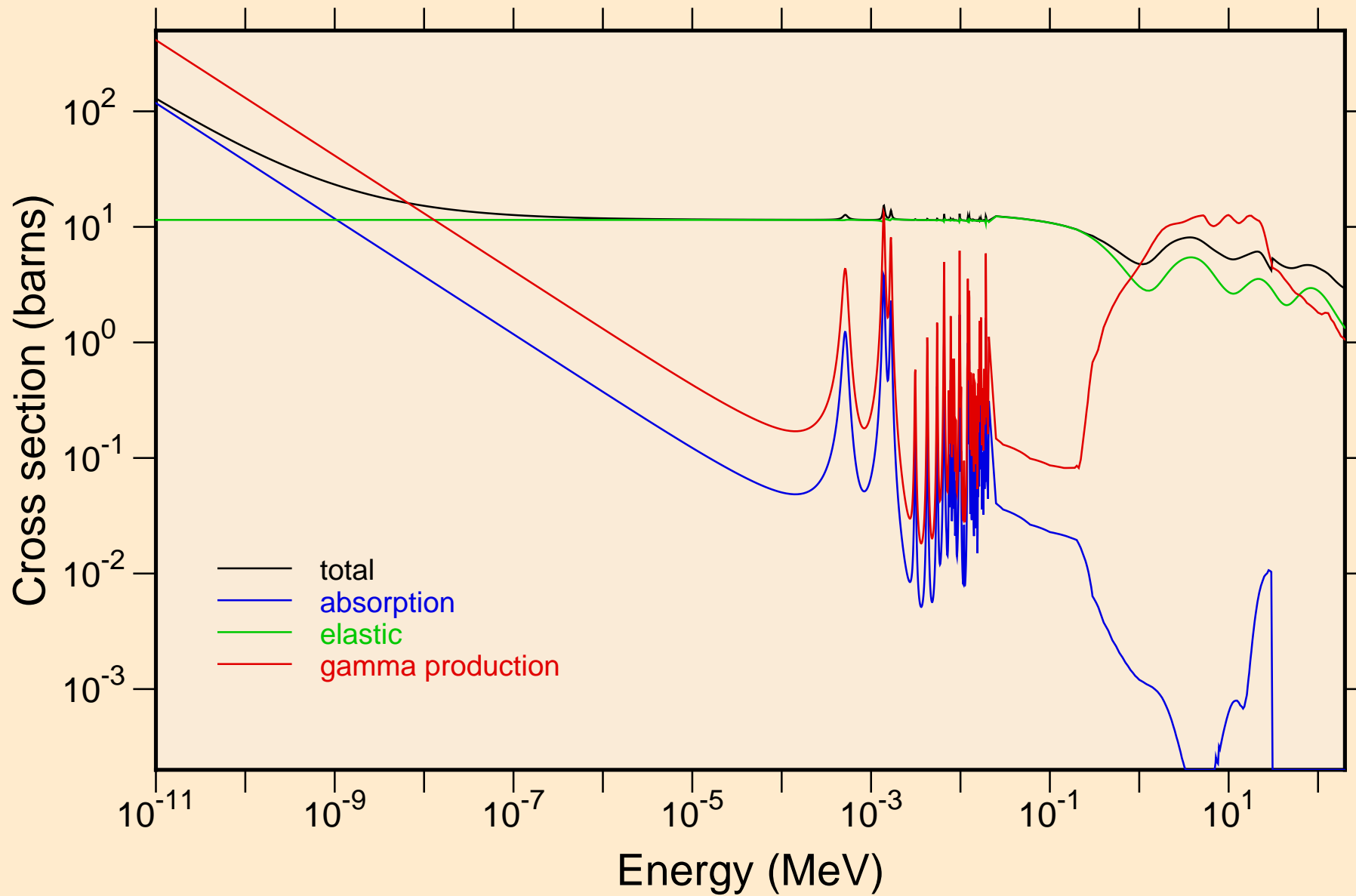
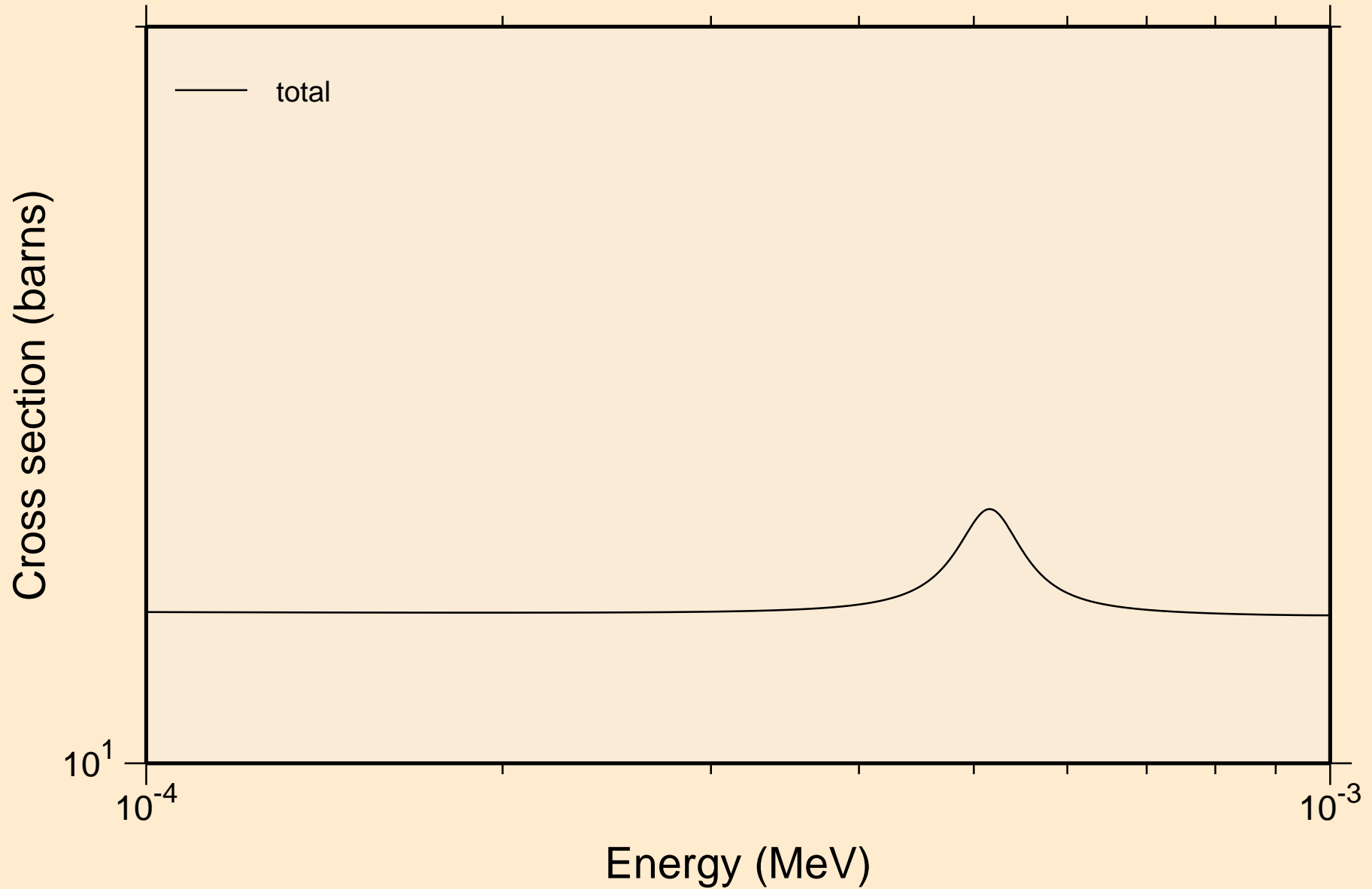


# AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

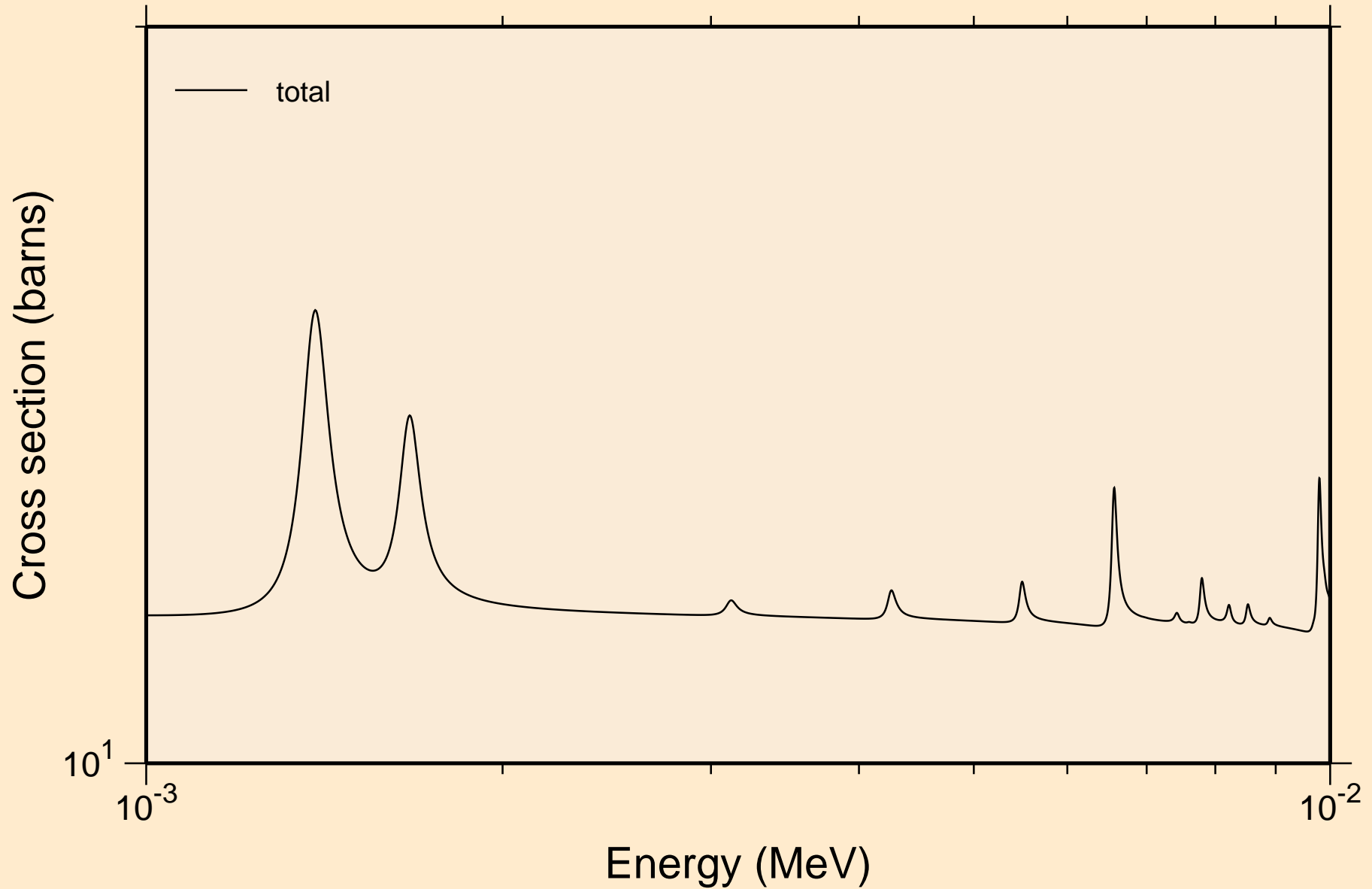
## Principal cross sections



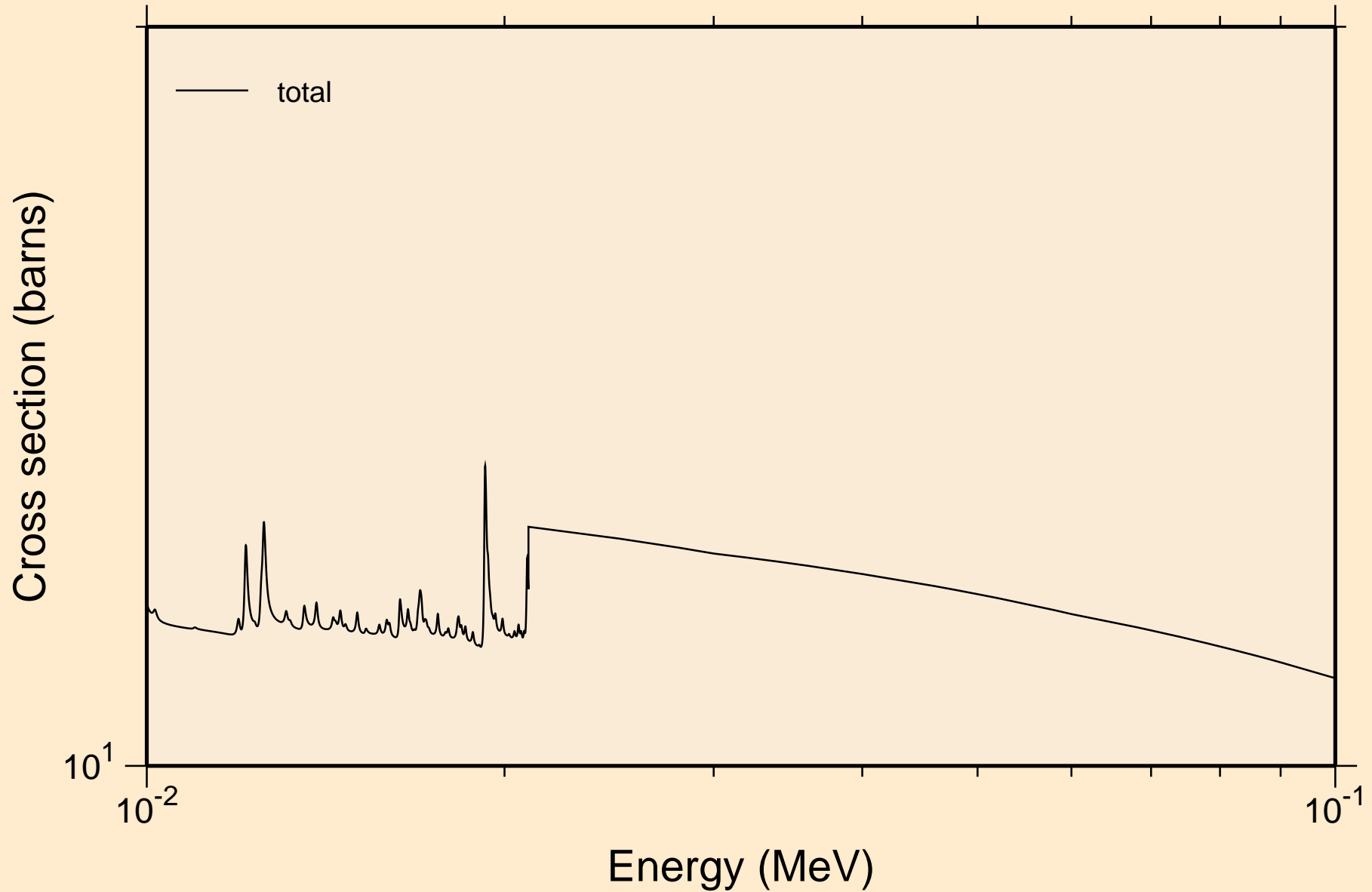
AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



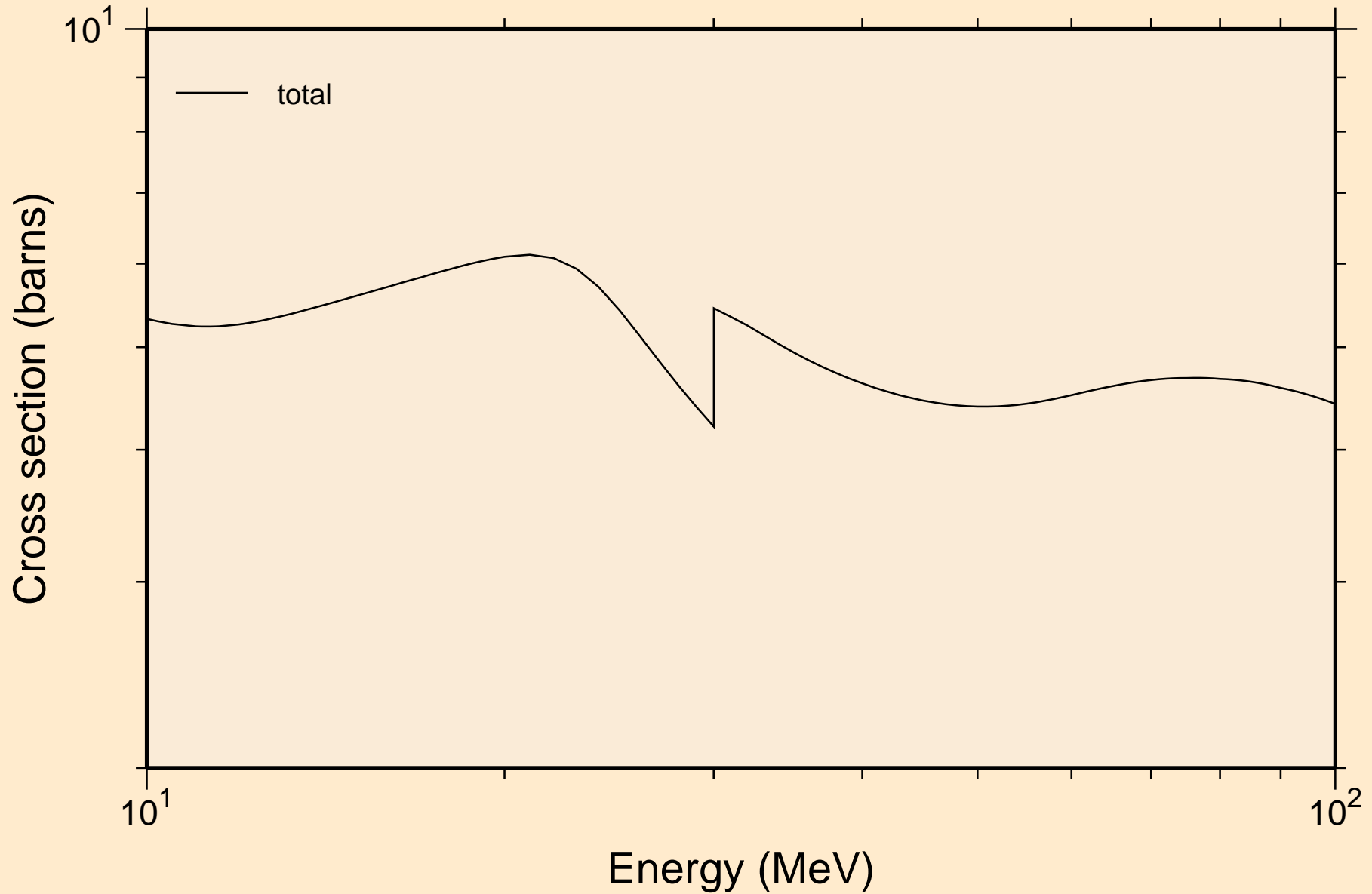
AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



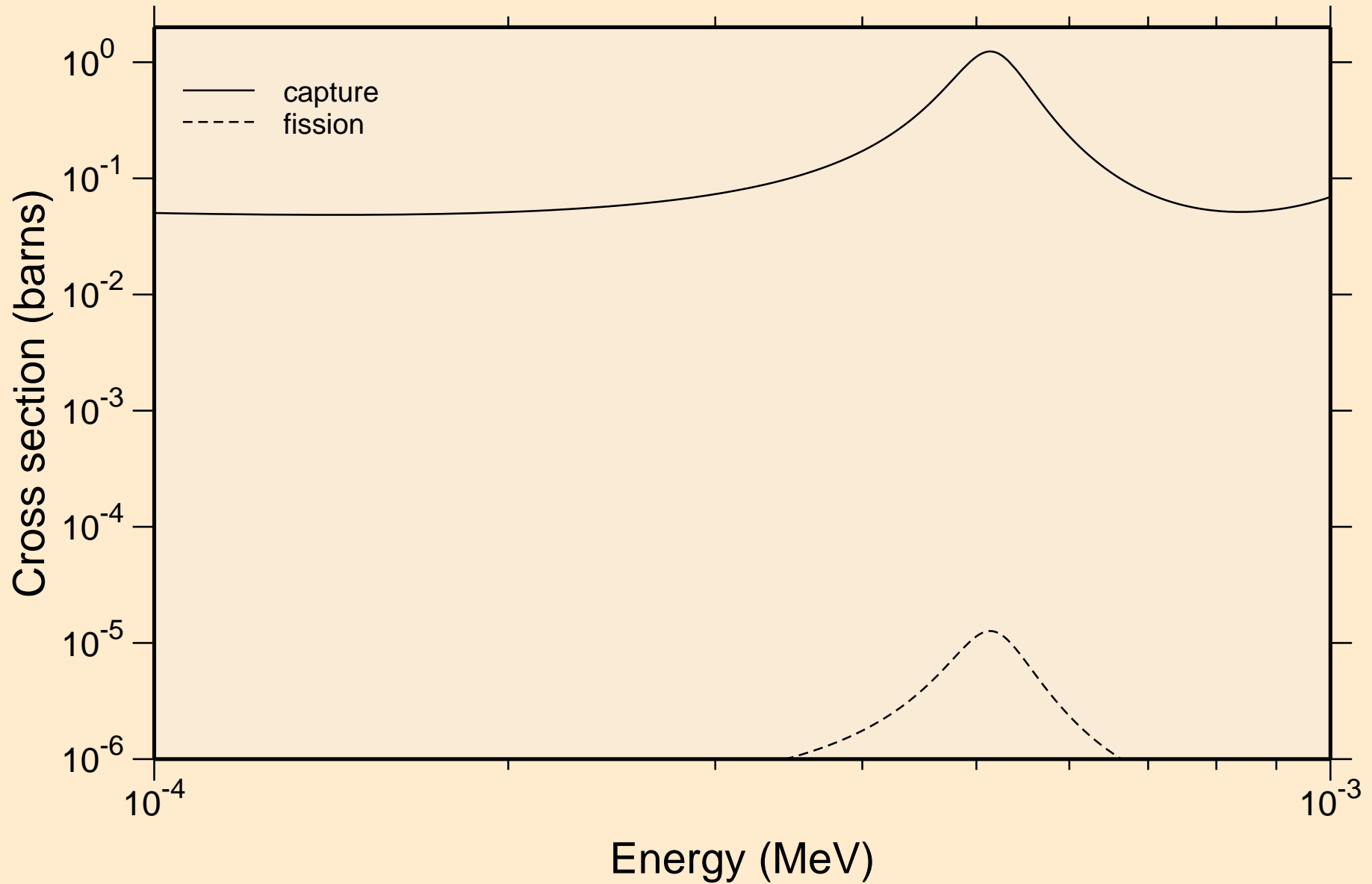
AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



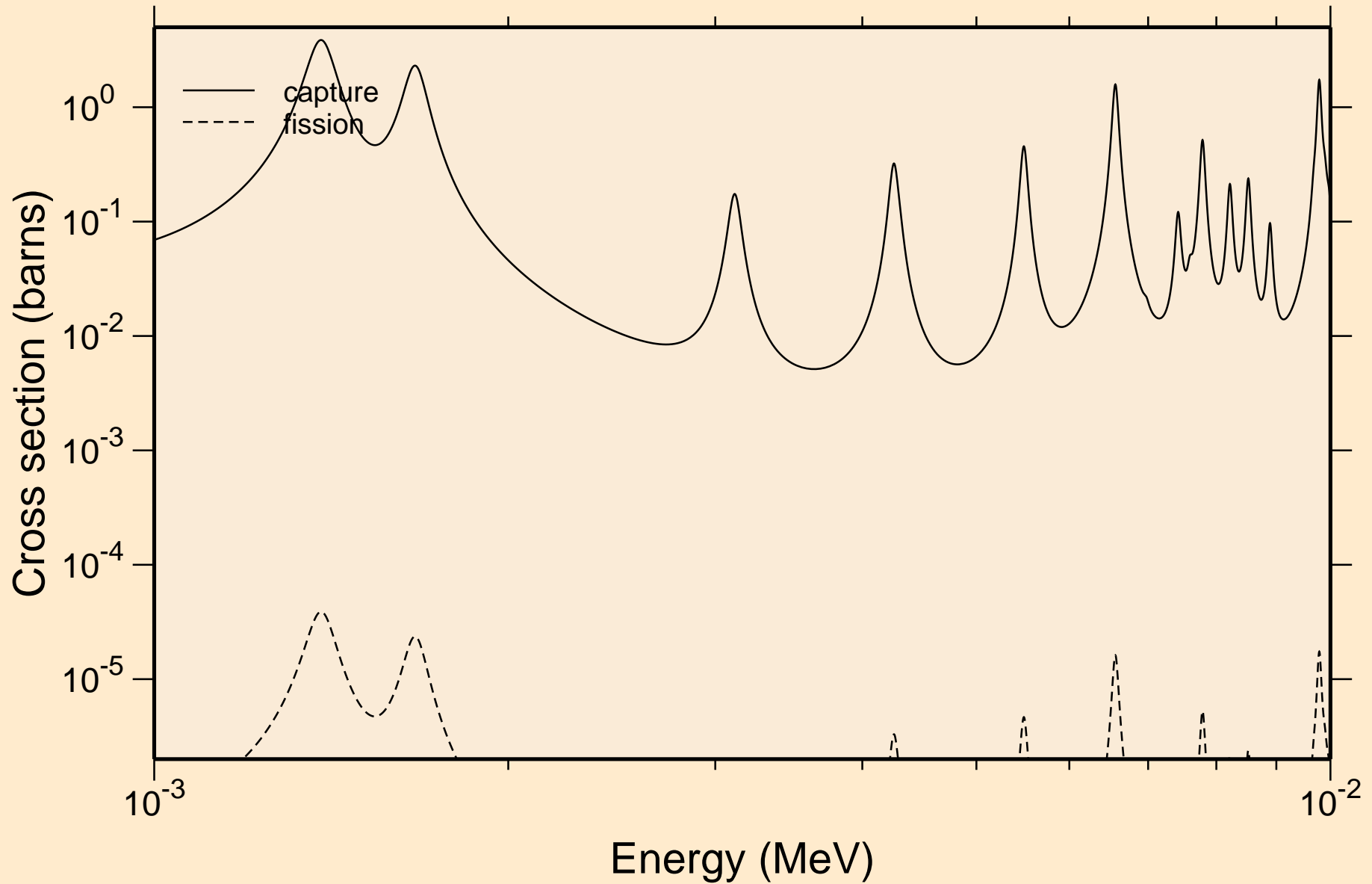
AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



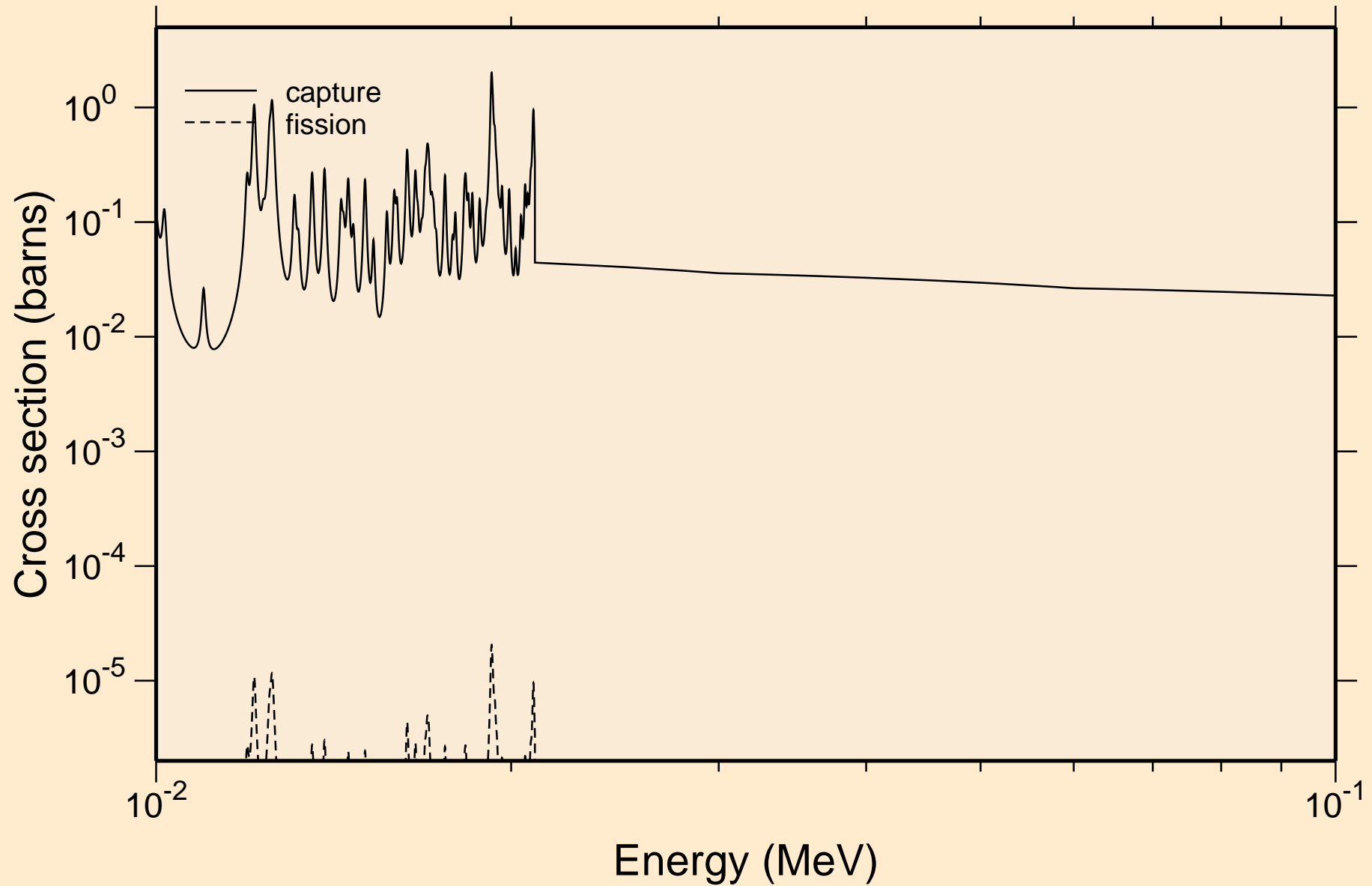
AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

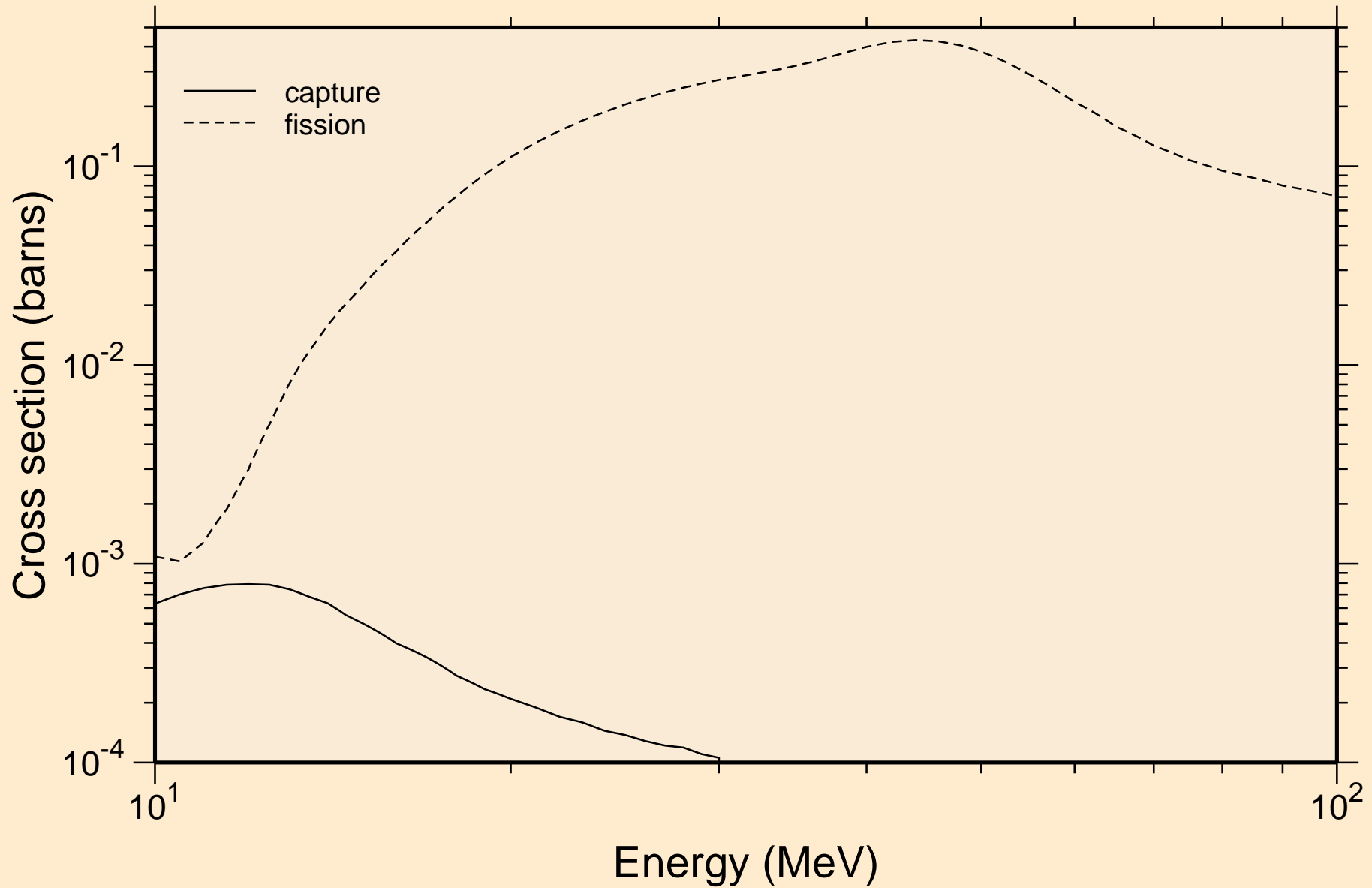


AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

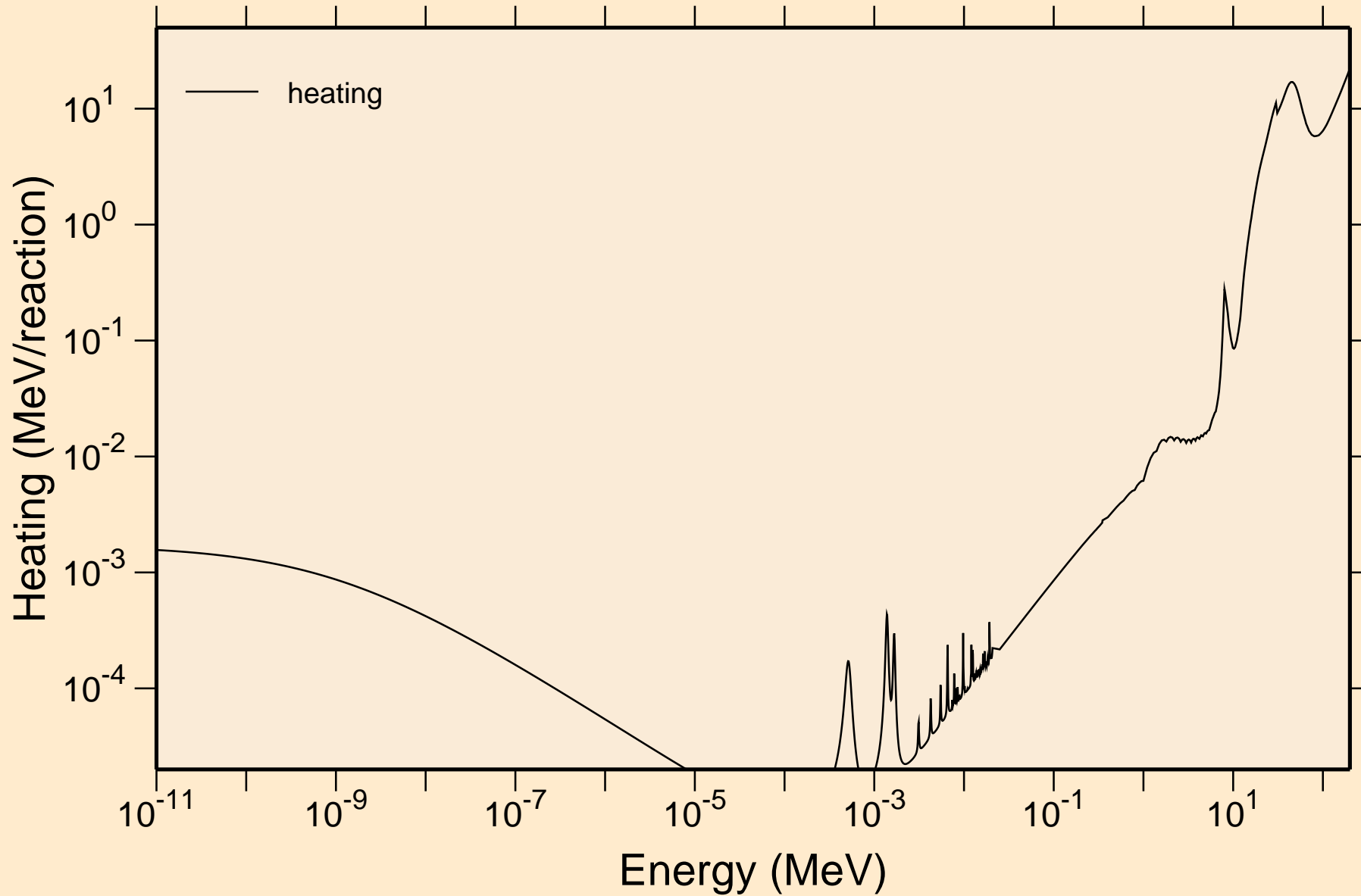




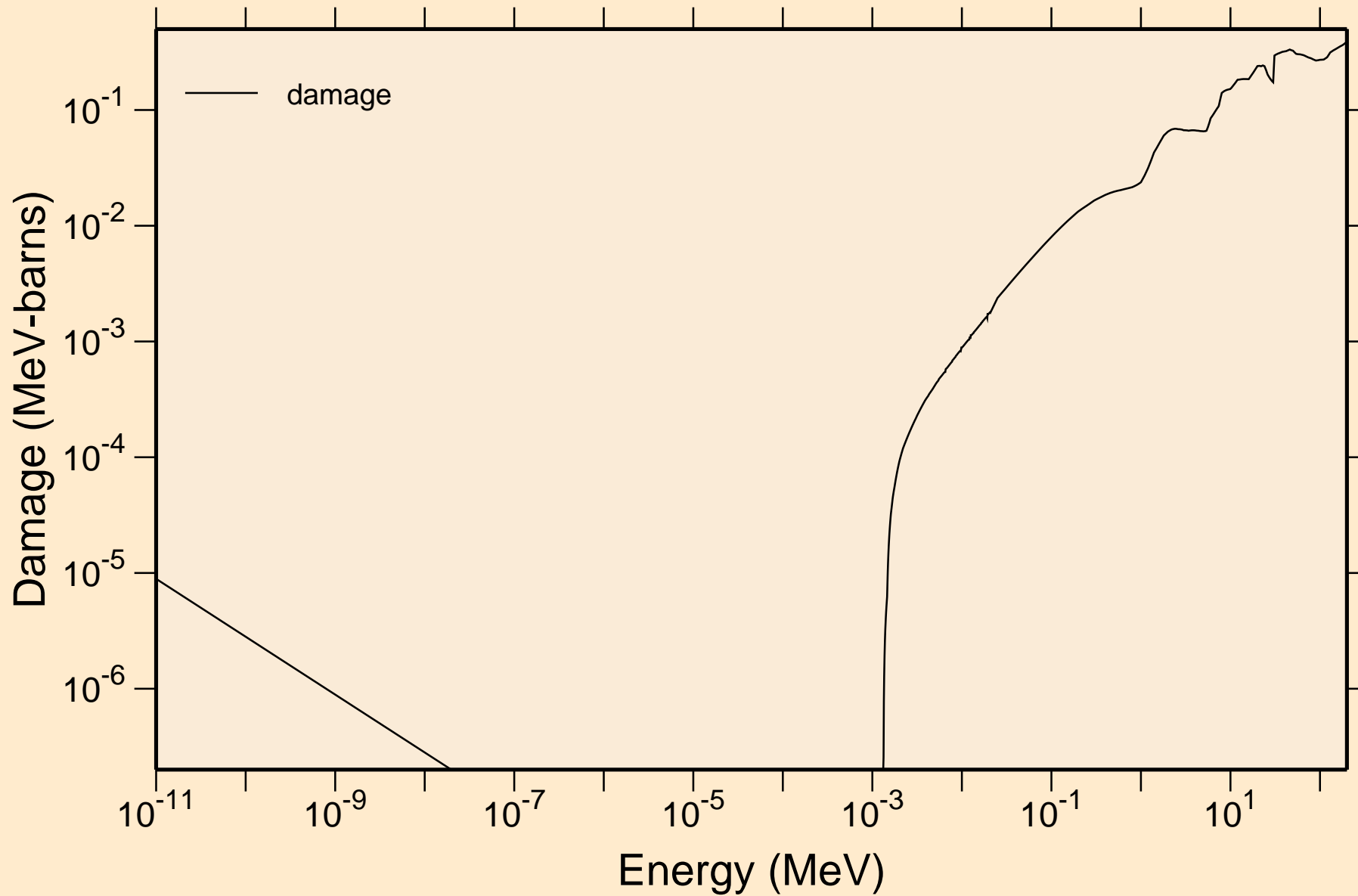
AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Heating

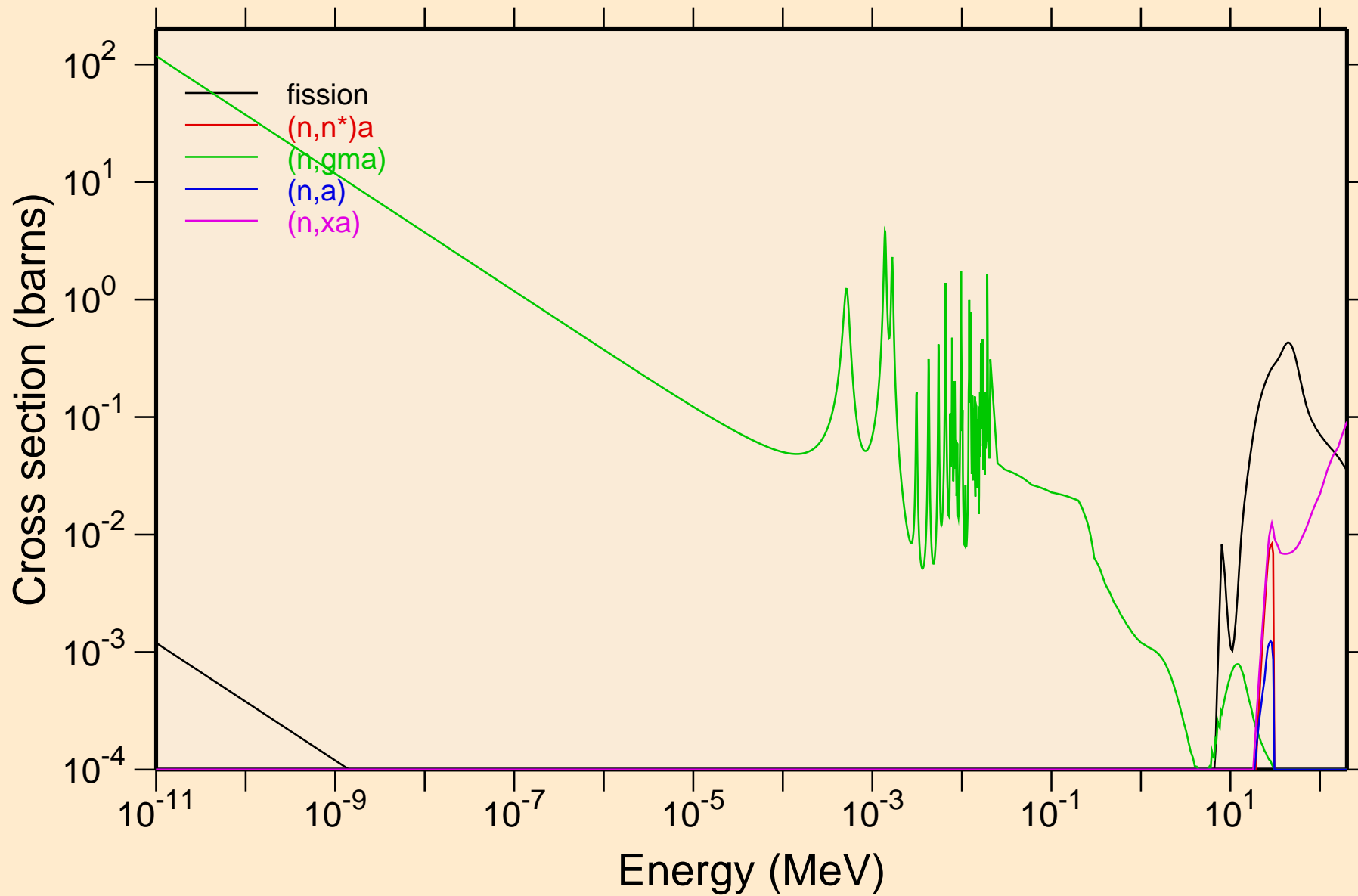


AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage

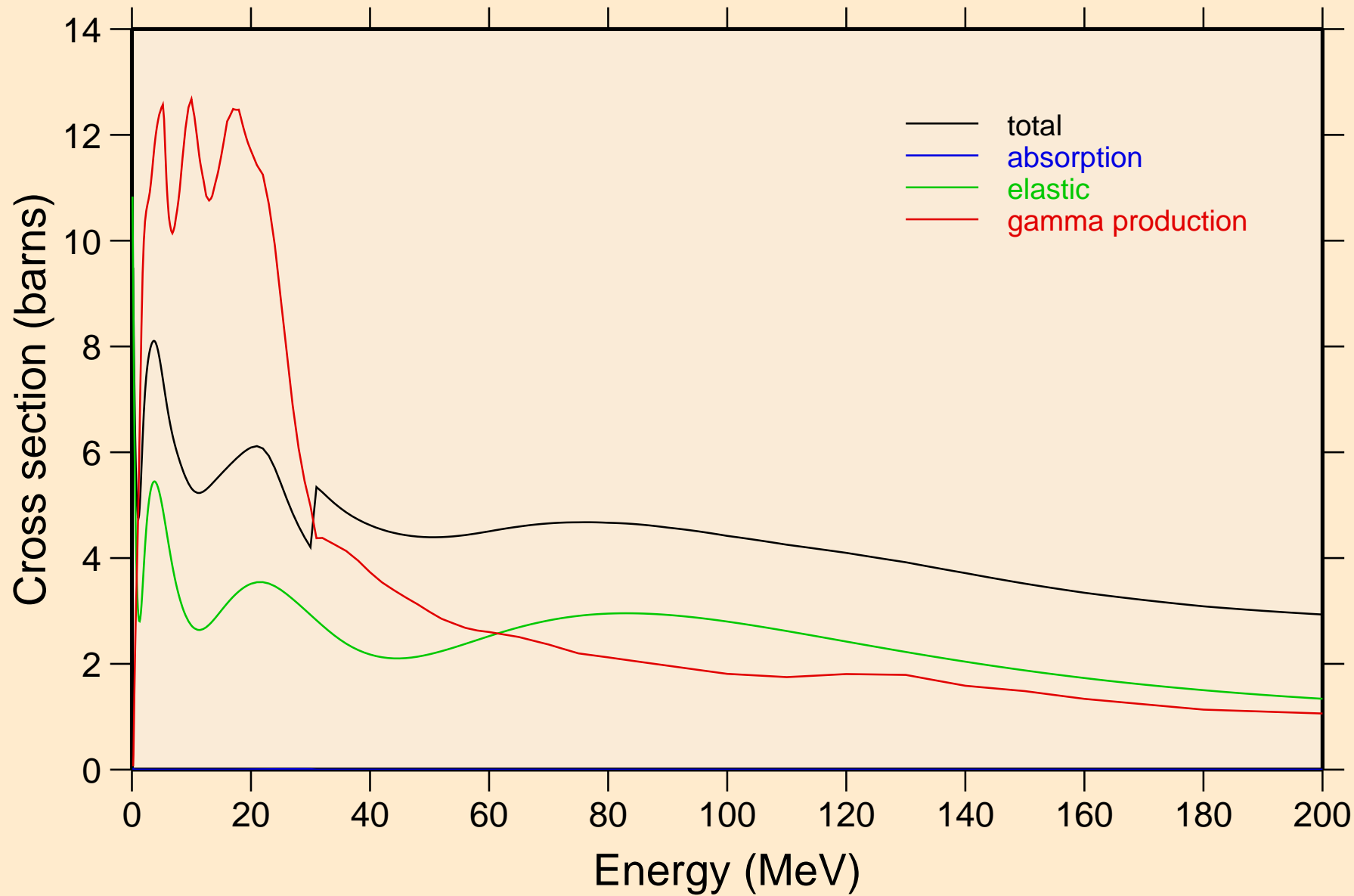


# AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

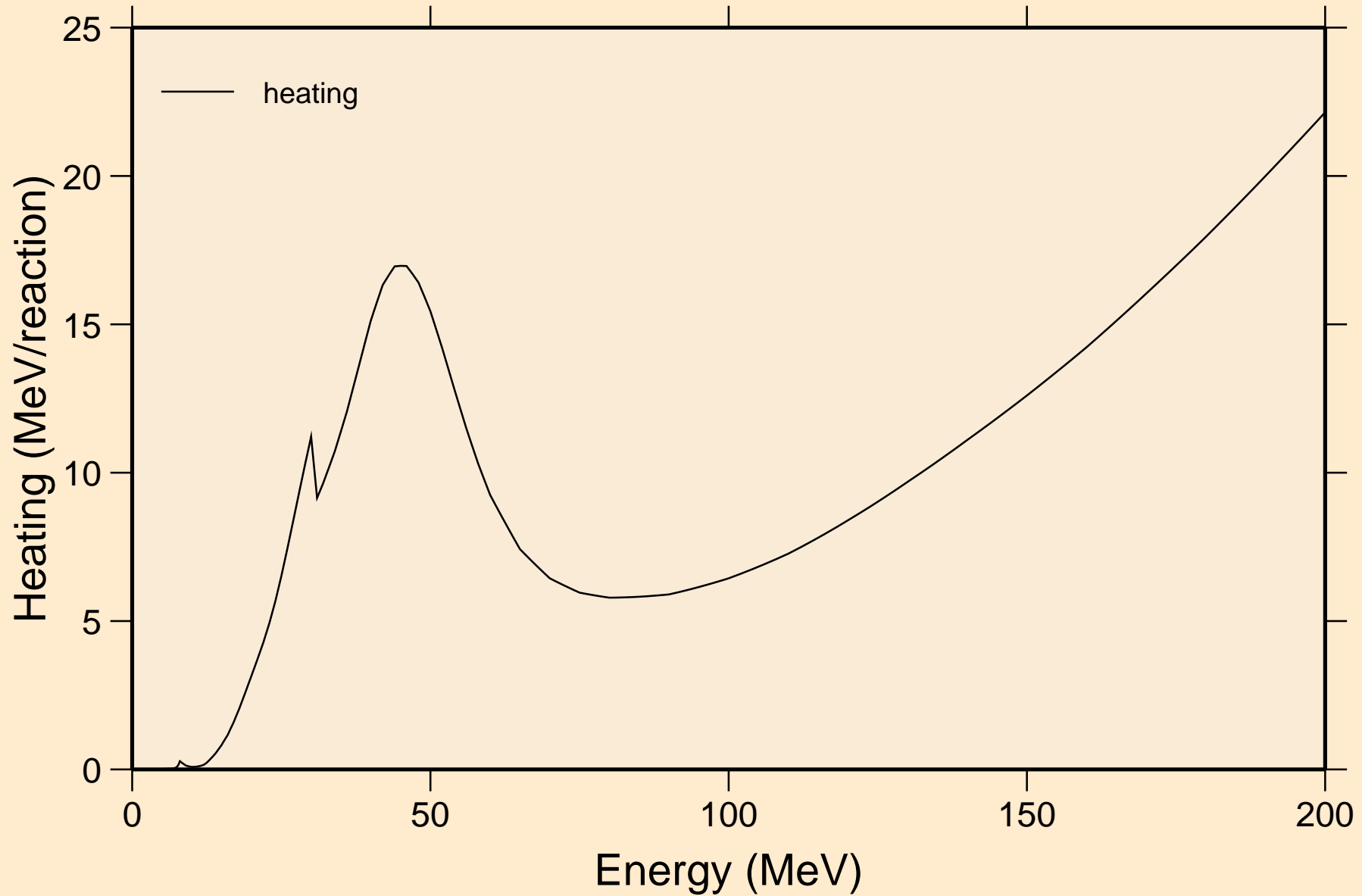


AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Principal cross sections



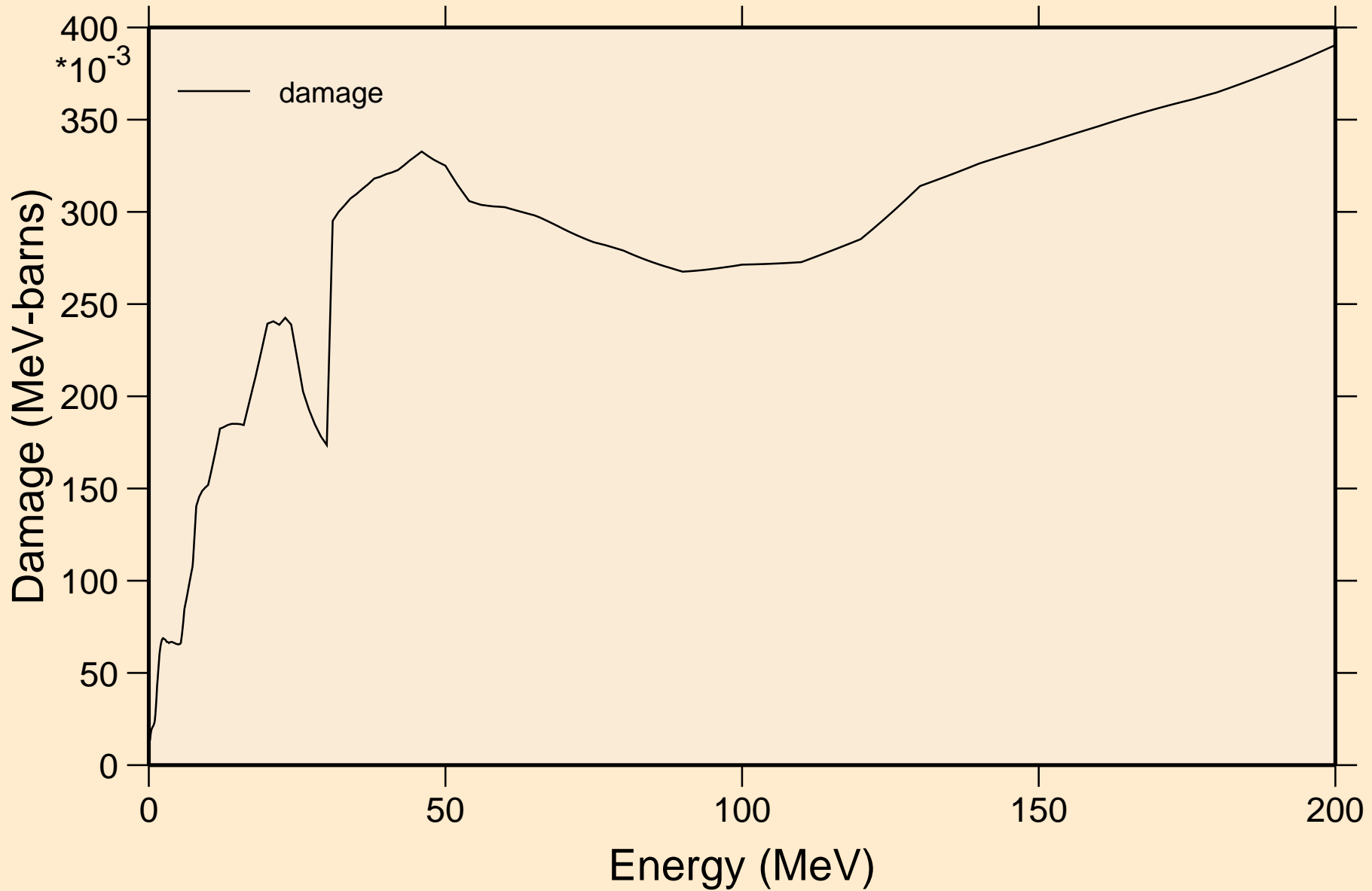
# AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating

