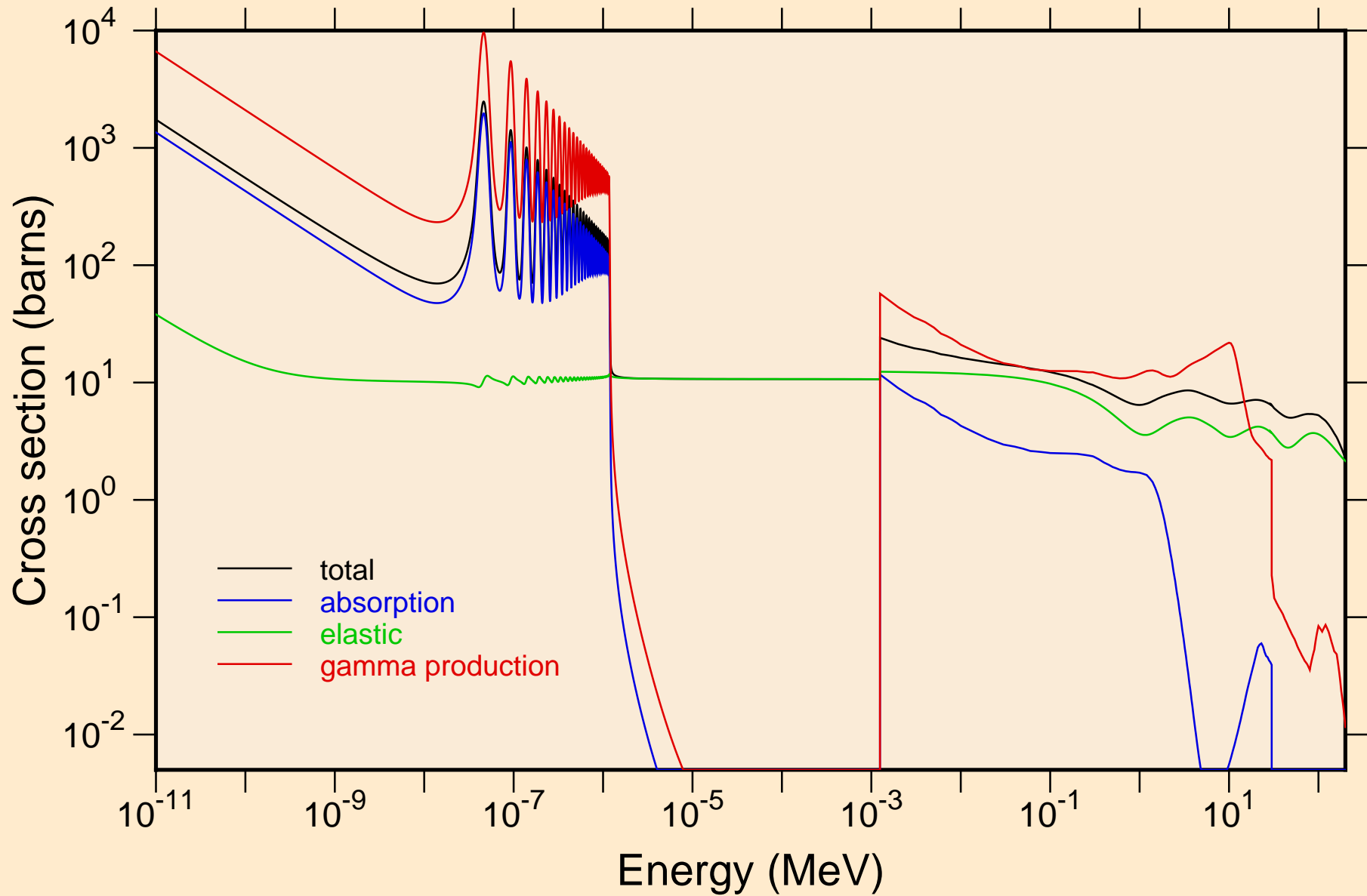
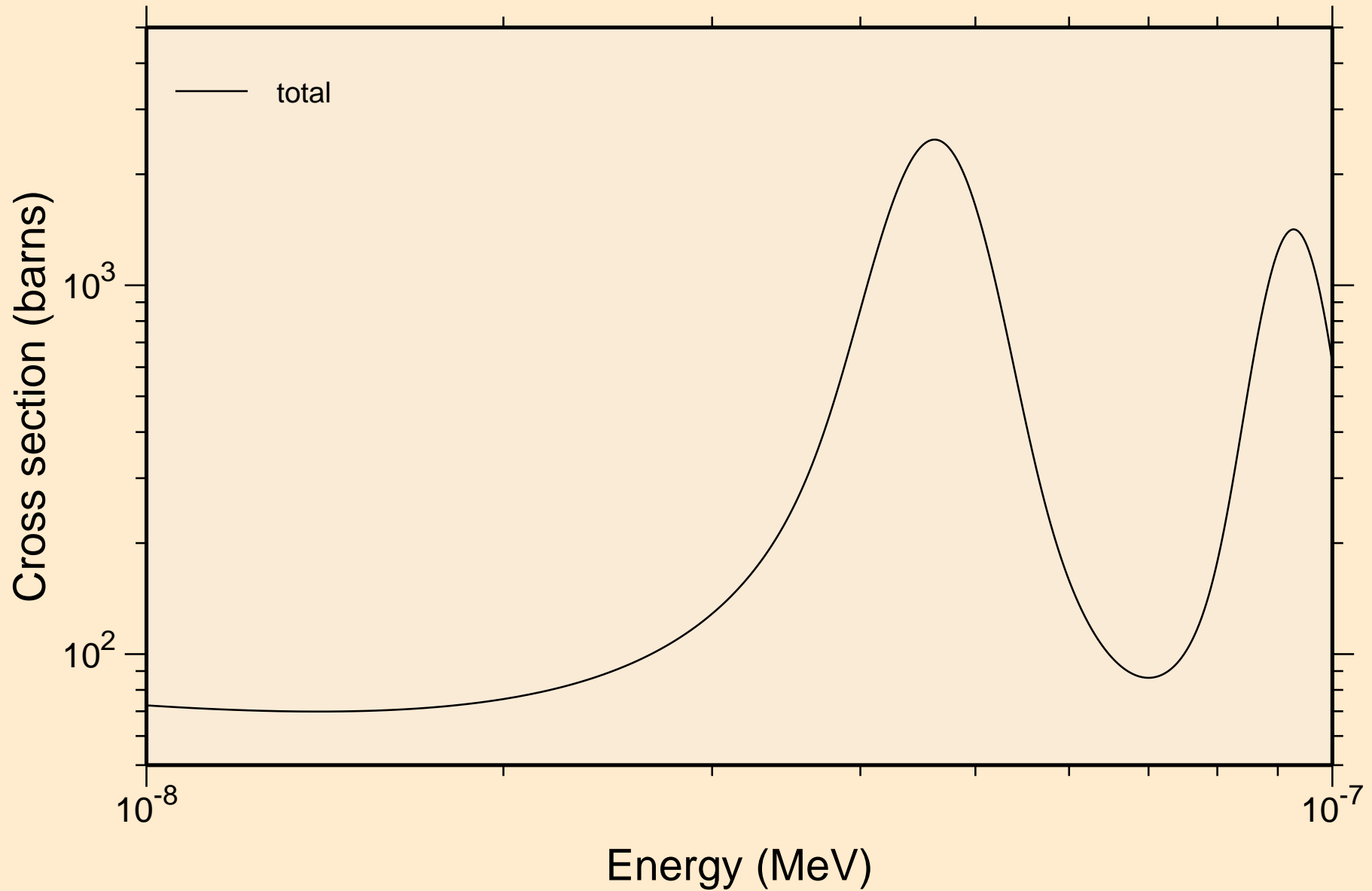


# MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

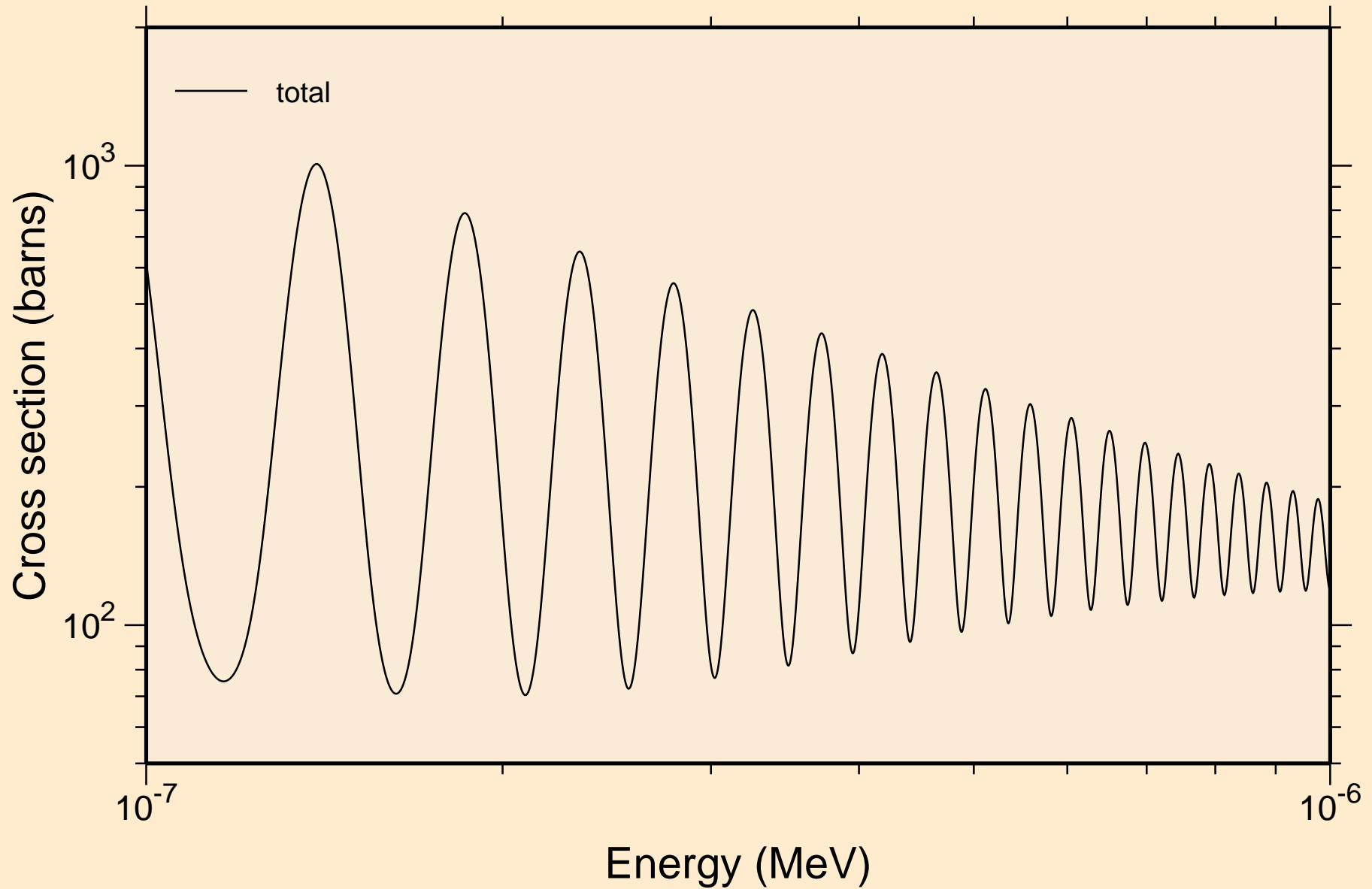
## Principal cross sections



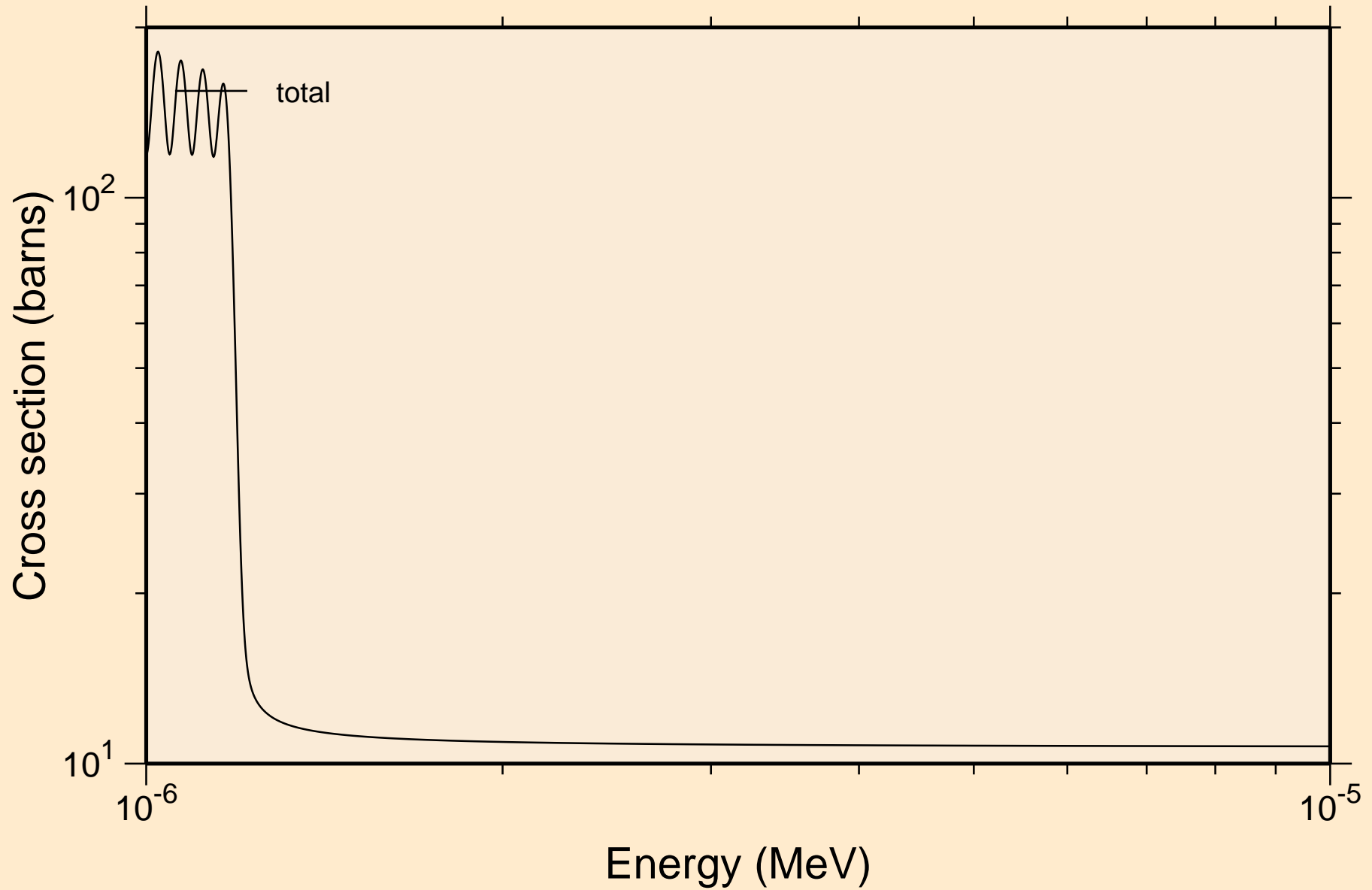
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



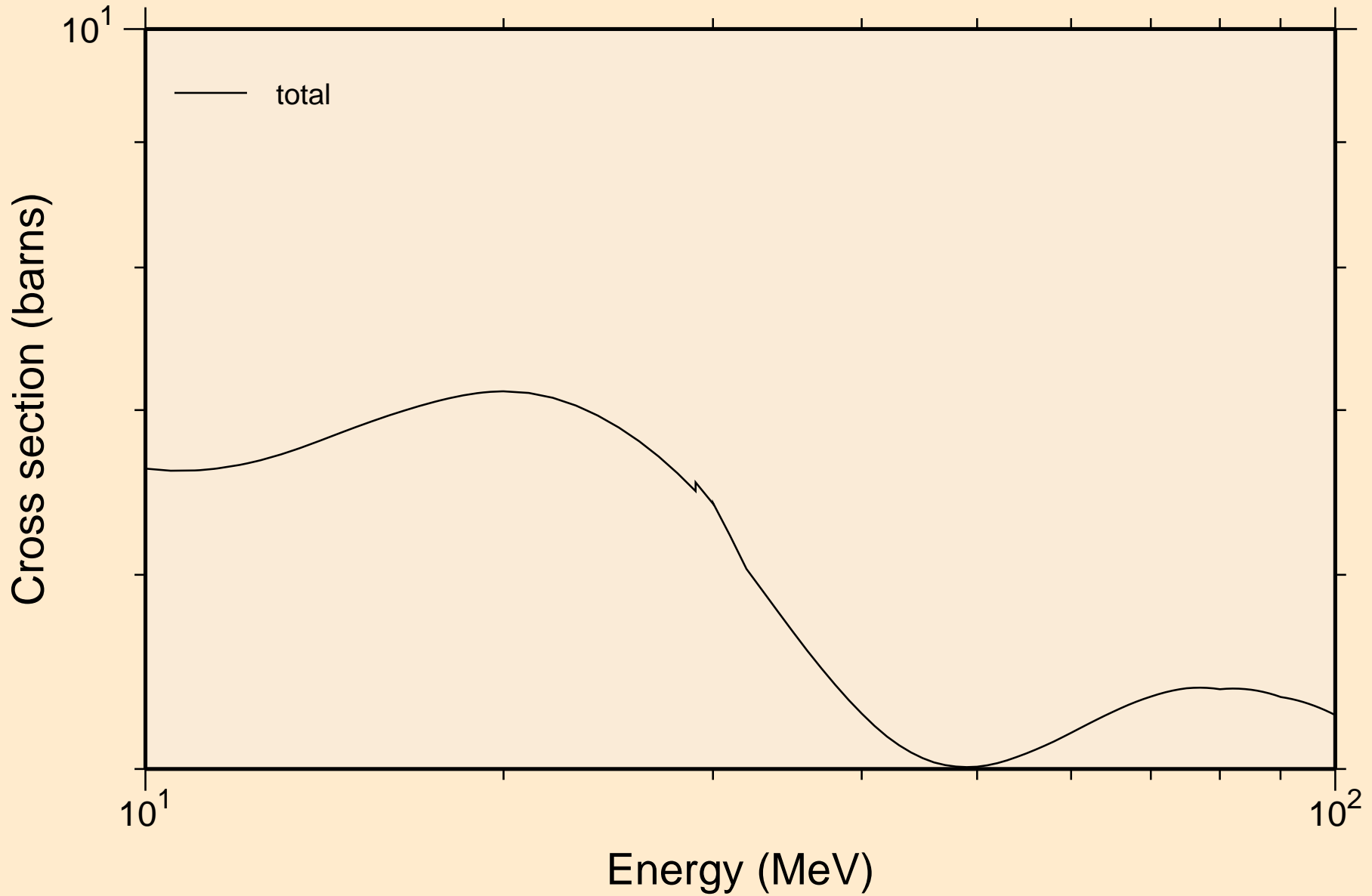
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



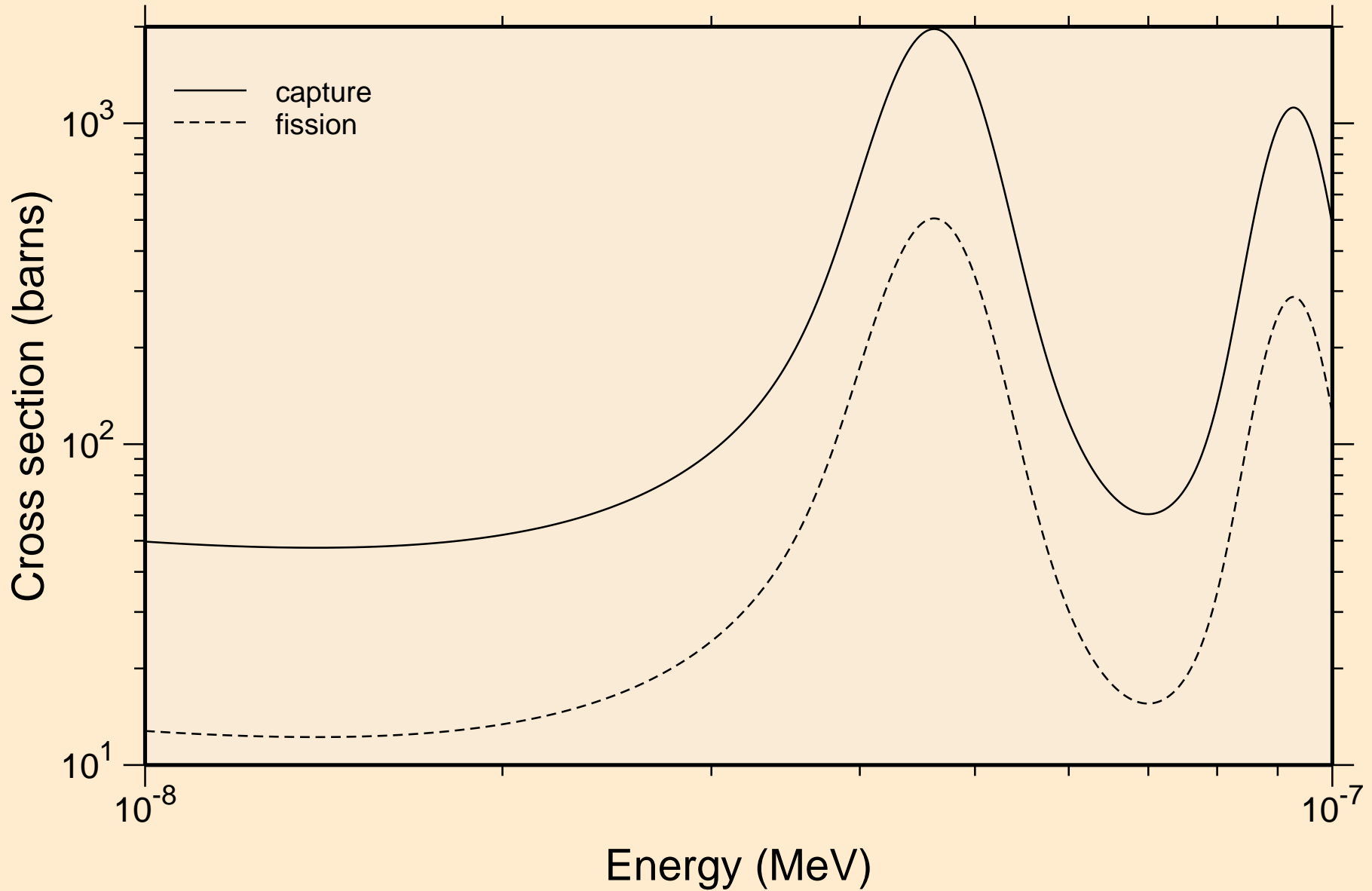
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



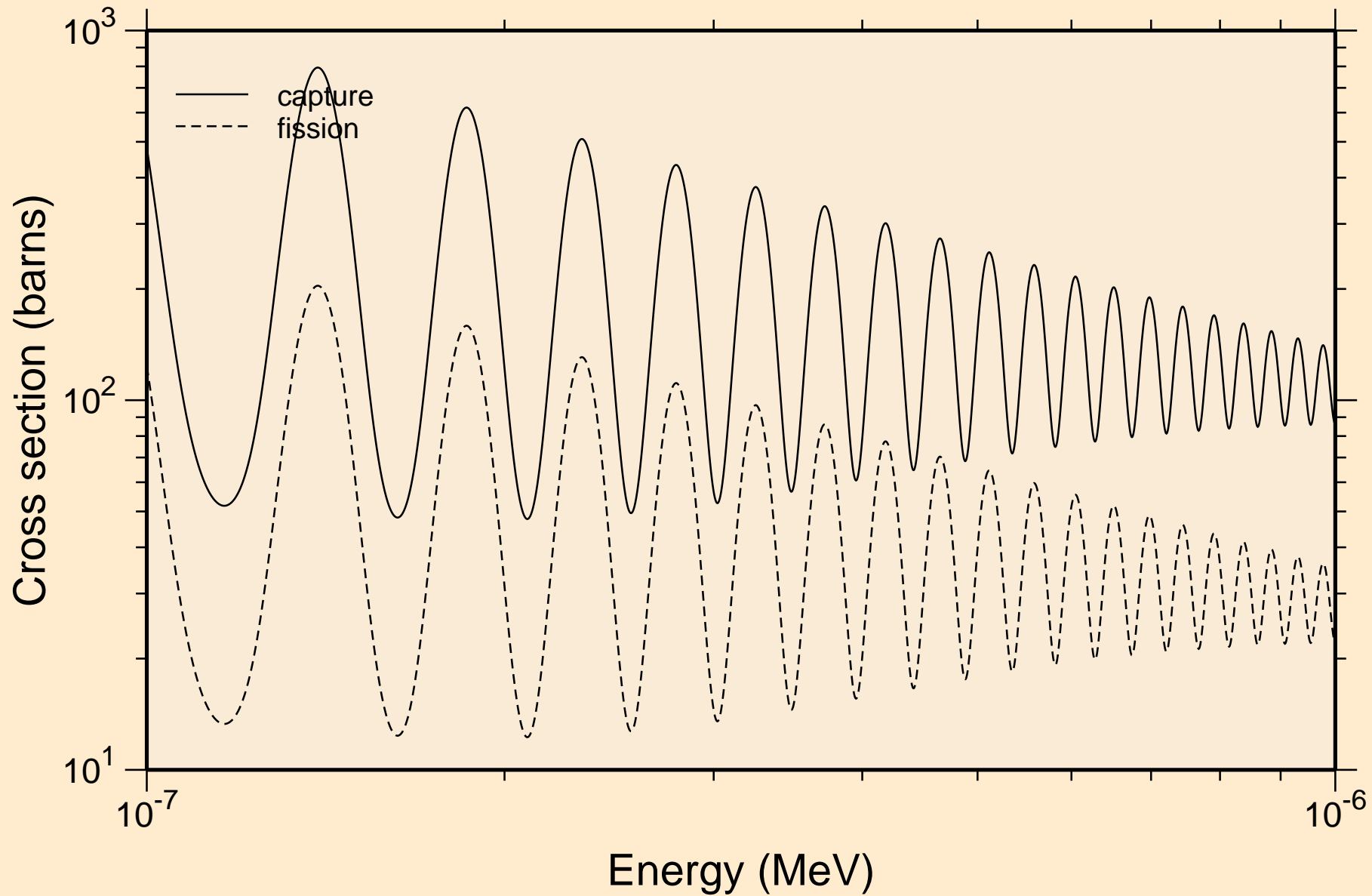
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



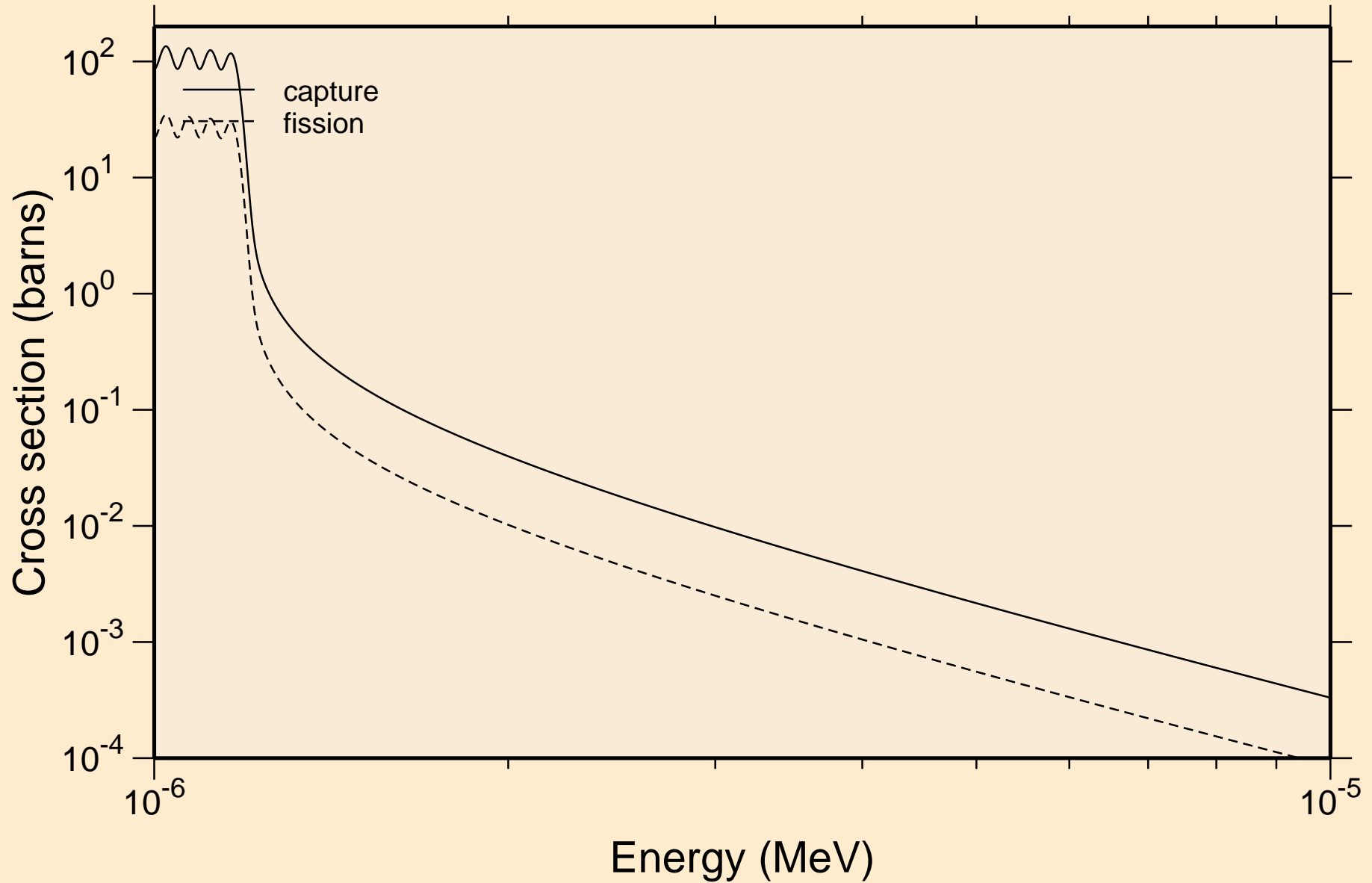
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

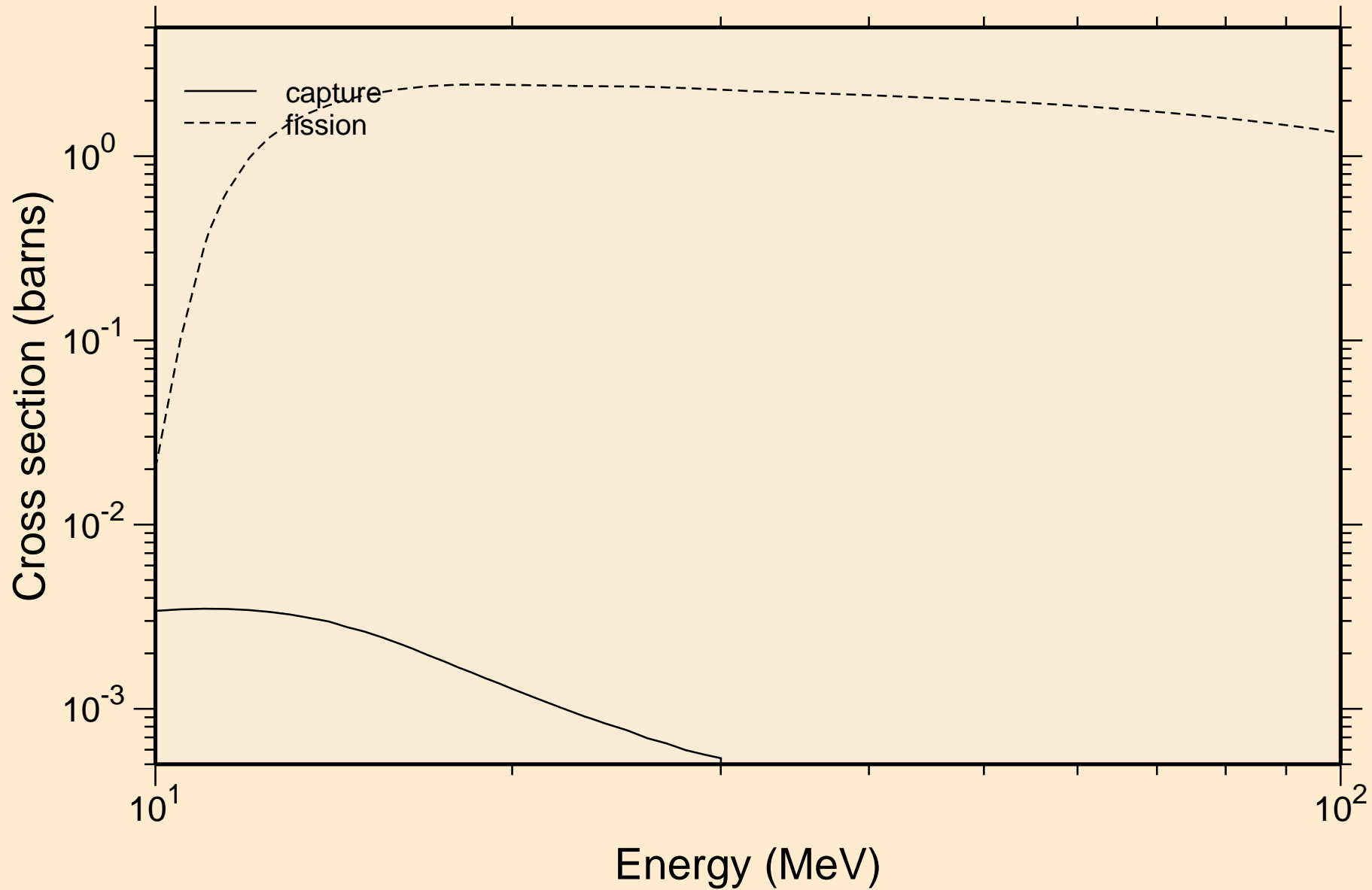


MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

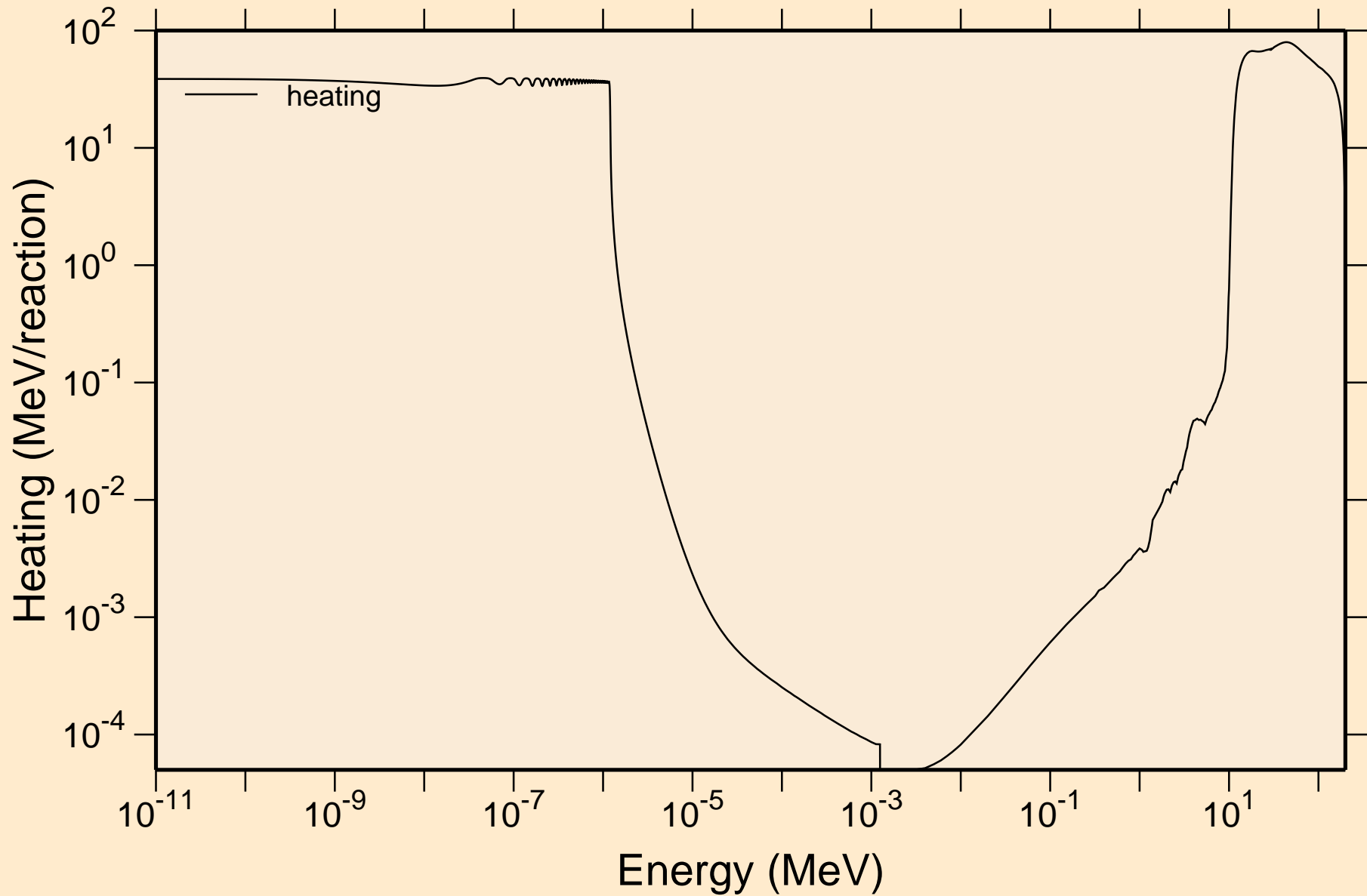




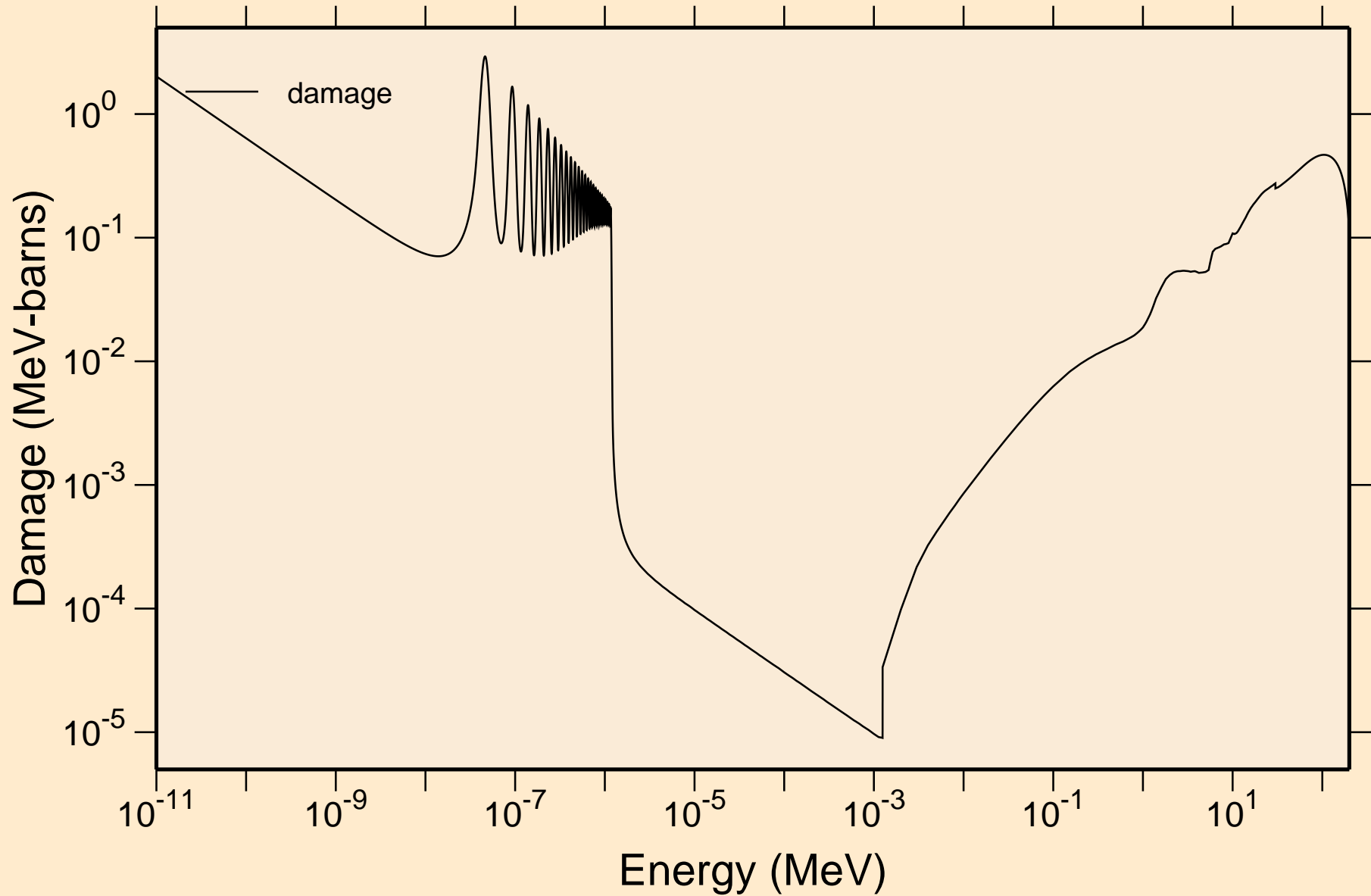
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating

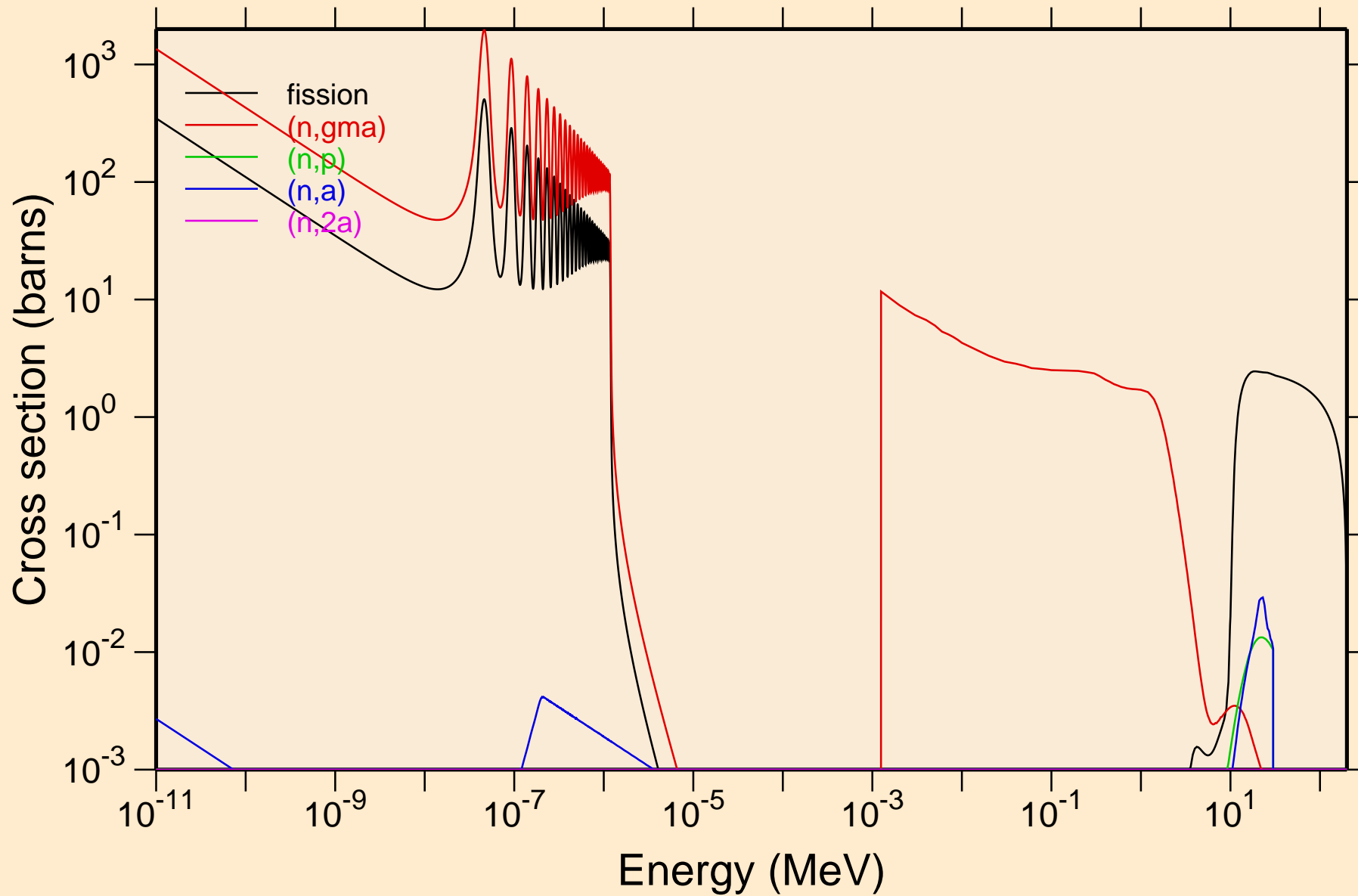


MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage

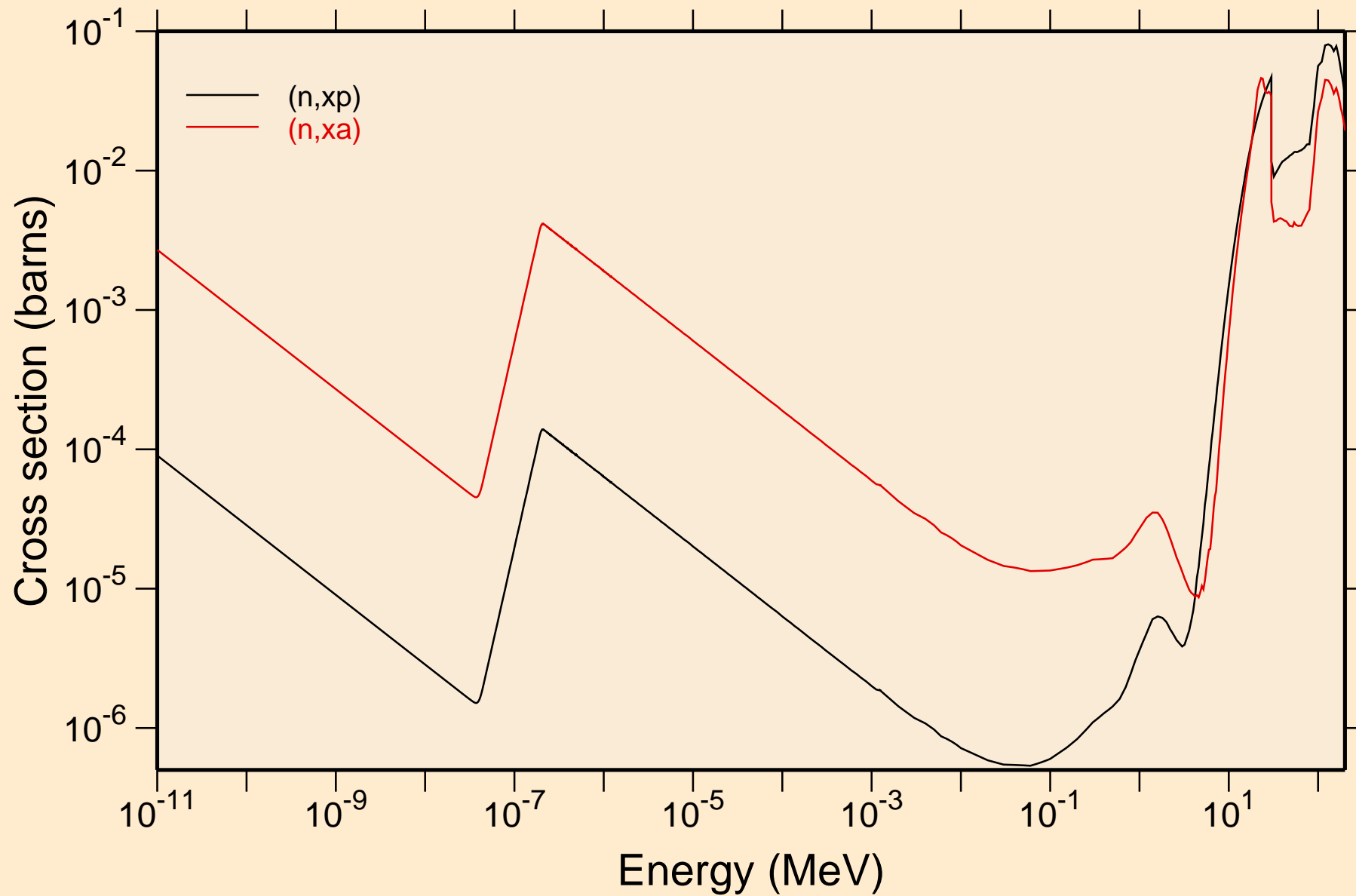


# MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

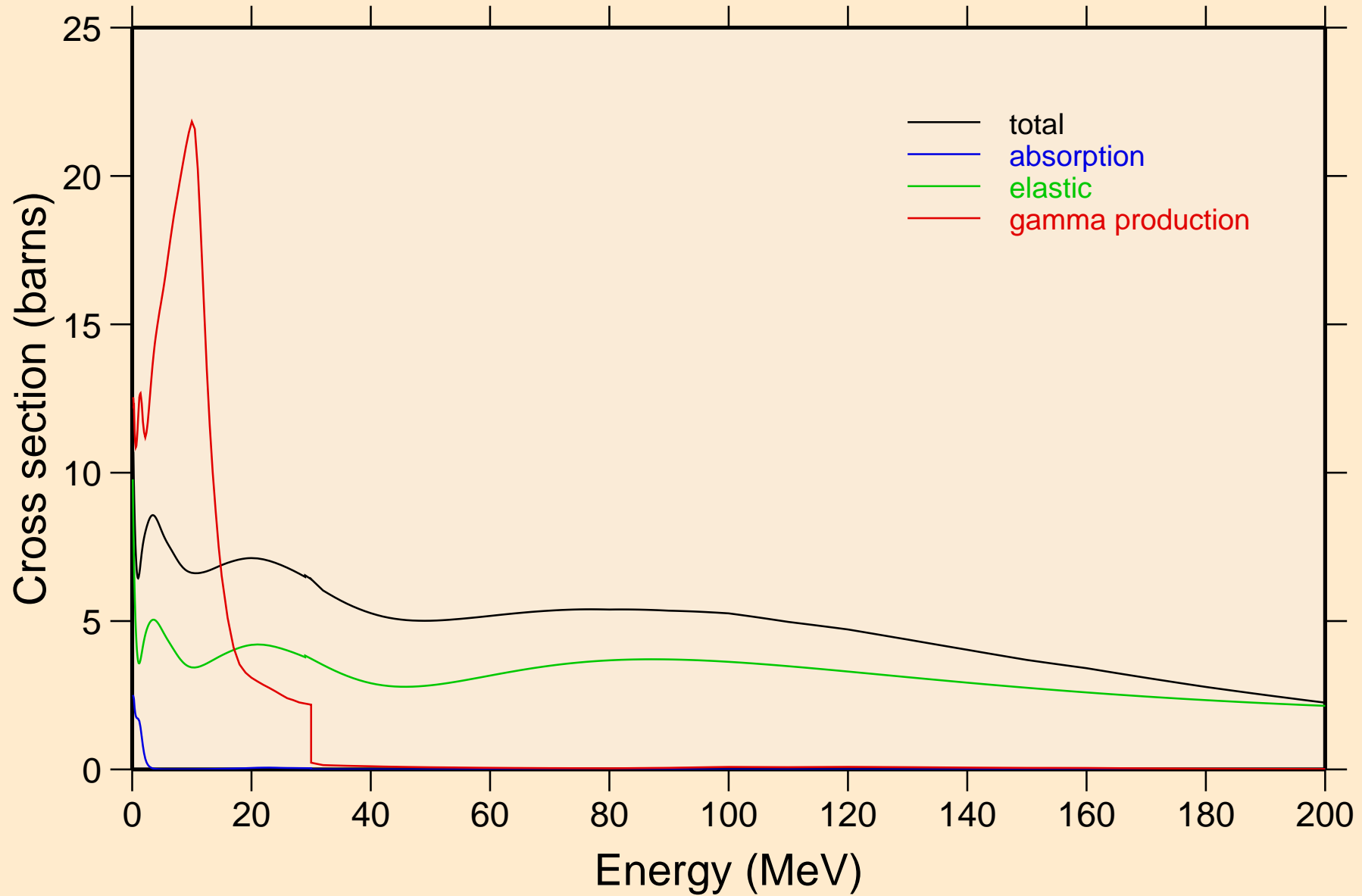
## Non-threshold reactions



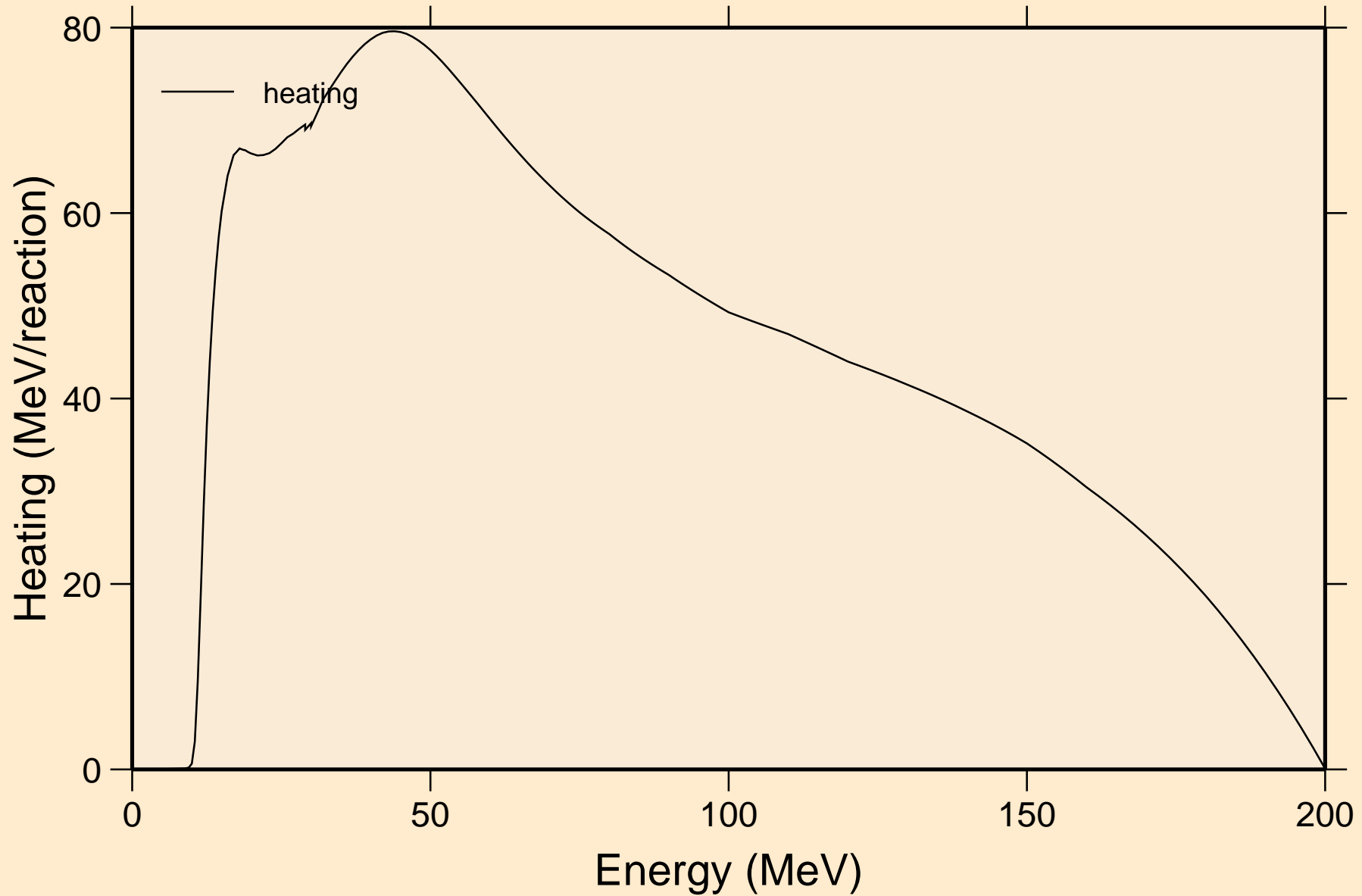
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



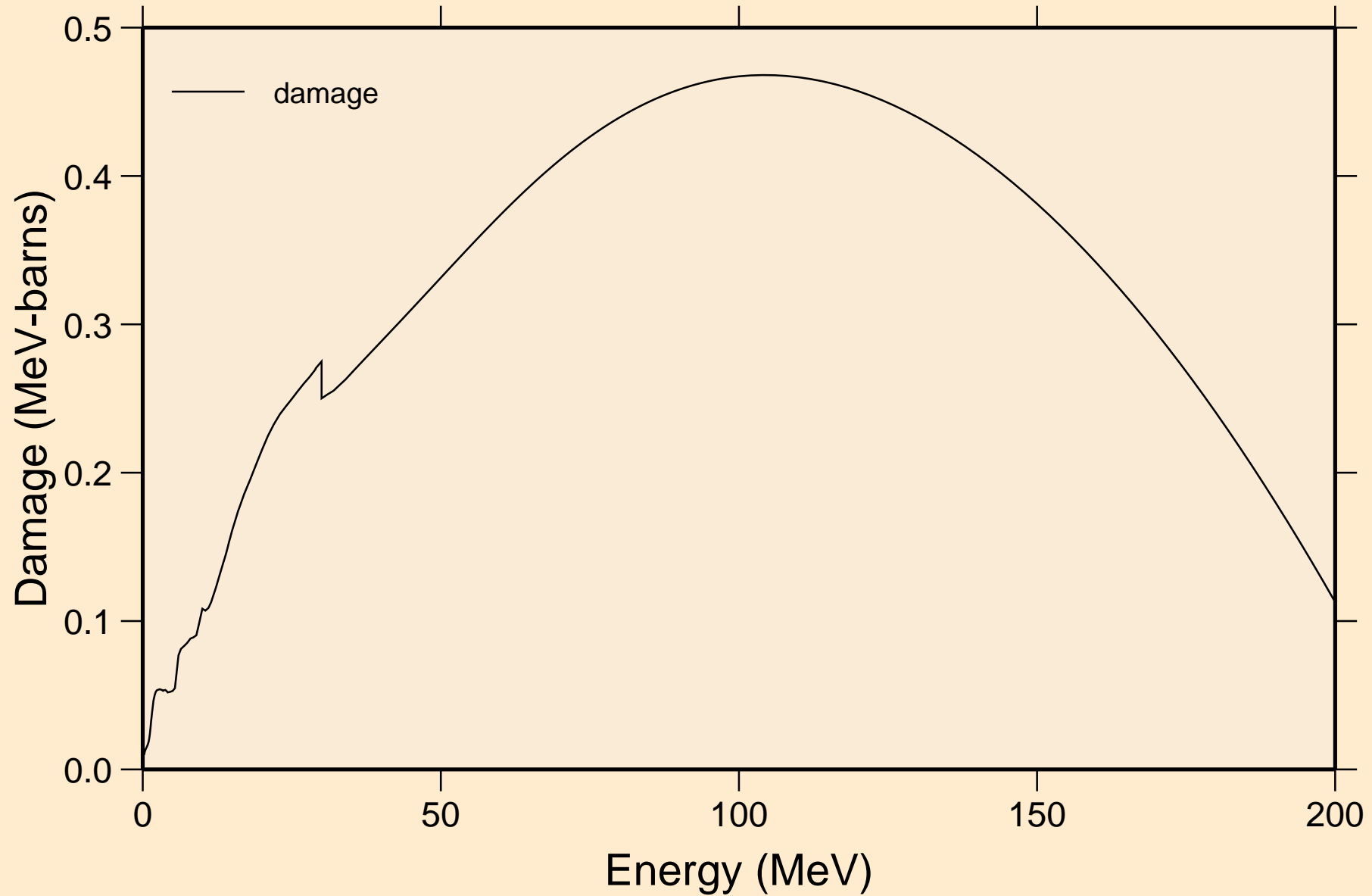
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Principal cross sections



MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating

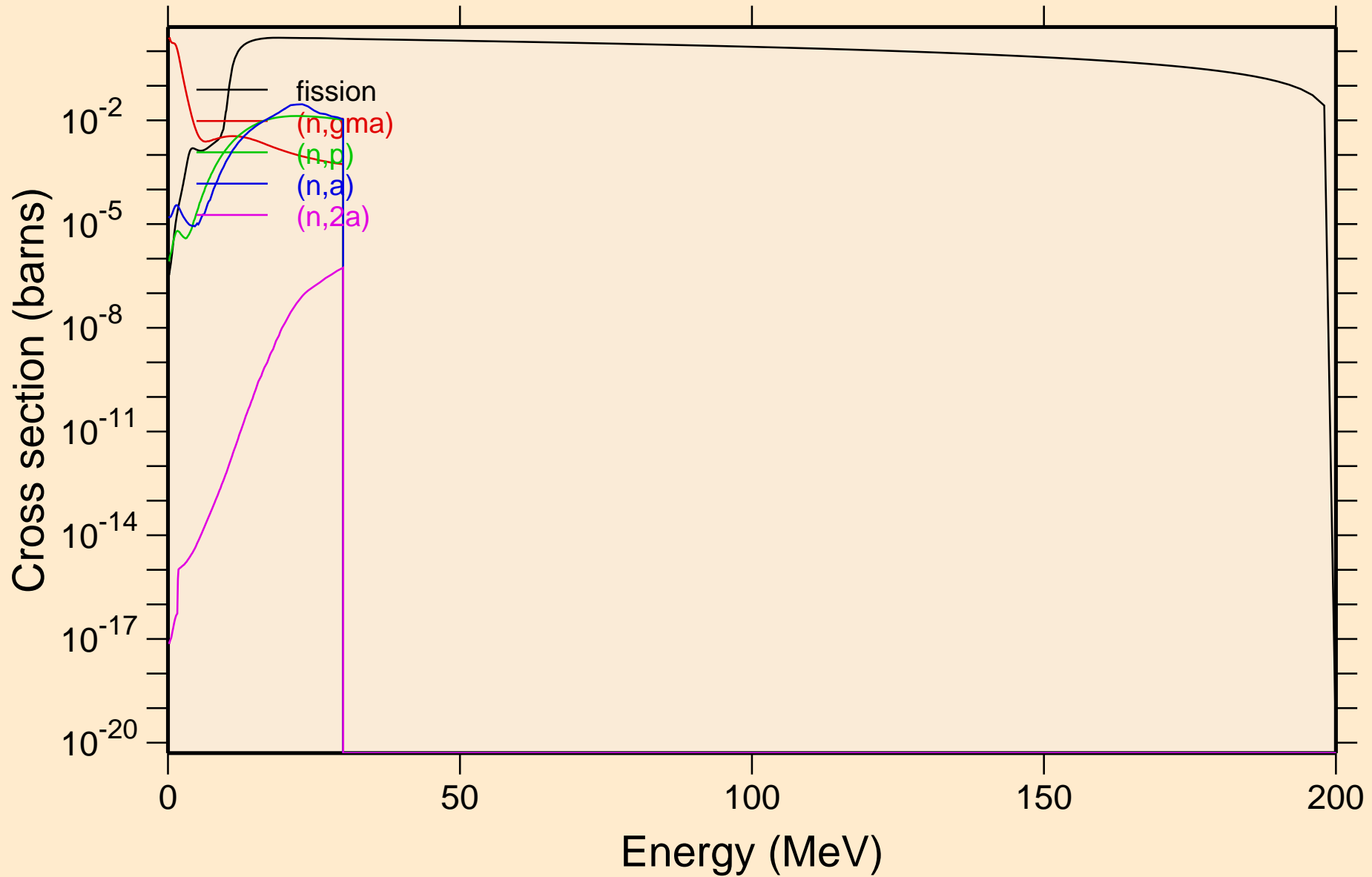


MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage

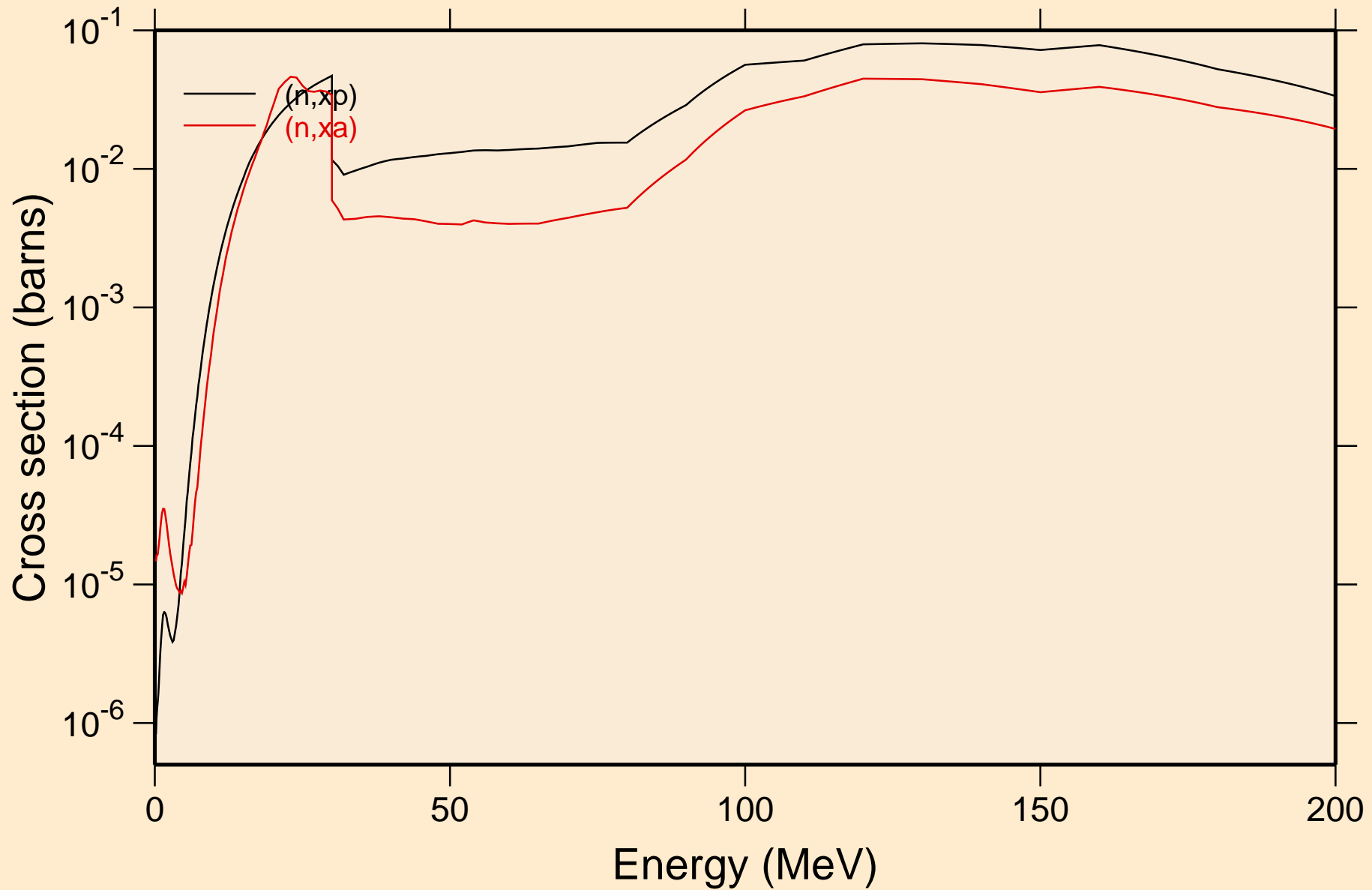




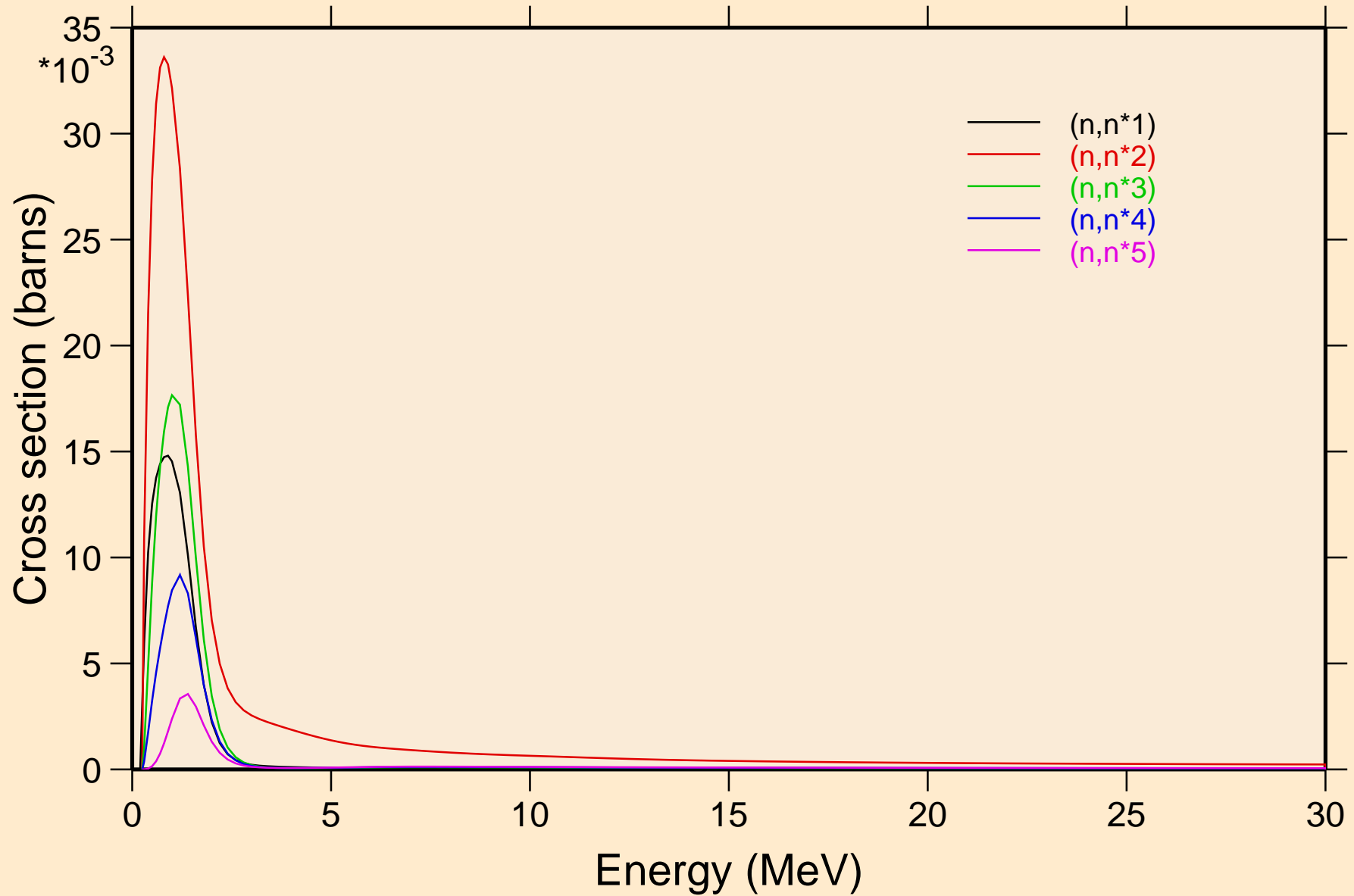
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



