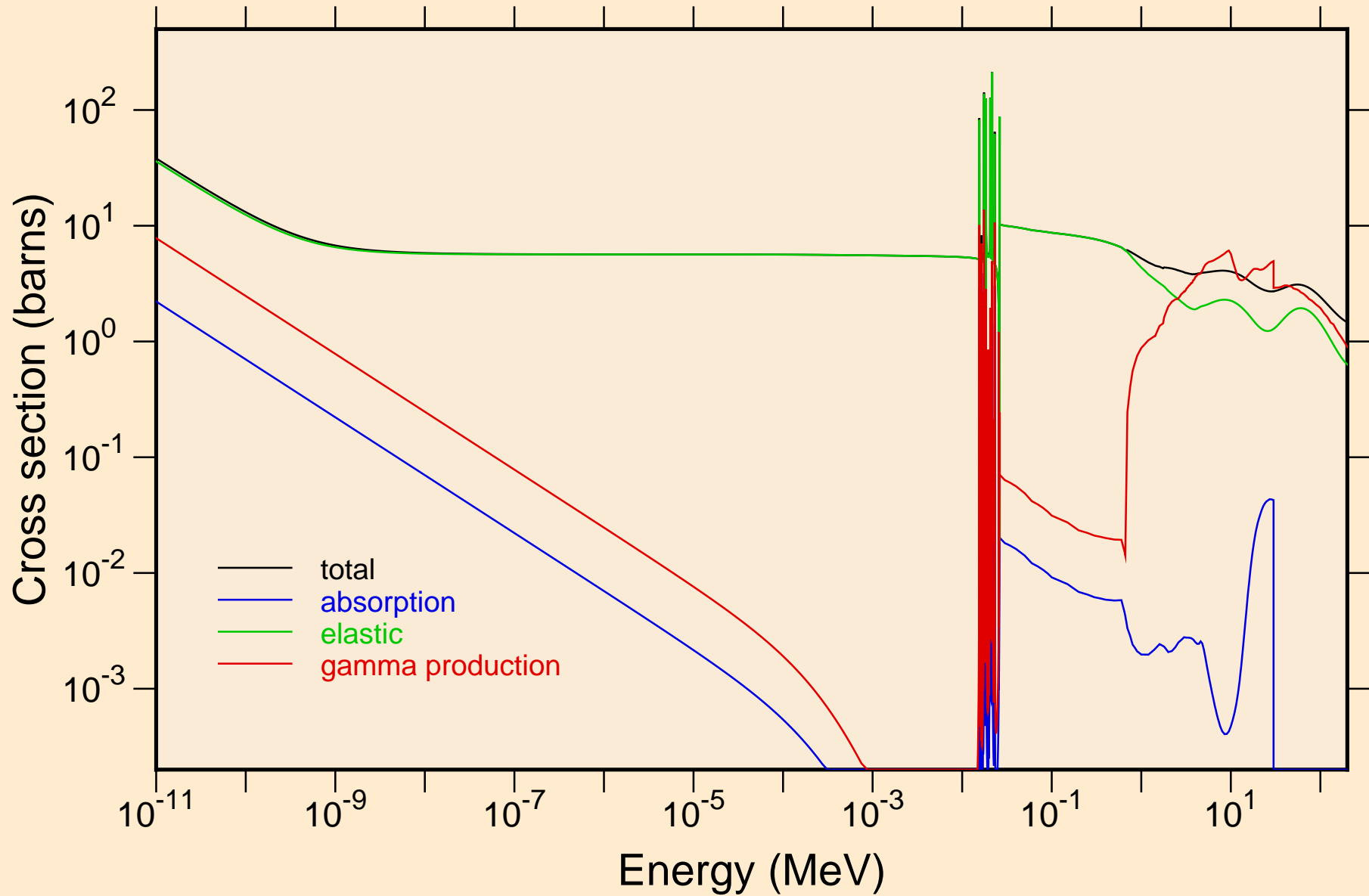
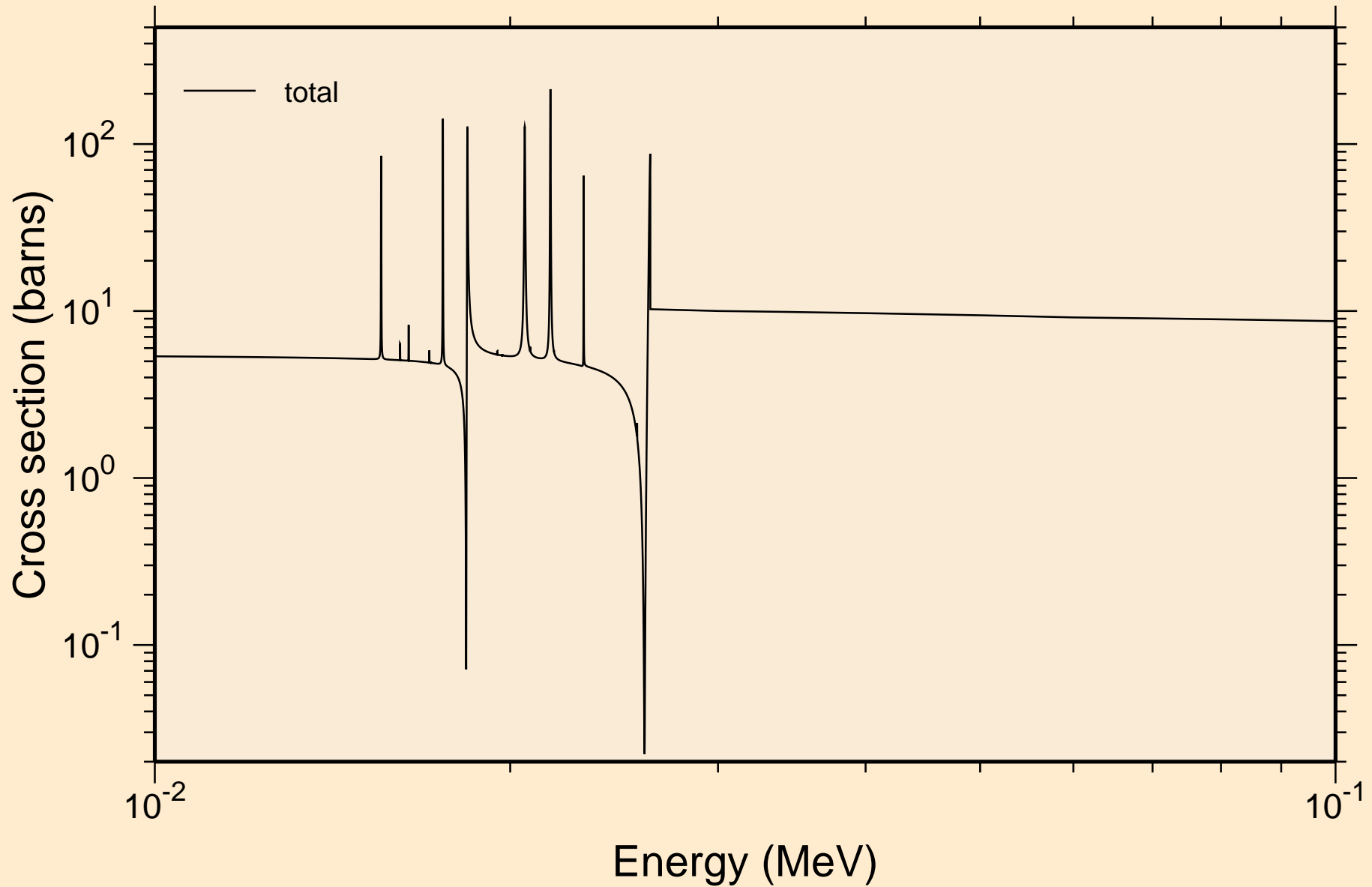


# SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

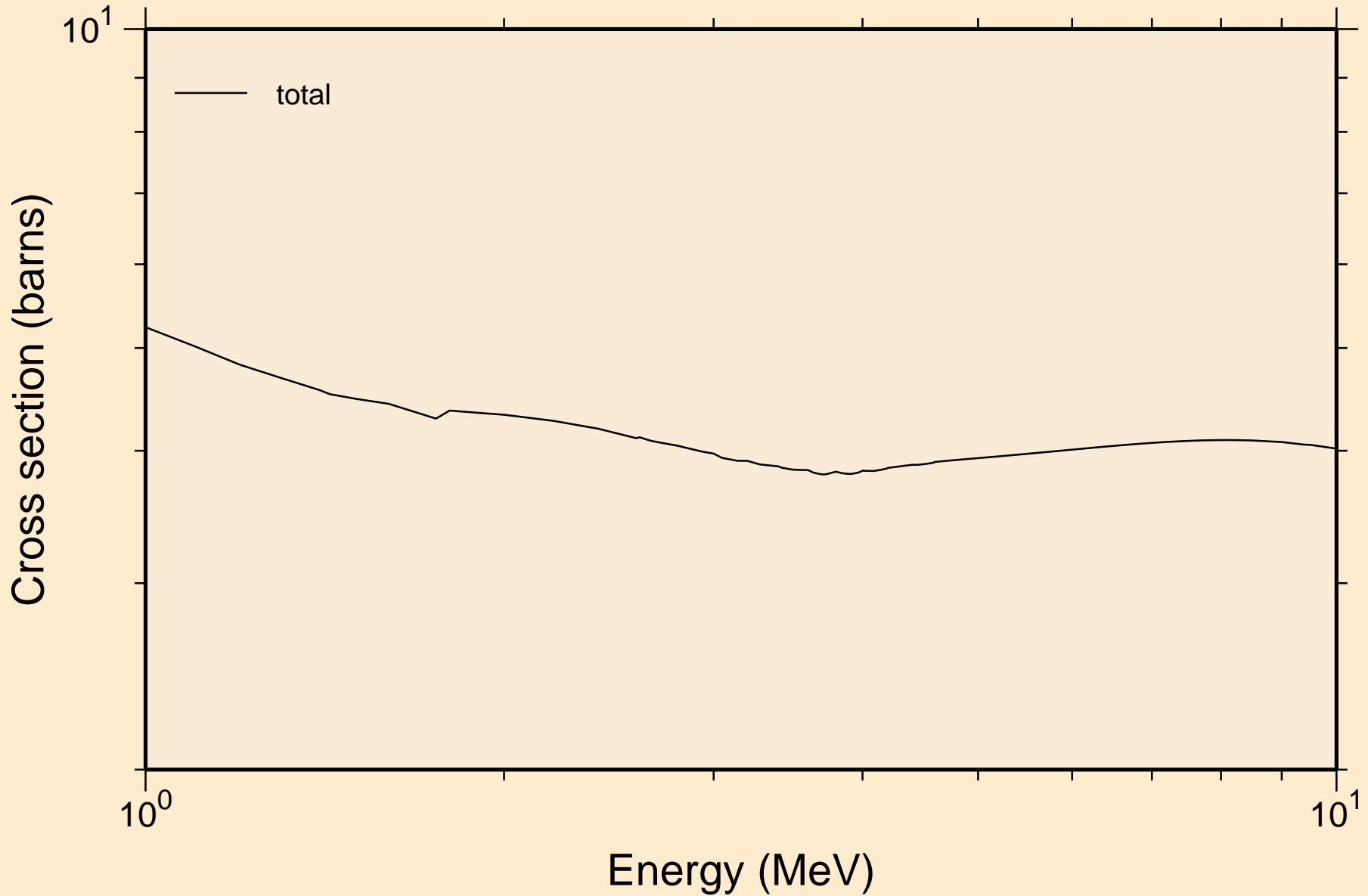
## Principal cross sections



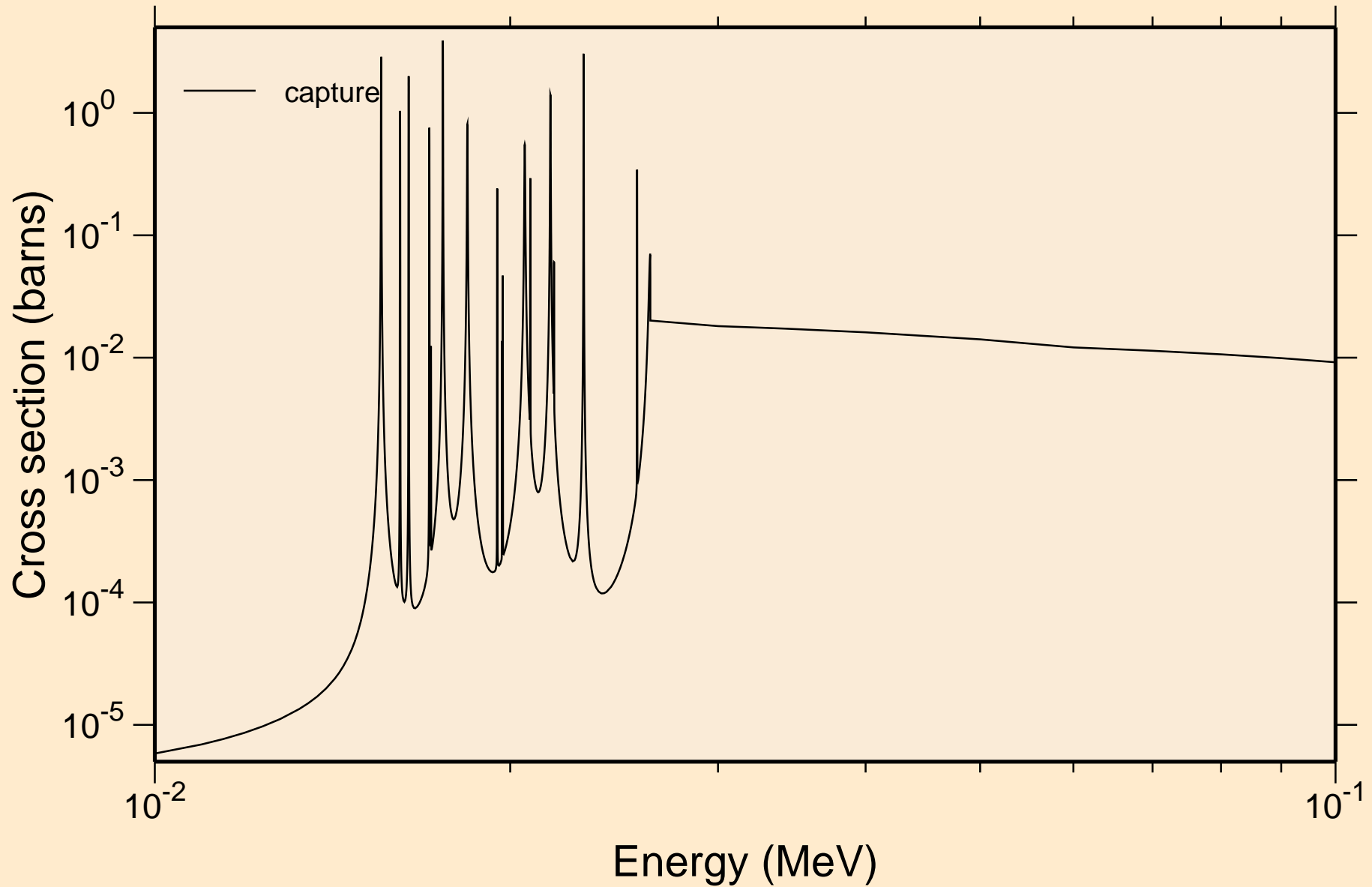
SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



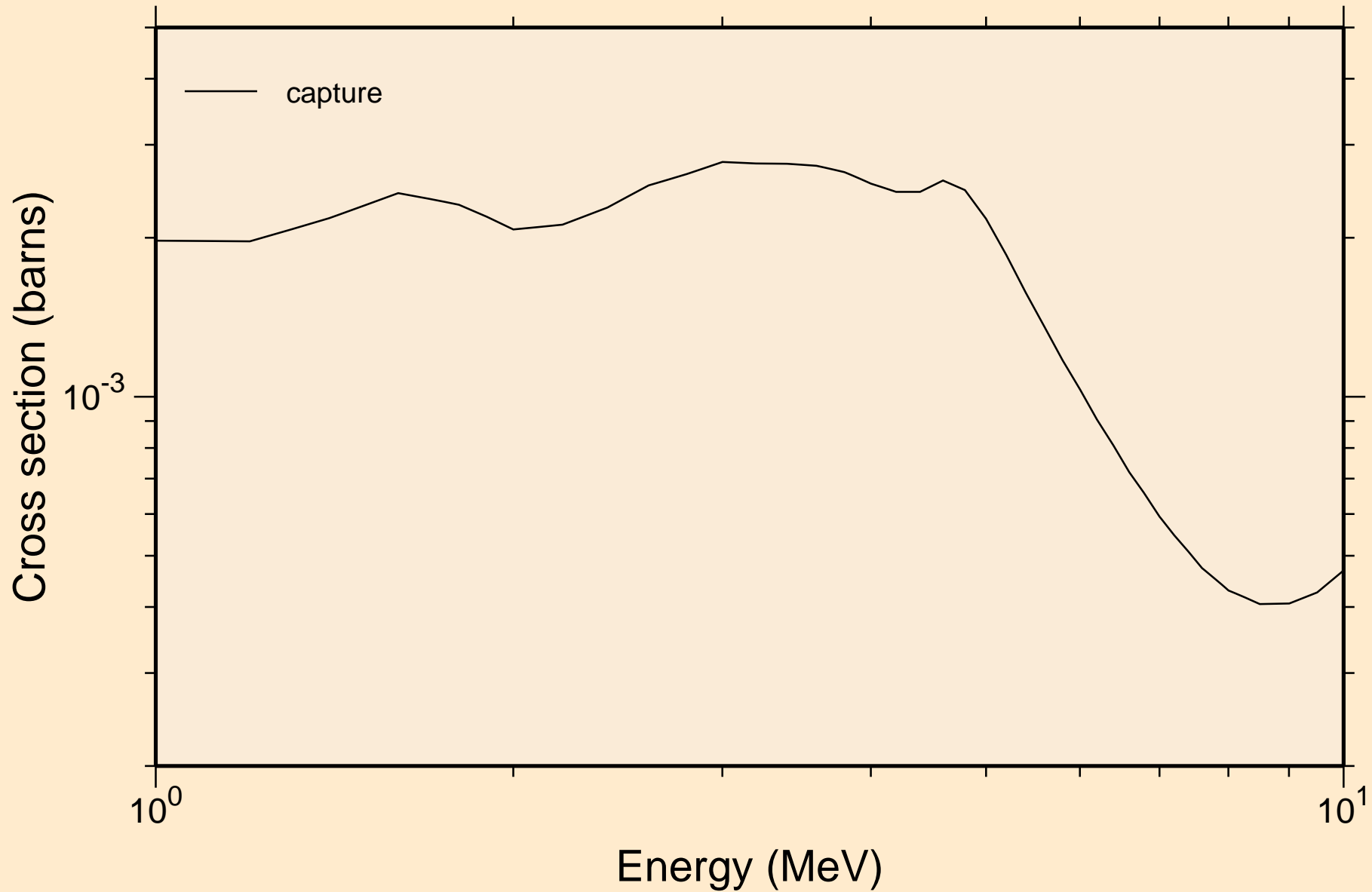
SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



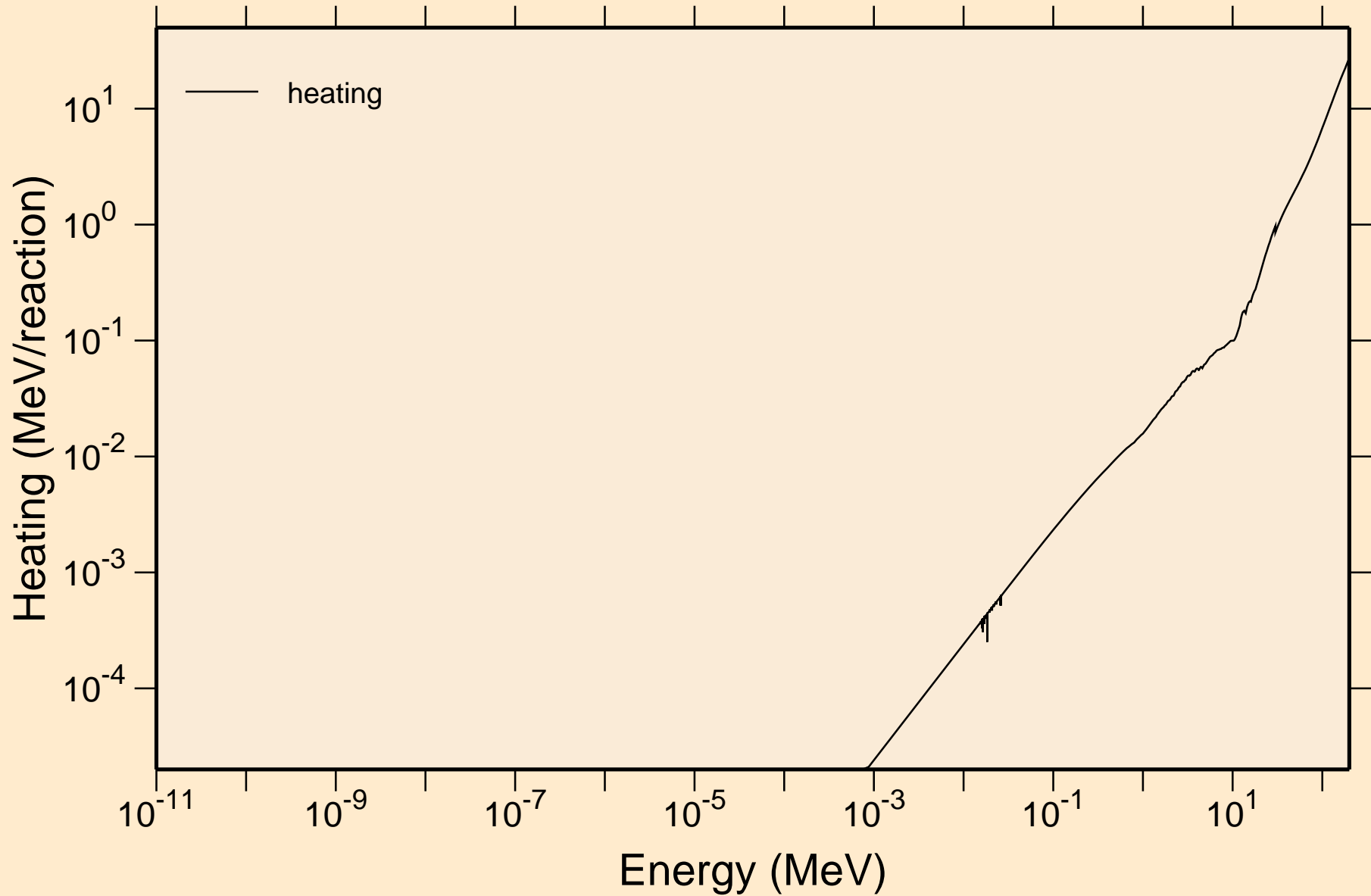
SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



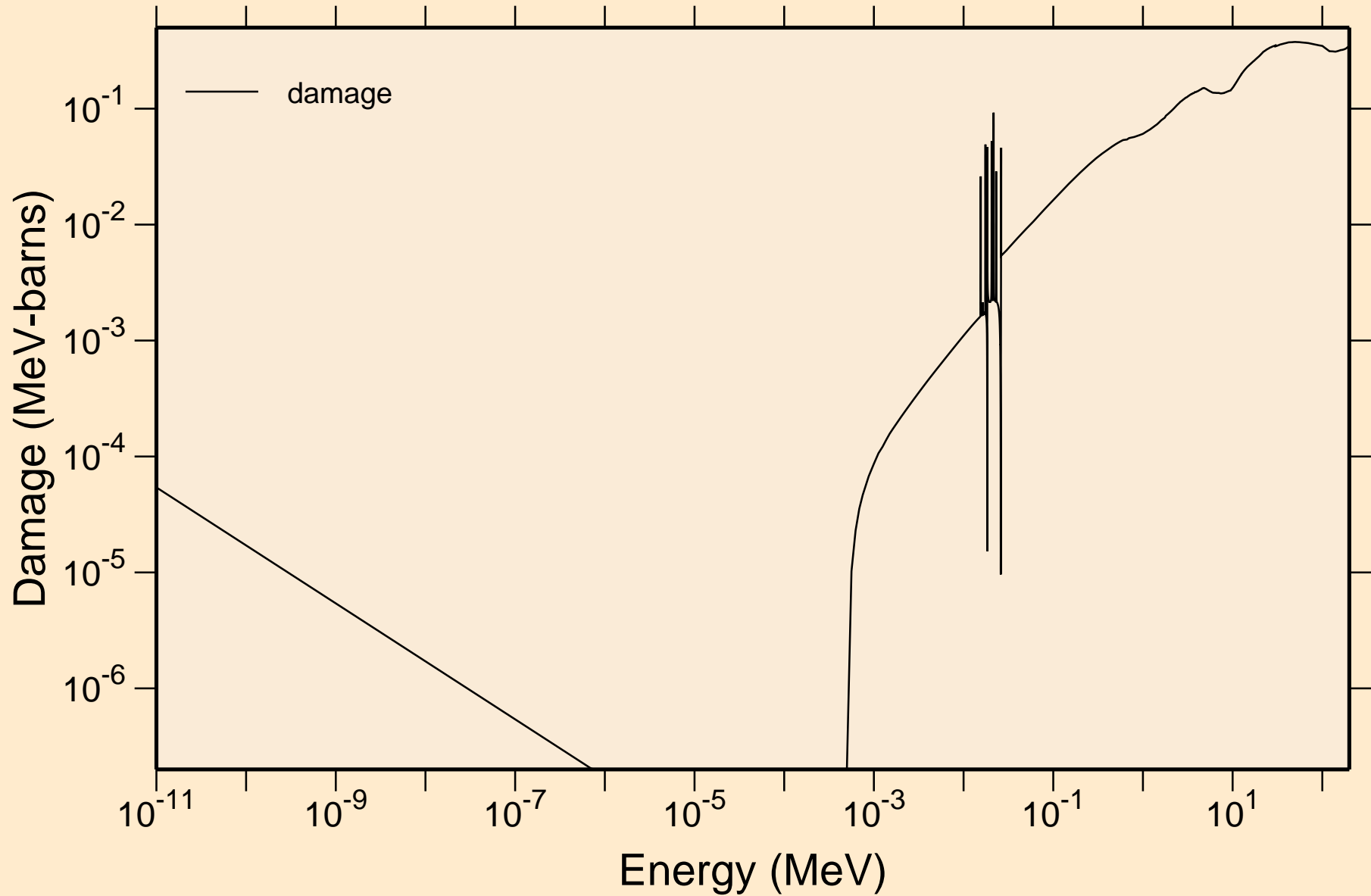
SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



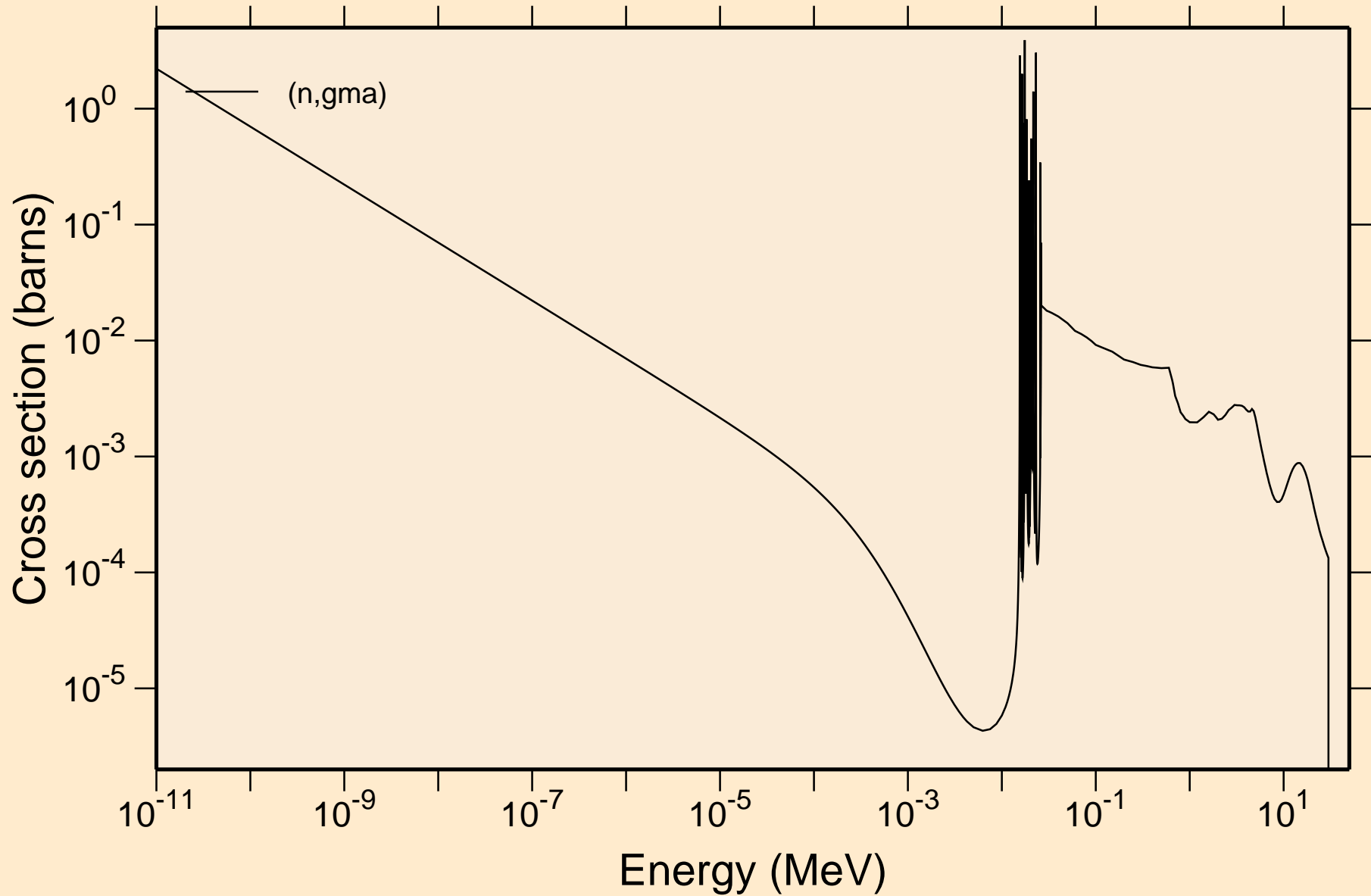
SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage

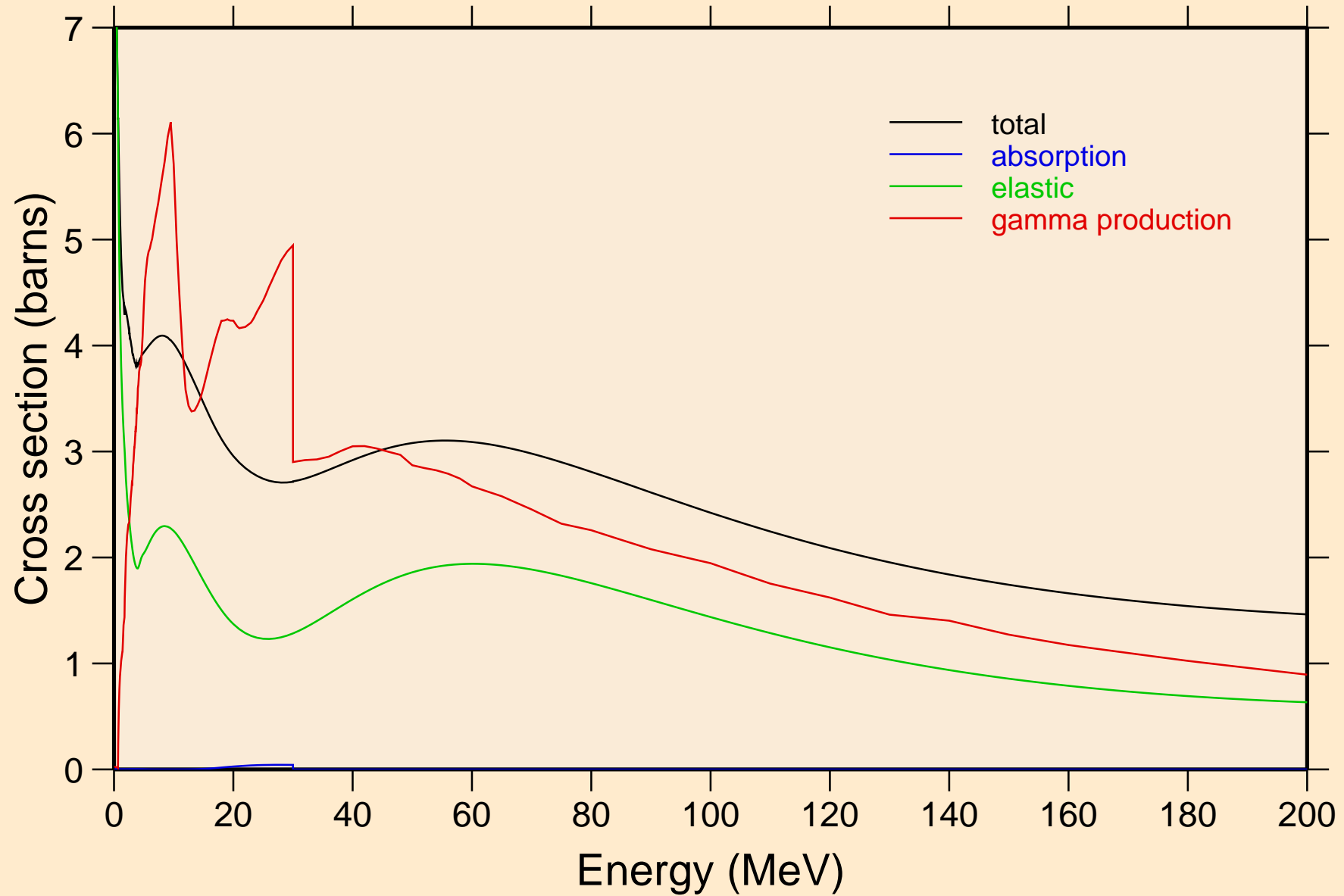


SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



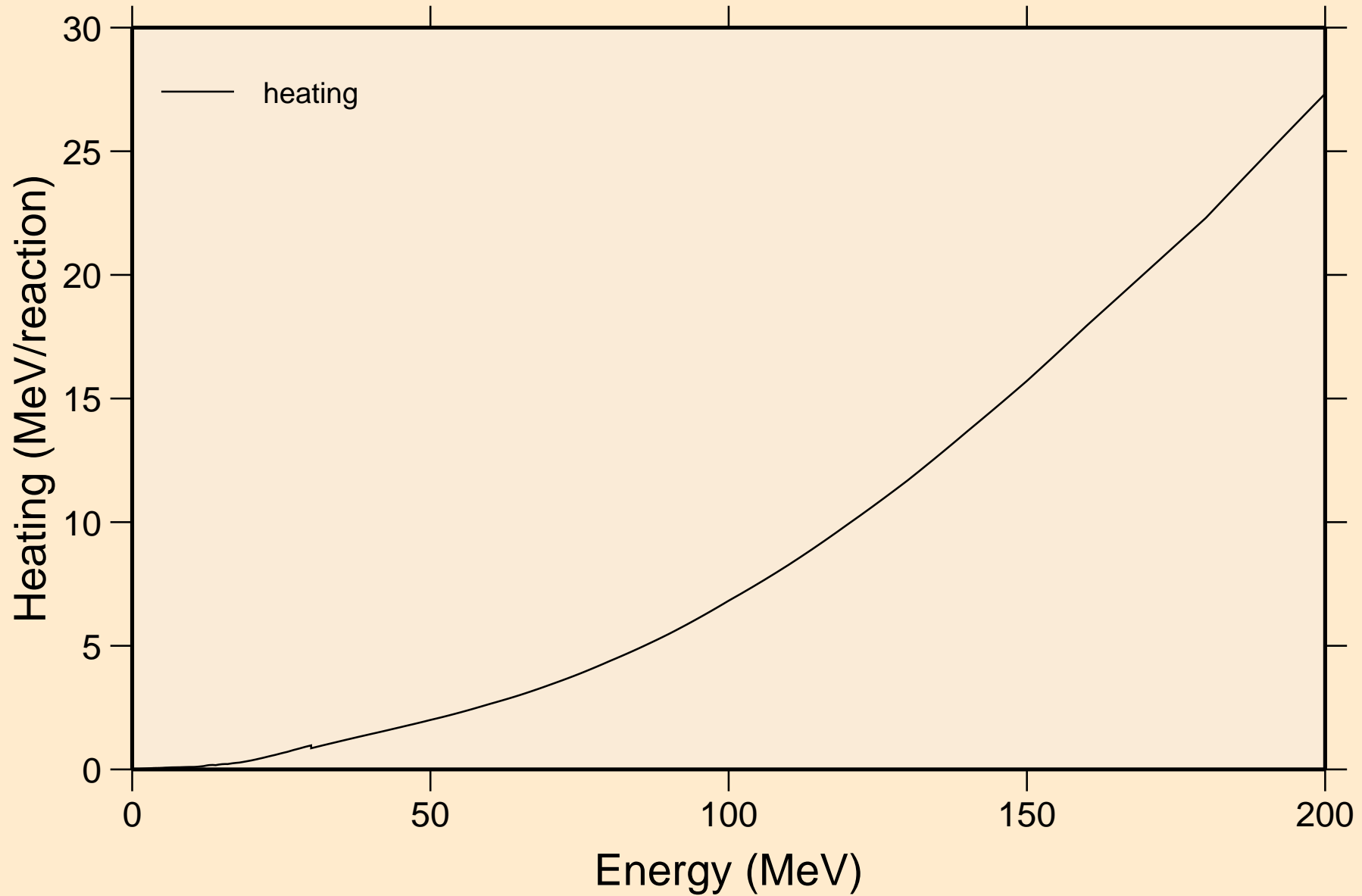


SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Principal cross sections

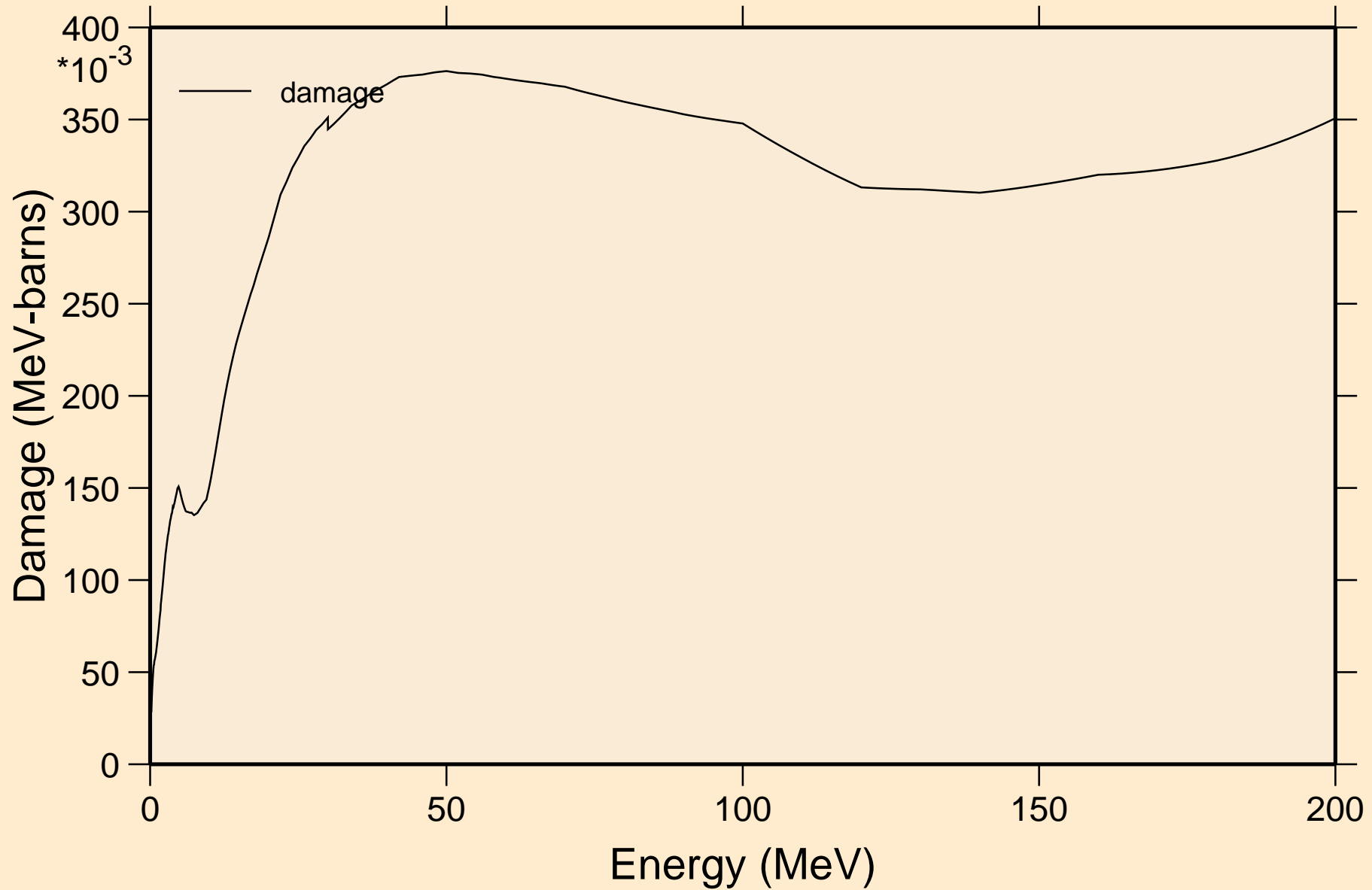


# SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

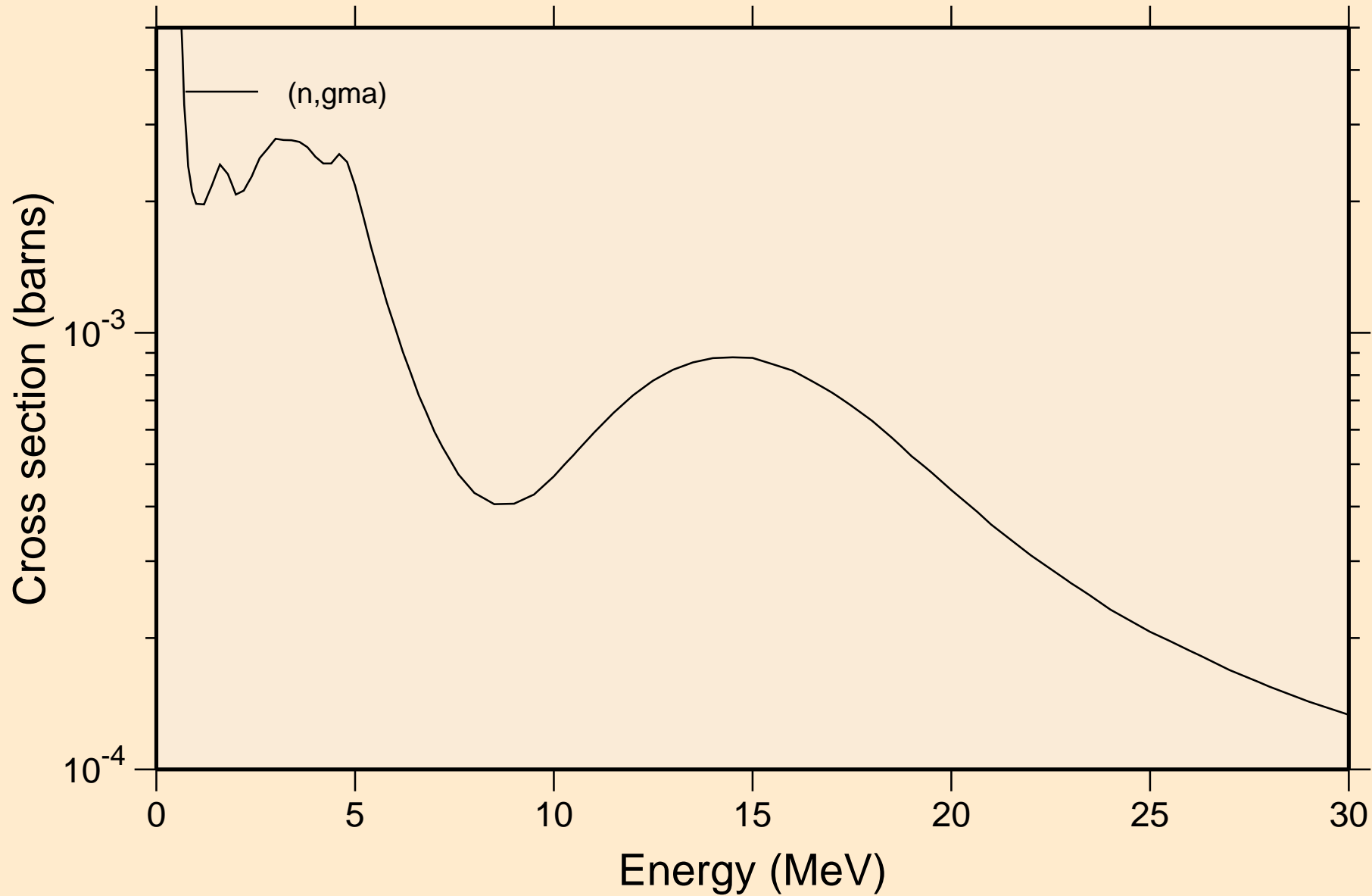
## Heating



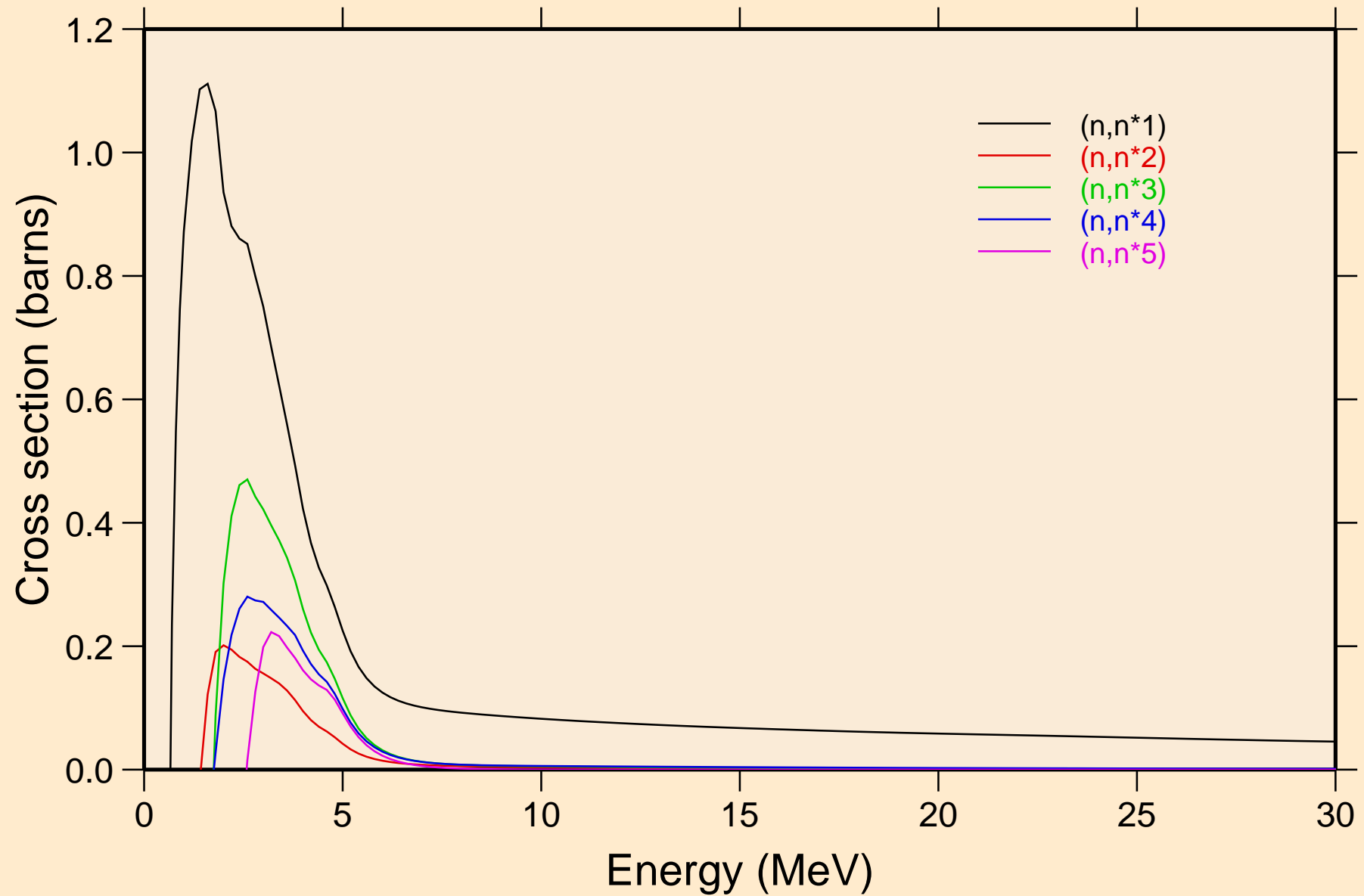
SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage



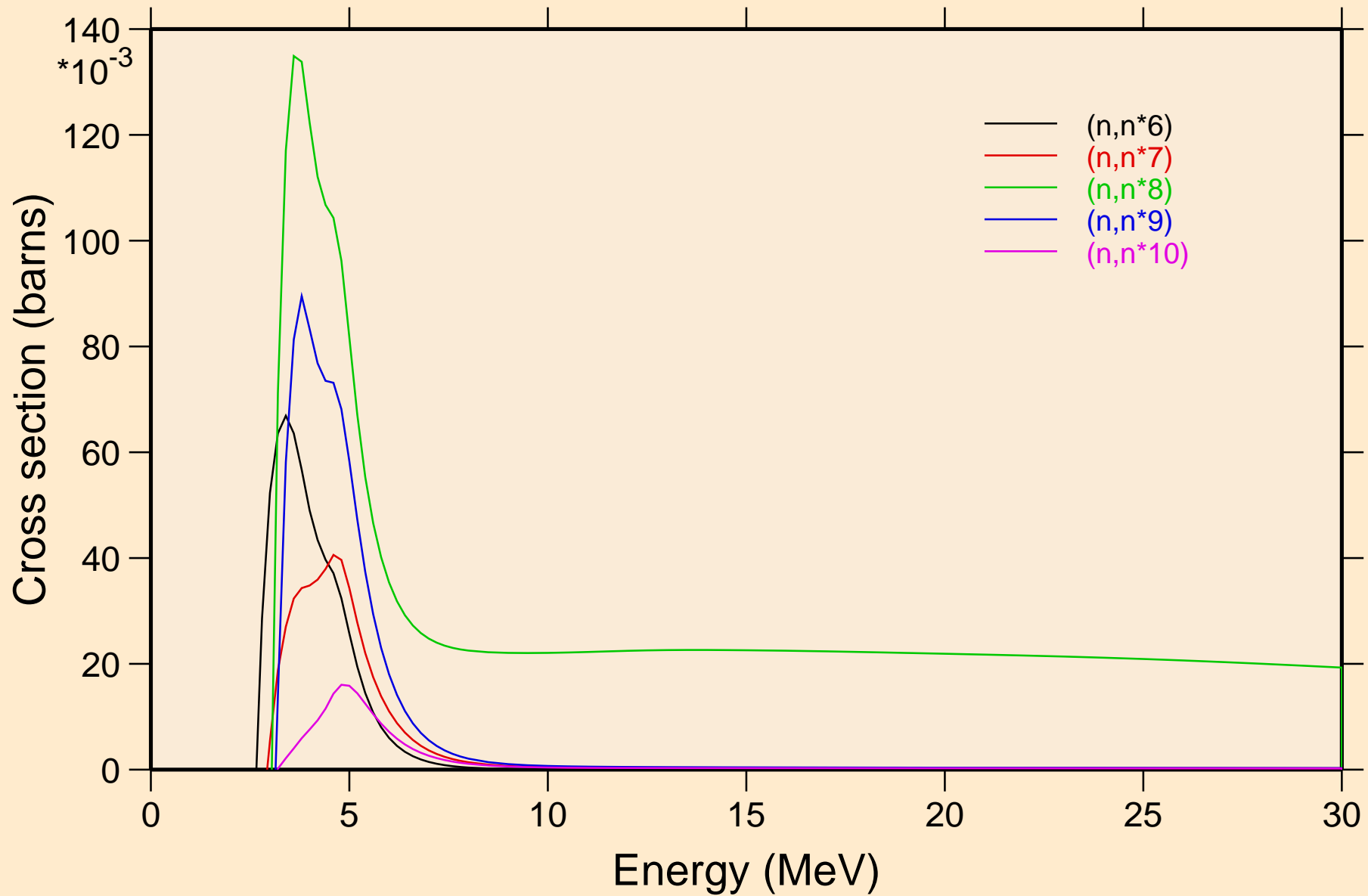
SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



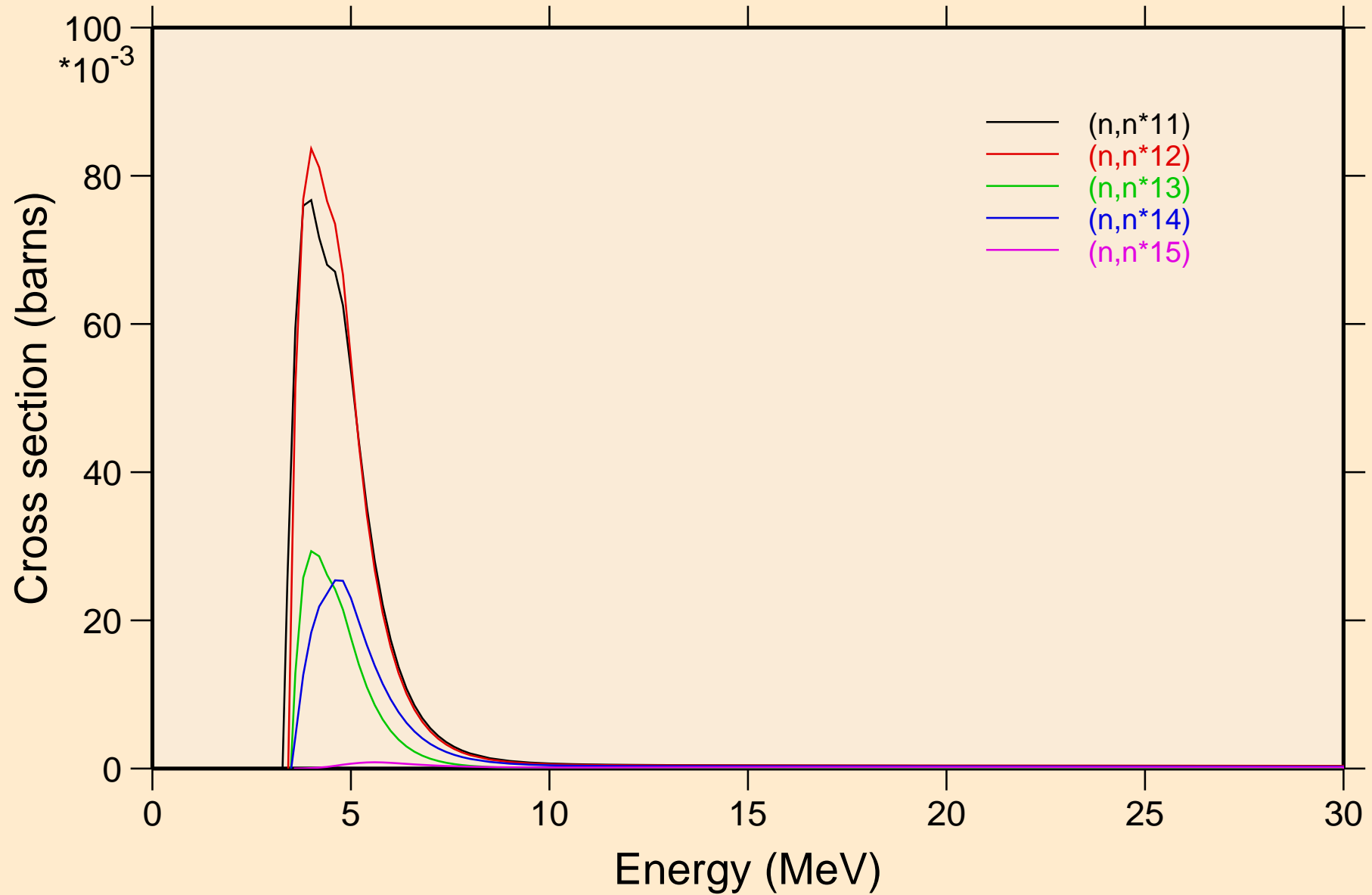
SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



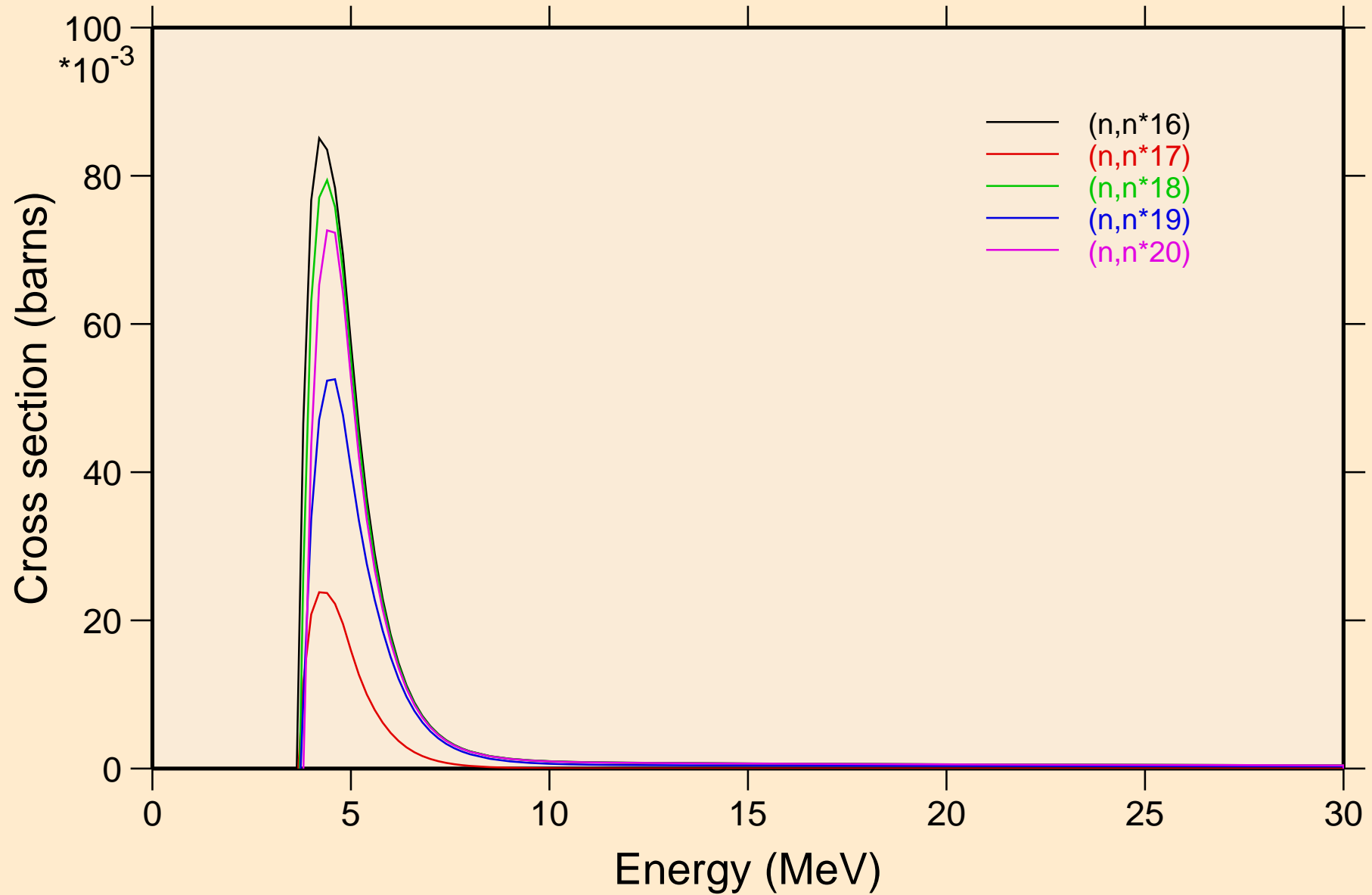
SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