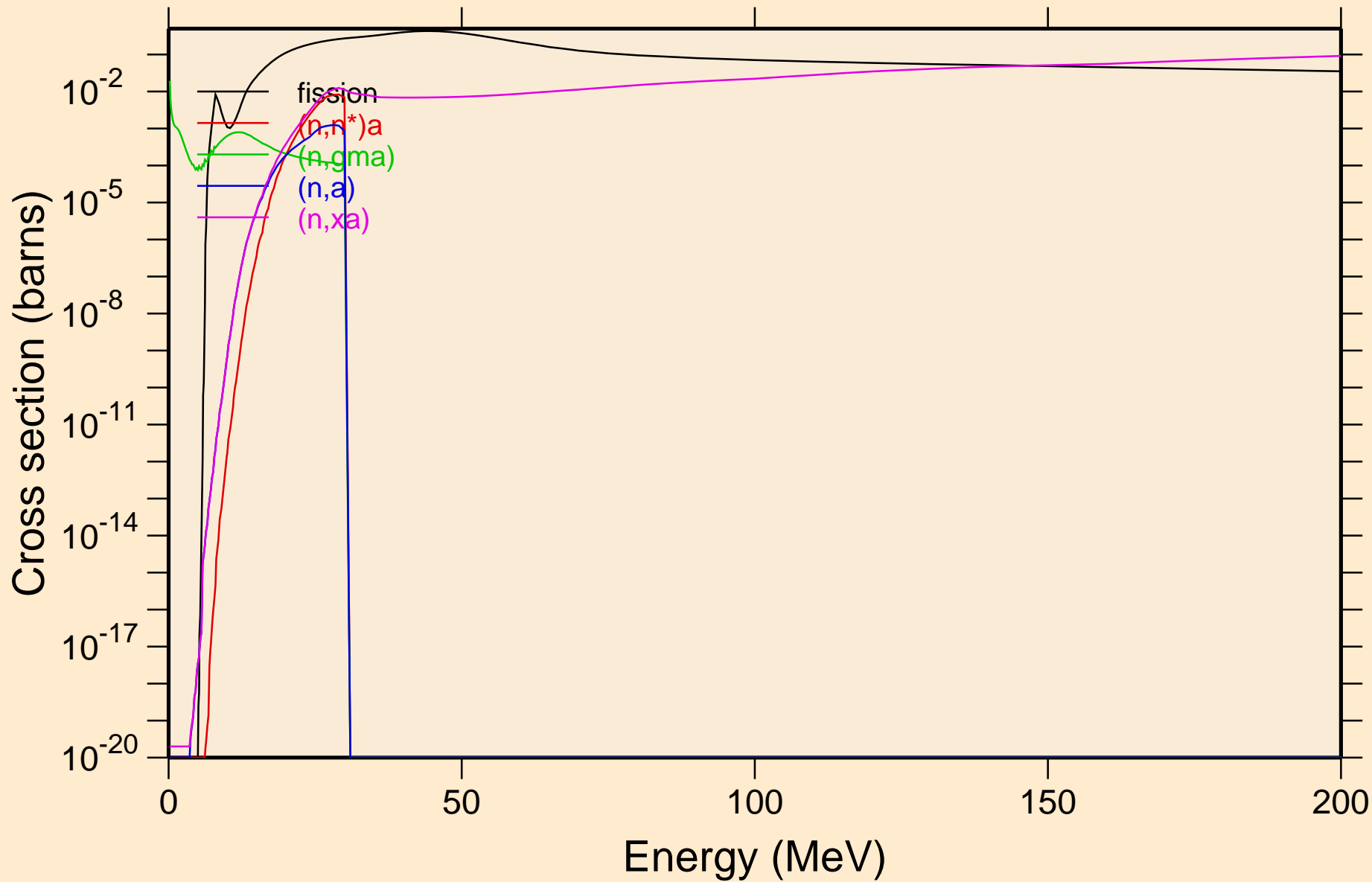


# AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

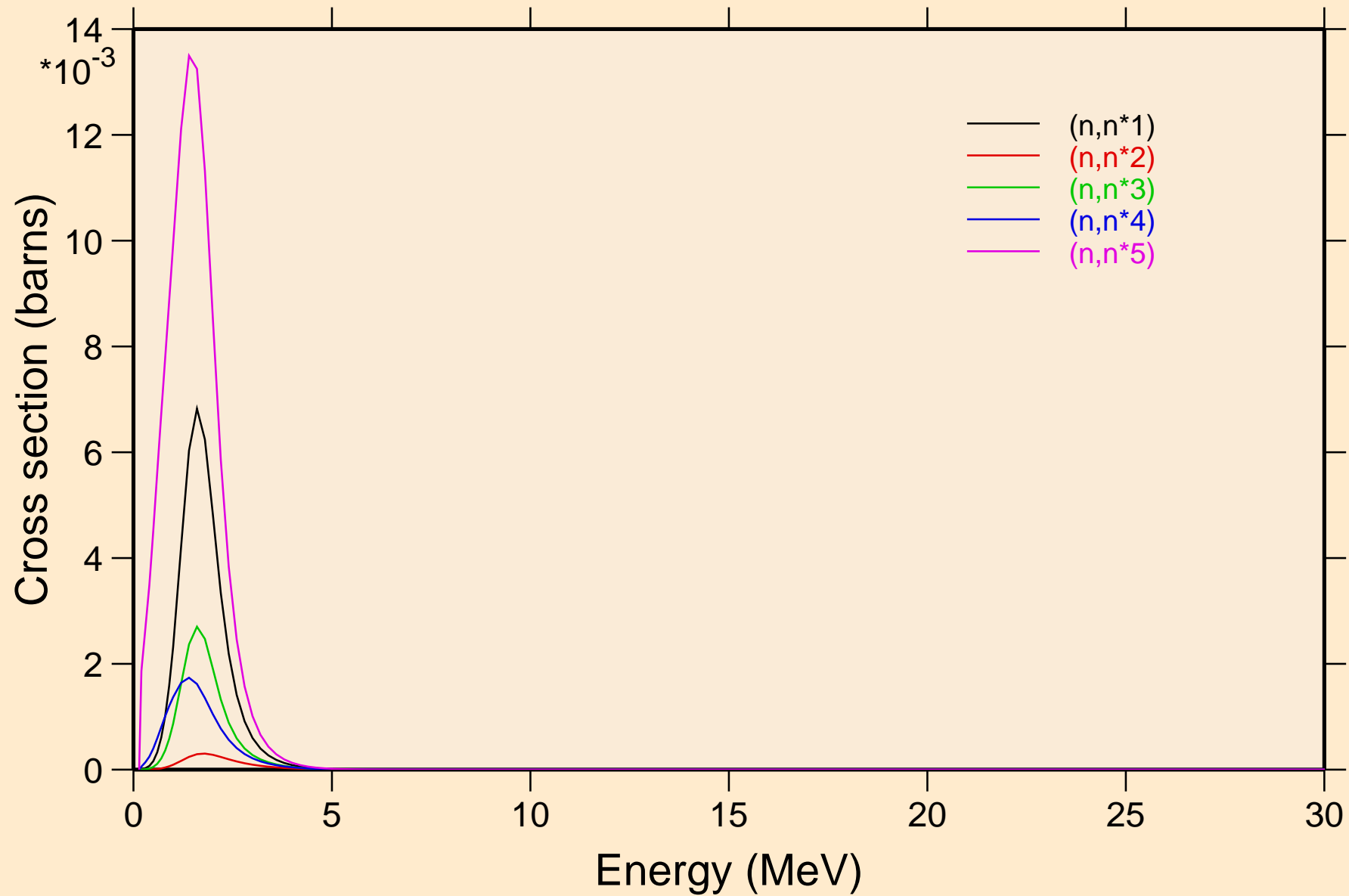


AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

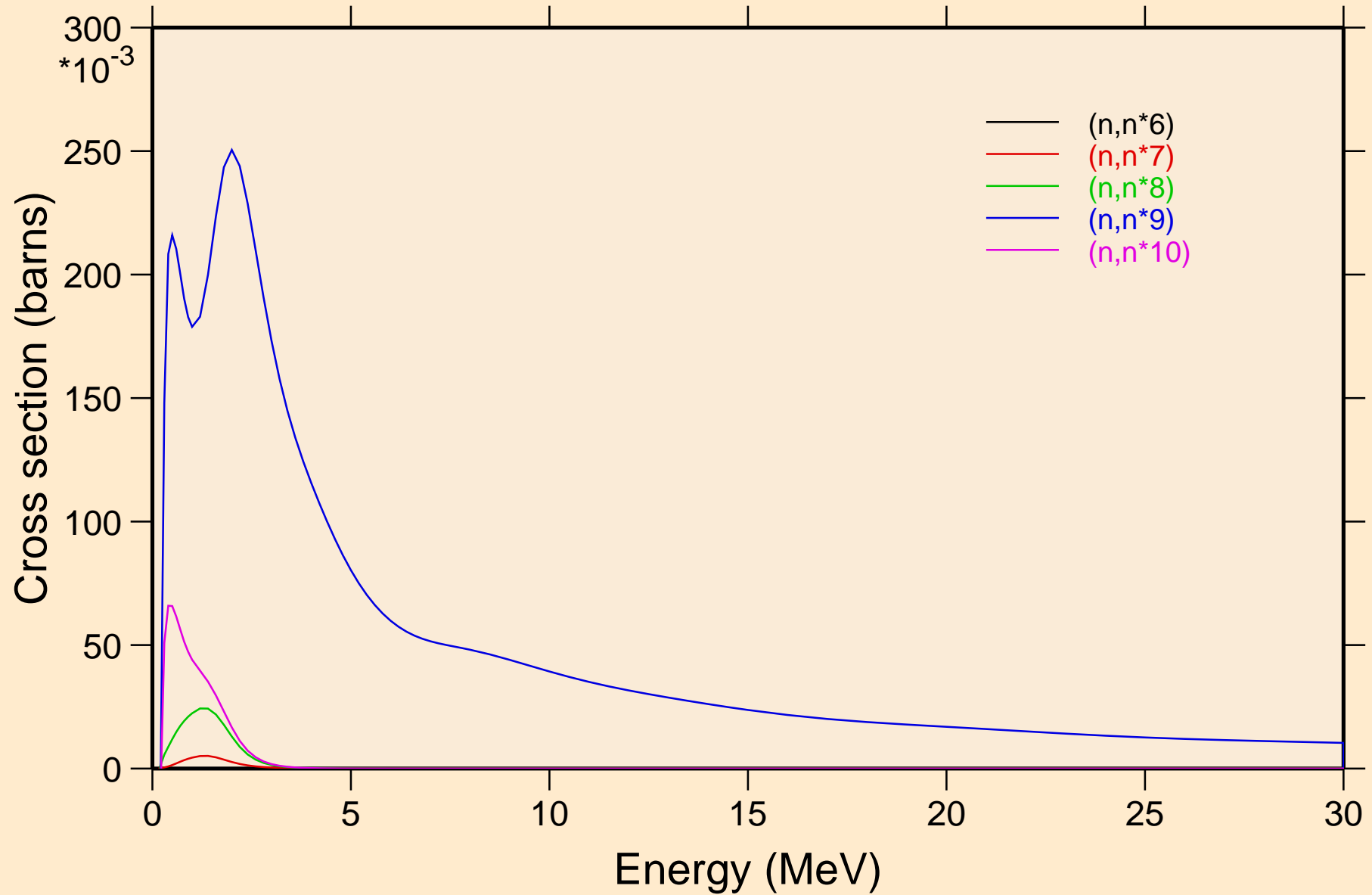




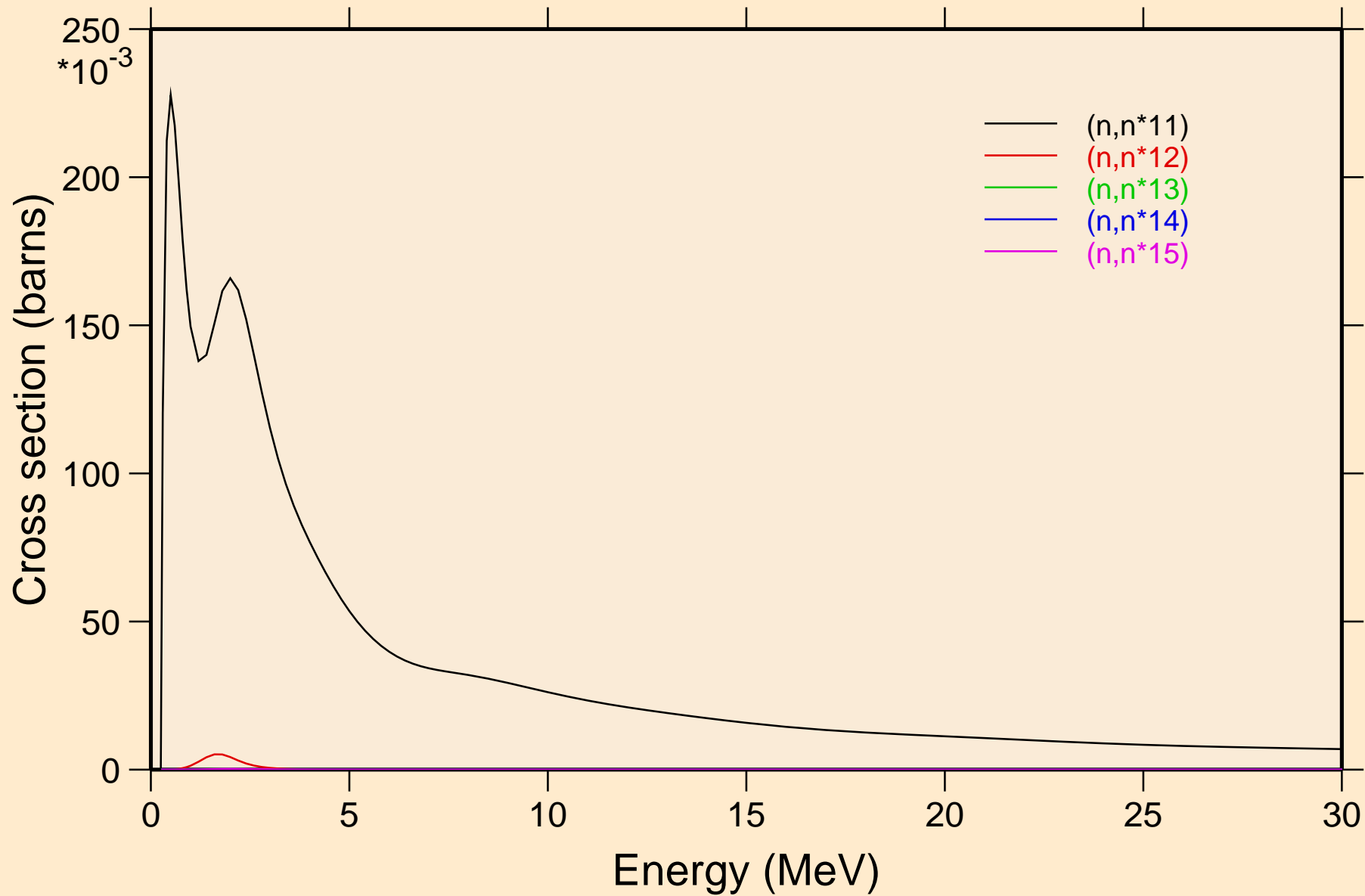
AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



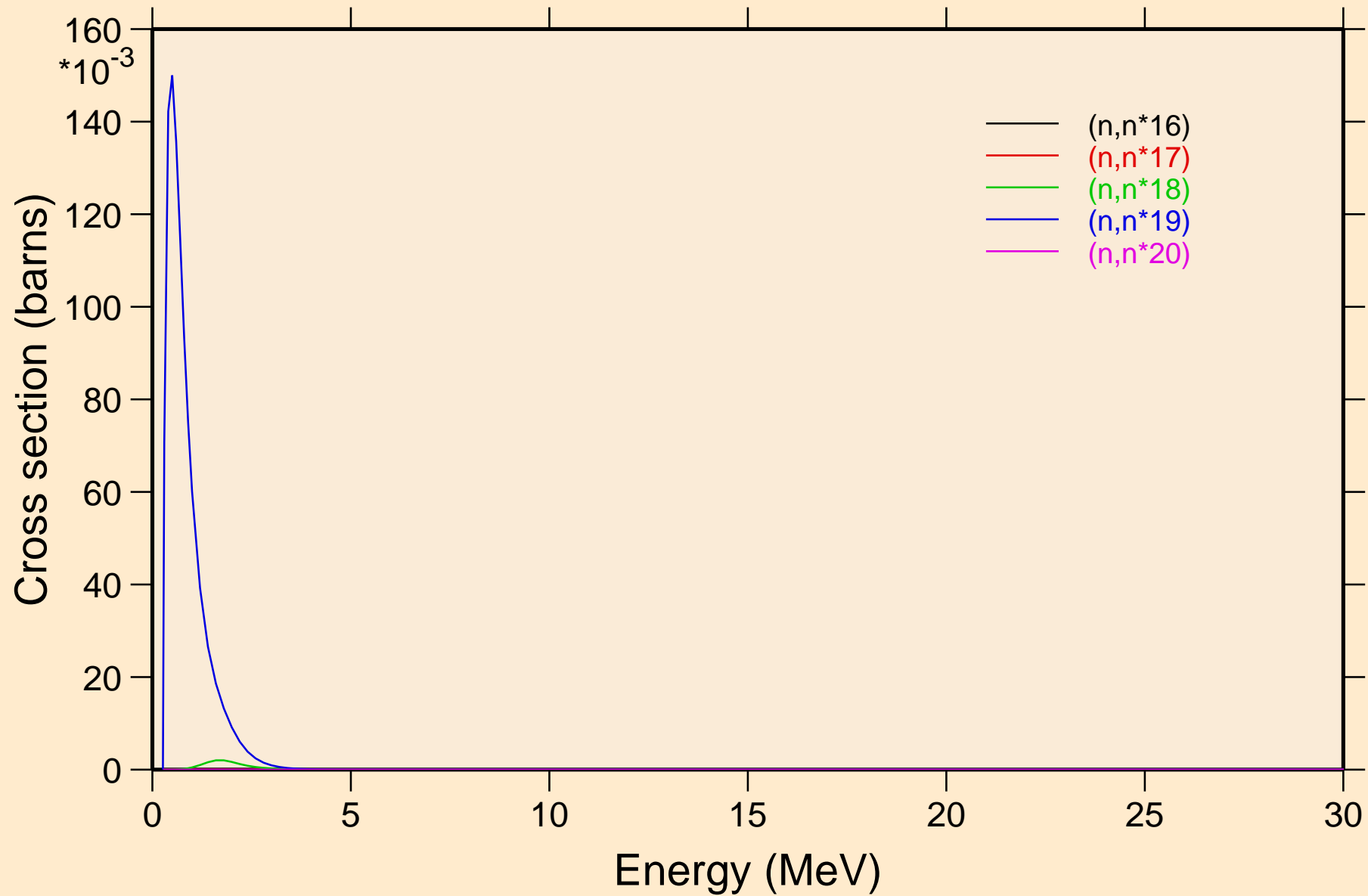
AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



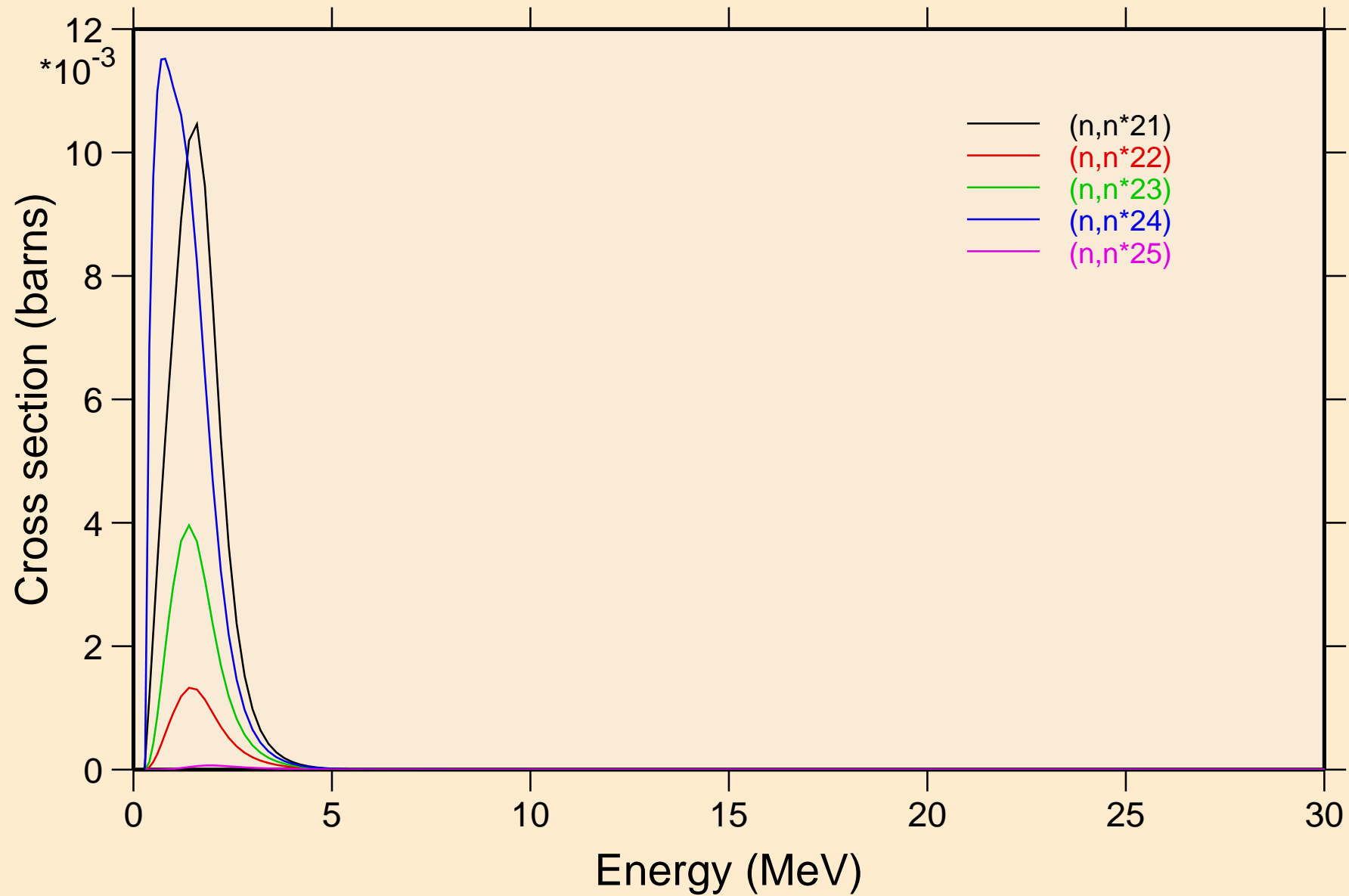
AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



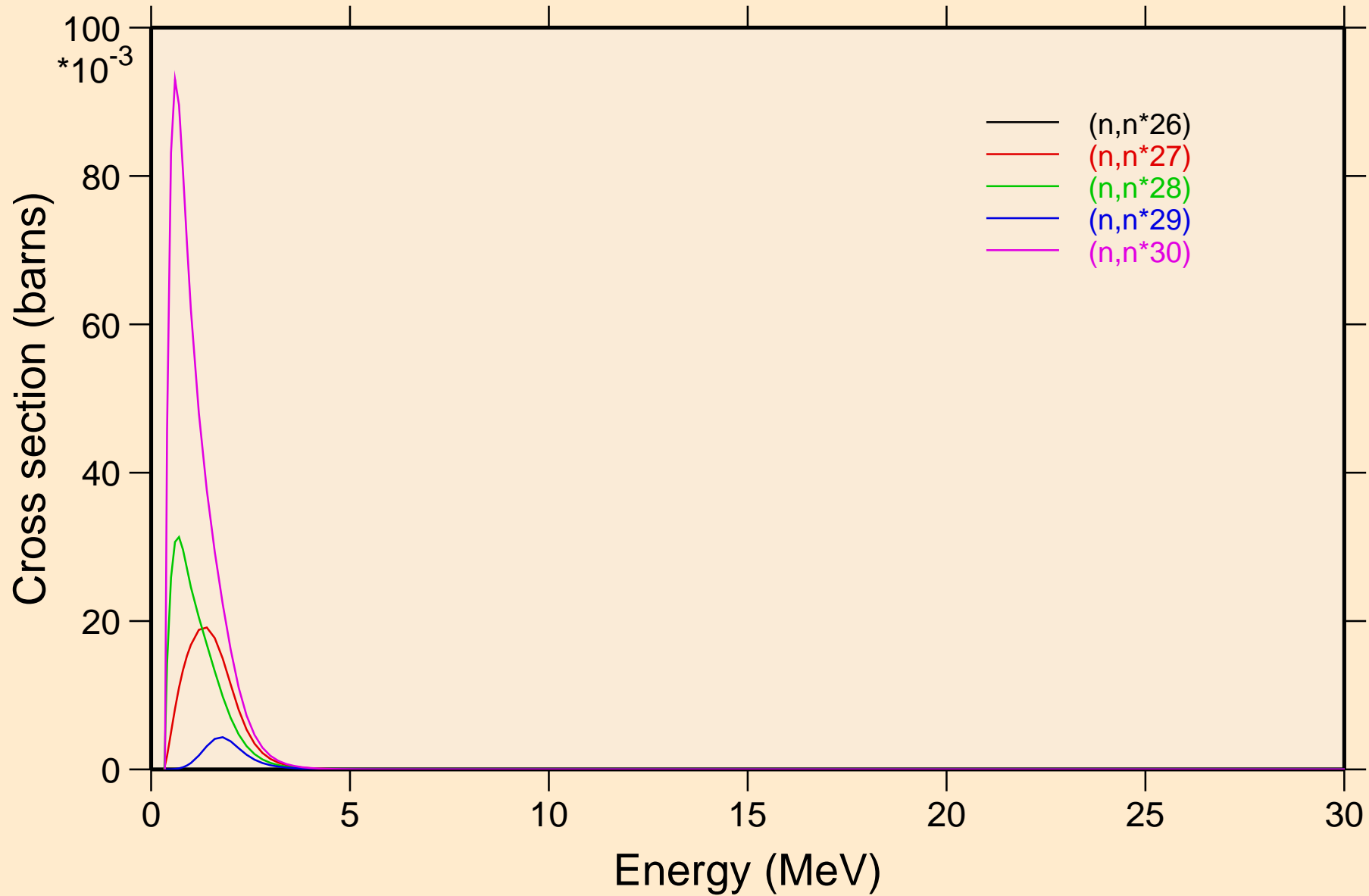
AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



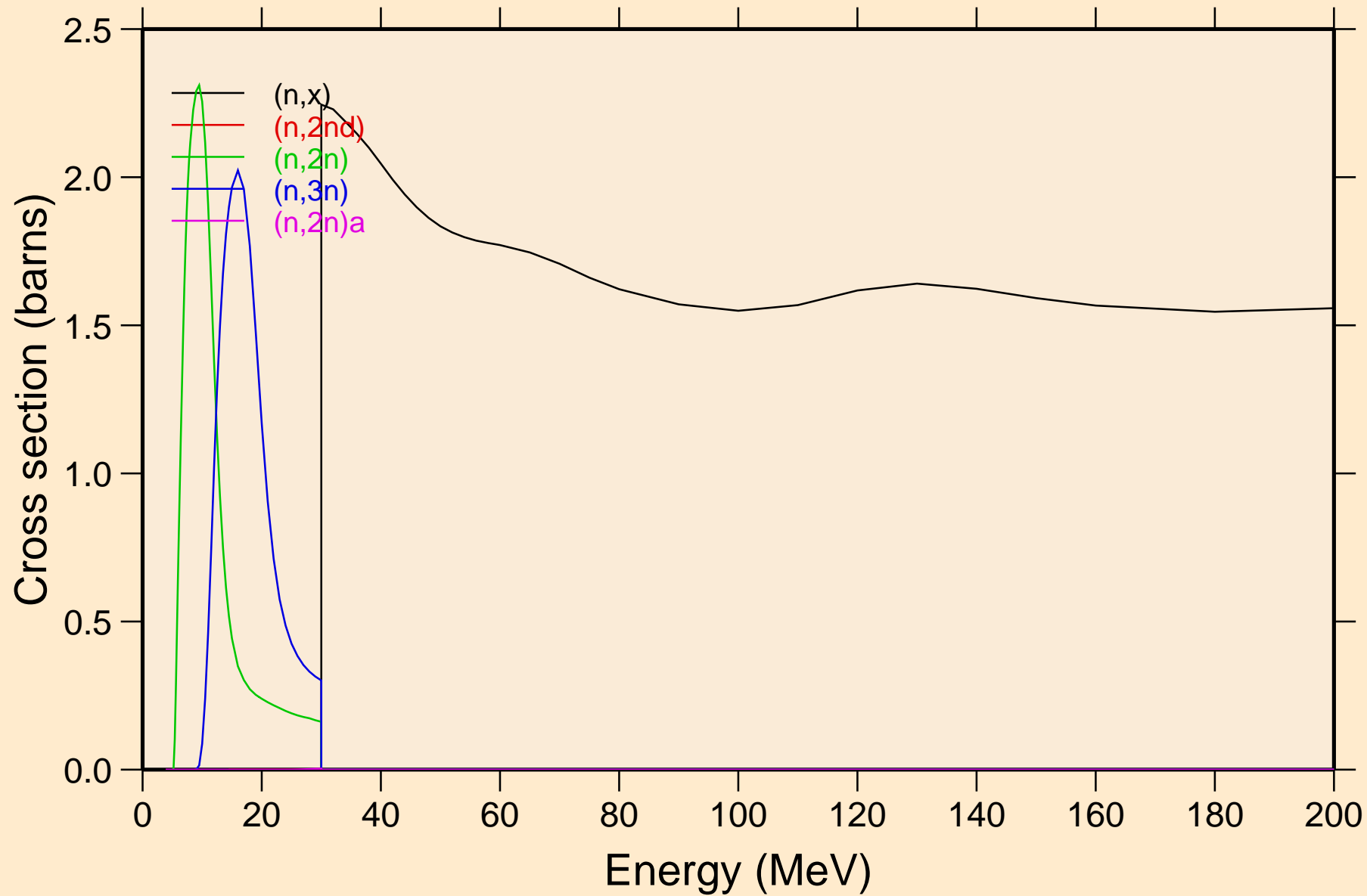
AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



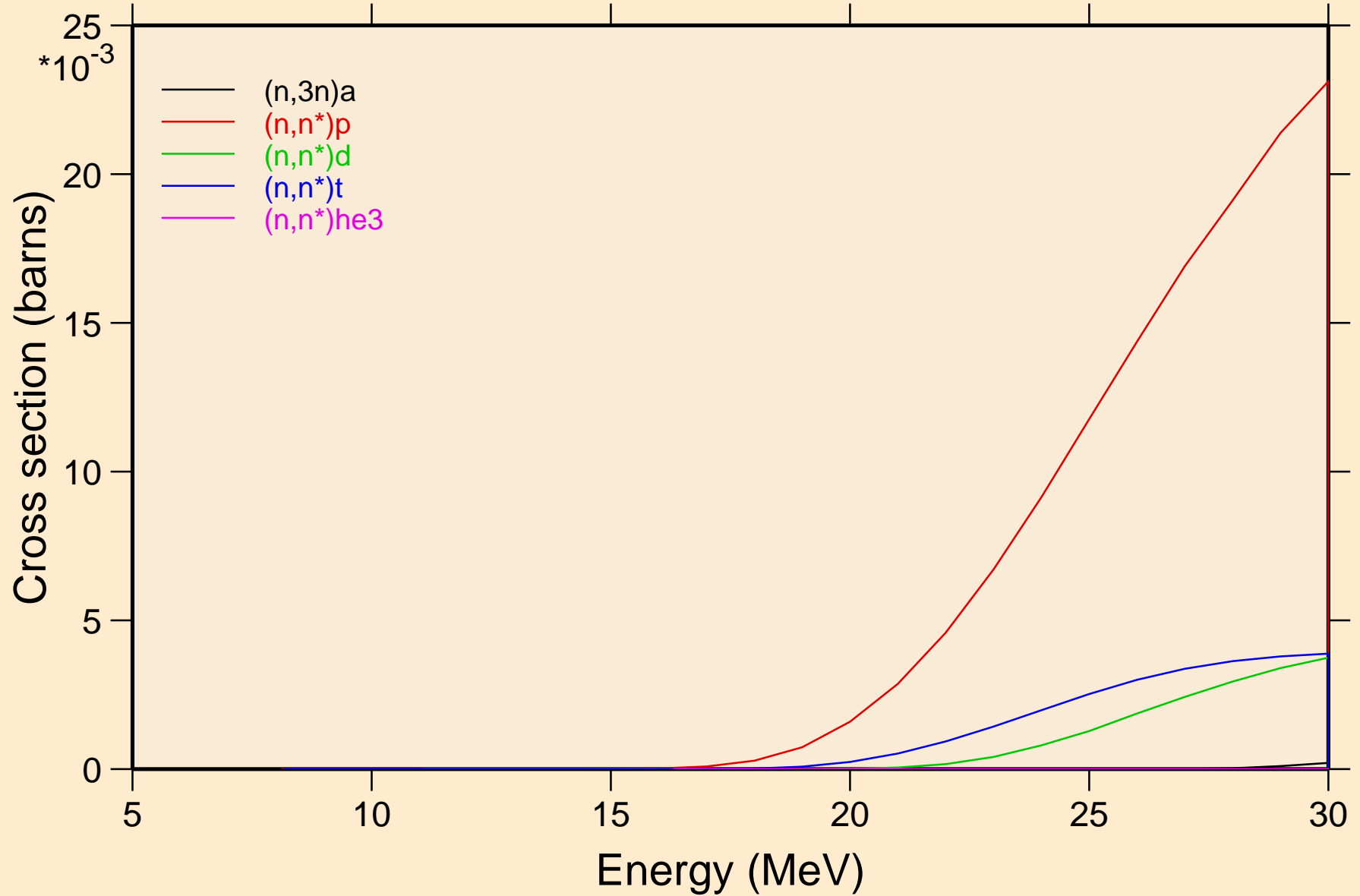
AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

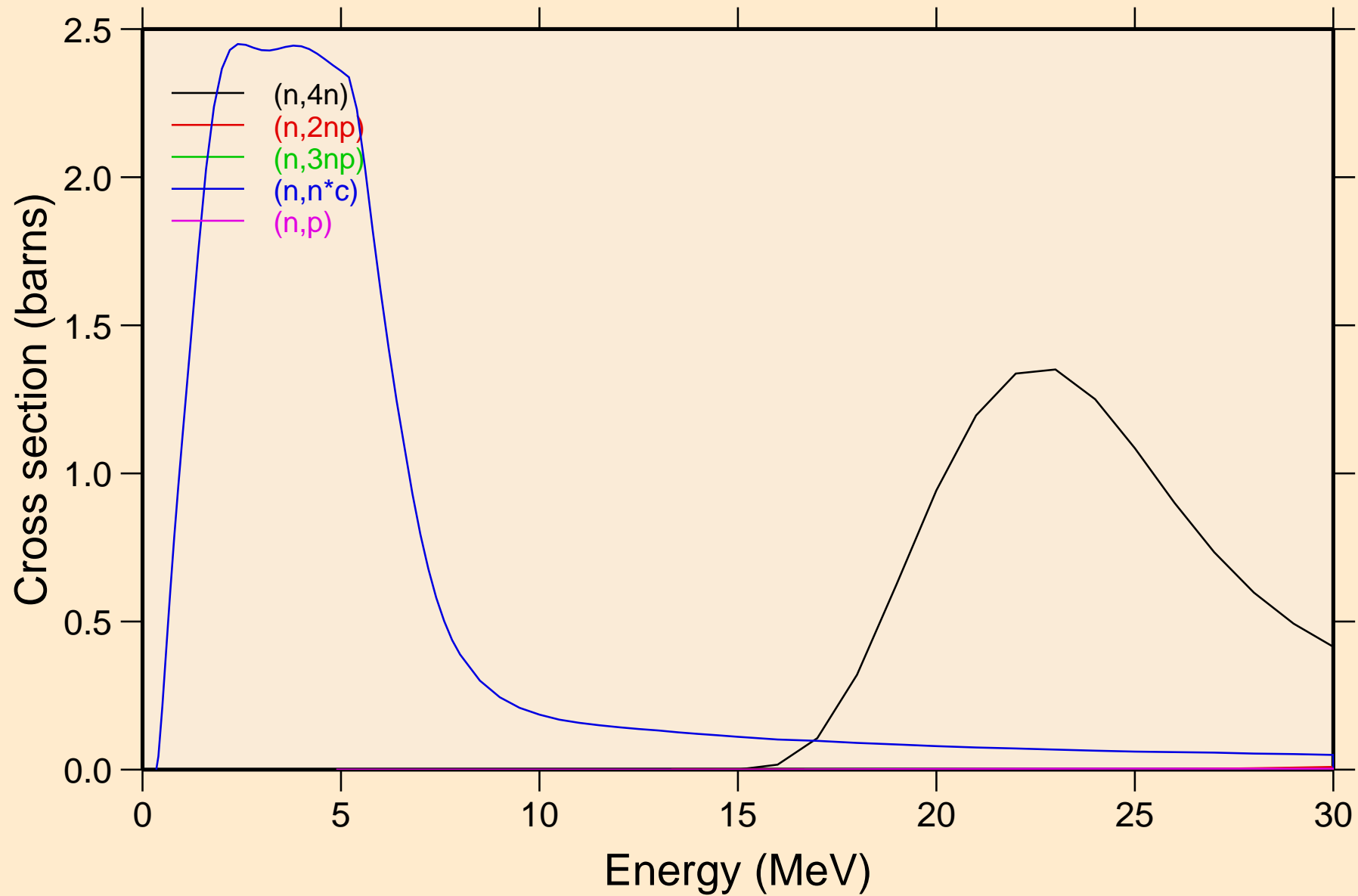


AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

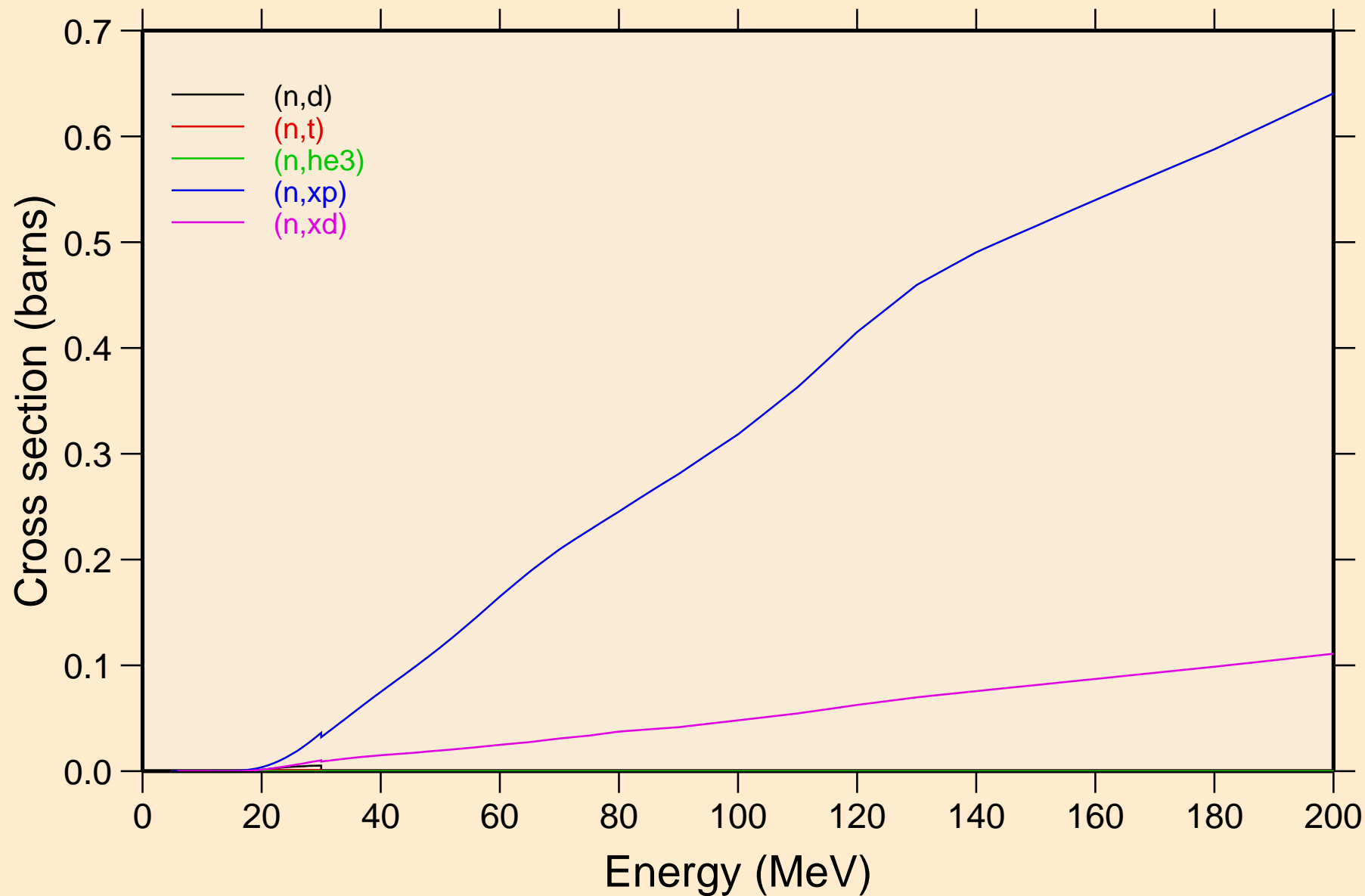




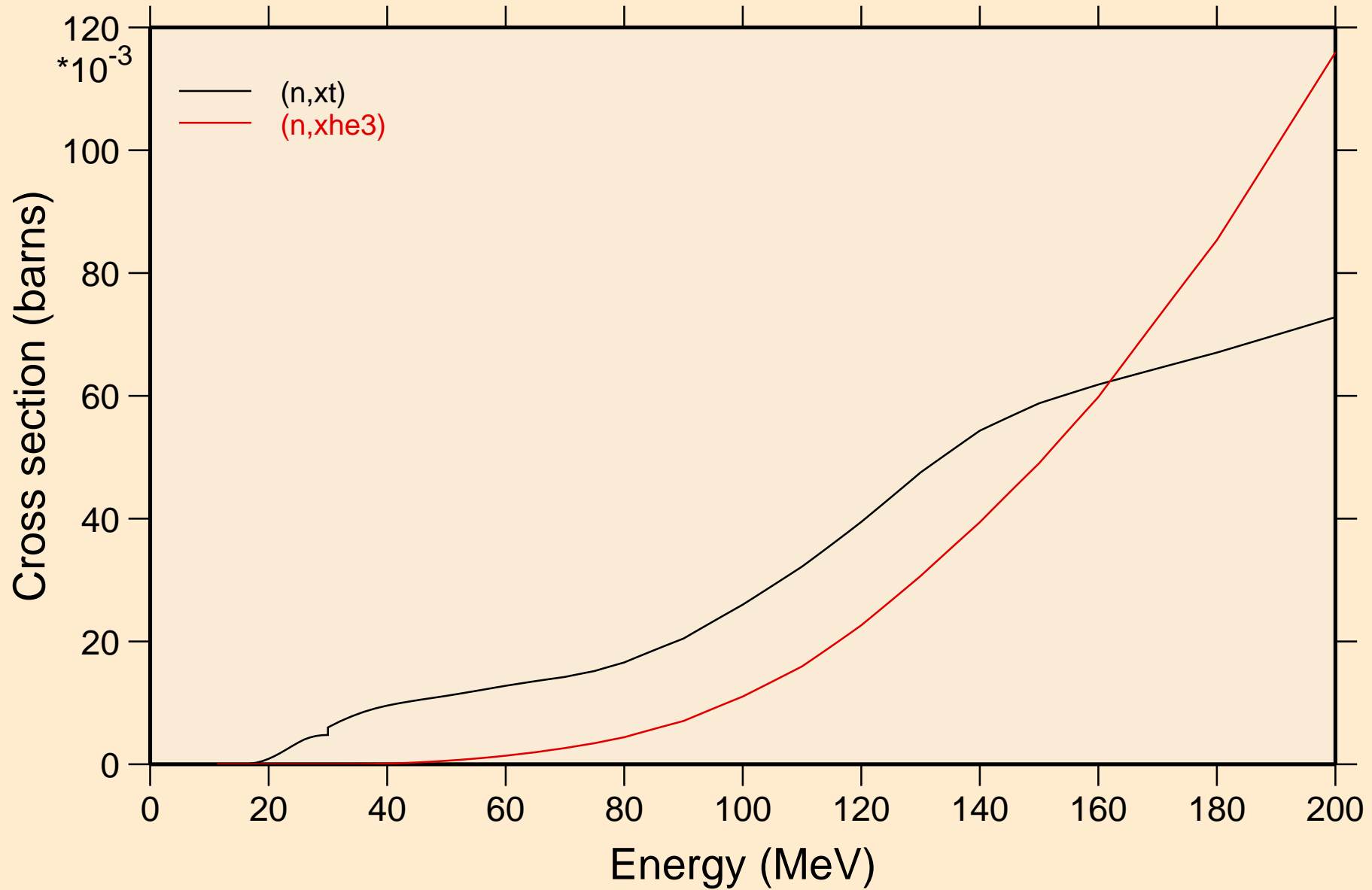
AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



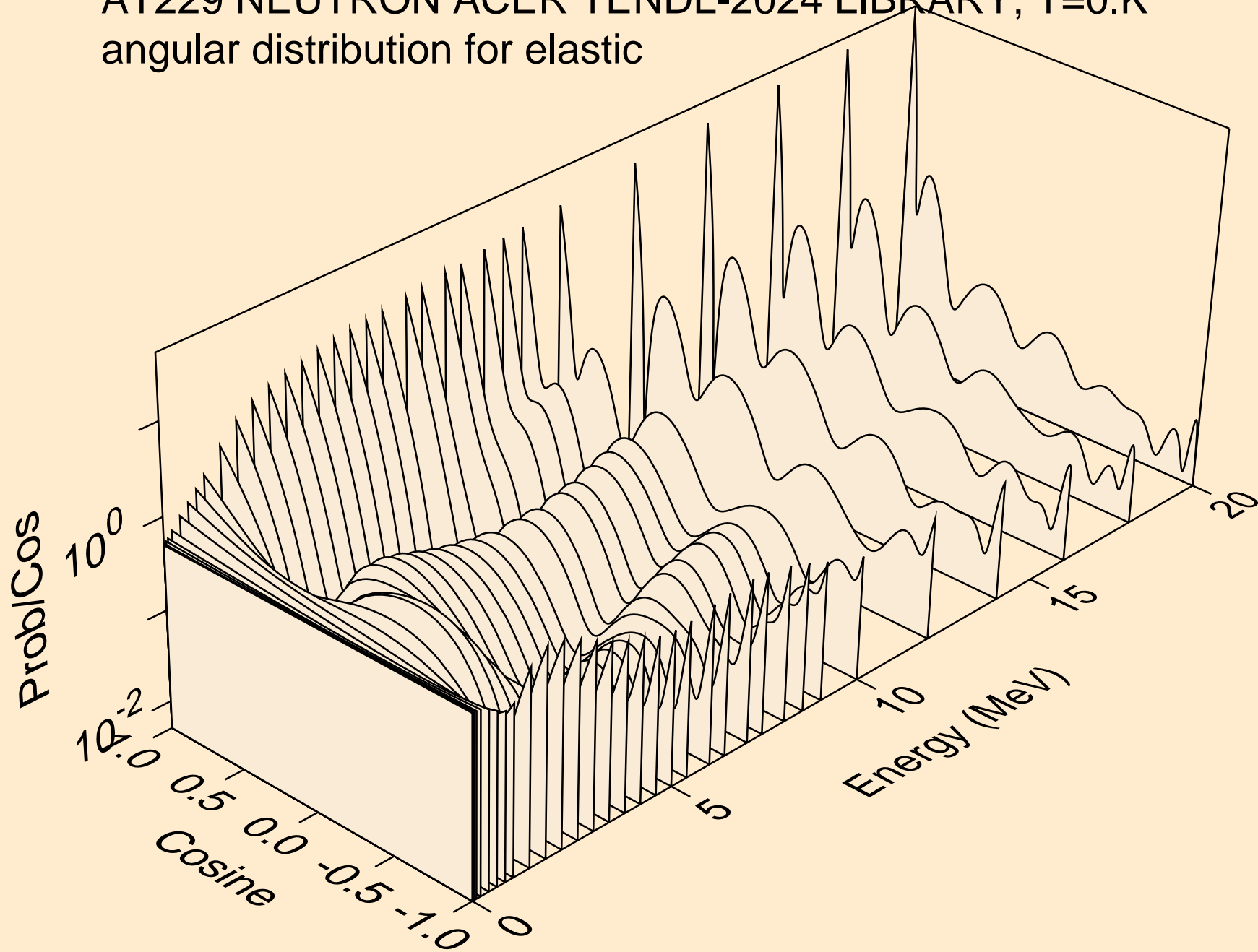
AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



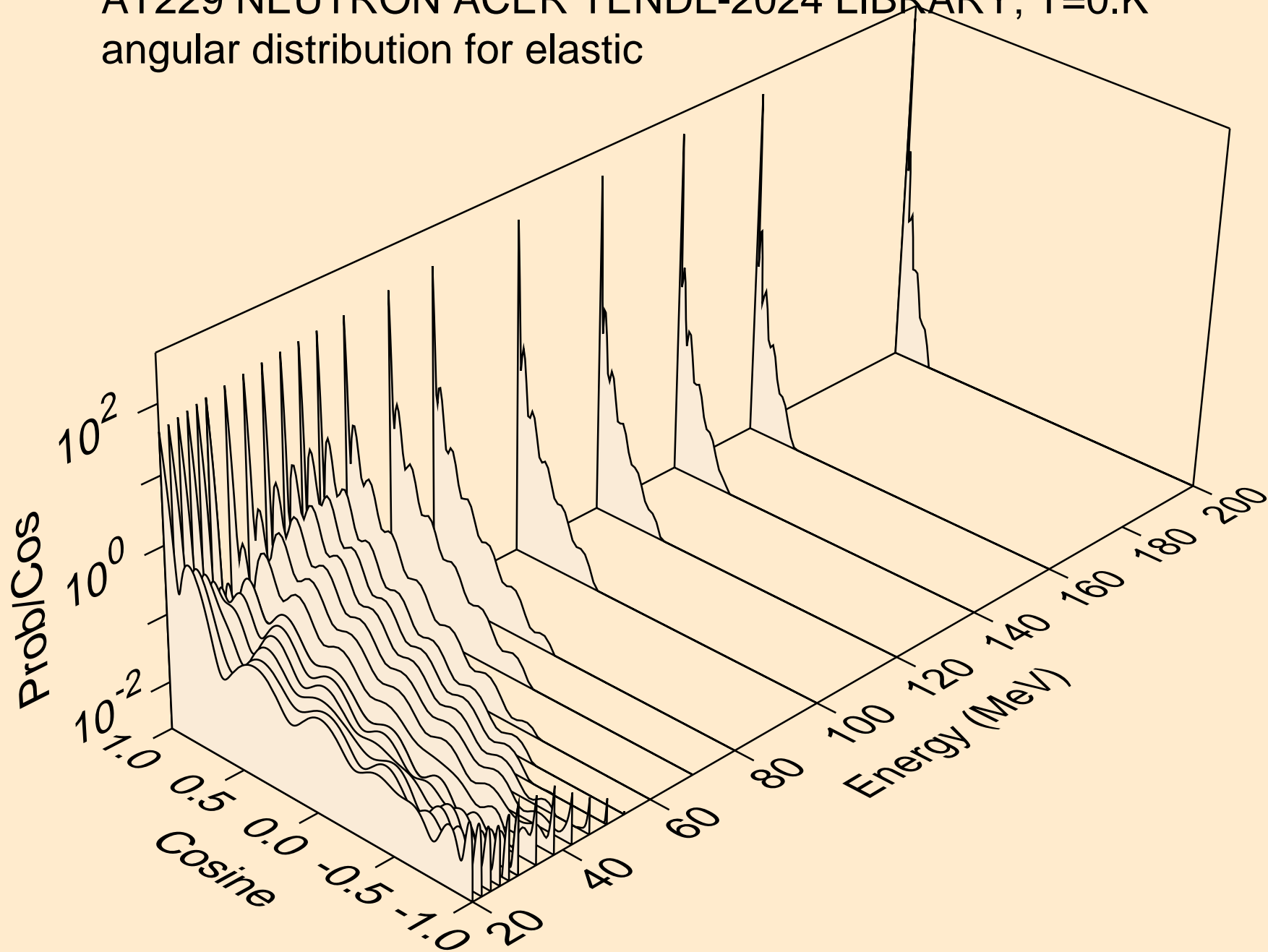
AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



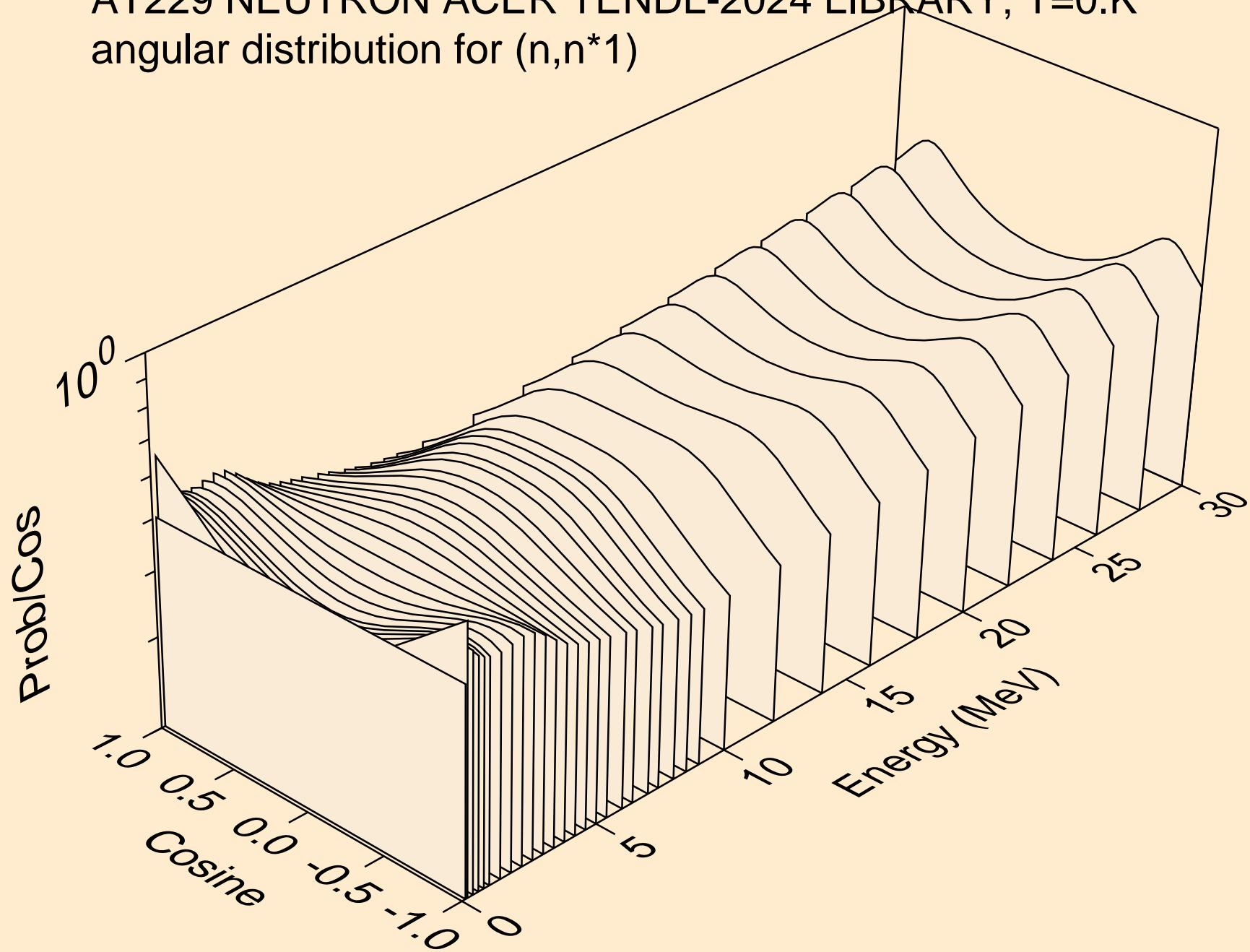
AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



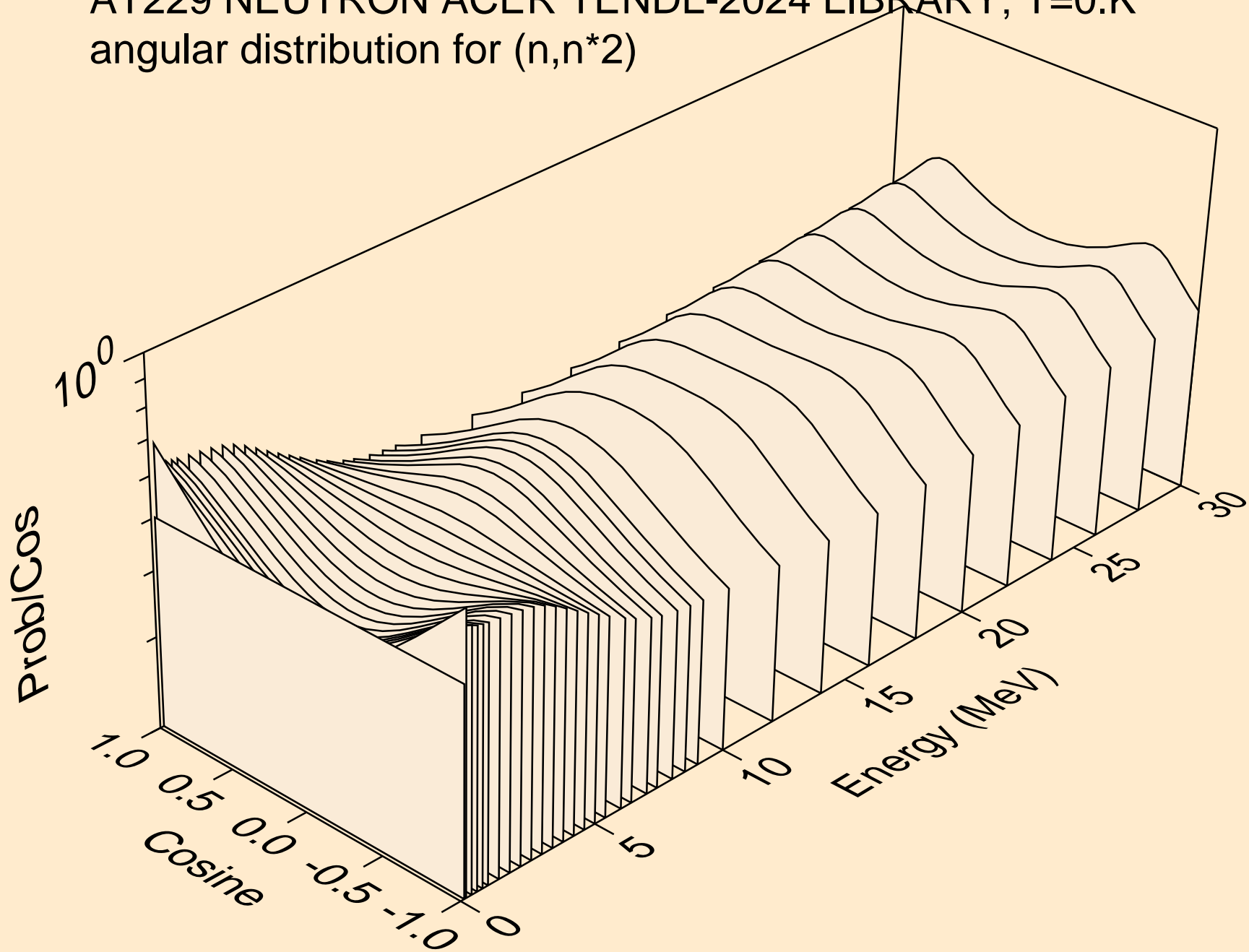
AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