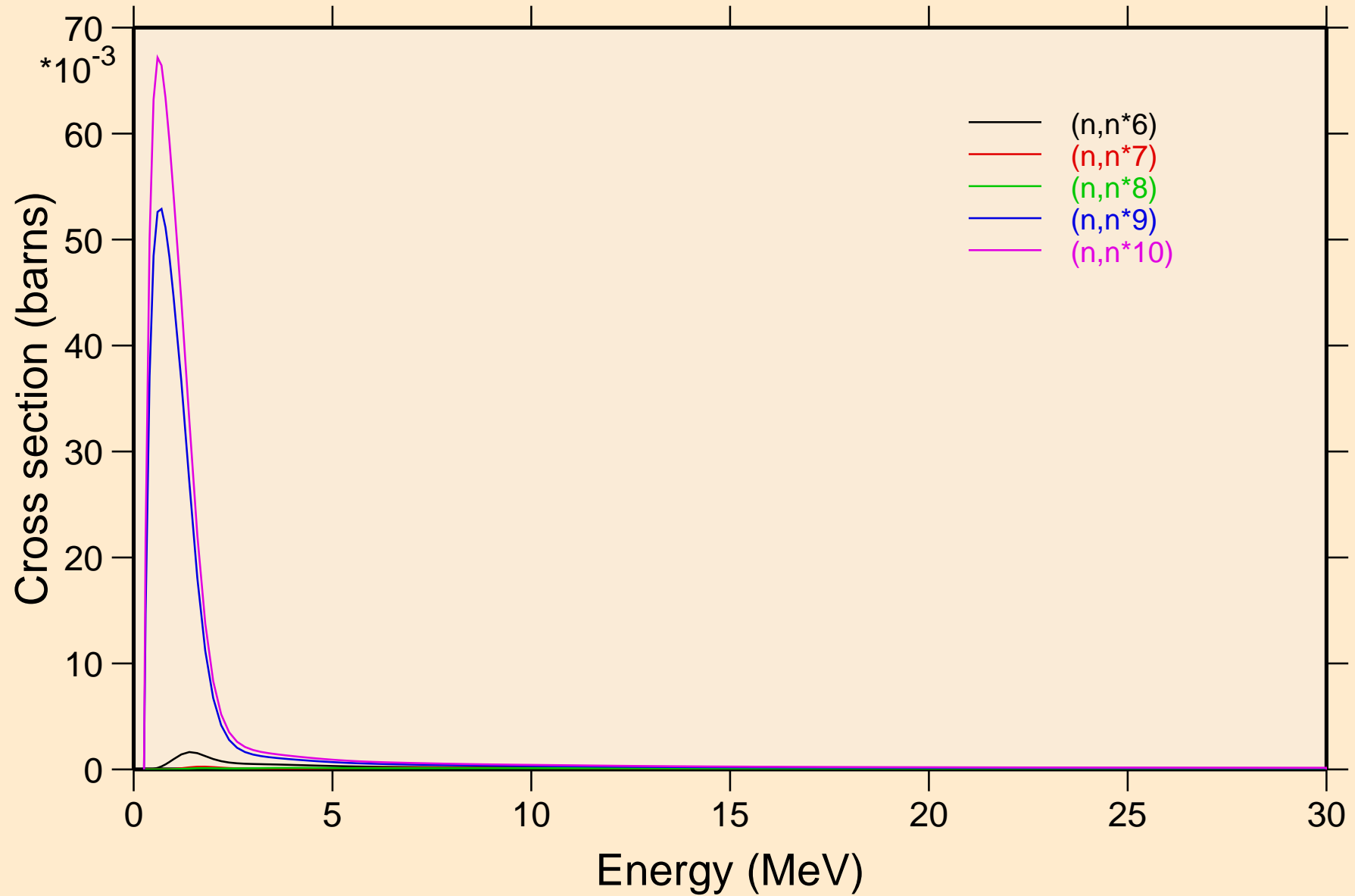
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



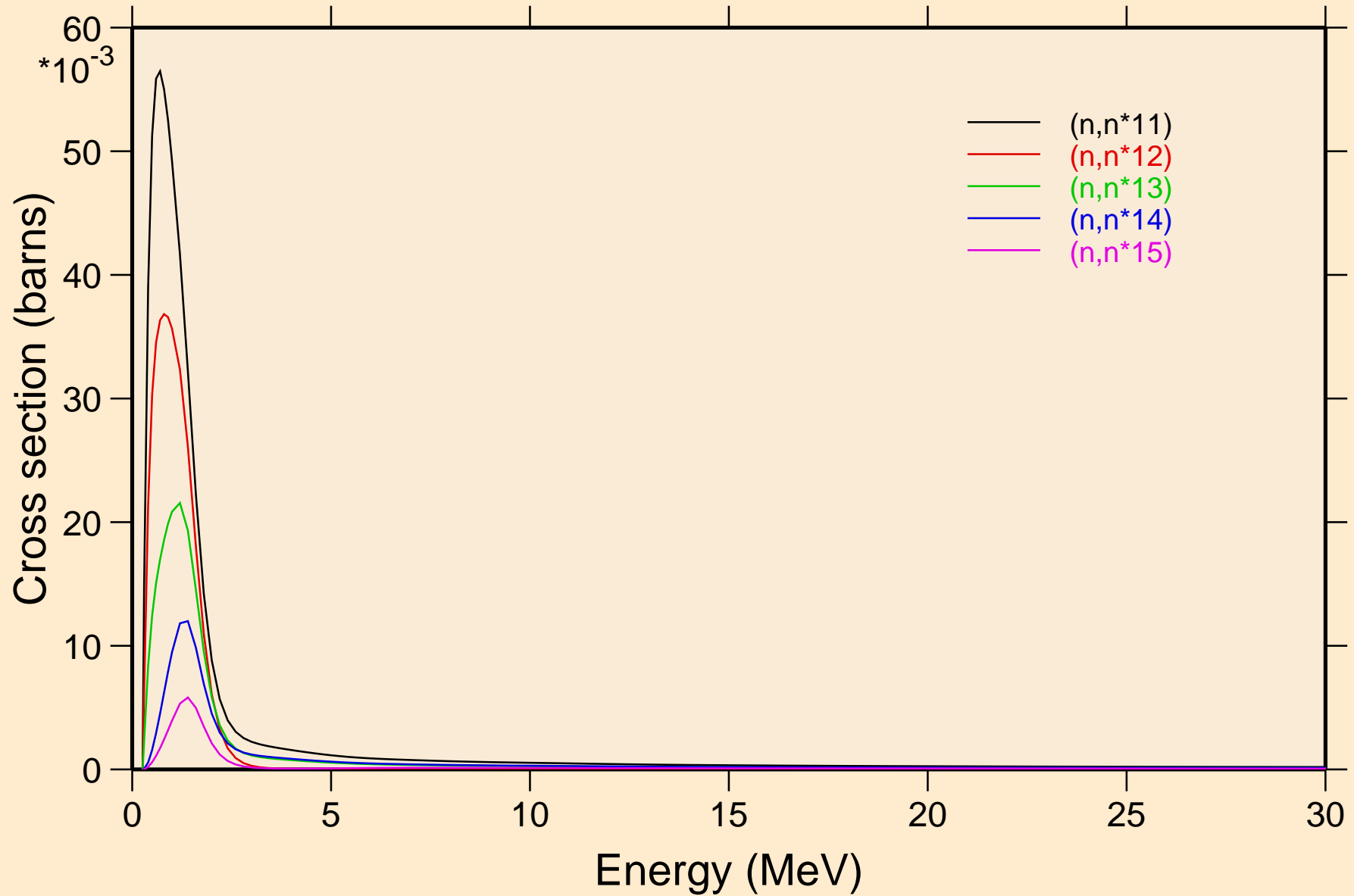
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



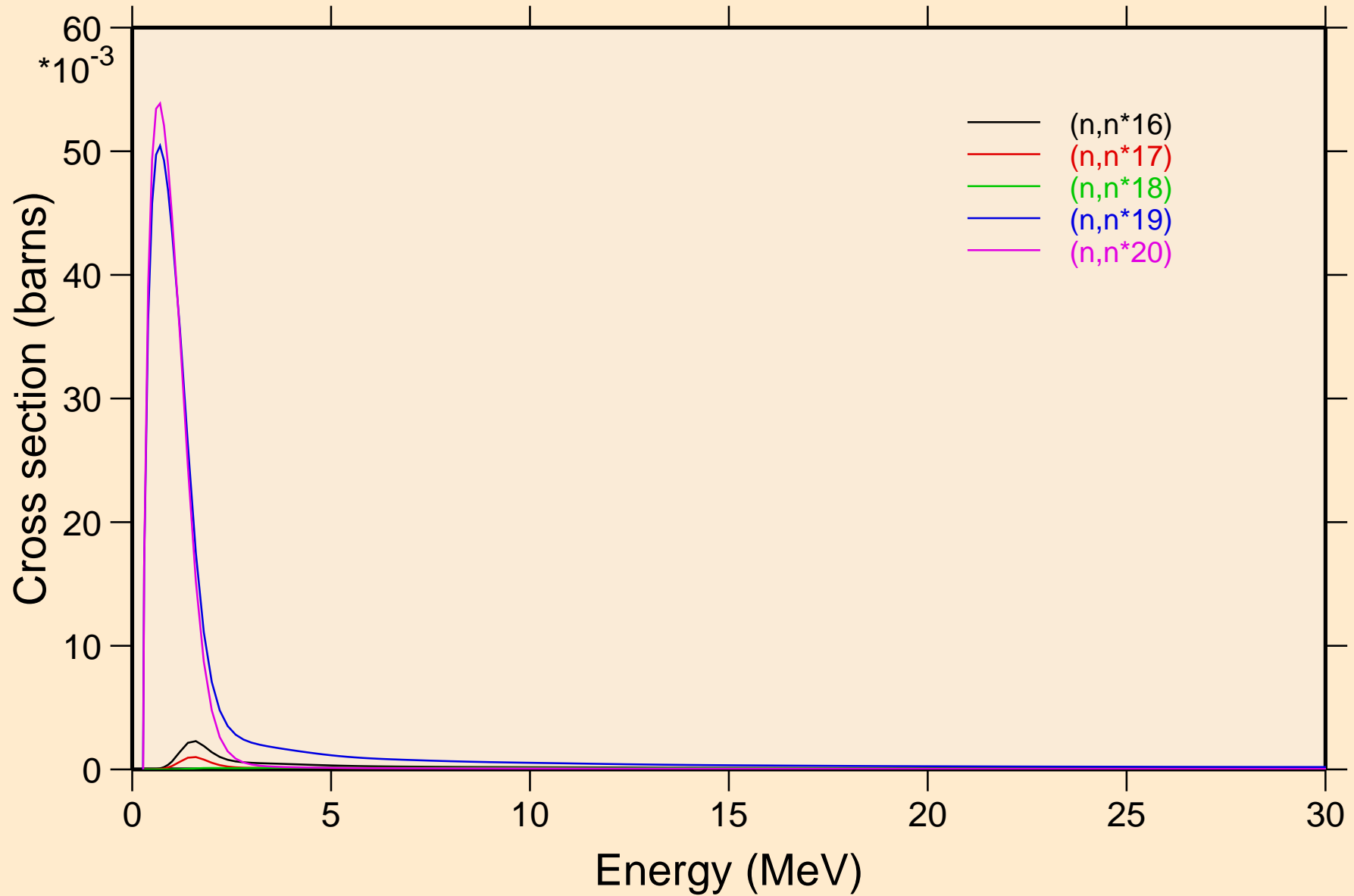
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



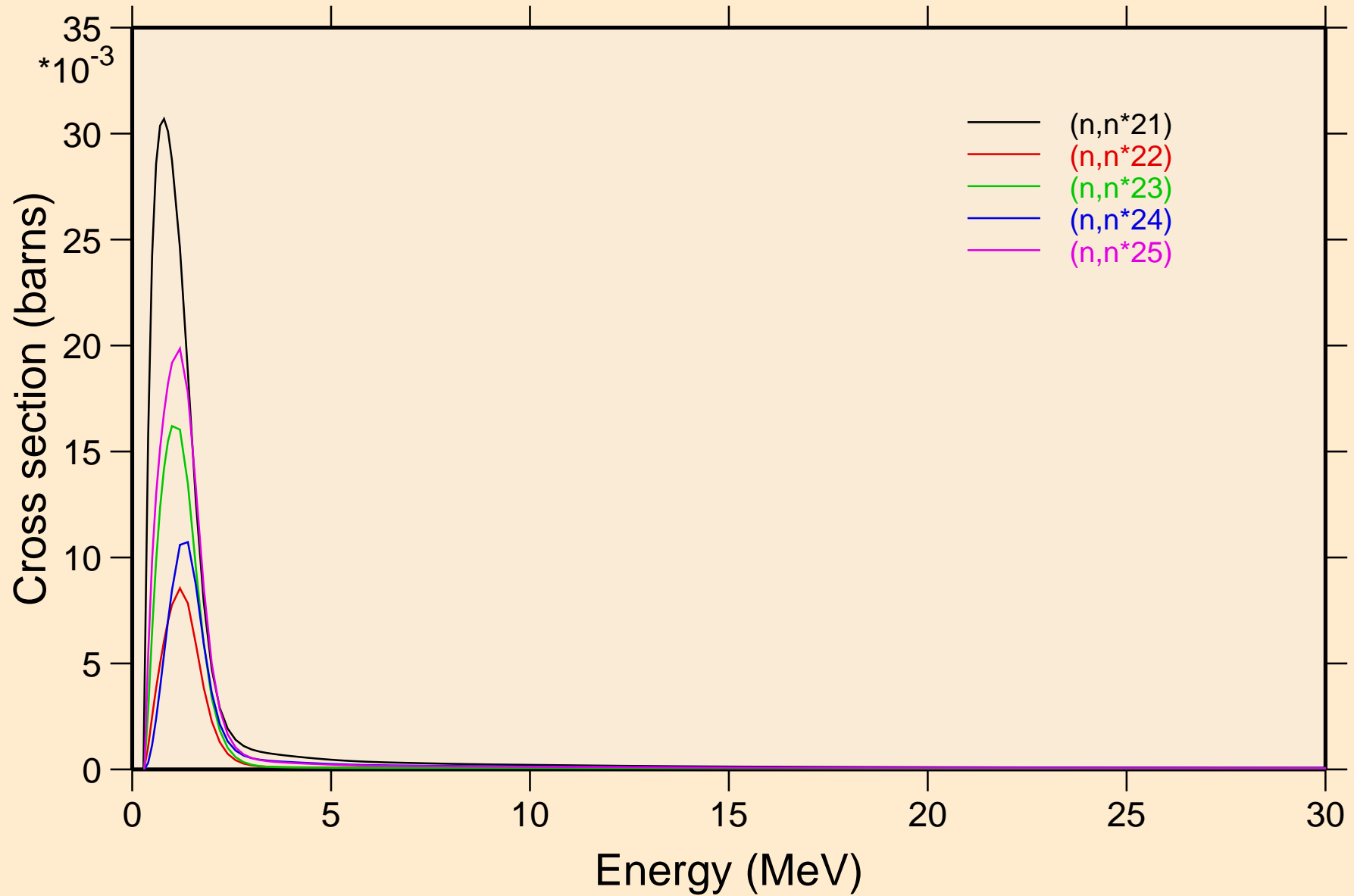
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



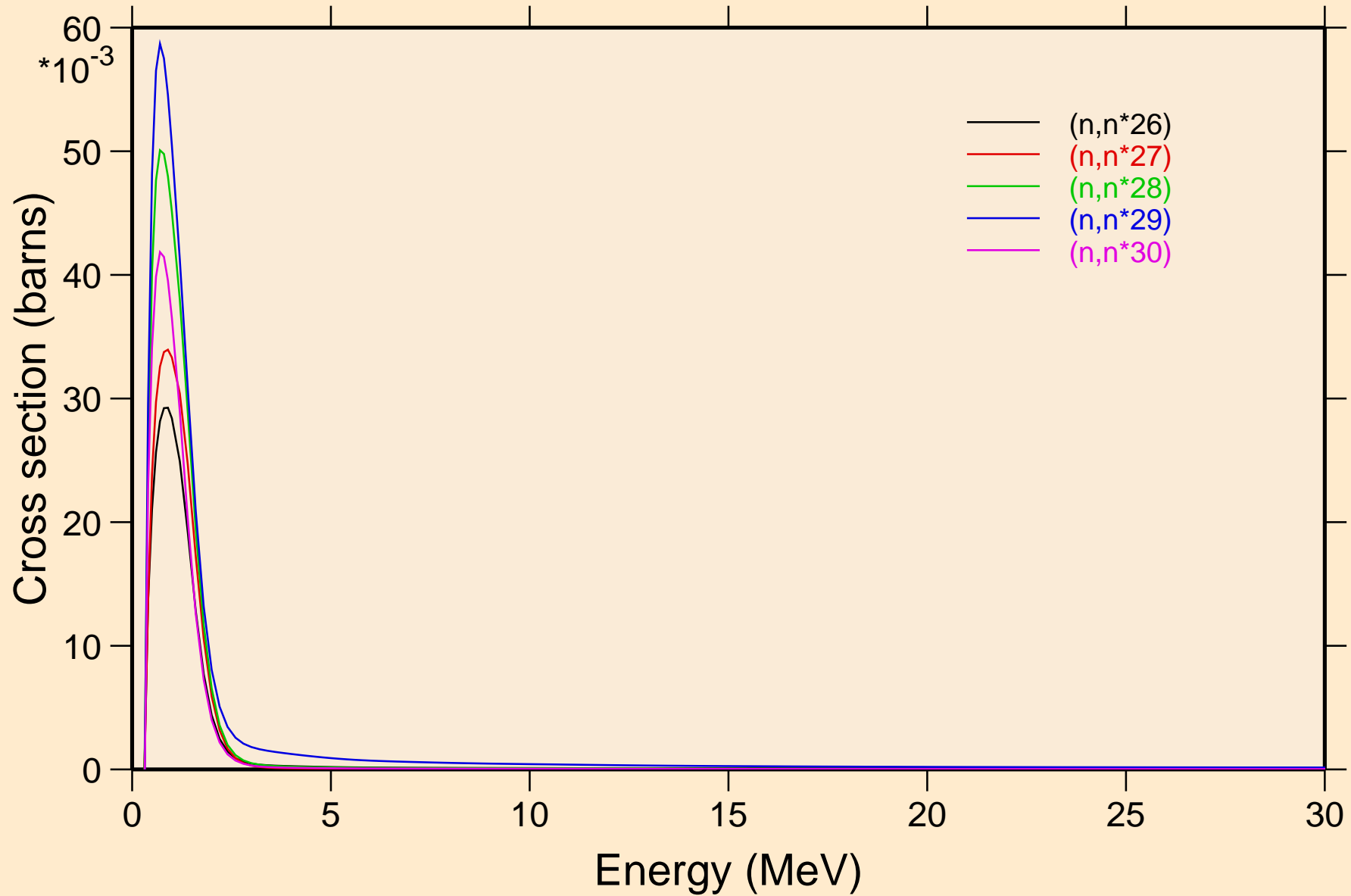
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

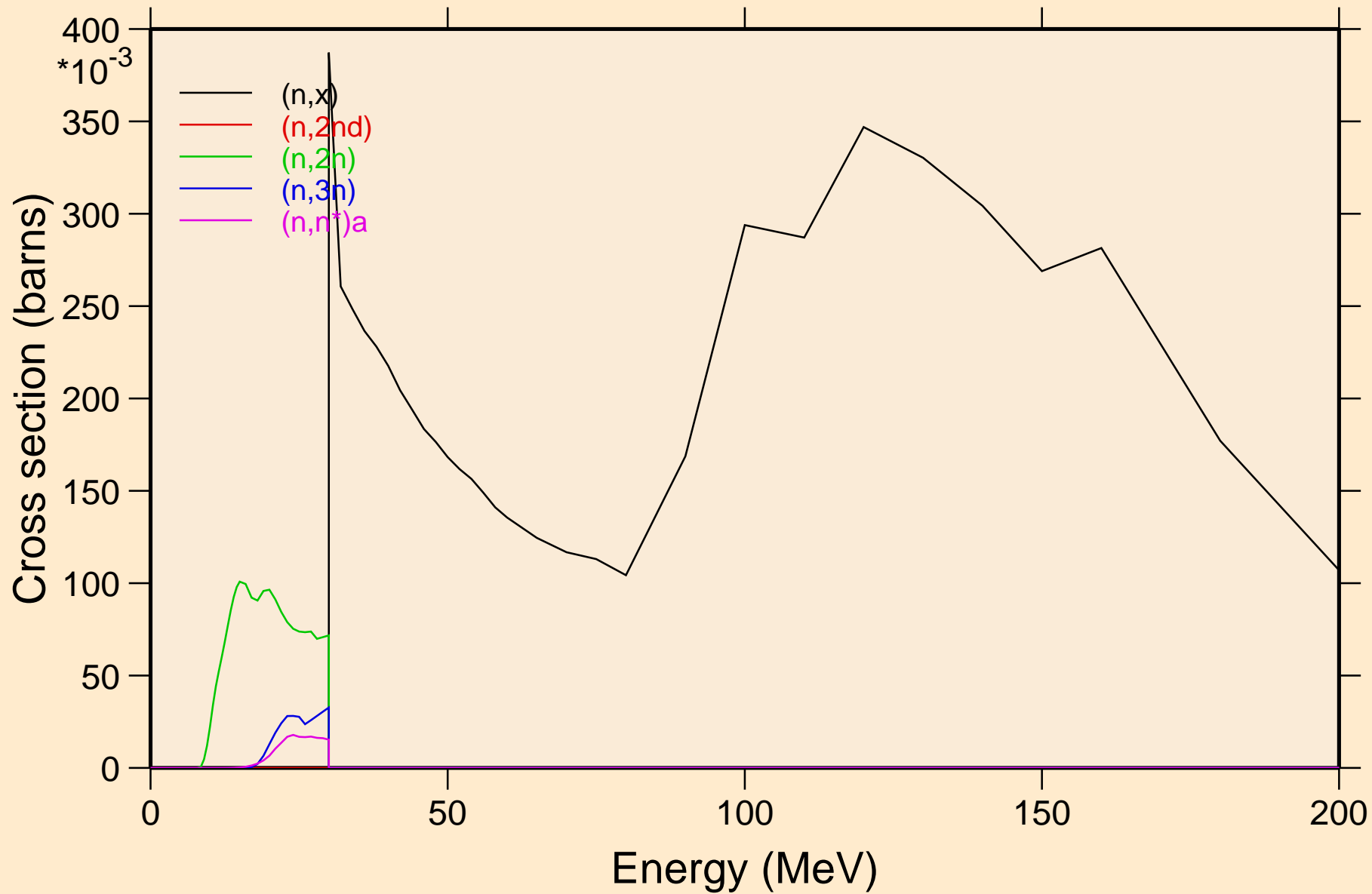


MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

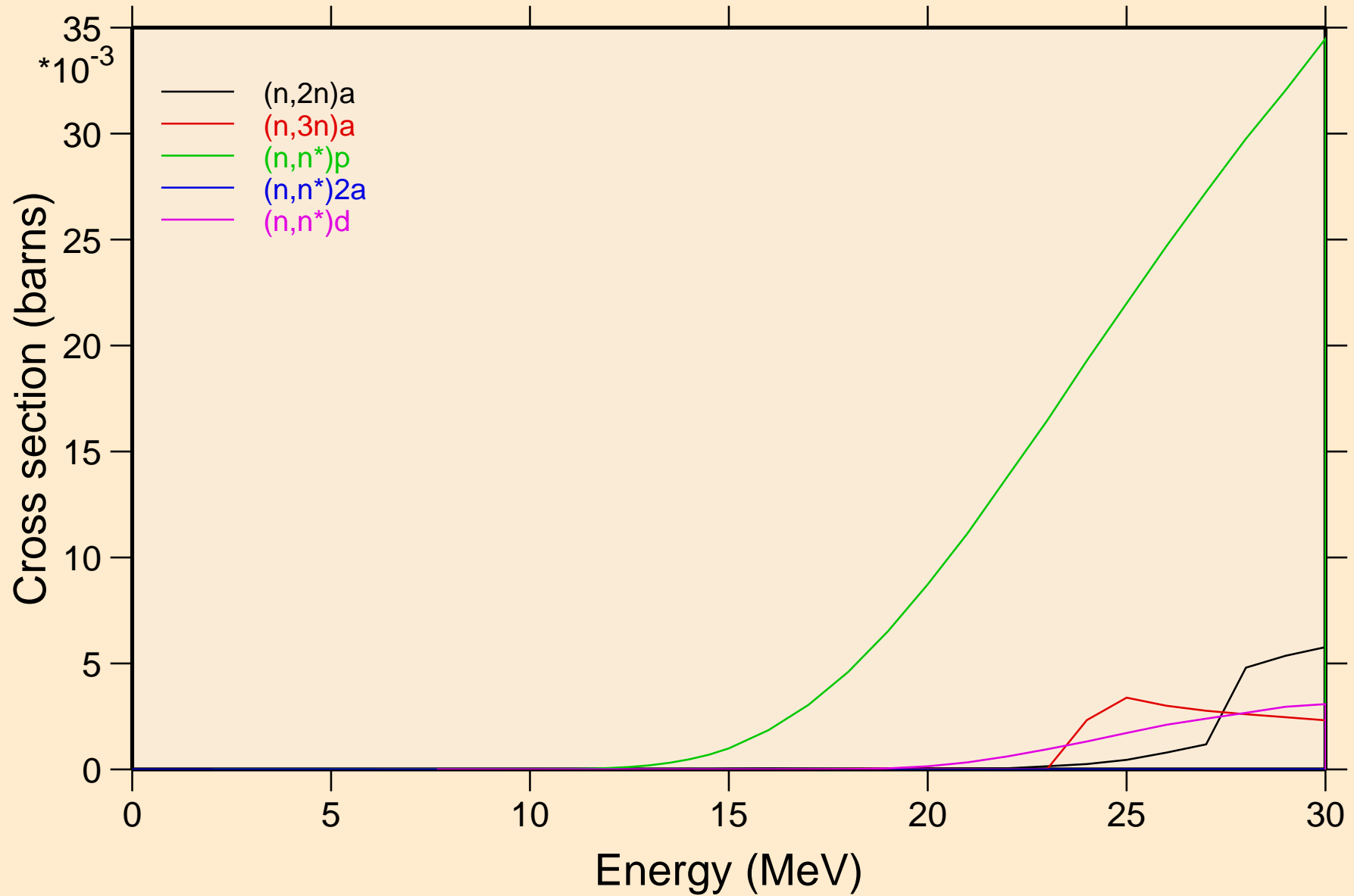




MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

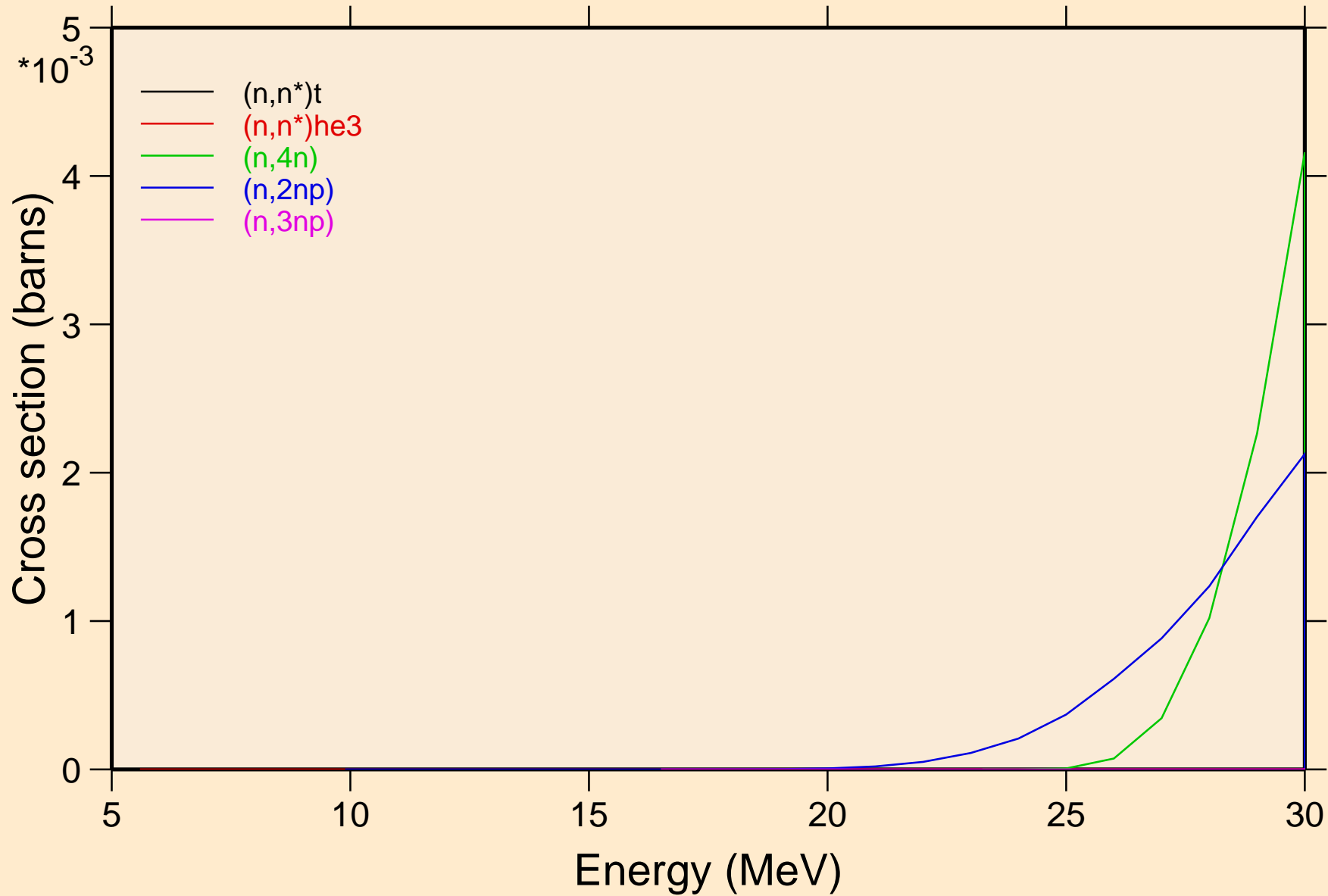


MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

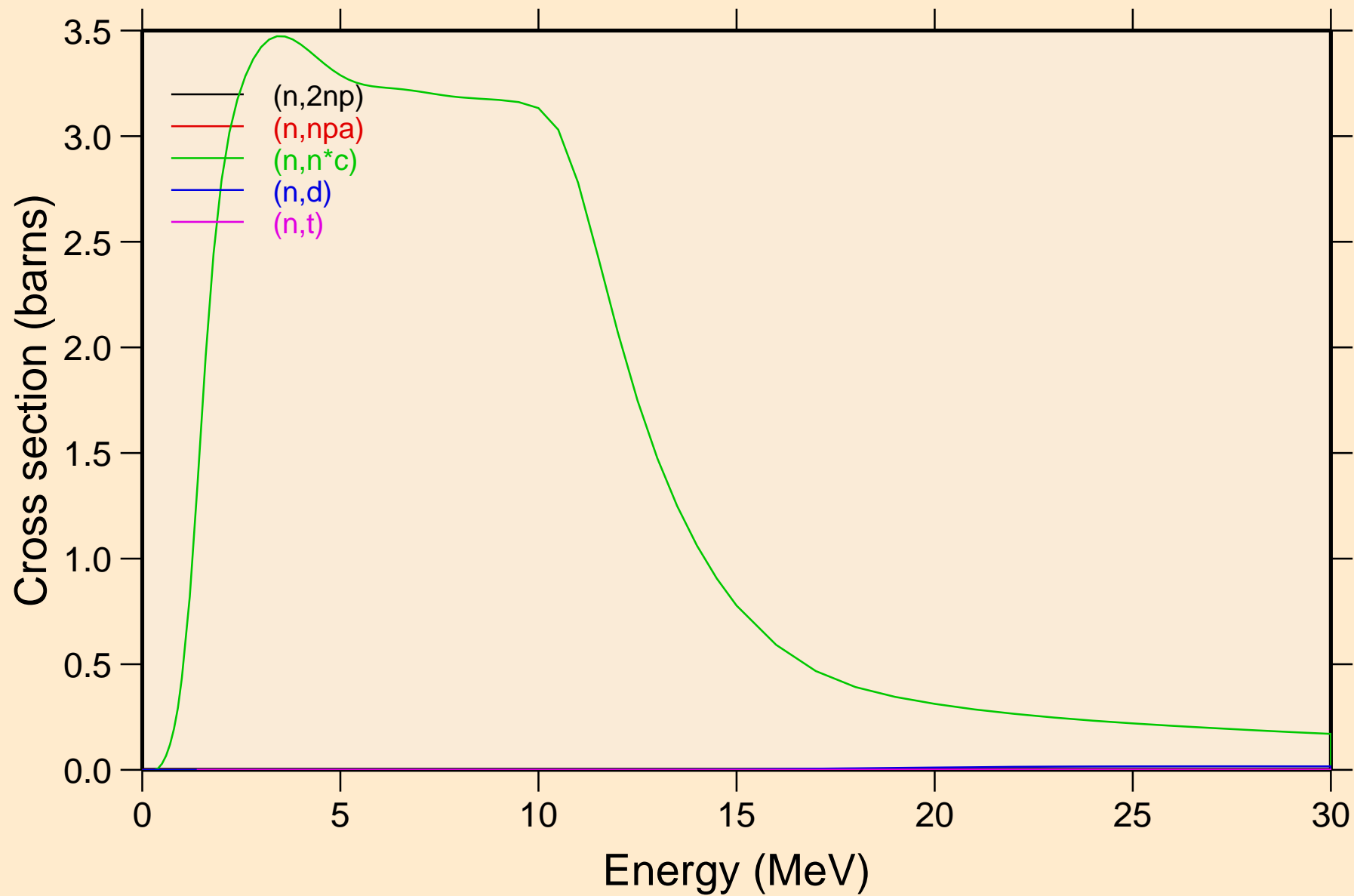


# MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

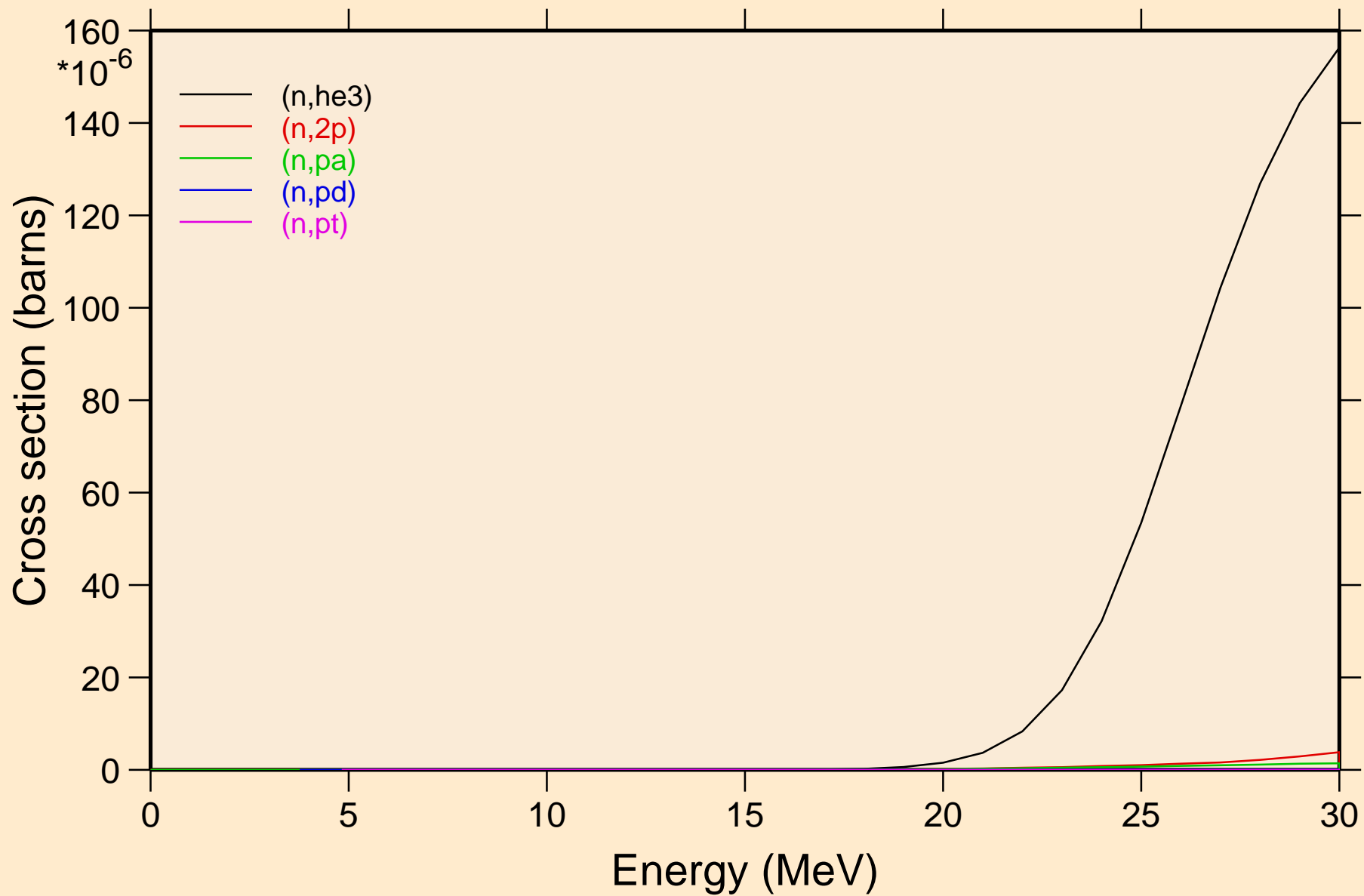
## Threshold reactions



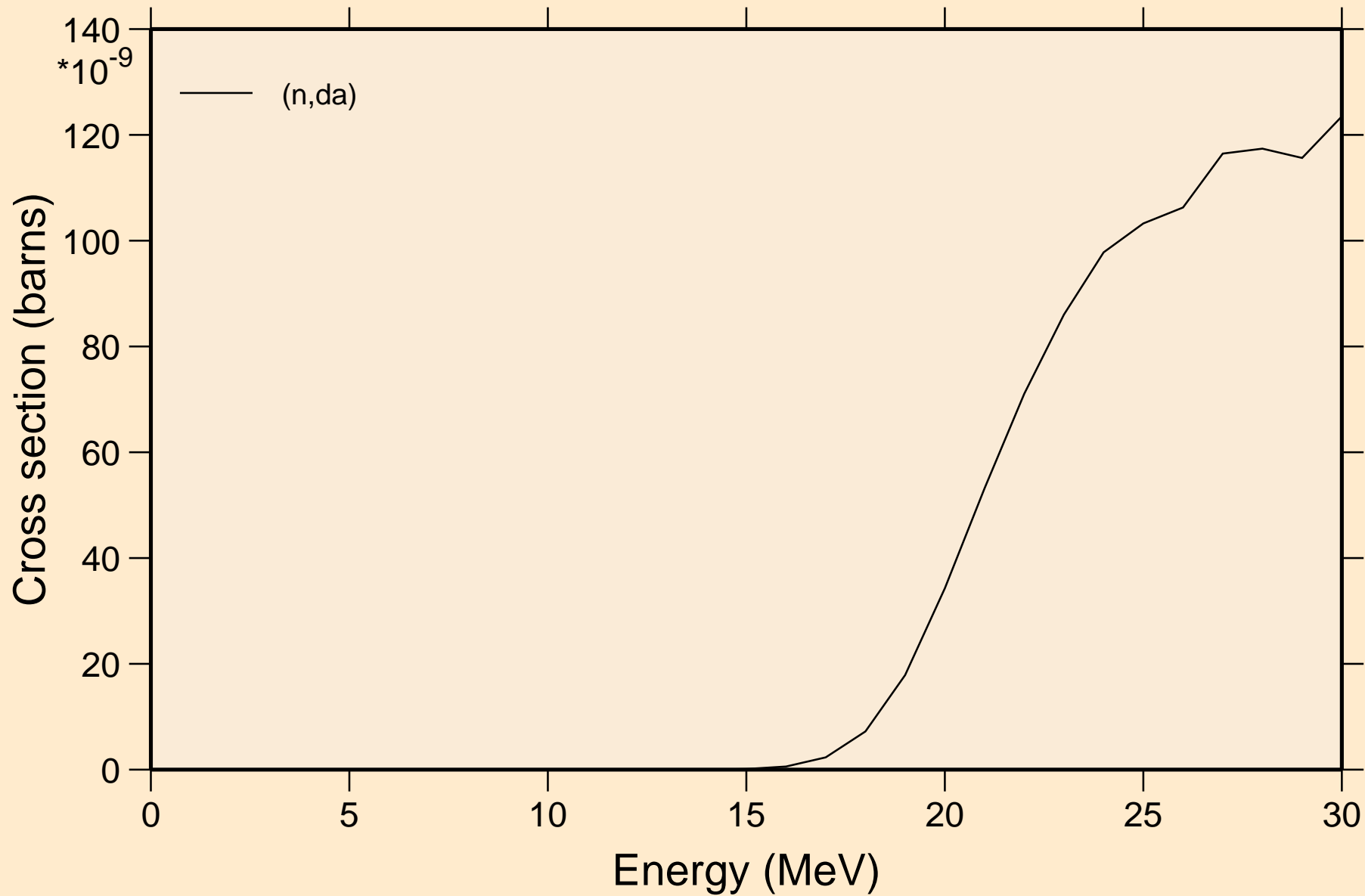
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



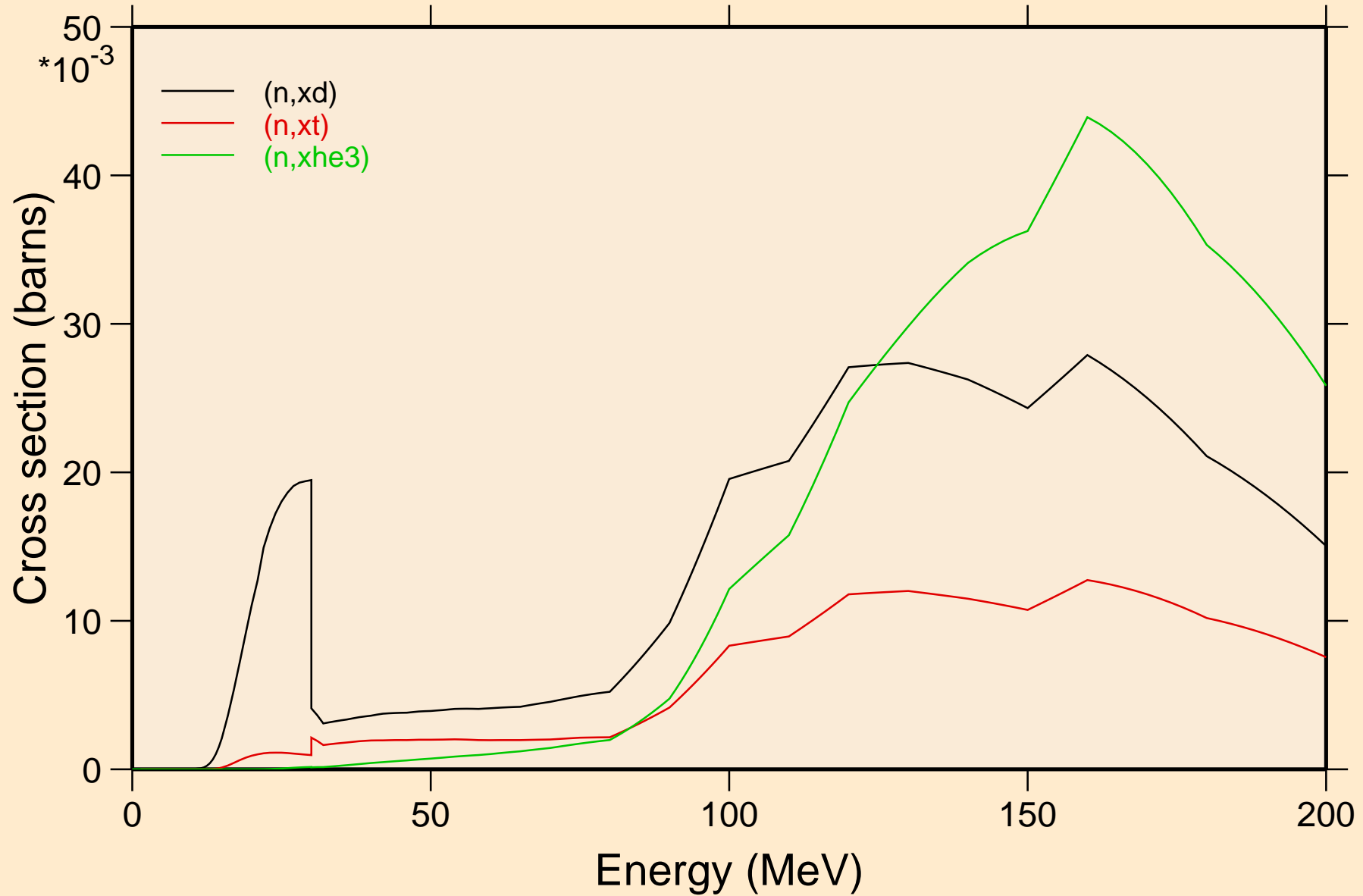
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



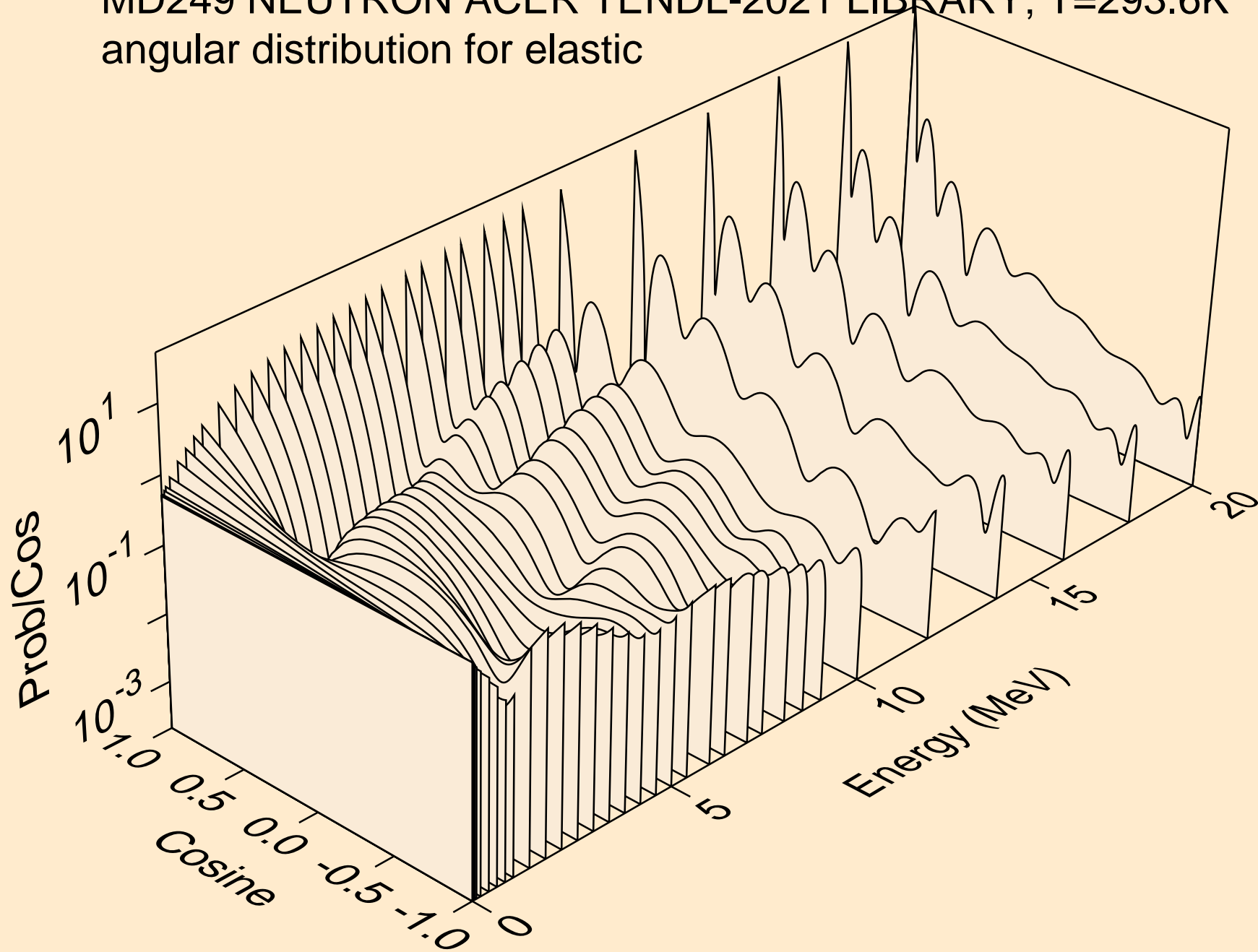
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

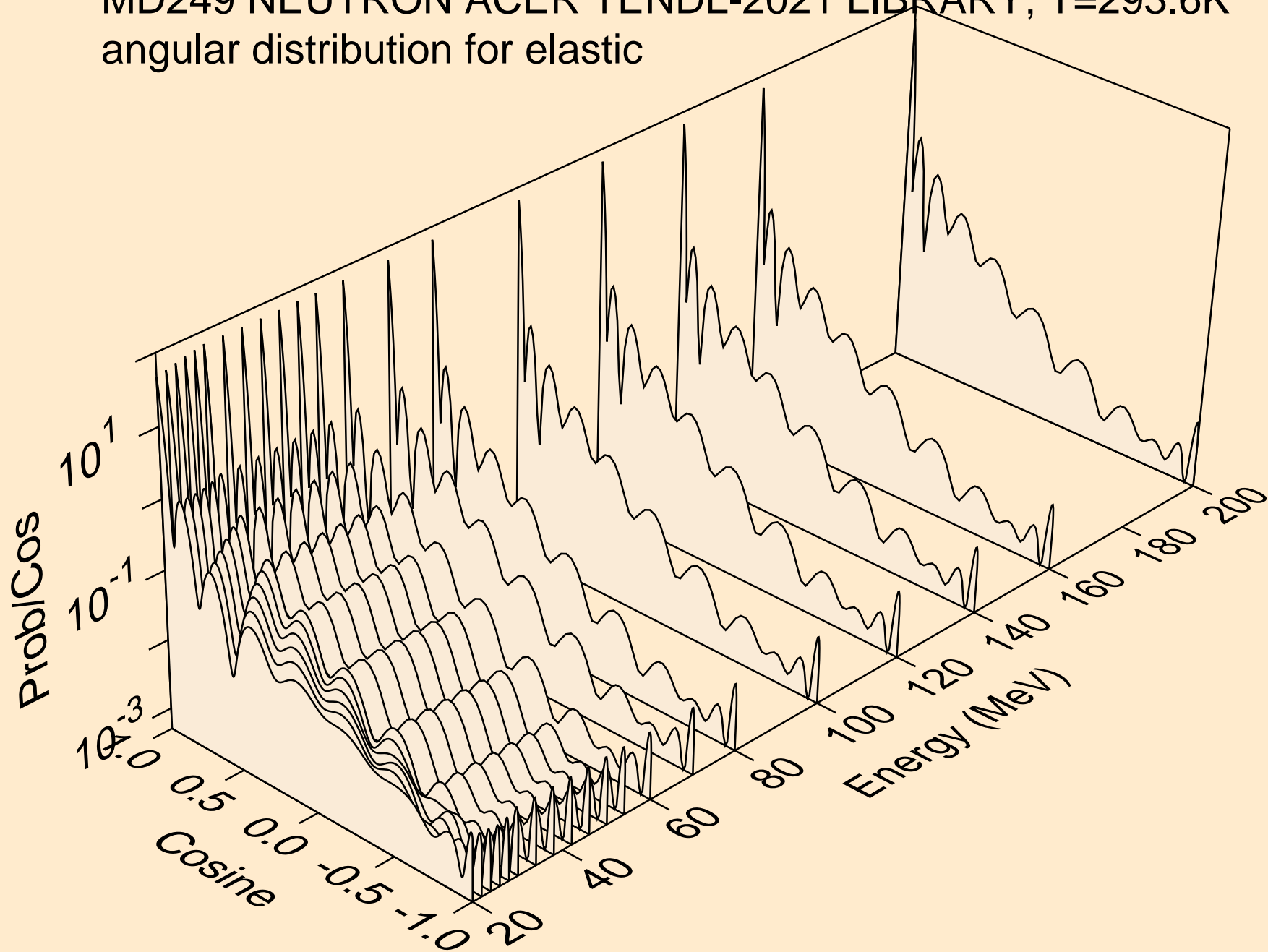


MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic

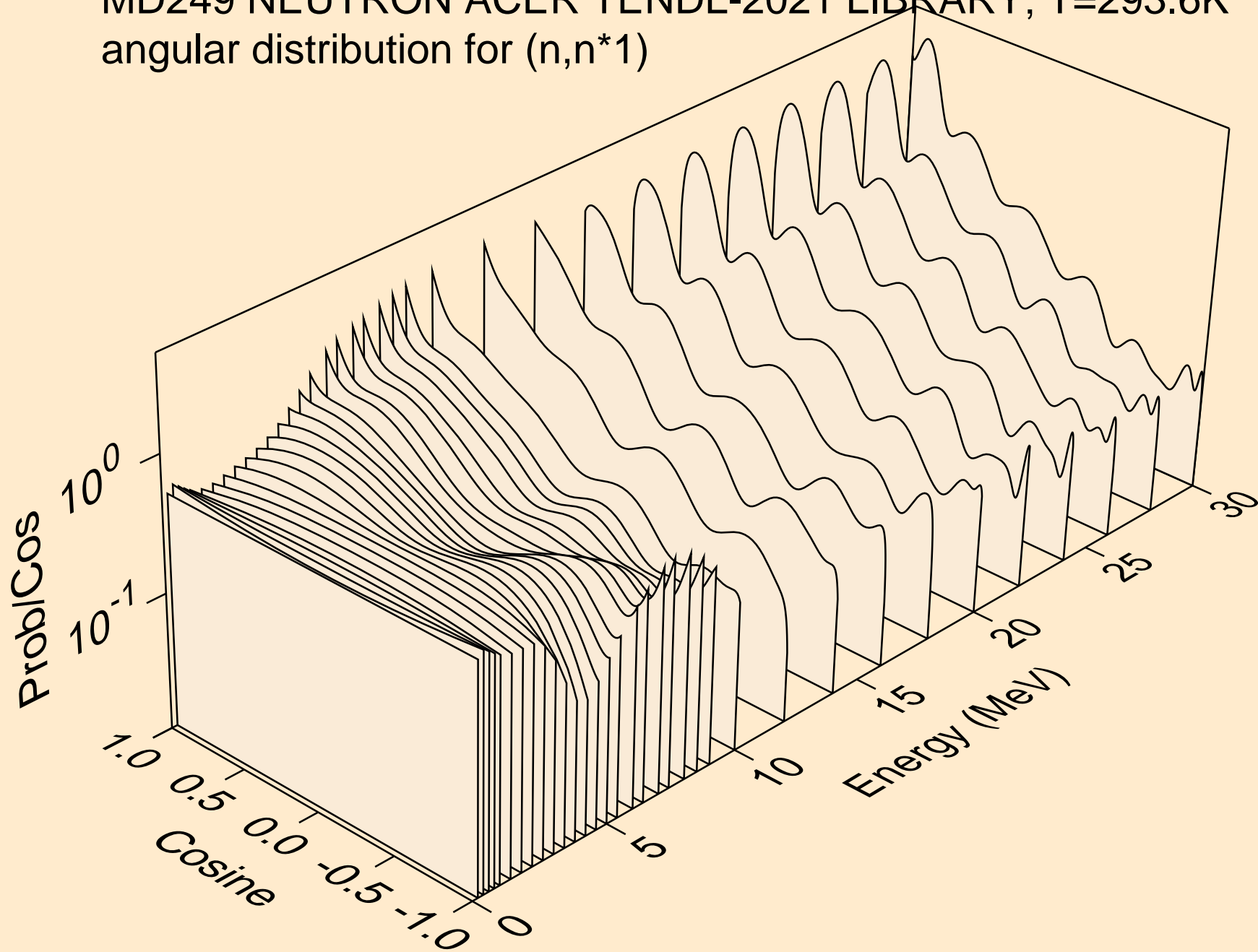




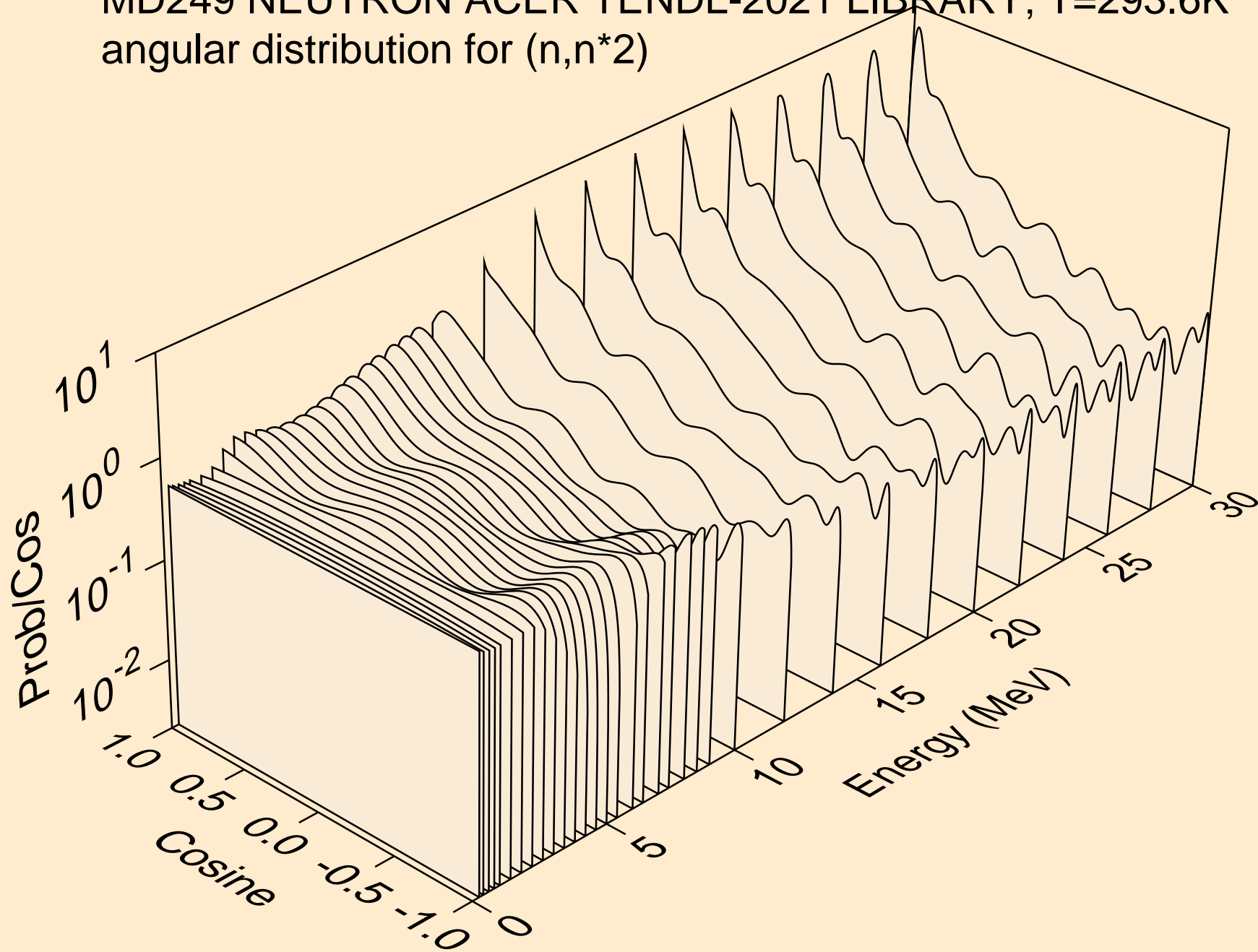
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



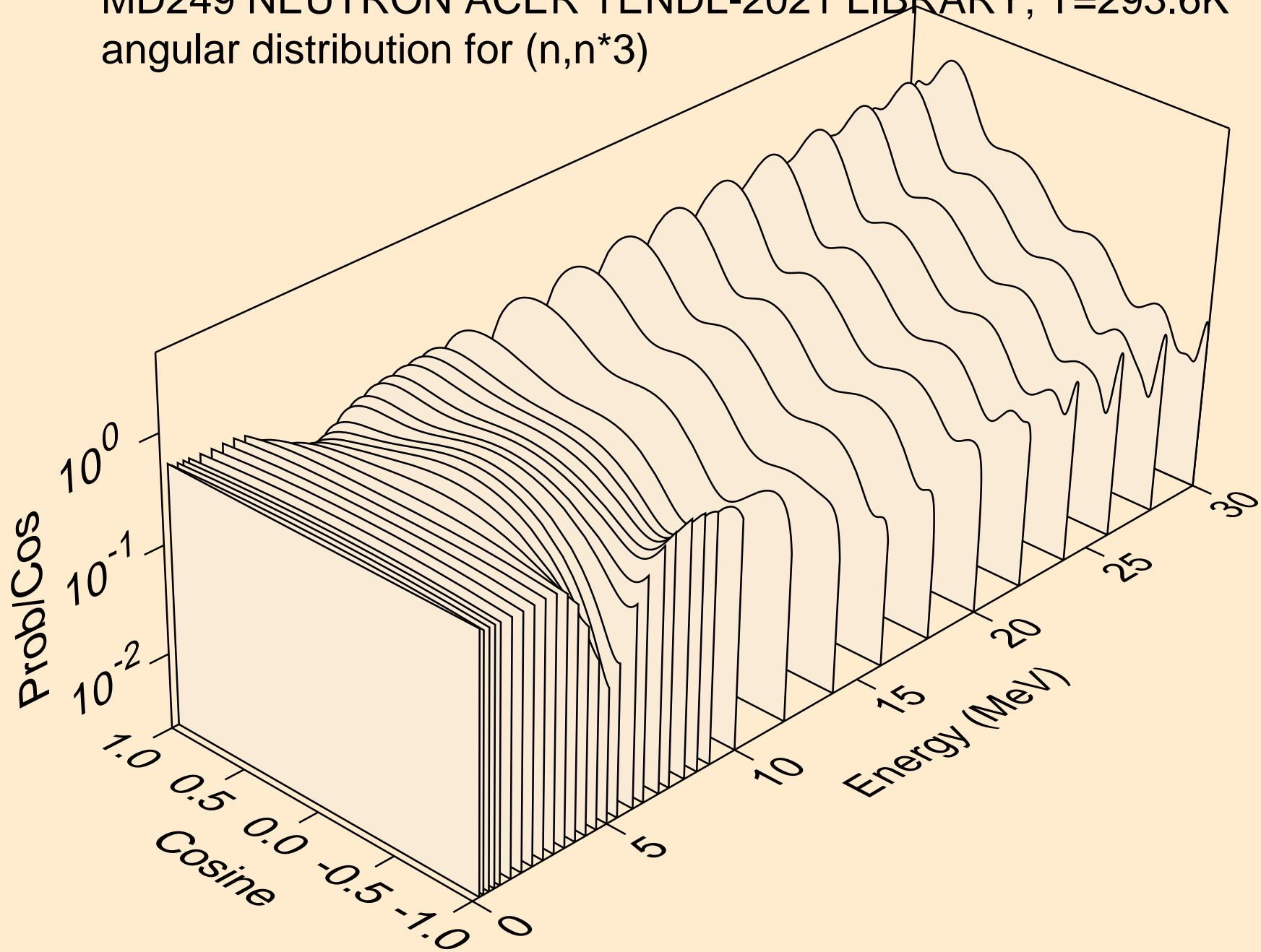
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



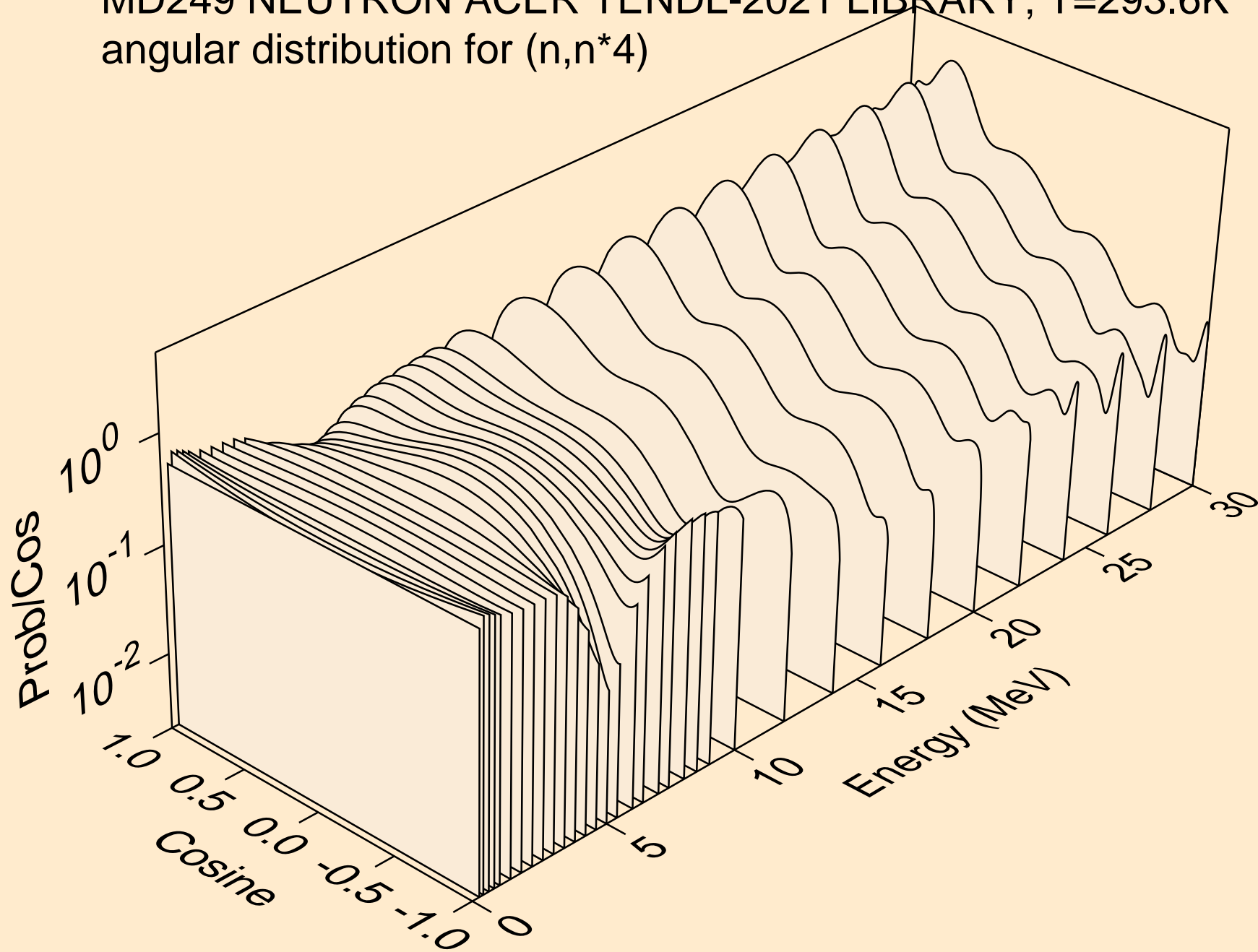
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)



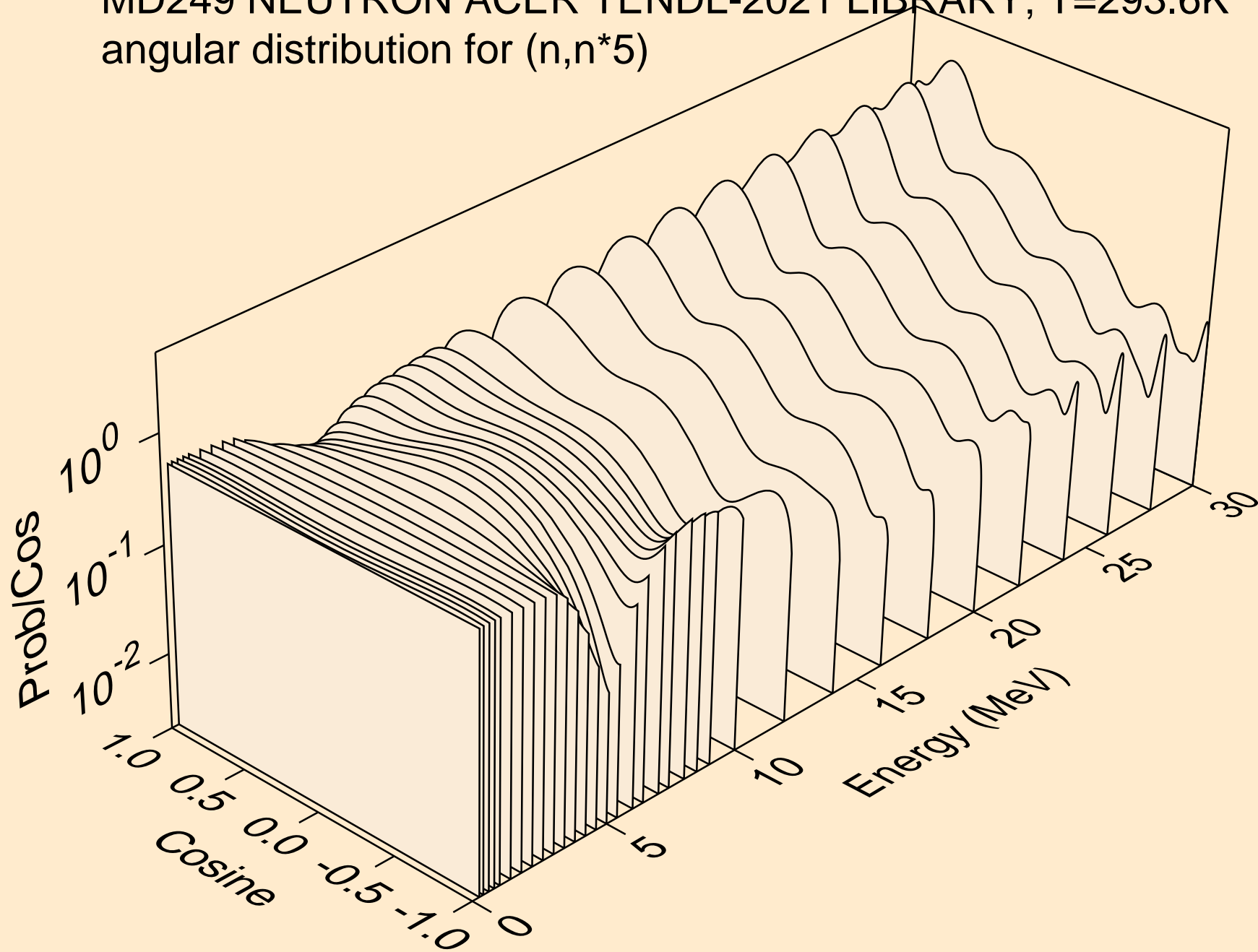
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*3)