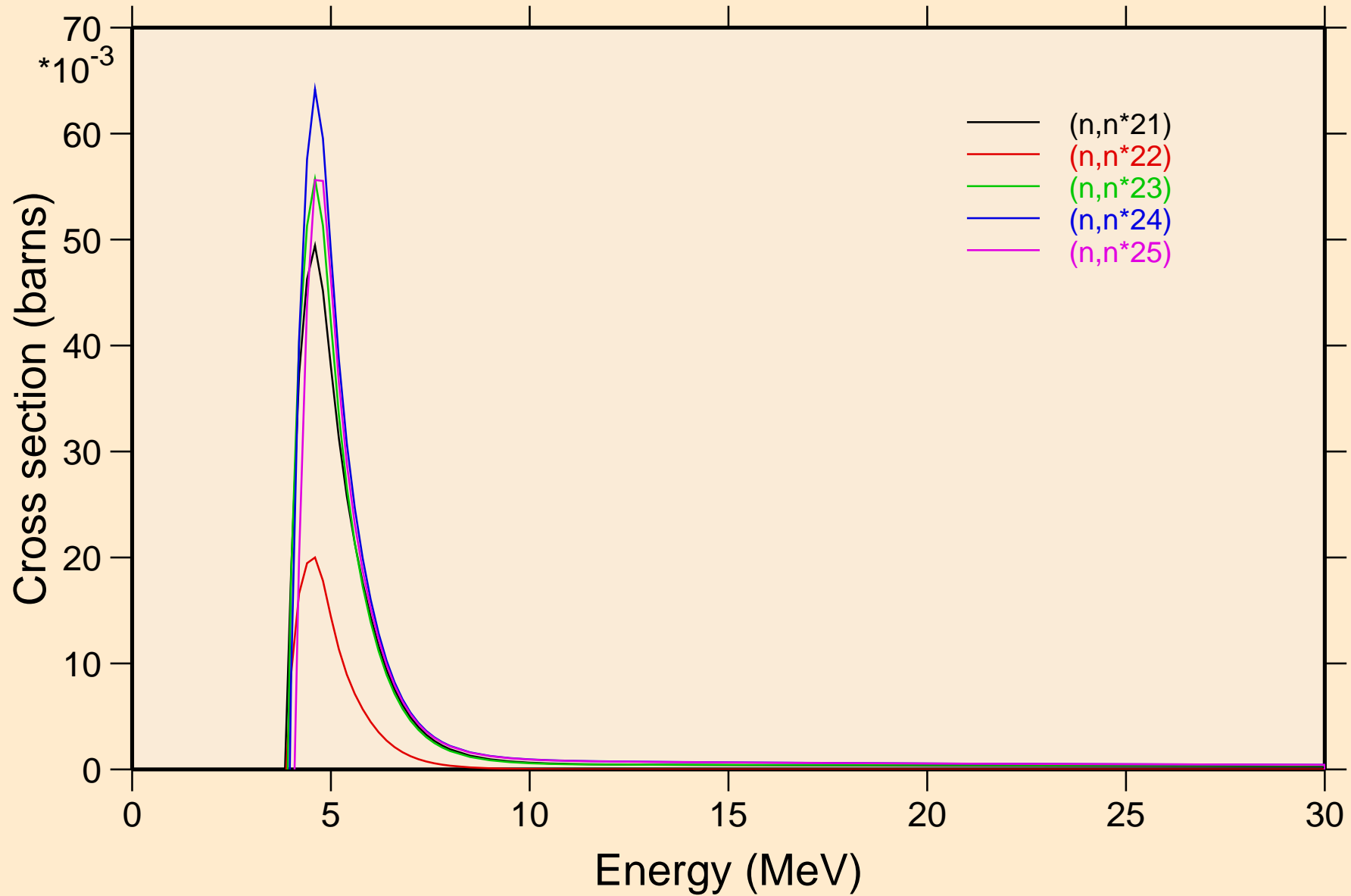


SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

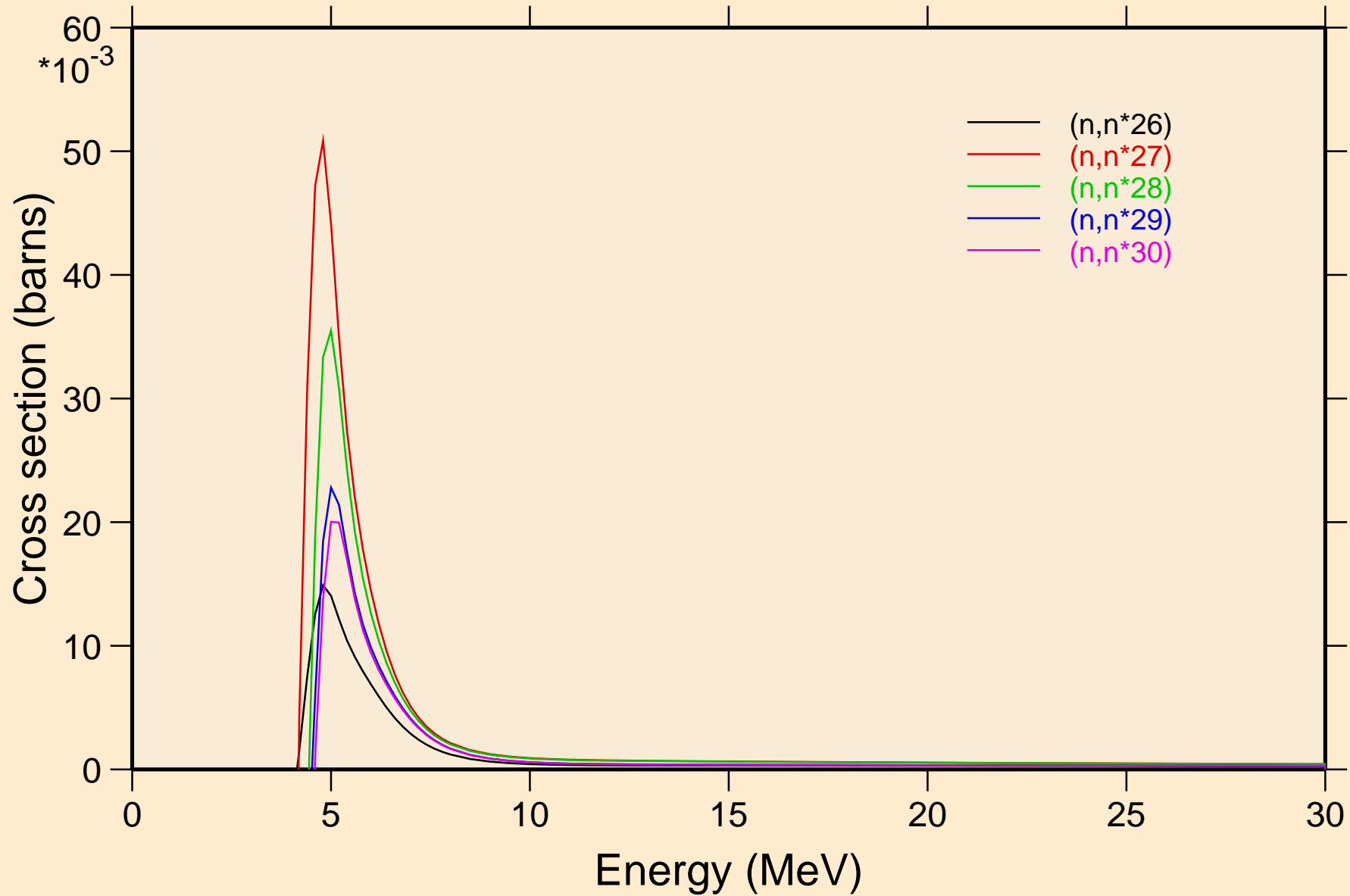




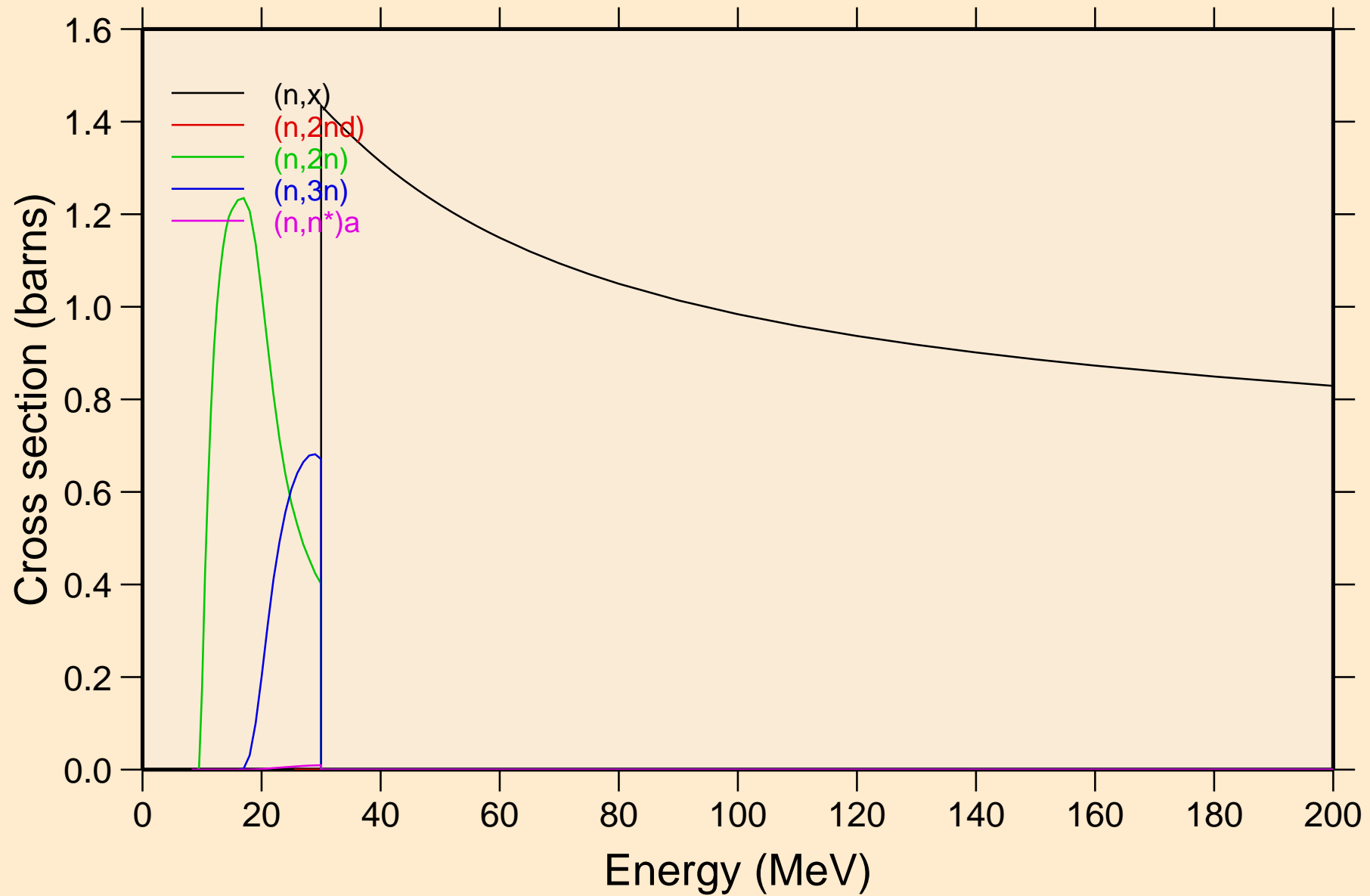
SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

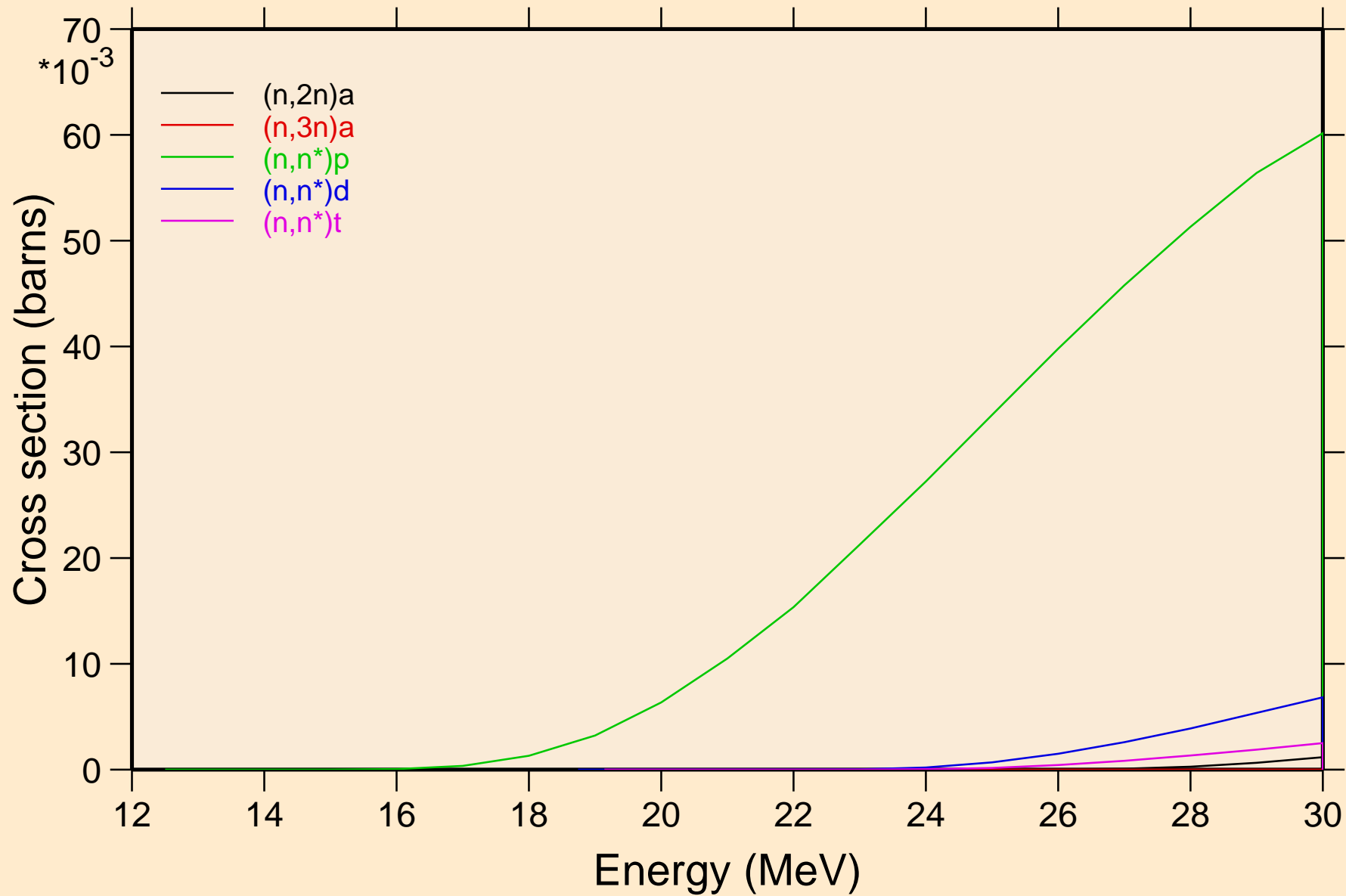


SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

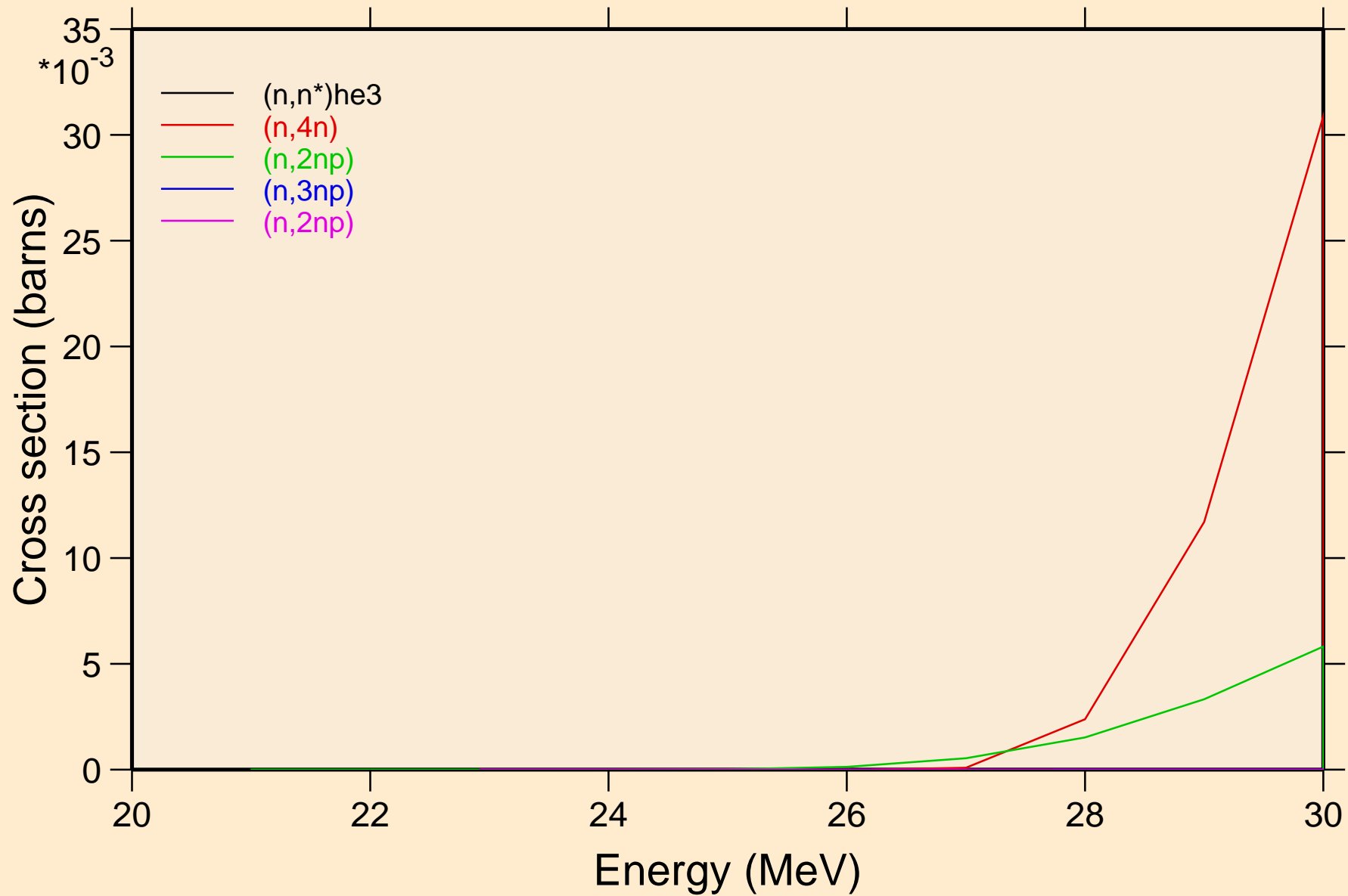


# SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

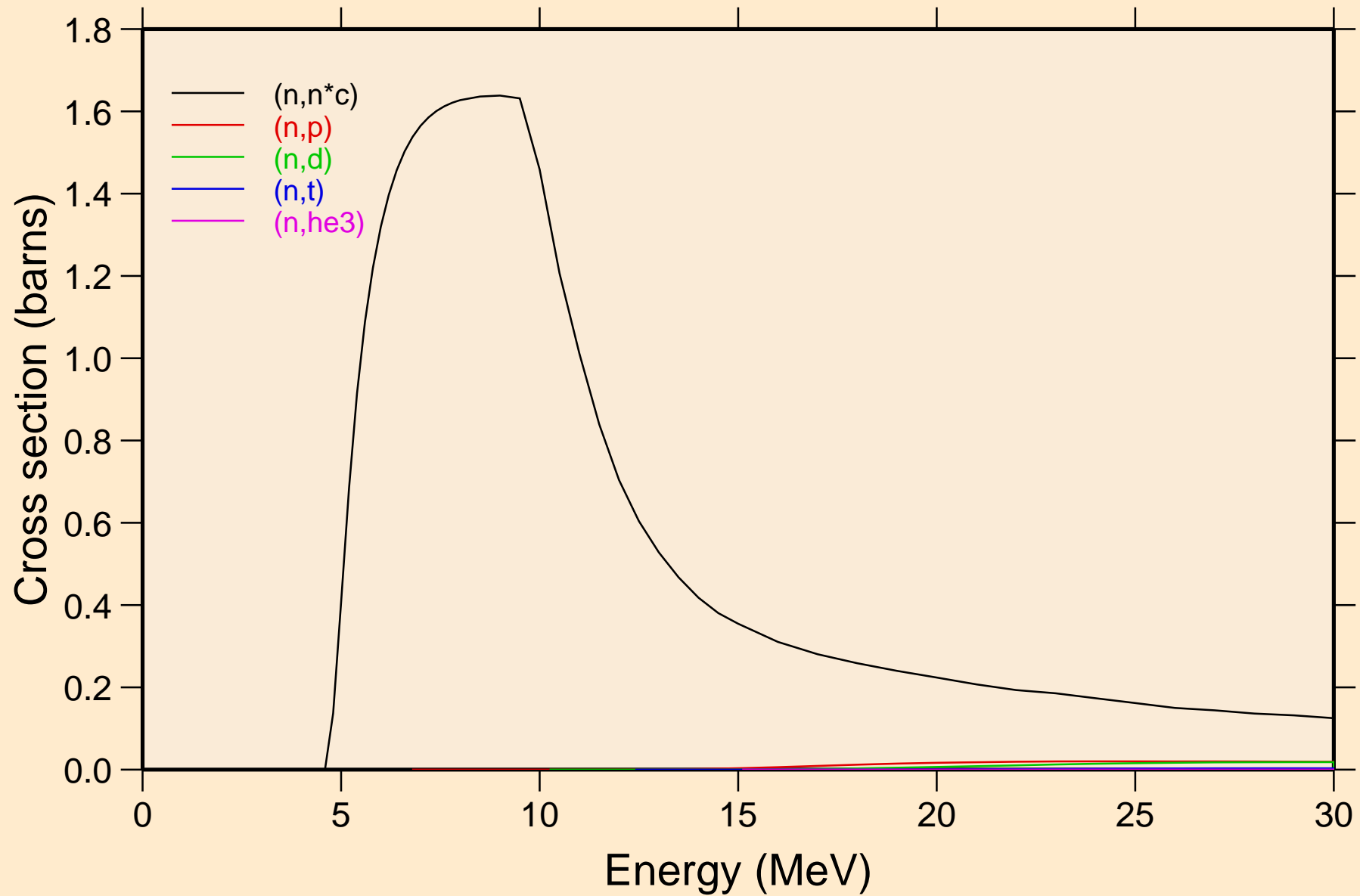
## Threshold reactions



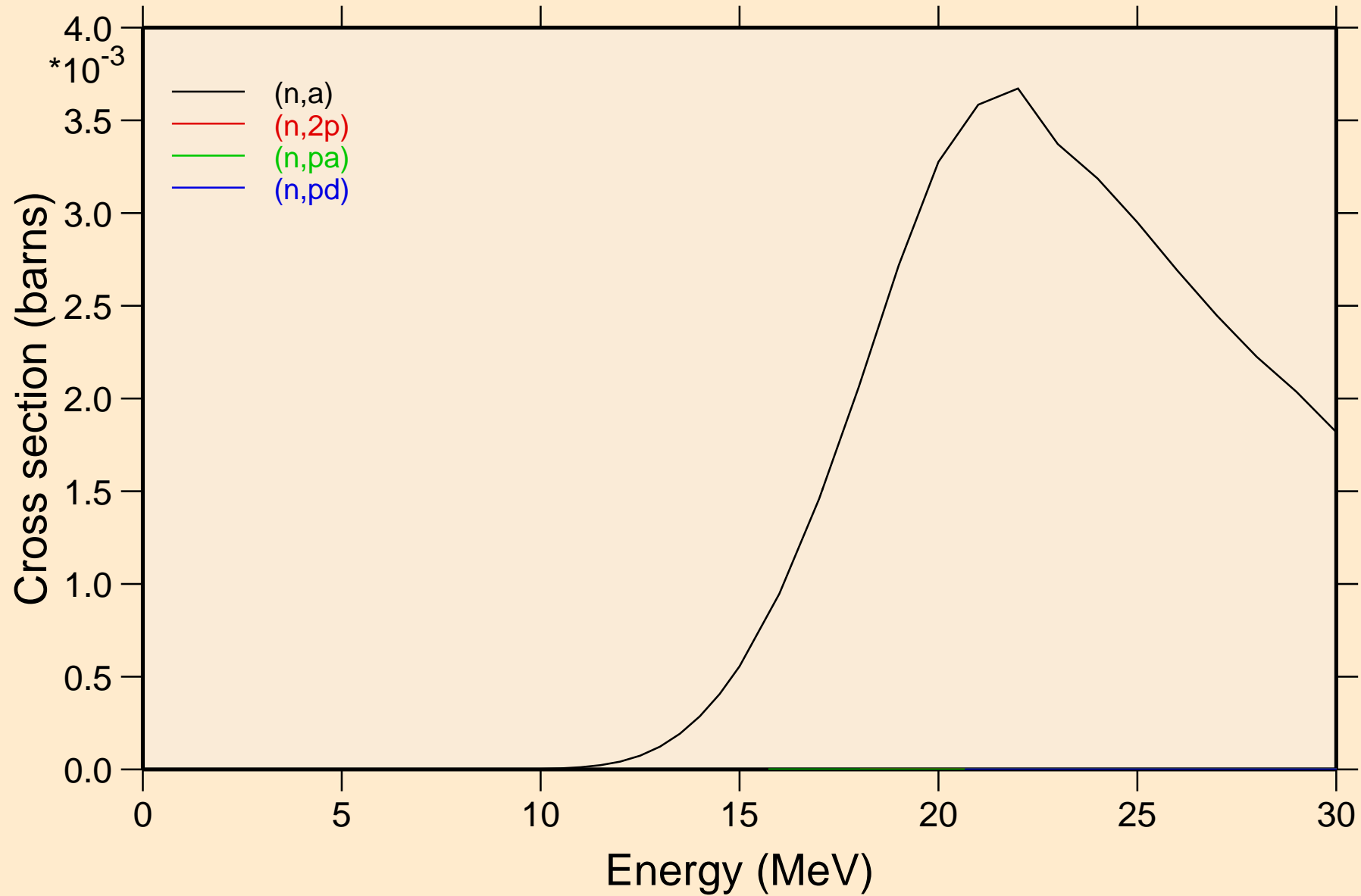
SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



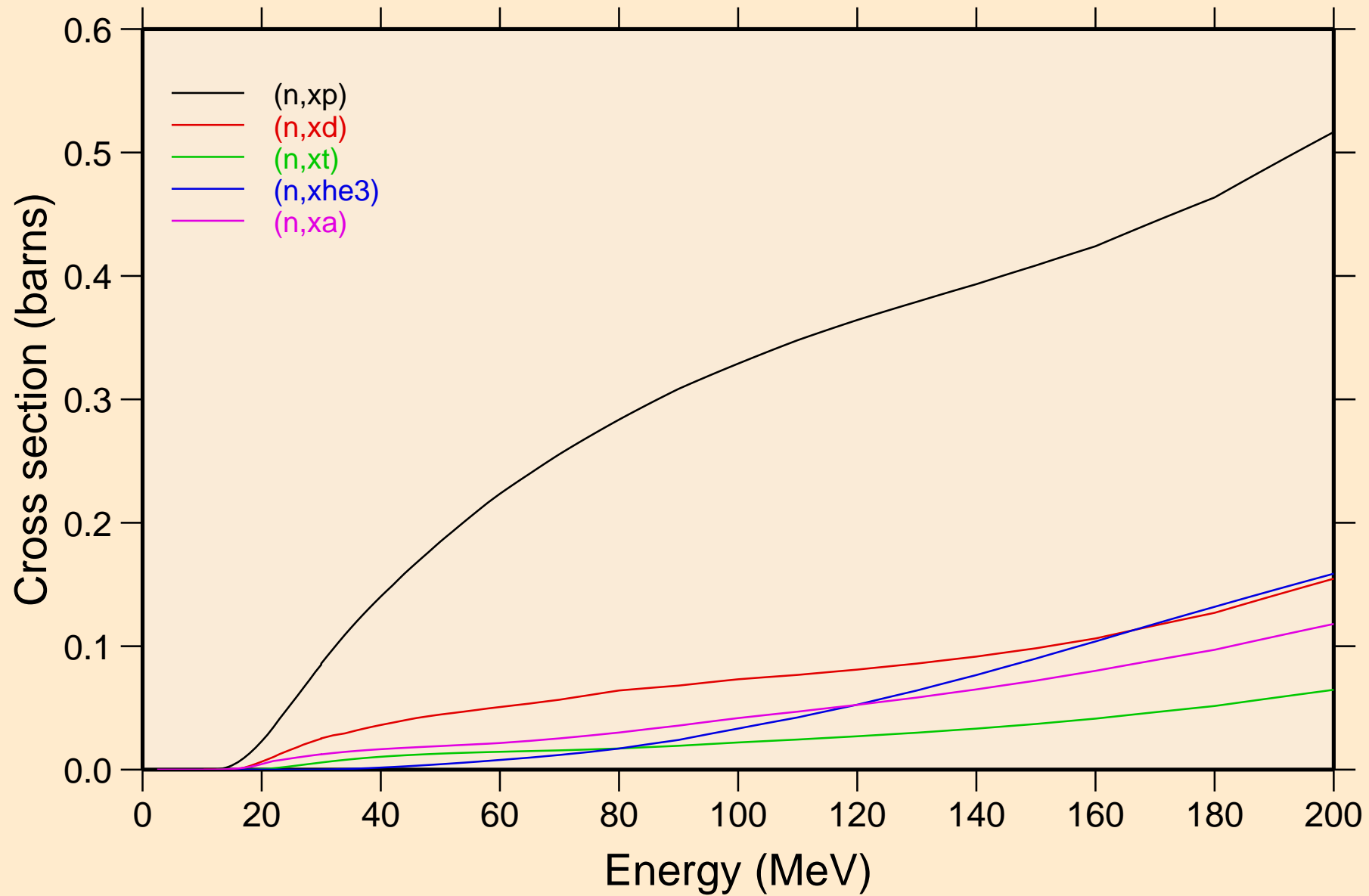
SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

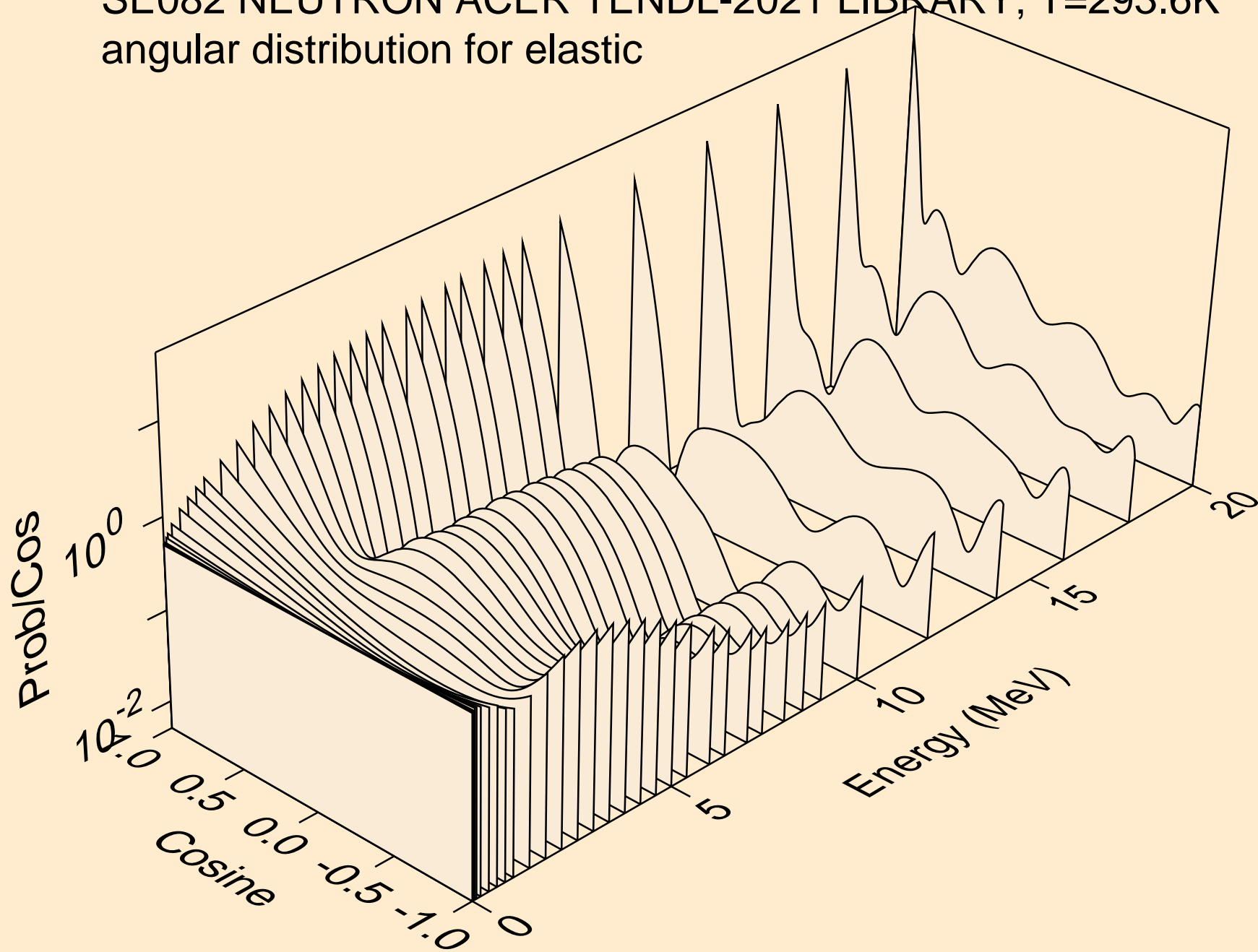


SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

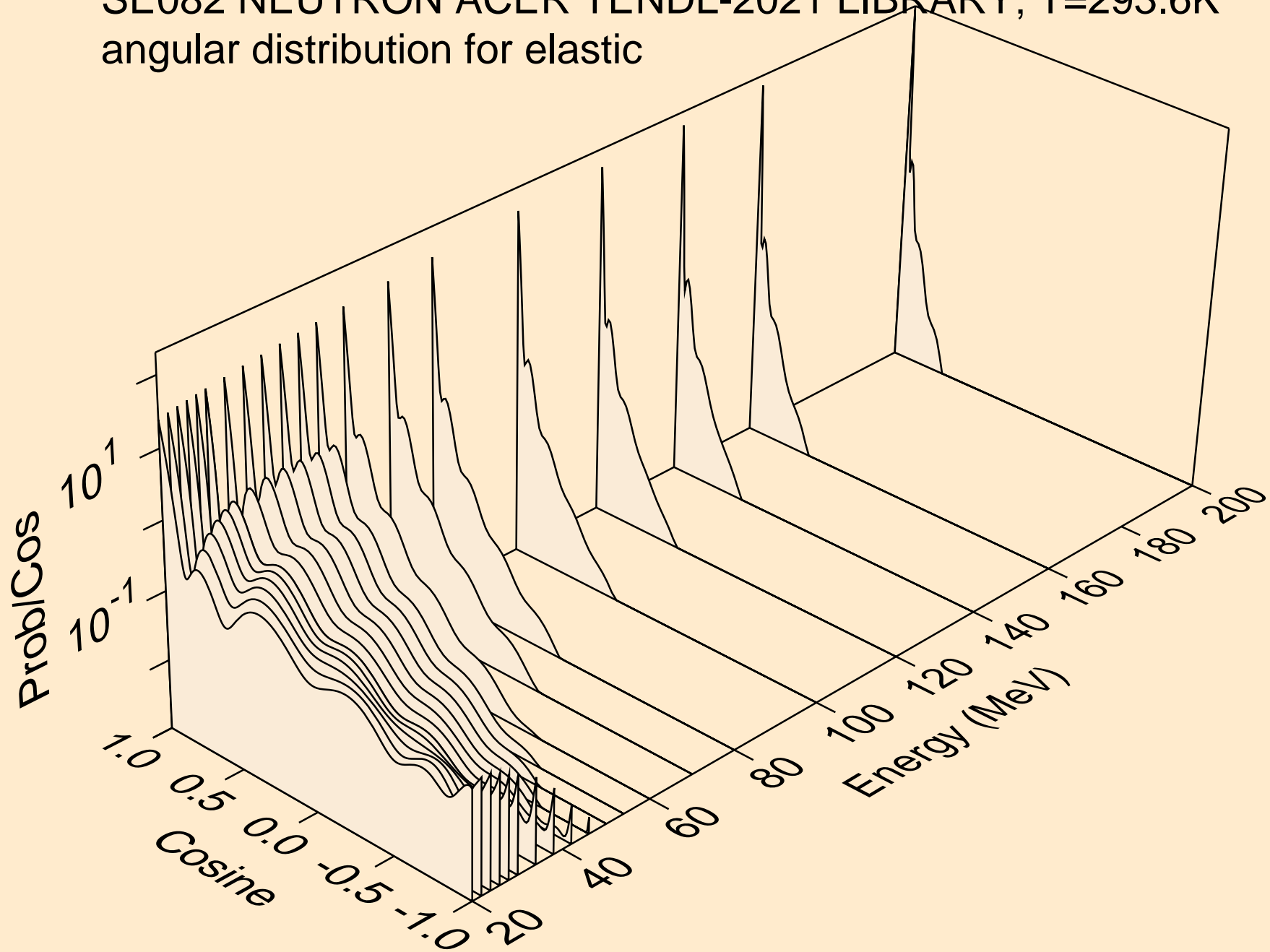




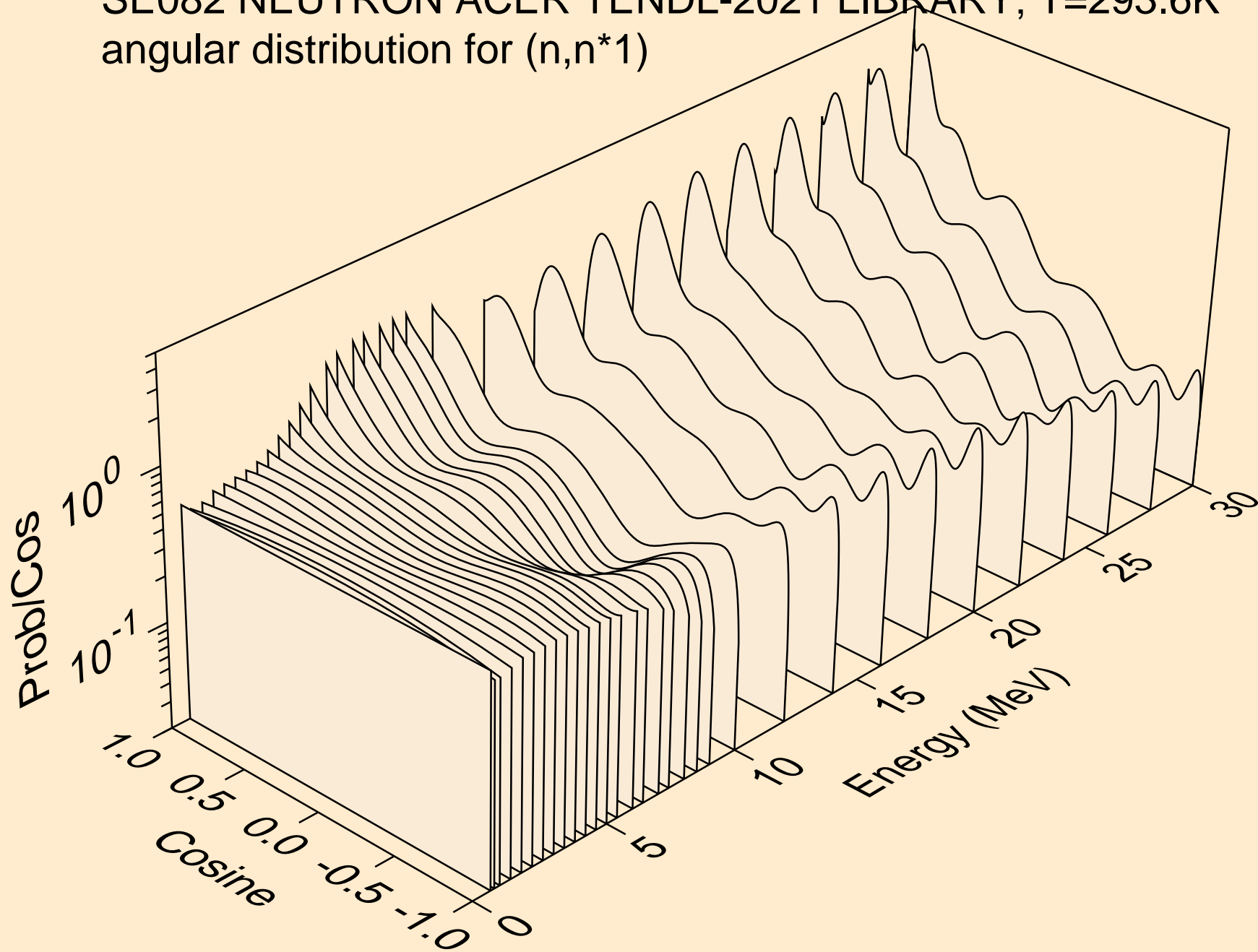
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angular distribution for elastic



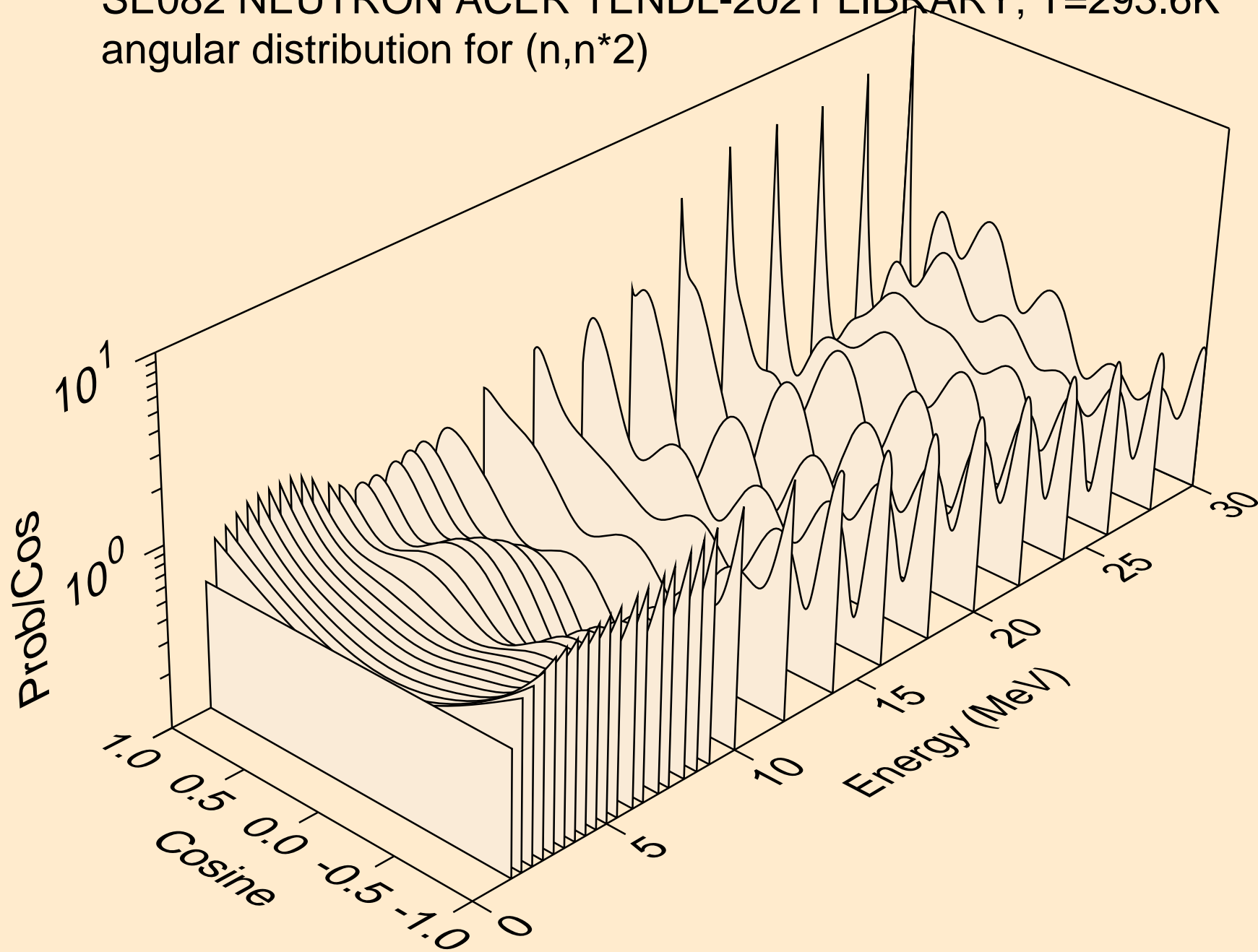
SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



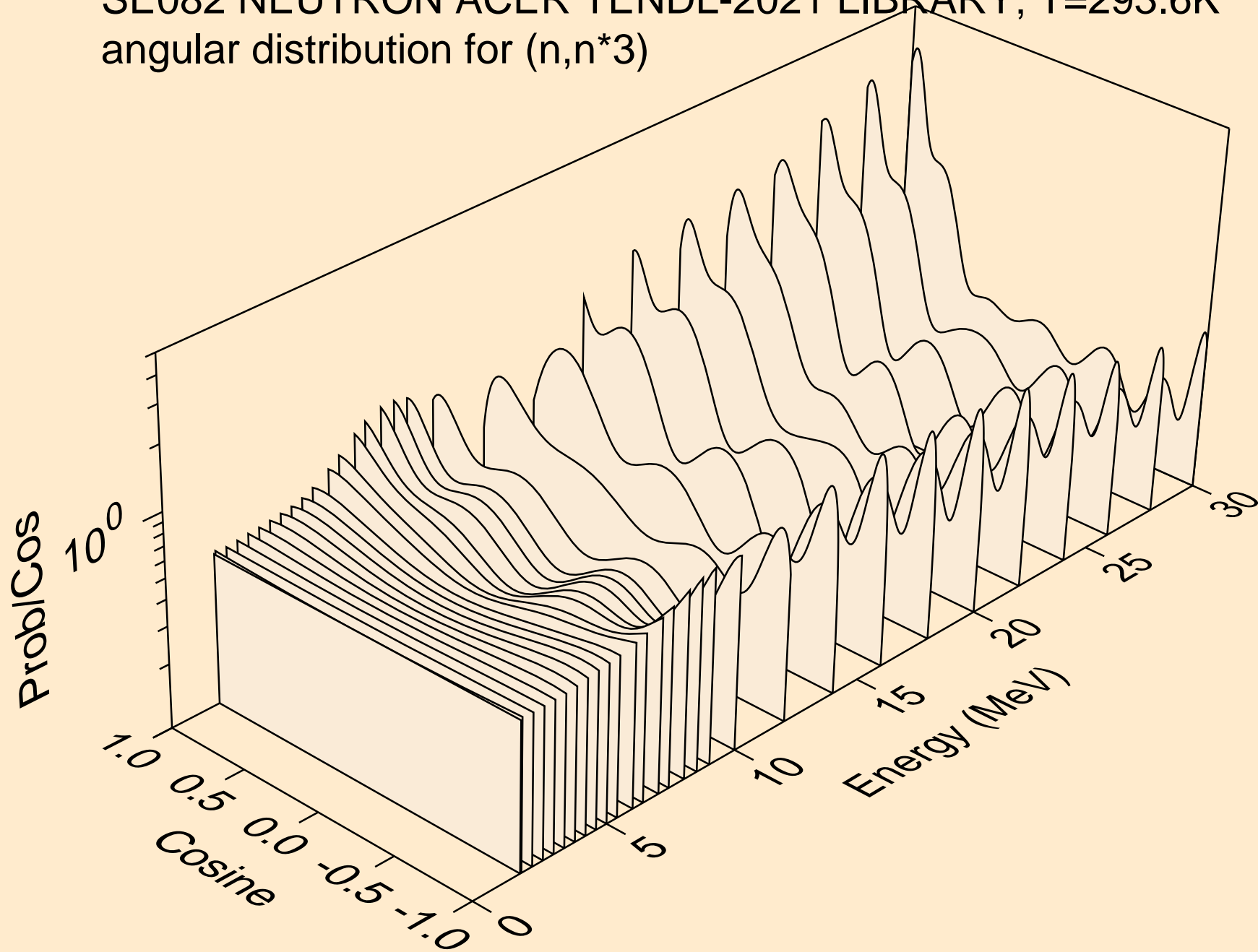
SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



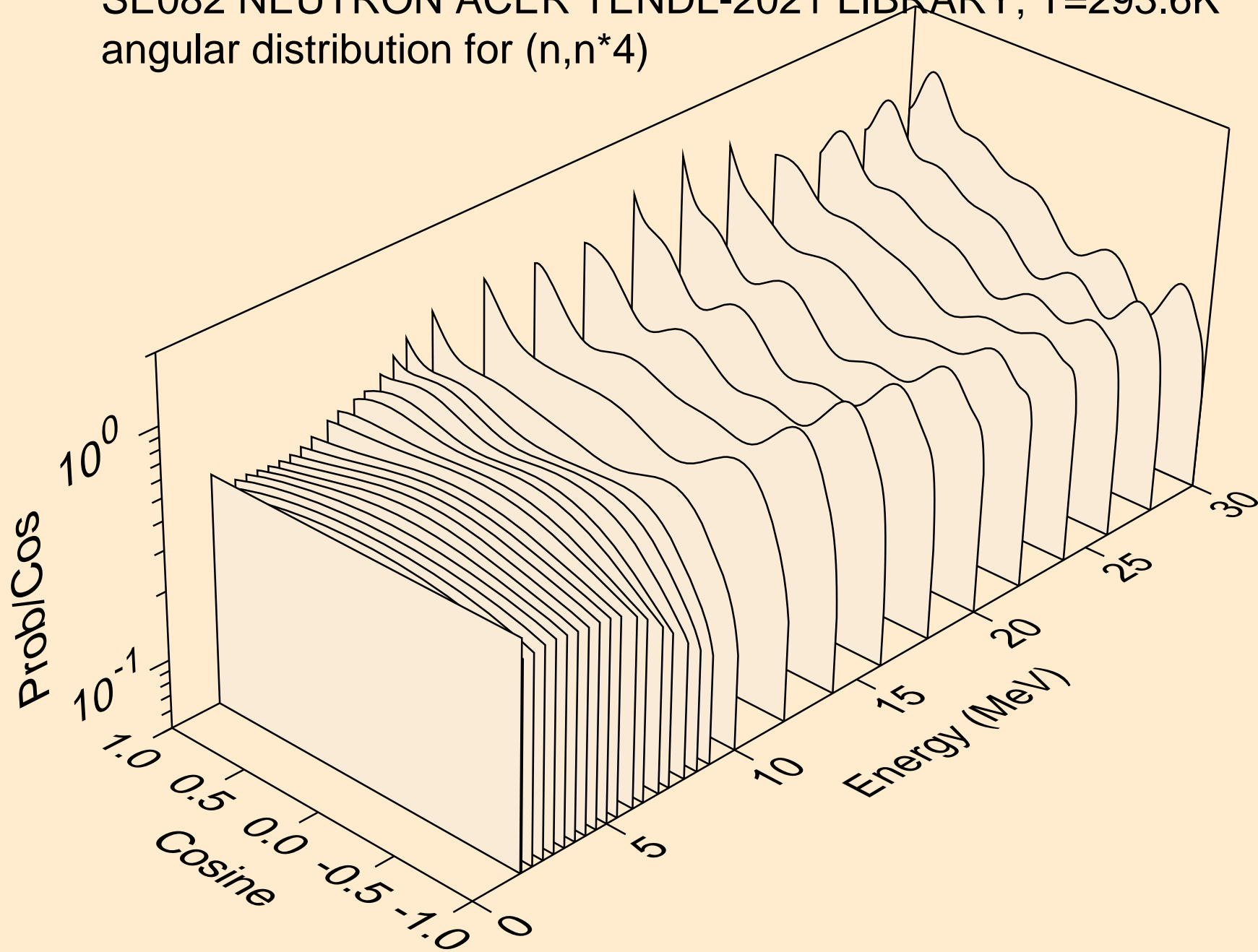
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angular distribution for (n,n\*2)



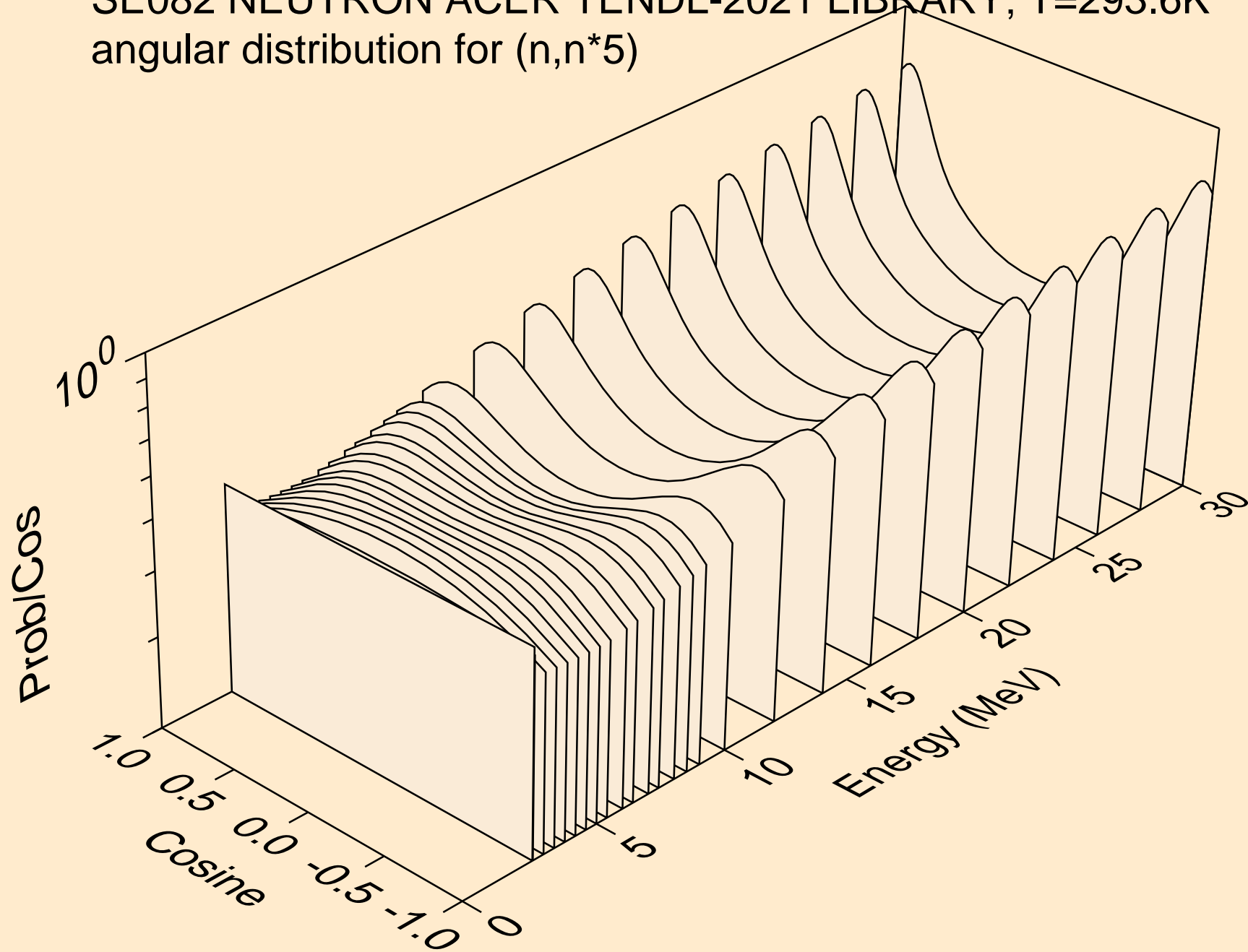
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angular distribution for (n,n\*3)



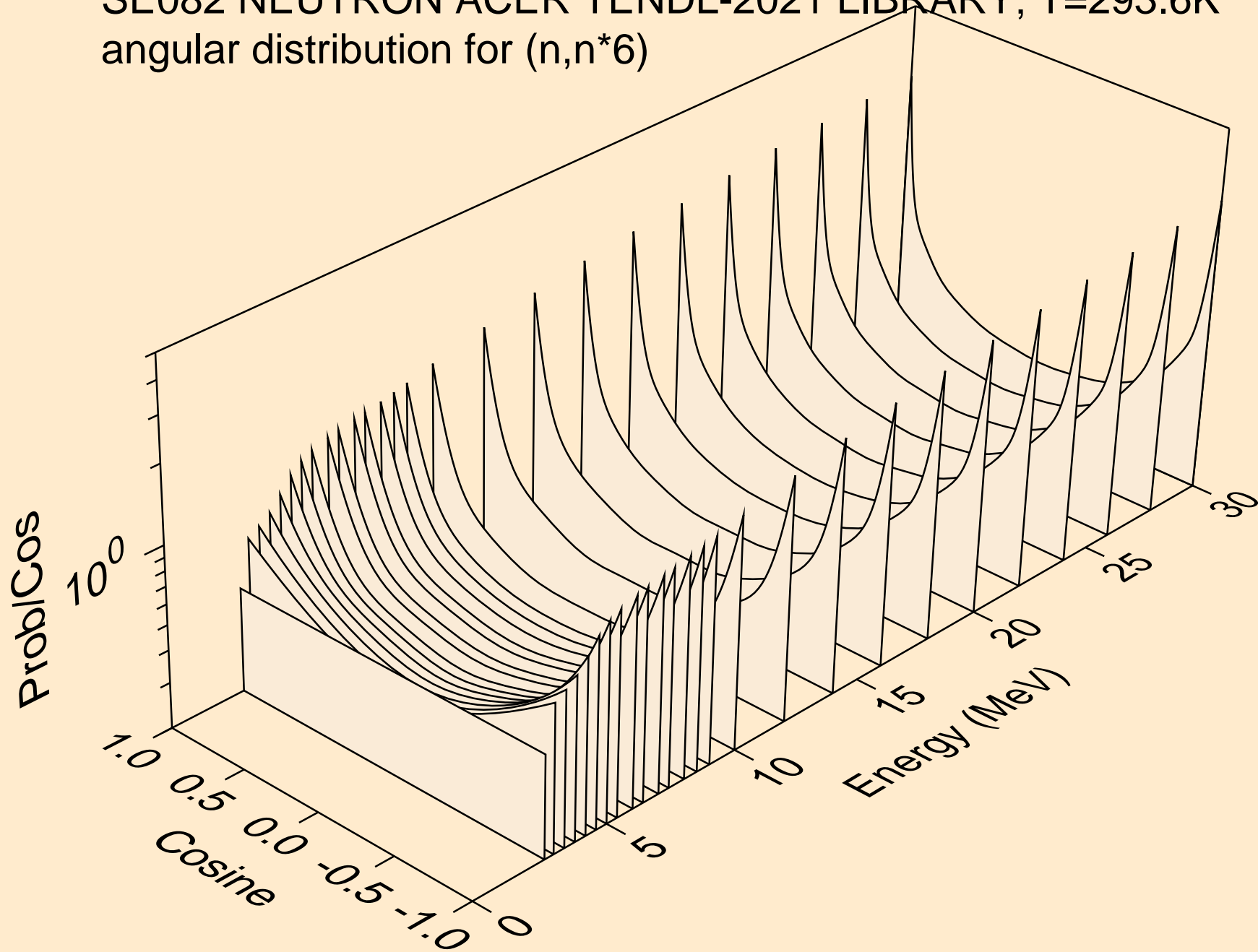
SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*4)



SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*5)

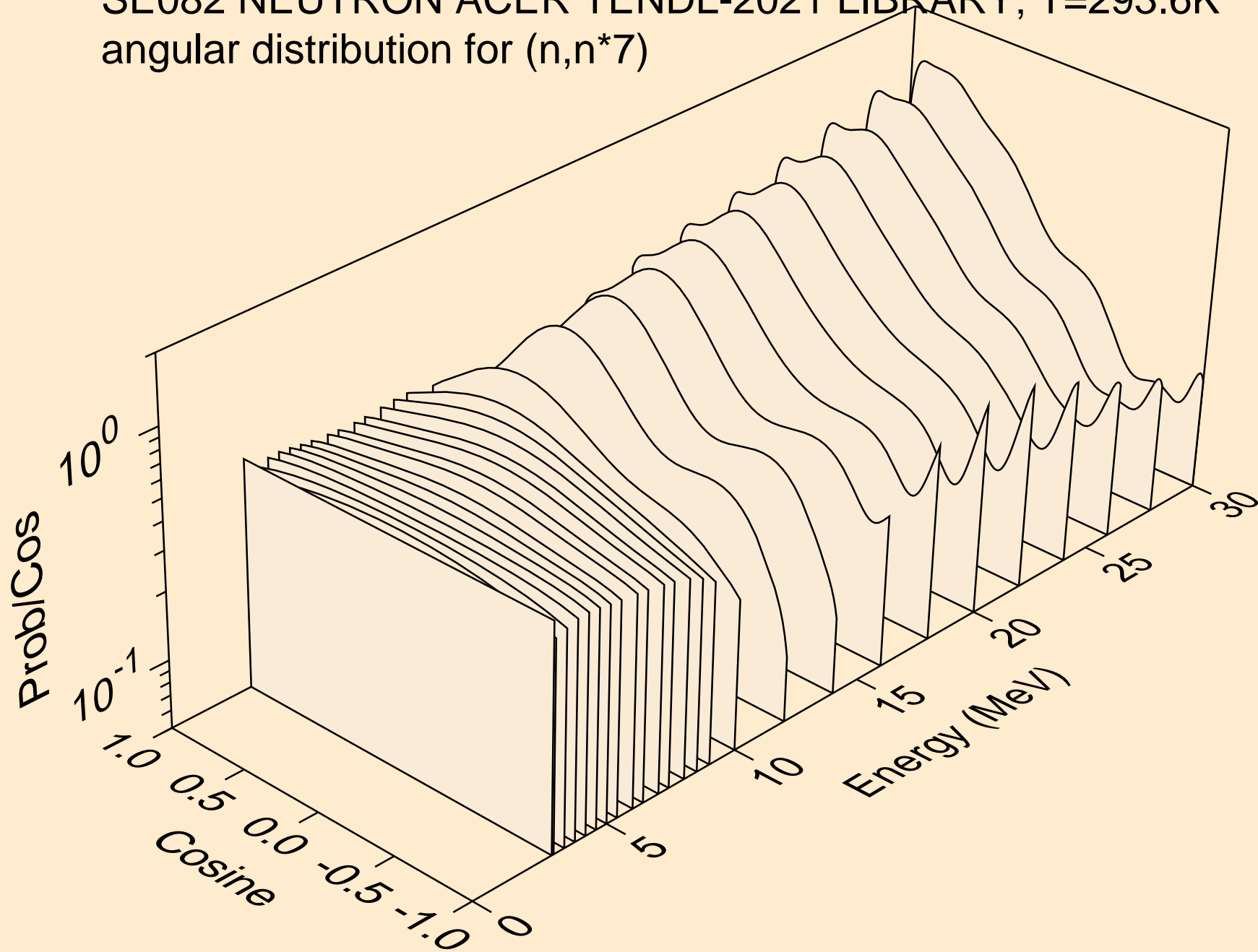


SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*6)

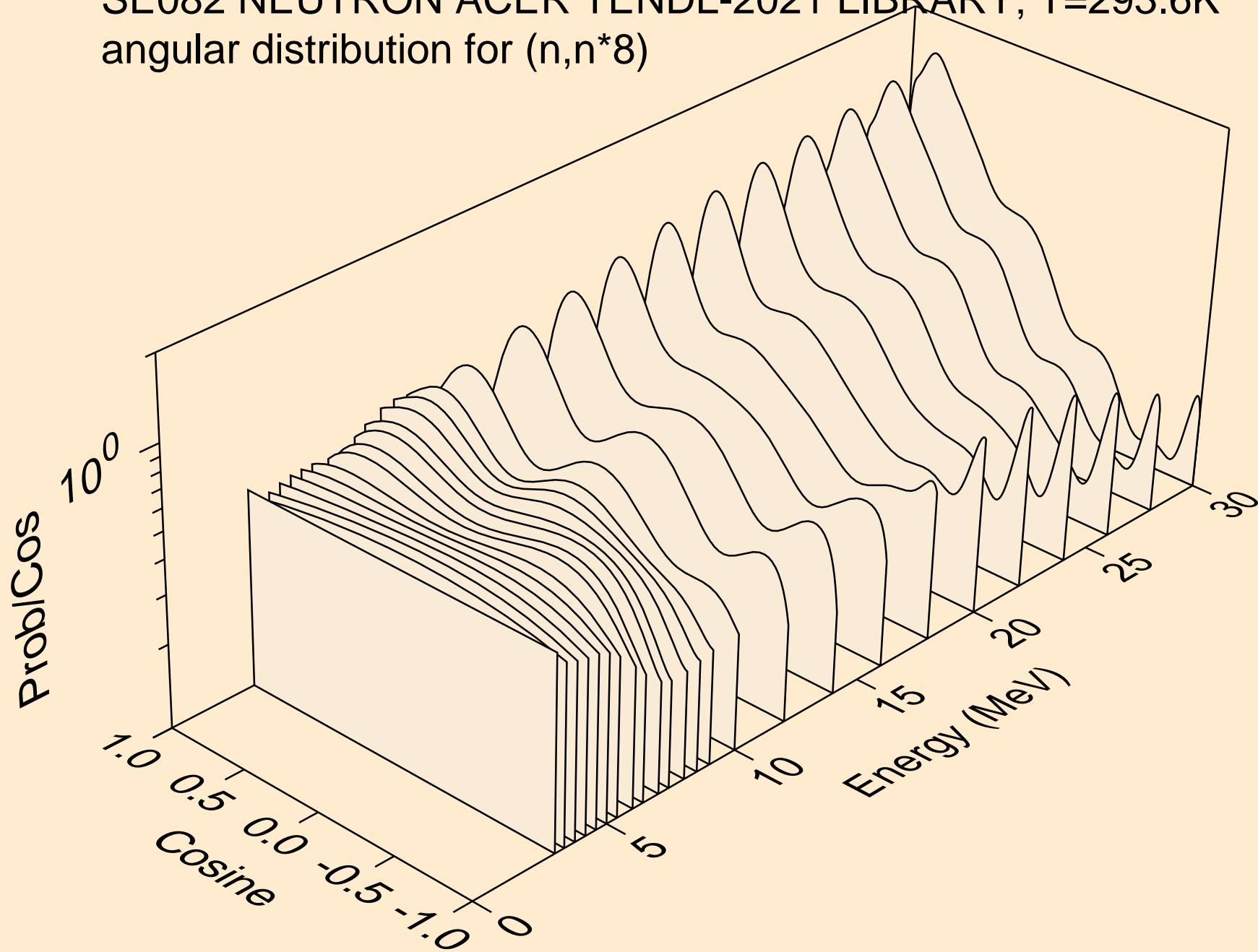




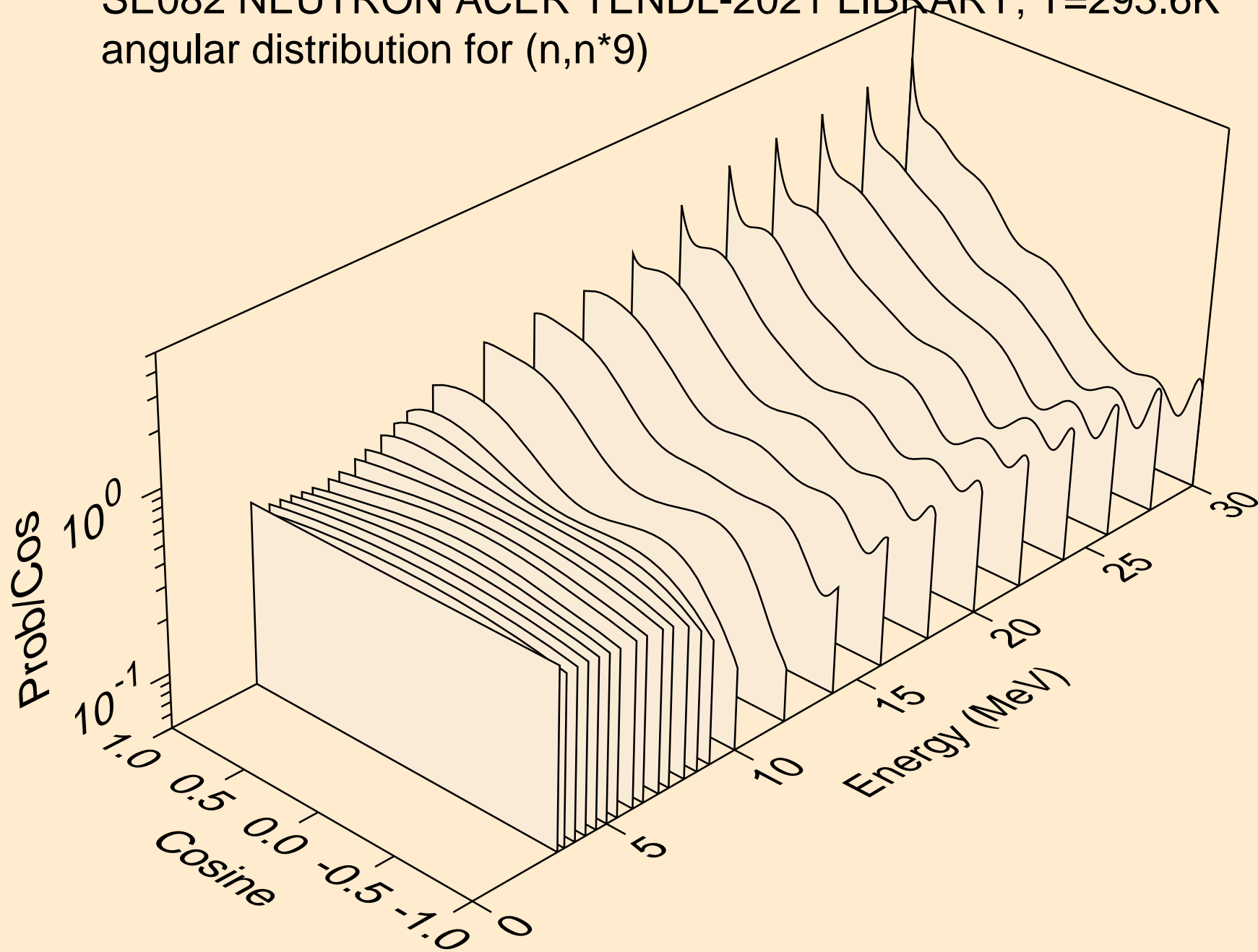
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angular distribution for (n,n\*7)



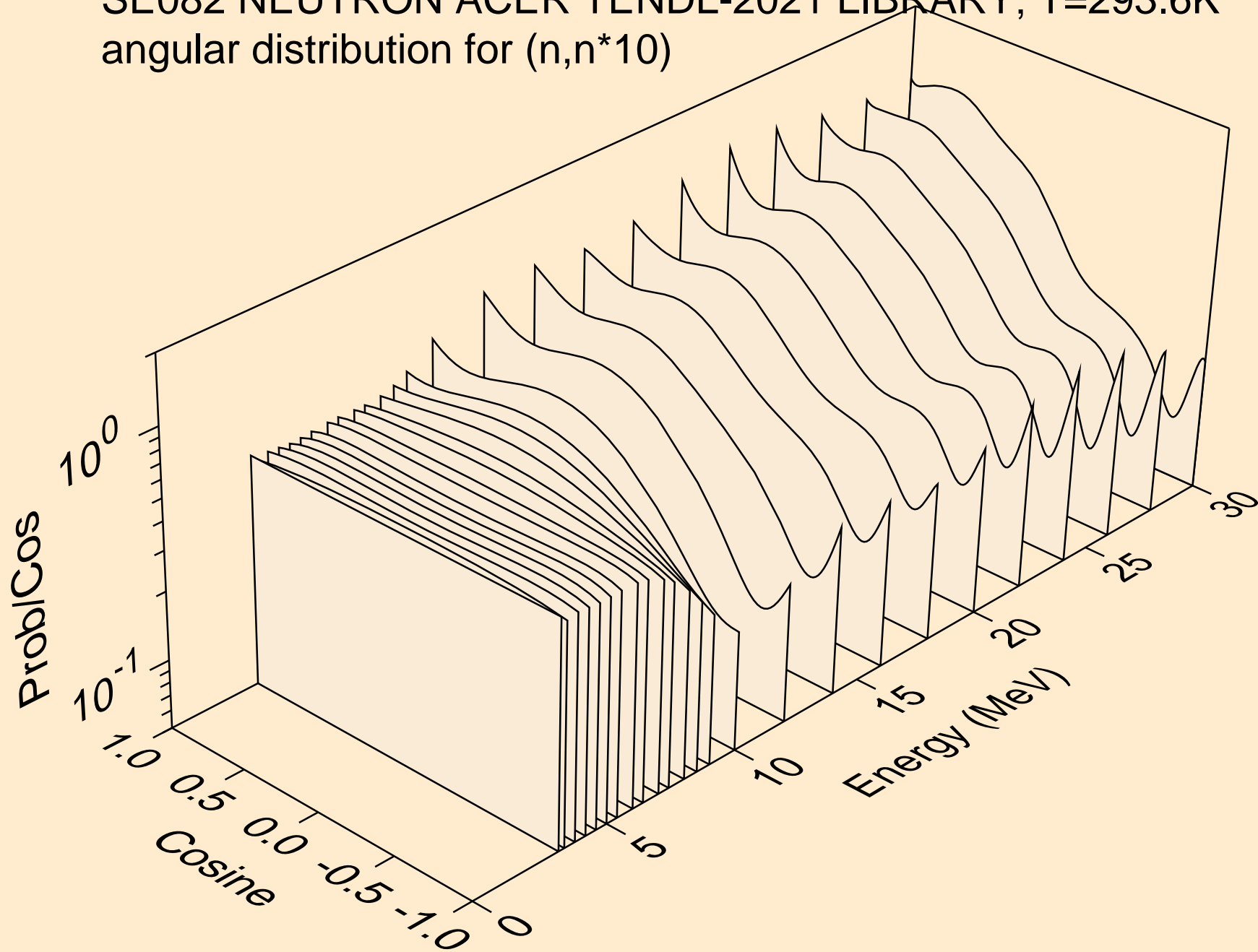
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angular distribution for (n,n\*8)



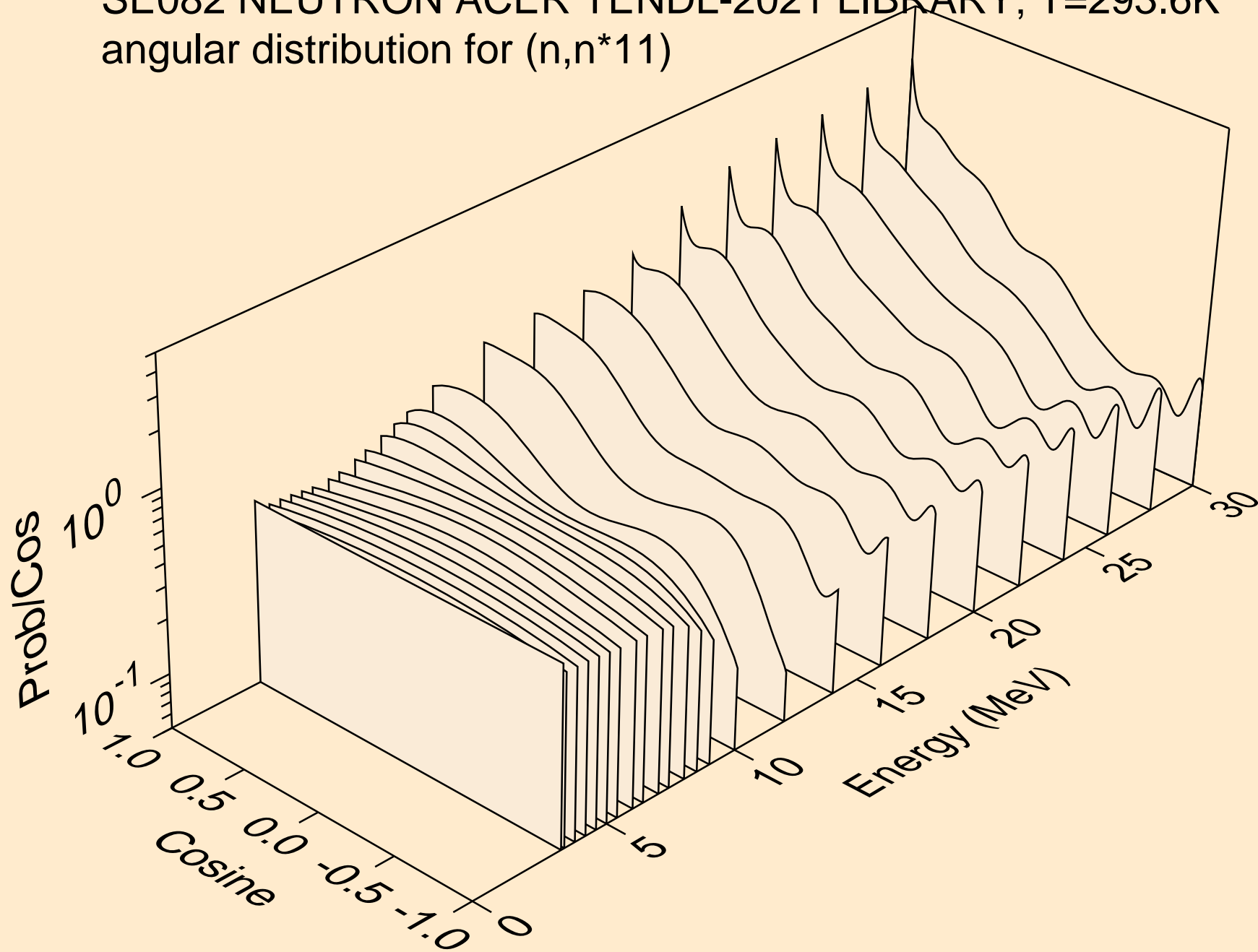
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angular distribution for (n,n\*9)



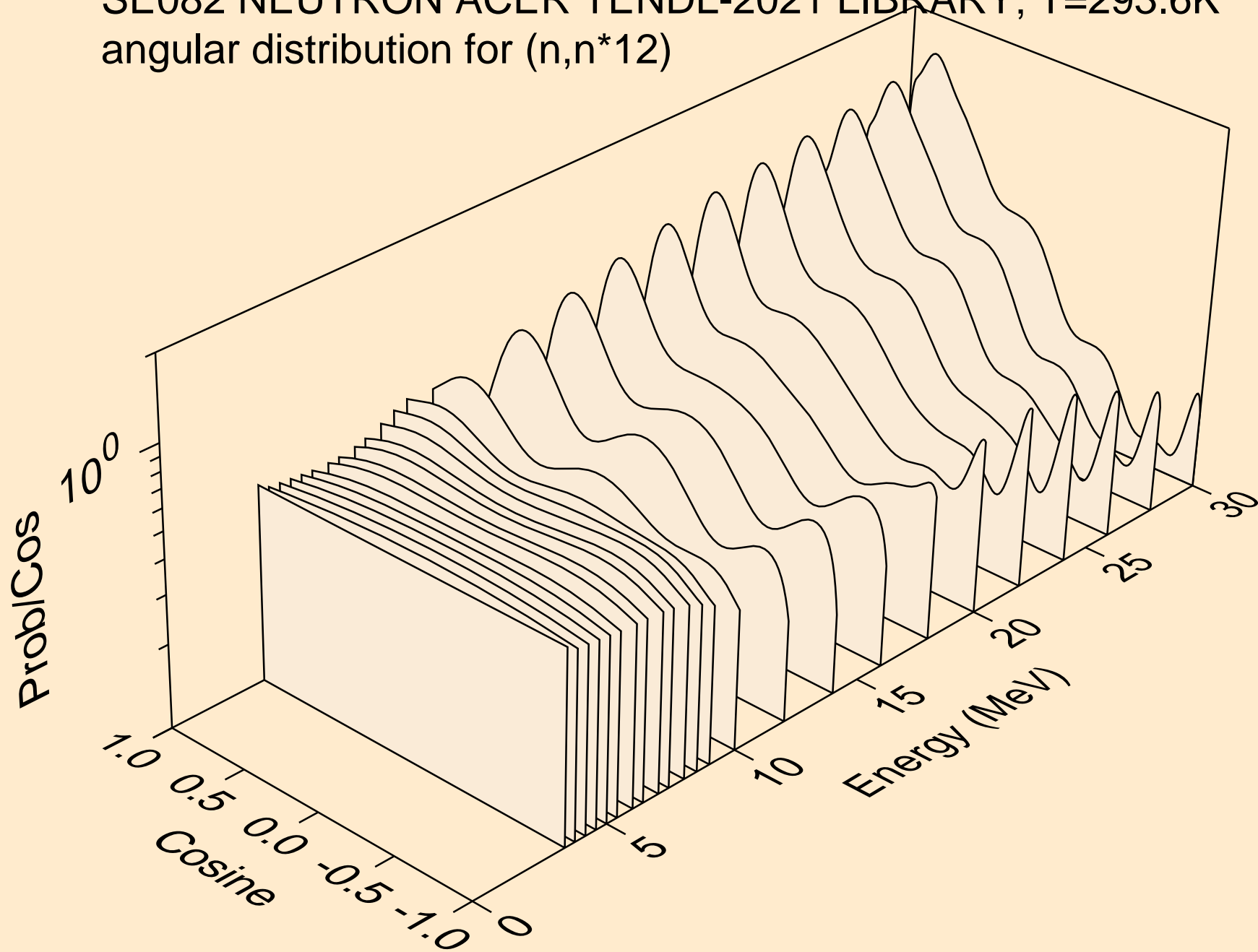
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angular distribution for (n,n\*10)



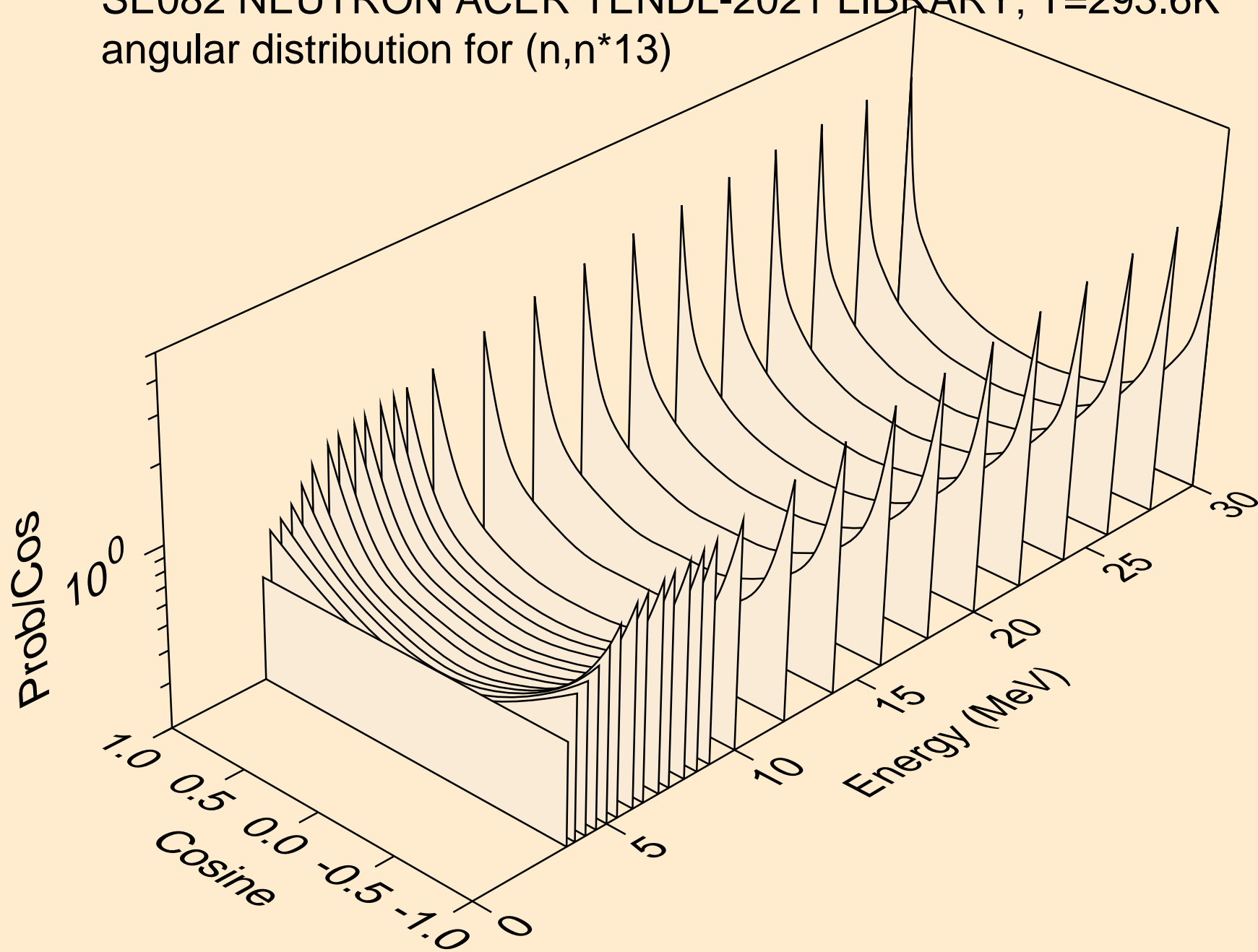
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angular distribution for (n,n\*11)



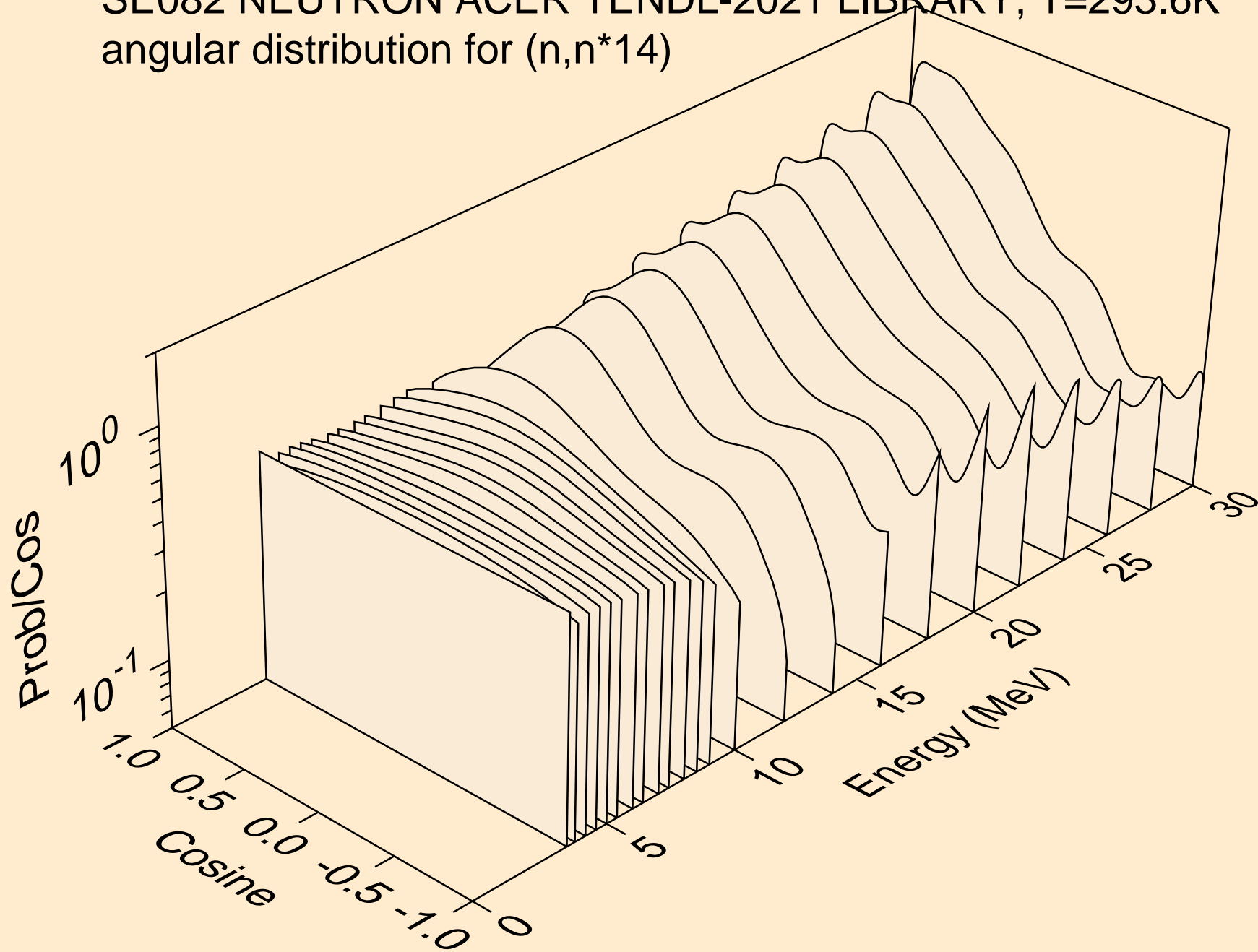
SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*12)



SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*13)

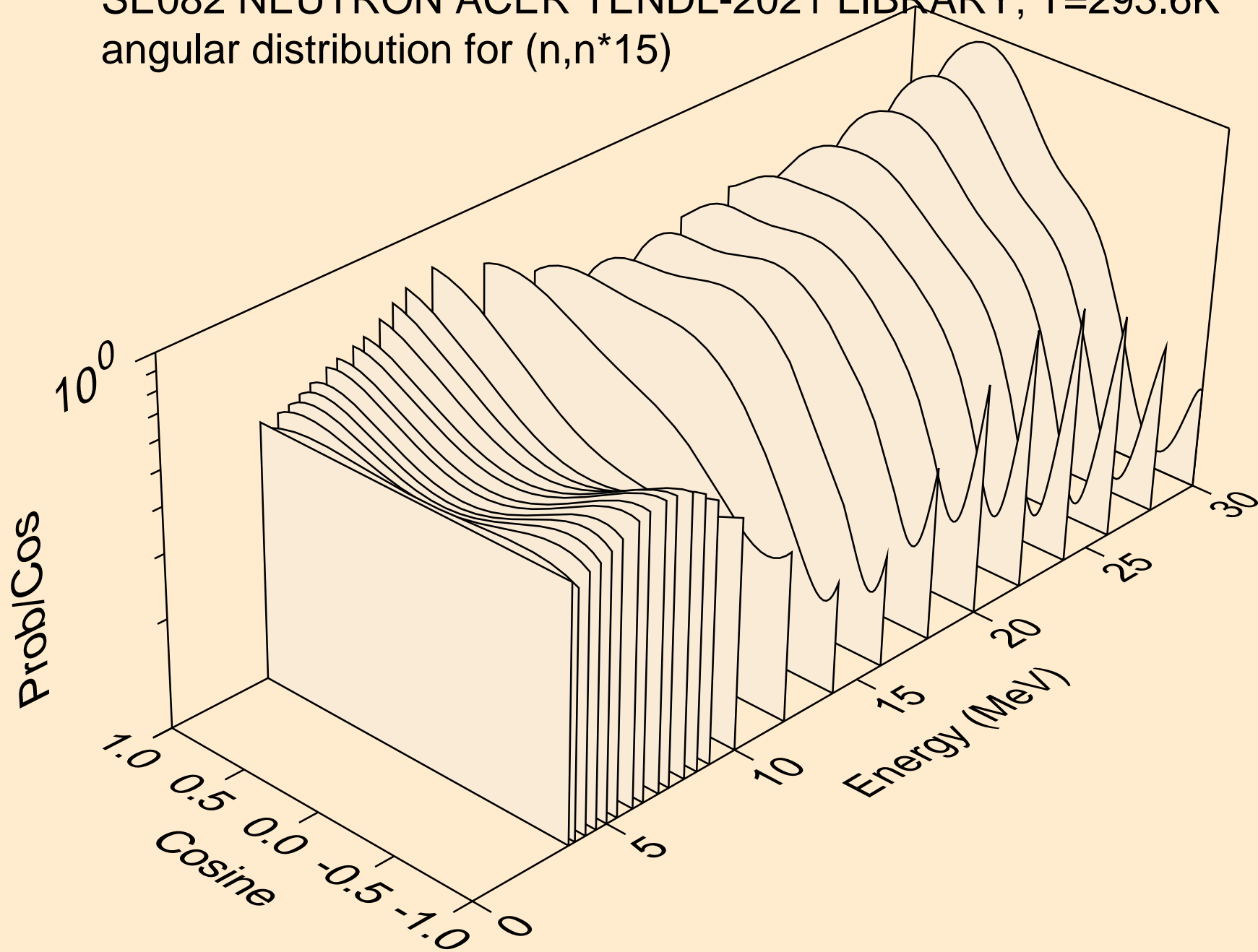


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angular distribution for (n,n\*14)

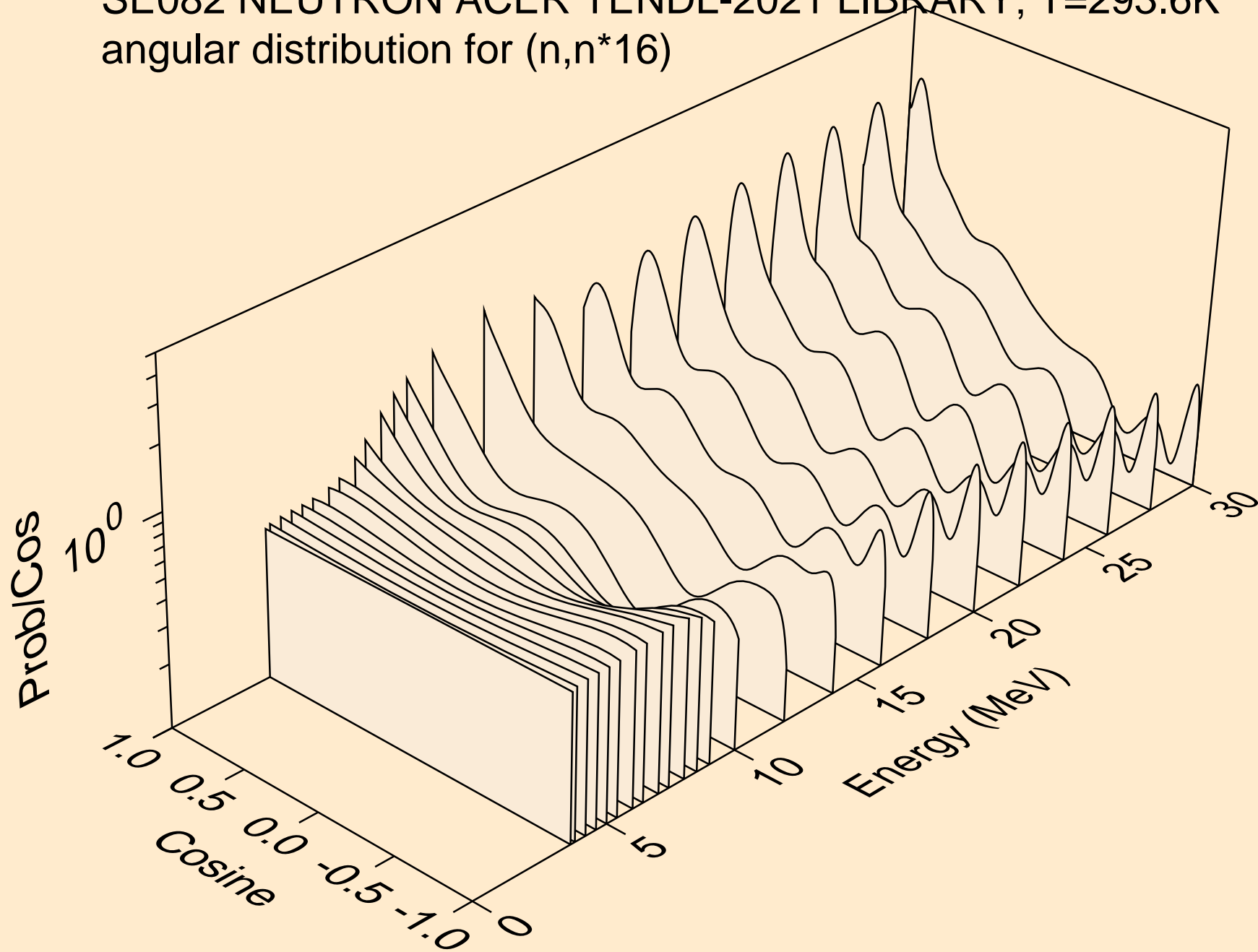




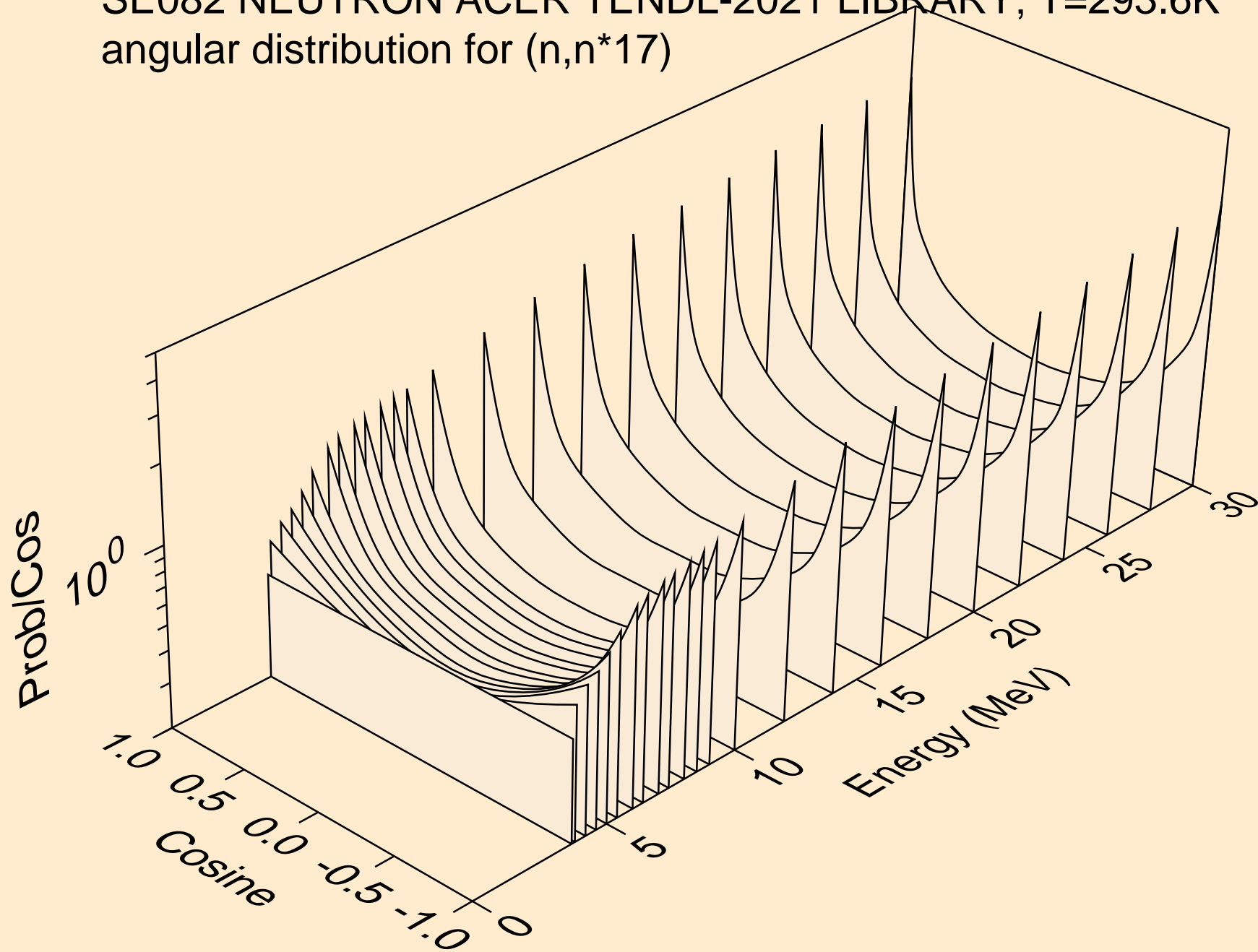
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angular distribution for (n,n\*15)



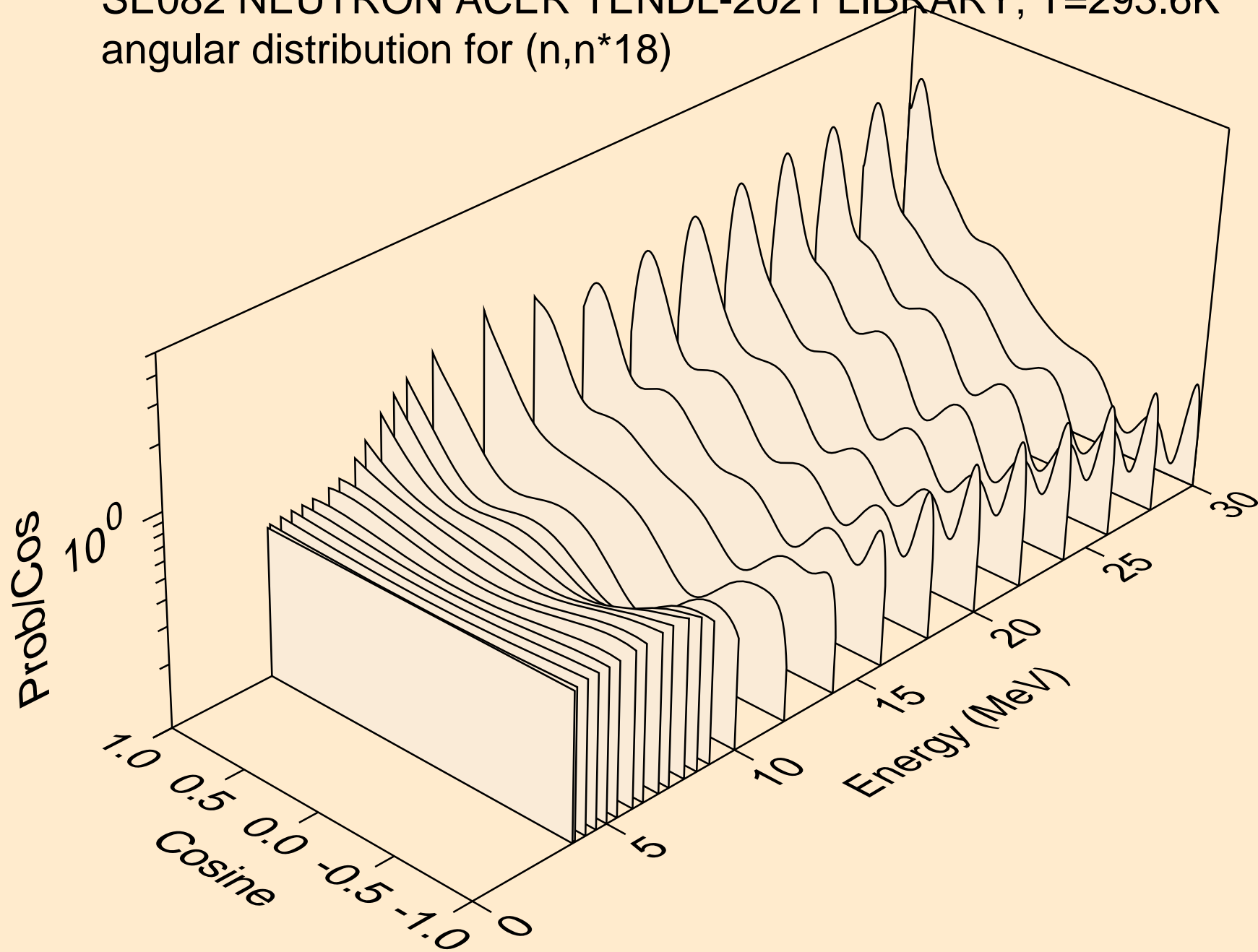
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angular distribution for (n,n\*16)



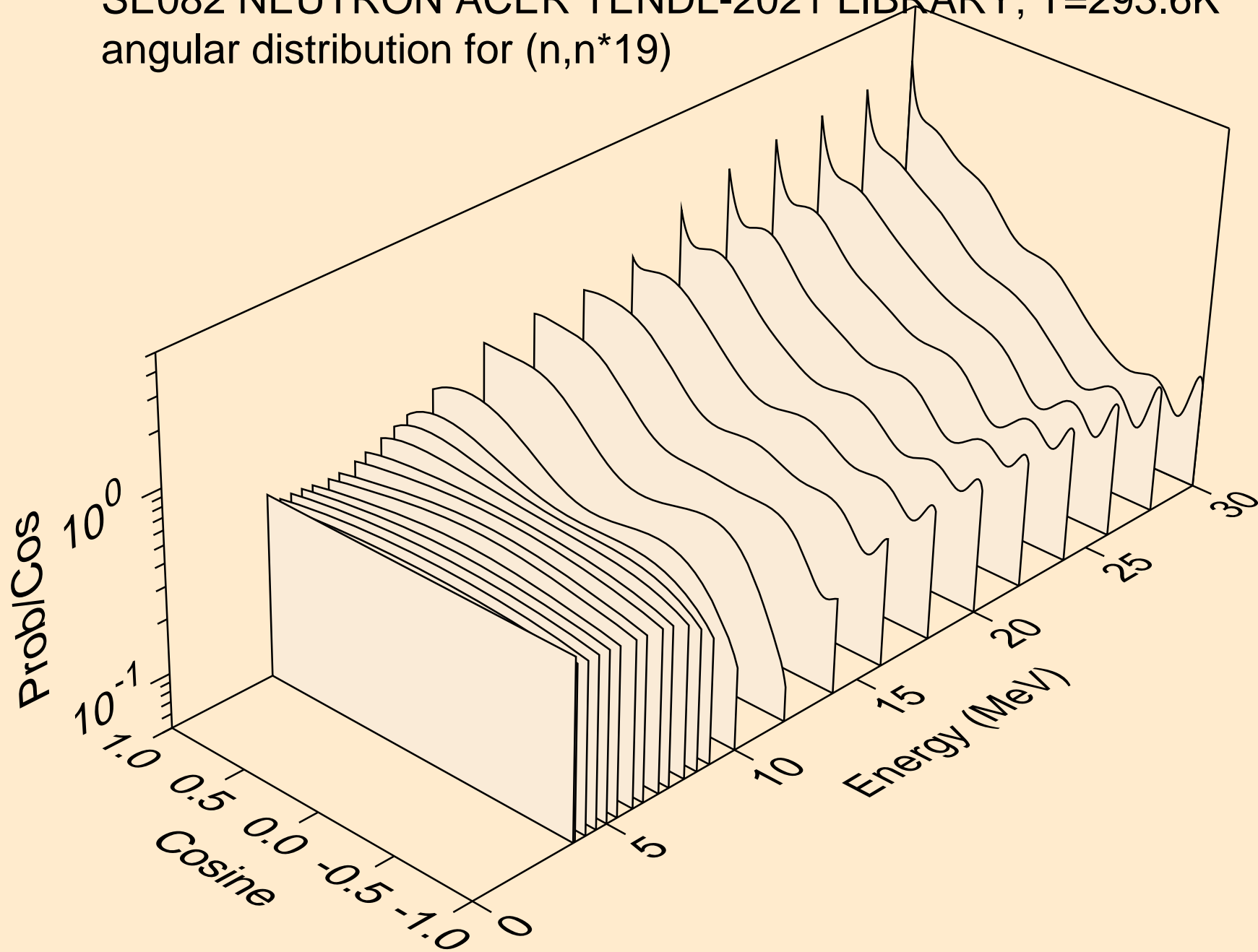
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angular distribution for (n,n\*17)



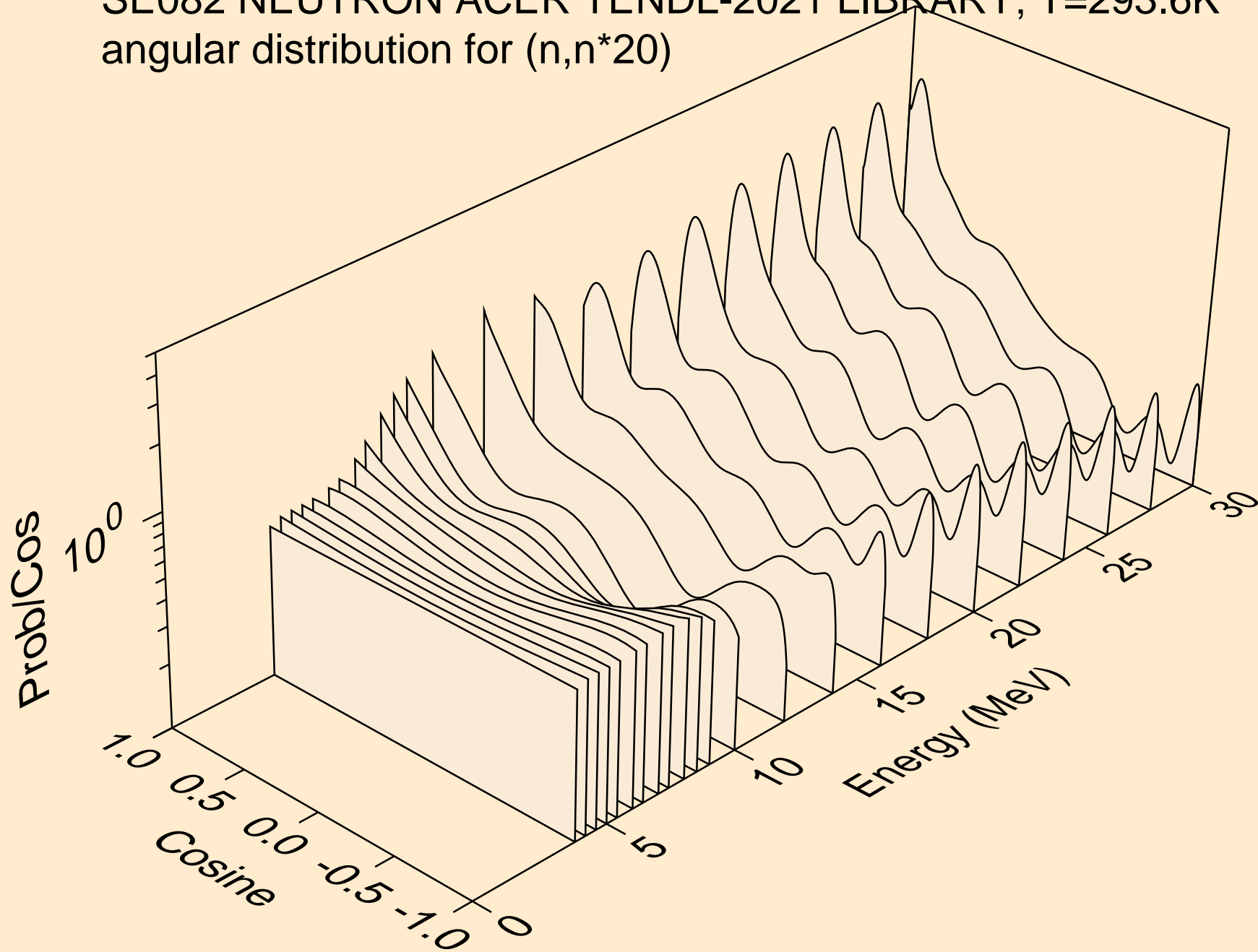
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angular distribution for (n,n\*18)



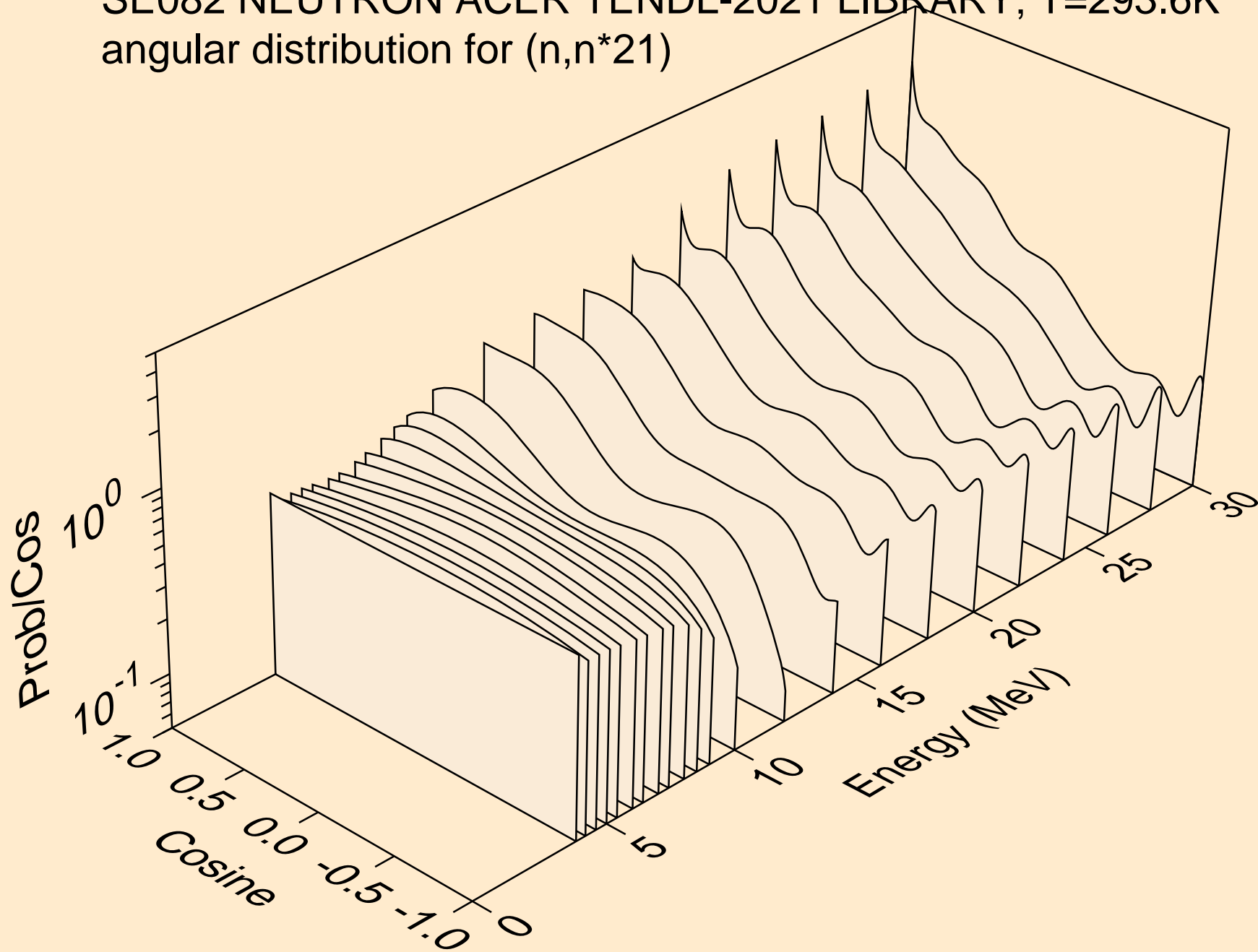
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angular distribution for (n,n\*19)



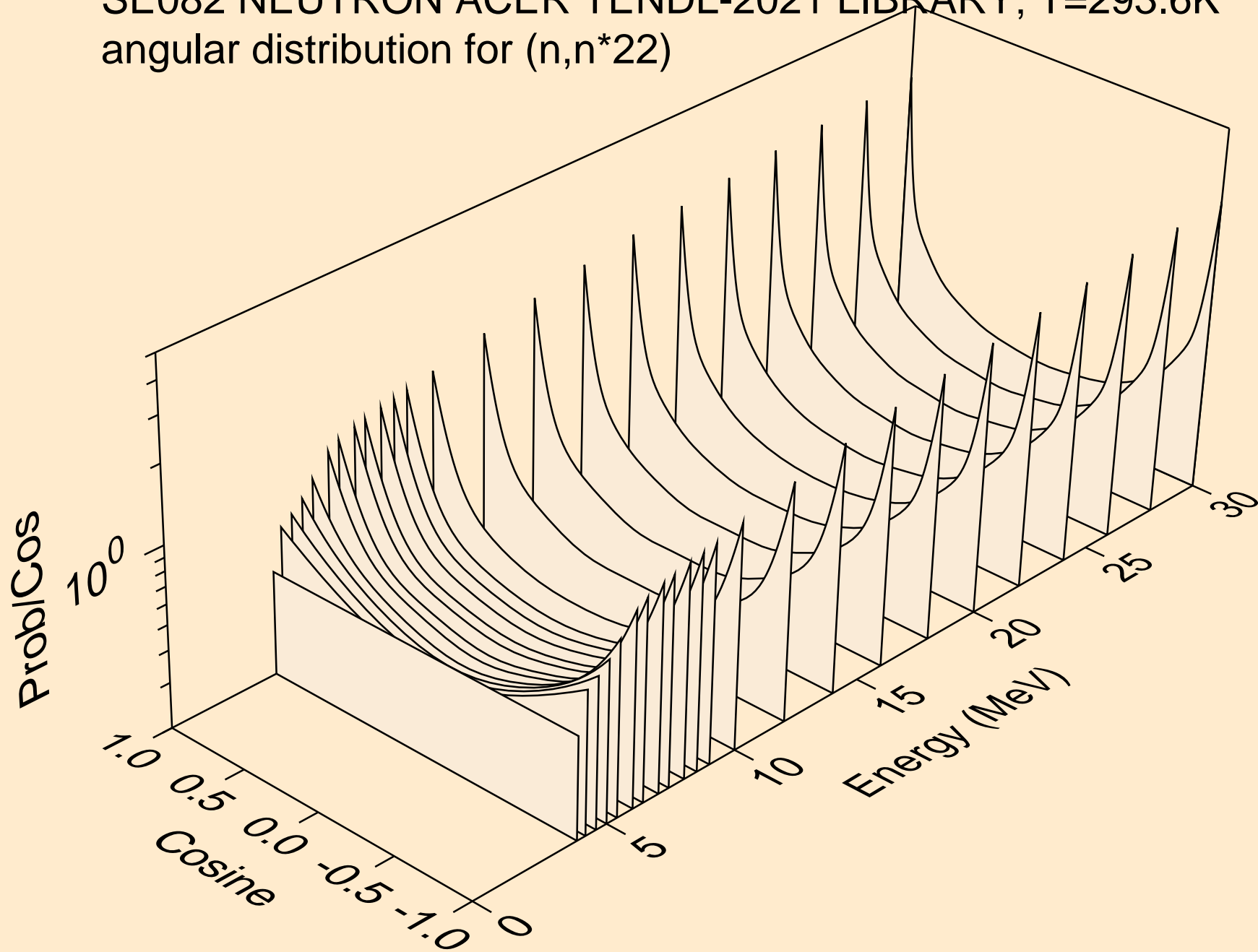
SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*20)



SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*21)

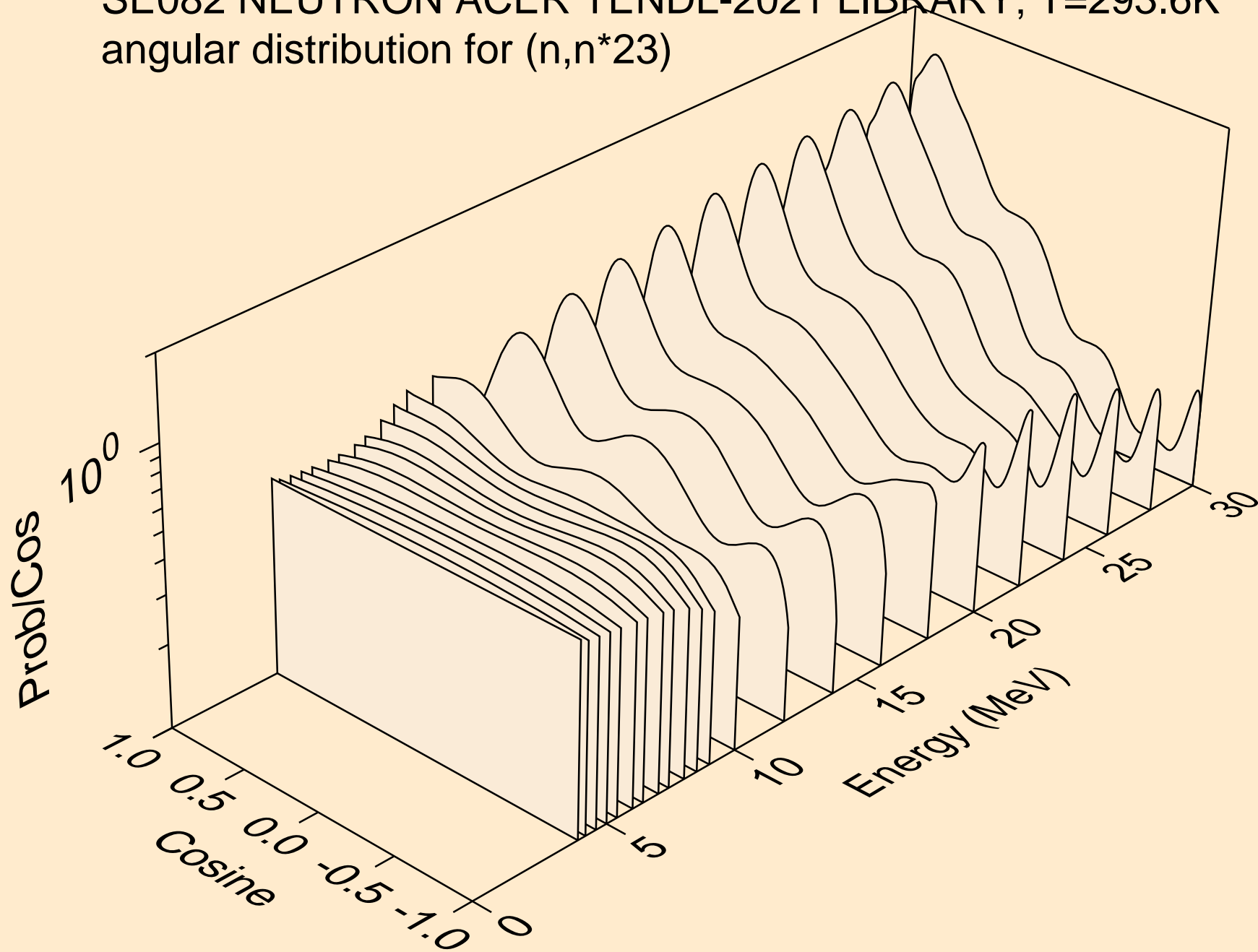


SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*22)

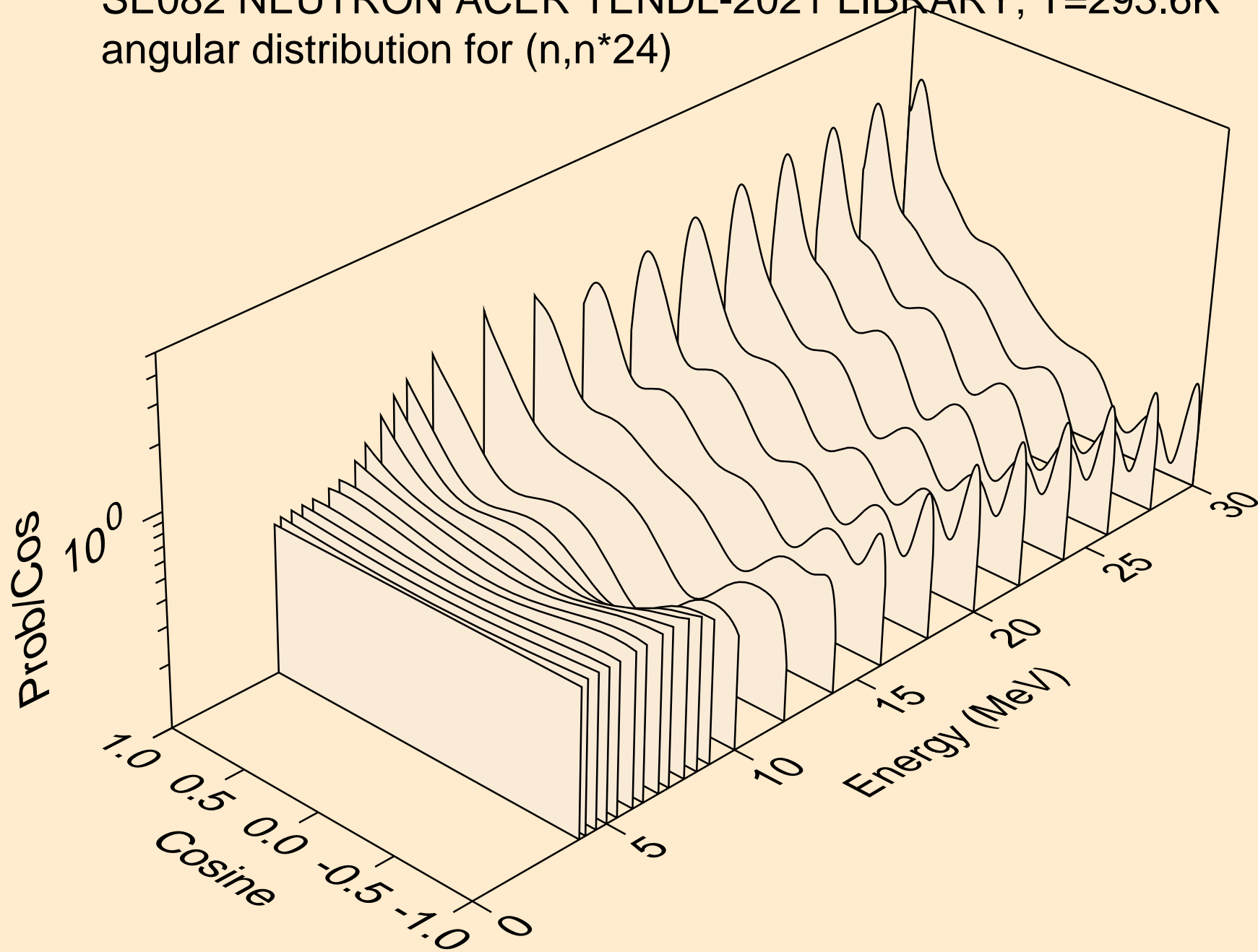




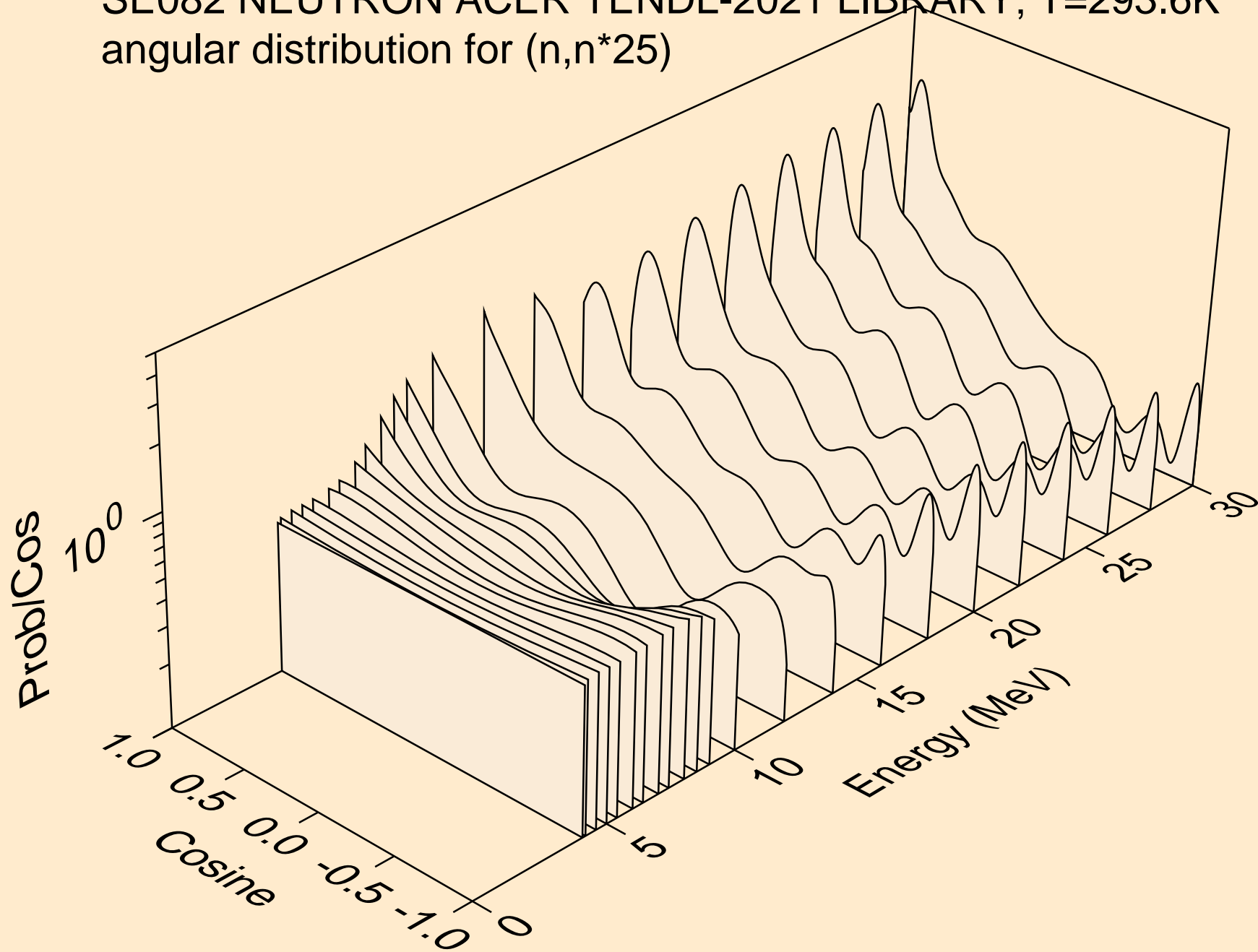
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angular distribution for (n,n\*23)



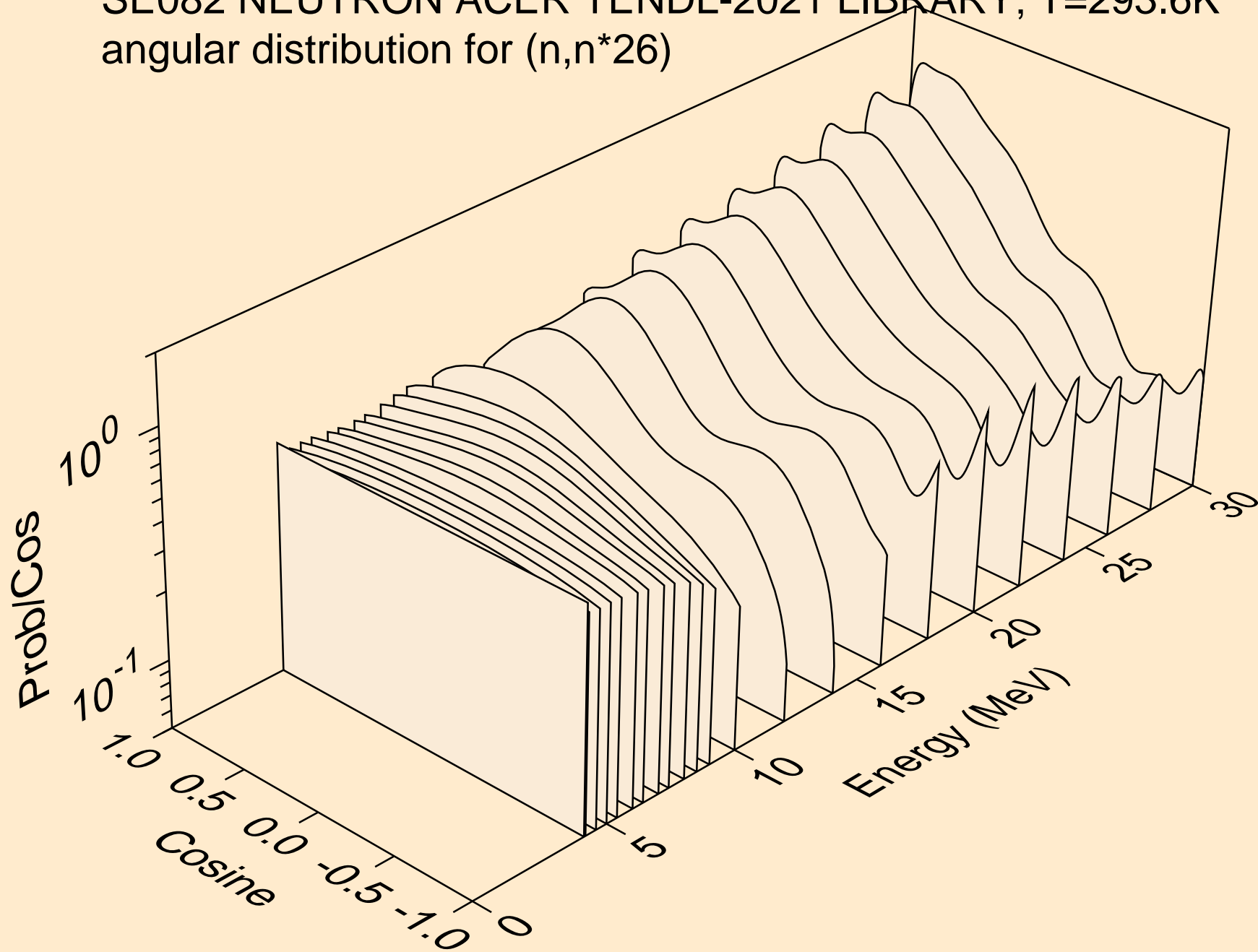
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angular distribution for (n,n\*24)



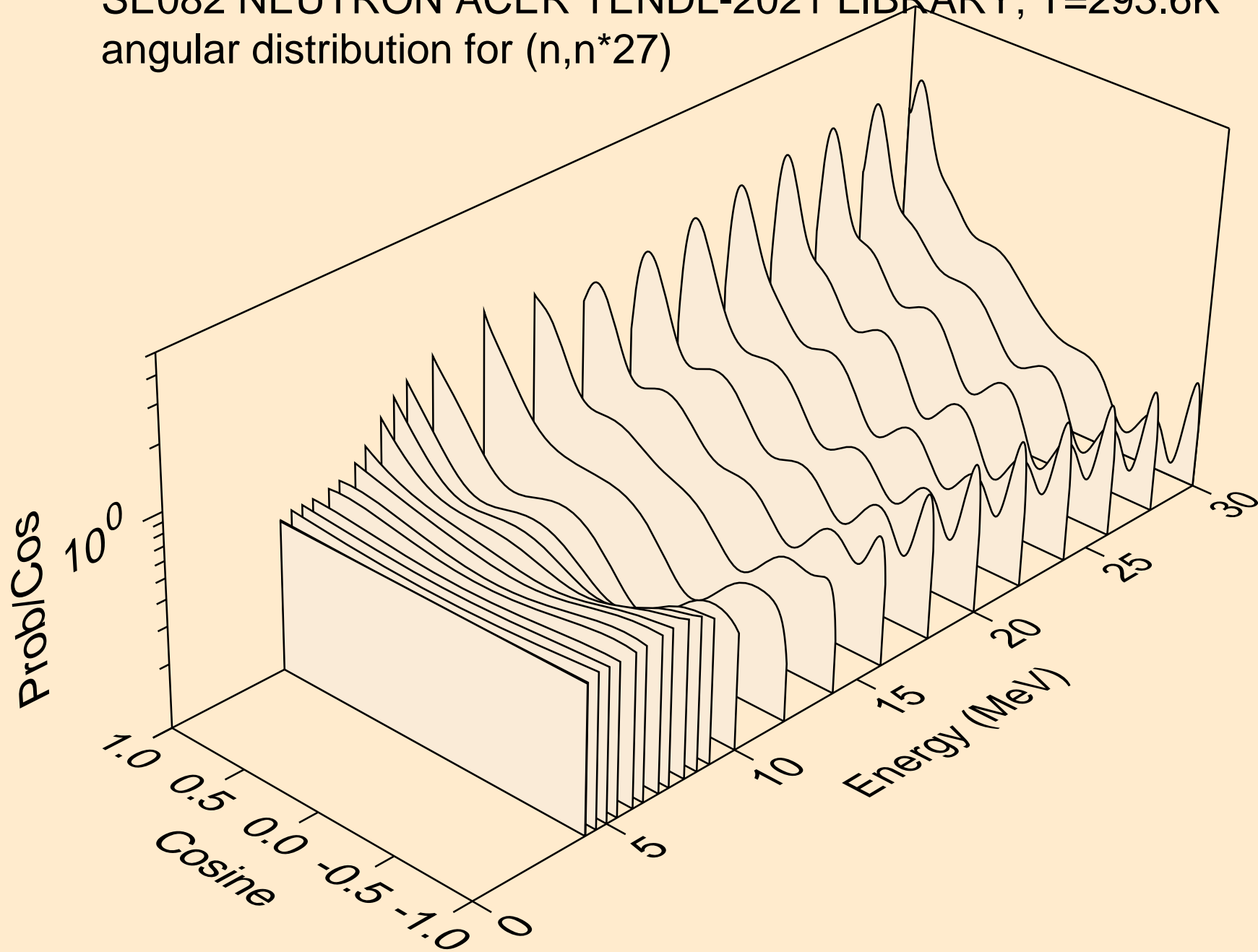
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angular distribution for (n,n\*25)



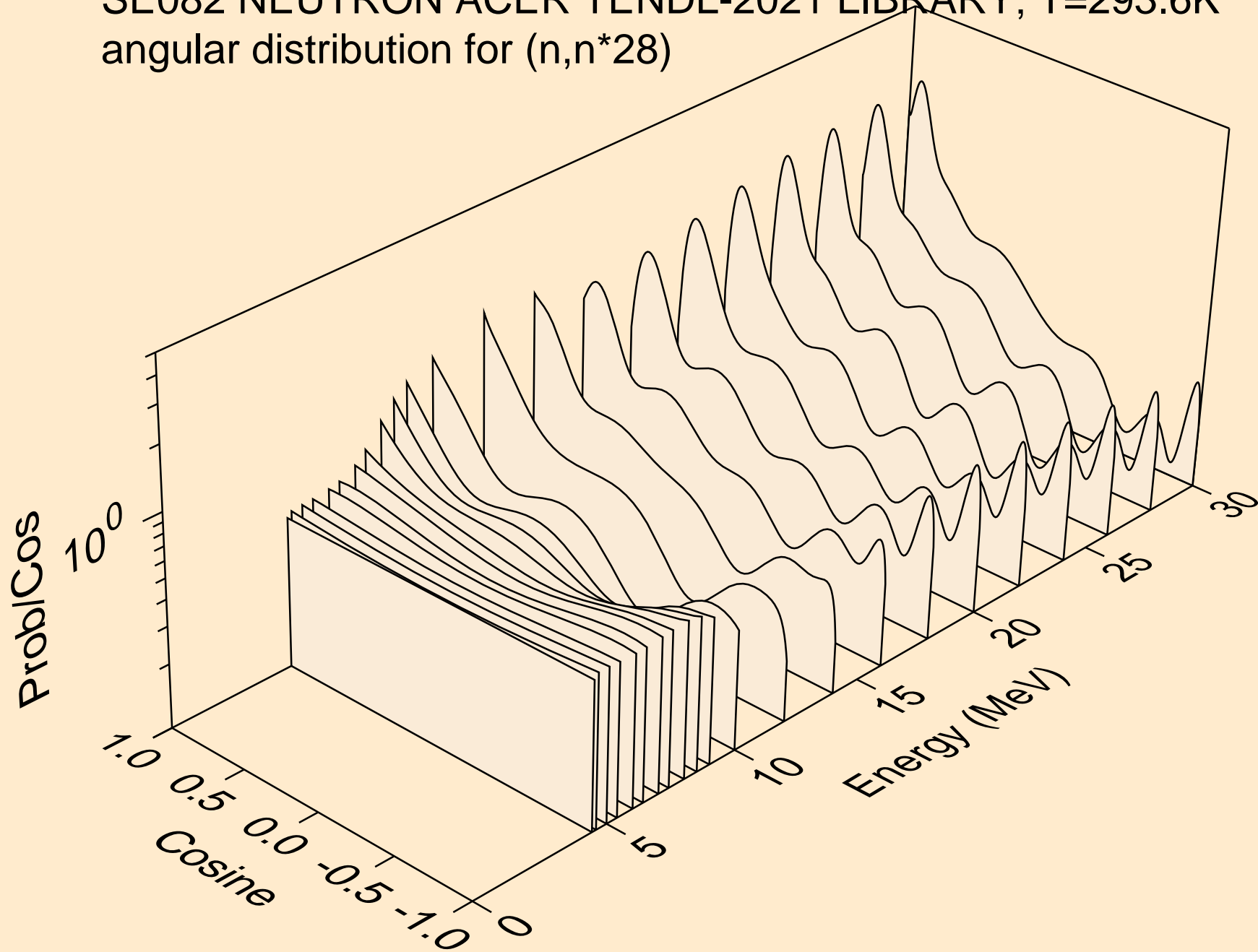
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angular distribution for (n,n\*26)



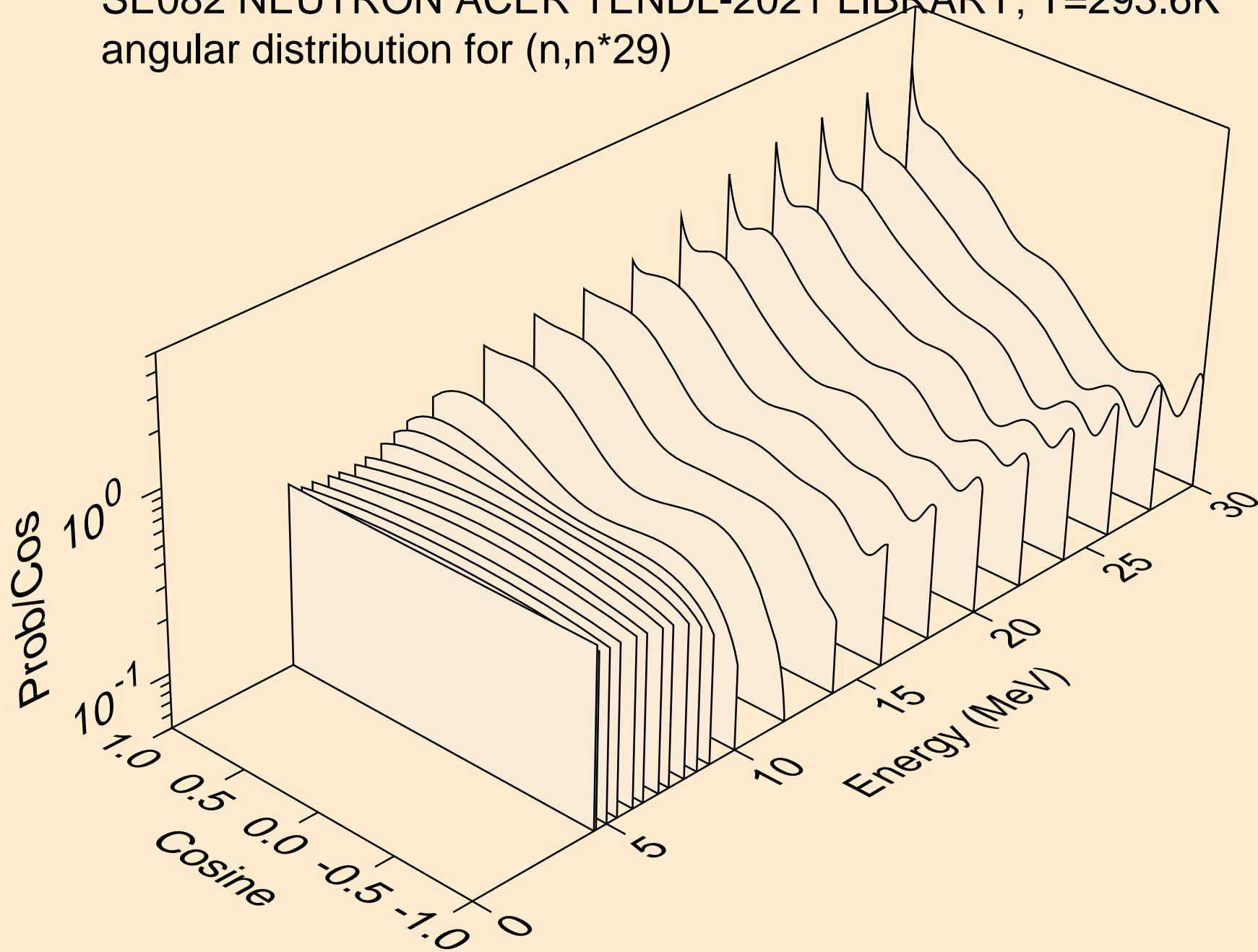
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angular distribution for (n,n\*27)



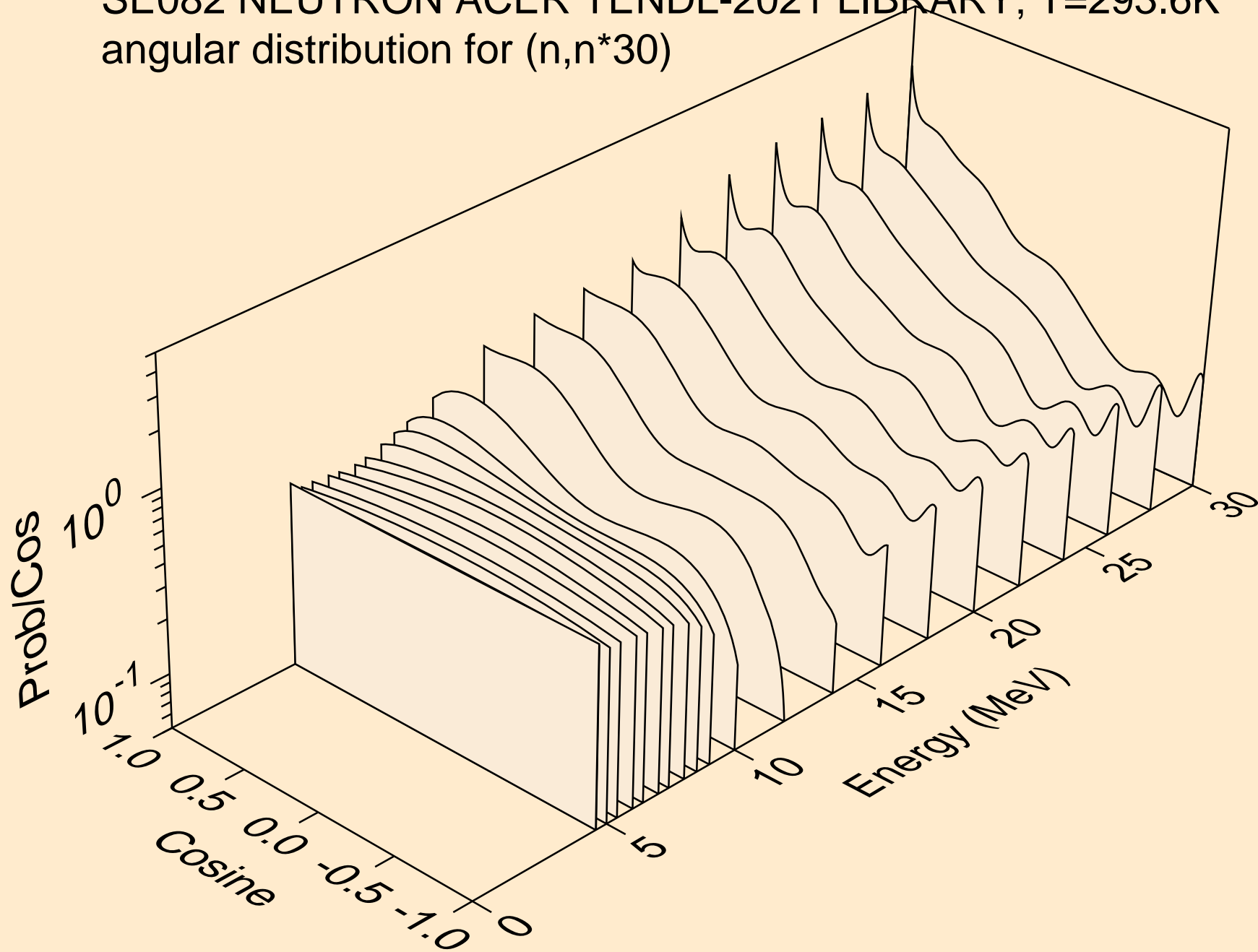
SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*28)



SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*29)

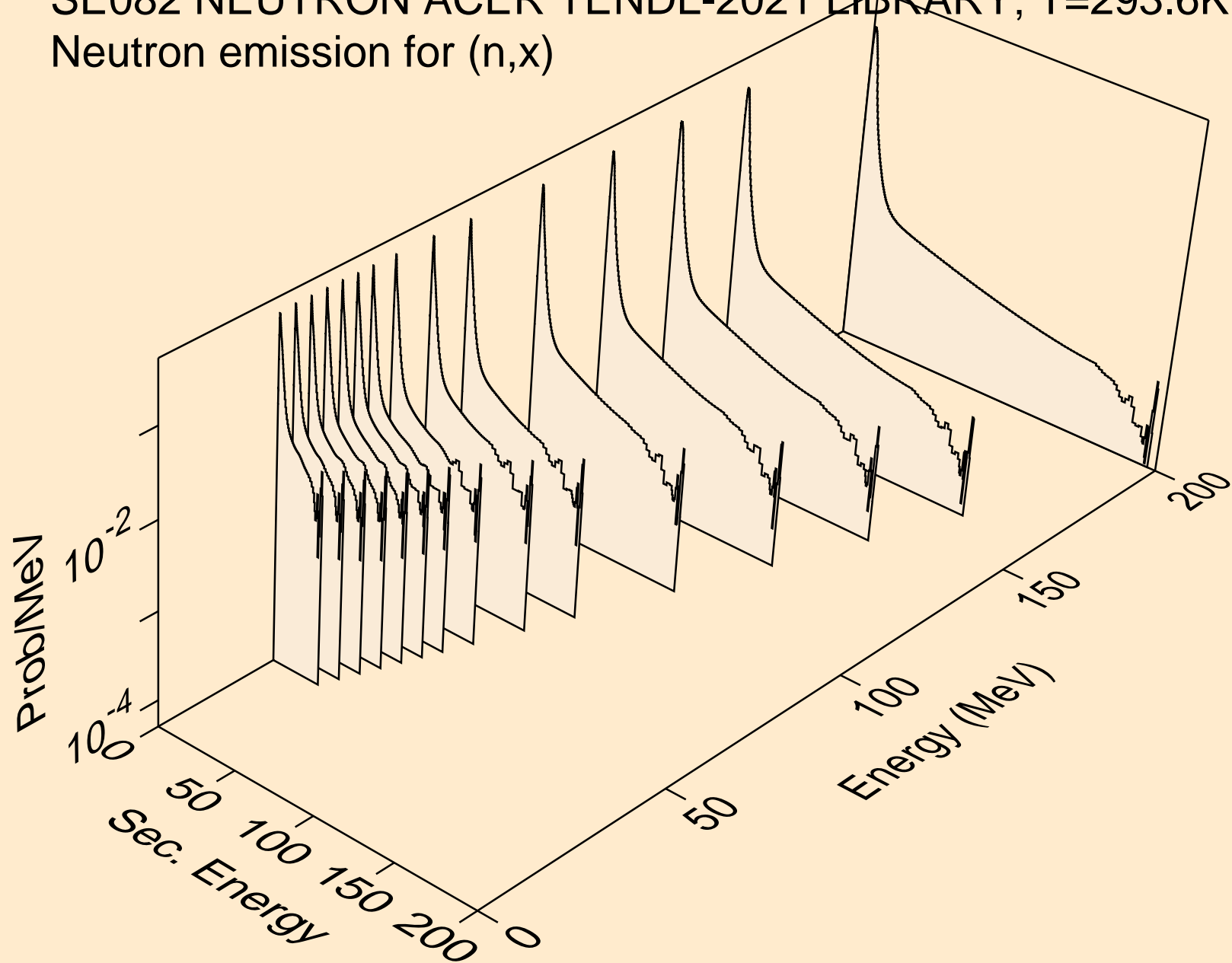


SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*30)

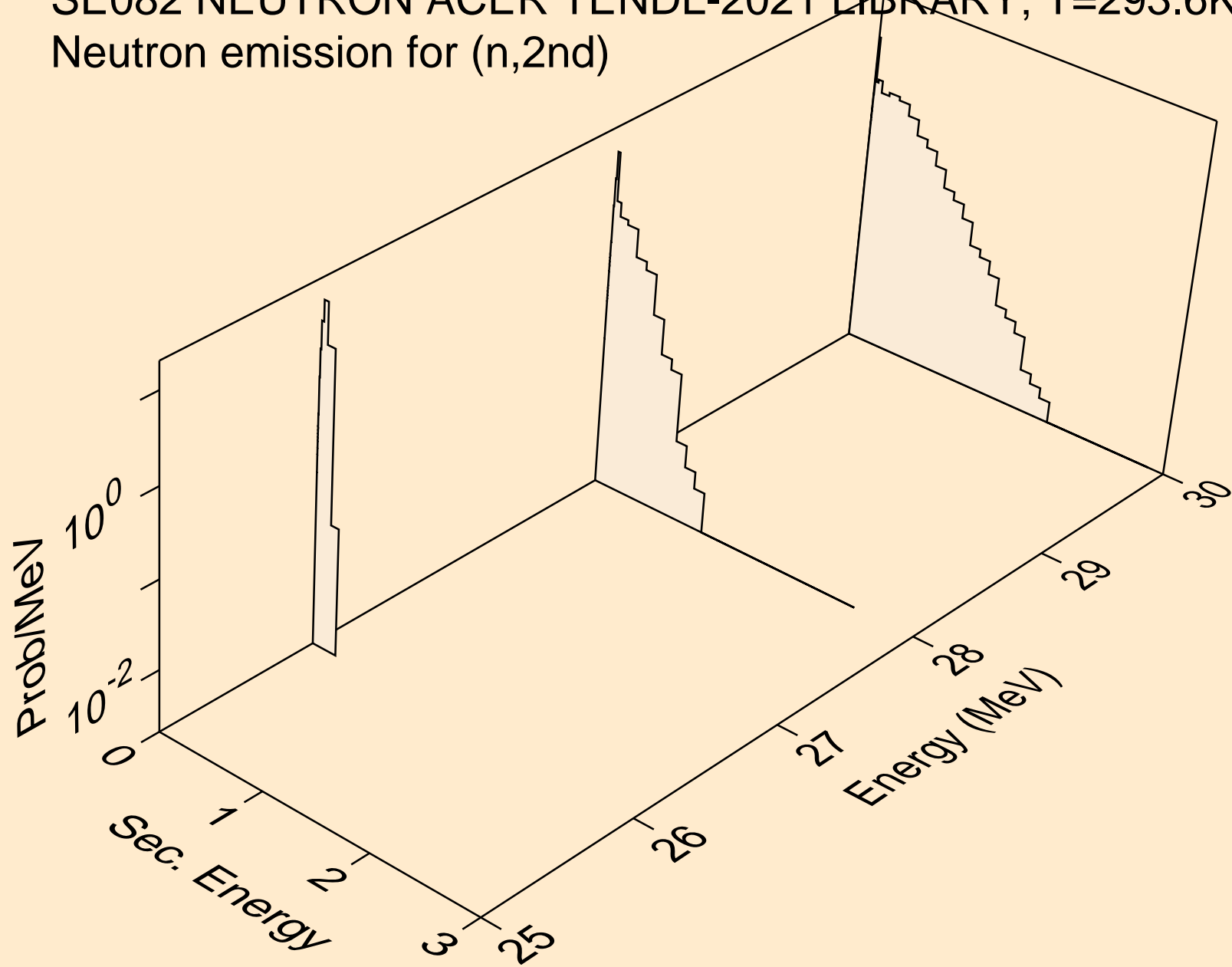




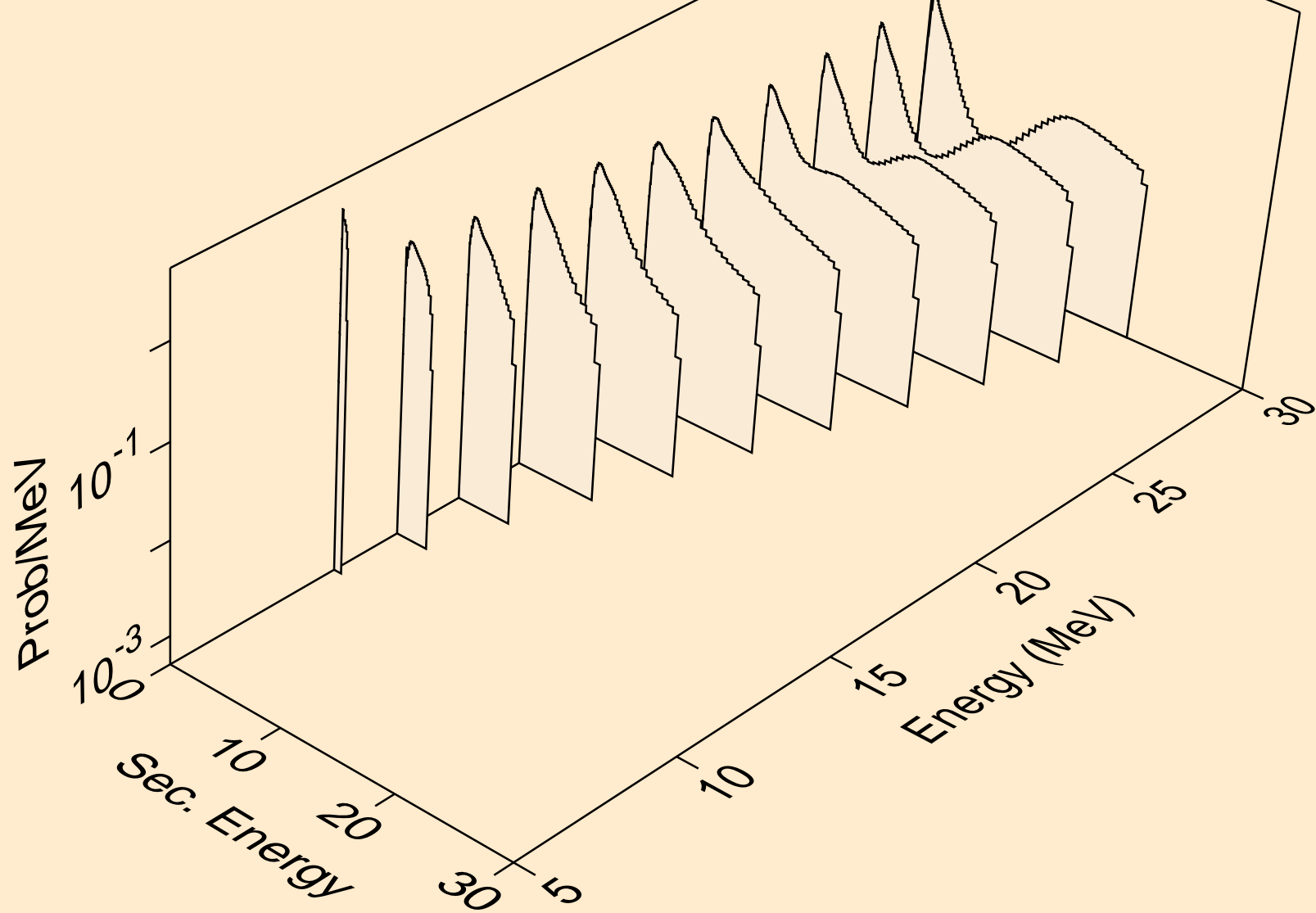
SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)



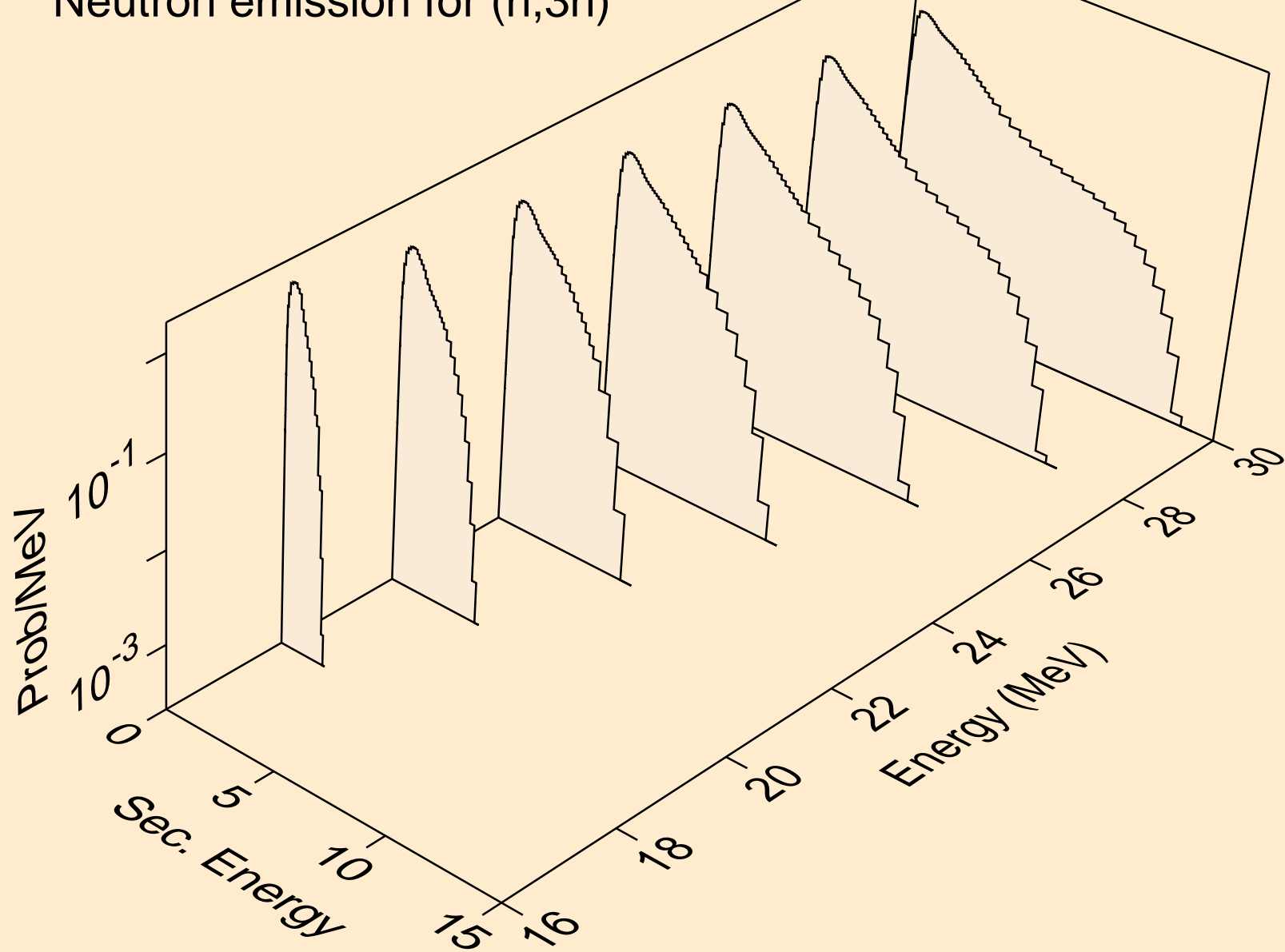
SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



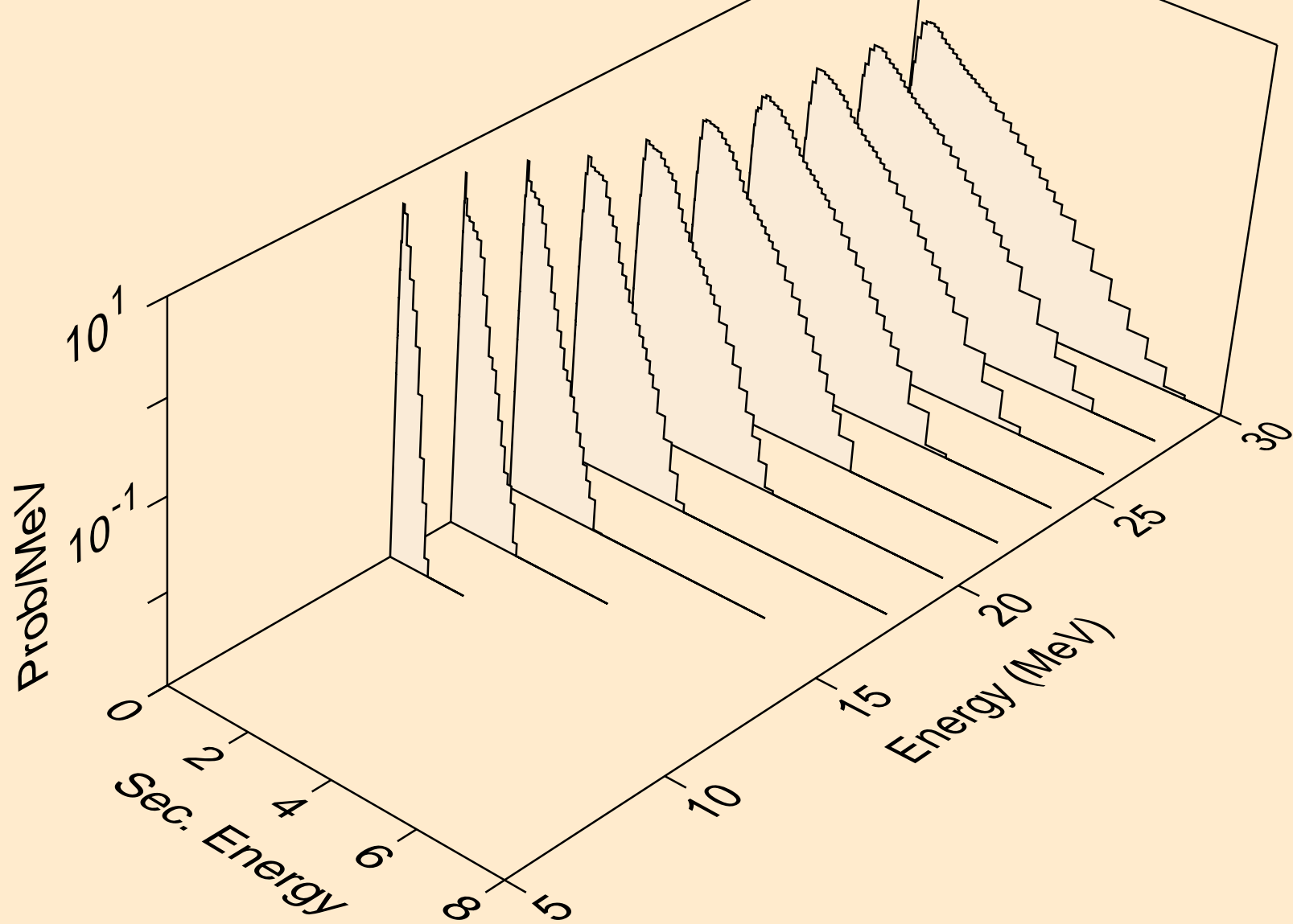
SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



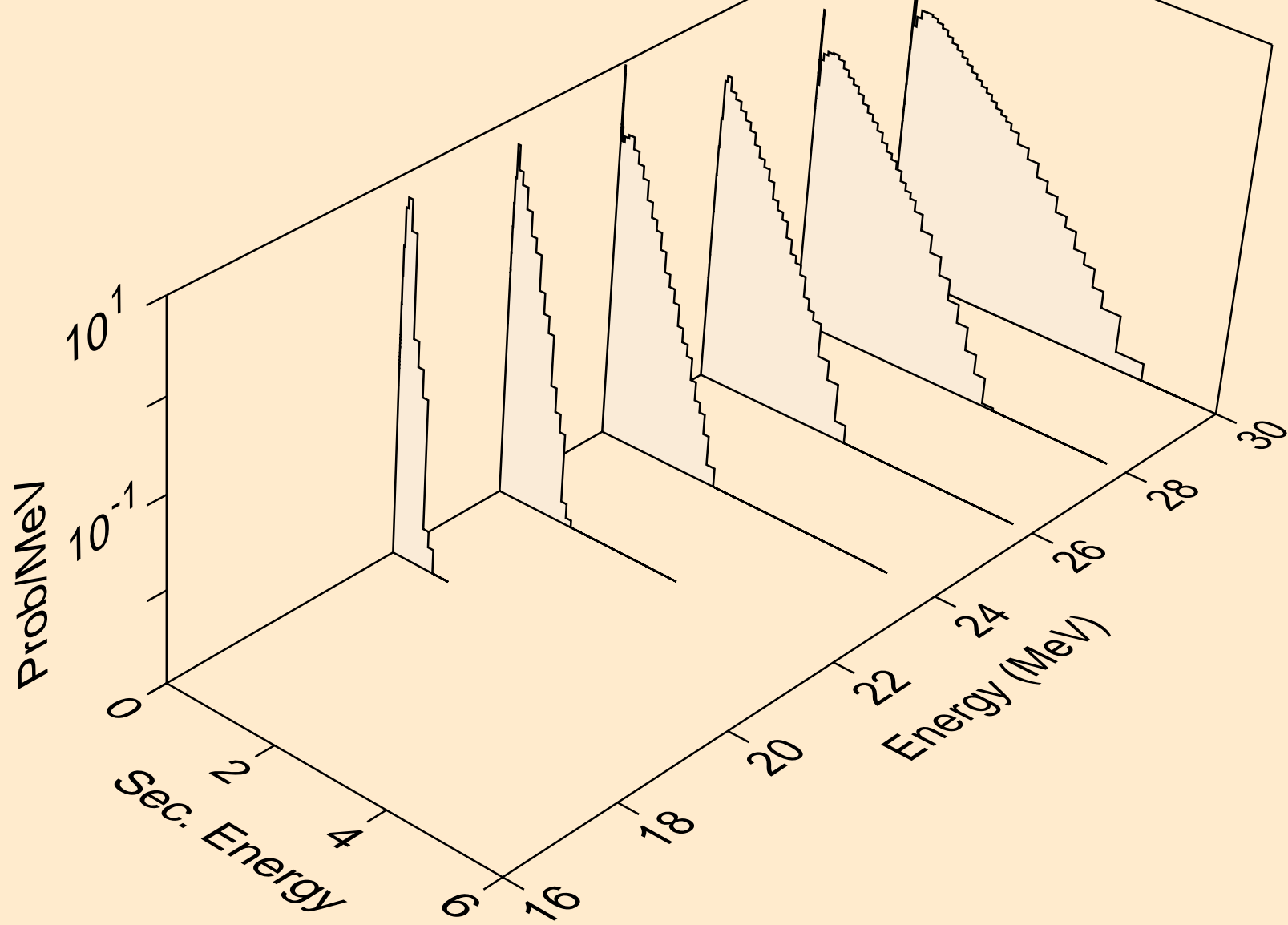
SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



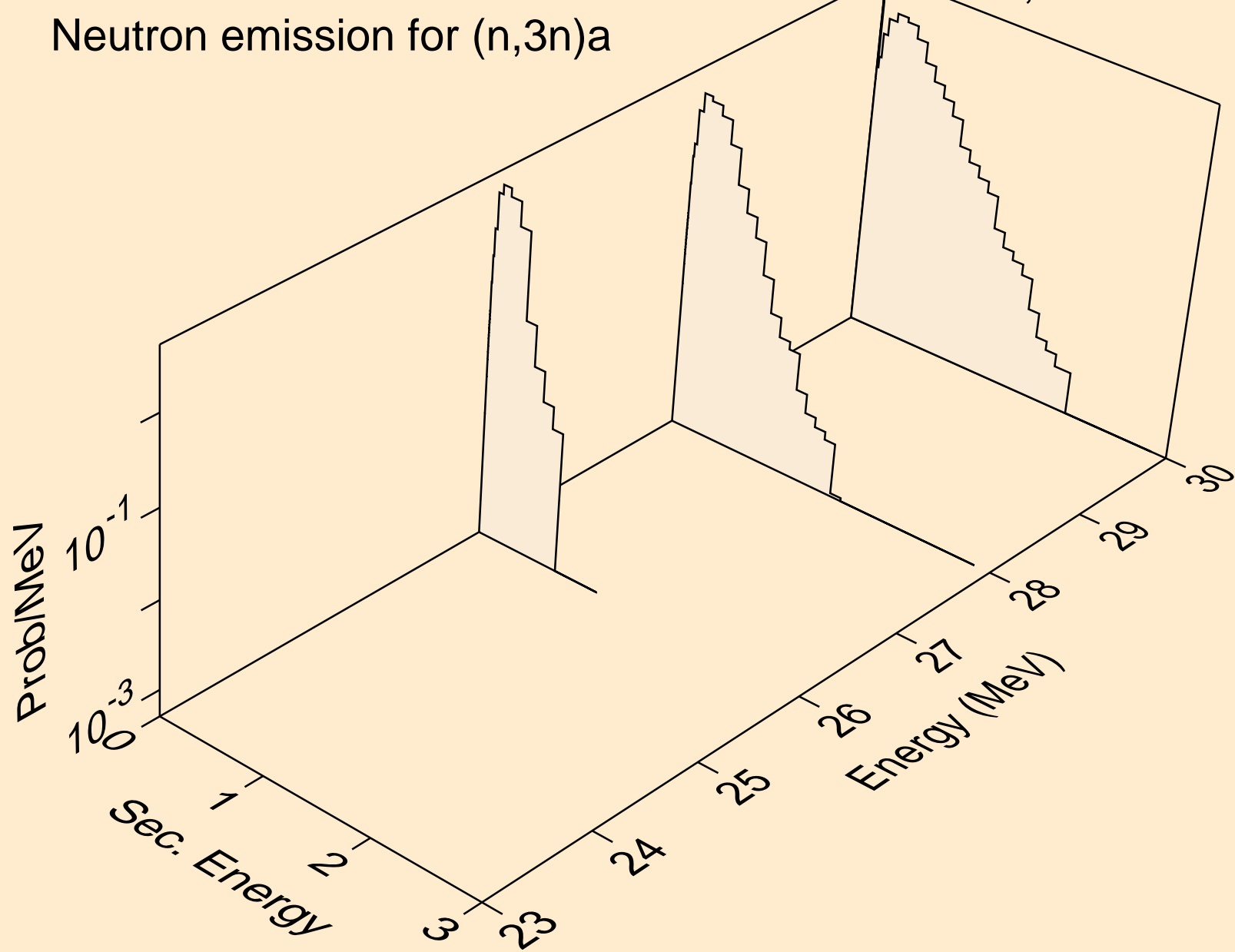
SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



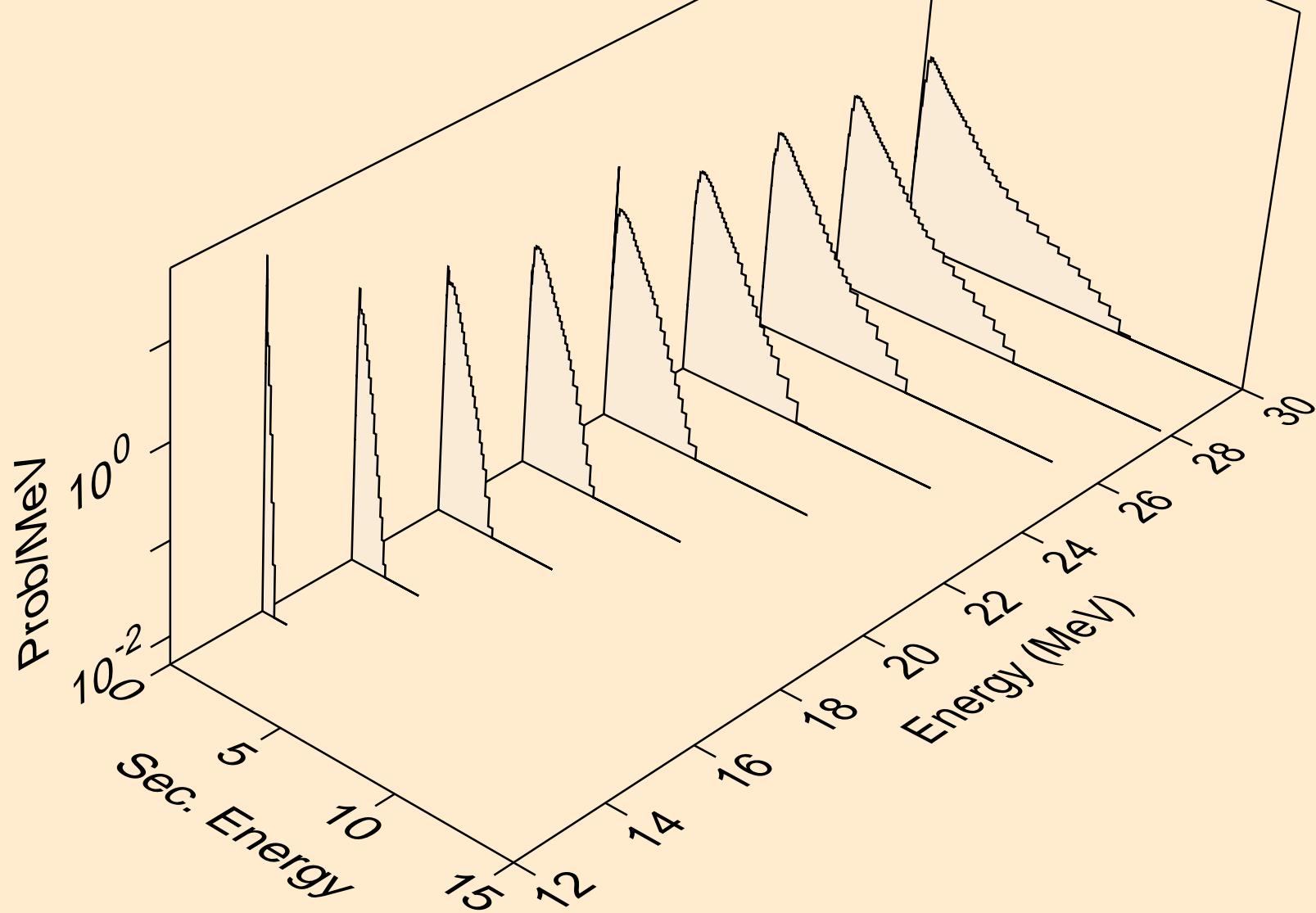
SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)a



SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)a

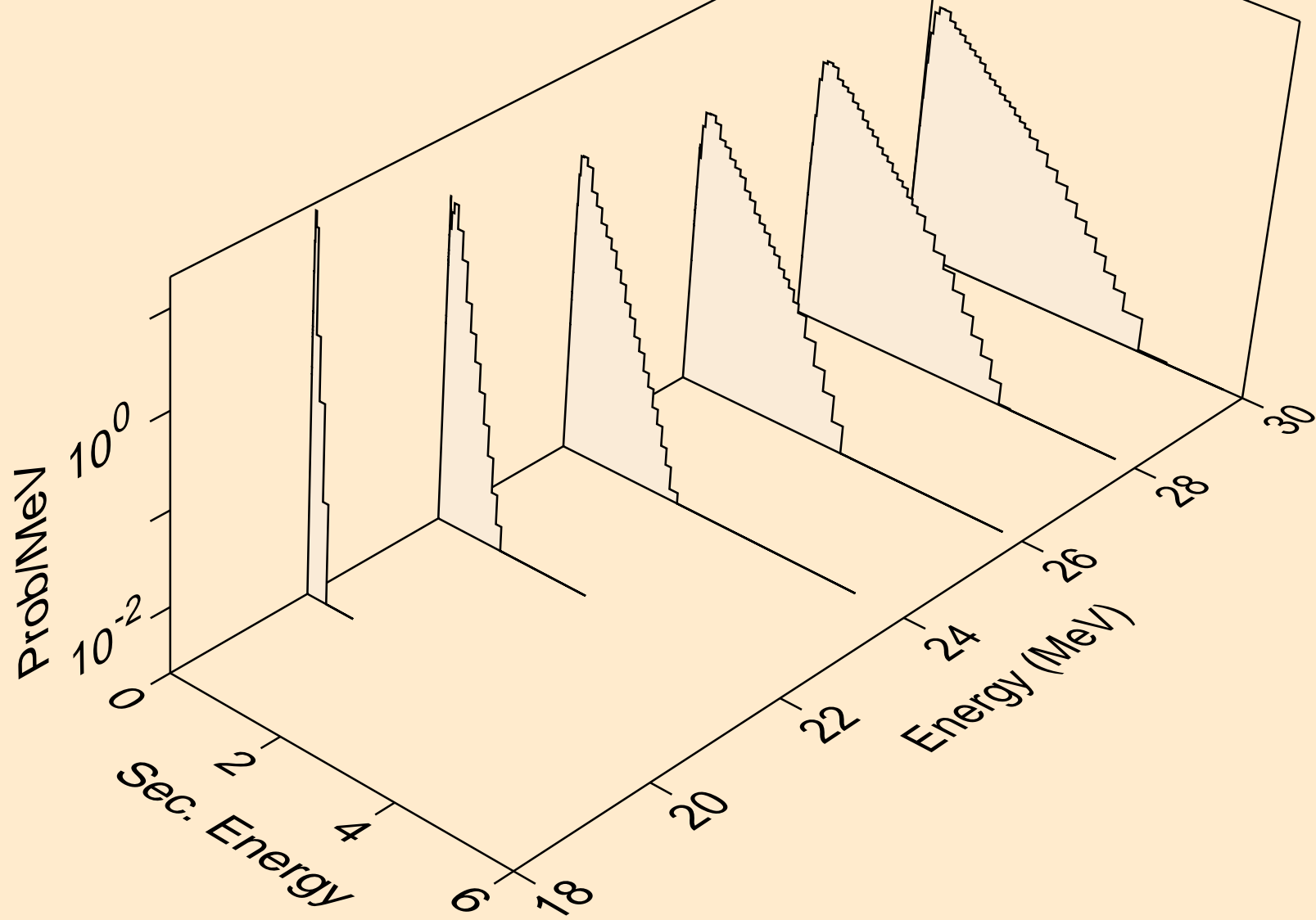


SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p

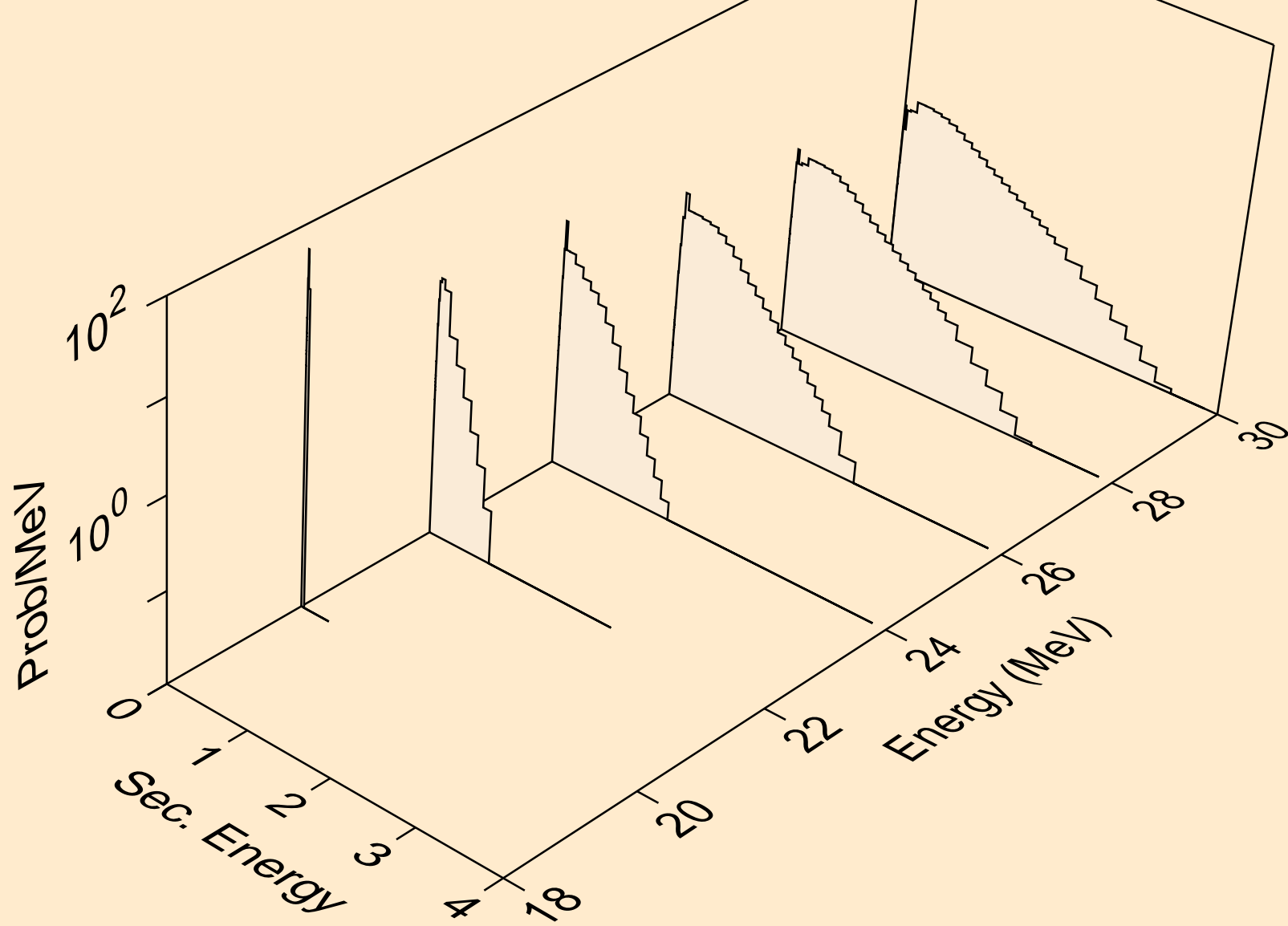




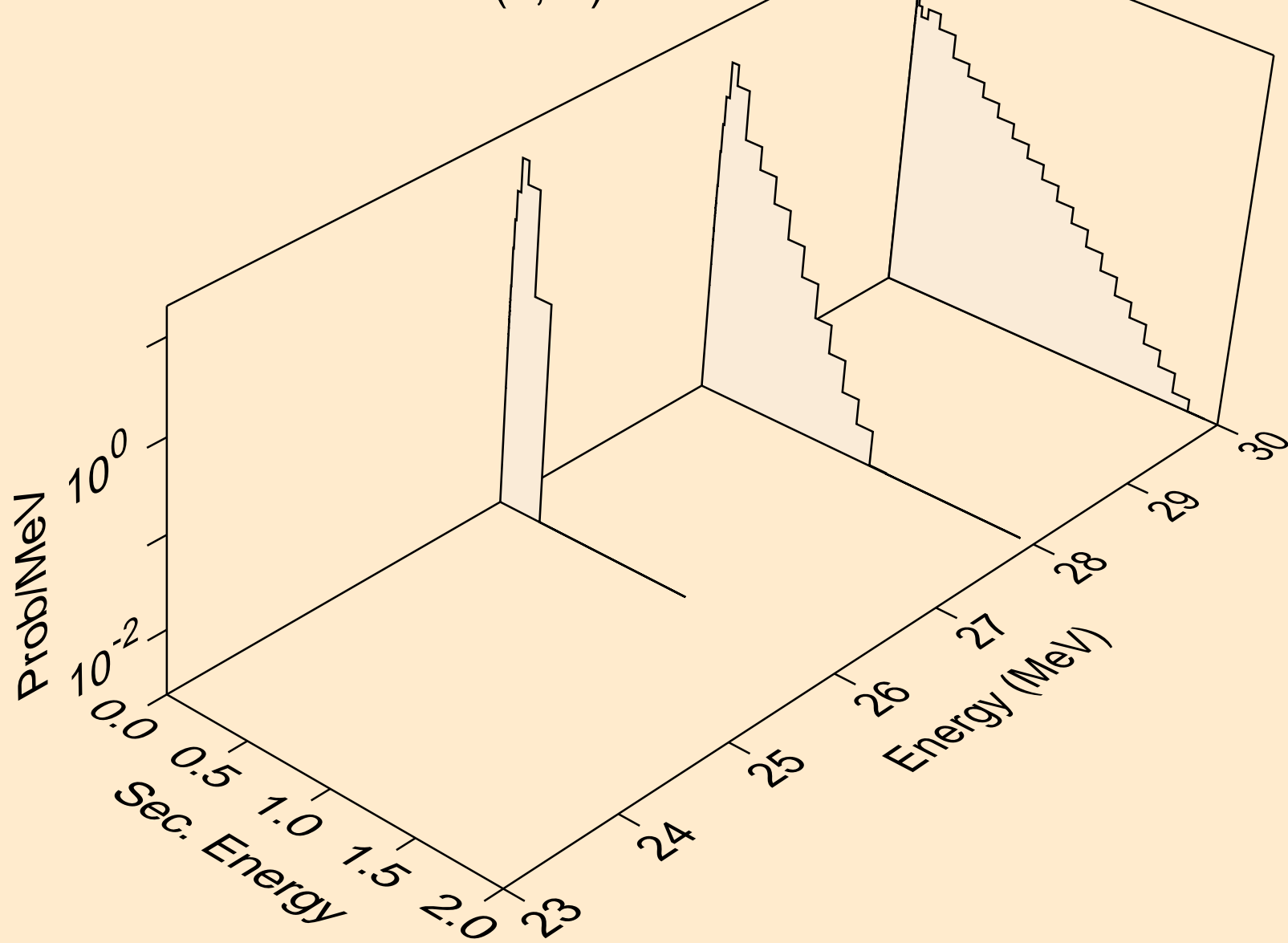
SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



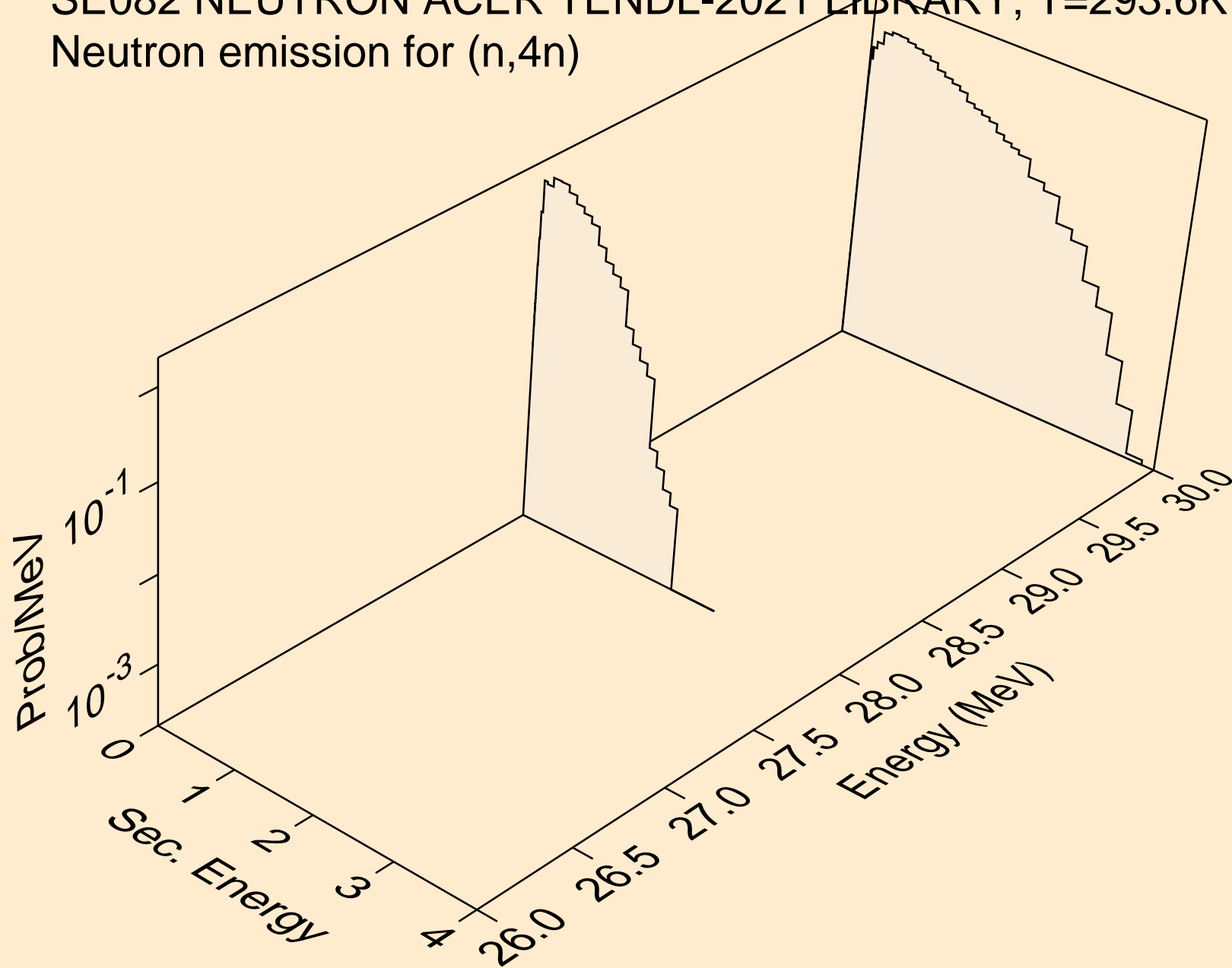
SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



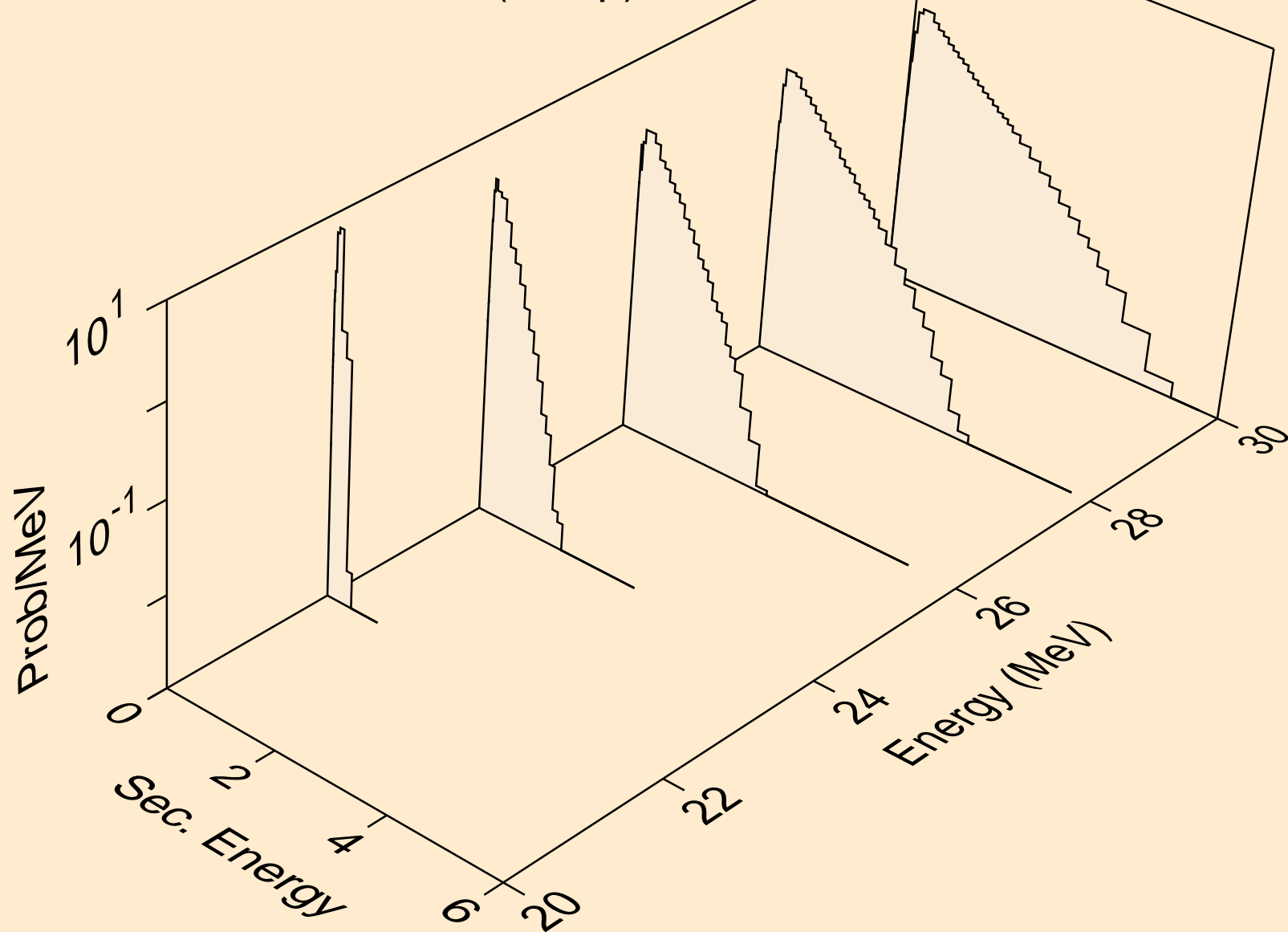
SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



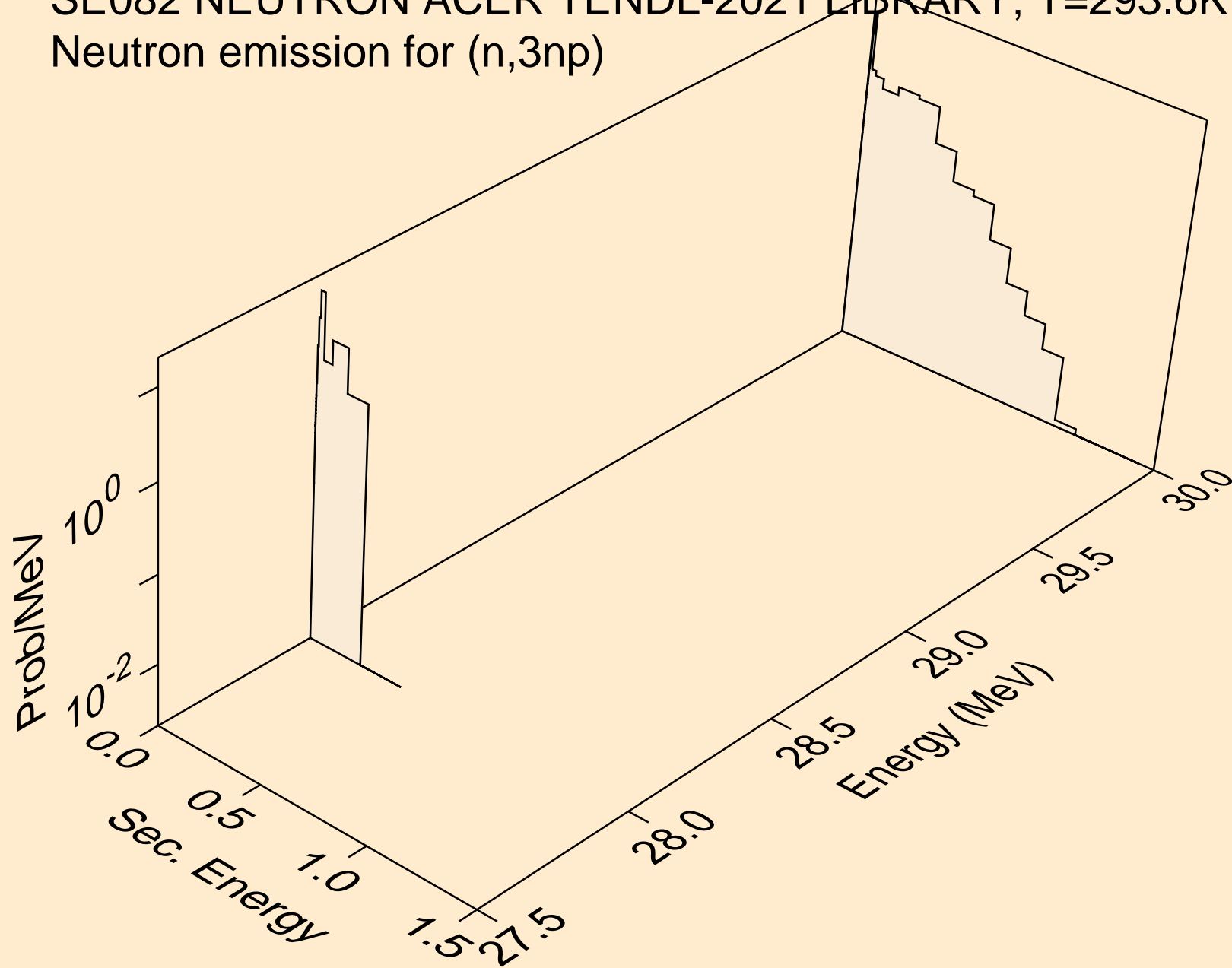
SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,4n)



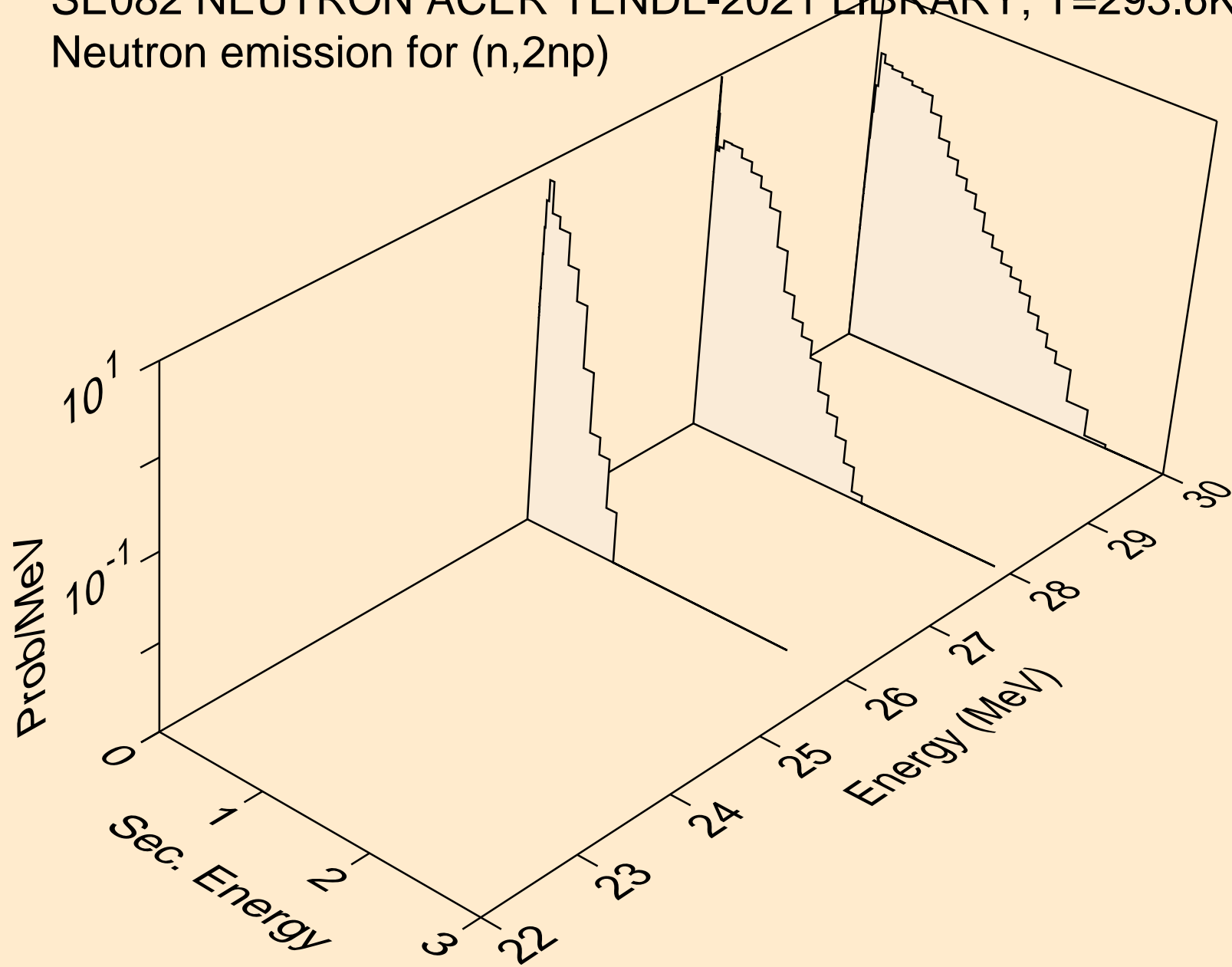
SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



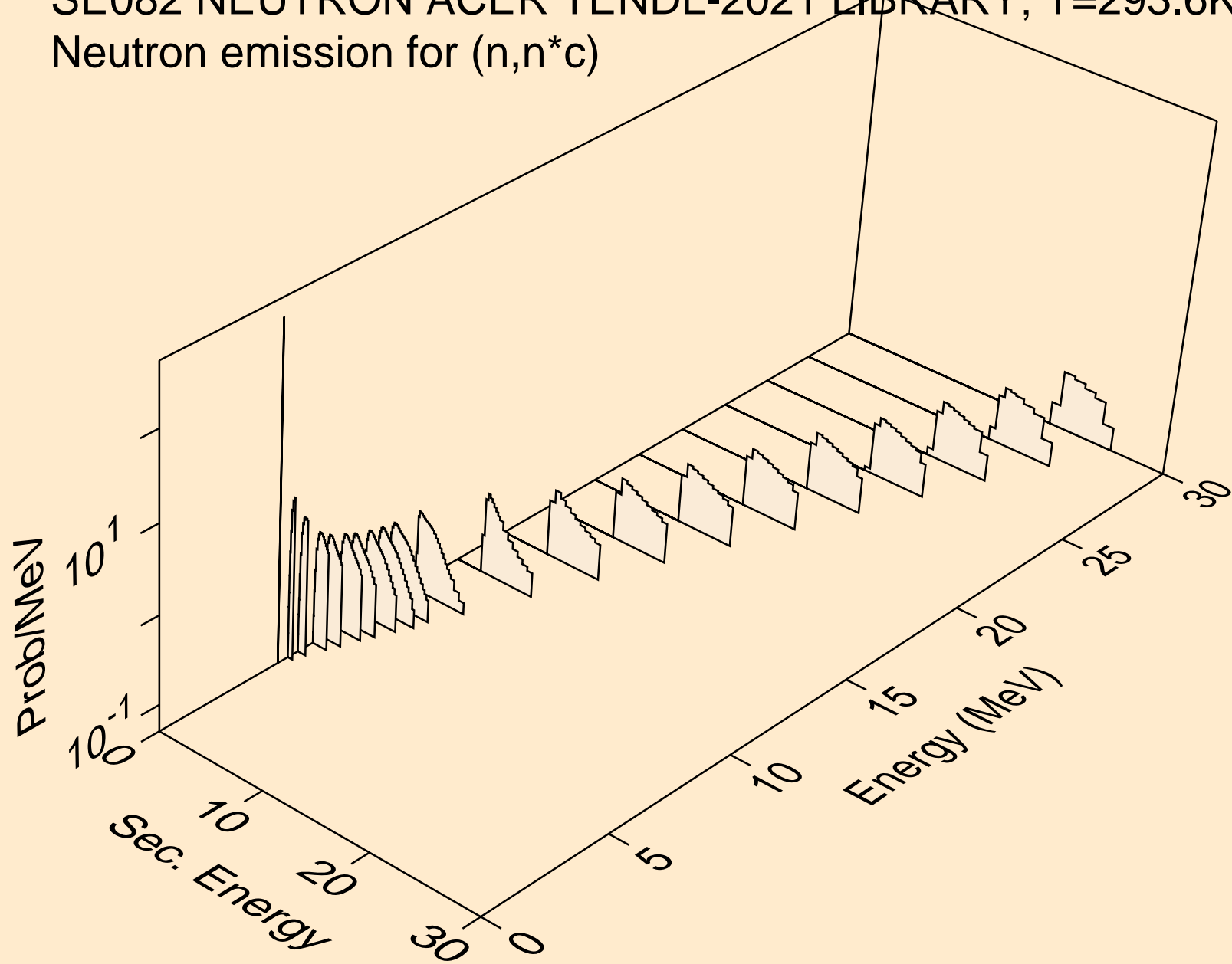
SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3np)



SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)

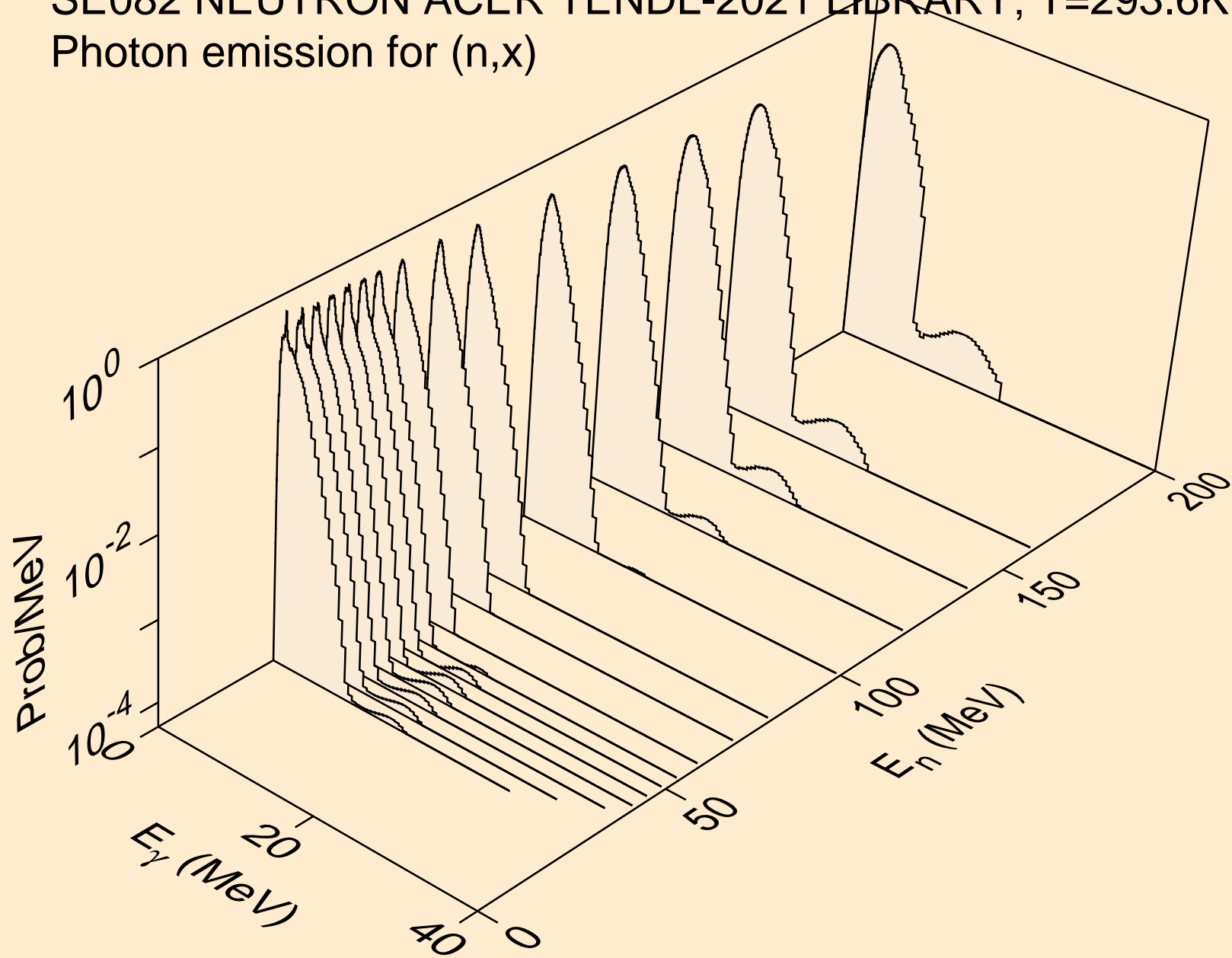


SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)

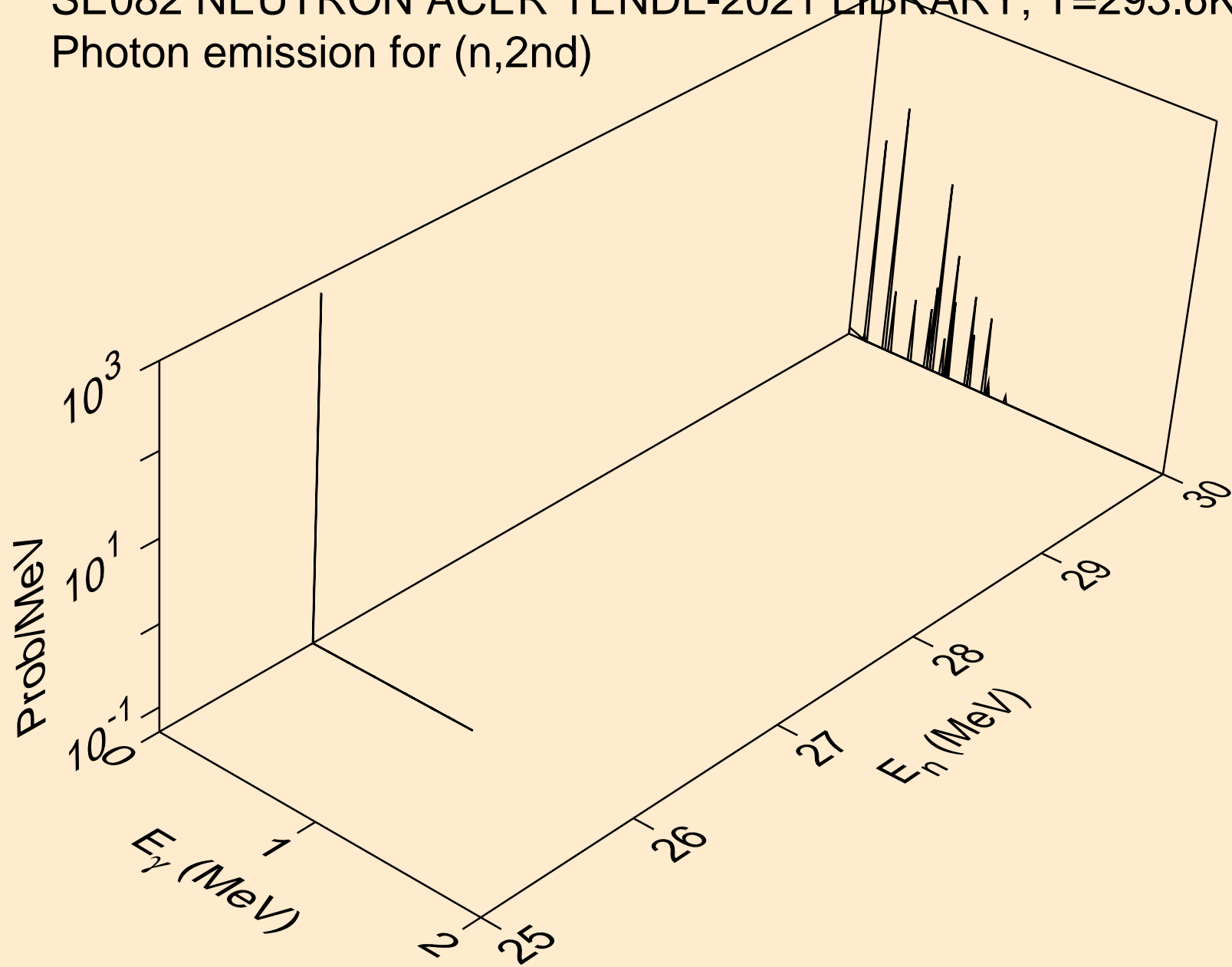




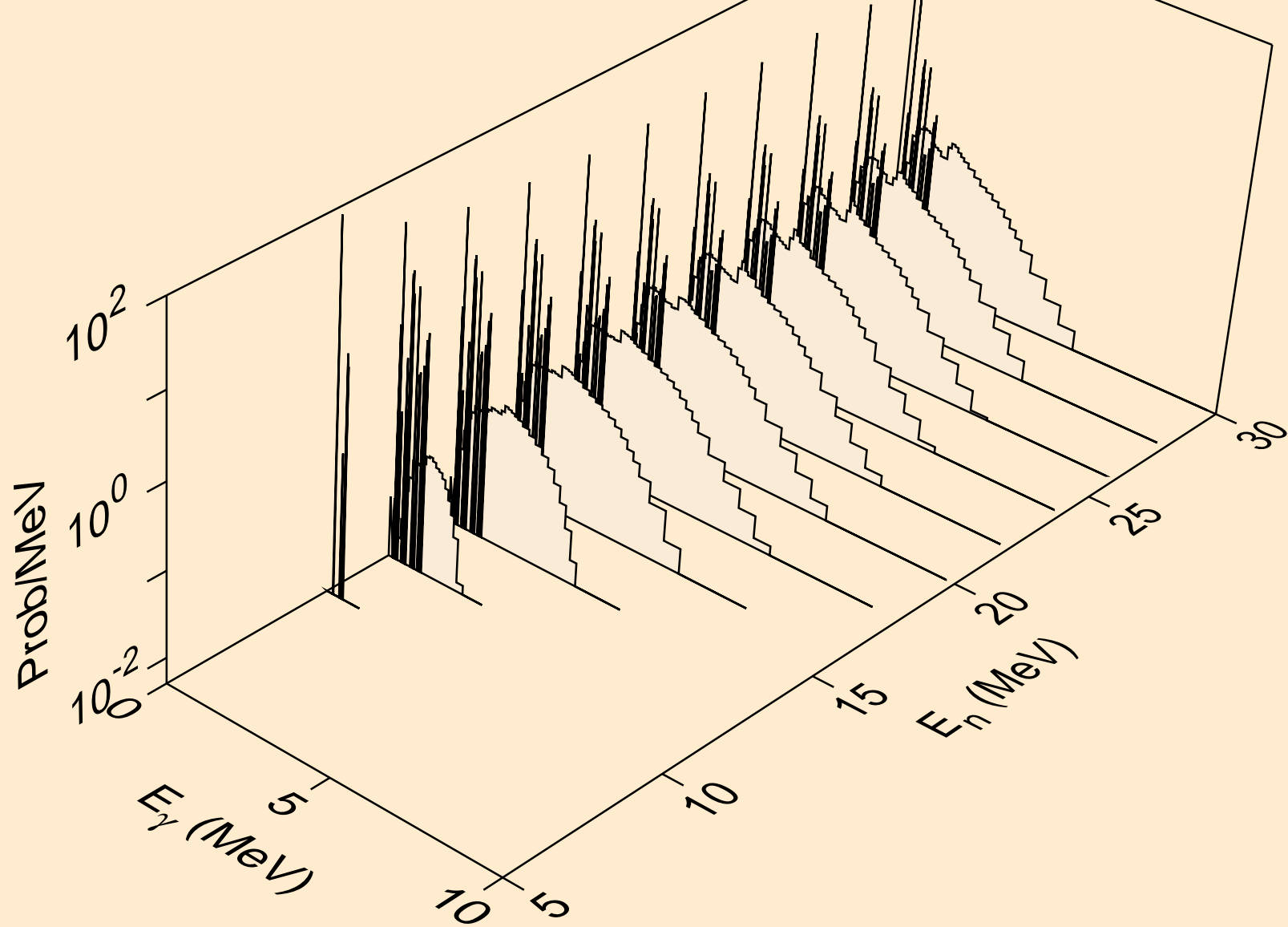
SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)



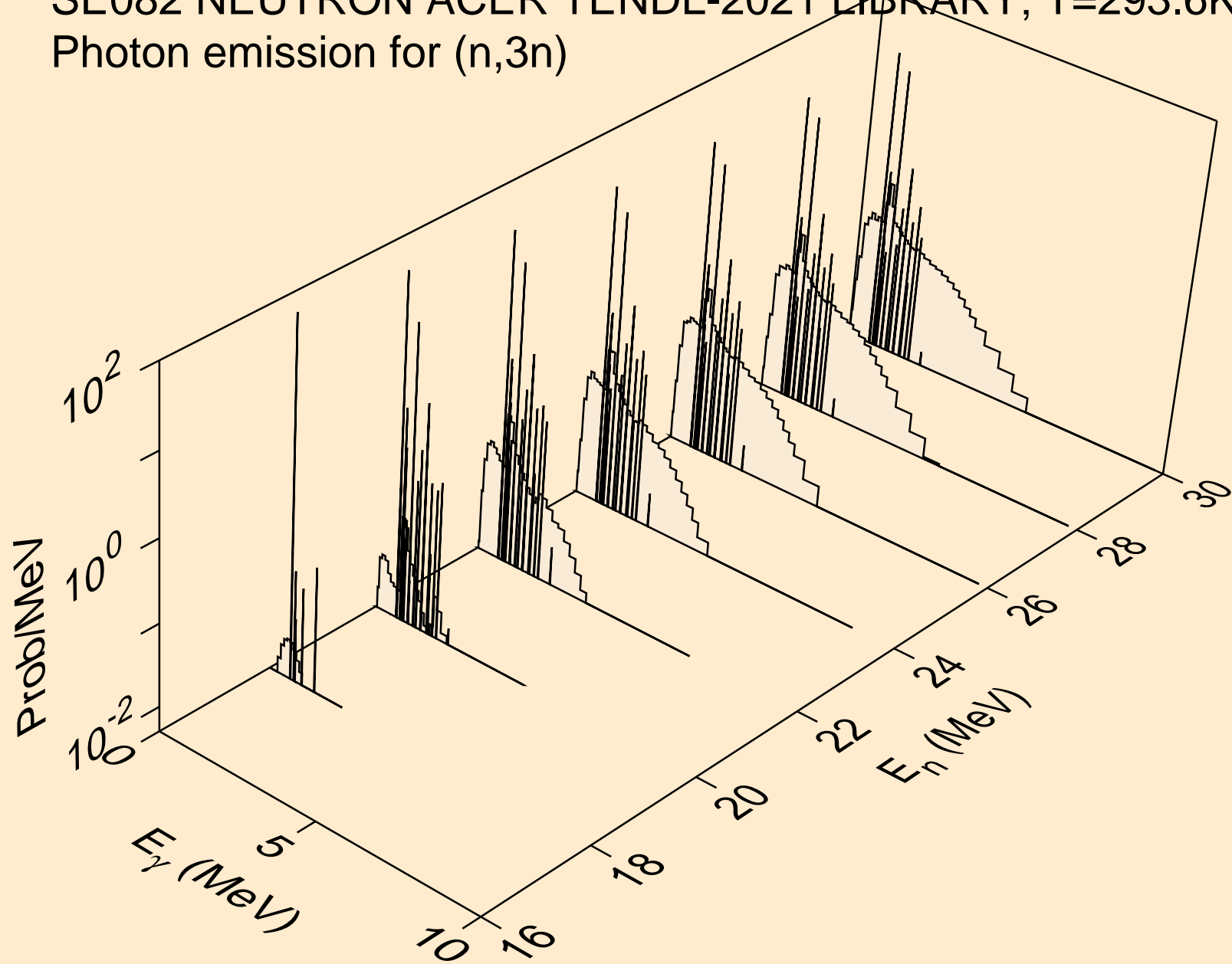
SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2nd)



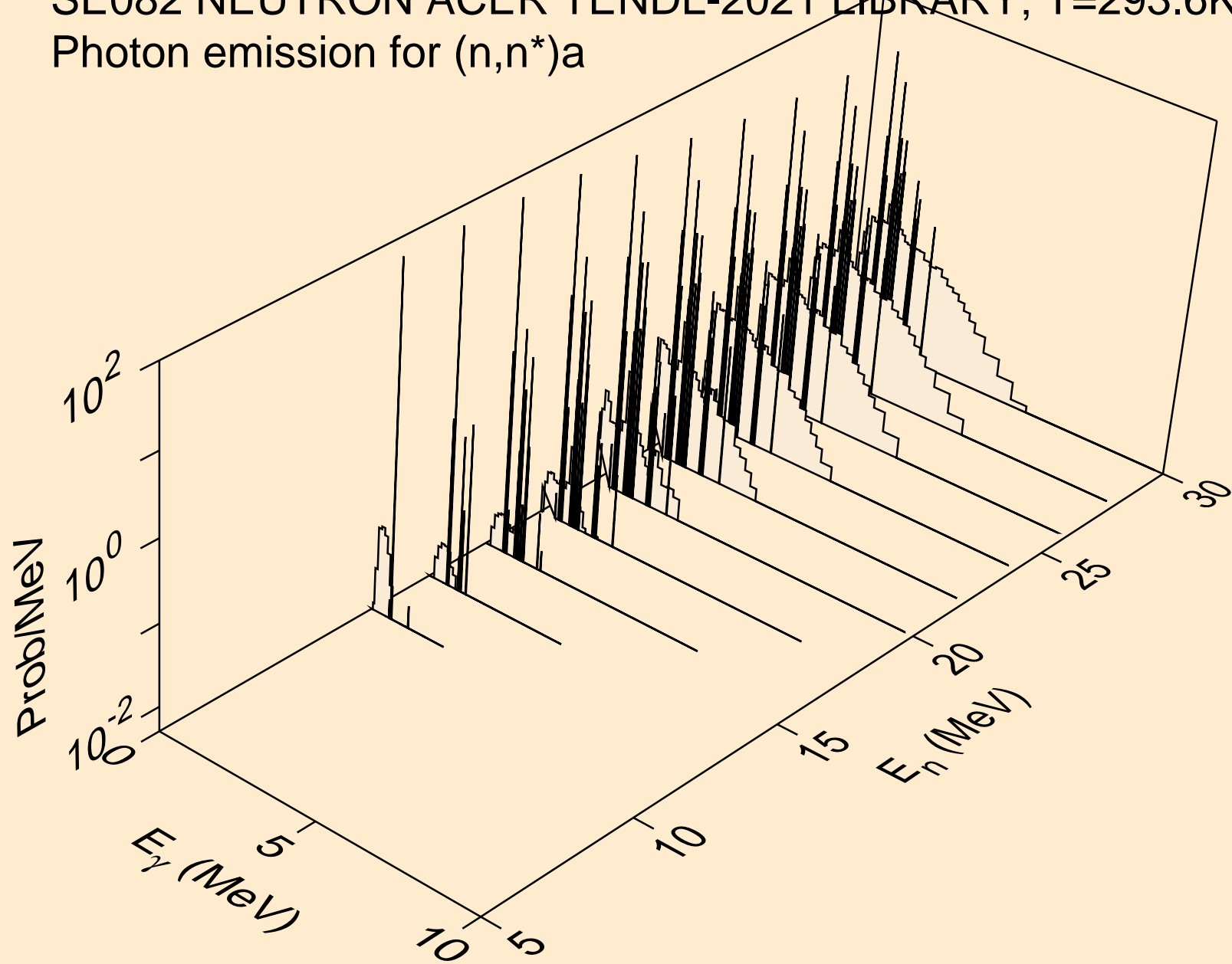
SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)



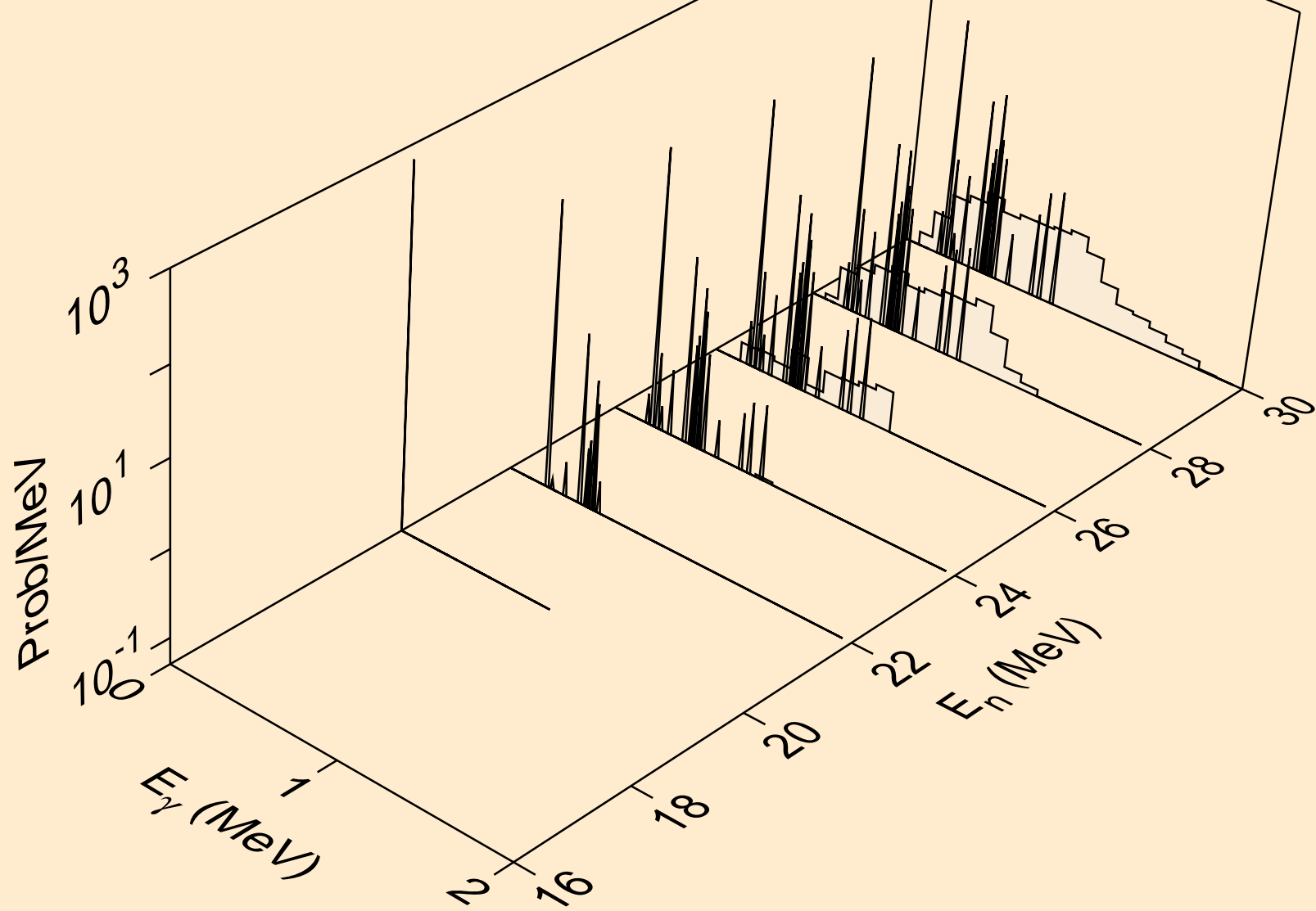
SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)



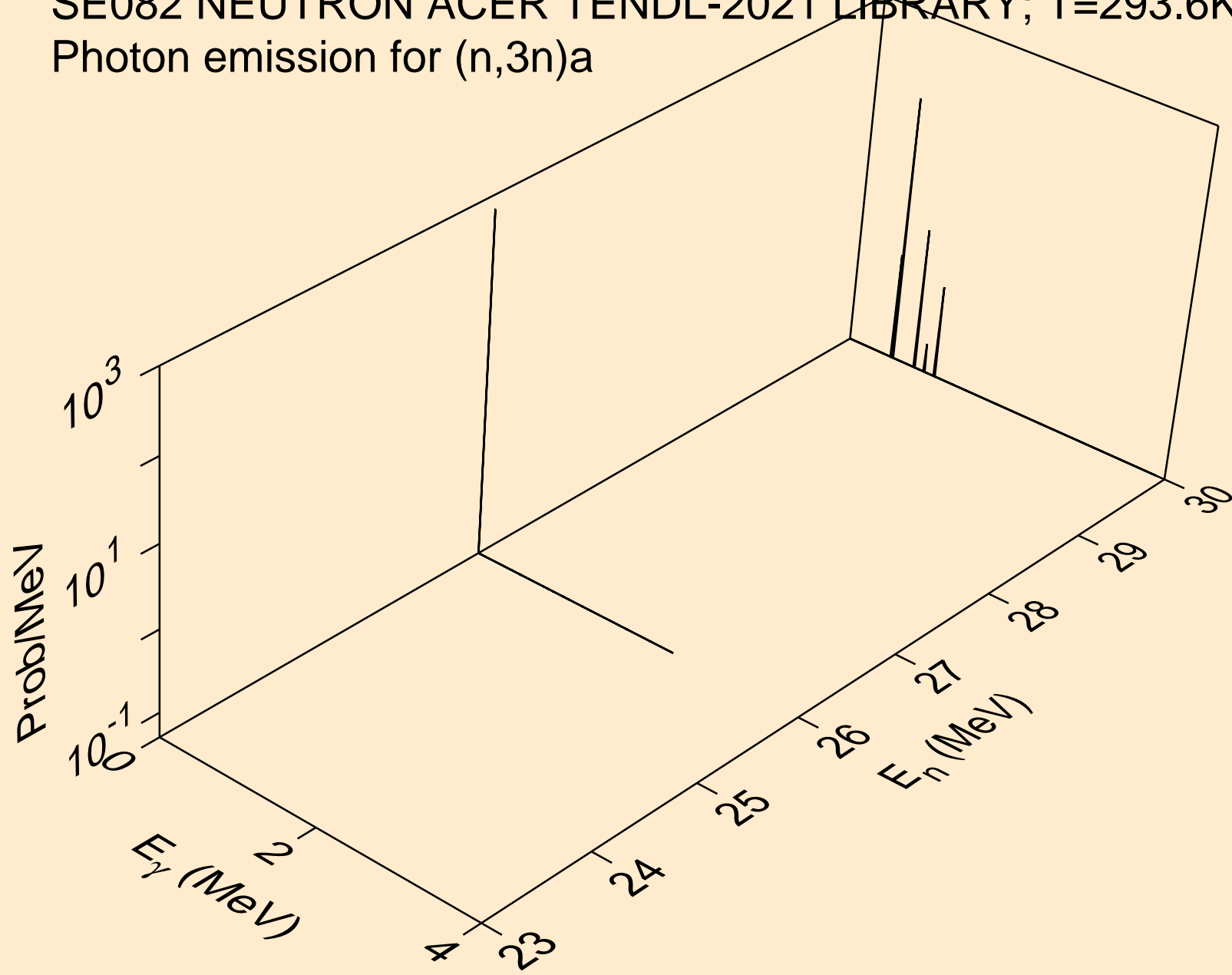
SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a



