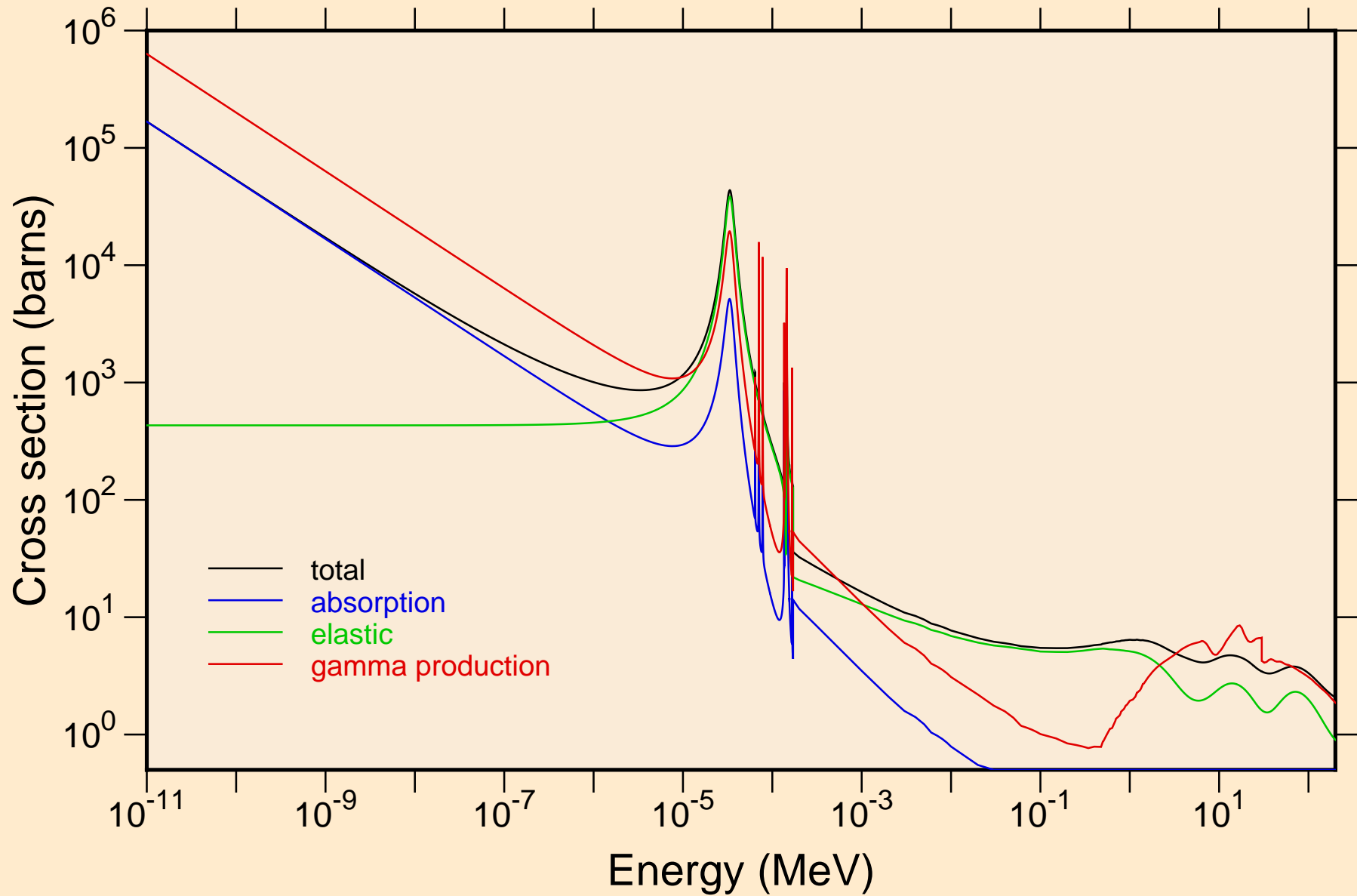
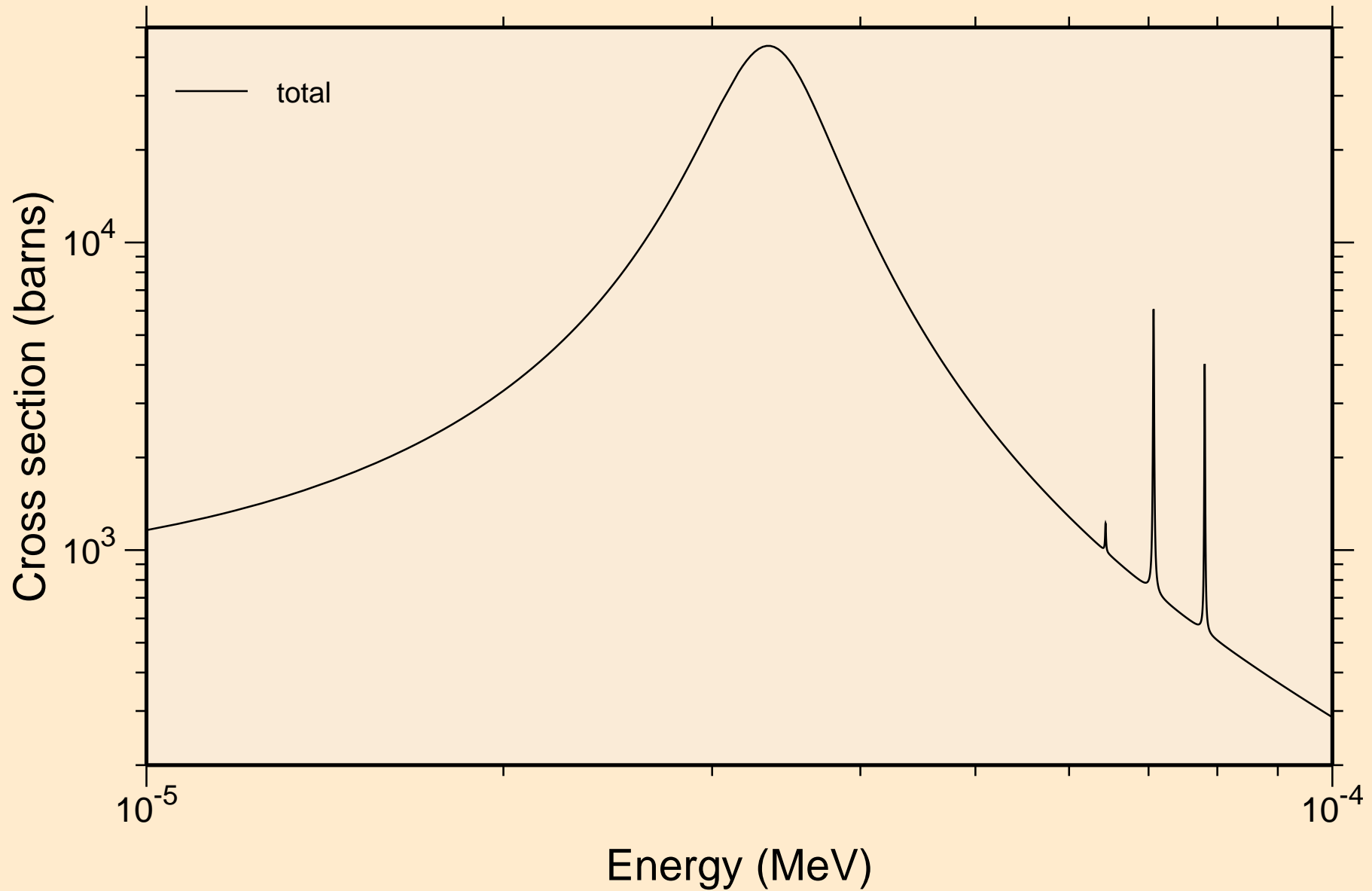


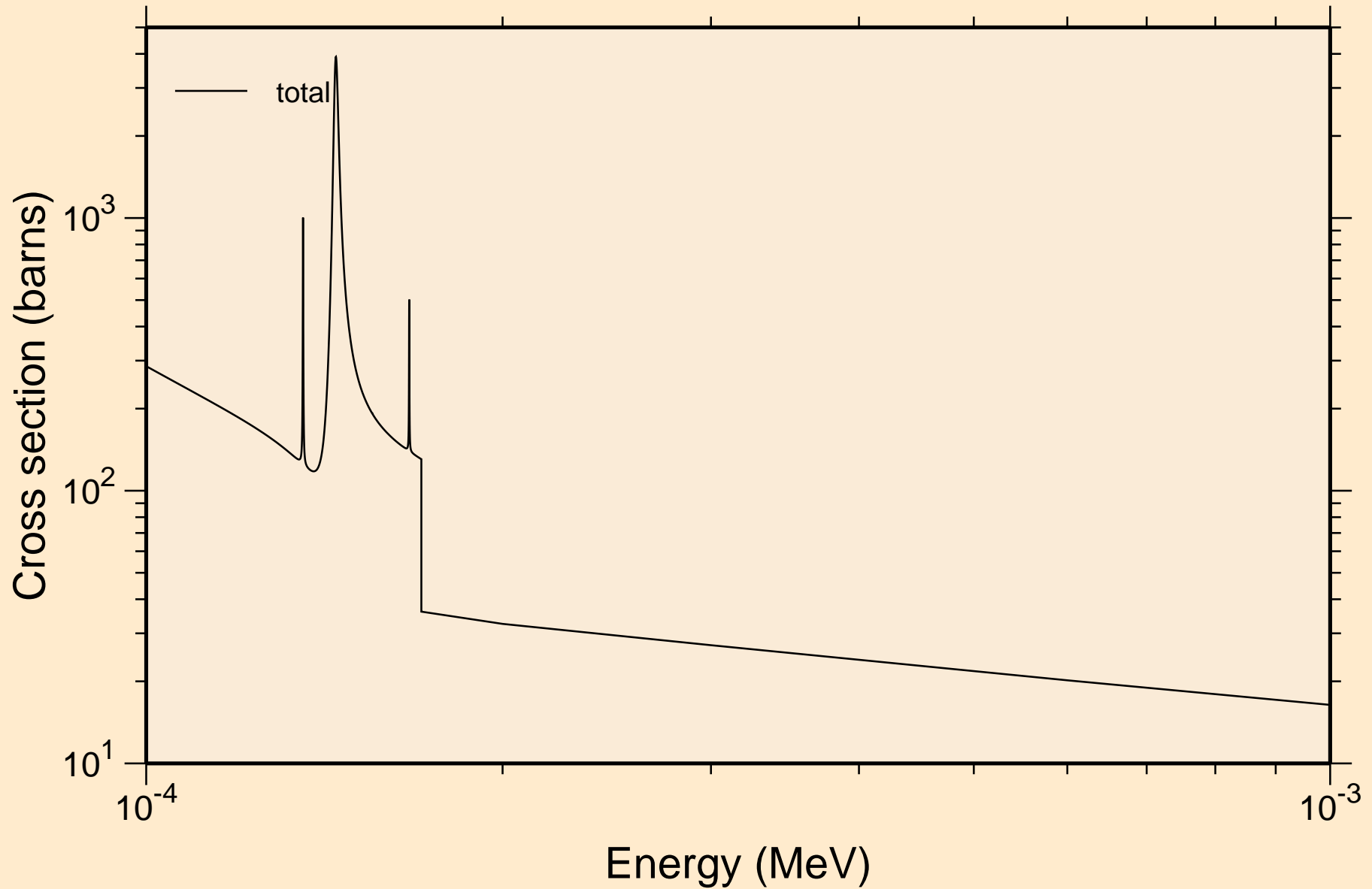
TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Principal cross sections



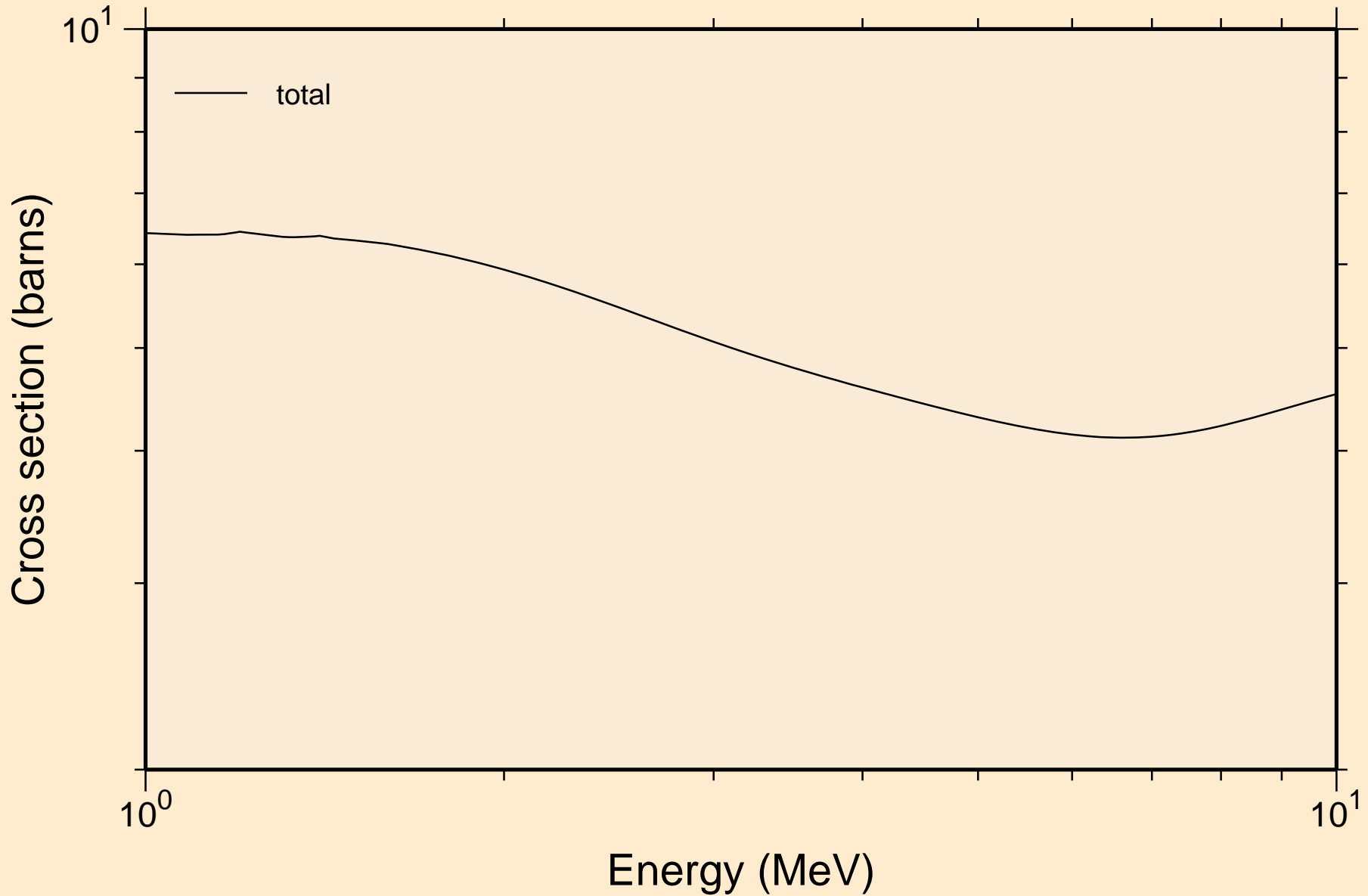
TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



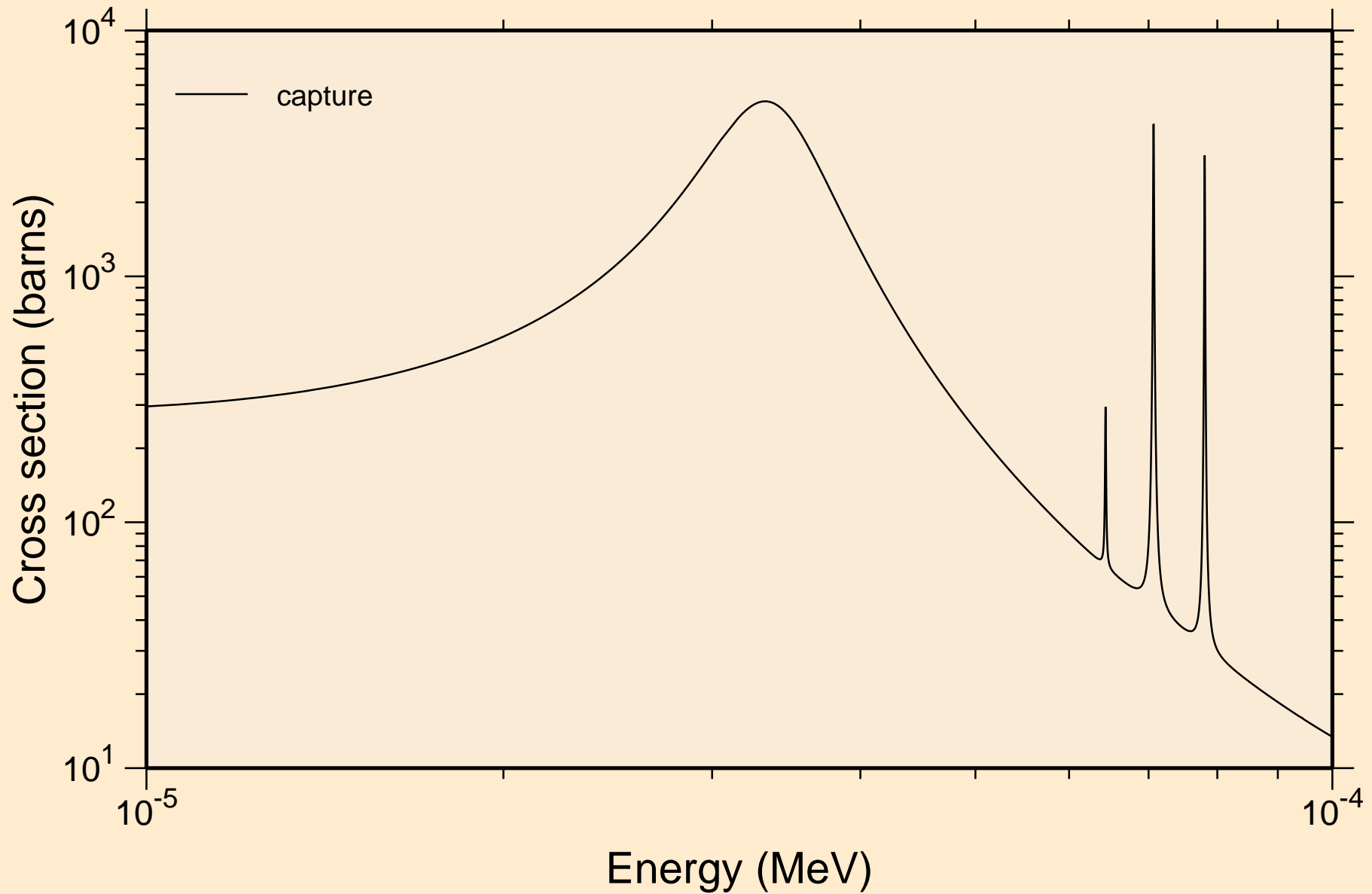
TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