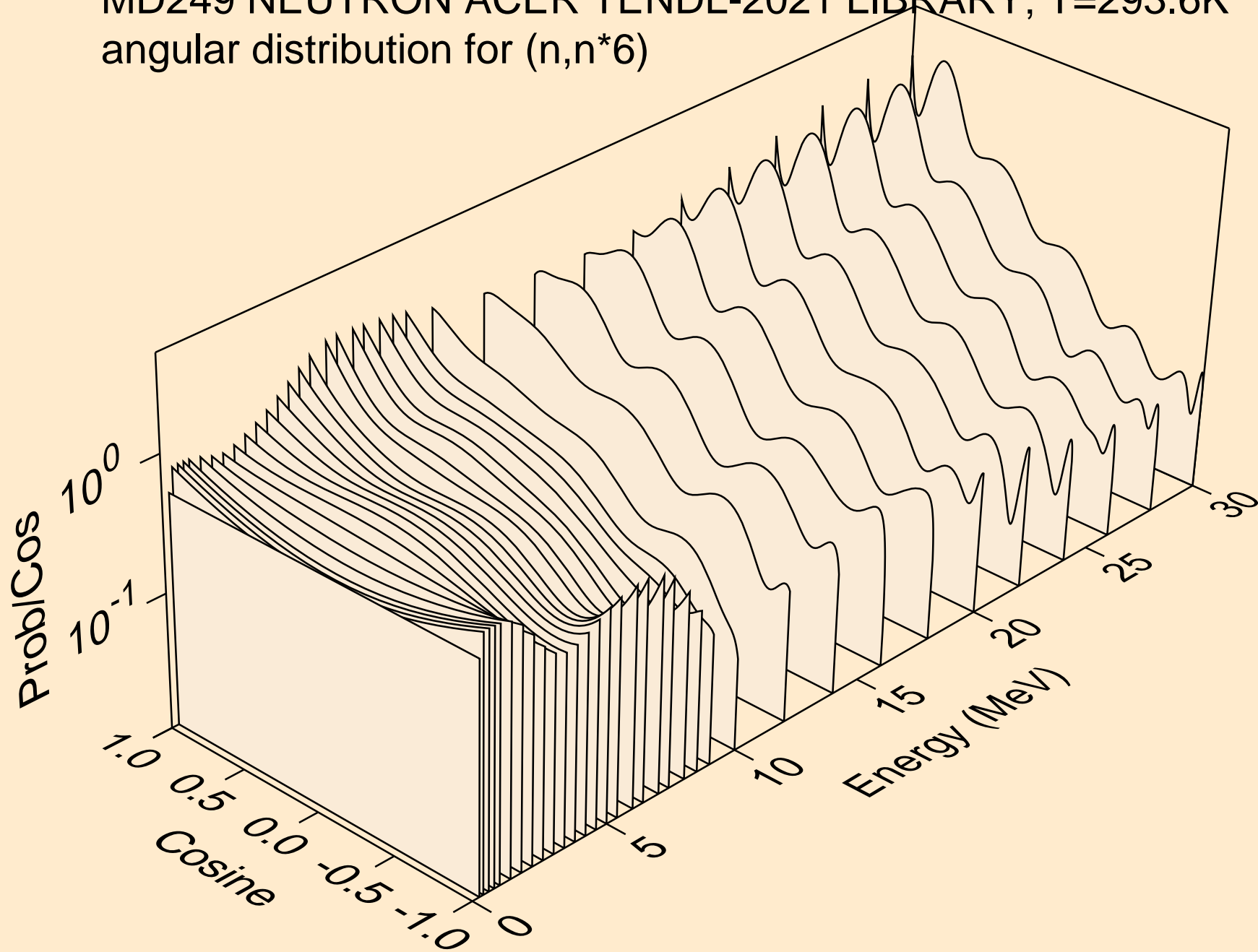
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*4)



MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*5)

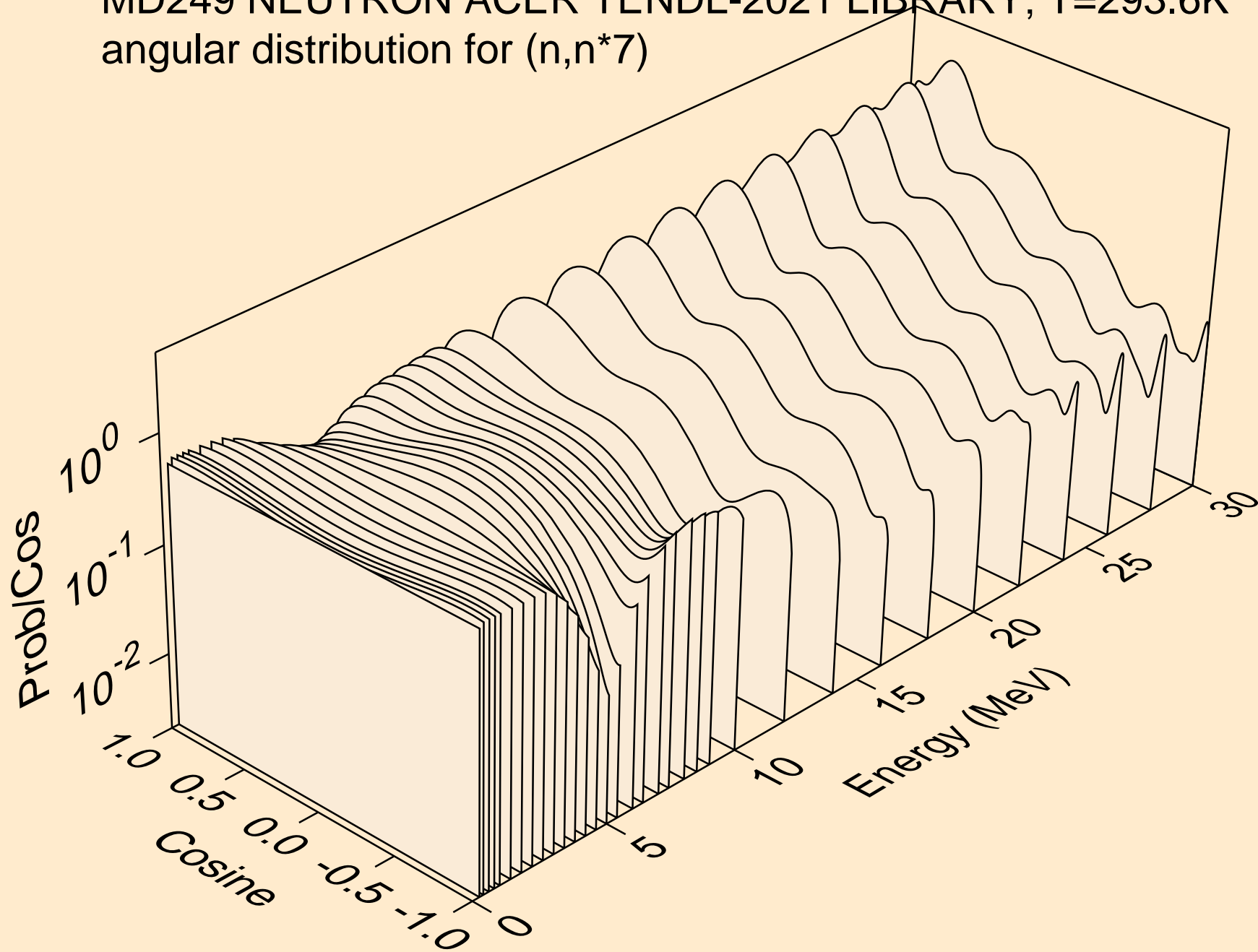


MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*6)



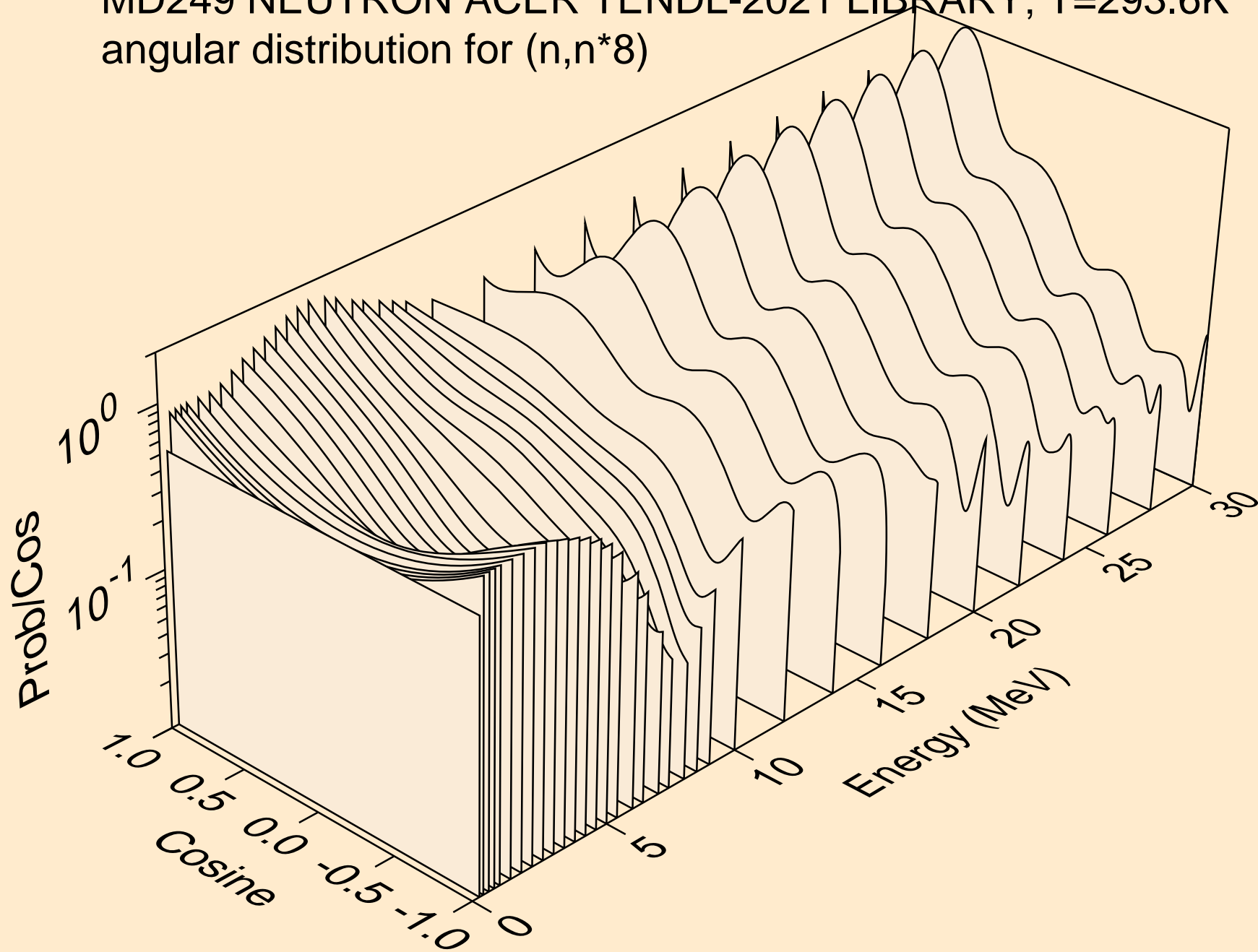


MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*7)

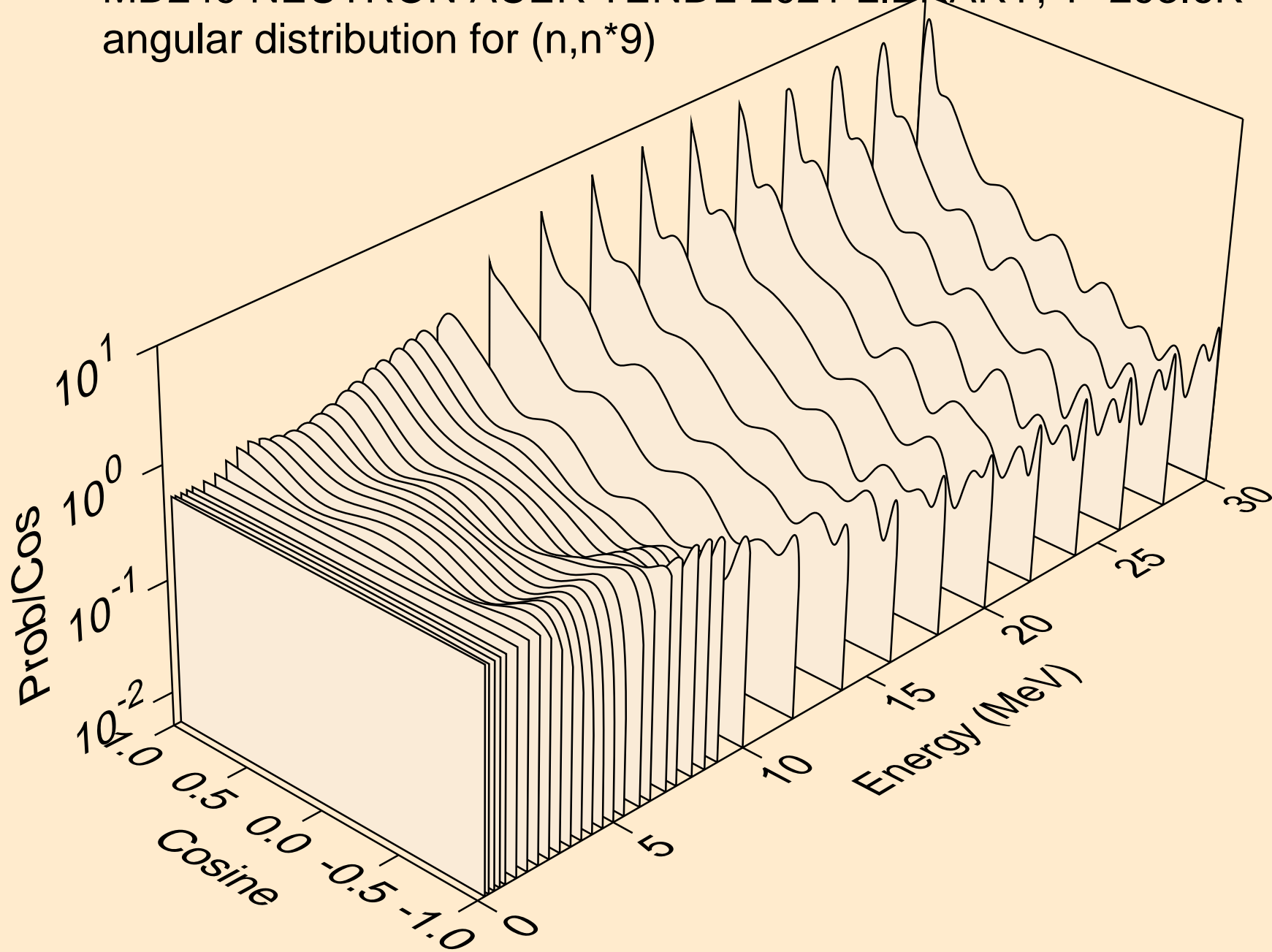




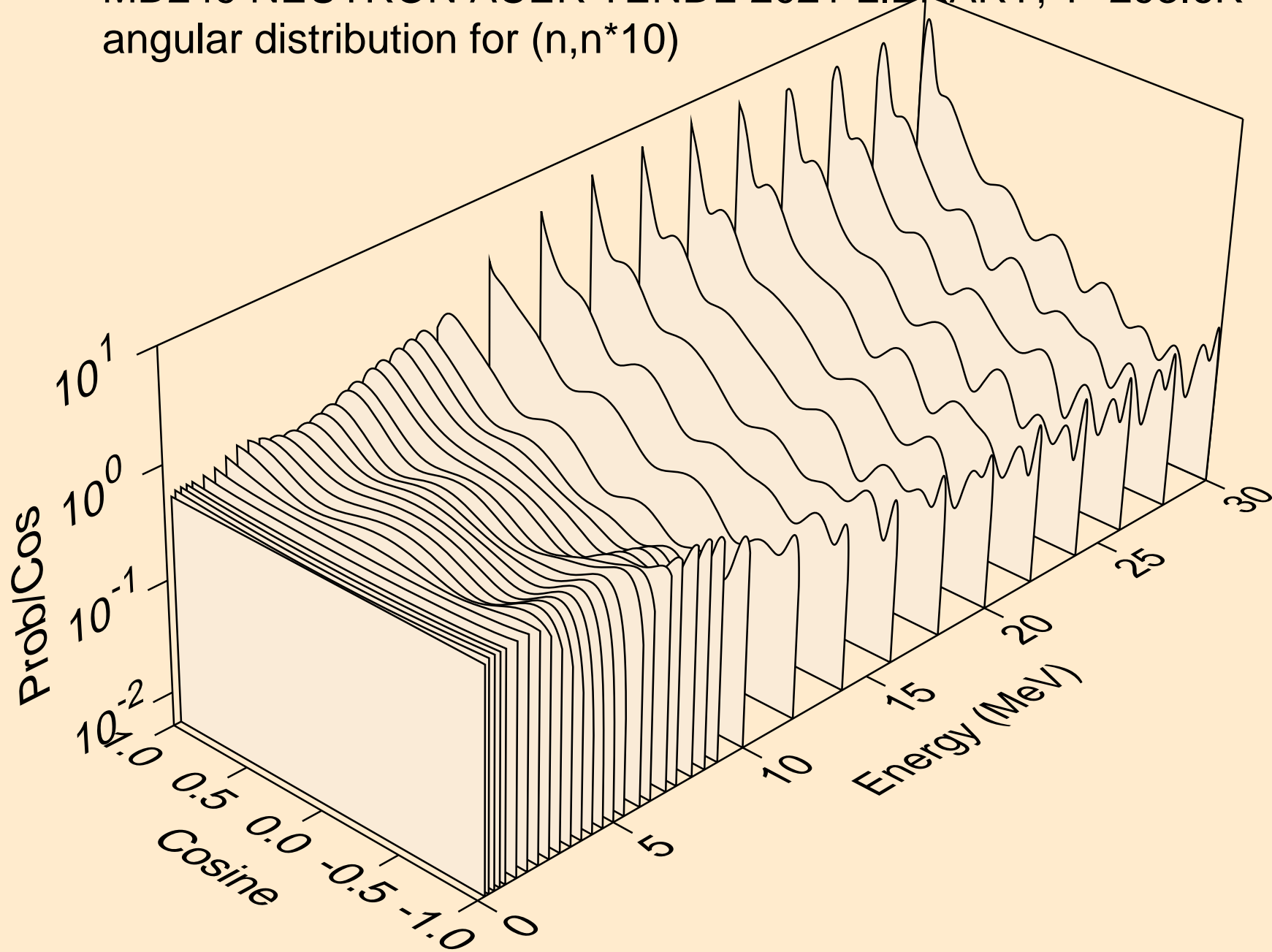
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*8)



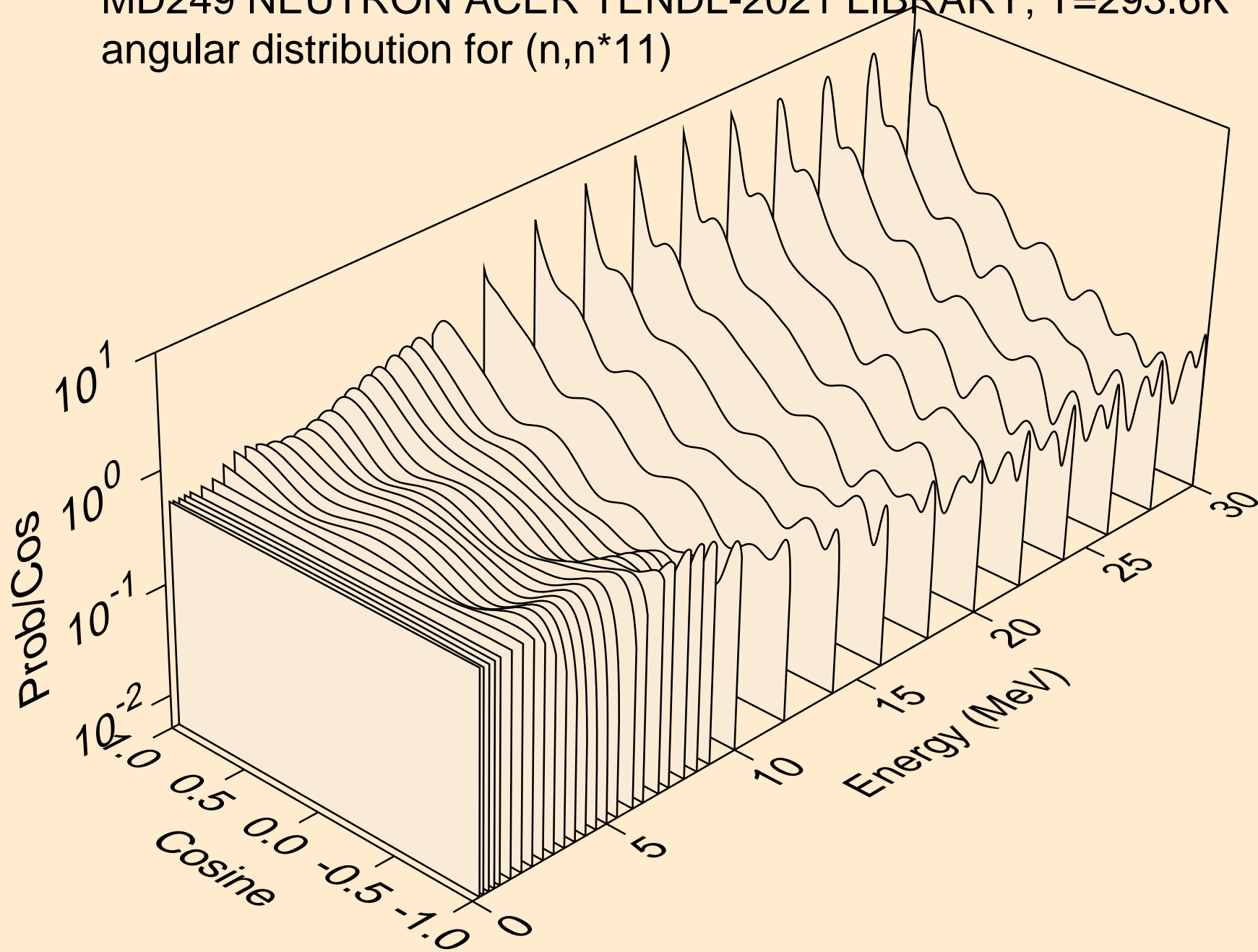
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*9)



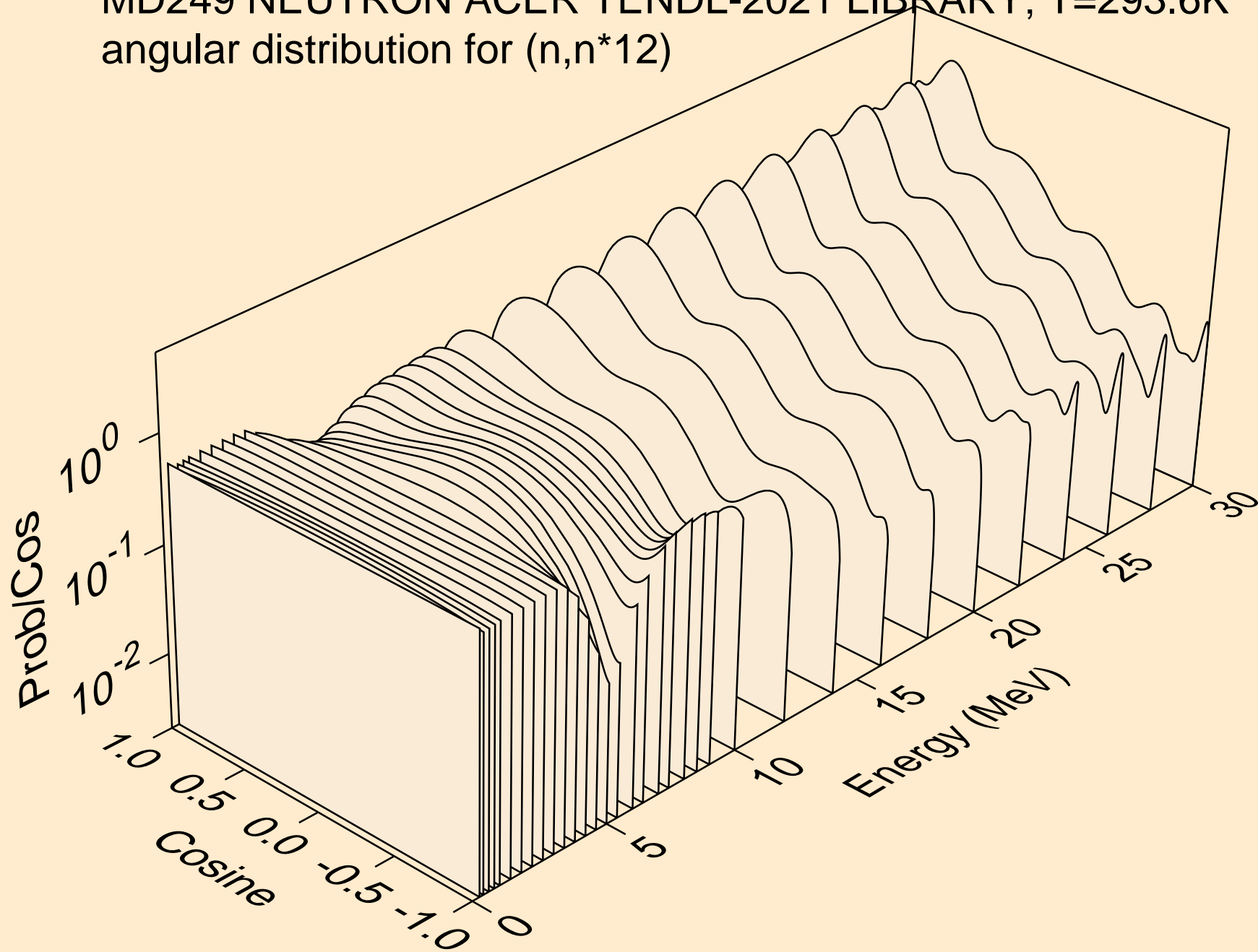
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*10)



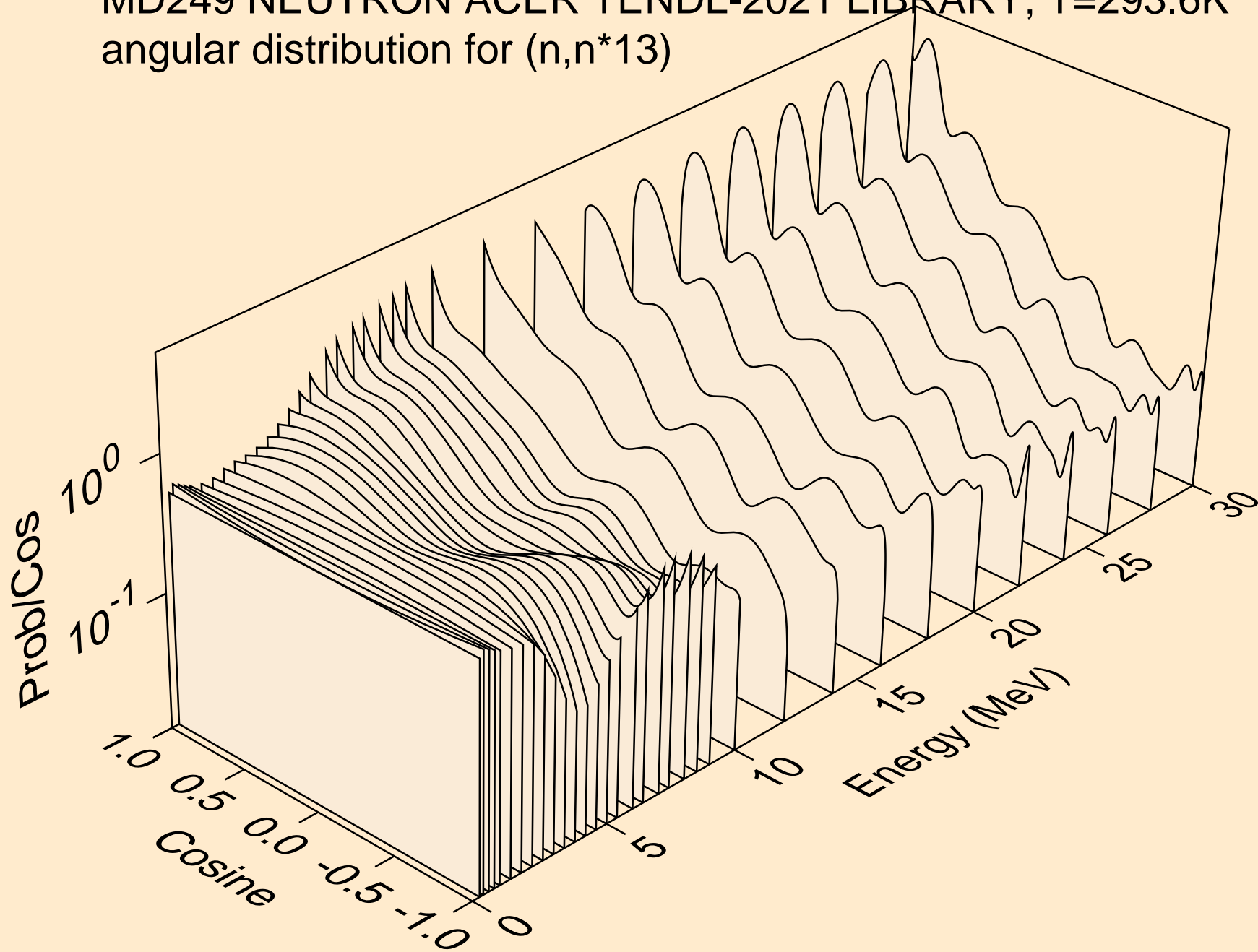
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*11)



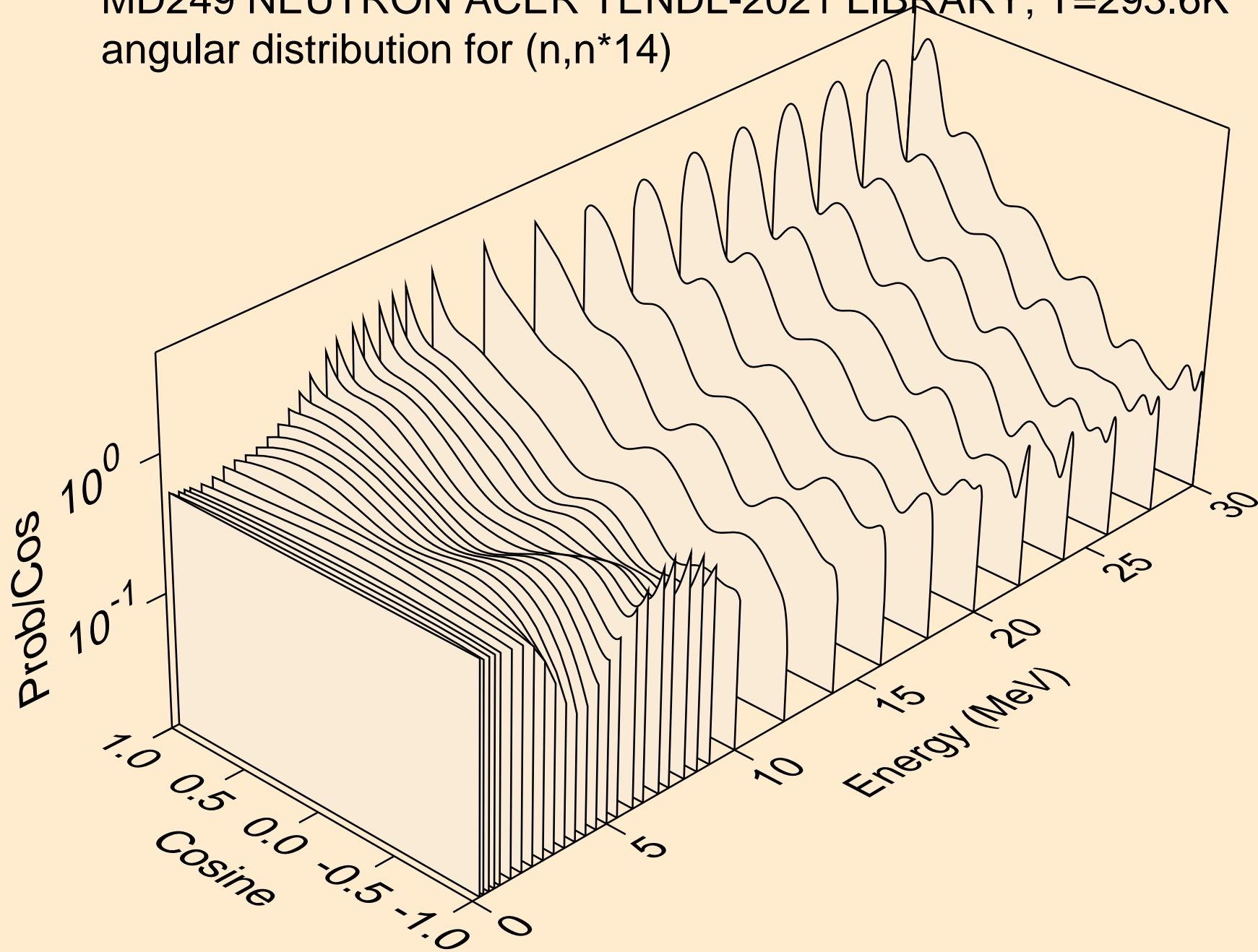
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*12)



MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*13)

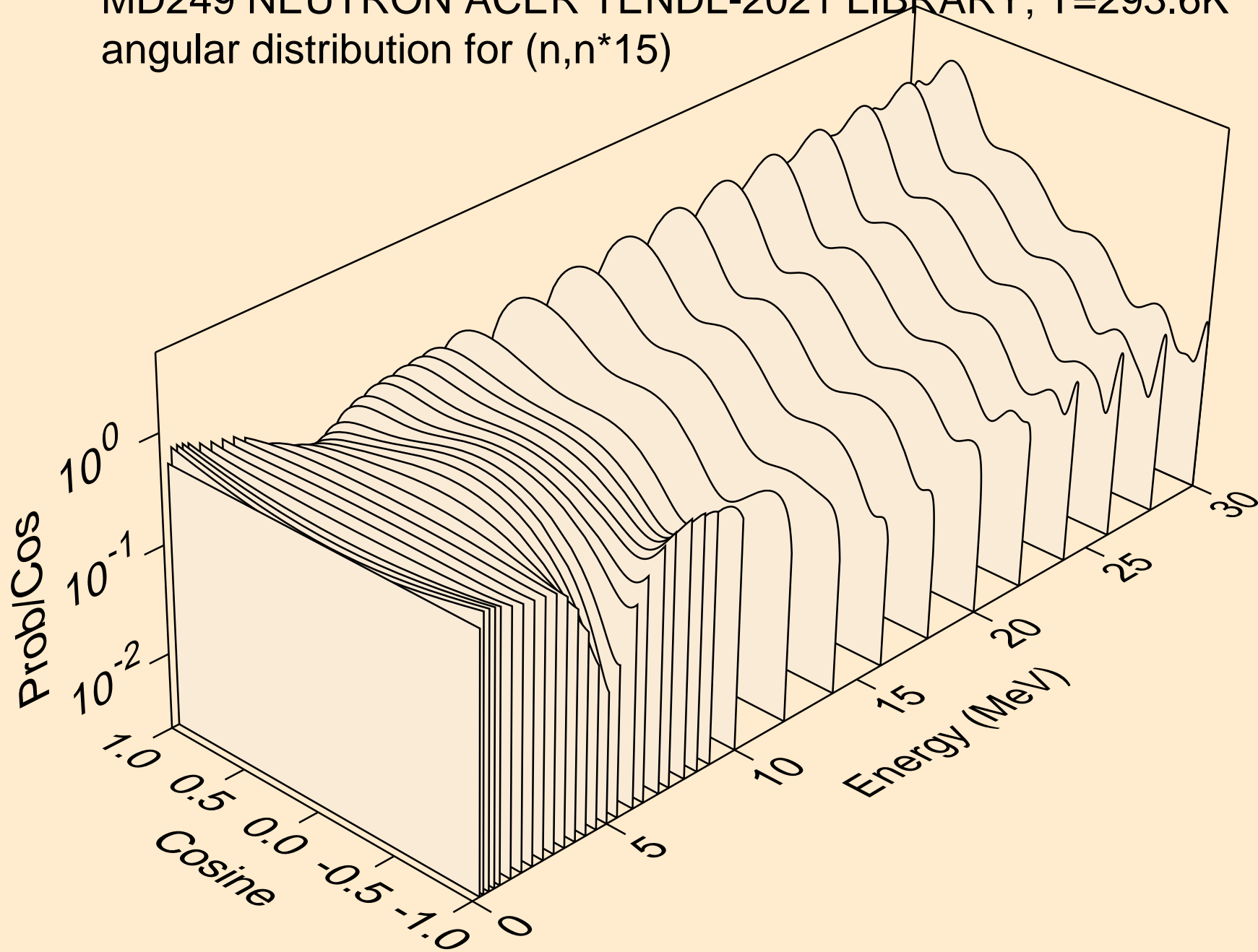


MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*14)



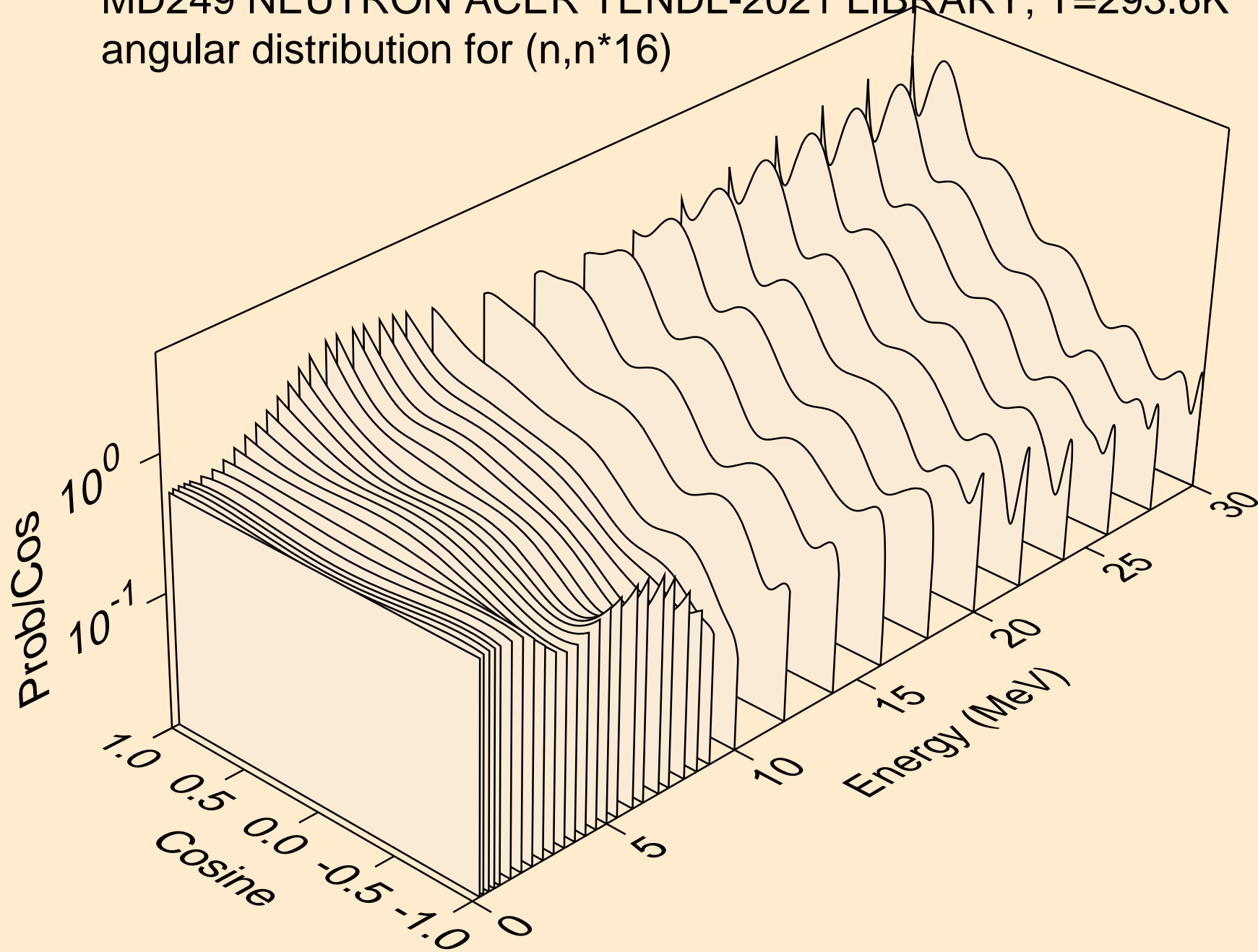


MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*15)

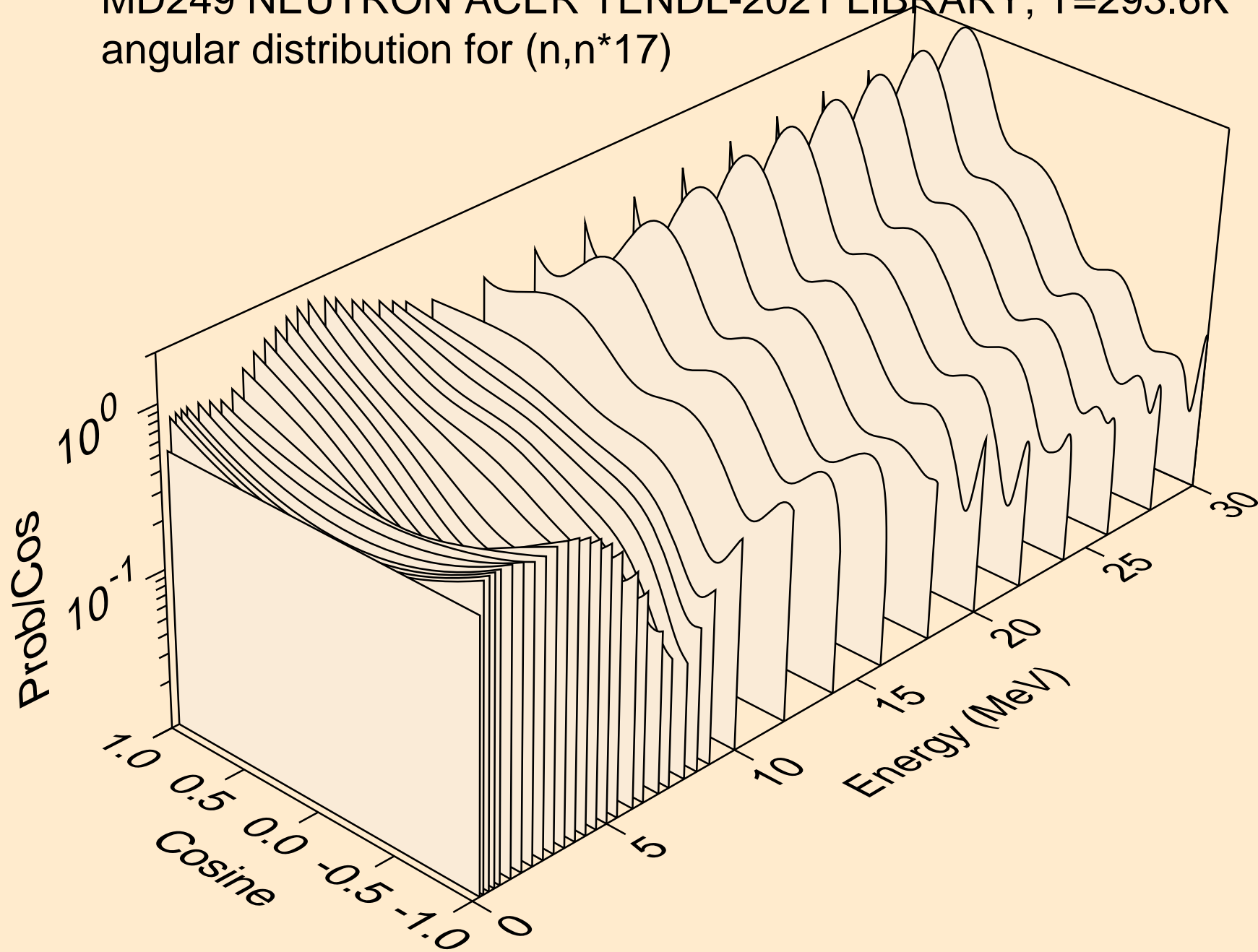




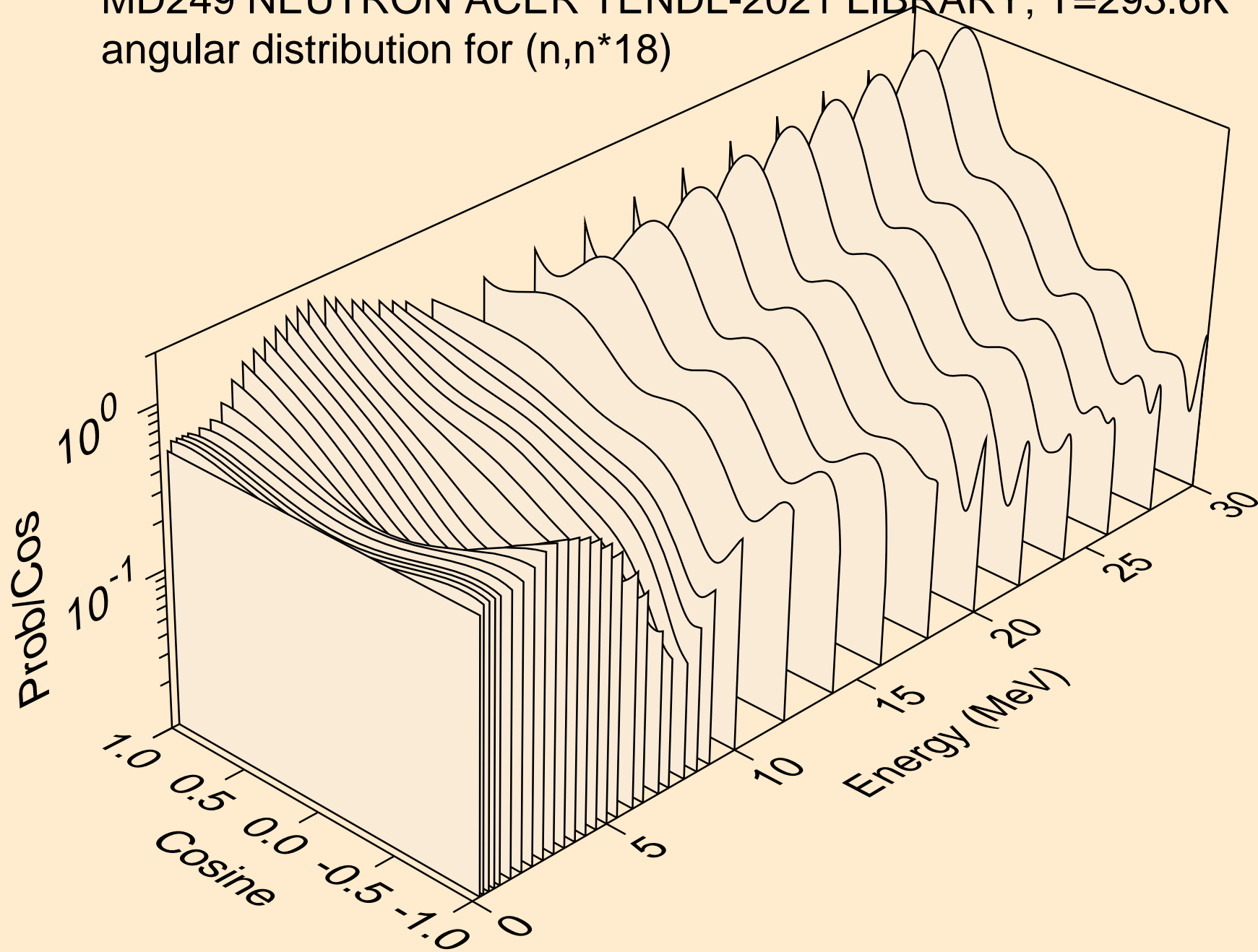
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*16)



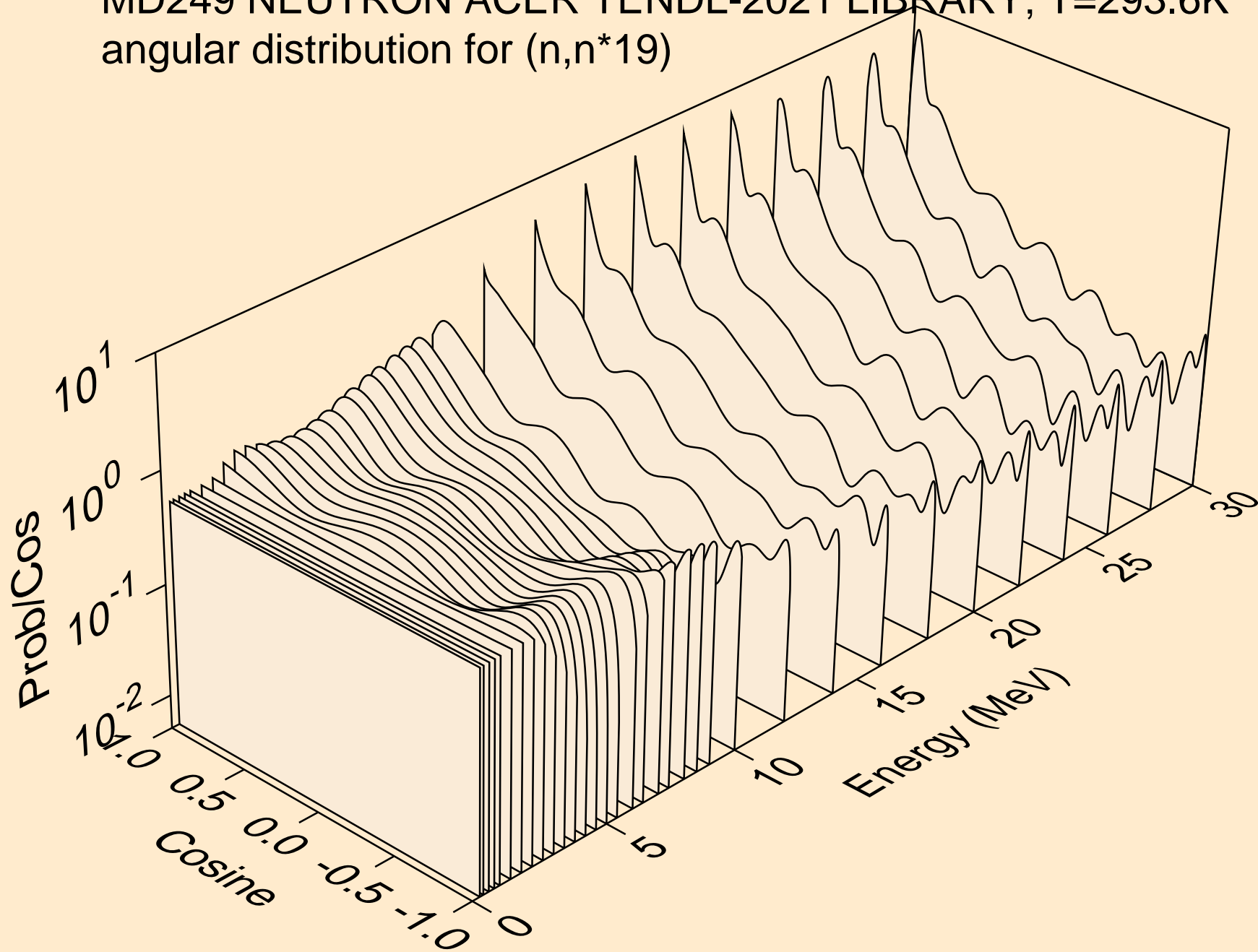
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*17)



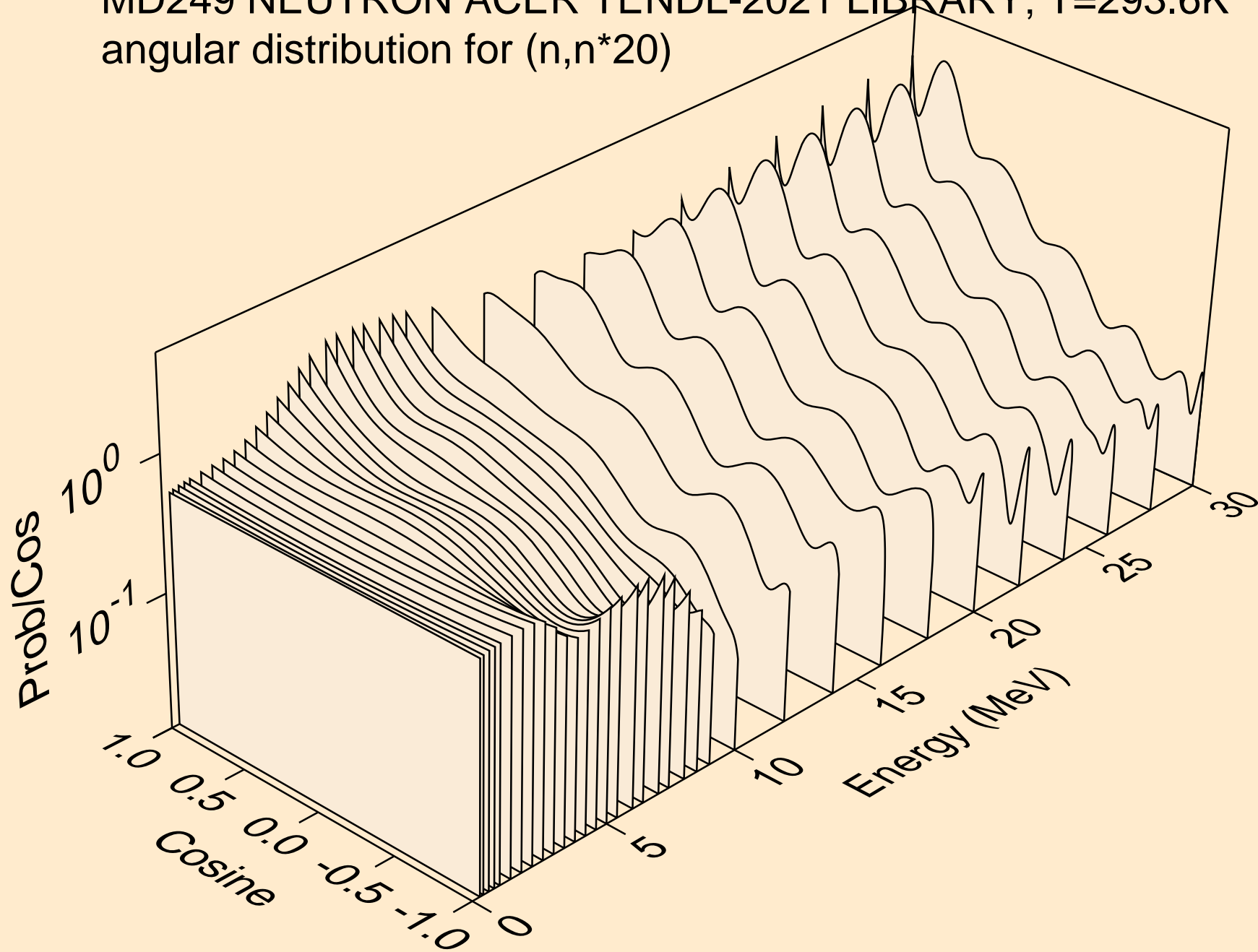
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*18)



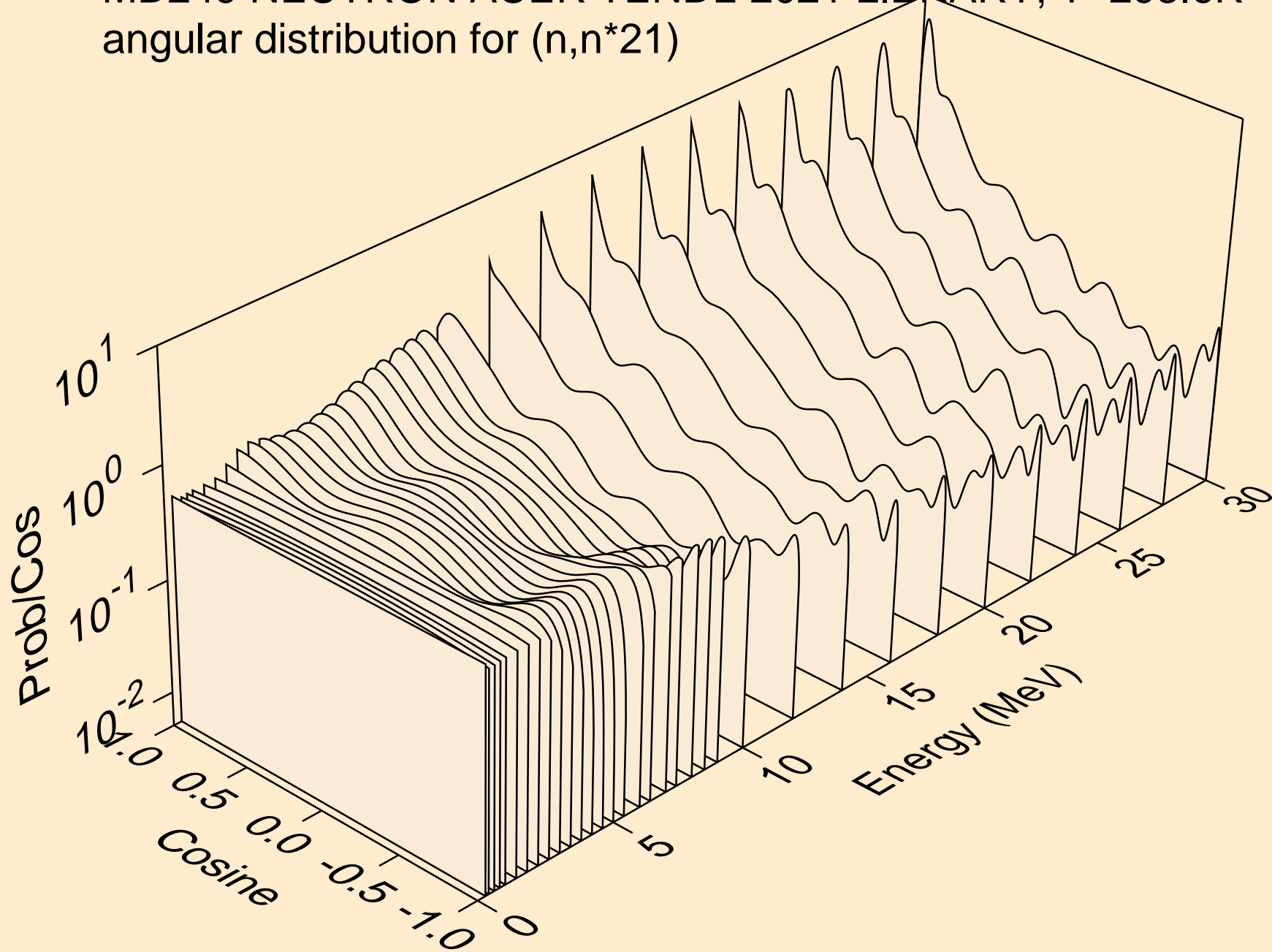
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*19)



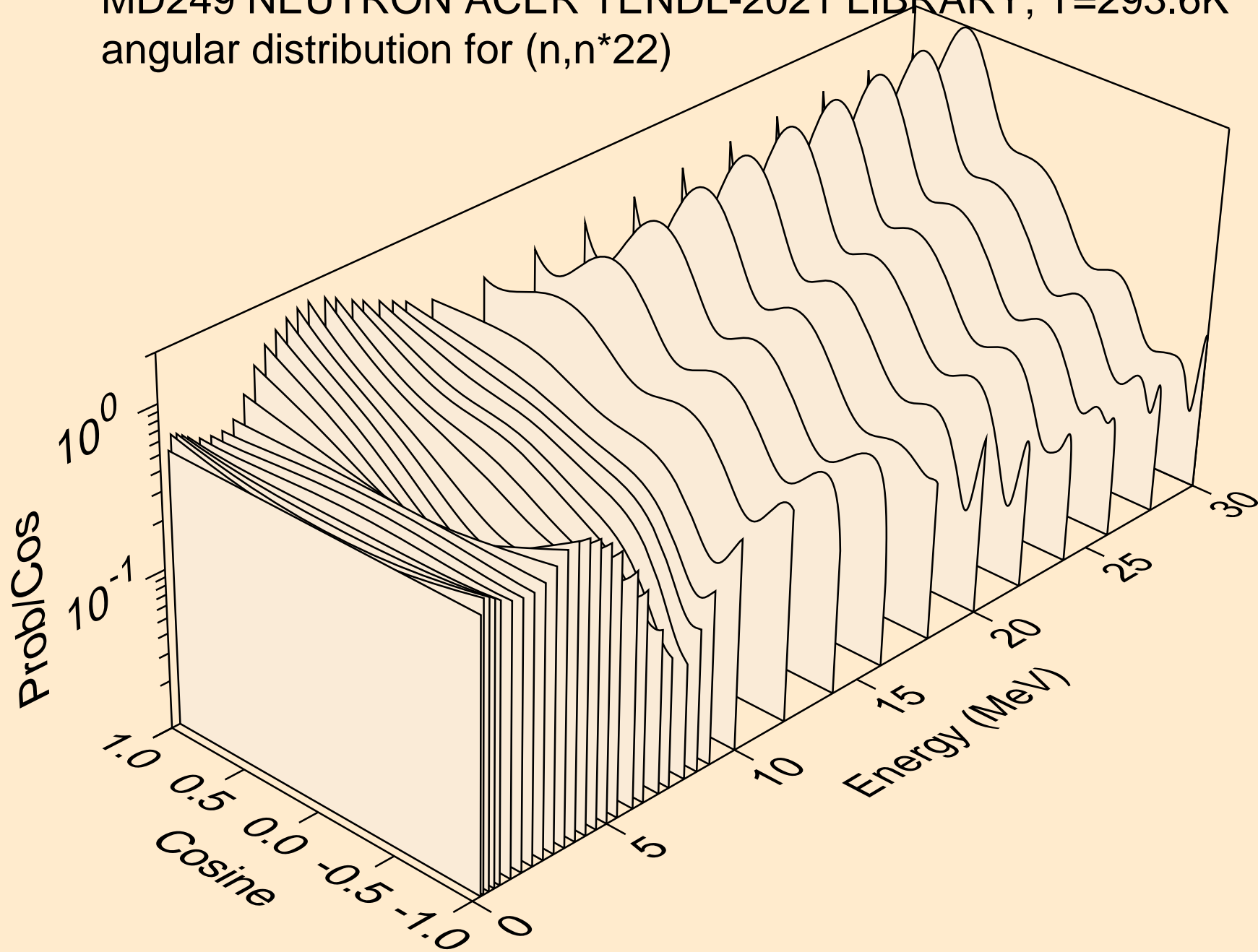
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*20)



MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*21)

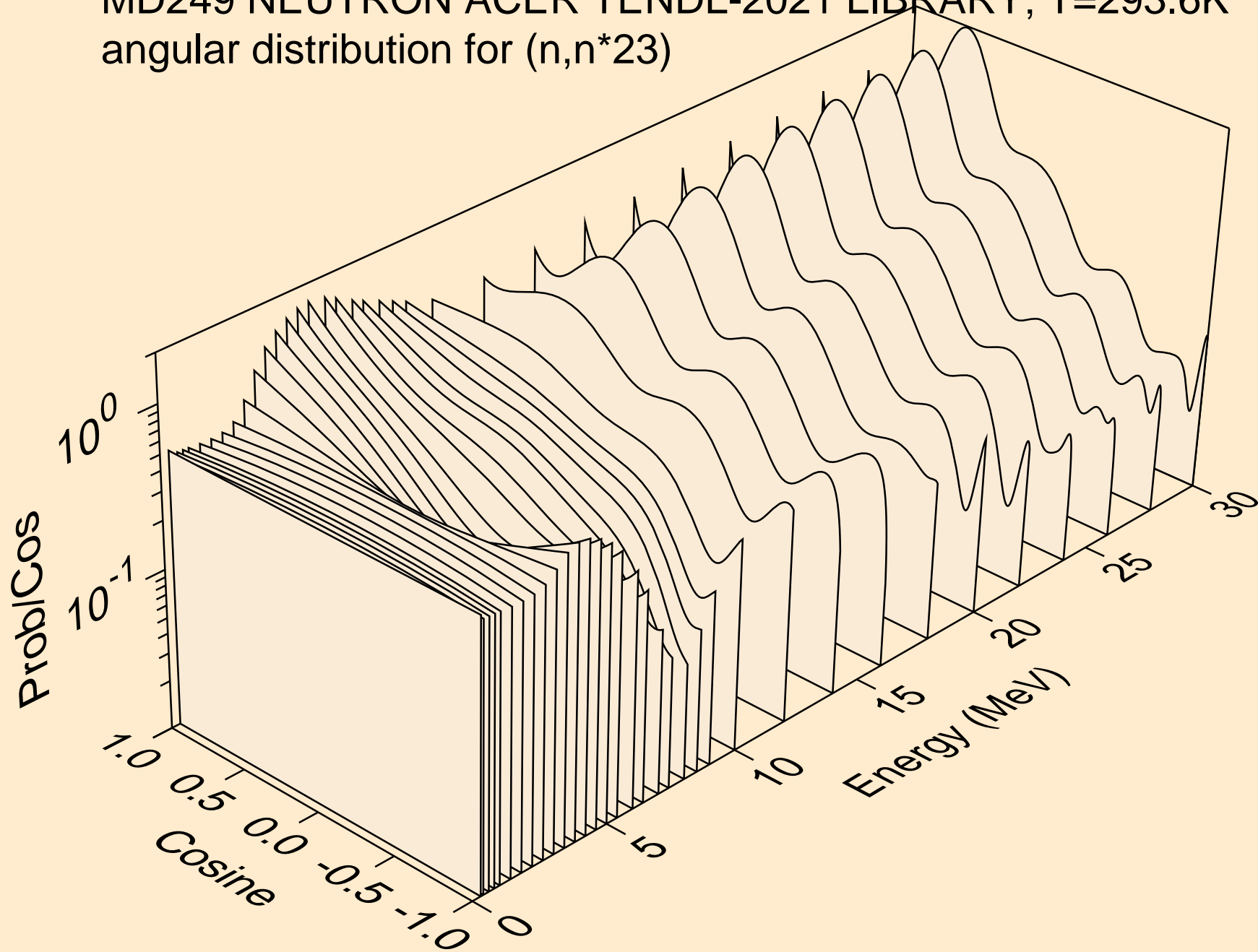


MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*22)



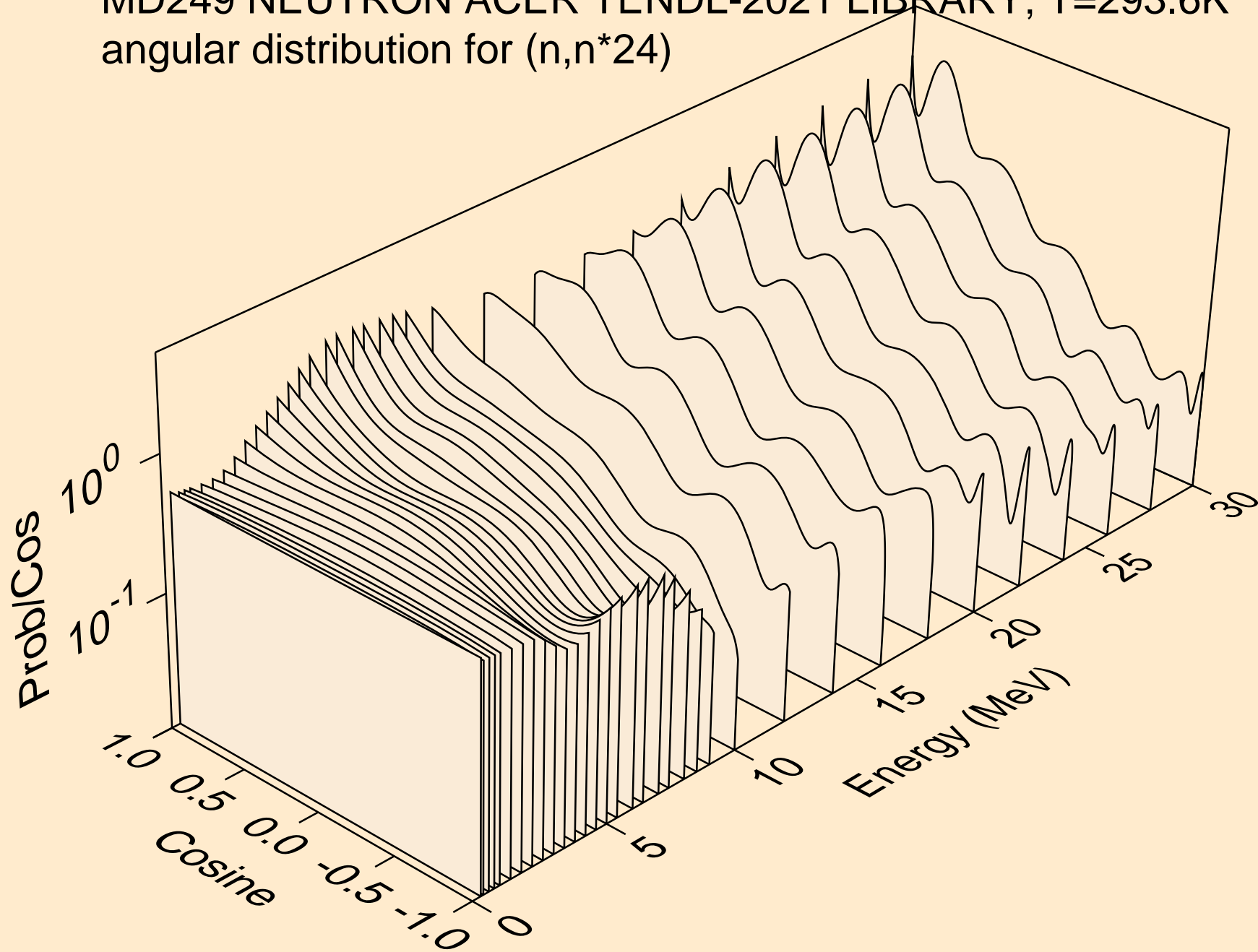


MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*23)

