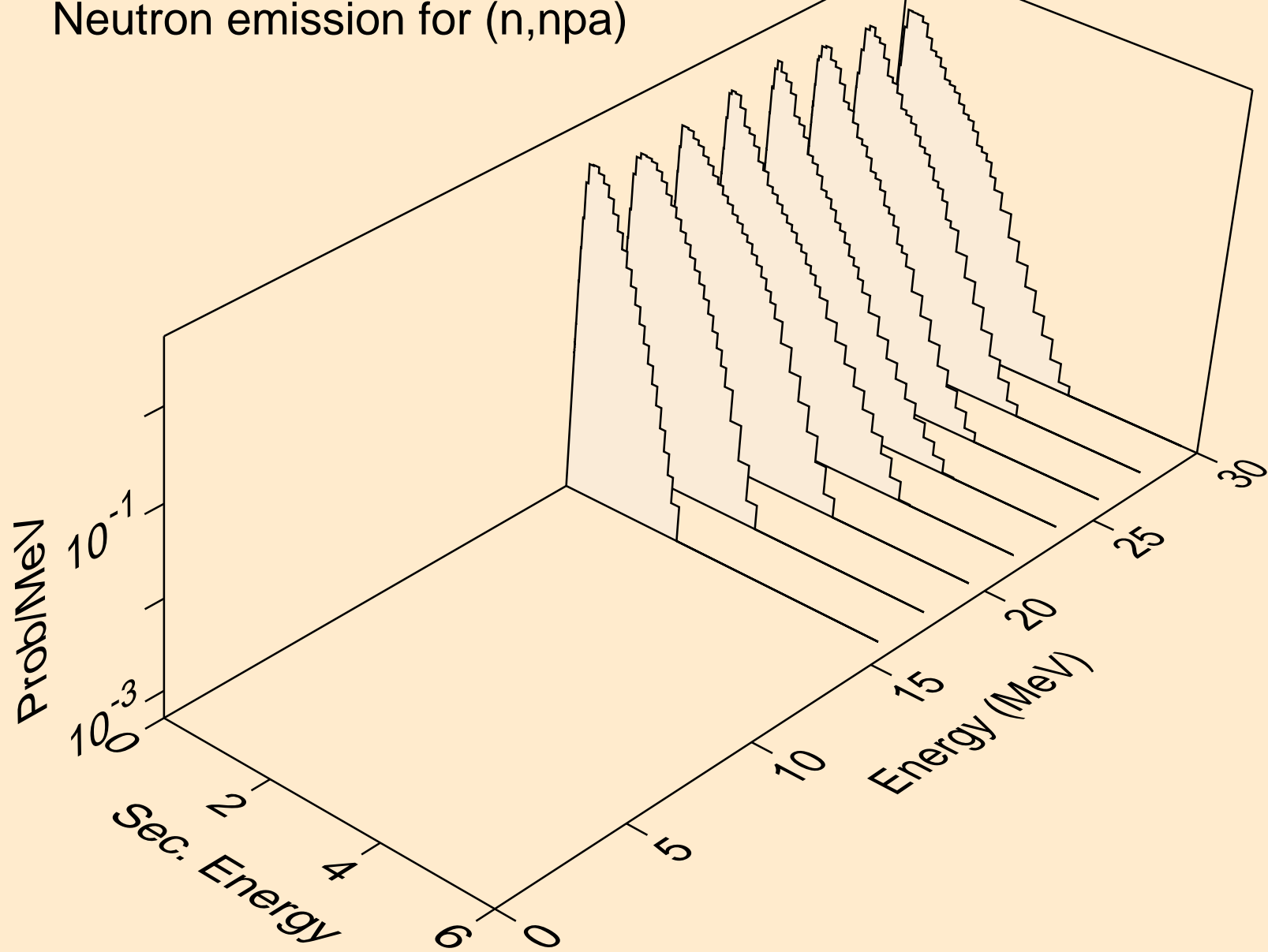
AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)

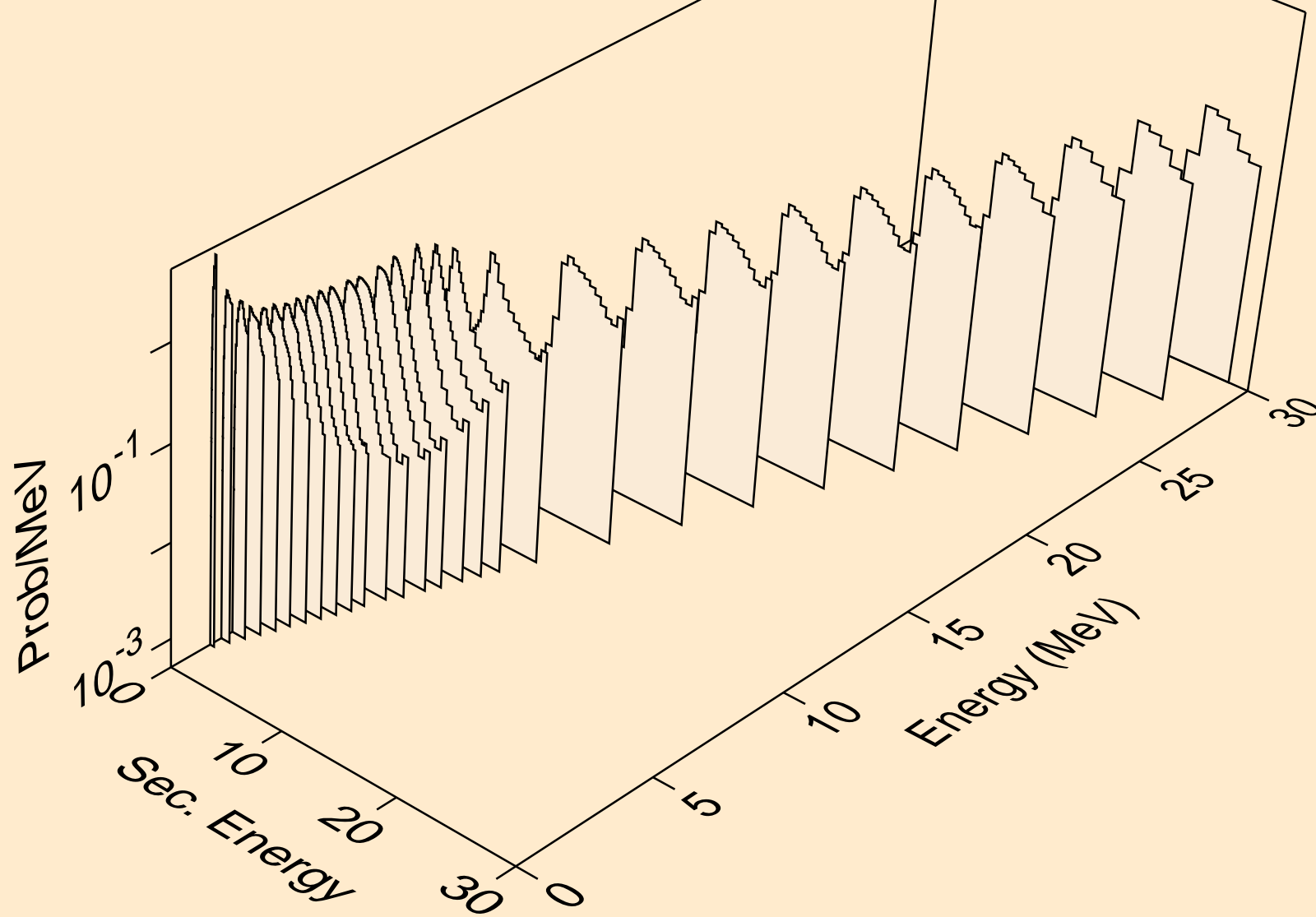


AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)



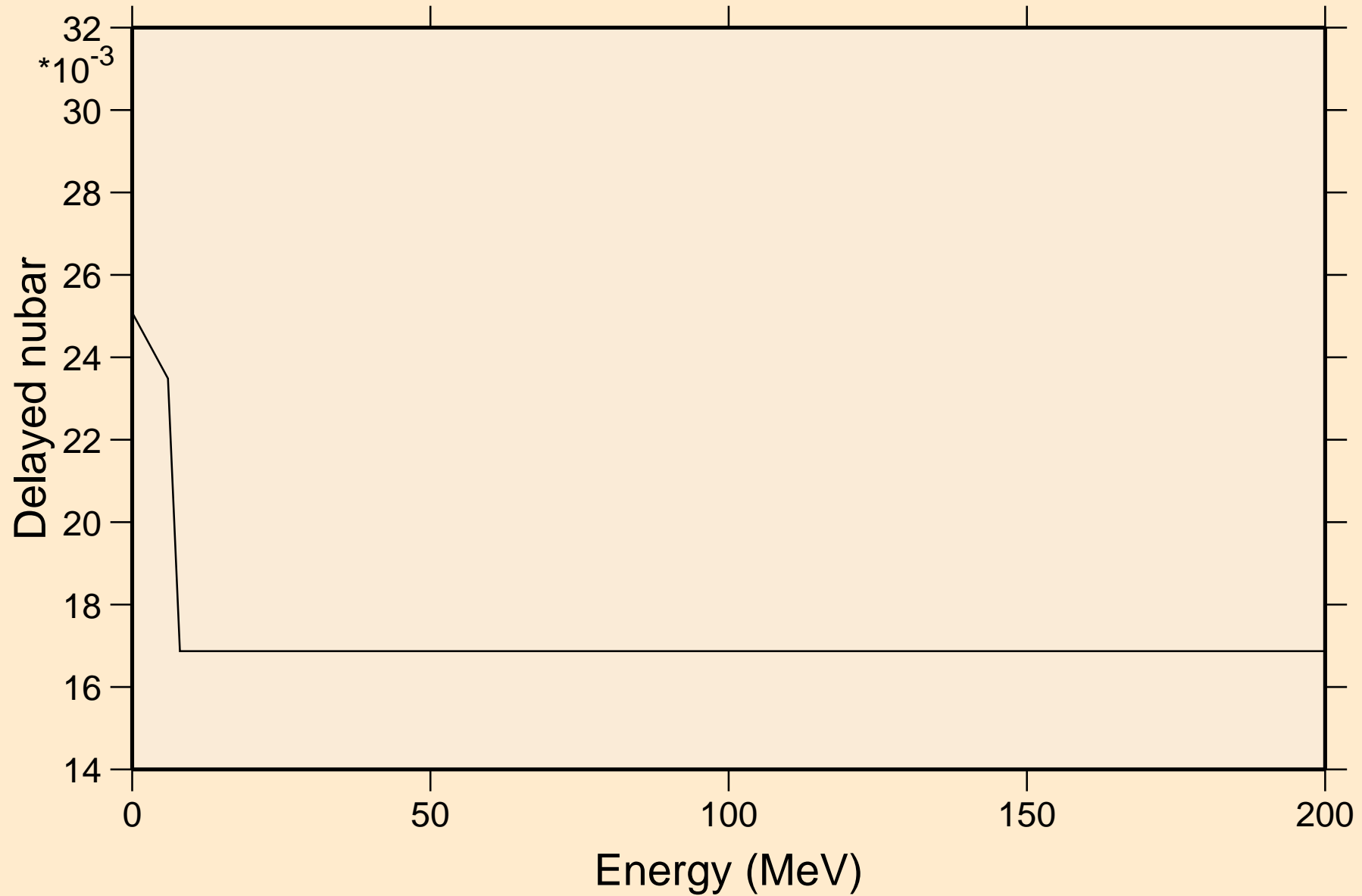


AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



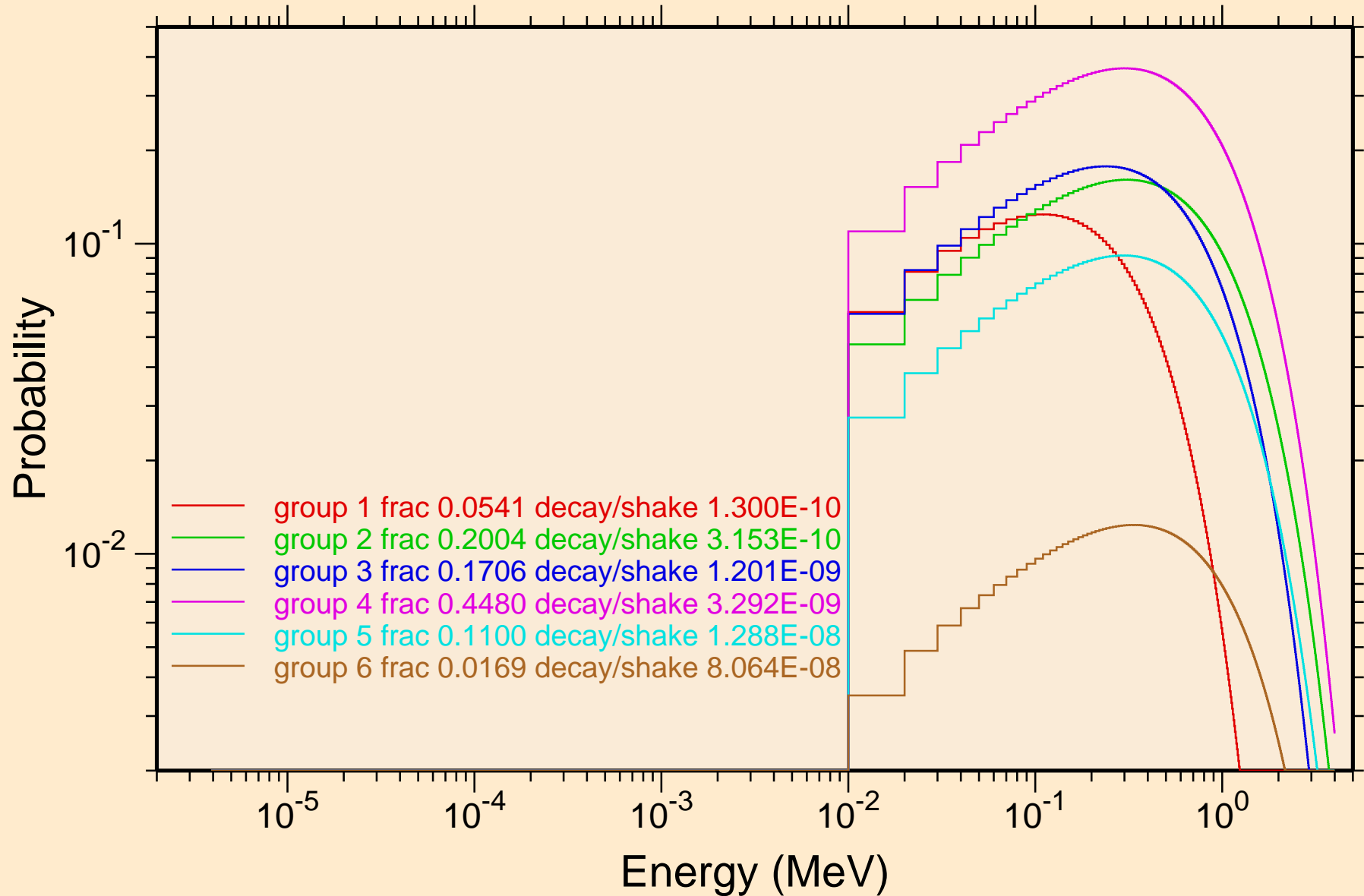
# AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Delayed nubar

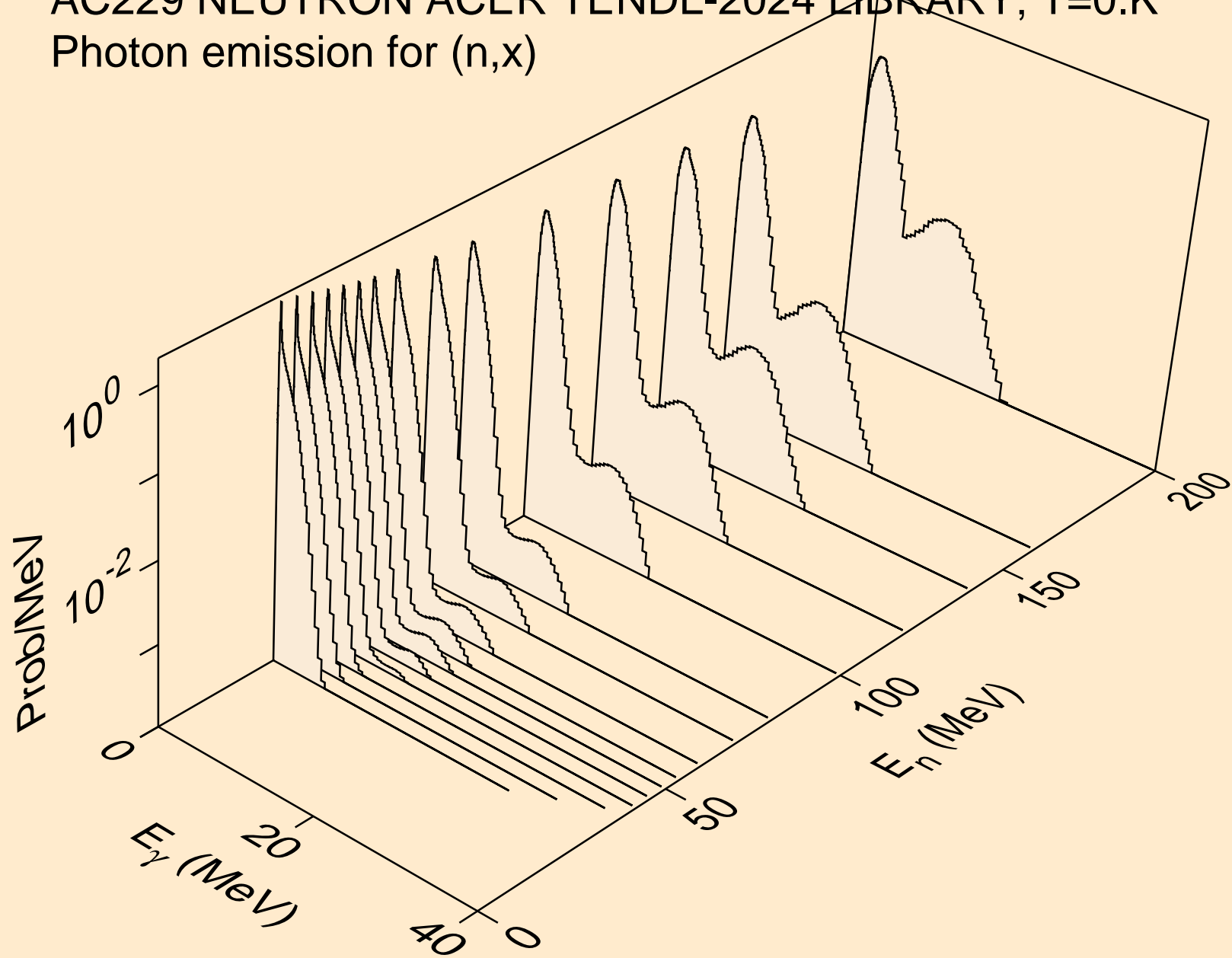


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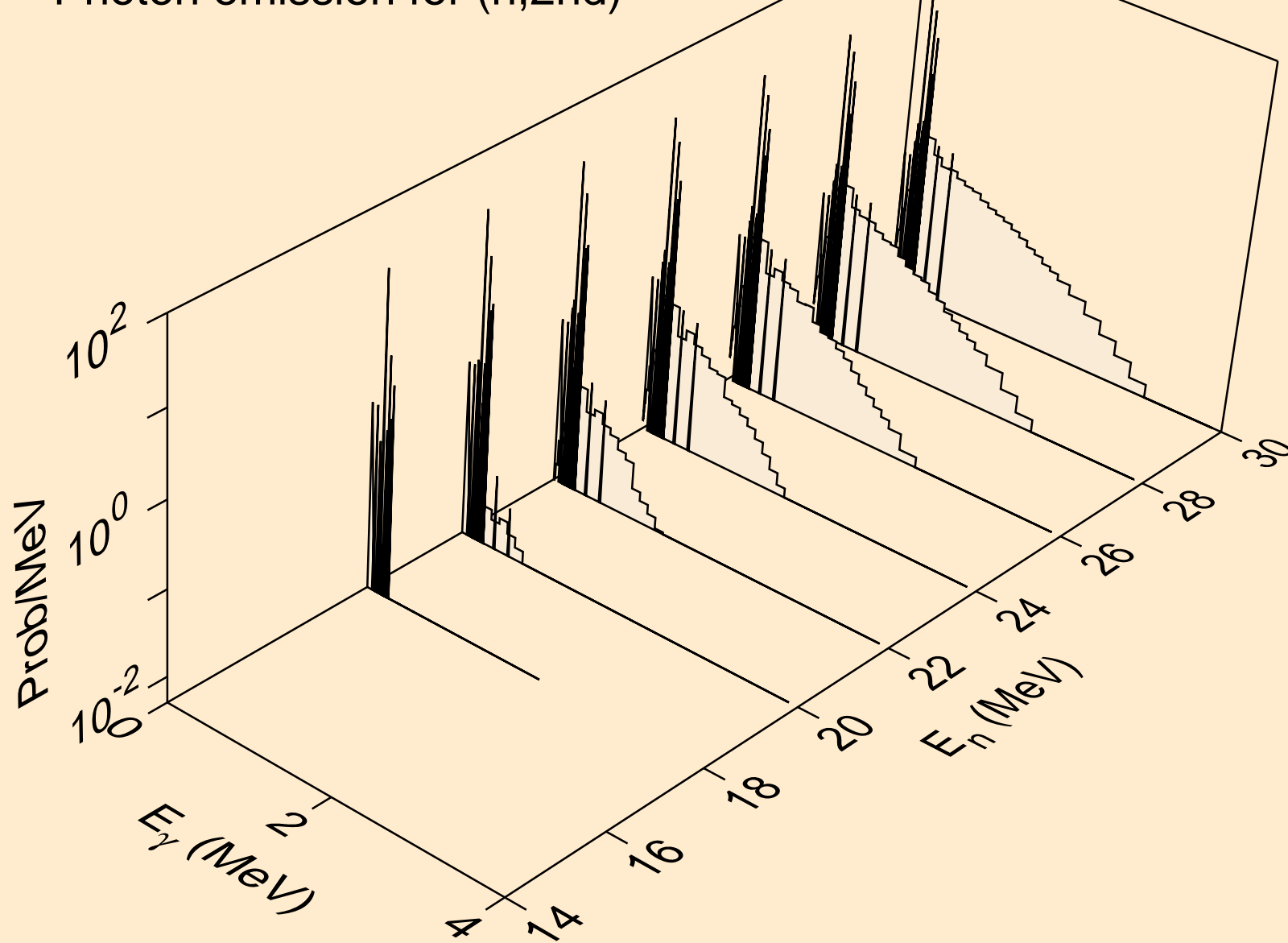
## Delayed neutron spectra



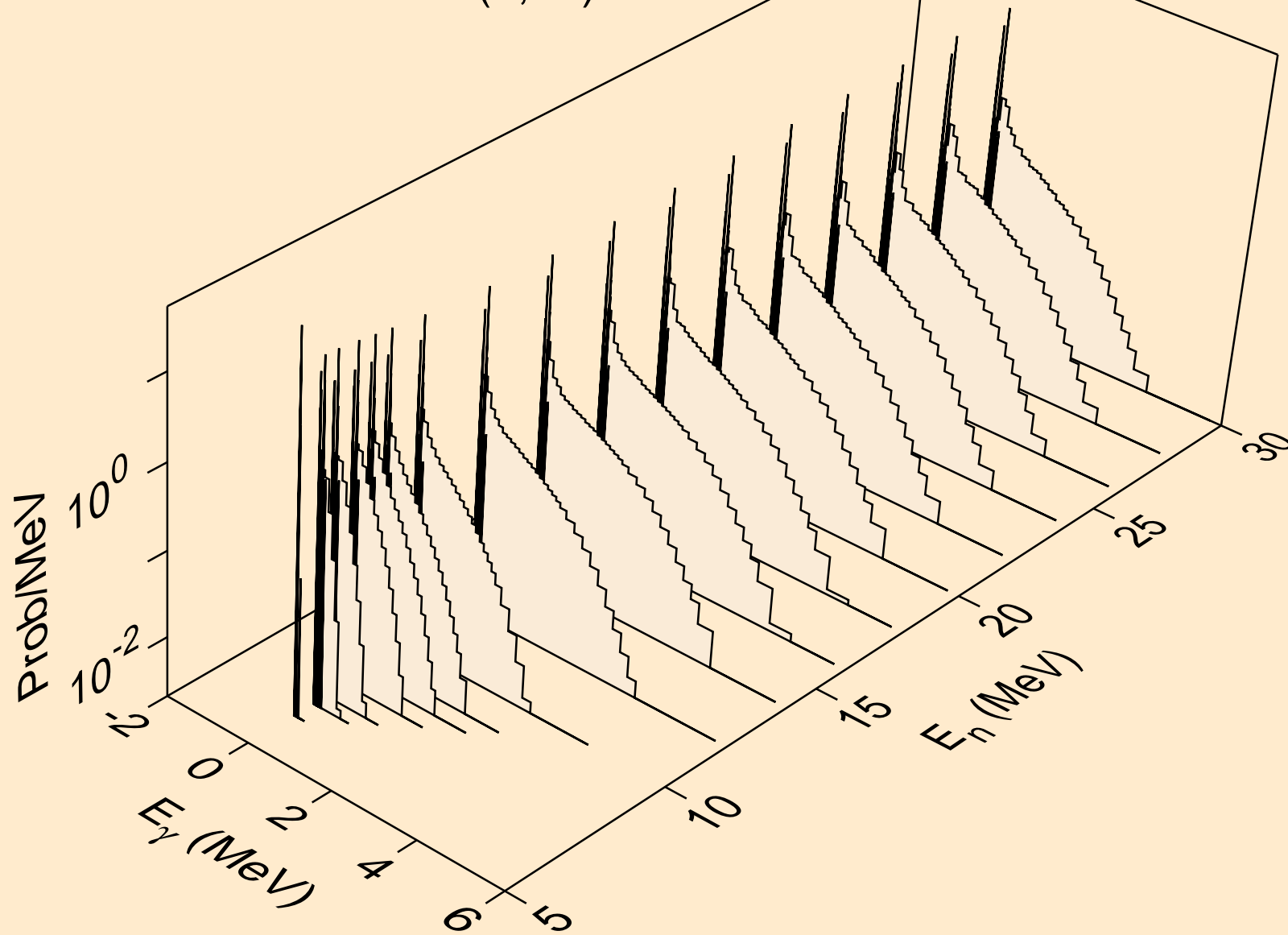
AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



