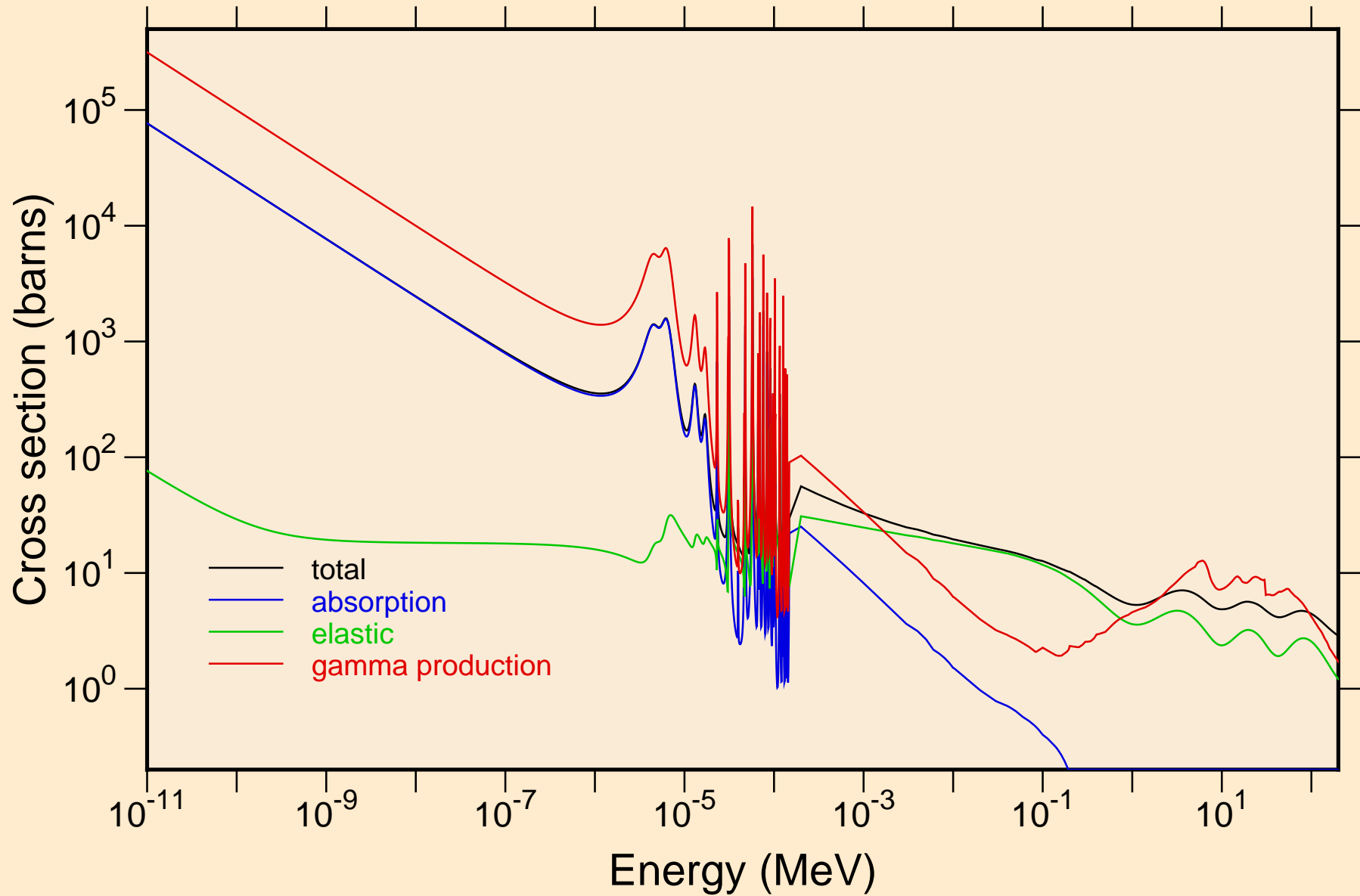
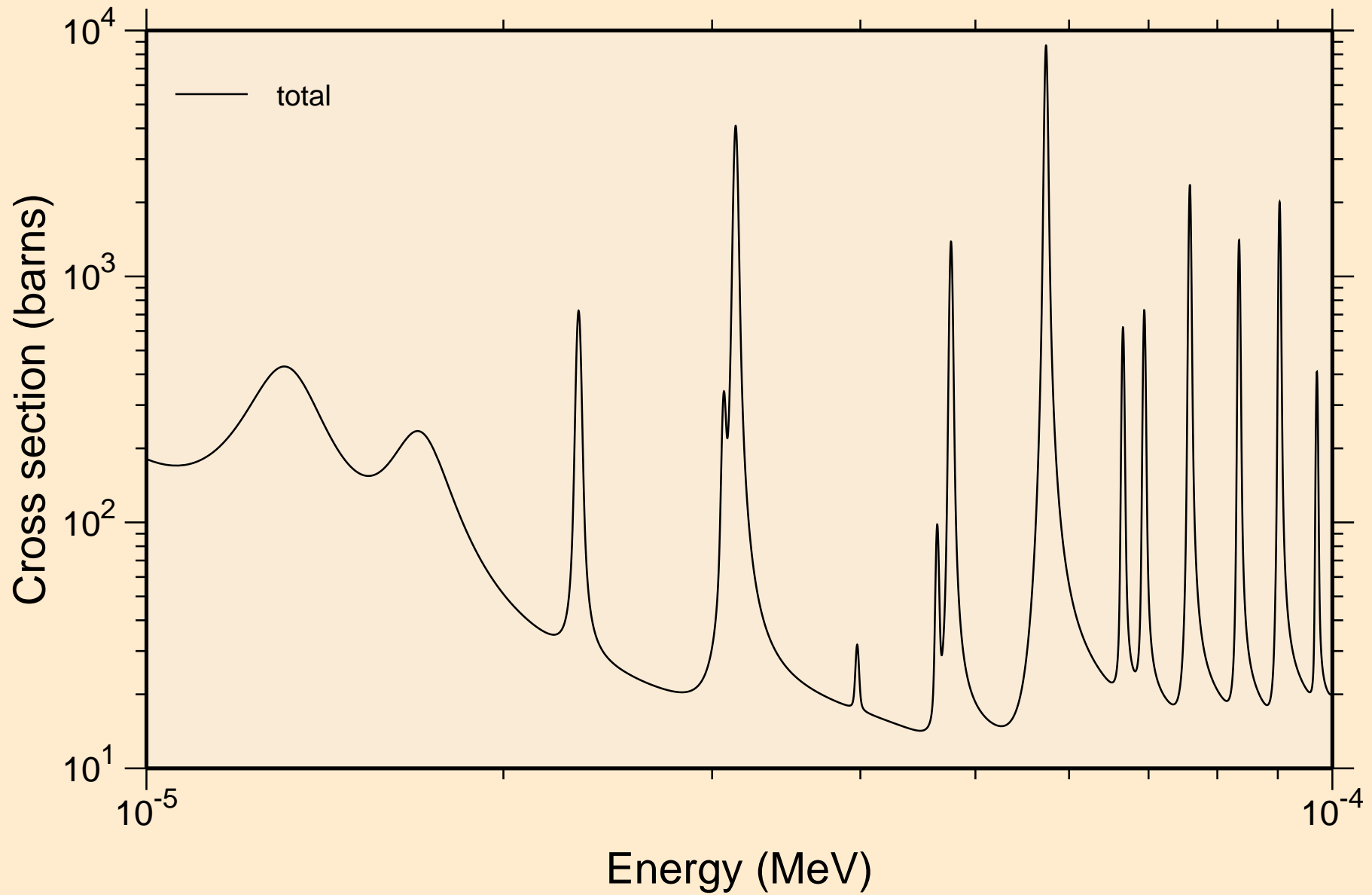


# IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

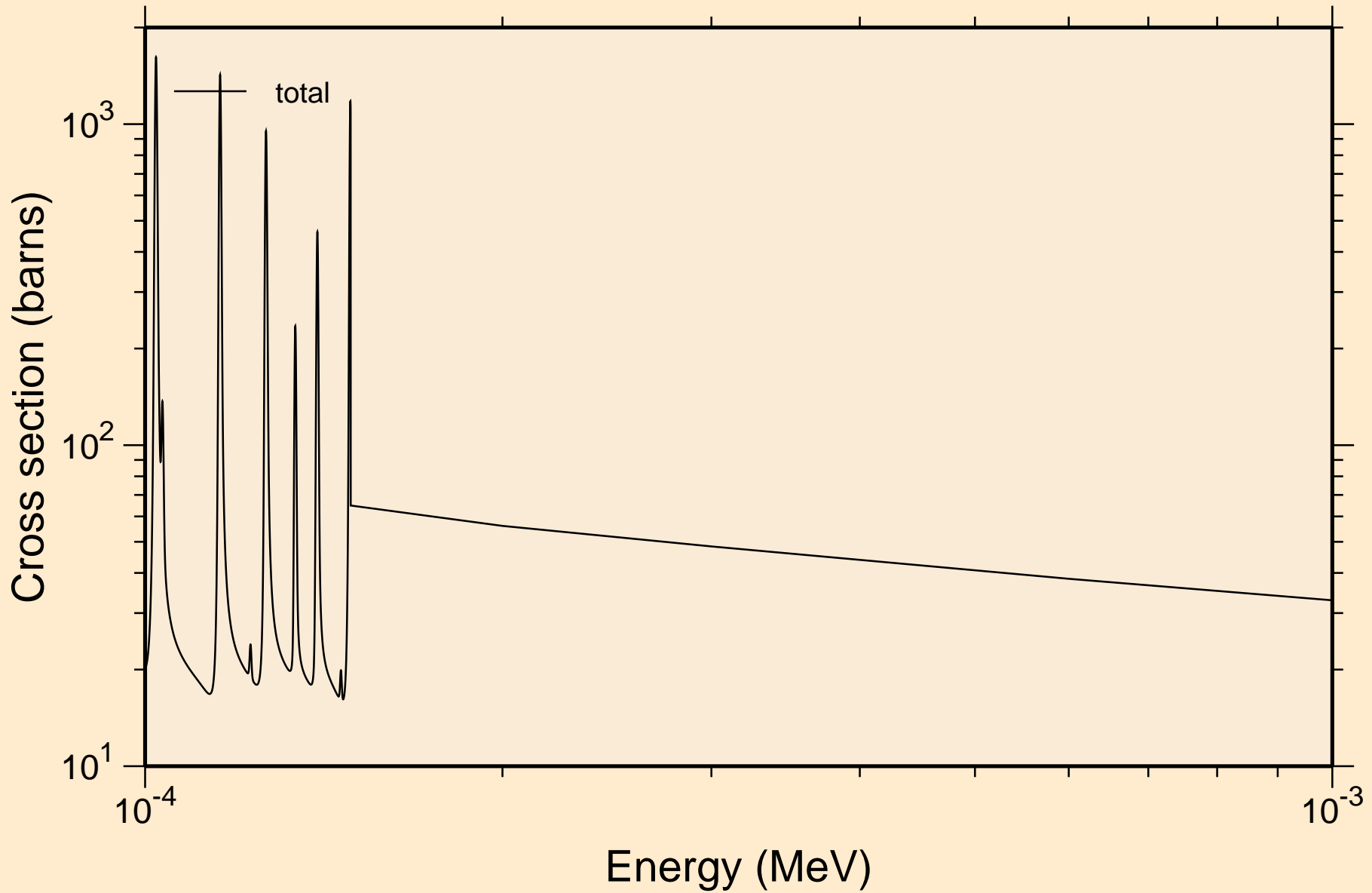
## Principal cross sections



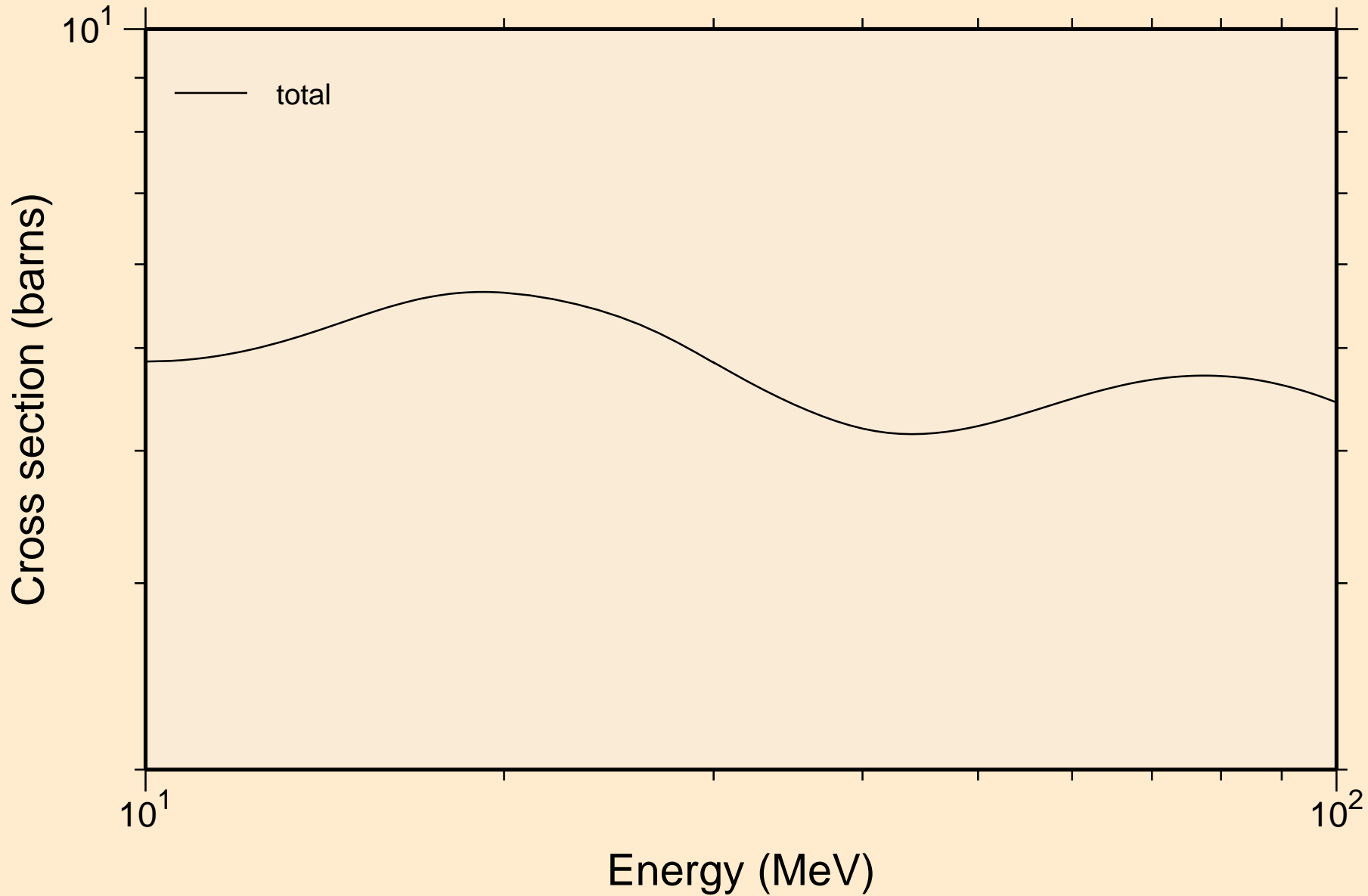
IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



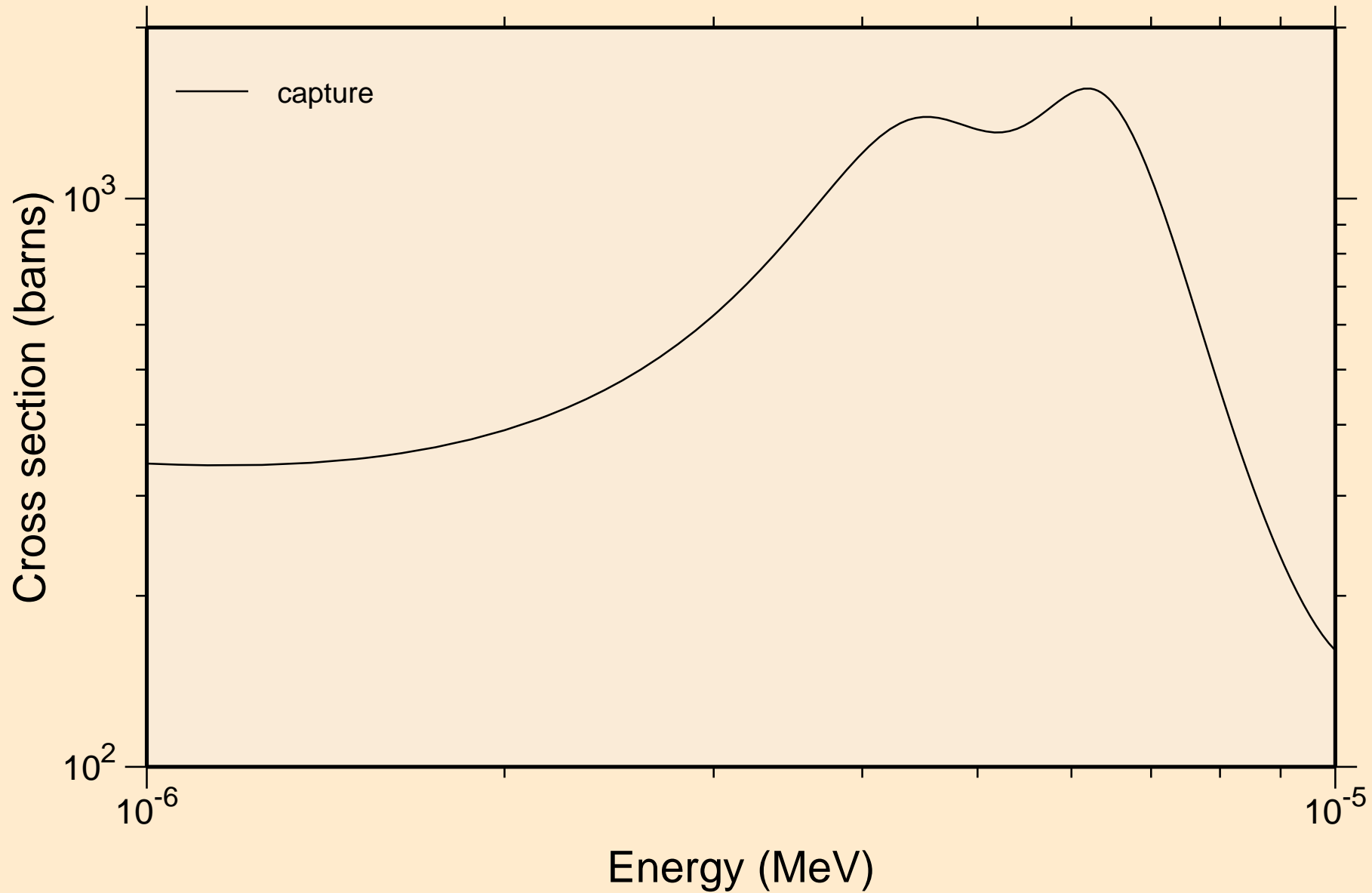
IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



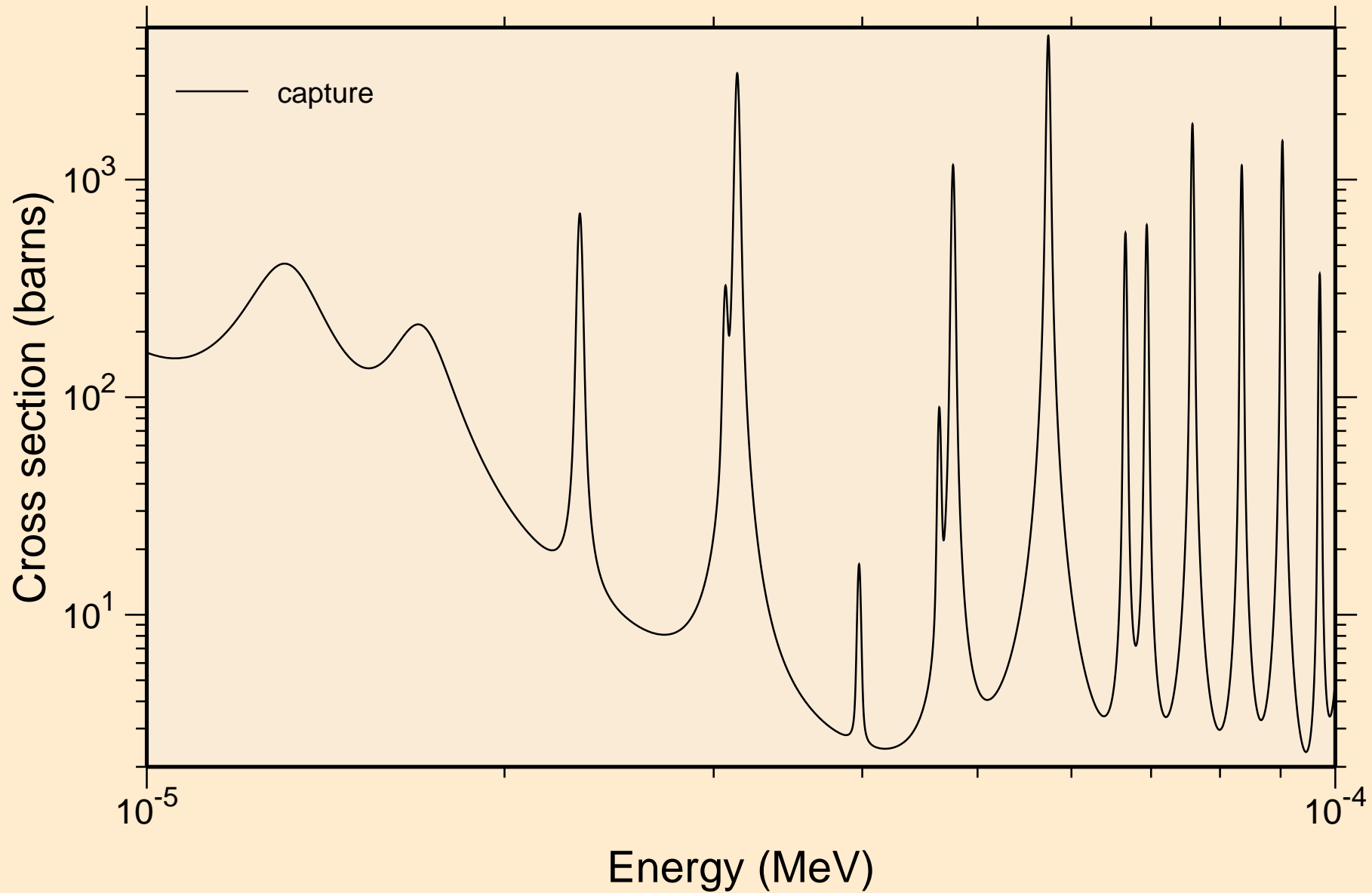
IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



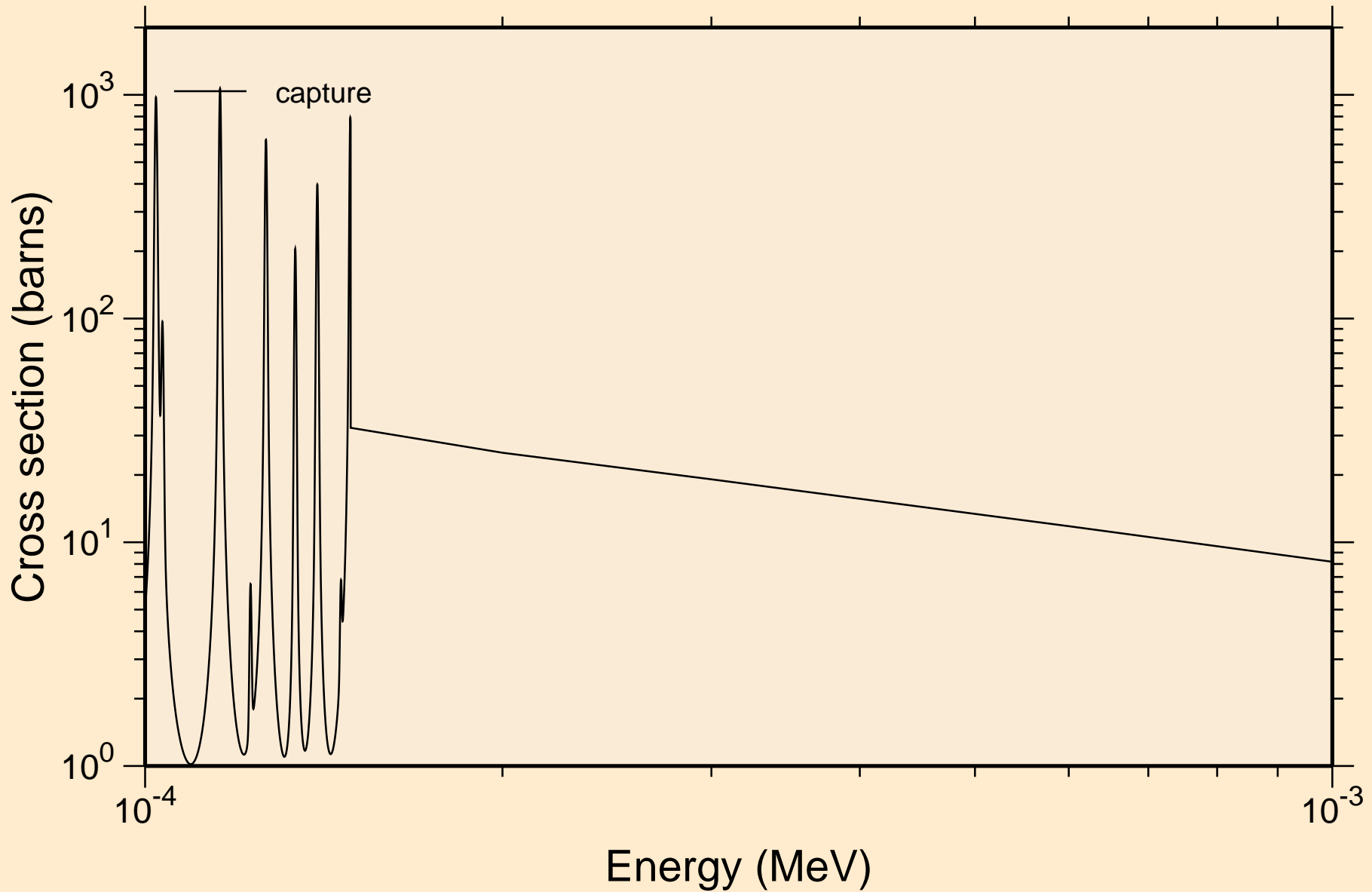
IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



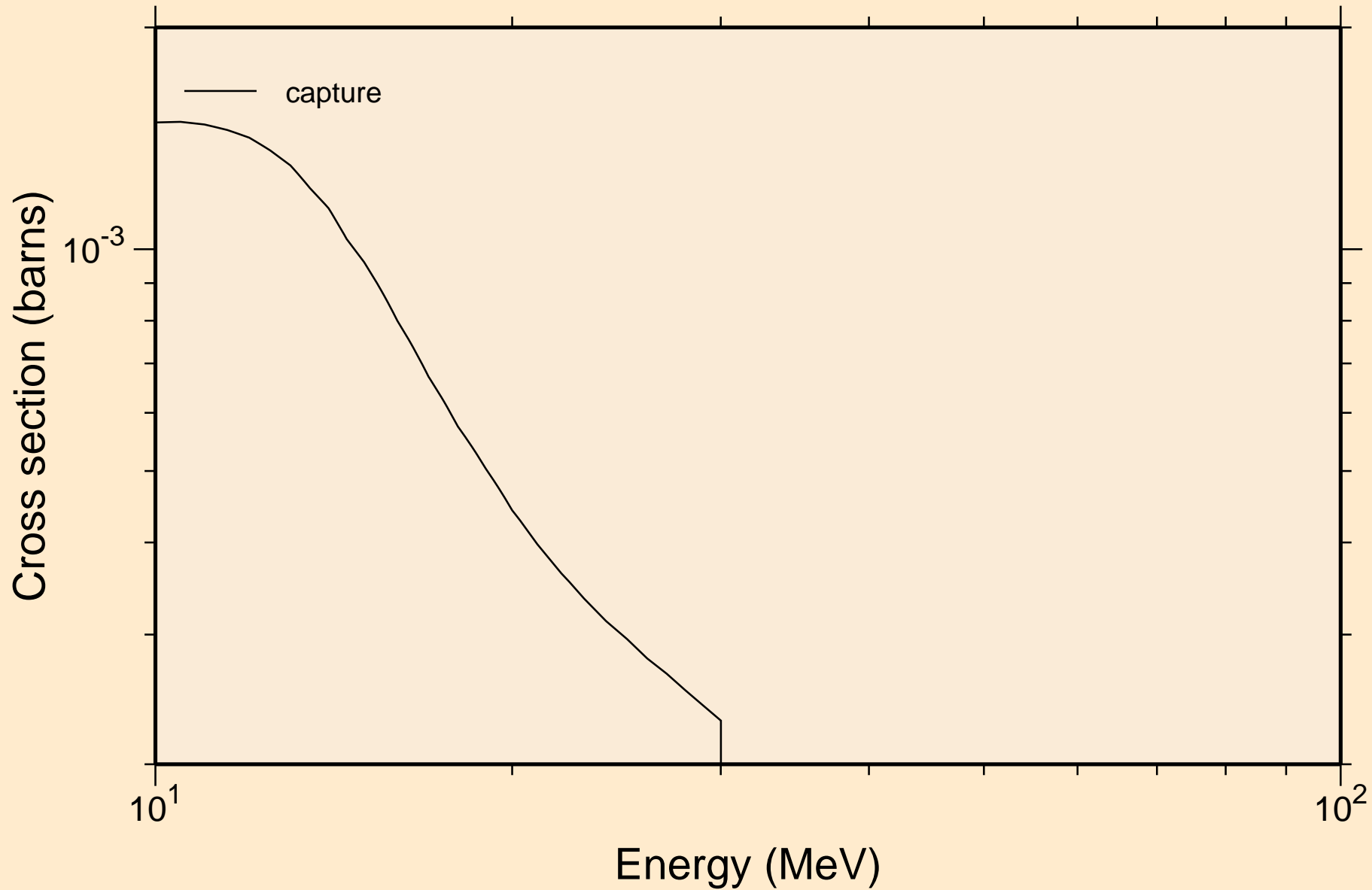
IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

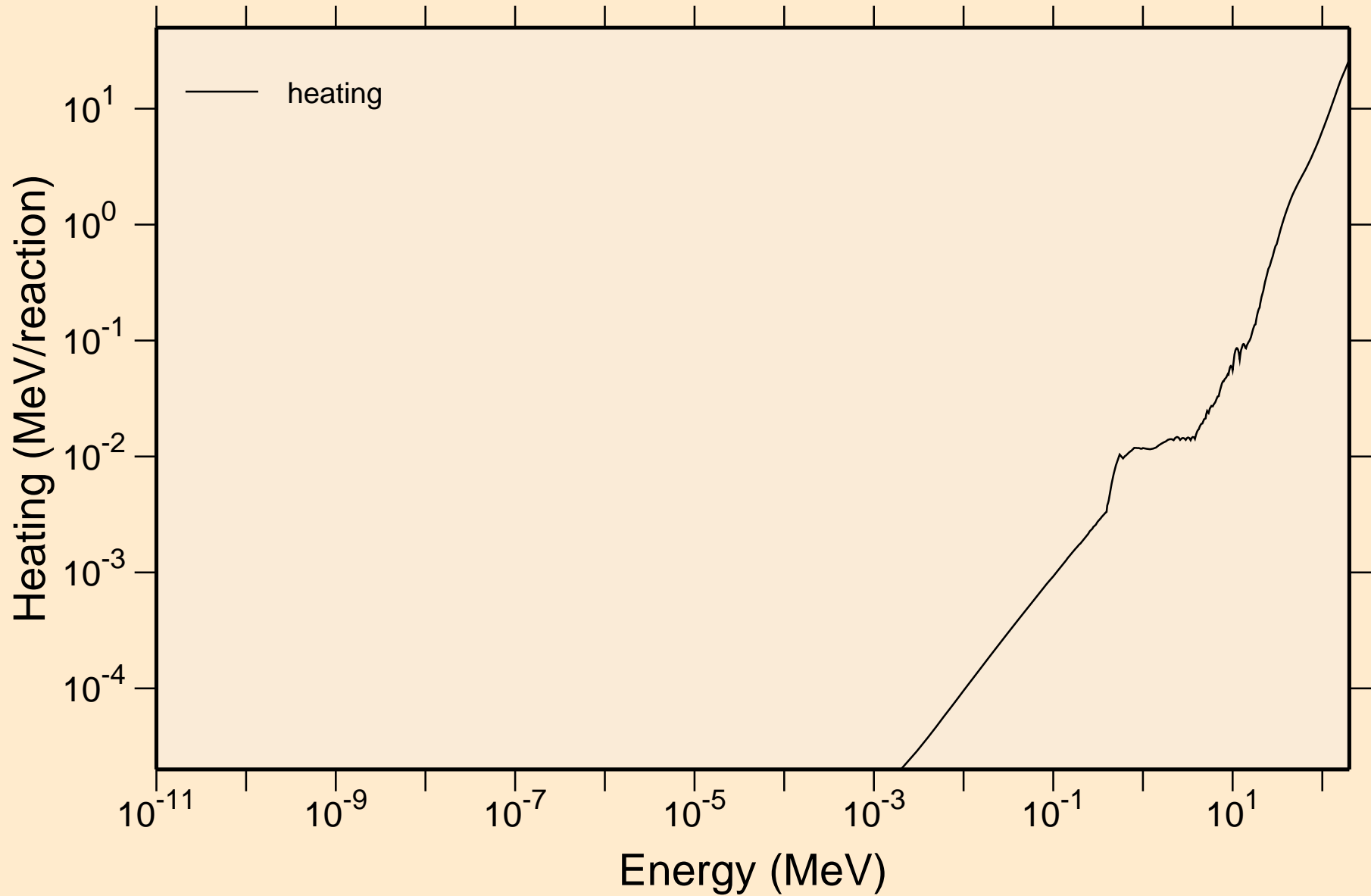


IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

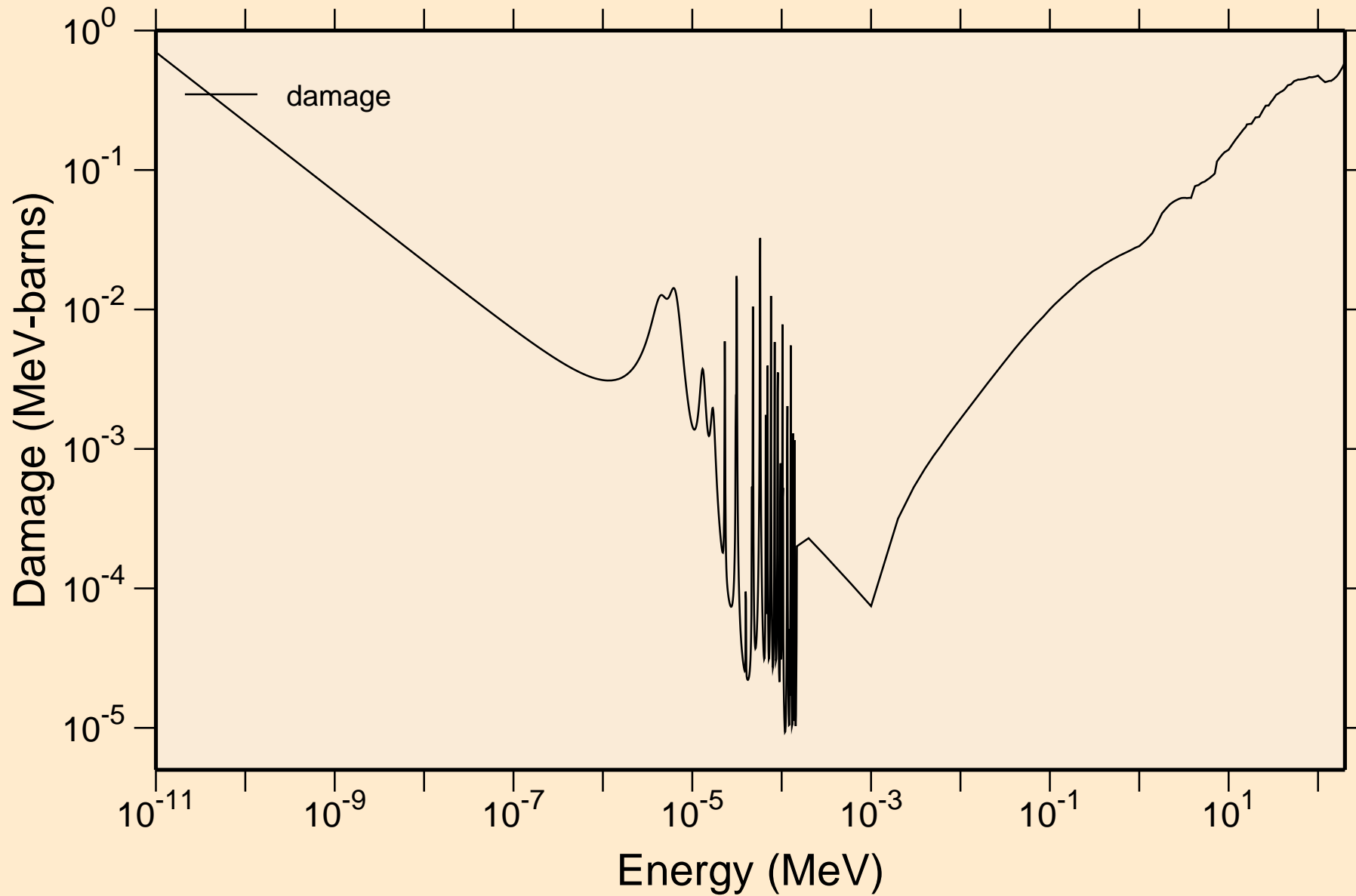




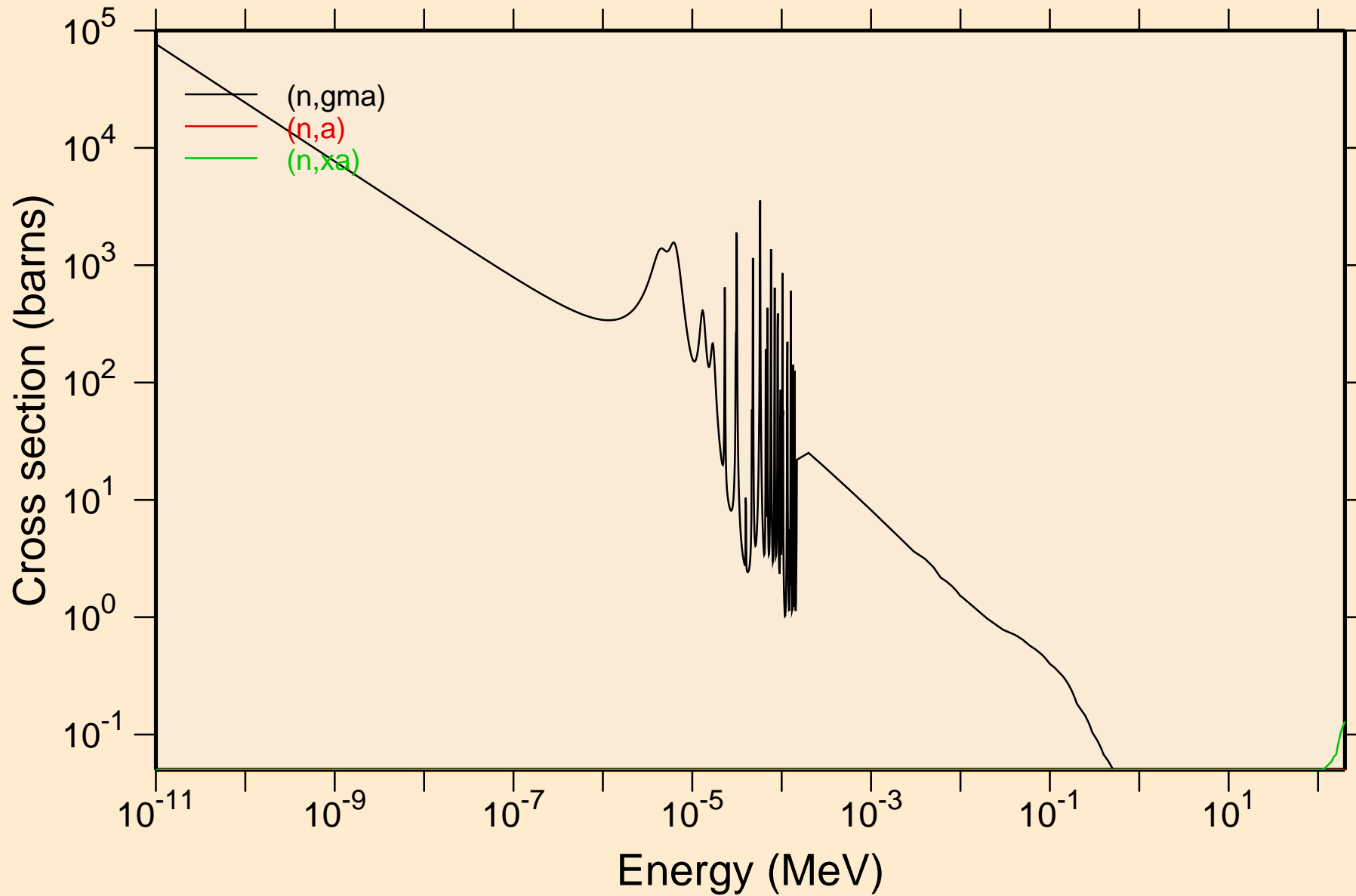
IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



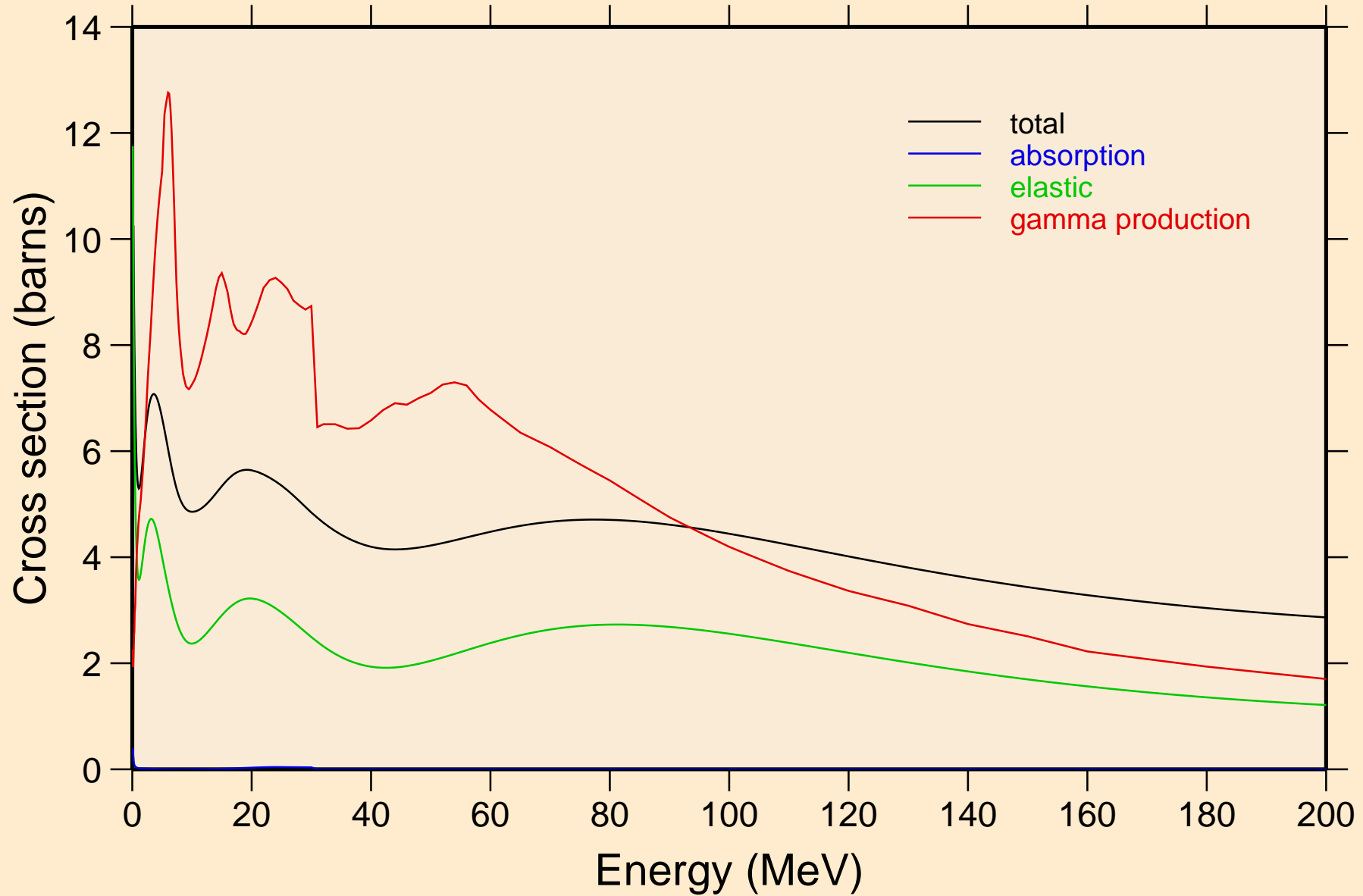
IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage



IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions

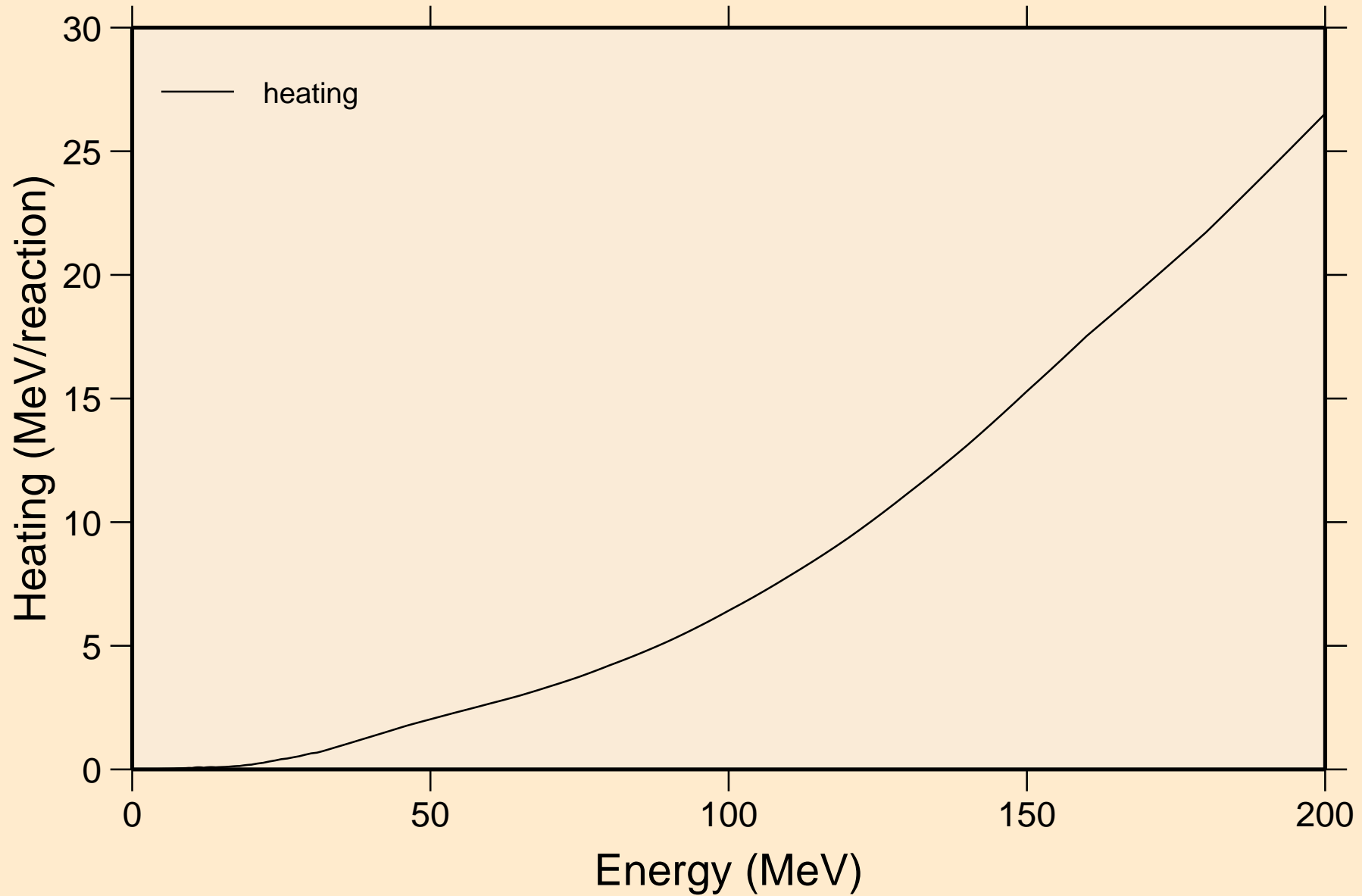


IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Principal cross sections

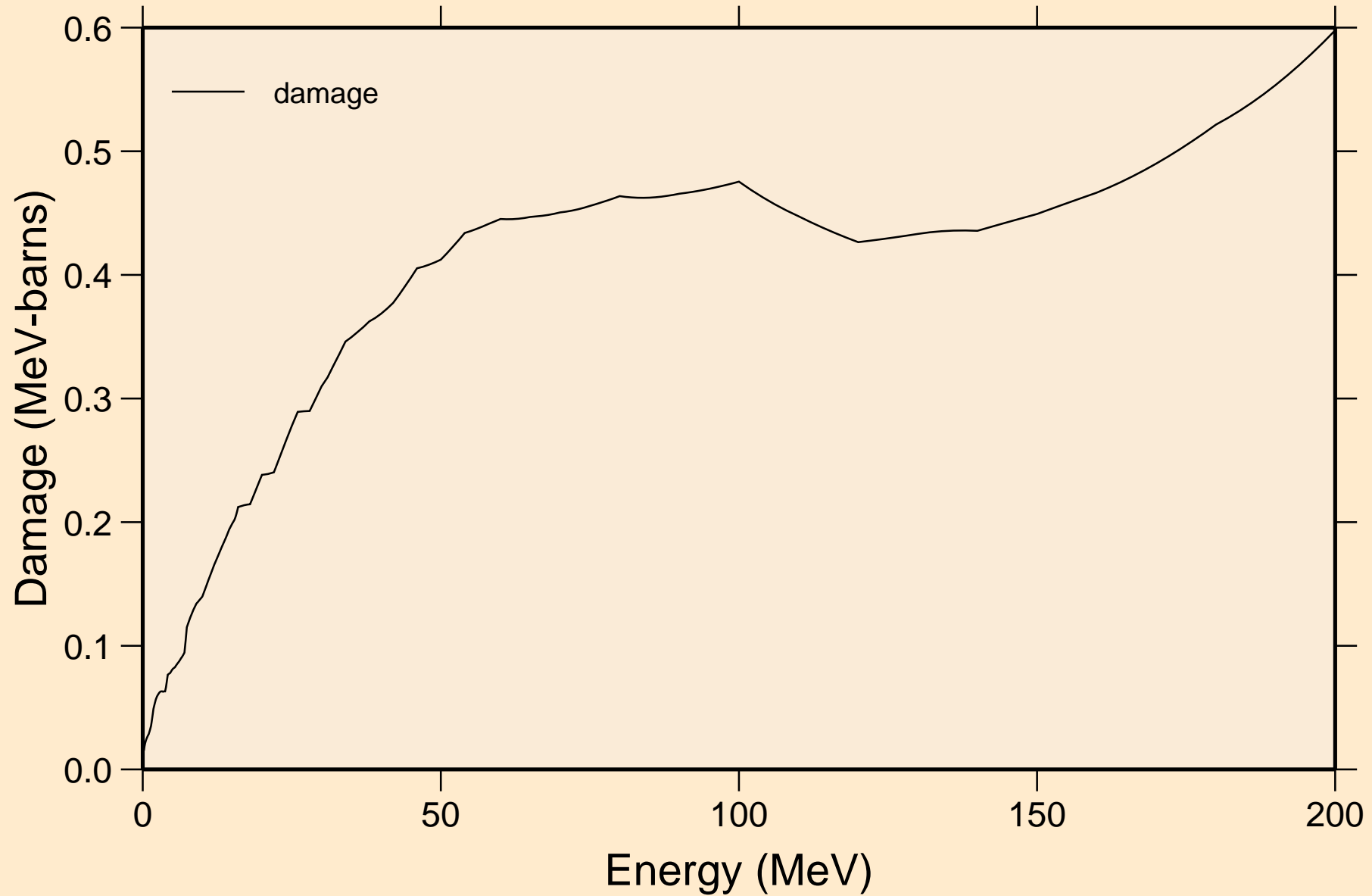


IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

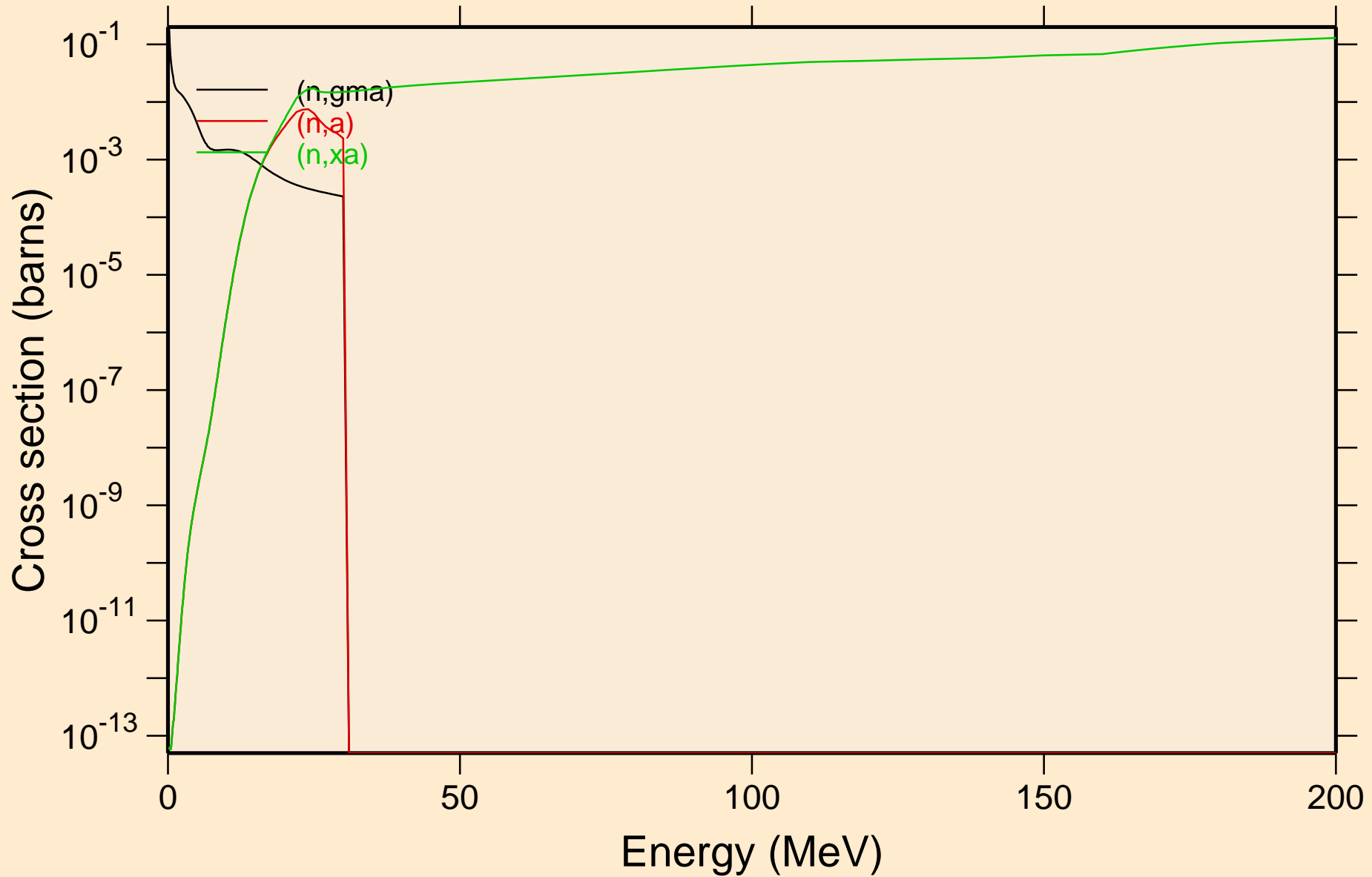
Heating



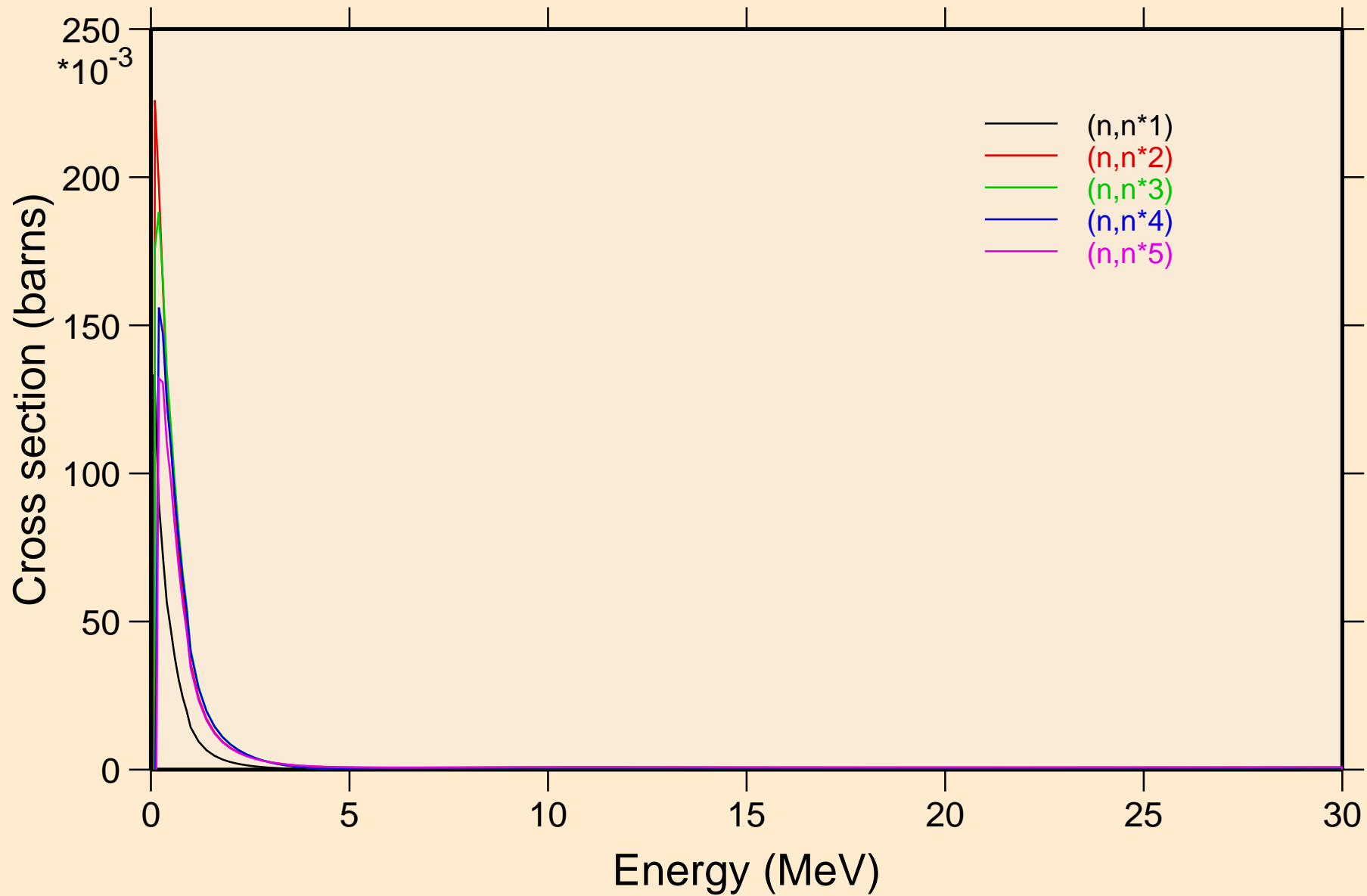
IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage



IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions

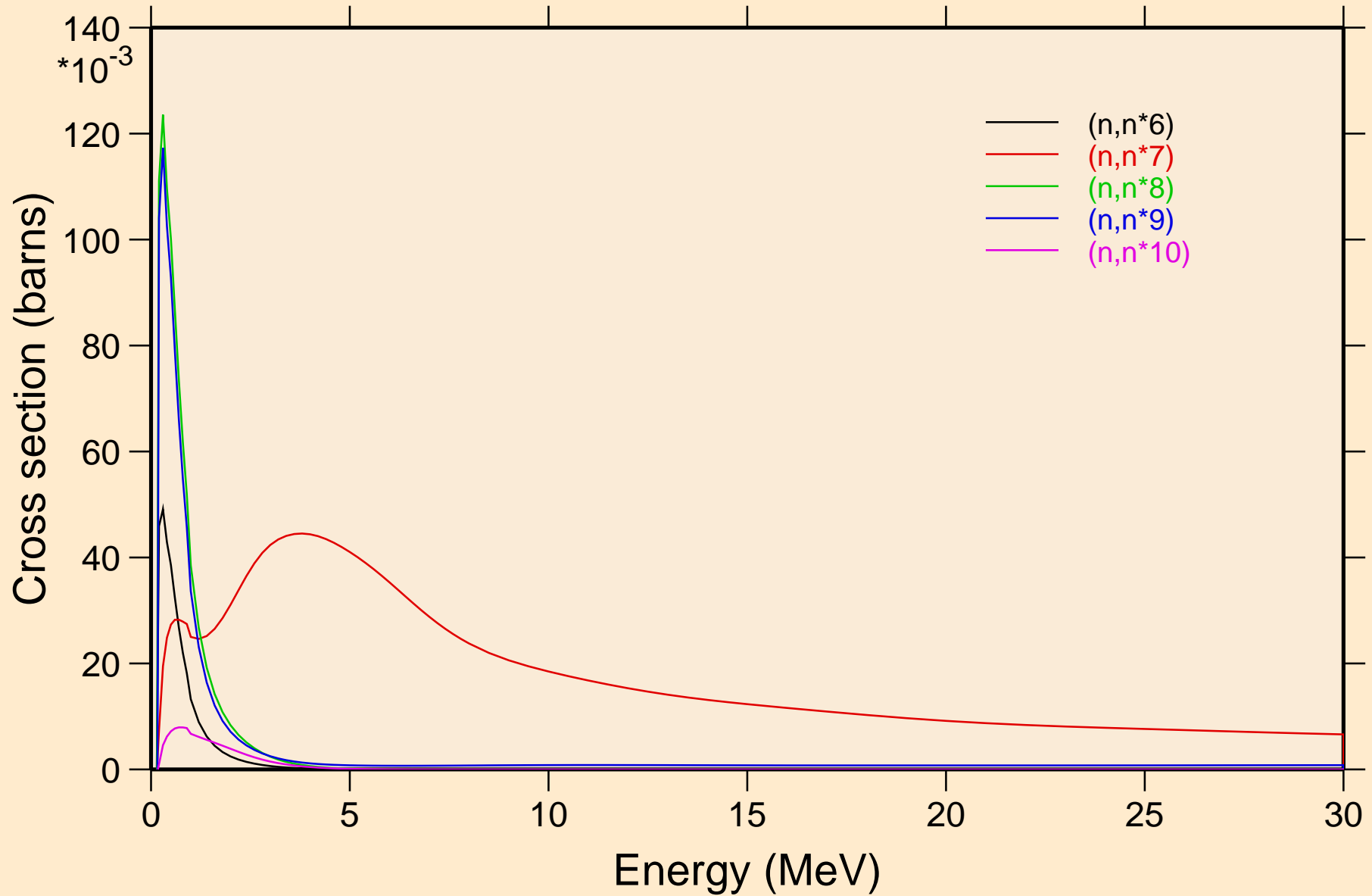


IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

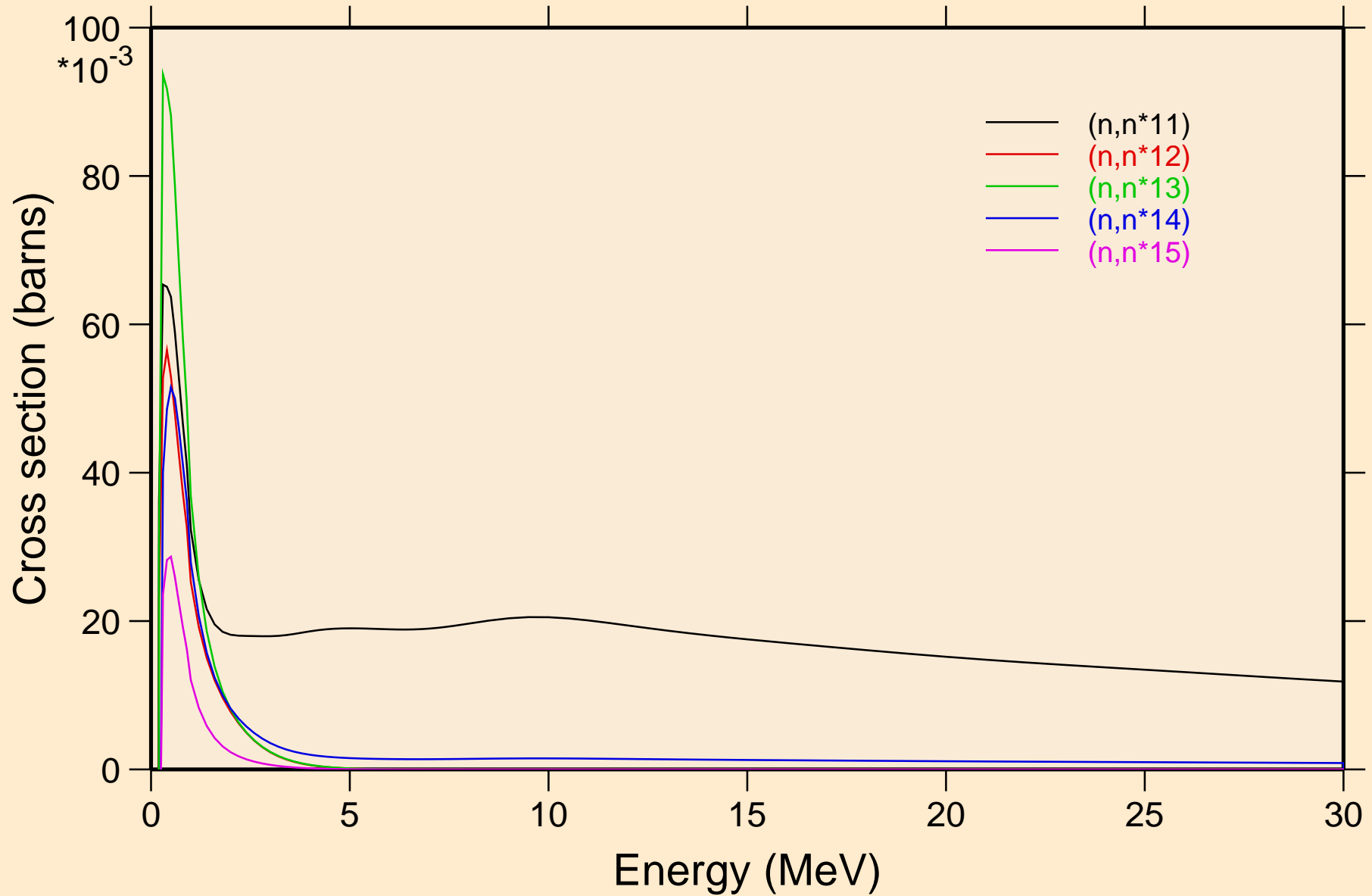




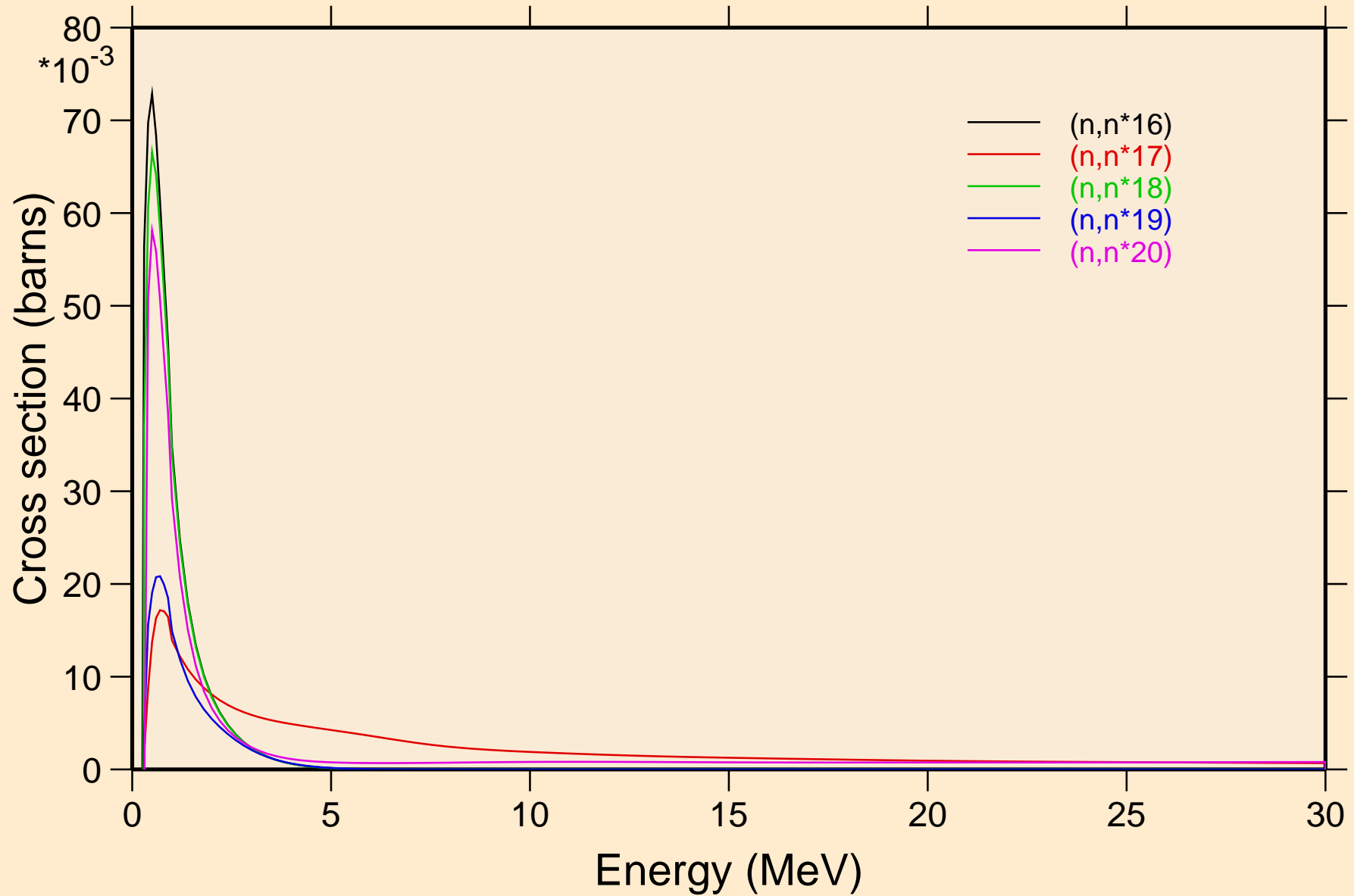
IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



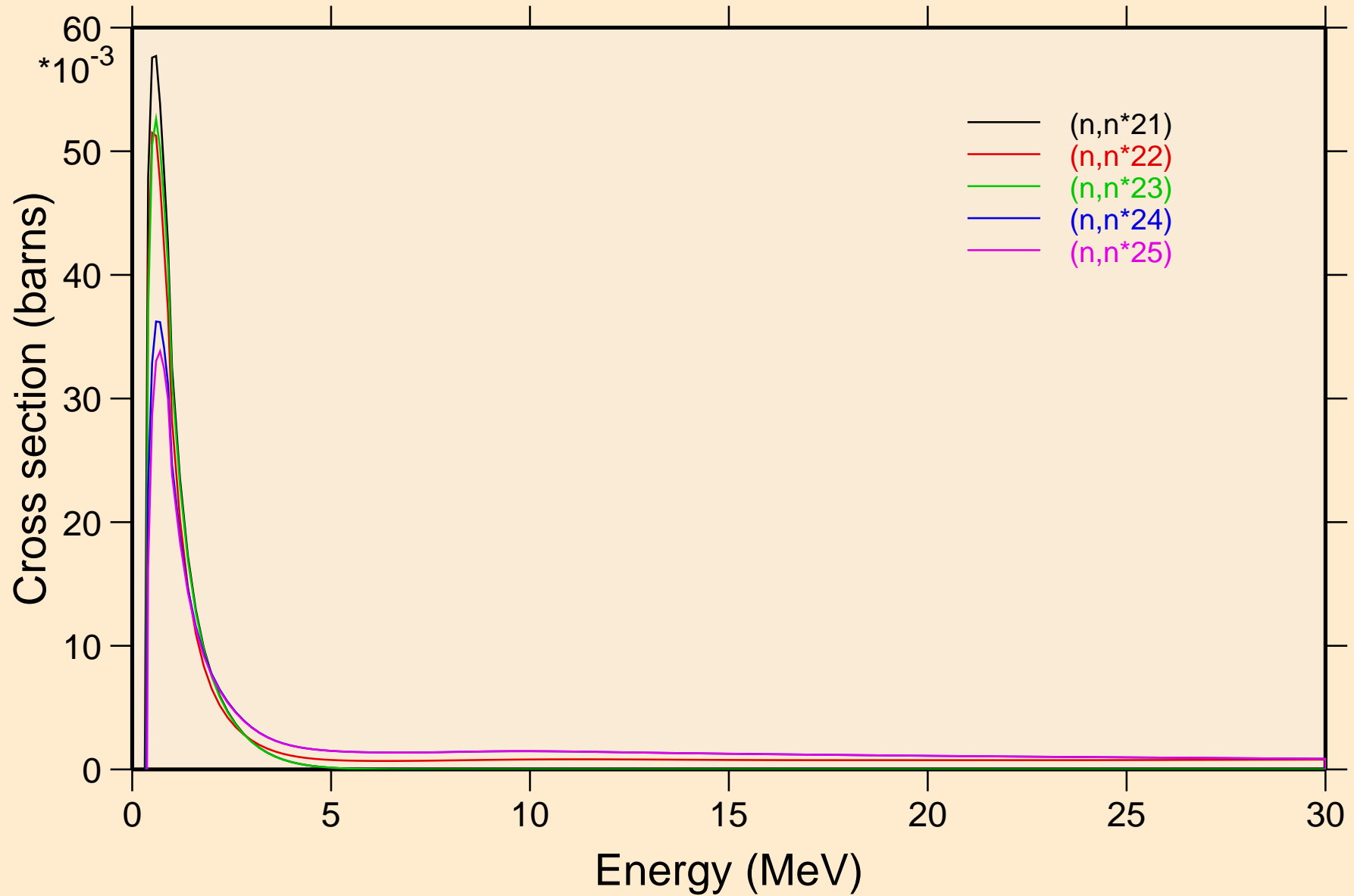
IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



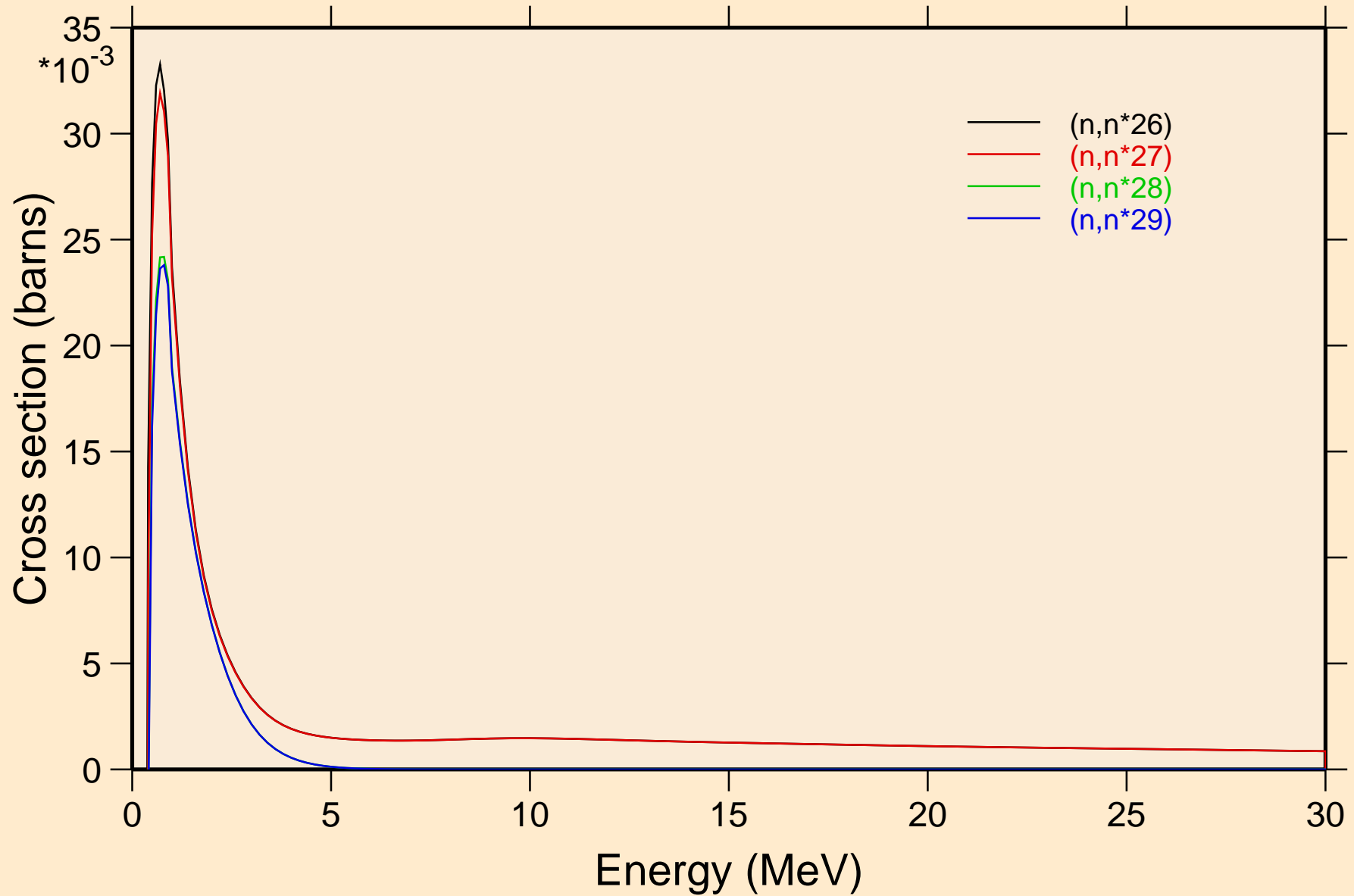
IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



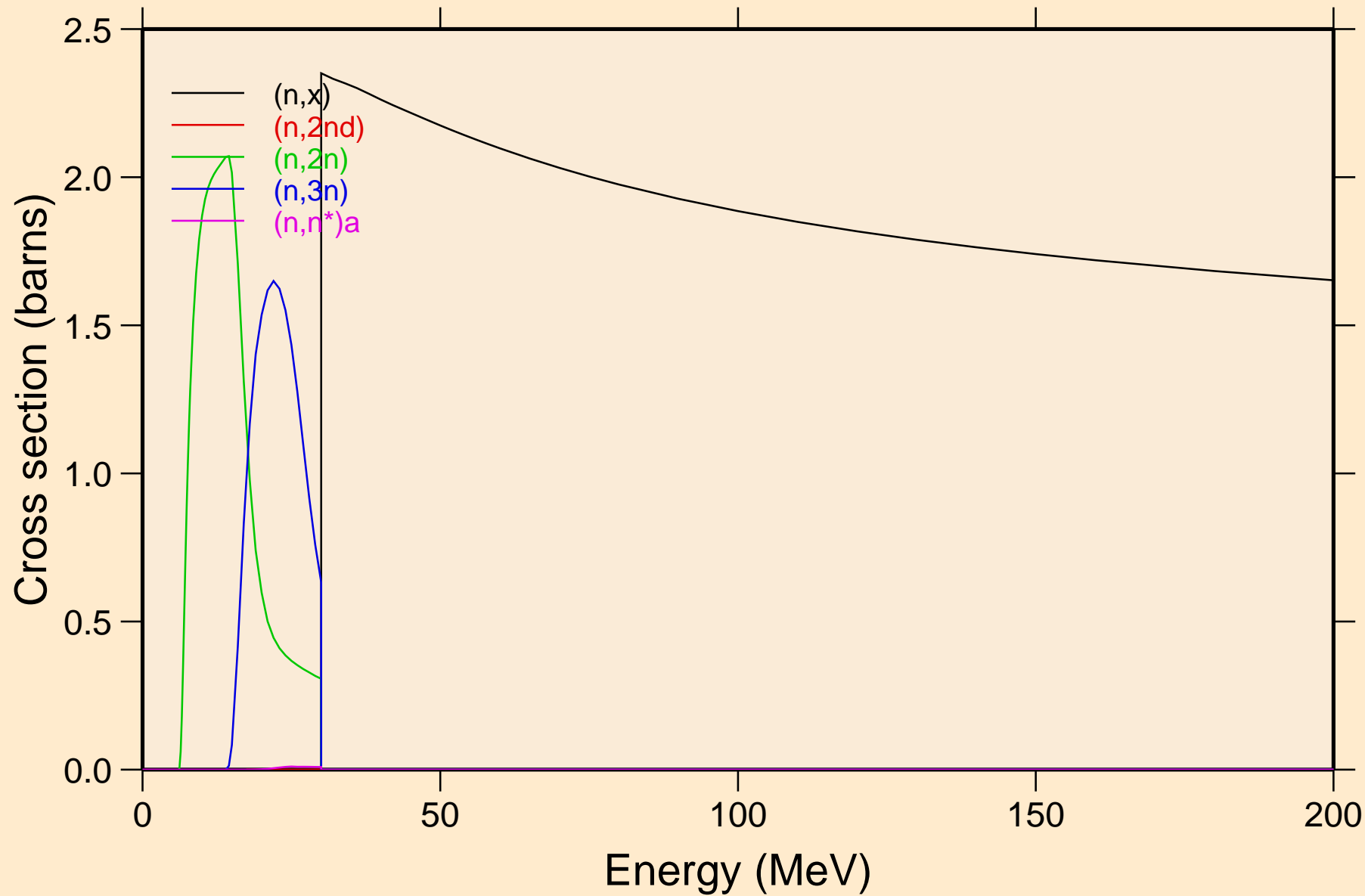
IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



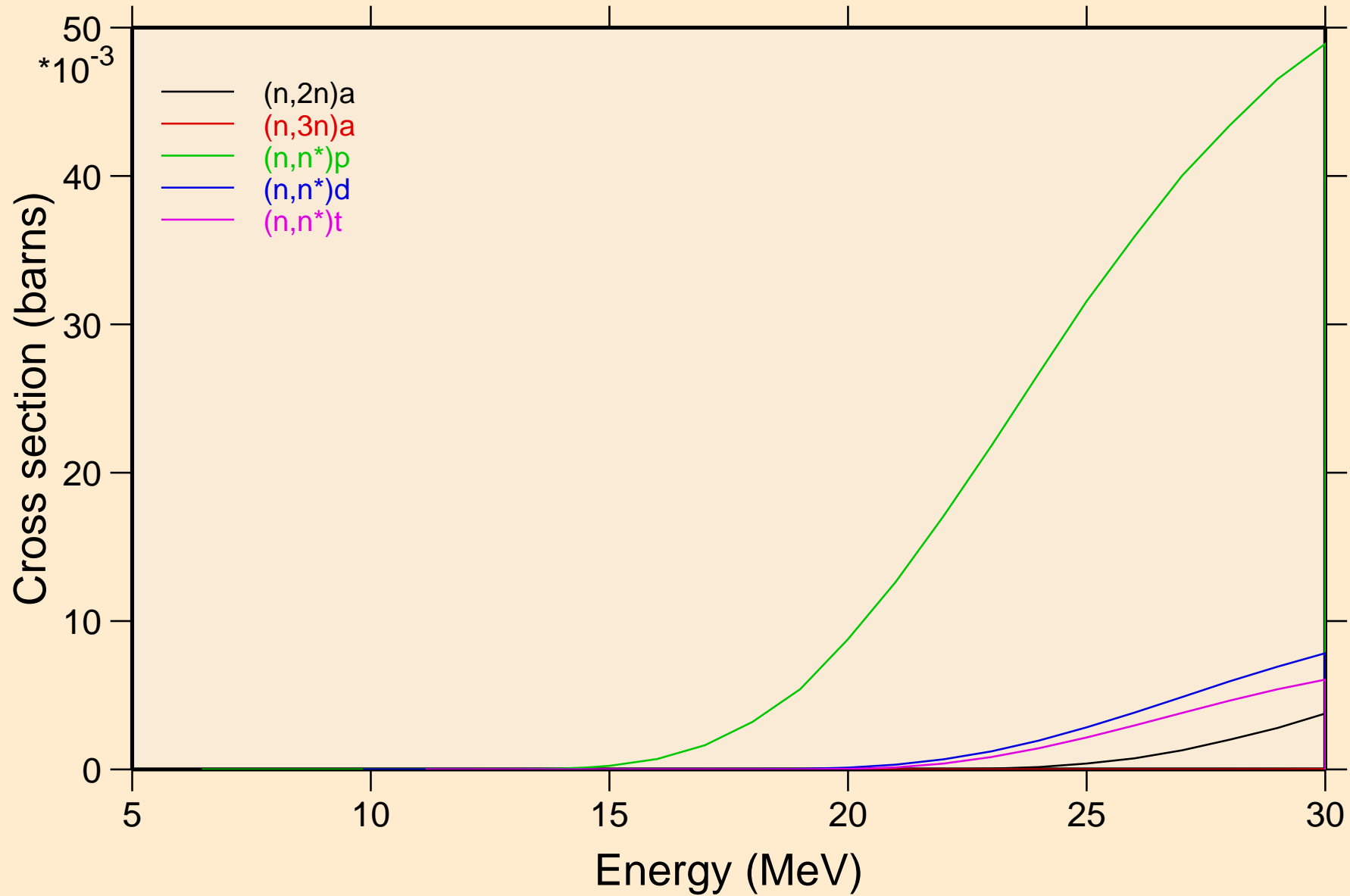
IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



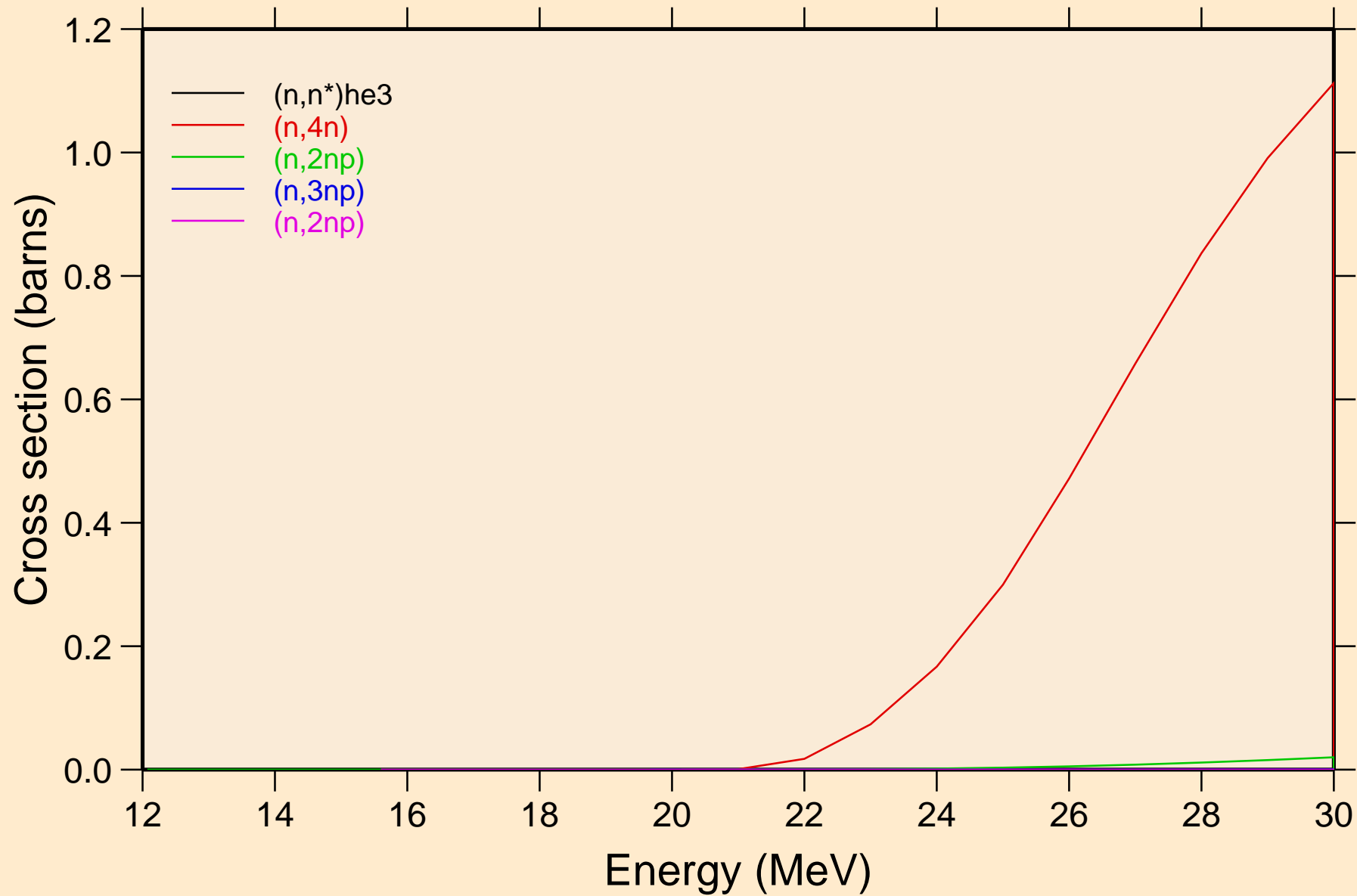
IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

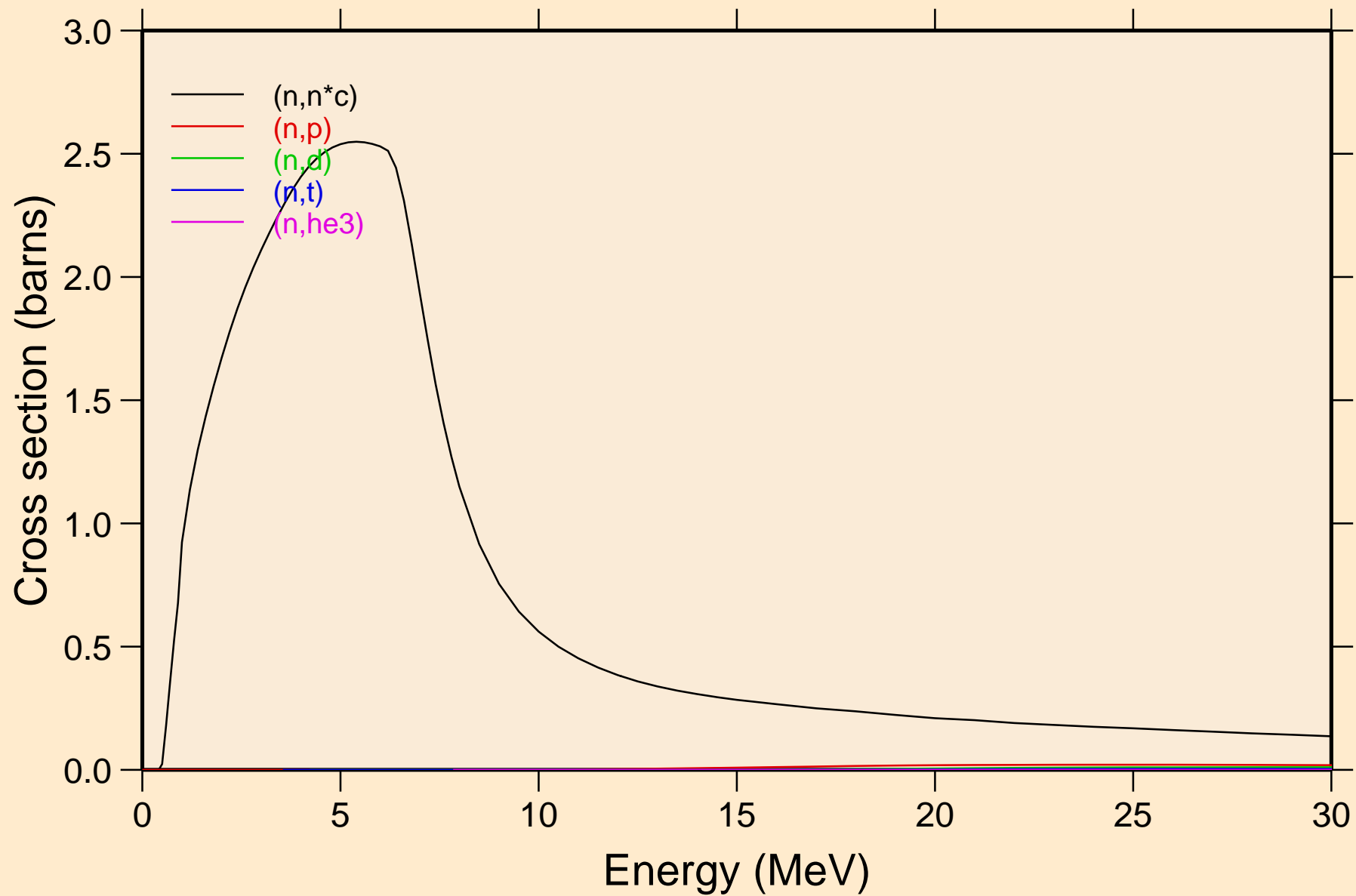


IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

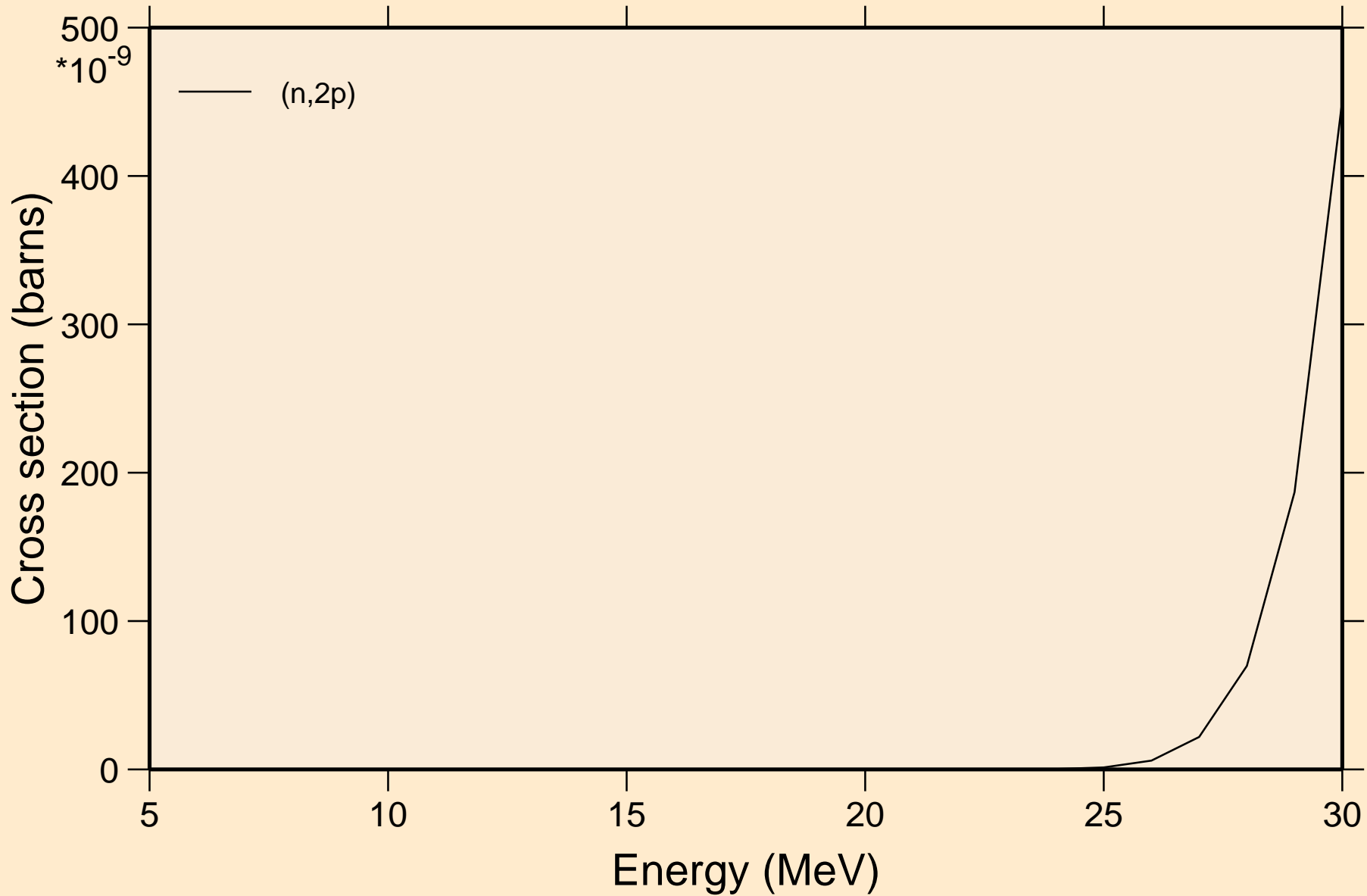




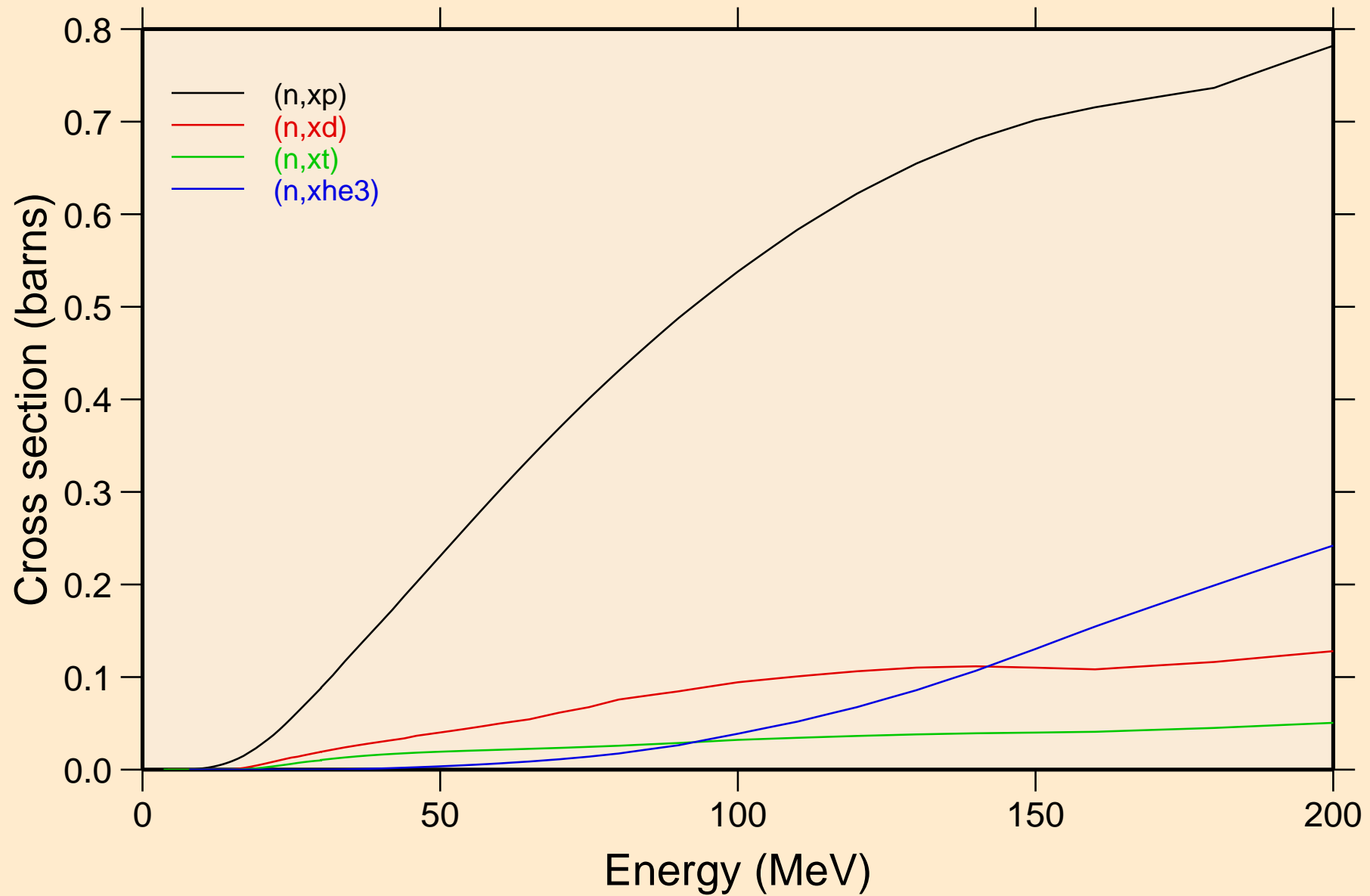
IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



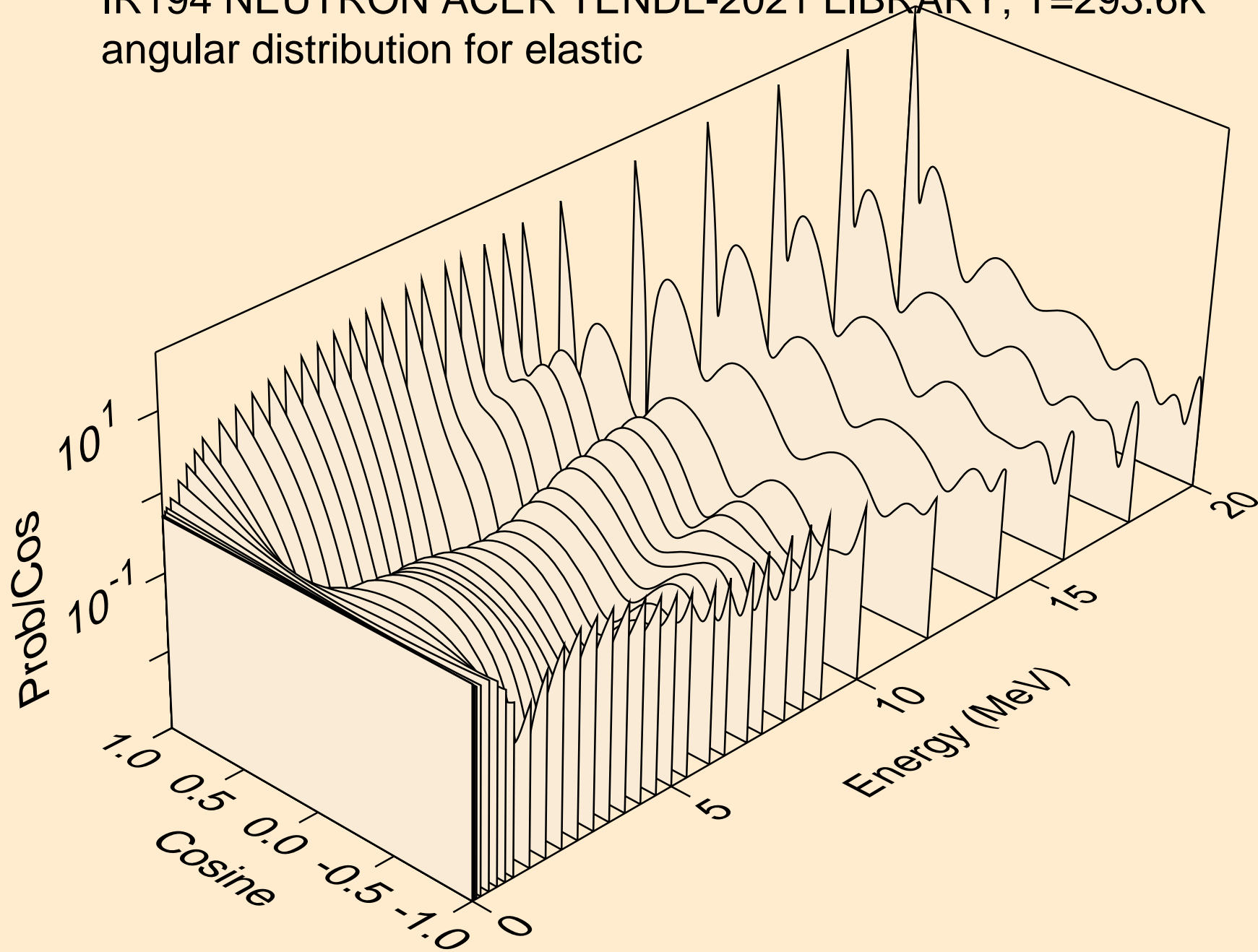
IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



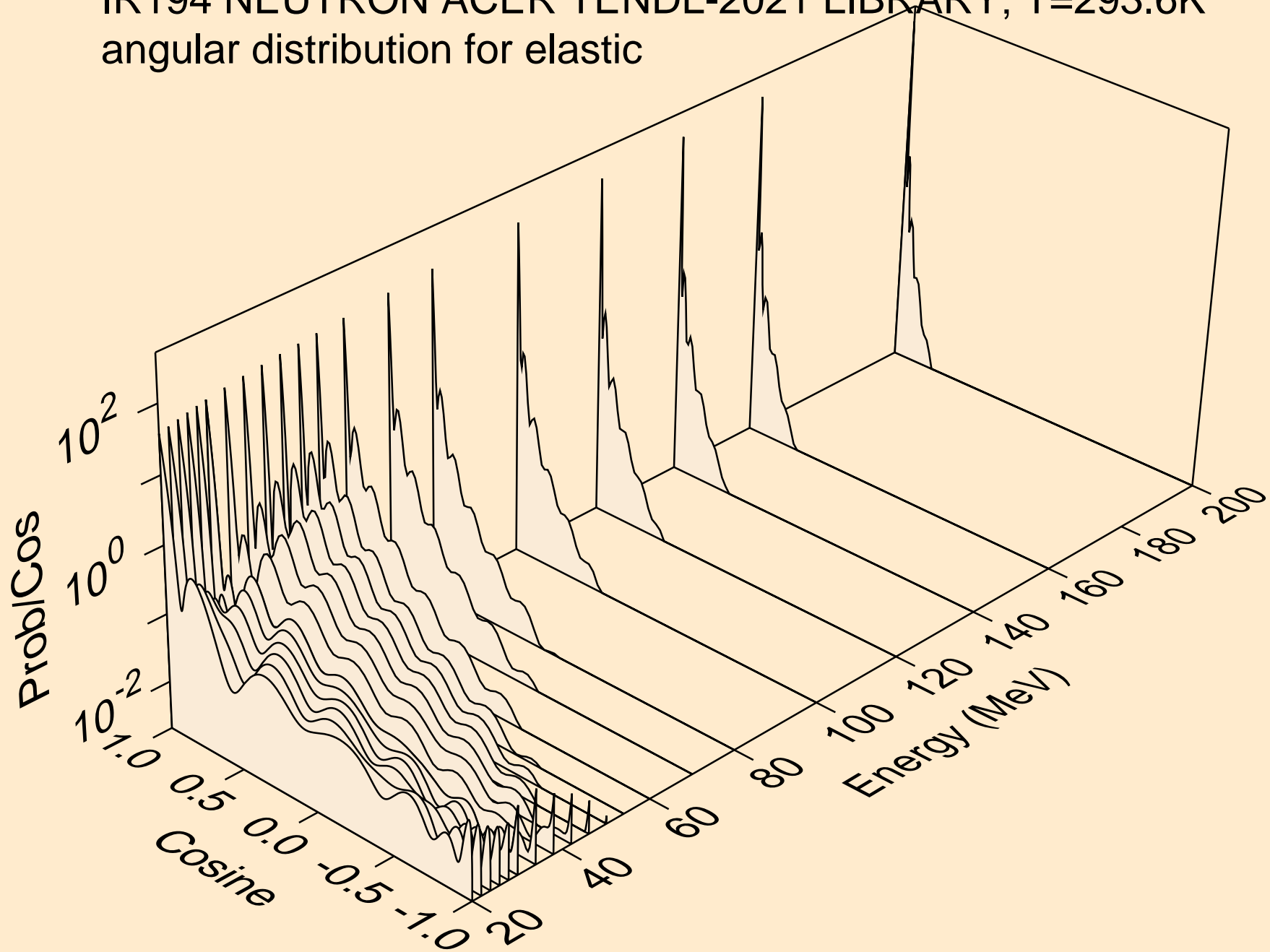
IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



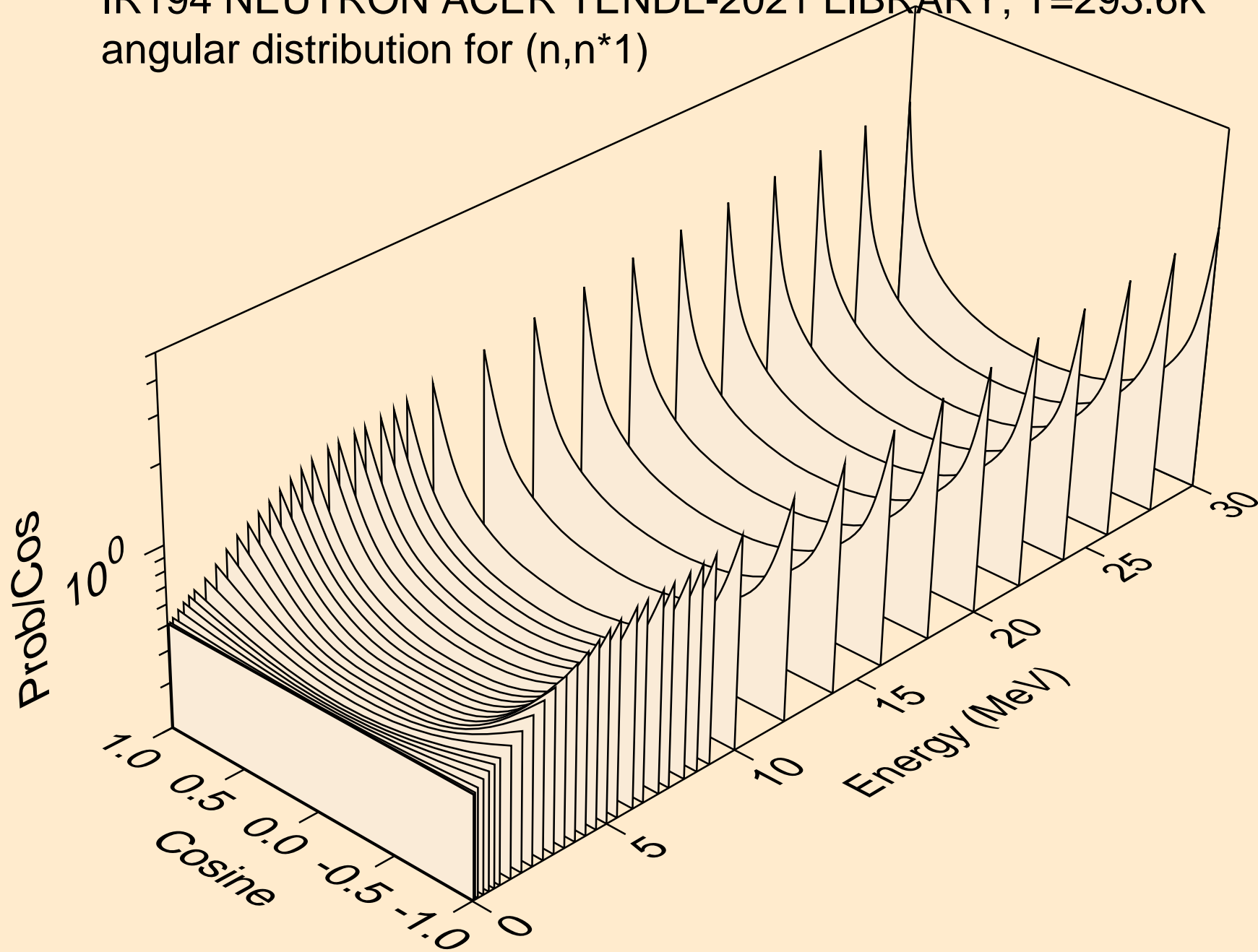
IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



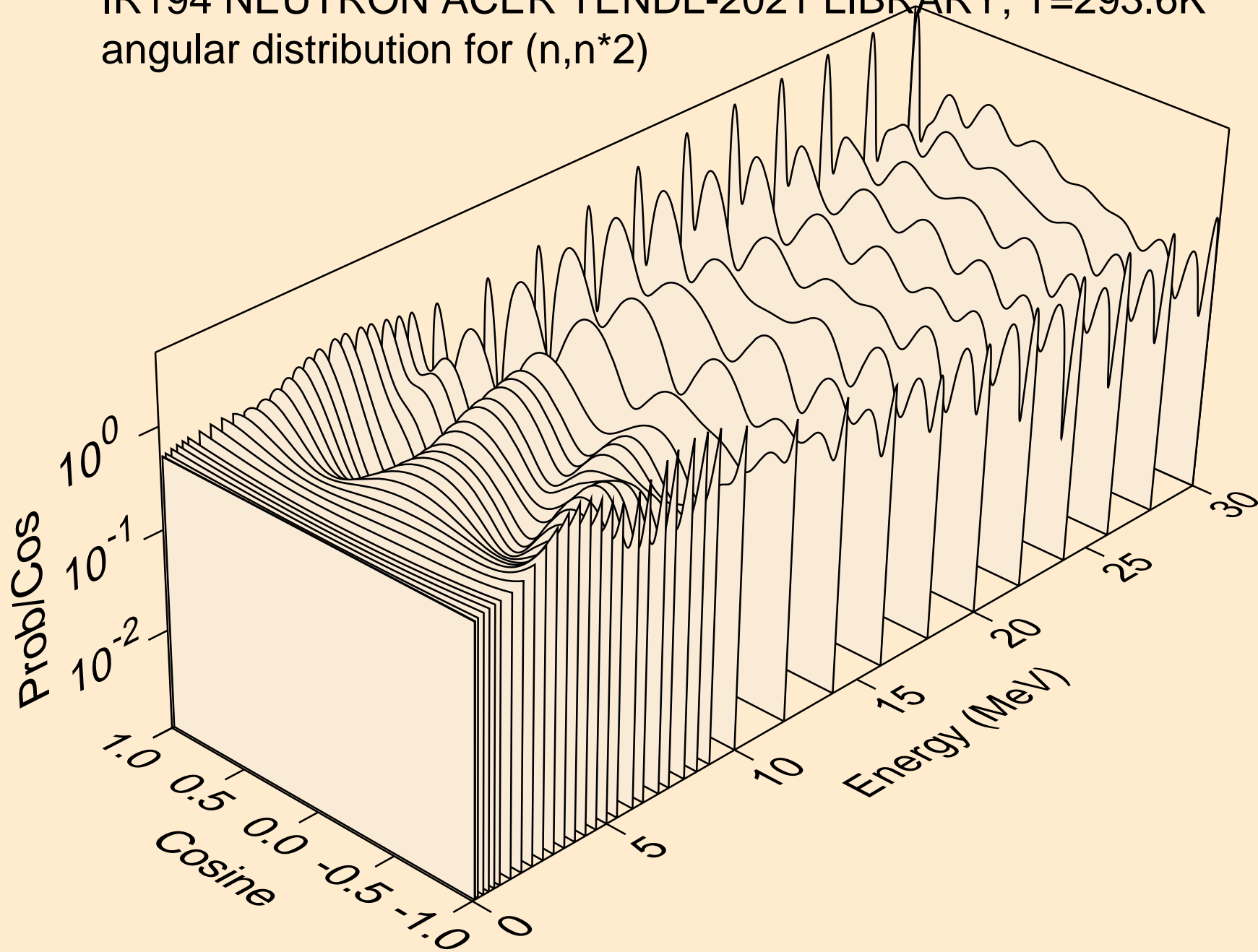
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angular distribution for elastic