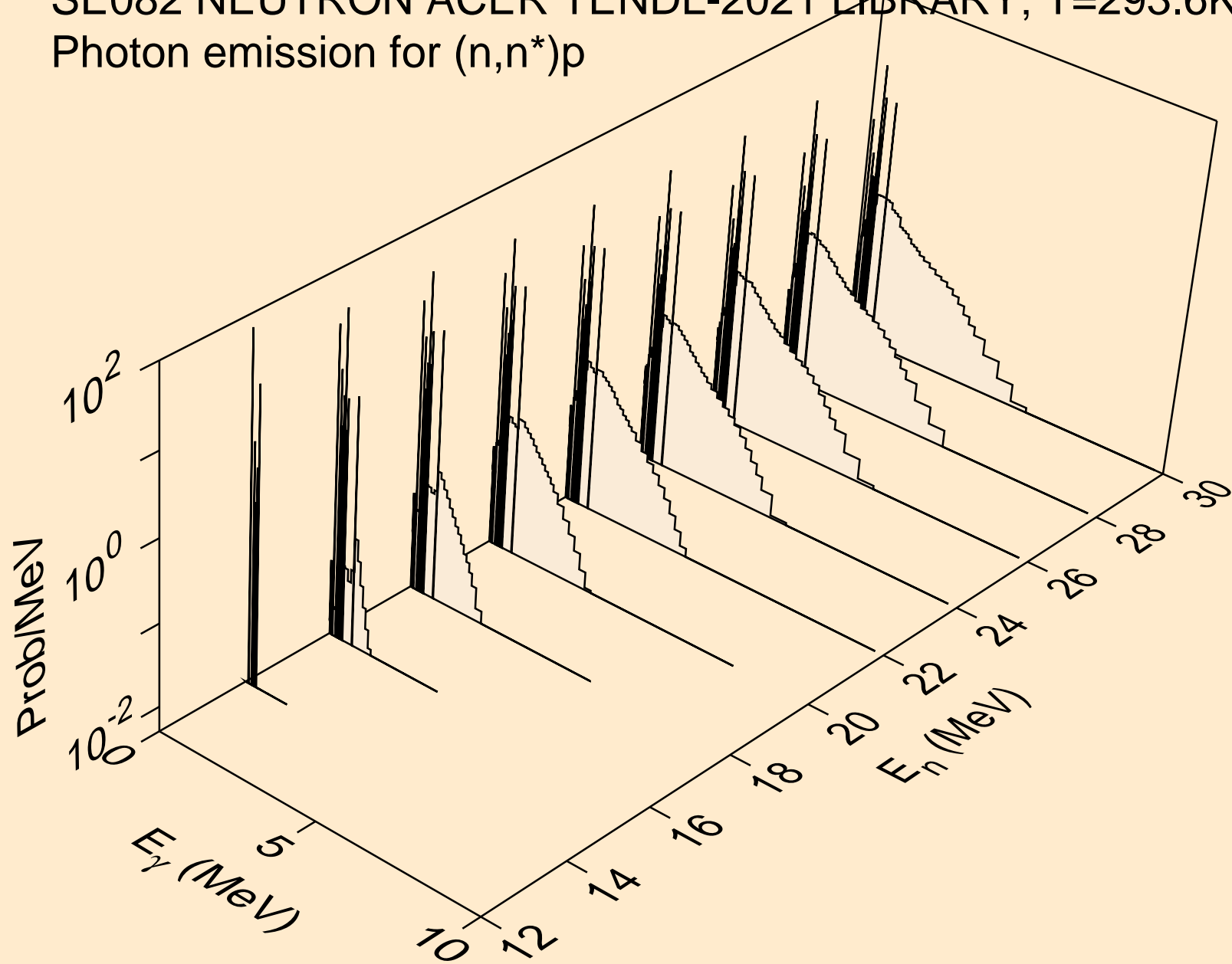
SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)a



SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)a

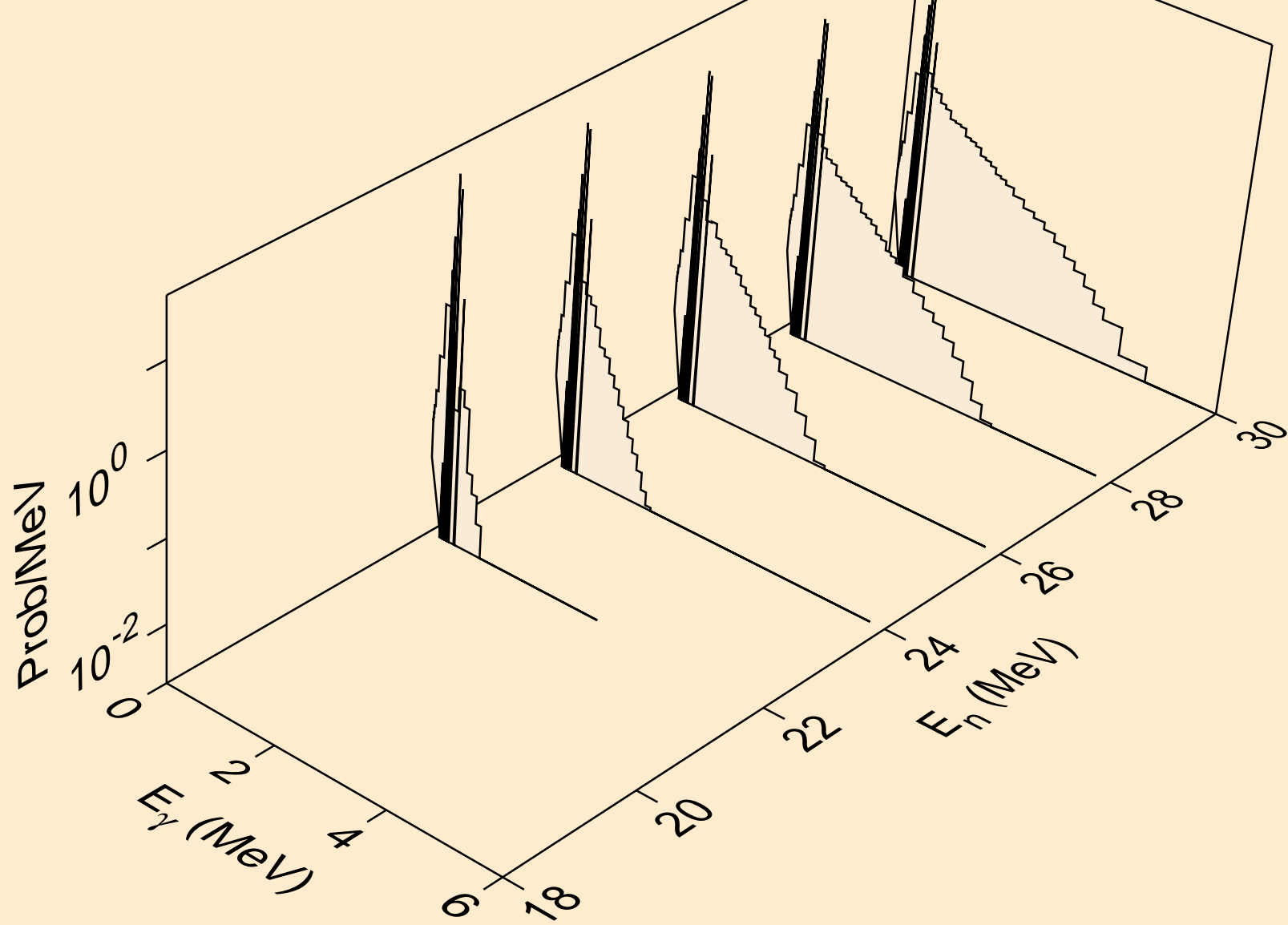


SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p

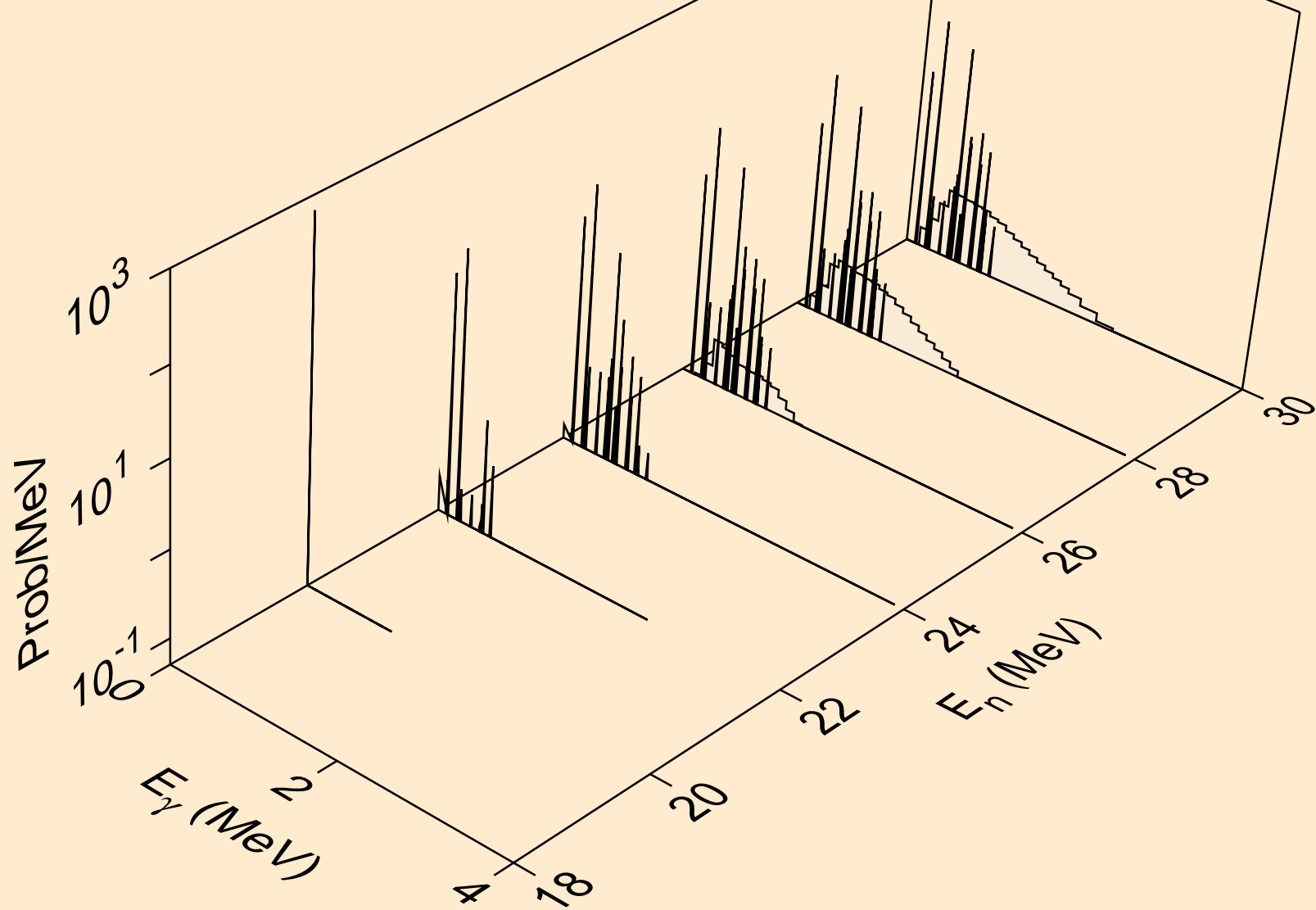




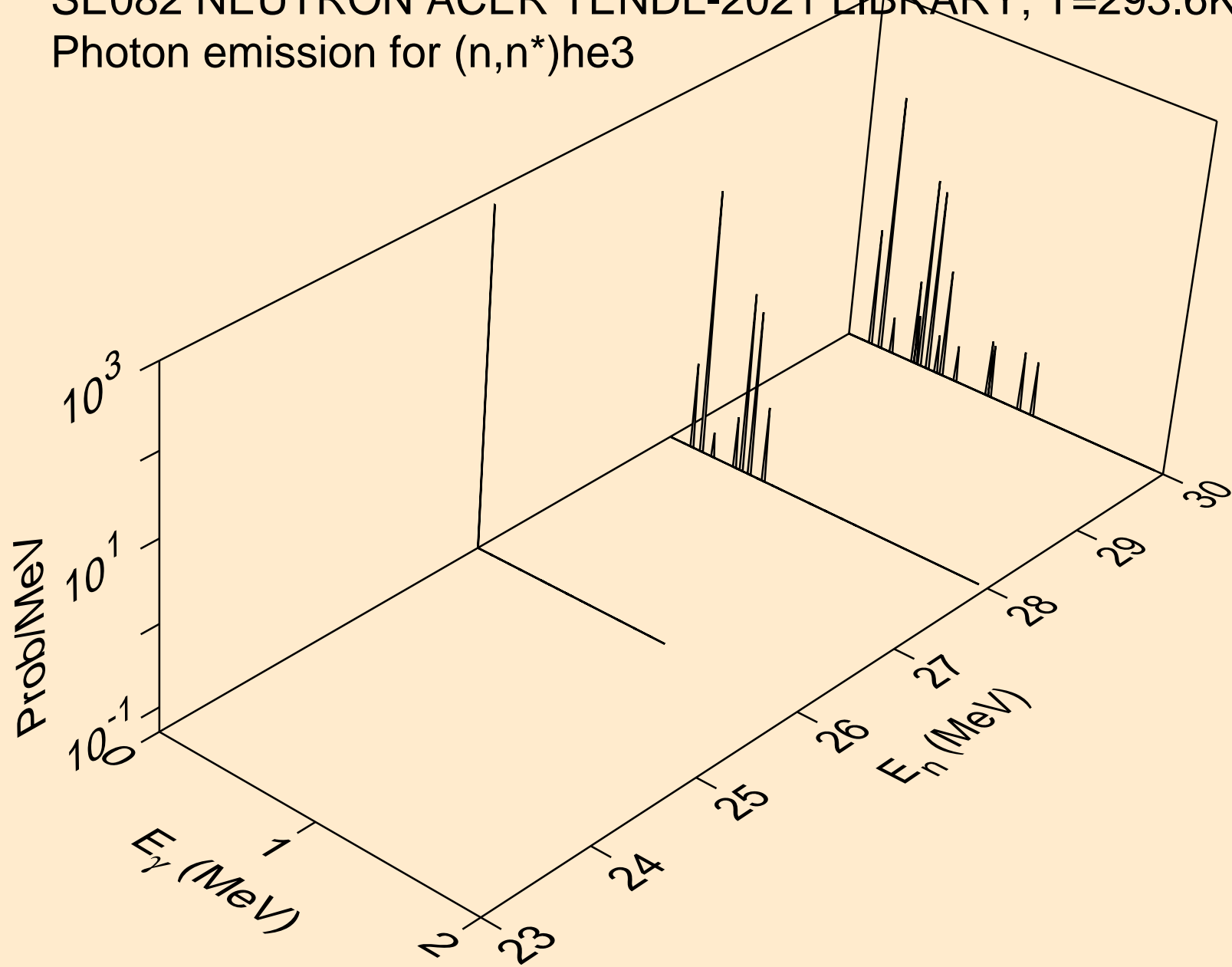
SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d



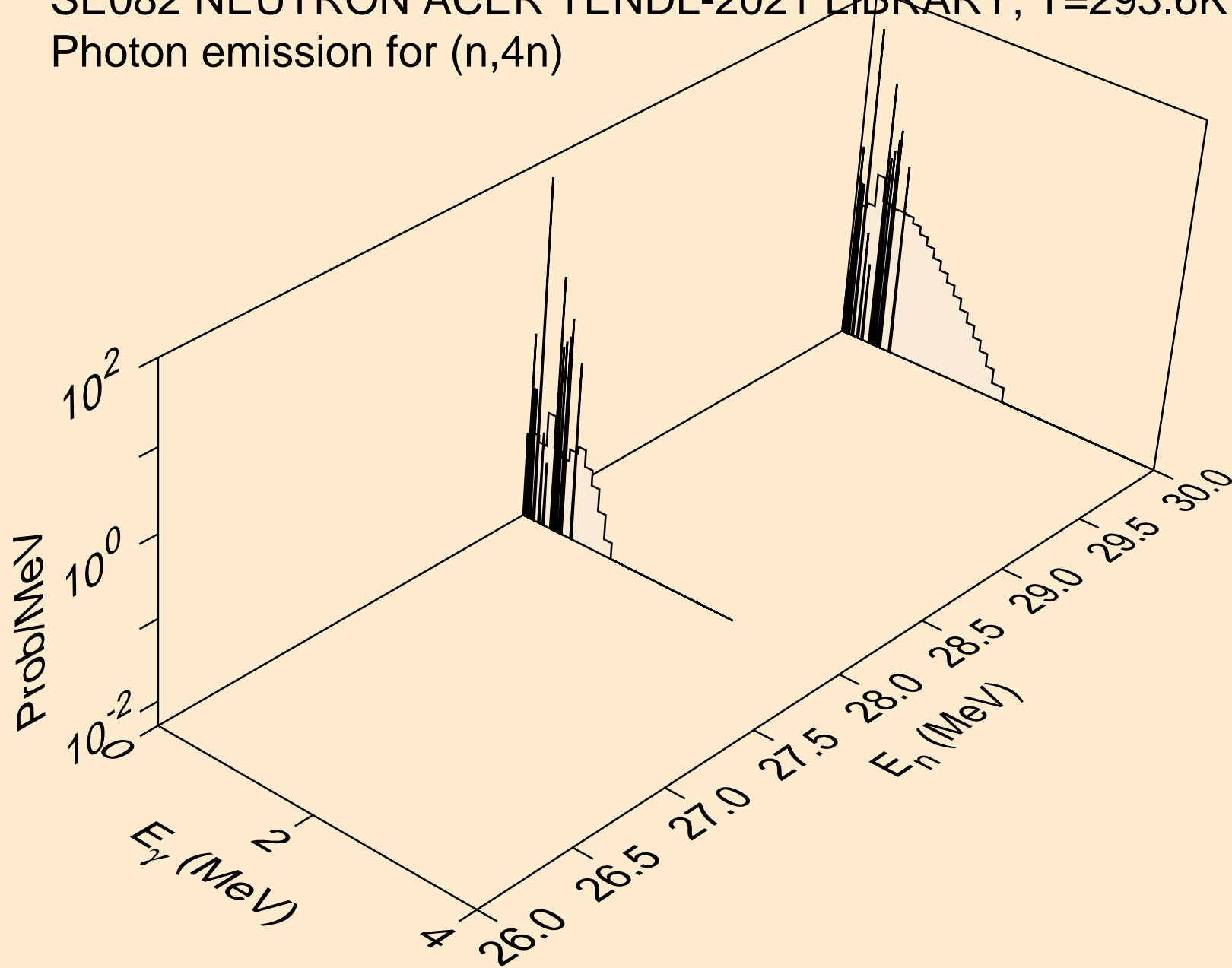
SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t



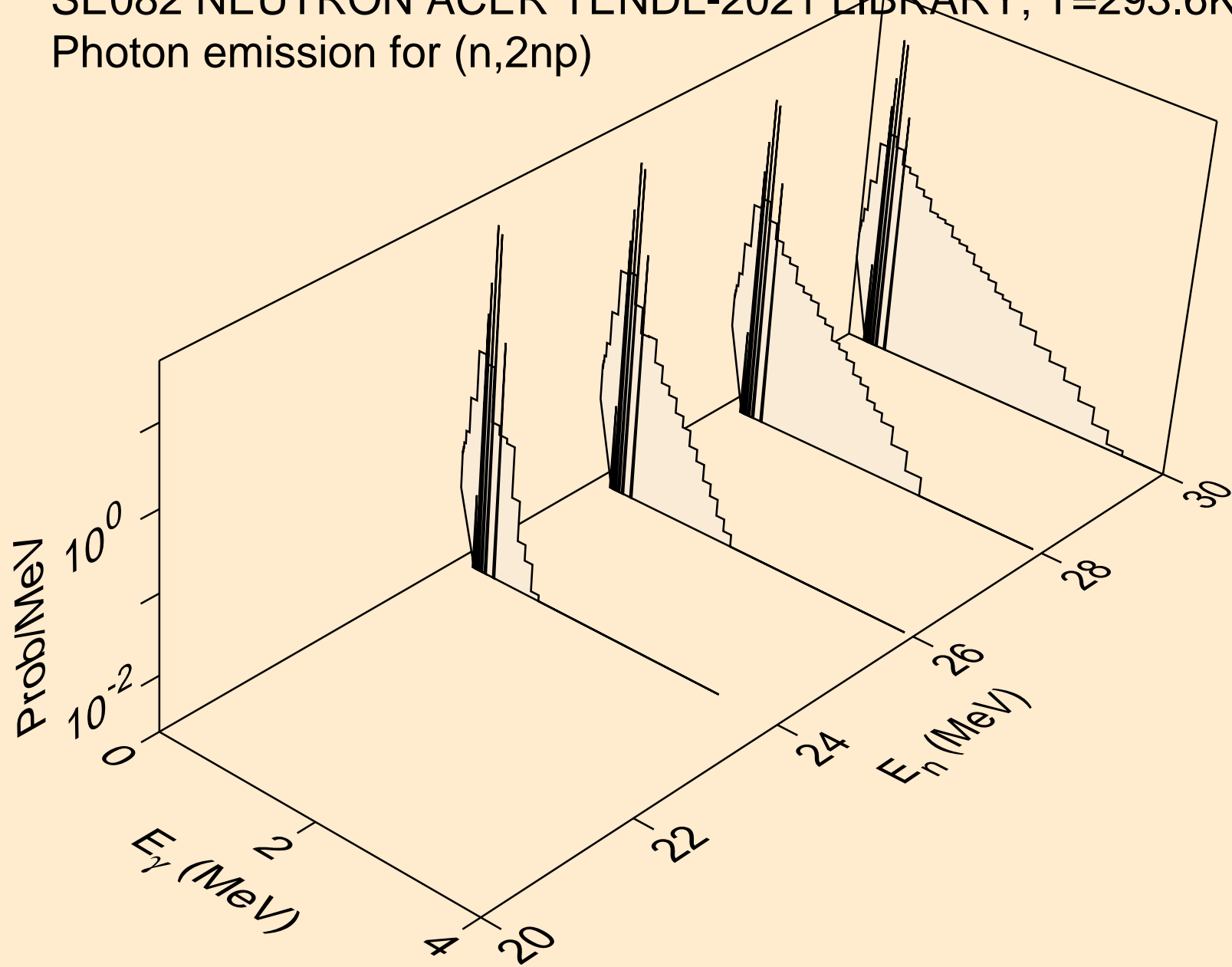
SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



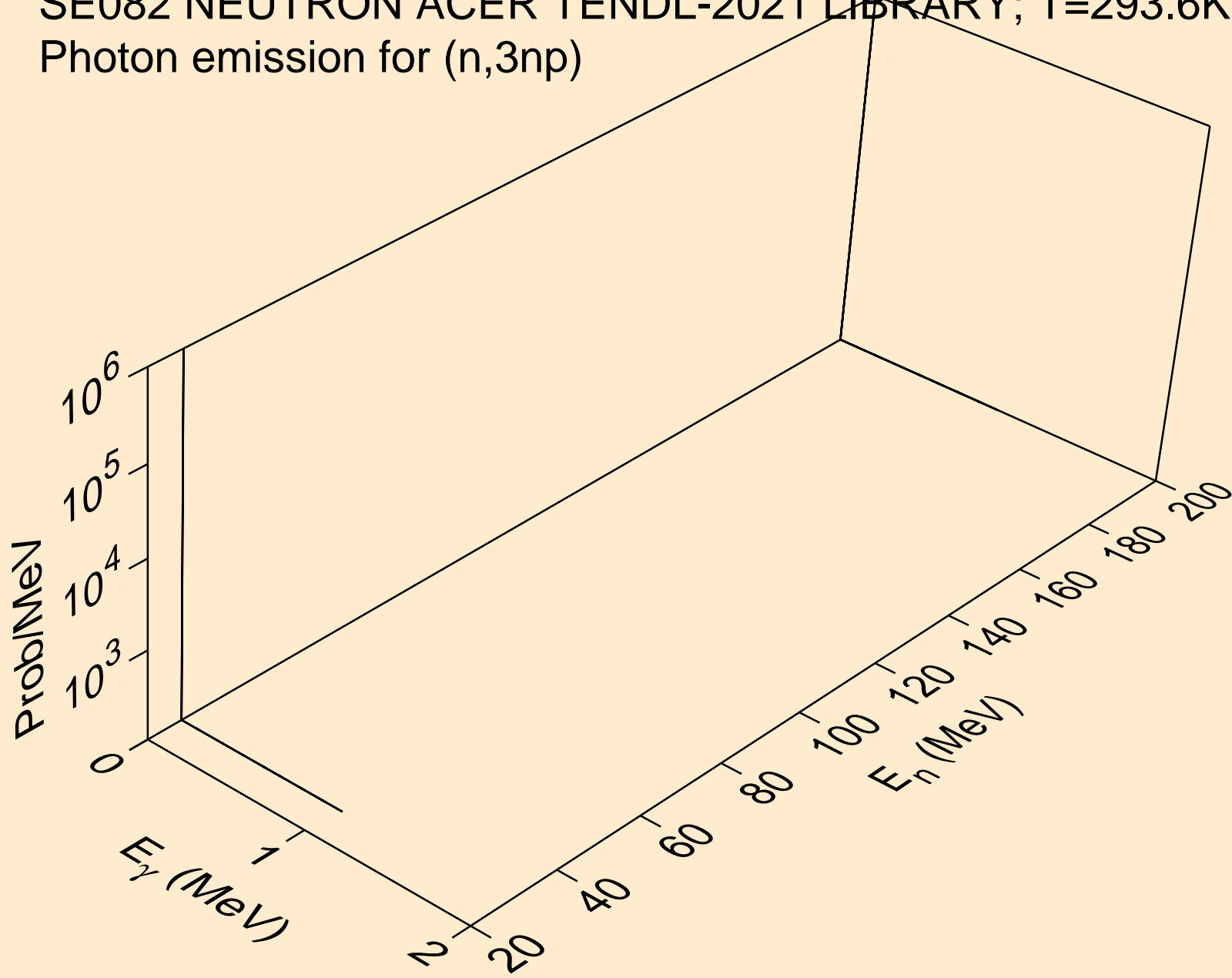
SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,4n)



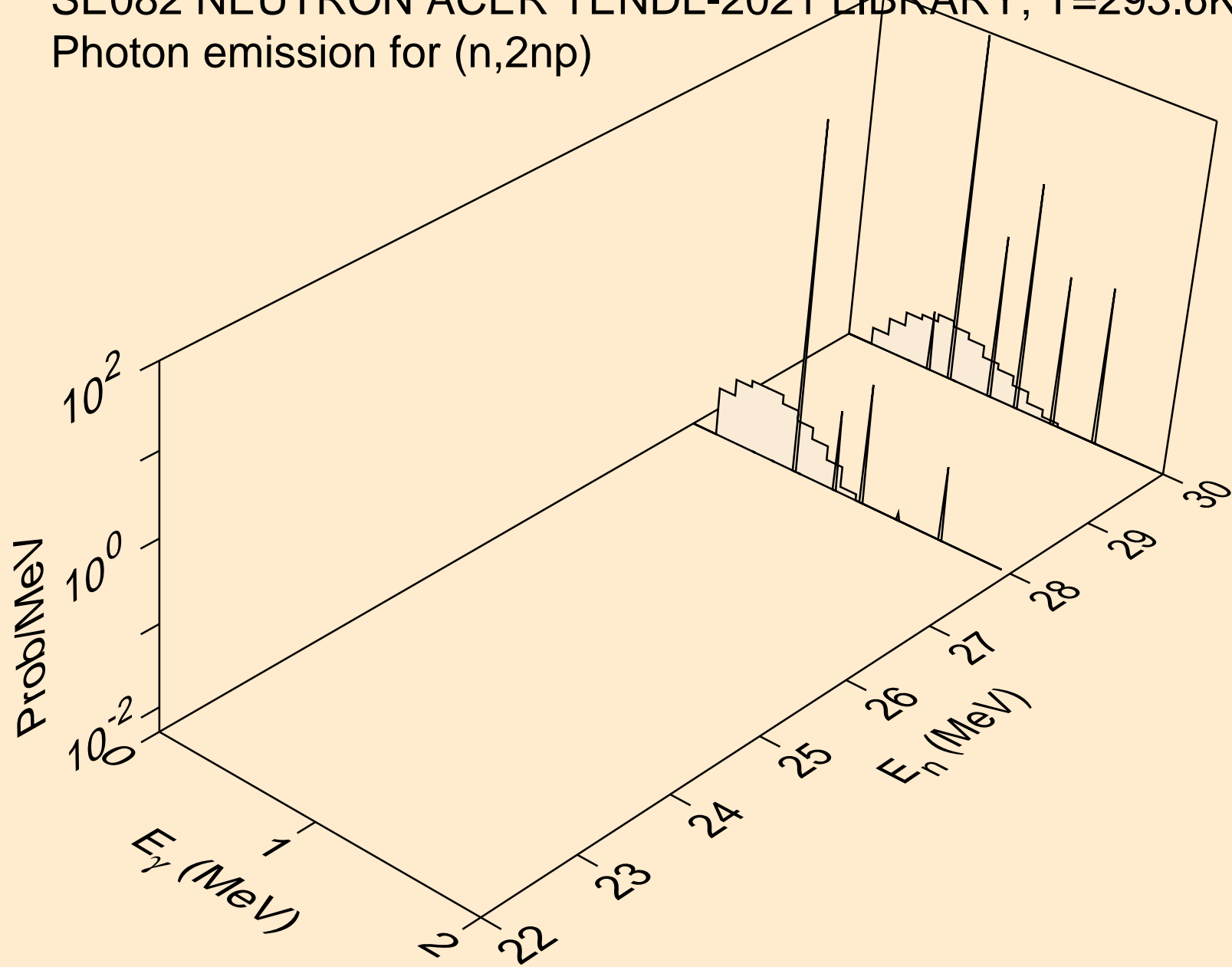
SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)



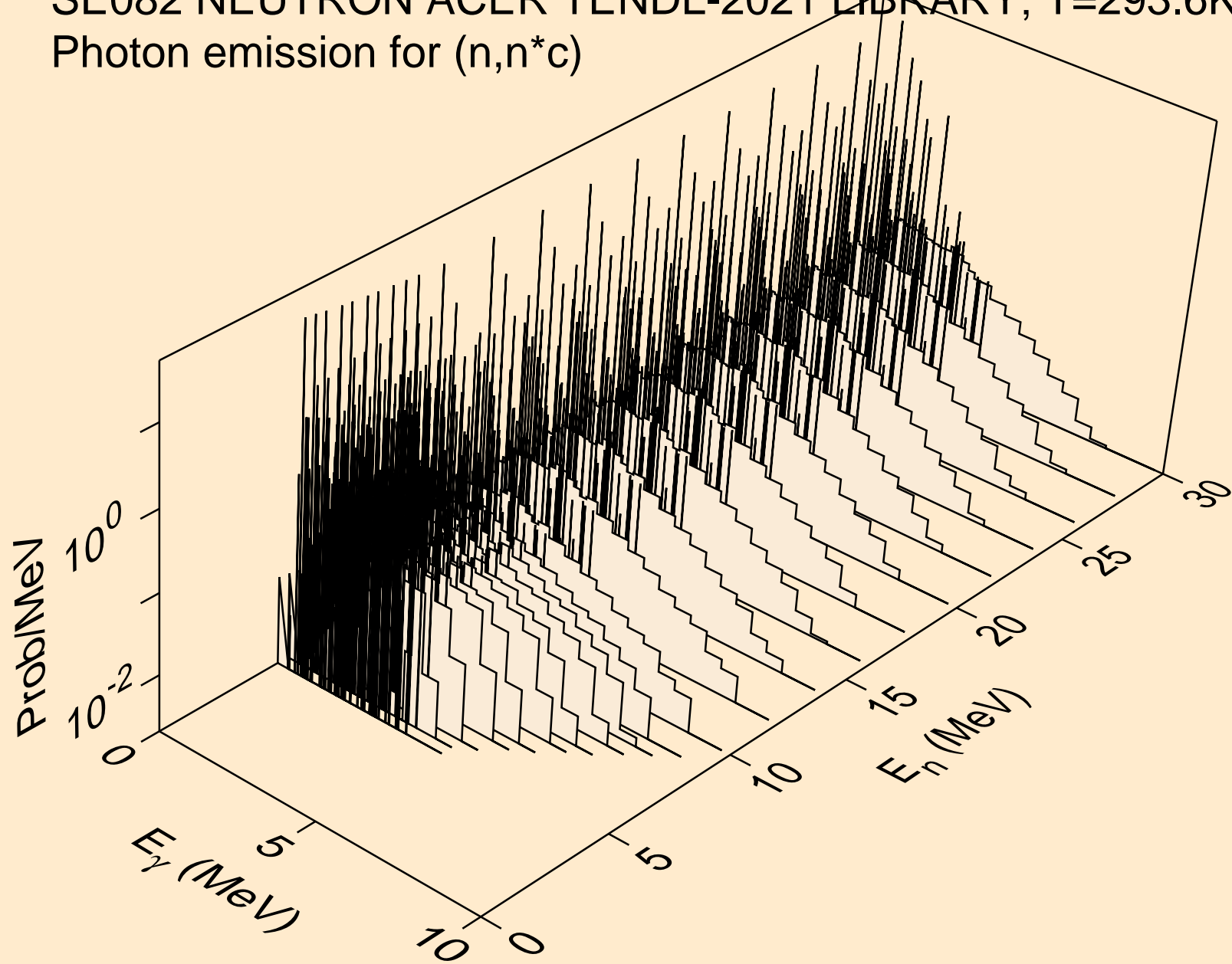
SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3np)



SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)

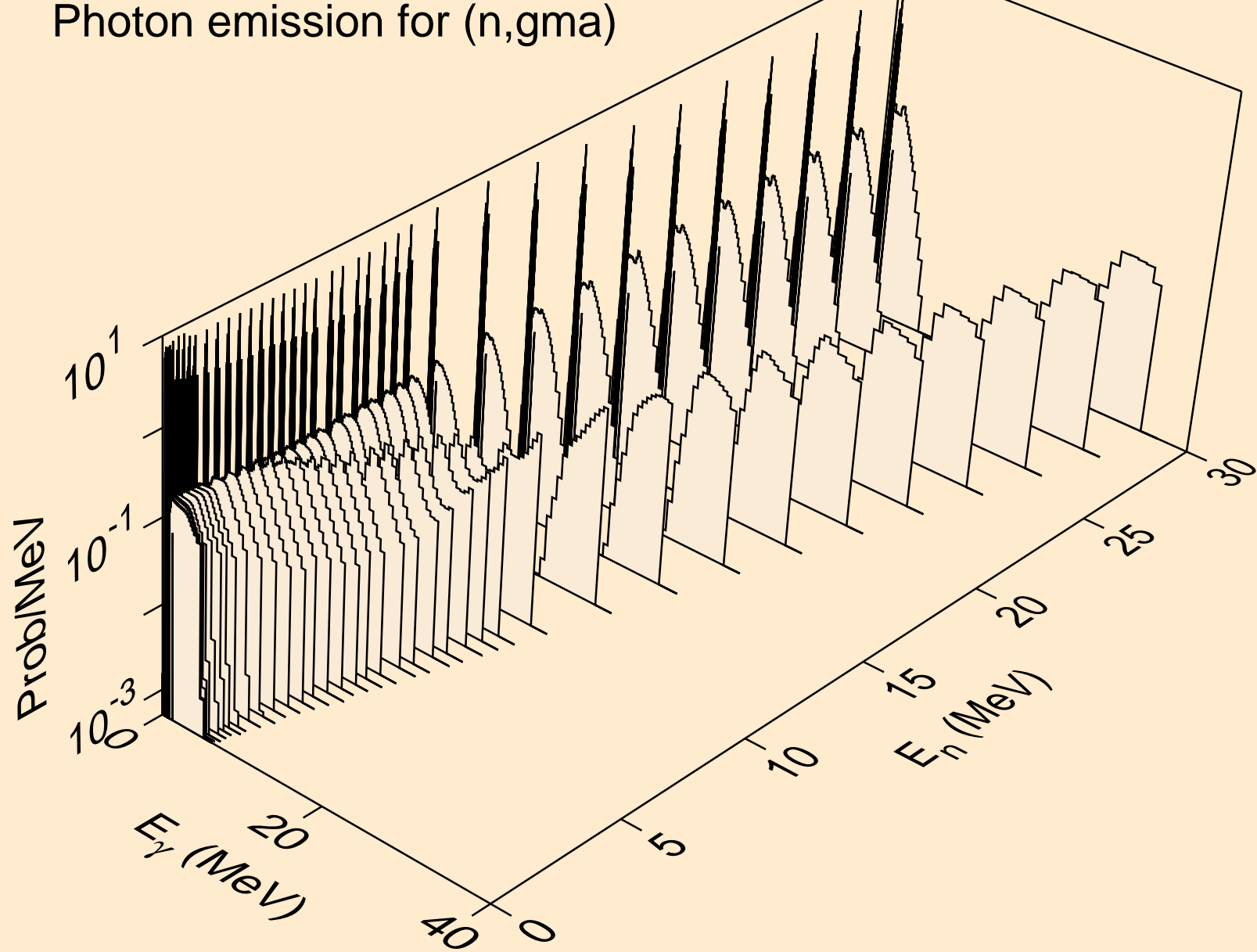


SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)

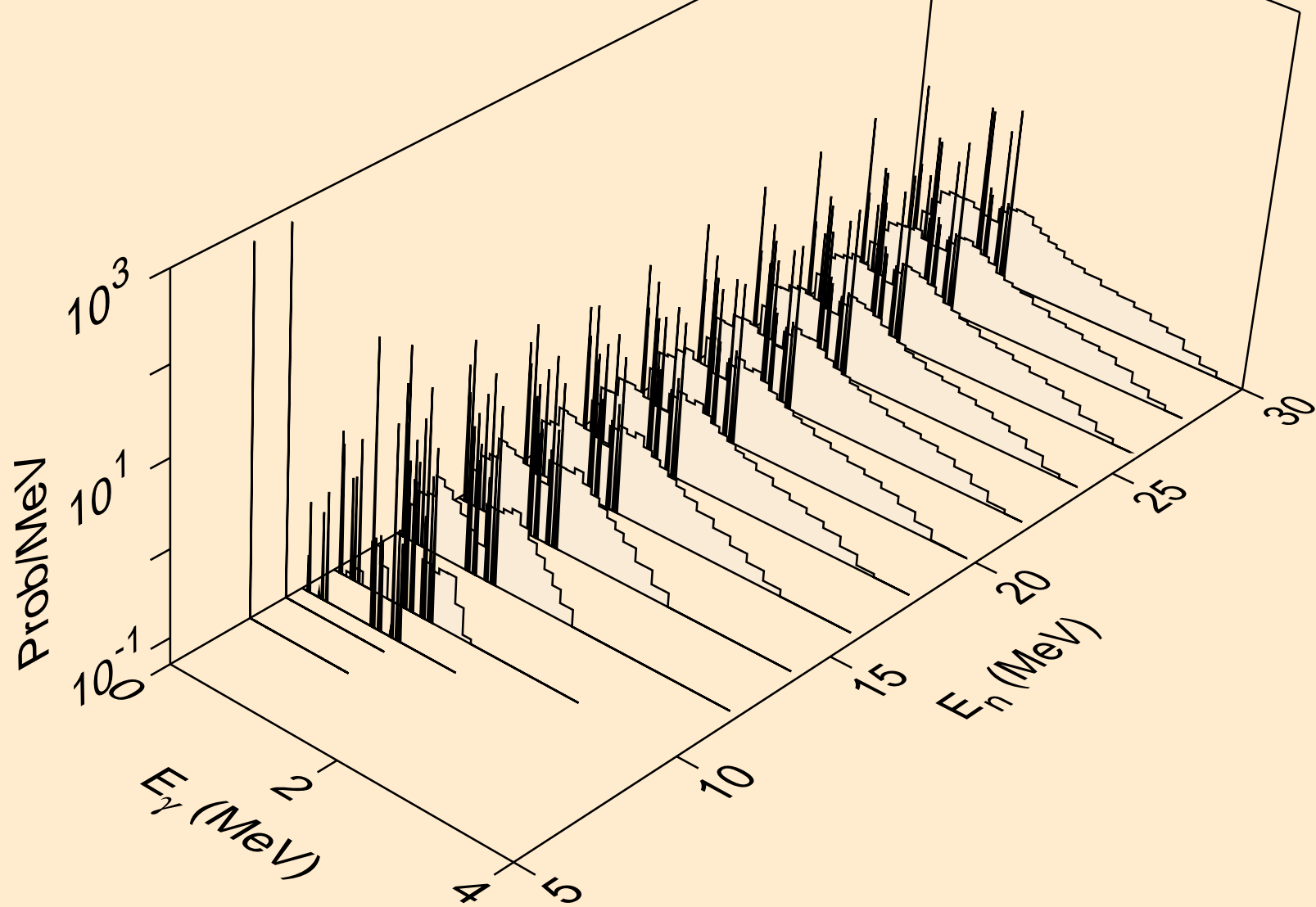




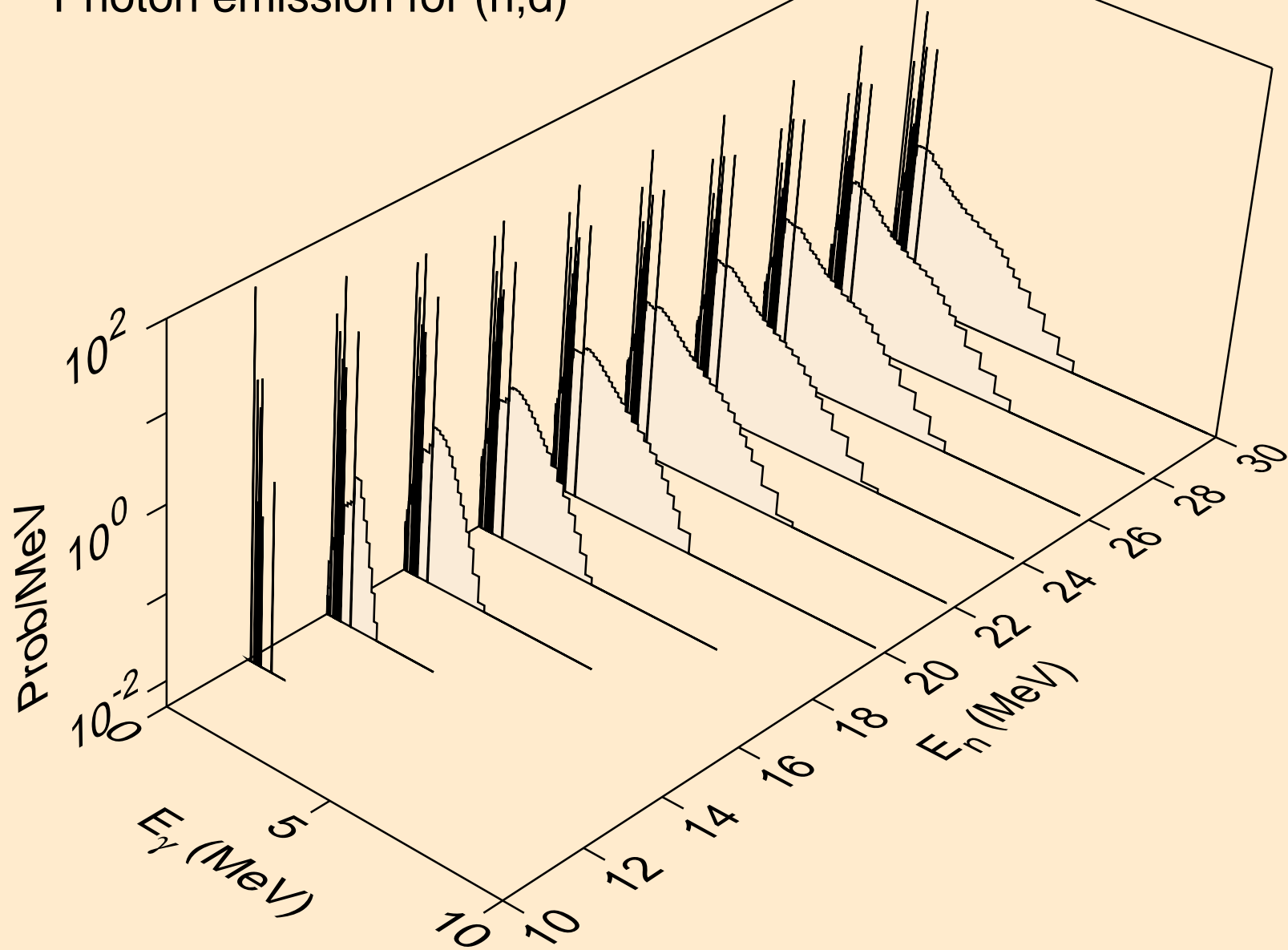
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Photon emission for (n,gma)



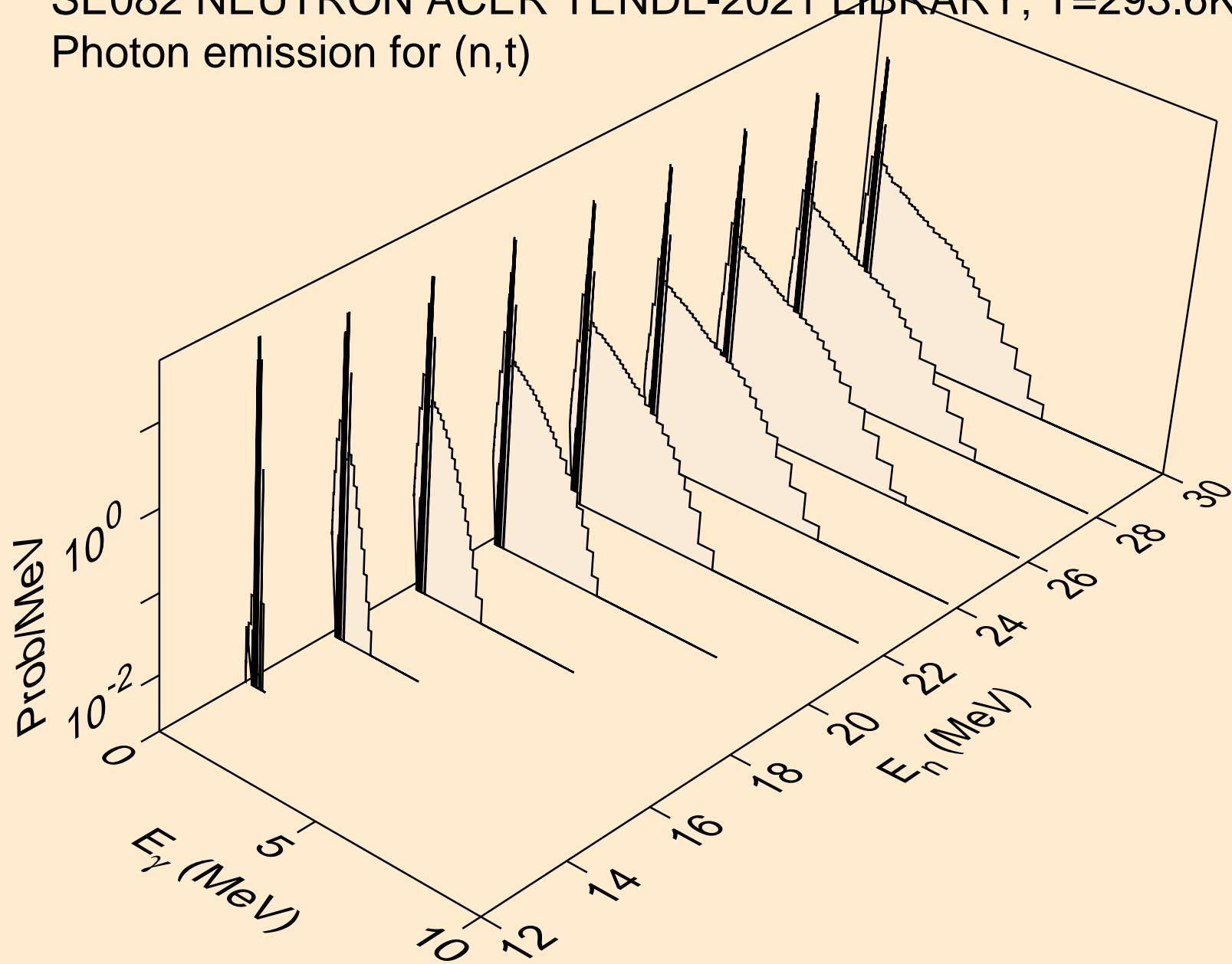
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Photon emission for (n,p)



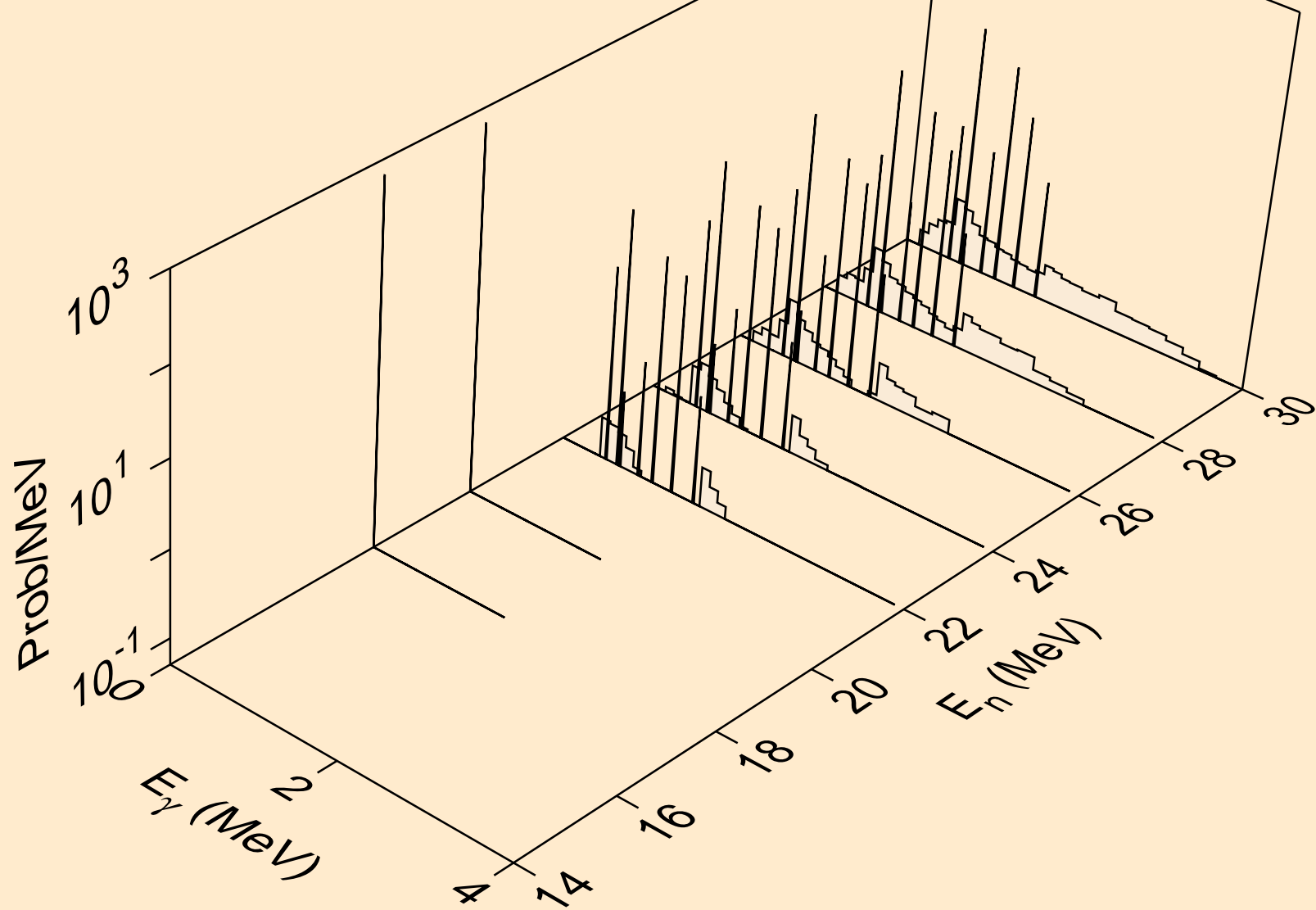
SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,d)



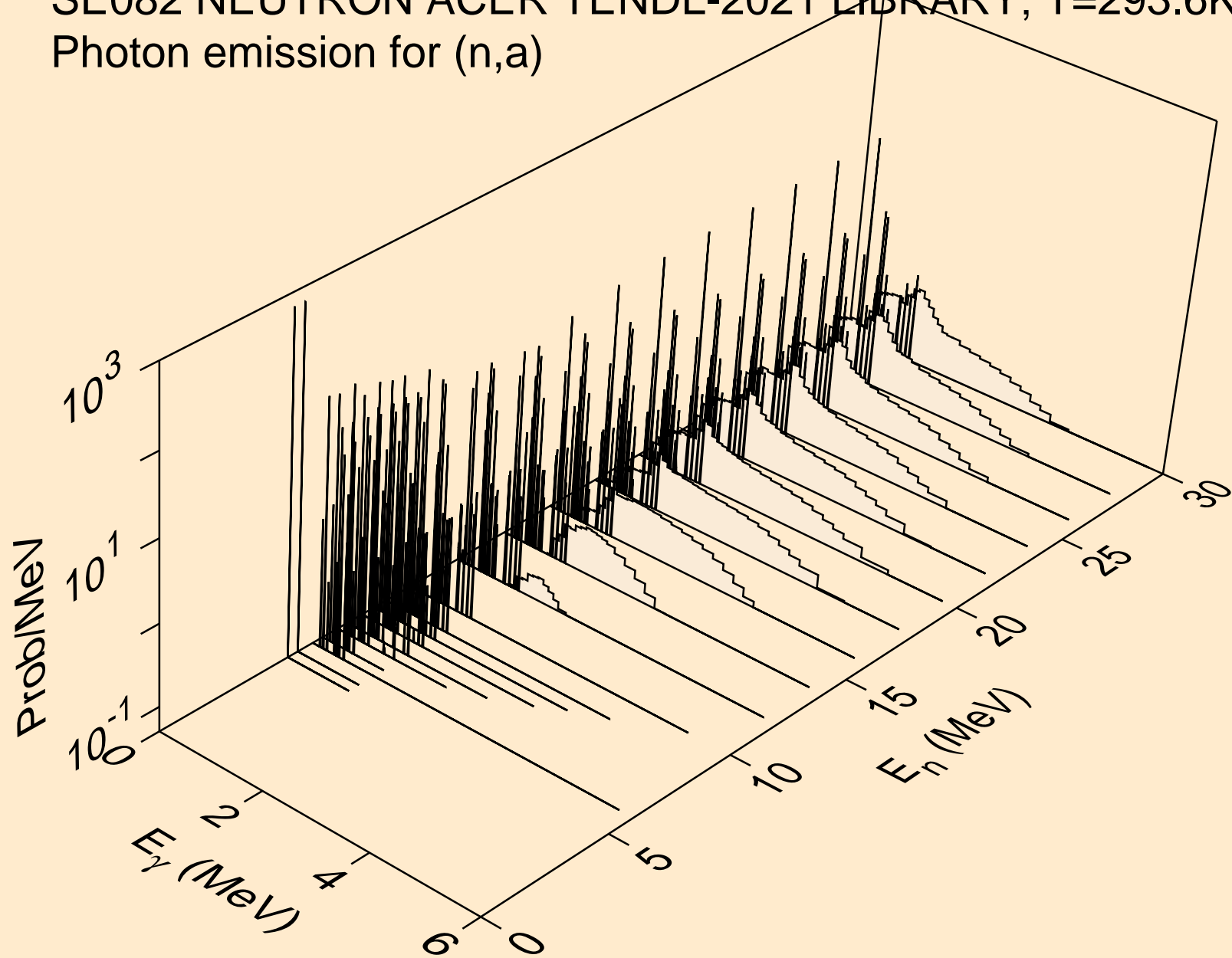
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Photon emission for (n,t)



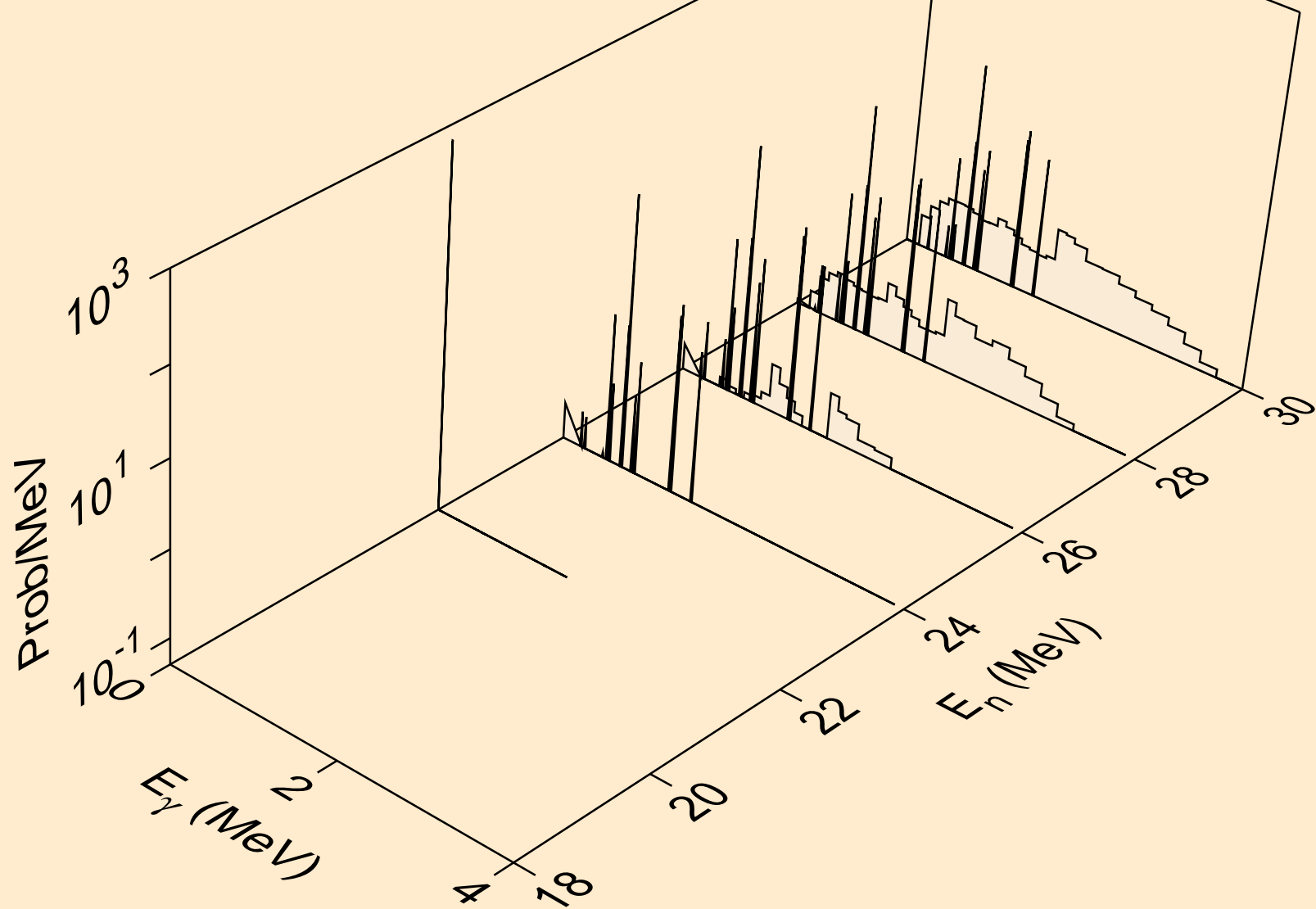
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Photon emission for (n,he3)



