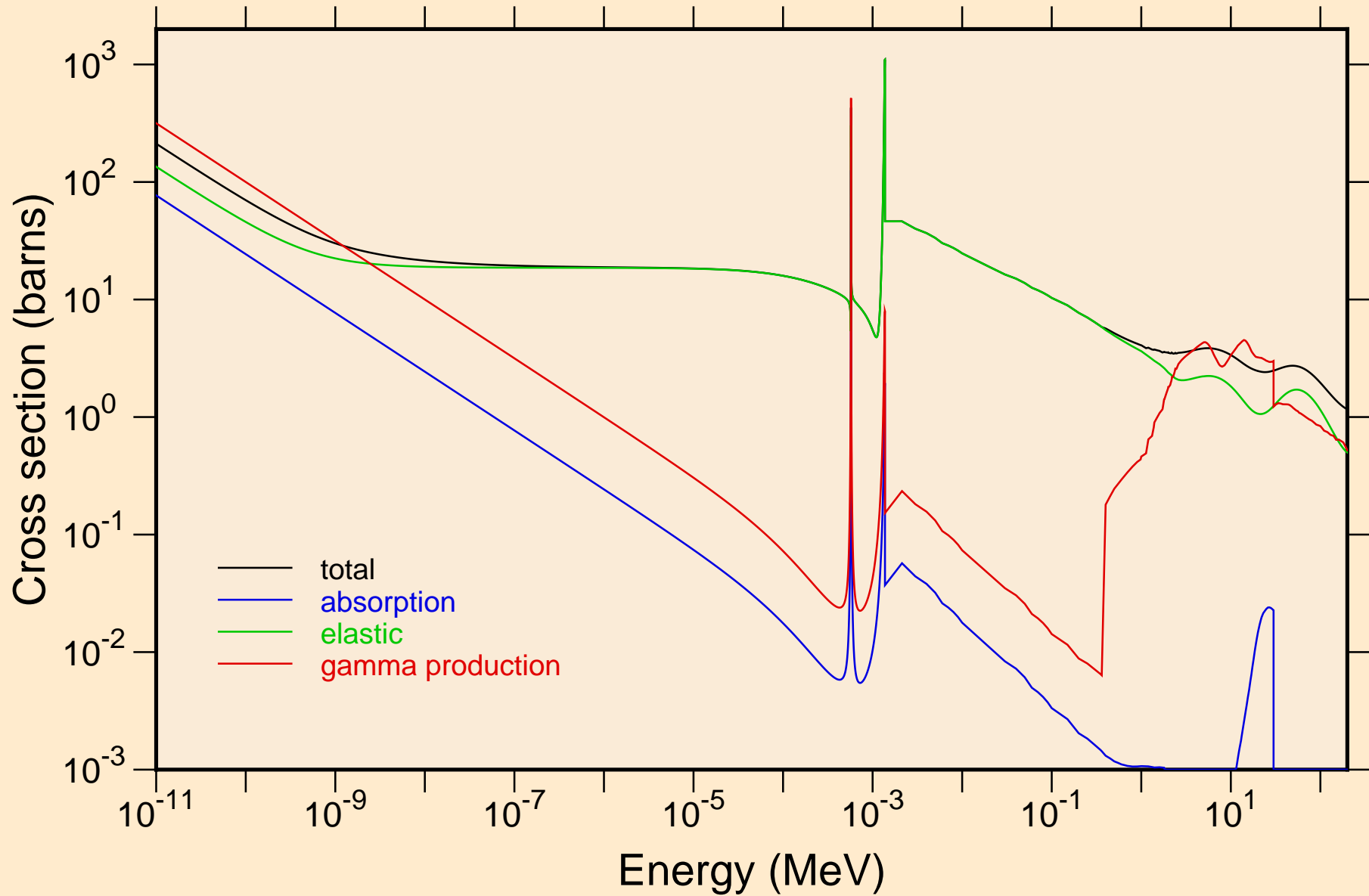
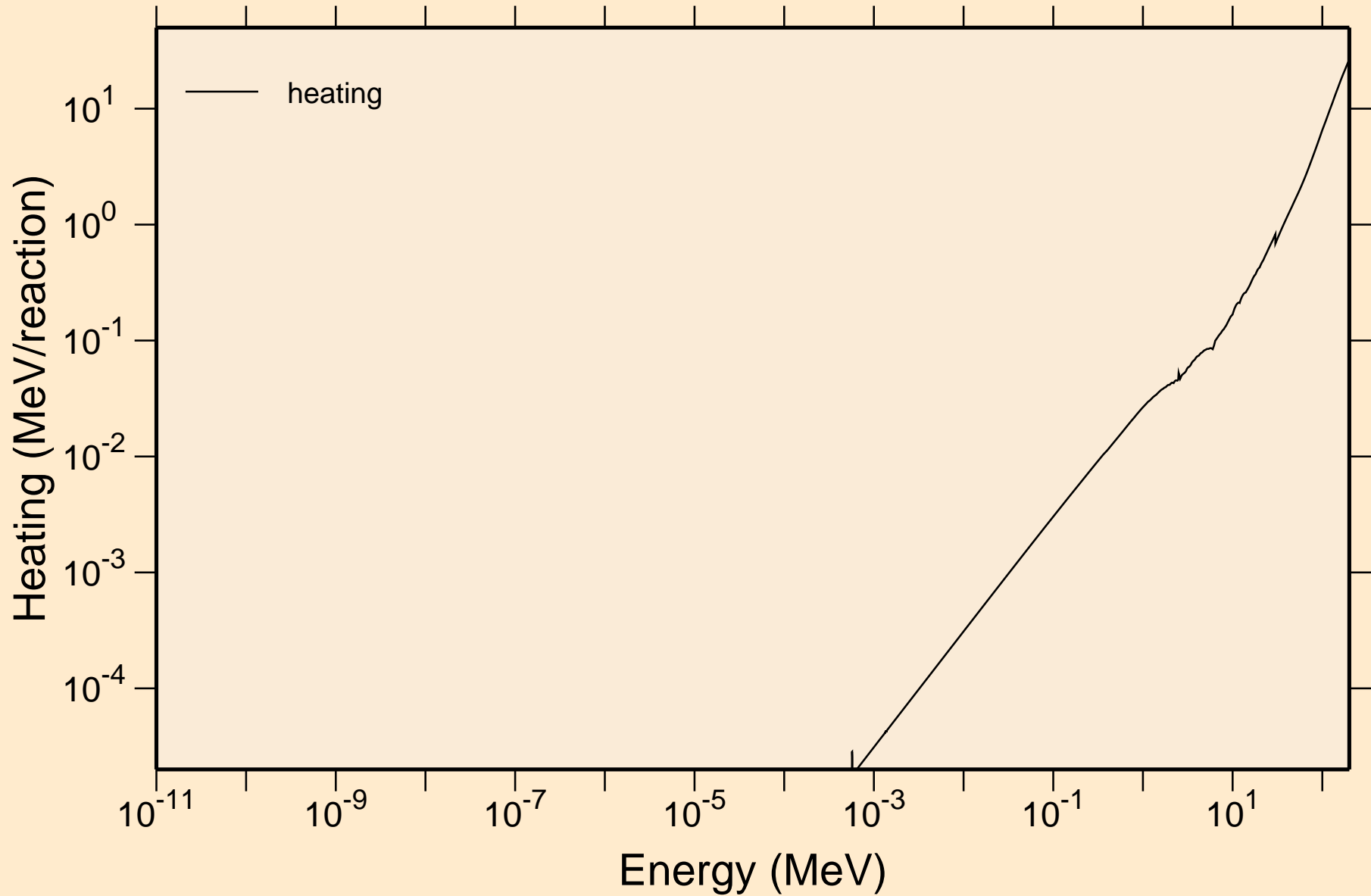


# FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

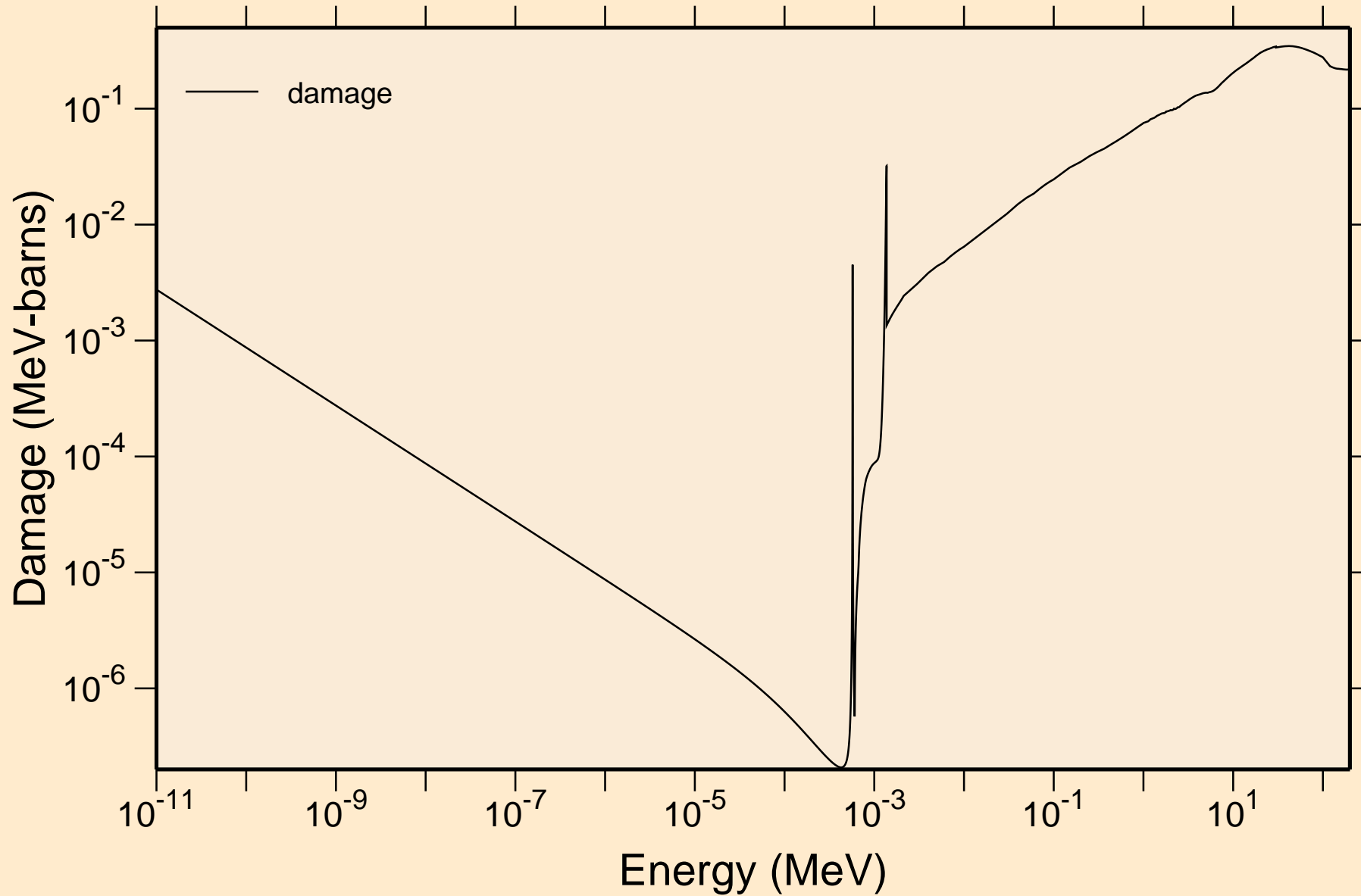
## Principal cross sections



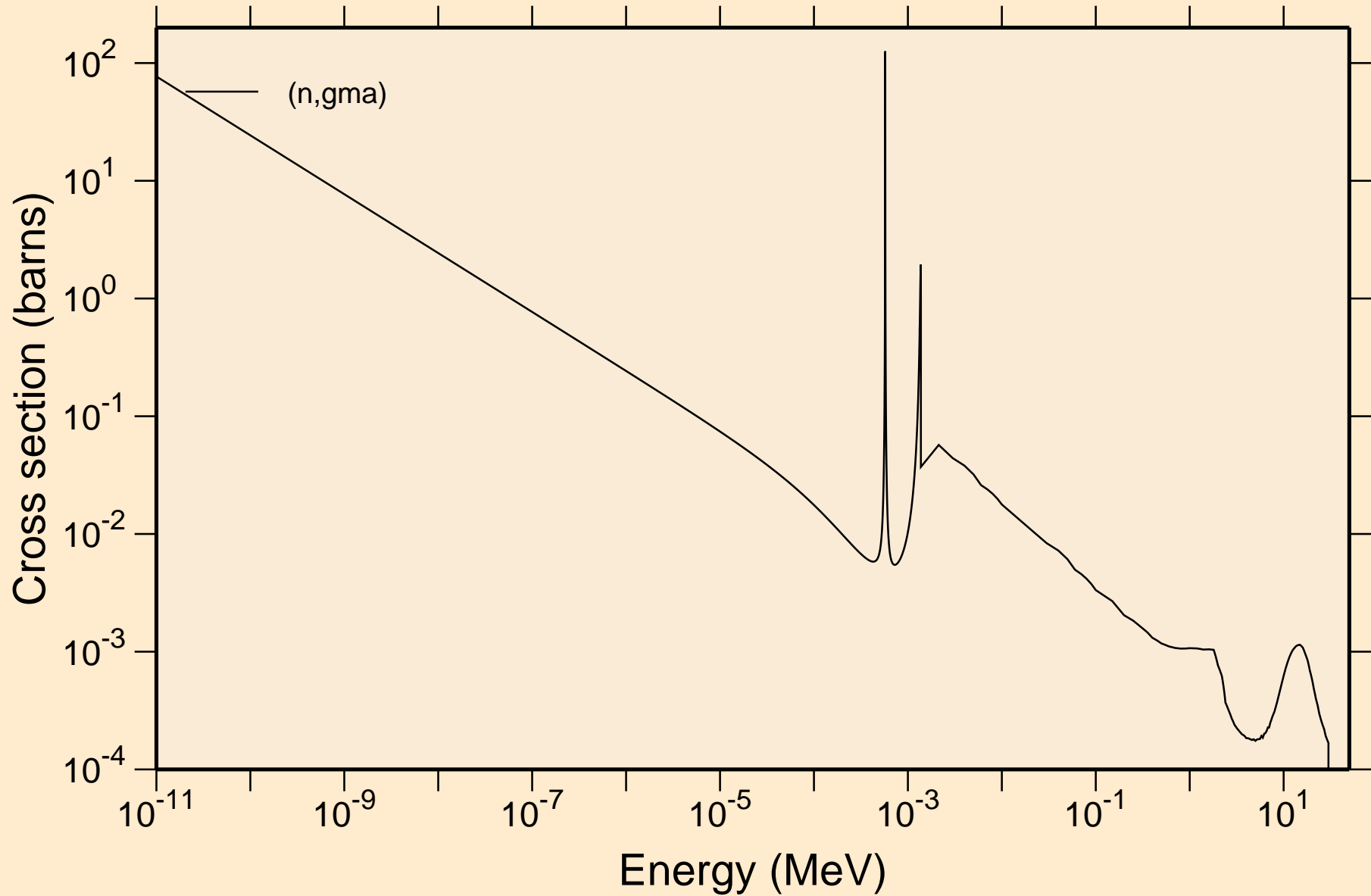
FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage

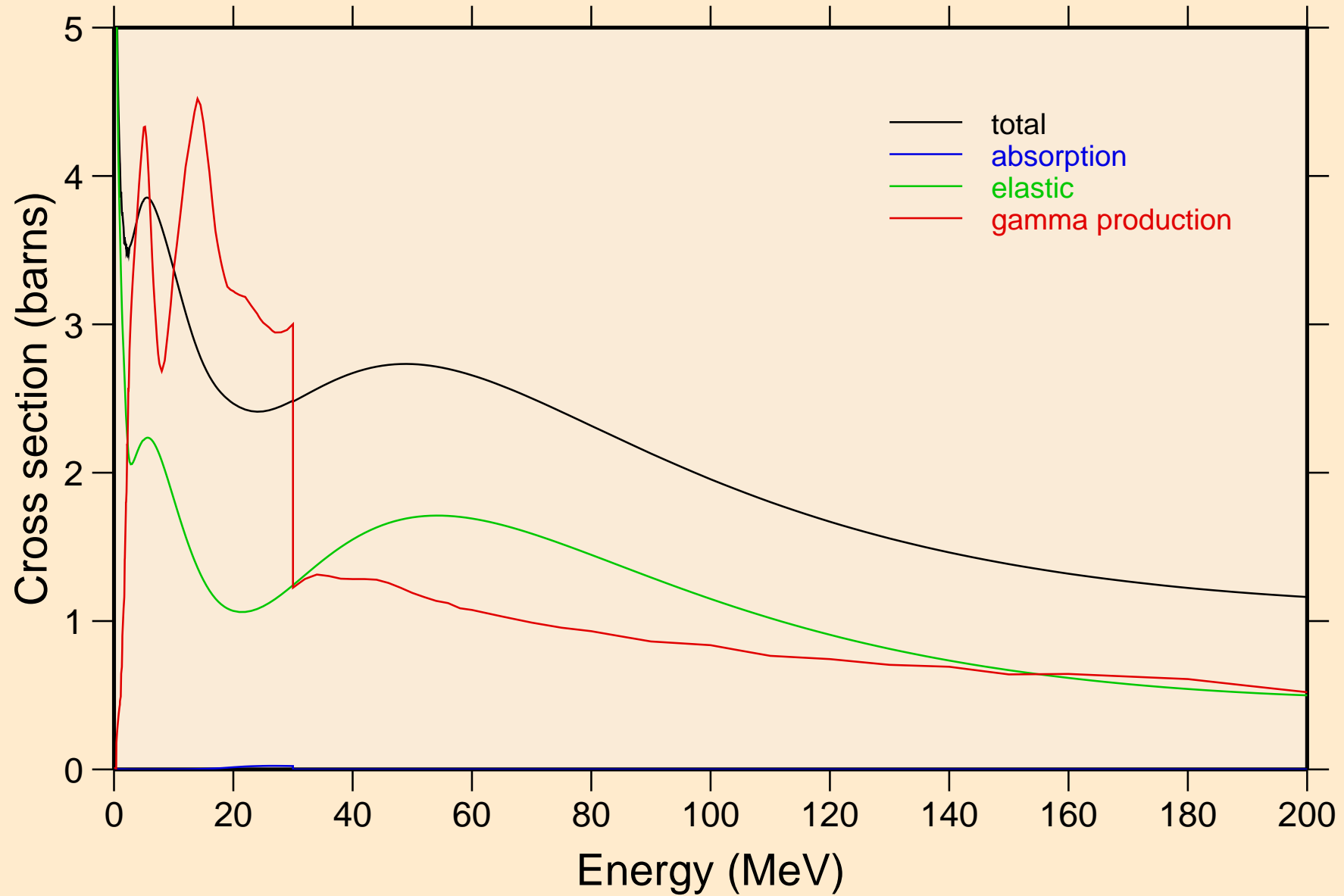


FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions

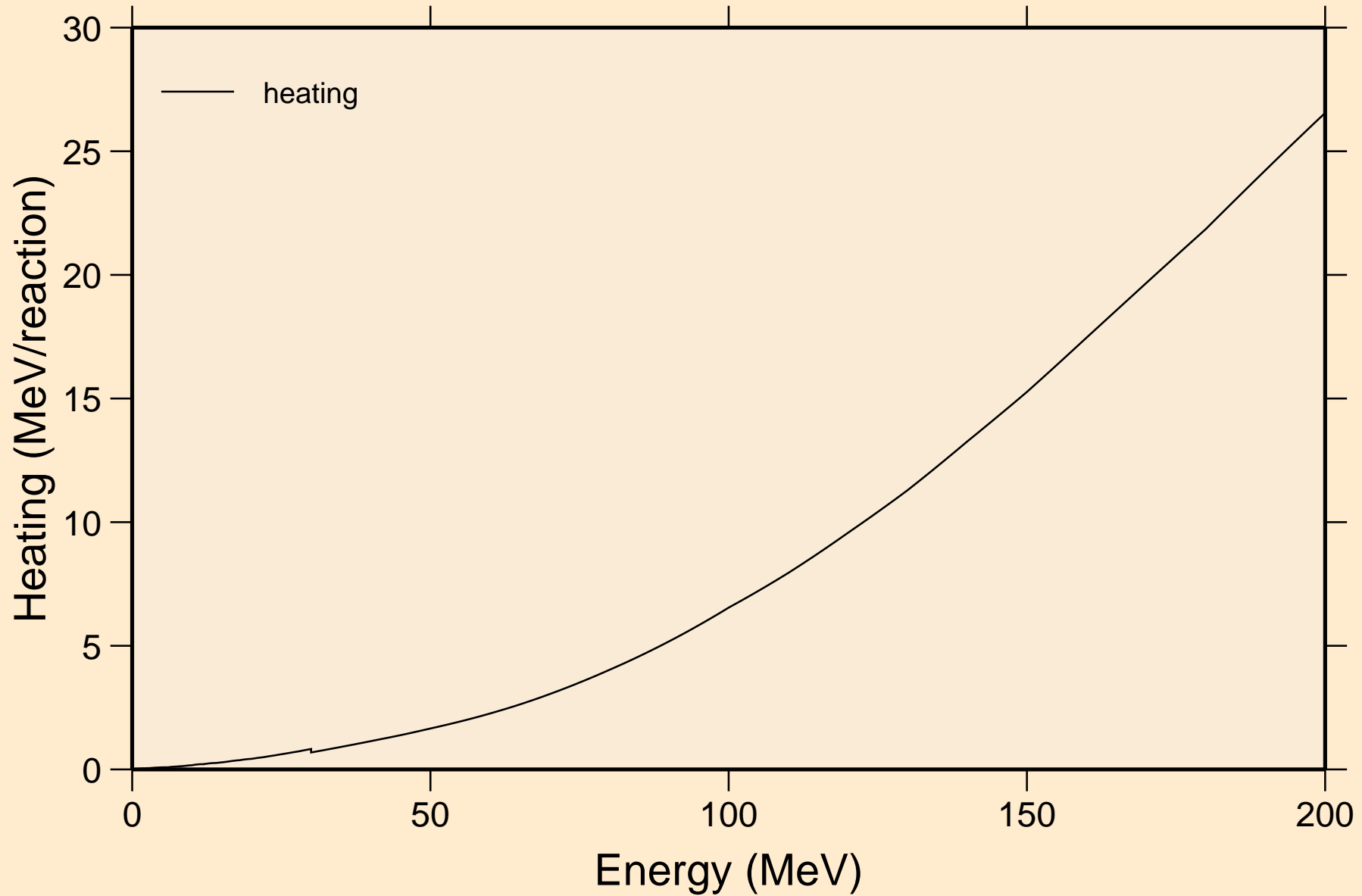


# FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

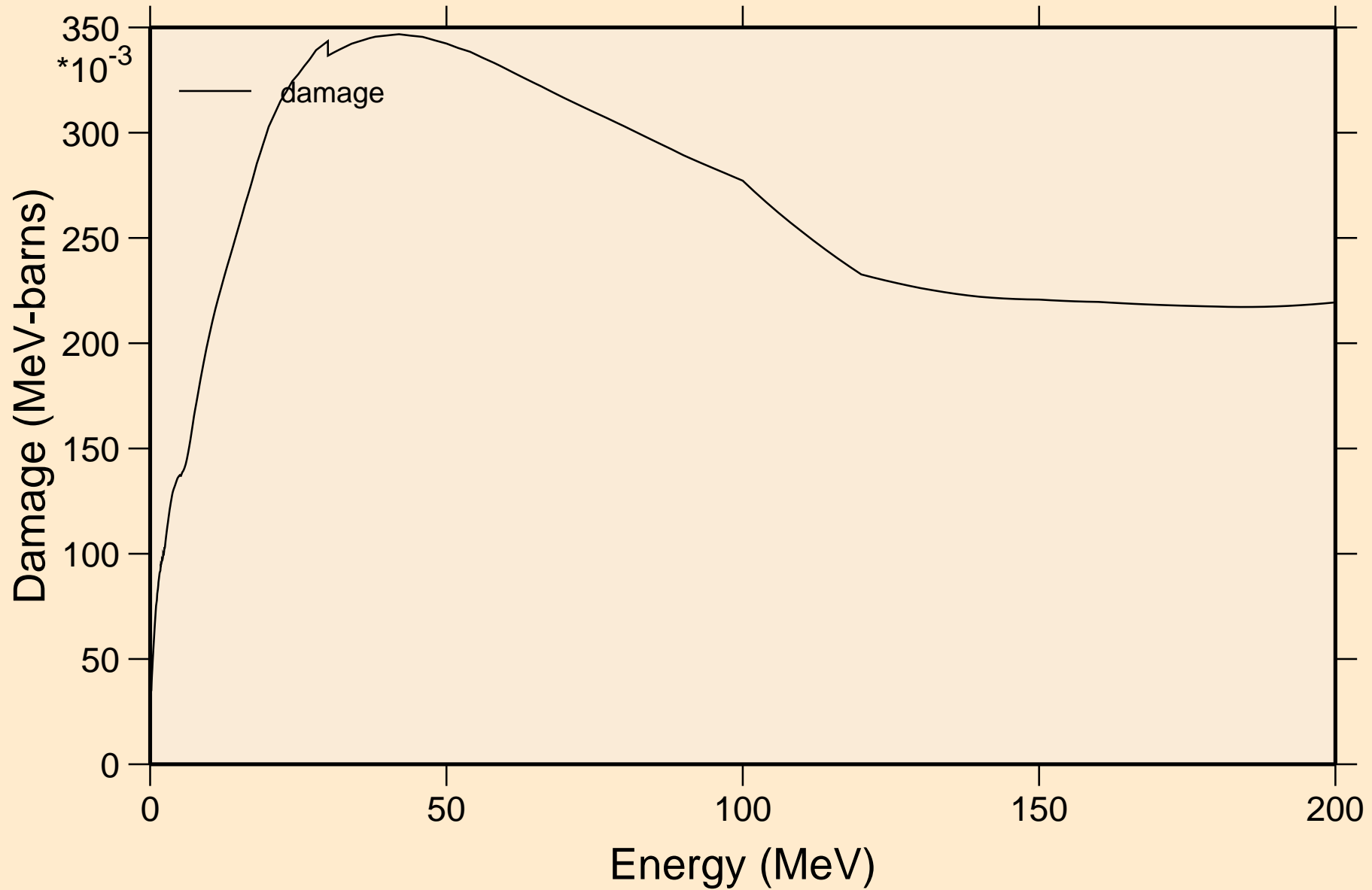
## Principal cross sections



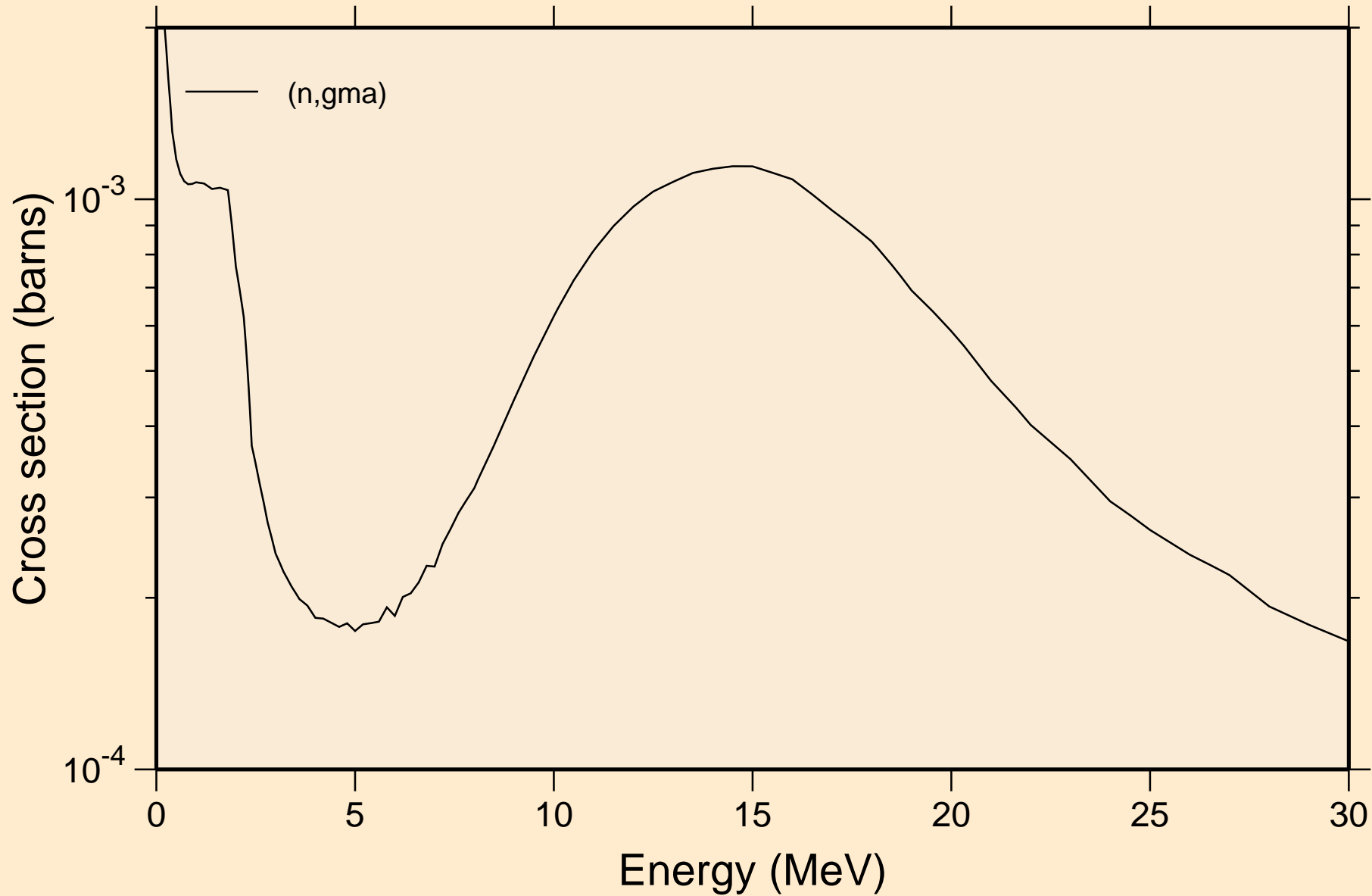
FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage

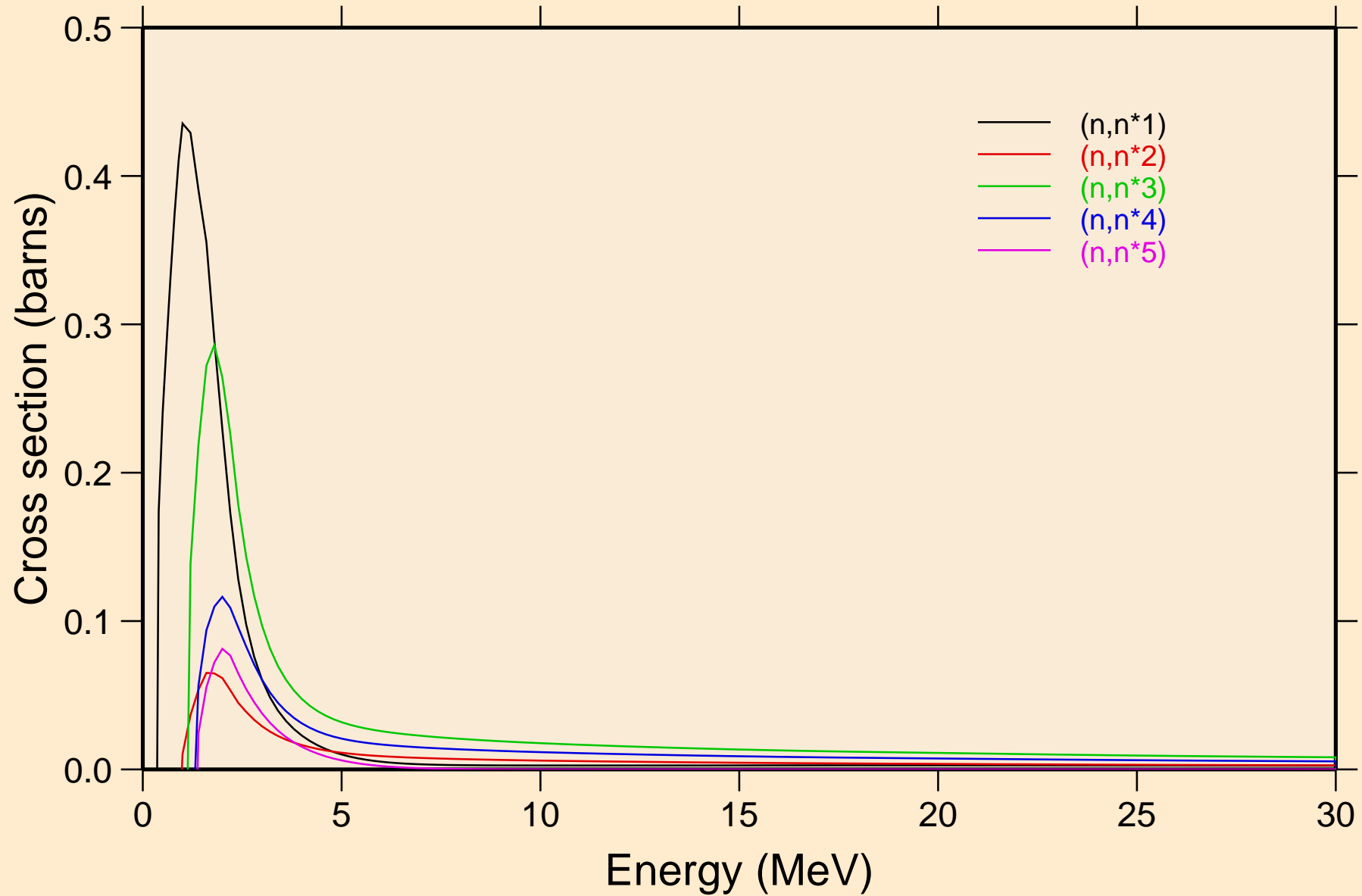


FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions

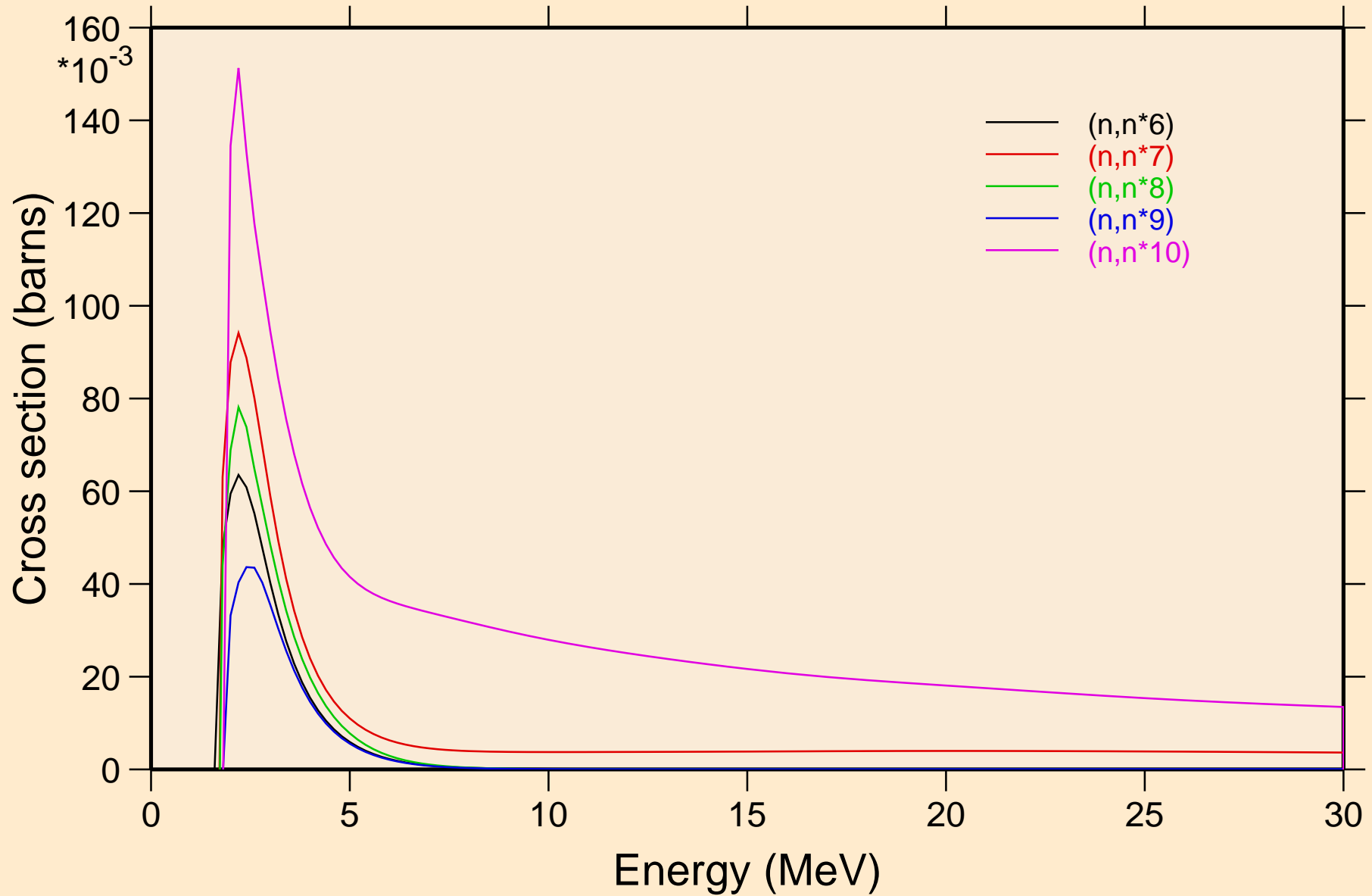




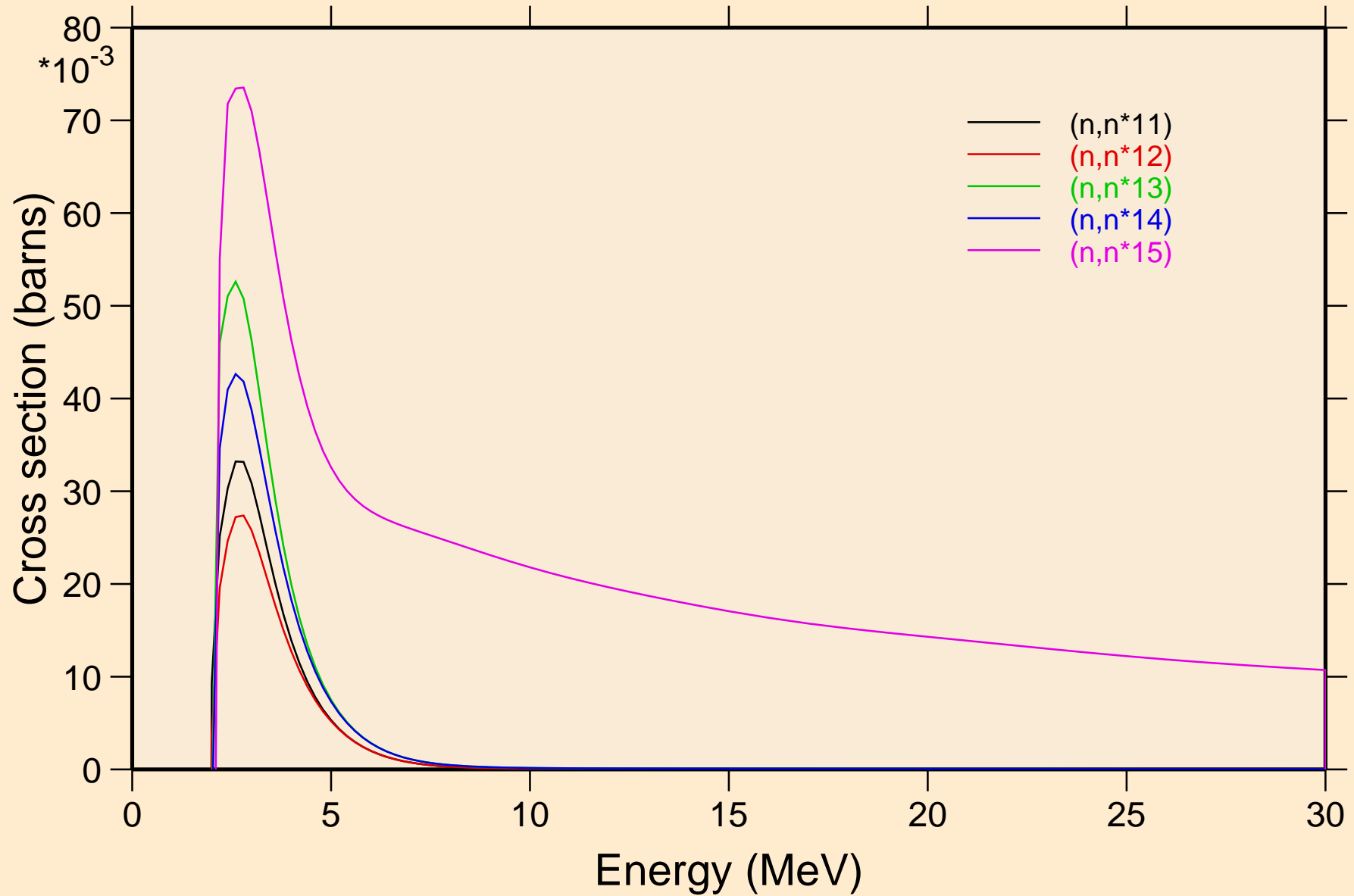
FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



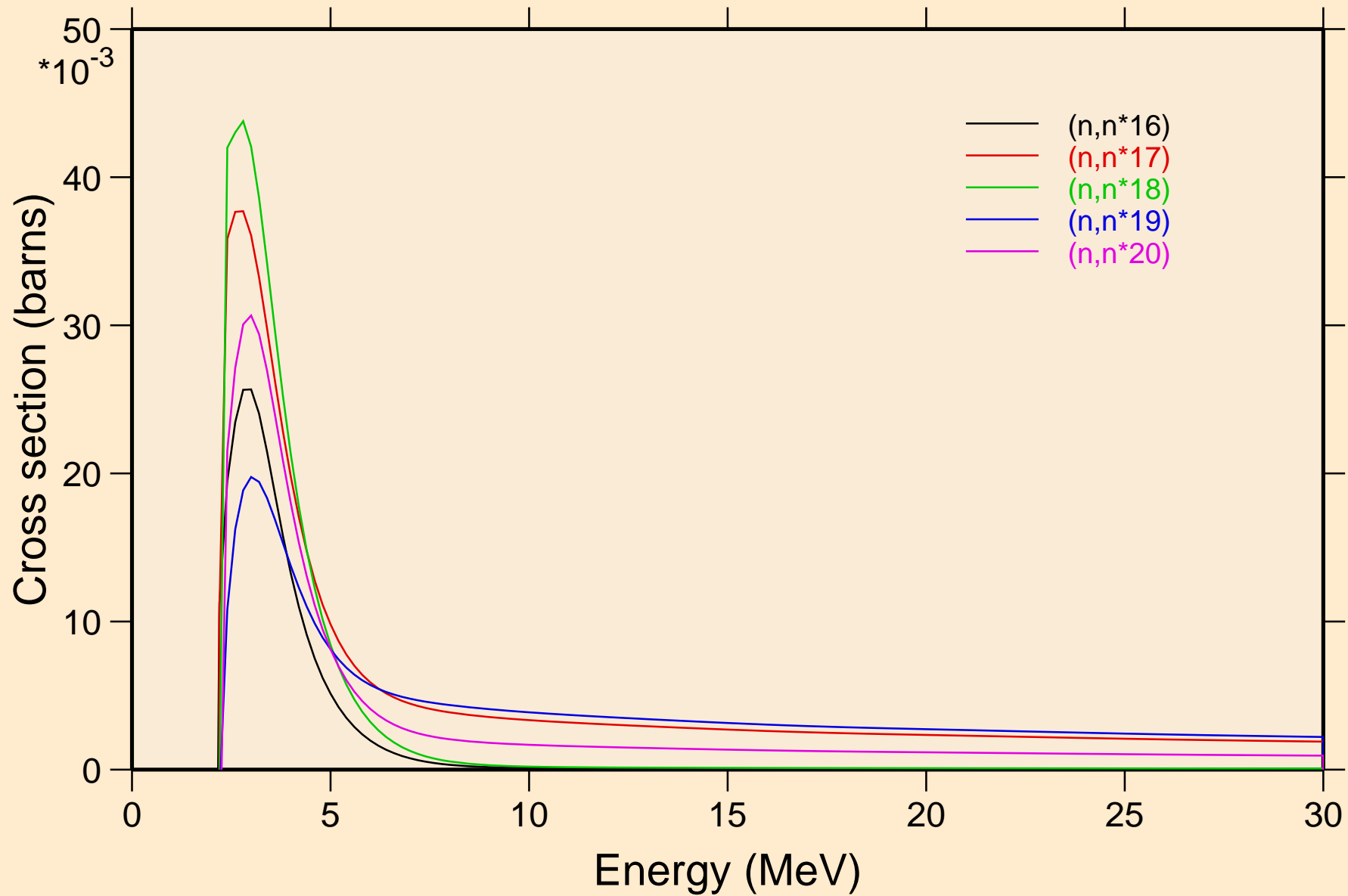
FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



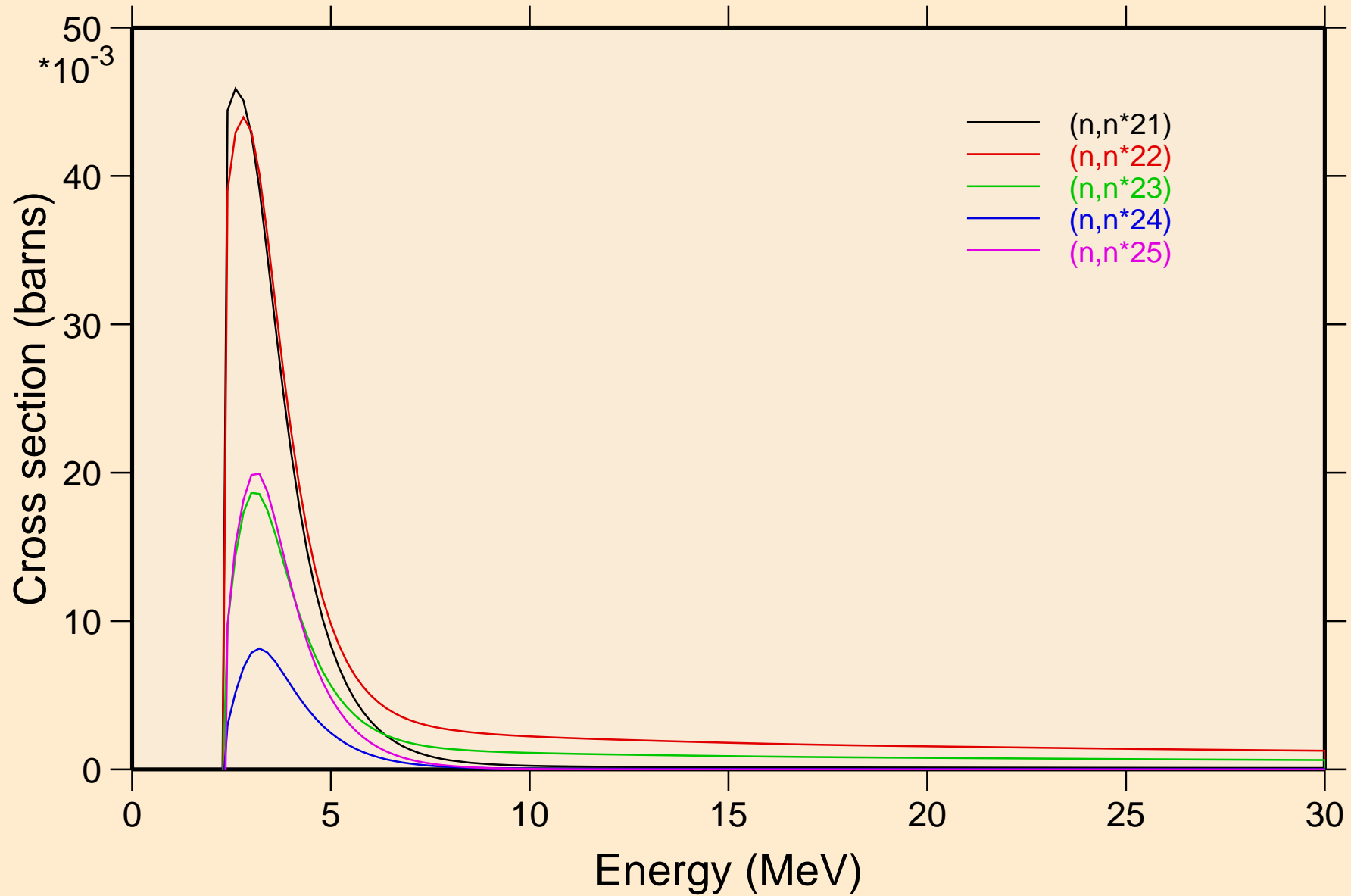
FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



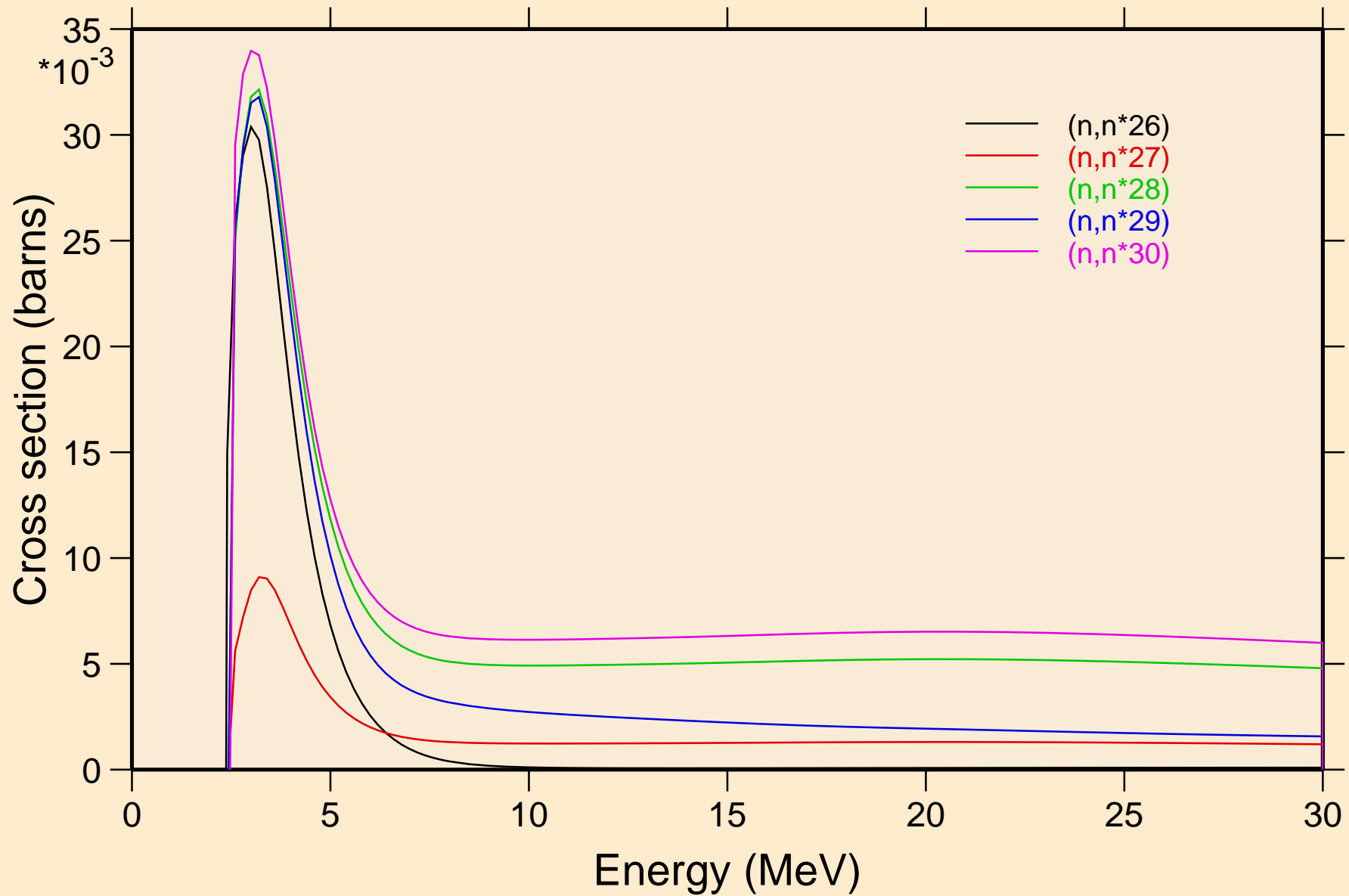
FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