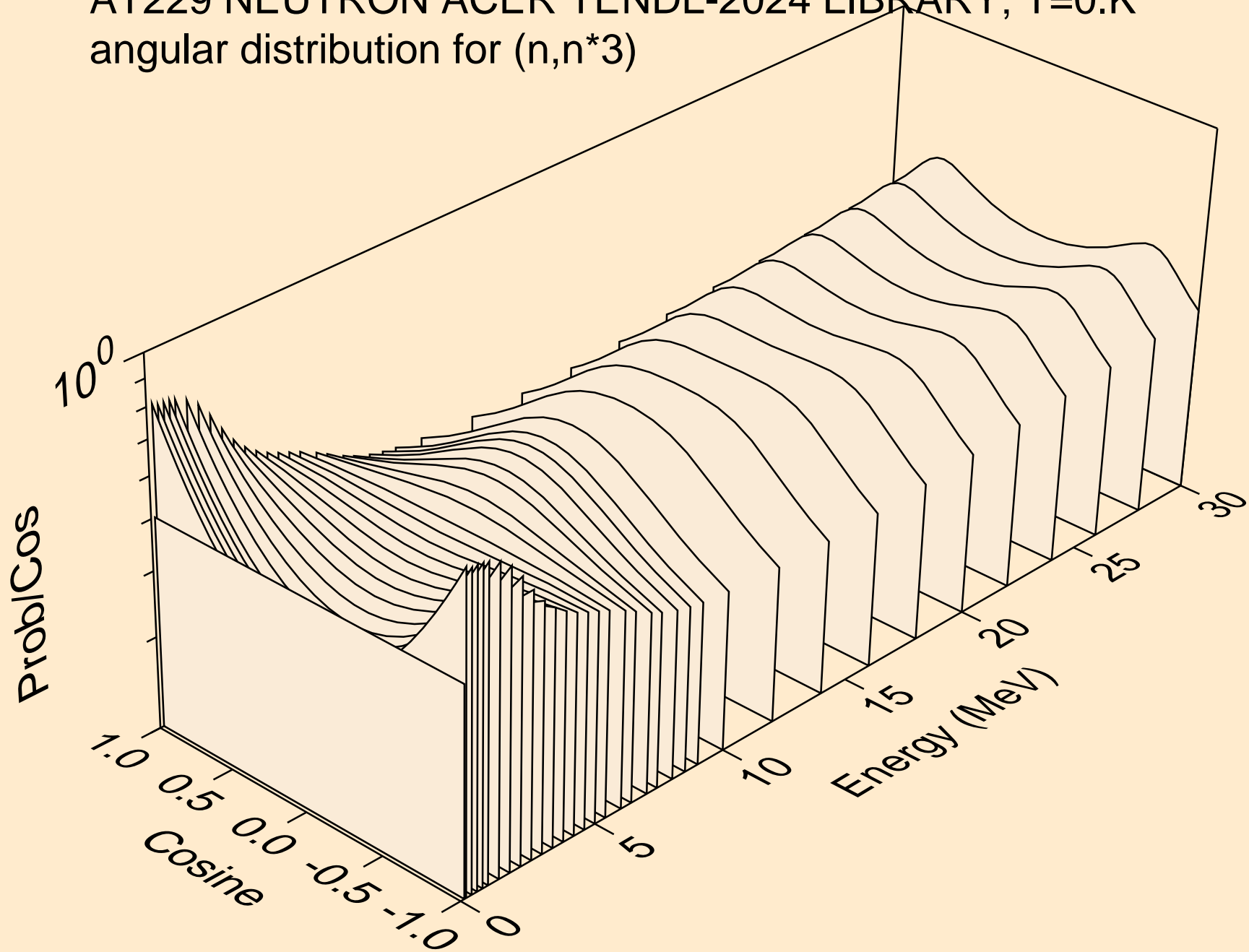
AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

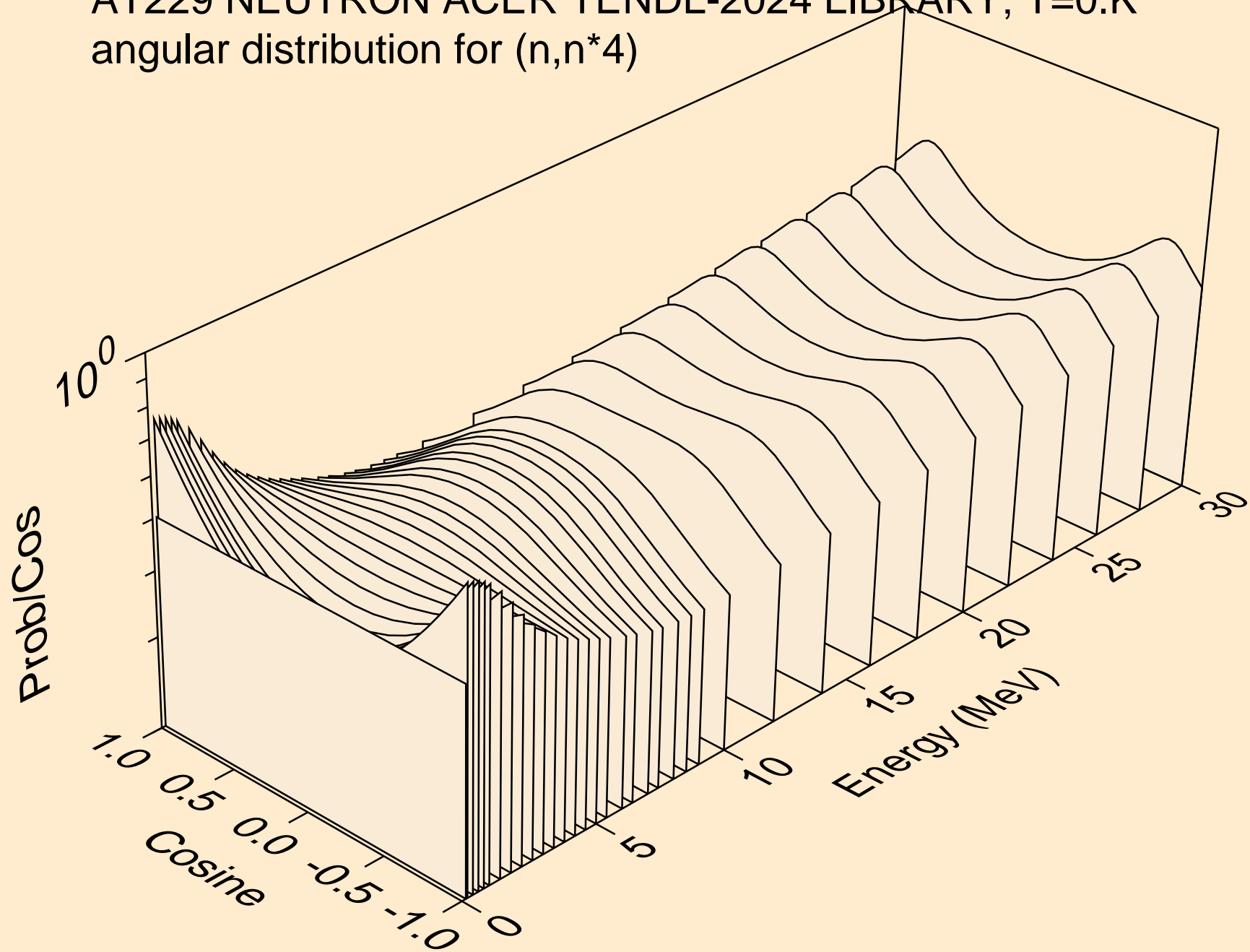


AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)

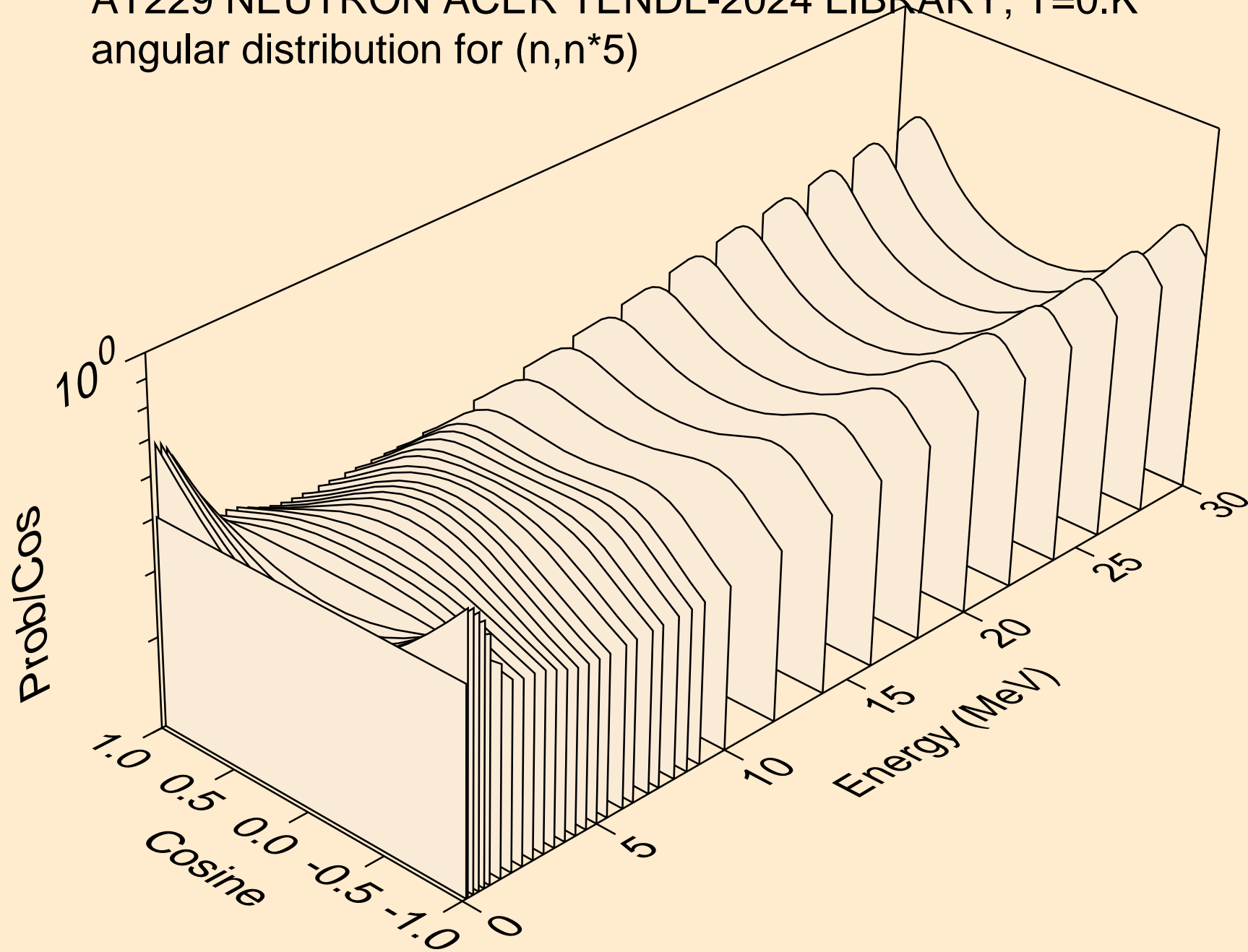




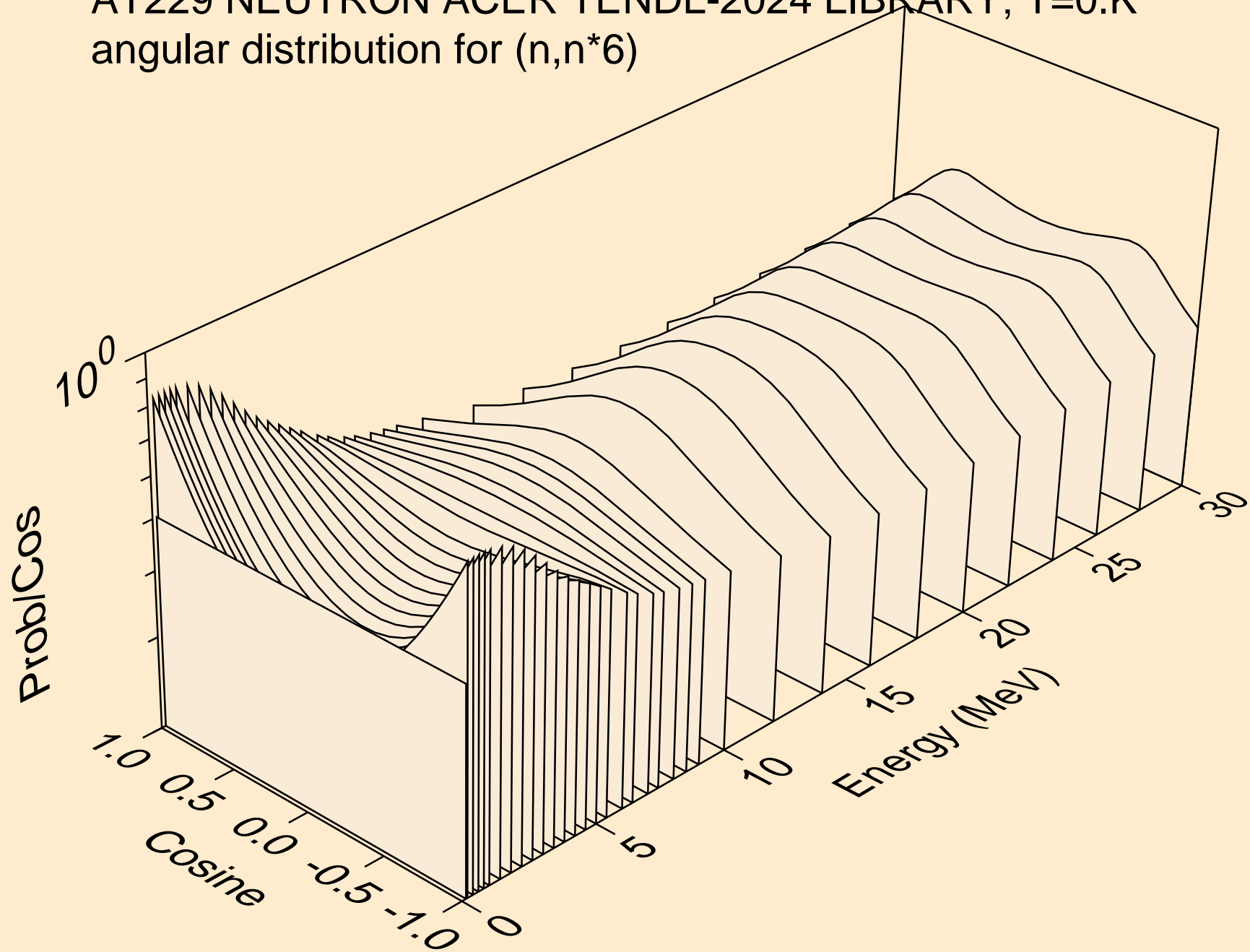
AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



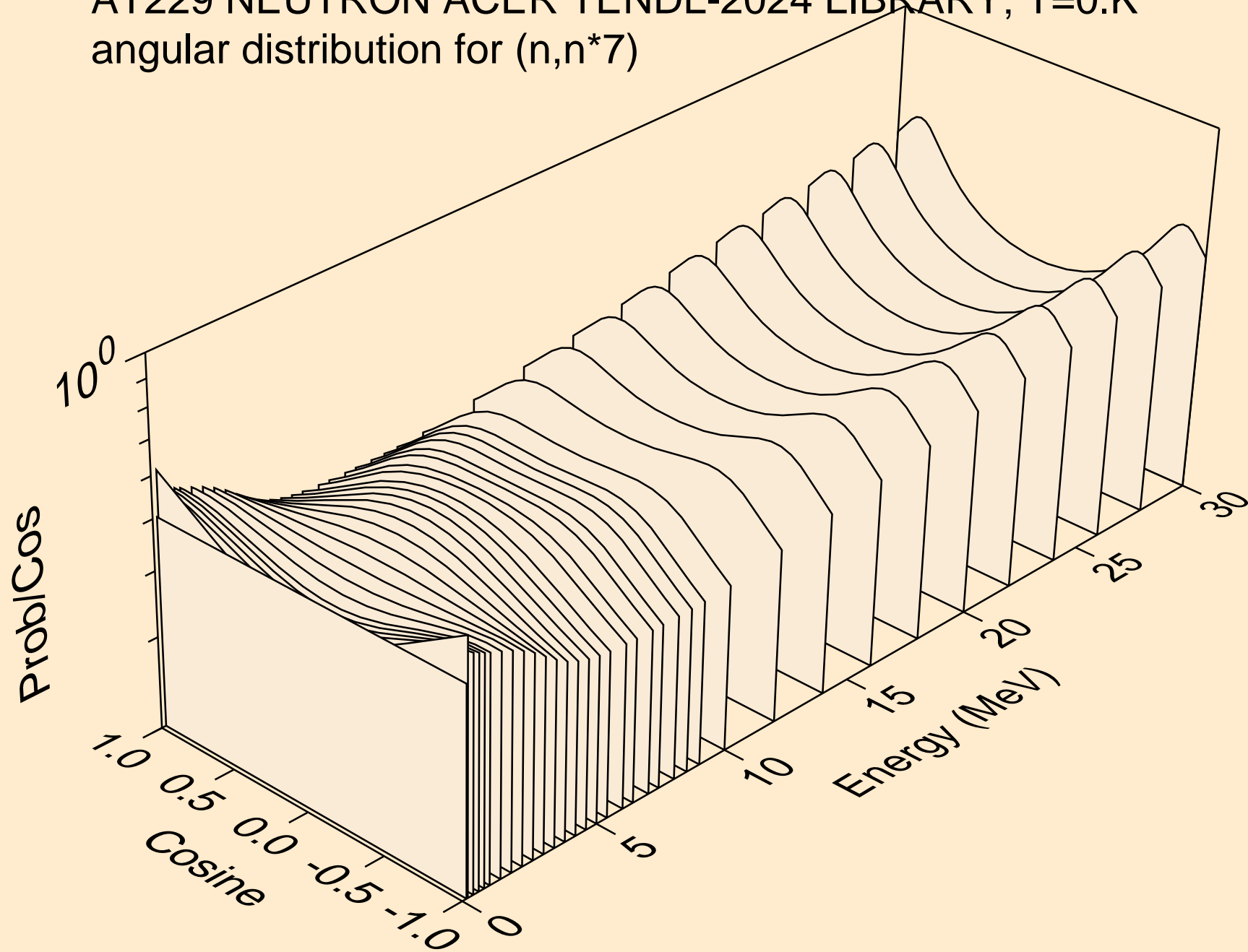
AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



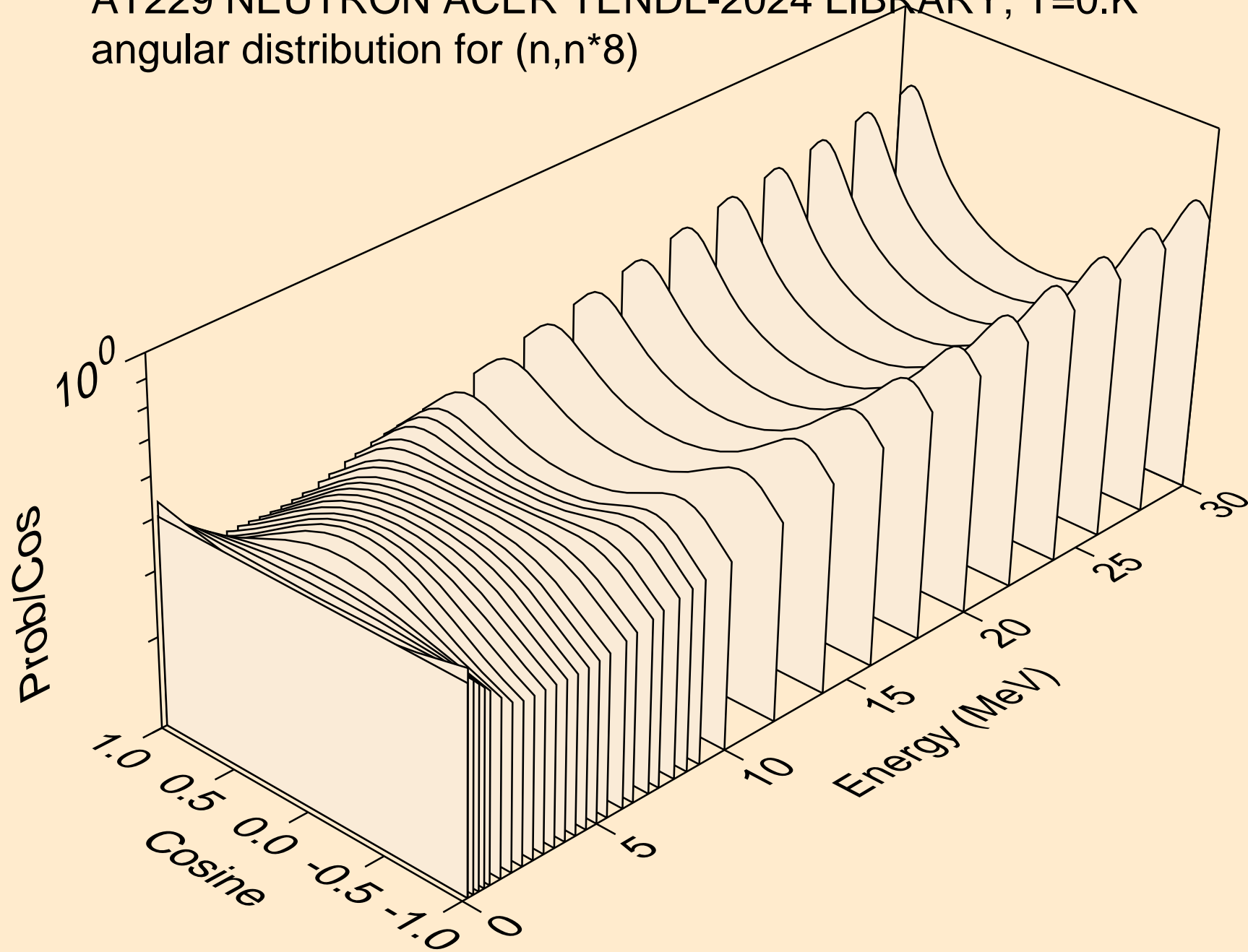
AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



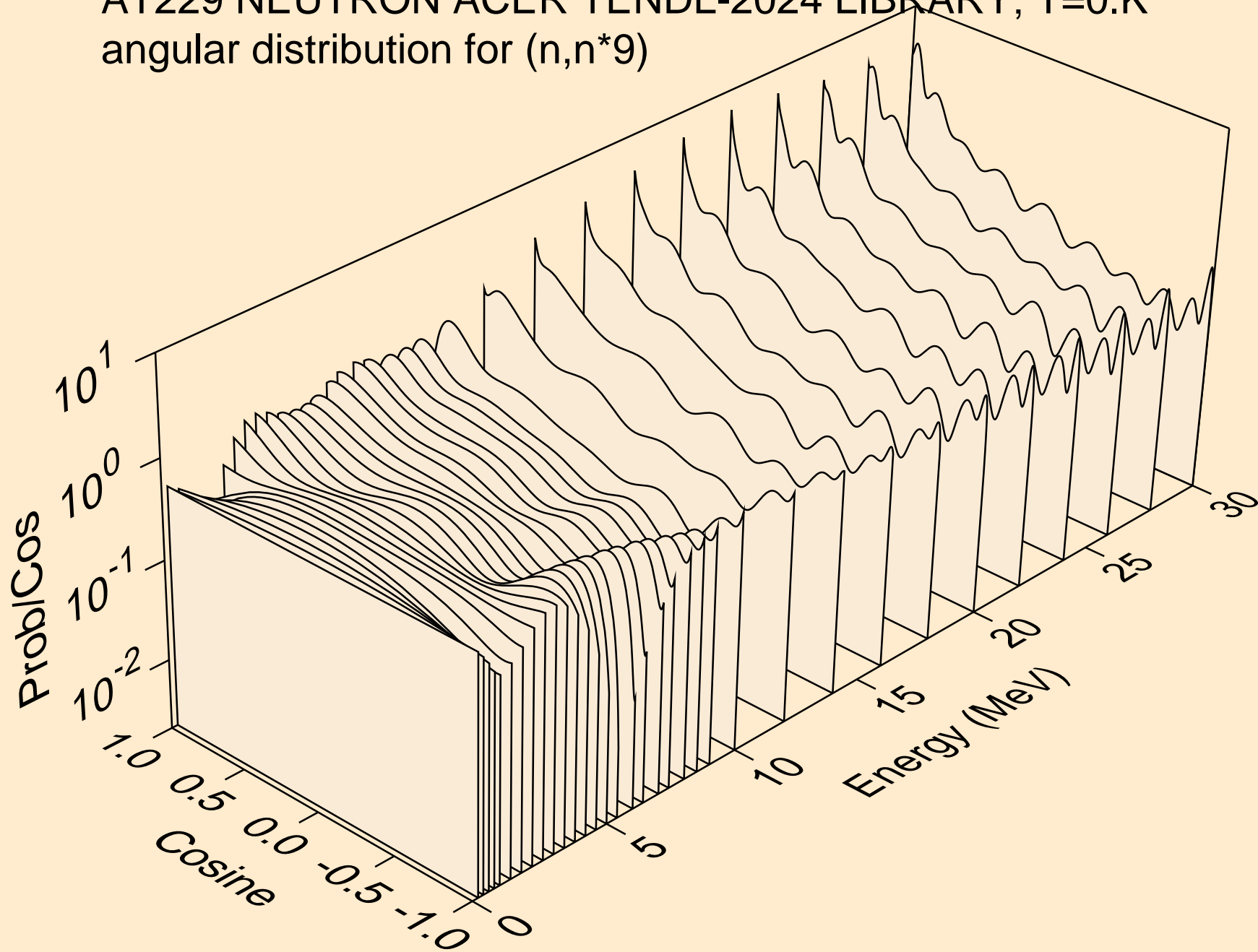
AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



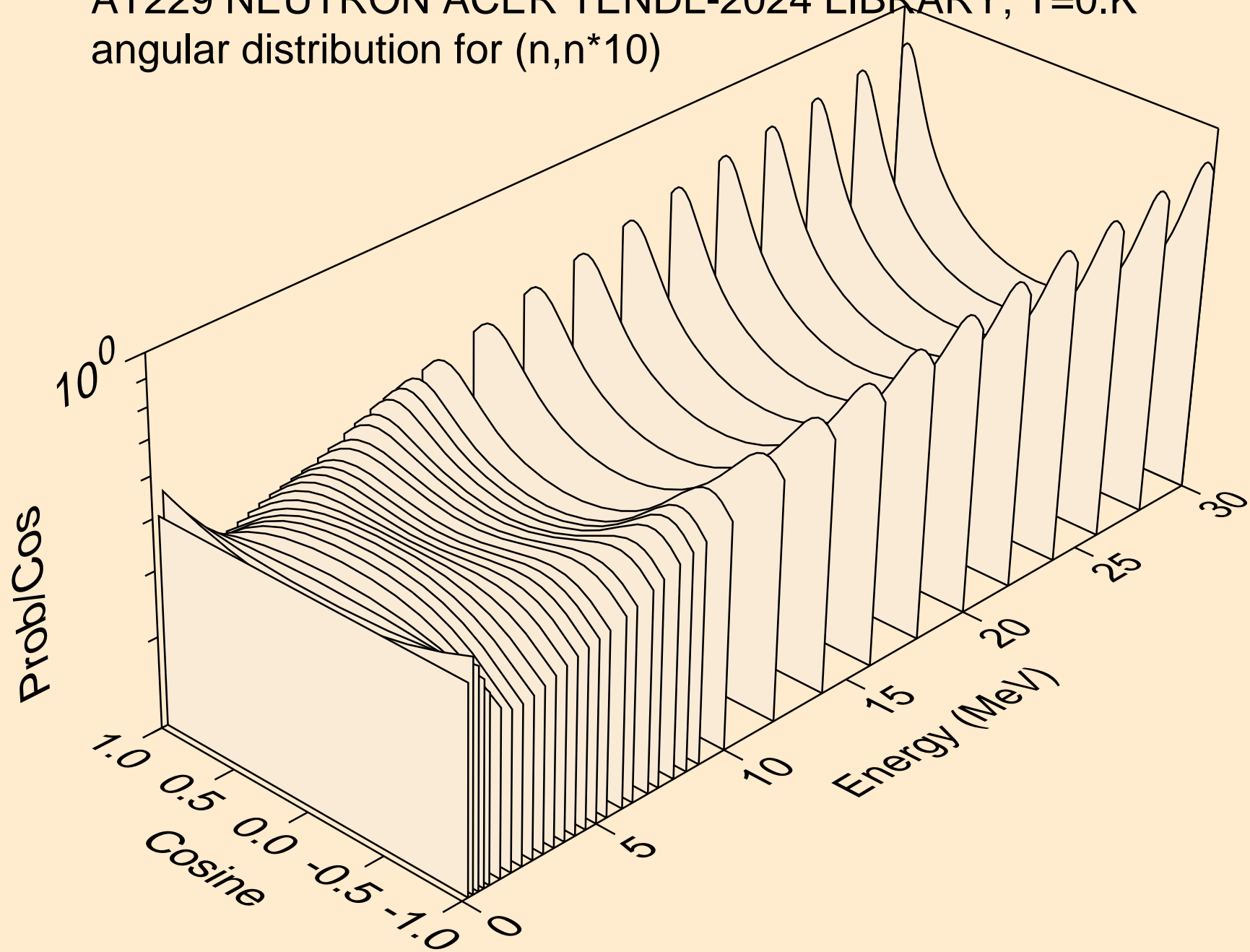
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angular distribution for (n,n\*8)



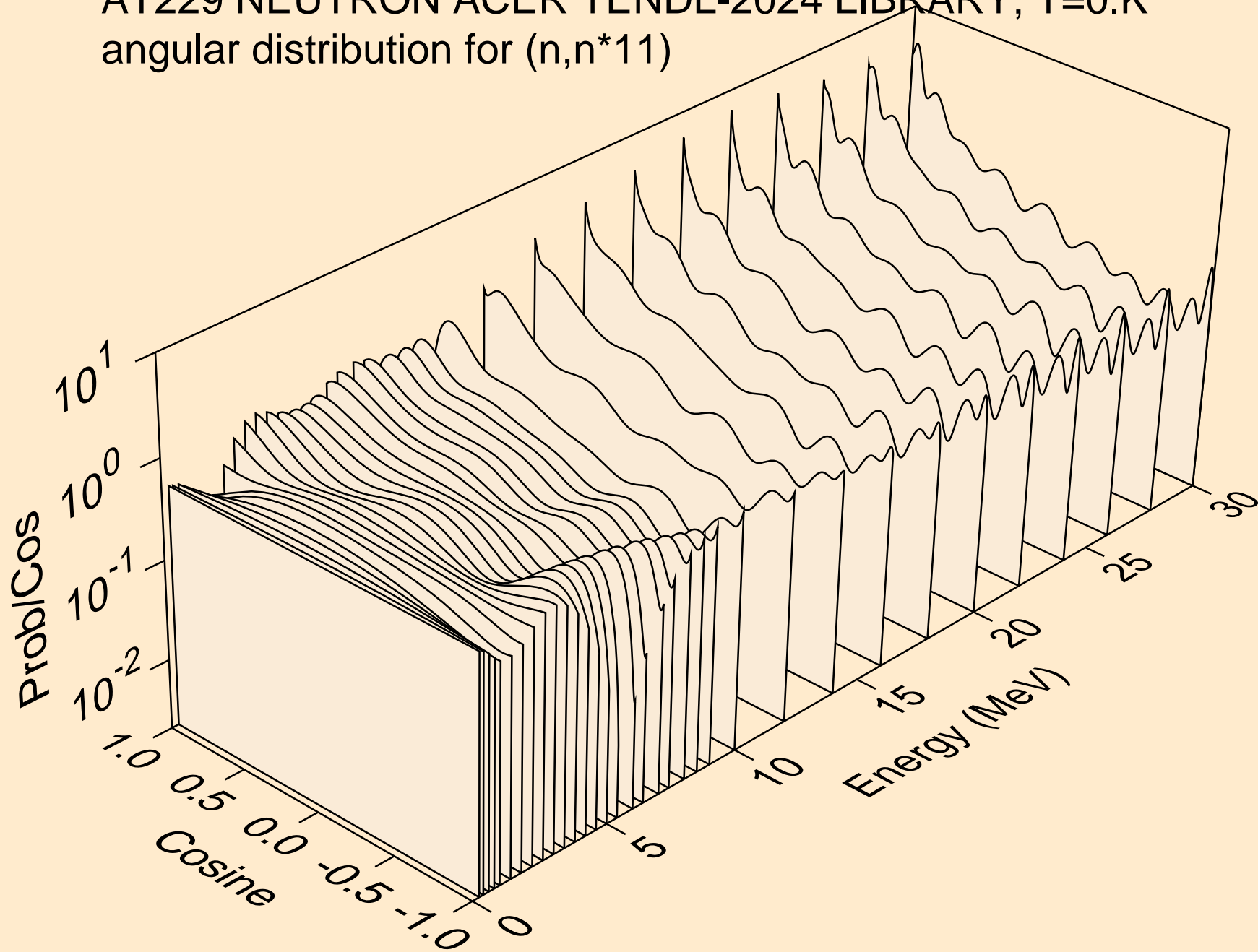
AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)

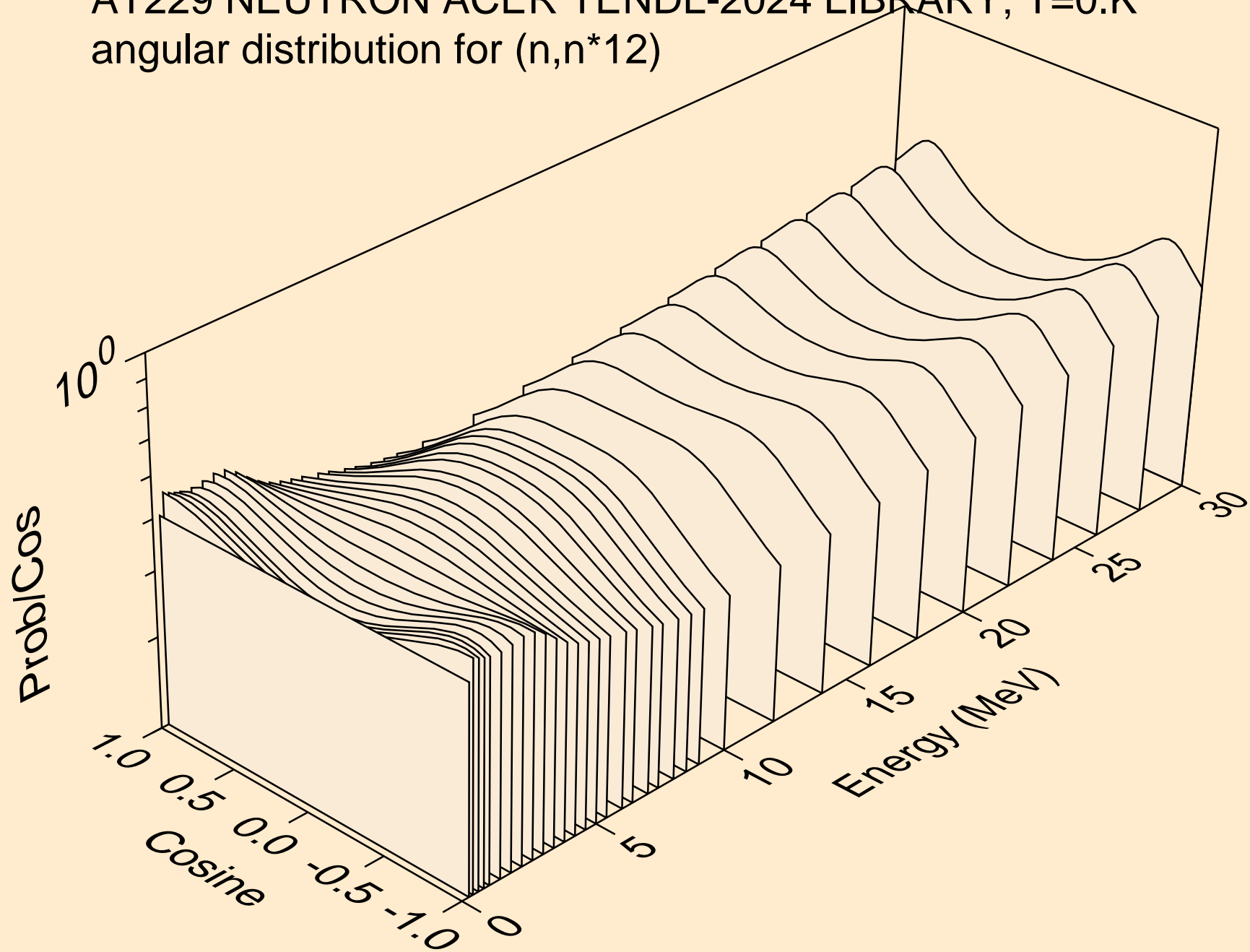


AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)

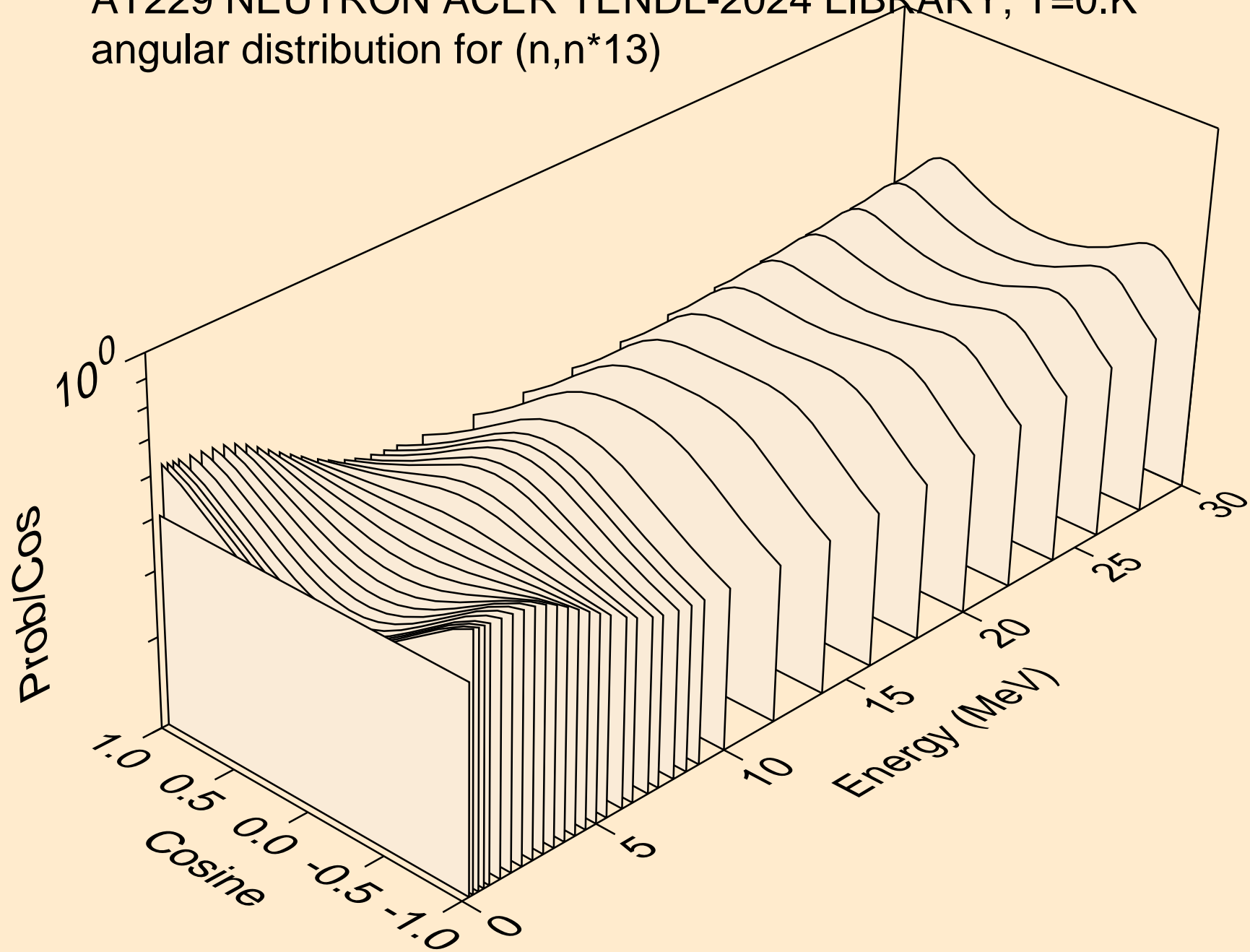




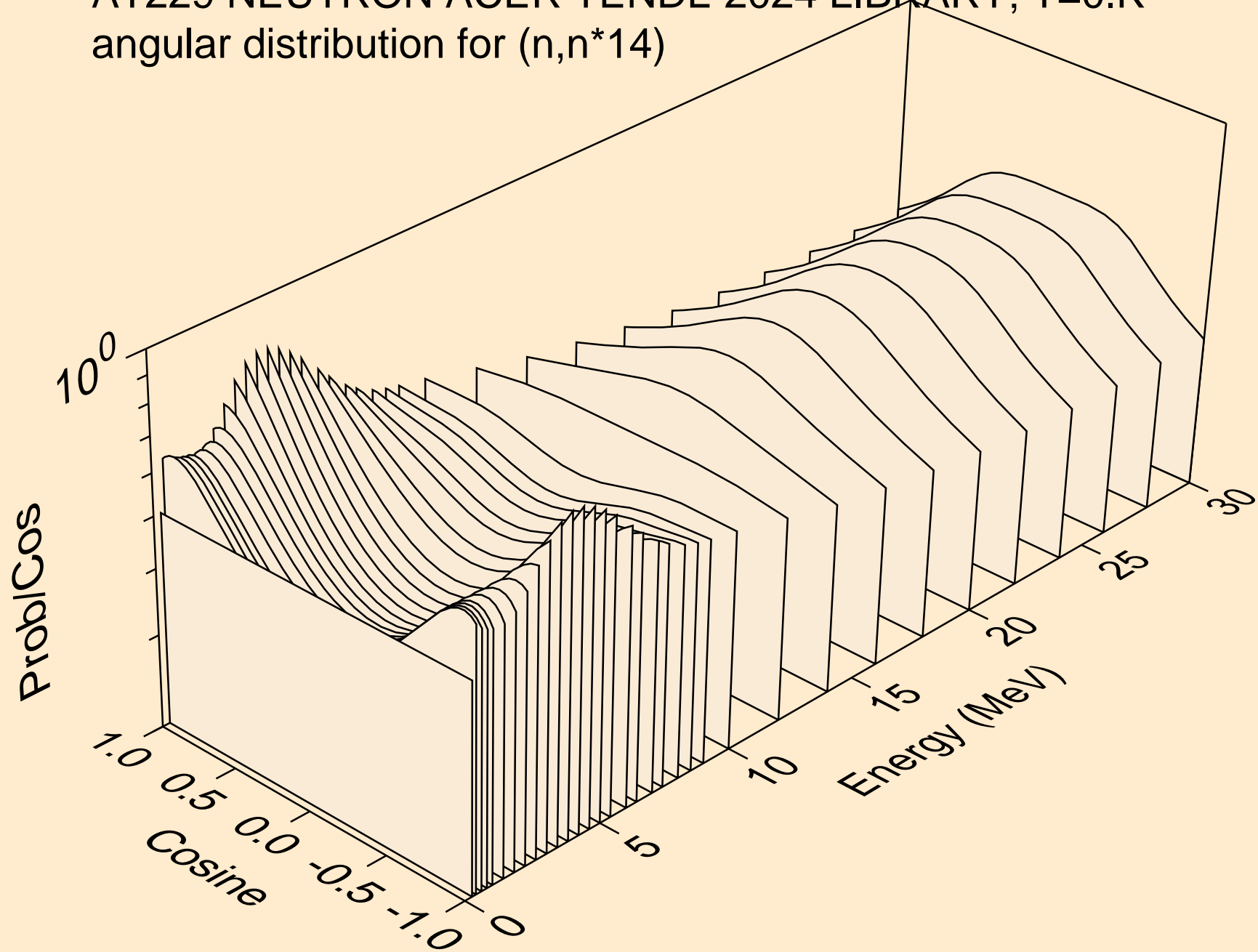
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angular distribution for (n,n\*12)



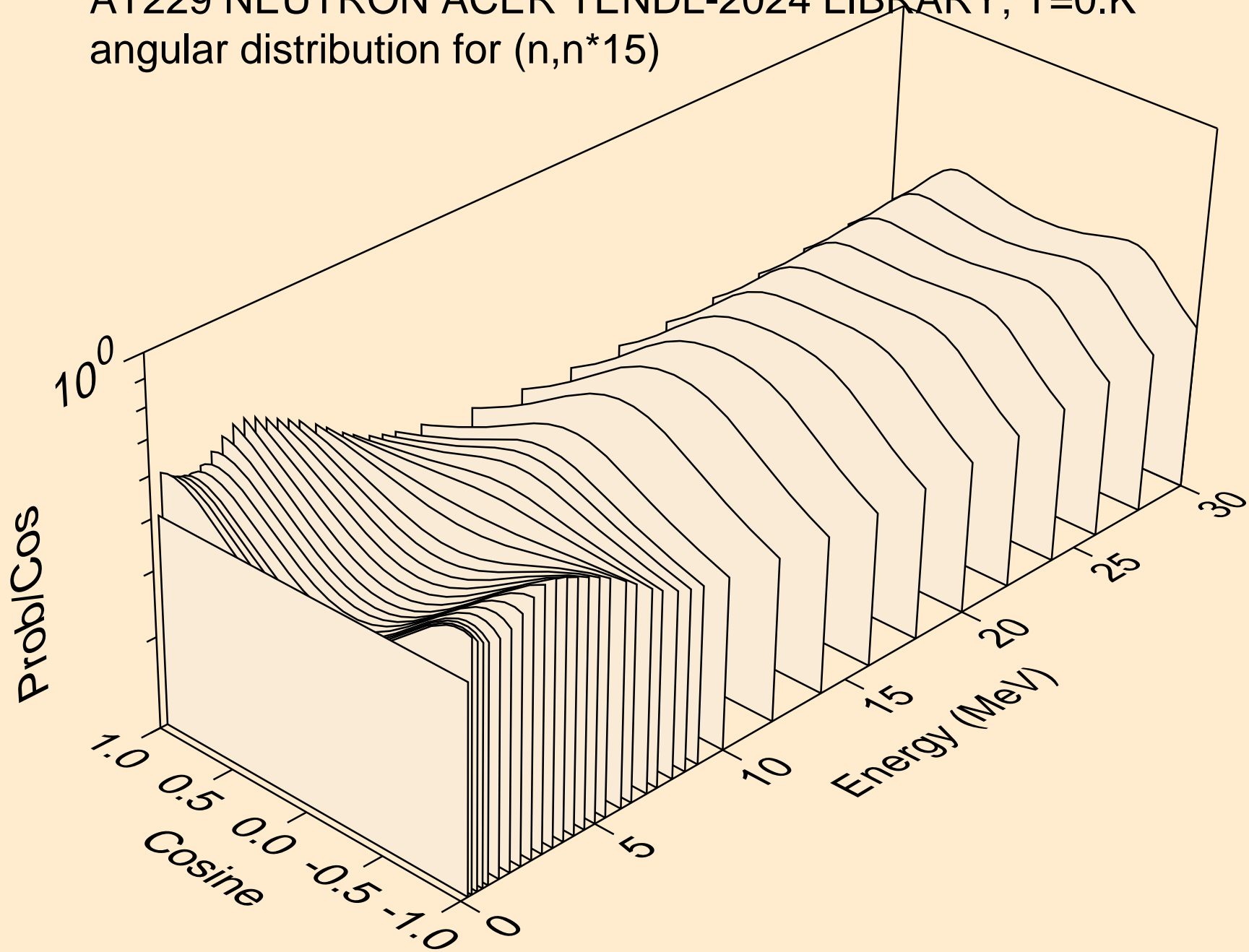
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angular distribution for (n,n\*13)



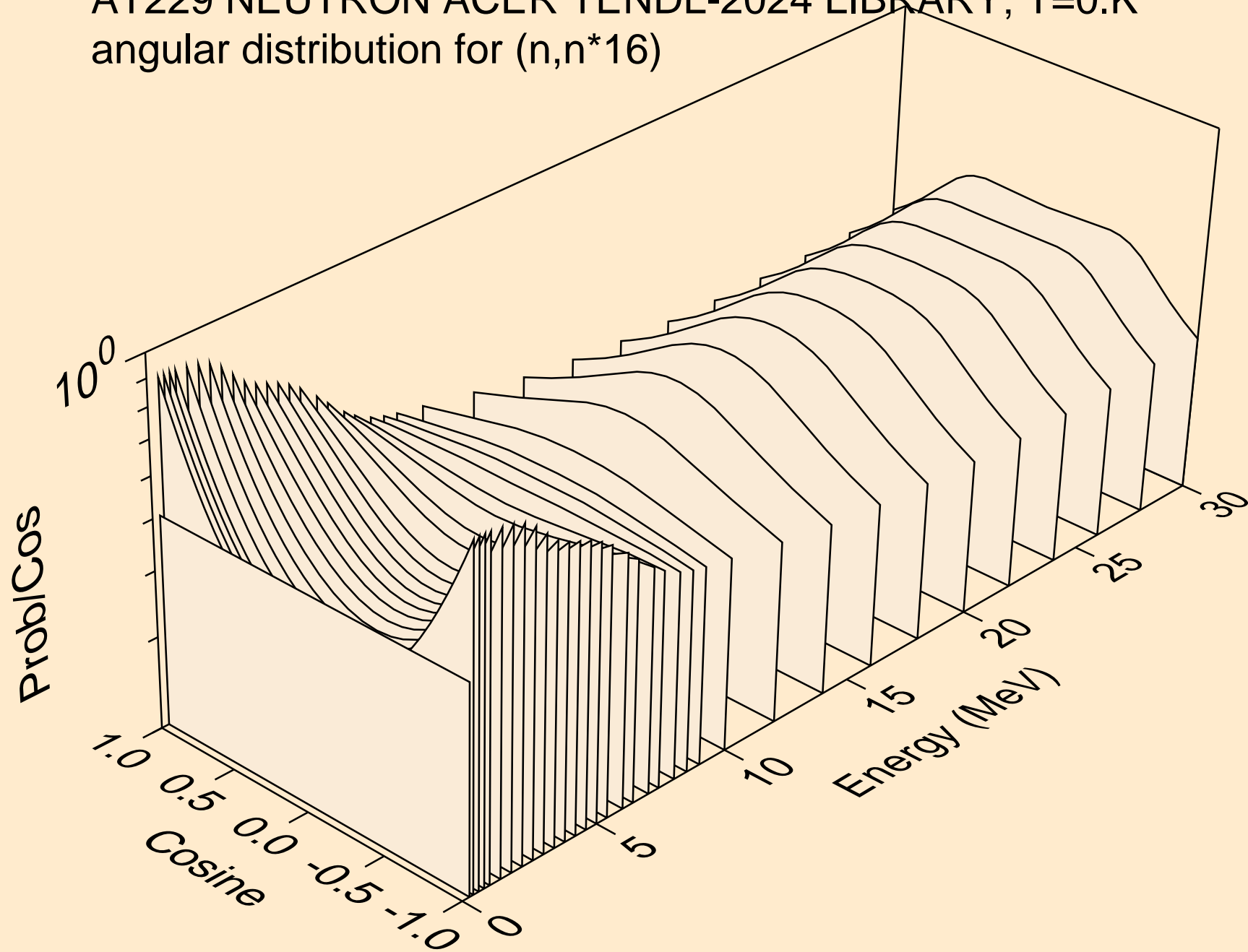
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angular distribution for (n,n\*14)



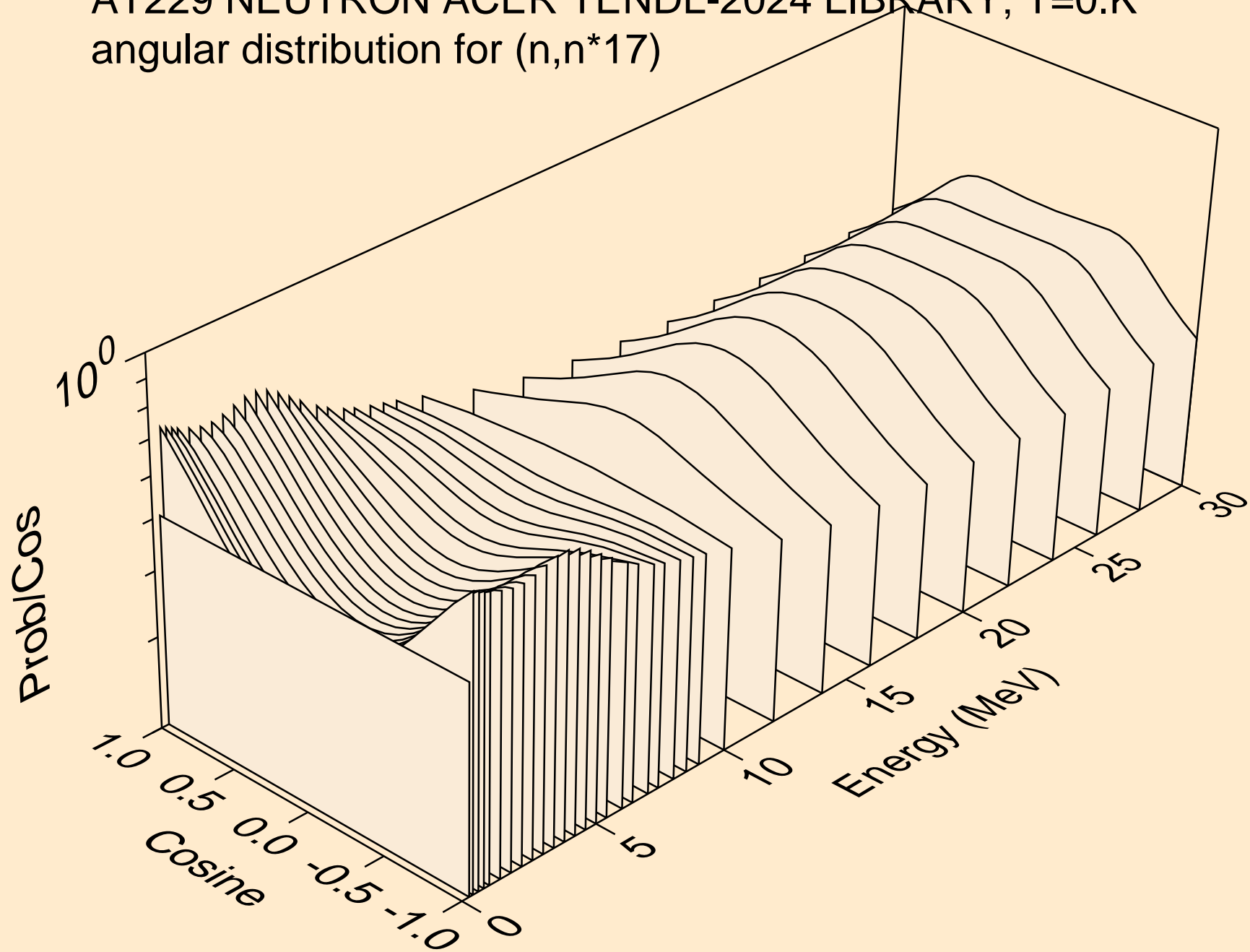
AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