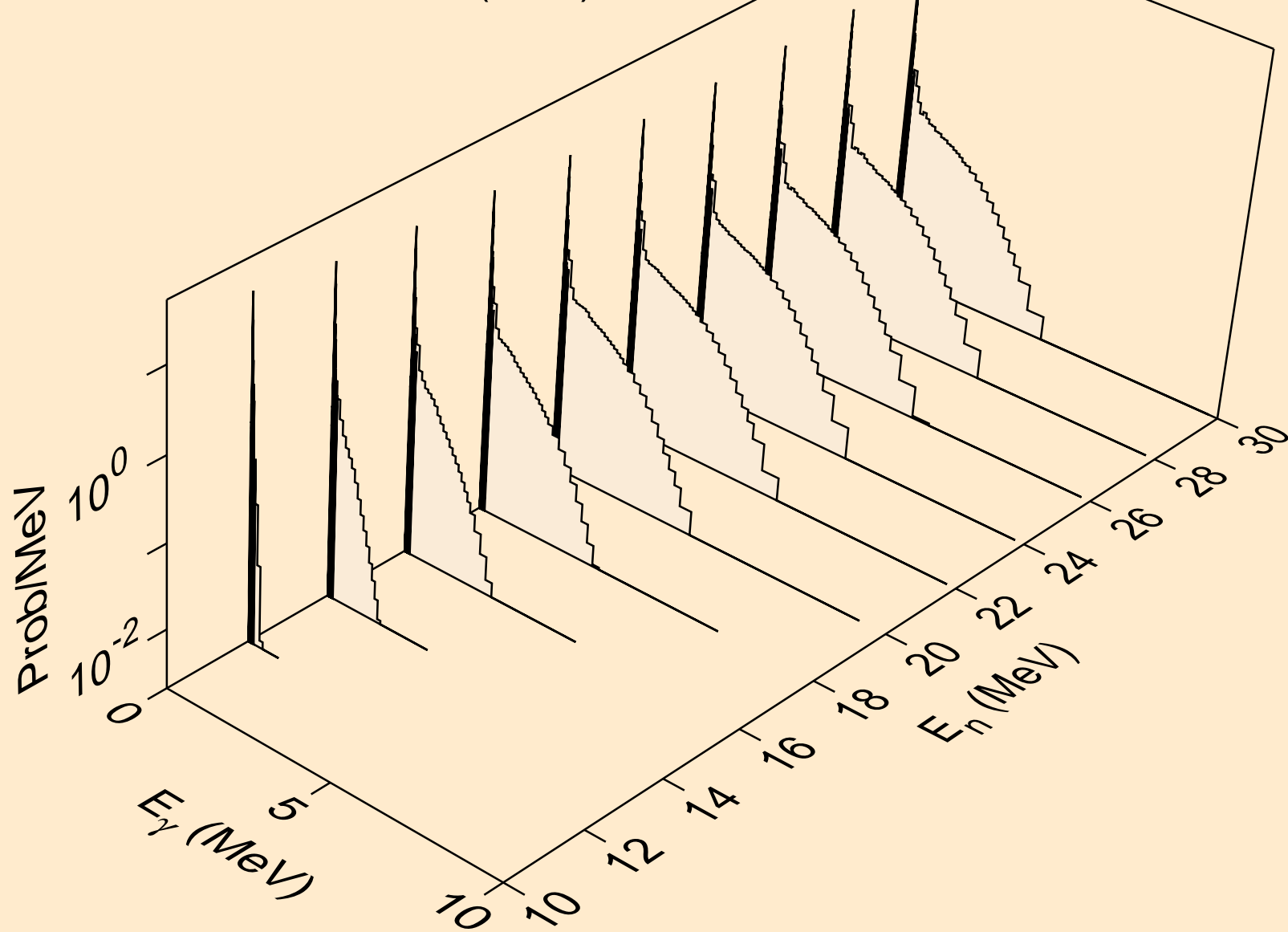
AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



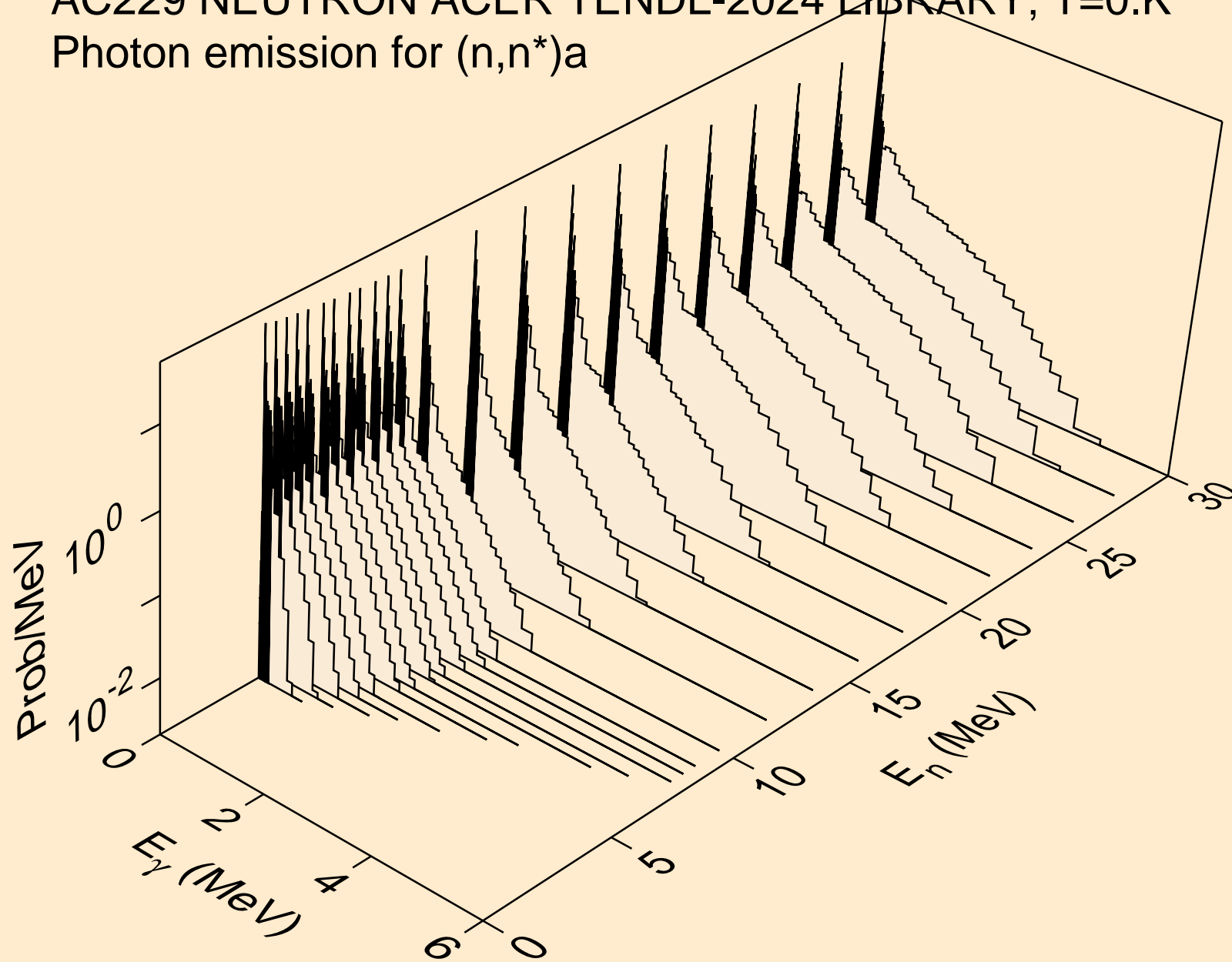
AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)

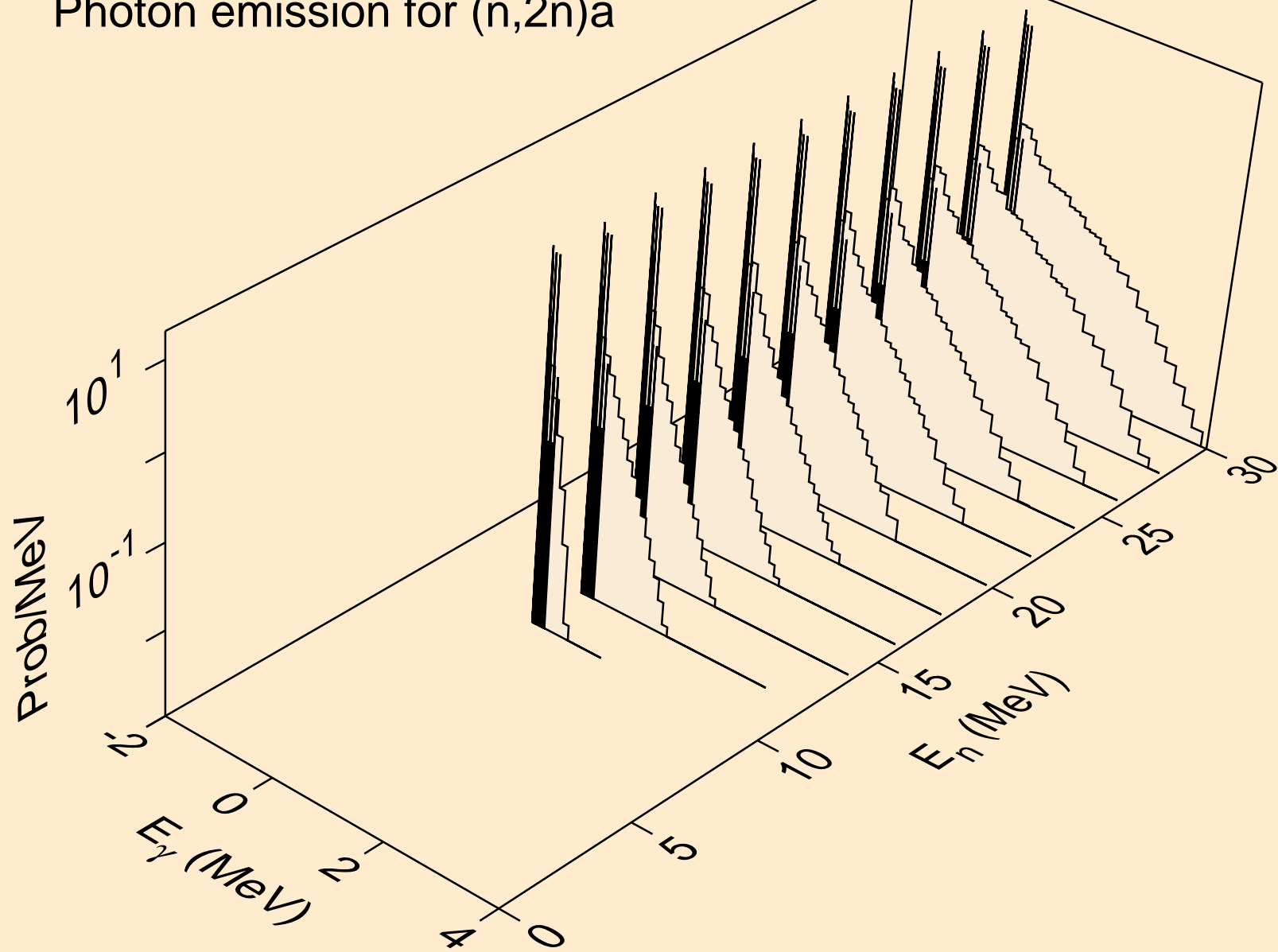


AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

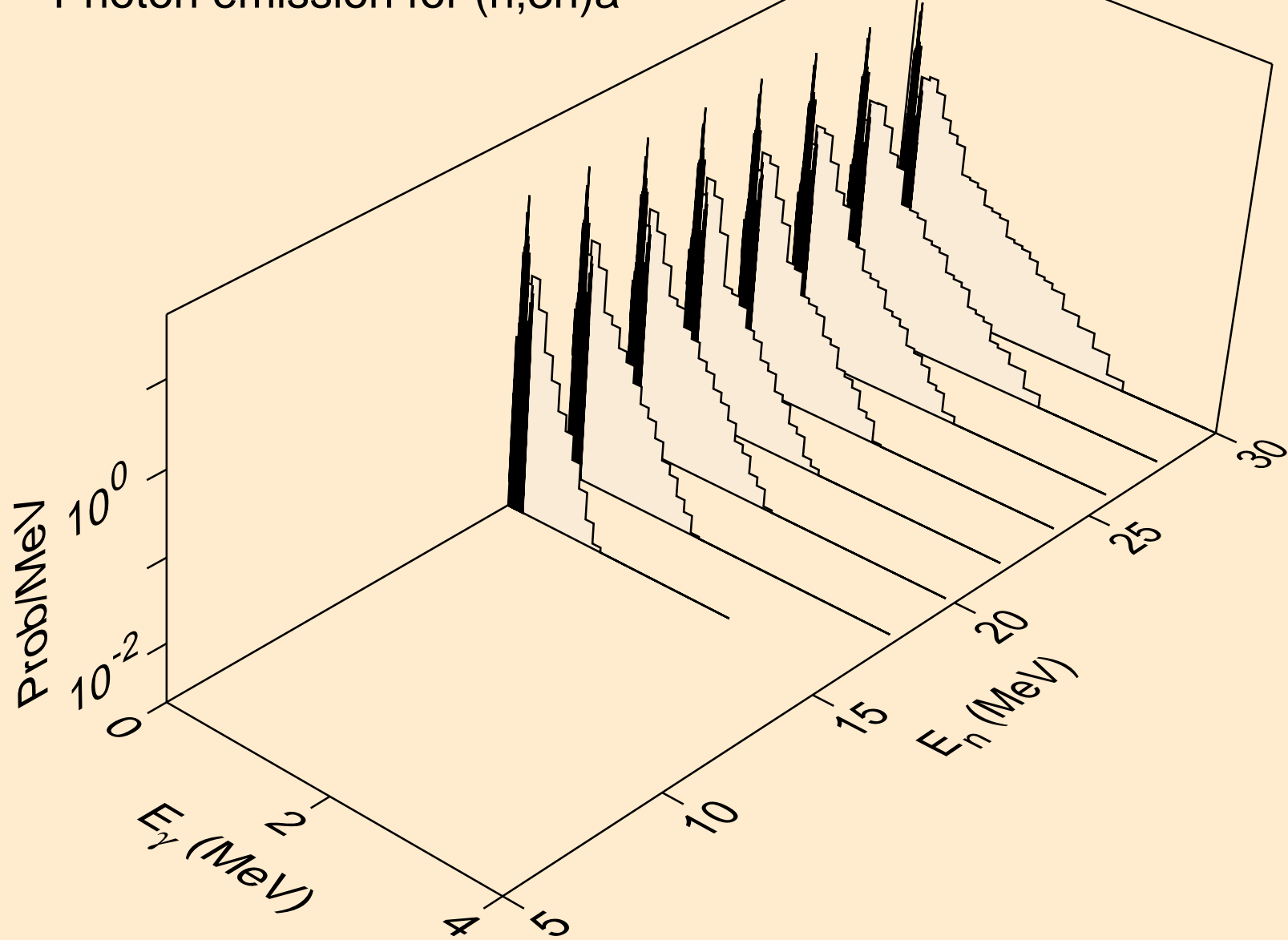




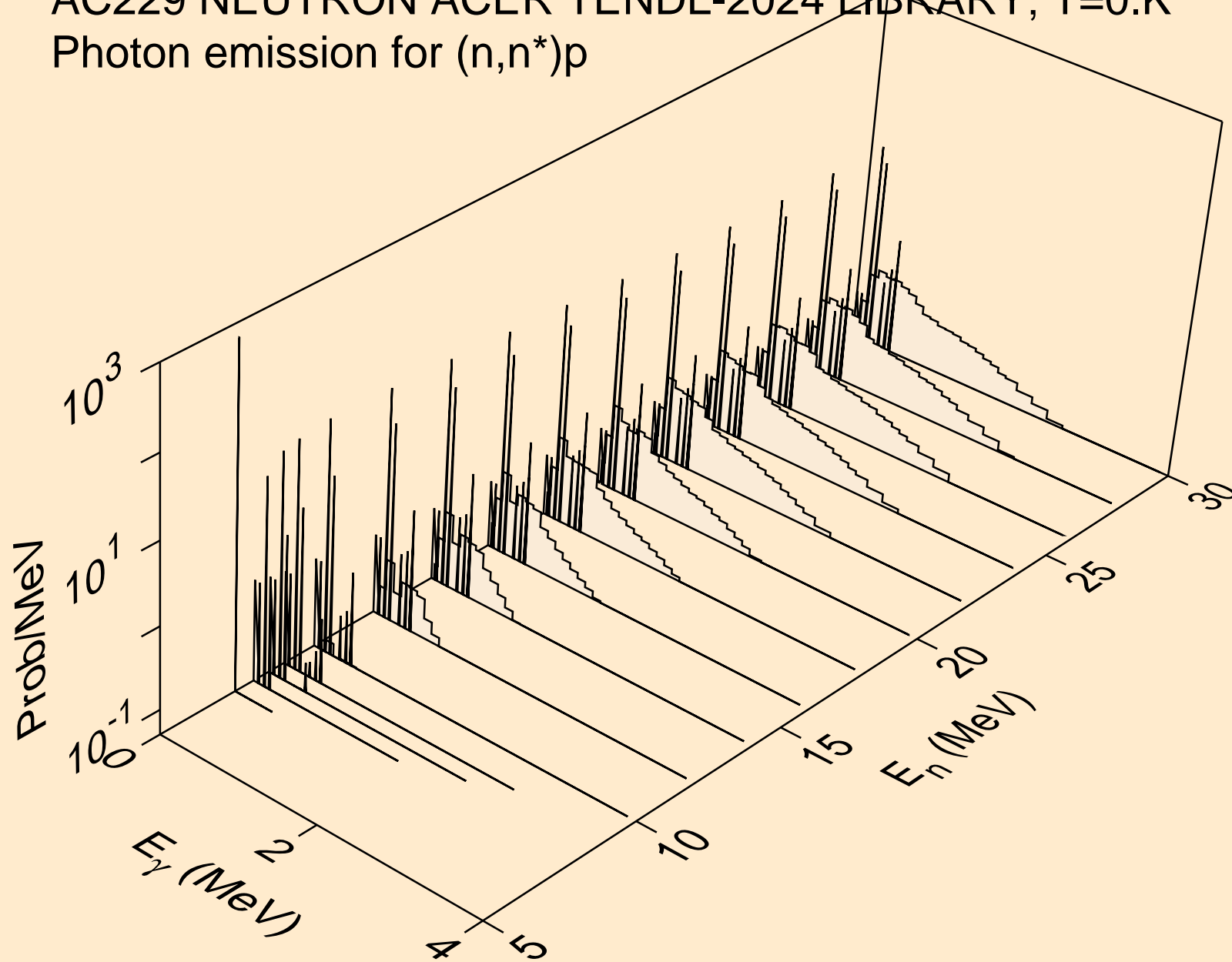
AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



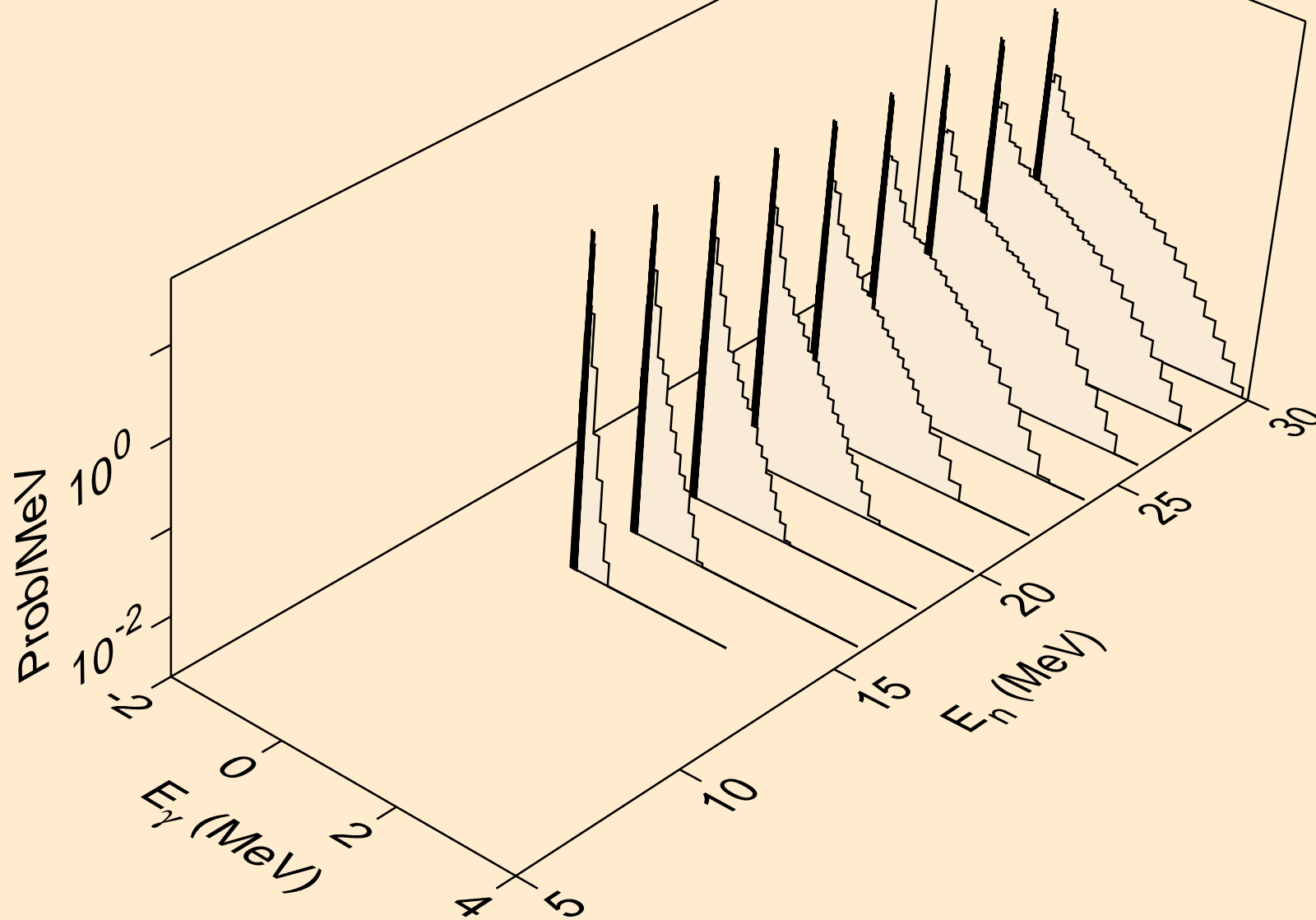
AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a



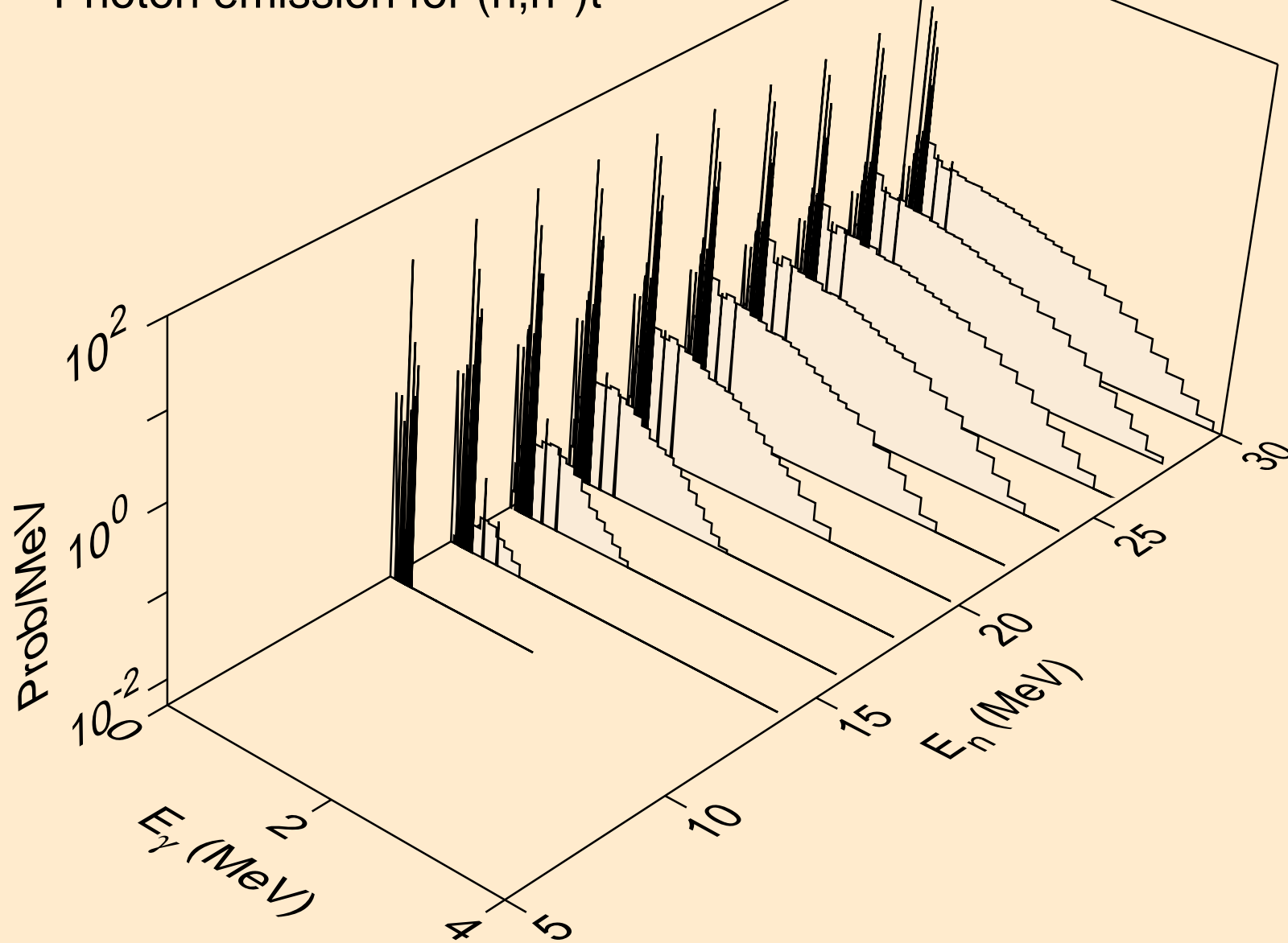
AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



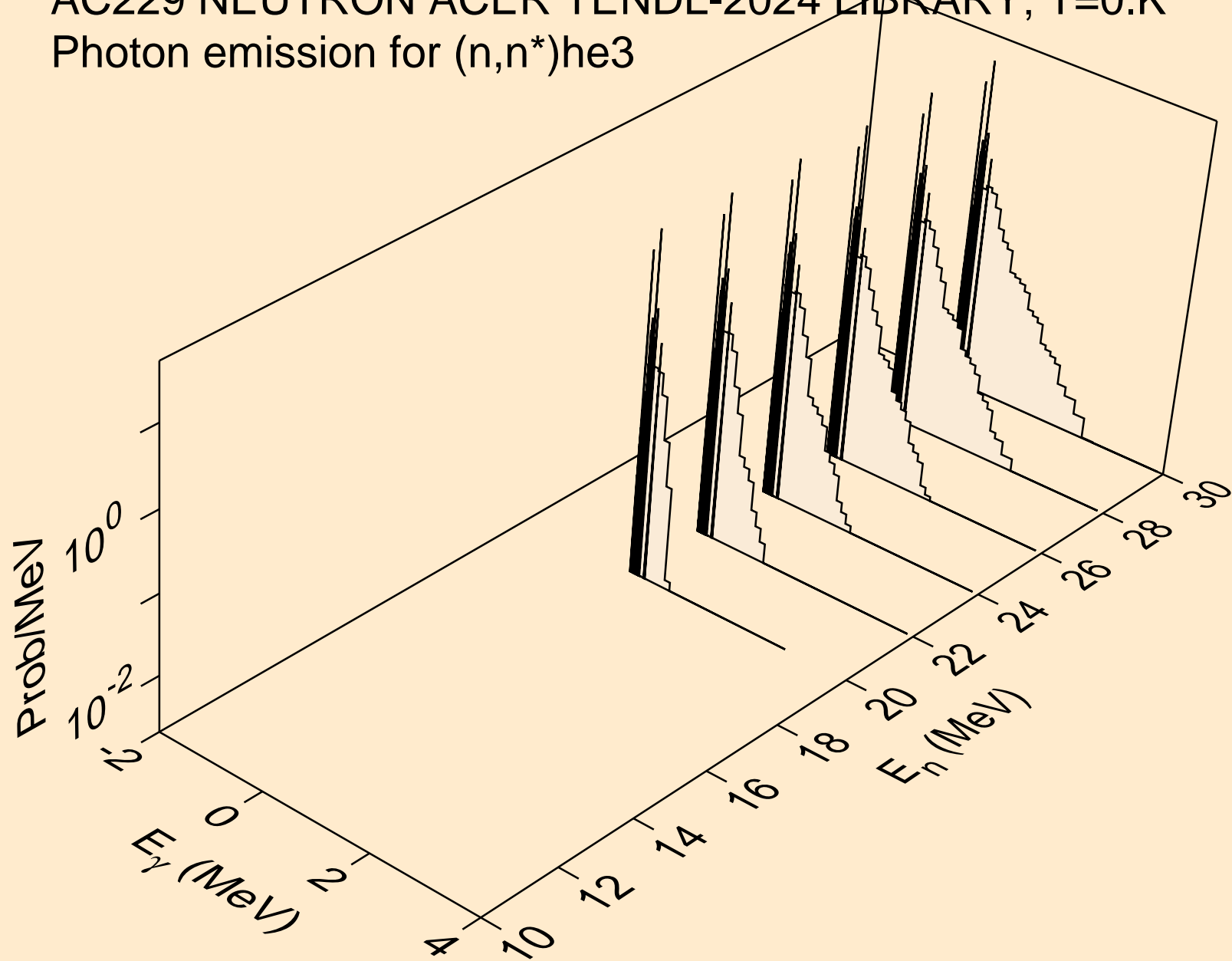
AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