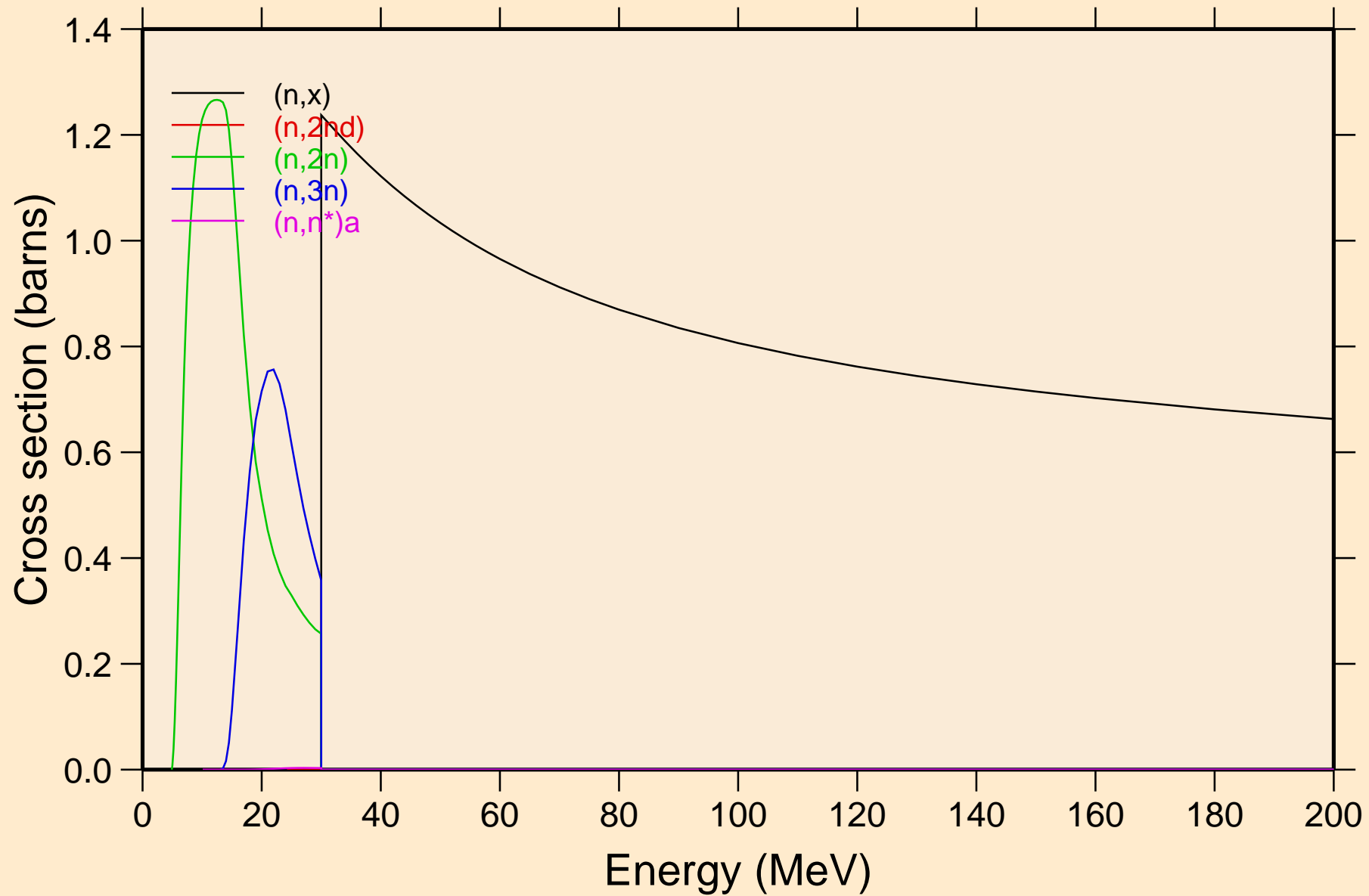
FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

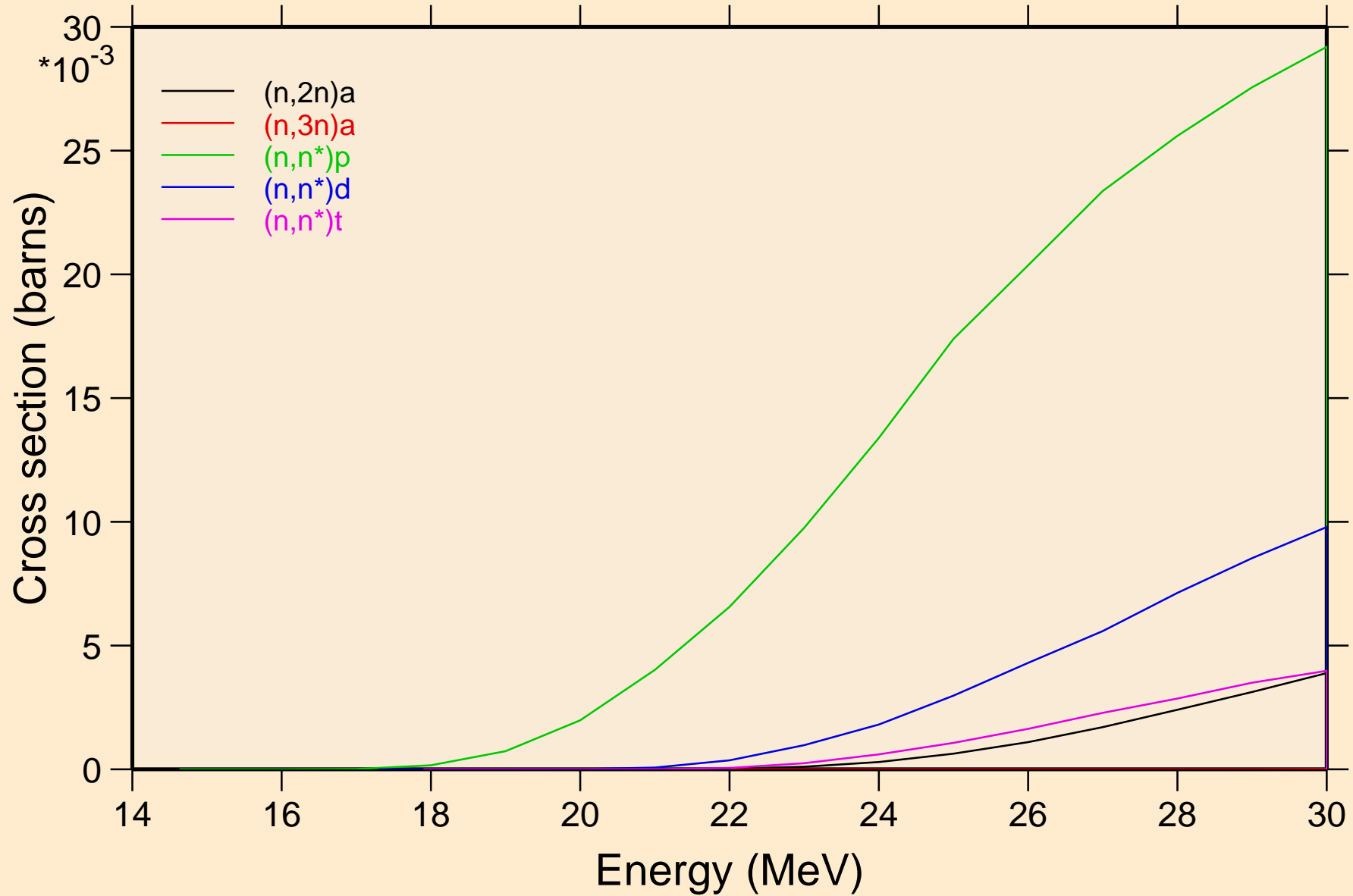


FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



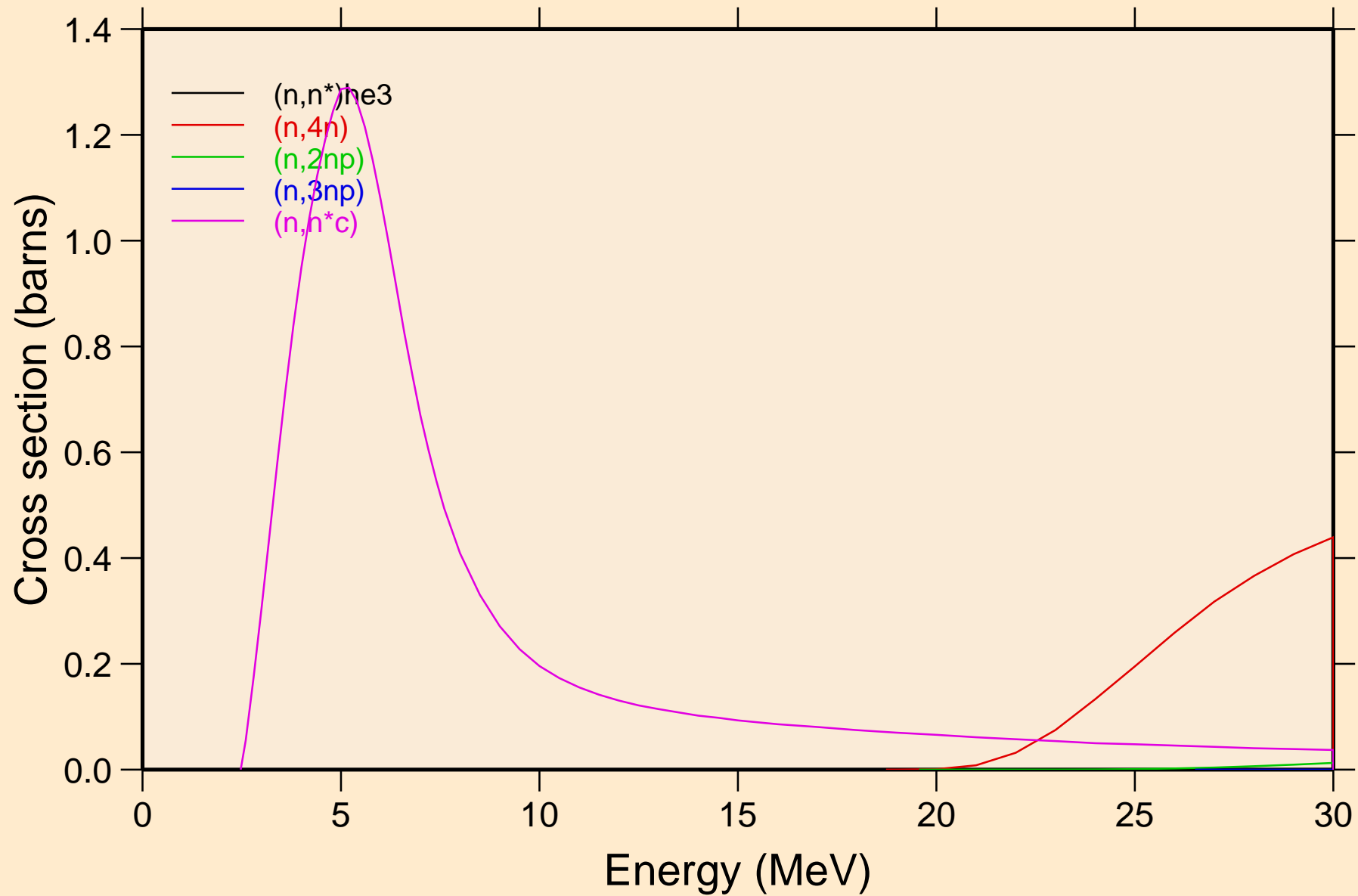
# FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Threshold reactions

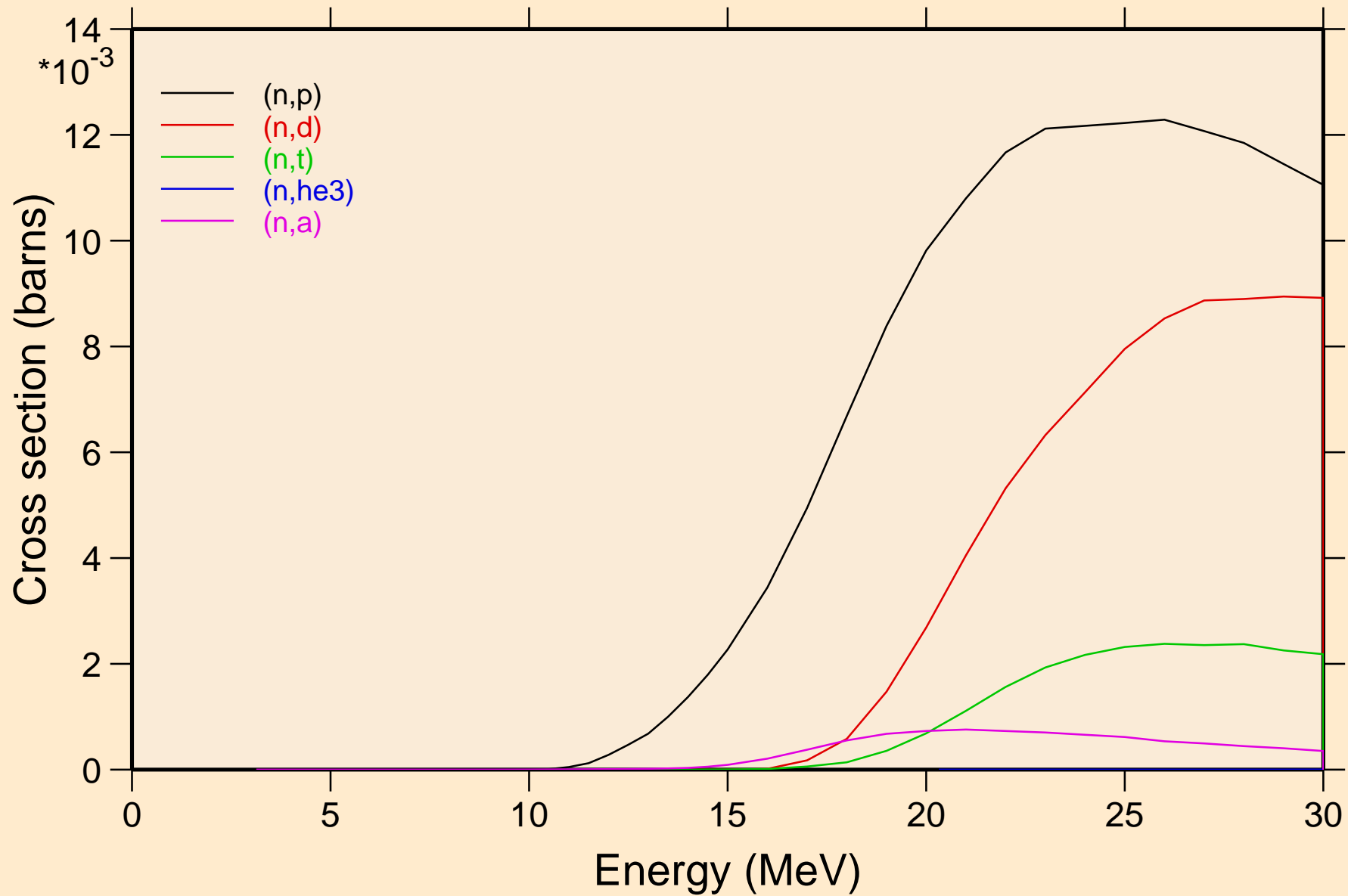




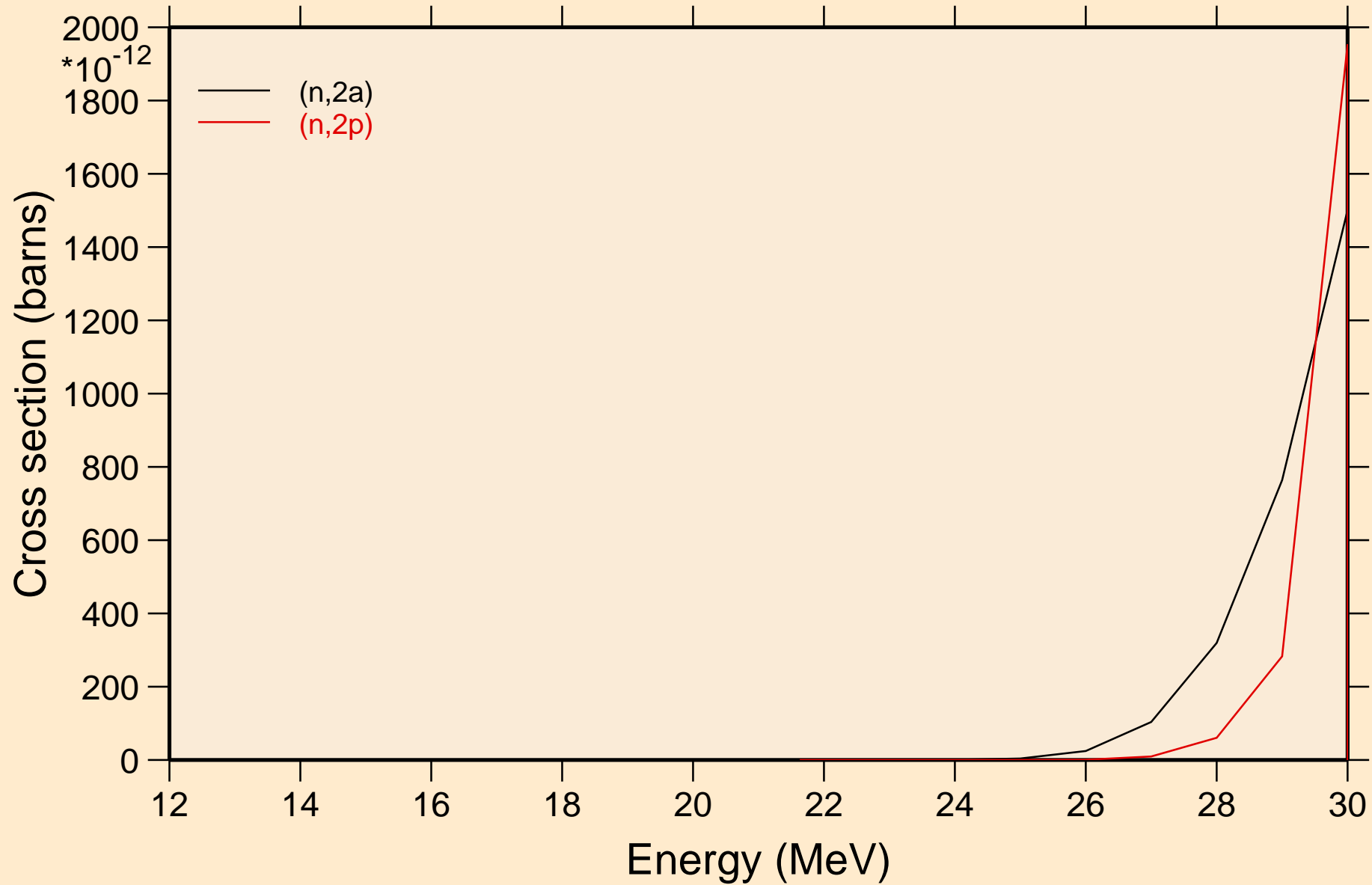
FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



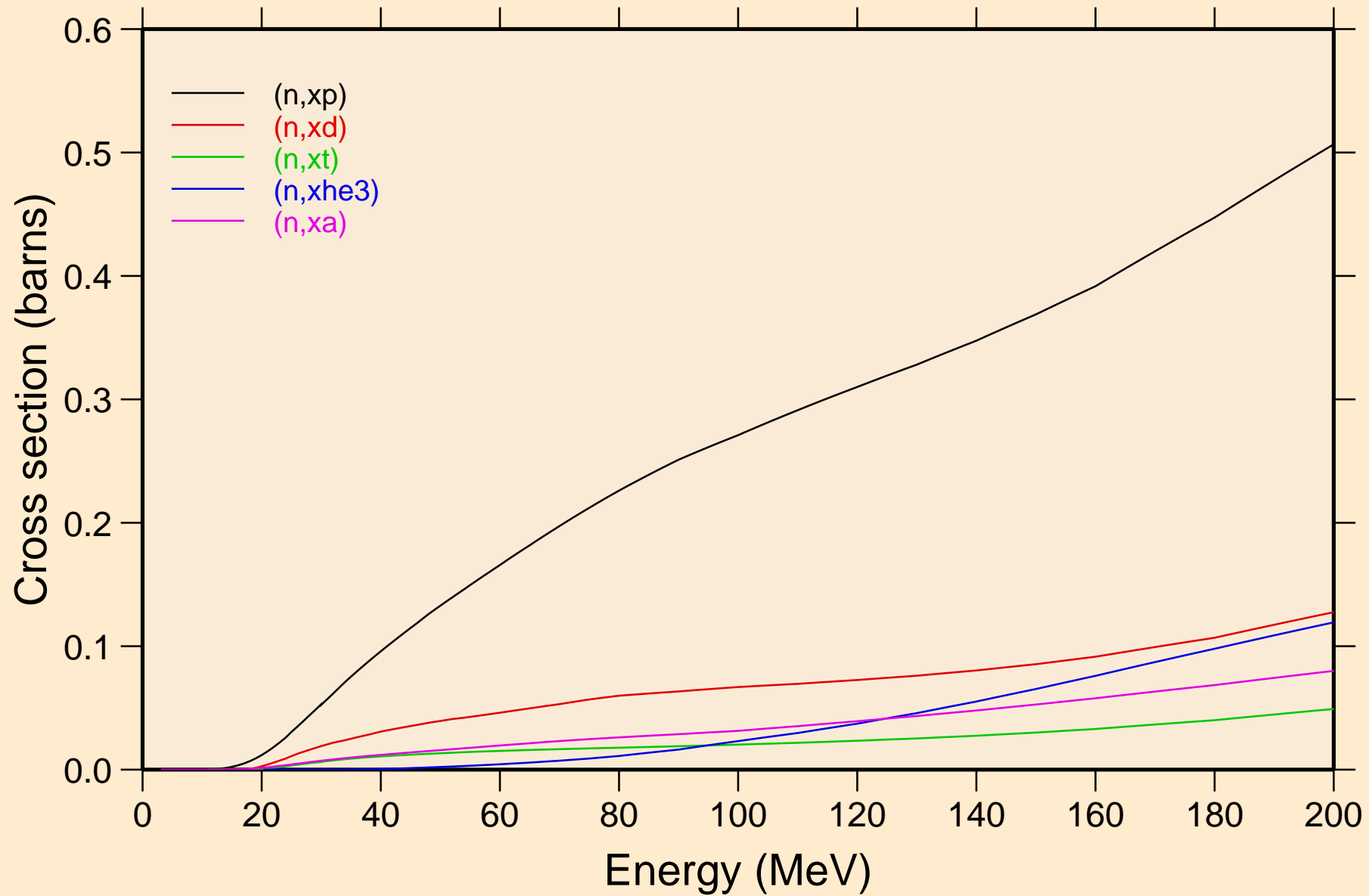
FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



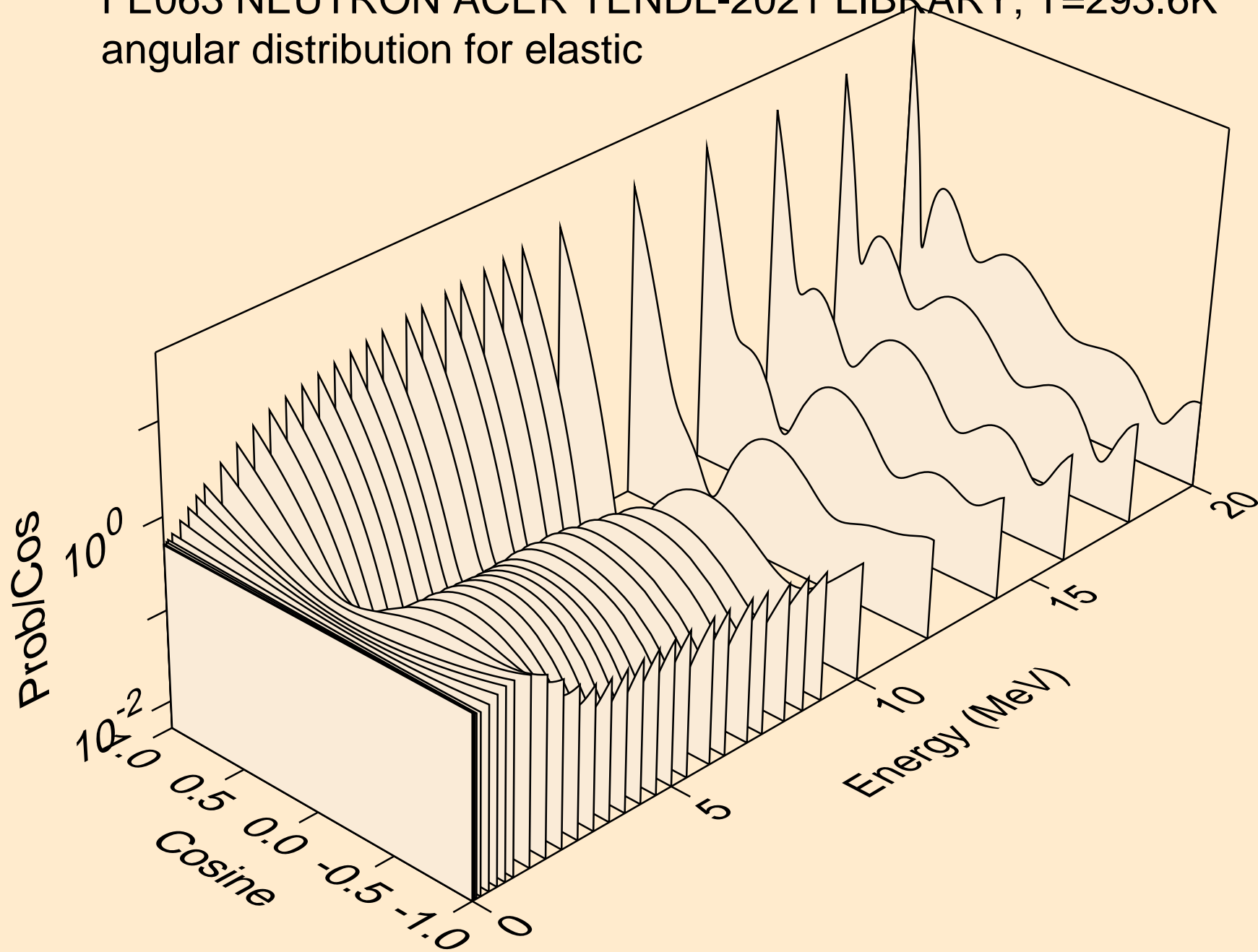
FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



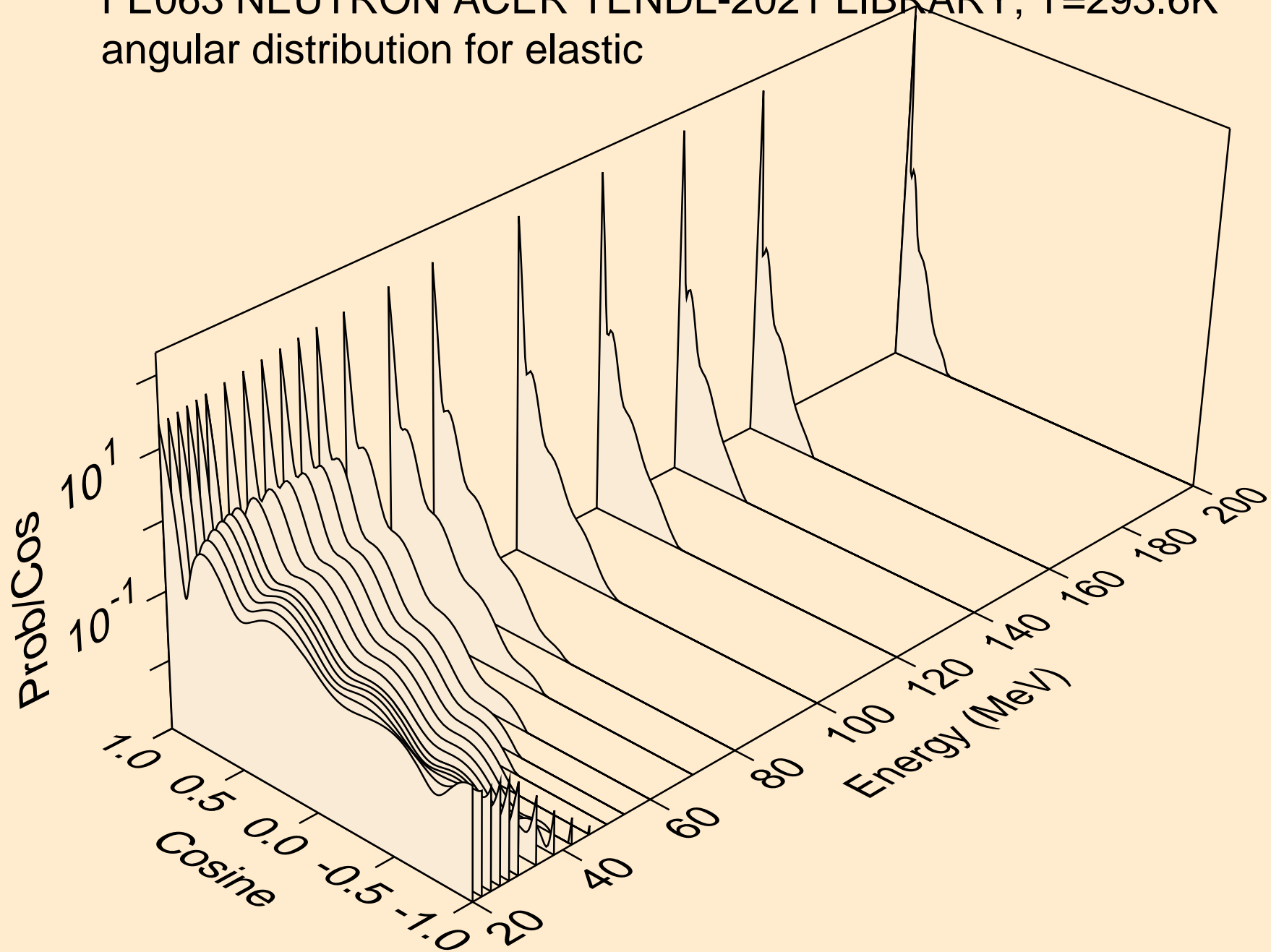
FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



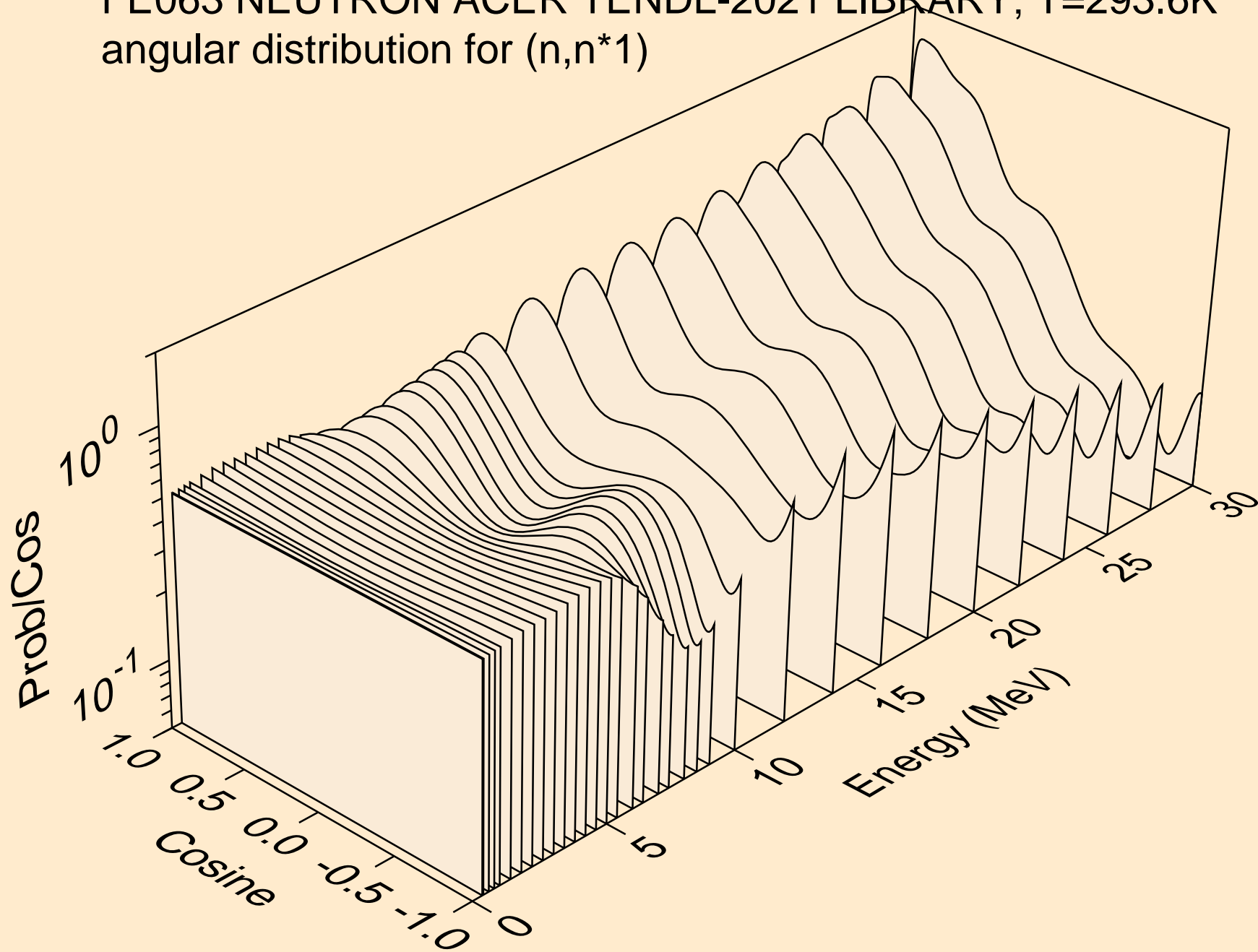
FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



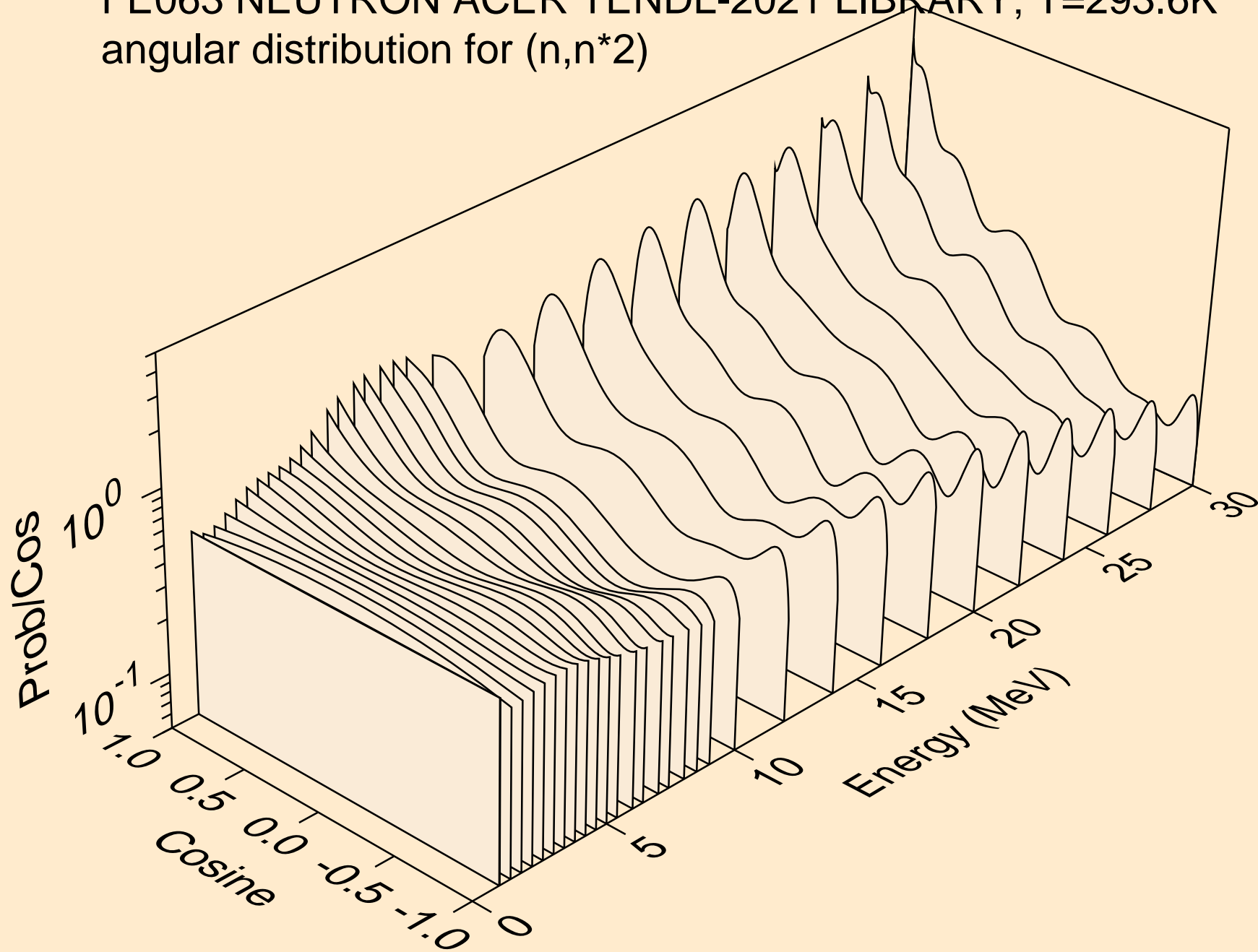
FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)

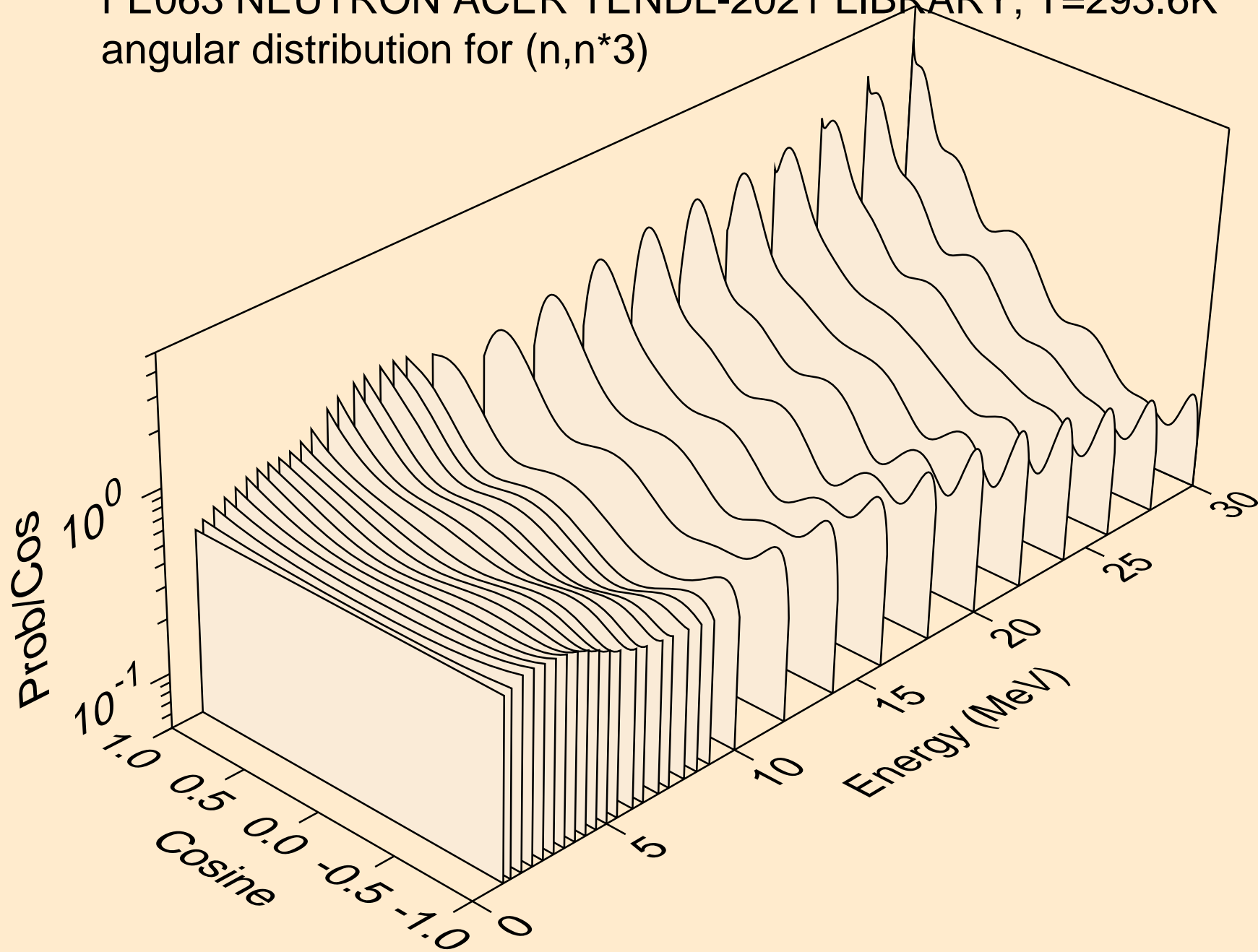


FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)

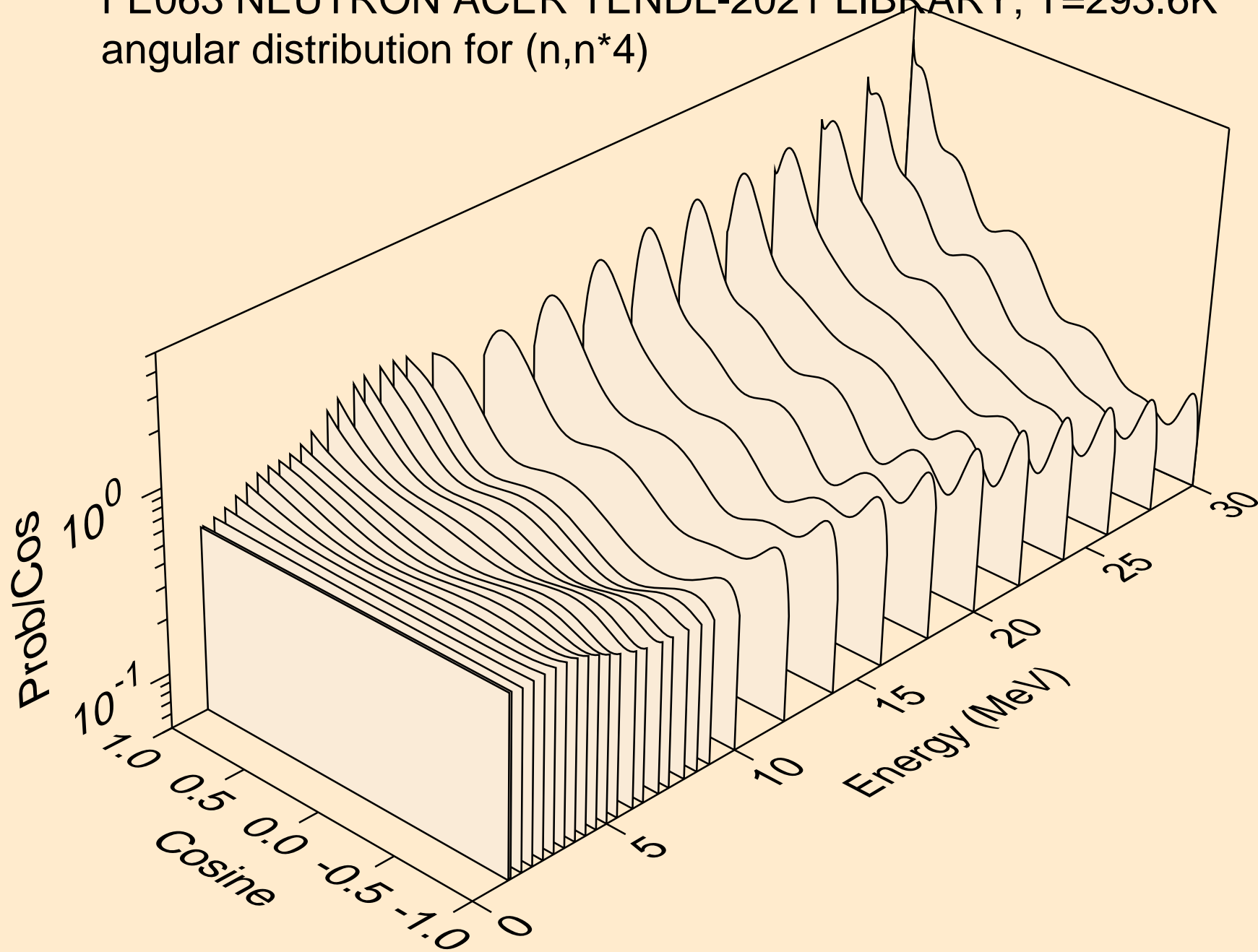




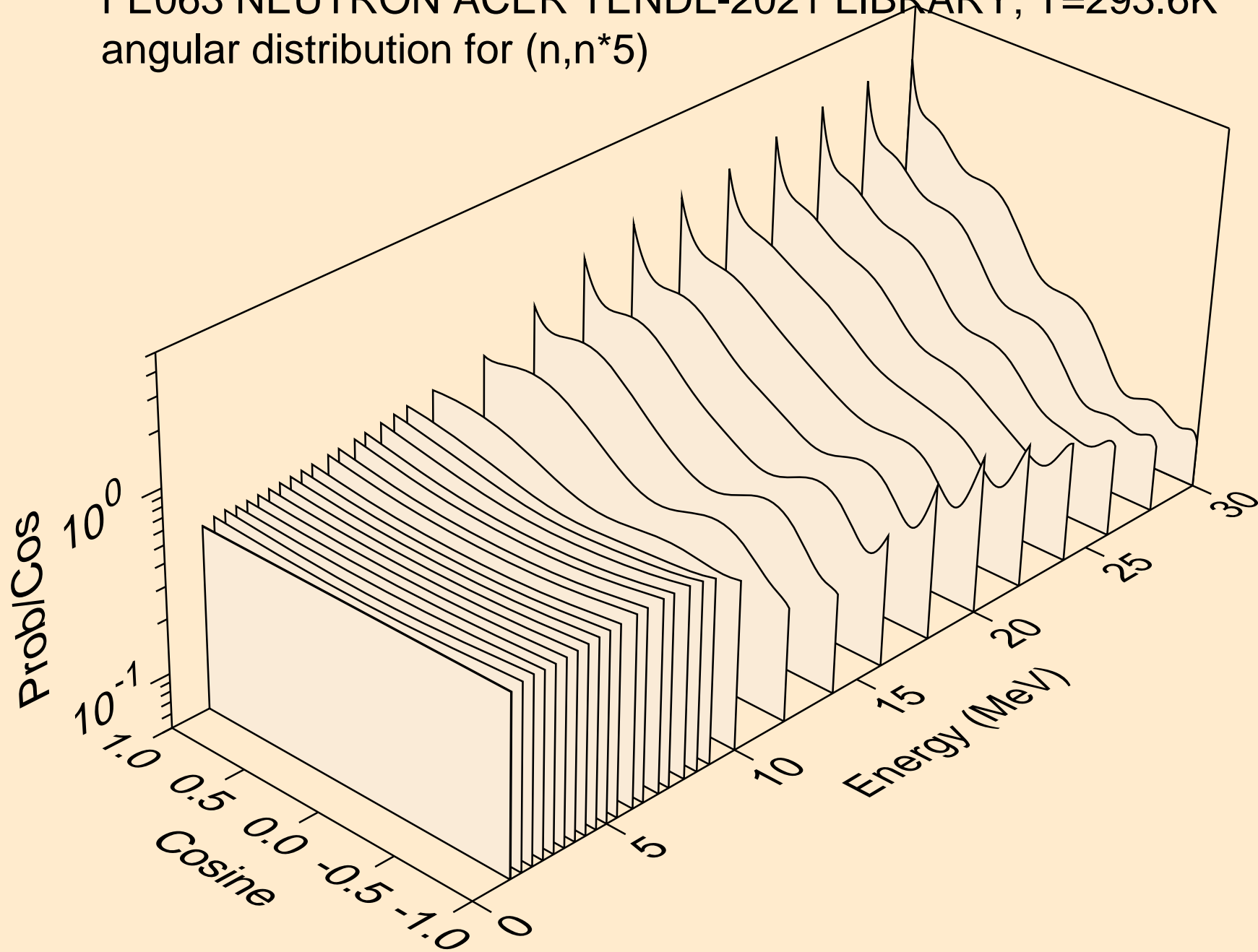
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angular distribution for (n,n\*3)



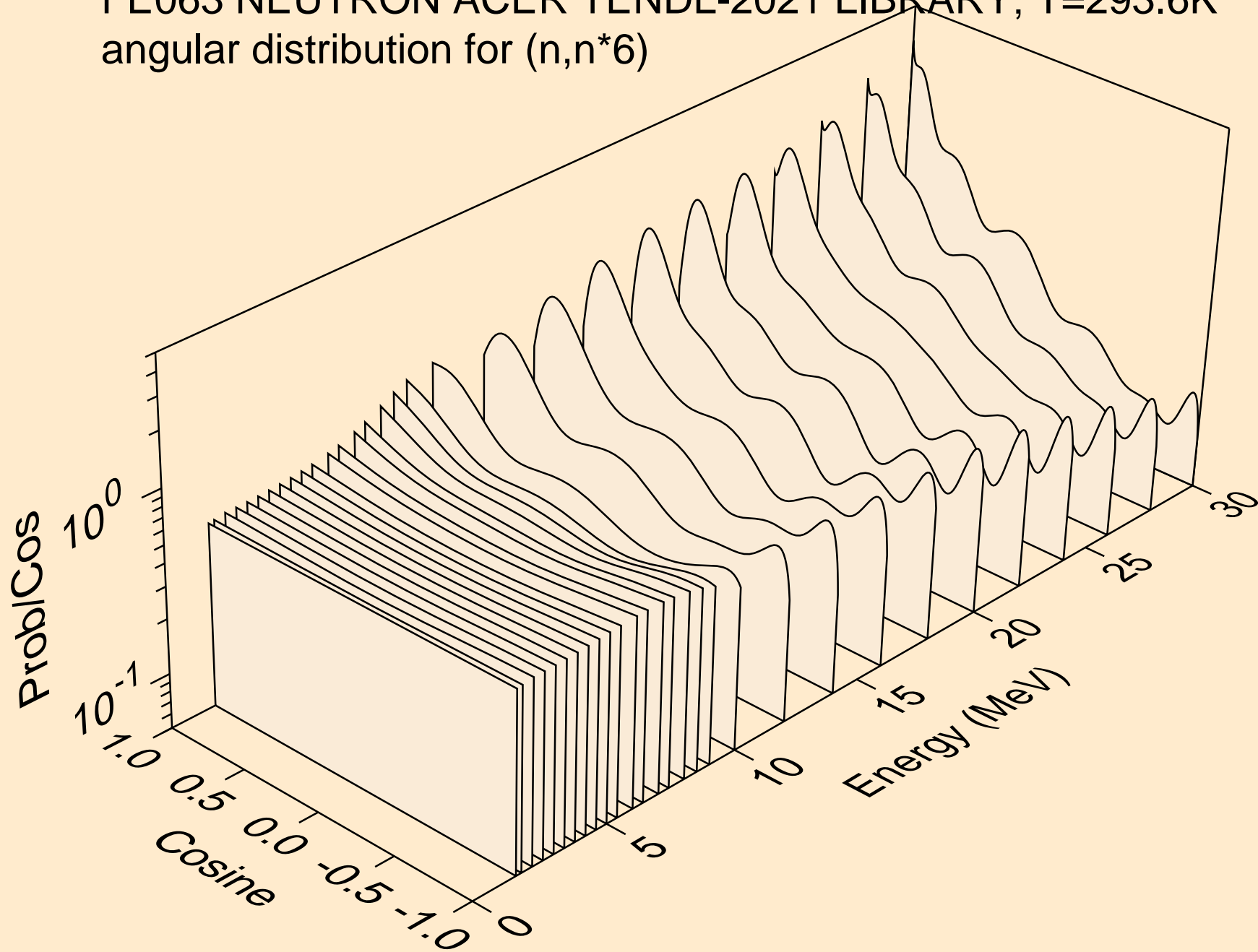
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angular distribution for (n,n\*4)



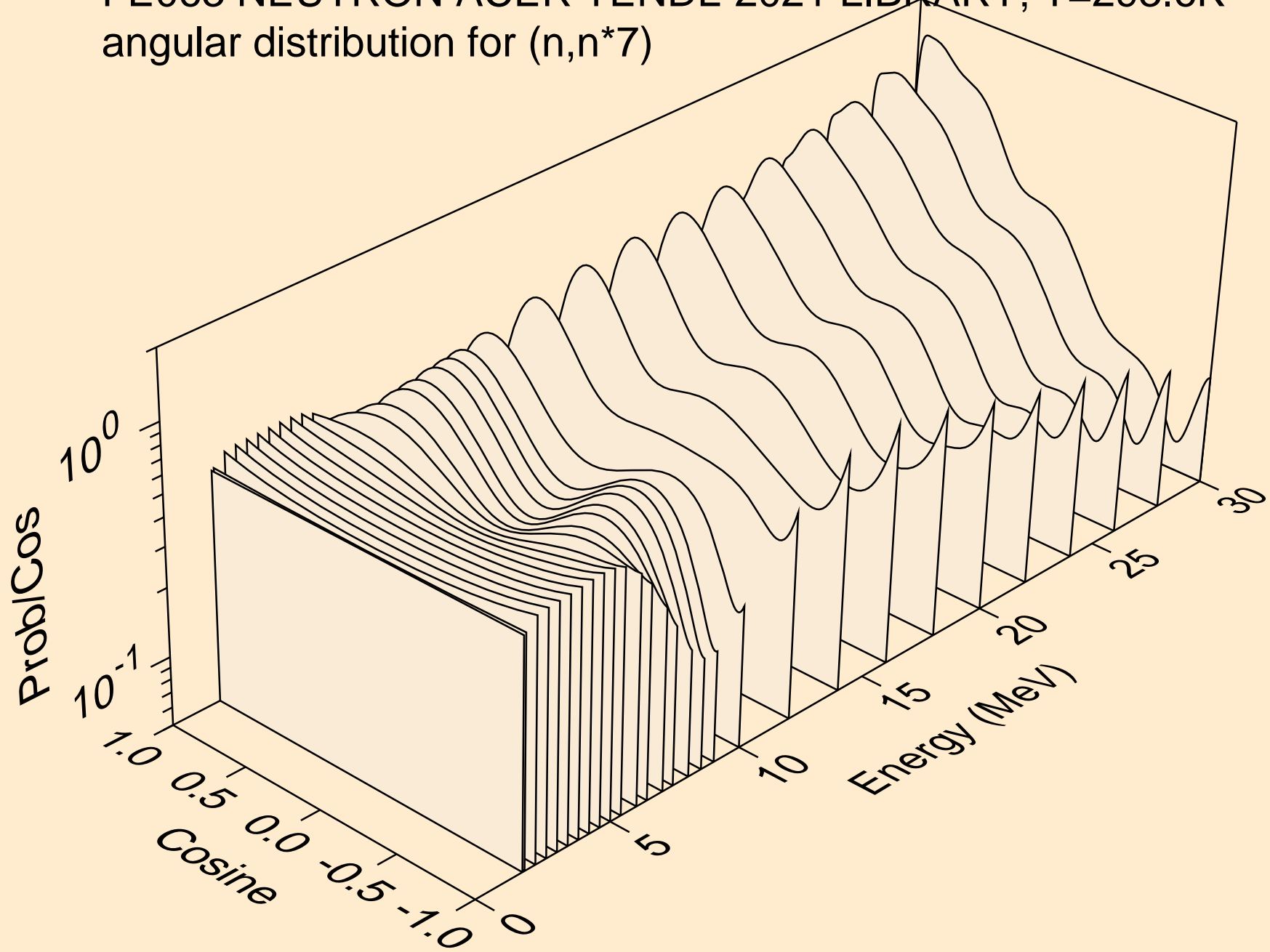
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angular distribution for (n,n\*5)