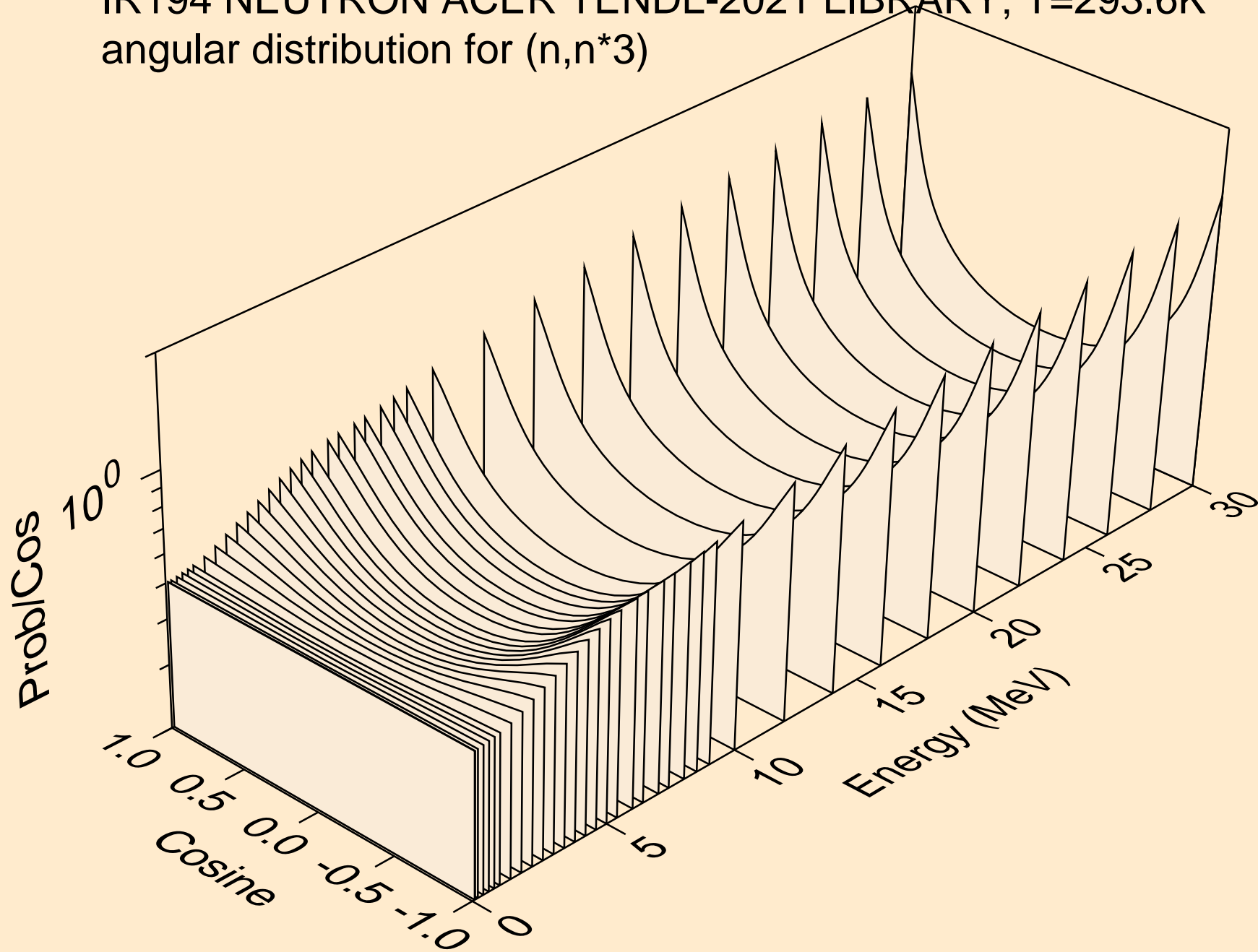
IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)

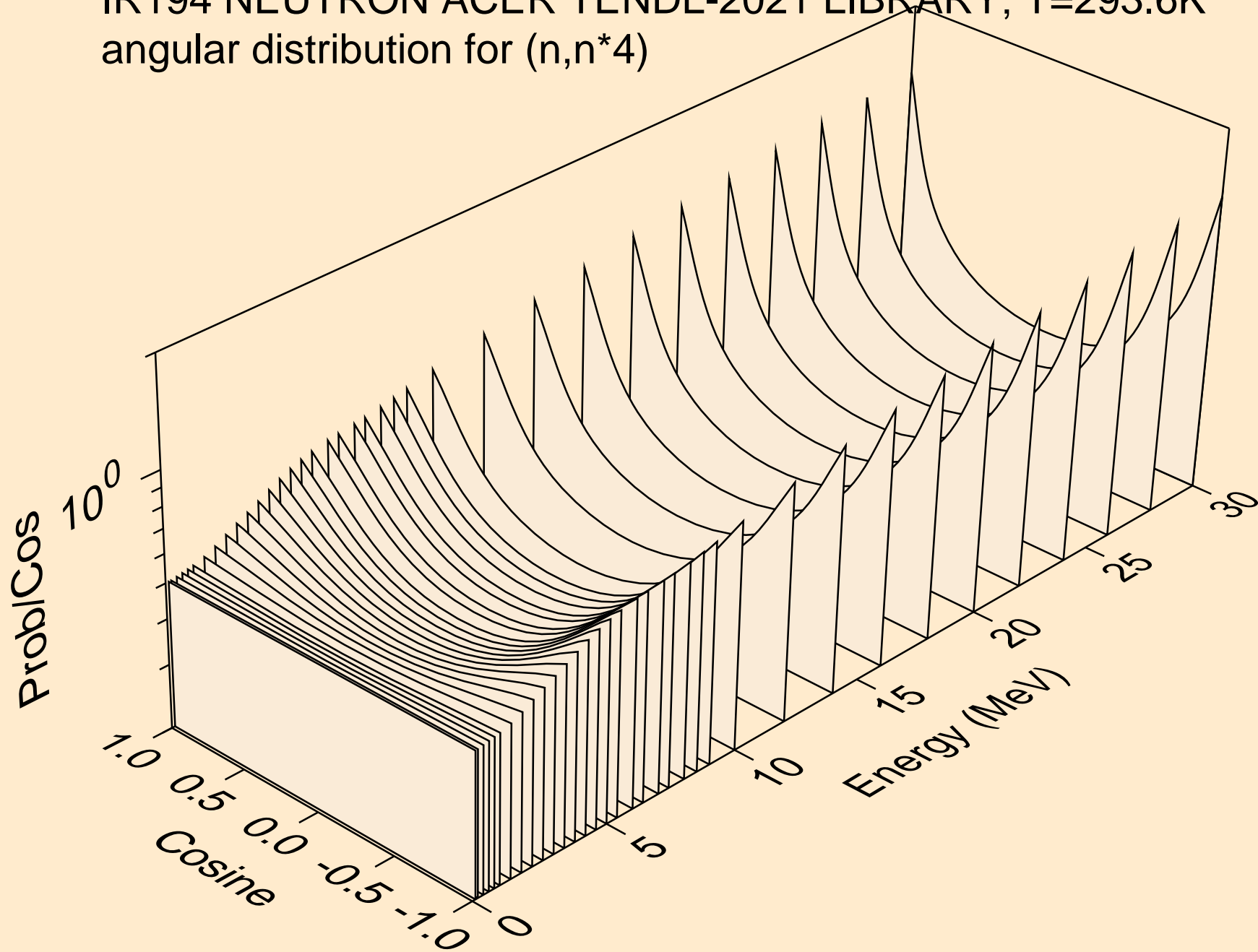


IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*3)

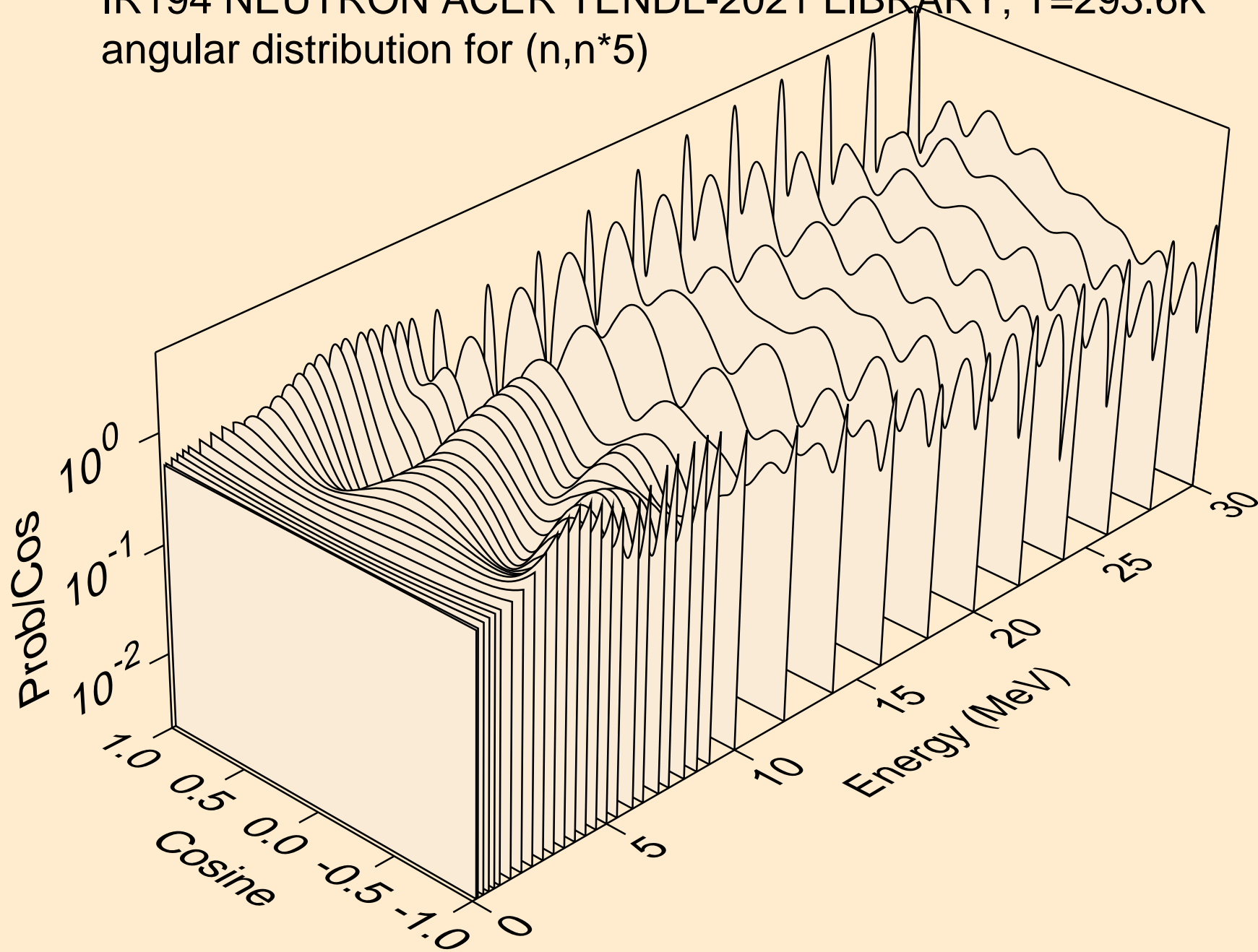




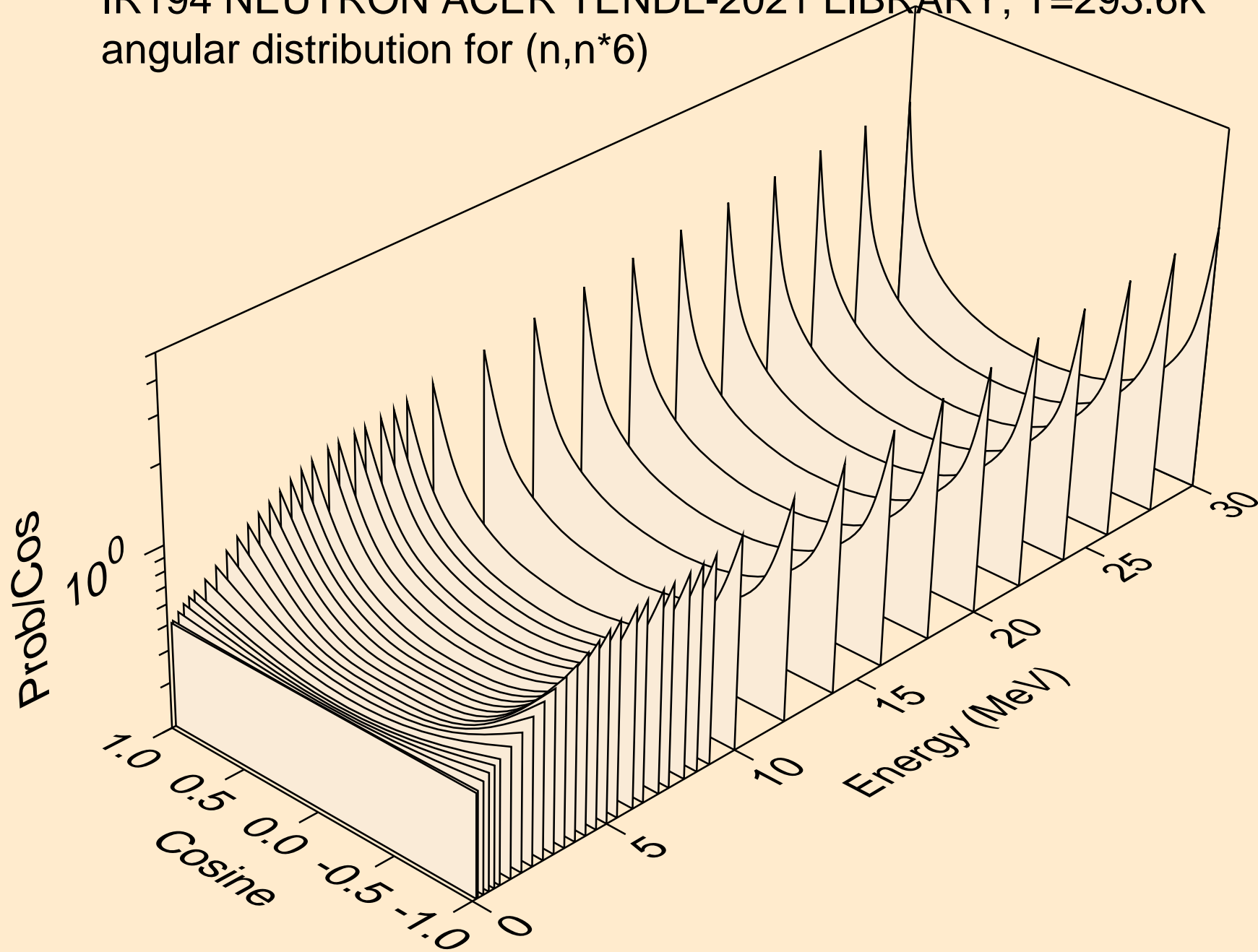
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angular distribution for (n,n\*4)



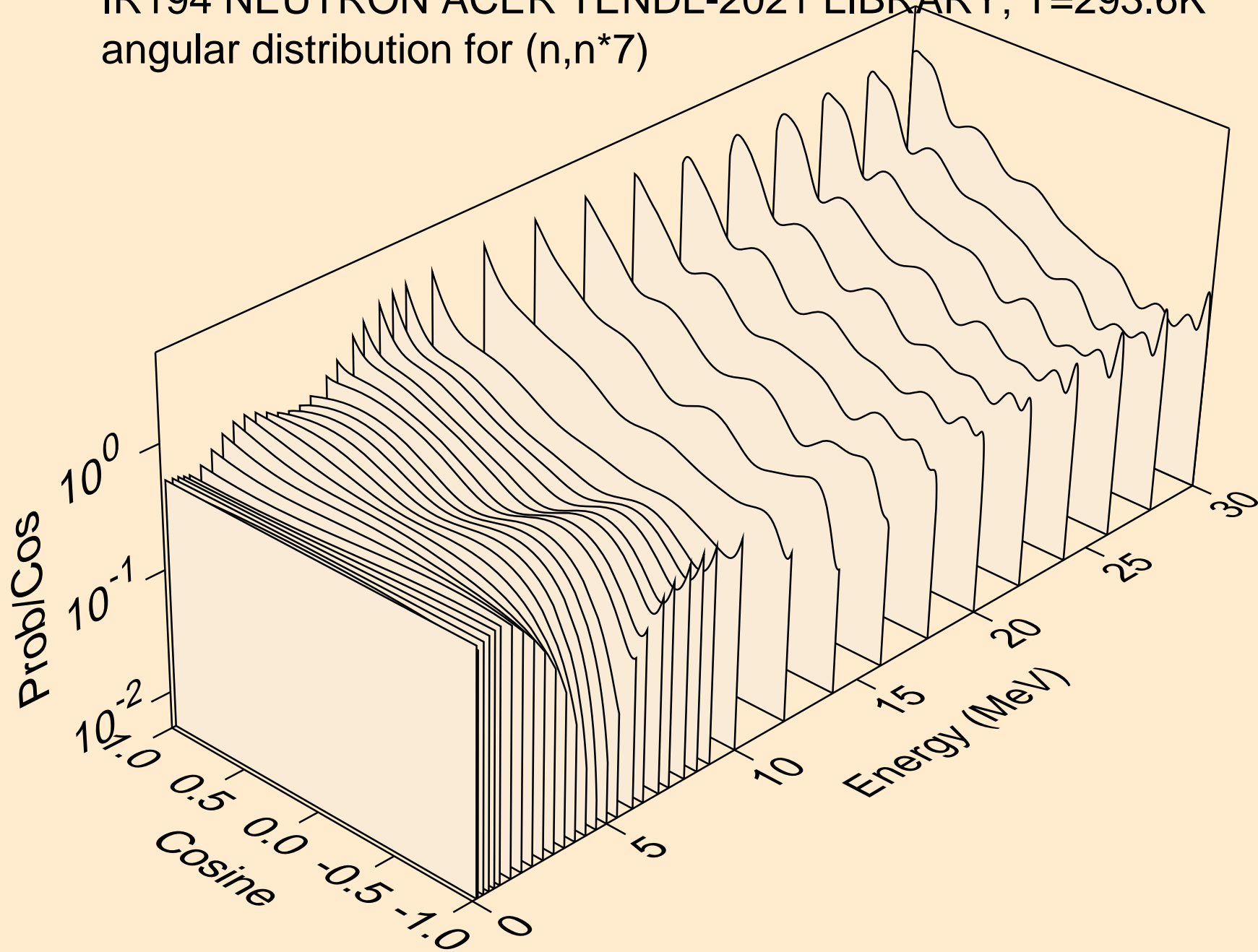
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angular distribution for (n,n\*5)



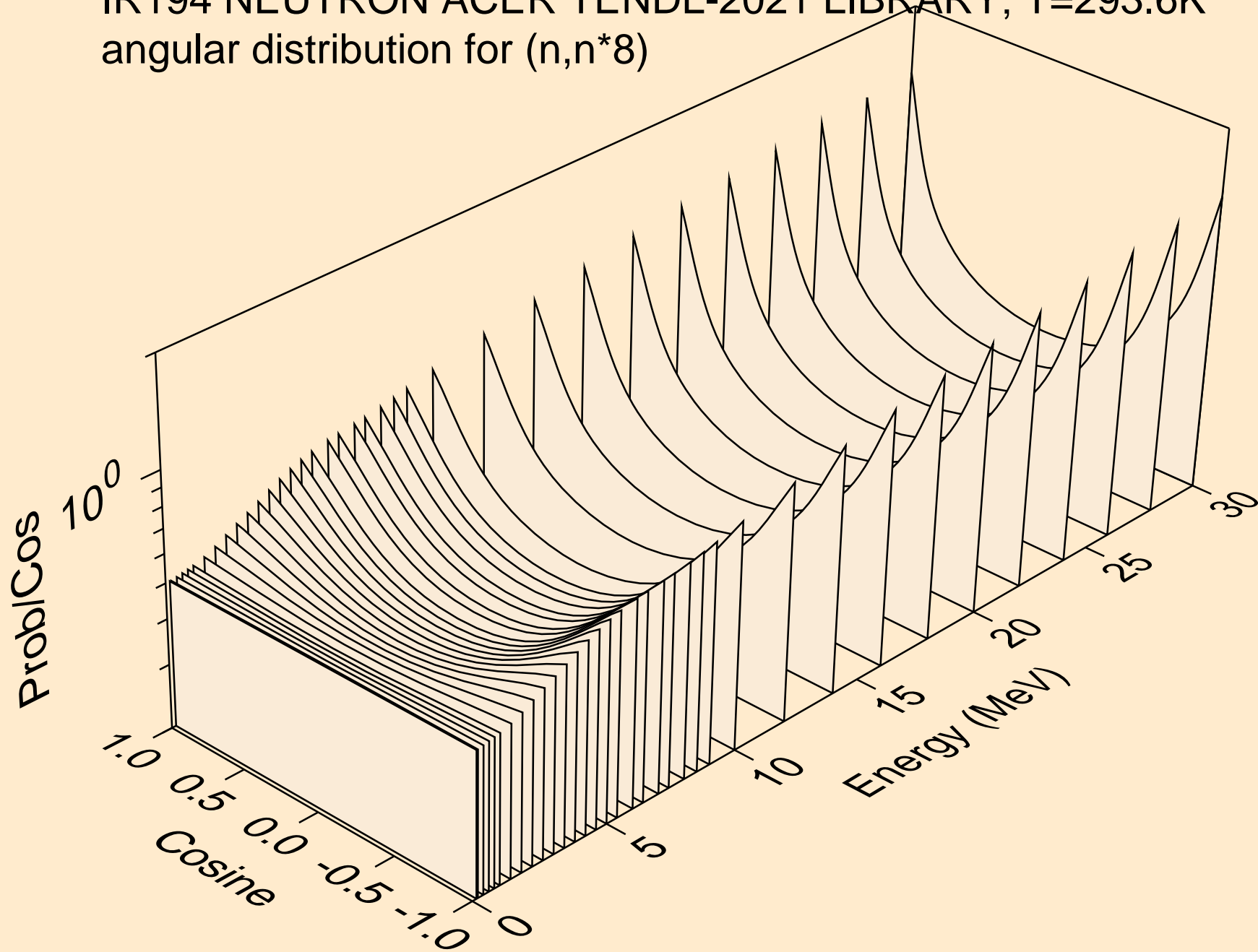
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angular distribution for (n,n\*6)



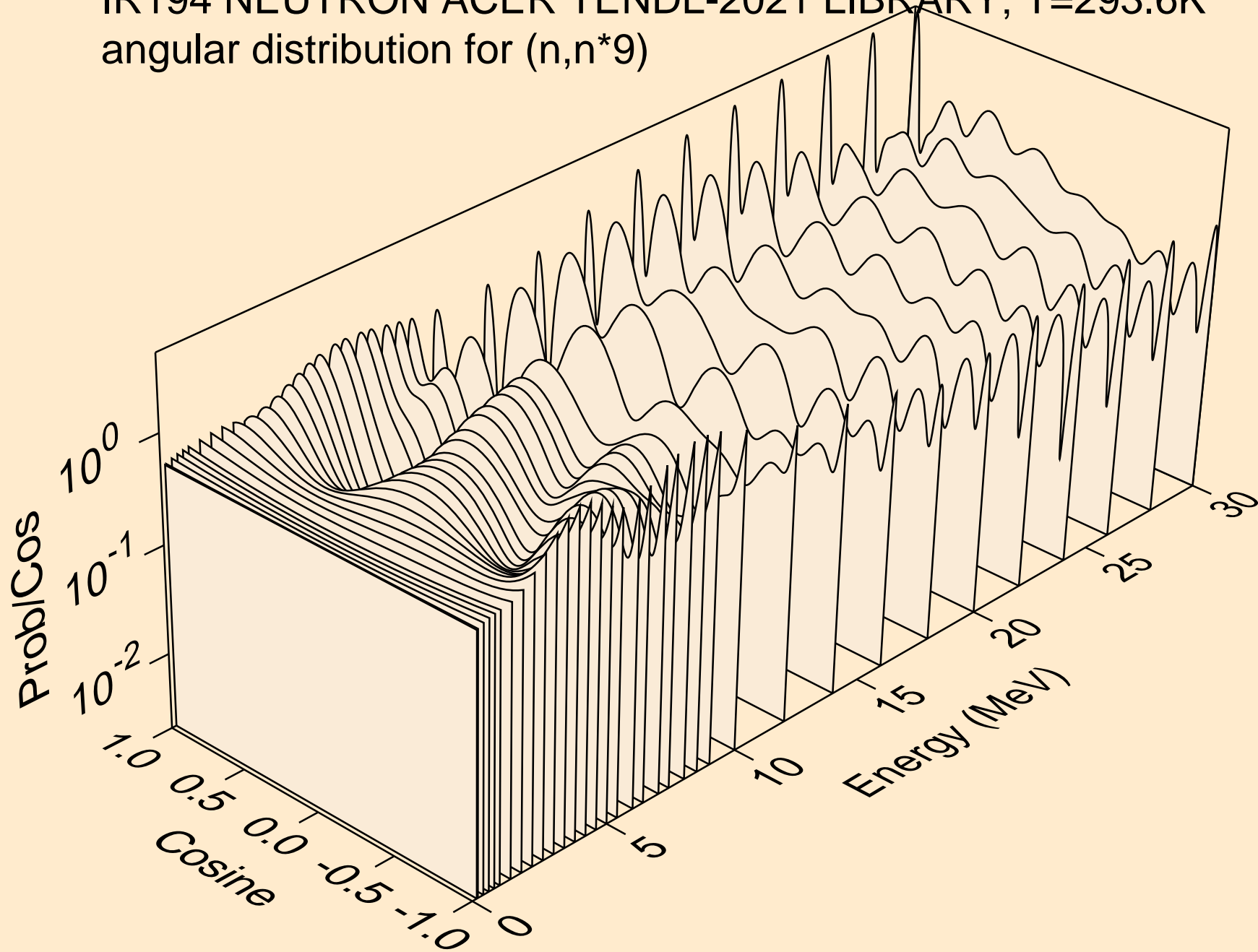
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angular distribution for (n,n\*7)



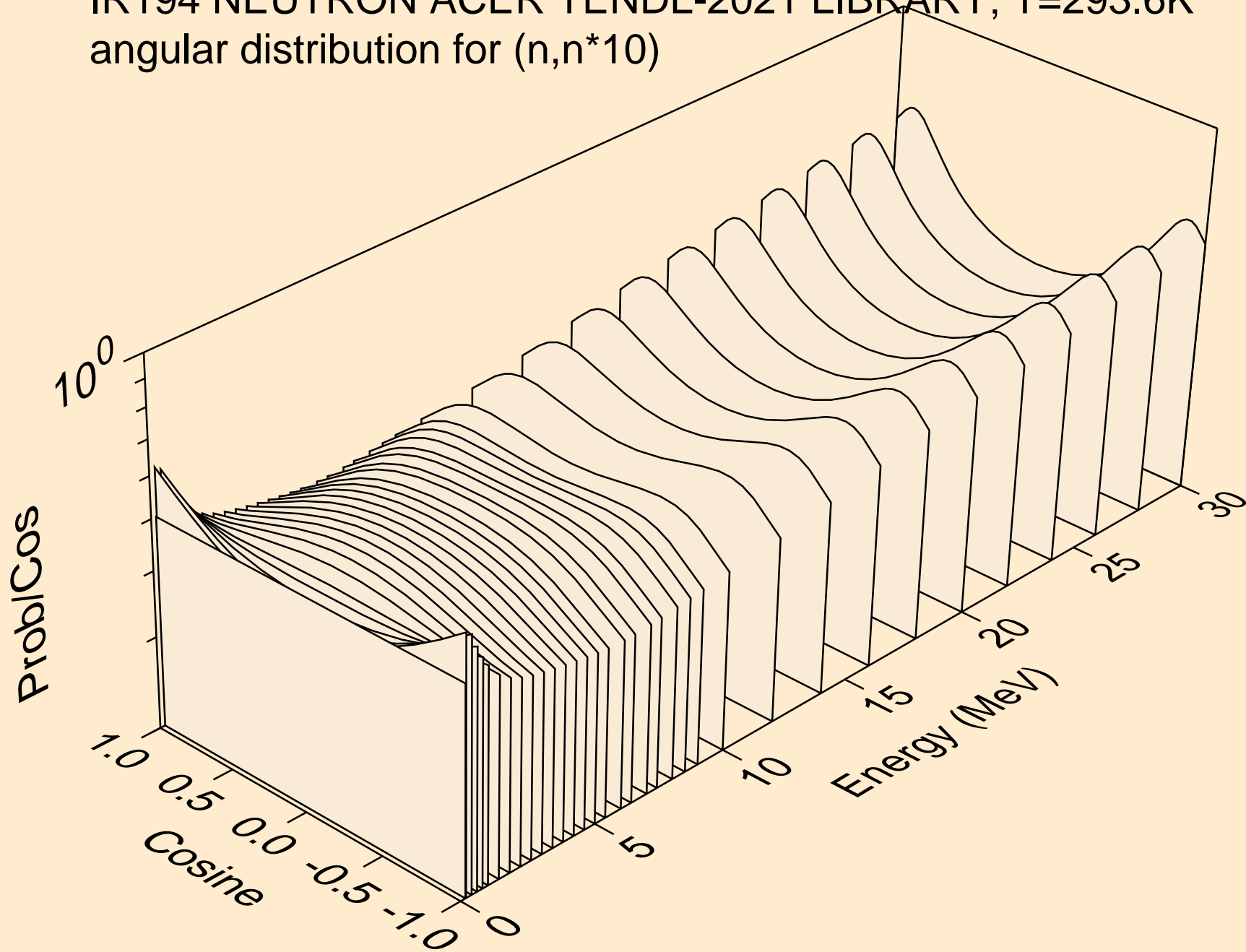
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angular distribution for (n,n\*8)



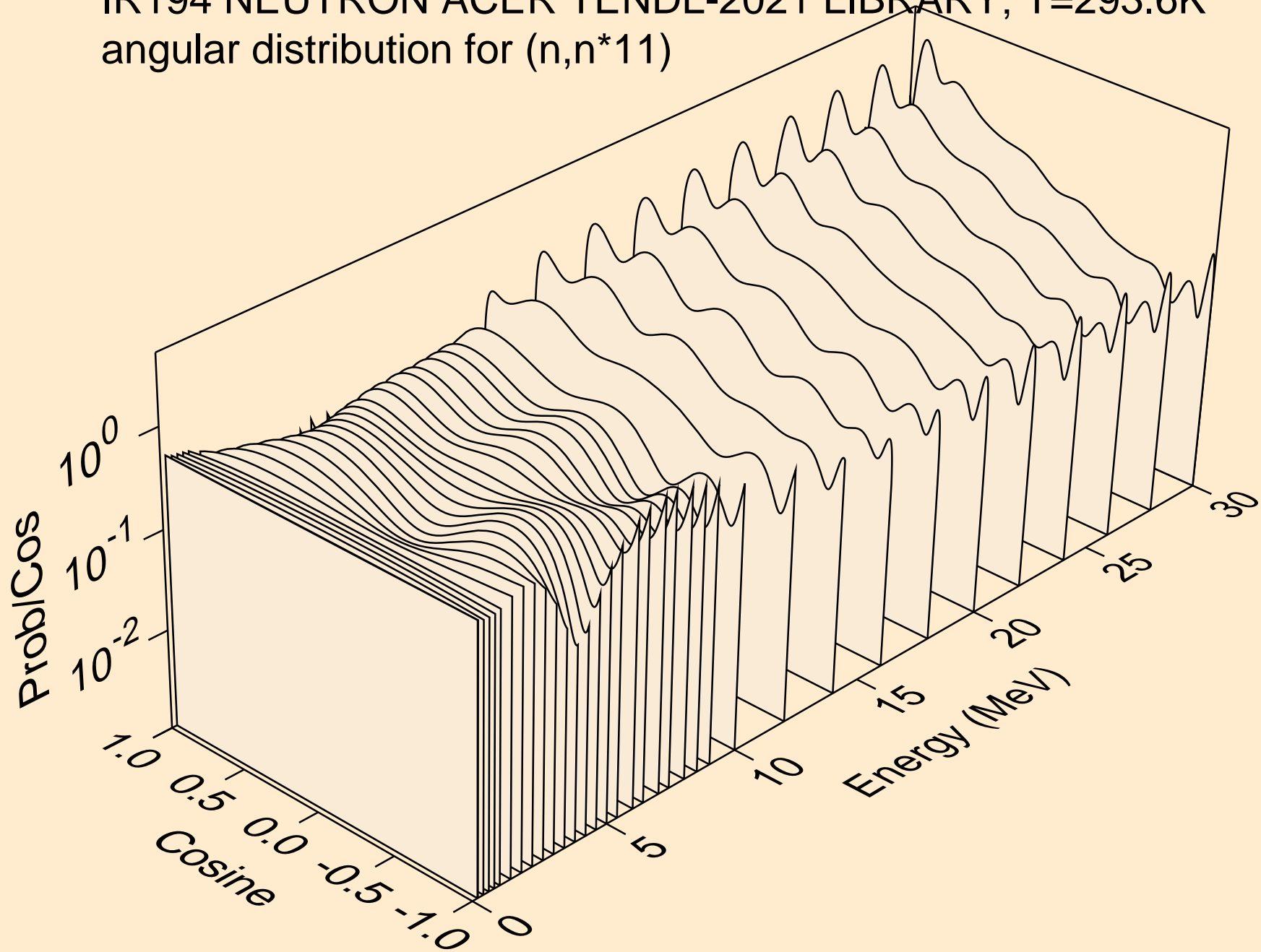
IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*9)



IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*10)

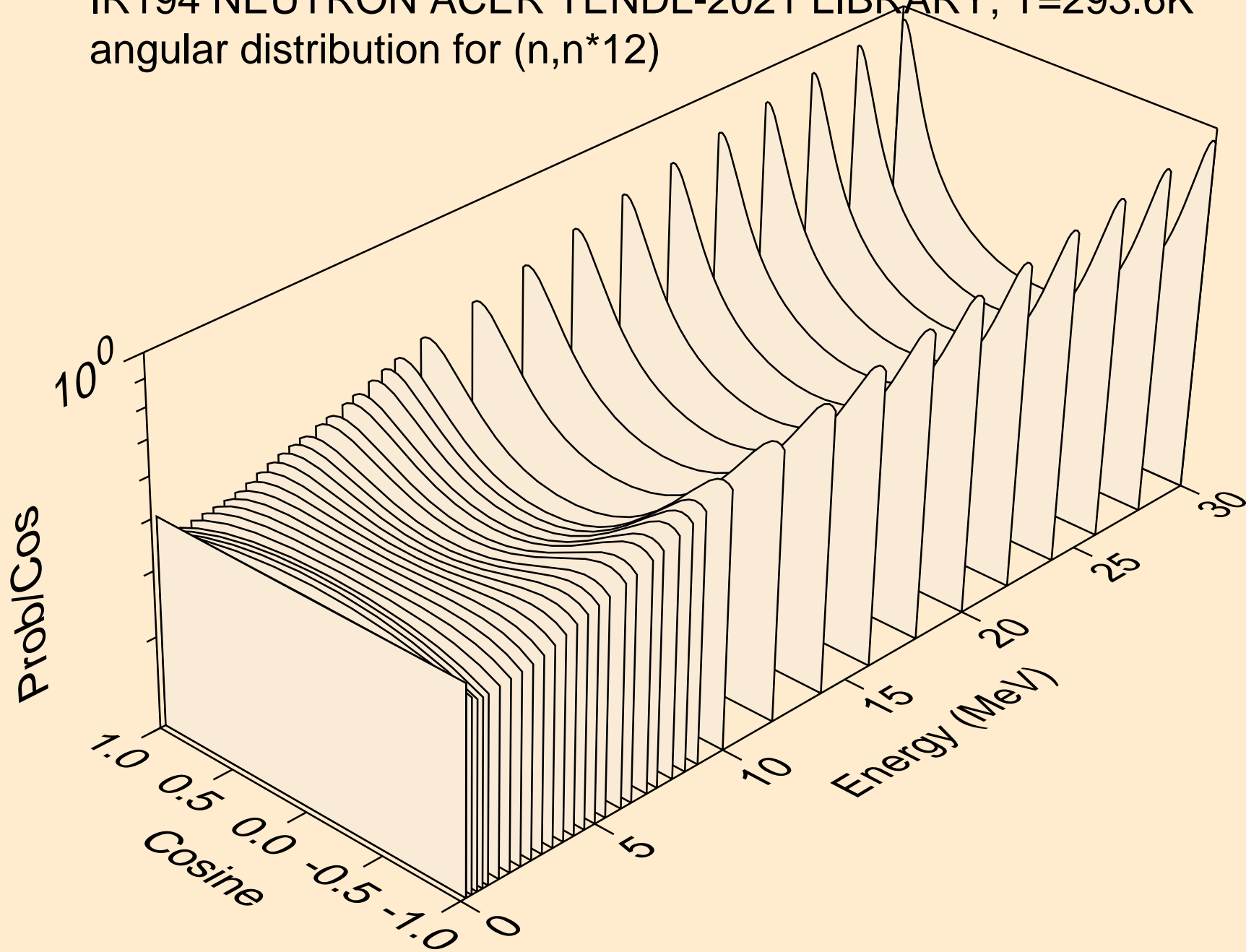


IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*11)

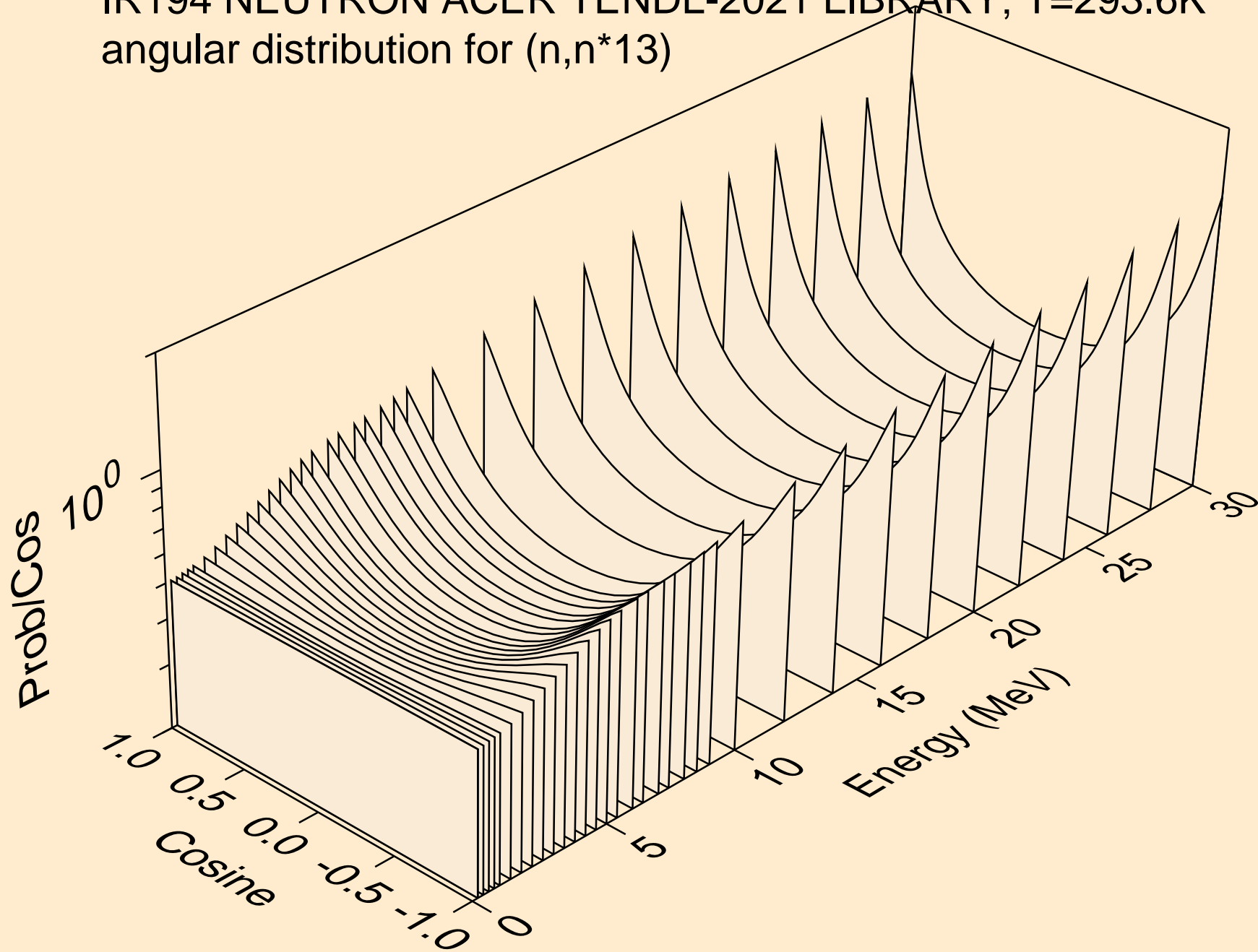




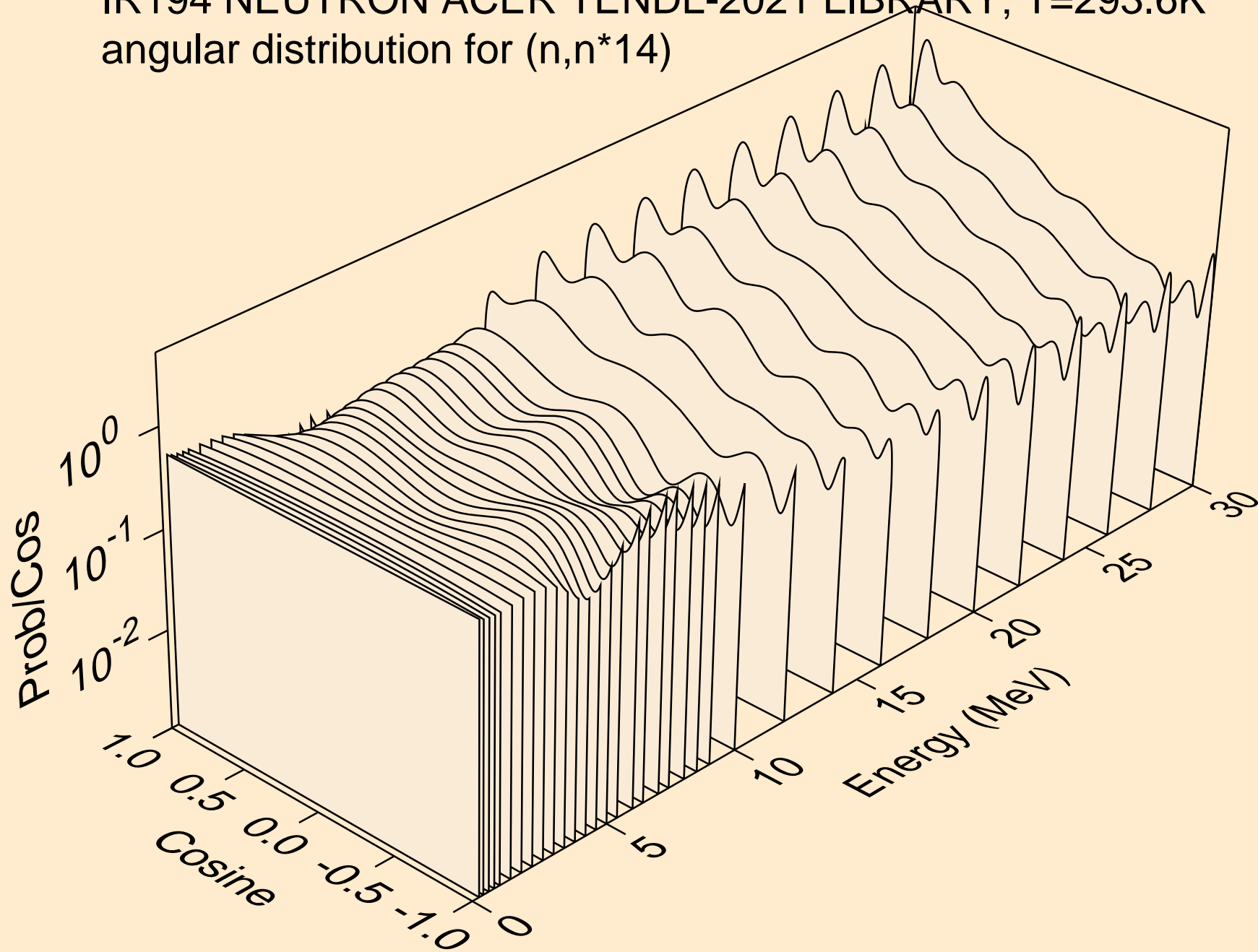
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angular distribution for (n,n\*12)



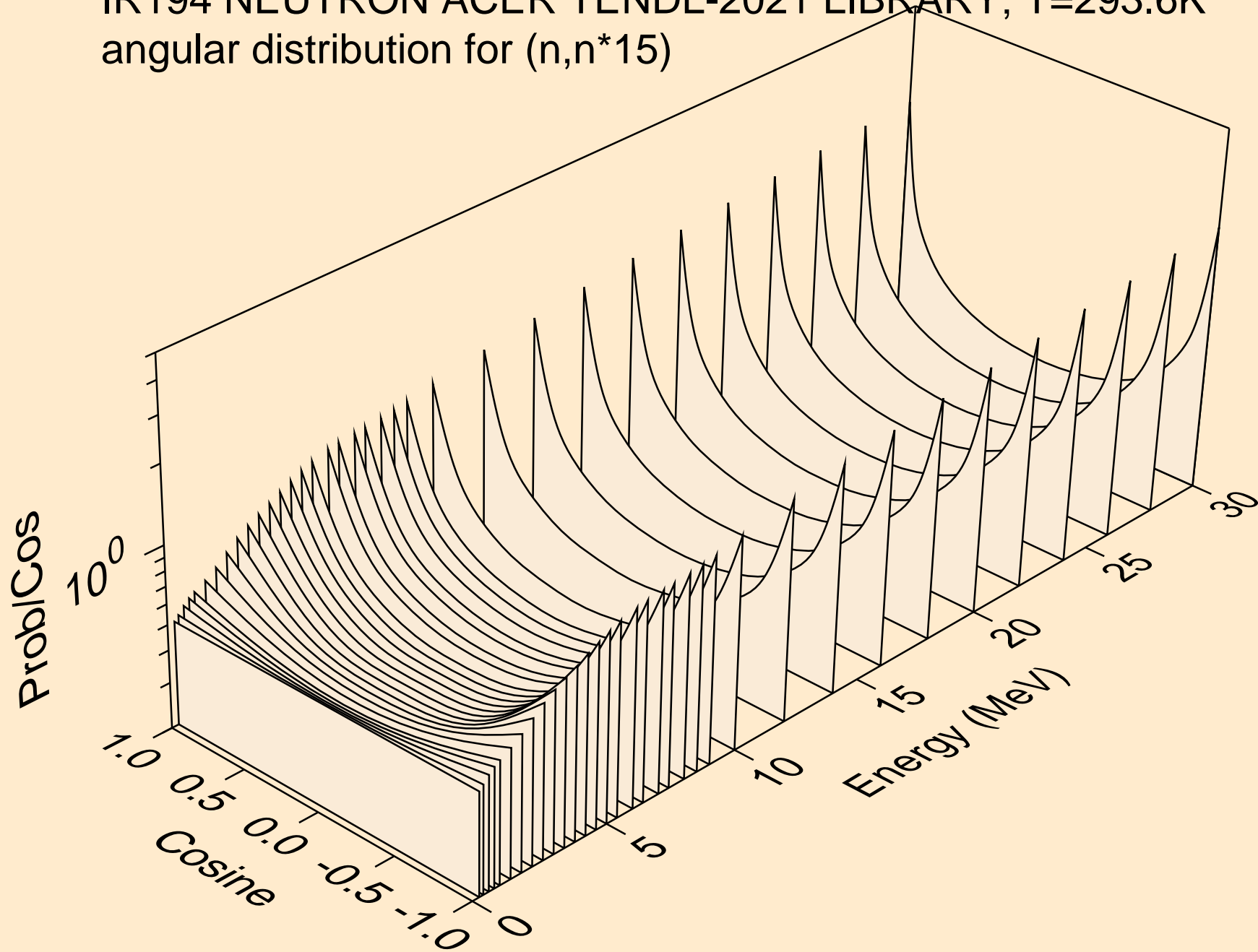
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angular distribution for (n,n\*13)



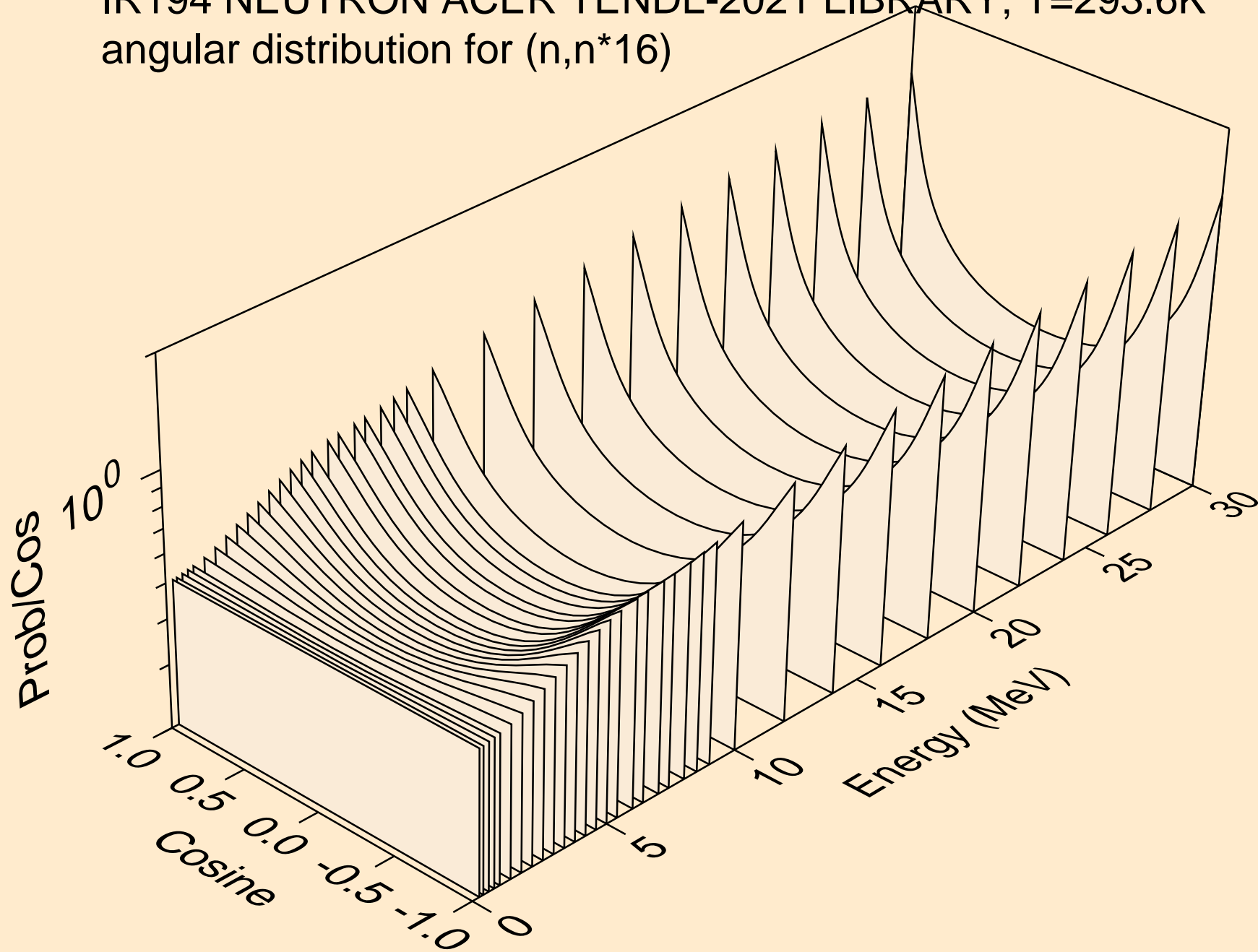
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angular distribution for (n,n\*14)



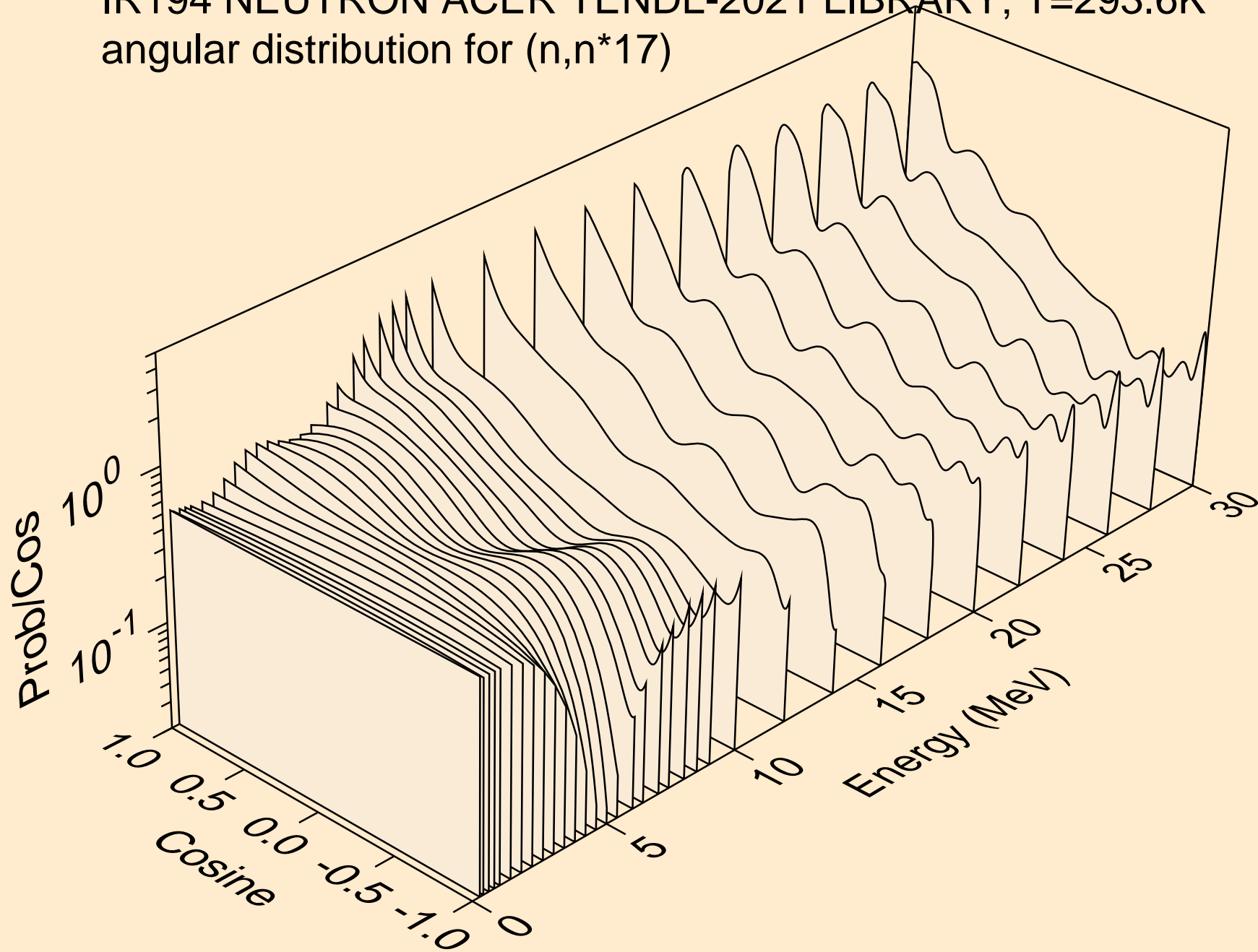
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angular distribution for (n,n\*15)