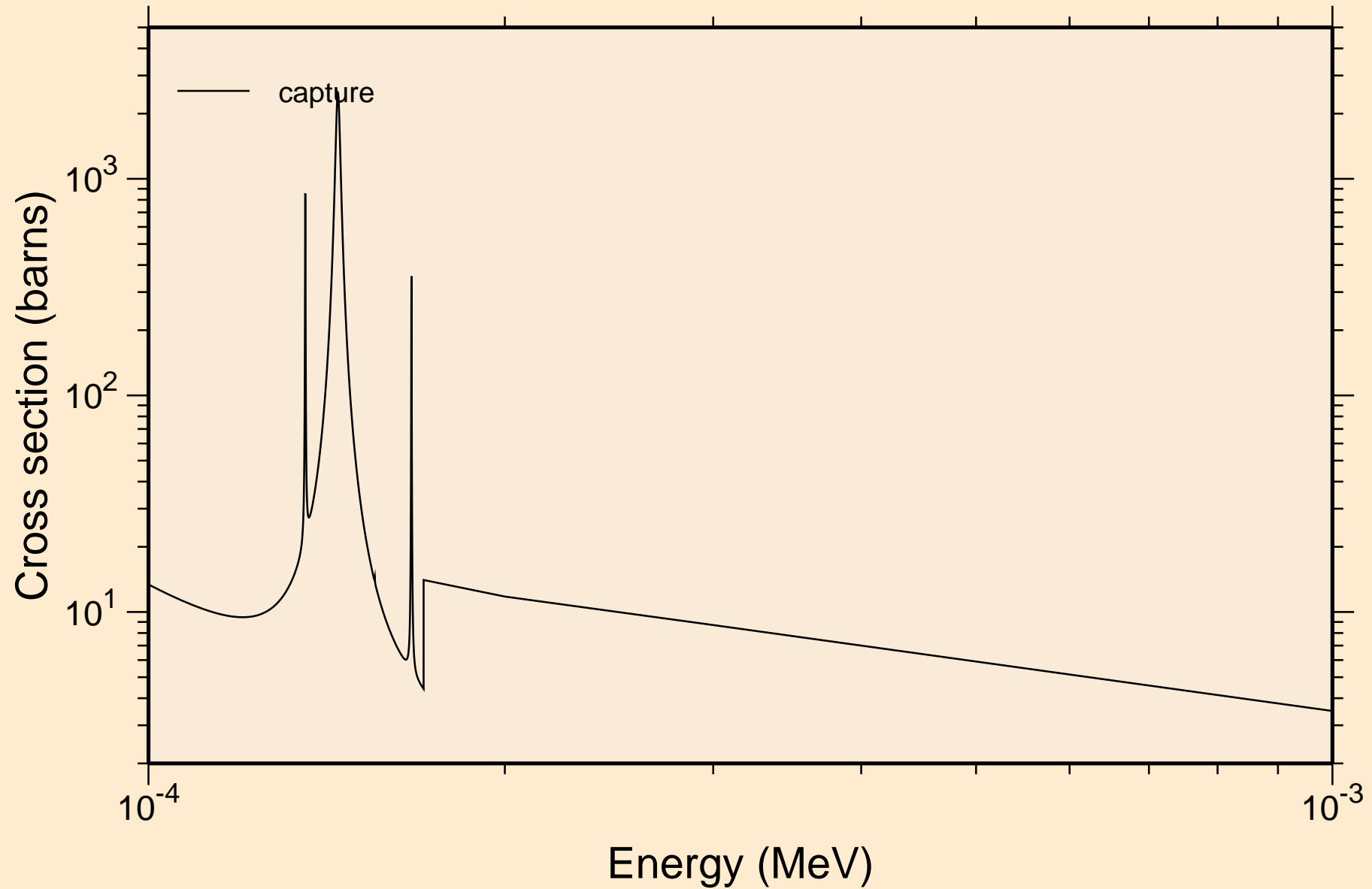
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resonance total cross section