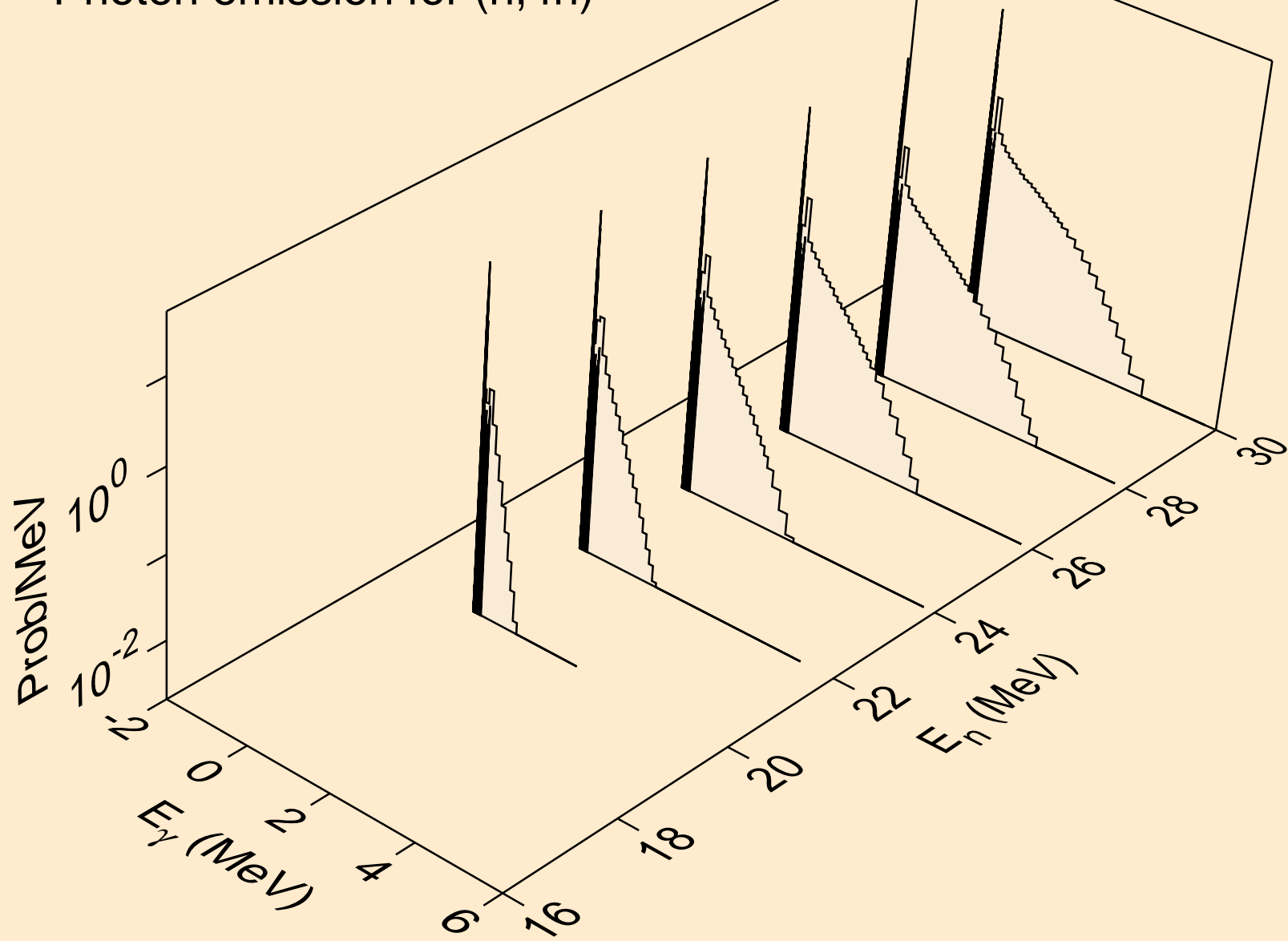
AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



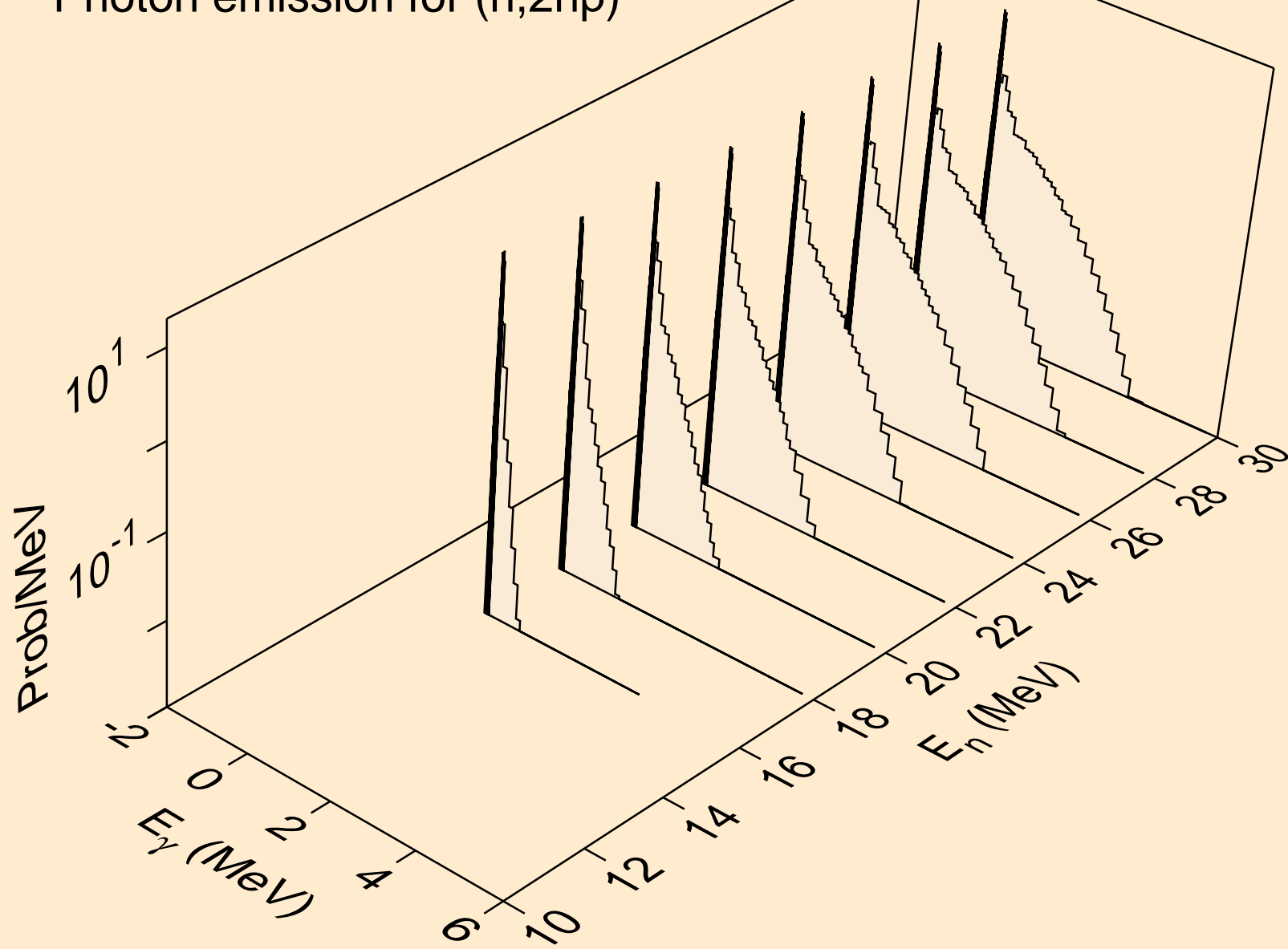
AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)

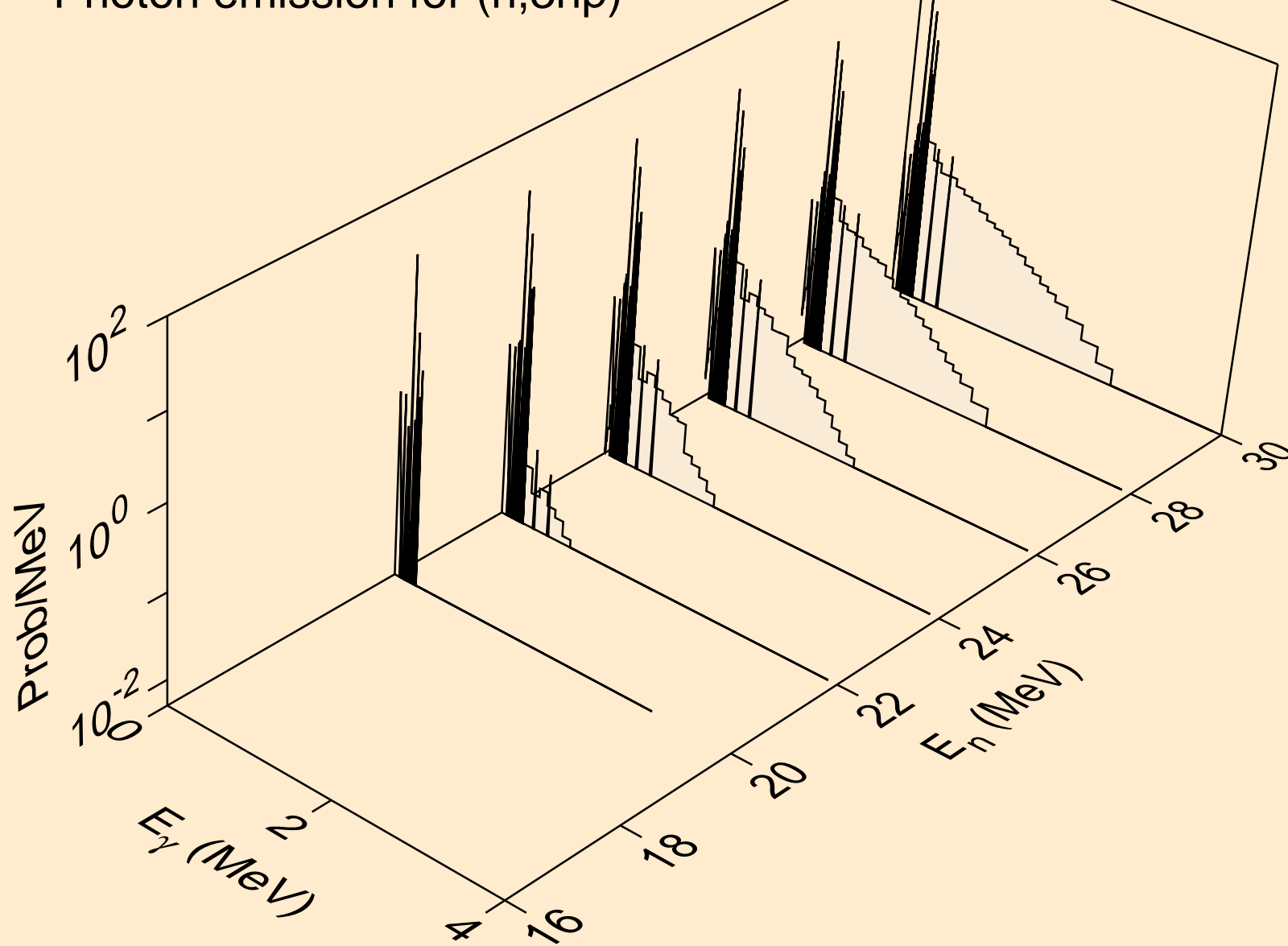


AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)

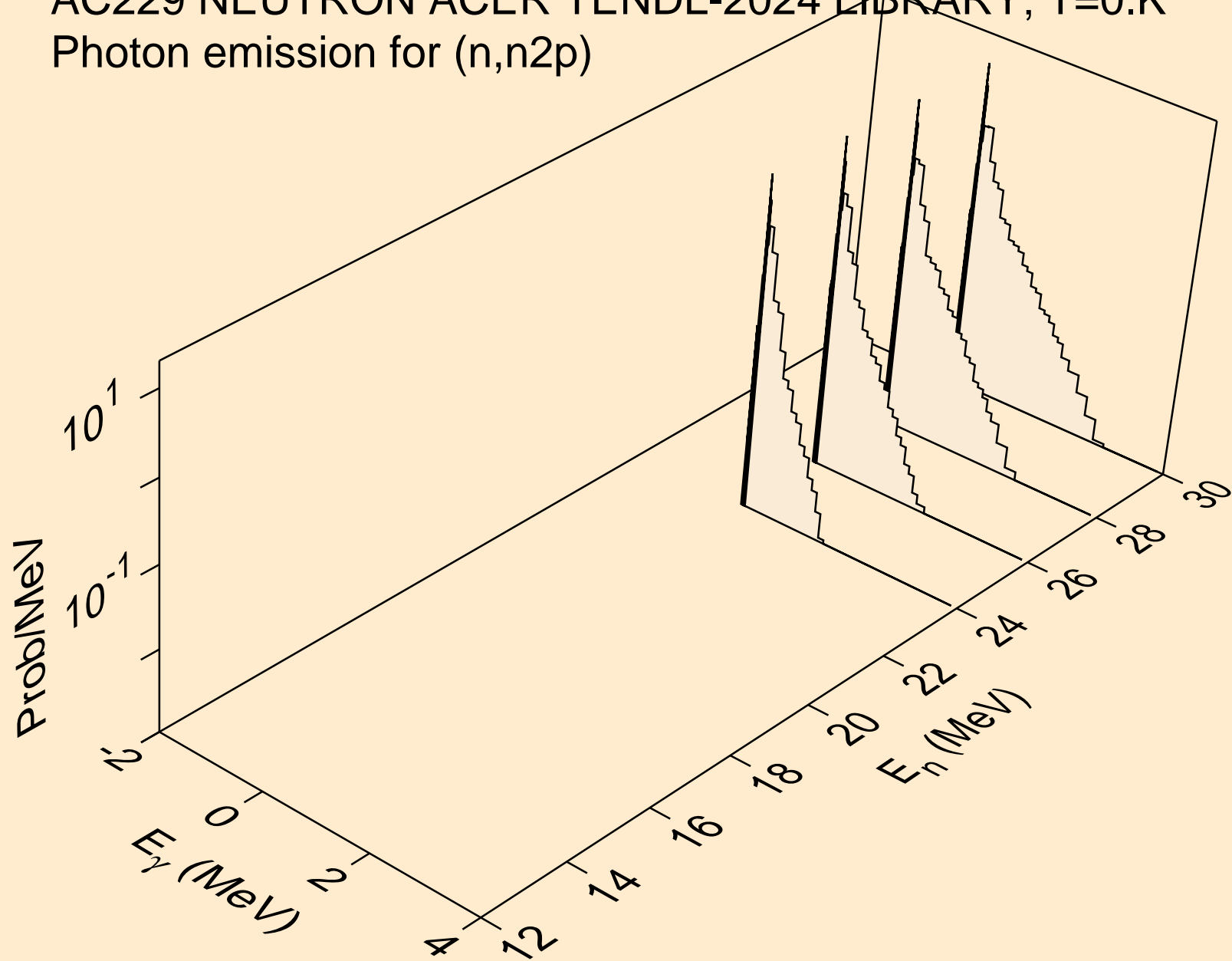




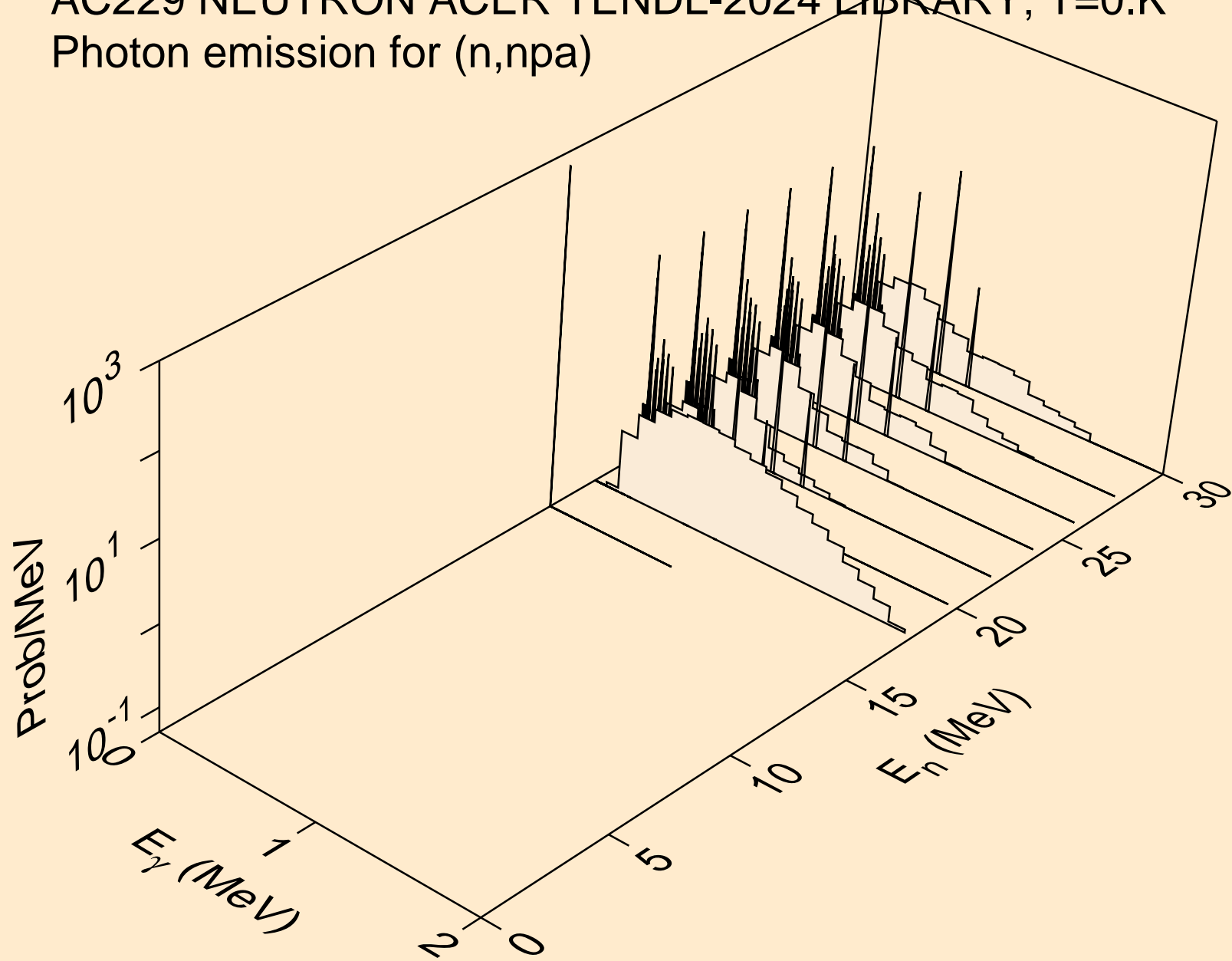
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Photon emission for (n,3np)



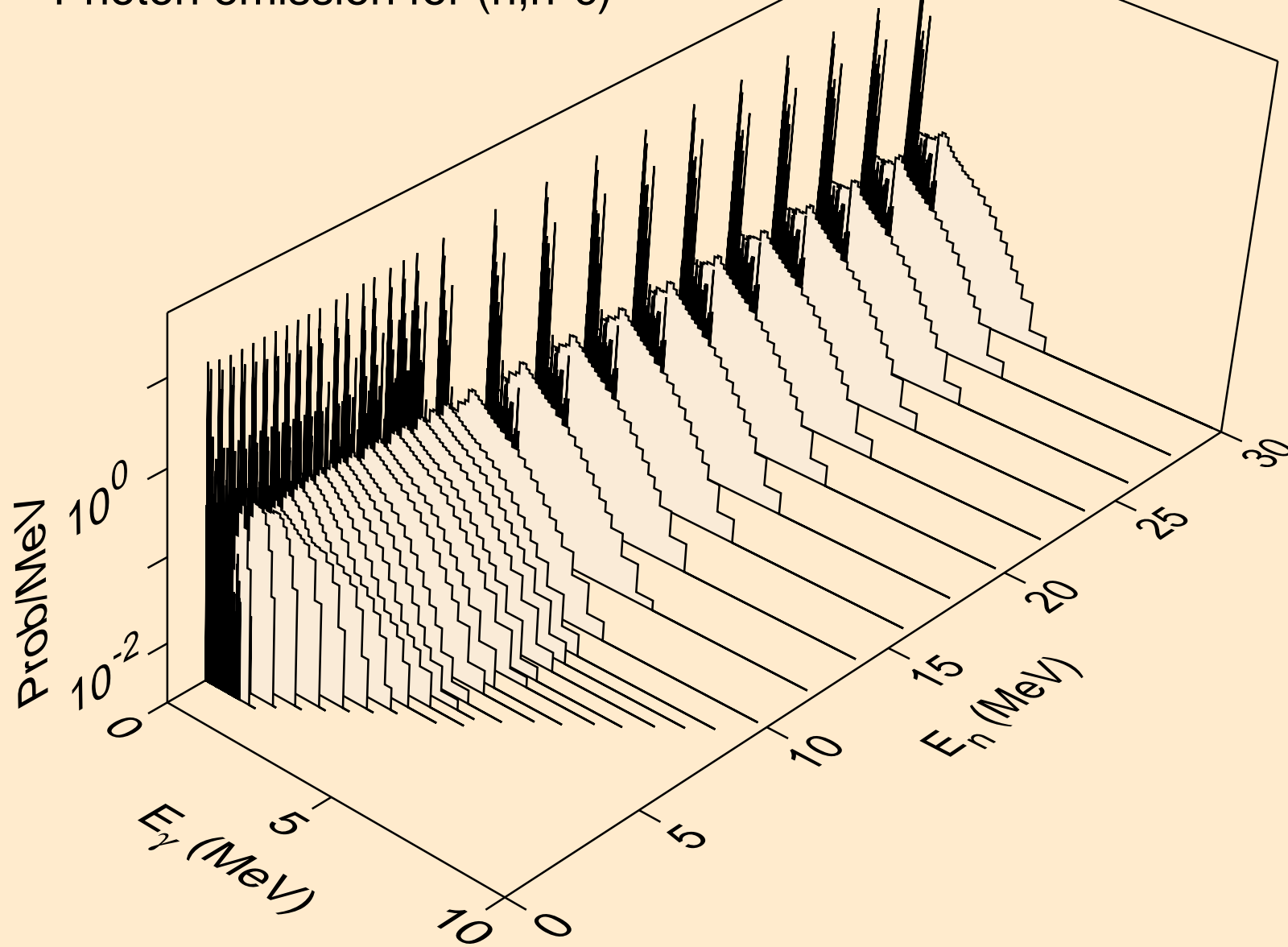
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Photon emission for (n,n2p)



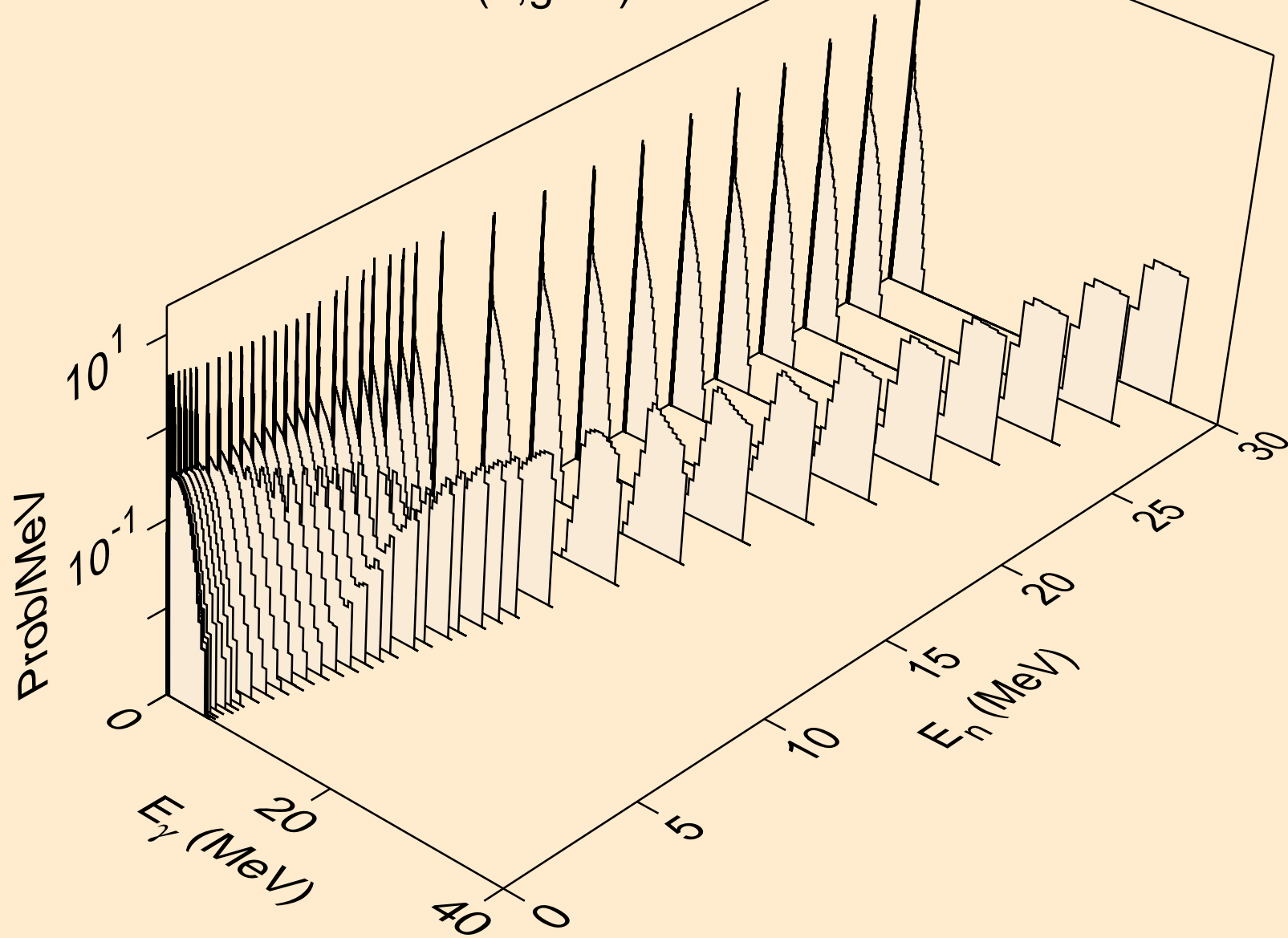
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Photon emission for (n,npa)