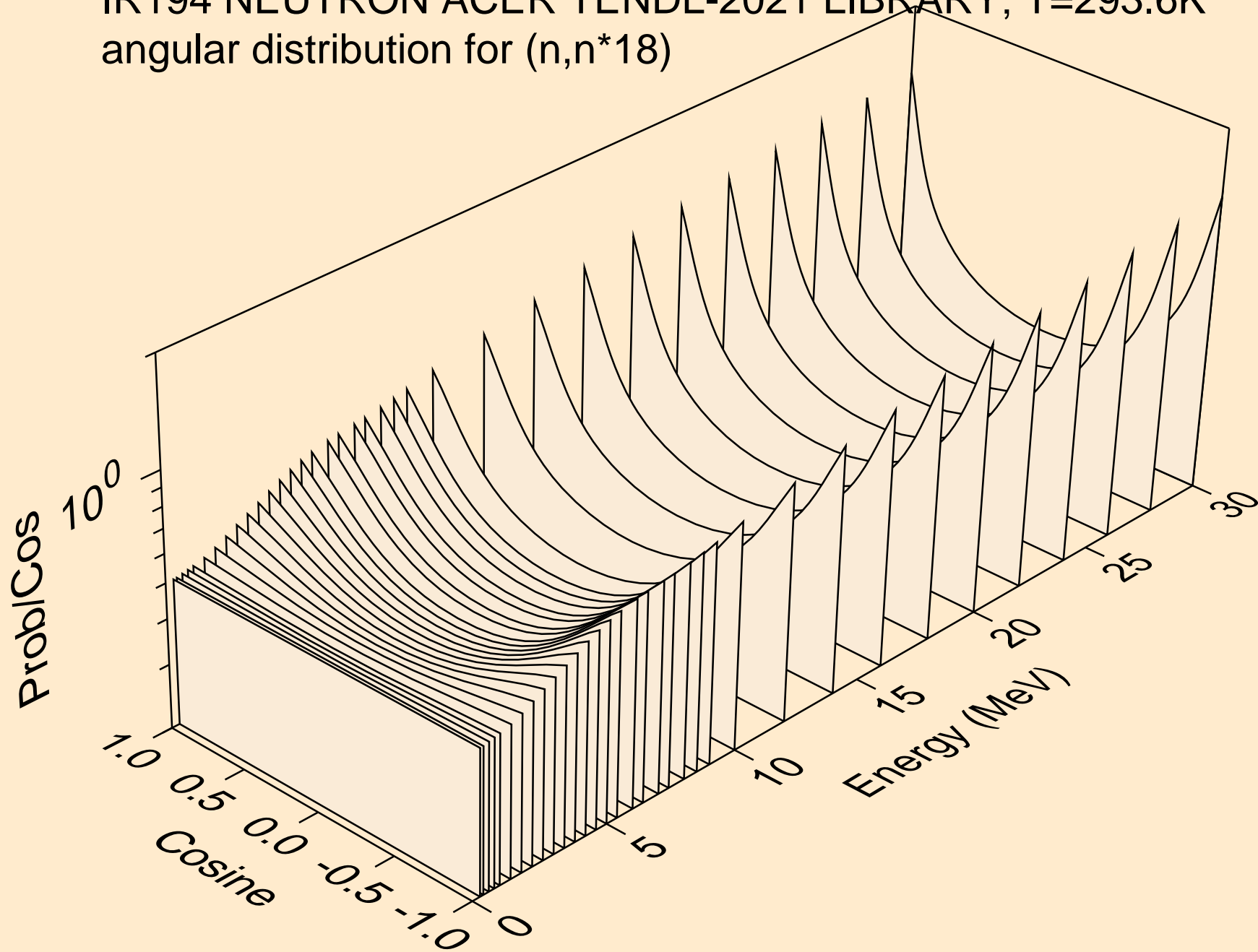
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angular distribution for (n,n\*16)



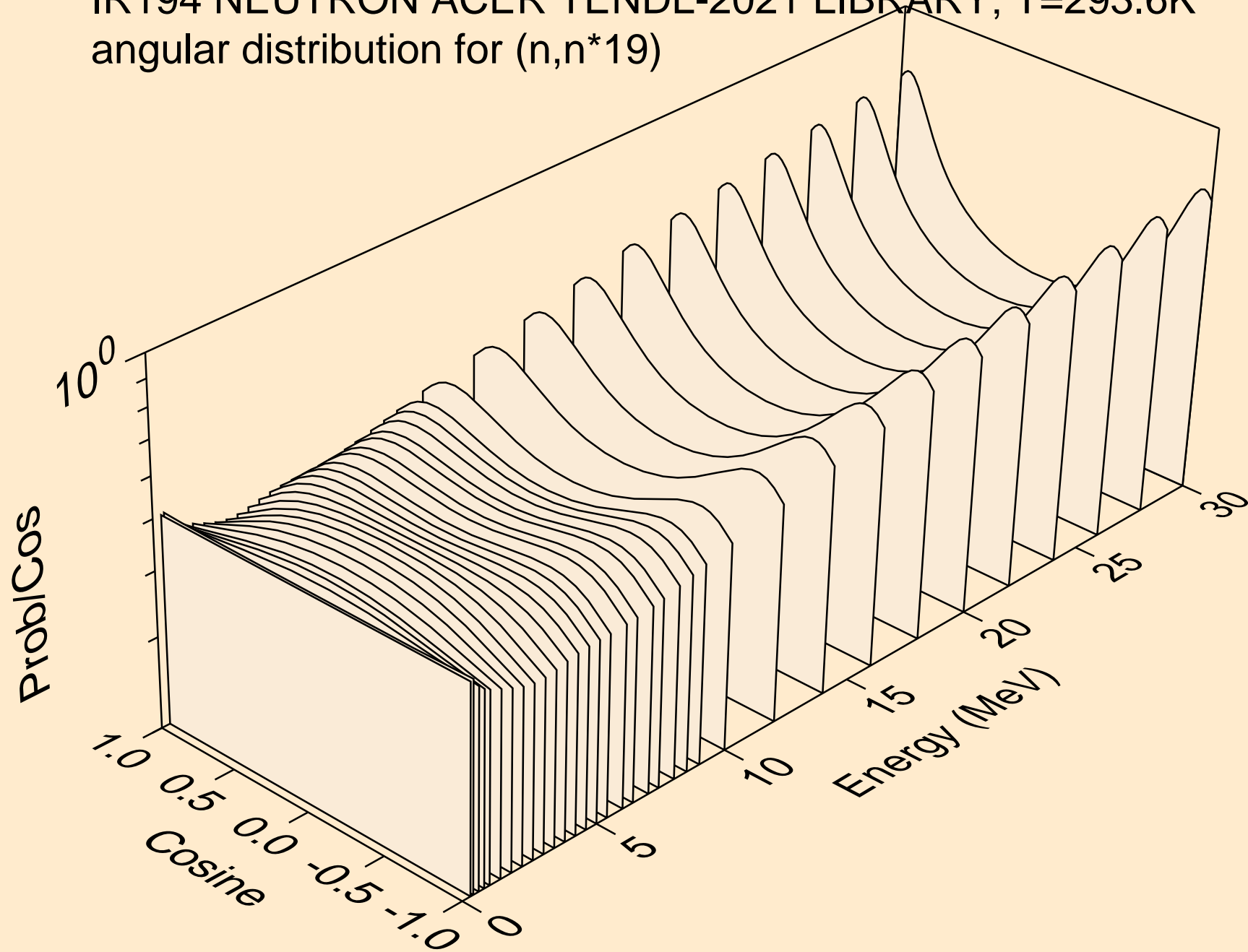
IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*17)



IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*18)

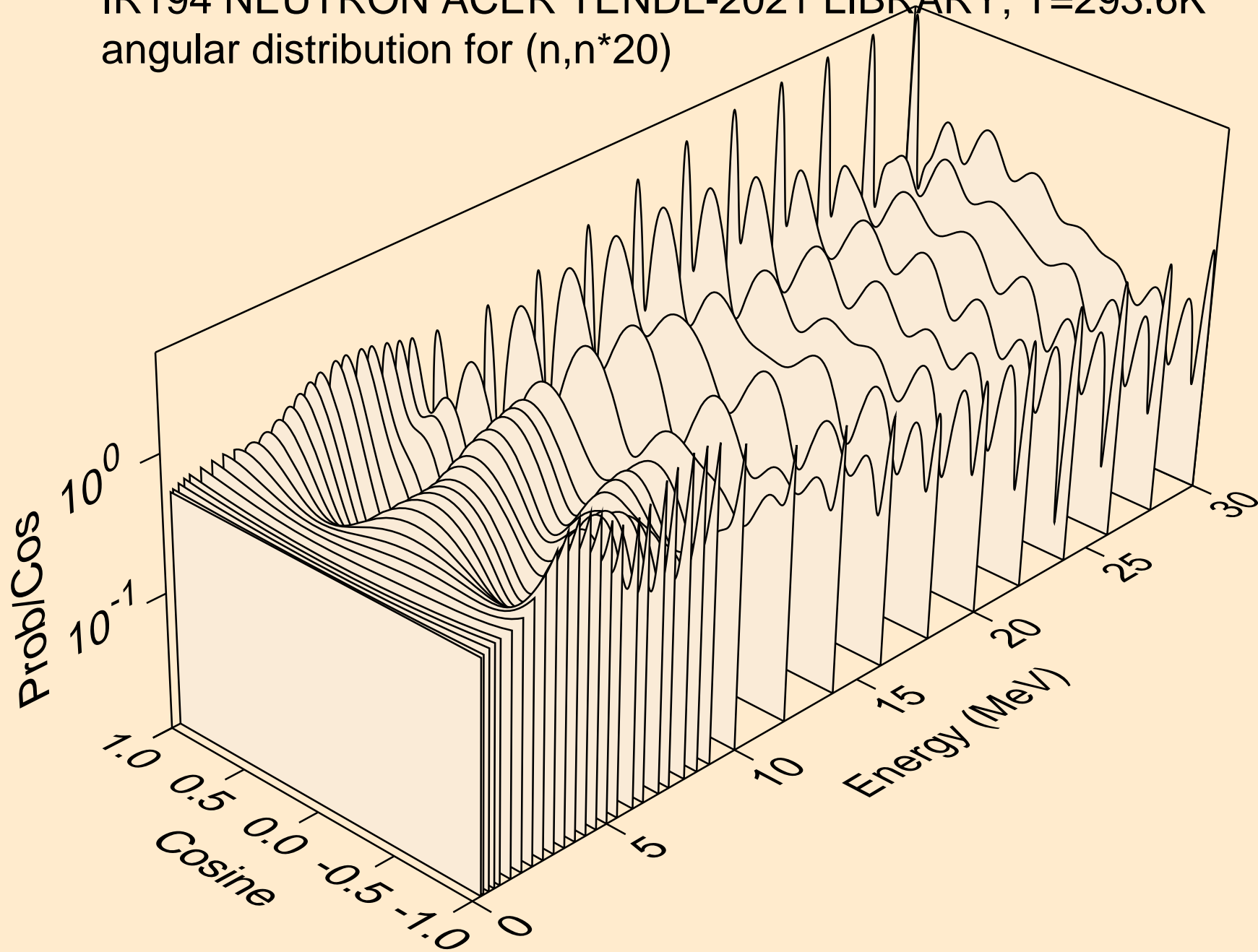


IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*19)

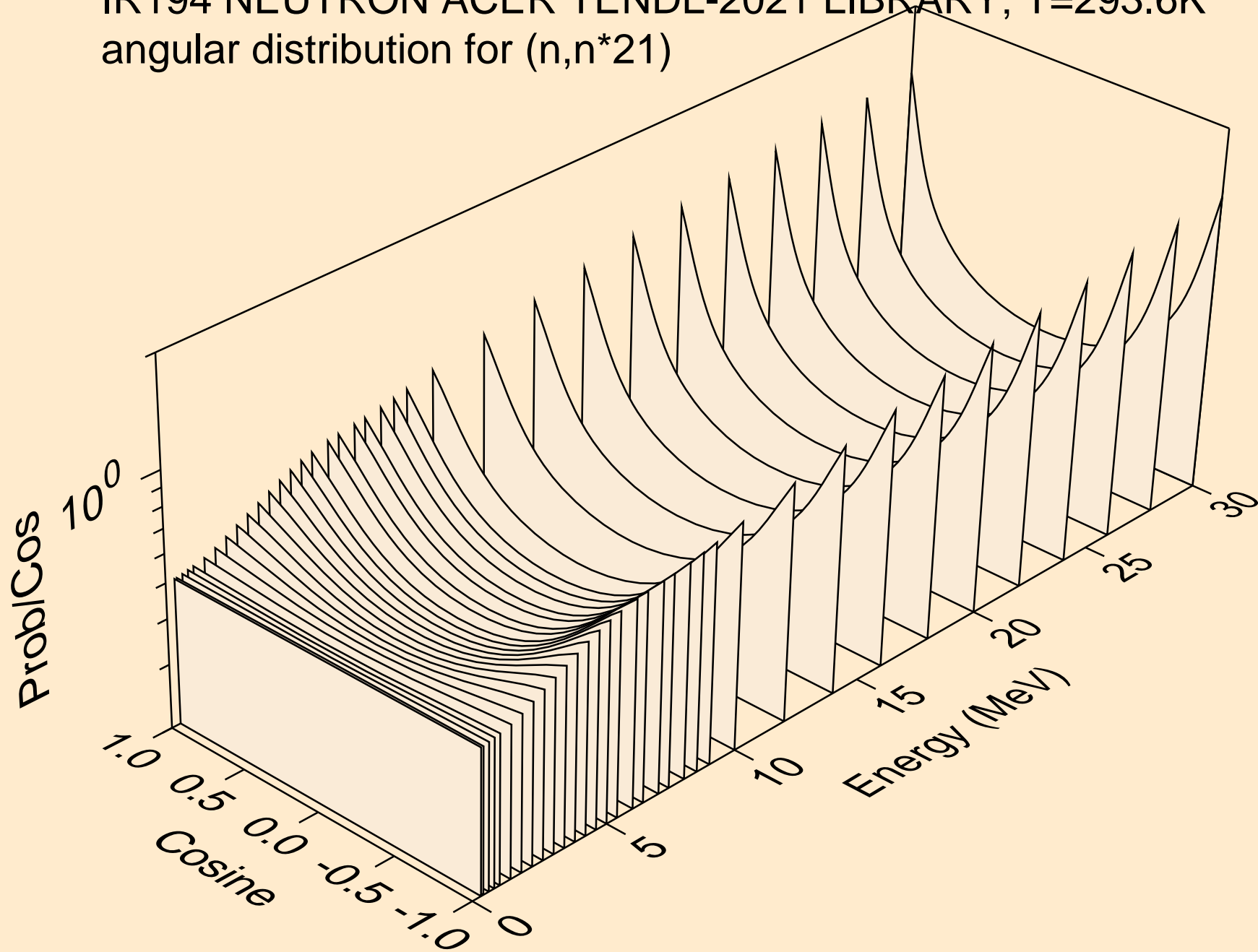




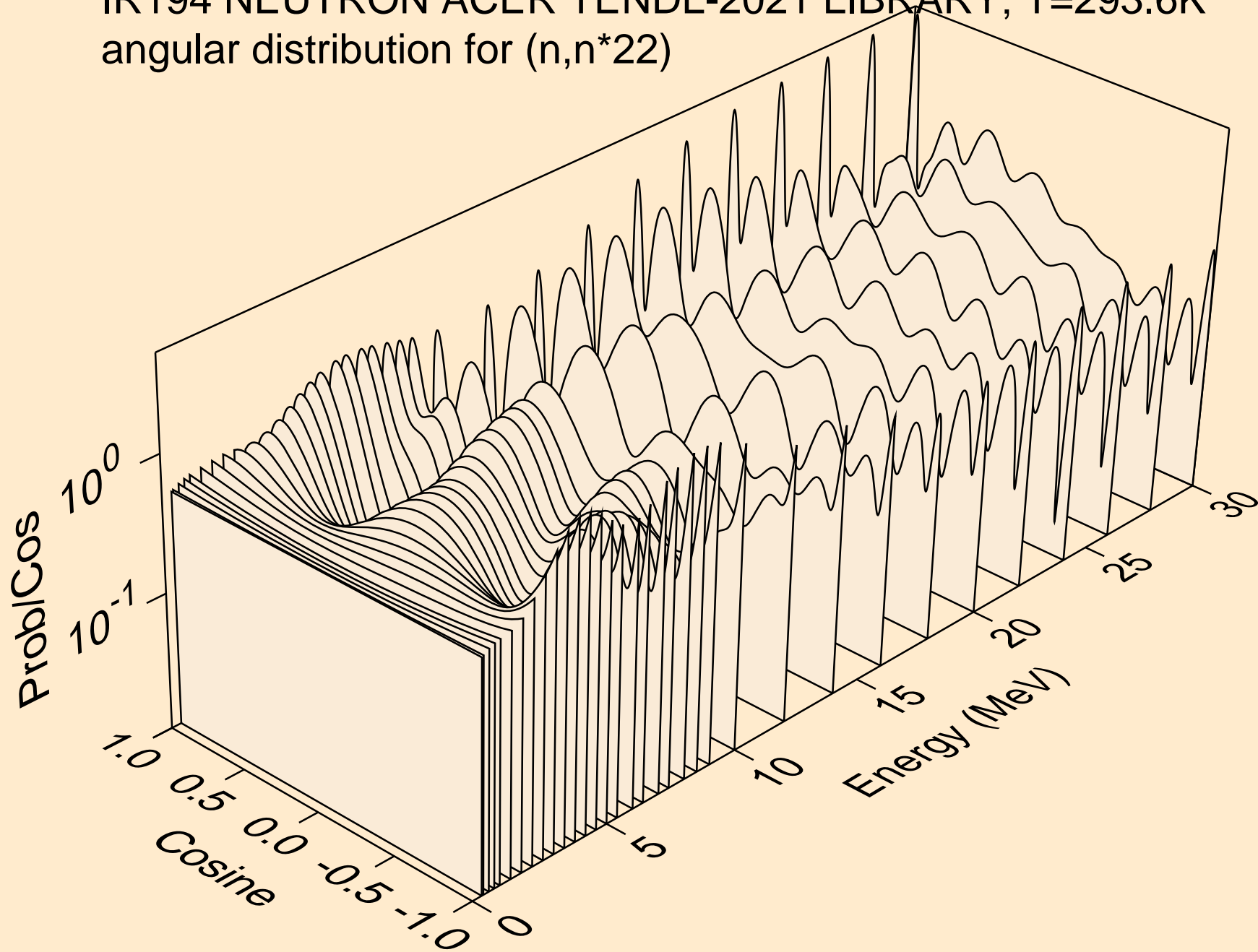
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angular distribution for (n,n\*20)



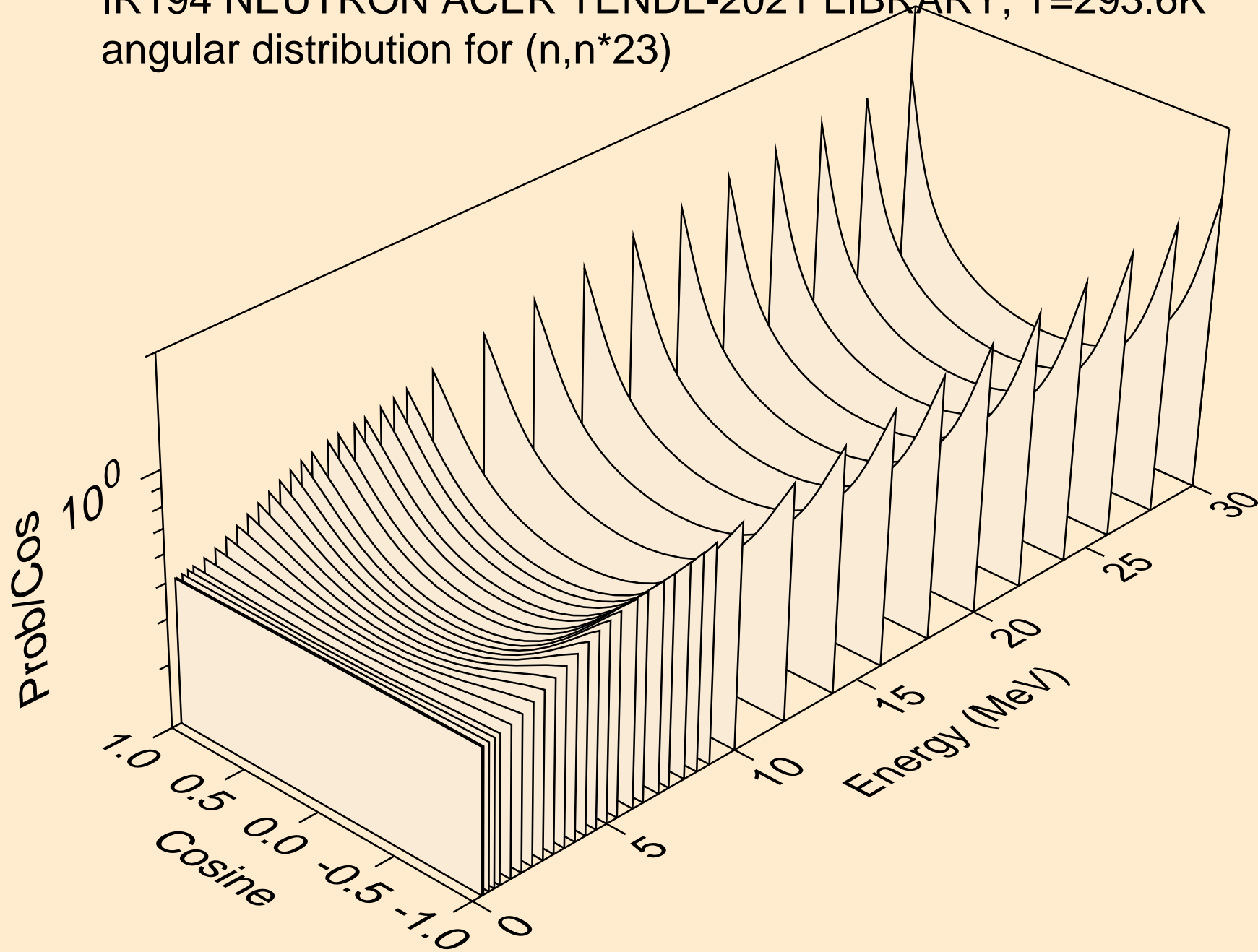
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angular distribution for (n,n\*21)



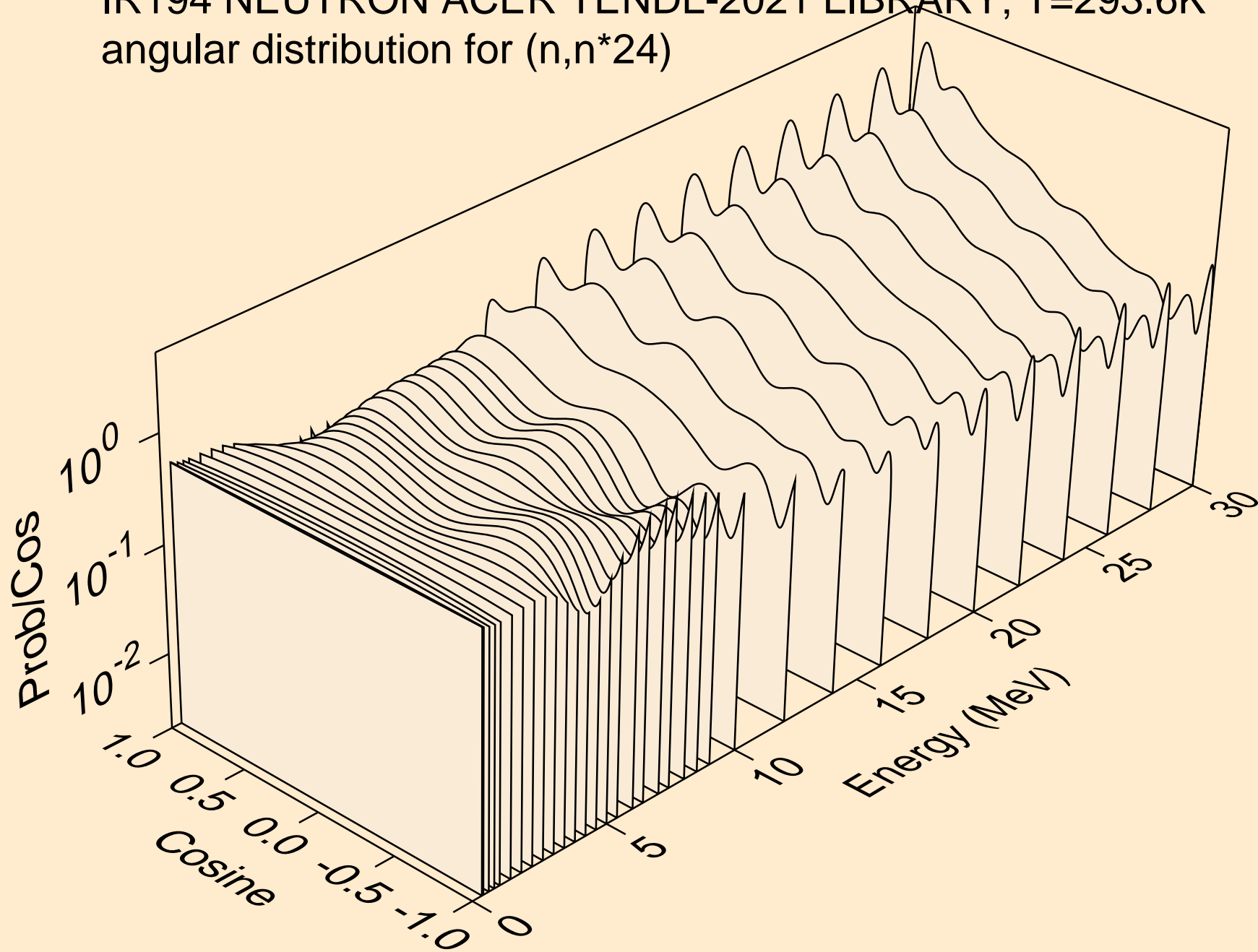
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angular distribution for (n,n\*22)



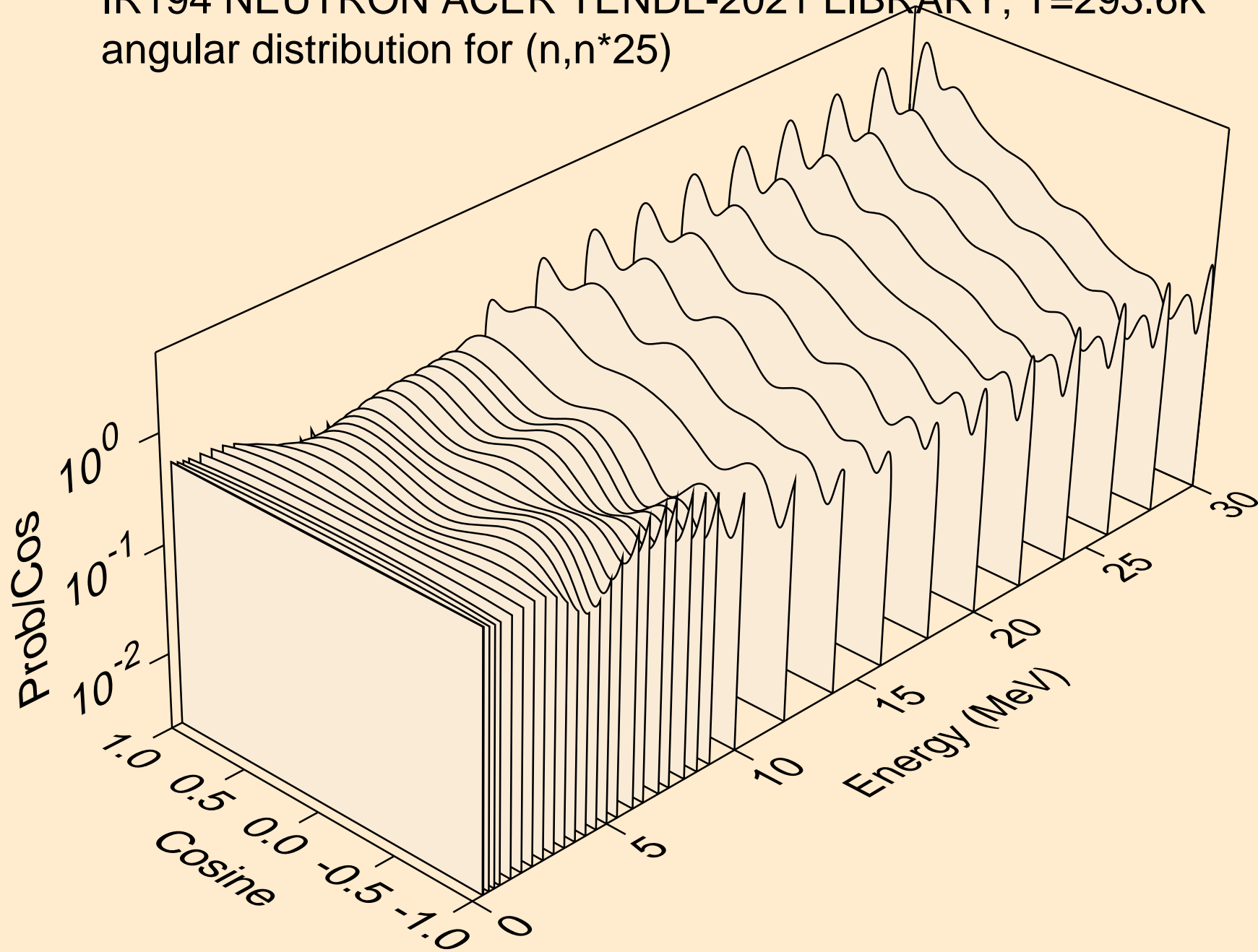
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angular distribution for (n,n\*23)



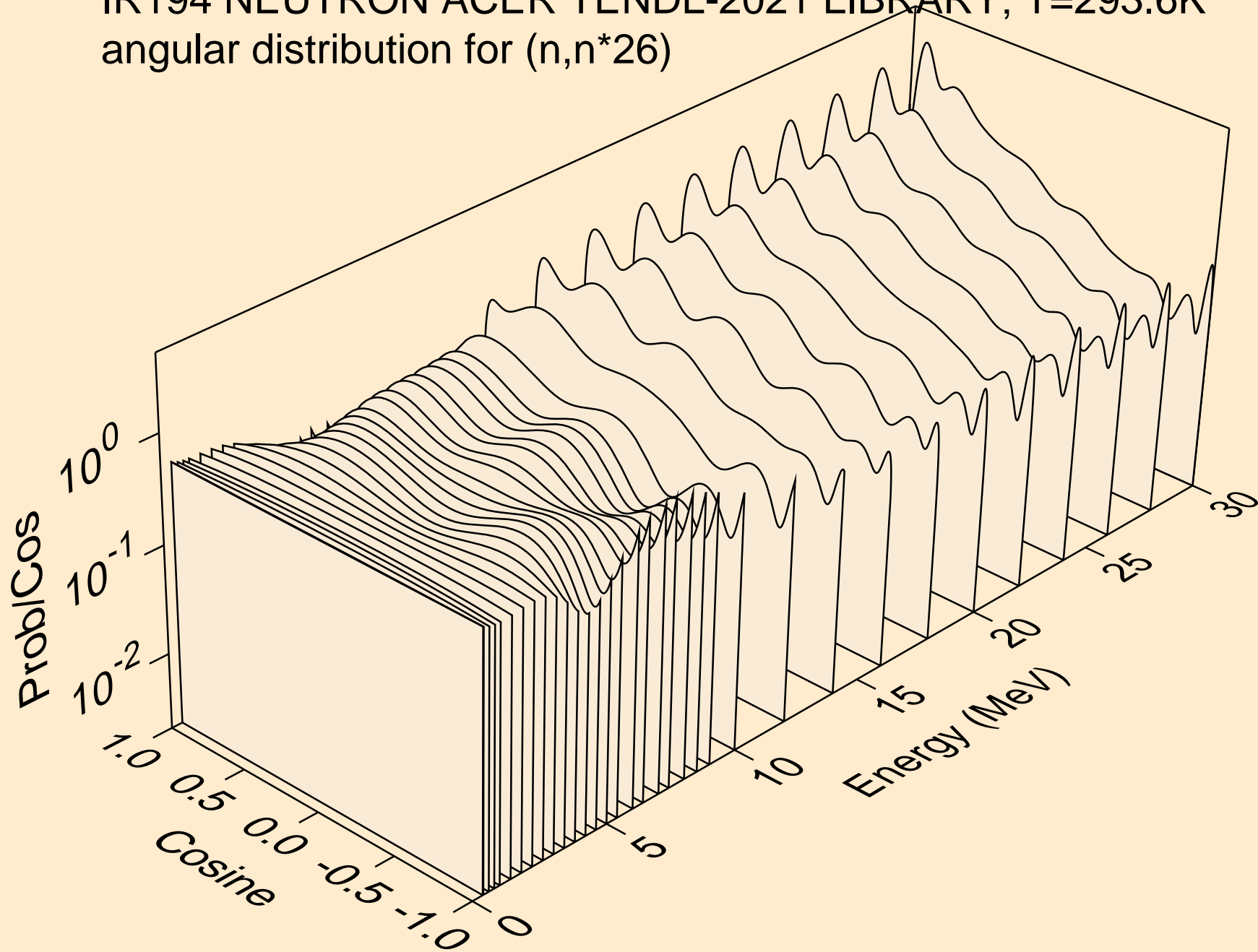
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angular distribution for (n,n\*24)



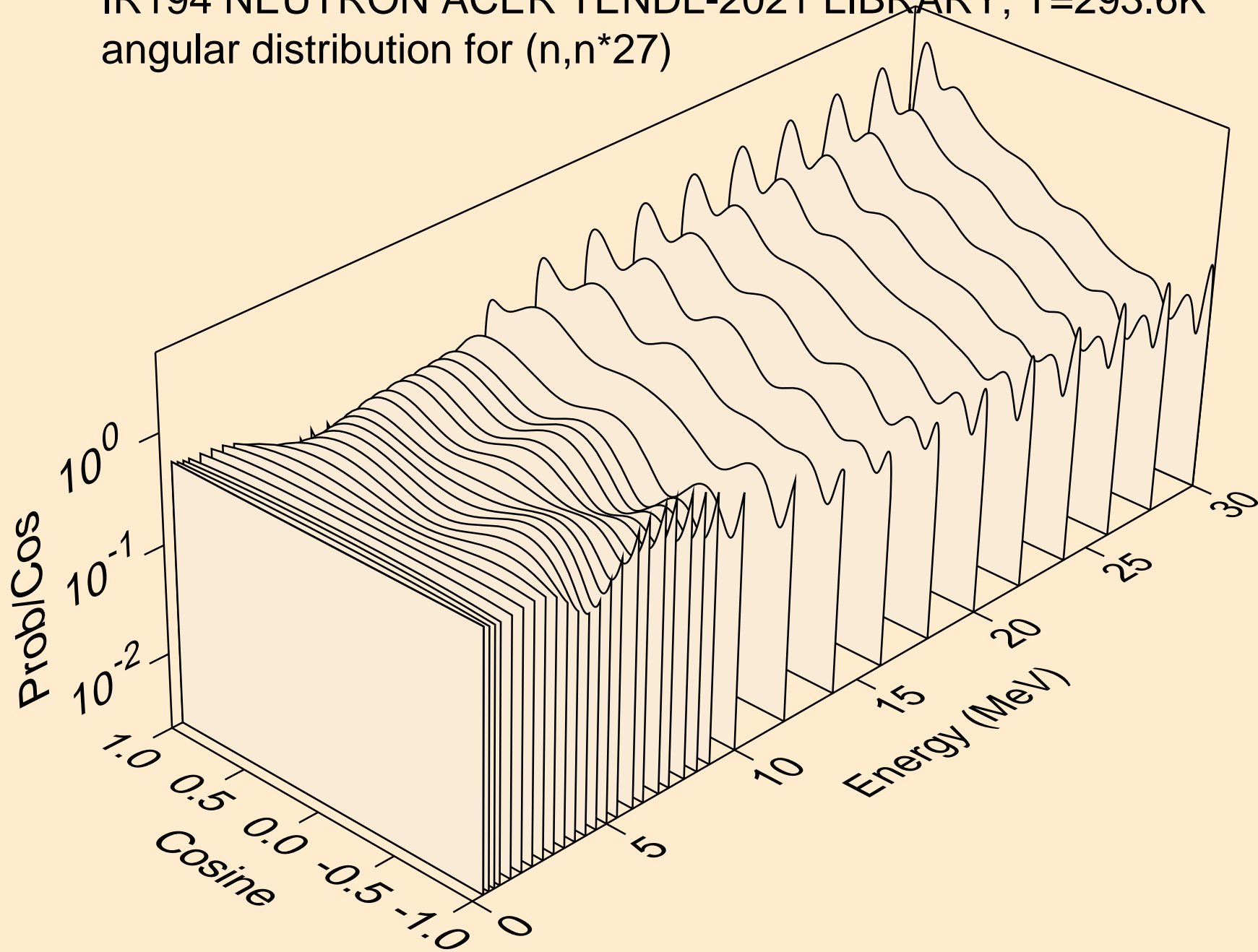
IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*25)



IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*26)

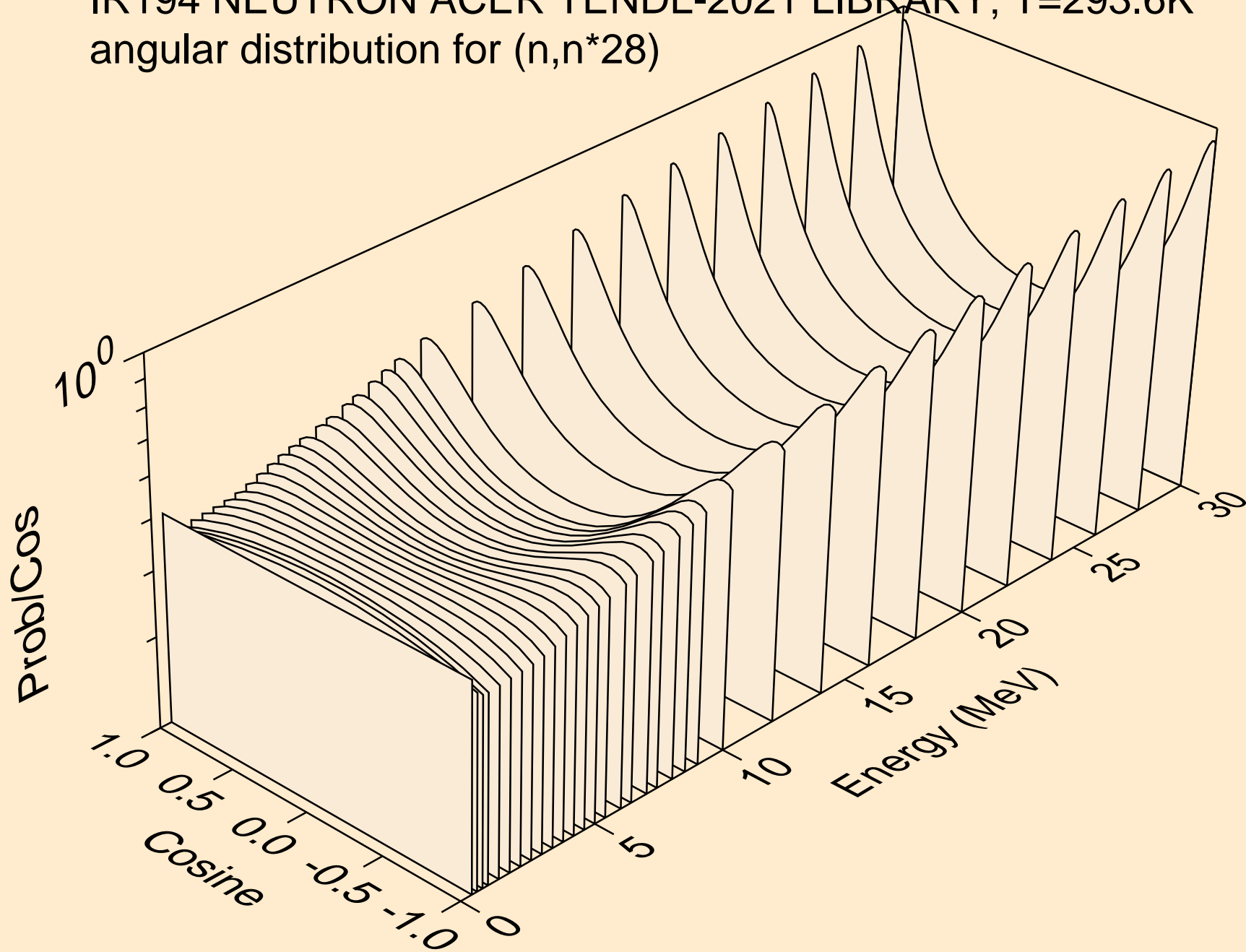


IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*27)

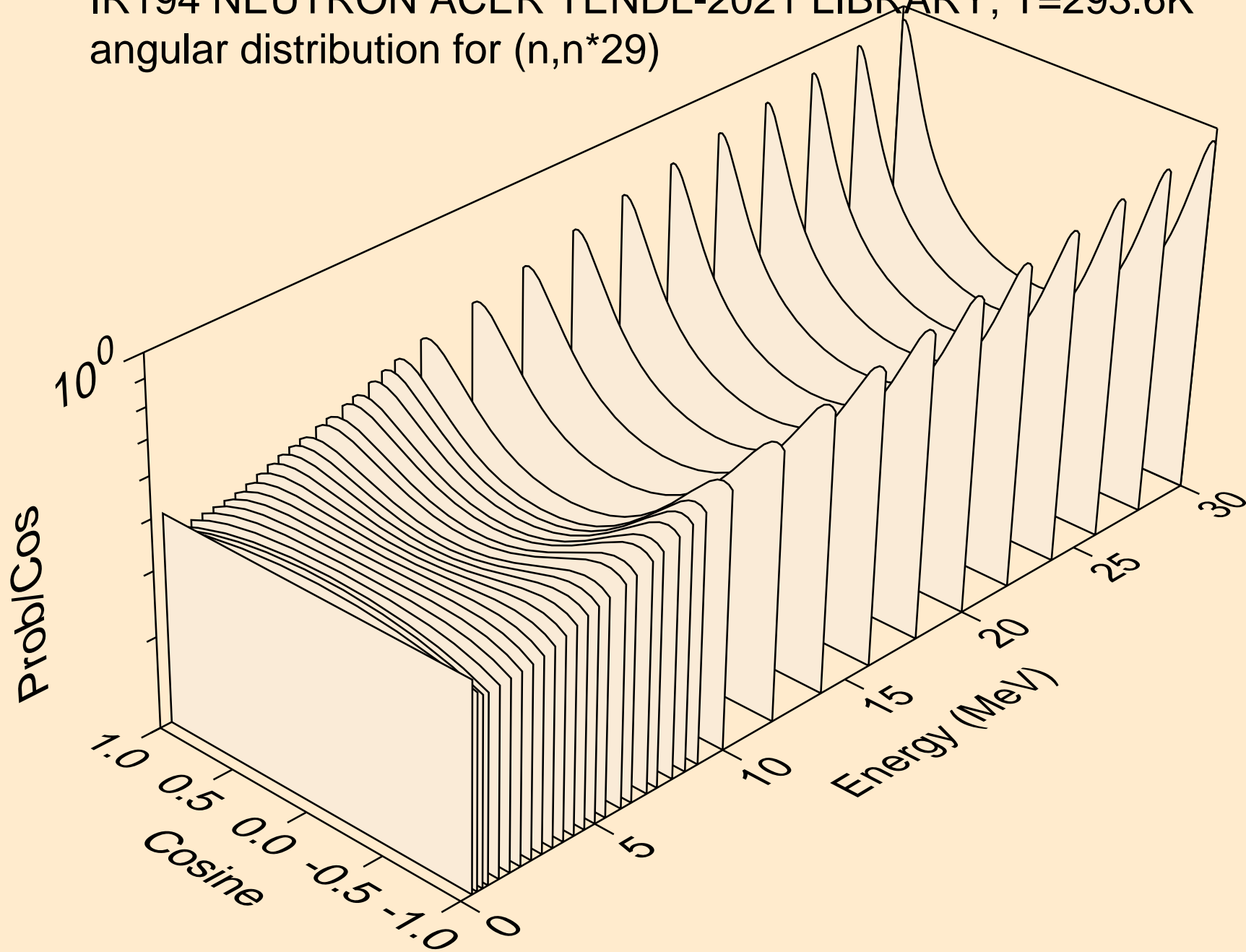




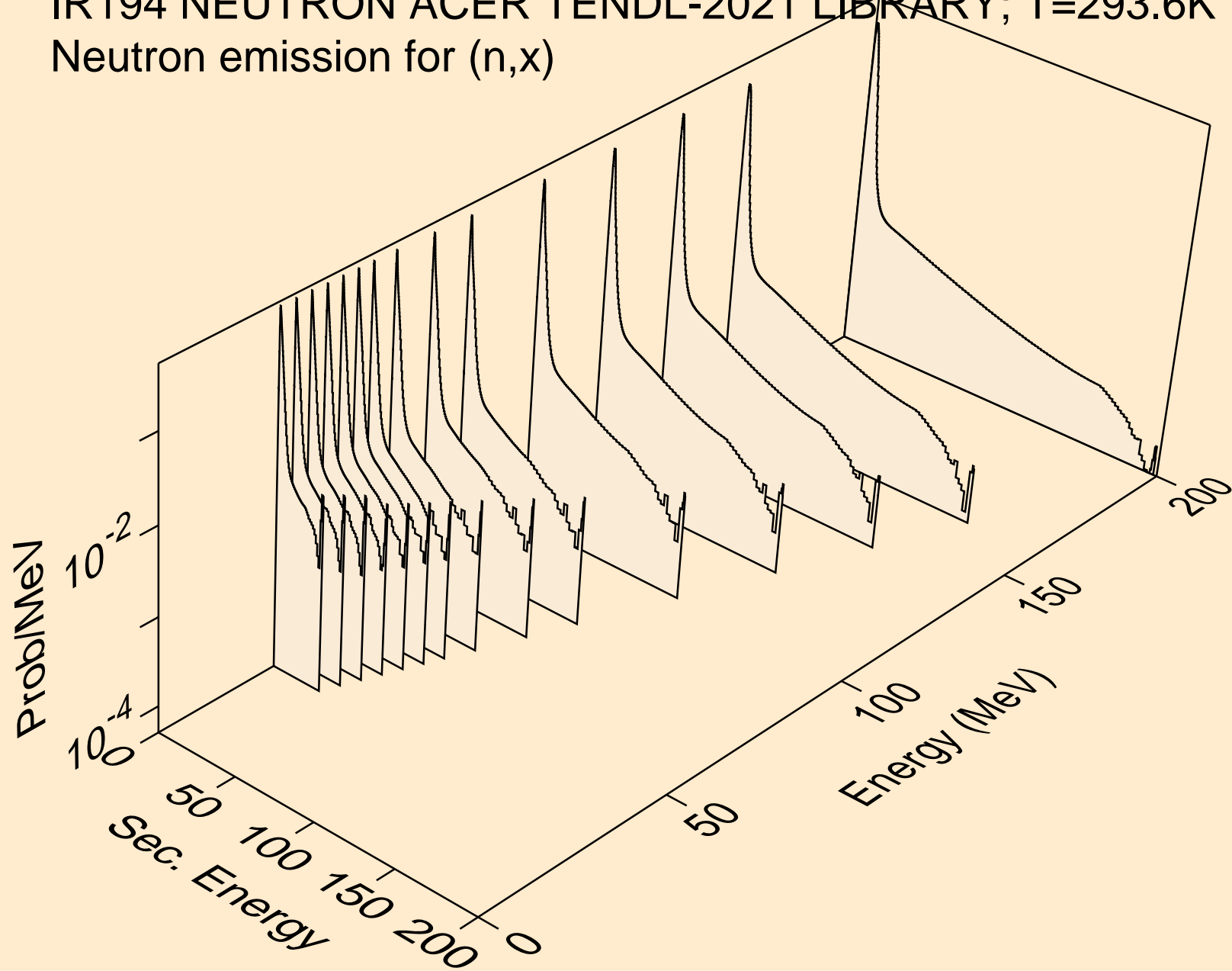
IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*28)



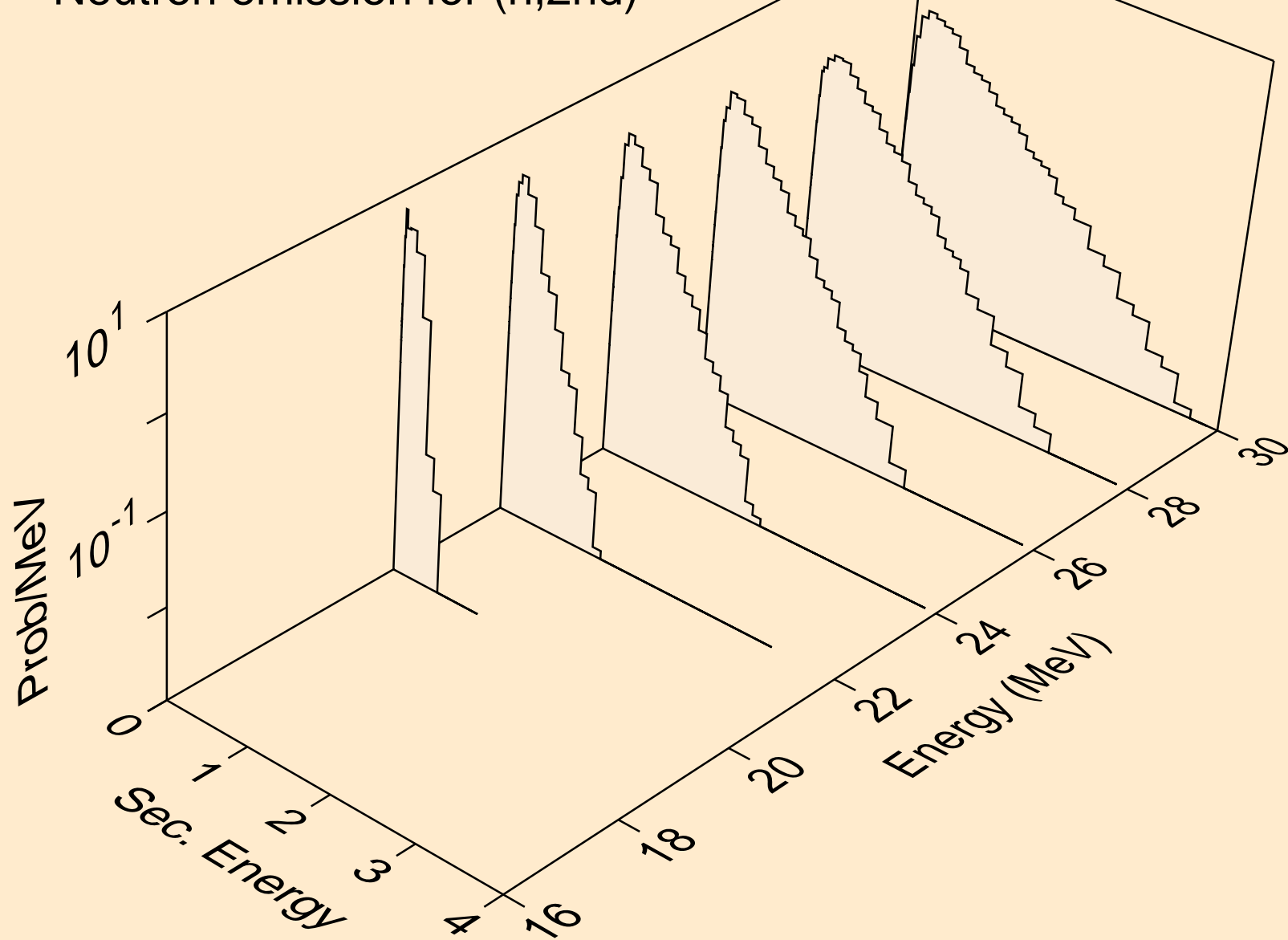
IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*29)



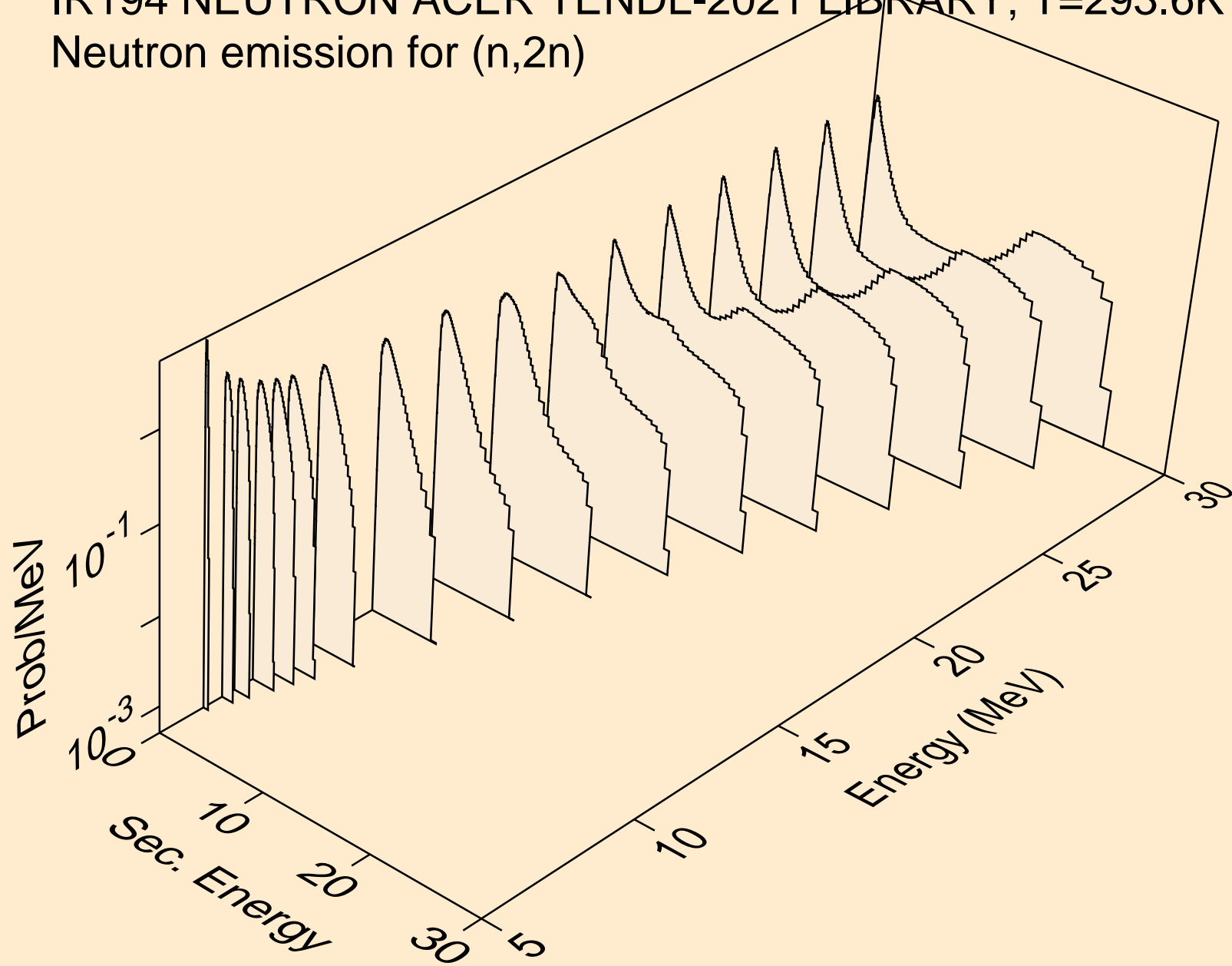
IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)



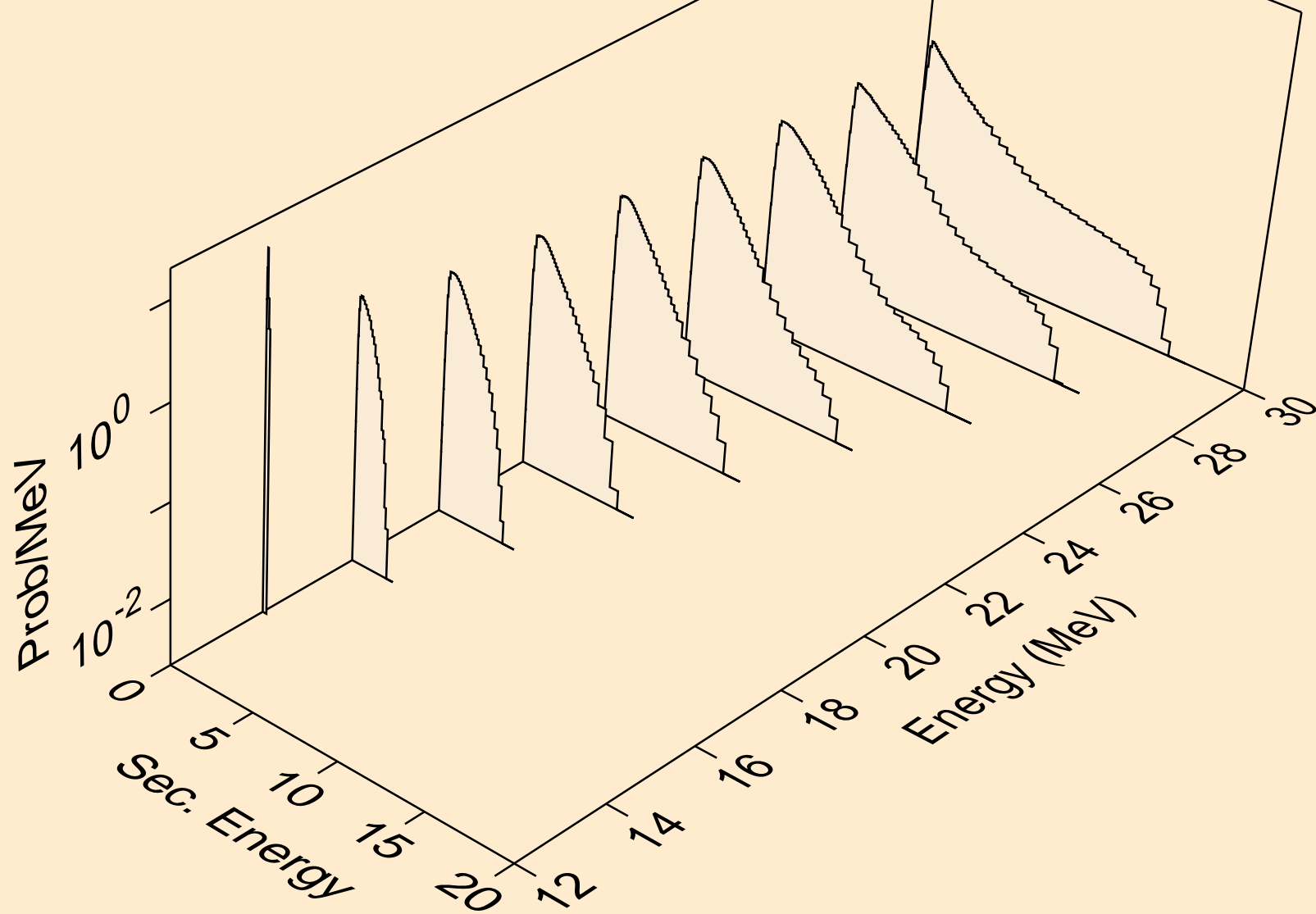
IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



