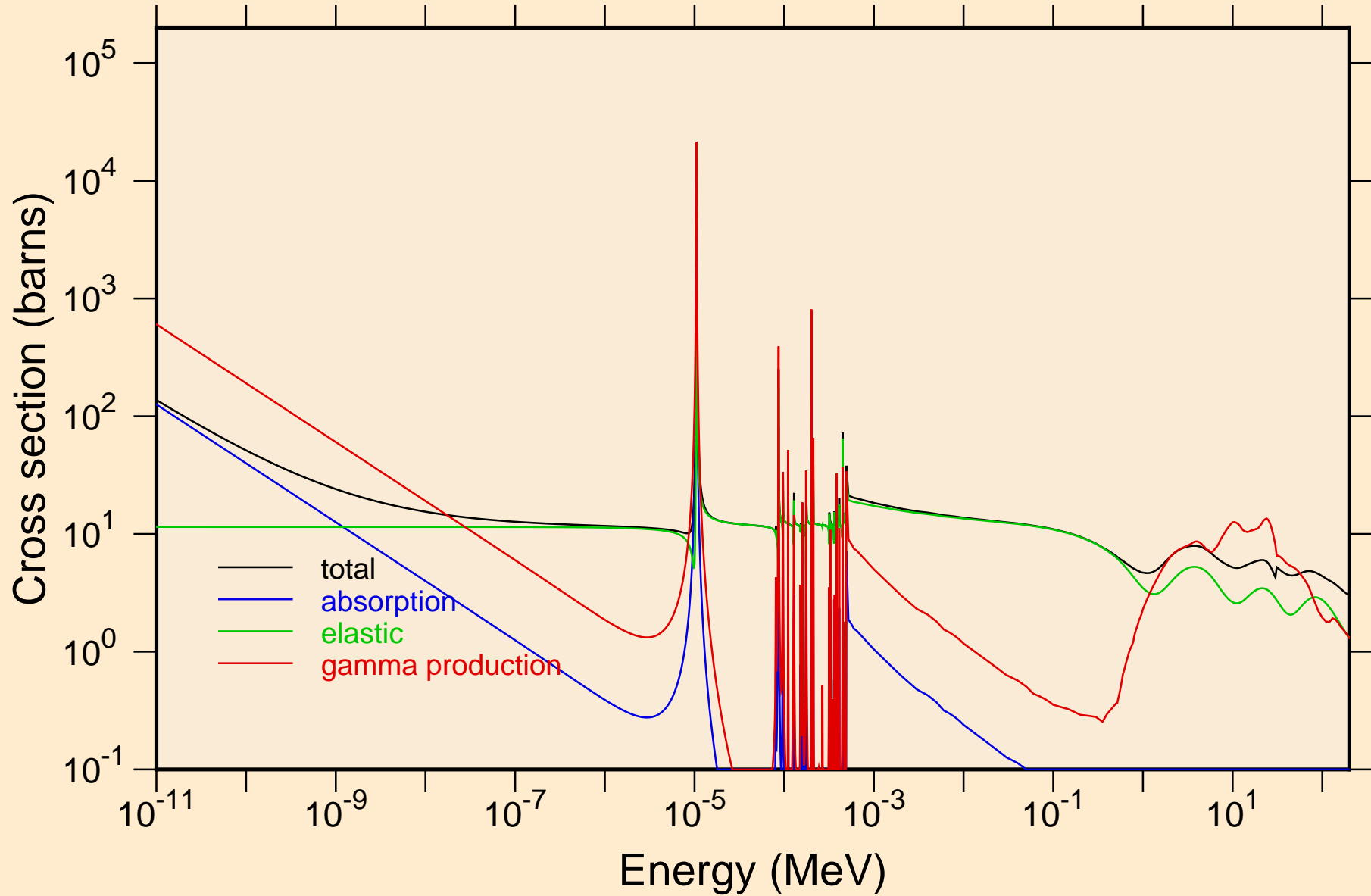
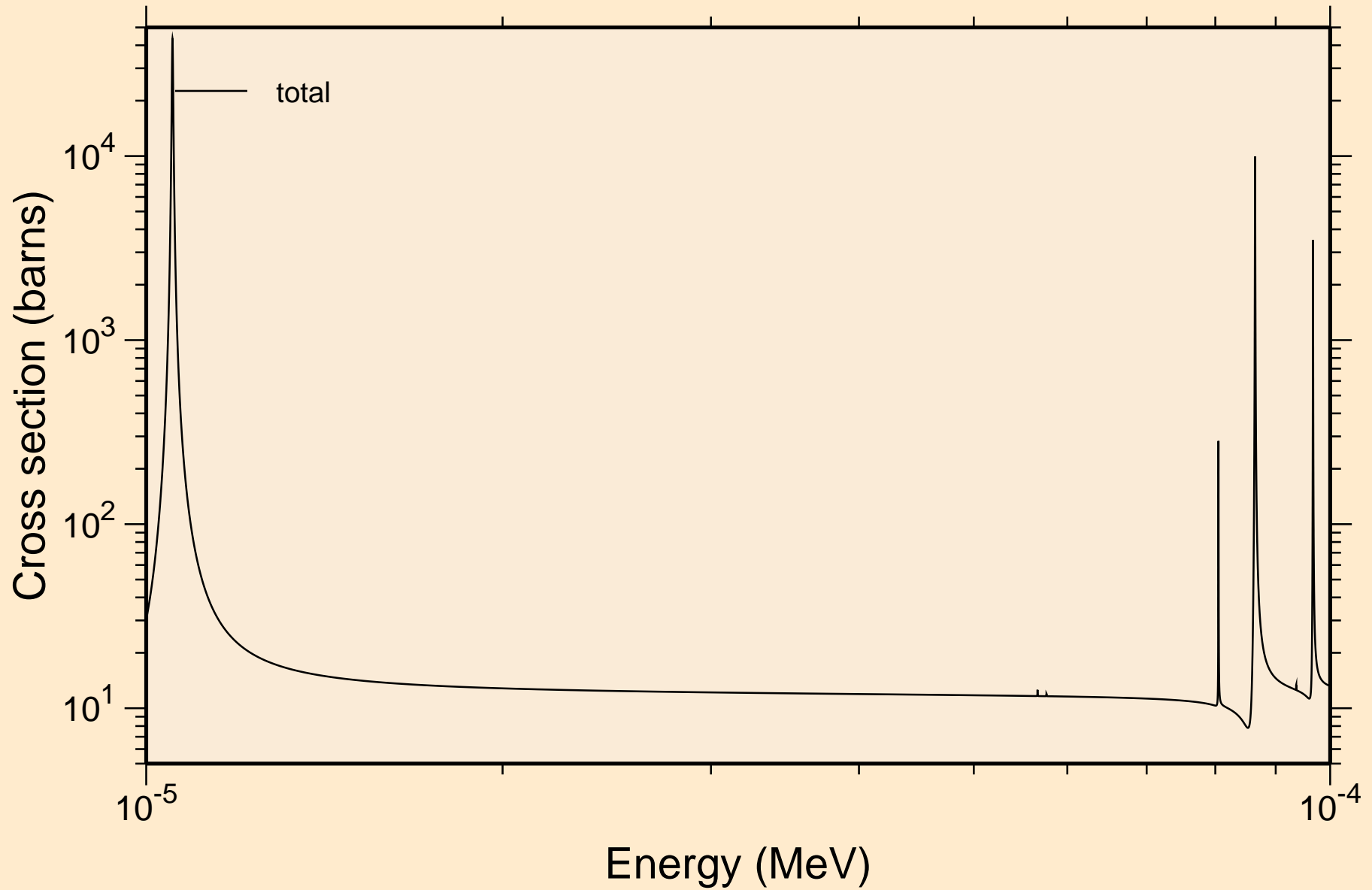


# PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

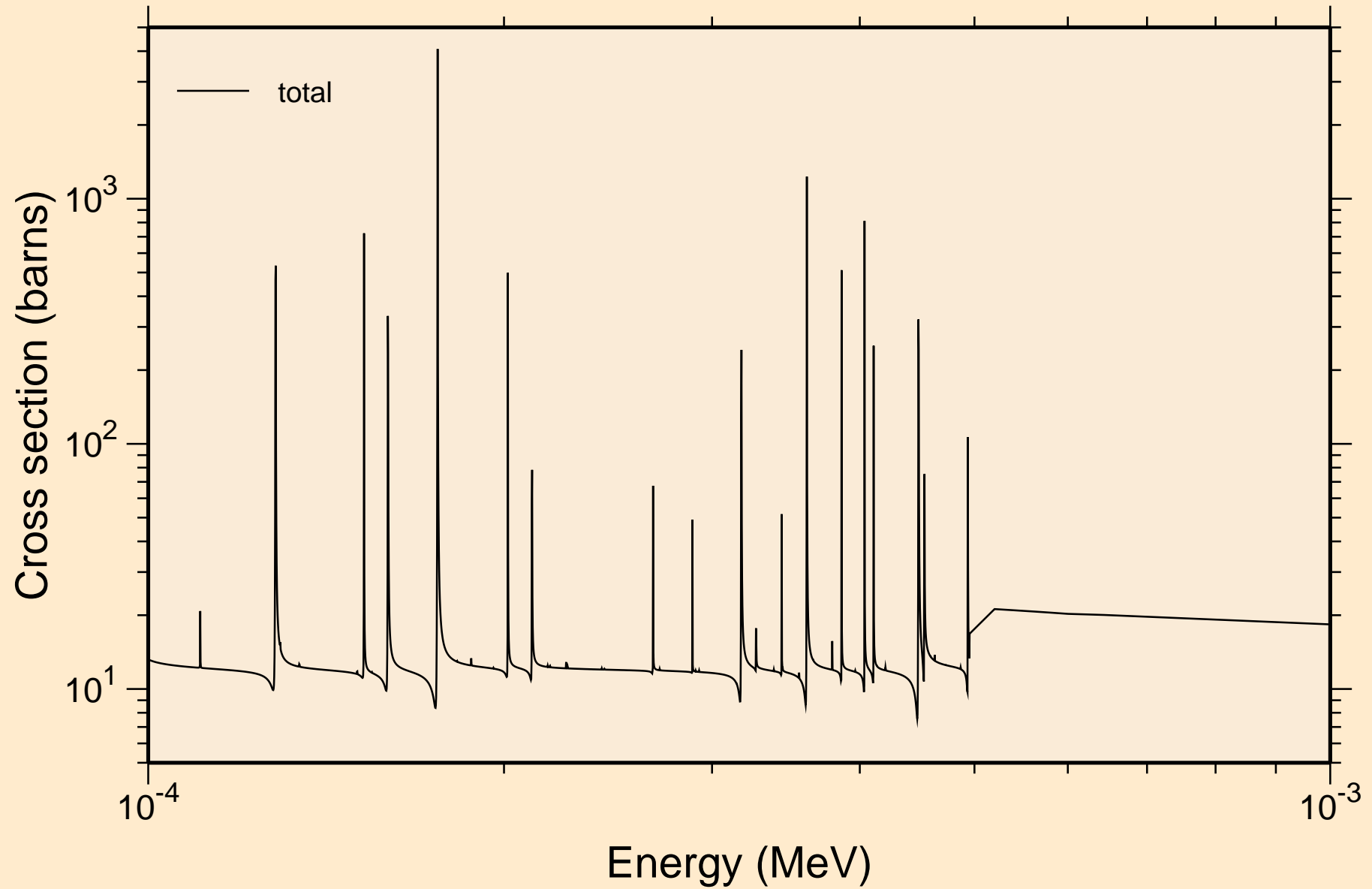
## Principal cross sections



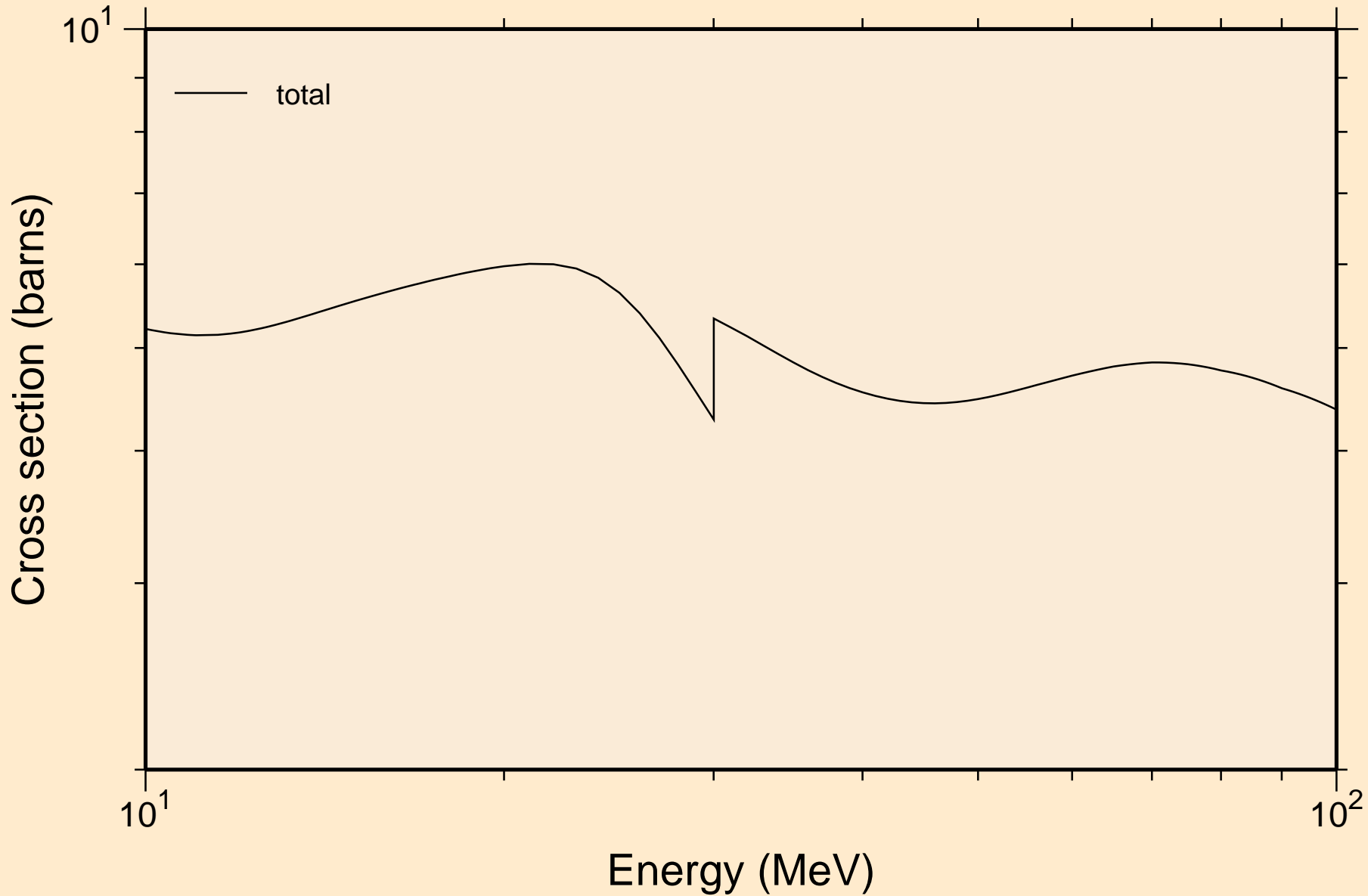
PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



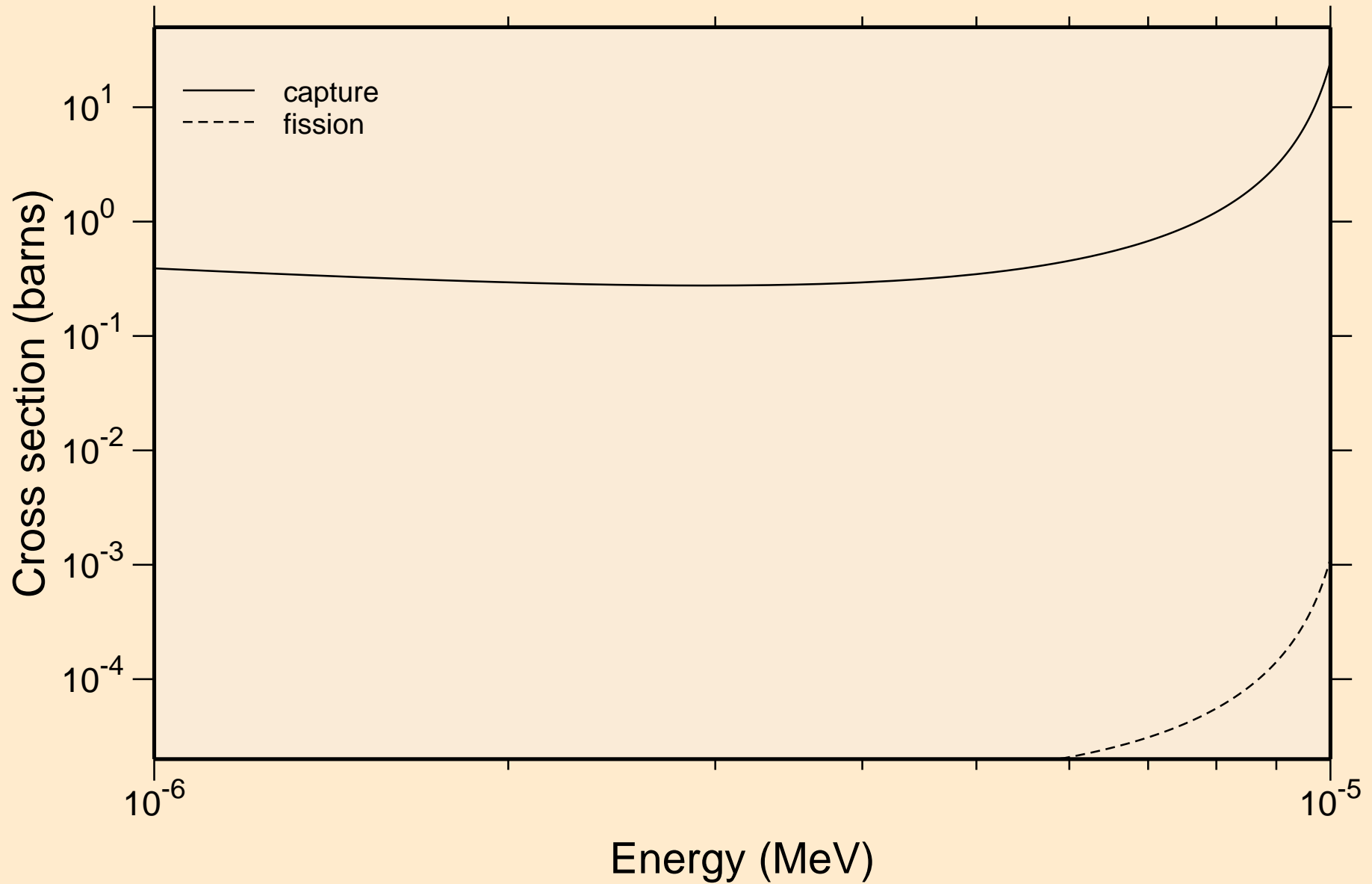
PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



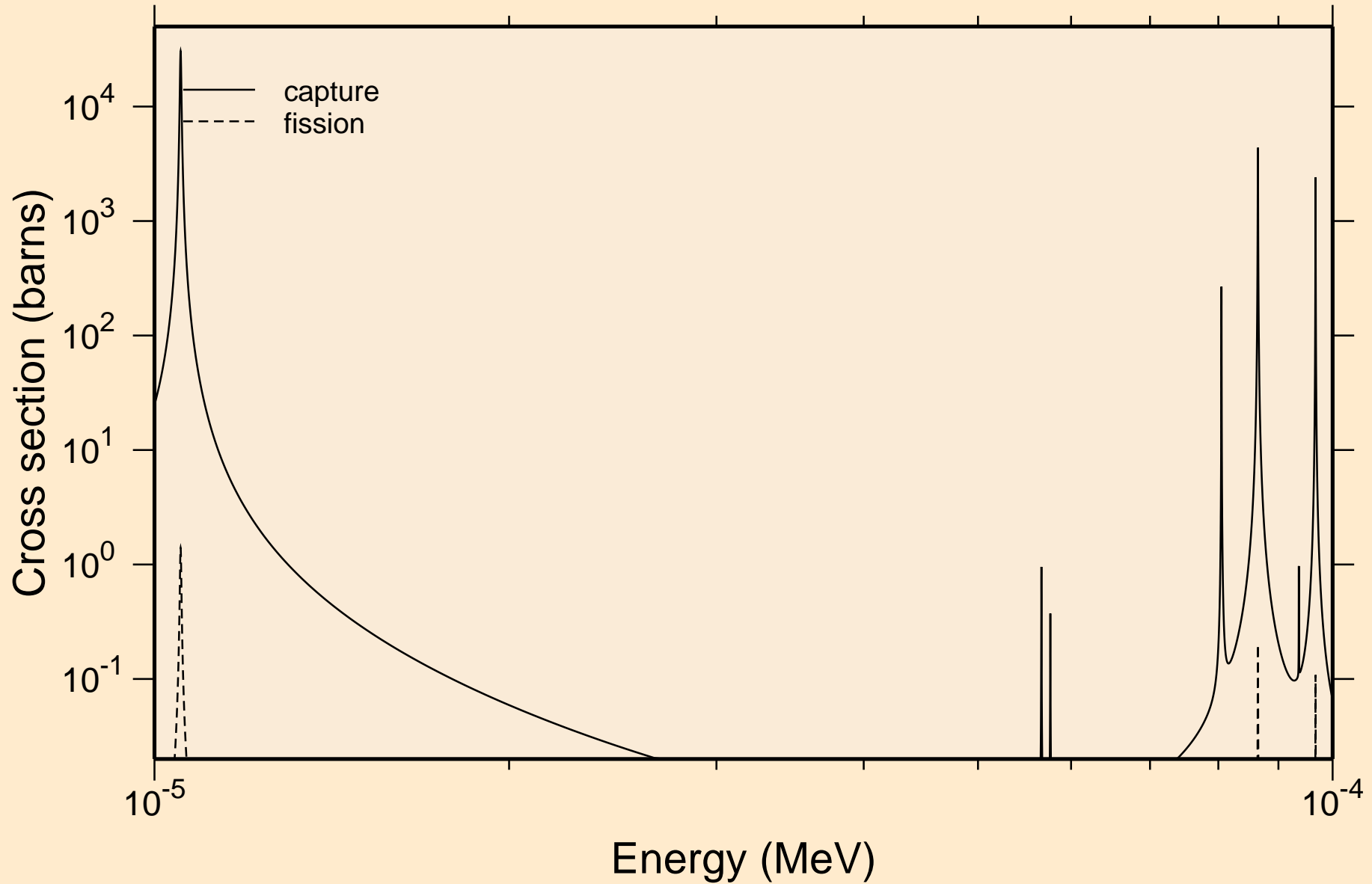
PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



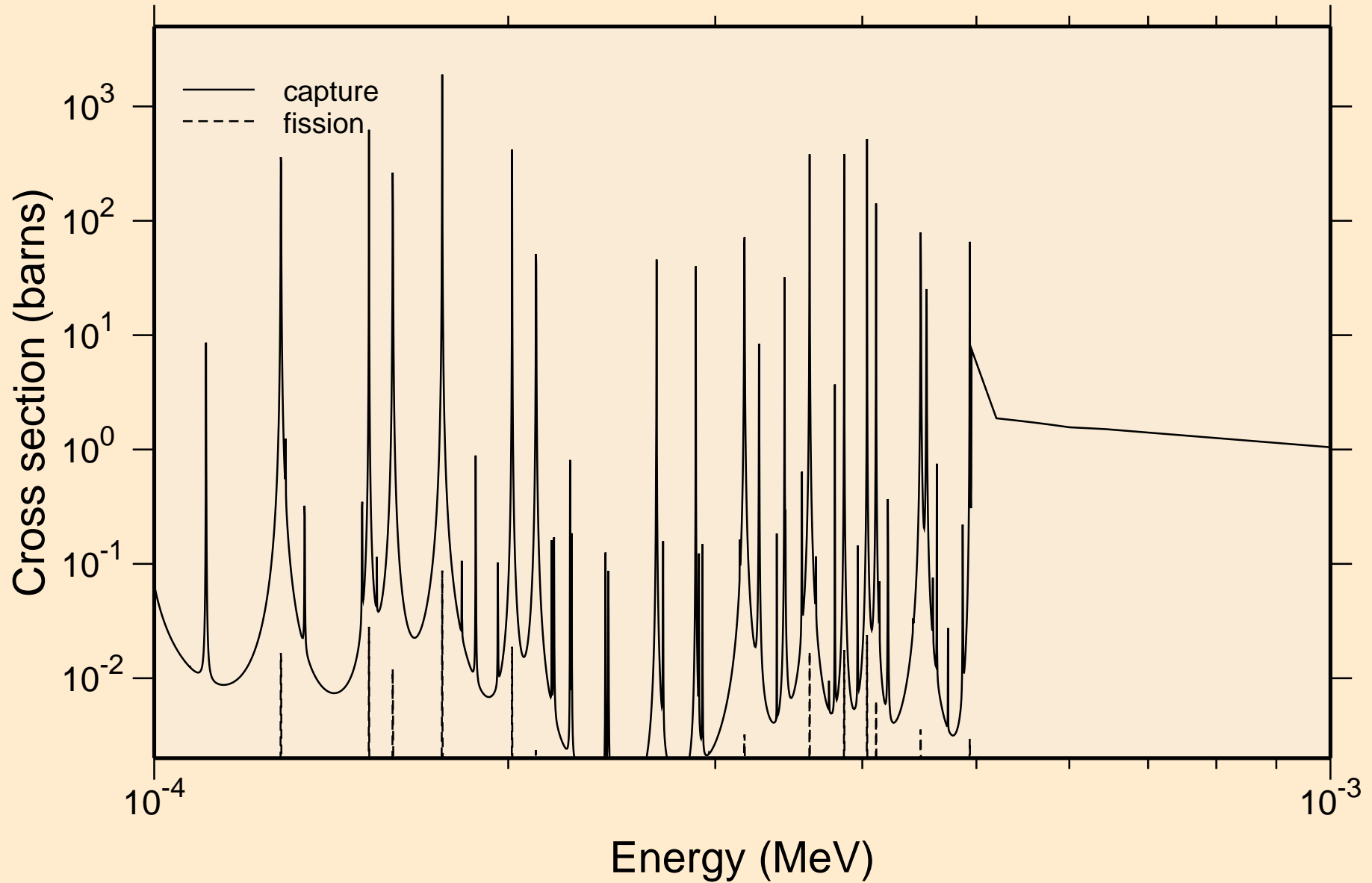
PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



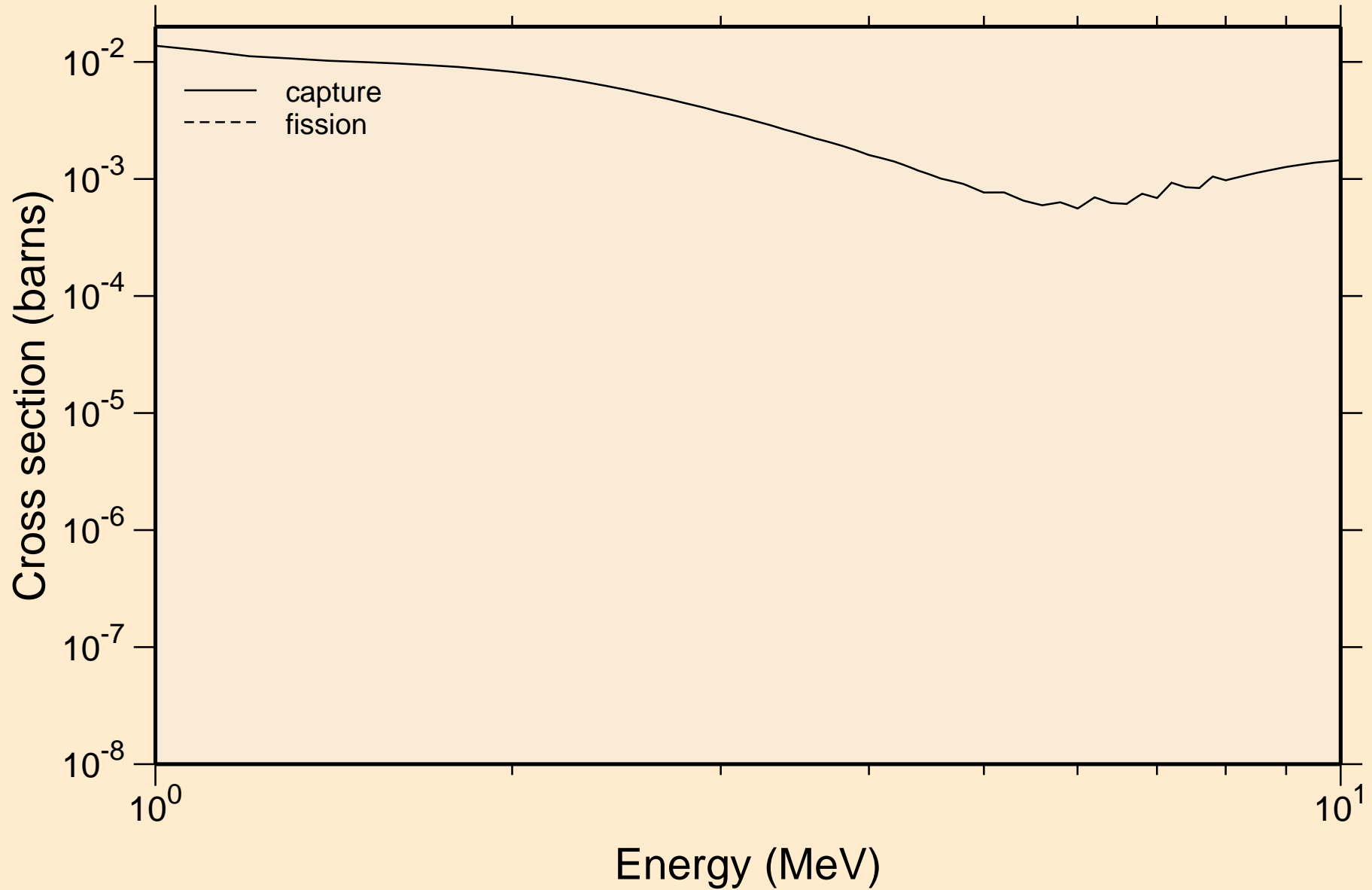
PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

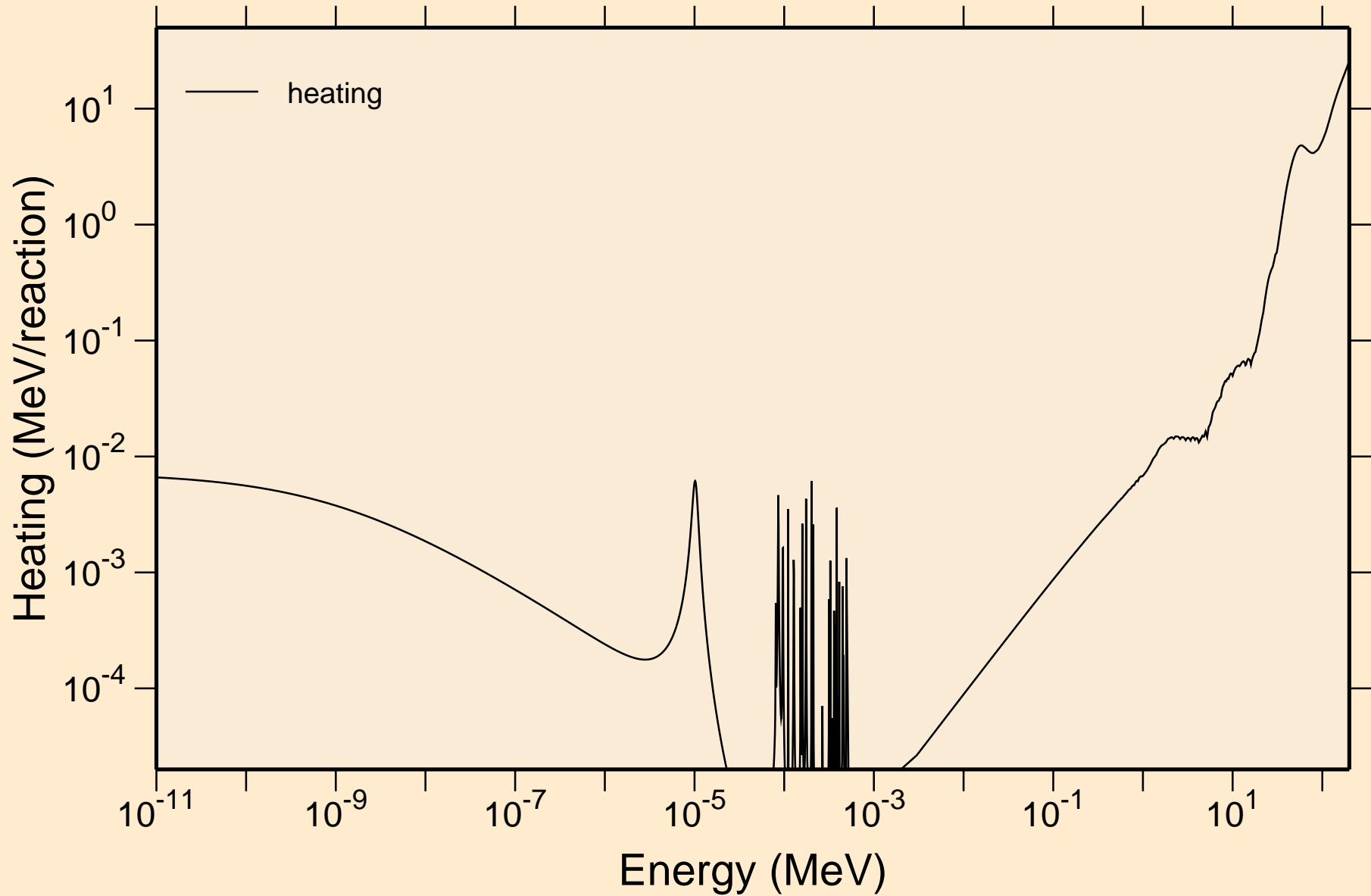


PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



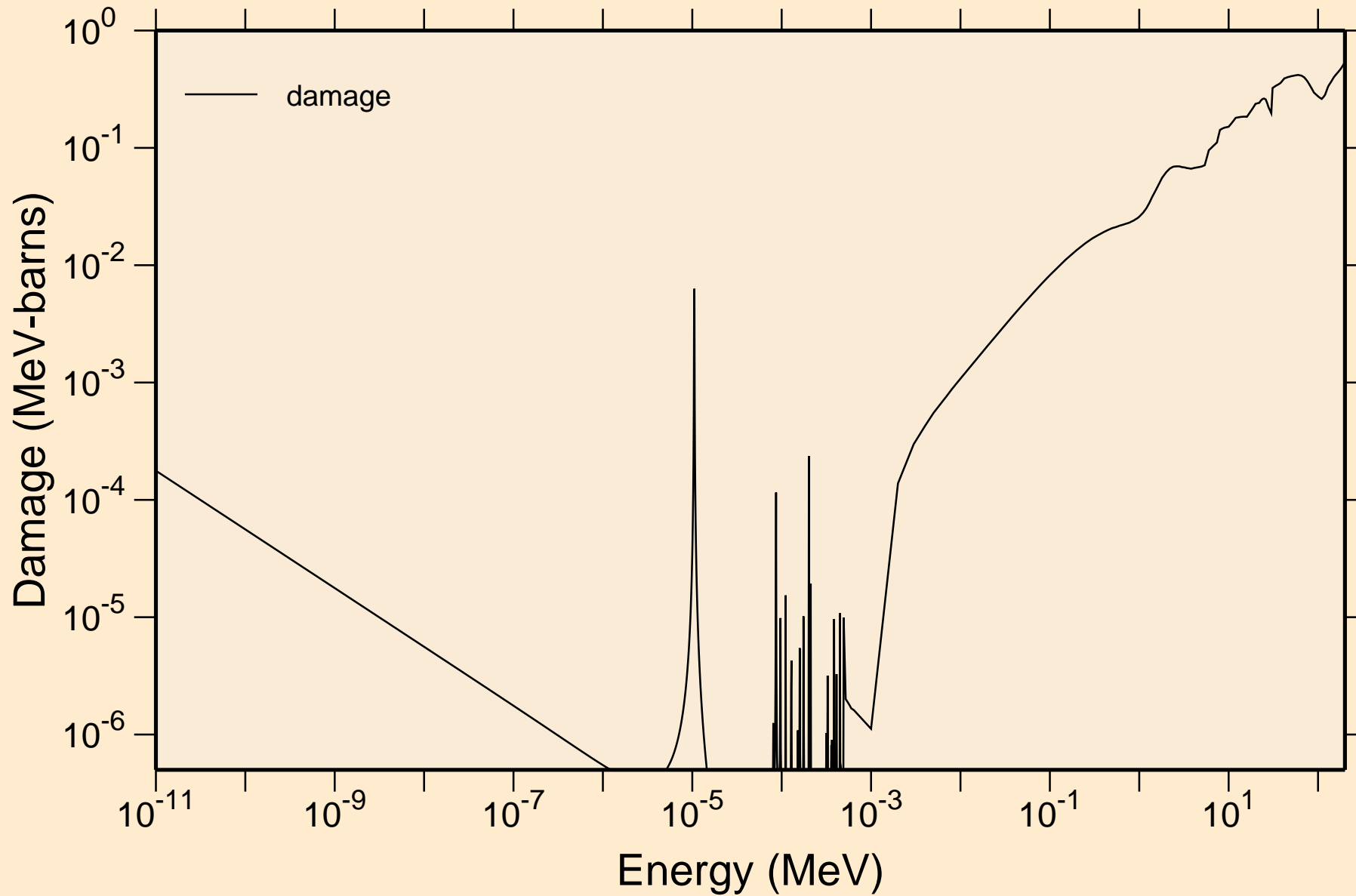


PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Heating



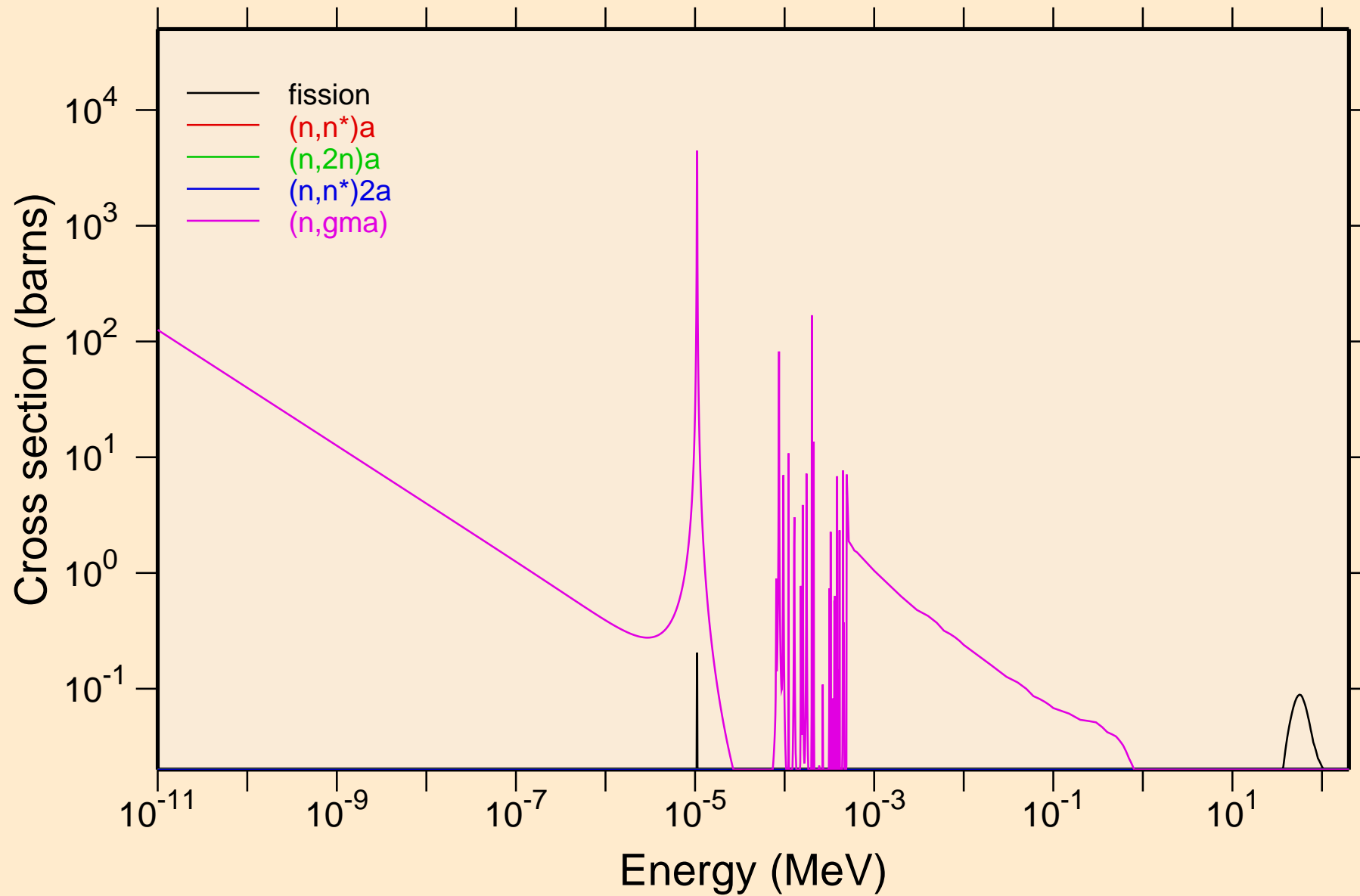
# PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

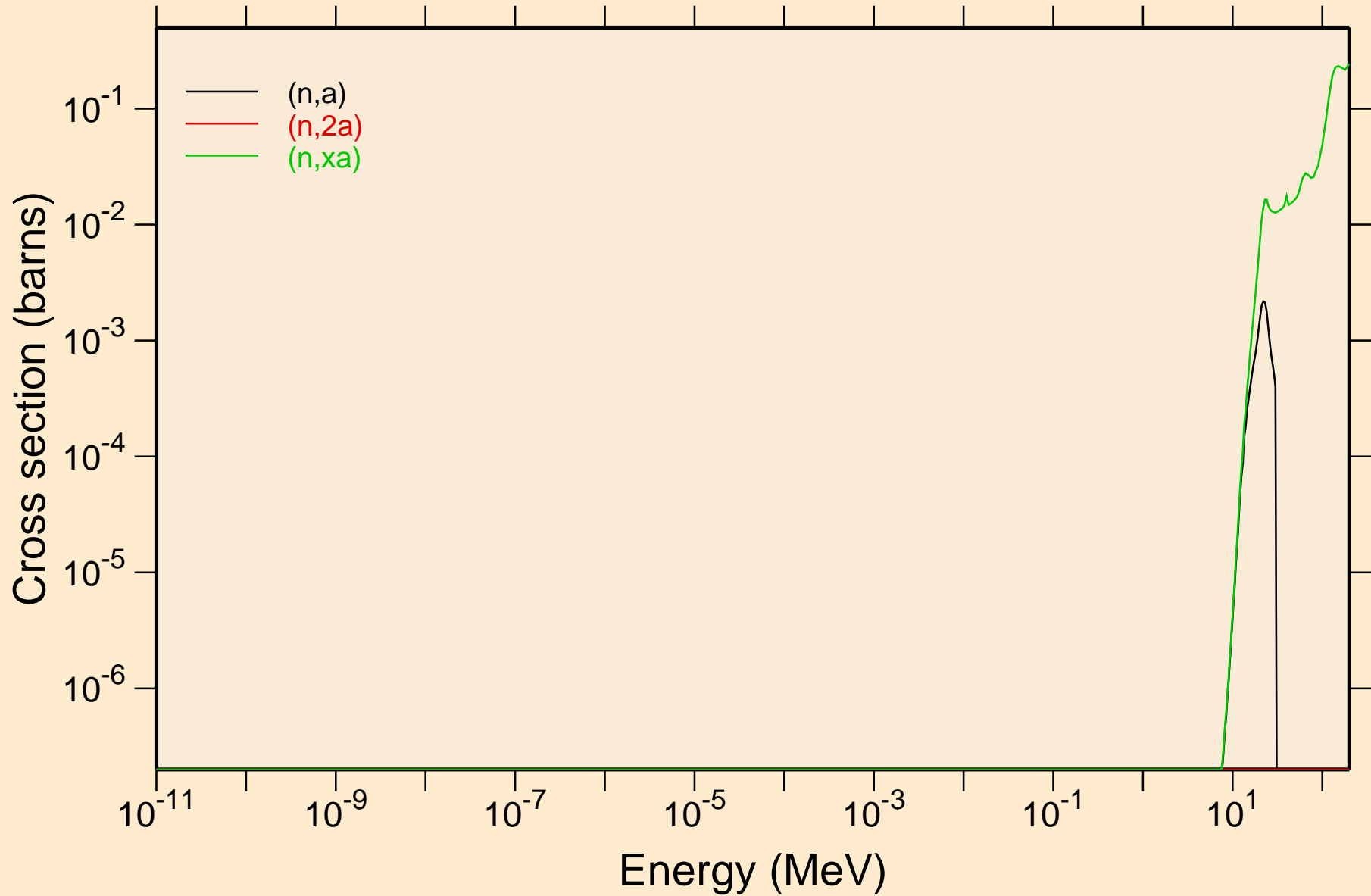


# PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

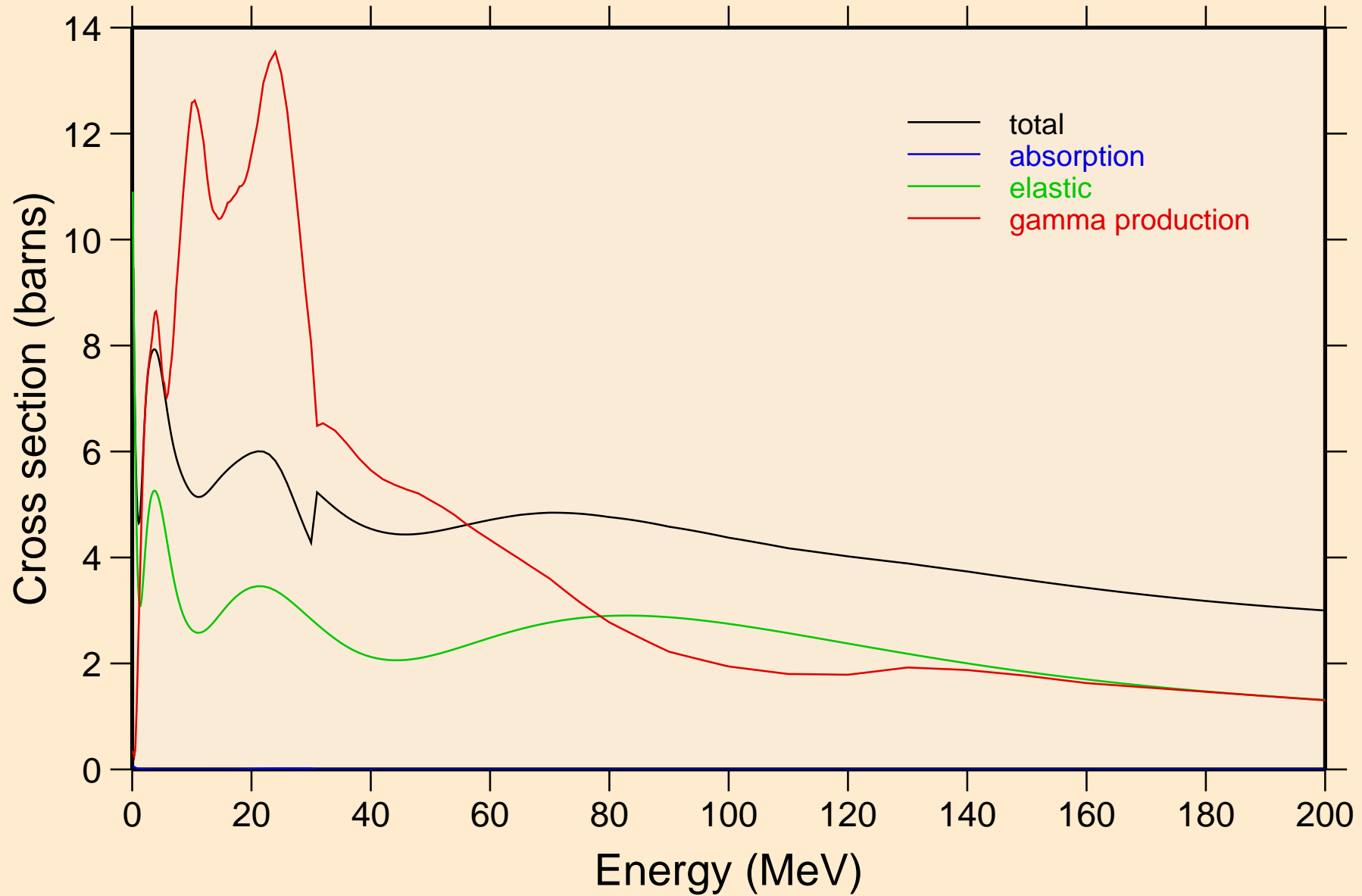
## Non-threshold reactions



PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

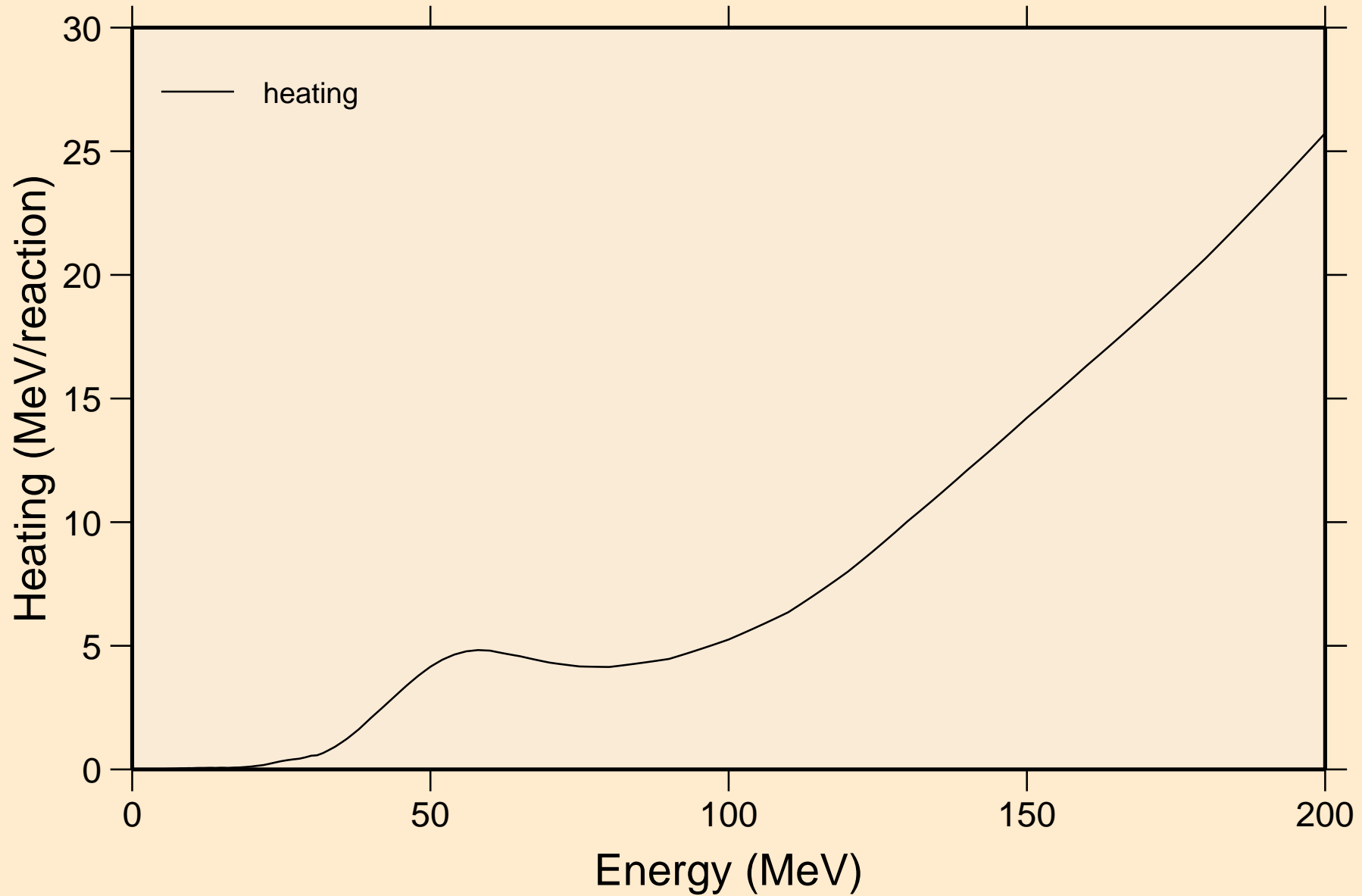


PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Principal cross sections

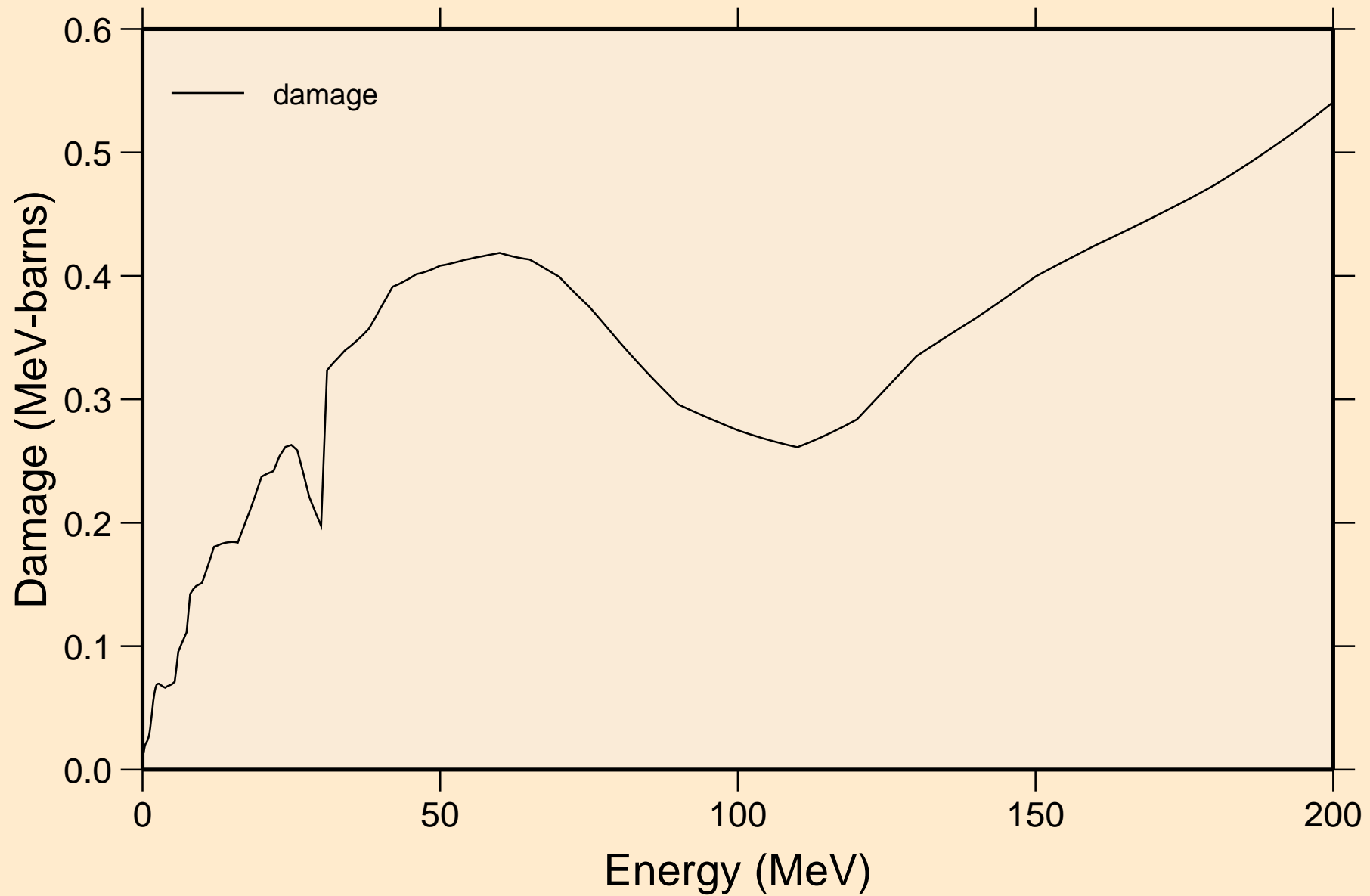


PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Heating

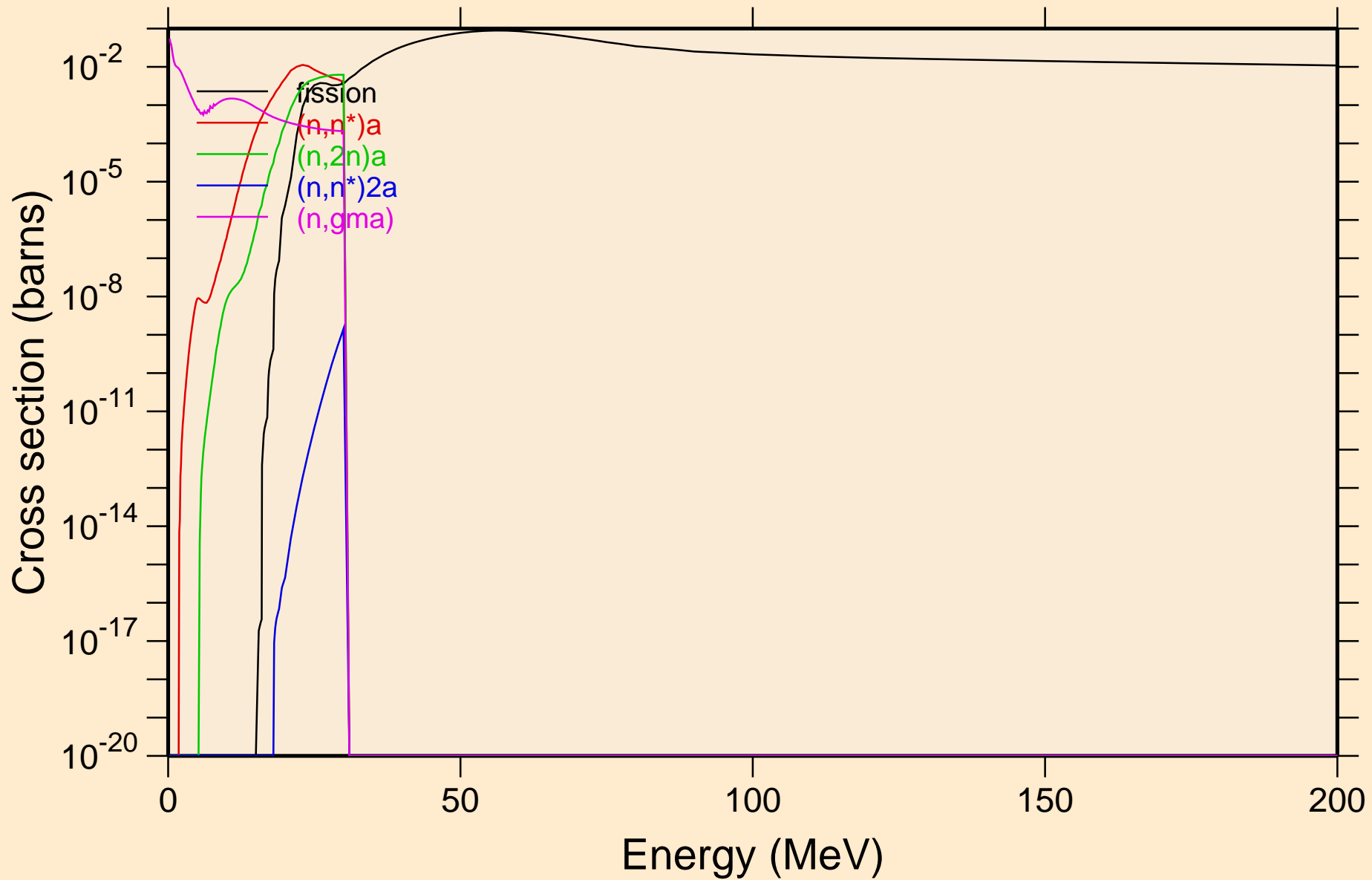


PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



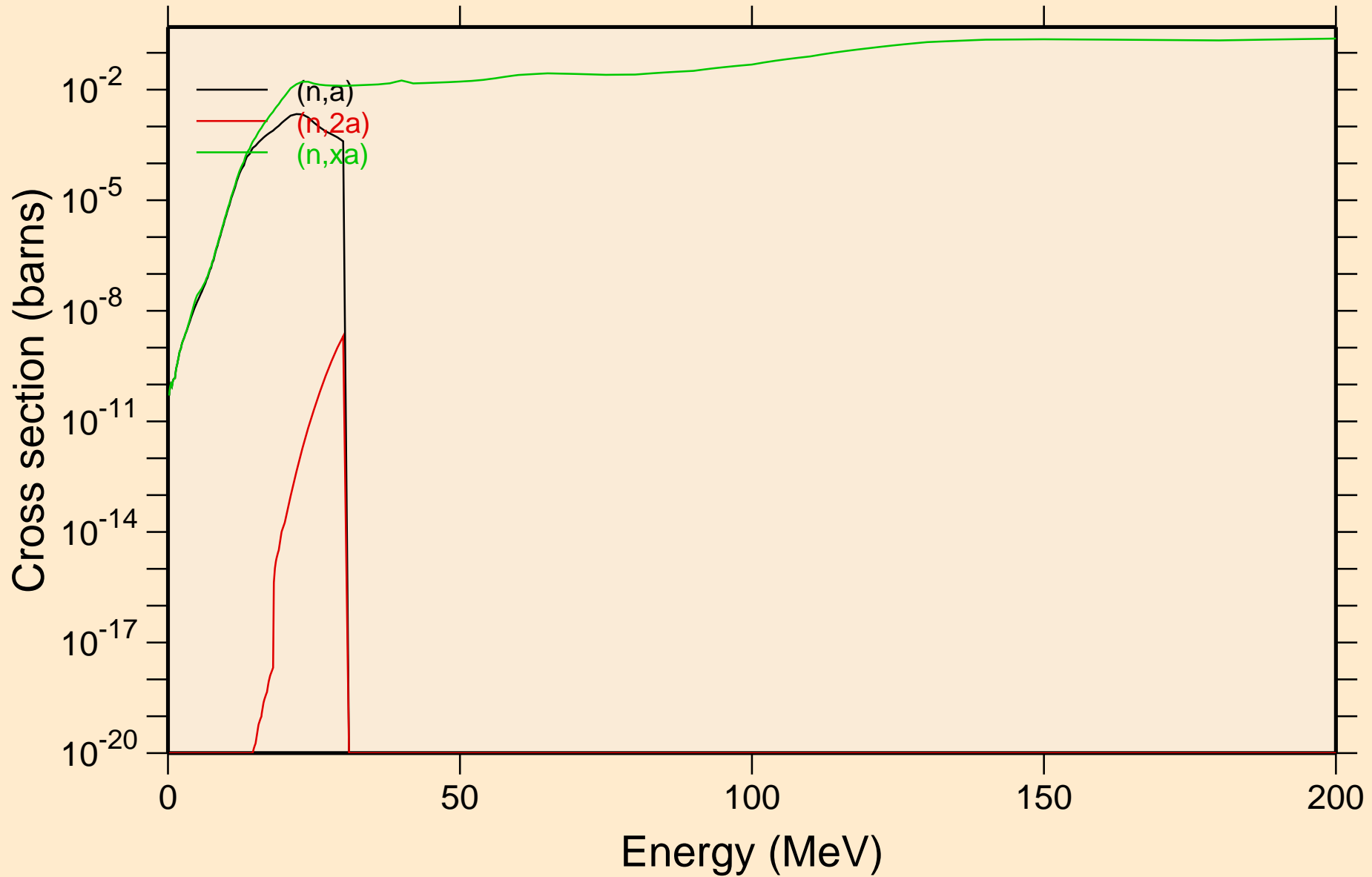
# PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