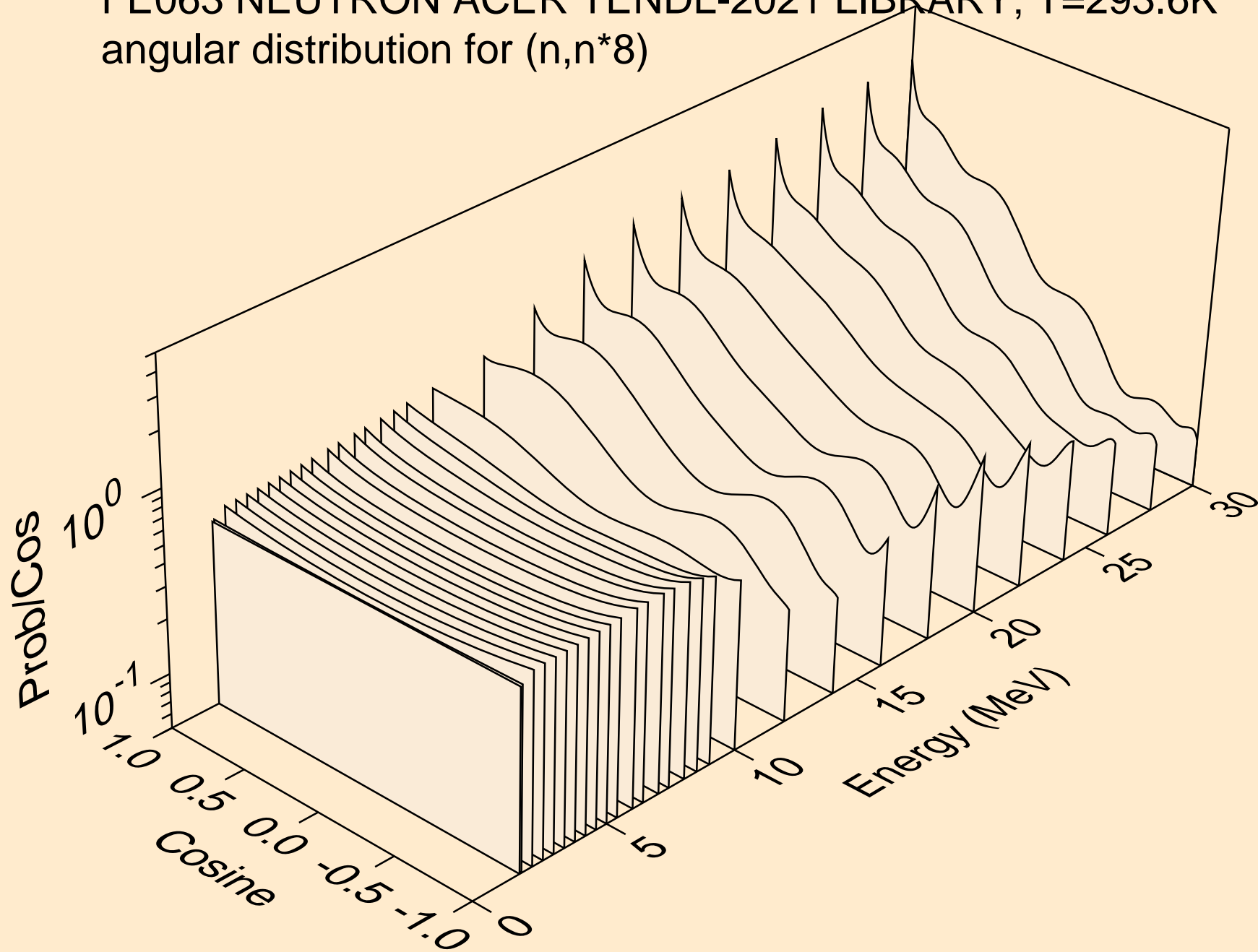
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angular distribution for (n,n\*6)



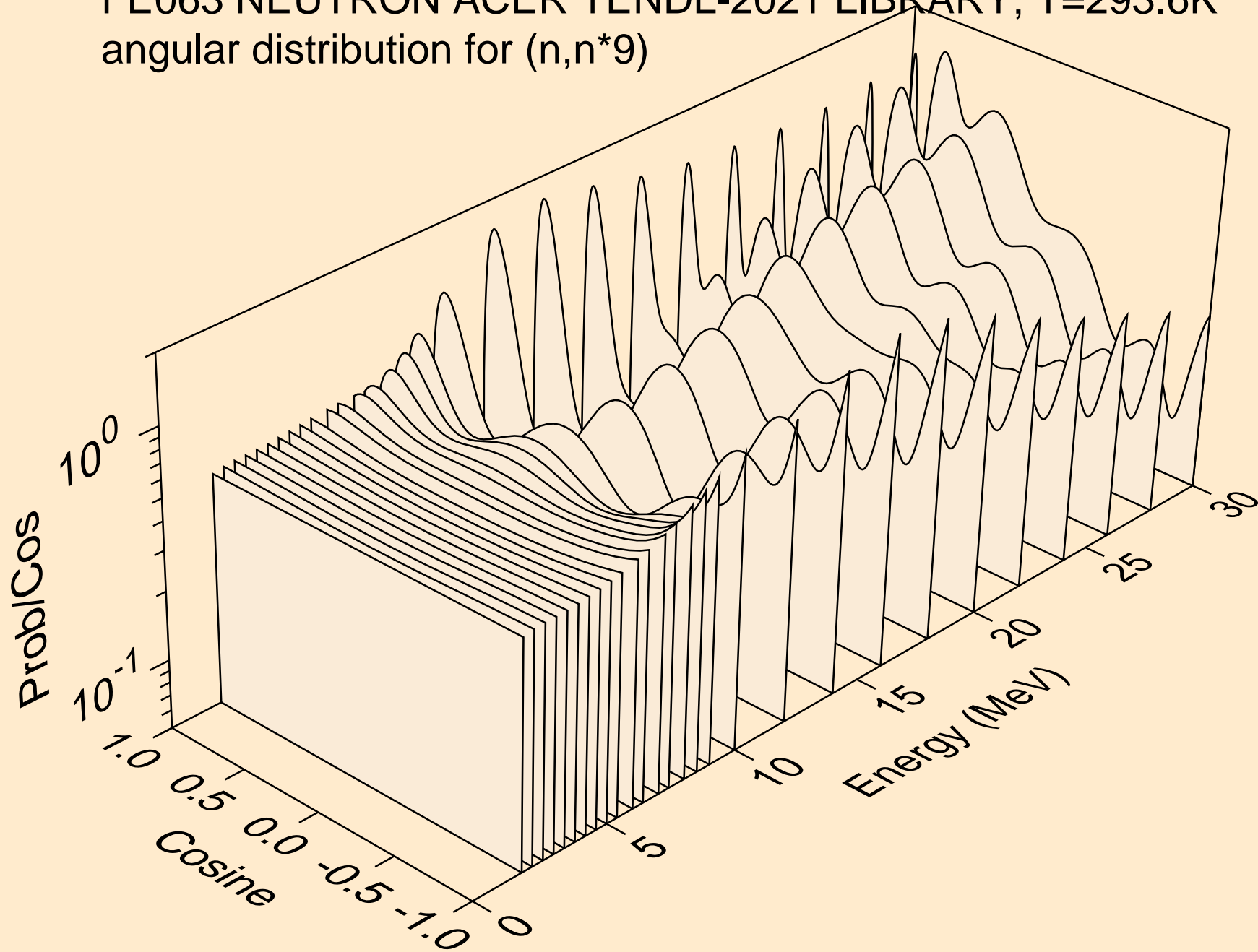
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angular distribution for (n,n\*7)



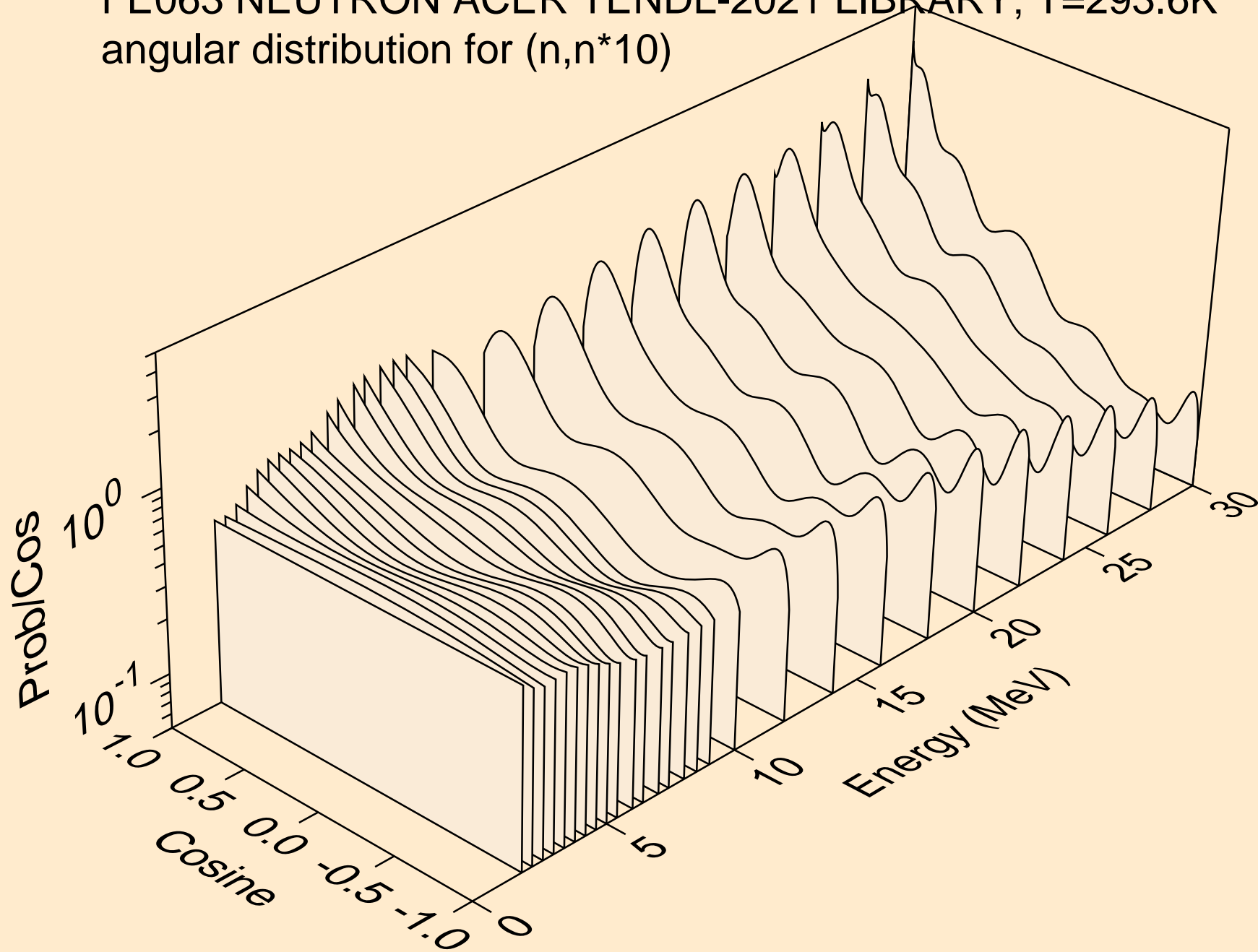
FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*8)



FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*9)

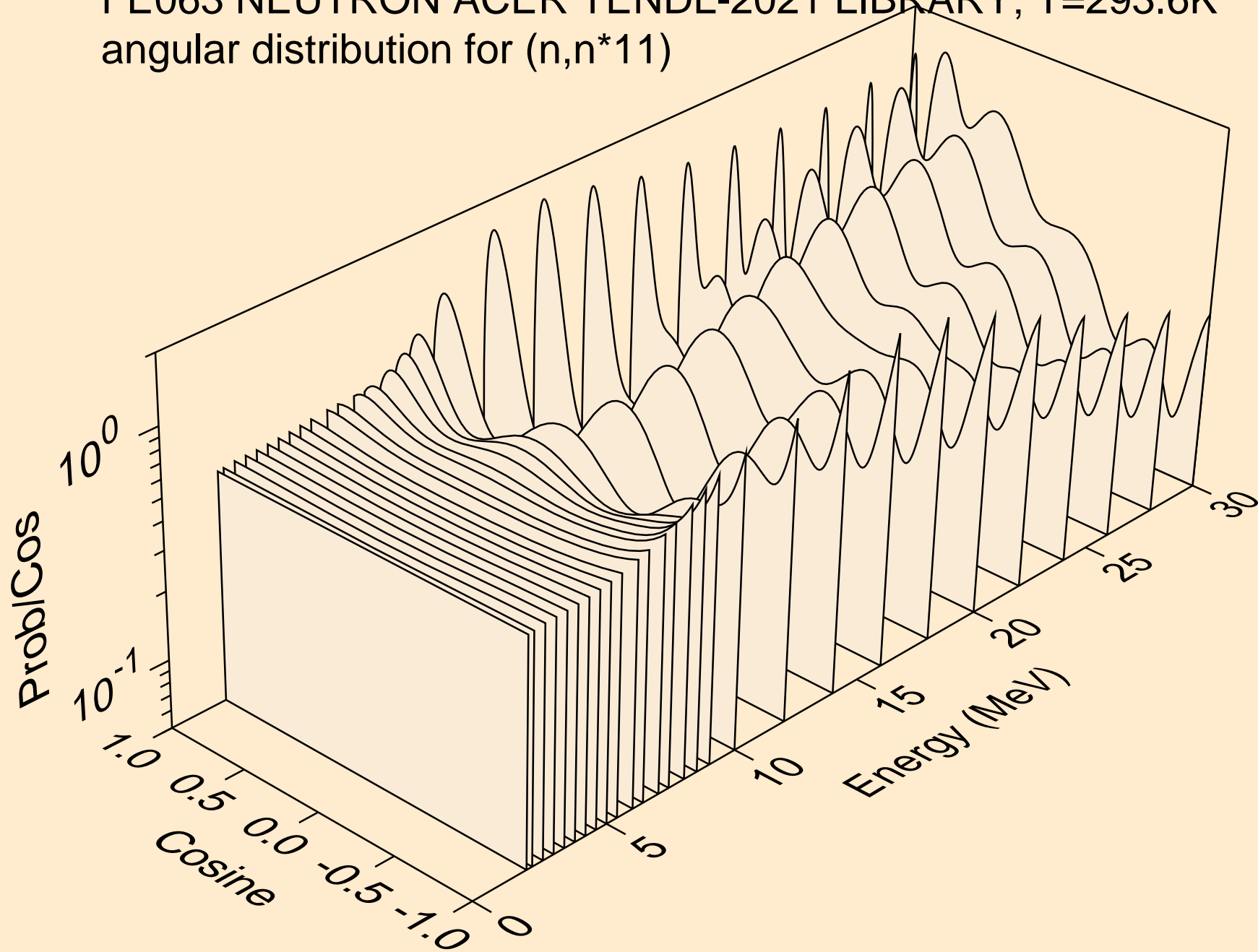


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angular distribution for (n,n\*10)

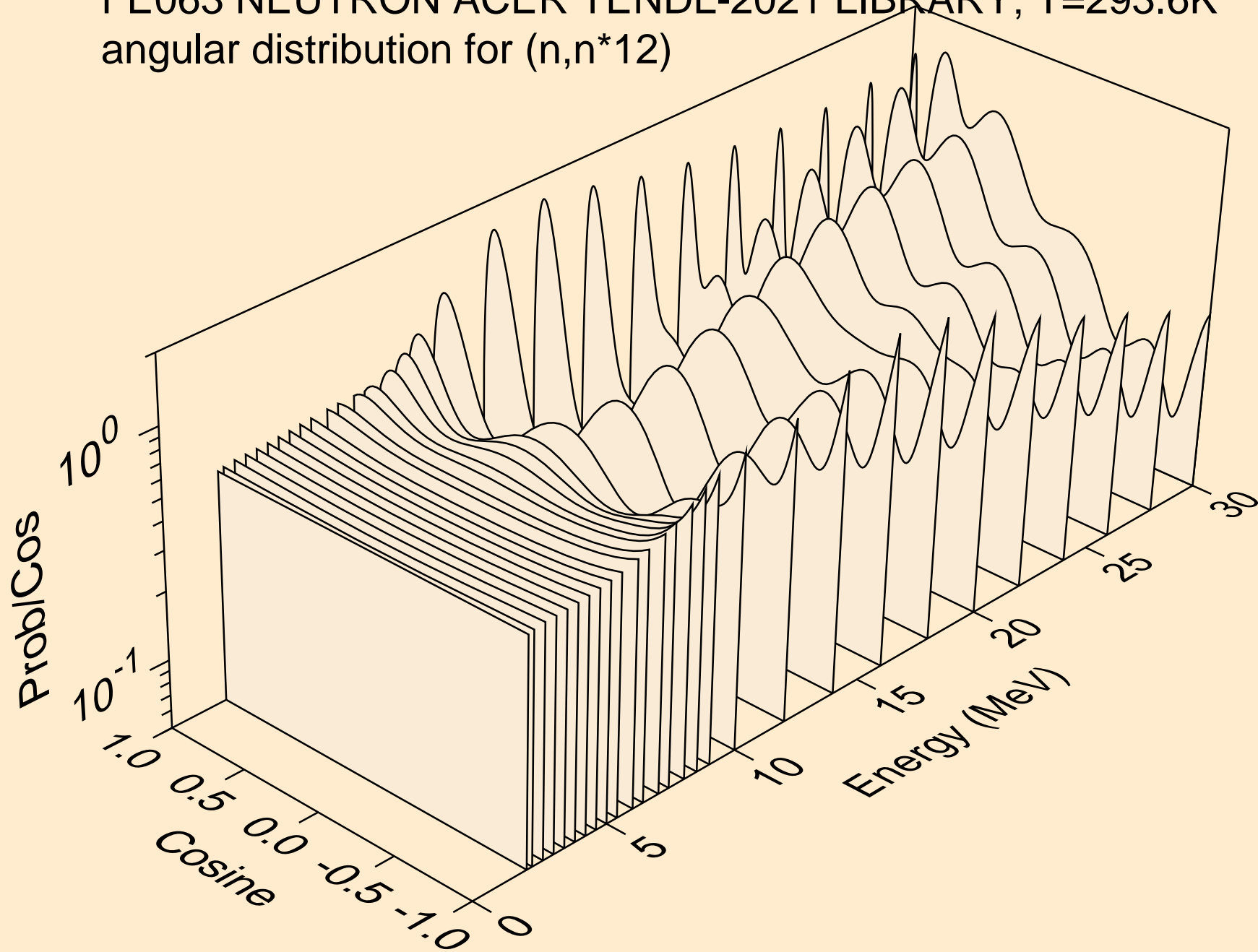




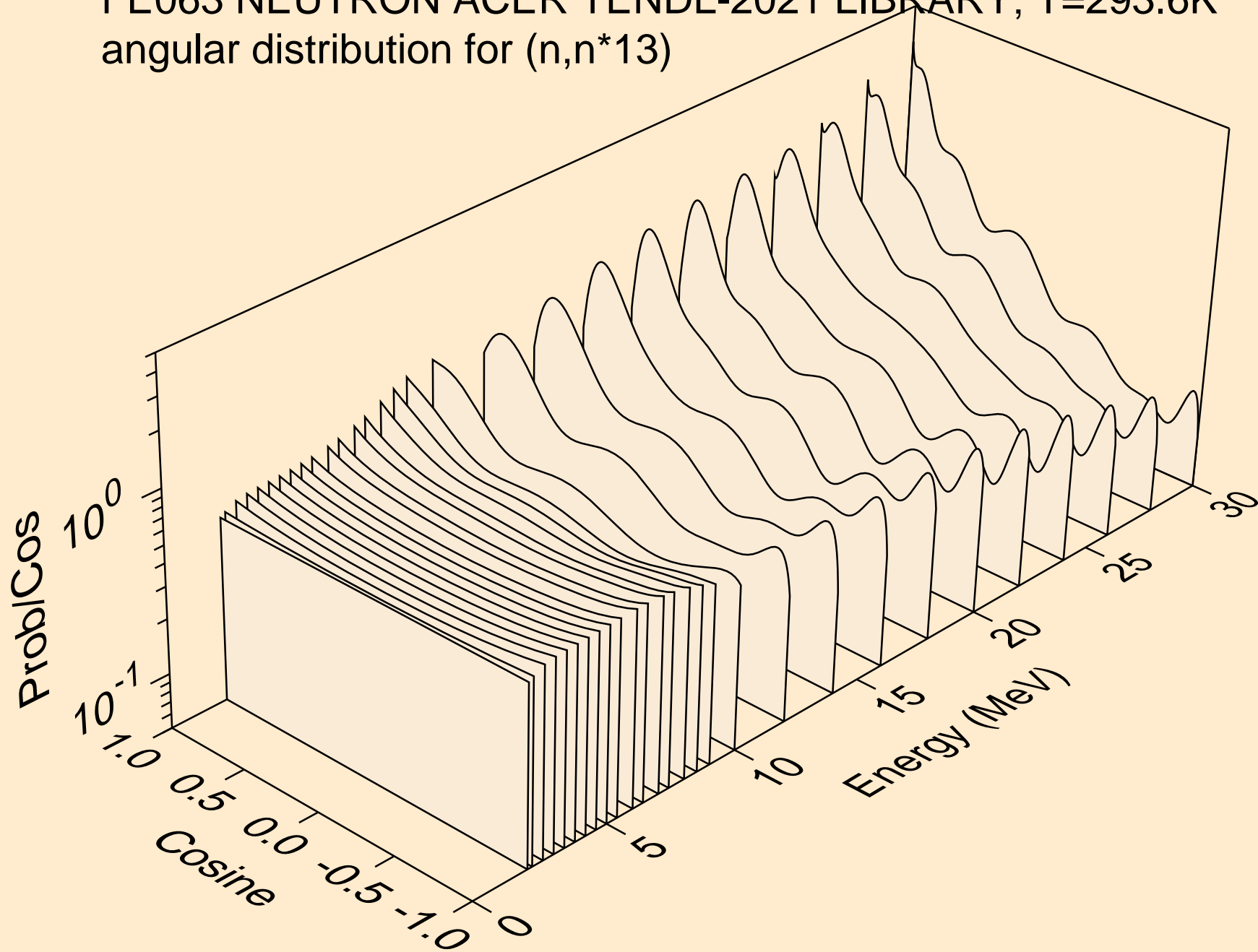
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angular distribution for (n,n\*11)



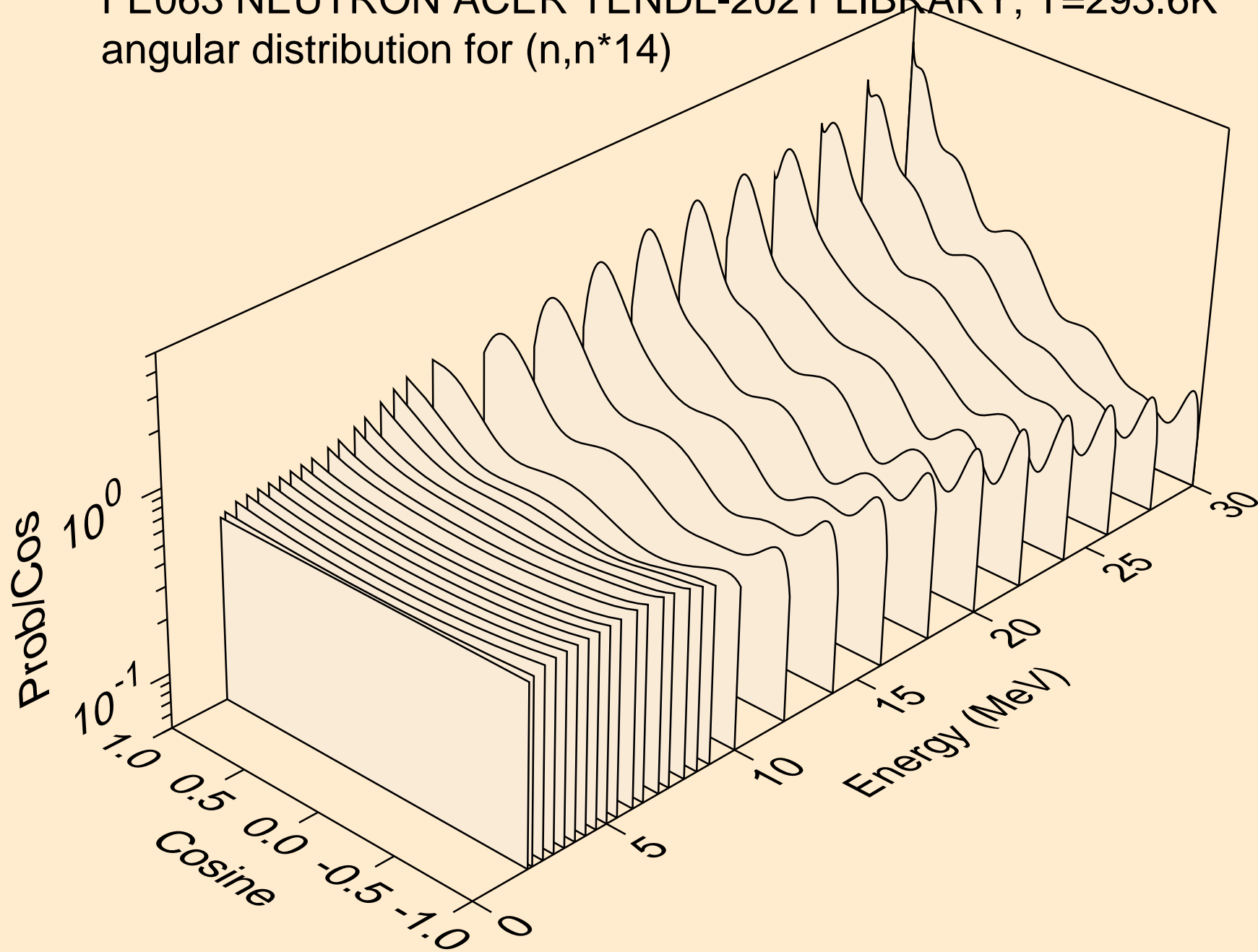
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angular distribution for (n,n\*12)



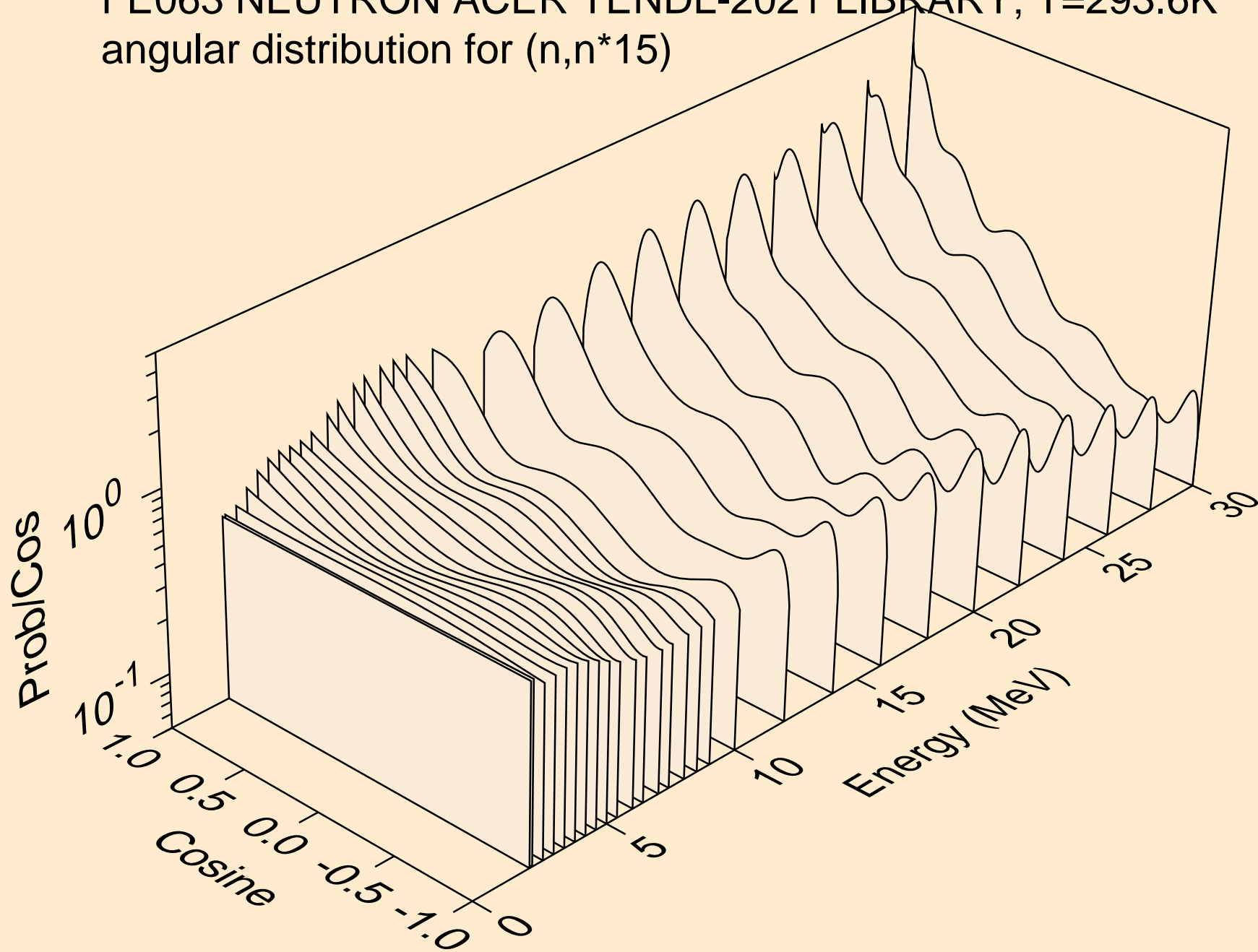
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angular distribution for (n,n\*13)



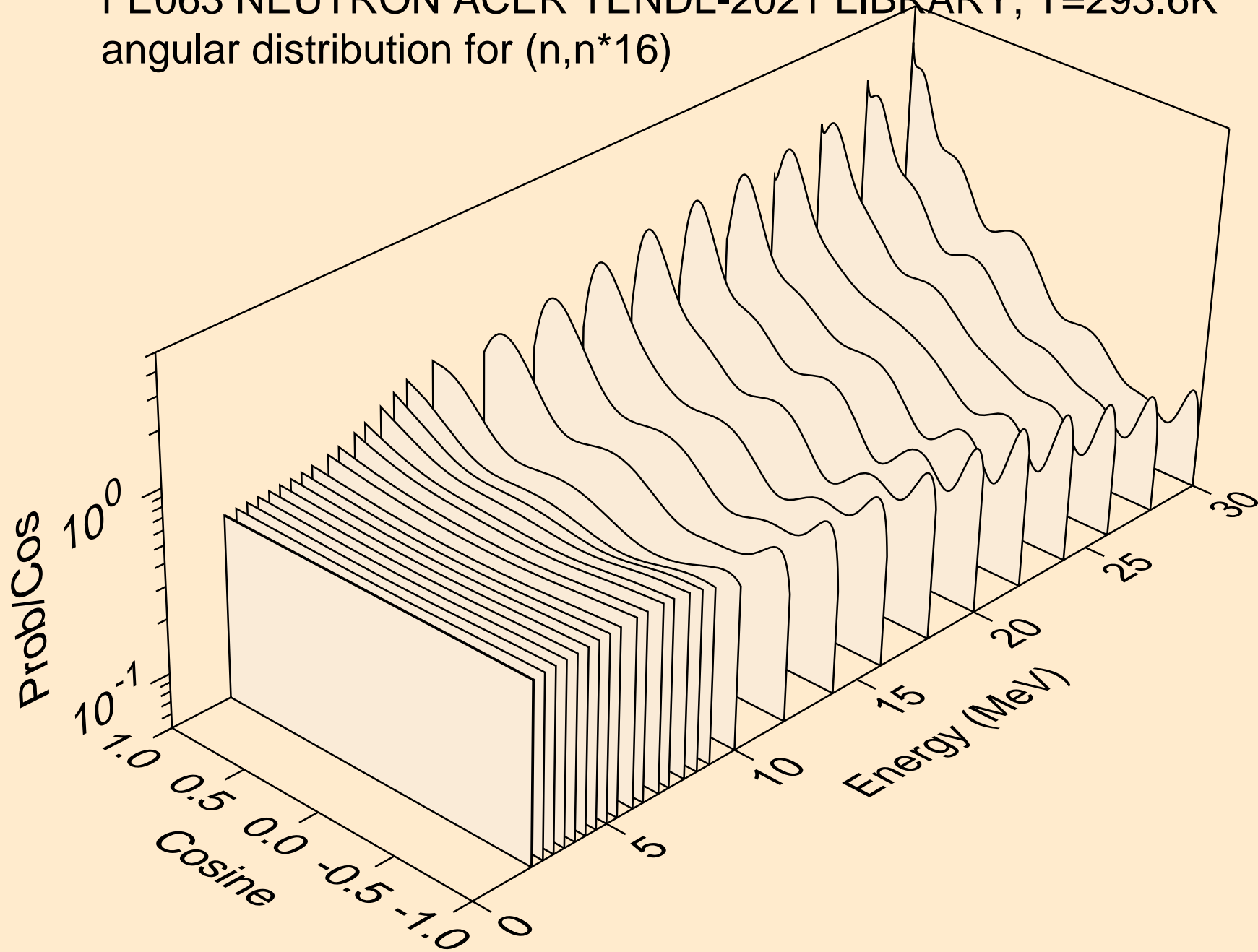
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angular distribution for (n,n\*14)



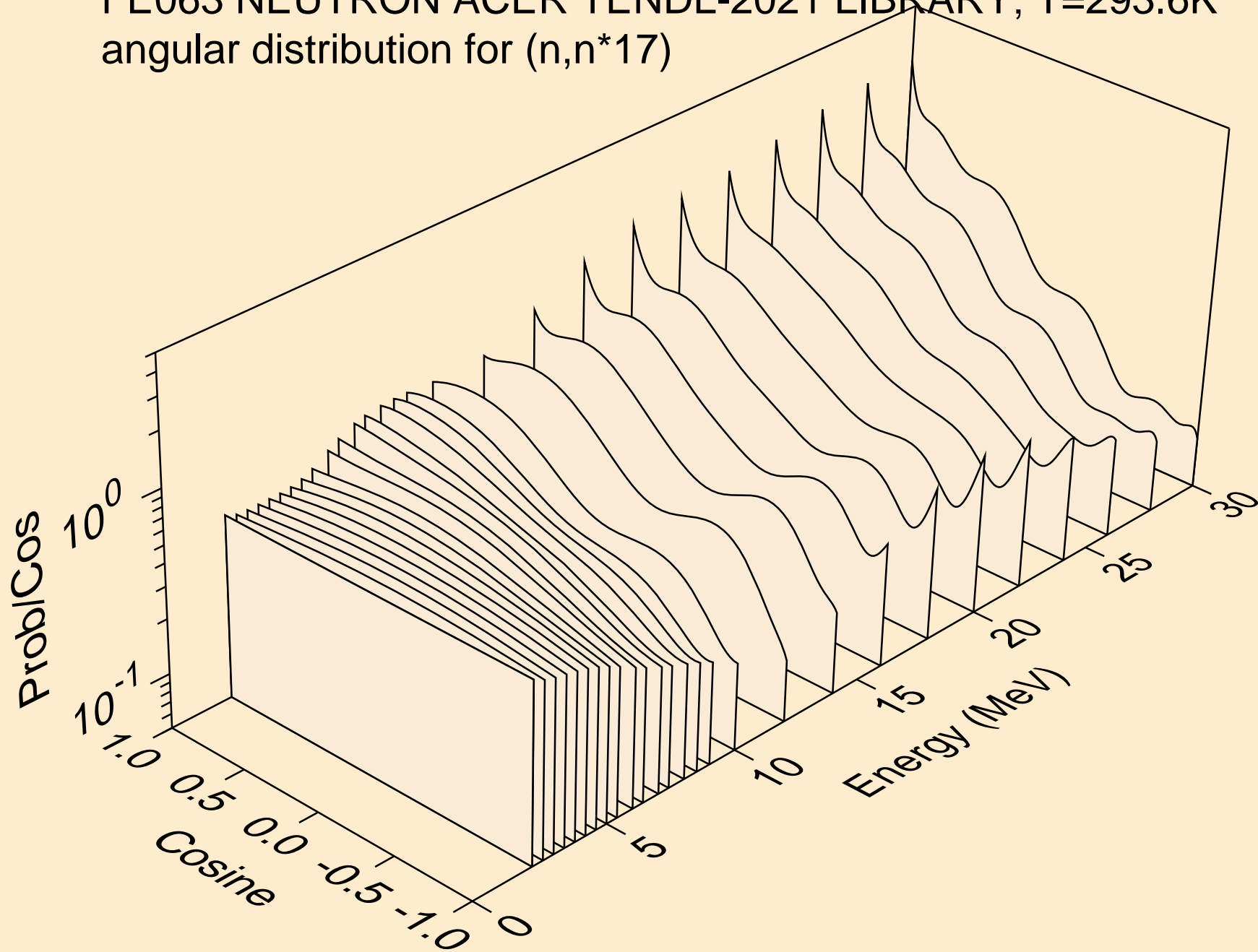
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angular distribution for (n,n\*15)



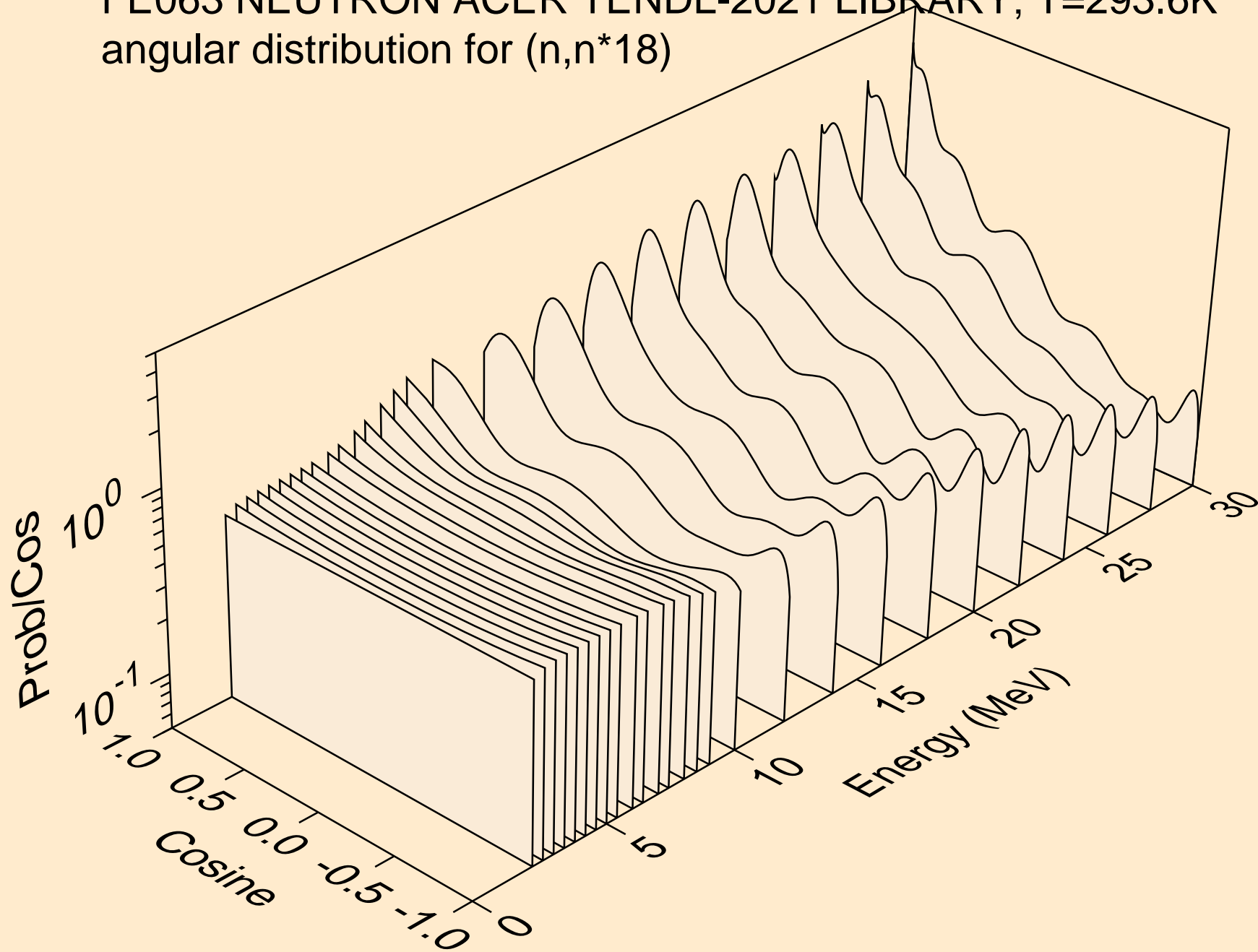
FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*16)



FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*17)

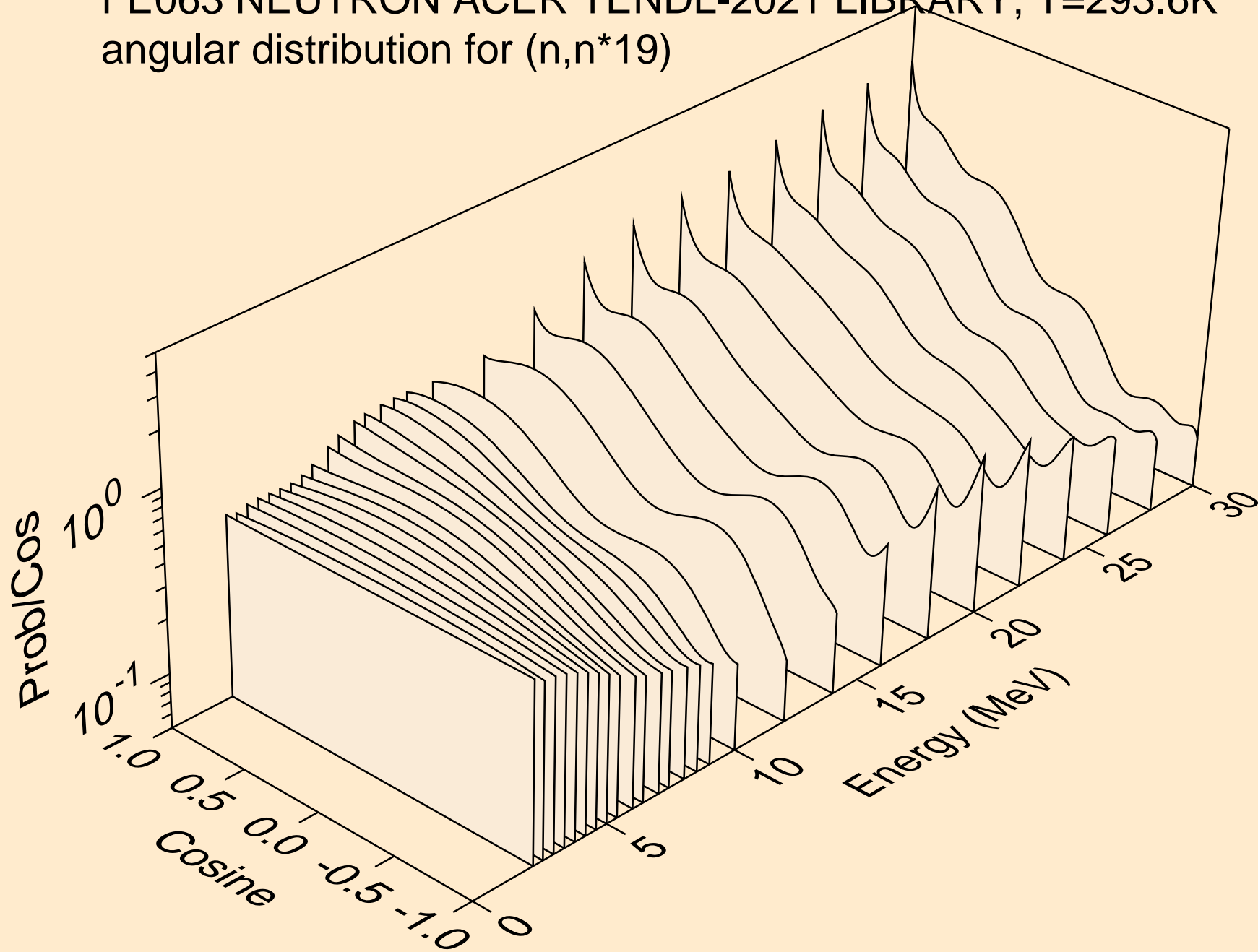


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angular distribution for (n,n\*18)

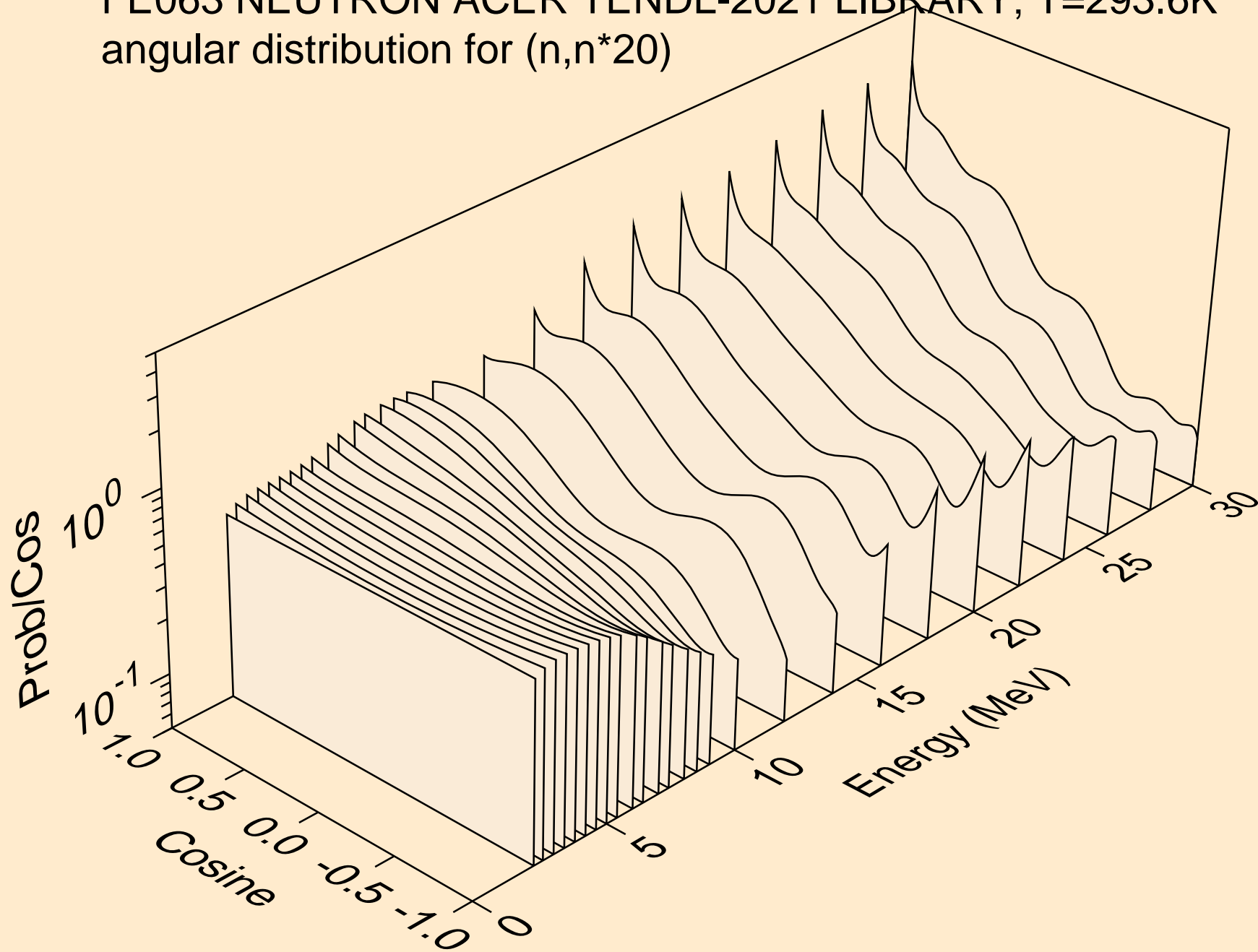




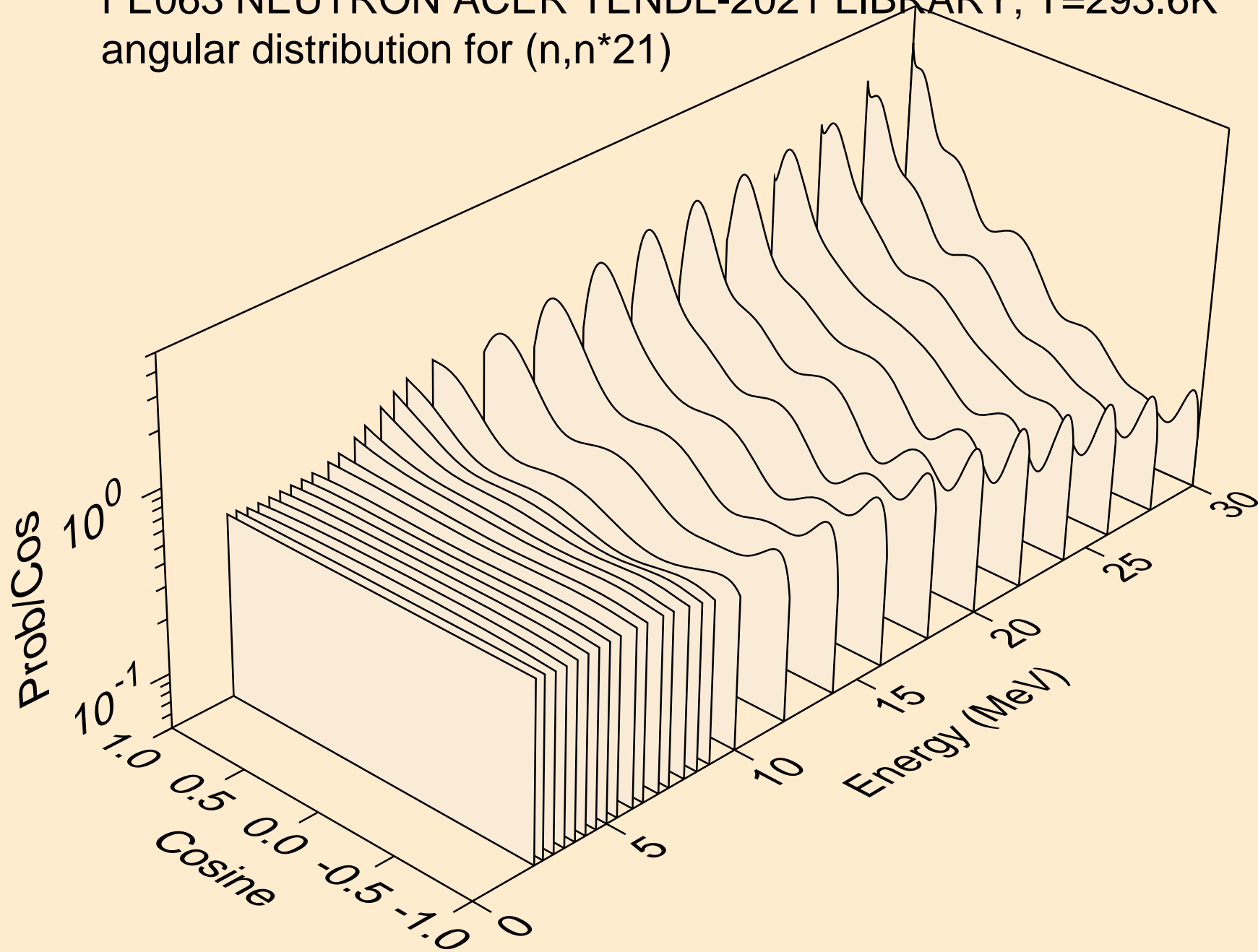
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angular distribution for (n,n\*19)



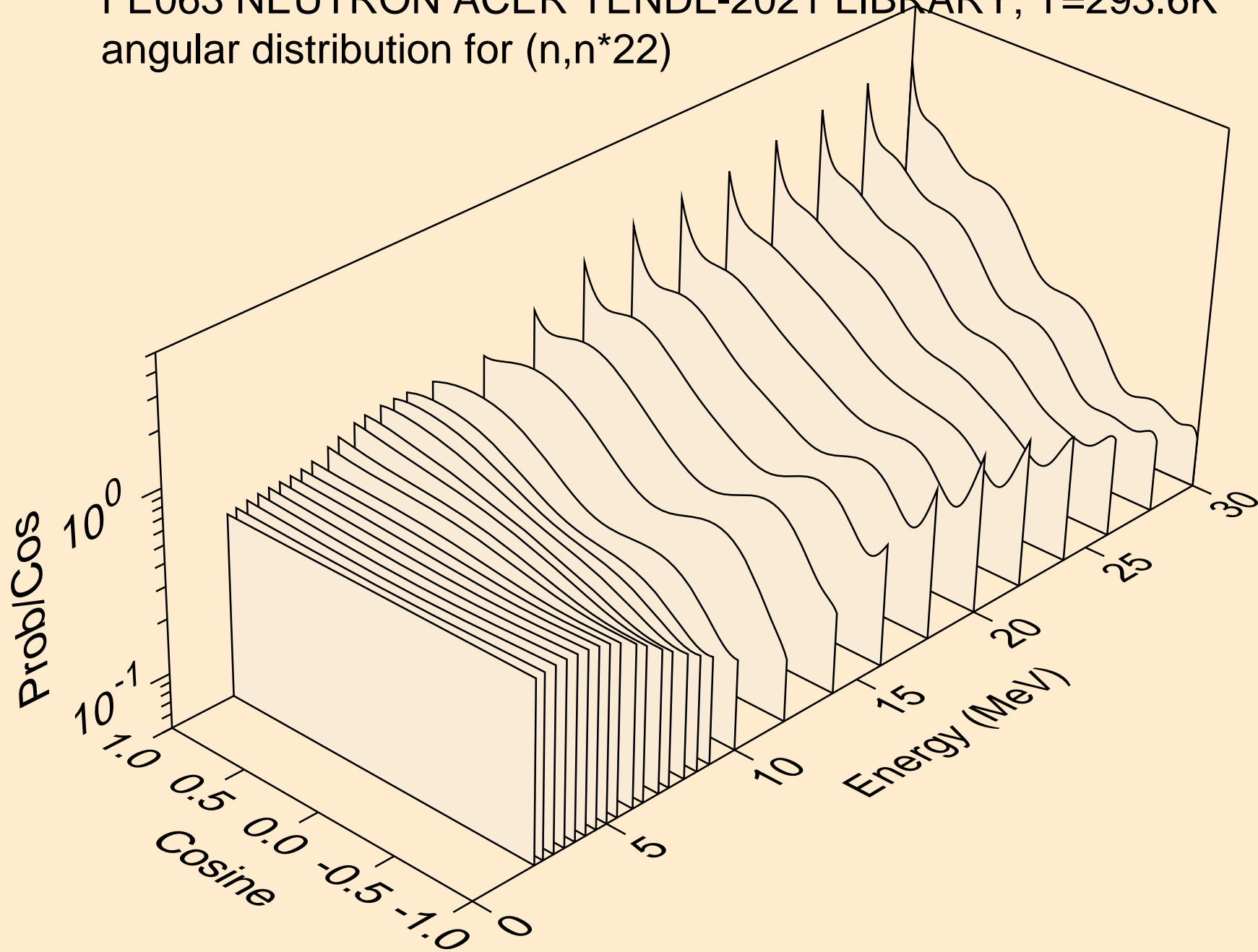
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angular distribution for (n,n\*20)