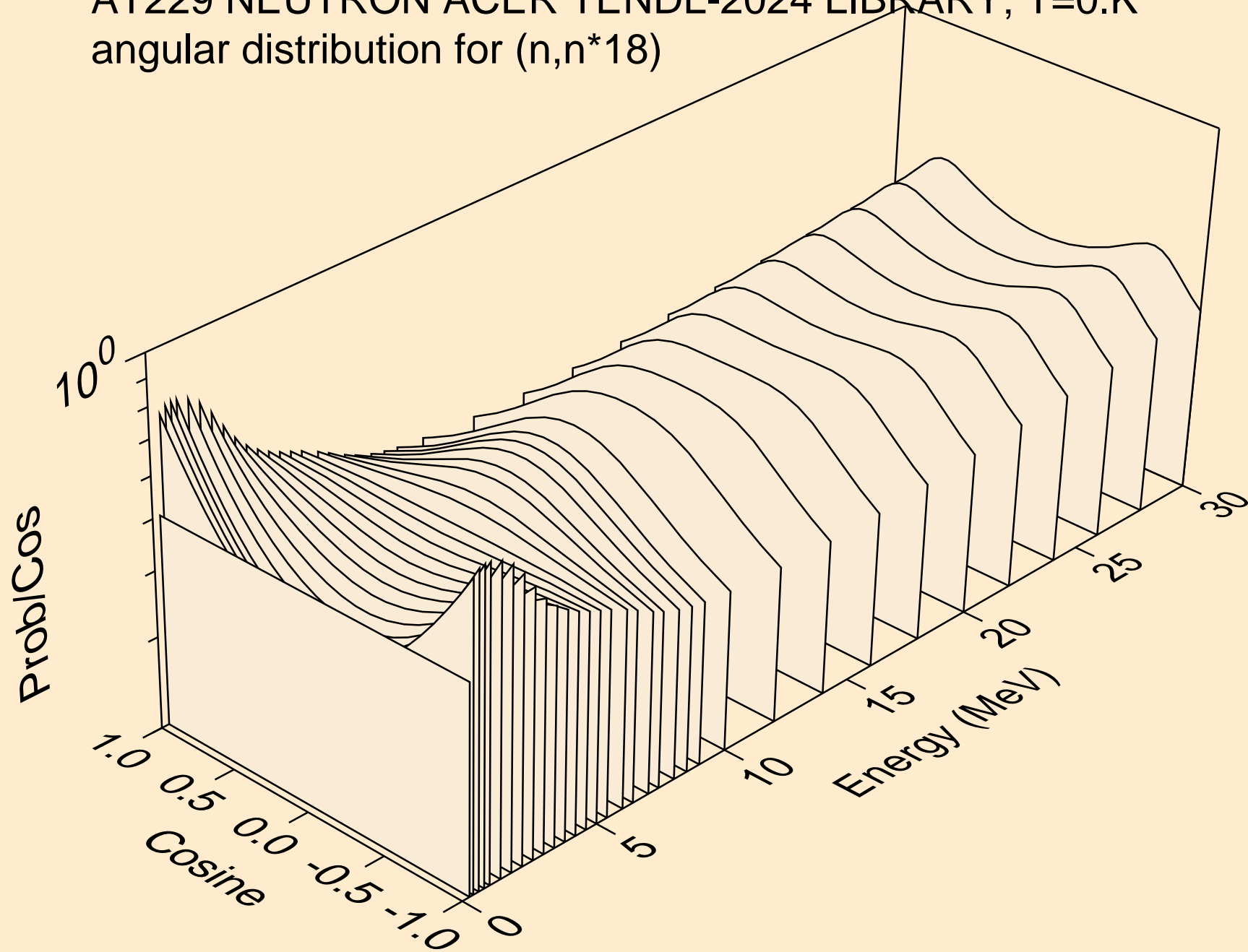
AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



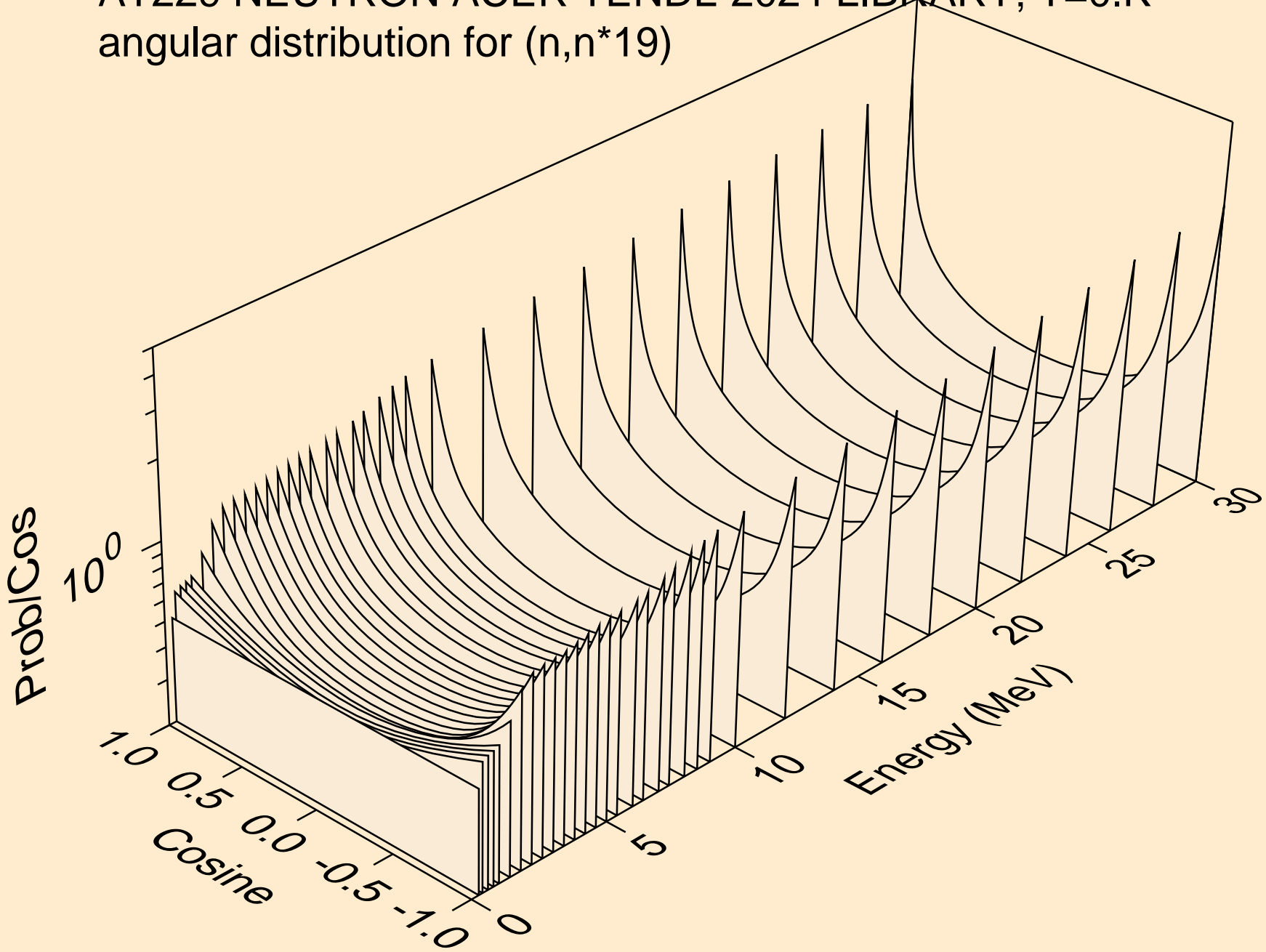
AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)

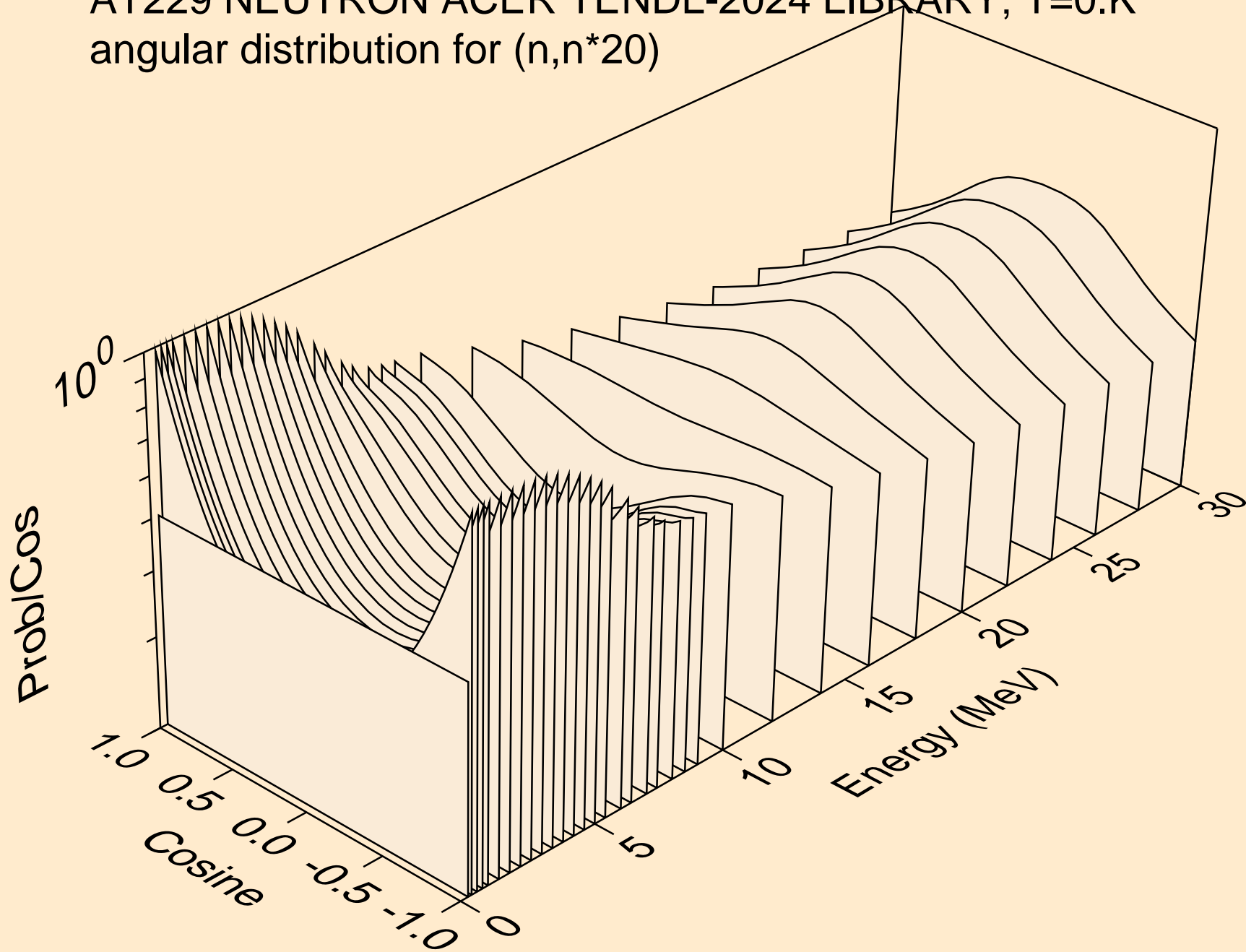


AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*19)

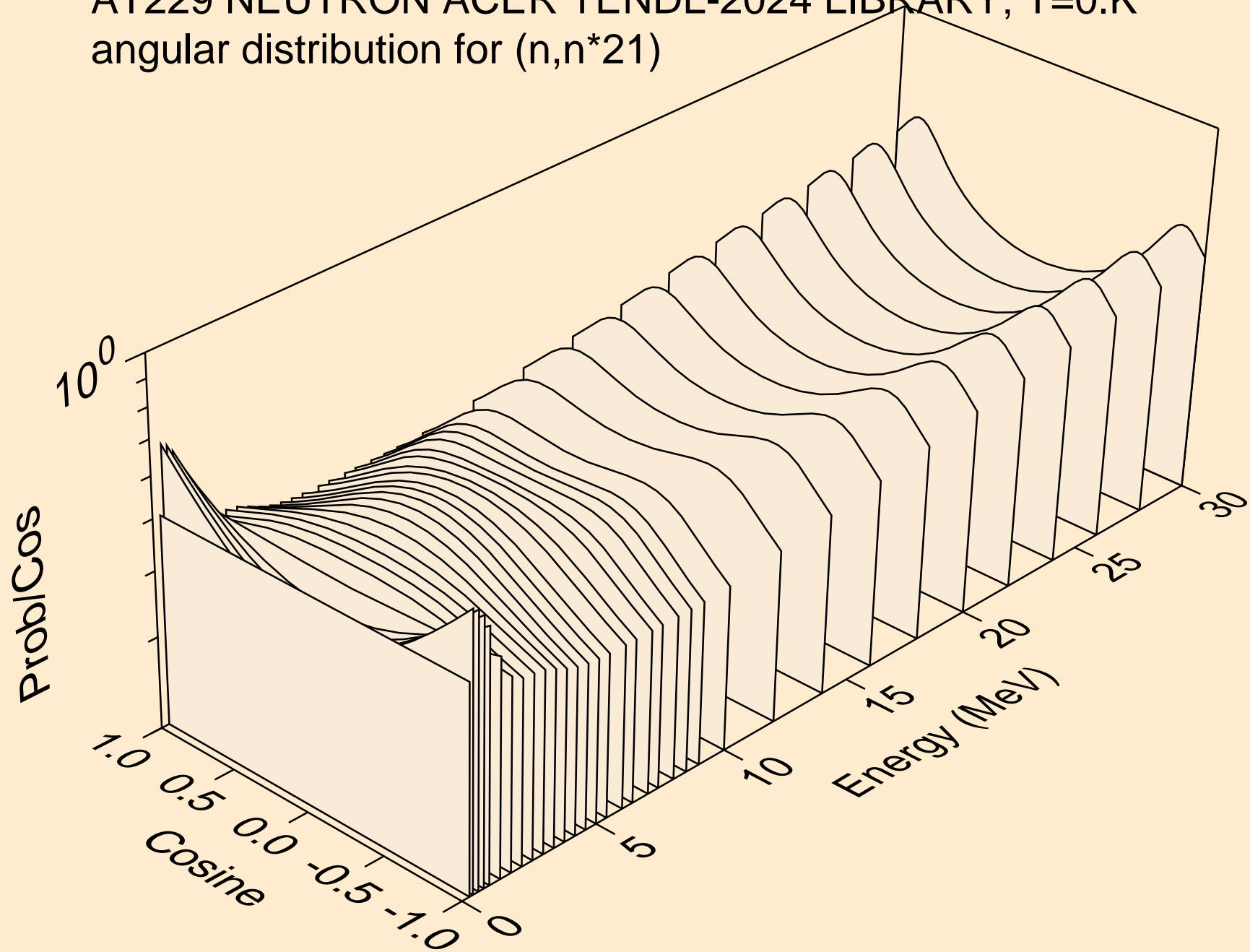




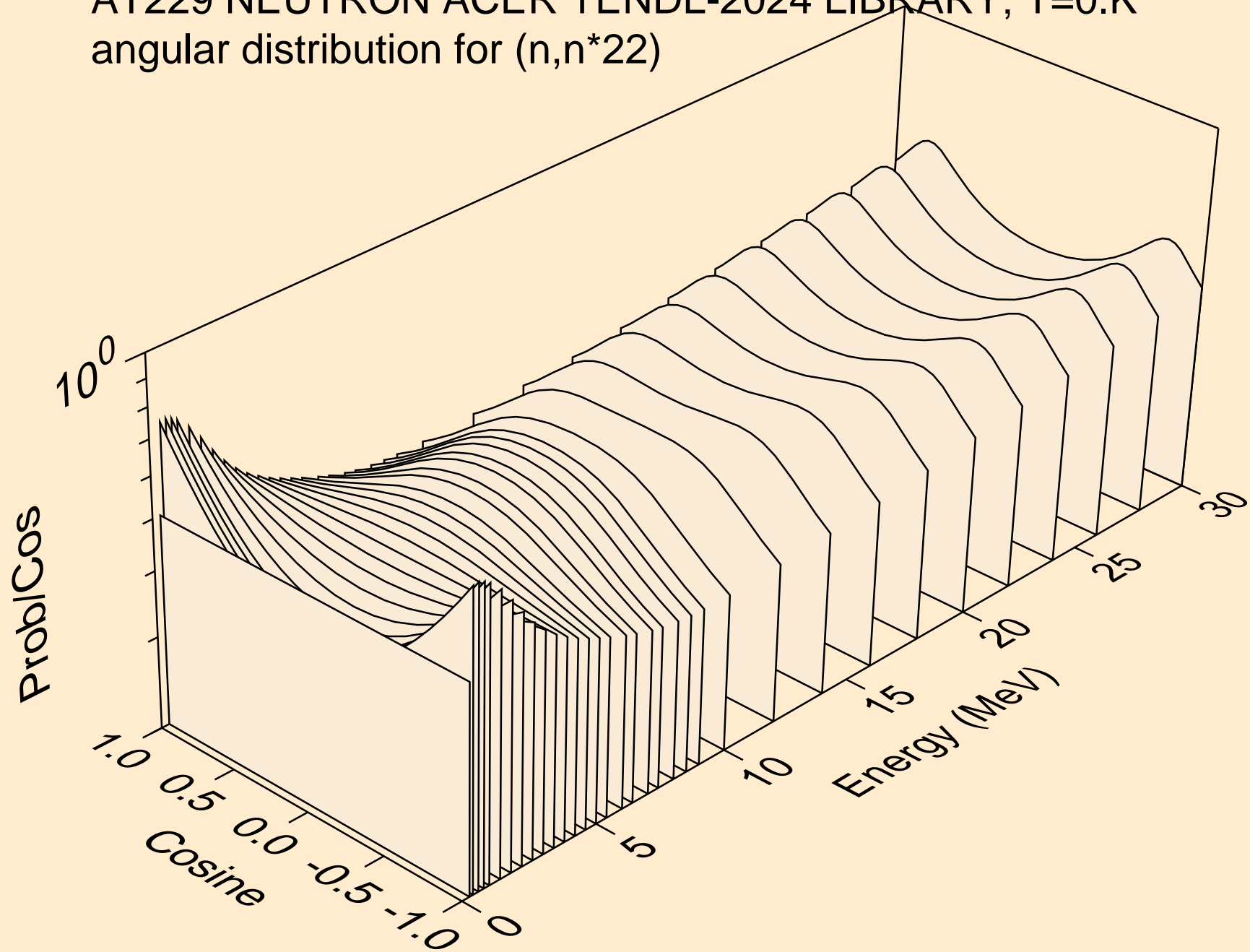
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angular distribution for (n,n\*20)



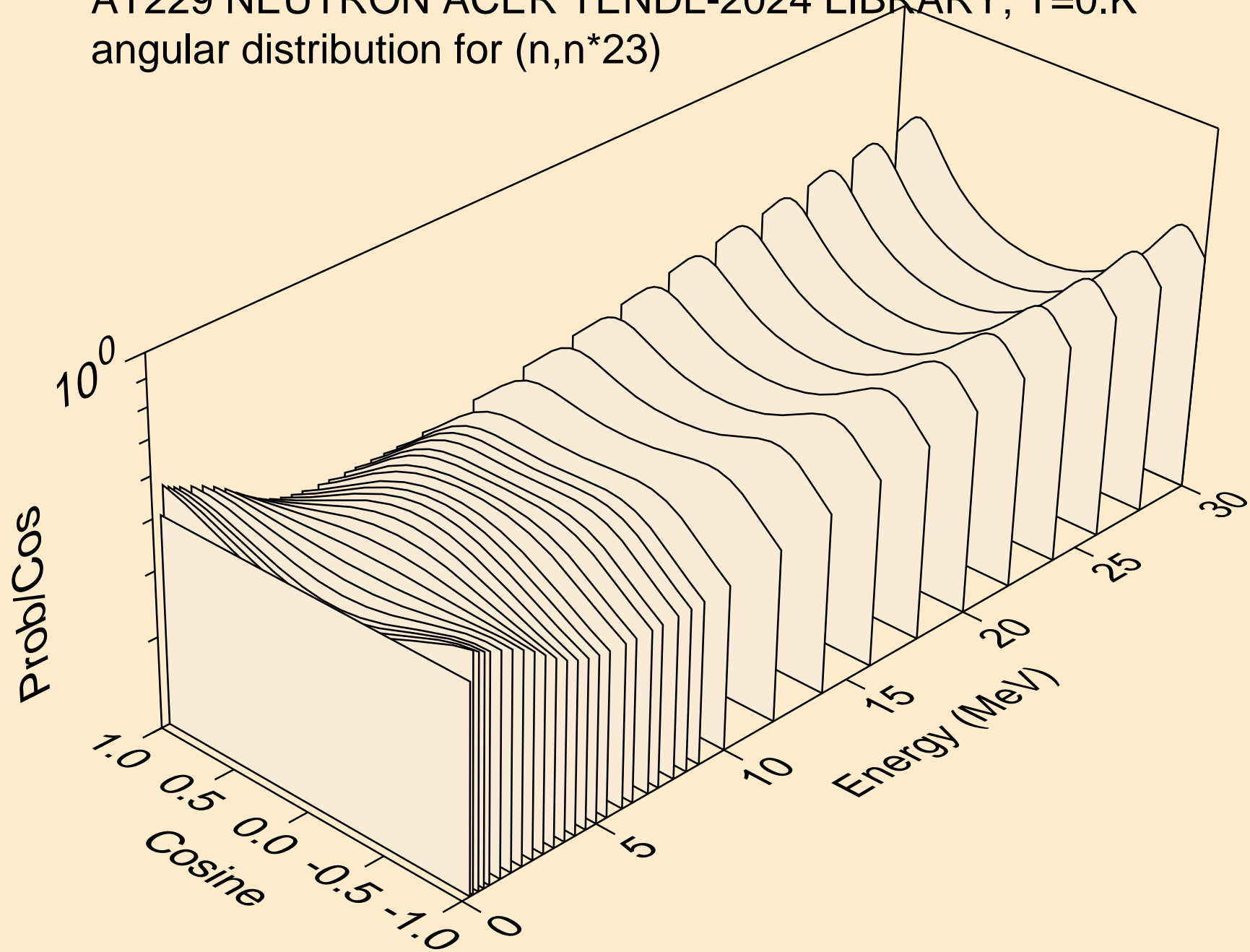
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angular distribution for (n,n\*21)



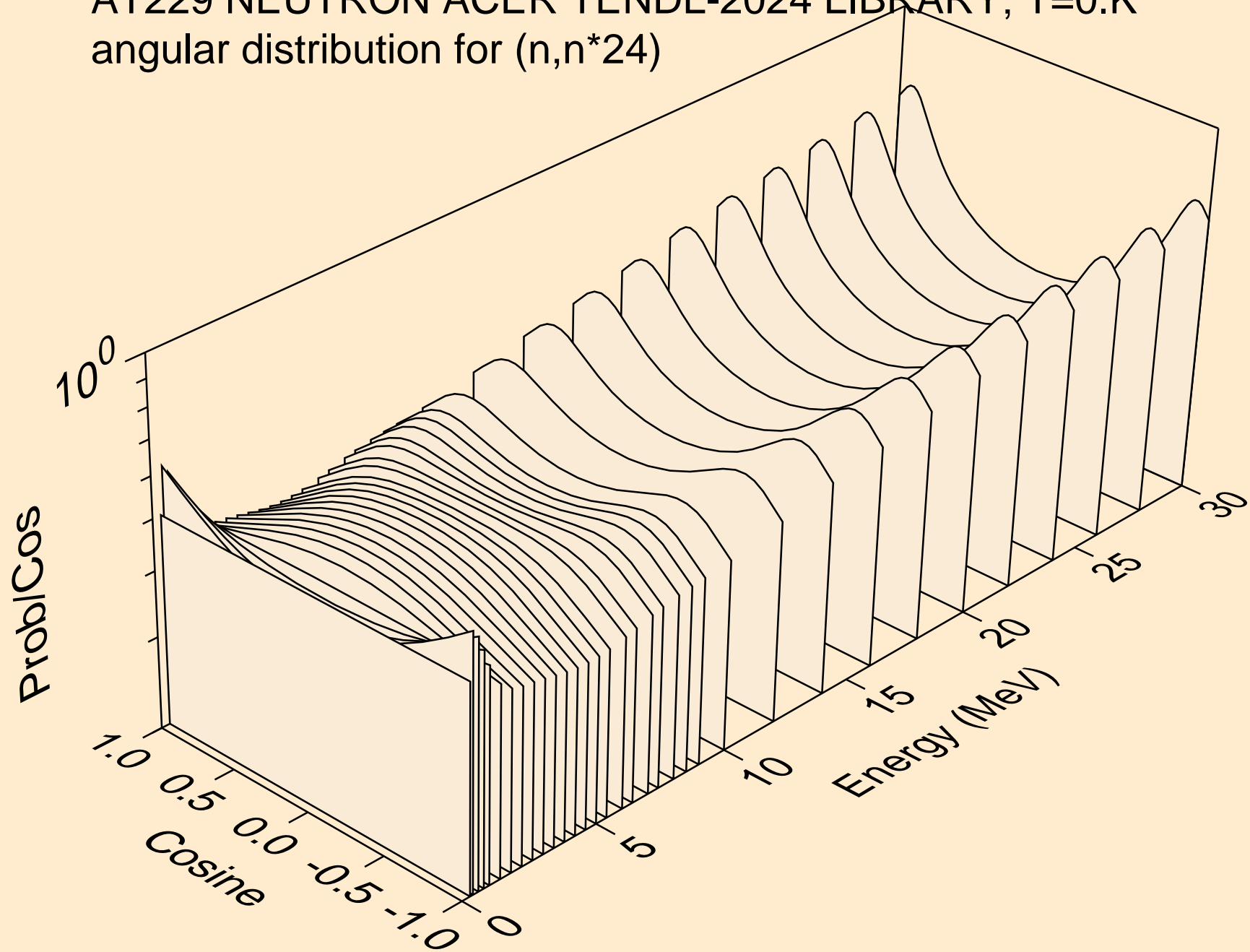
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angular distribution for (n,n\*22)



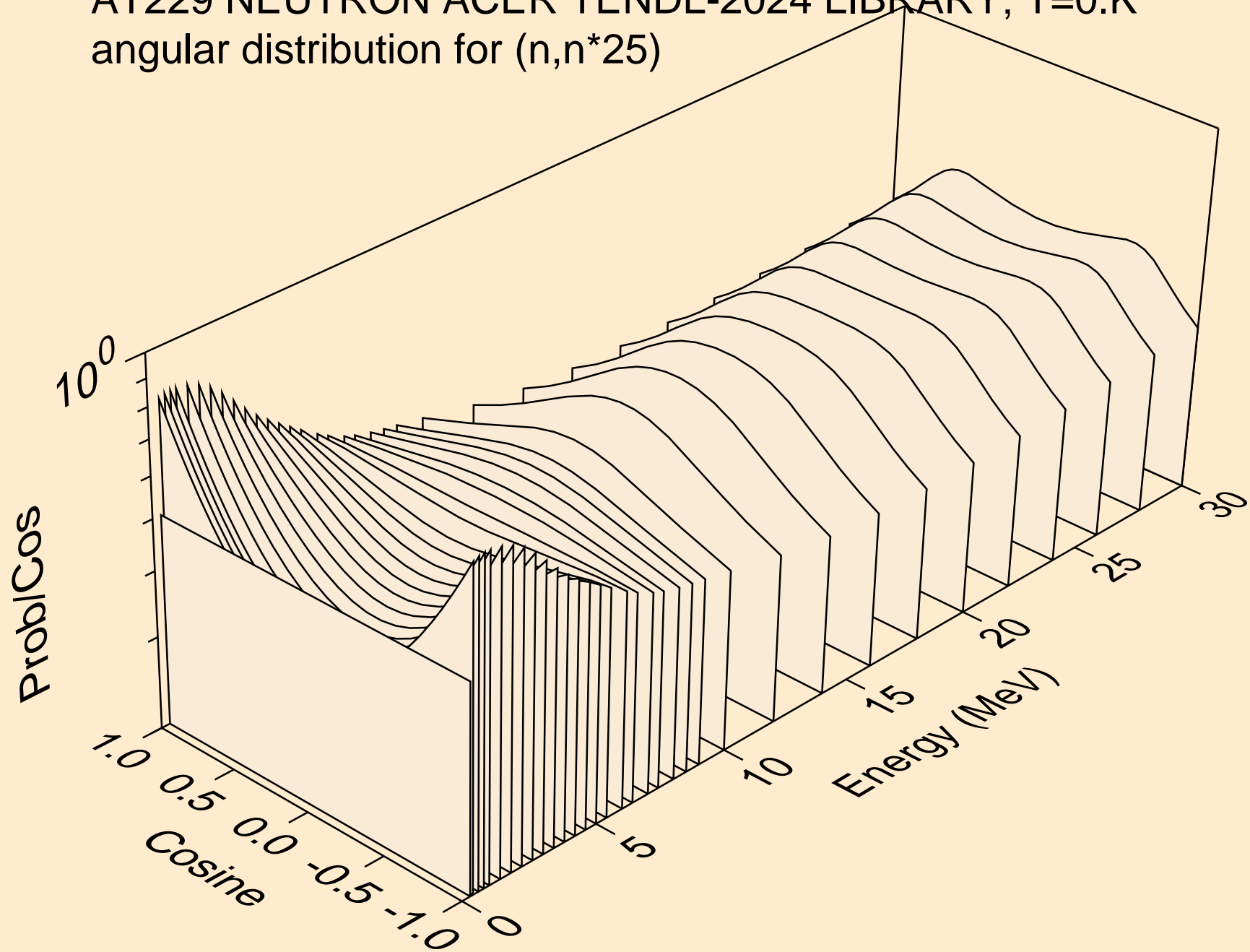
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angular distribution for (n,n\*23)



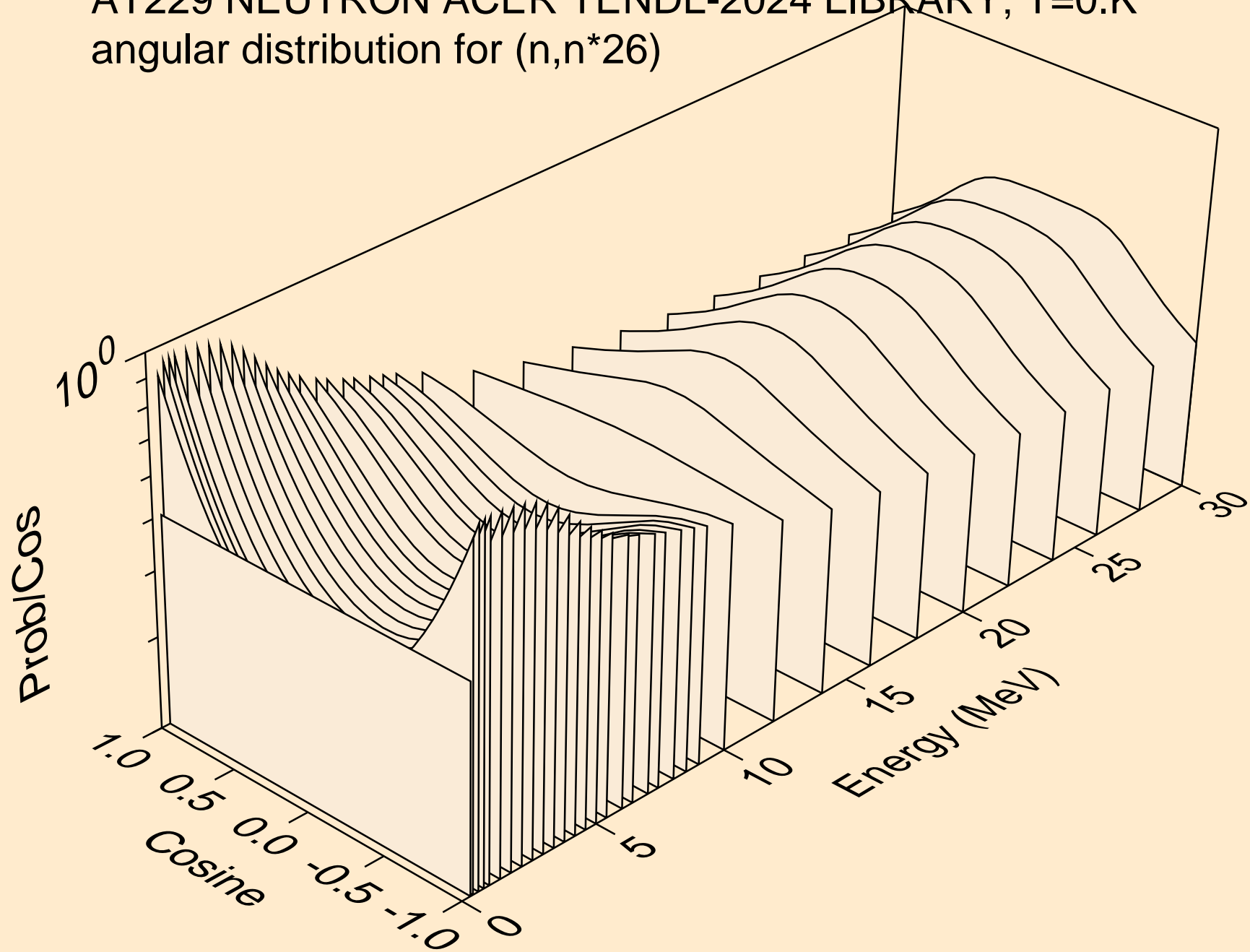
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angular distribution for (n,n\*24)



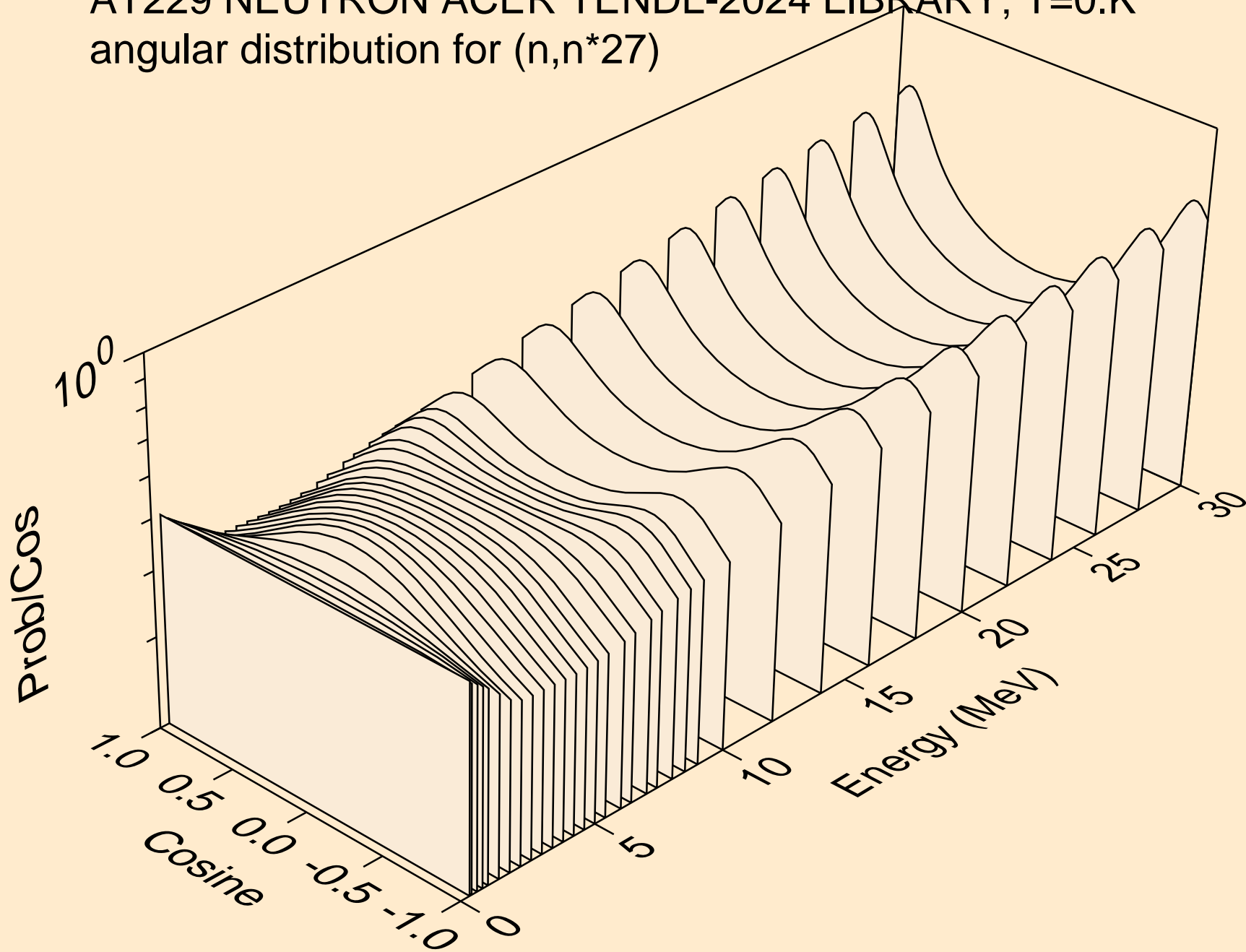
AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)

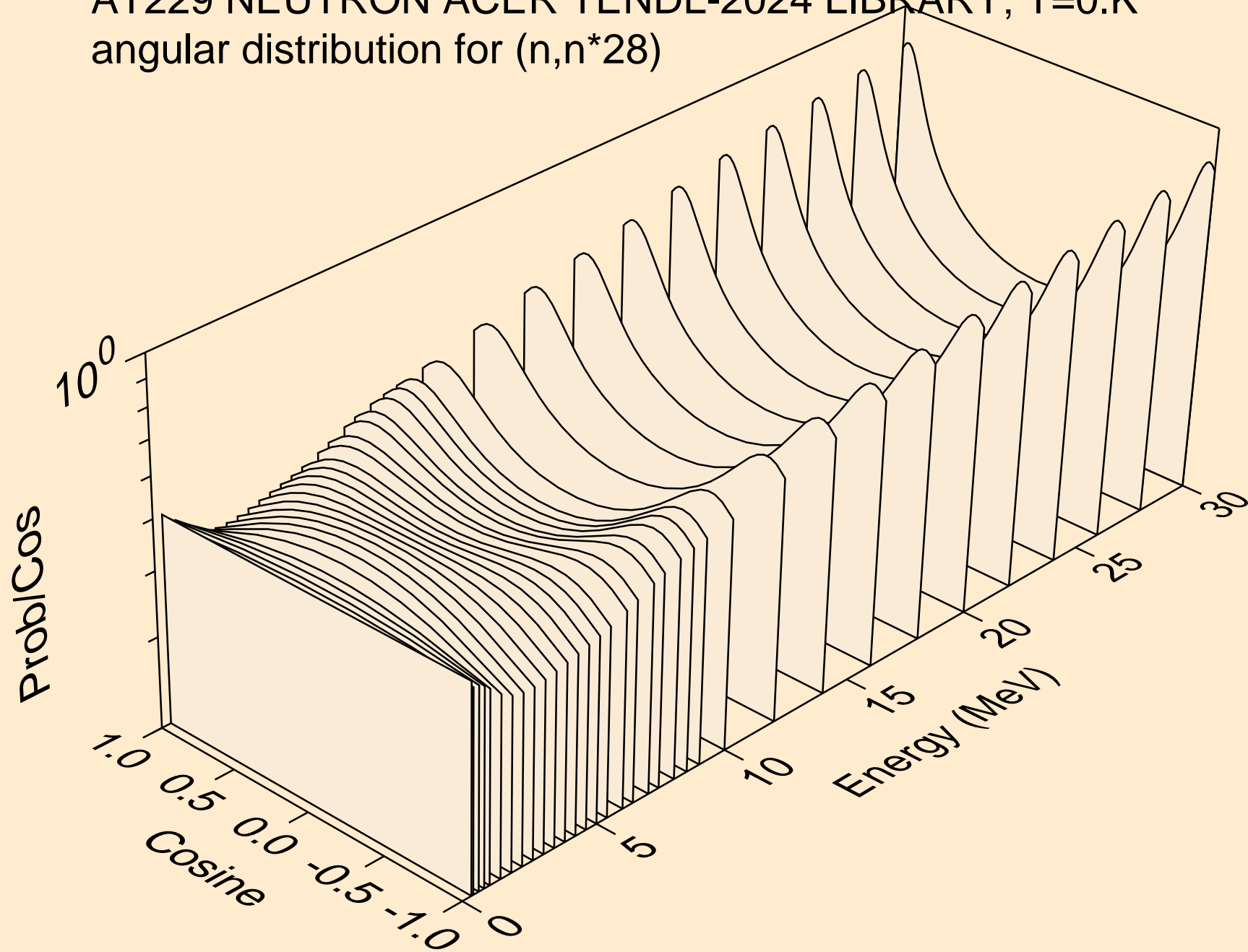


AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)

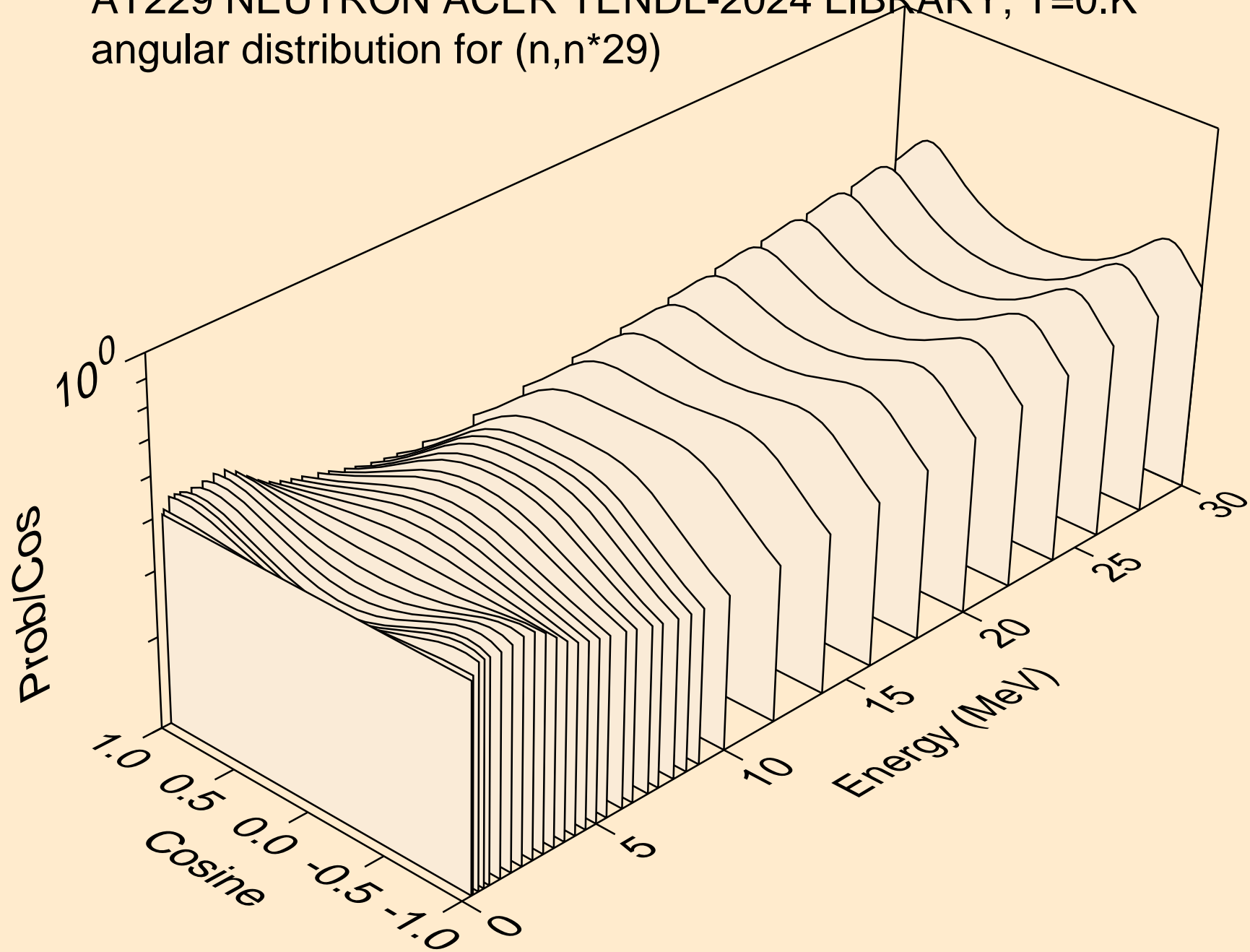




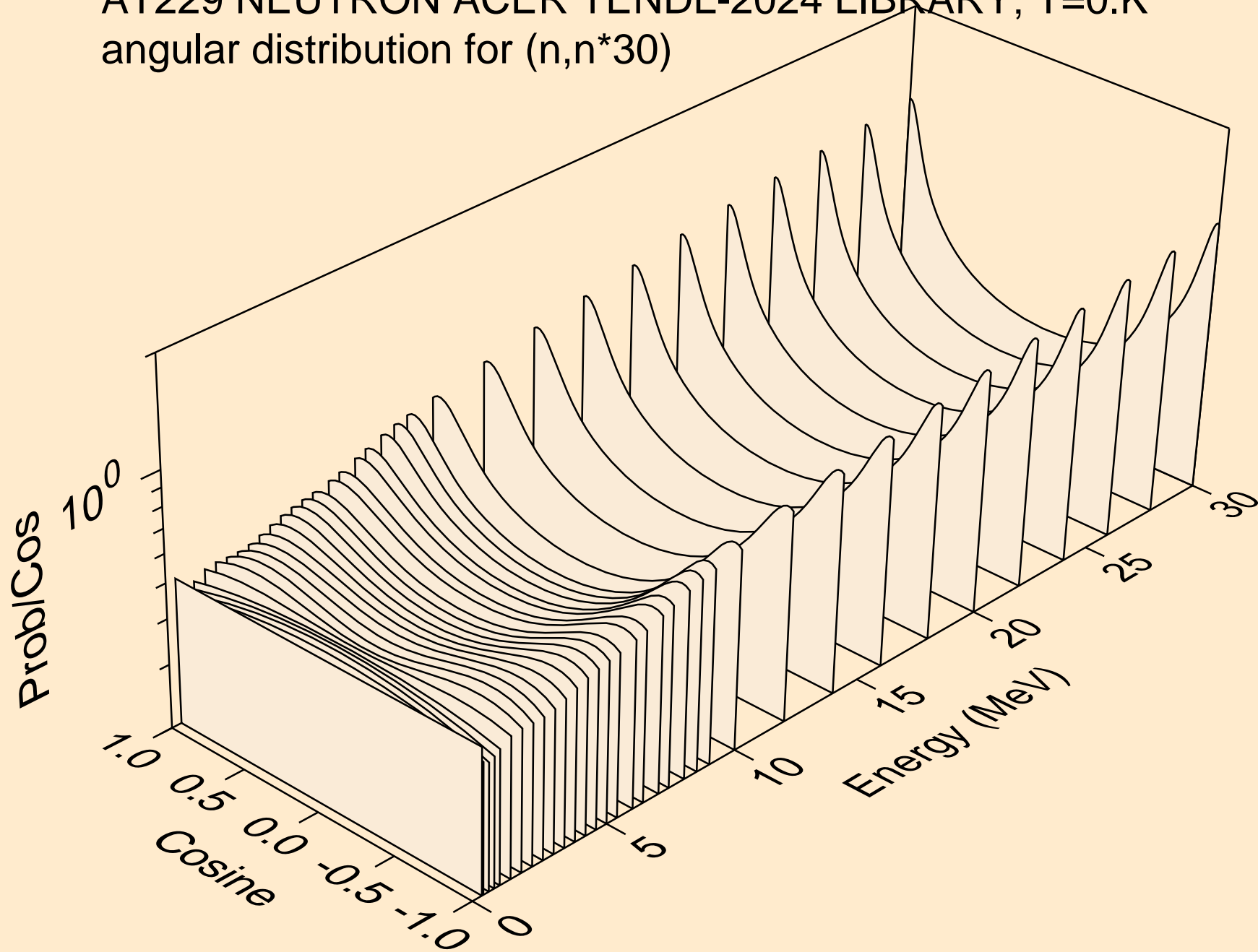
AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*28)



AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*29)

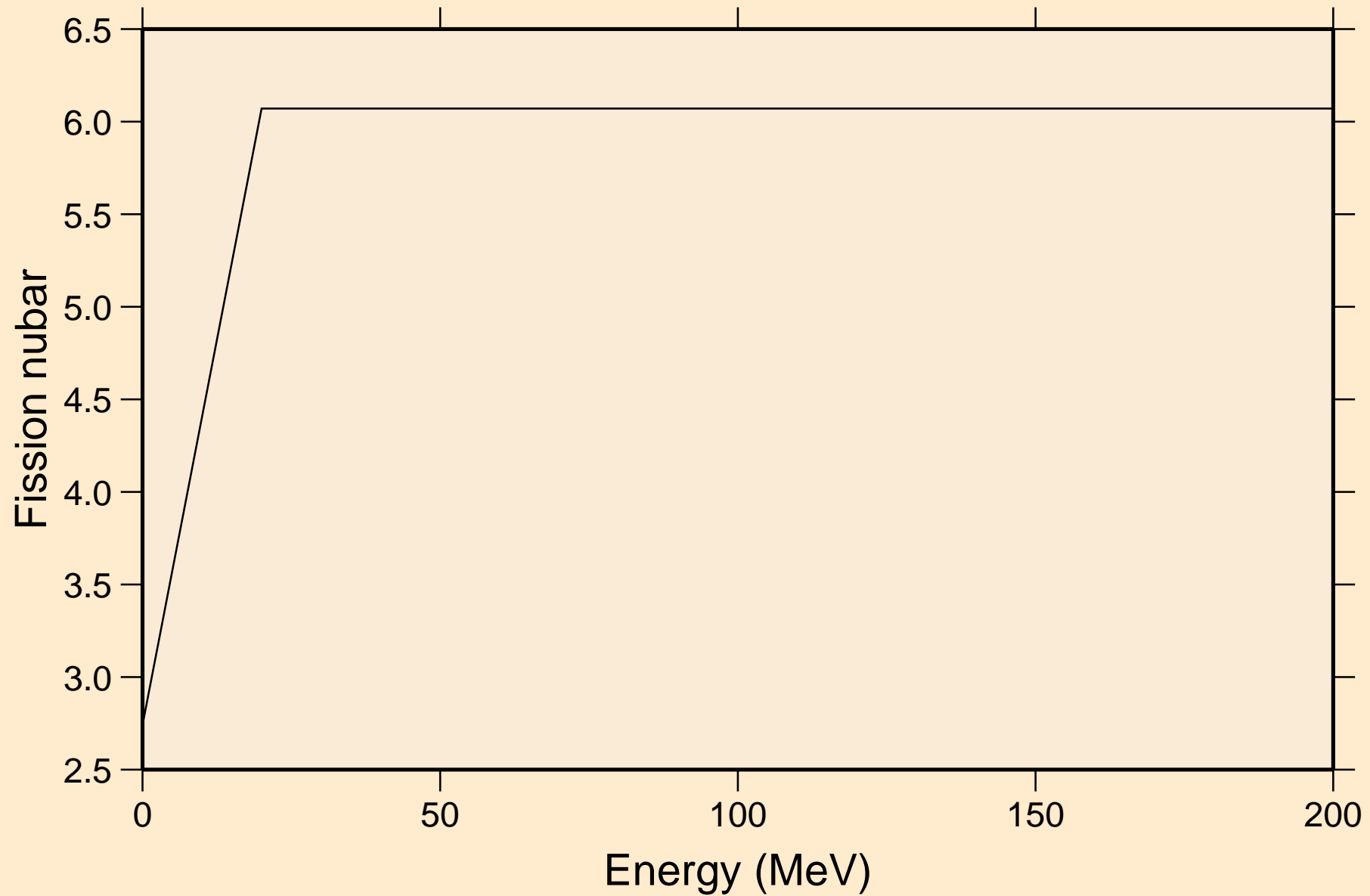


AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*30)

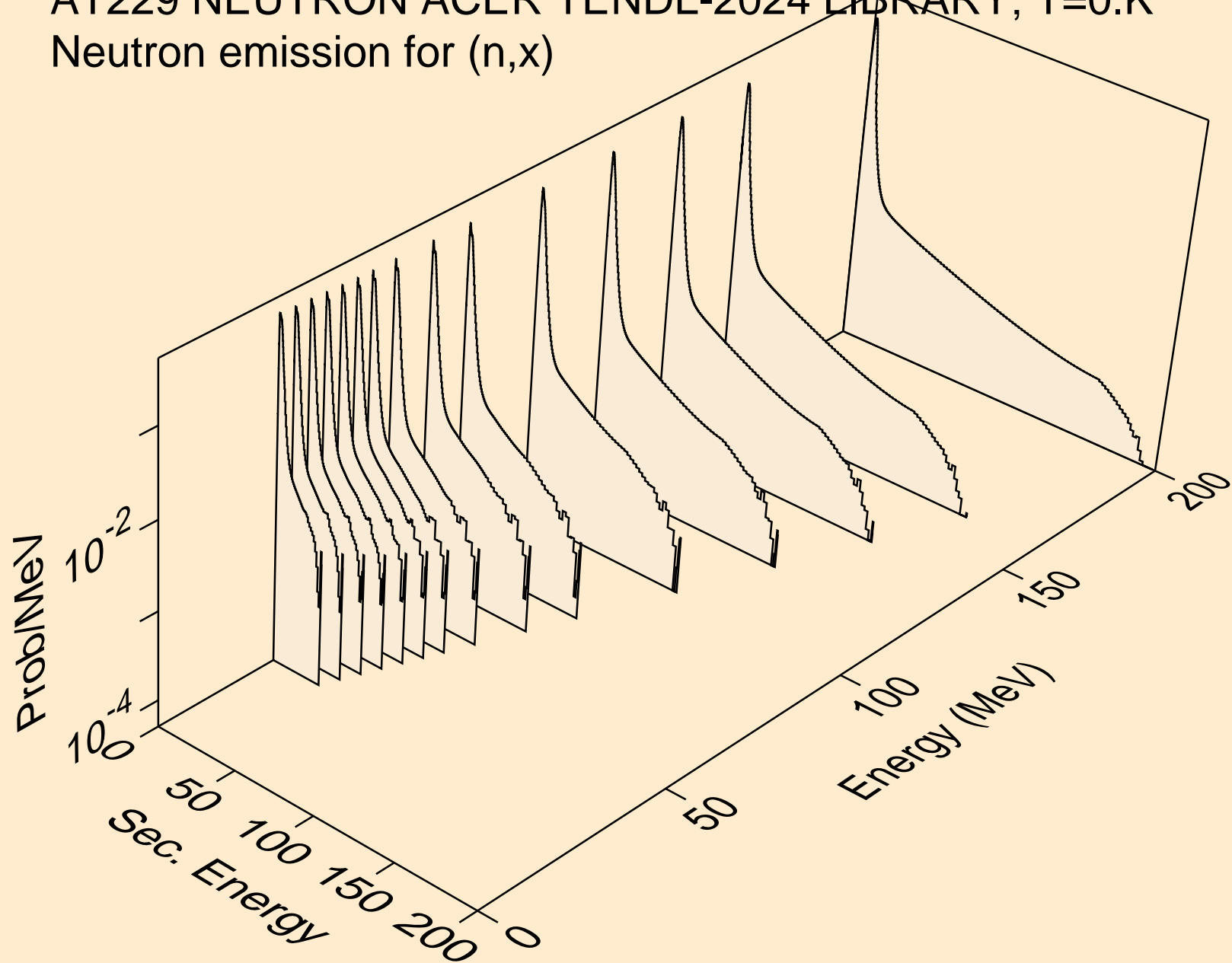


AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

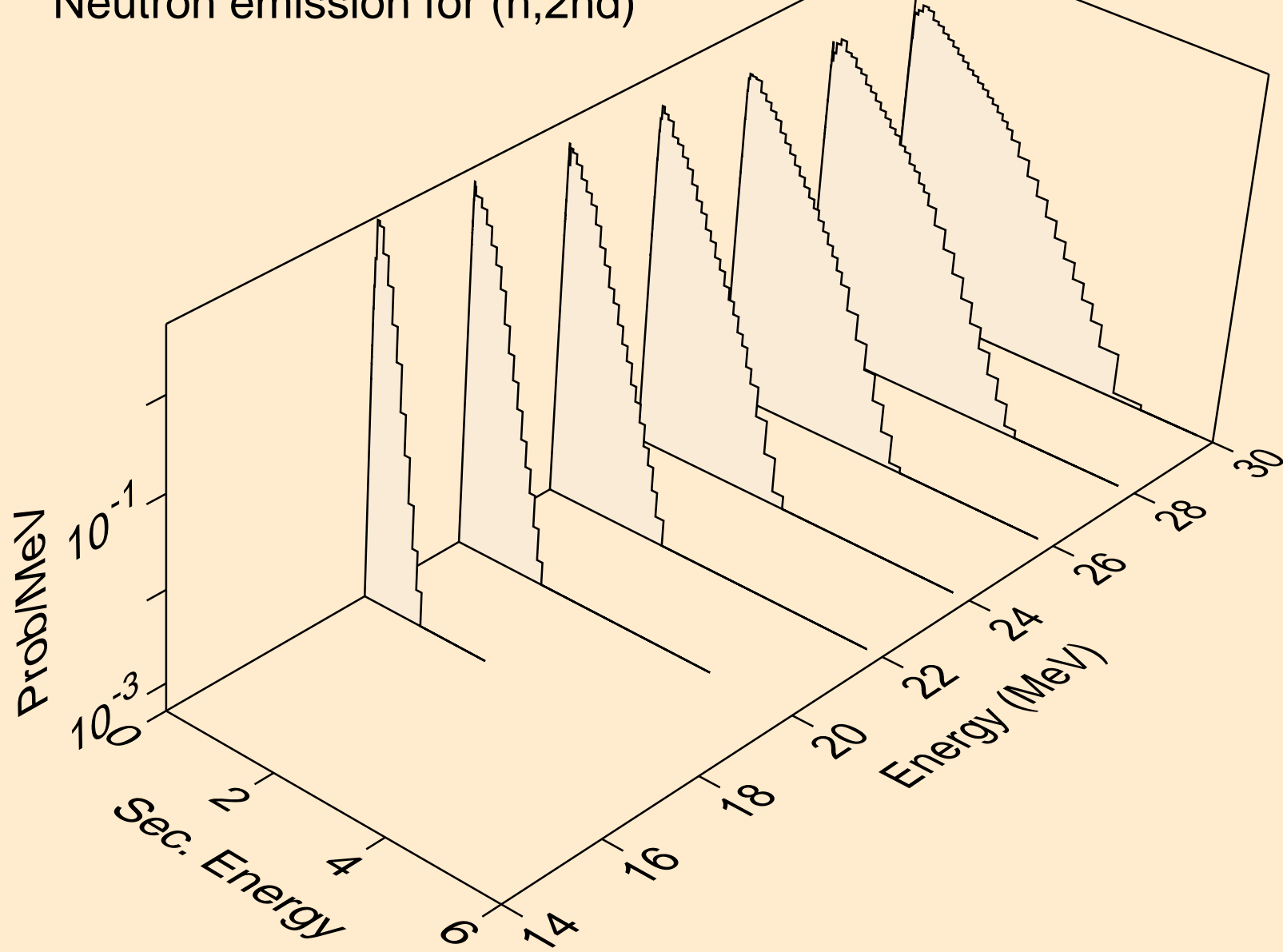
Total fission nubar



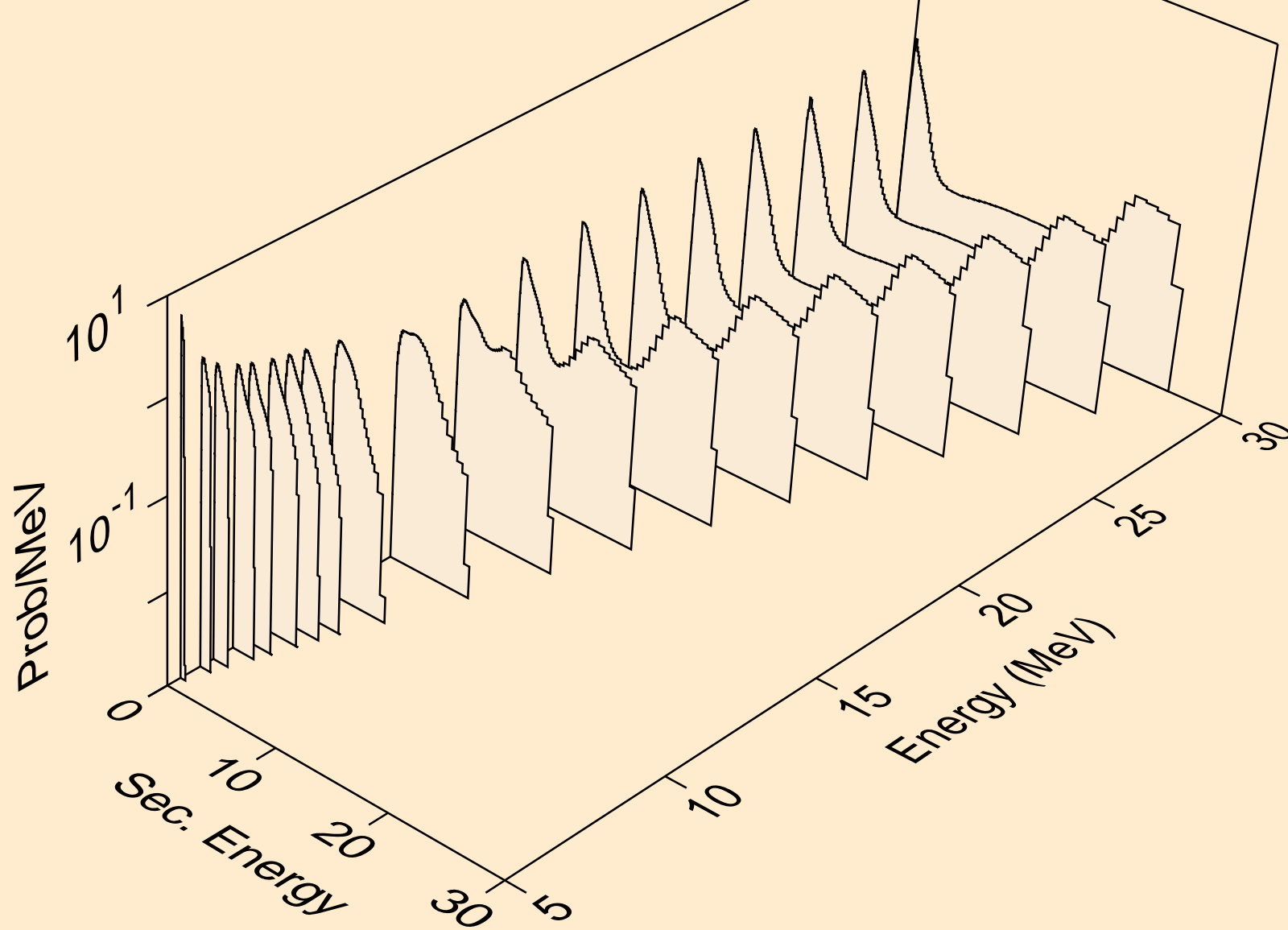
AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