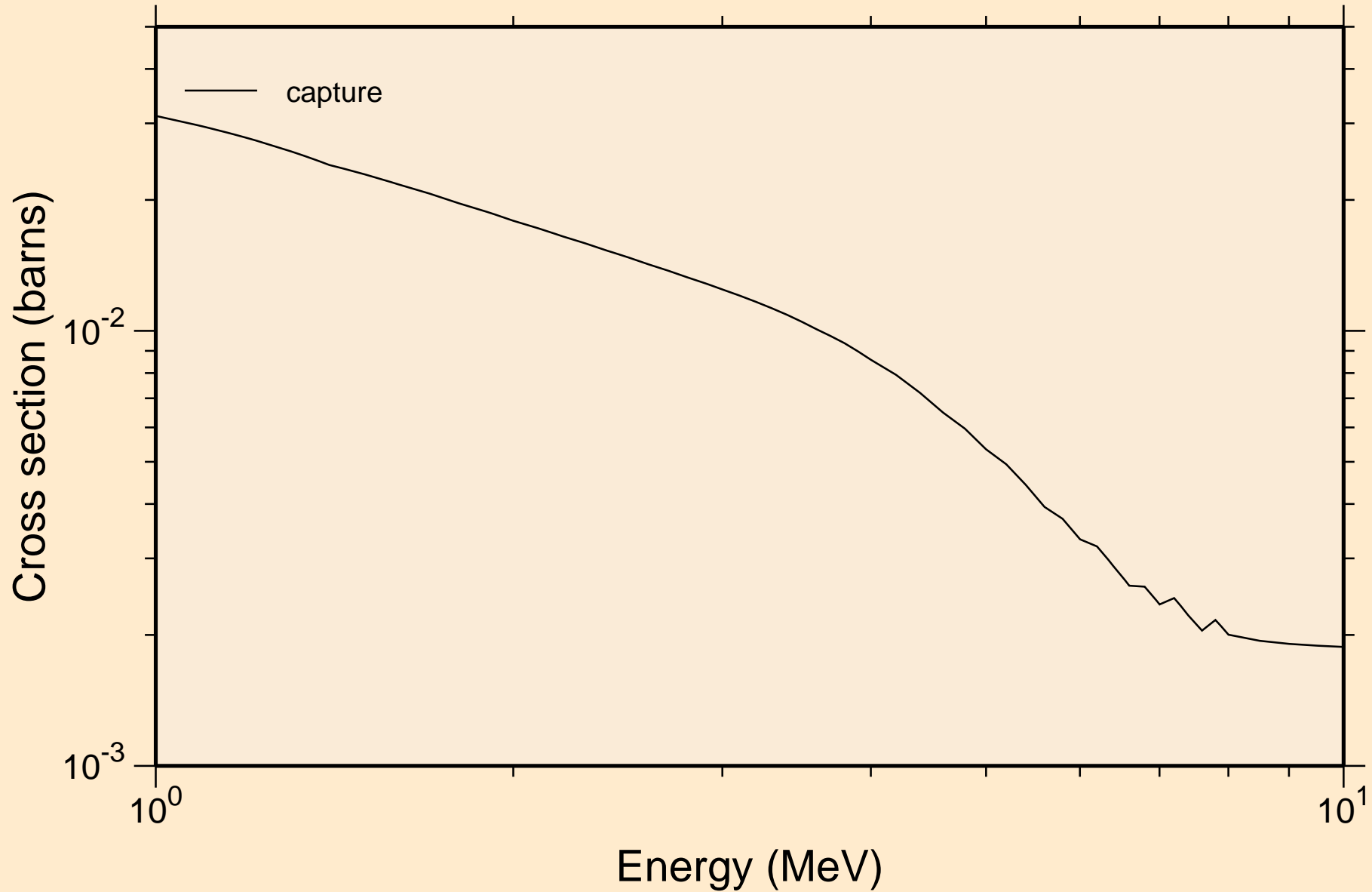
TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