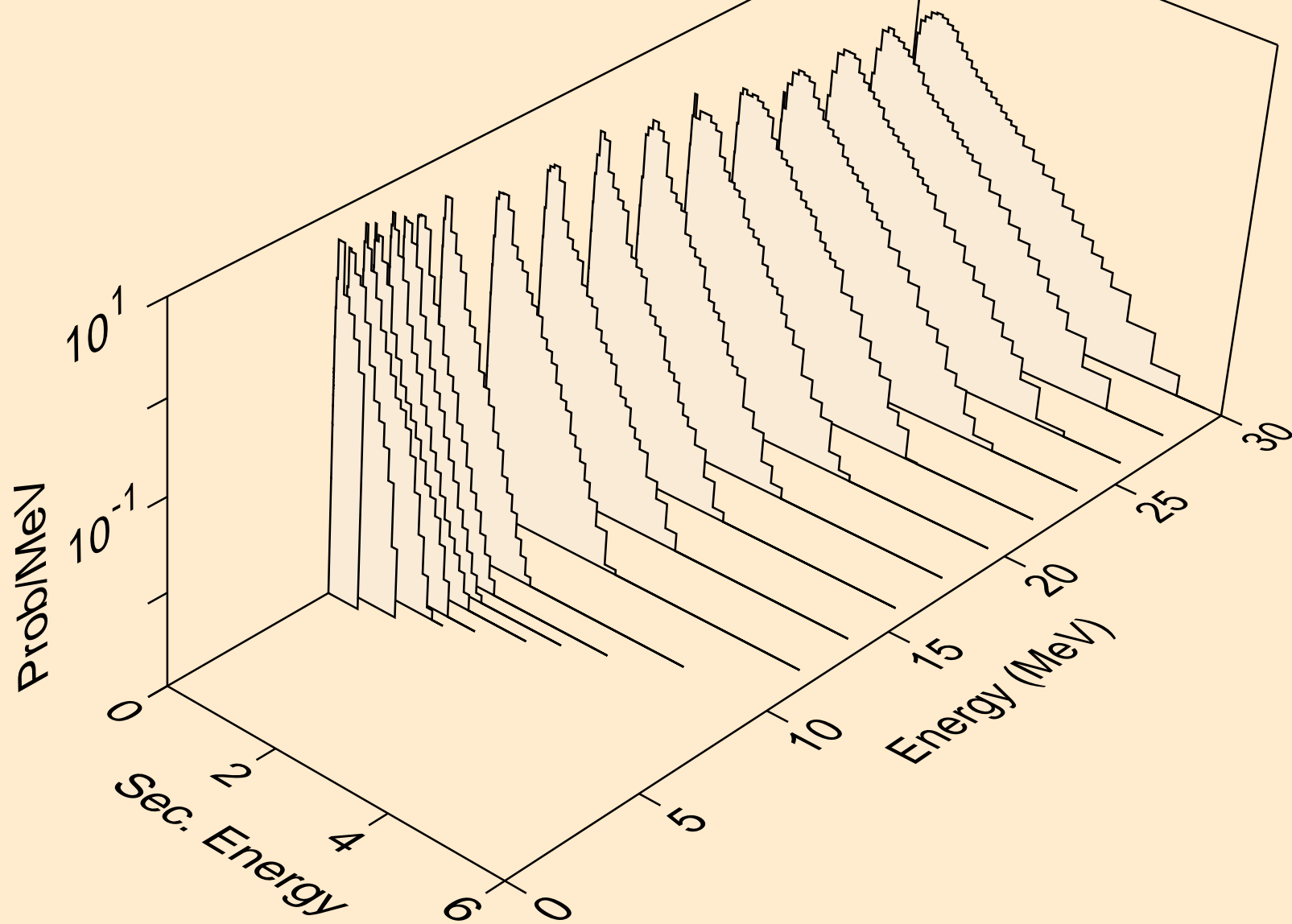
IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



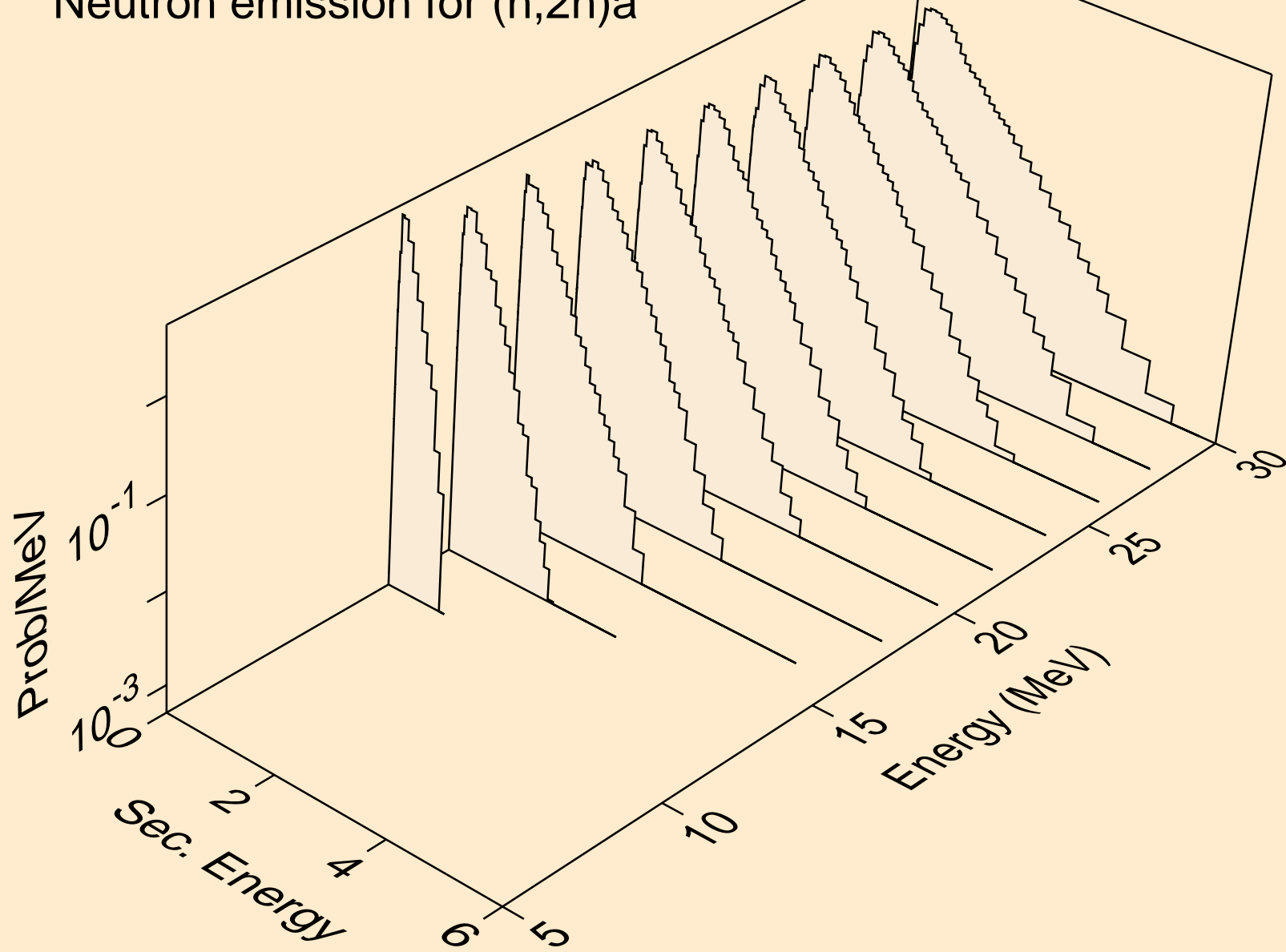
IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a

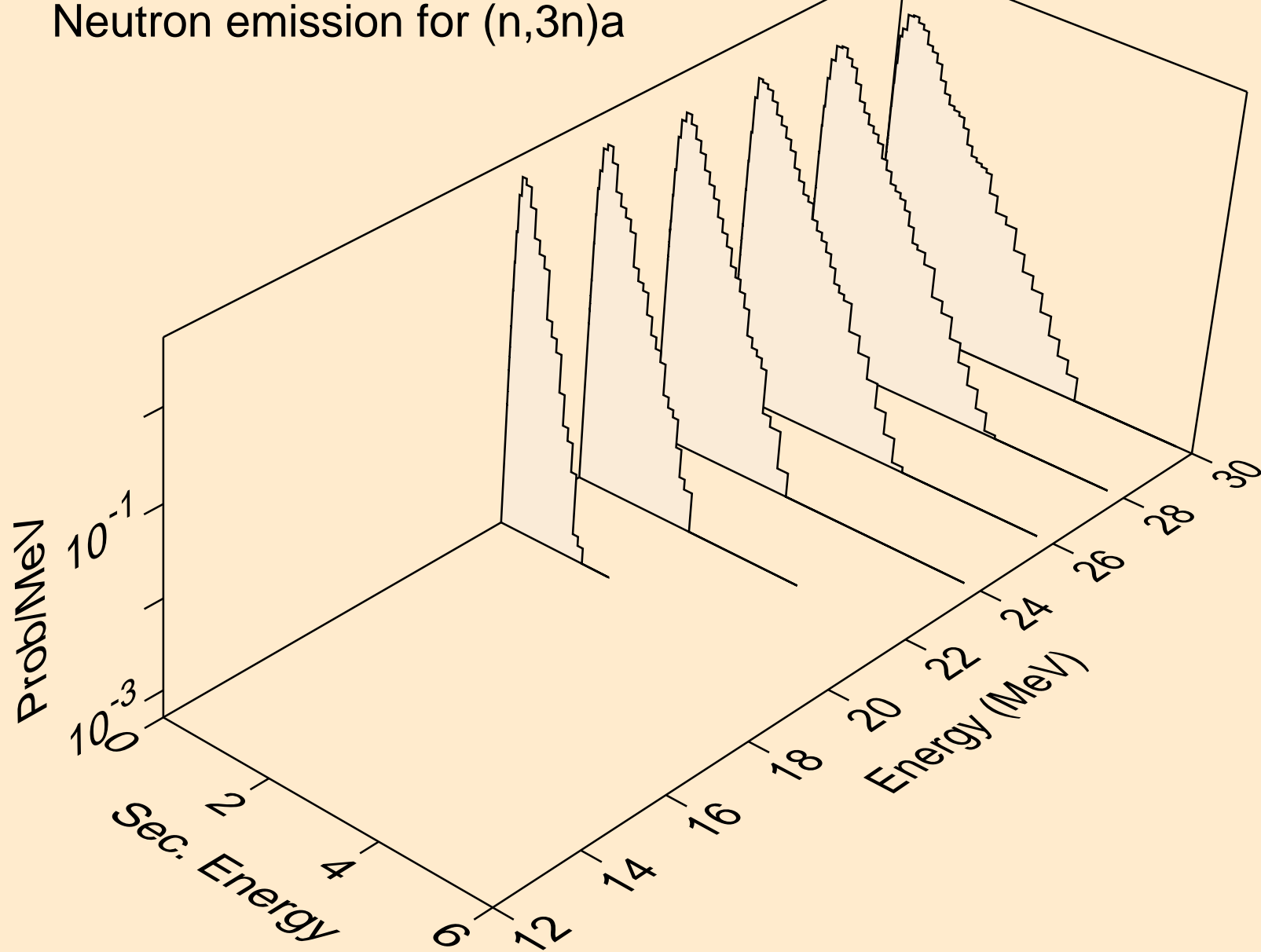


IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)a

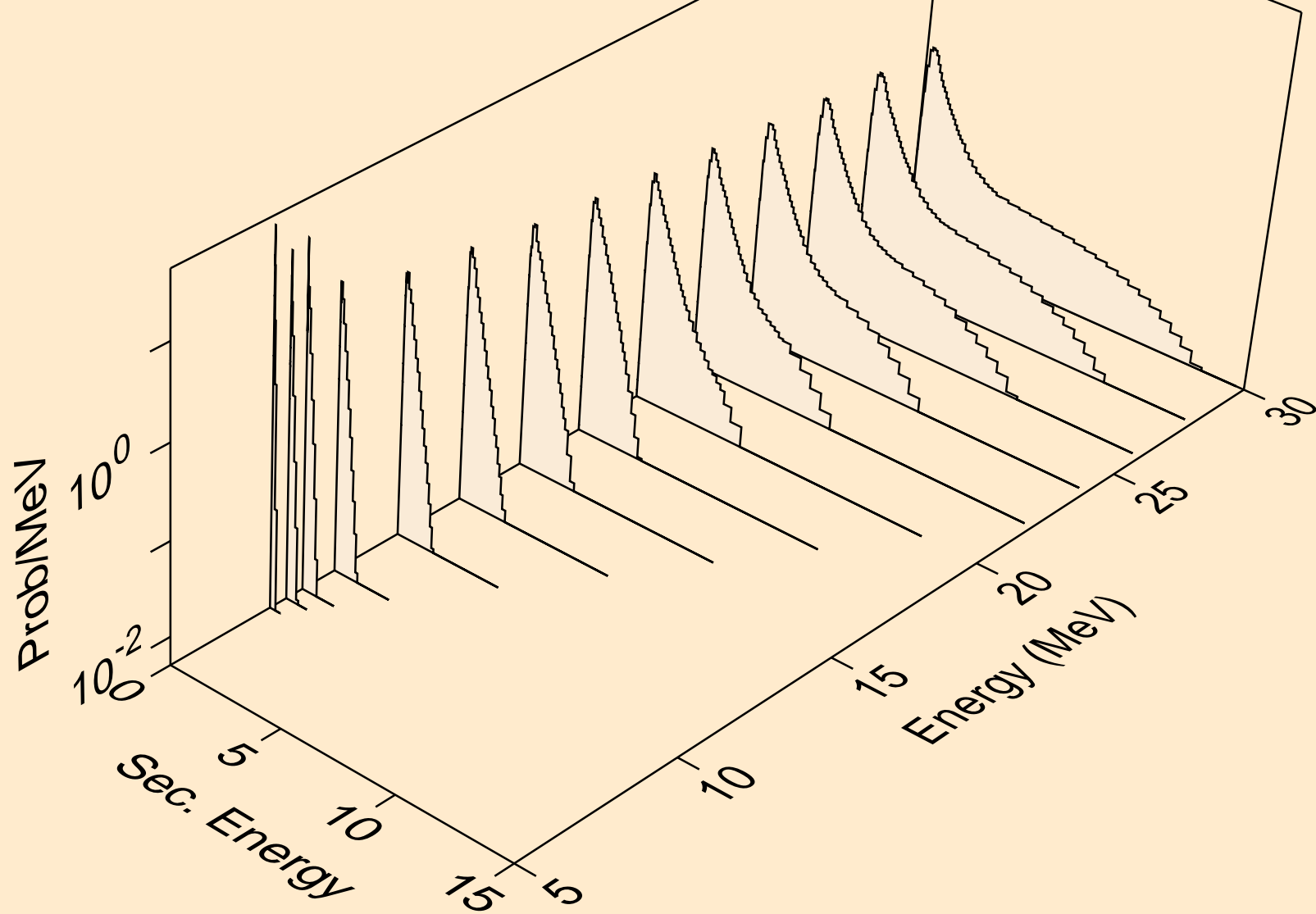




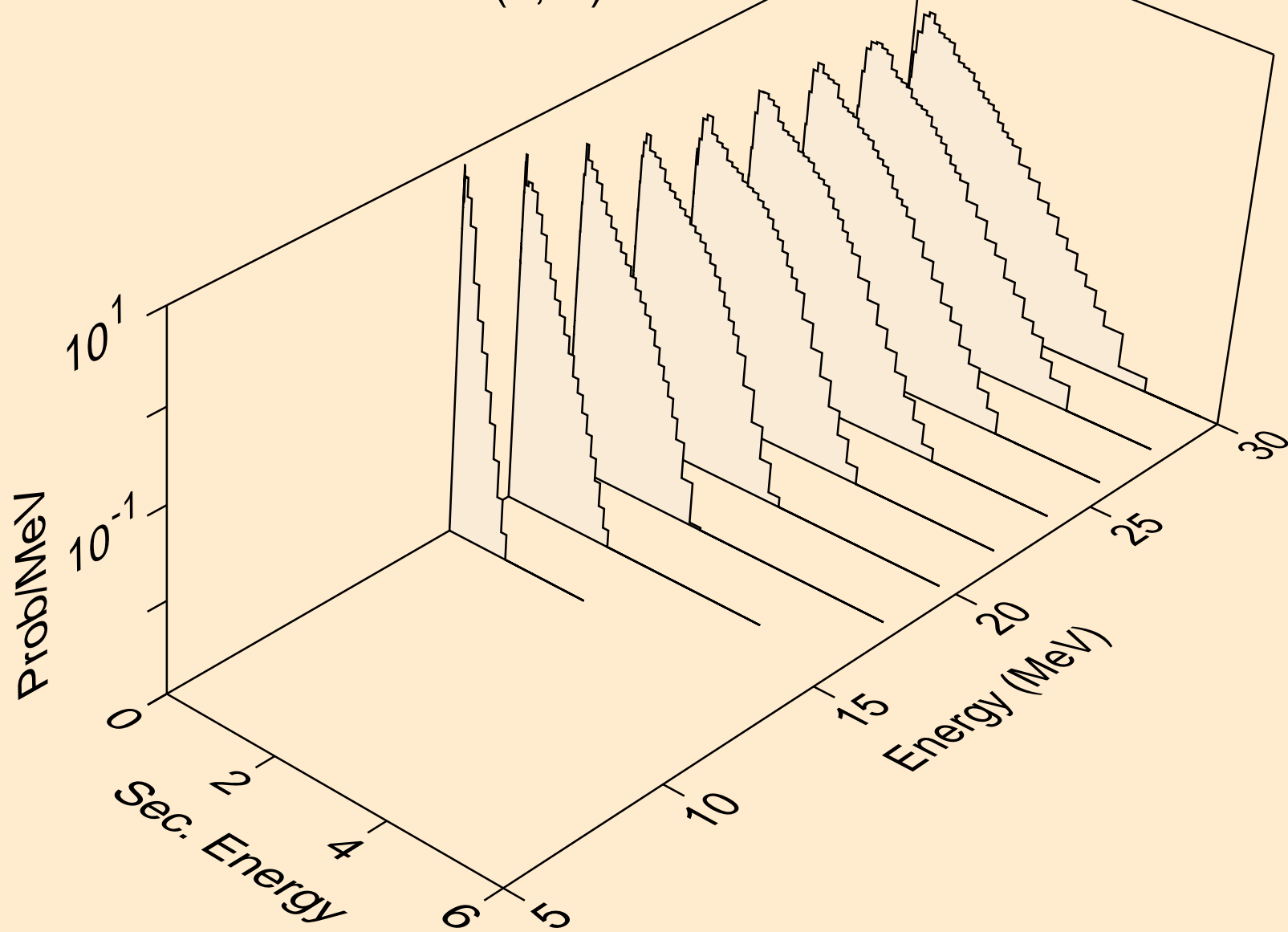
IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)a



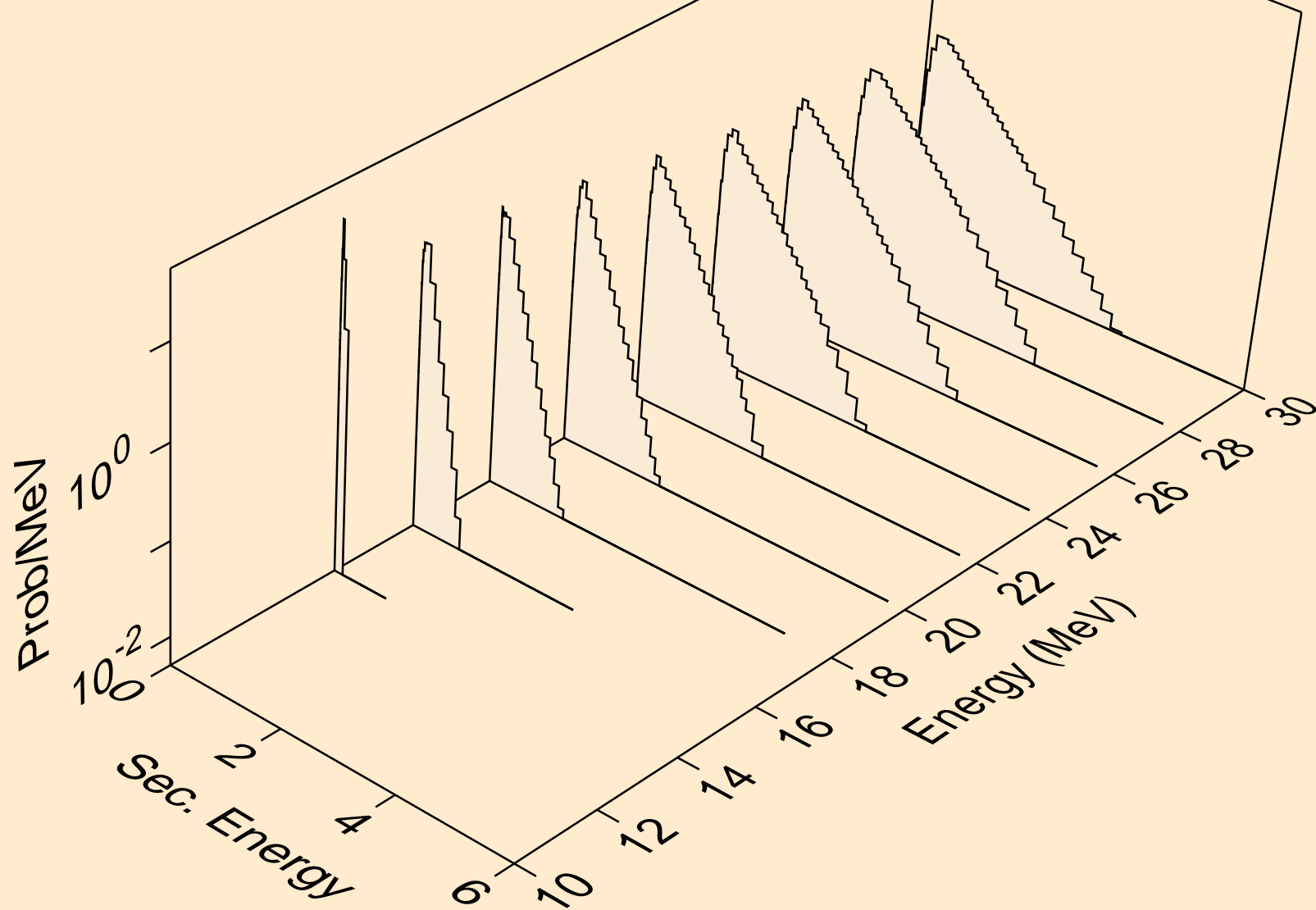
IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



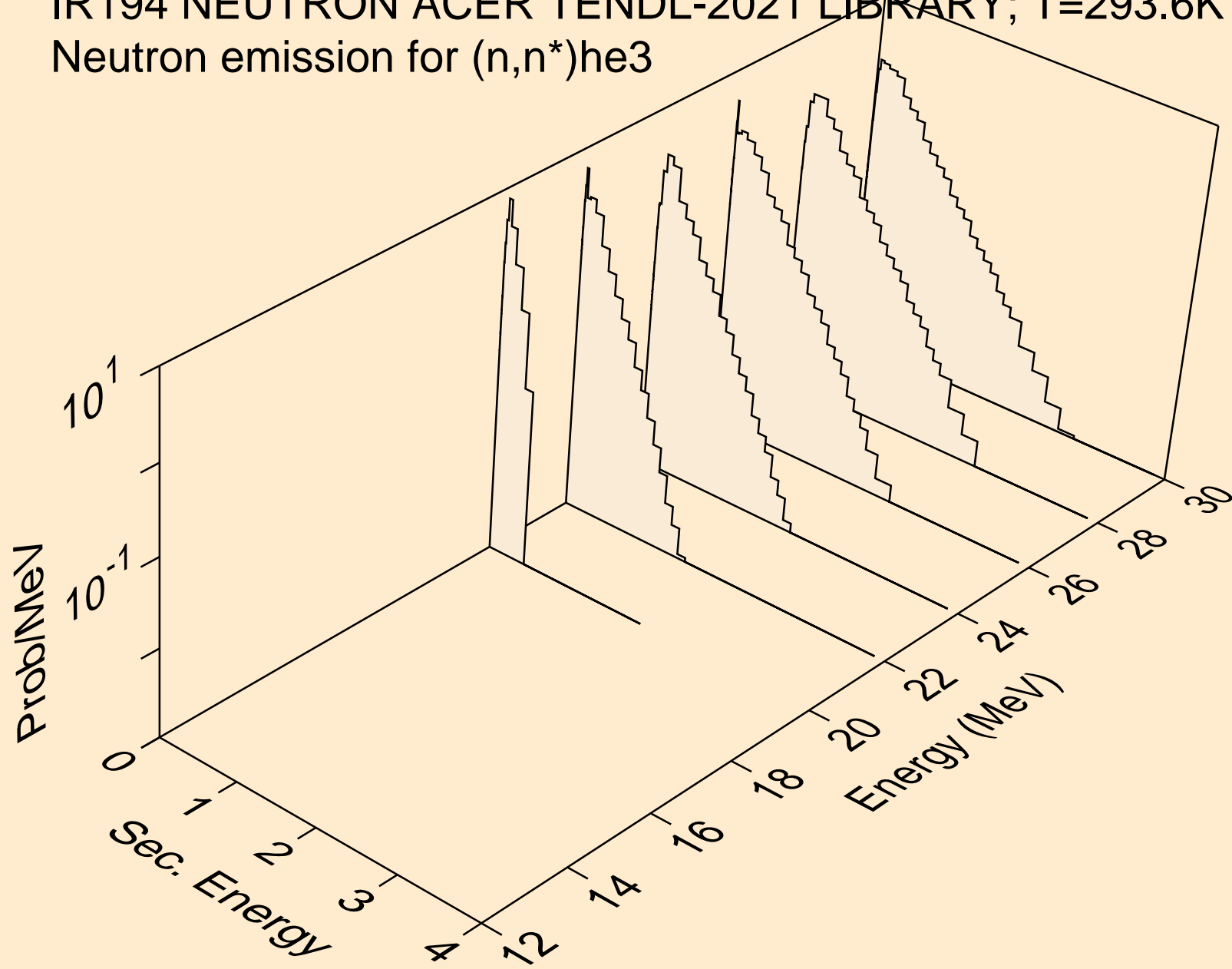
IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



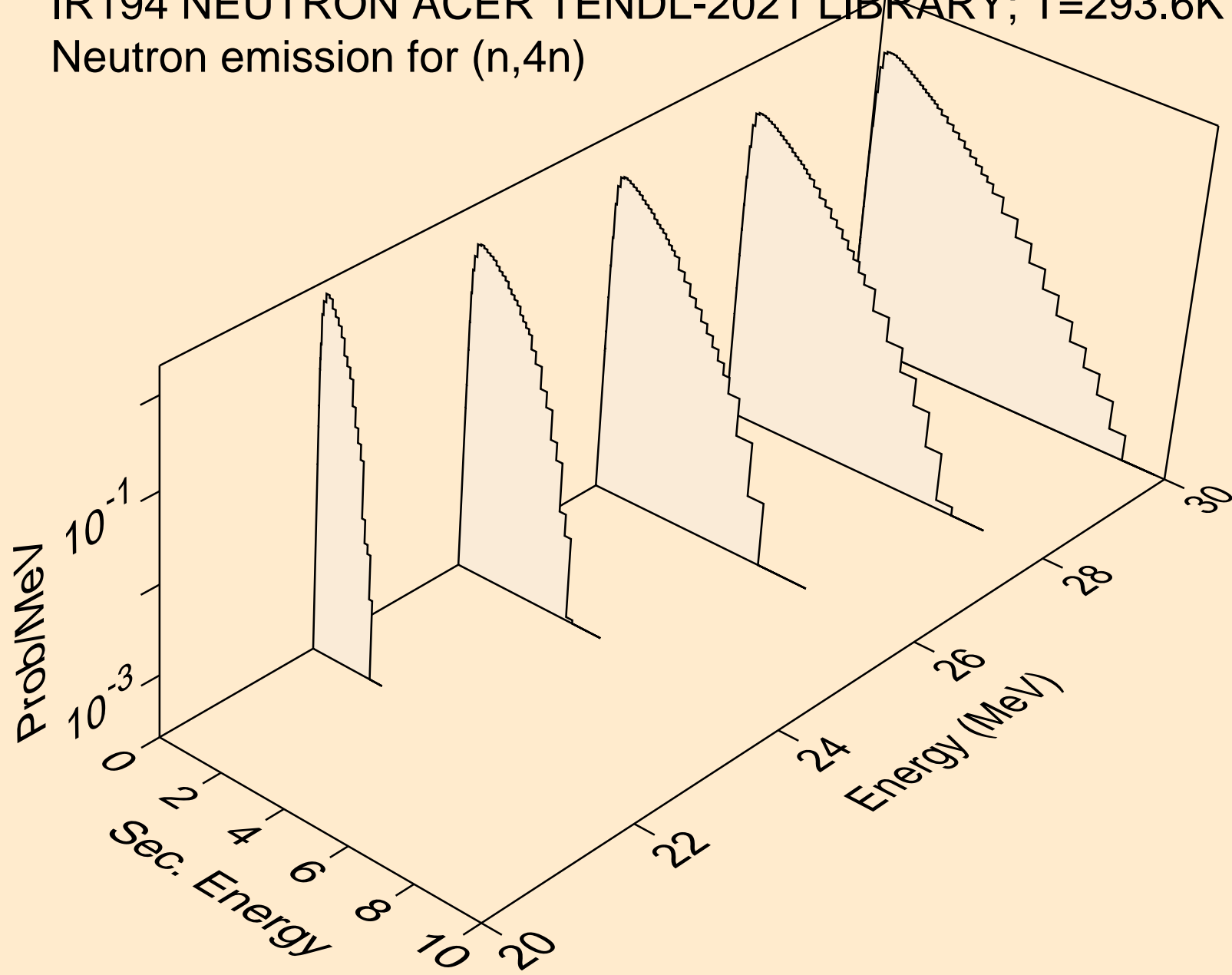
IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



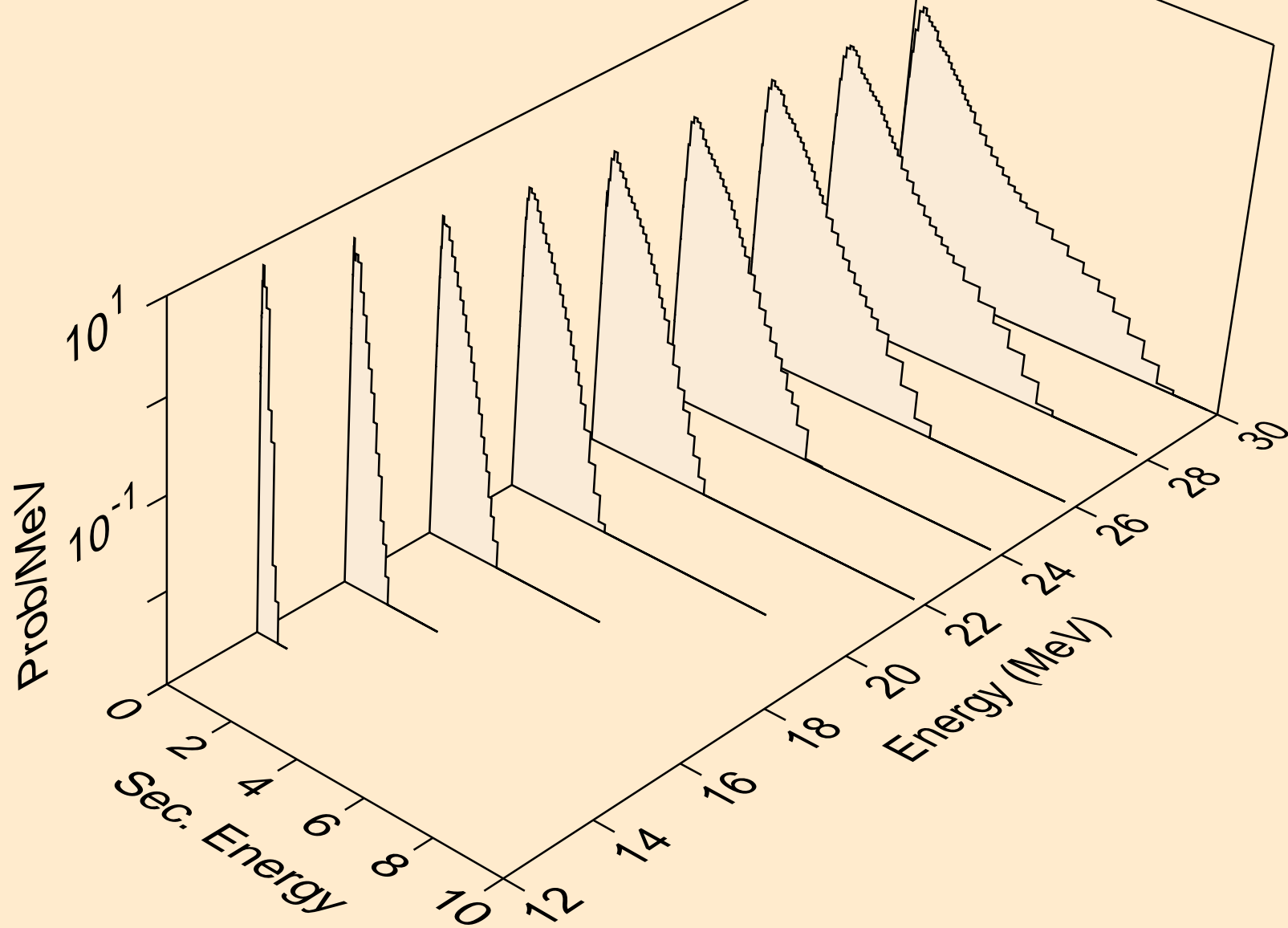
IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



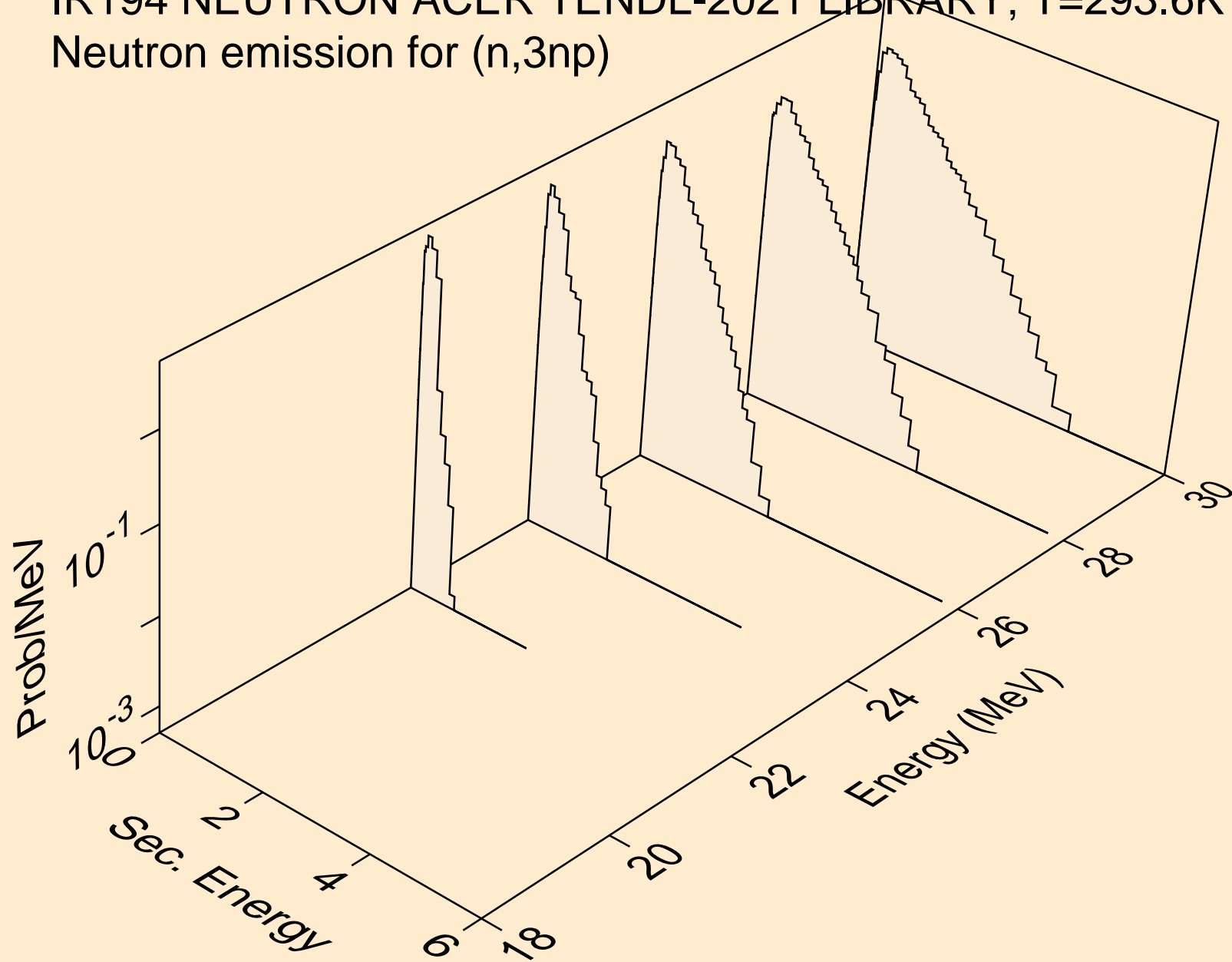
IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,4n)



IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)

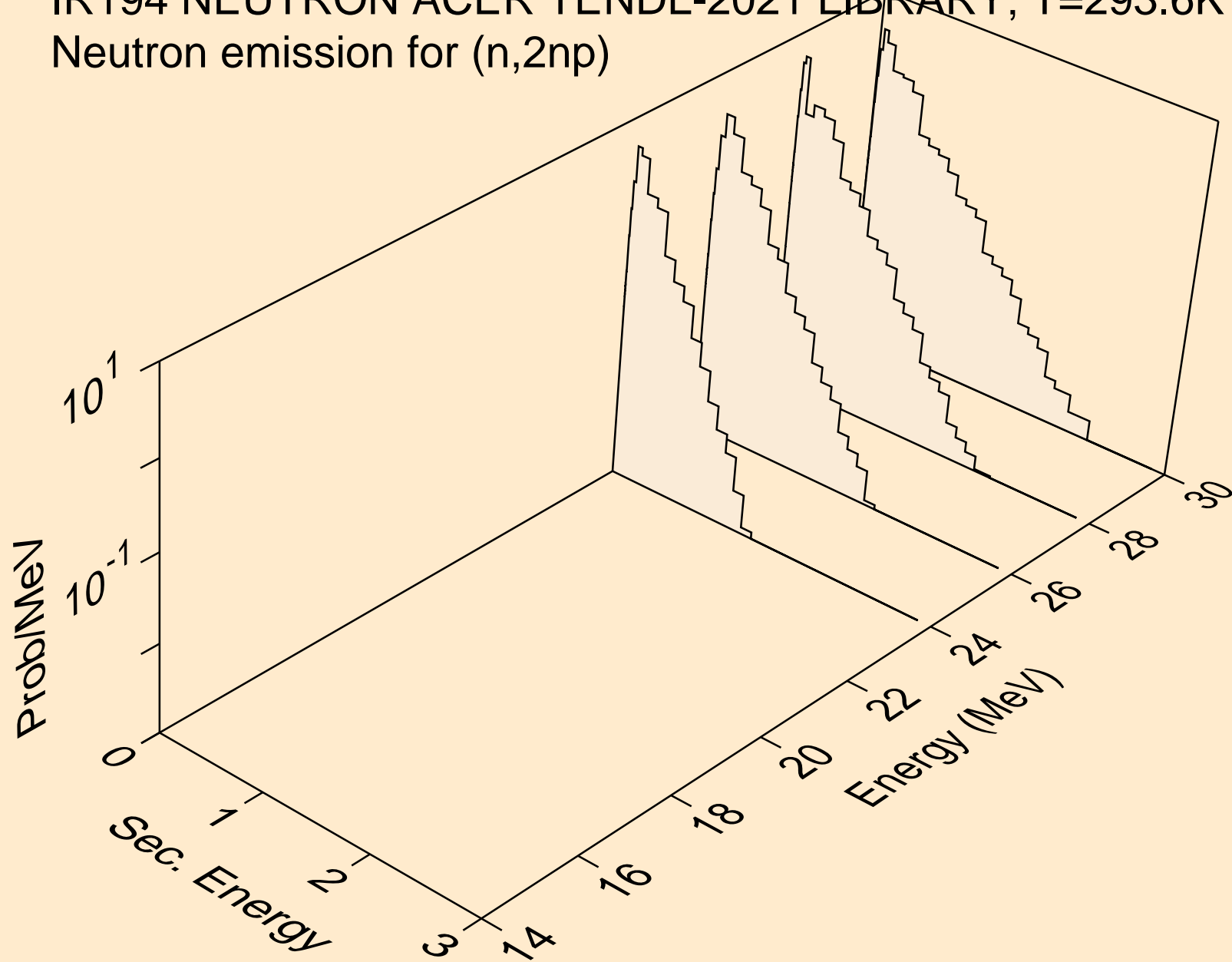


IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3np)

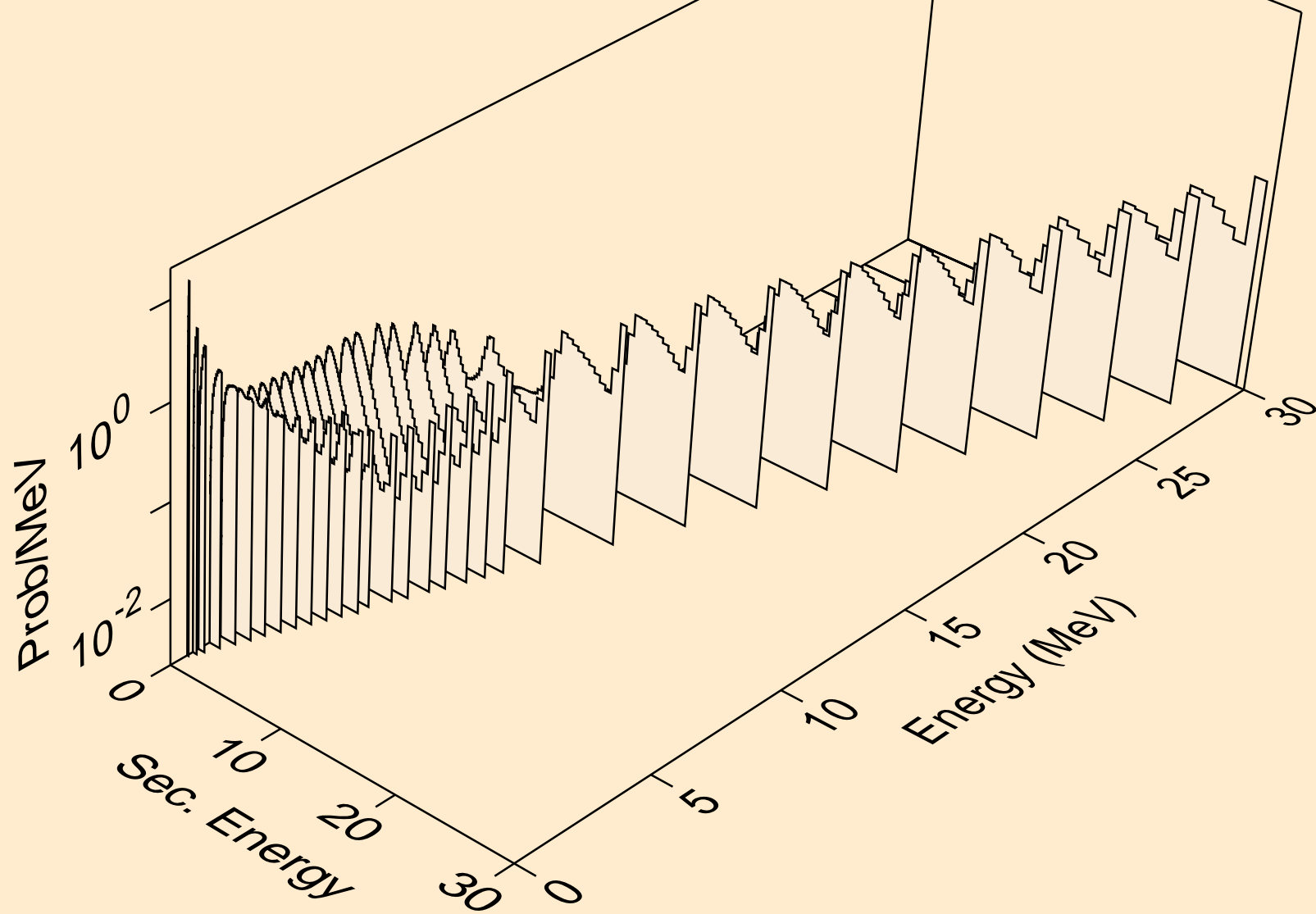




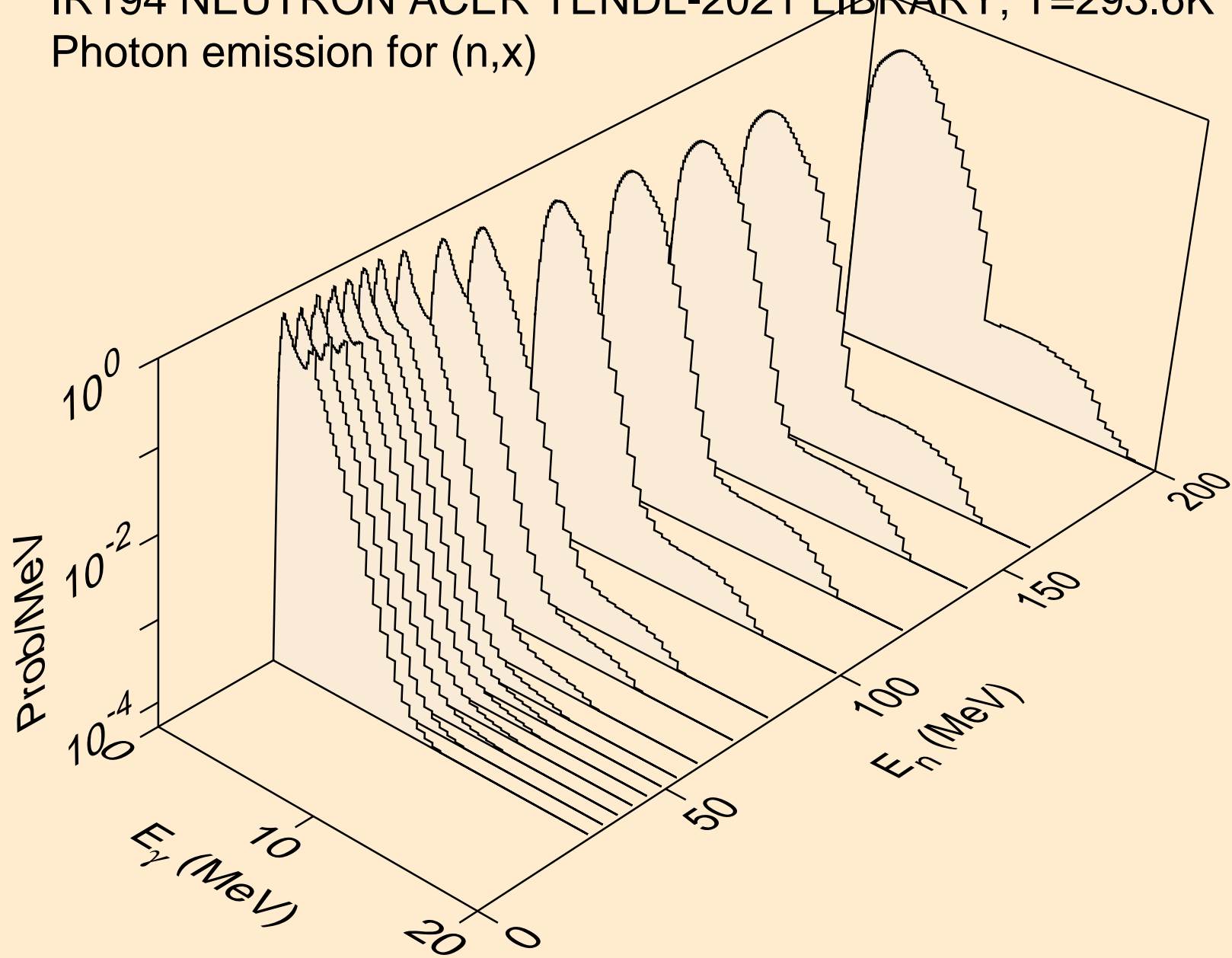
IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



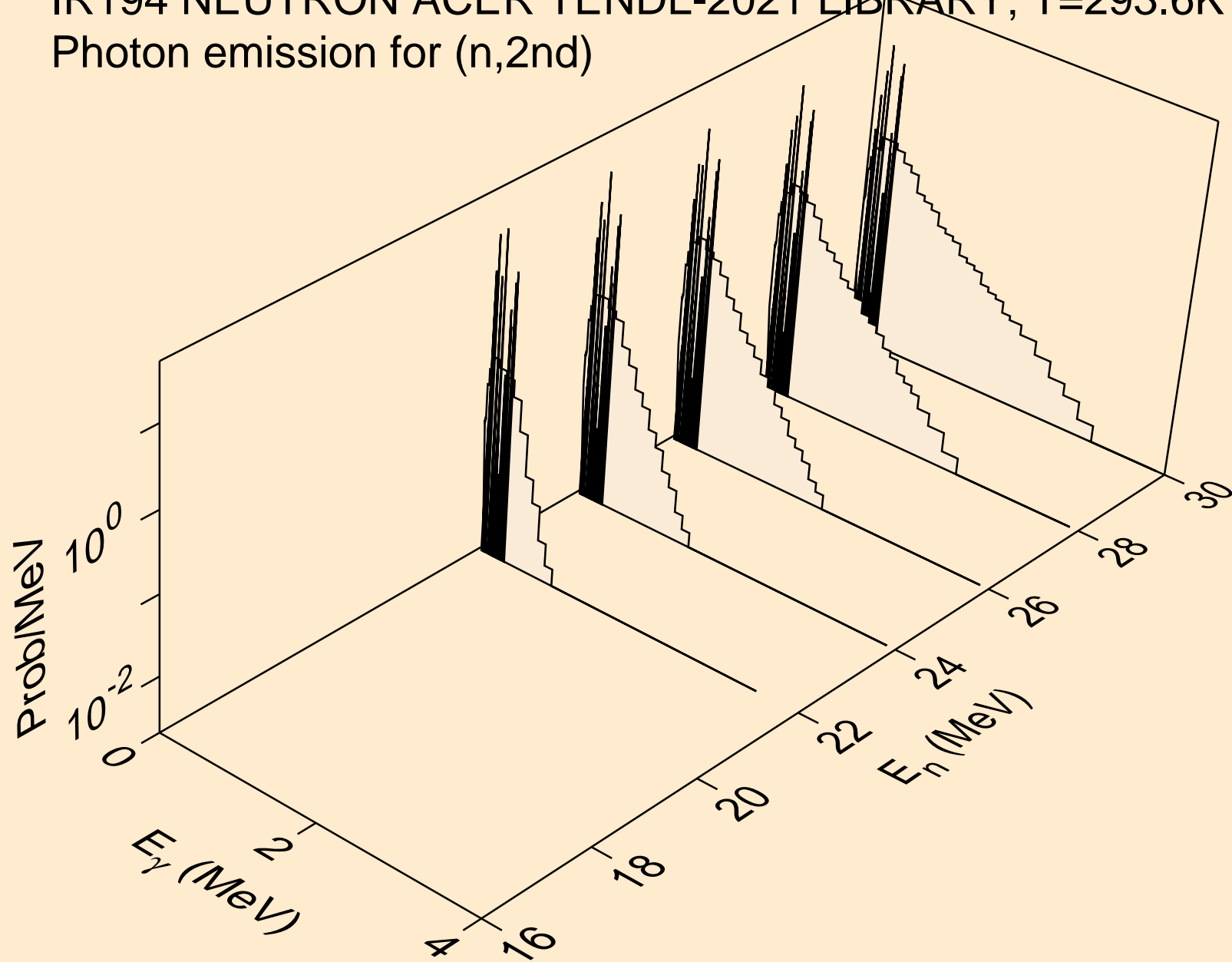
IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



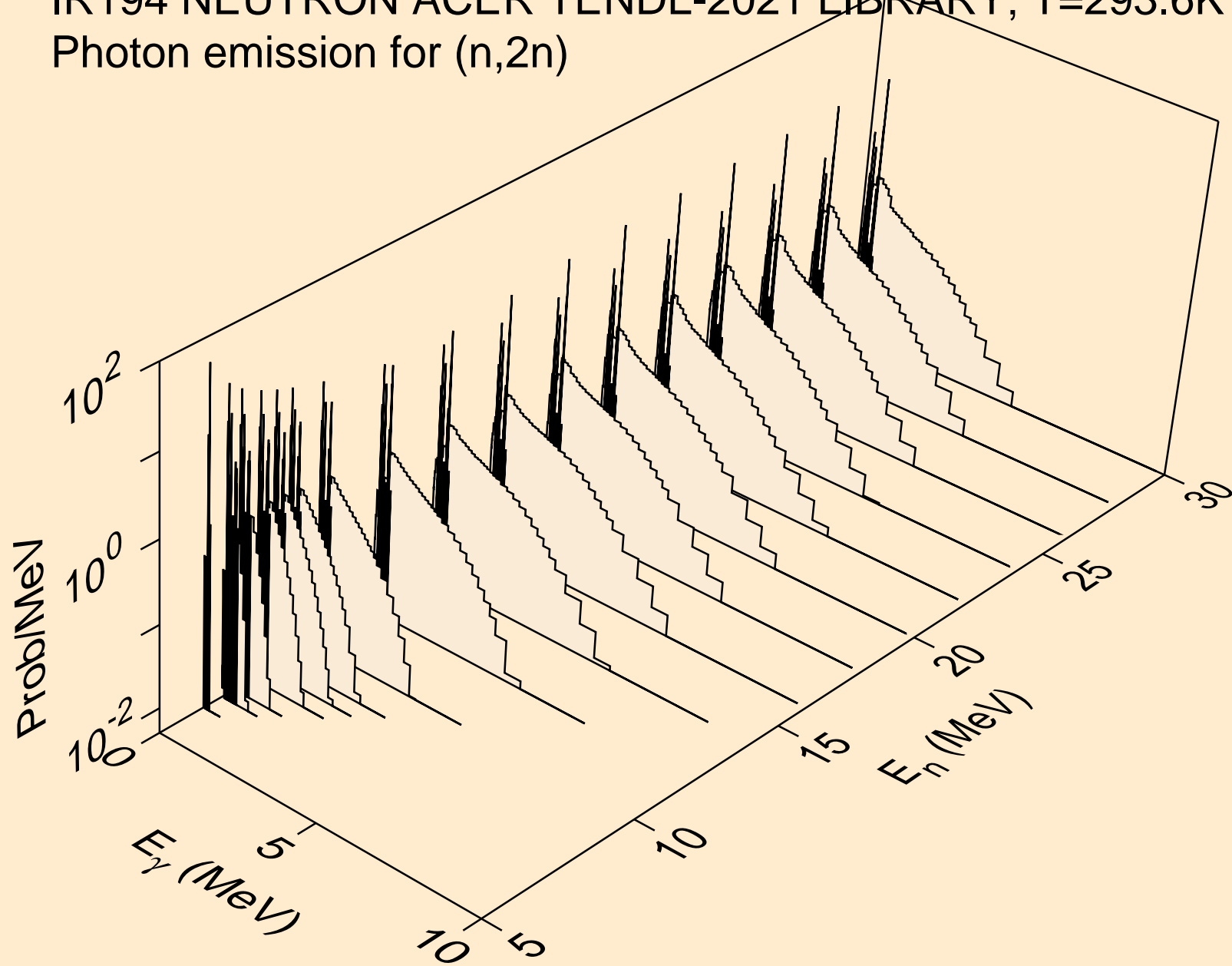
IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)