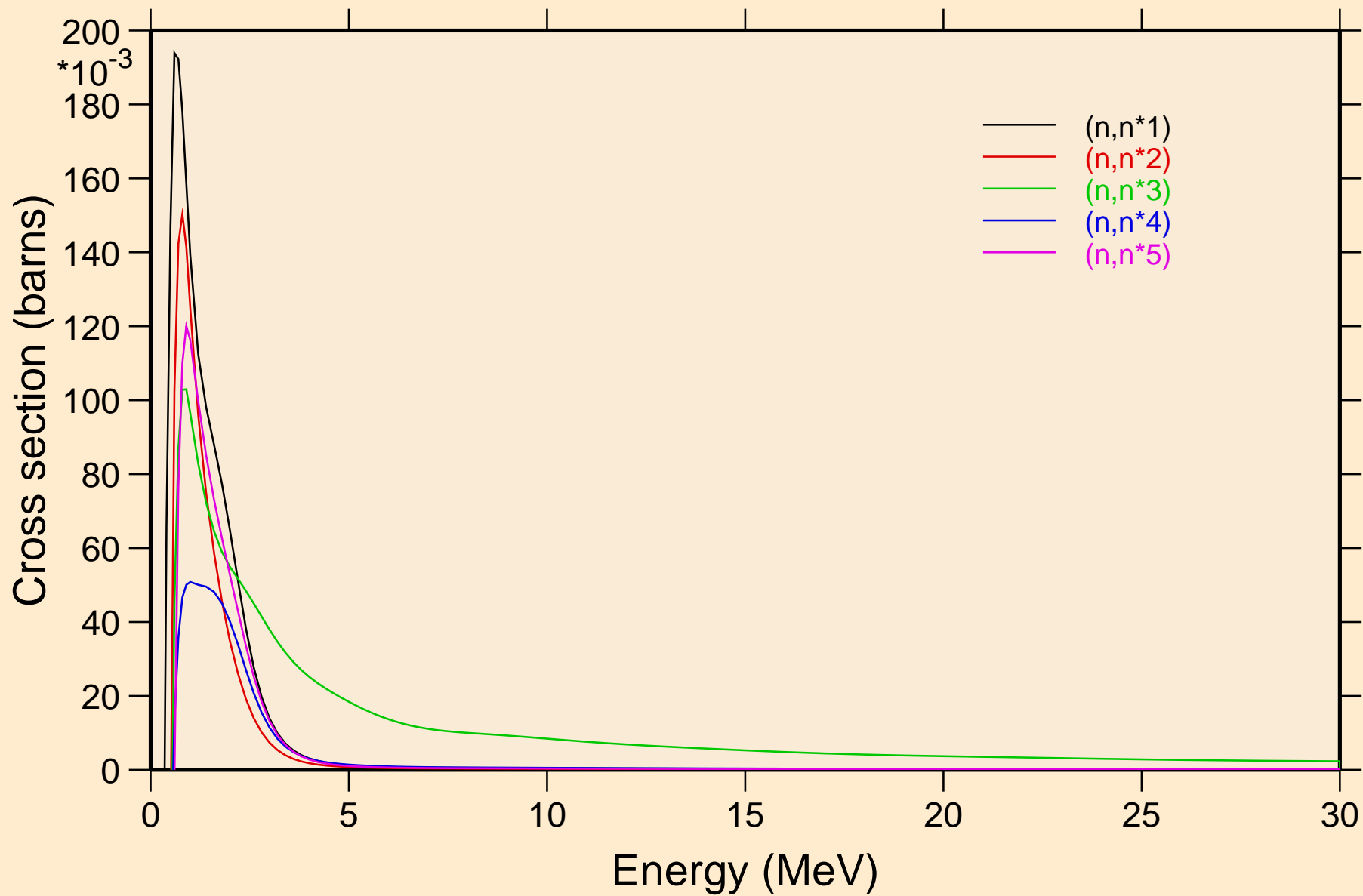




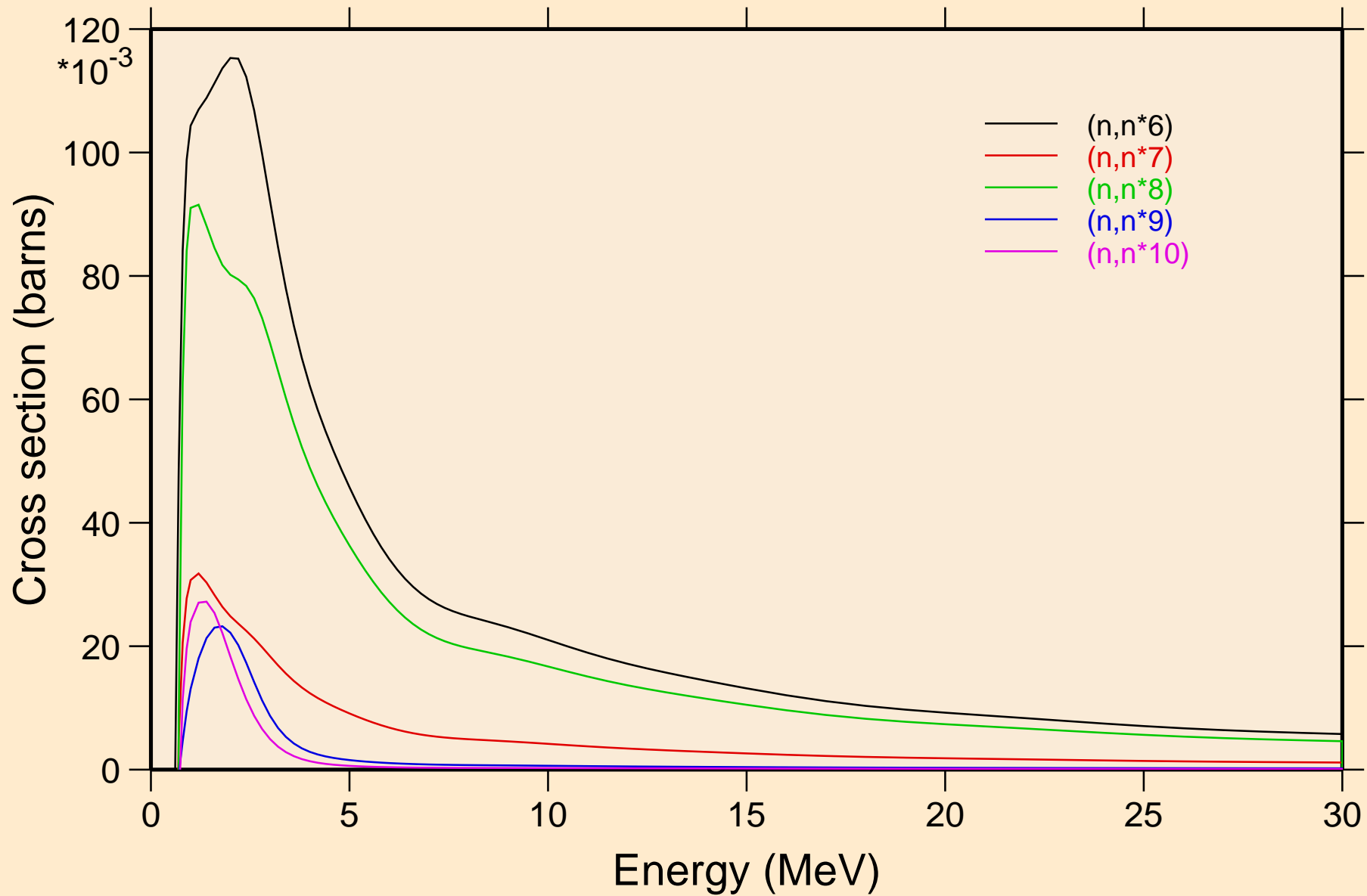
PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



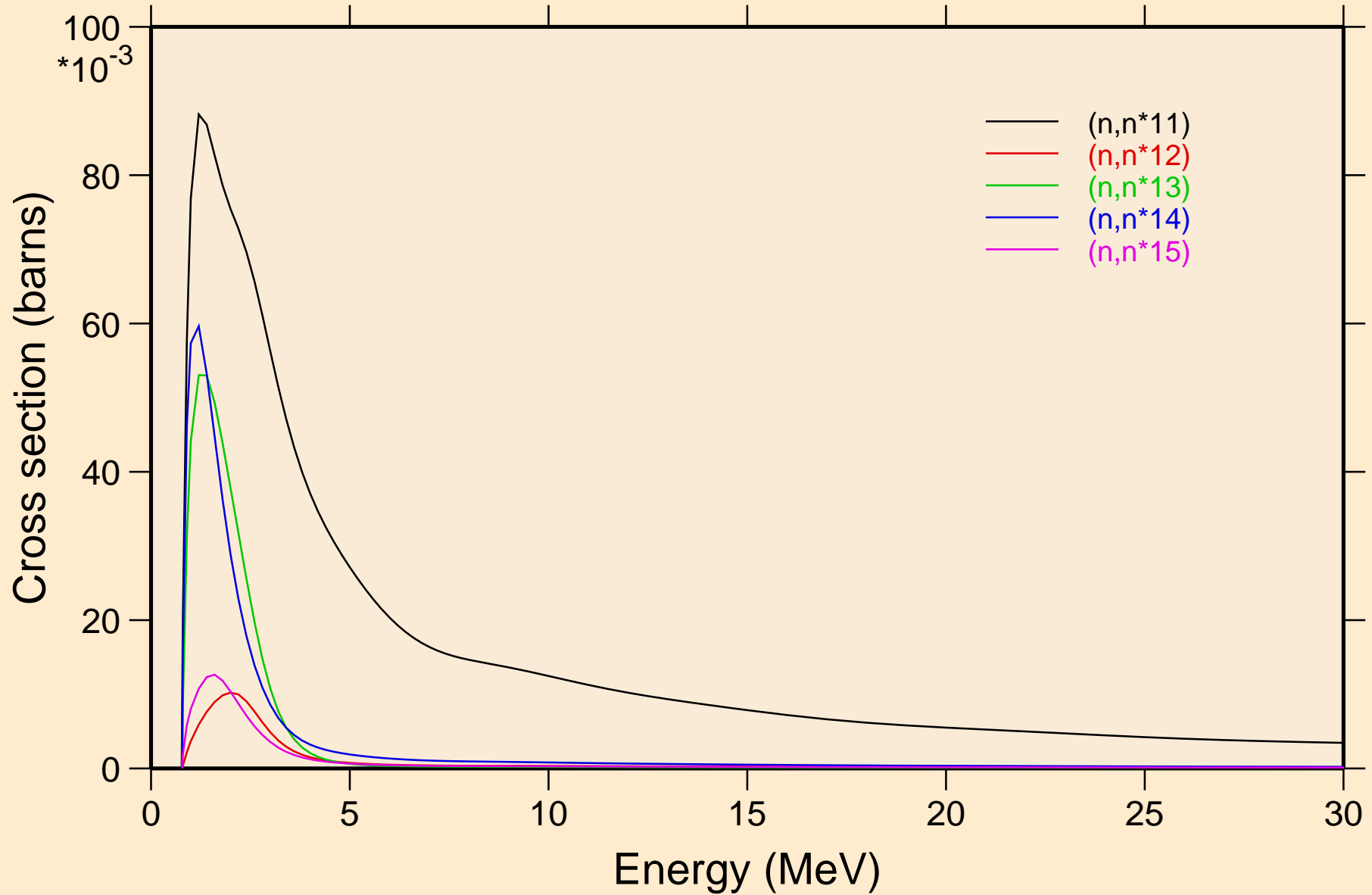
PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



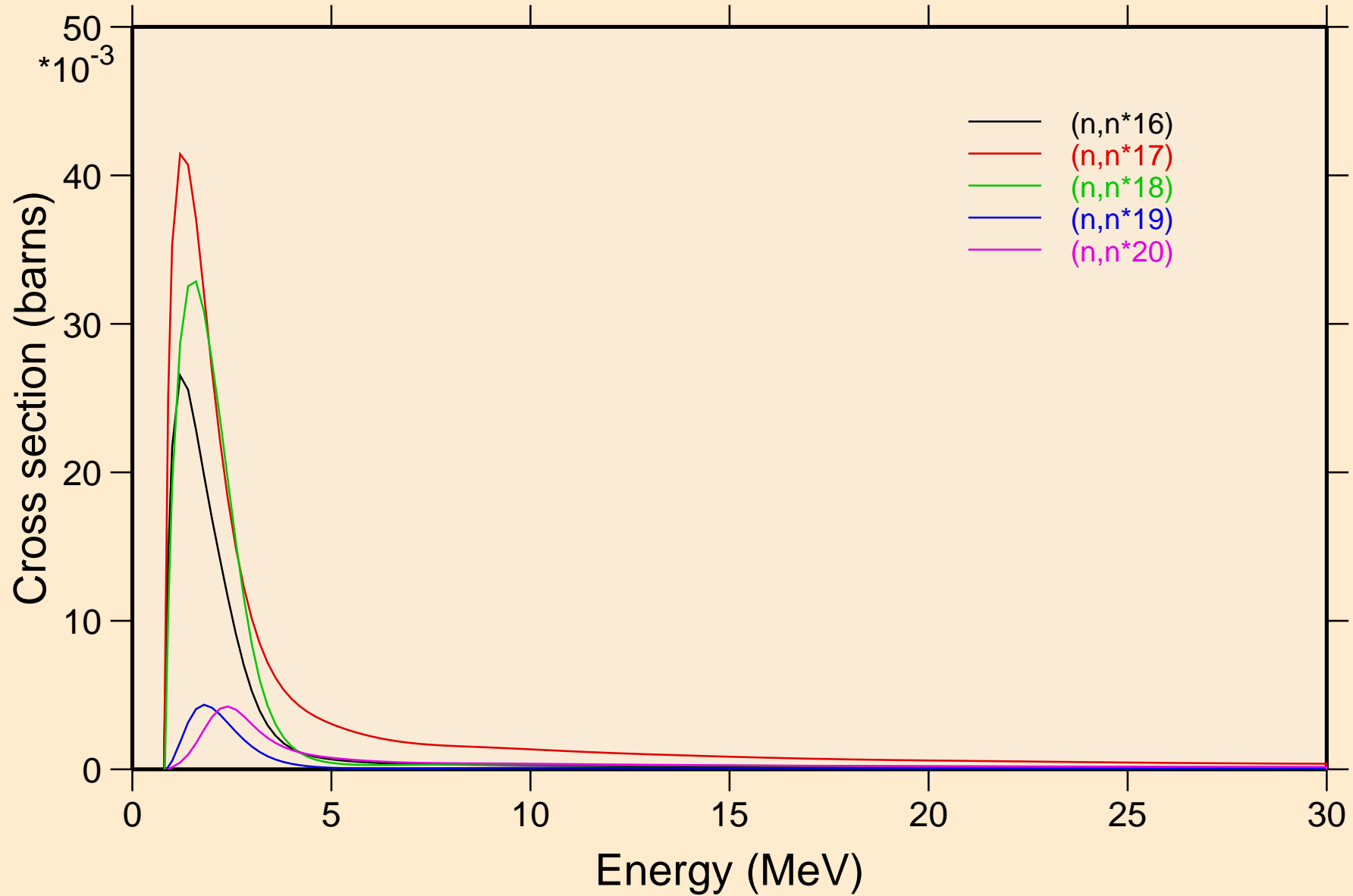
PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



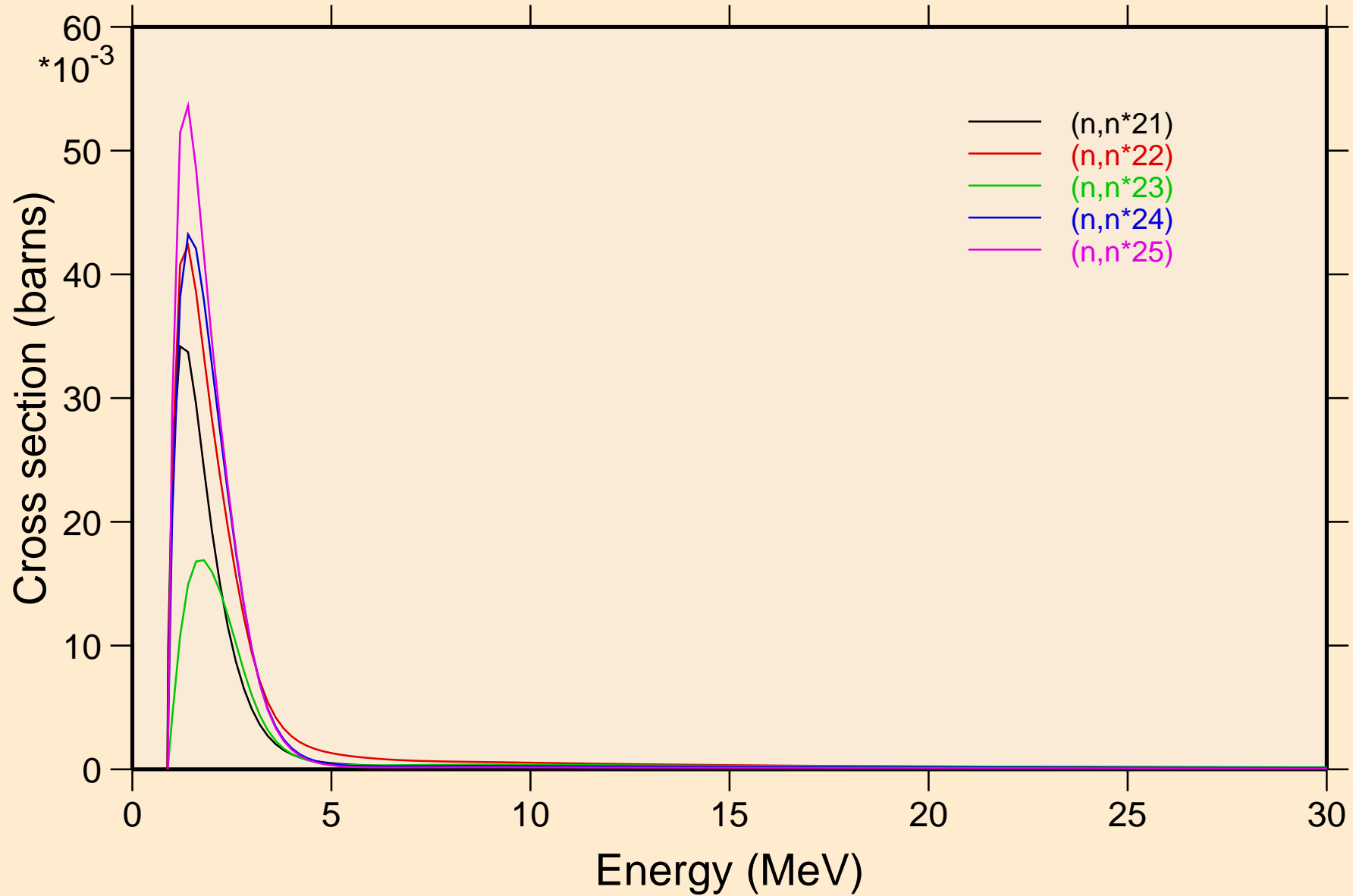
PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



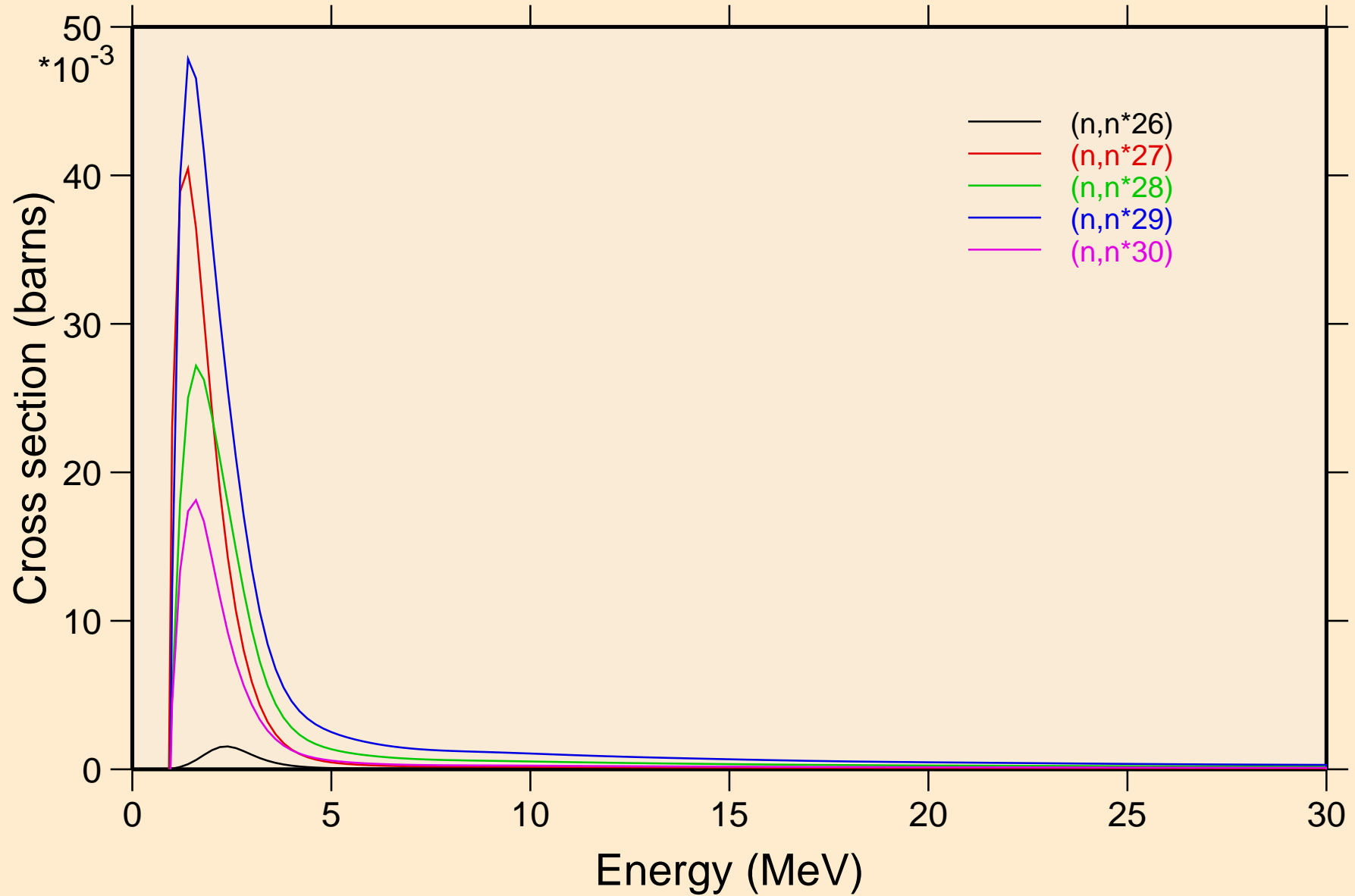
PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



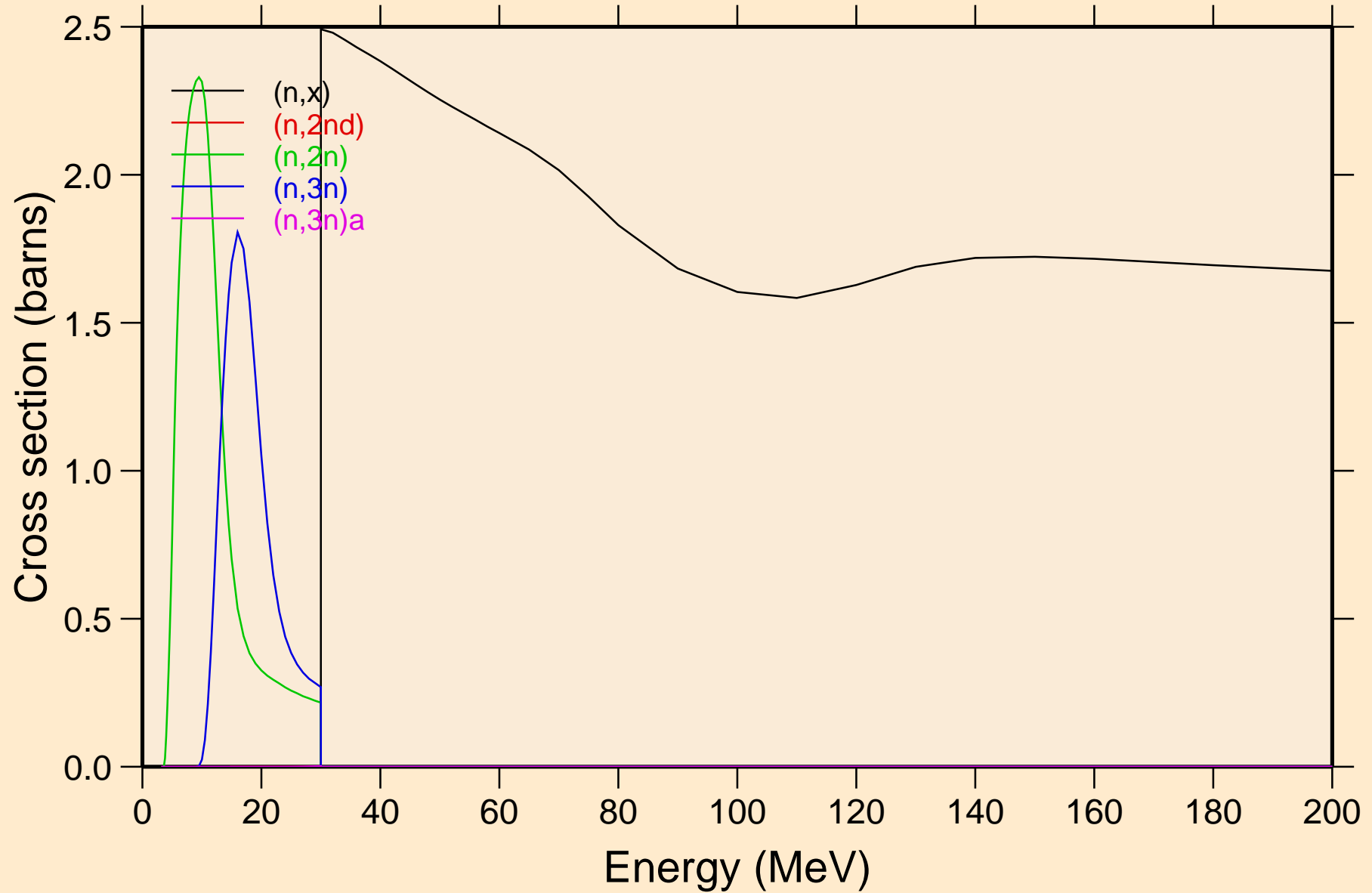
PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

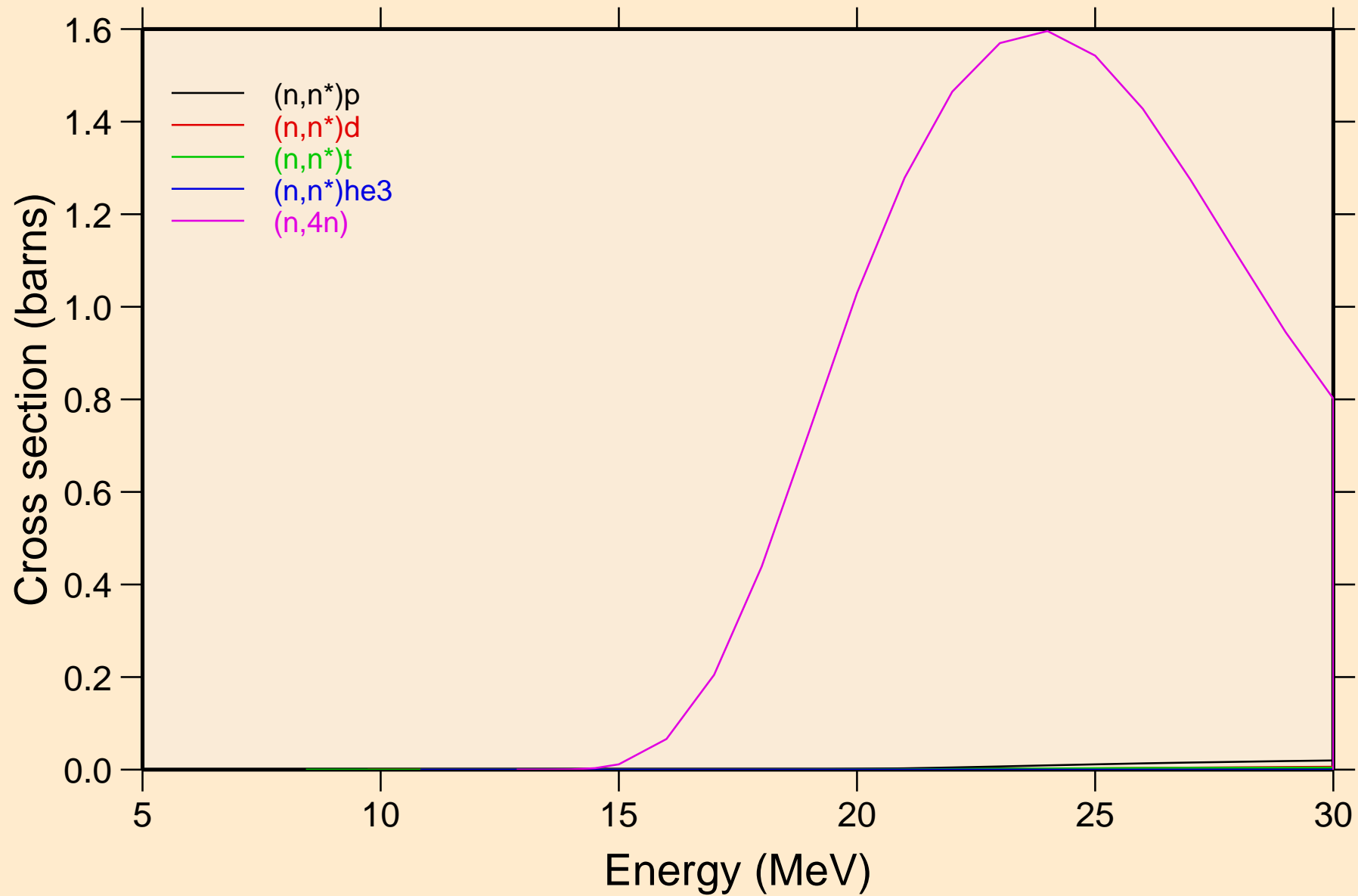


PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

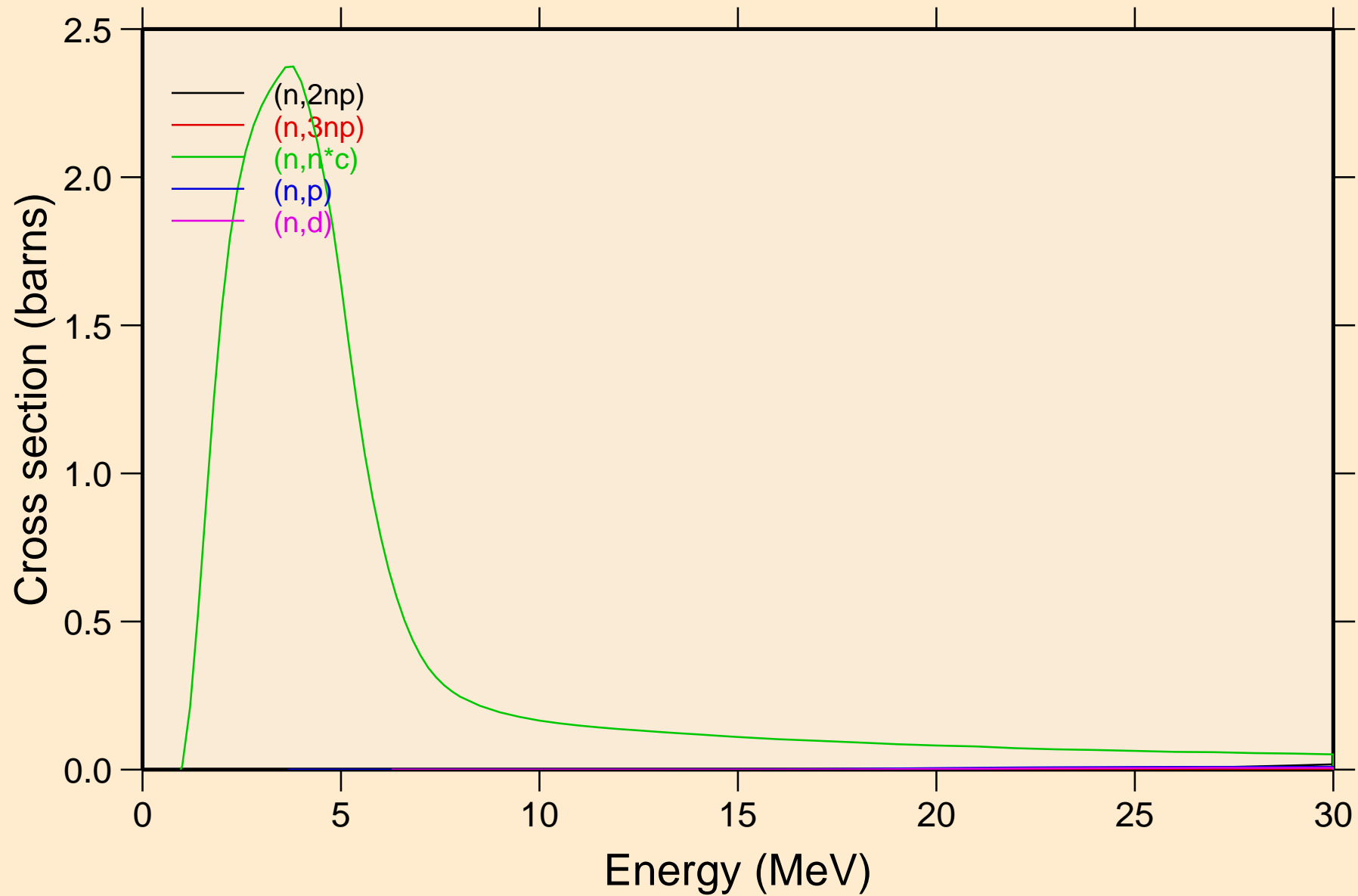




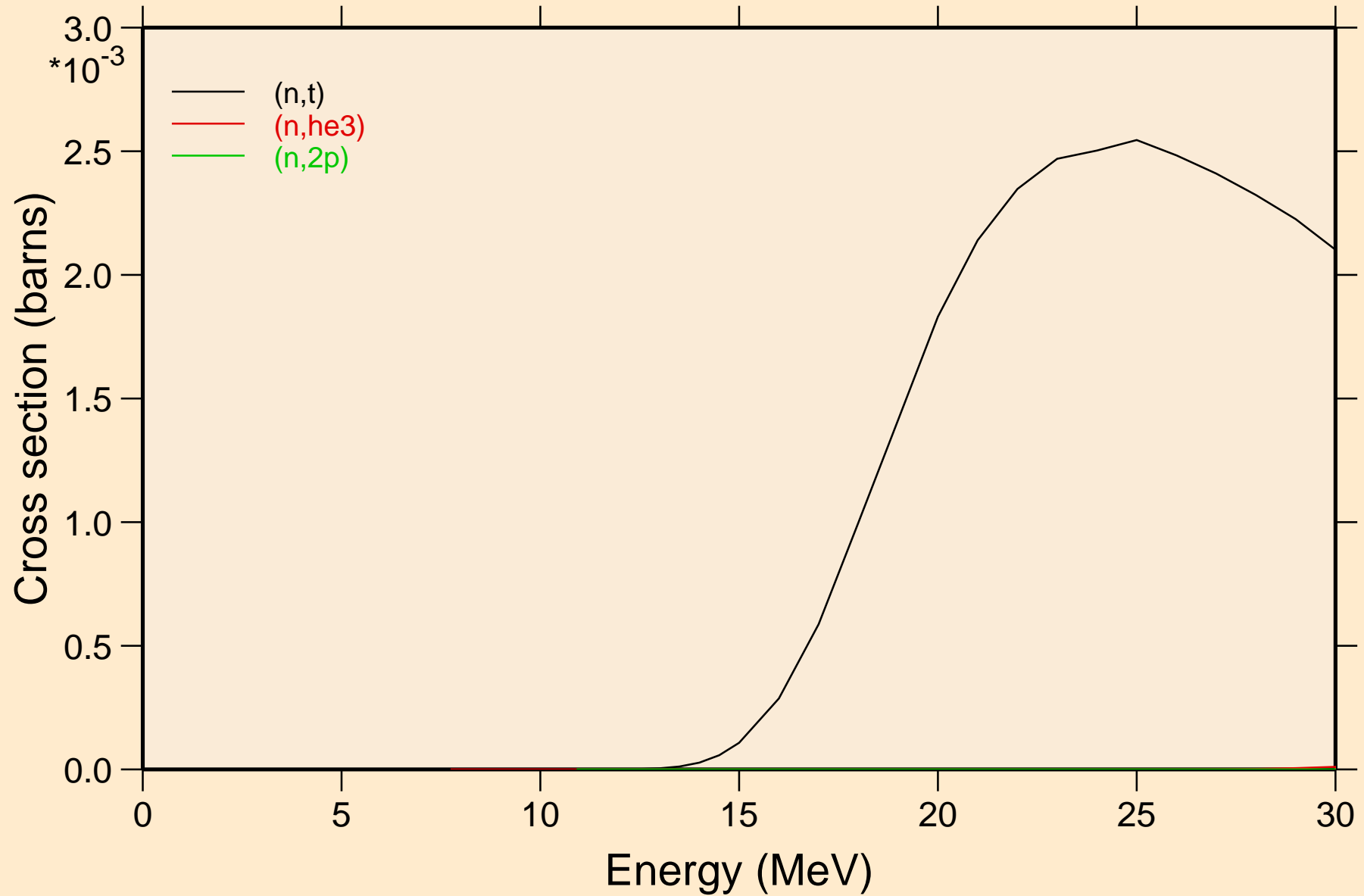
PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



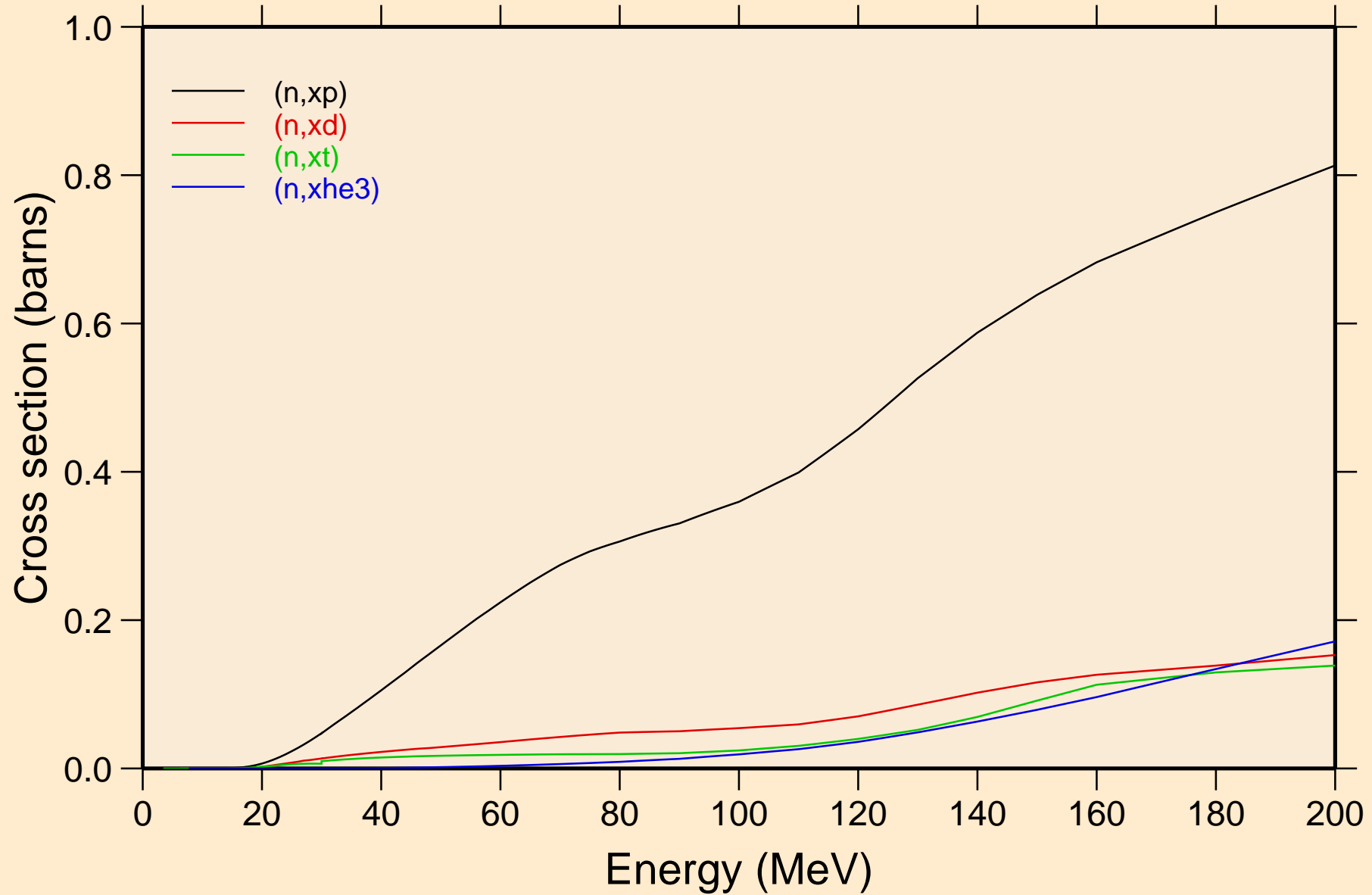
PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



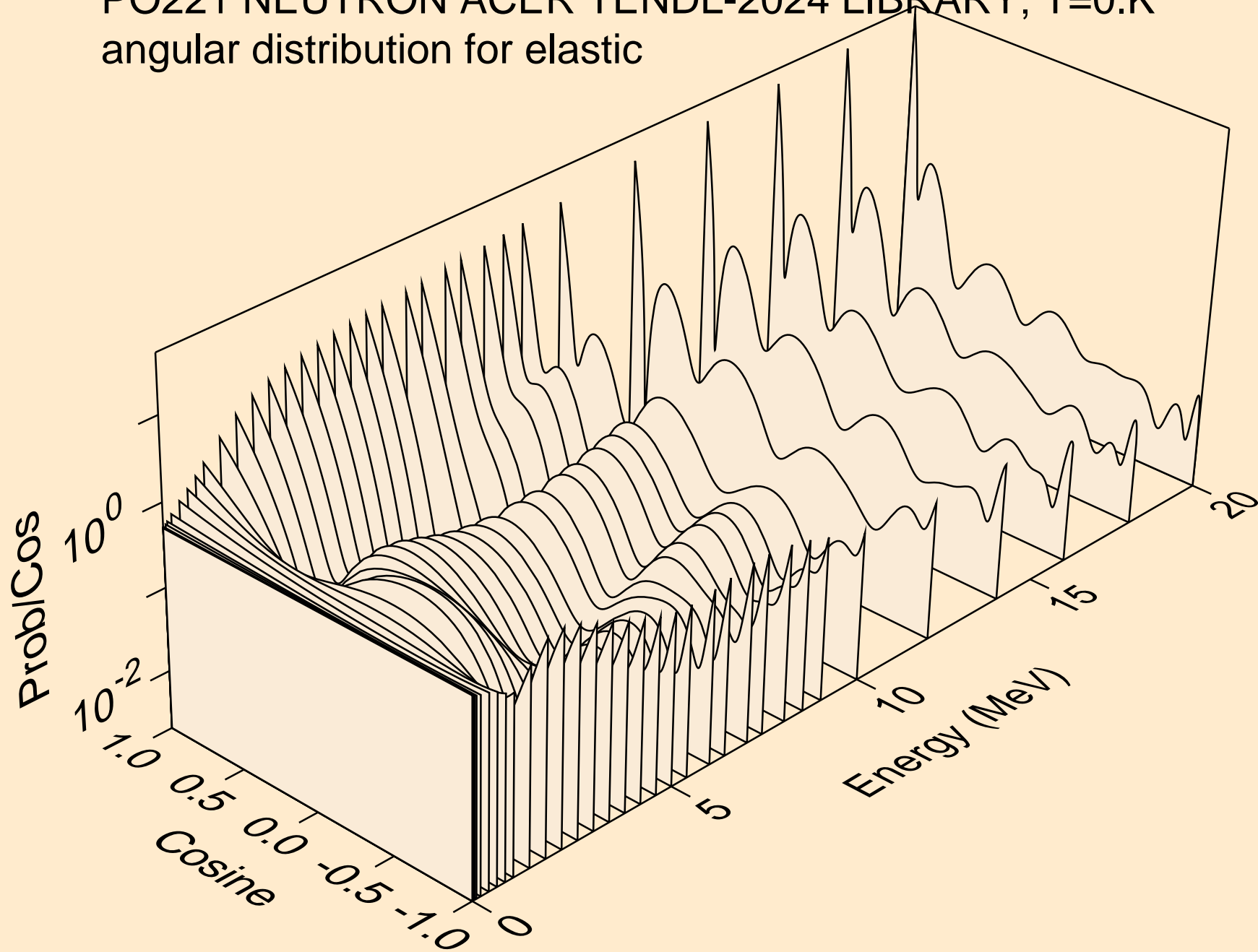
PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



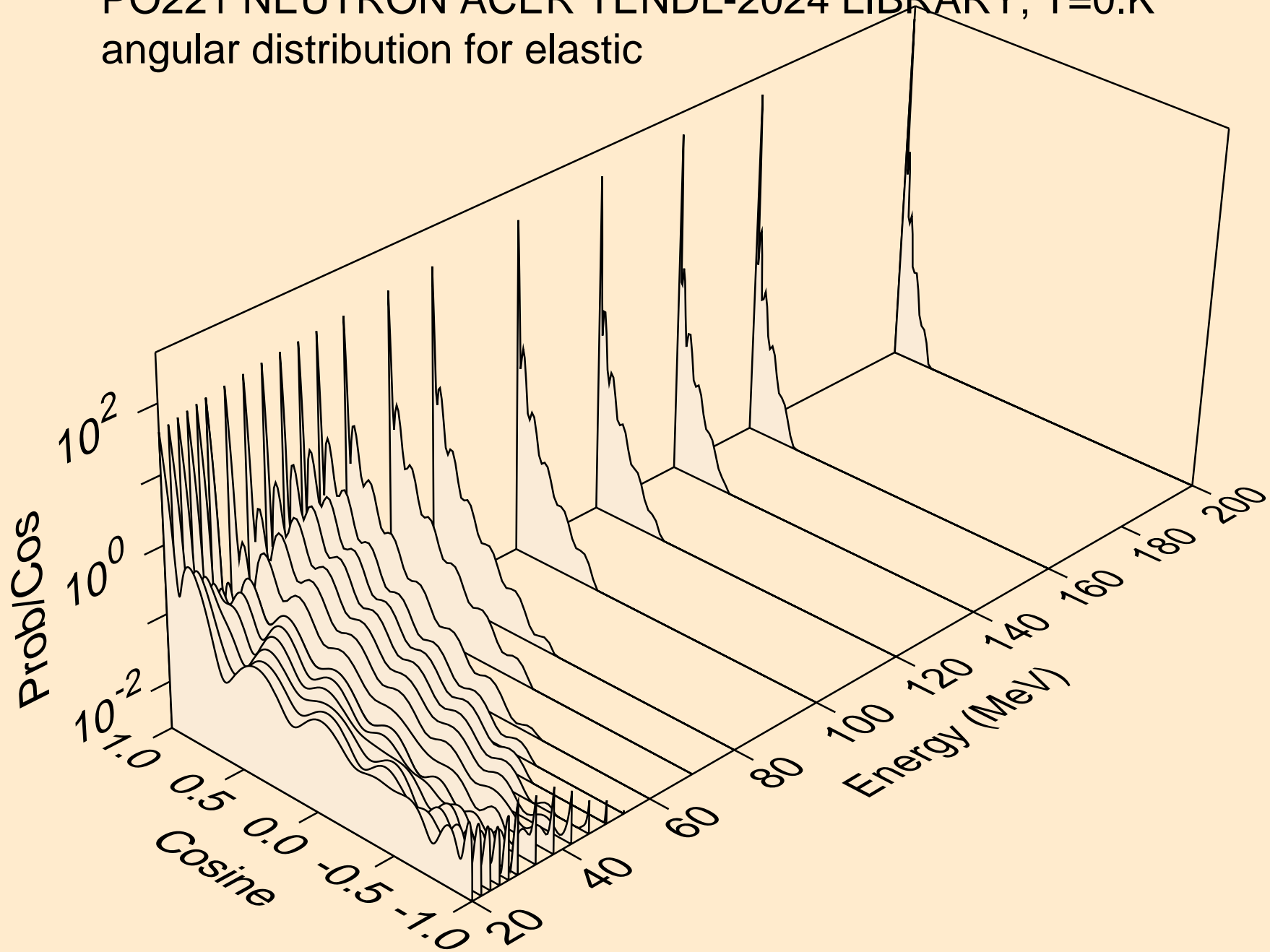
PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



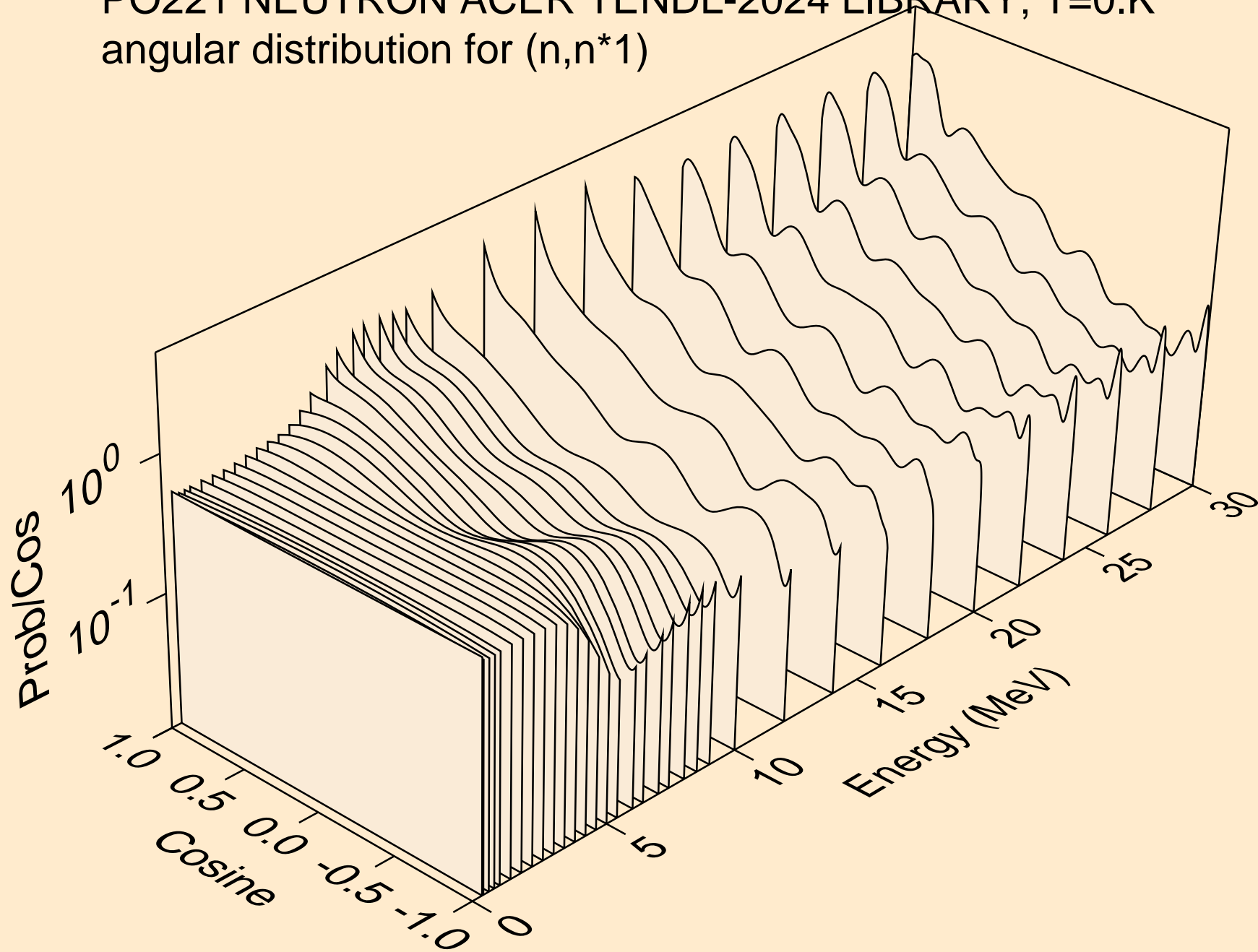
PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



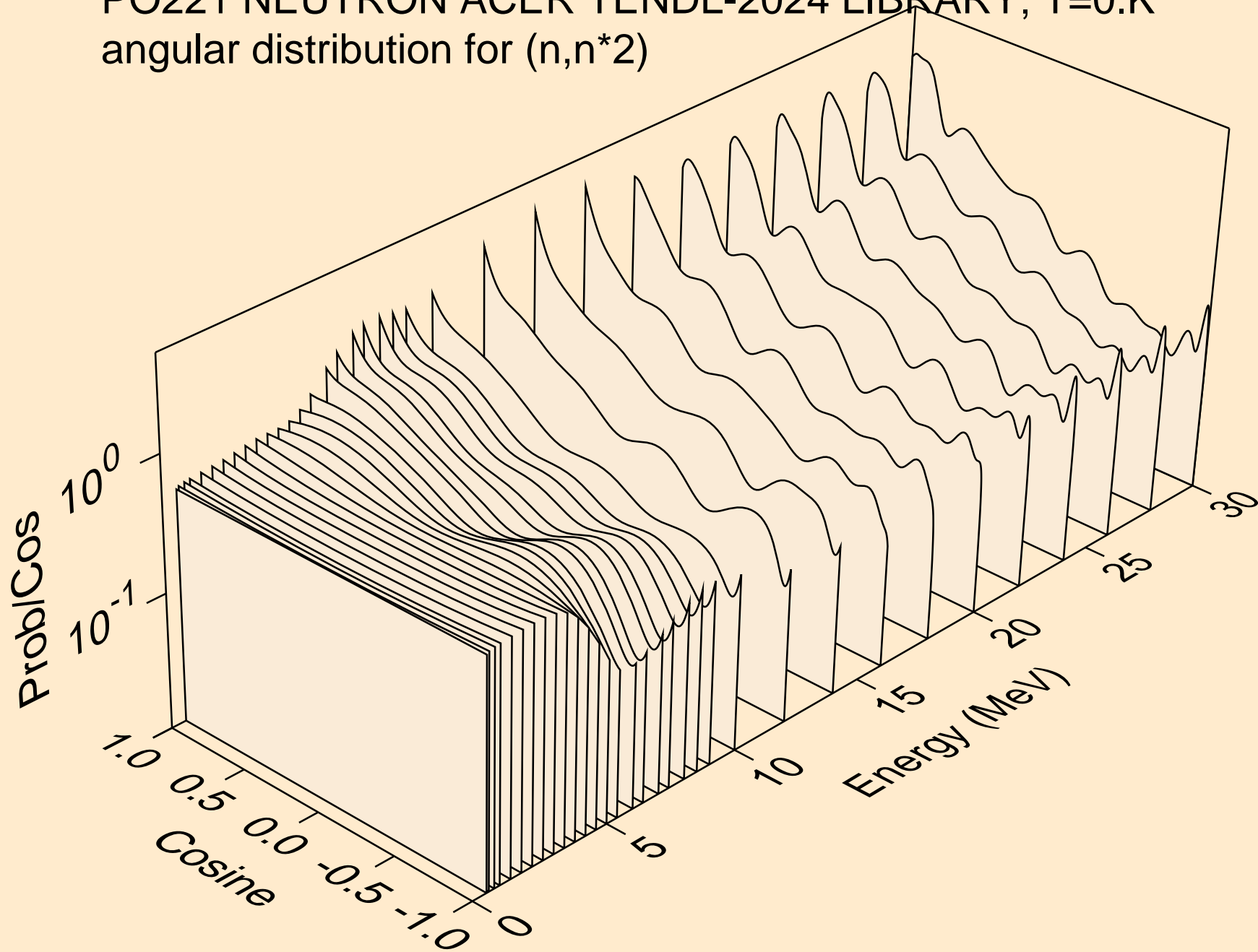
PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