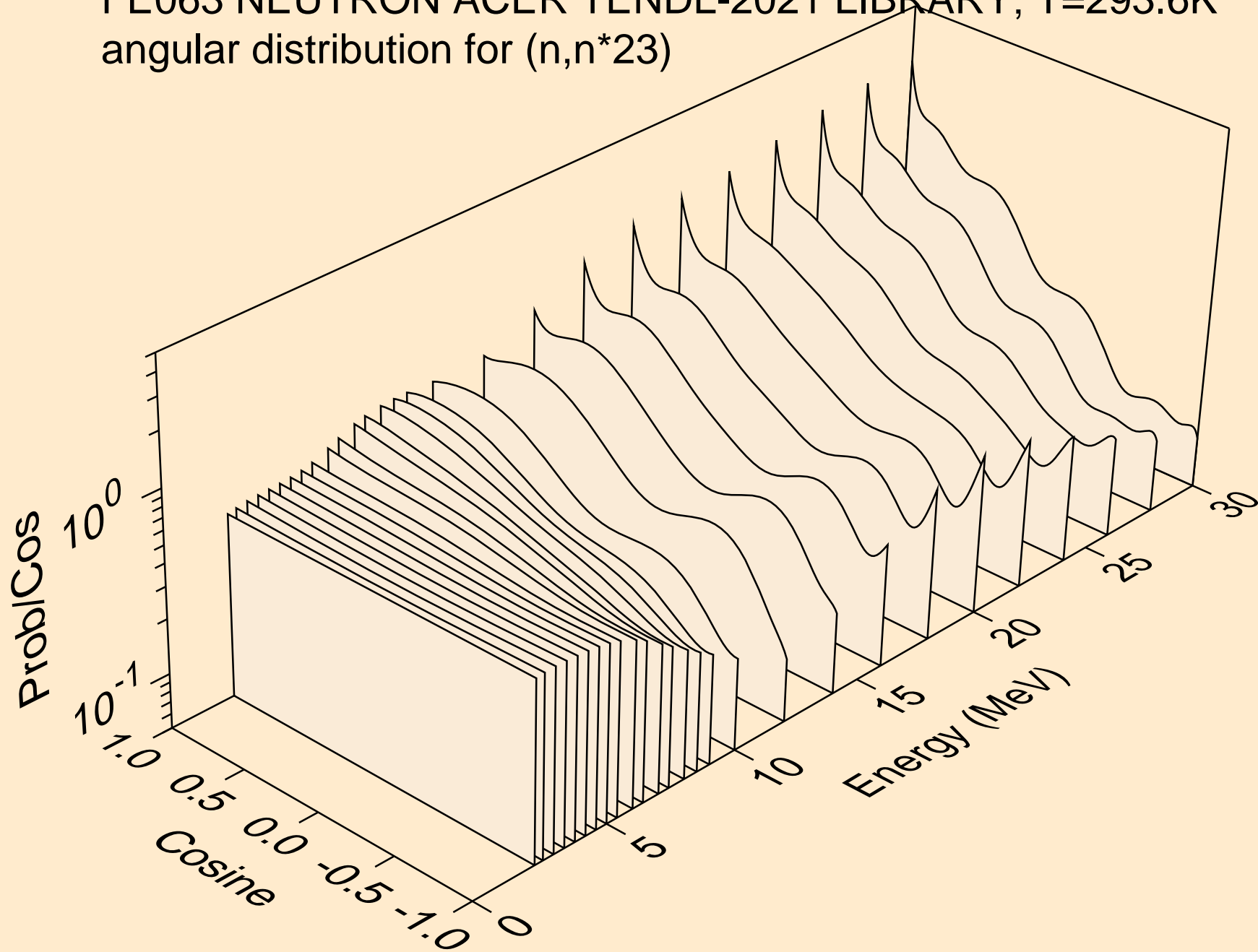
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angular distribution for (n,n\*21)



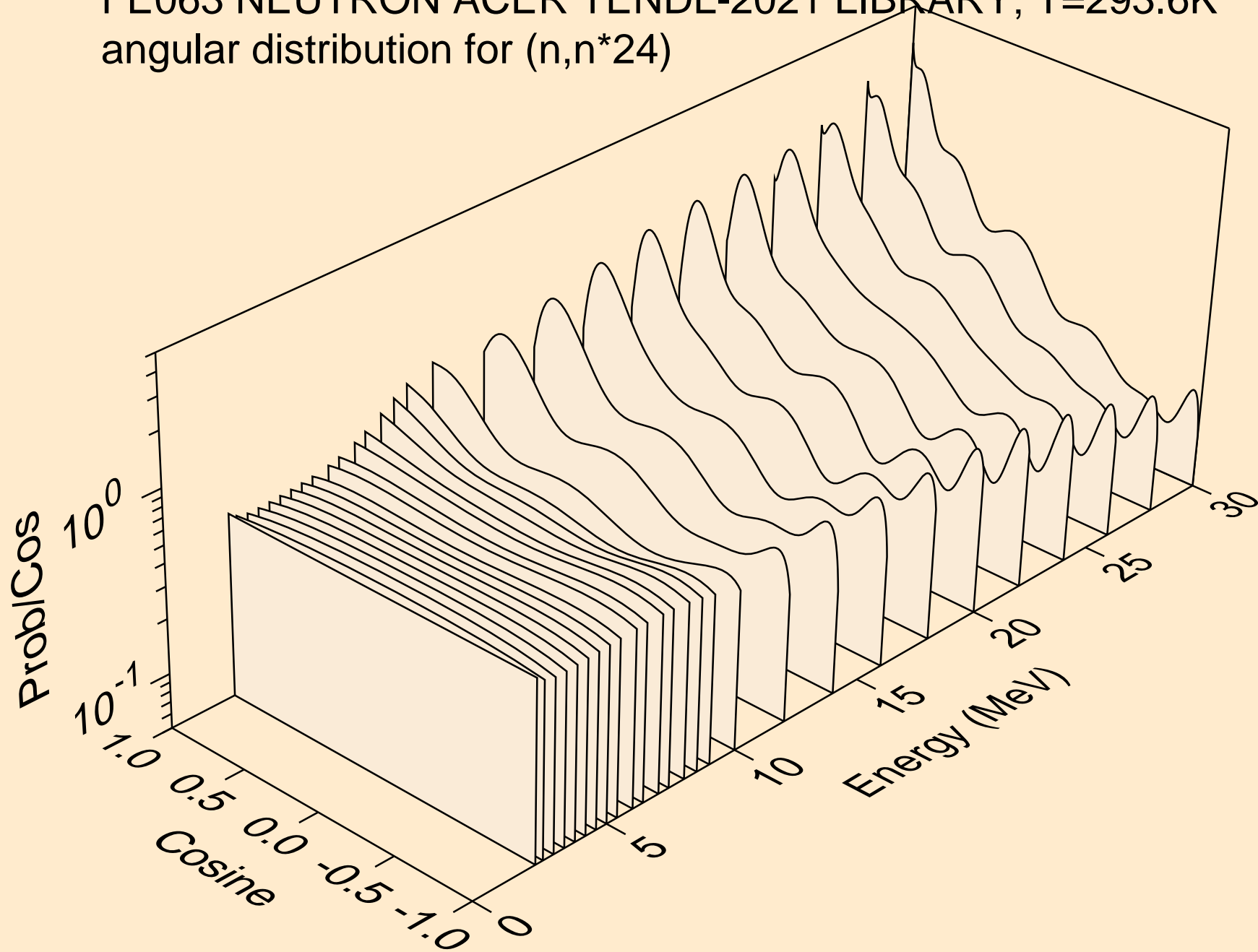
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angular distribution for (n,n\*22)



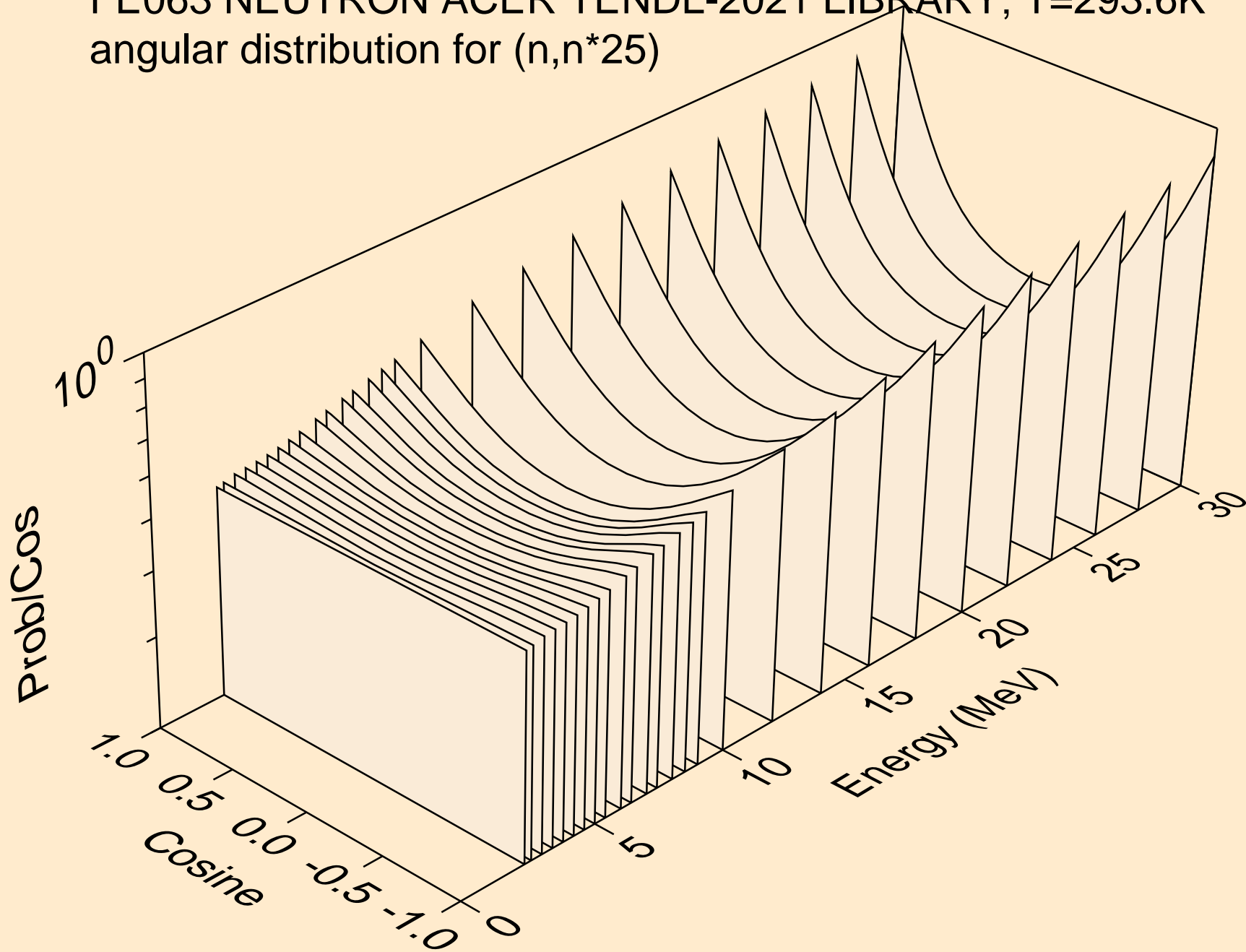
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angular distribution for (n,n\*23)



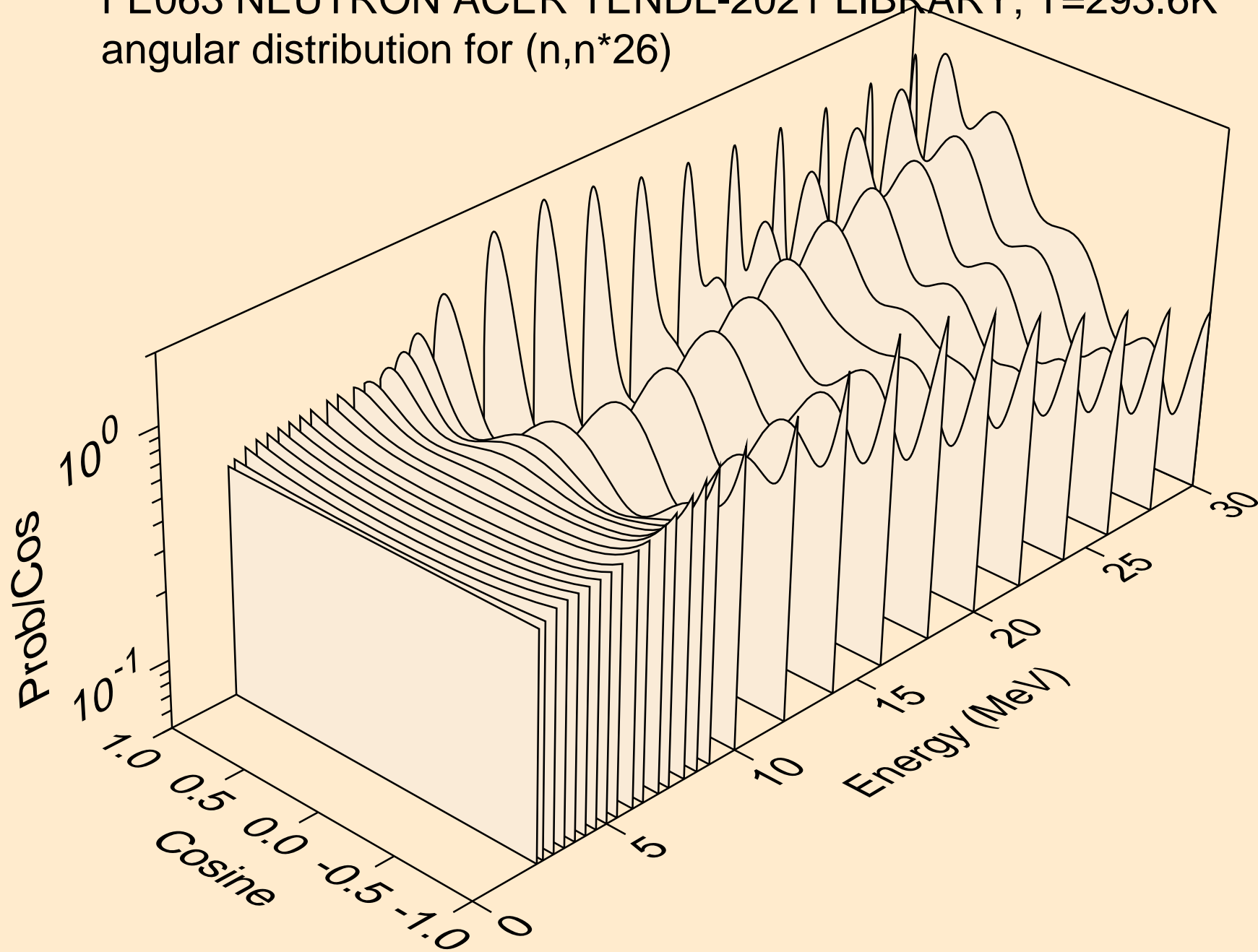
FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*24)



FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*25)

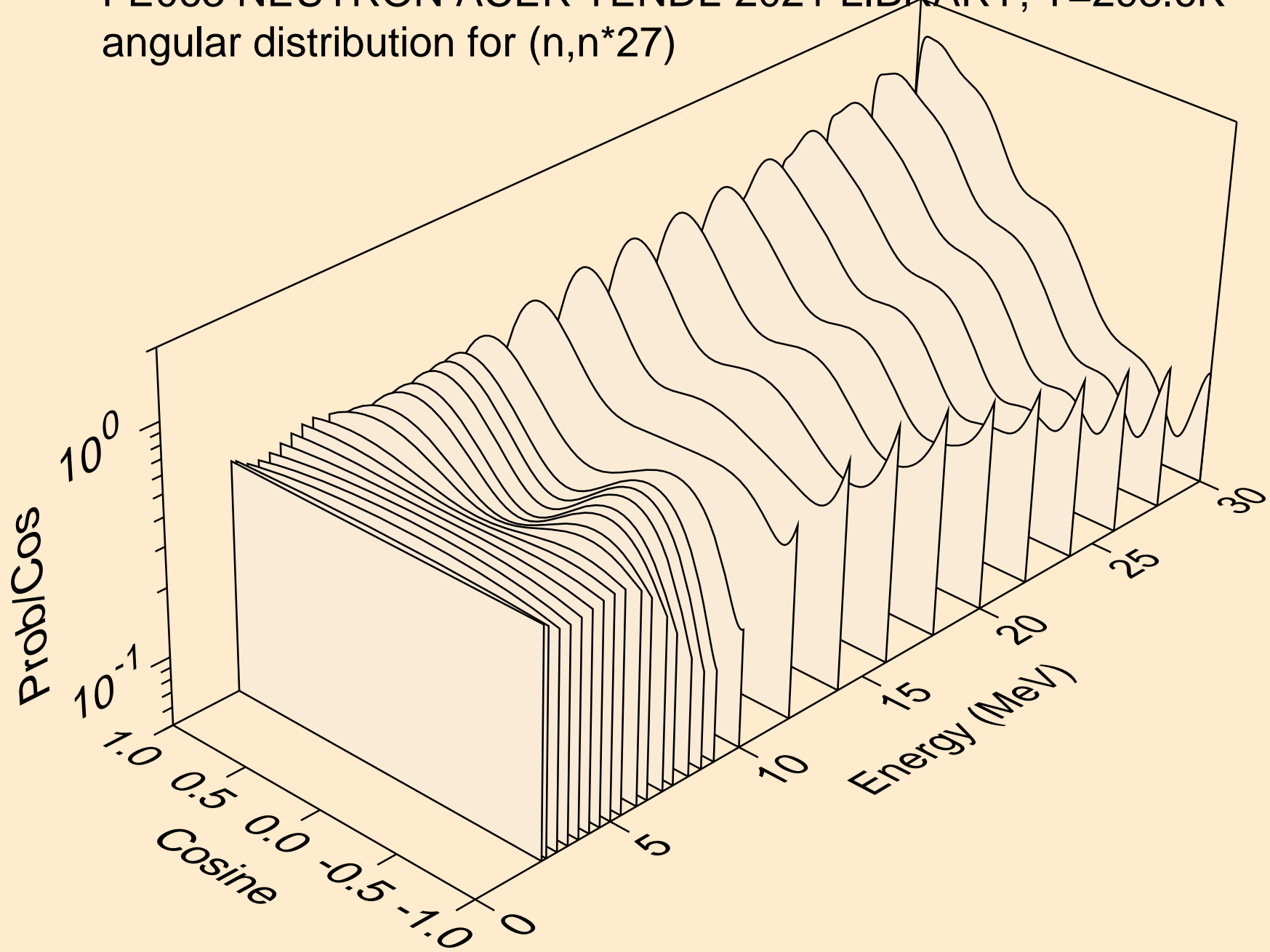


FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*26)

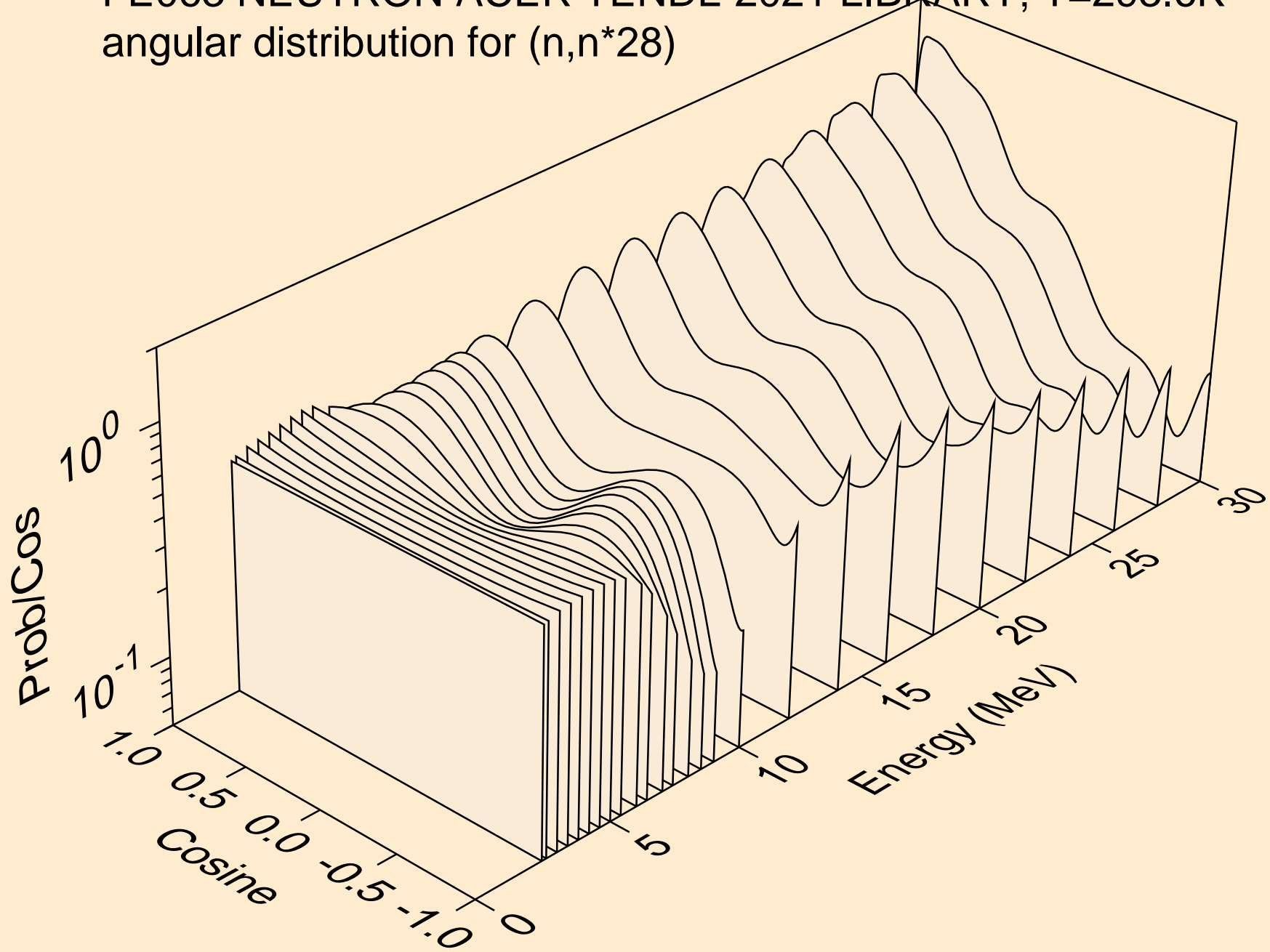




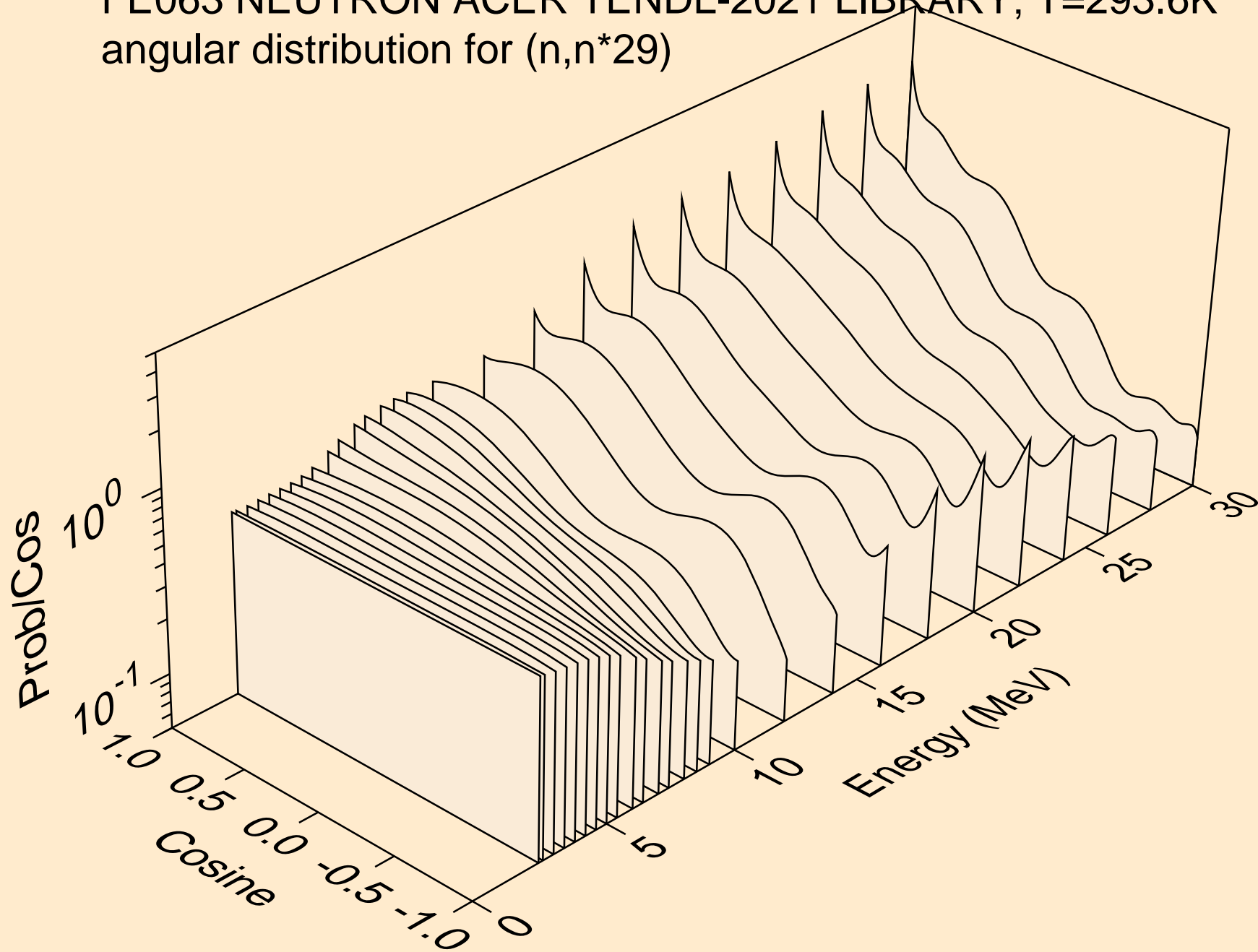
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angular distribution for (n,n\*27)



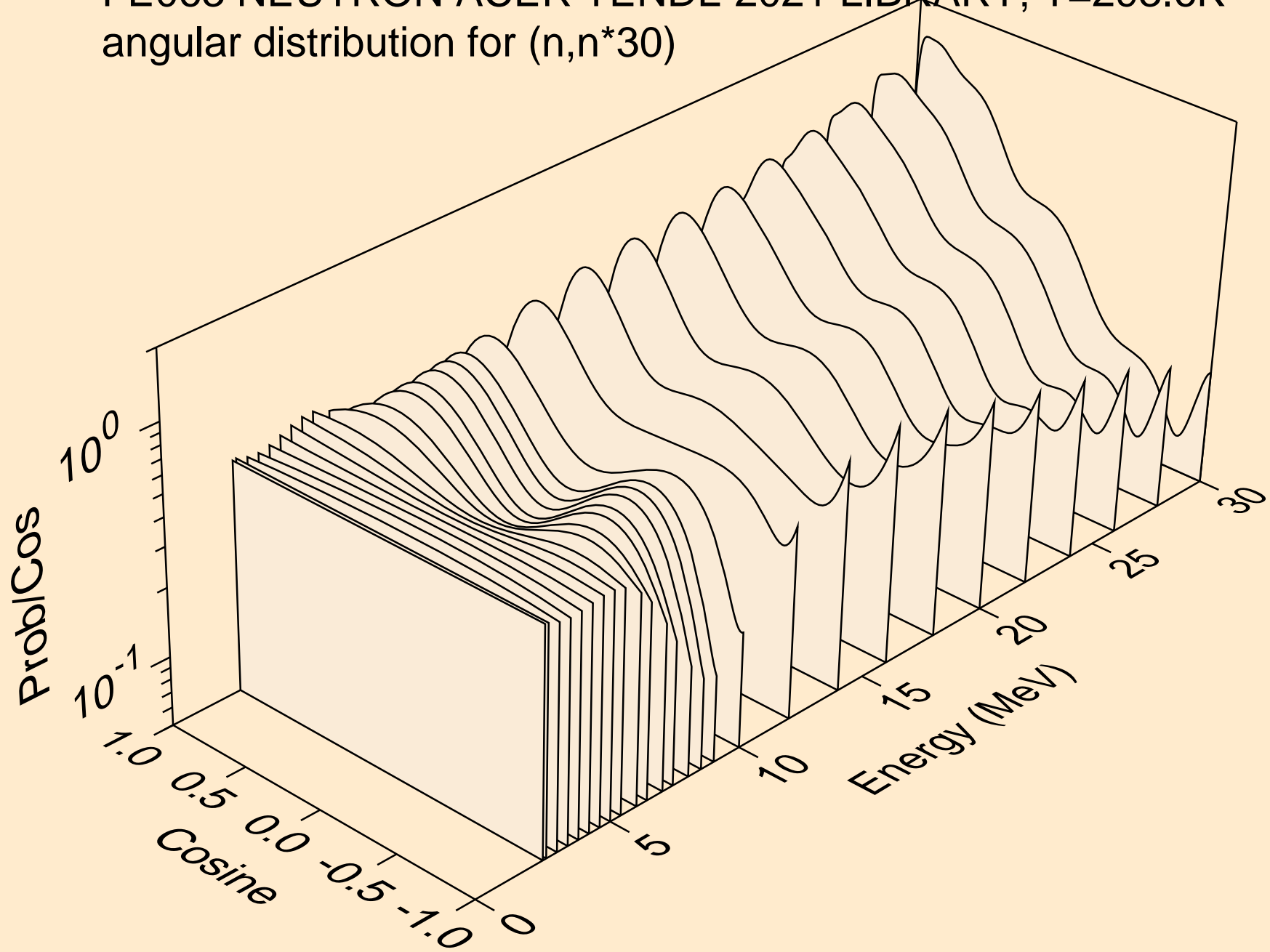
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angular distribution for (n,n\*28)



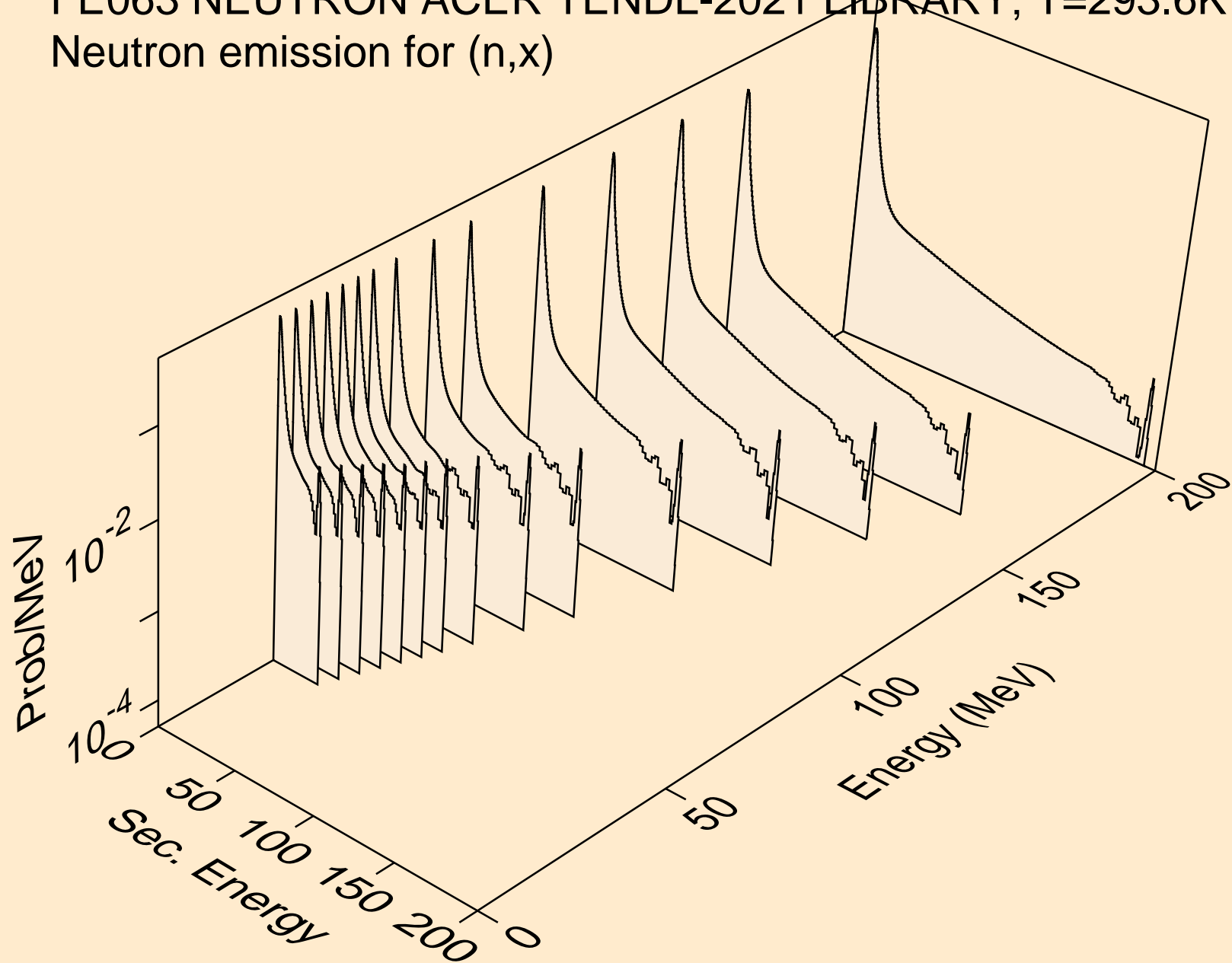
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angular distribution for (n,n\*29)



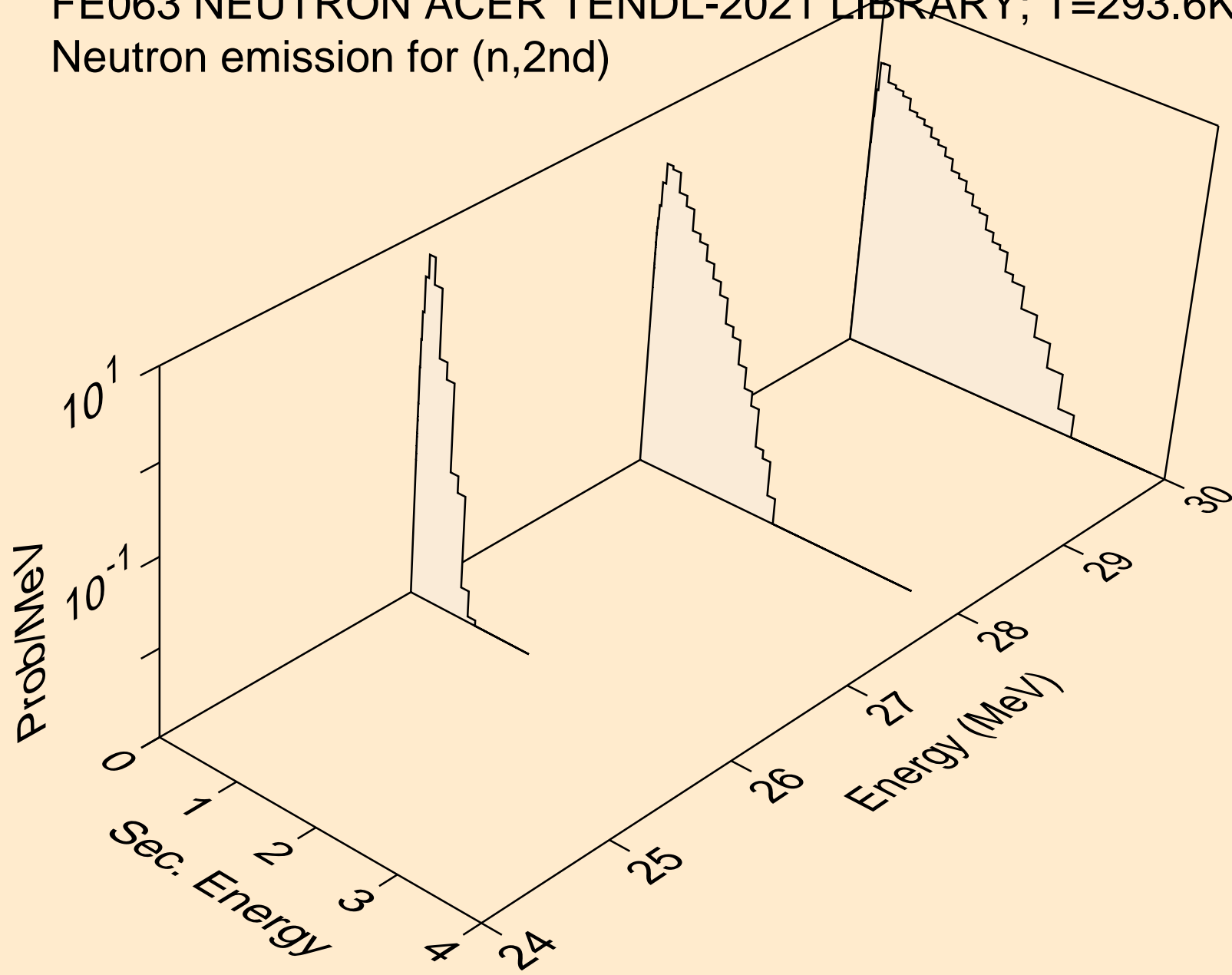
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angular distribution for (n,n\*30)



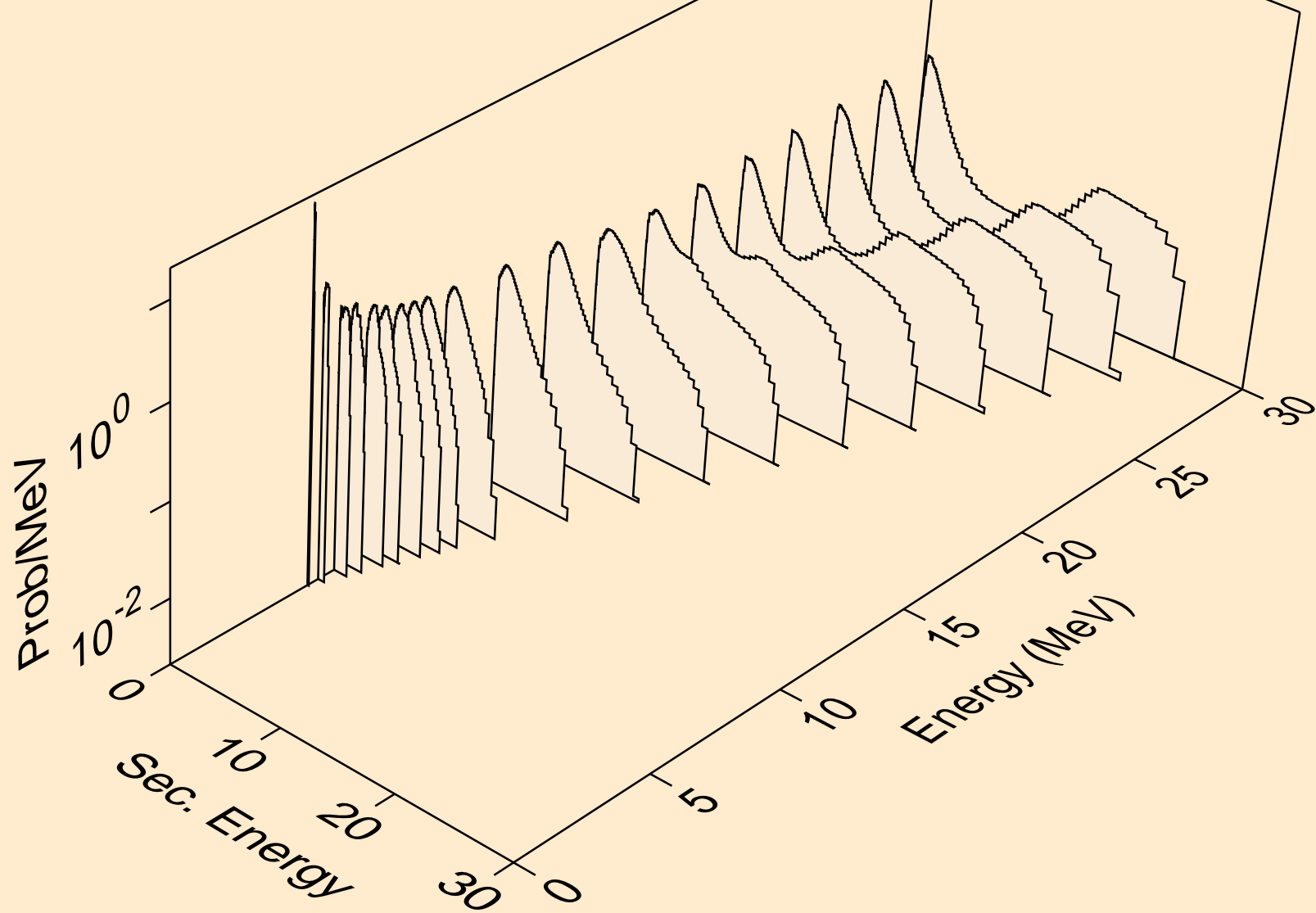
FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)



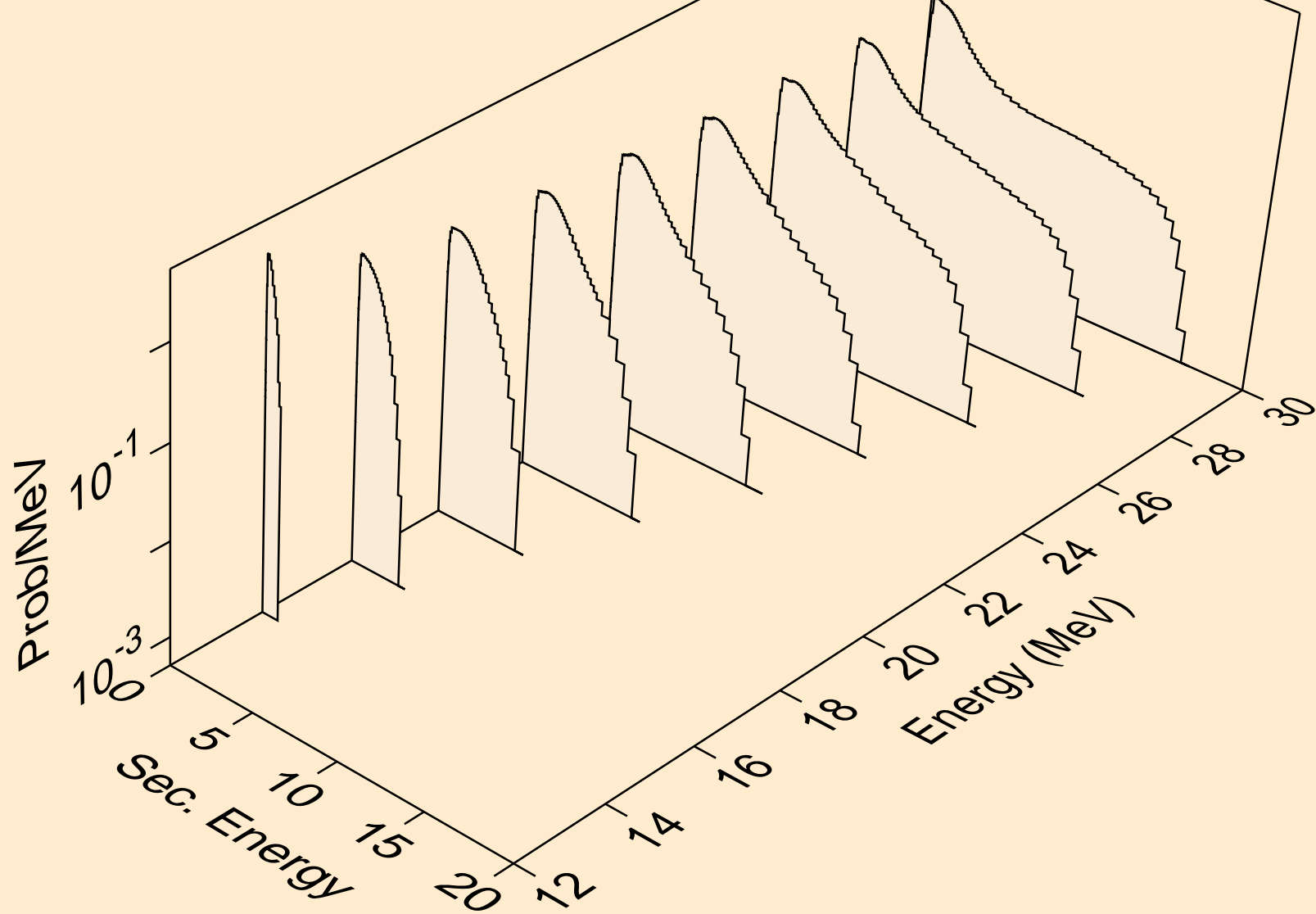
FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)

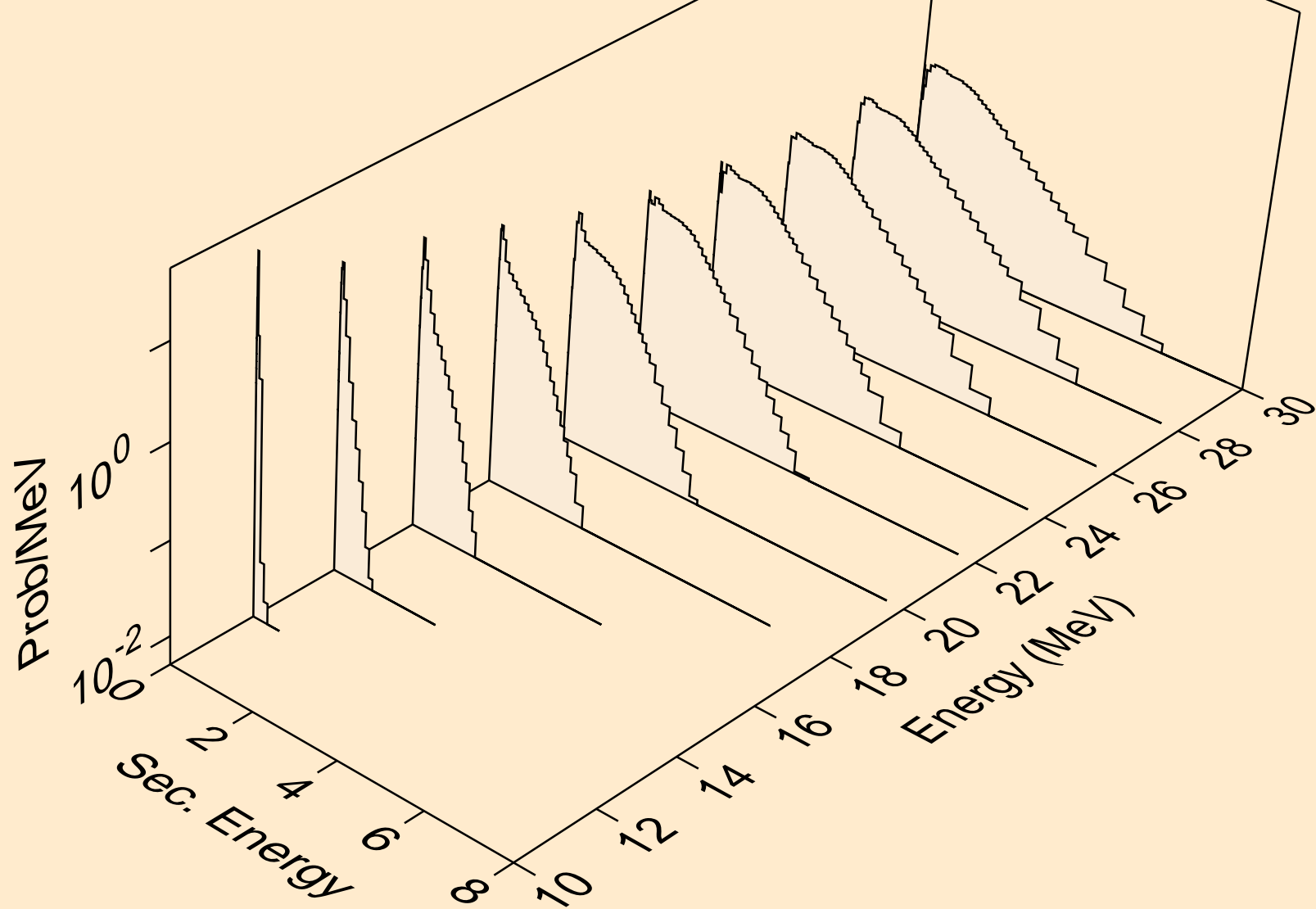


FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)

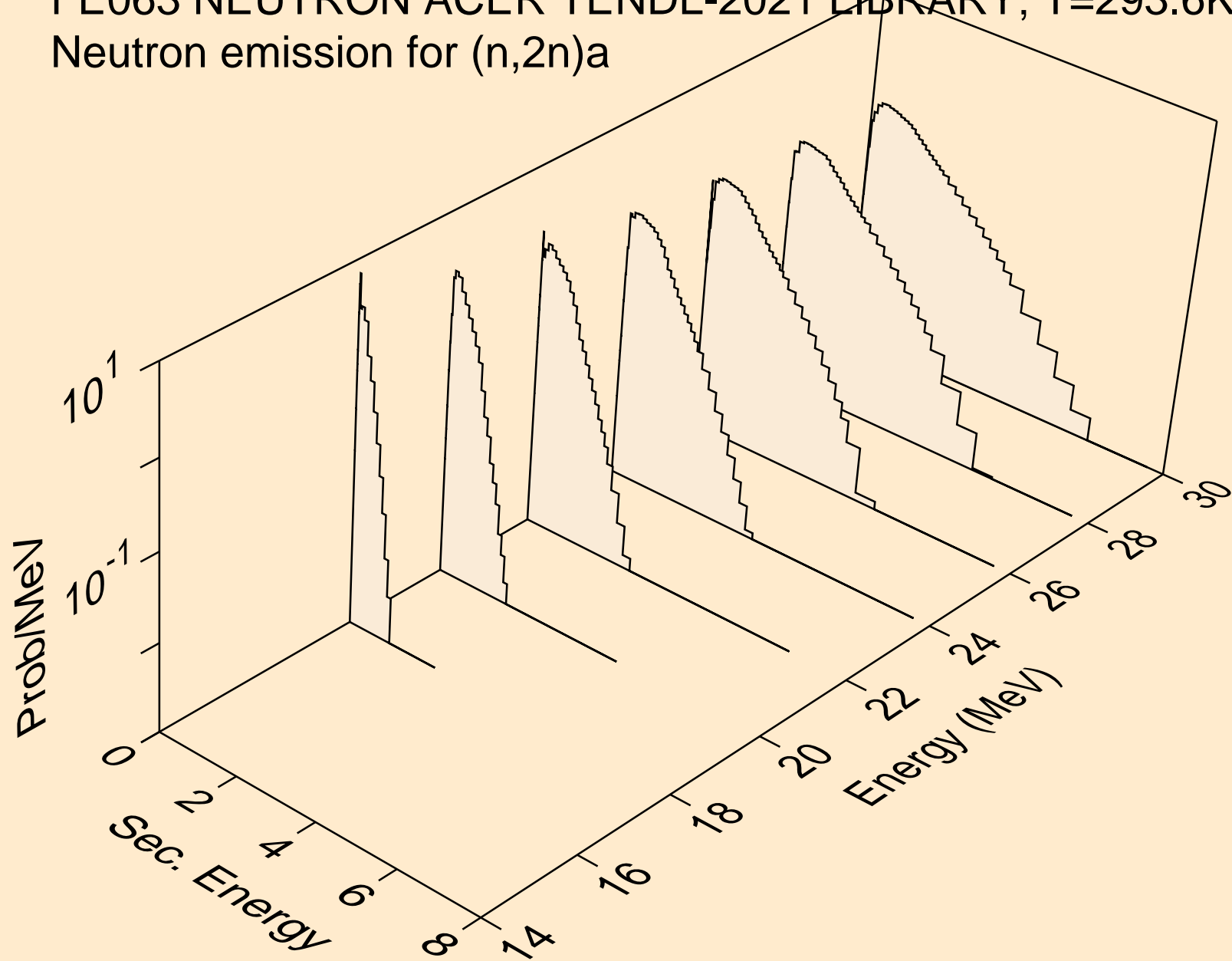




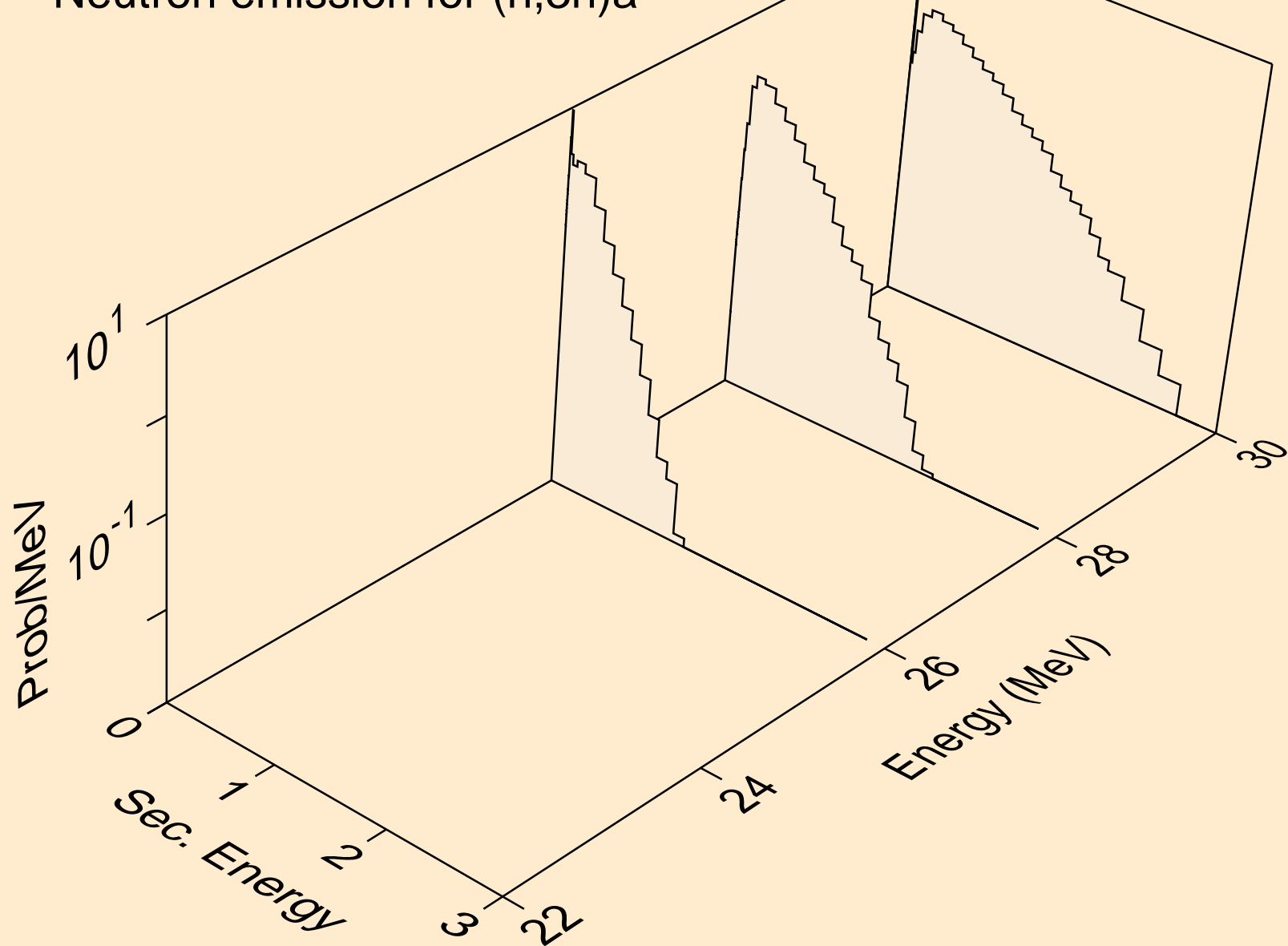
FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