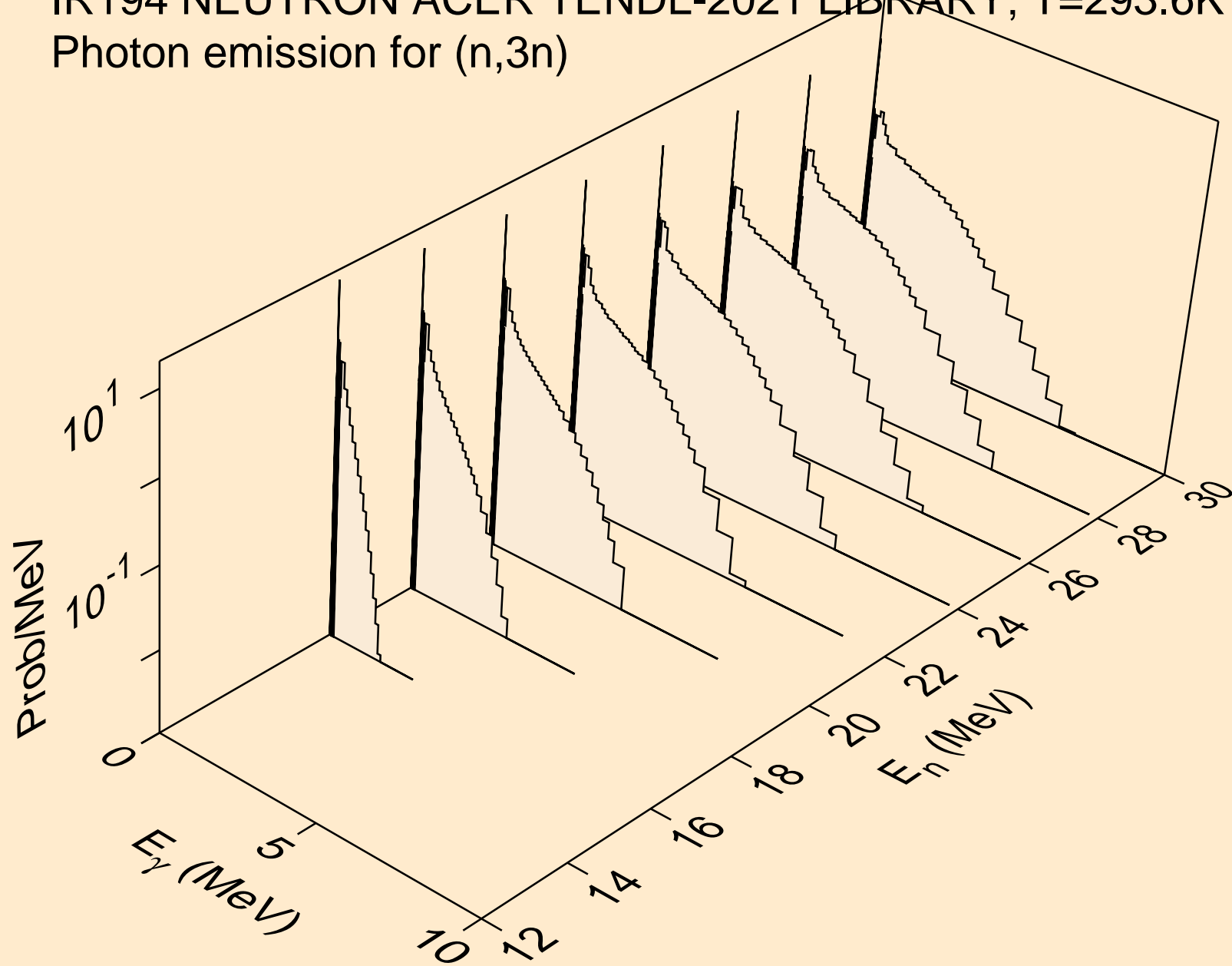
IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2nd)



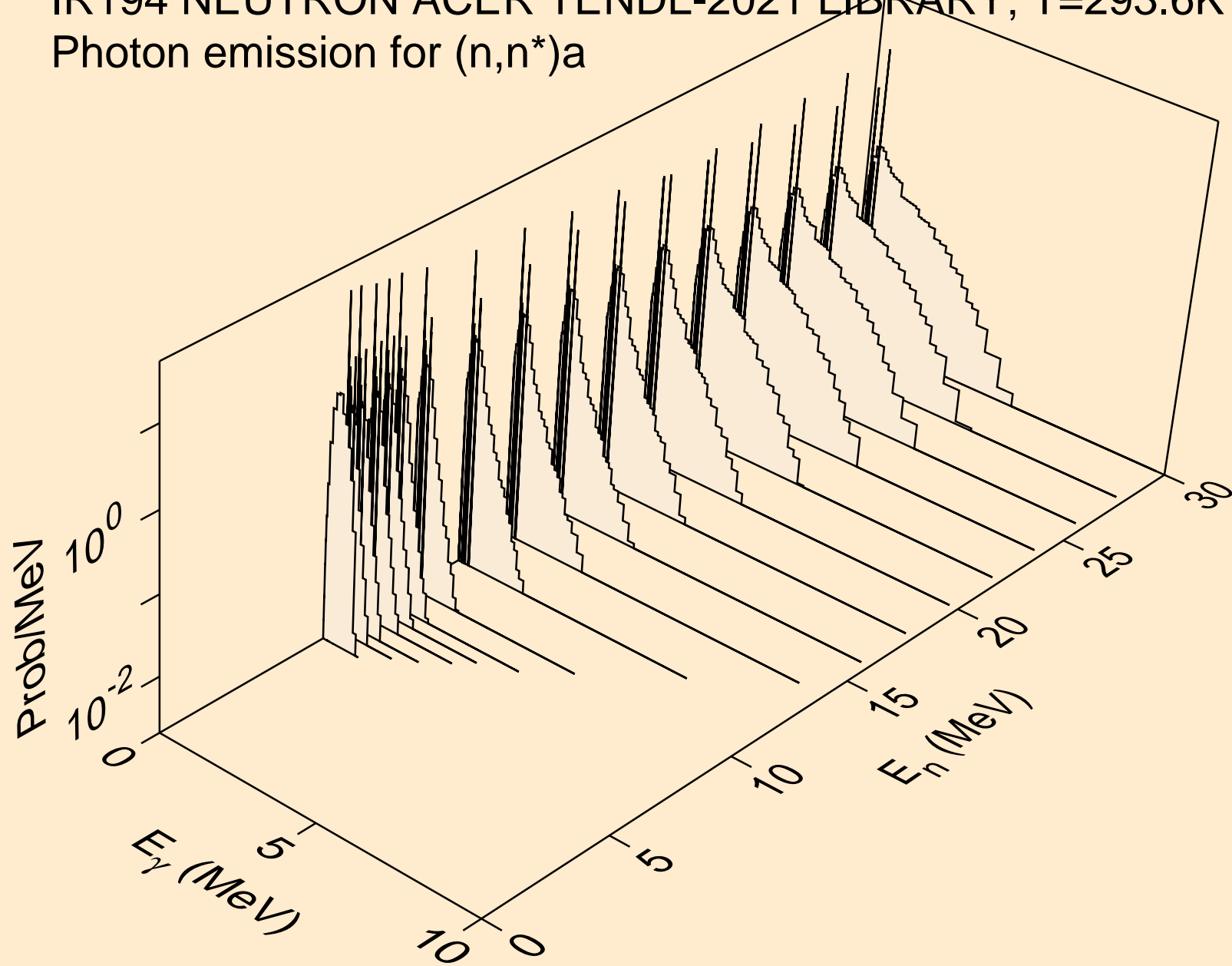
IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)



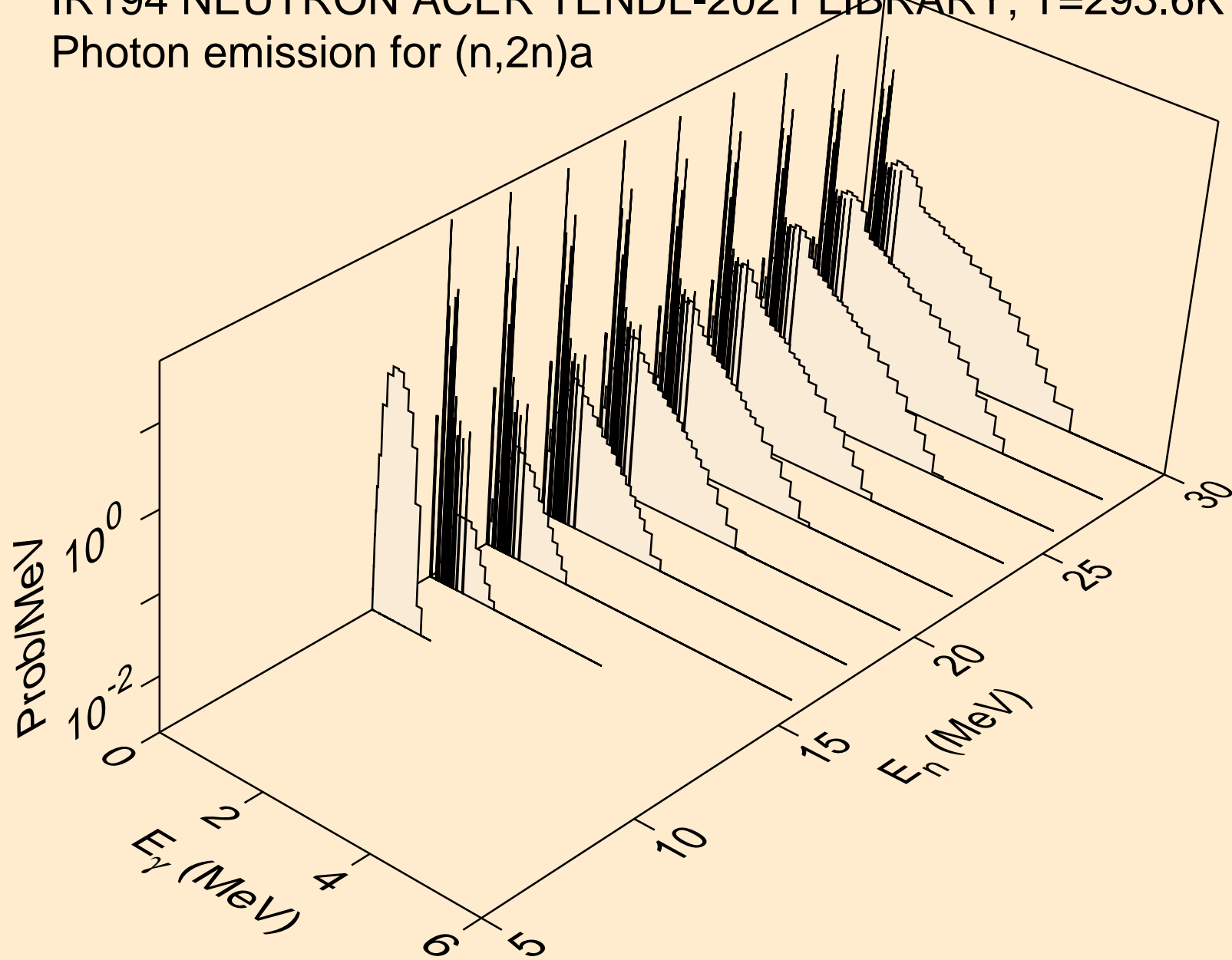
IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)



IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a

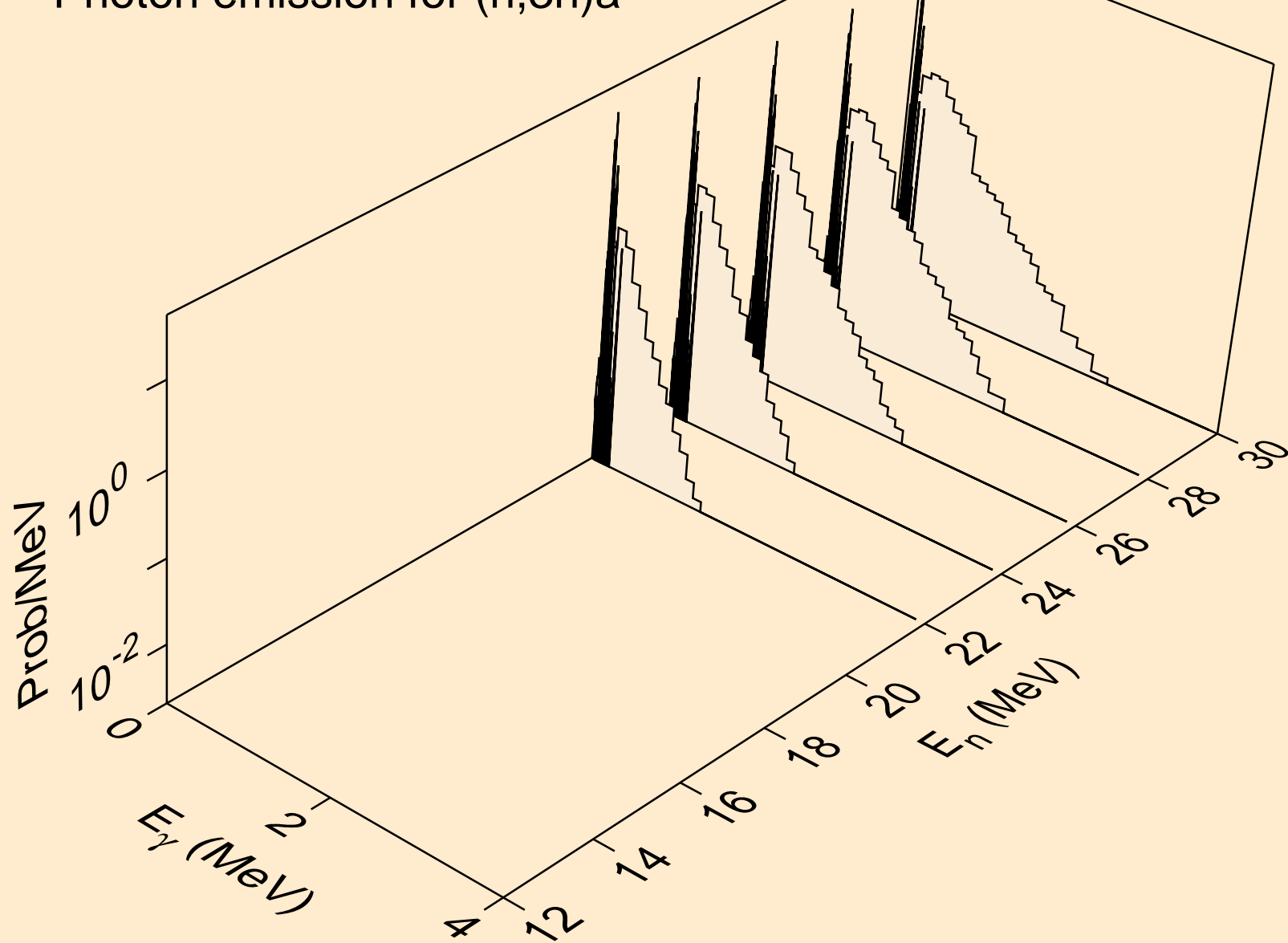


IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)a

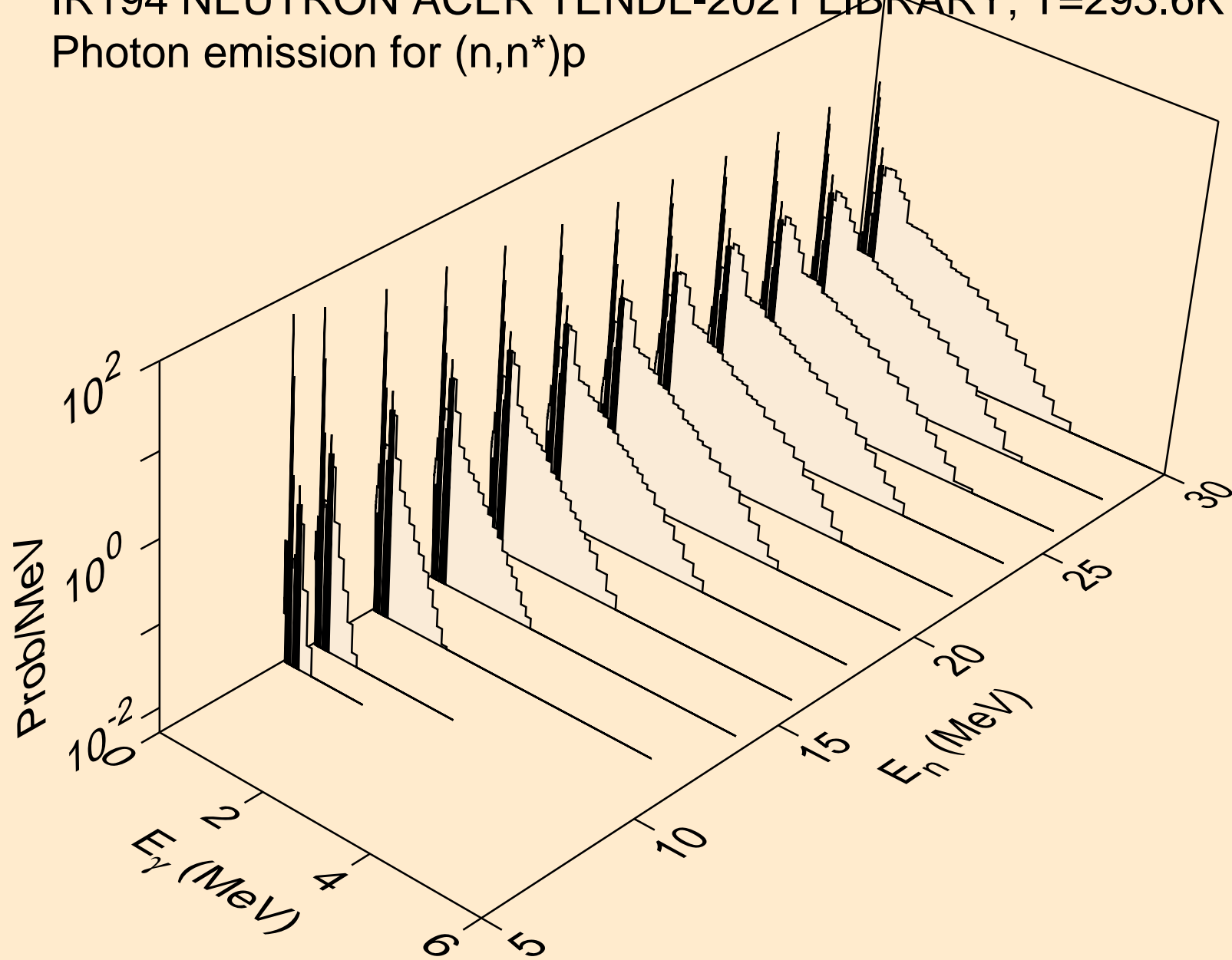




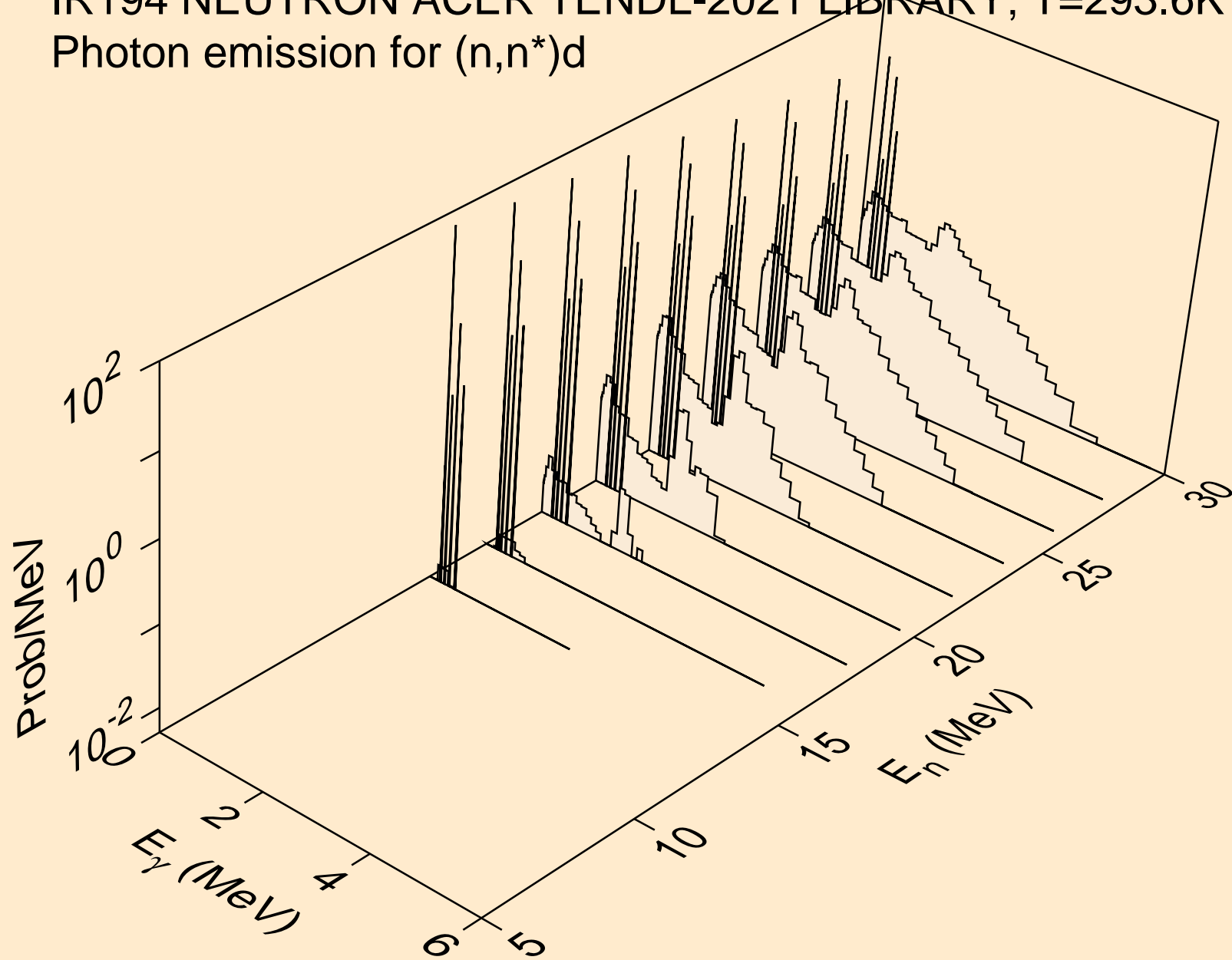
IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)a



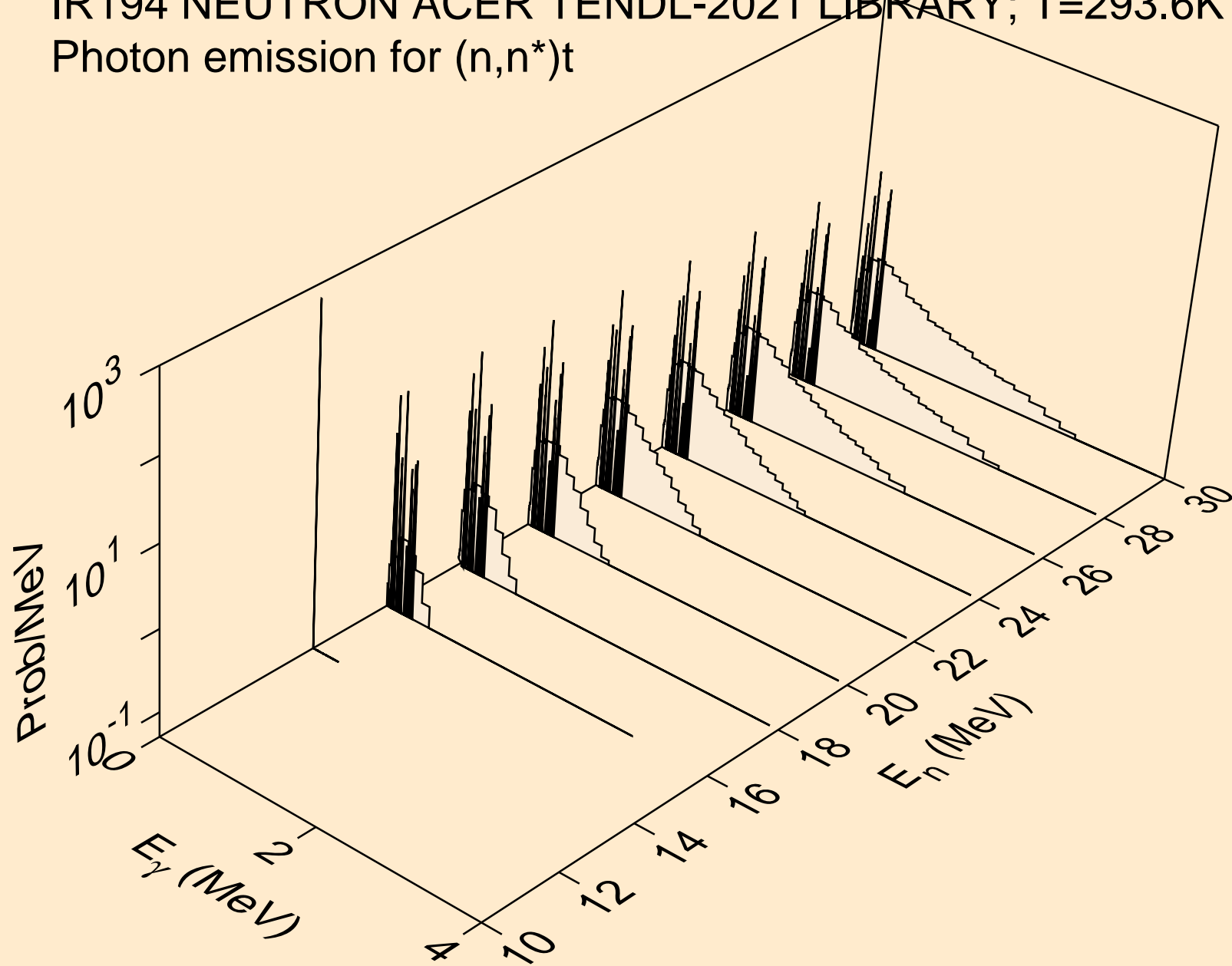
IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



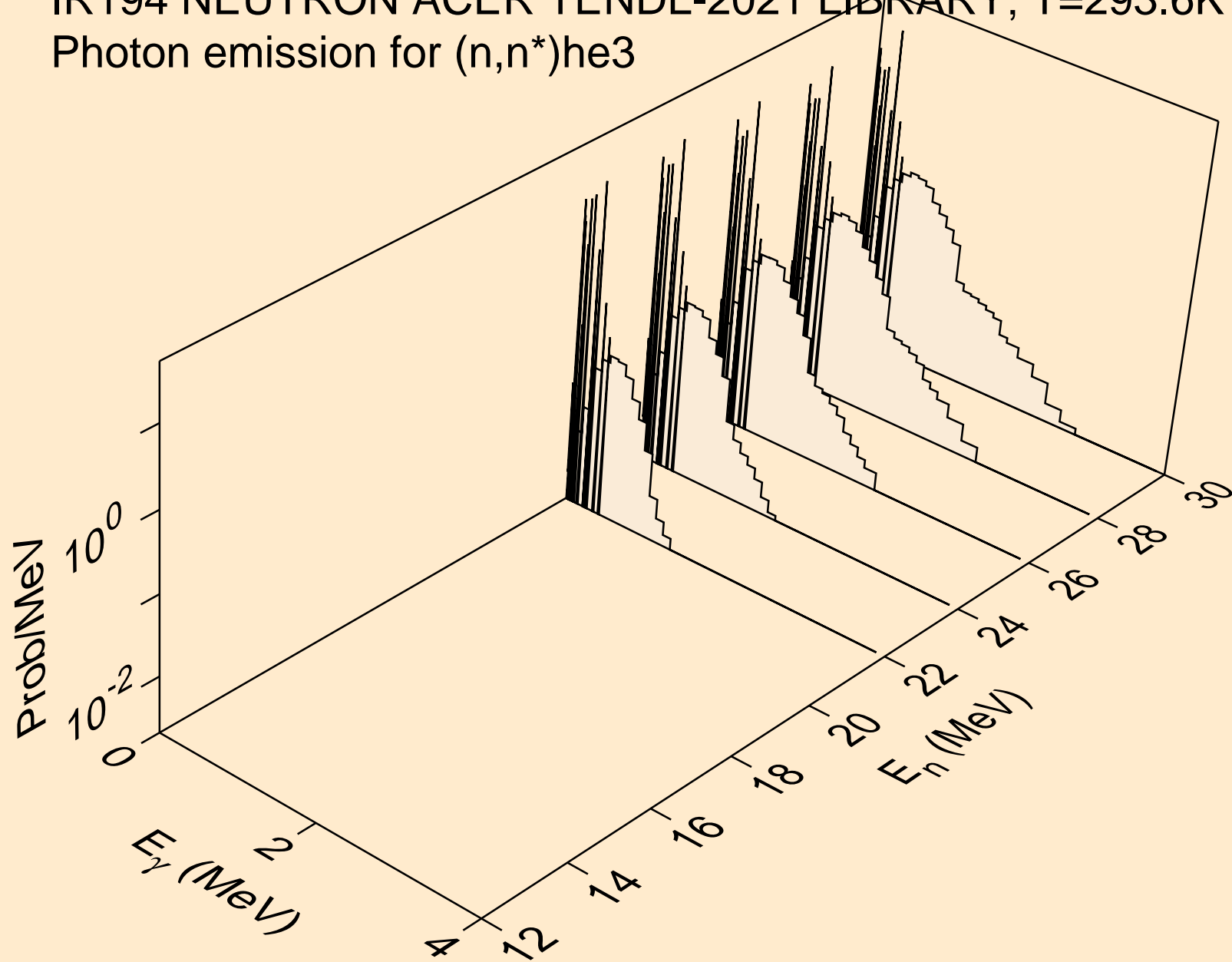
IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d



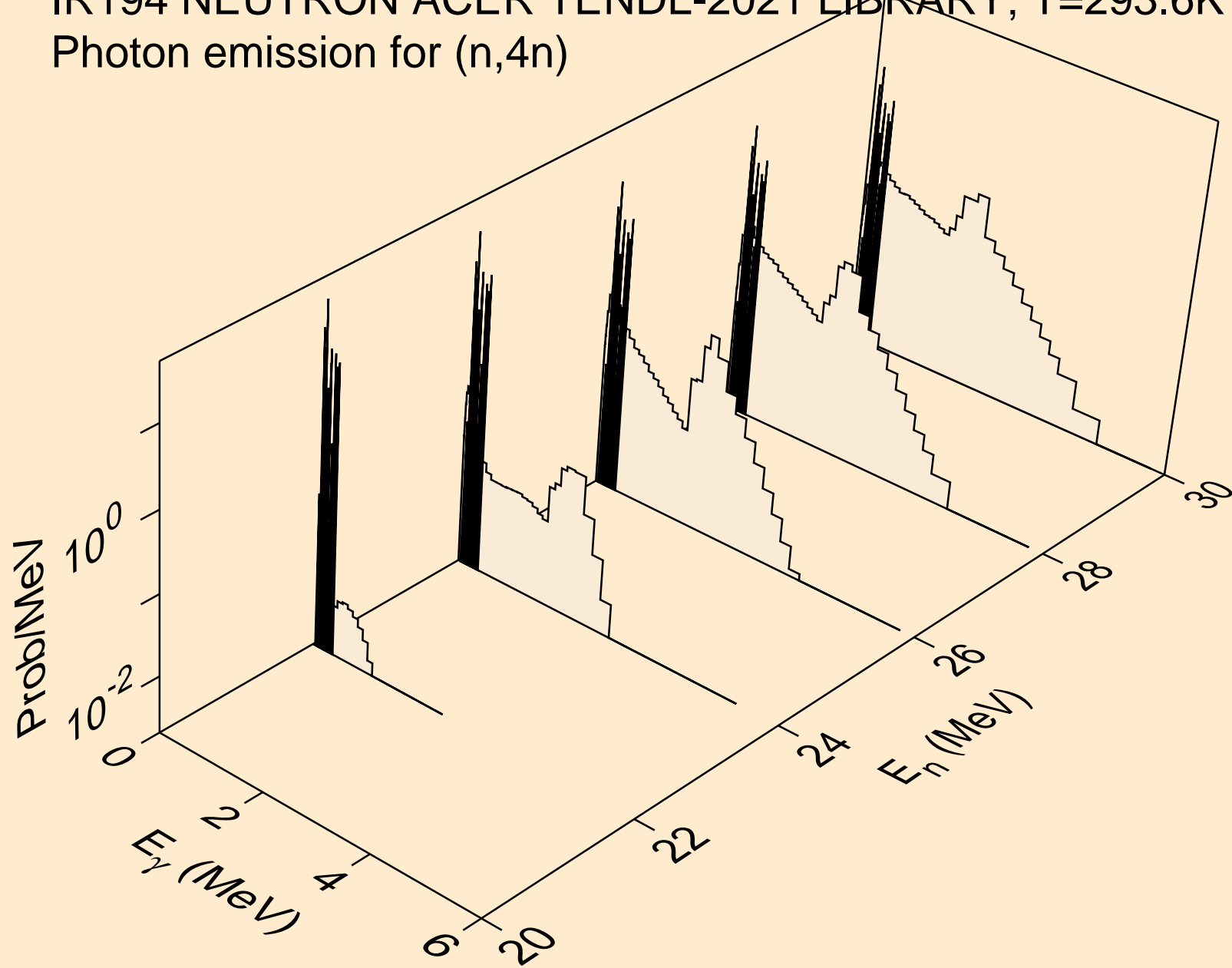
IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t



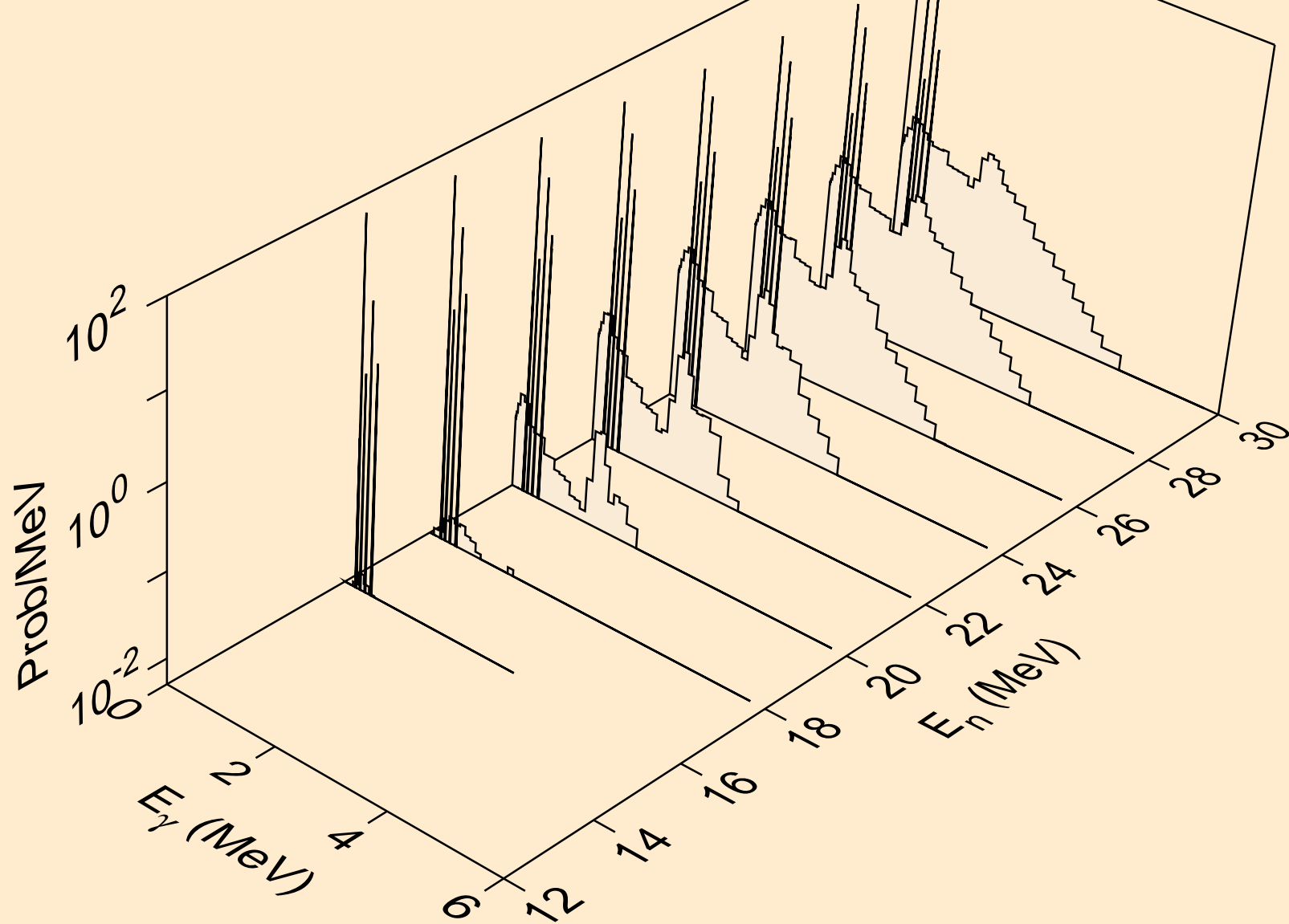
IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



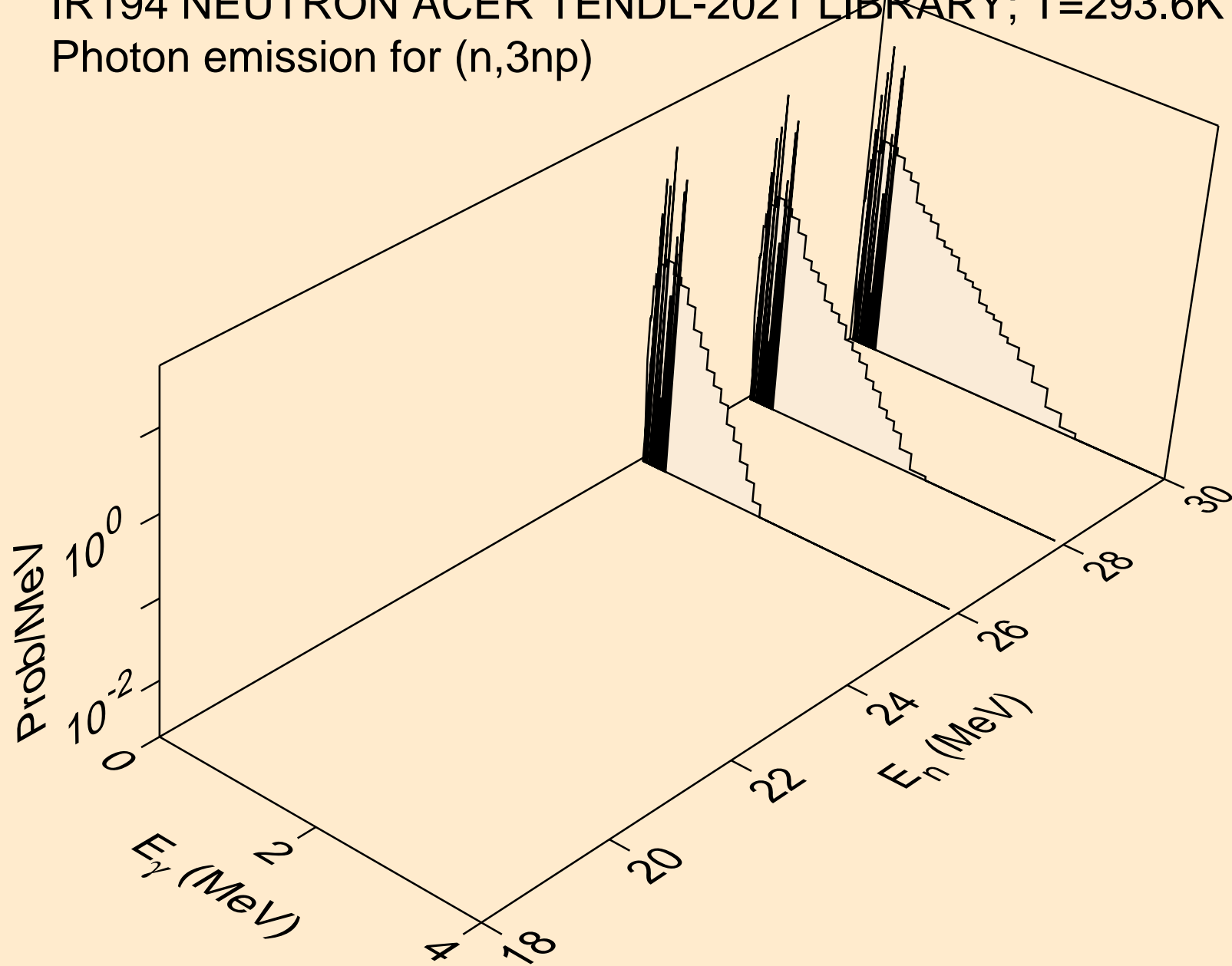
IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,4n)



IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)

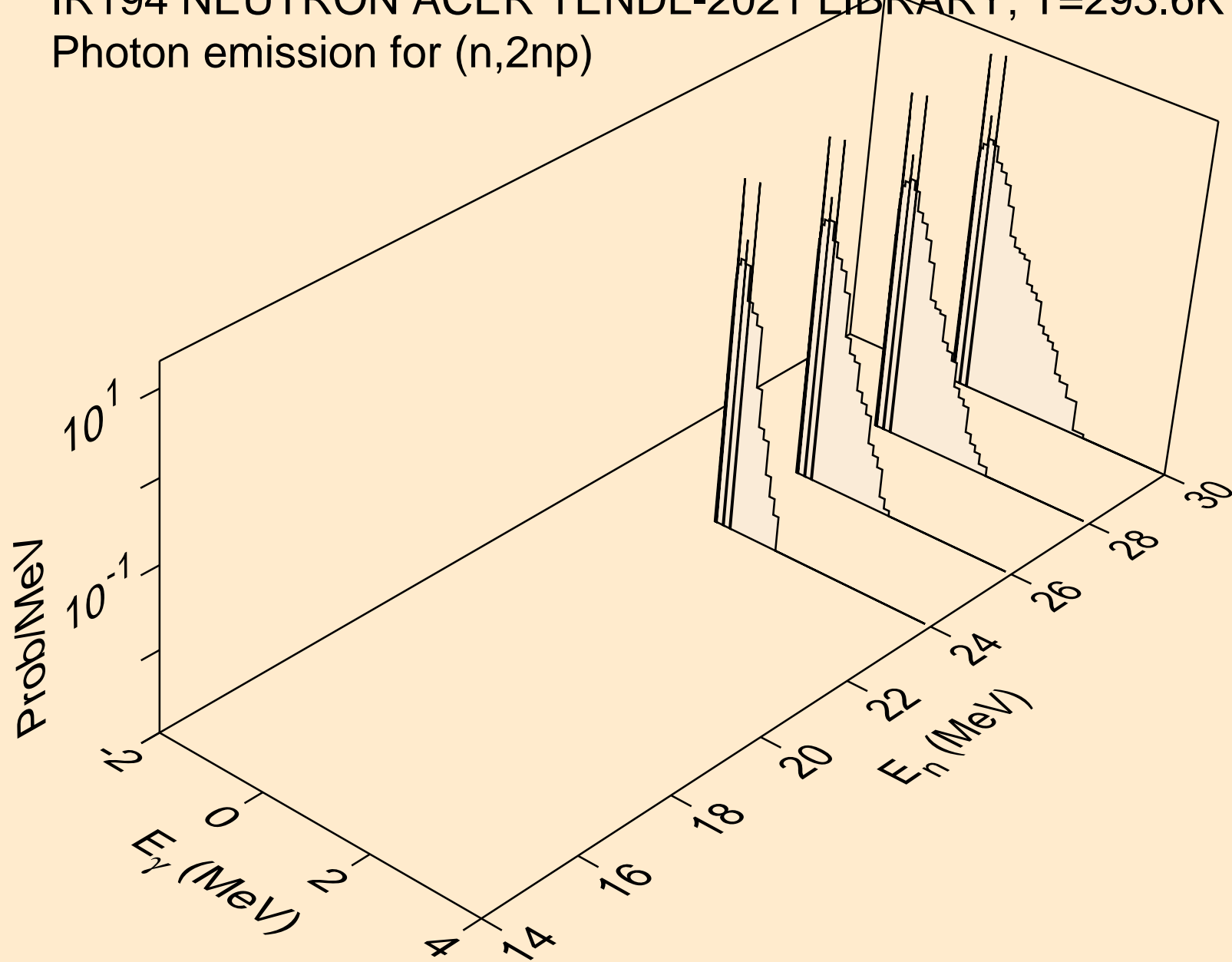


IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3np)

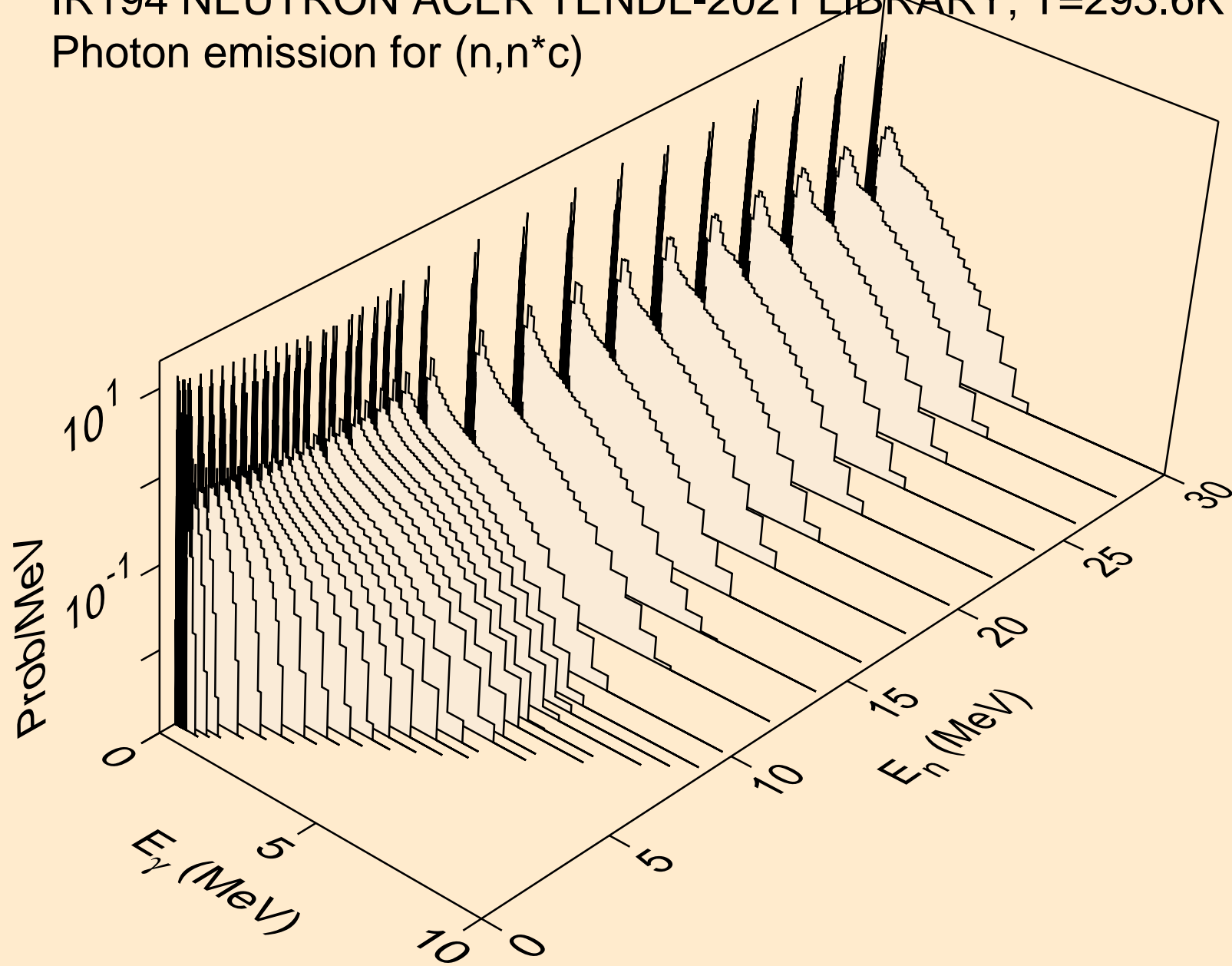




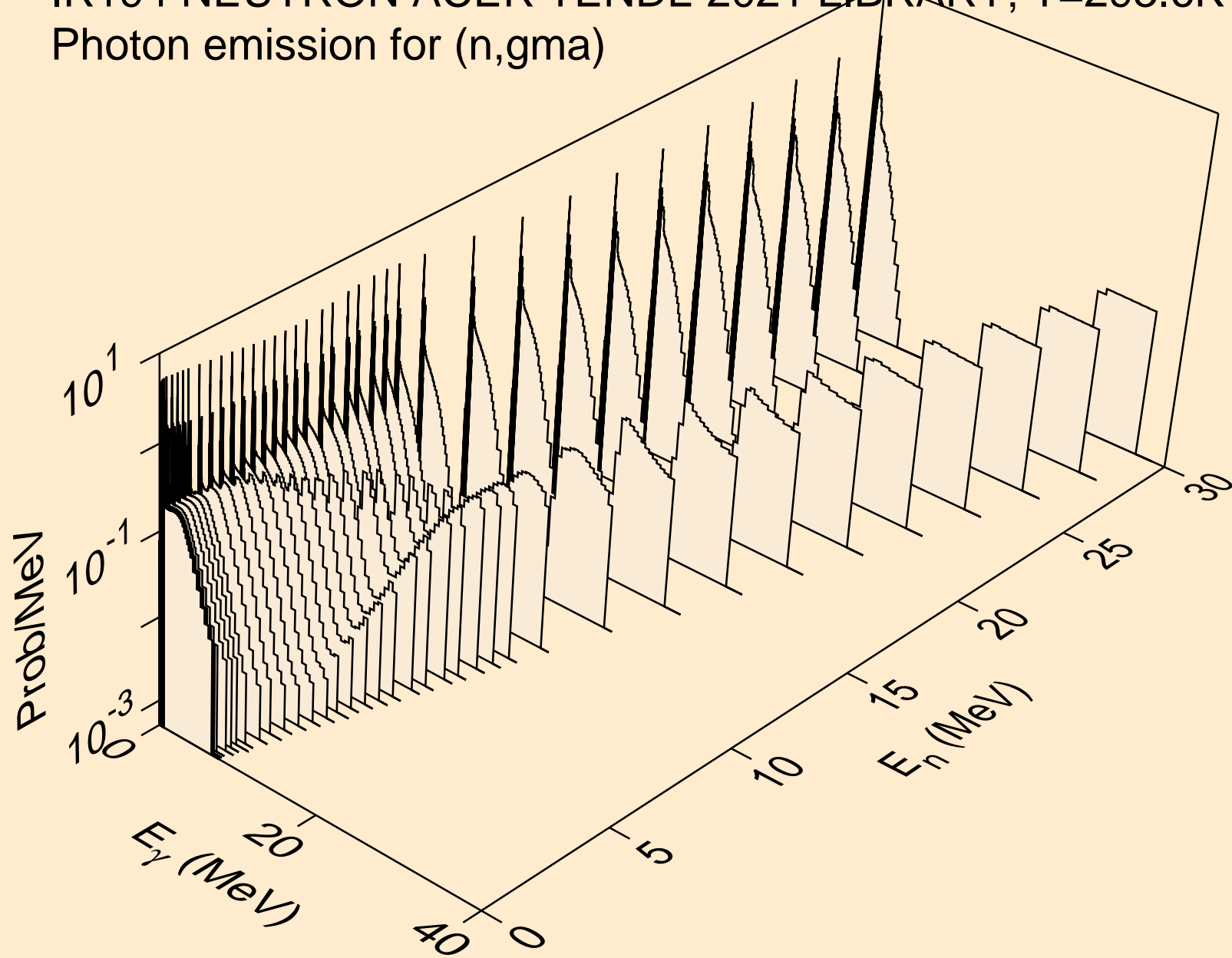
IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)



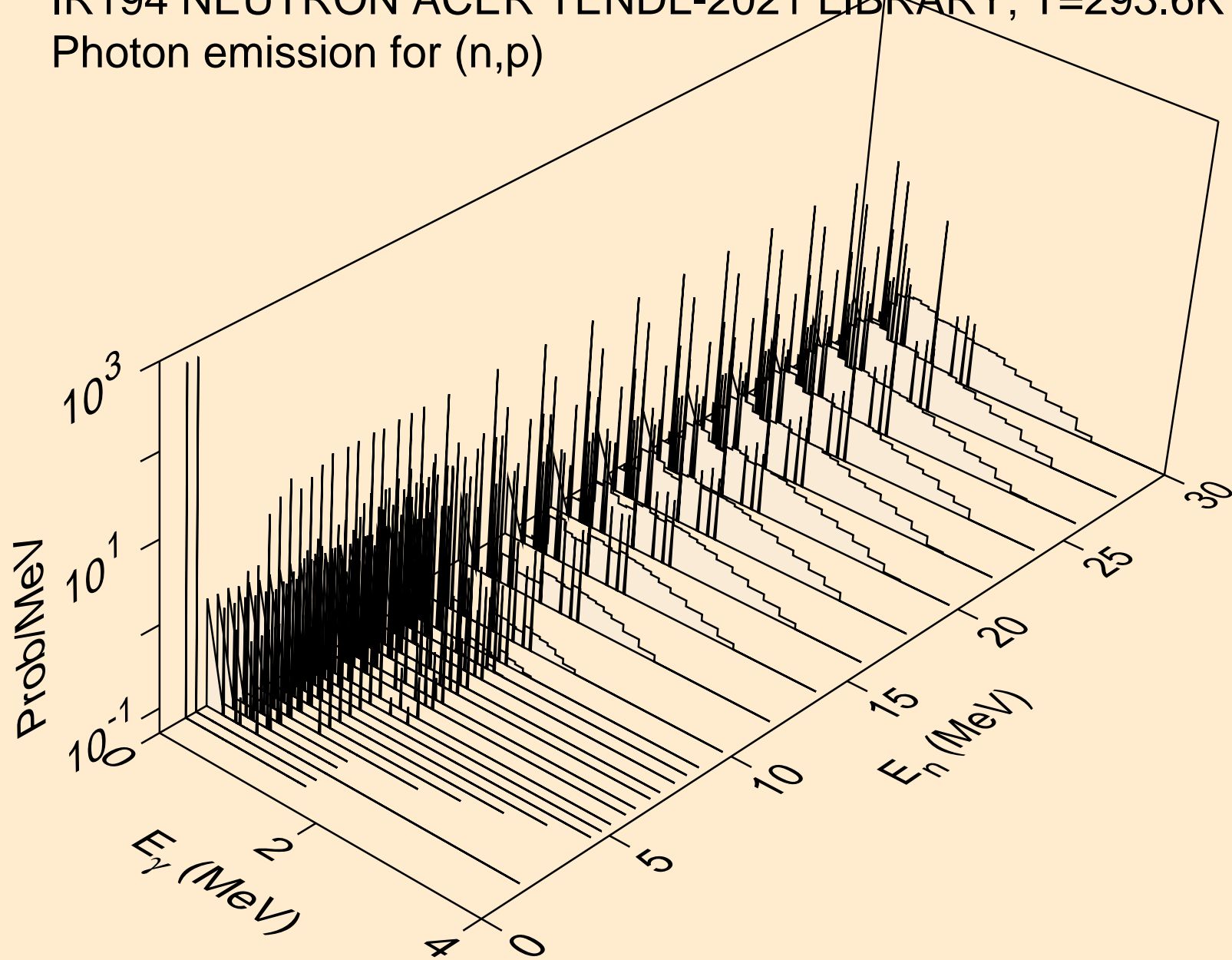
IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)