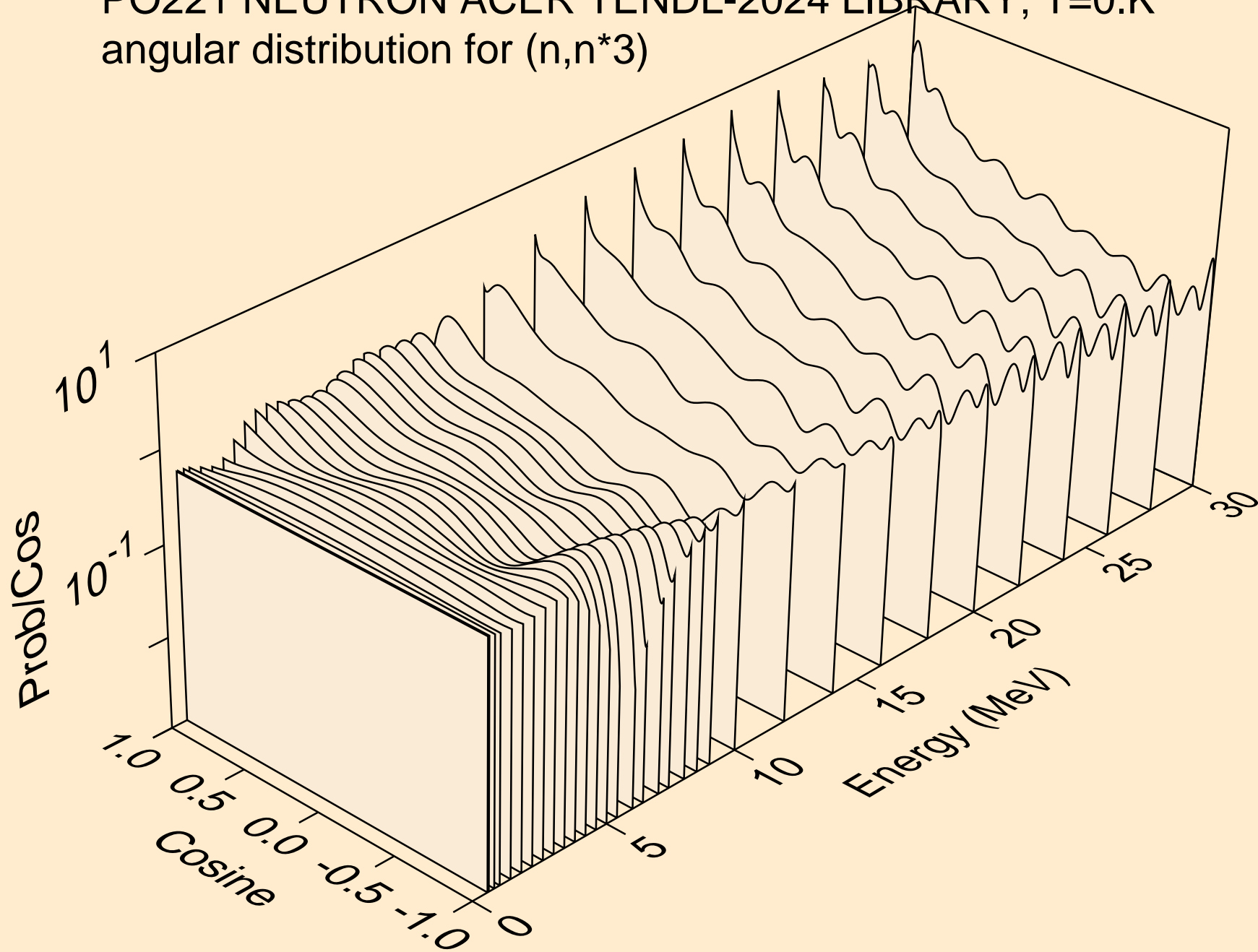


PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

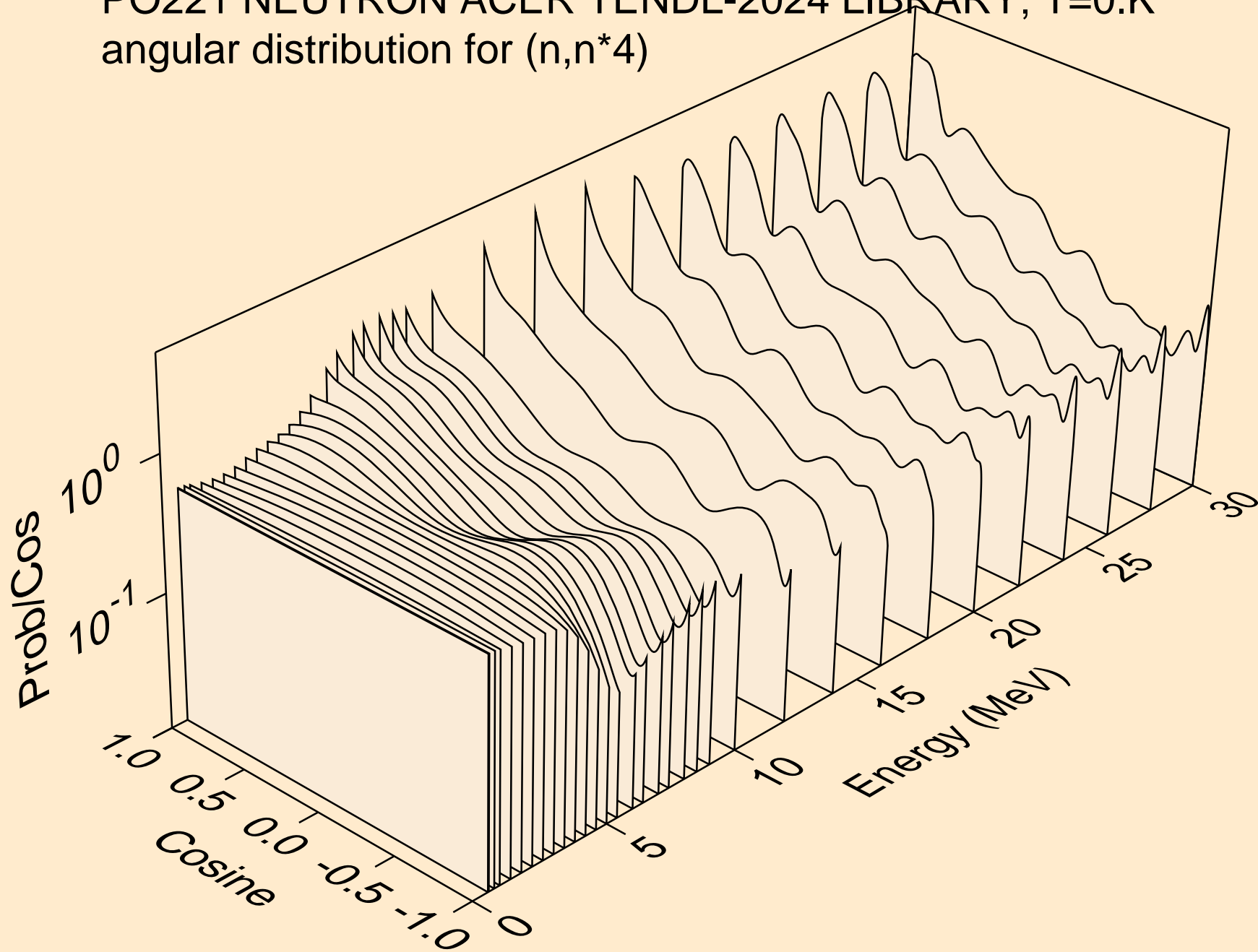




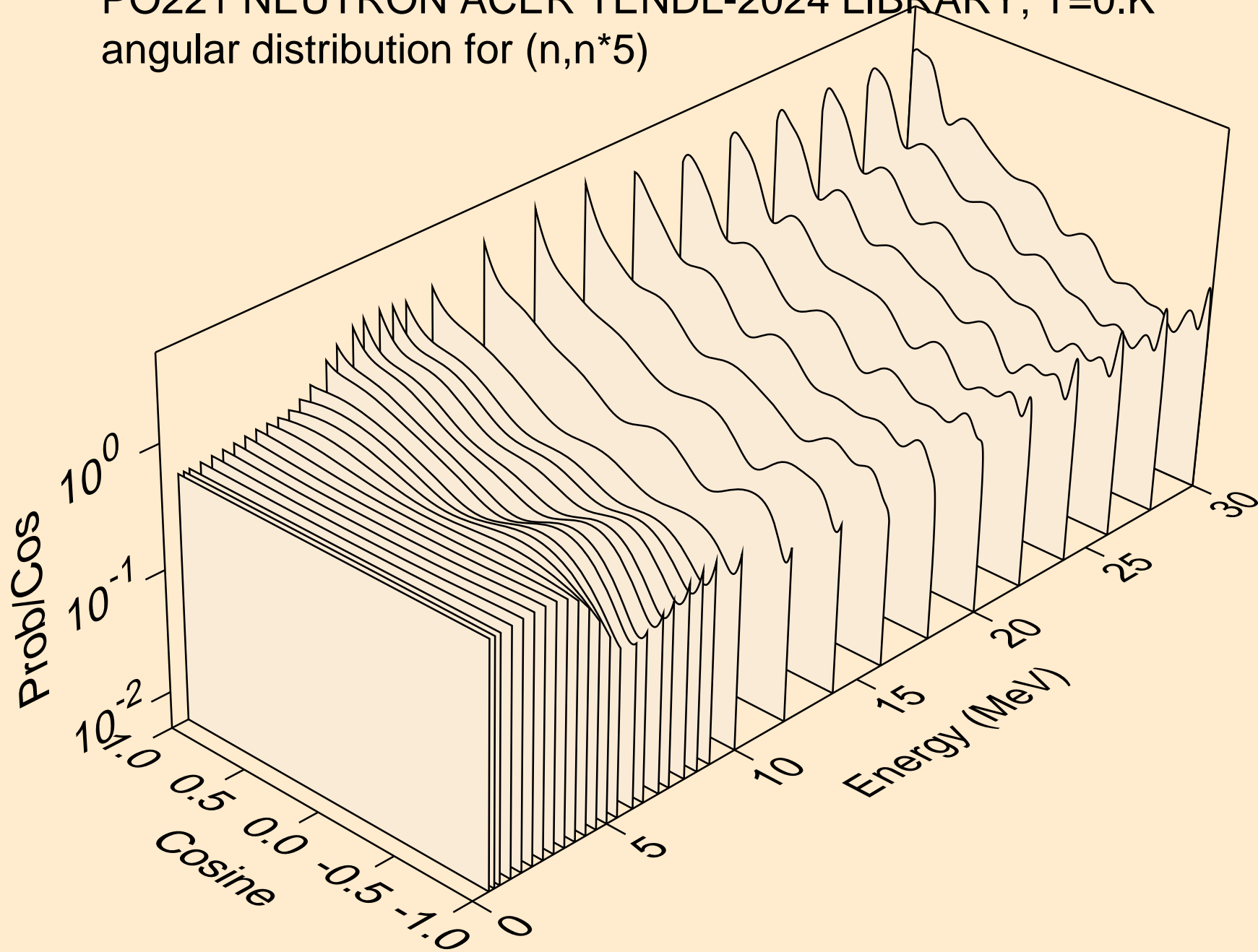
PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



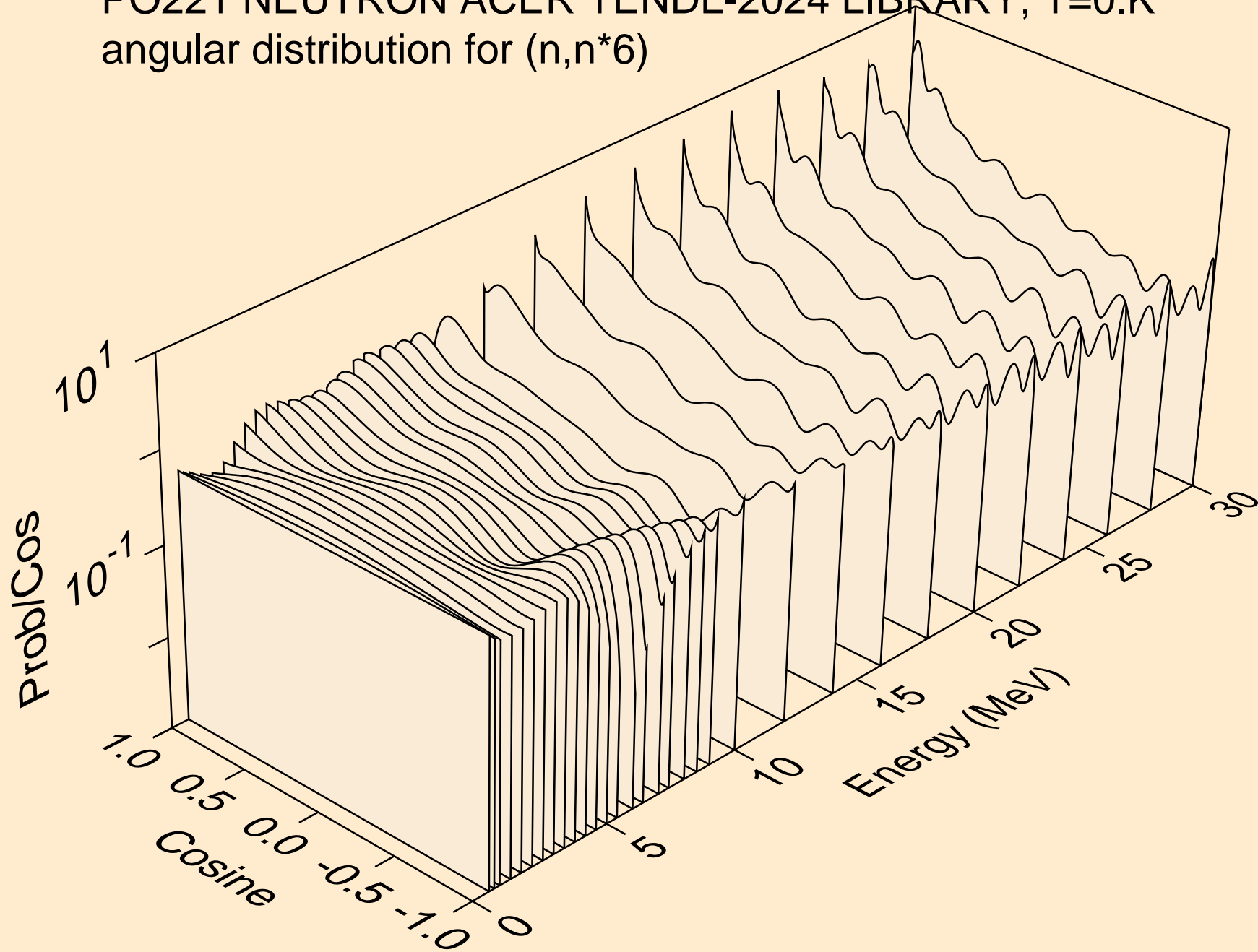
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angular distribution for (n,n\*4)



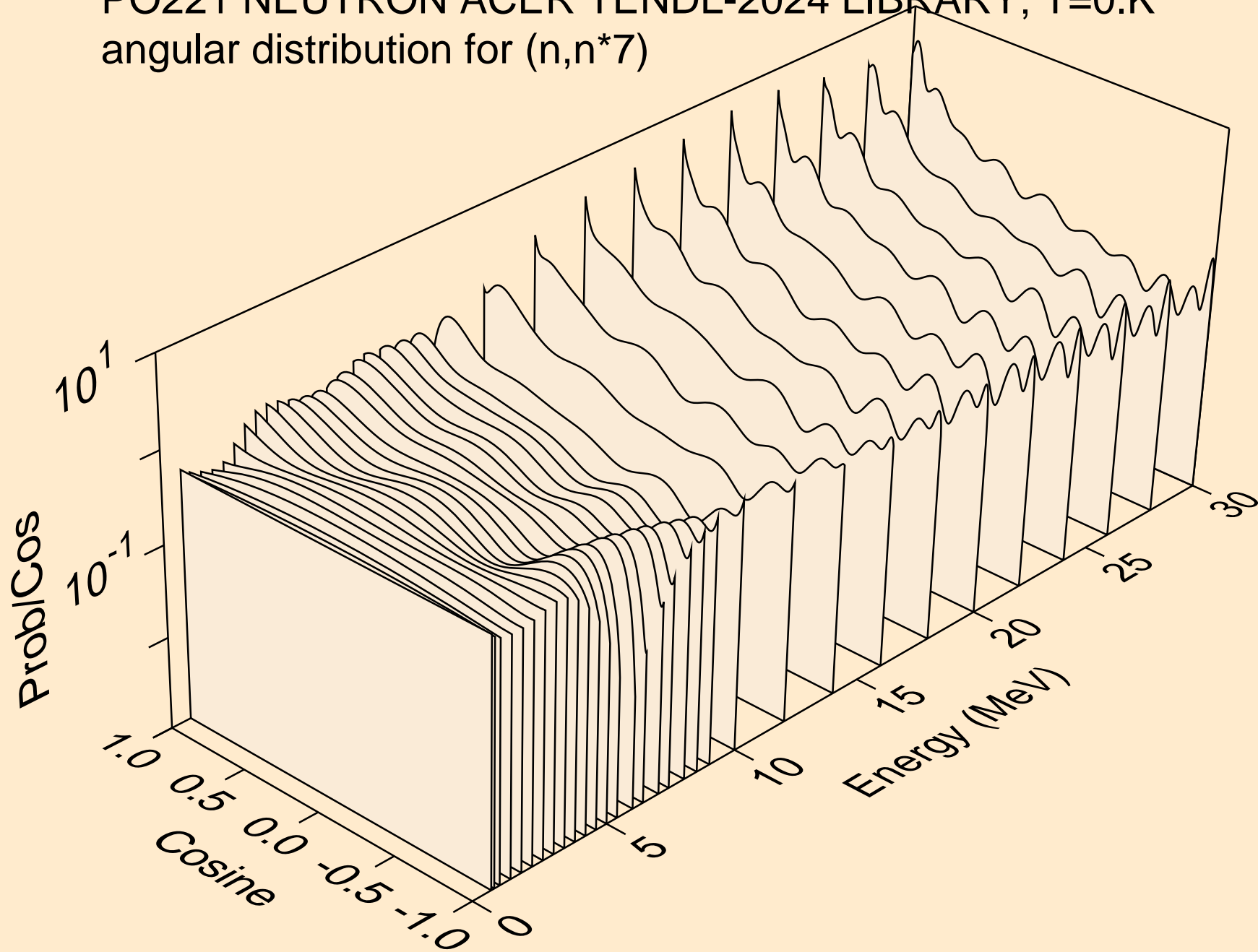
PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



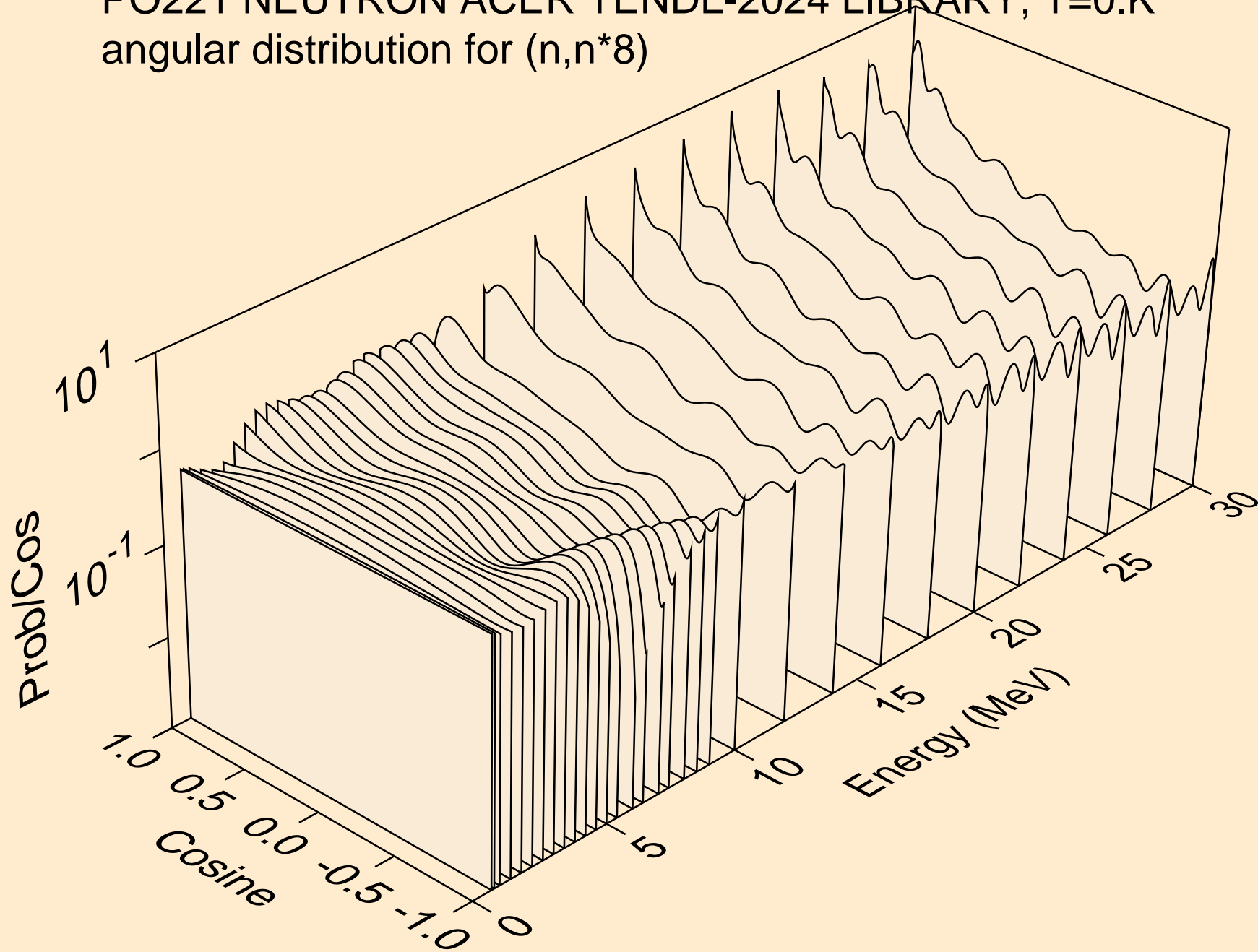
PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



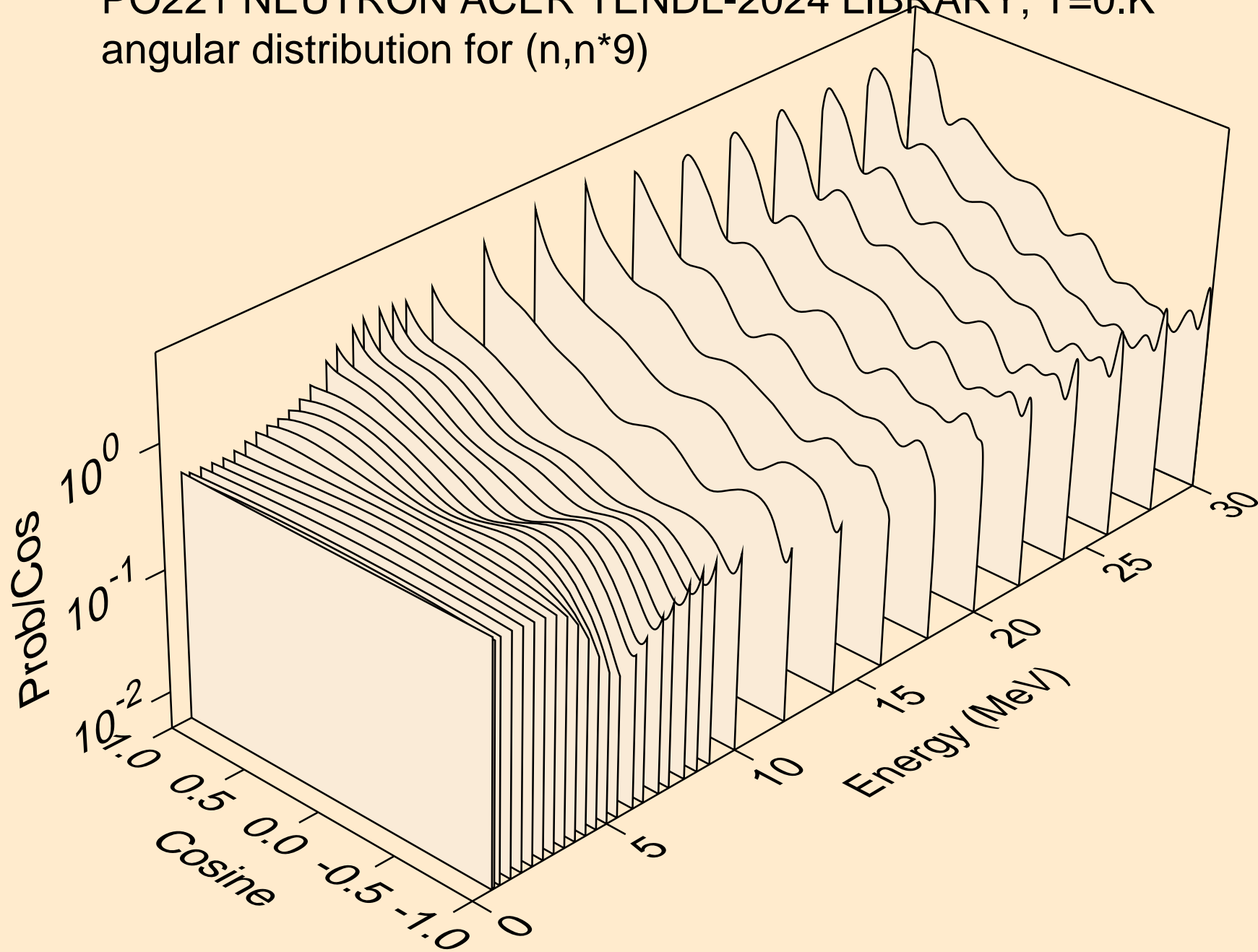
PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)

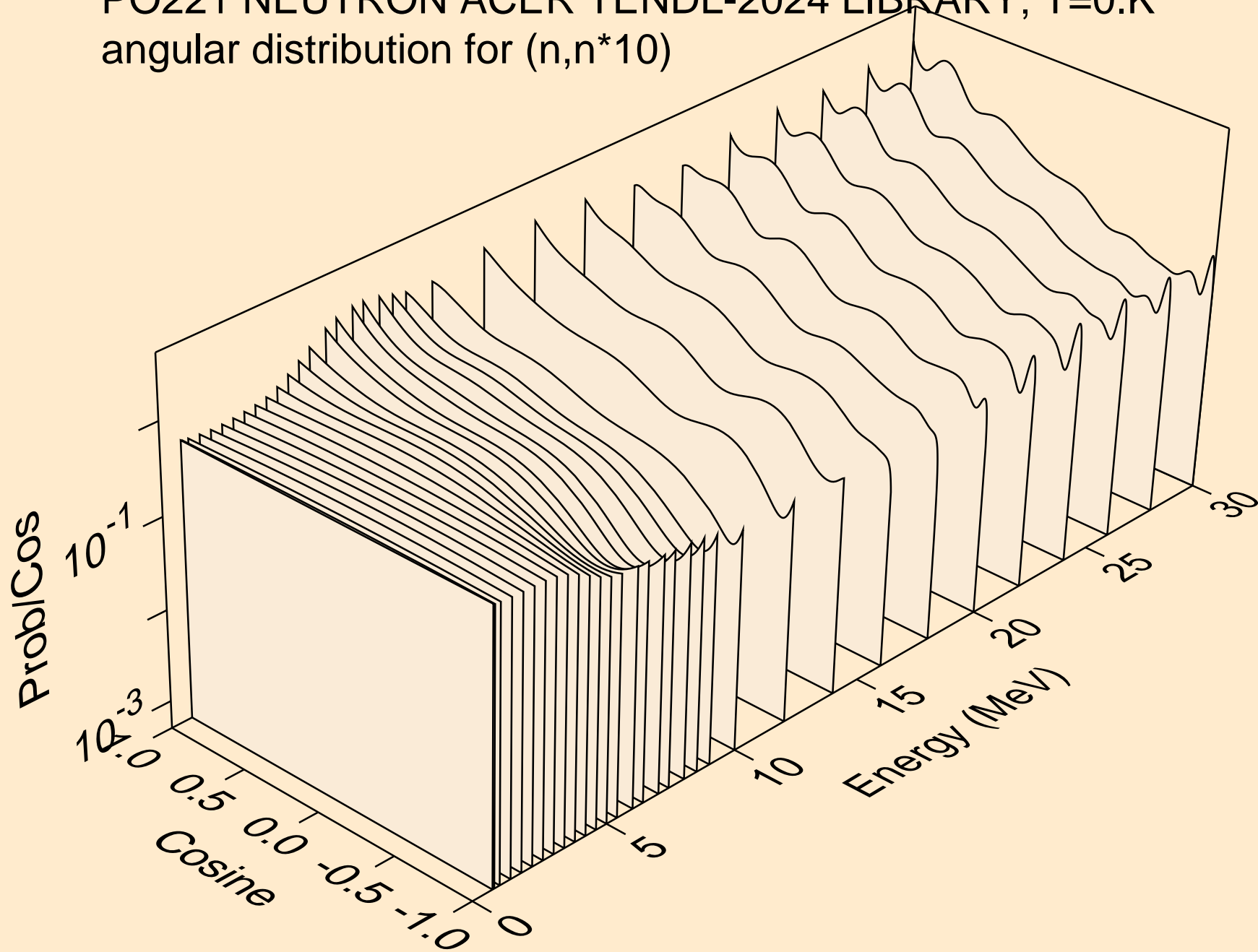


PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



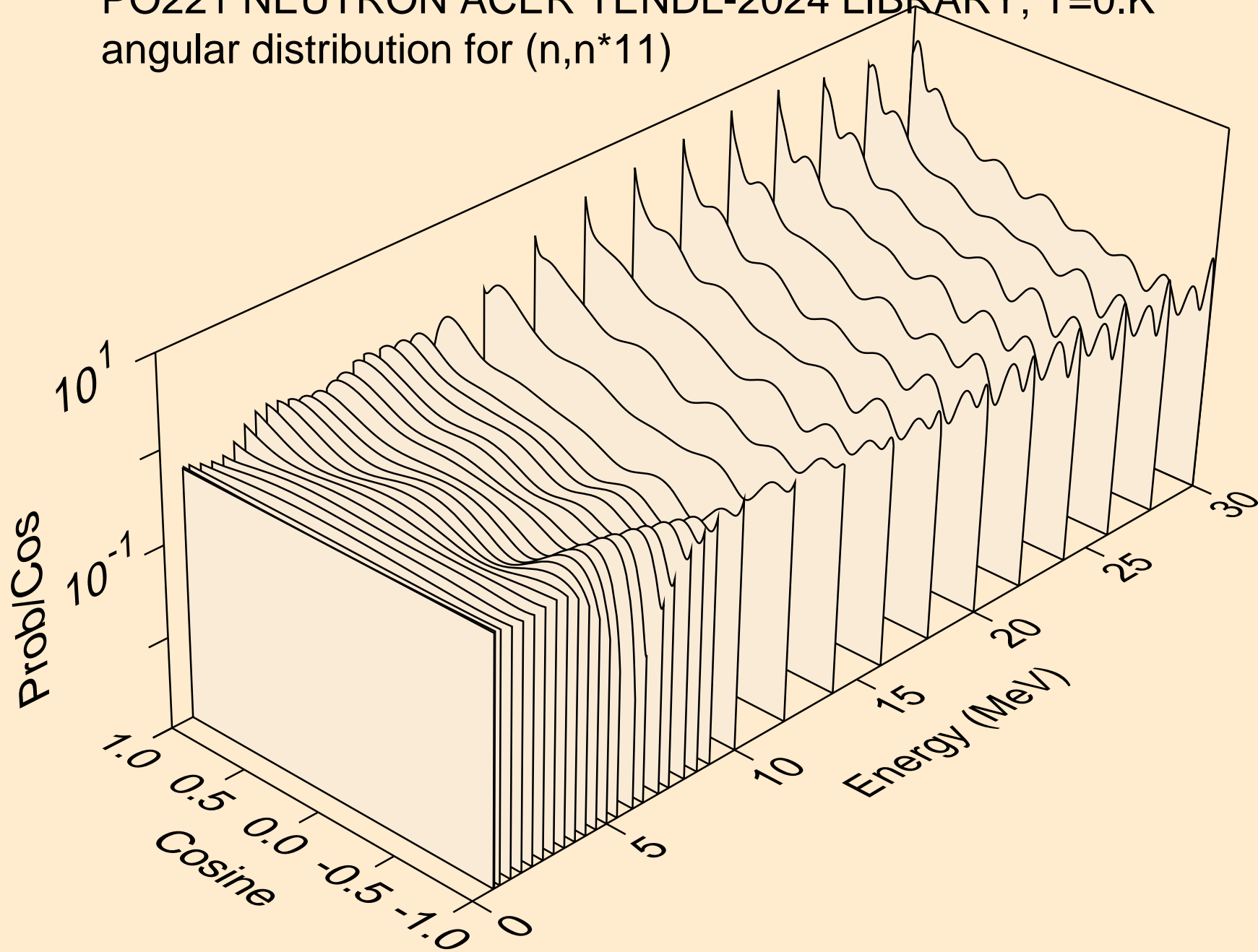


PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)

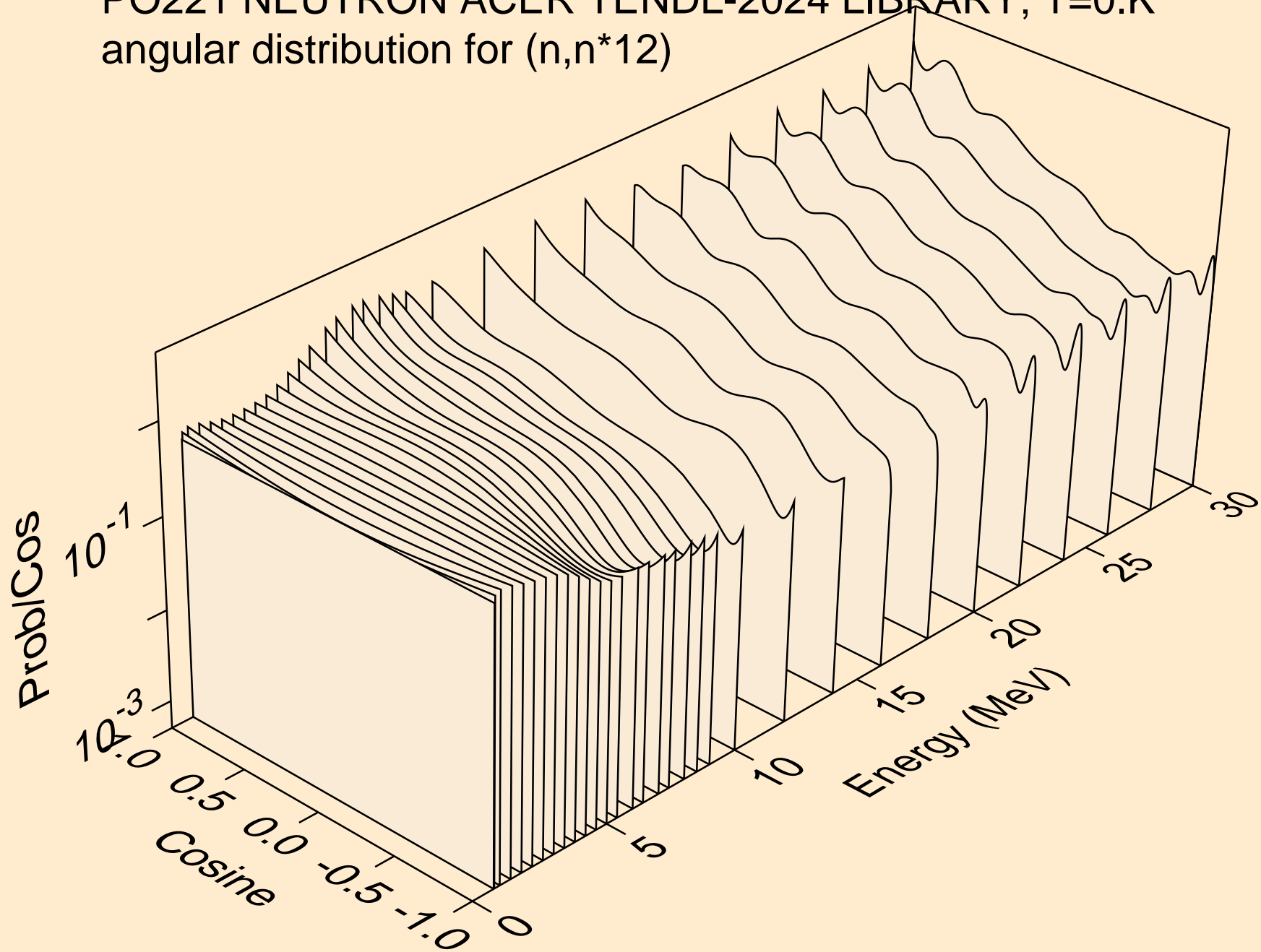




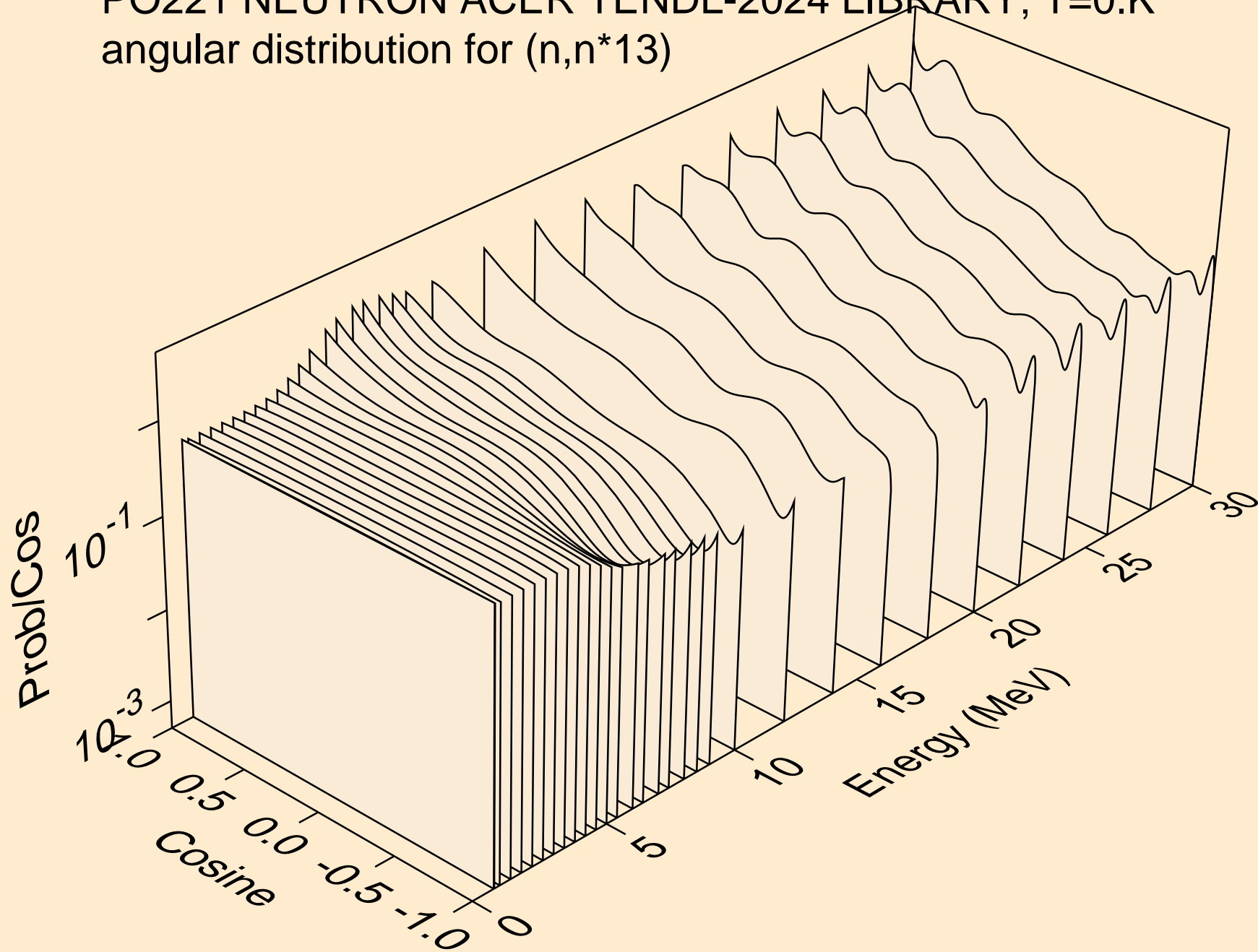
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angular distribution for (n,n\*11)



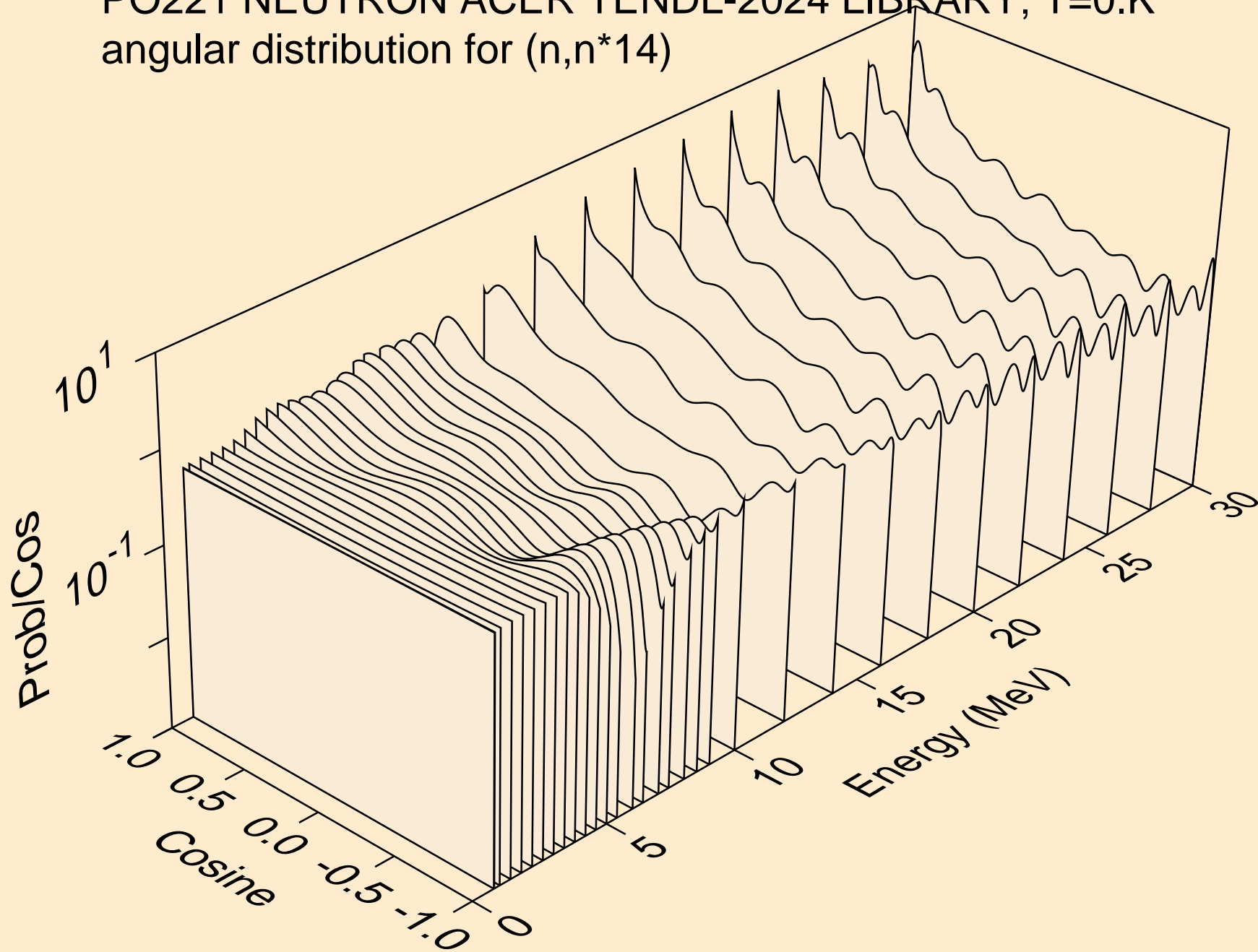
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angular distribution for (n,n\*12)



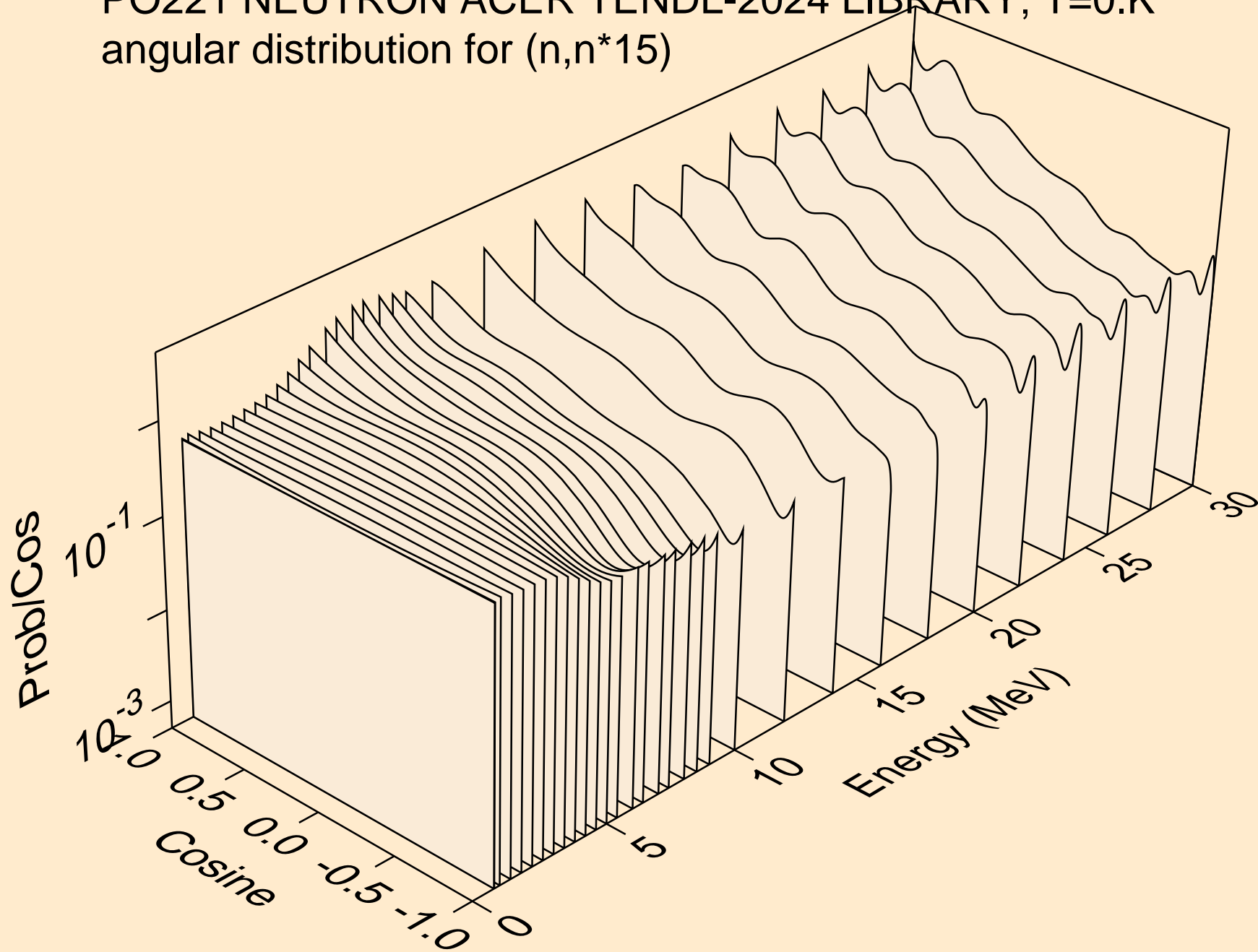
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angular distribution for (n,n\*13)



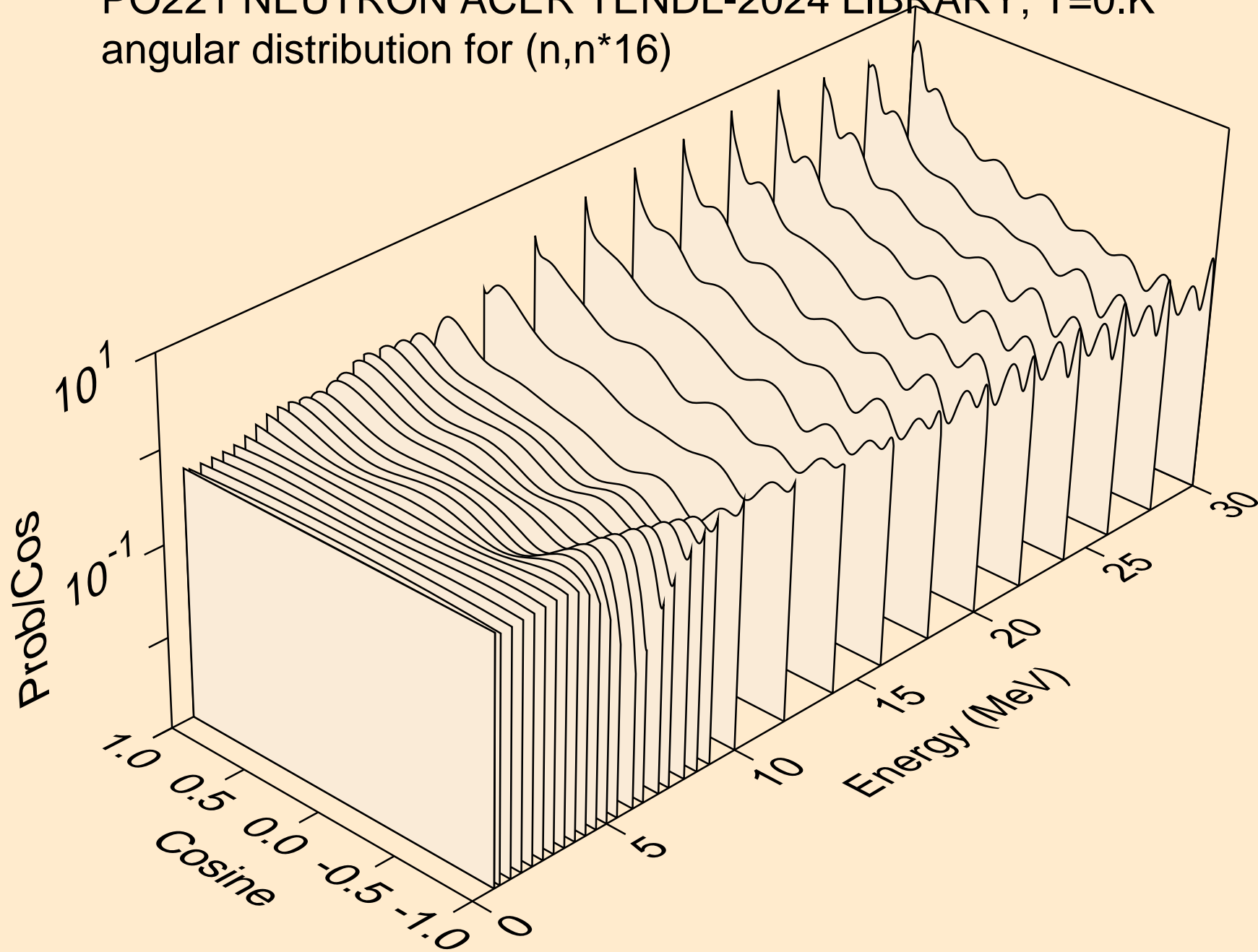
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angular distribution for (n,n\*14)



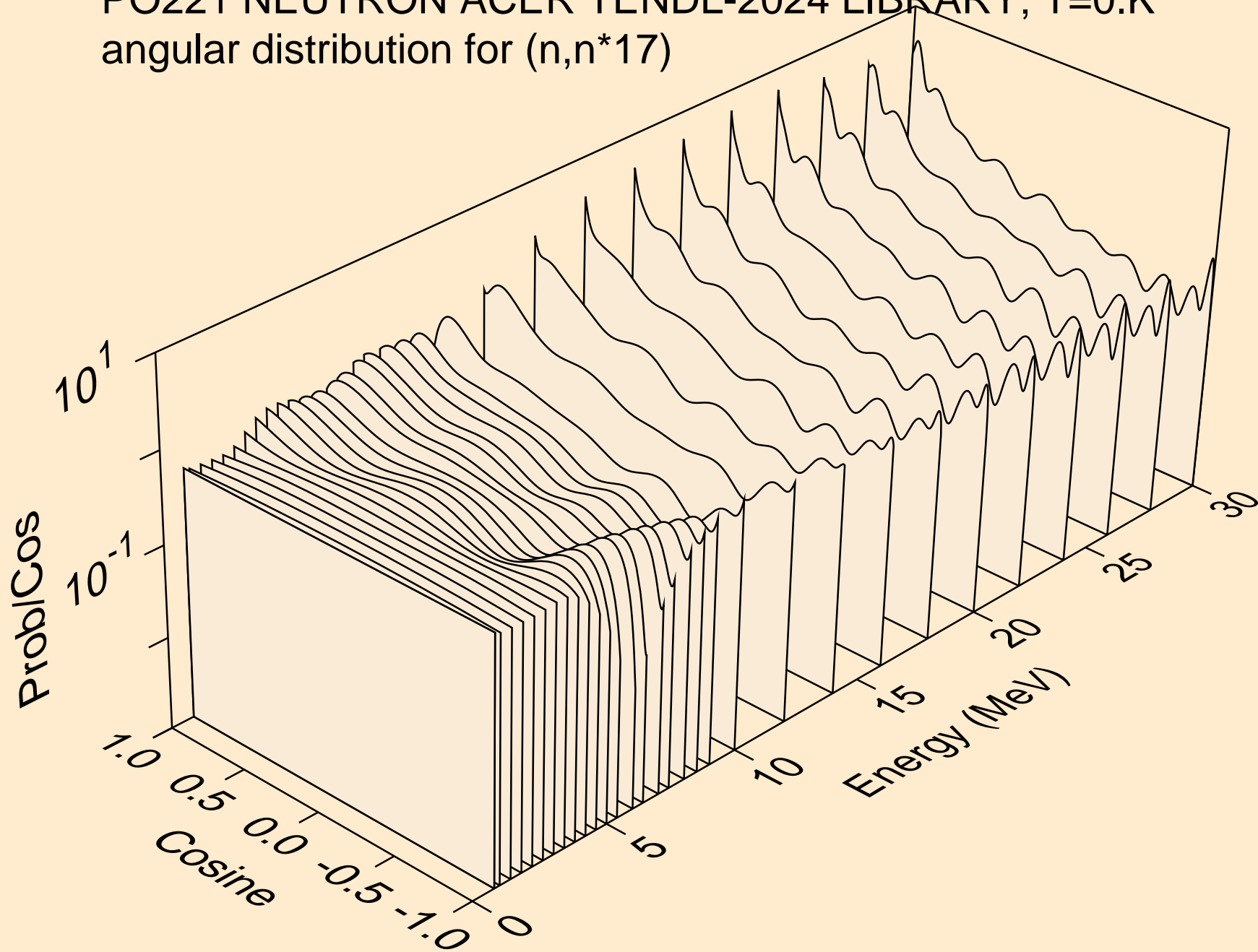
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angular distribution for (n,n\*15)



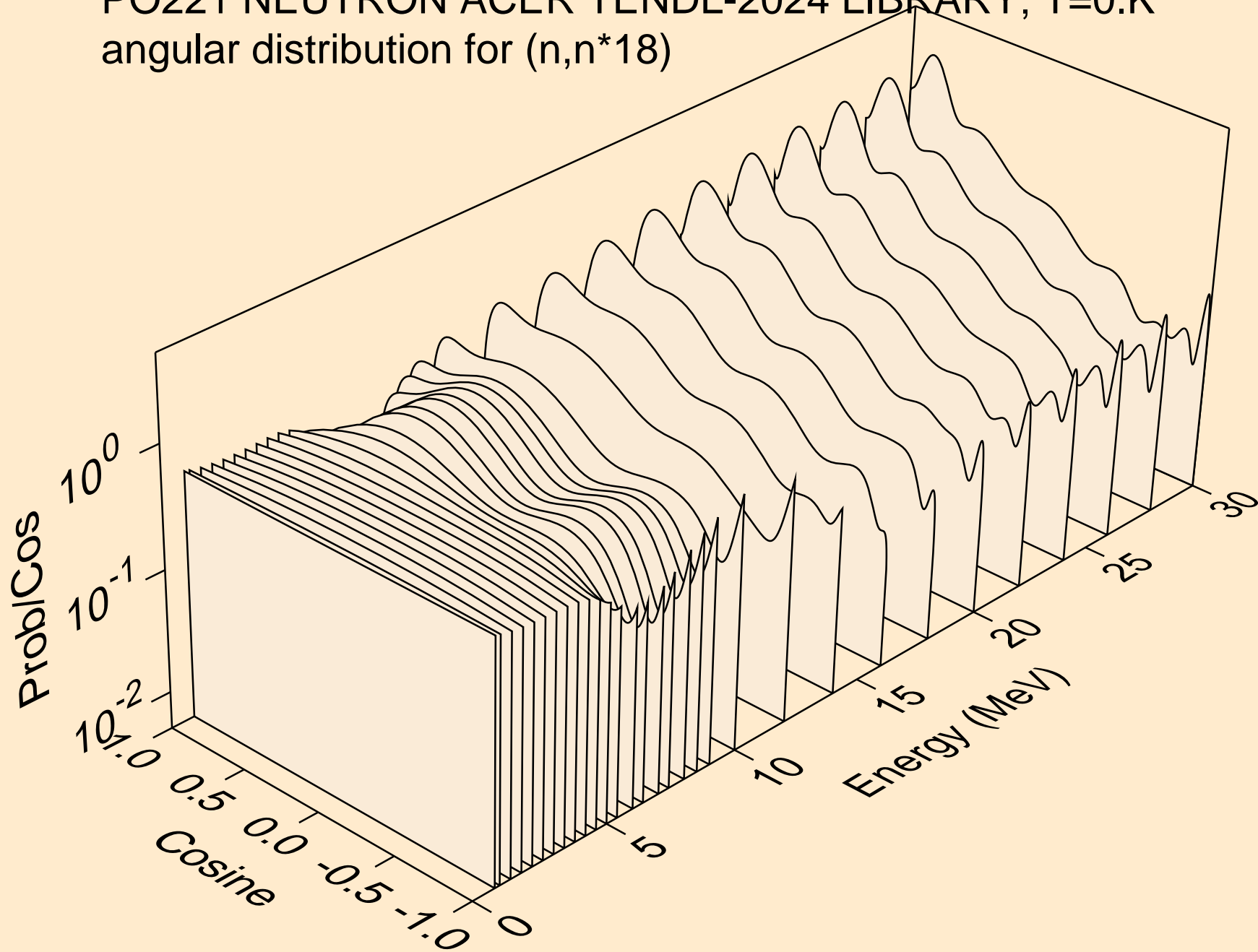
PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)

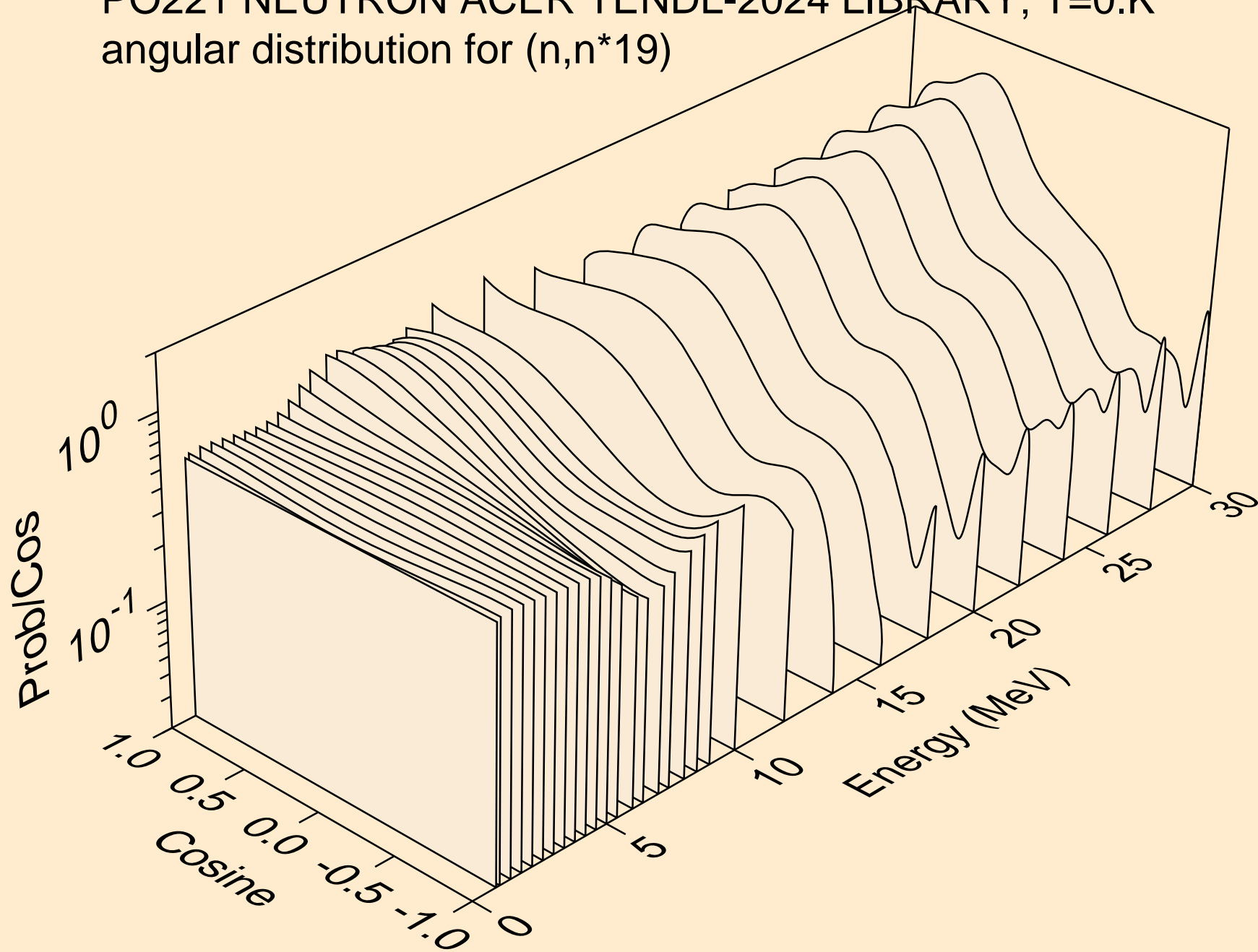


PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)