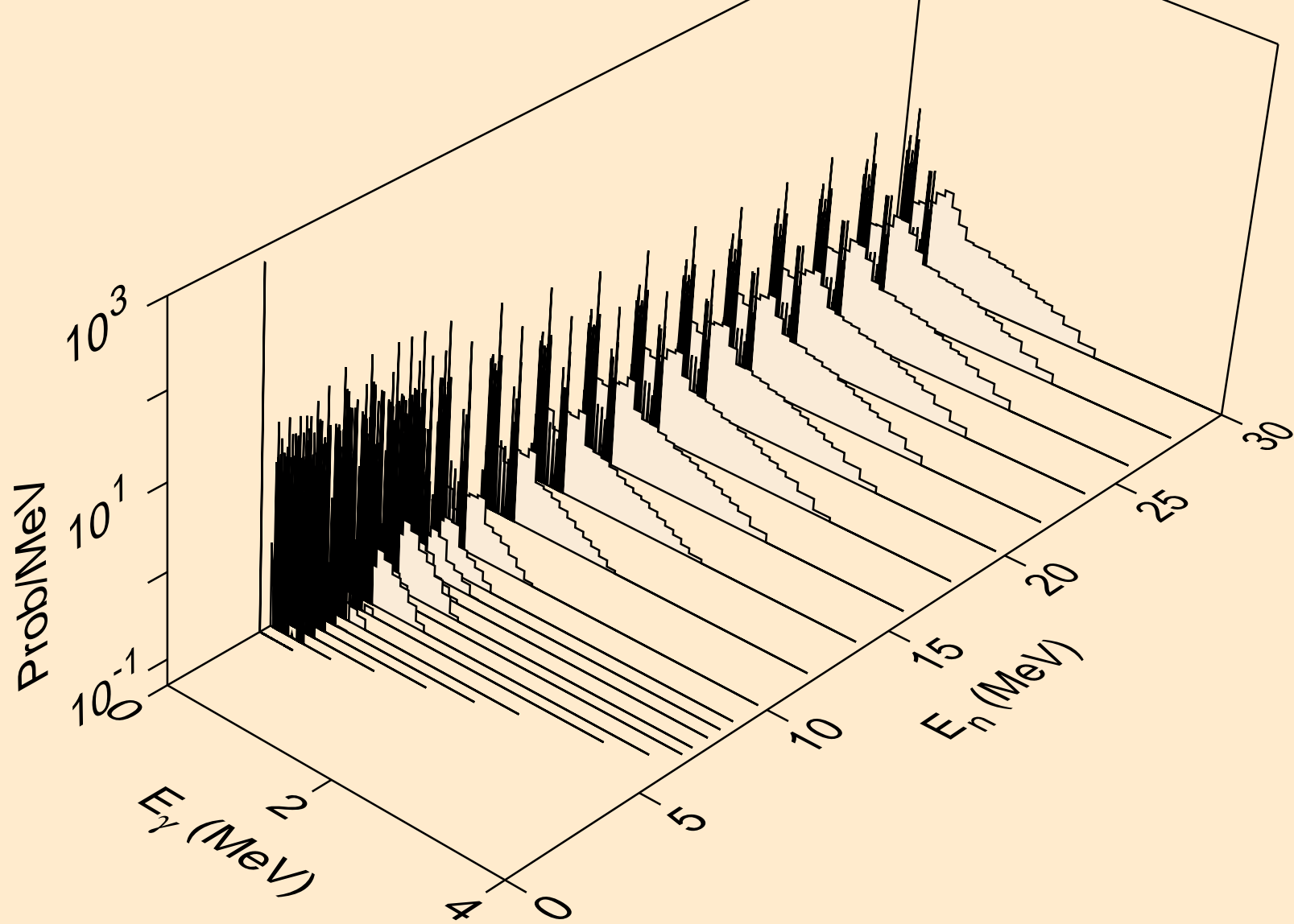
AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



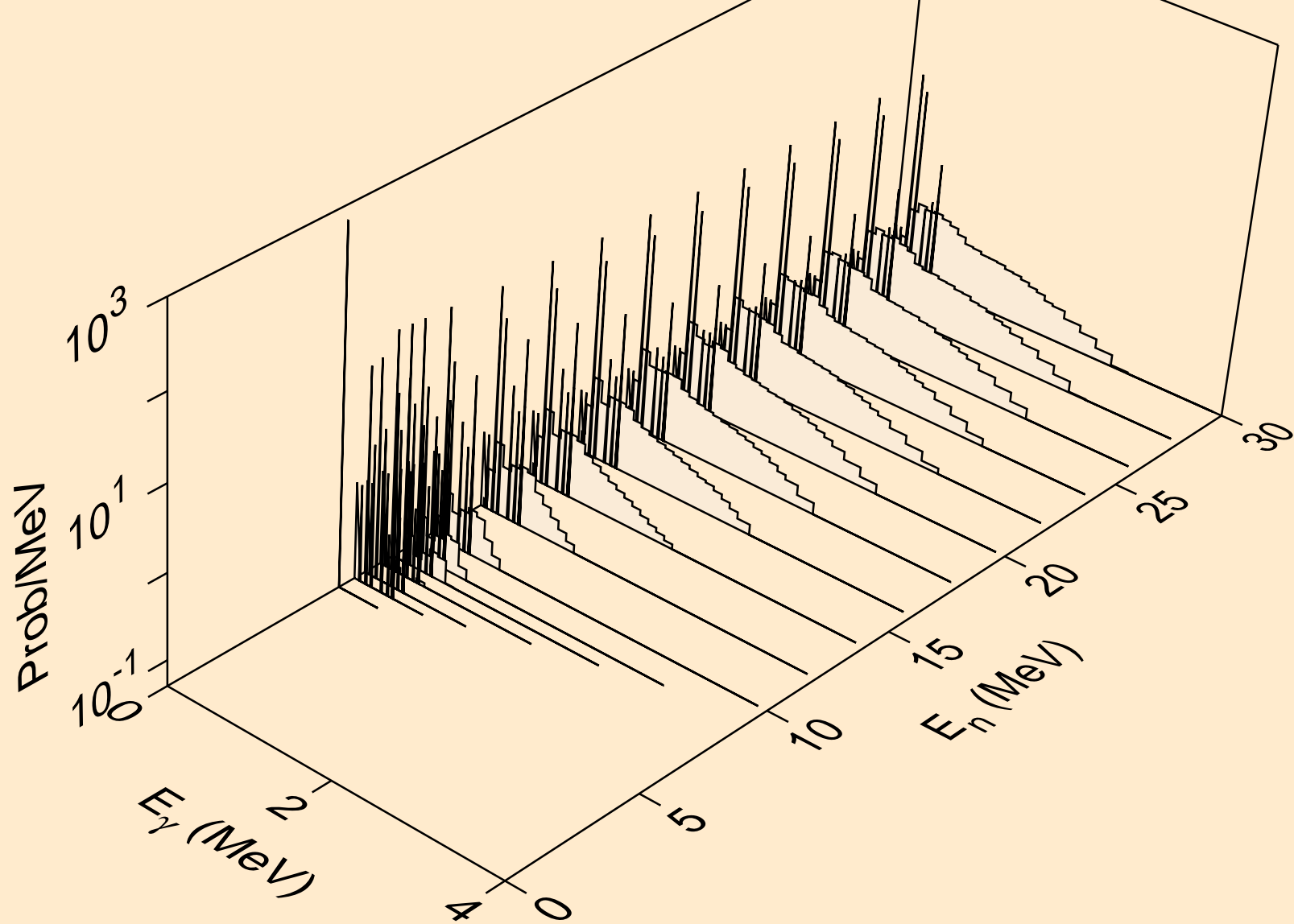
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Photon emission for (n,gma)



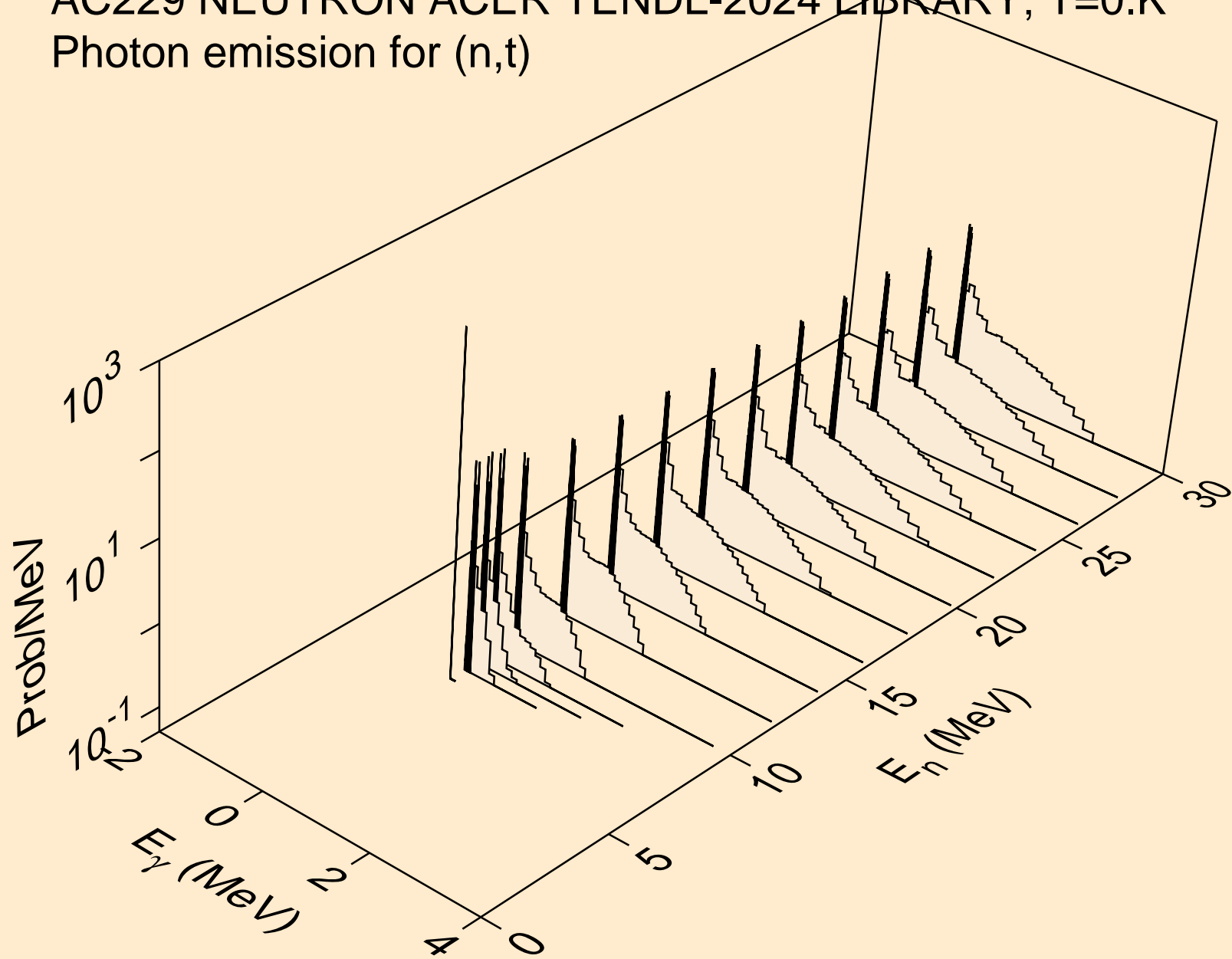
AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)

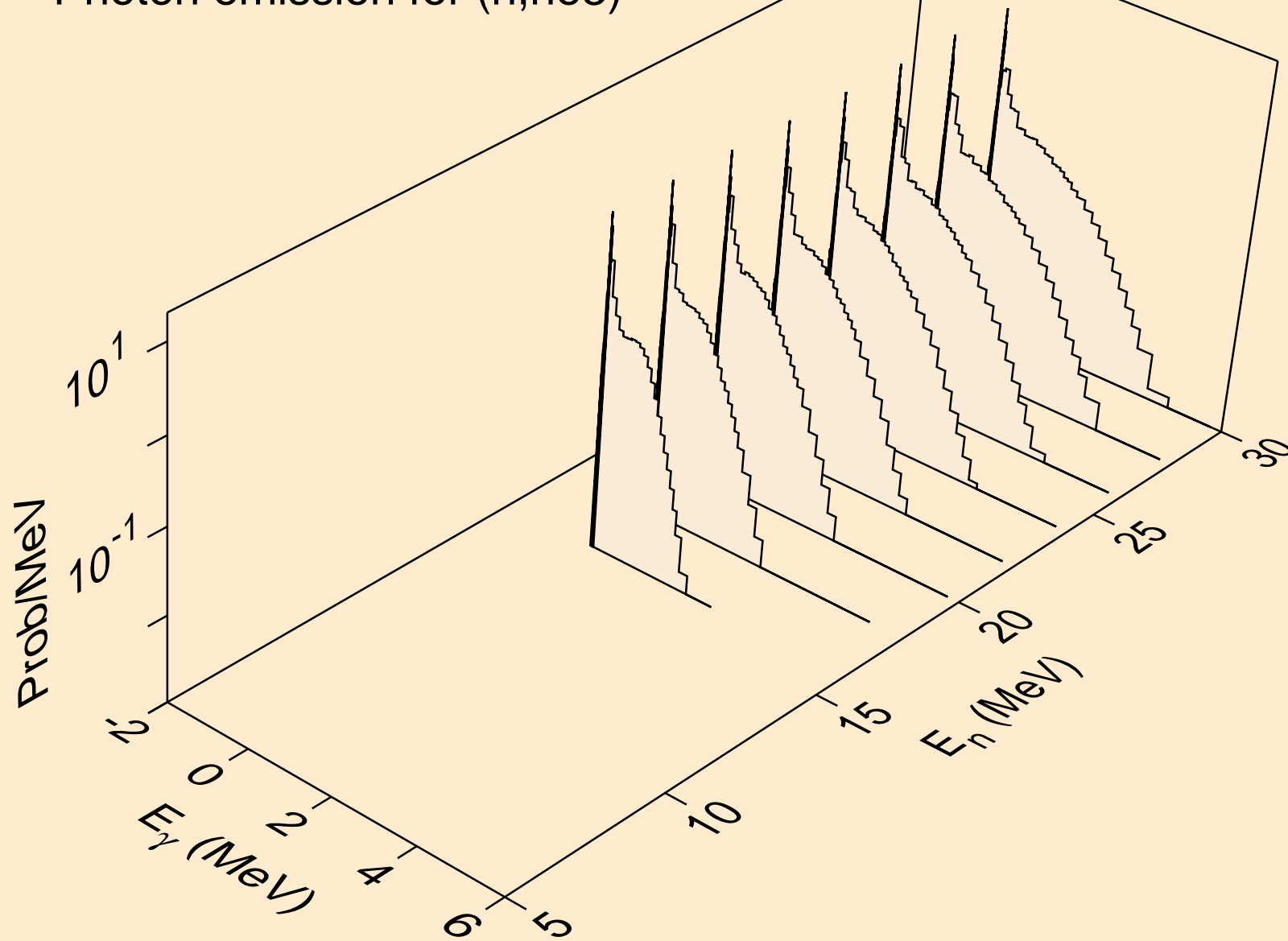


AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)

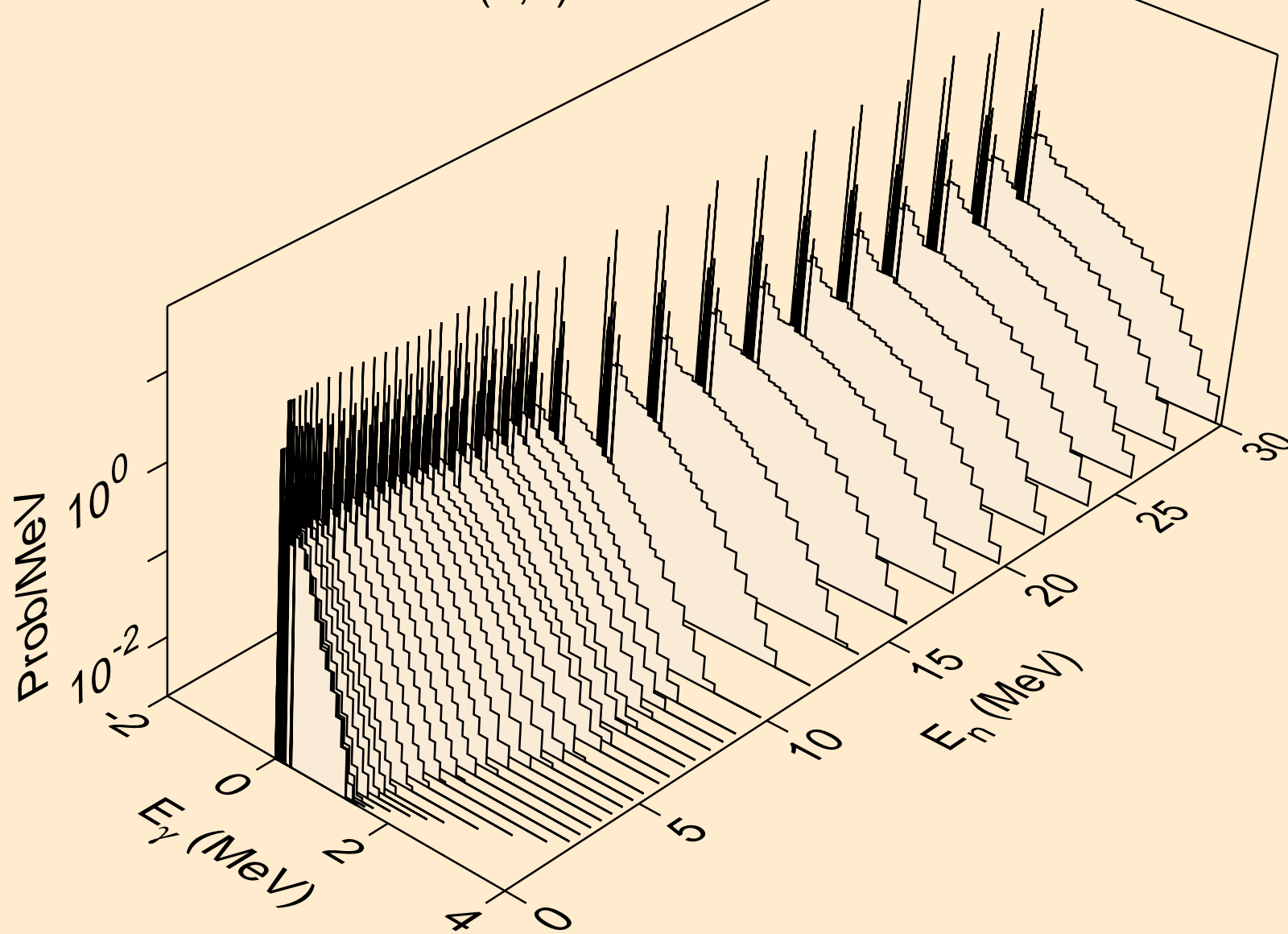




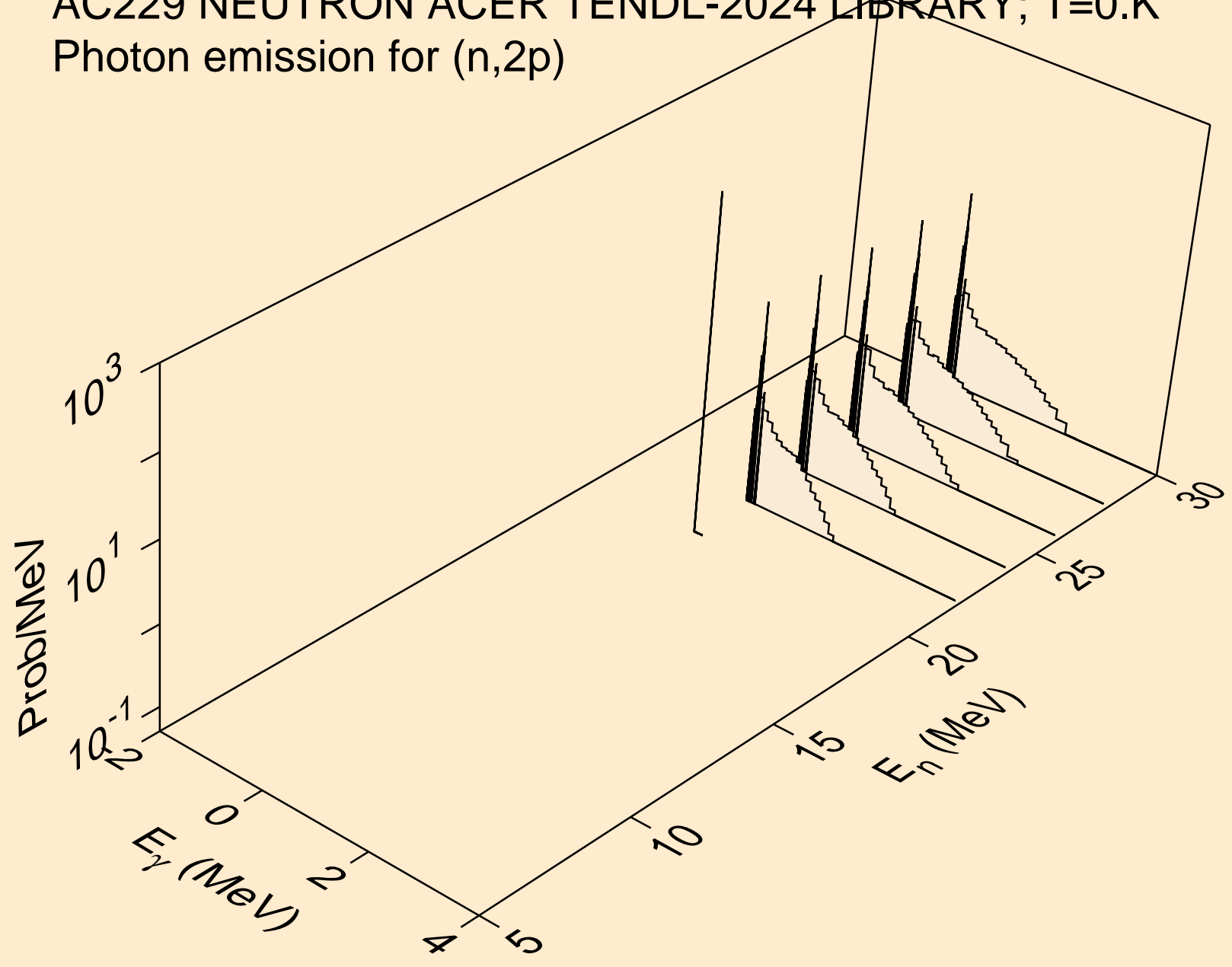
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Photon emission for (n,he3)



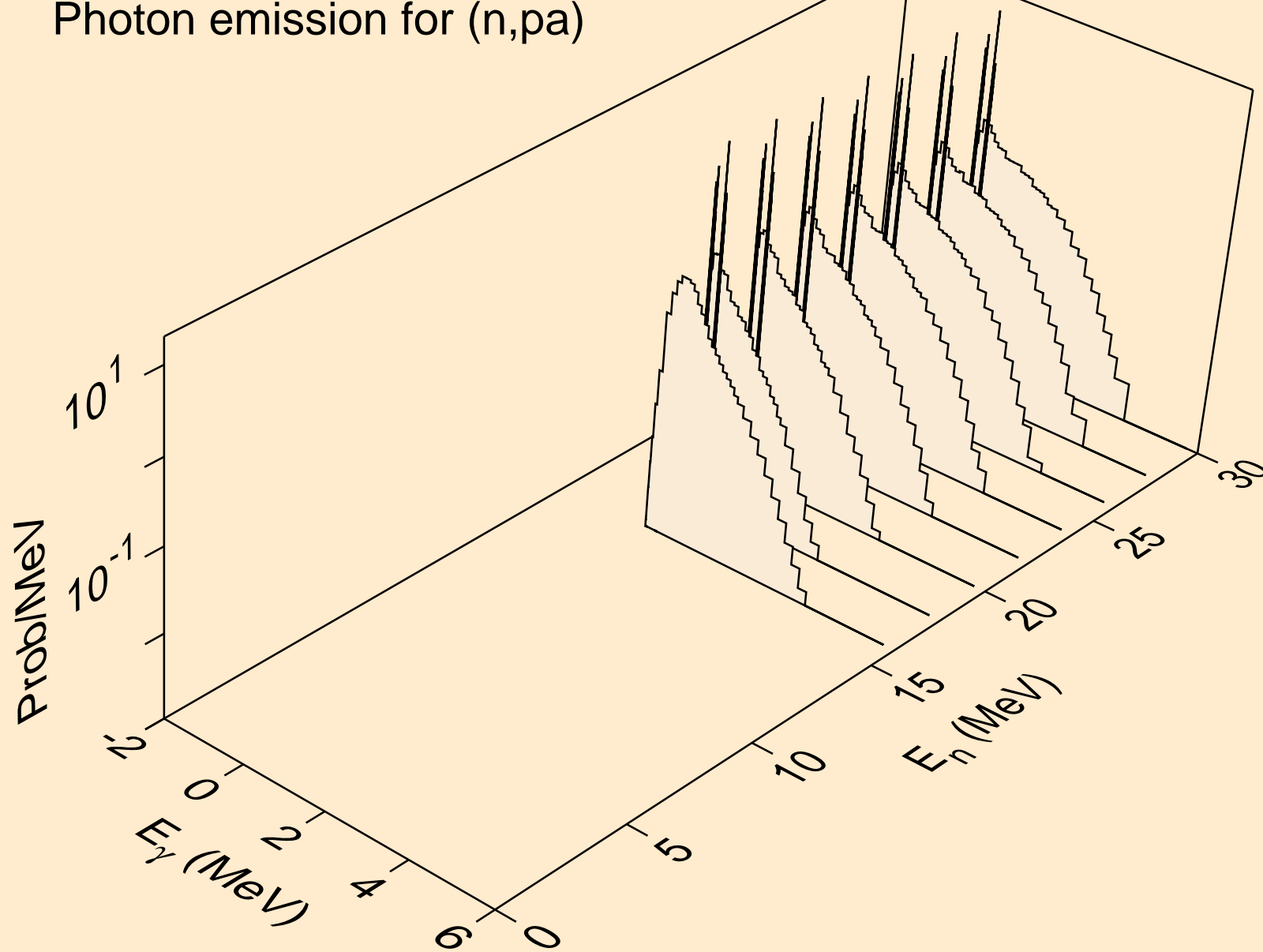
AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