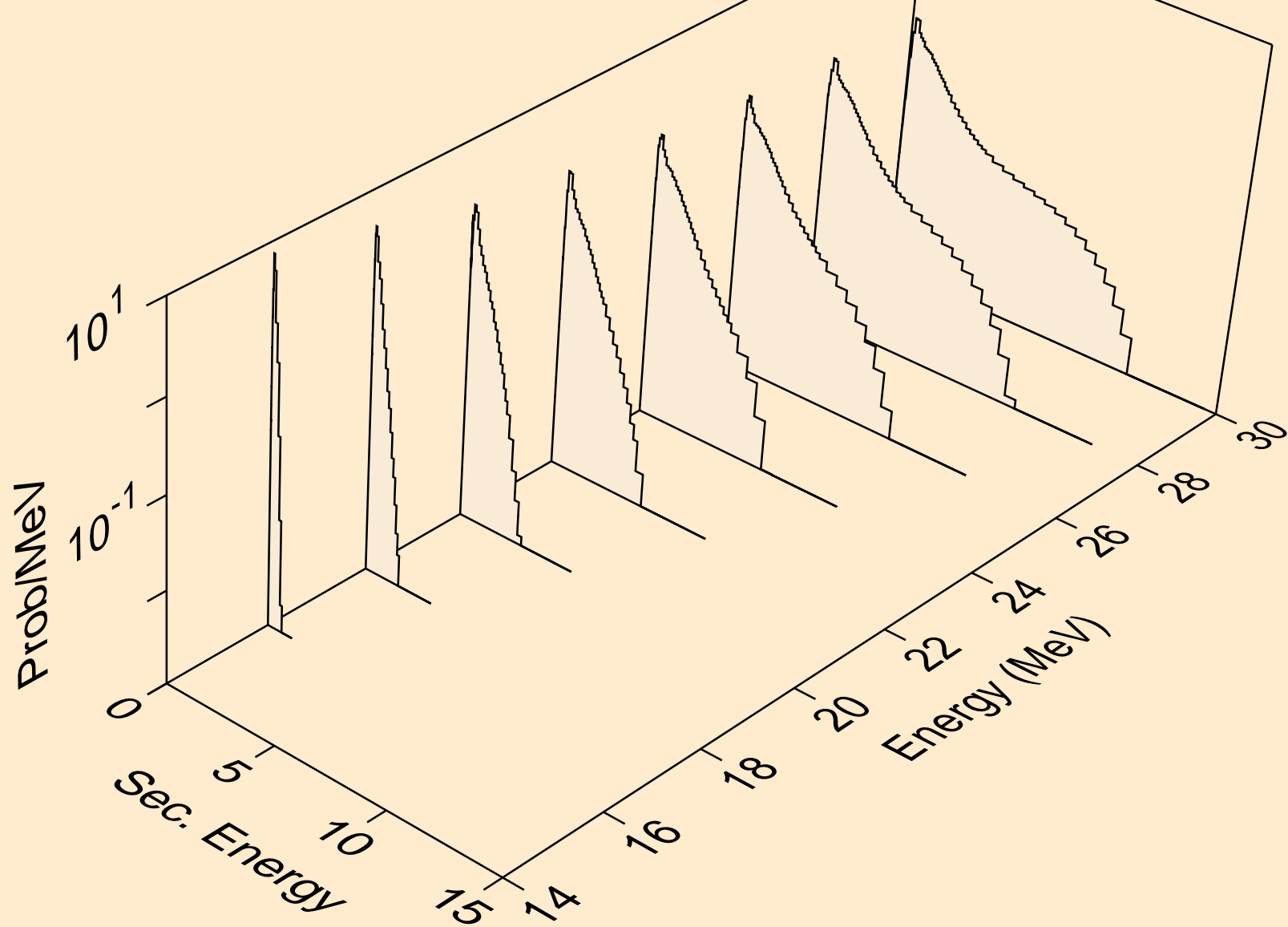
FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)a



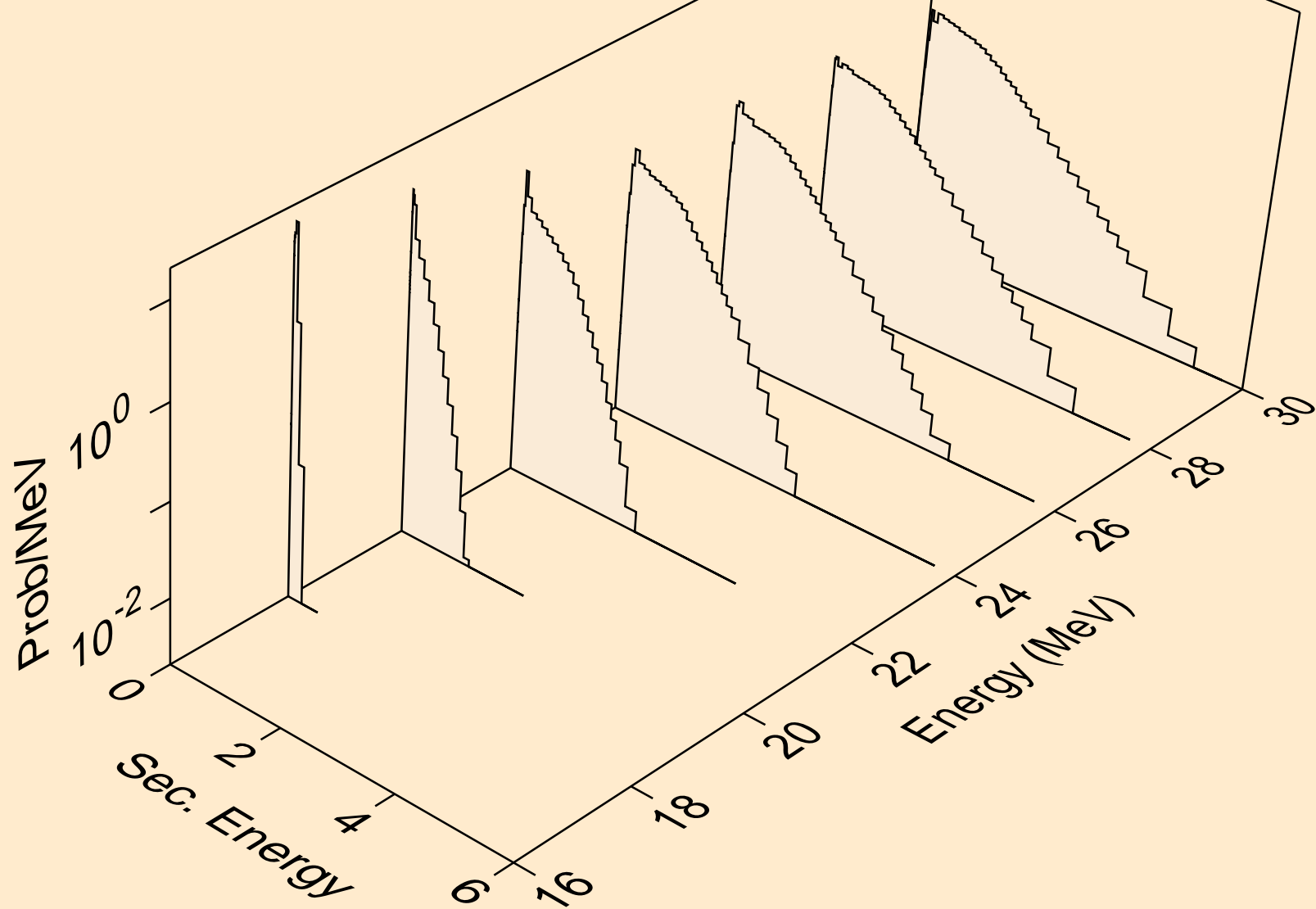
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Neutron emission for (n,3n)a



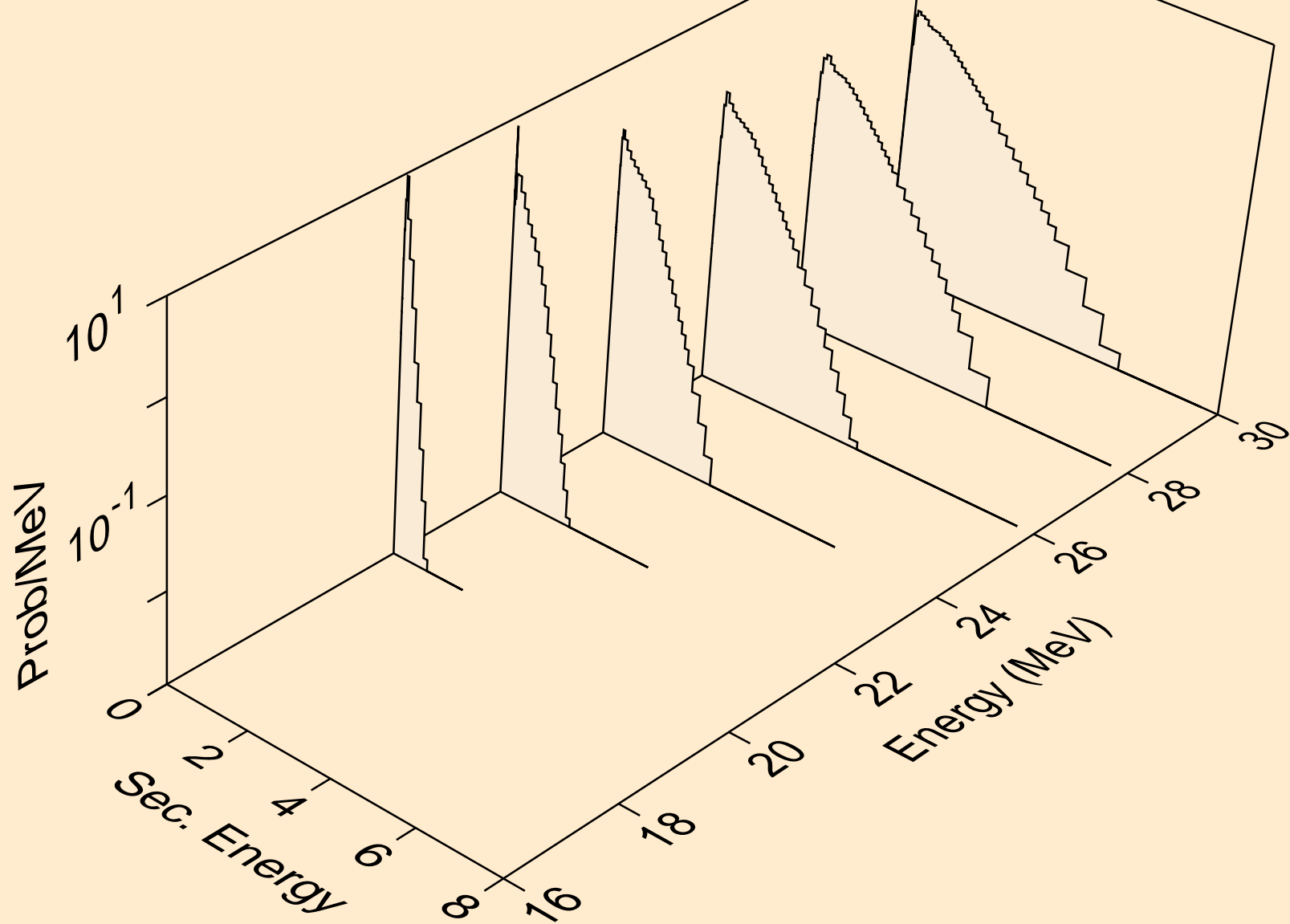
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Neutron emission for (n,n\*)p



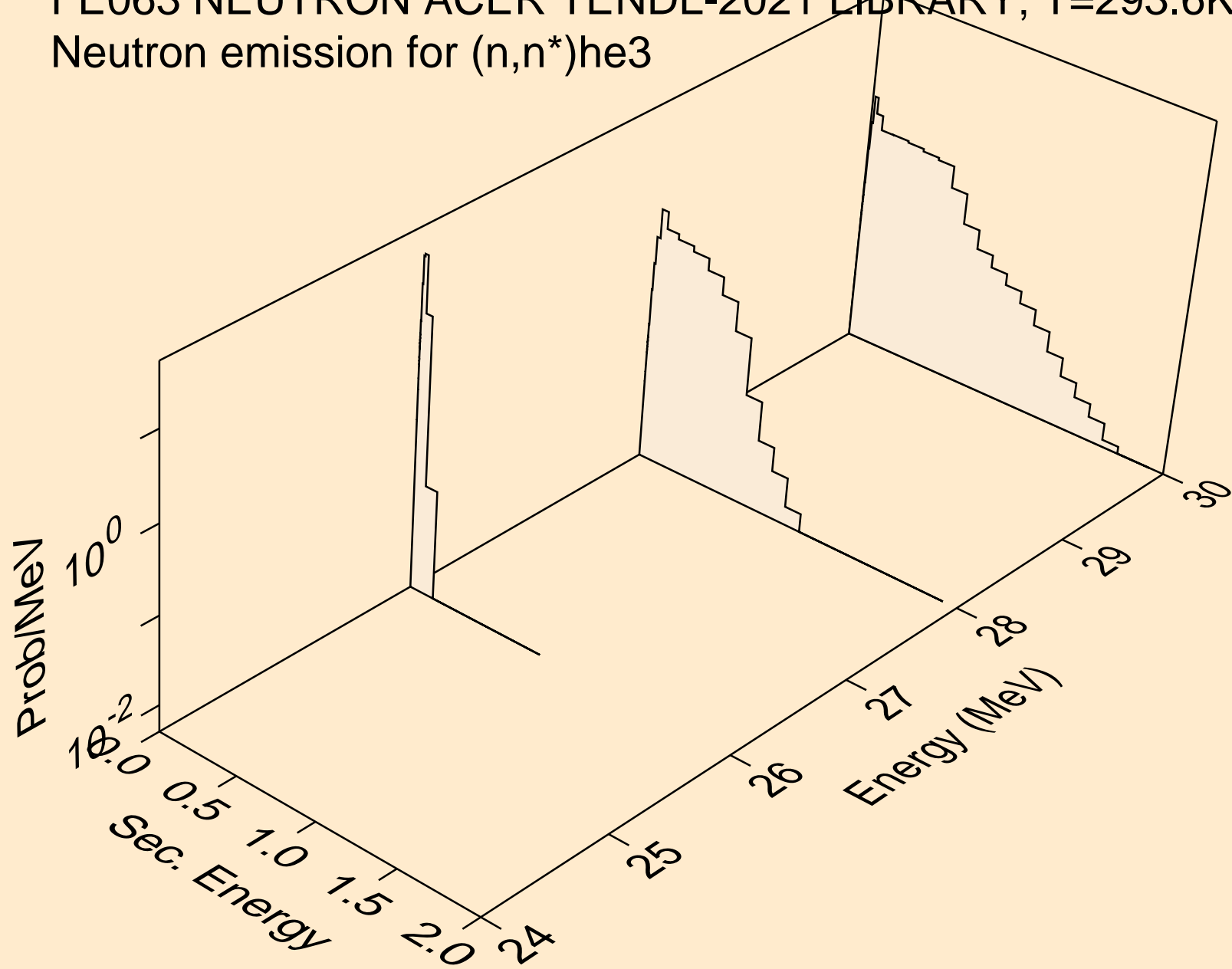
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Neutron emission for (n,n\*)d



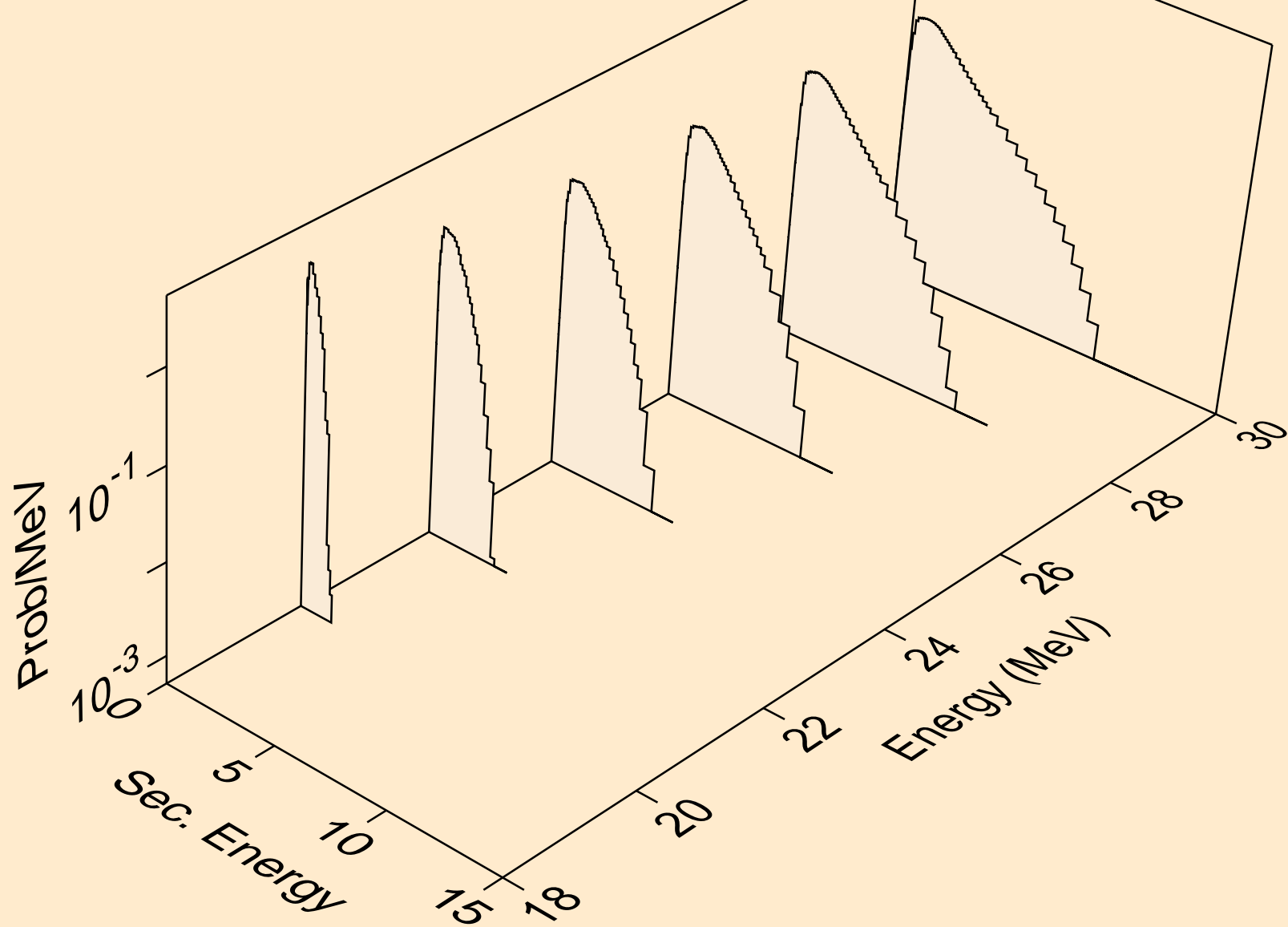
FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3

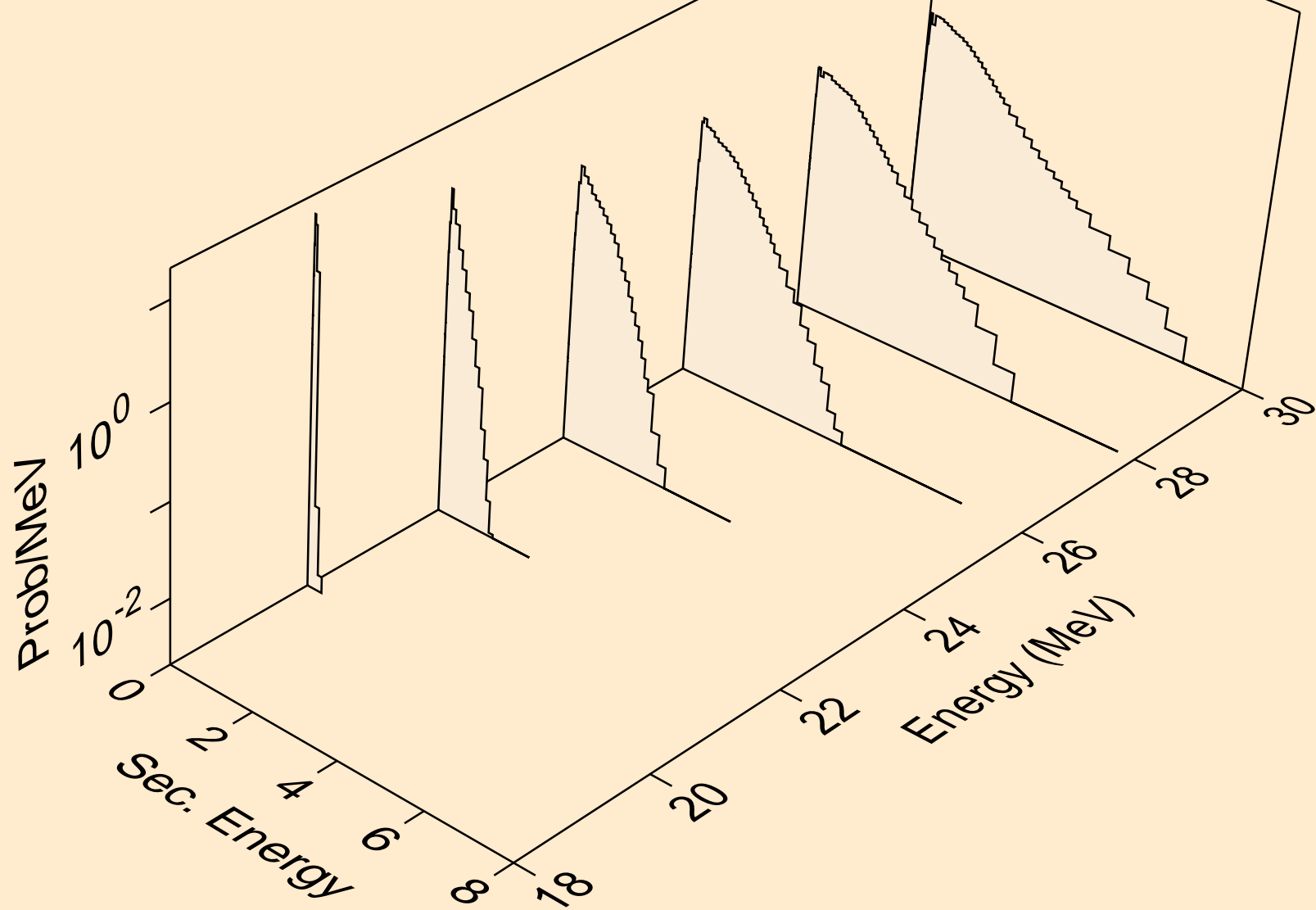


FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,4n)

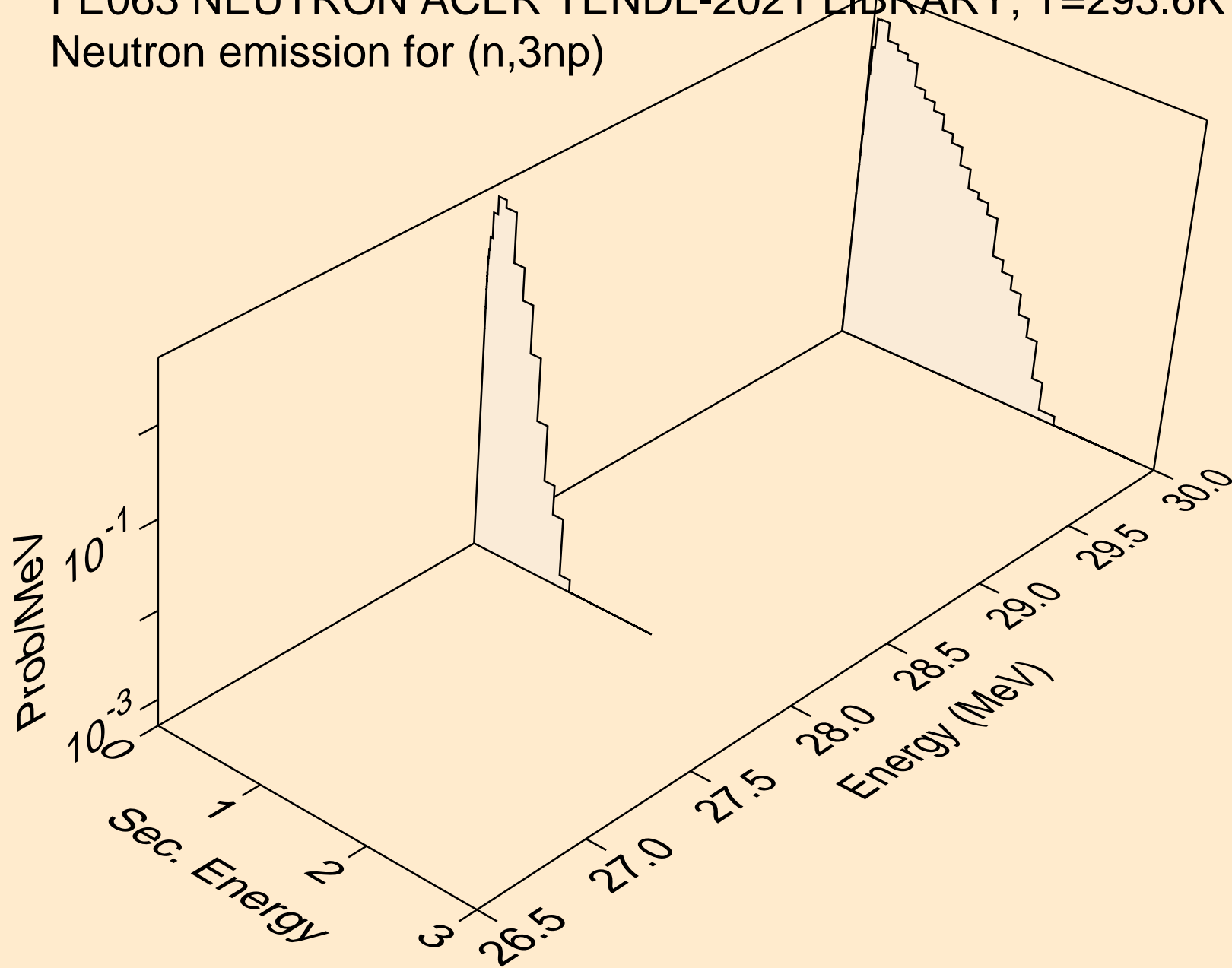




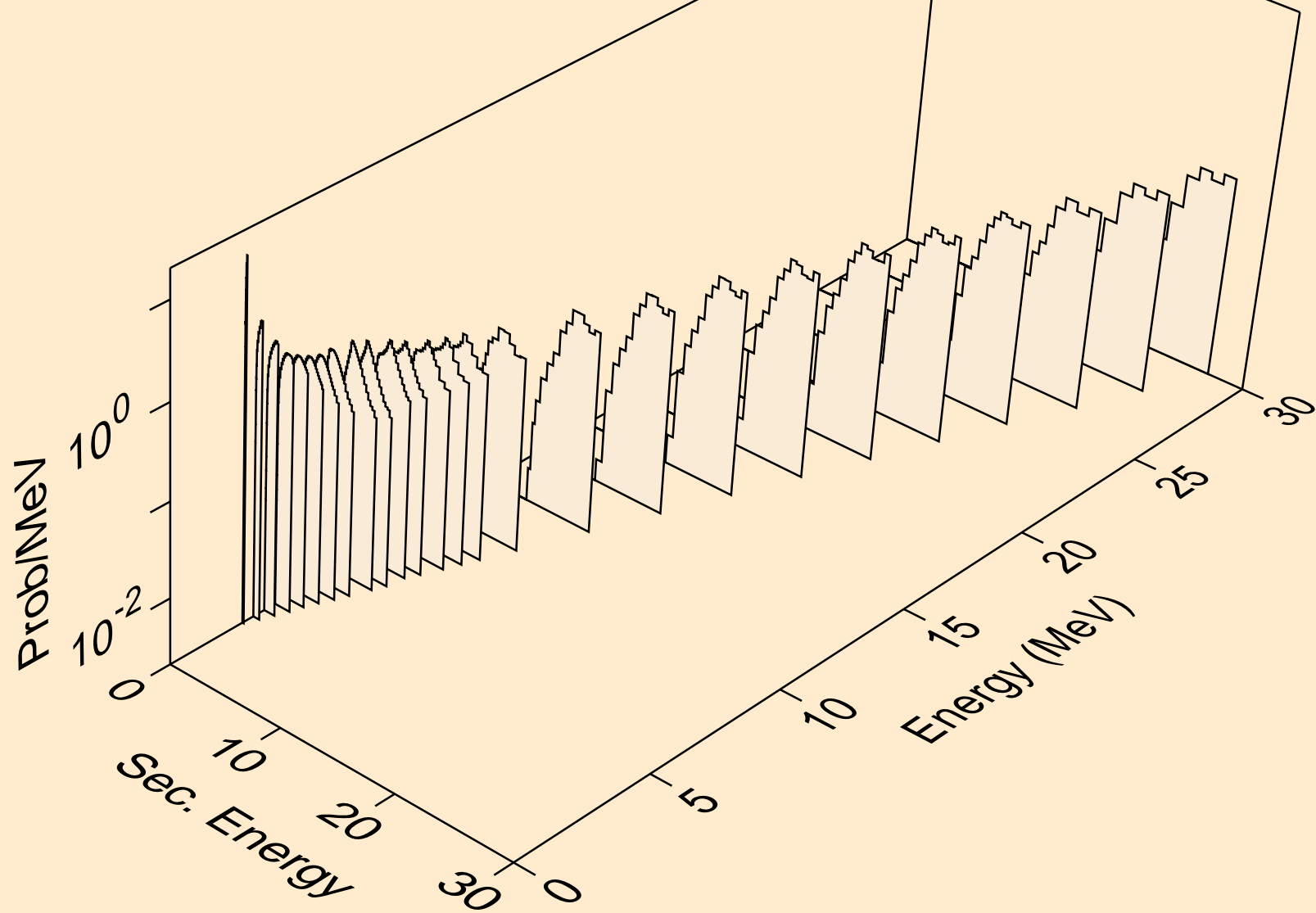
FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



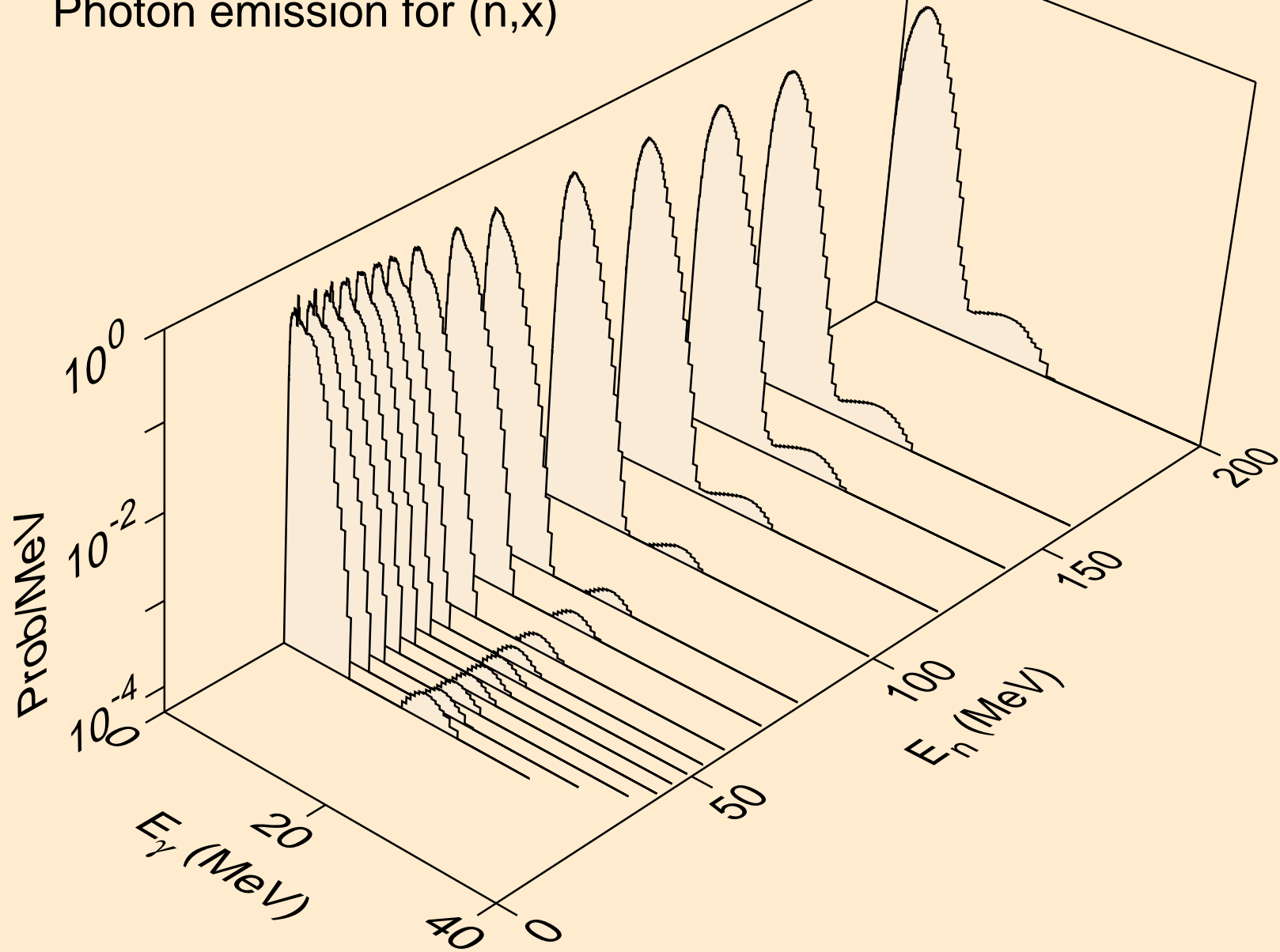
FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3np)



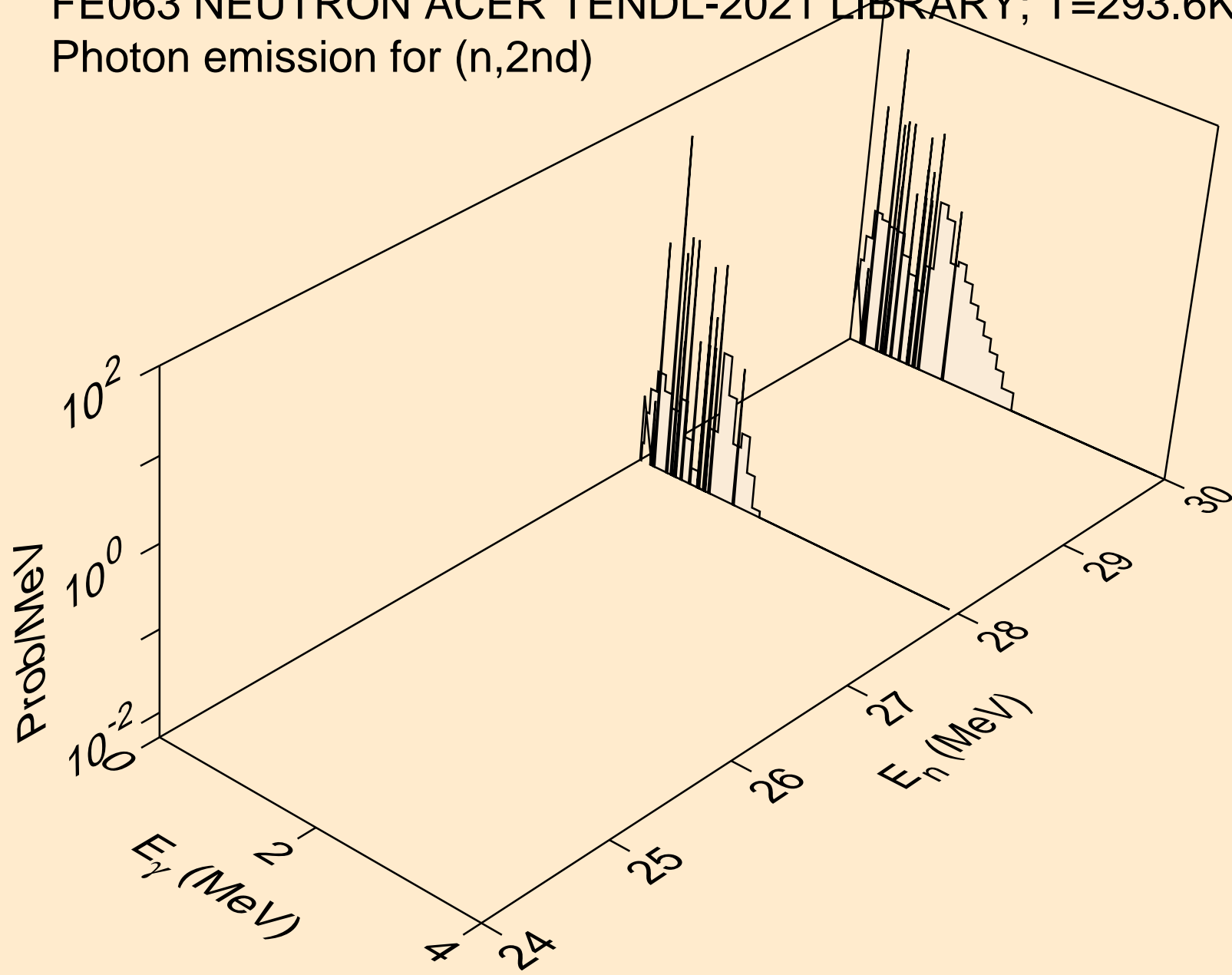
FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



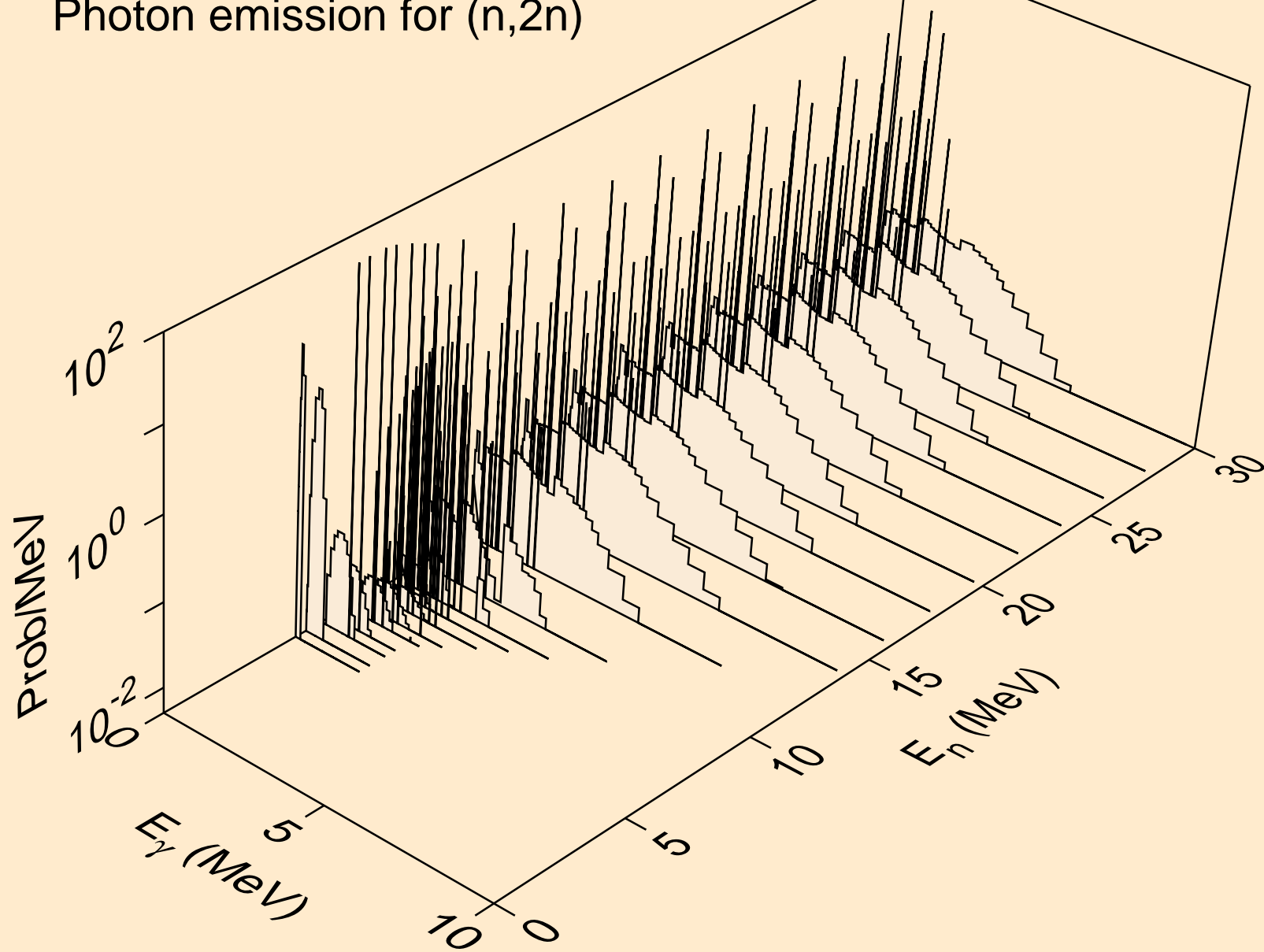
FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)



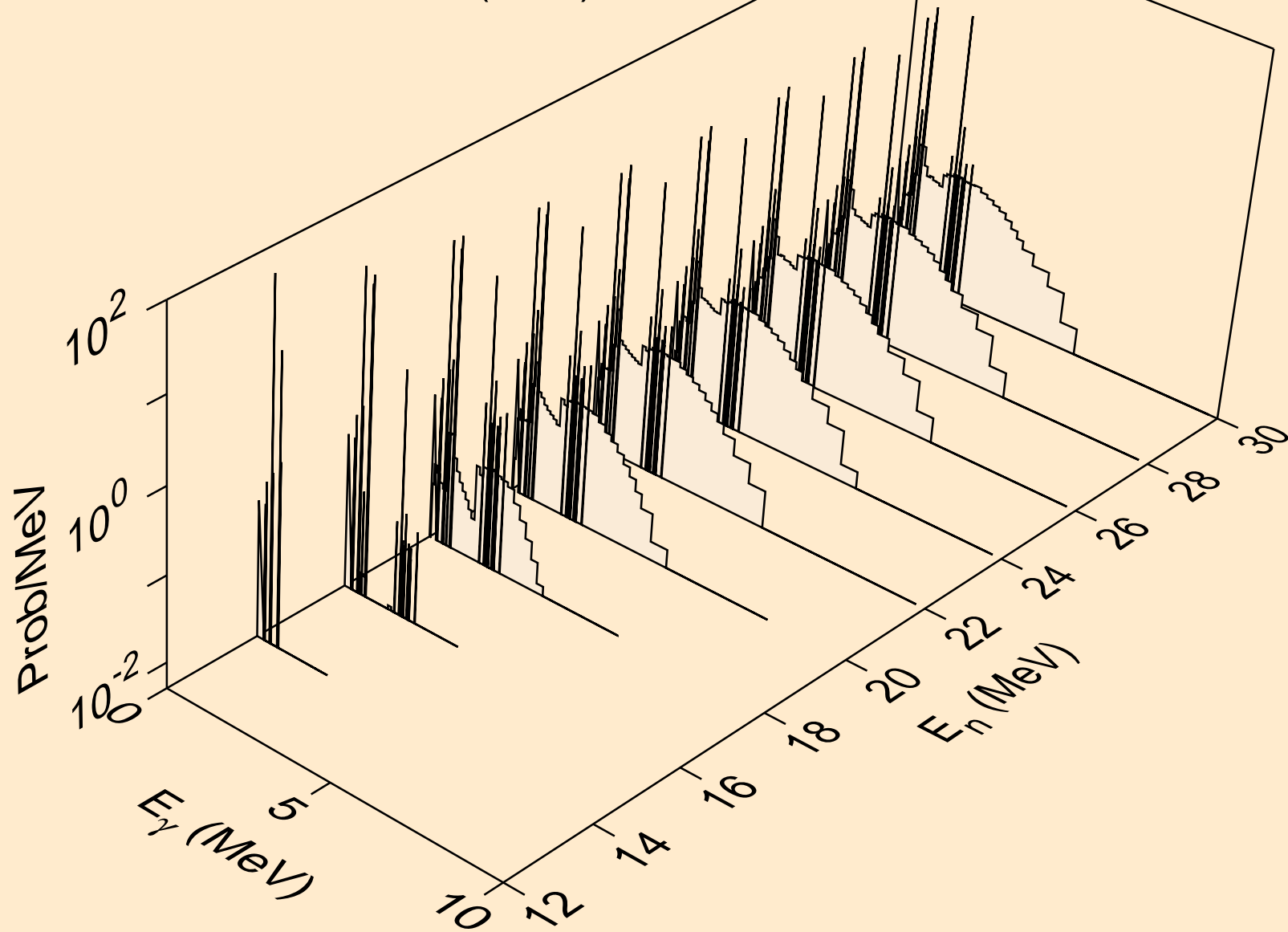
FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2nd)



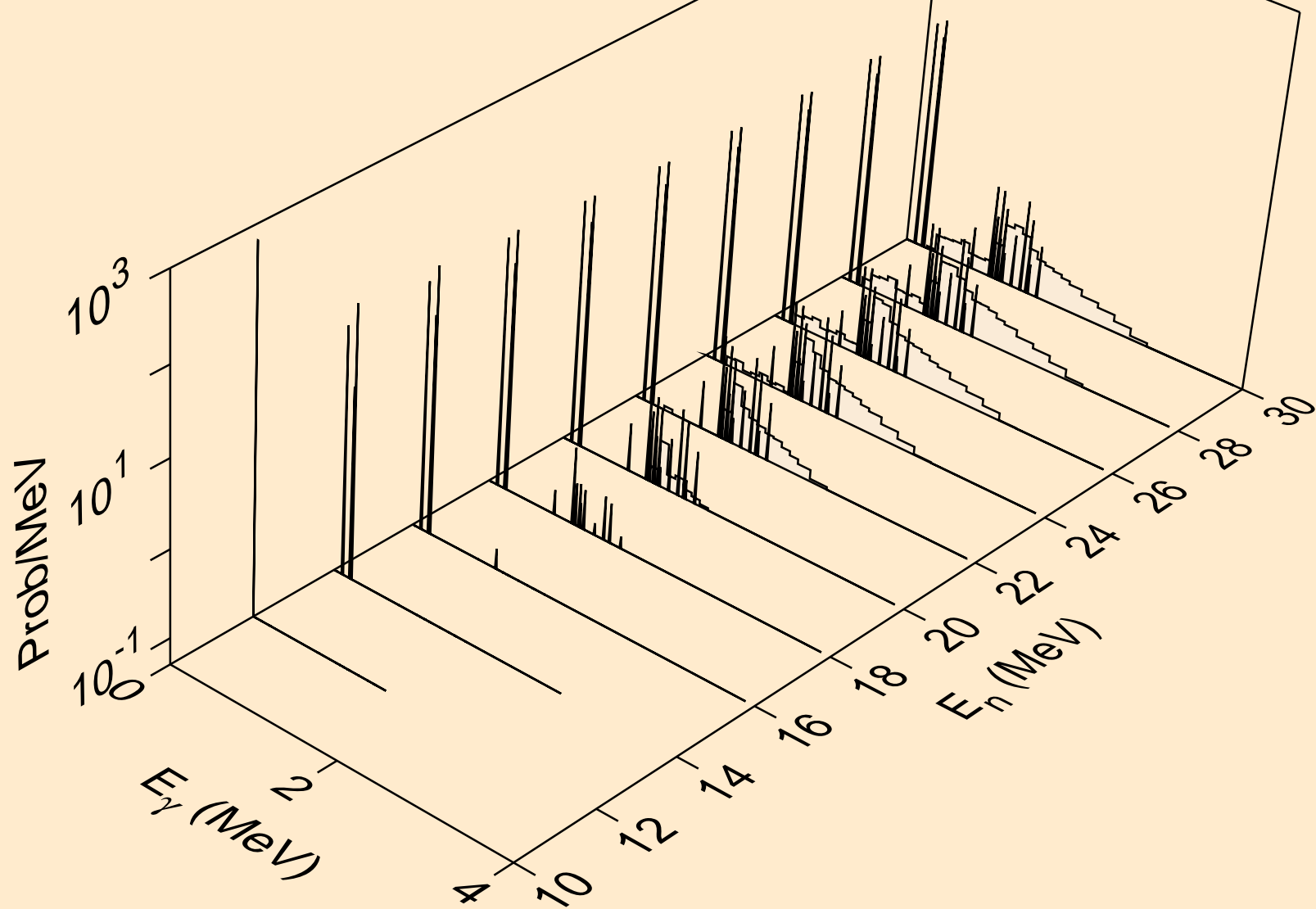
FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)



FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)

