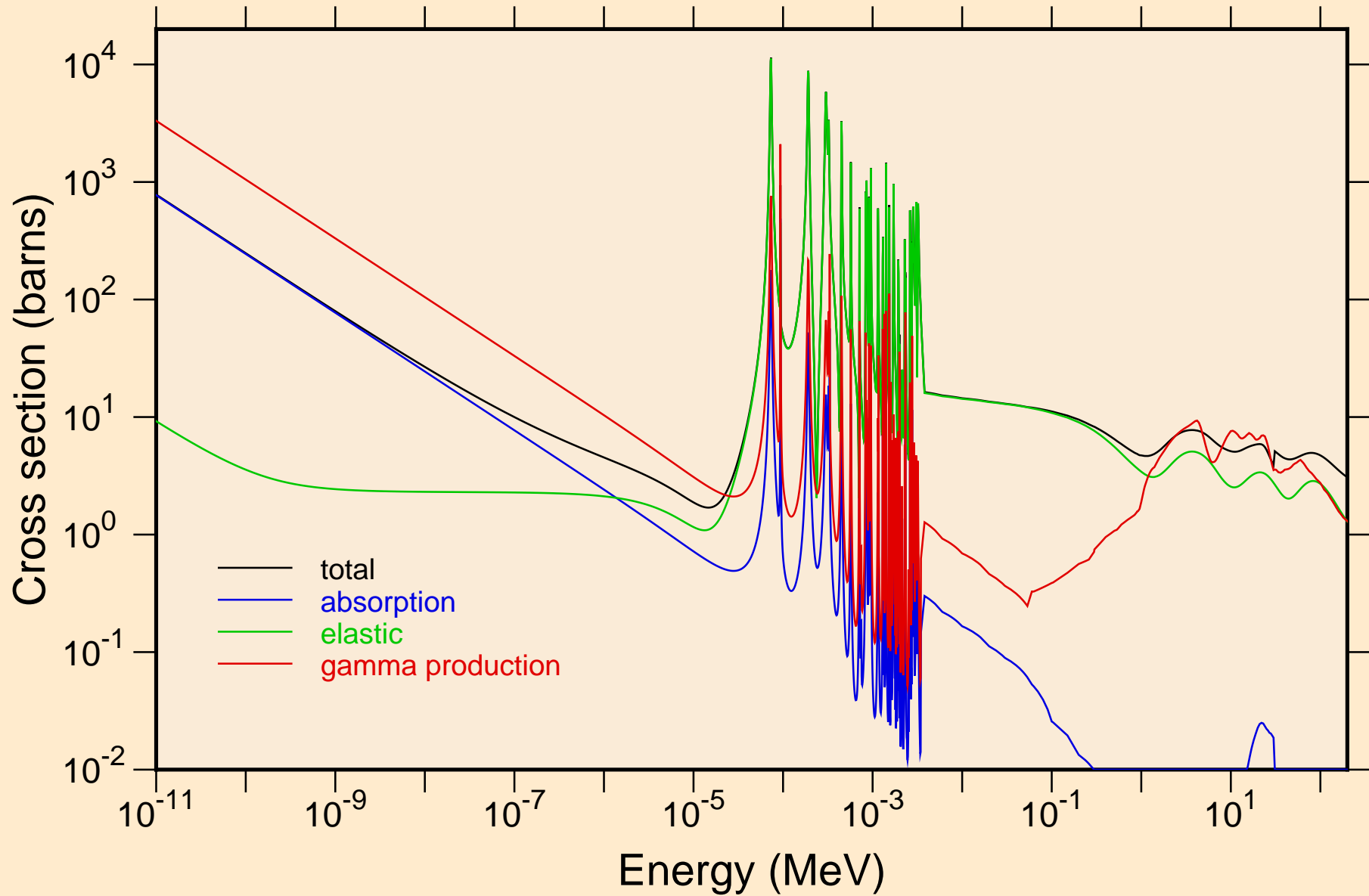
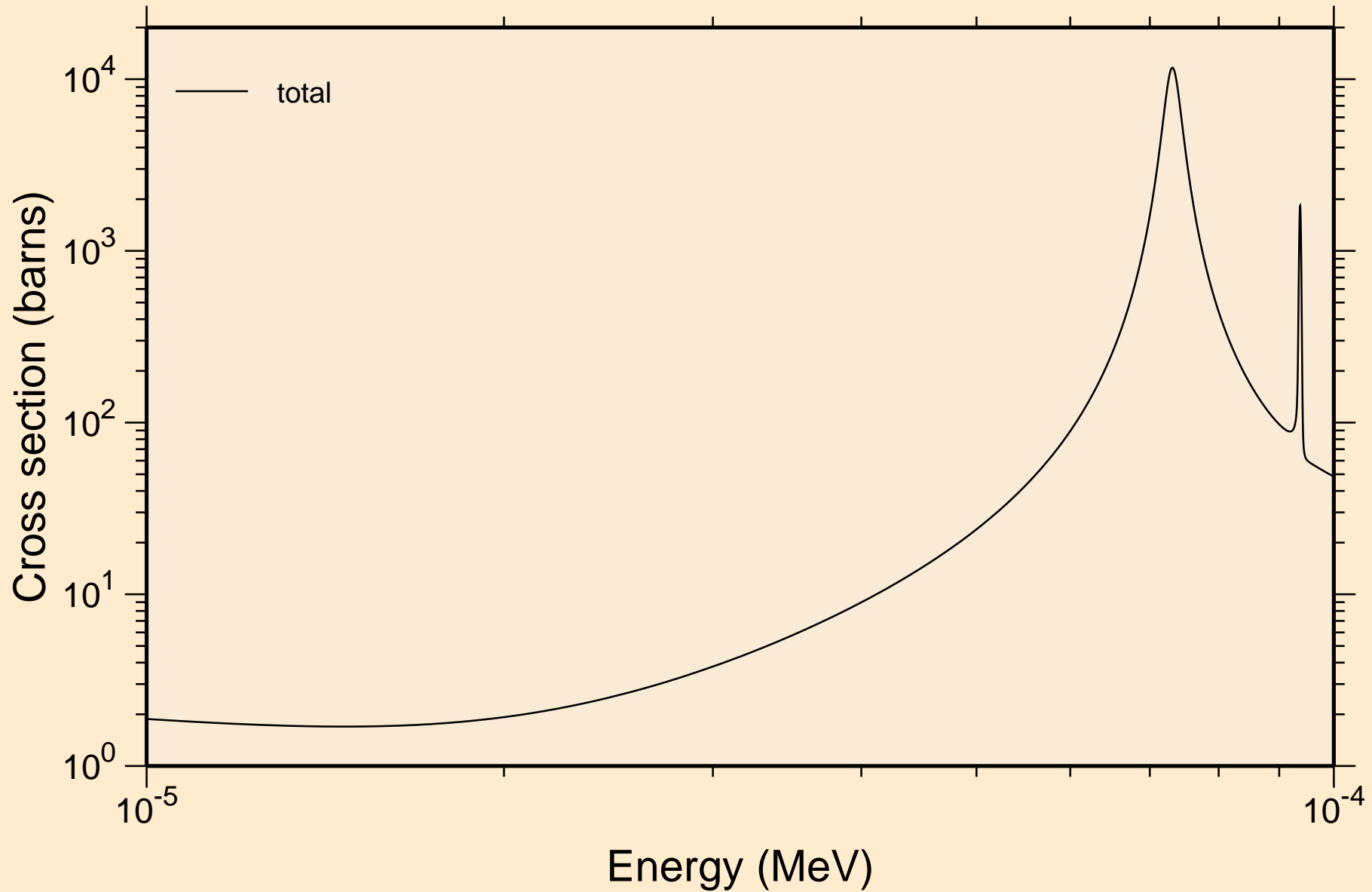


# BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

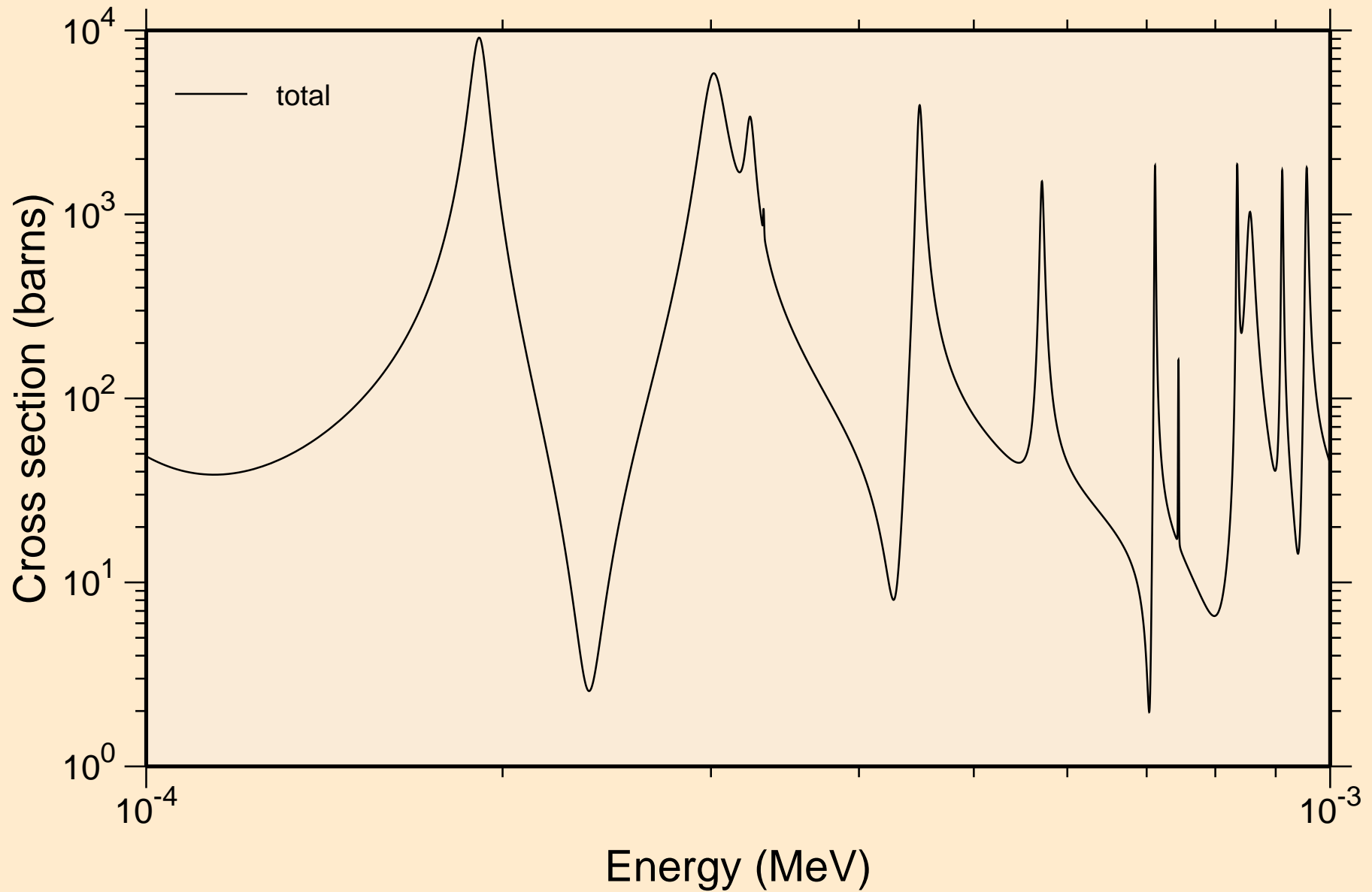
## Principal cross sections



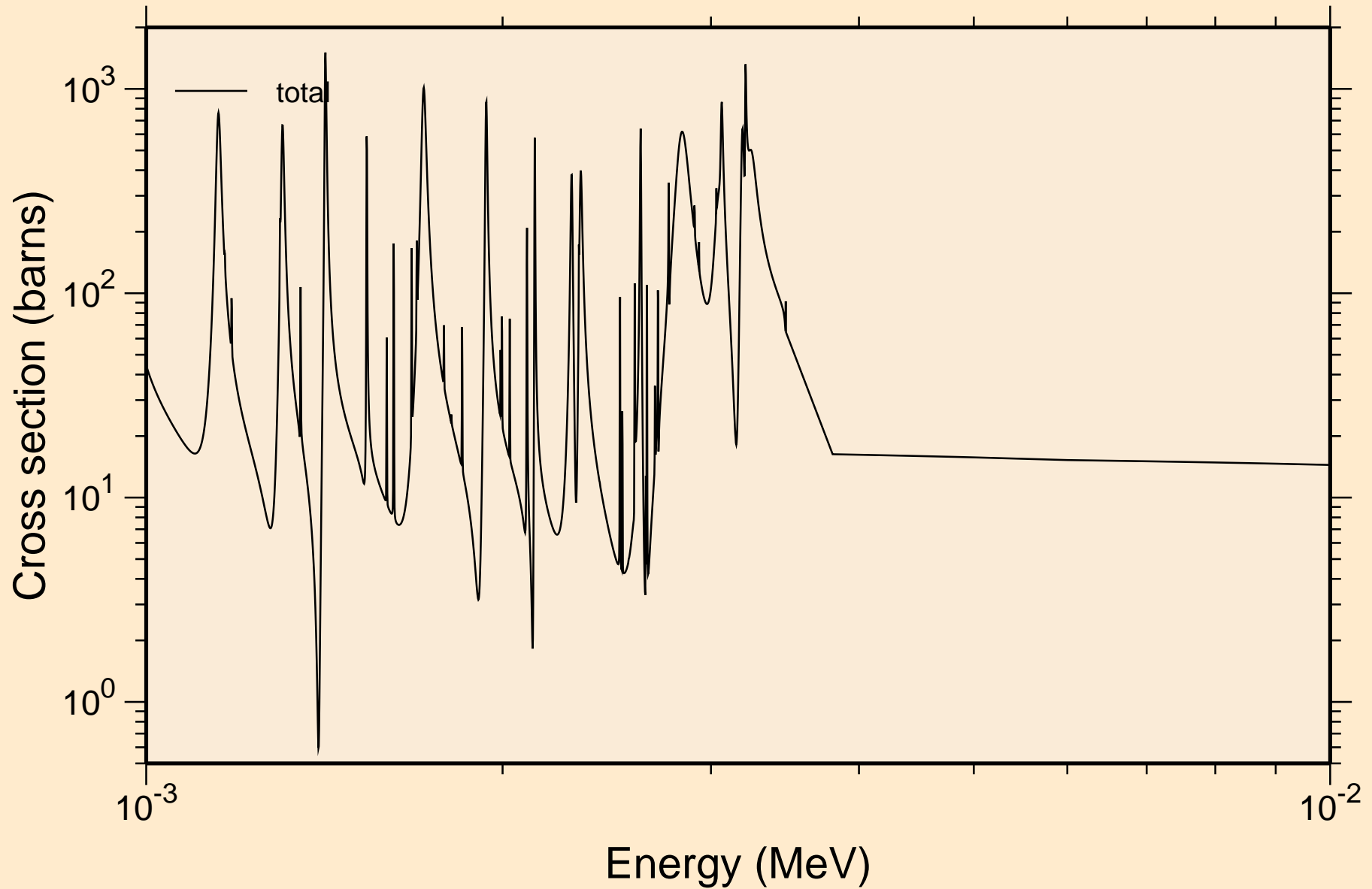
BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



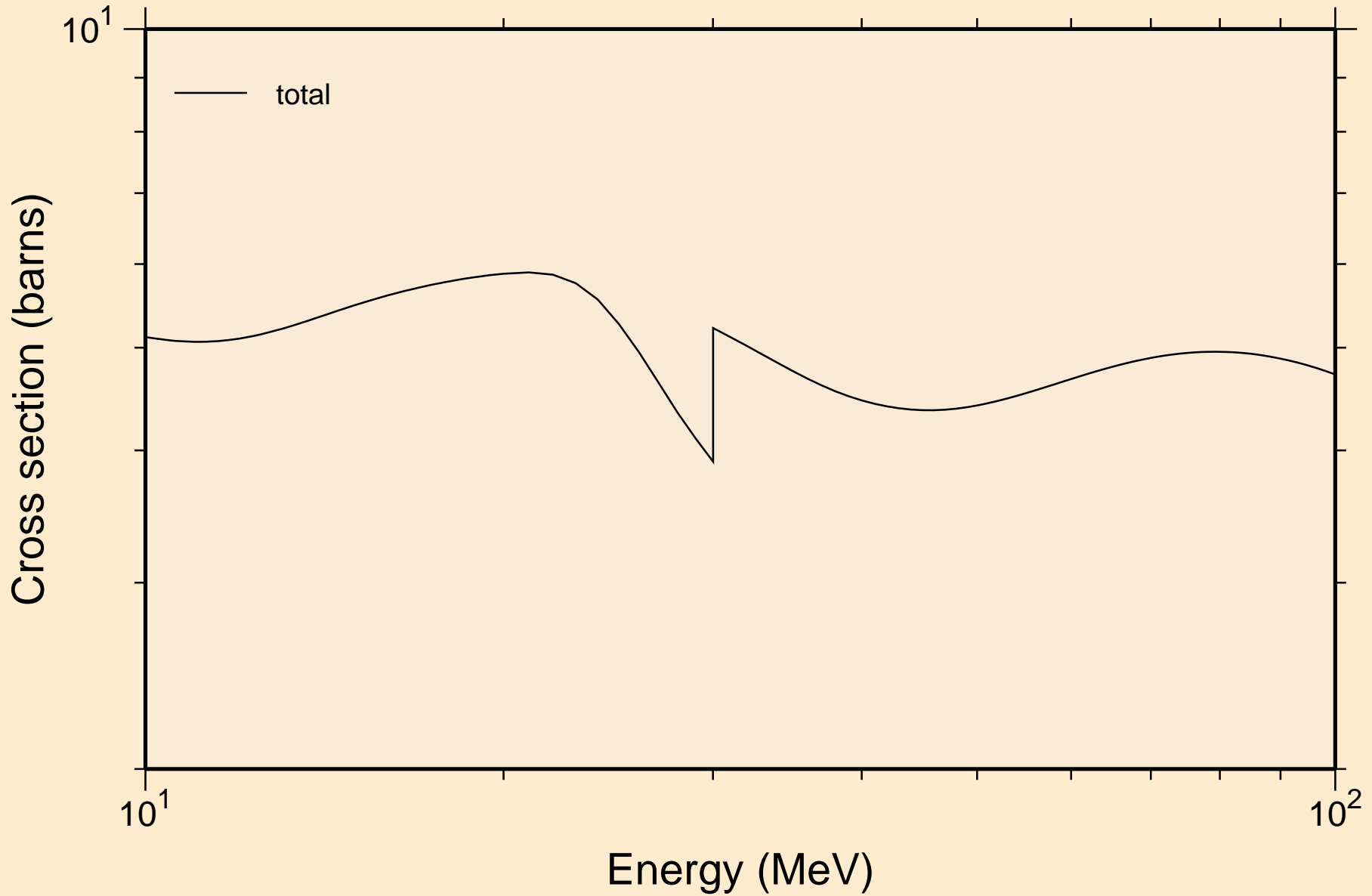
BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



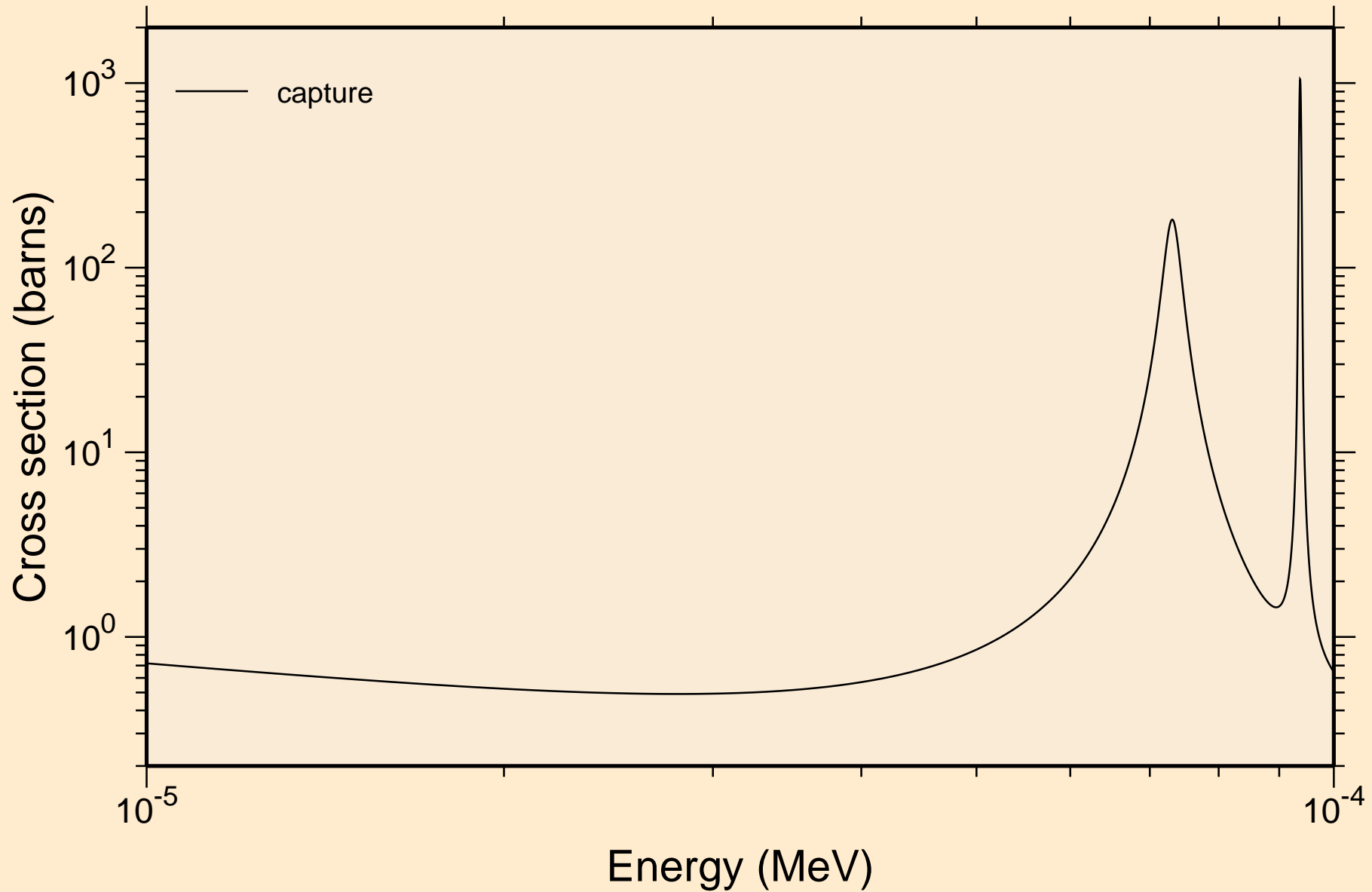
BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



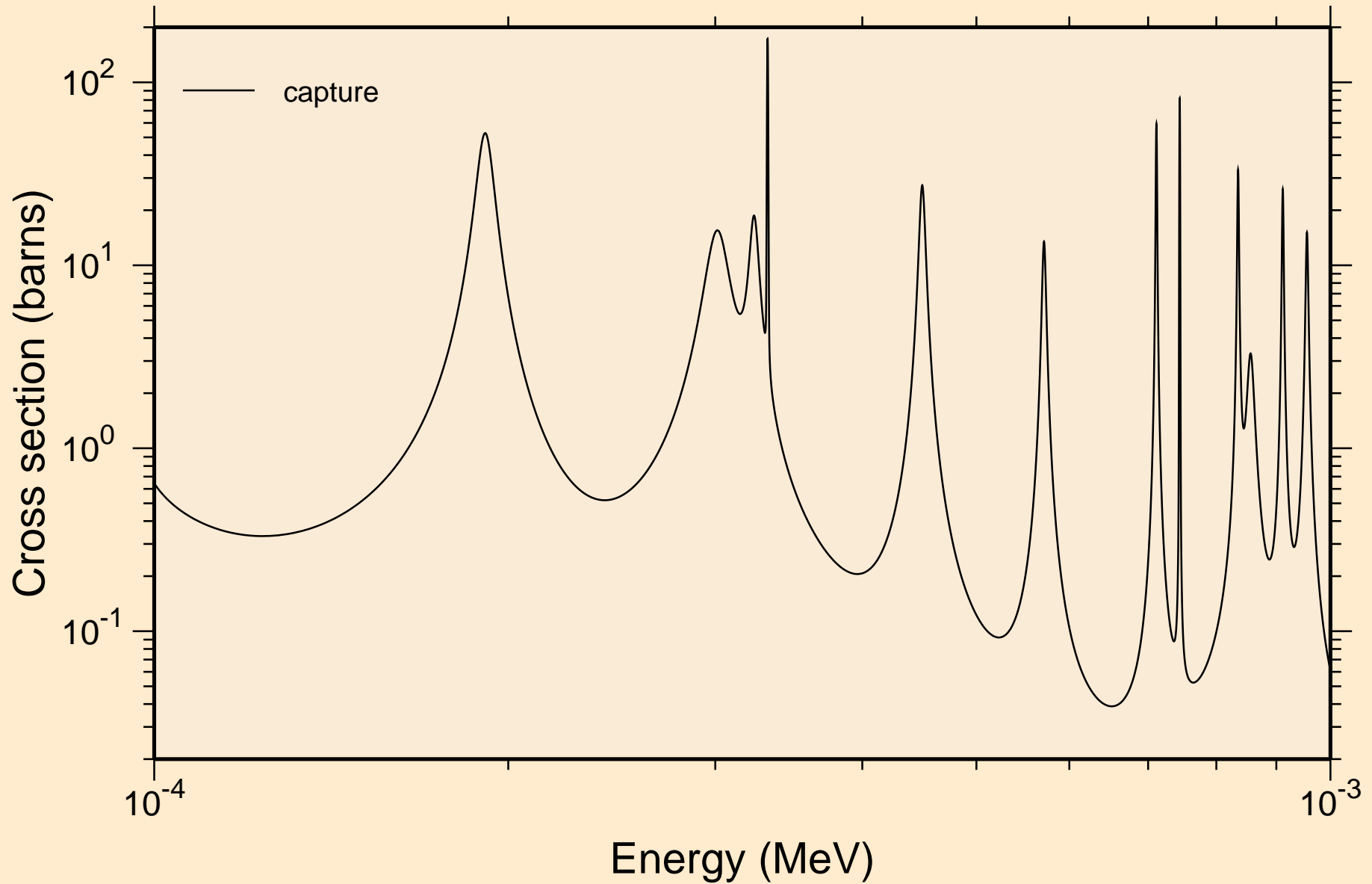
BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



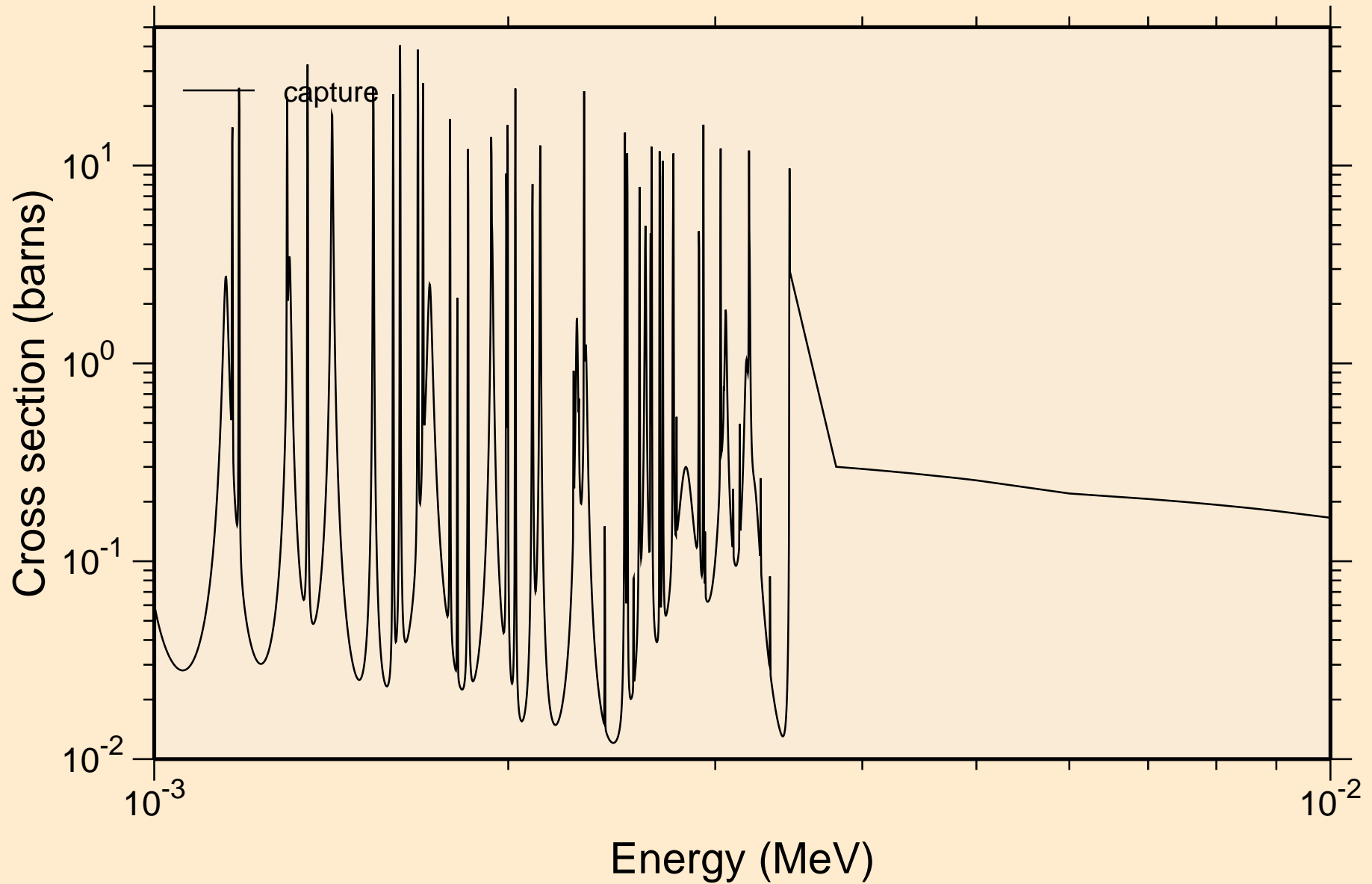
BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

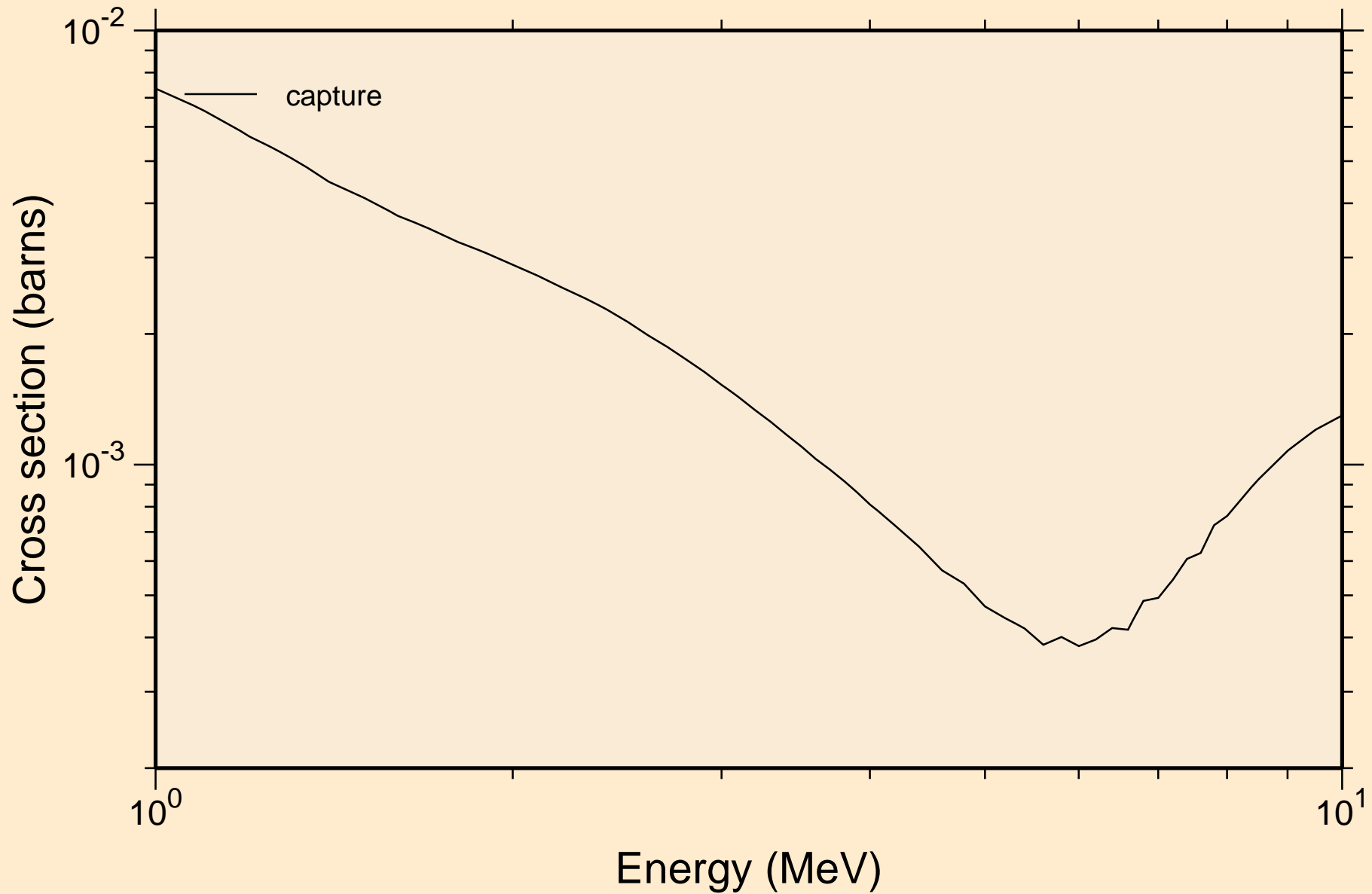


BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

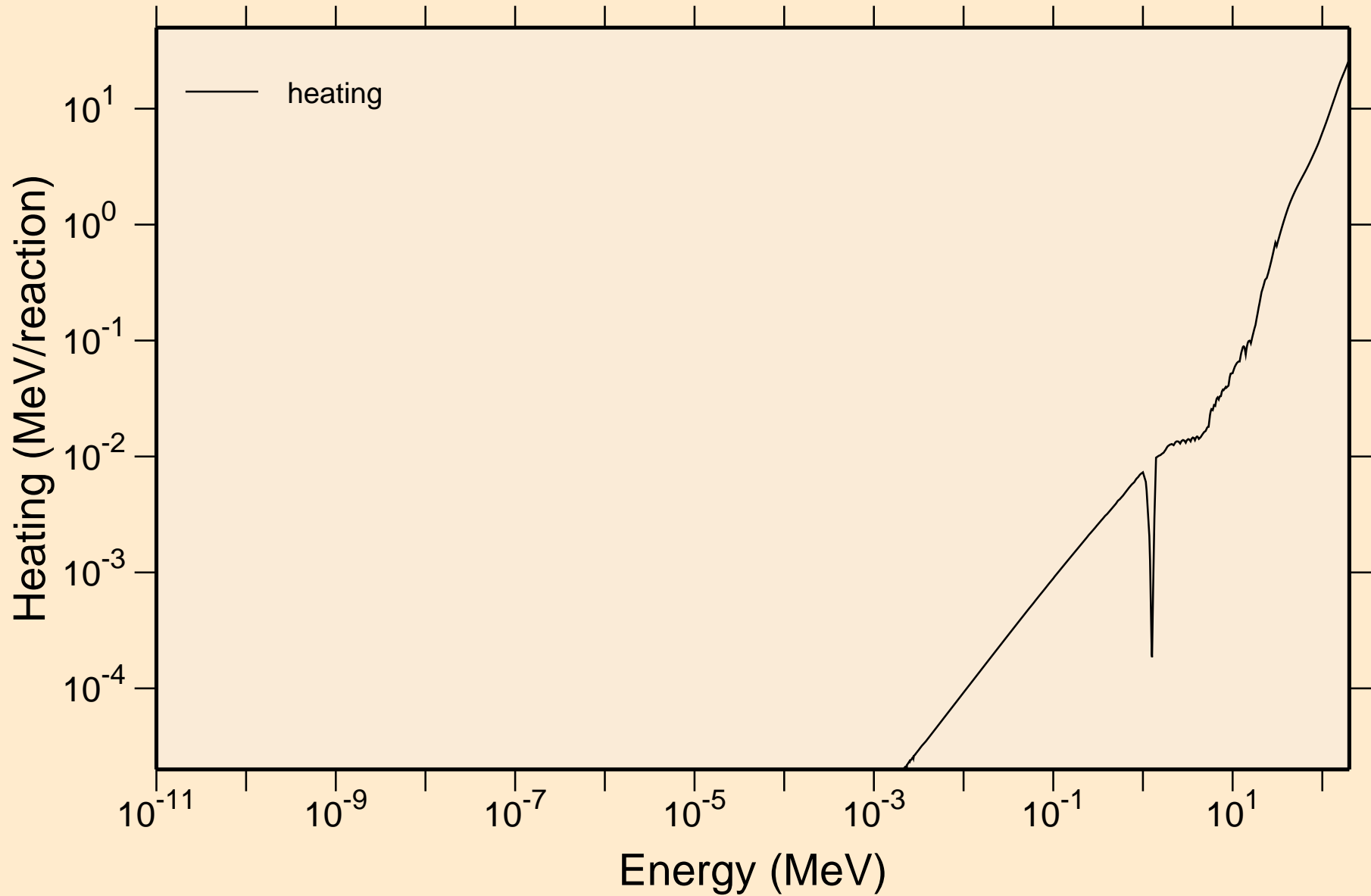




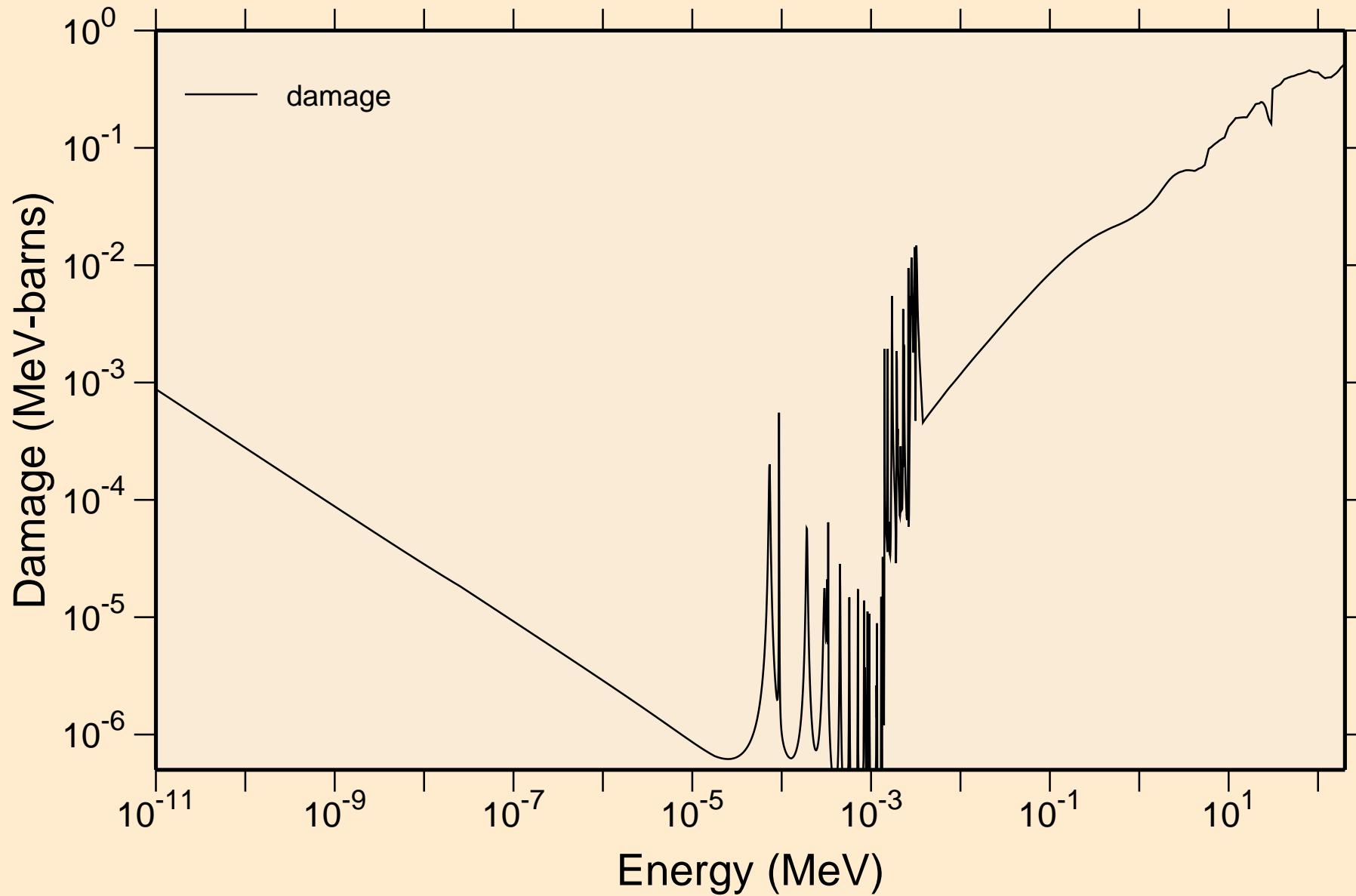
BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



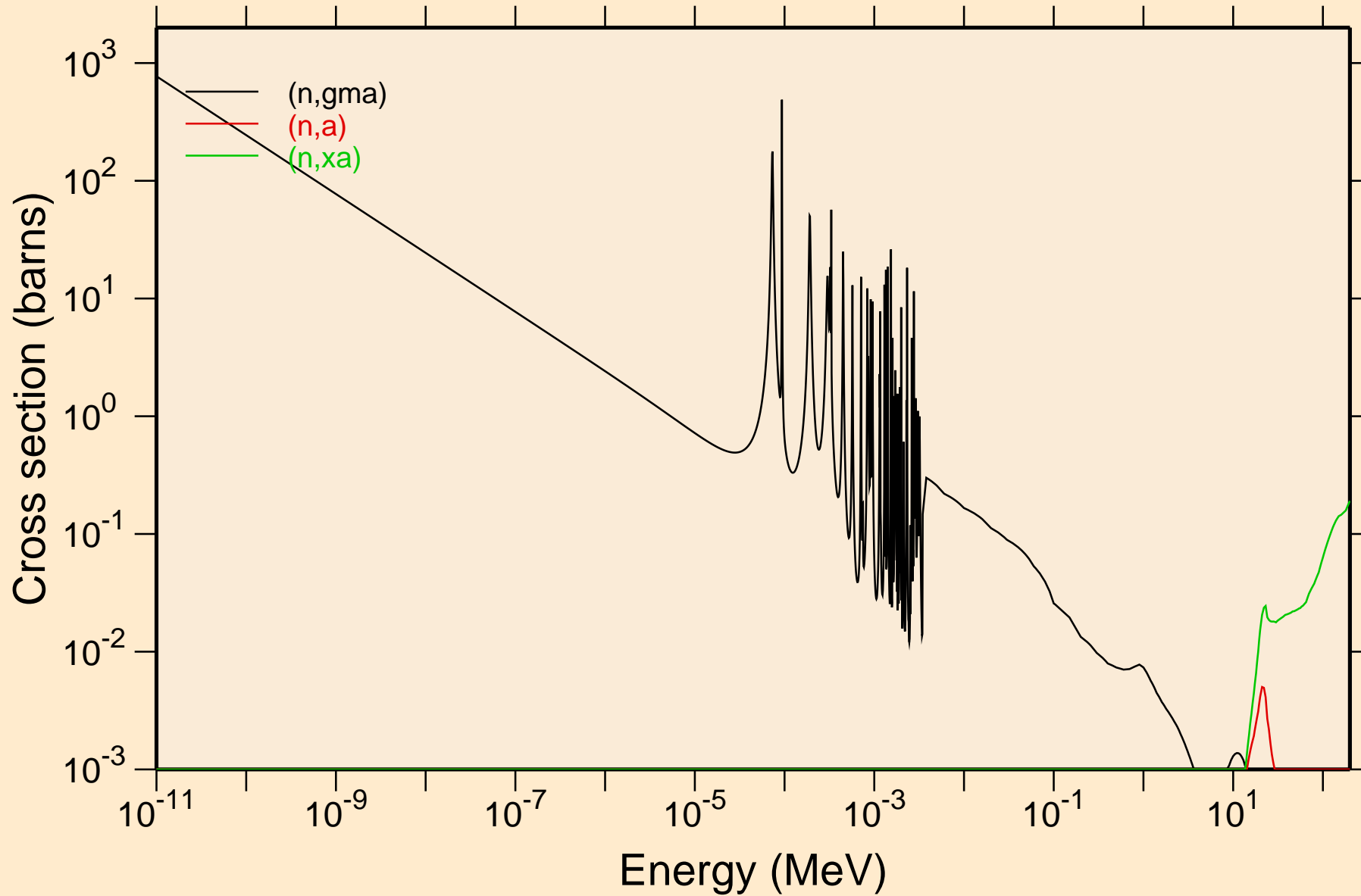
BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



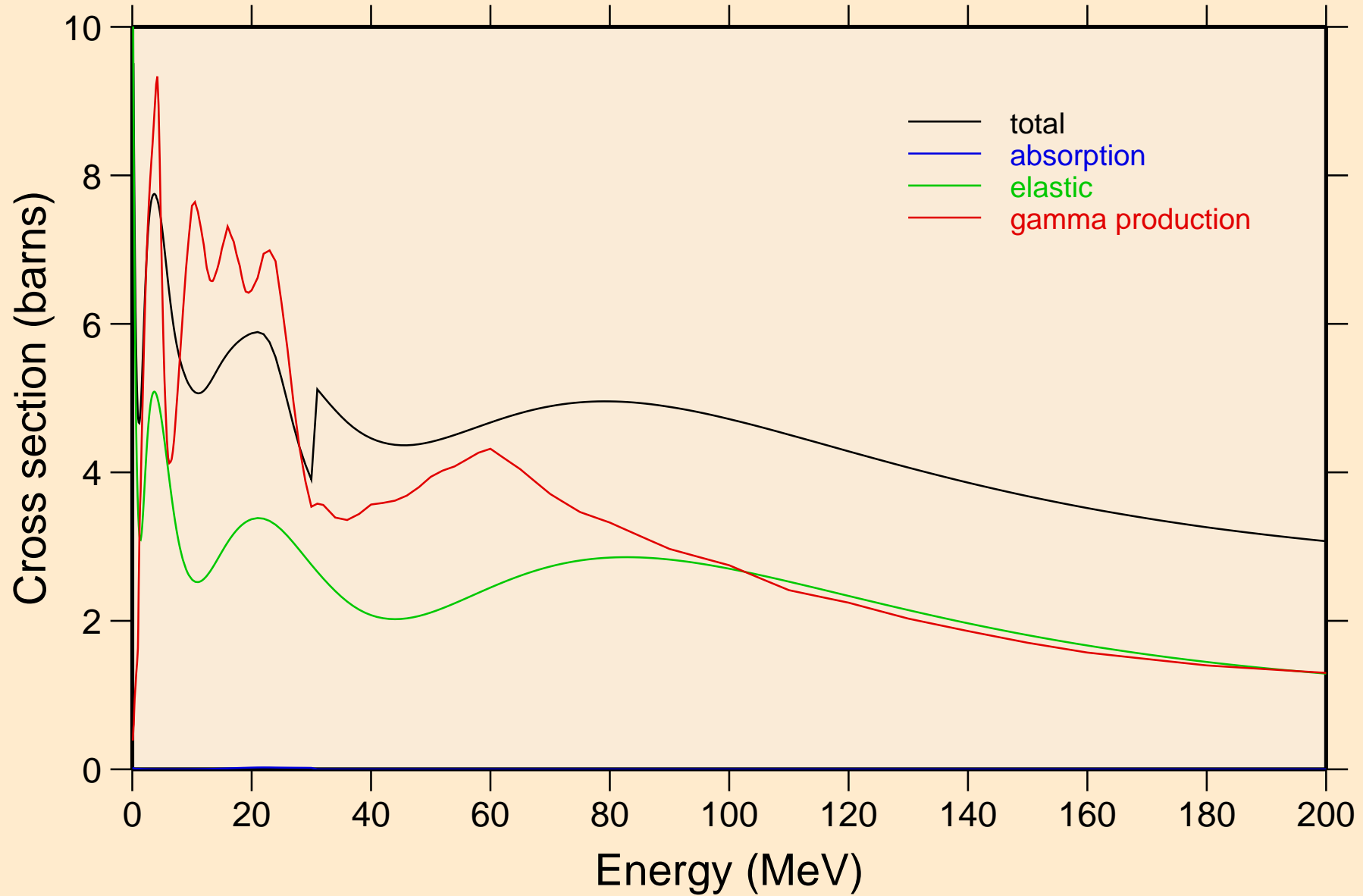
BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage



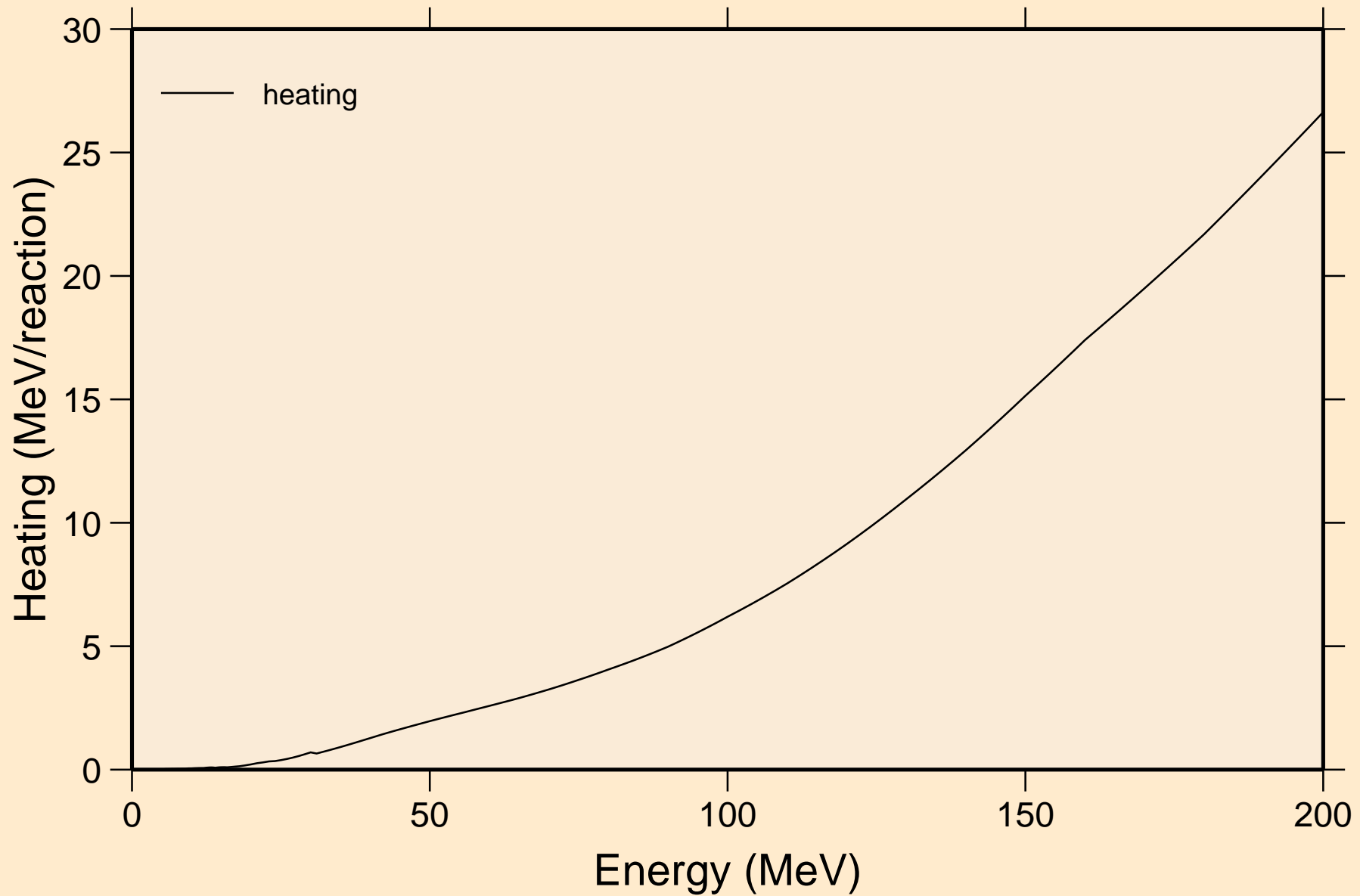
BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



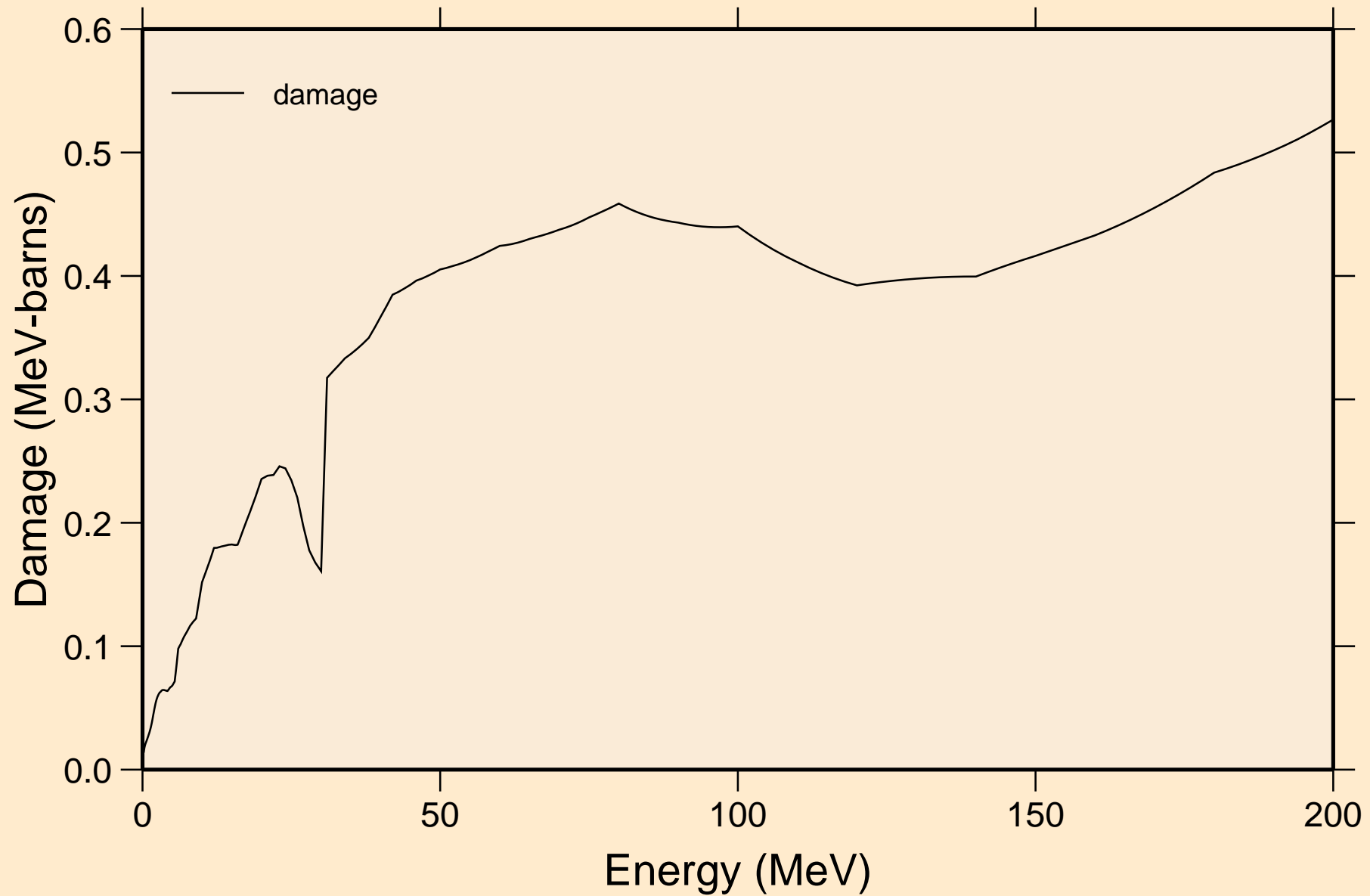
BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Principal cross sections



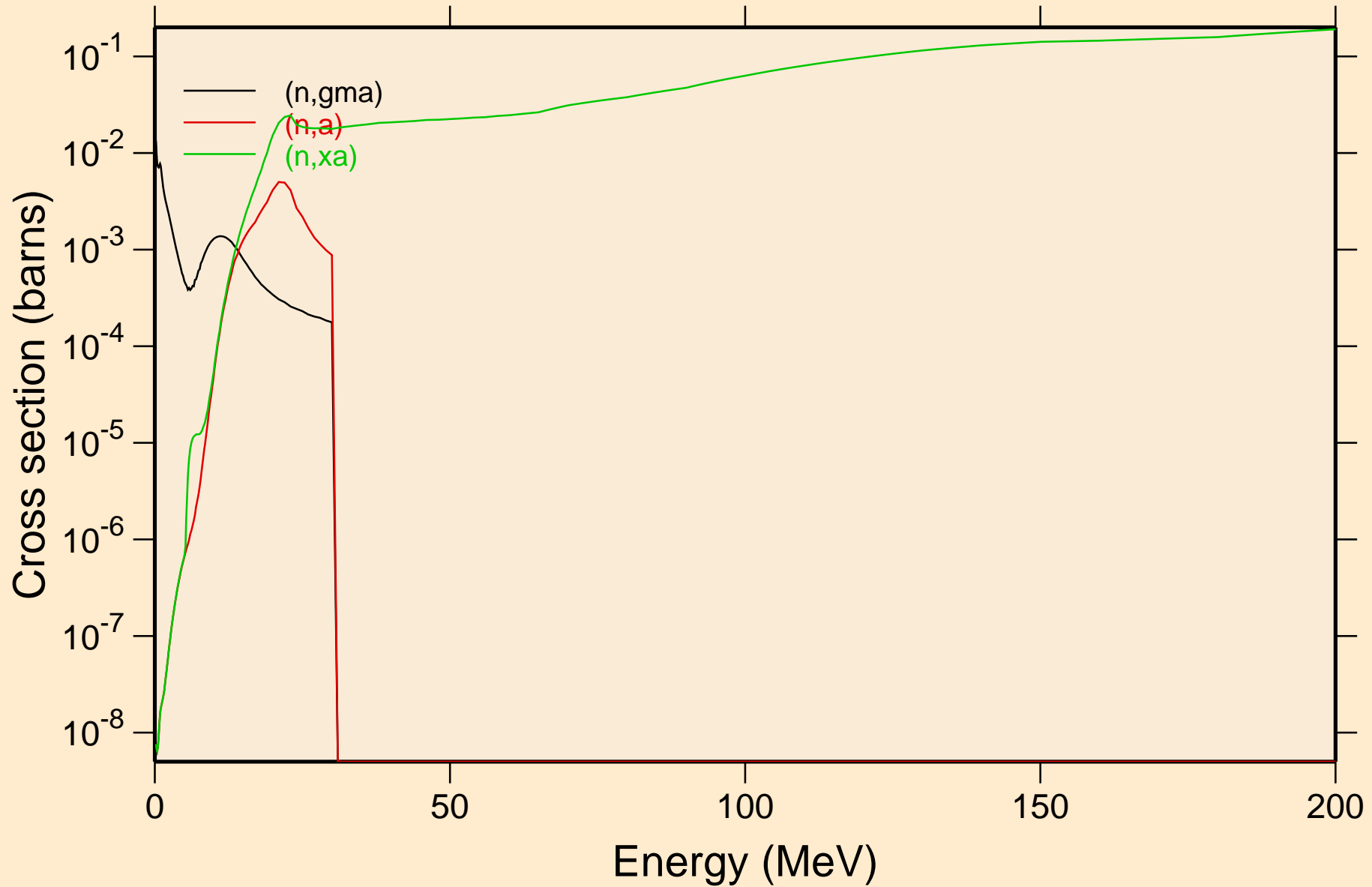
BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage