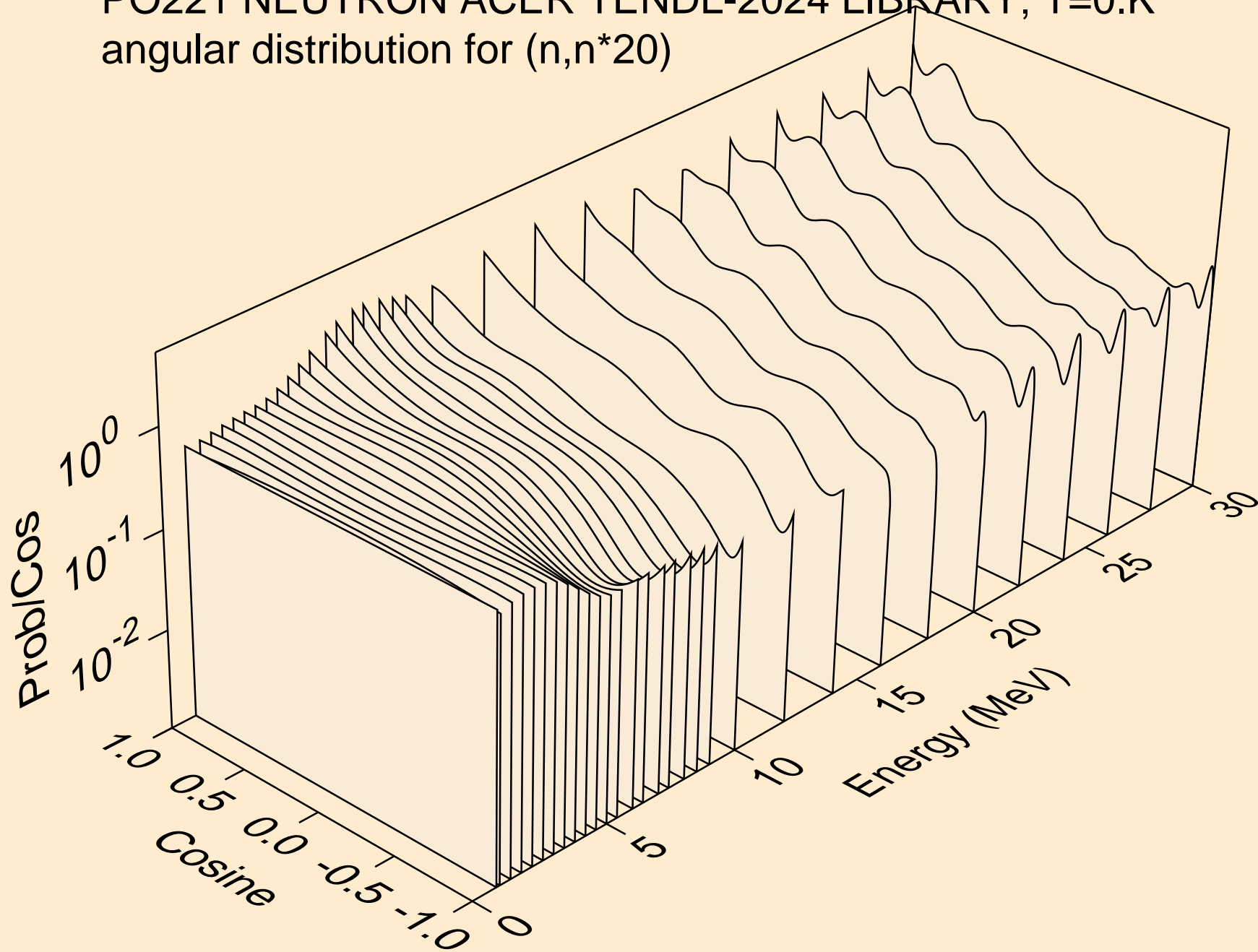




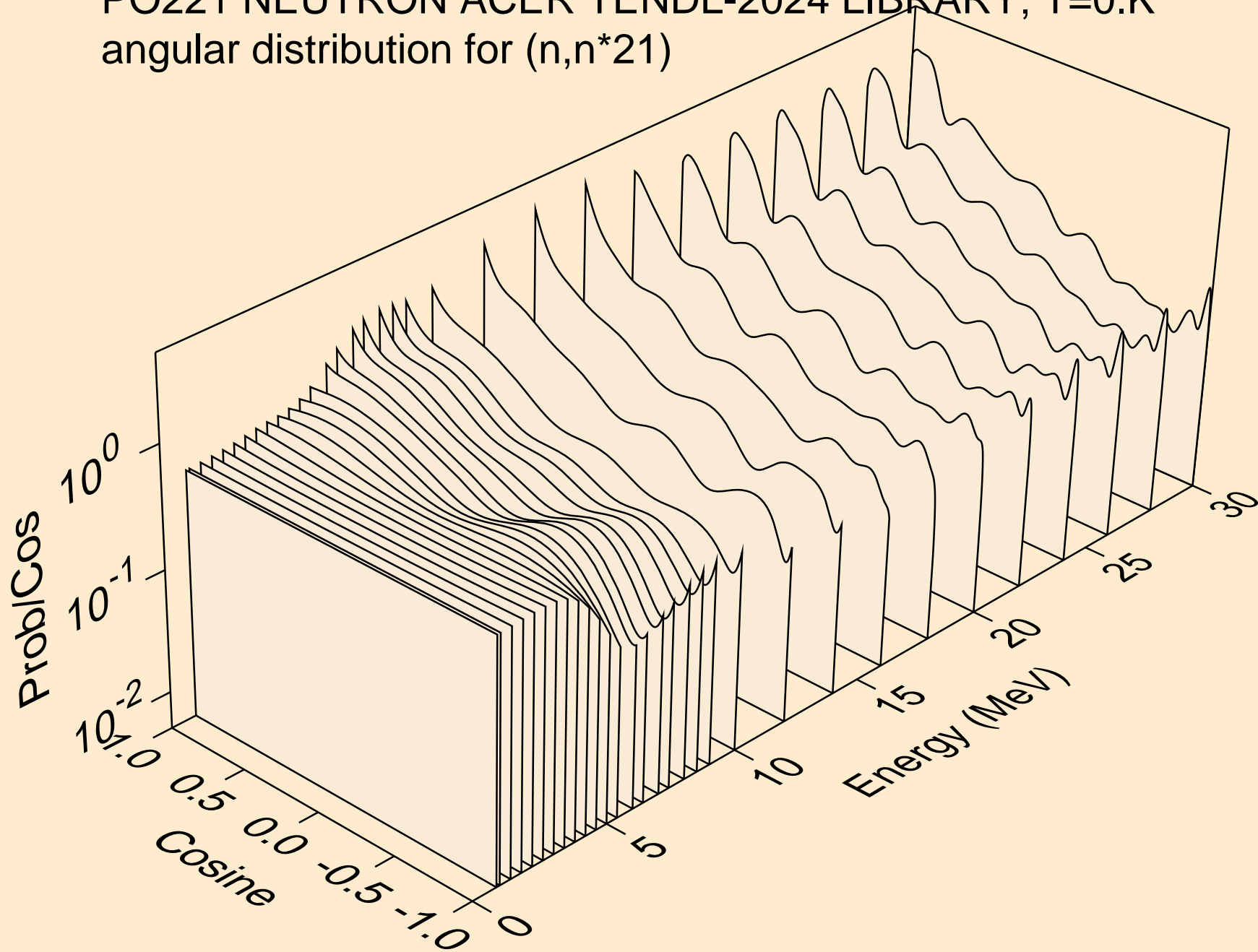
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angular distribution for (n,n\*19)



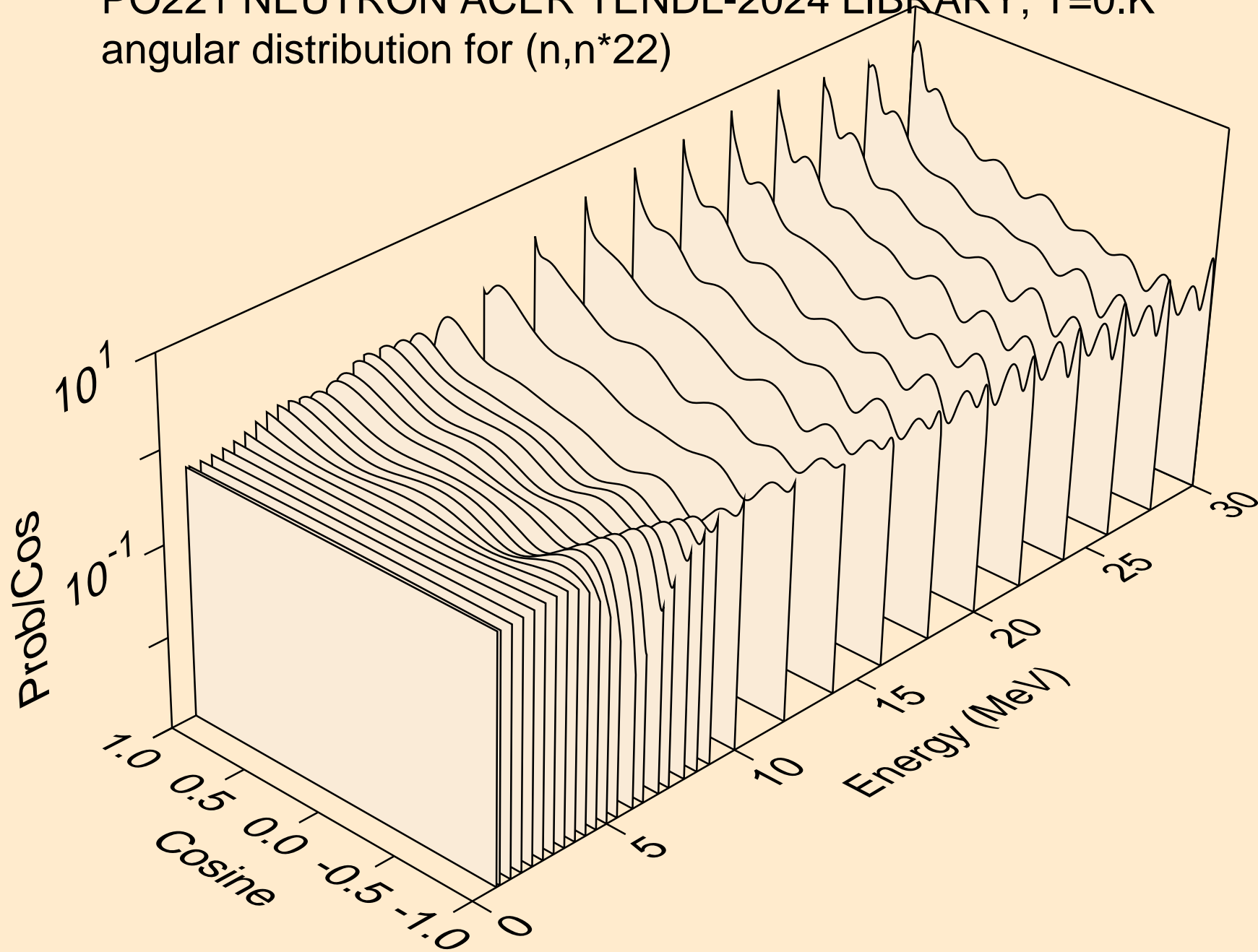
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angular distribution for (n,n\*20)



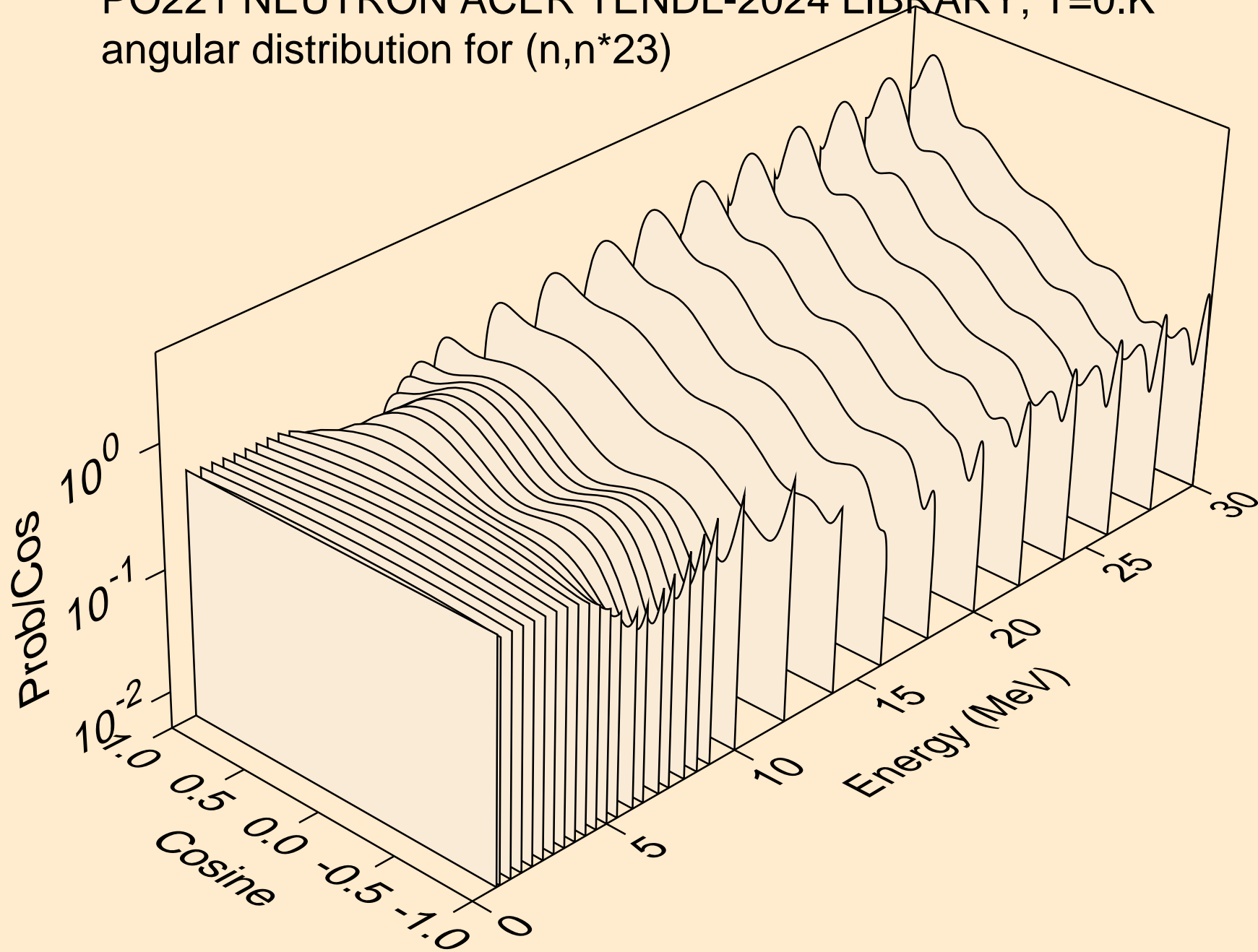
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angular distribution for (n,n\*21)



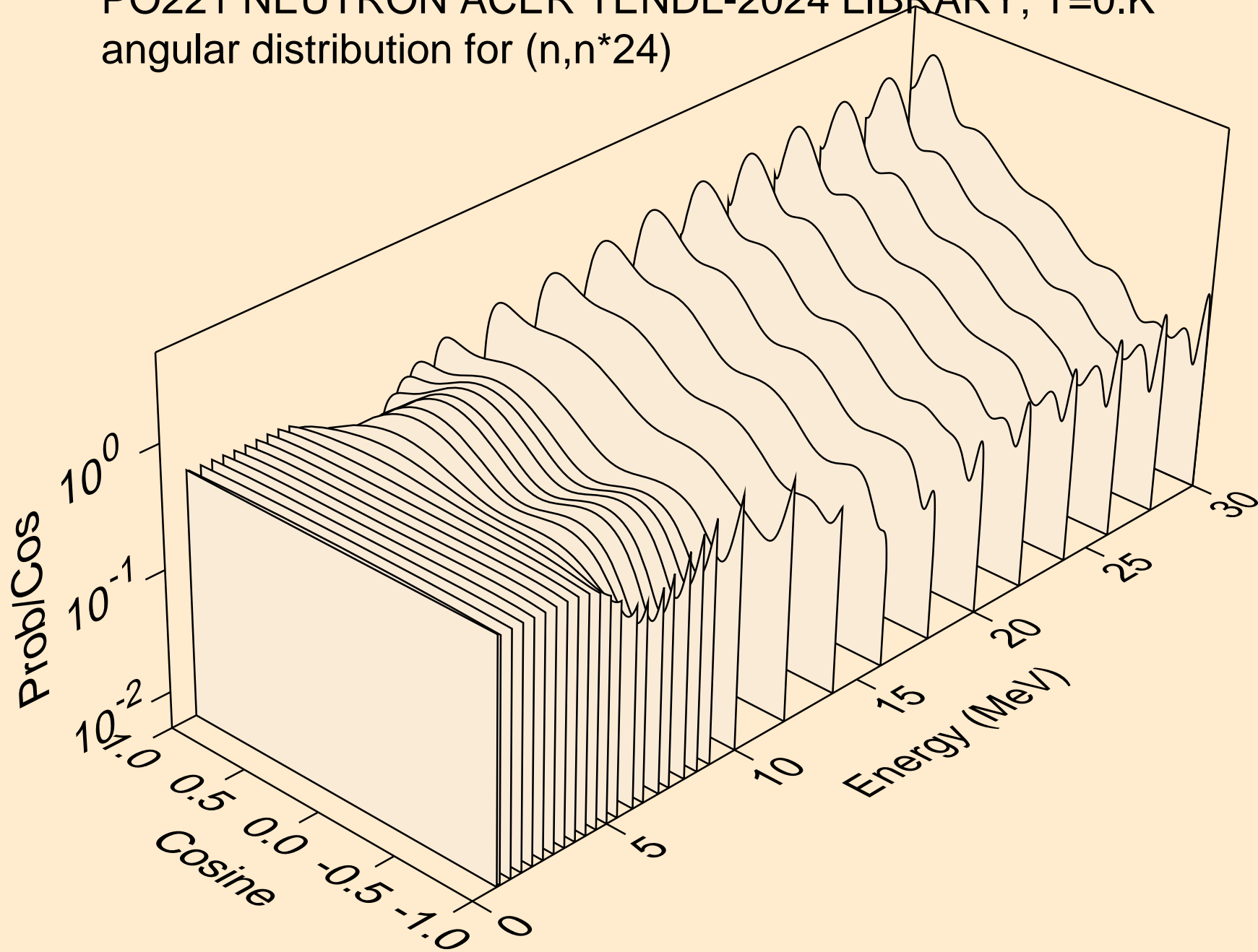
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angular distribution for (n,n\*22)



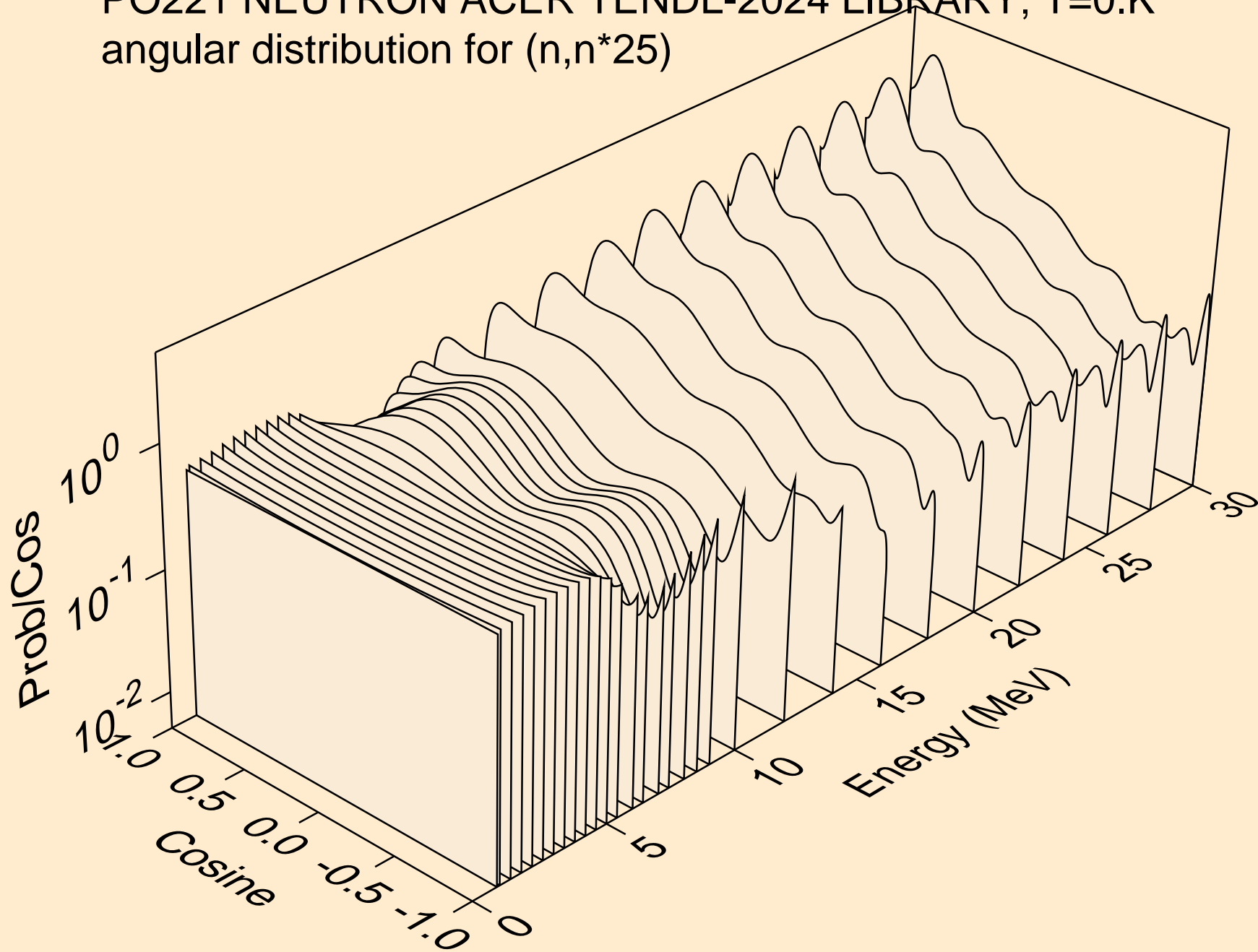
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angular distribution for (n,n\*23)



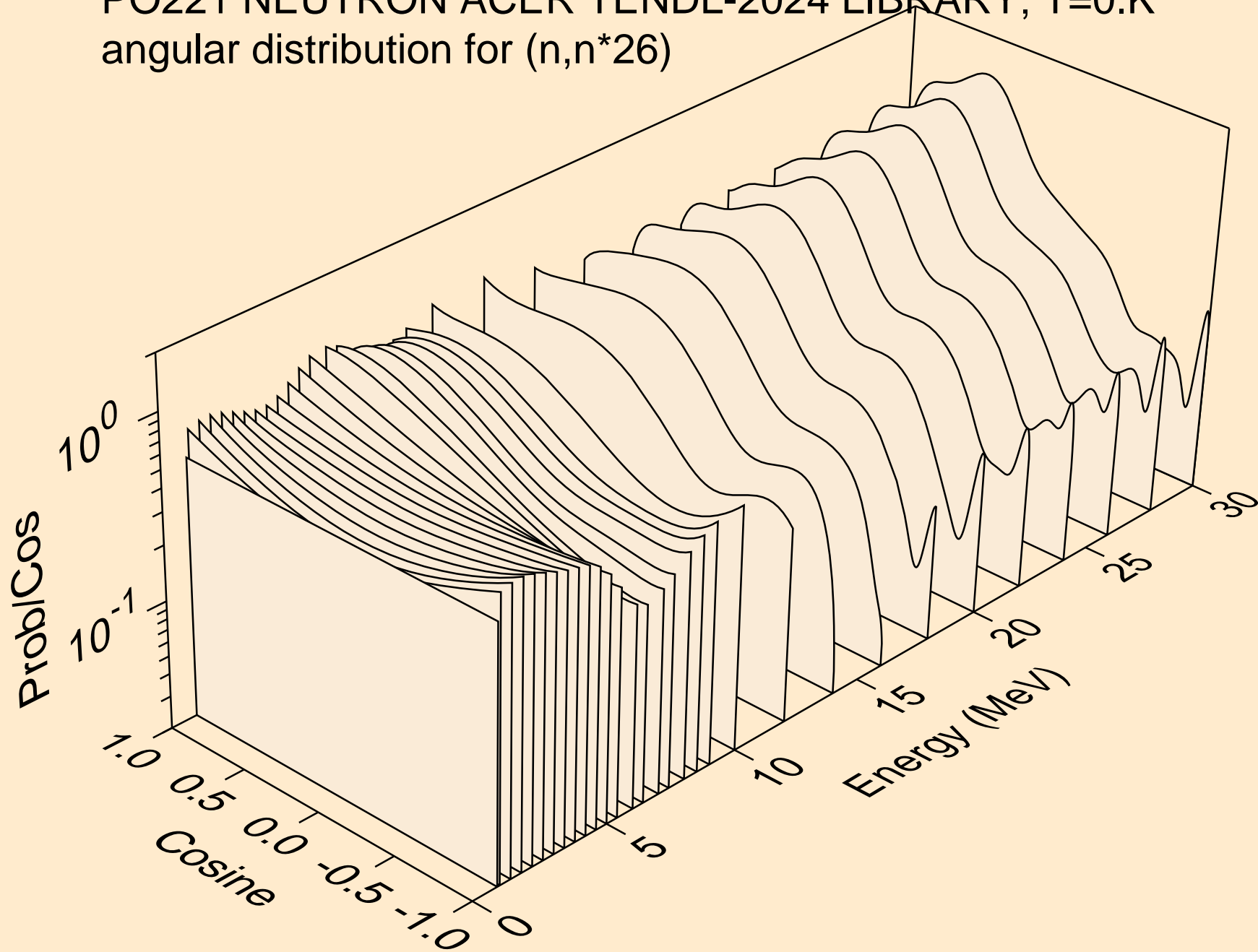
PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*24)



PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)

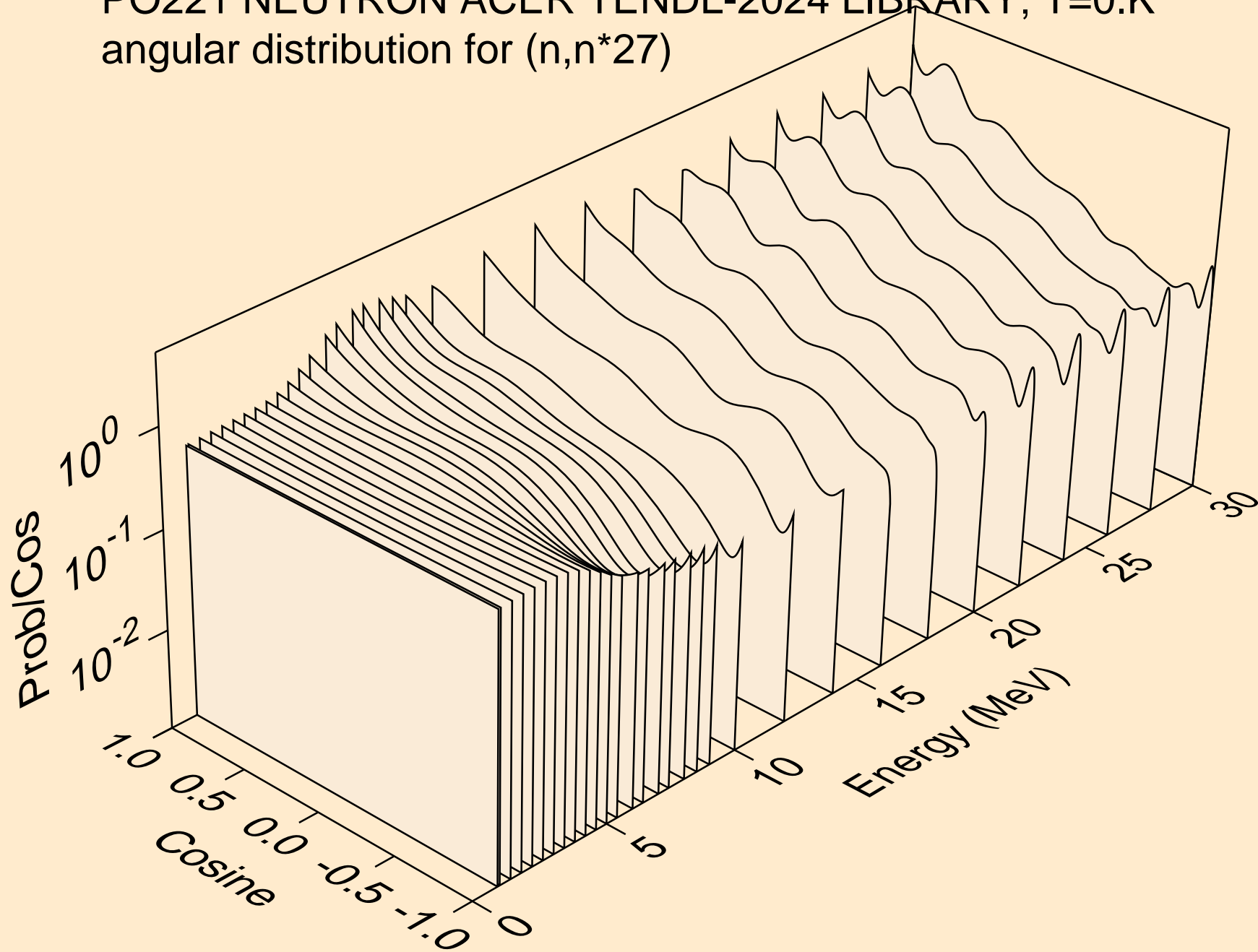


PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)

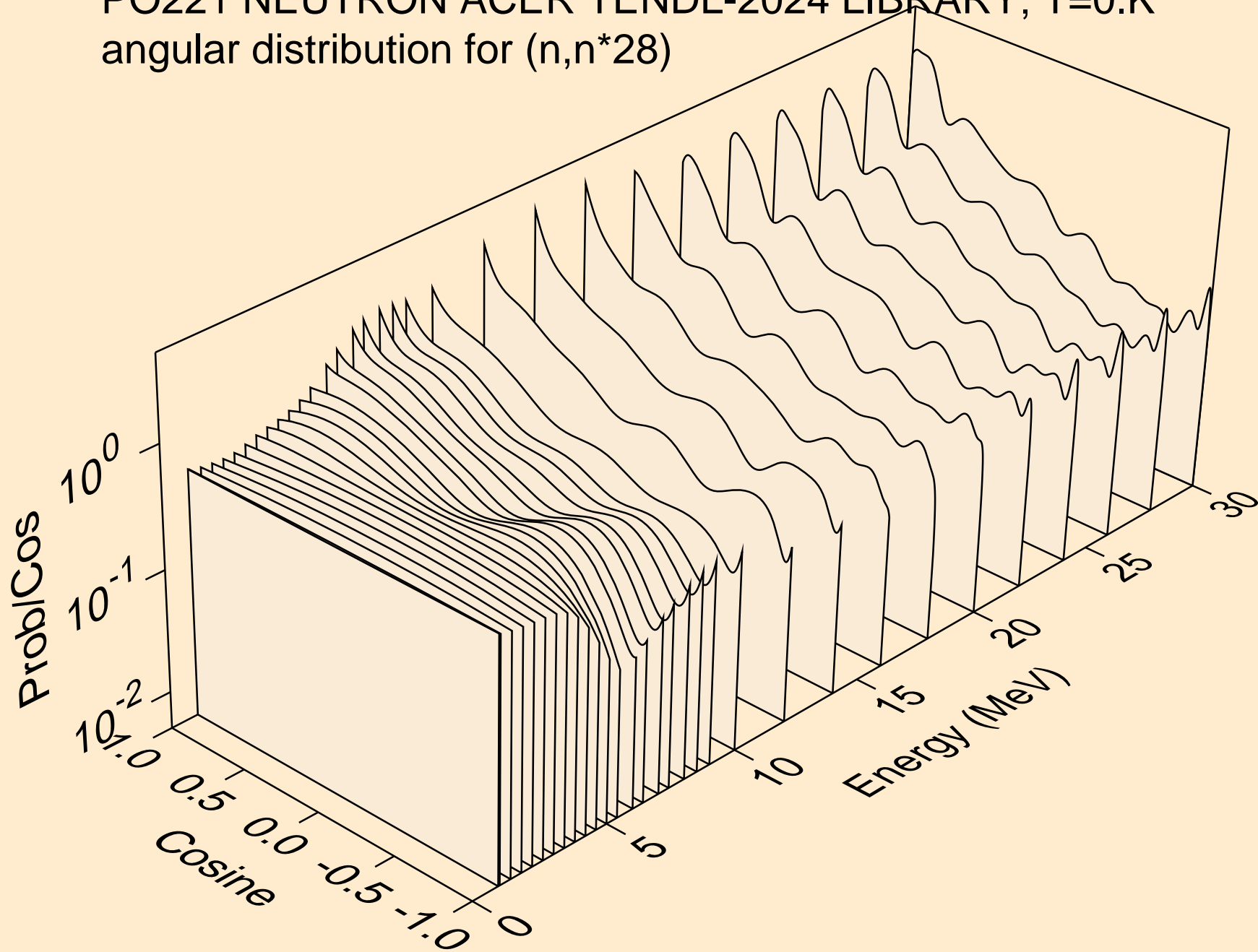




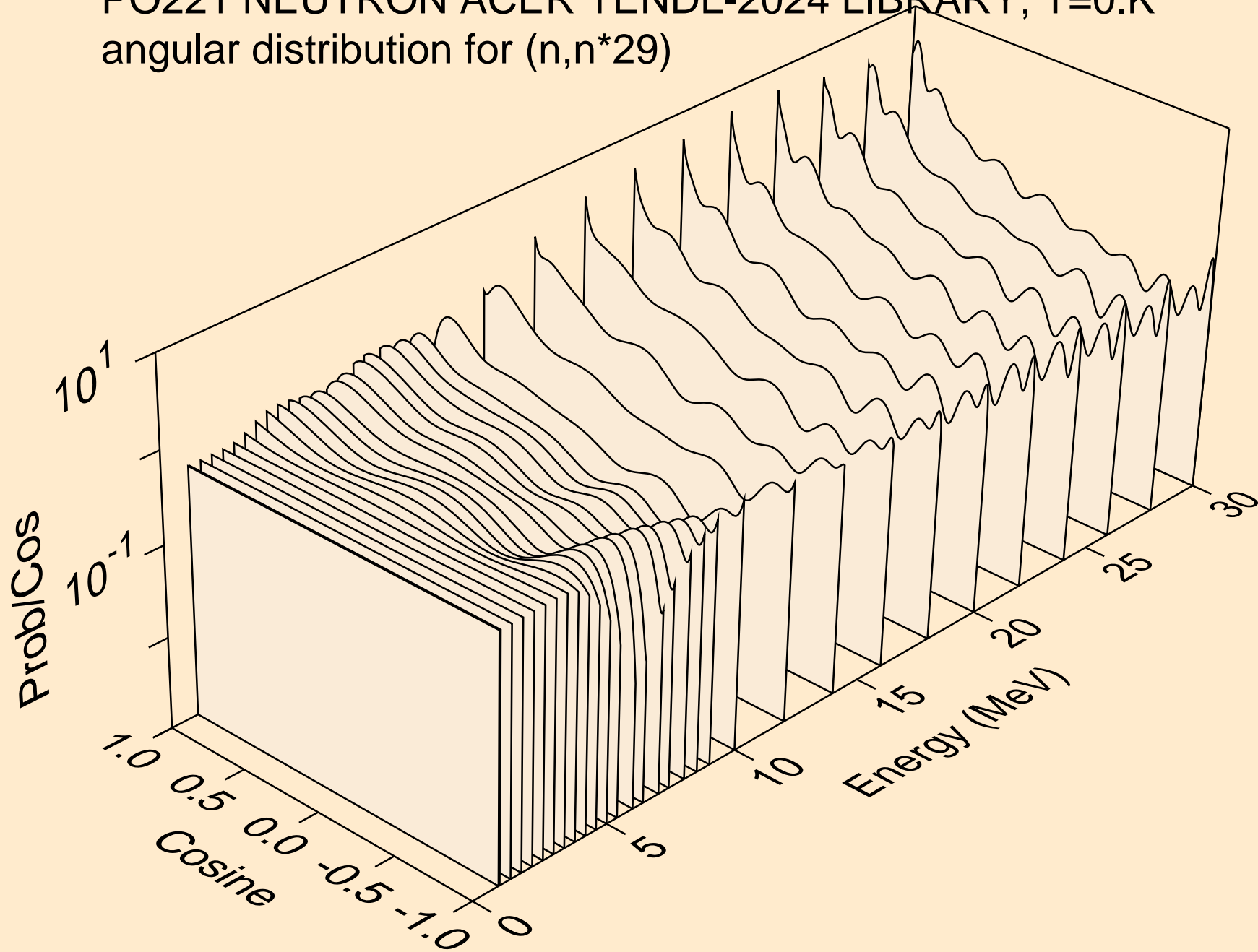
PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)



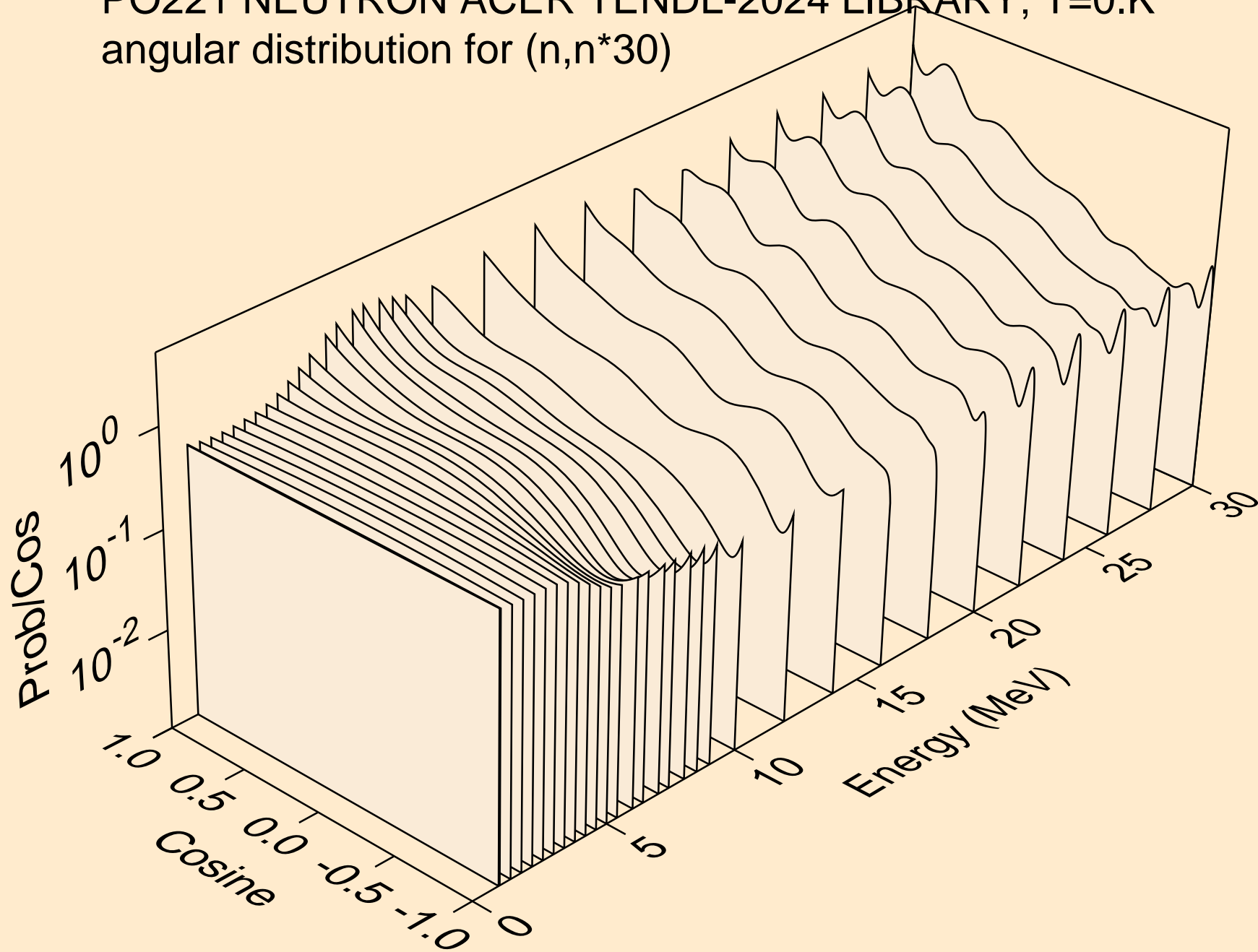
PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*28)



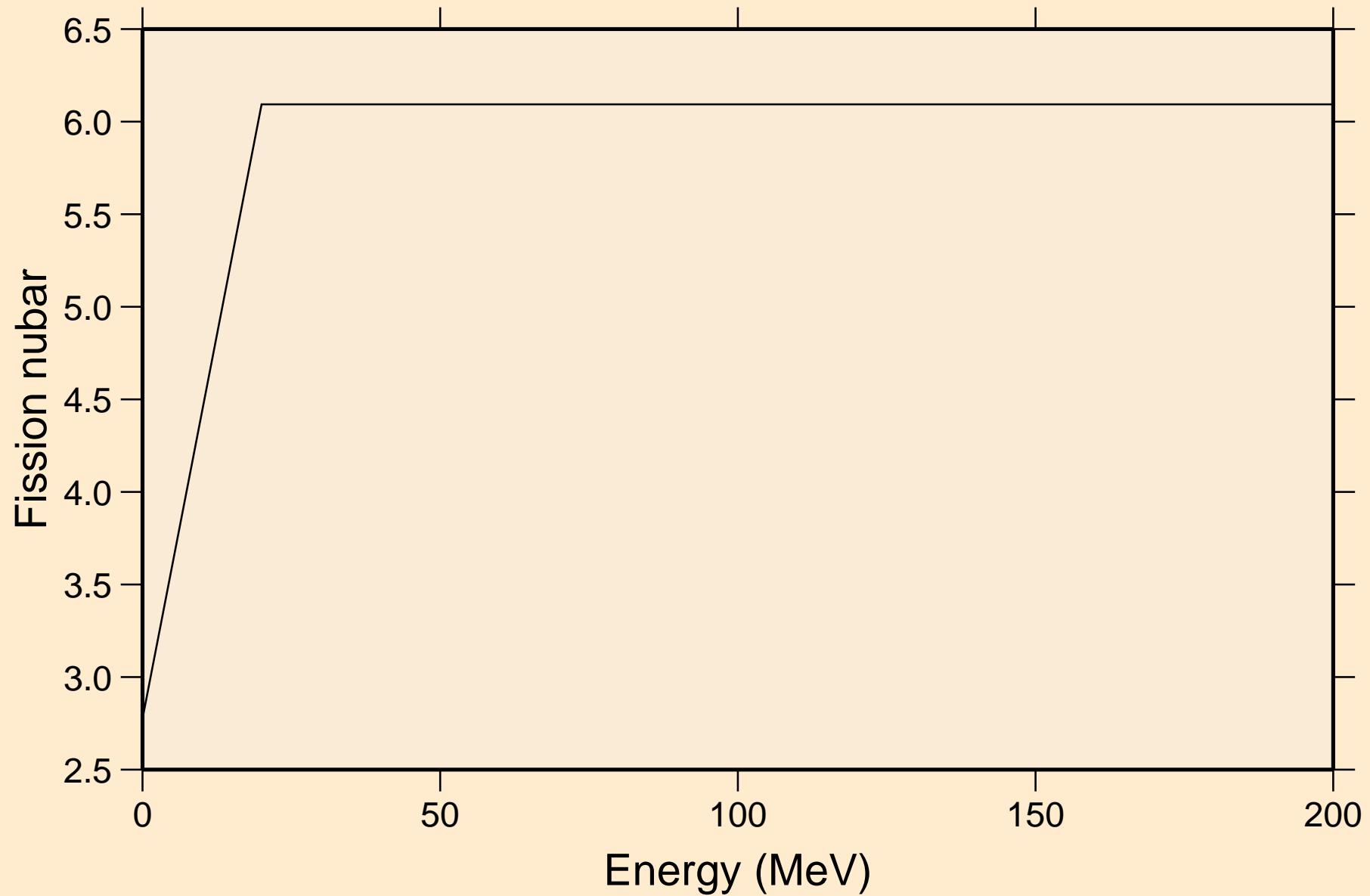
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angular distribution for (n,n\*29)



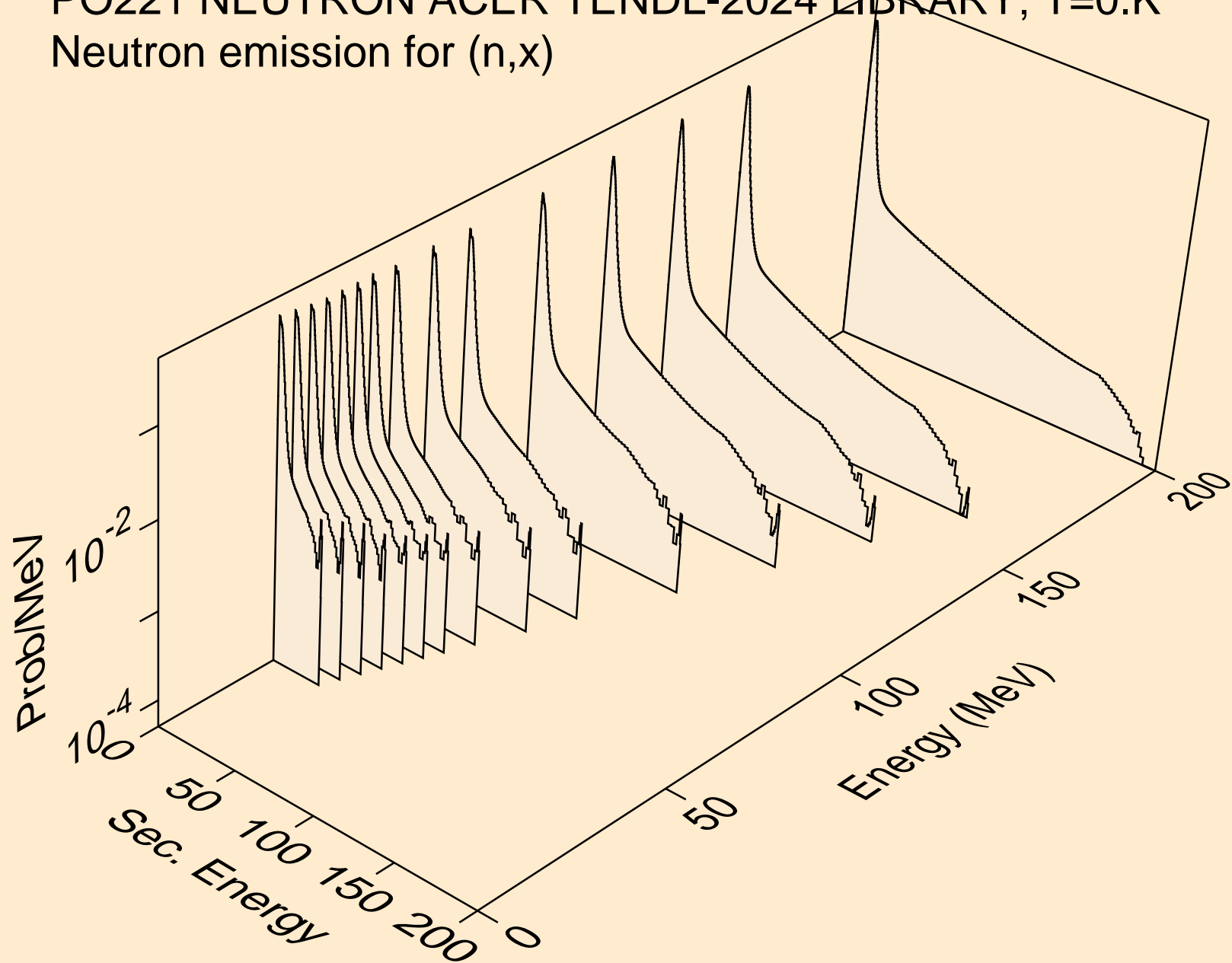
PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*30)



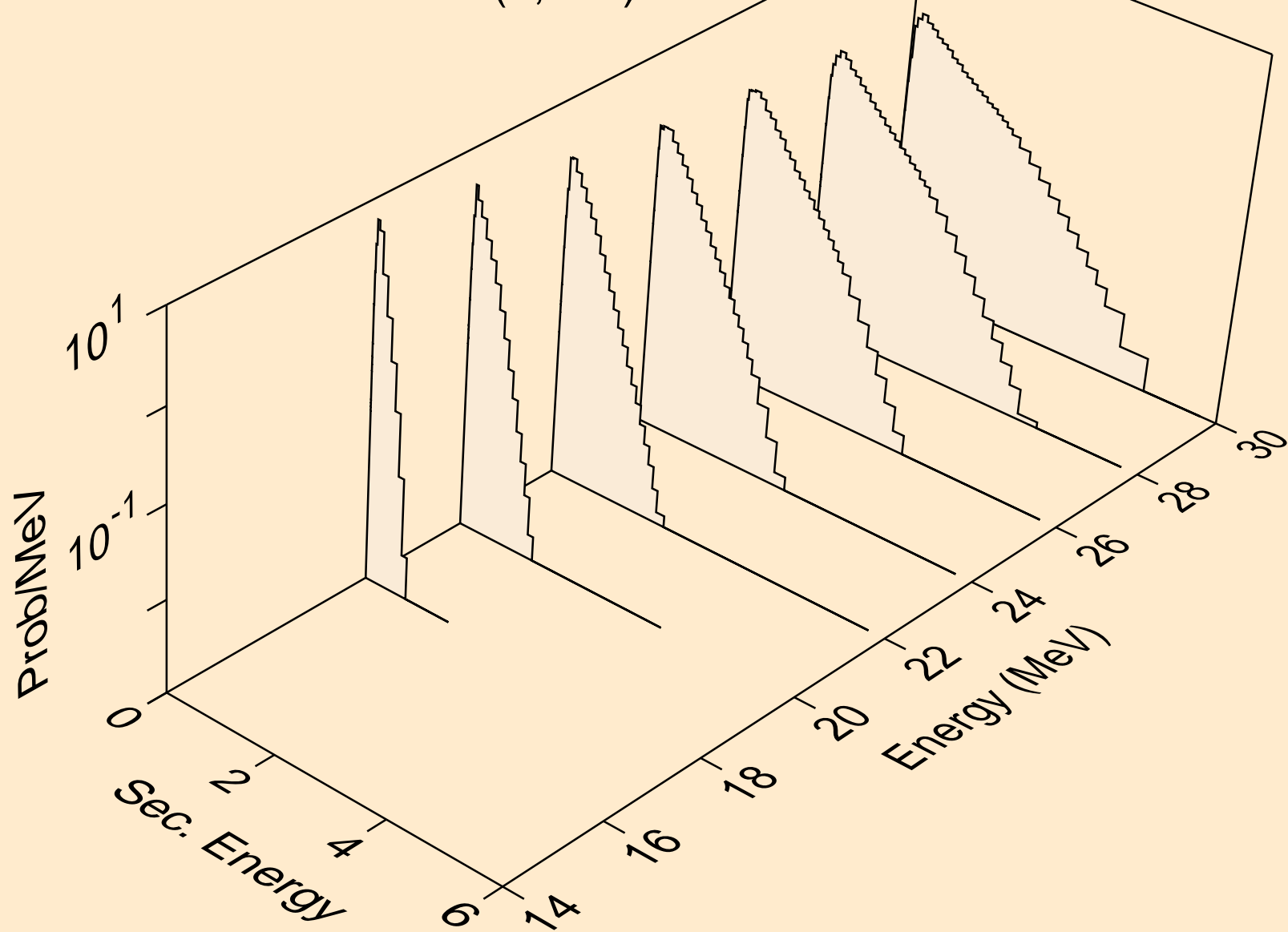
PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Total fission nubar



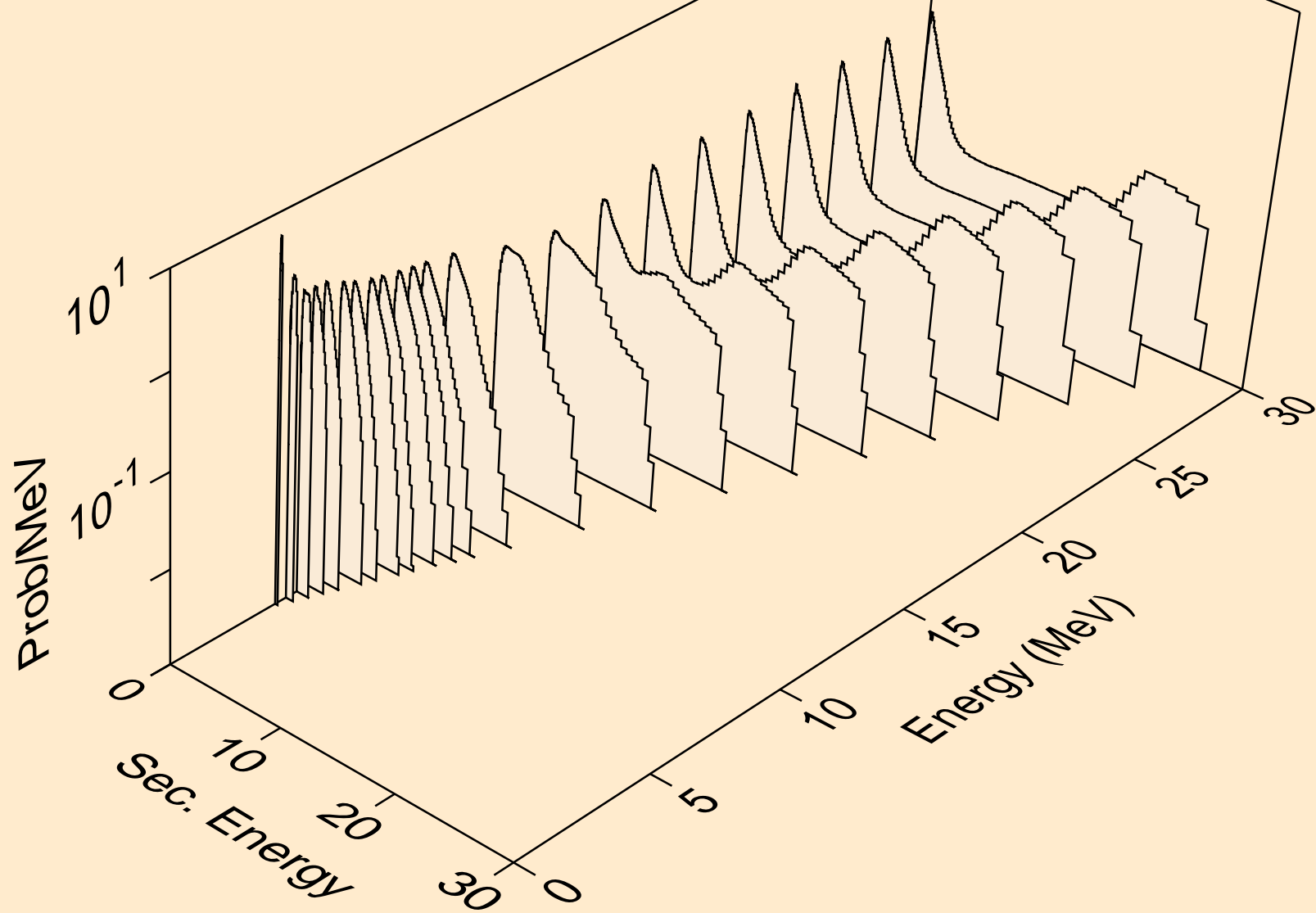
PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)

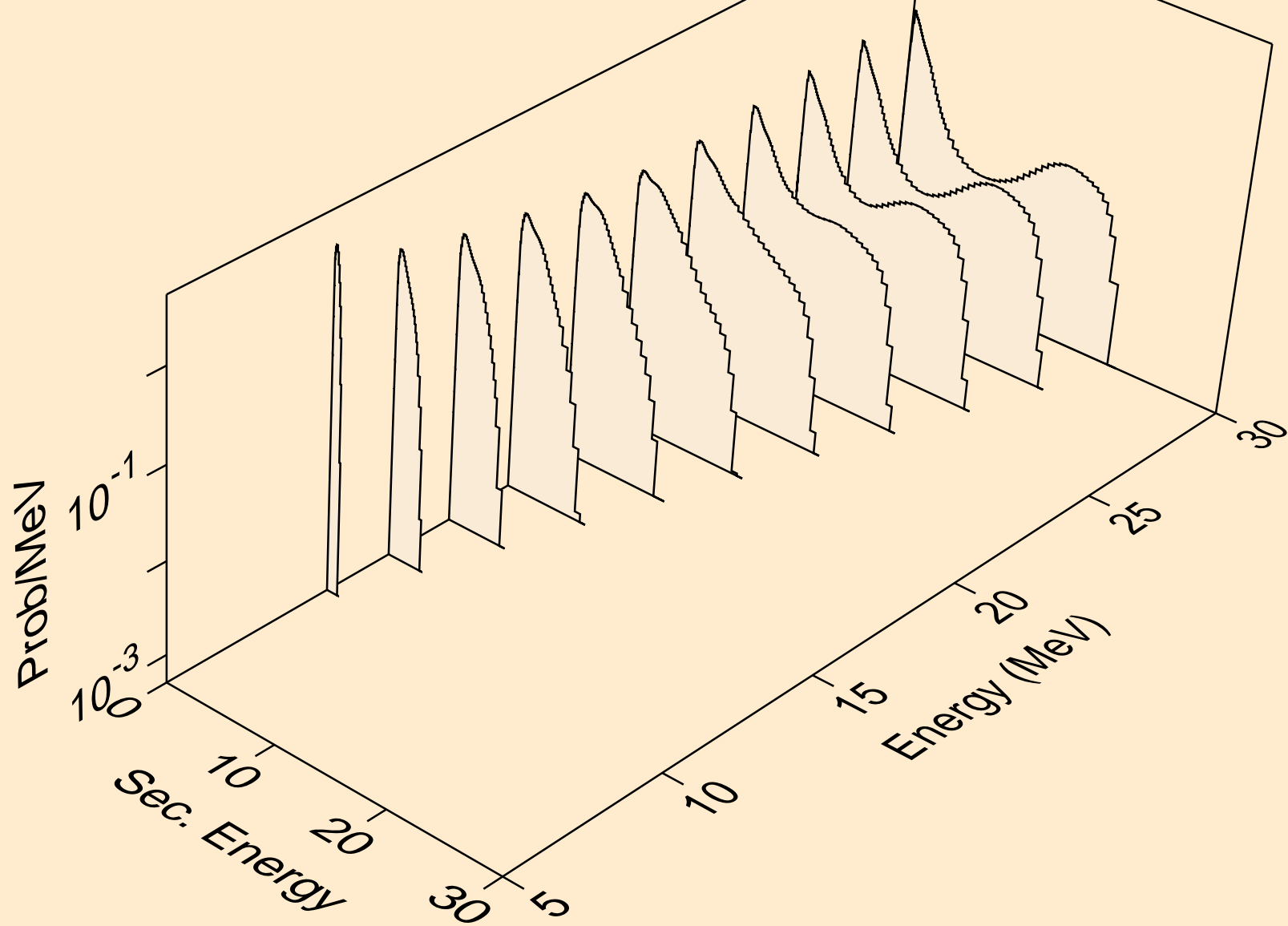


PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)