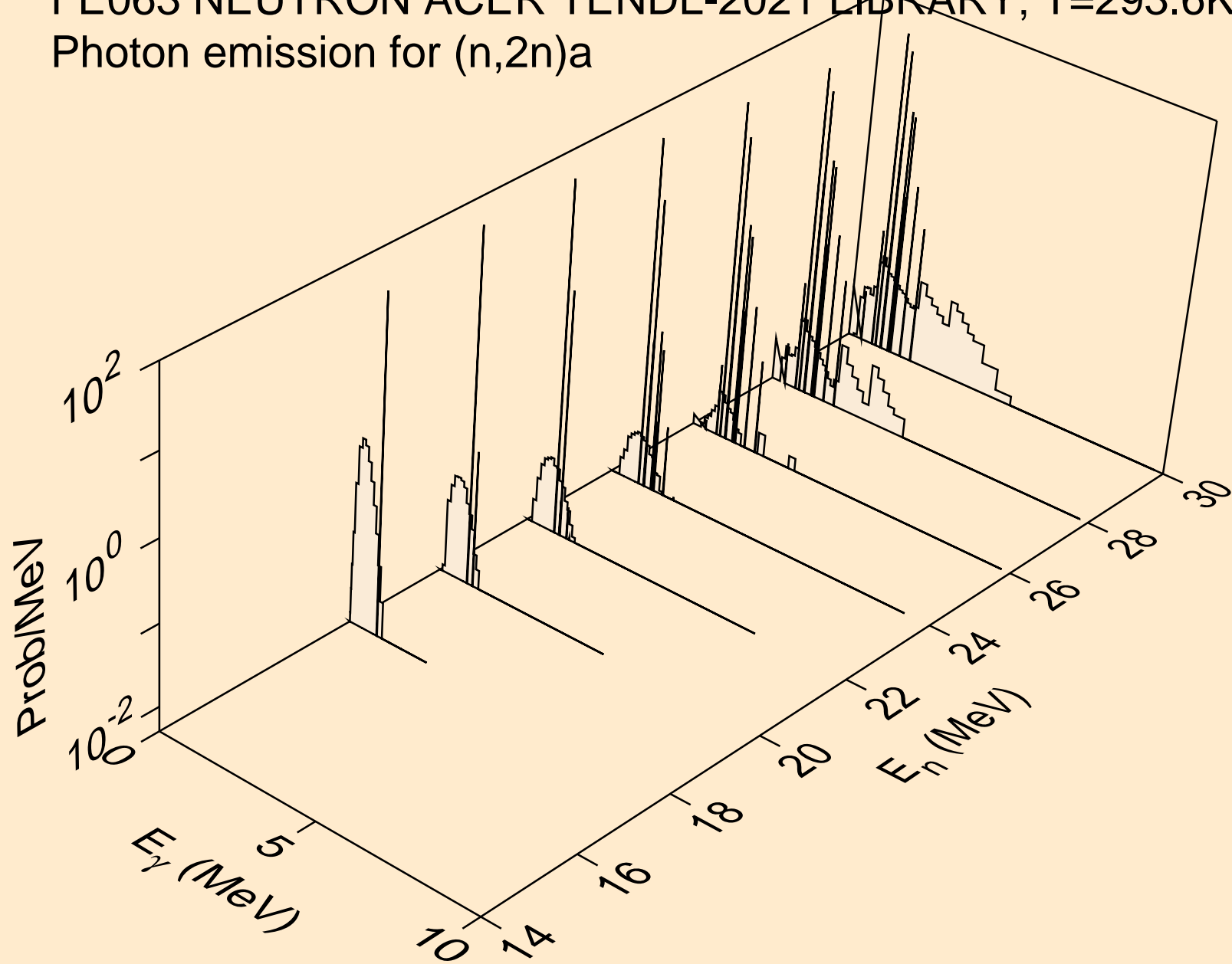


FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a

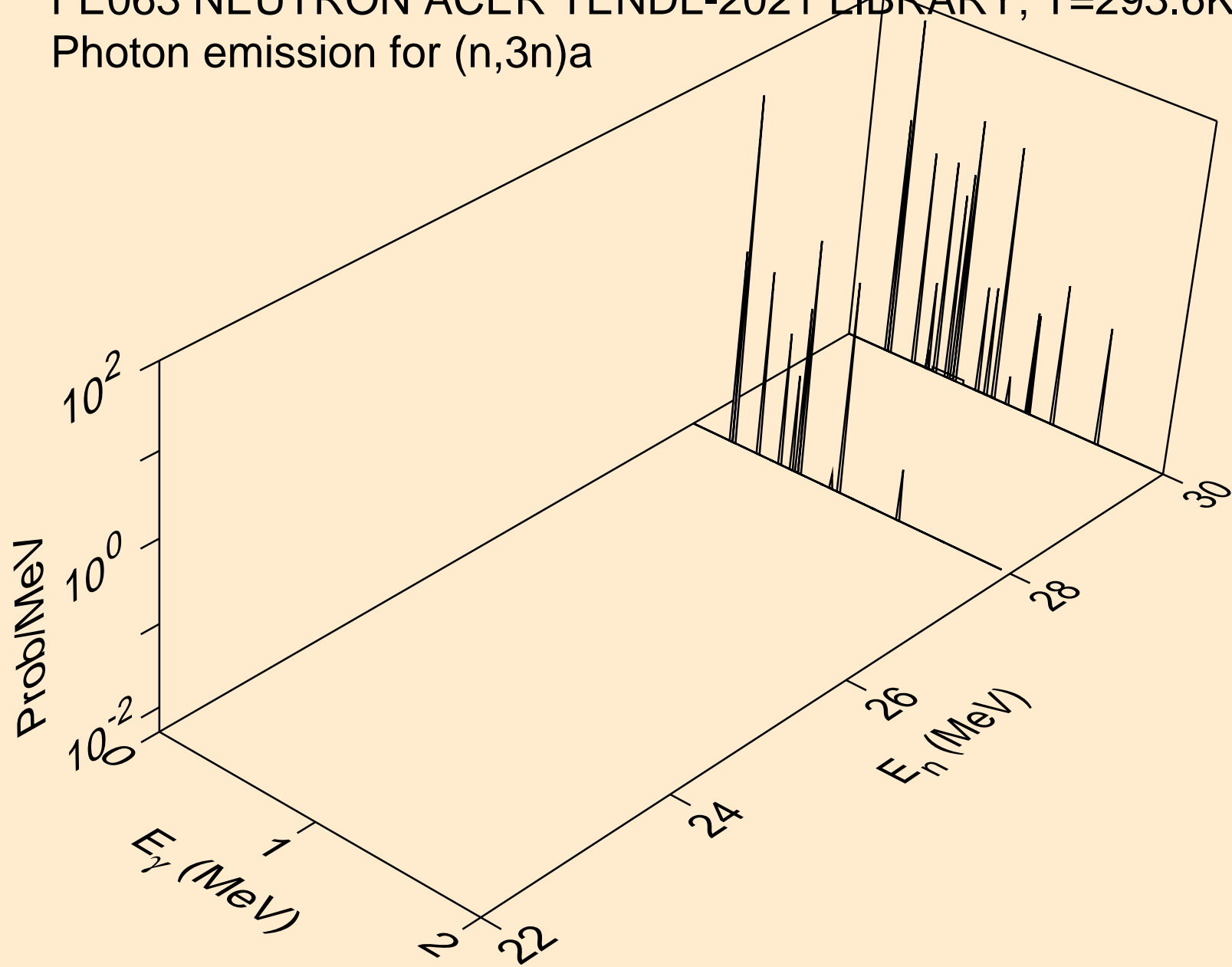




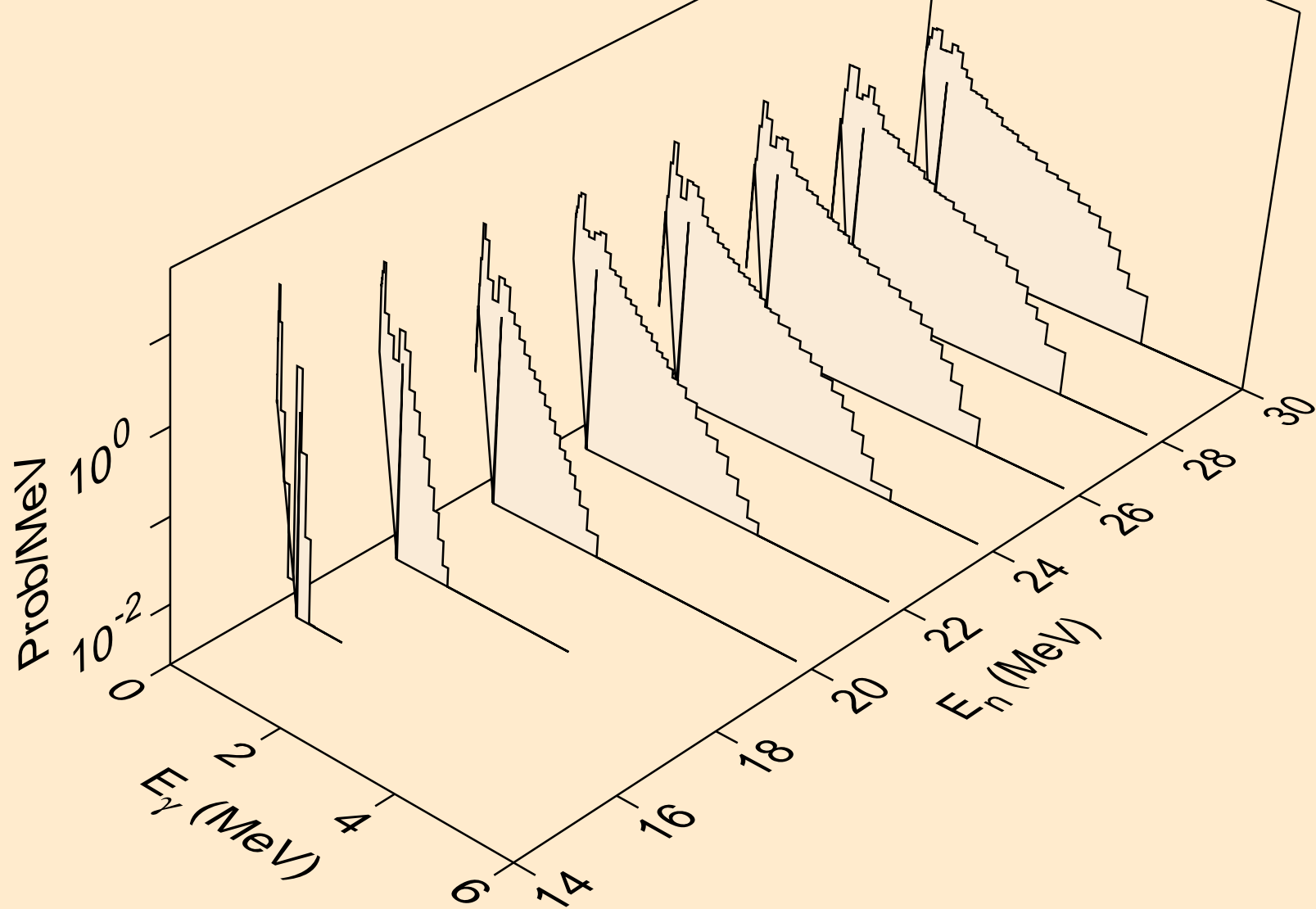
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Photon emission for (n,2n)a



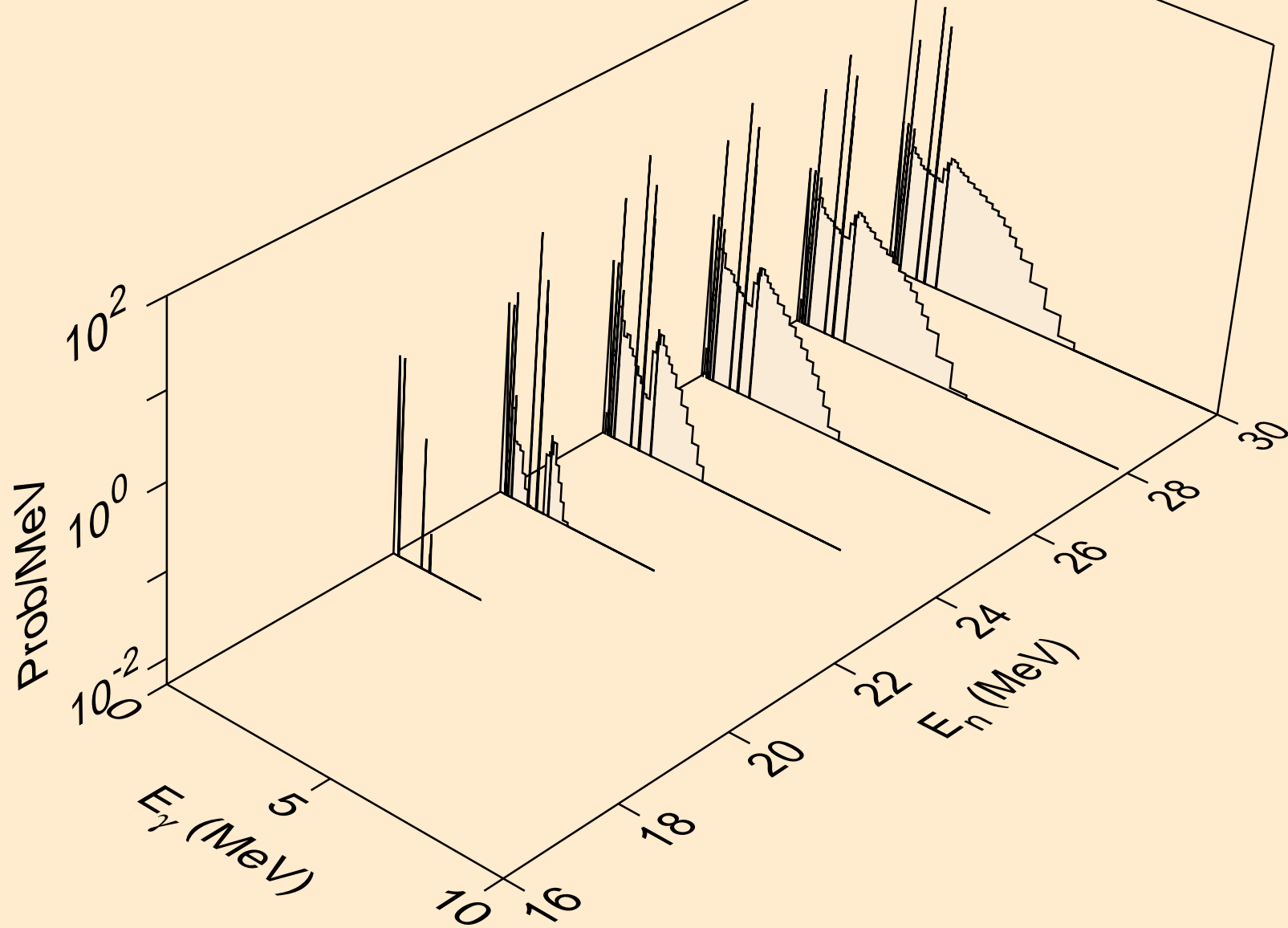
FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)a



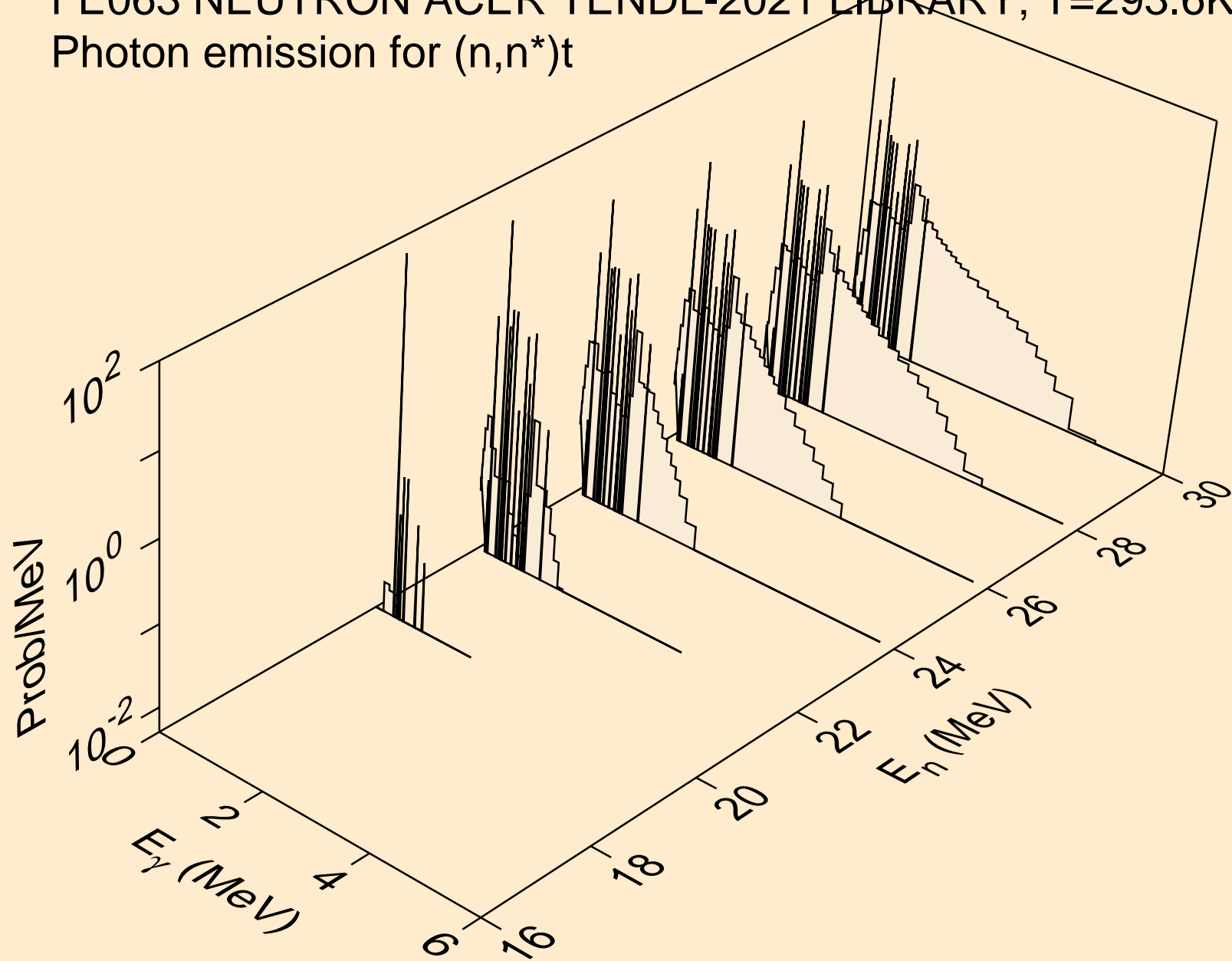
FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



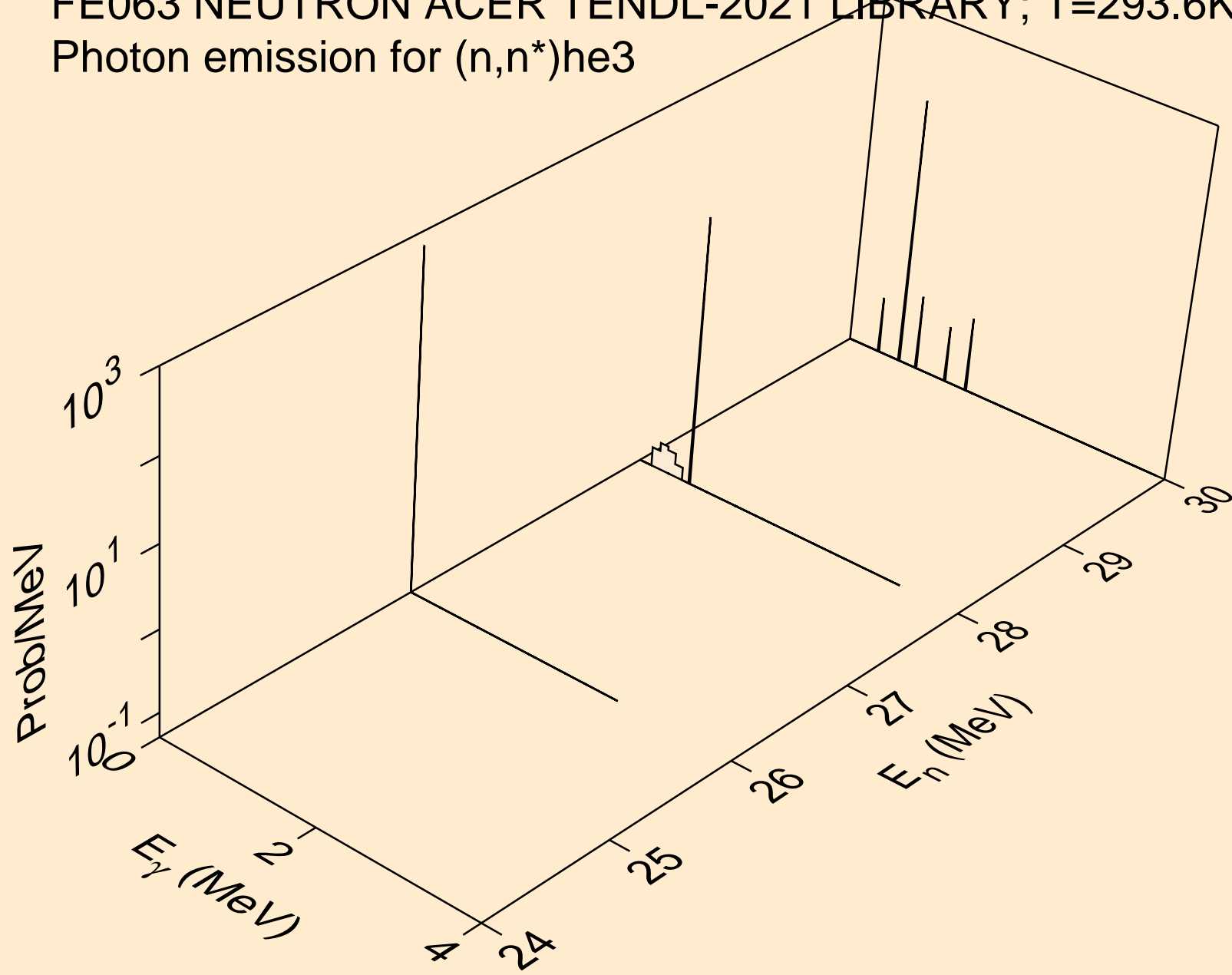
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Photon emission for (n,n\*)d



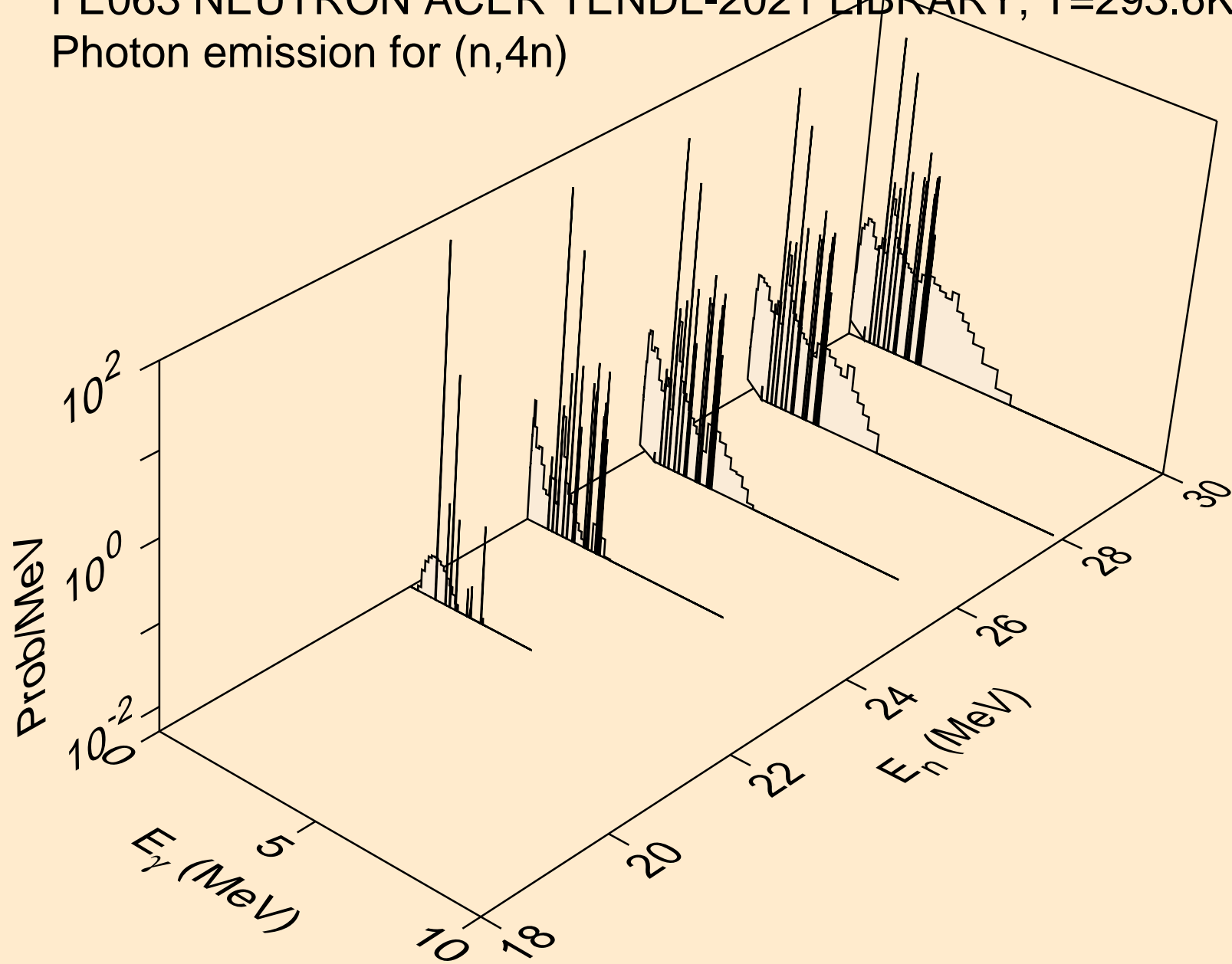
FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t



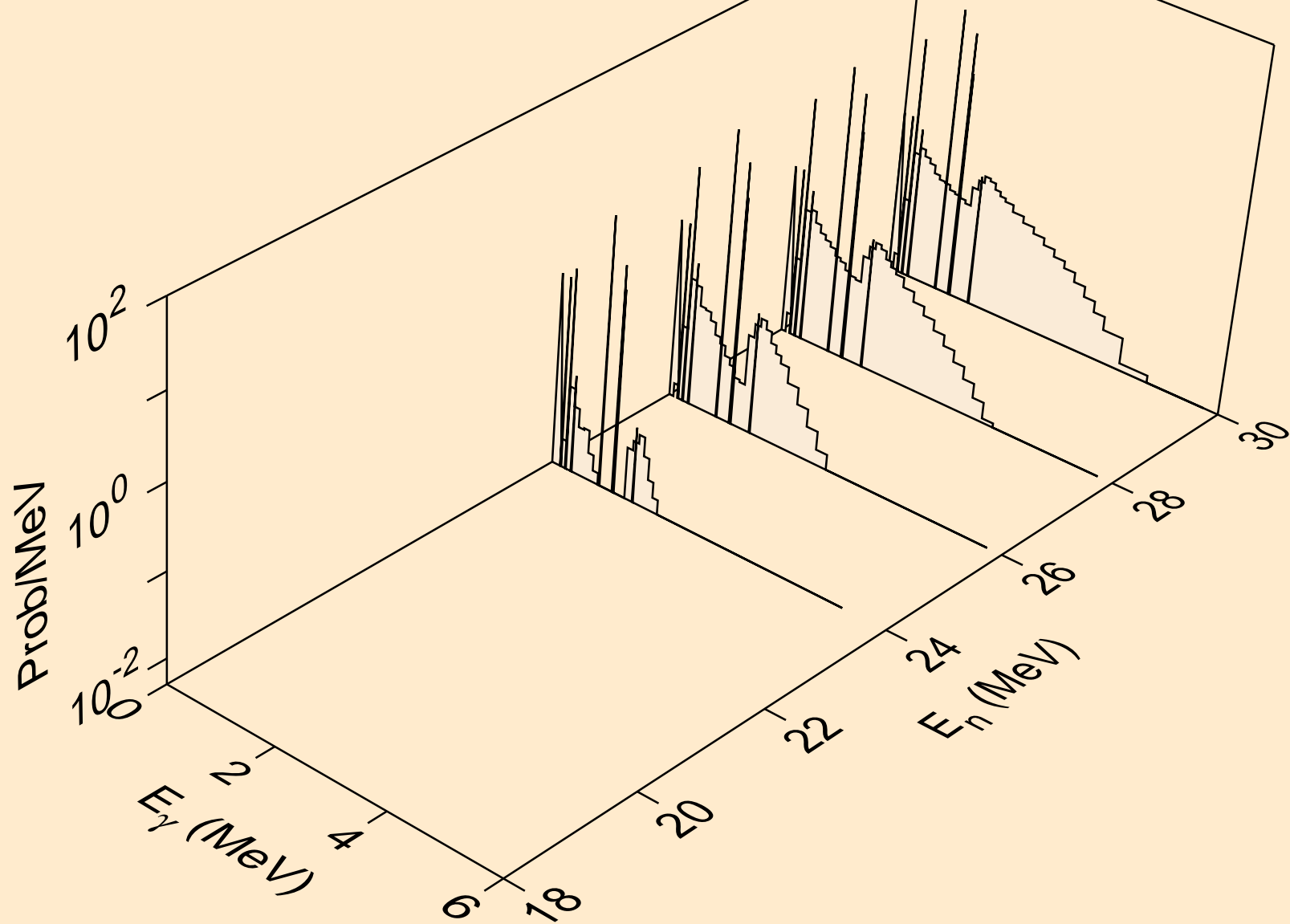
FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,4n)

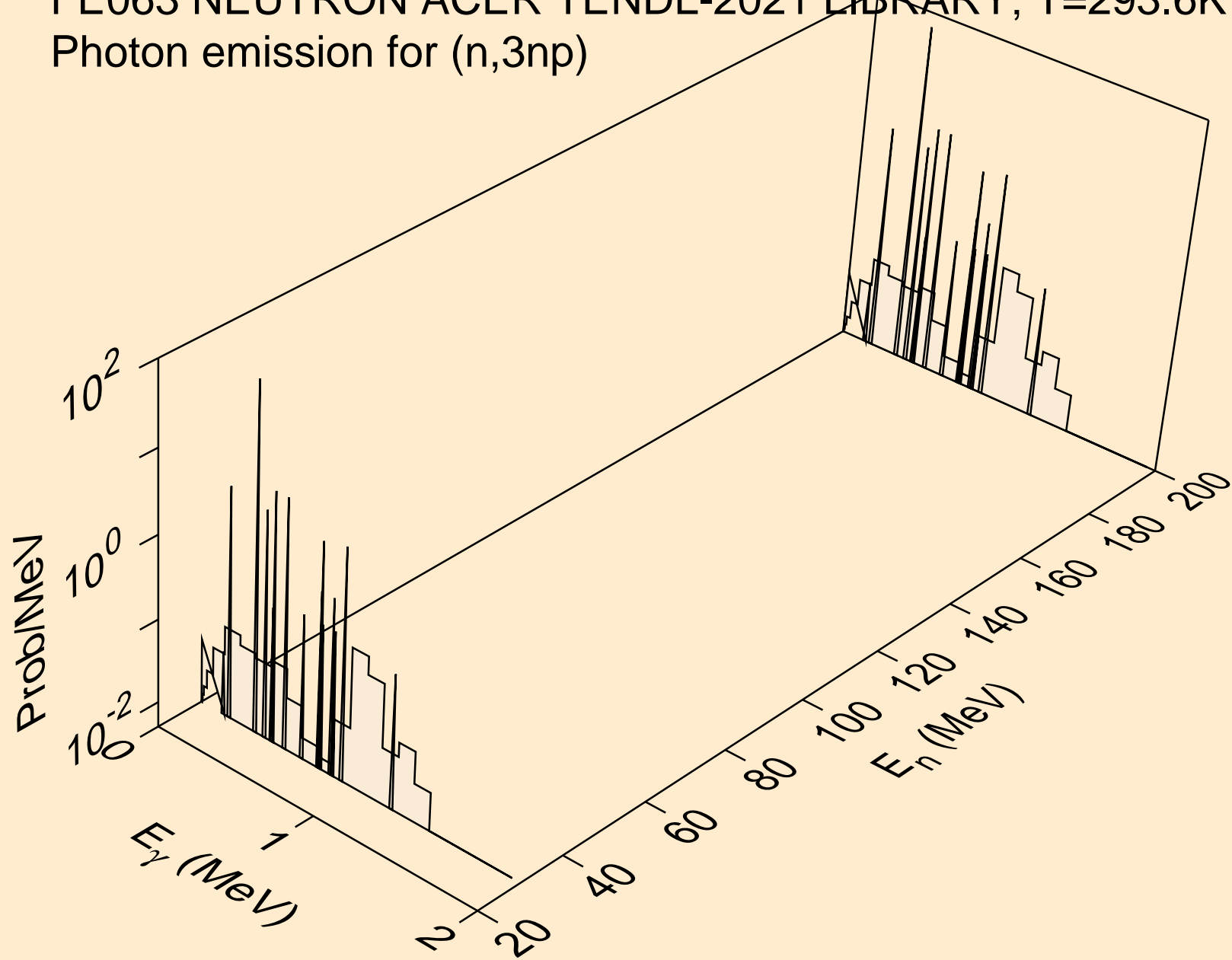


FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)

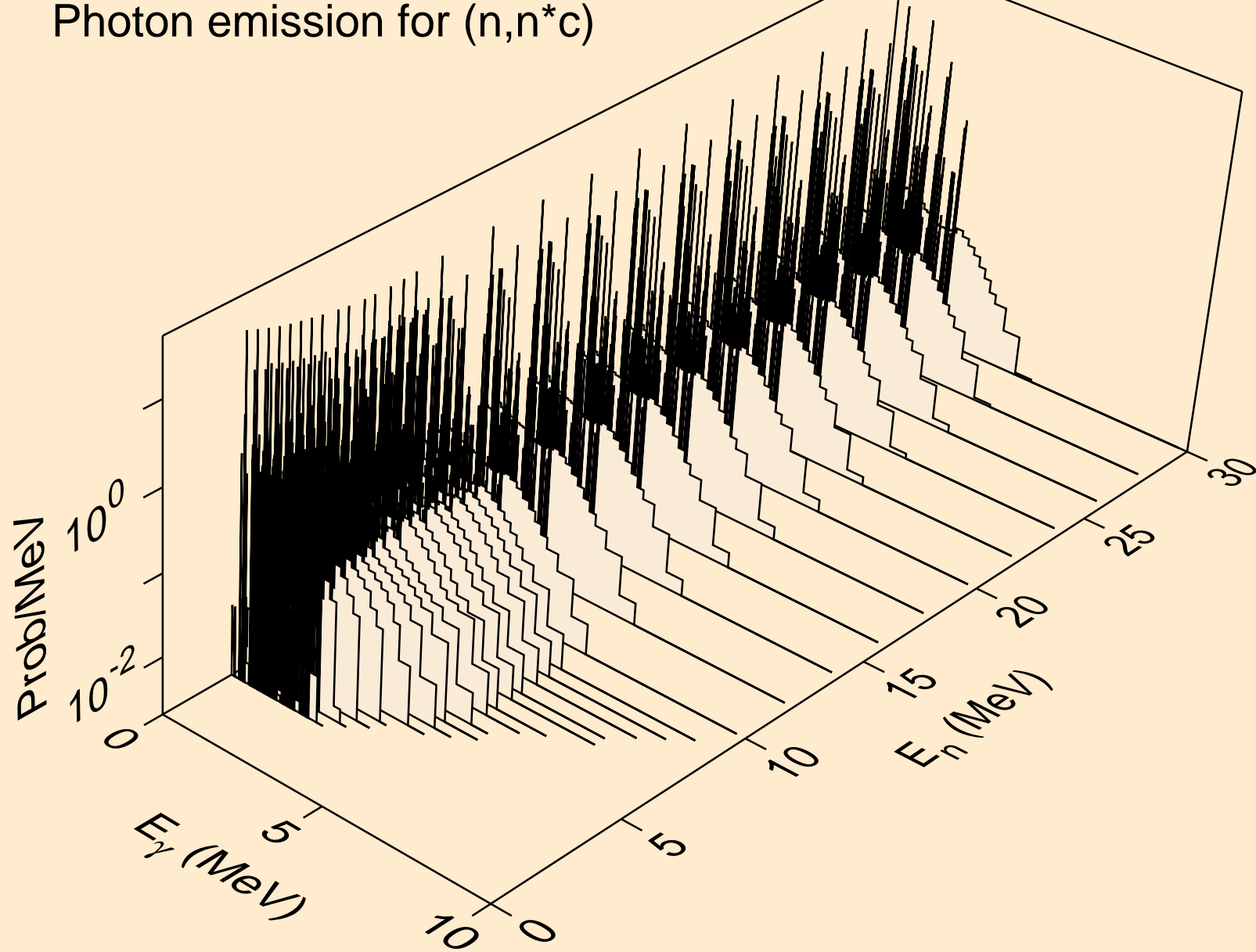




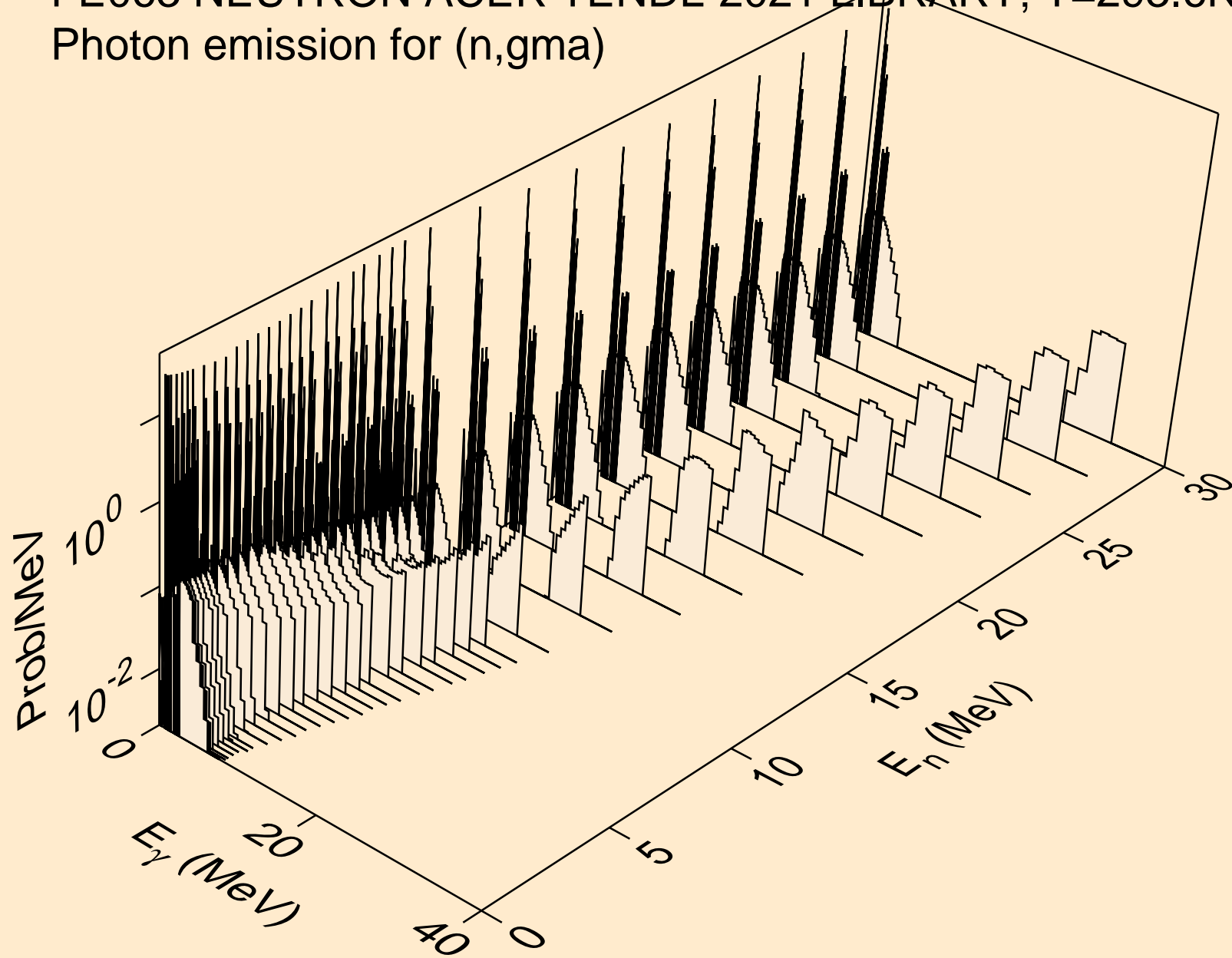
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Photon emission for (n,3np)



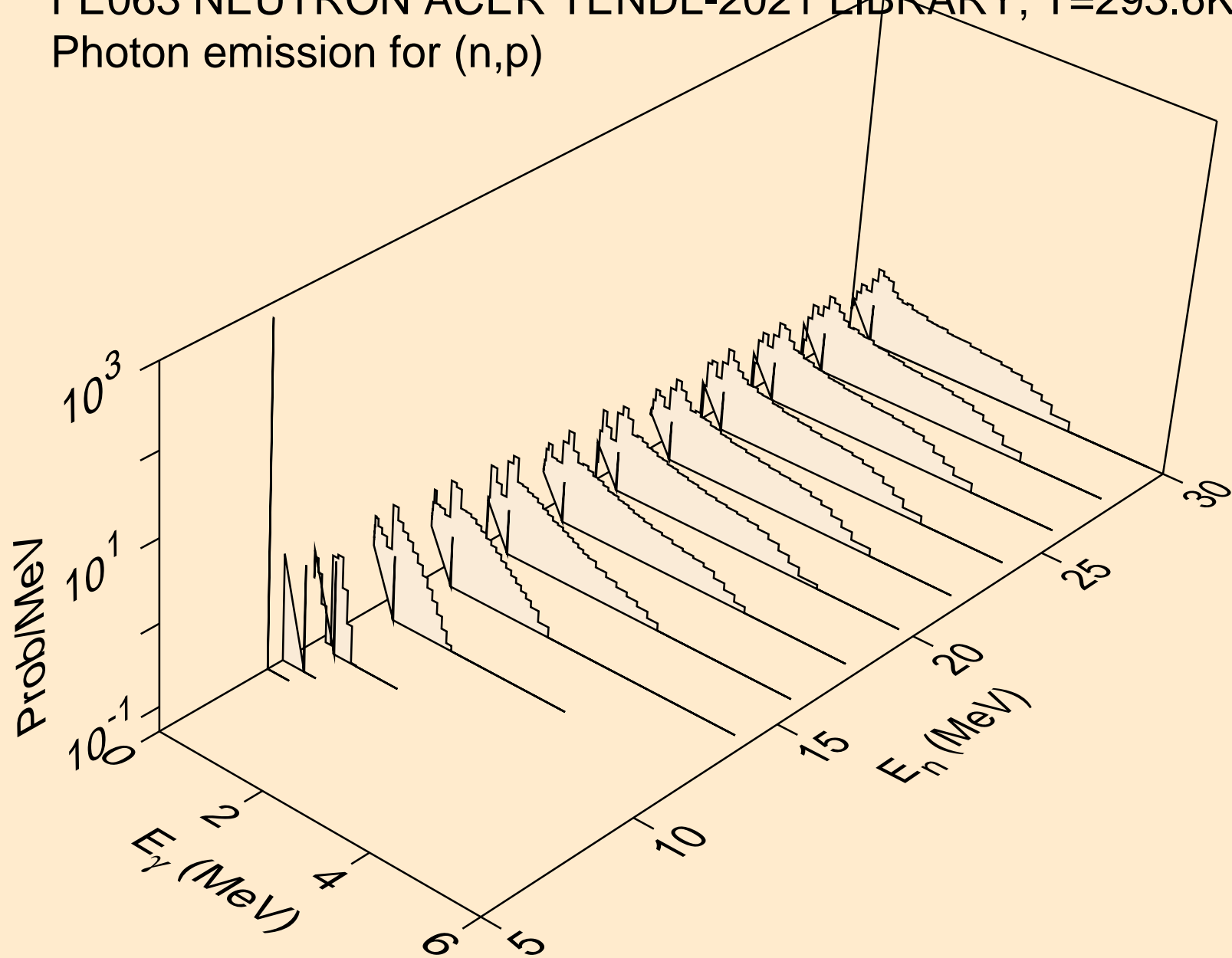
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Photon emission for (n,n\*c)



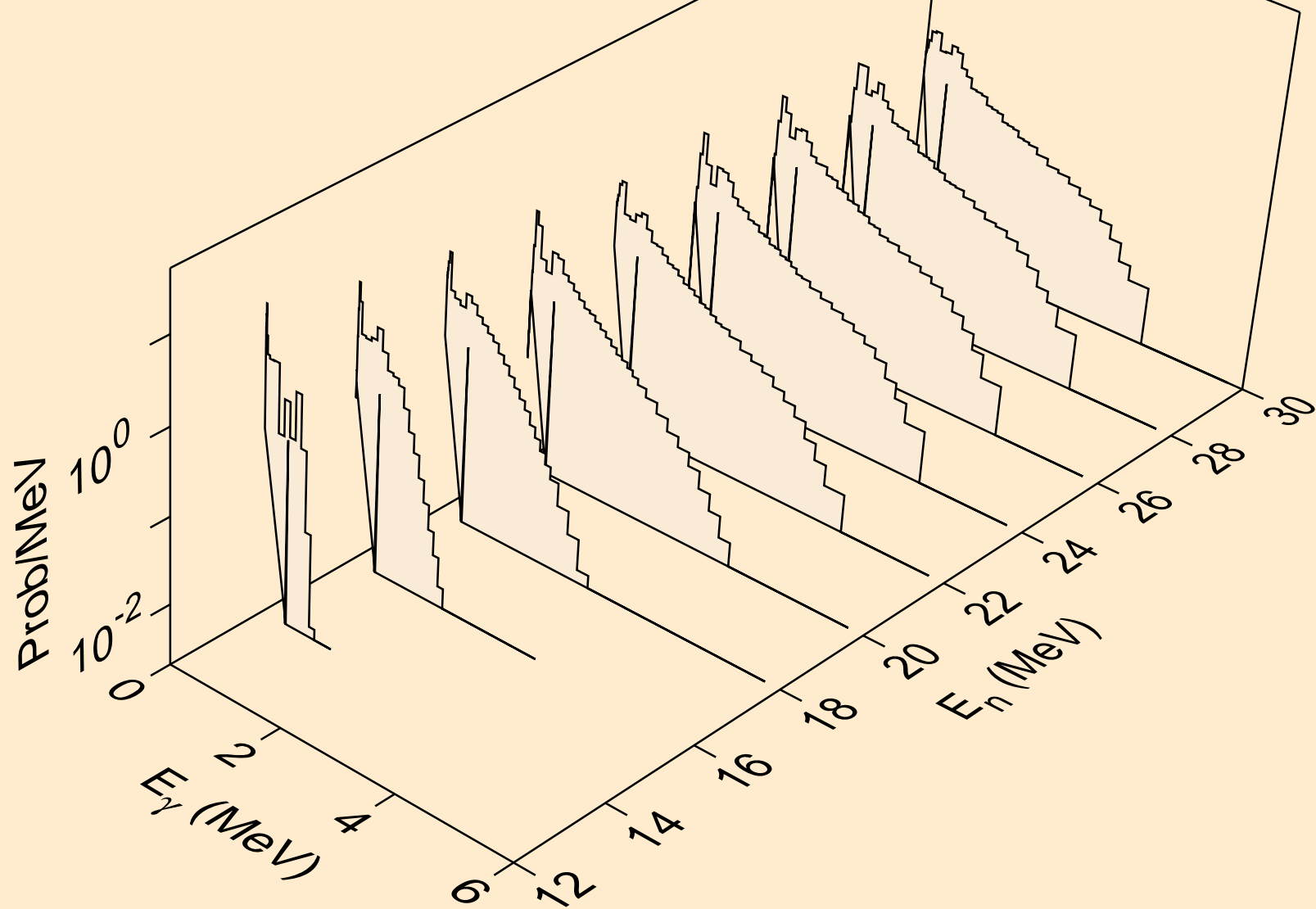
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Photon emission for (n,gma)



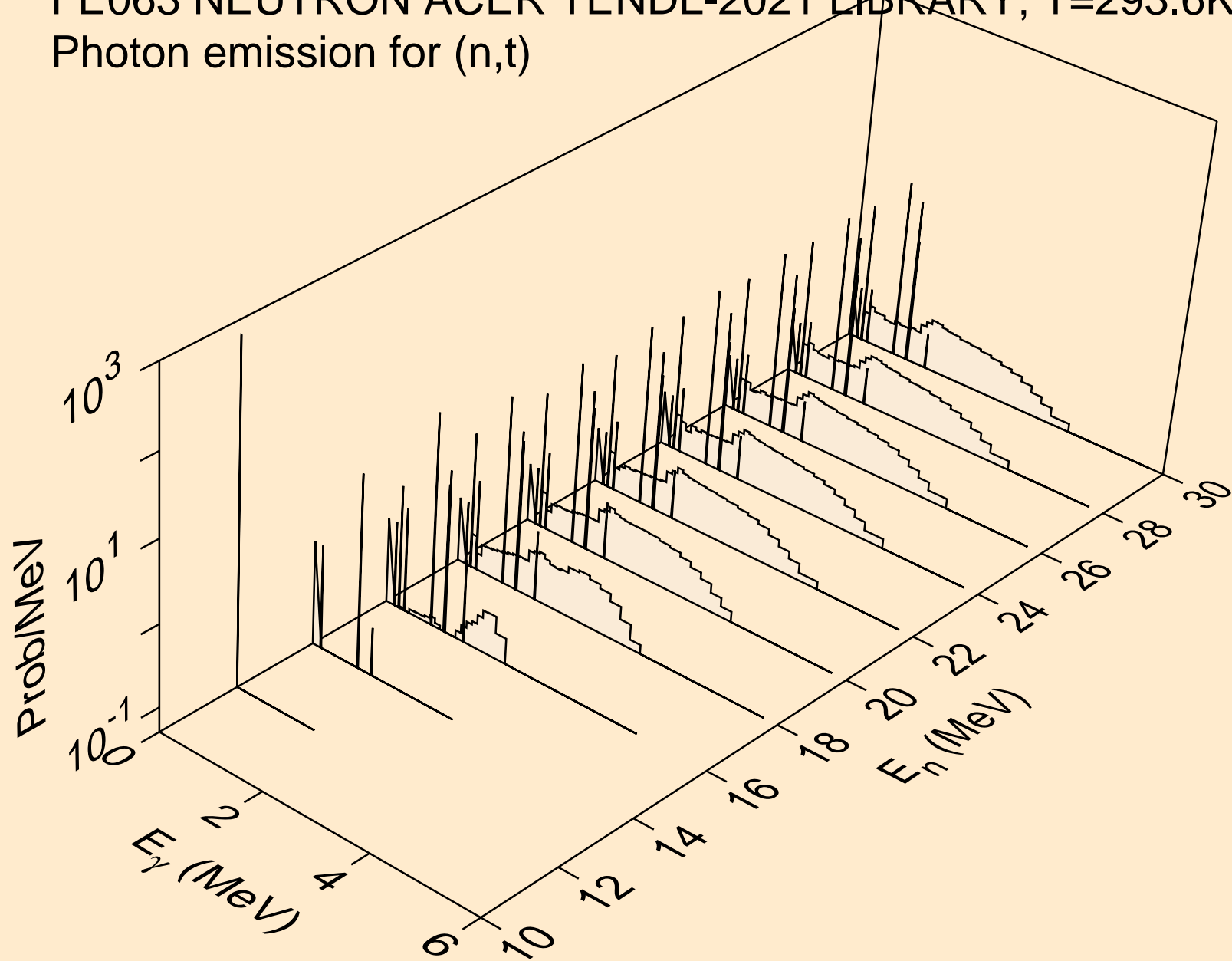
FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p)



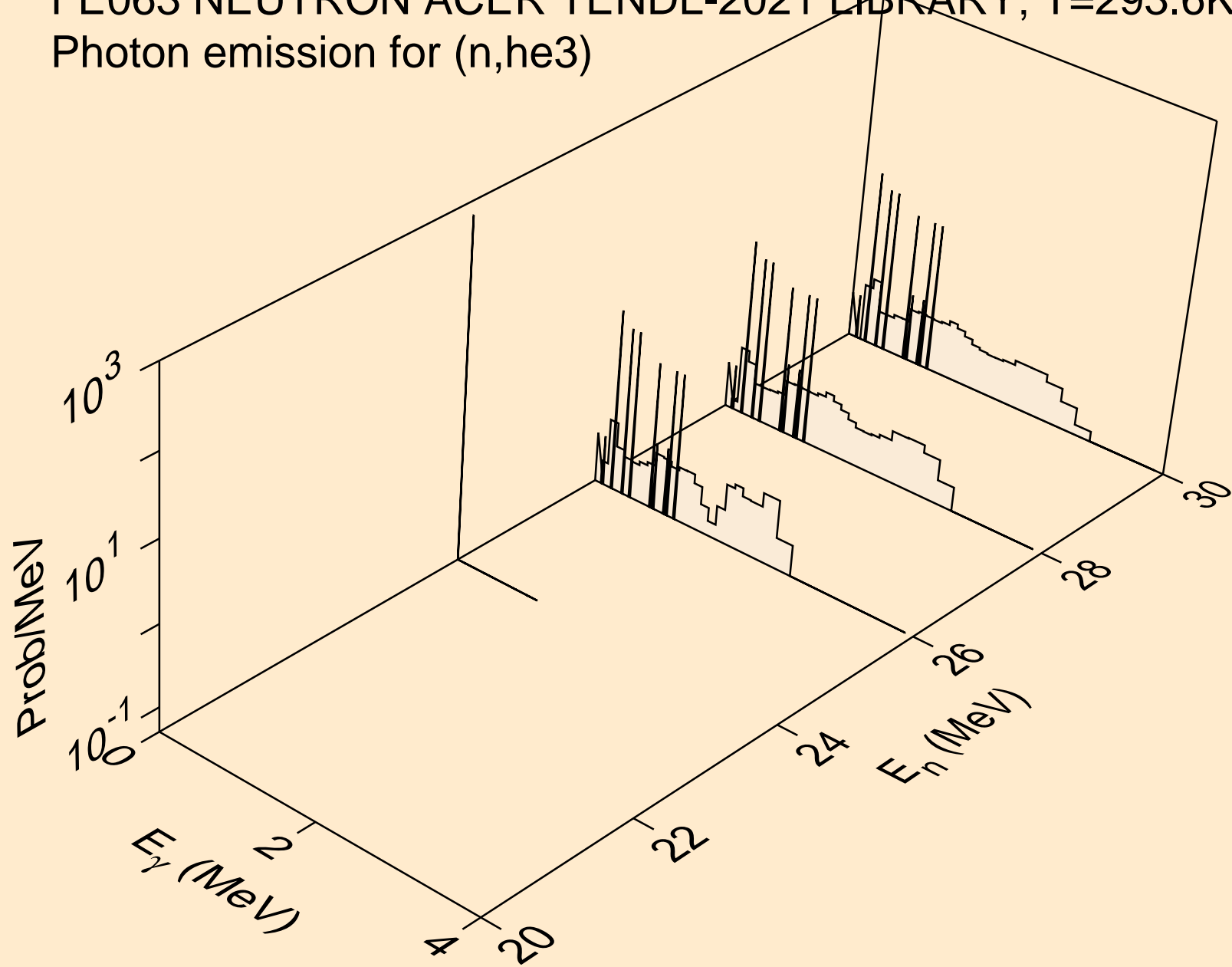
FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,d)