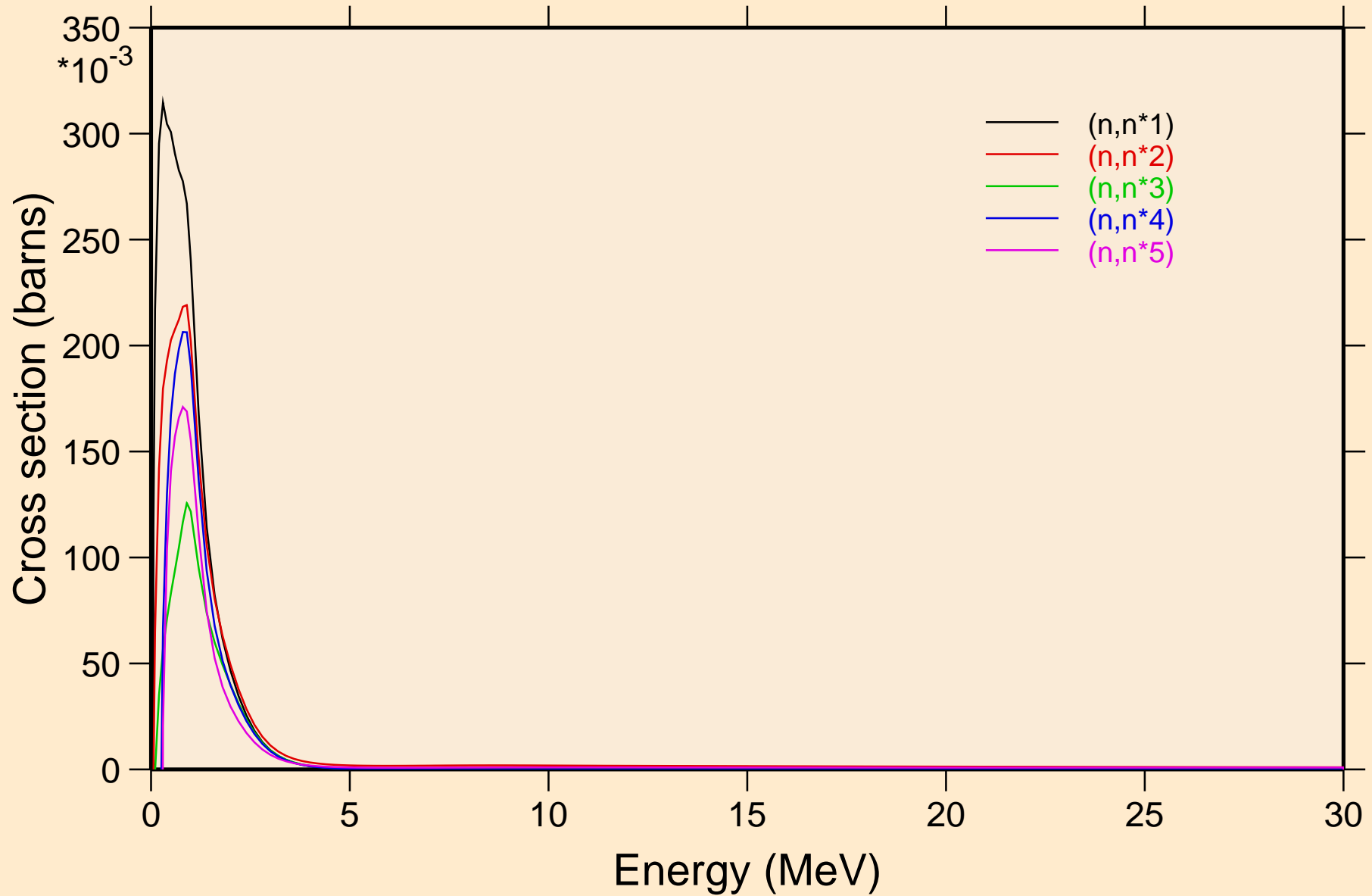


BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions

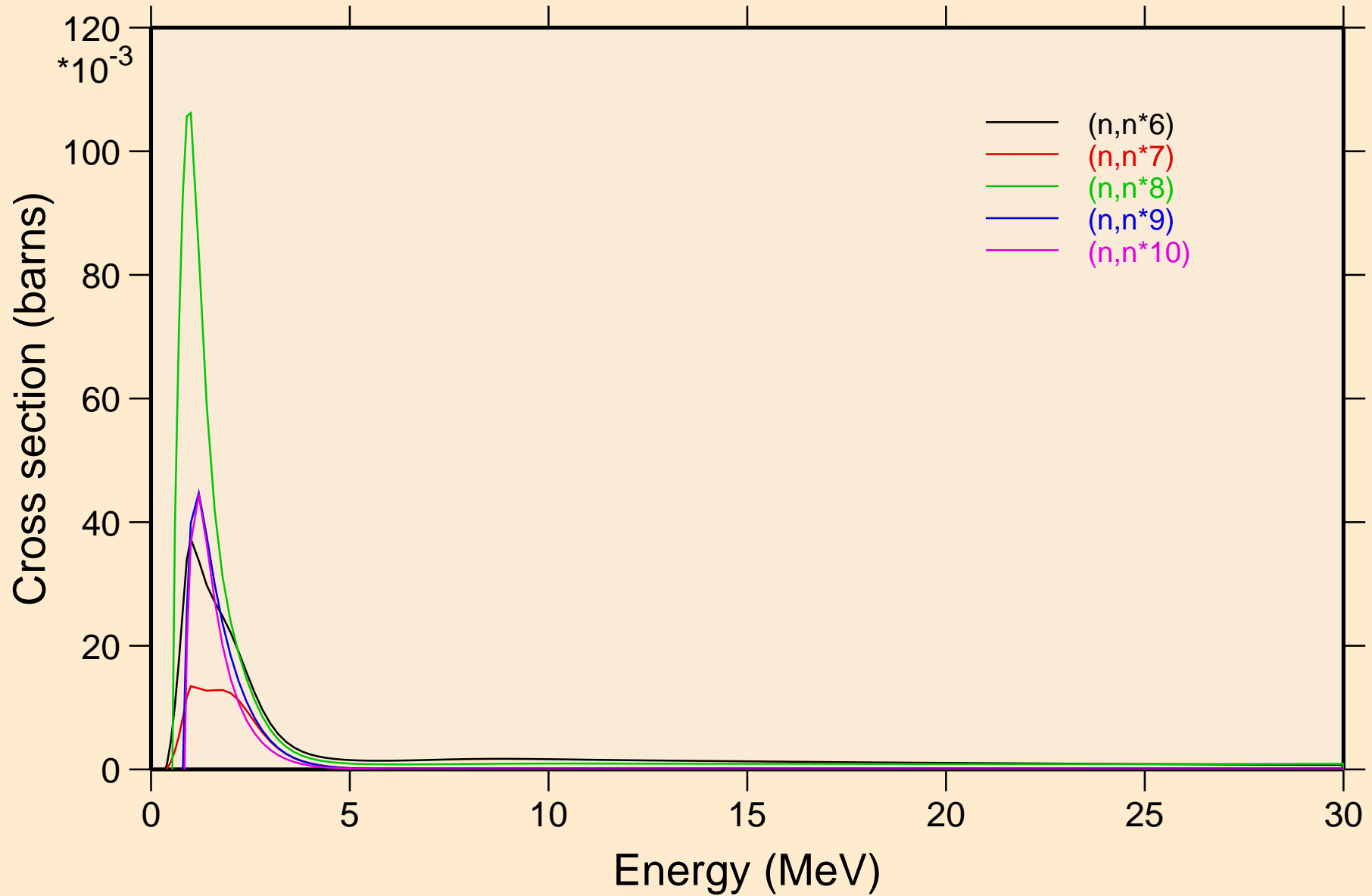




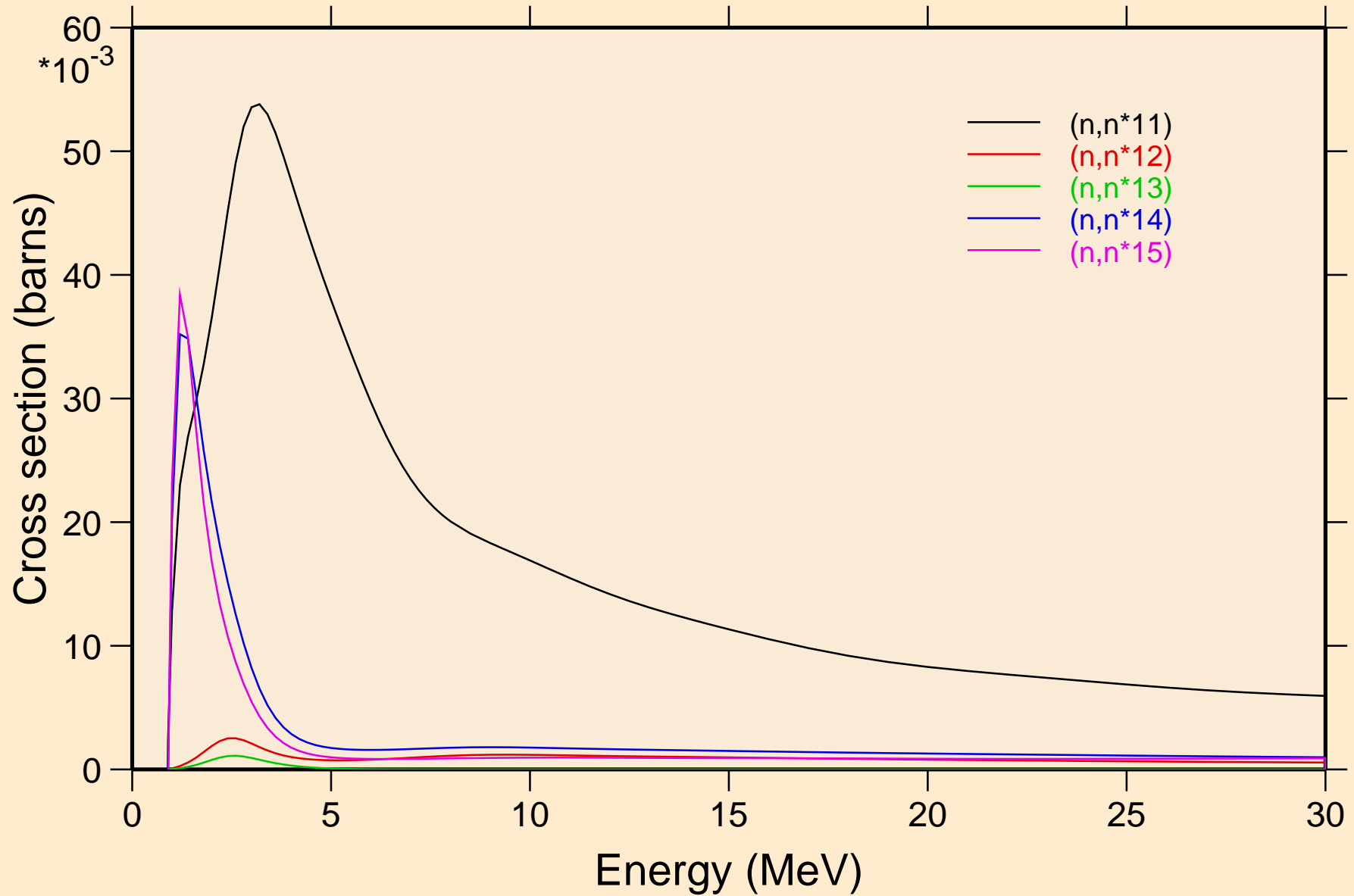
BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



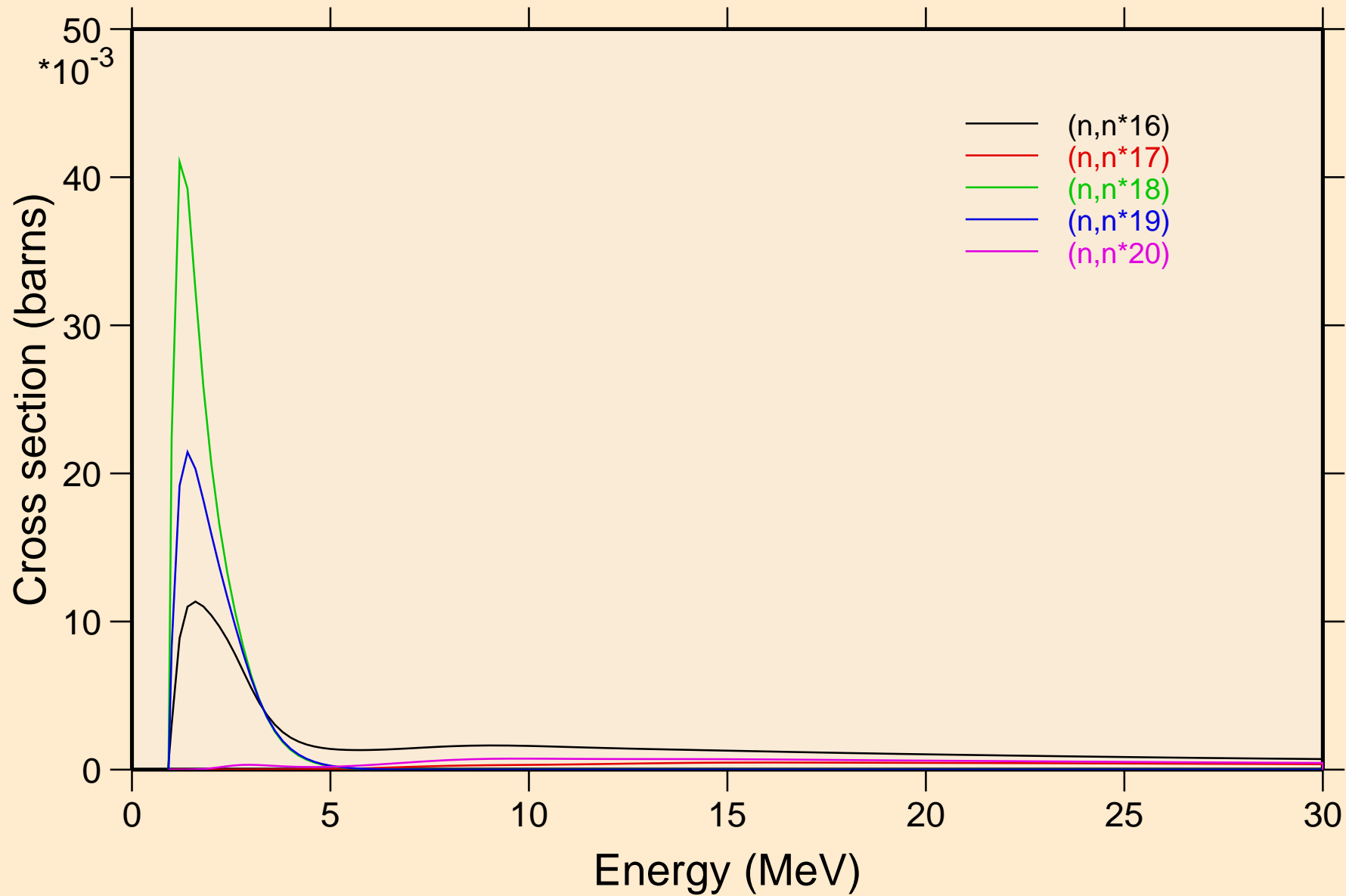
BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



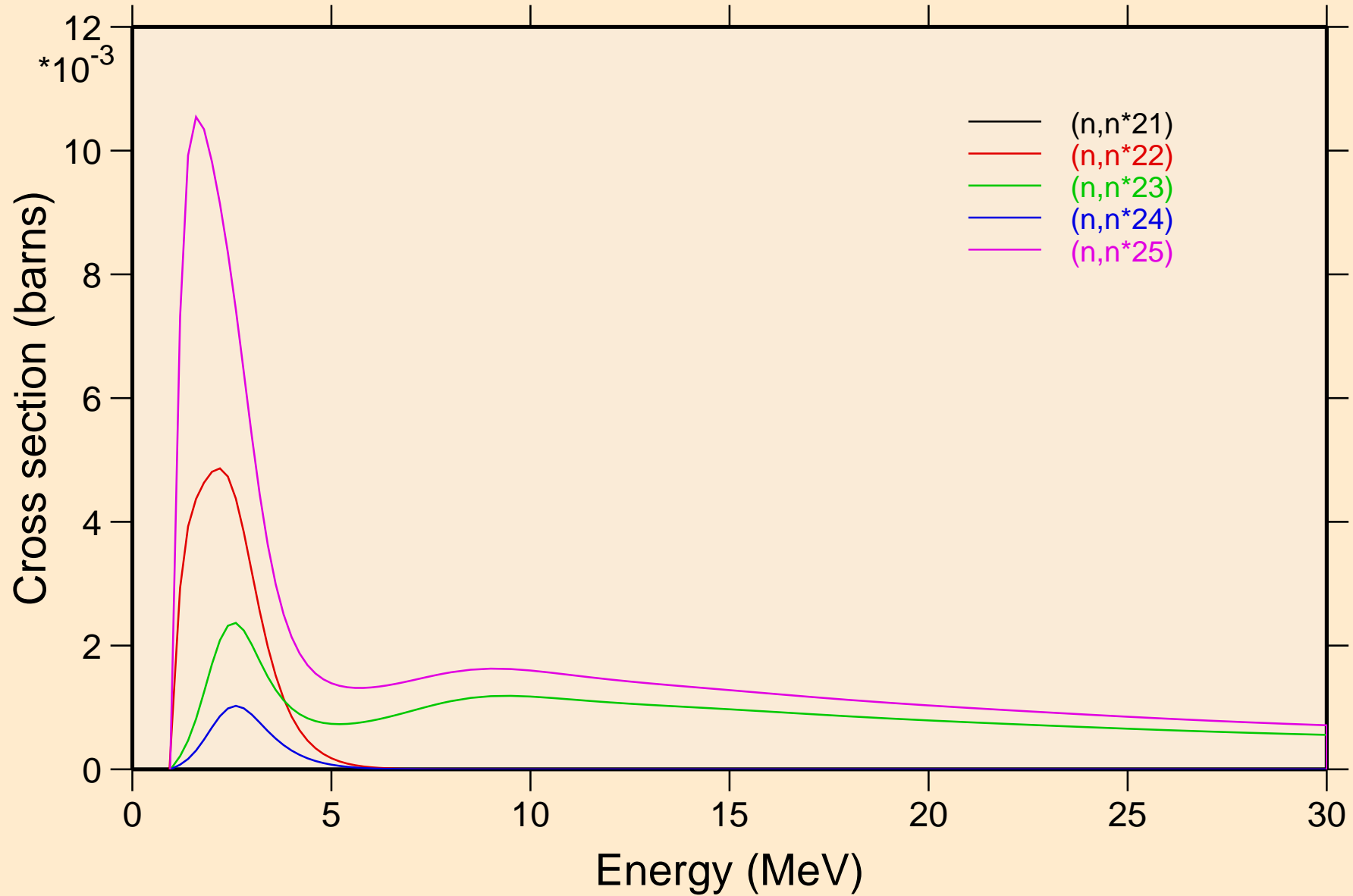
BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



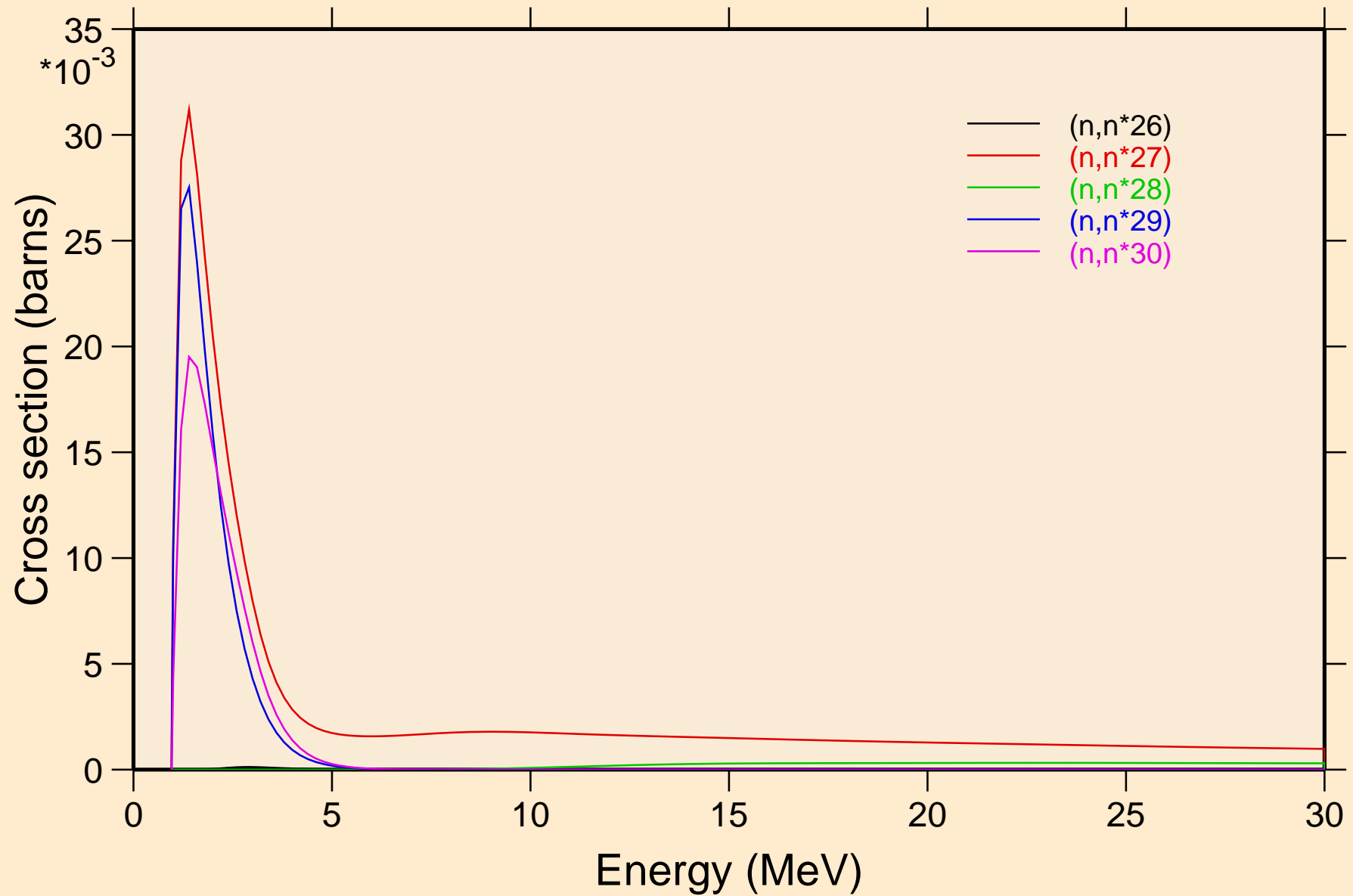
BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



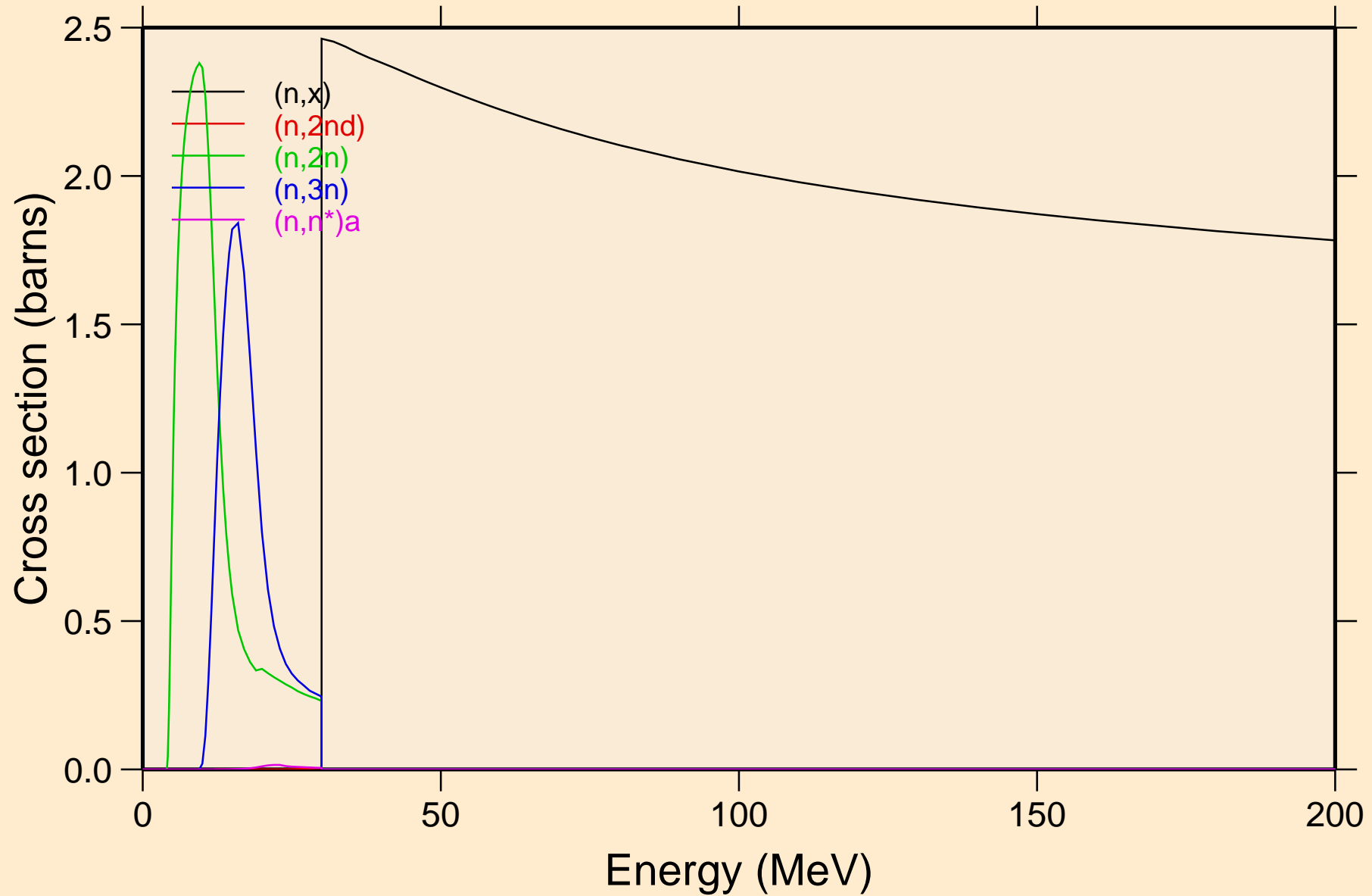
BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

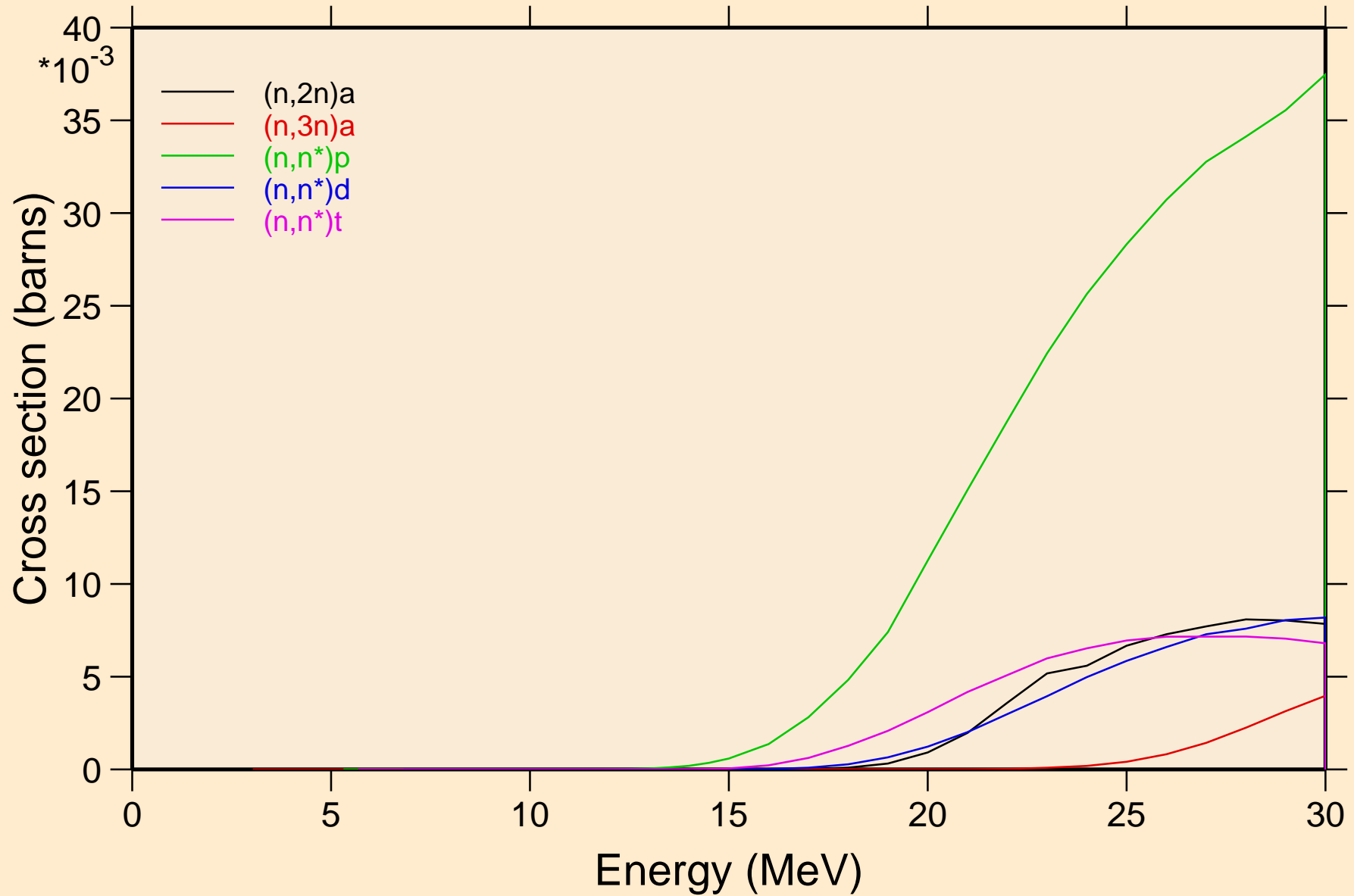


BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



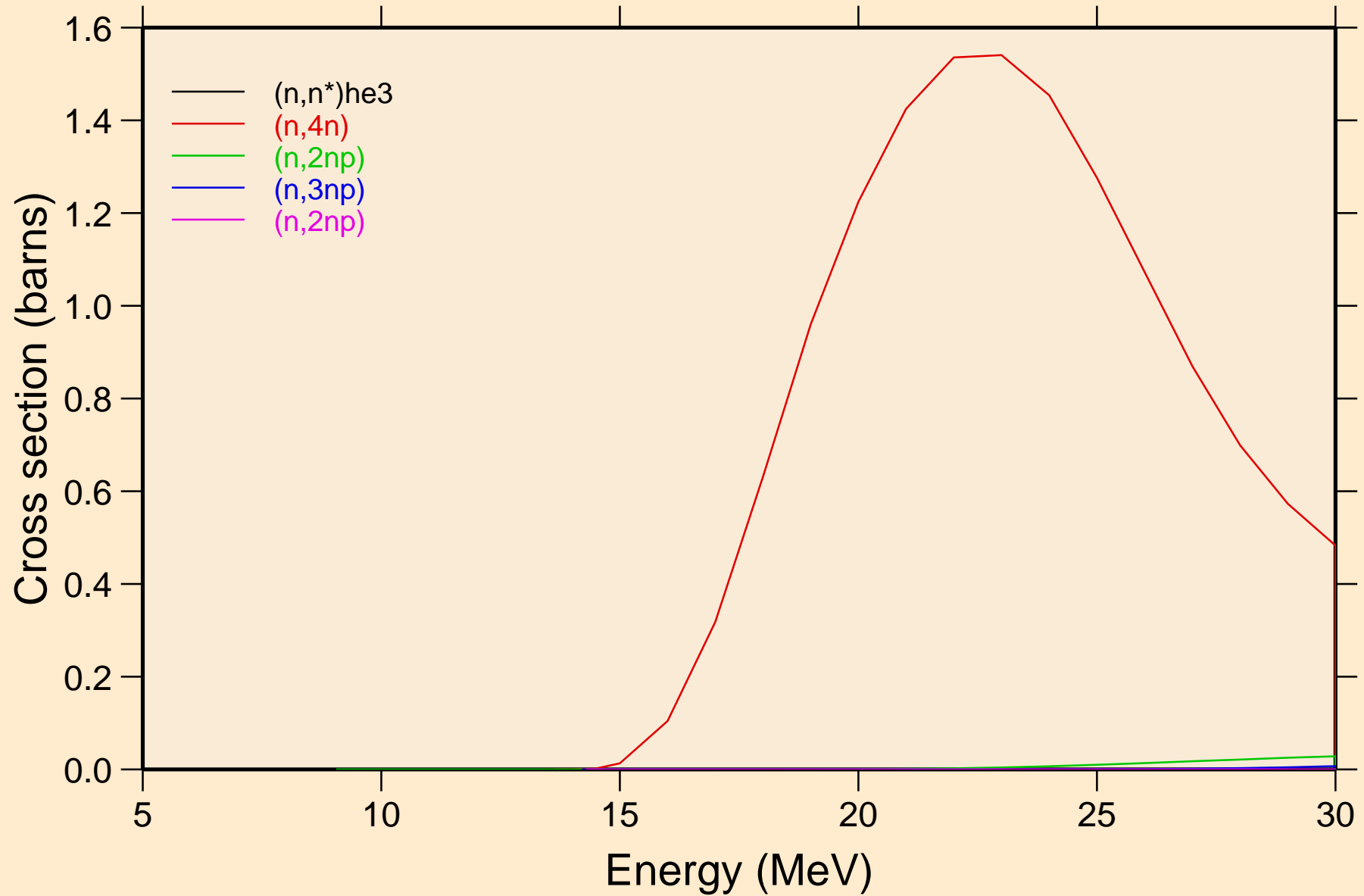
# BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Threshold reactions

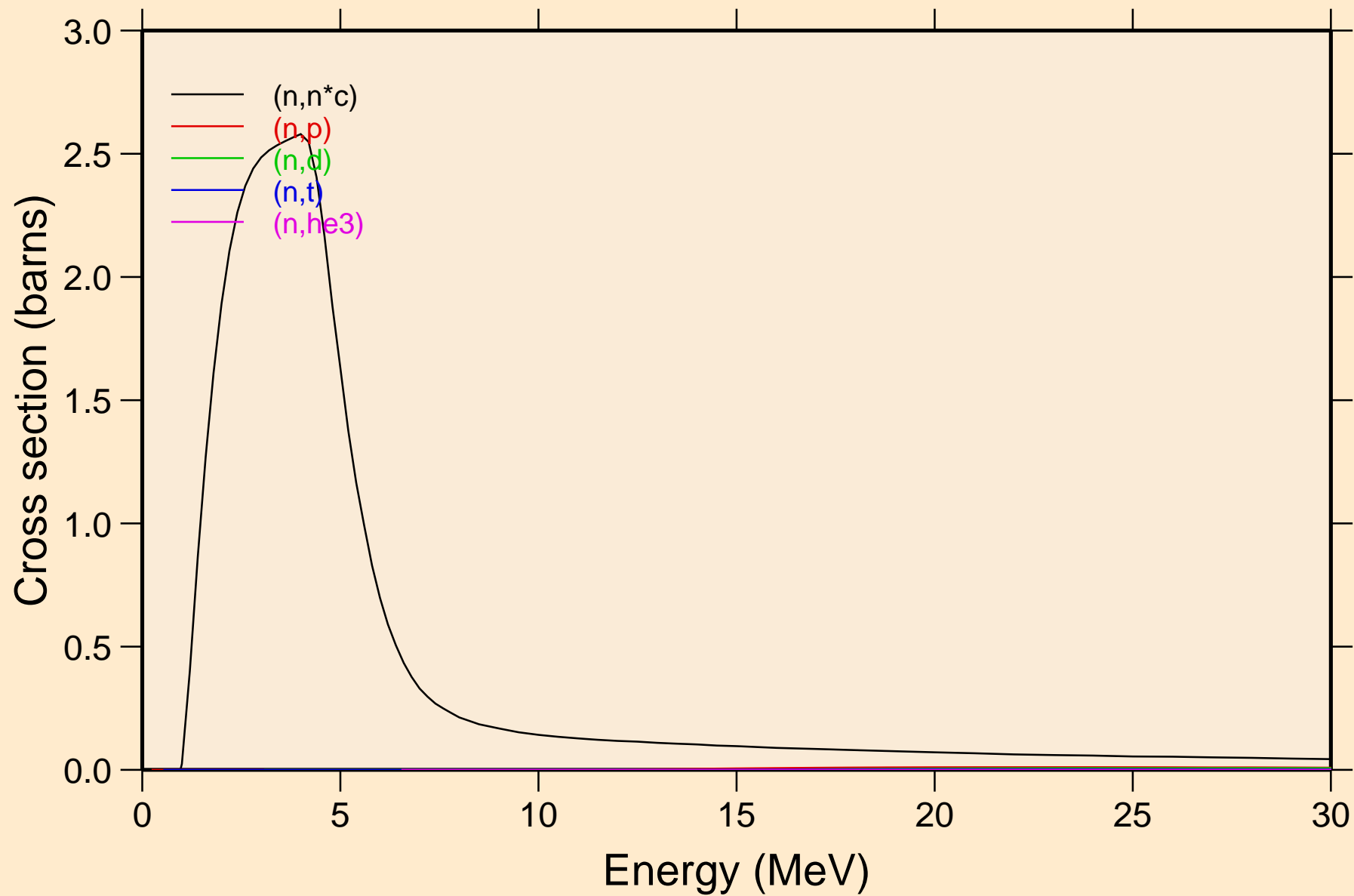




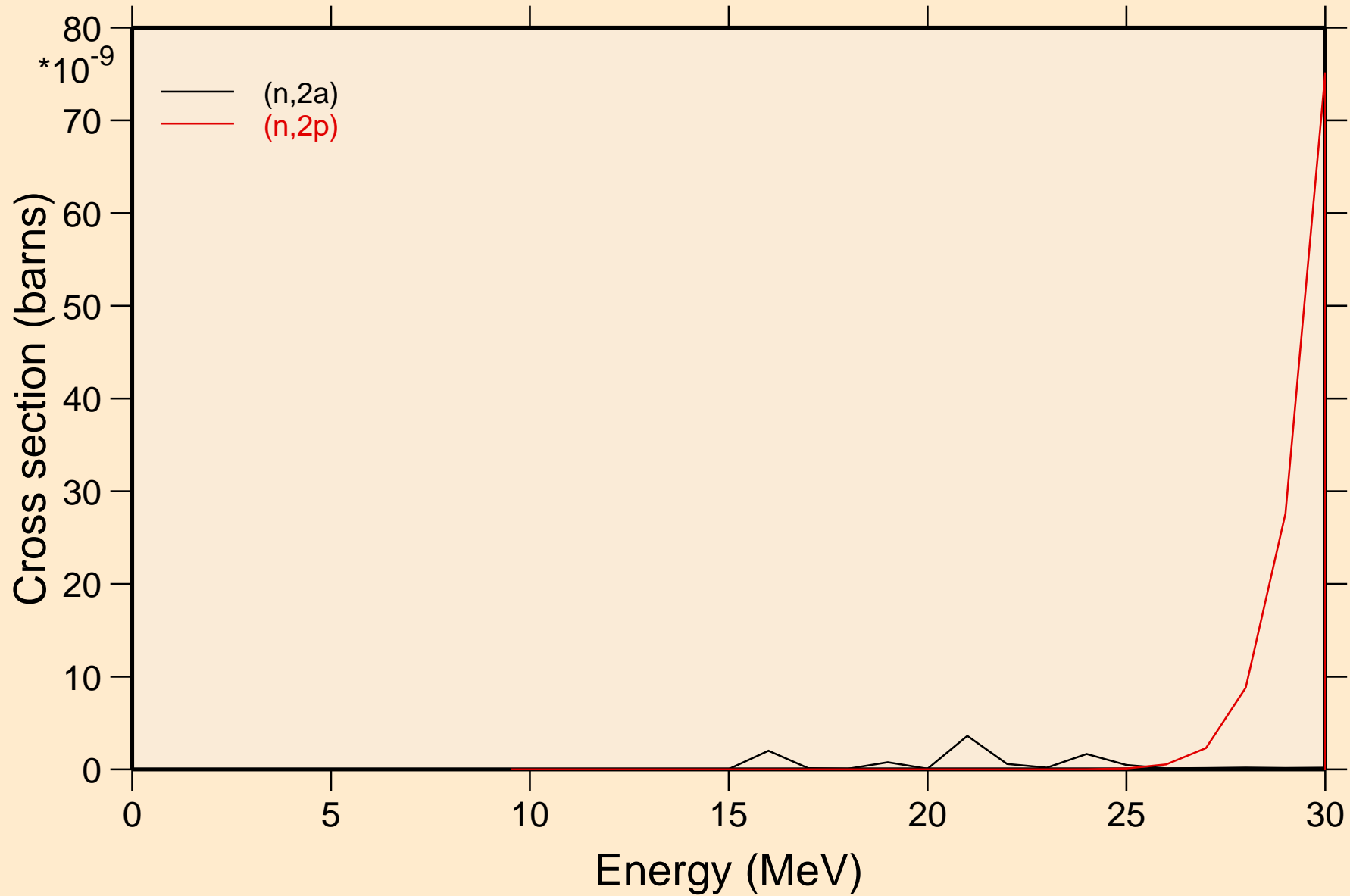
BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



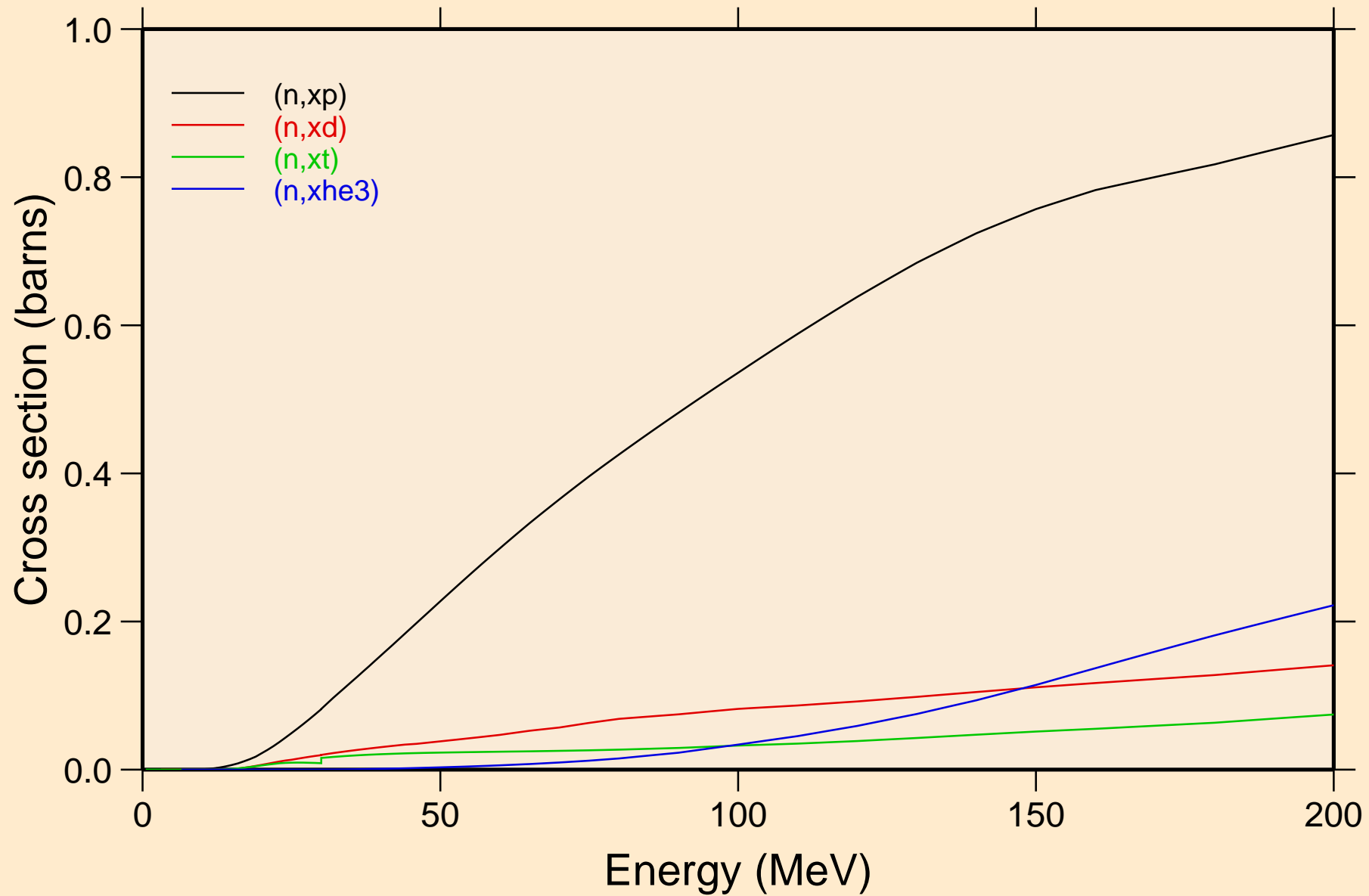
BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



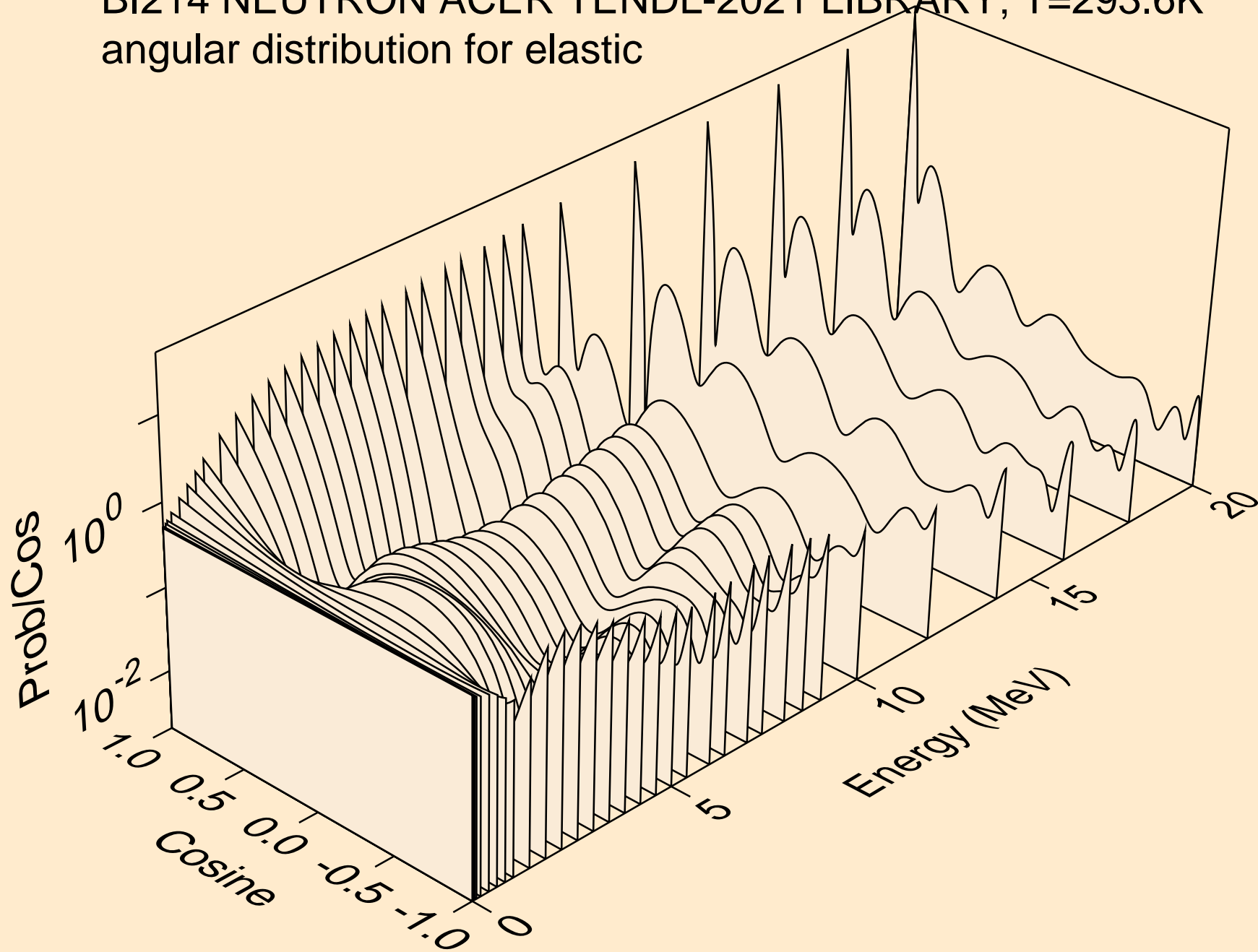
BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



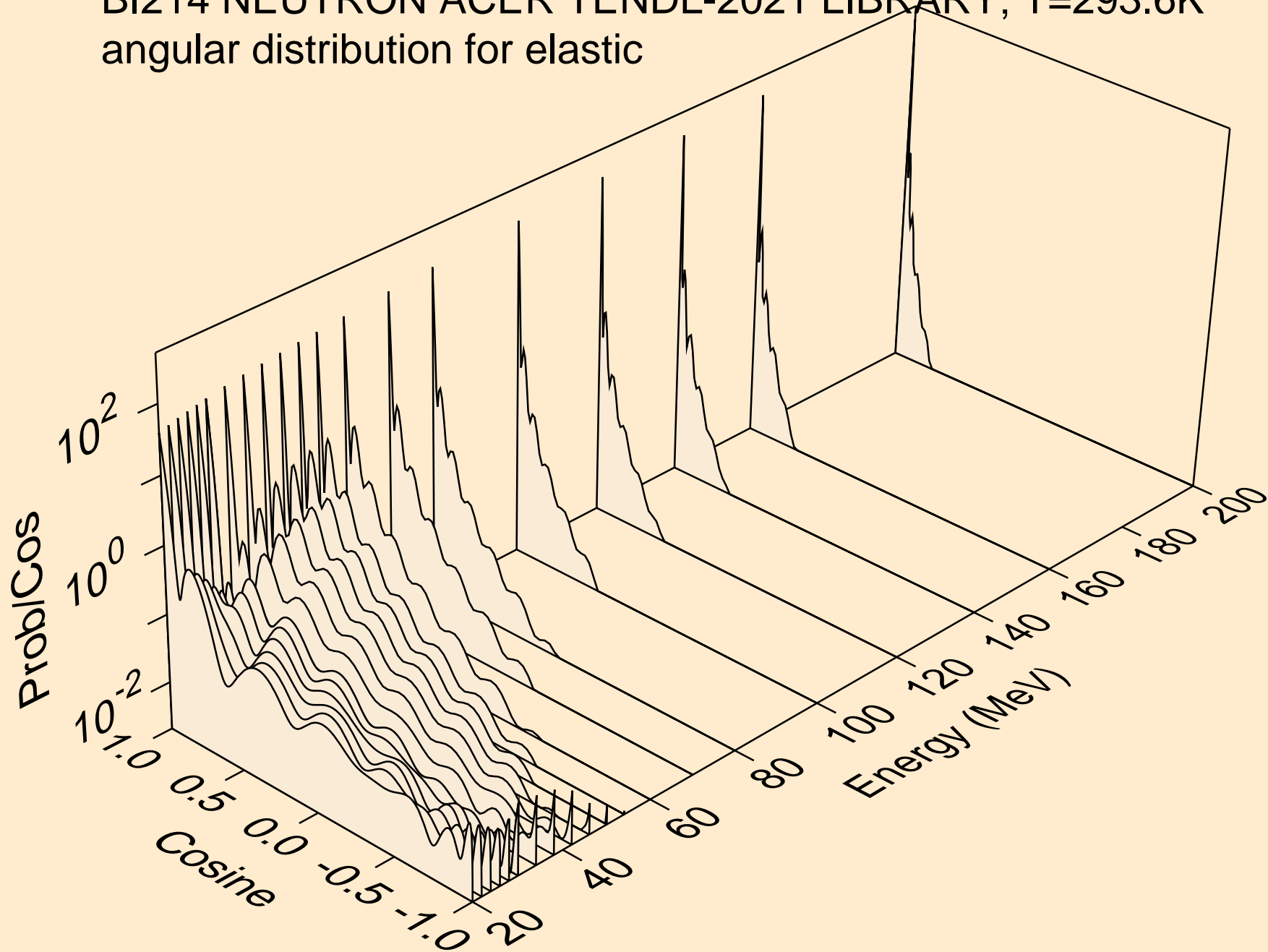
BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



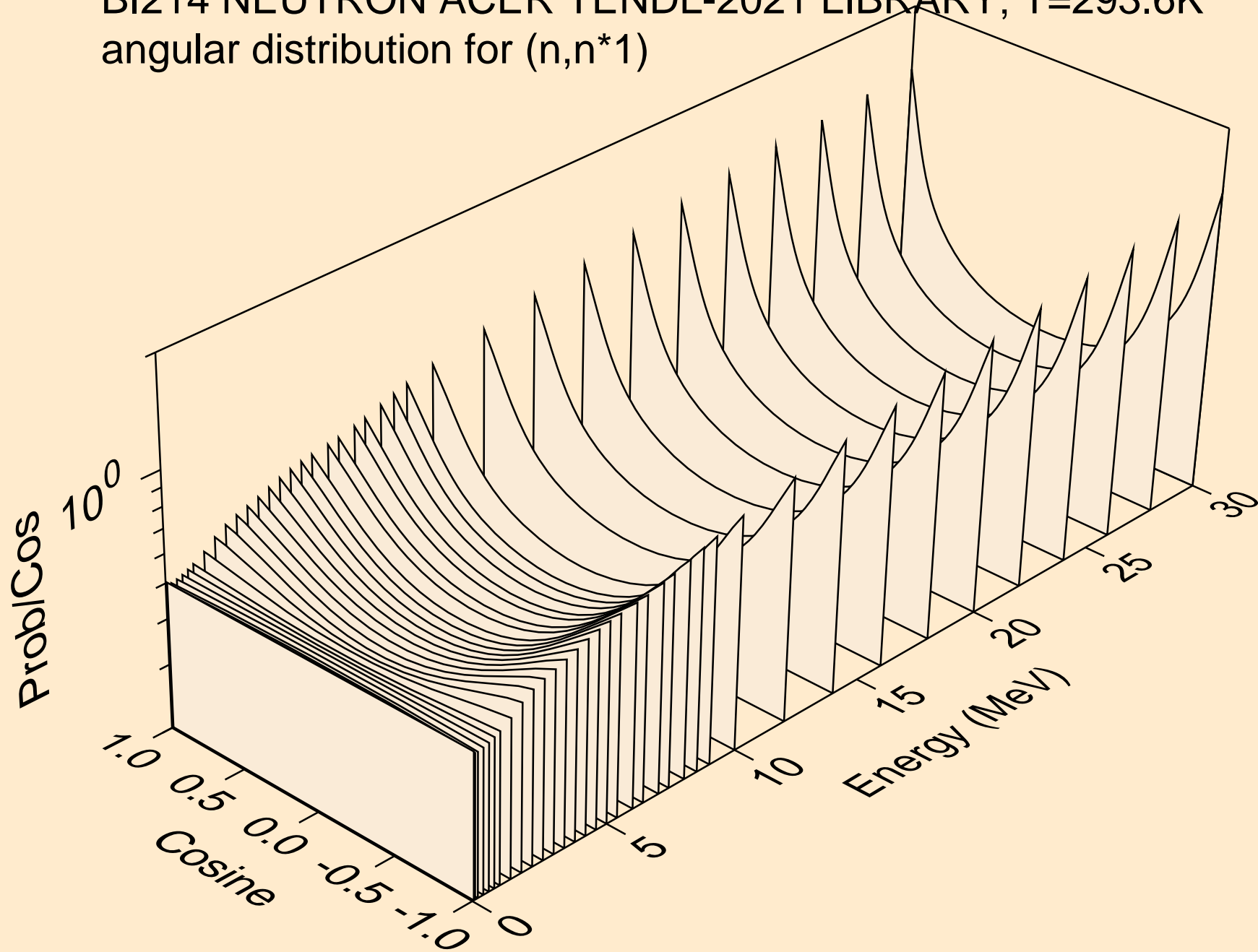
BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