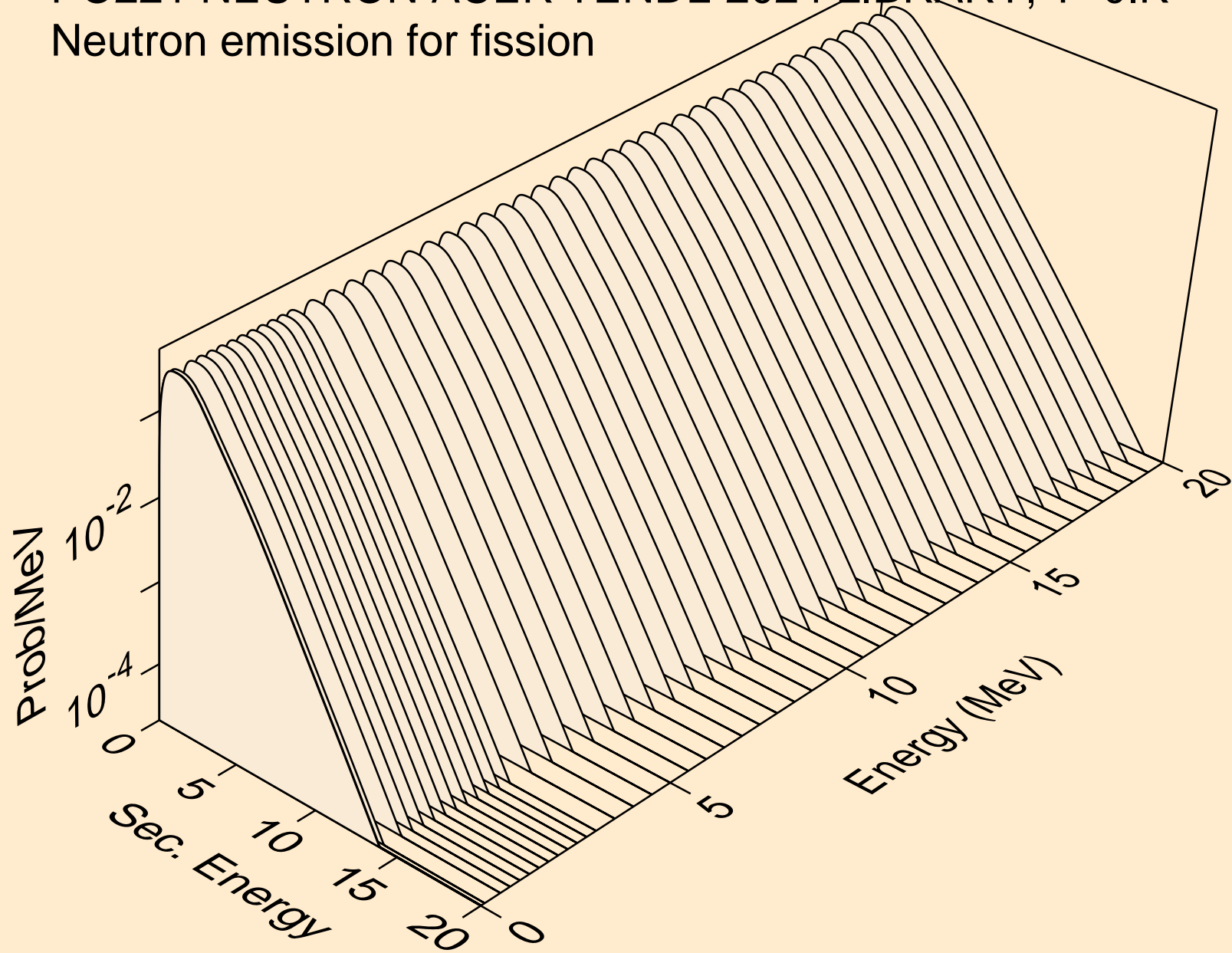




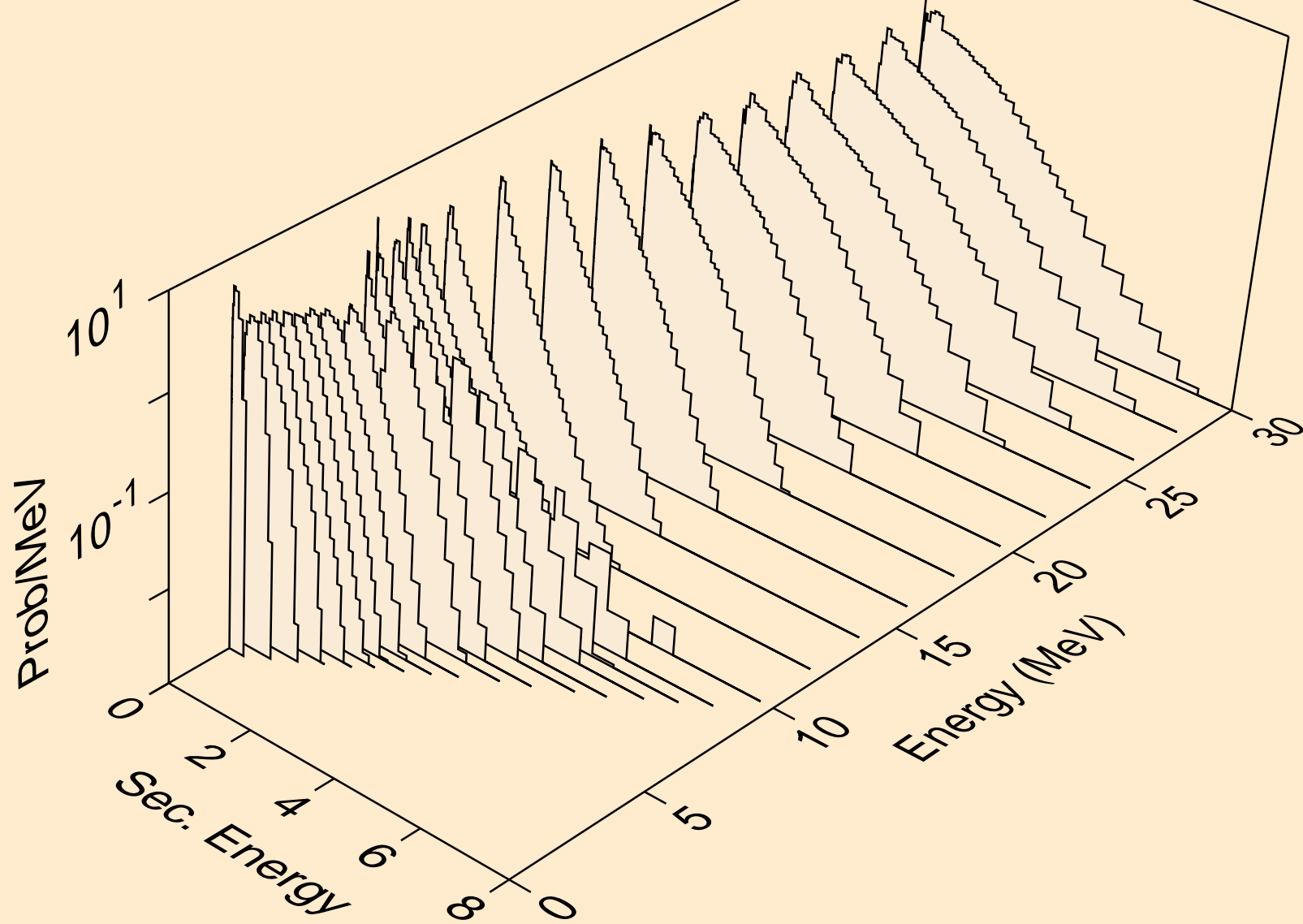
PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



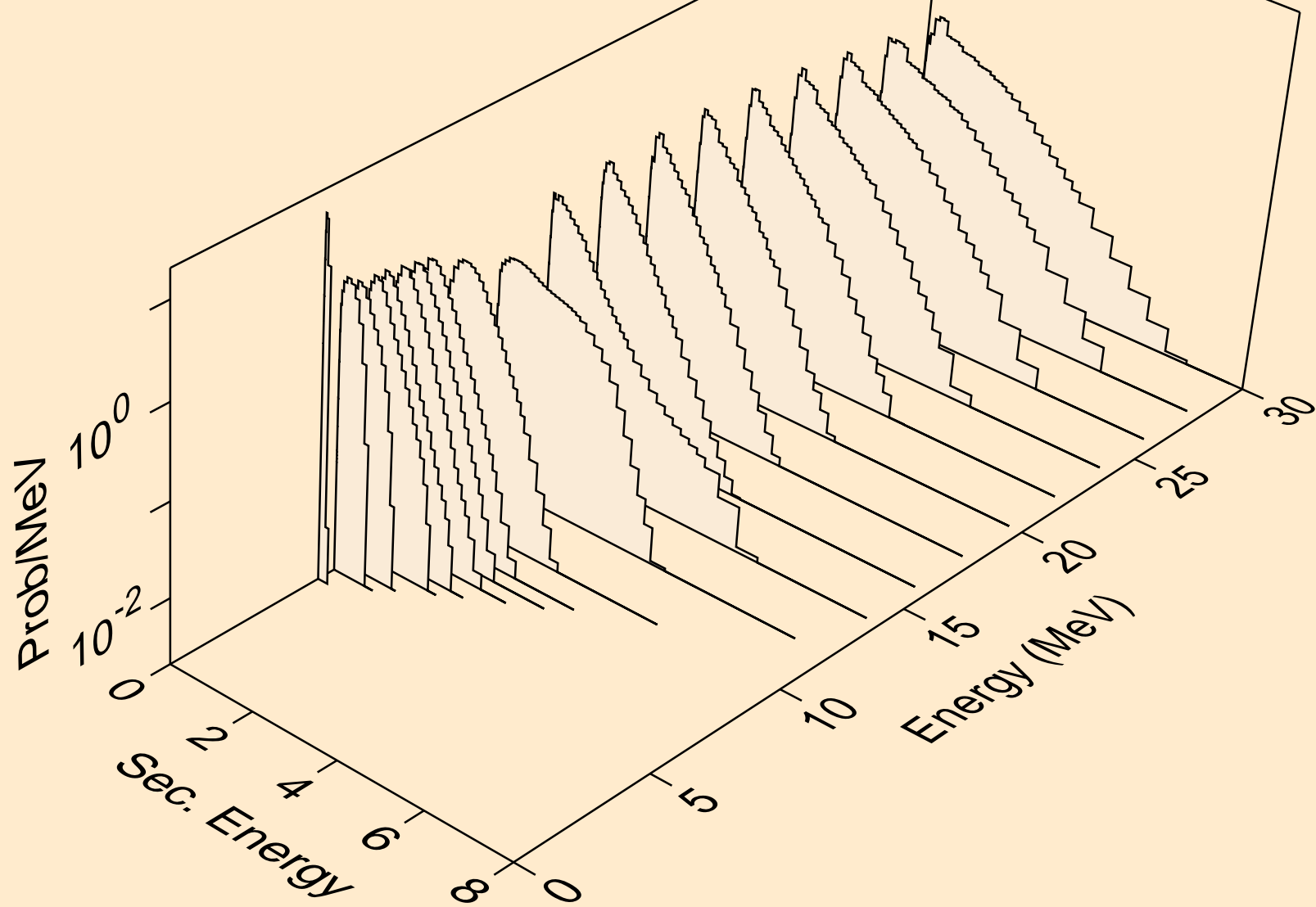
PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for fission



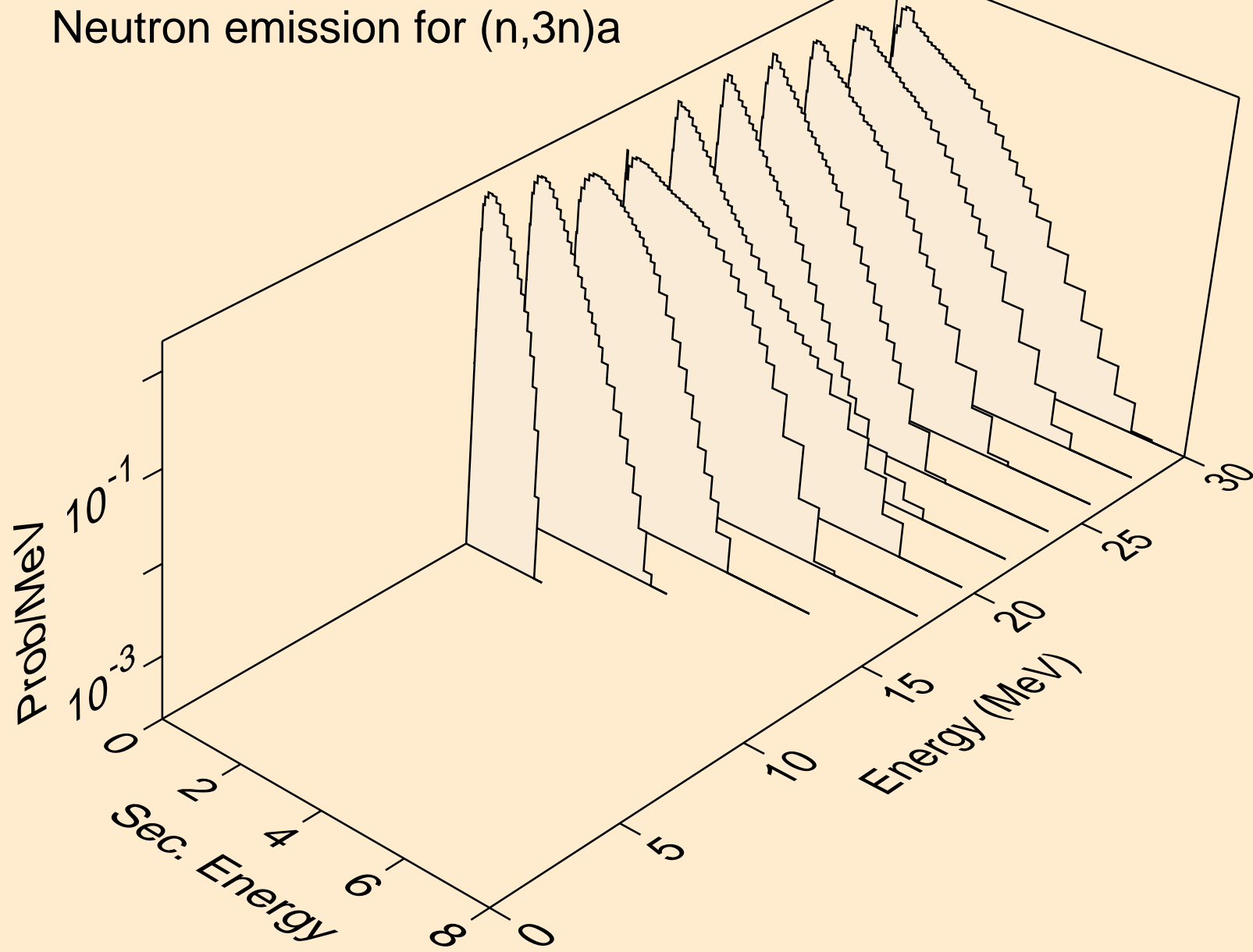
PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



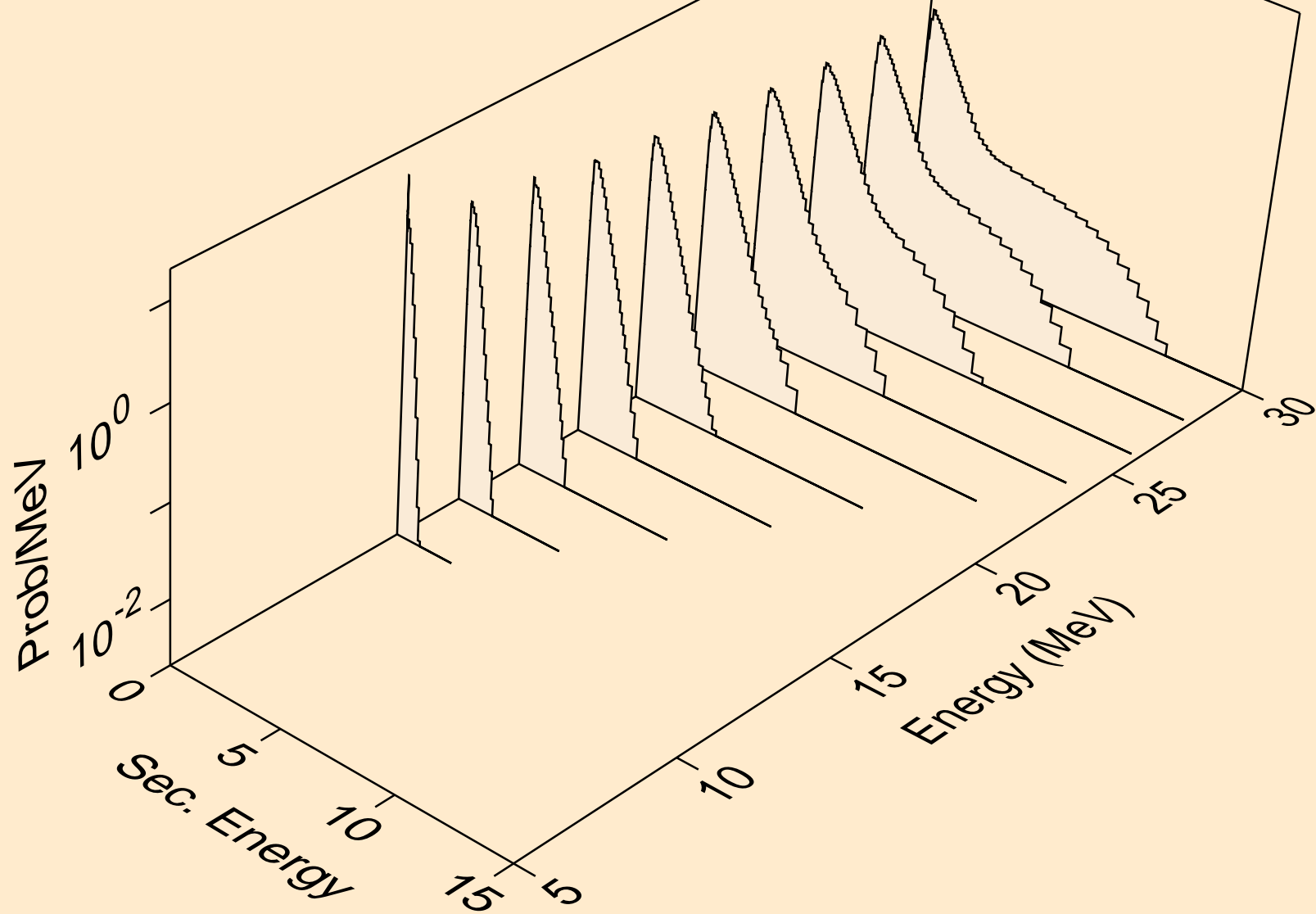
PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



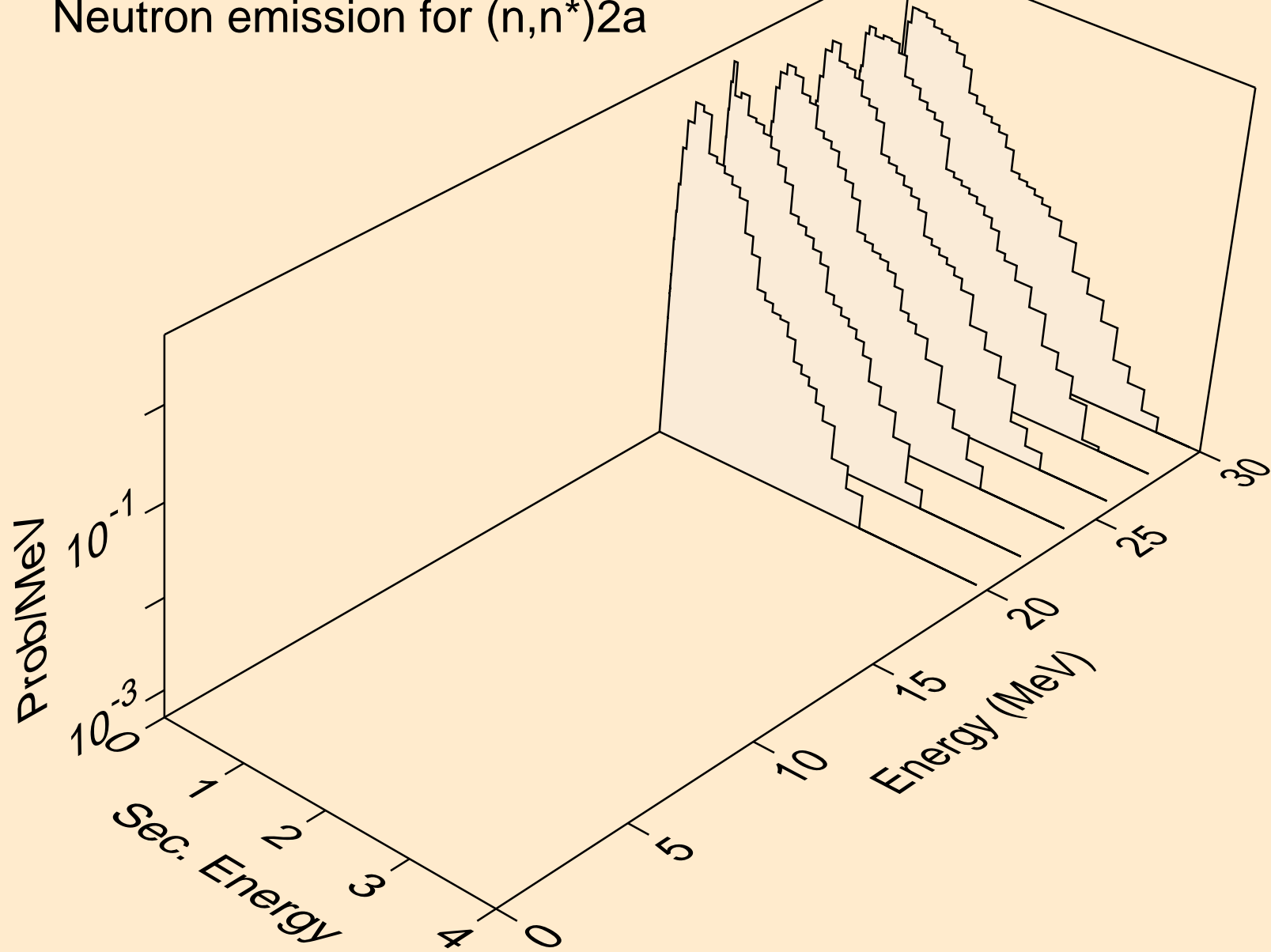
PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



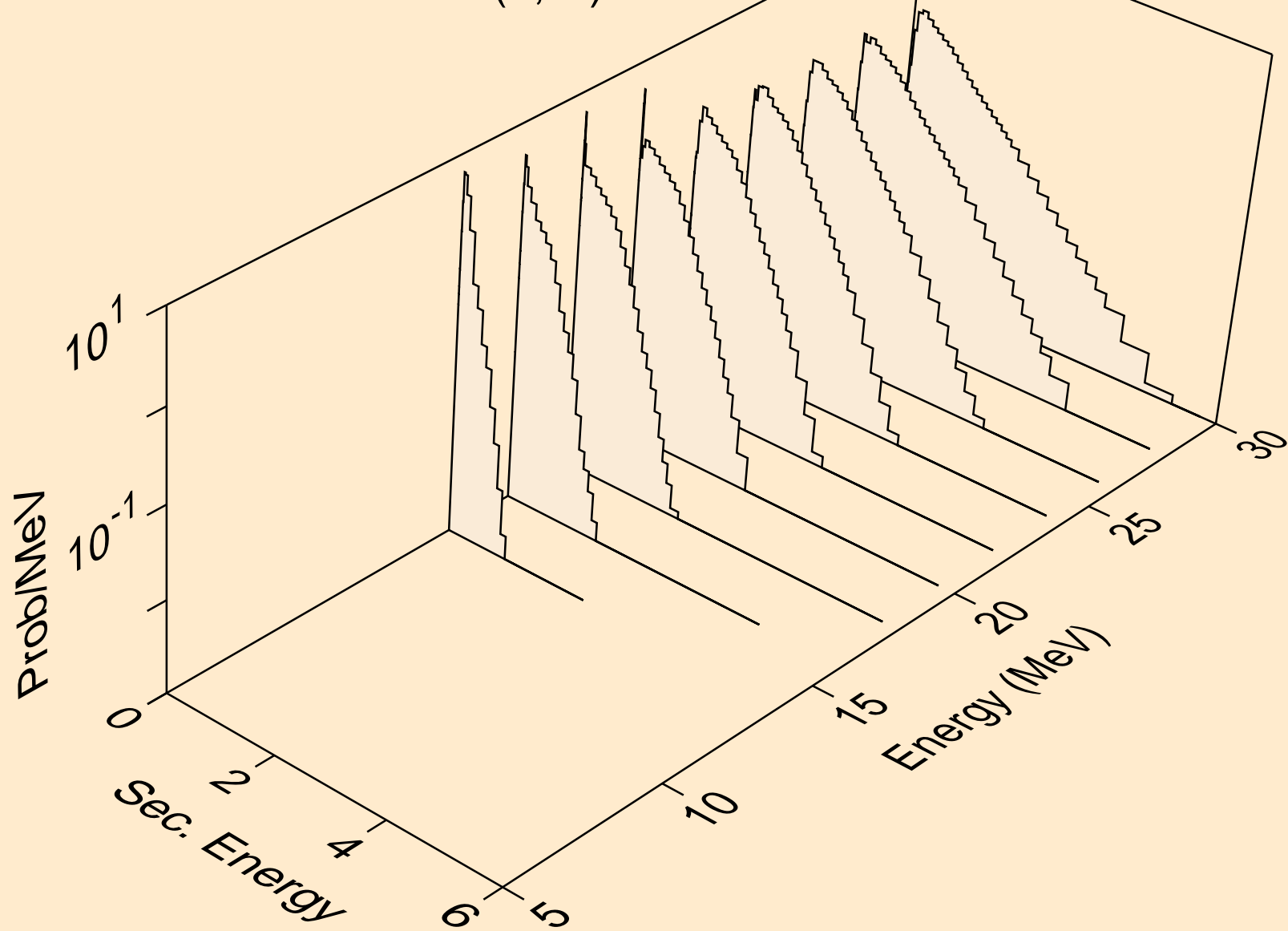
PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a

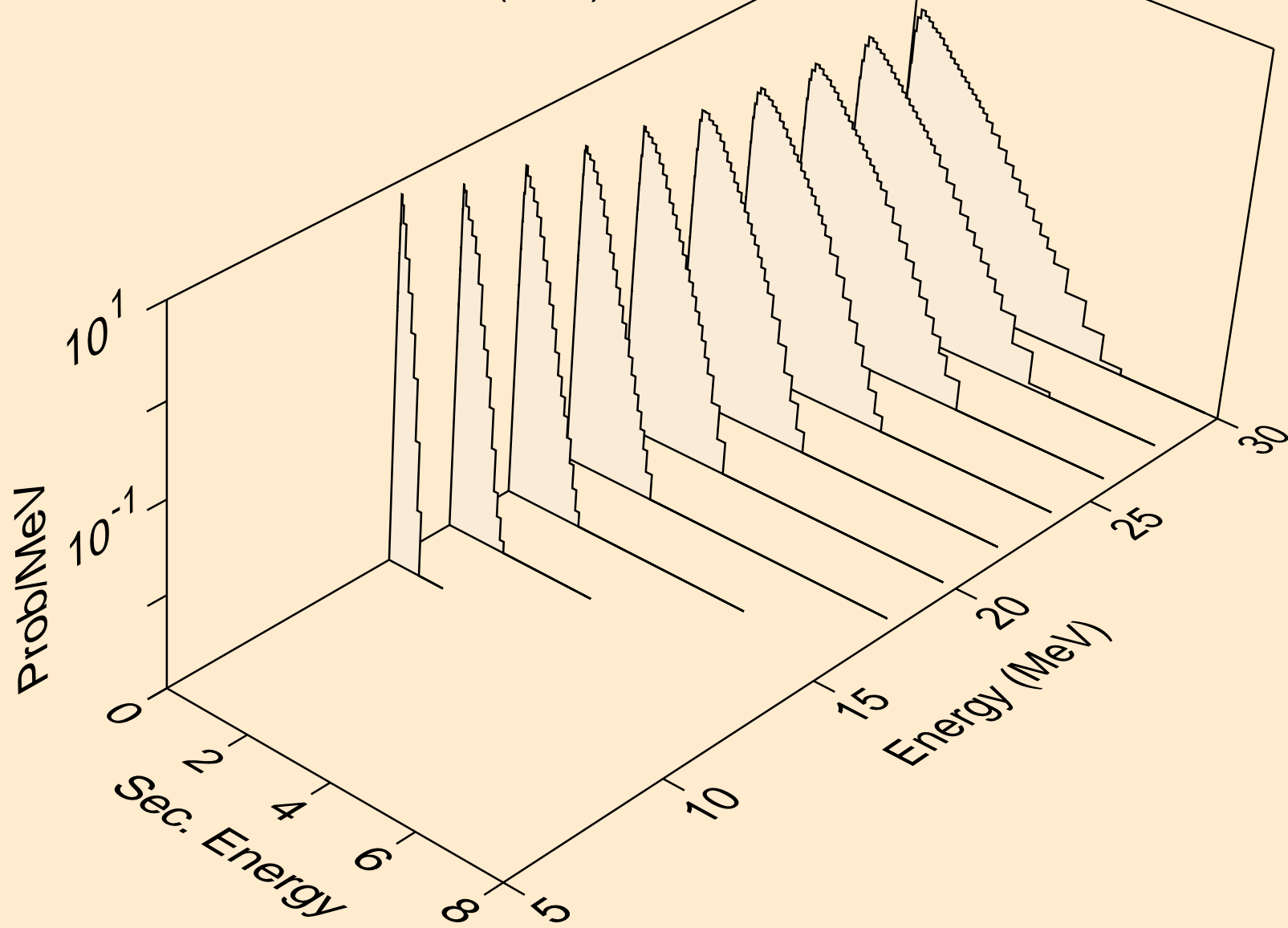


PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d

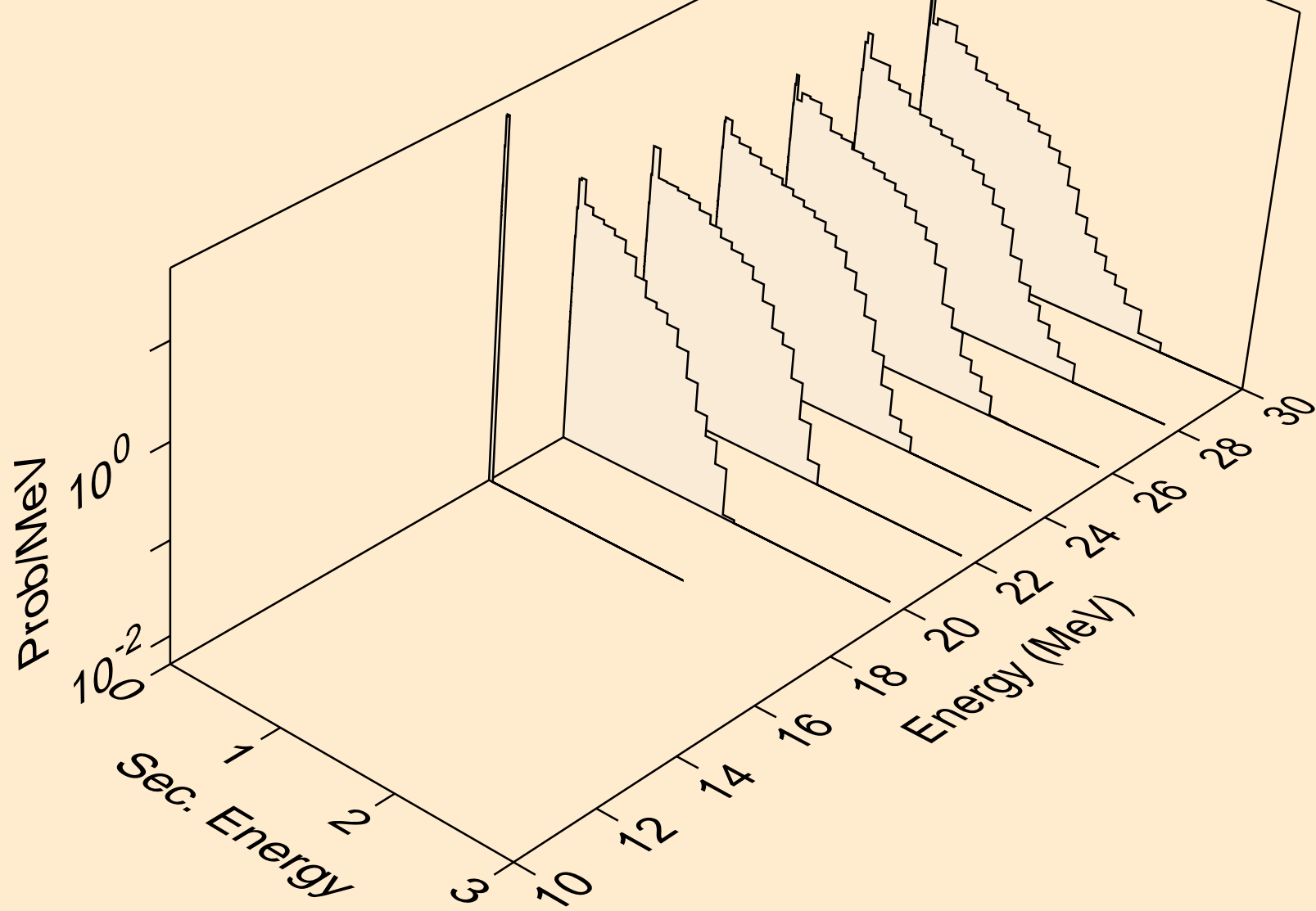




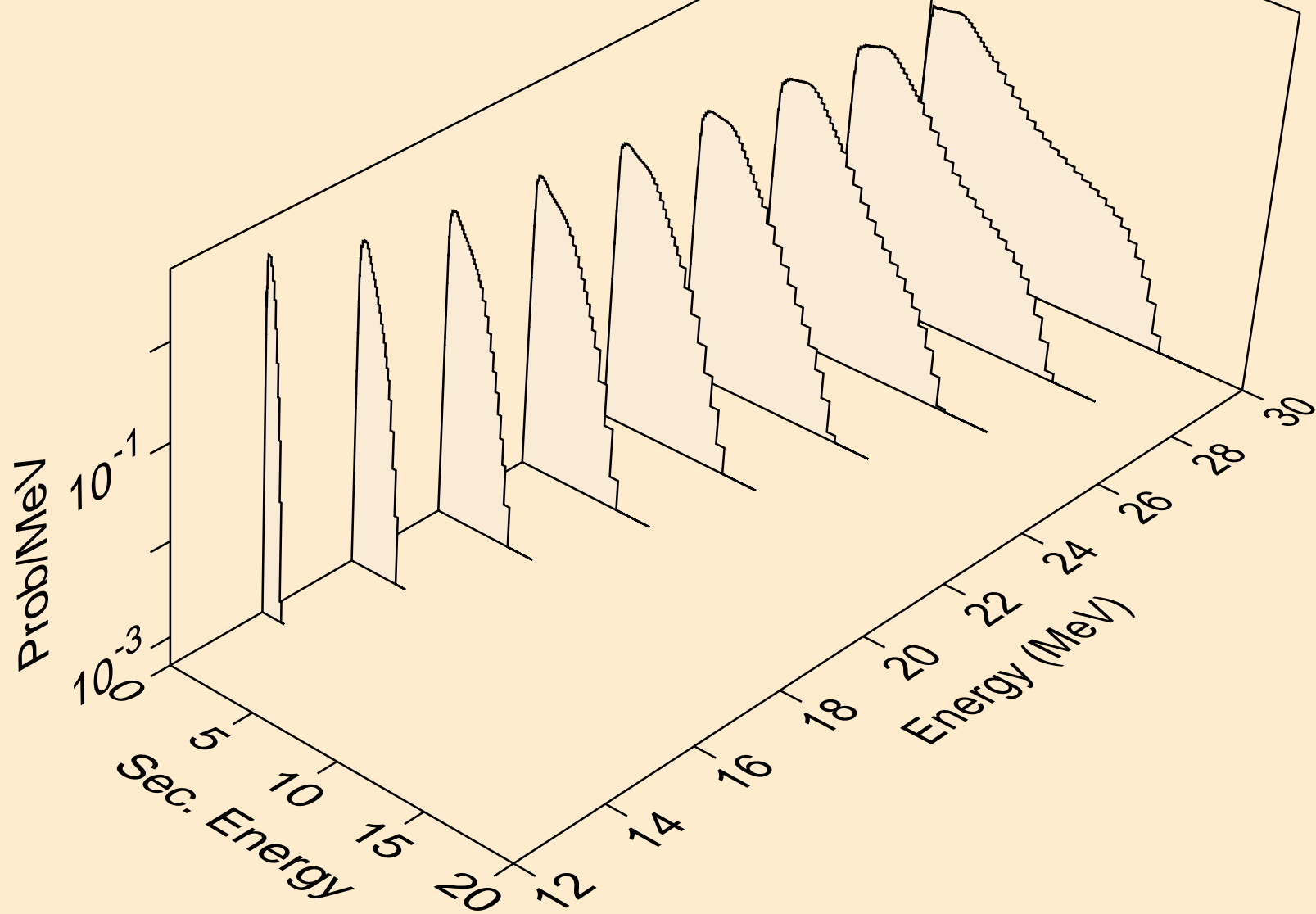
PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



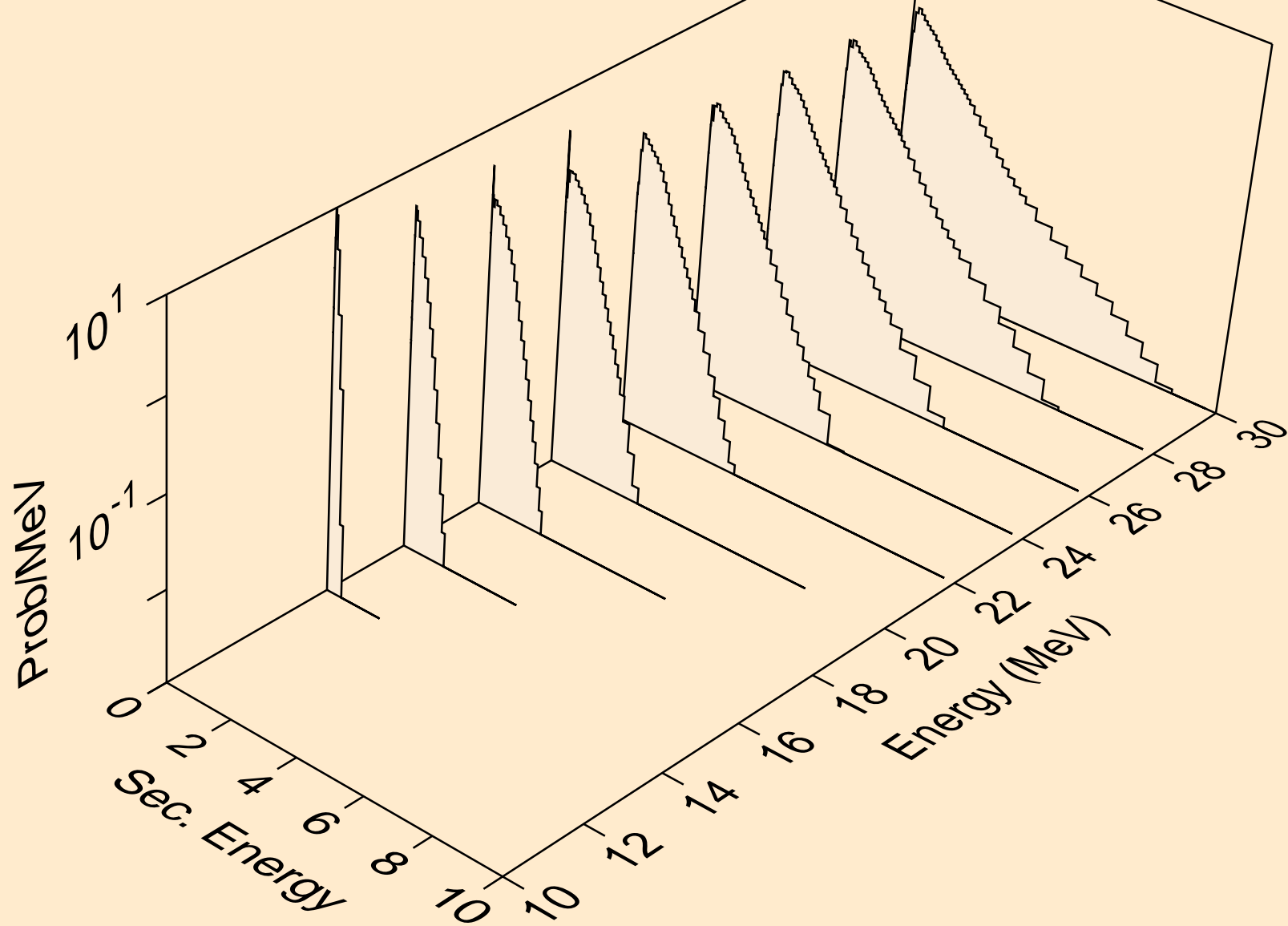
PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



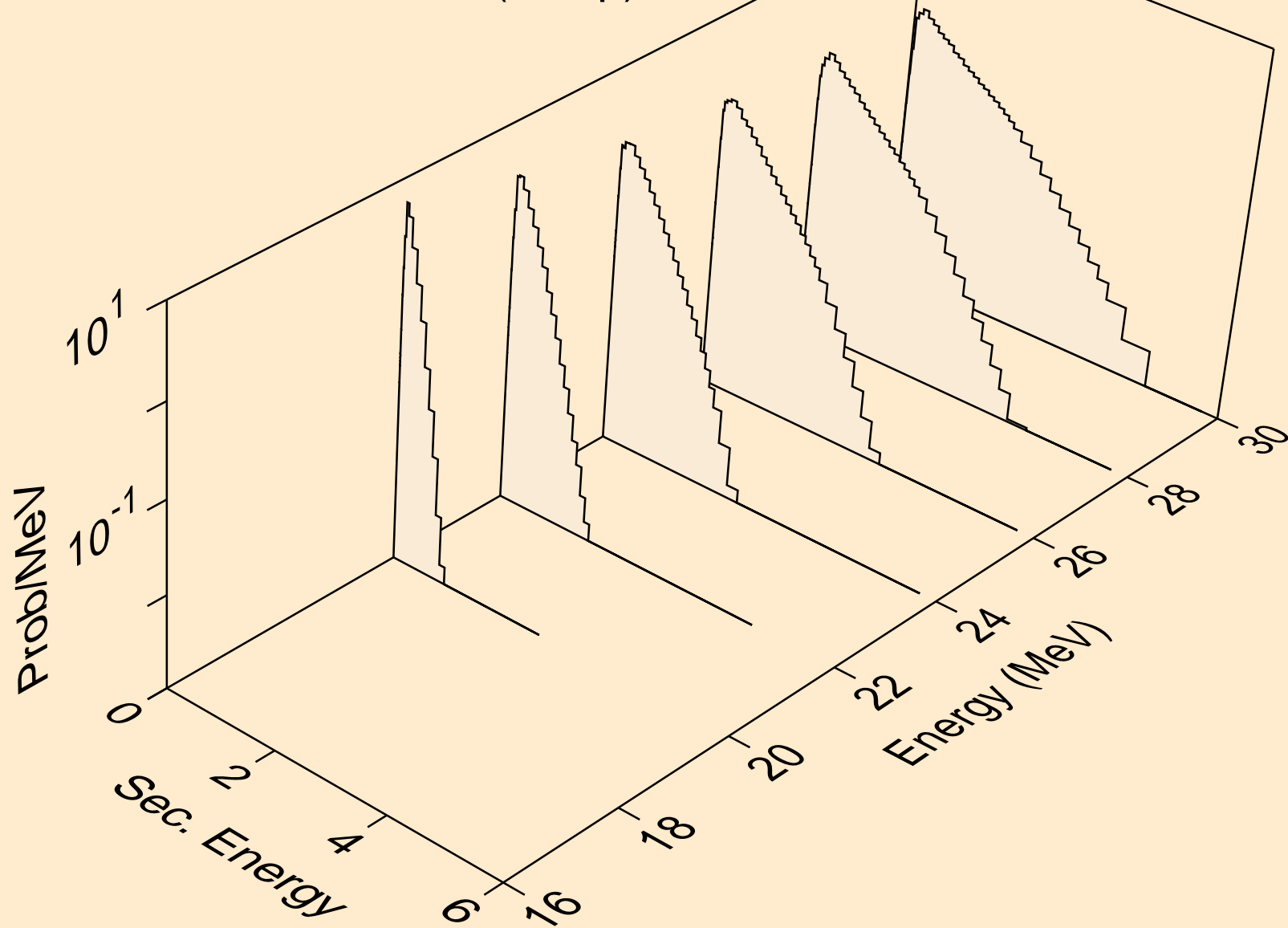
PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



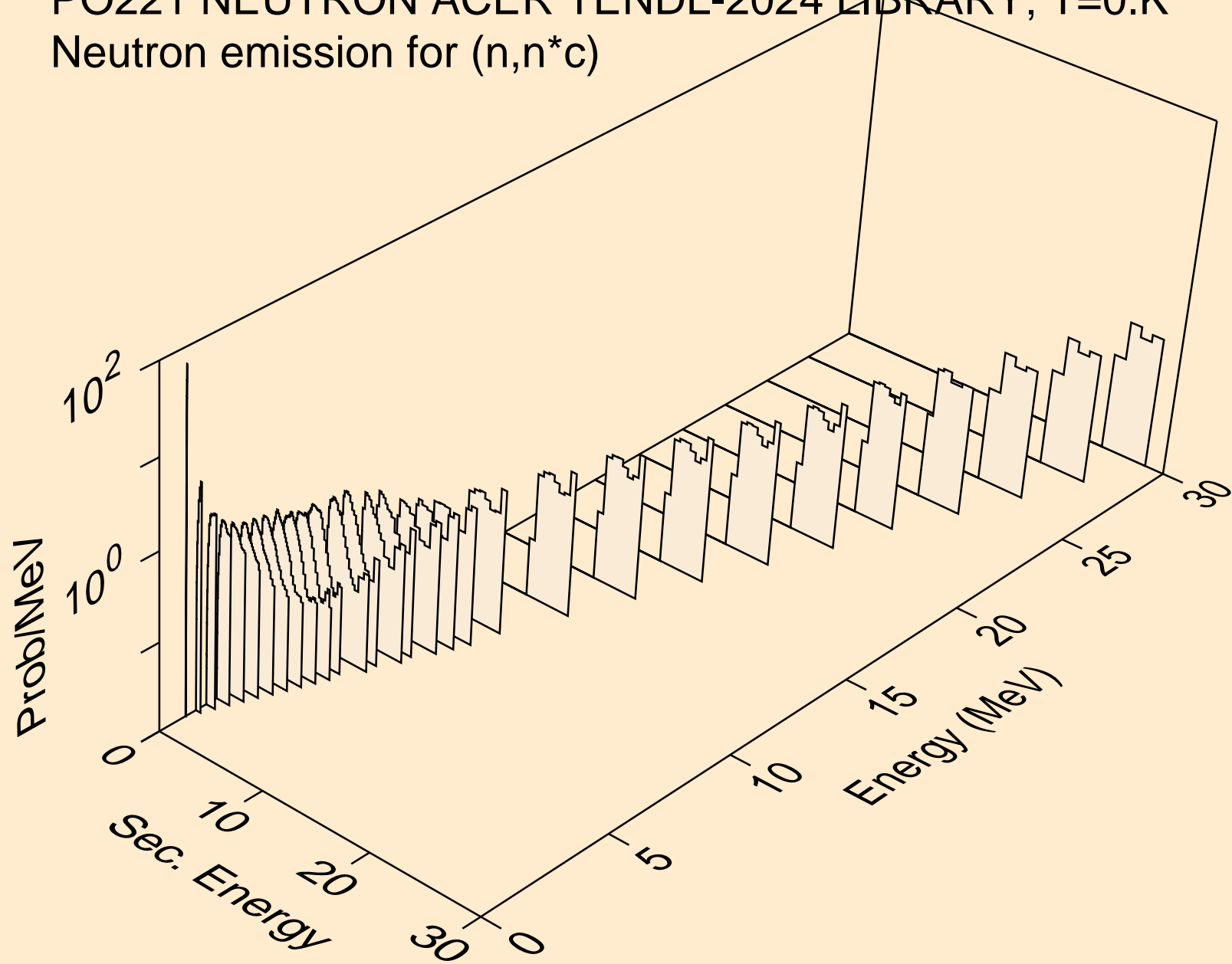
PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)

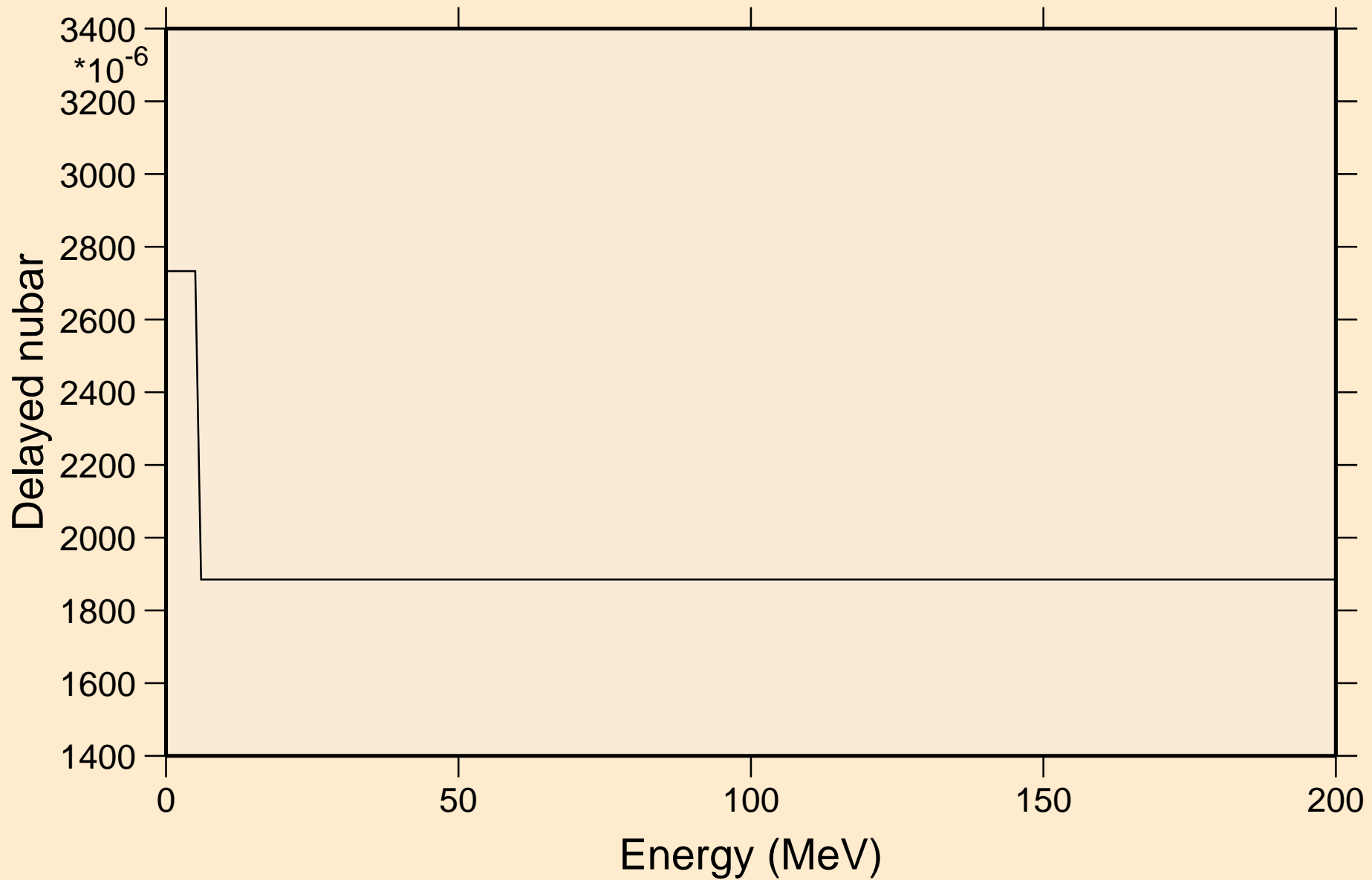


PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



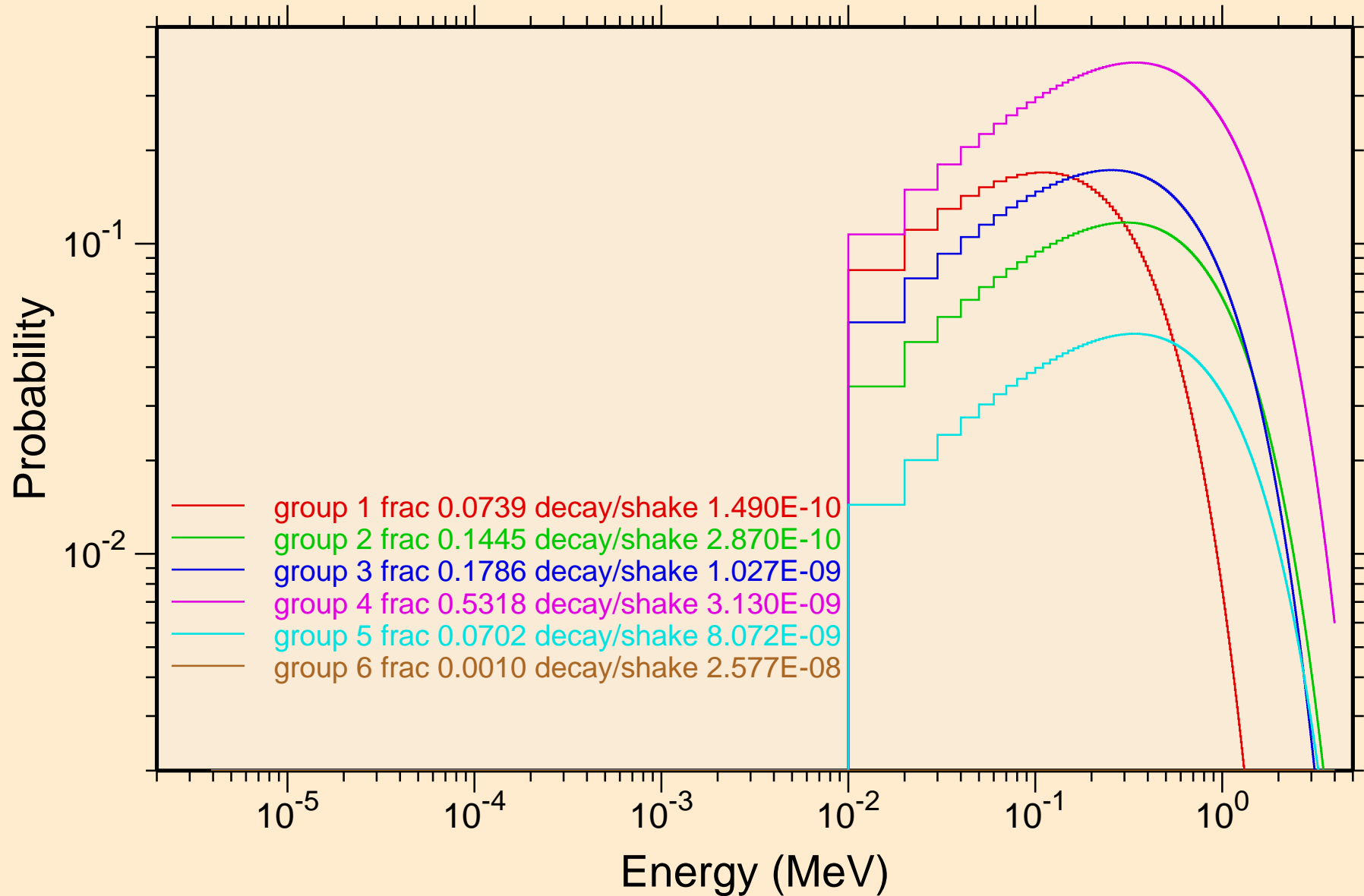
PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Delayed nubar



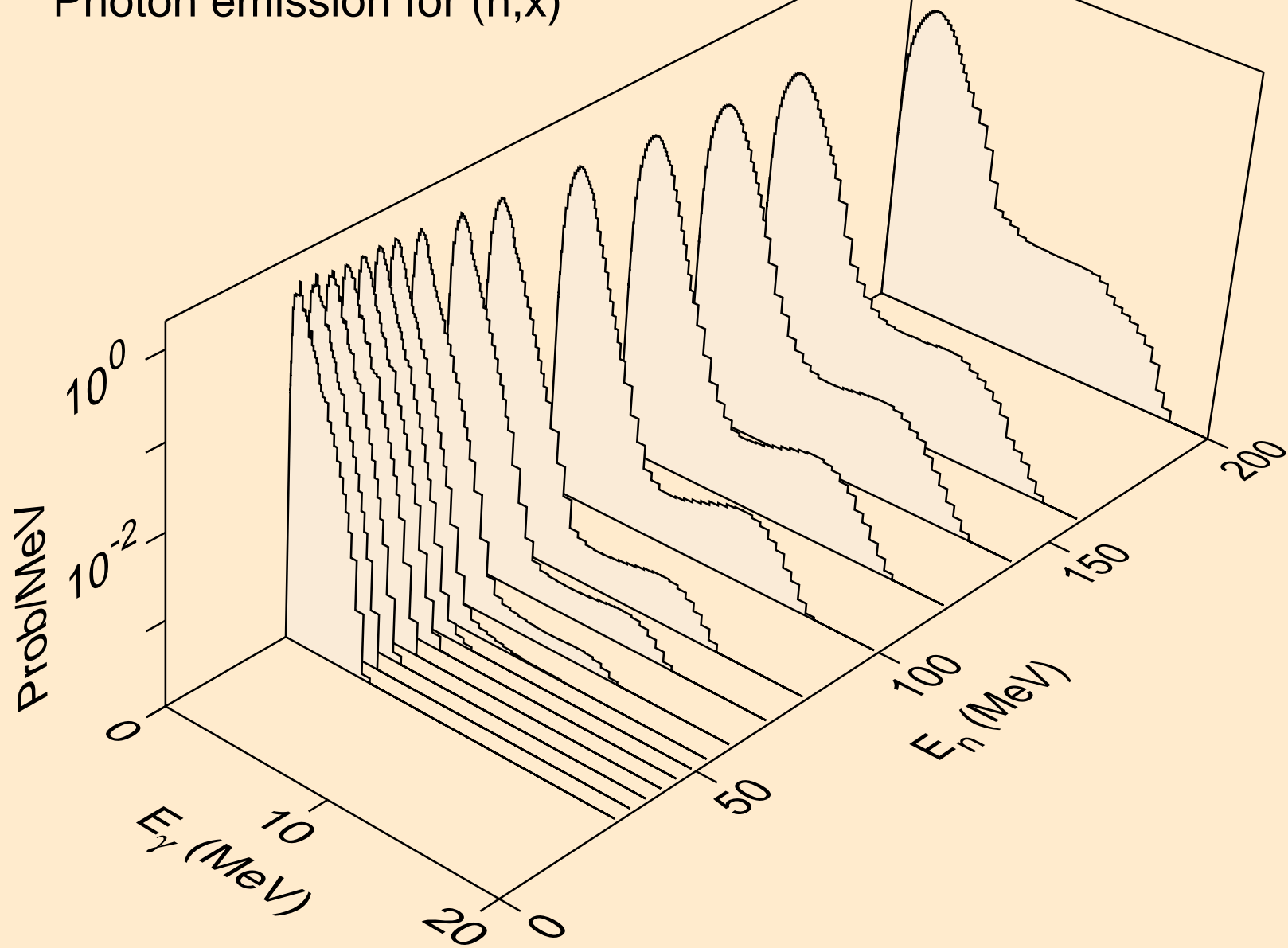
# PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Delayed neutron spectra