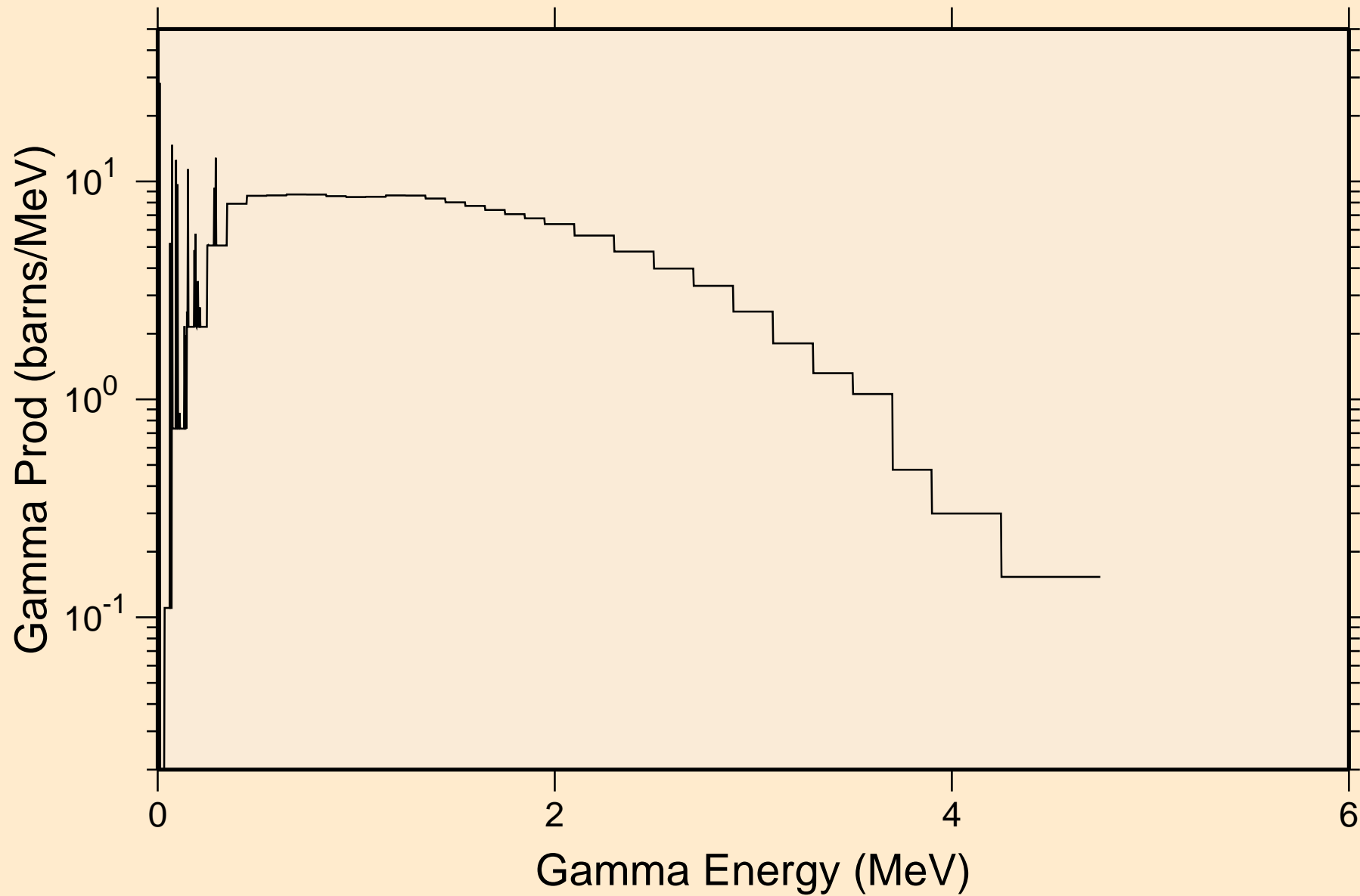
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Photon emission for (n,2p)



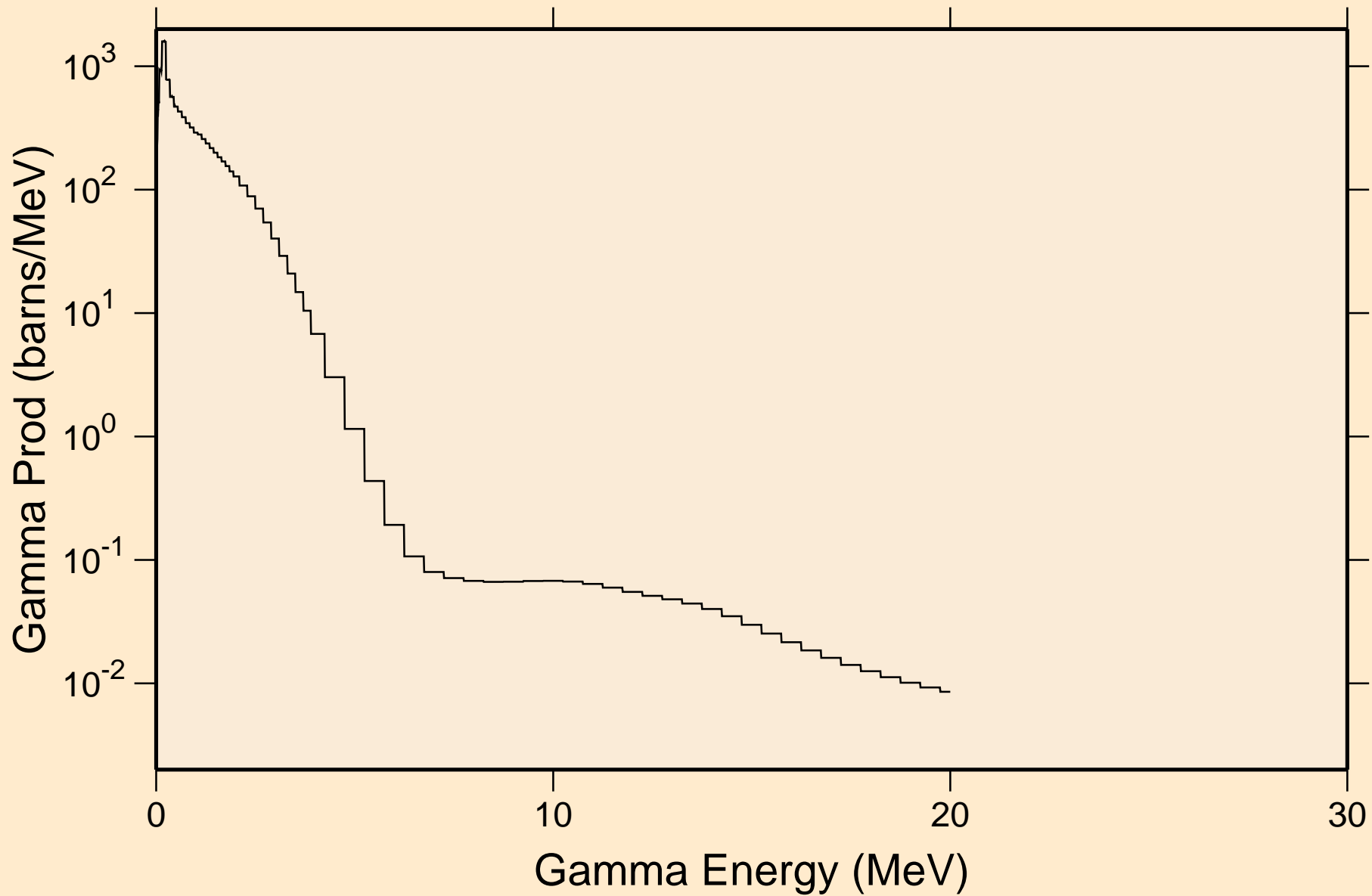
AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



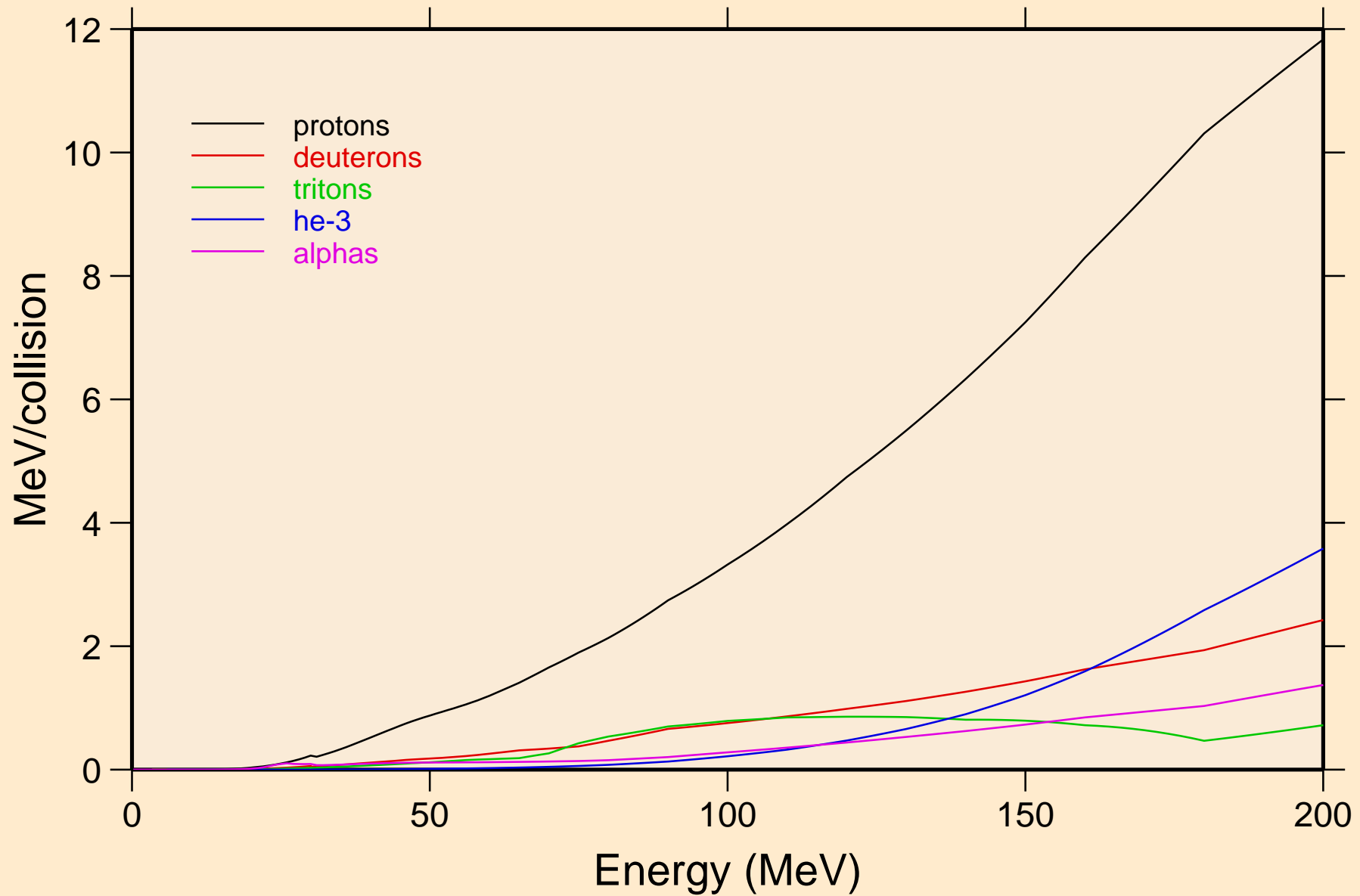
AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum



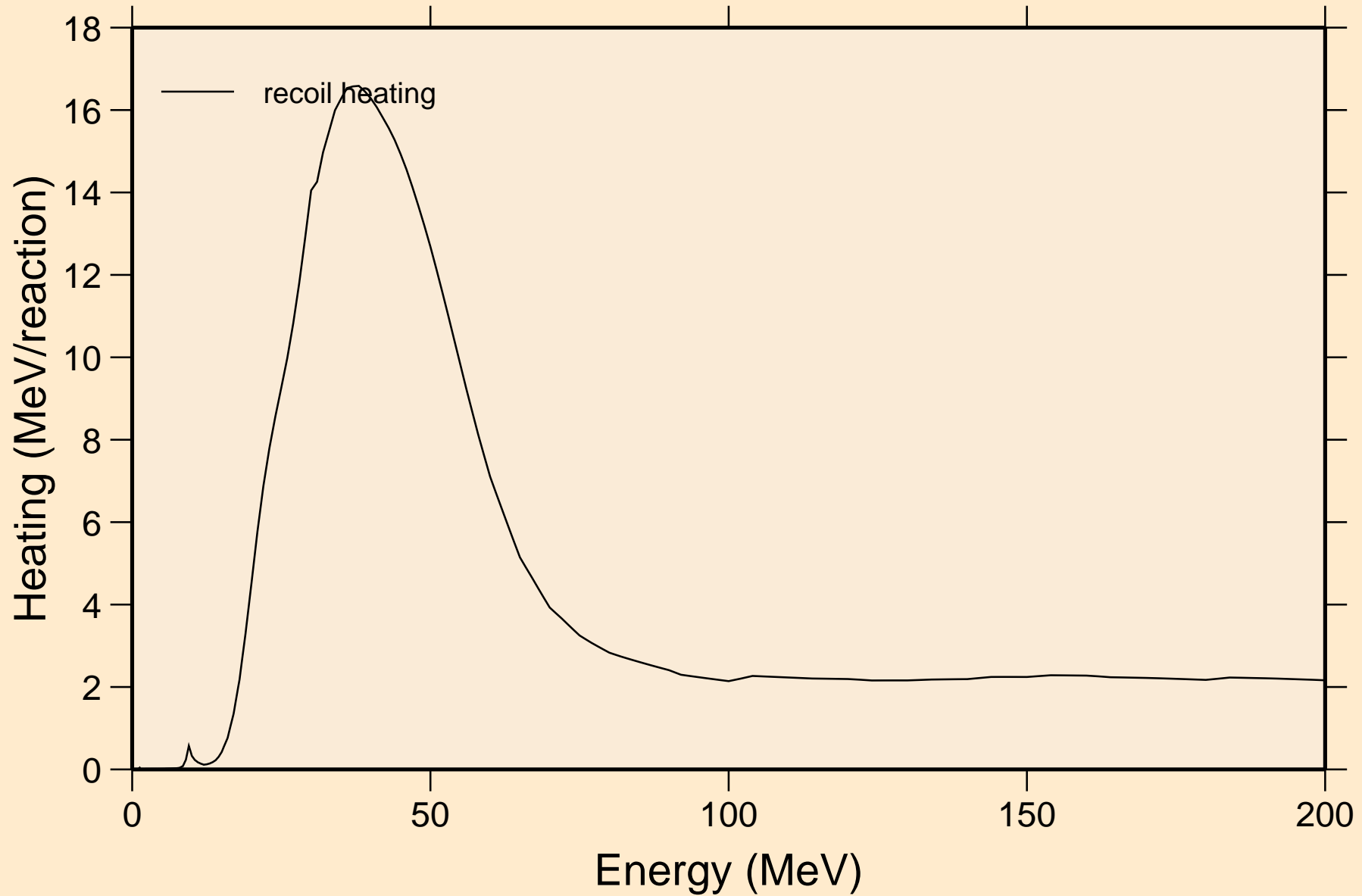
AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum



AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle heating contributions

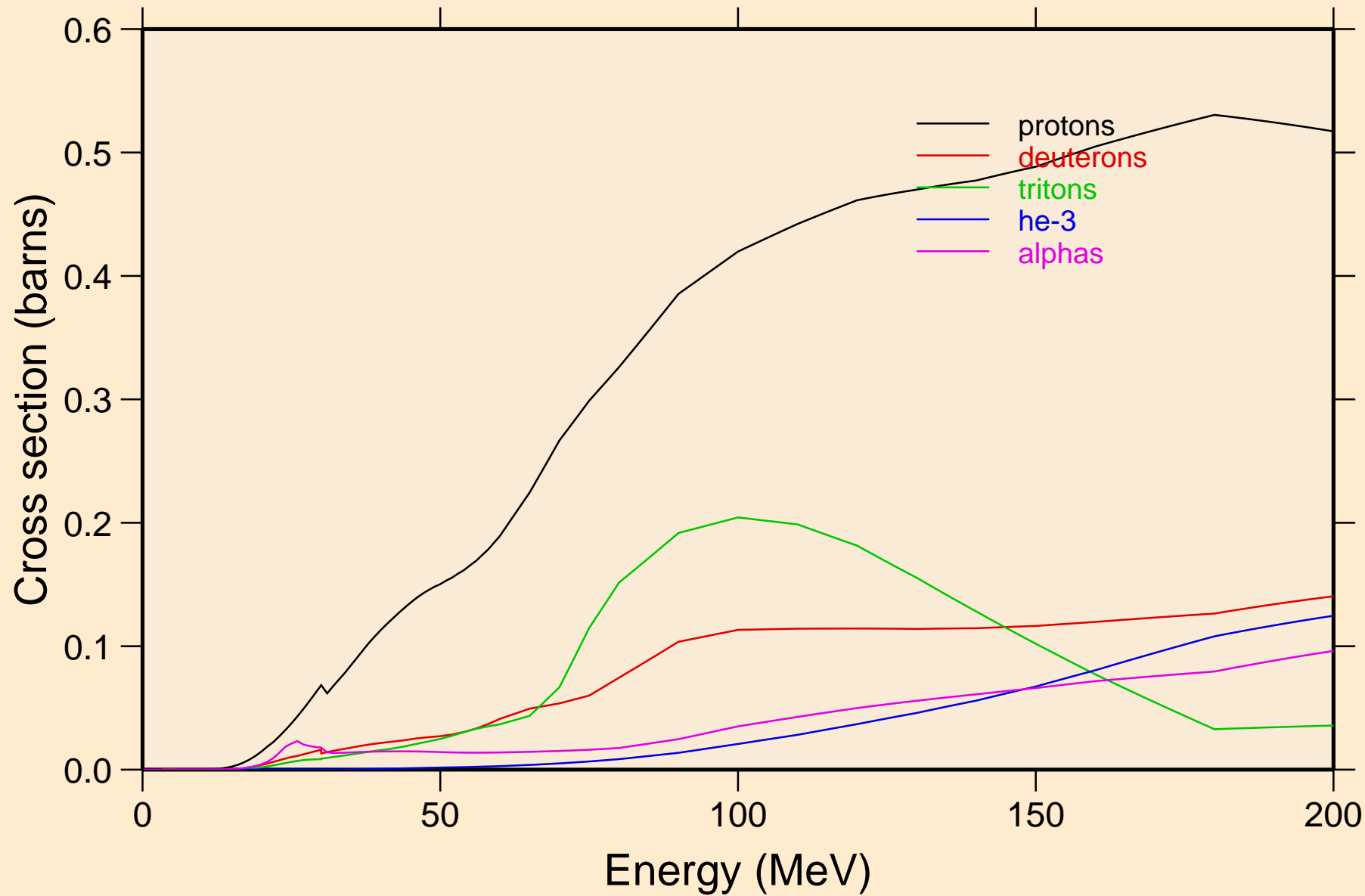


AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating

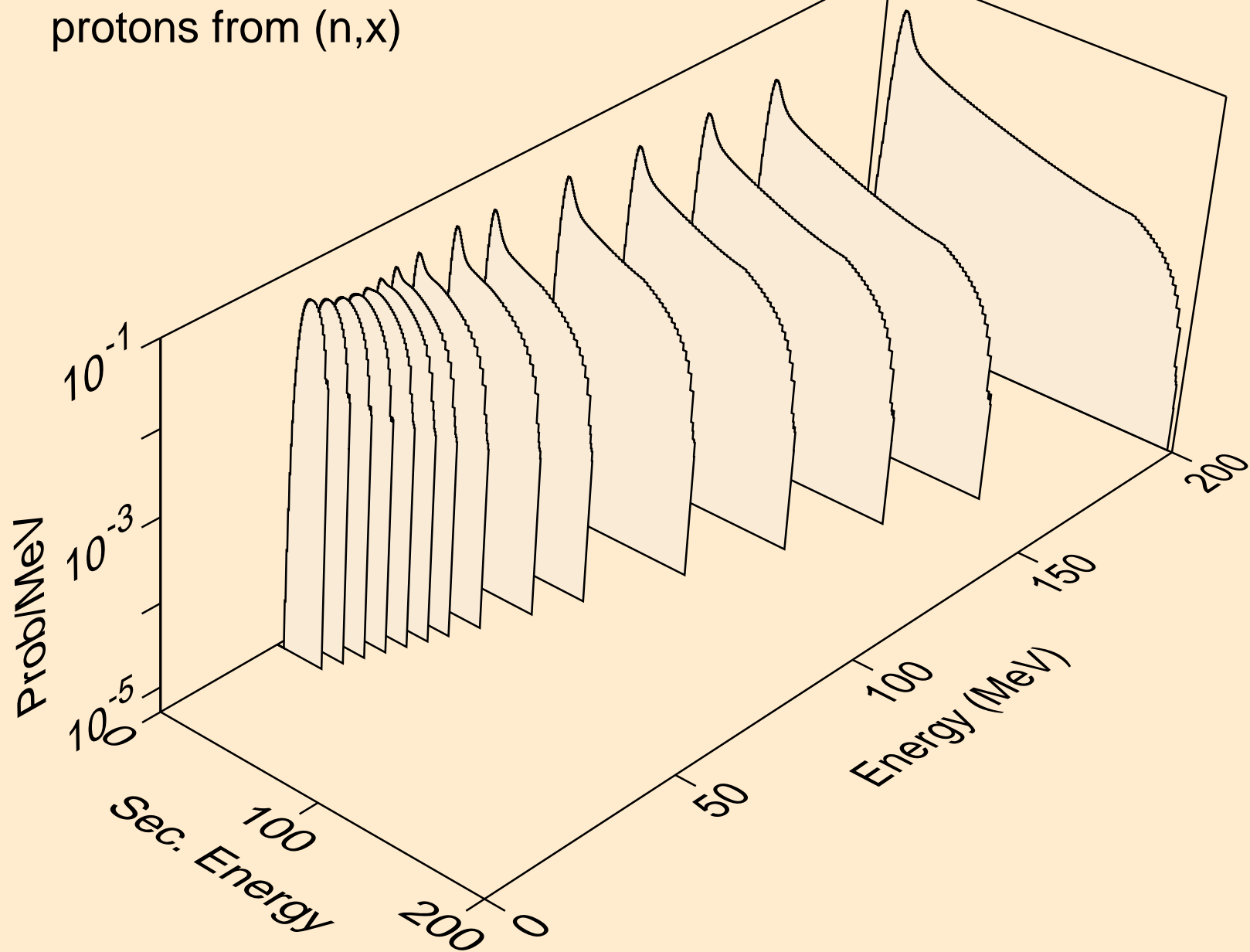




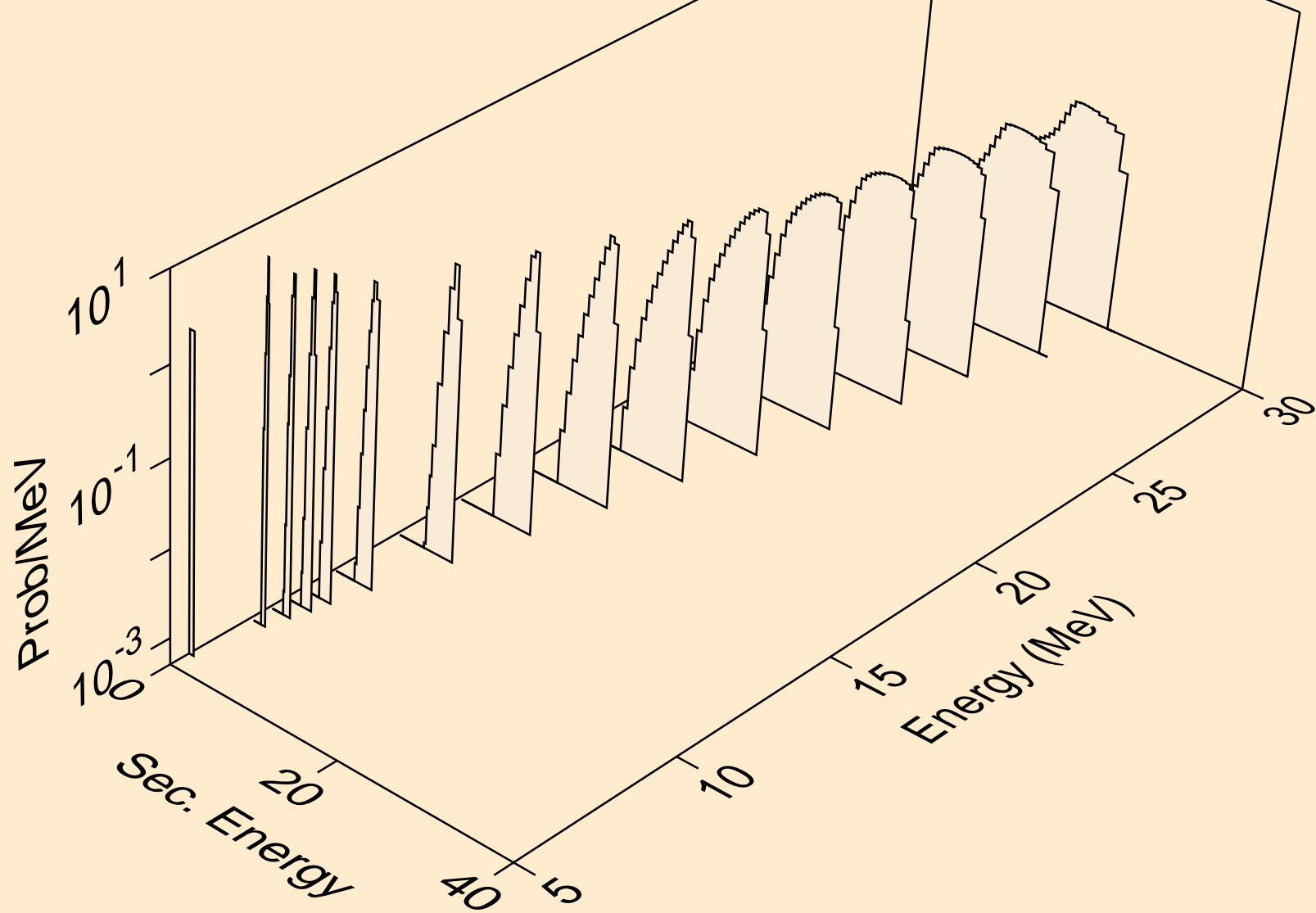
AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



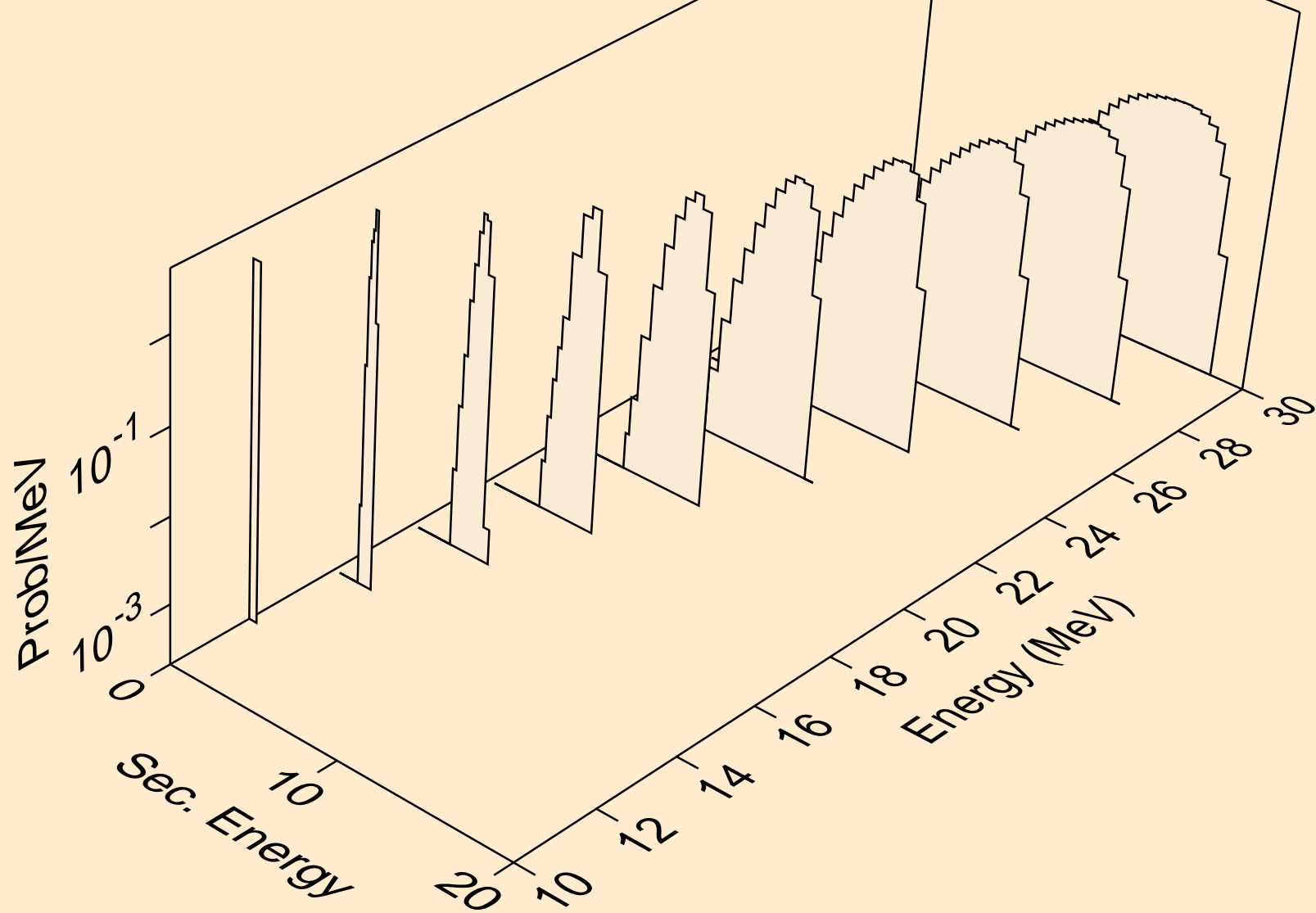
AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