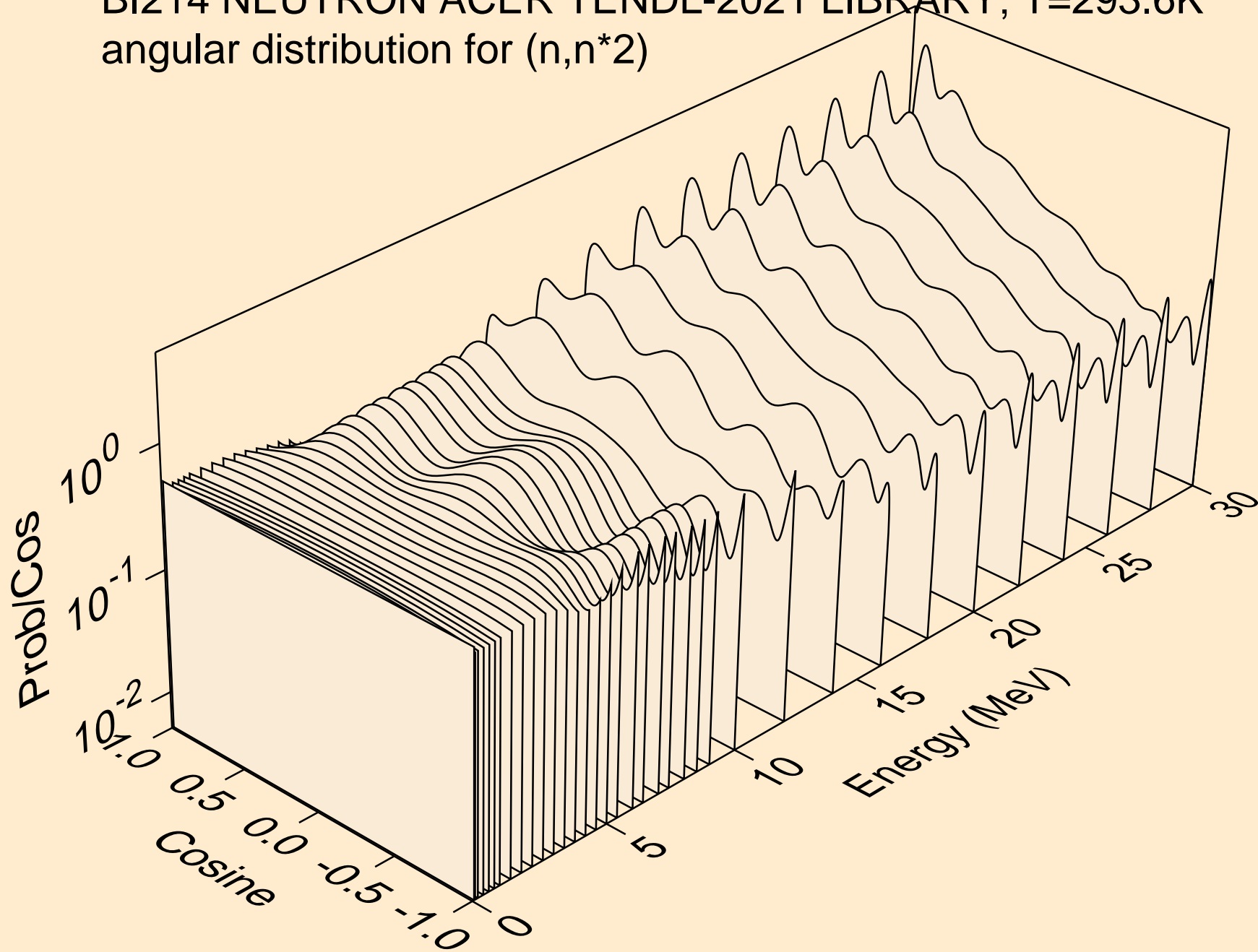
BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)

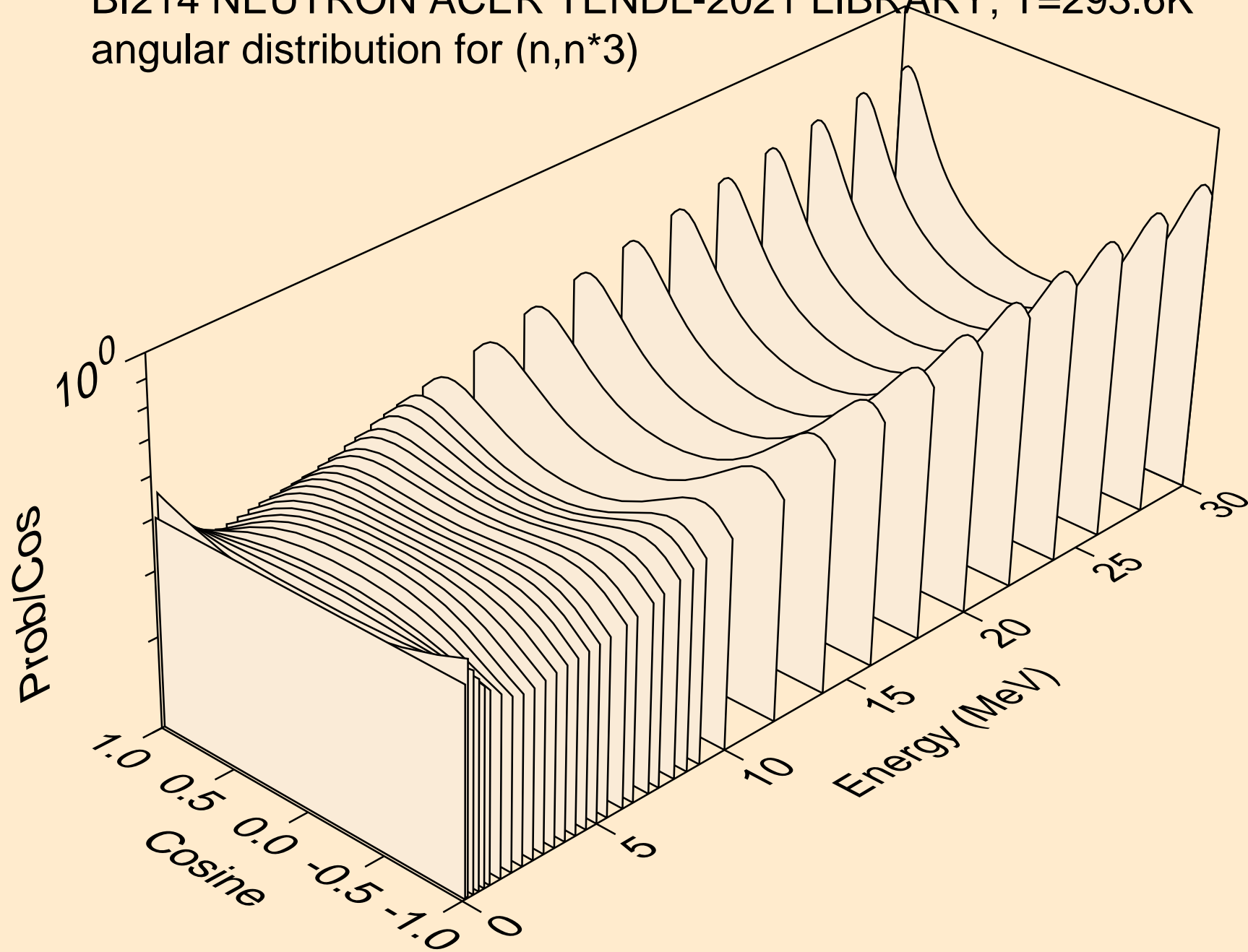


BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)

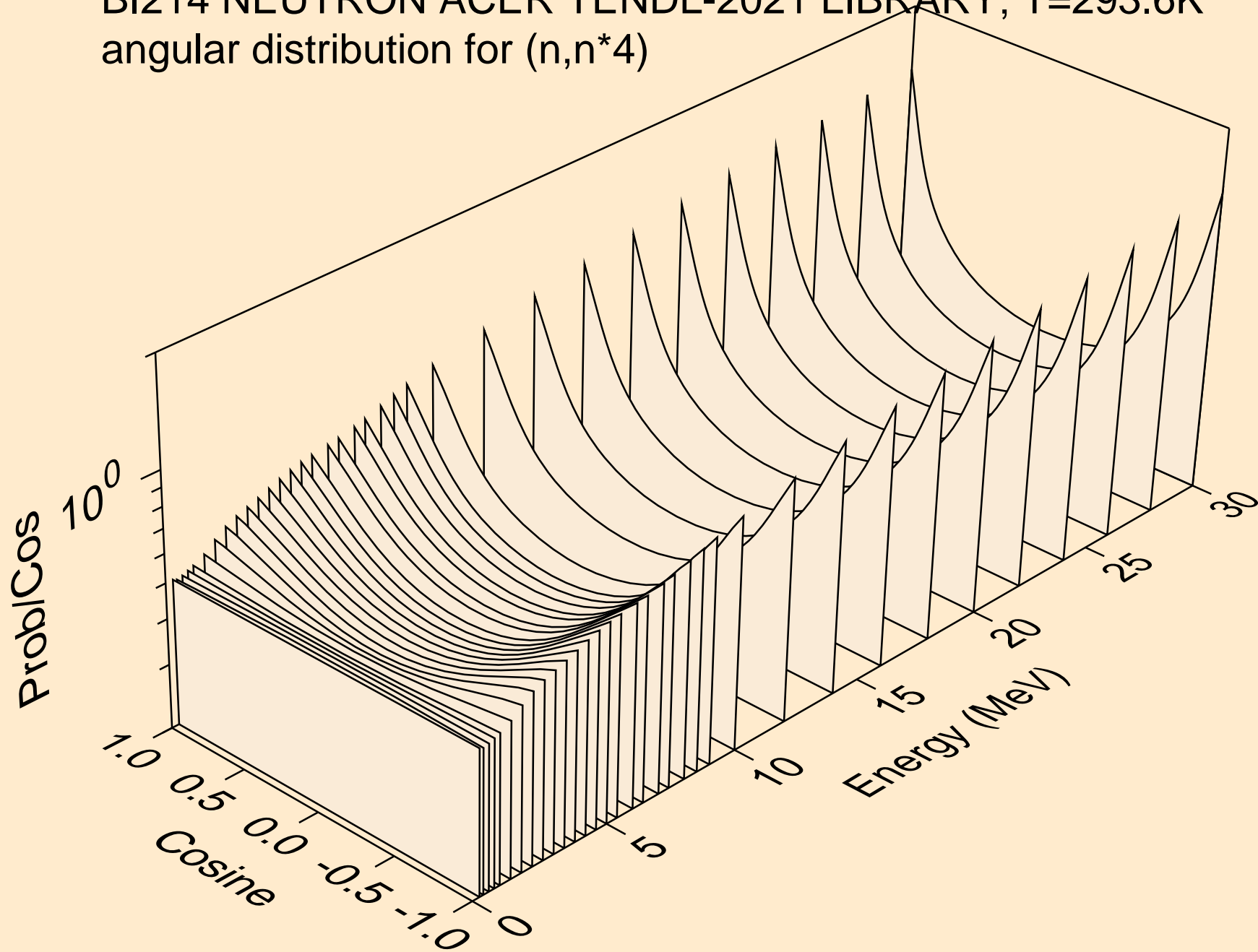




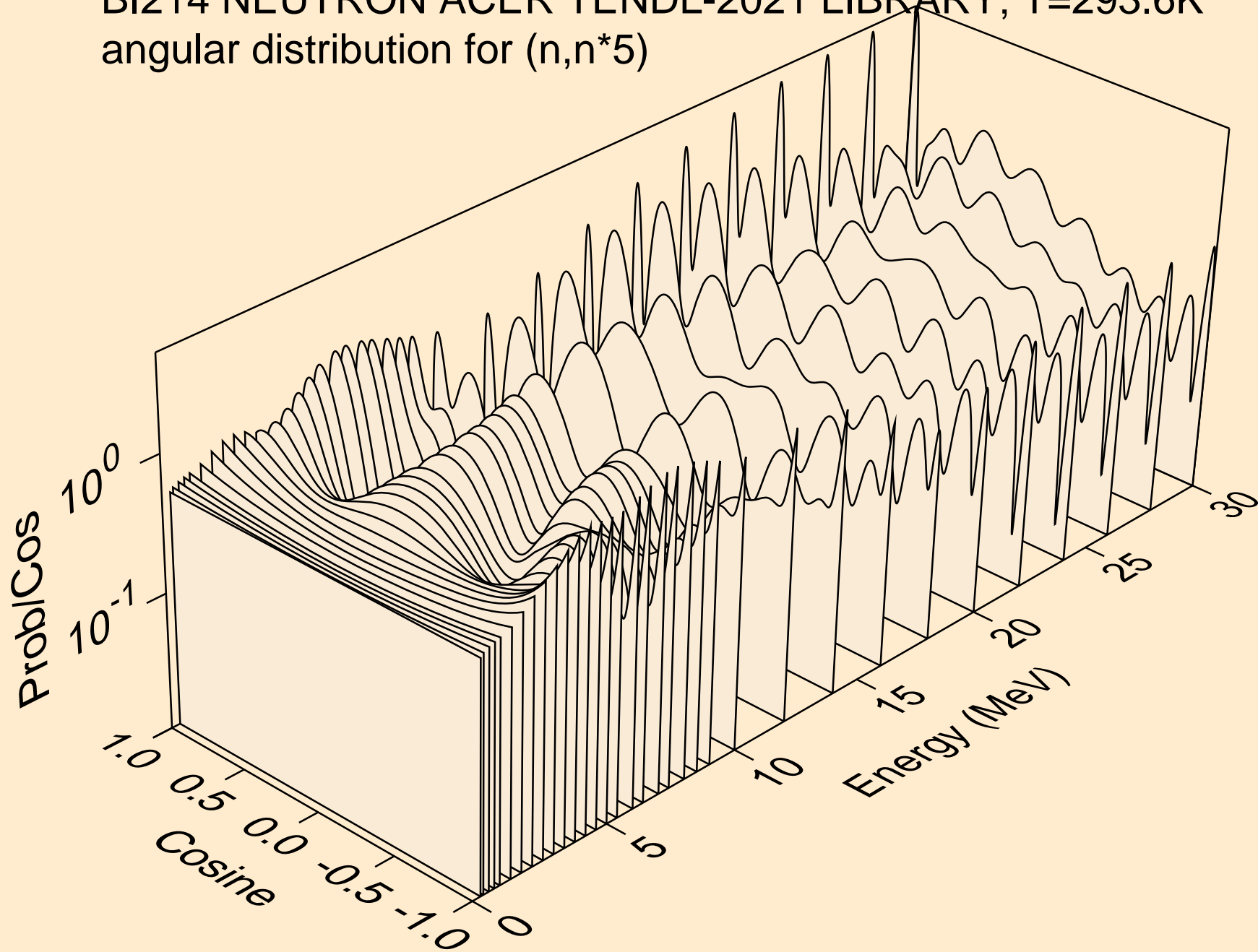
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angular distribution for (n,n\*3)



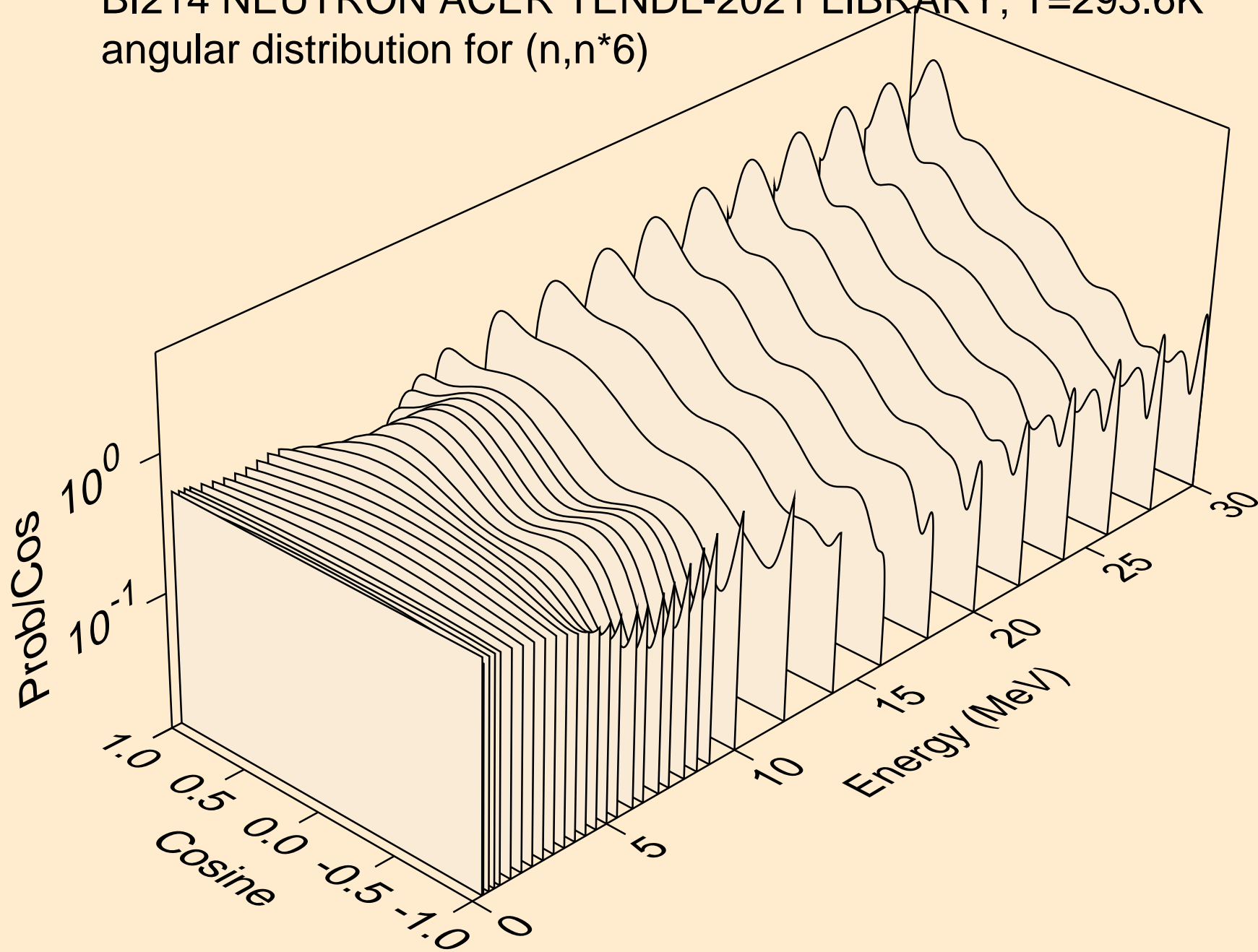
BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*4)



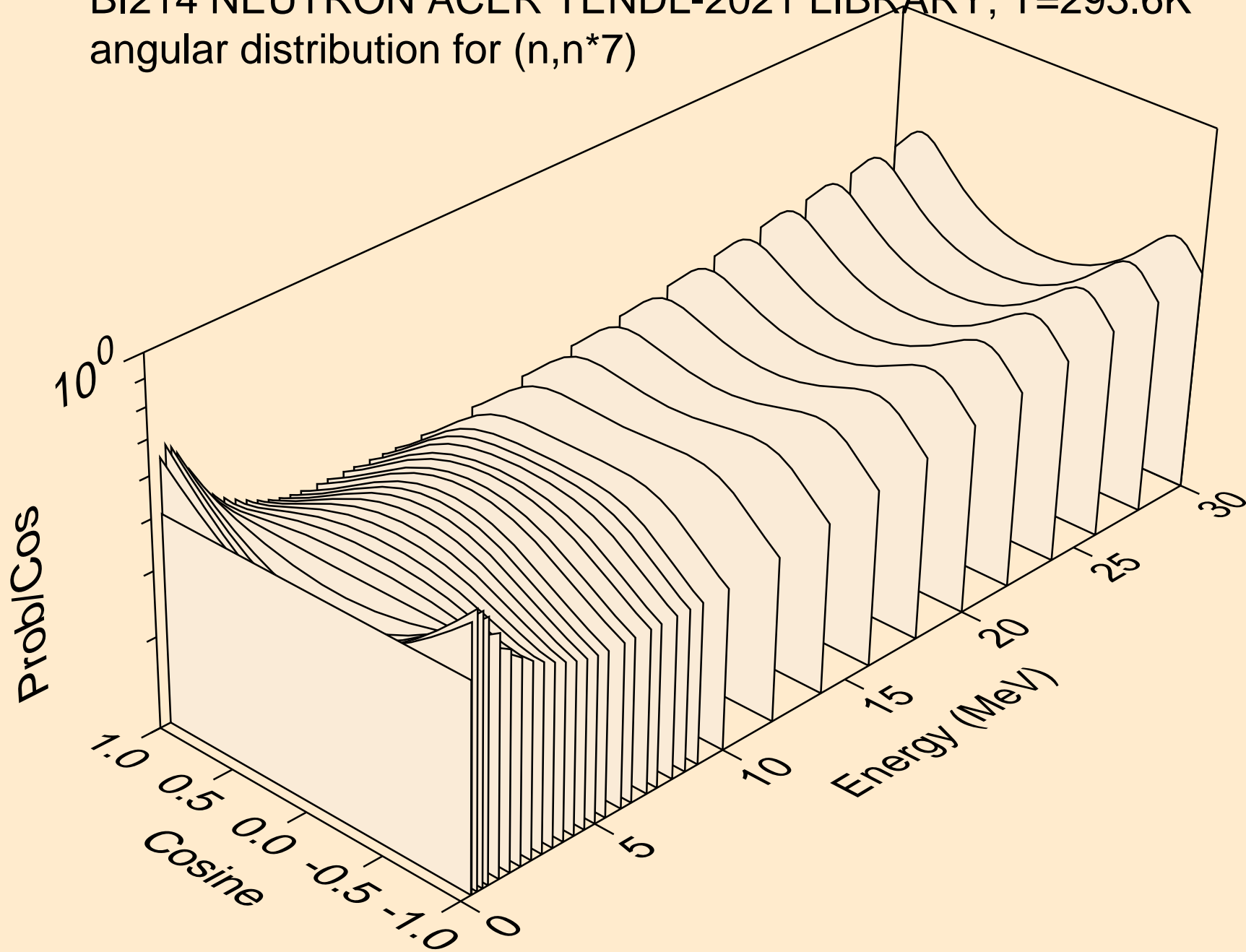
BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*5)



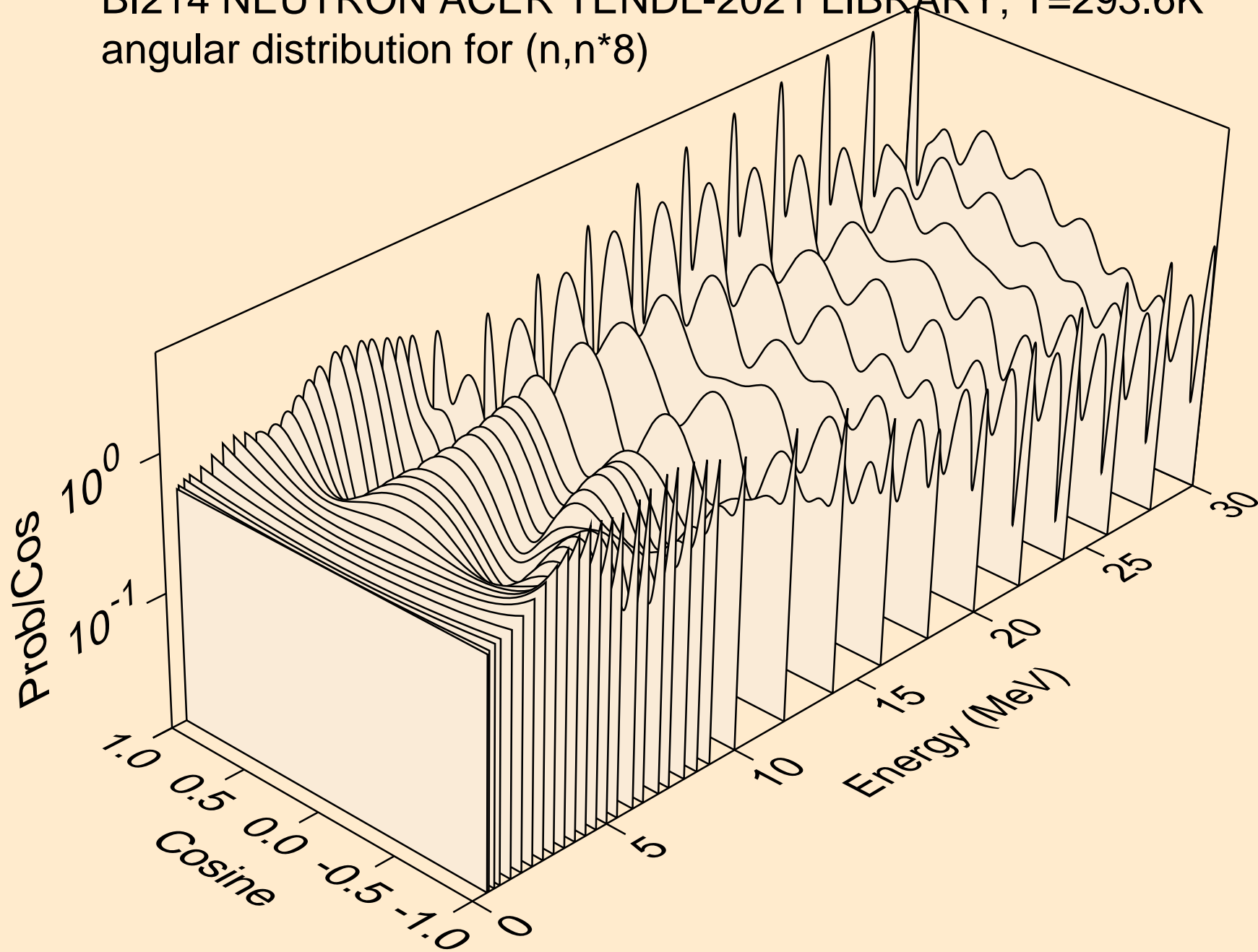
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angular distribution for (n,n\*6)



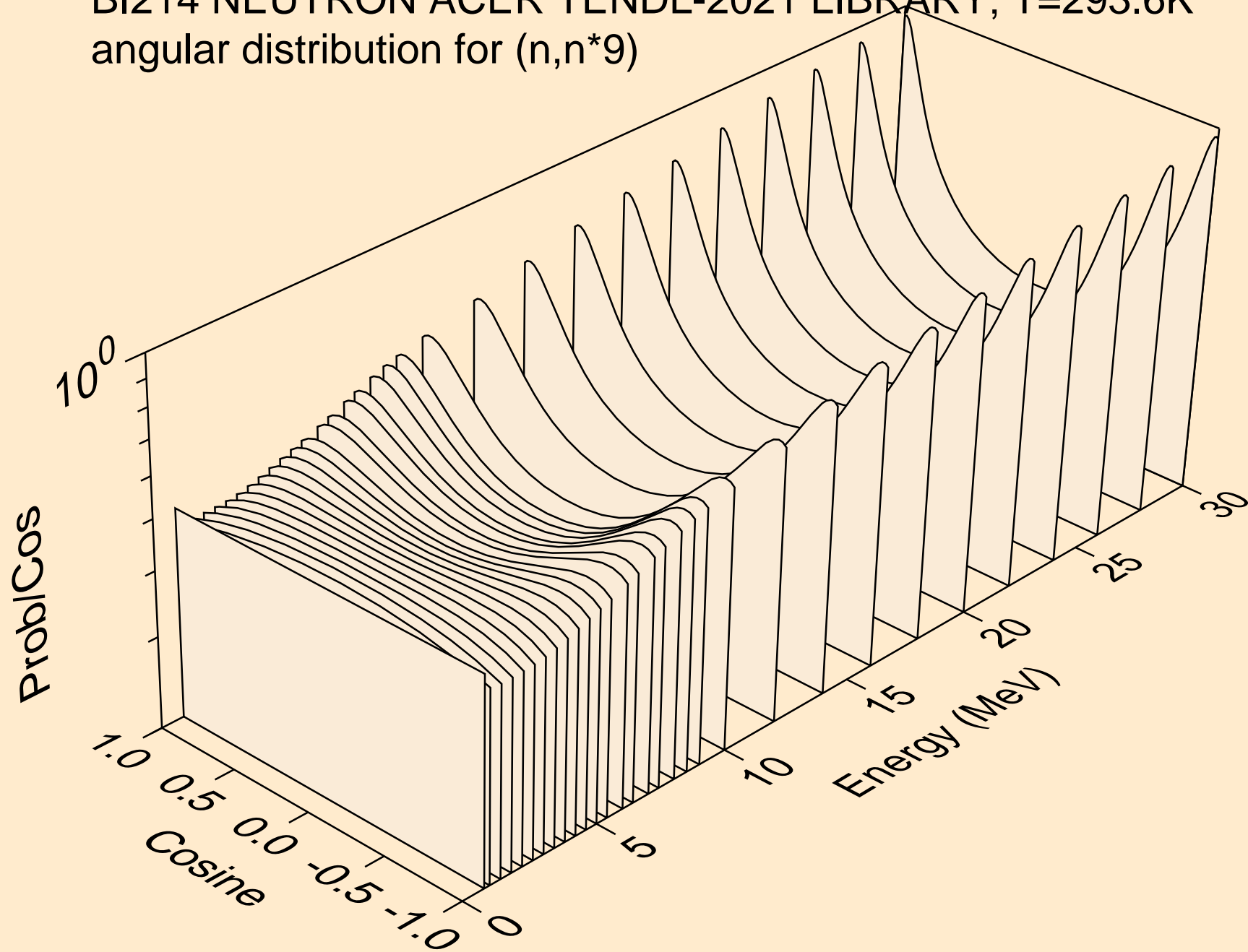
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angular distribution for (n,n\*7)



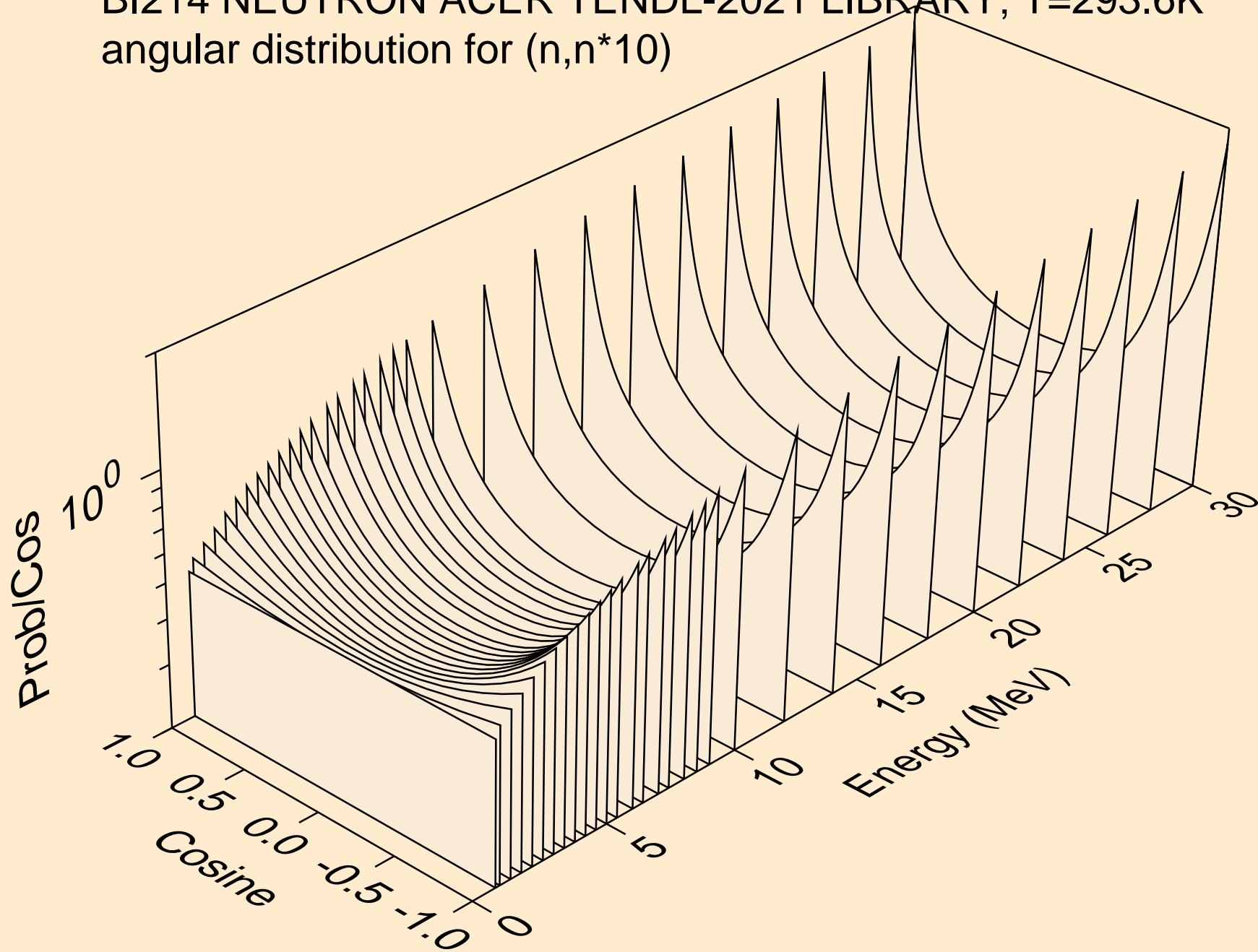
BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*8)



BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*9)

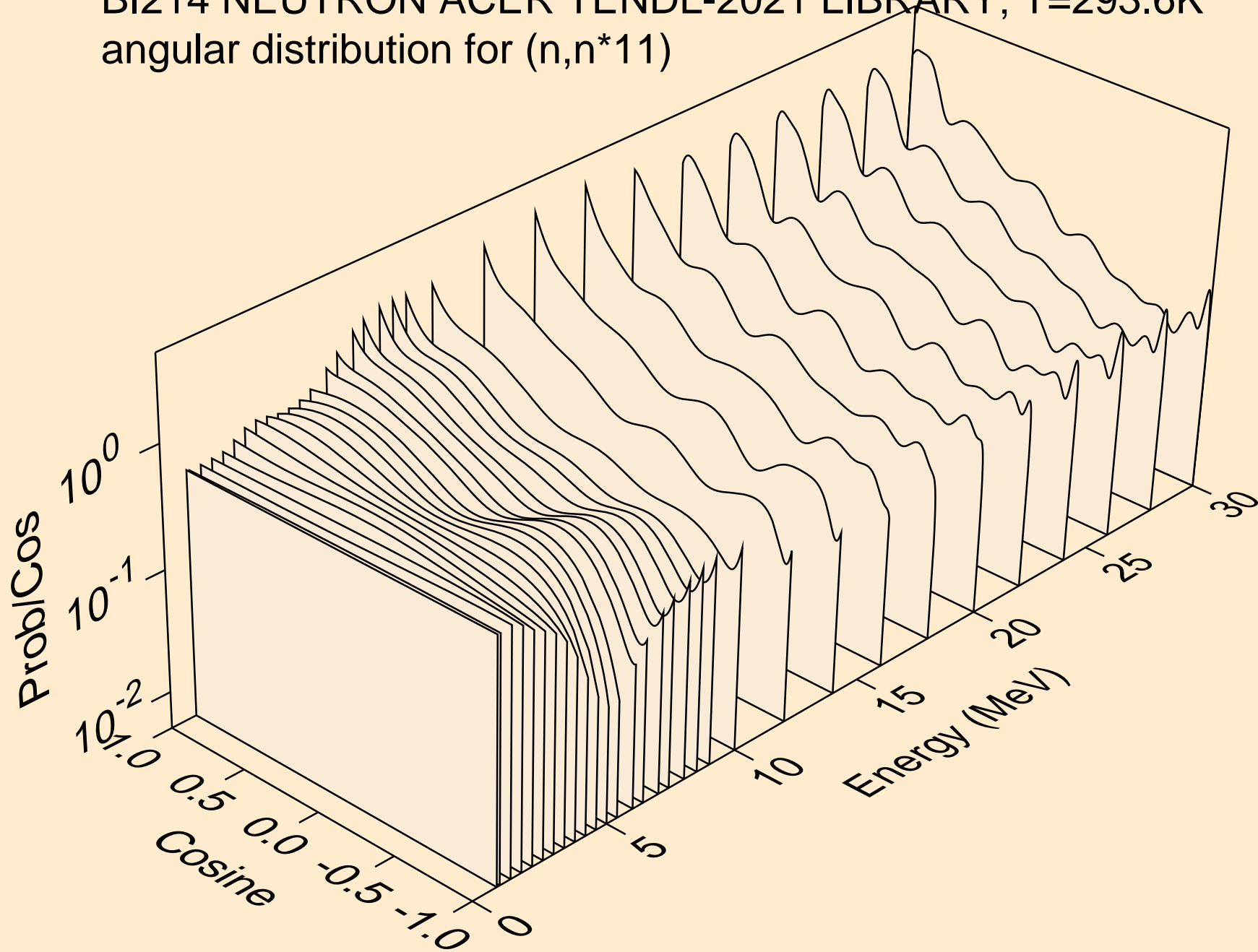


BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*10)

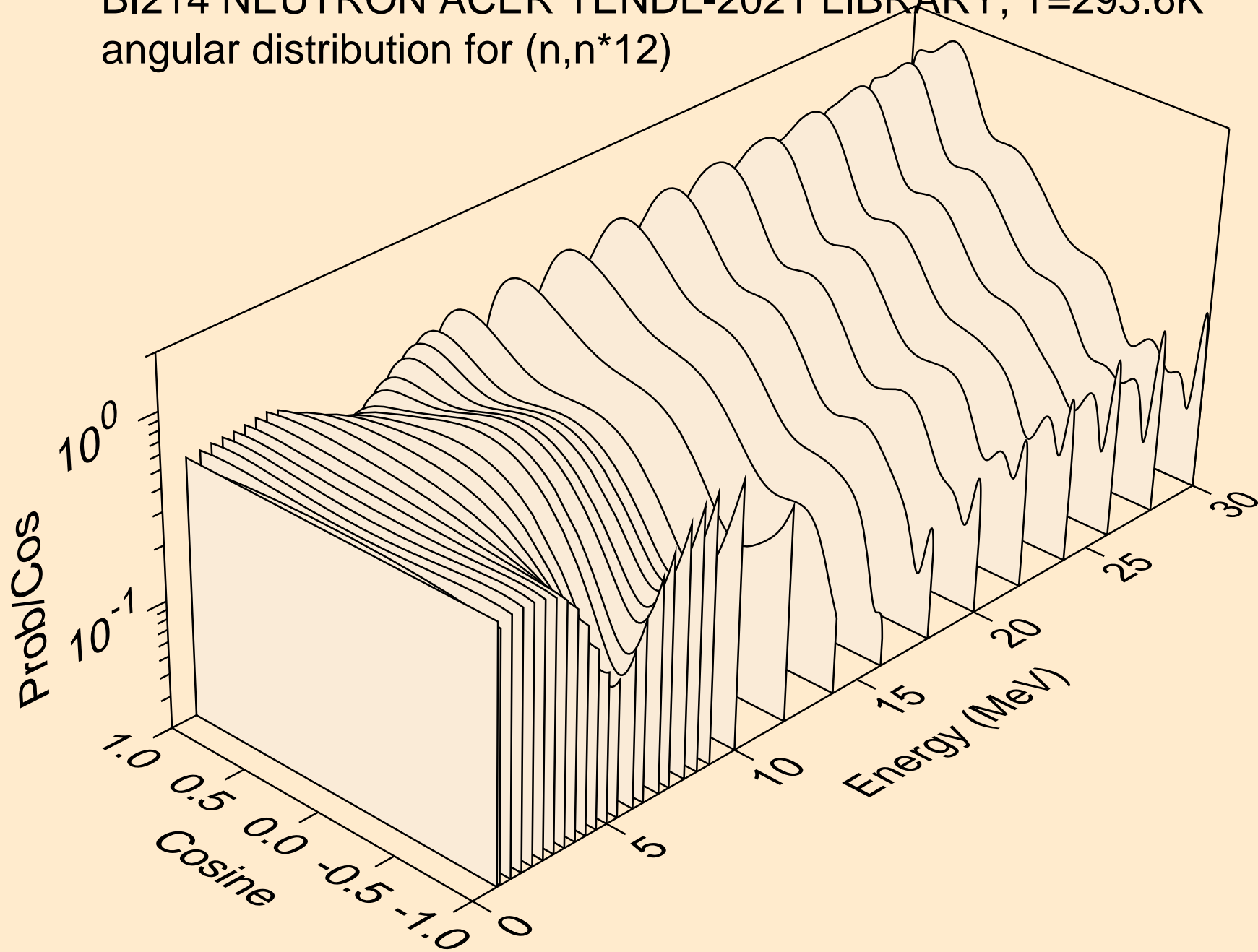




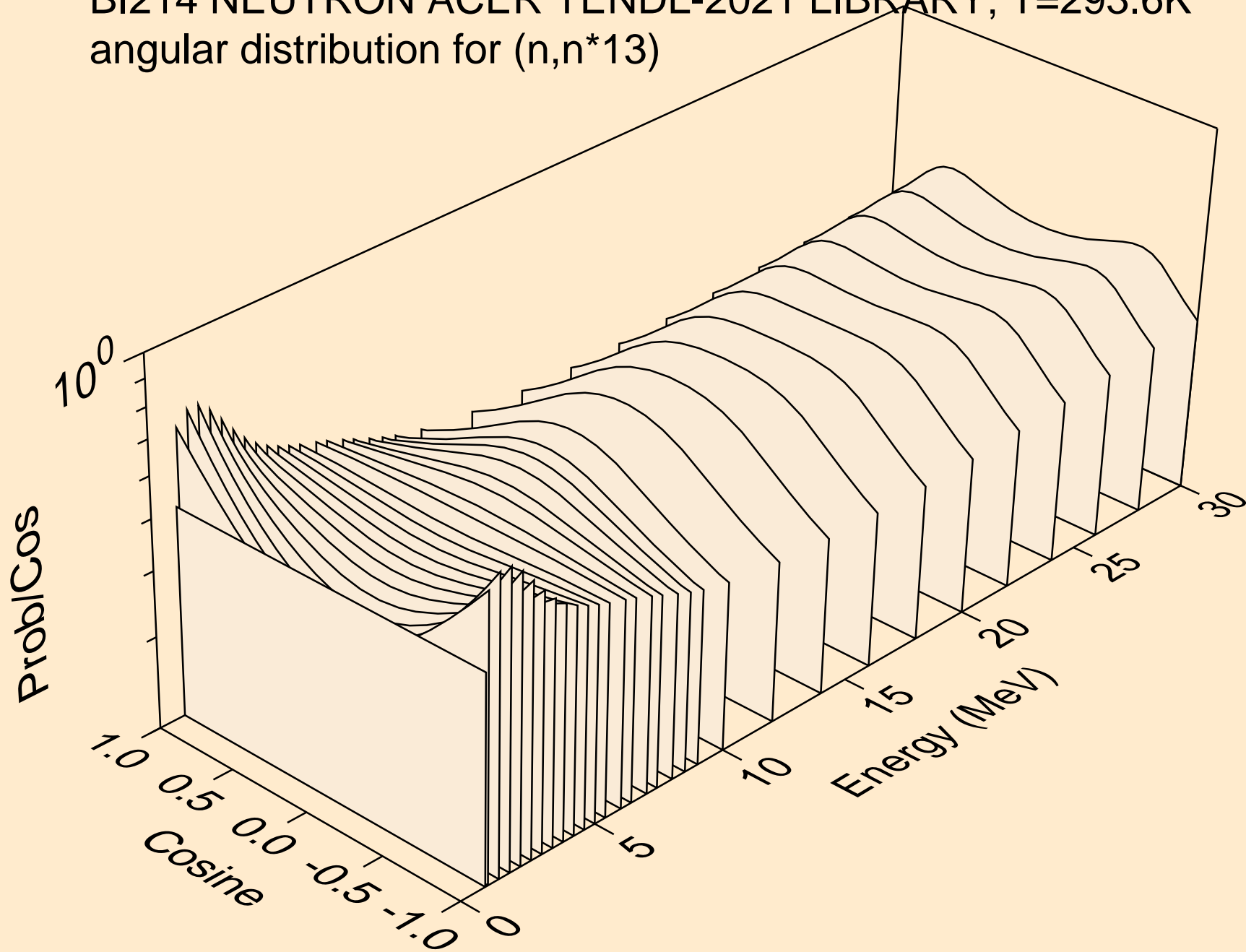
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angular distribution for (n,n\*11)



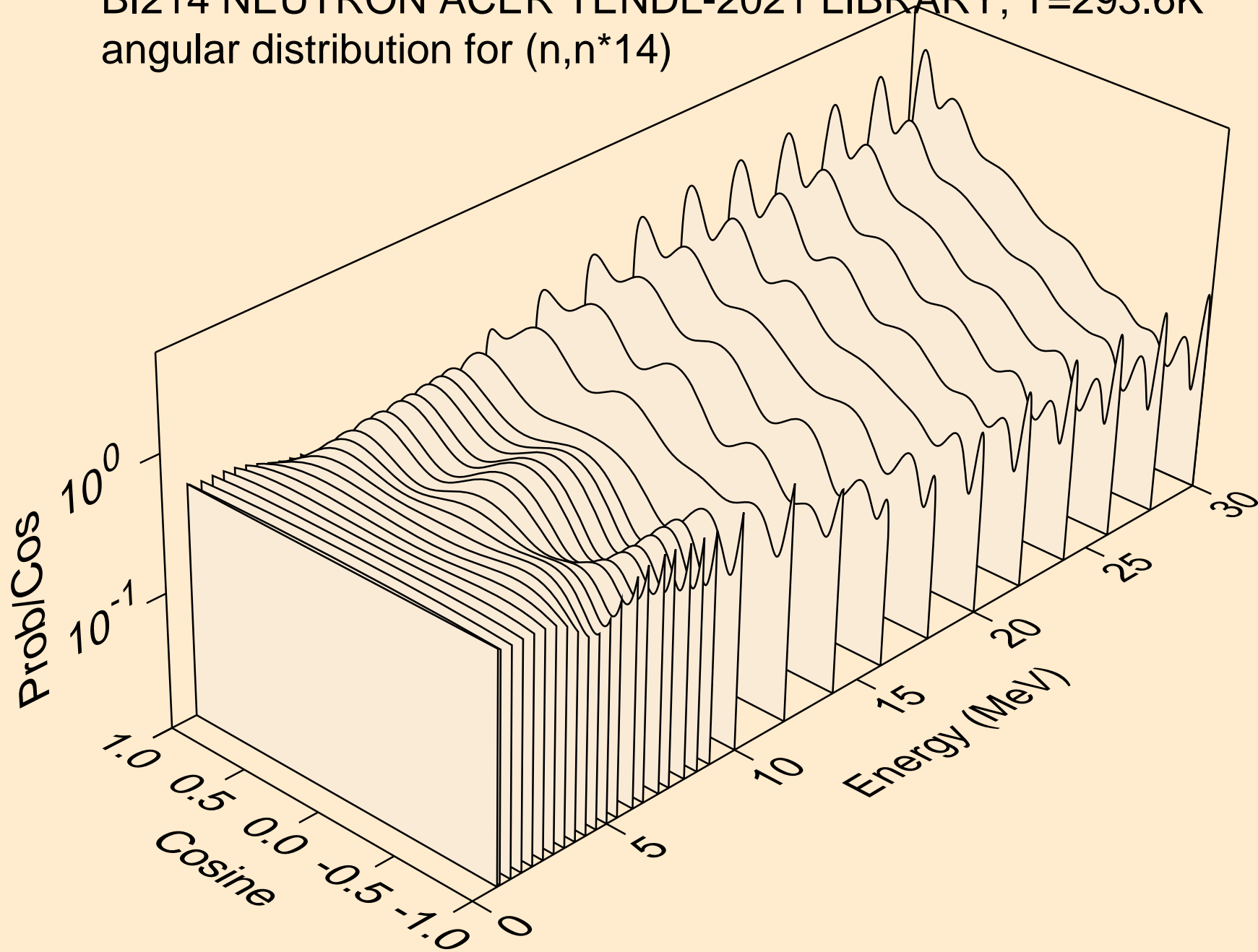
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angular distribution for (n,n\*12)



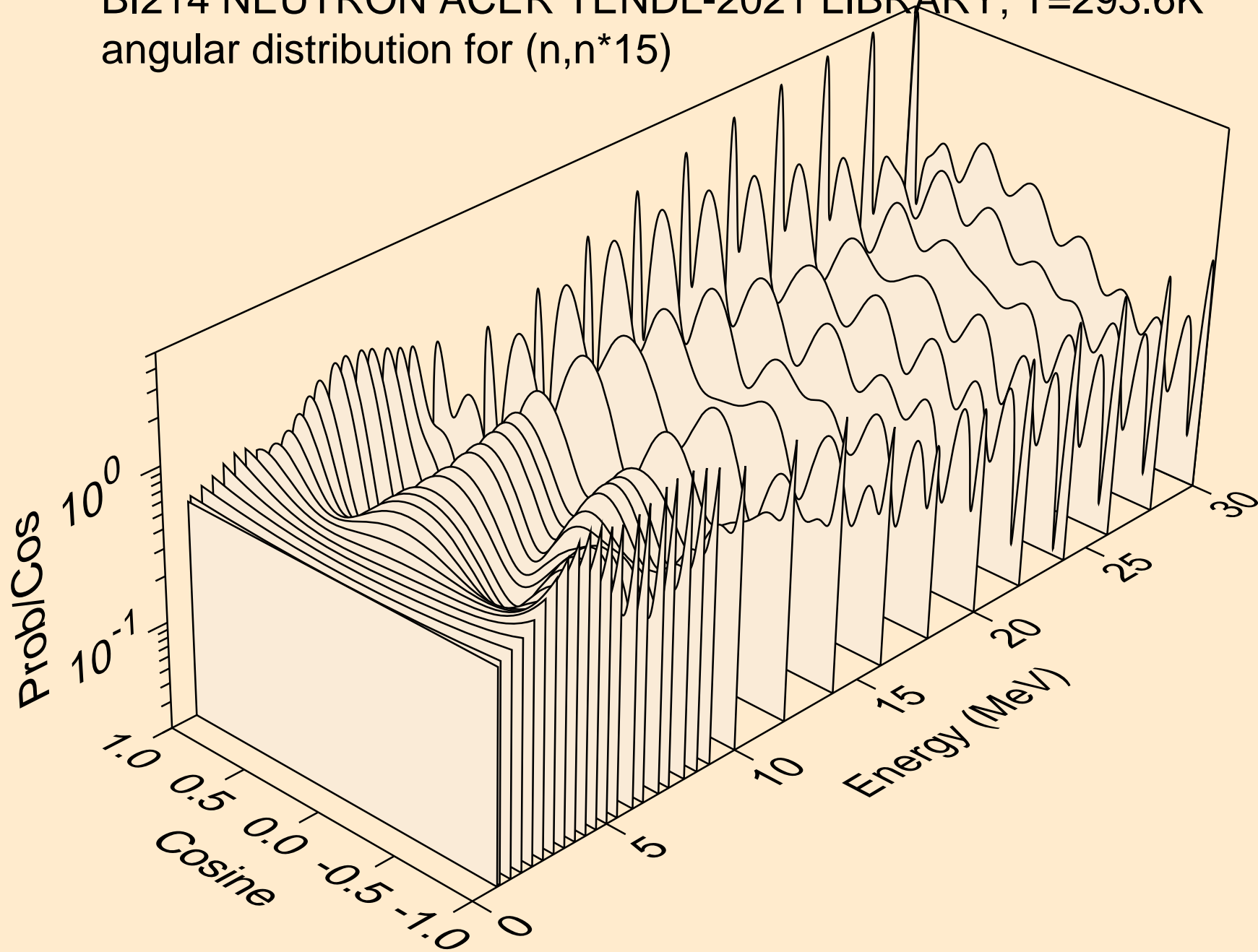
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angular distribution for (n,n\*13)



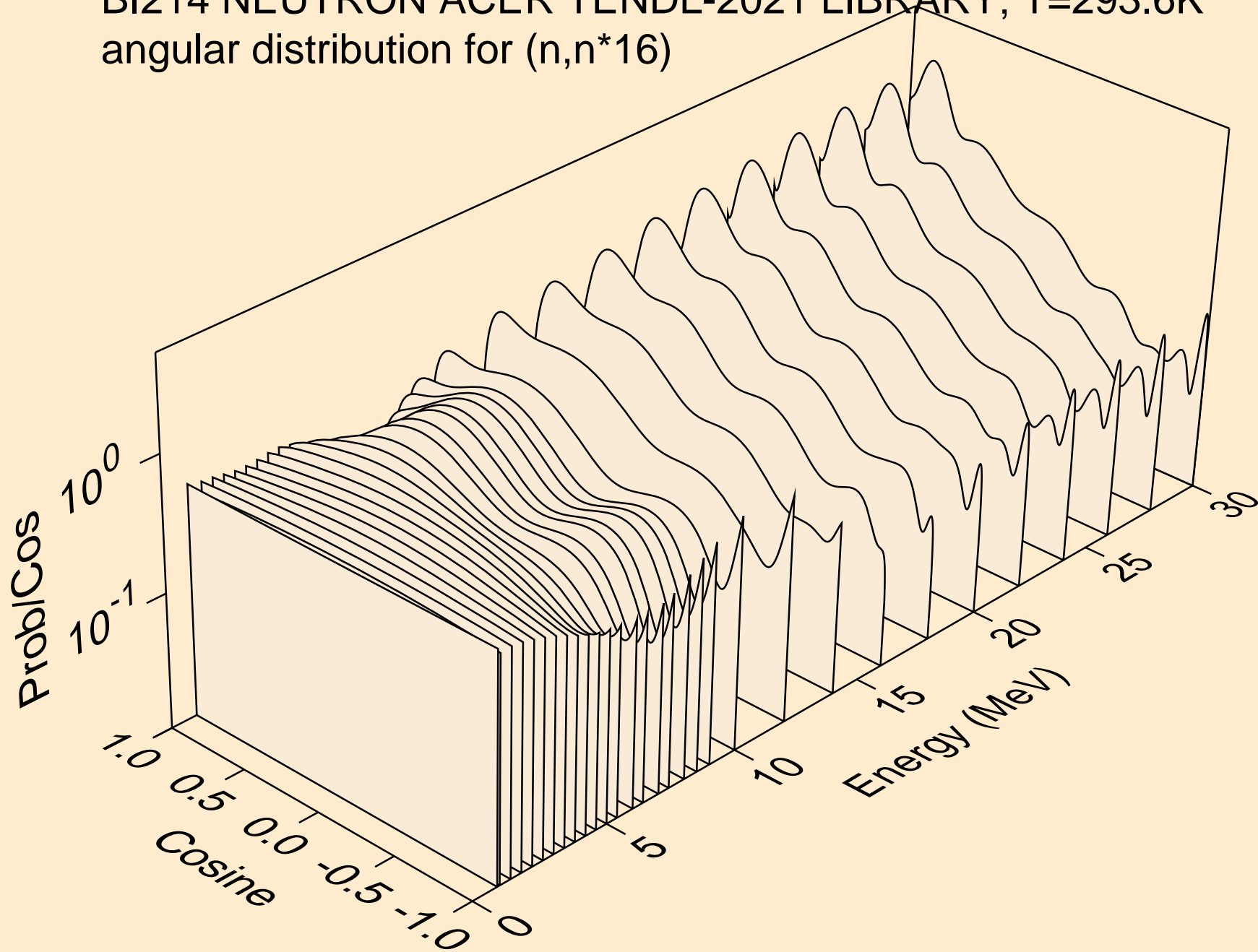
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angular distribution for (n,n\*14)



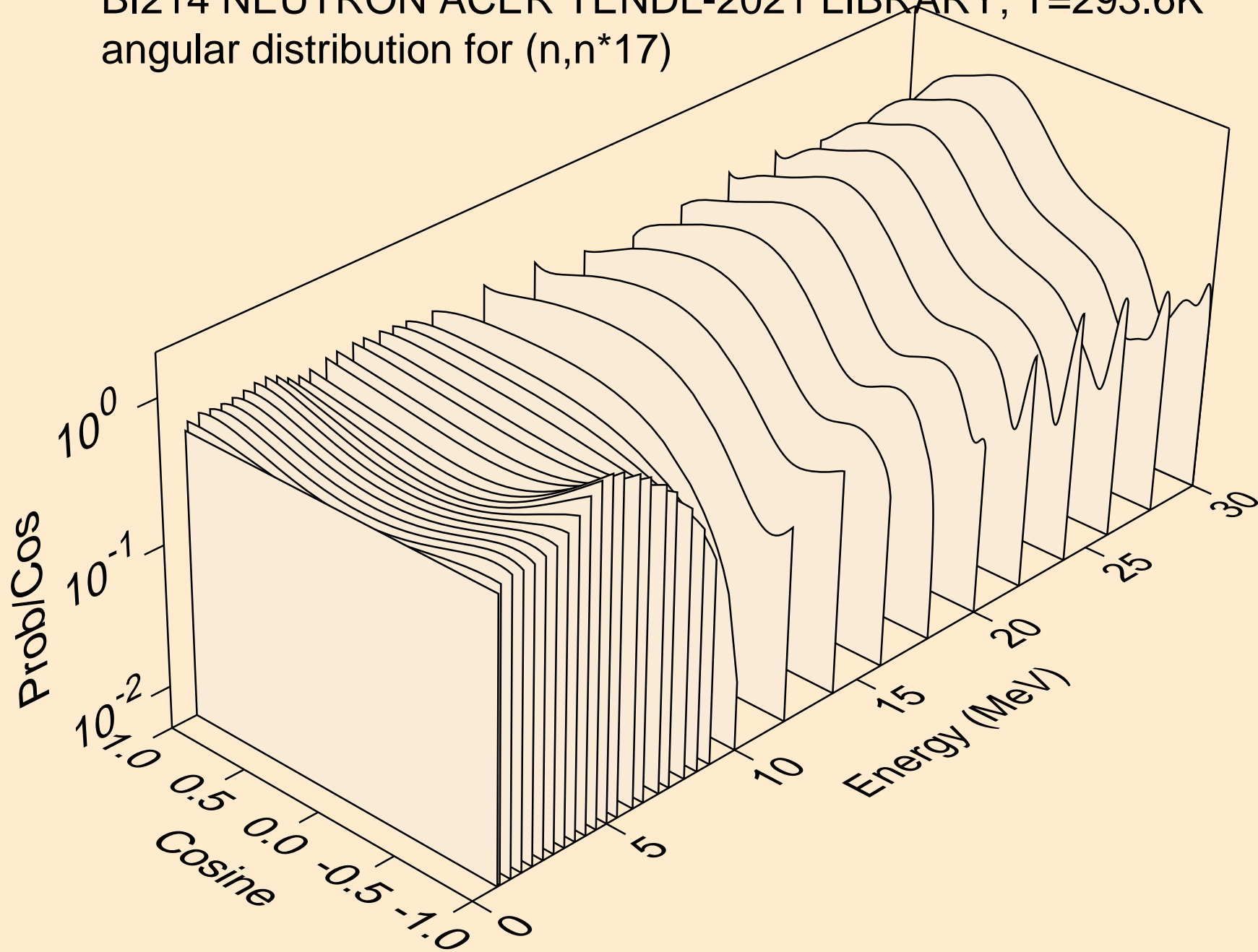
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angular distribution for (n,n\*15)



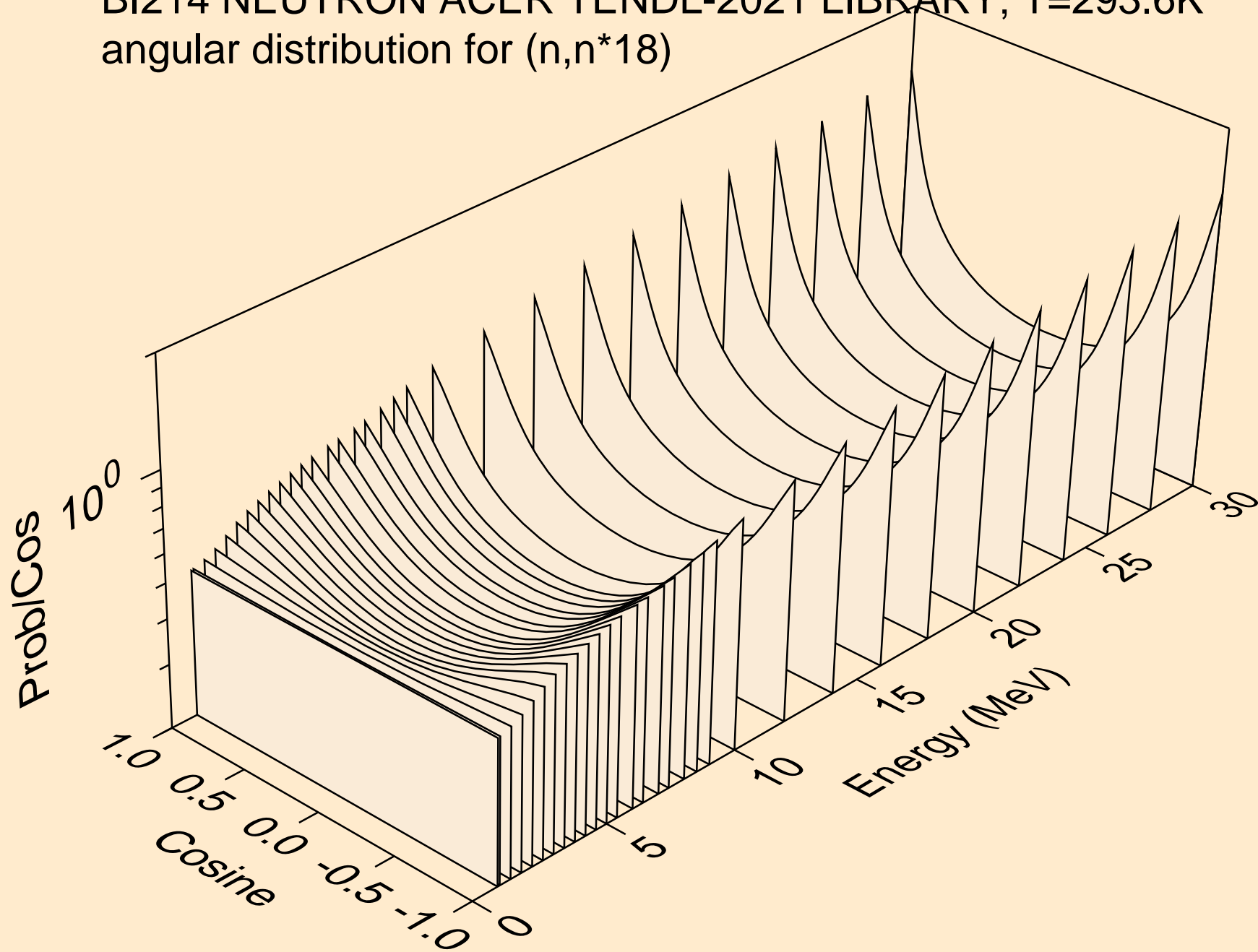
BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*16)



BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*17)

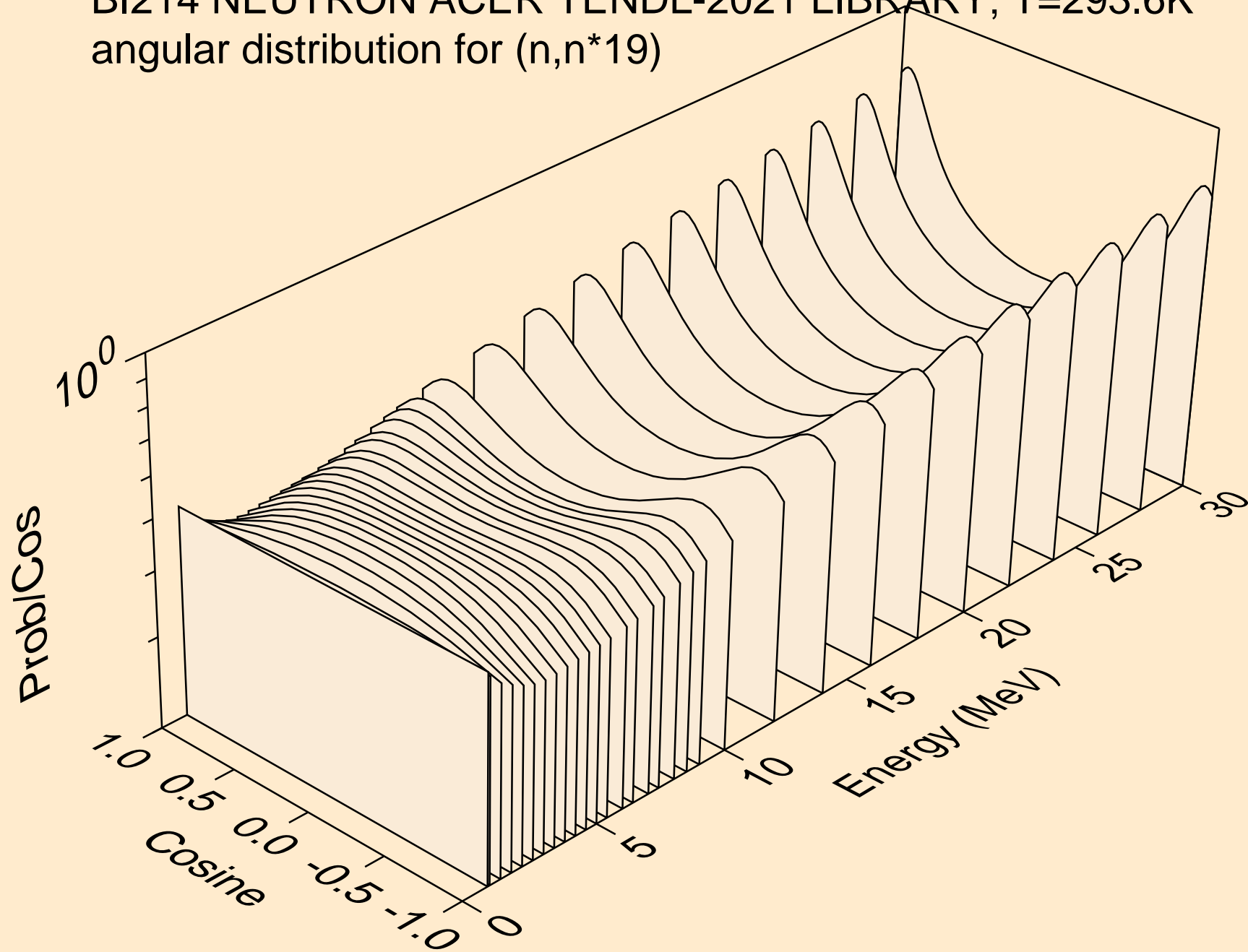


BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*18)

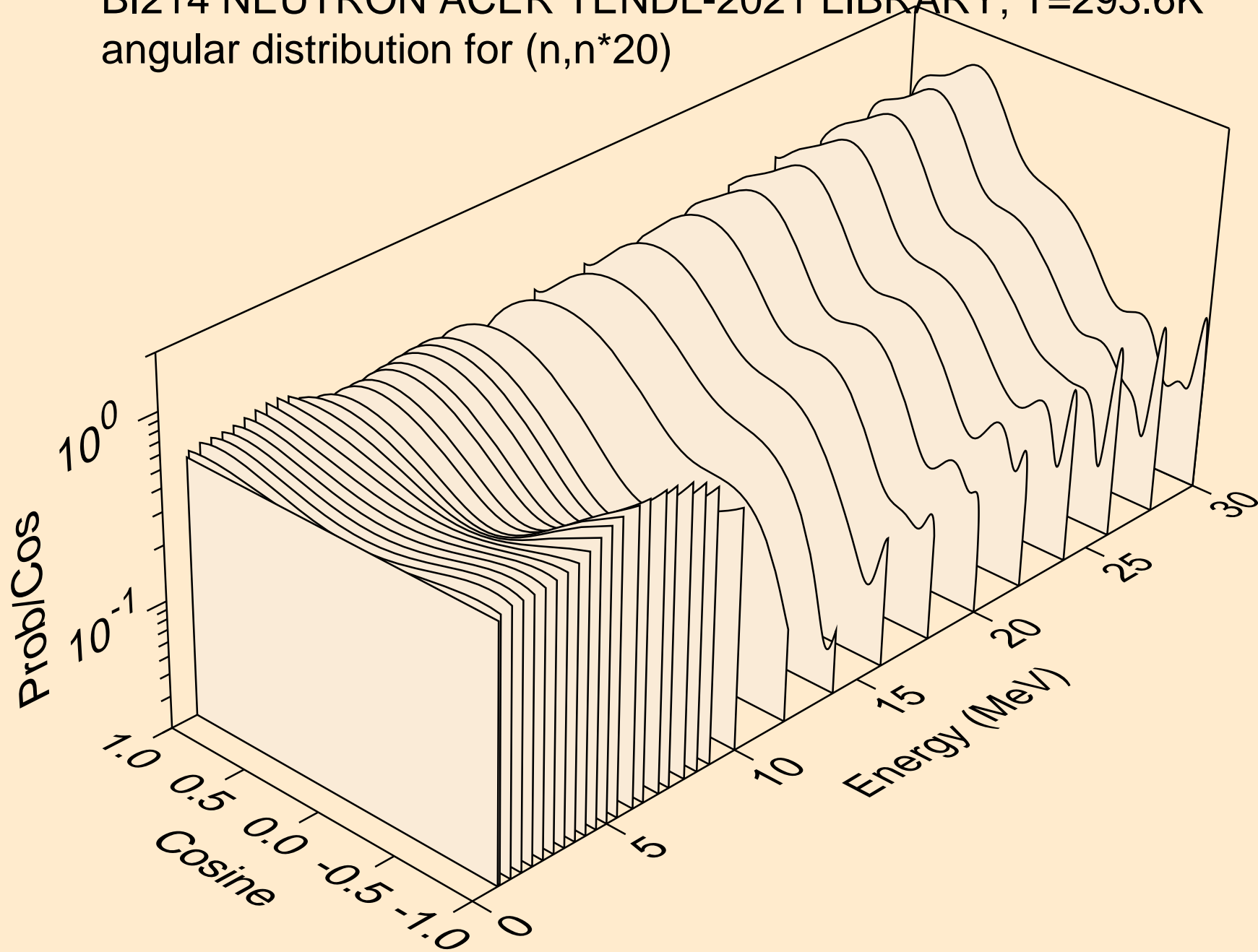




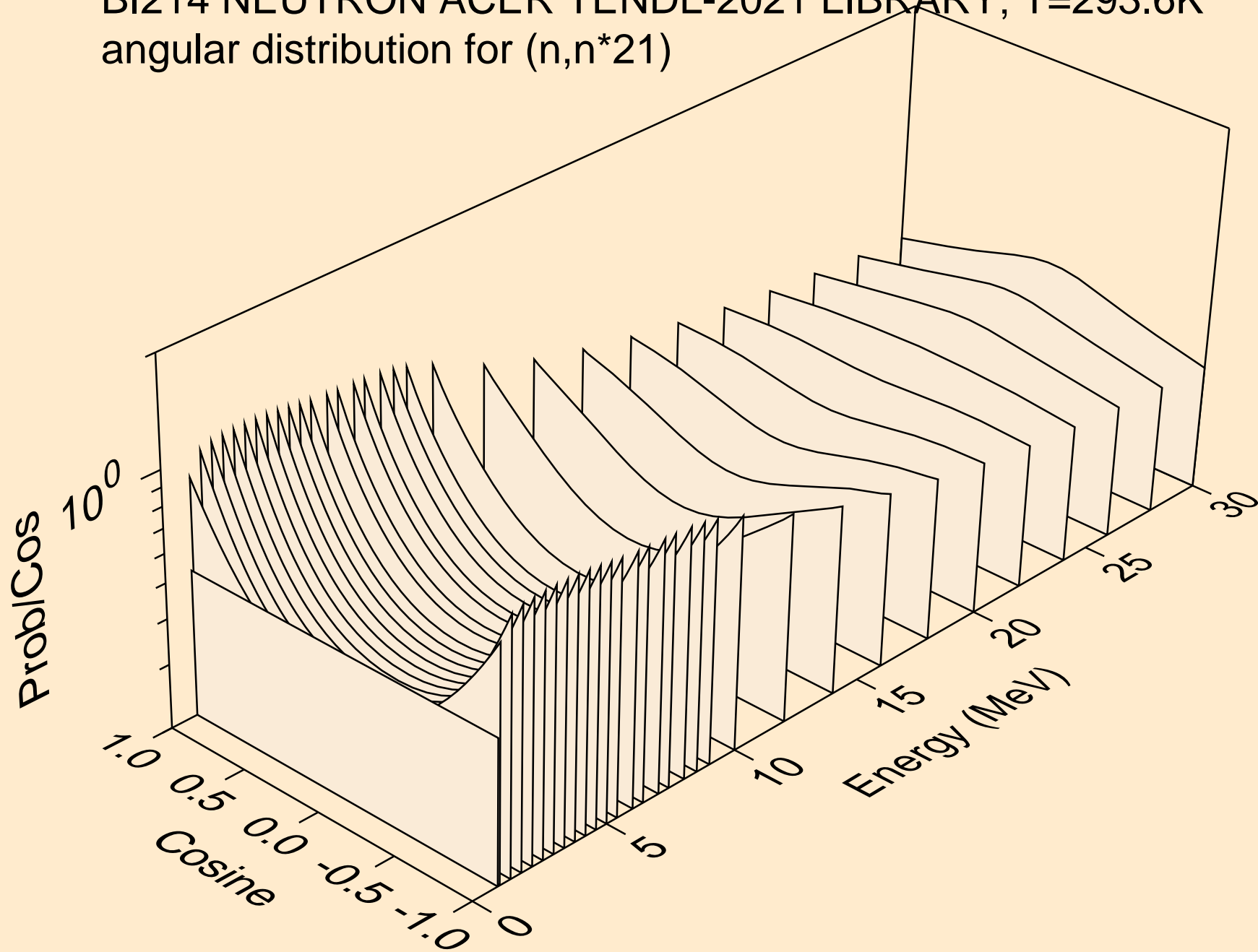
BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*19)



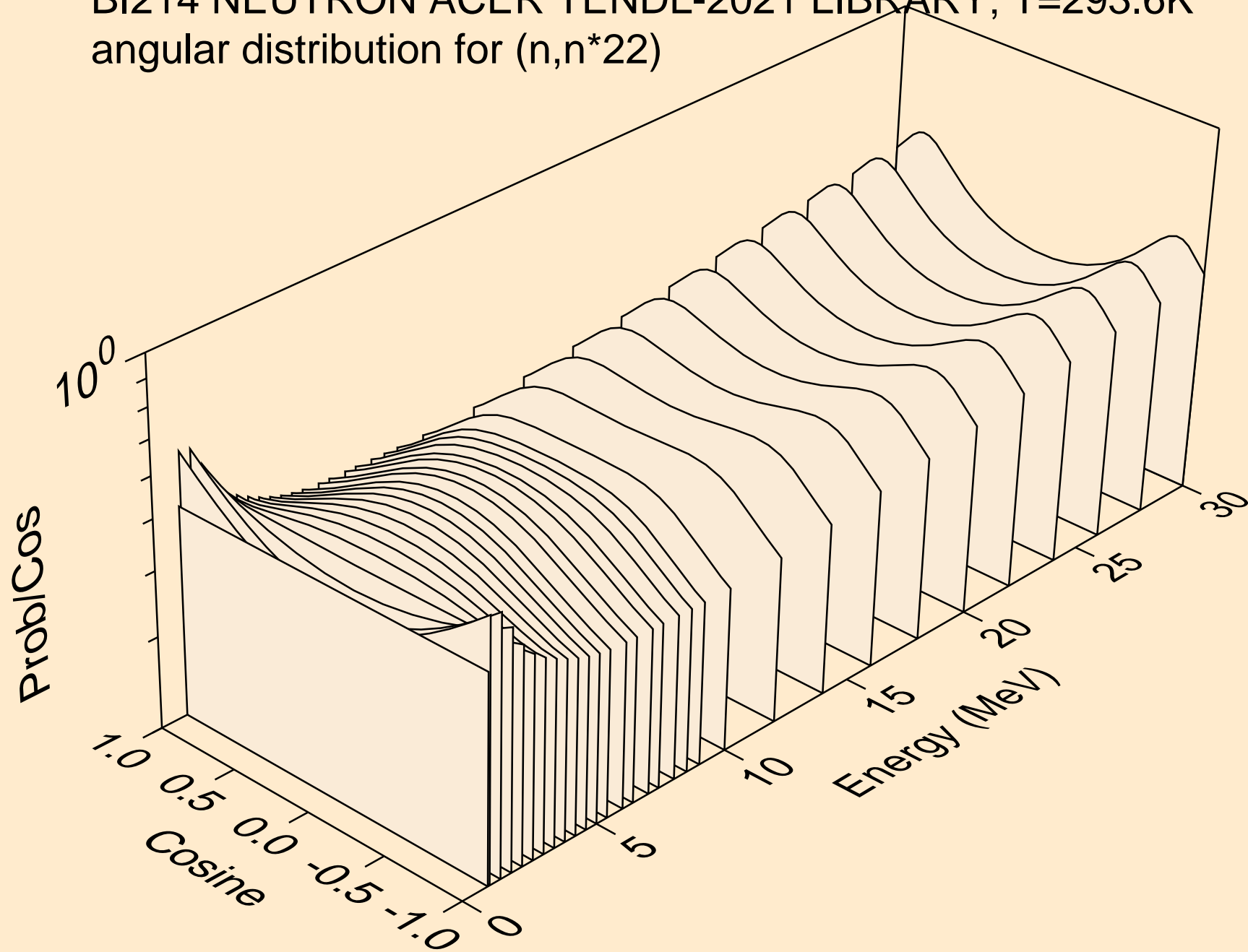
BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*20)



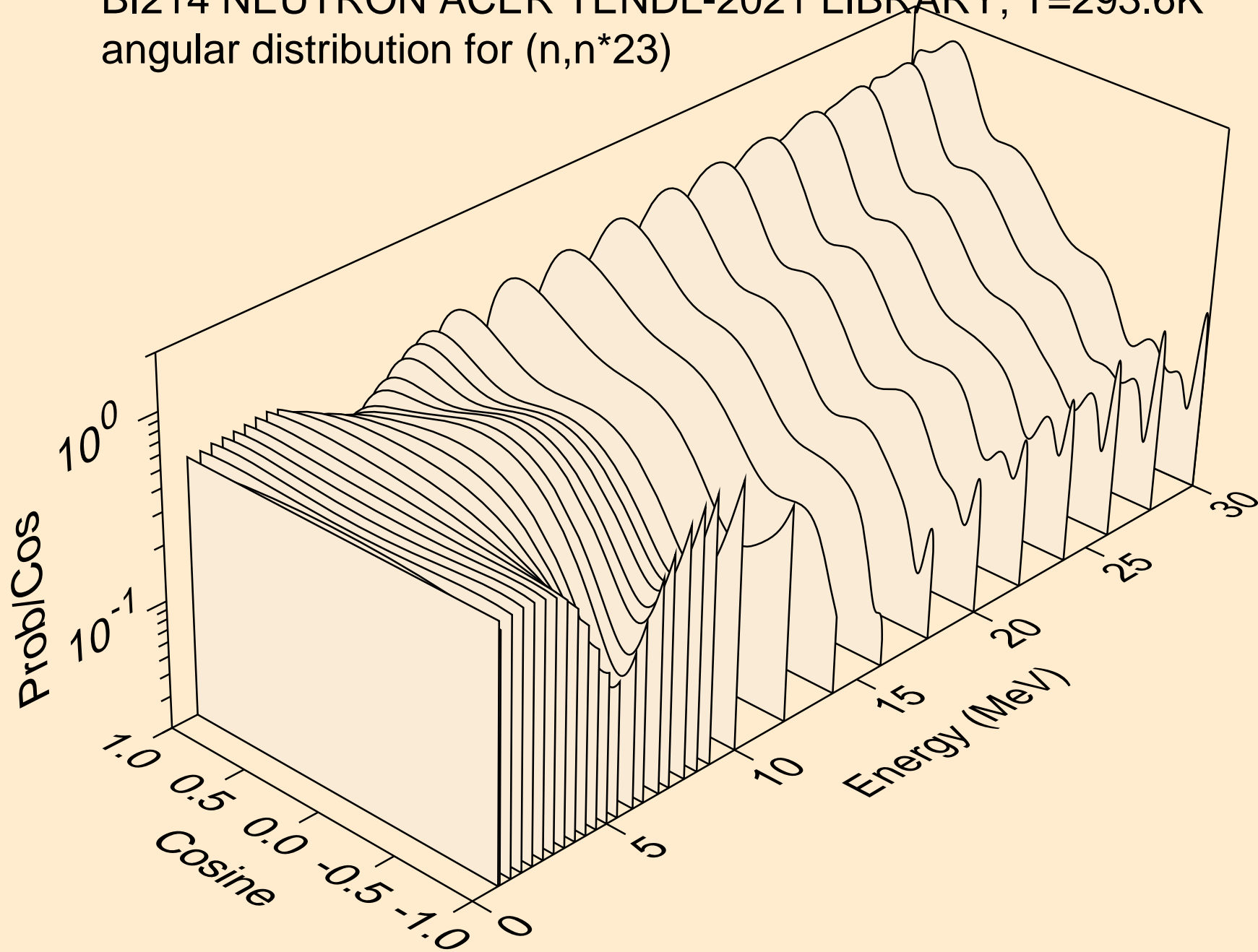
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angular distribution for (n,n\*21)



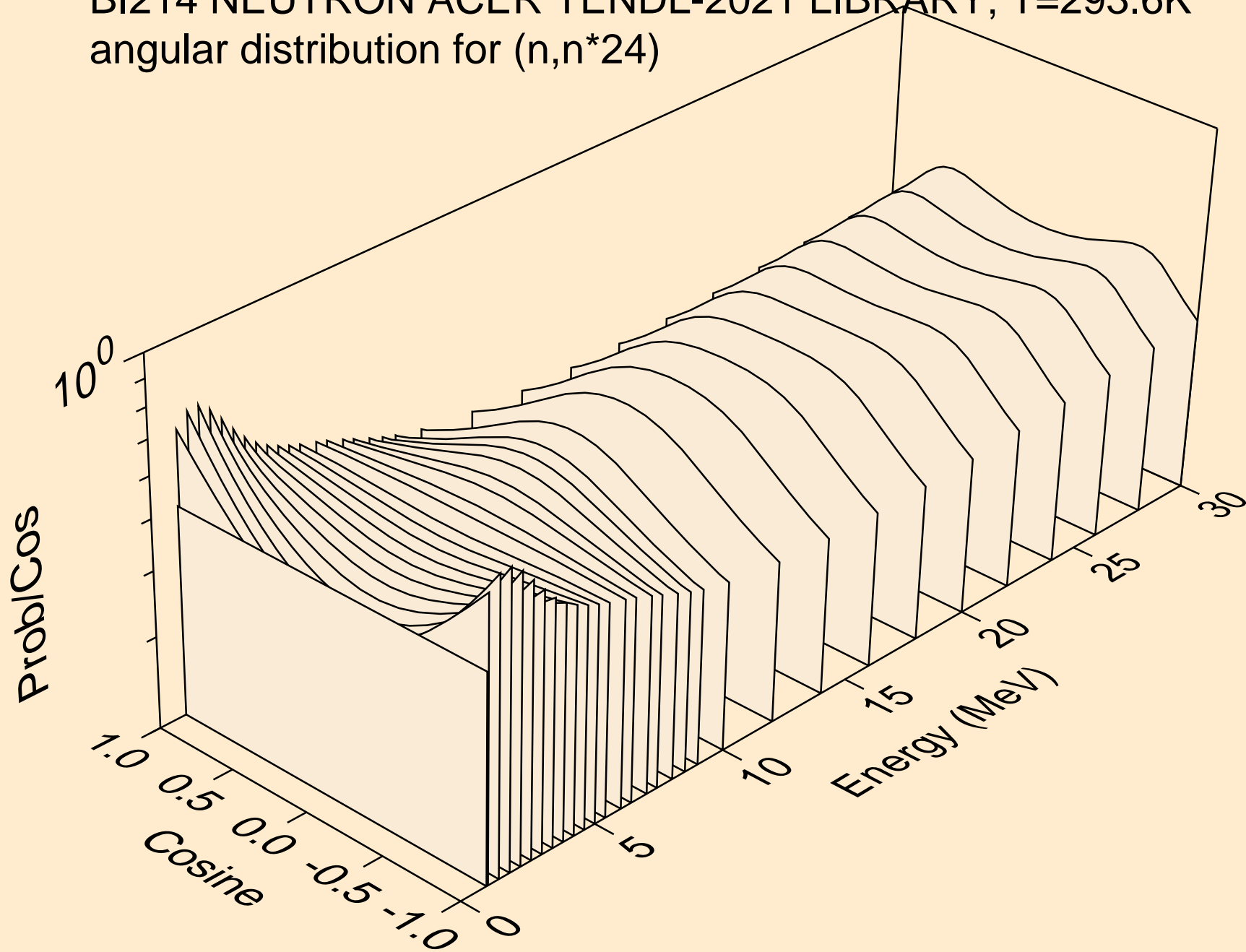
BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*22)



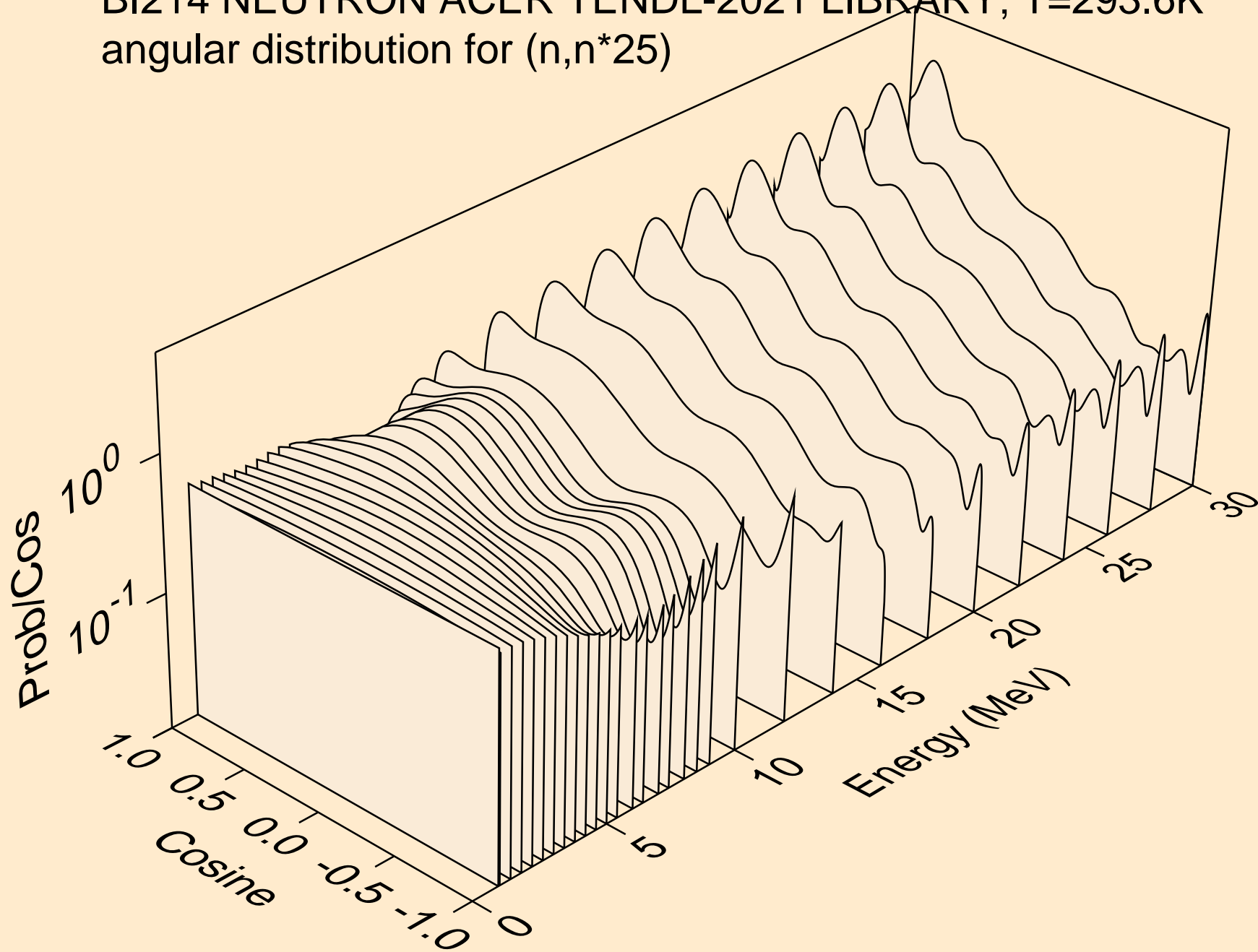
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angular distribution for (n,n\*23)



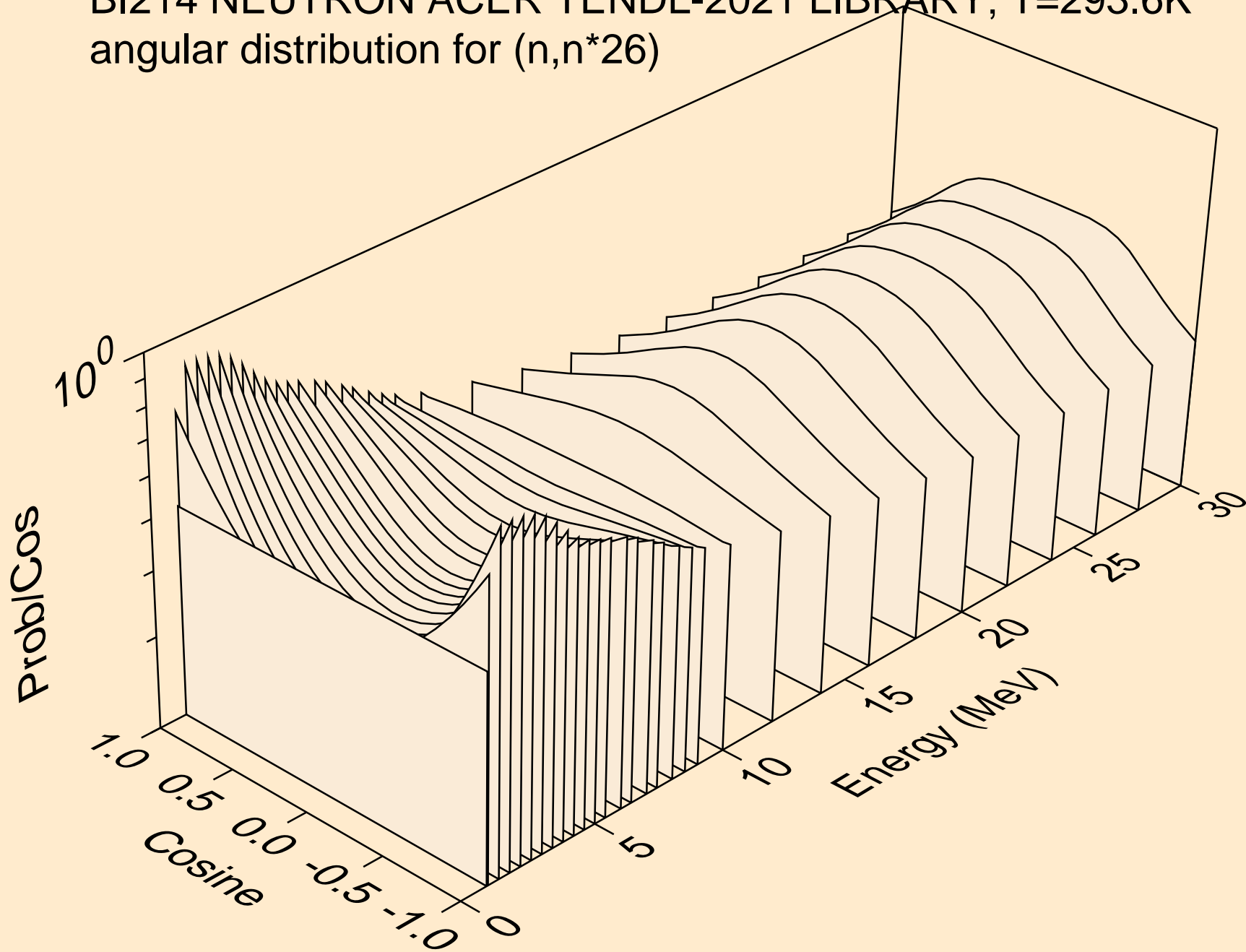
BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*24)



BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*25)

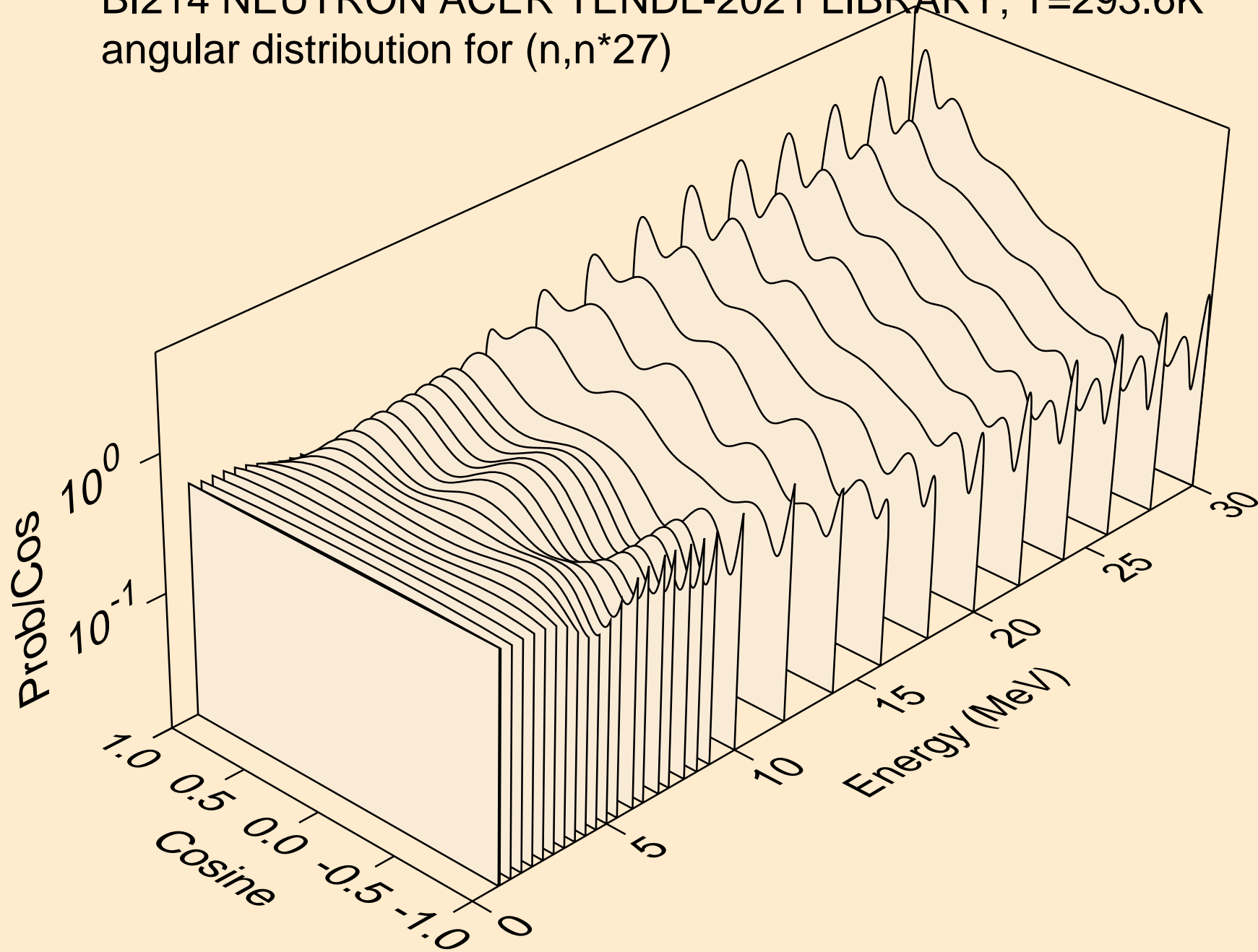


BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*26)

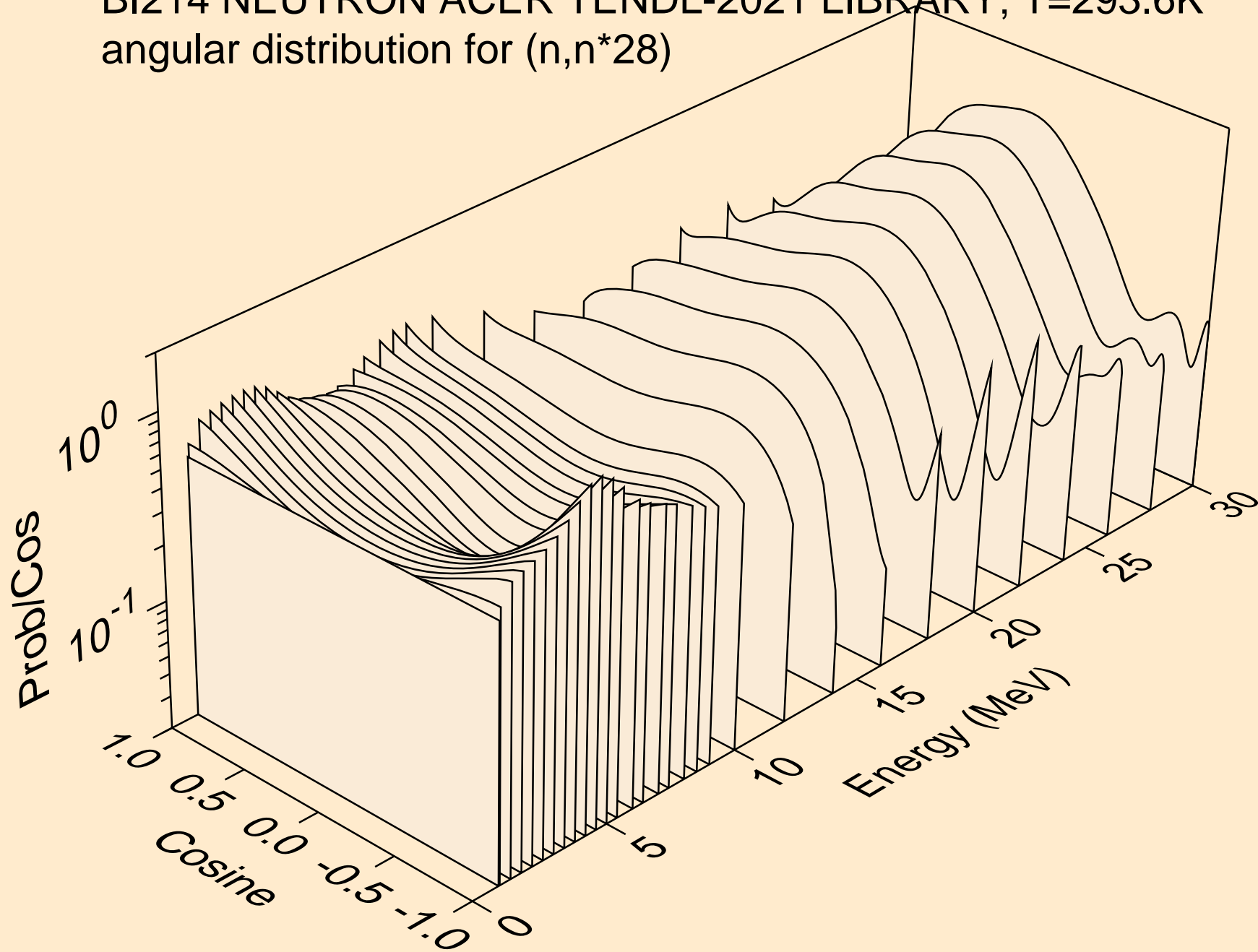




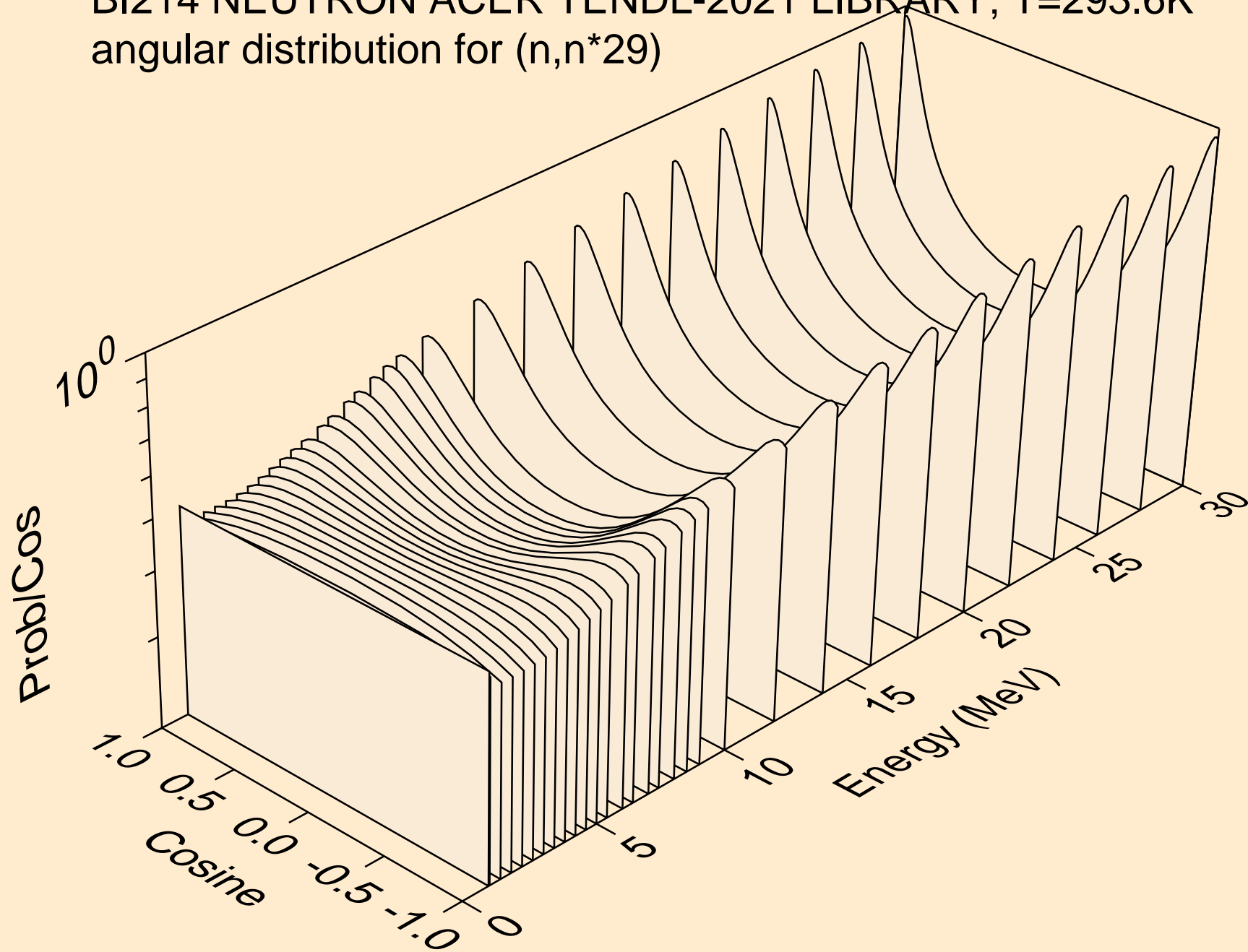
BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*27)



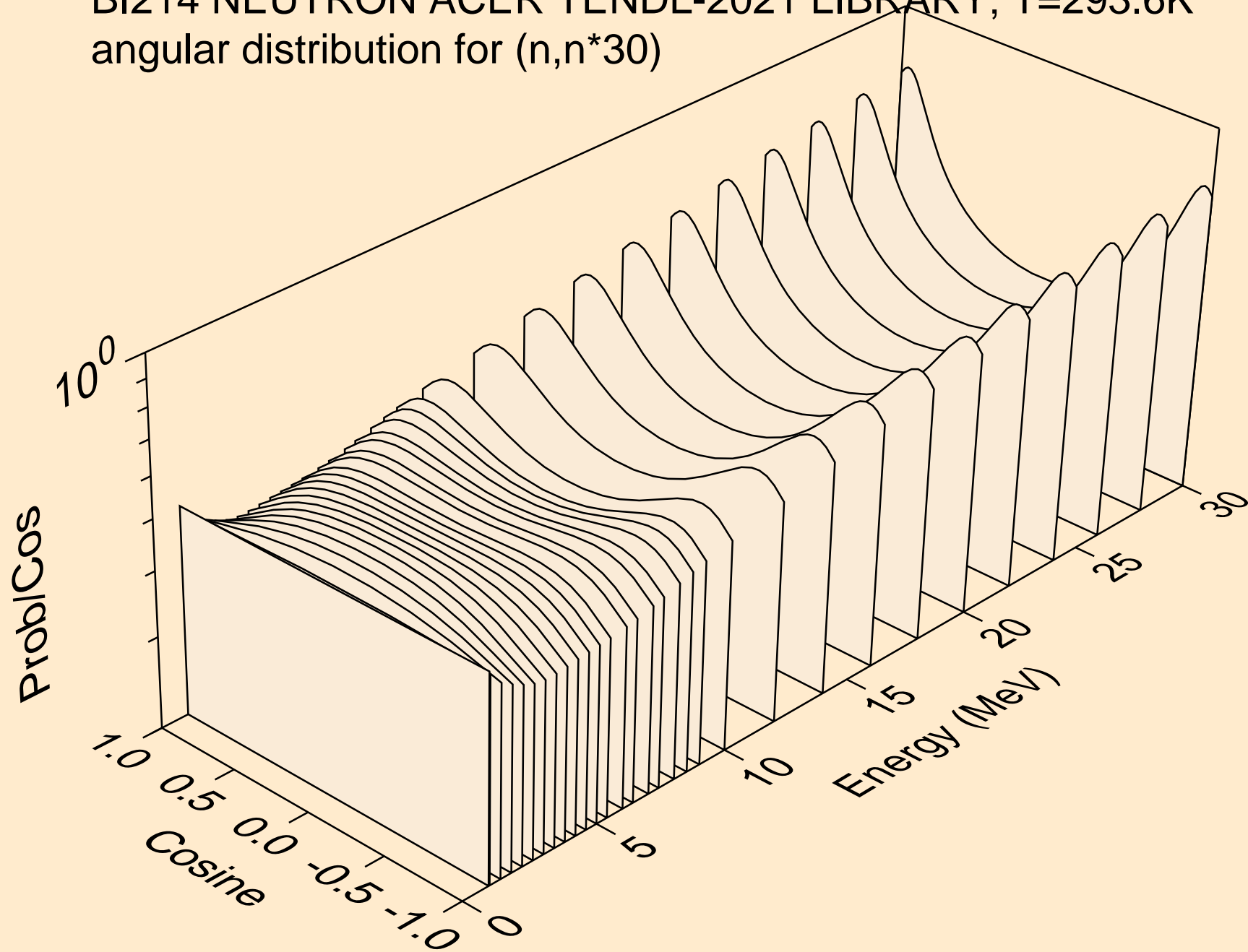
BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*28)



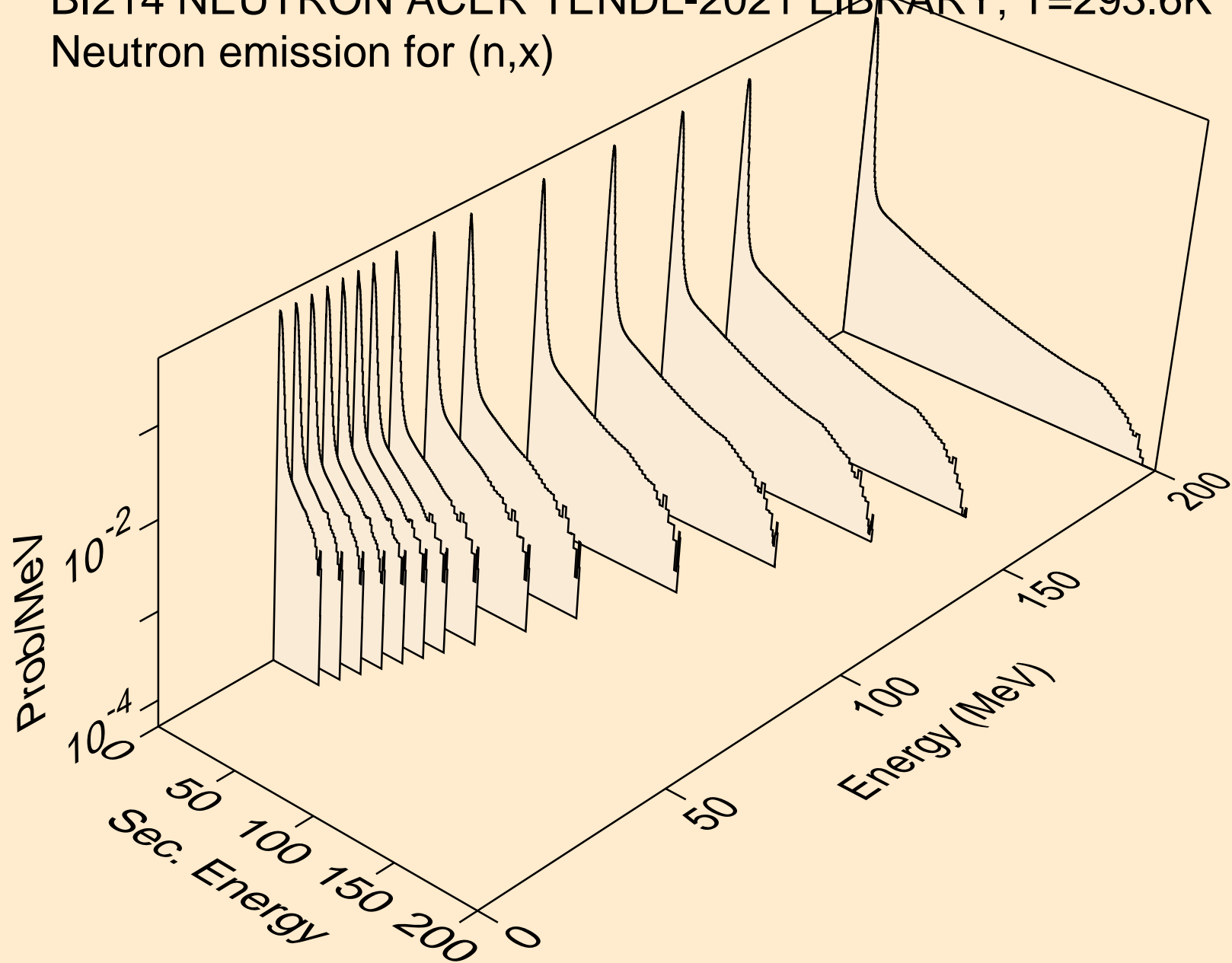
BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*29)



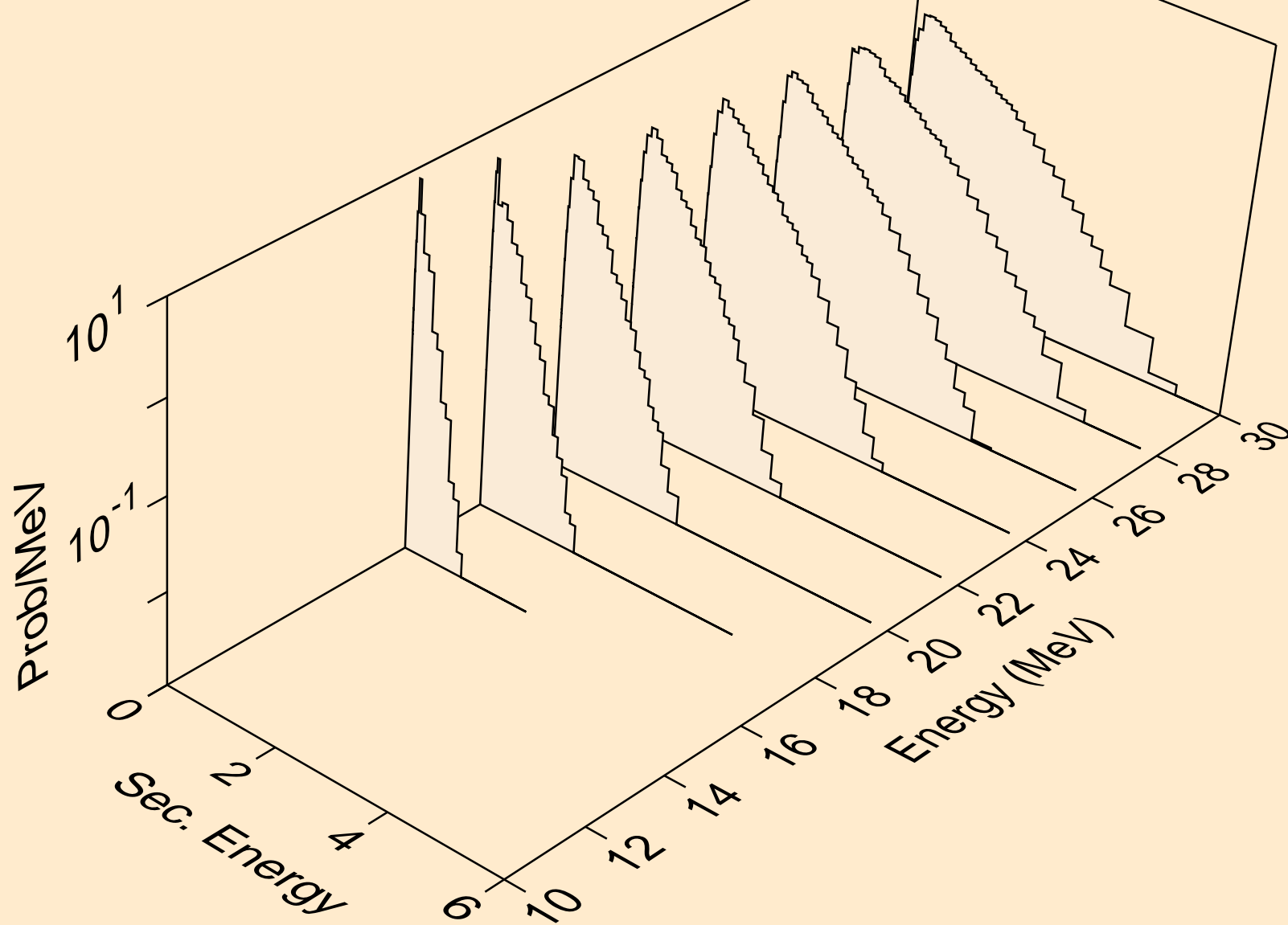
BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*30)



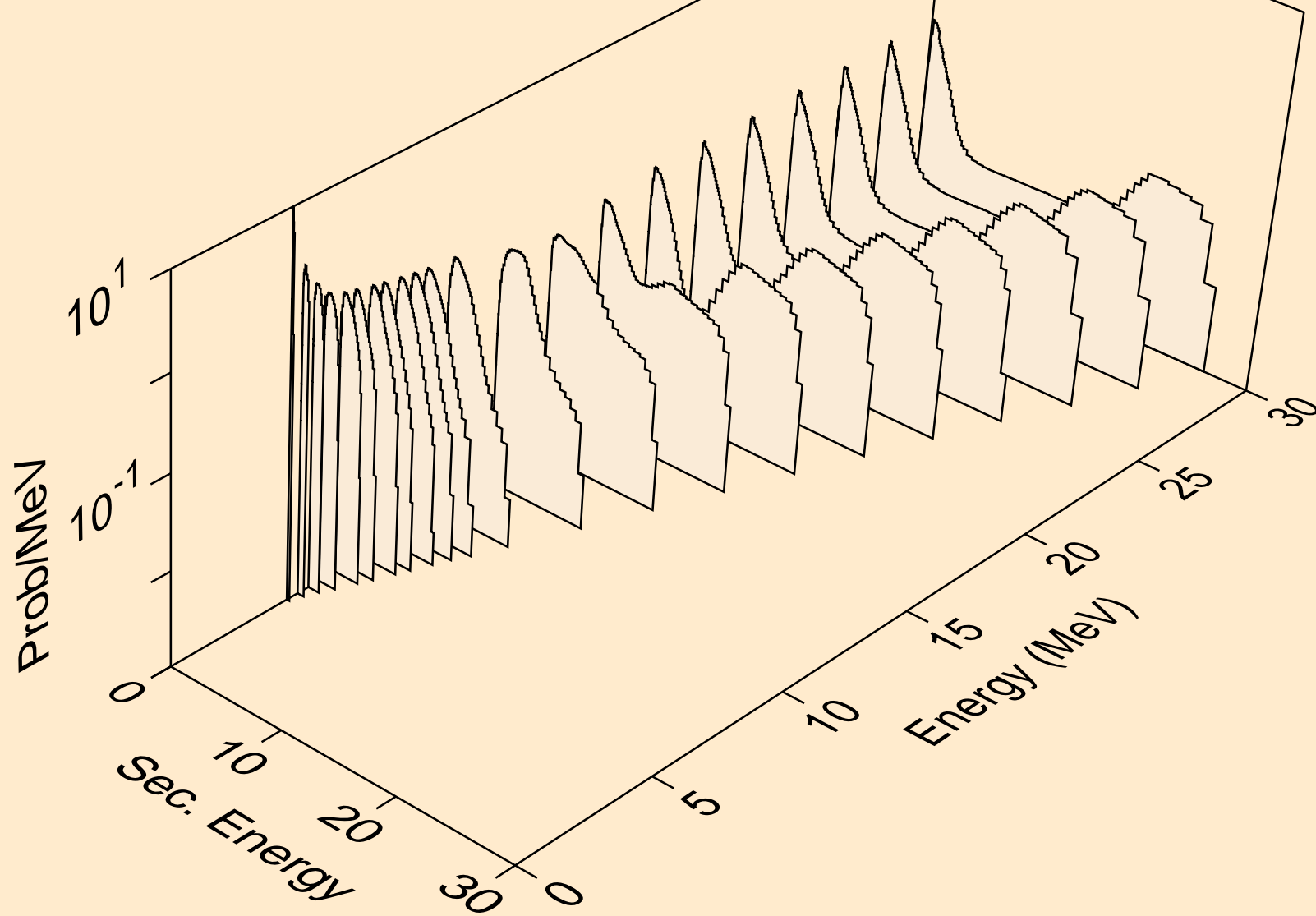
BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)



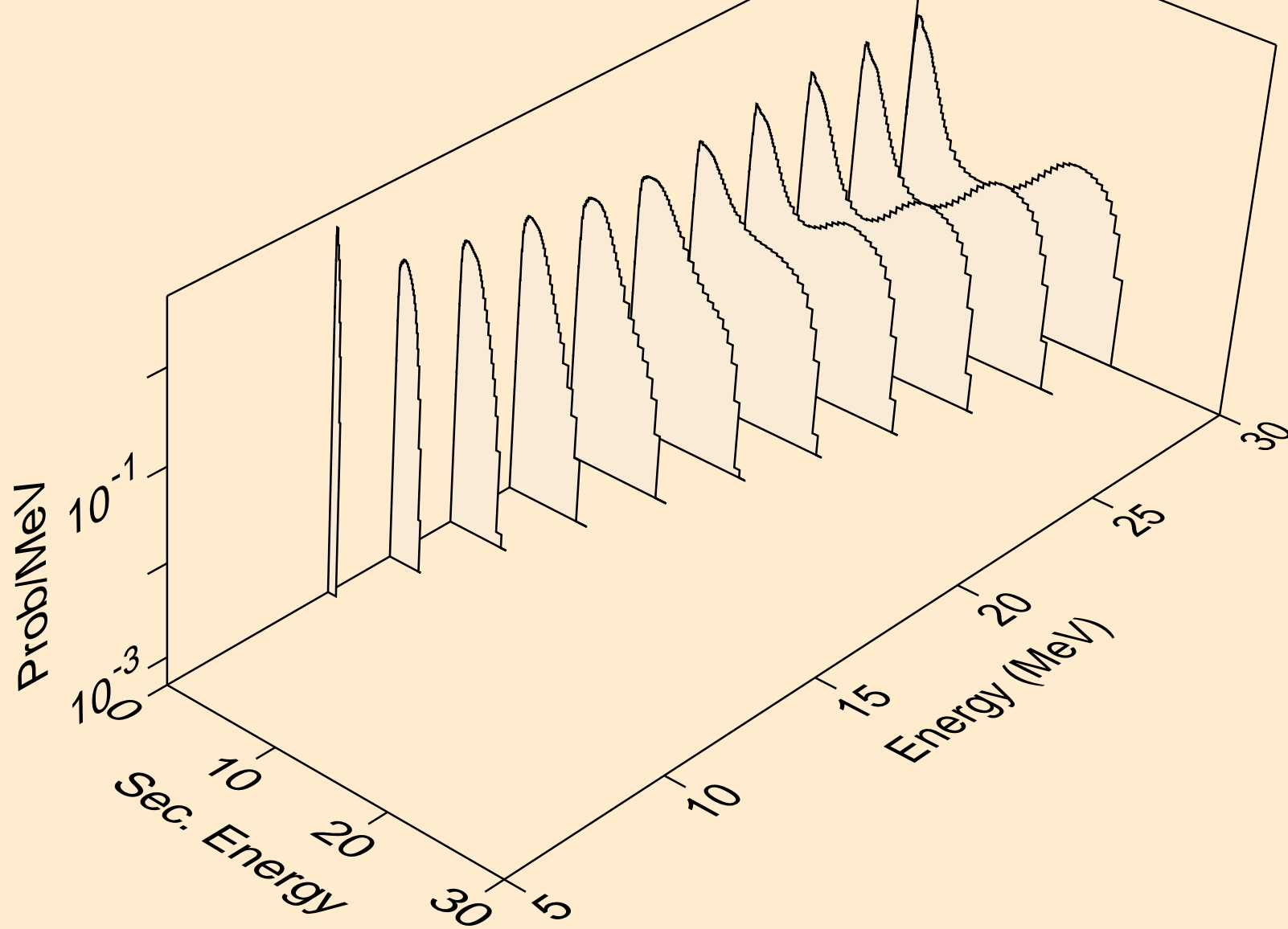
BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)