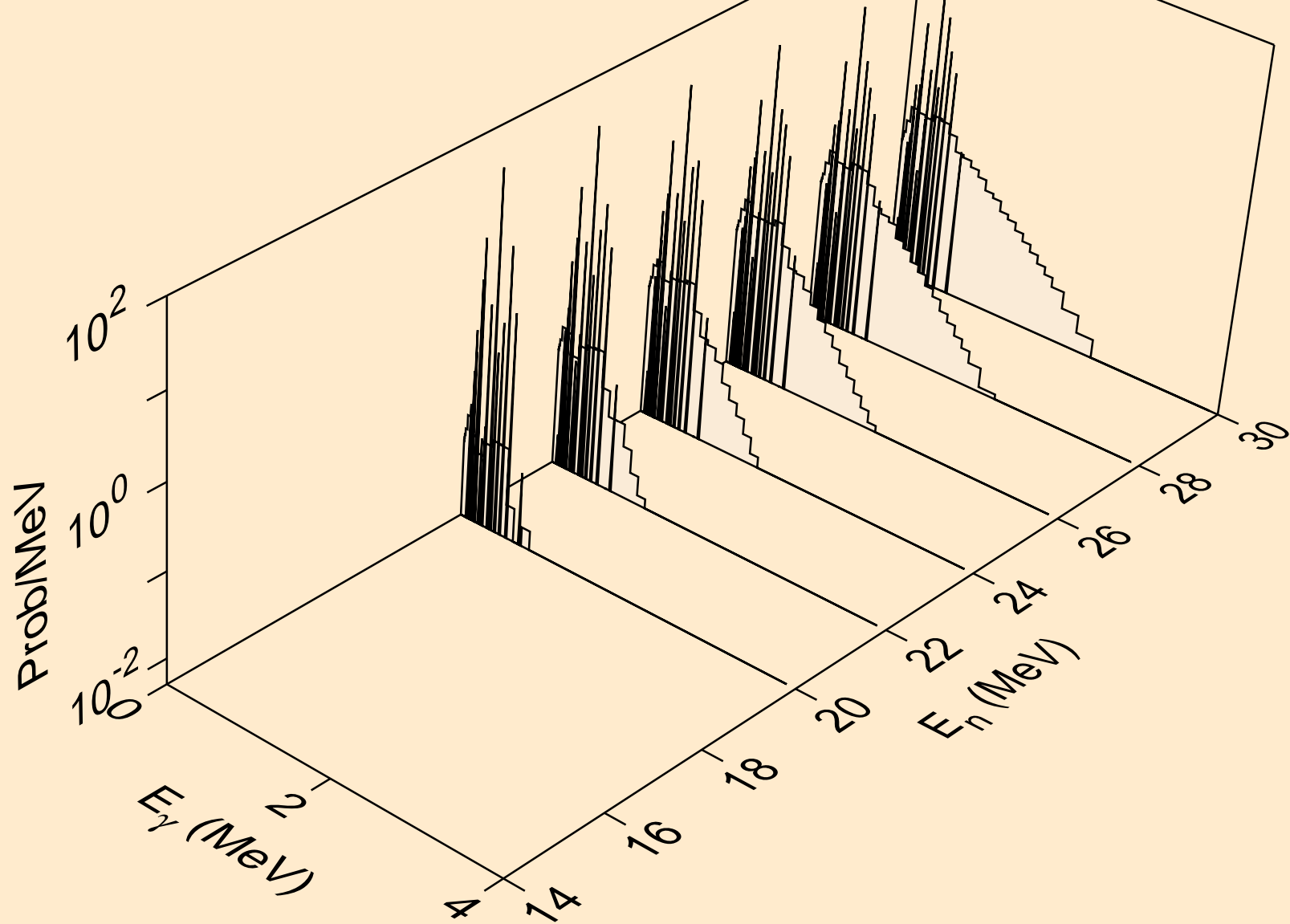




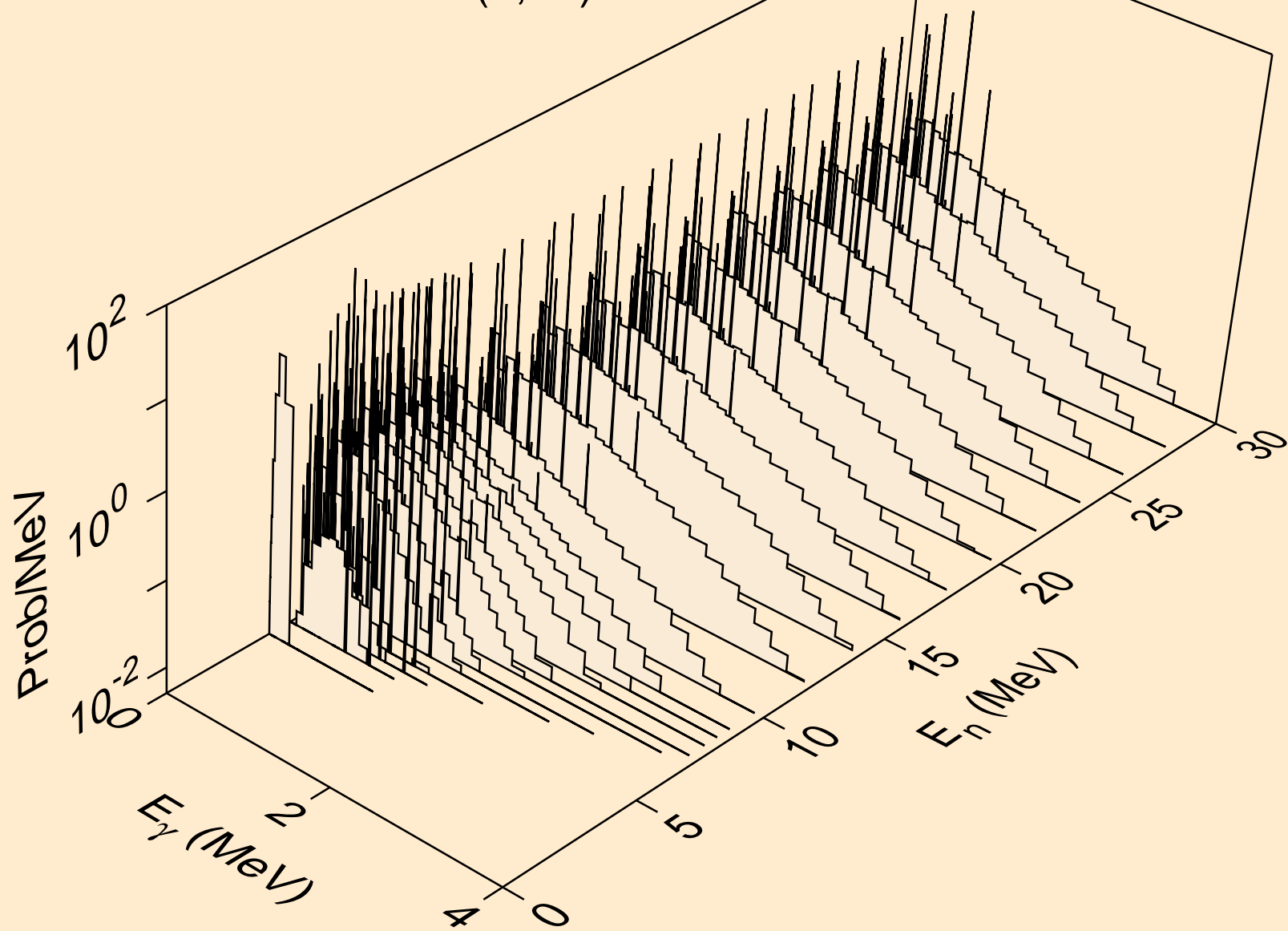
PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



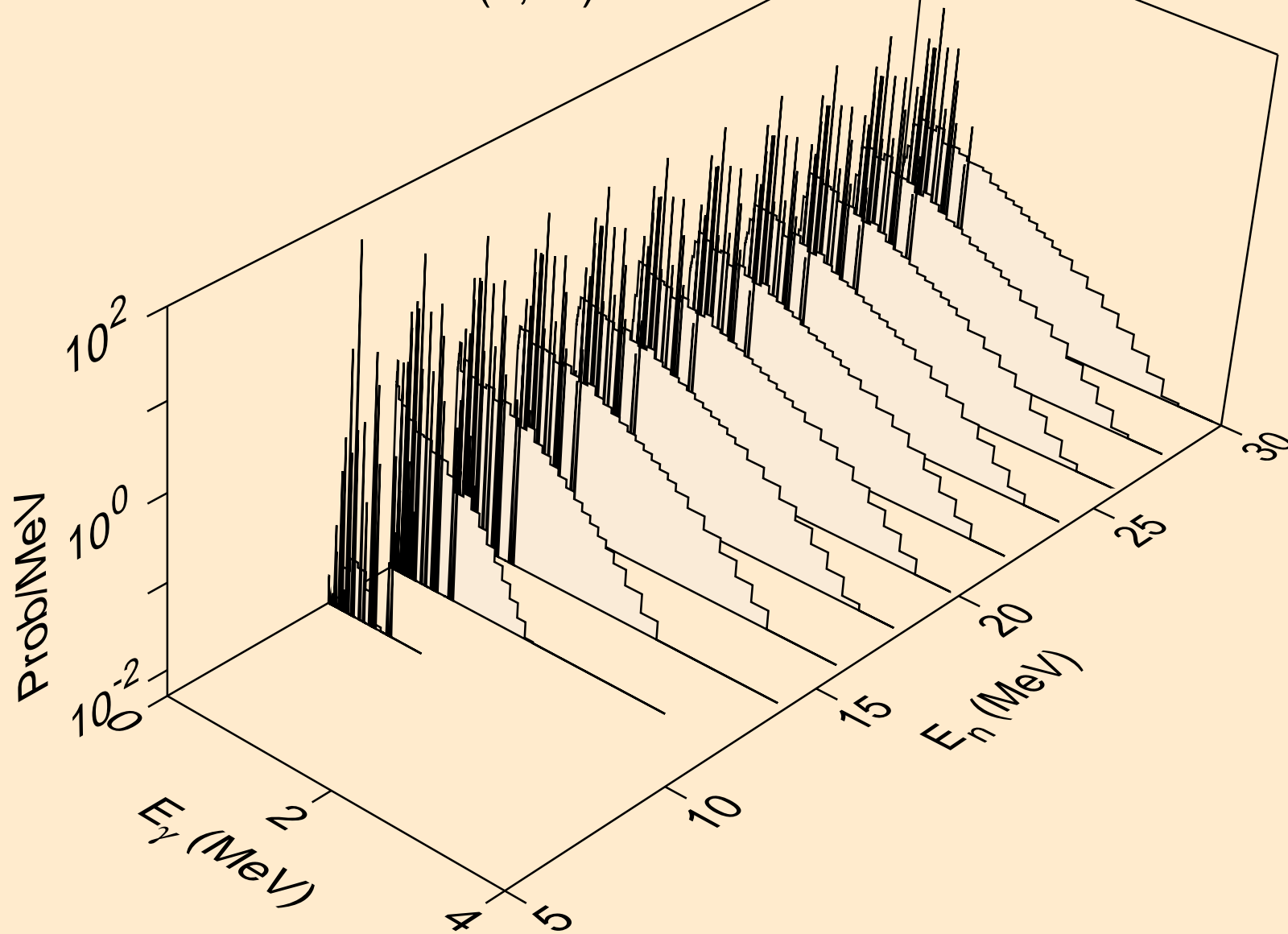
PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



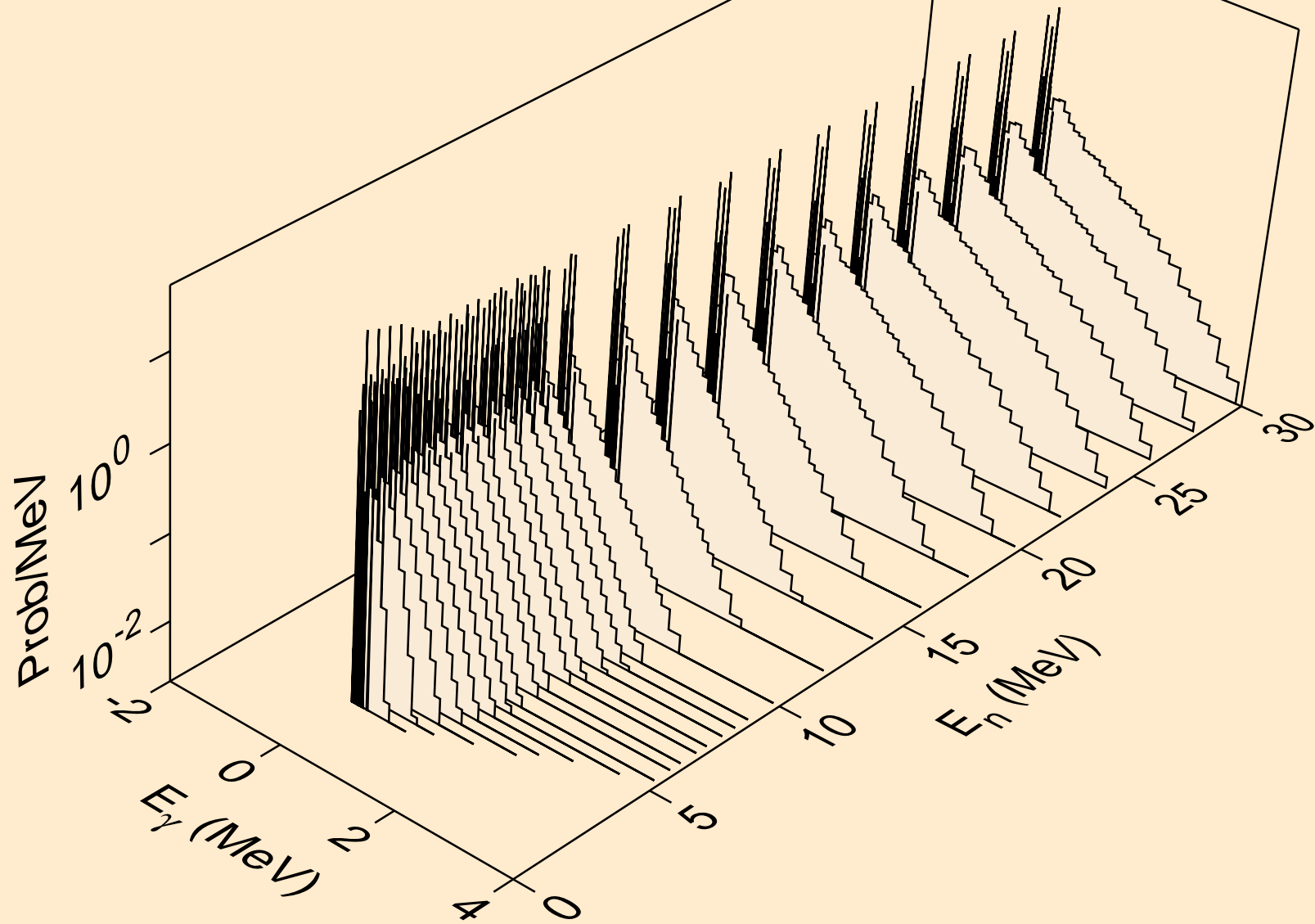
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Photon emission for (n,2n)



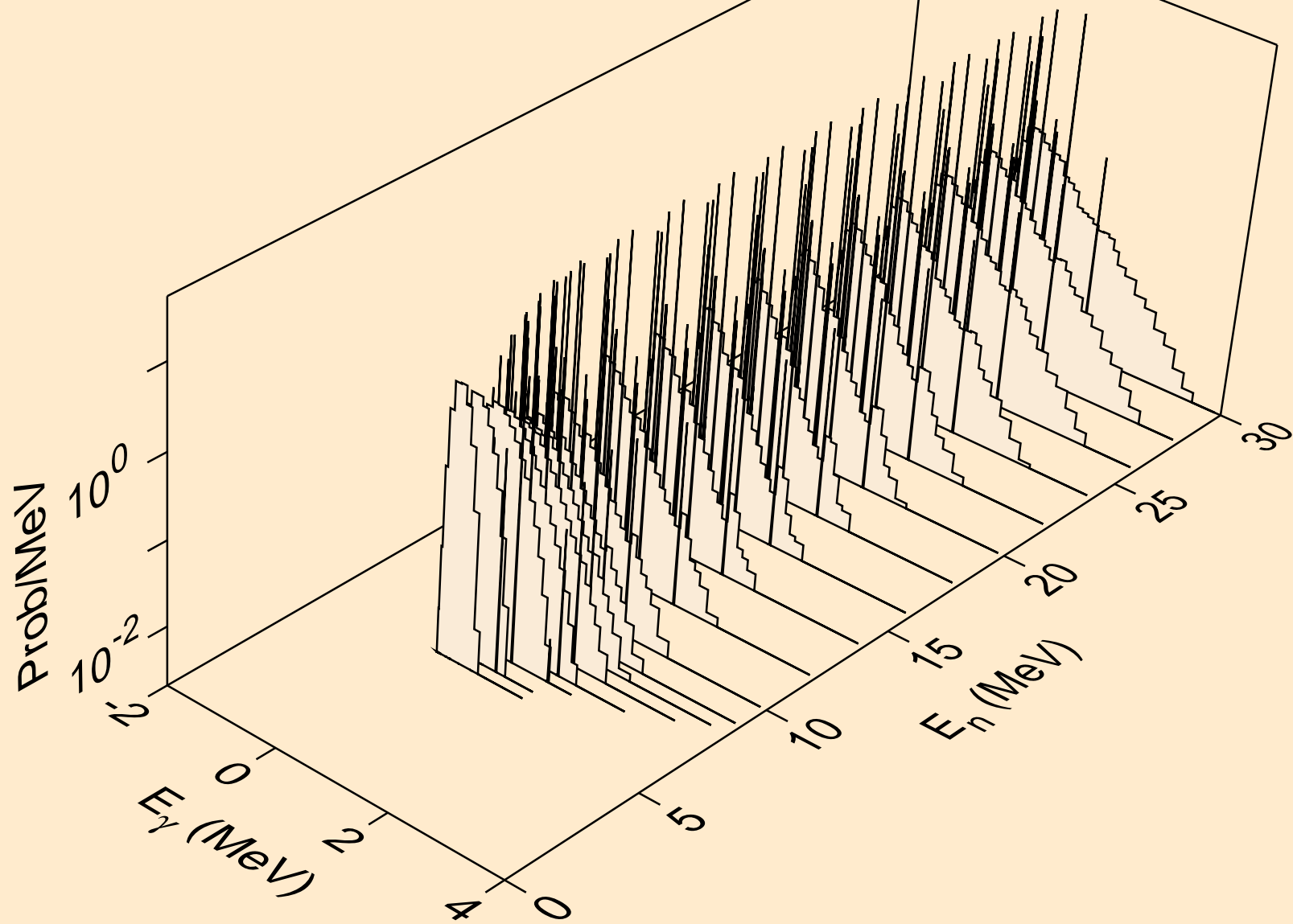
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Photon emission for (n,3n)



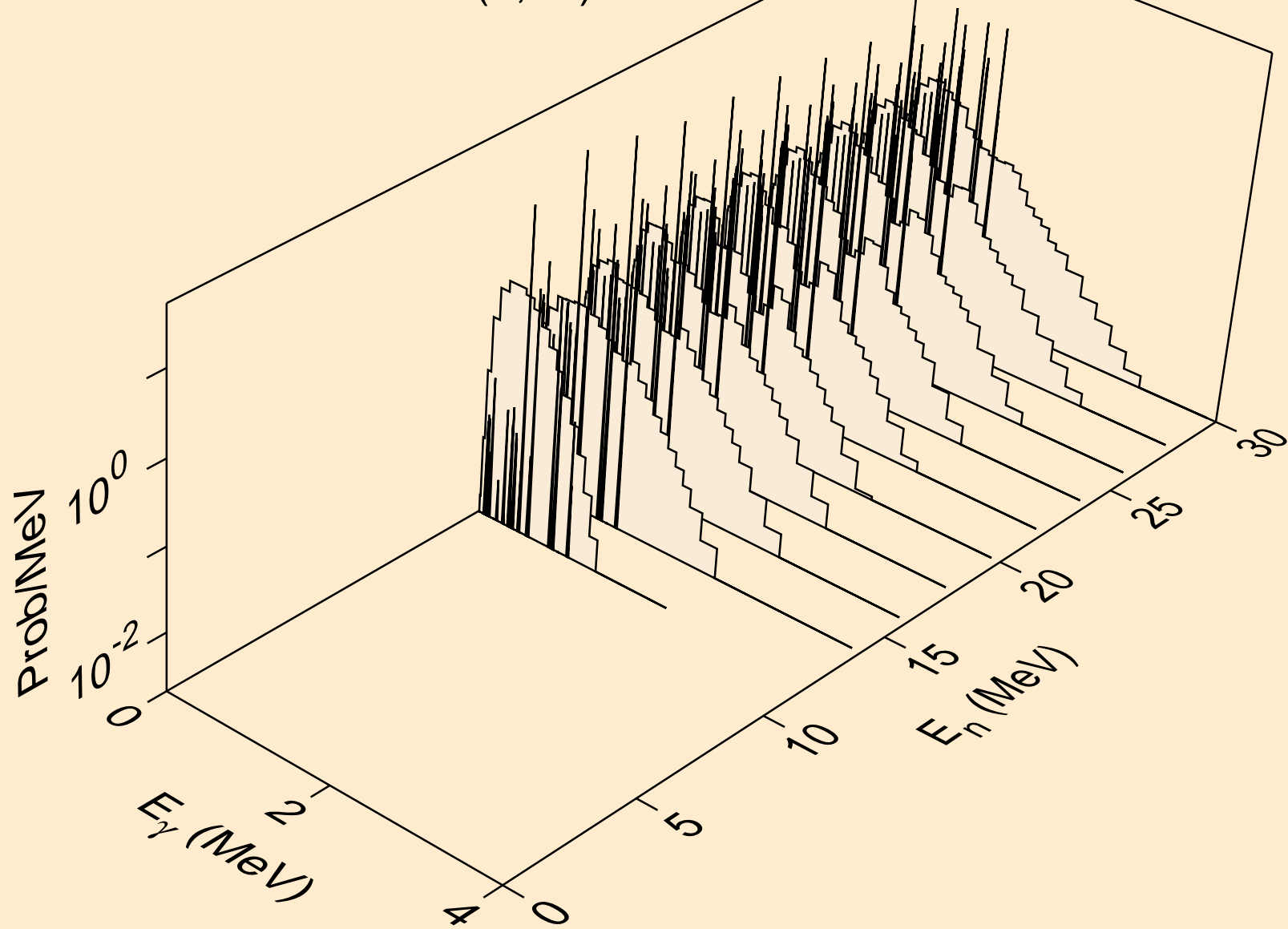
PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



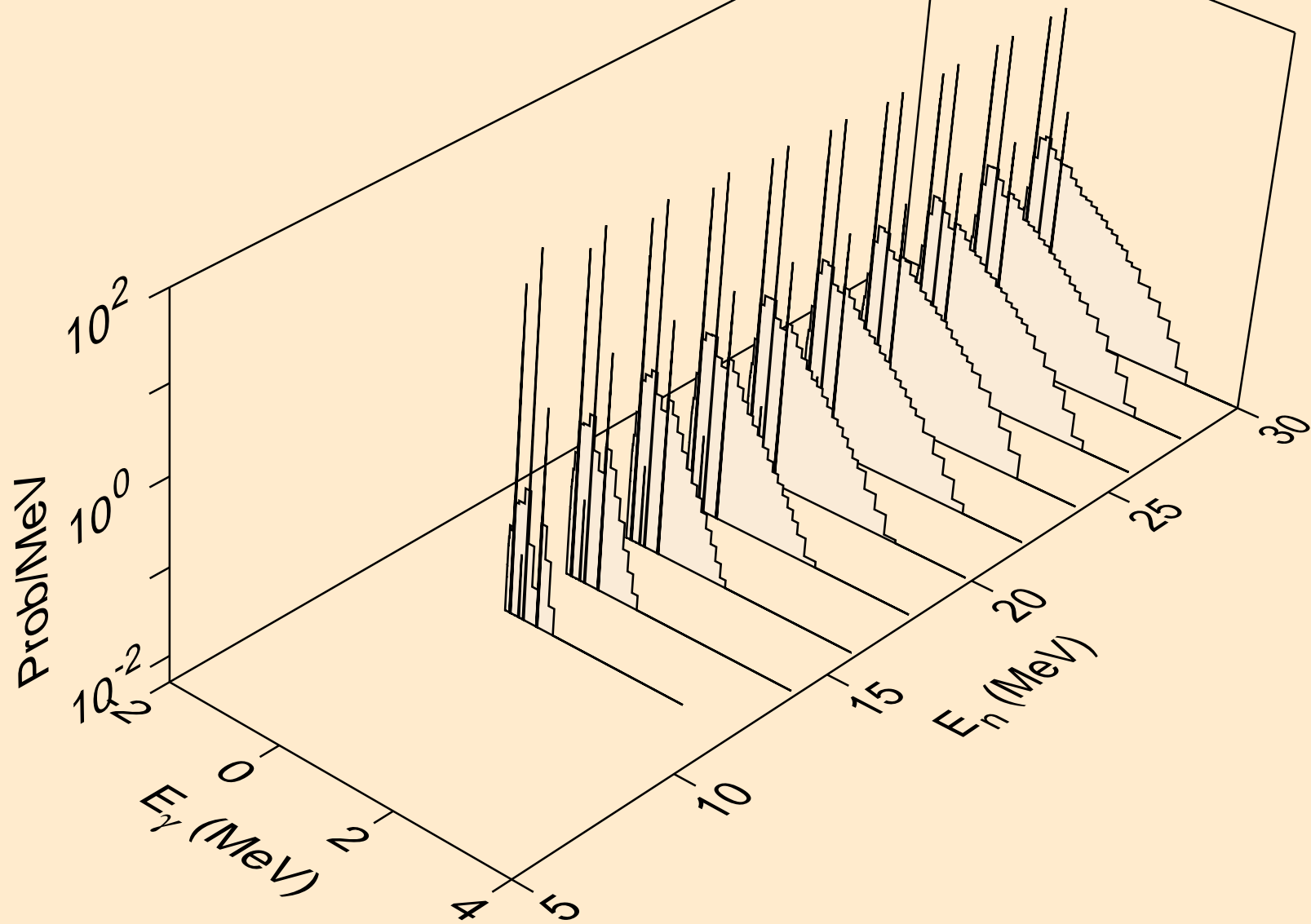
PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a

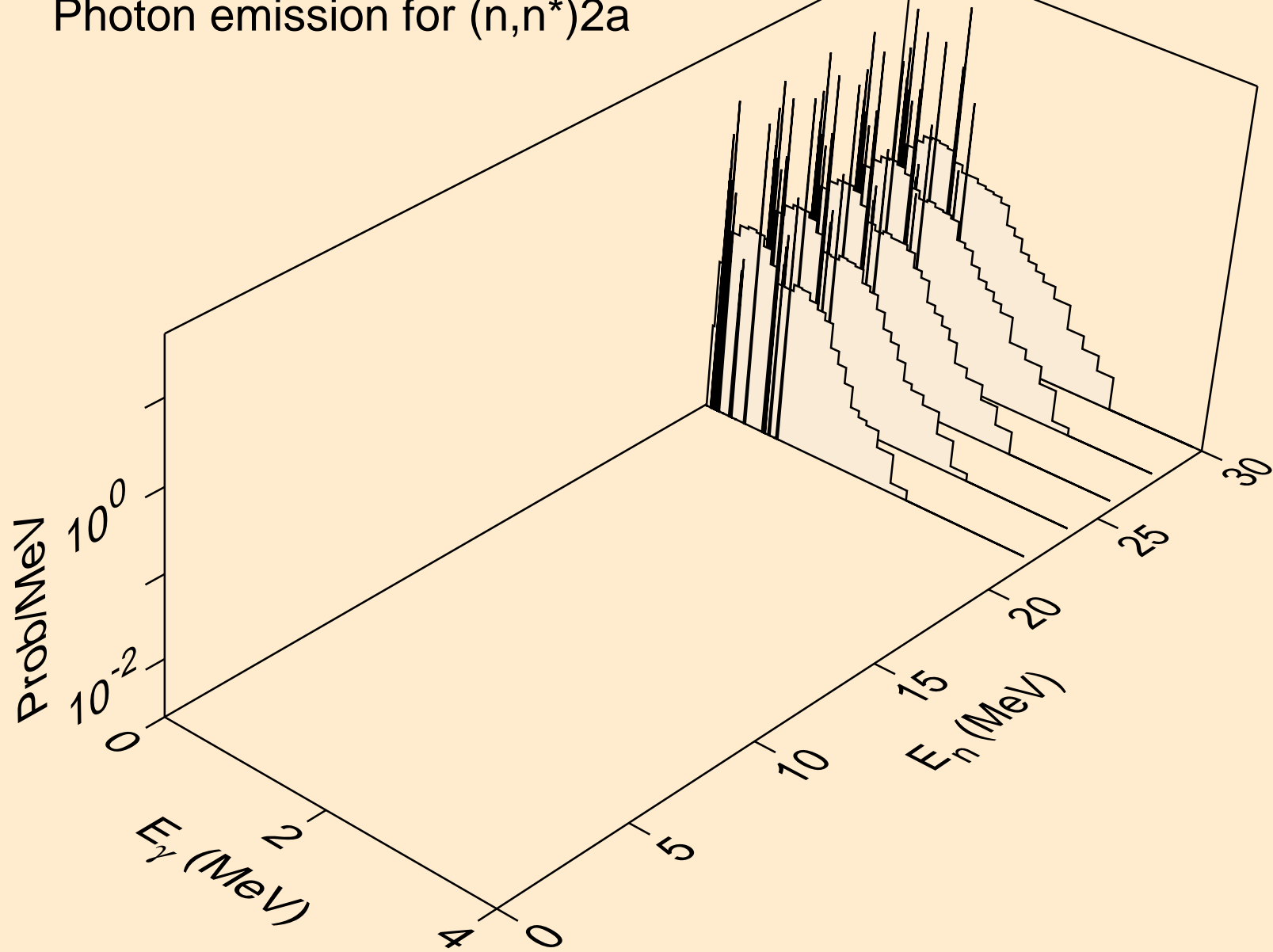


PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

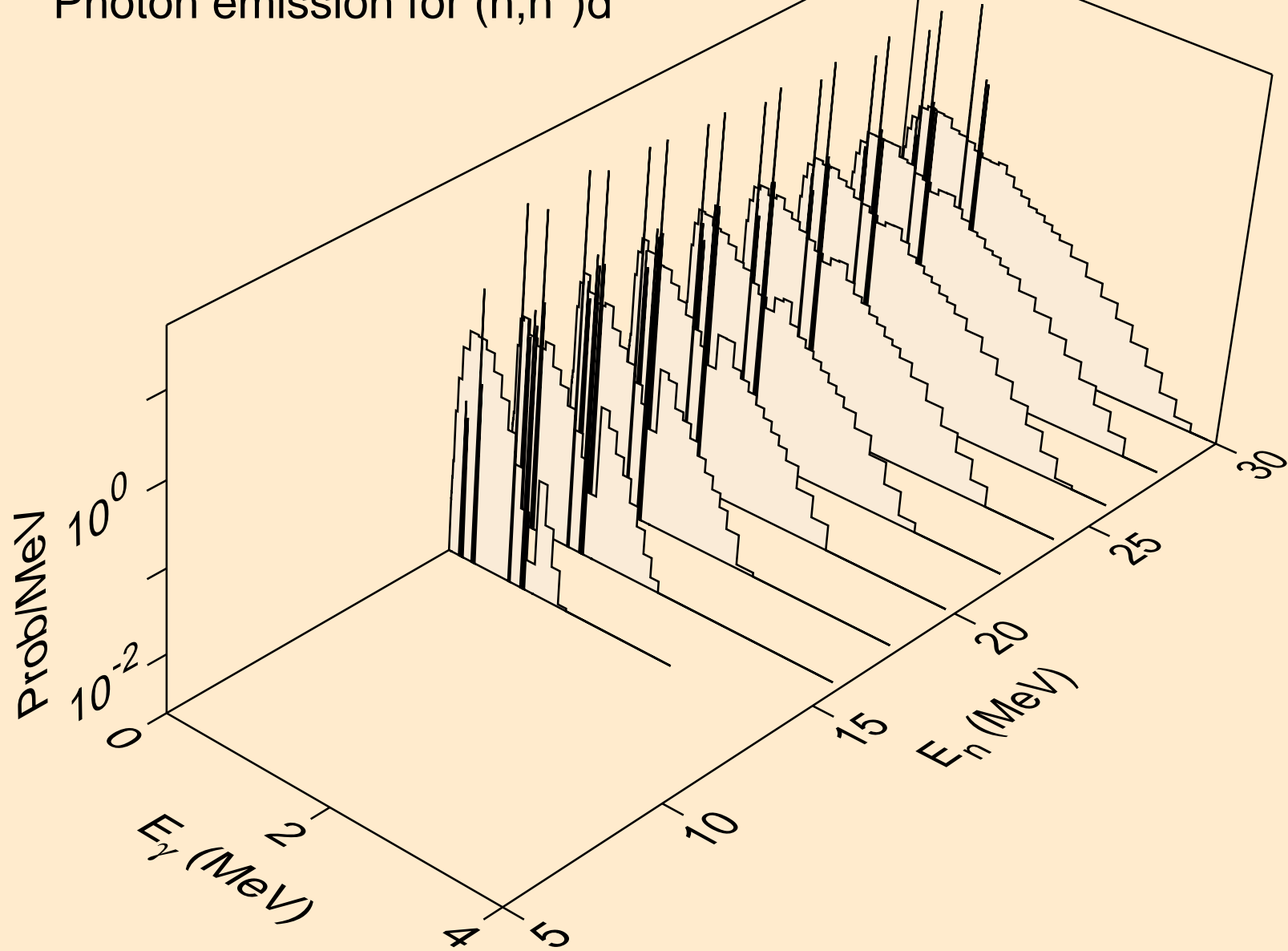




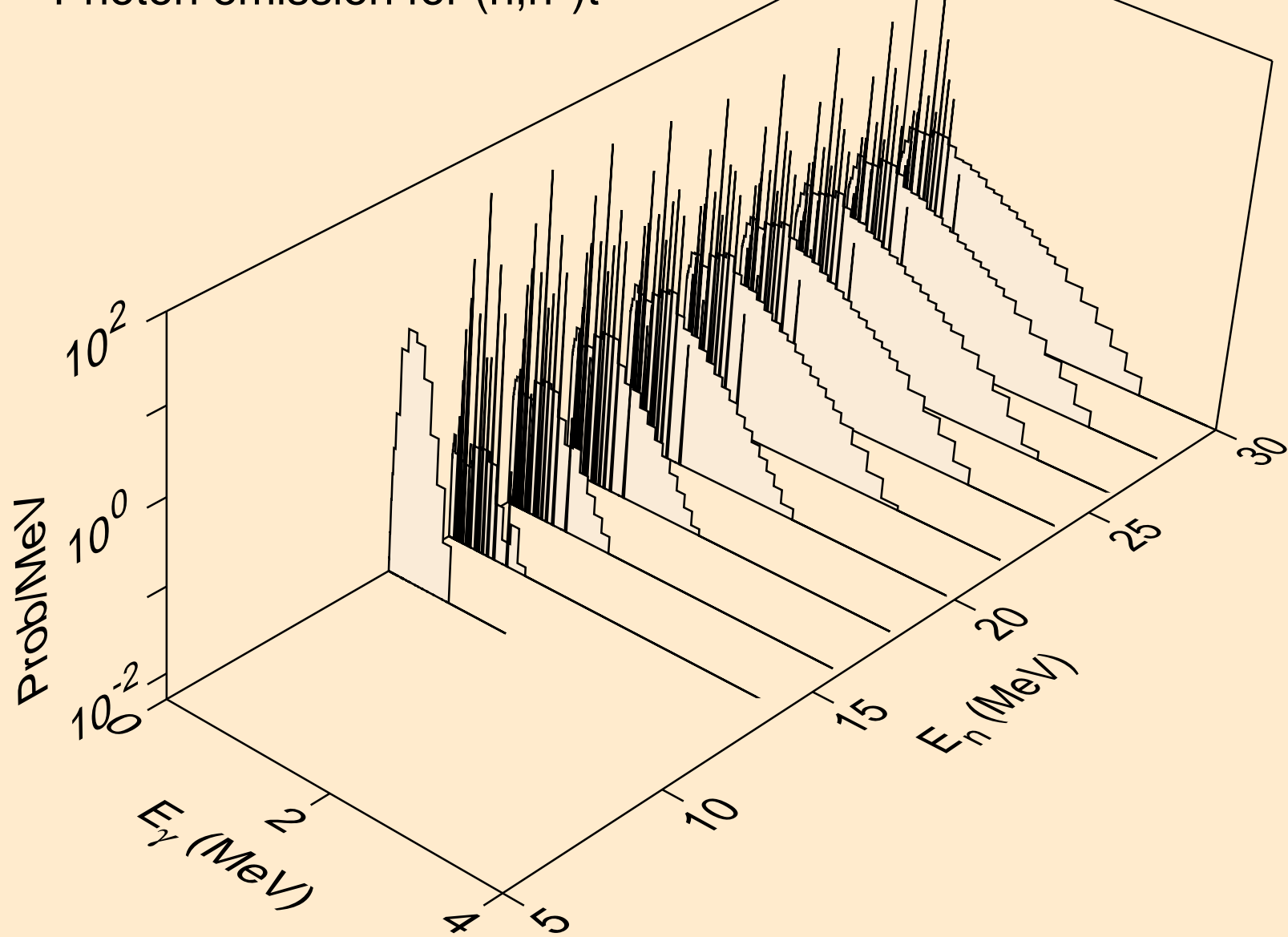
PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



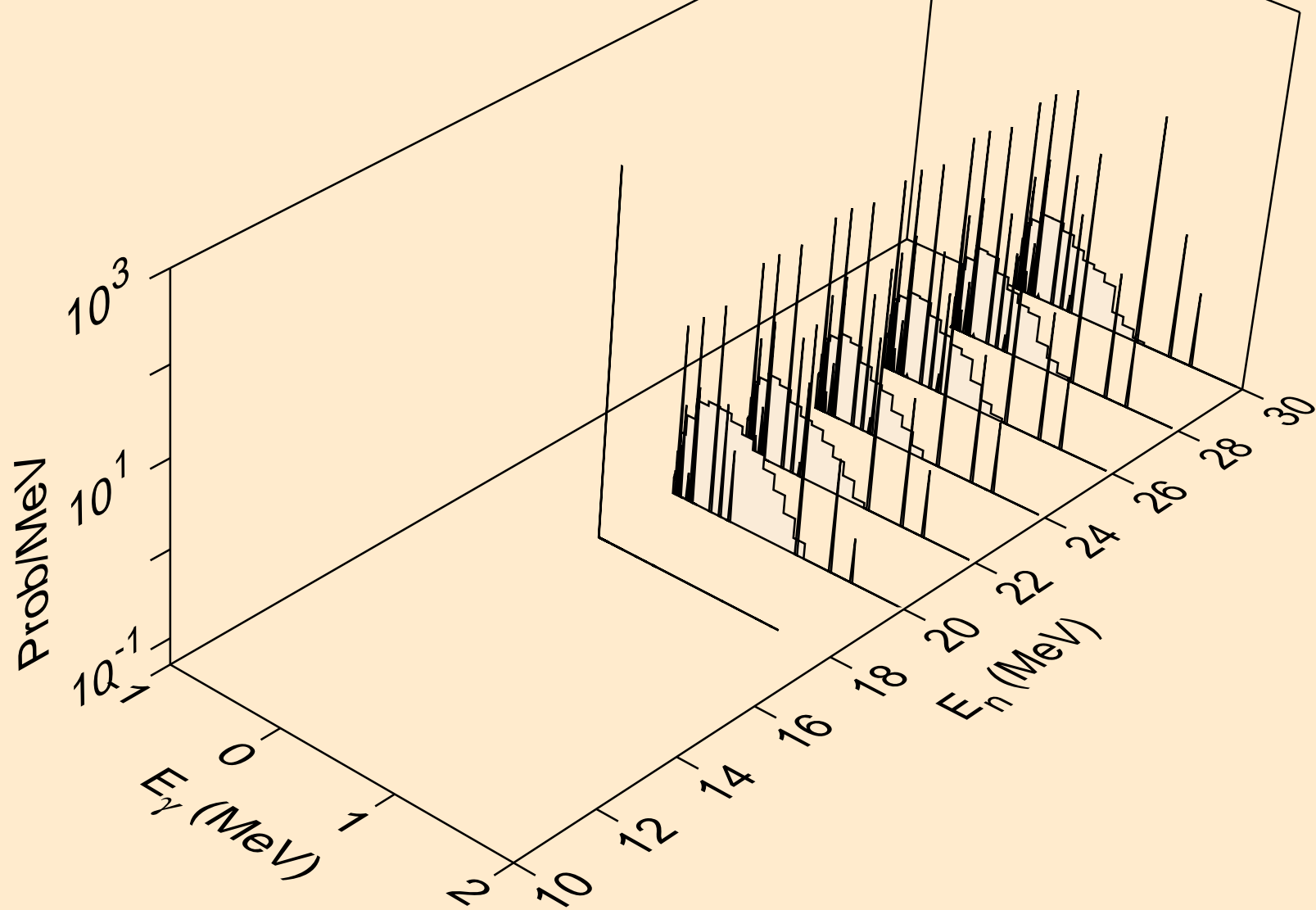
PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



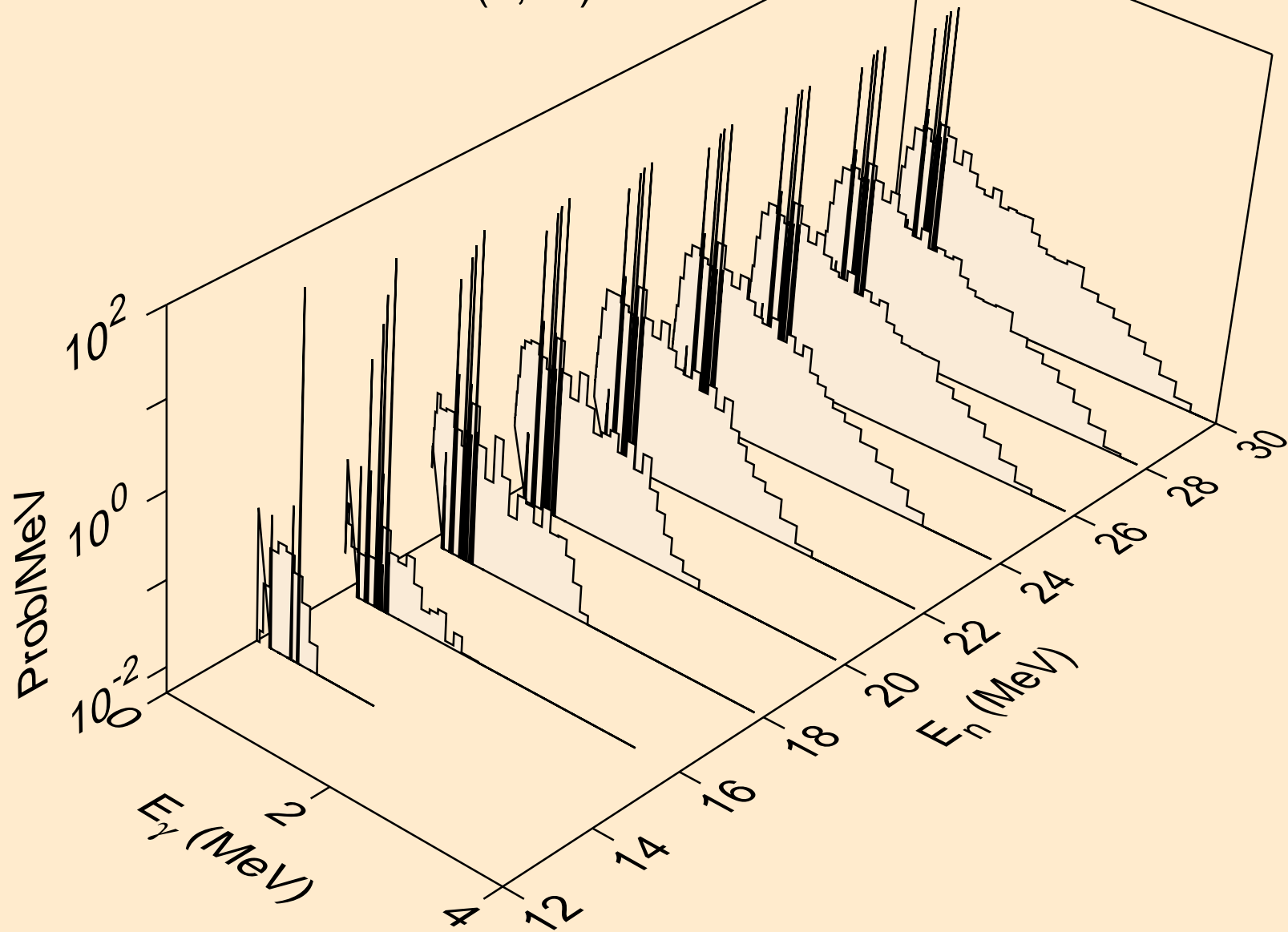
PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



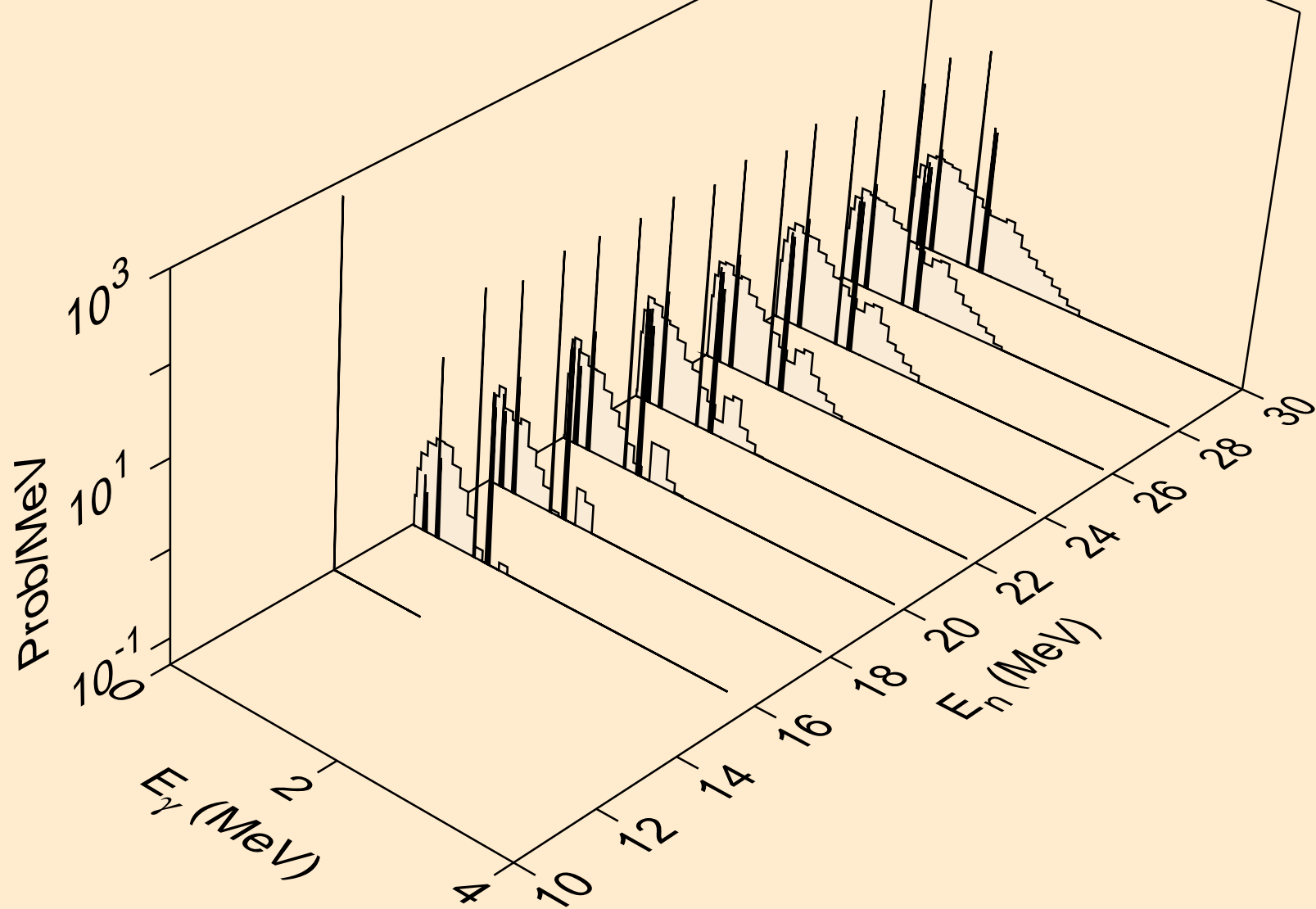
PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



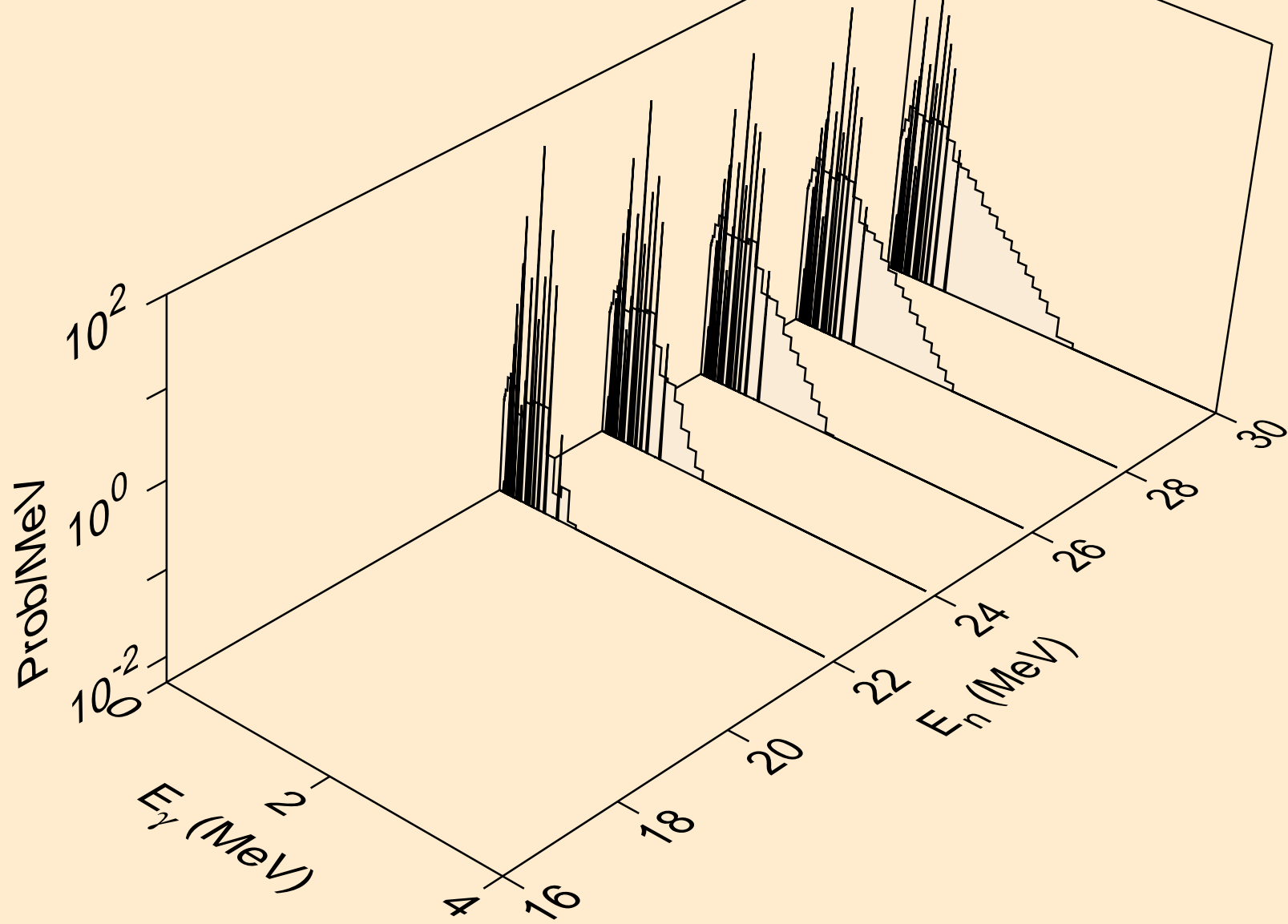
PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



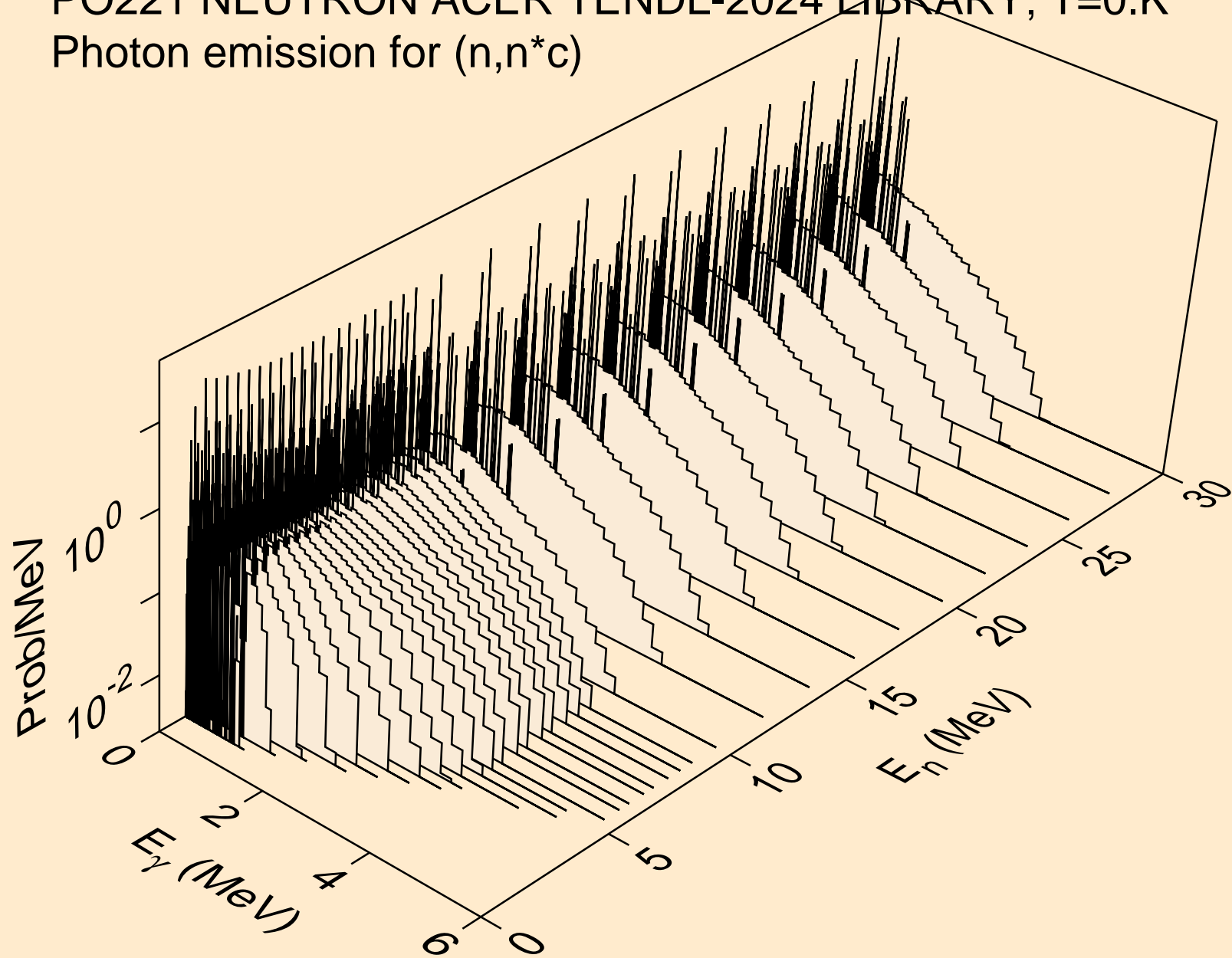
PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)

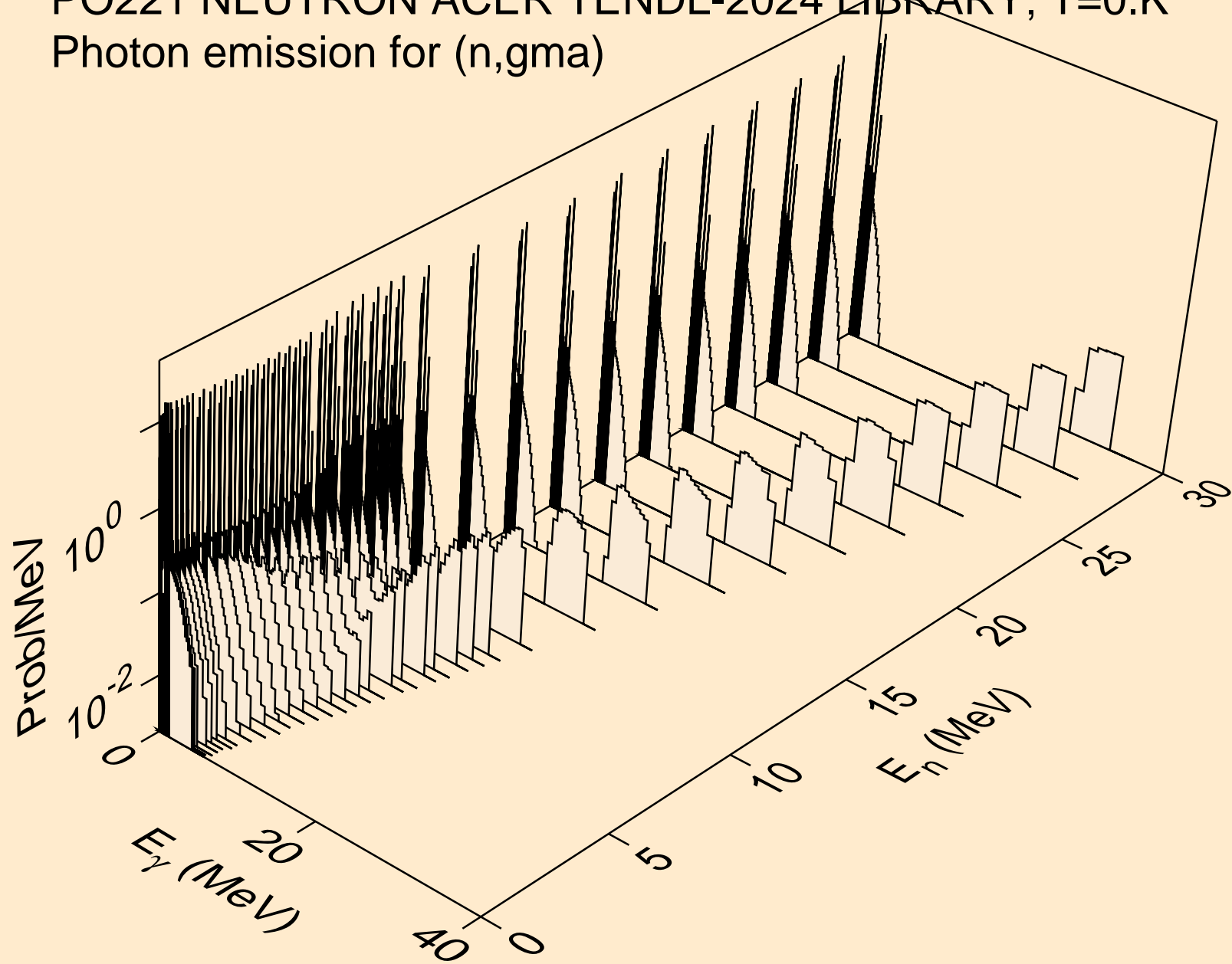


PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)

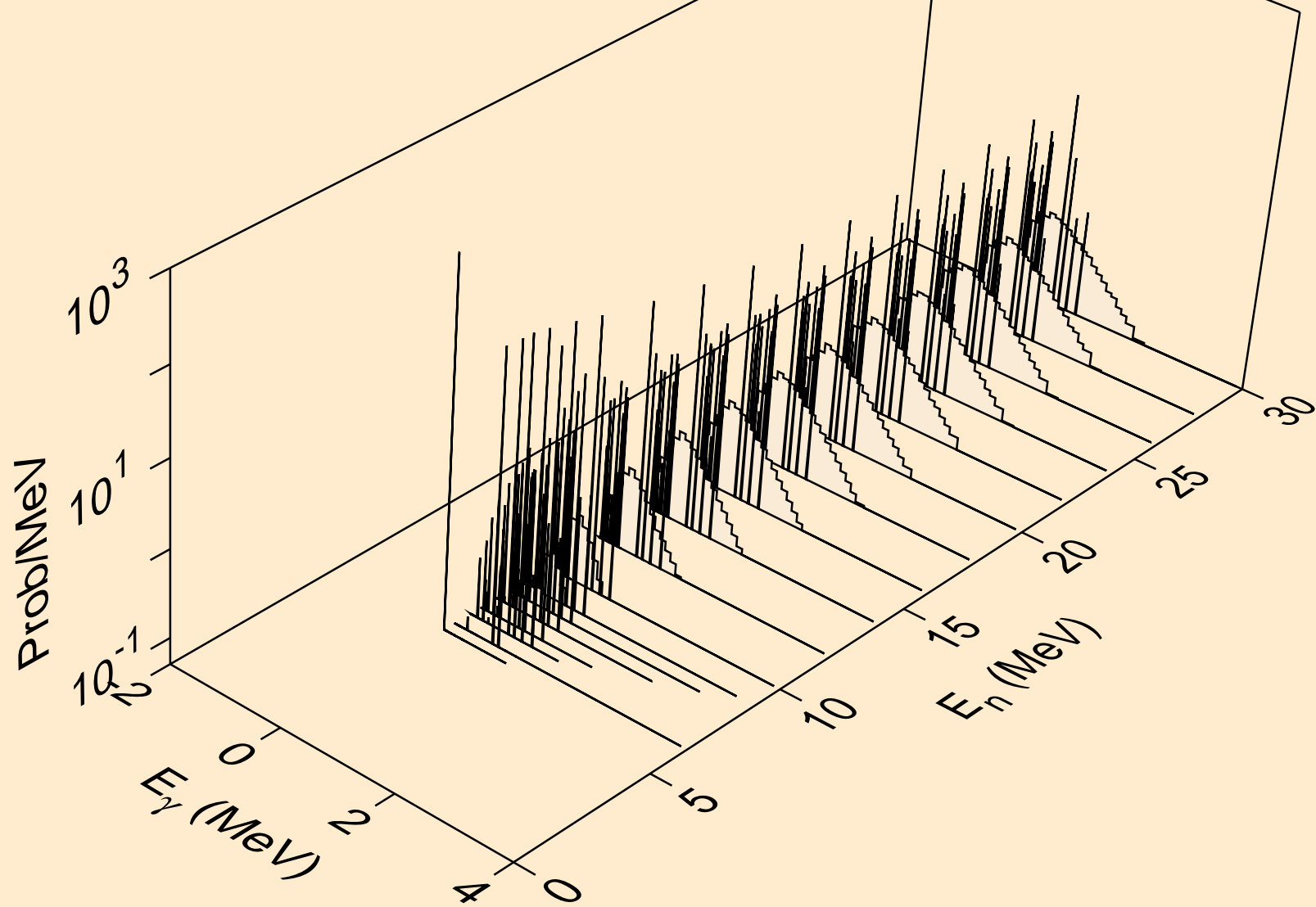




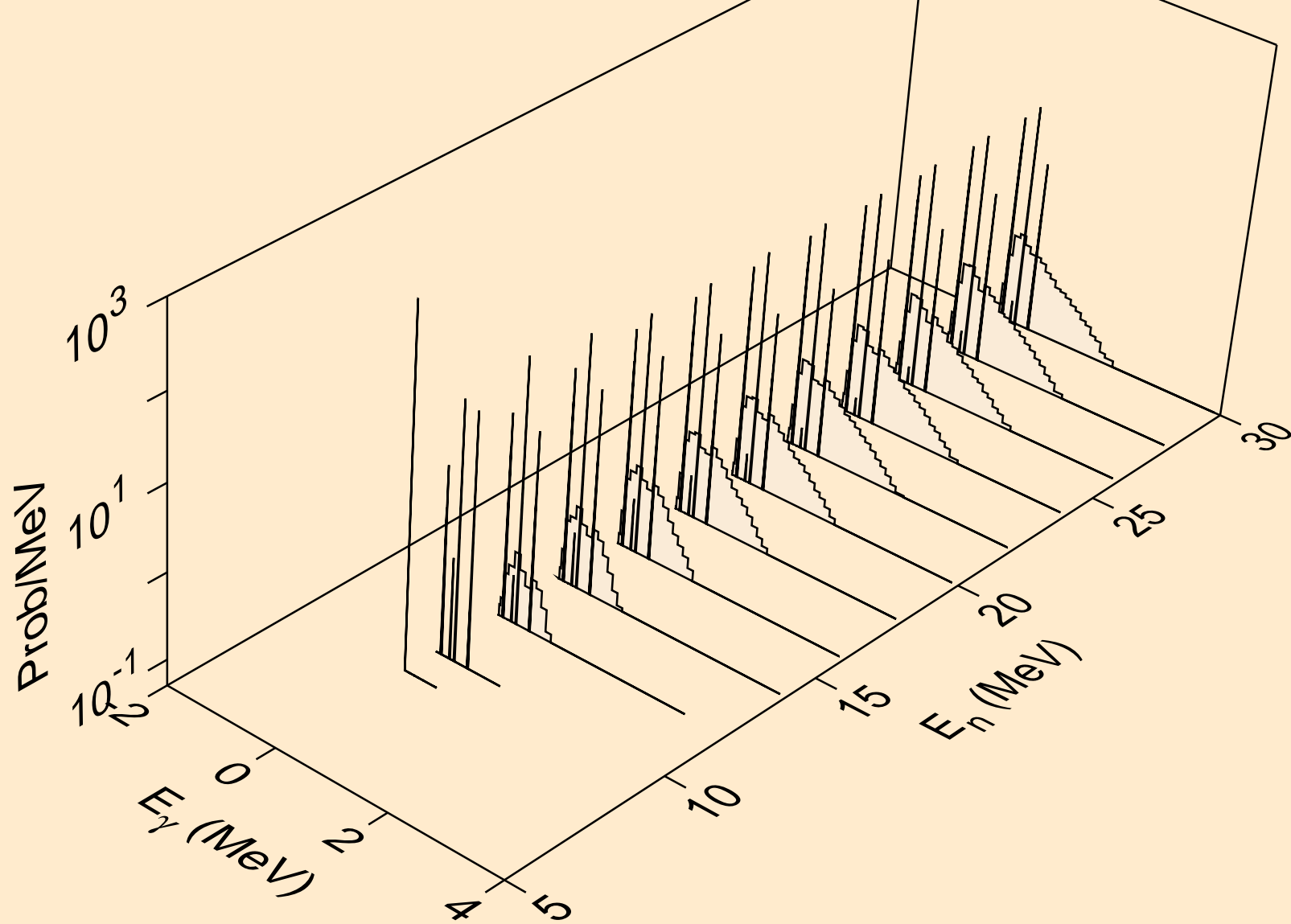
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Photon emission for (n,gma)