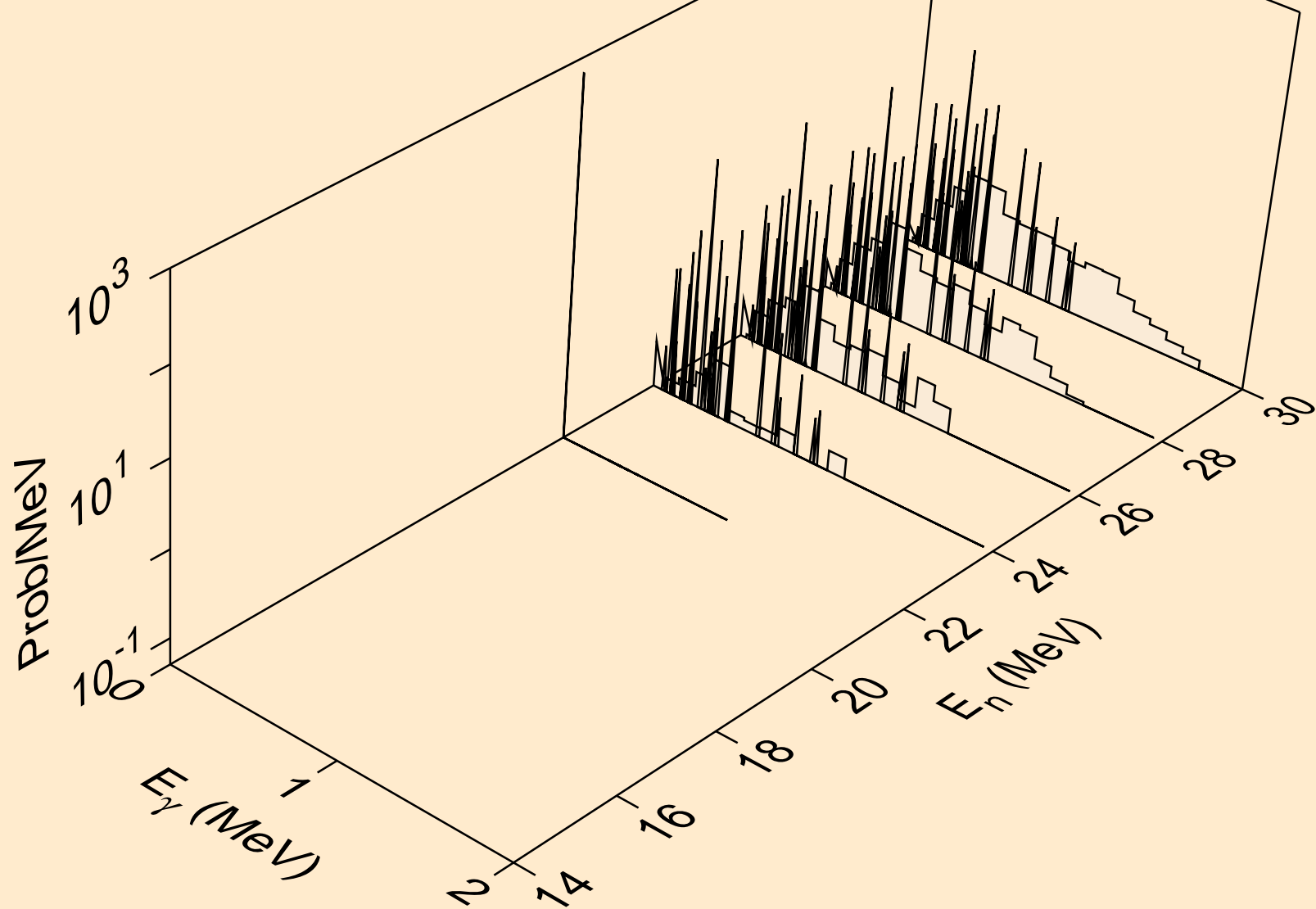
SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,a)



SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2p)

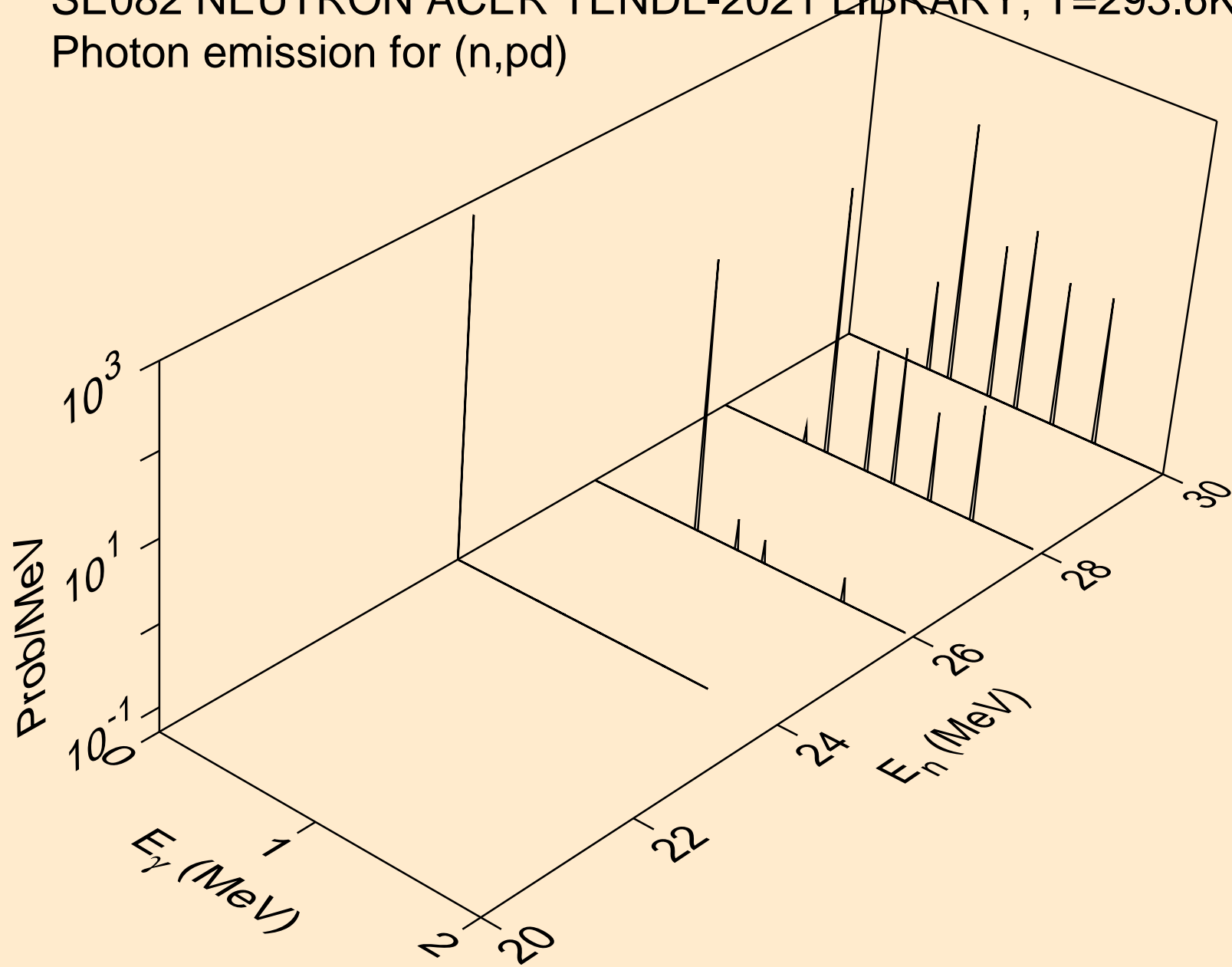


SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p $\alpha$ )

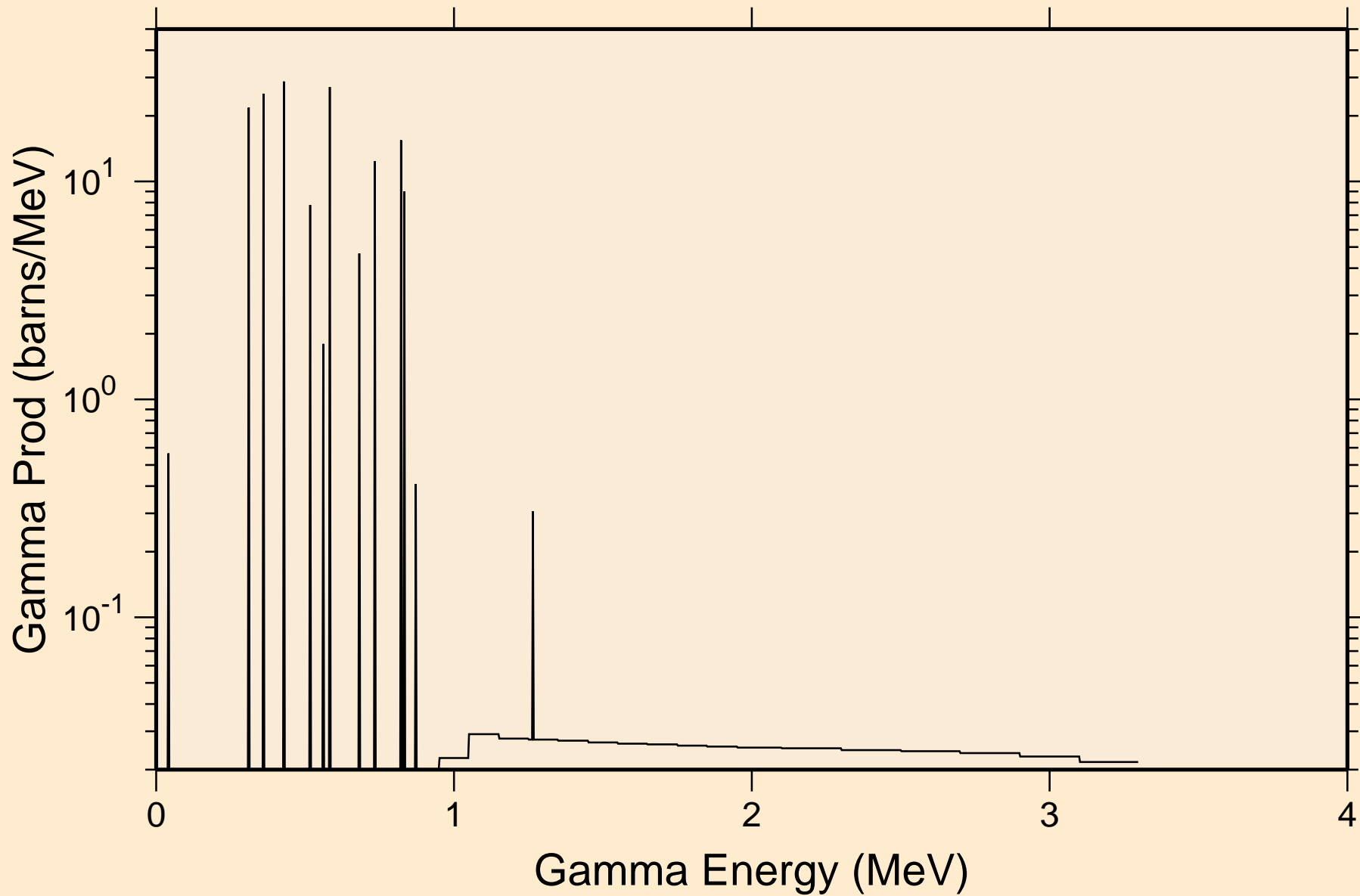




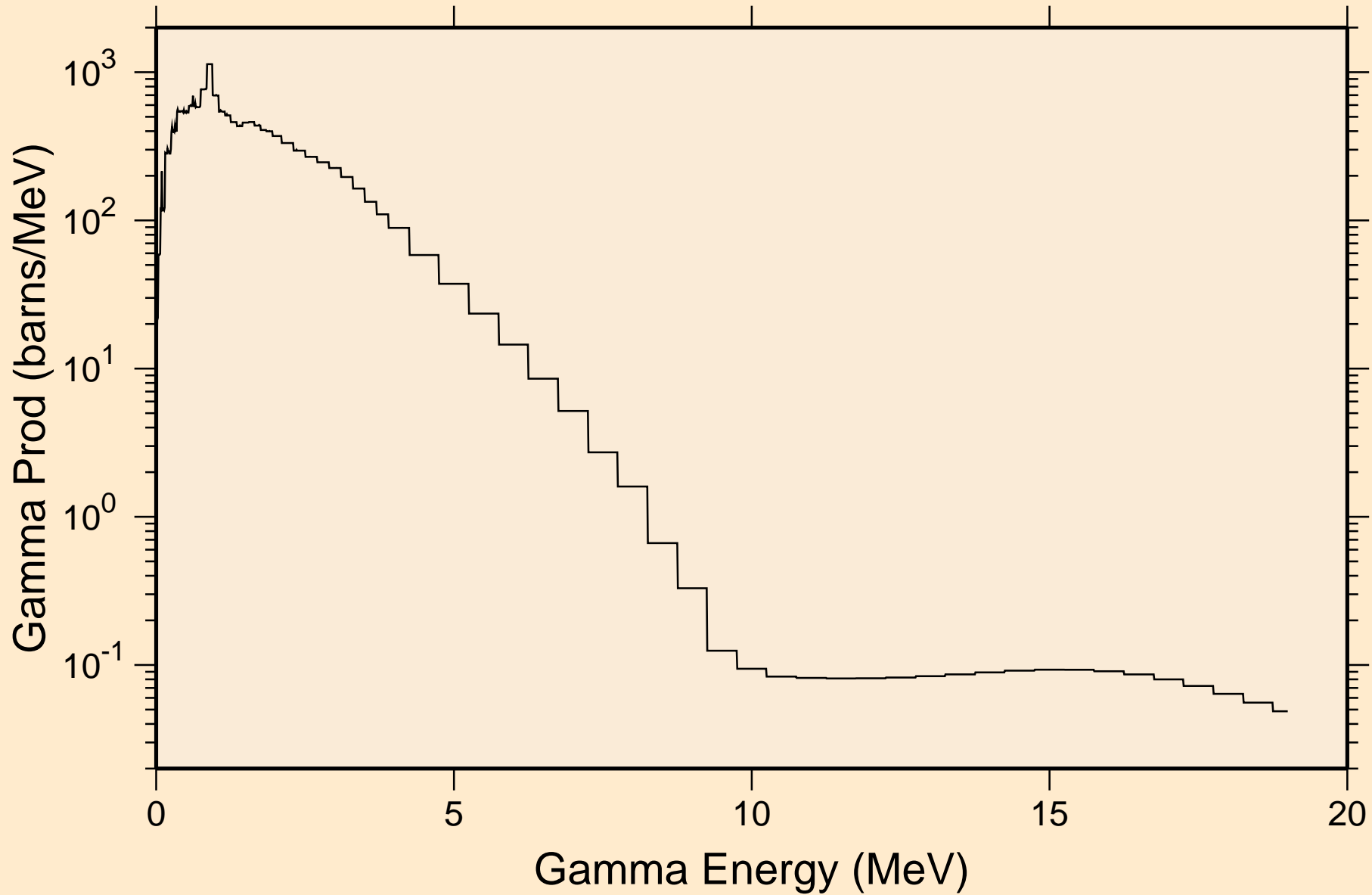
SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pd)



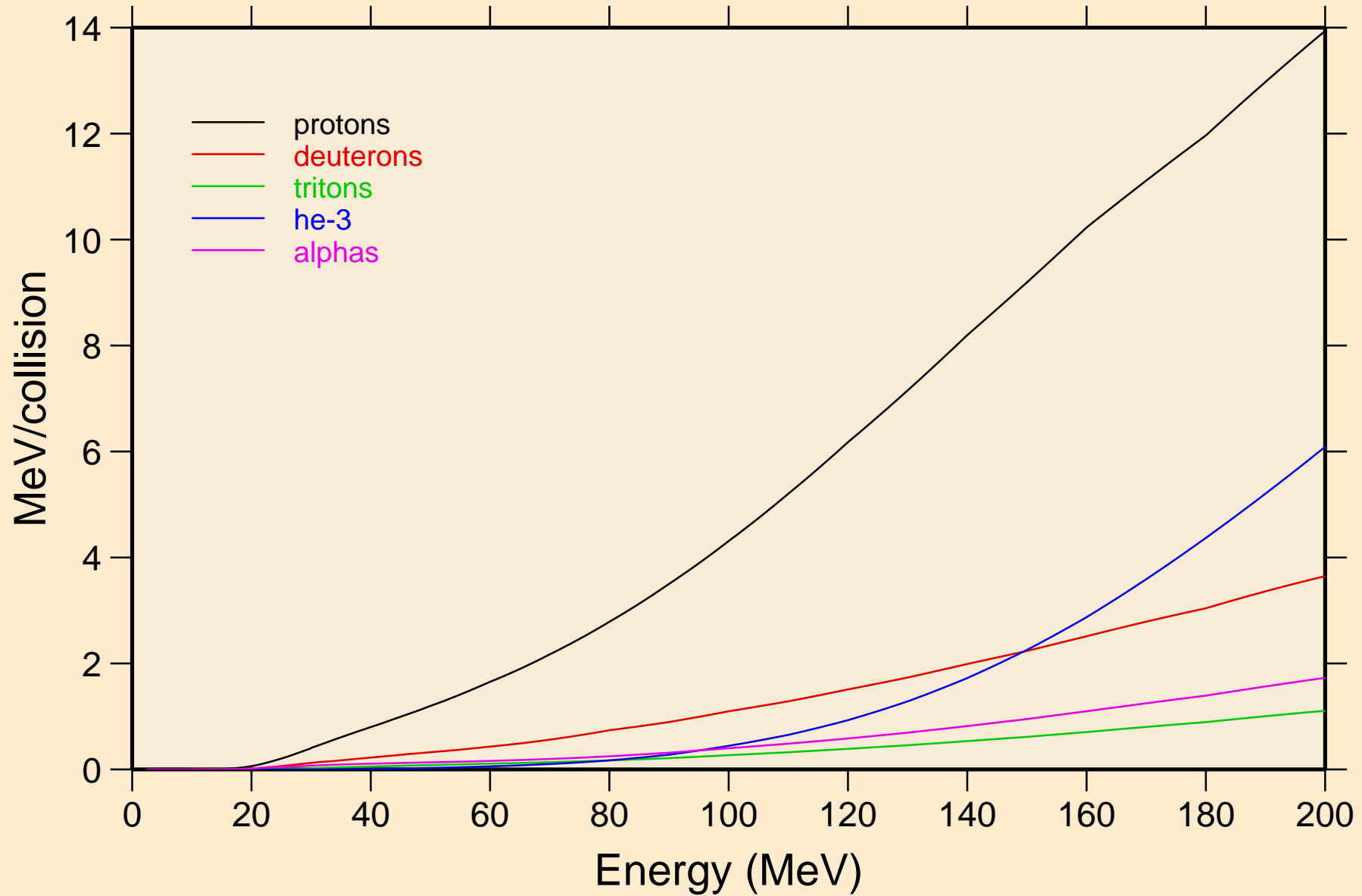
SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
thermal capture photon spectrum



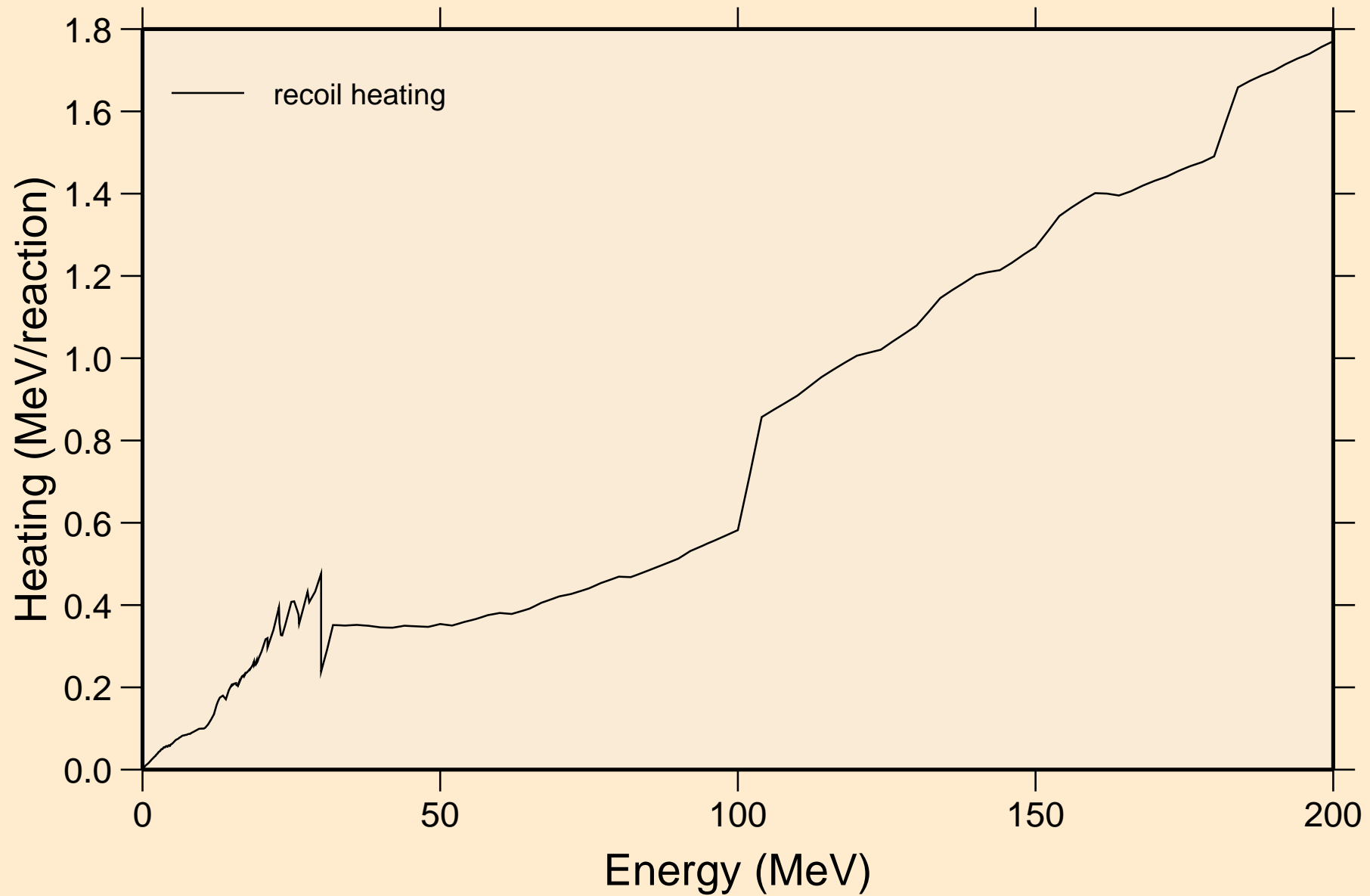
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14 MeV photon spectrum



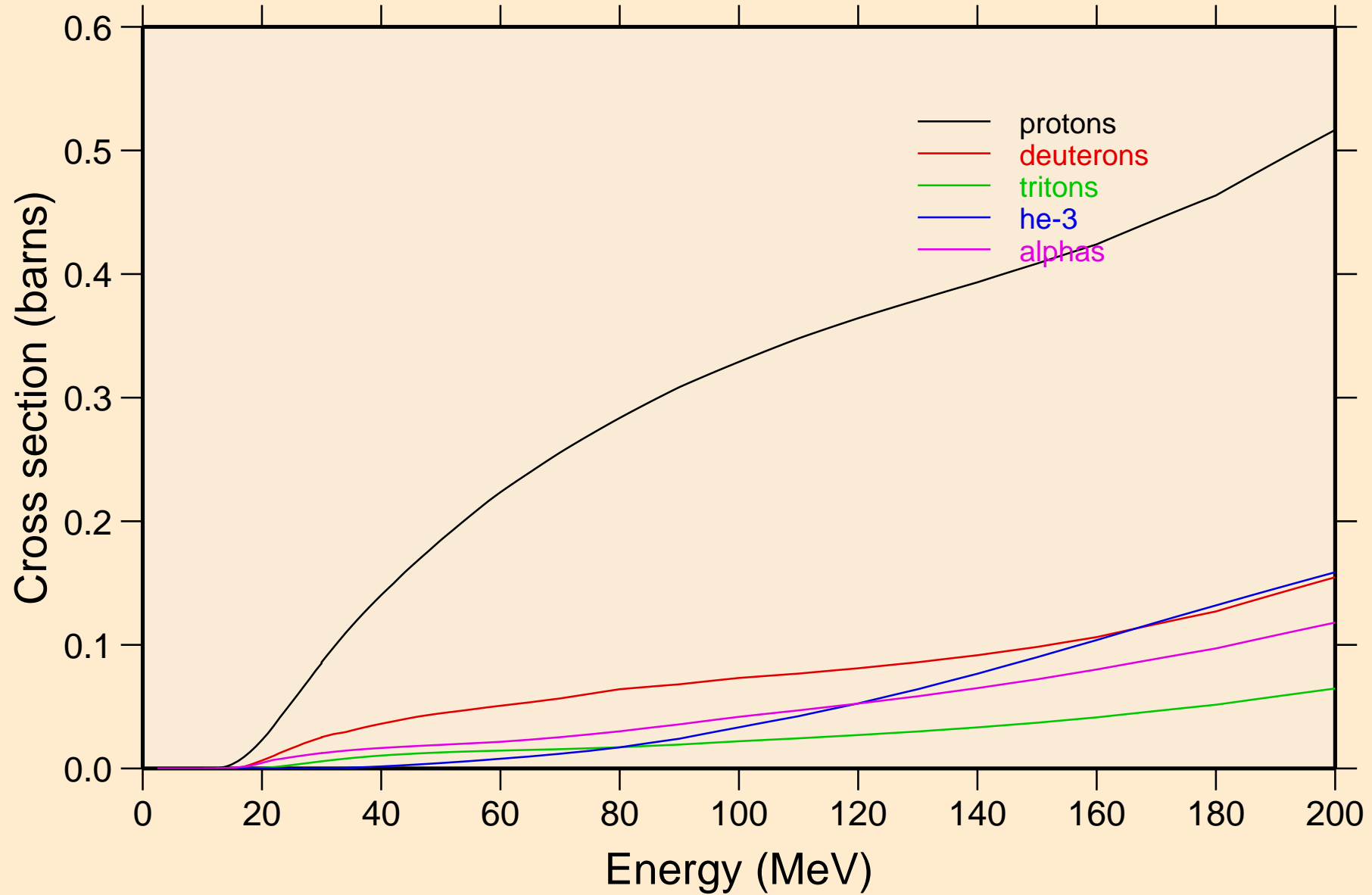
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Particle heating contributions



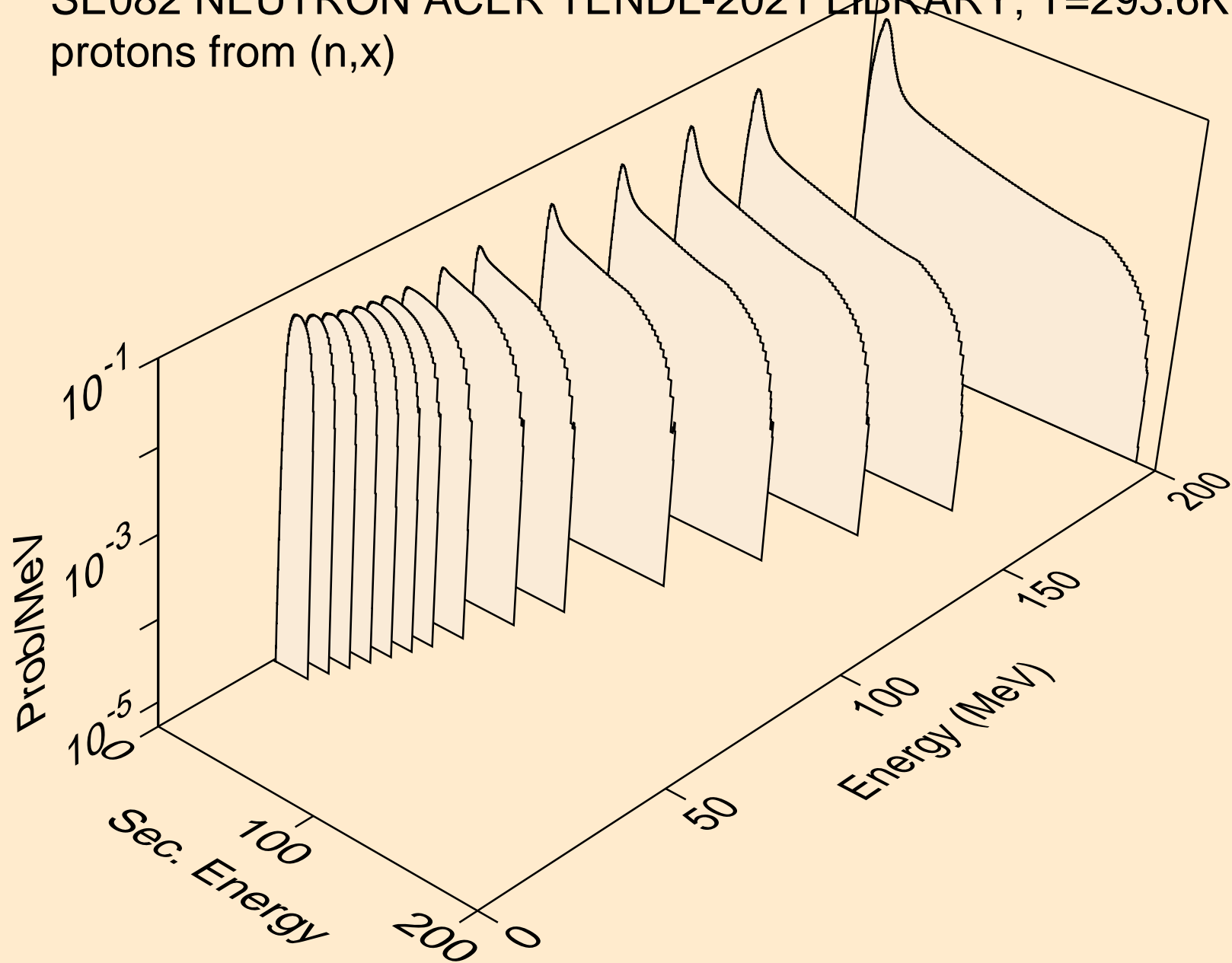
SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Recoil Heating



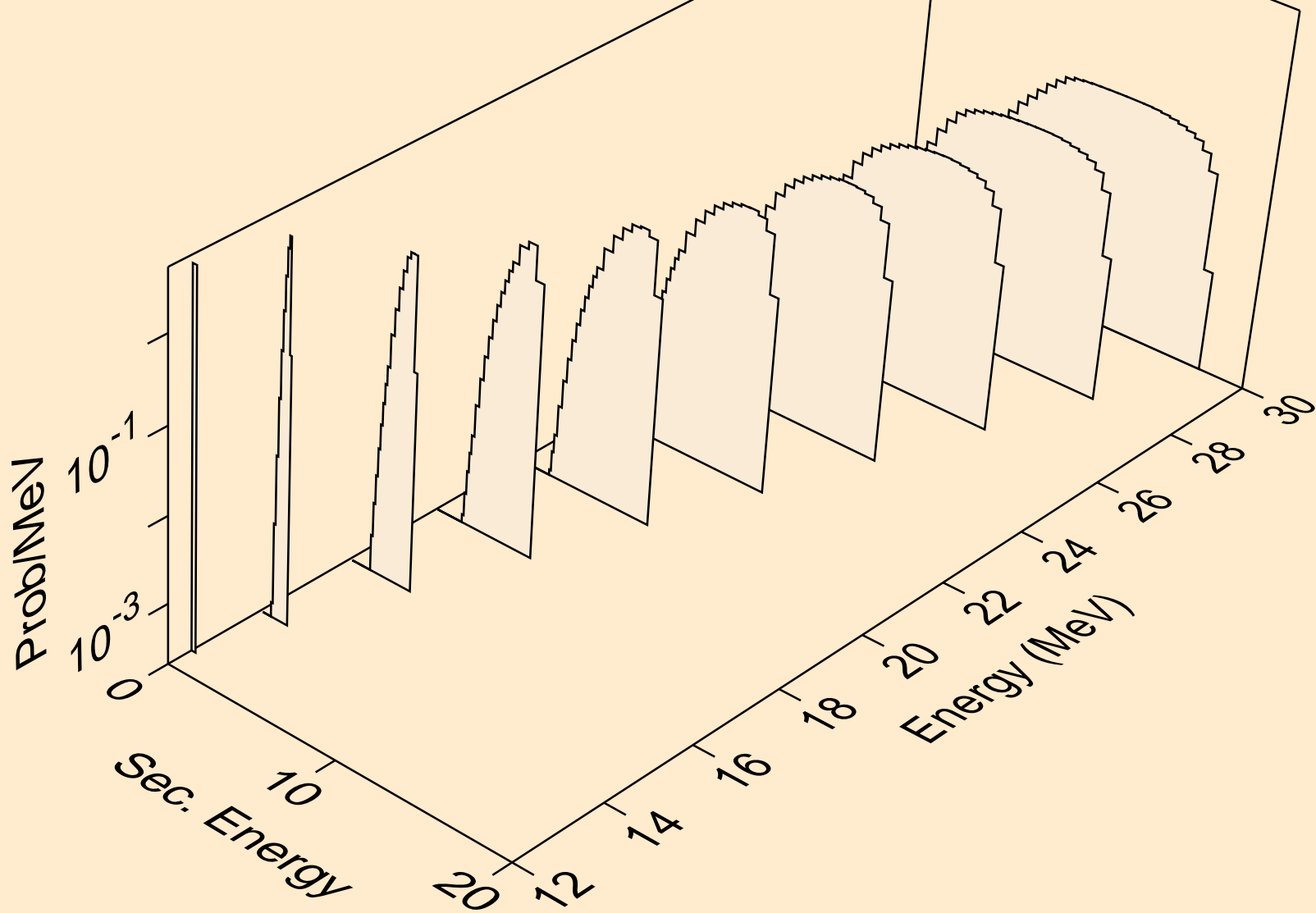
SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Particle production cross sections



SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)

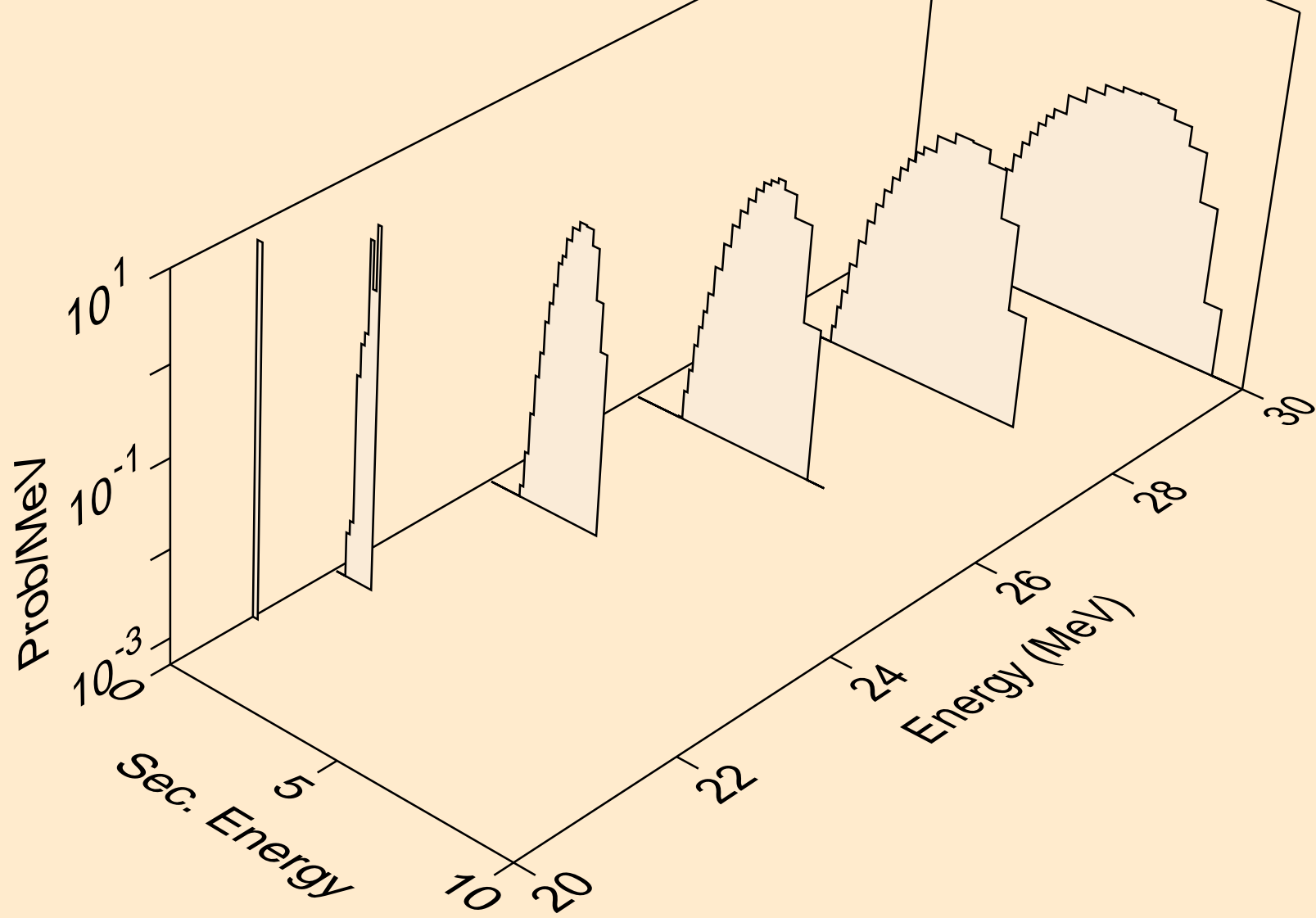


SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,n\*)p

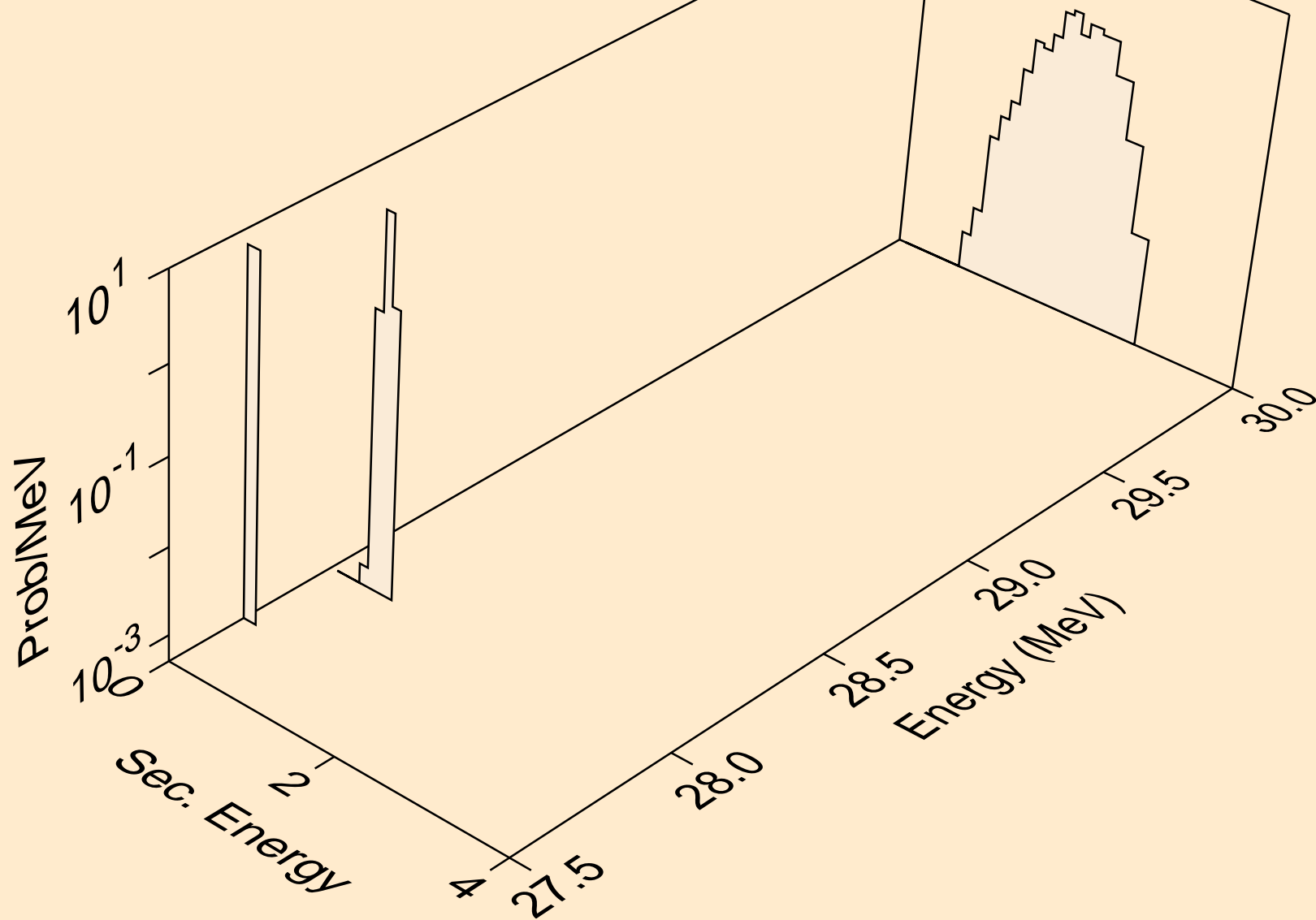




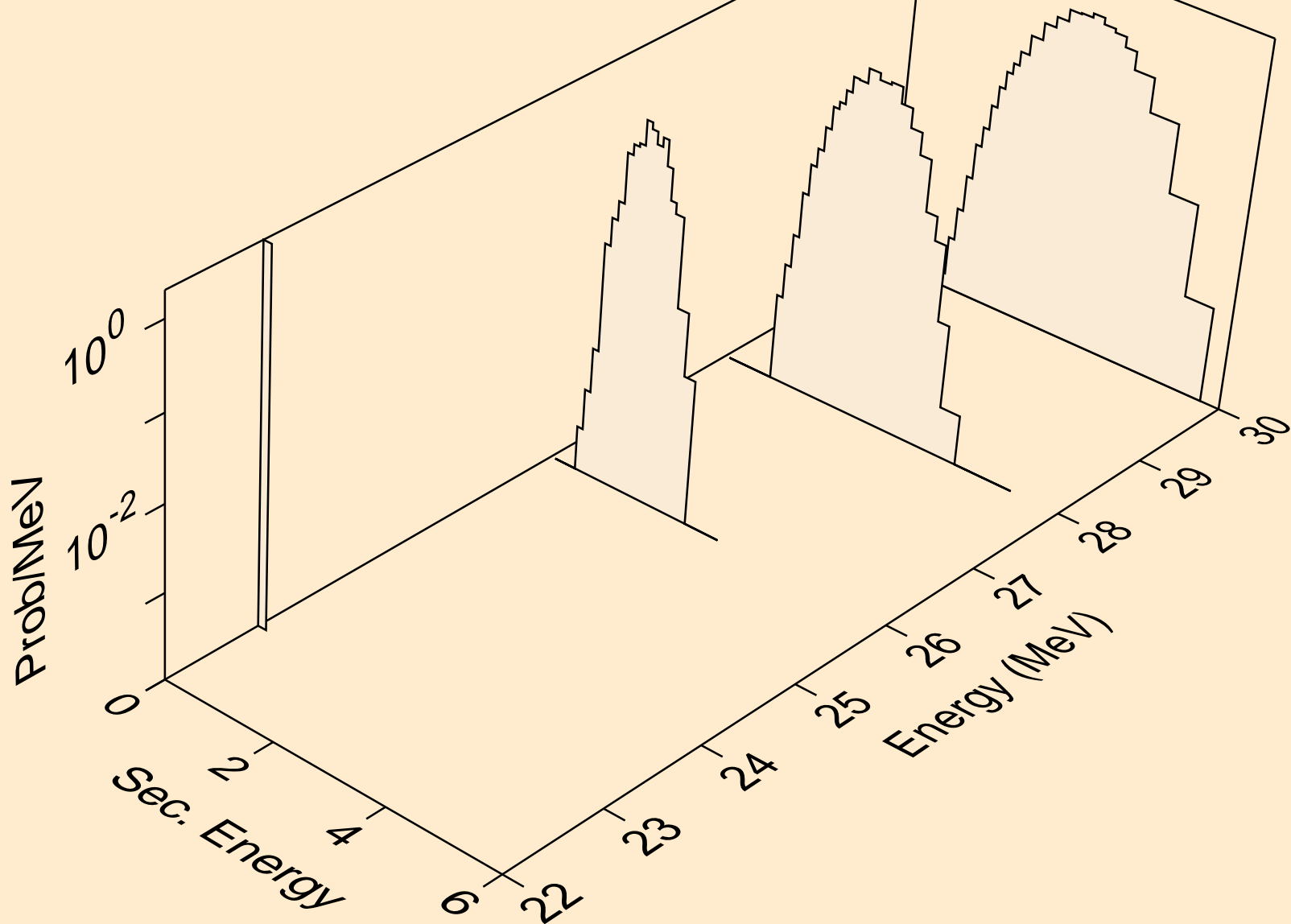
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protons from (n,2np)



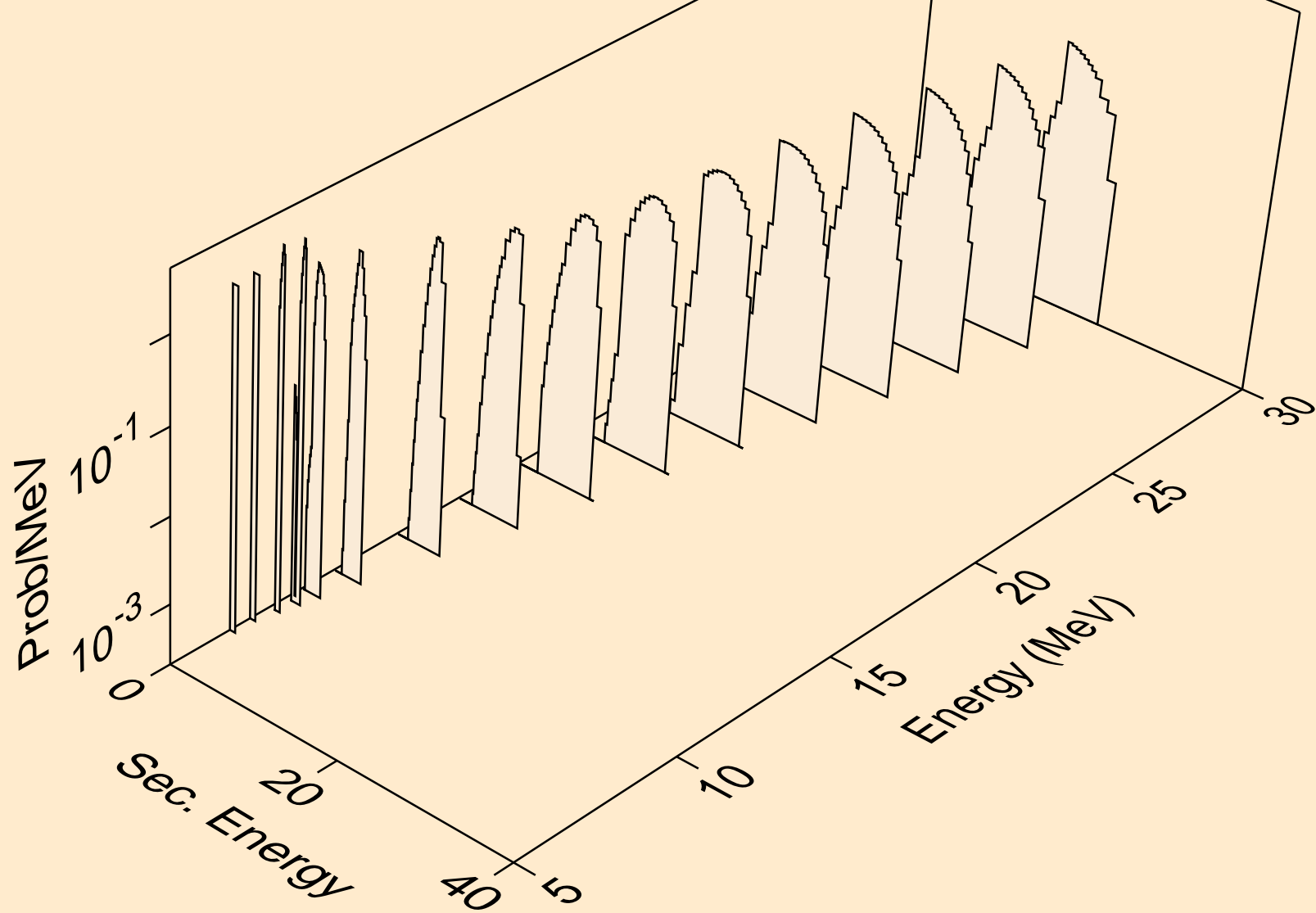
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protons from (n,3np)



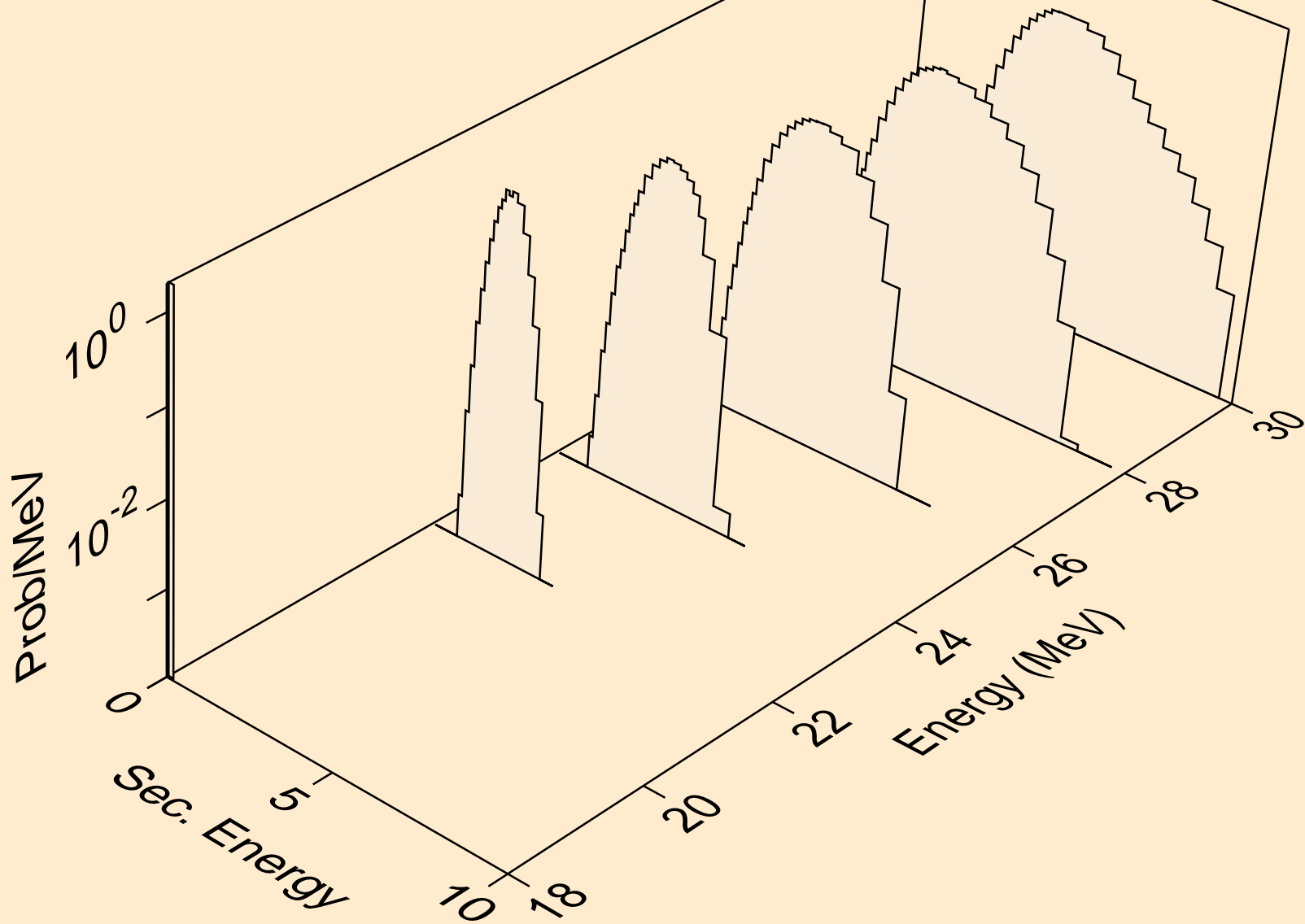
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protons from (n,2np)



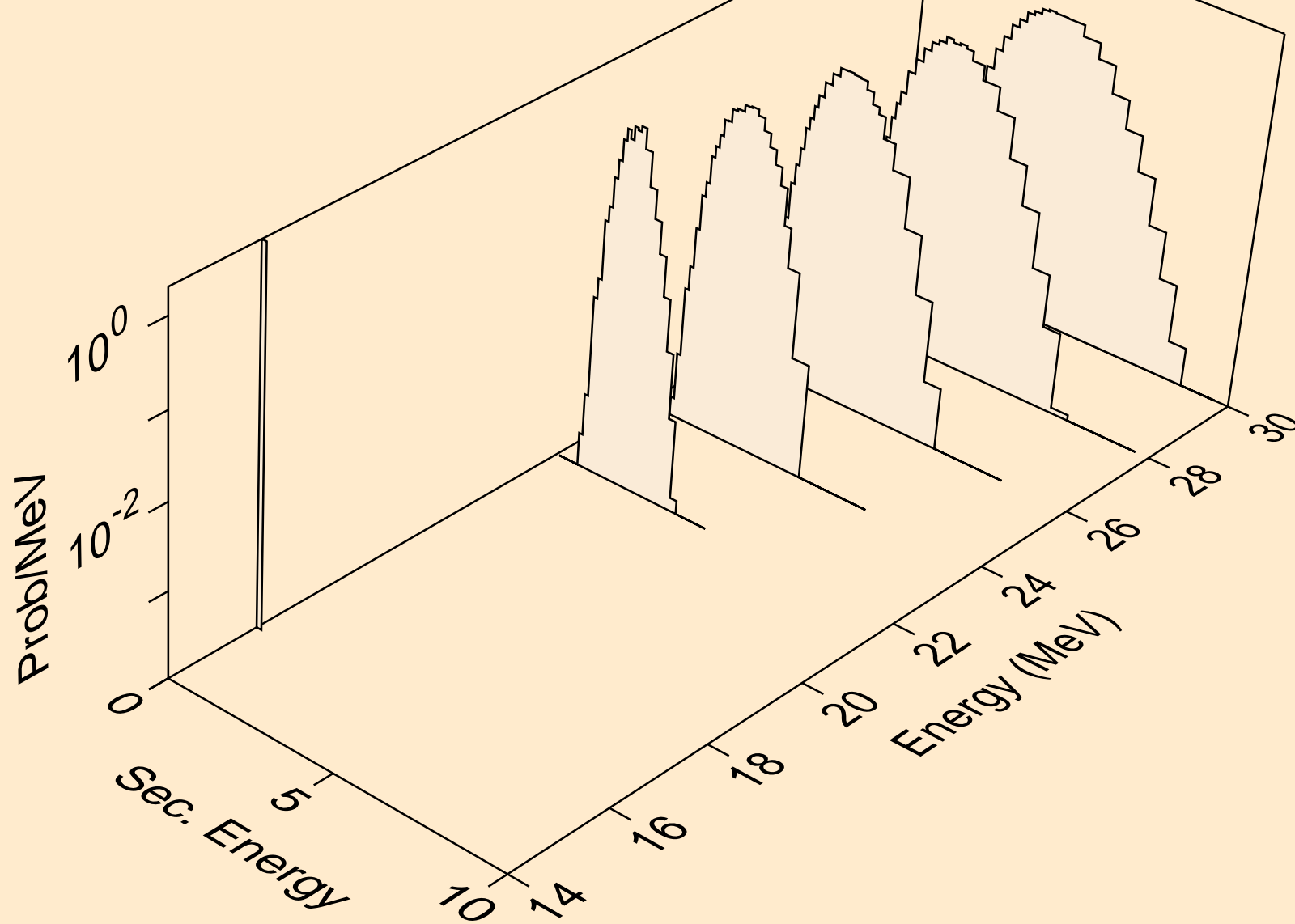
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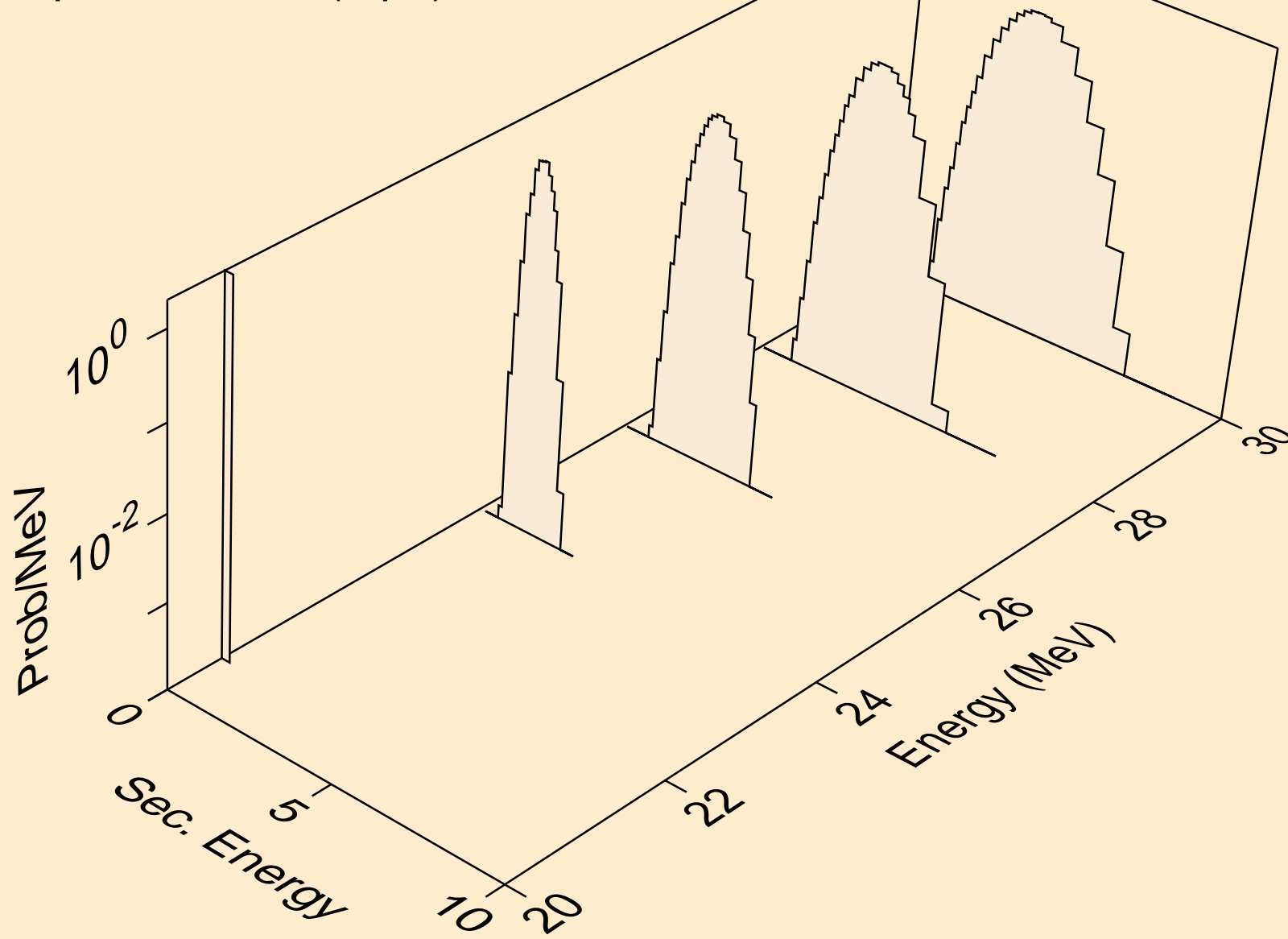
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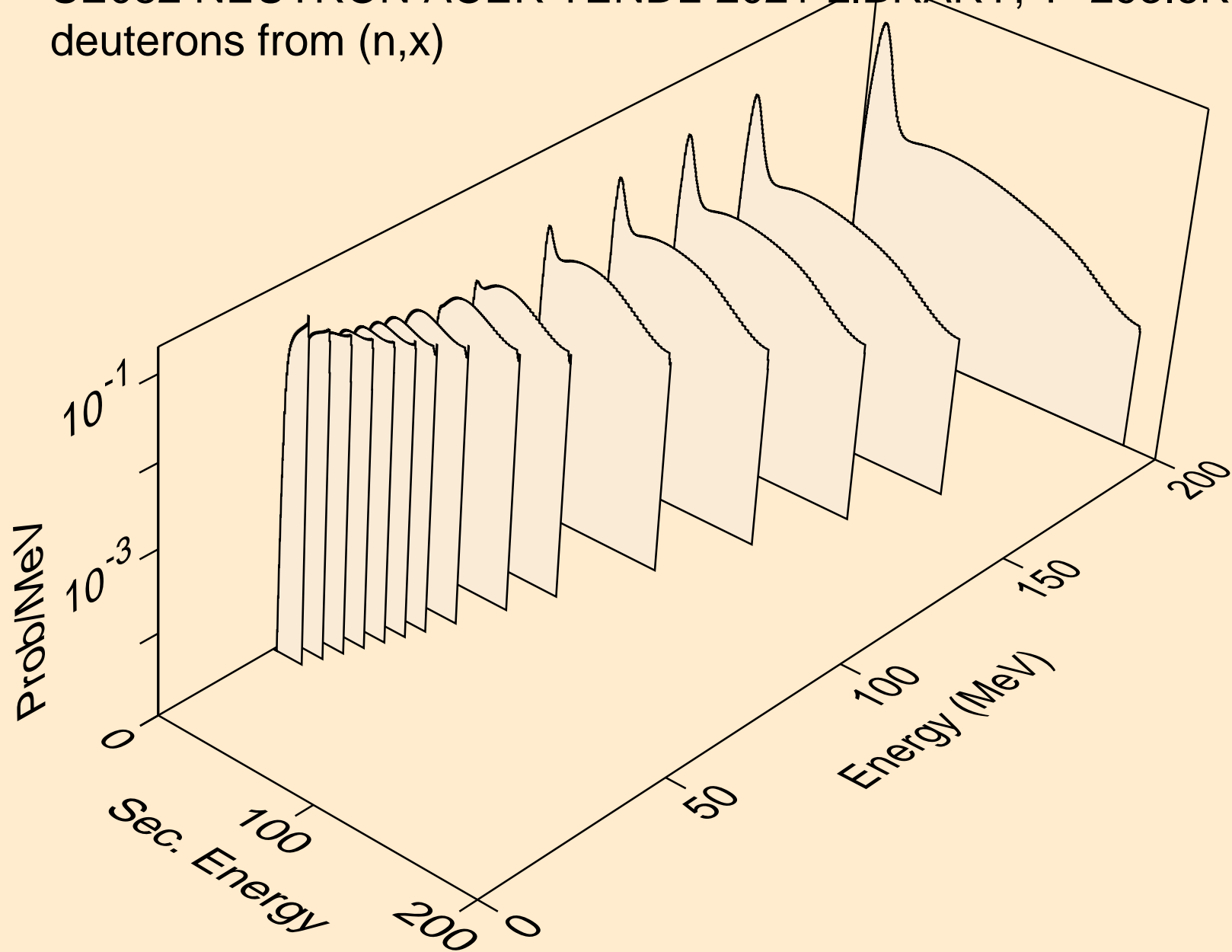
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protons from (n,p)



SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,pd)

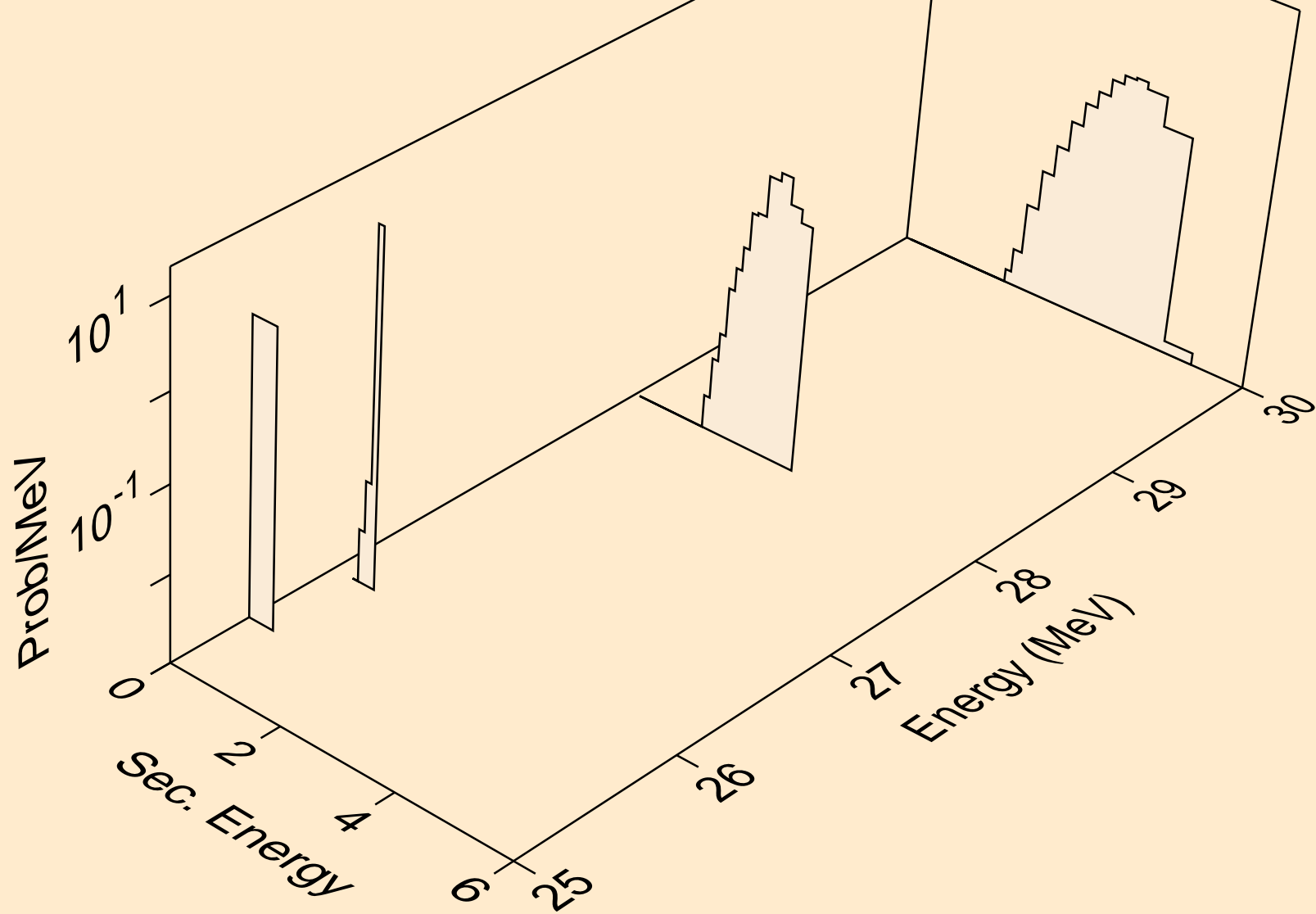


SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,x)

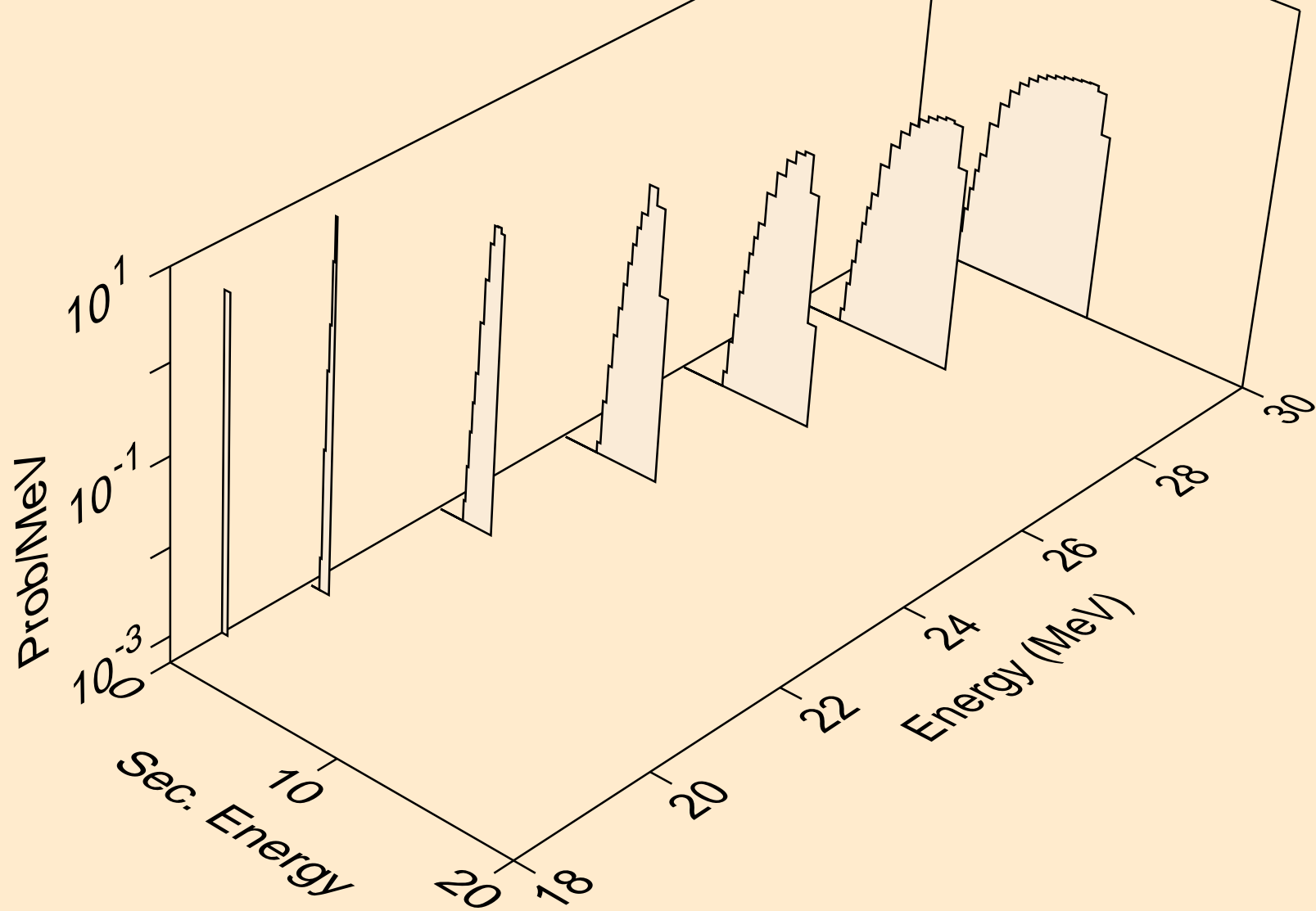




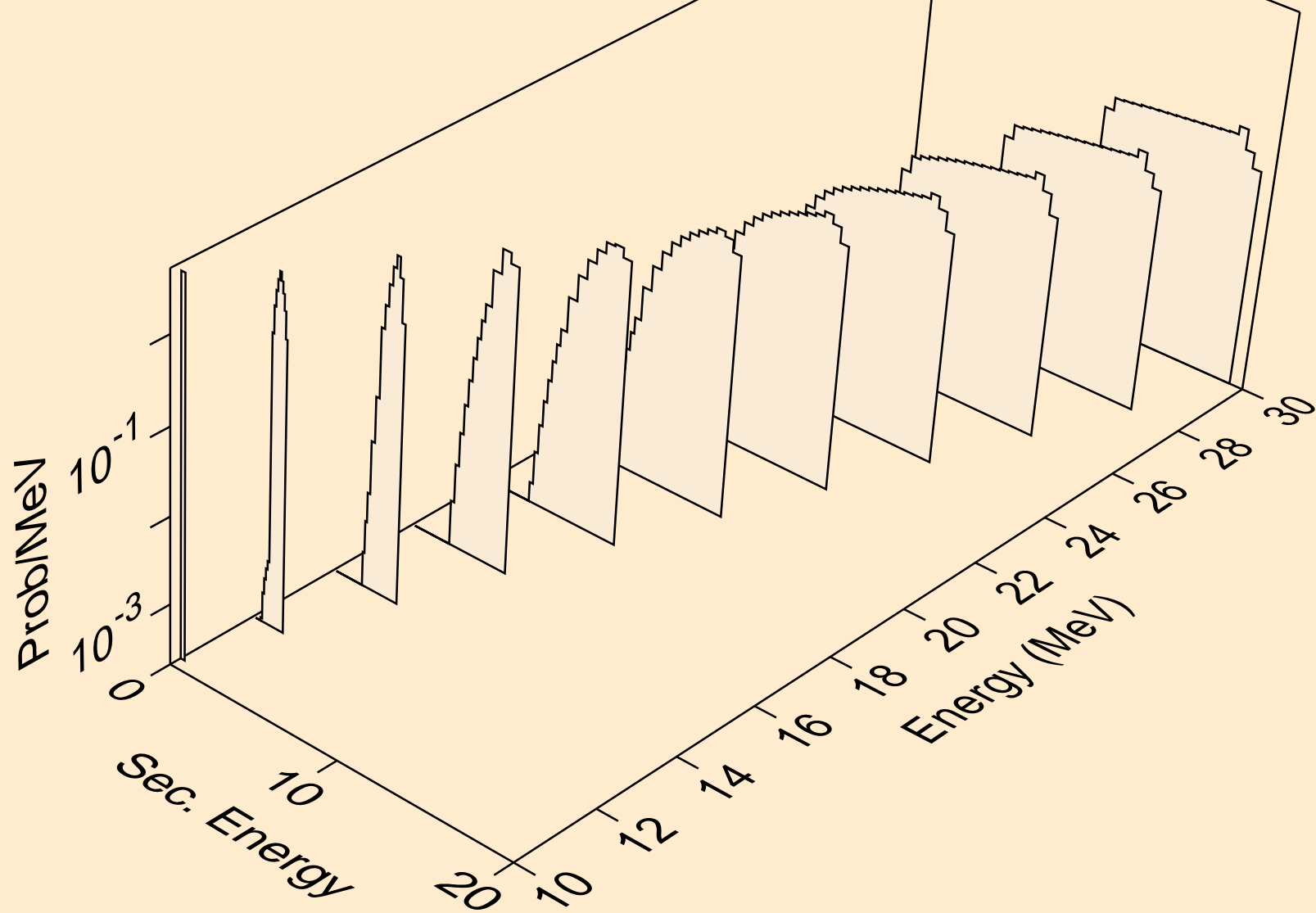
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deuterons from (n,2nd)



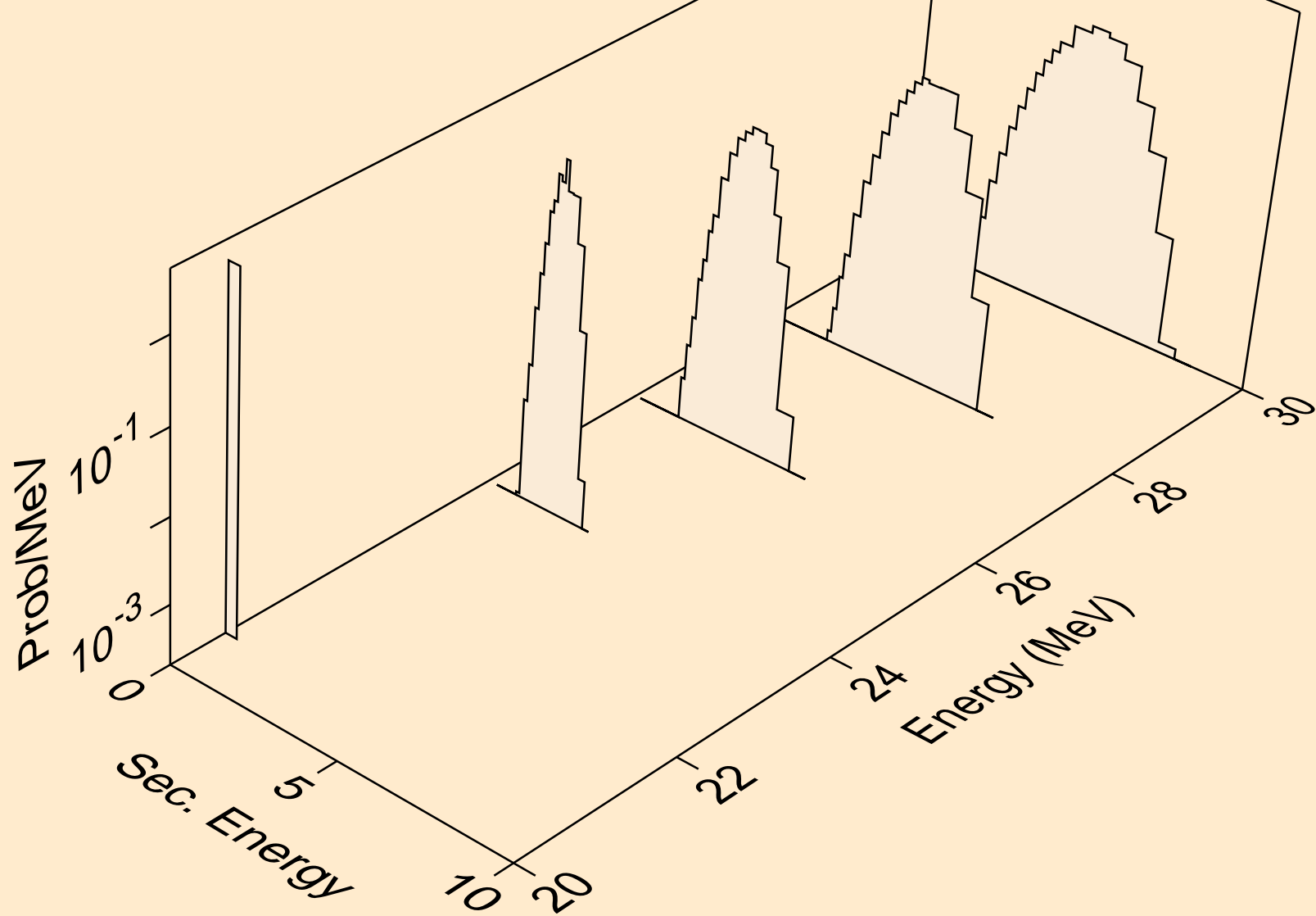
SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,n\*)d



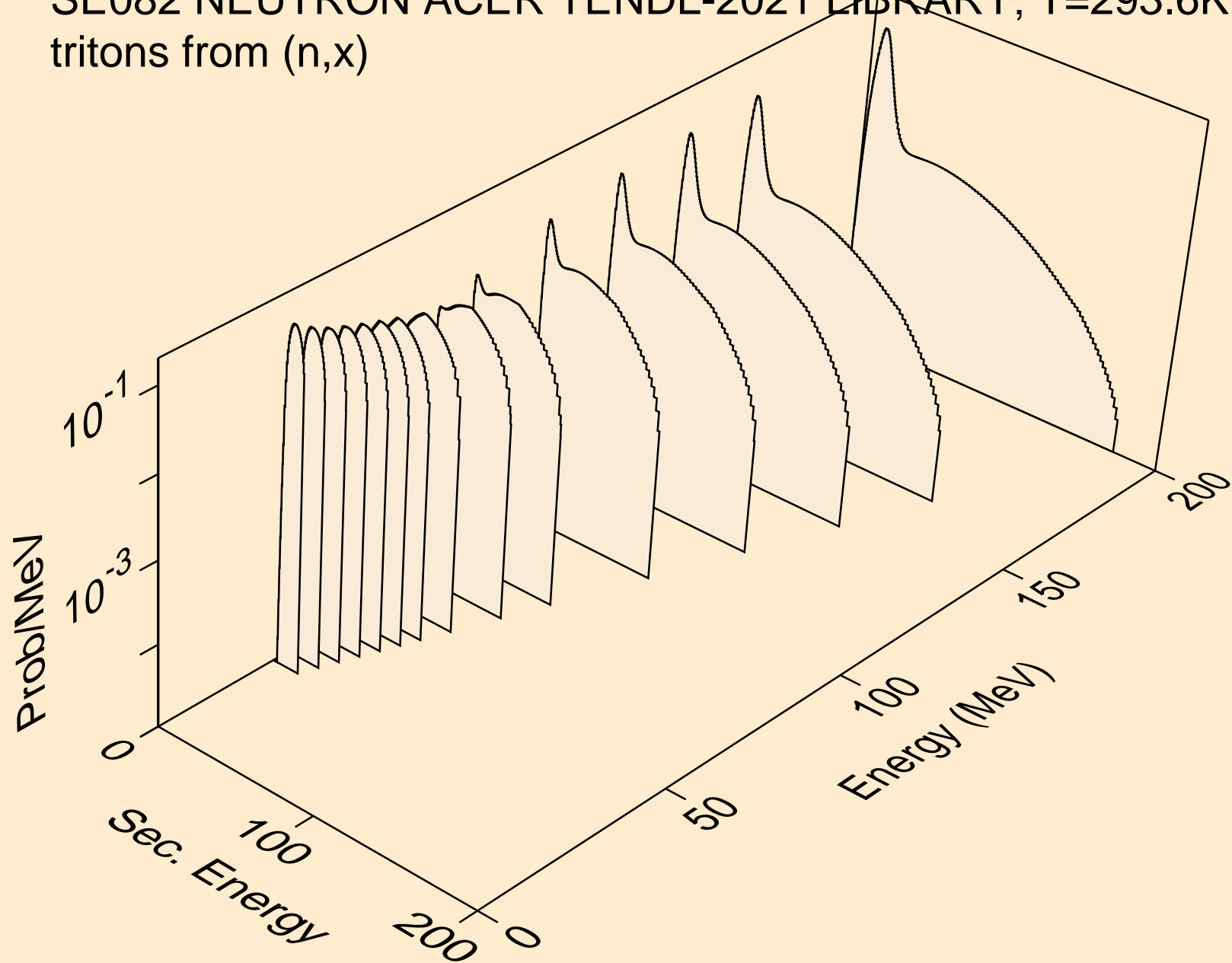
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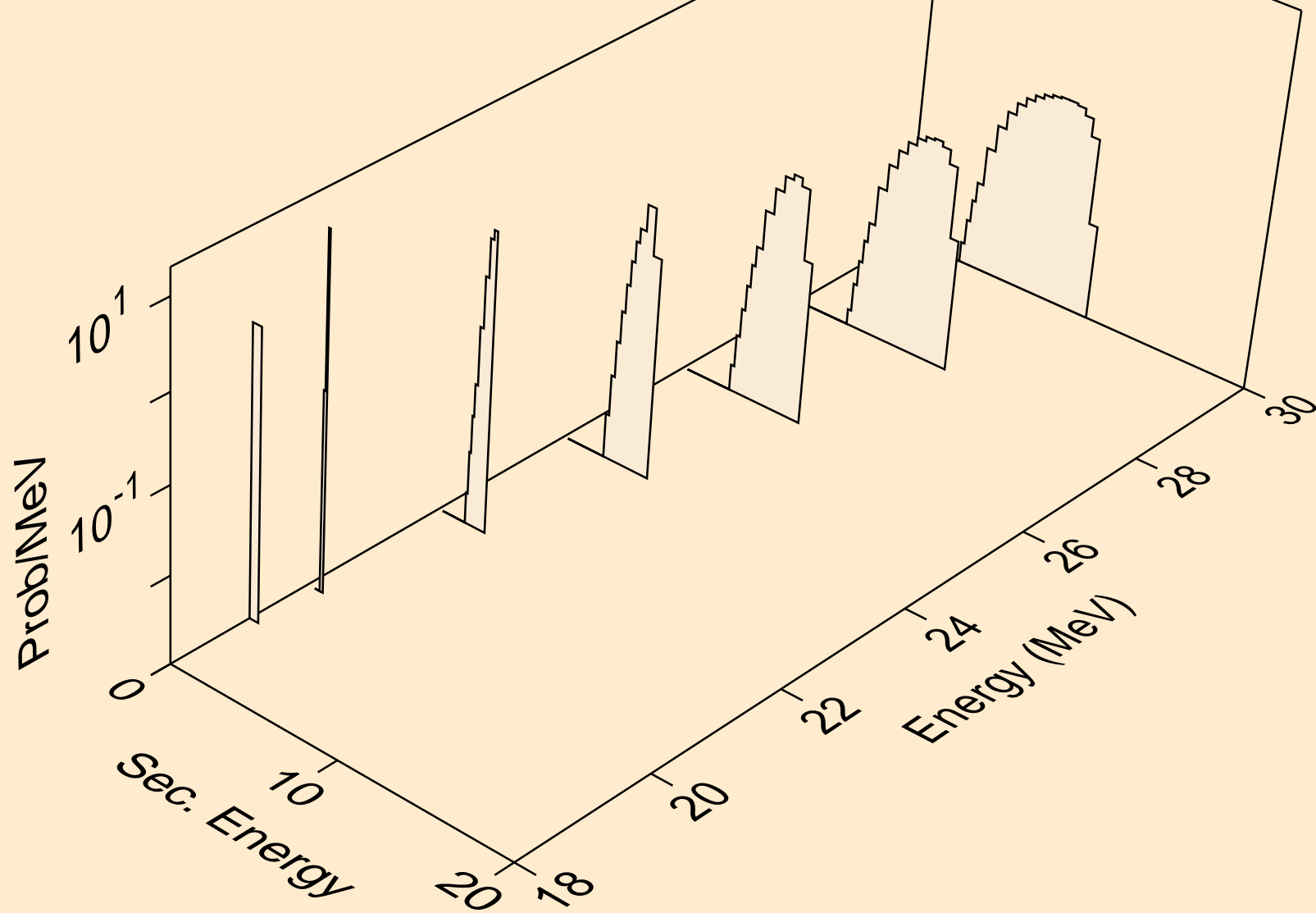
SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,pd)



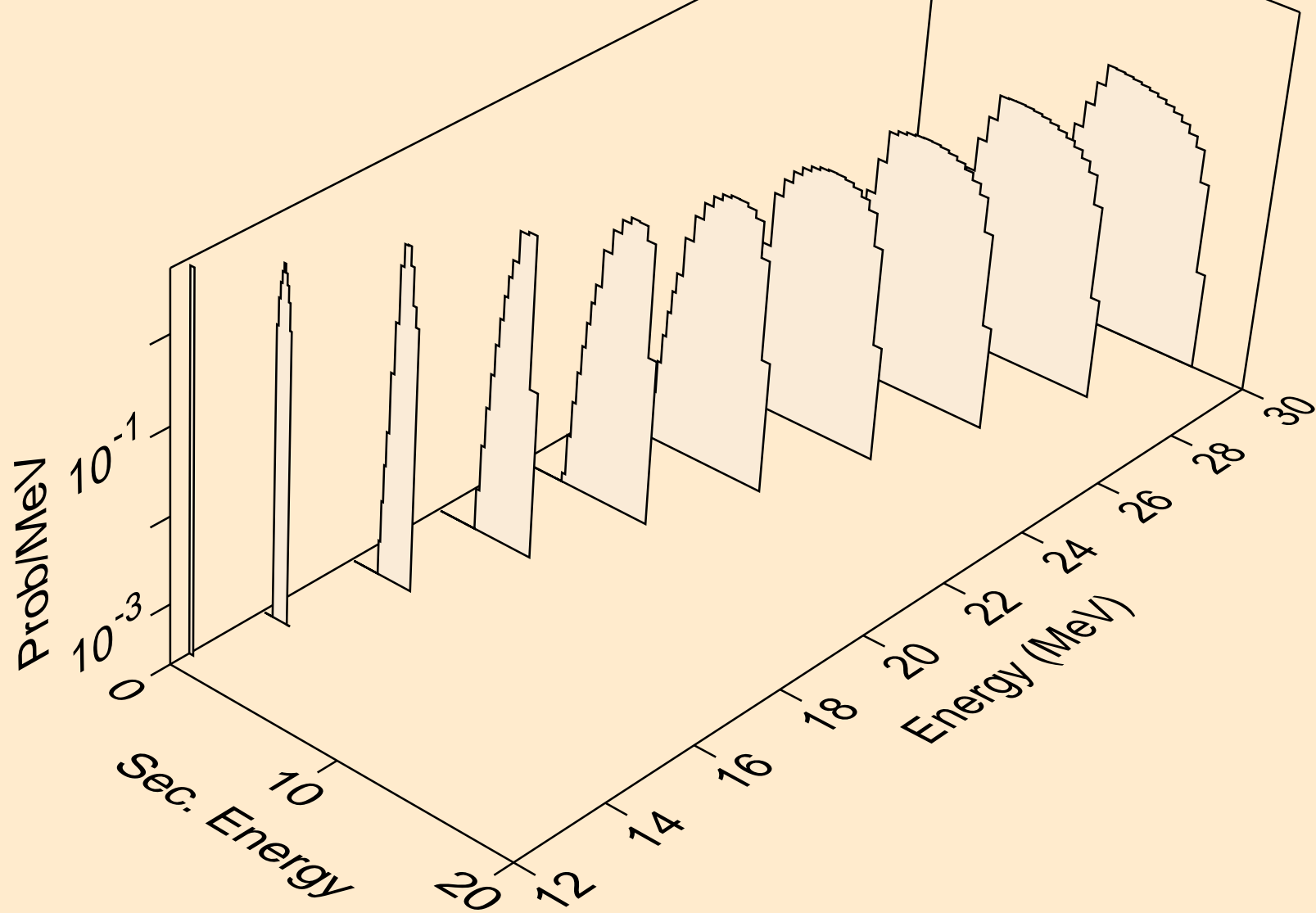
SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,x)



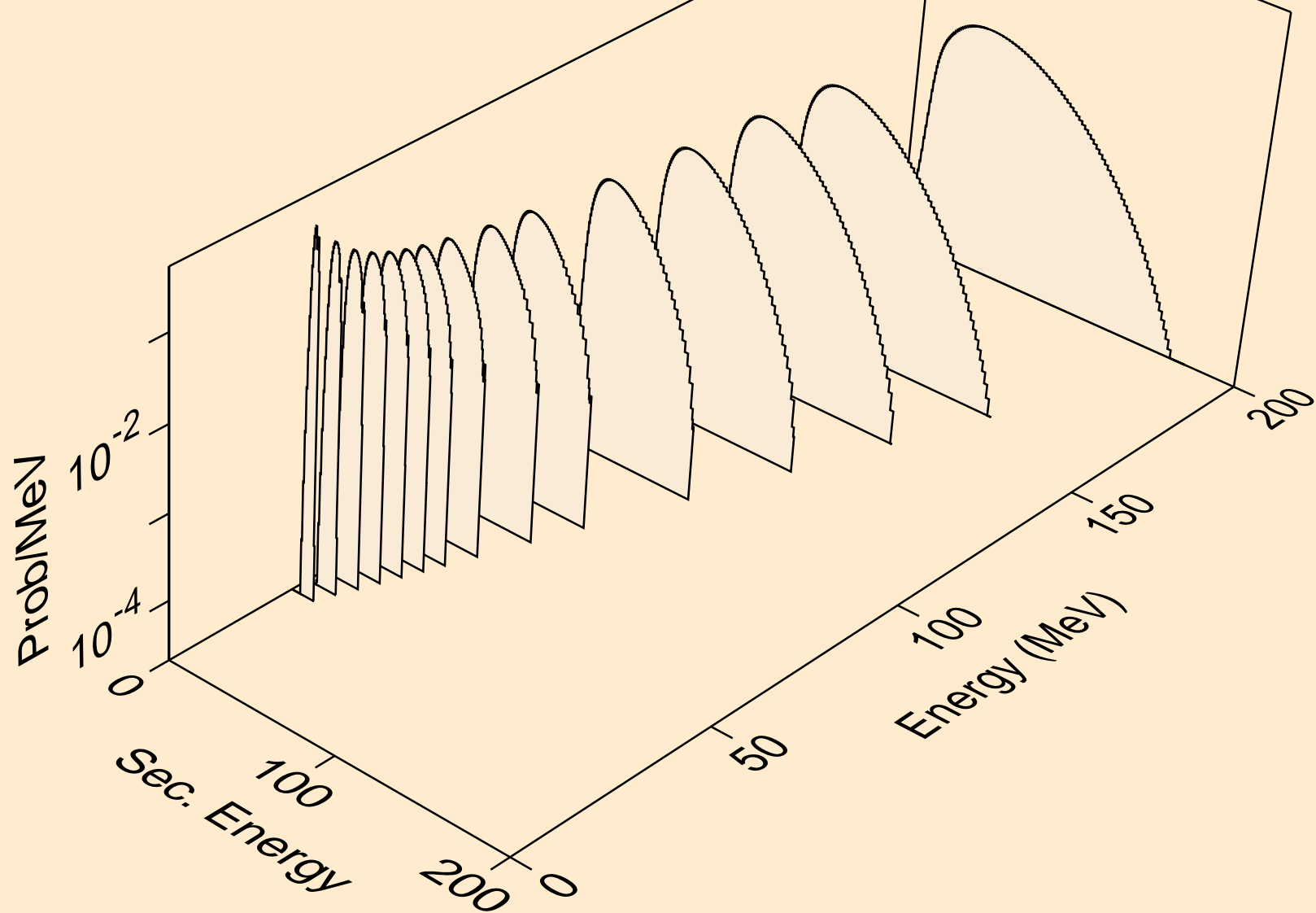
SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,n\*)t



SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,t)

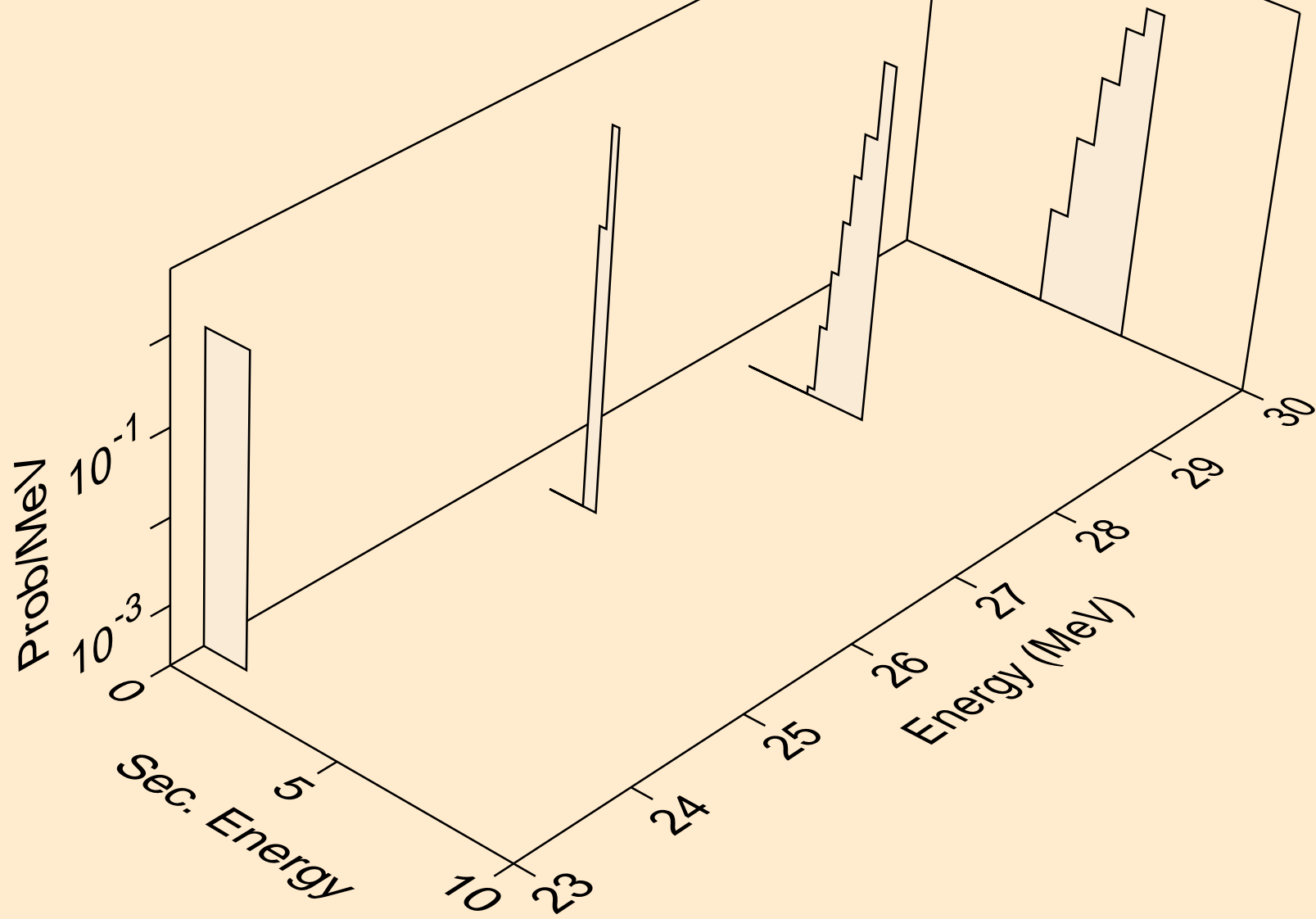


SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,x)

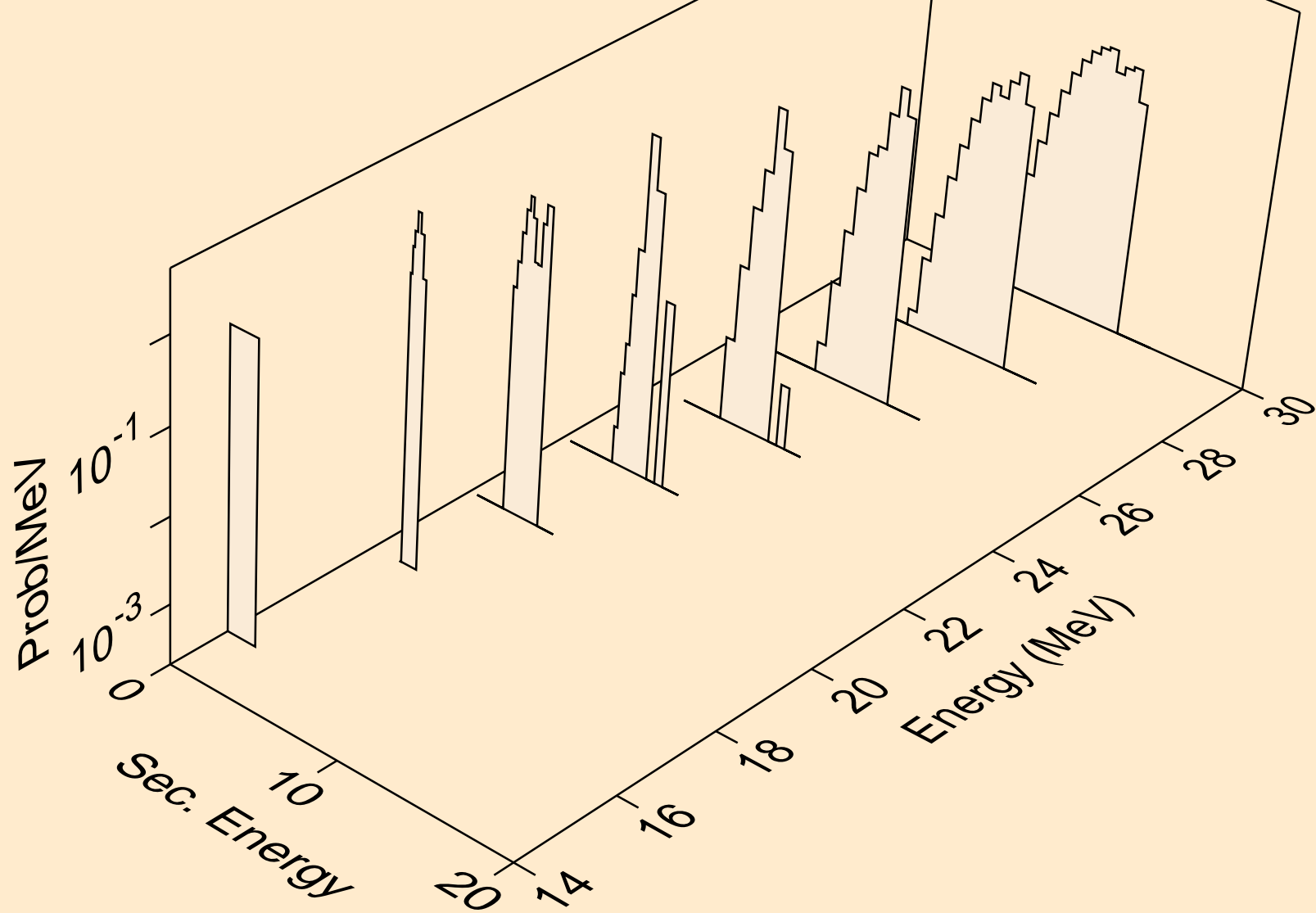




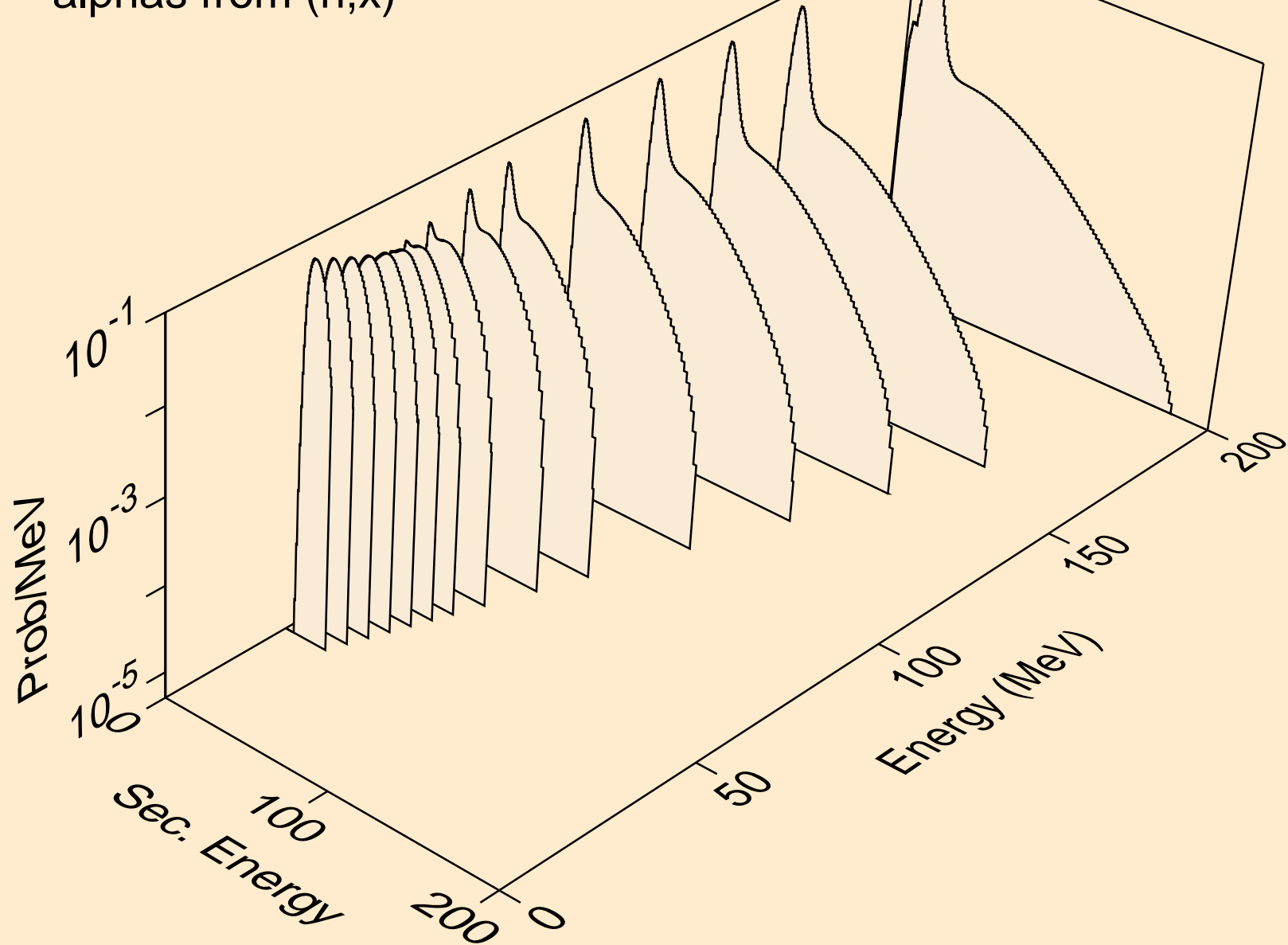
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he3s from (n,n\*)he3



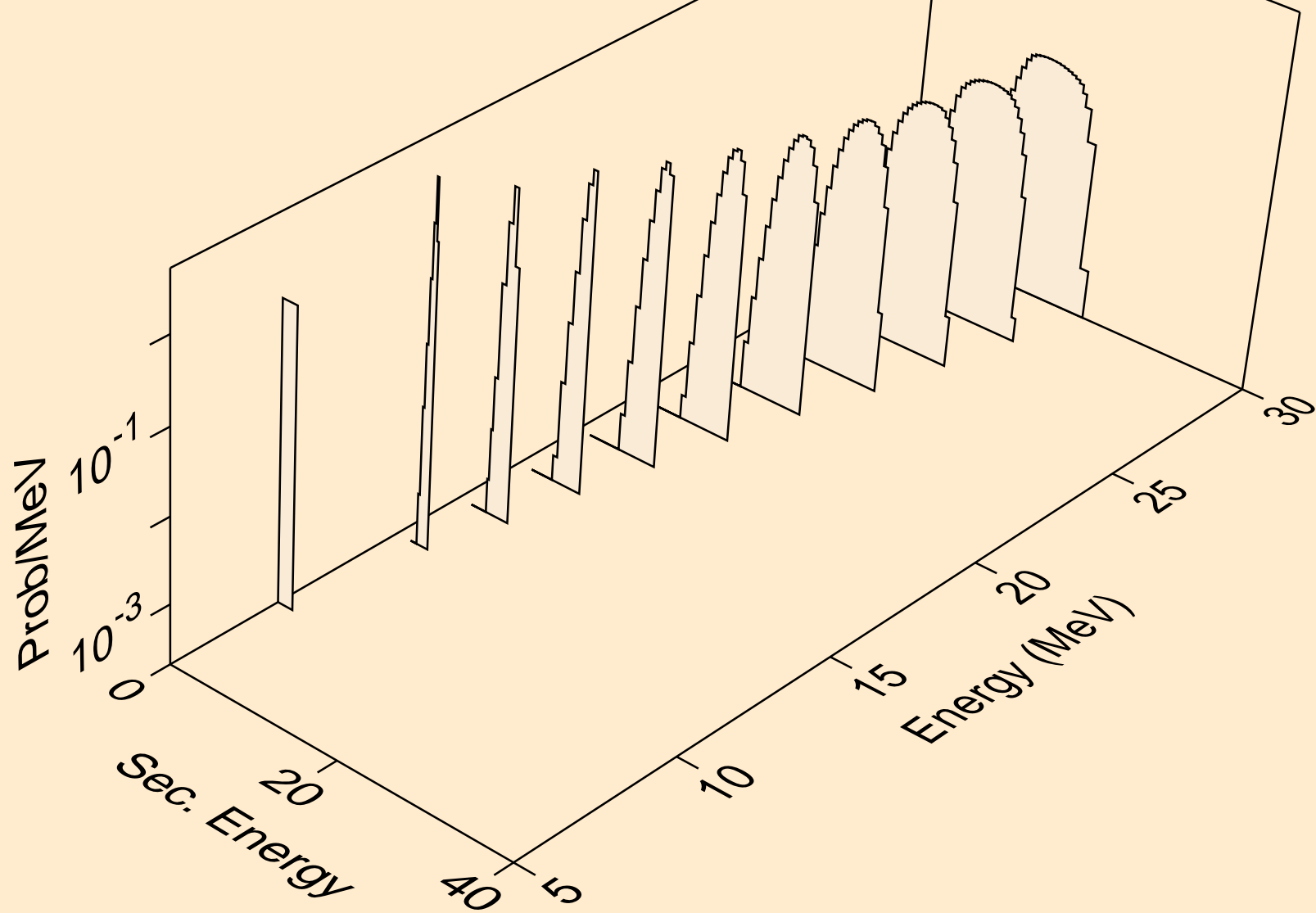
SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,he3)



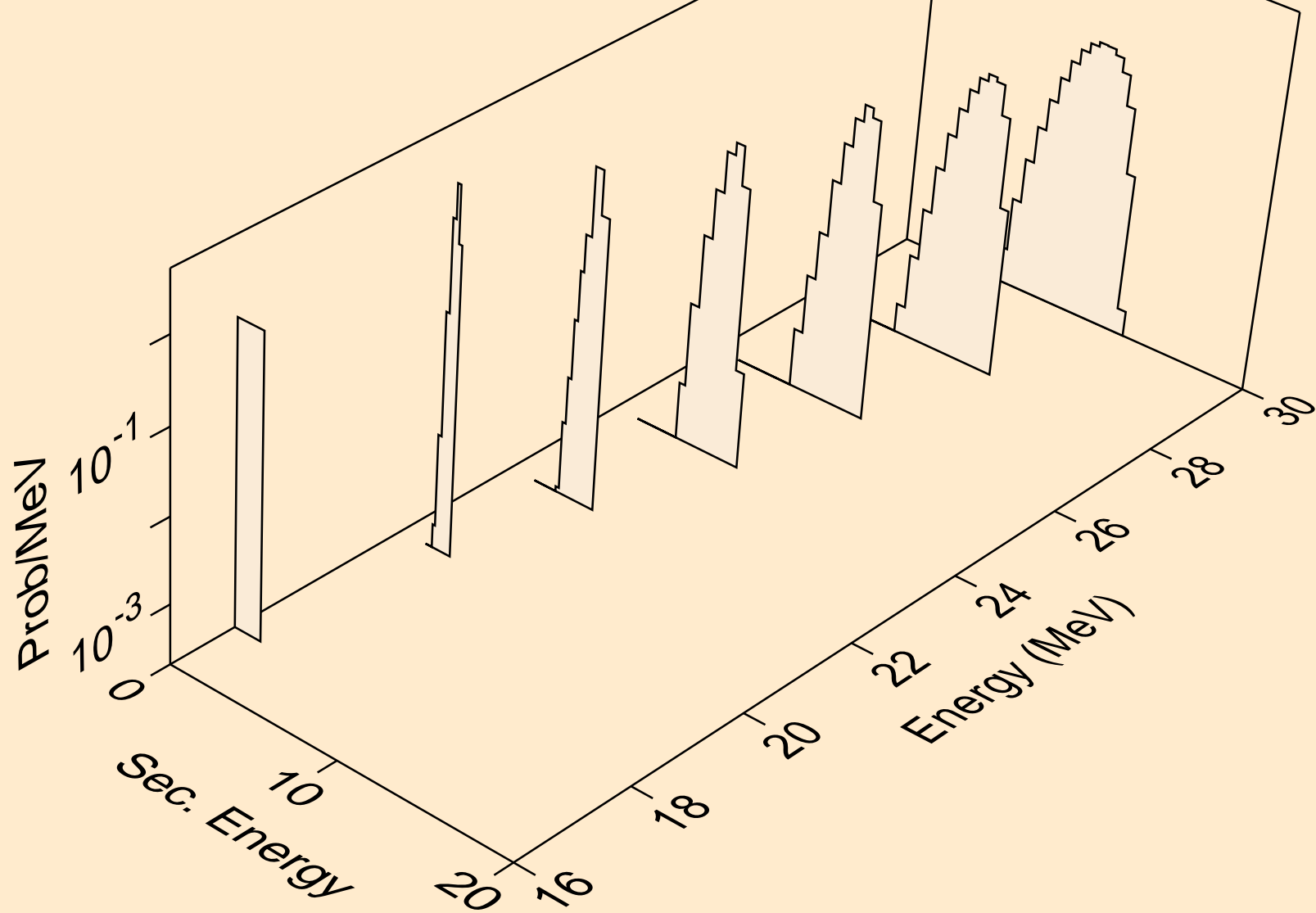
SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,x)



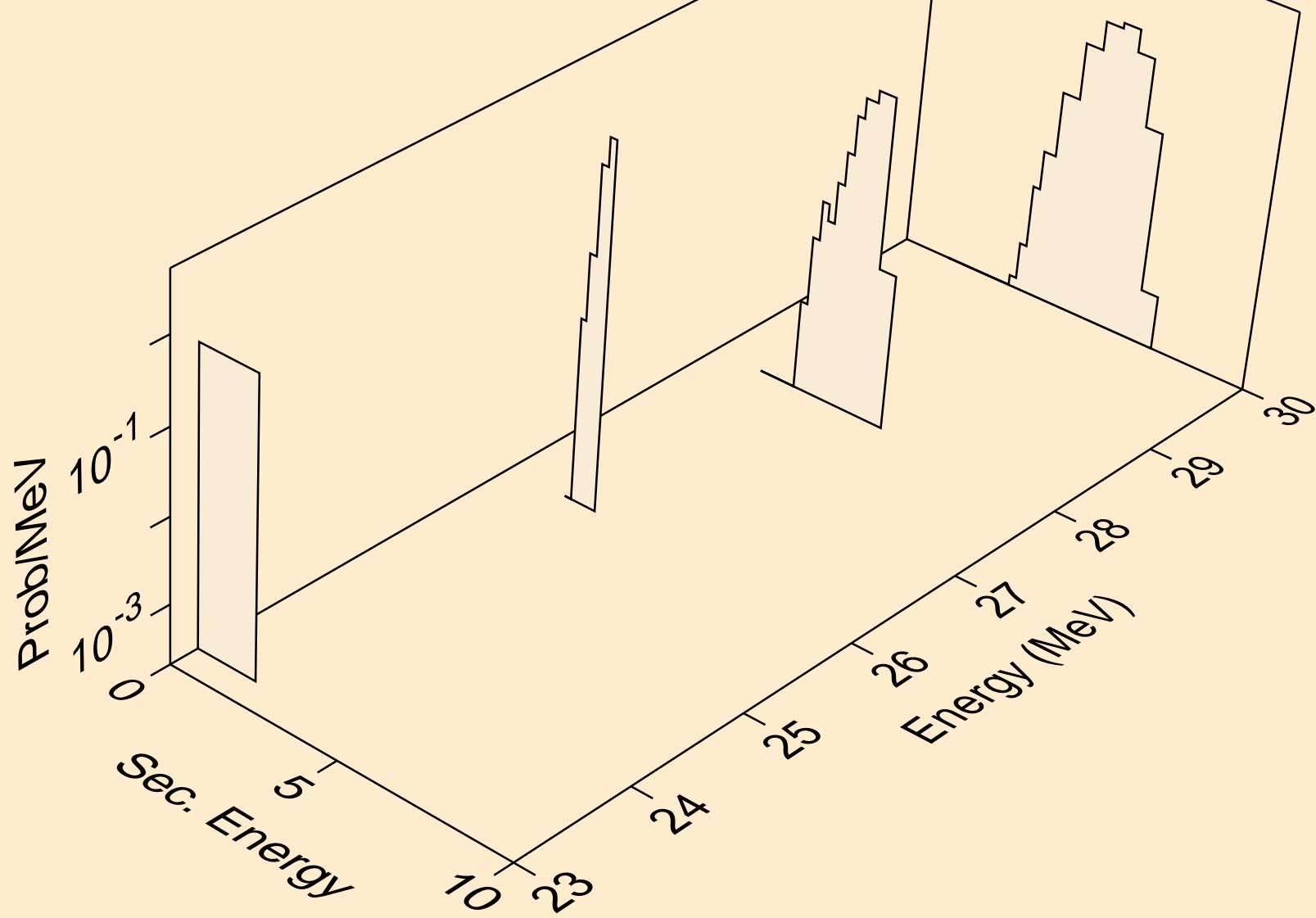
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alphas from (n,n\*)a



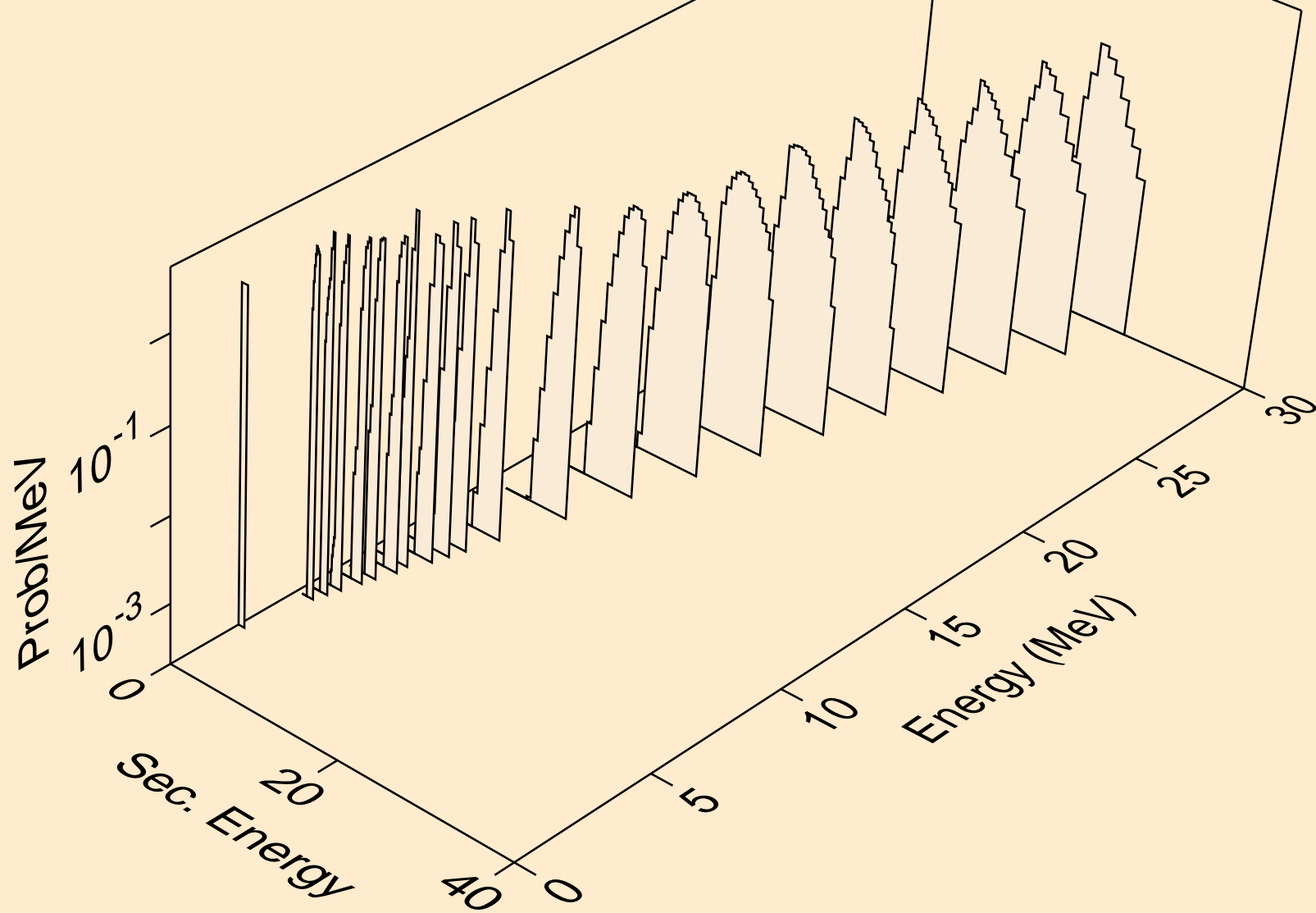
SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)a



SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3n)a



SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)



SE082 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,pa)