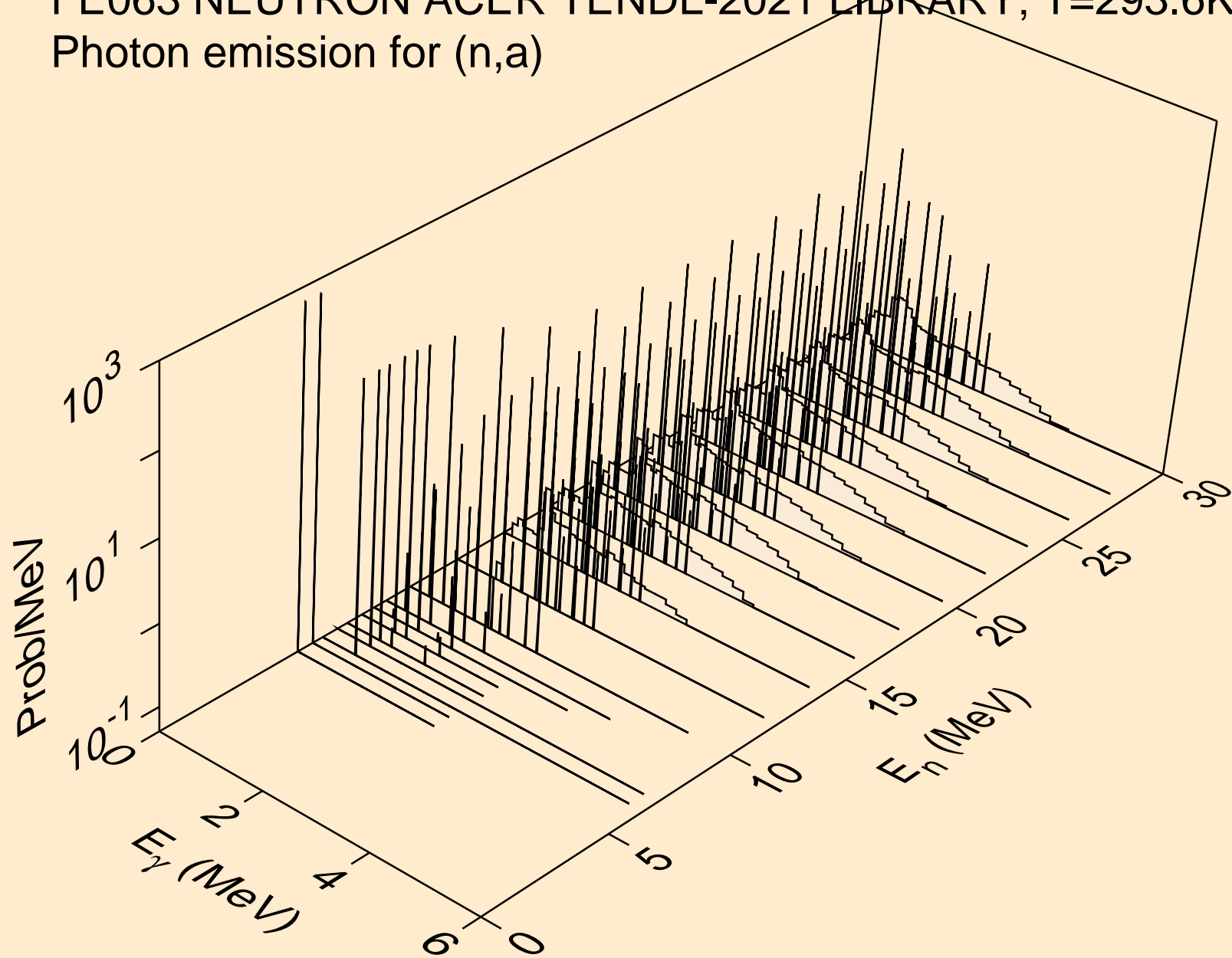
FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,t)



FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,he3)

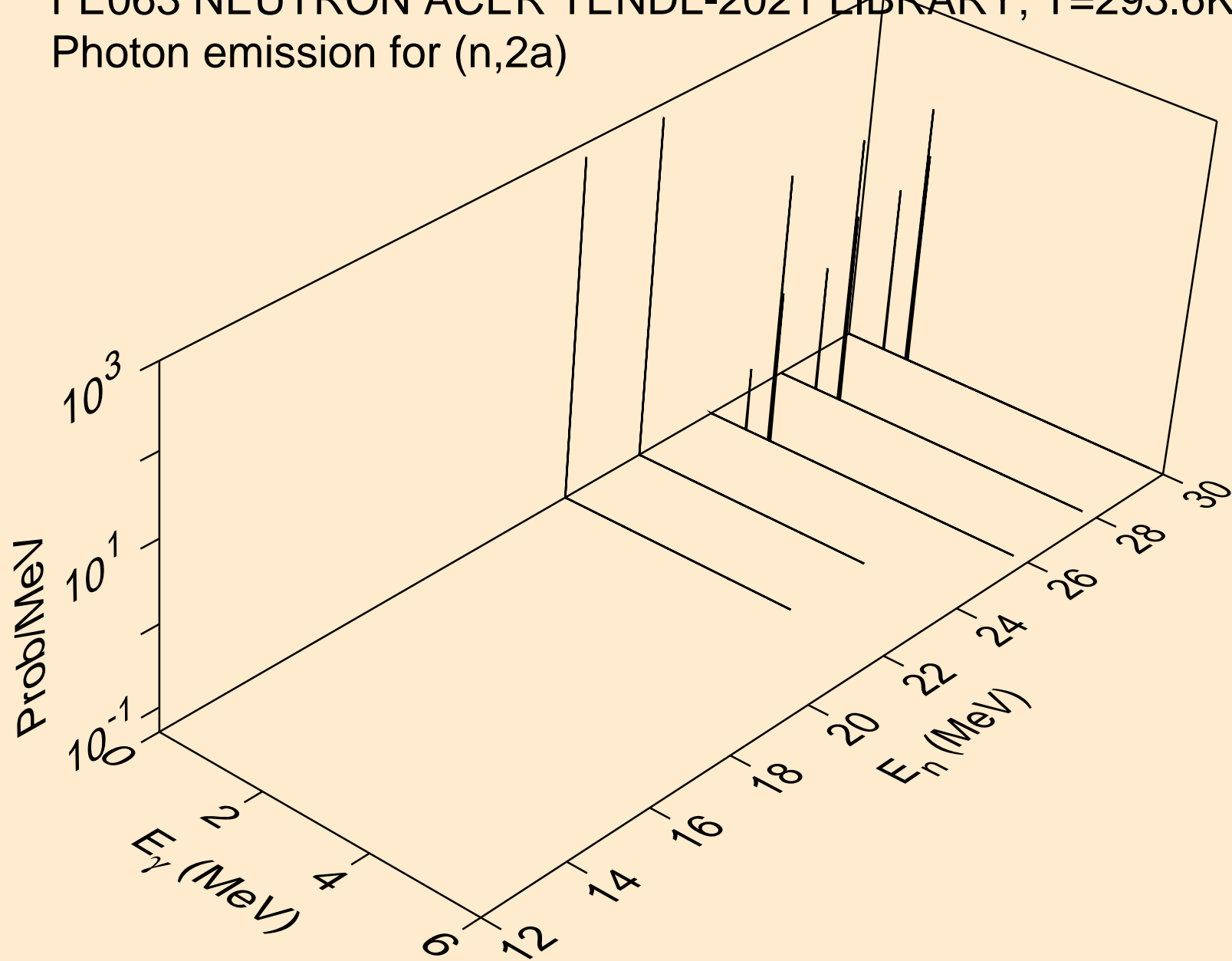


FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,a)

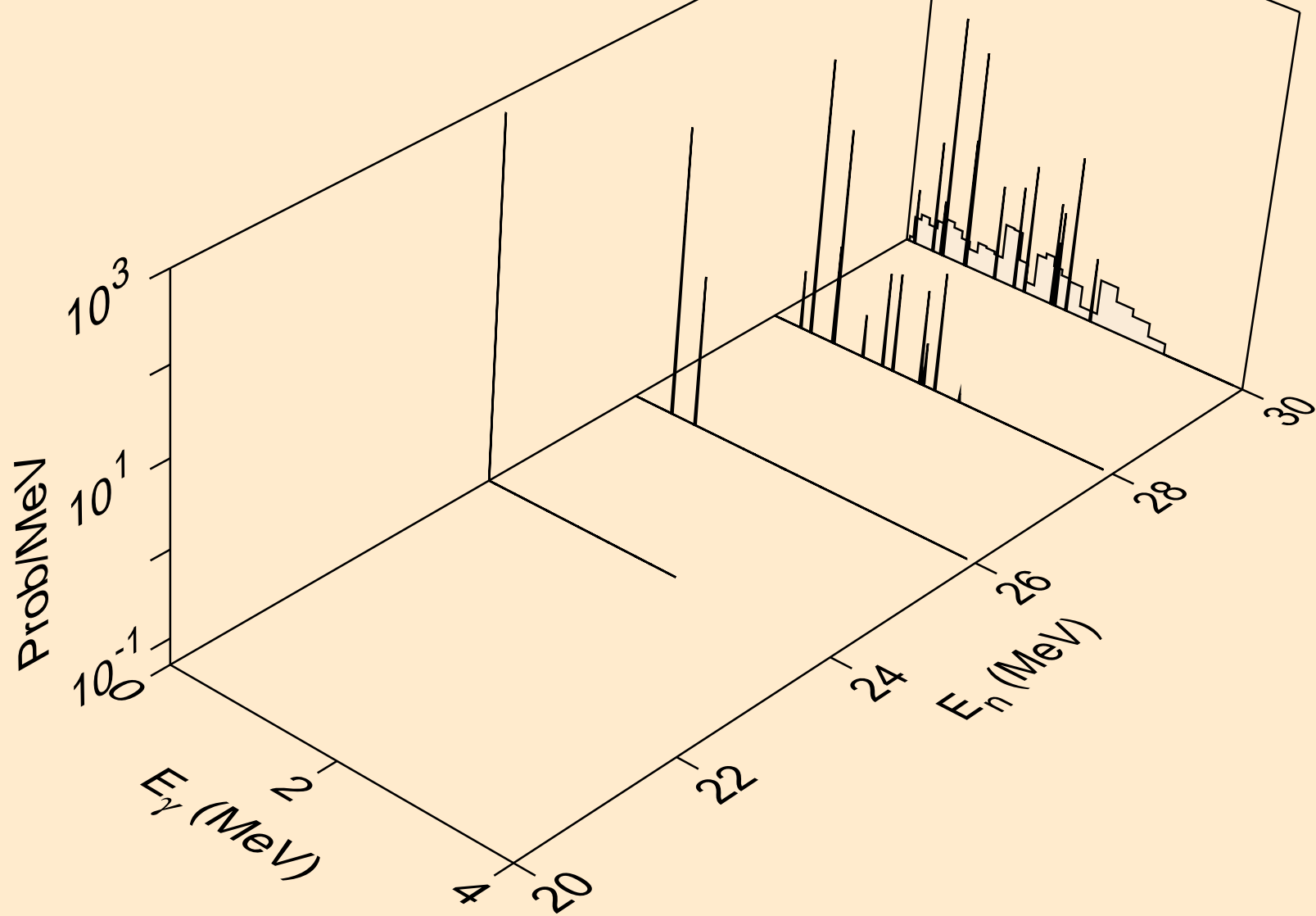




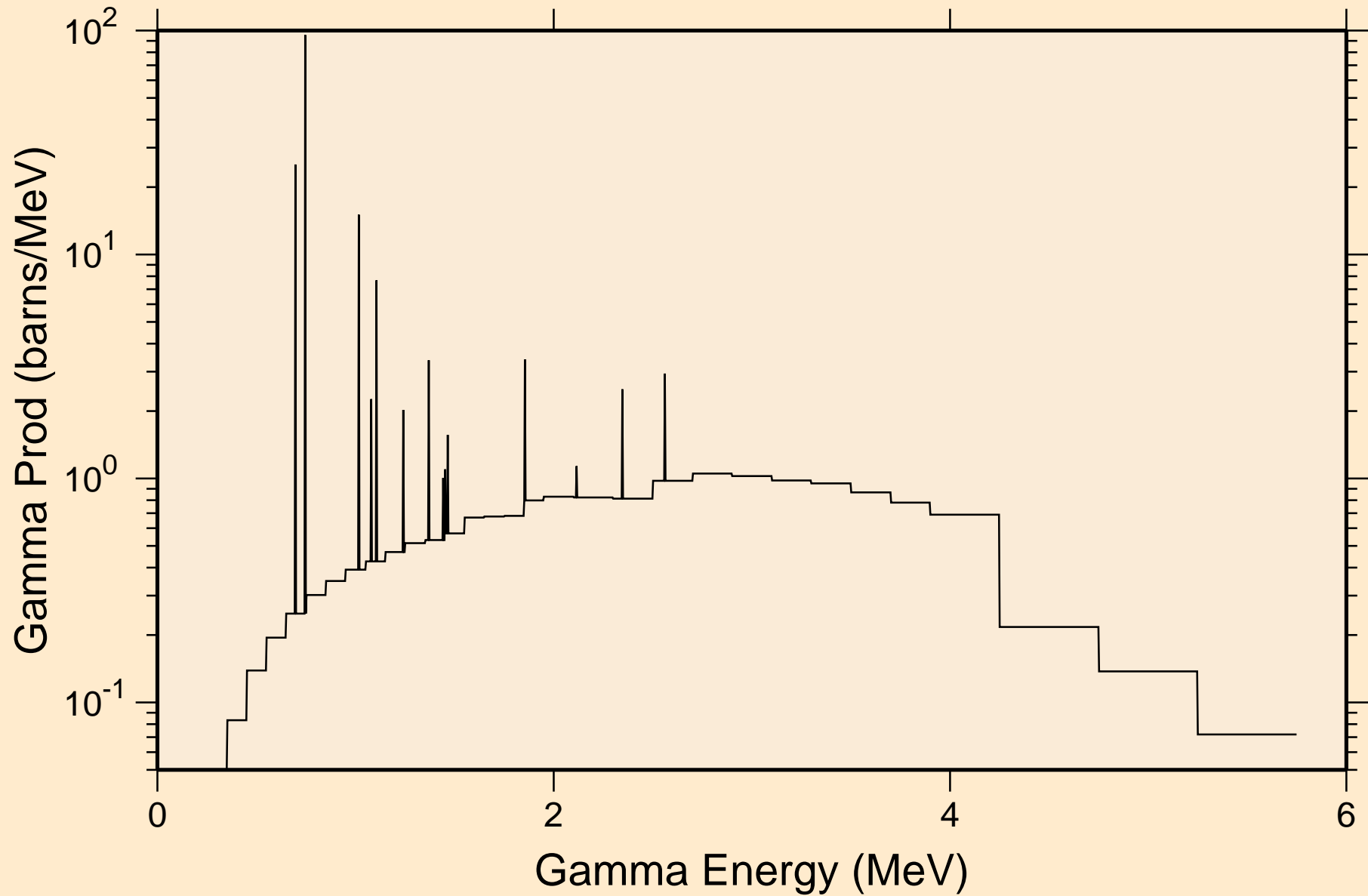
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Photon emission for (n,2a)



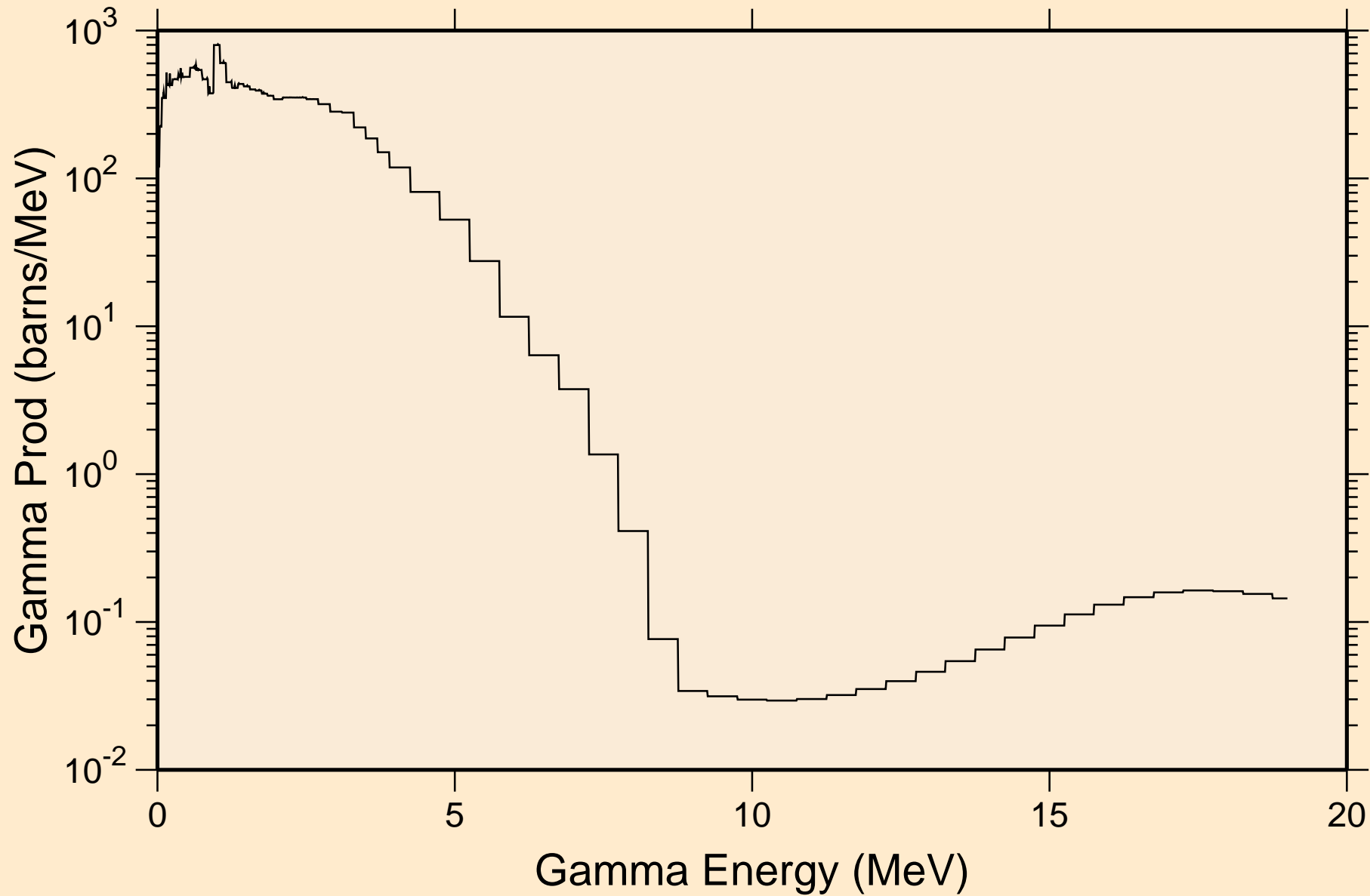
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Photon emission for (n,2p)



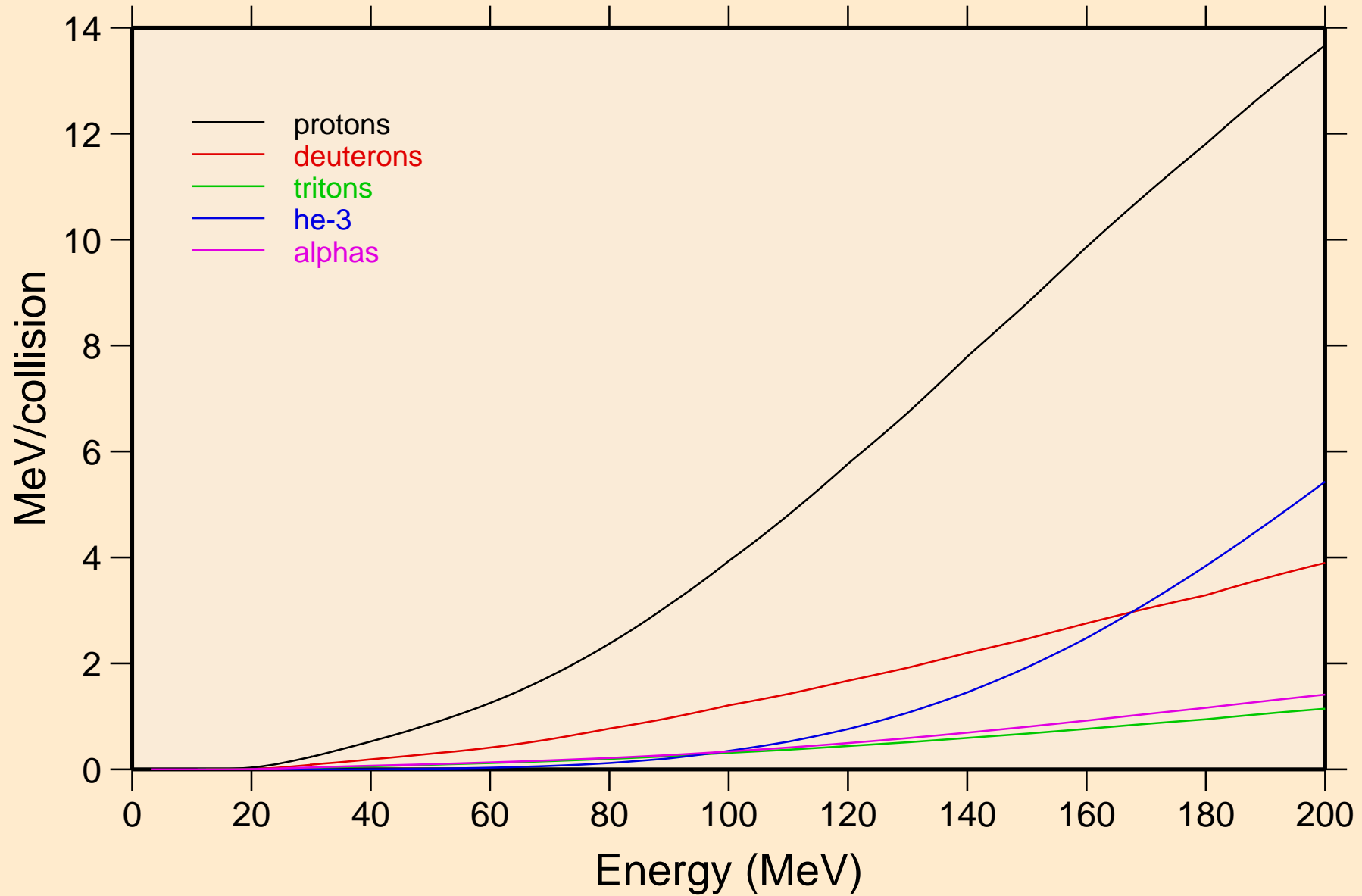
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thermal capture photon spectrum



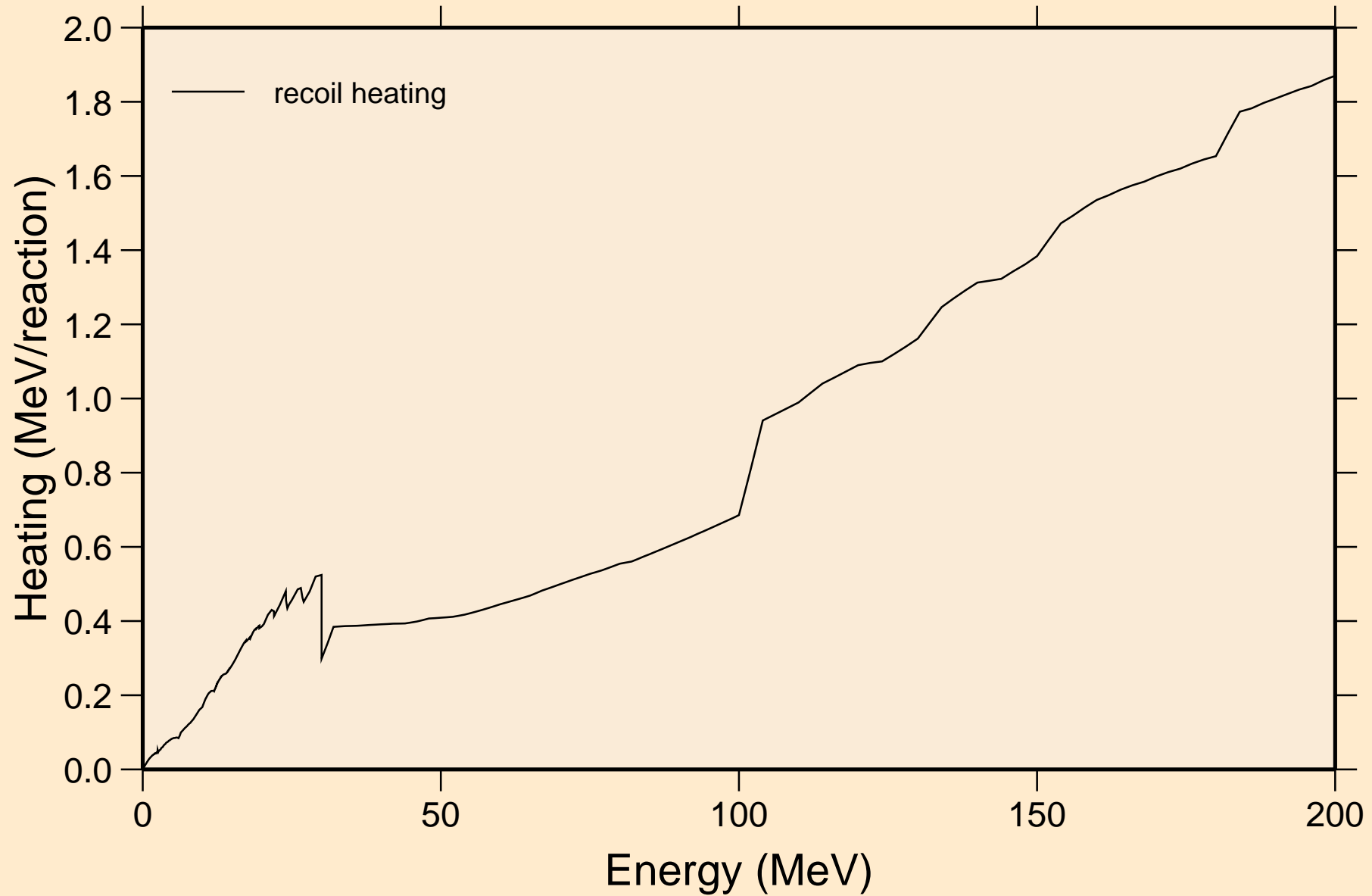
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14 MeV photon spectrum



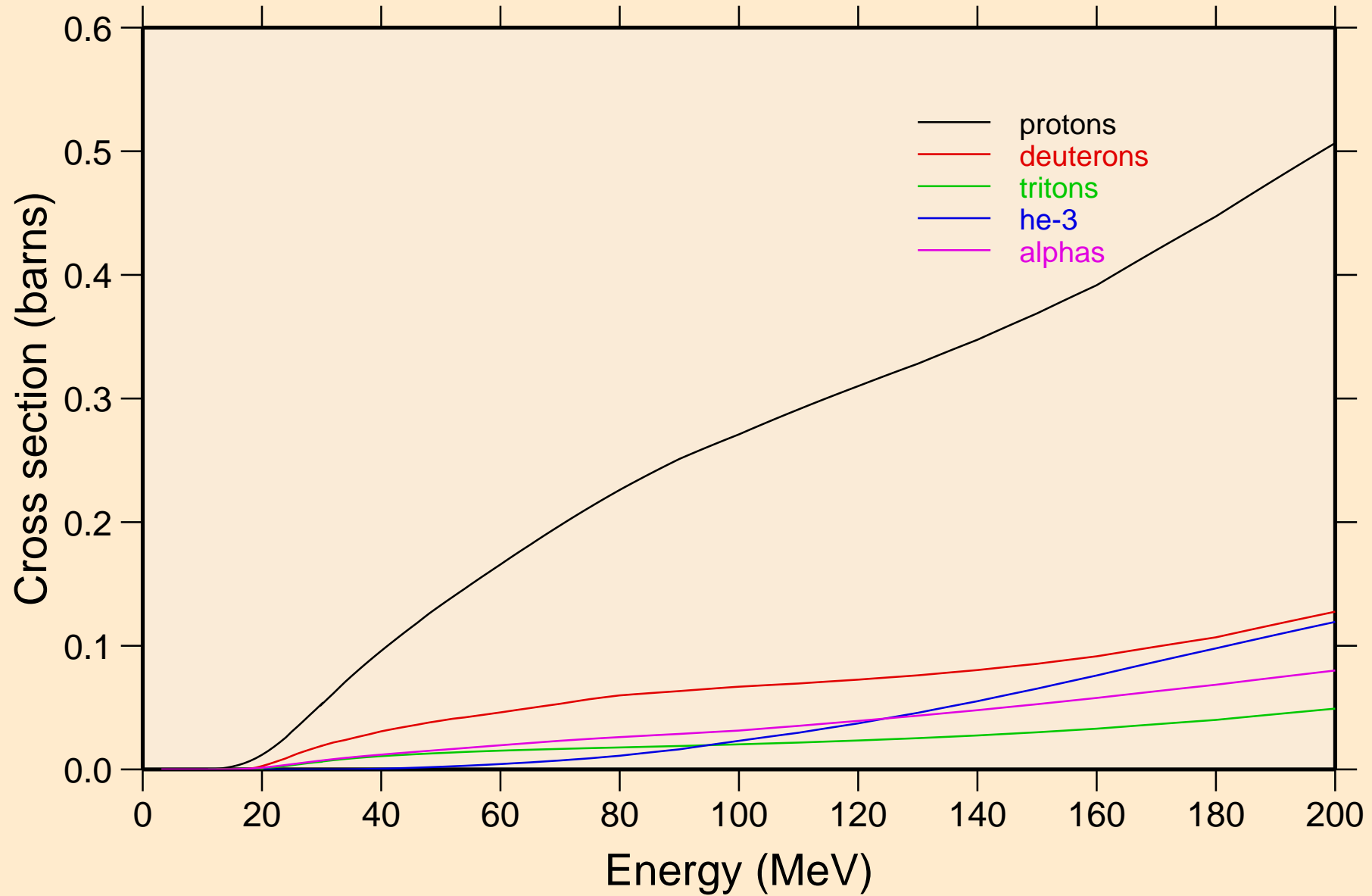
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Particle heating contributions



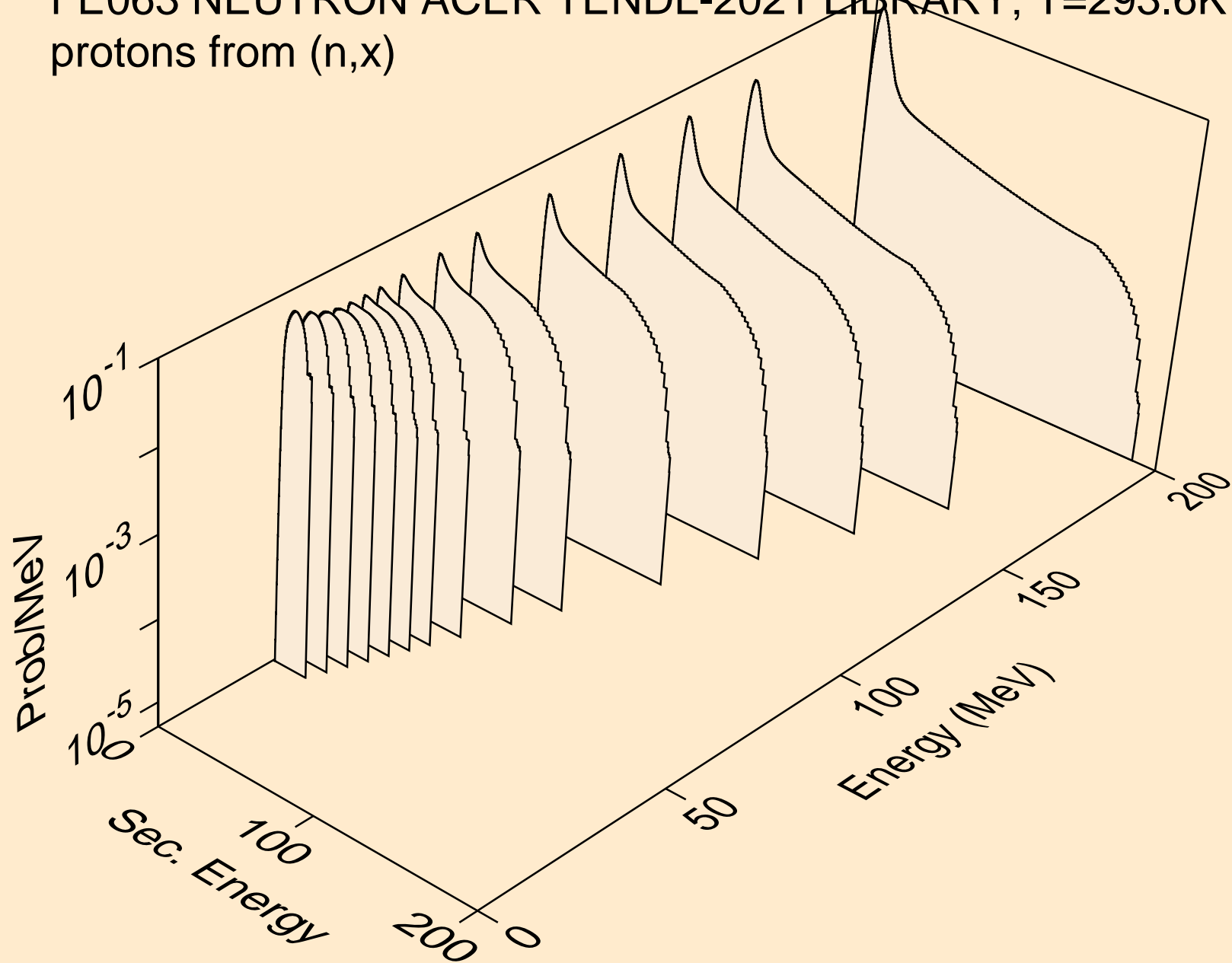
FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Recoil Heating



FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Particle production cross sections

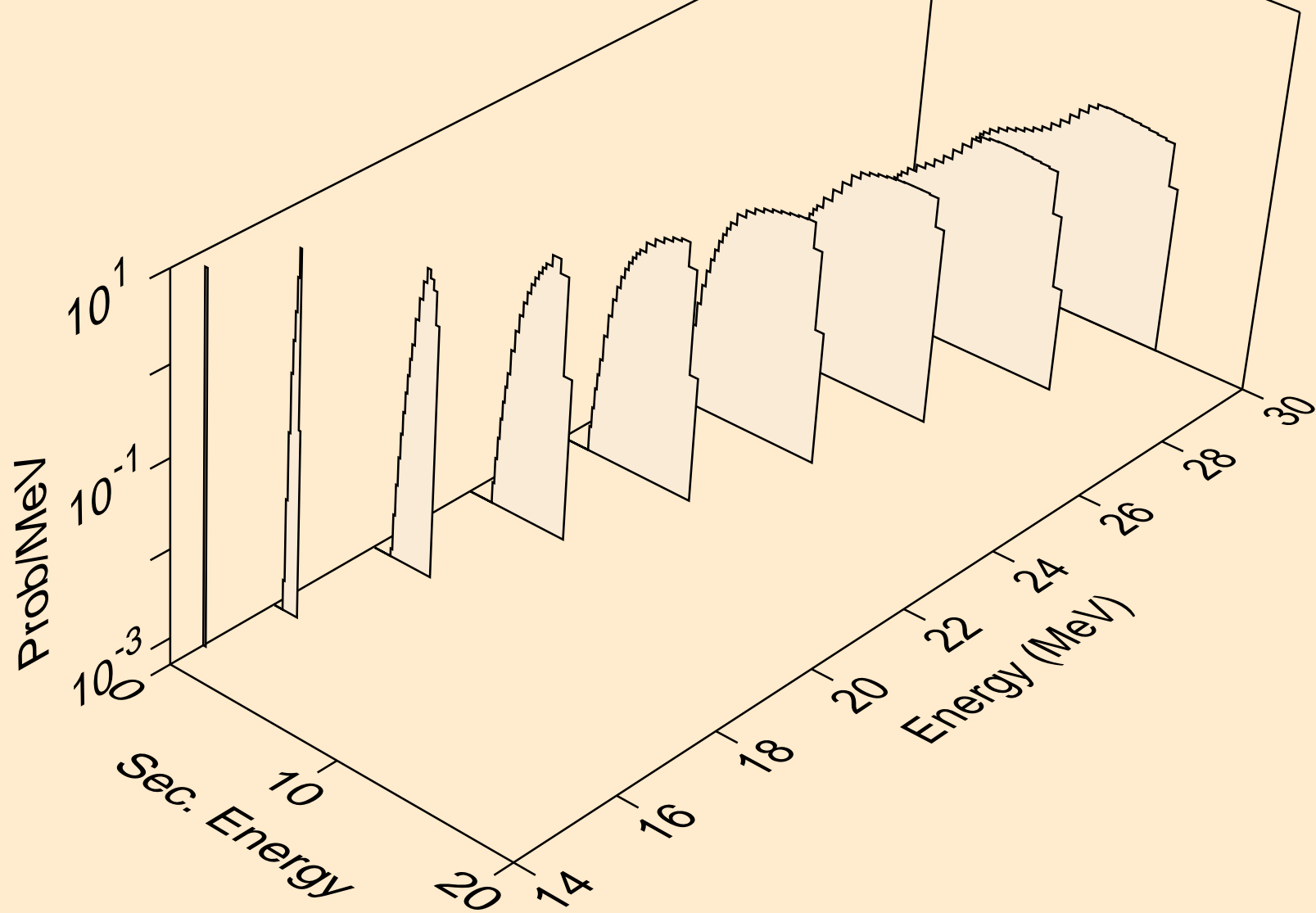


FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)

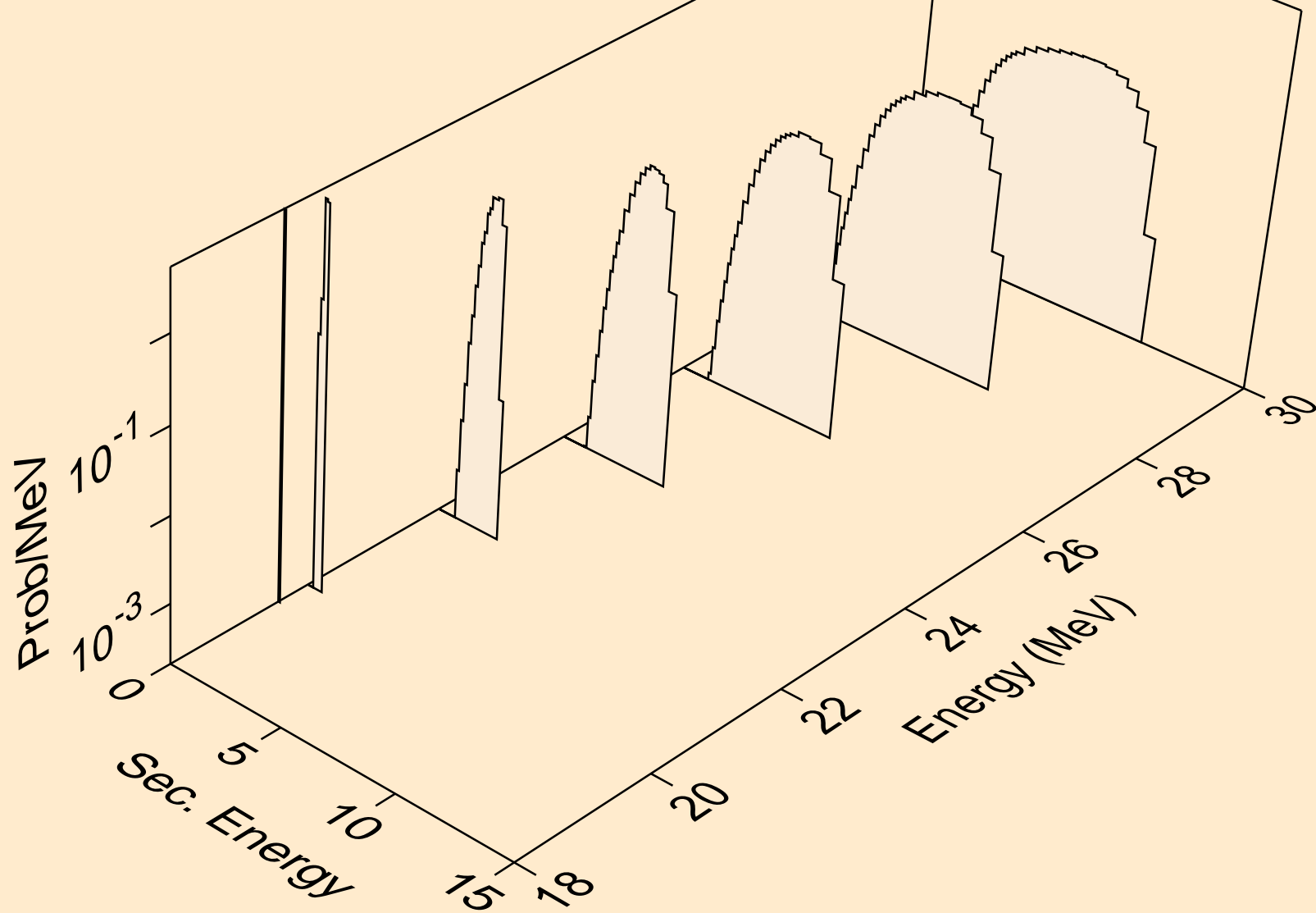




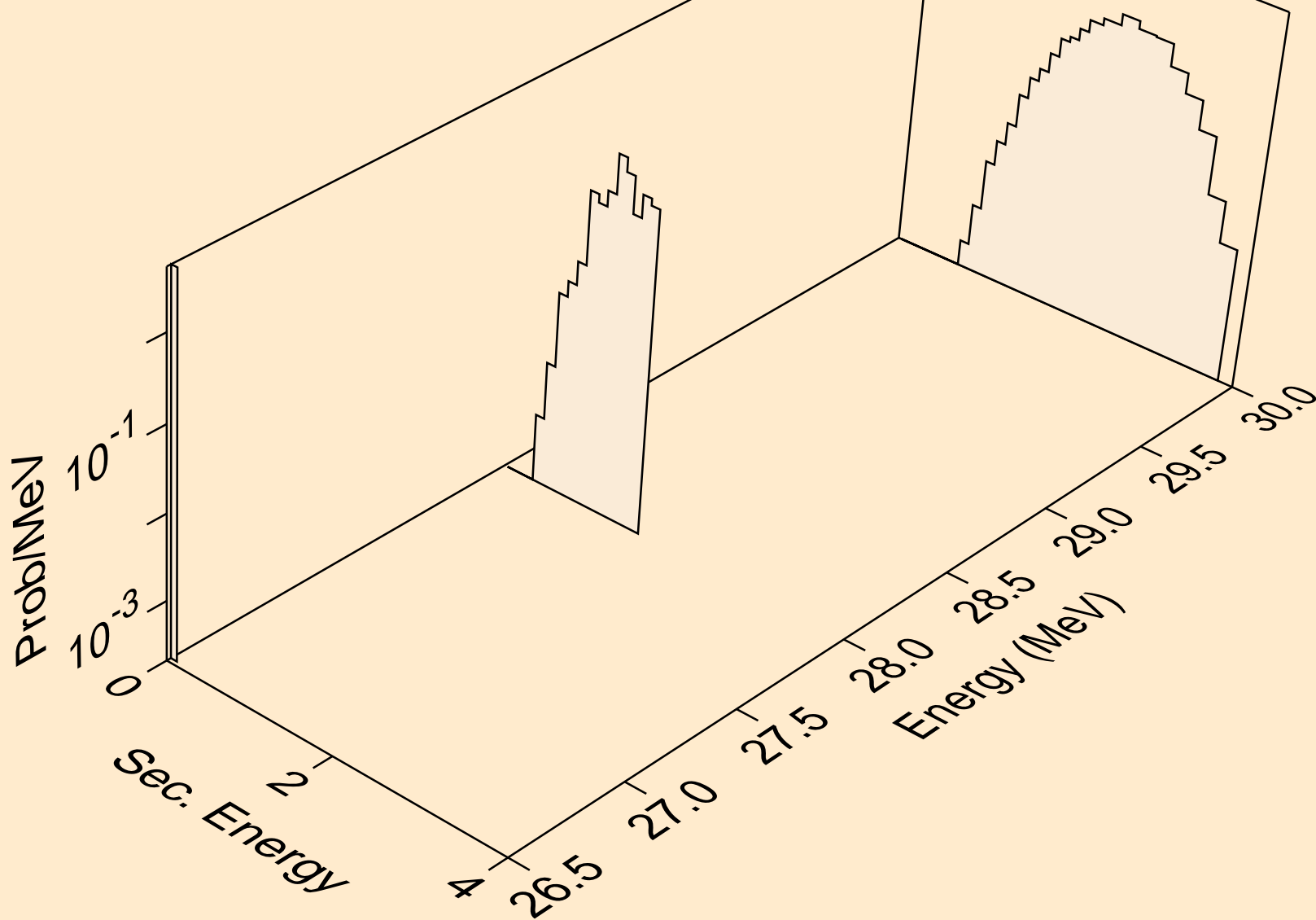
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protons from (n,n\*)p



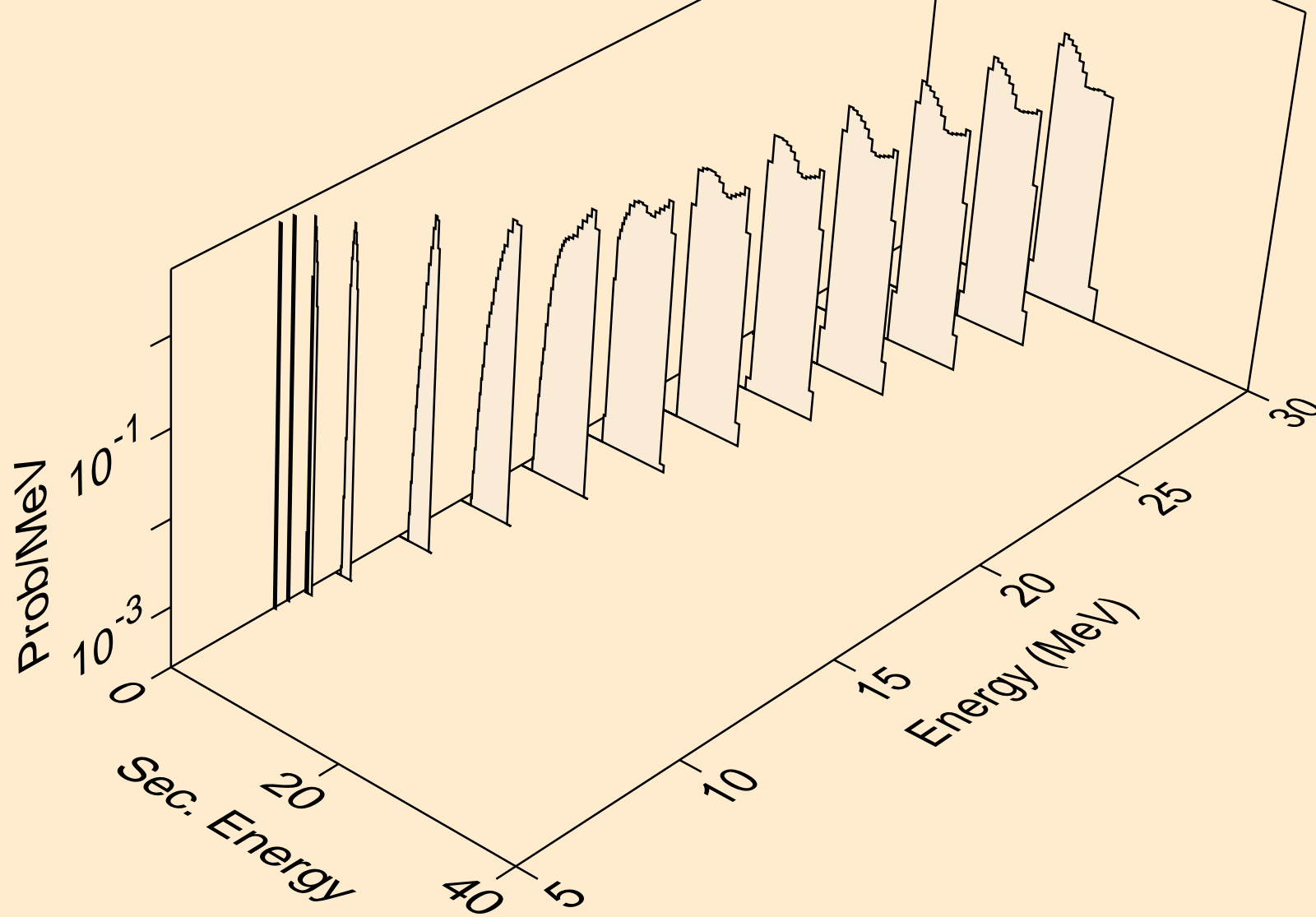
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protons from (n,2np)



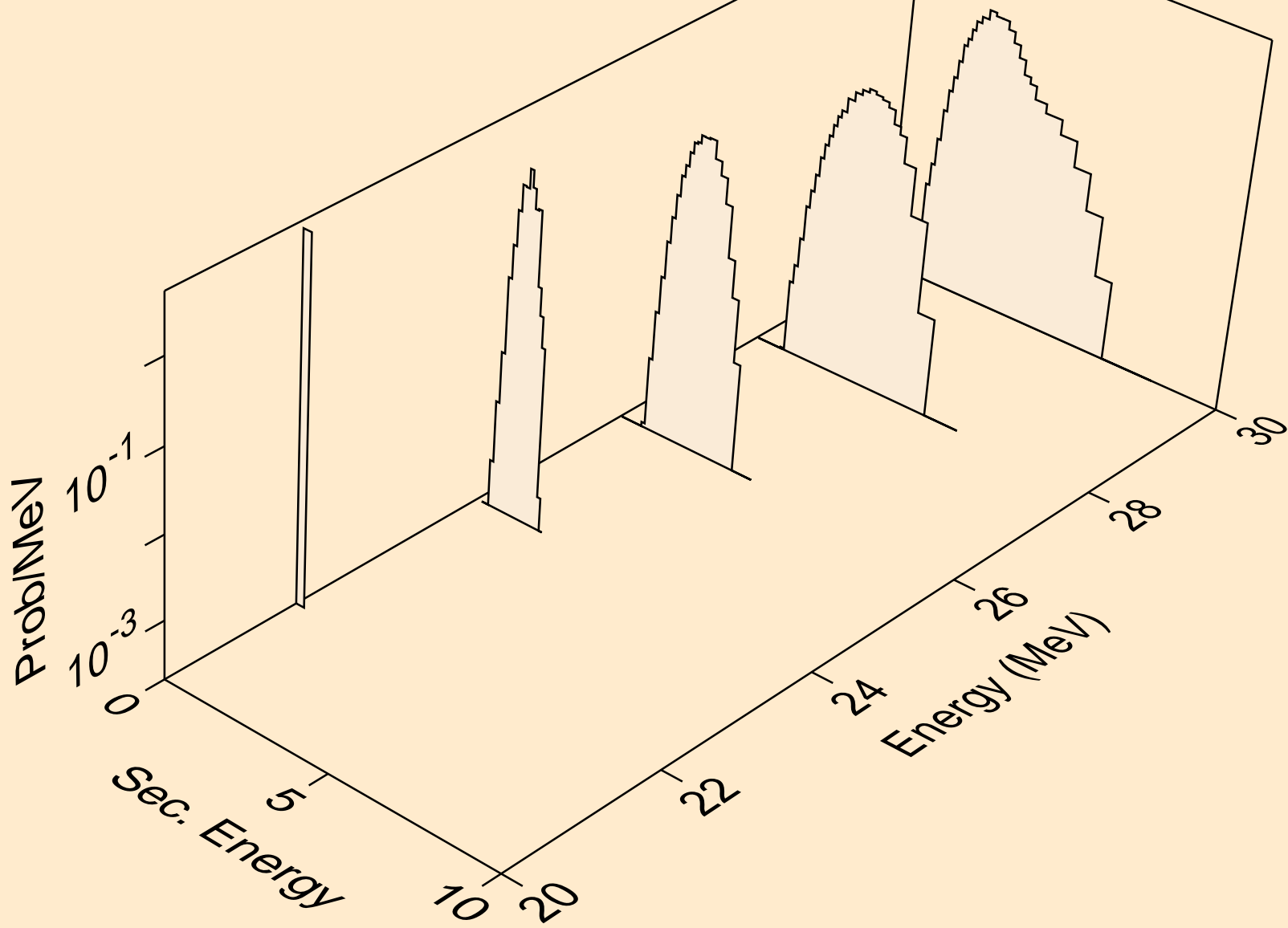
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protons from (n,3np)



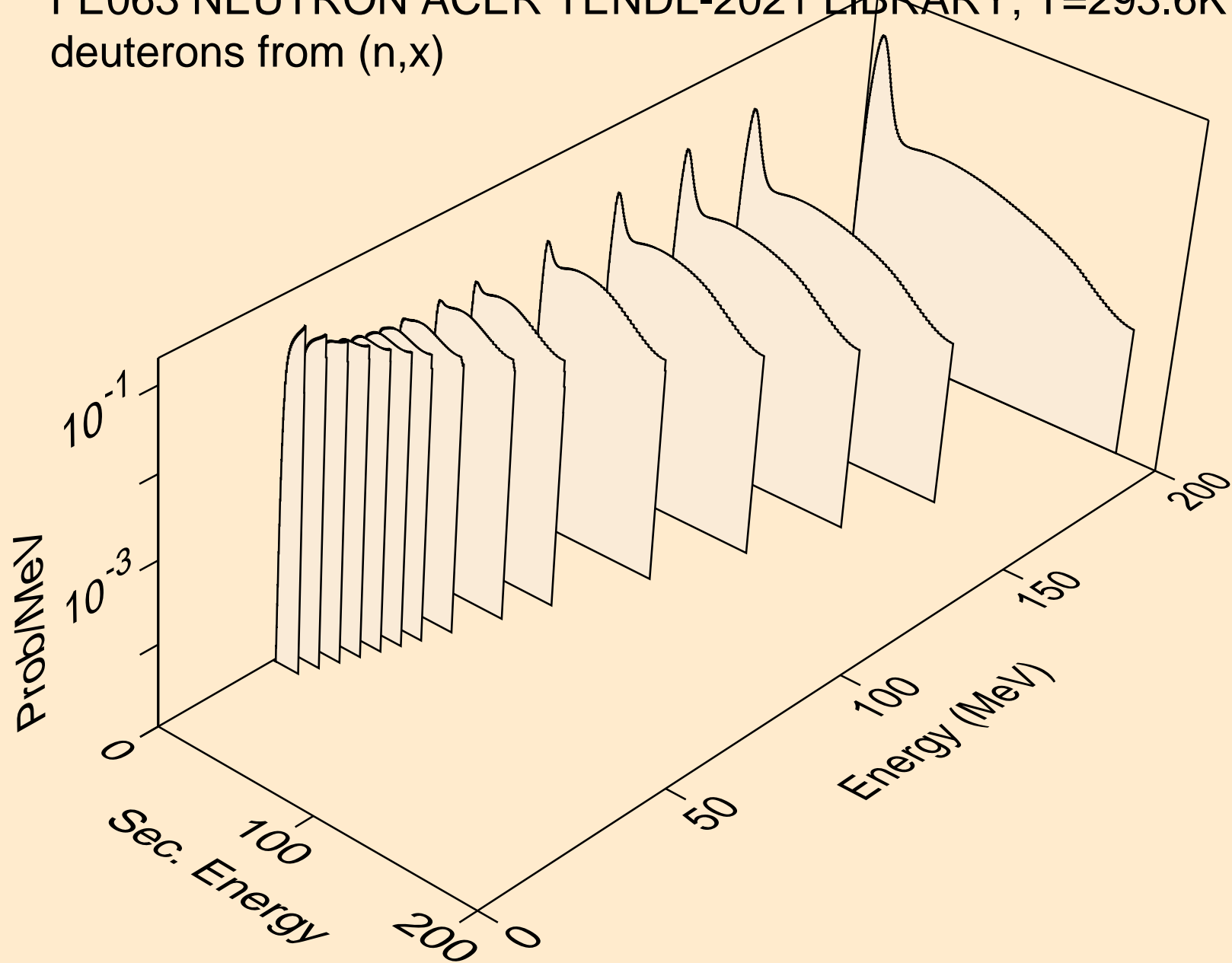
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protons from (n,p)