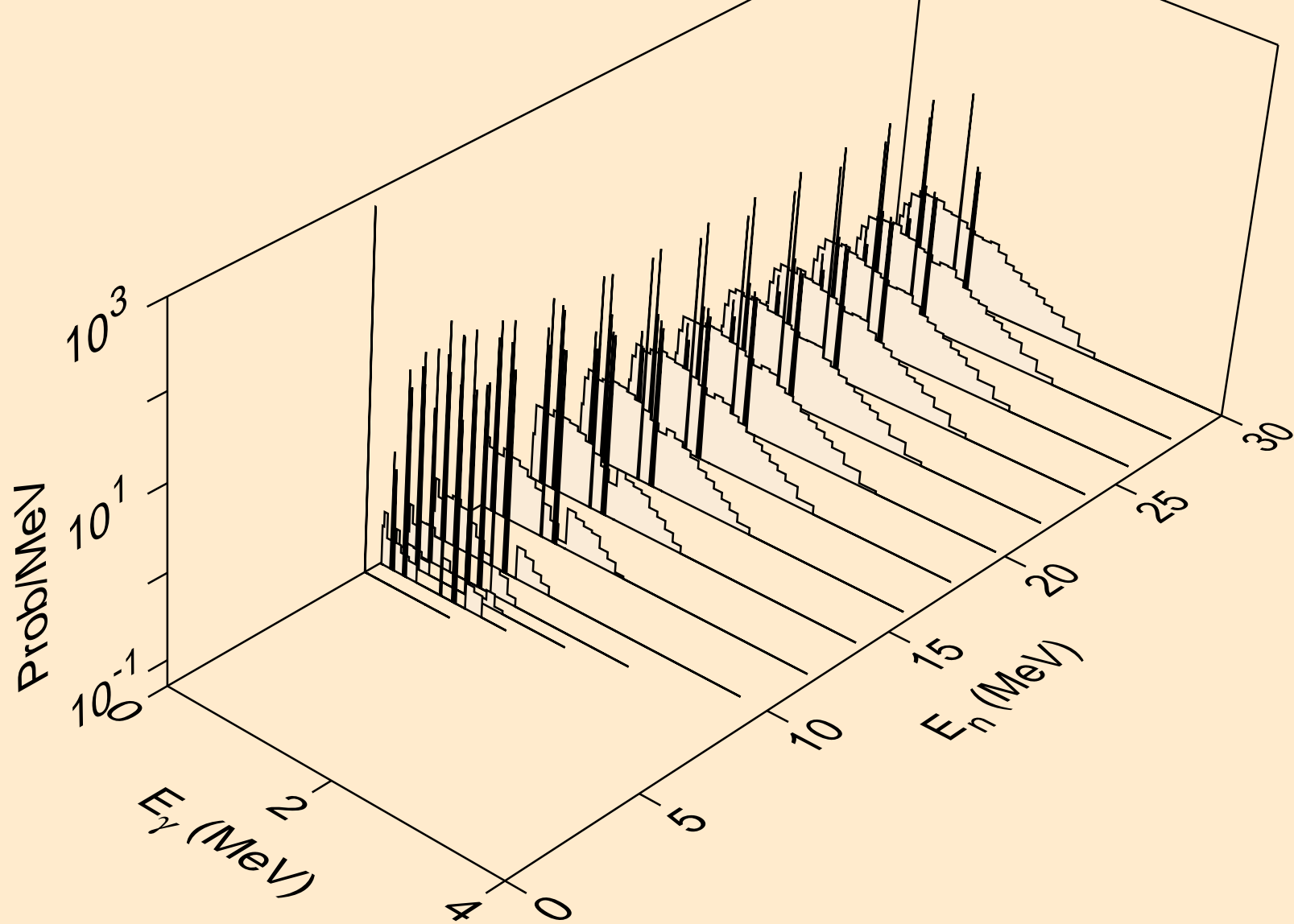
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Photon emission for (n,p)



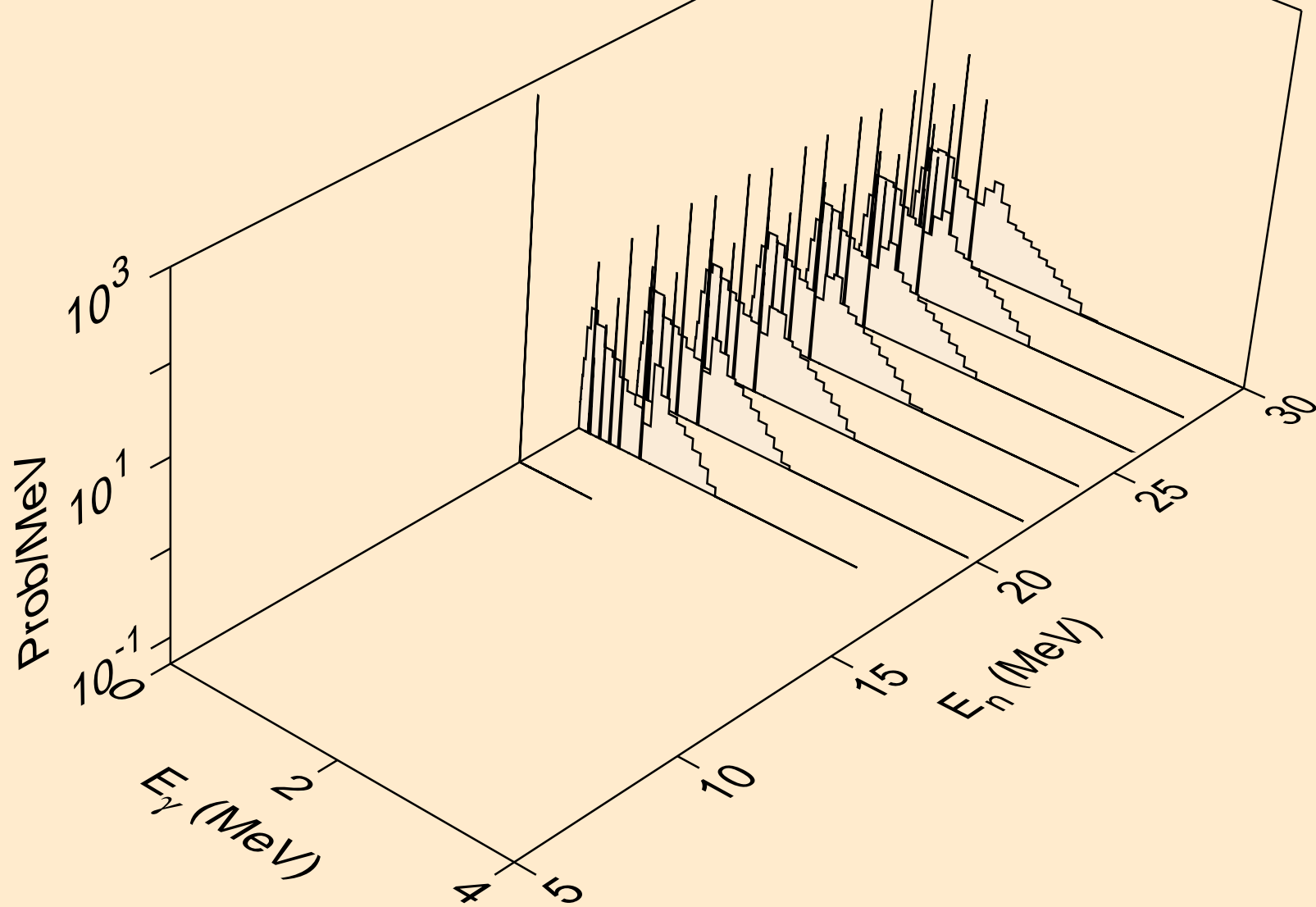
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Photon emission for (n,d)



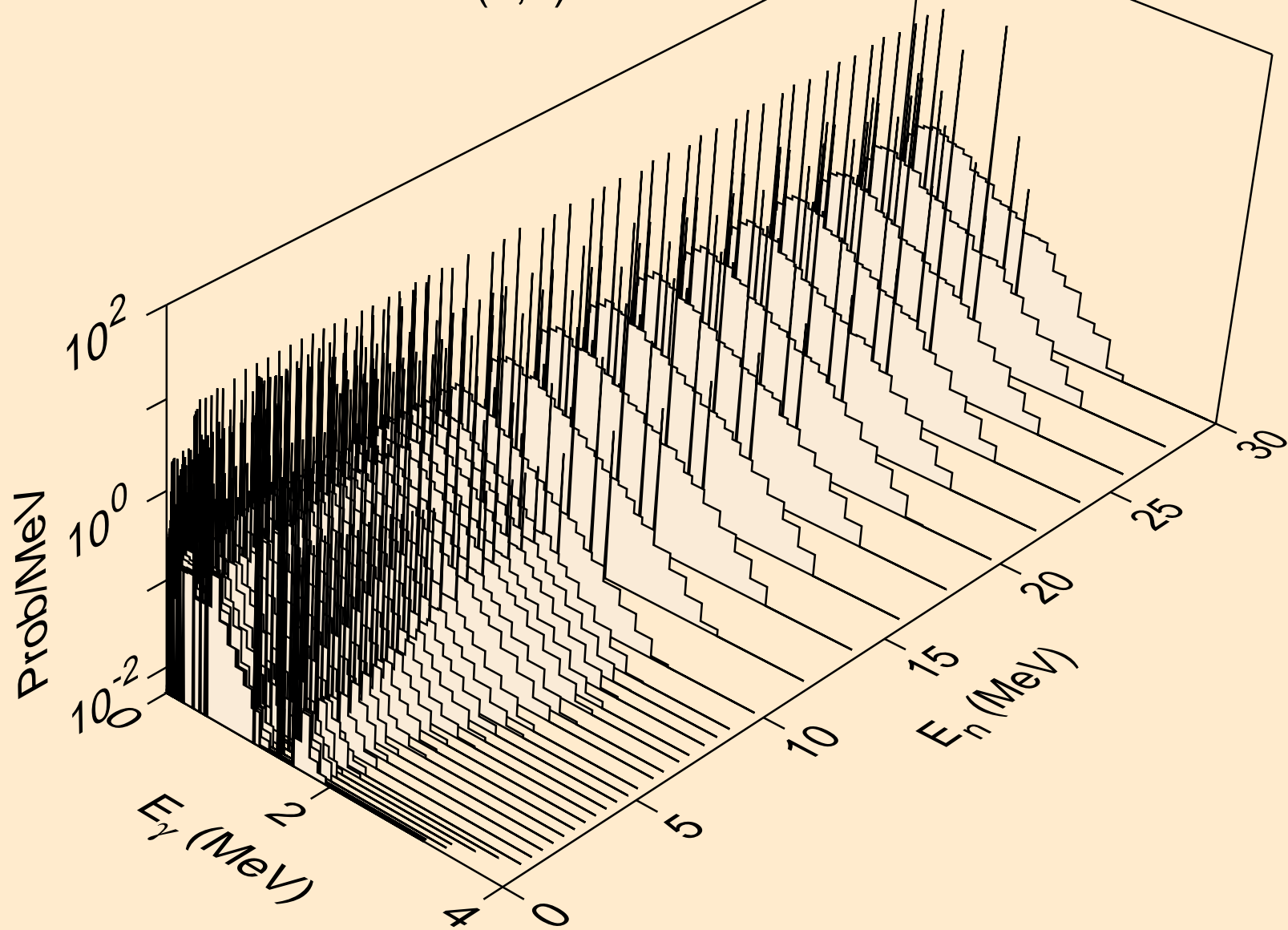
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Photon emission for (n,t)



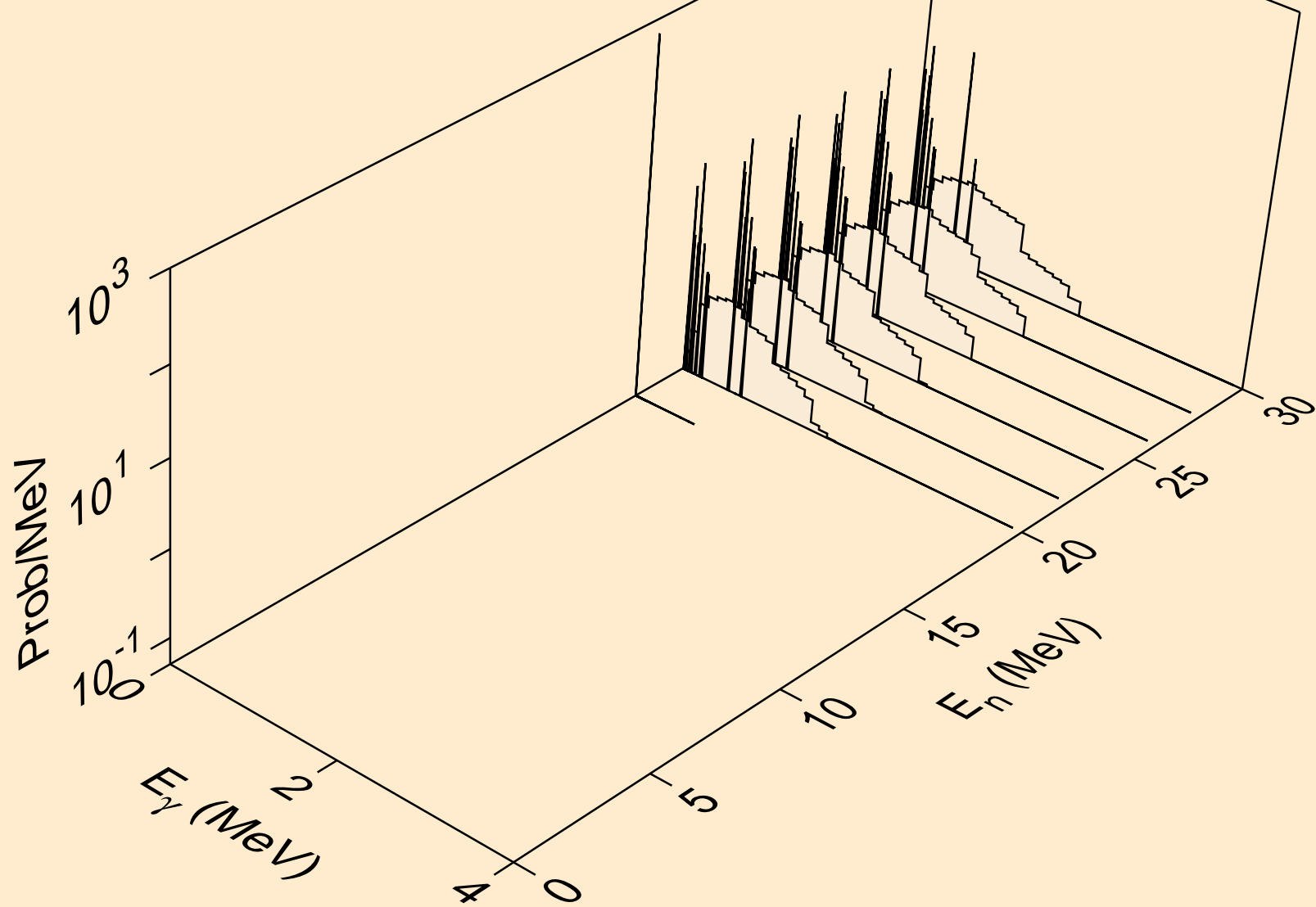
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Photon emission for (n,he3)



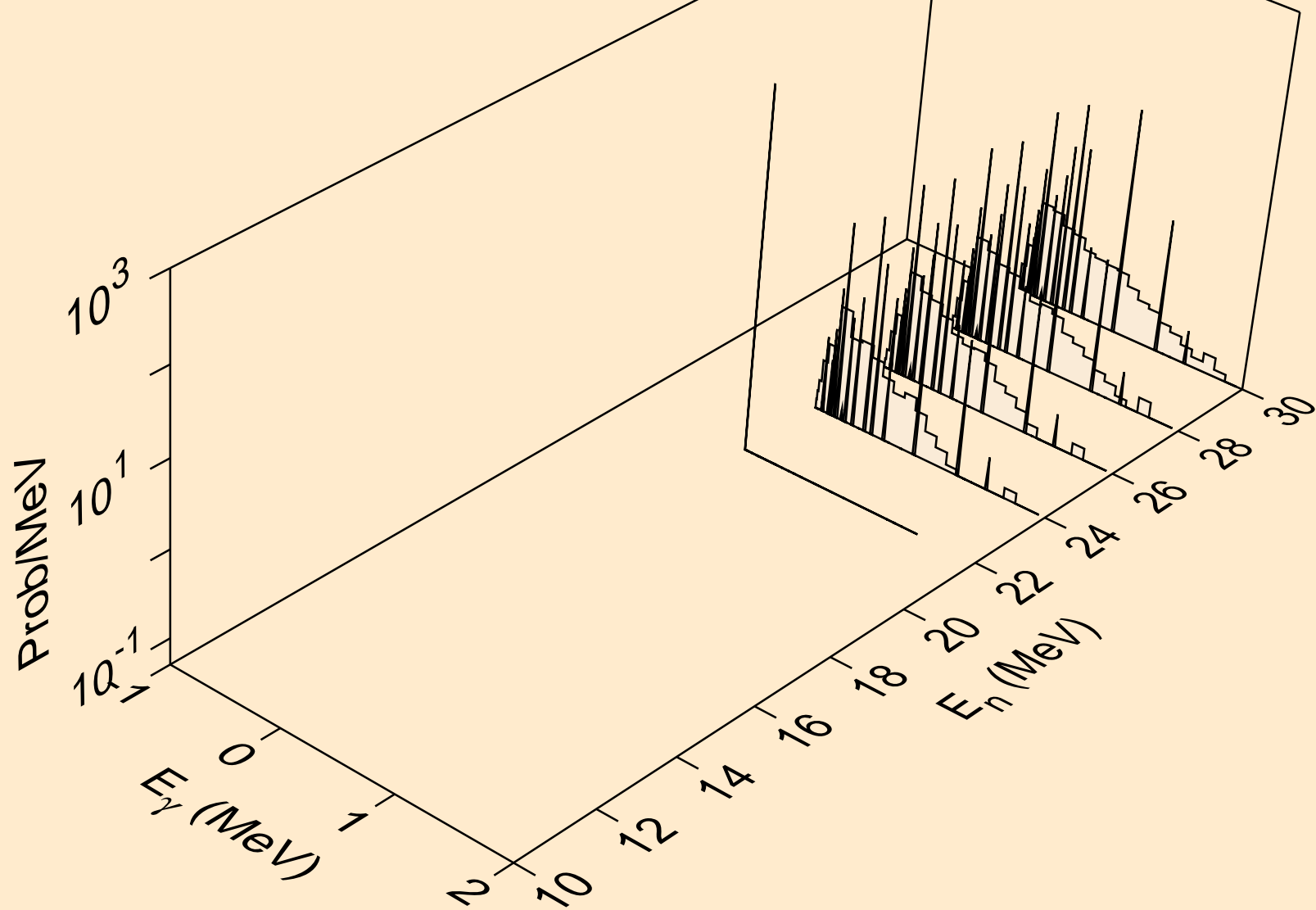
PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)

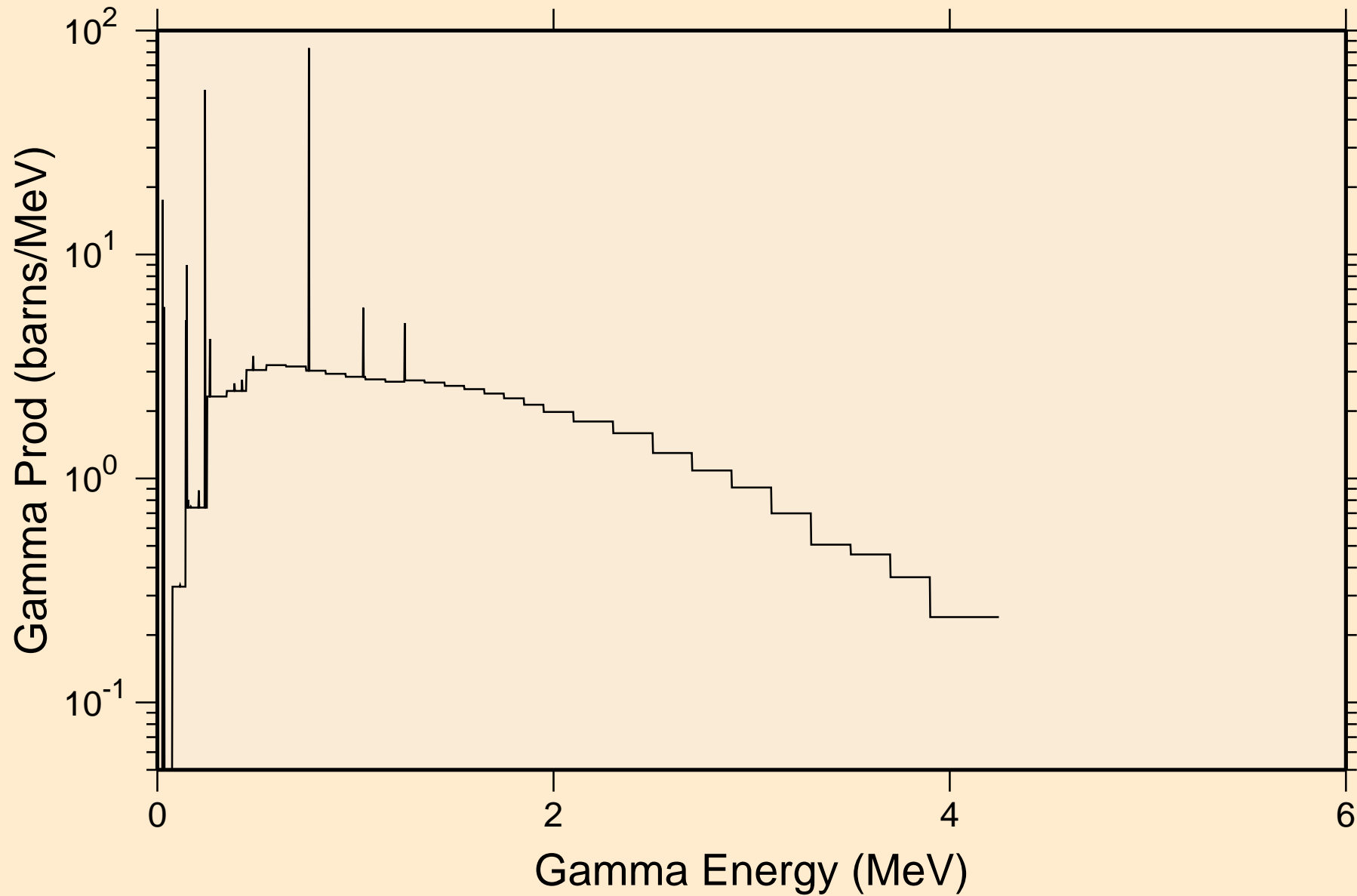


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Photon emission for (n,2p)

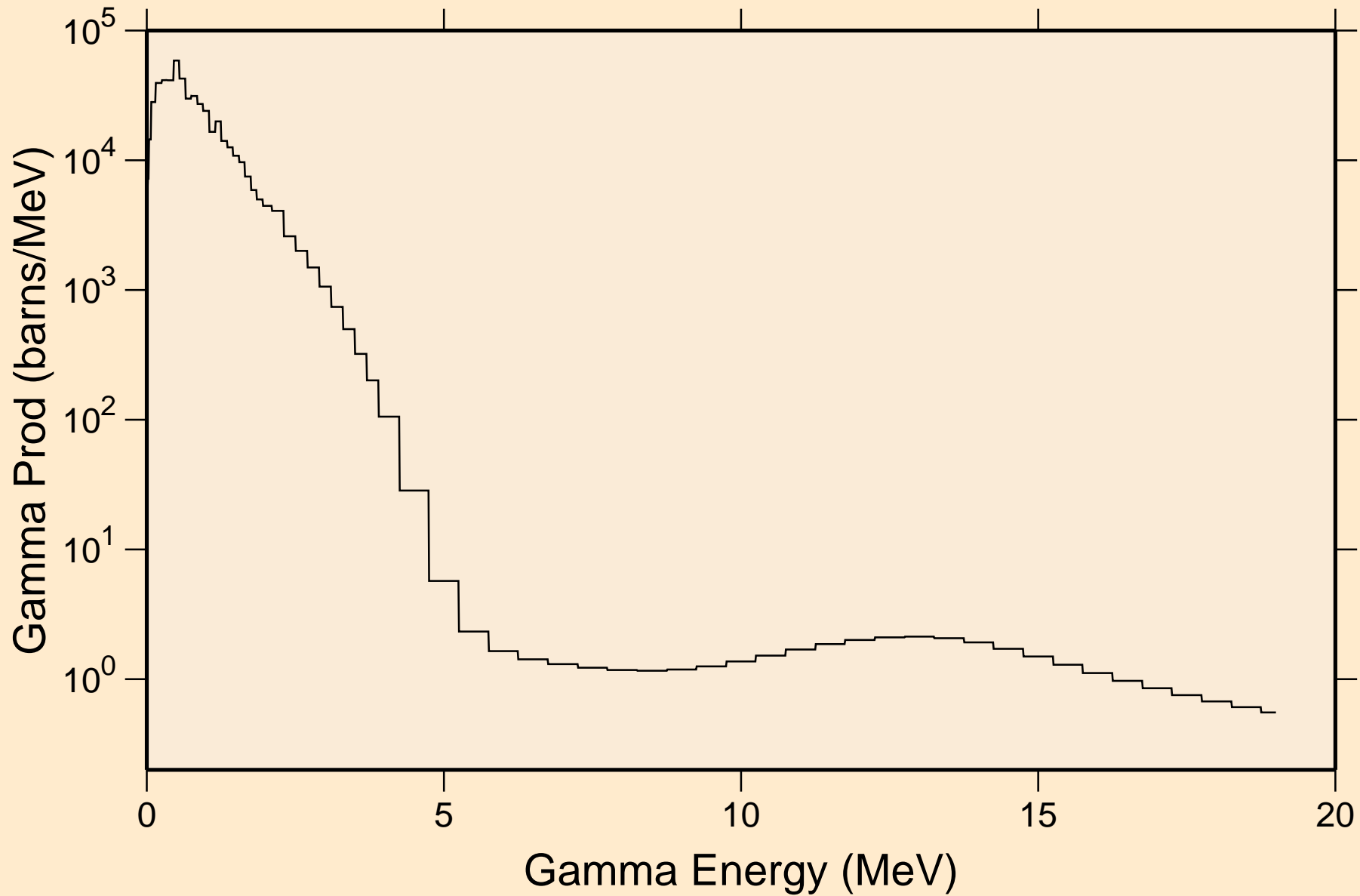




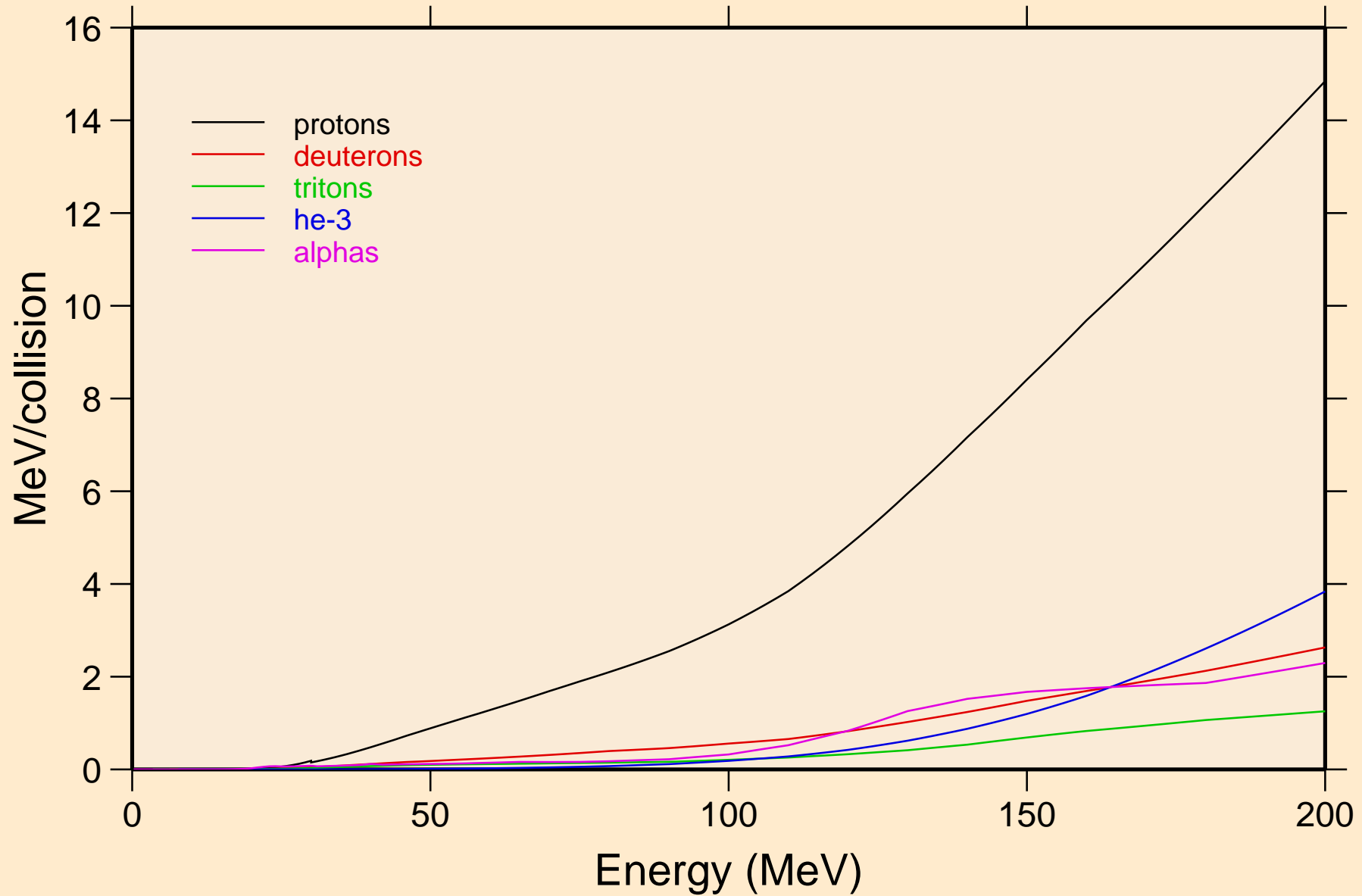
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thermal capture photon spectrum



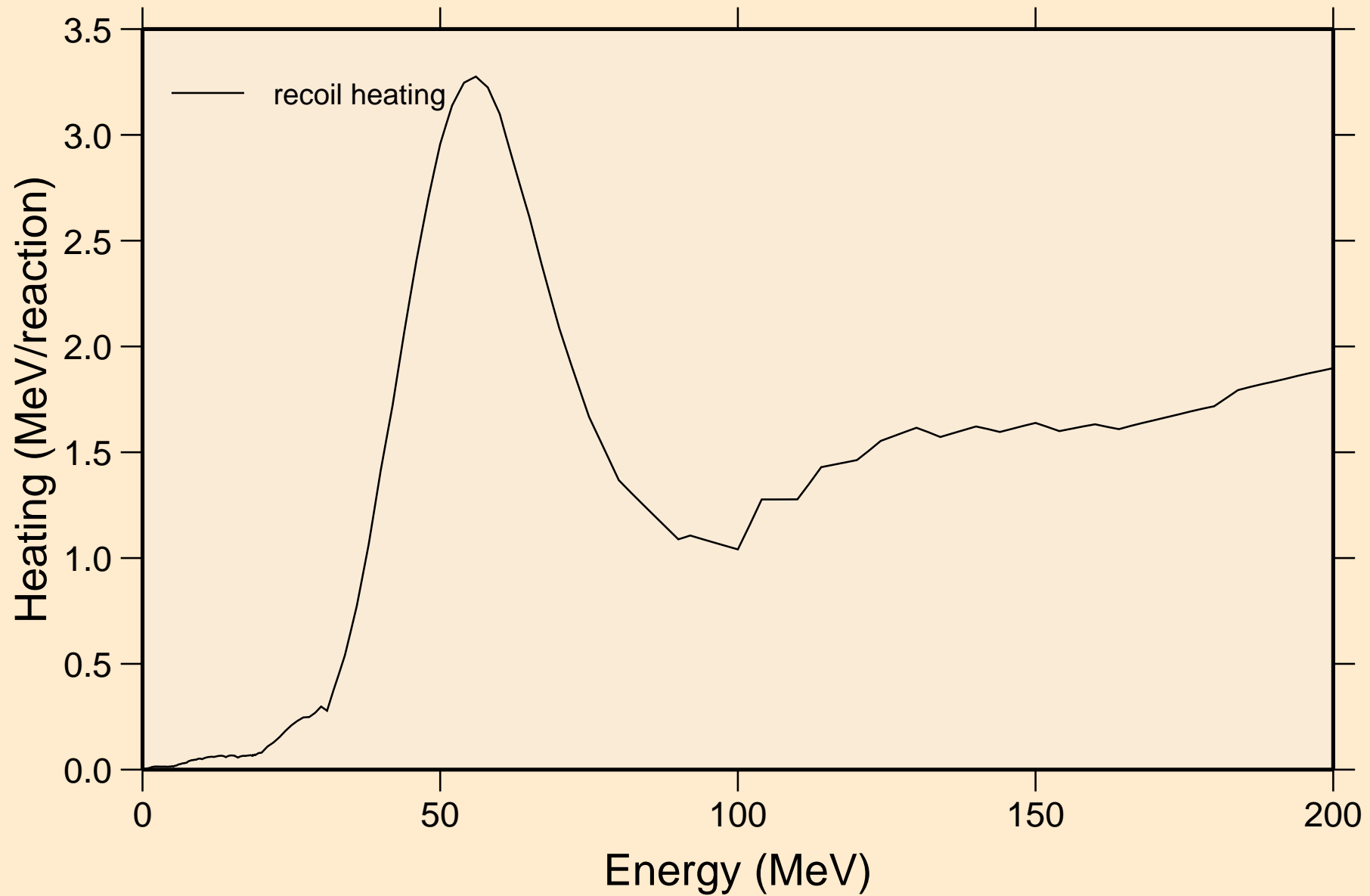
PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum



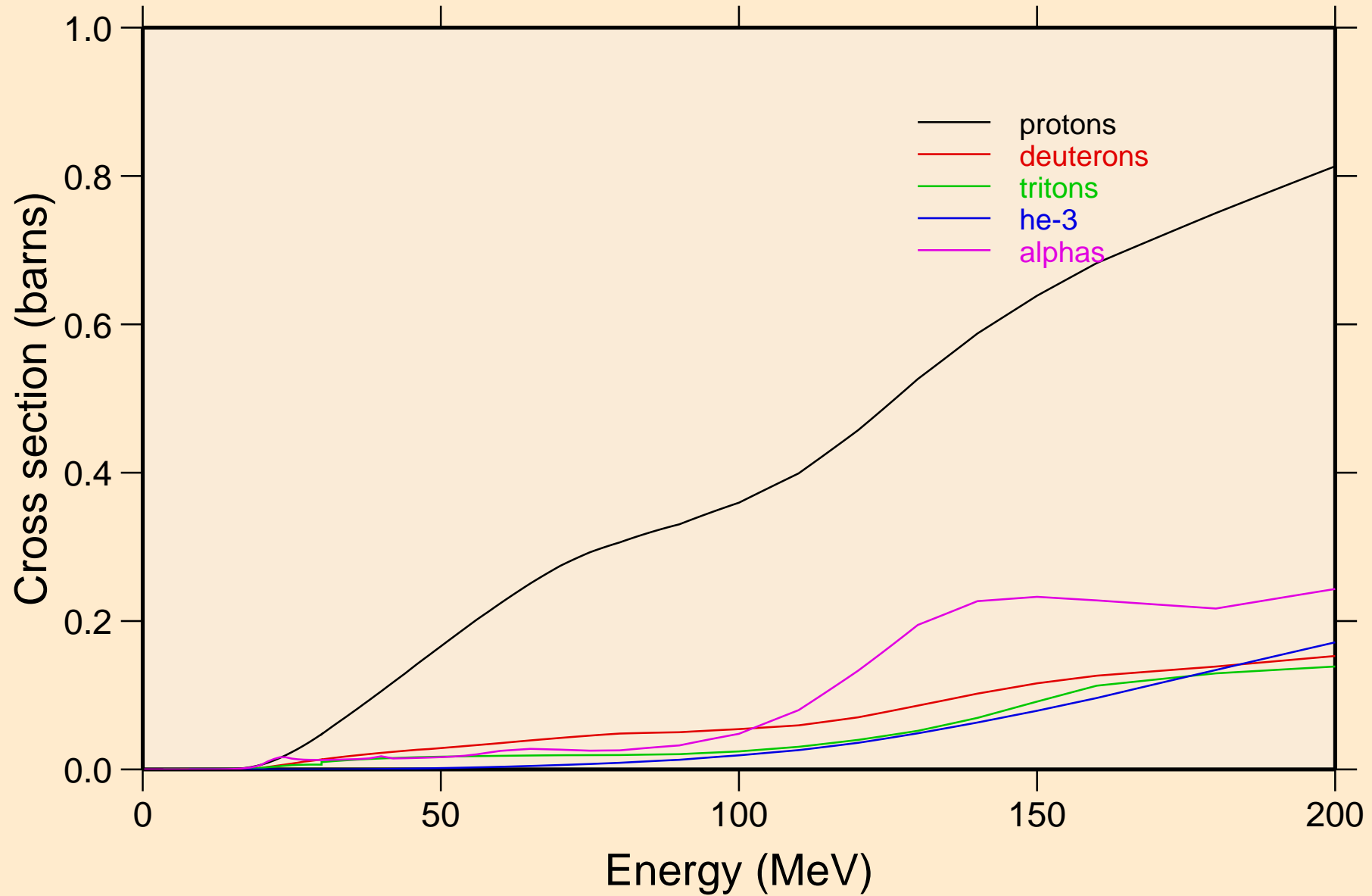
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Particle heating contributions



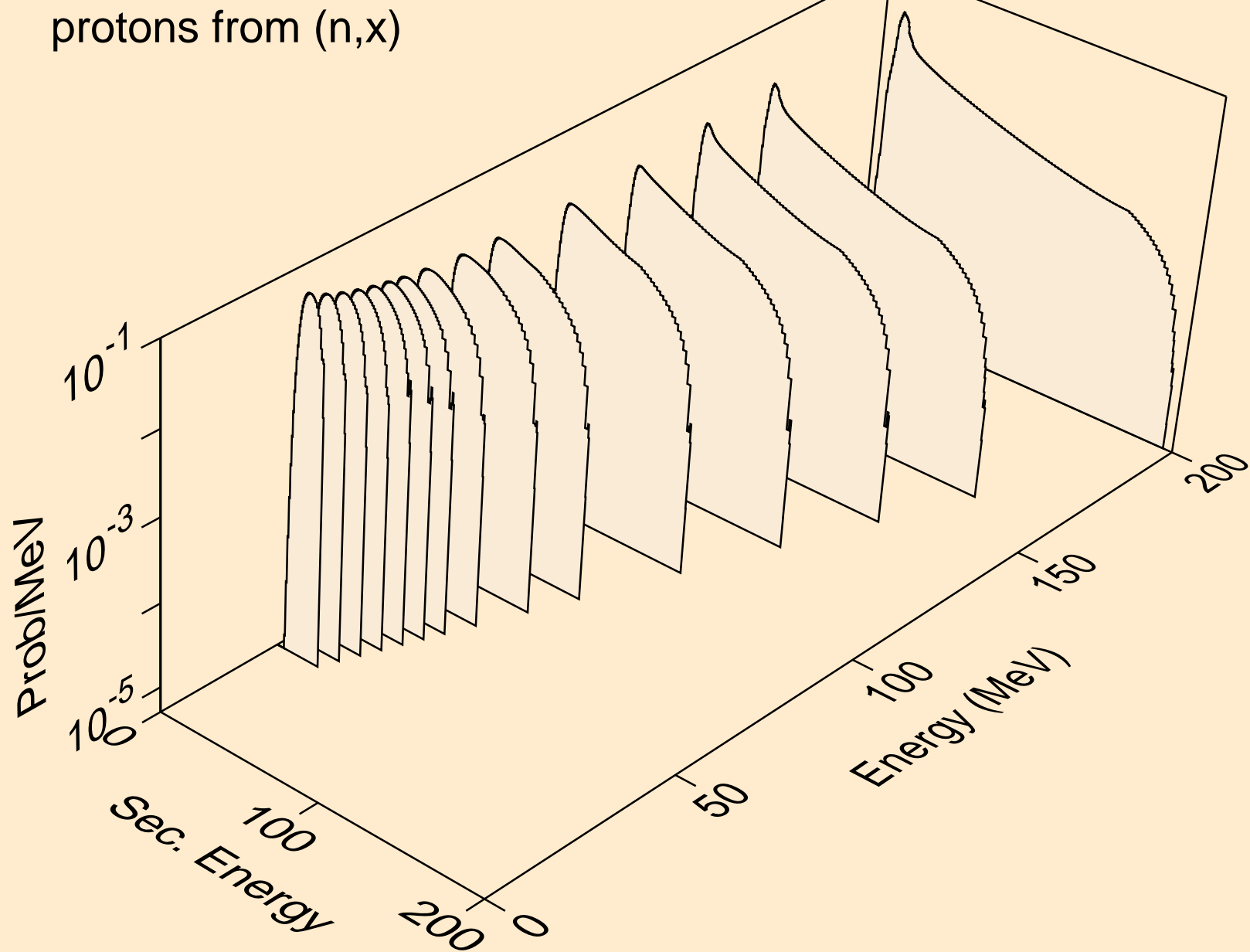
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Recoil Heating



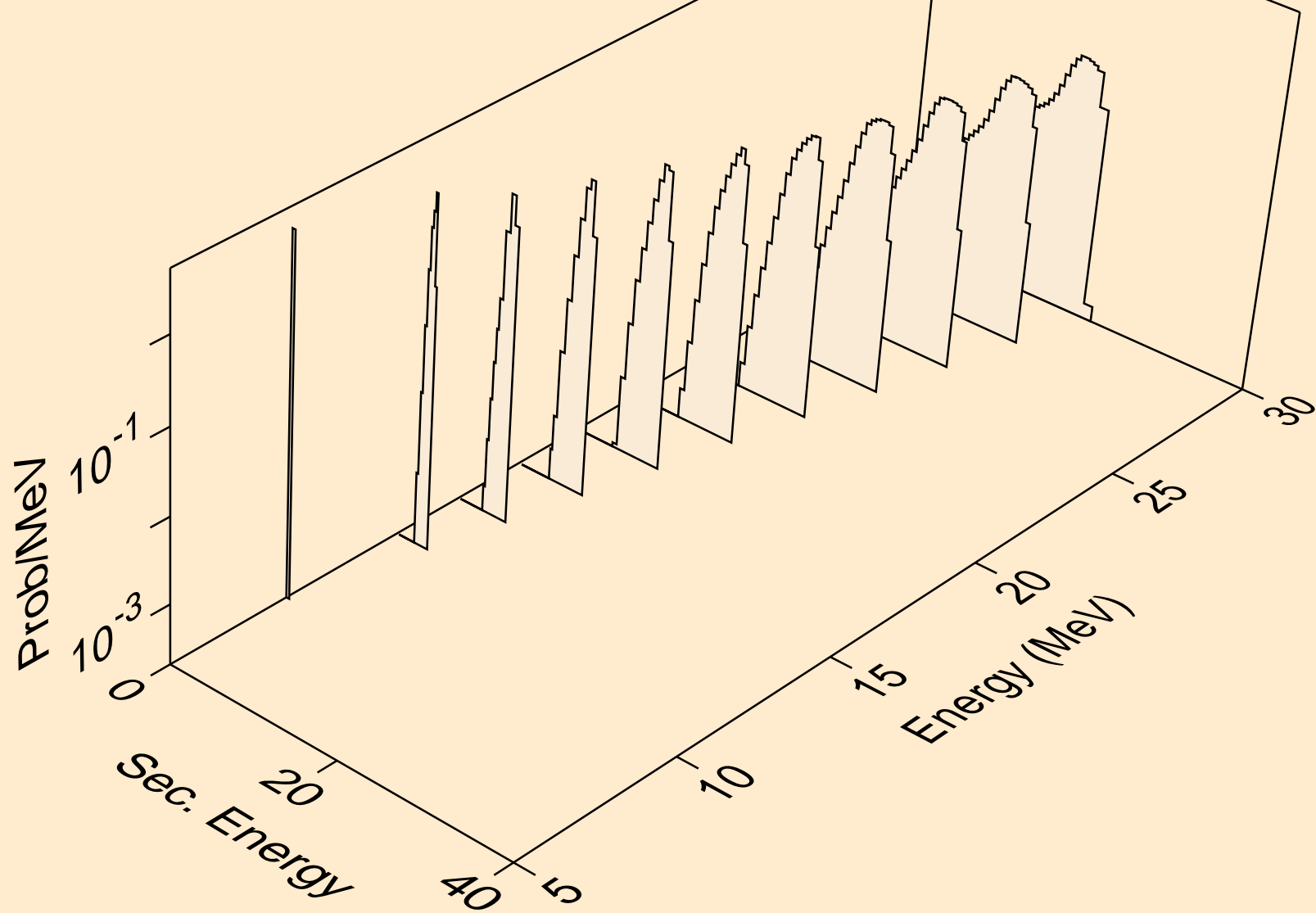
PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



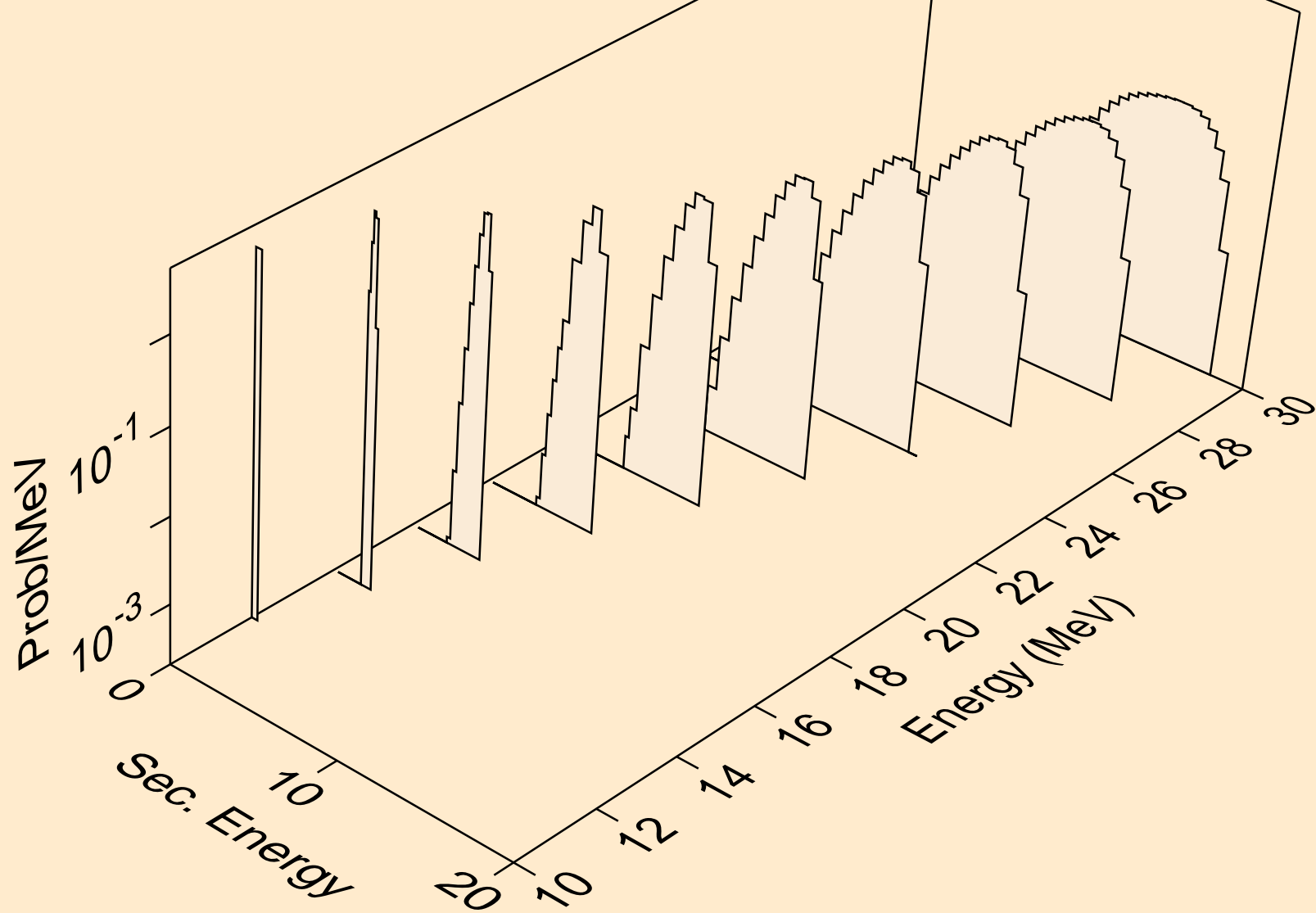
PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p

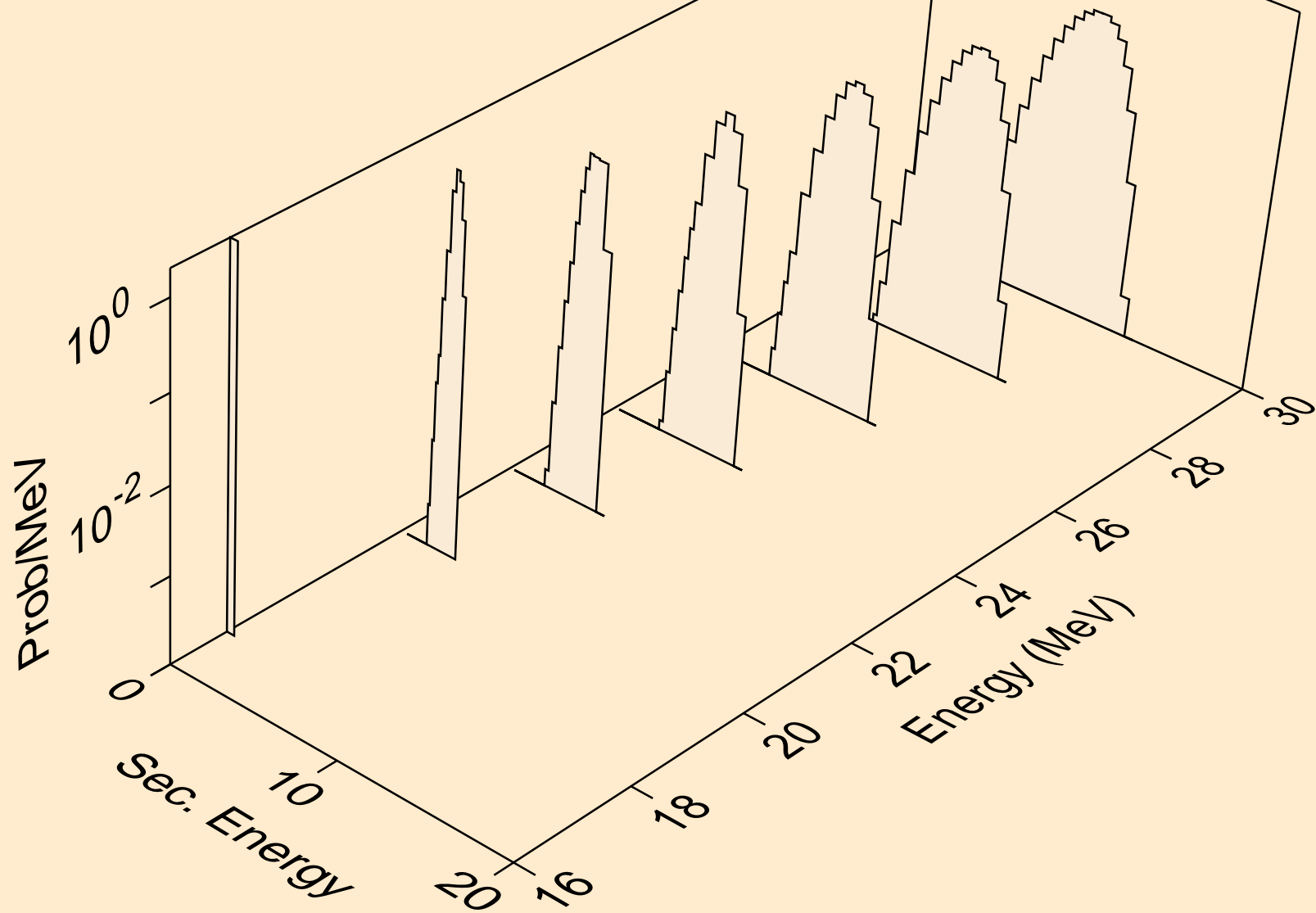


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protons from (n,2np)

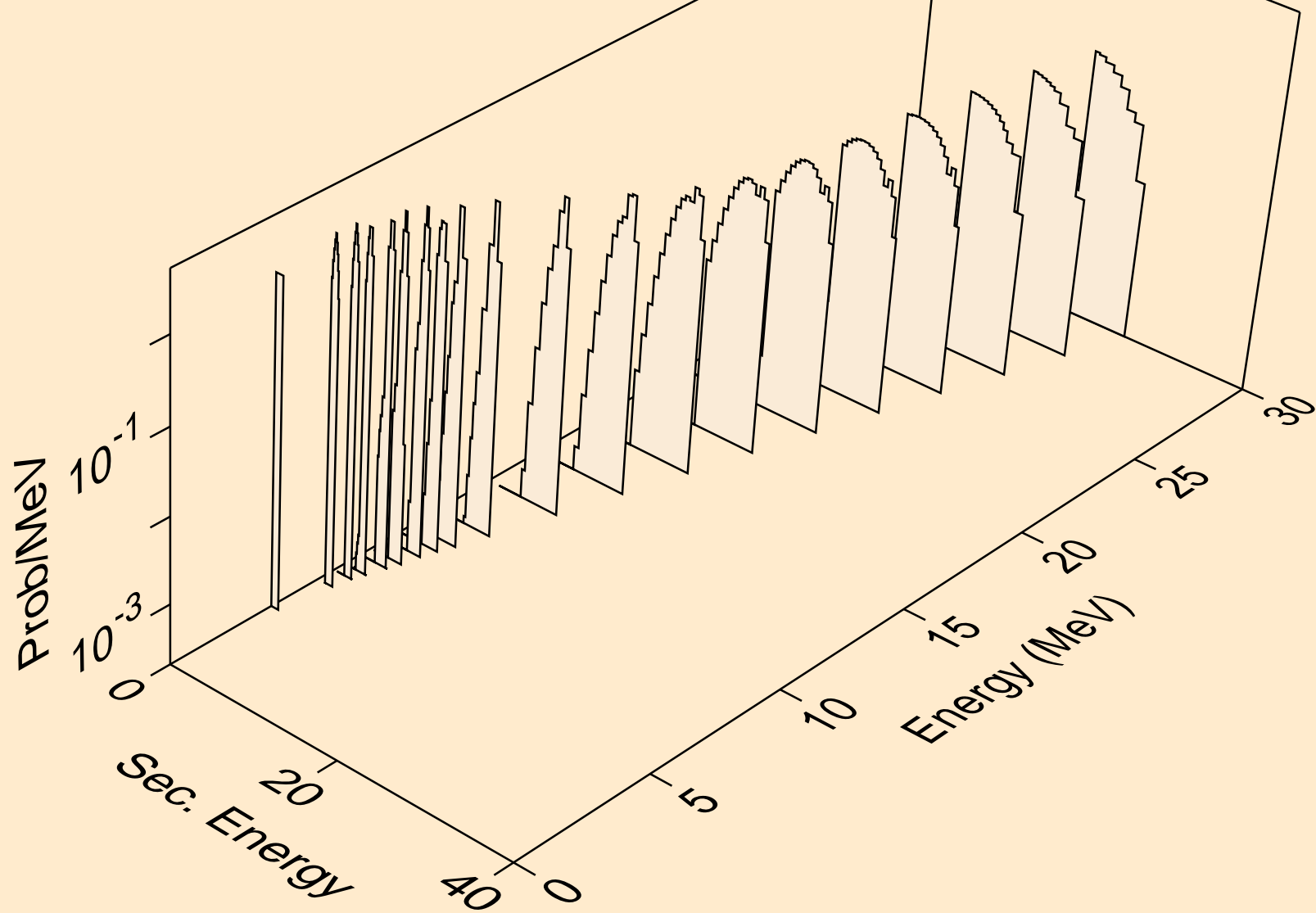




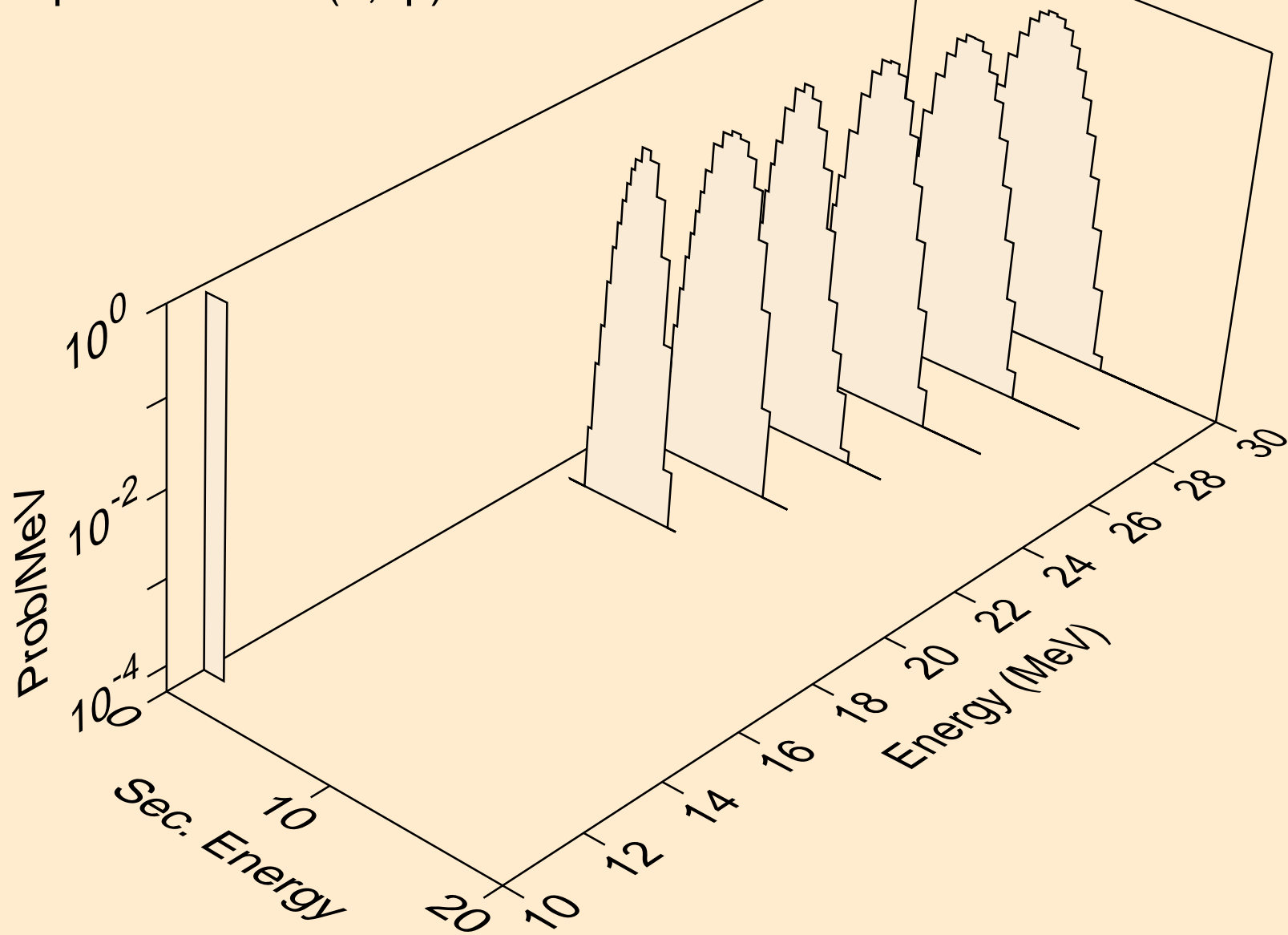
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protons from (n,3np)