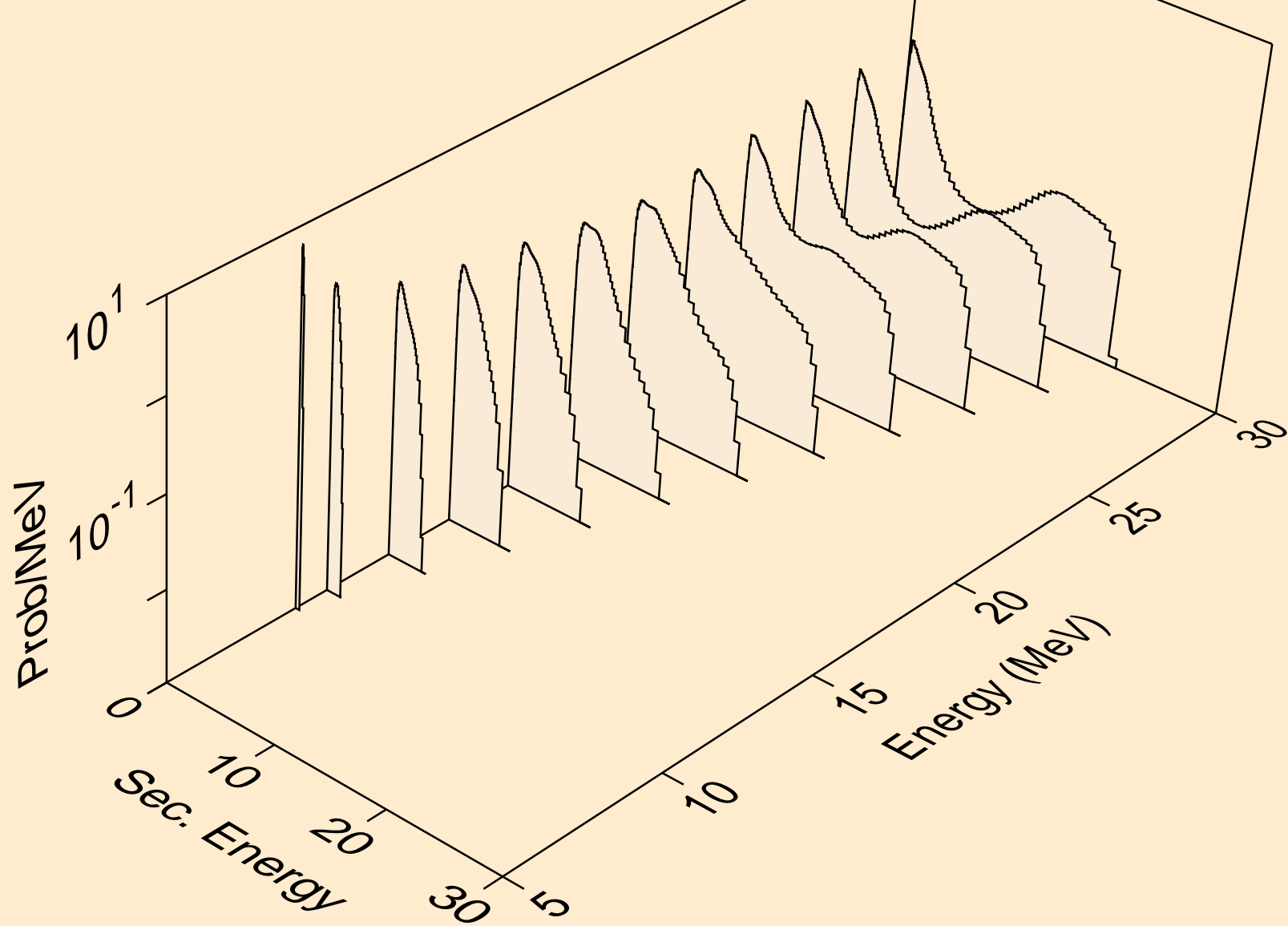
AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)

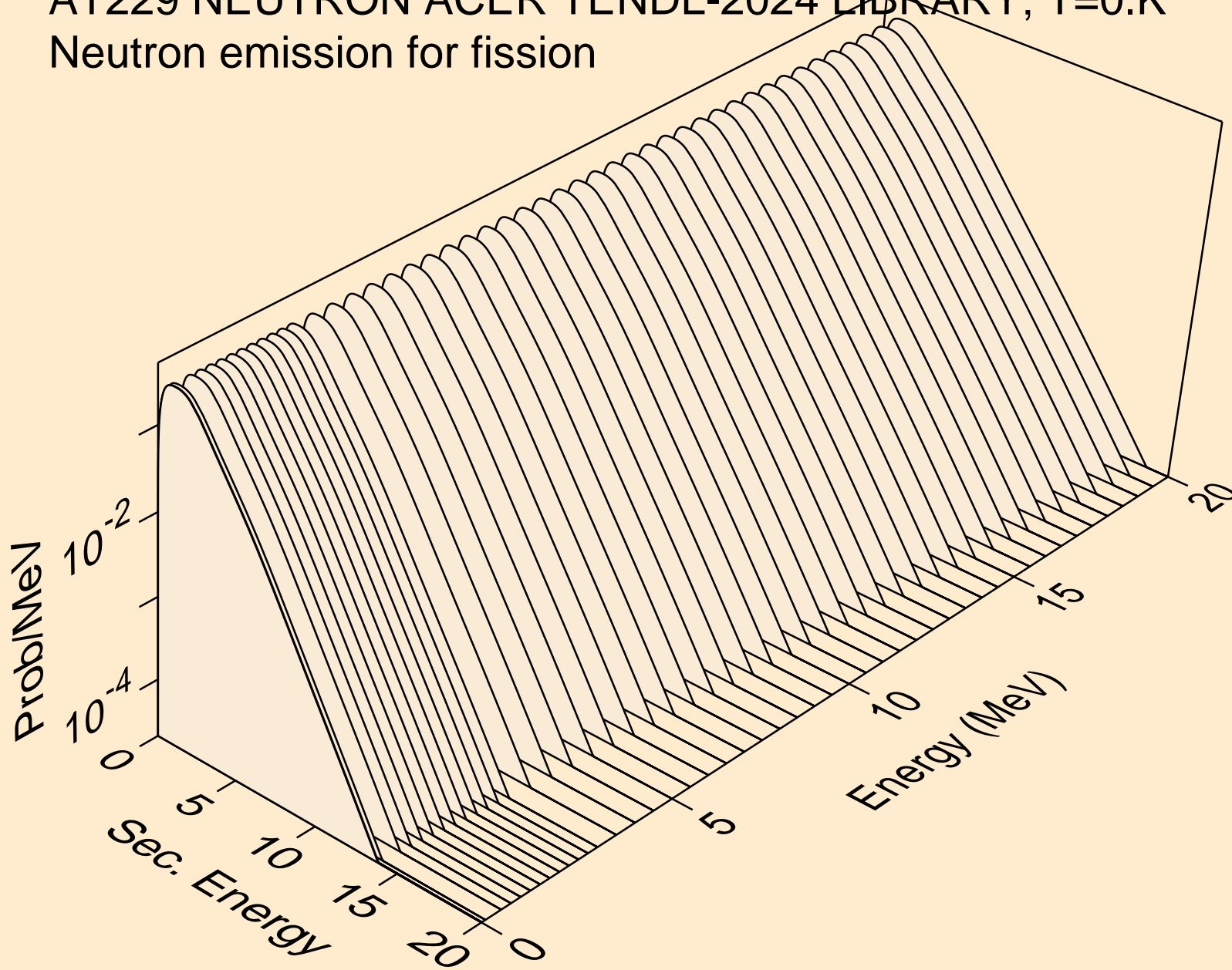


AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)

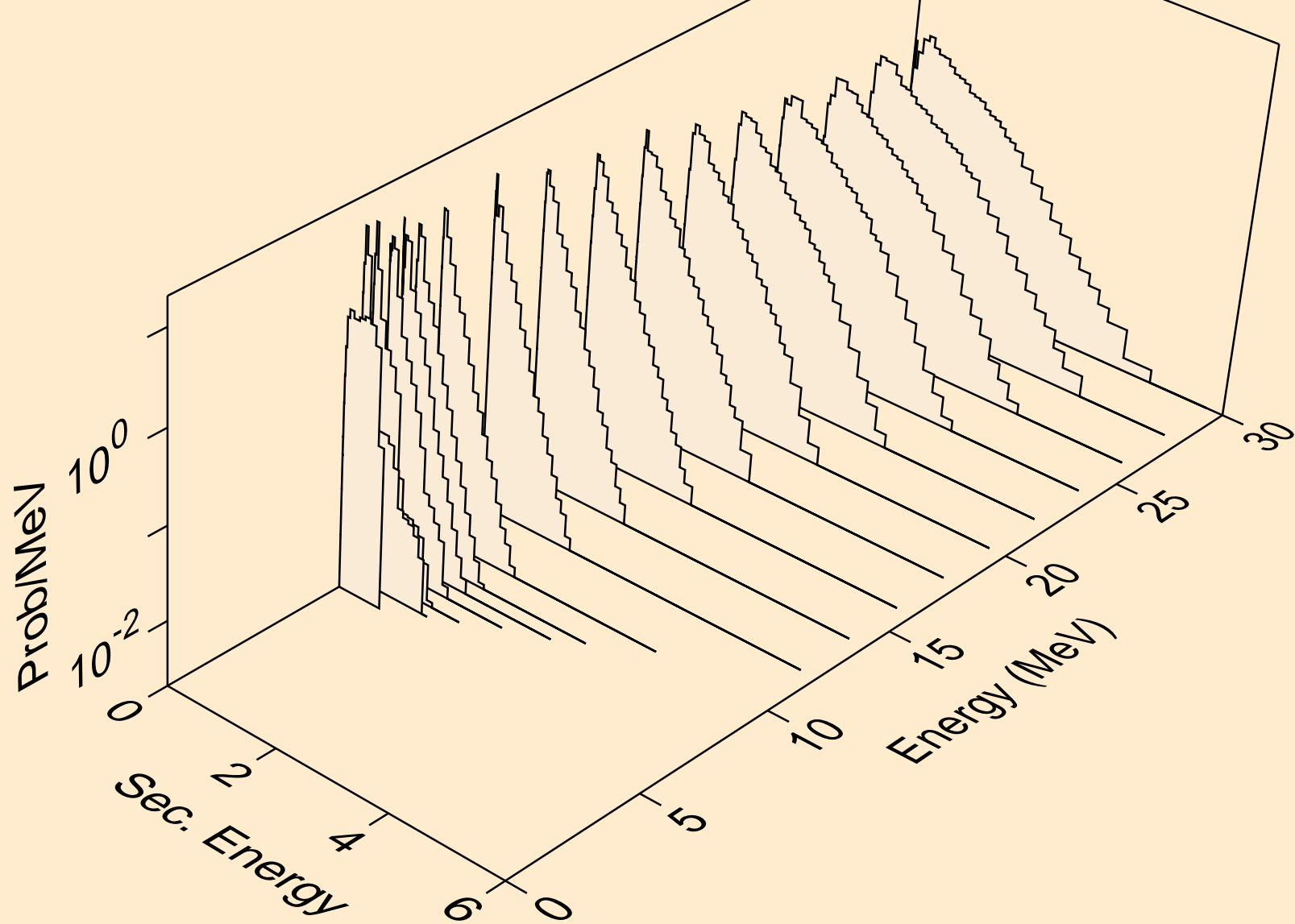




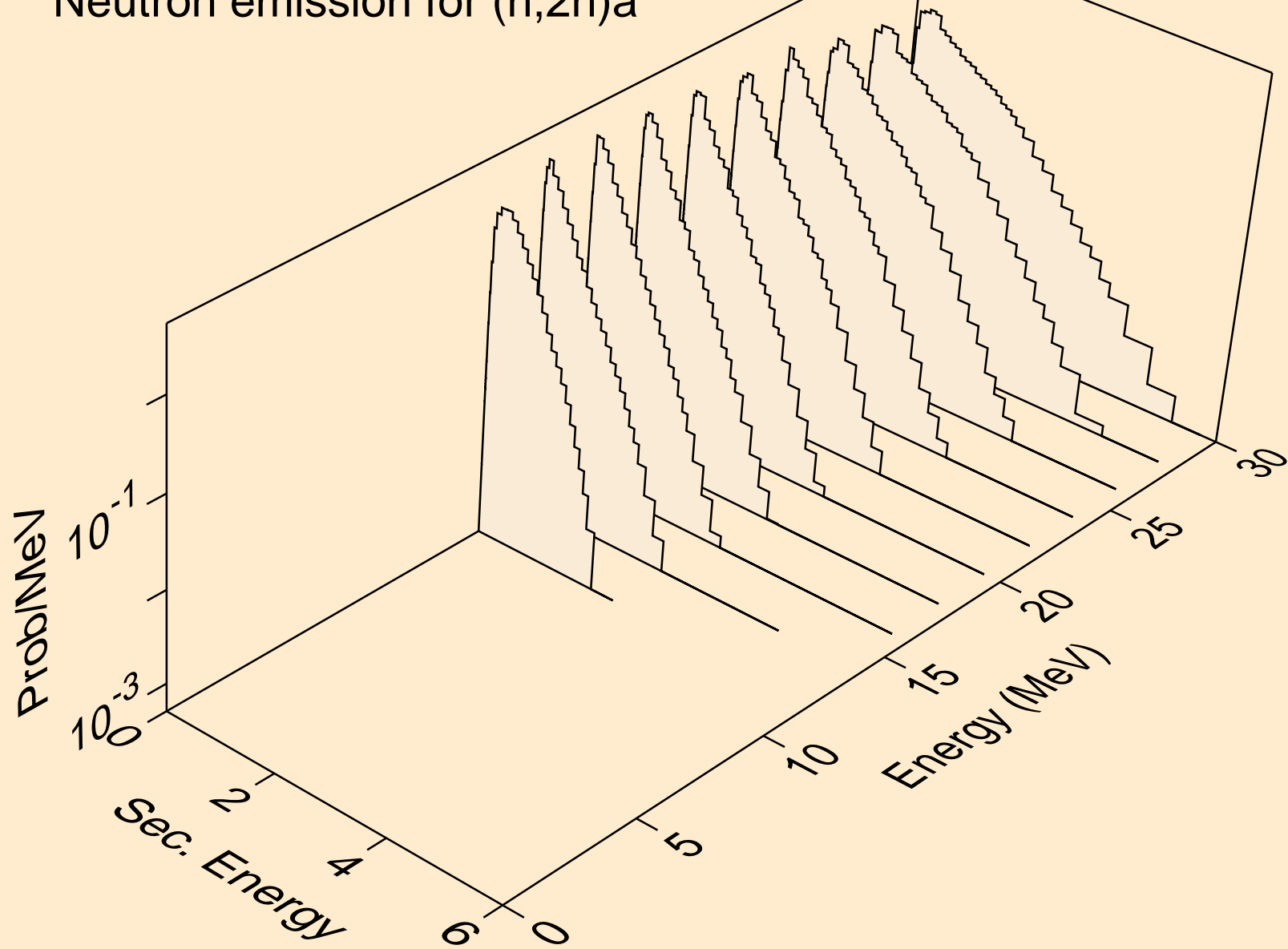
AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for fission



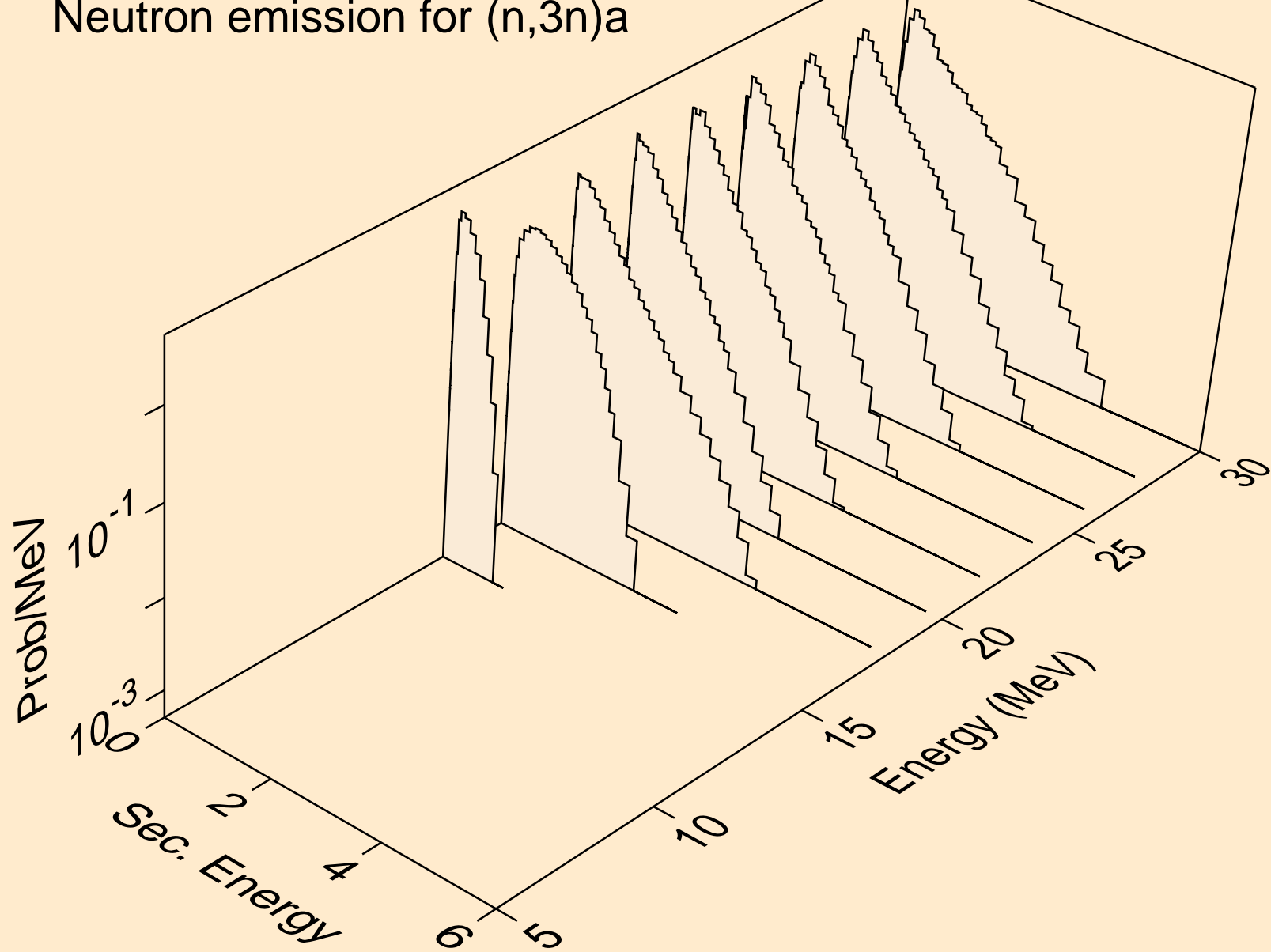
AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



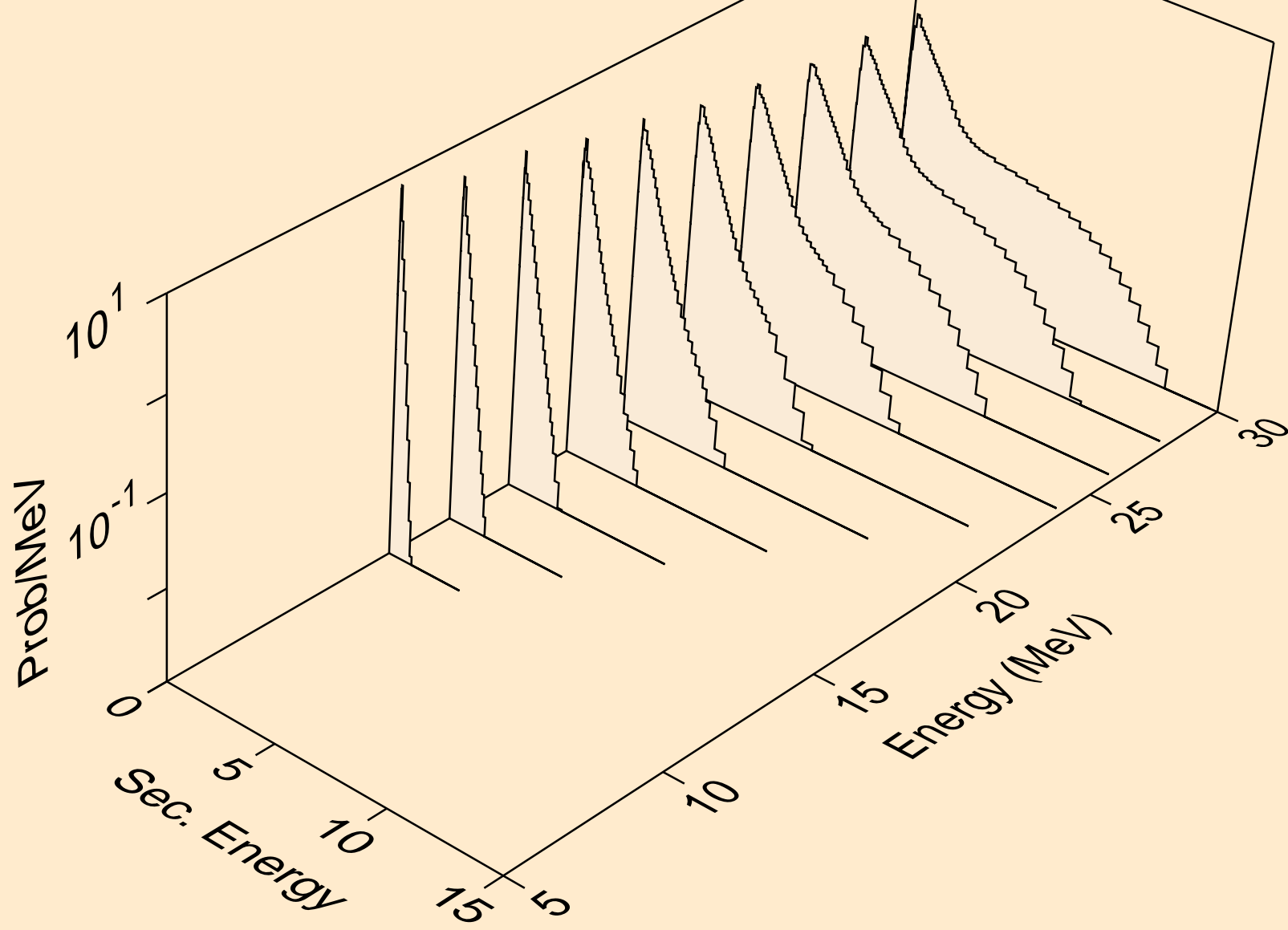
AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



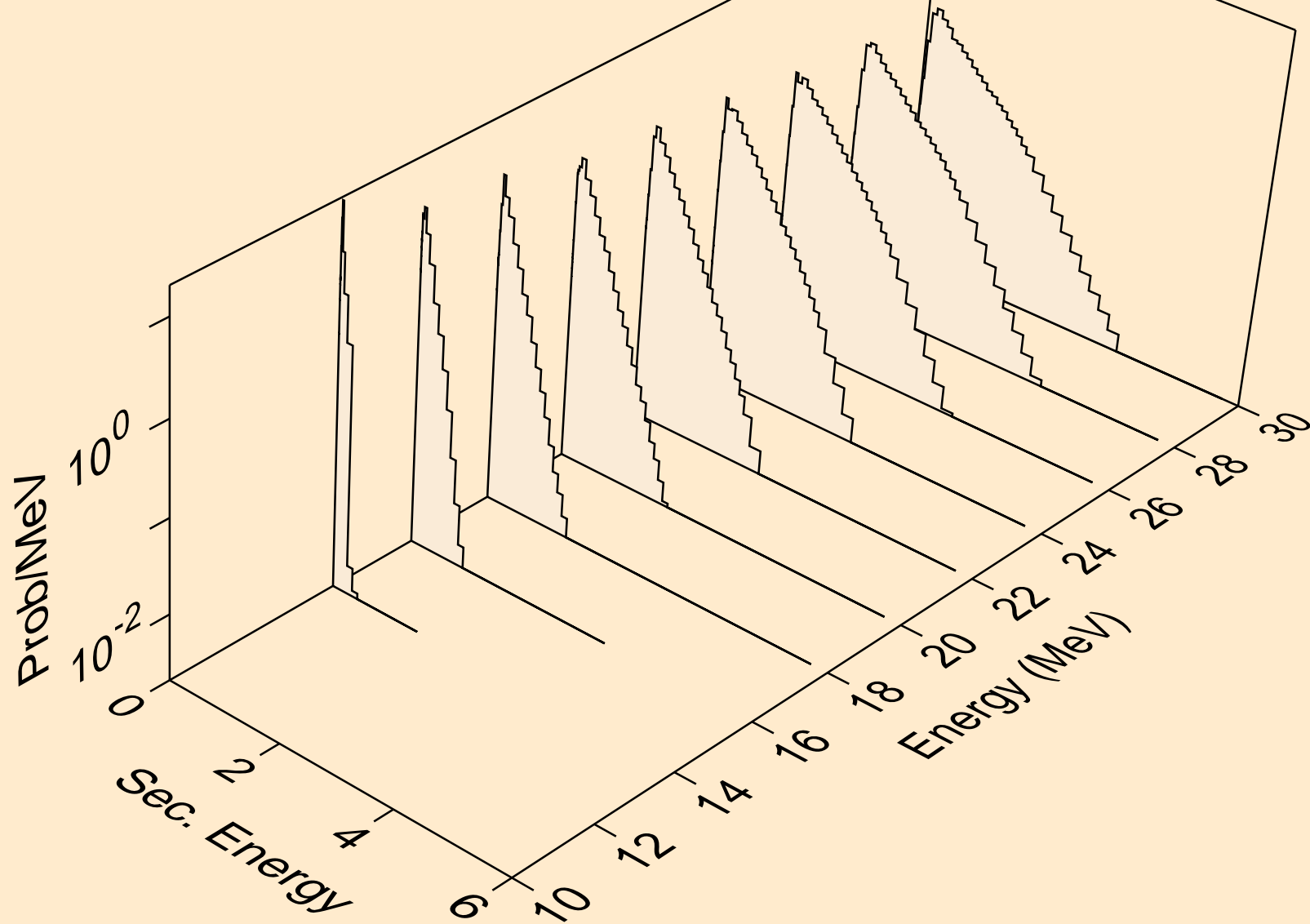
AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



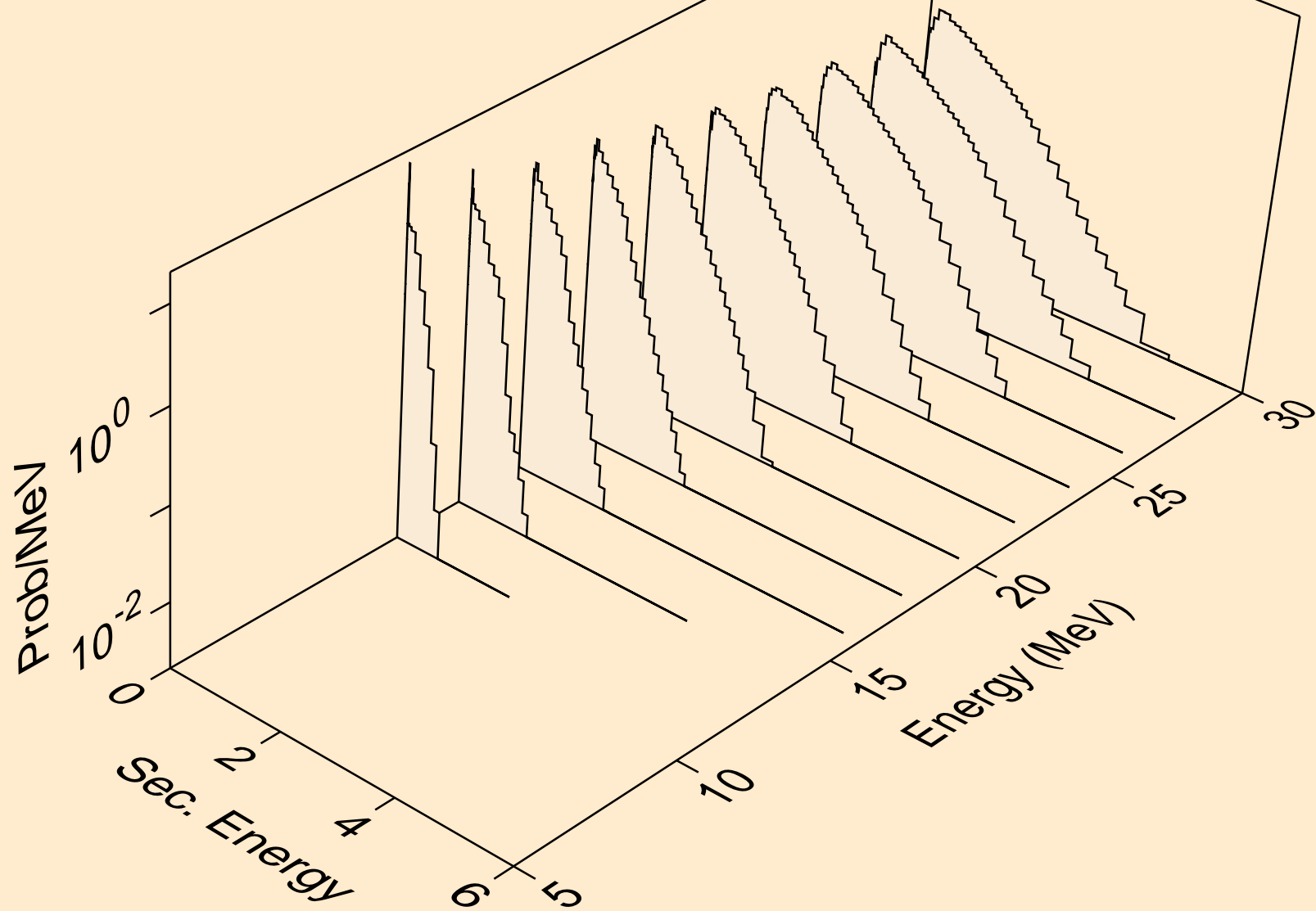
AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



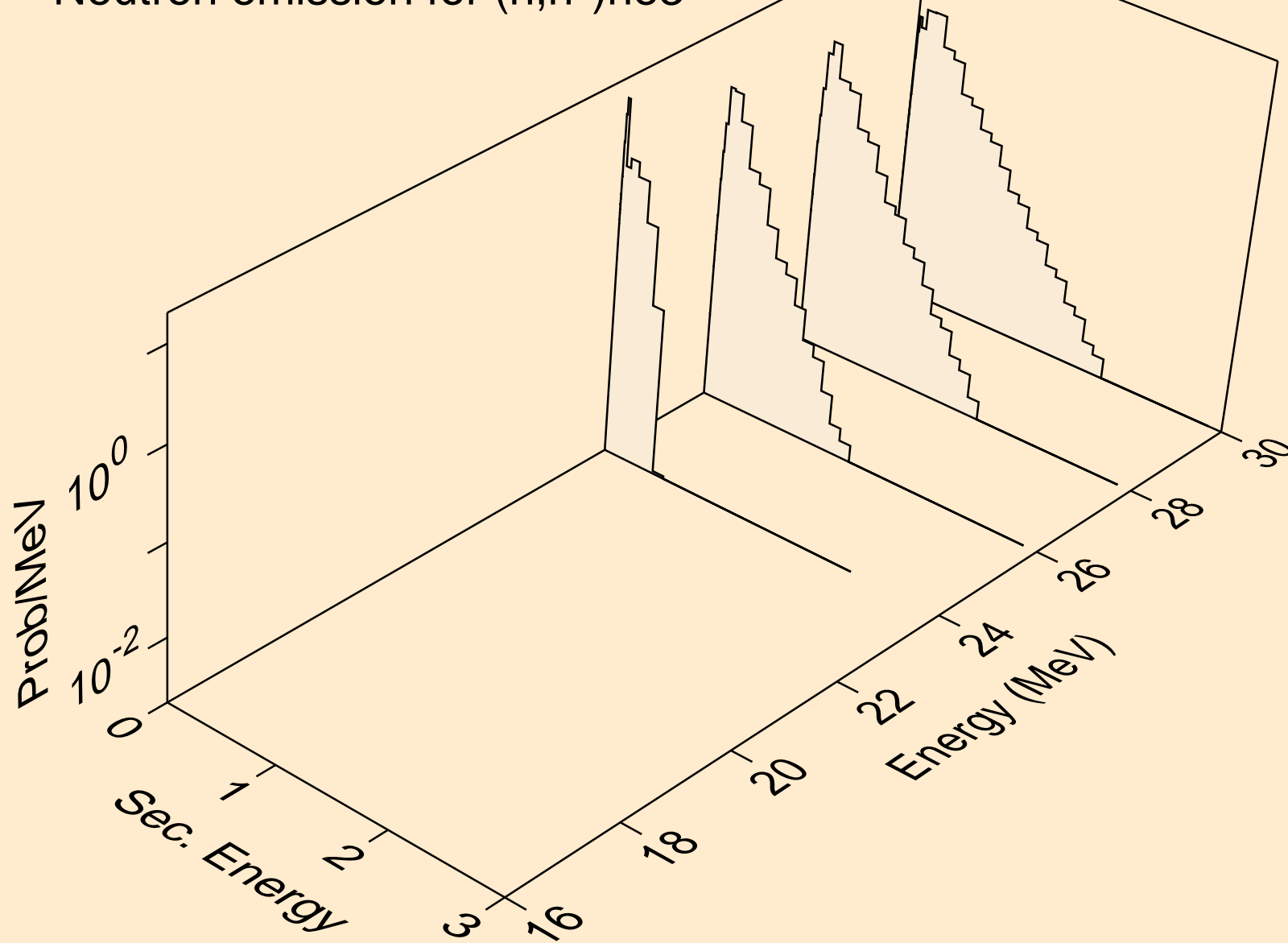
AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t

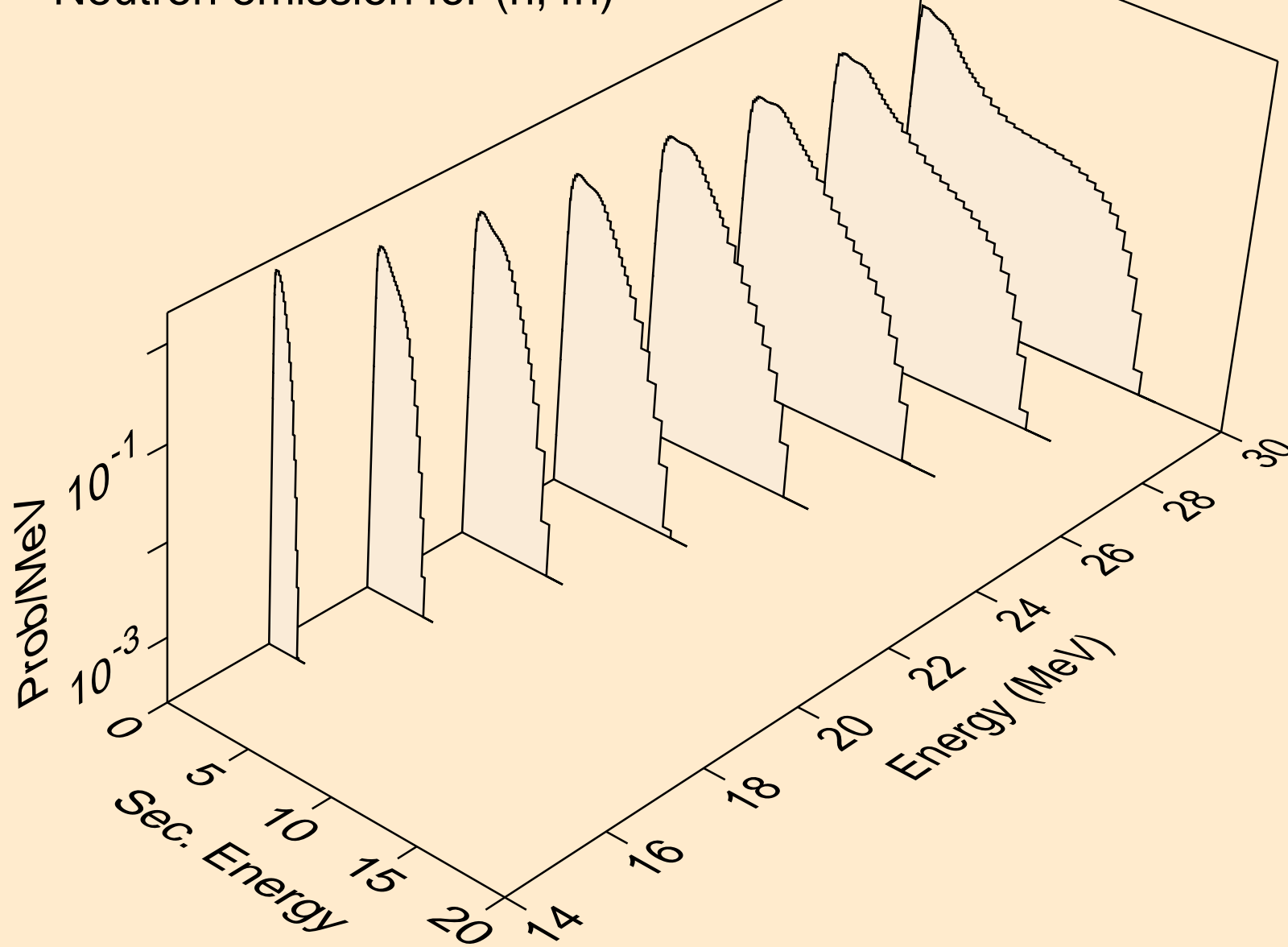


AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3

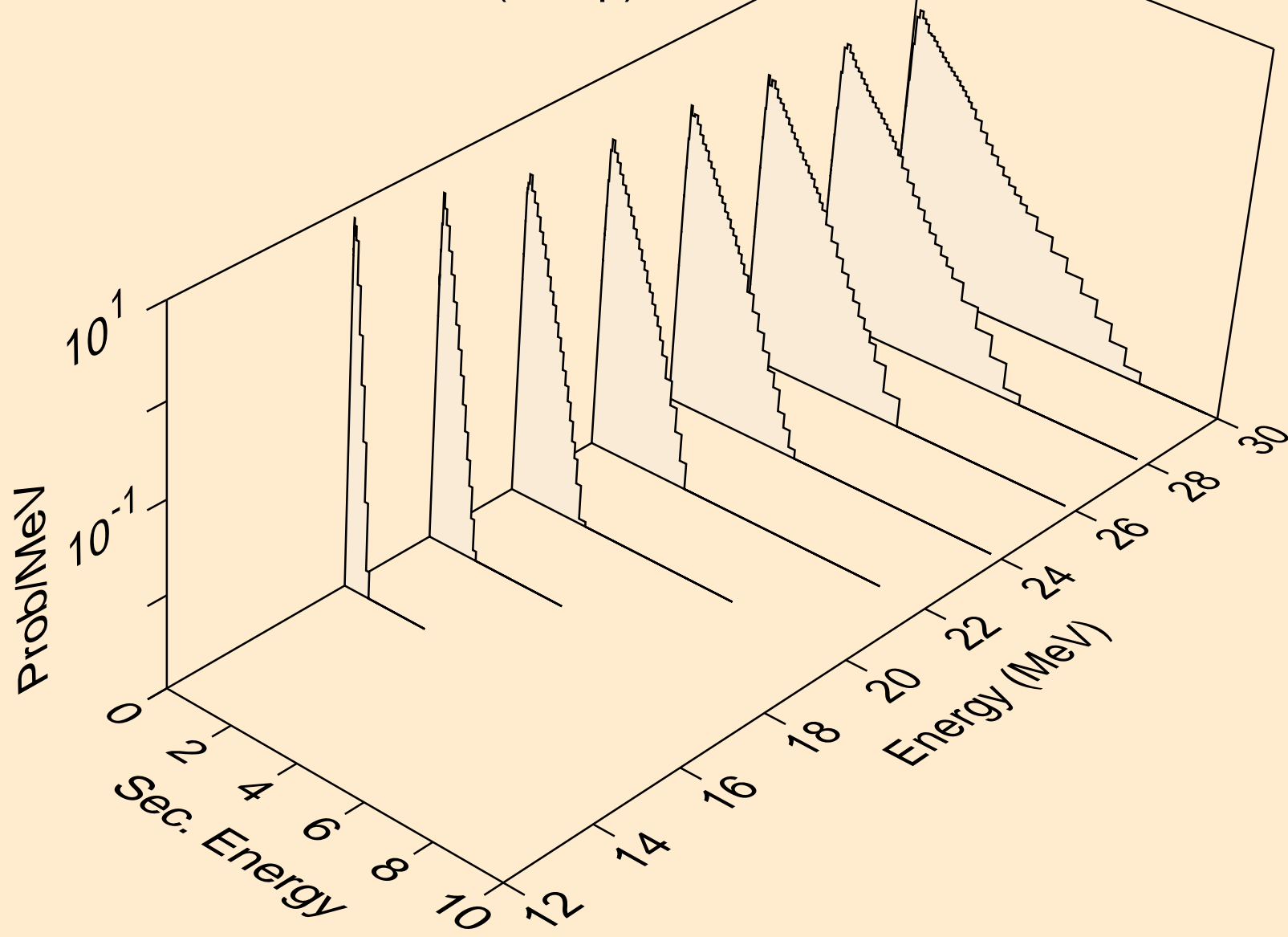




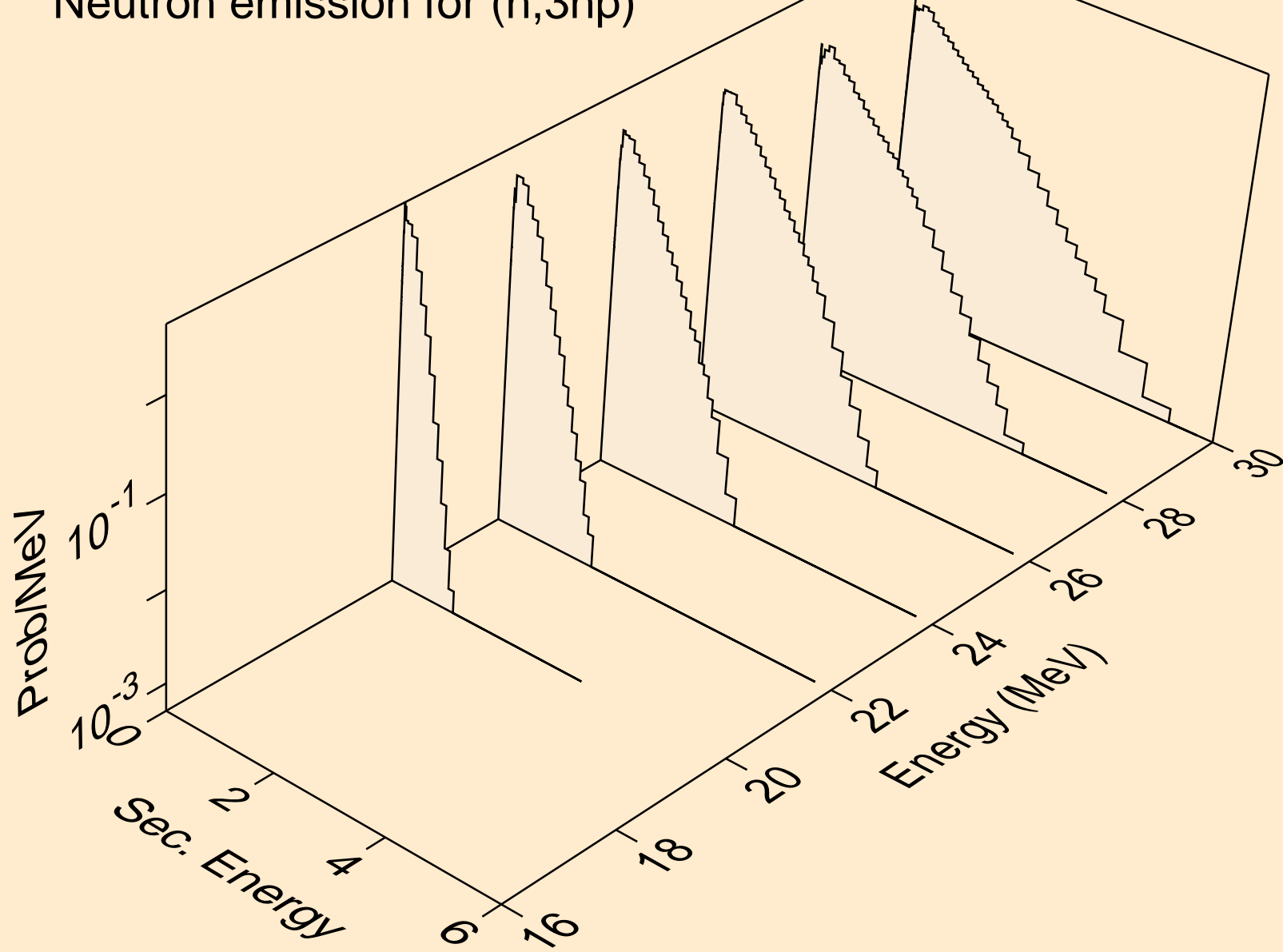
AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



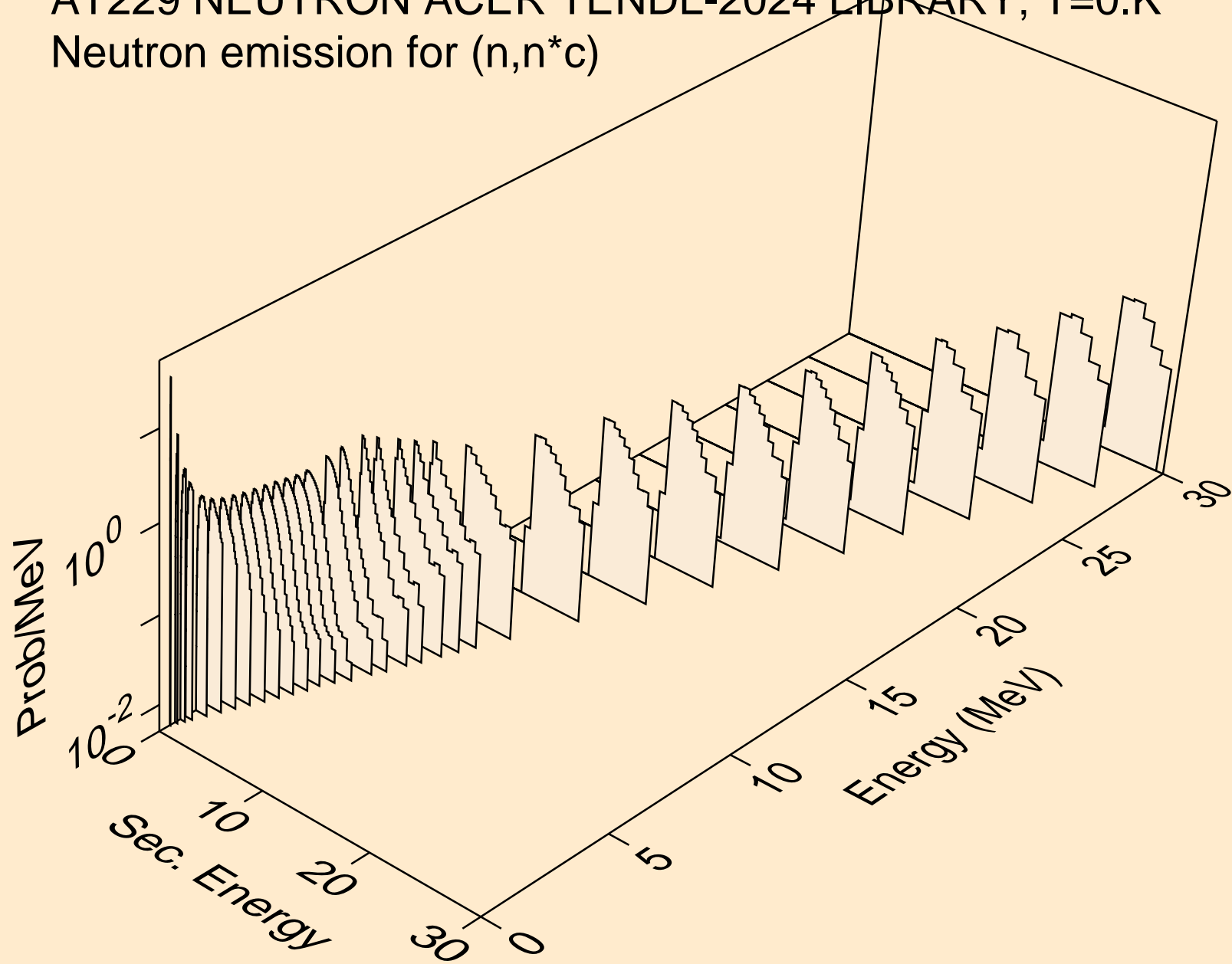
AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)