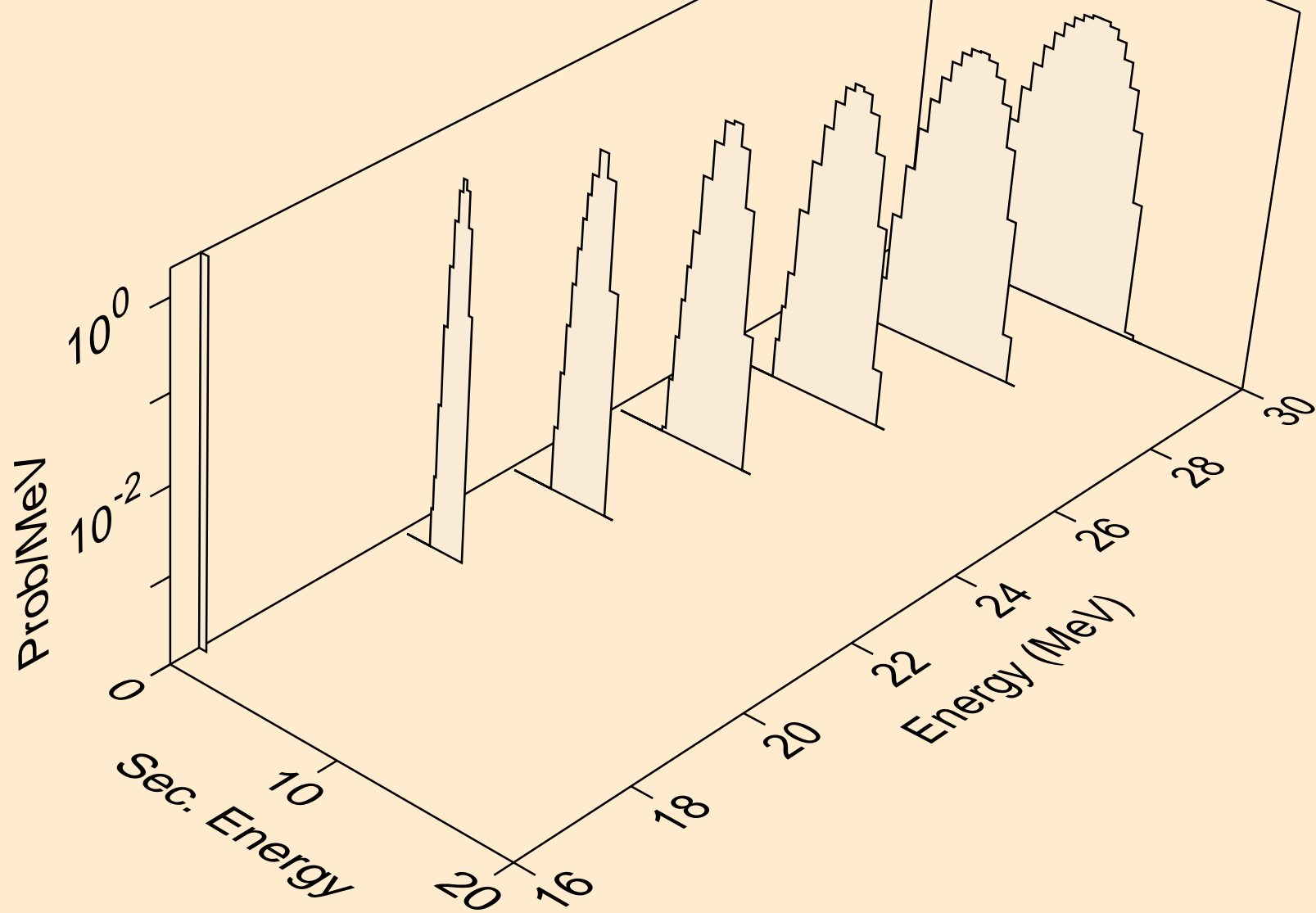
AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



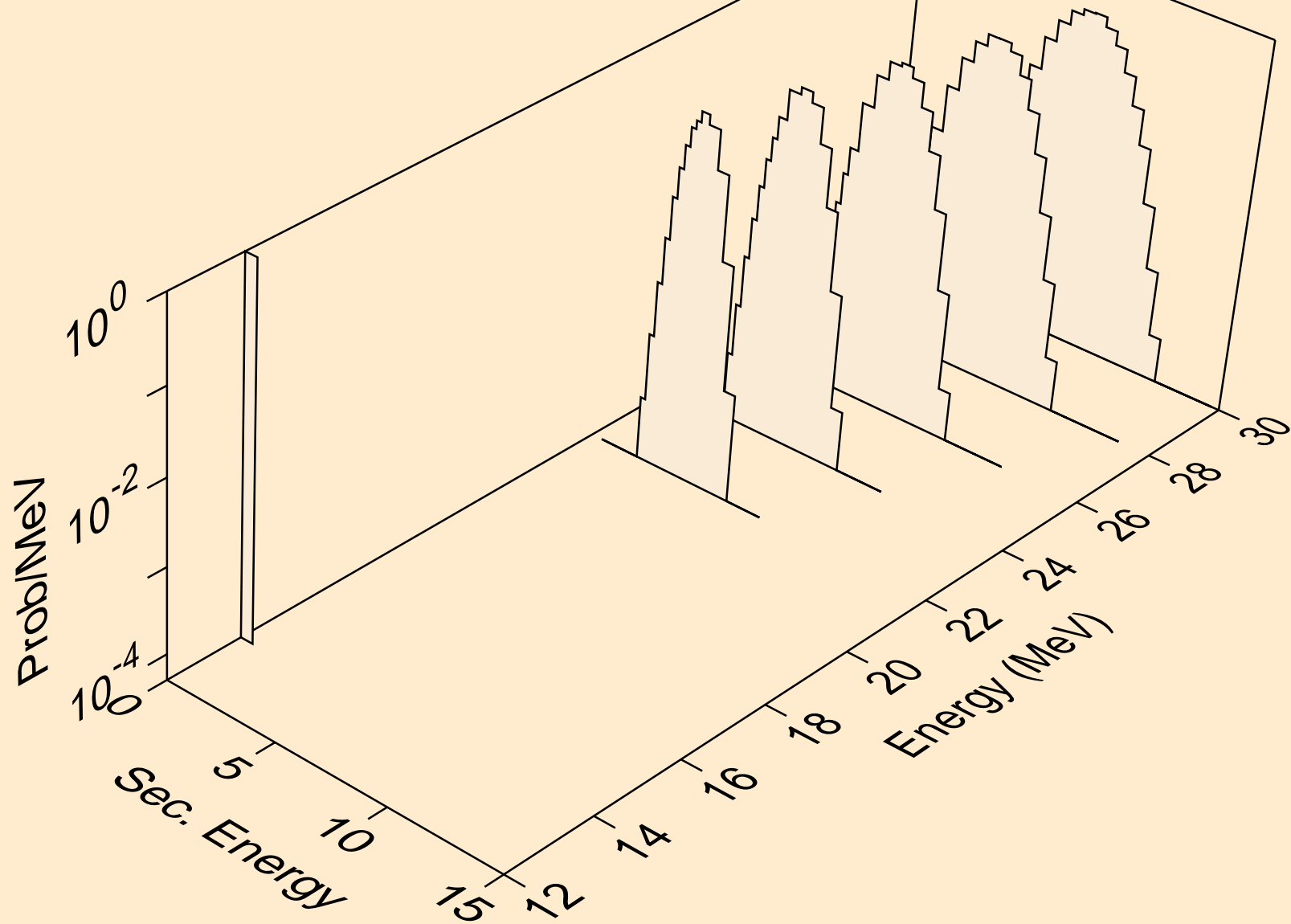
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protons from (n,2np)



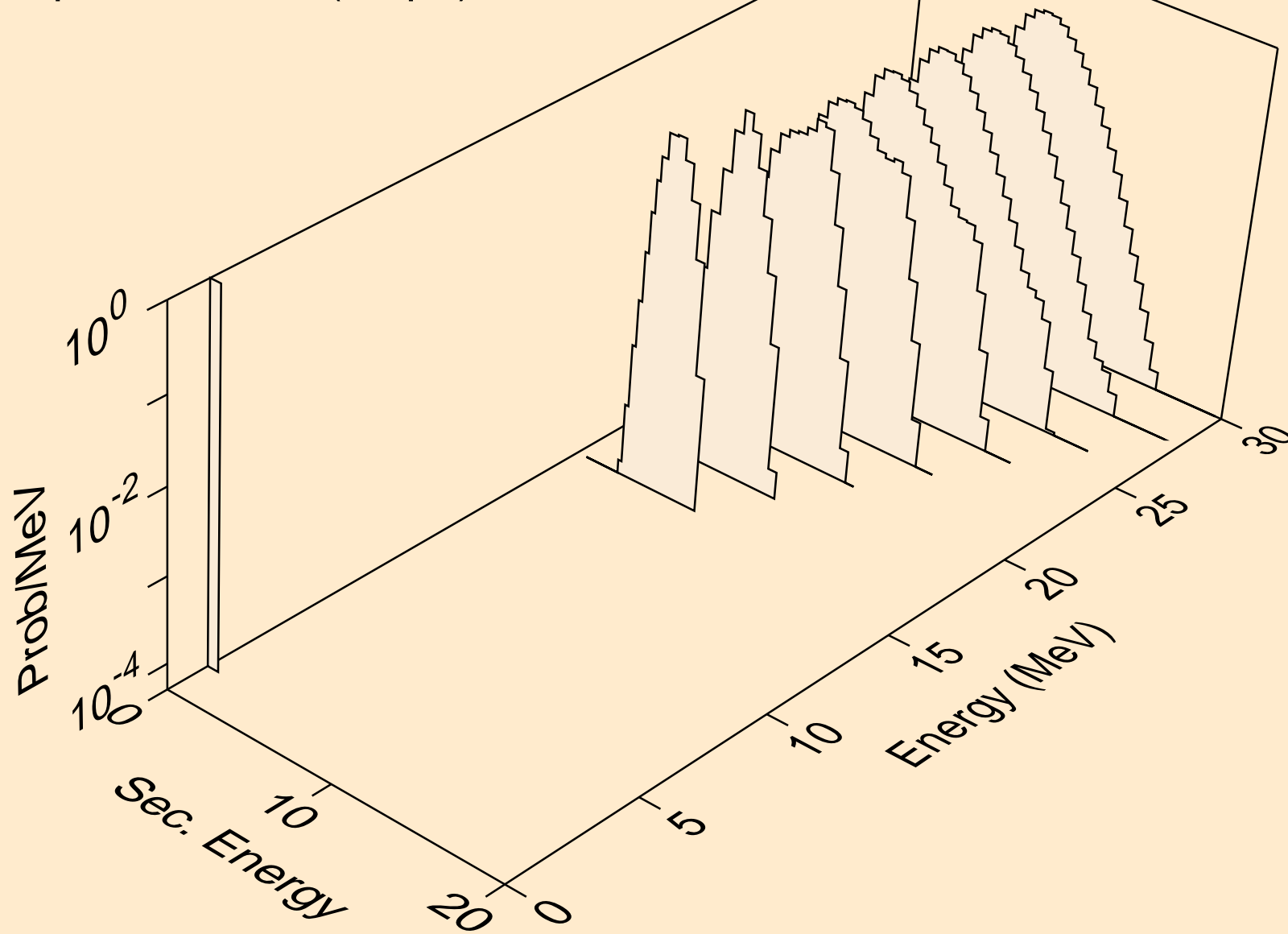
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protons from (n,3np)



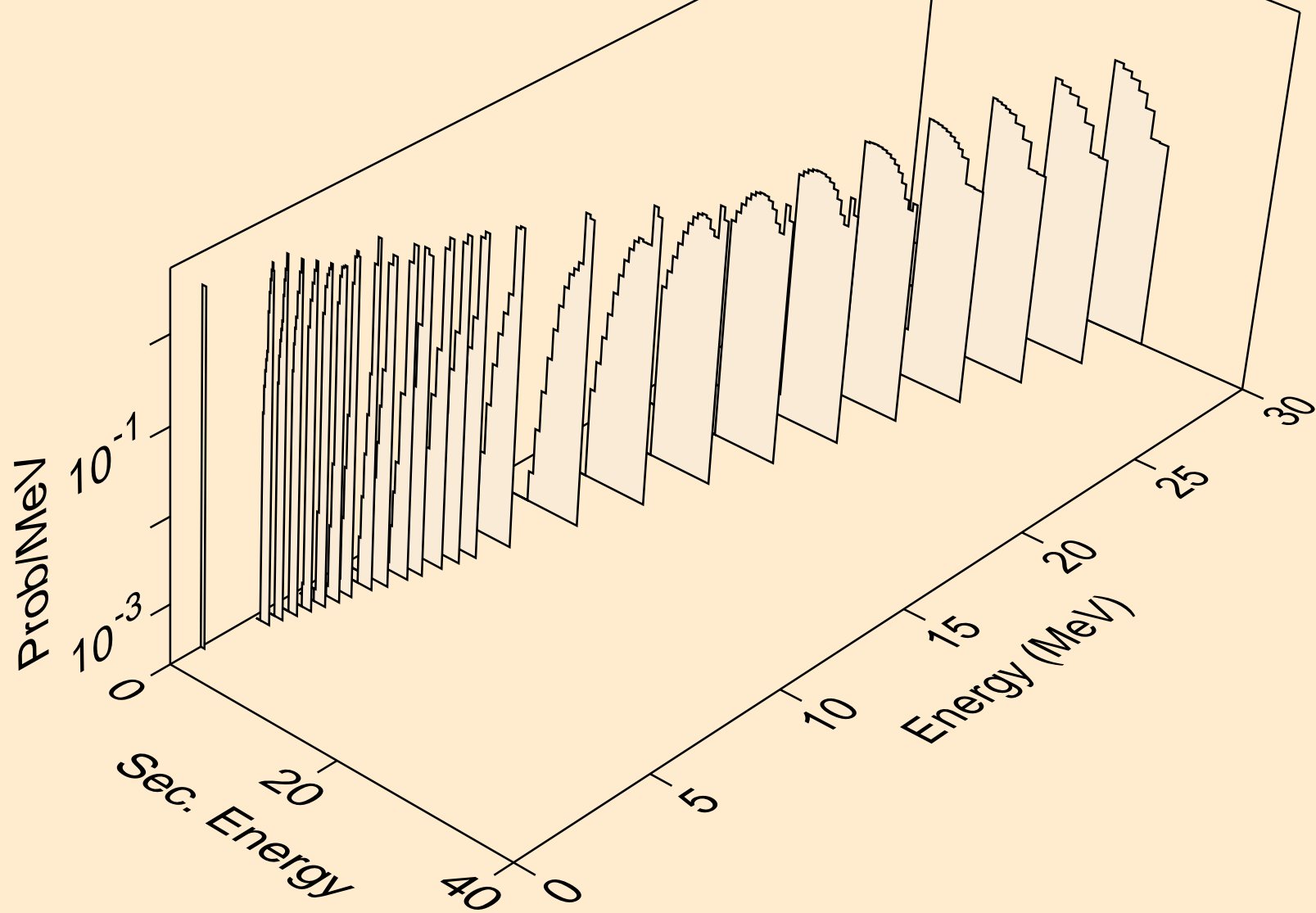
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protons from (n,n2p)



AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,npa)

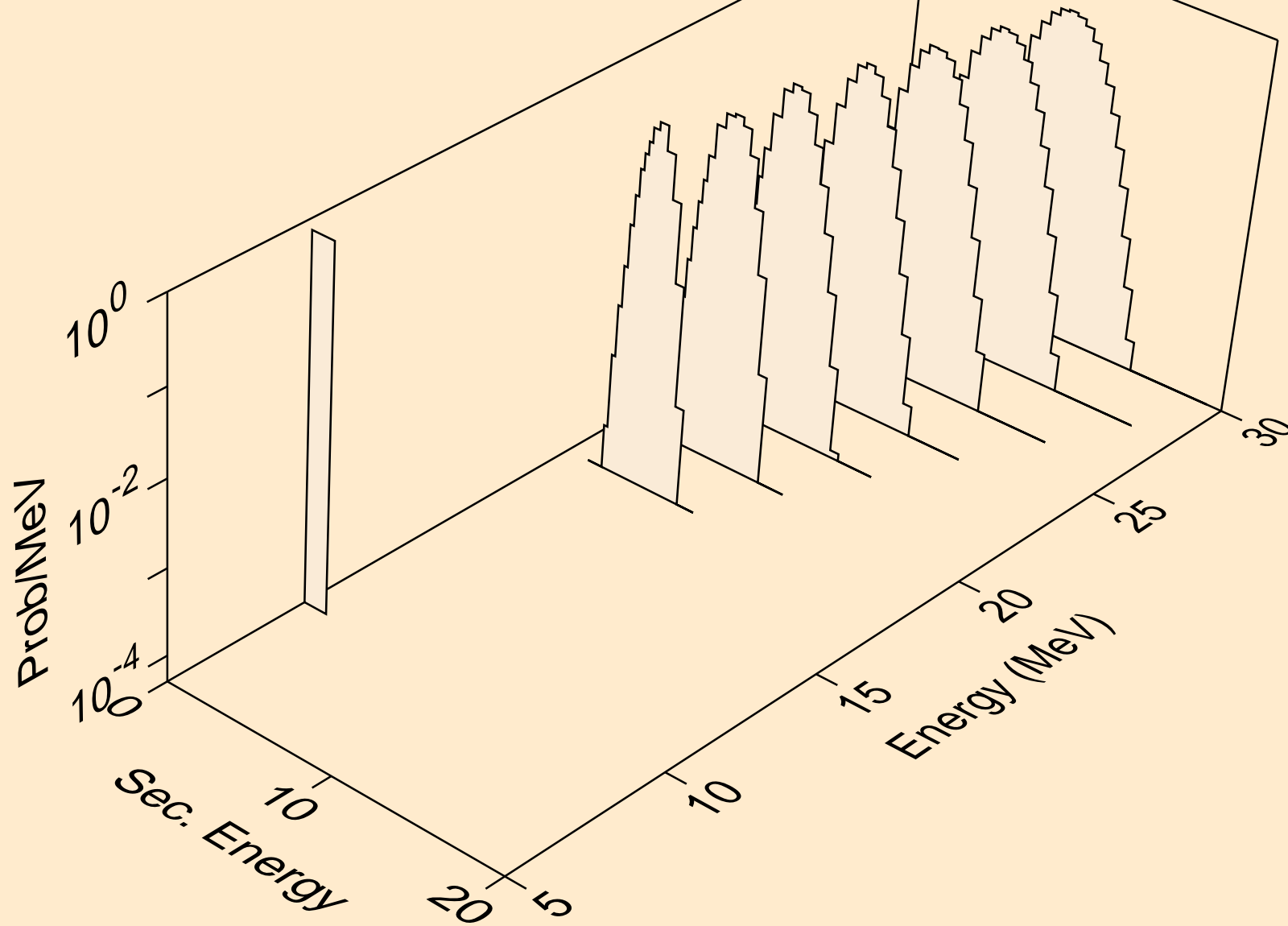


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protons from (n,p)

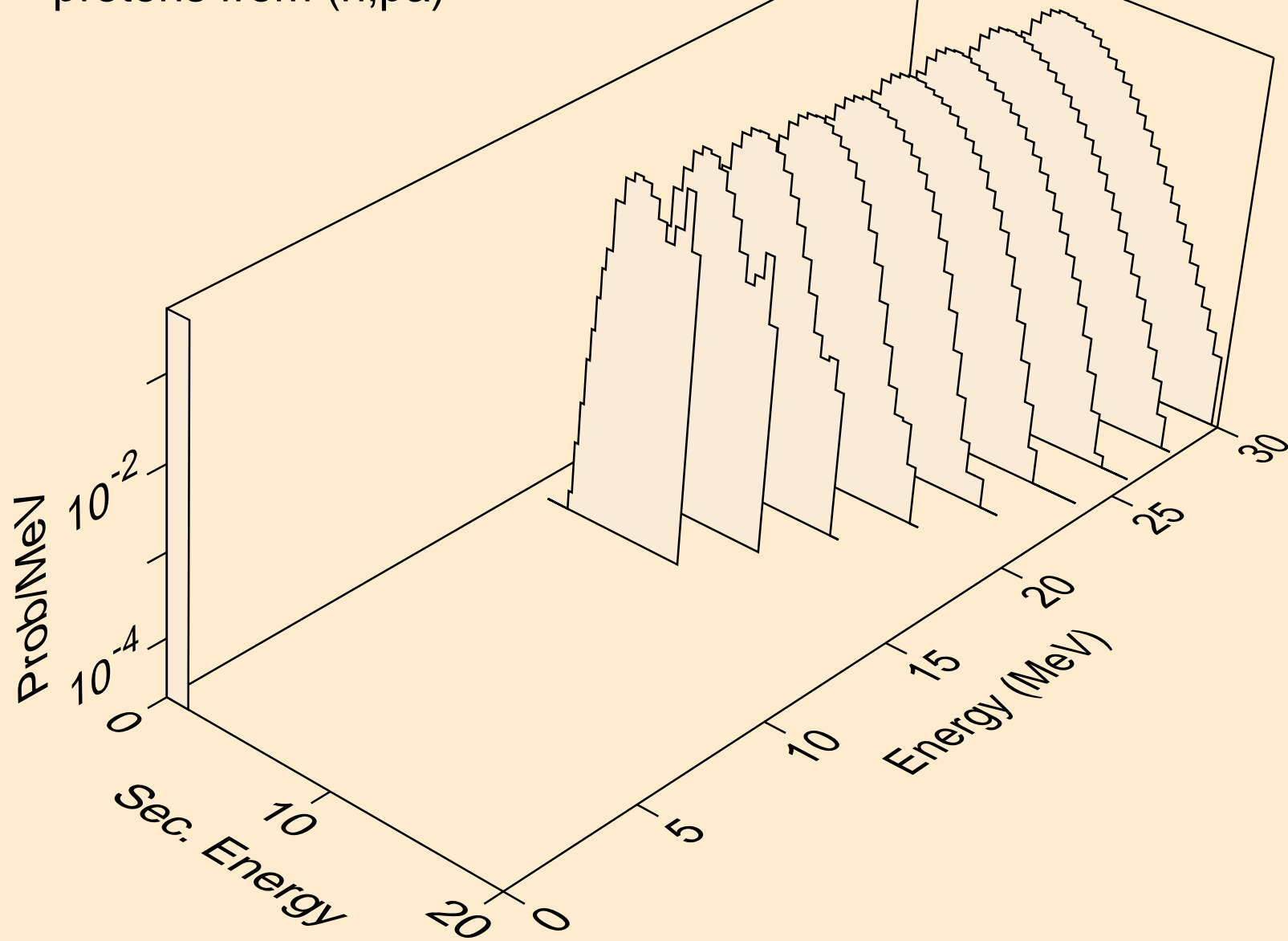




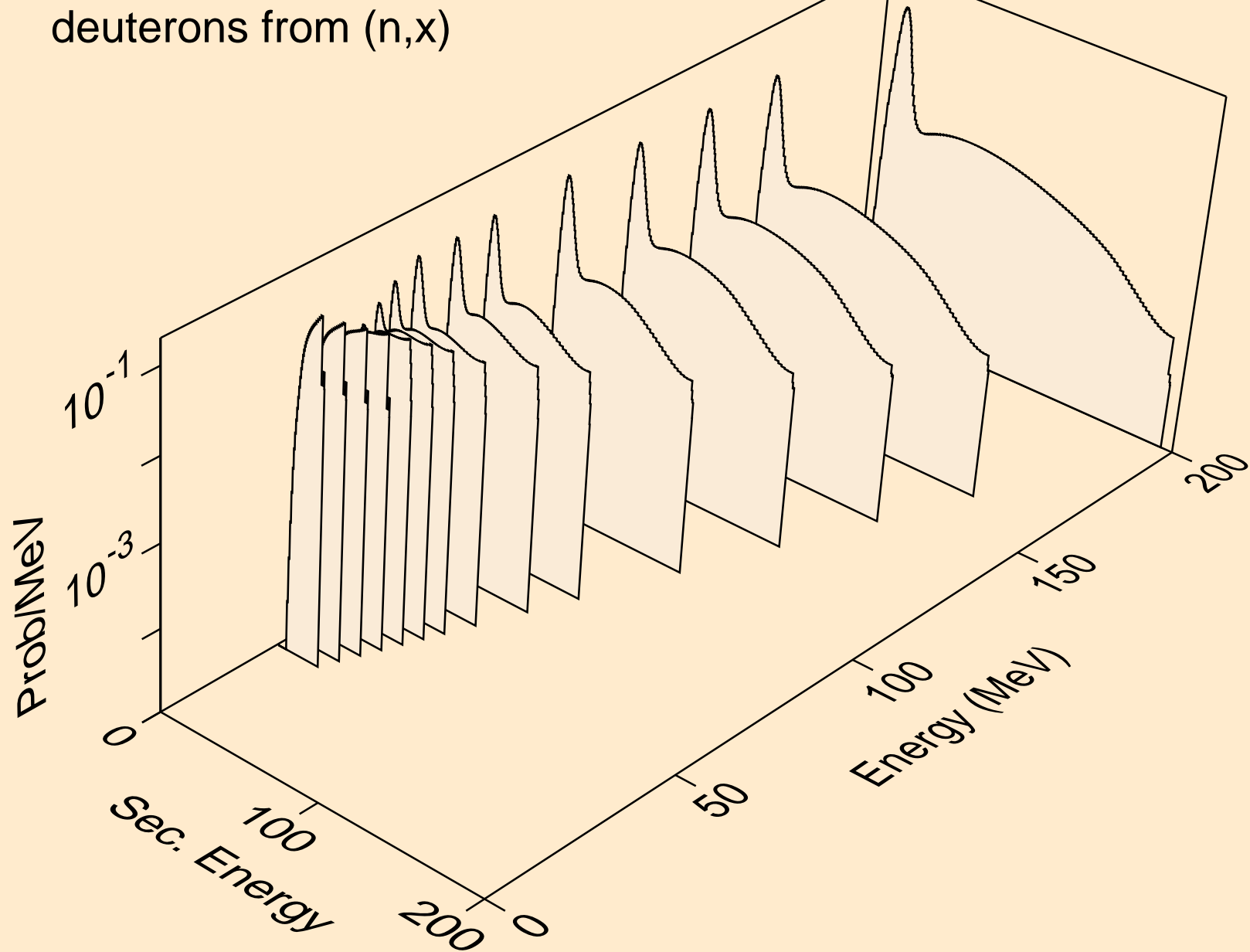
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protons from (n,2p)