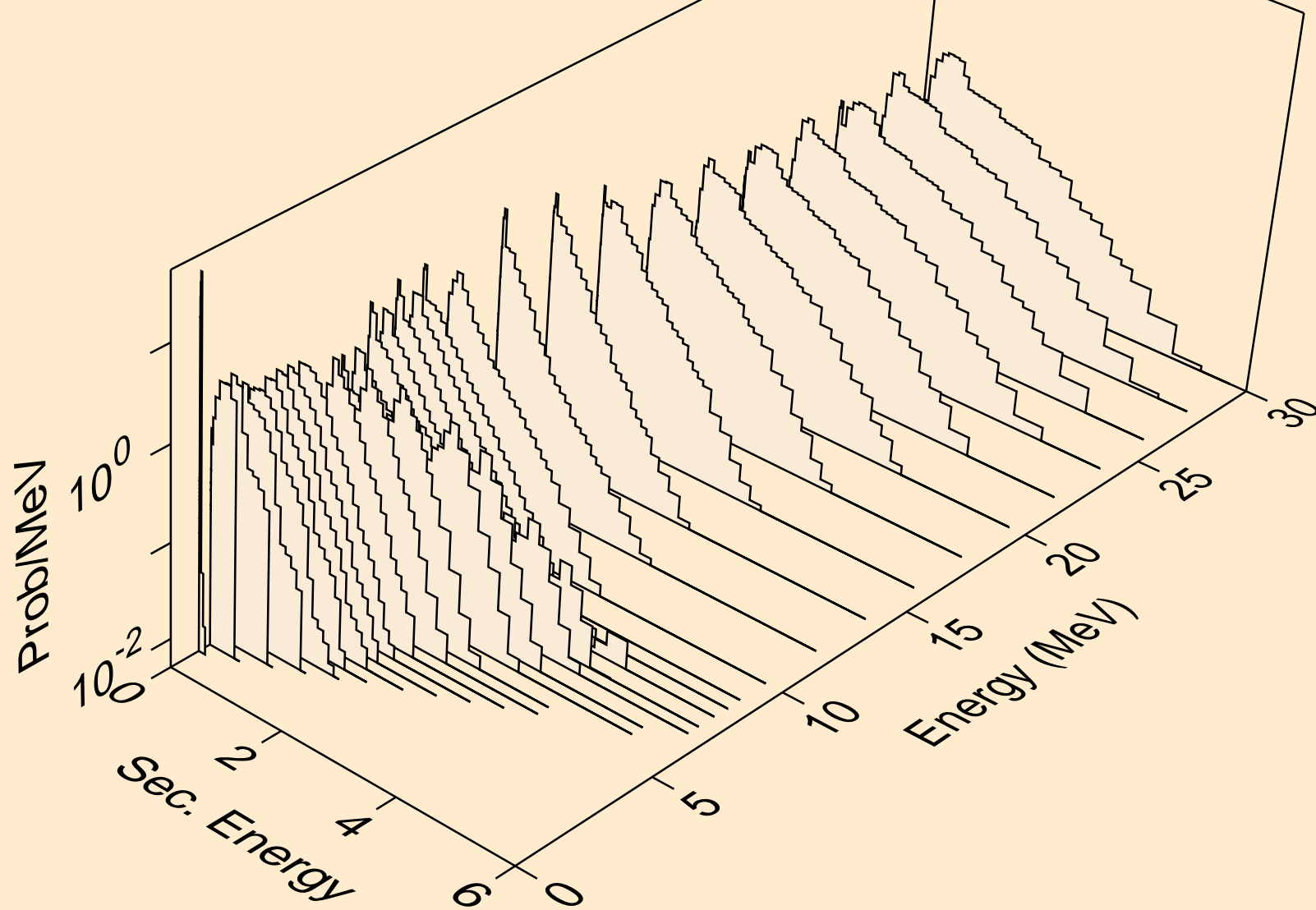


BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)

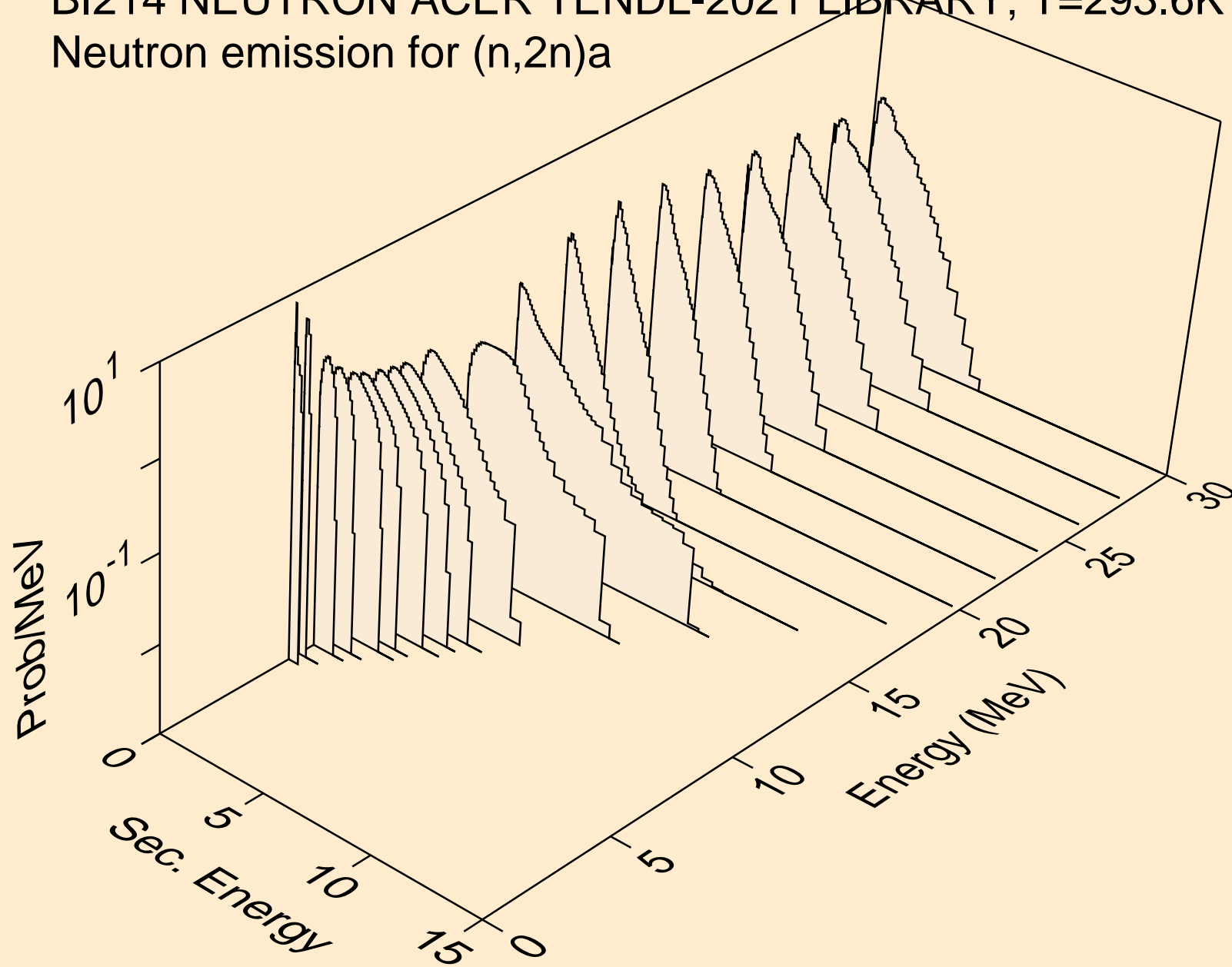




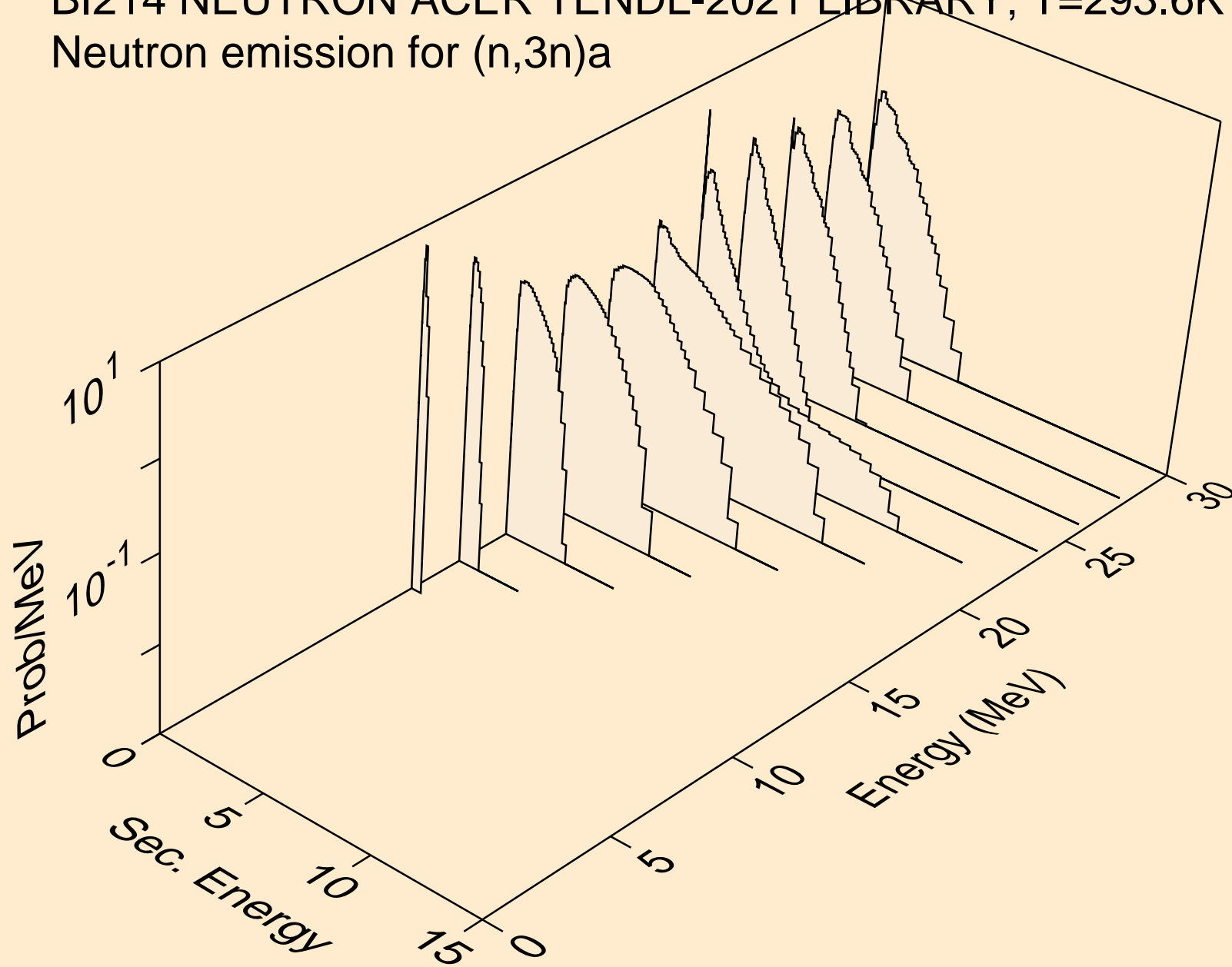
BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



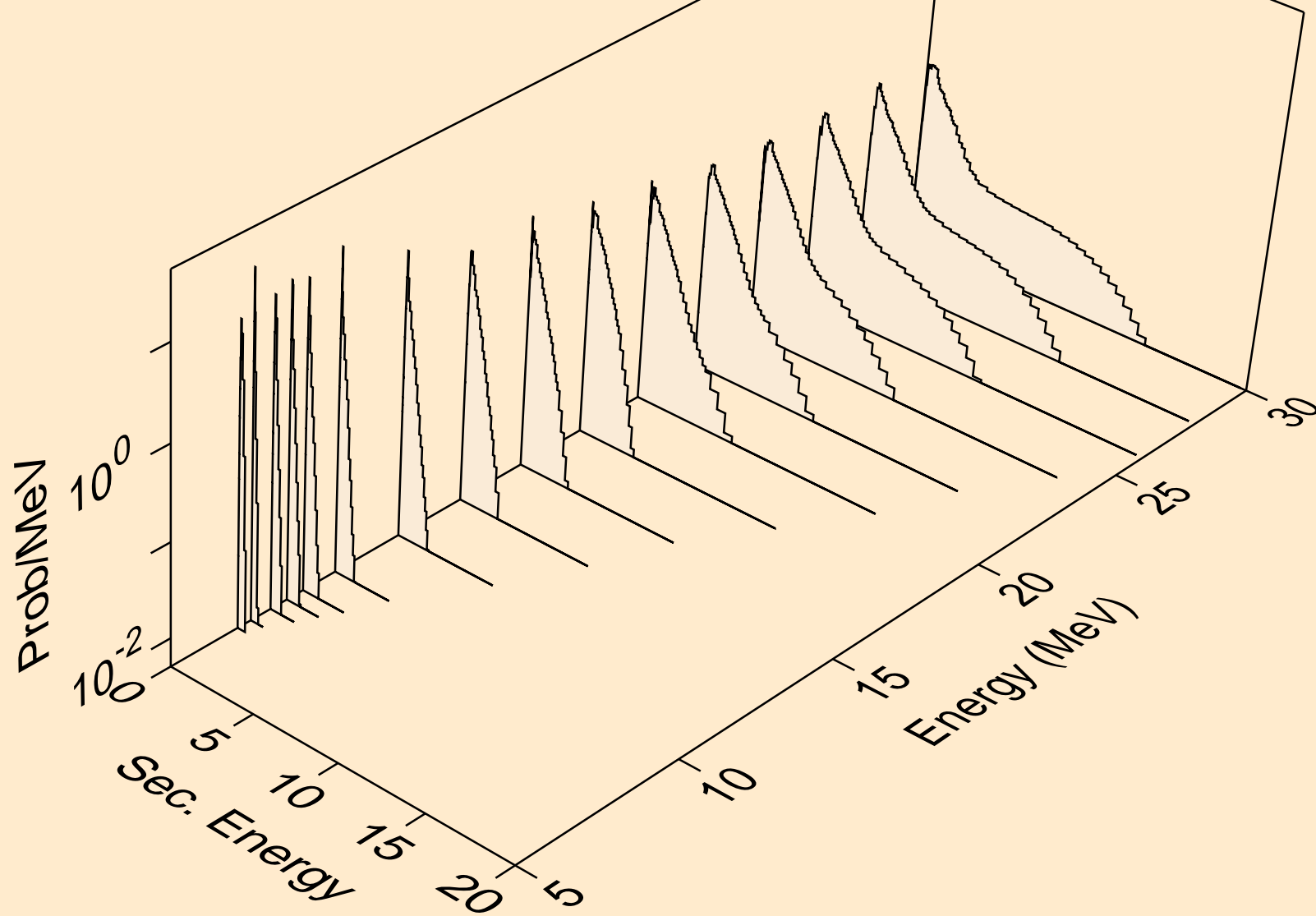
BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)<sub>a</sub>



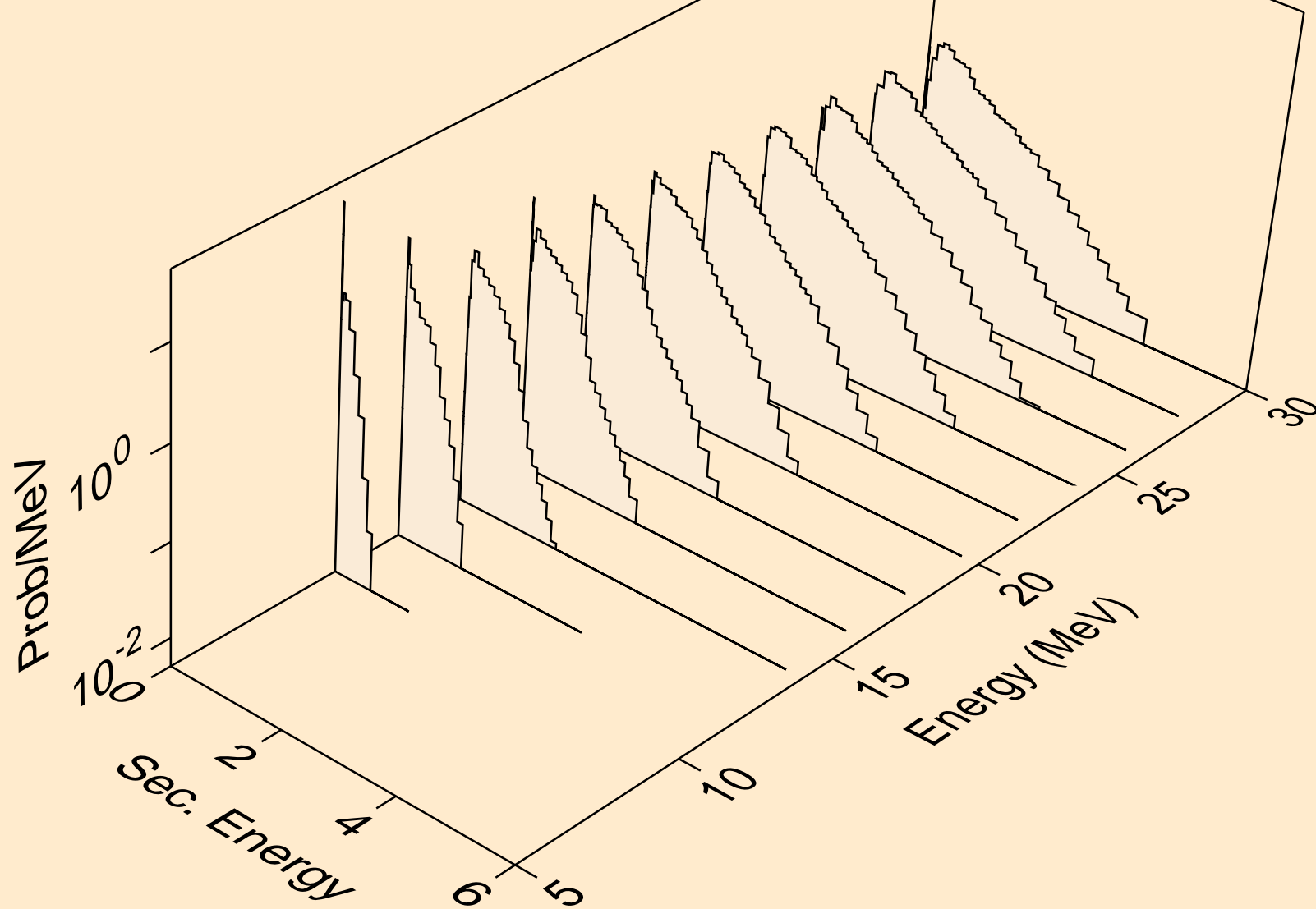
BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)a



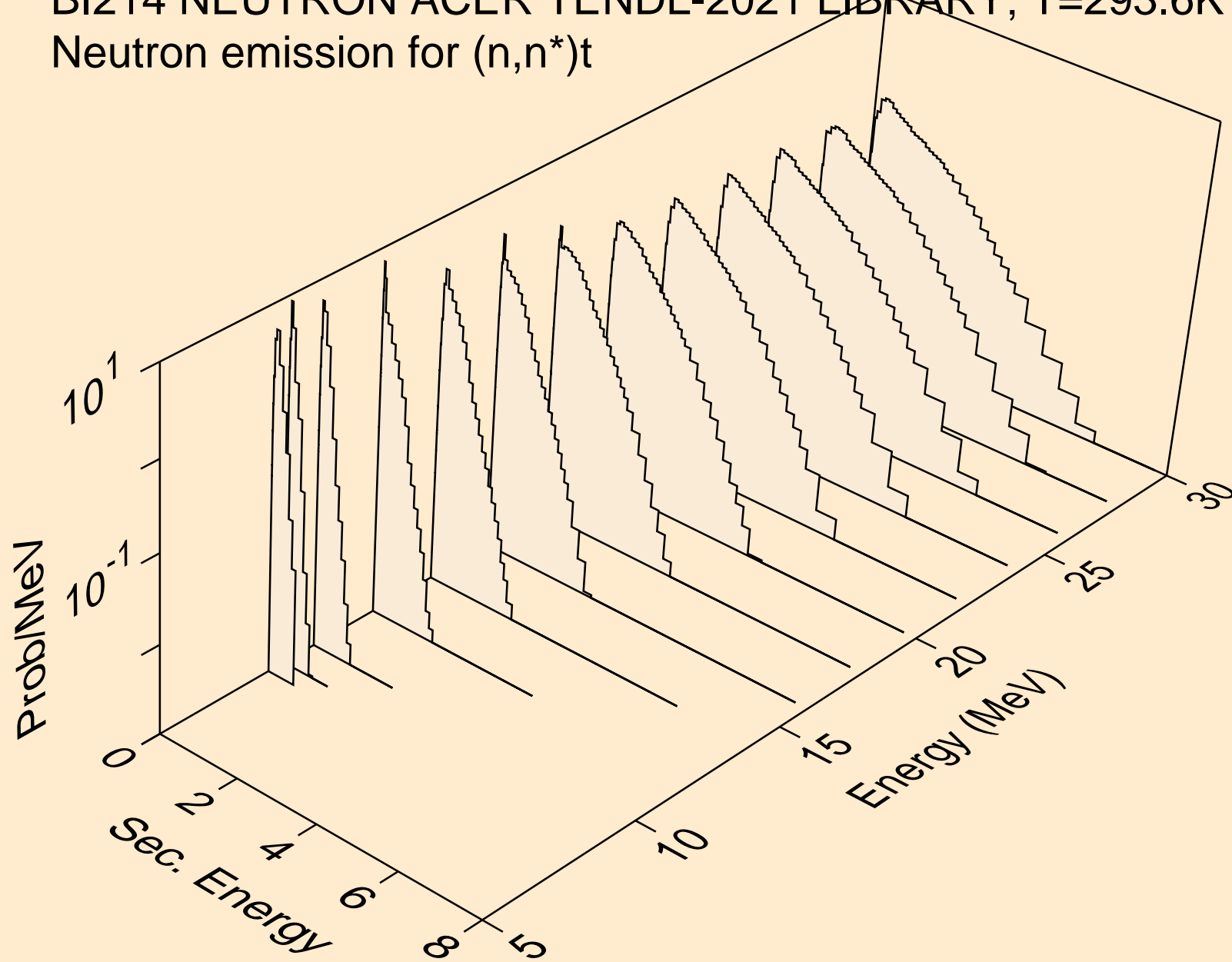
BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



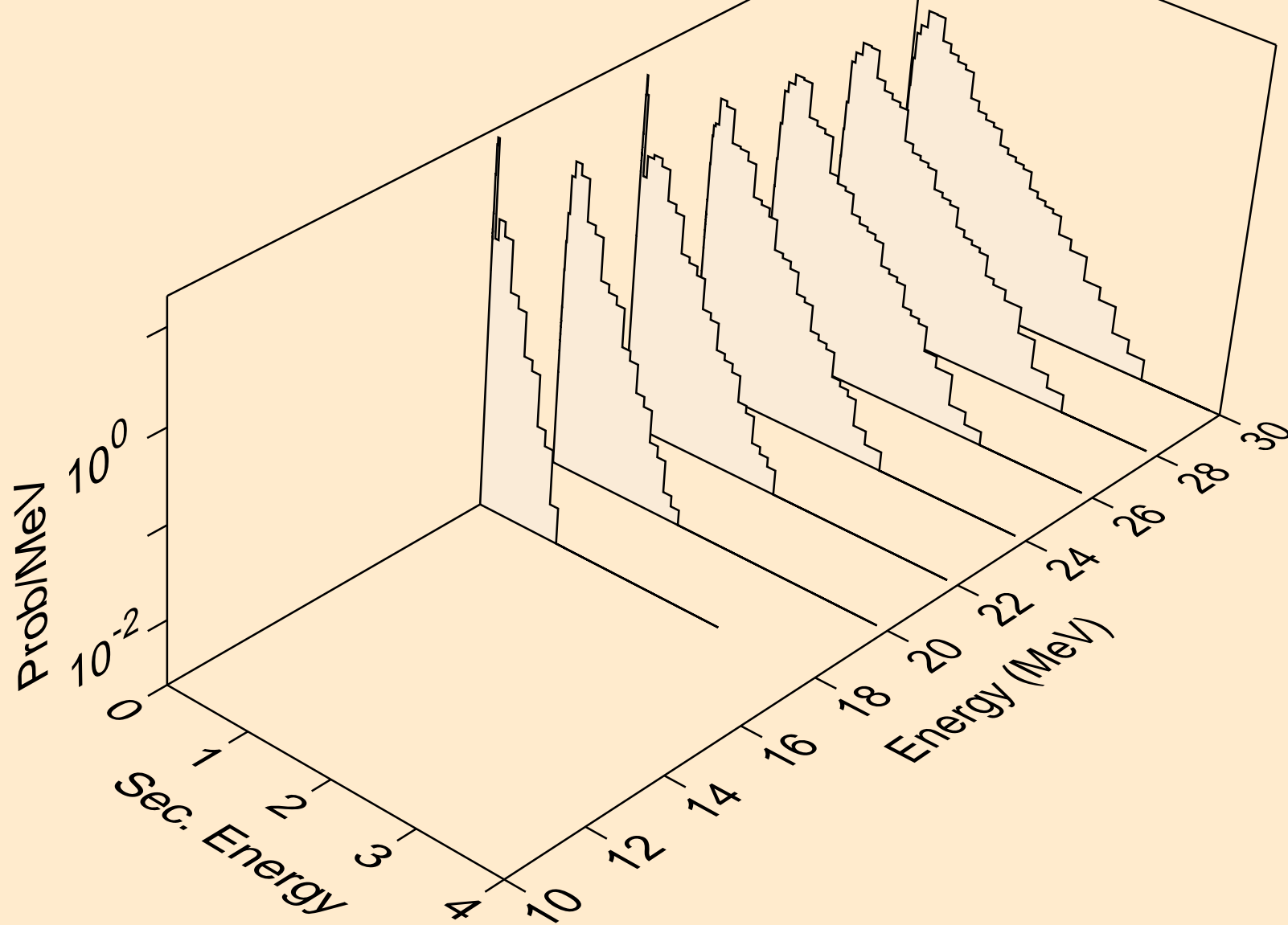
BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



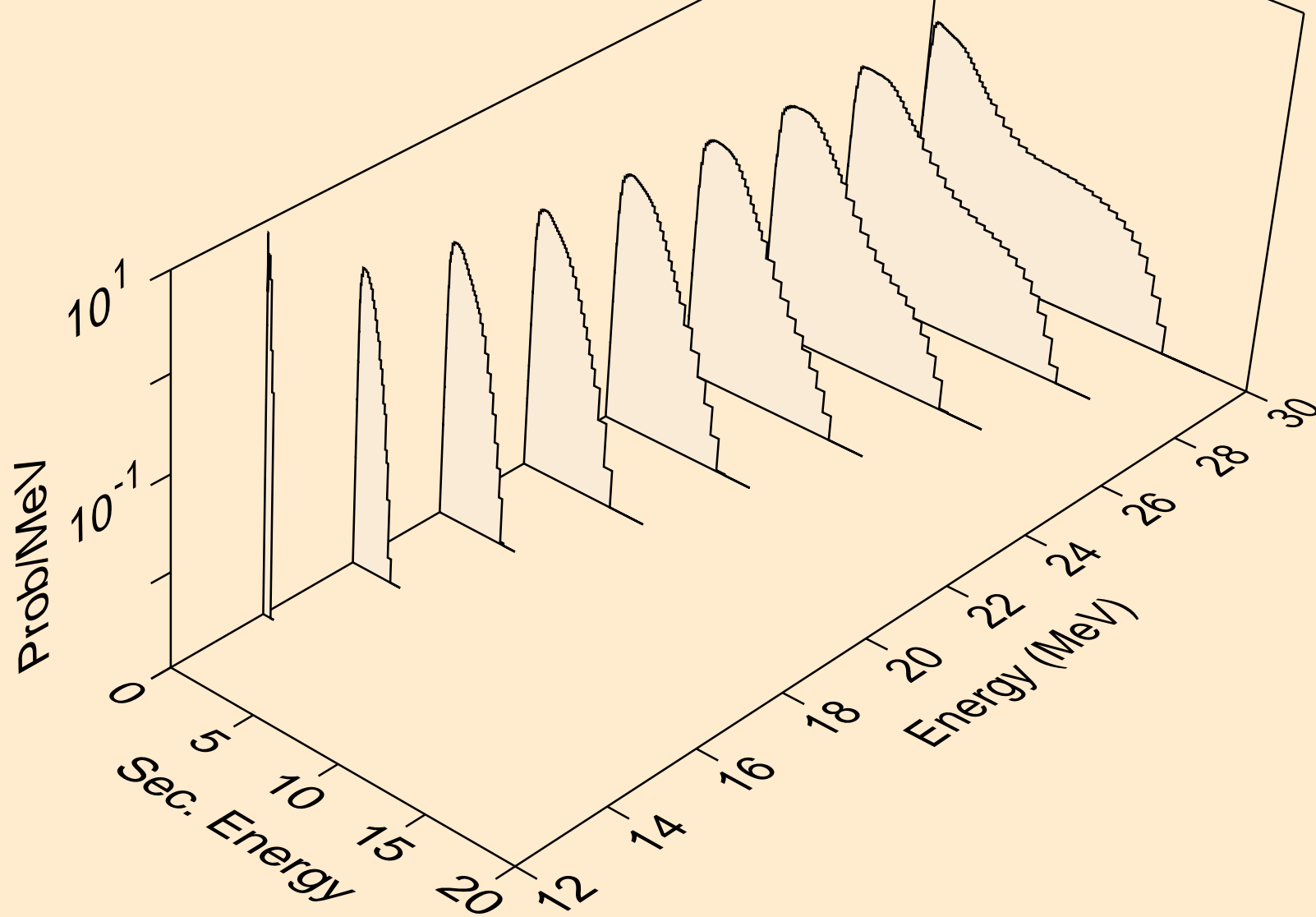
BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3

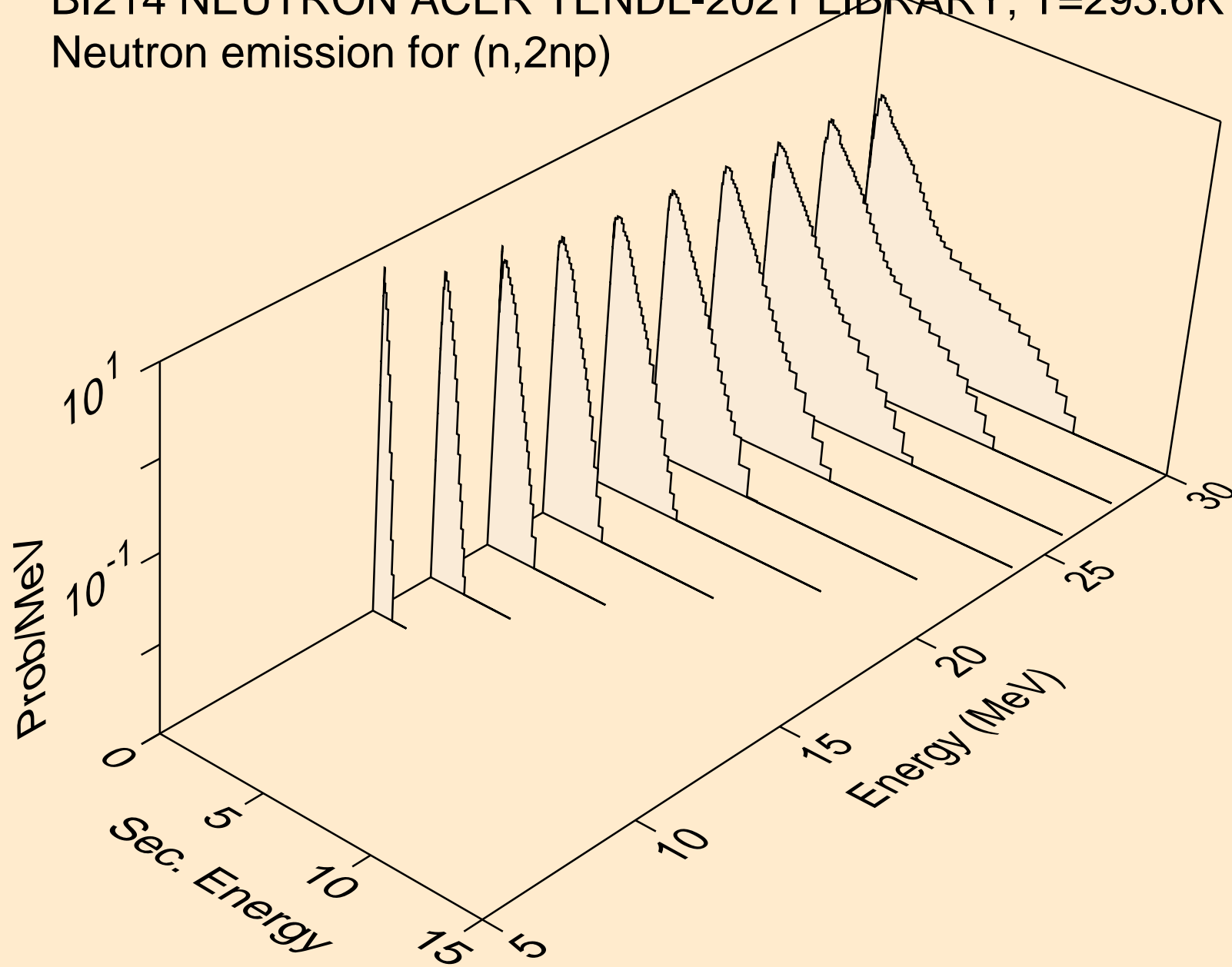


BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,4n)

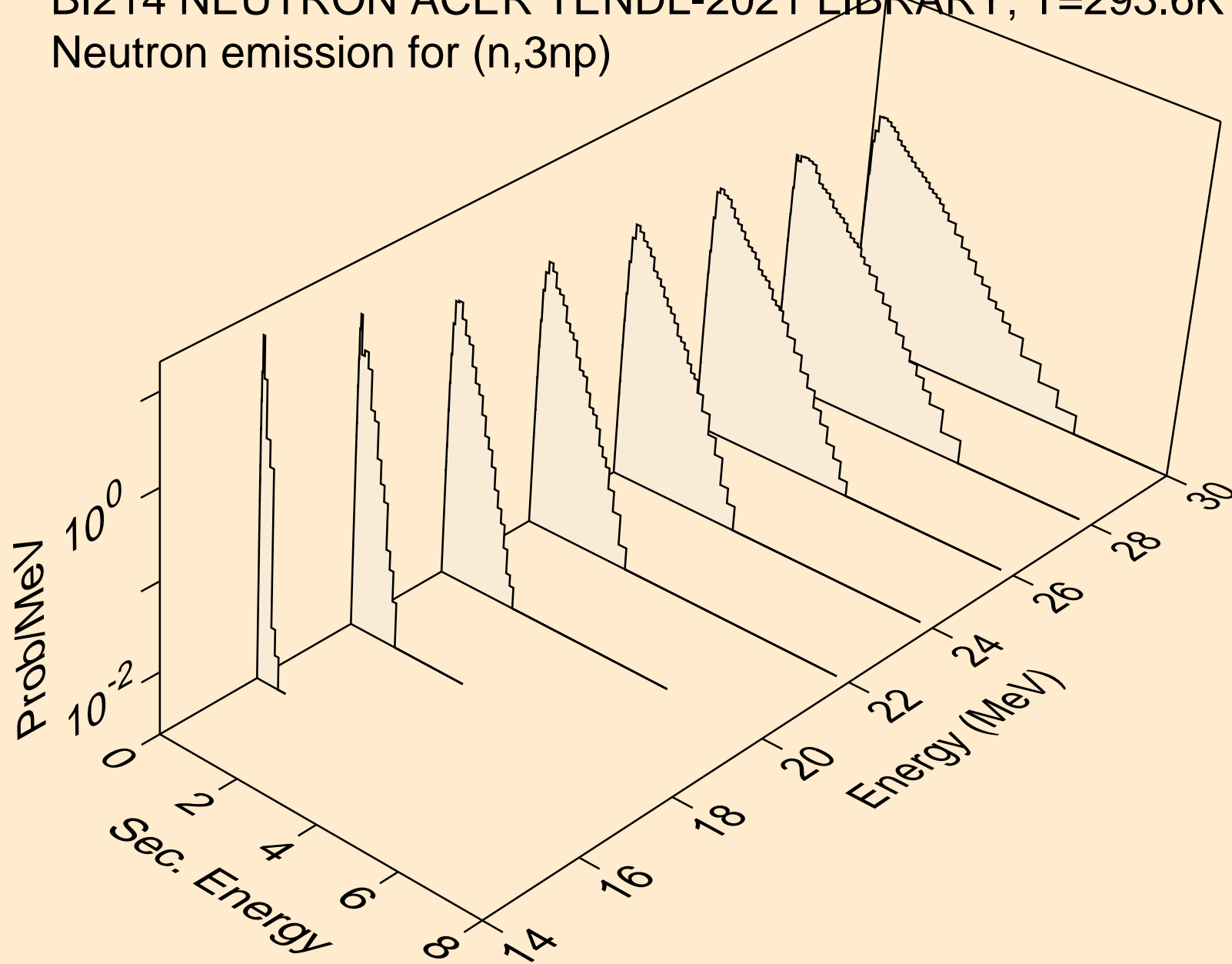




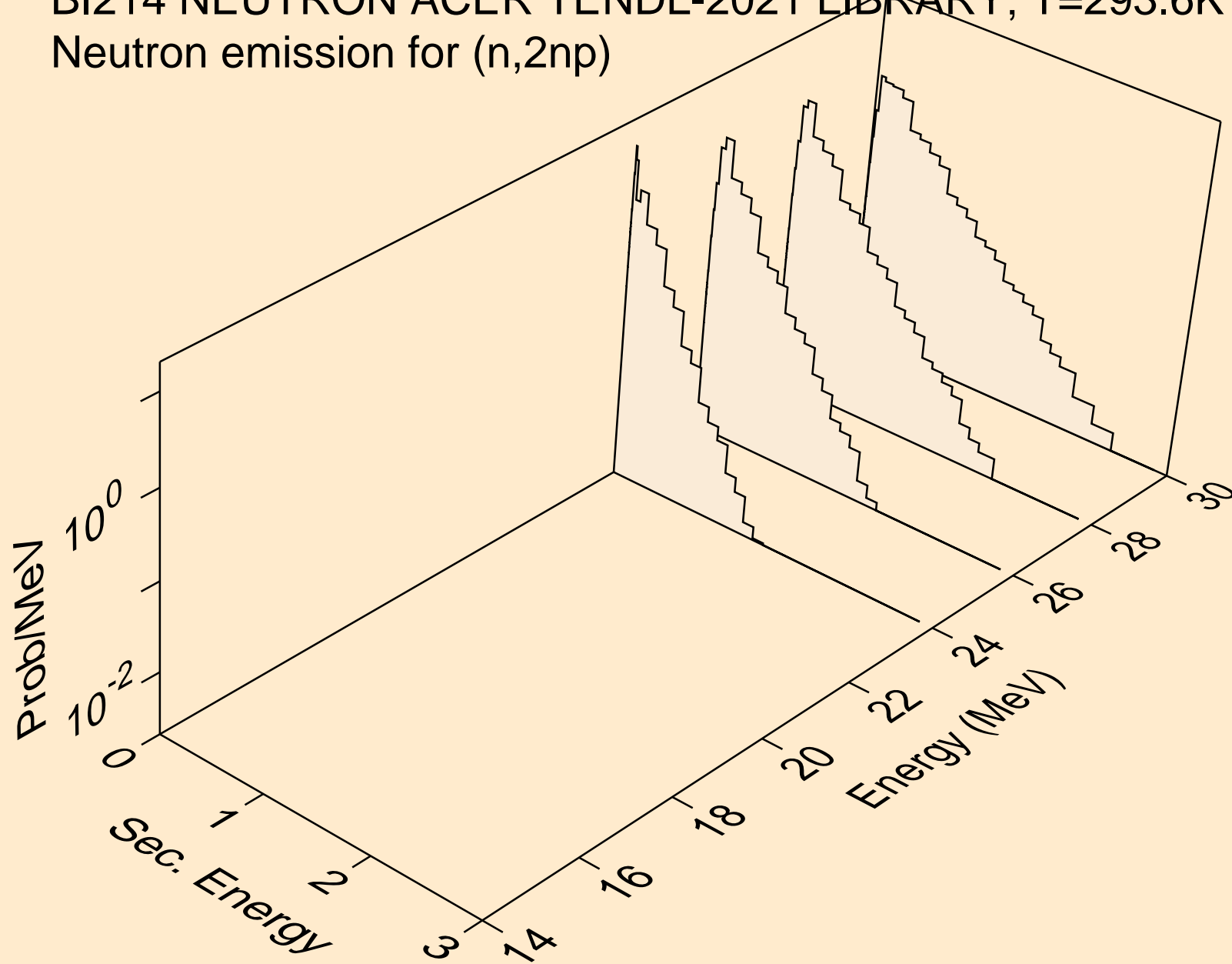
BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



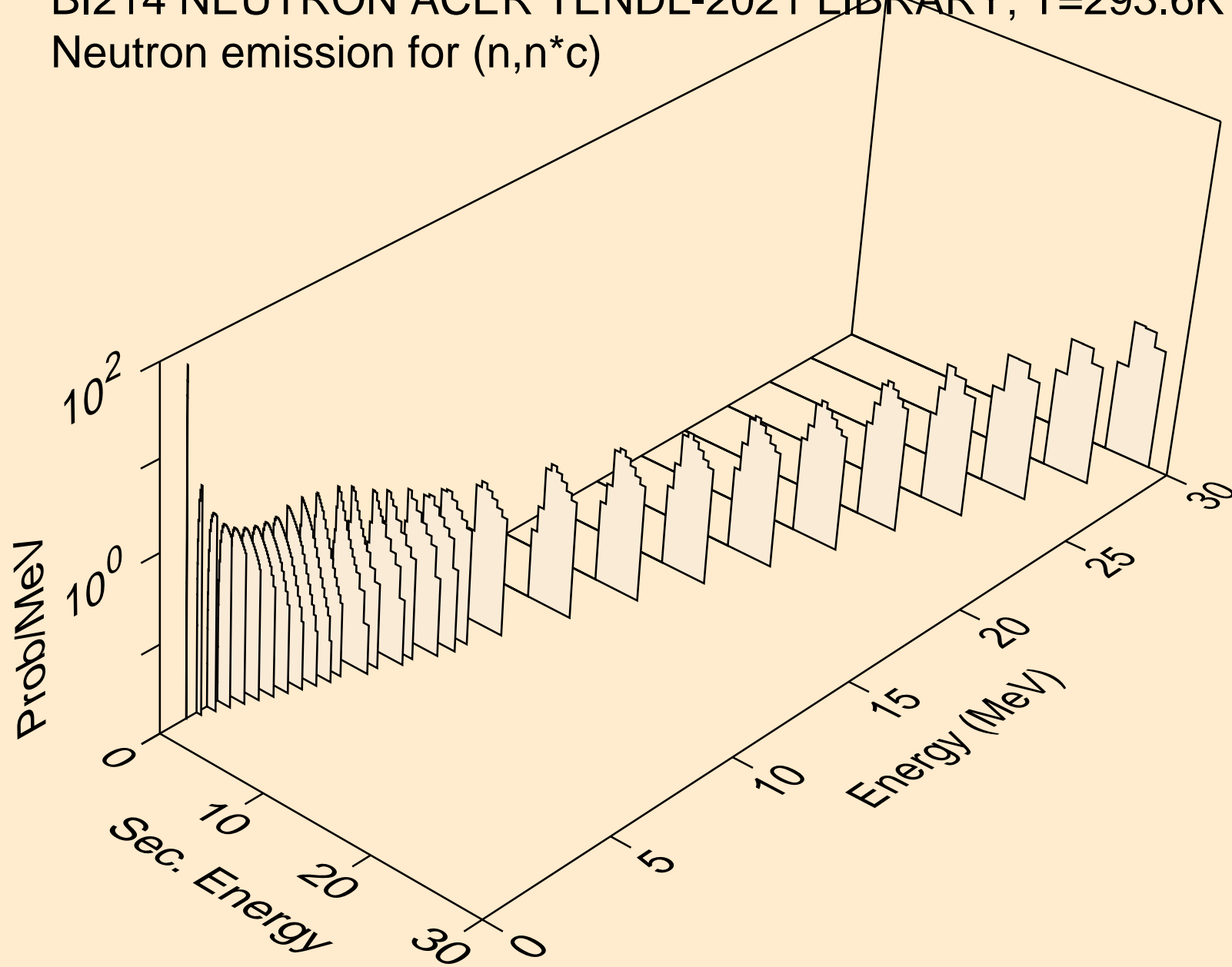
BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3np)



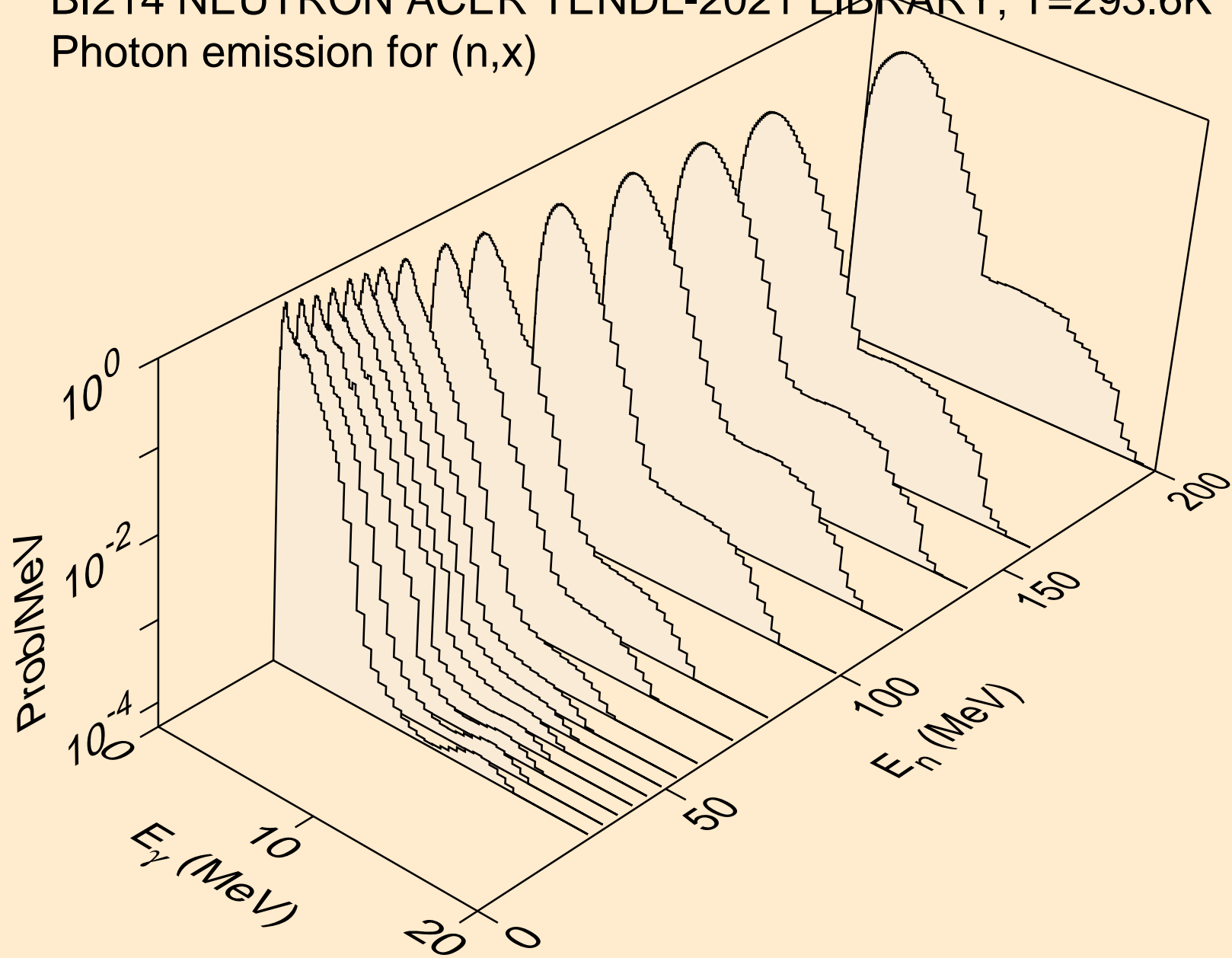
BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



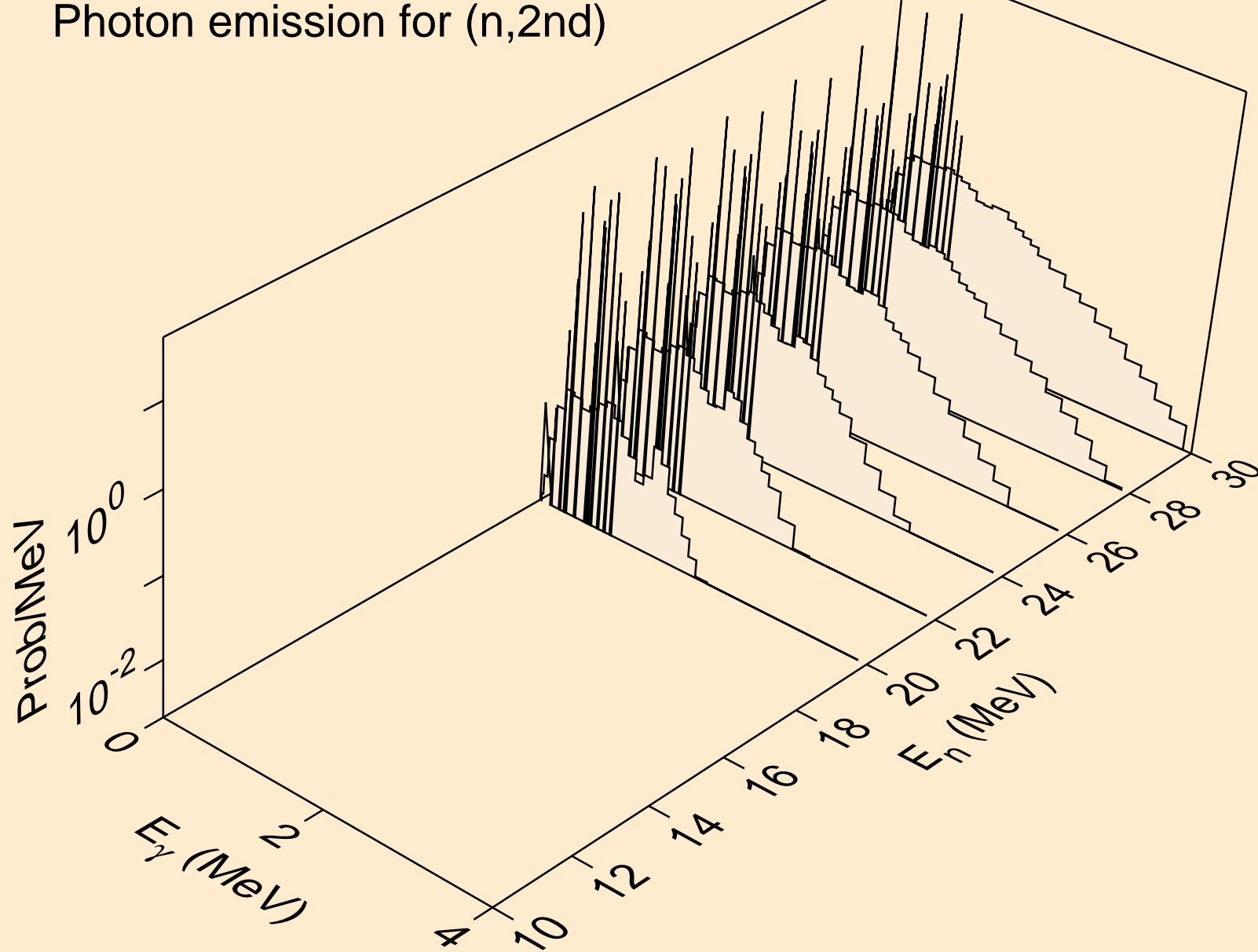
BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



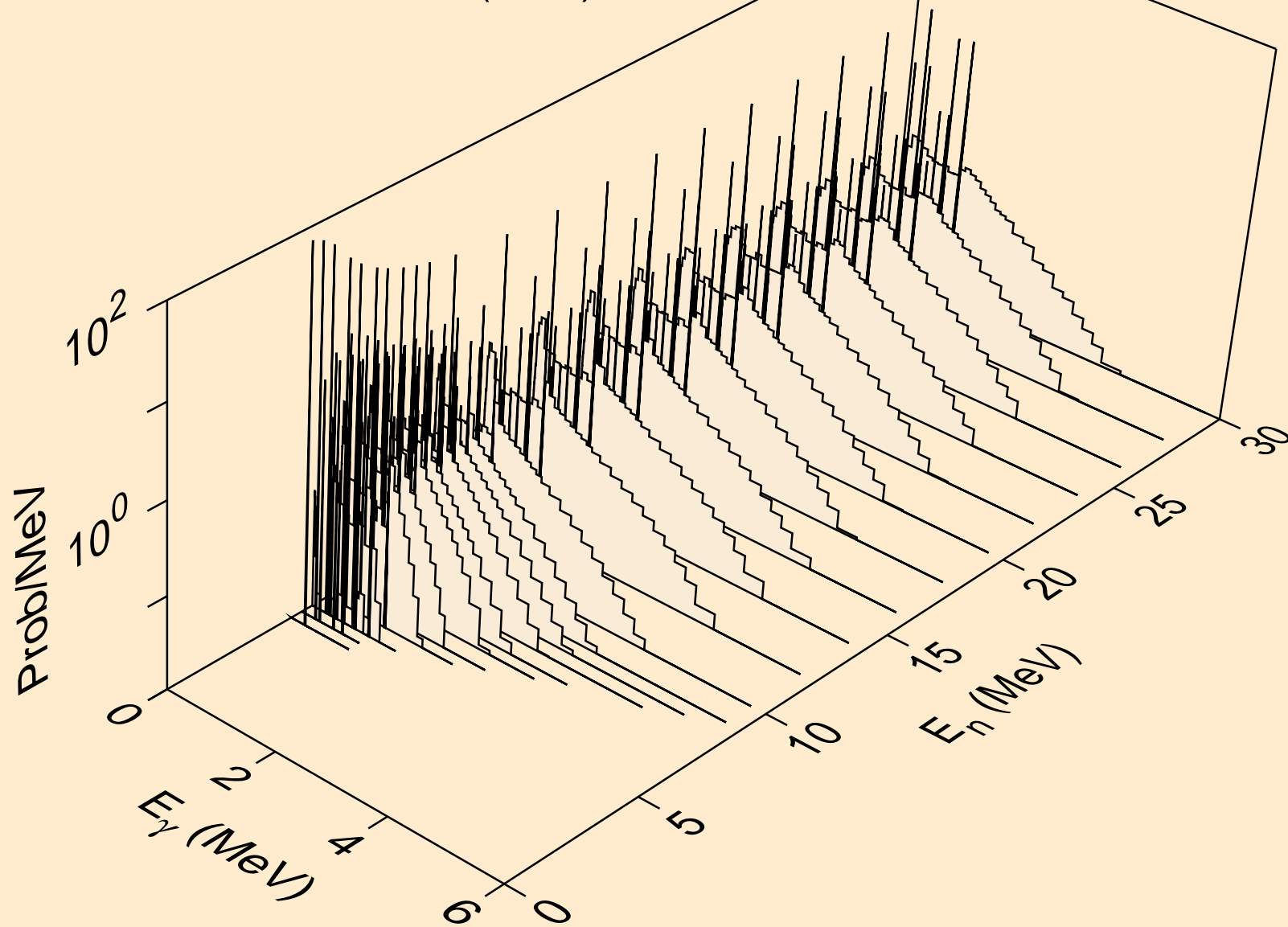
BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)