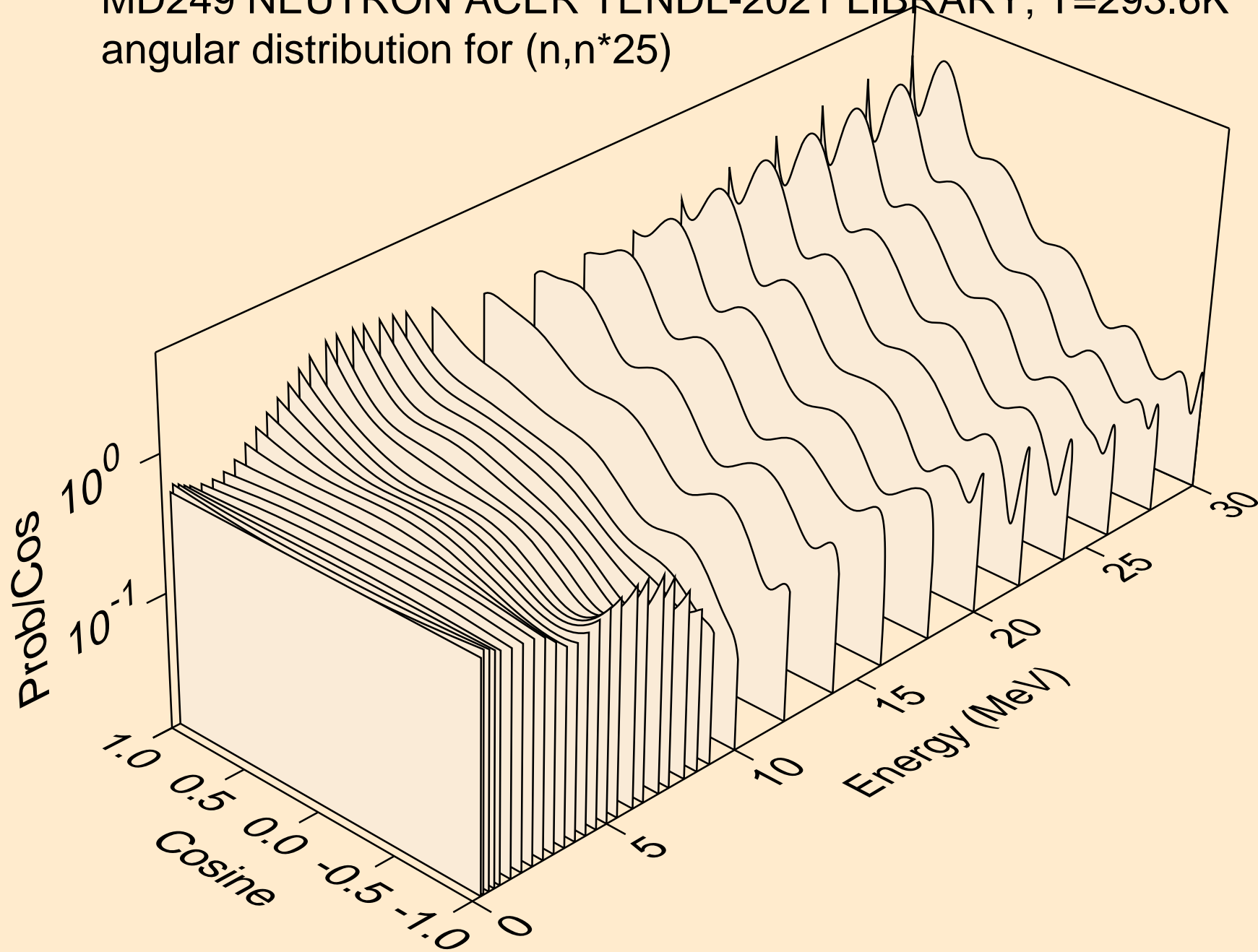




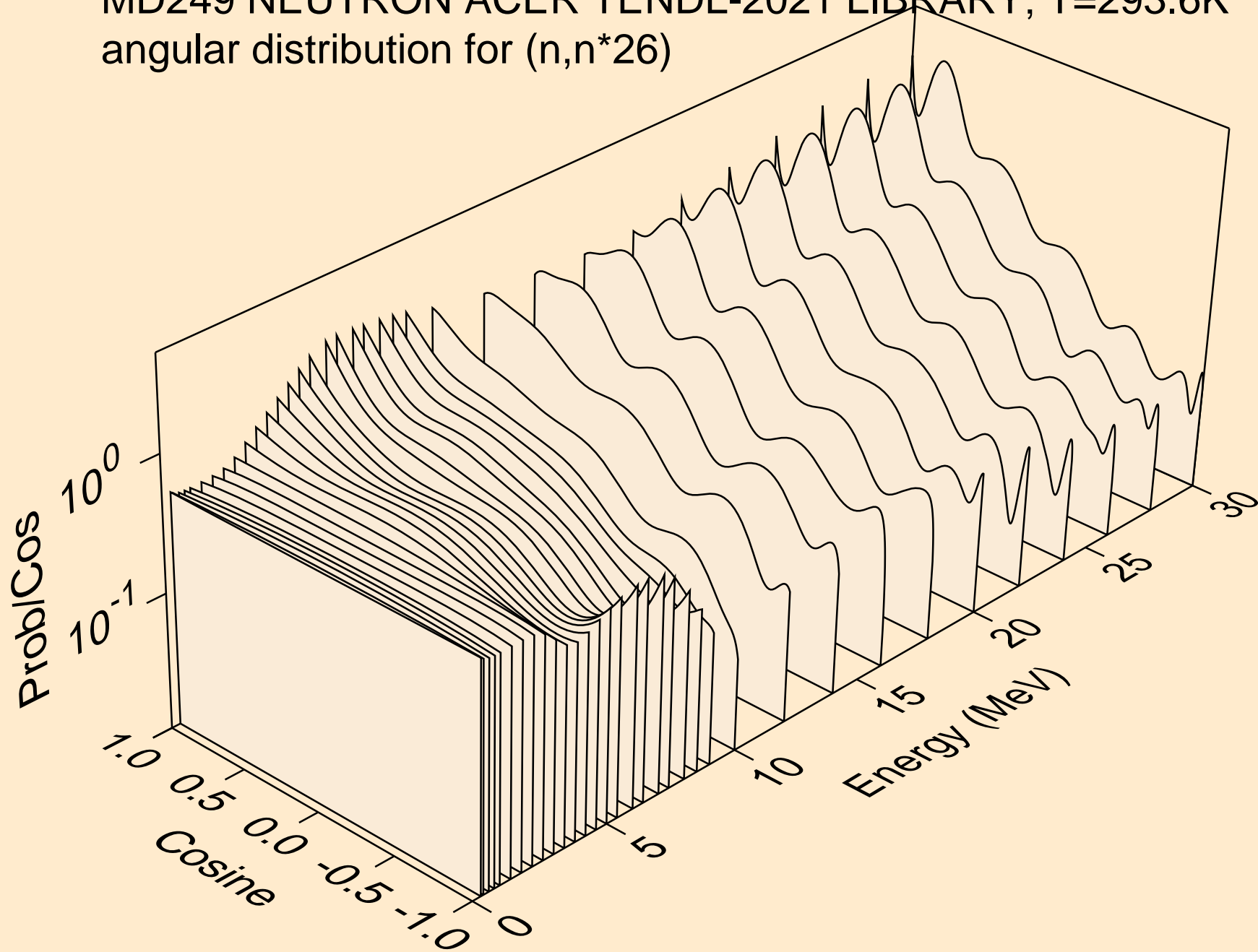
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*24)



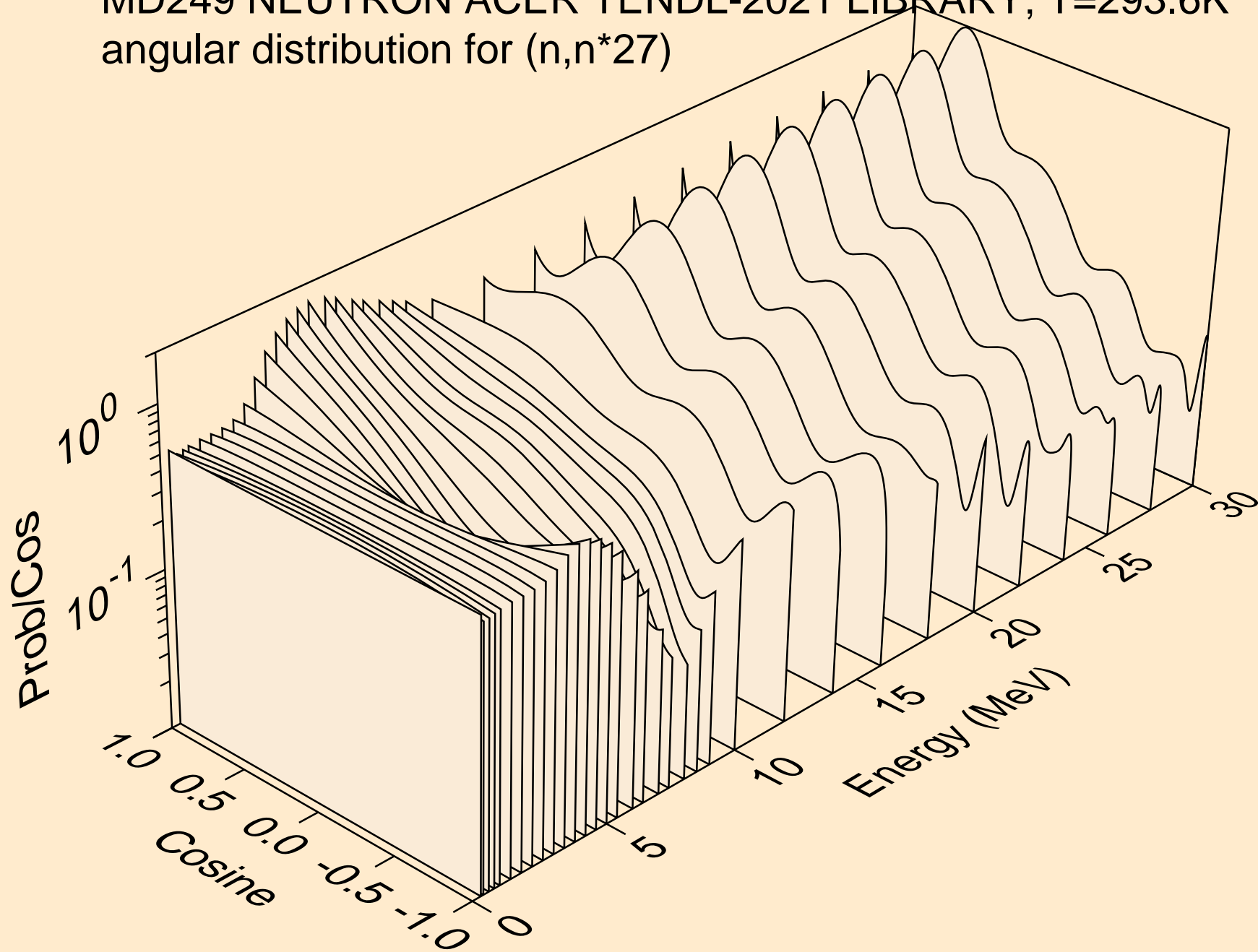
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*25)



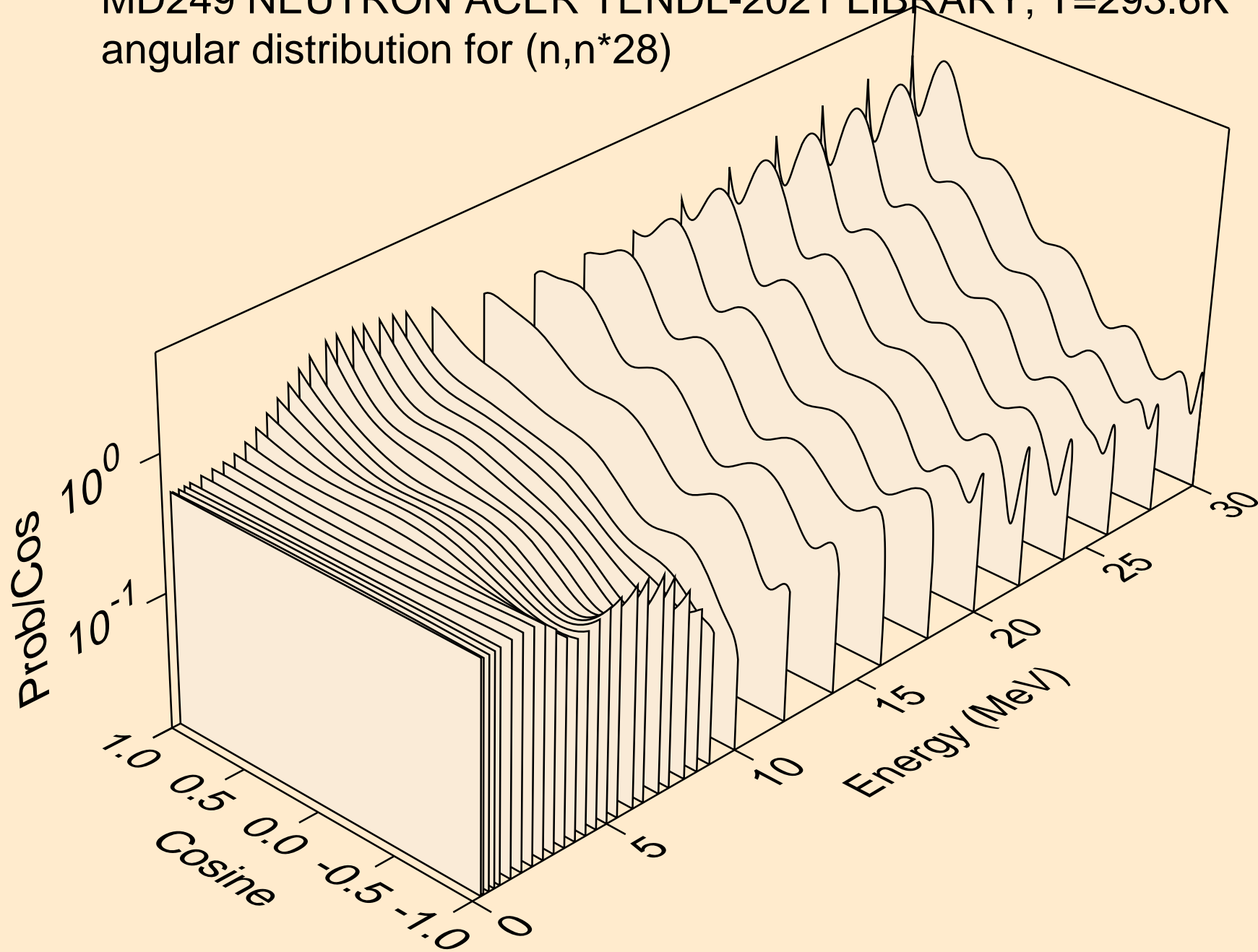
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*26)



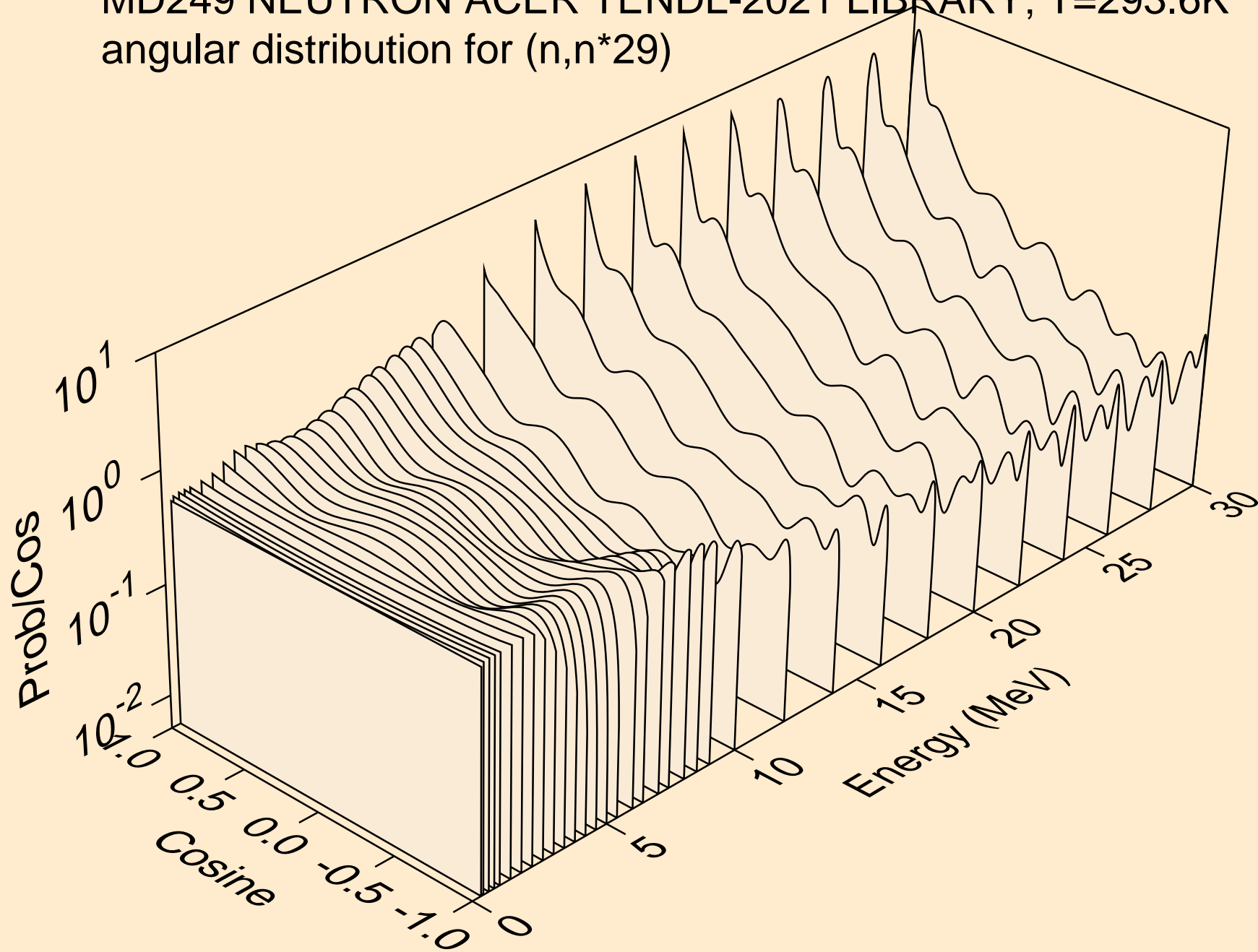
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*27)



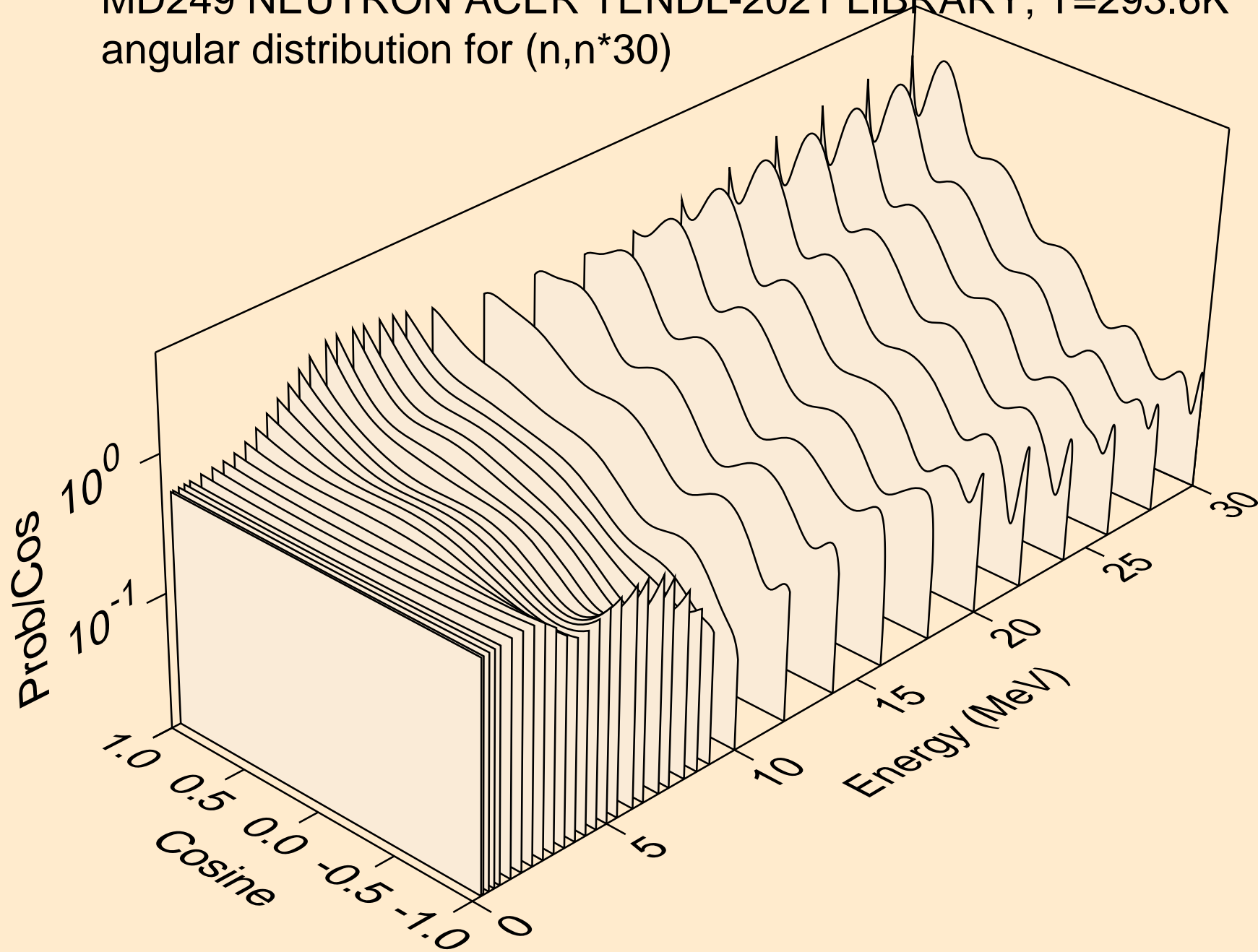
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*28)



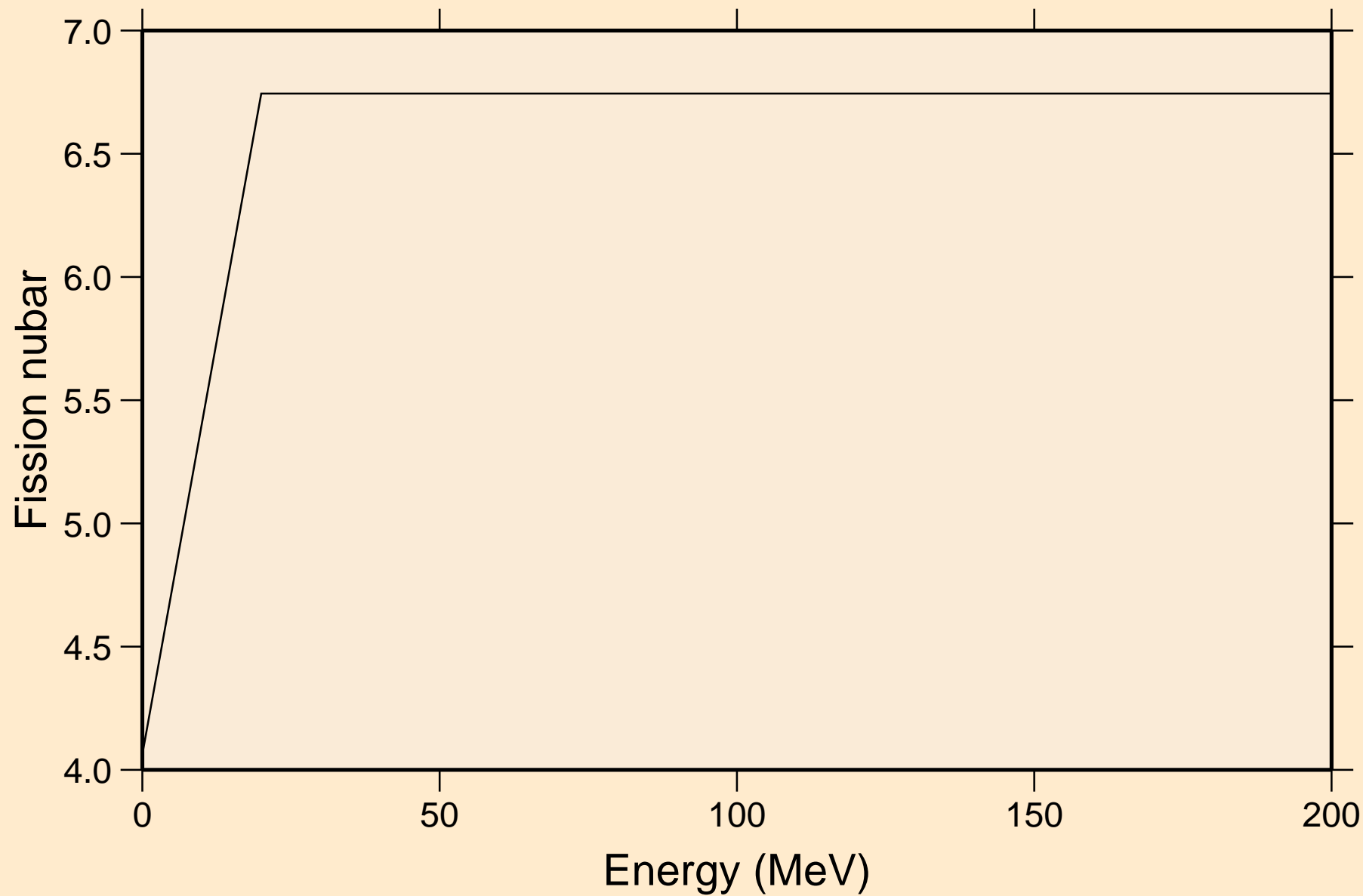
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*29)



MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*30)

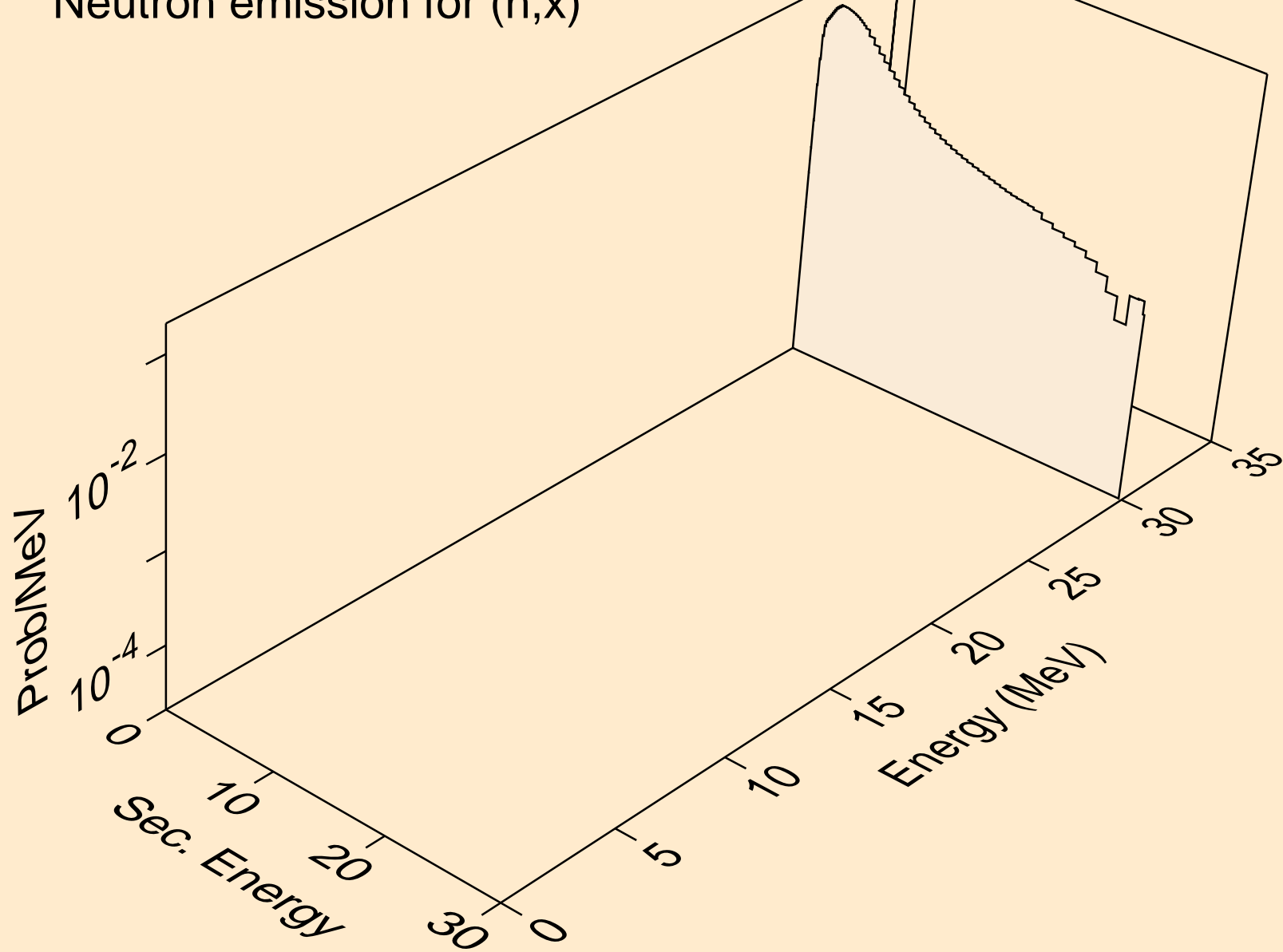


MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Total fission nubar

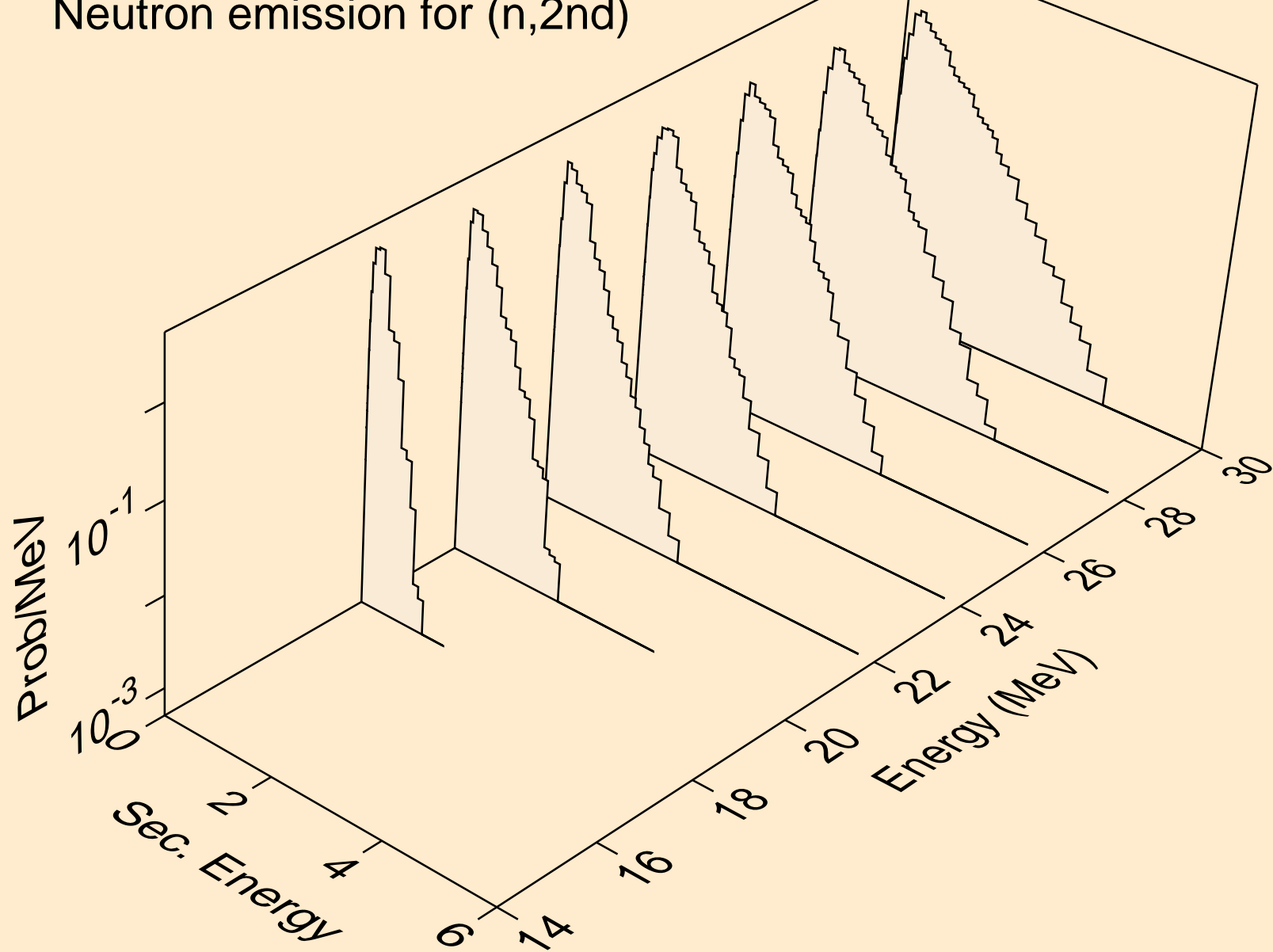




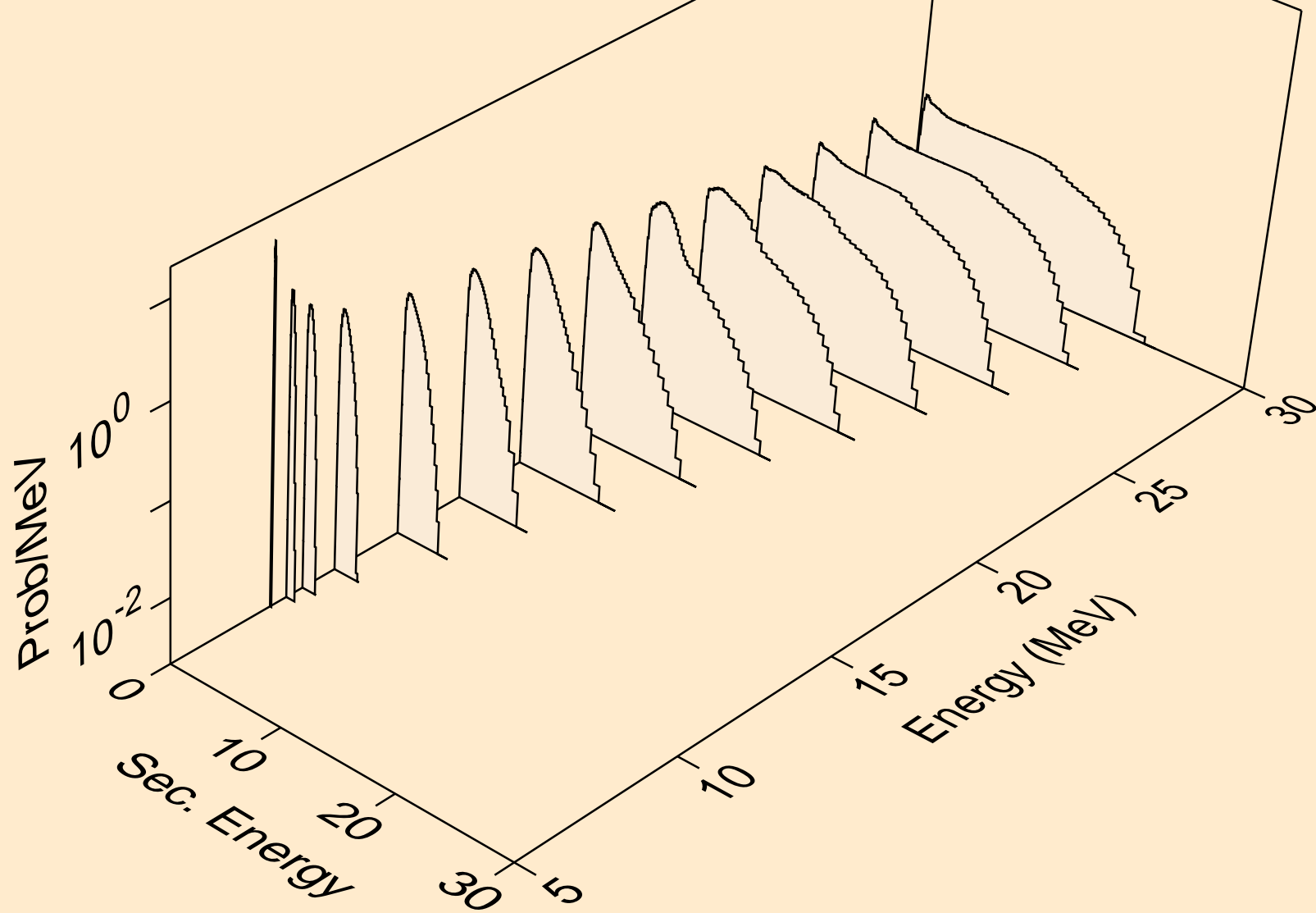
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)



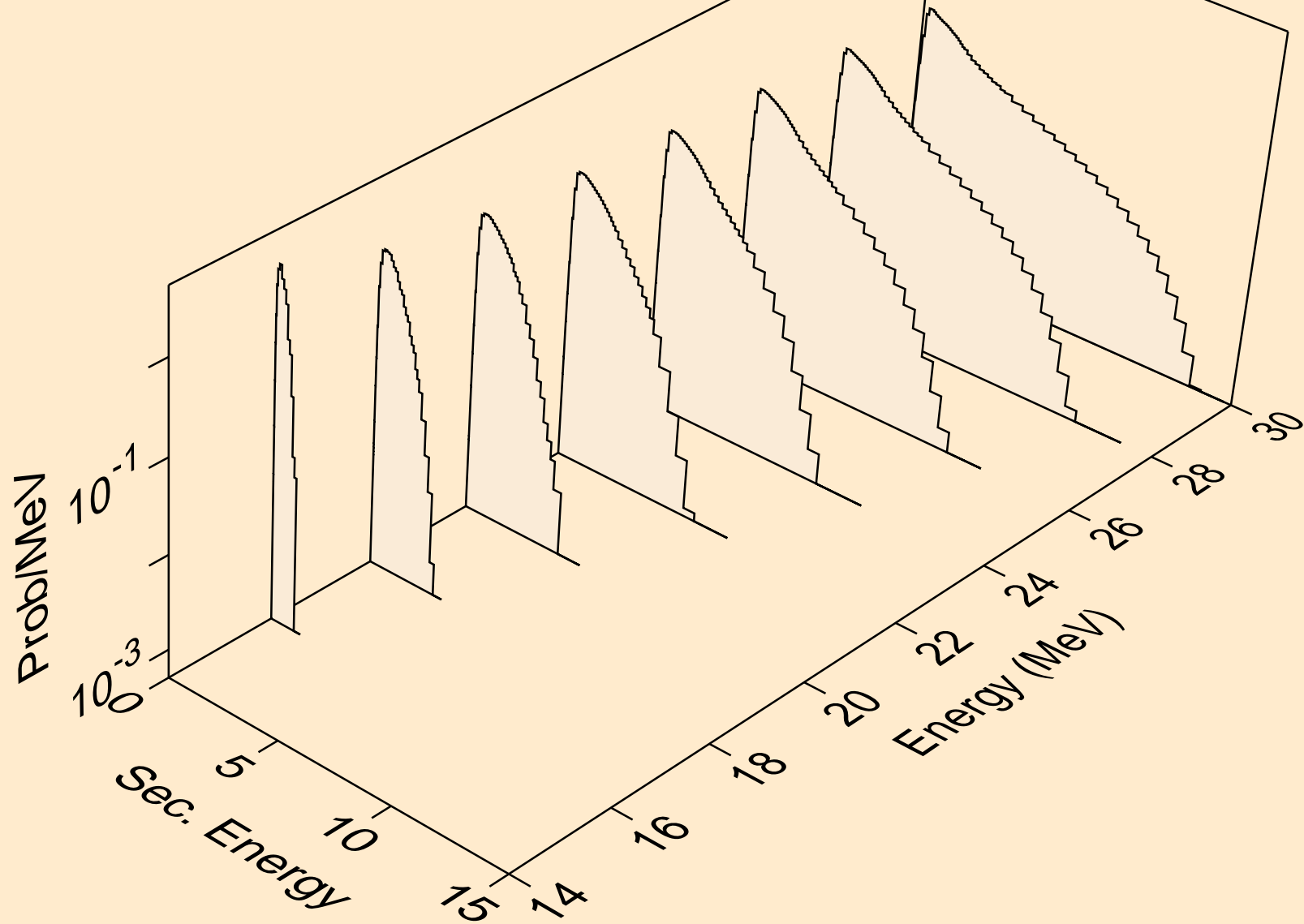
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



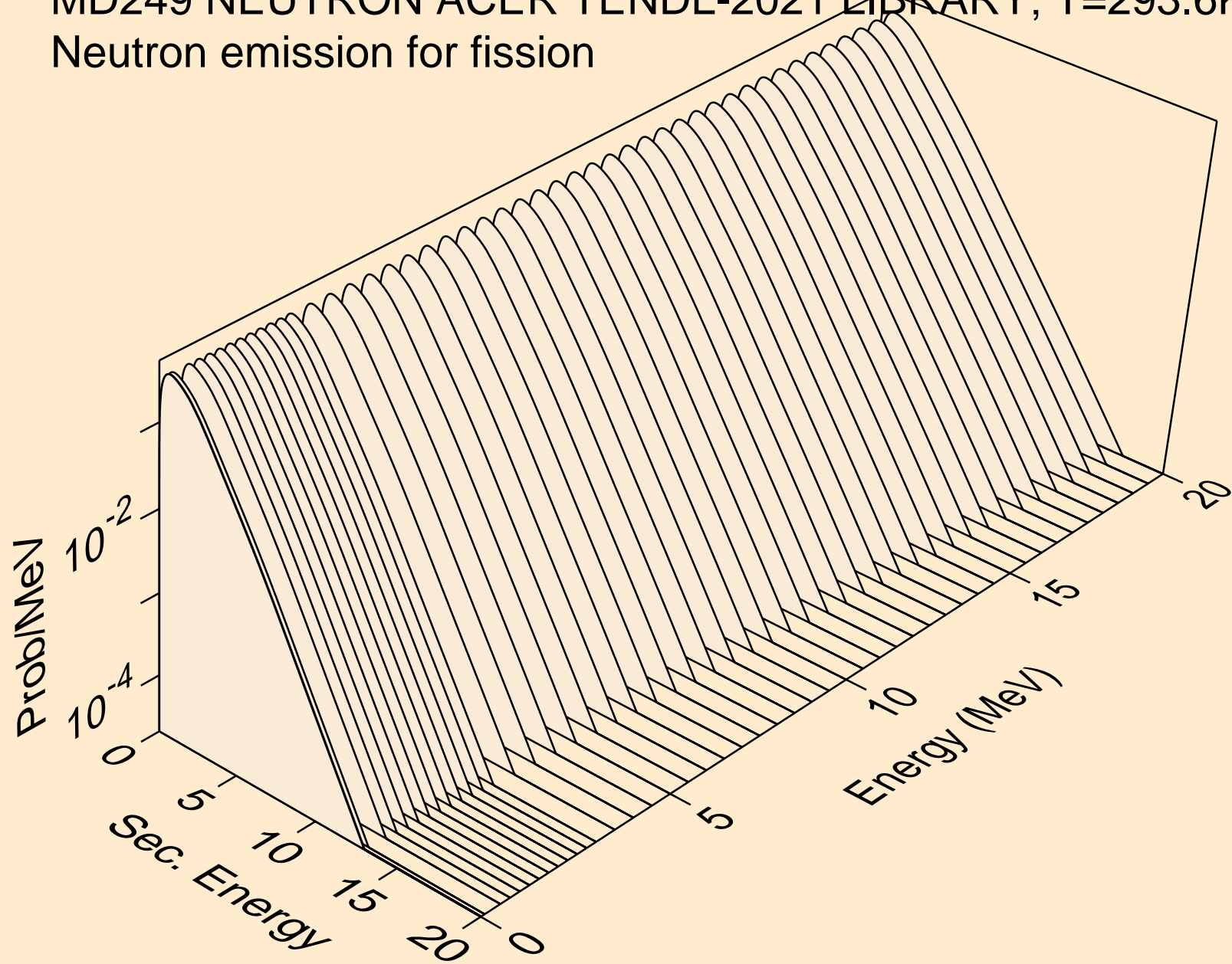
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



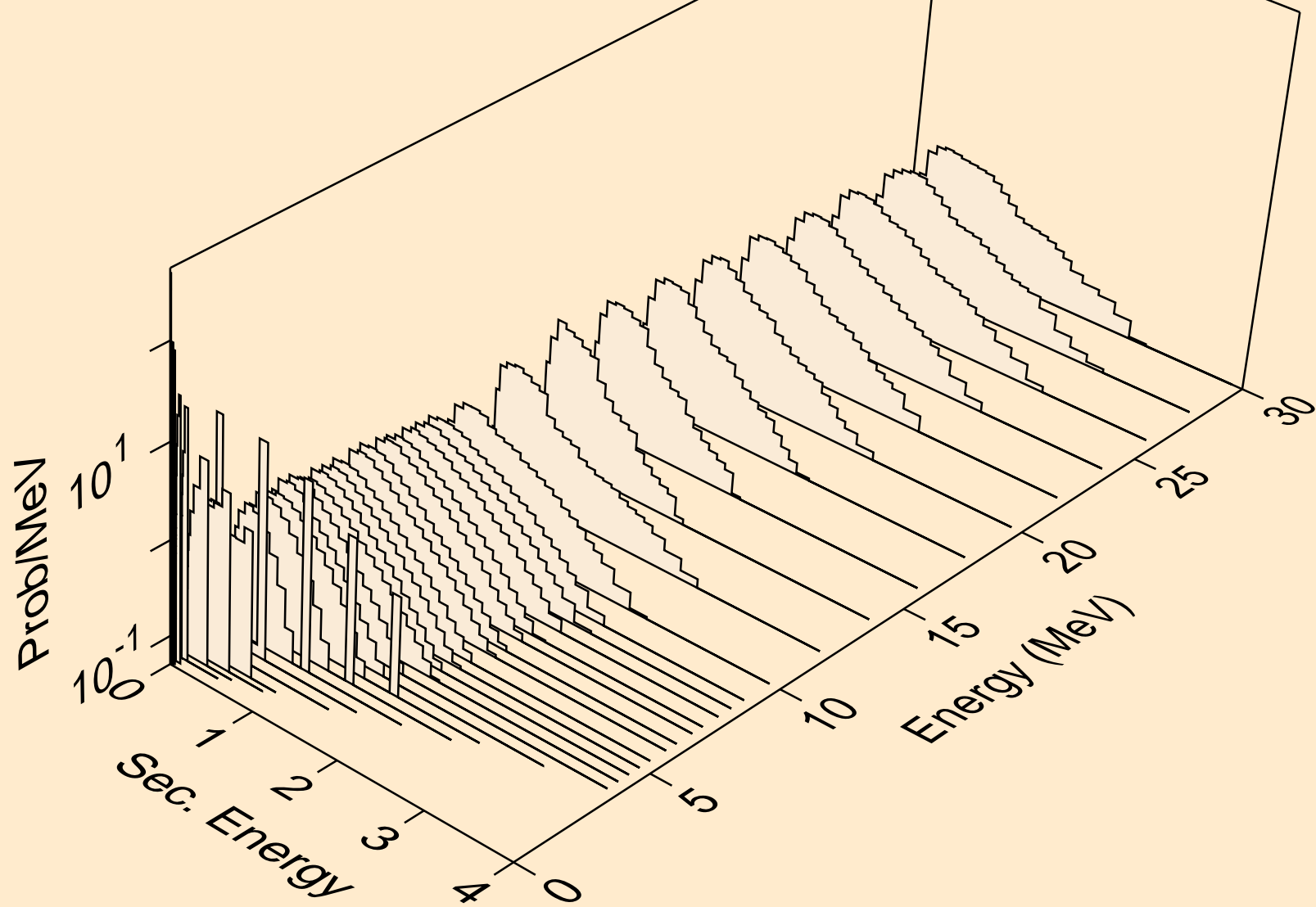
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



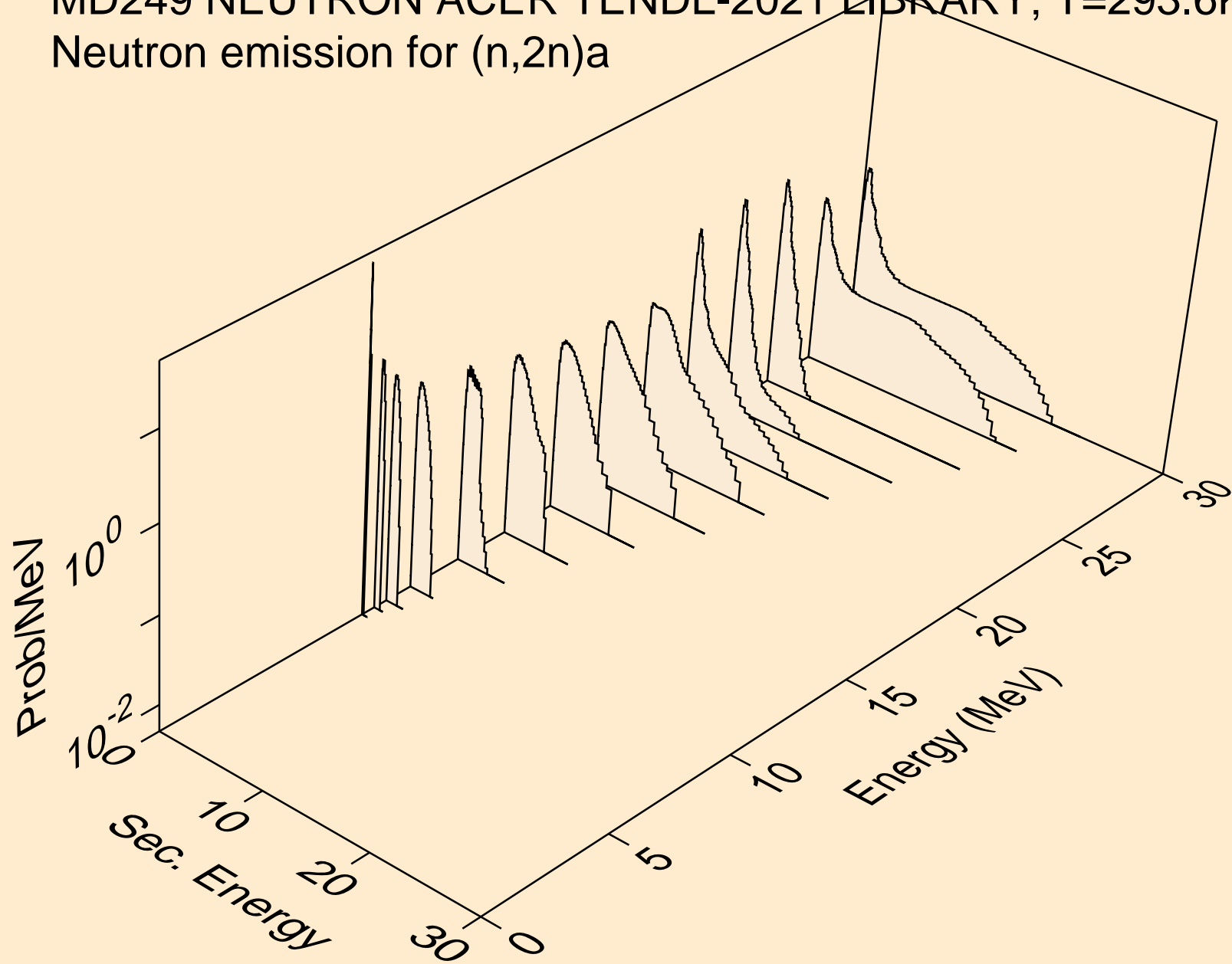
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for fission



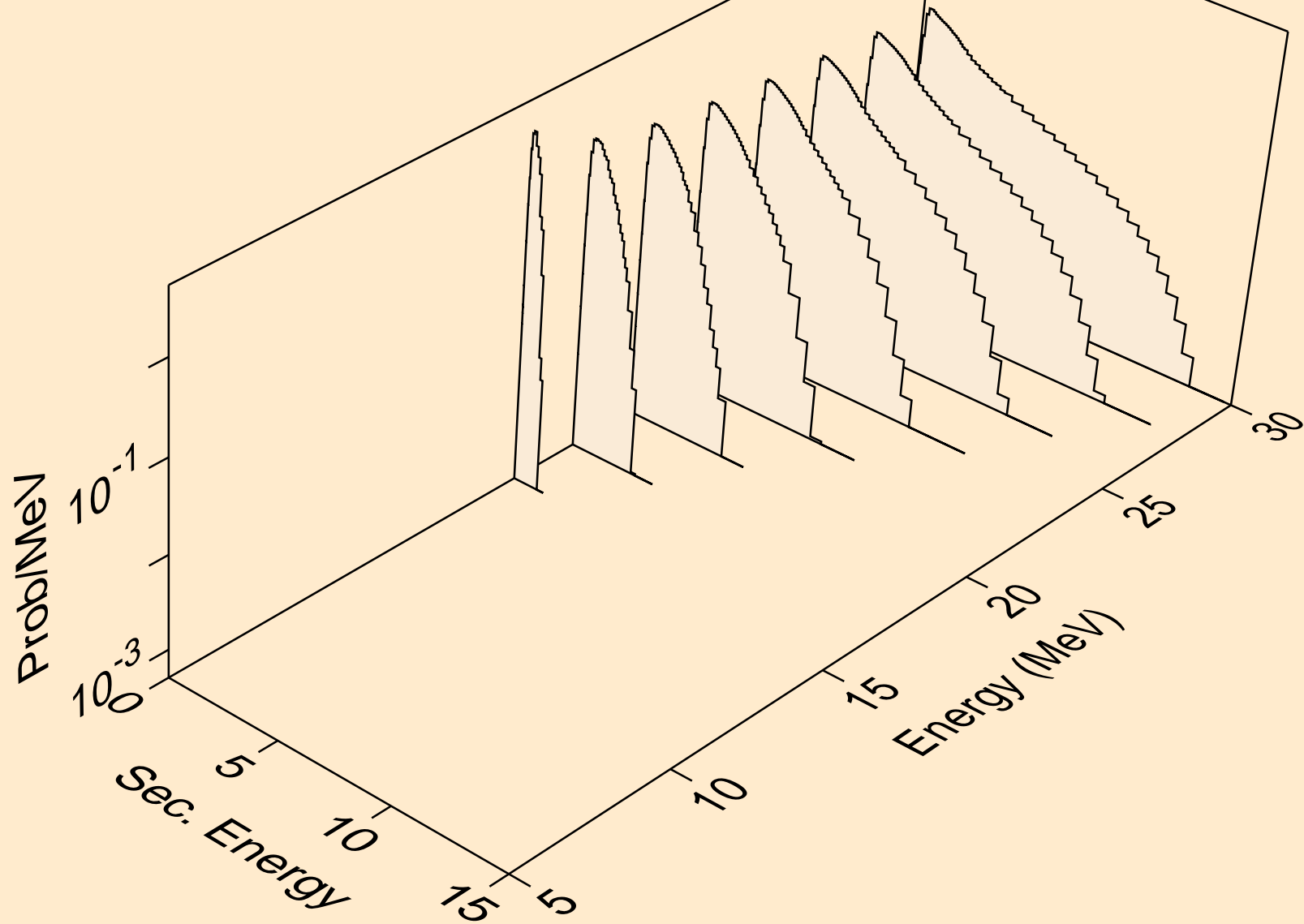
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)a

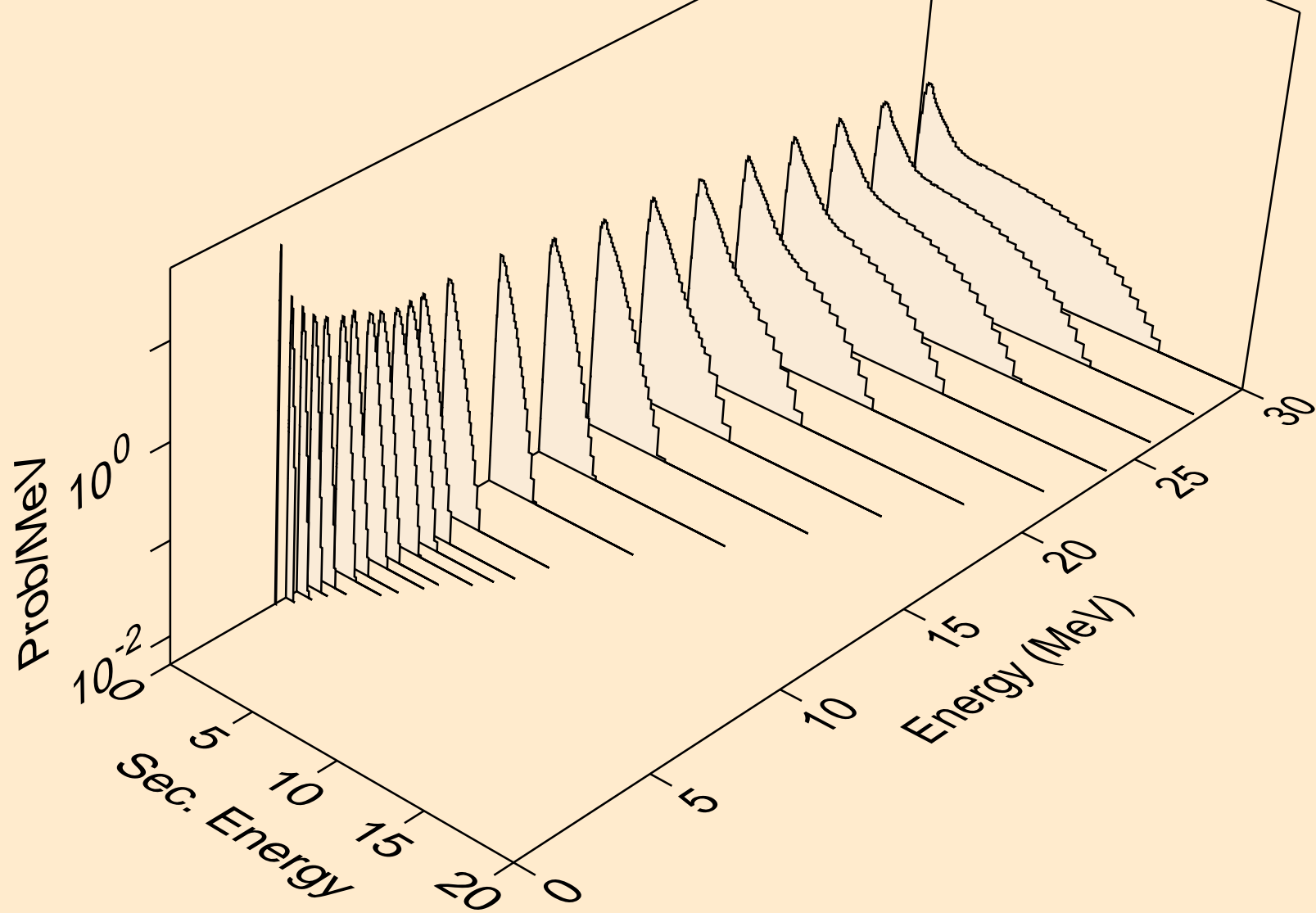


MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)a

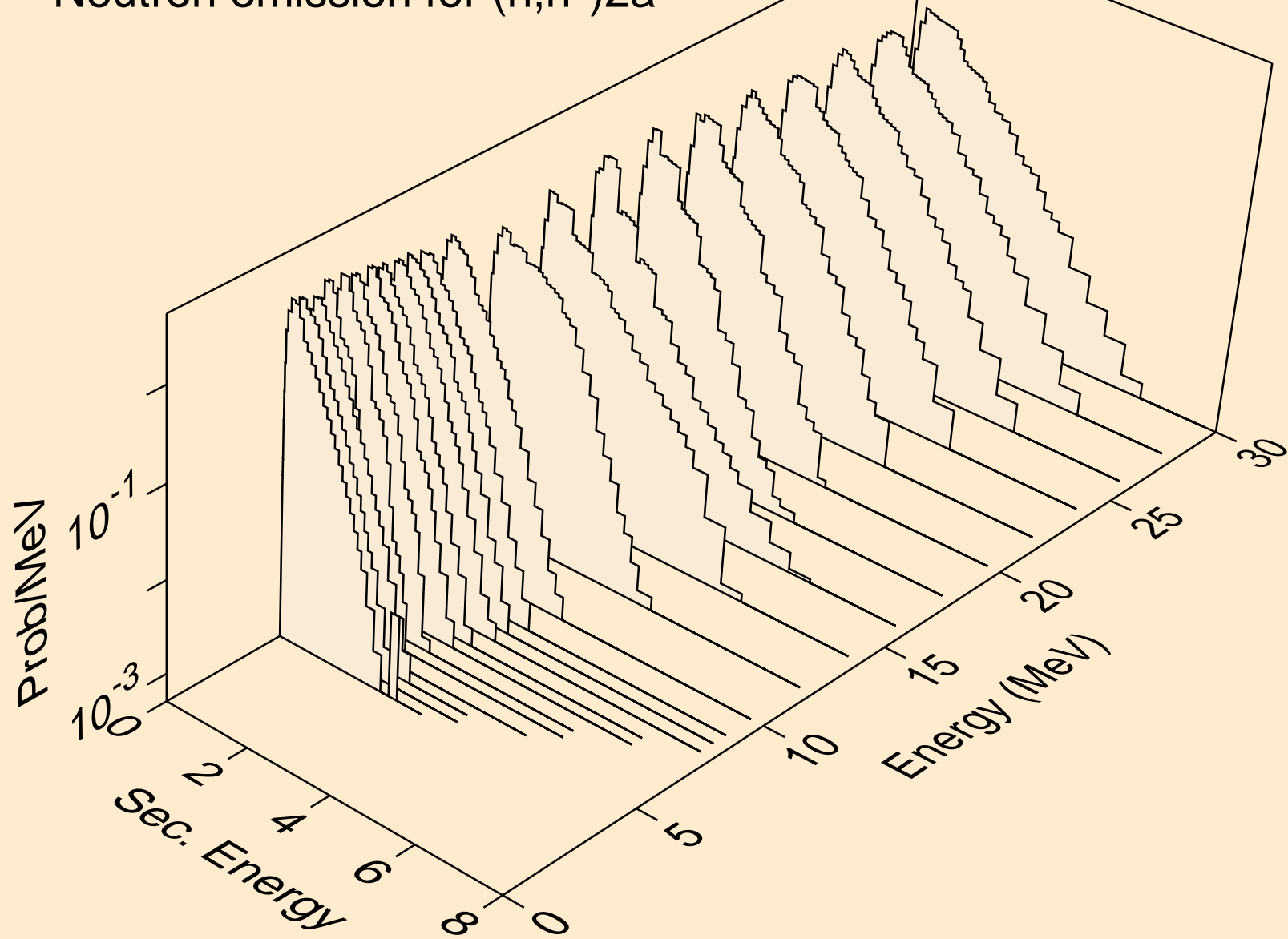




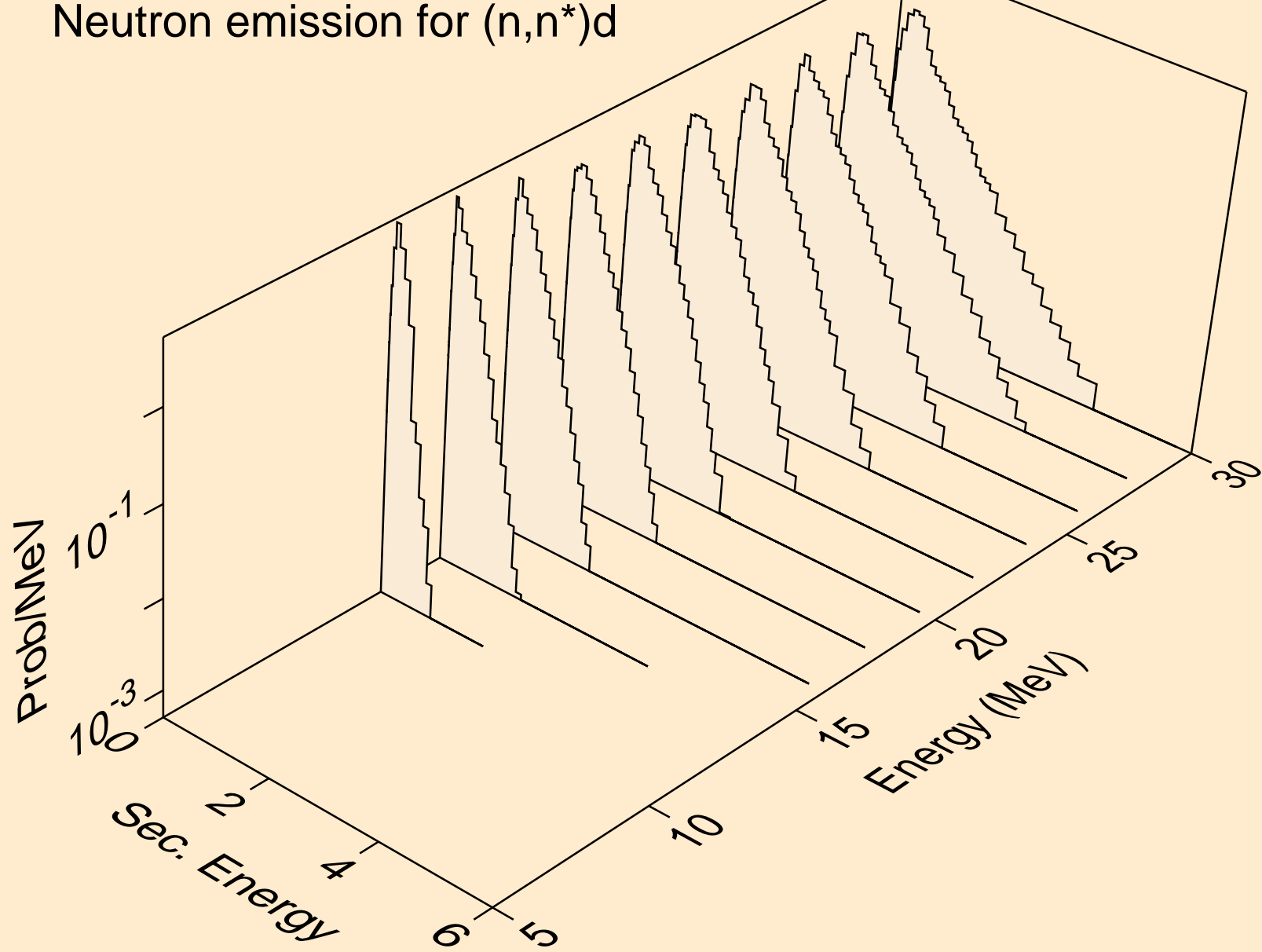
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



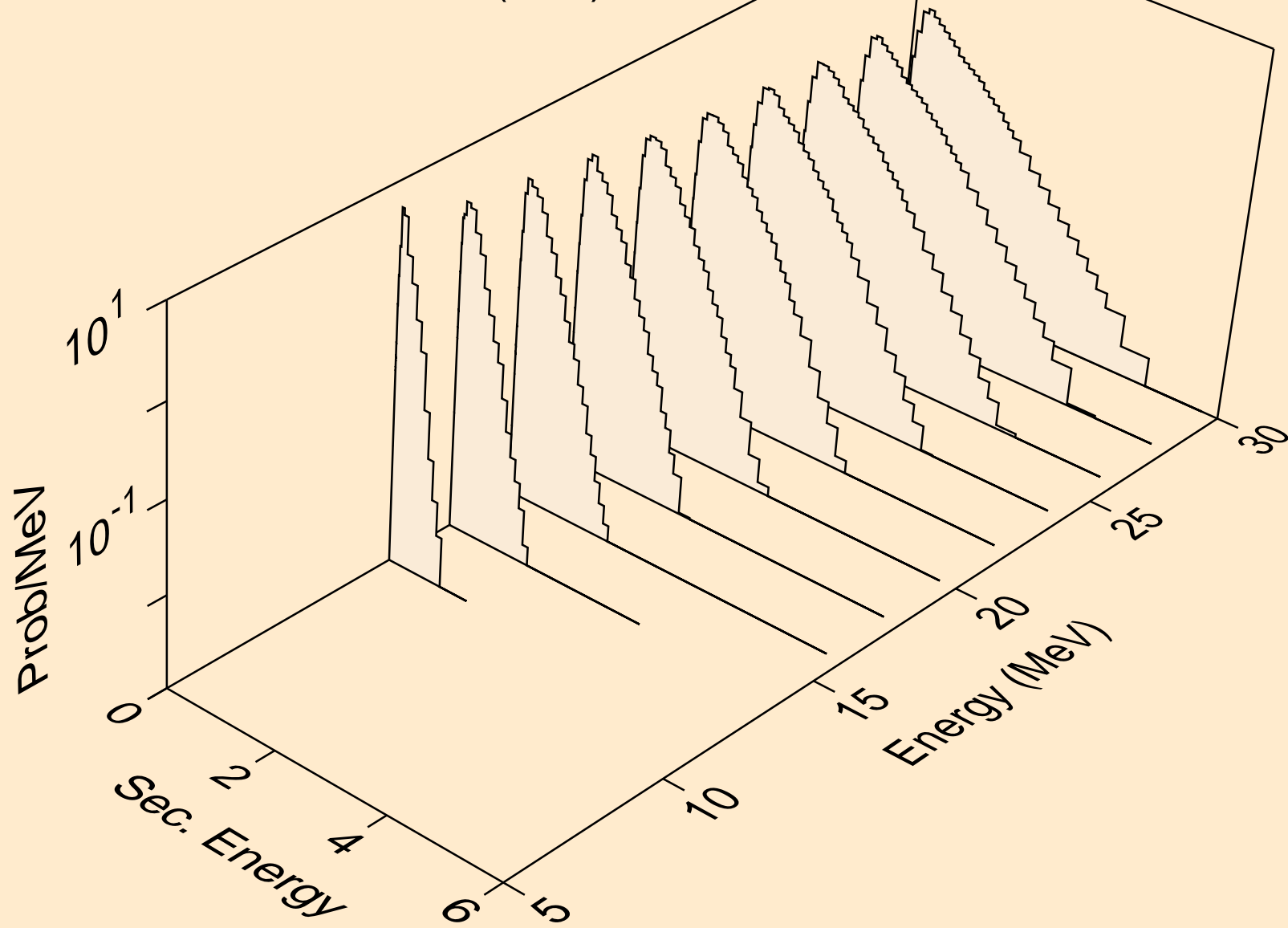
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a



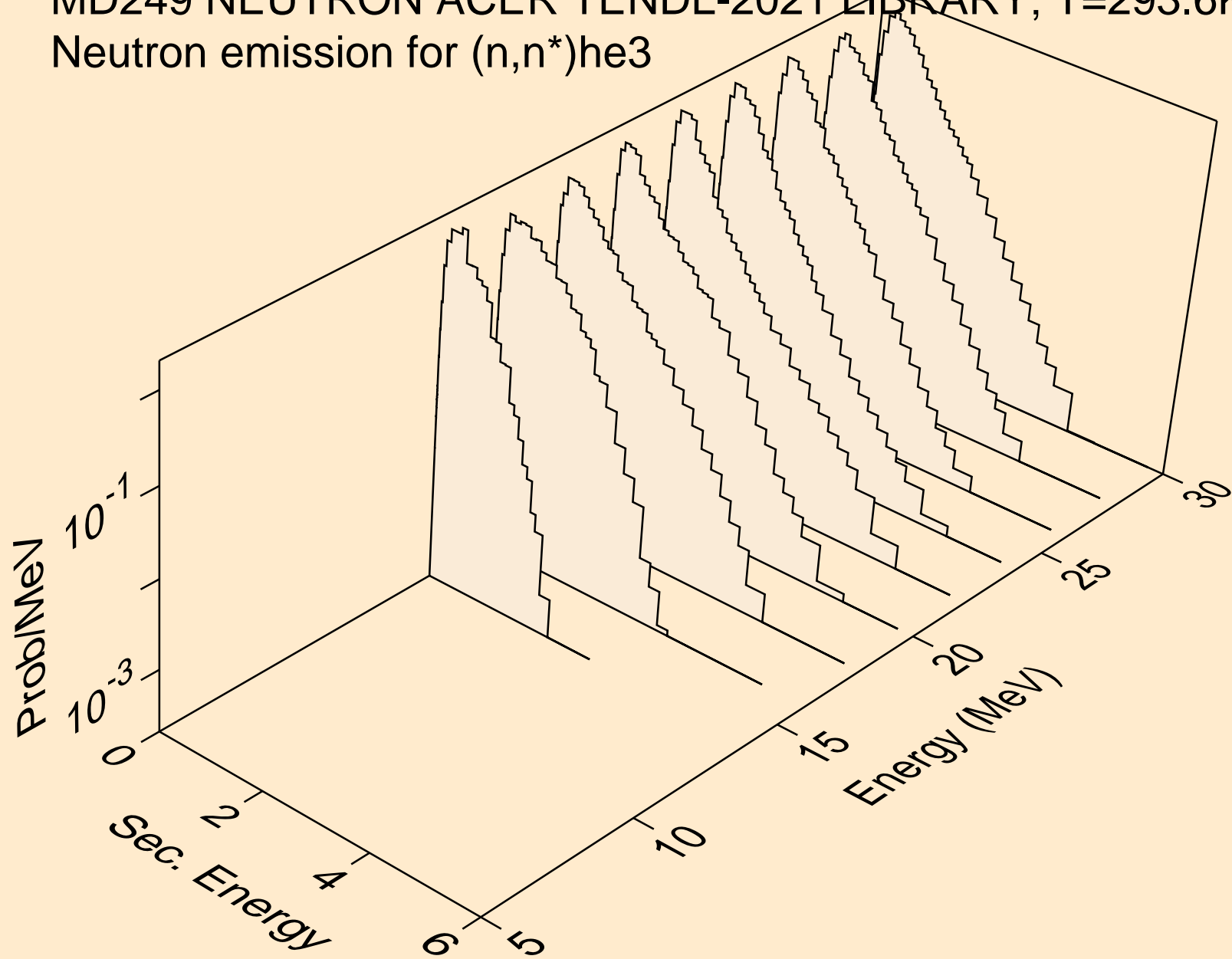
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