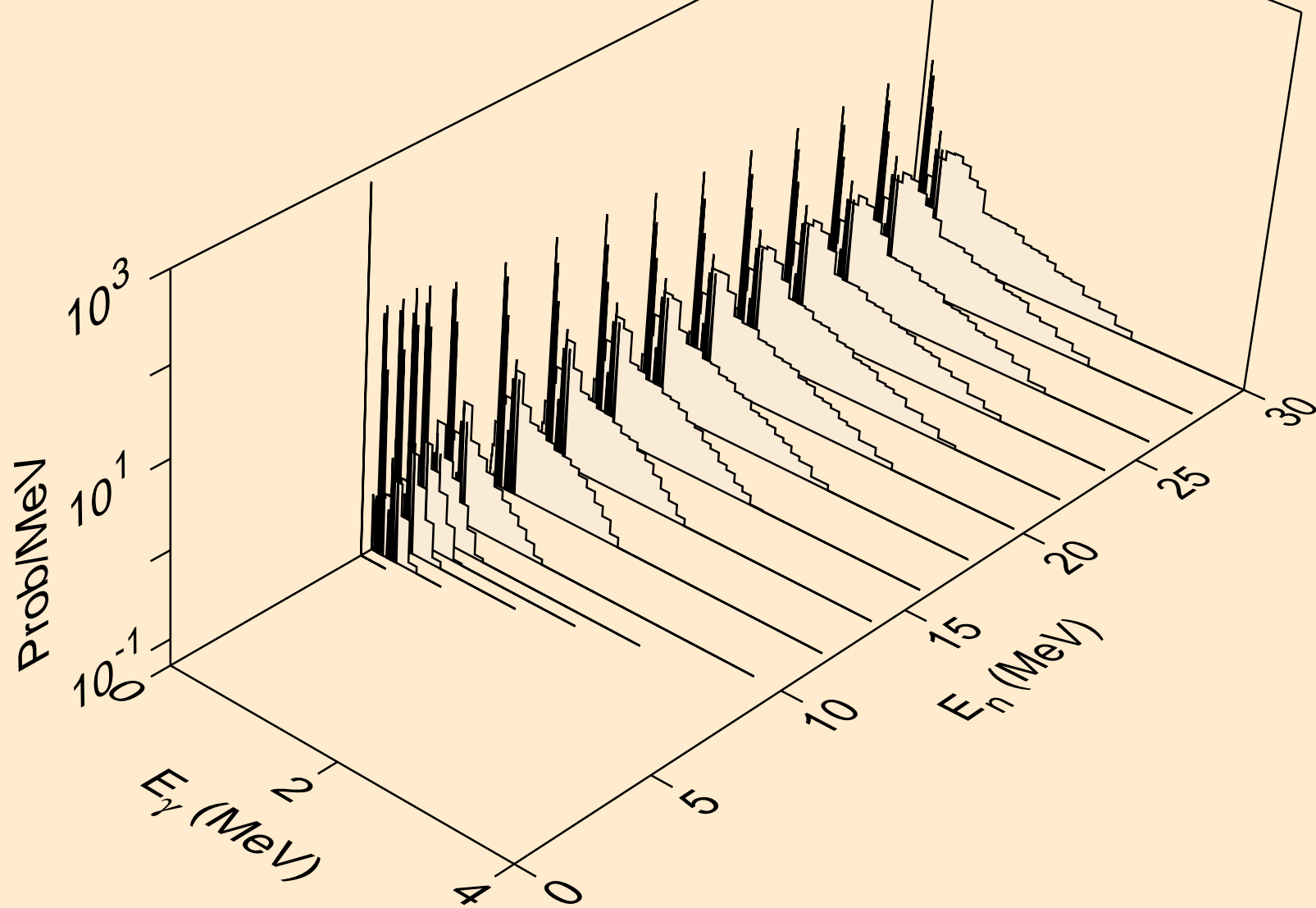
IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,gma)



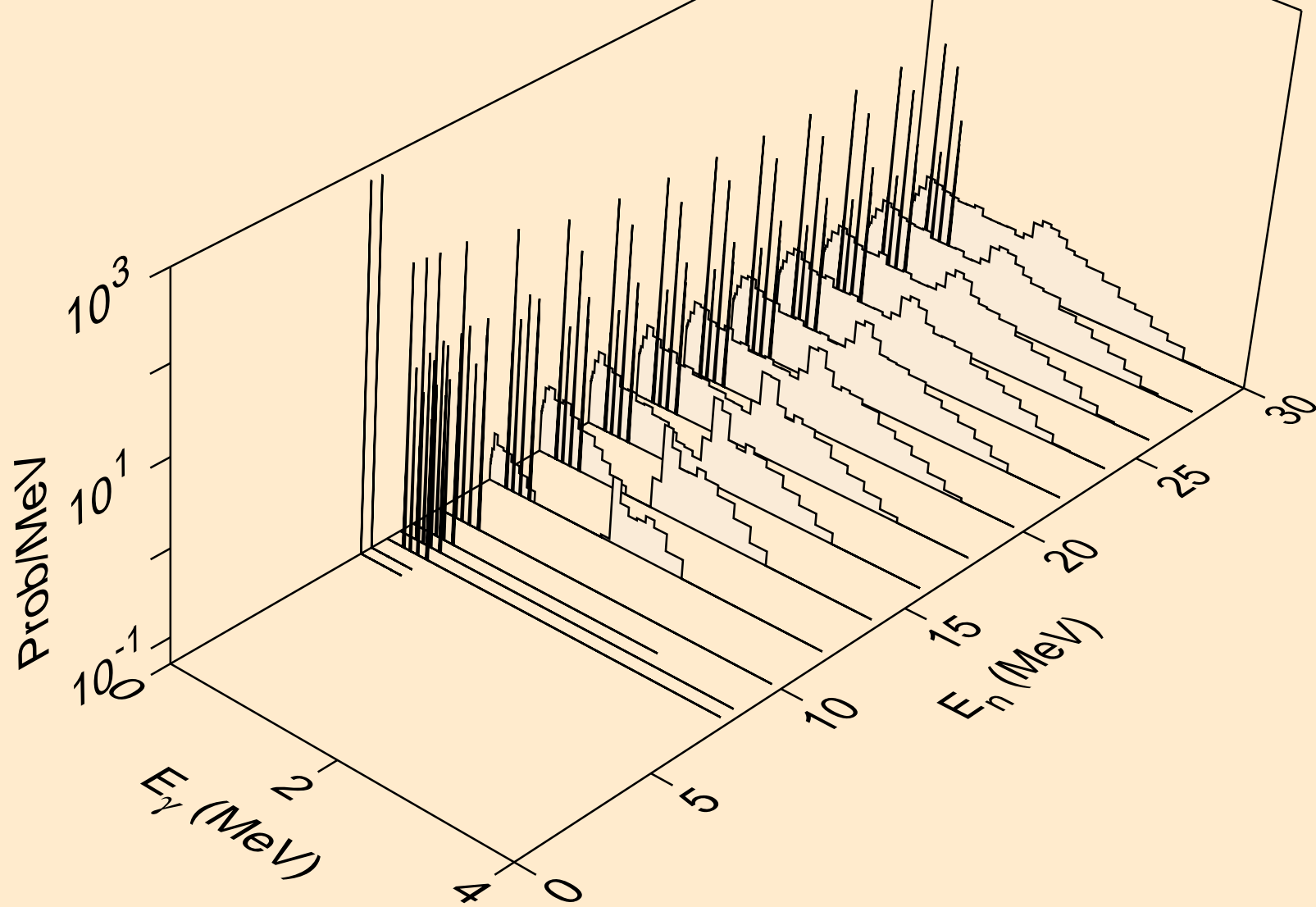
IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p)



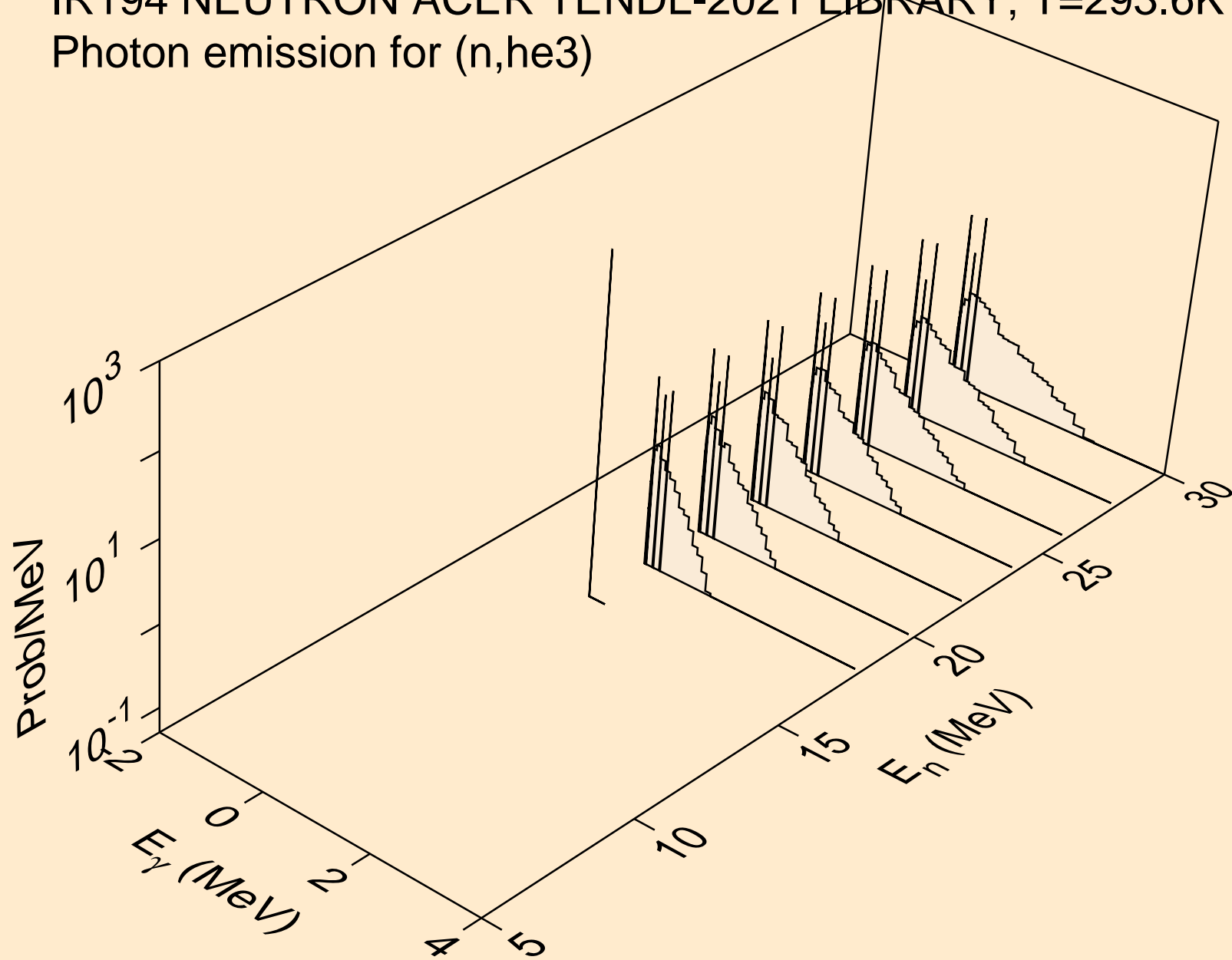
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Photon emission for (n,d)



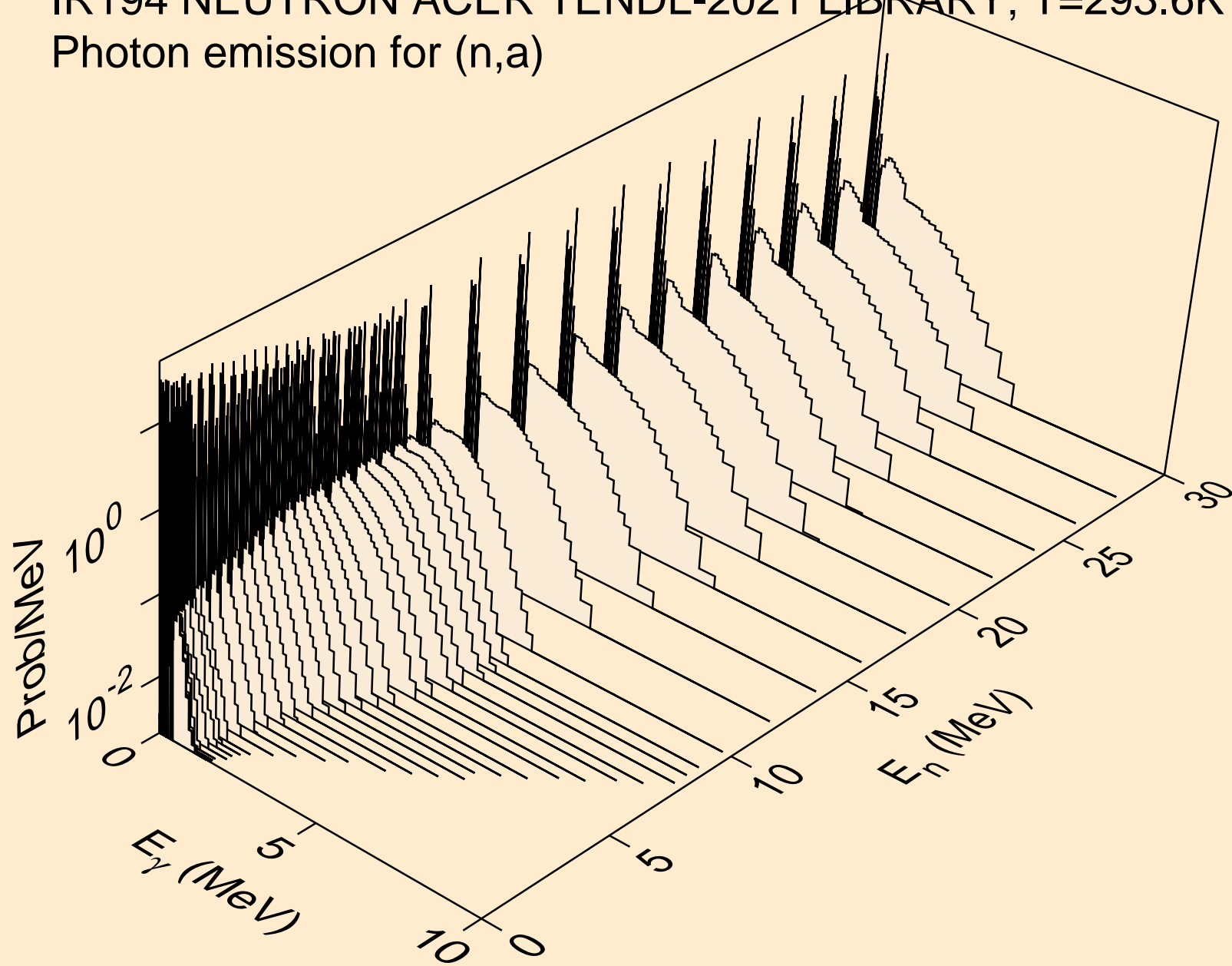
IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,t)



IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,he3)

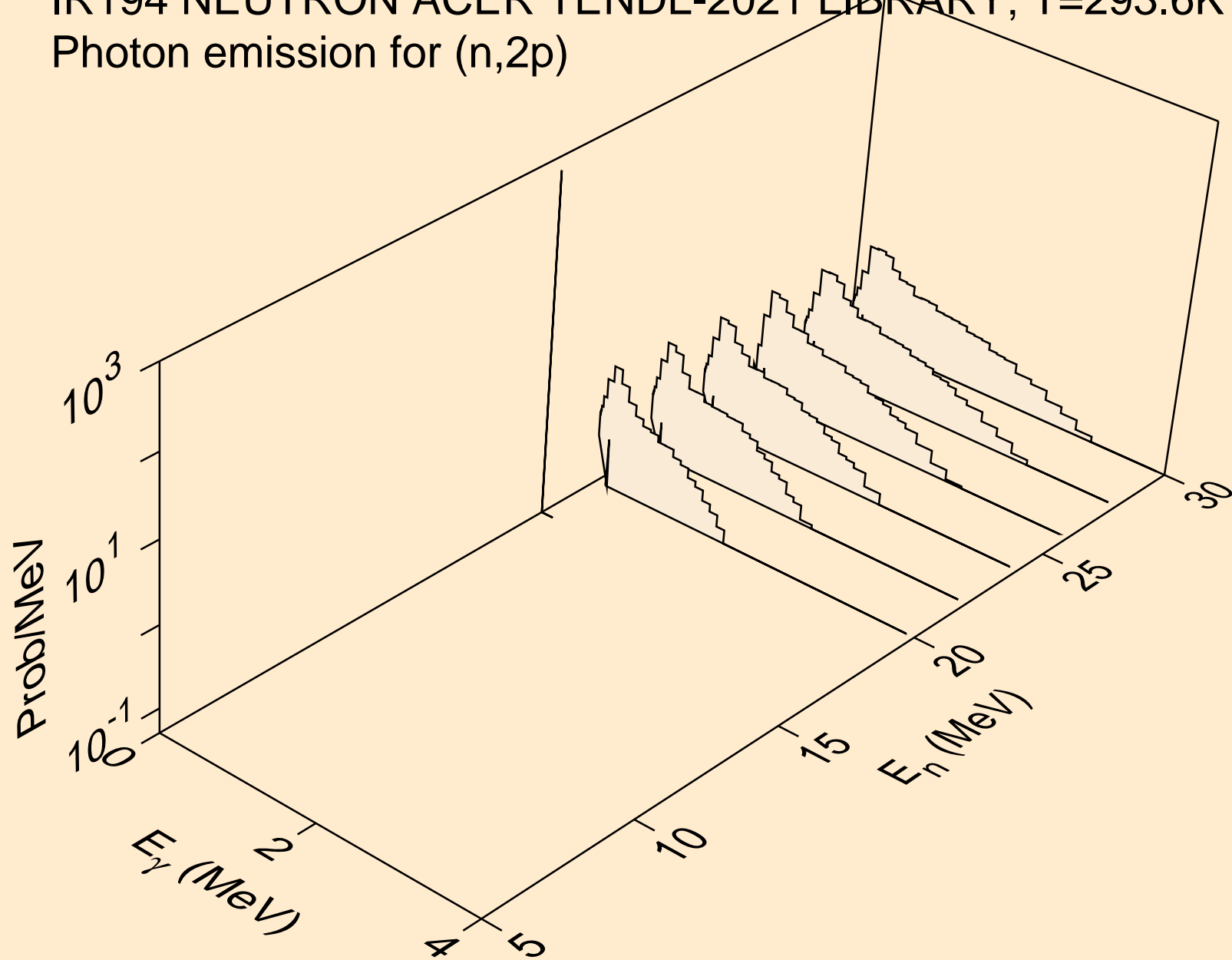


IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,a)

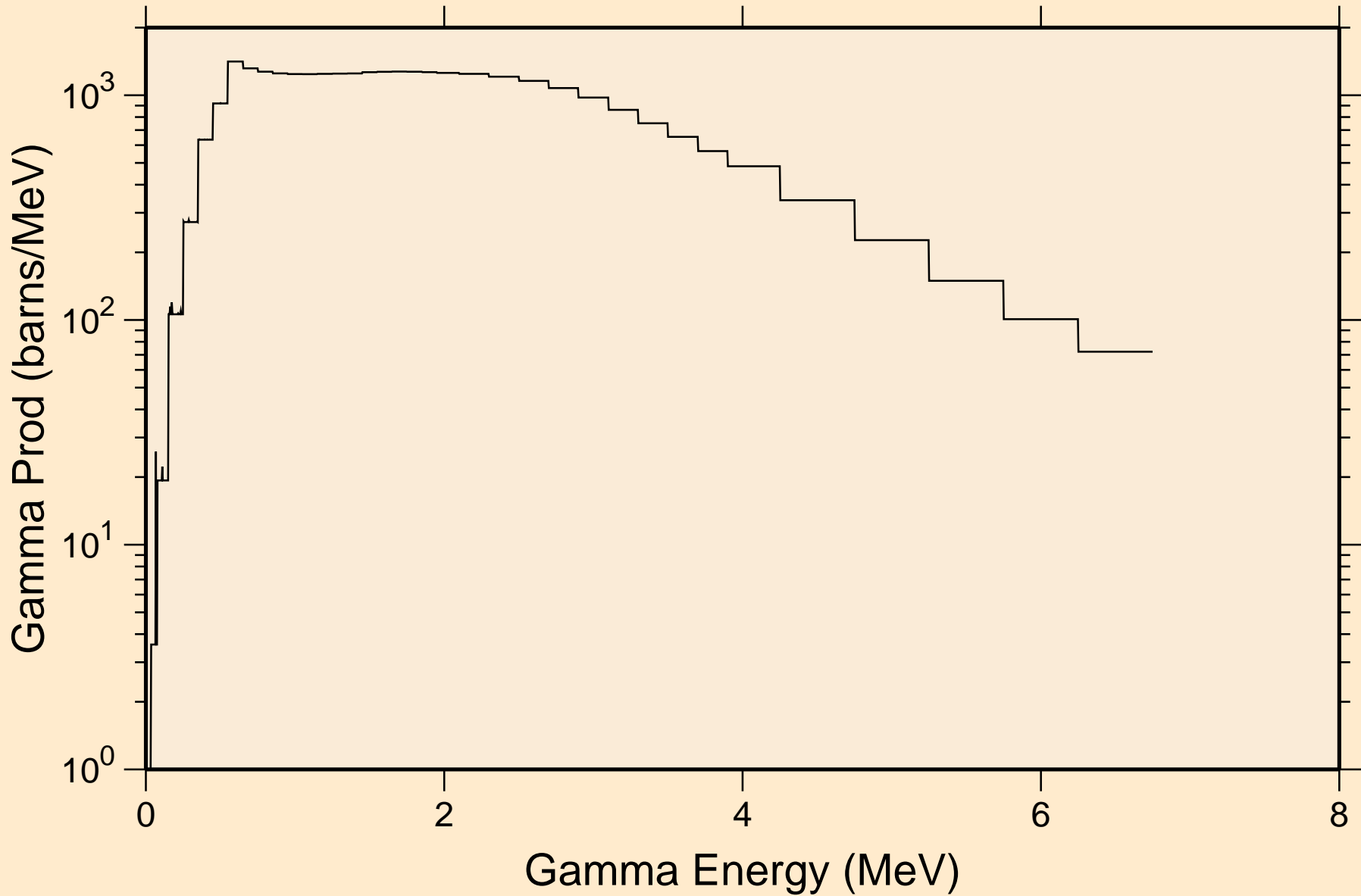




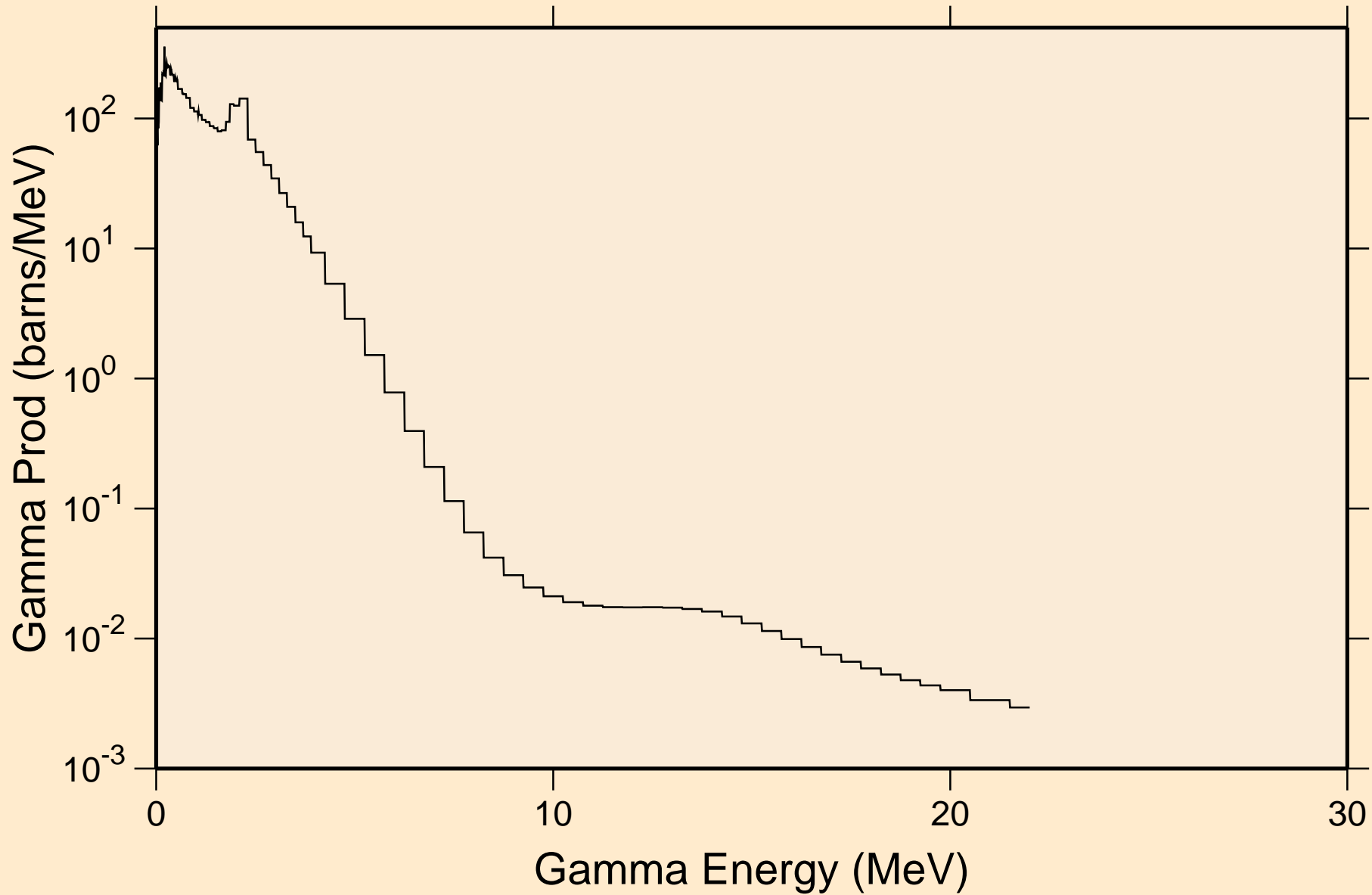
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Photon emission for (n,2p)



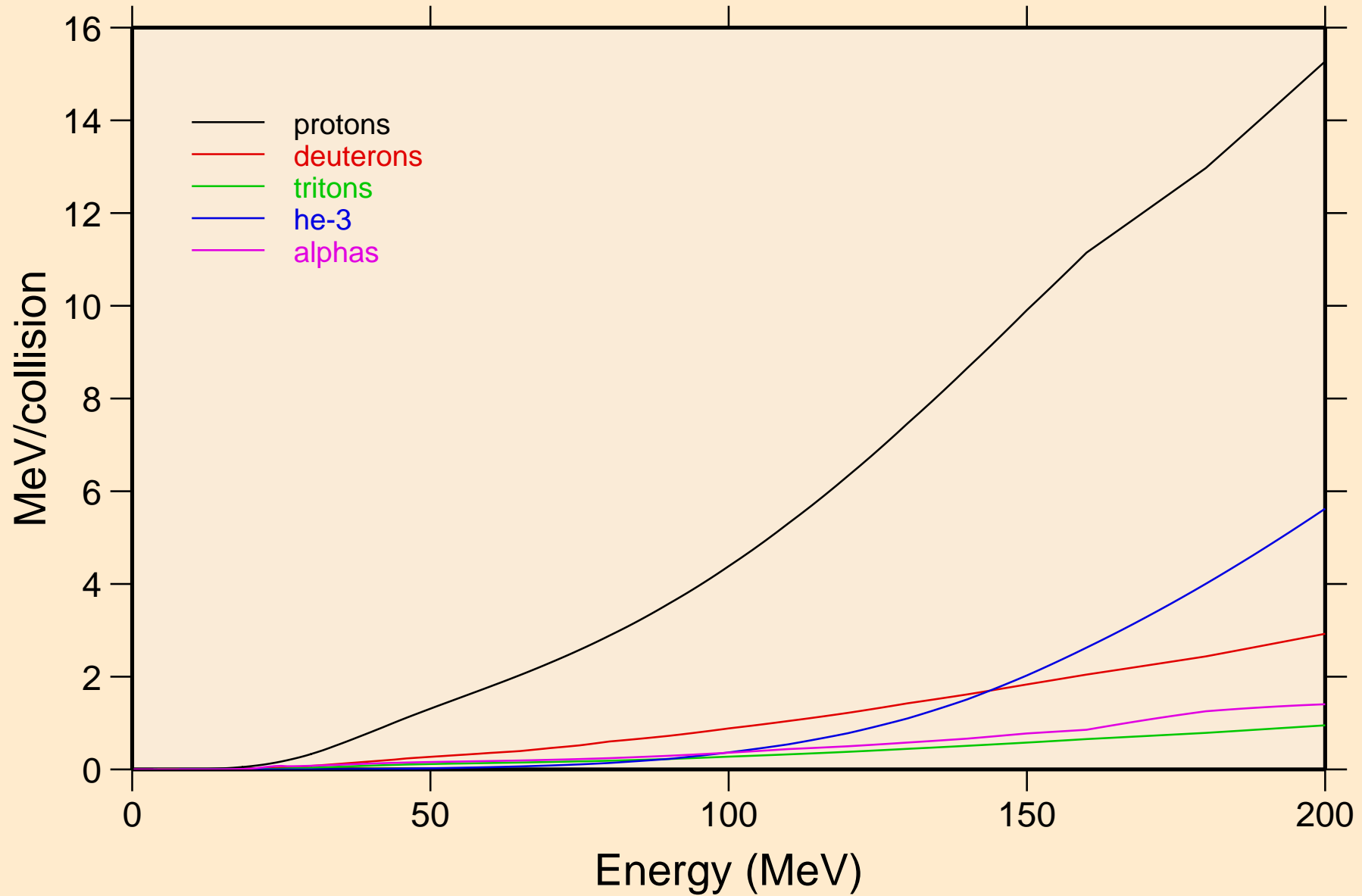
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thermal capture photon spectrum



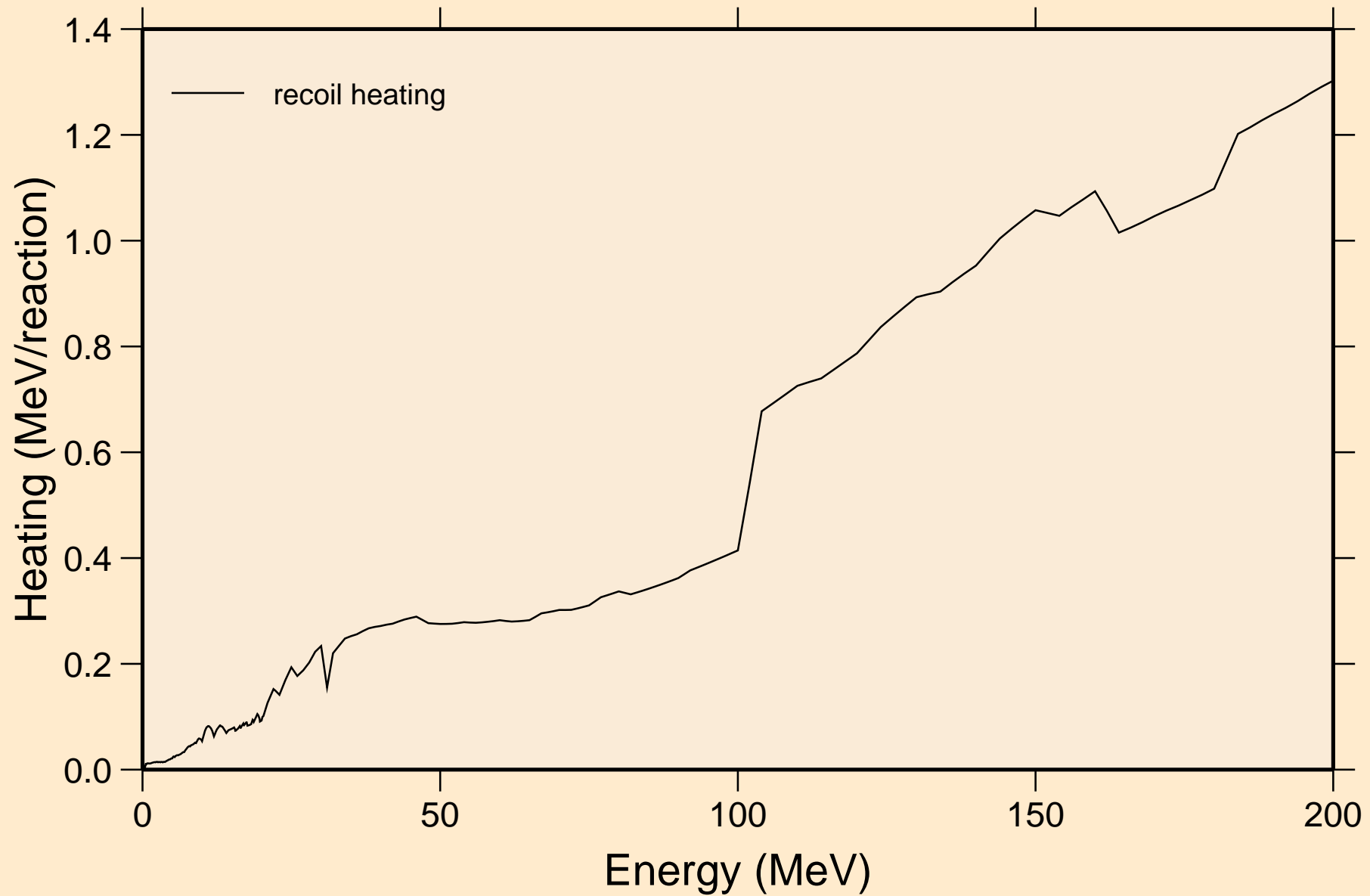
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14 MeV photon spectrum



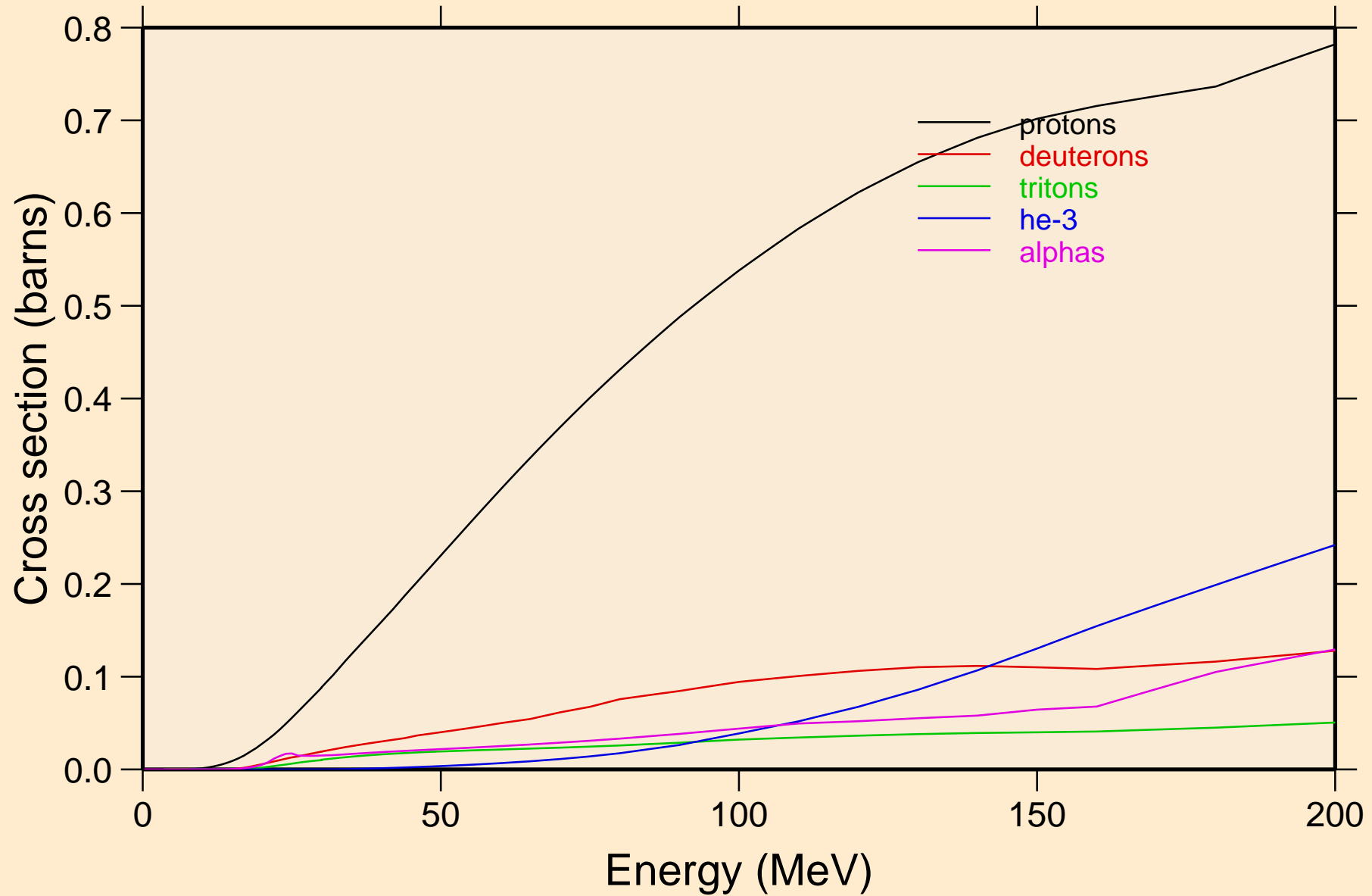
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Particle heating contributions



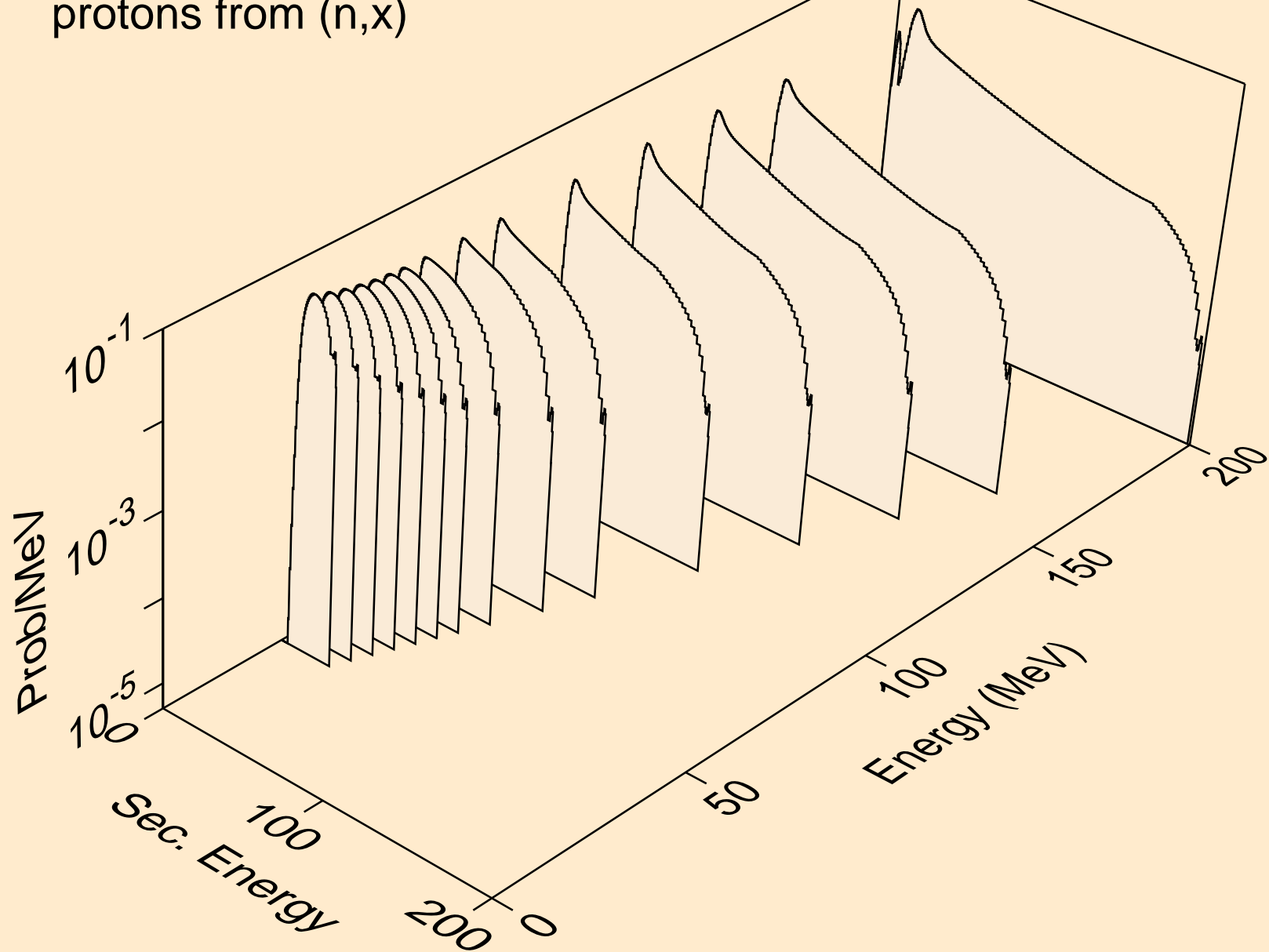
IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Recoil Heating



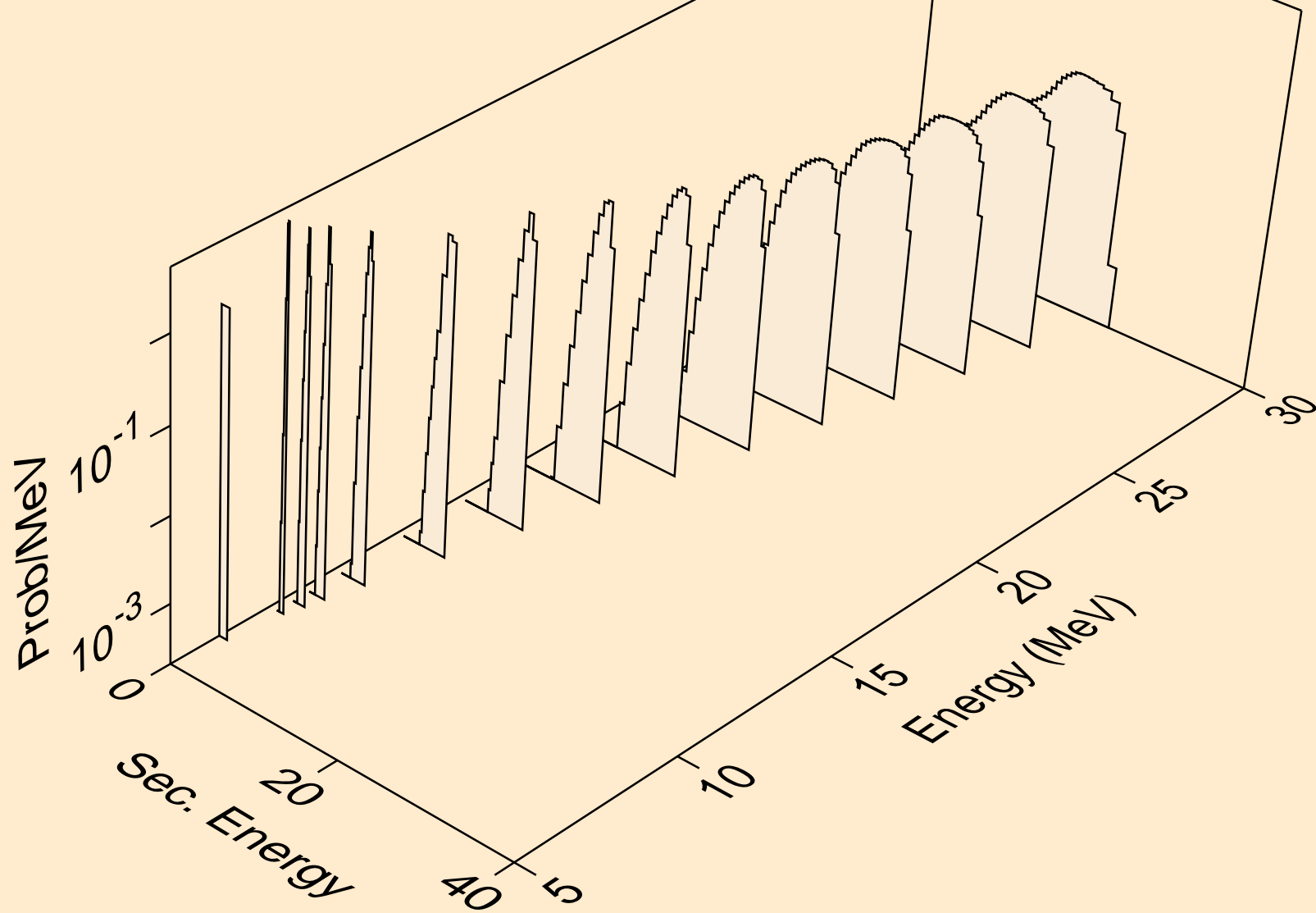
IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Particle production cross sections



IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)

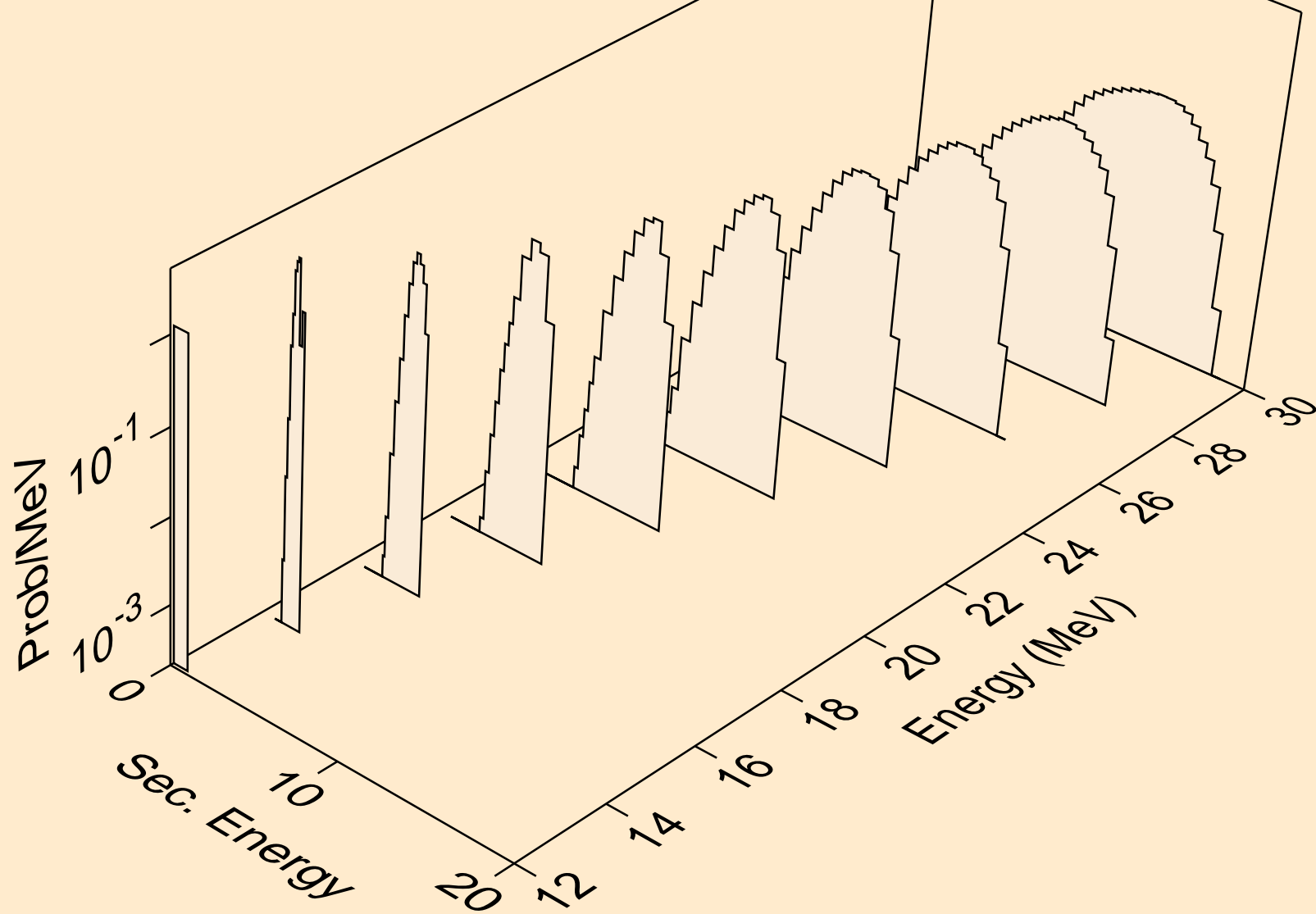


IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,n\*)p

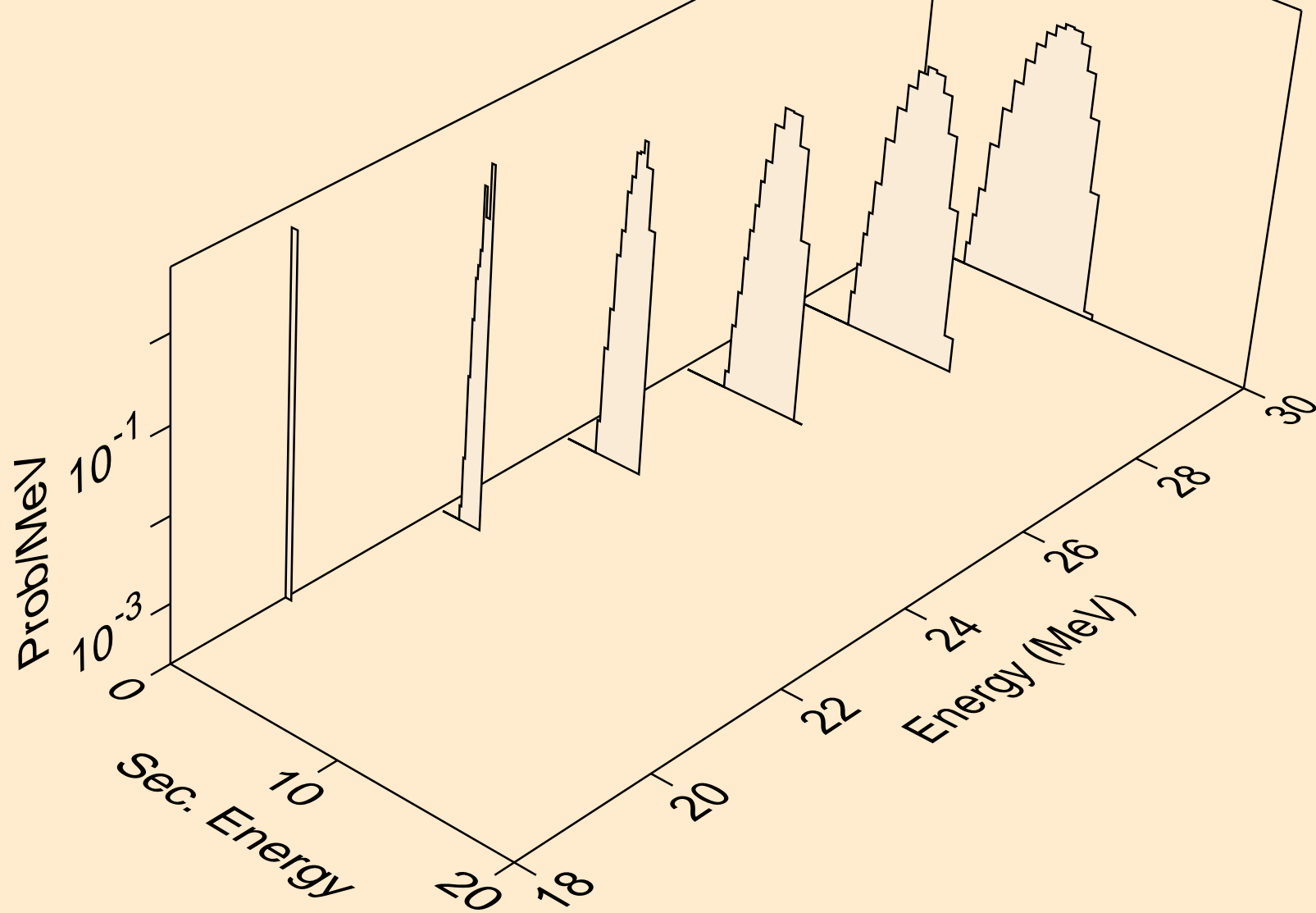




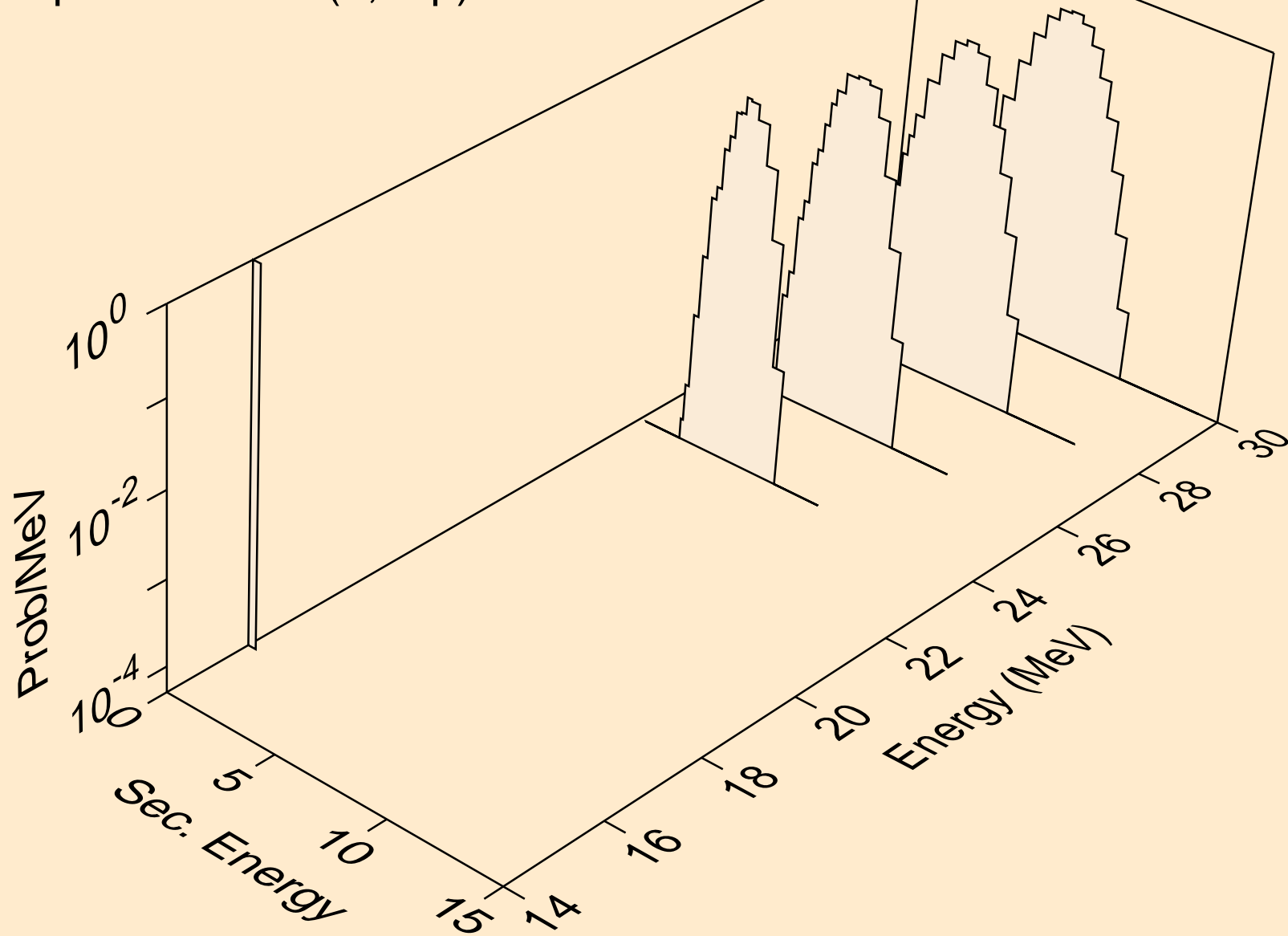
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protons from (n,2np)



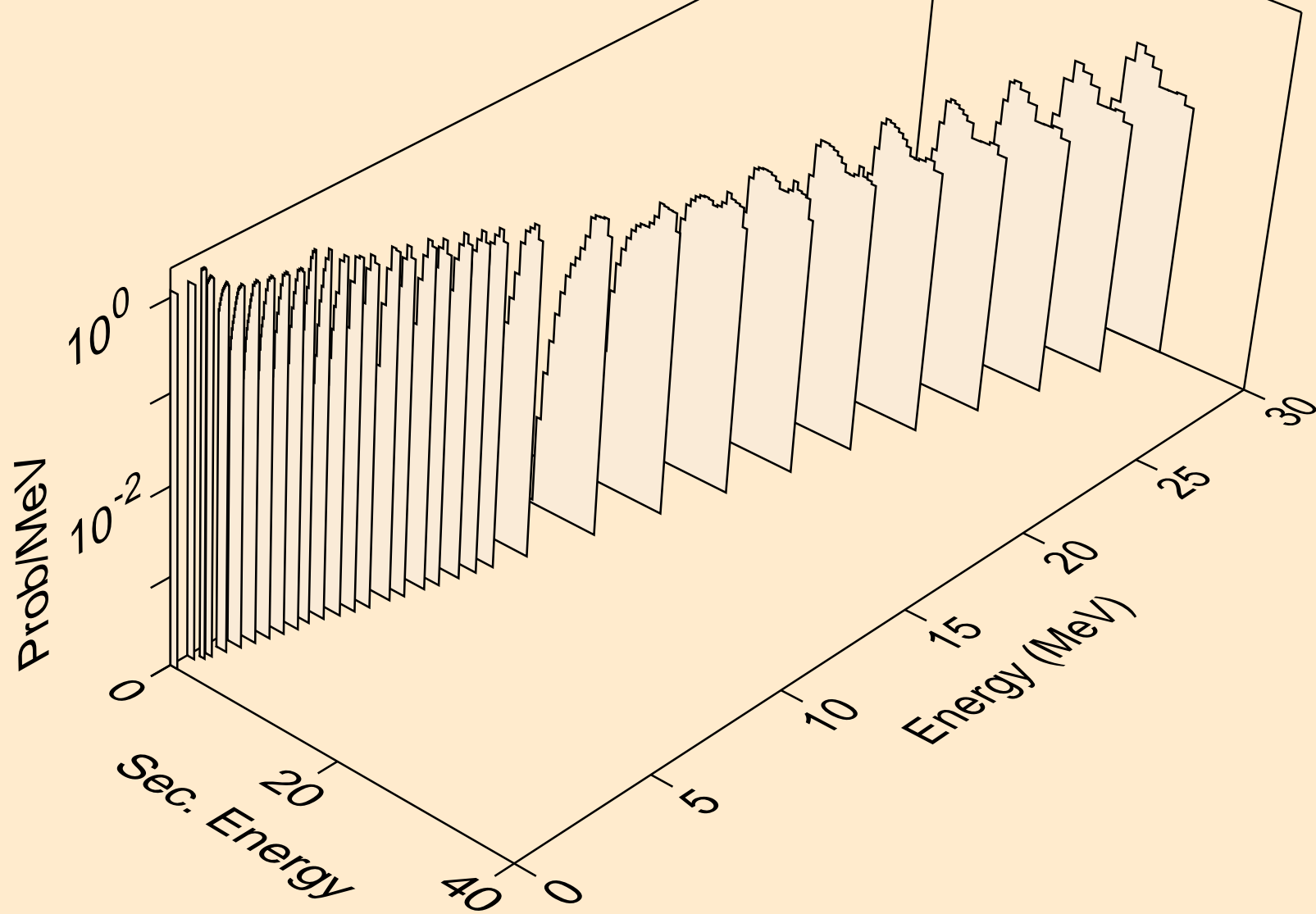
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protons from (n,3np)