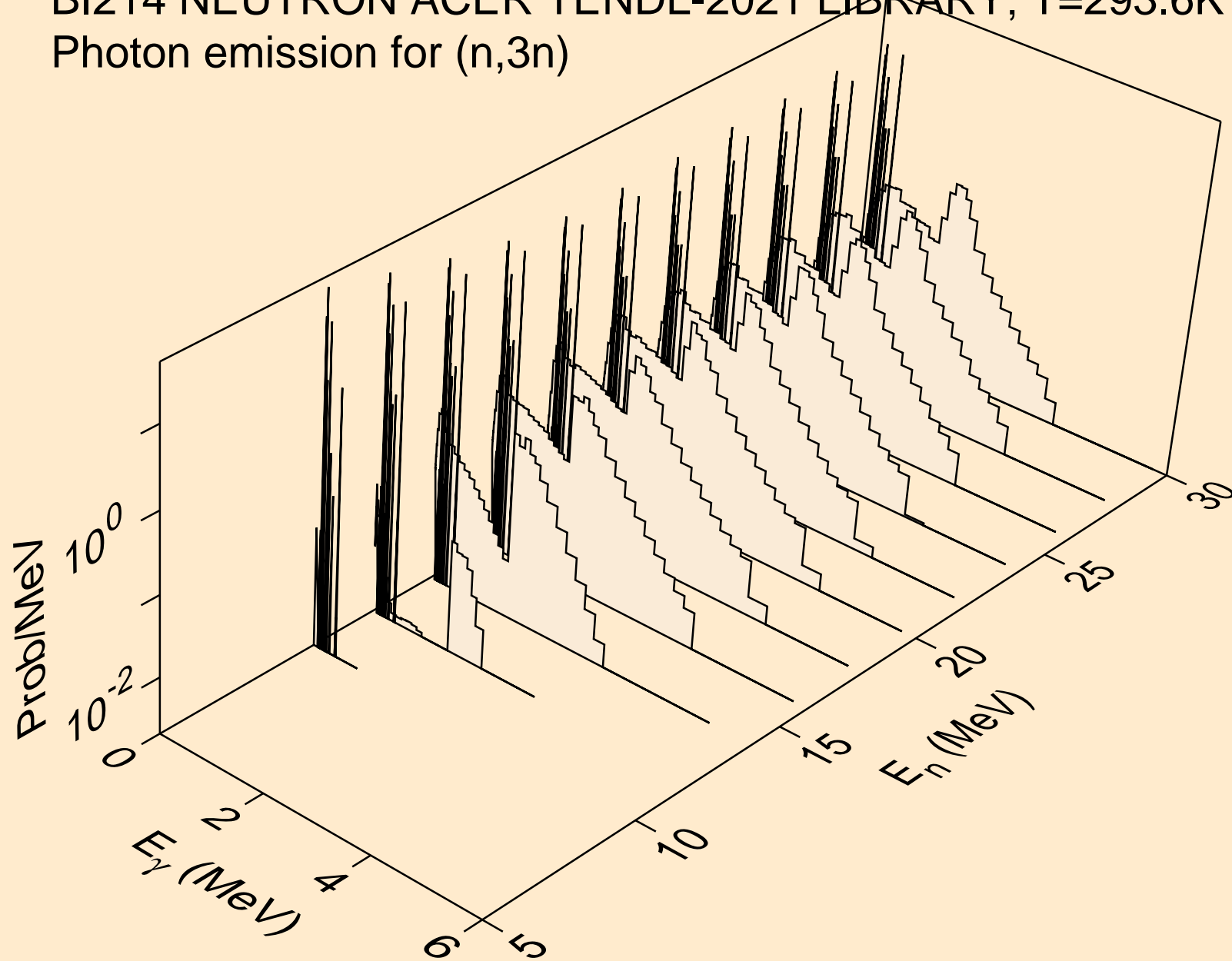
BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2nd)



BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)

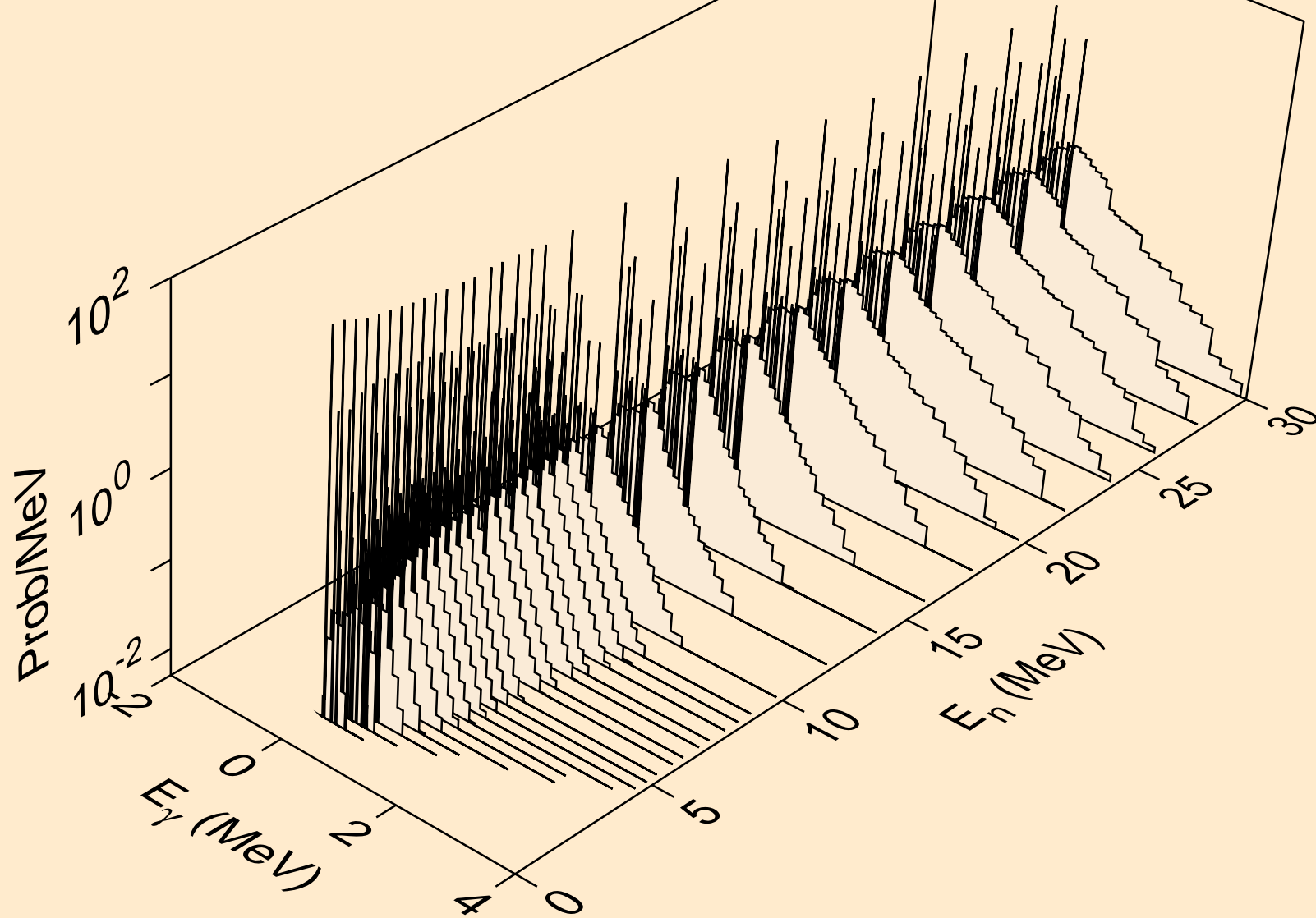


BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)

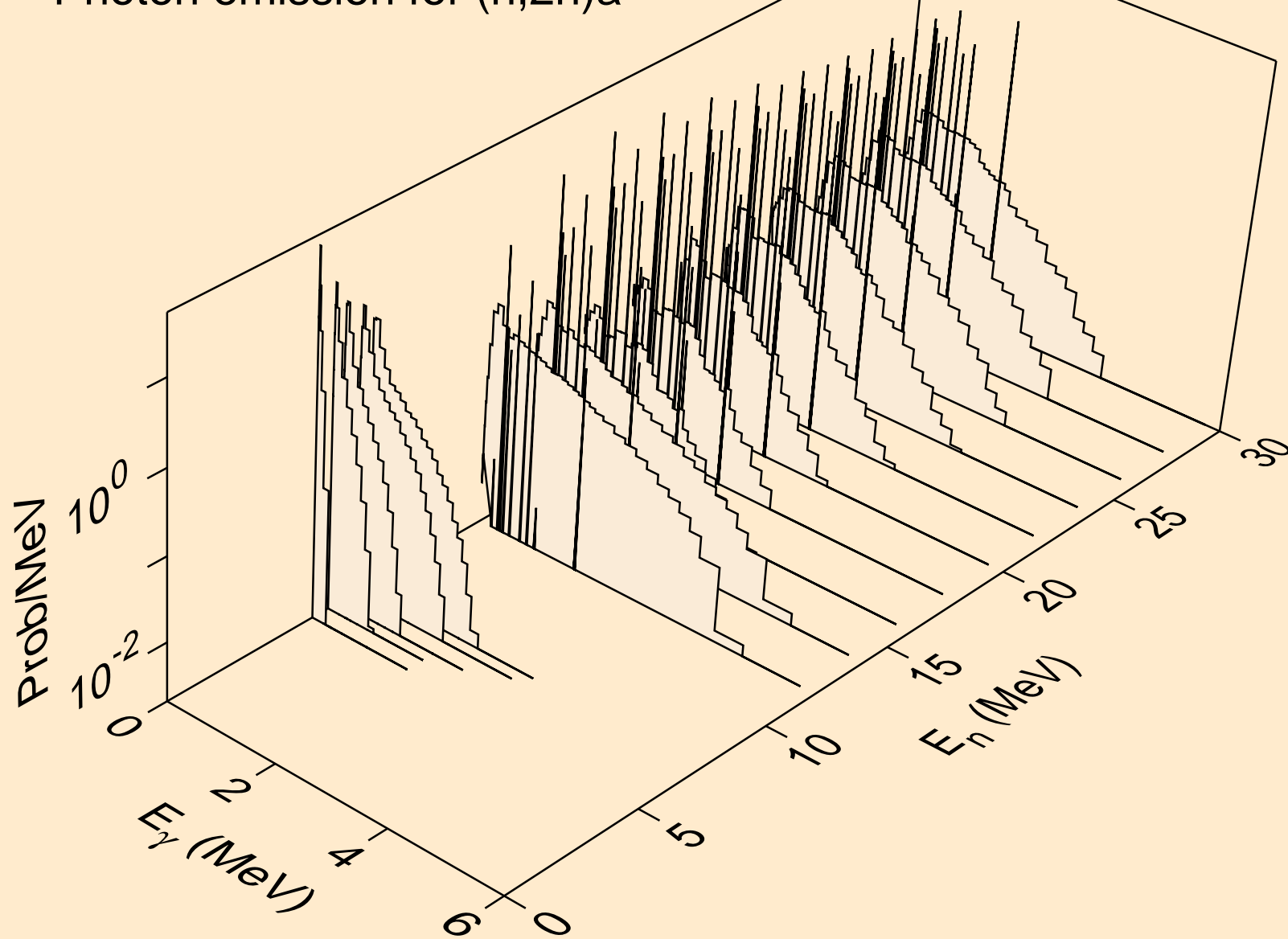




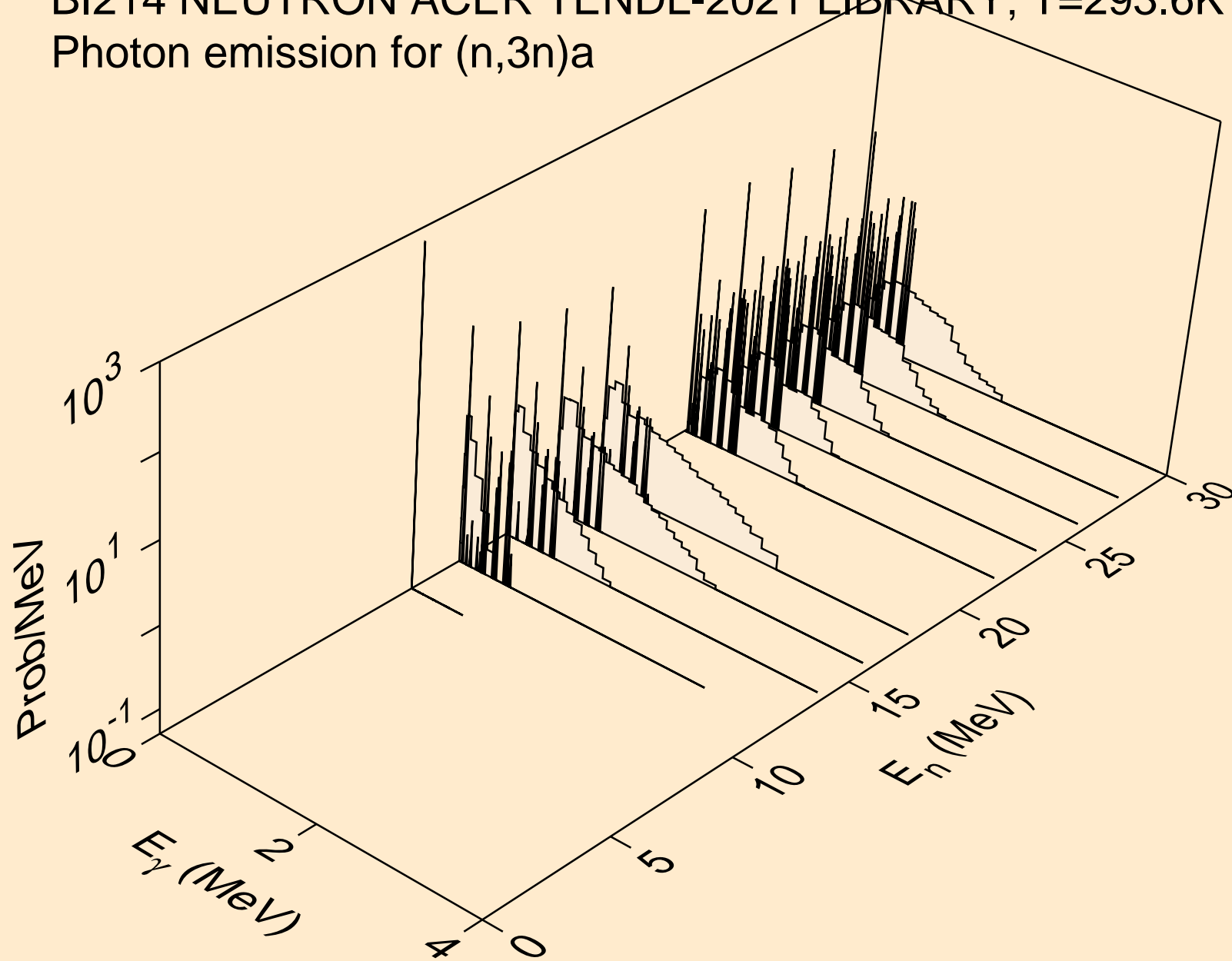
BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a



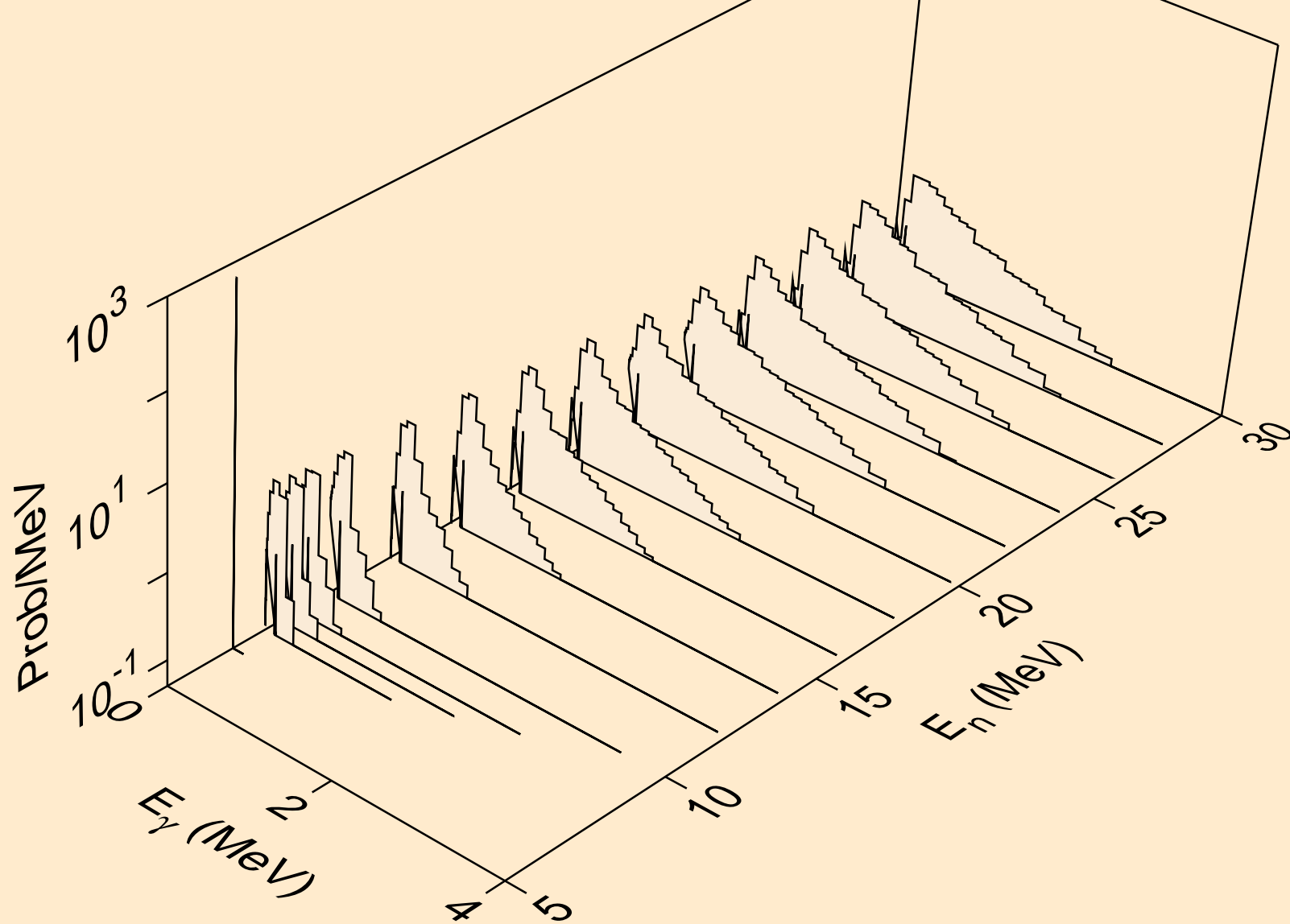
BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)a



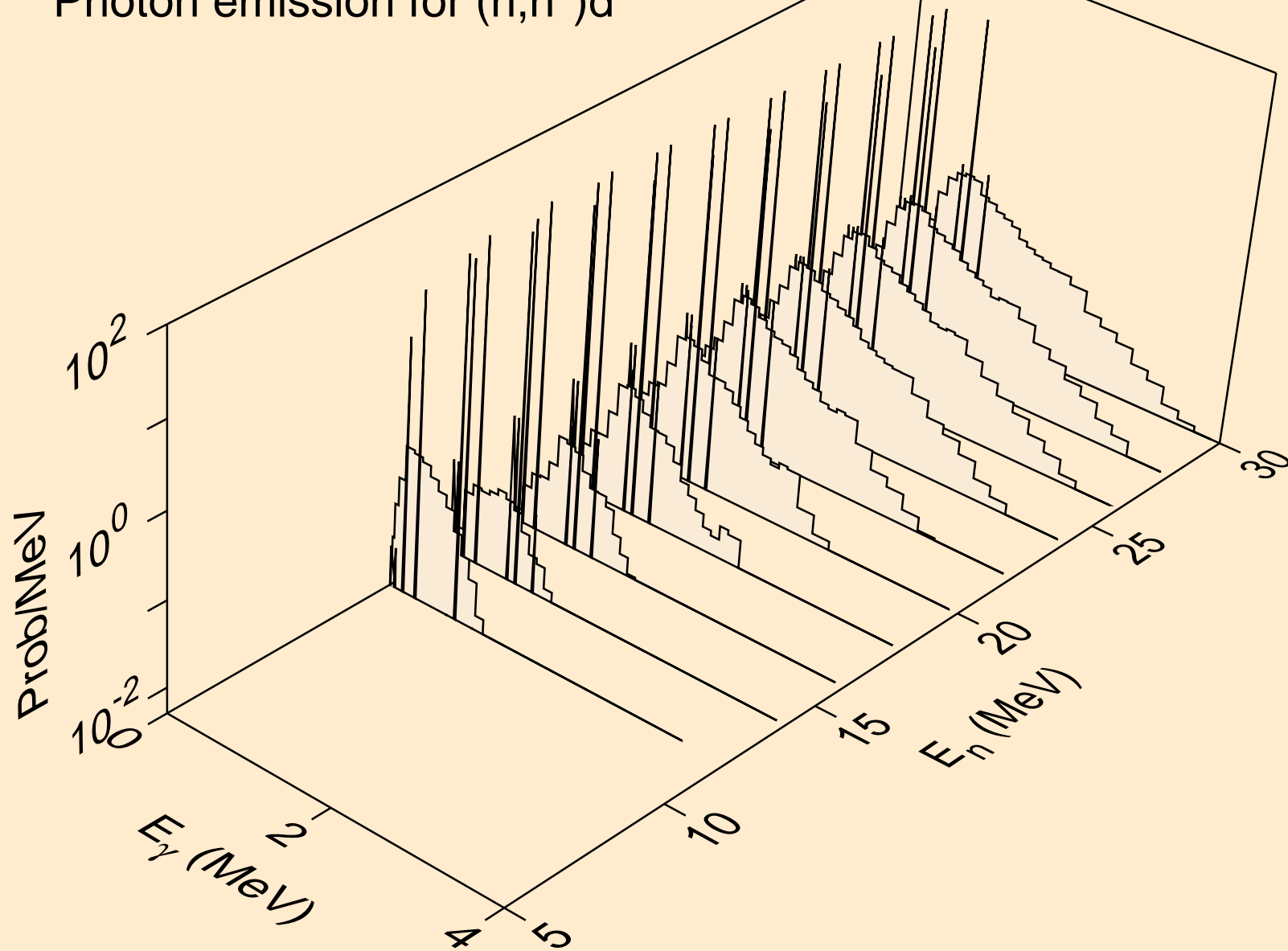
BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)a



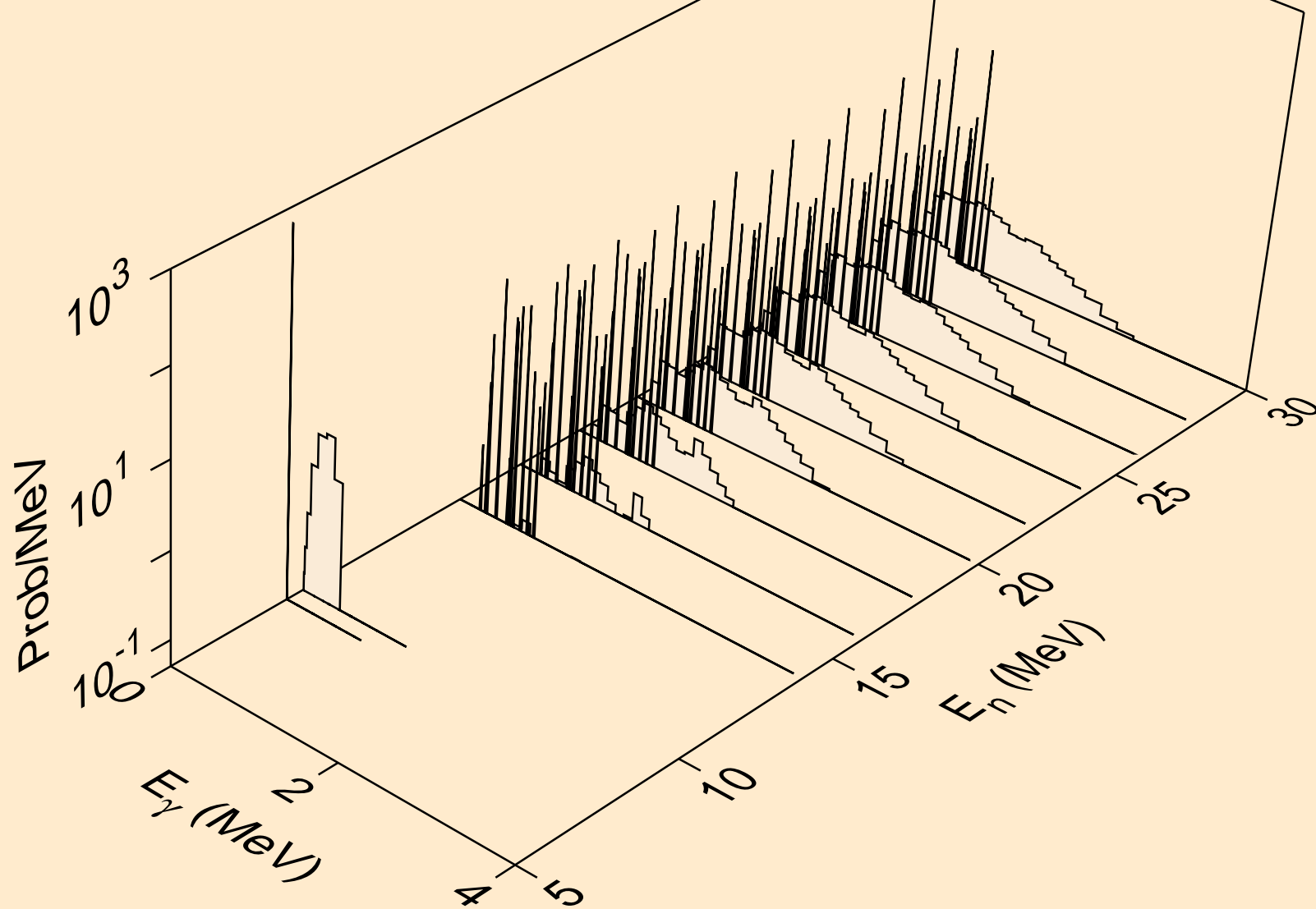
BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



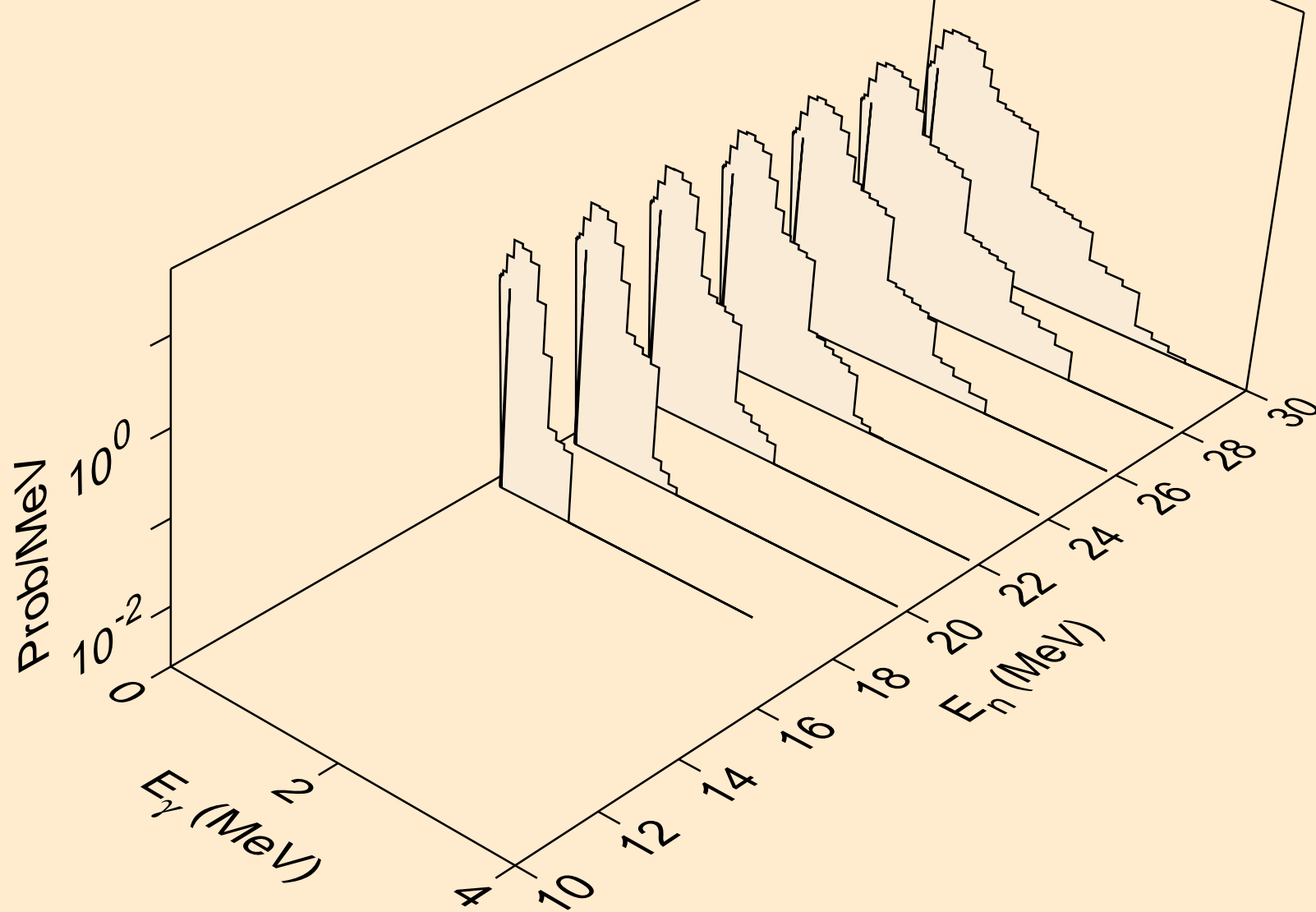
BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d



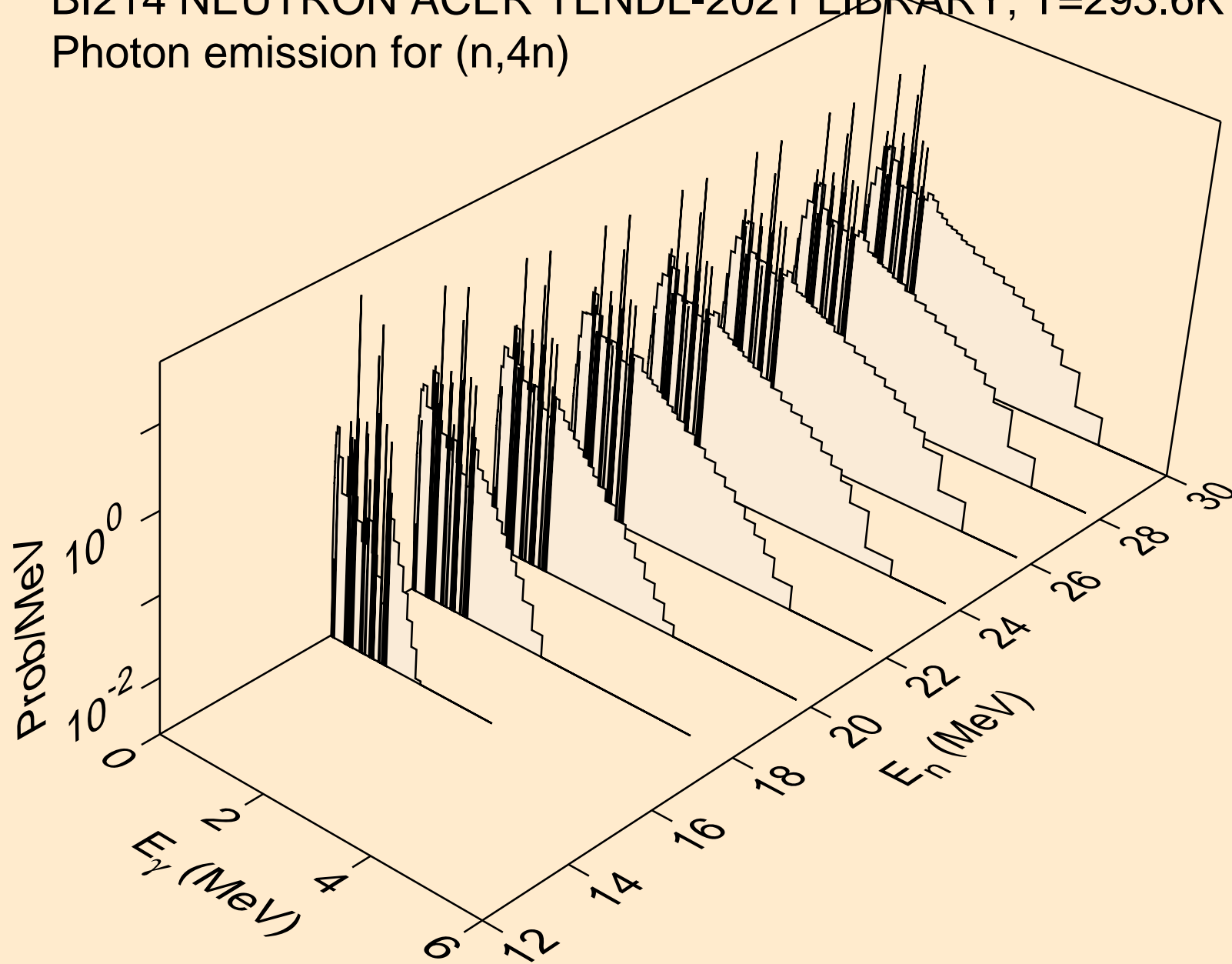
BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t



BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3

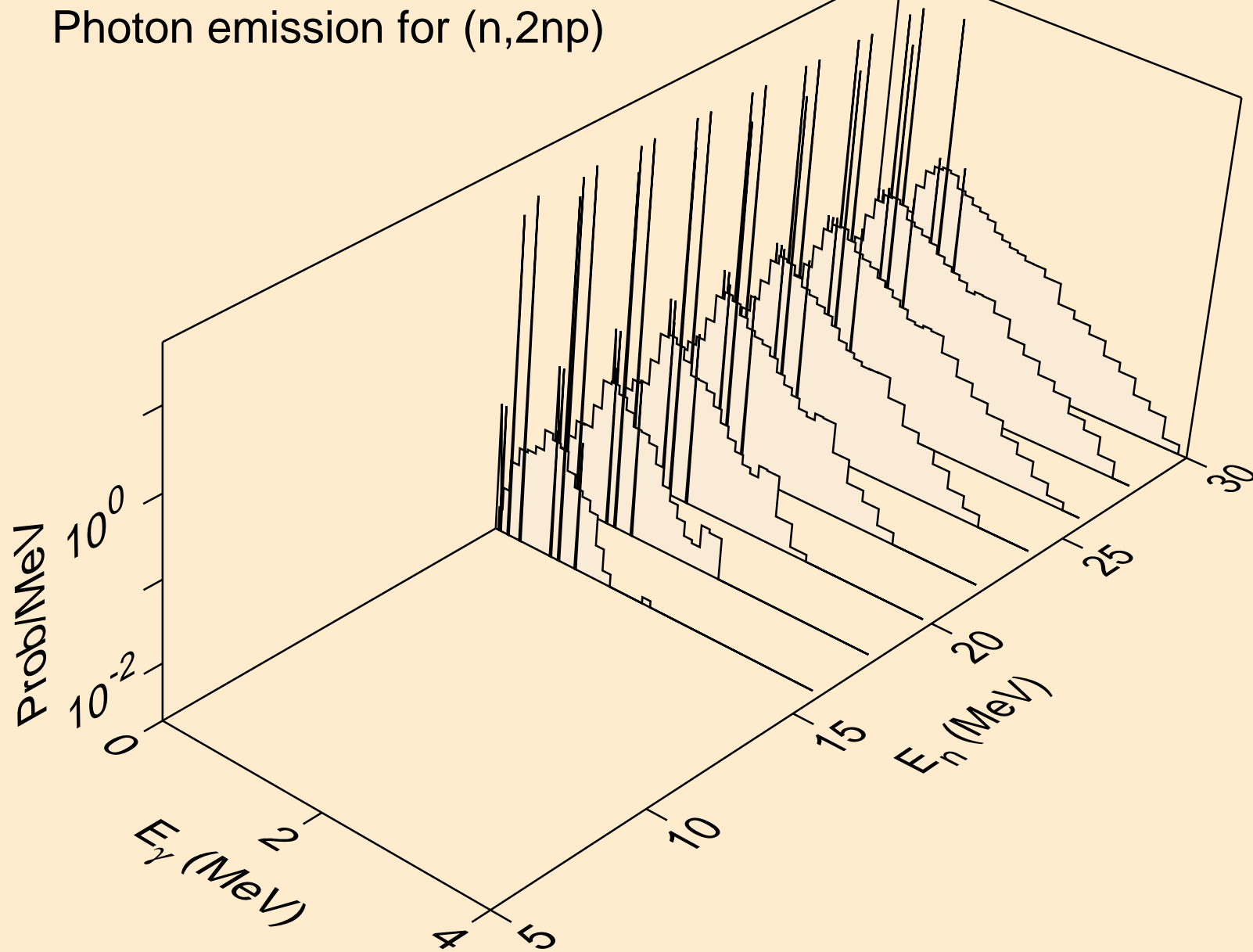


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Photon emission for (n,4n)

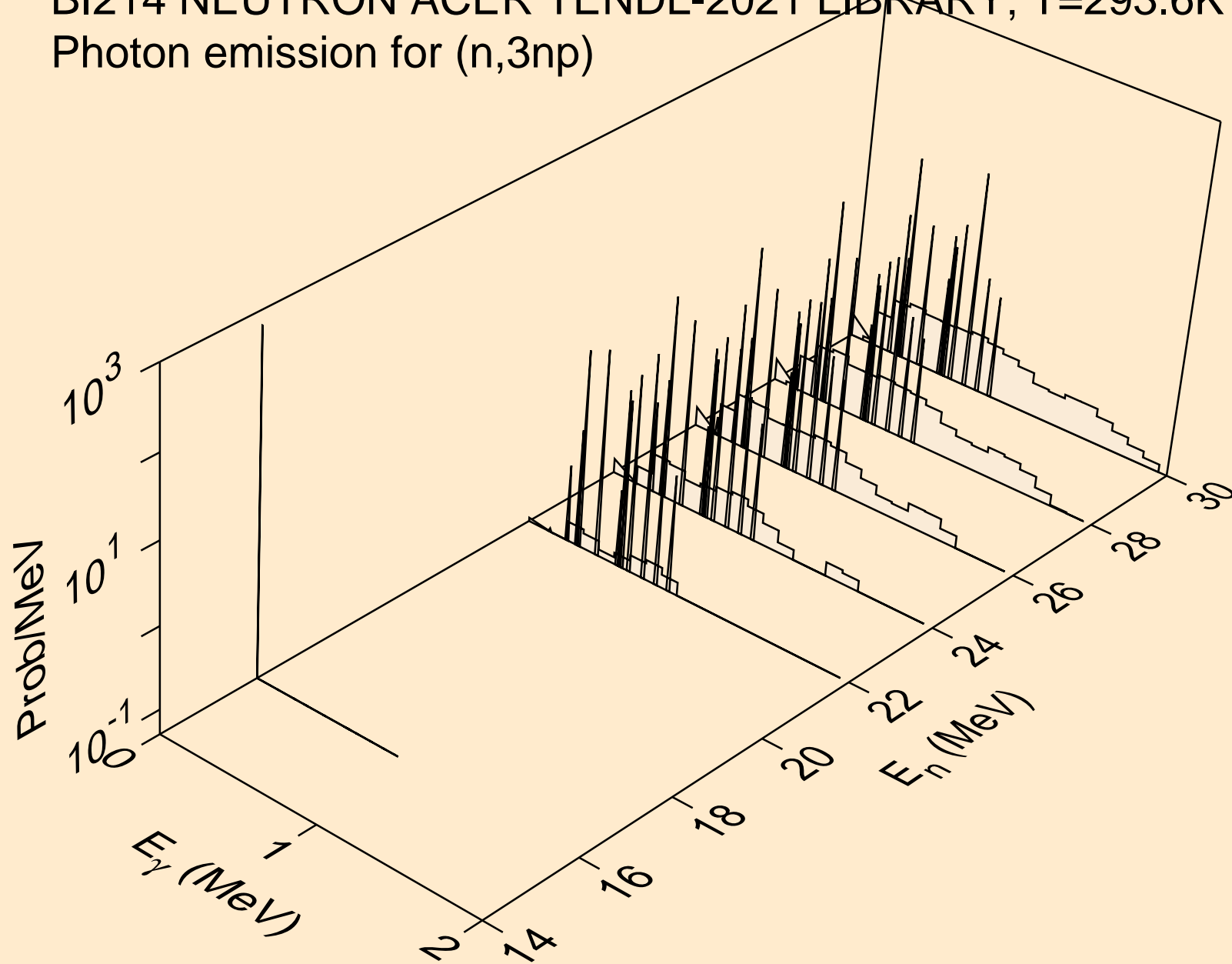




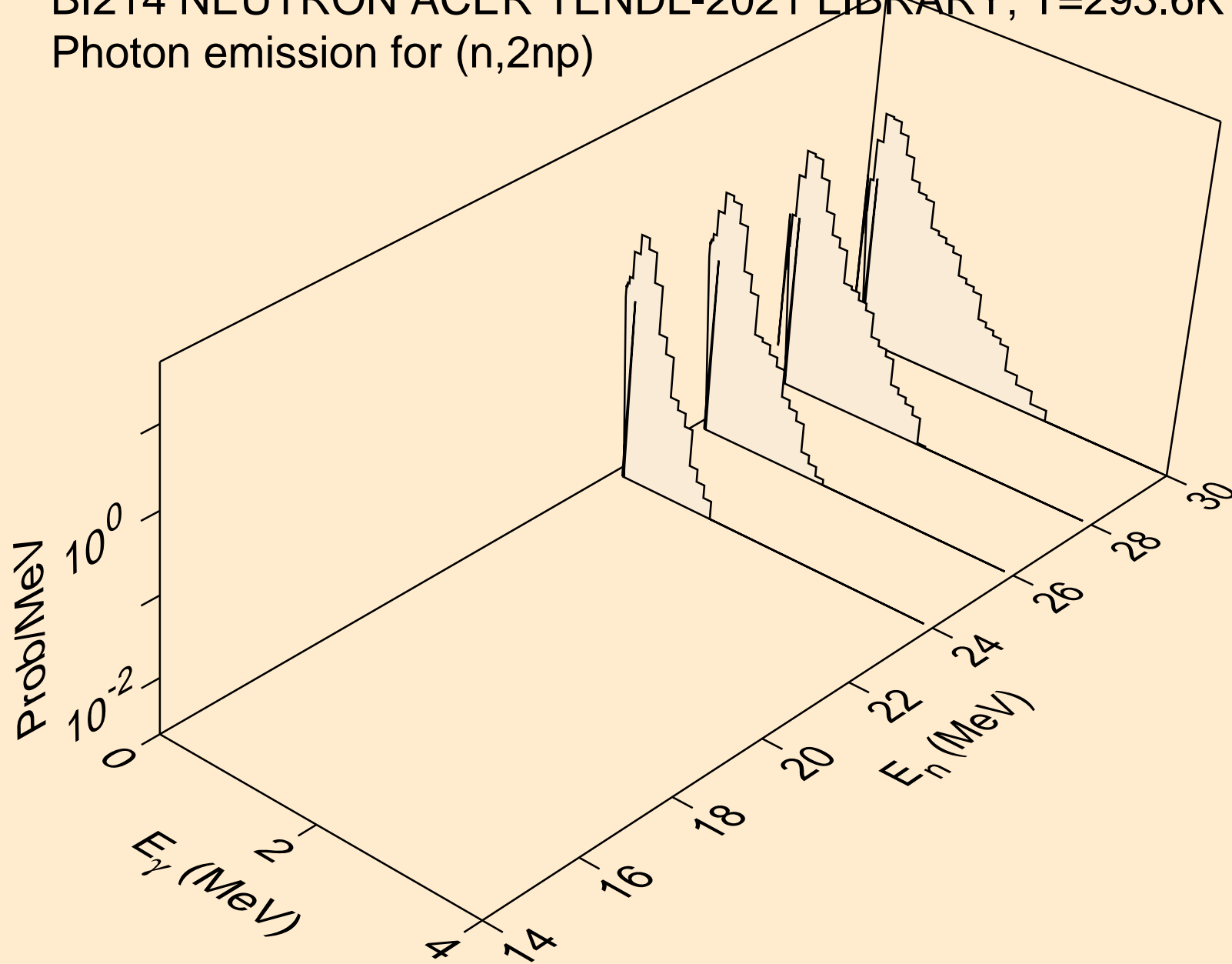
BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)



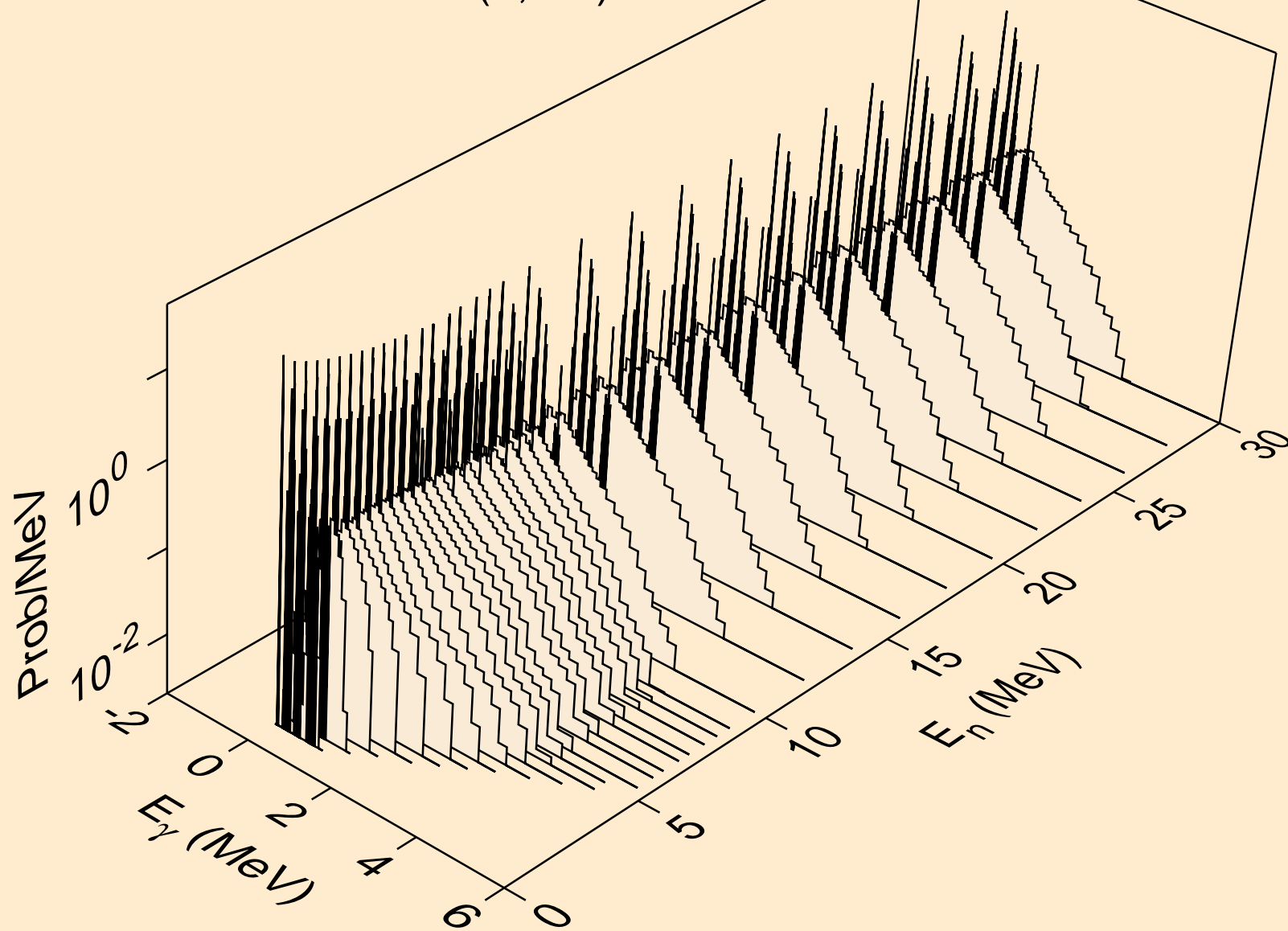
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Photon emission for (n,3np)



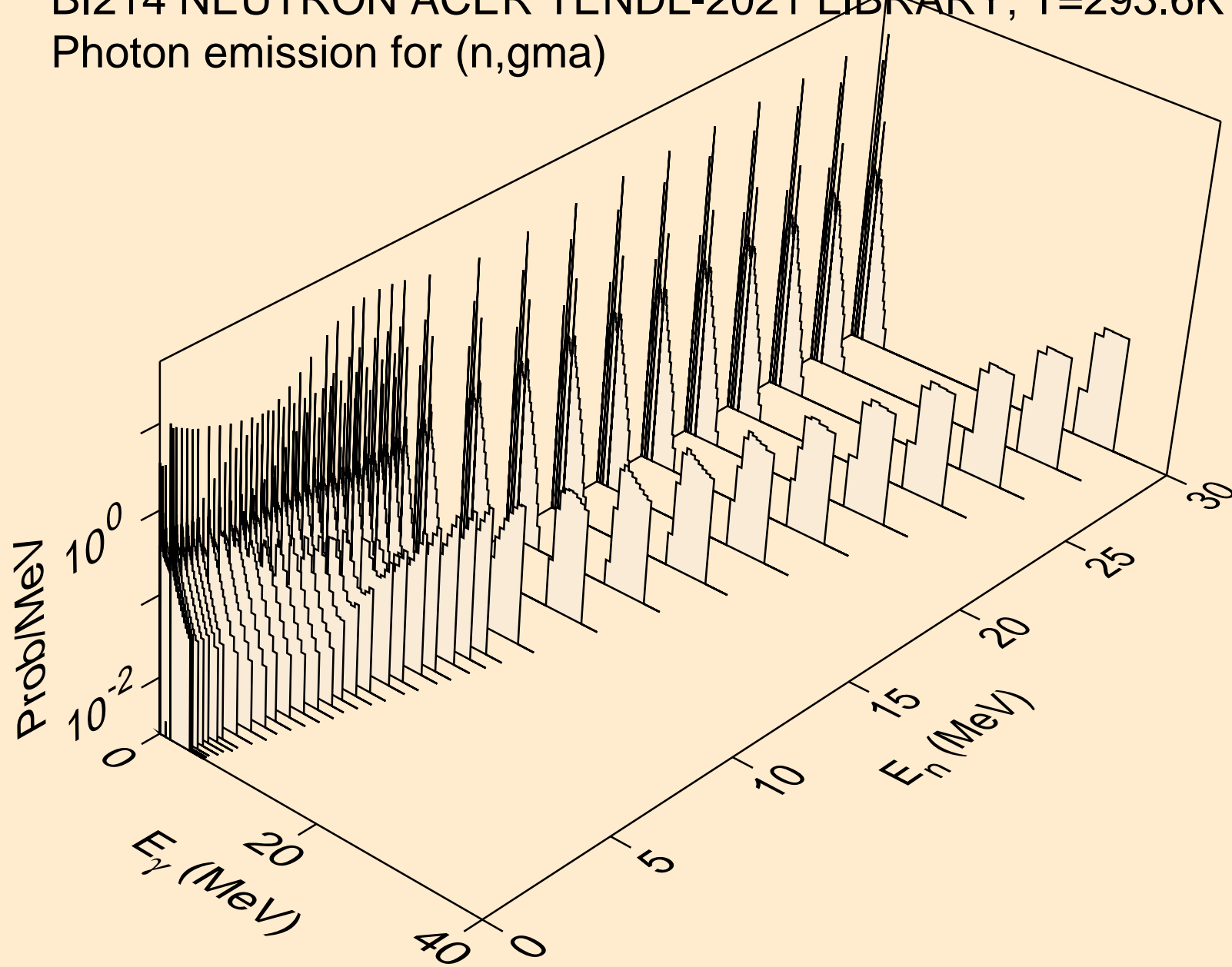
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Photon emission for (n,2np)



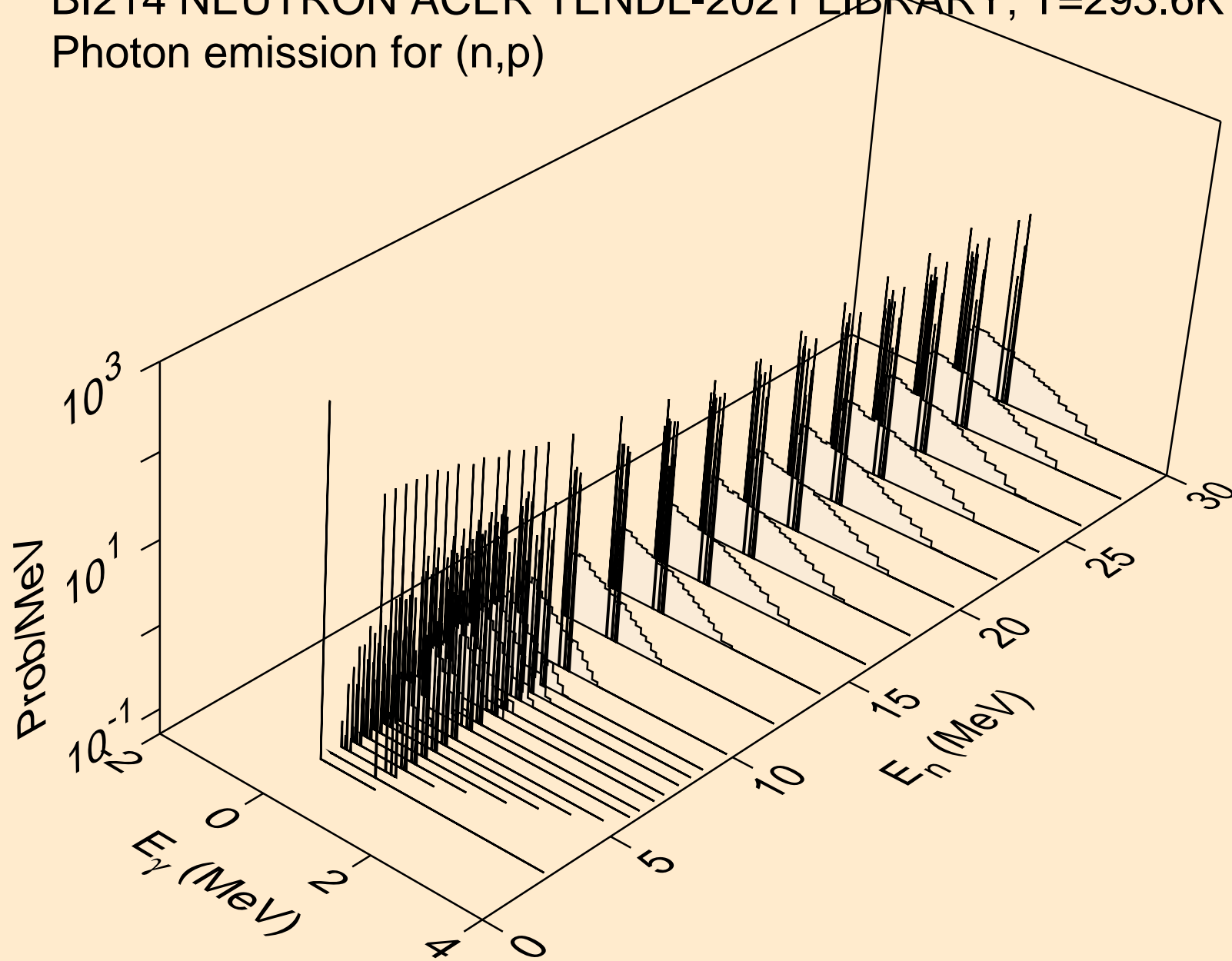
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Photon emission for (n,n\*c)



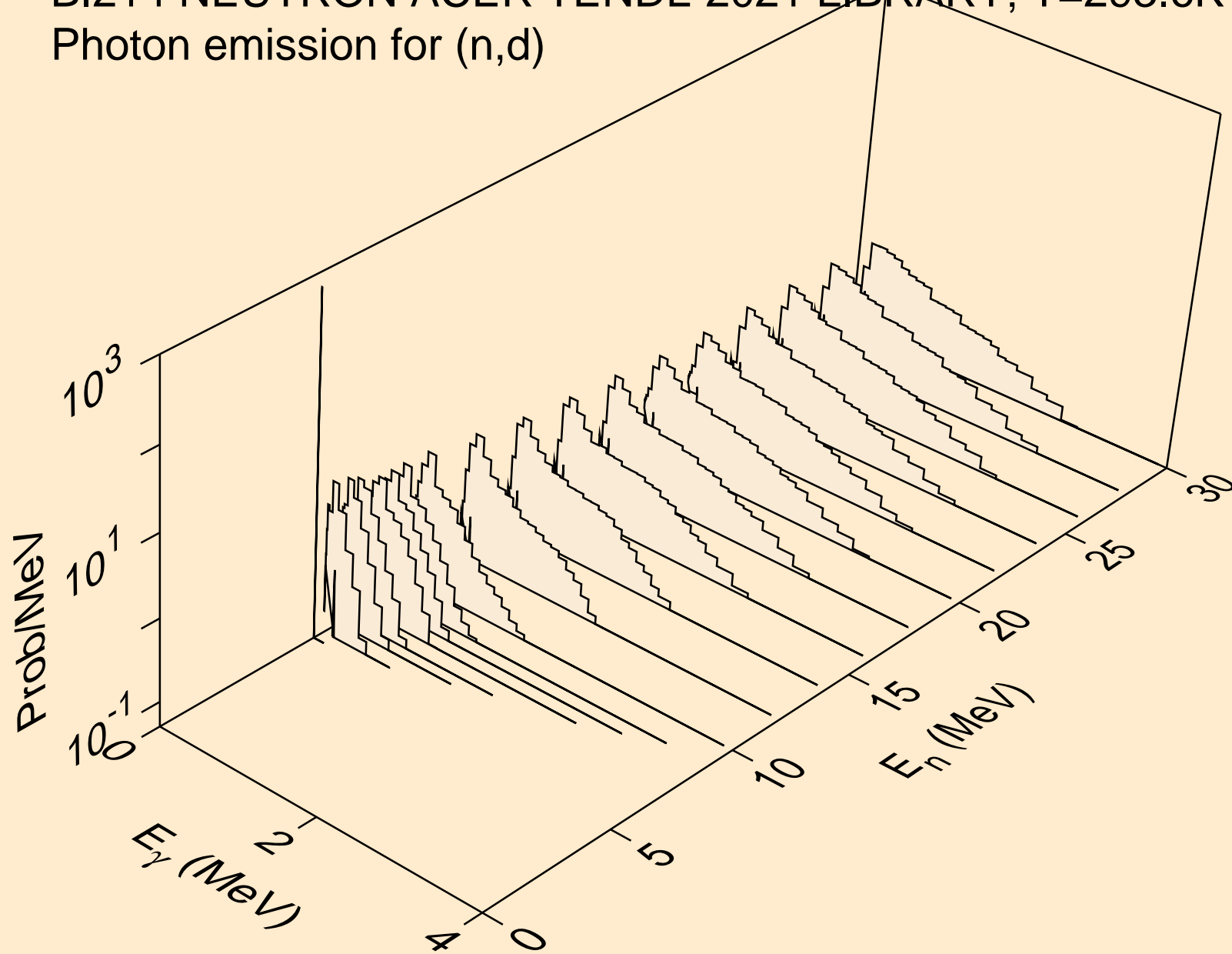
BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,gma)