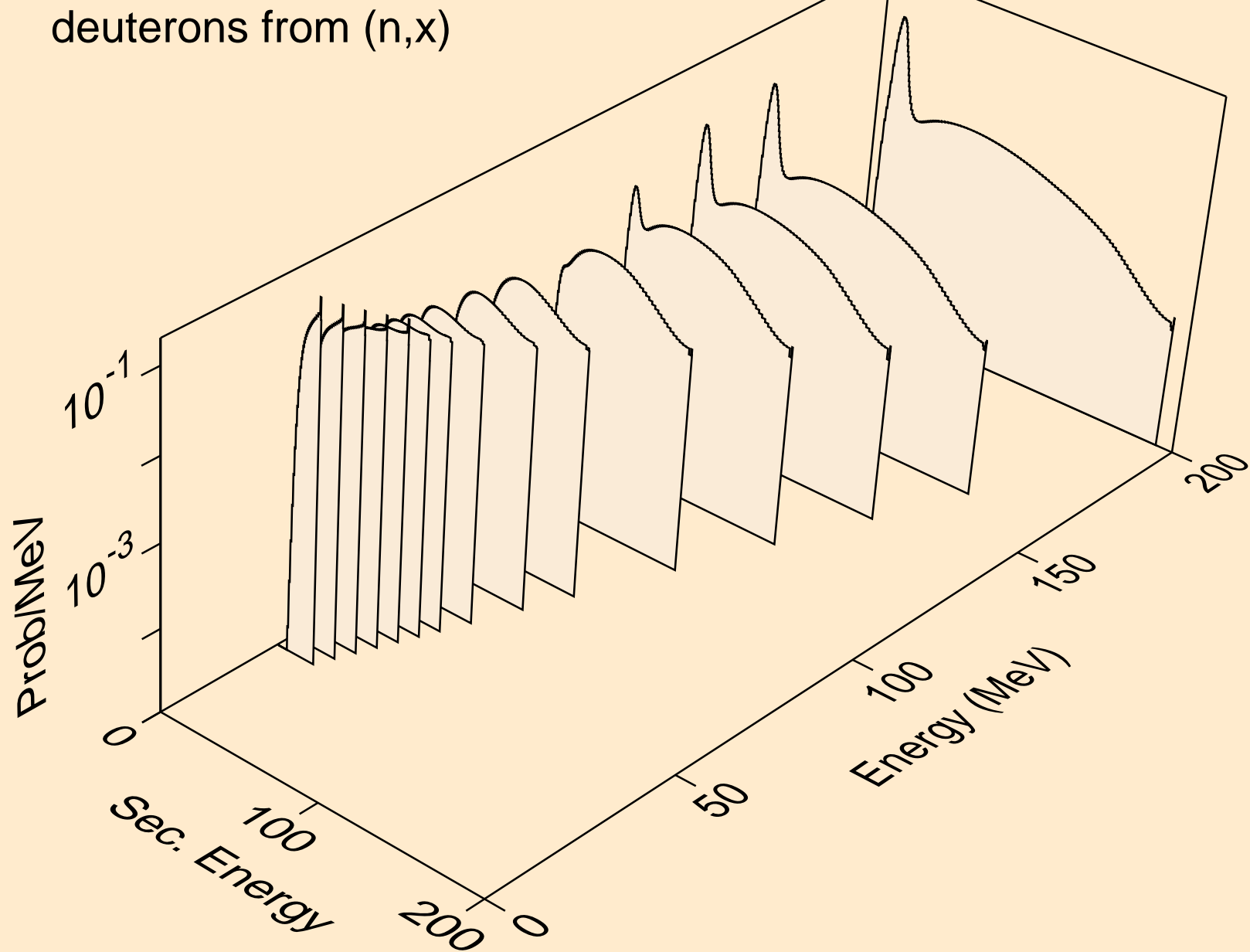
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protons from (n,p)



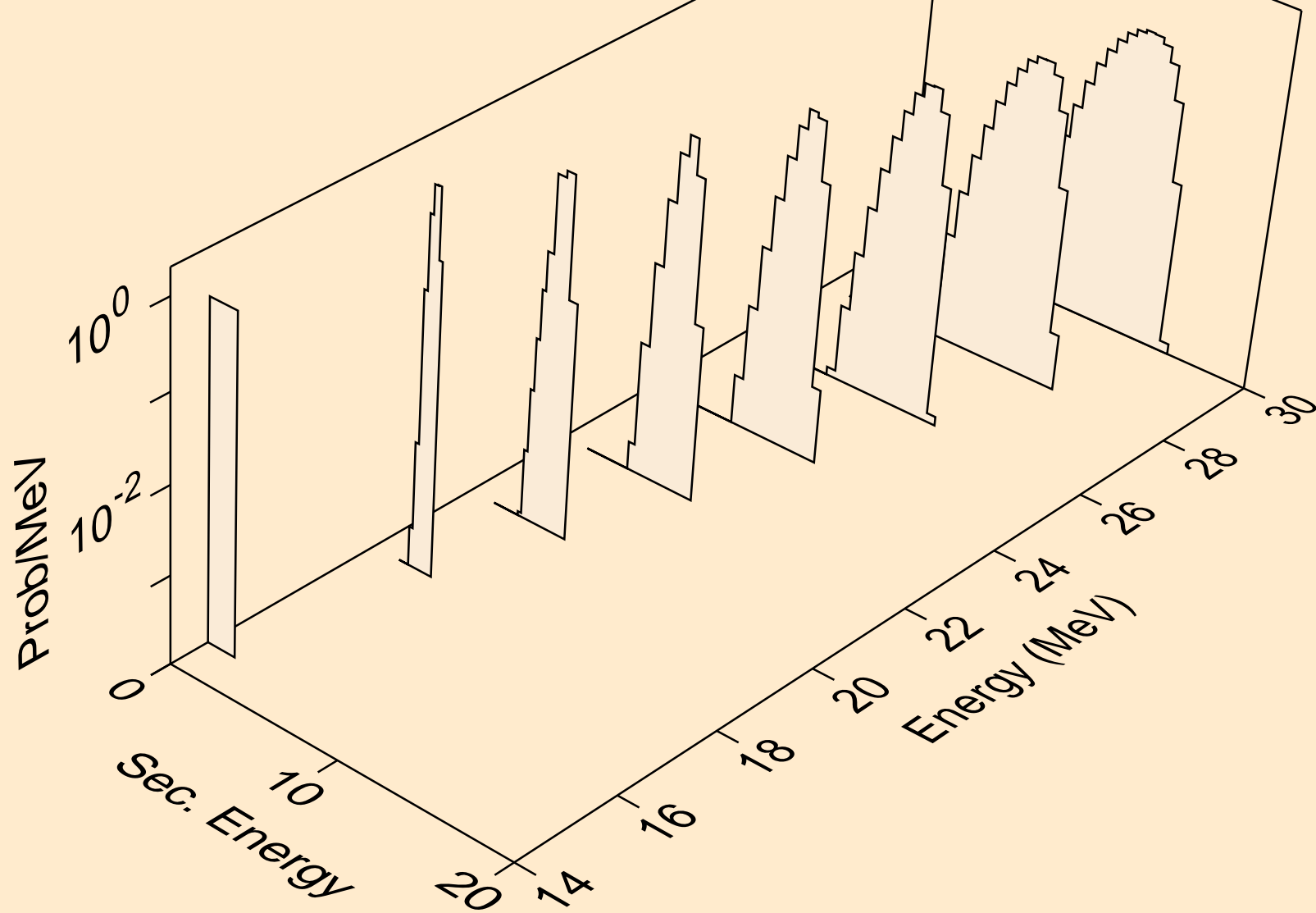
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protons from (n,2p)



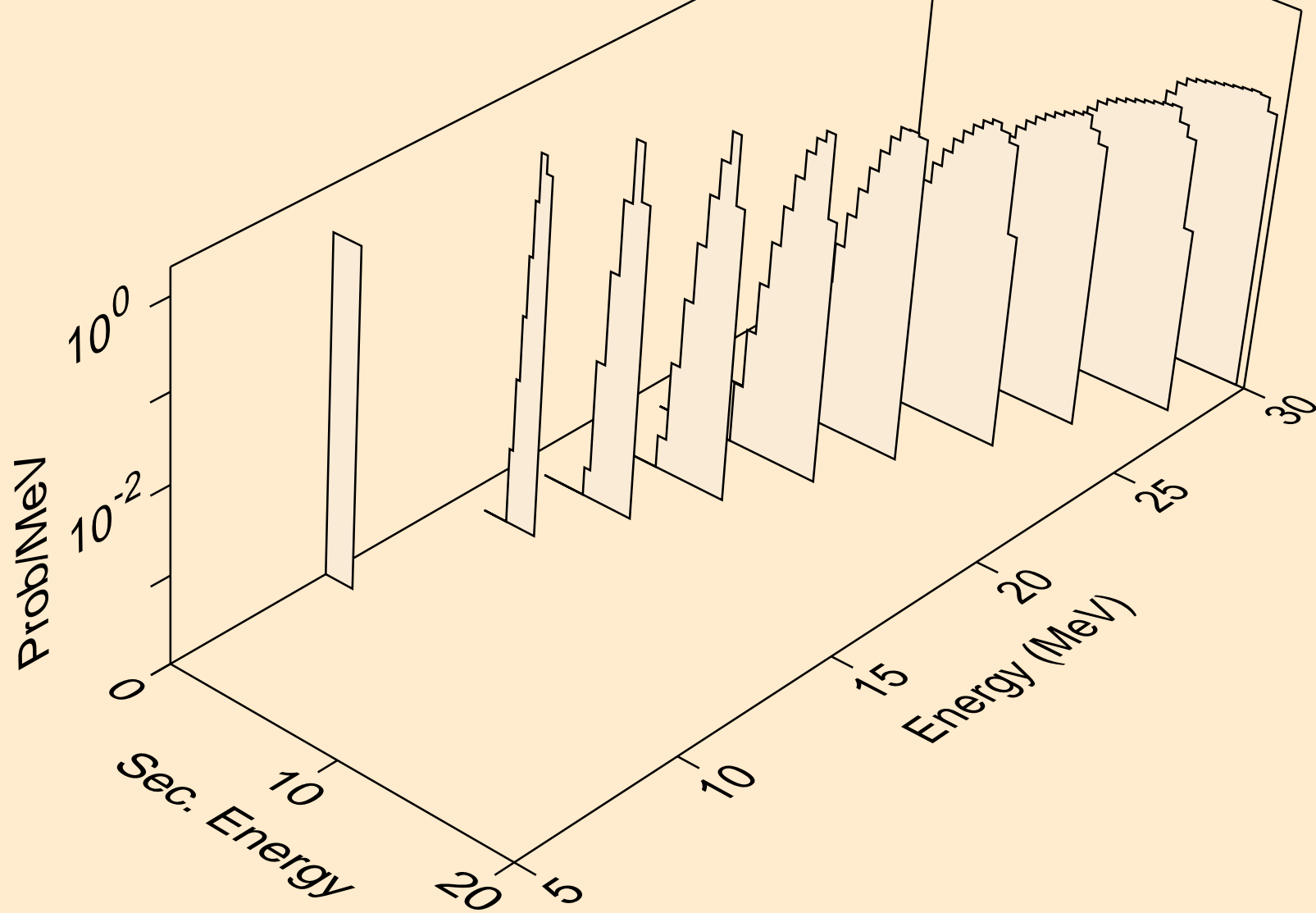
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deuterons from (n,x)



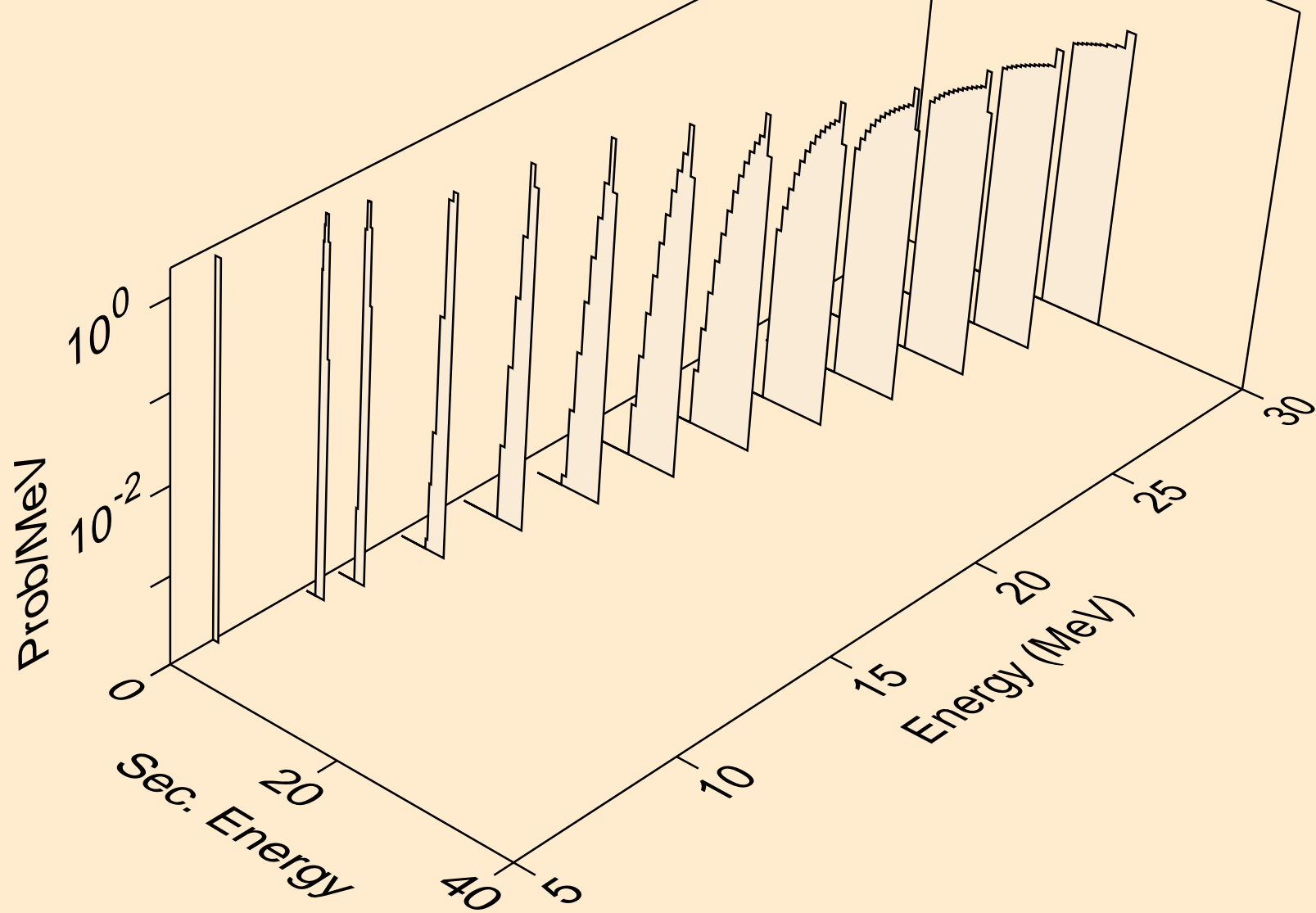
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deuterons from (n,2nd)



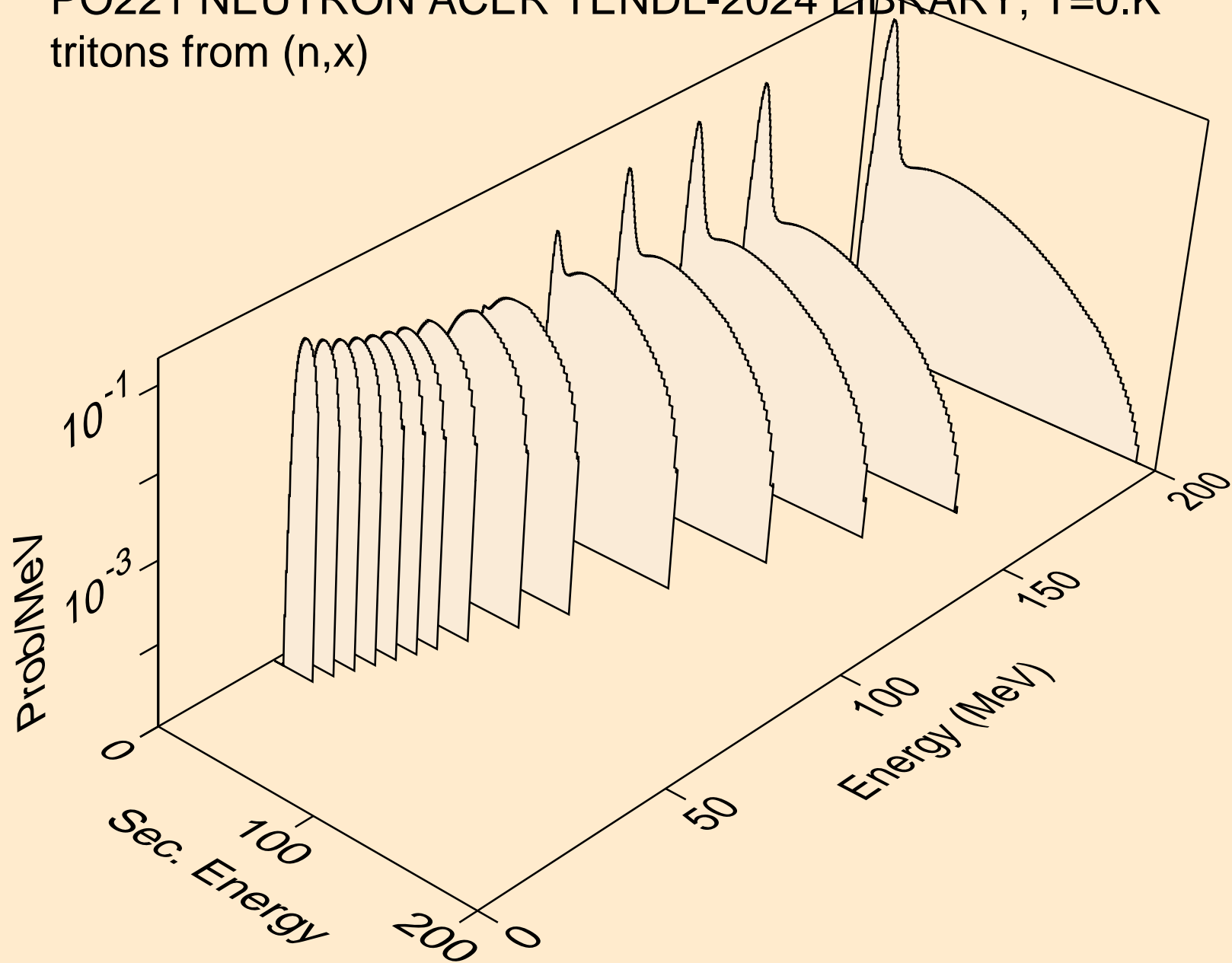
PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d



PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,d)

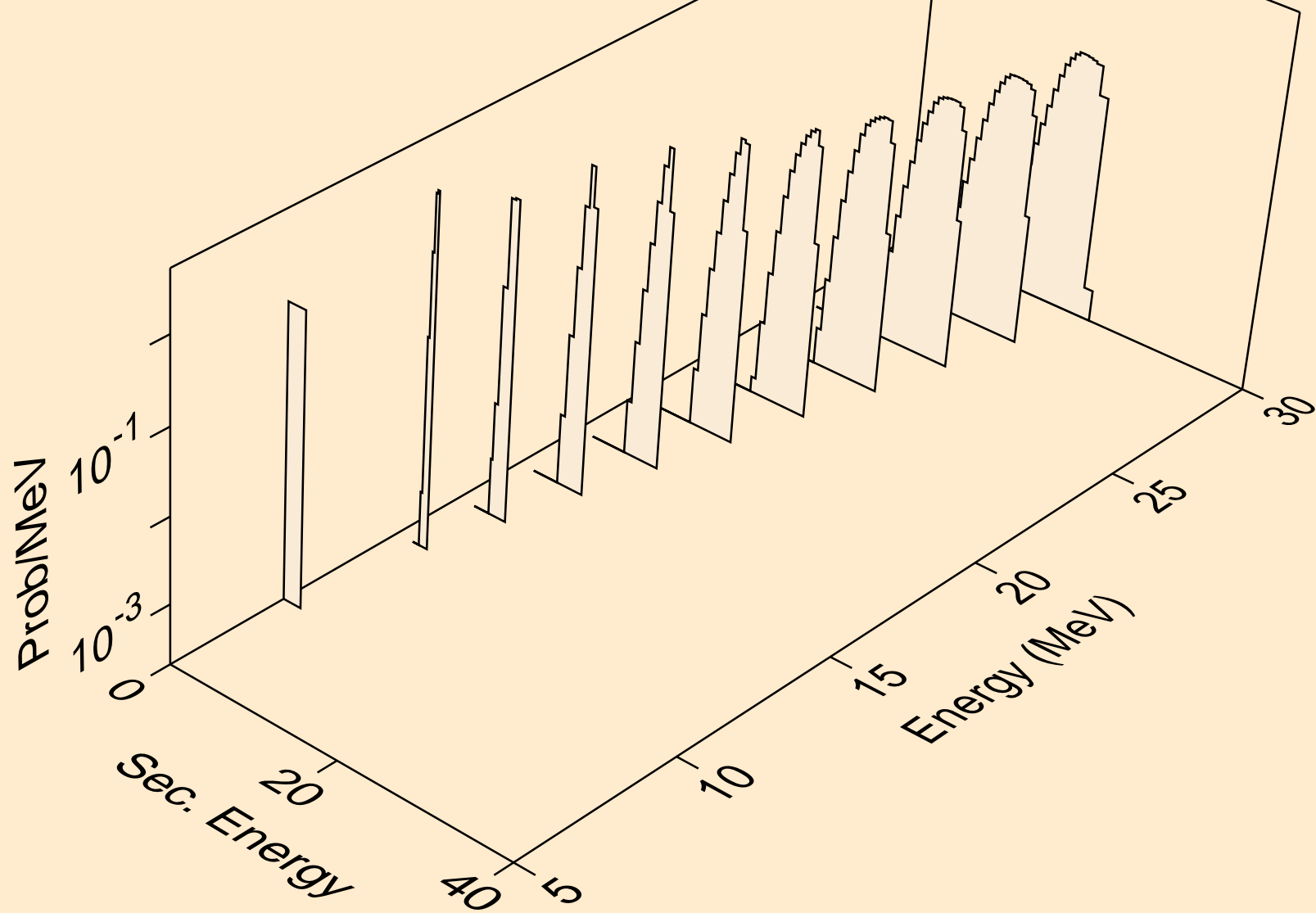


PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)

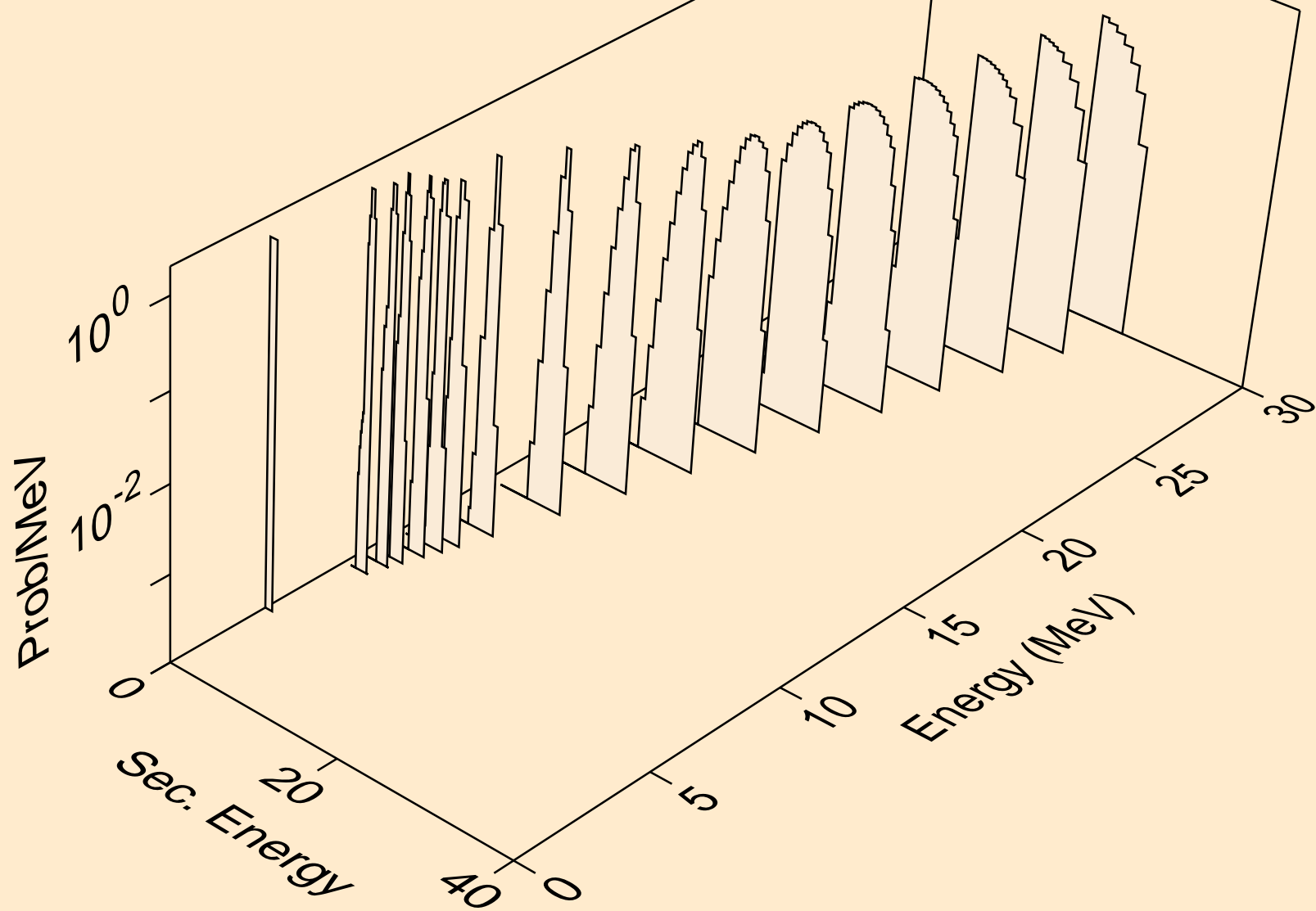




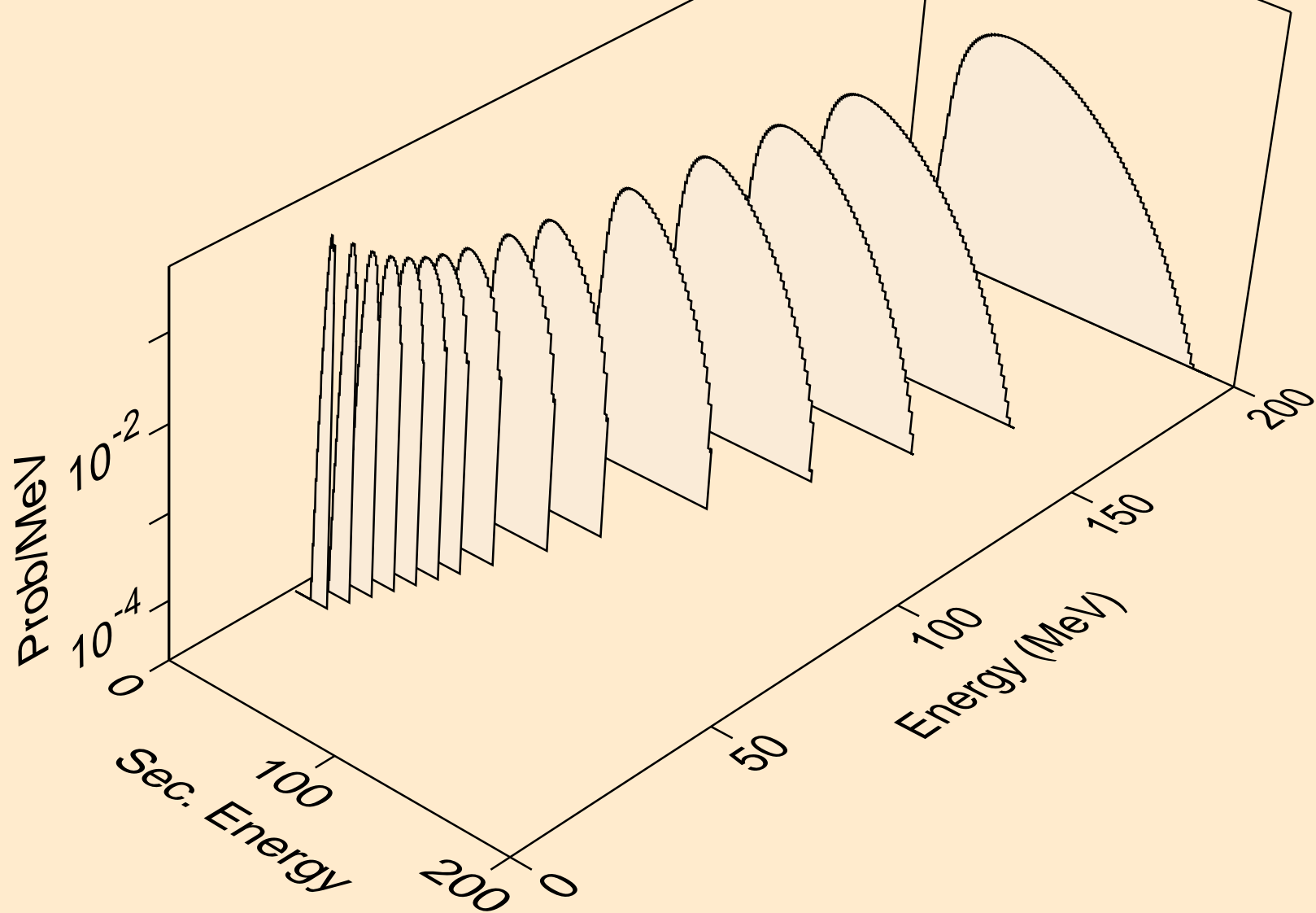
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tritons from (n,n\*)t



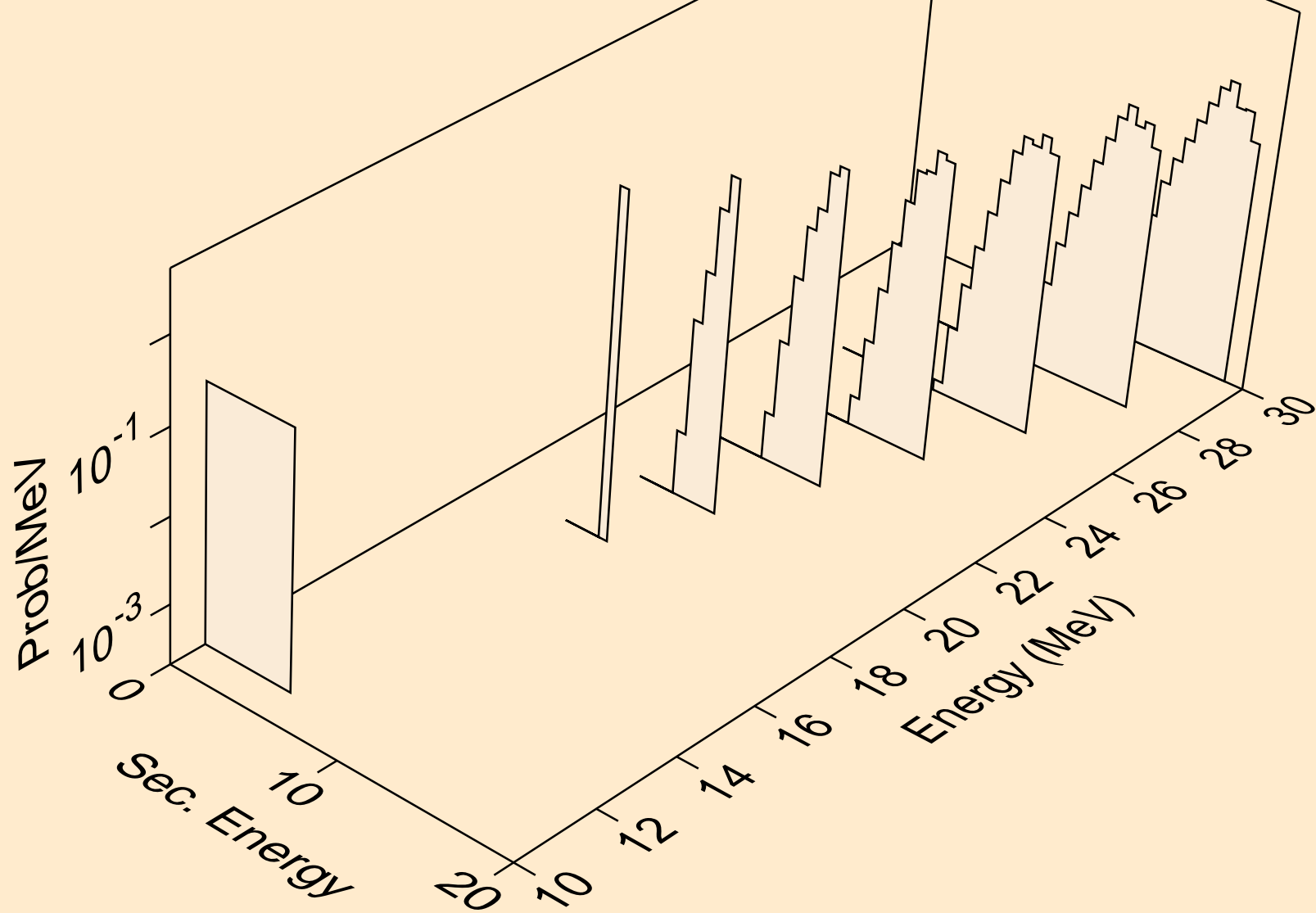
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tritons from (n,t)



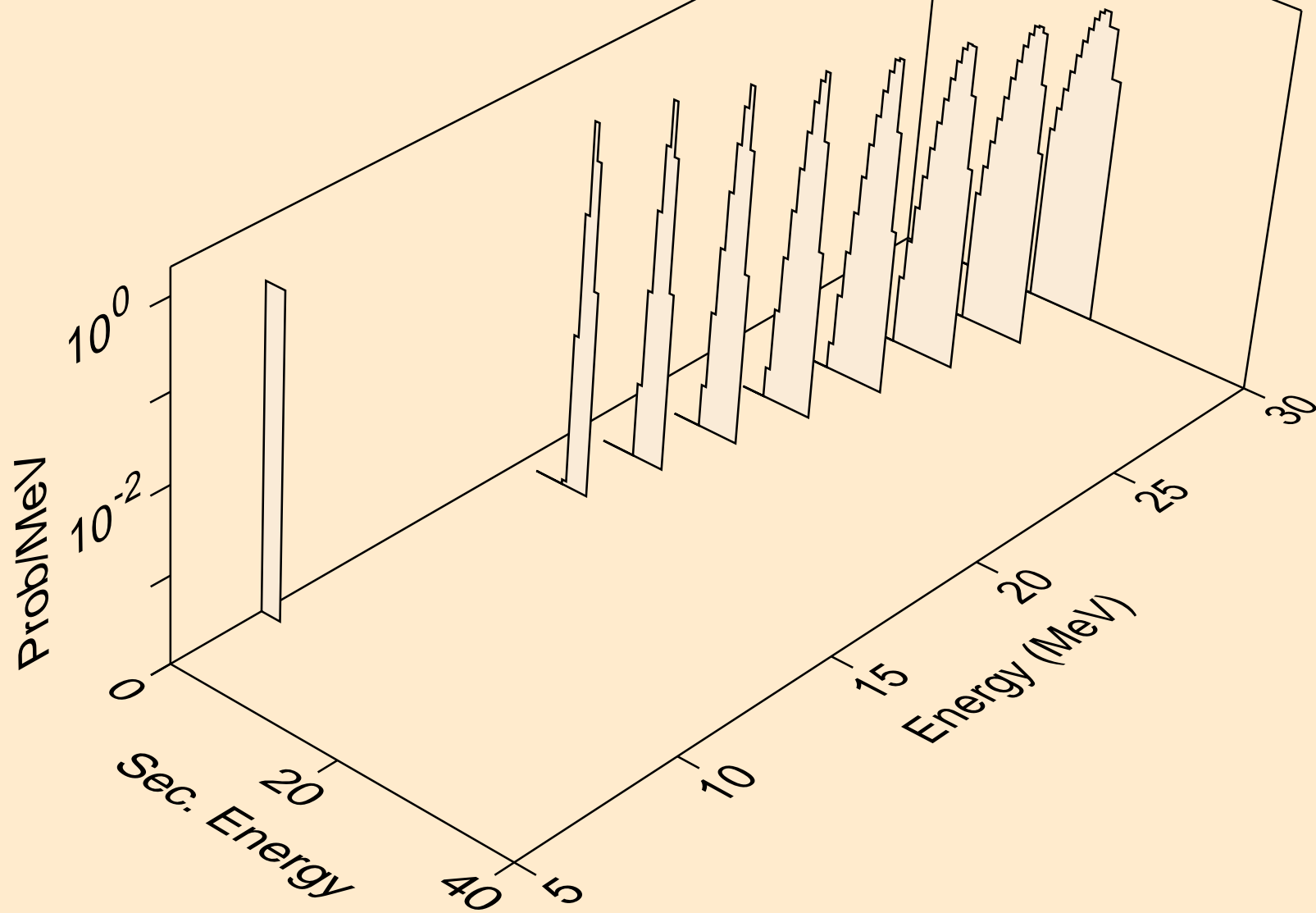
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he3s from (n,x)



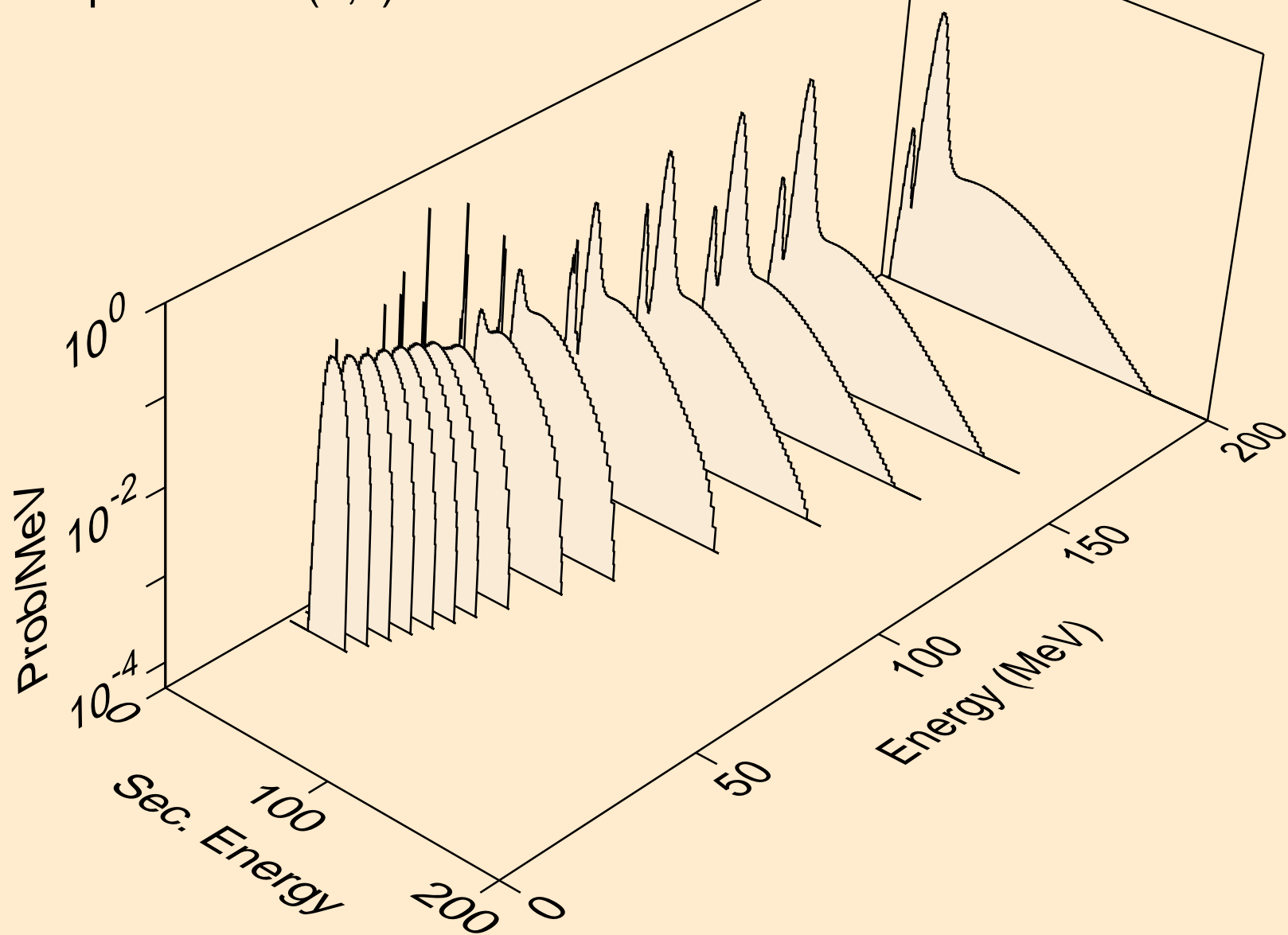
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he3s from (n,n\*)he3



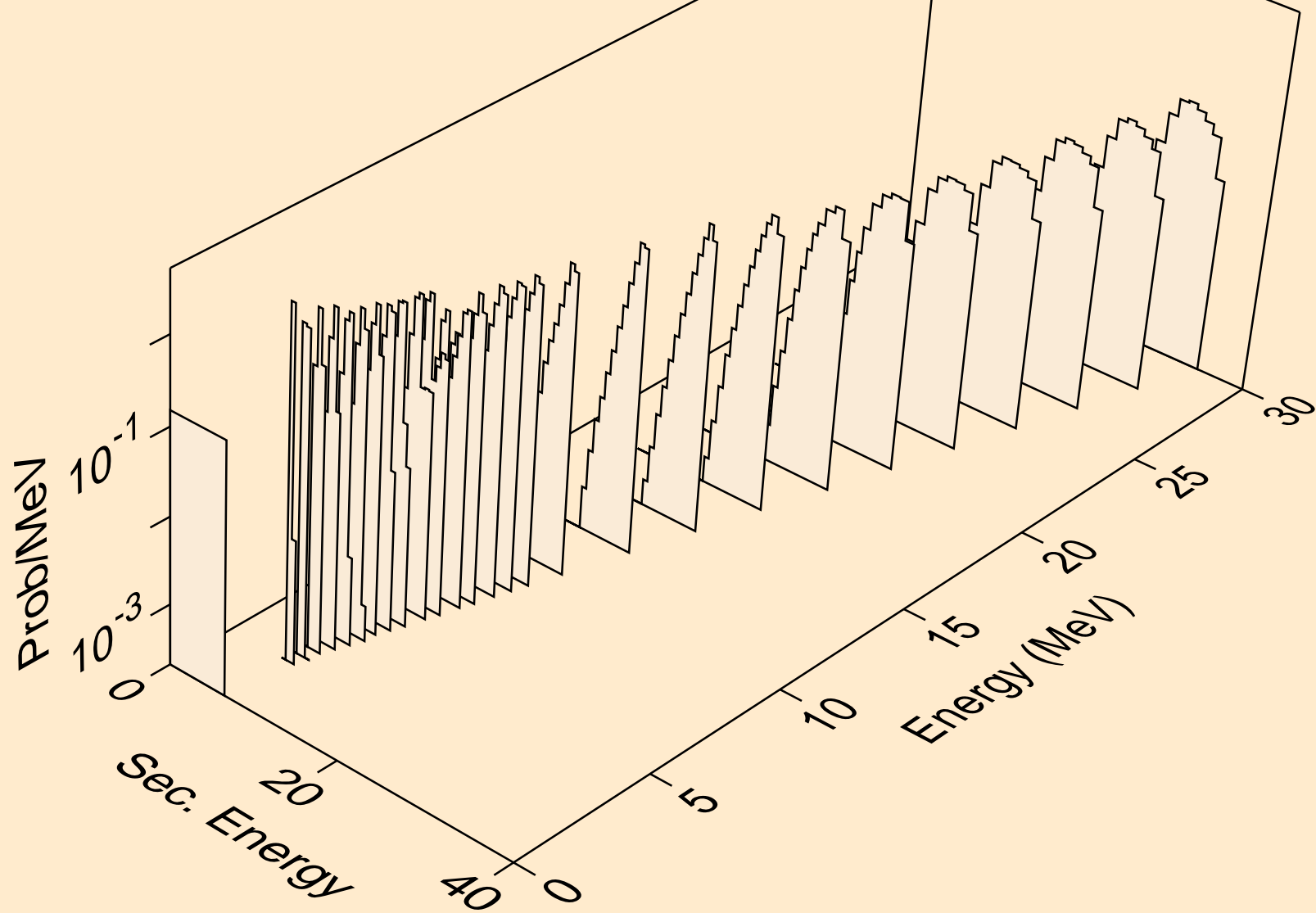
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he3s from (n,he3)



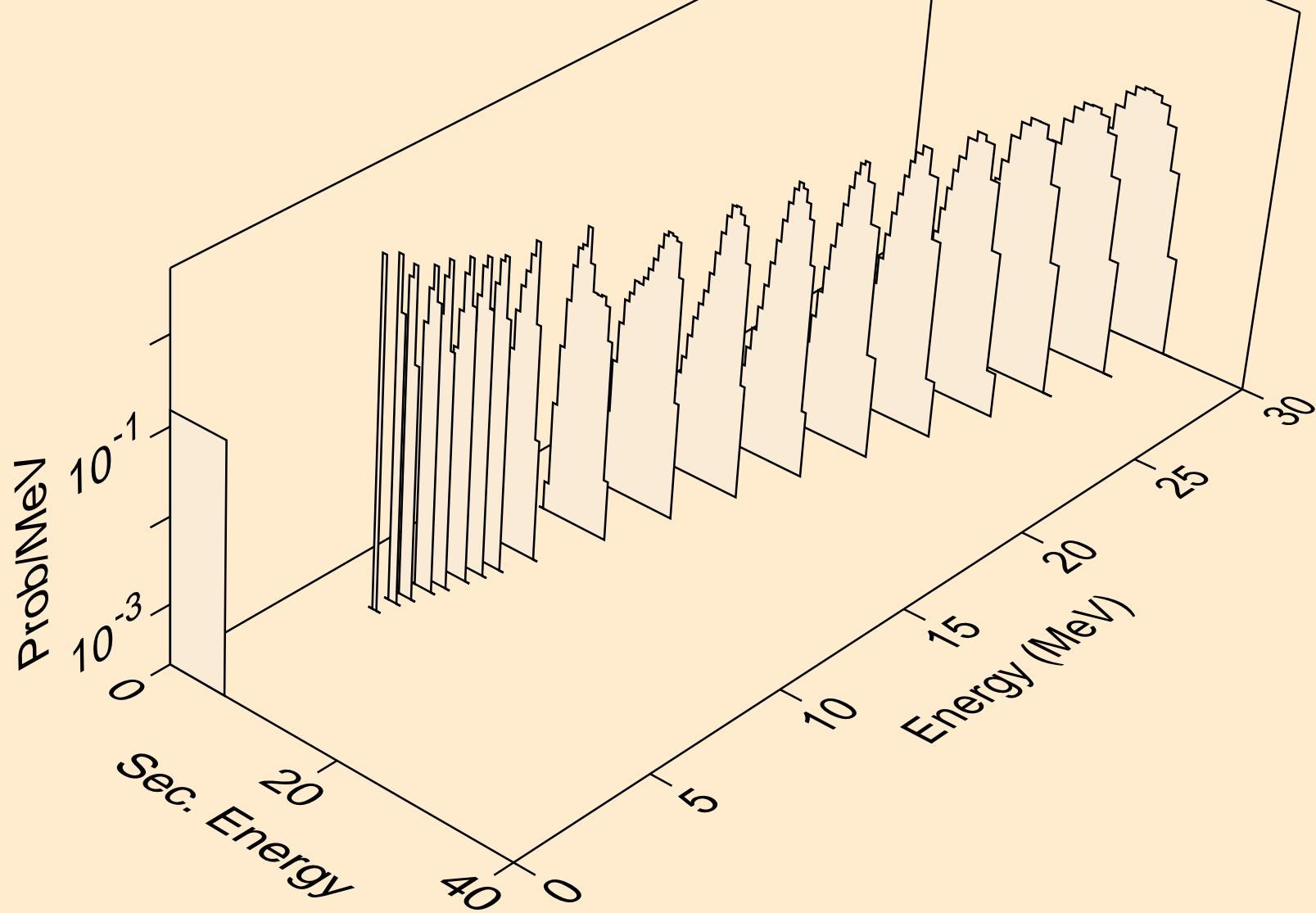
PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a

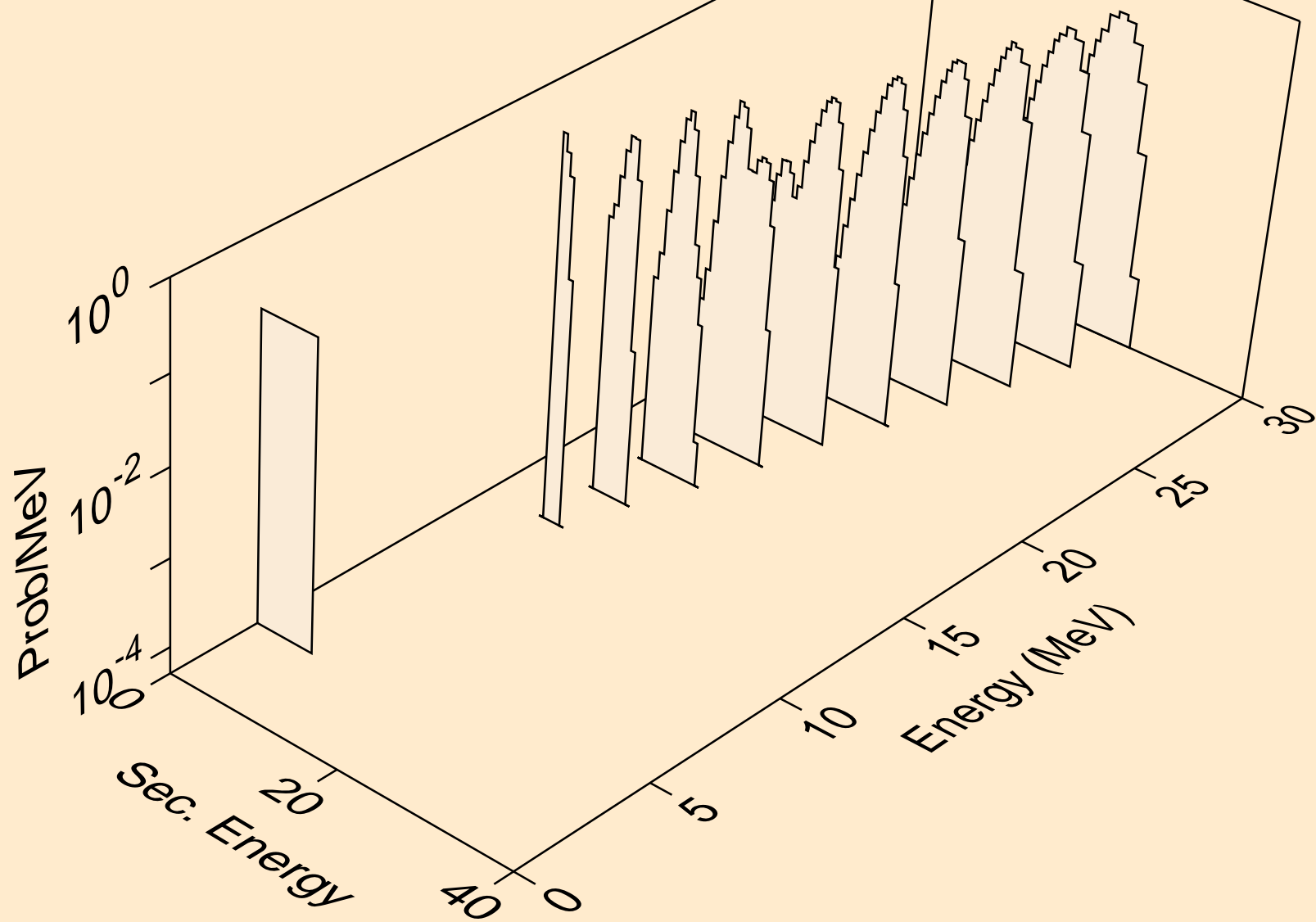


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alphas from (n,2n)a

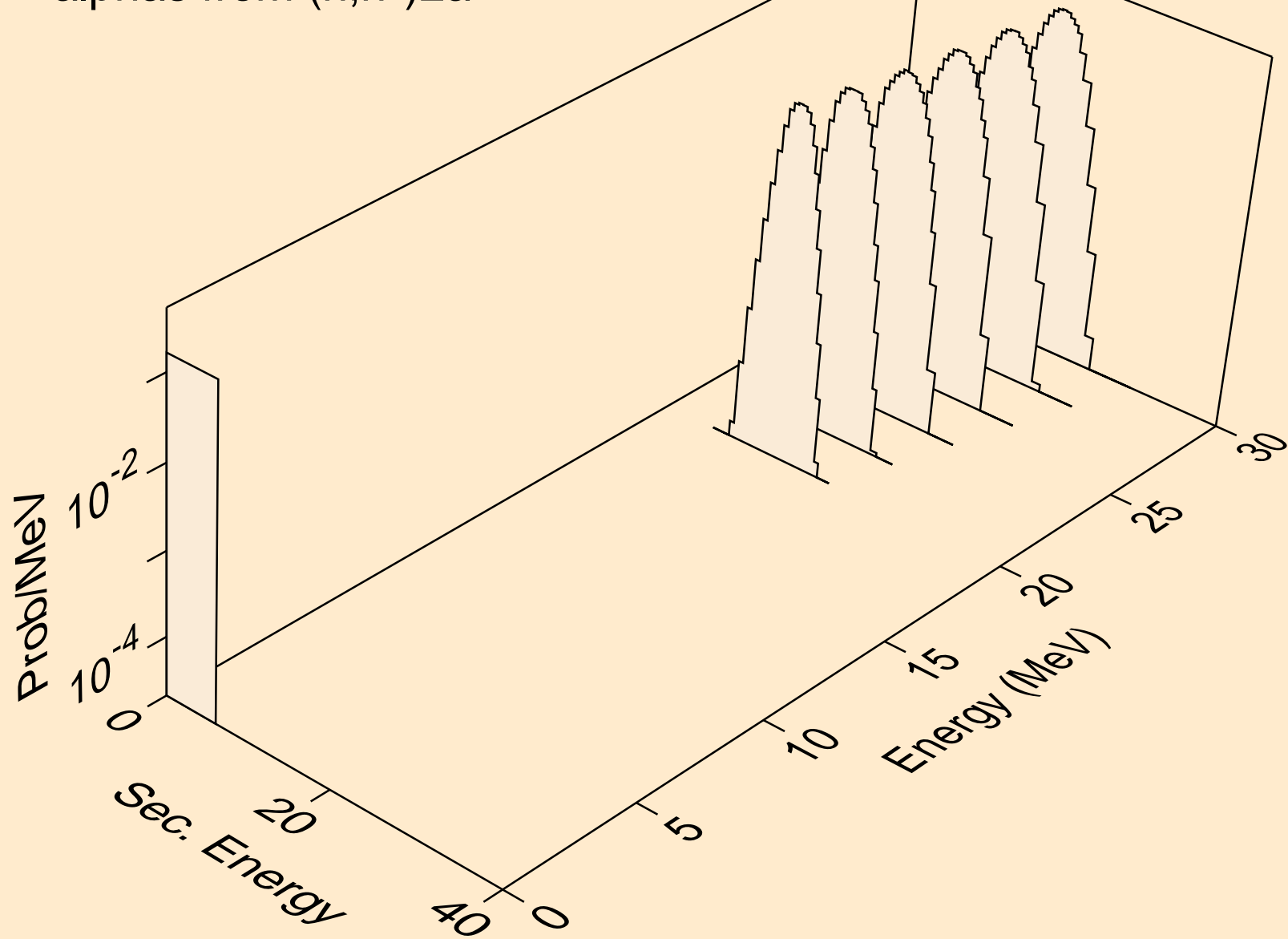




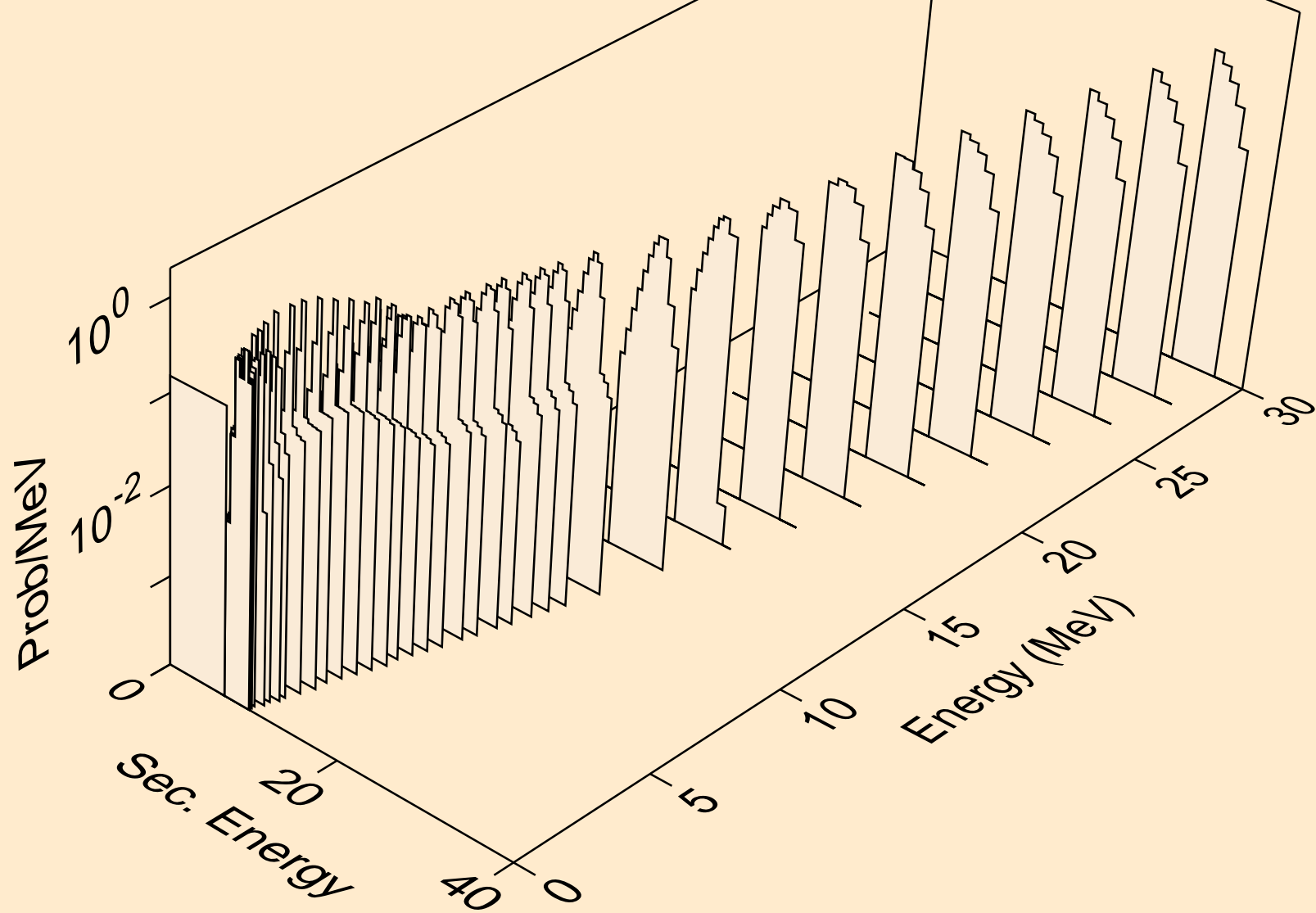
PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)2a



PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



PO221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)