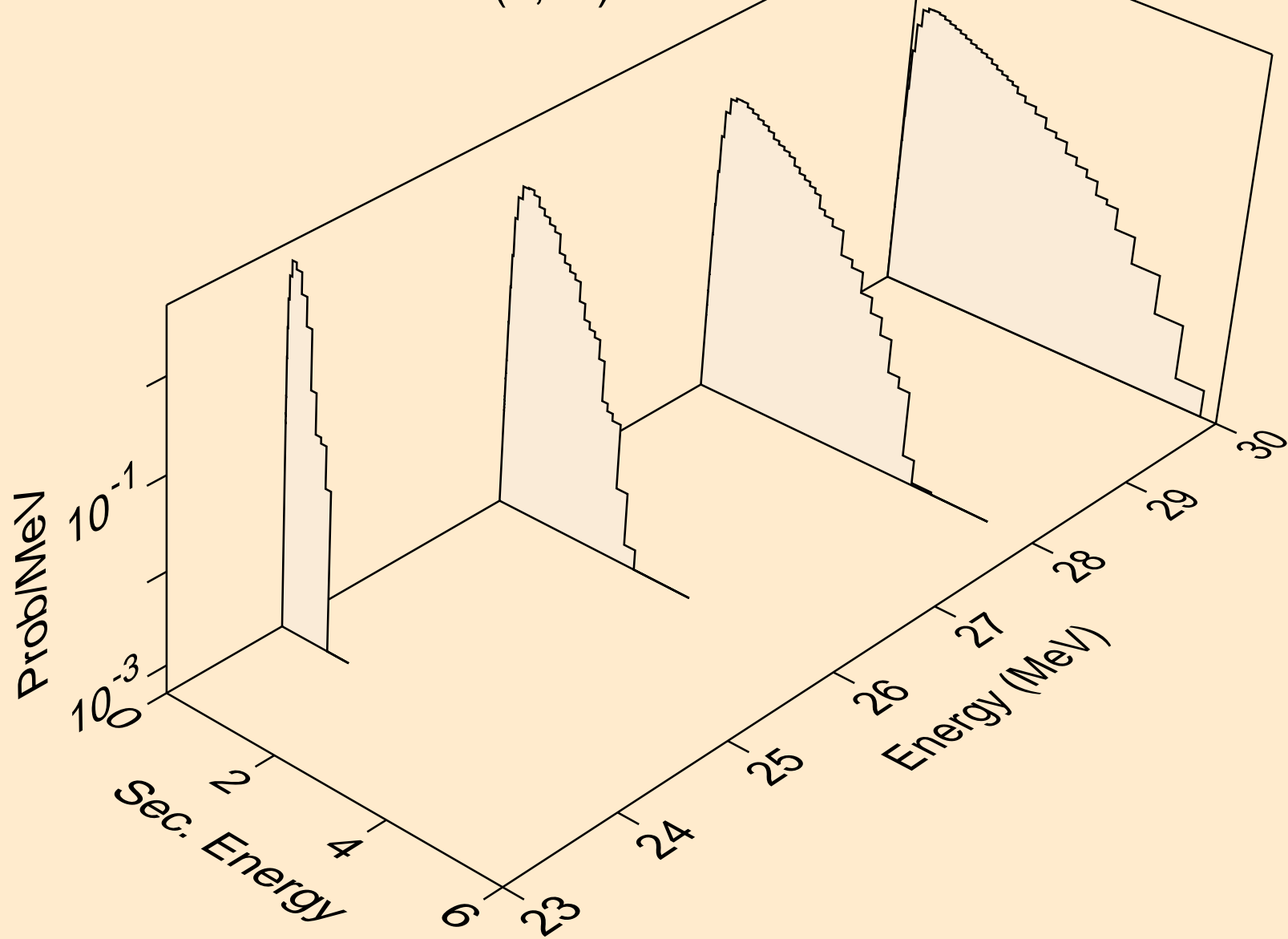
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



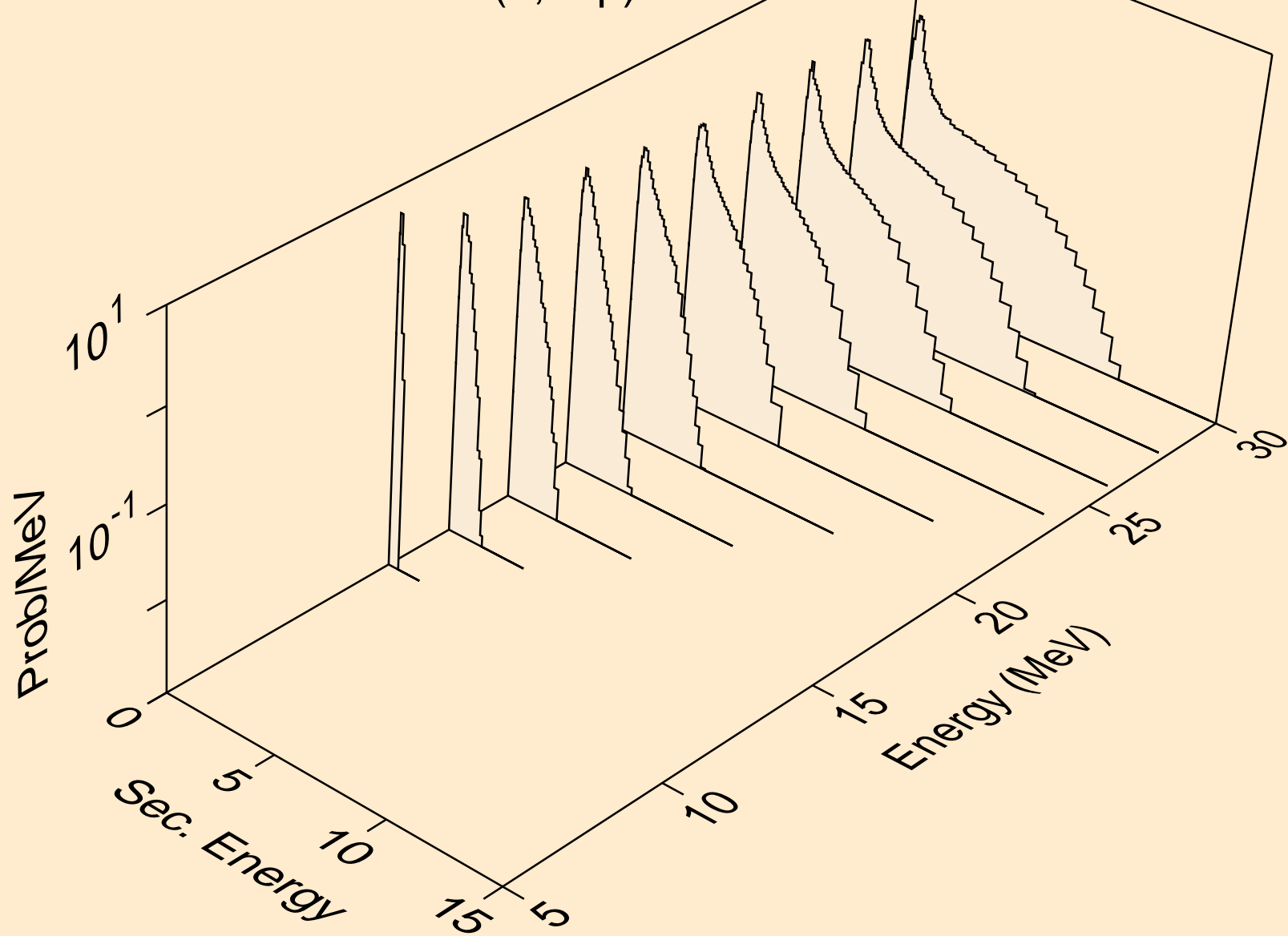
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



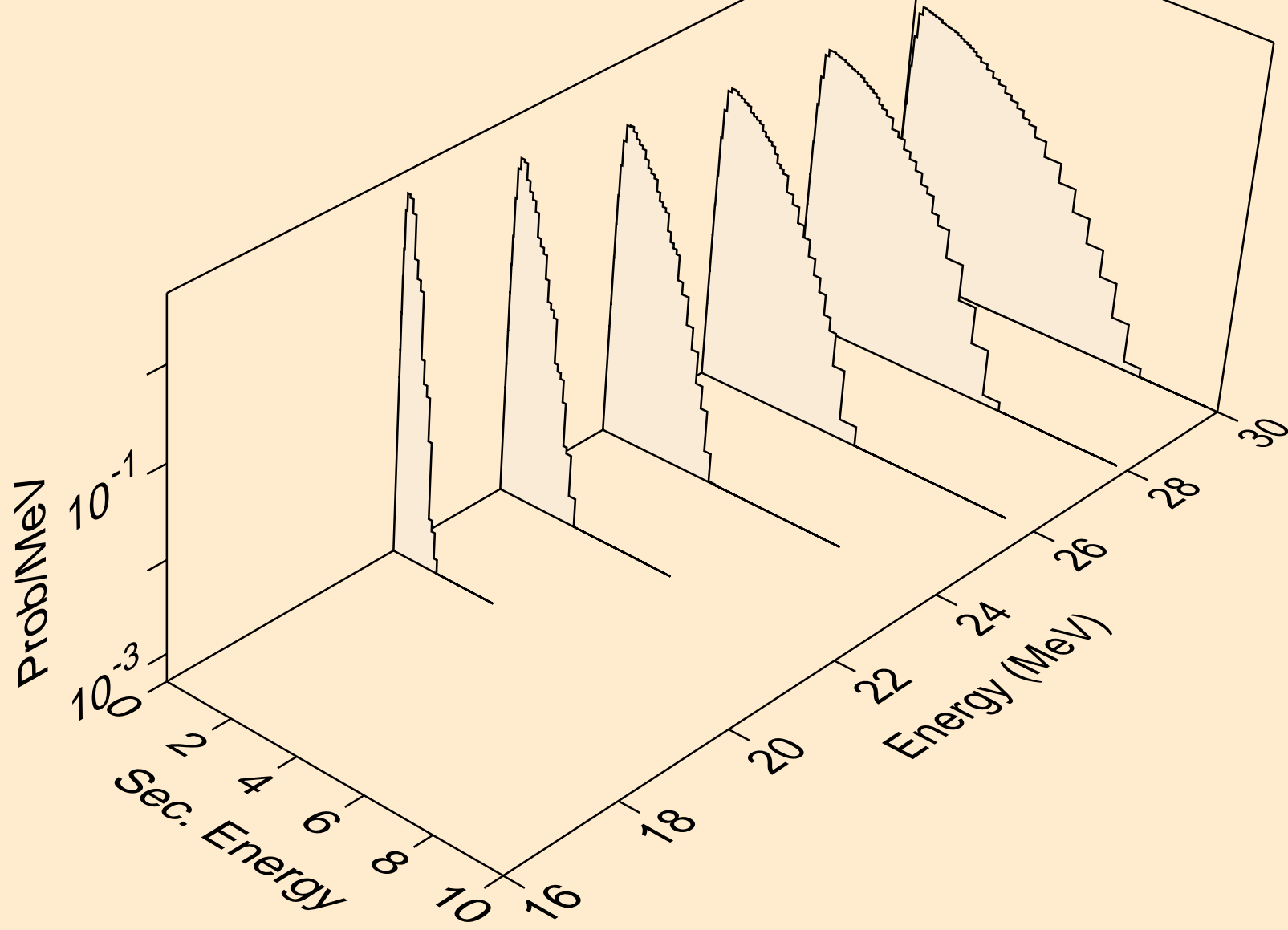
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,4n)



MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)

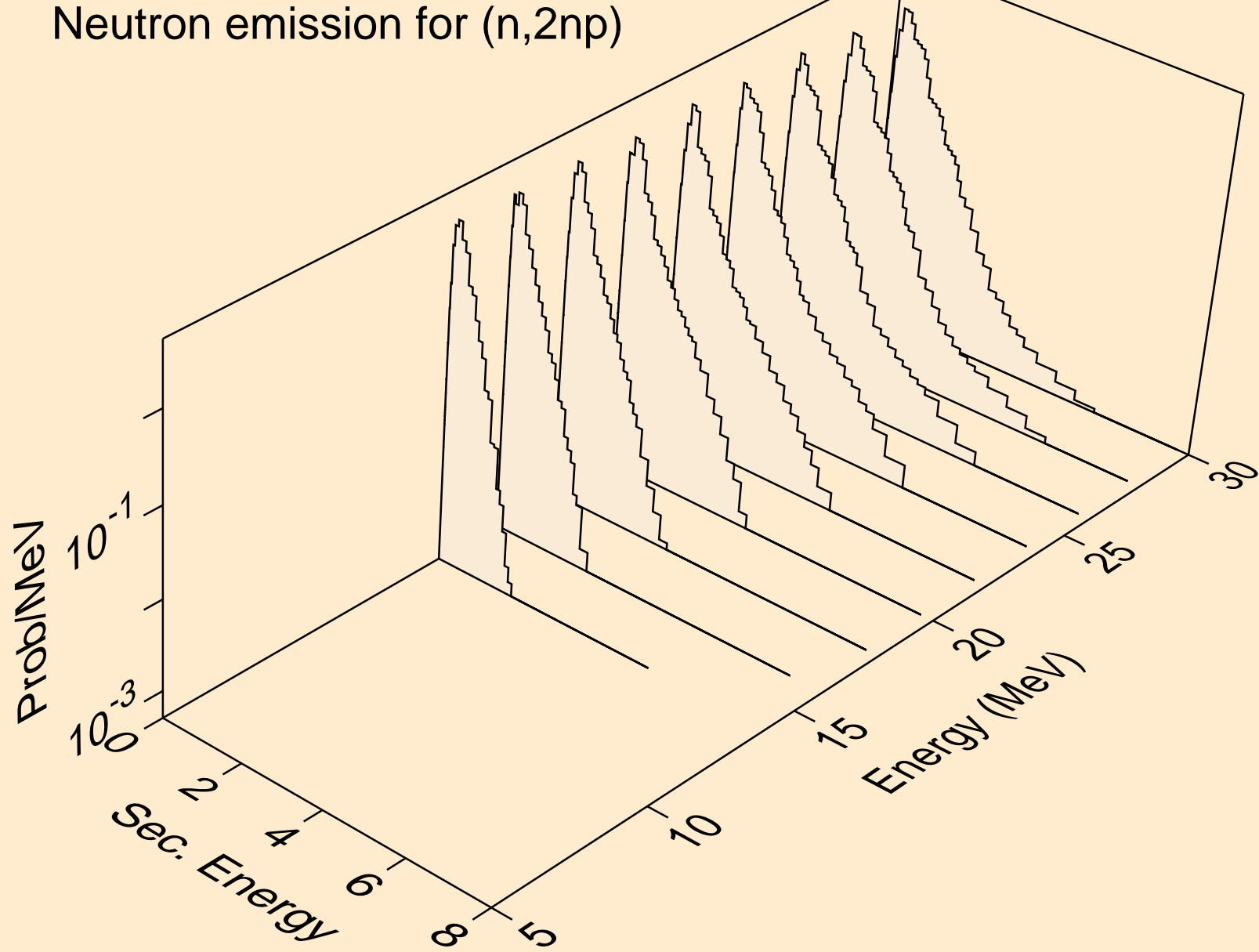


MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3np)

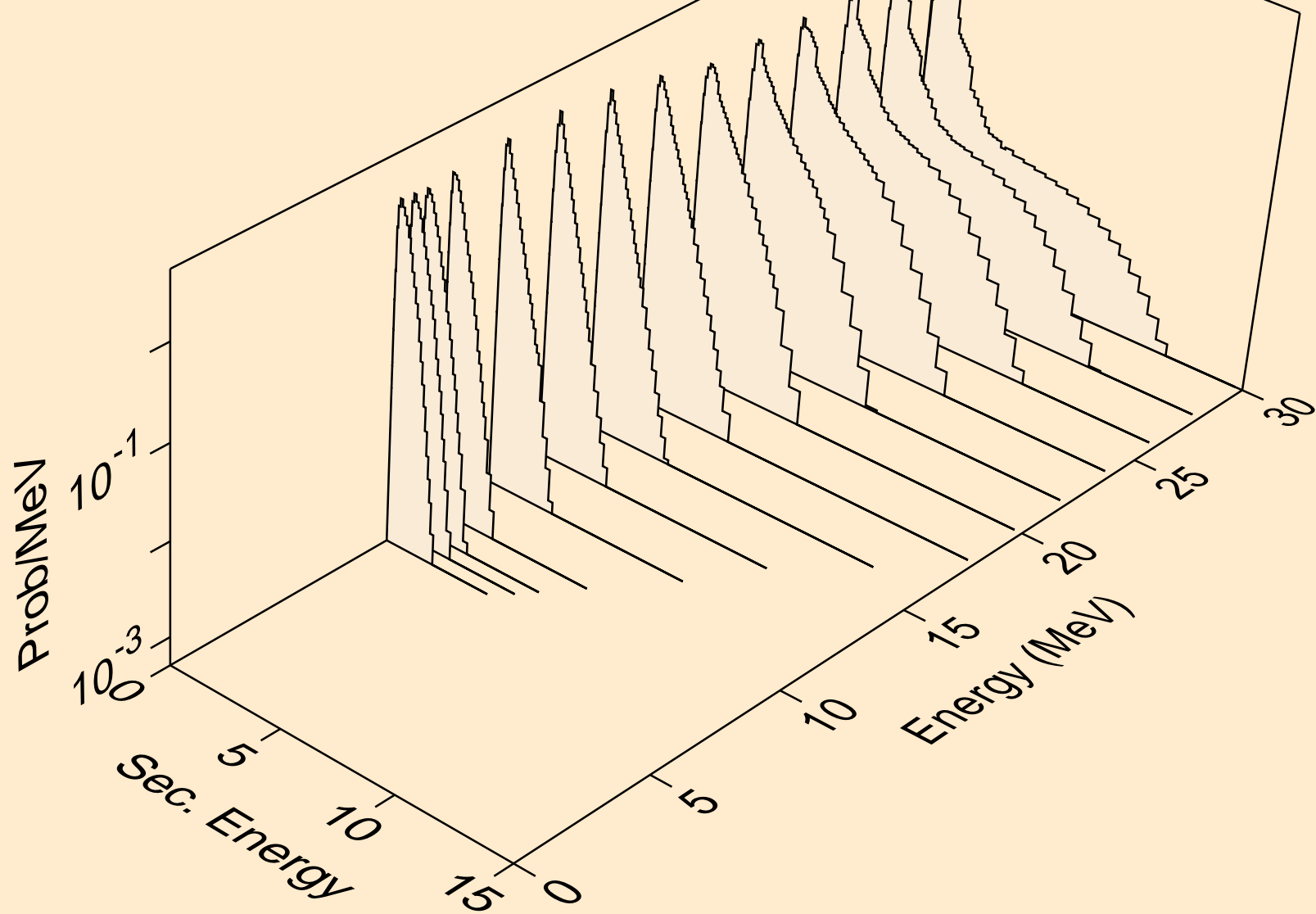




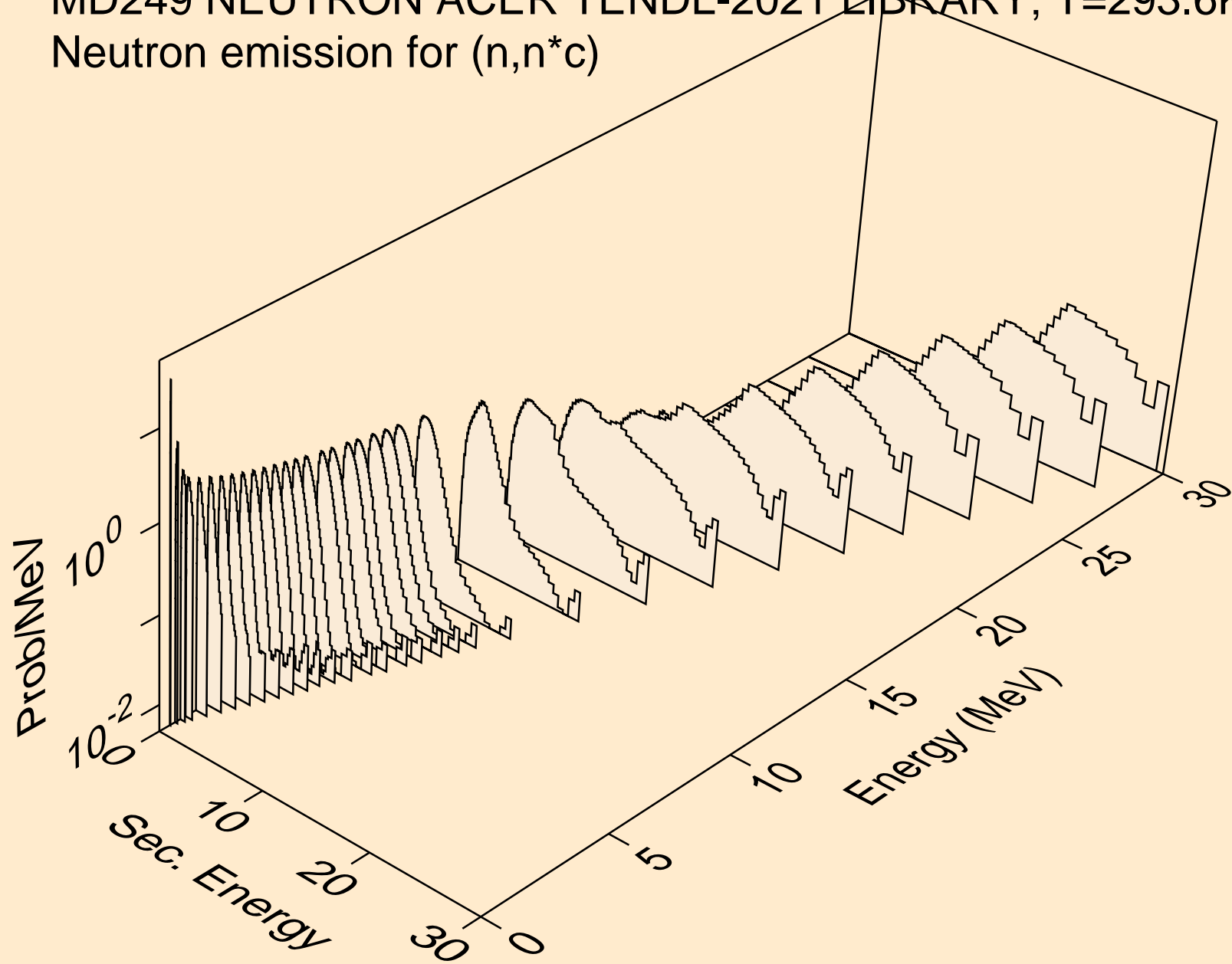
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,npa)

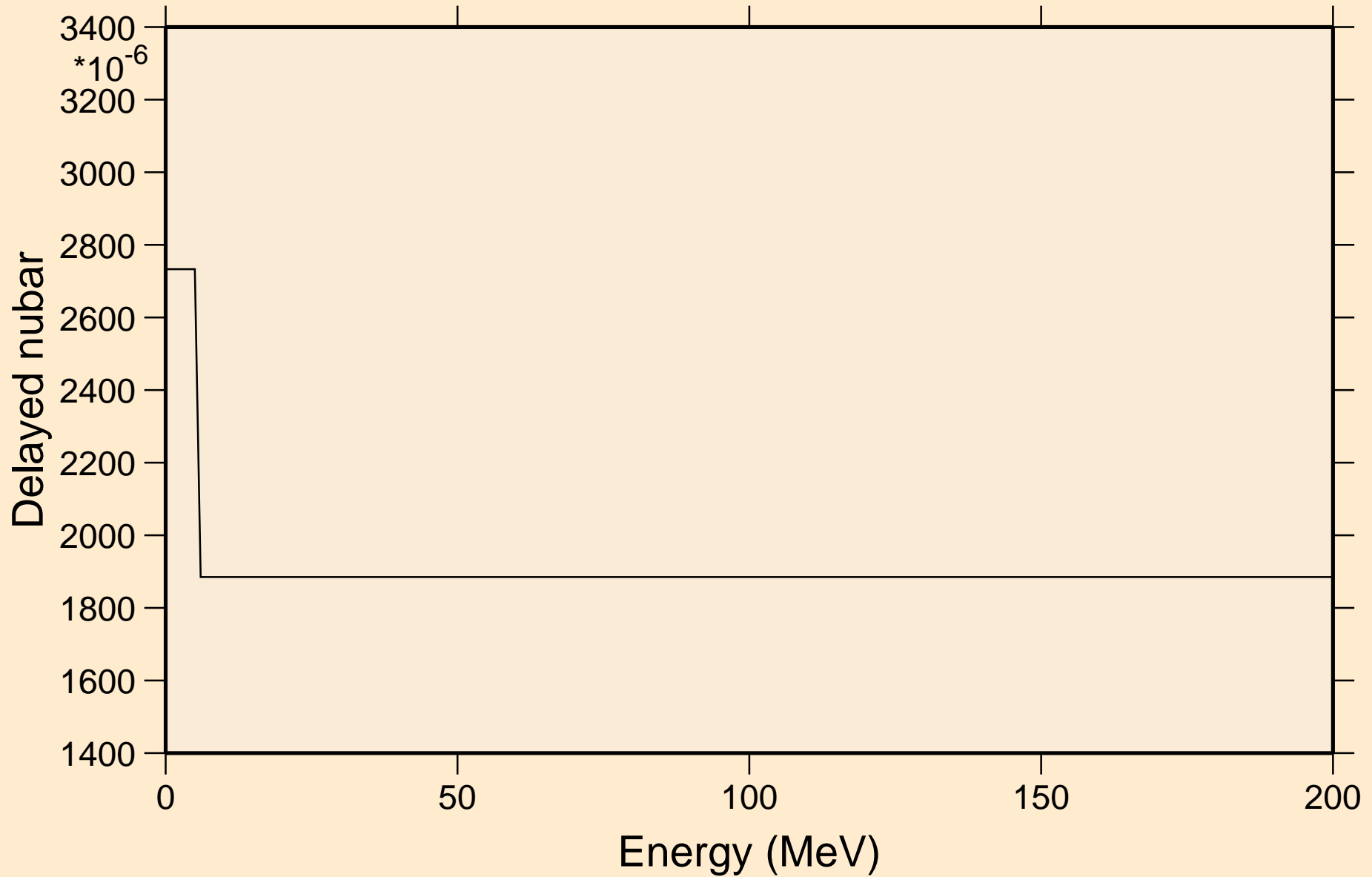


MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



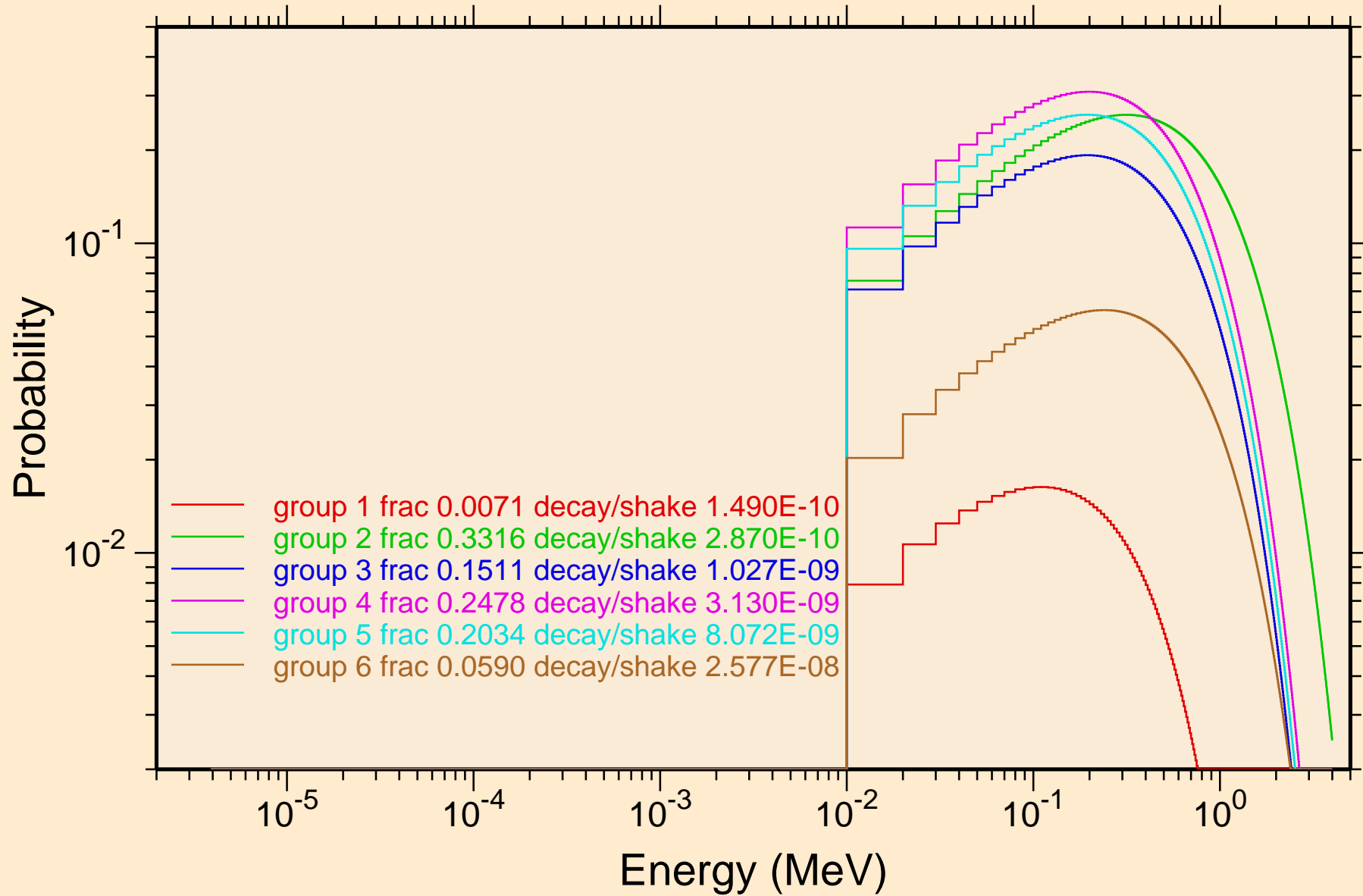
# MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Delayed nubar

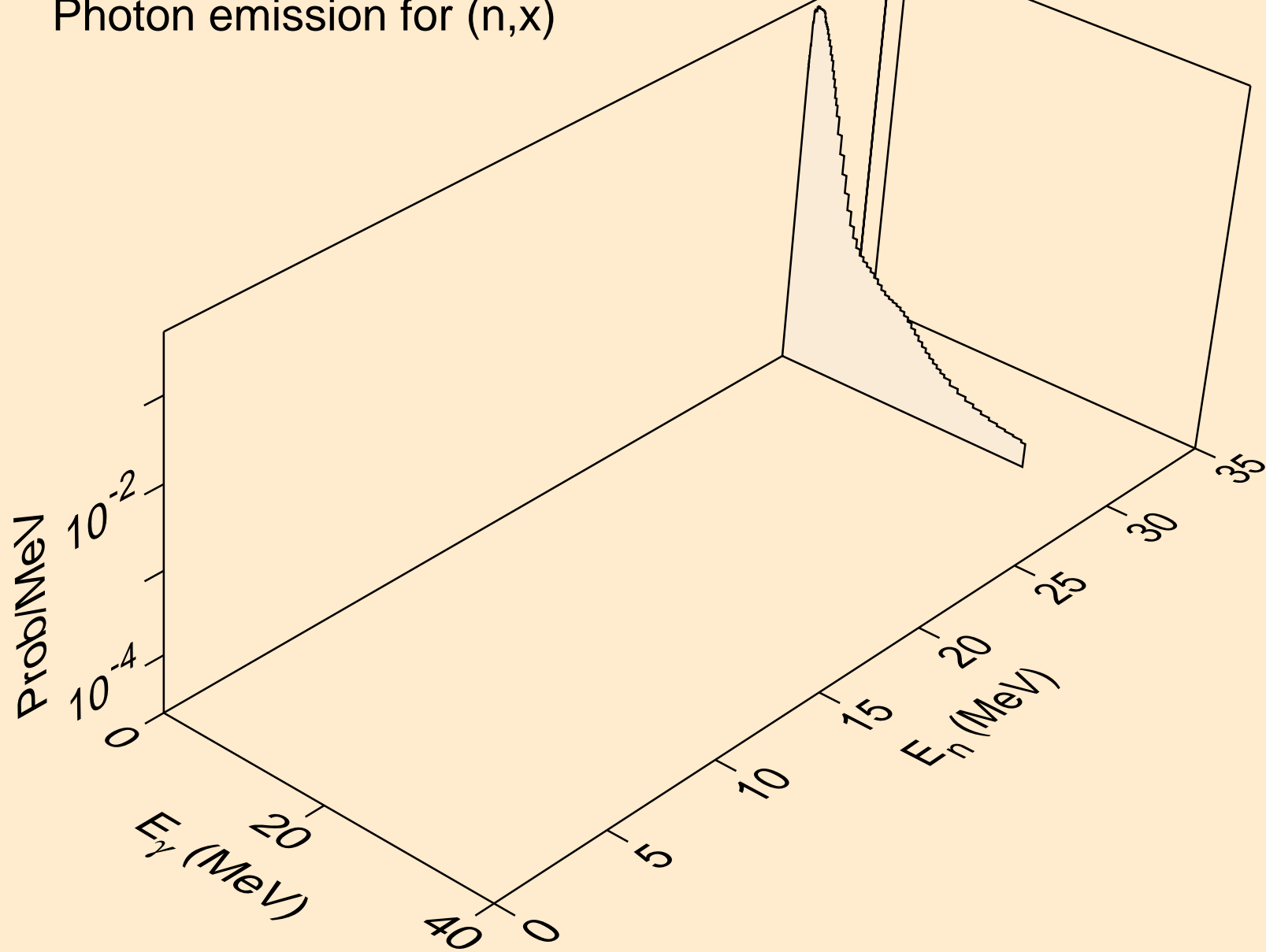


# MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

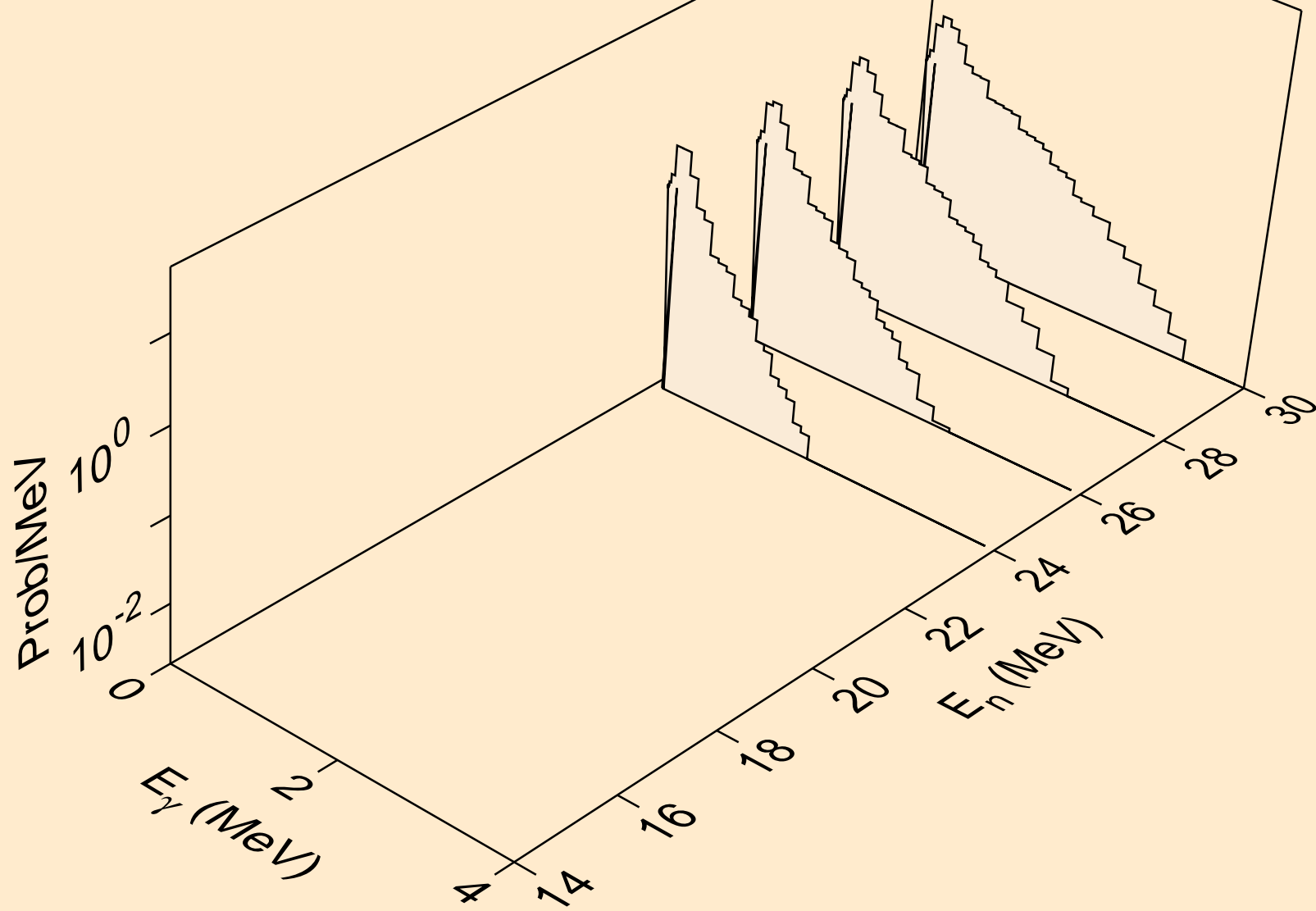
## Delayed neutron spectra



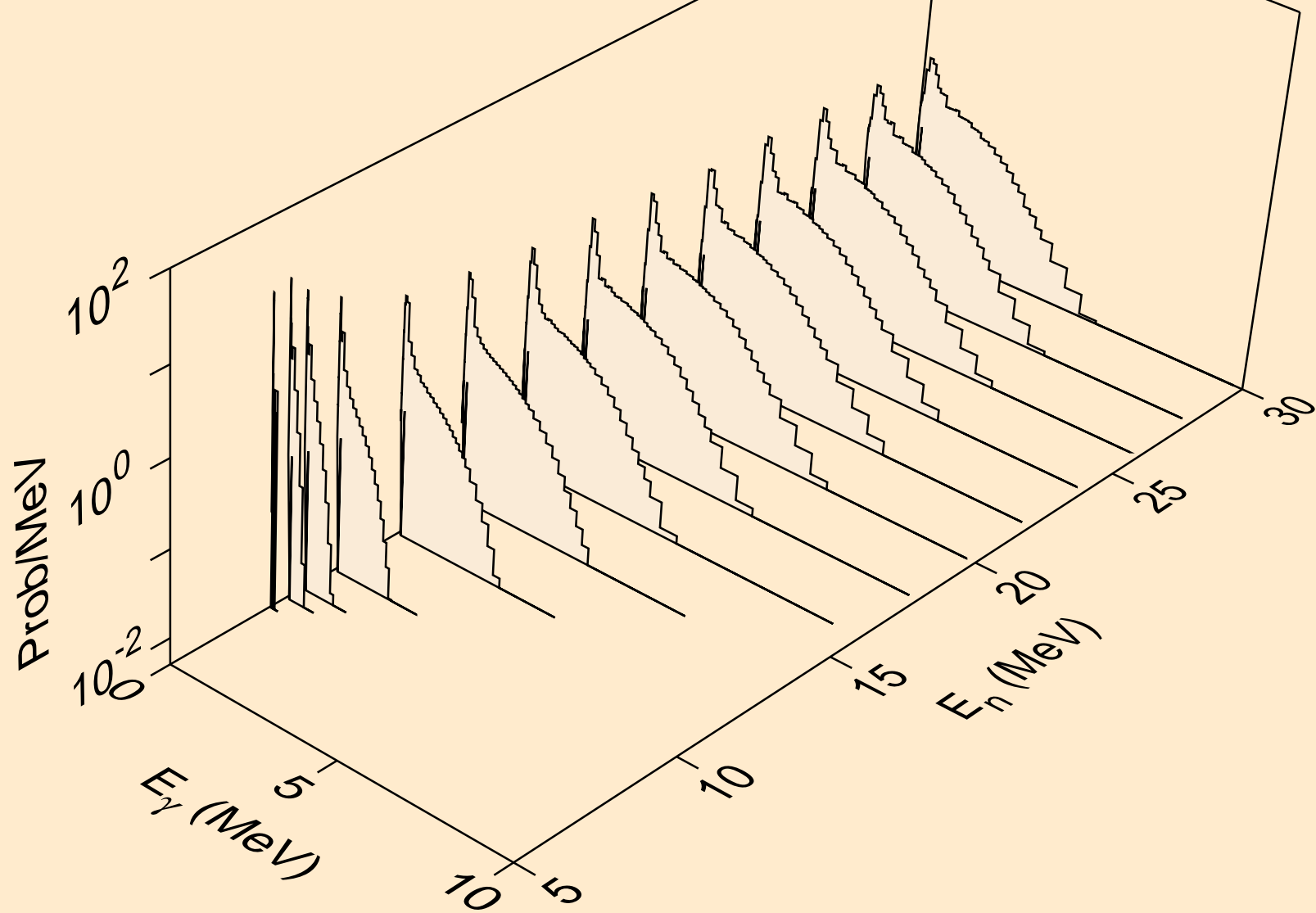
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)



MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2nd)

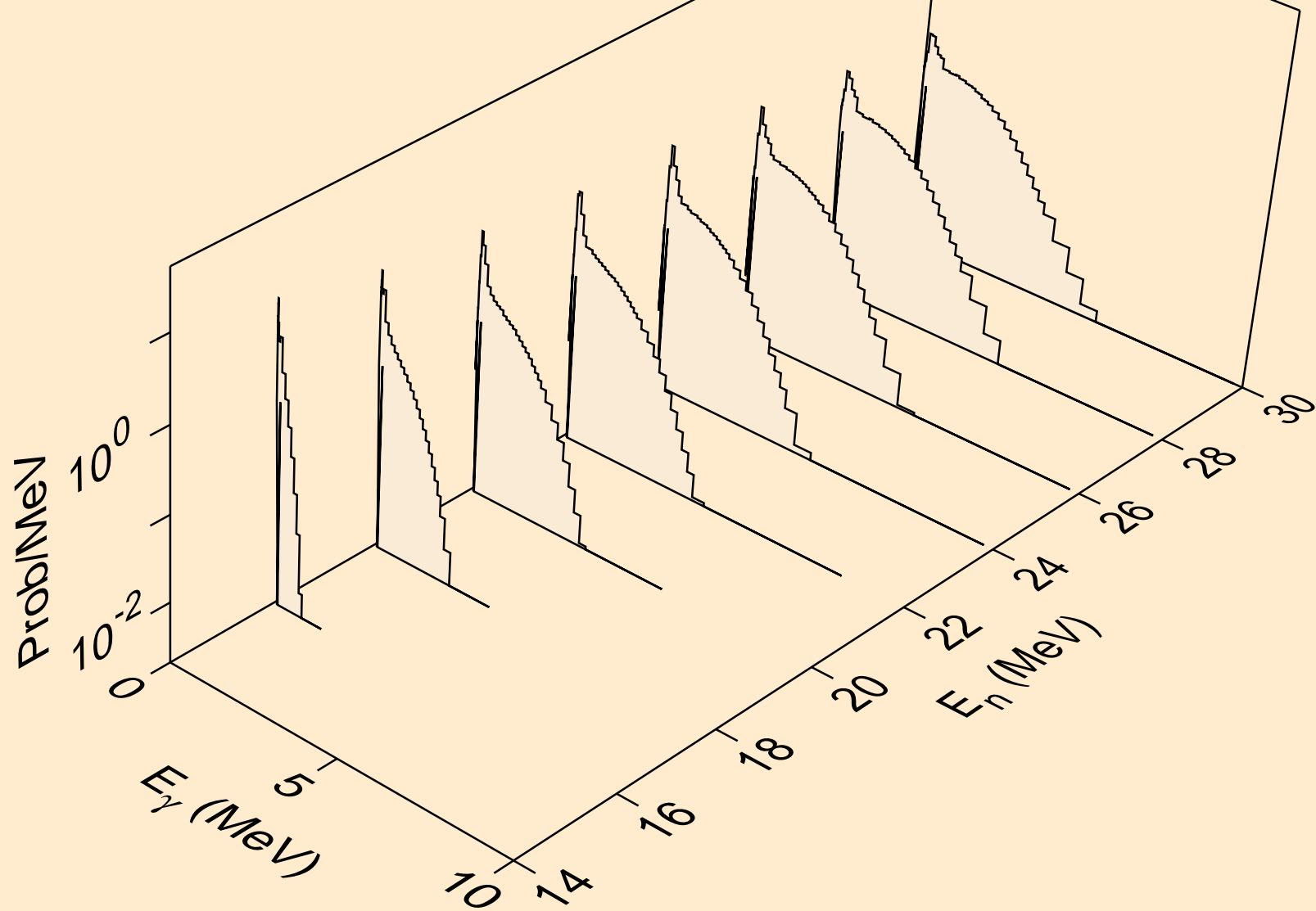


MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)

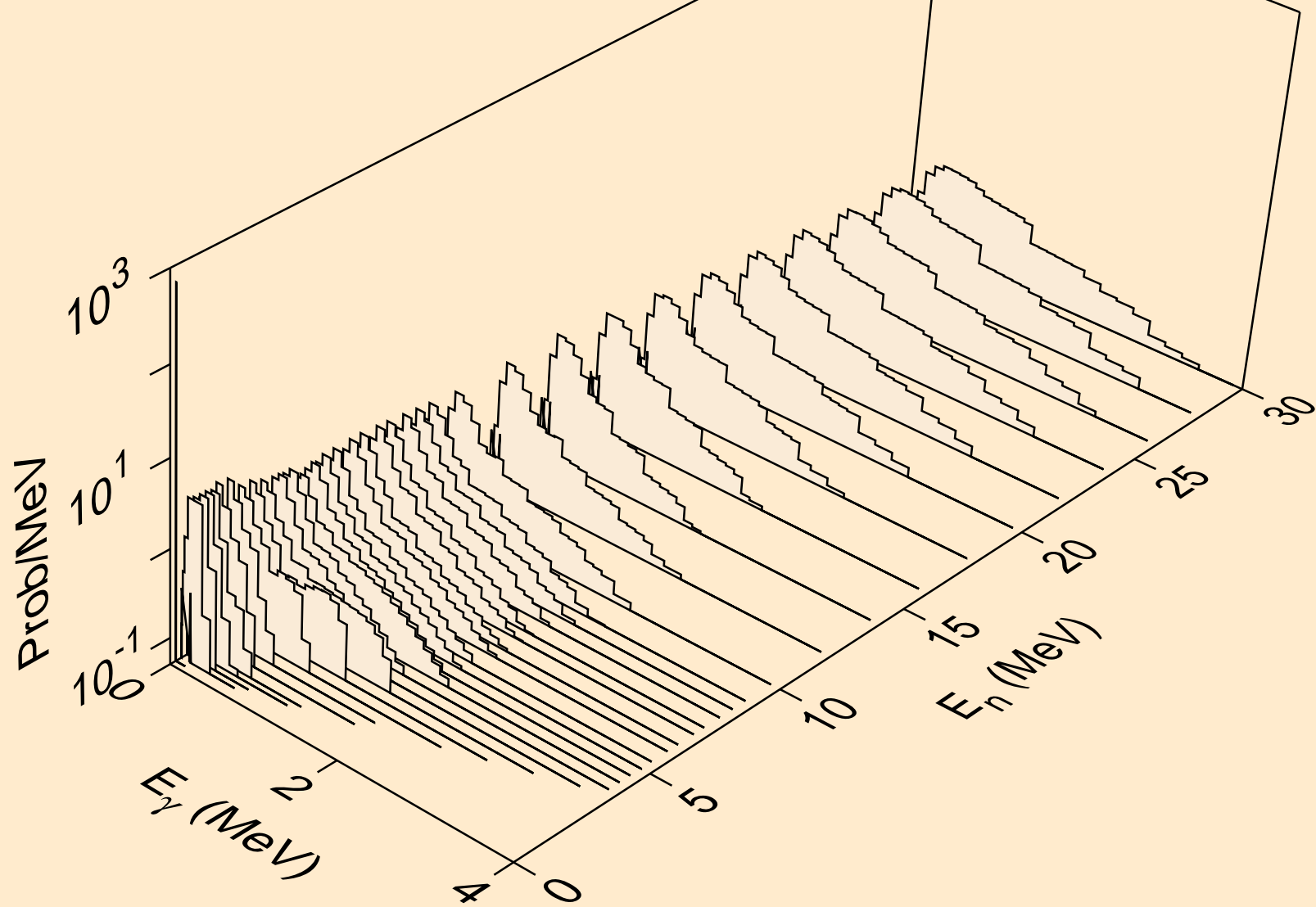




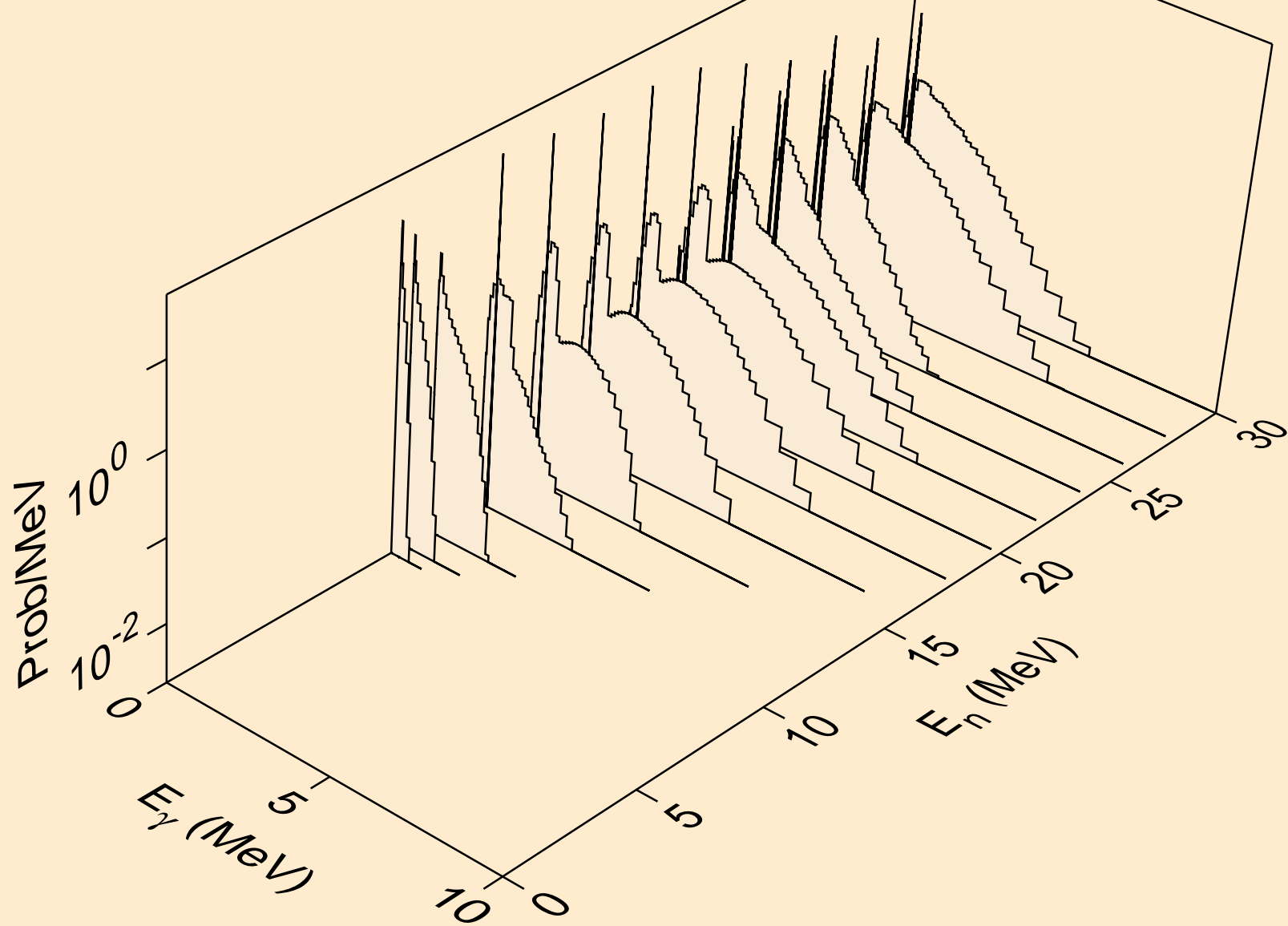
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Photon emission for (n,3n)



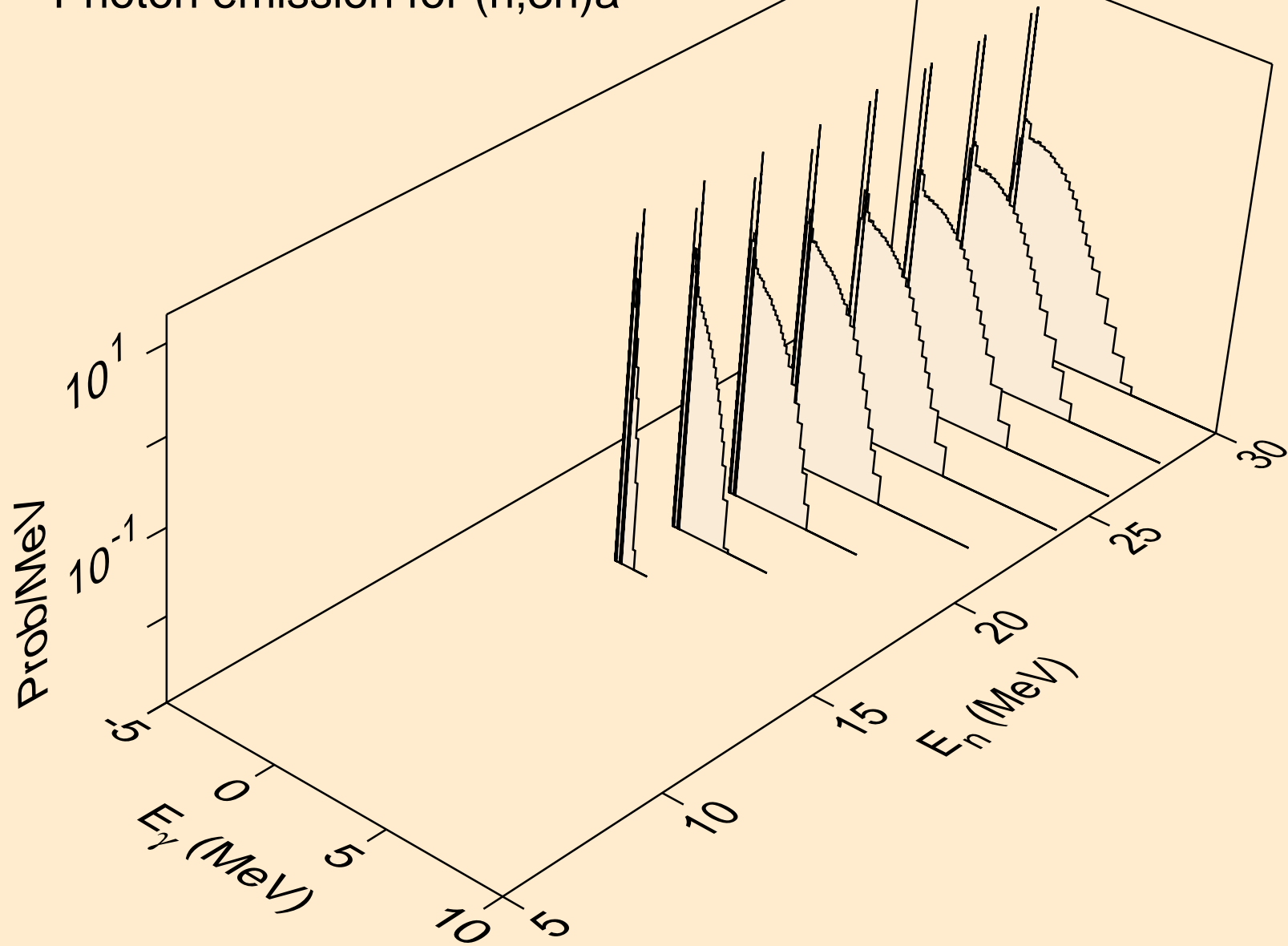
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a



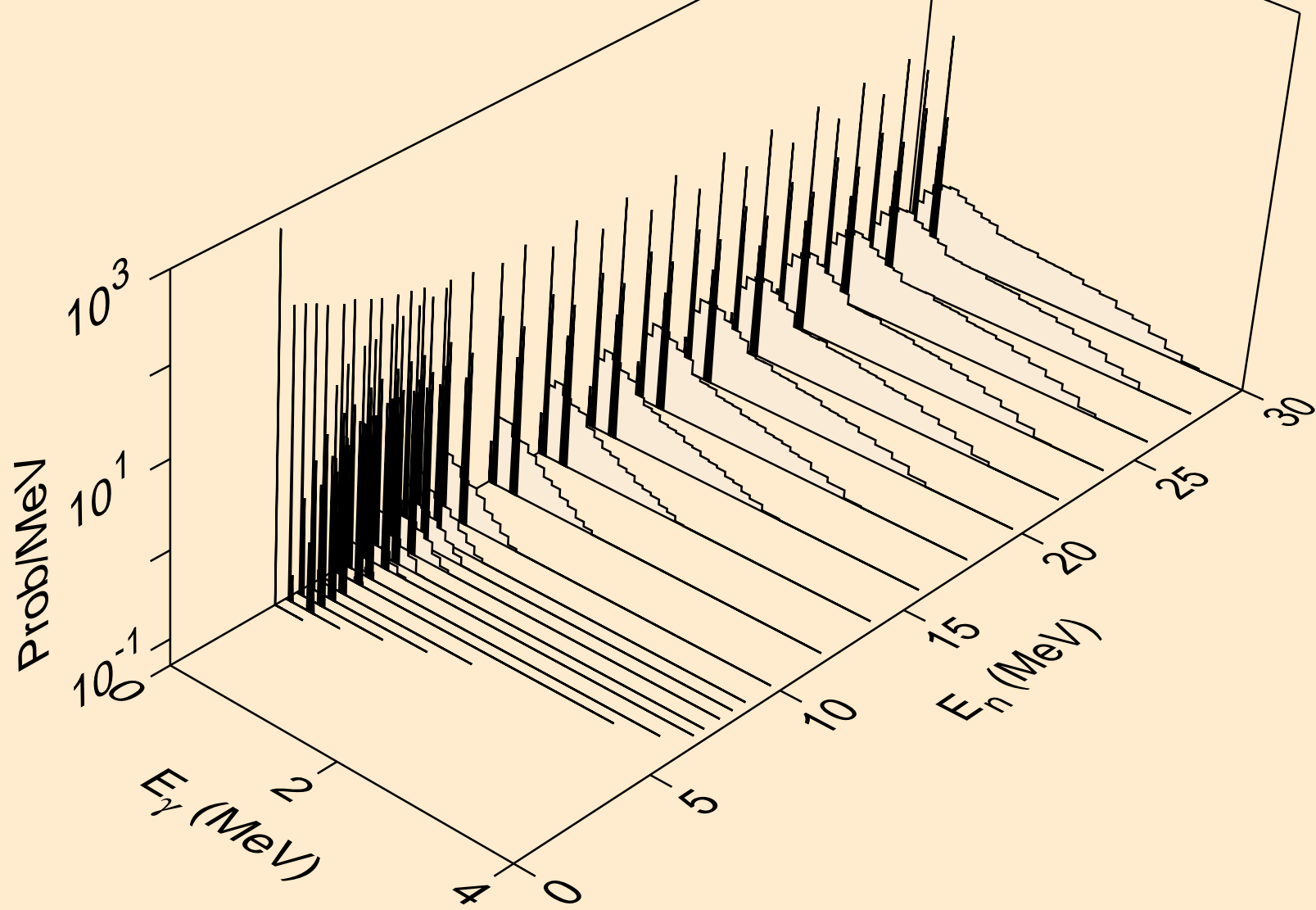
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Photon emission for (n,2n)a



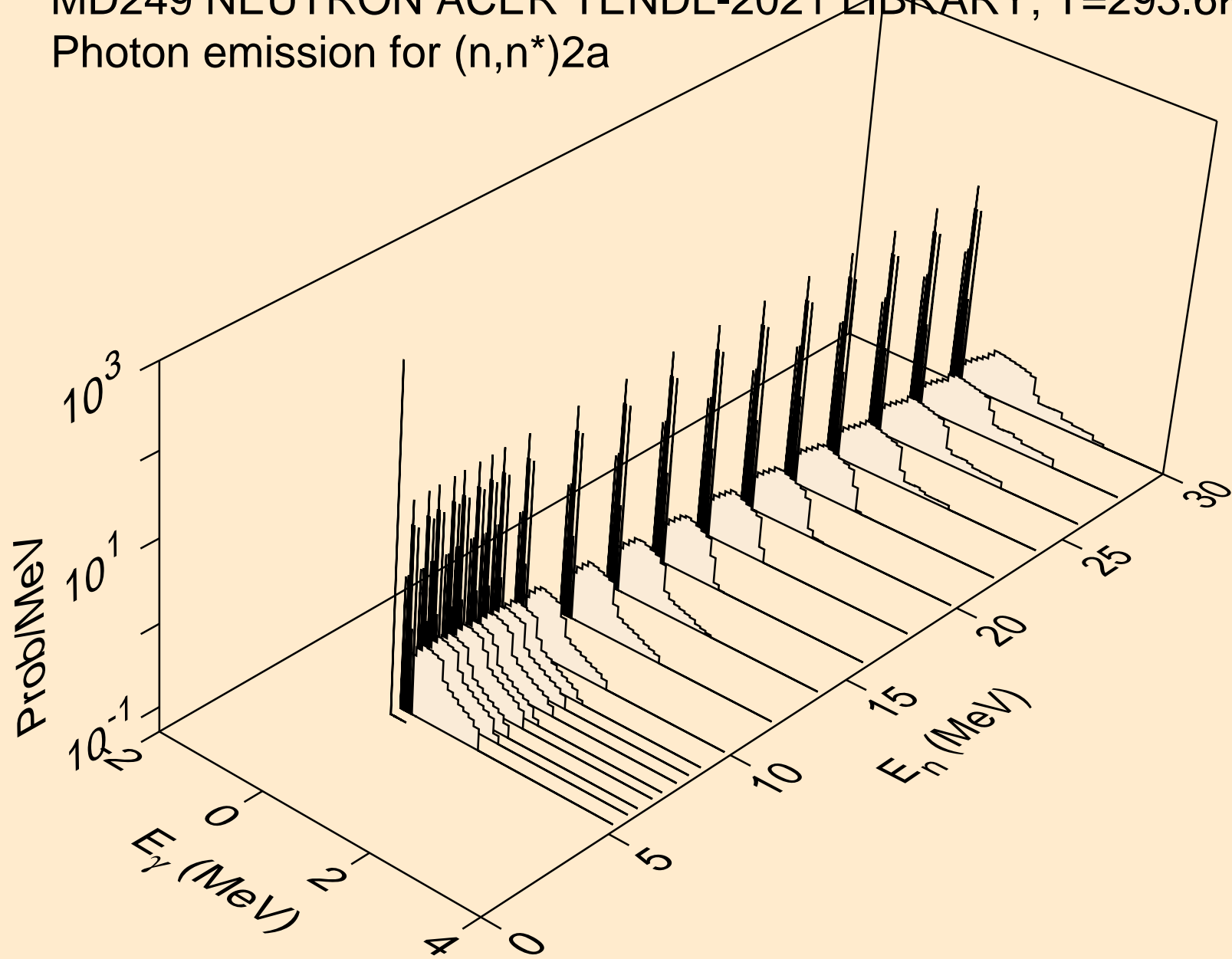
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Photon emission for (n,3n)a



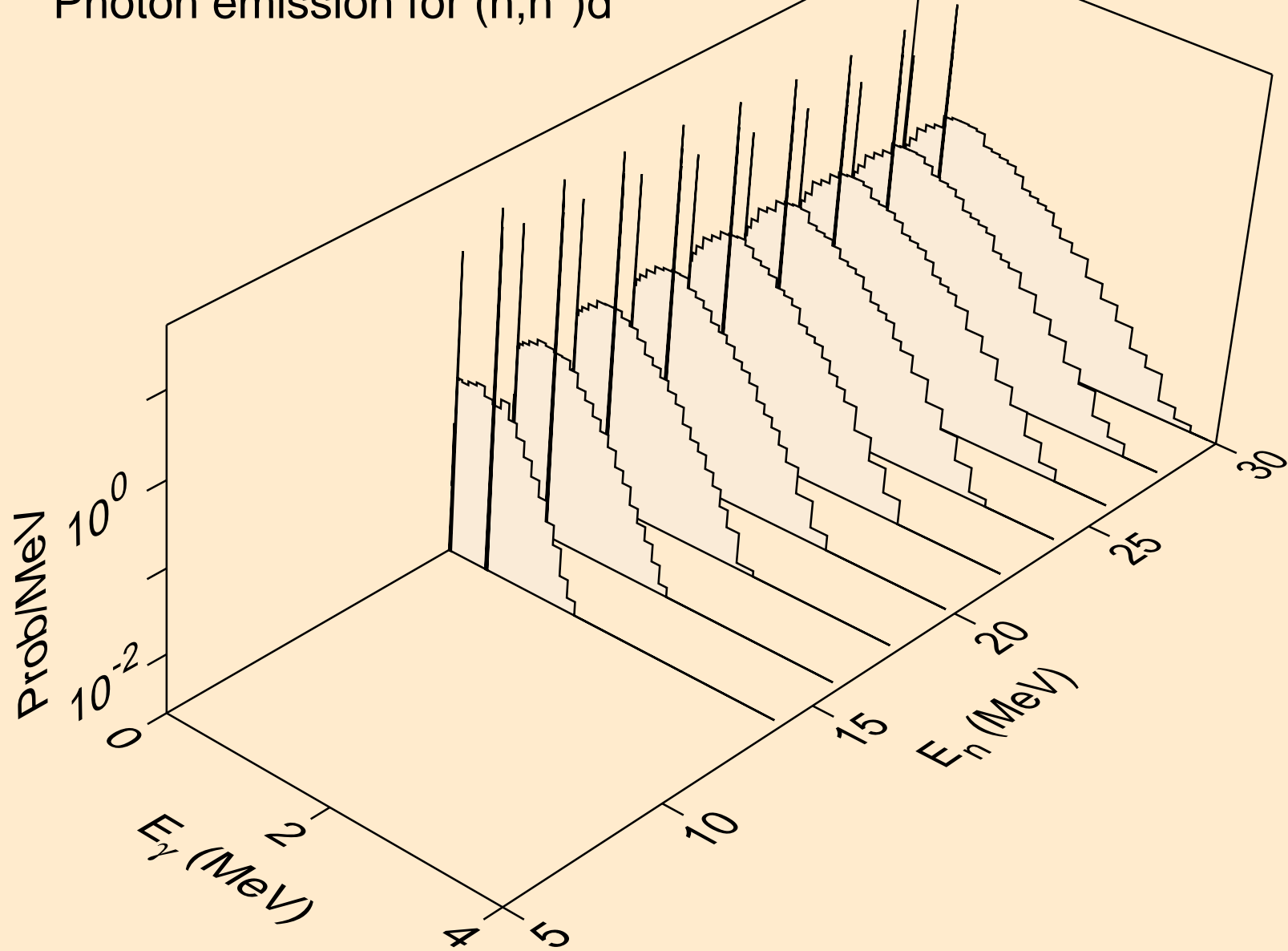
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Photon emission for (n,n\*)p



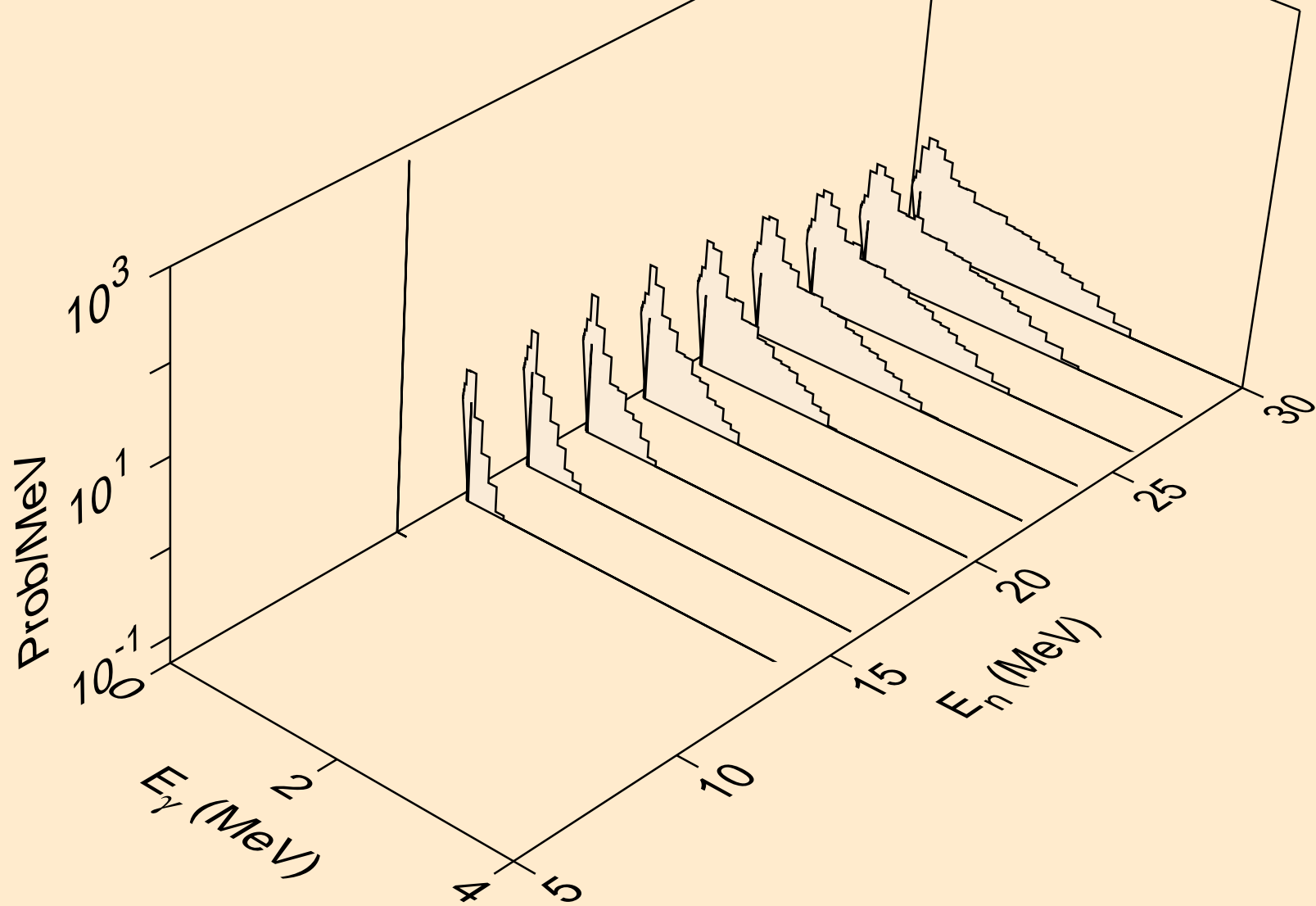
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)2a



MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d

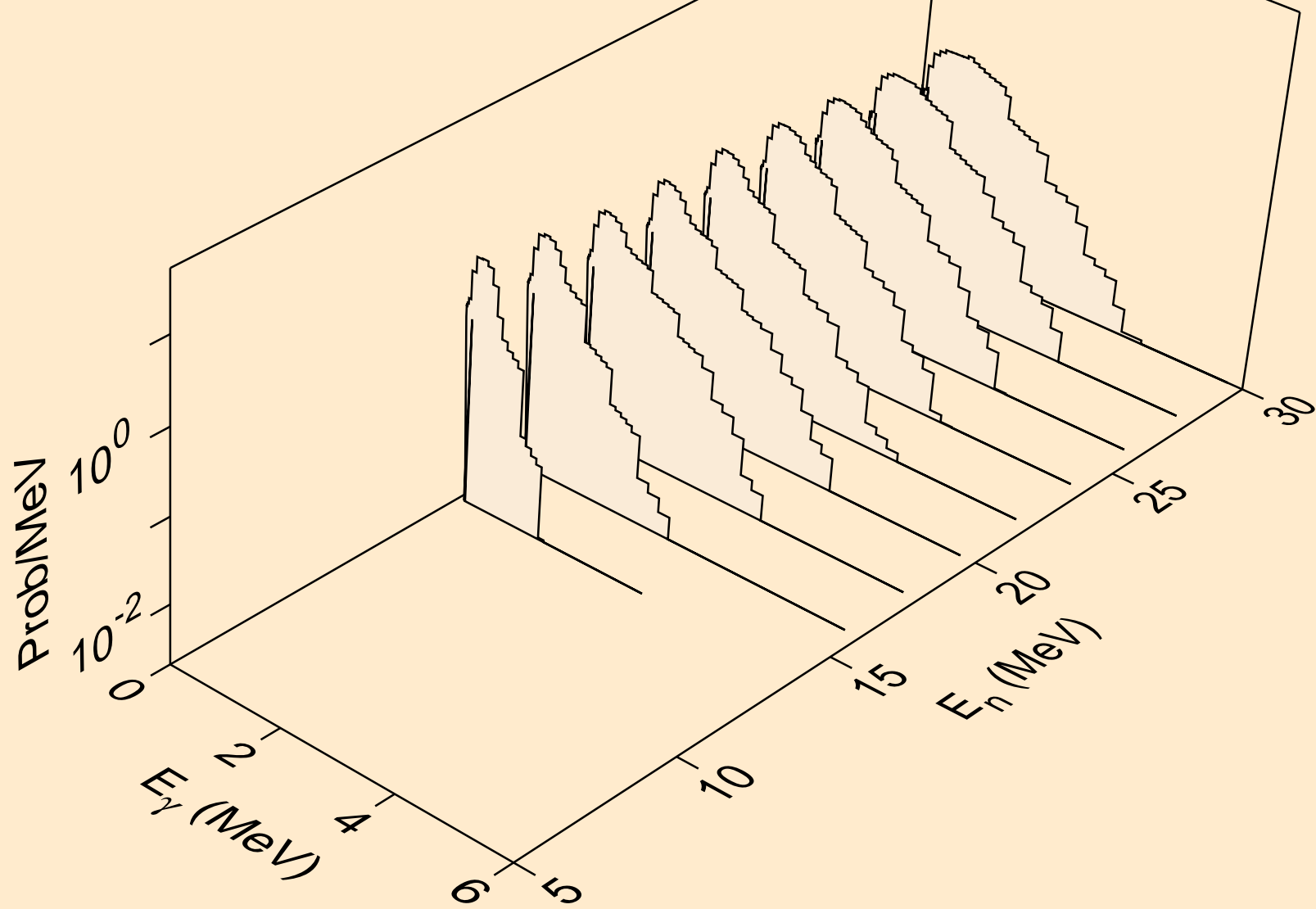


MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t

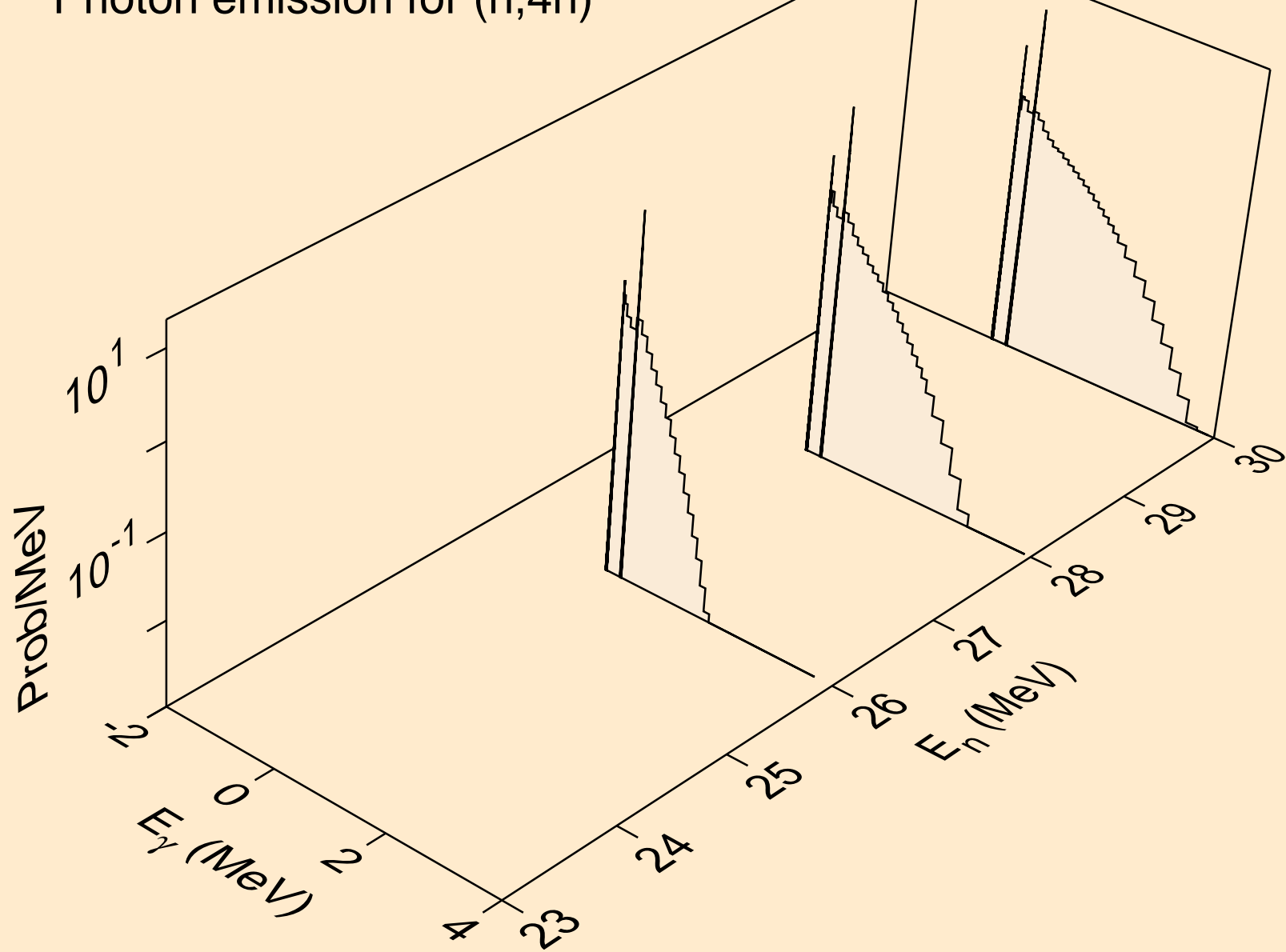




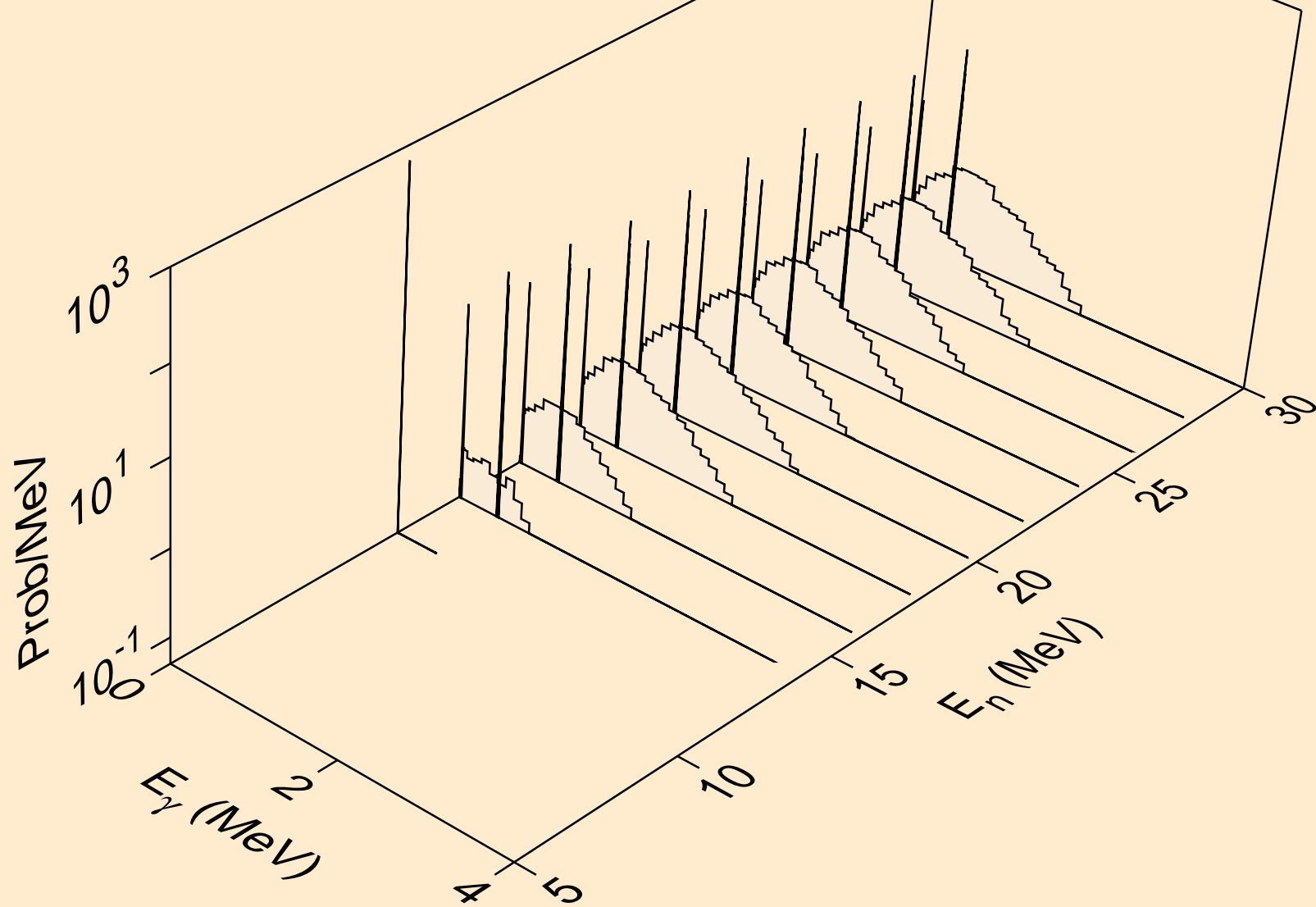
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



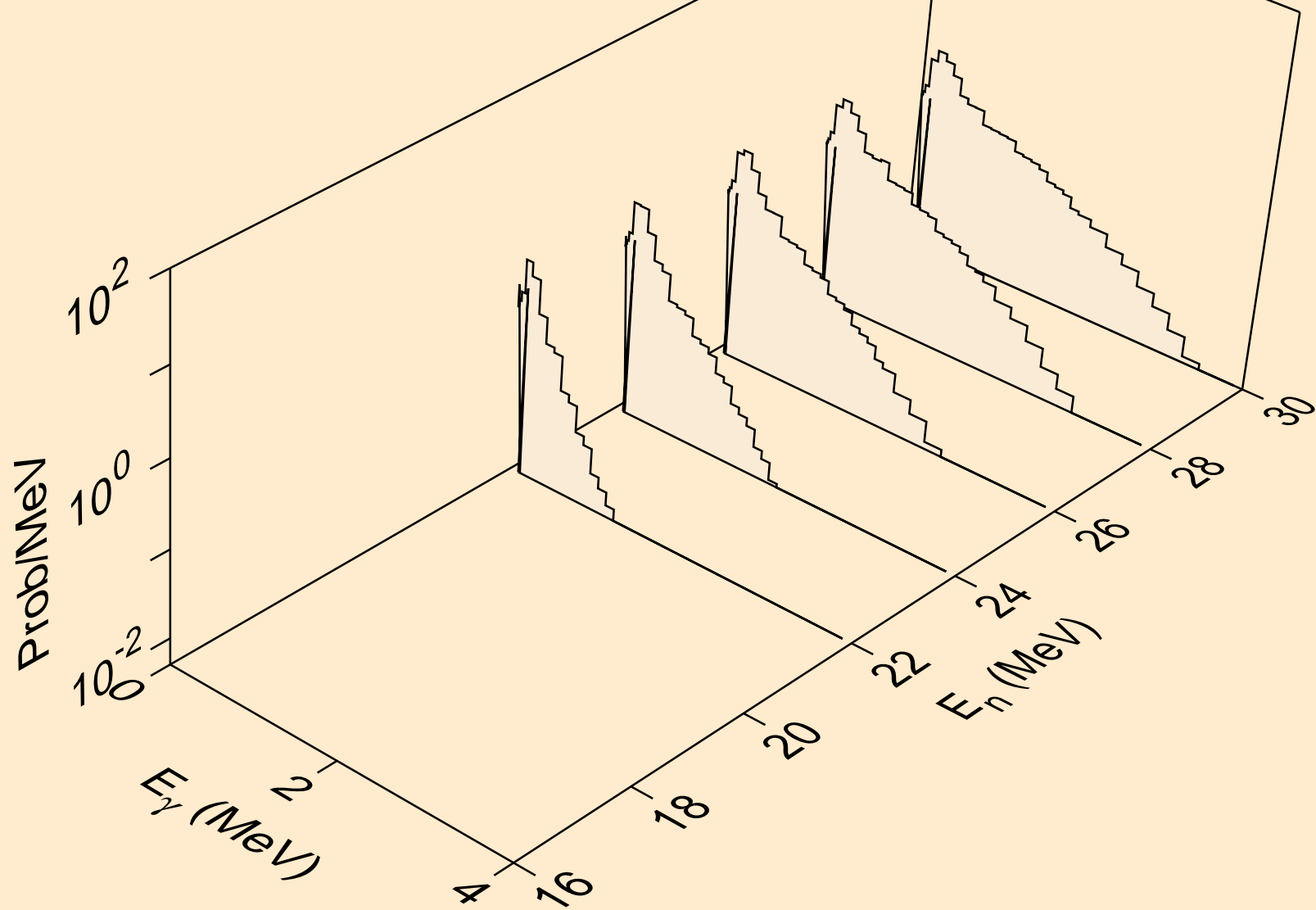
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,4n)



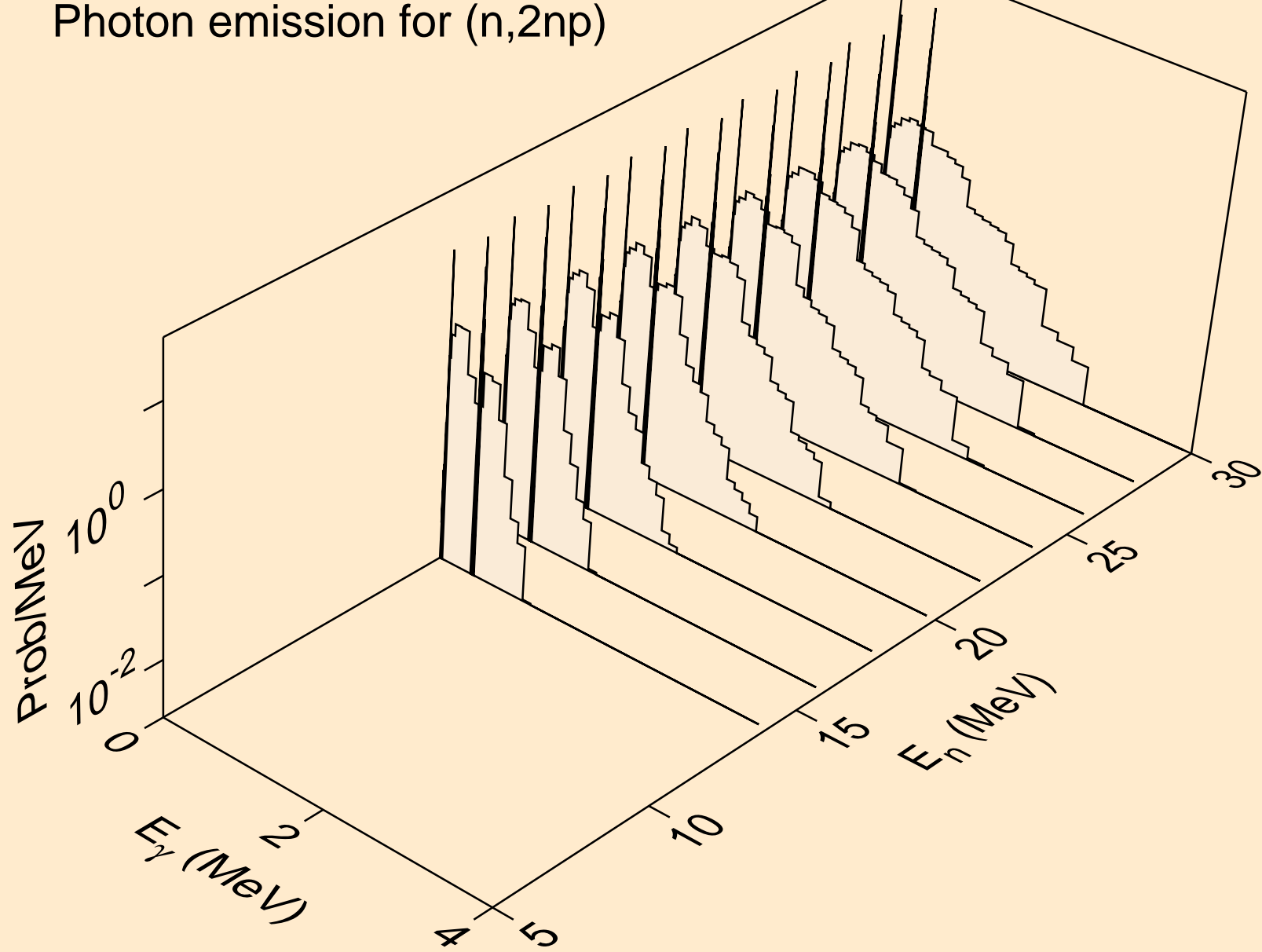
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Photon emission for (n,2np)



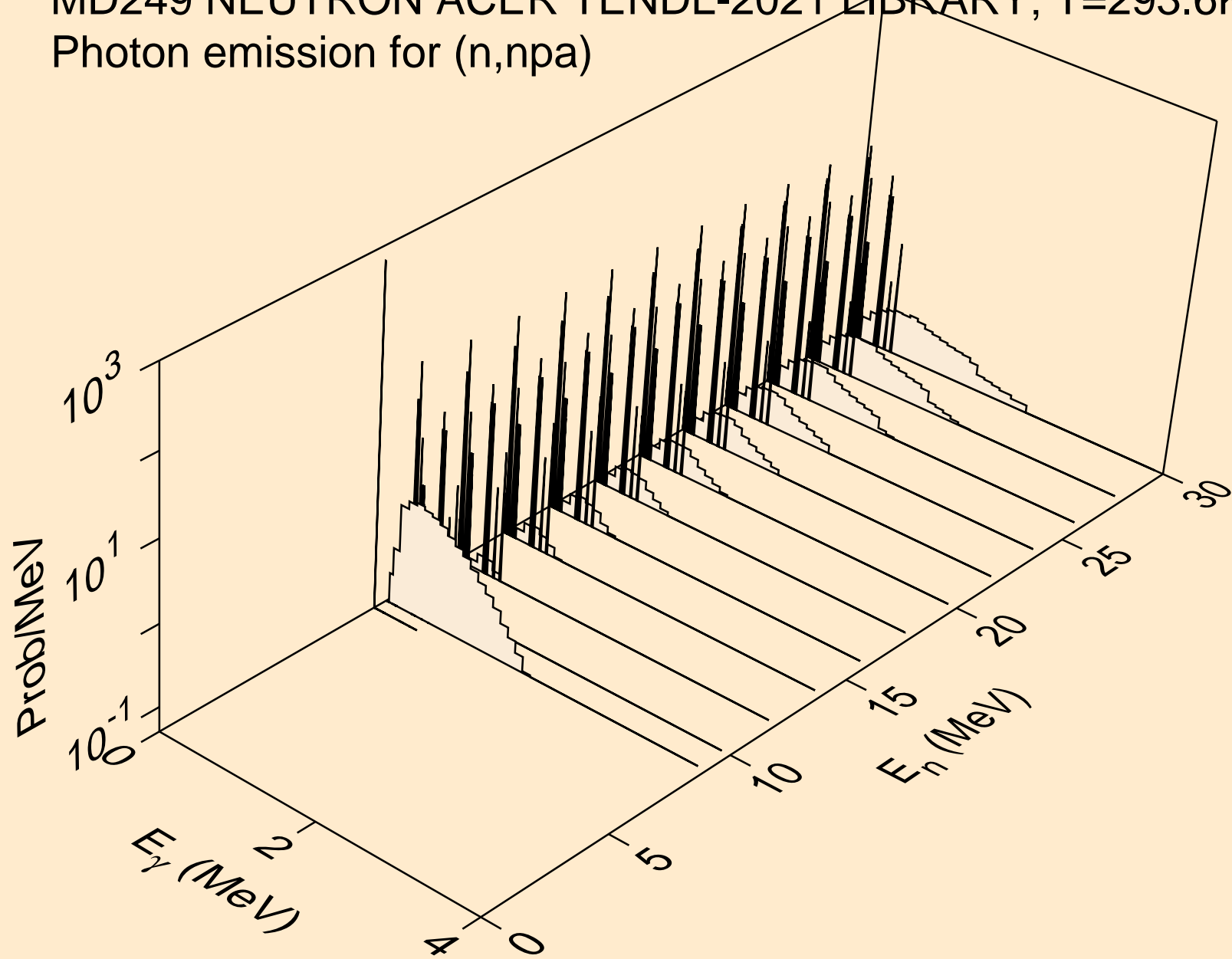
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Photon emission for (n,3np)



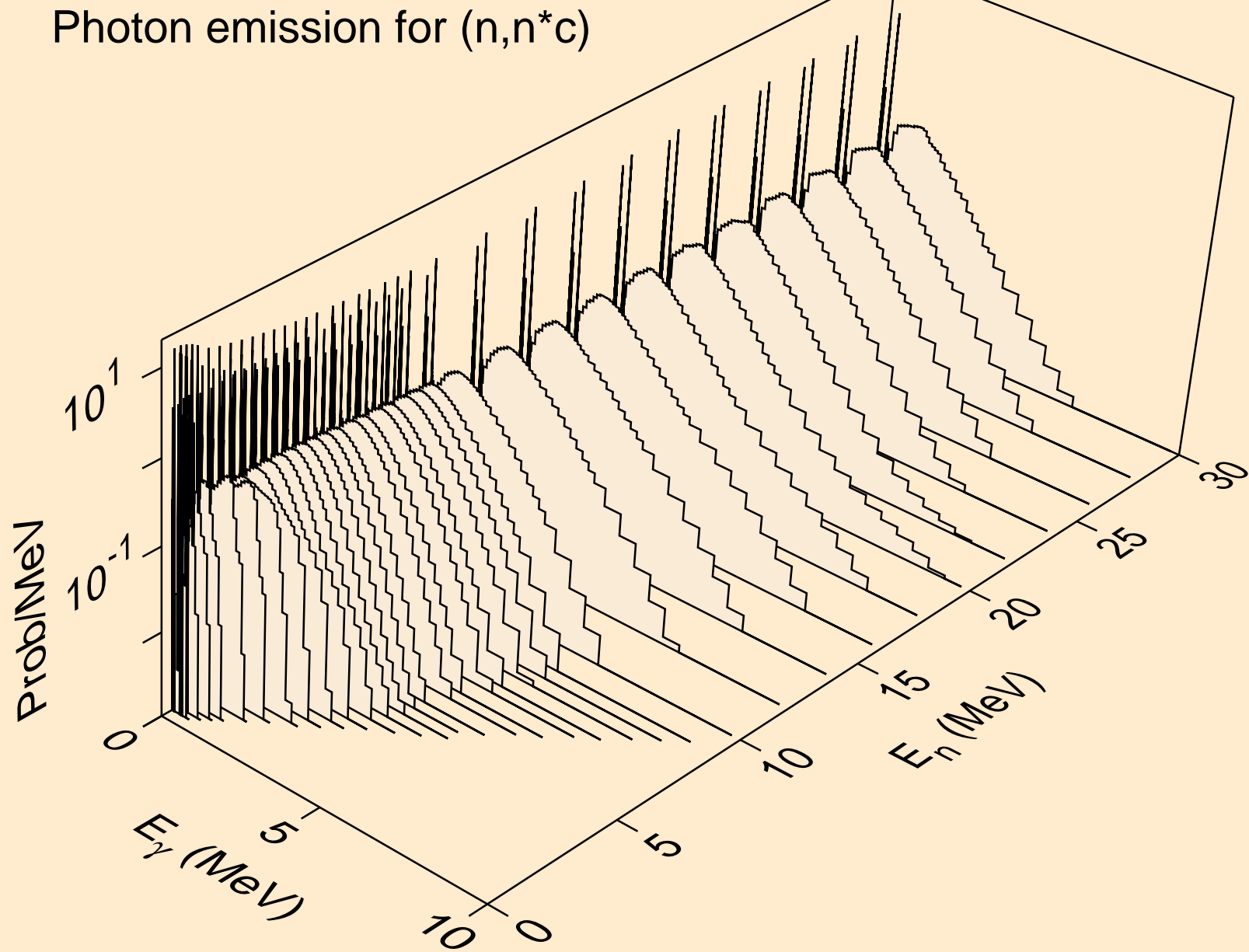
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Photon emission for (n,2np)



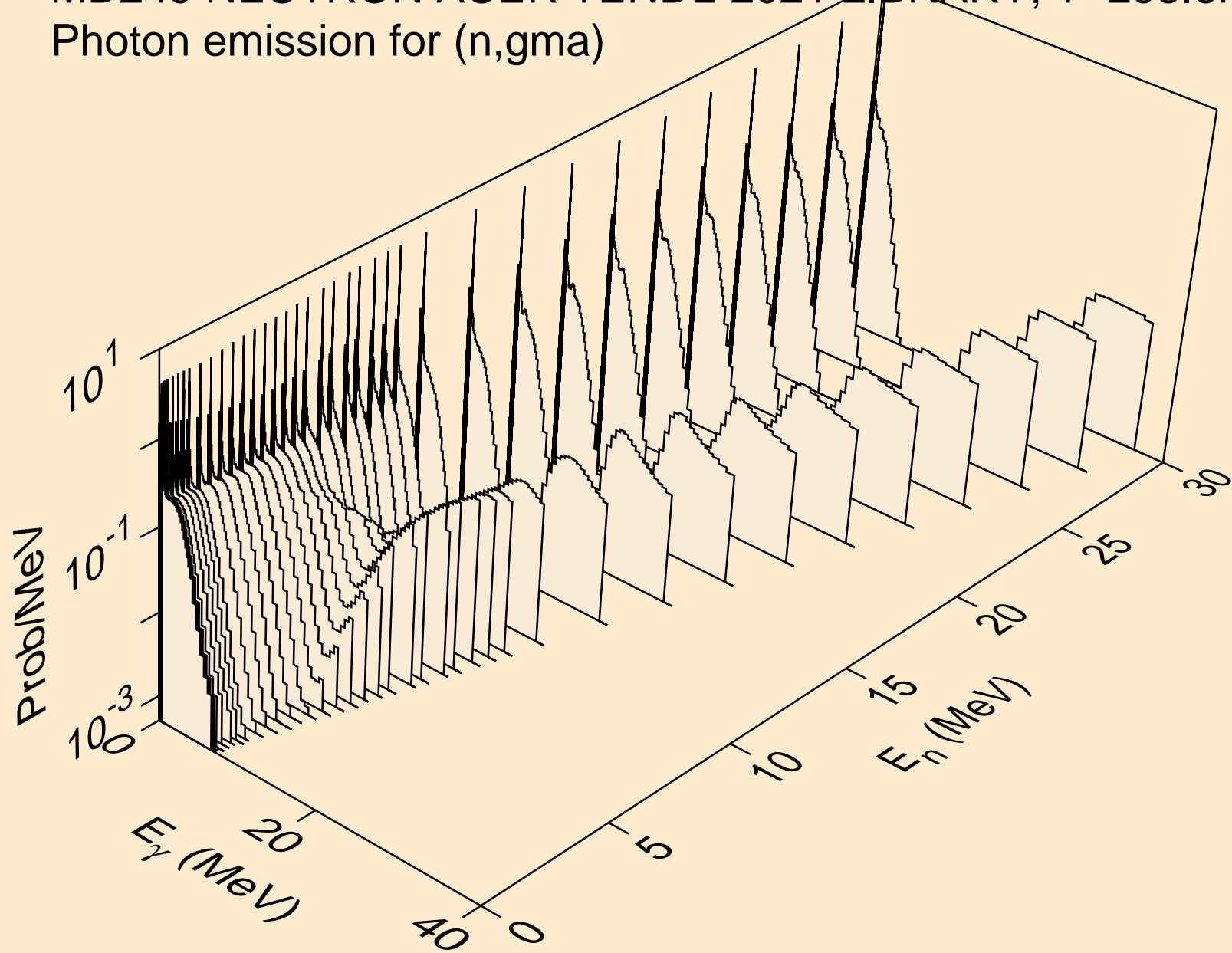
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,npa)



MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)

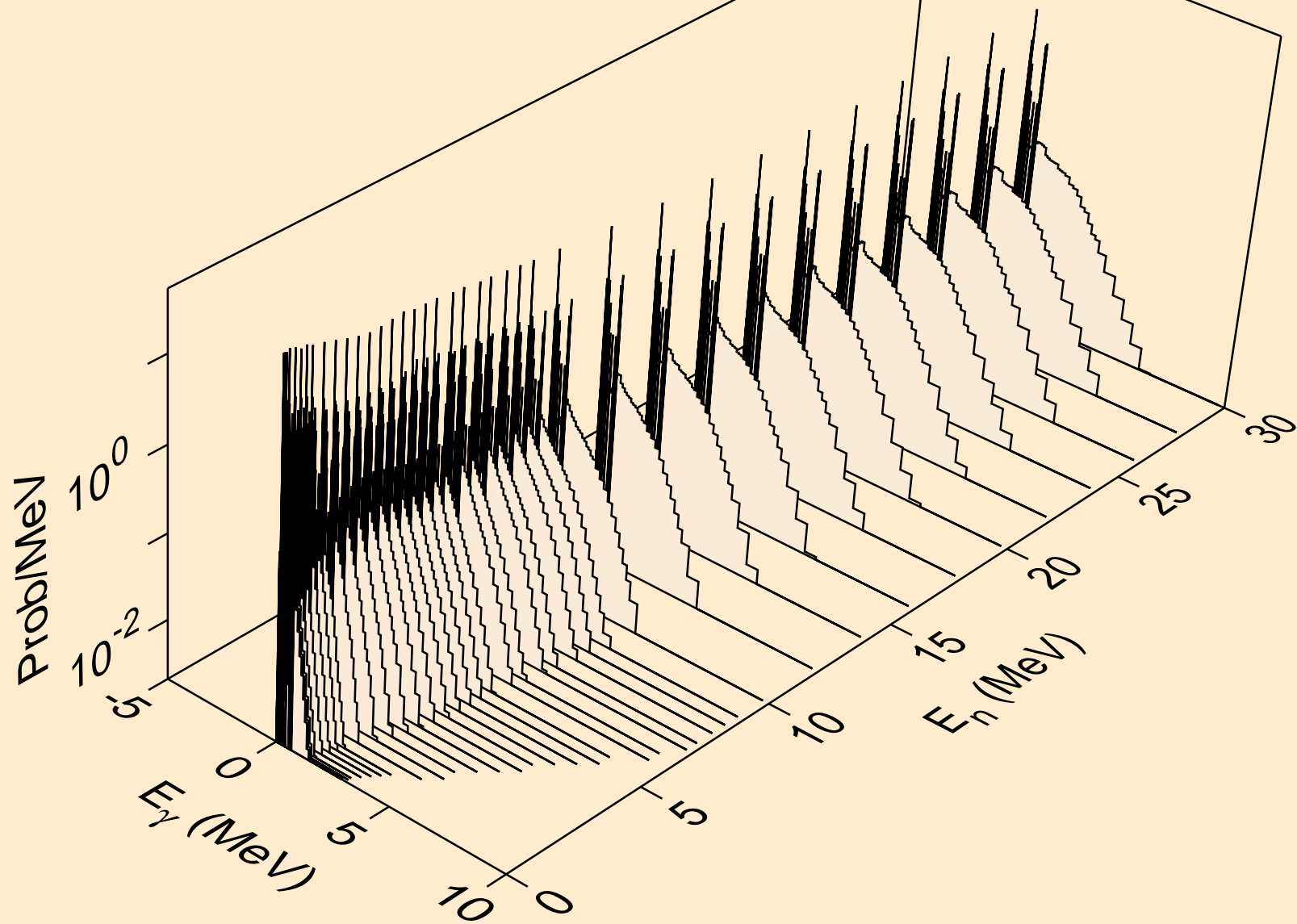


MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,gma)

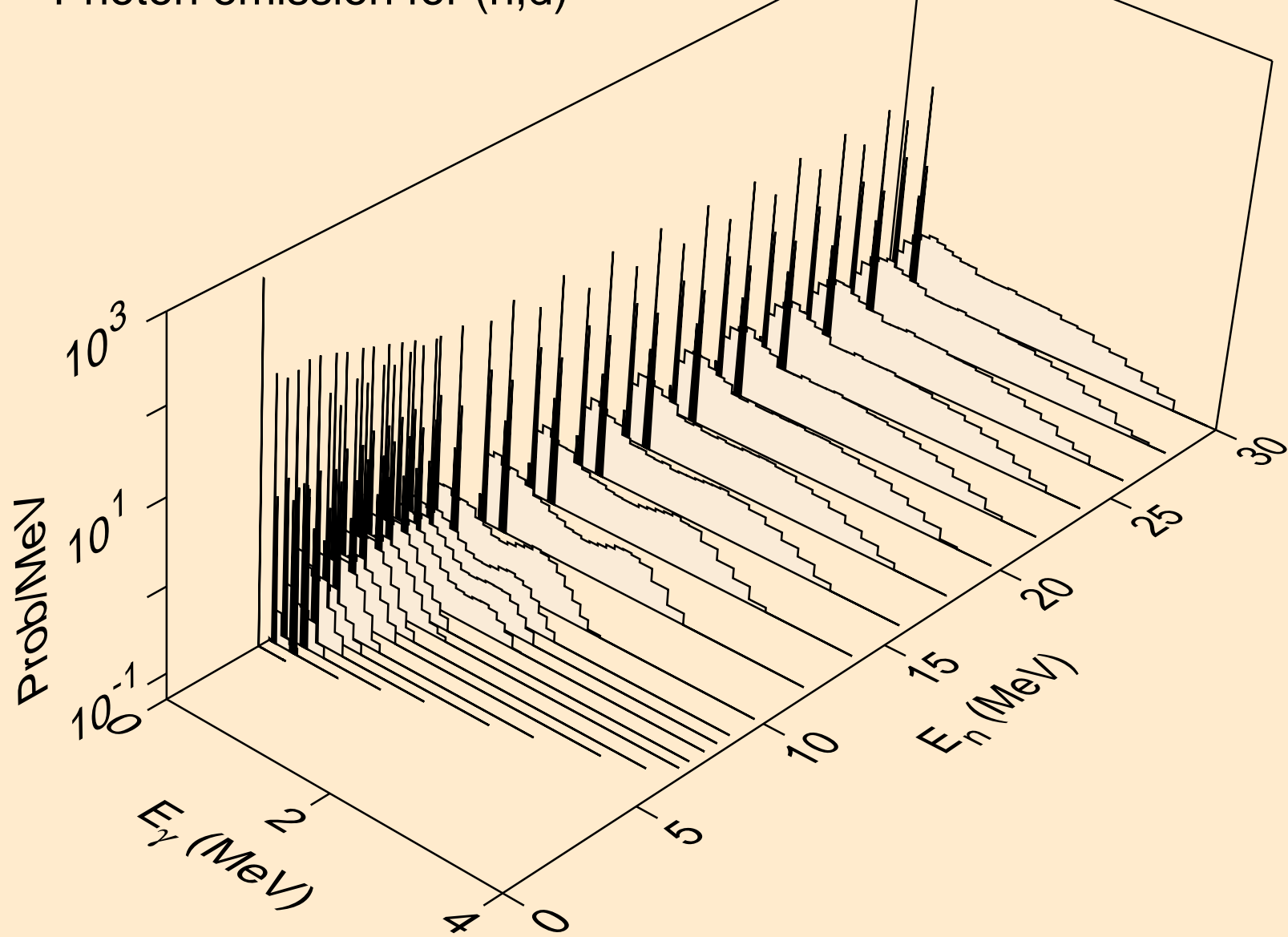




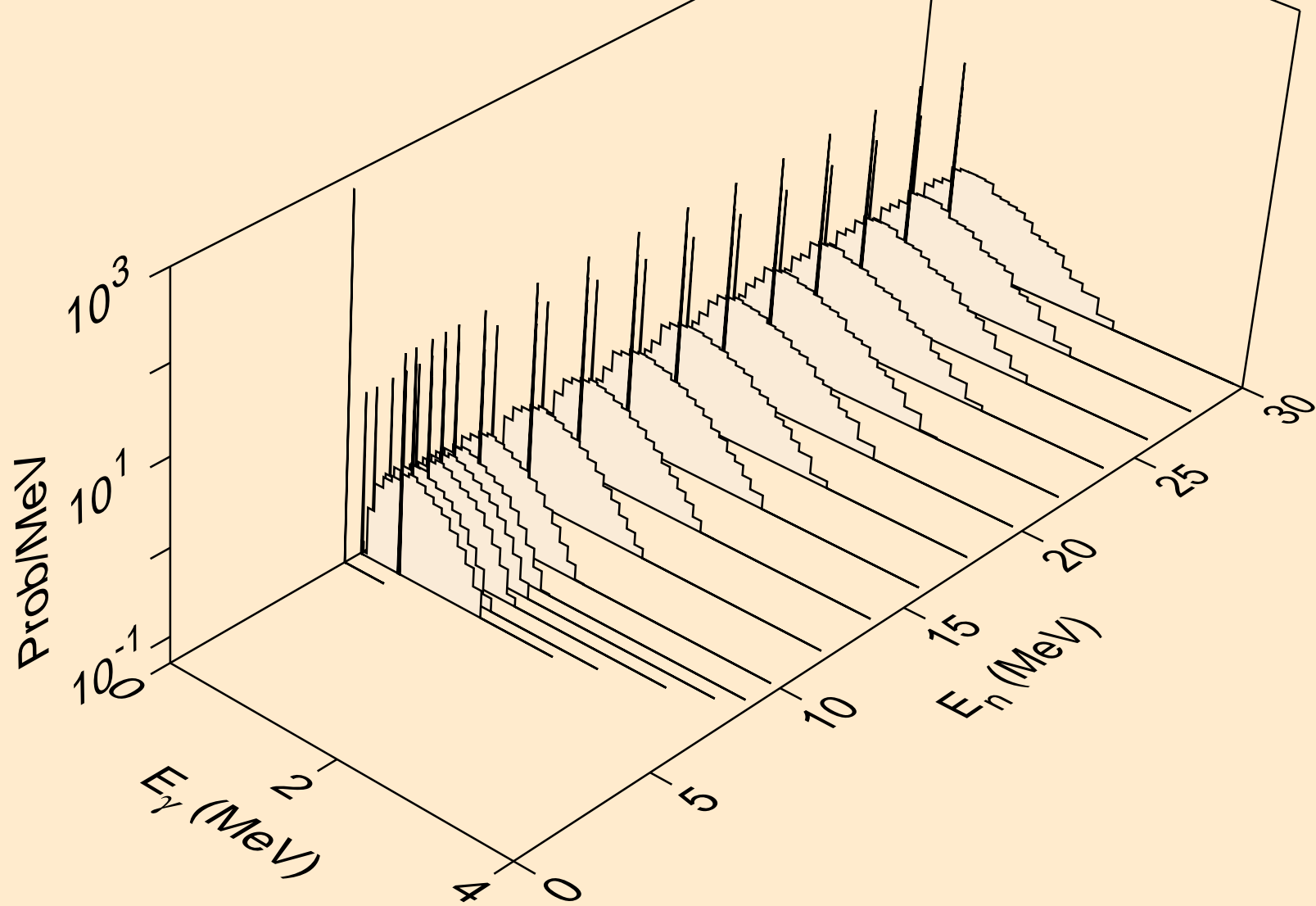
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p)



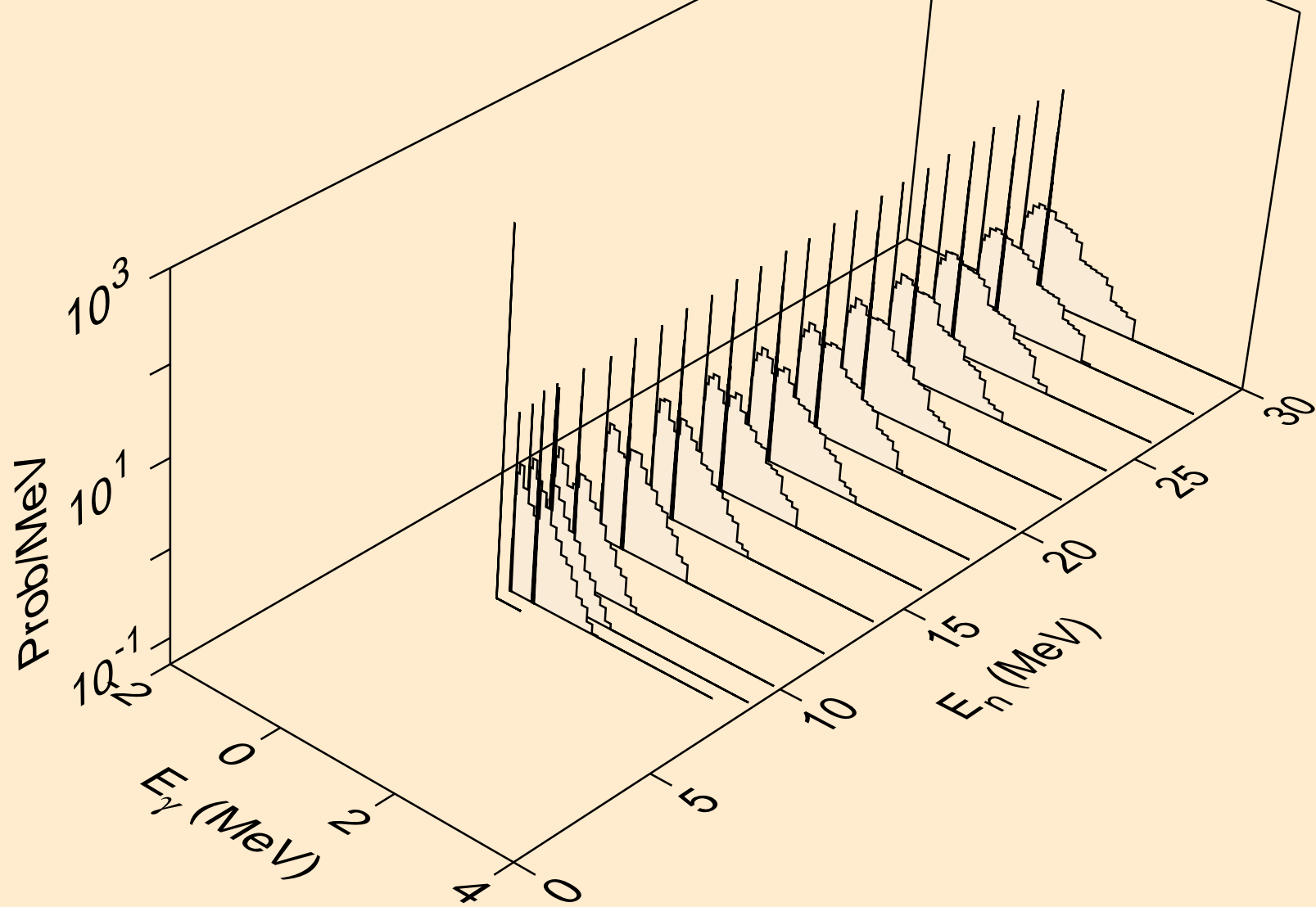
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,d)



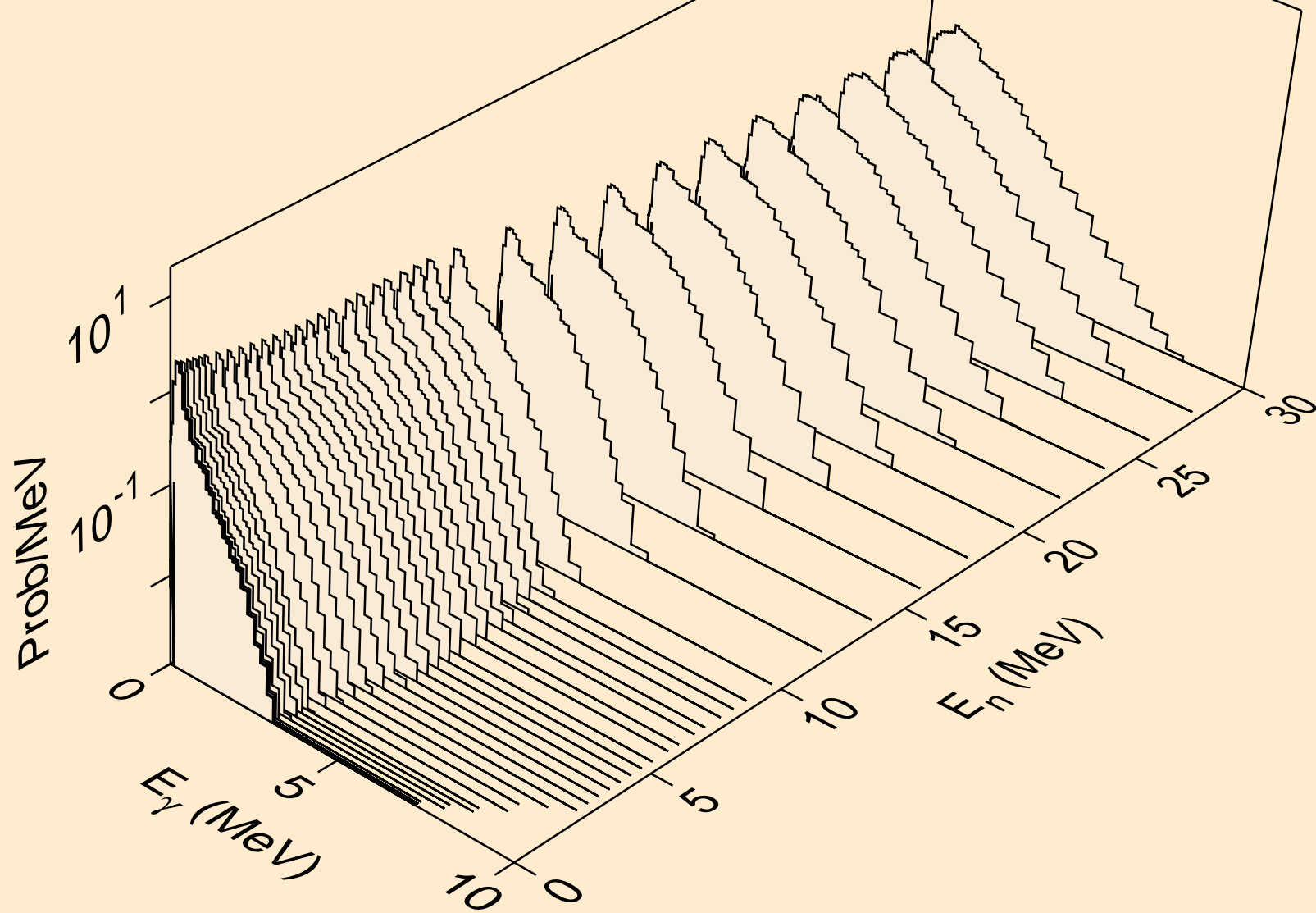
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,t)



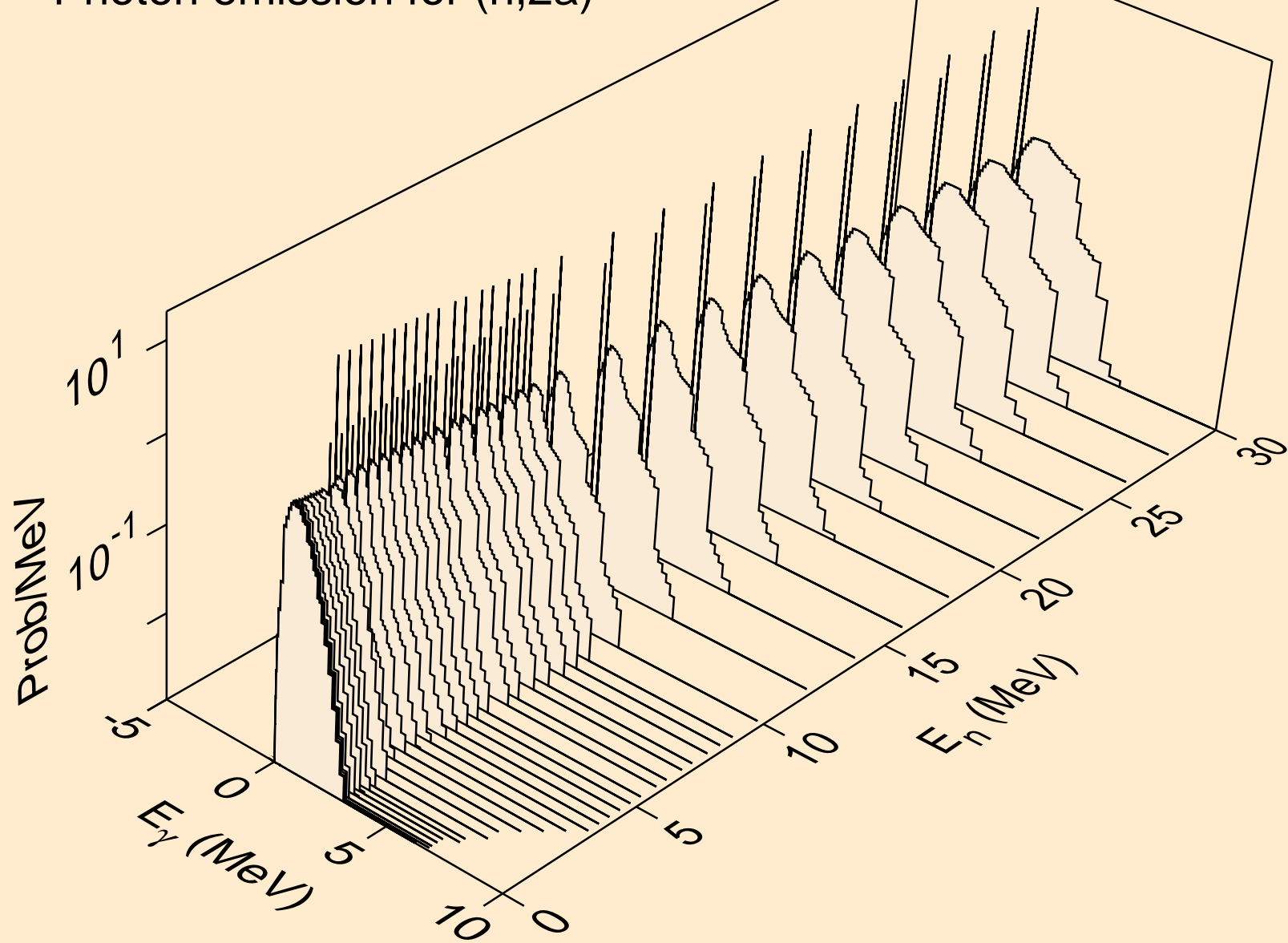
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Photon emission for (n,he3)



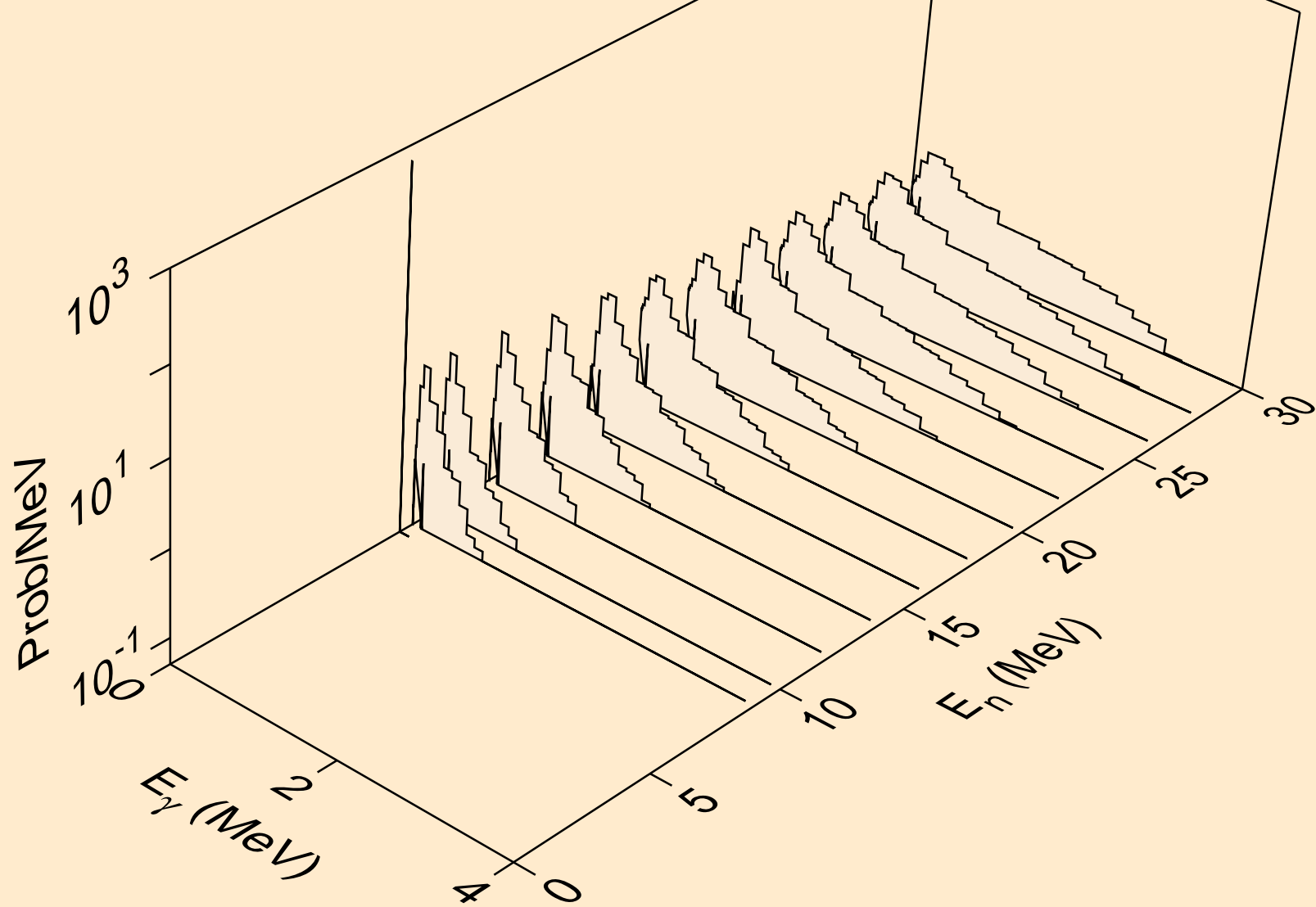
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,a)



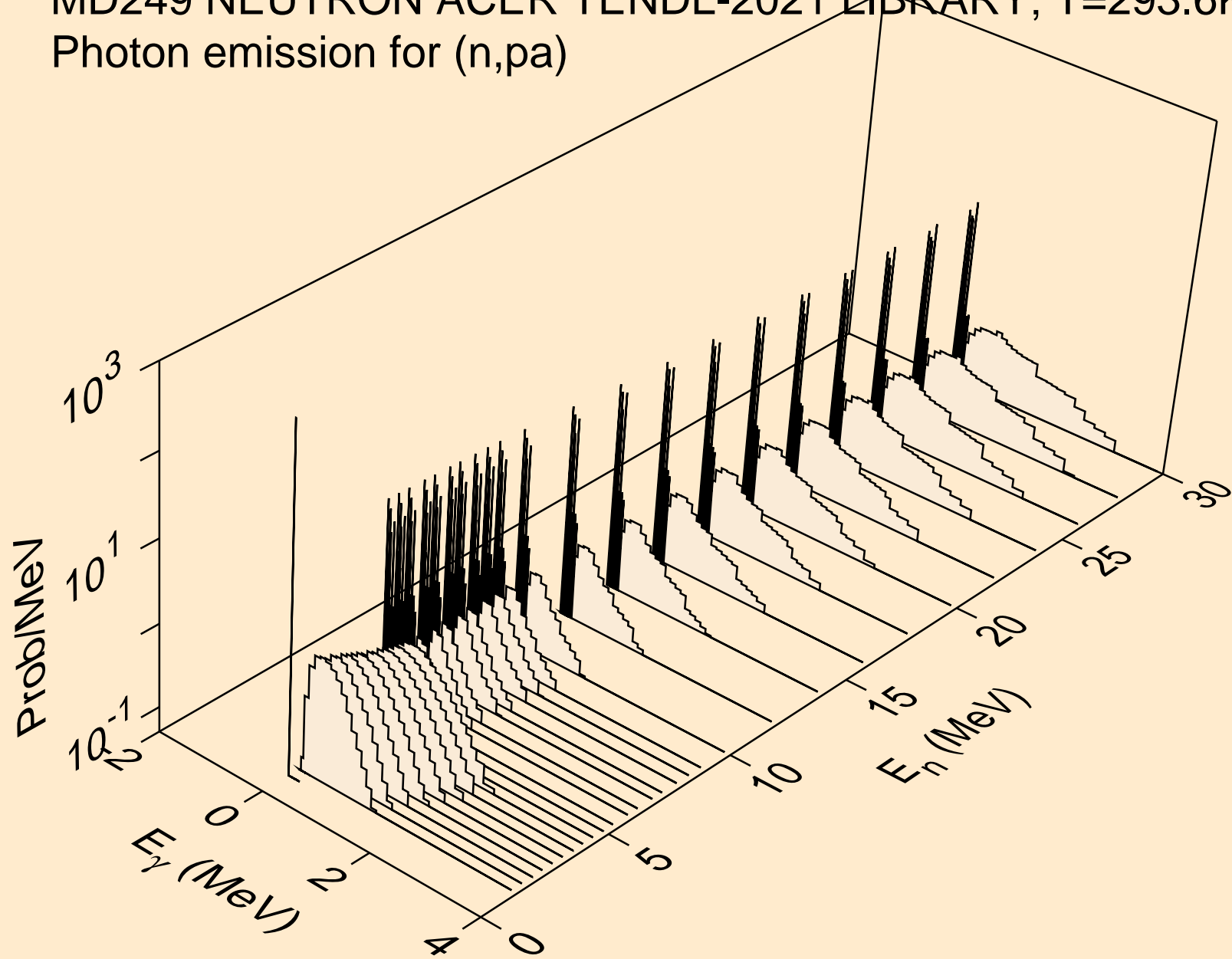
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2a)



MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2p)

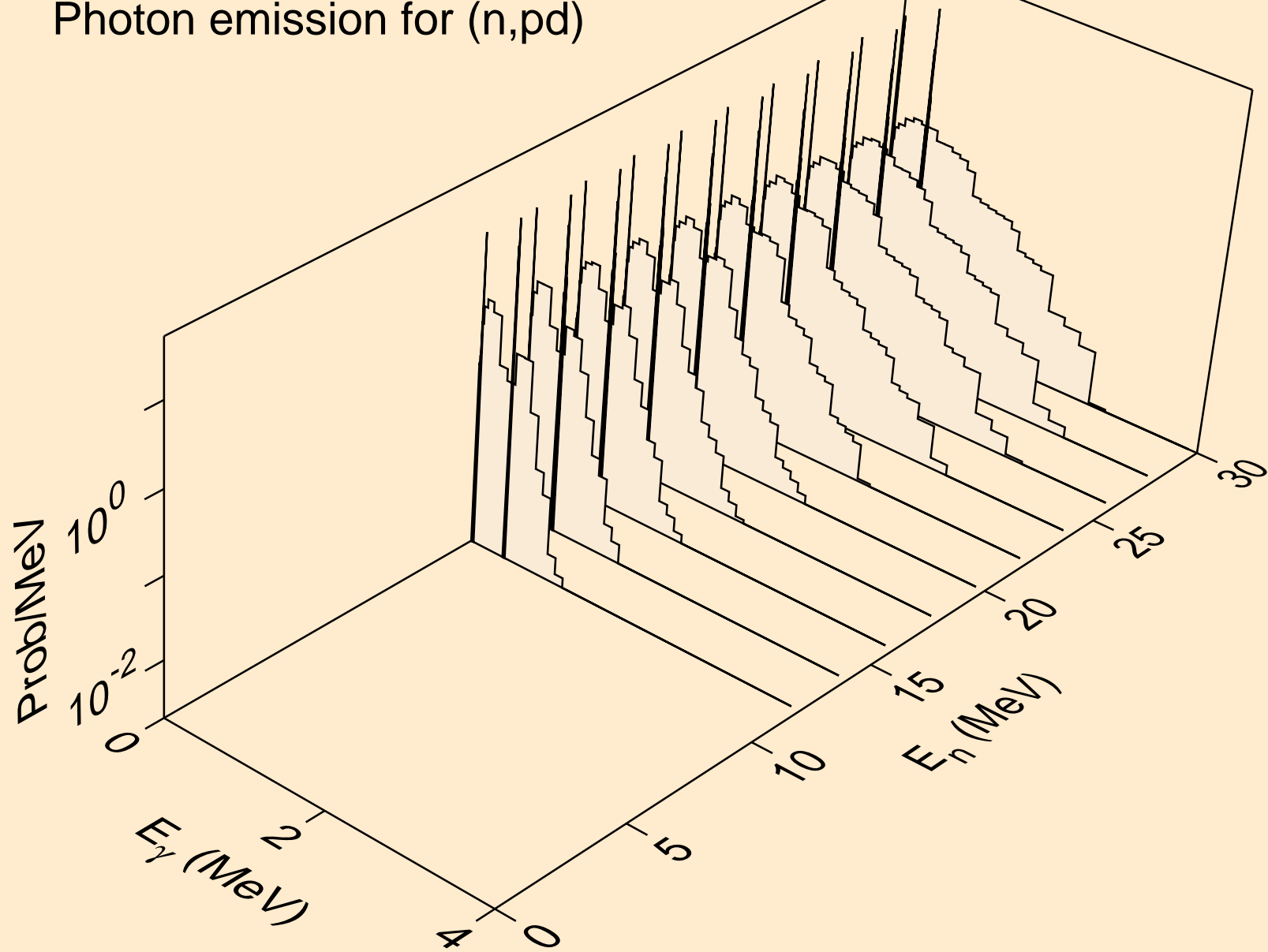


MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pa)

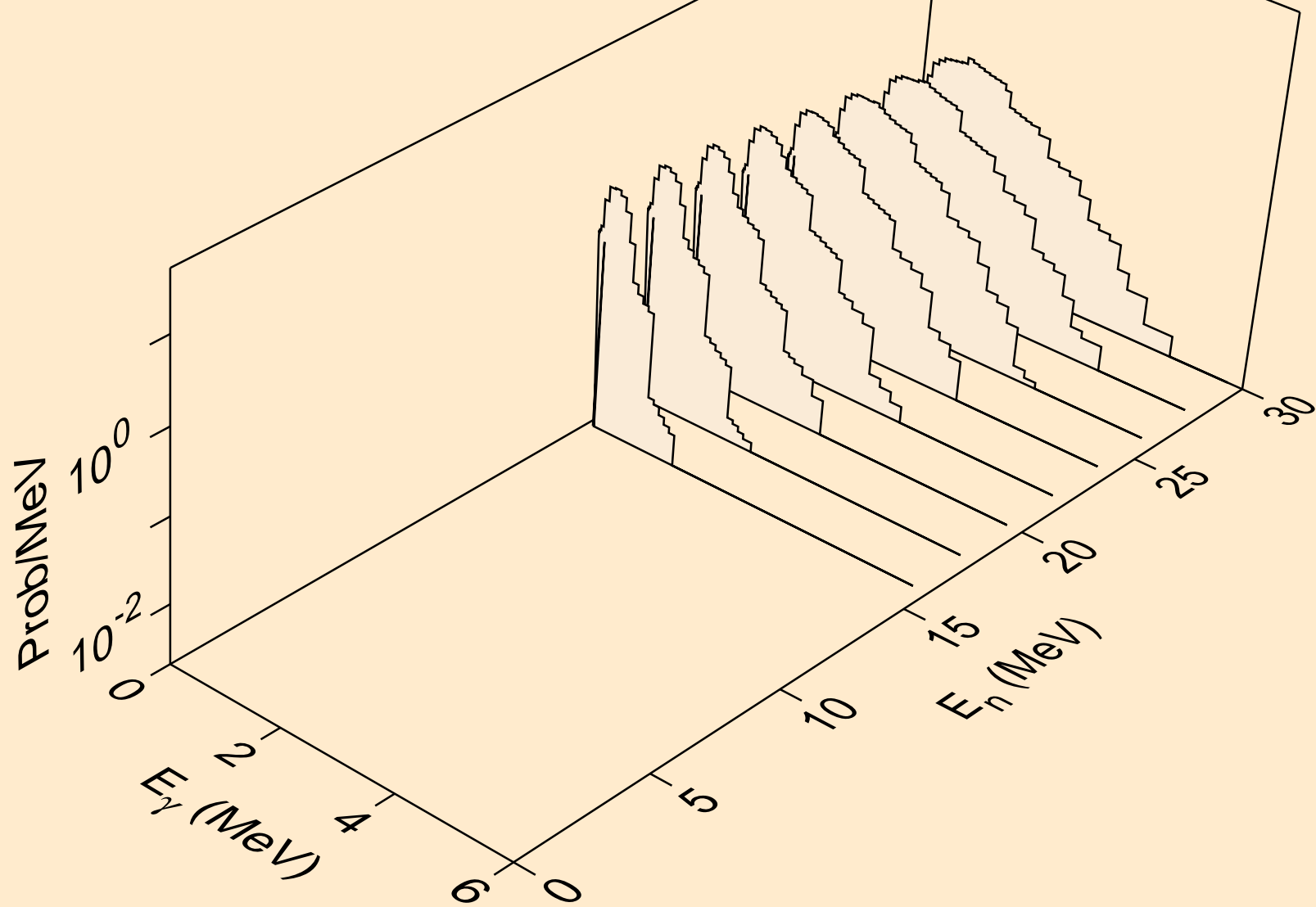




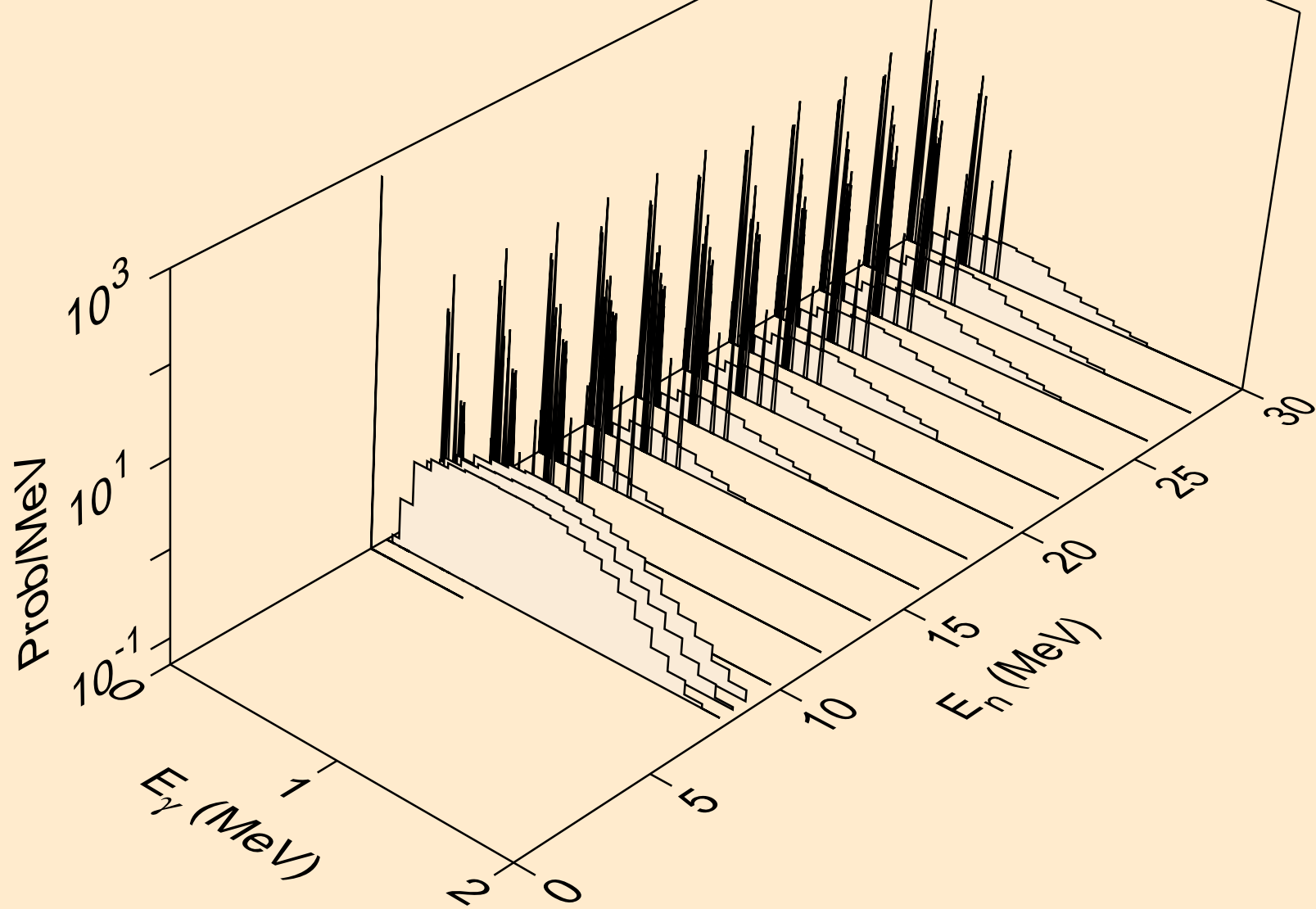
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pd)