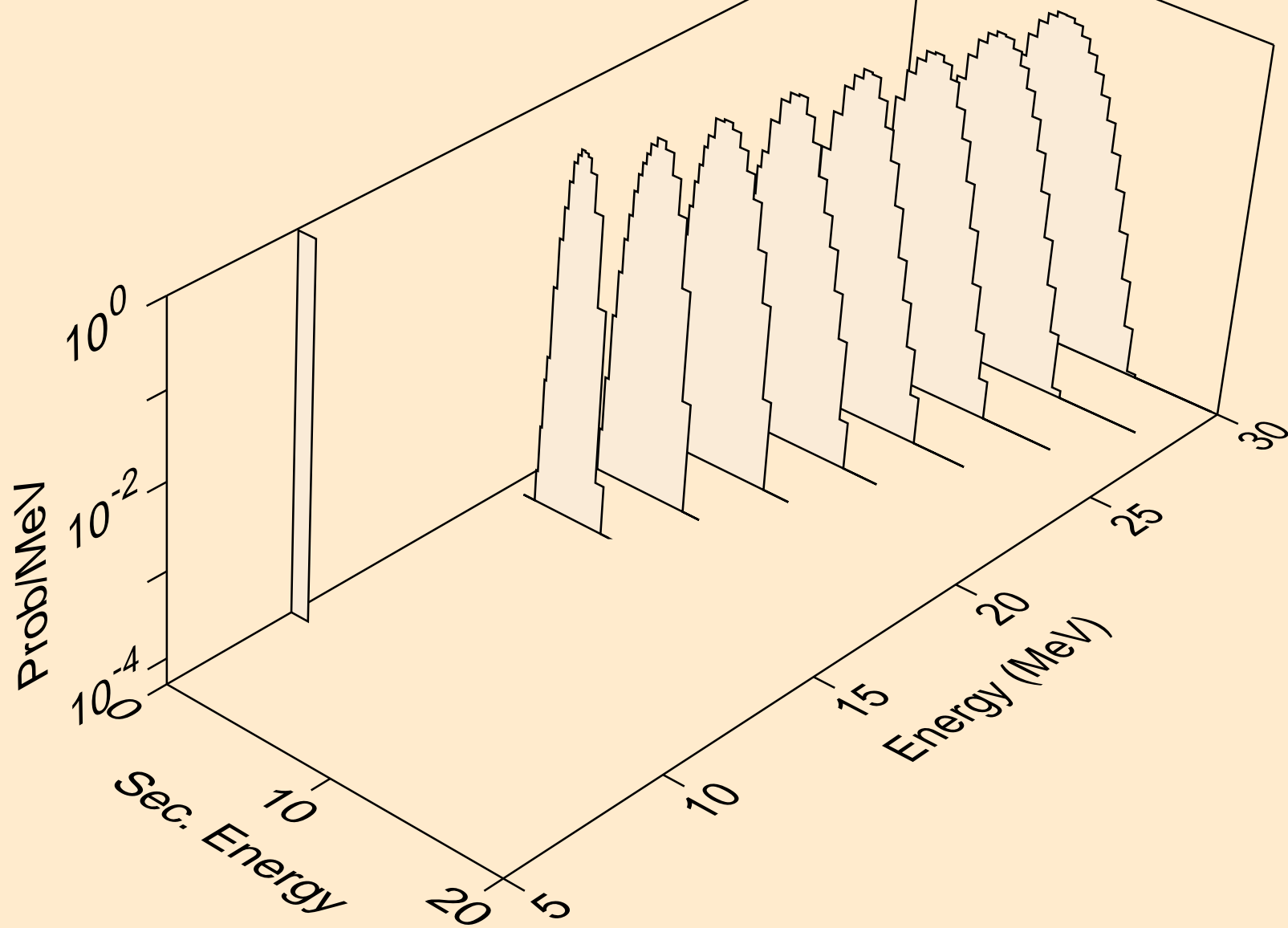
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protons from (n,2np)



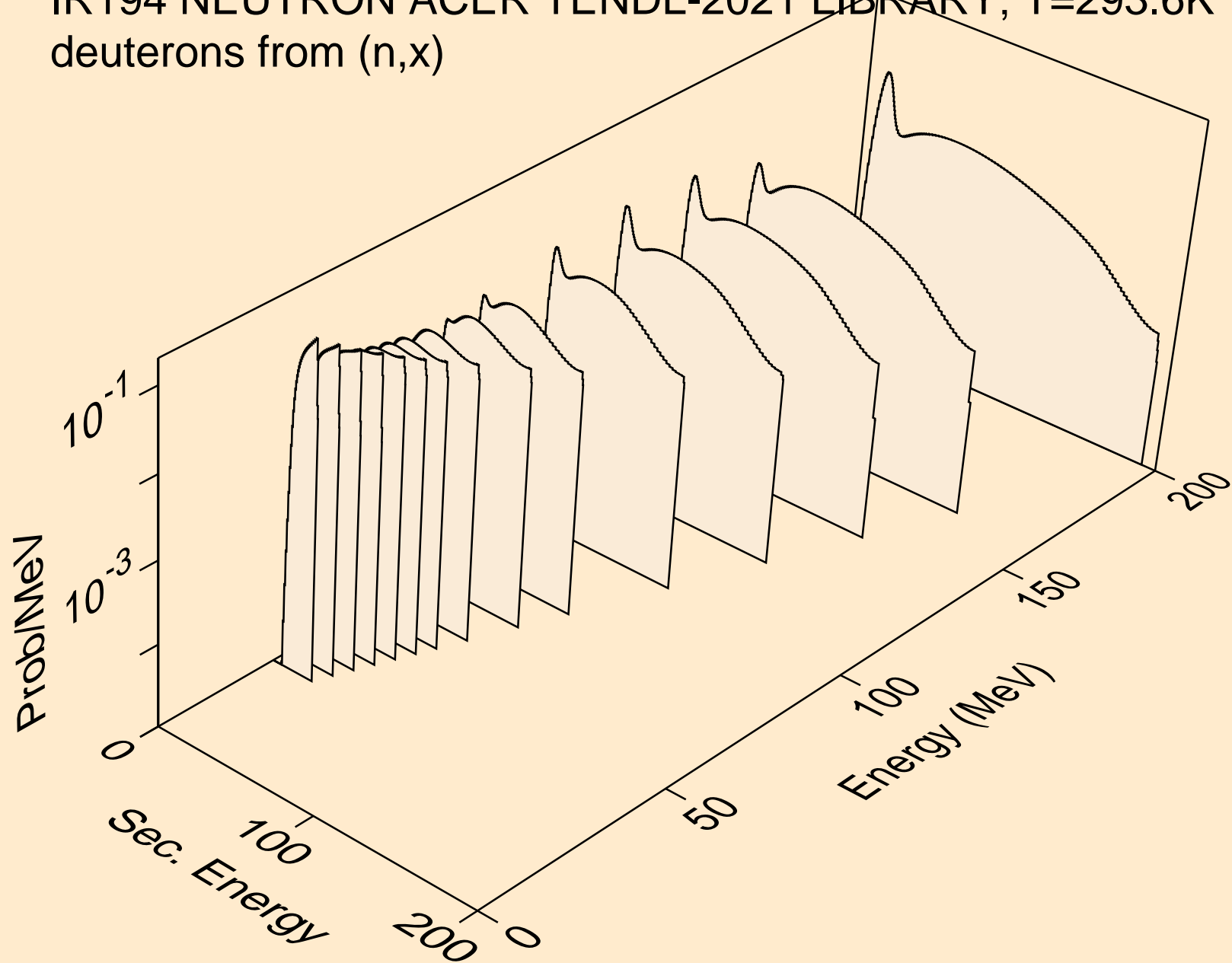
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protons from (n,p)



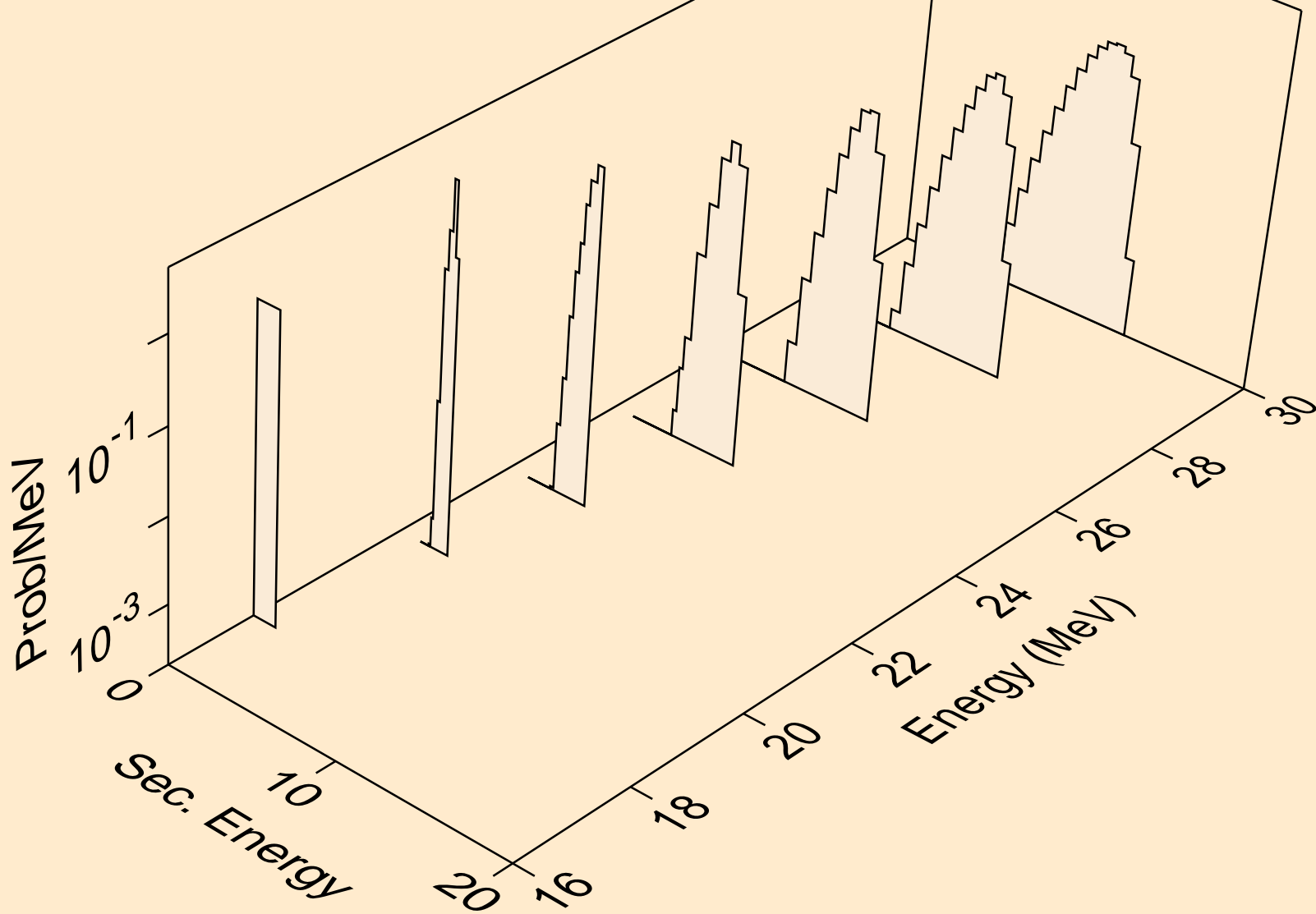
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protons from (n,2p)



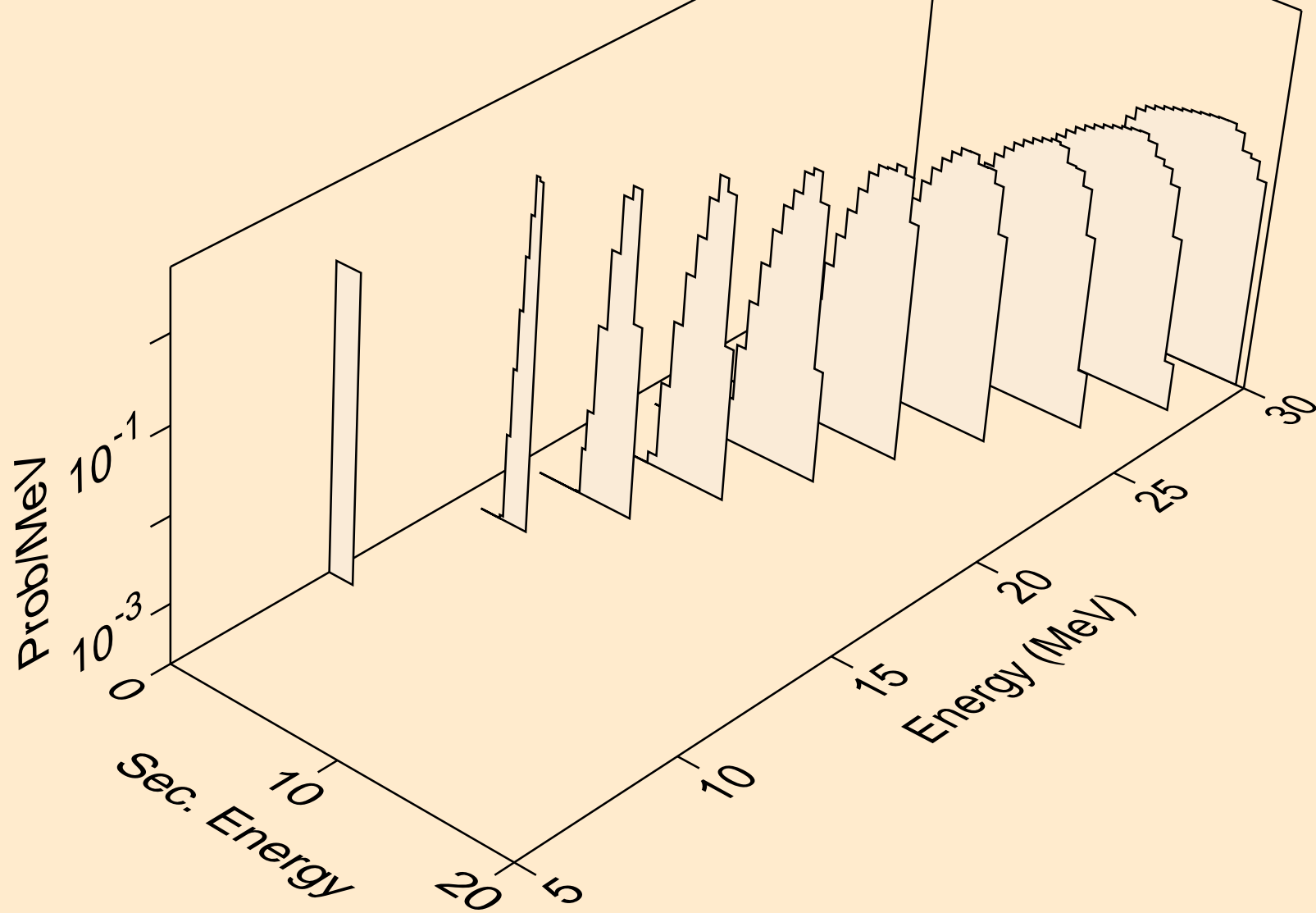
IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,x)



IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,2nd)

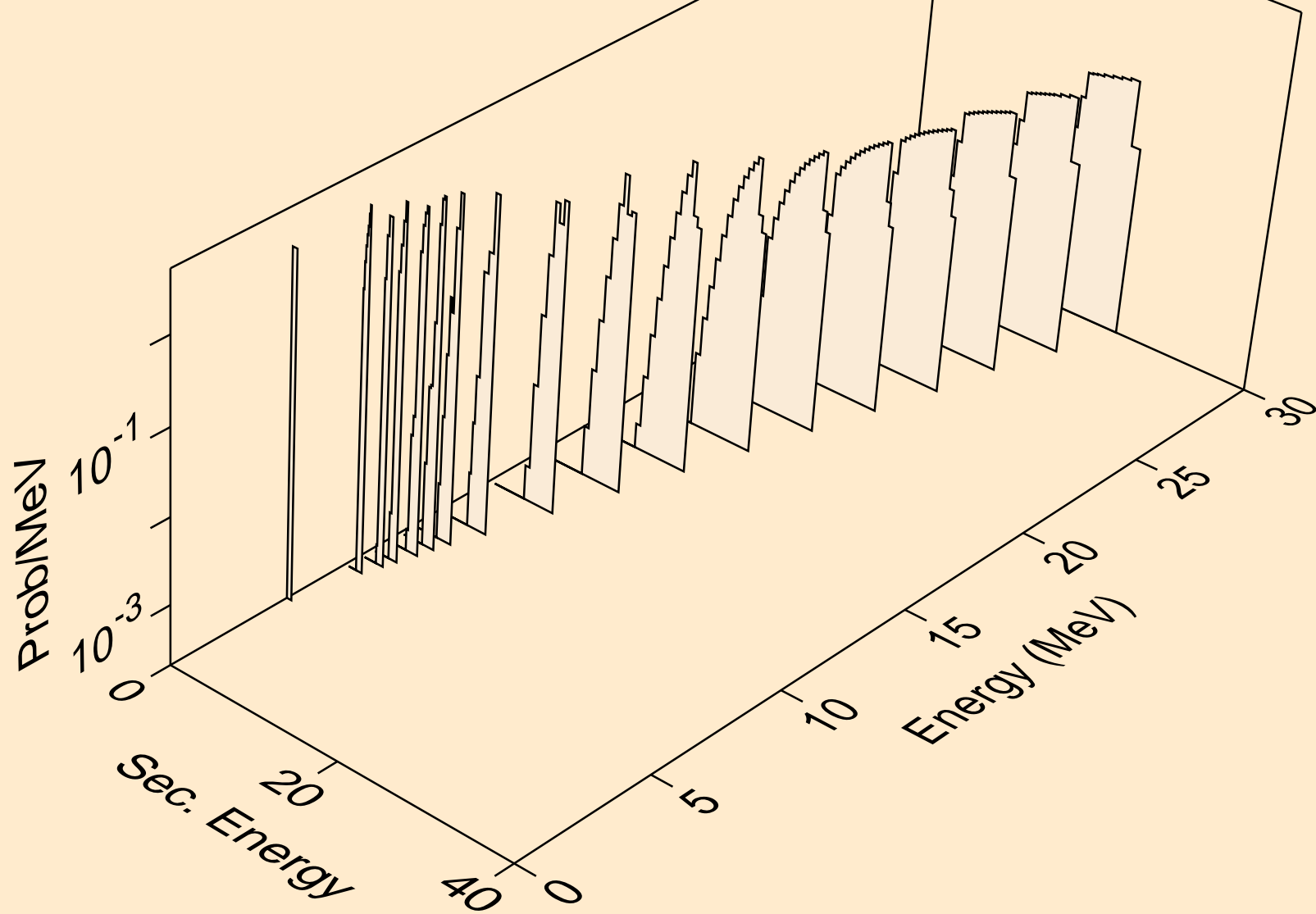


IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,n\*)d

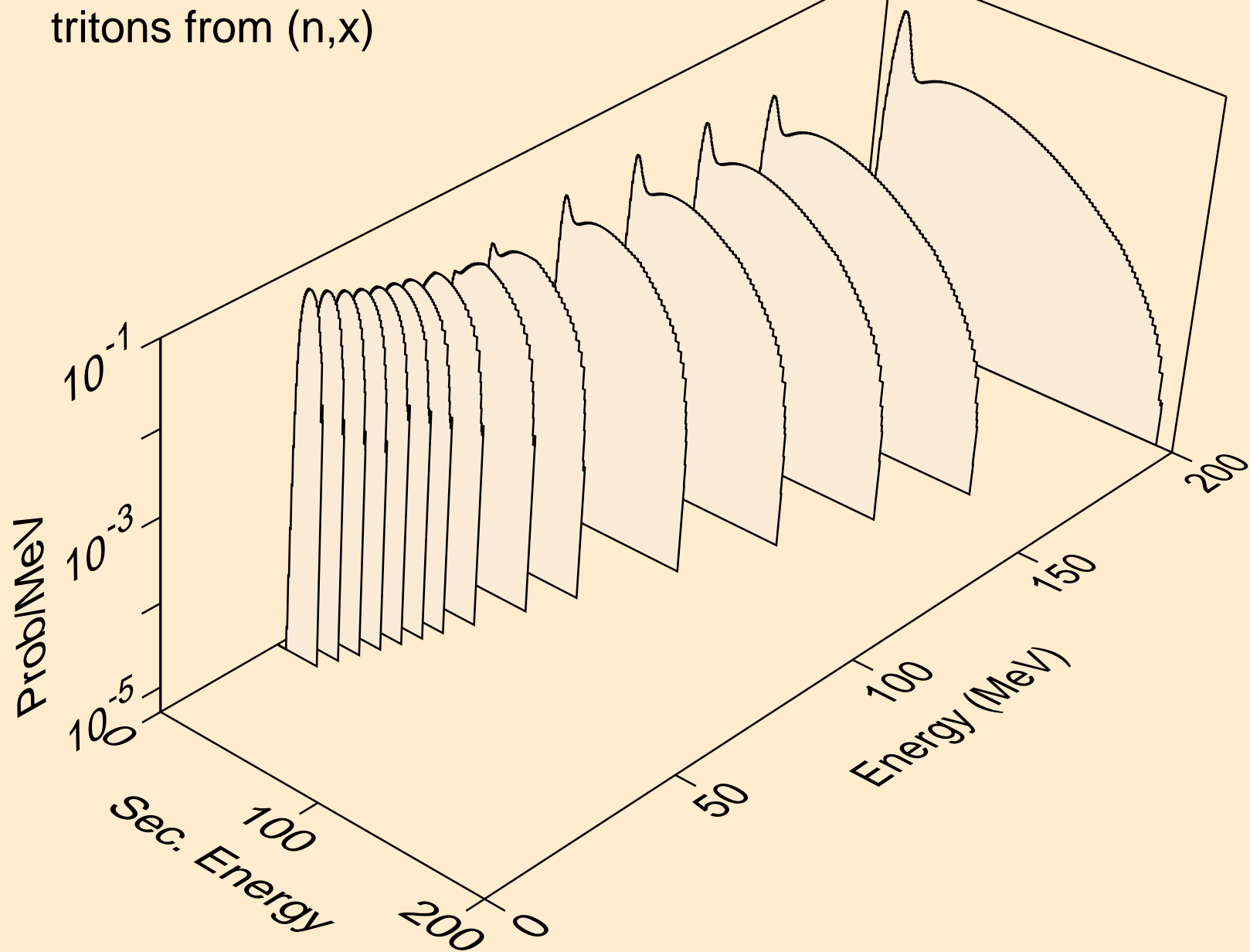




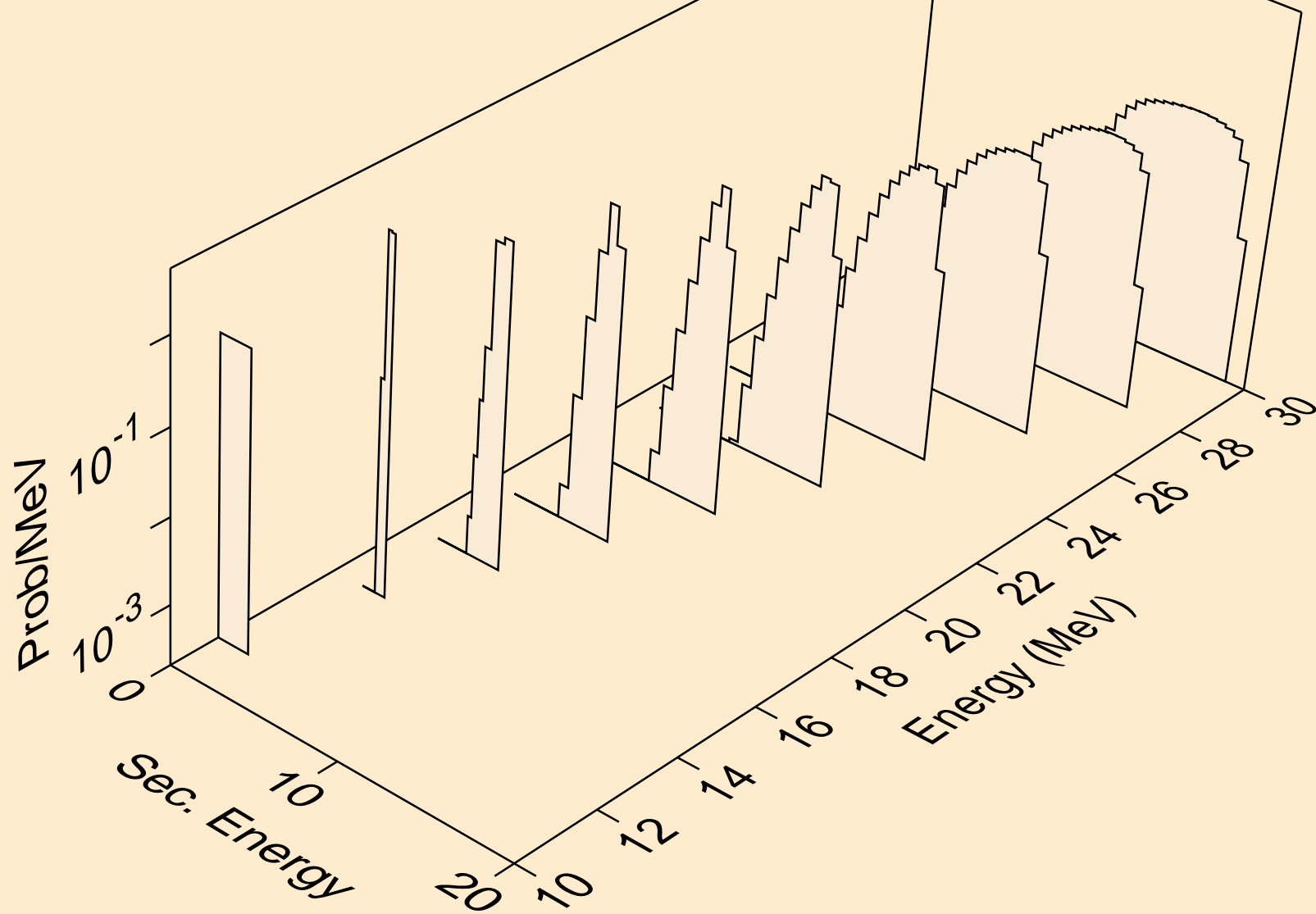
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deuterons from (n,d)



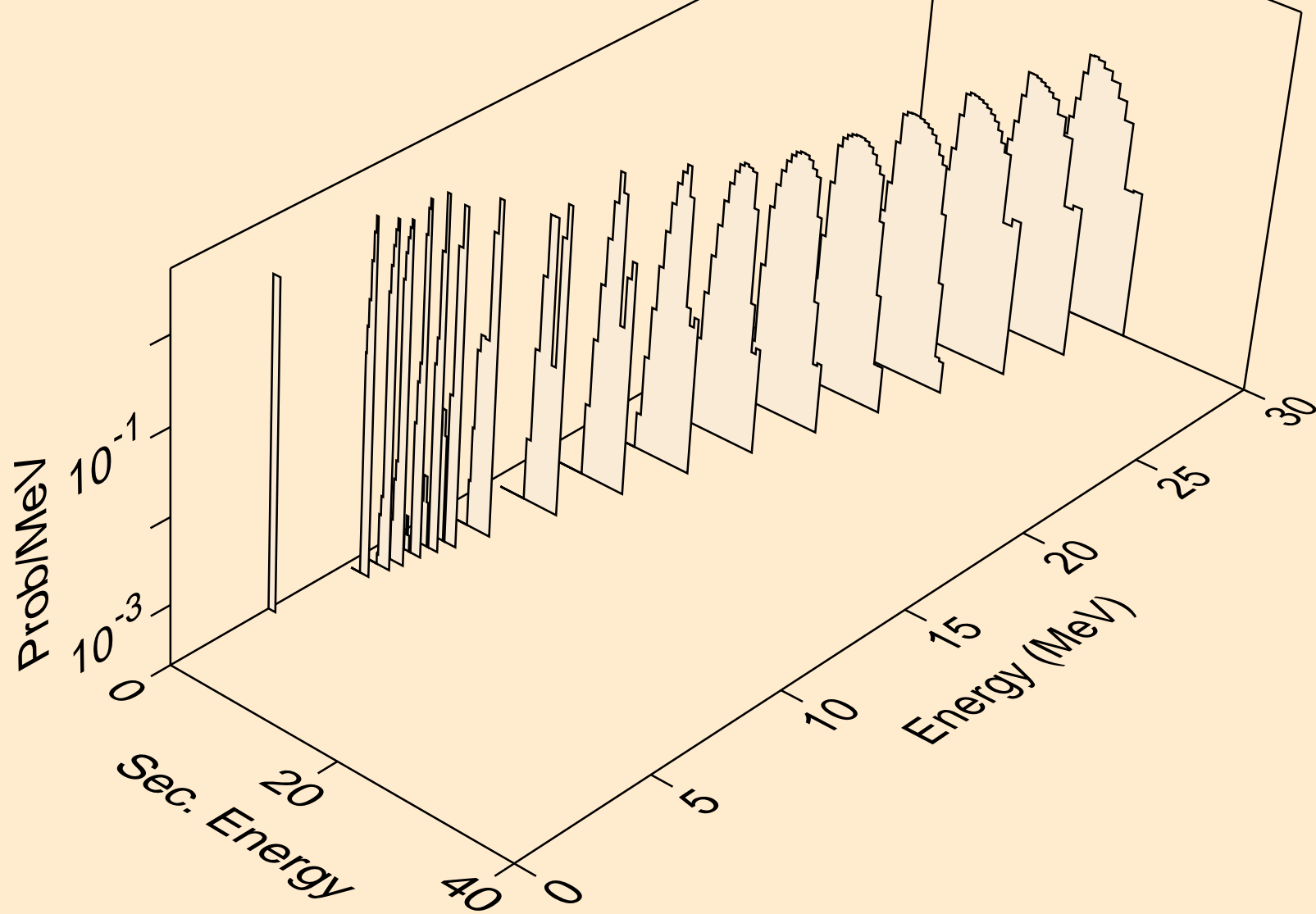
IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,x)



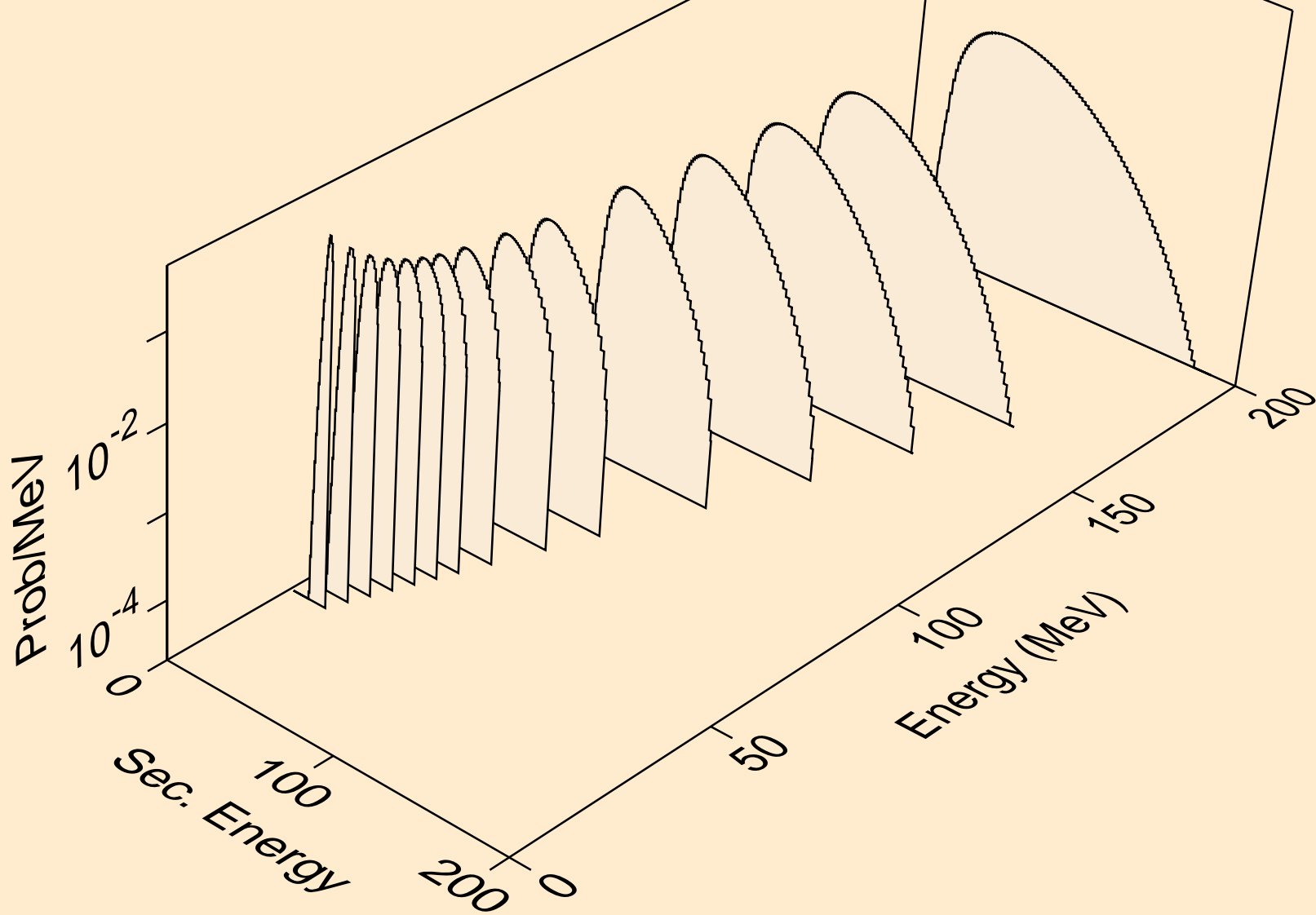
IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,n\*)t



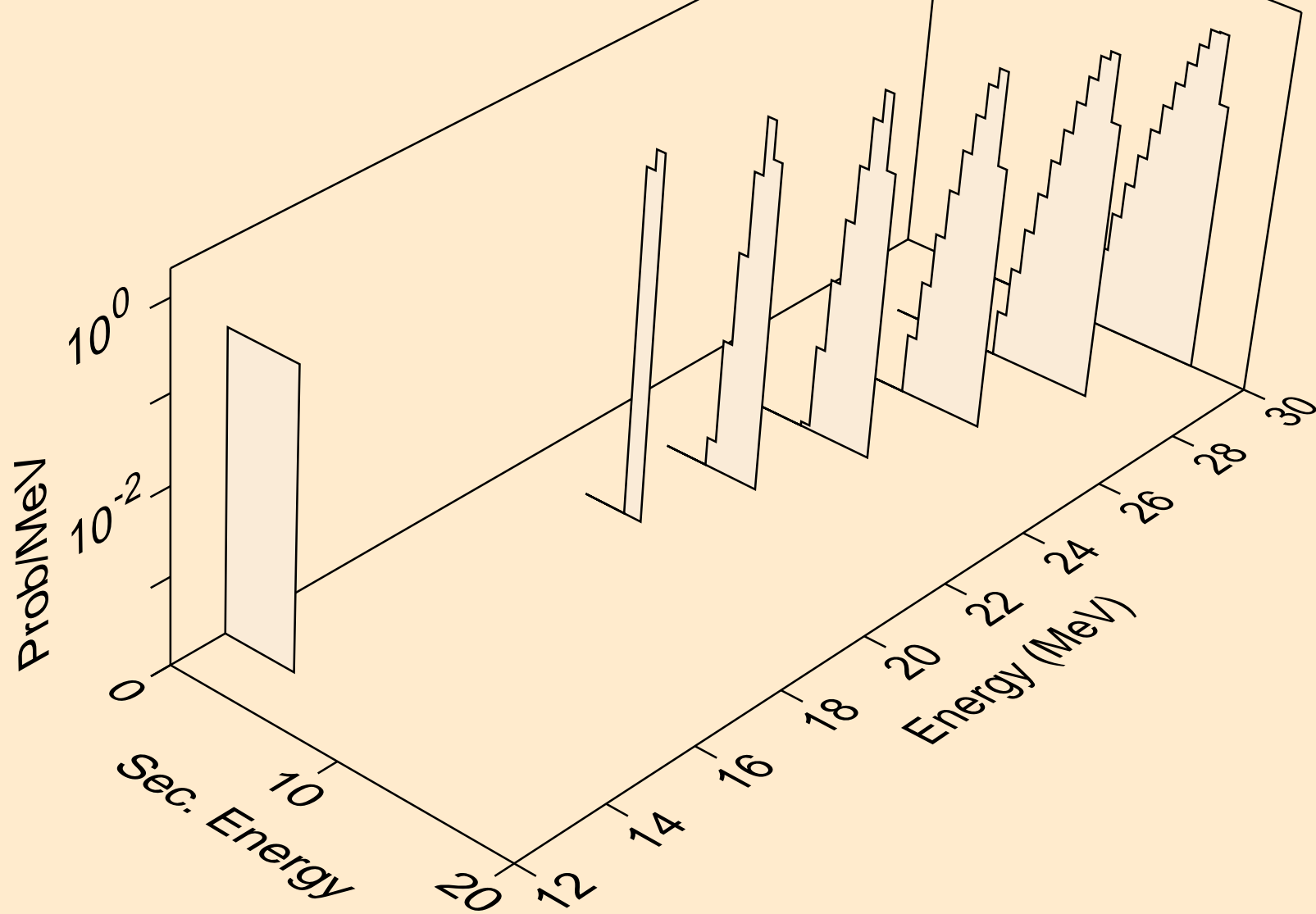
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tritons from (n,t)



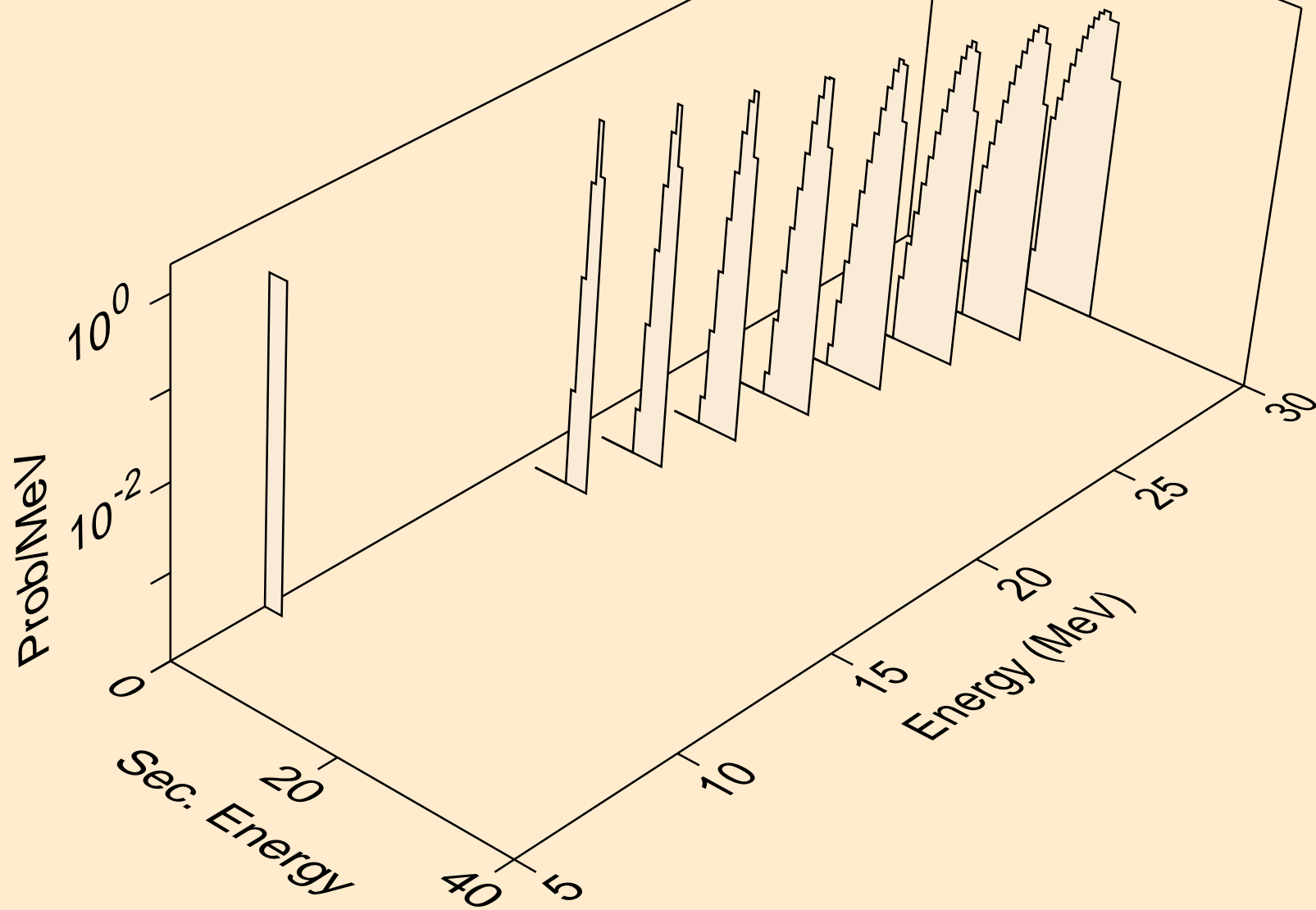
IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,x)



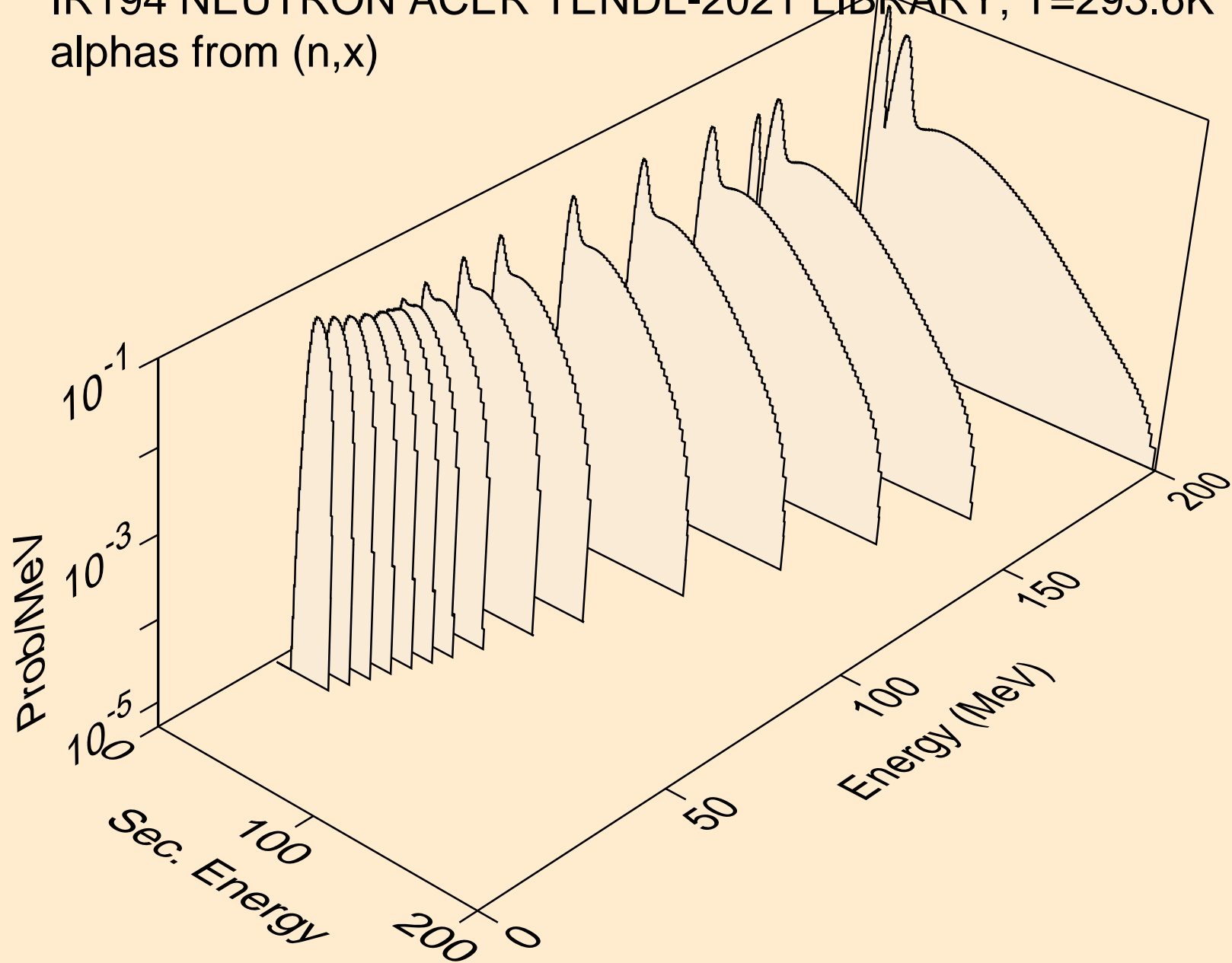
IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,n\*)he3



IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,he3)

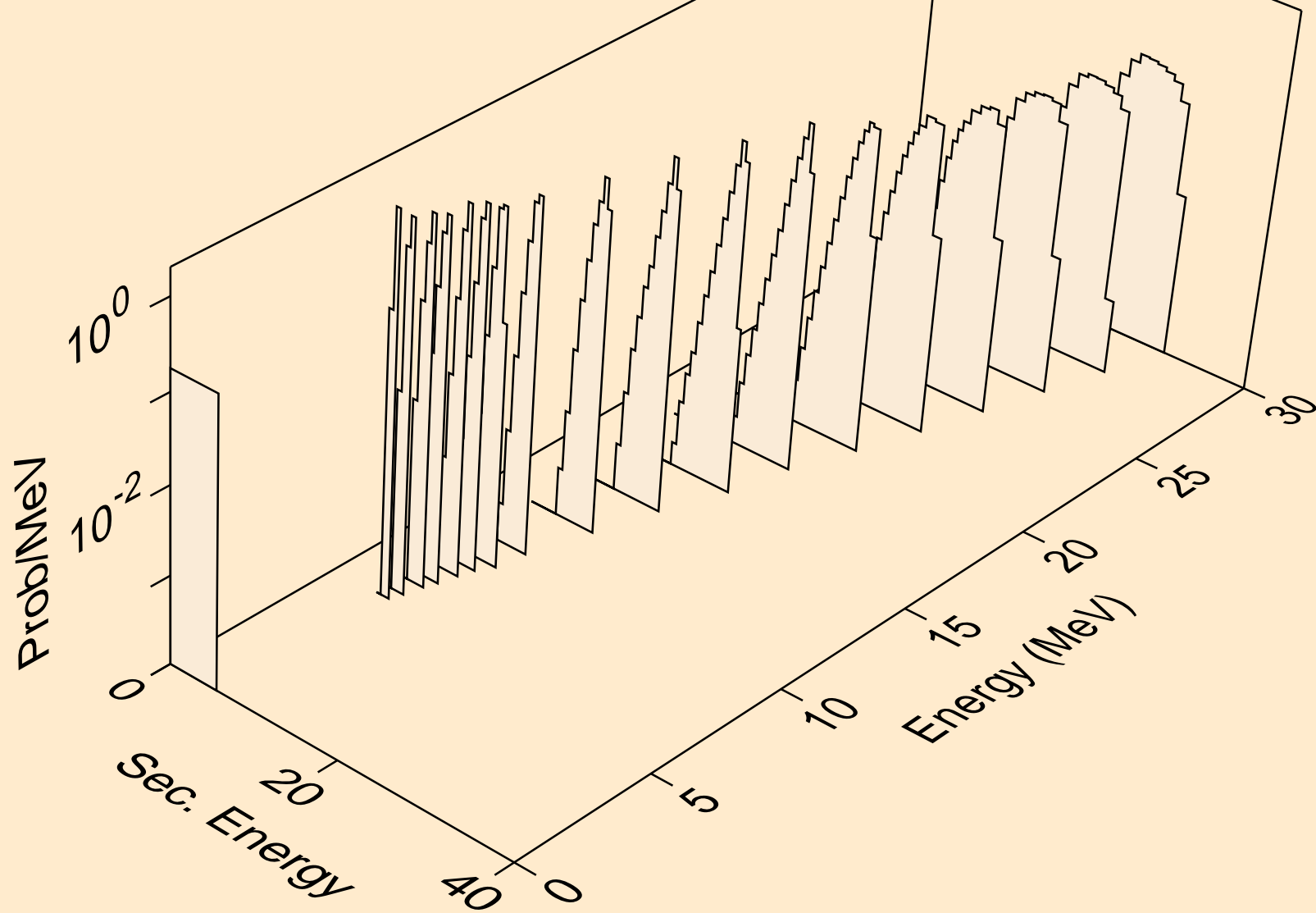


IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,x)

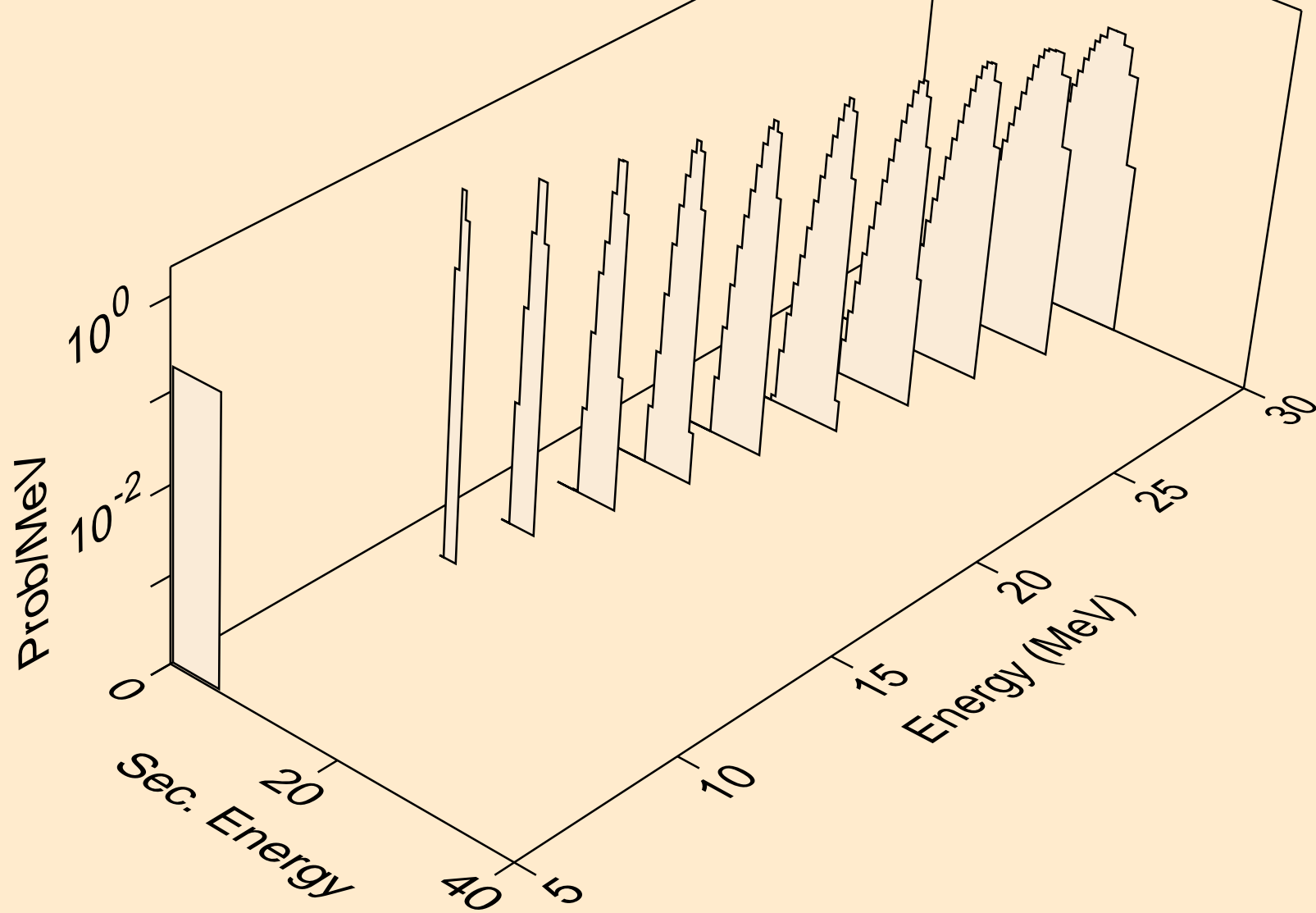




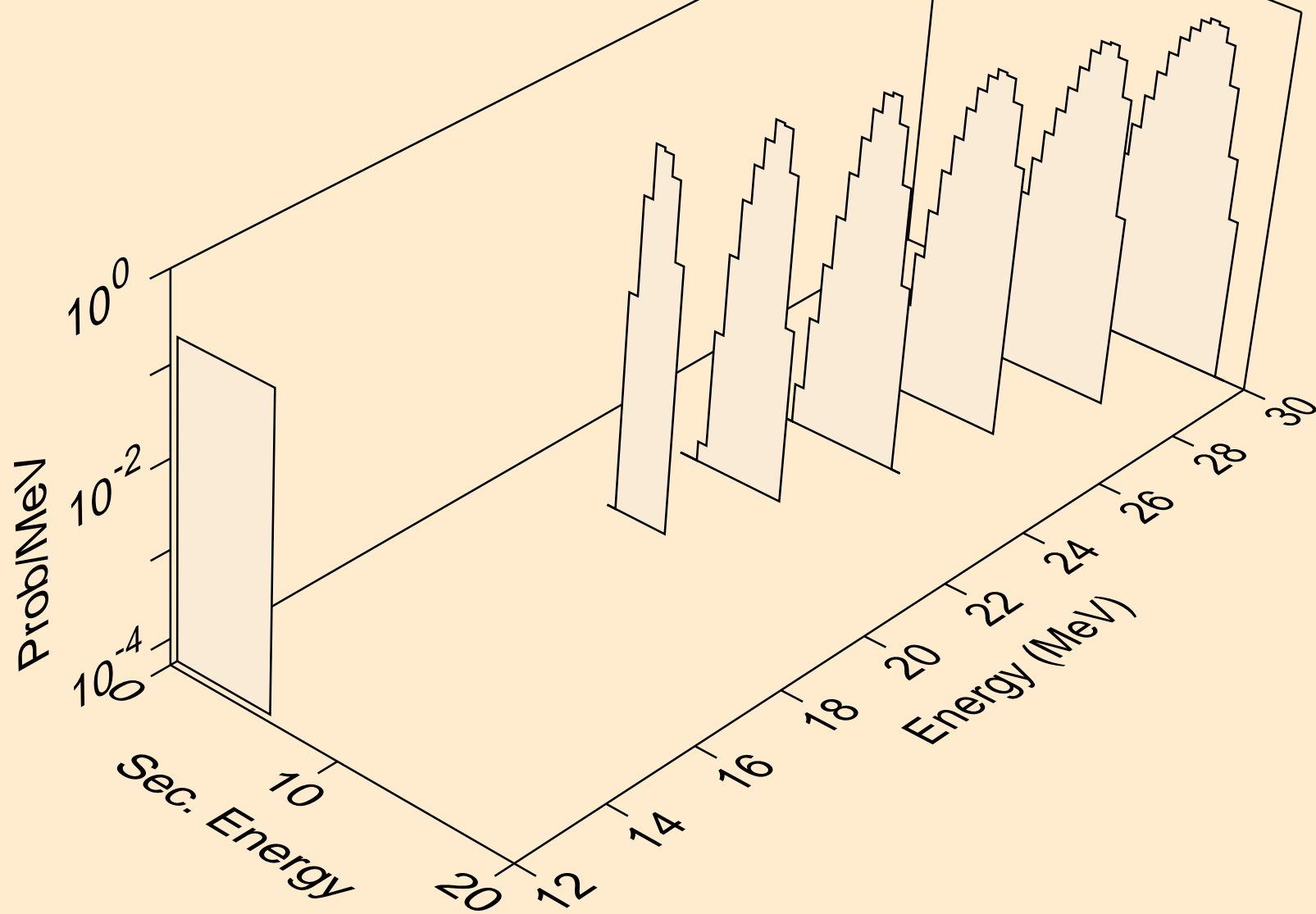
IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)a



IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)a



IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3n)a



IR194 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)