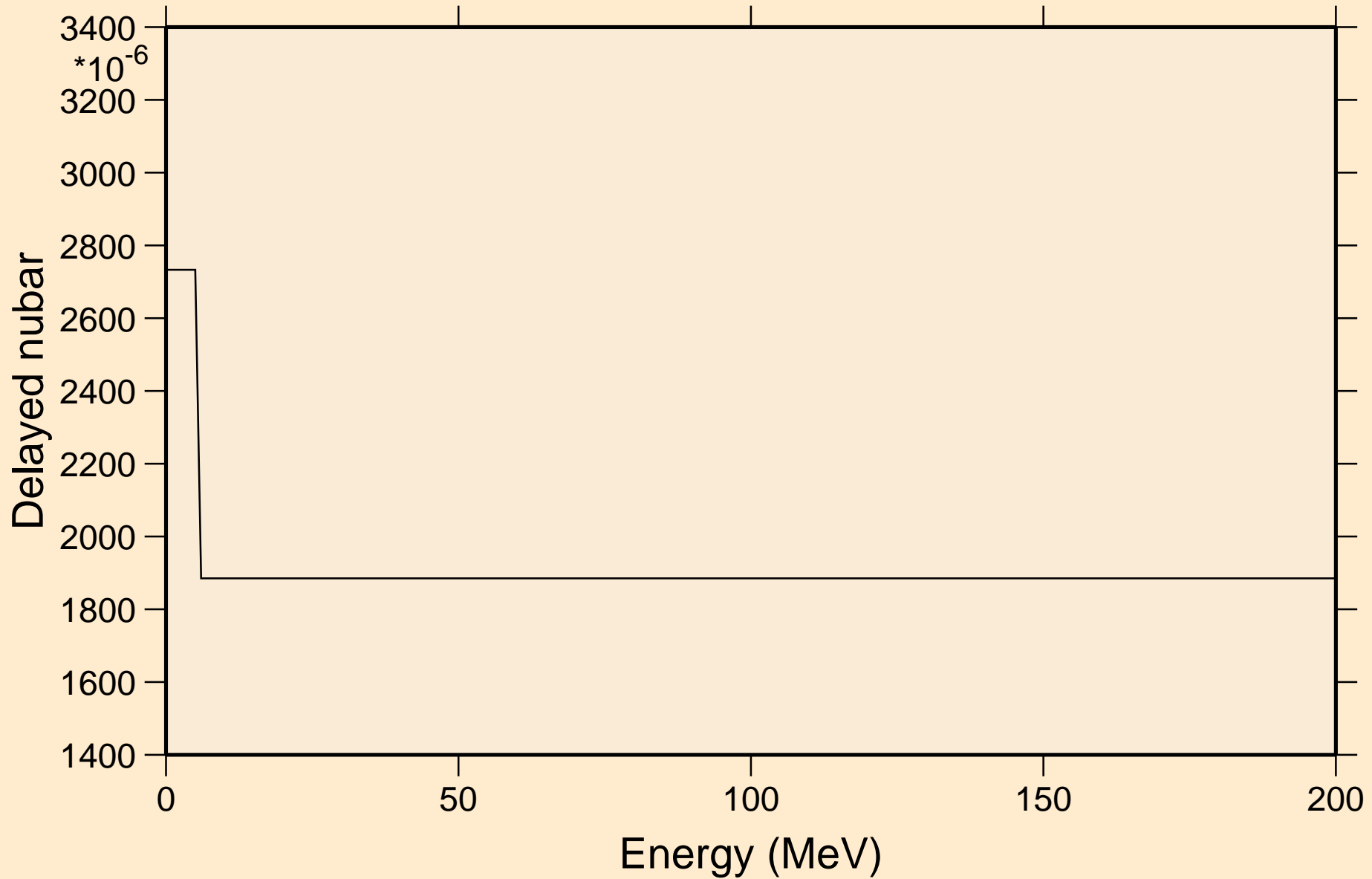


AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



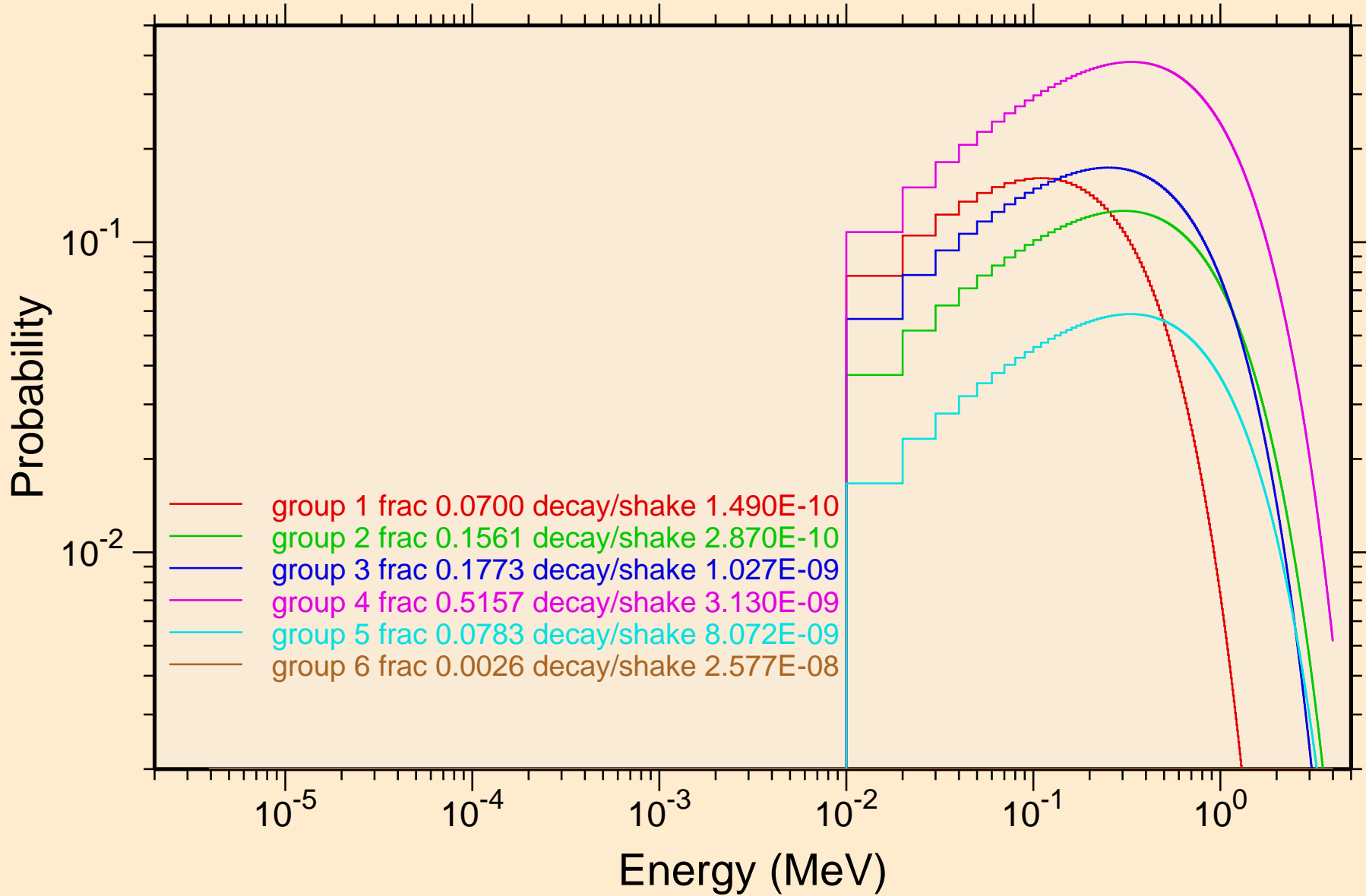
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## Delayed nubar

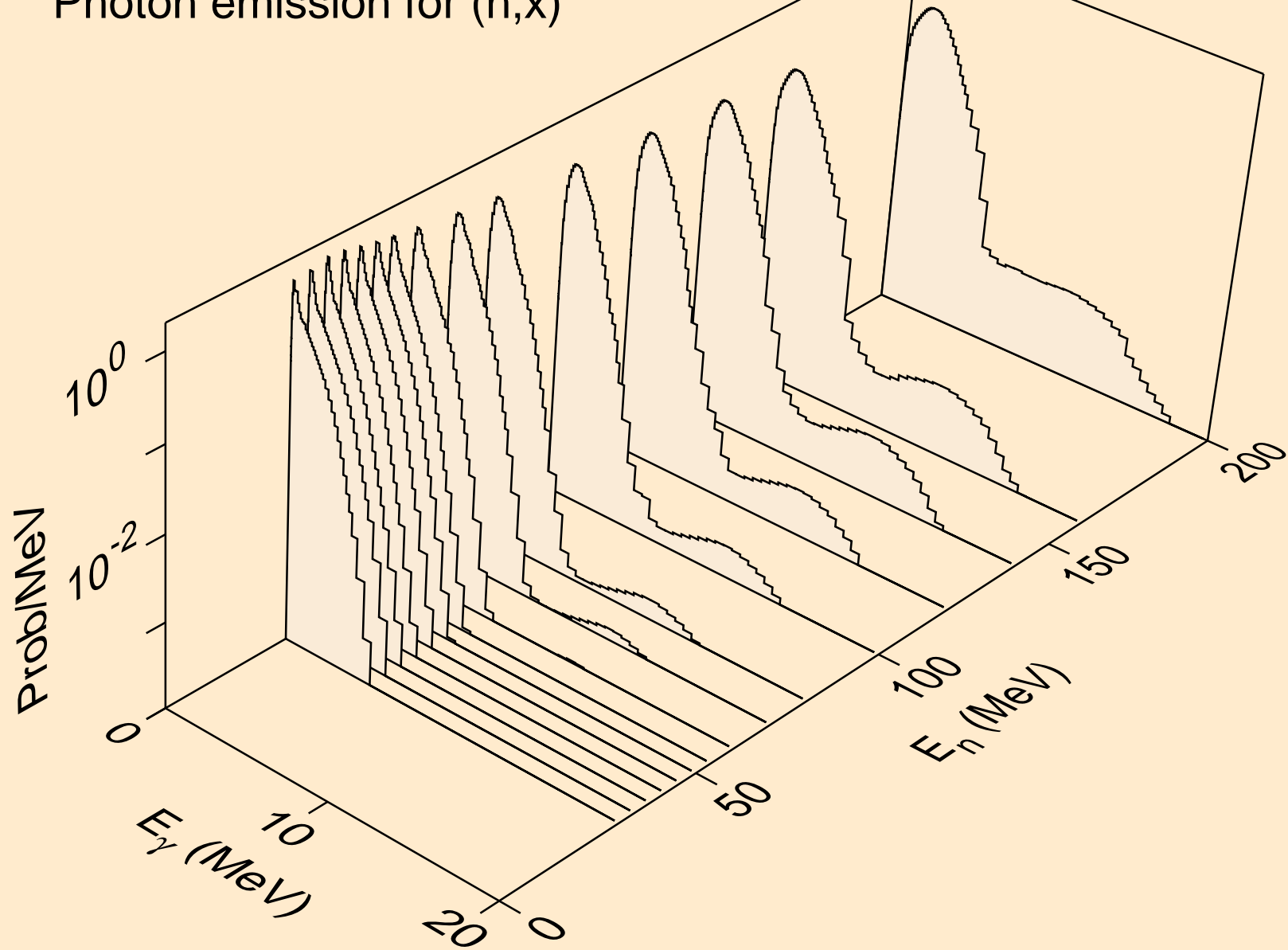


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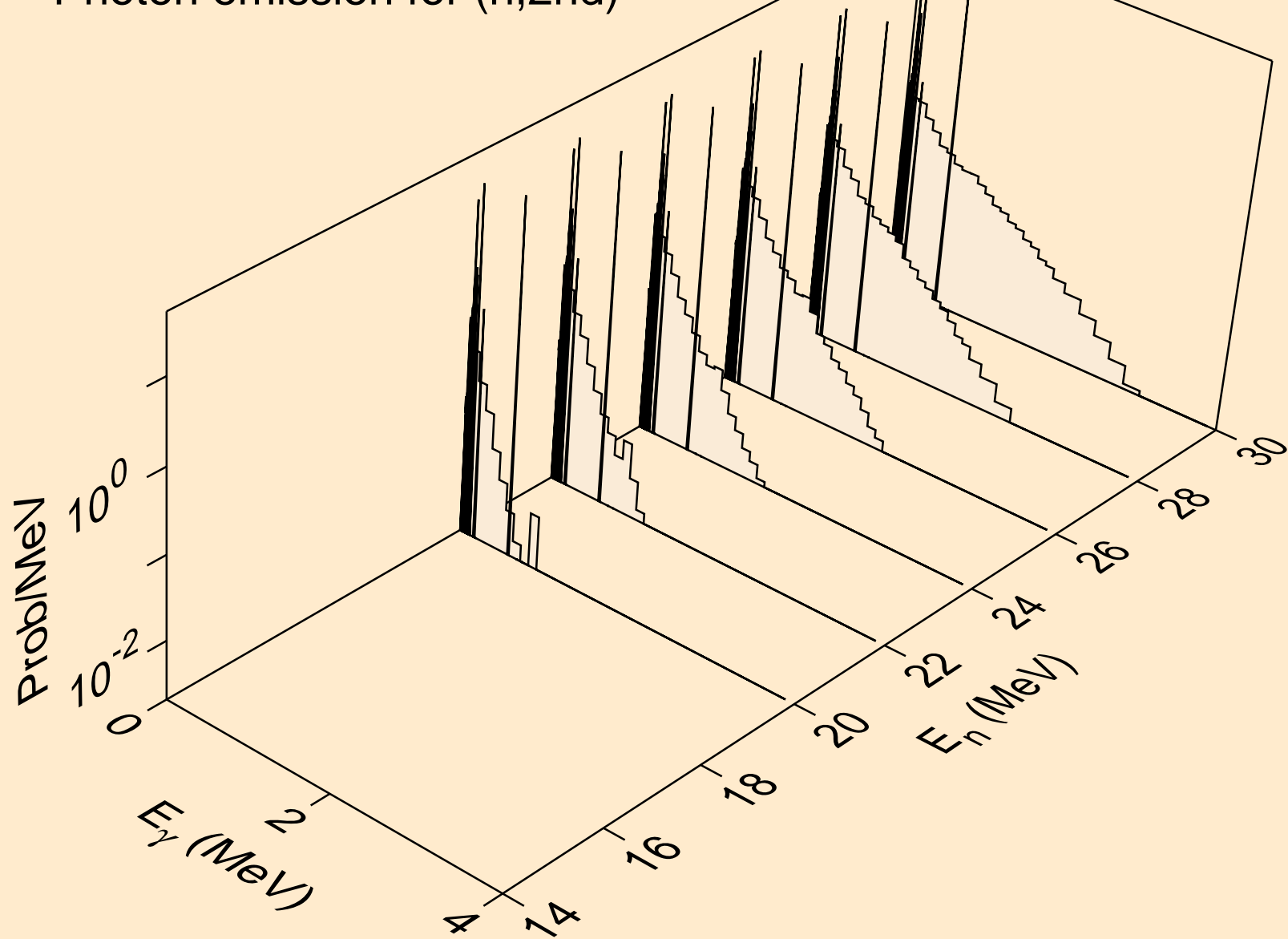
## Delayed neutron spectra



AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)

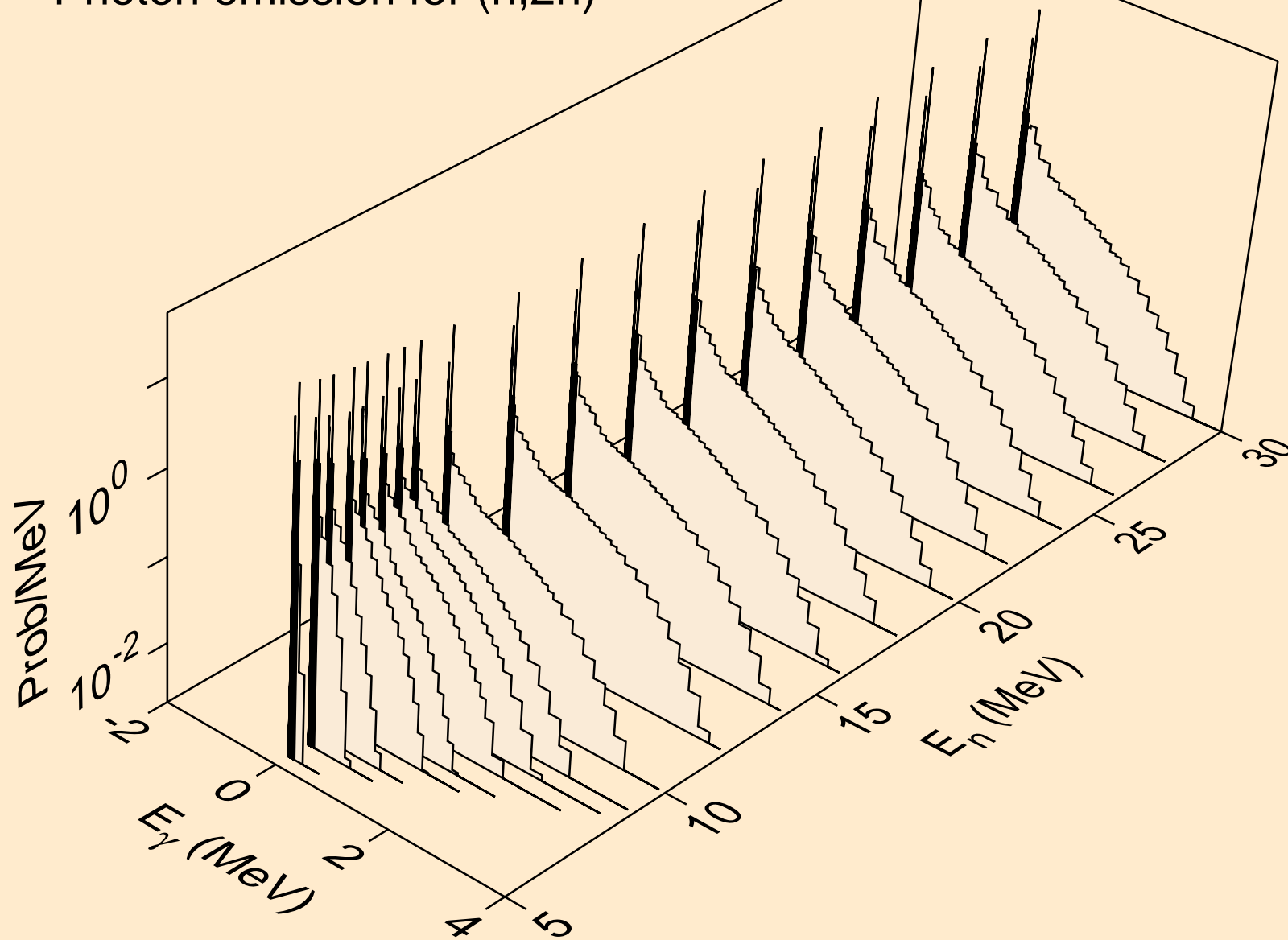


AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)

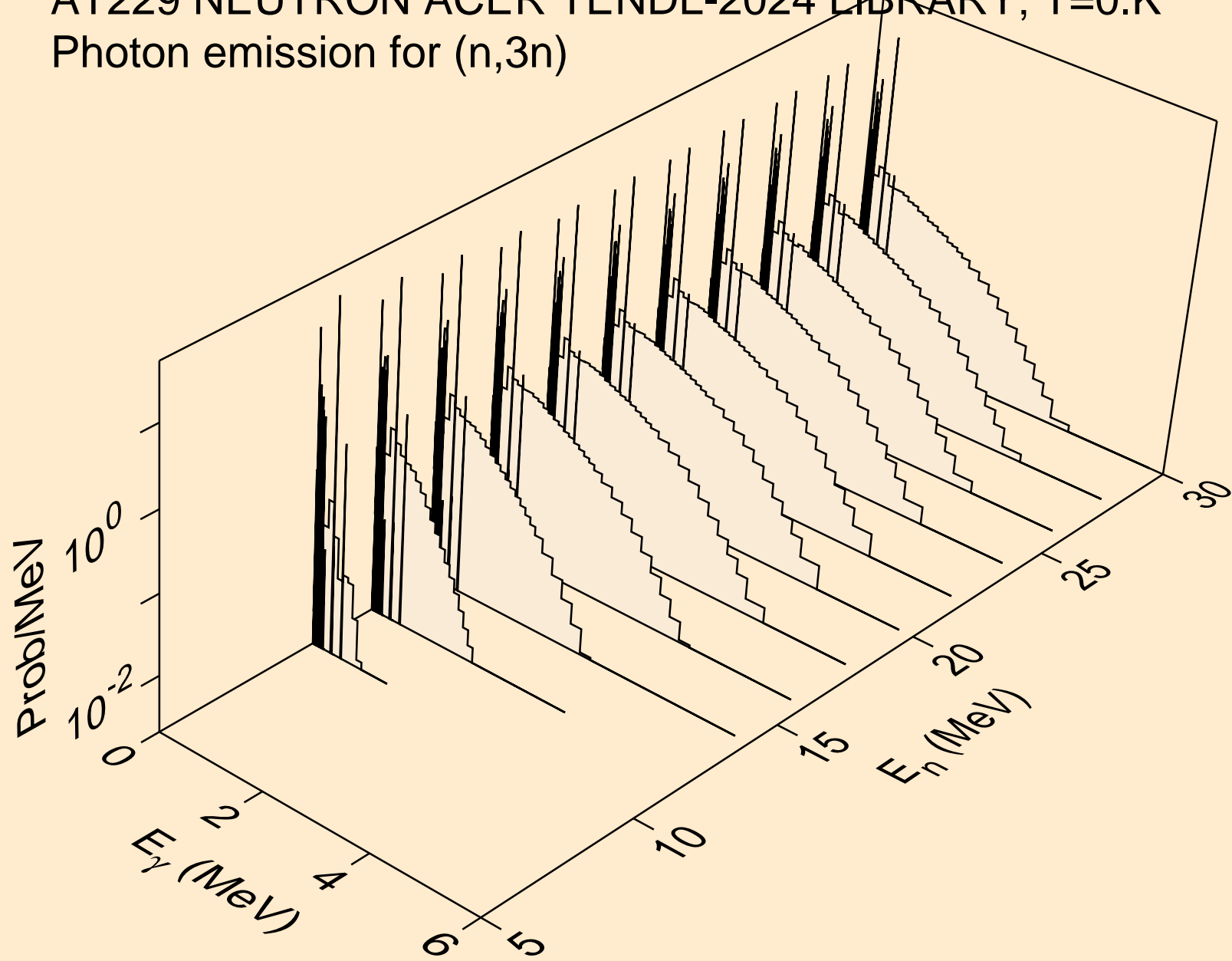




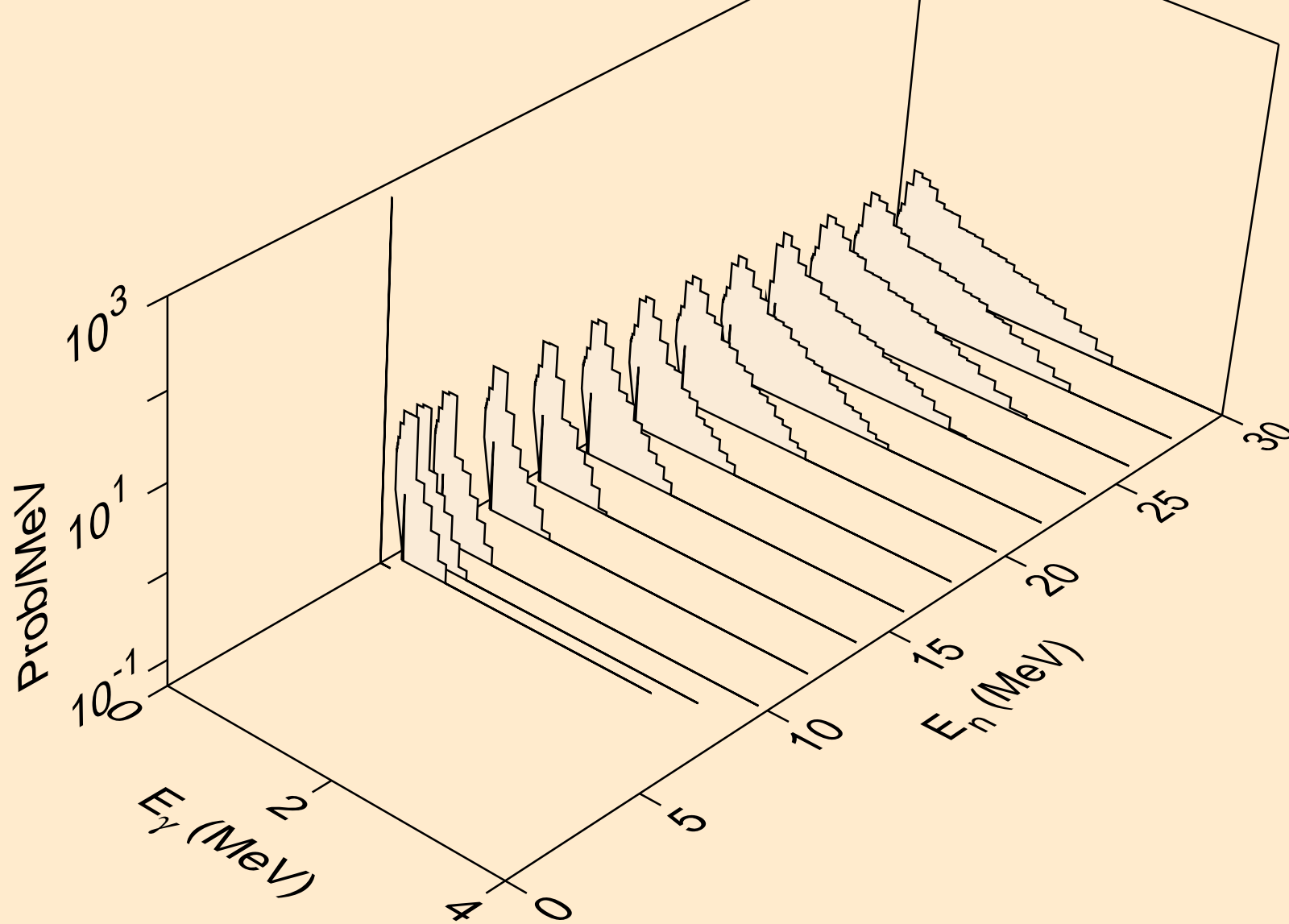
AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



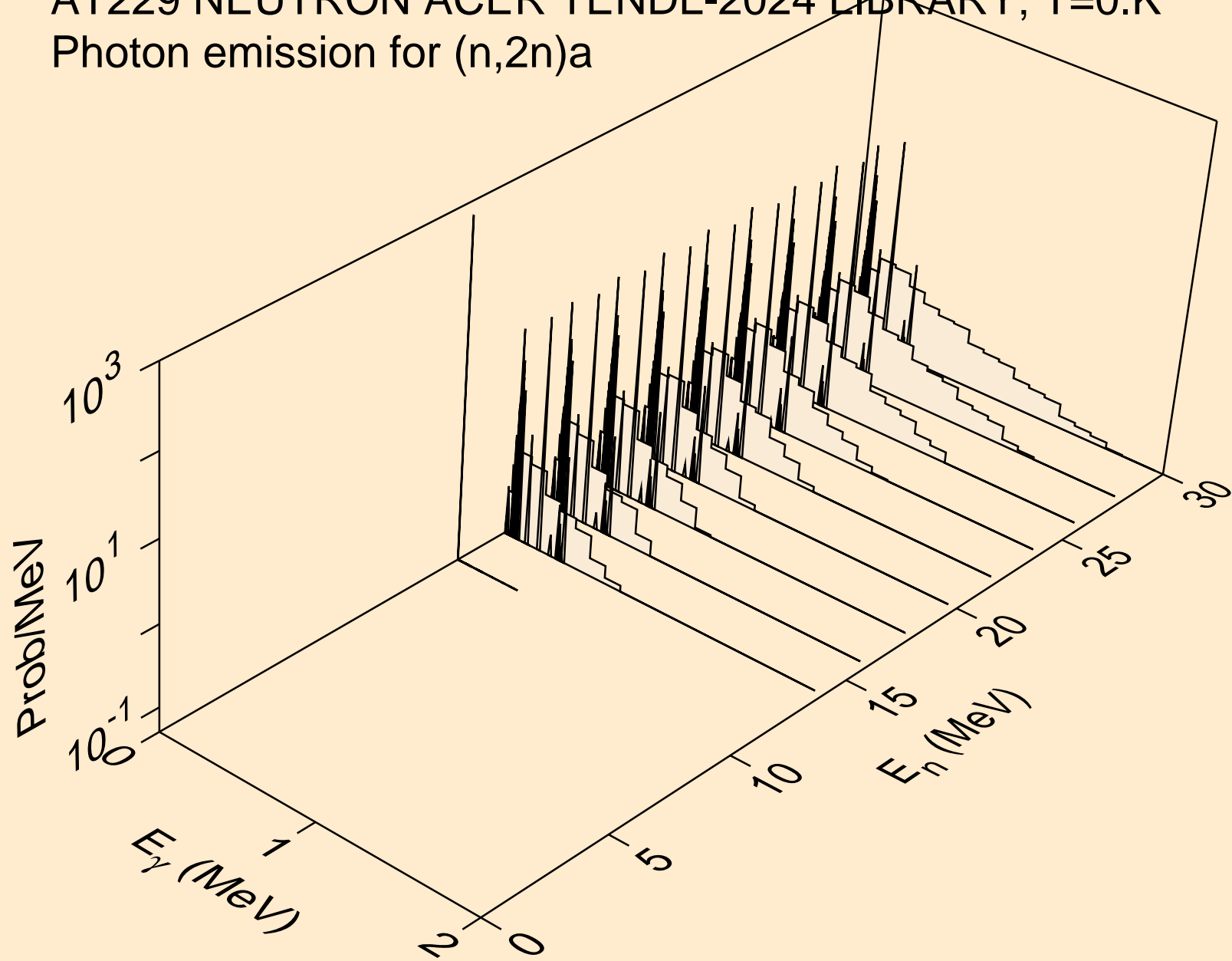
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Photon emission for (n,3n)



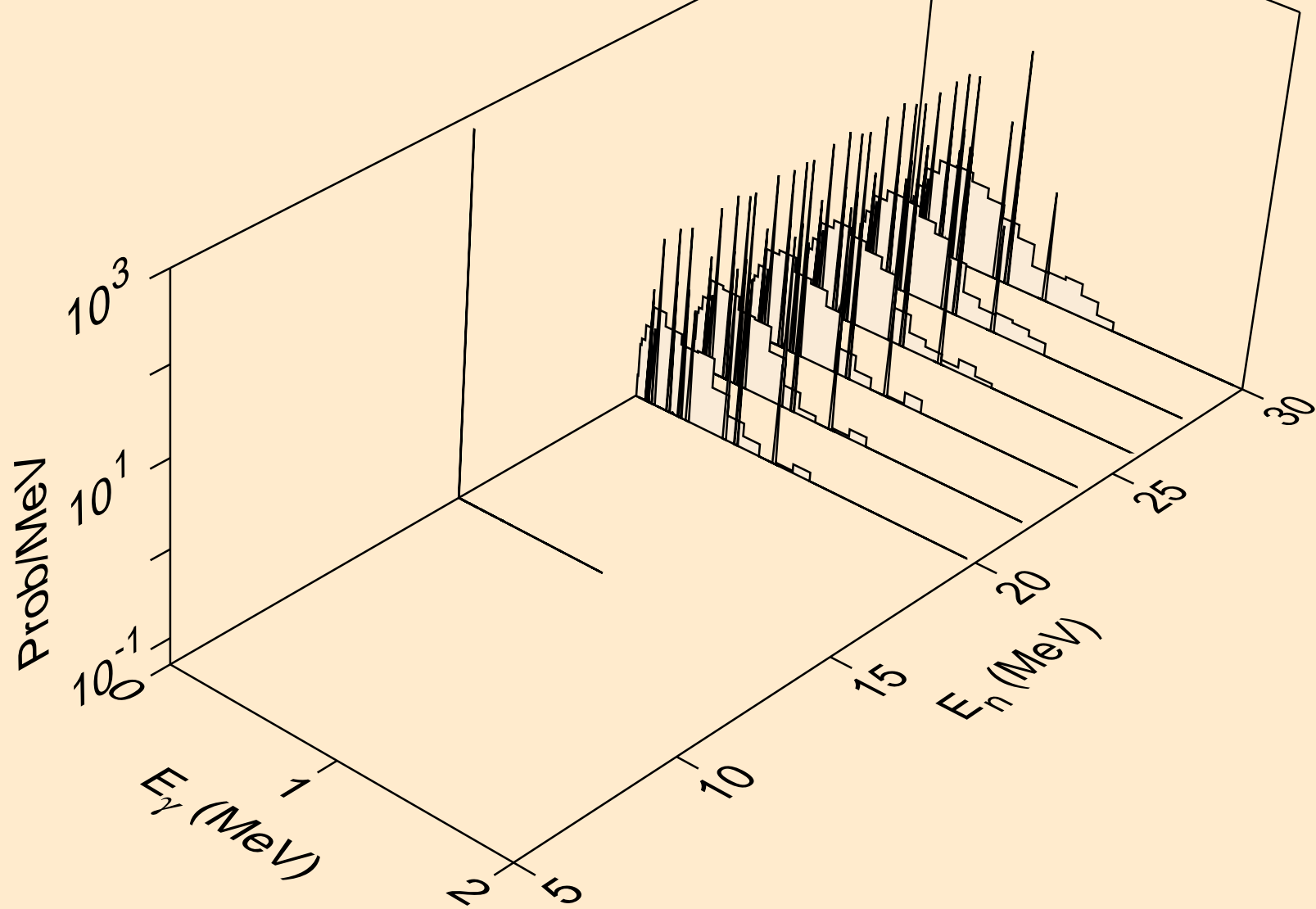
AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



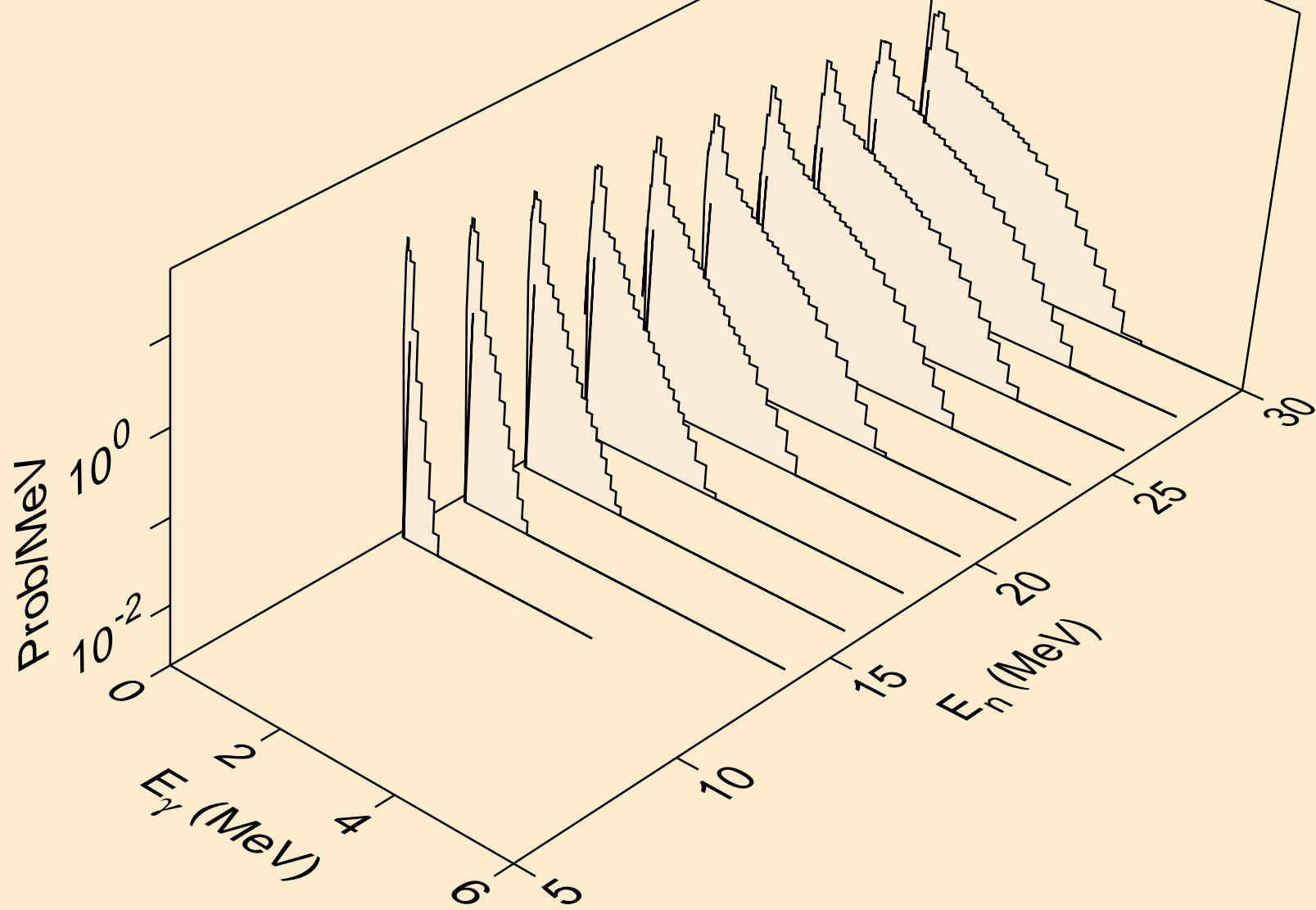
AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



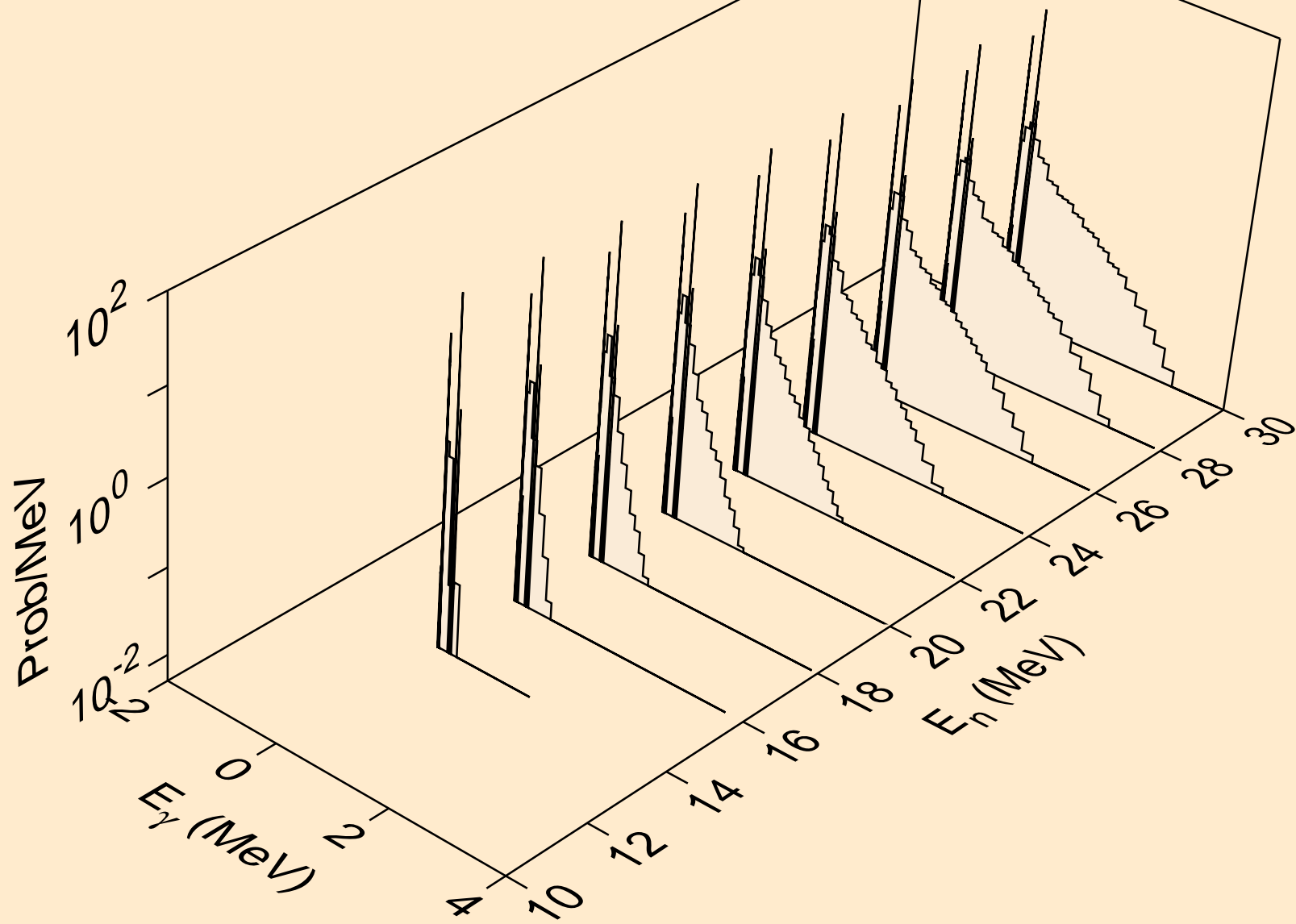
AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a



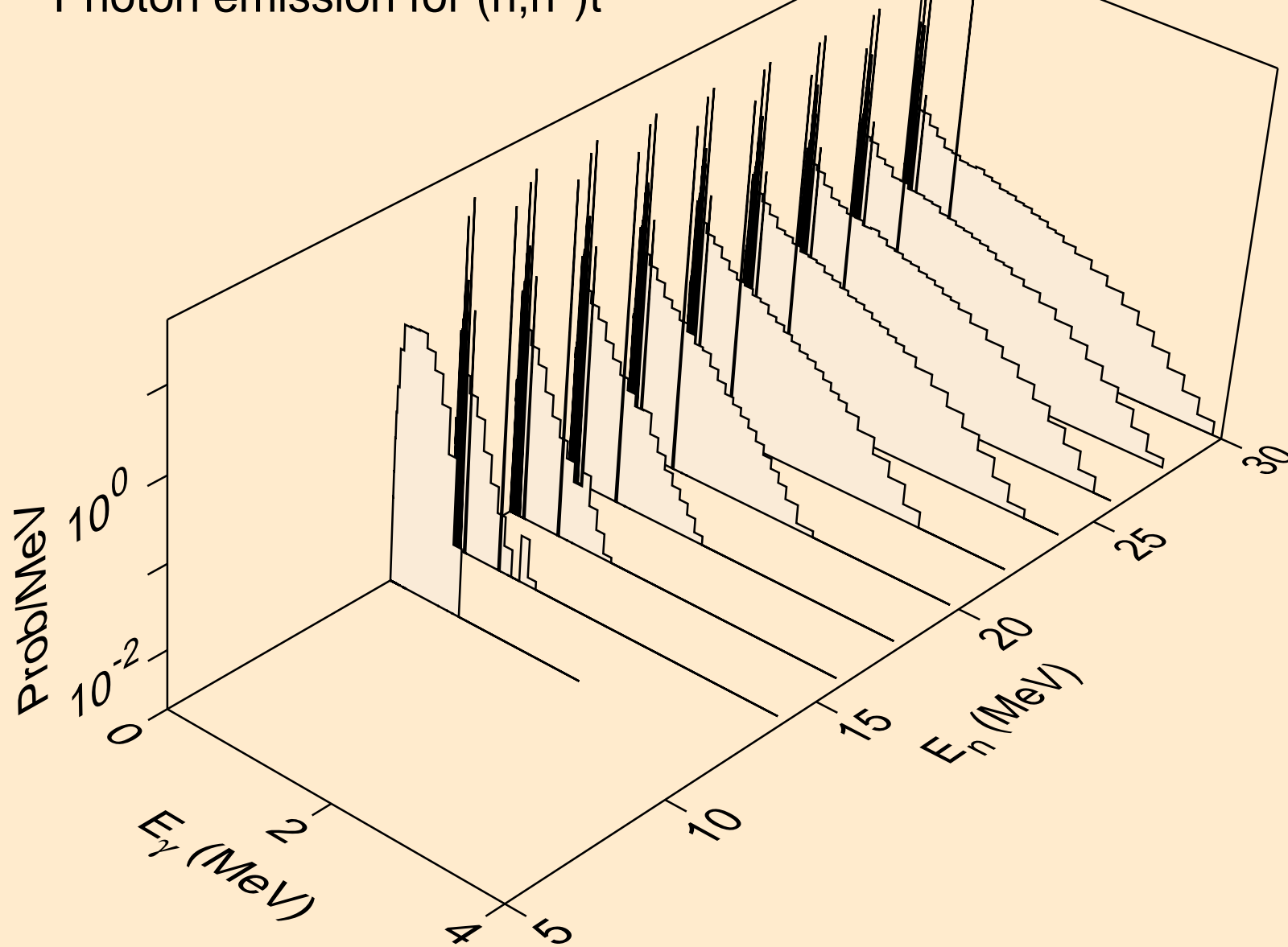
AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

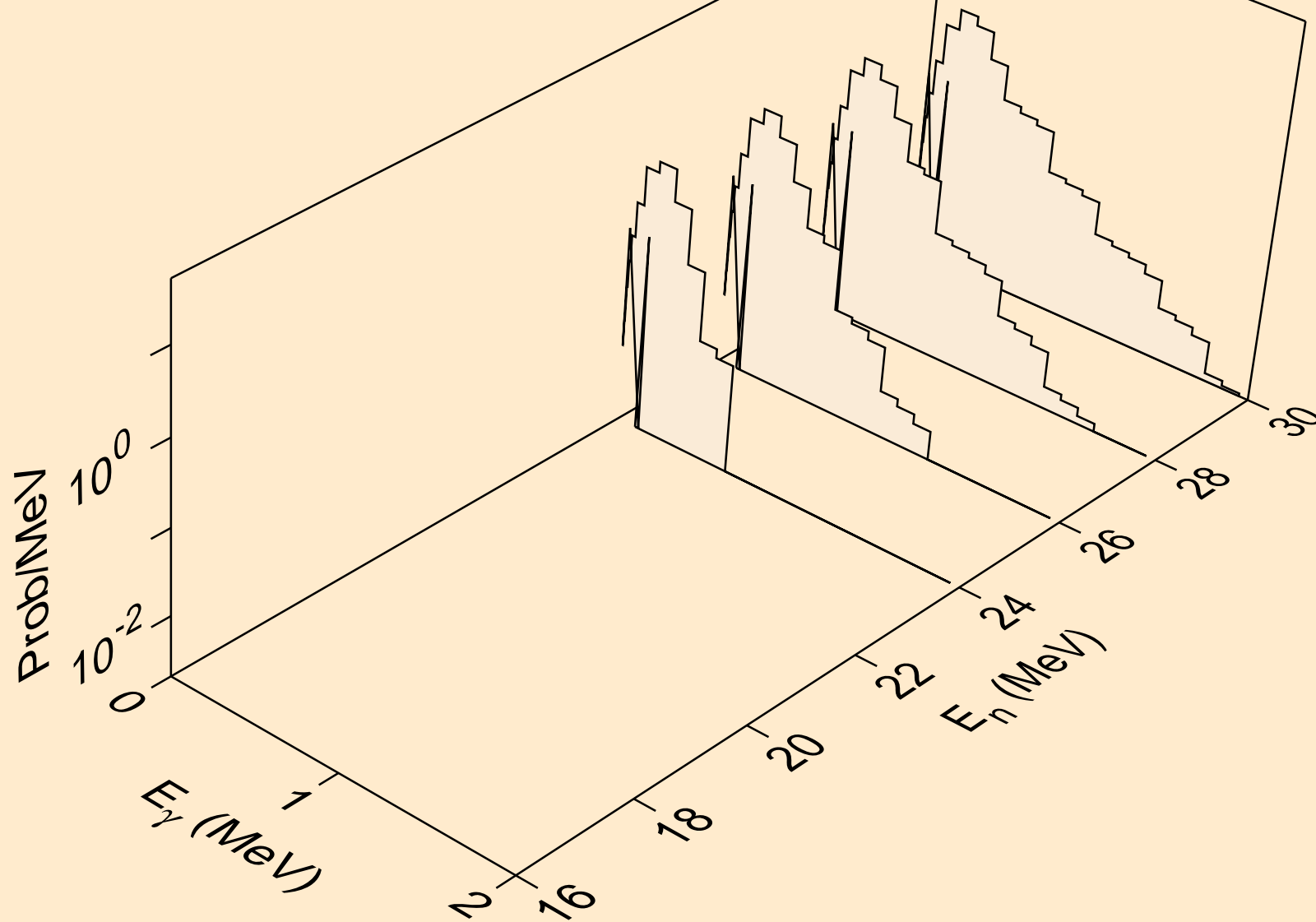


AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

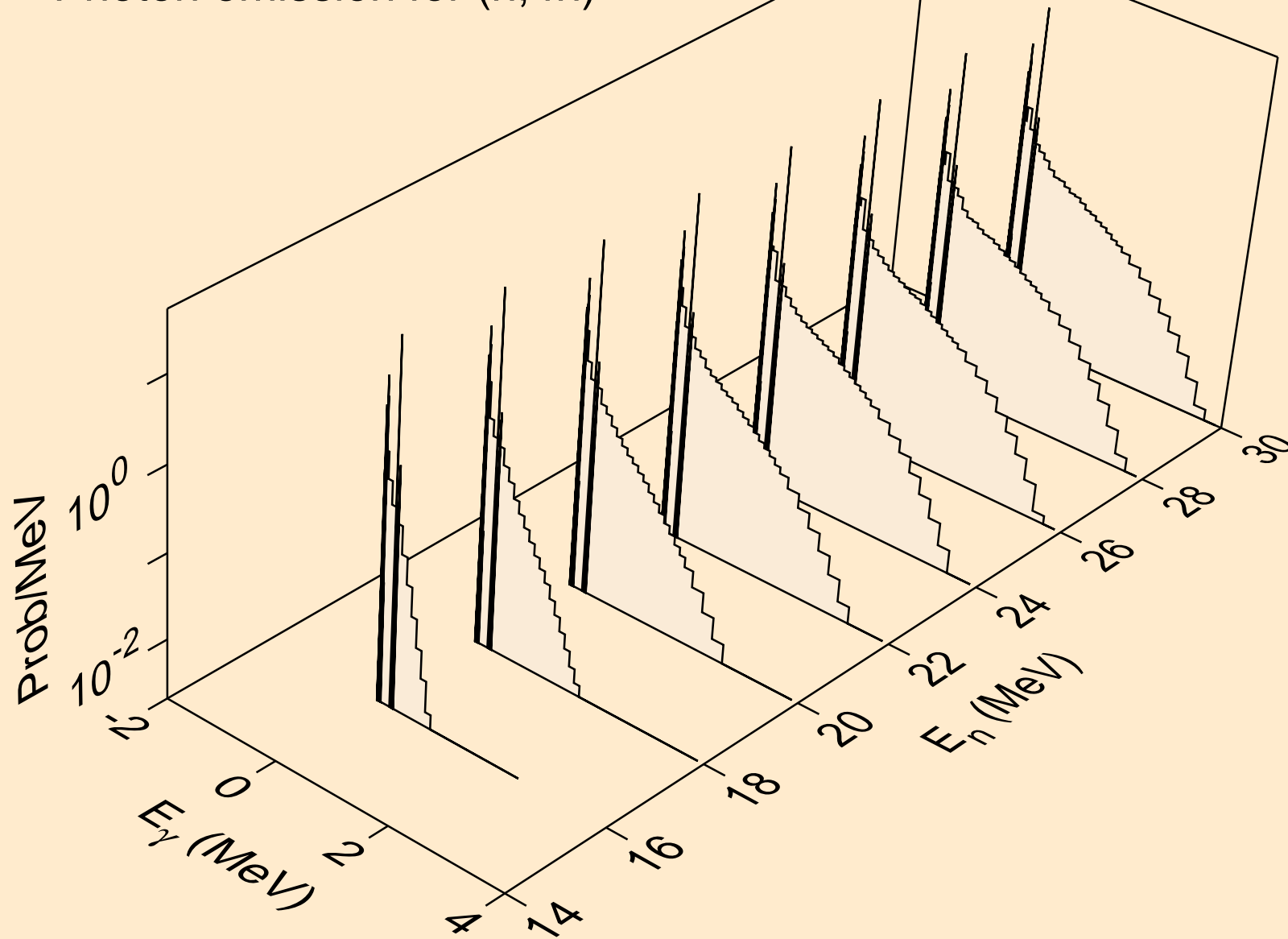




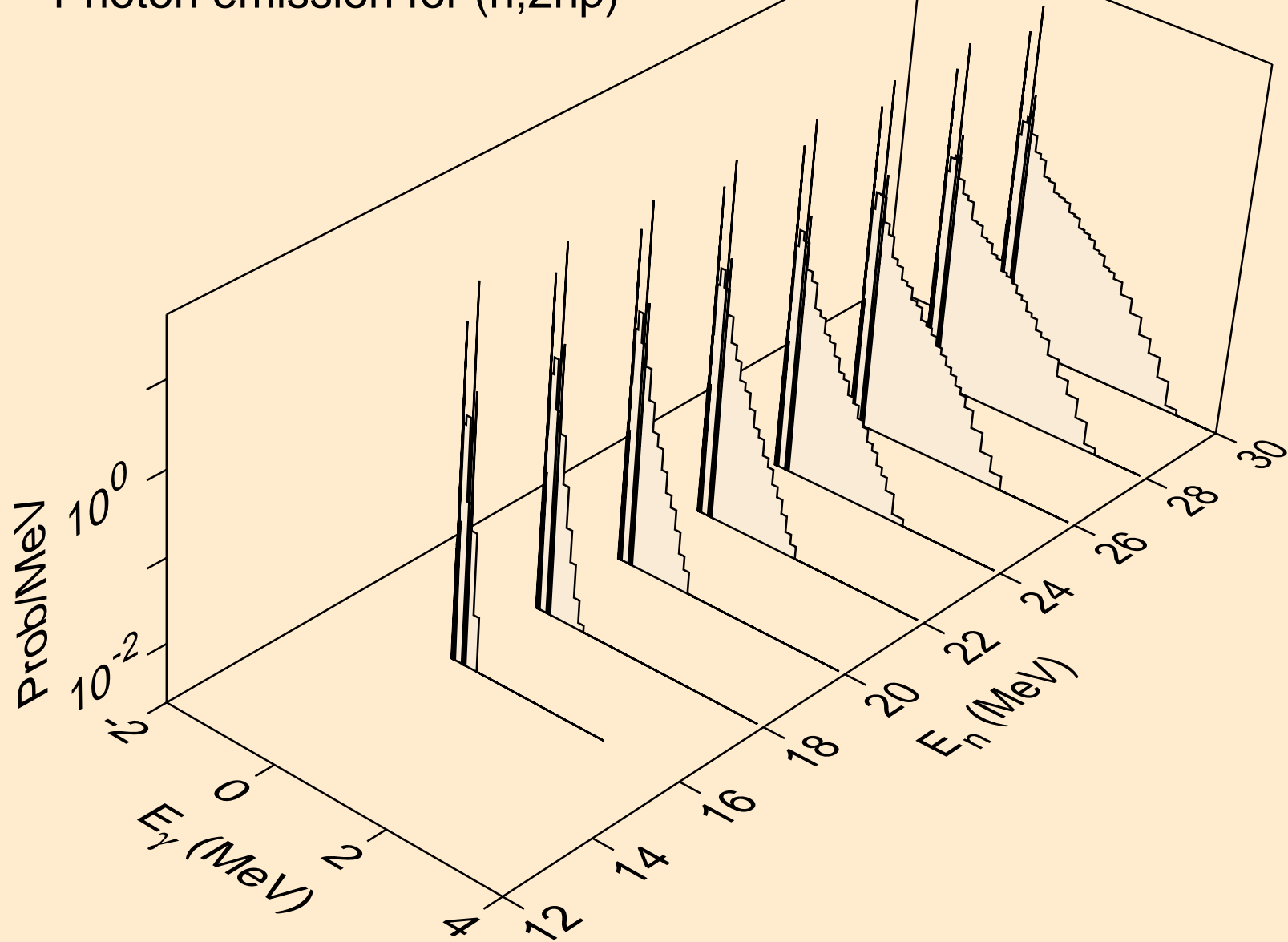
AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



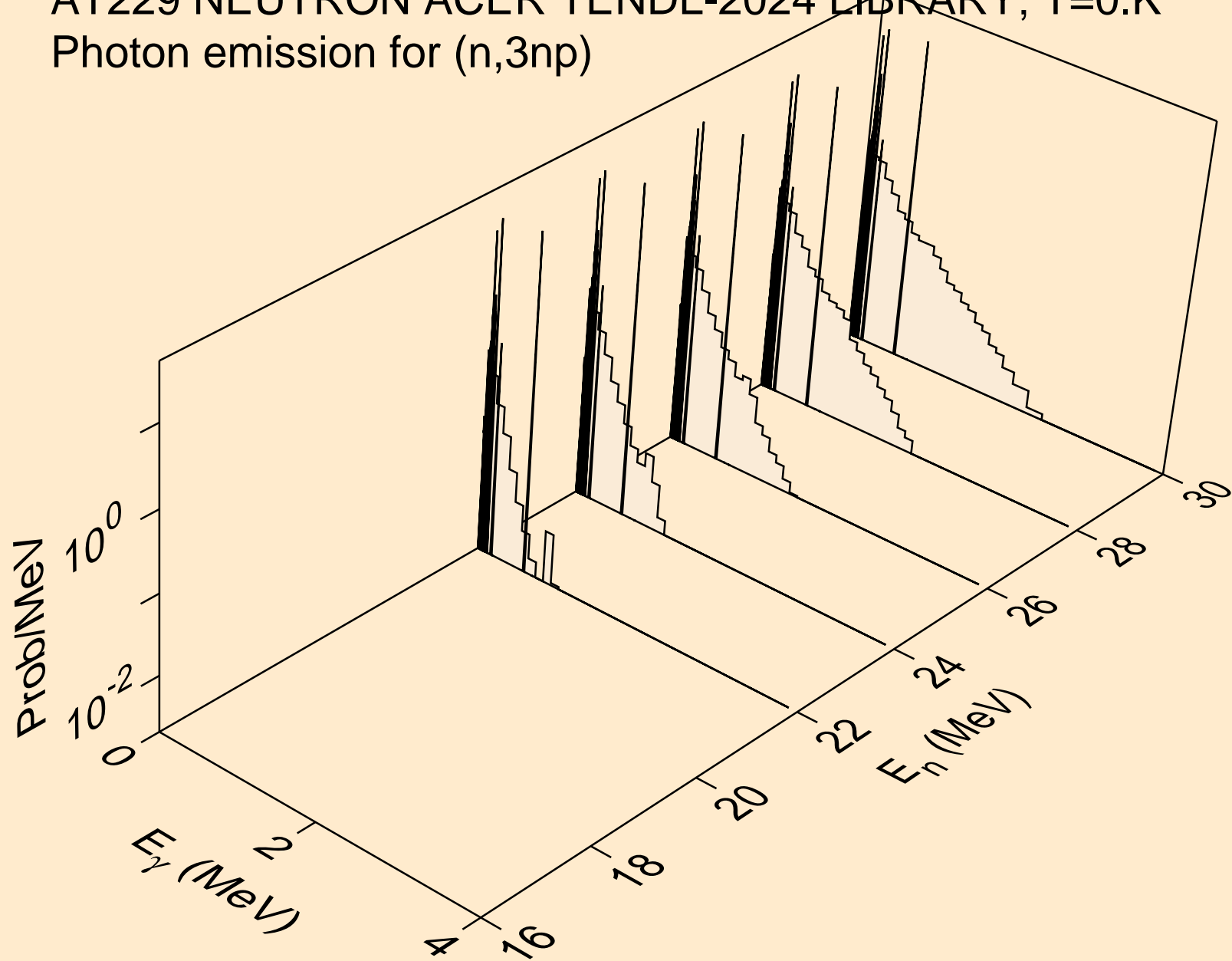
AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