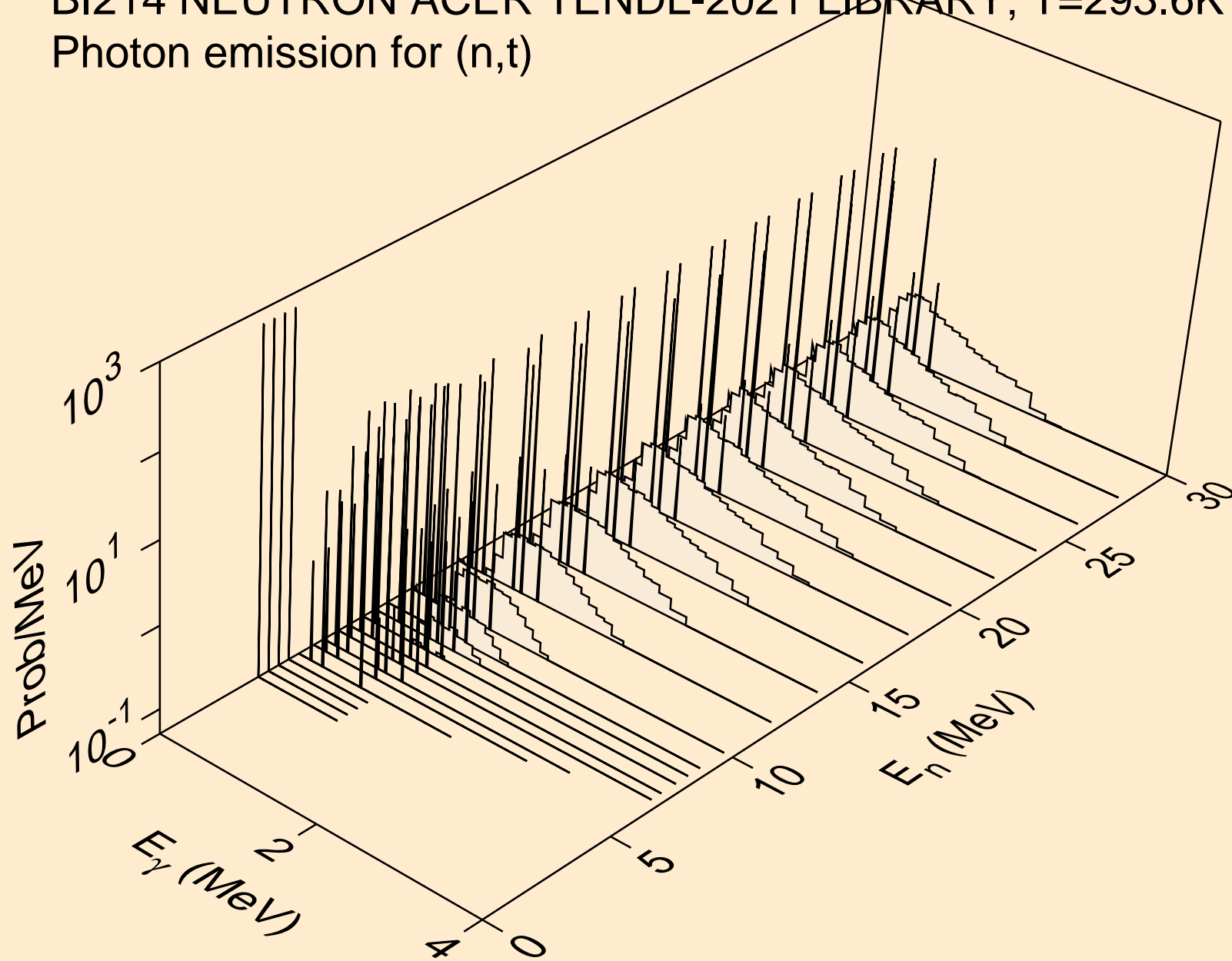
BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p)



BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,d)

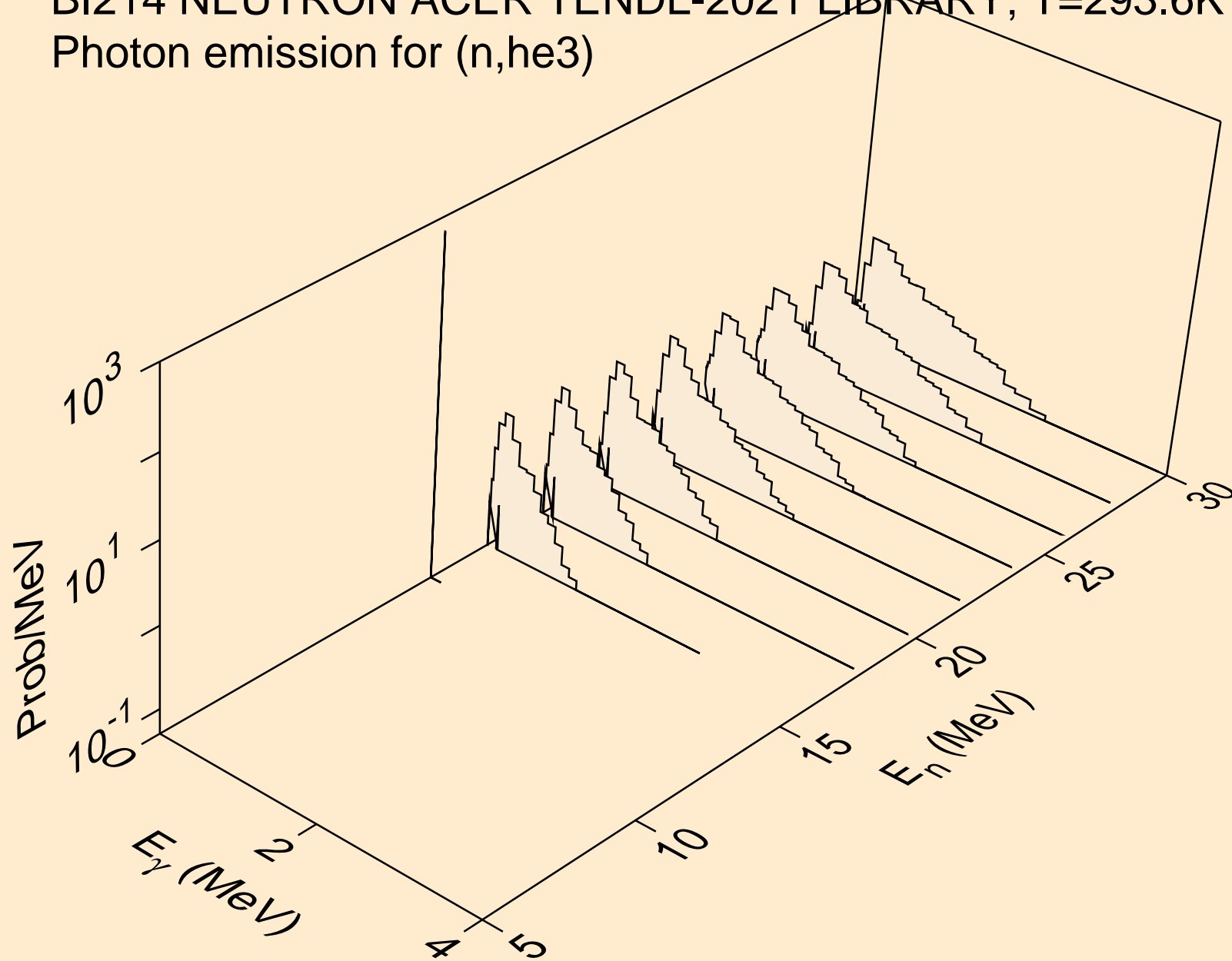


BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,t)

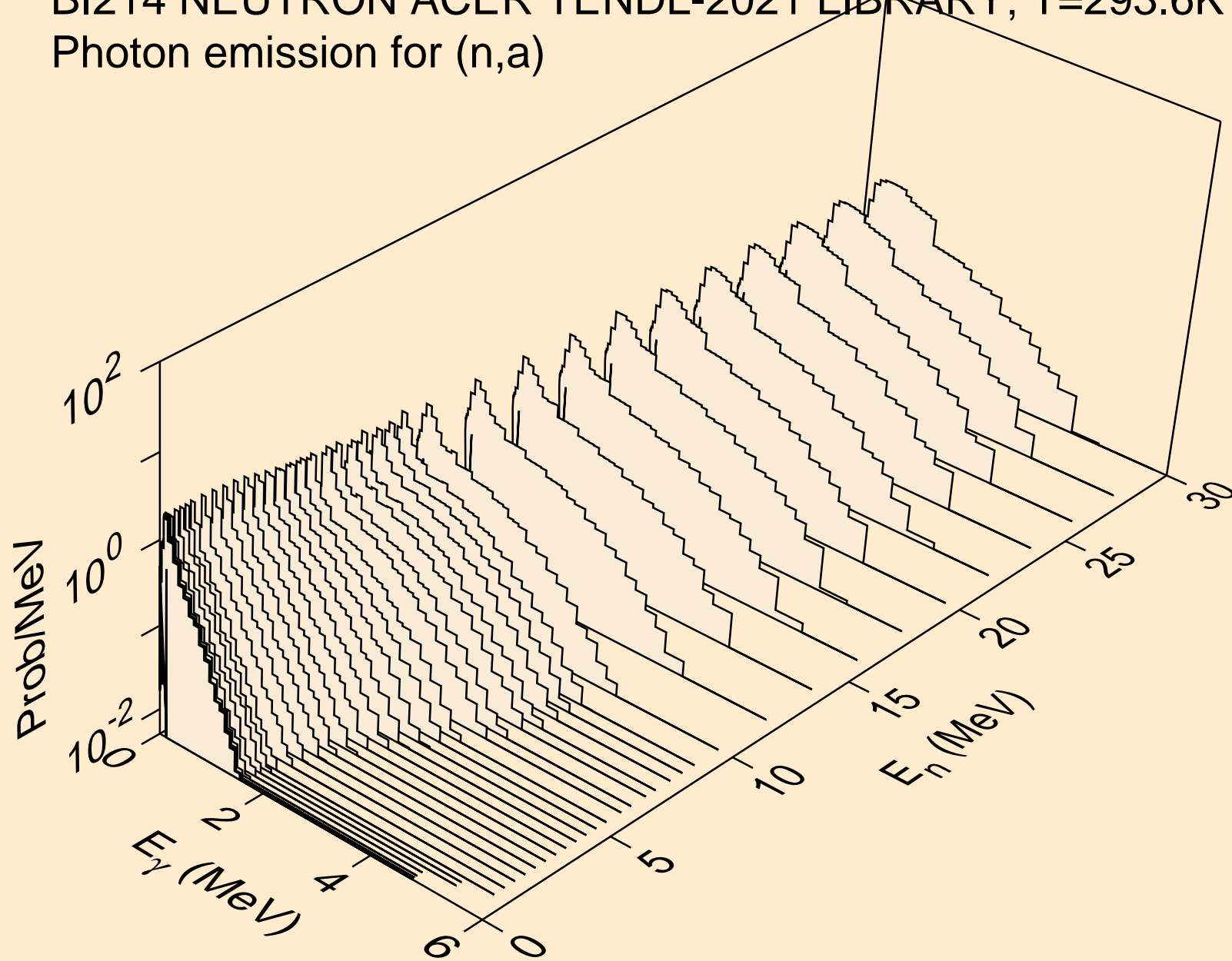




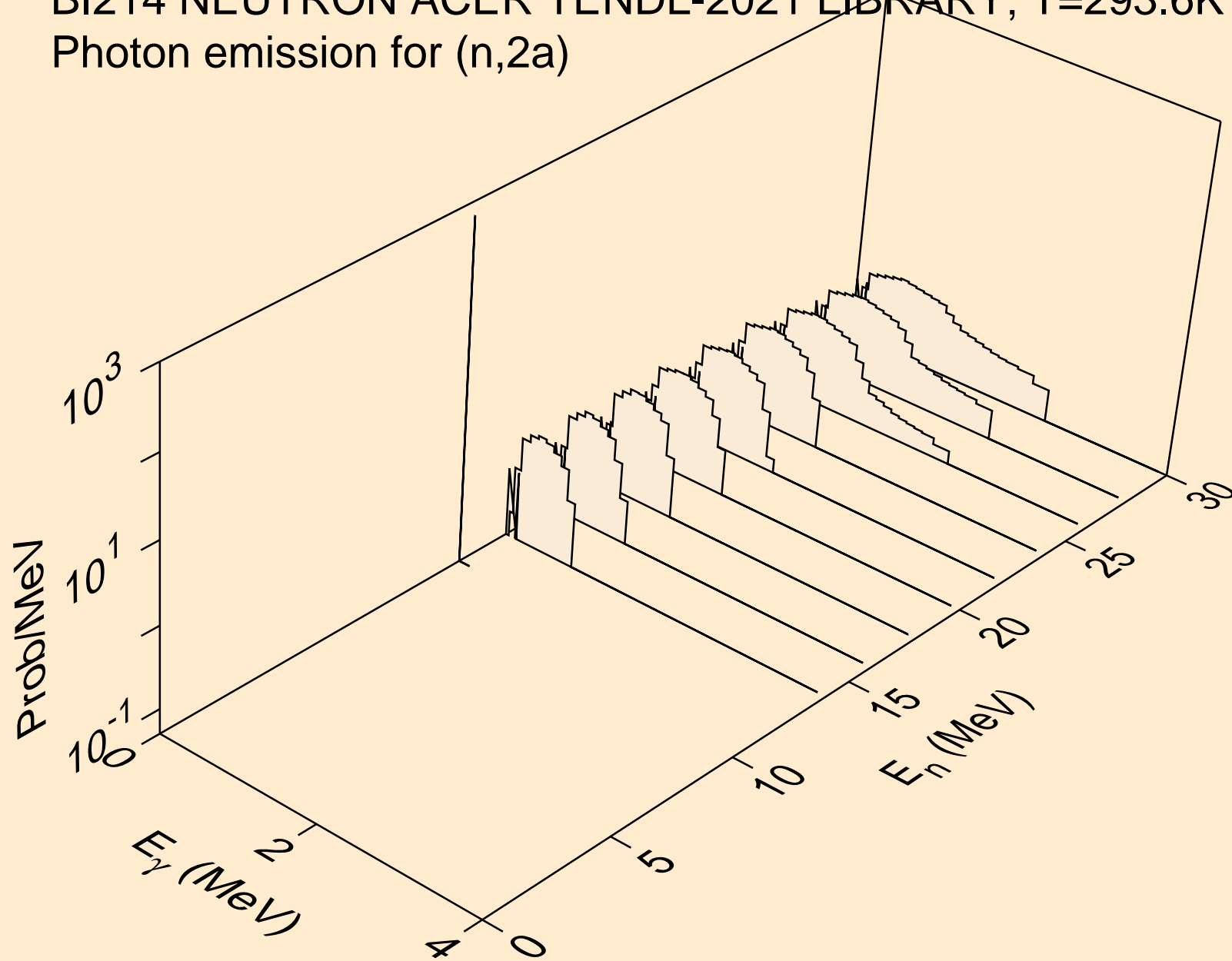
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Photon emission for (n,he3)



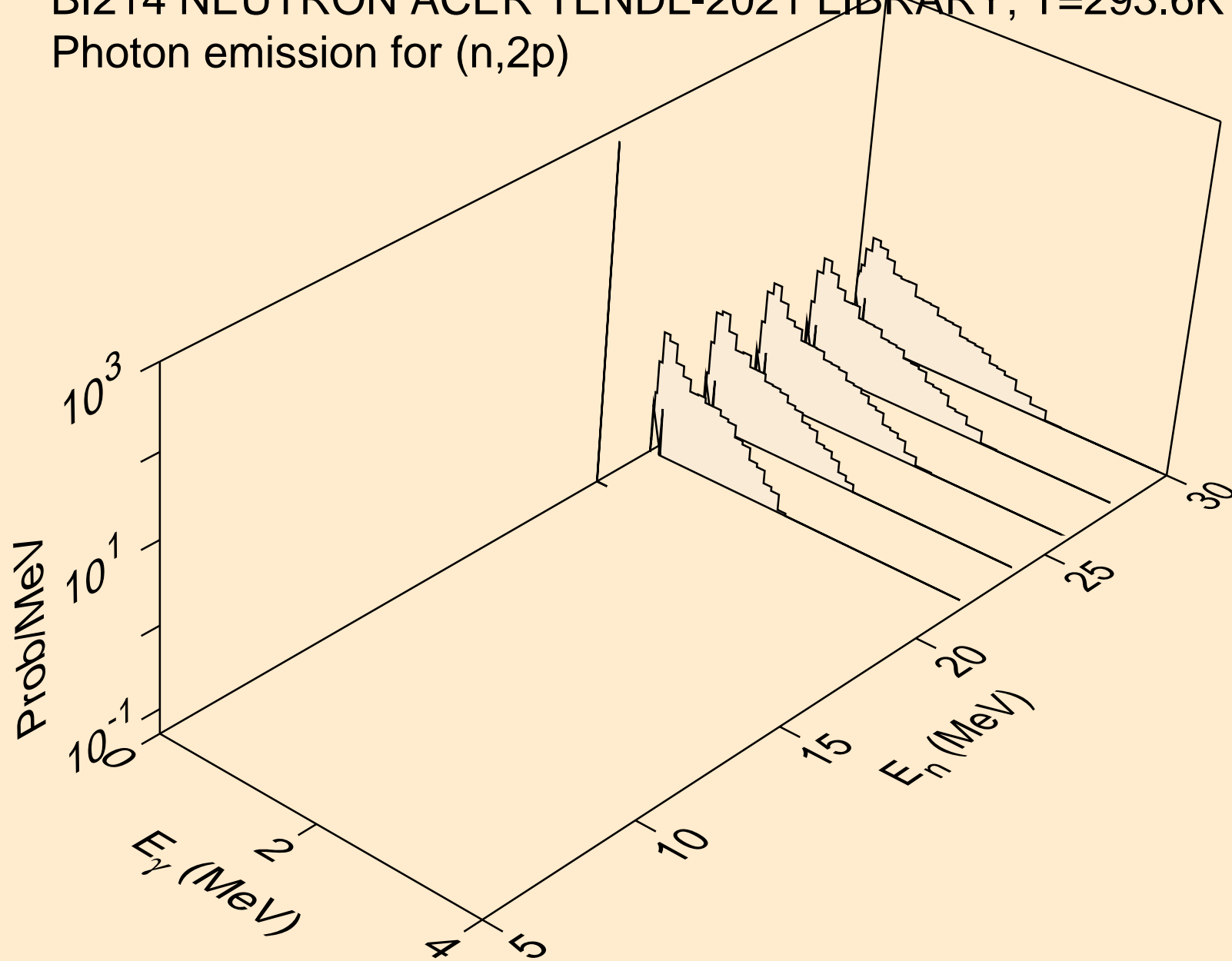
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Photon emission for (n,a)



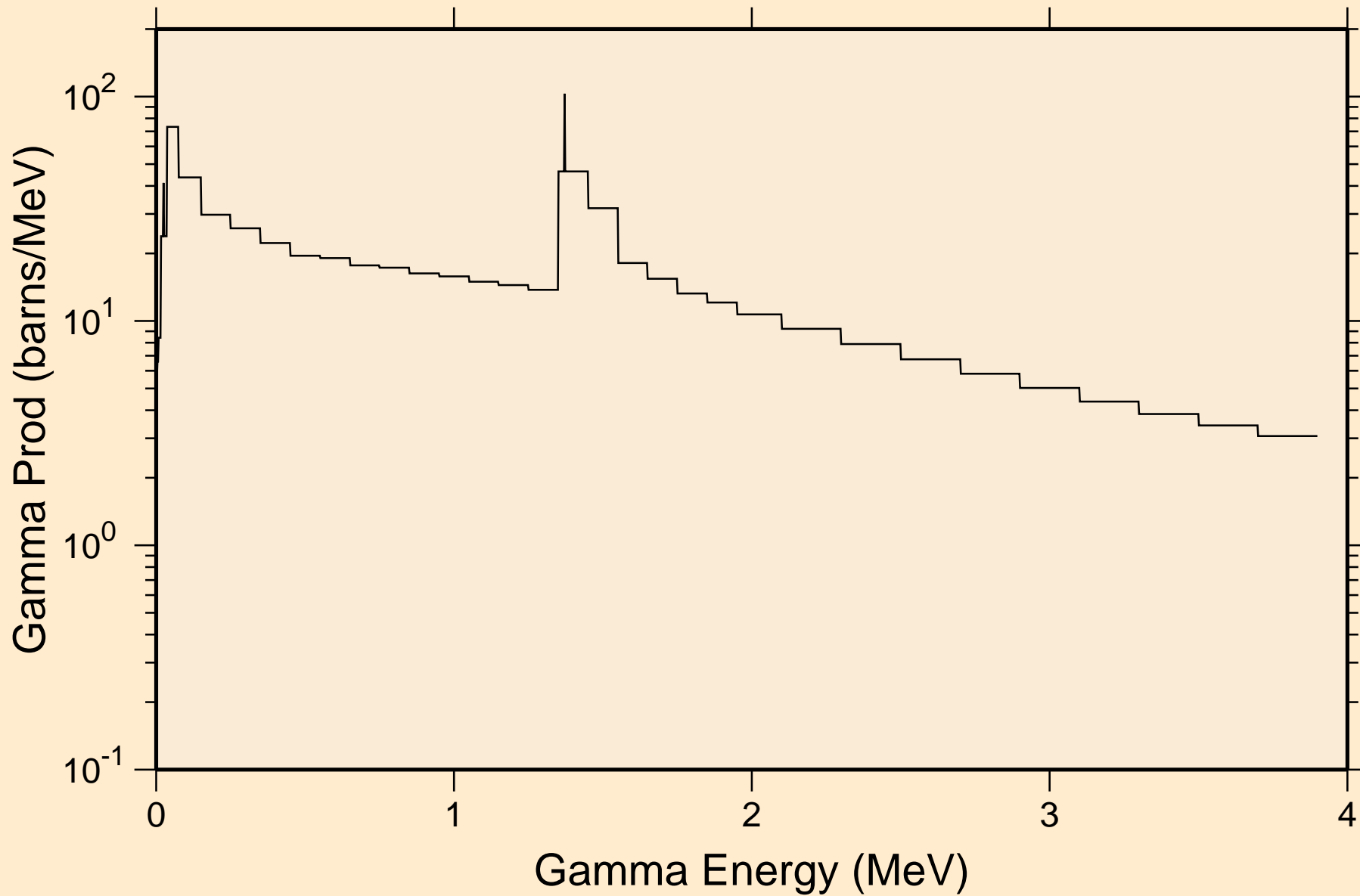
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Photon emission for (n,2a)



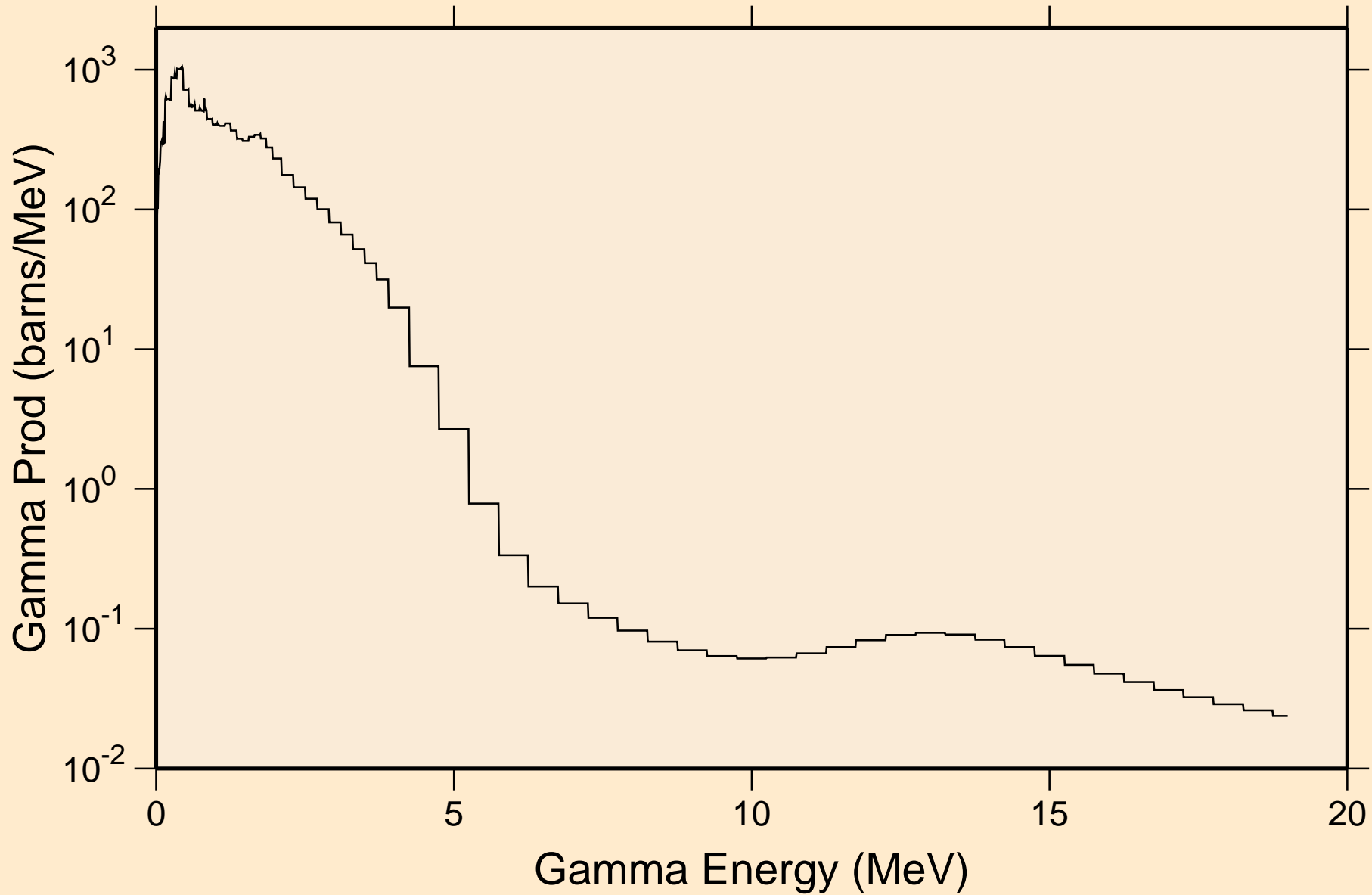
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Photon emission for (n,2p)



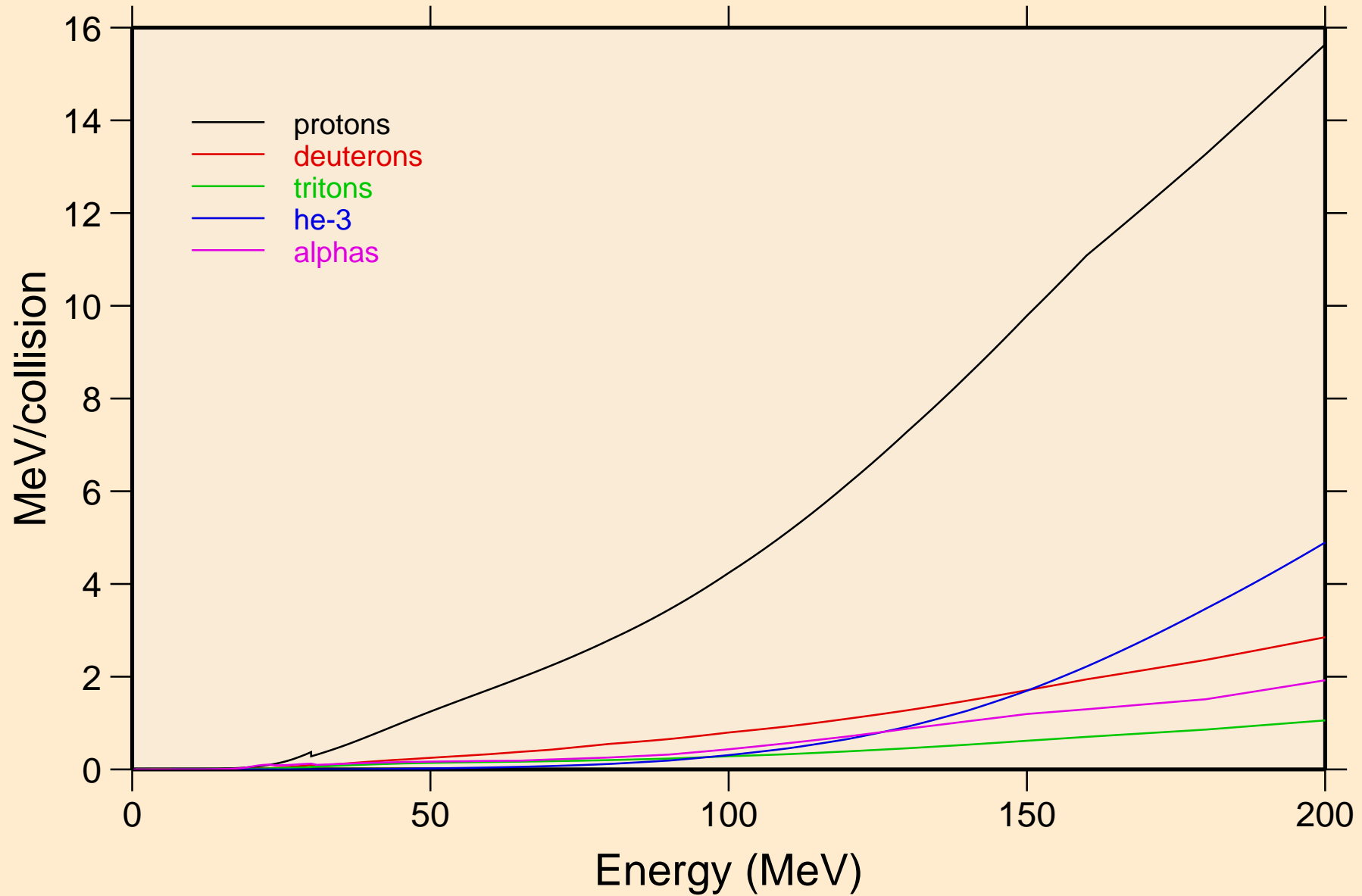
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thermal capture photon spectrum



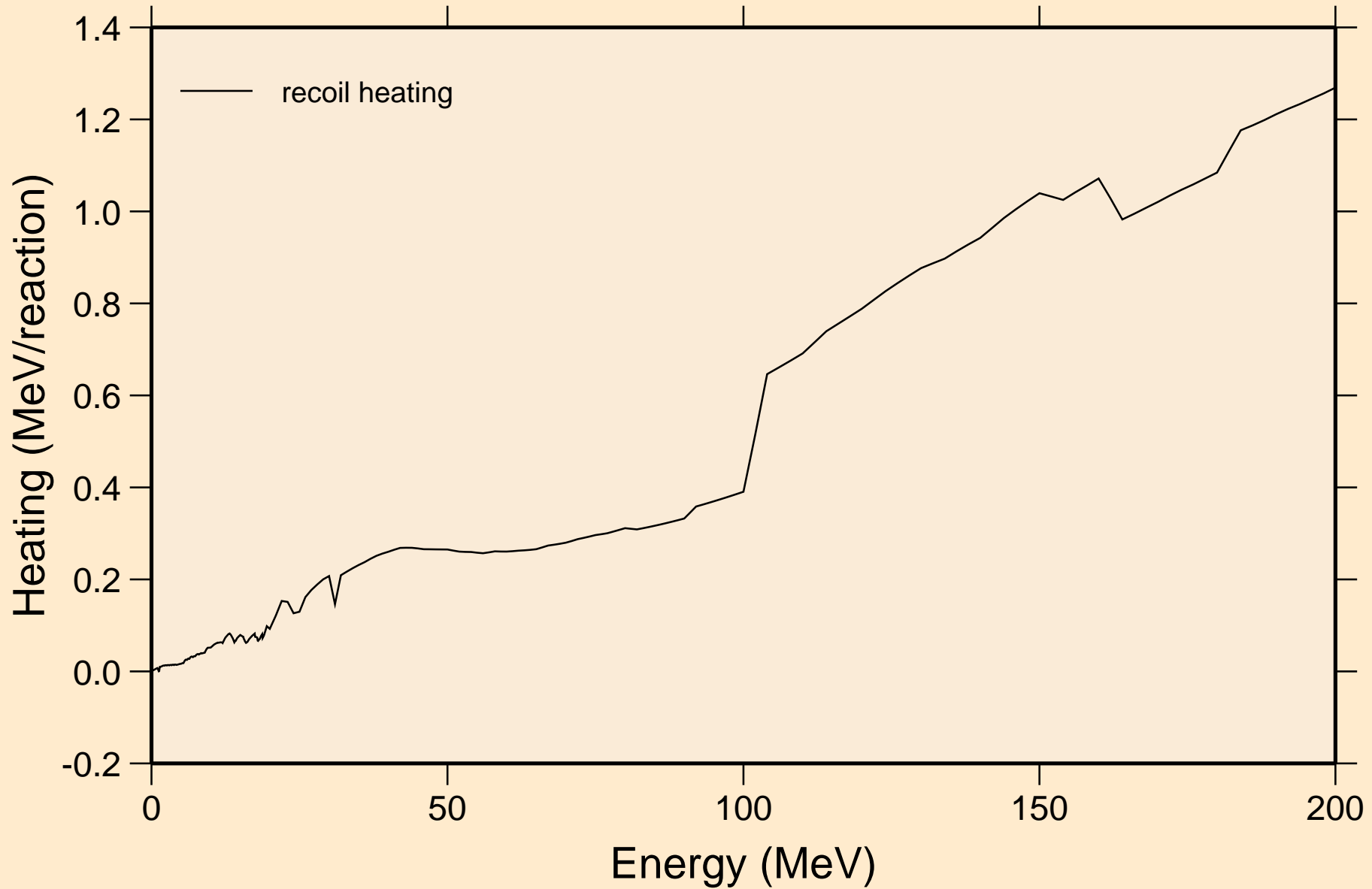
BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
14 MeV photon spectrum



BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Particle heating contributions

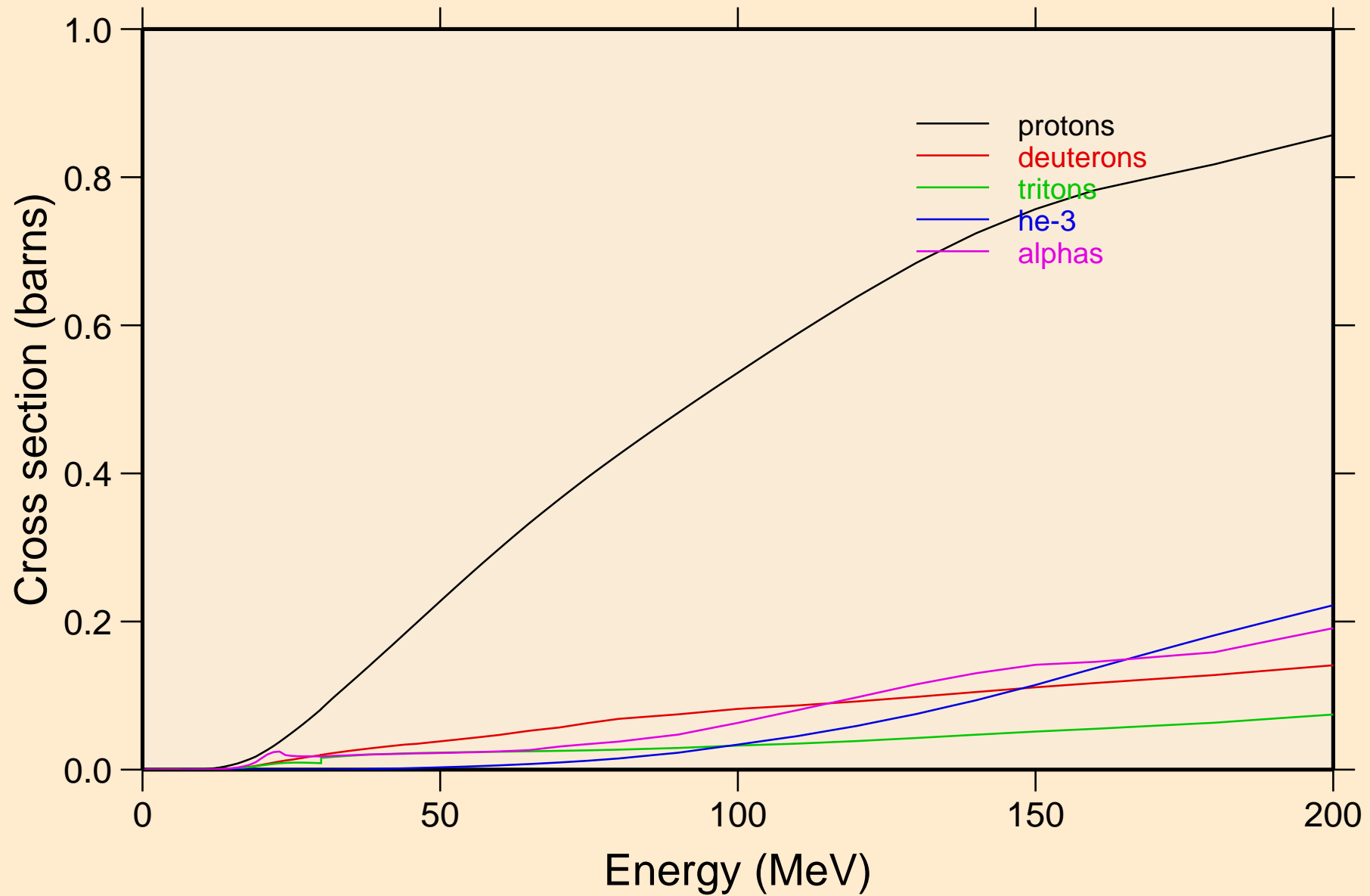


BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Recoil Heating

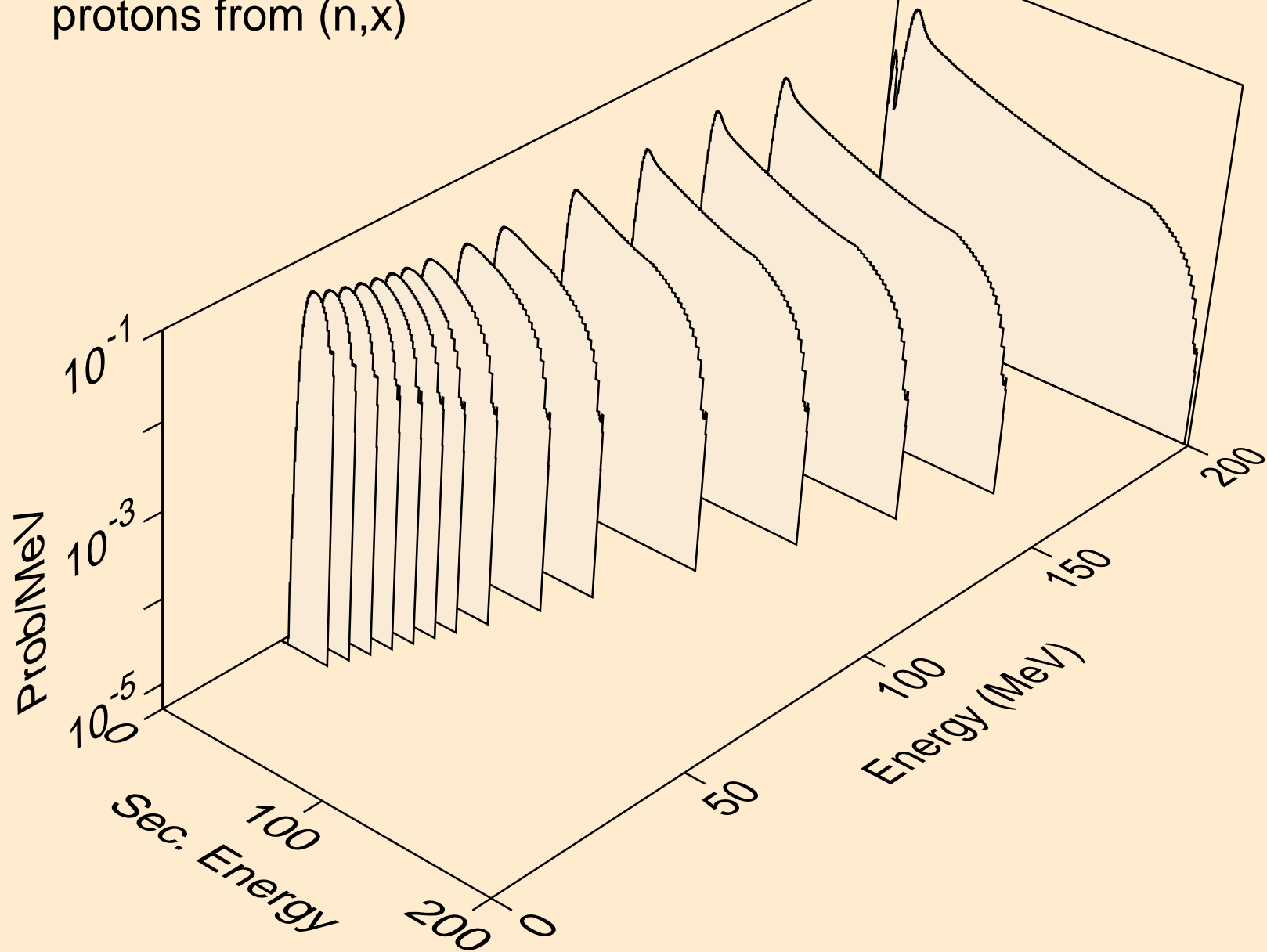




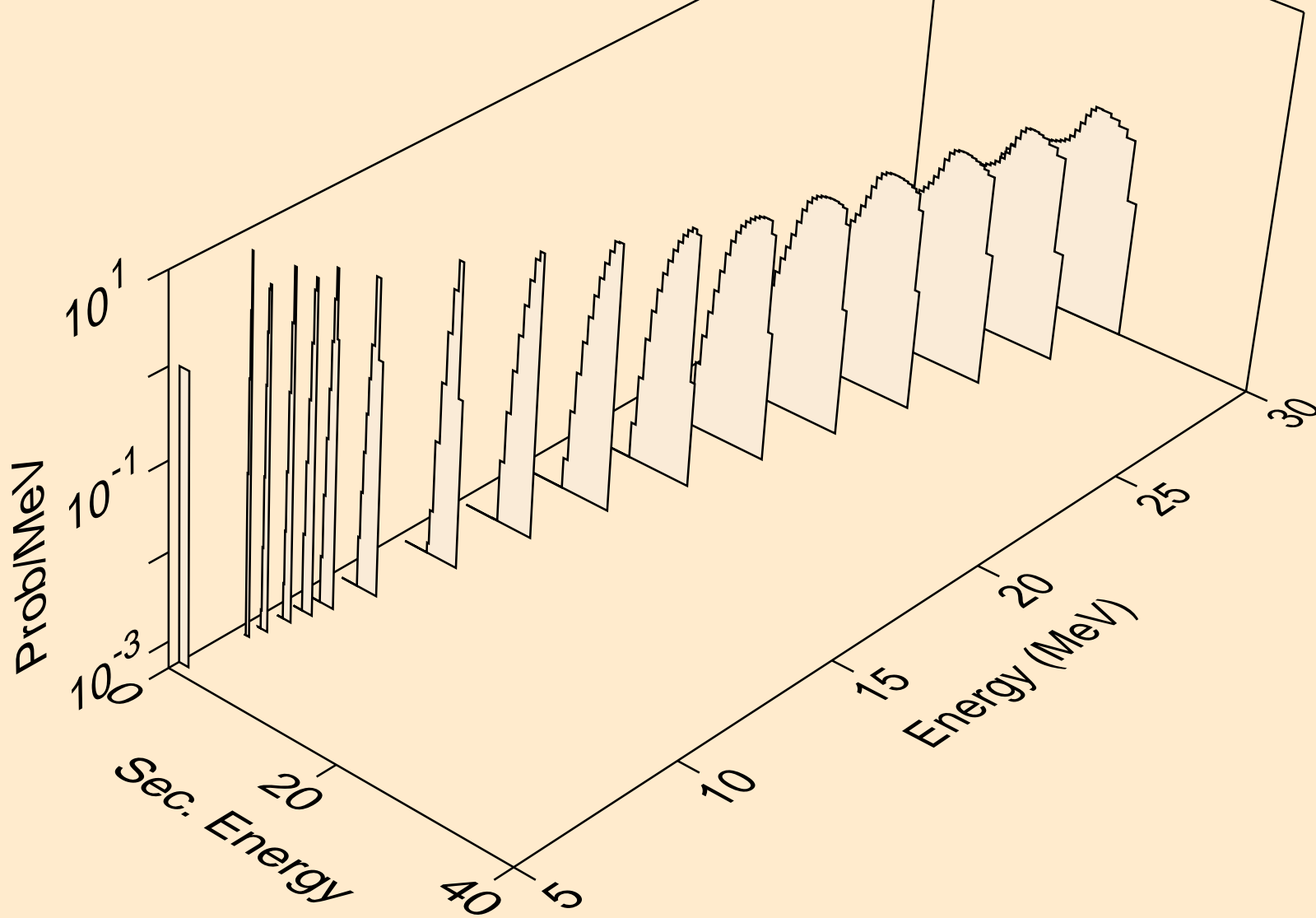
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Particle production cross sections



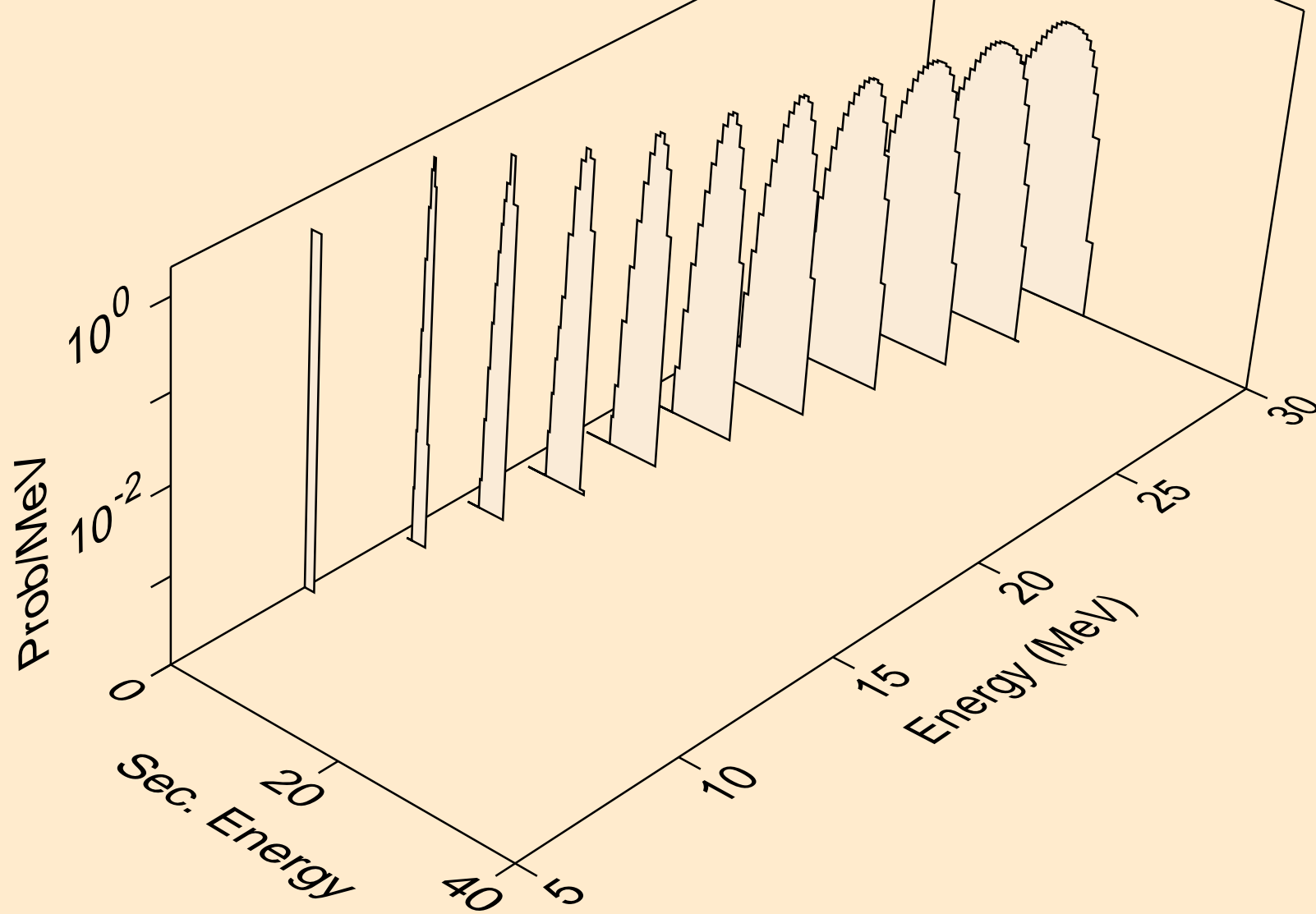
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protons from (n,x)



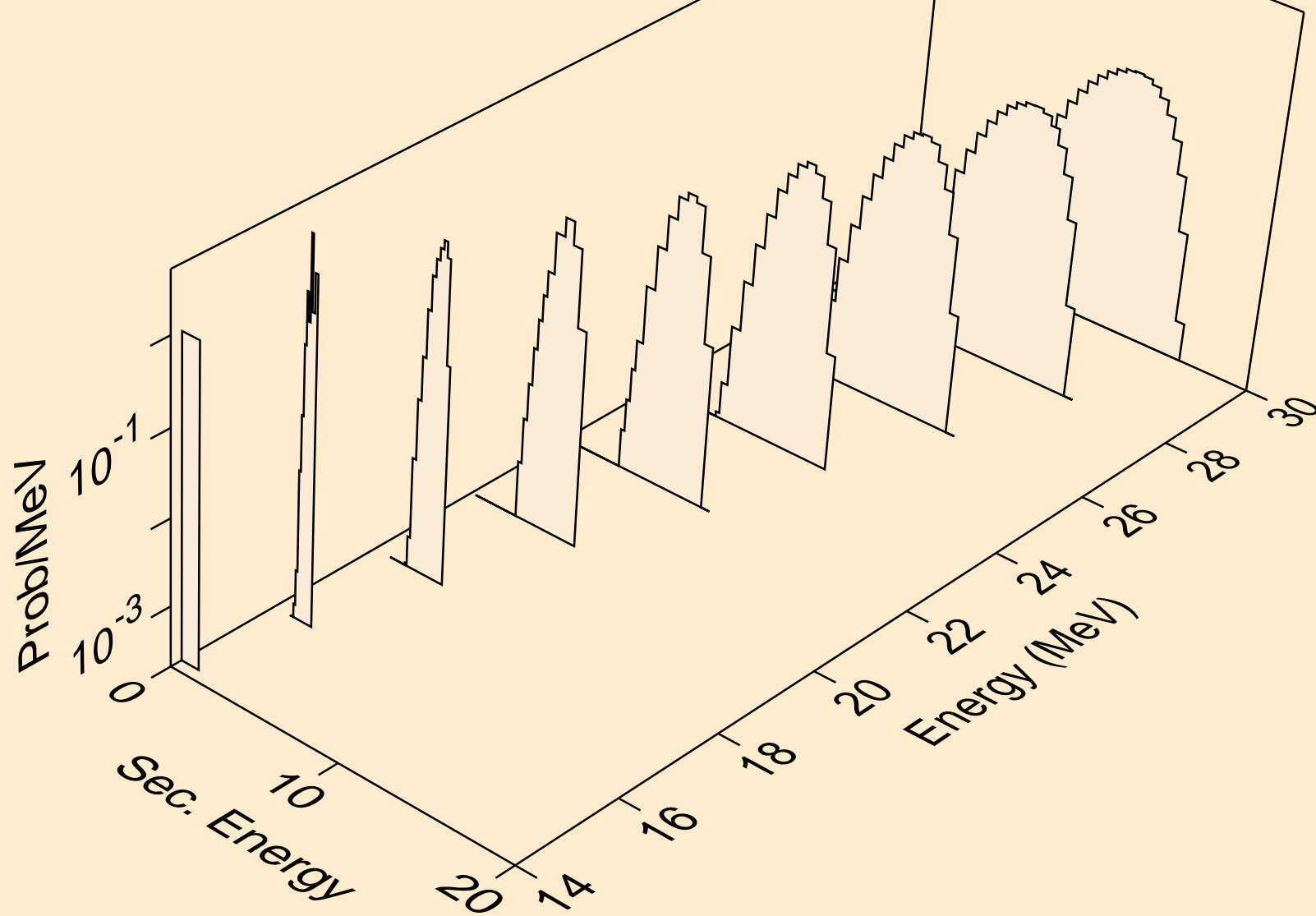
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protons from (n,n\*)p



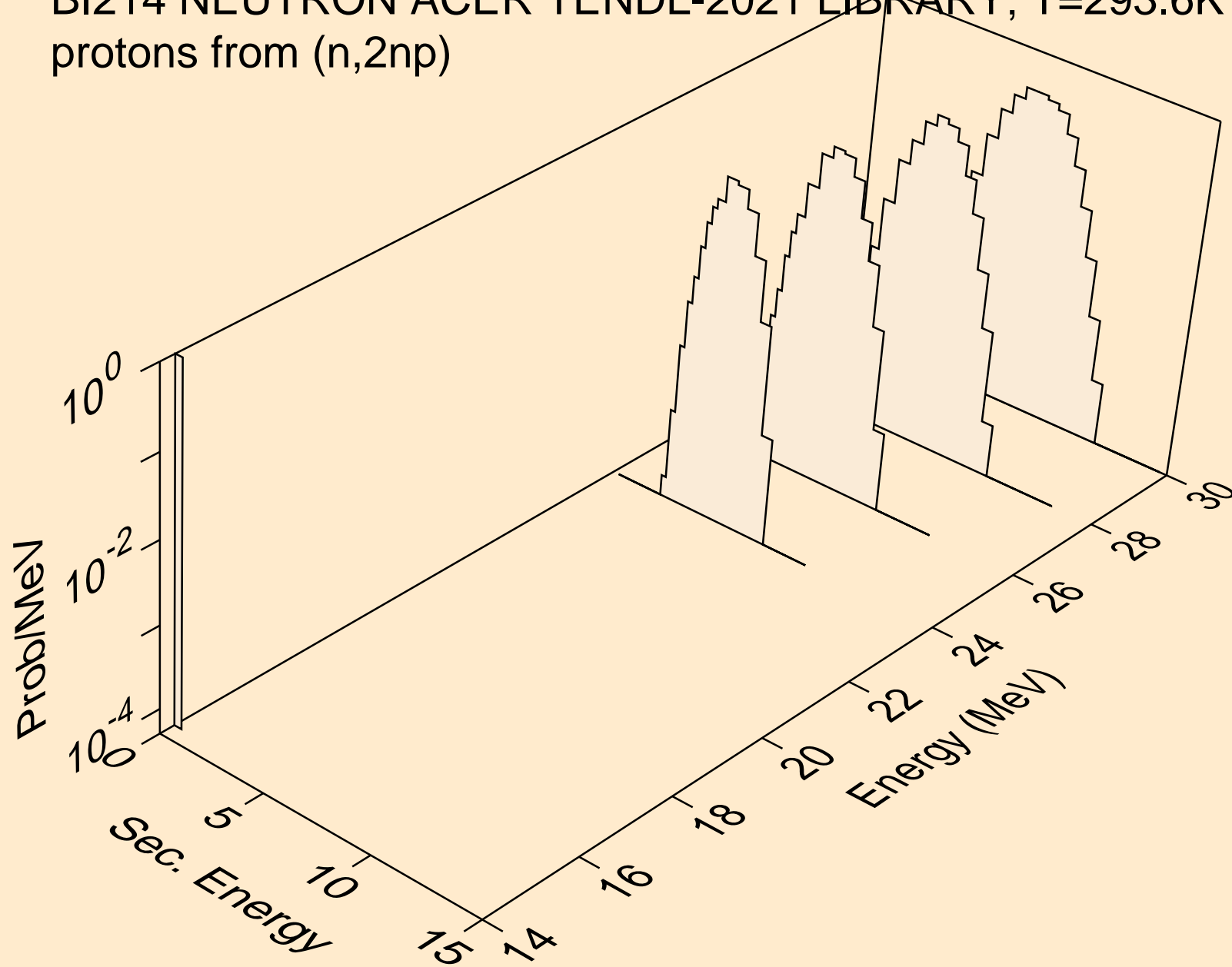
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protons from (n,2np)



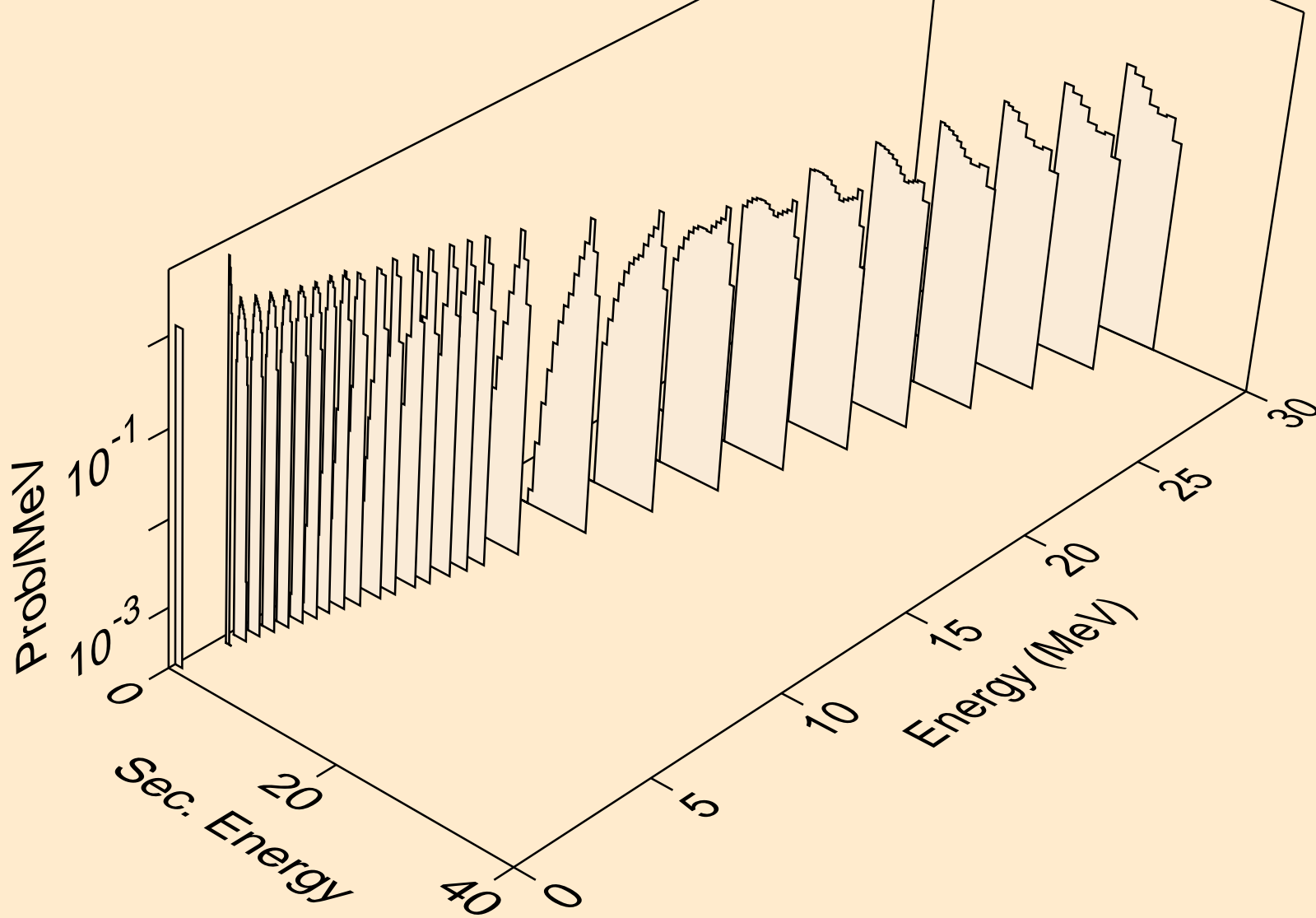
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protons from (n,3np)