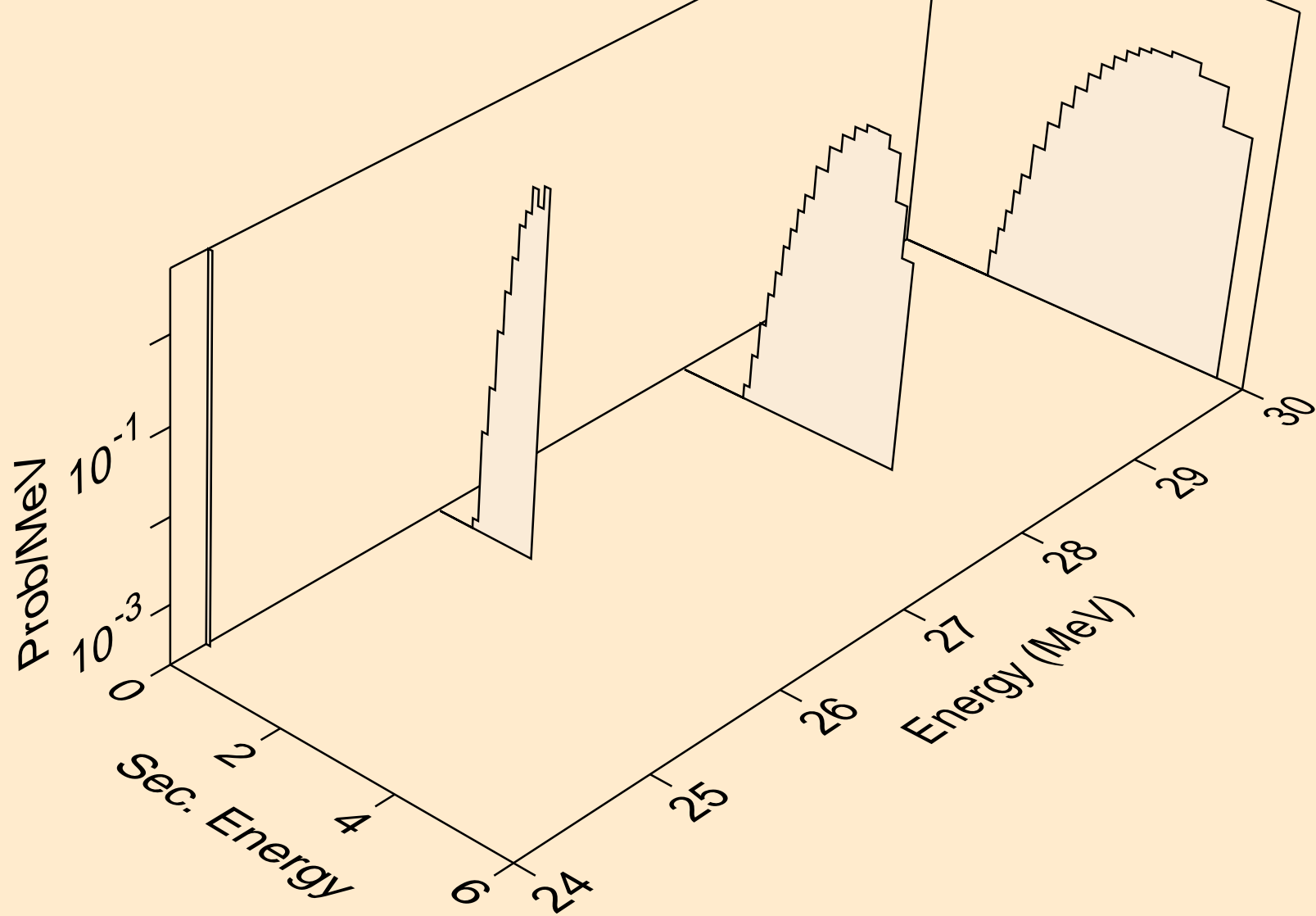
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protons from (n,2p)



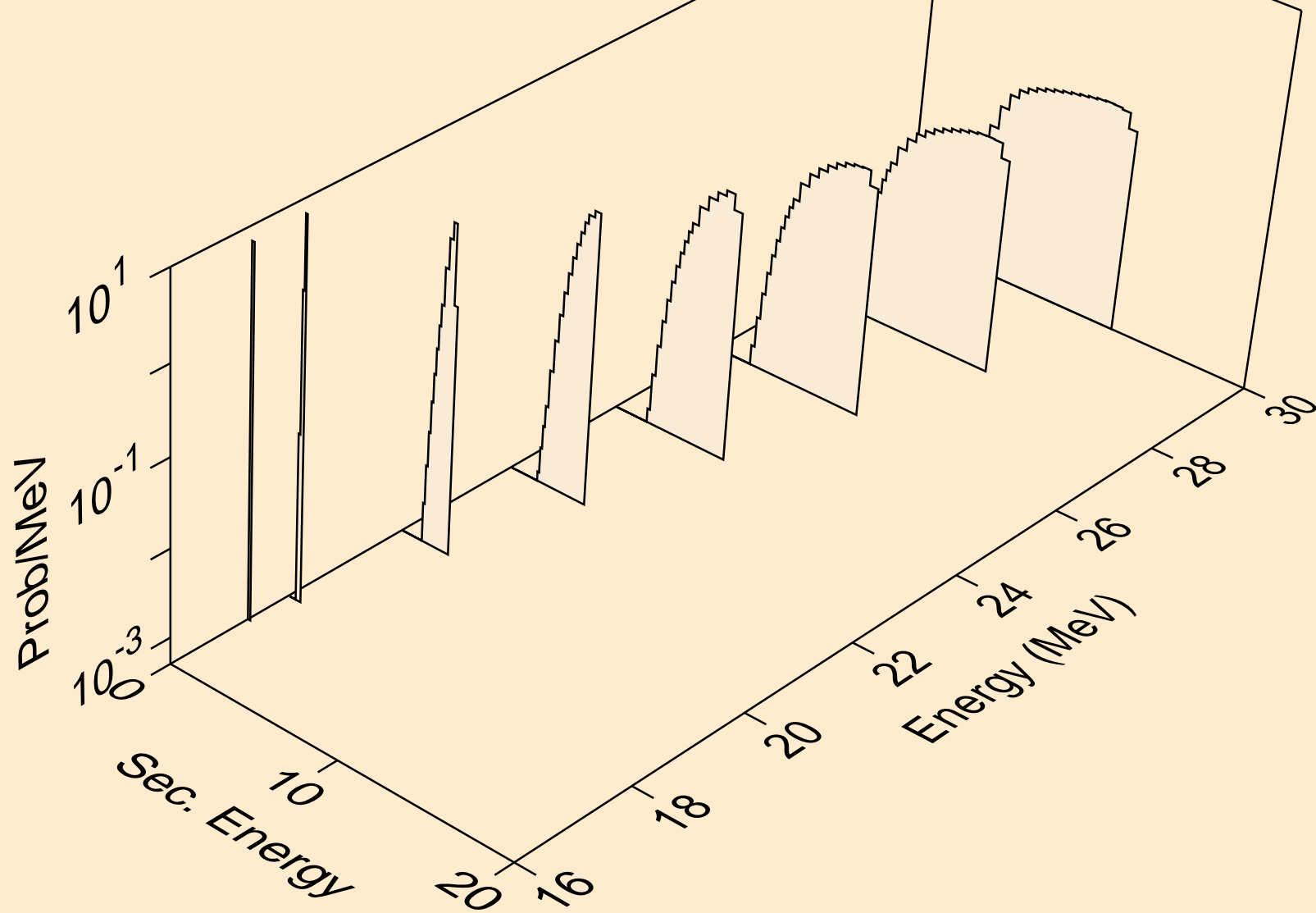
FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,x)



FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,2nd)

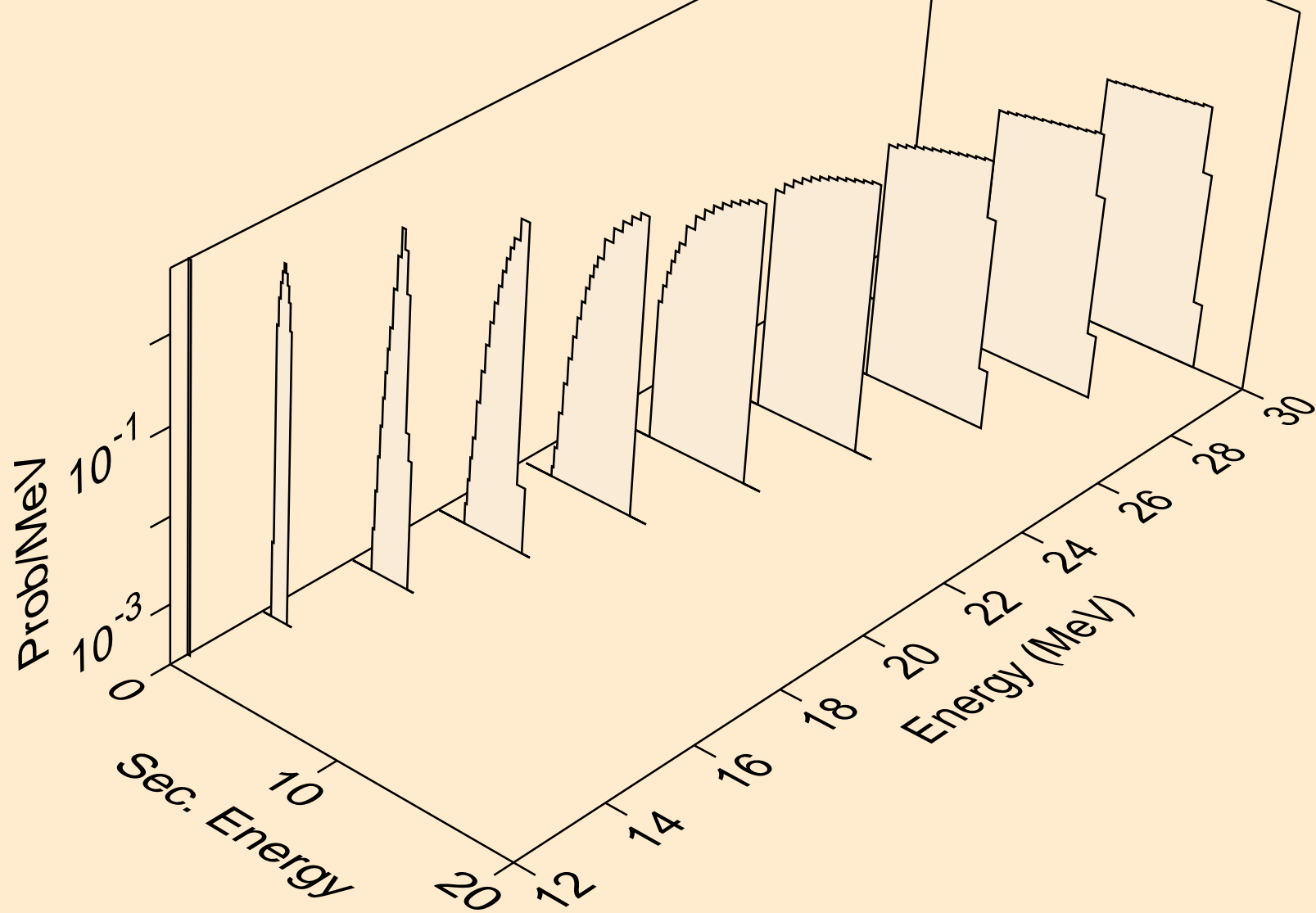


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deuterons from (n,n\*)d

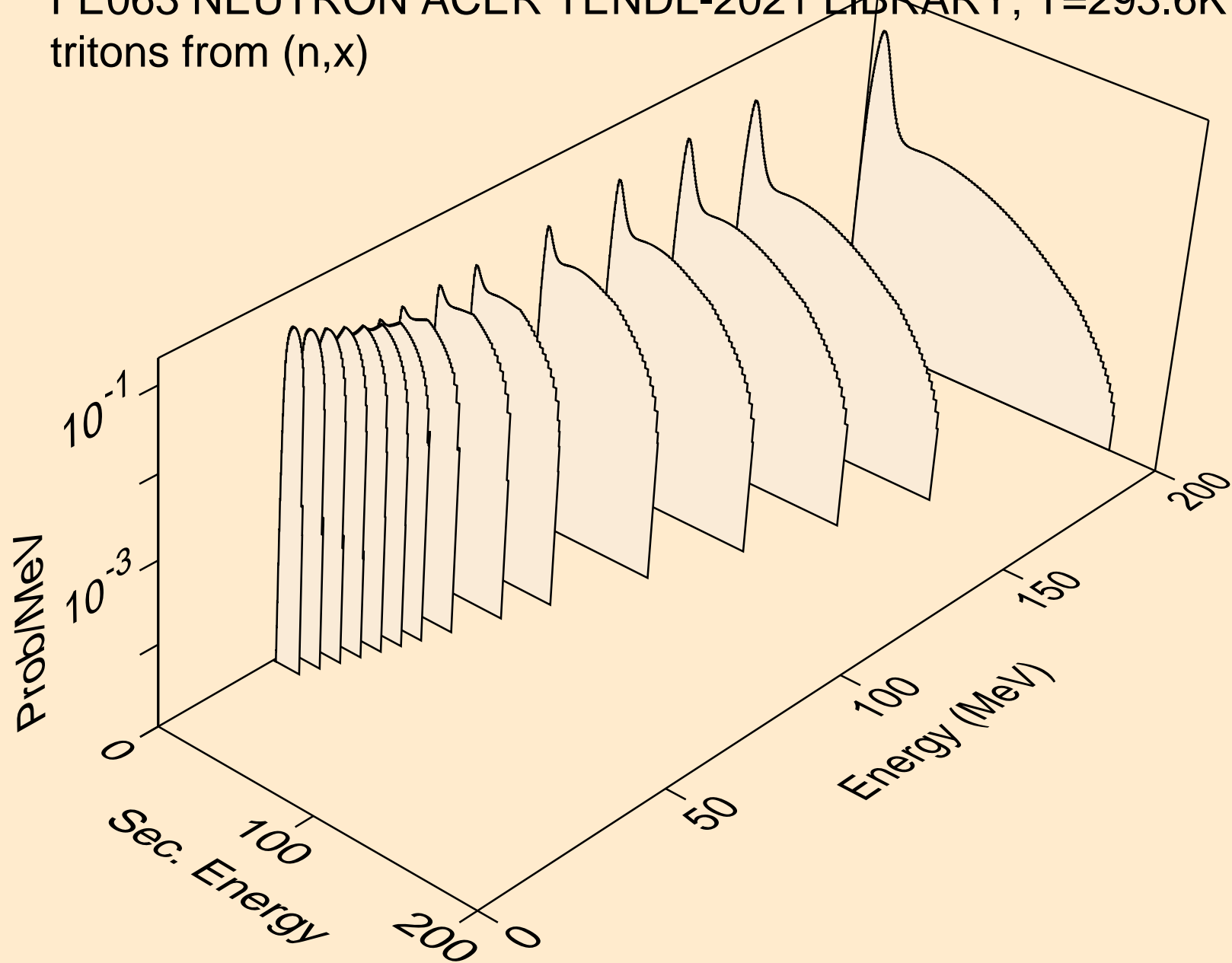




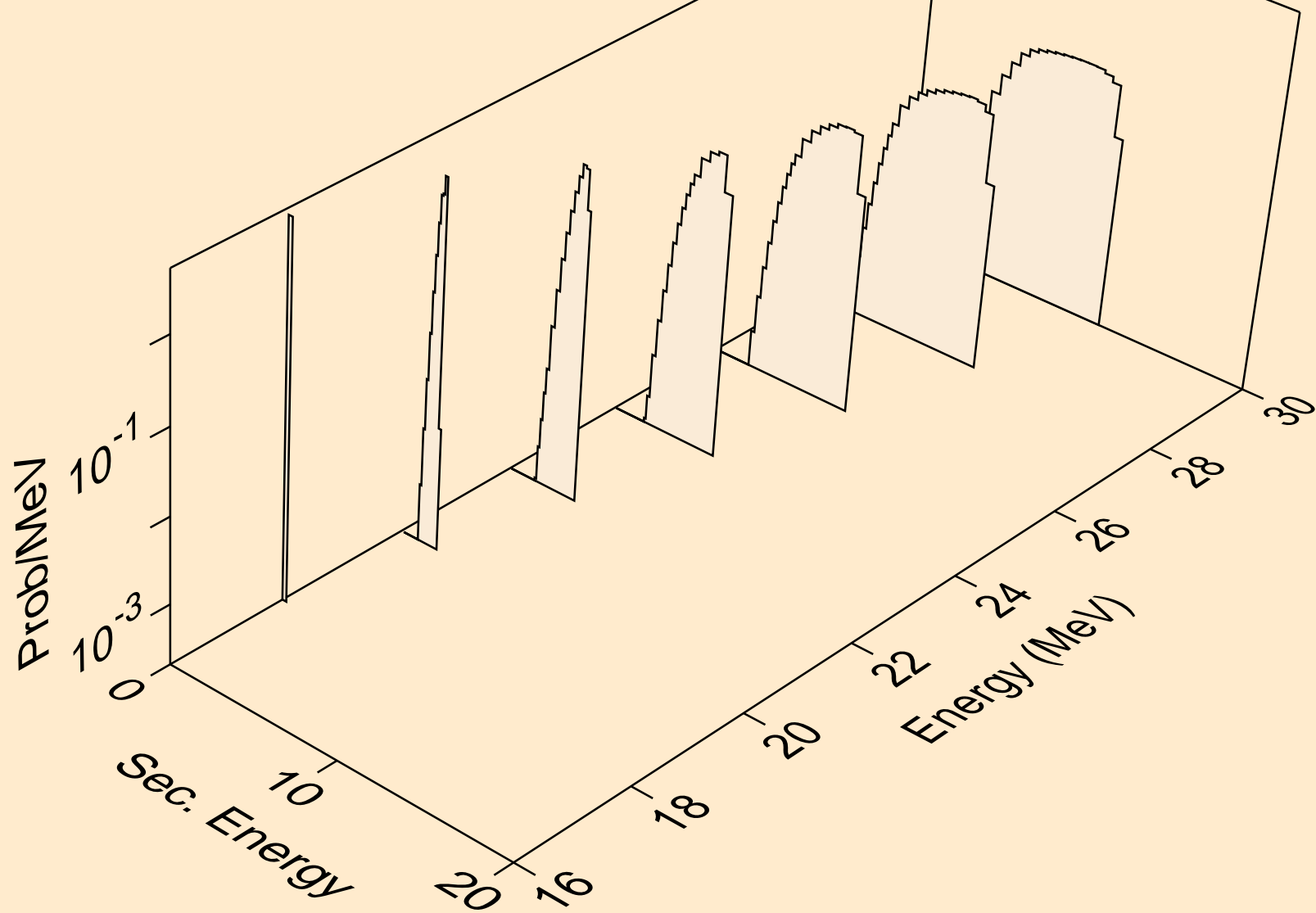
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deuterons from (n,d)



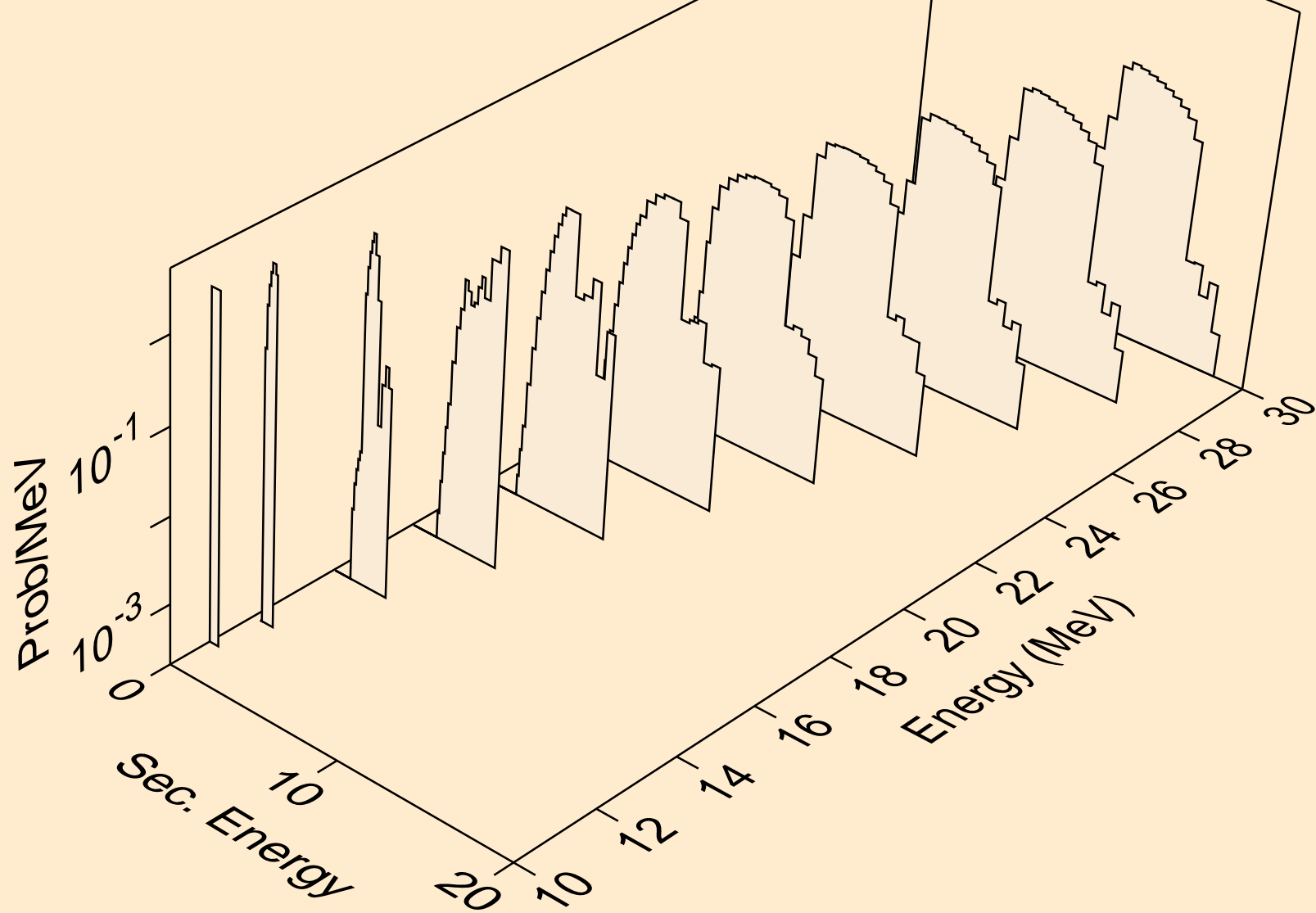
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tritons from (n,x)



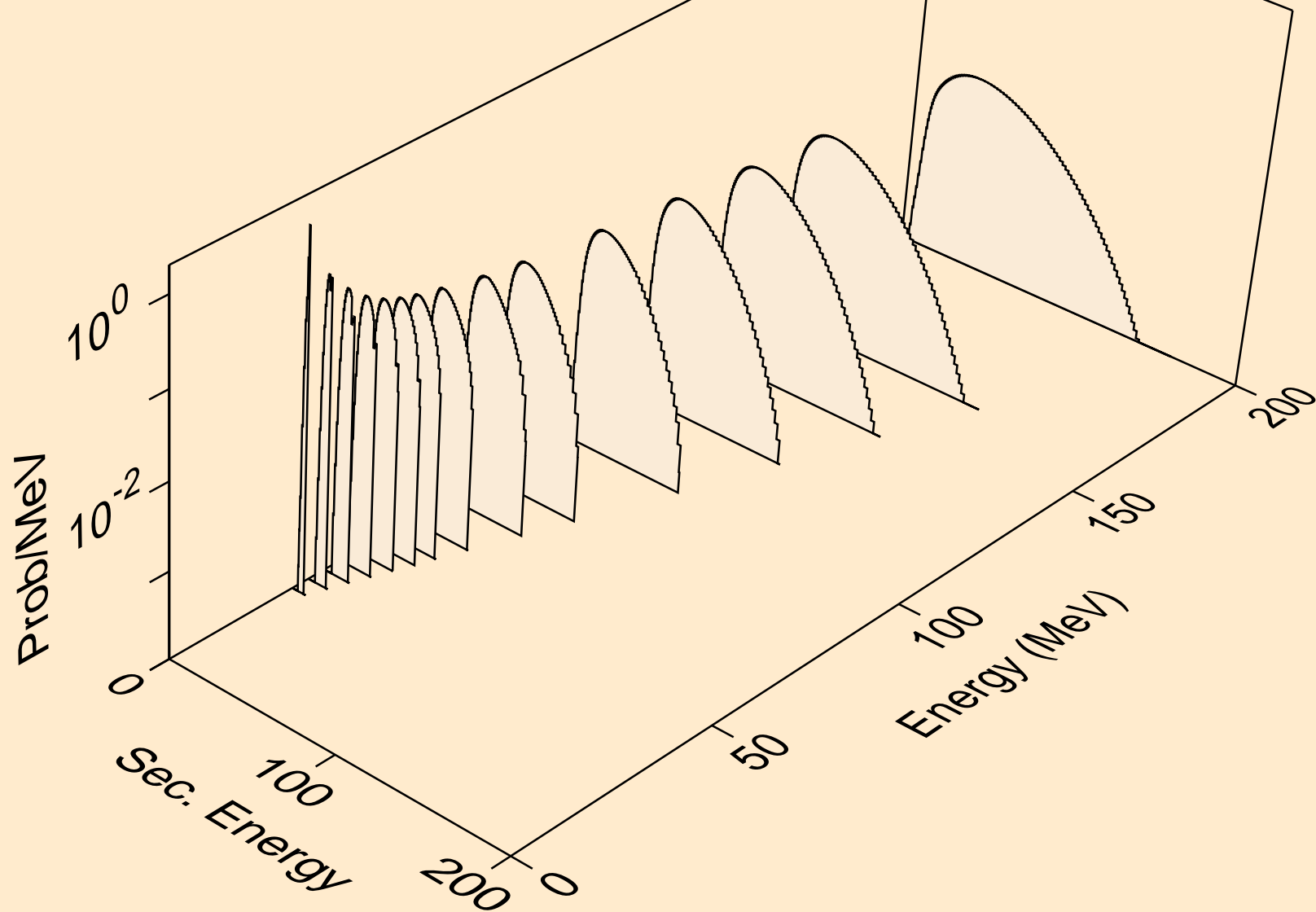
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tritons from (n,n\*)t



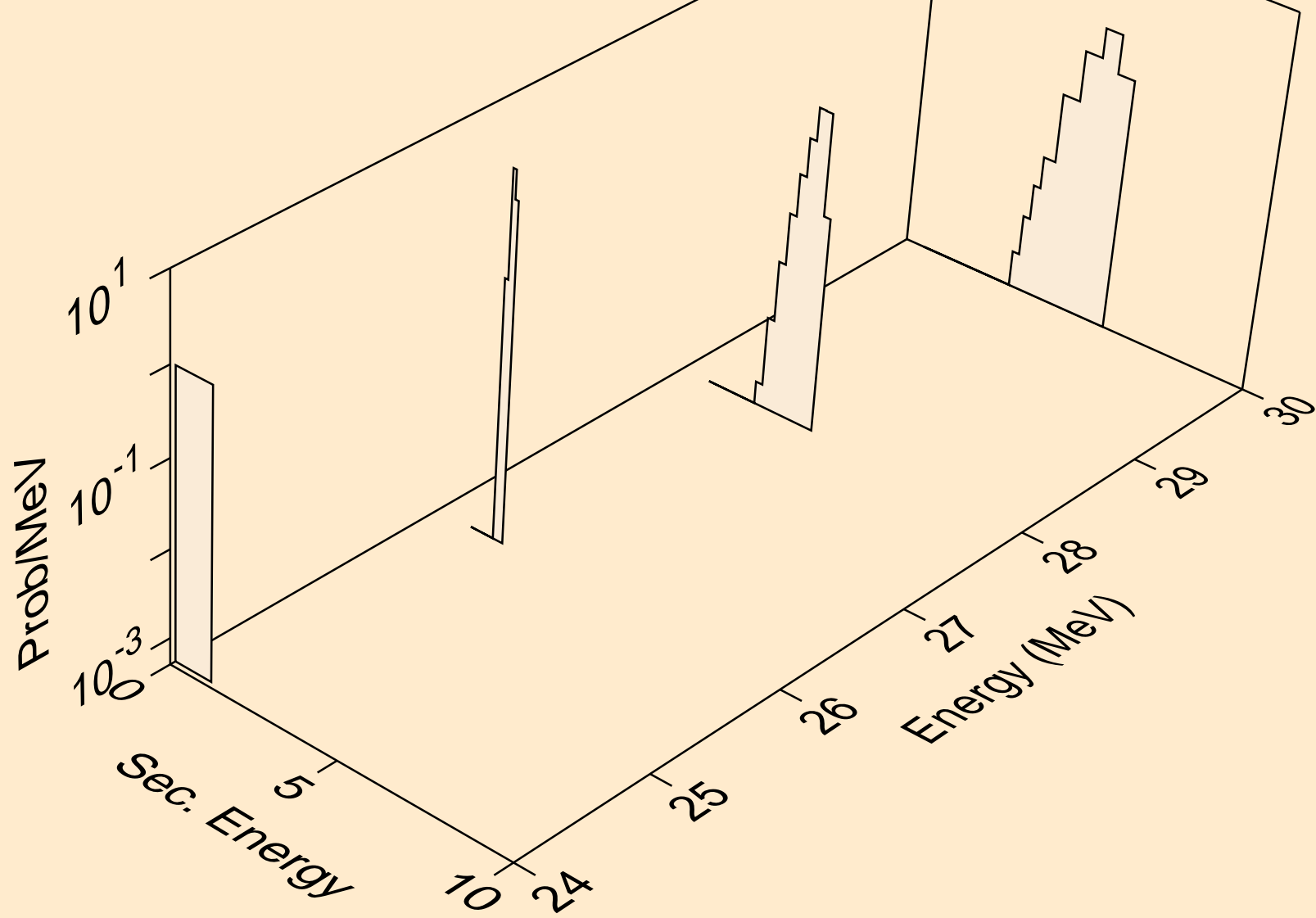
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tritons from (n,t)



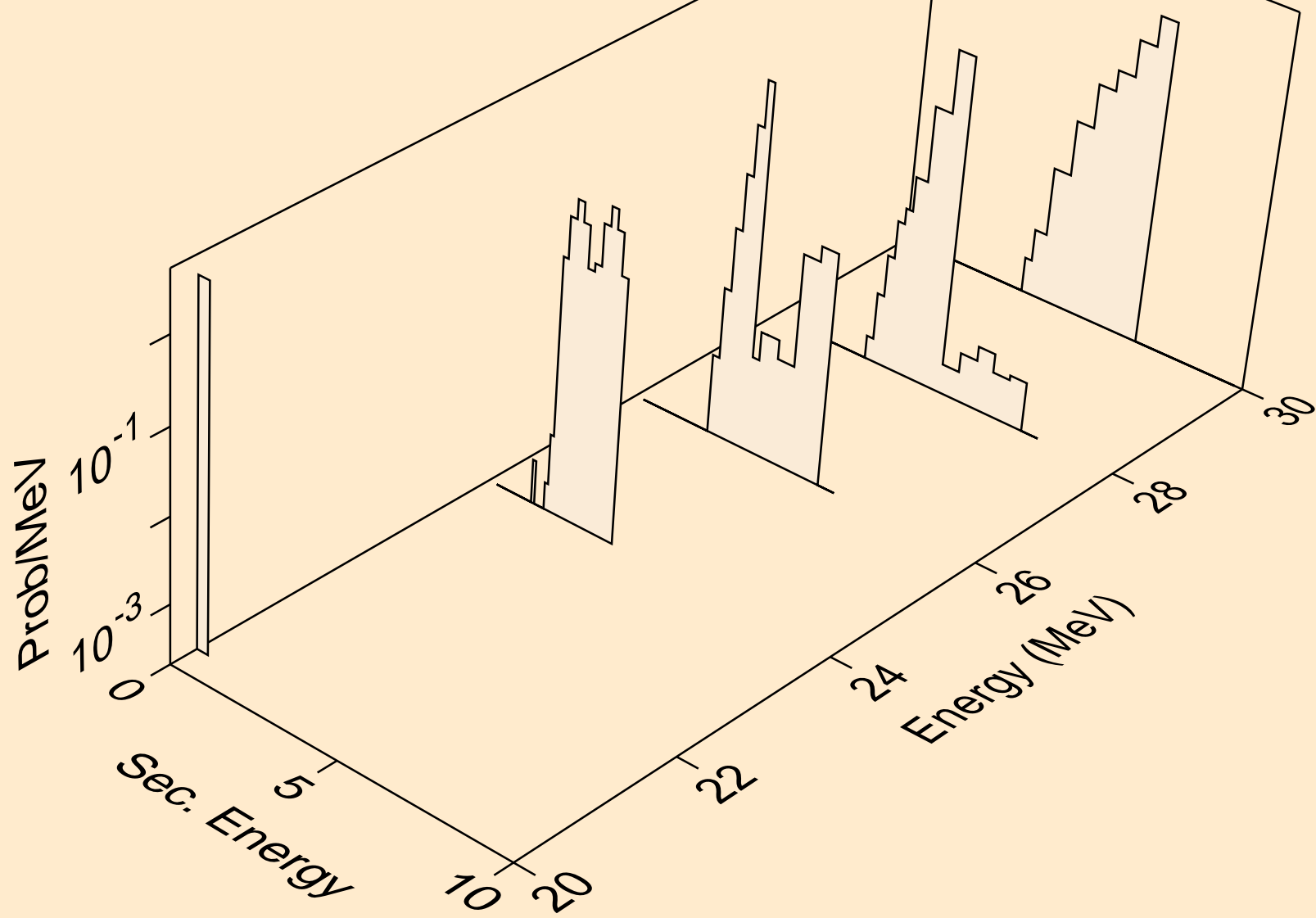
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he3s from (n,x)



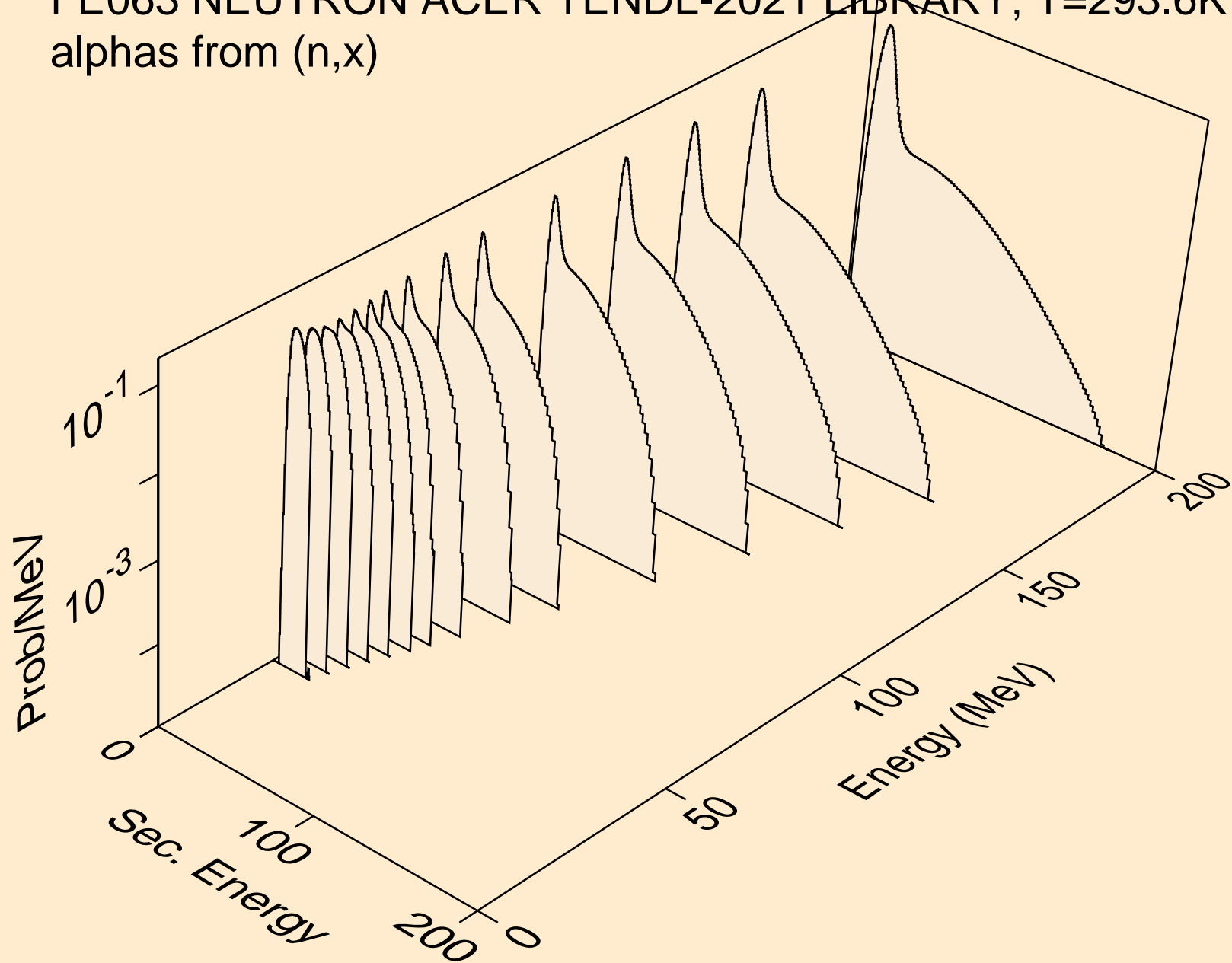
FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,n\*)he3



FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,he3)

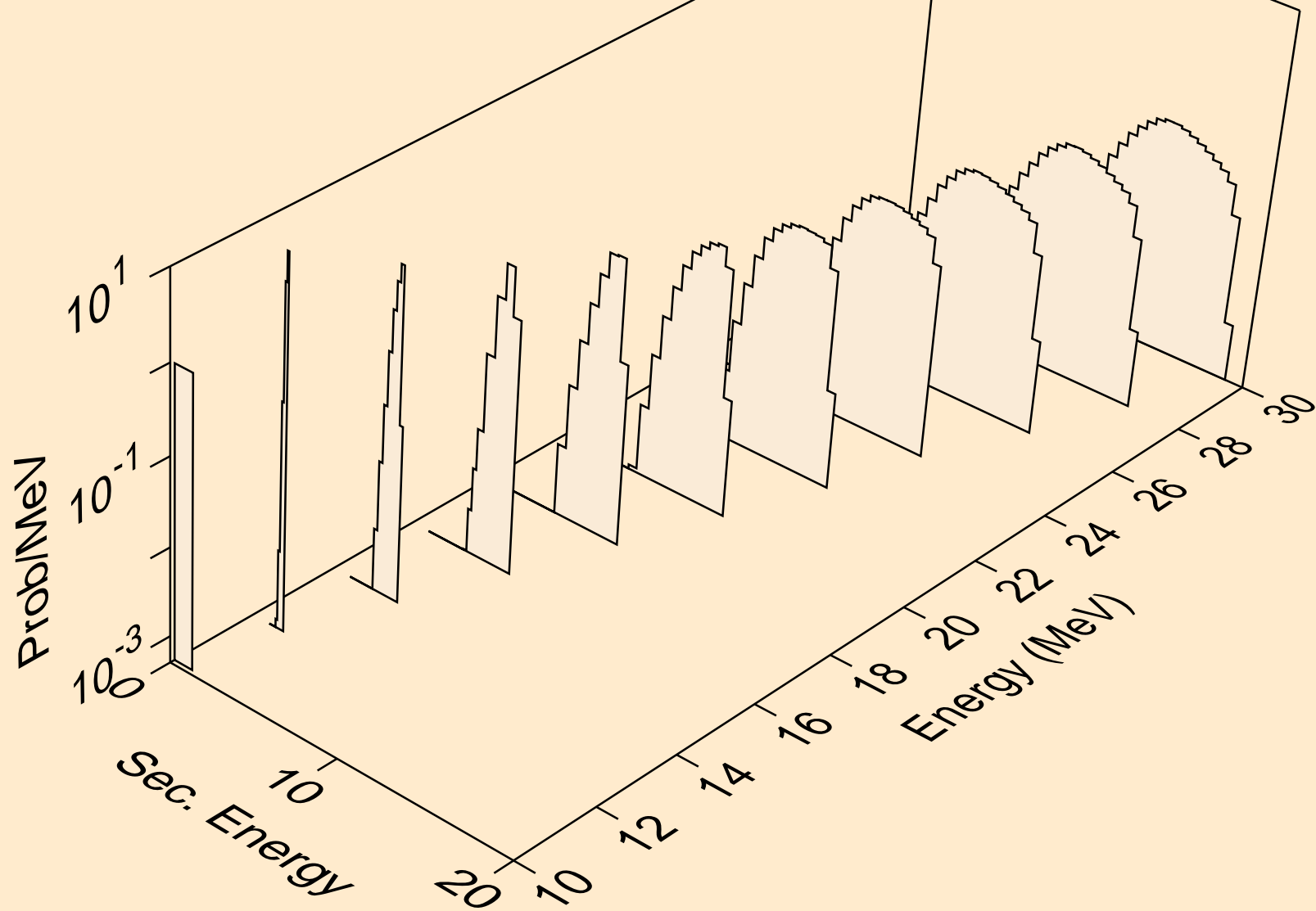


FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,x)

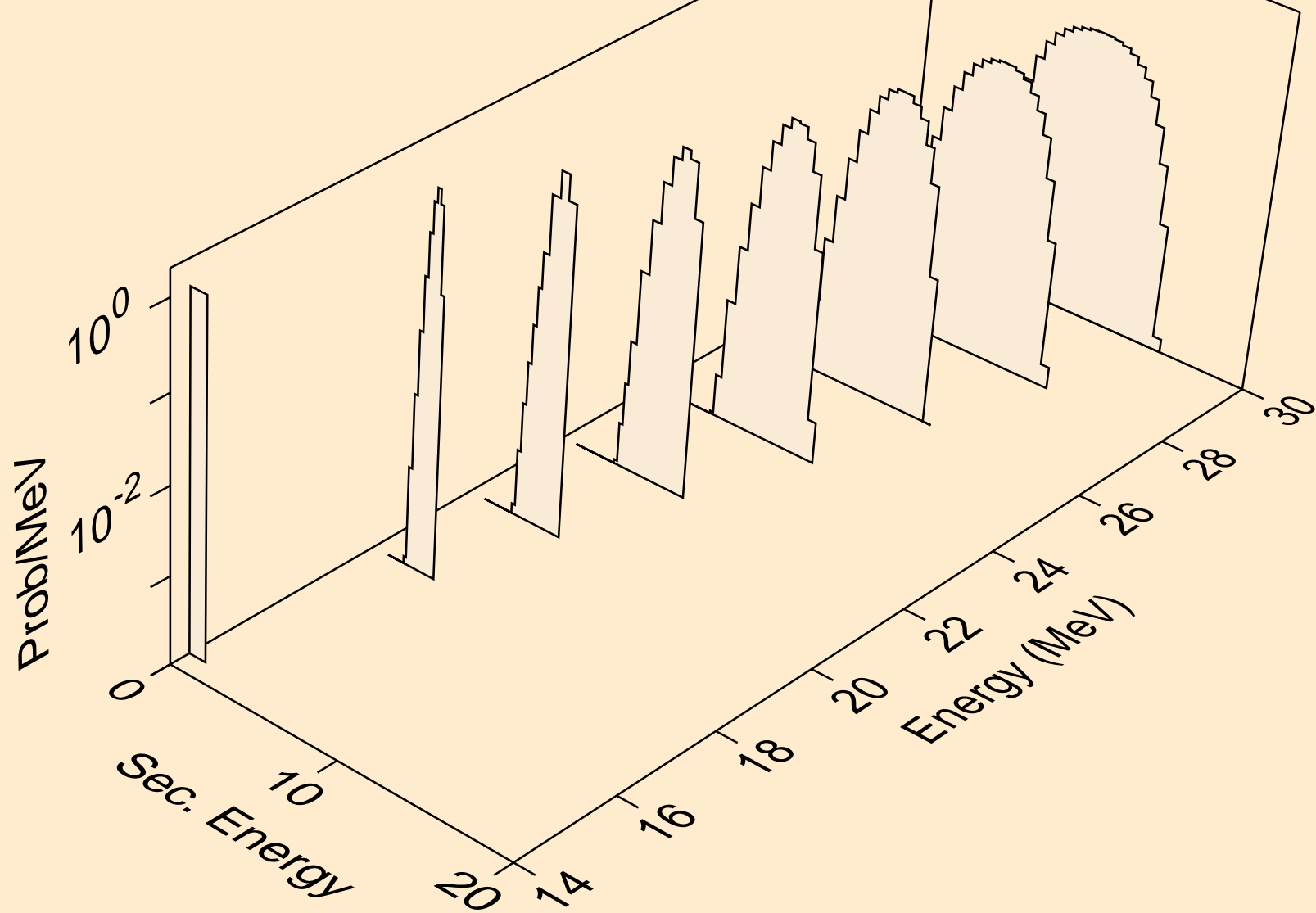




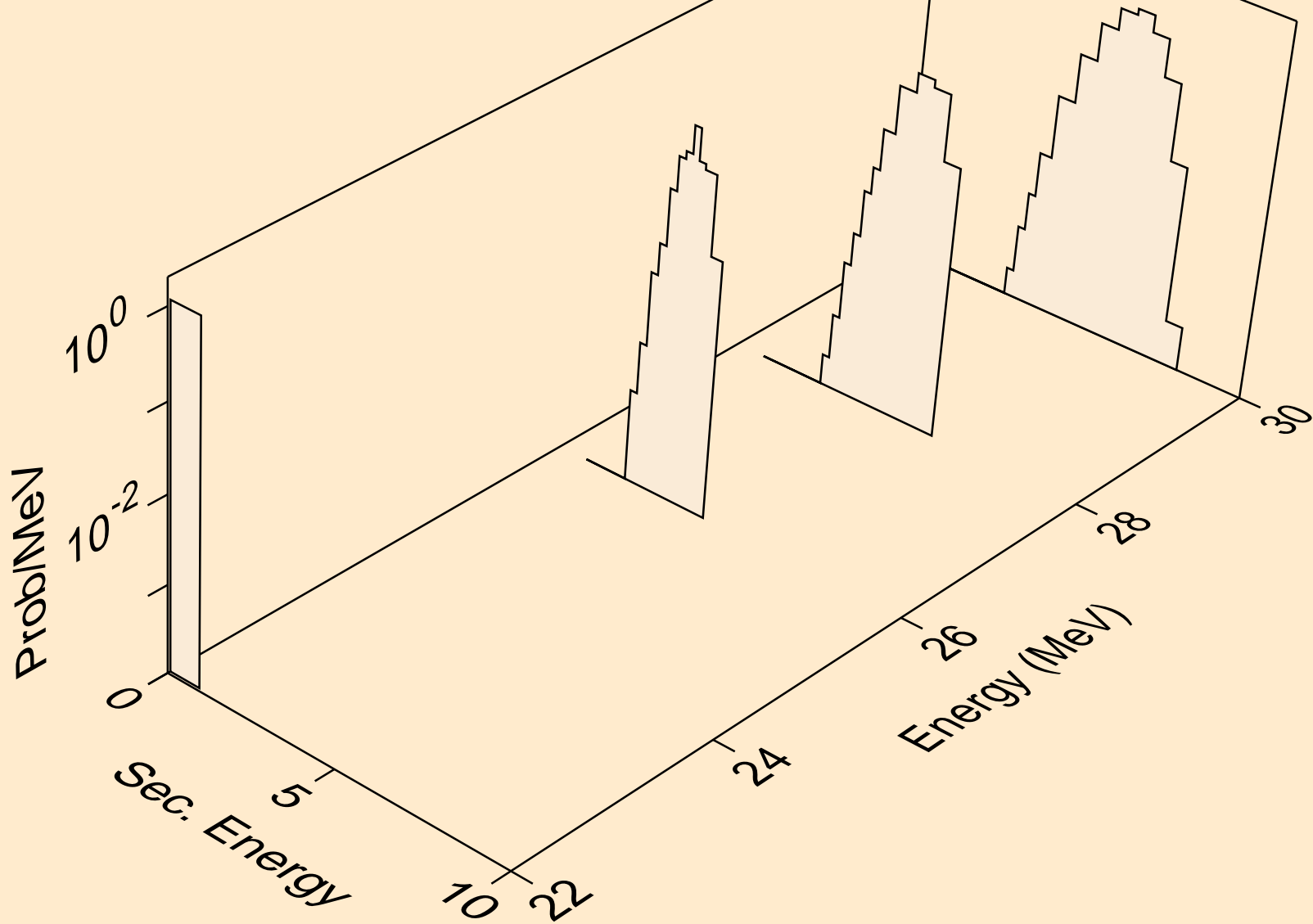
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alphas from (n,n\*)a



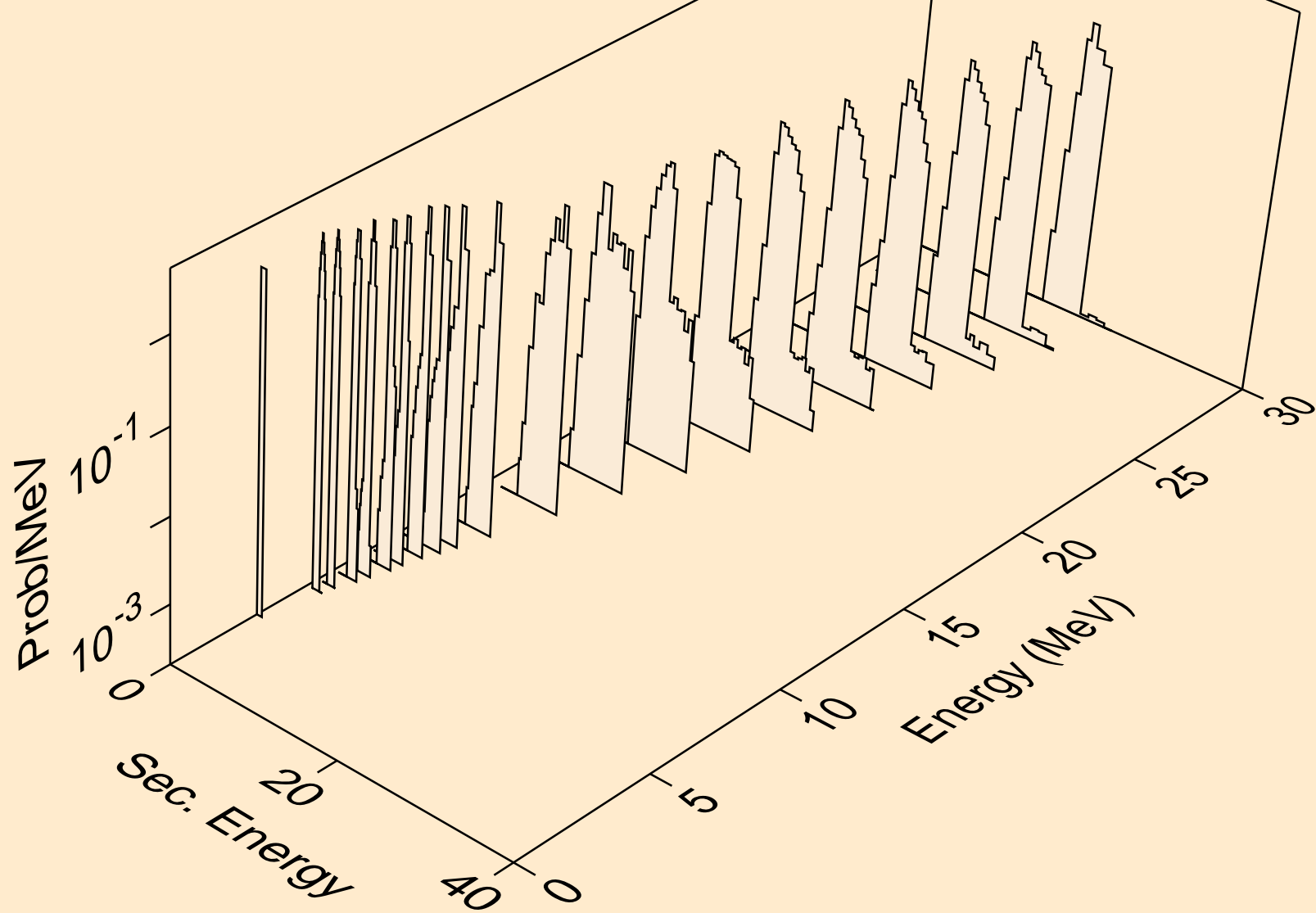
FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)a



FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3n)a



FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)



FE063 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2a)