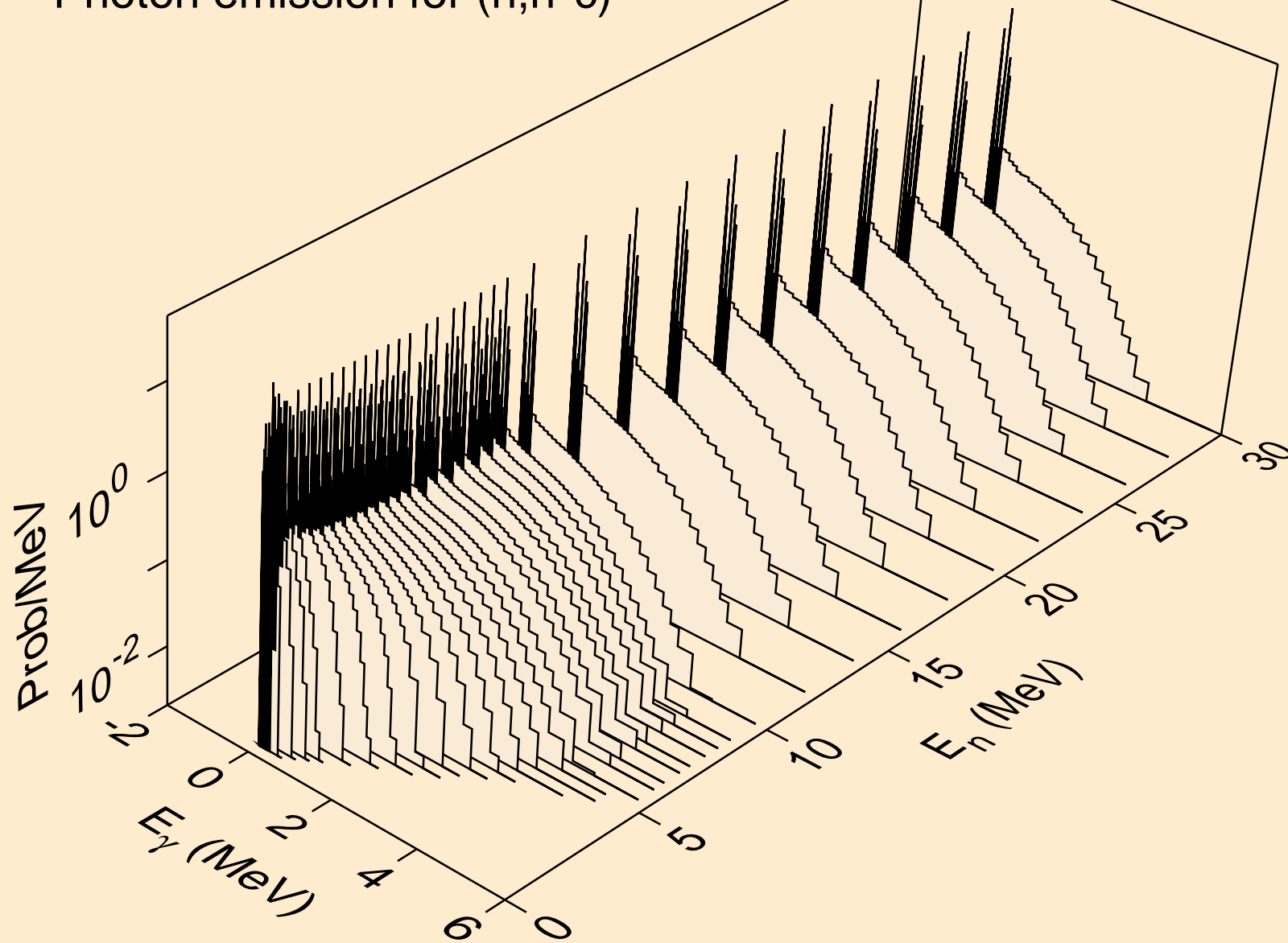
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Photon emission for (n,2np)



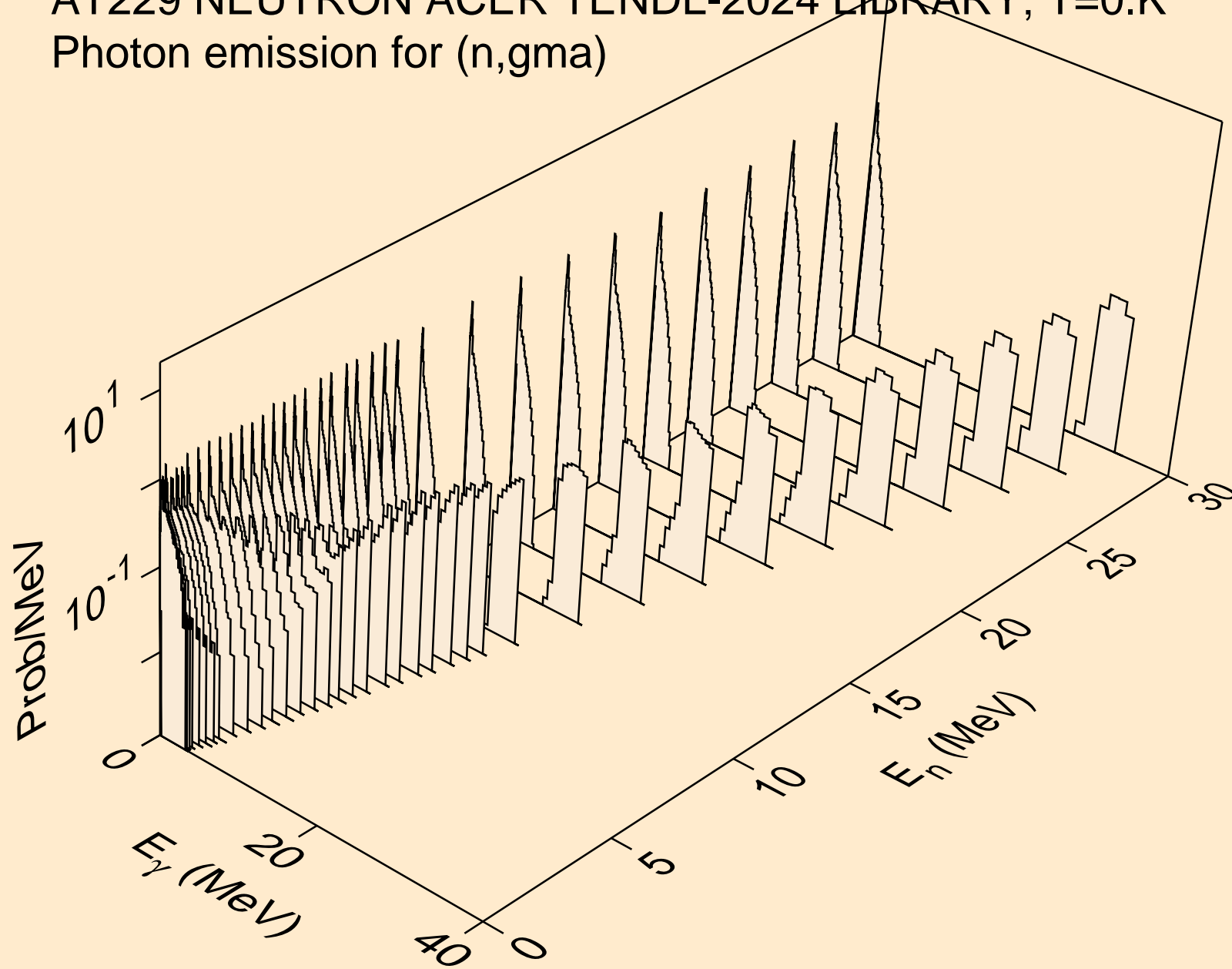
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Photon emission for (n,3np)



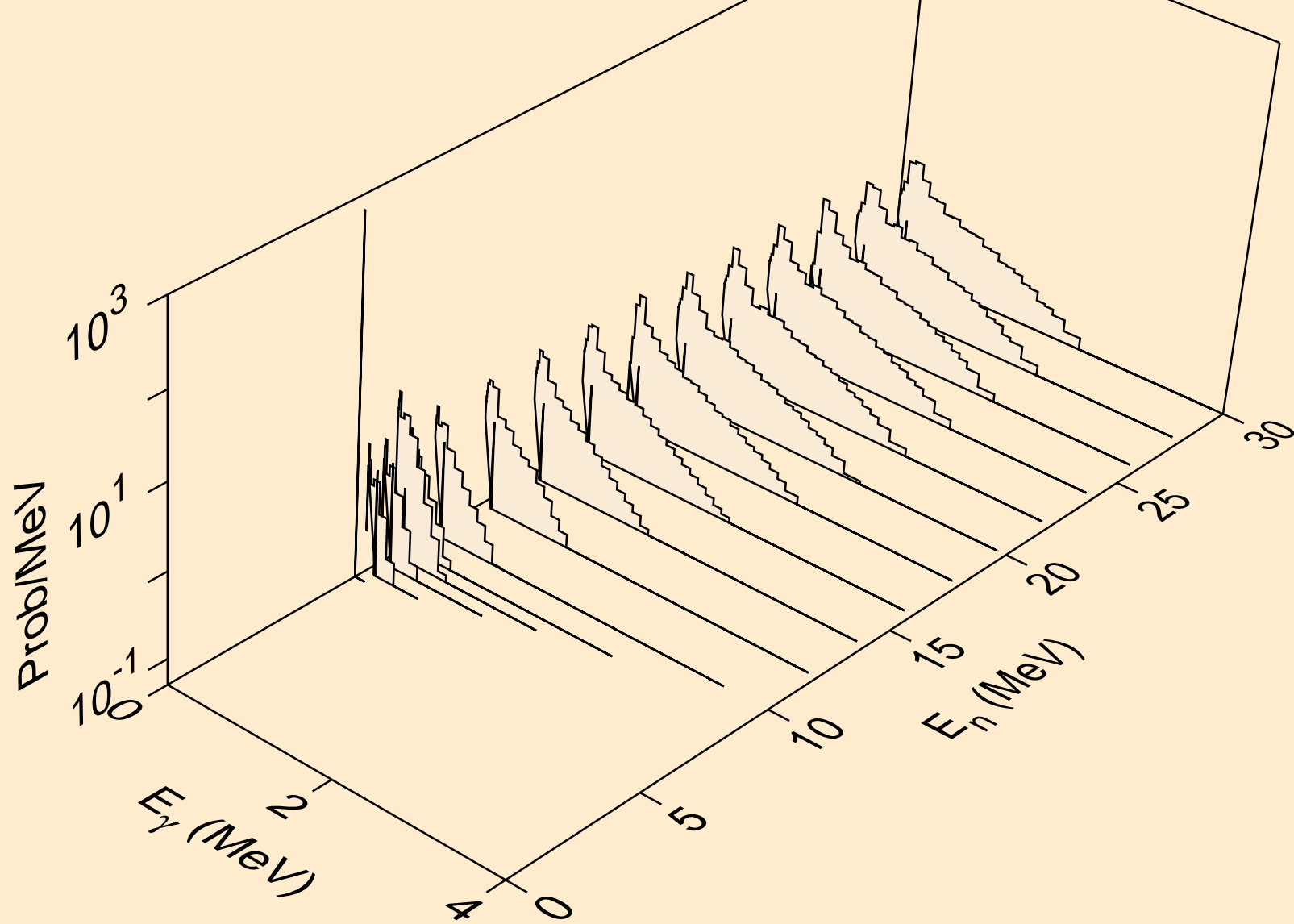
AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



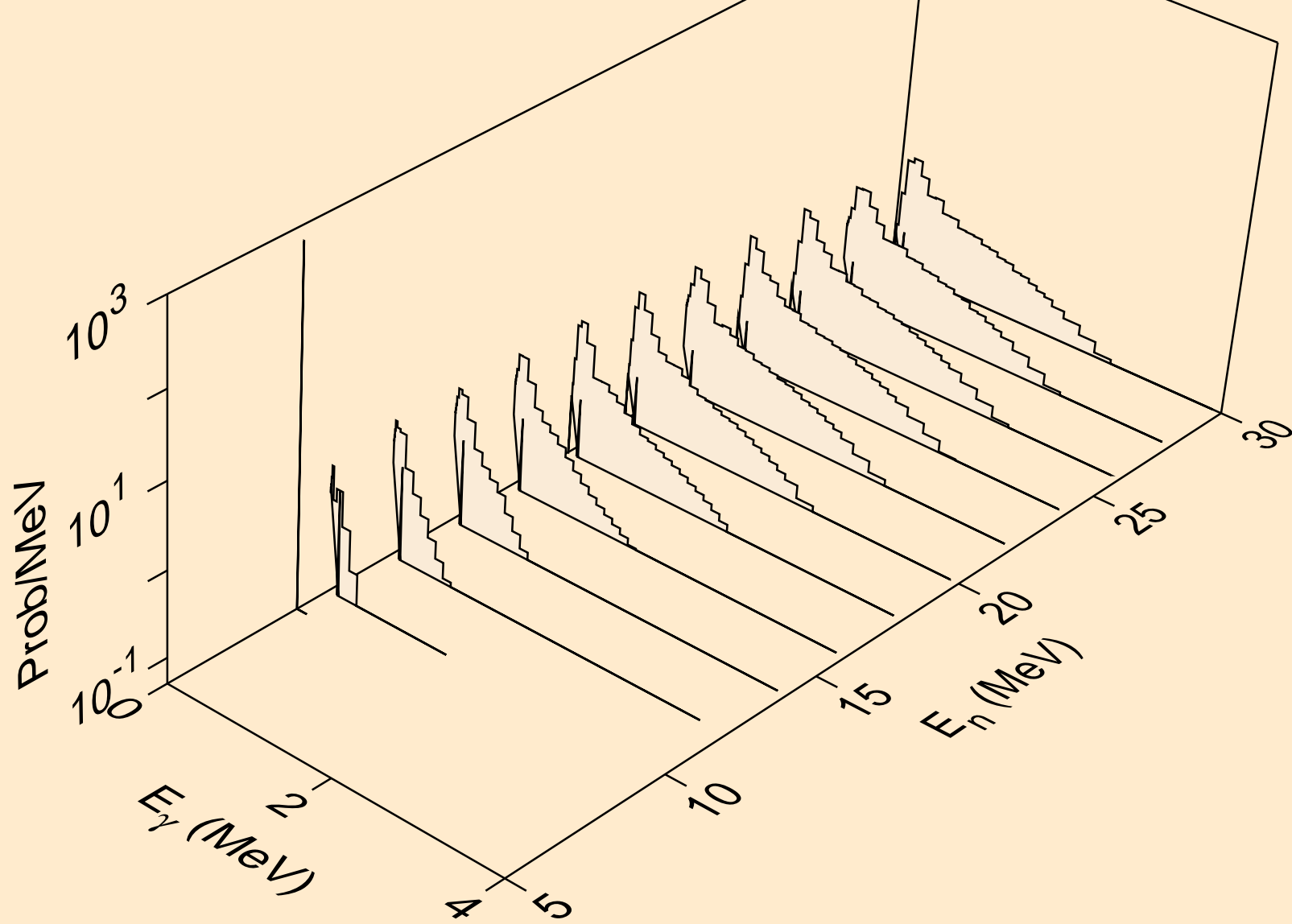
AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)

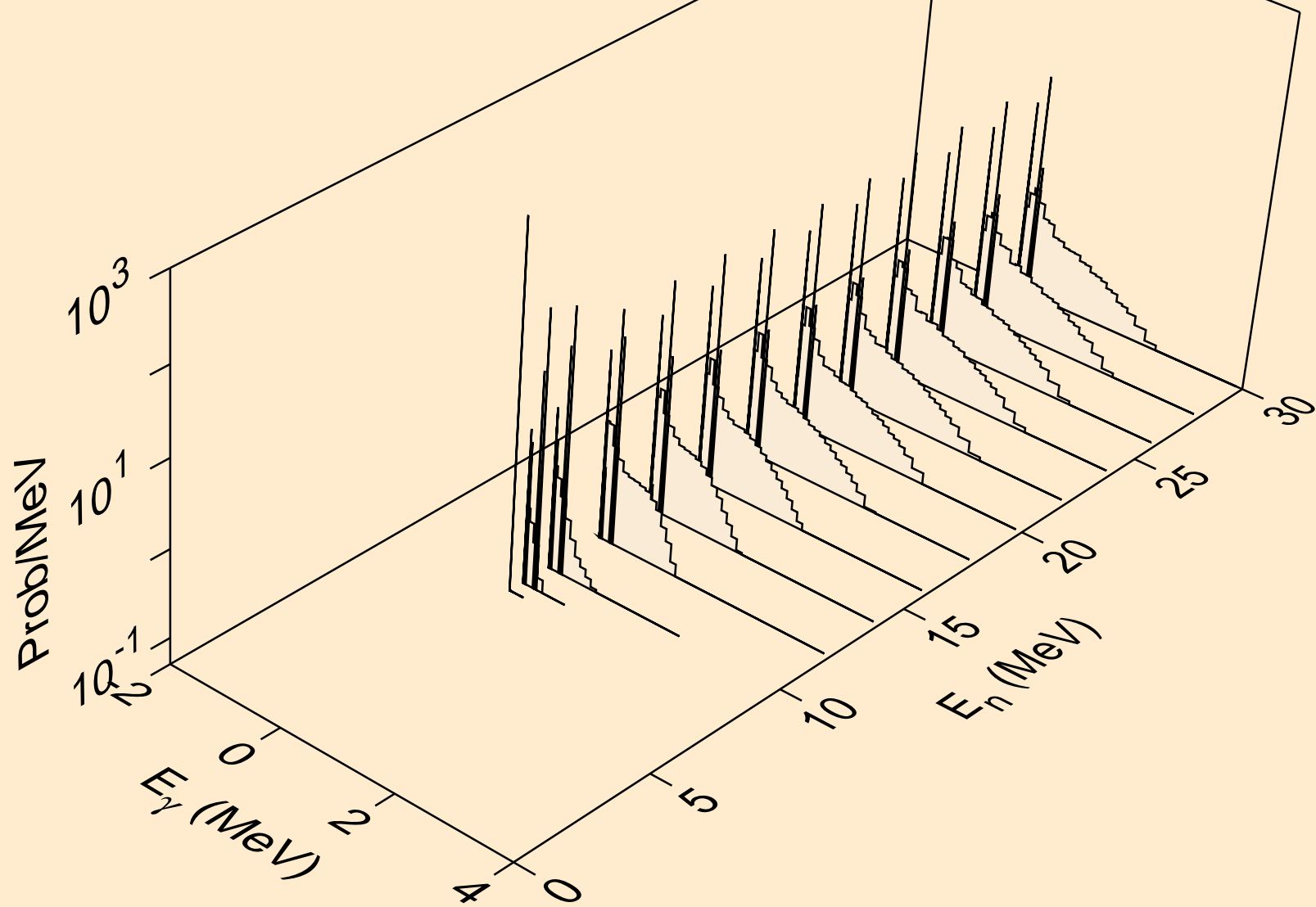


AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)

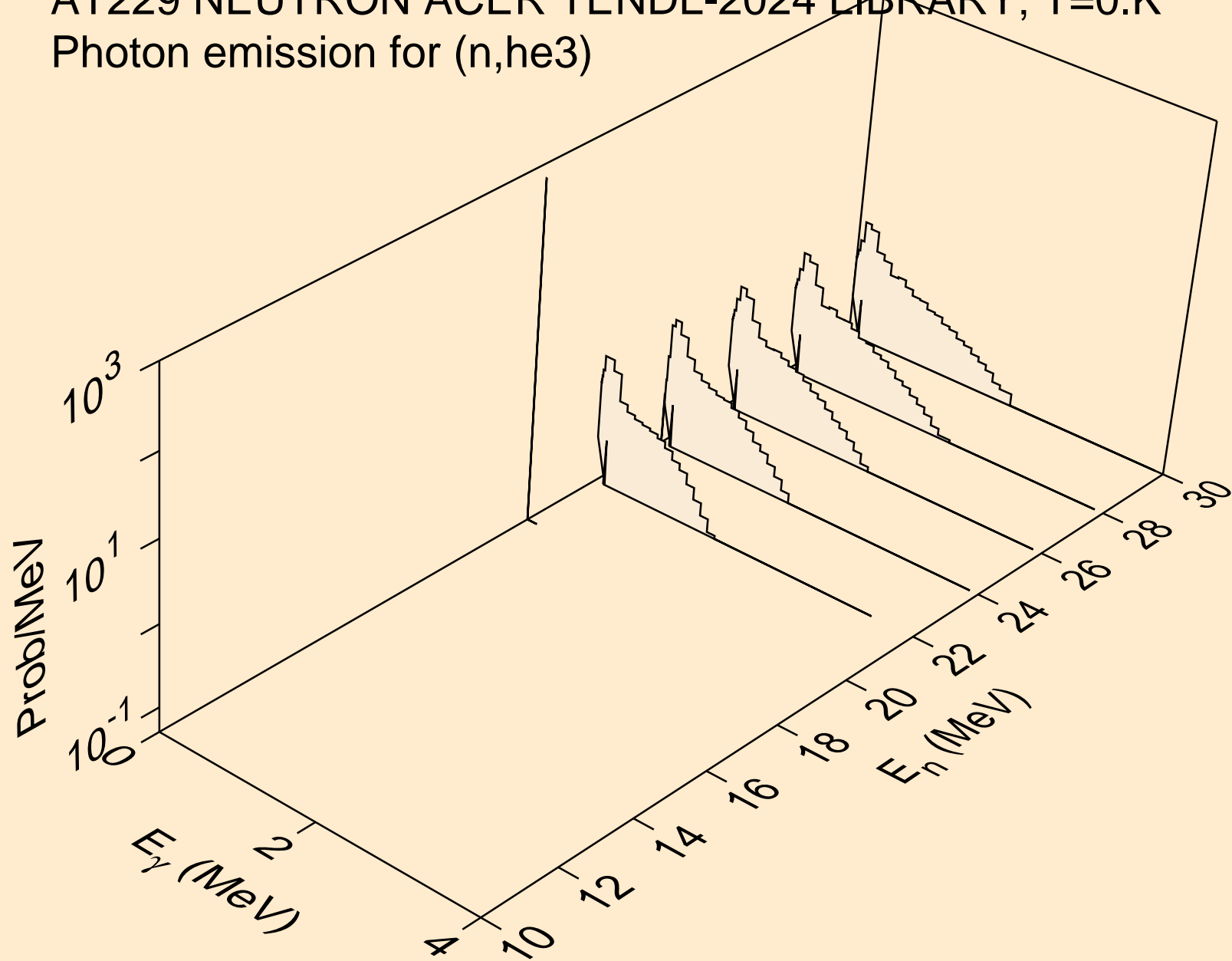




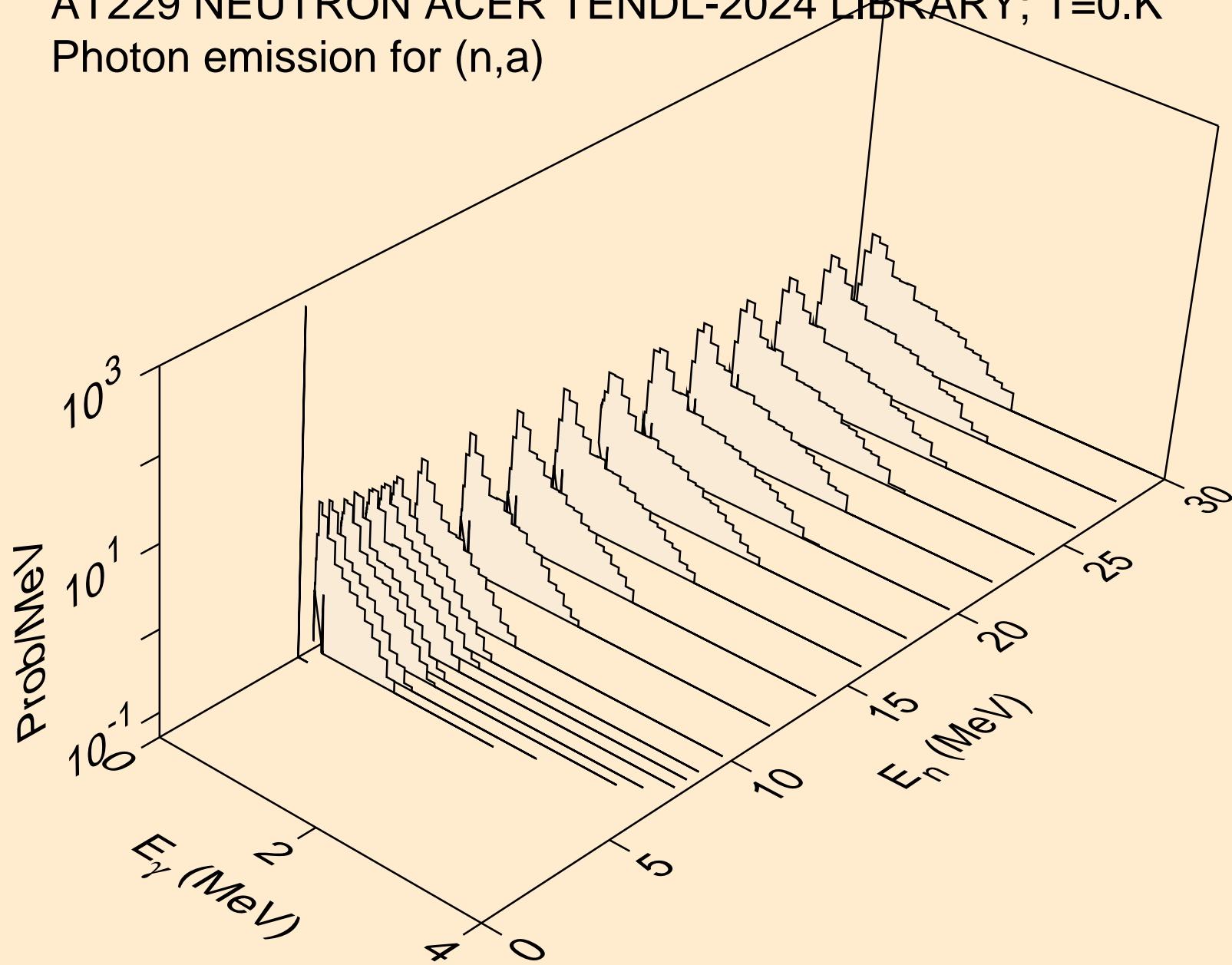
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Photon emission for (n,t)



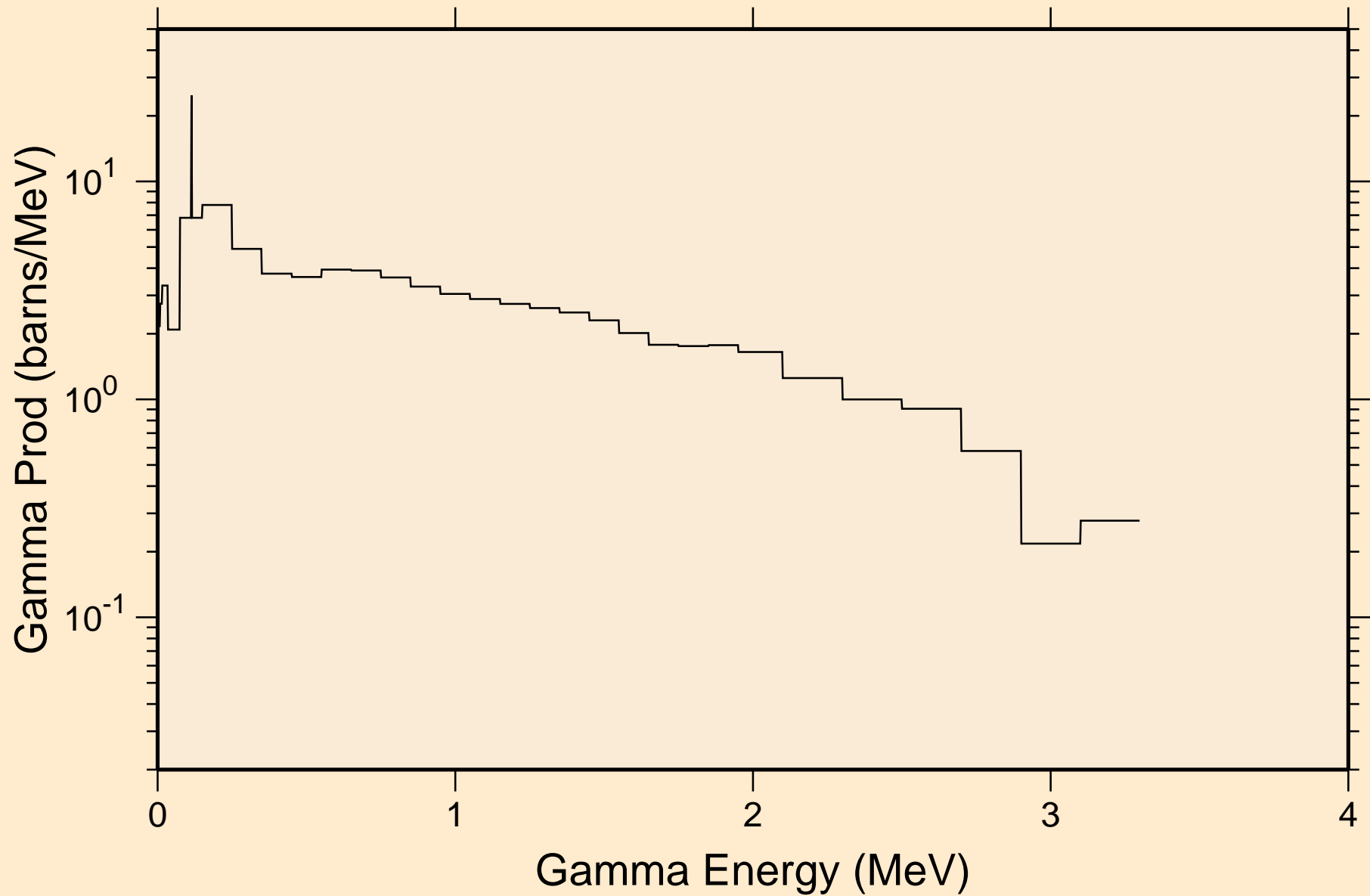
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Photon emission for (n,he3)



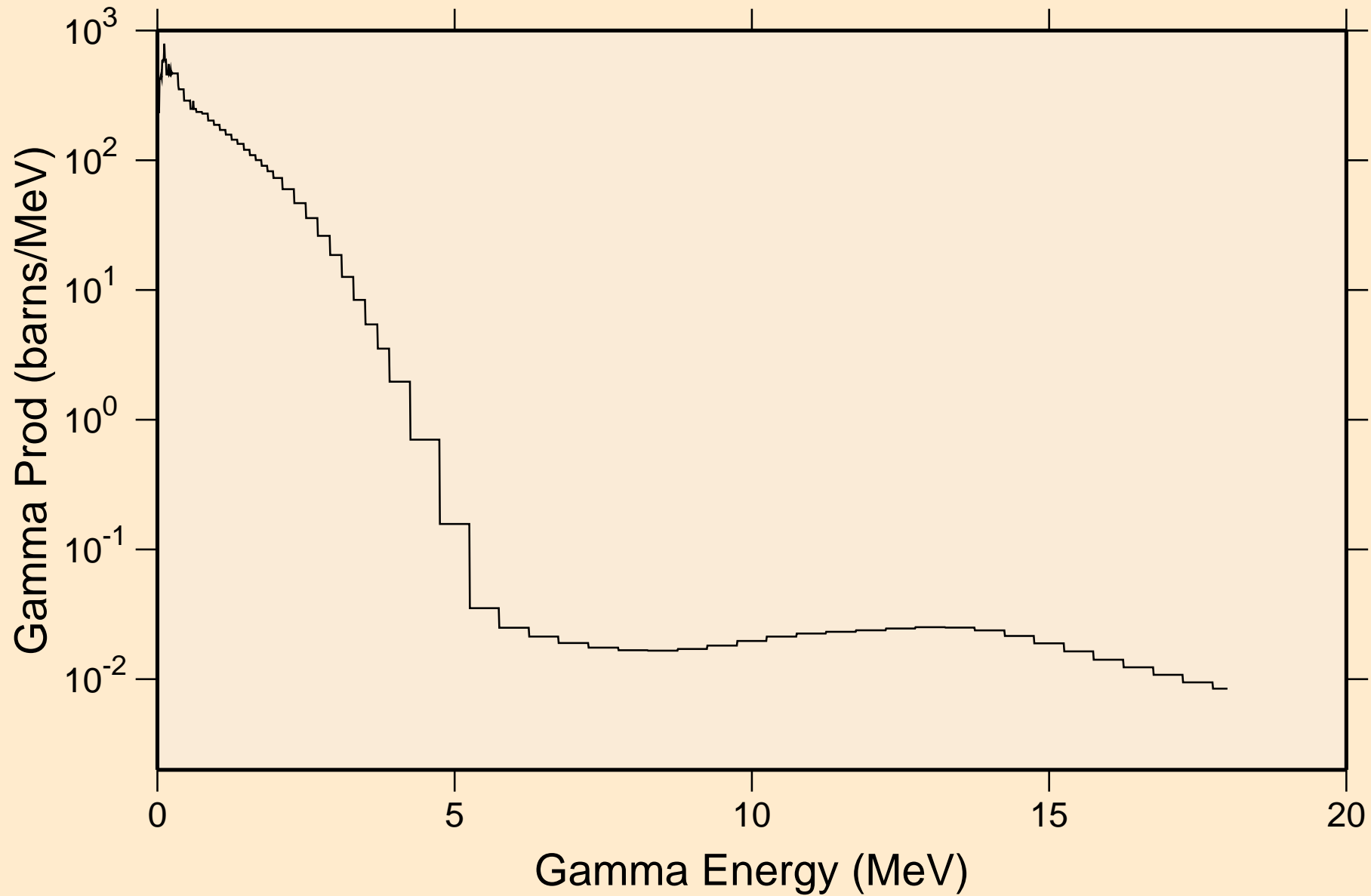
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Photon emission for (n,a)



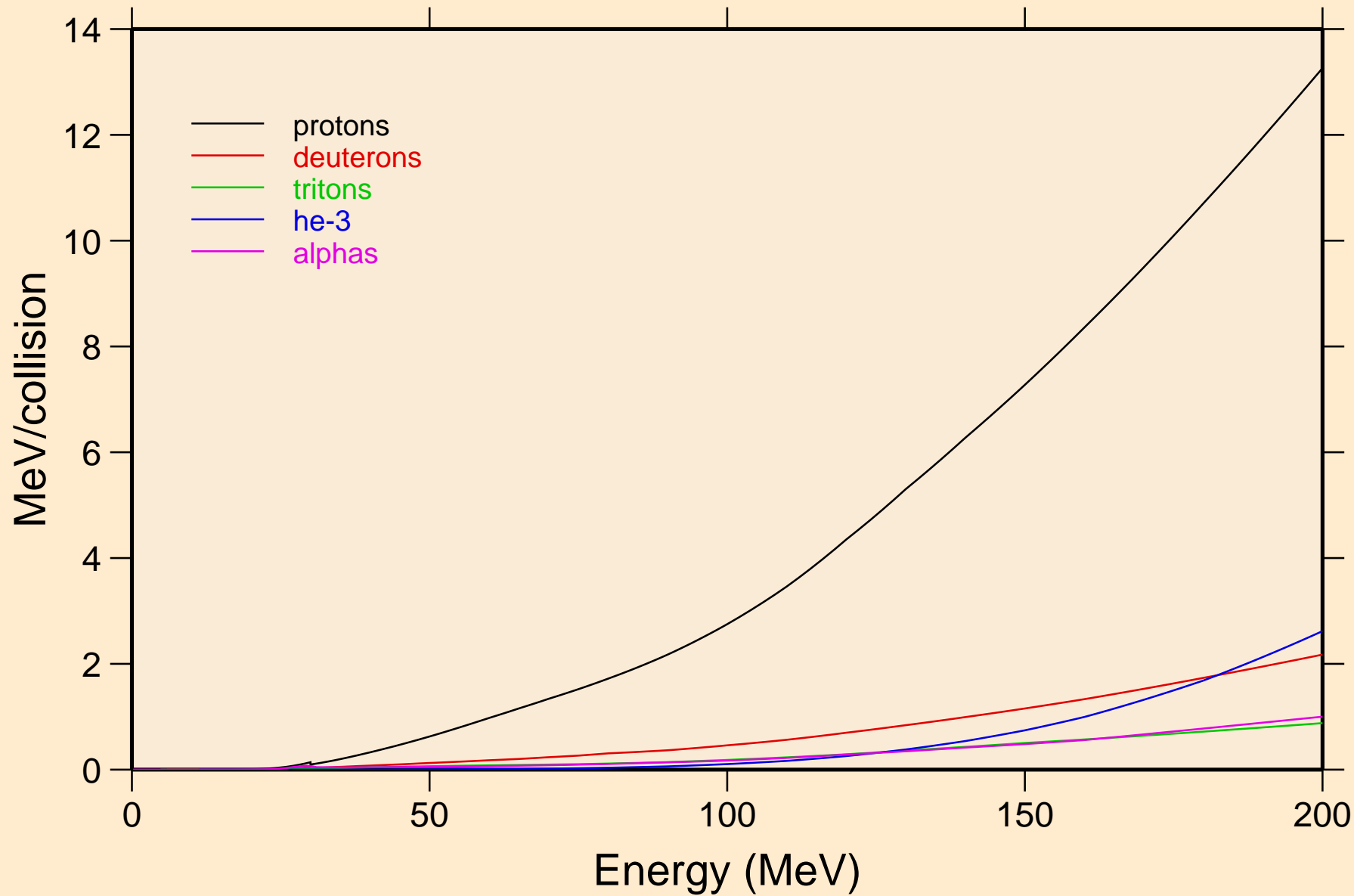
AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum



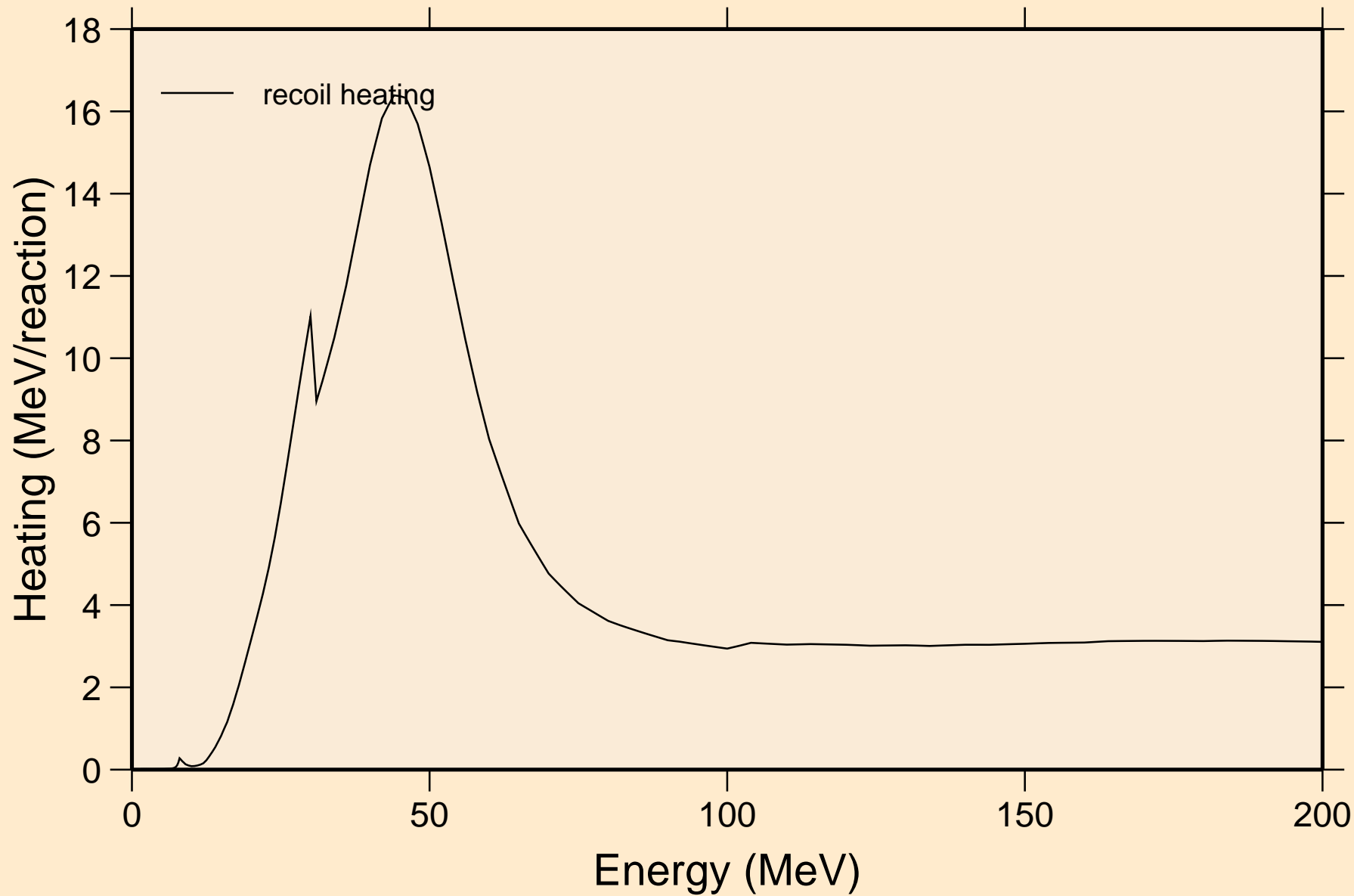
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14 MeV photon spectrum



AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle heating contributions

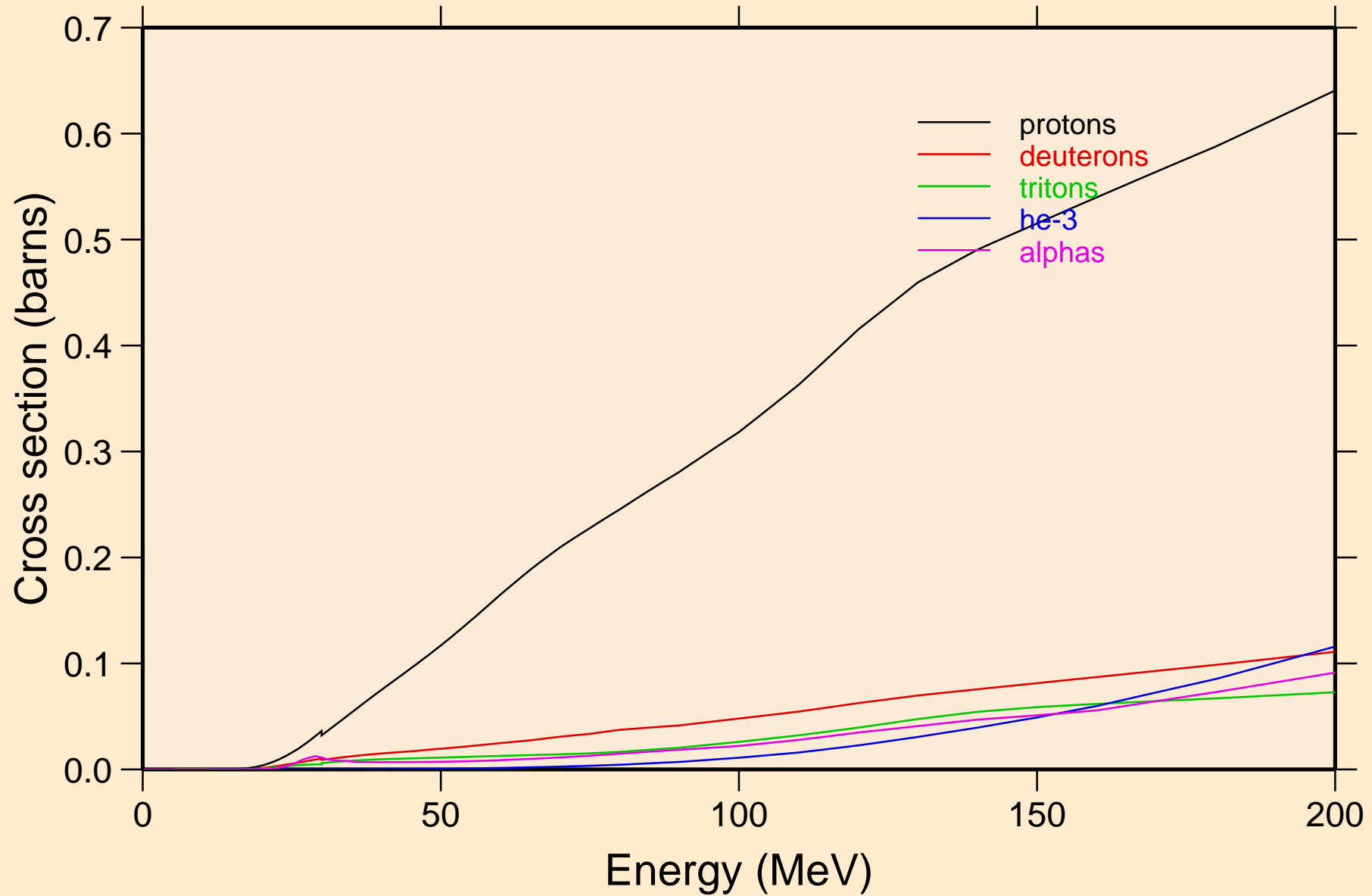


AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating



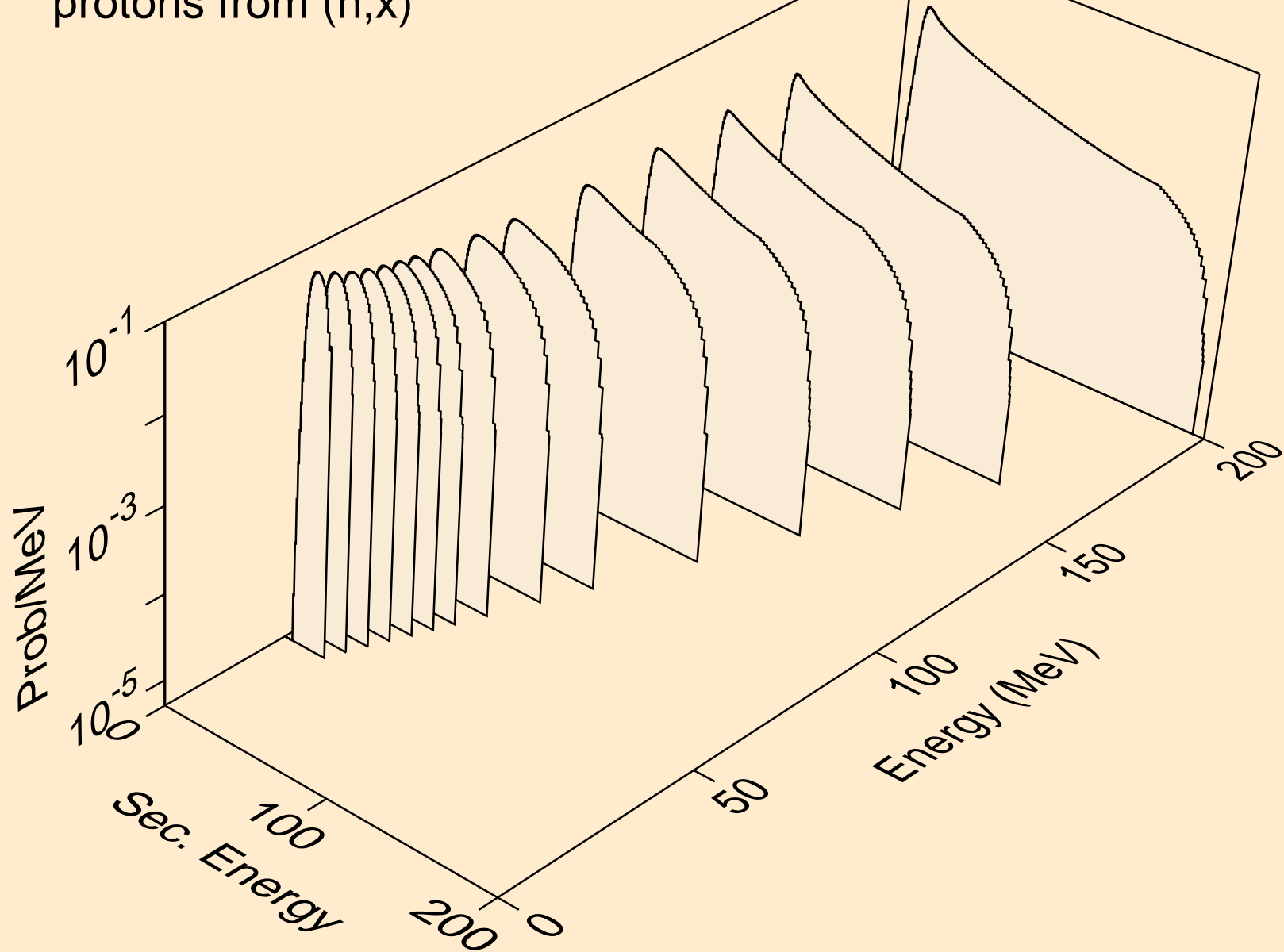
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## Particle production cross sections

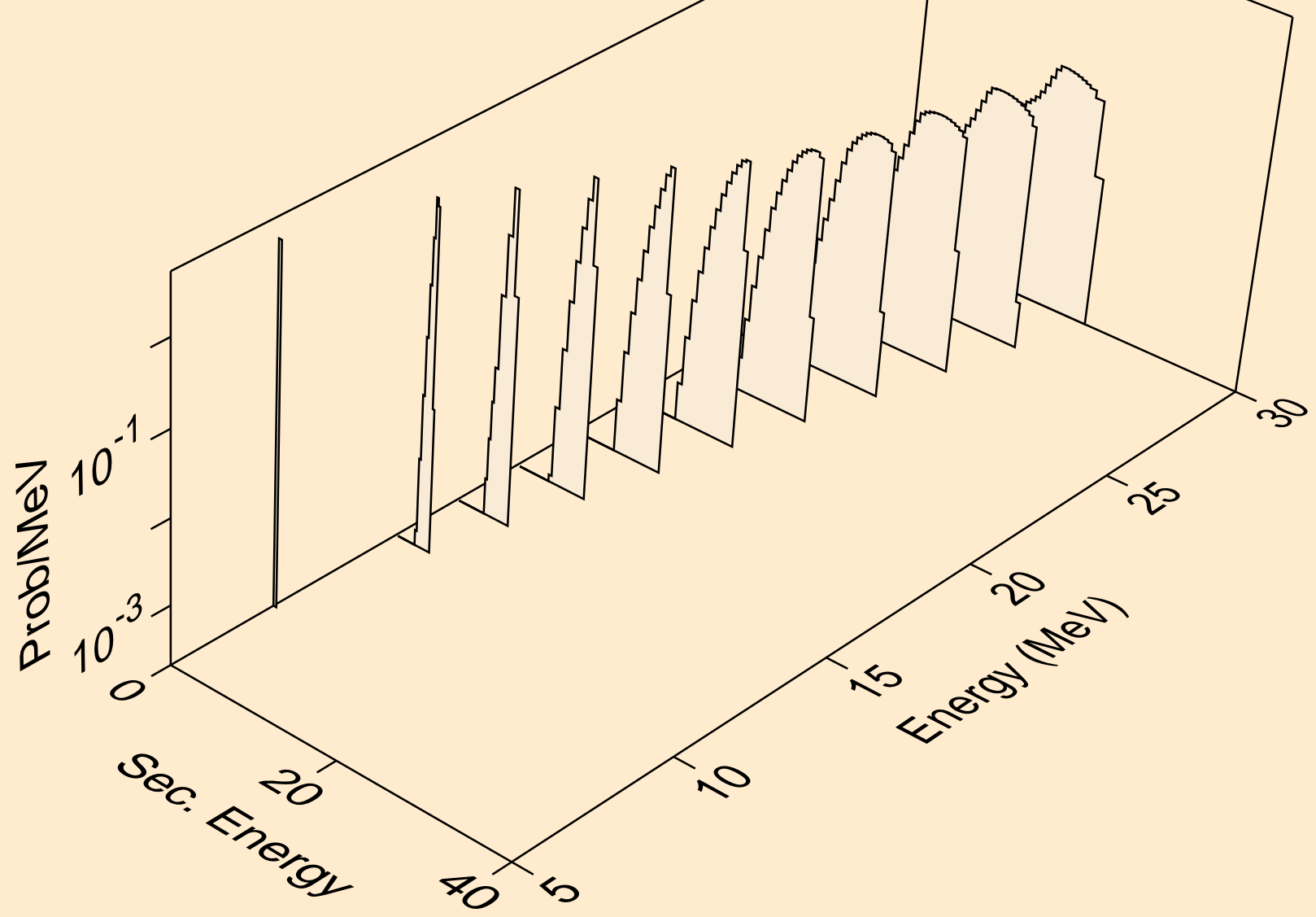




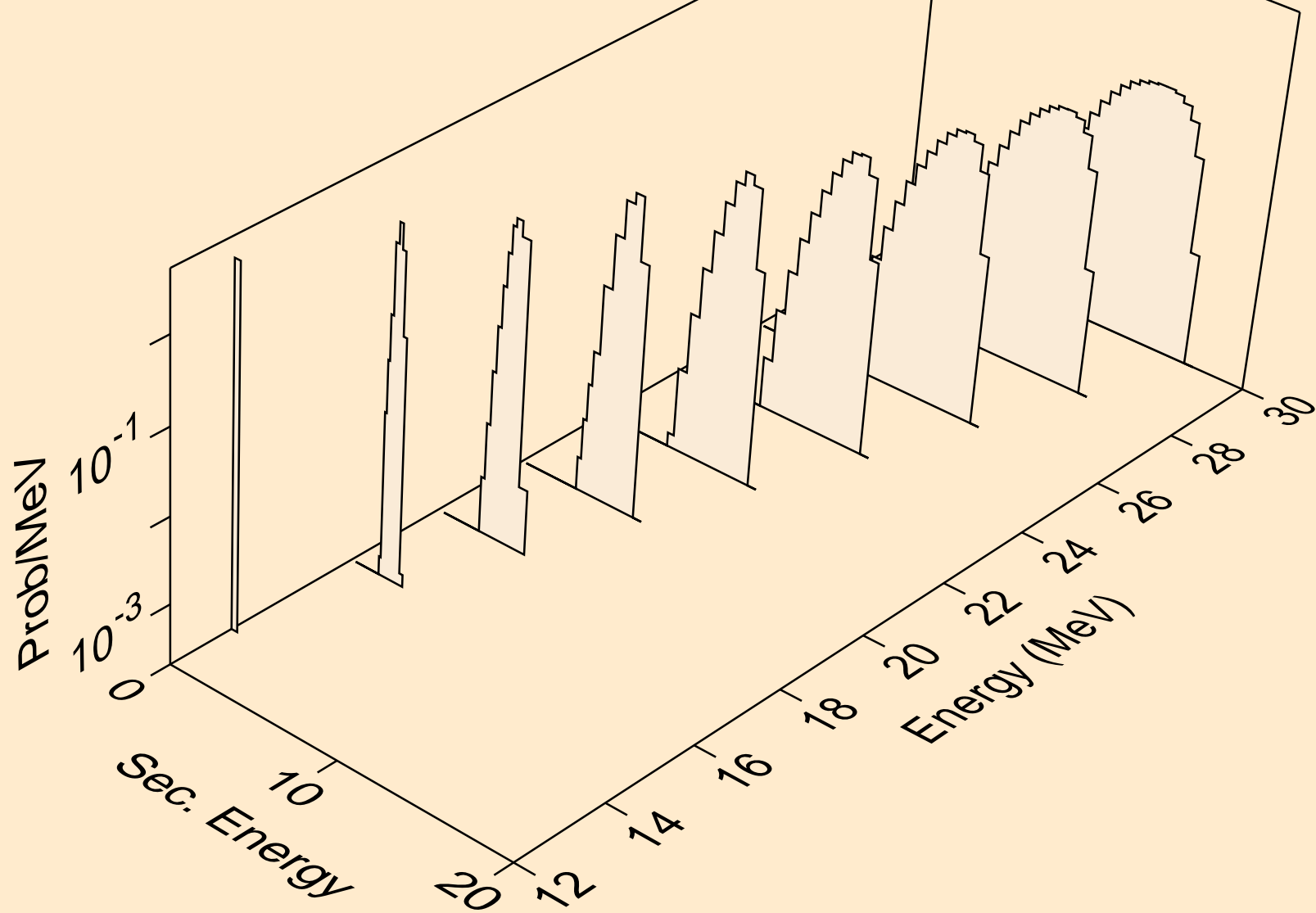
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protons from (n,x)



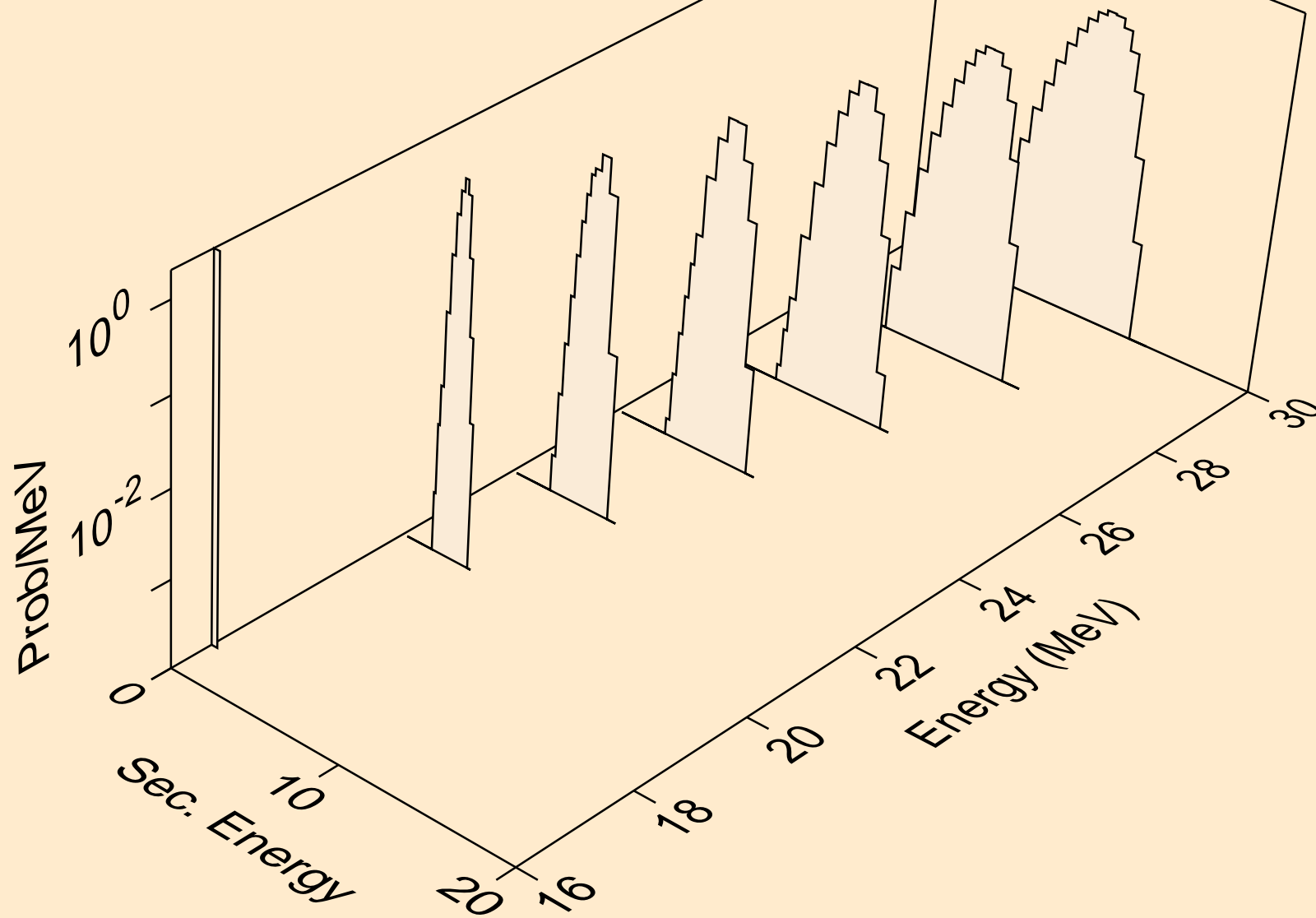
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protons from (n,n\*)p