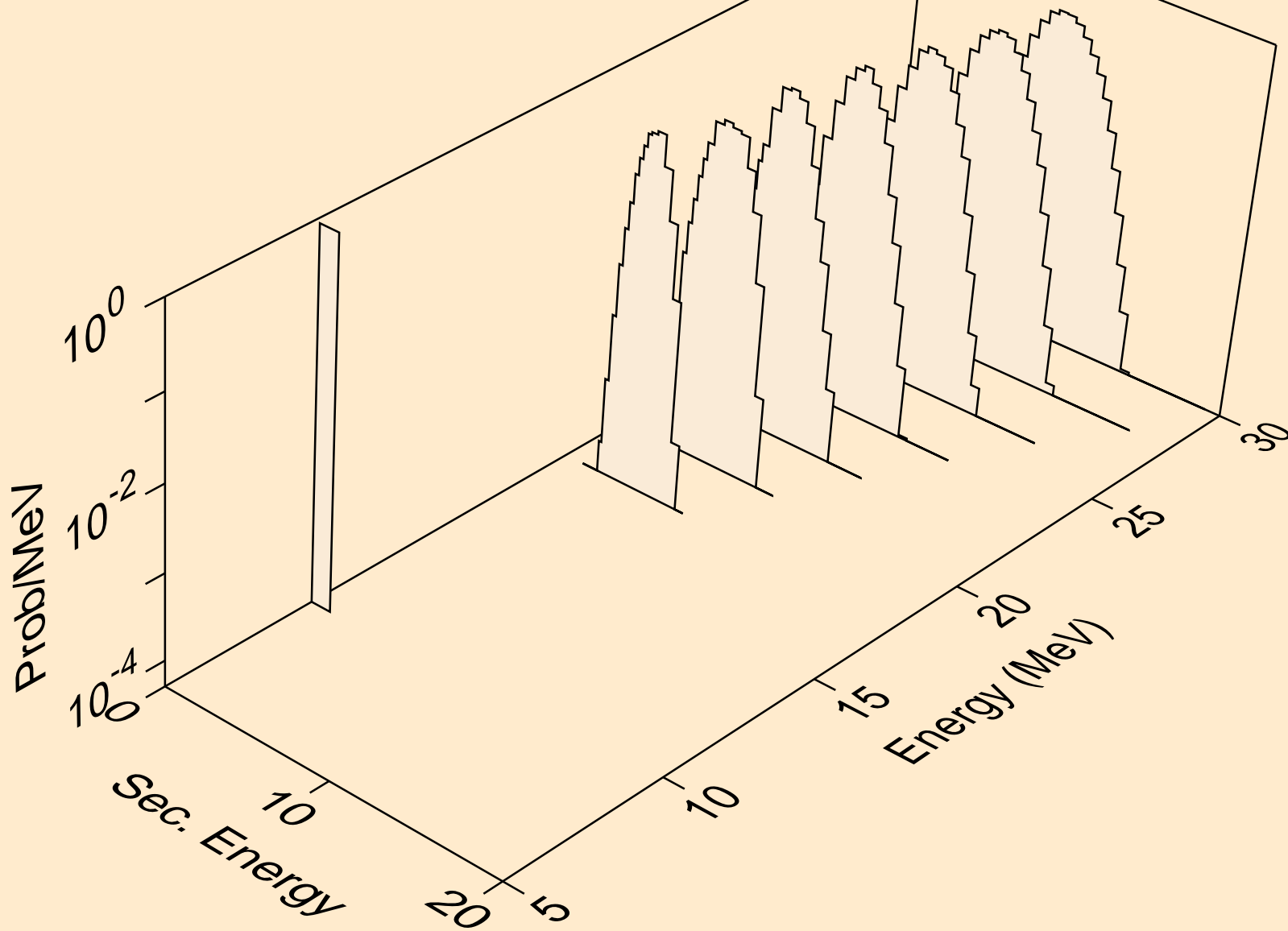
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protons from (n,2np)



BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,p)

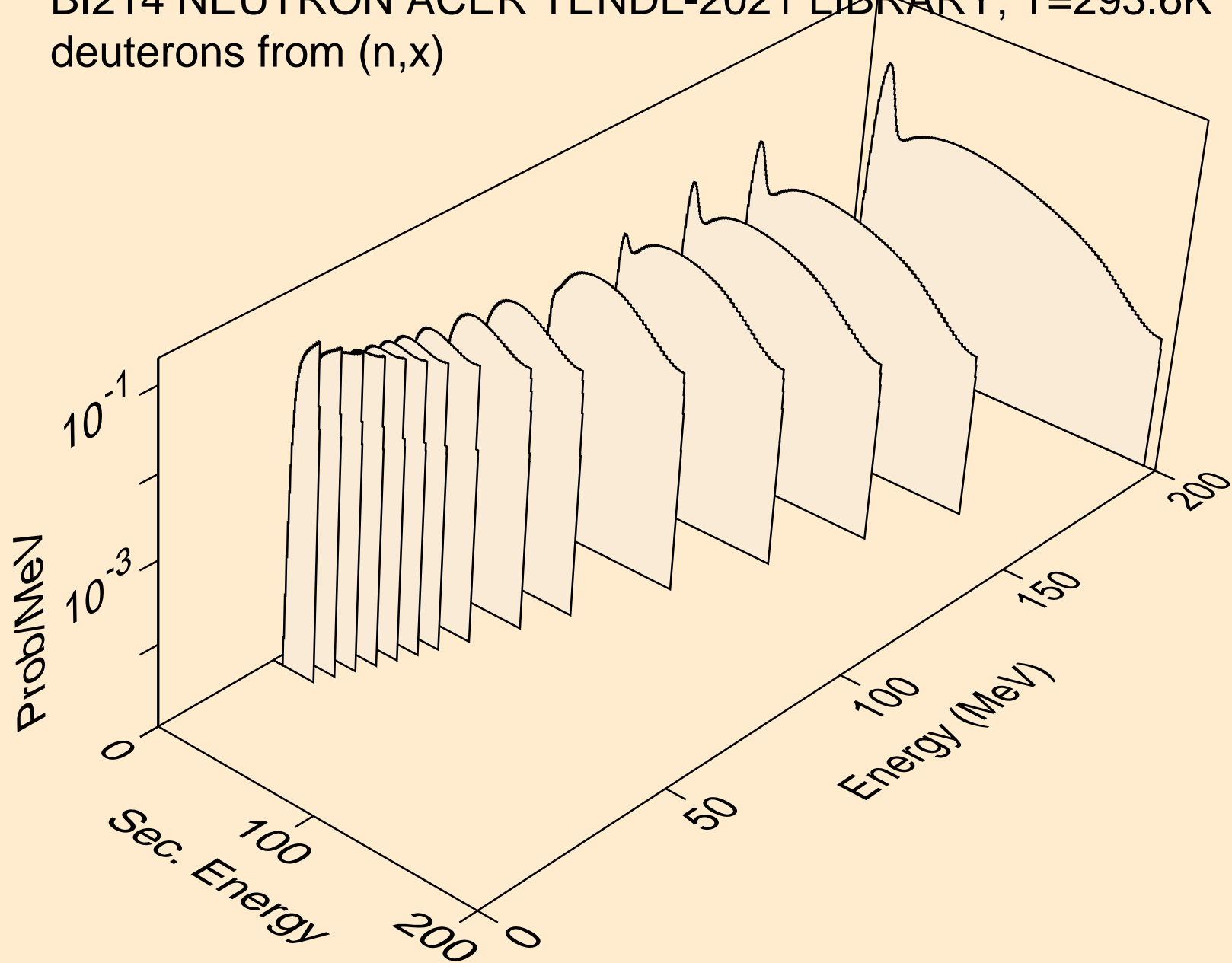


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protons from (n,2p)

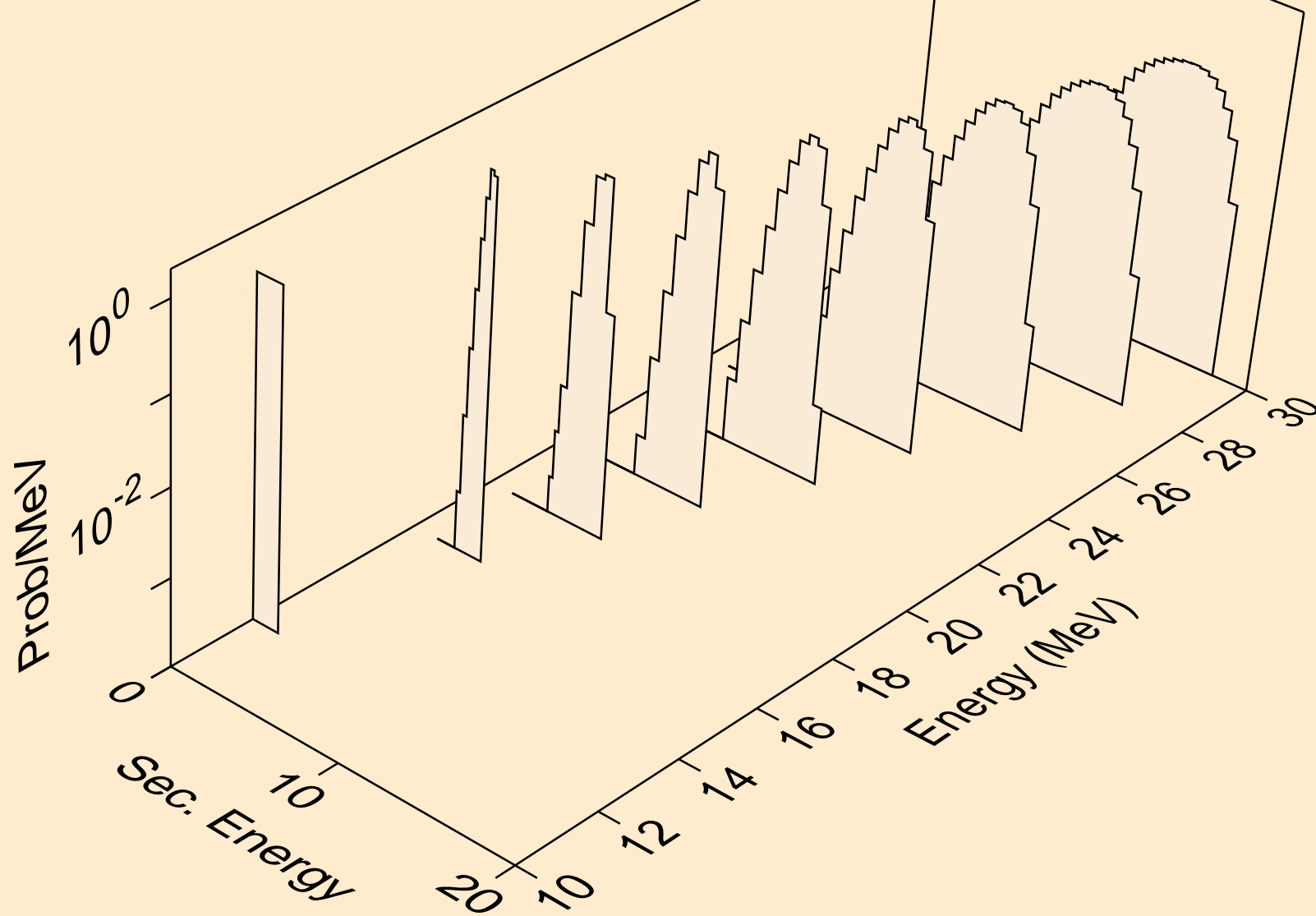




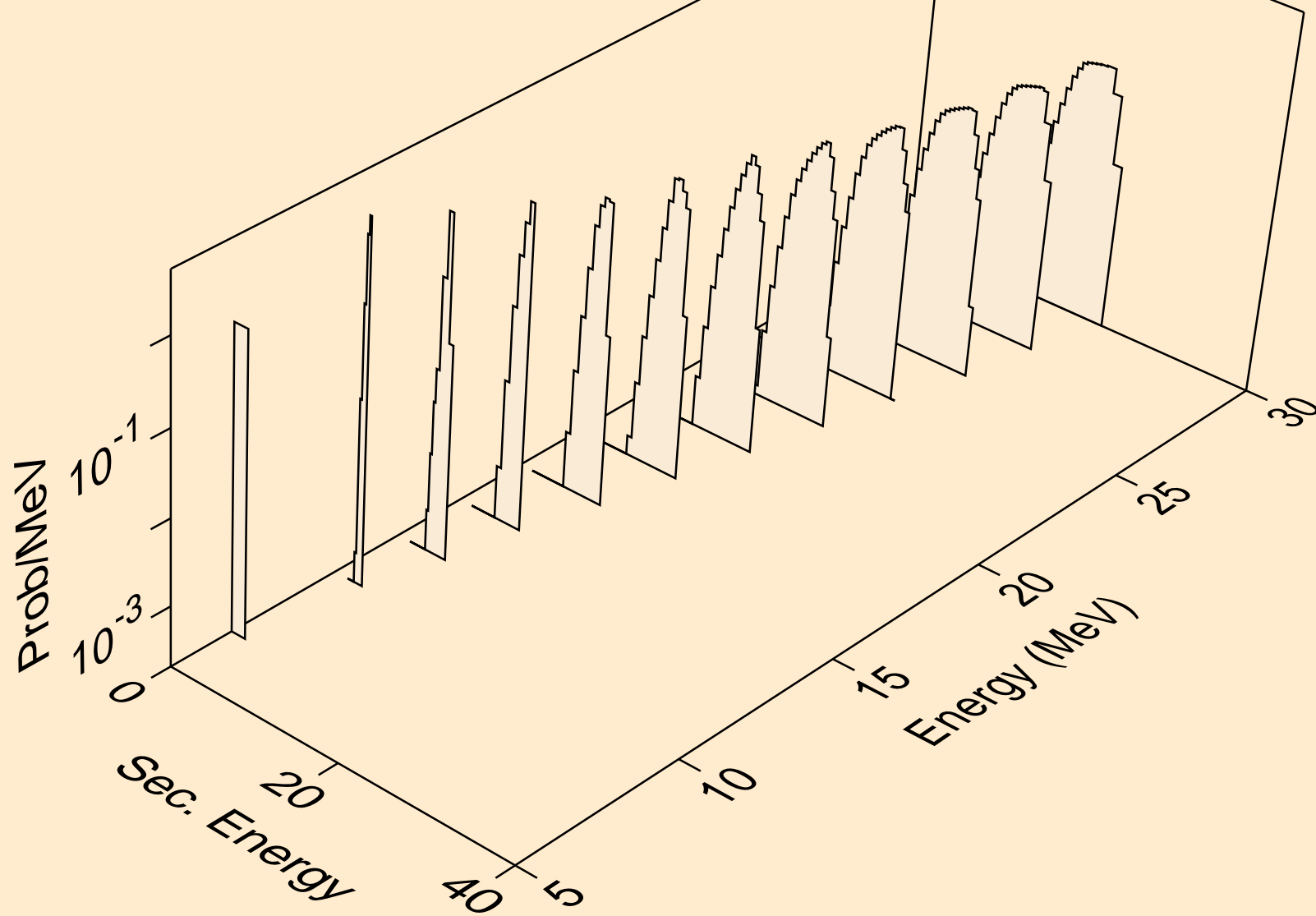
BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,x)



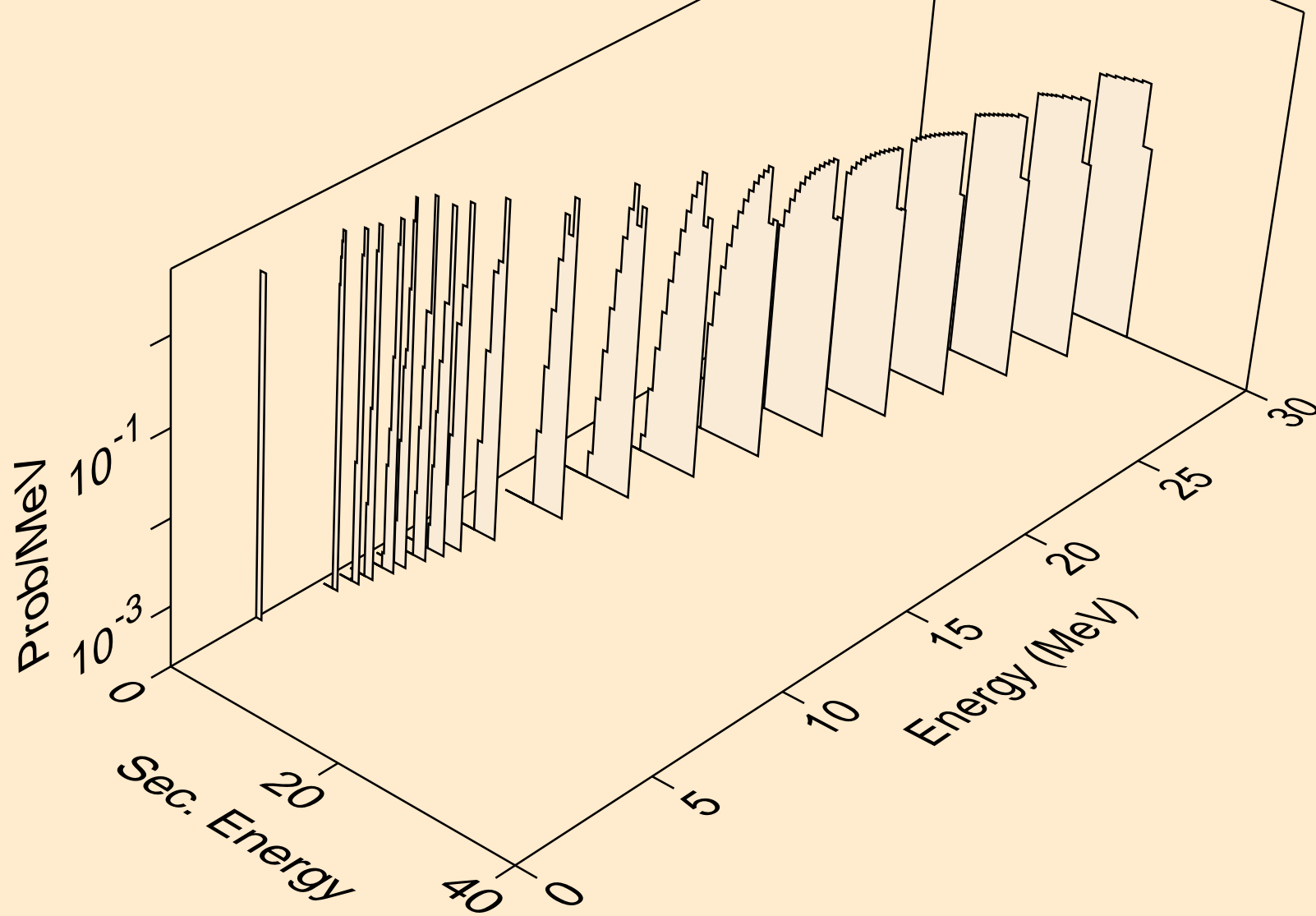
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deuterons from (n,2nd)



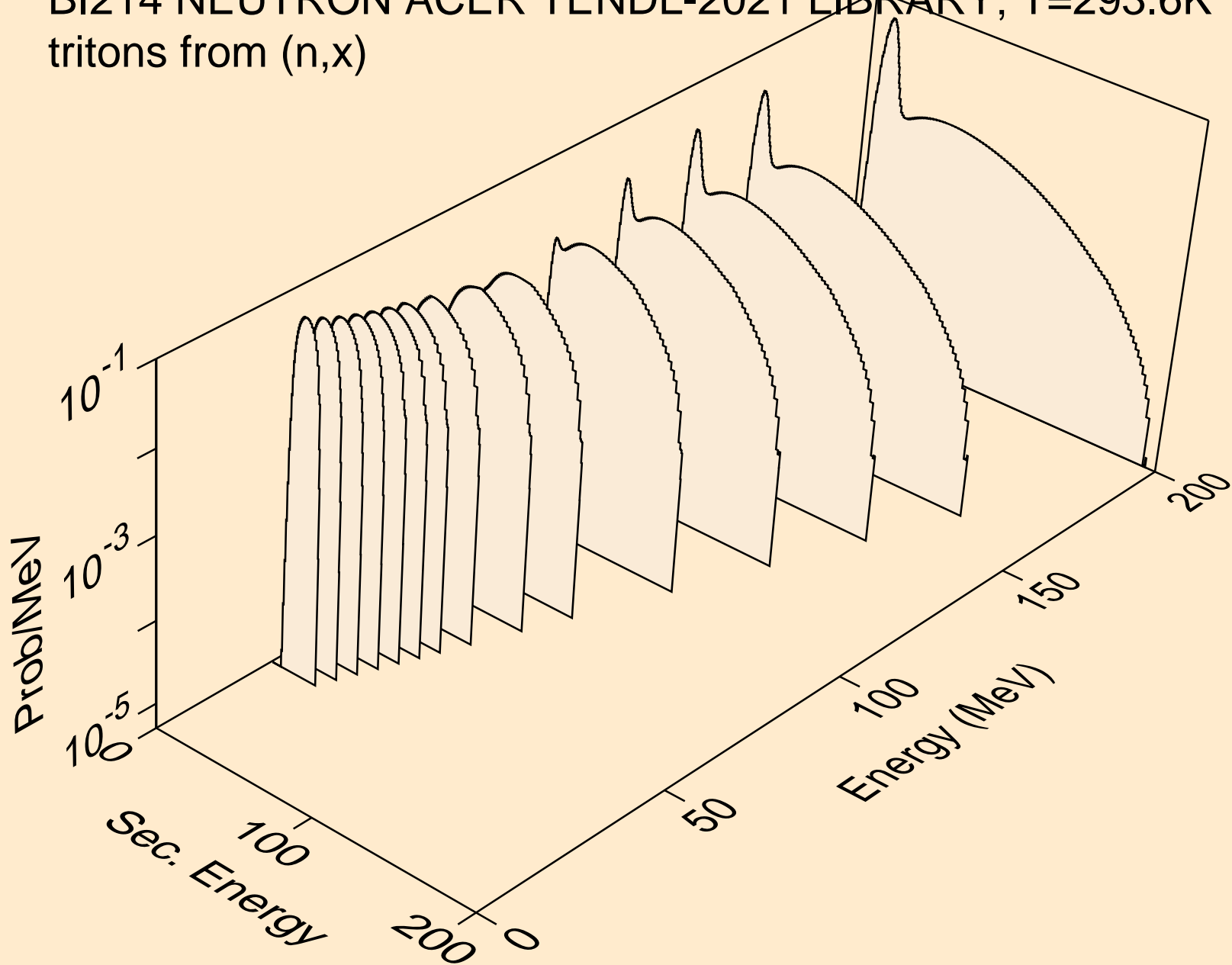
BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,n\*)d



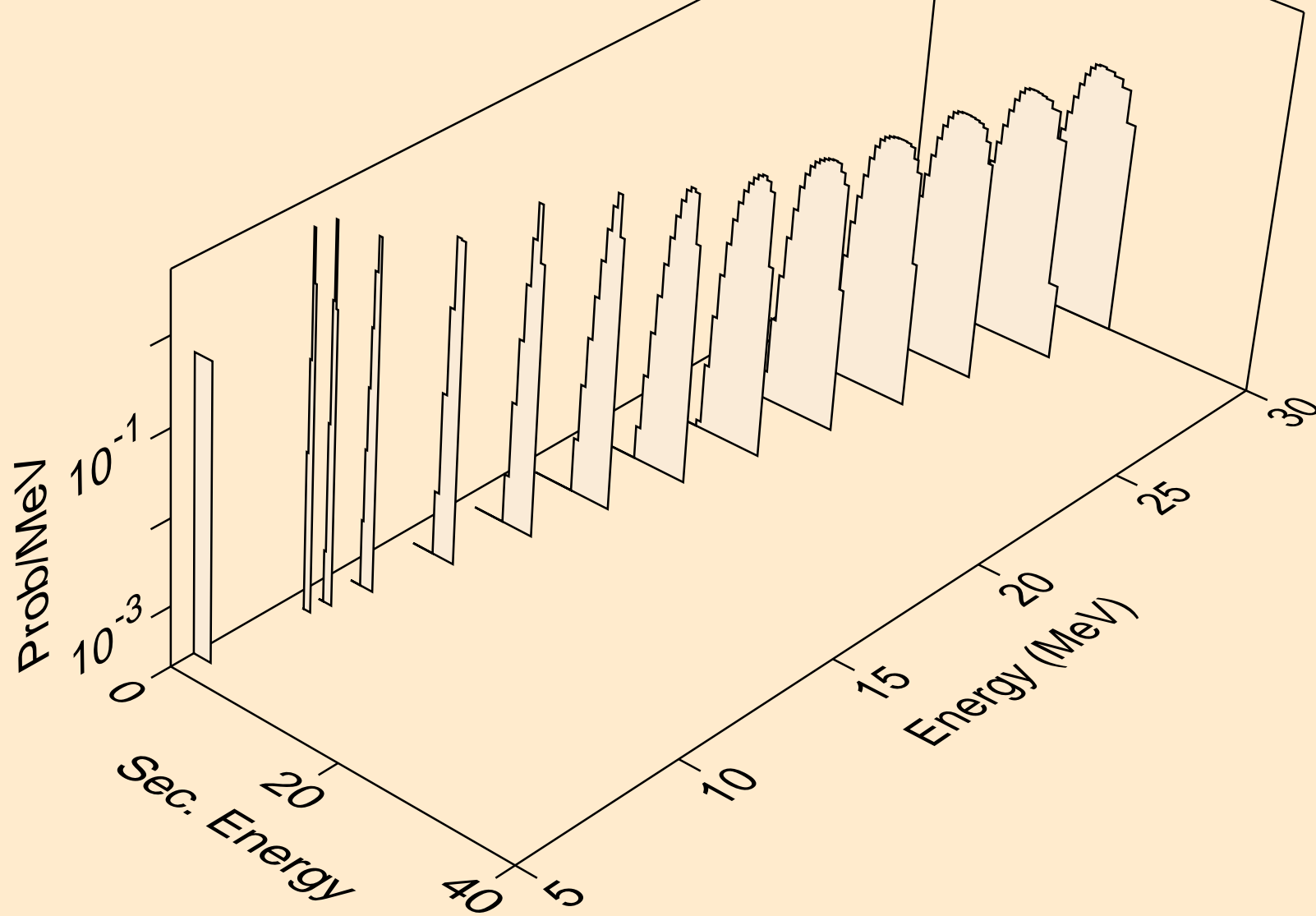
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deuterons from (n,d)



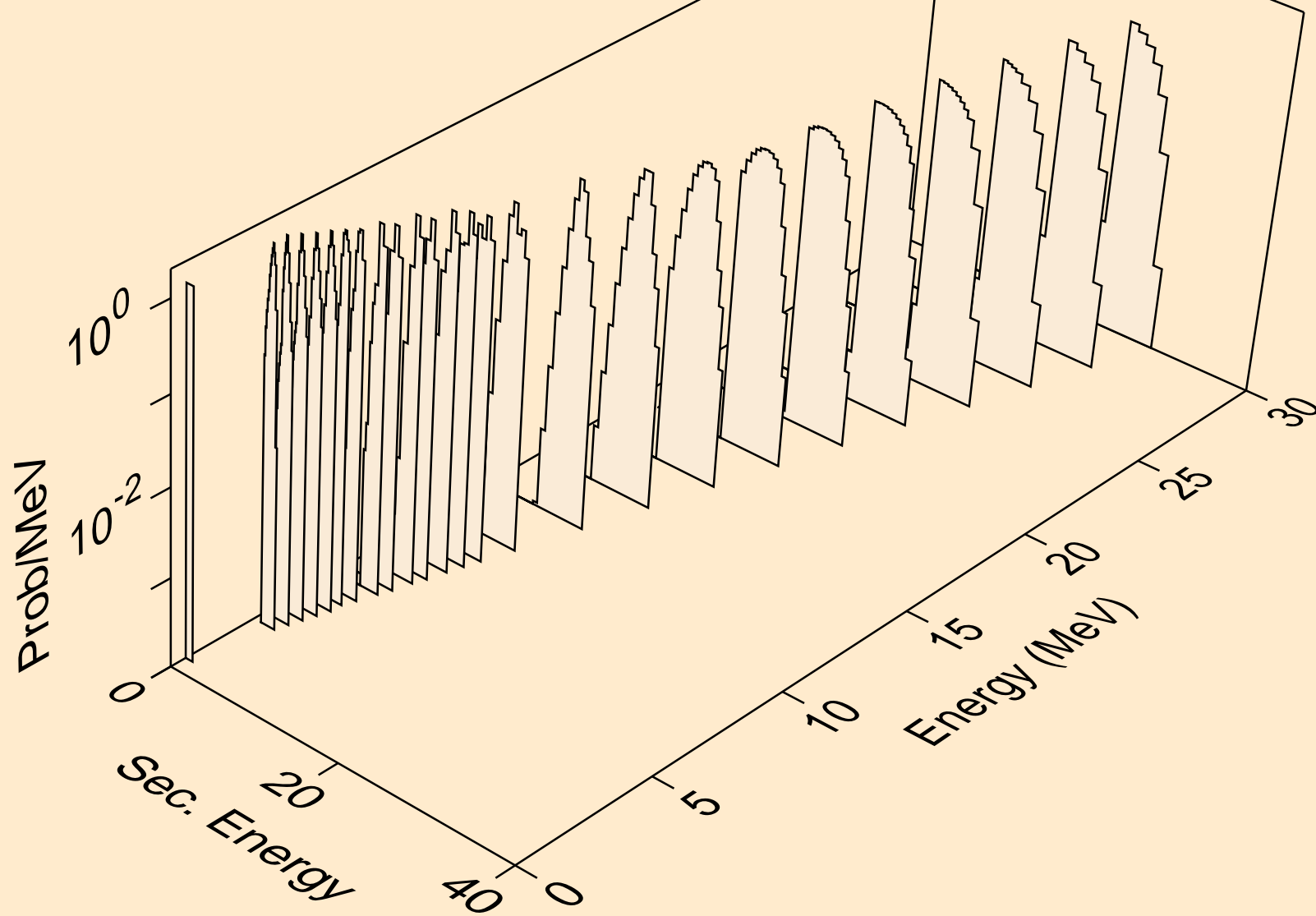
BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,x)



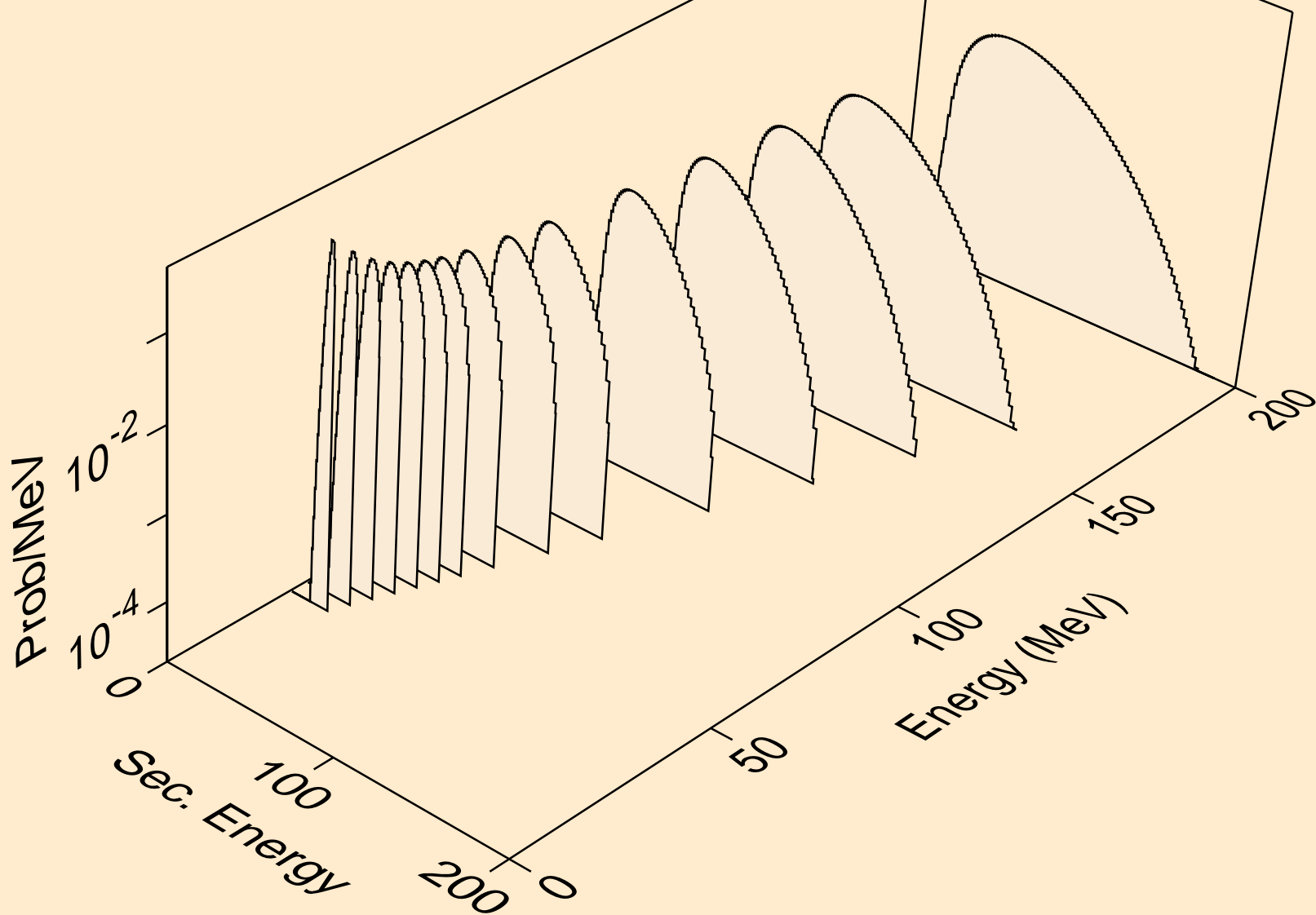
BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,n\*)t



BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,t)

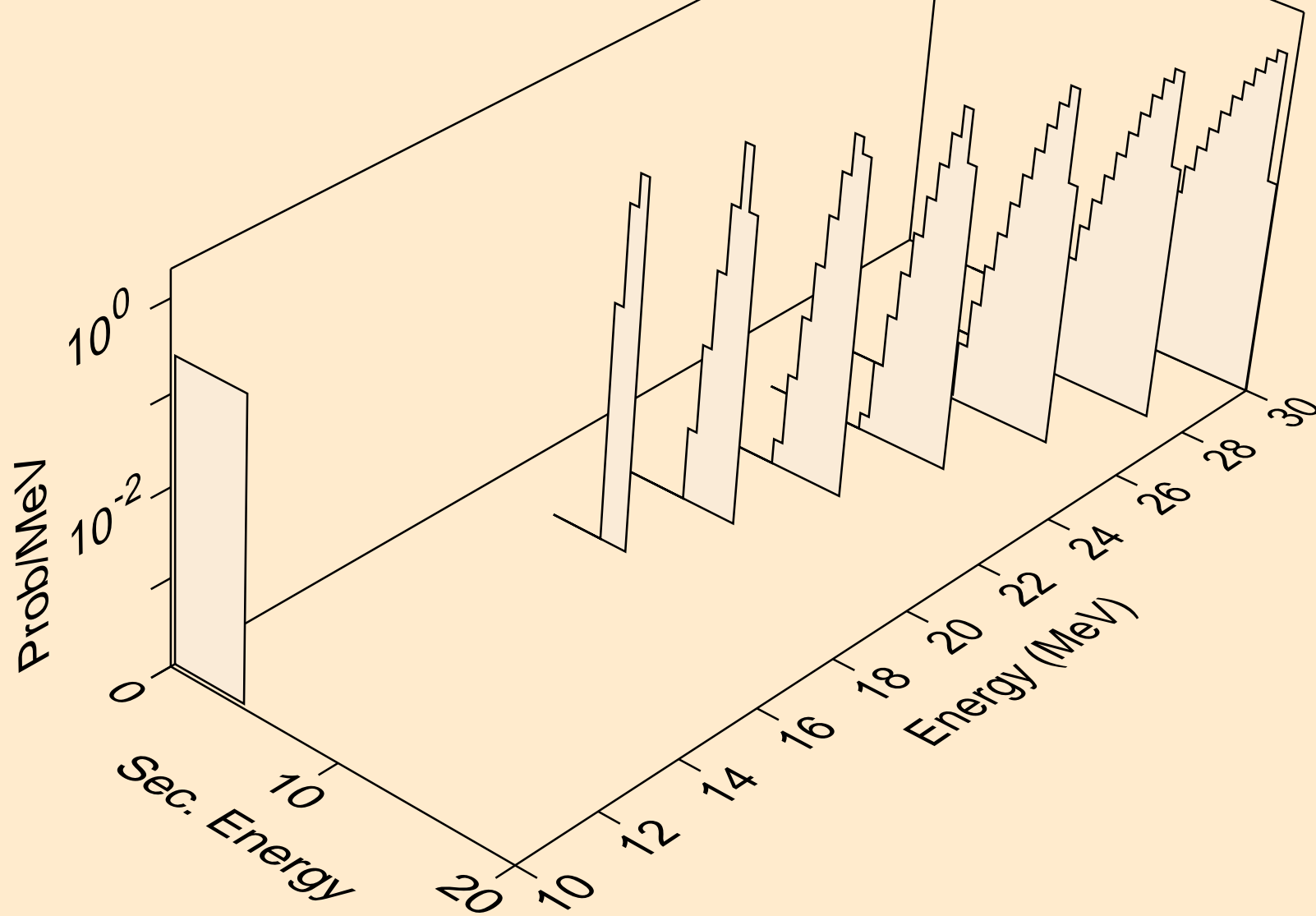


BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,x)

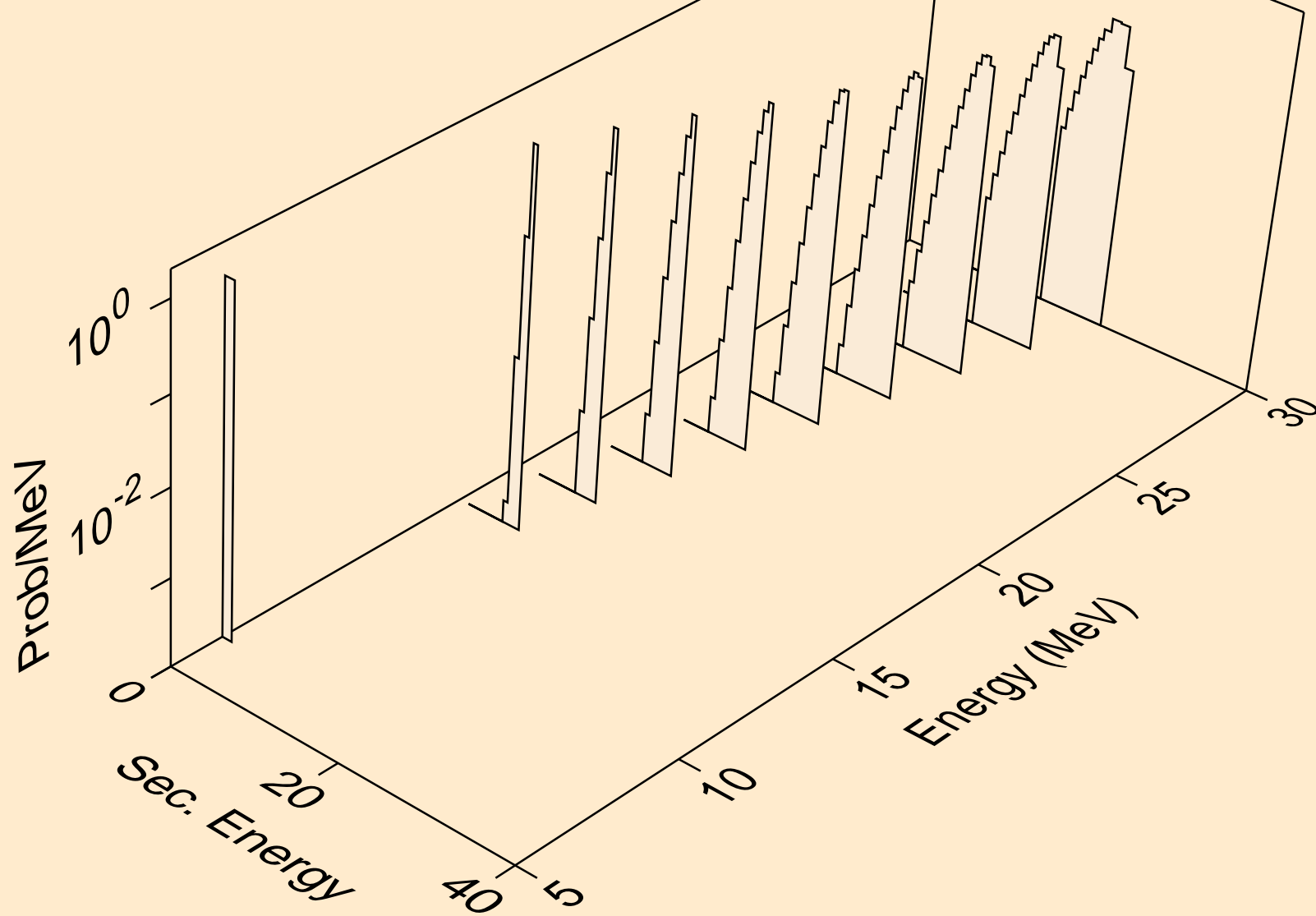




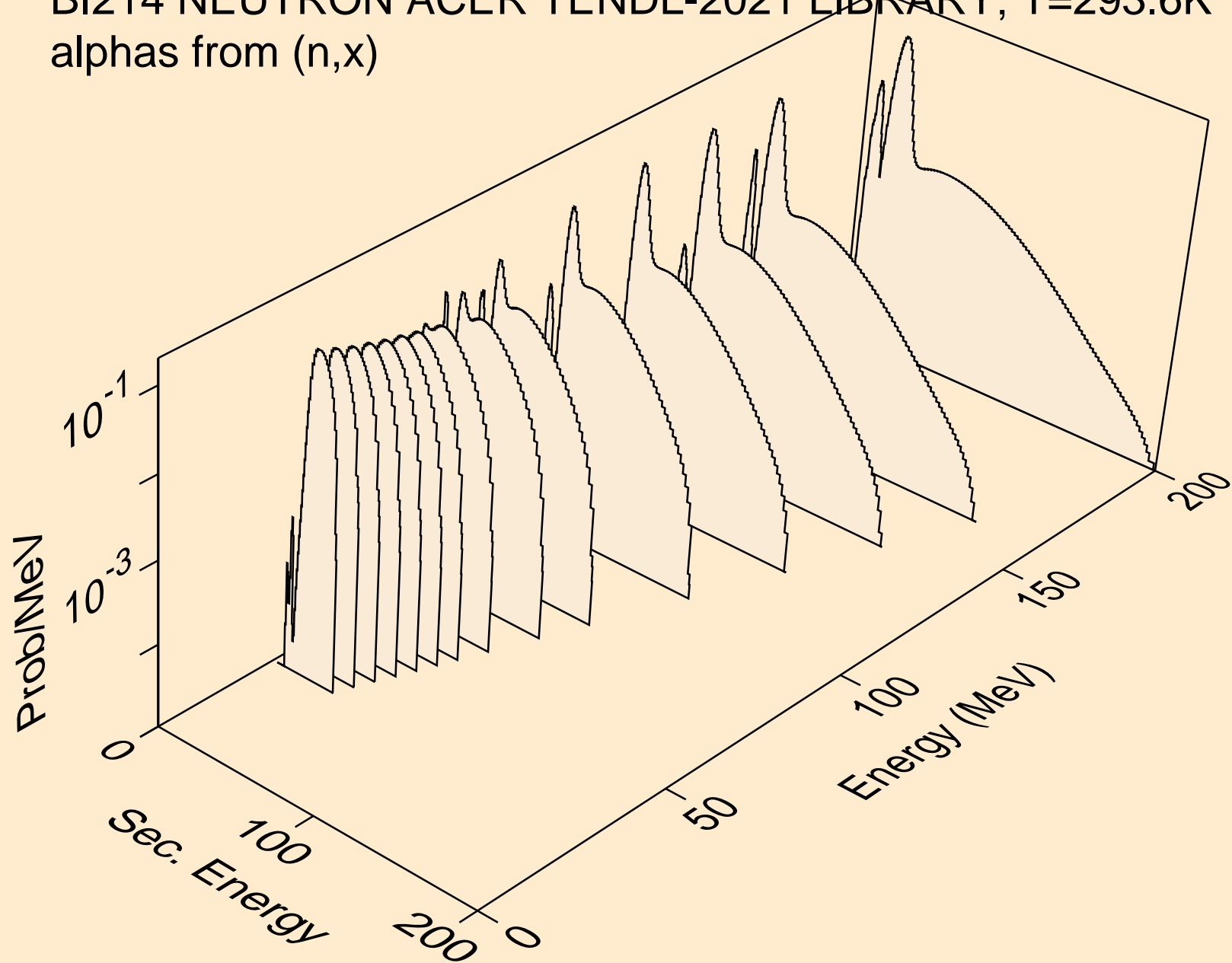
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he3s from (n,n\*)he3



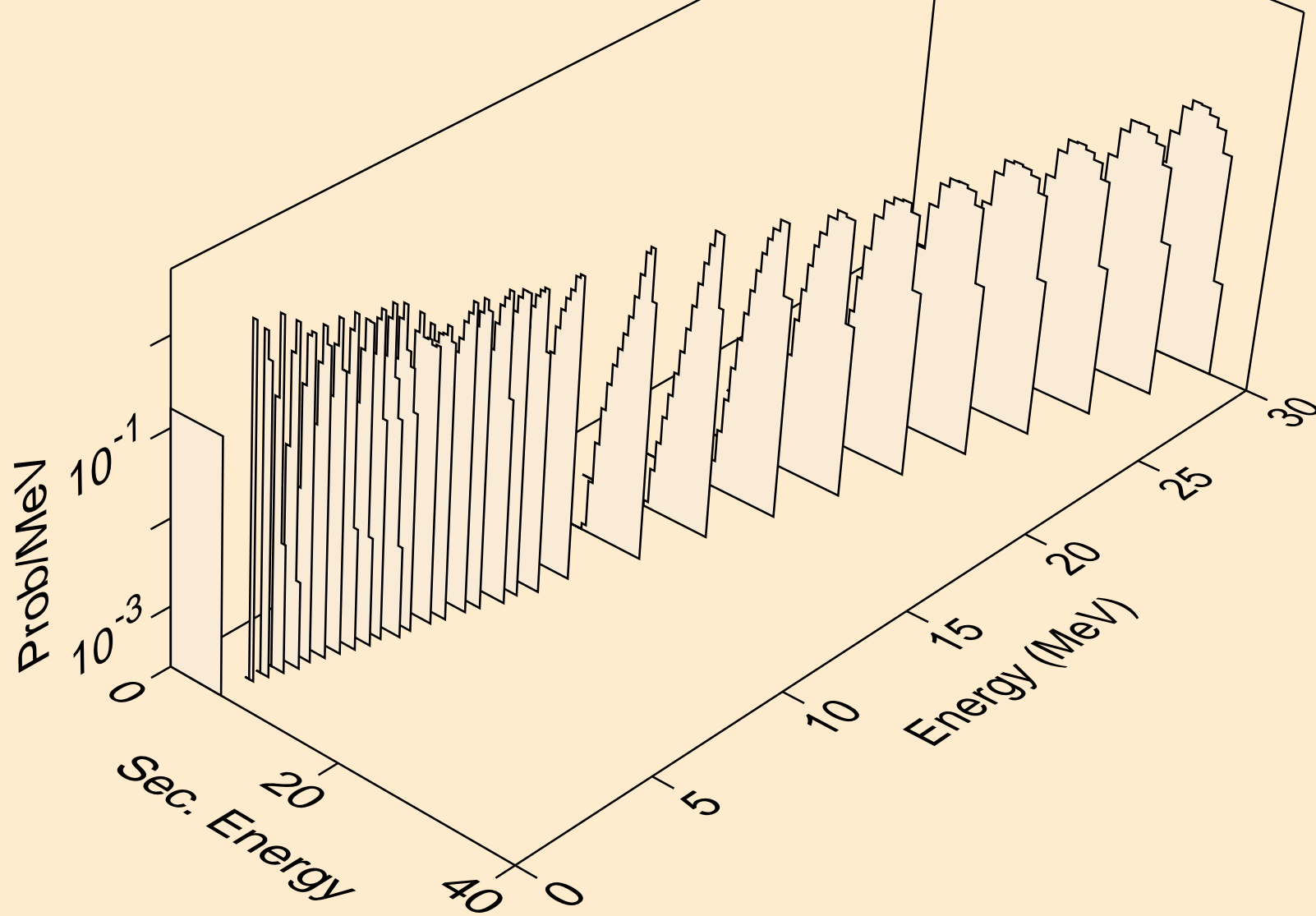
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he3s from (n,he3)



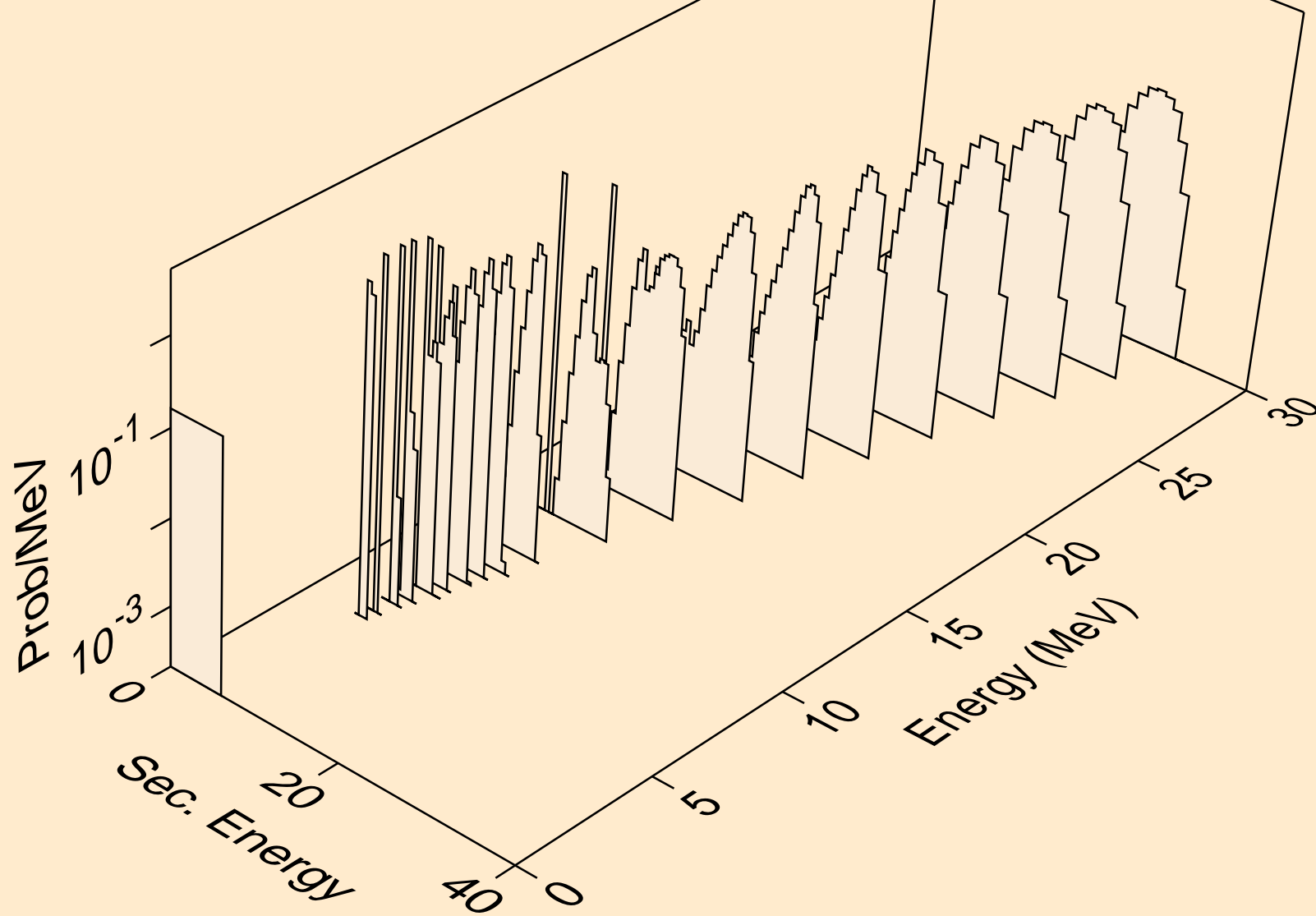
BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,x)



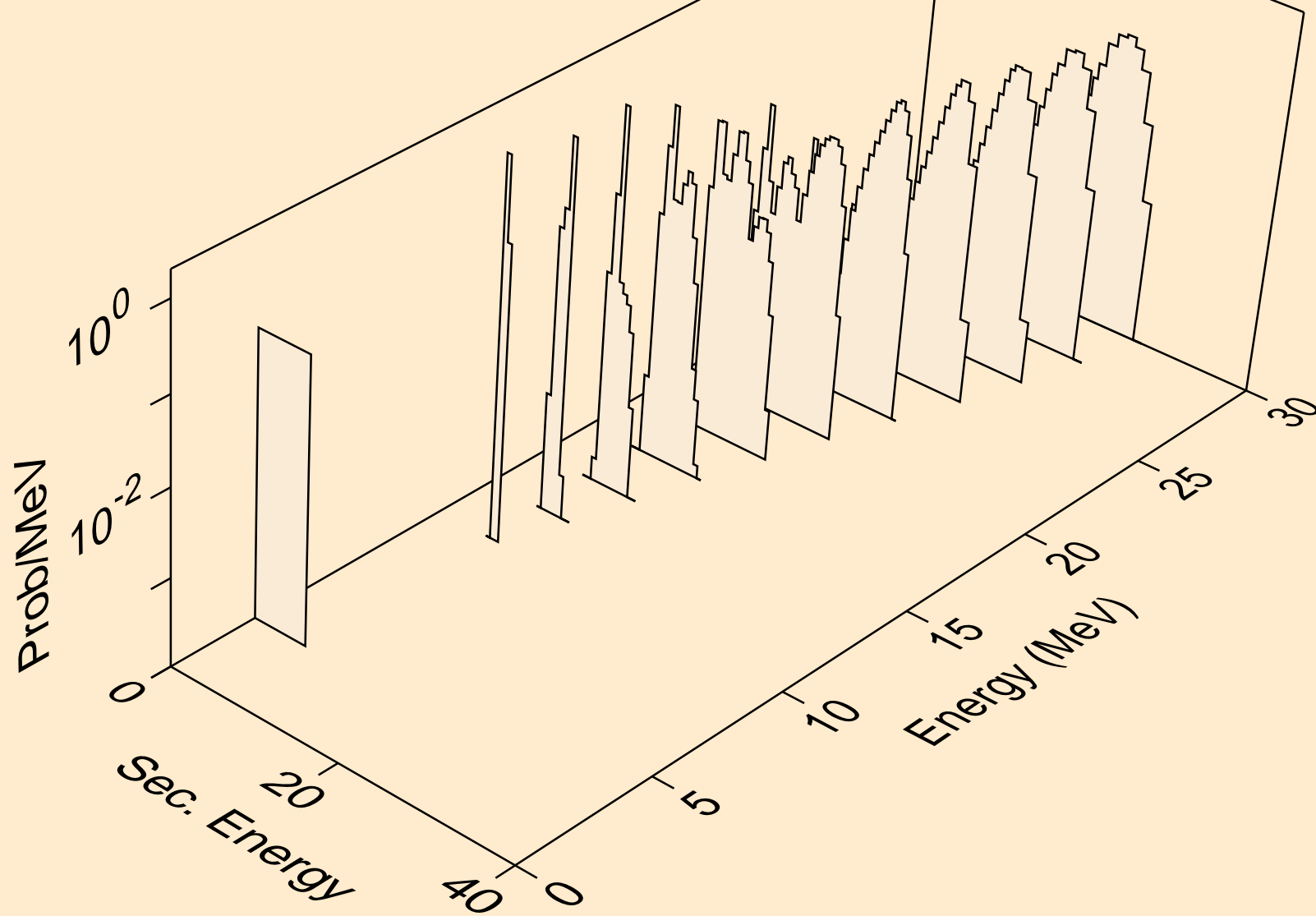
BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)a



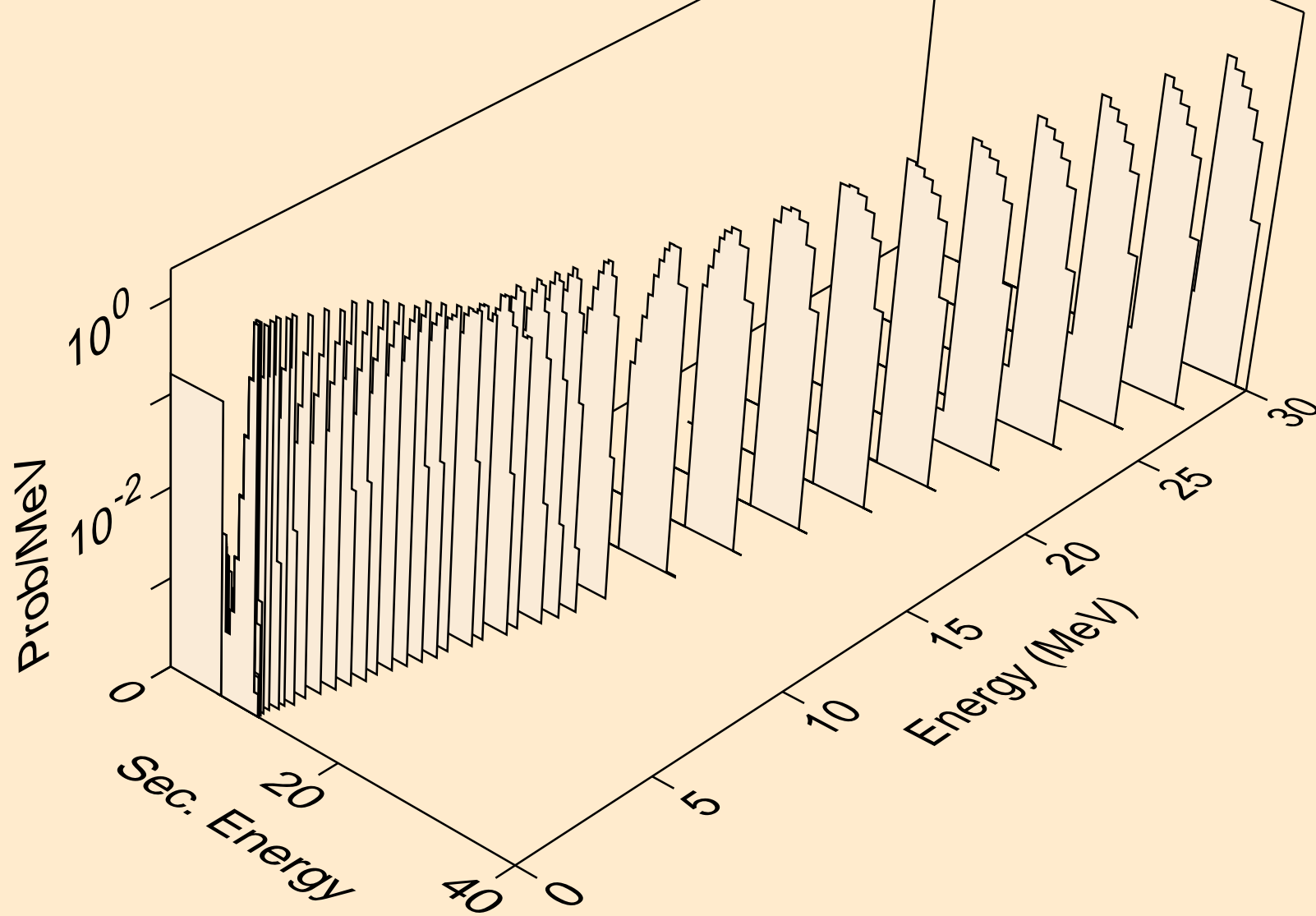
BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)a



BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3n)a



BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)



BI214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2a)