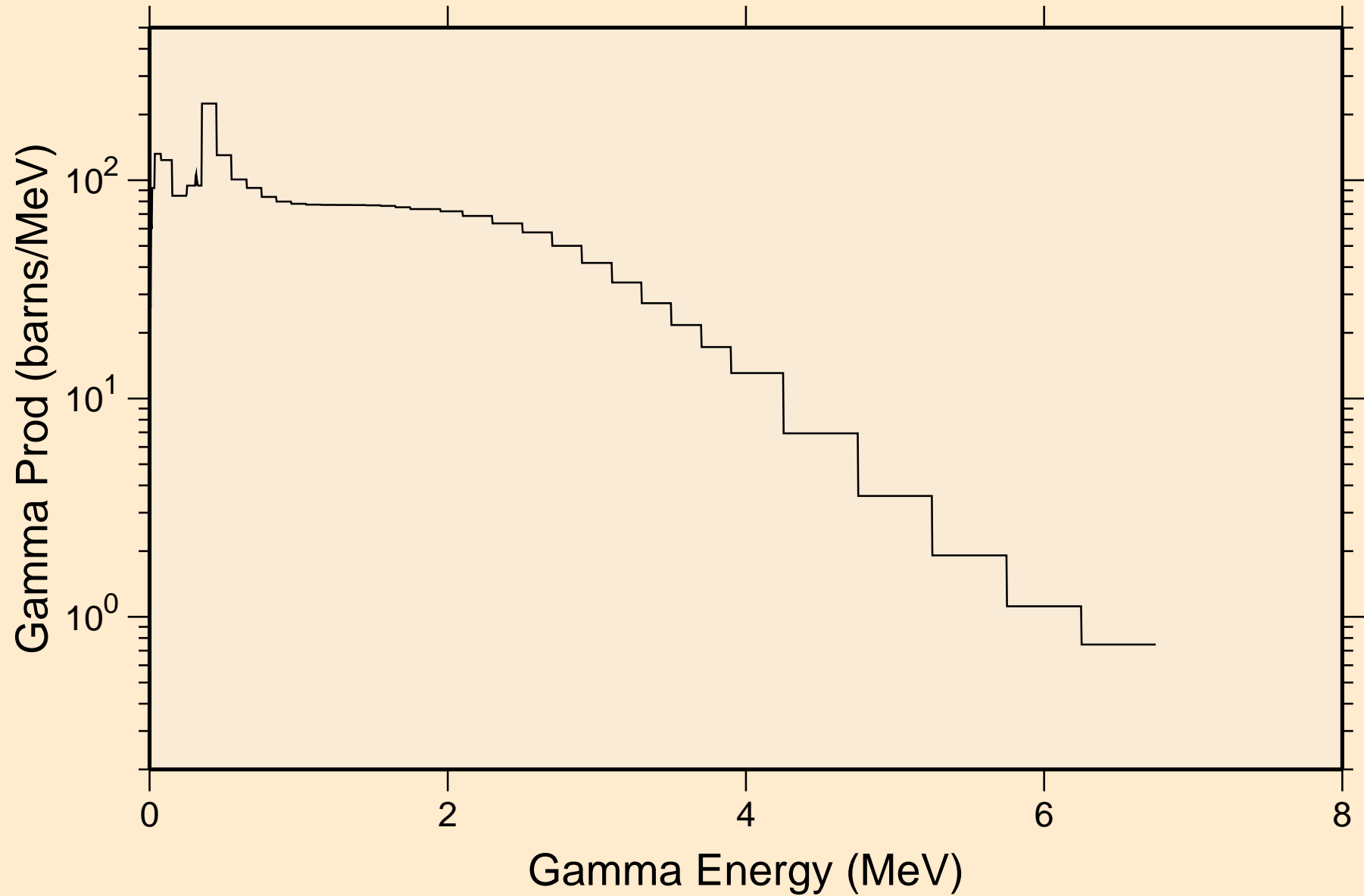
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pt)



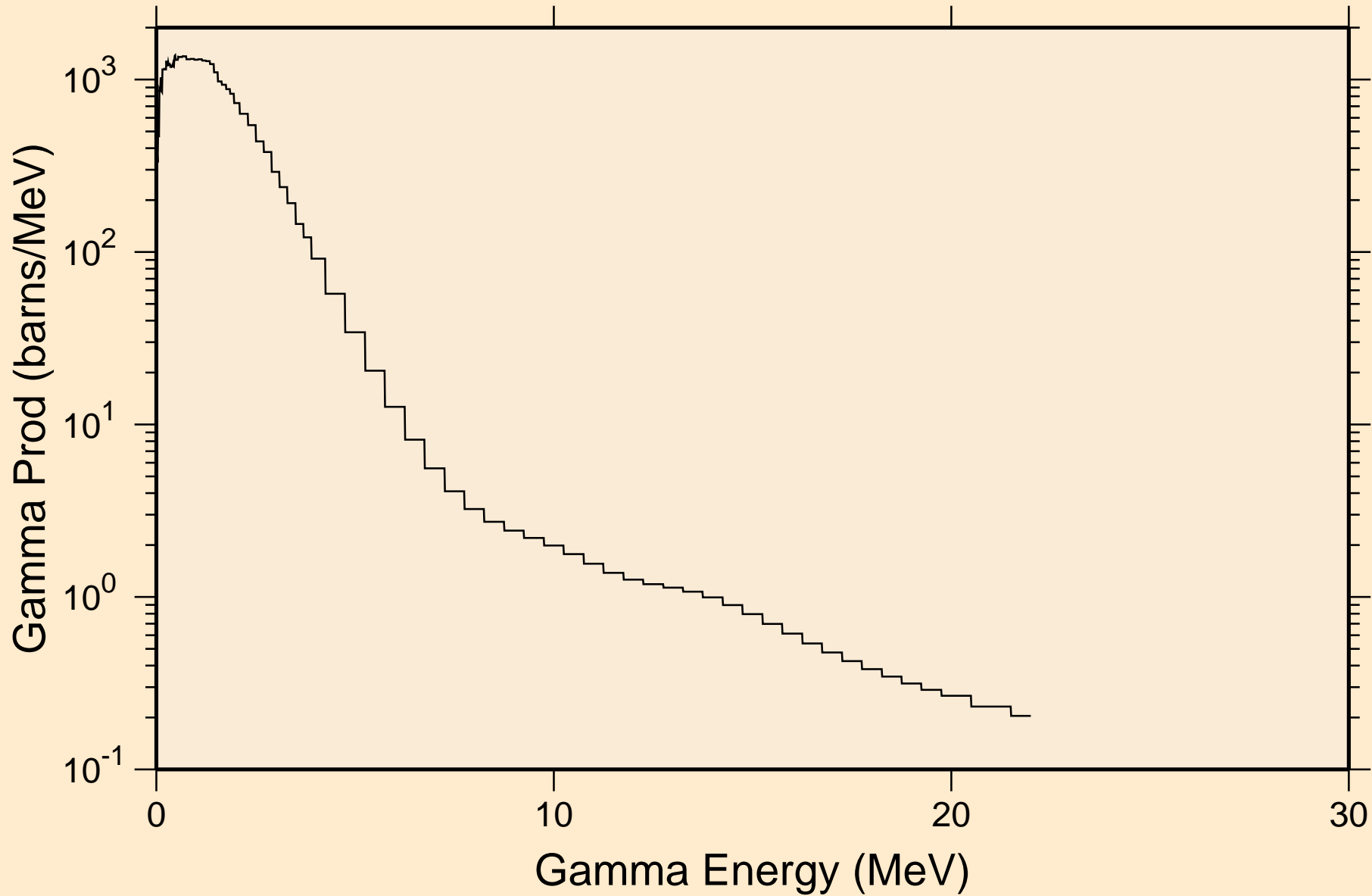
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,da)



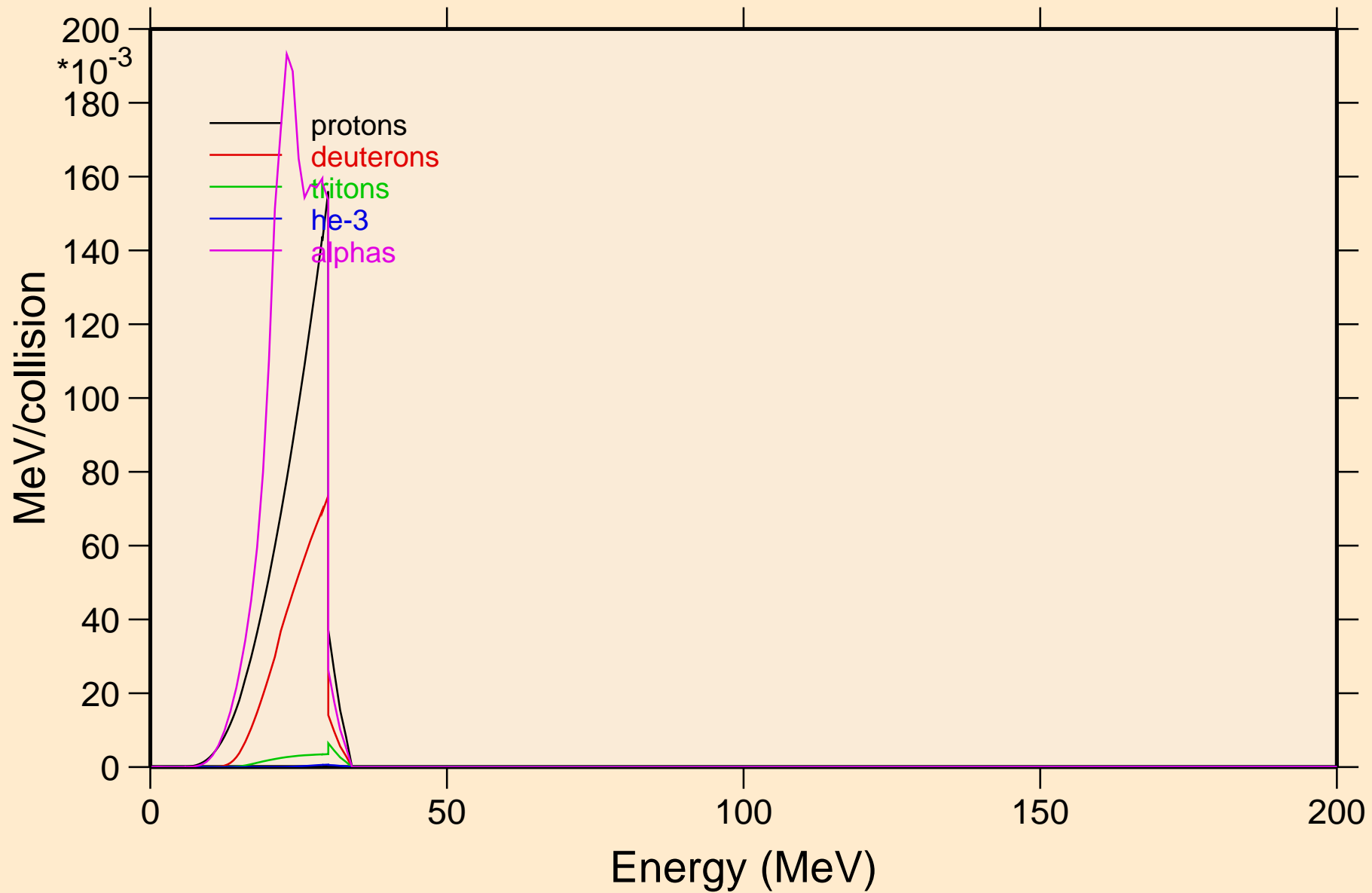
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
thermal capture photon spectrum



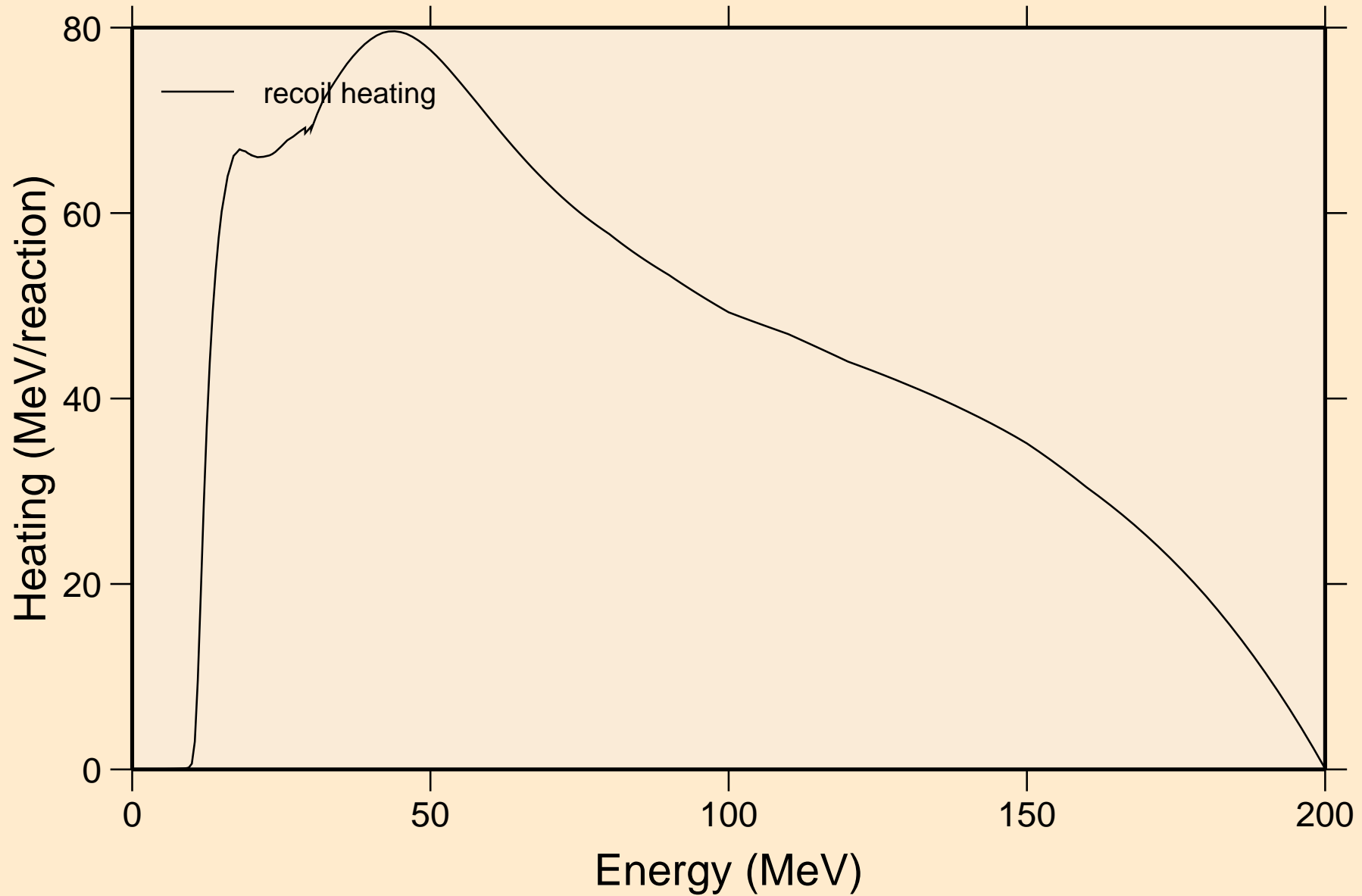
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
14 MeV photon spectrum



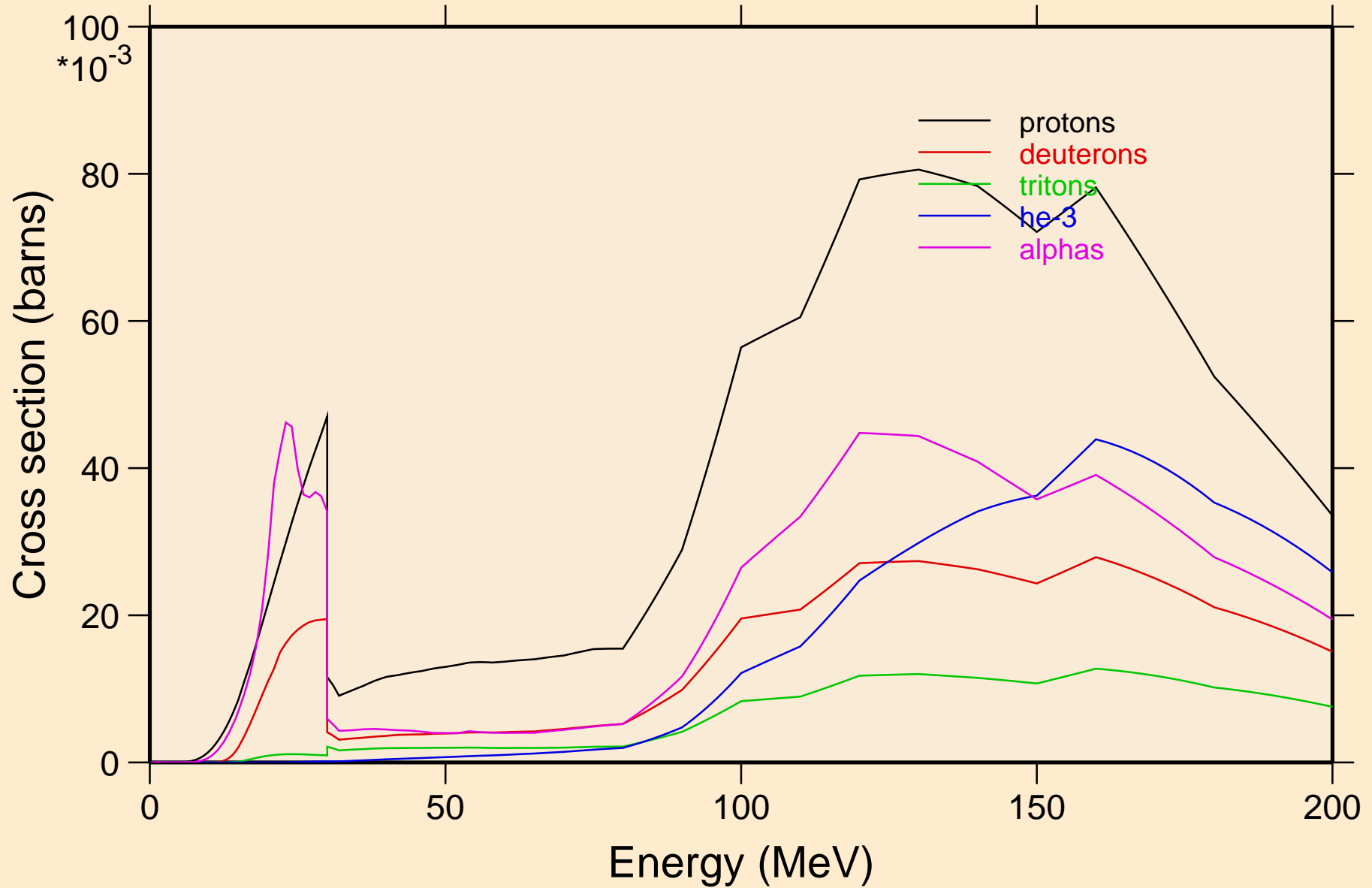
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Particle heating contributions



MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Recoil Heating

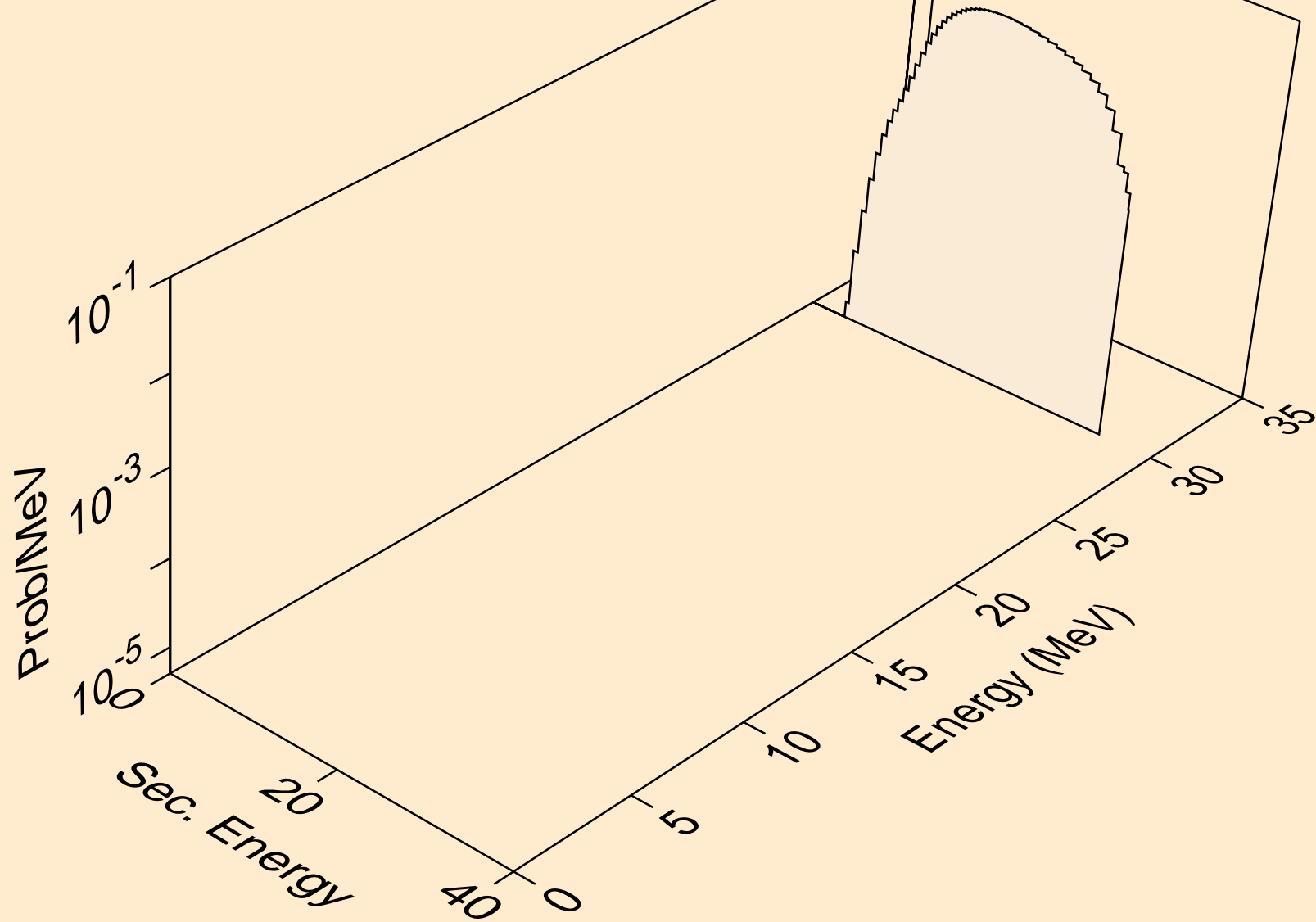


MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Particle production cross sections

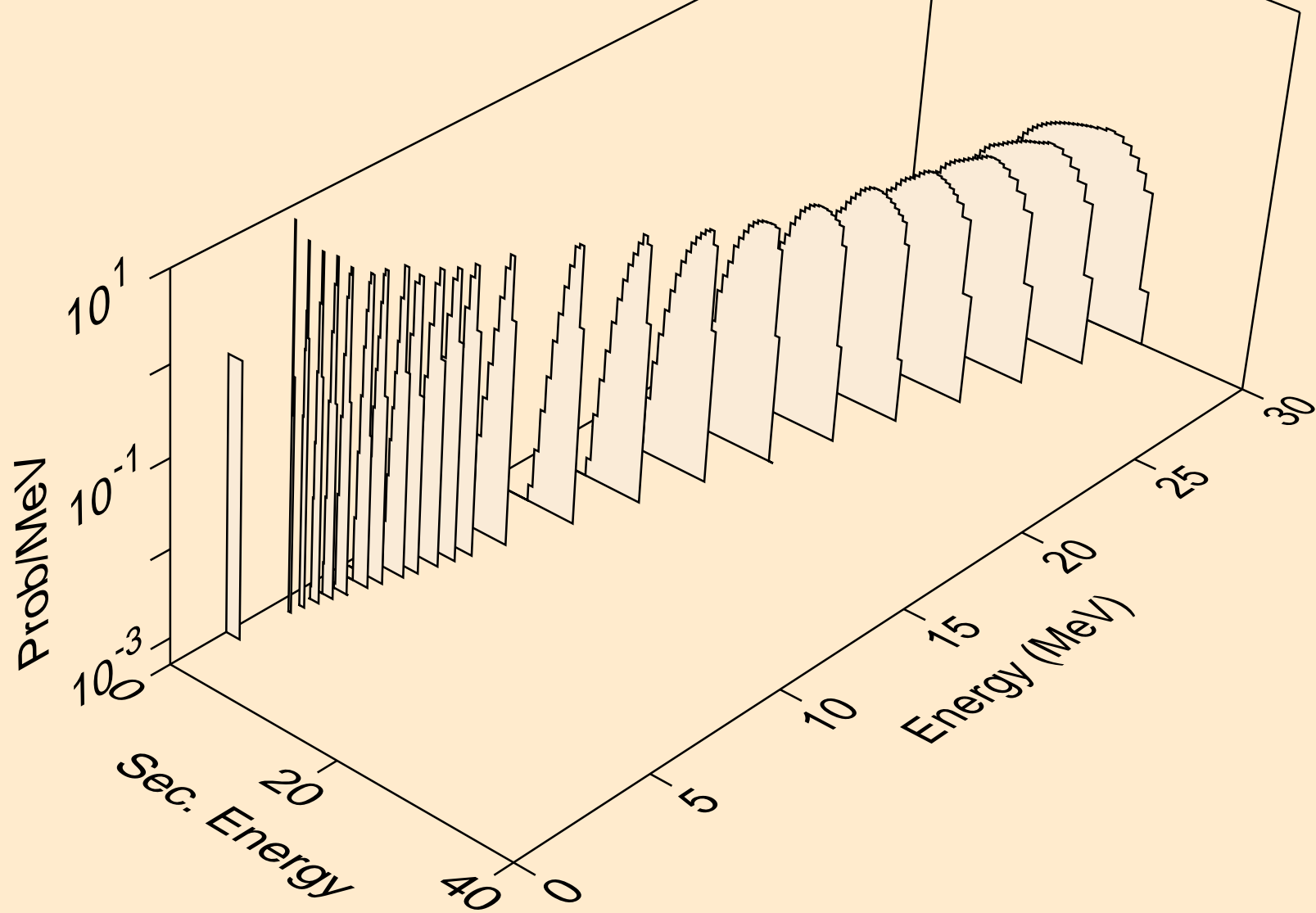




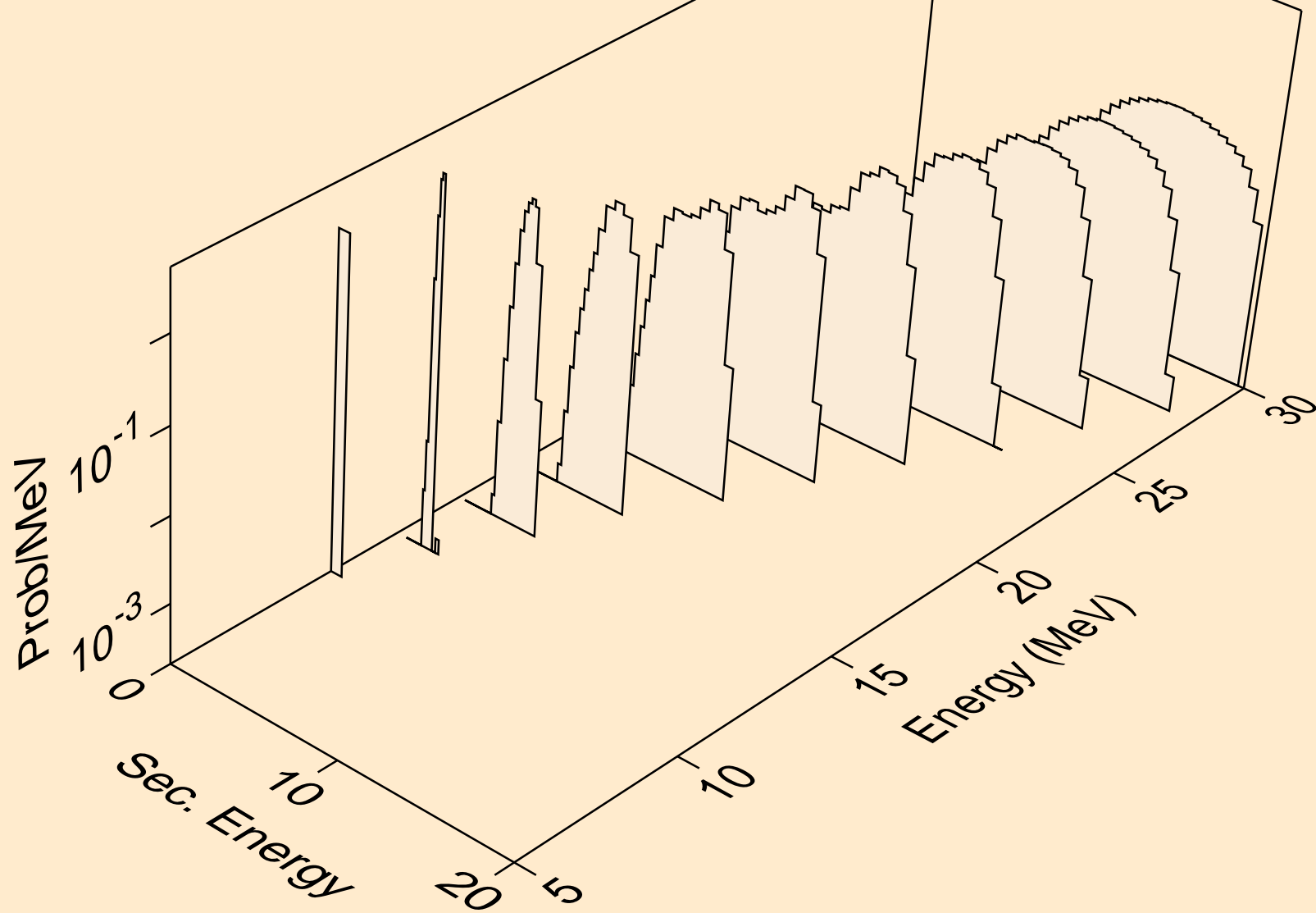
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)



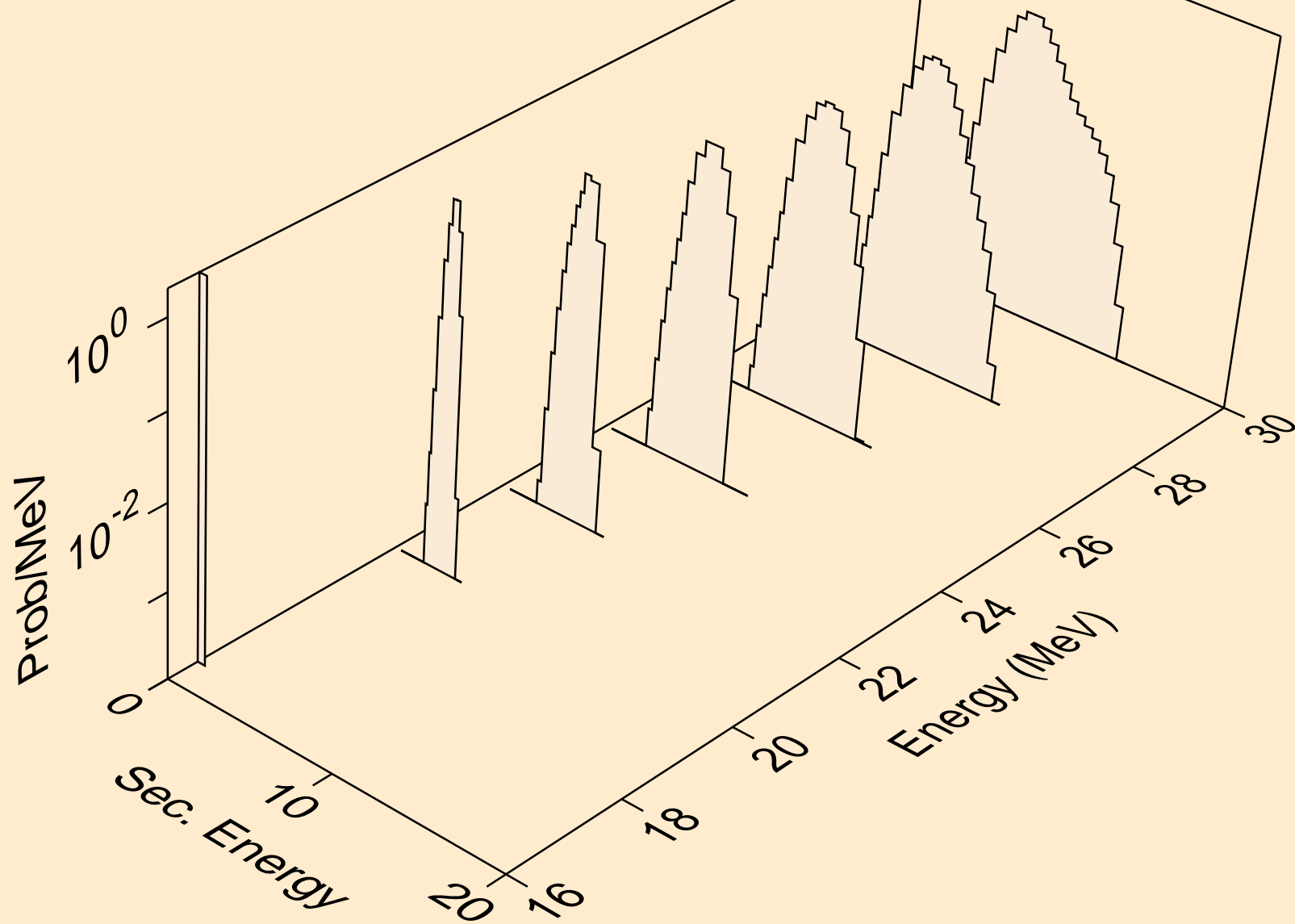
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,n\*)p



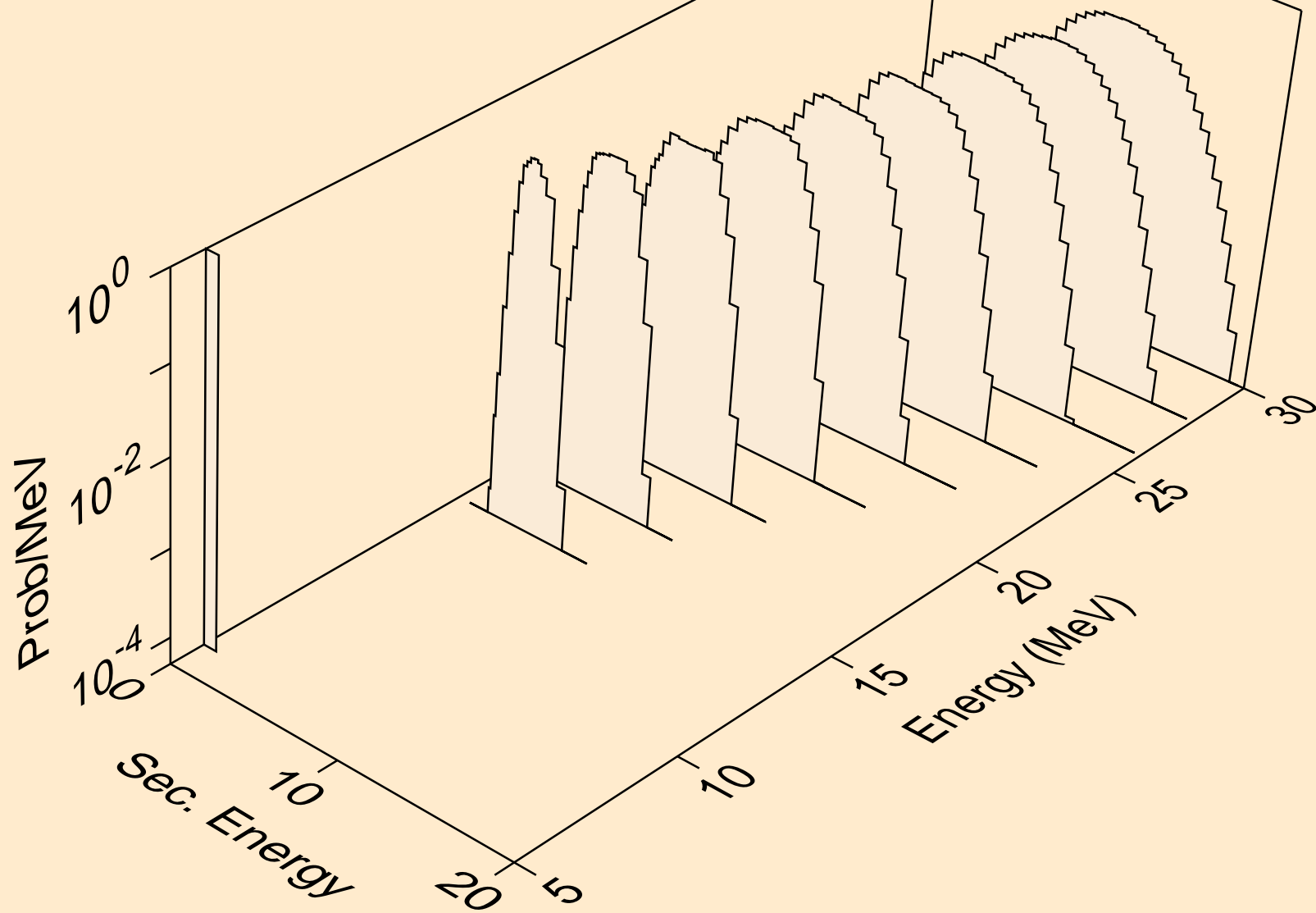
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protons from (n,2np)



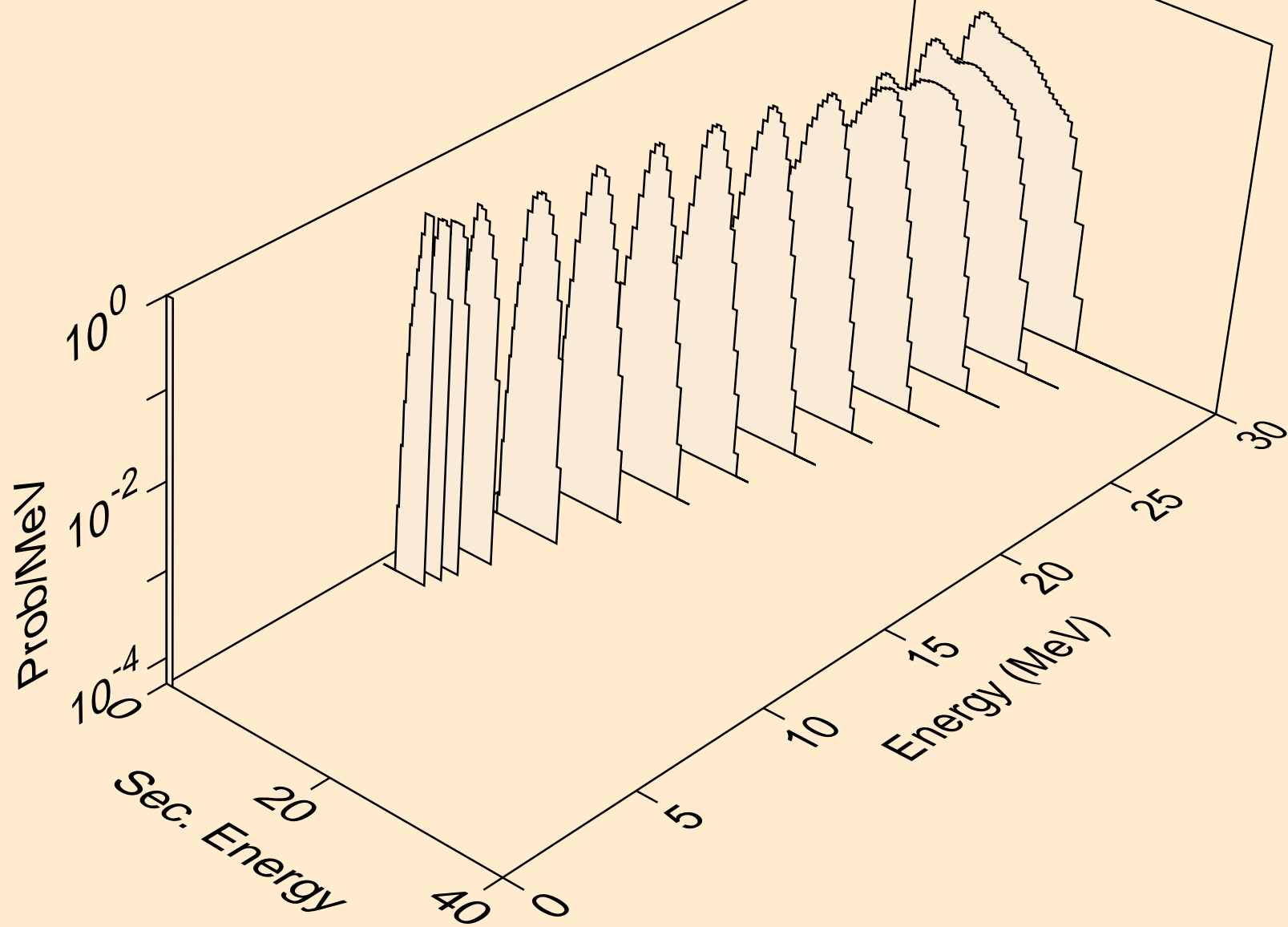
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protons from (n,3np)



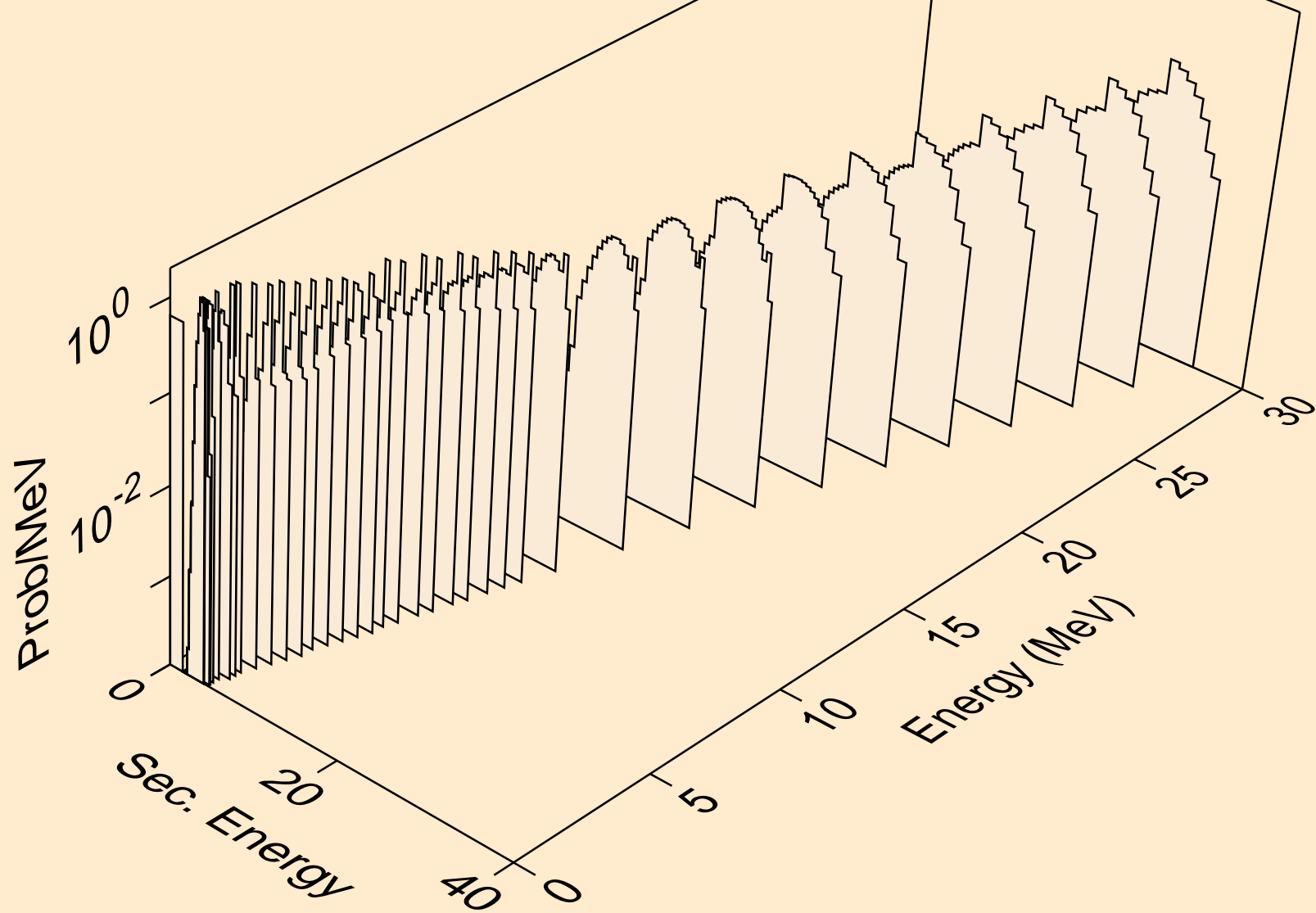
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2np)



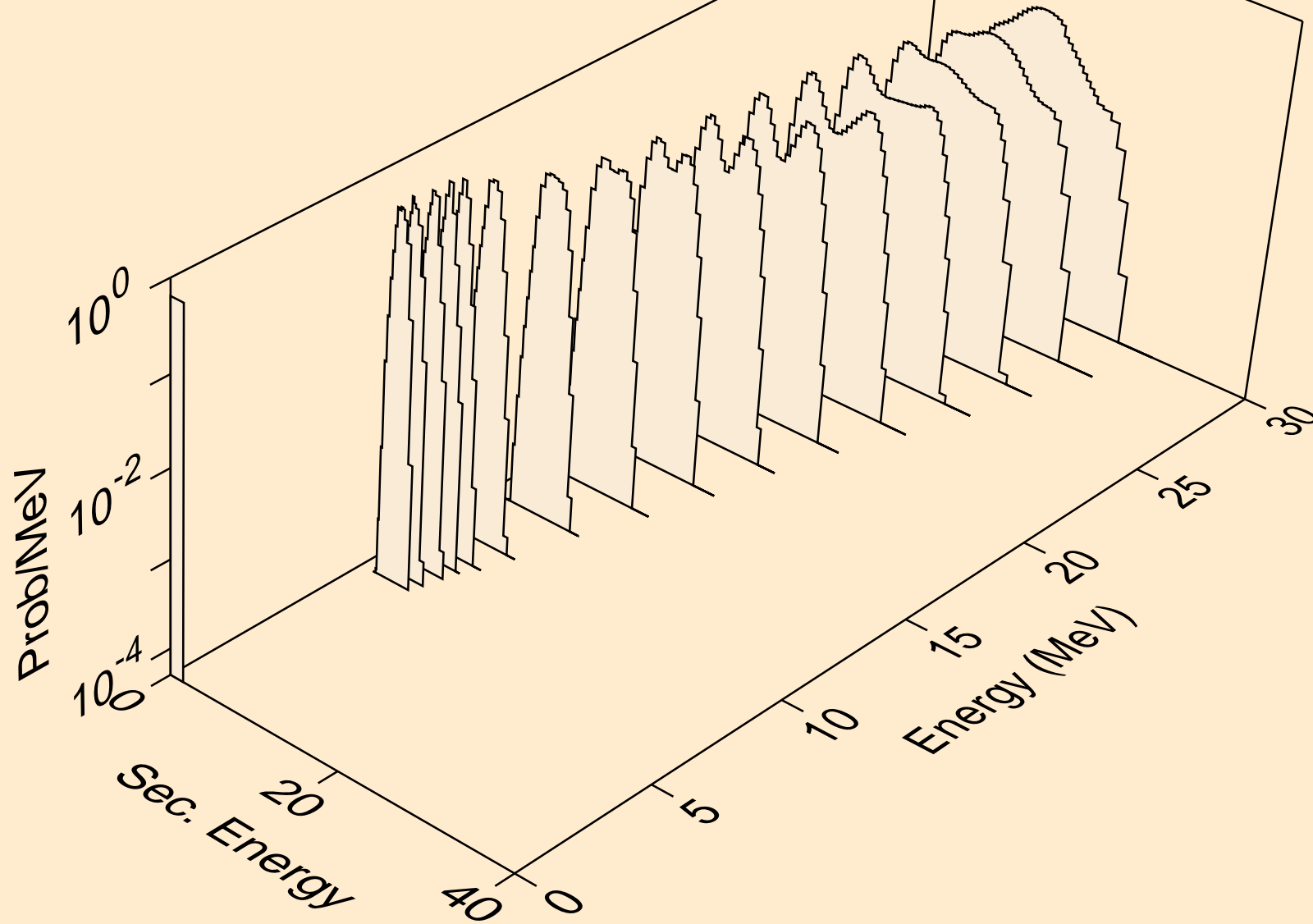
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,npa)



MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,p)

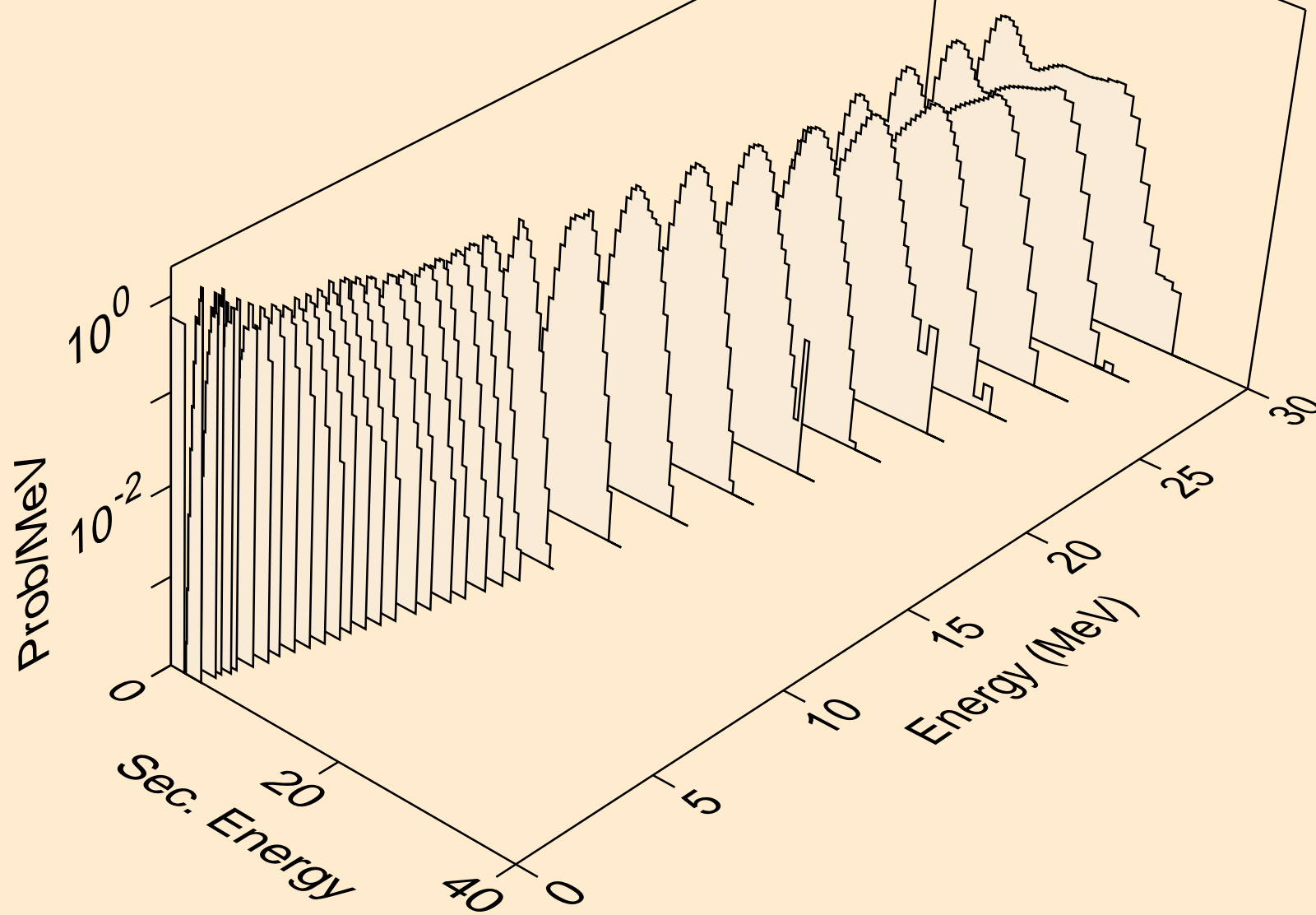


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protons from (n,2p)

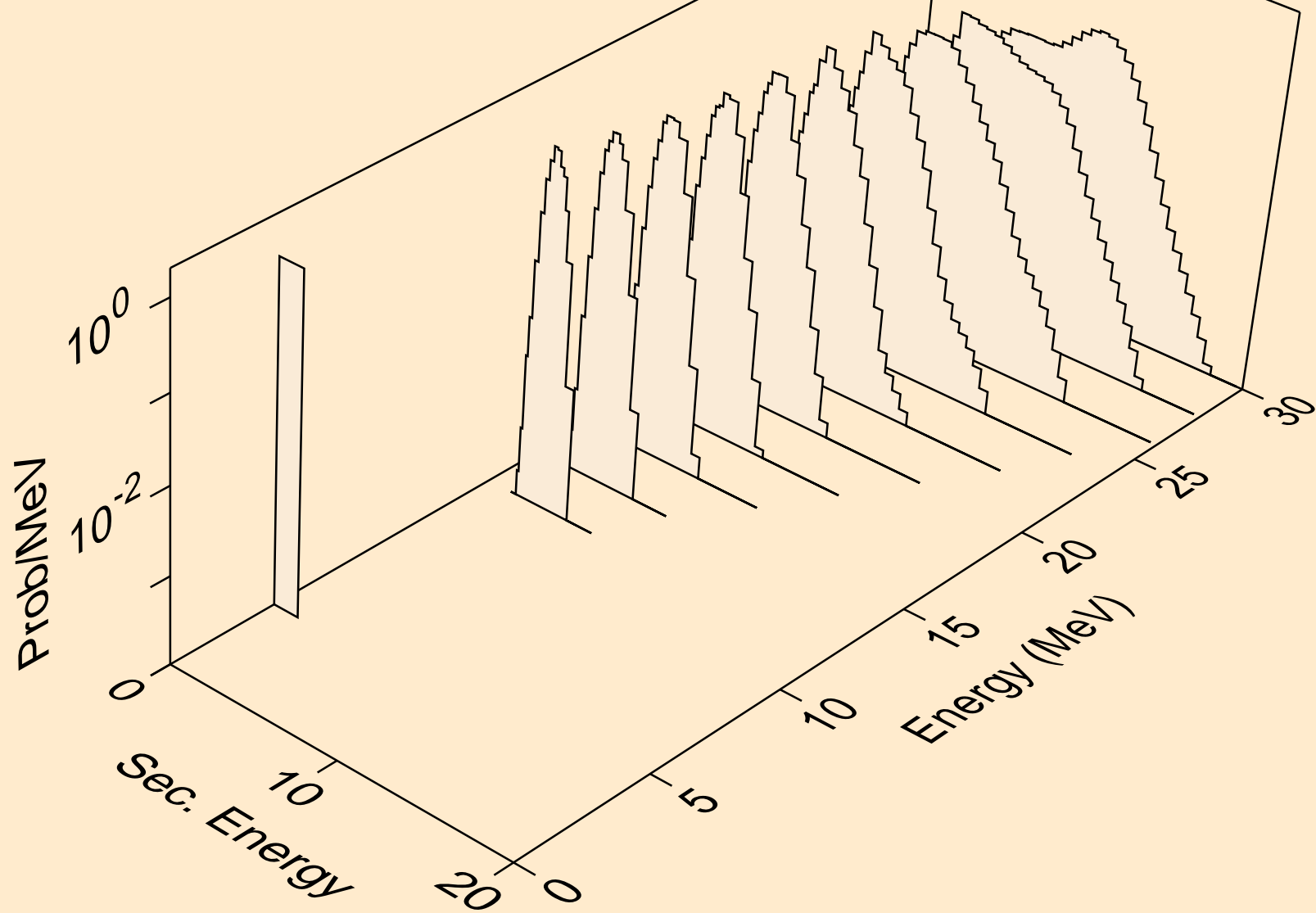




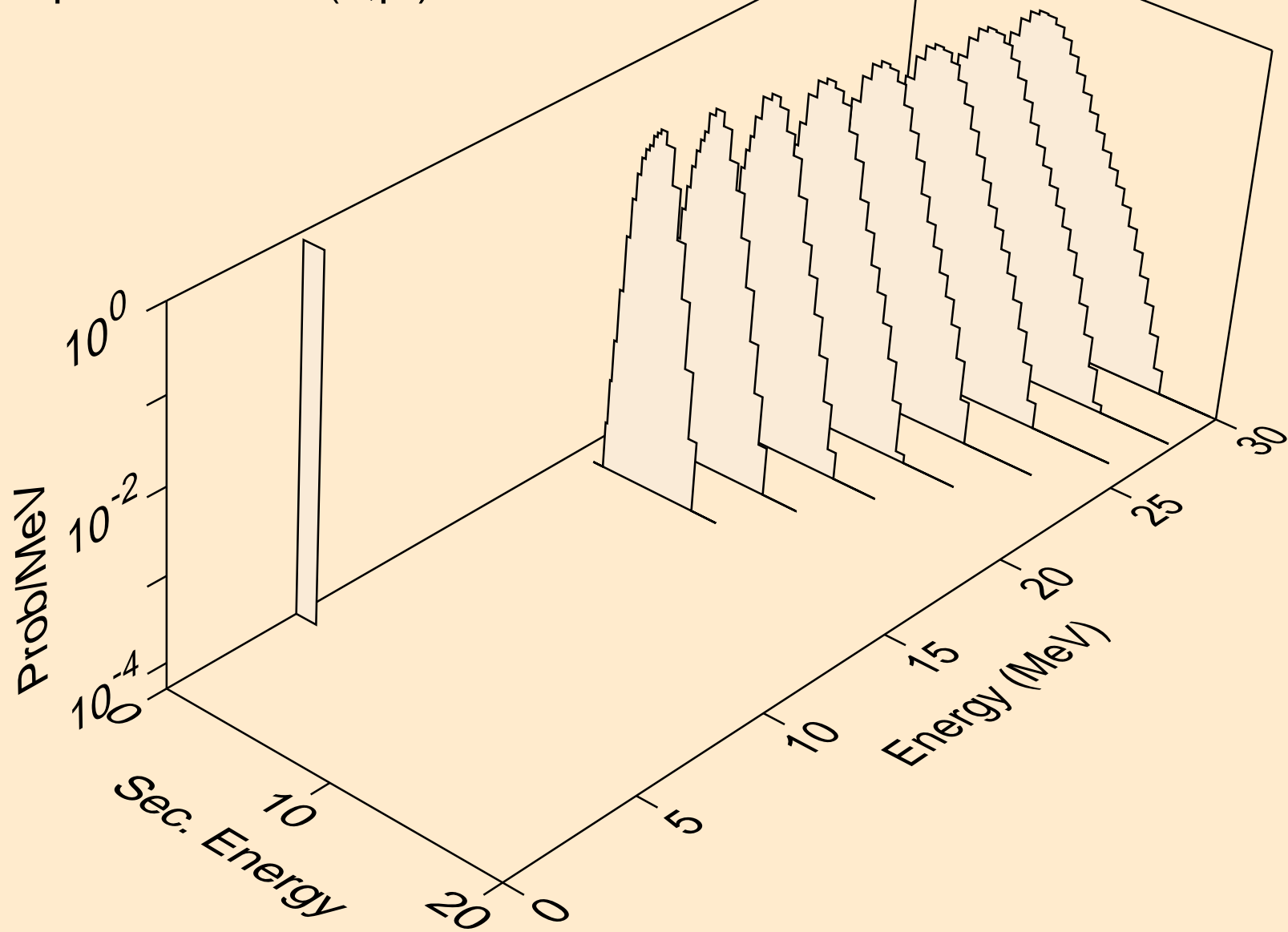
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protons from (n,p)



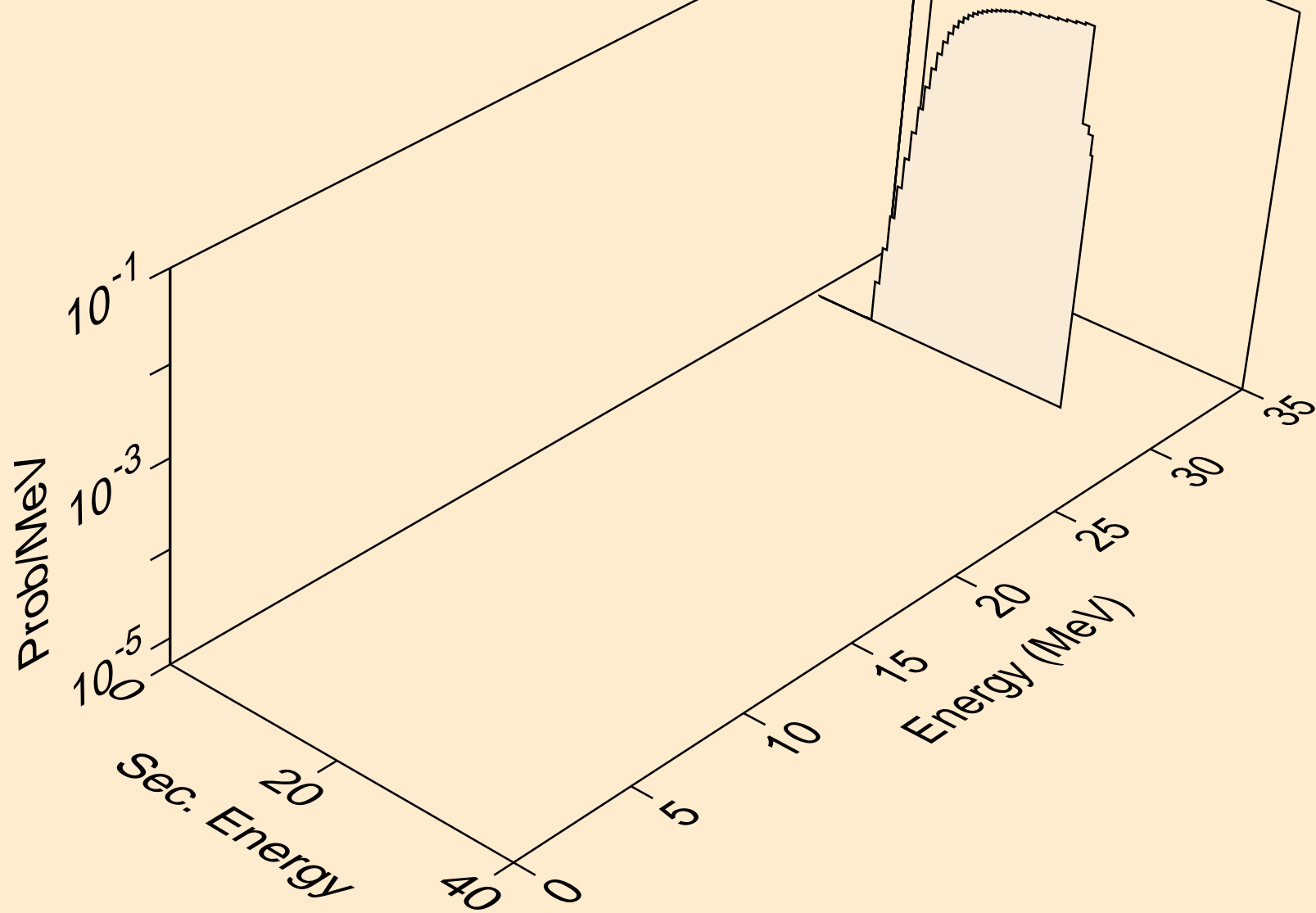
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protons from (n,pd)



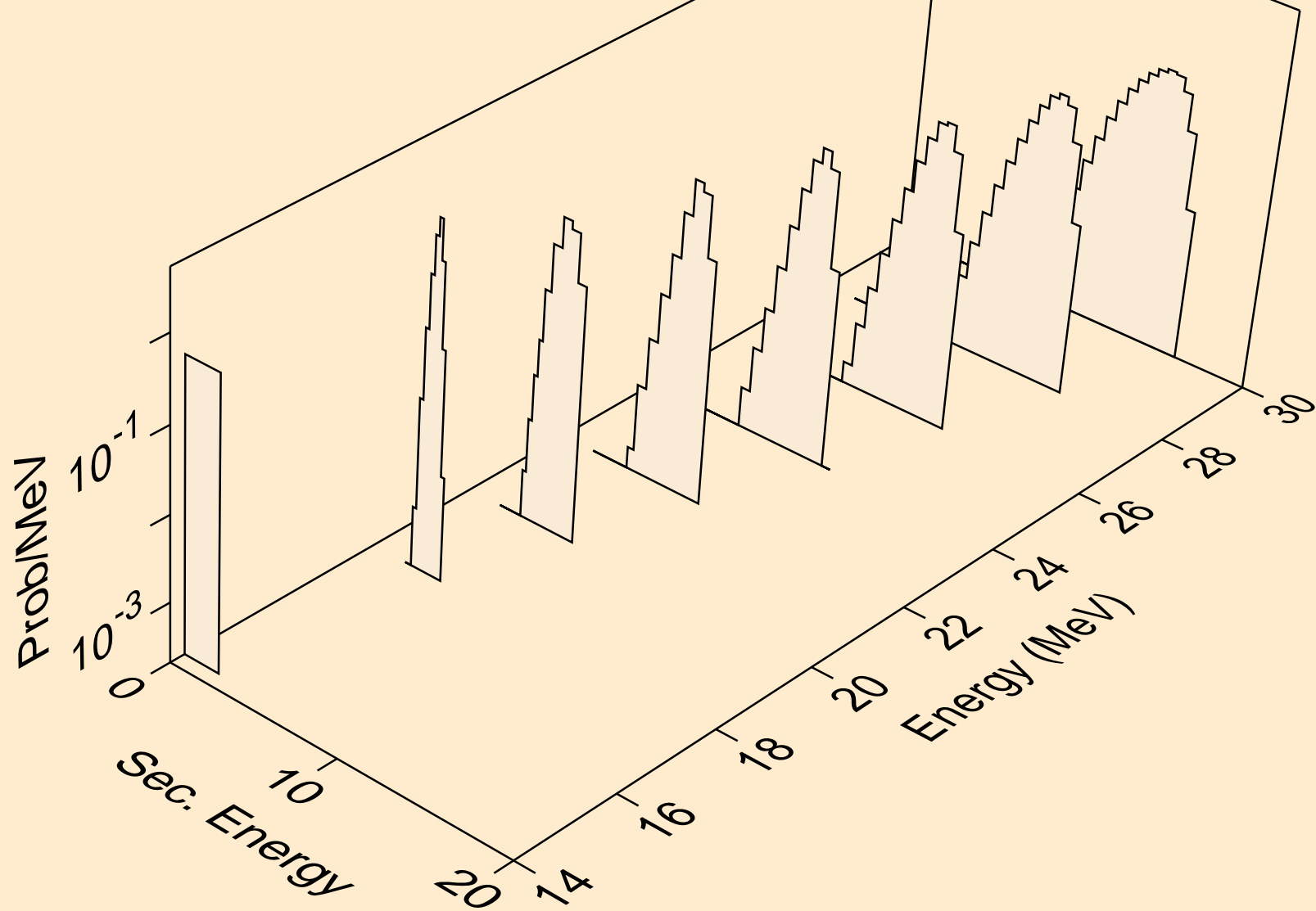
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,pt)



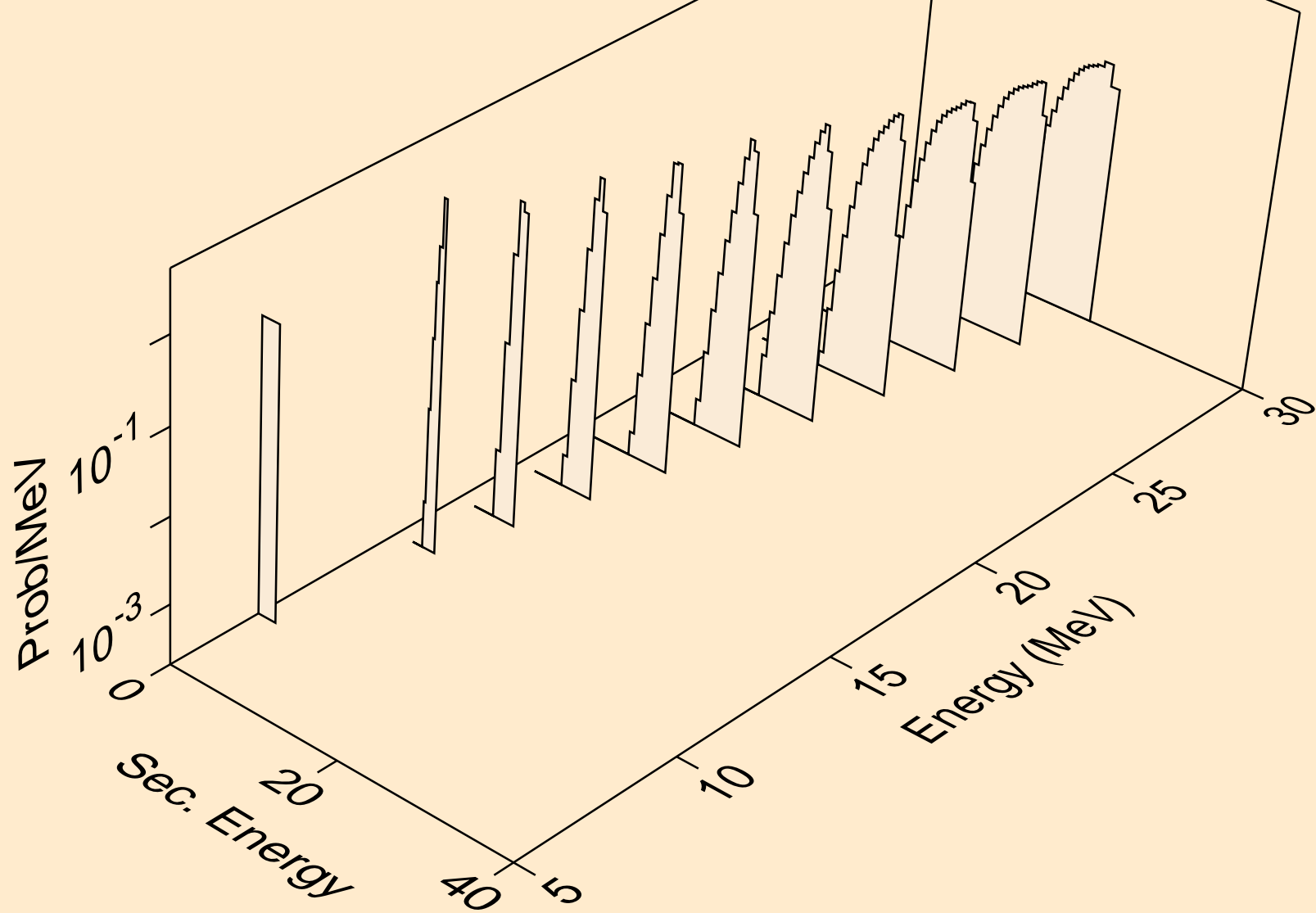
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,x)