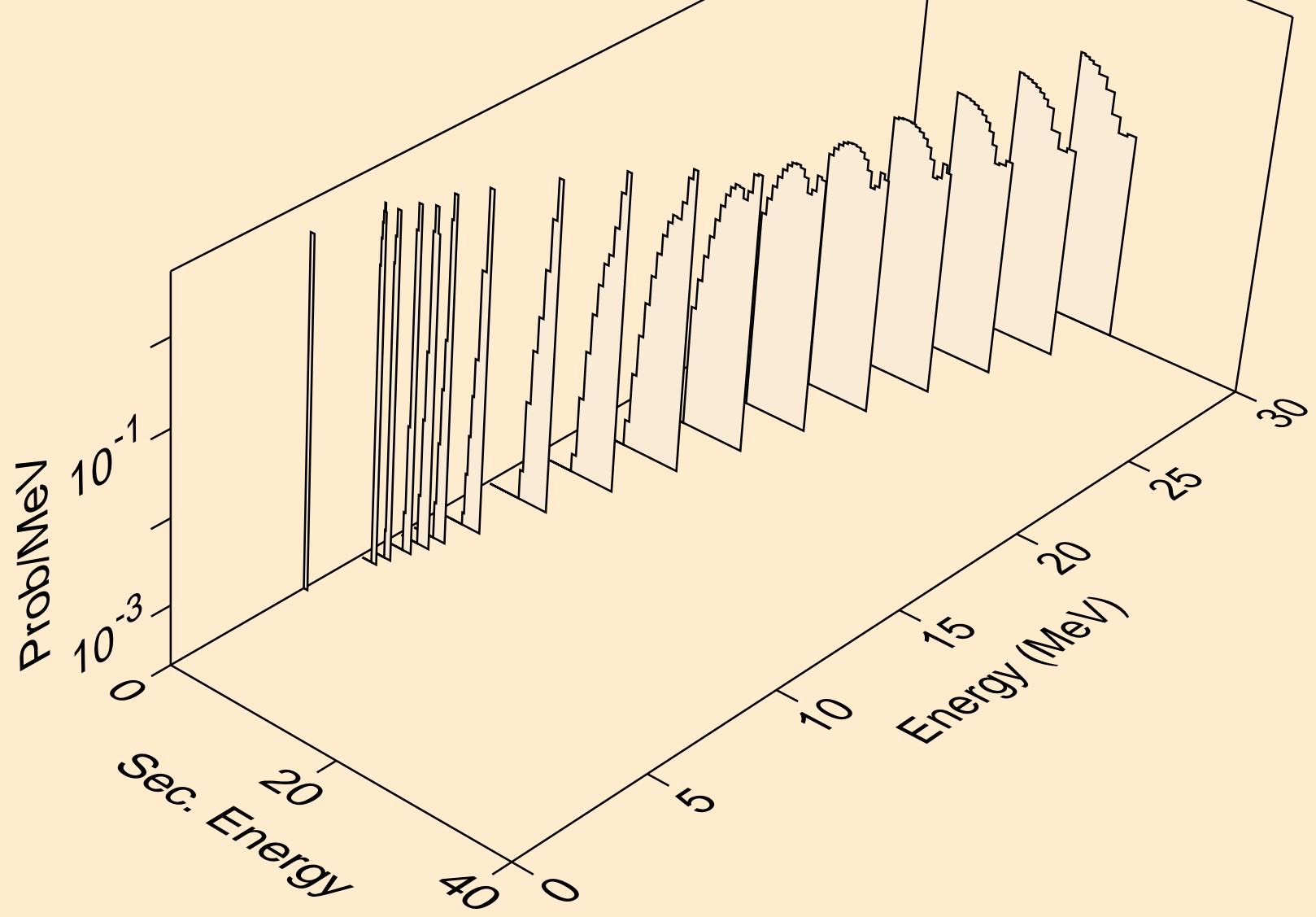
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protons from (n,2np)



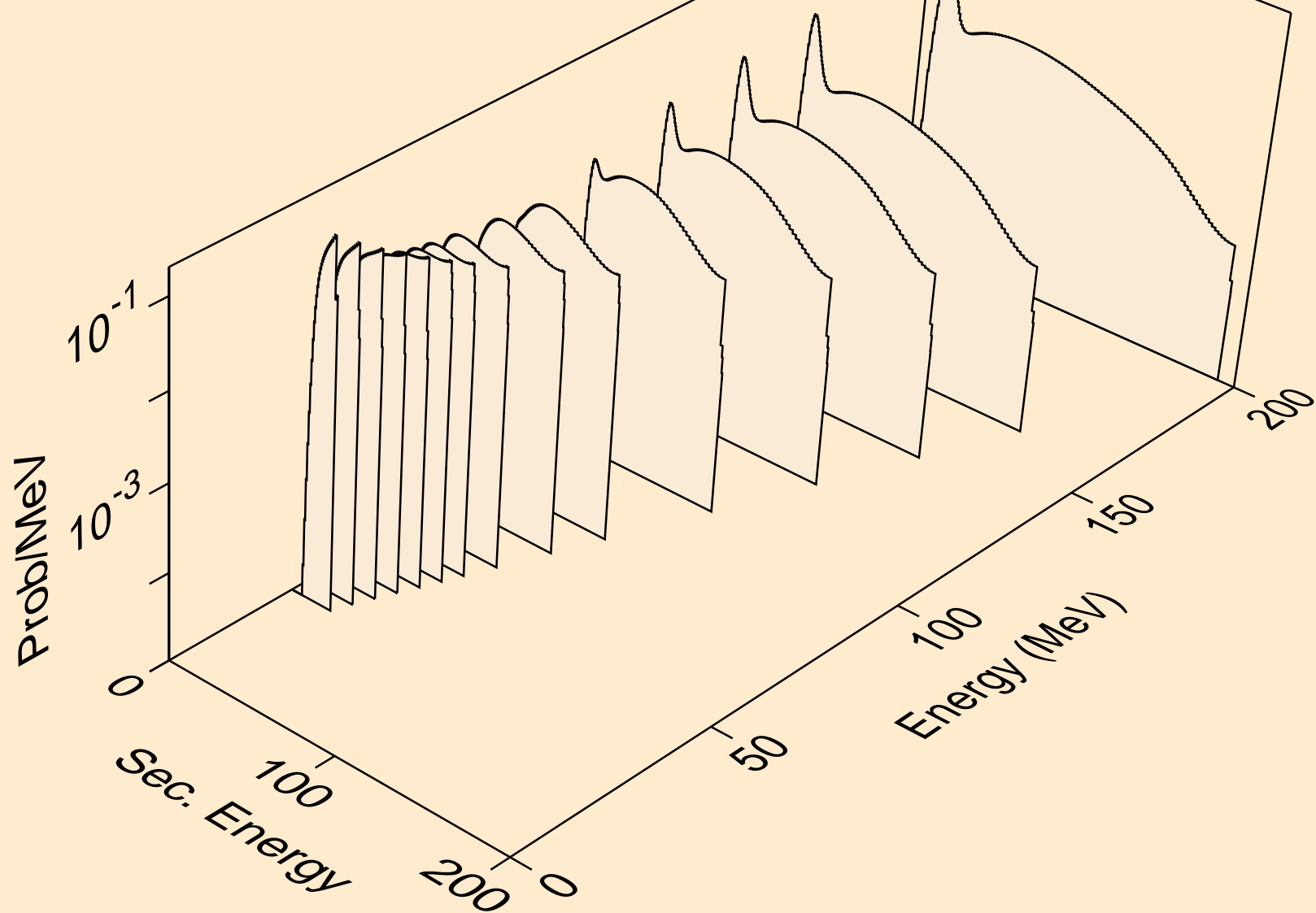
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protons from (n,3np)



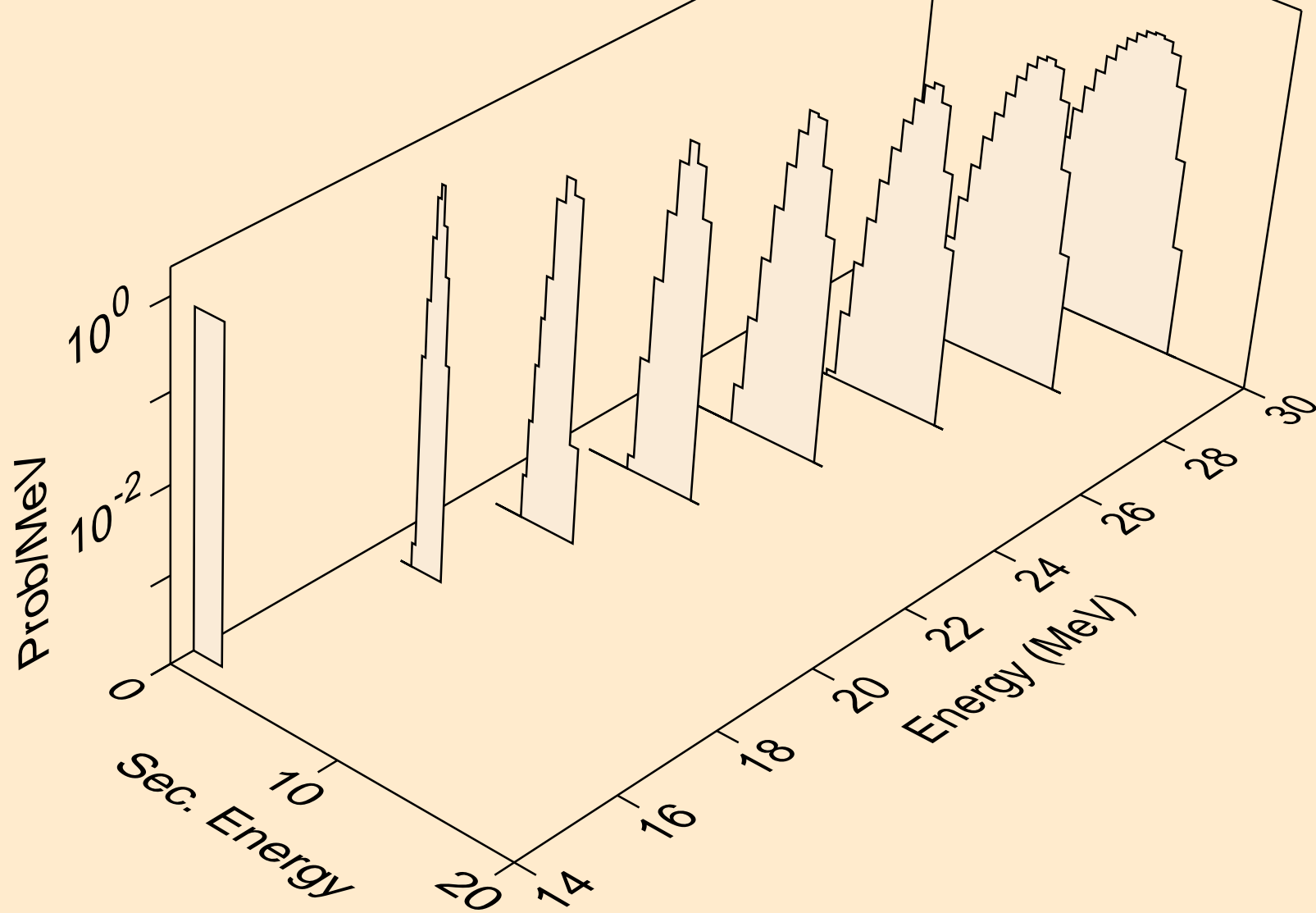
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protons from (n,p)



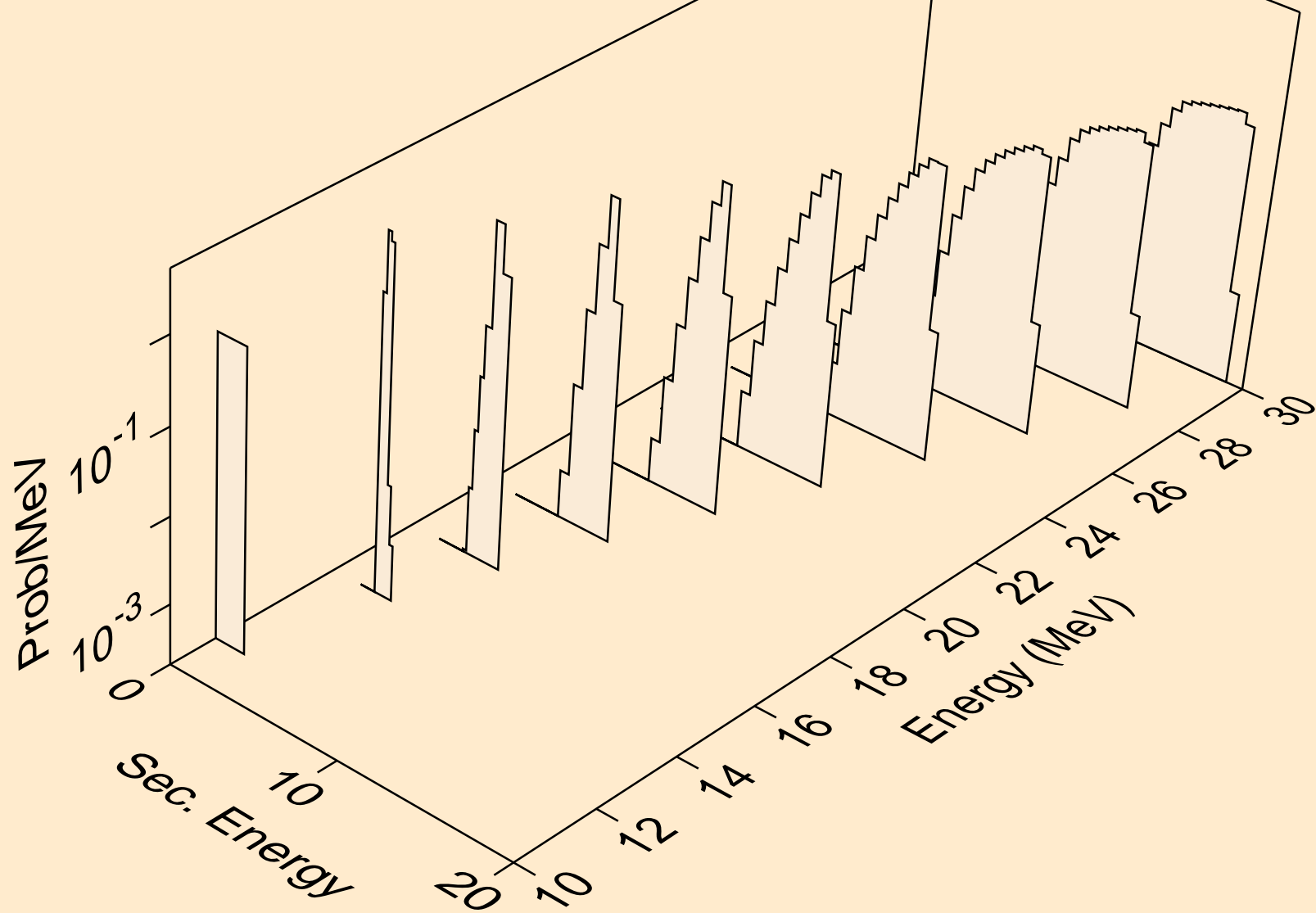
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deuterons from (n,x)



AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,2nd)

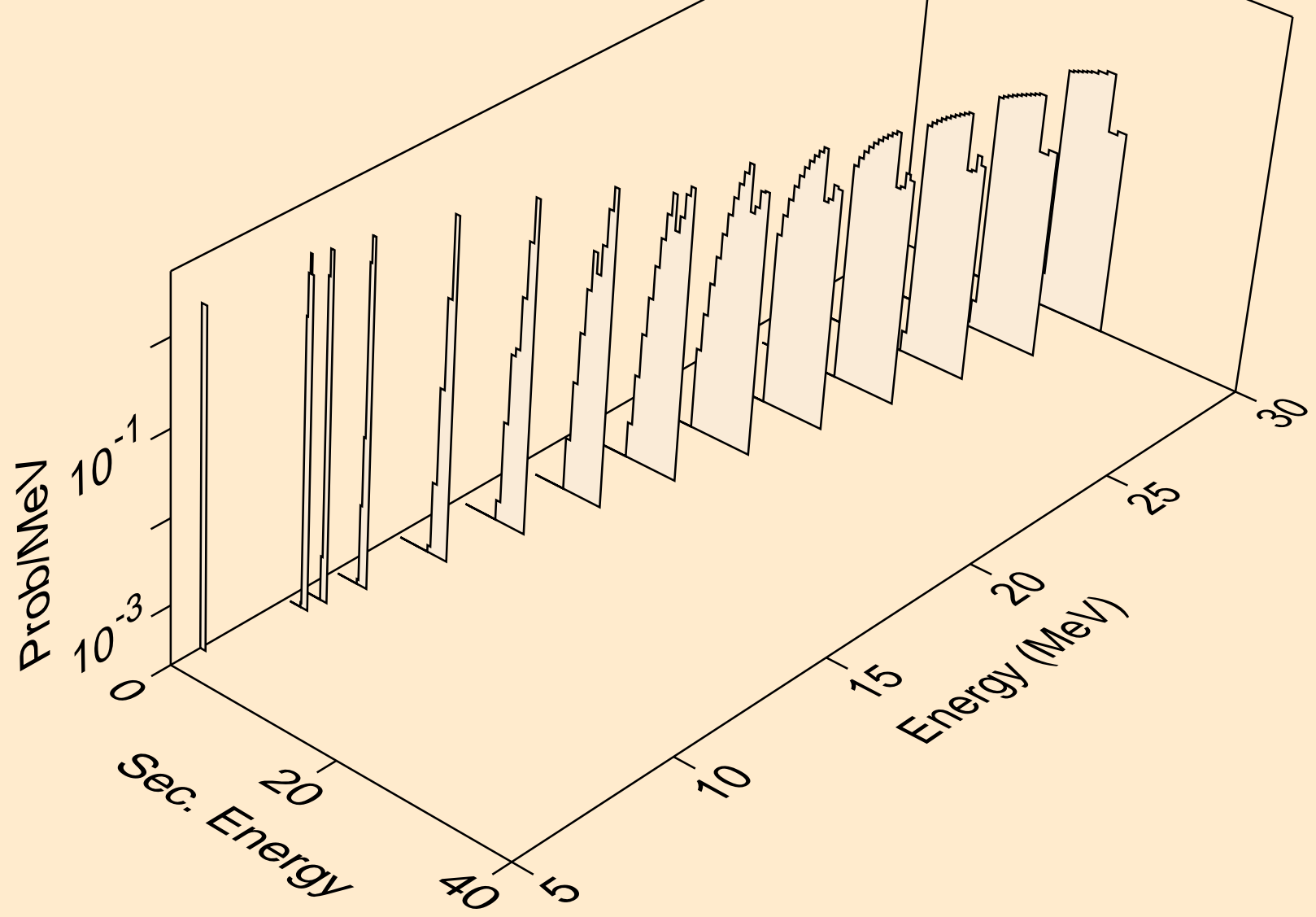


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deuterons from (n,n\*)d

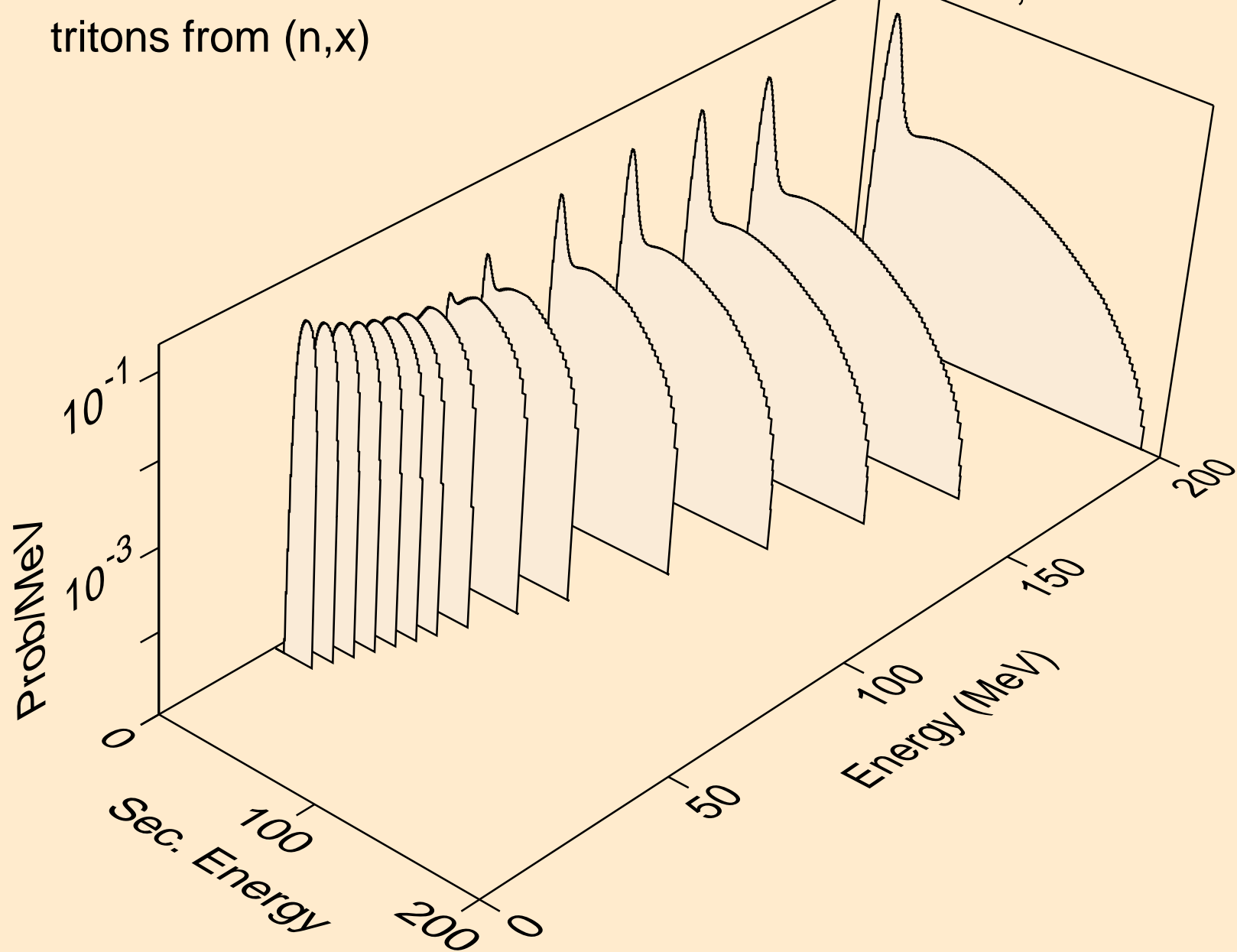




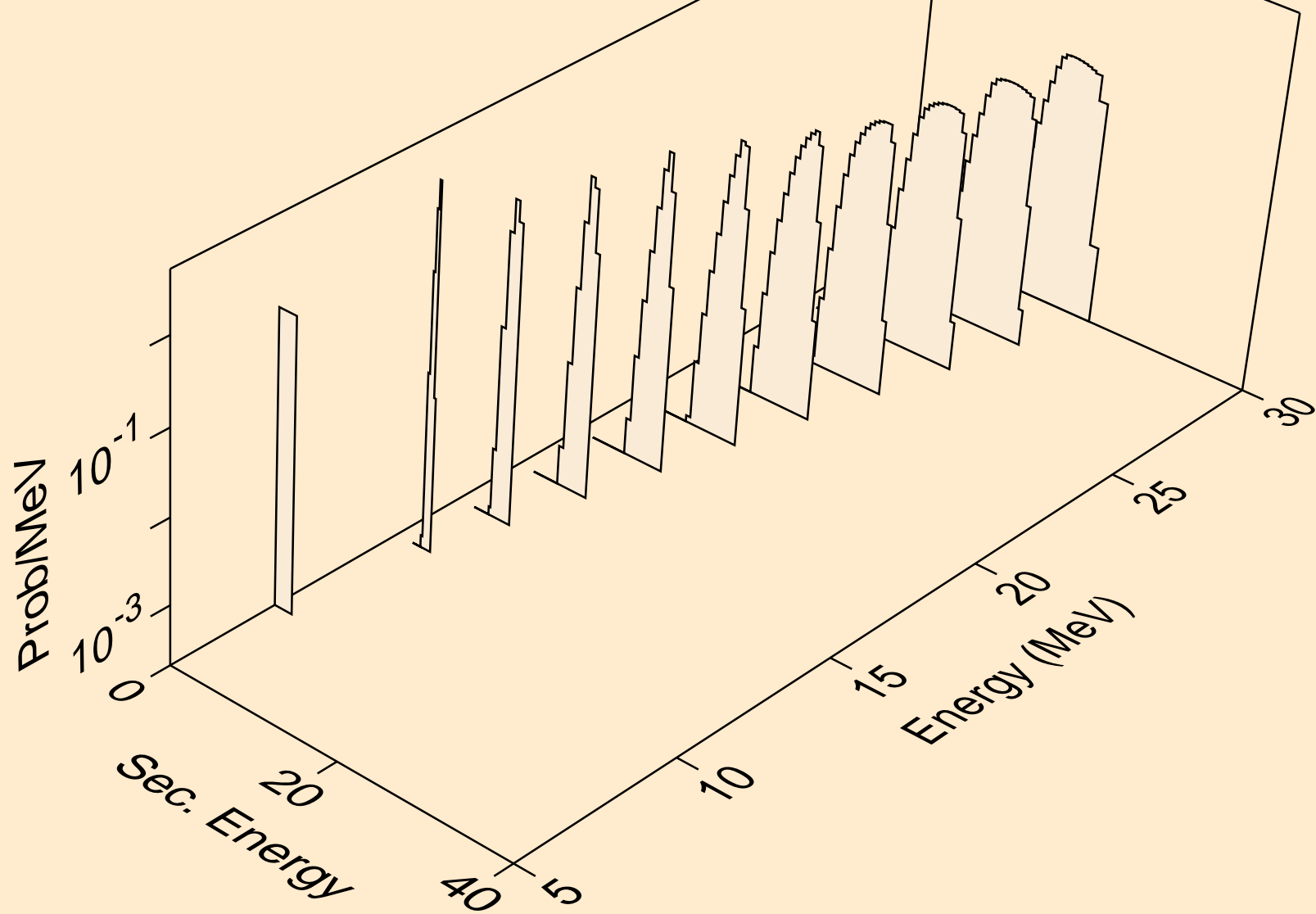
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deuterons from (n,d)



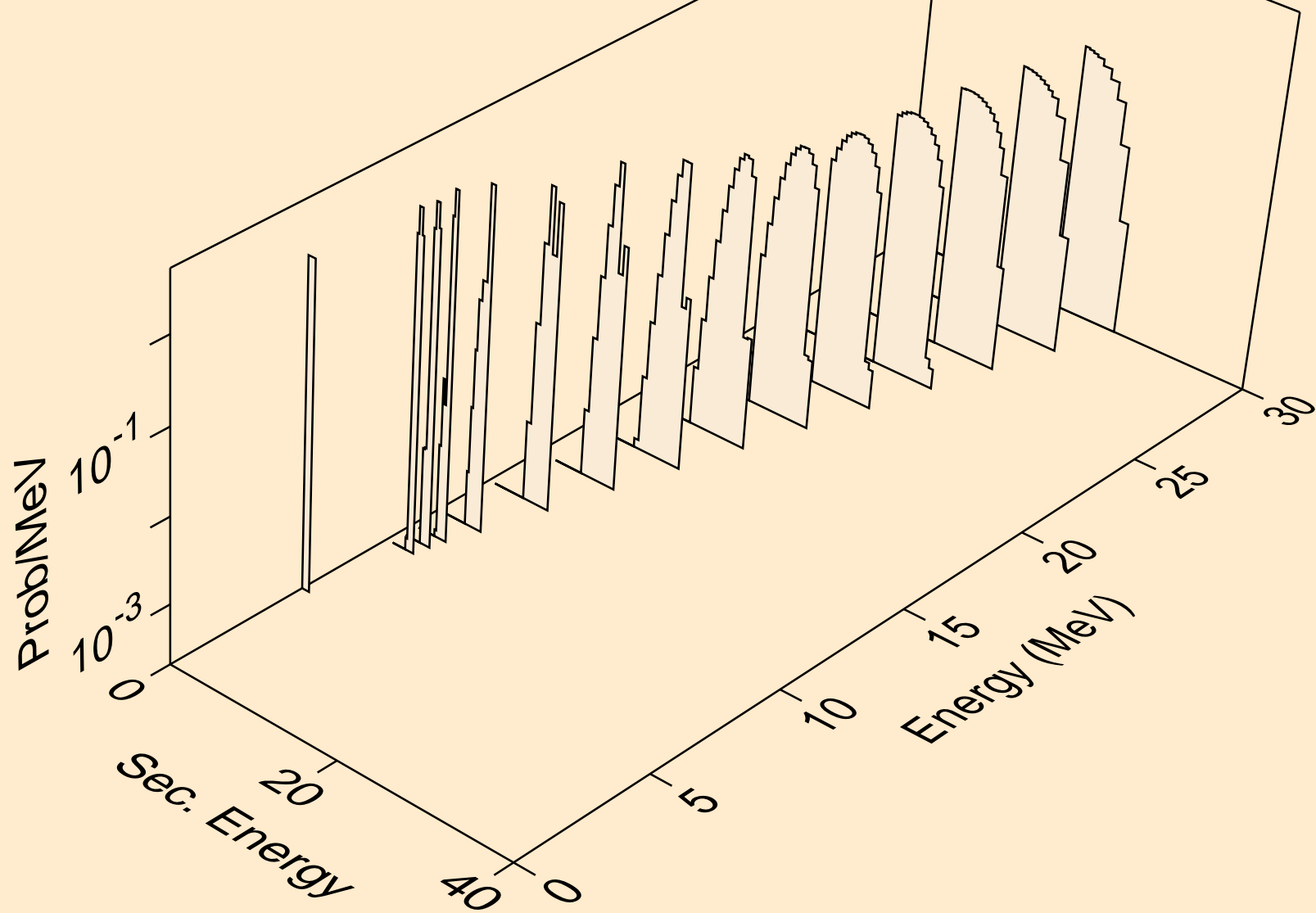
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tritons from (n,x)



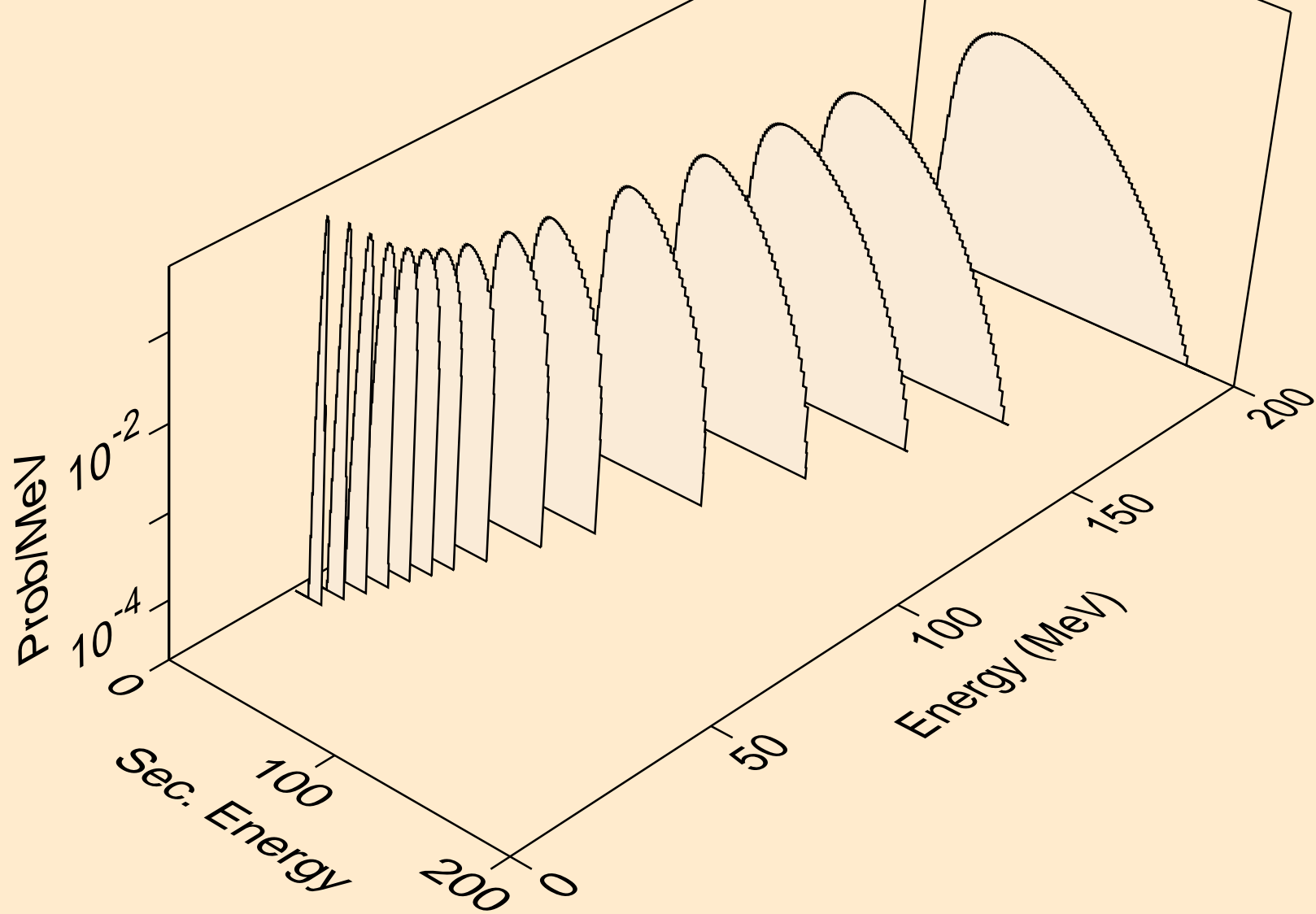
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tritons from (n,n\*)t



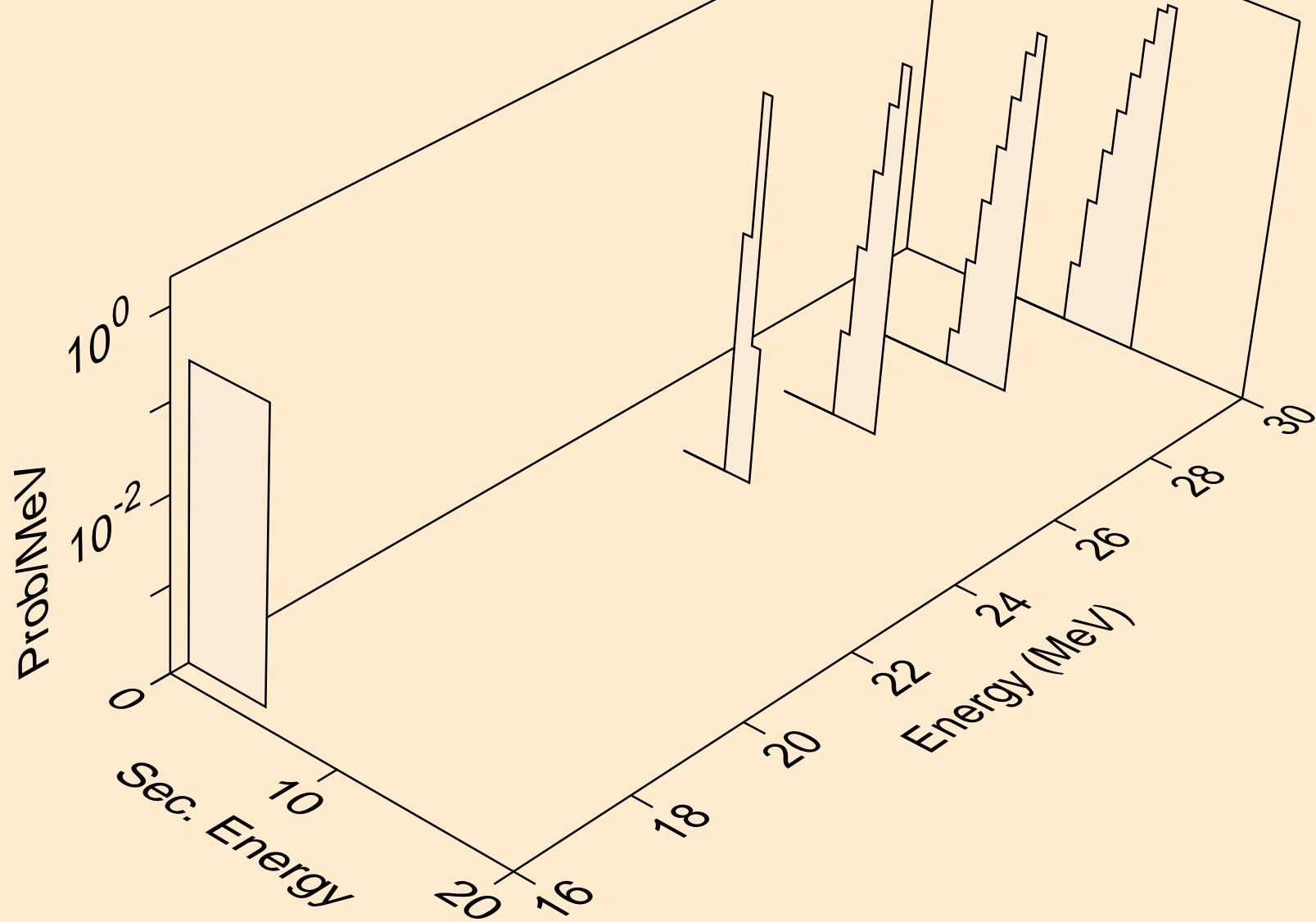
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tritons from (n,t)



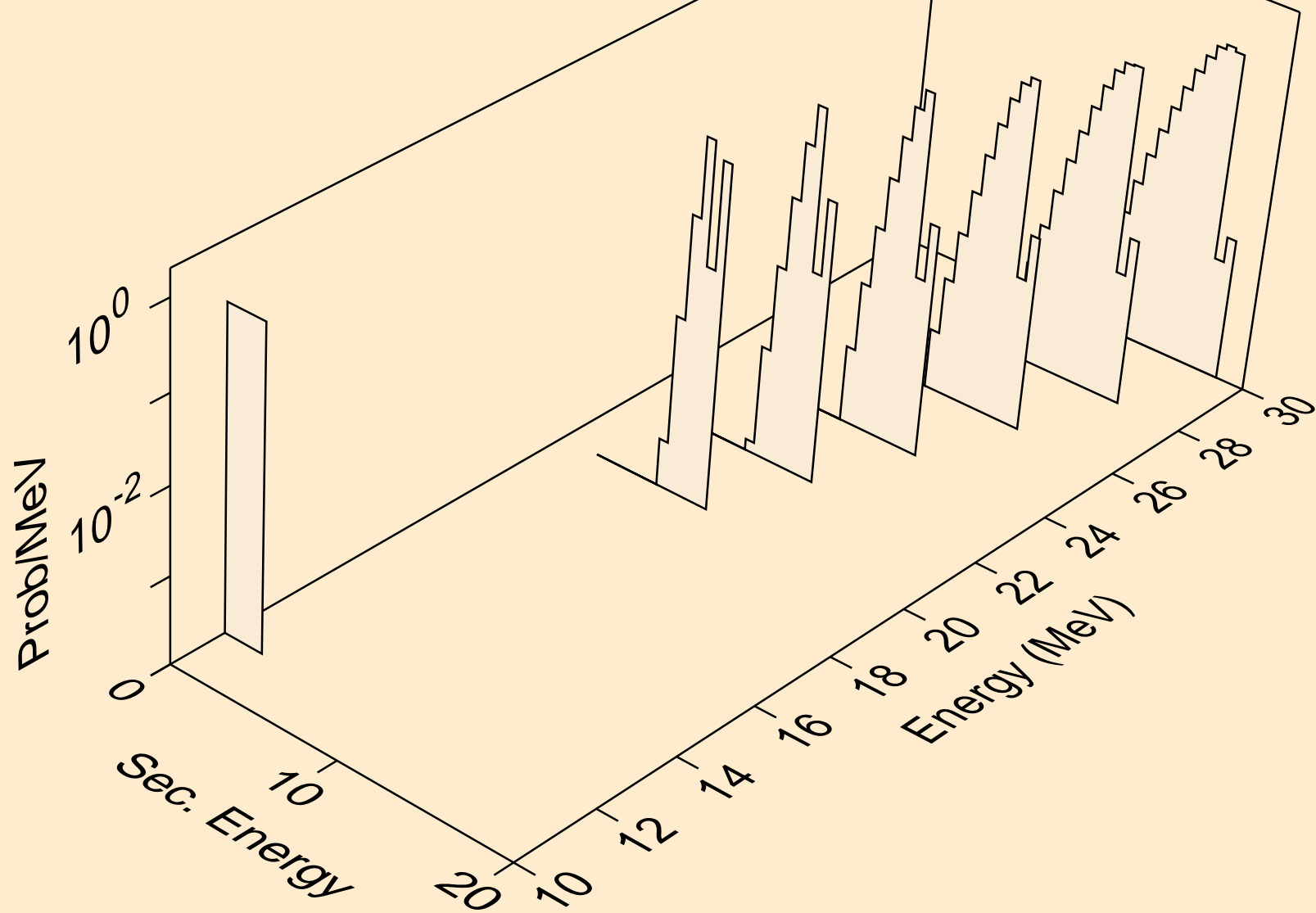
AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



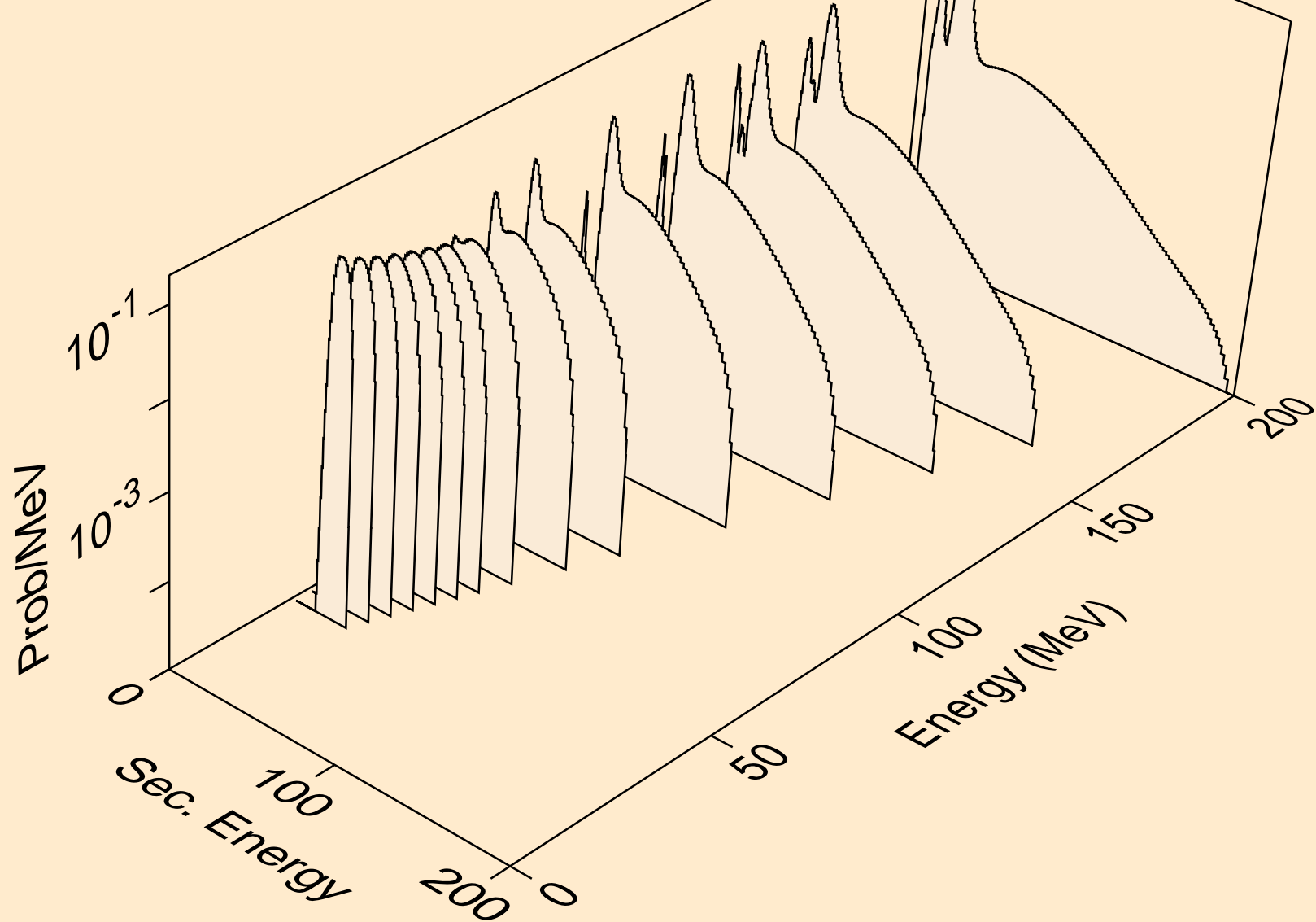
AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)

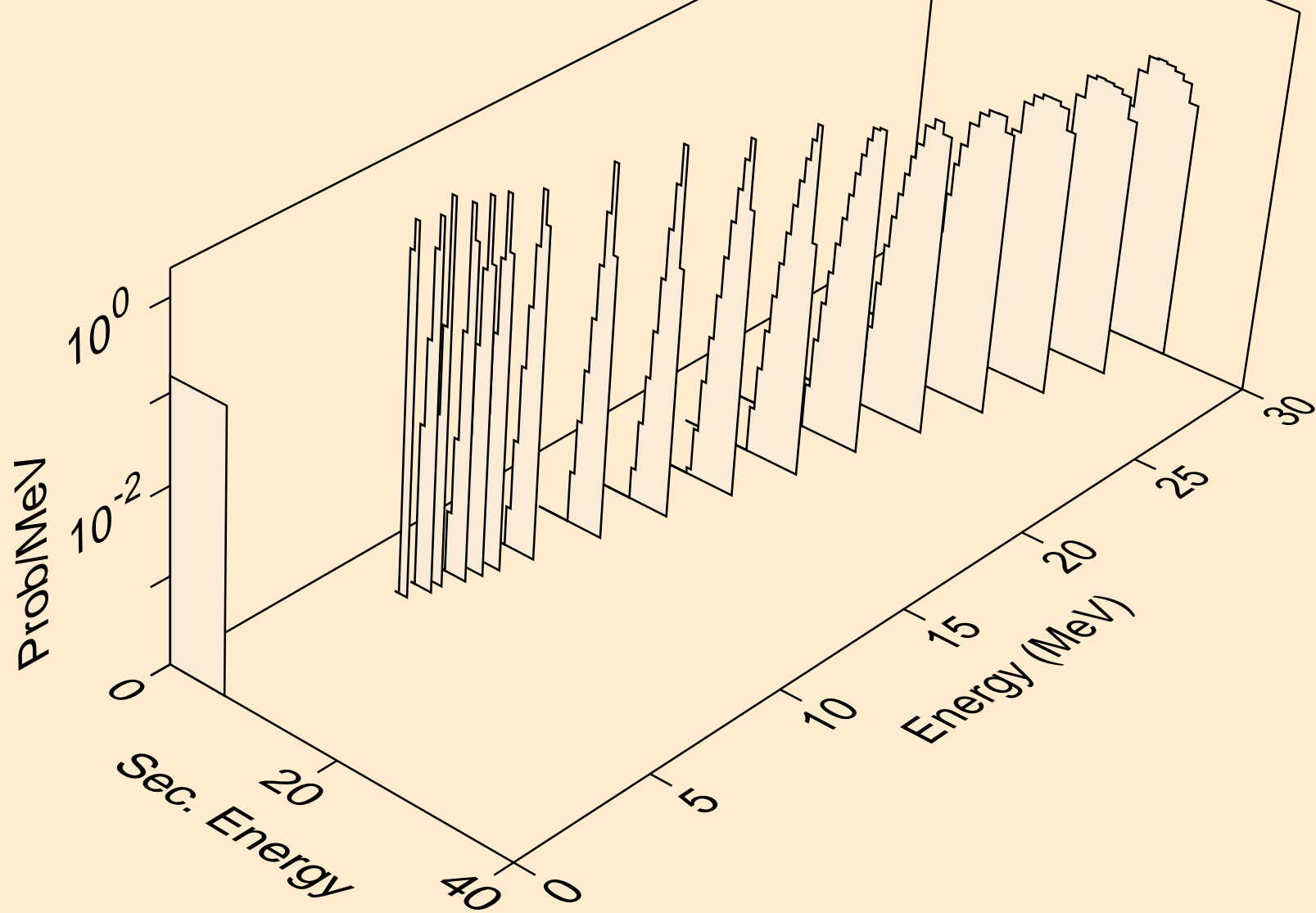


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alphas from (n,x)

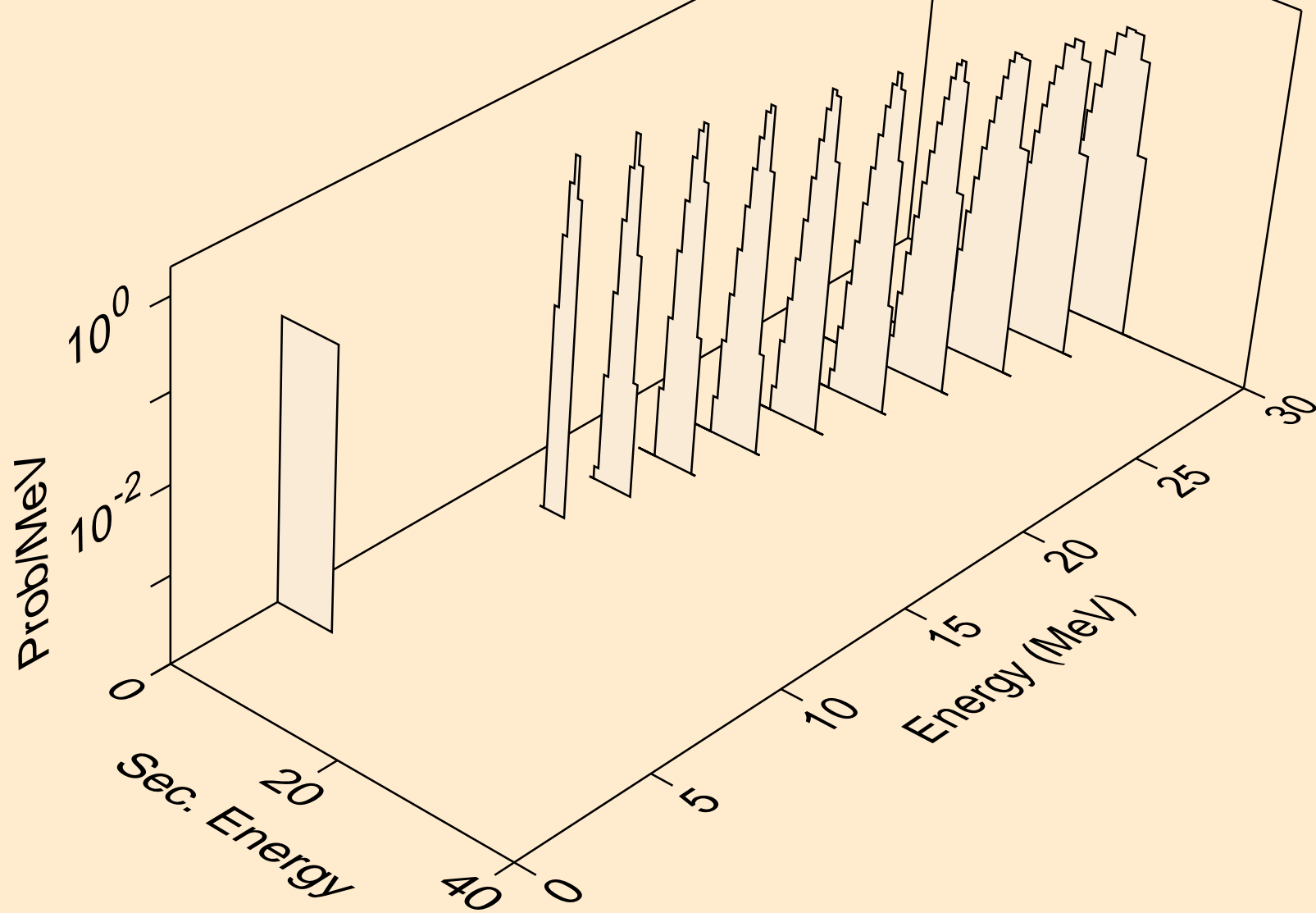




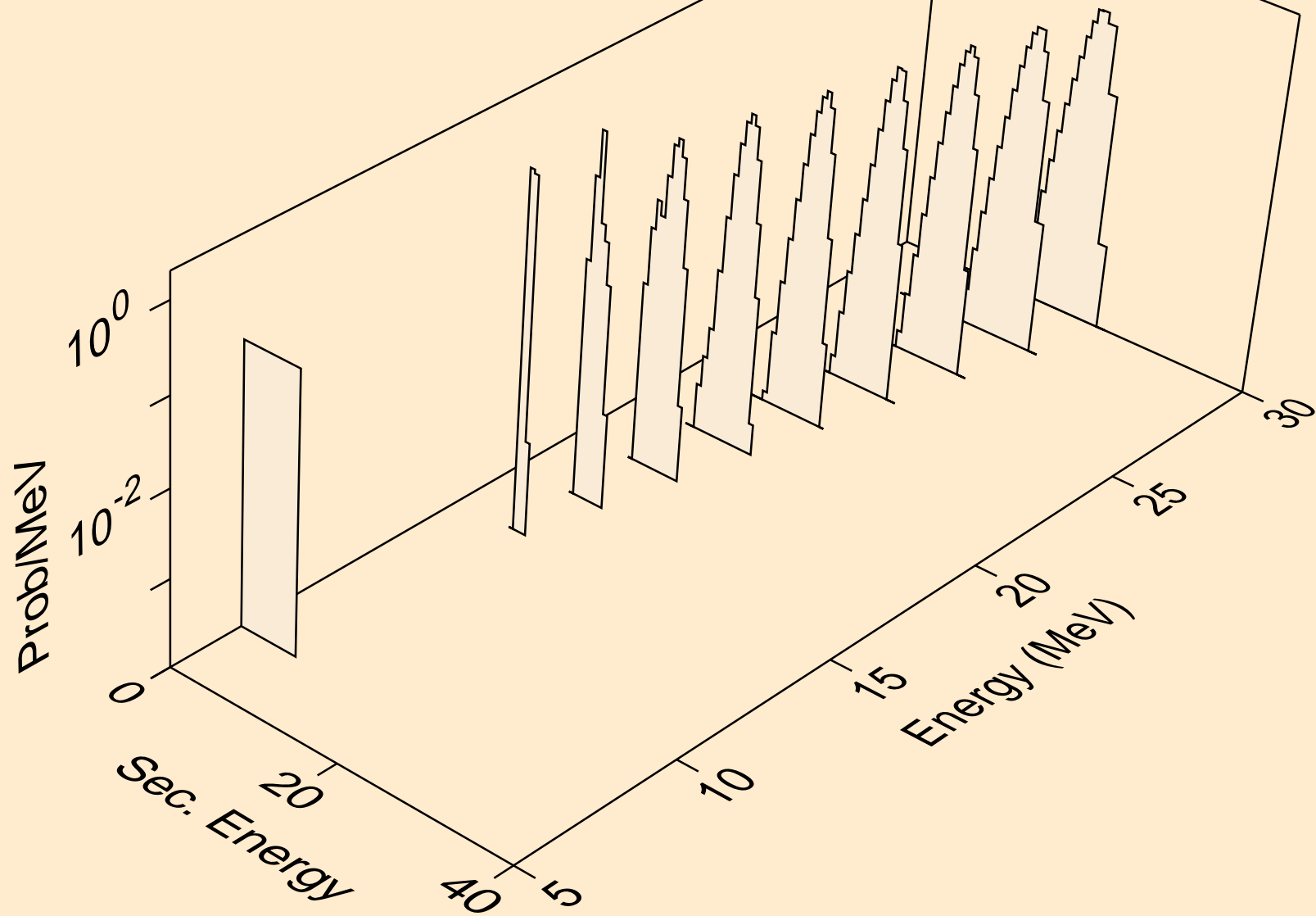
AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



AT229 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)