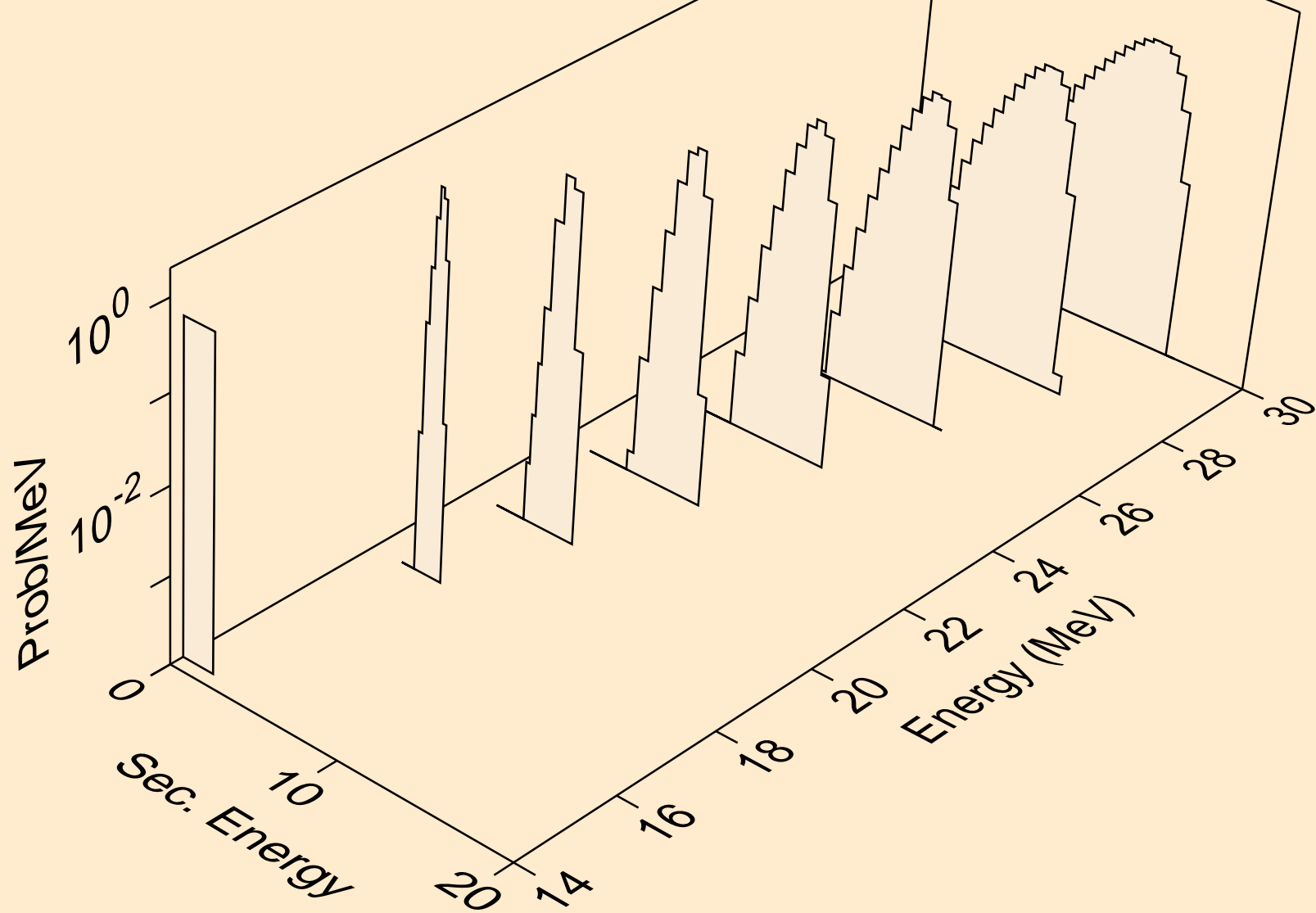
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protons from (n,p)



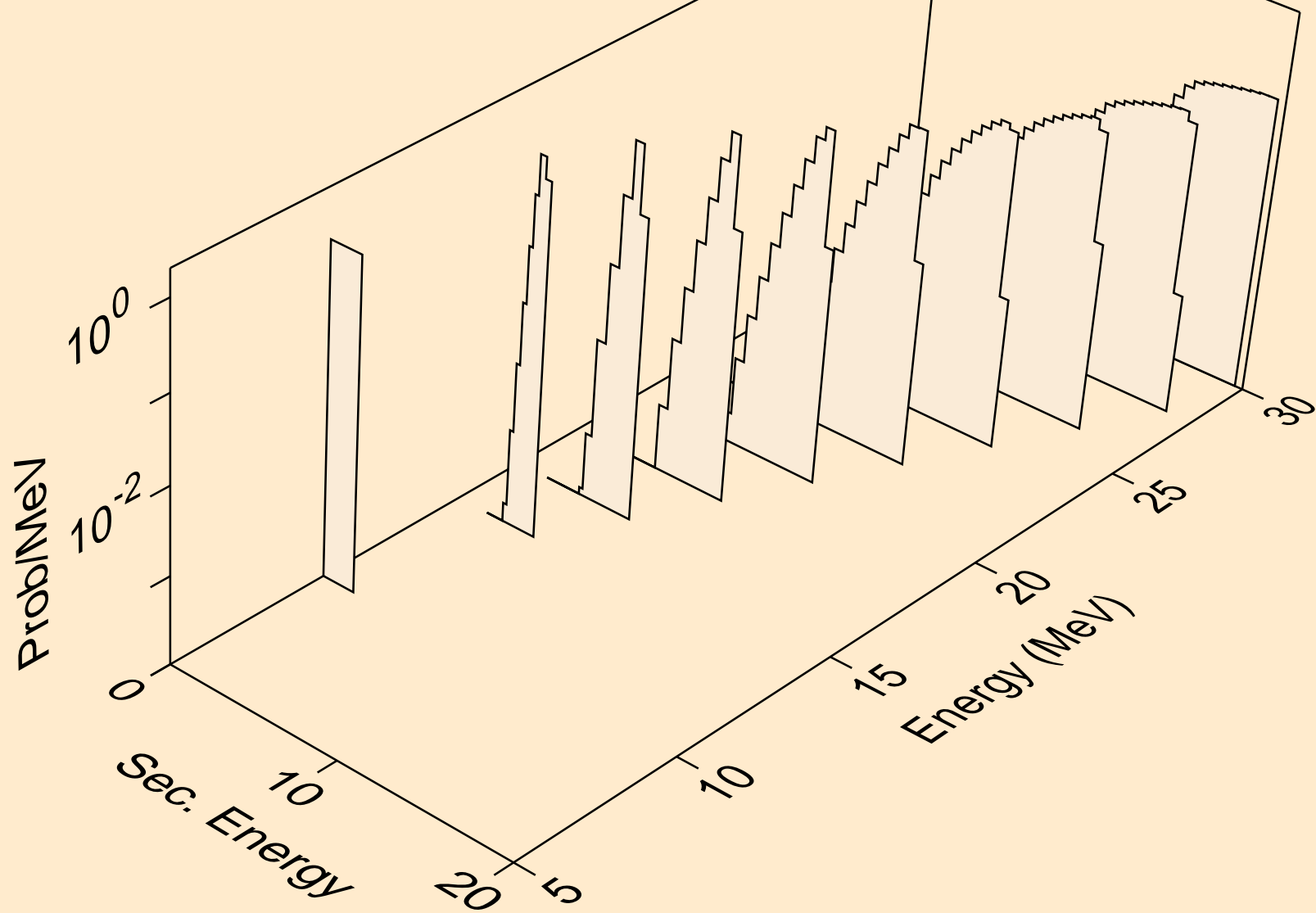
AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)



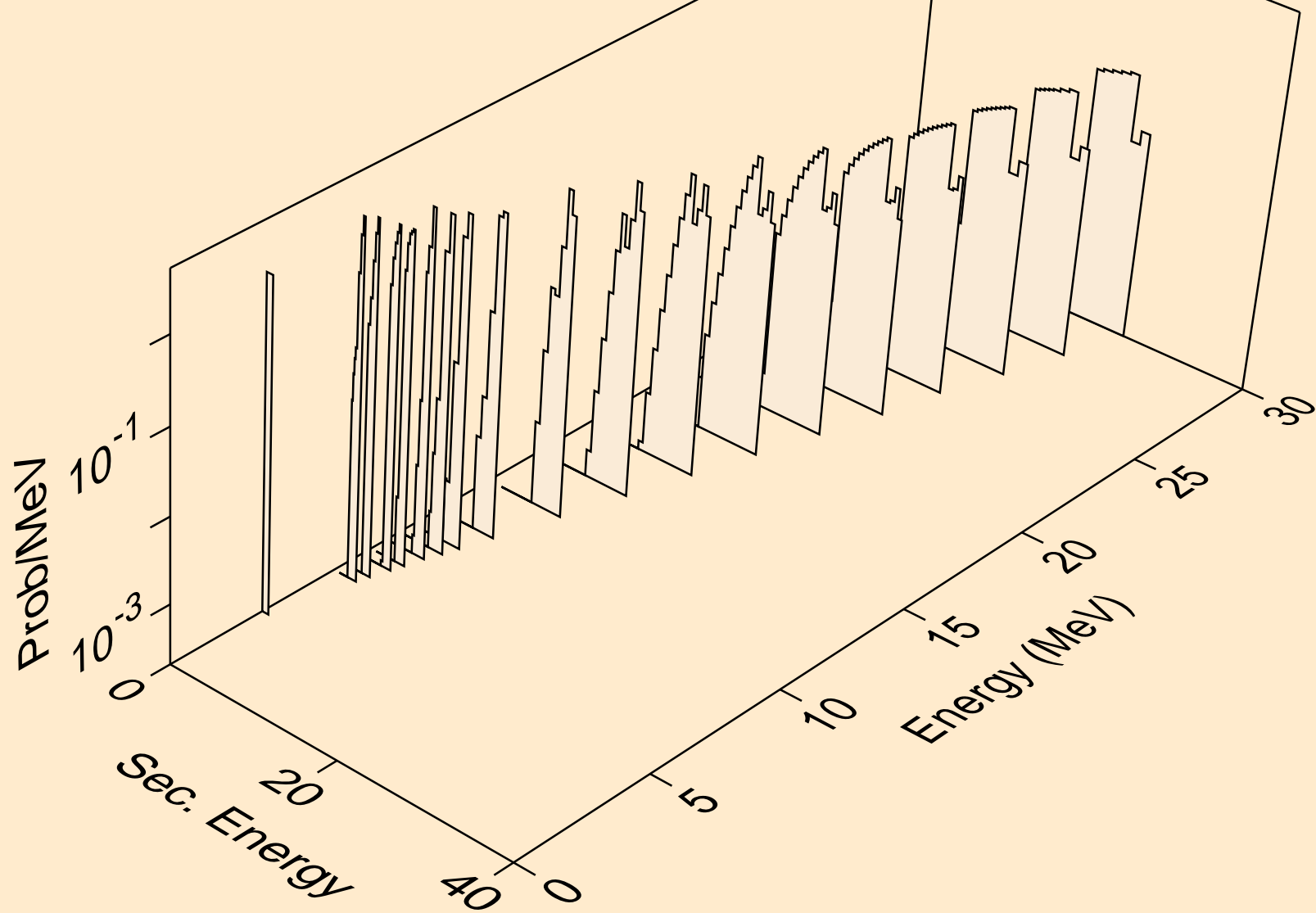
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deuterons from (n,2nd)



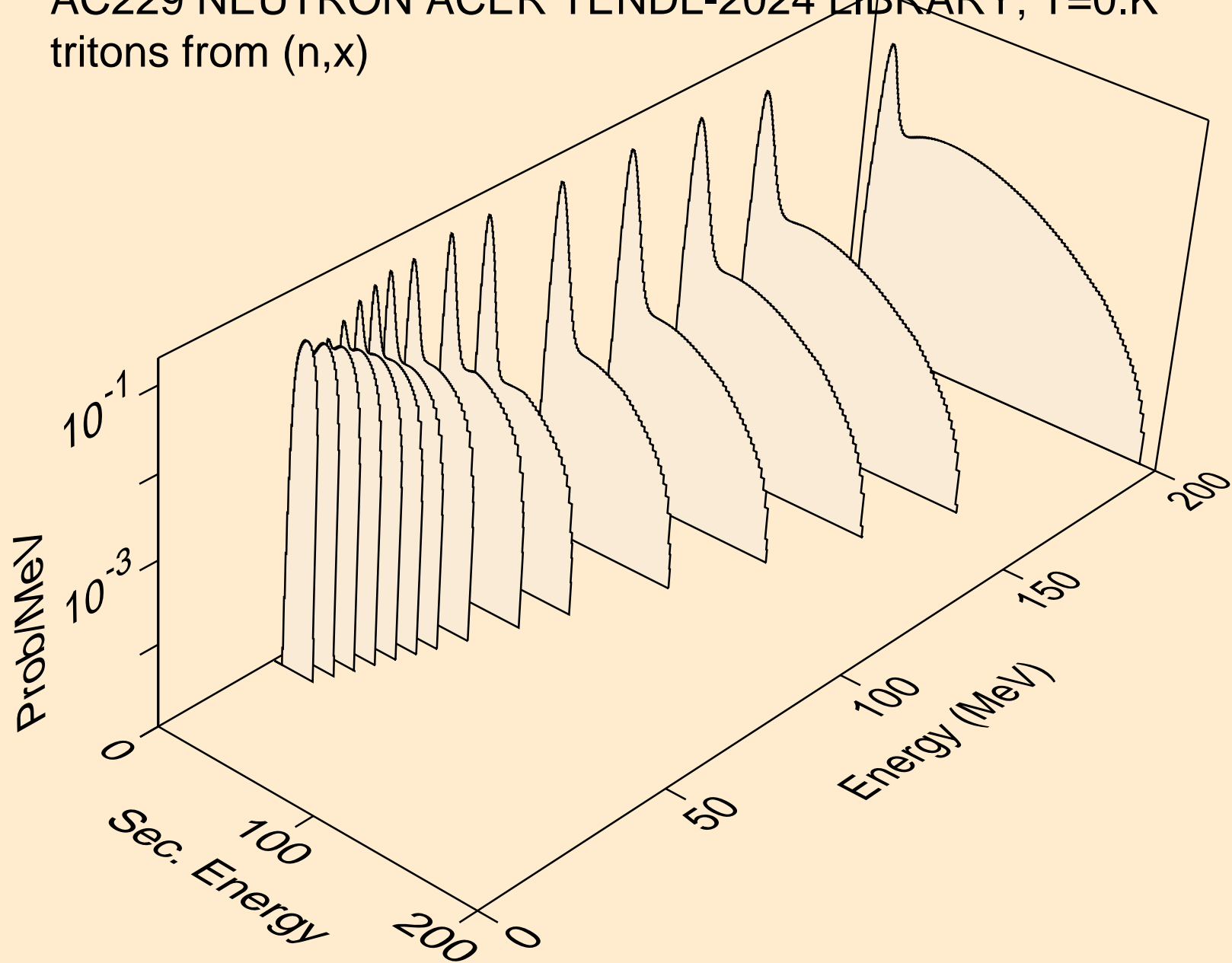
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deuterons from (n,n\*)d



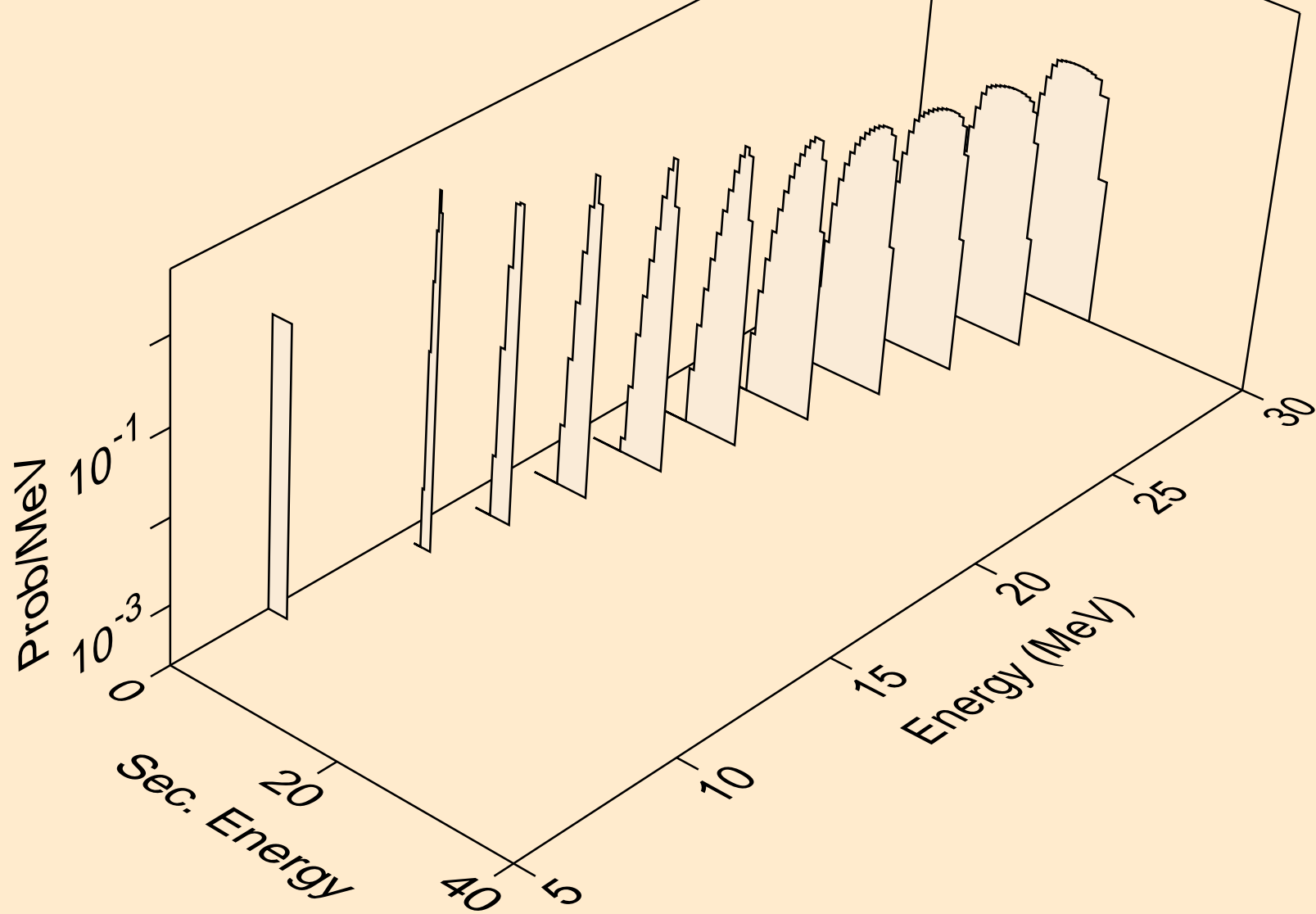
AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,d)



AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)

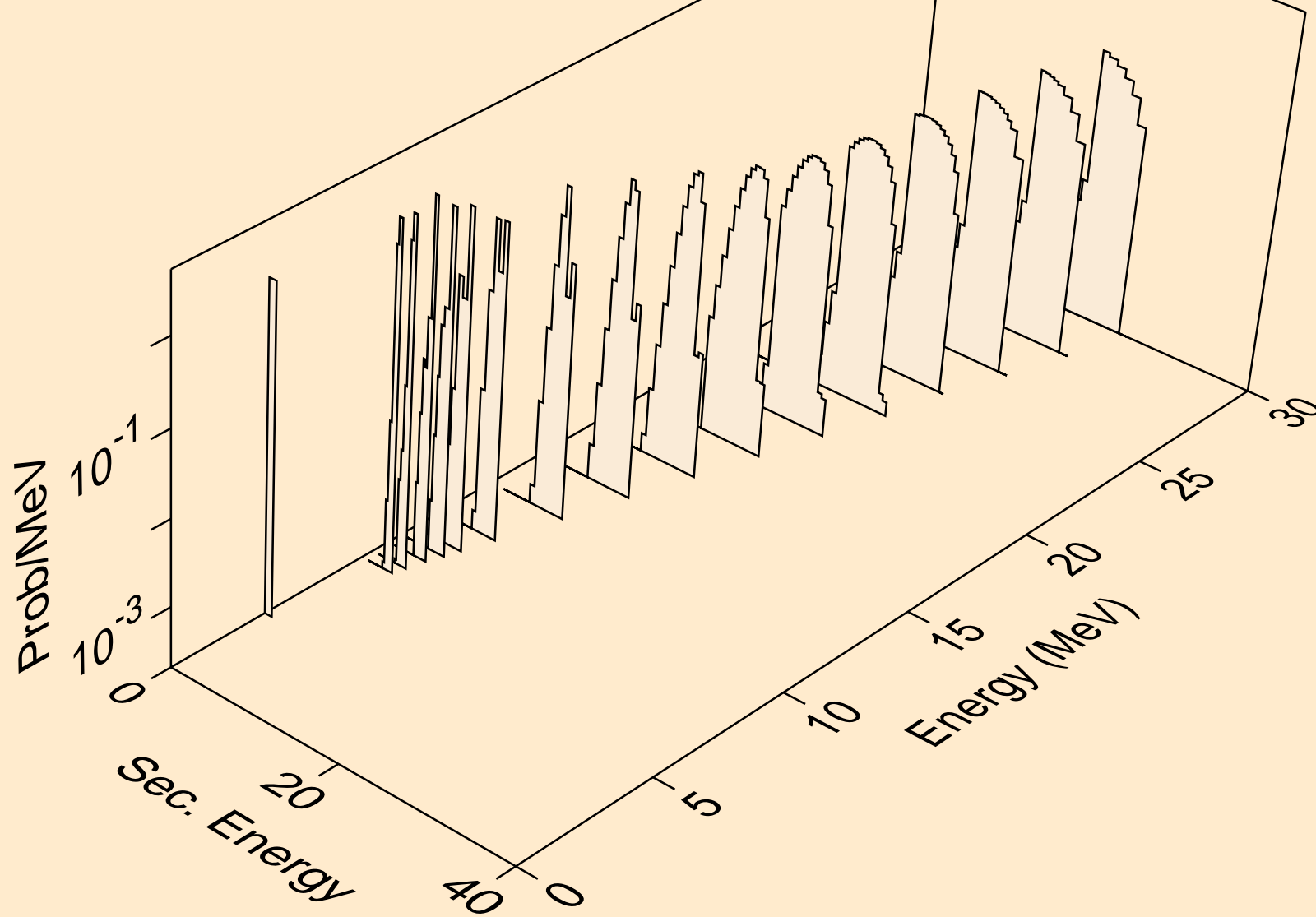


AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t

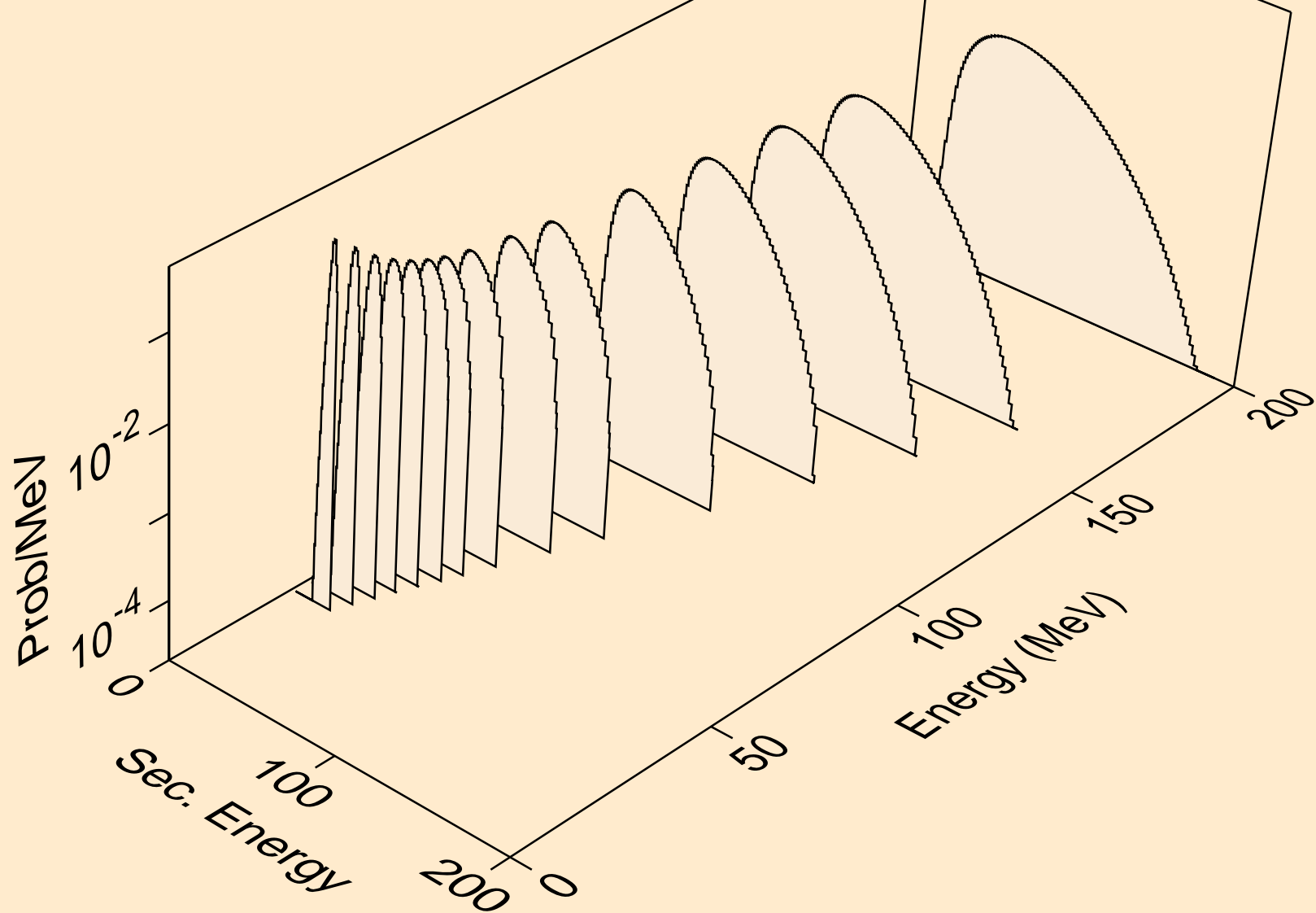




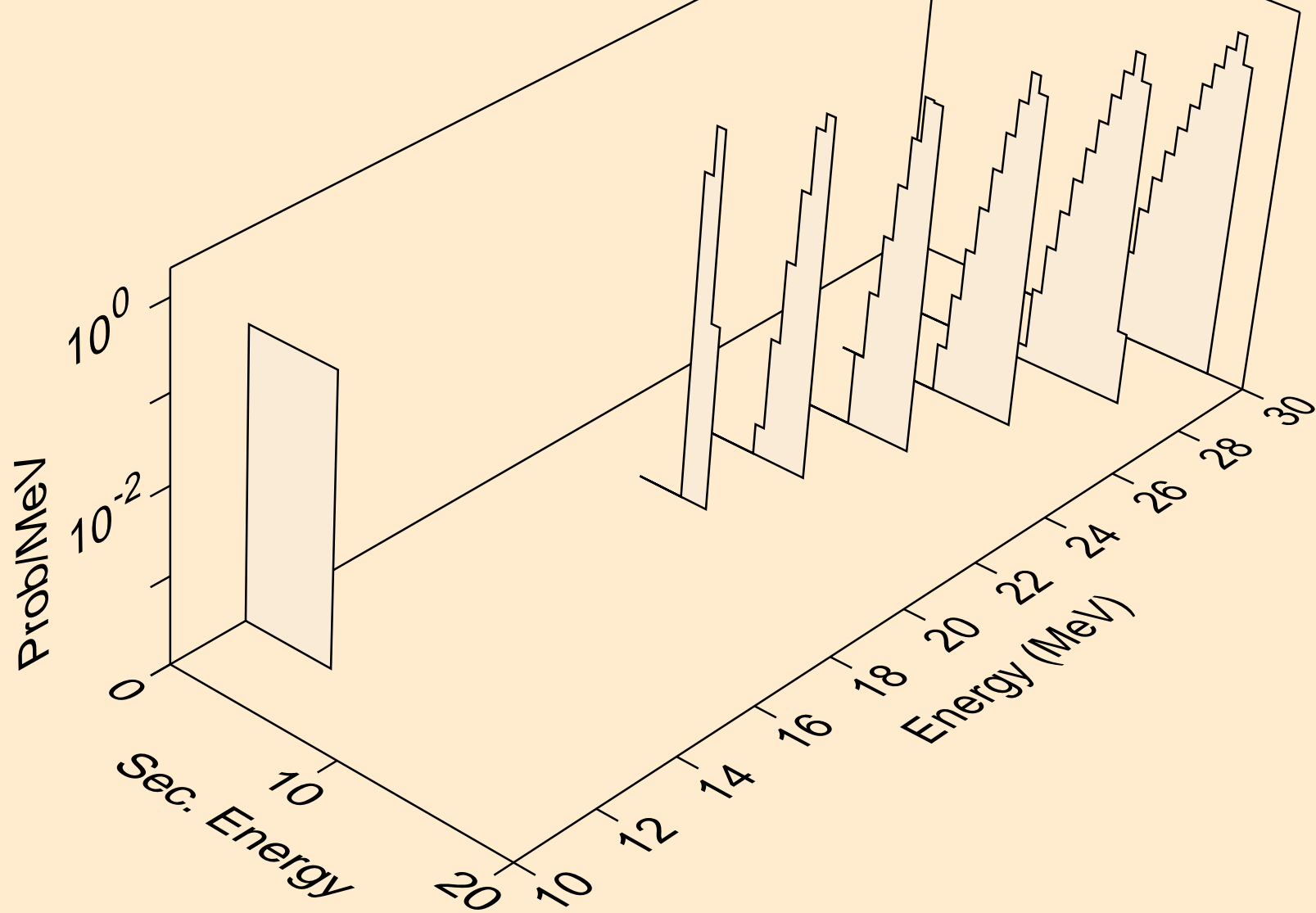
AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)