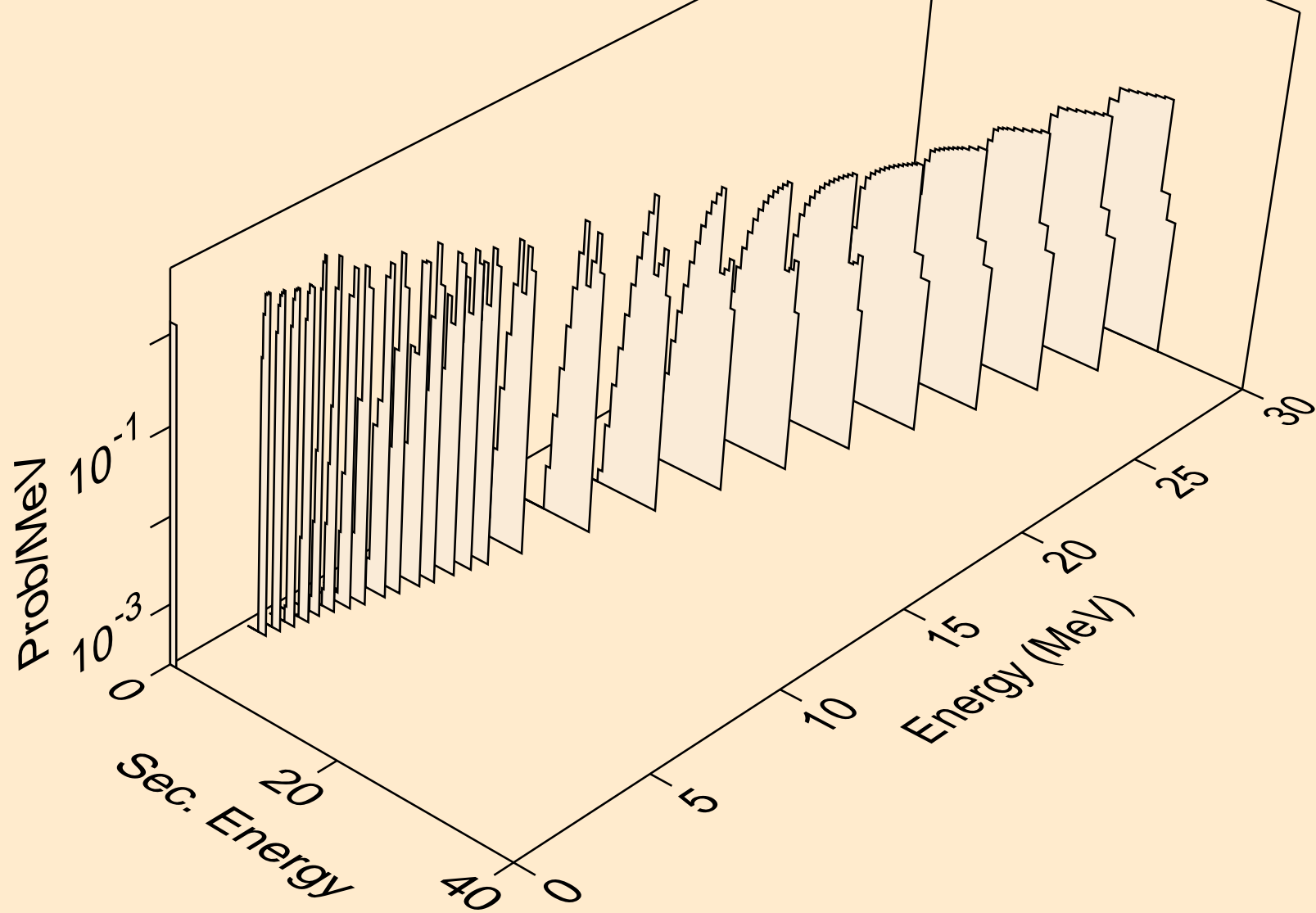
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,2nd)



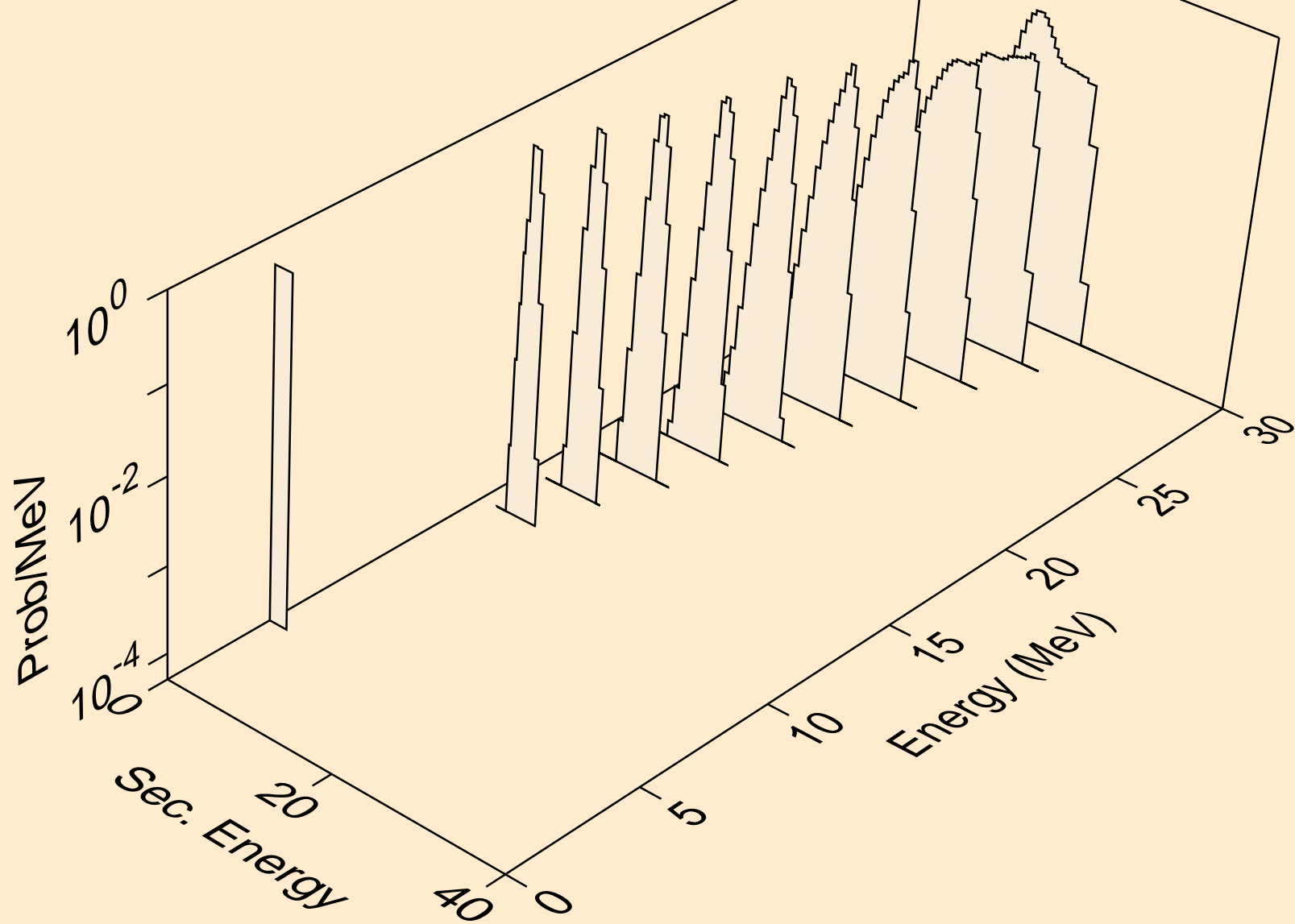
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,n\*)d



MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,d)

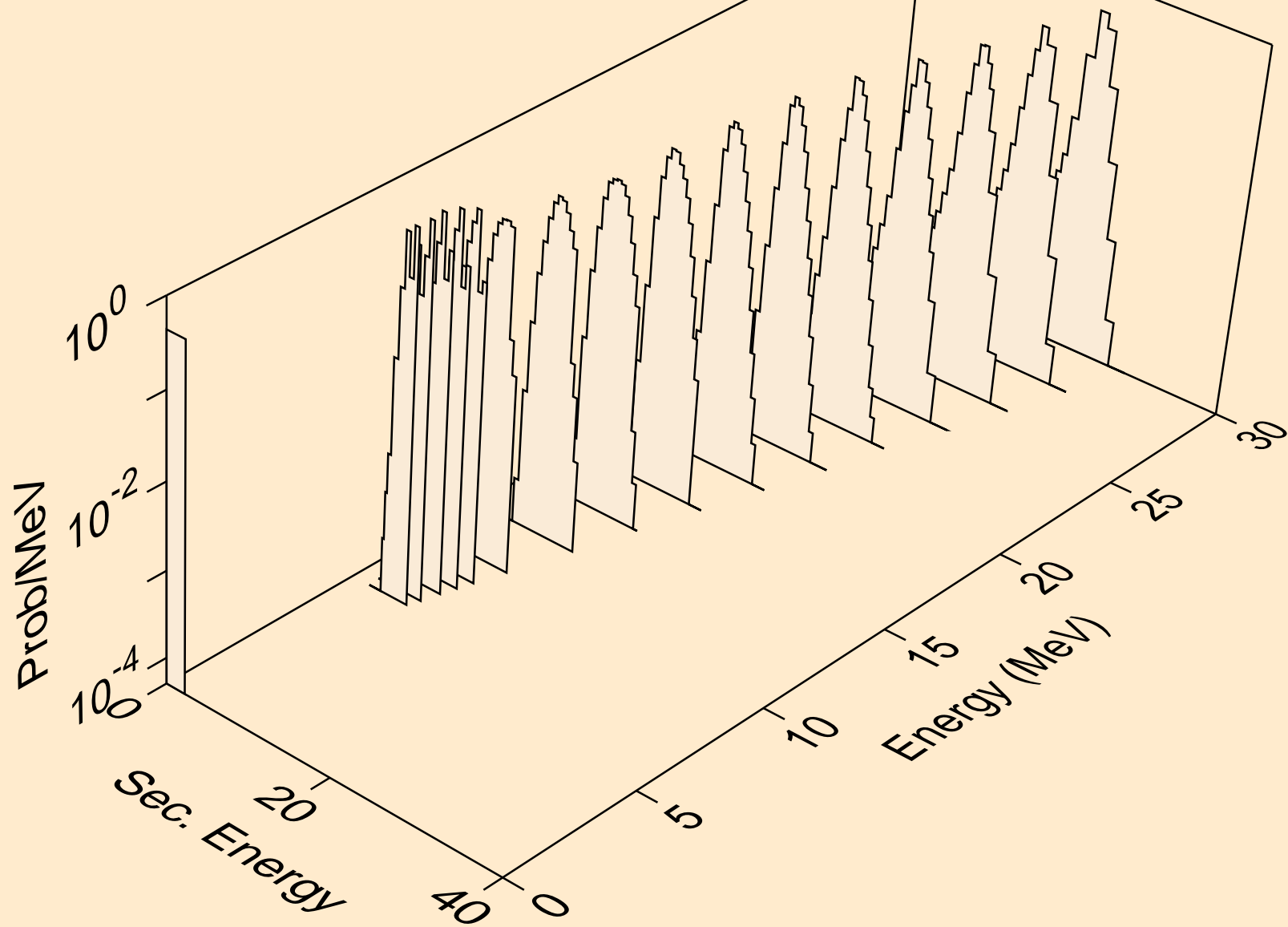


MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,pd)

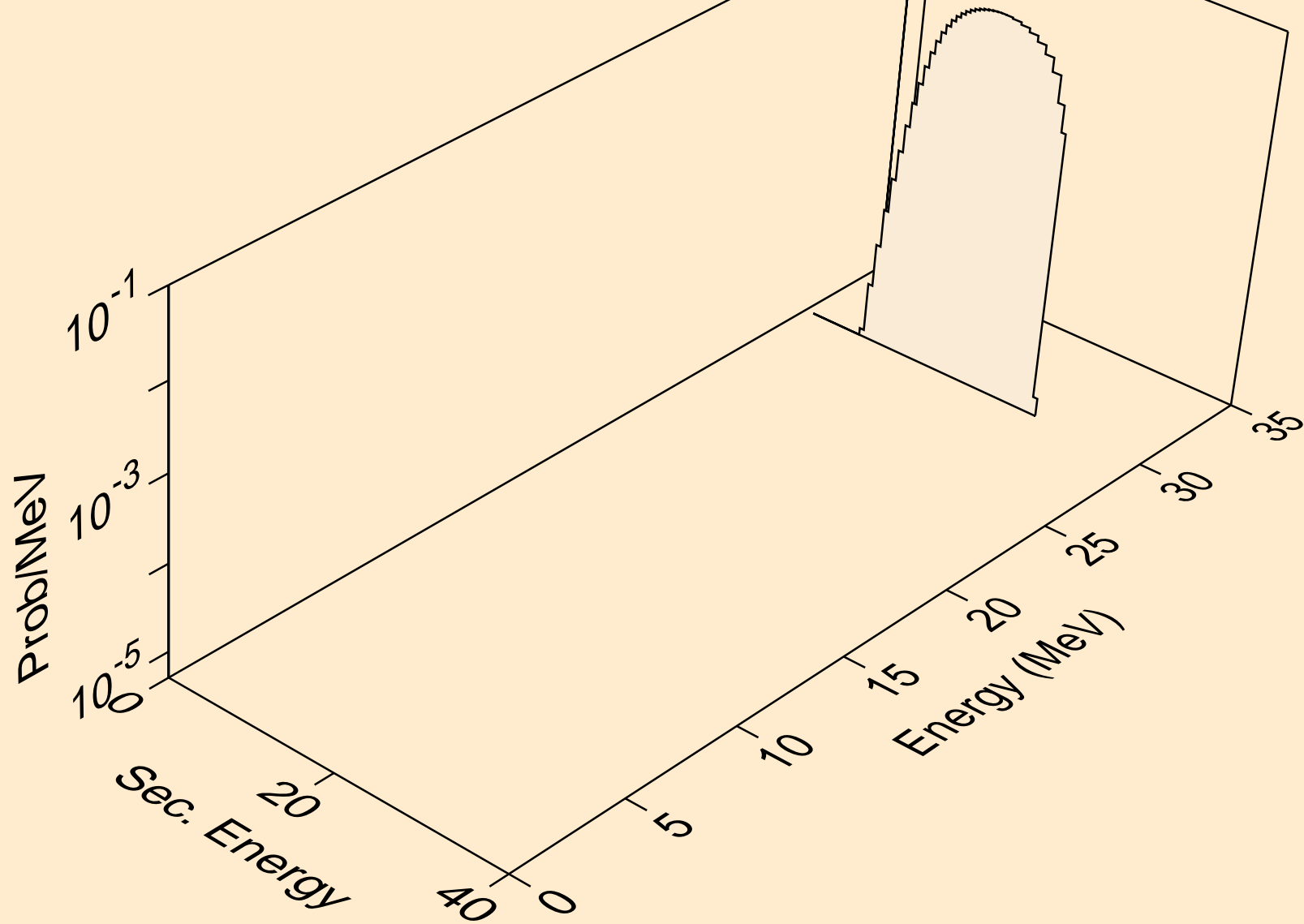




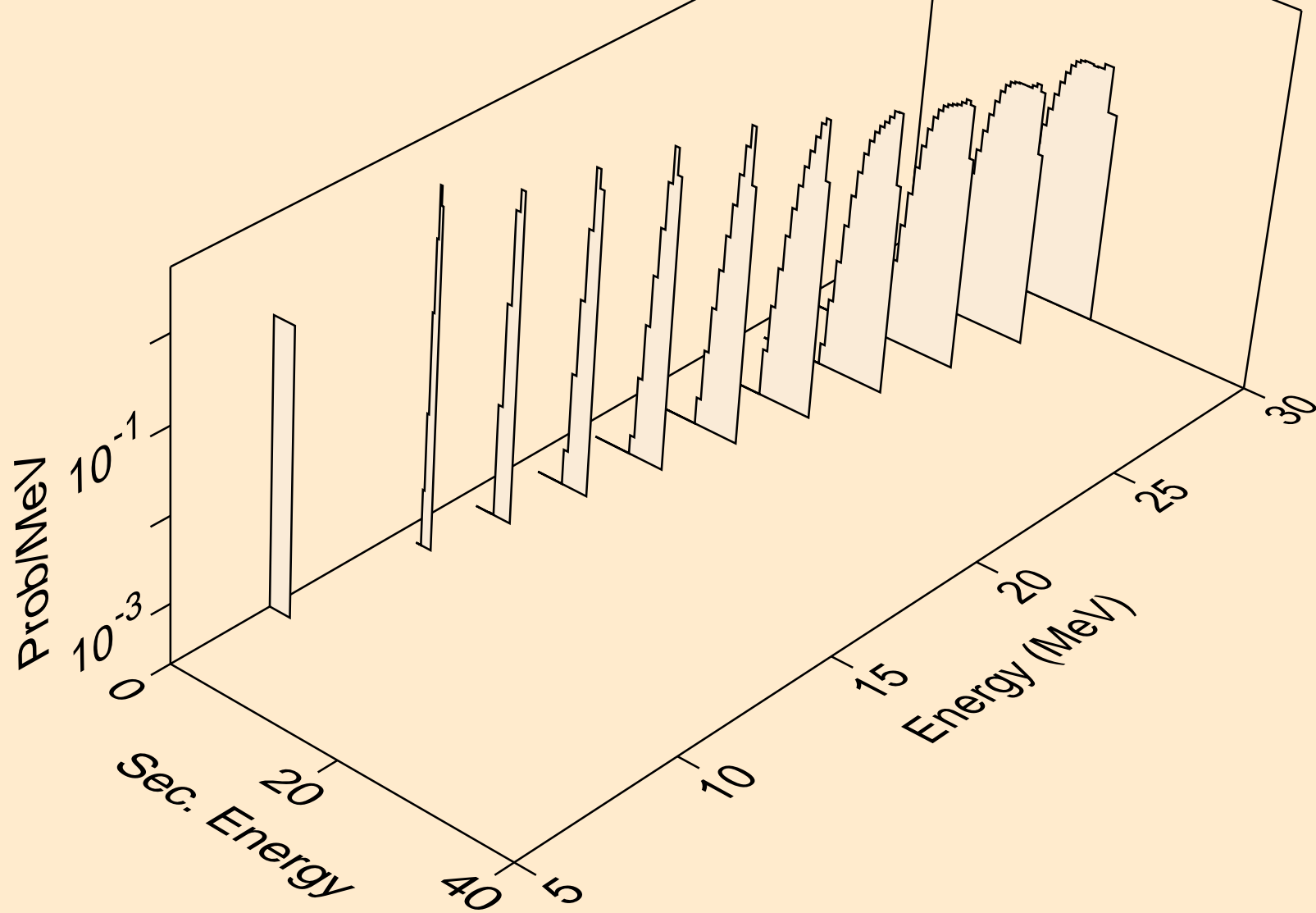
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,da)



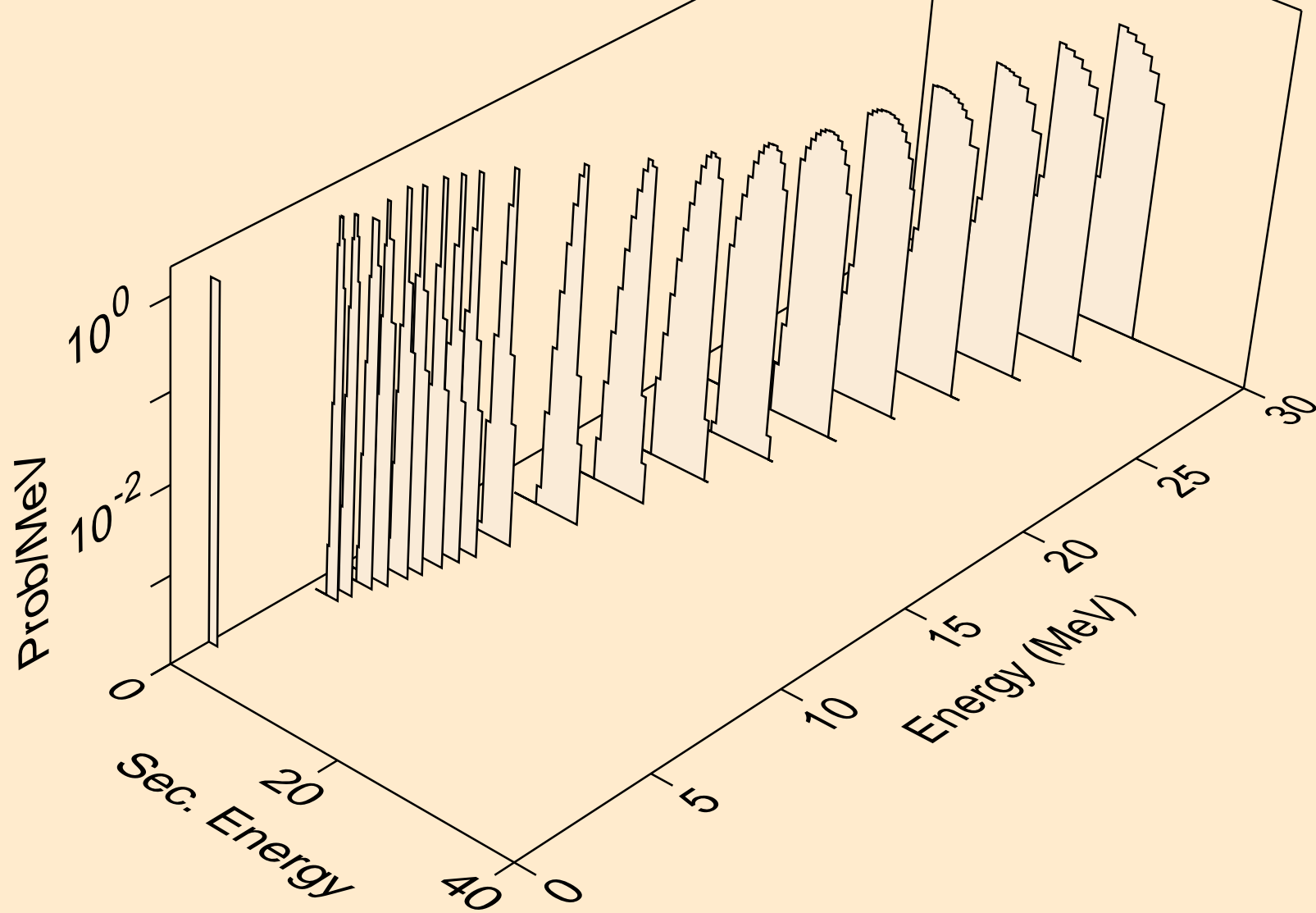
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,x)



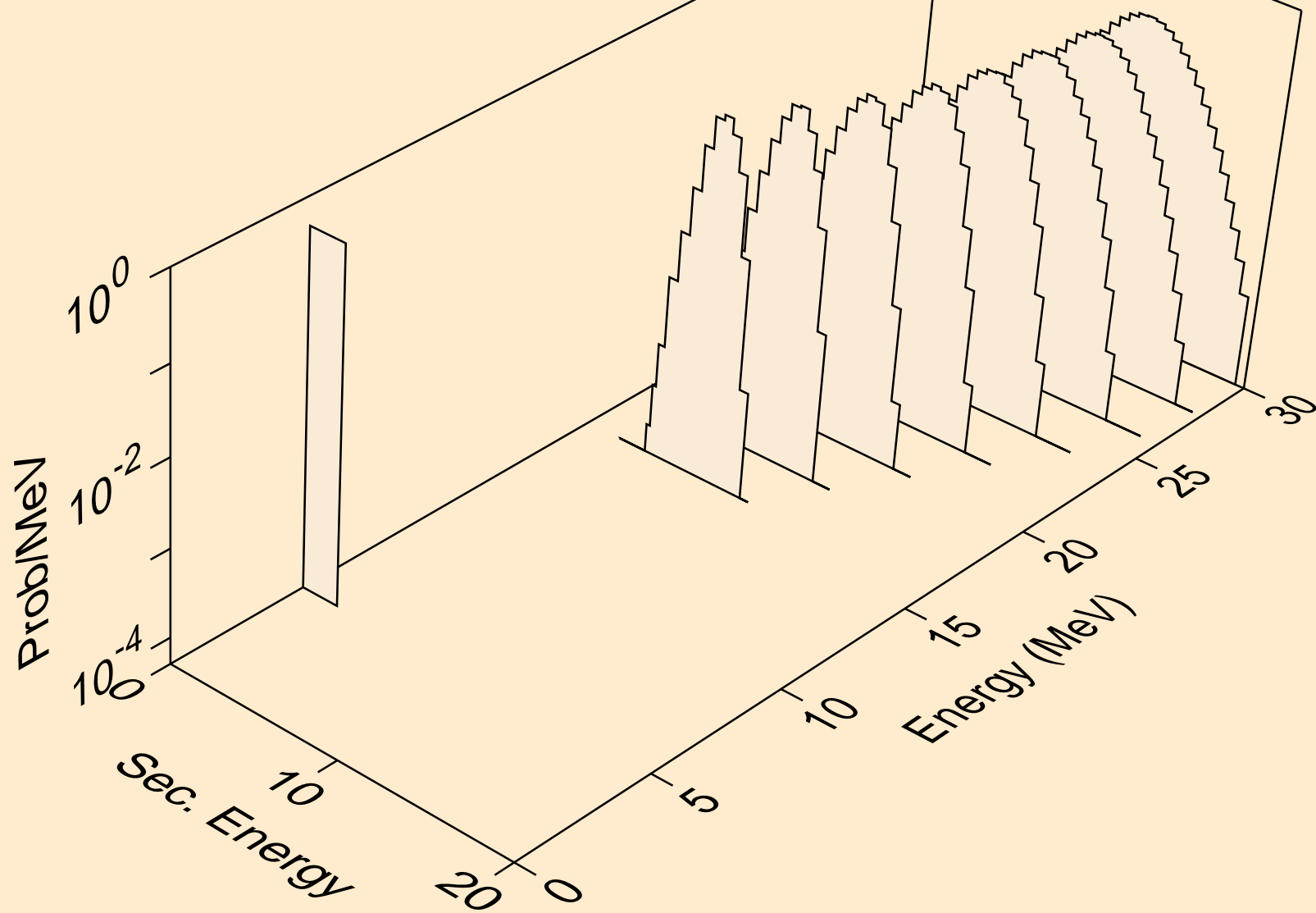
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,n\*)t



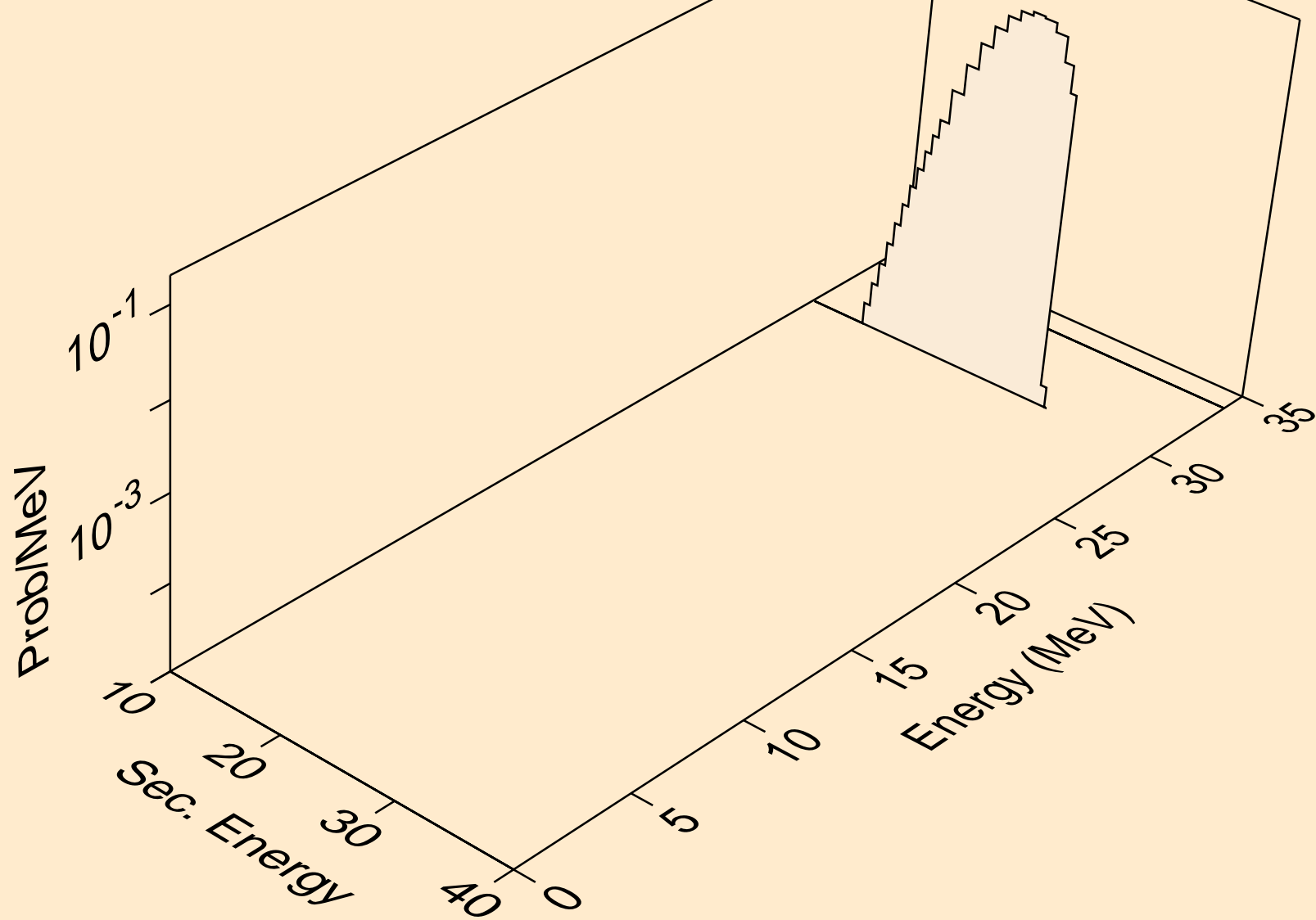
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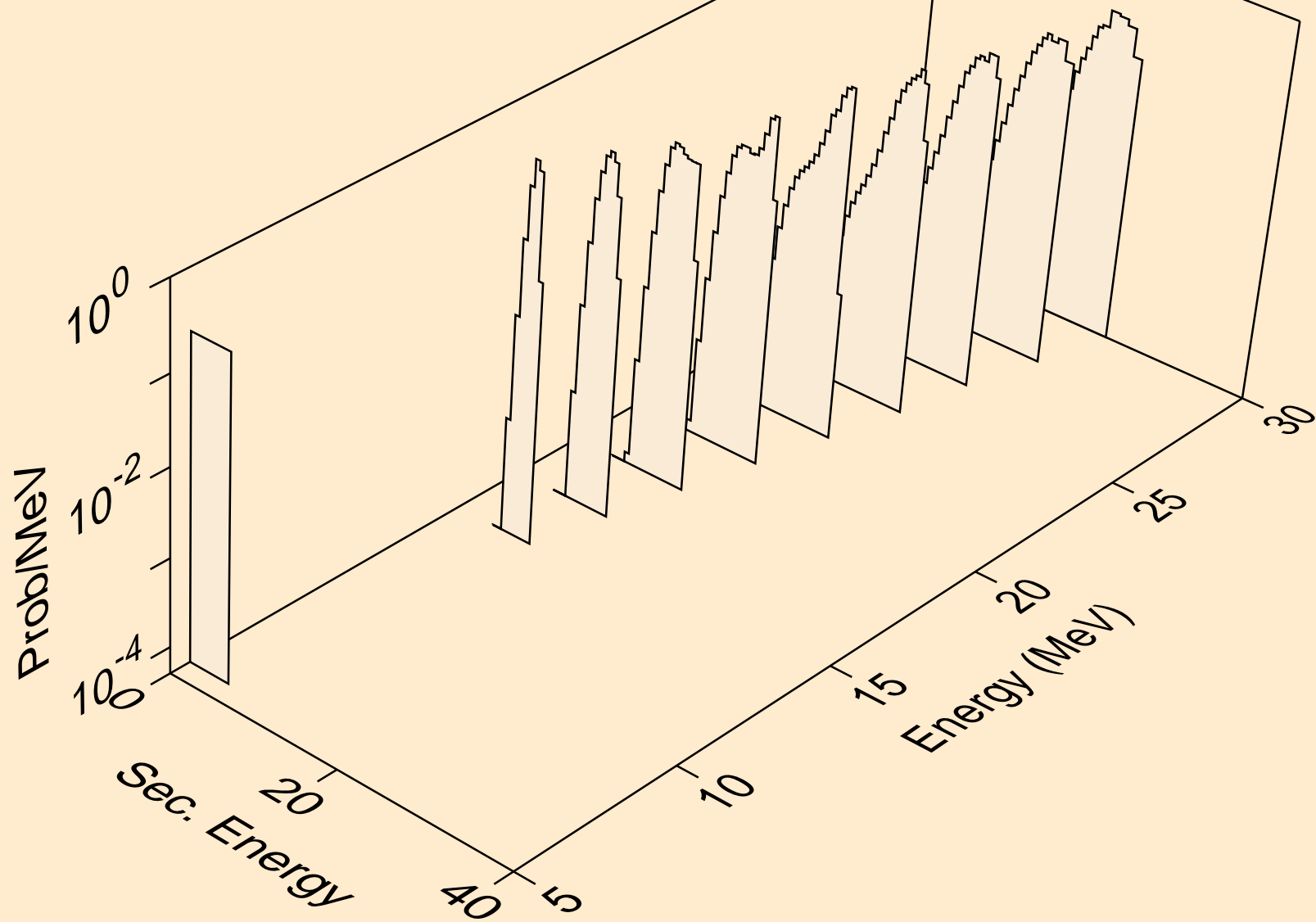
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,pt)



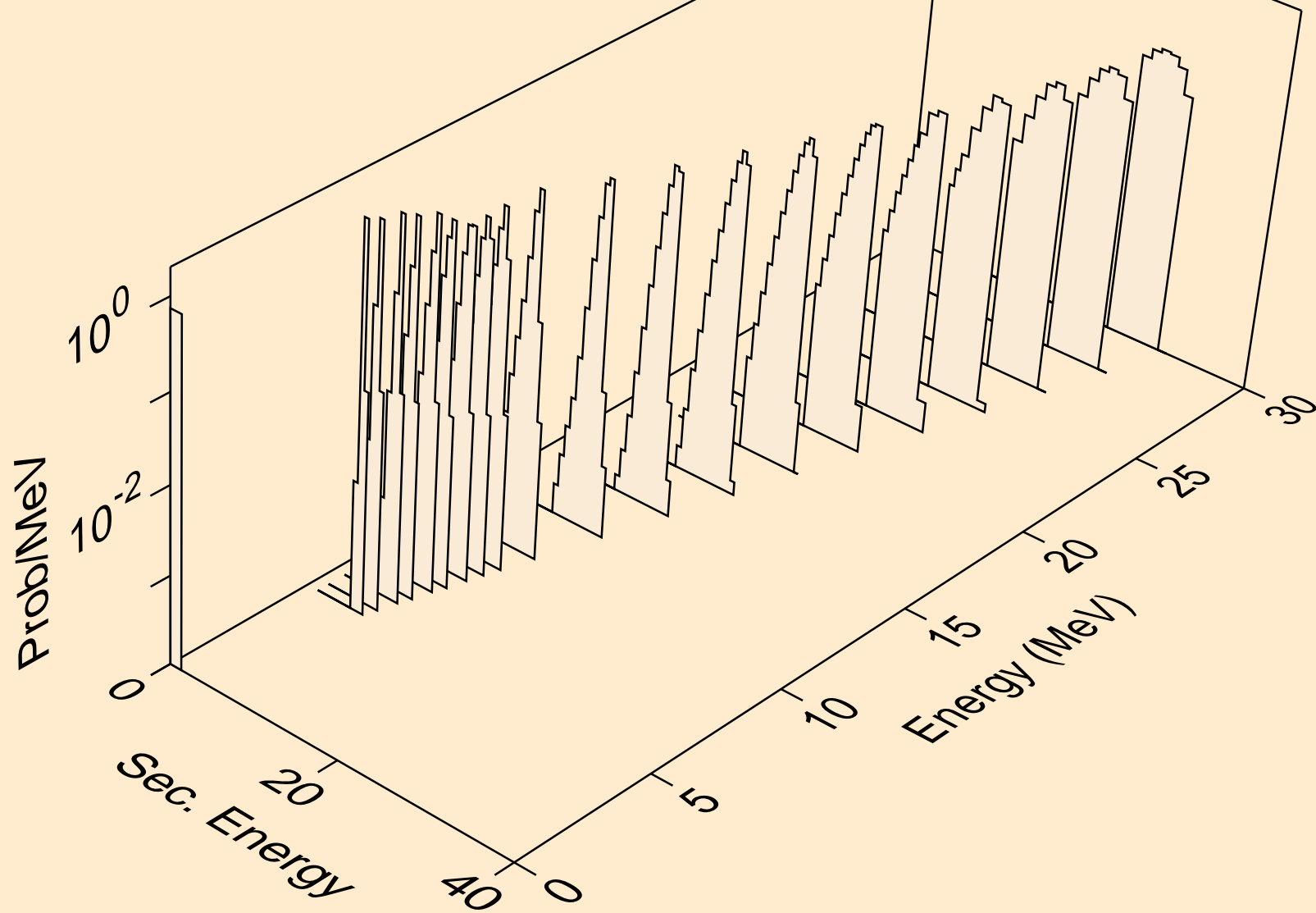
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,x)



MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,n\*)he3

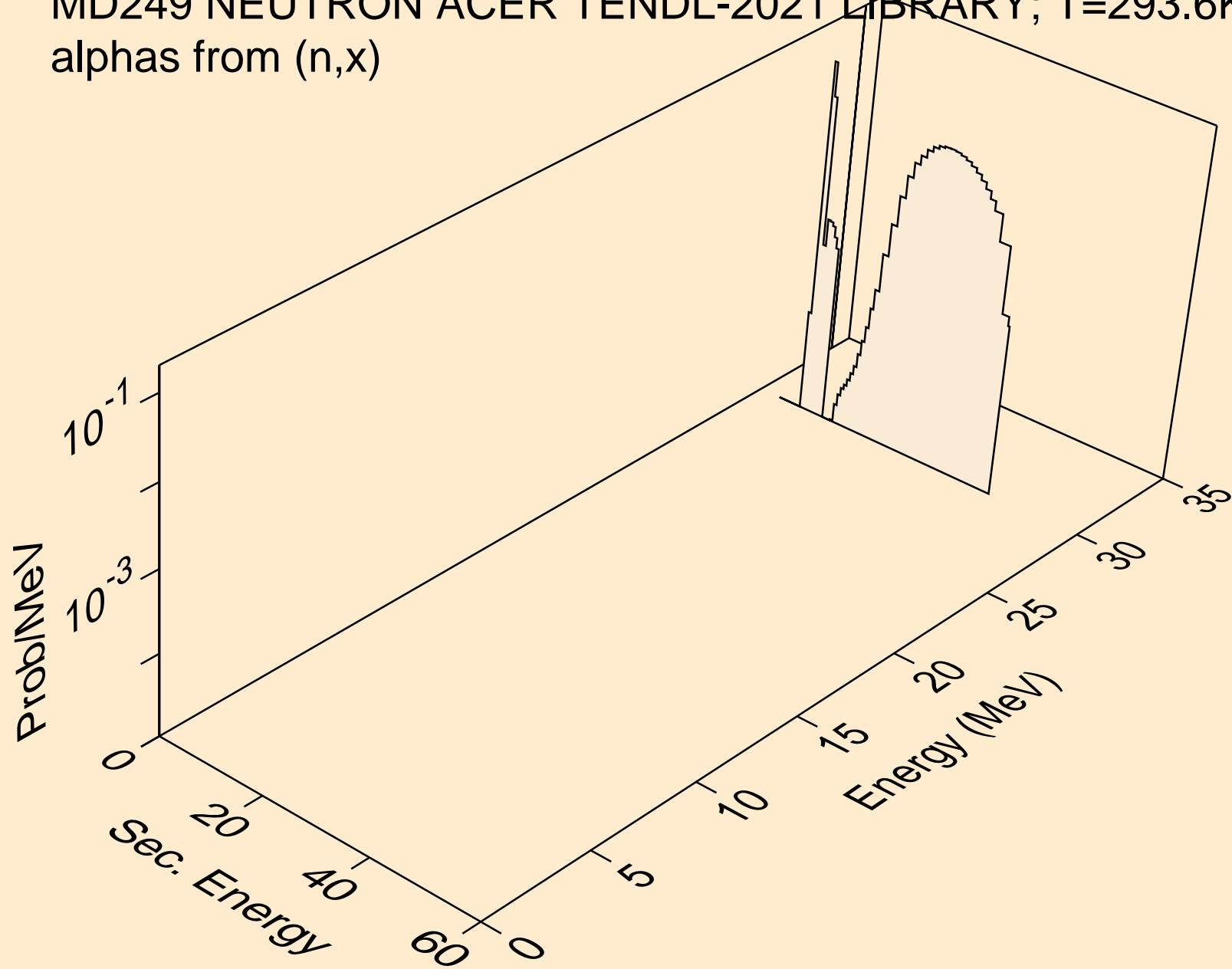


MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,he3)

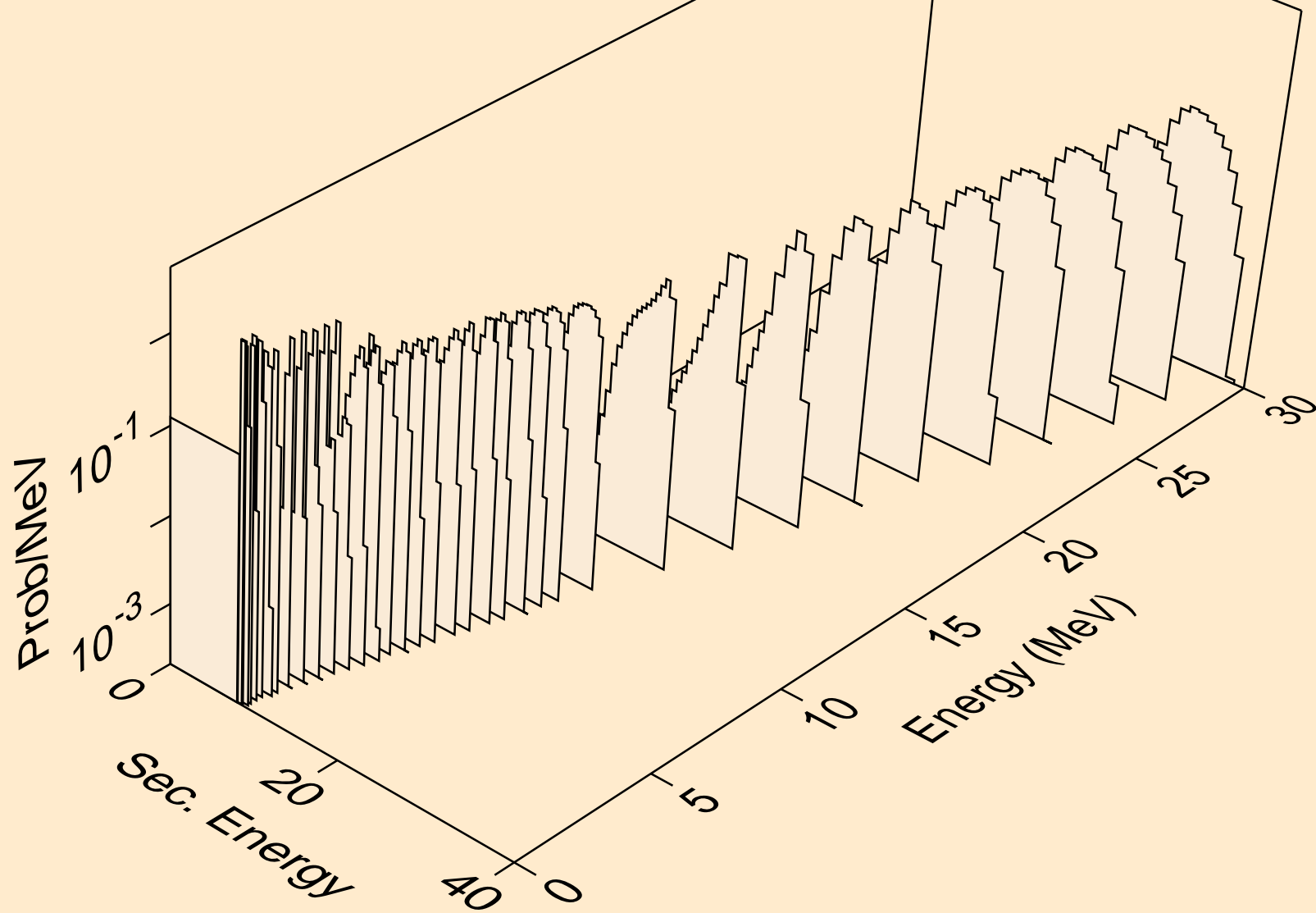




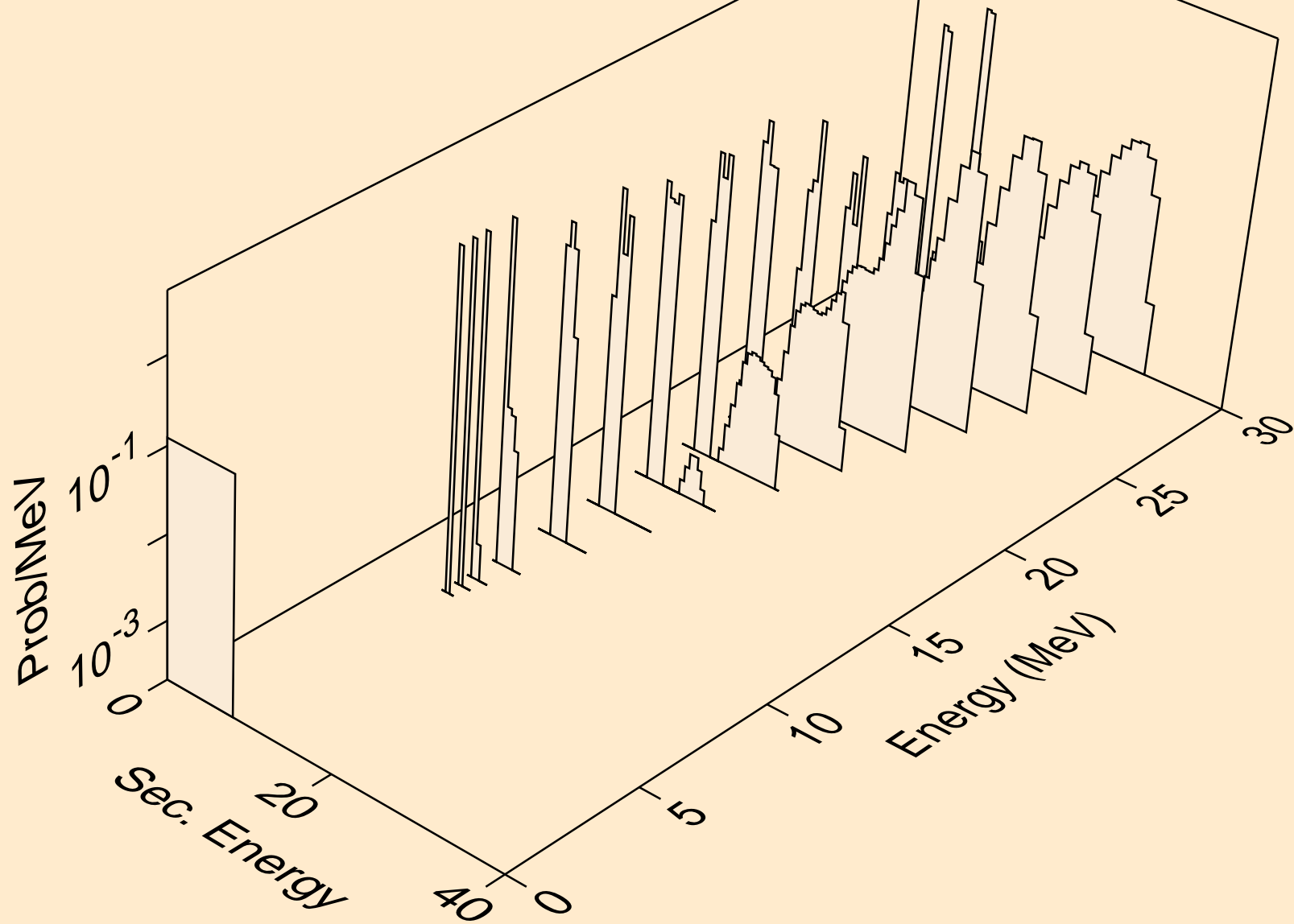
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,x)



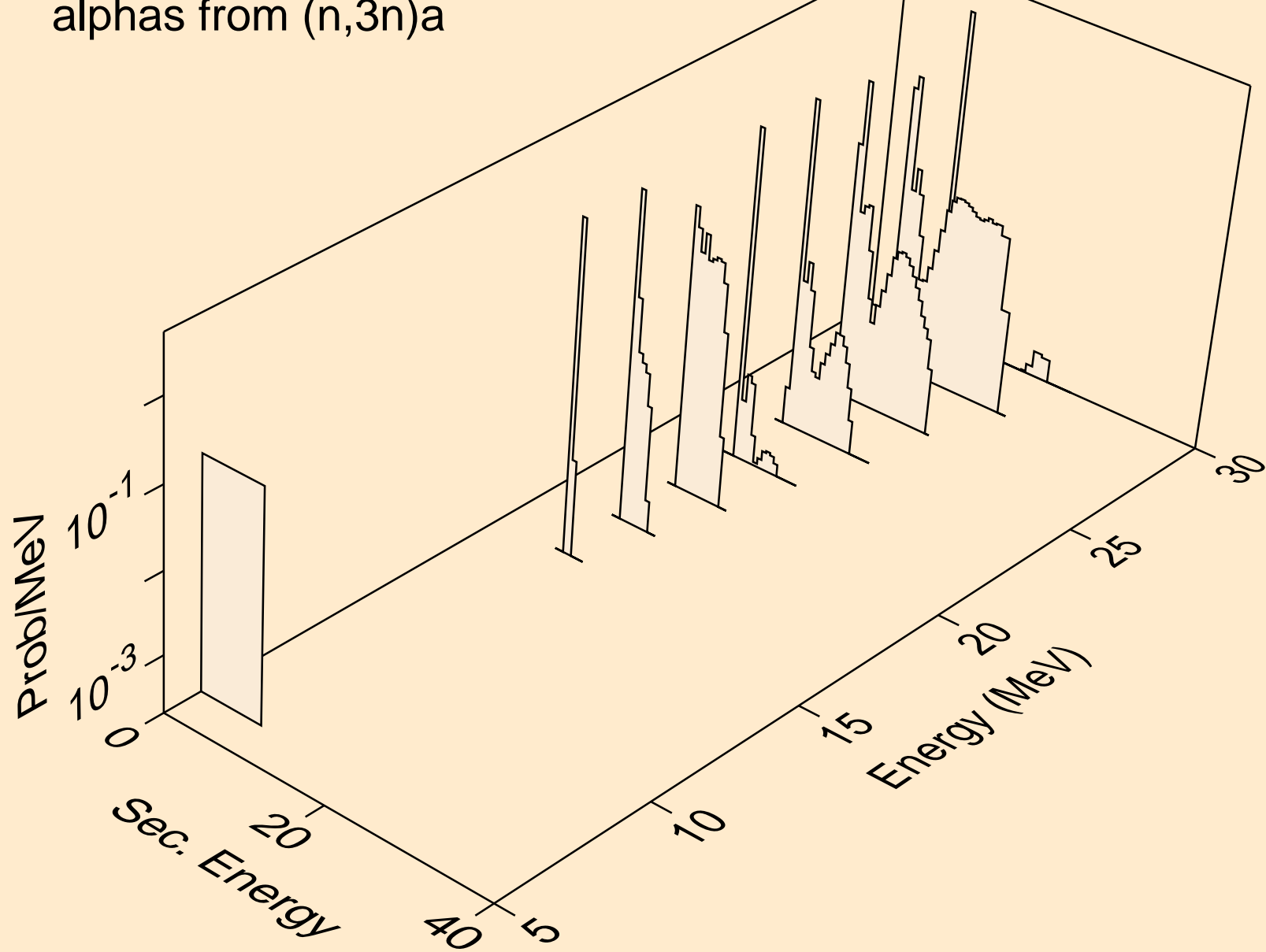
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)a



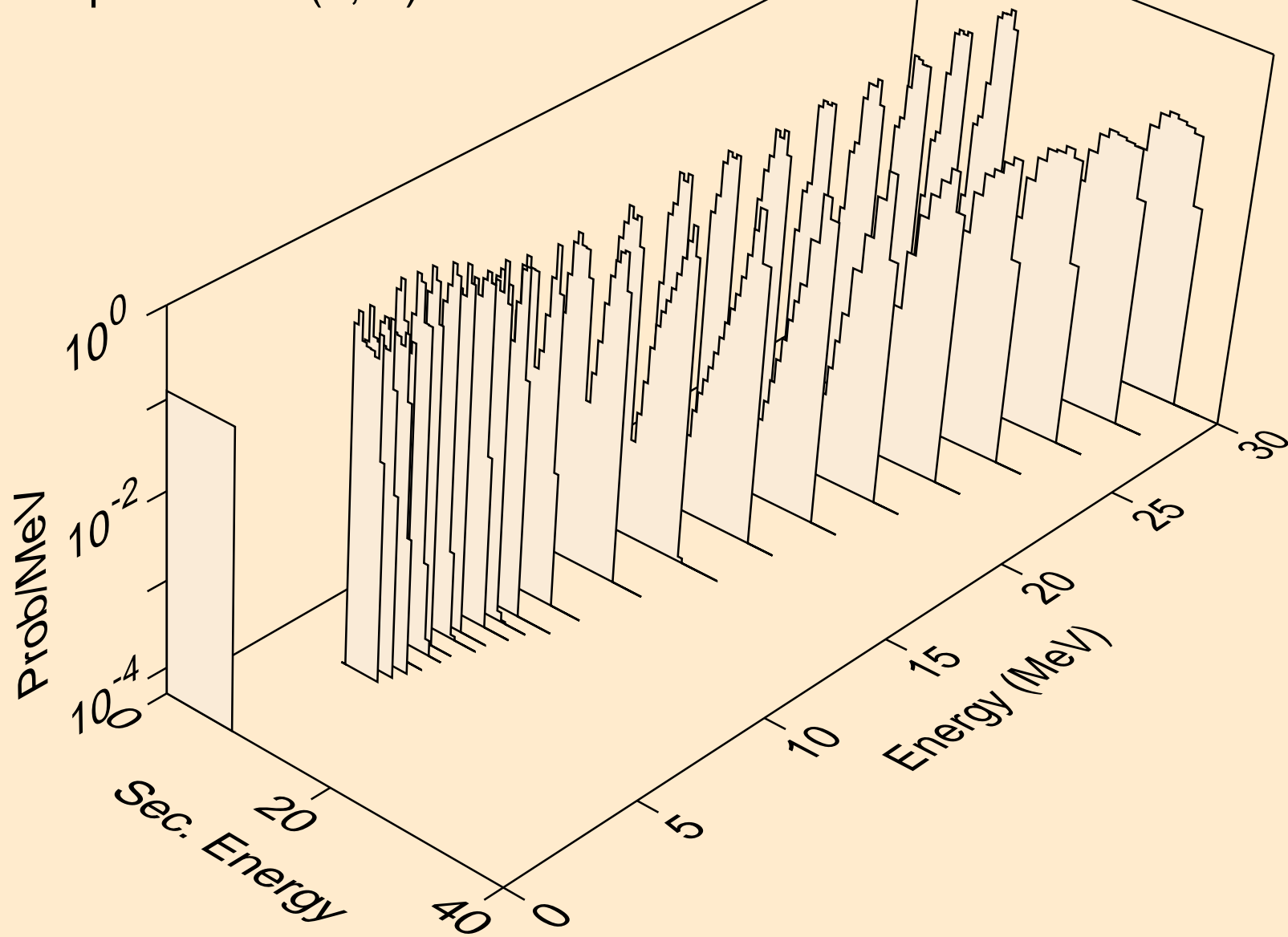
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)a



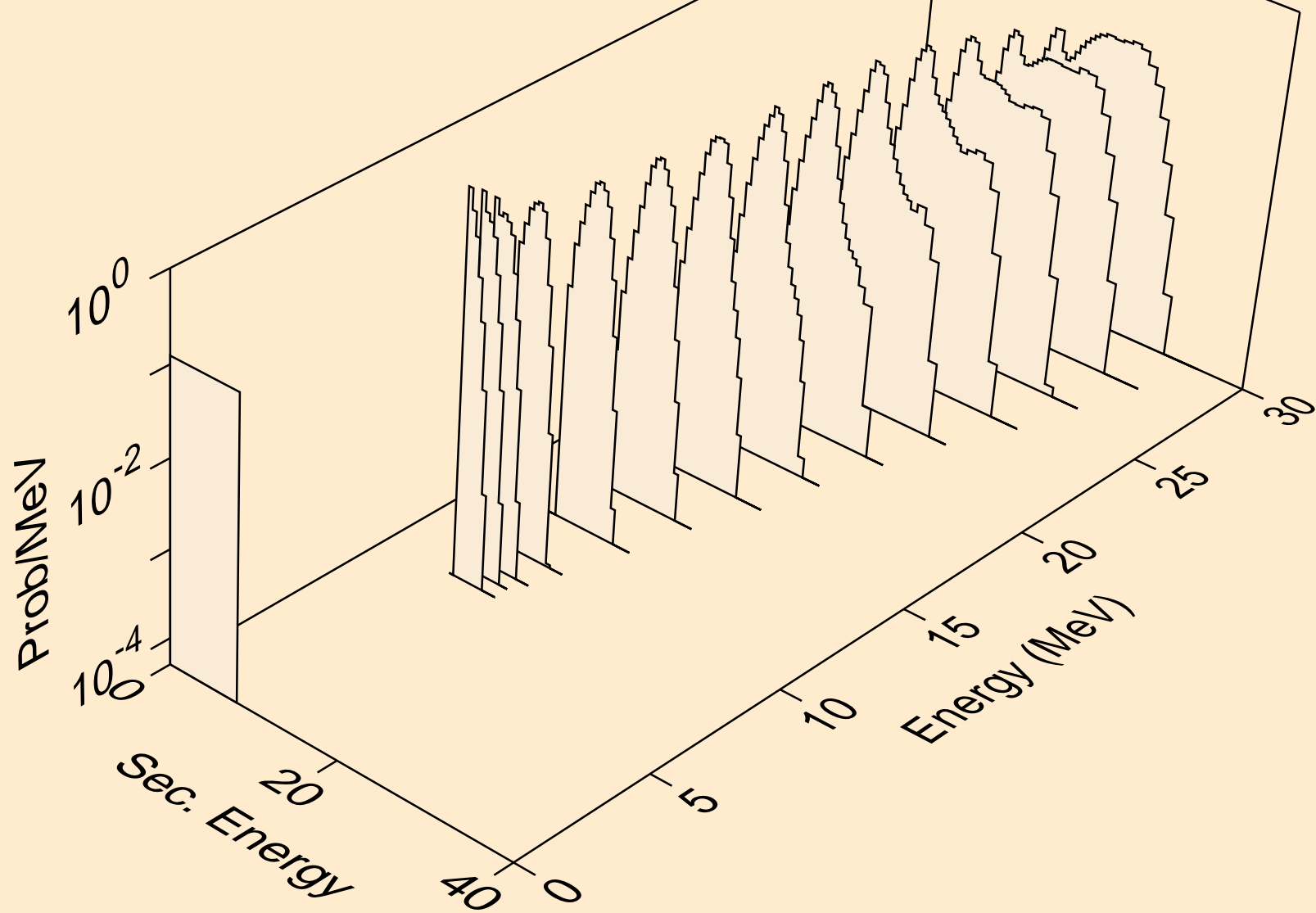
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3n)a



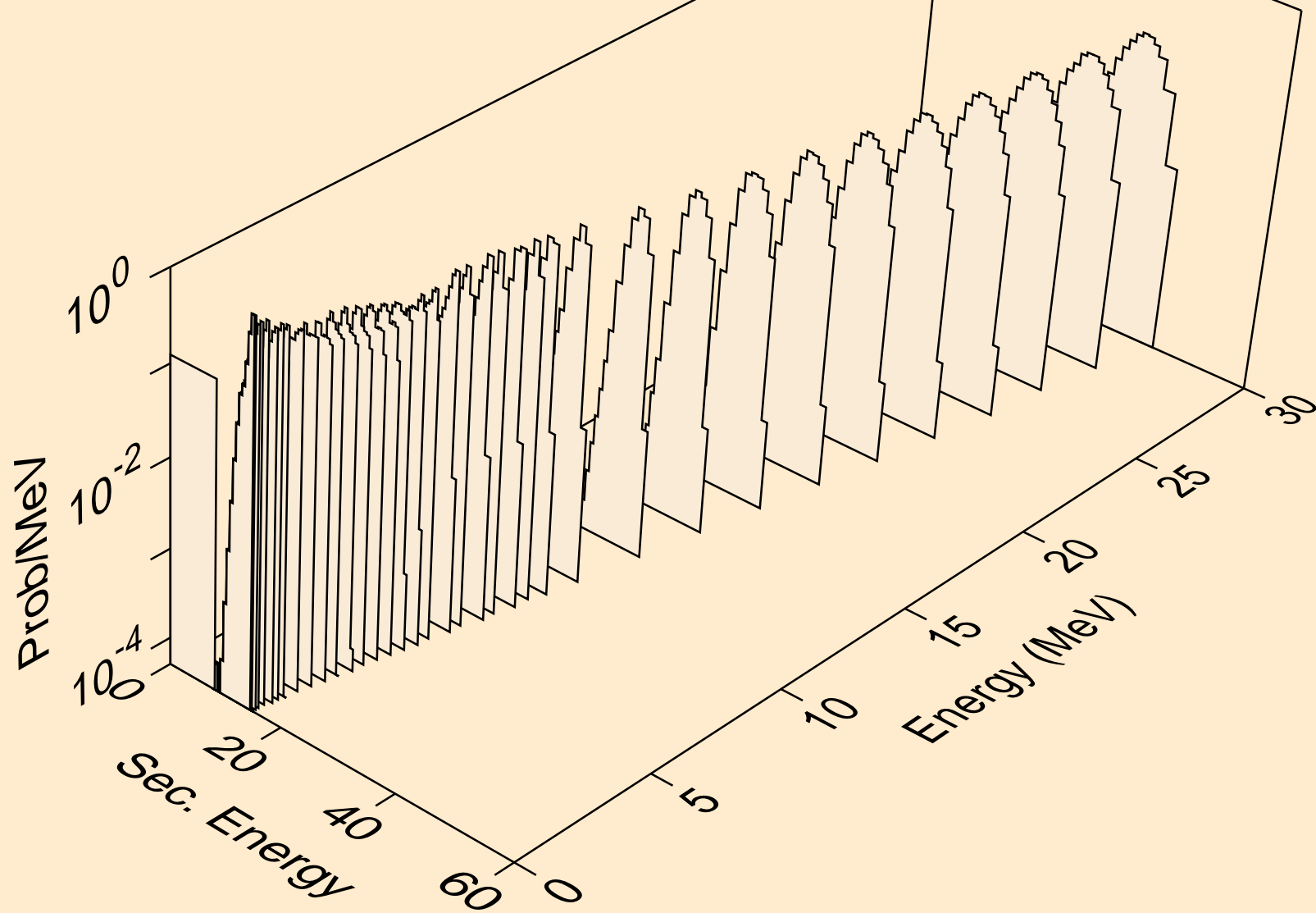
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)2a



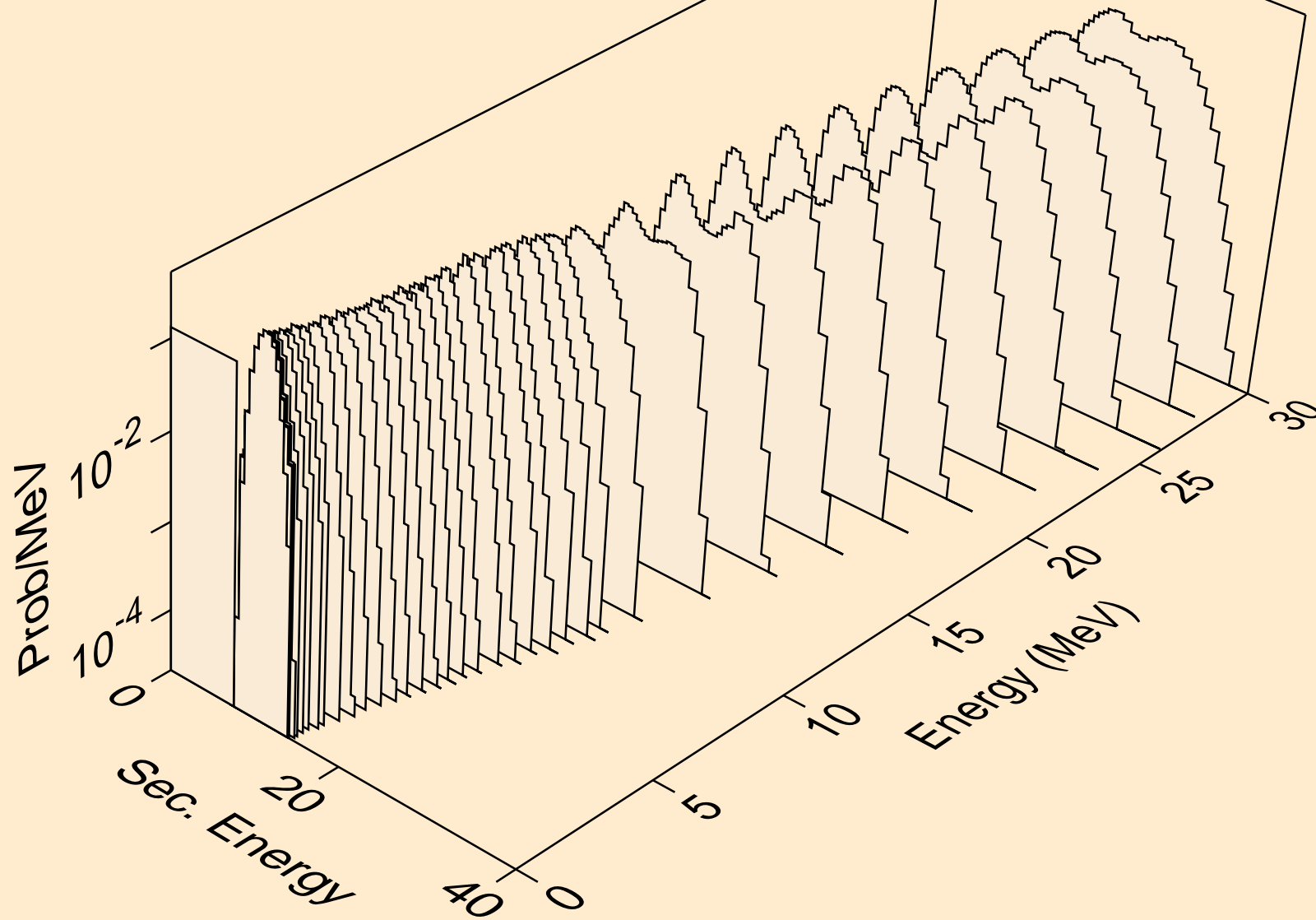
MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,npa)



MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)

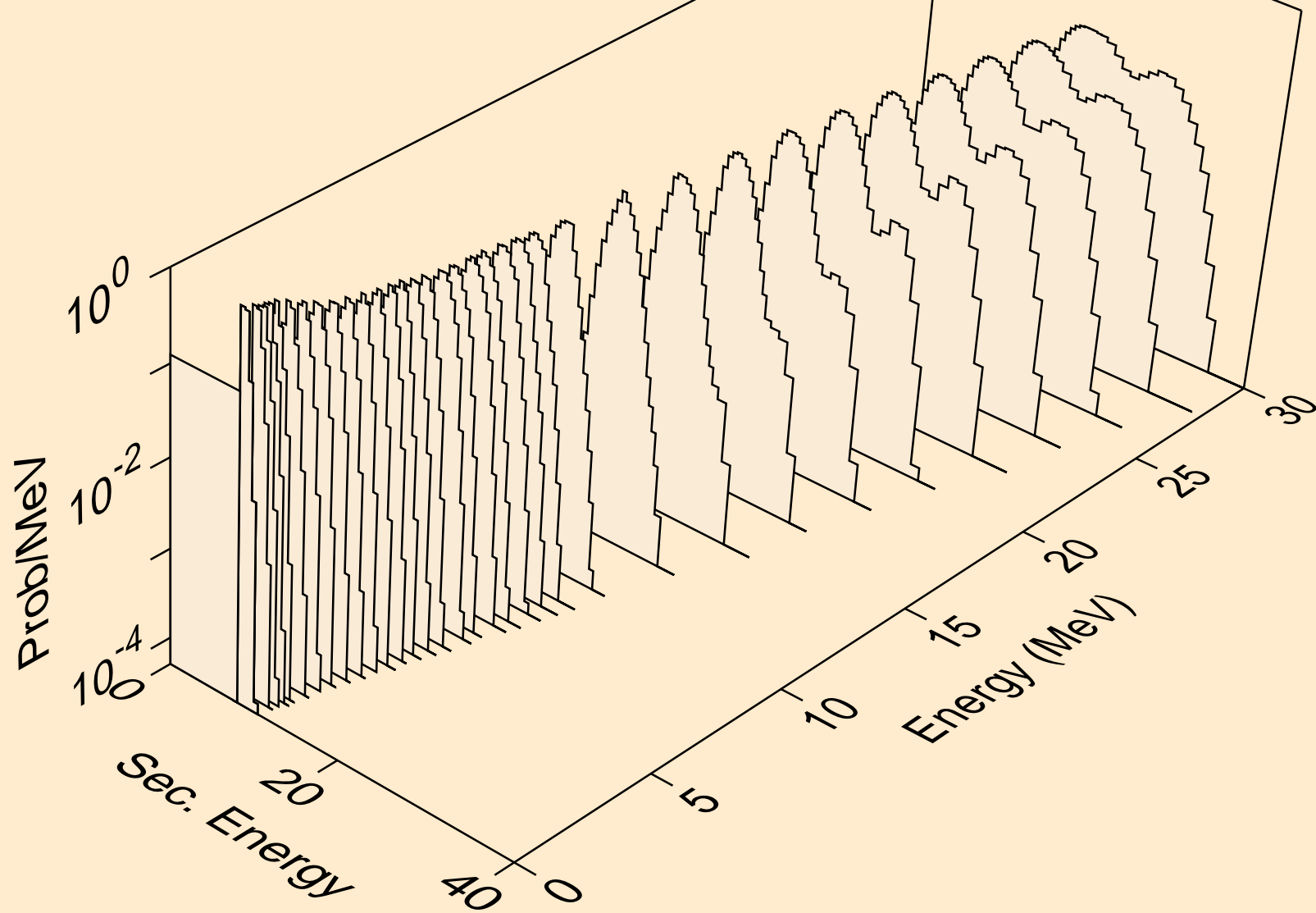


MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2a)





MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,pa)



MD249 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,da)