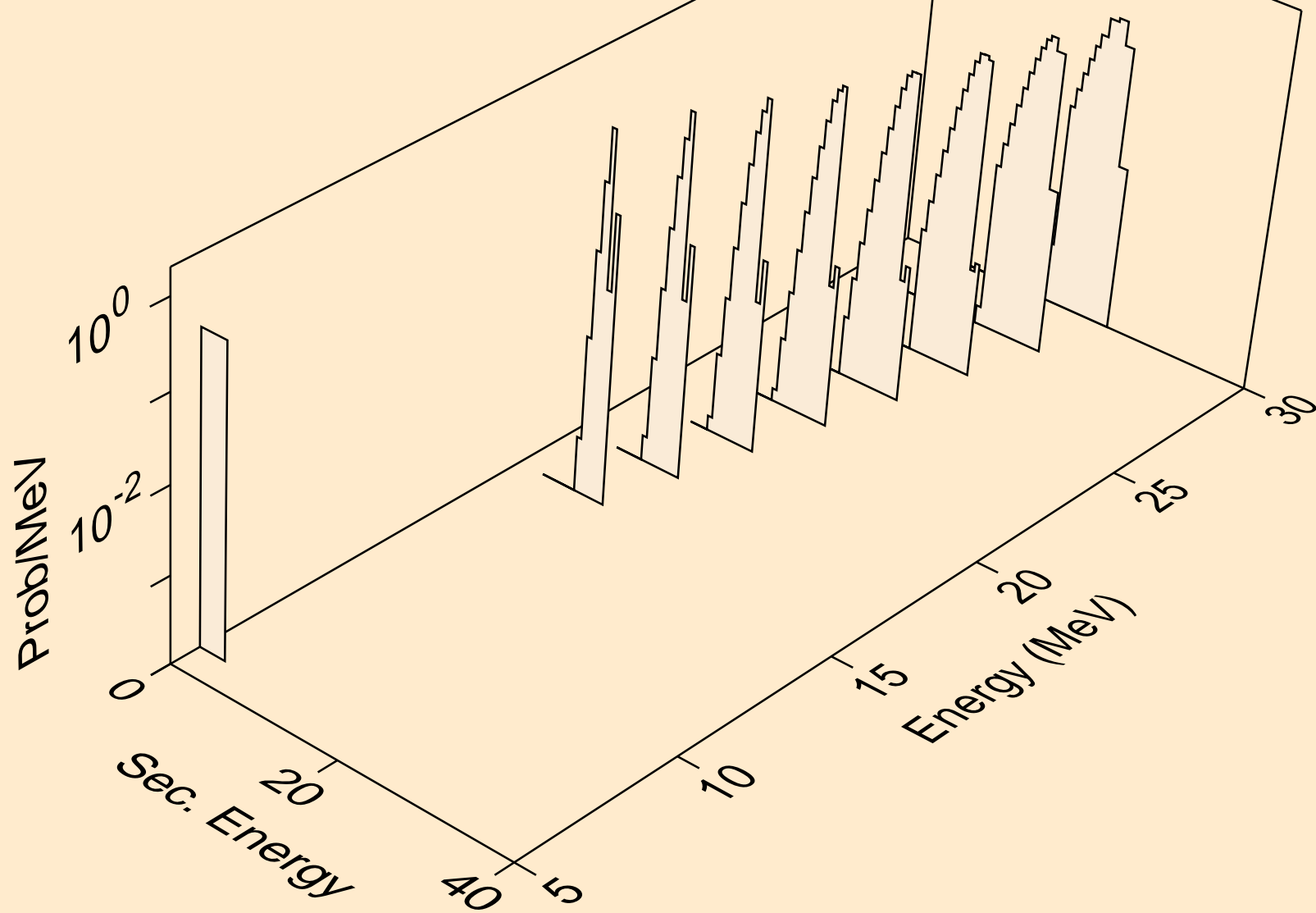
AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



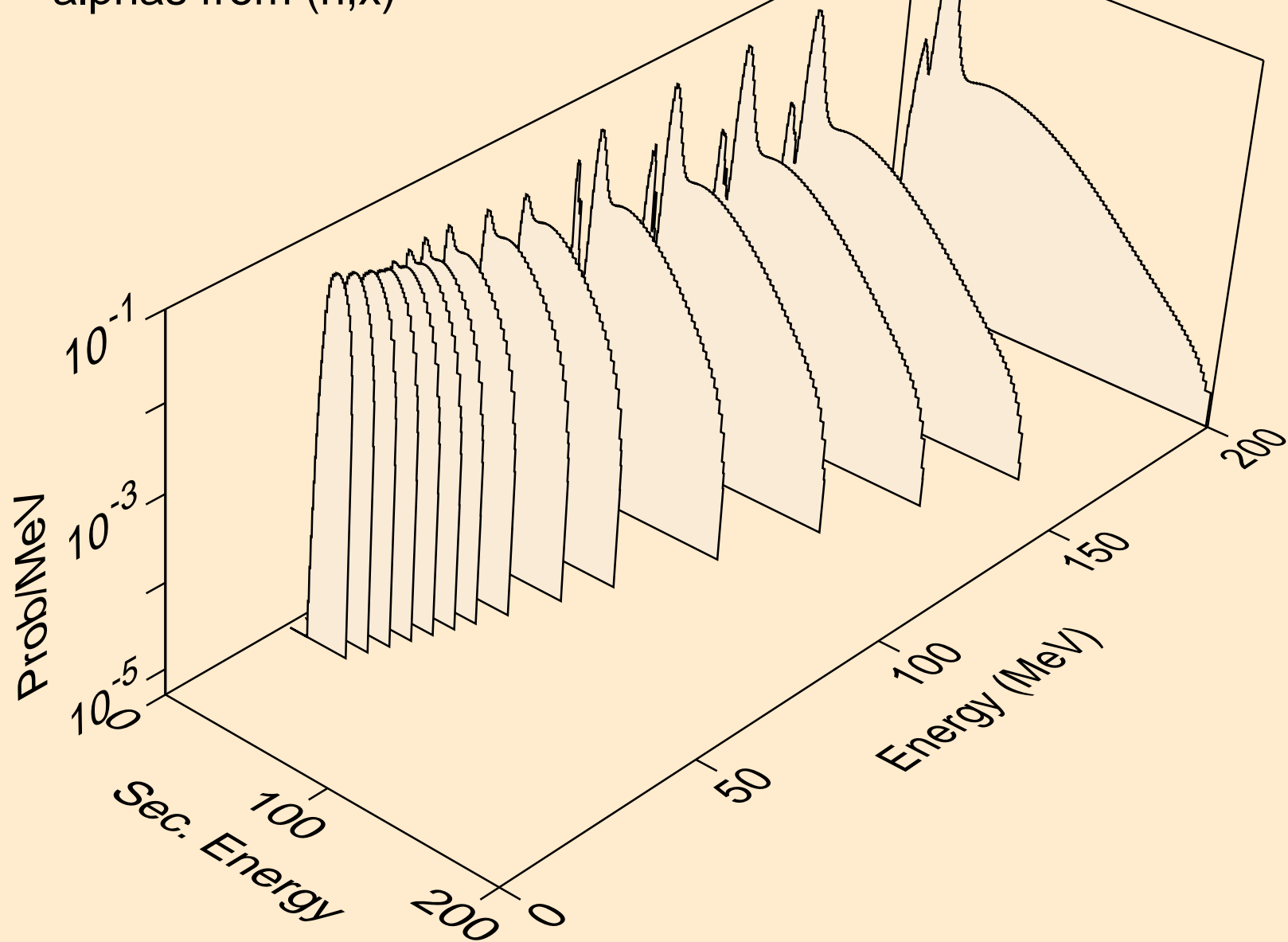
AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



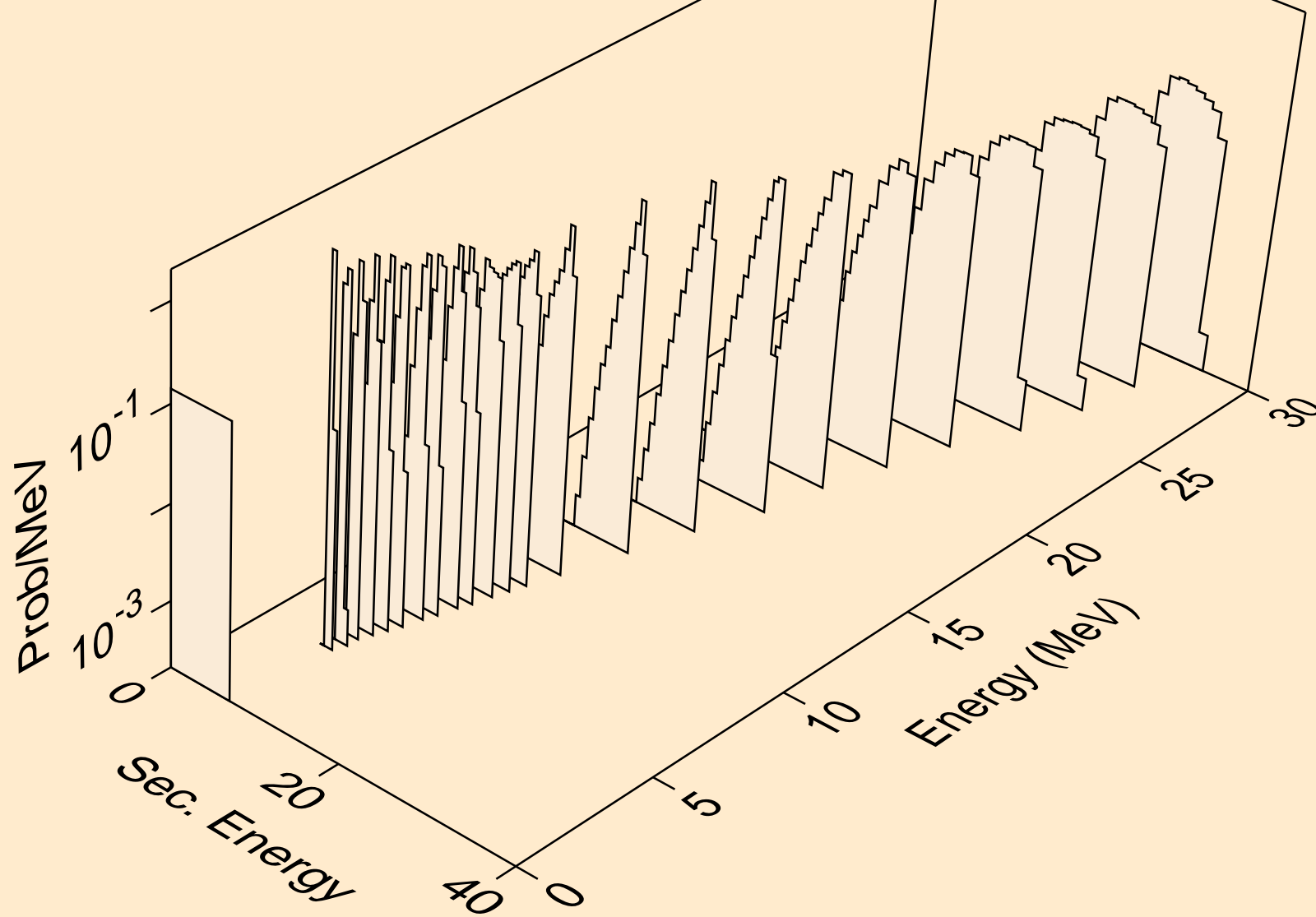
AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)



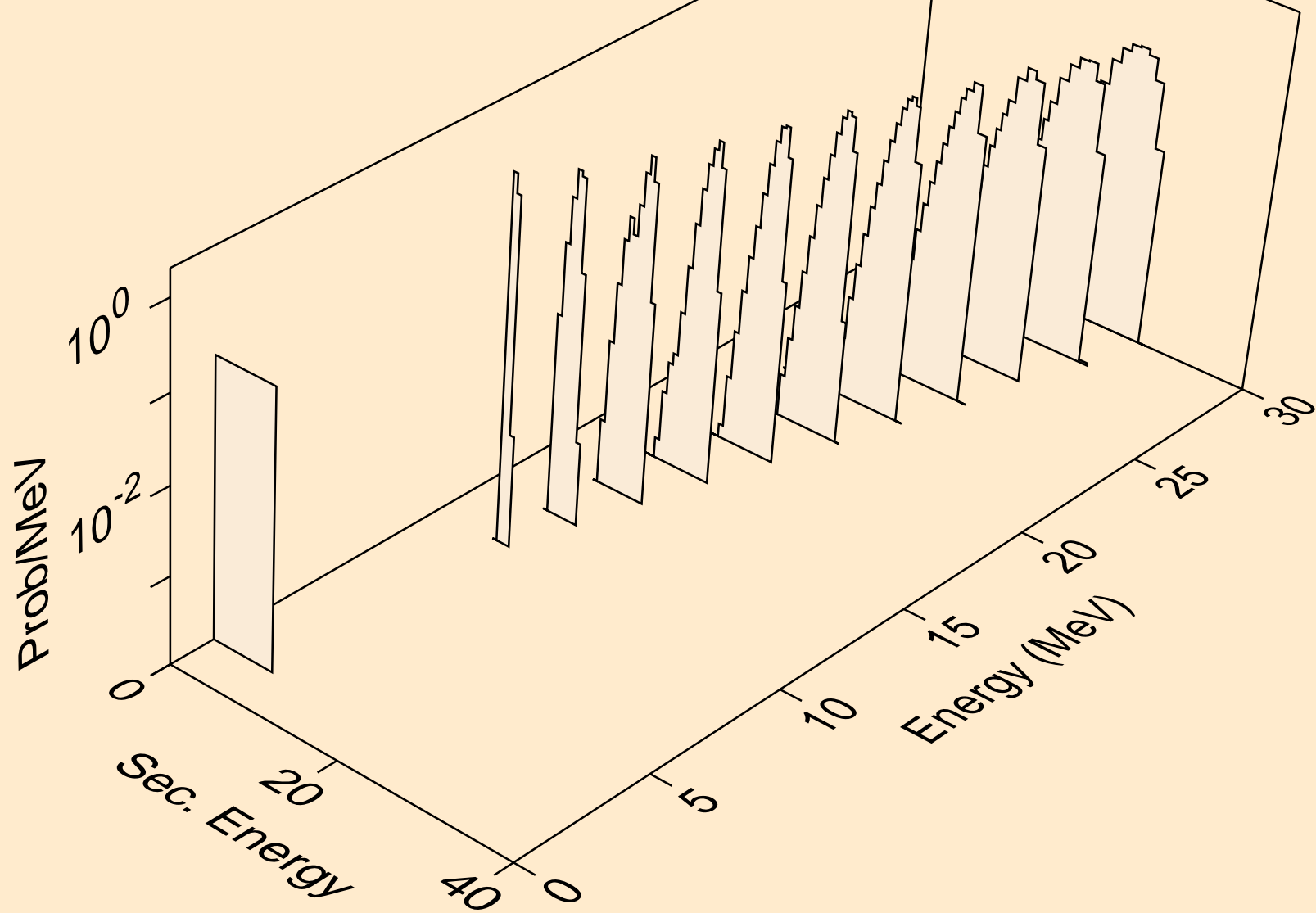
AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



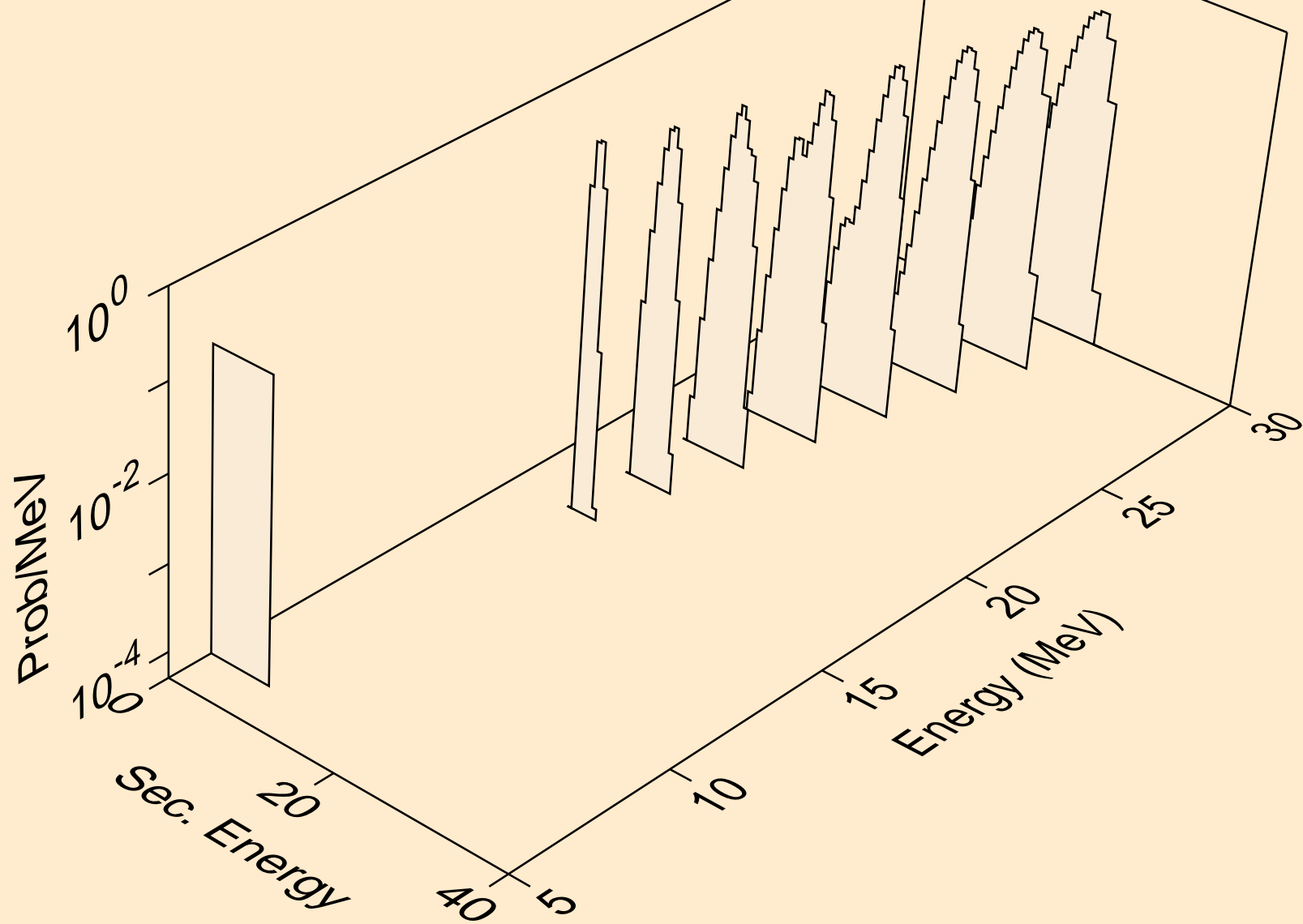
AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a

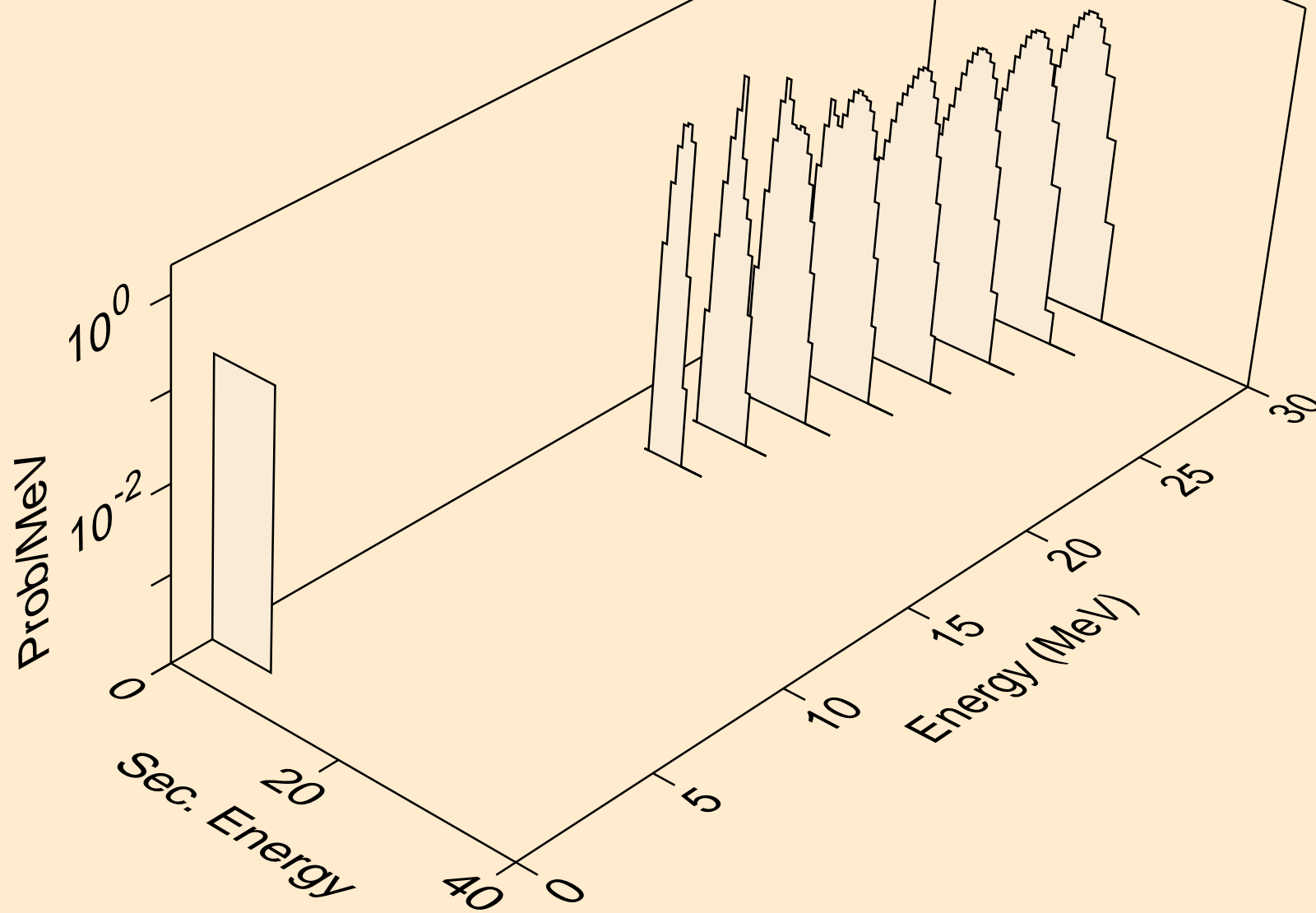


AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a

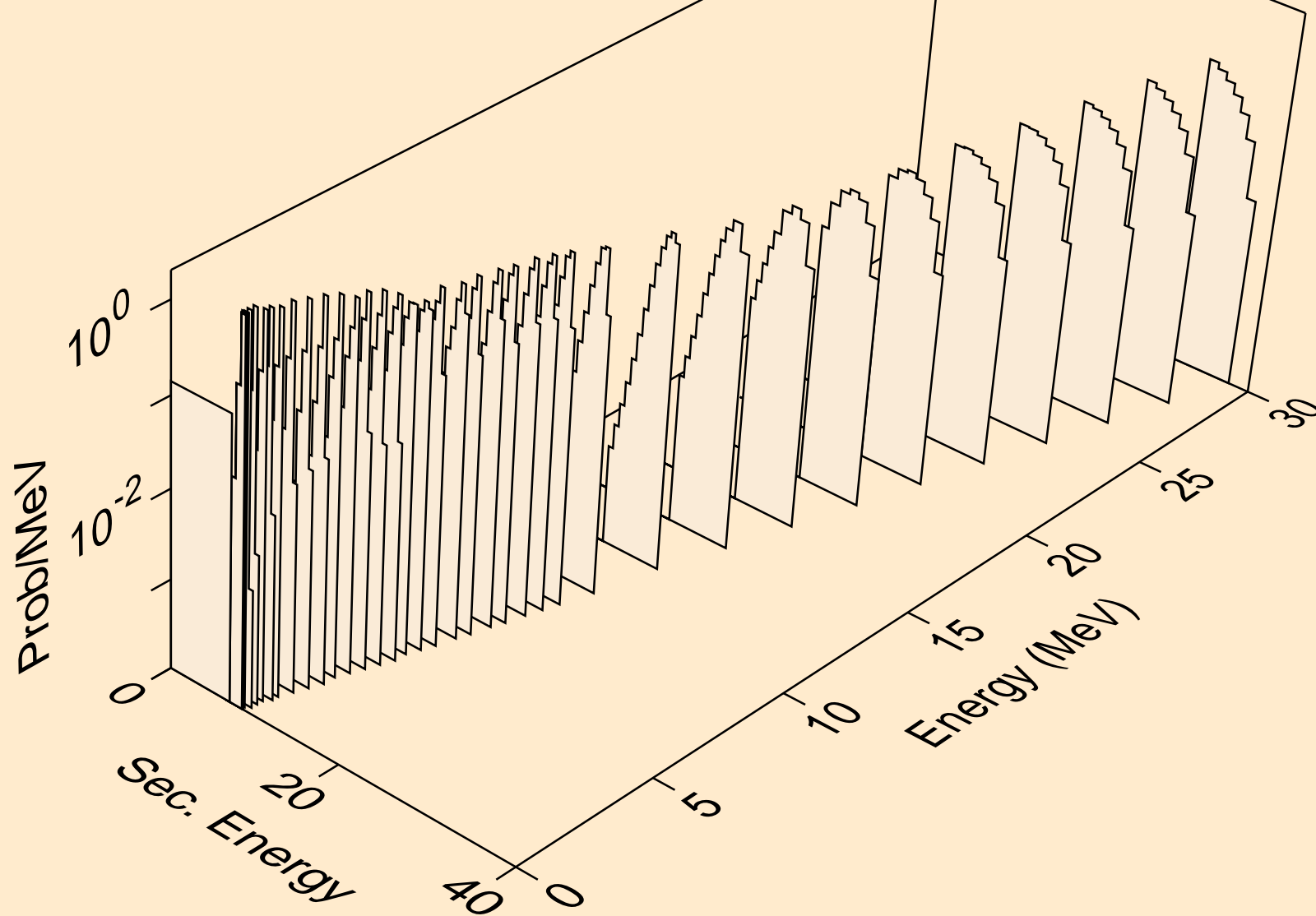




AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)



AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



AC229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)