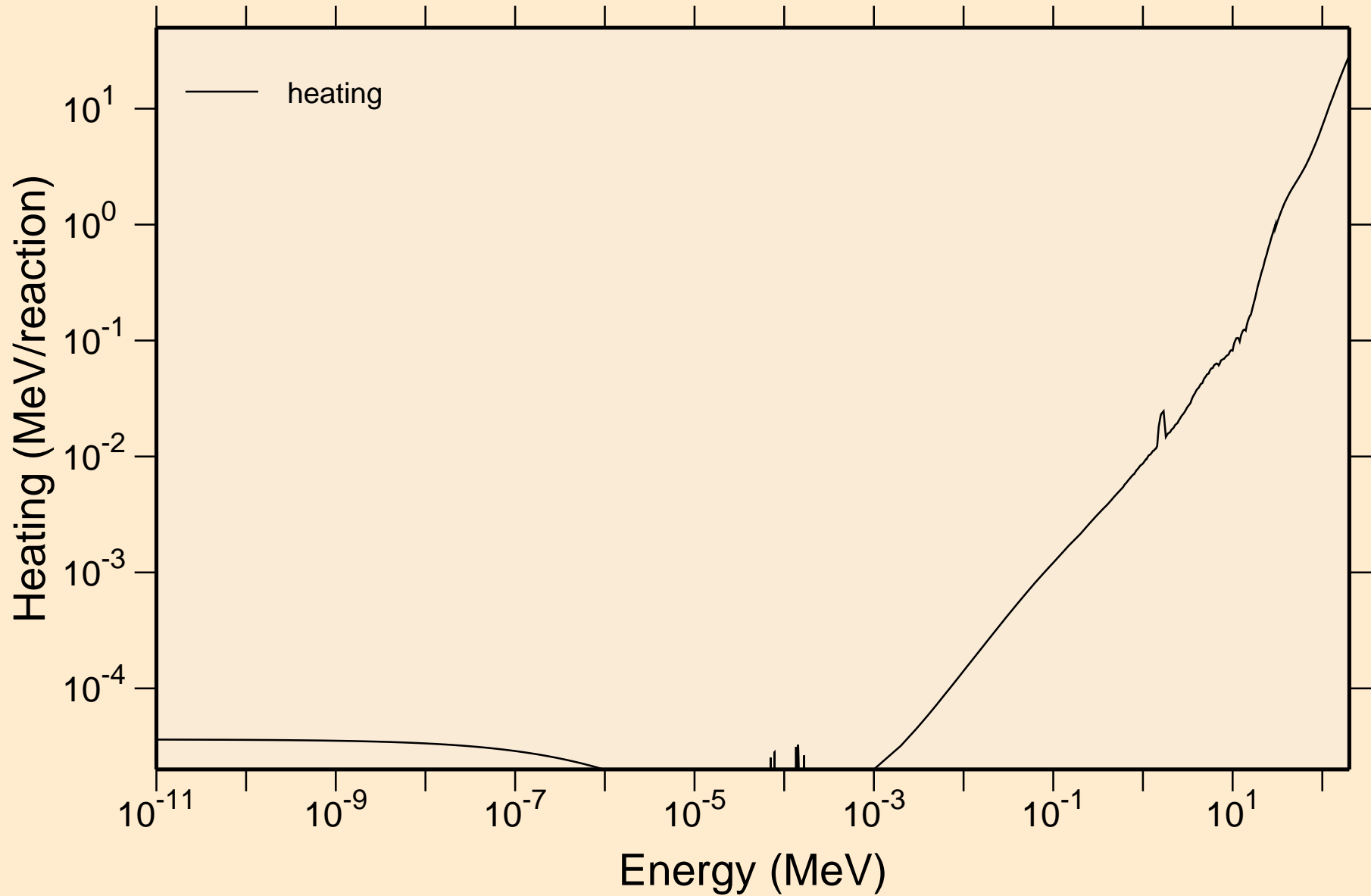
TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

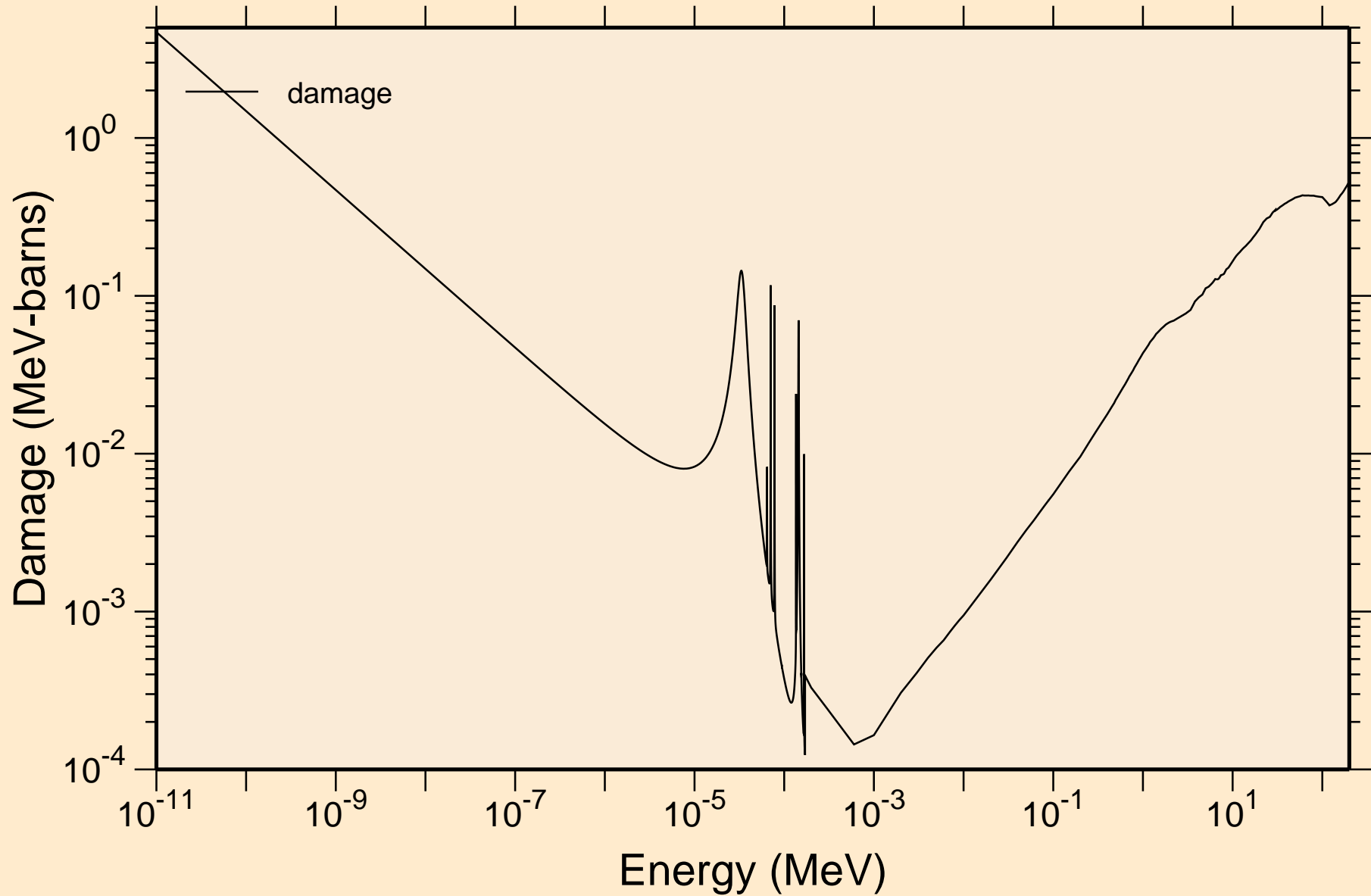


TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Heating

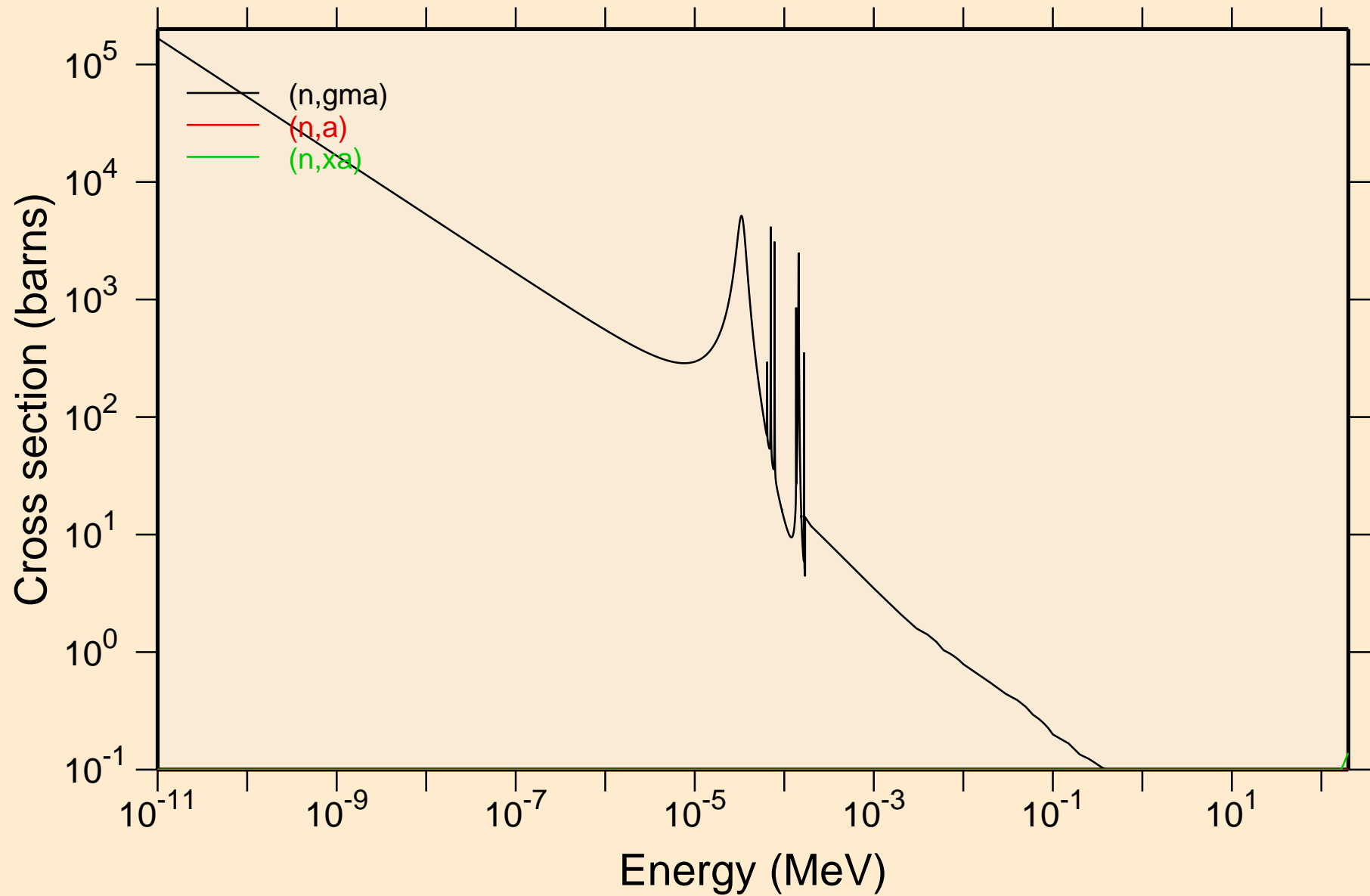




TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage

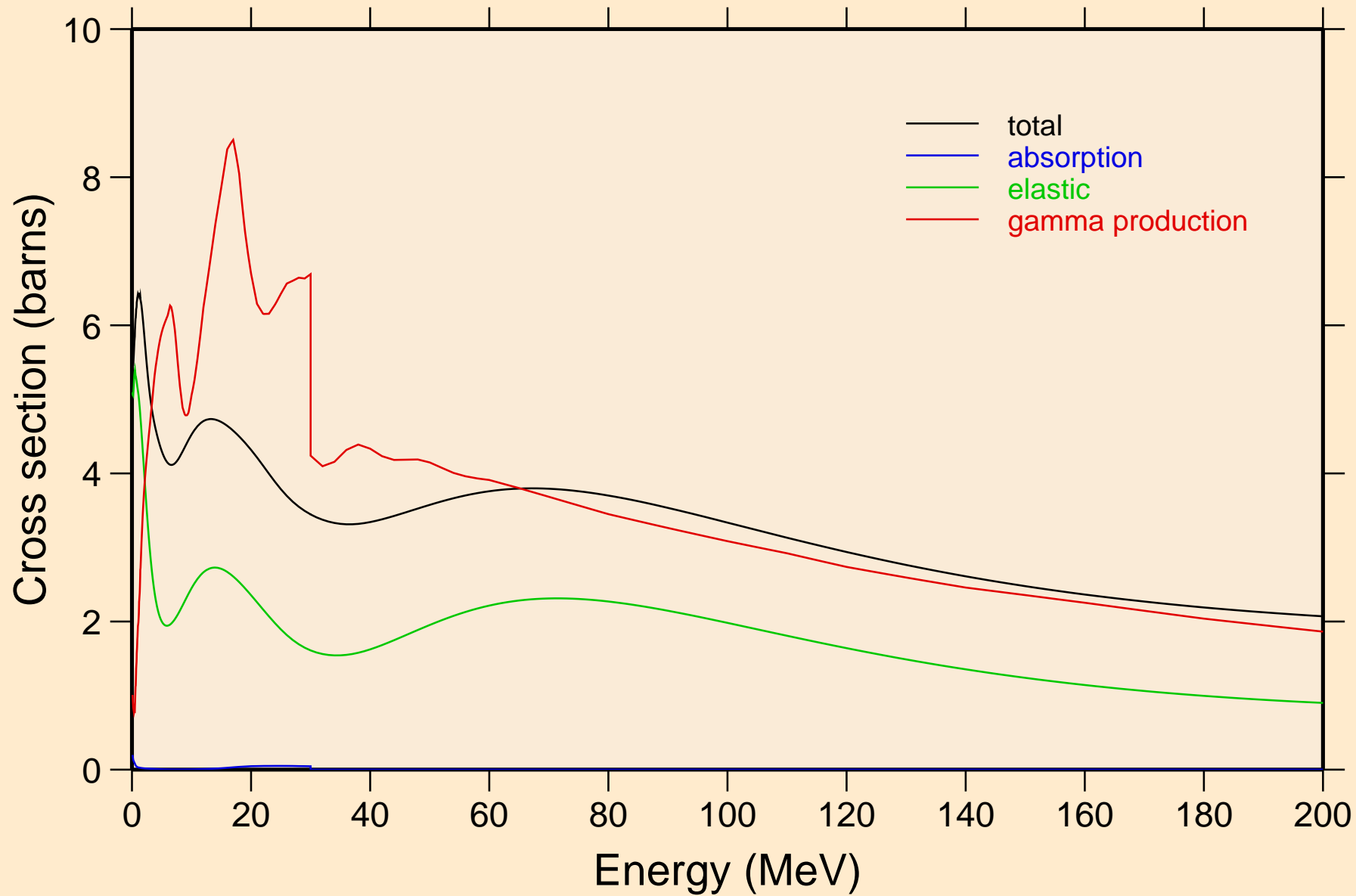


TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



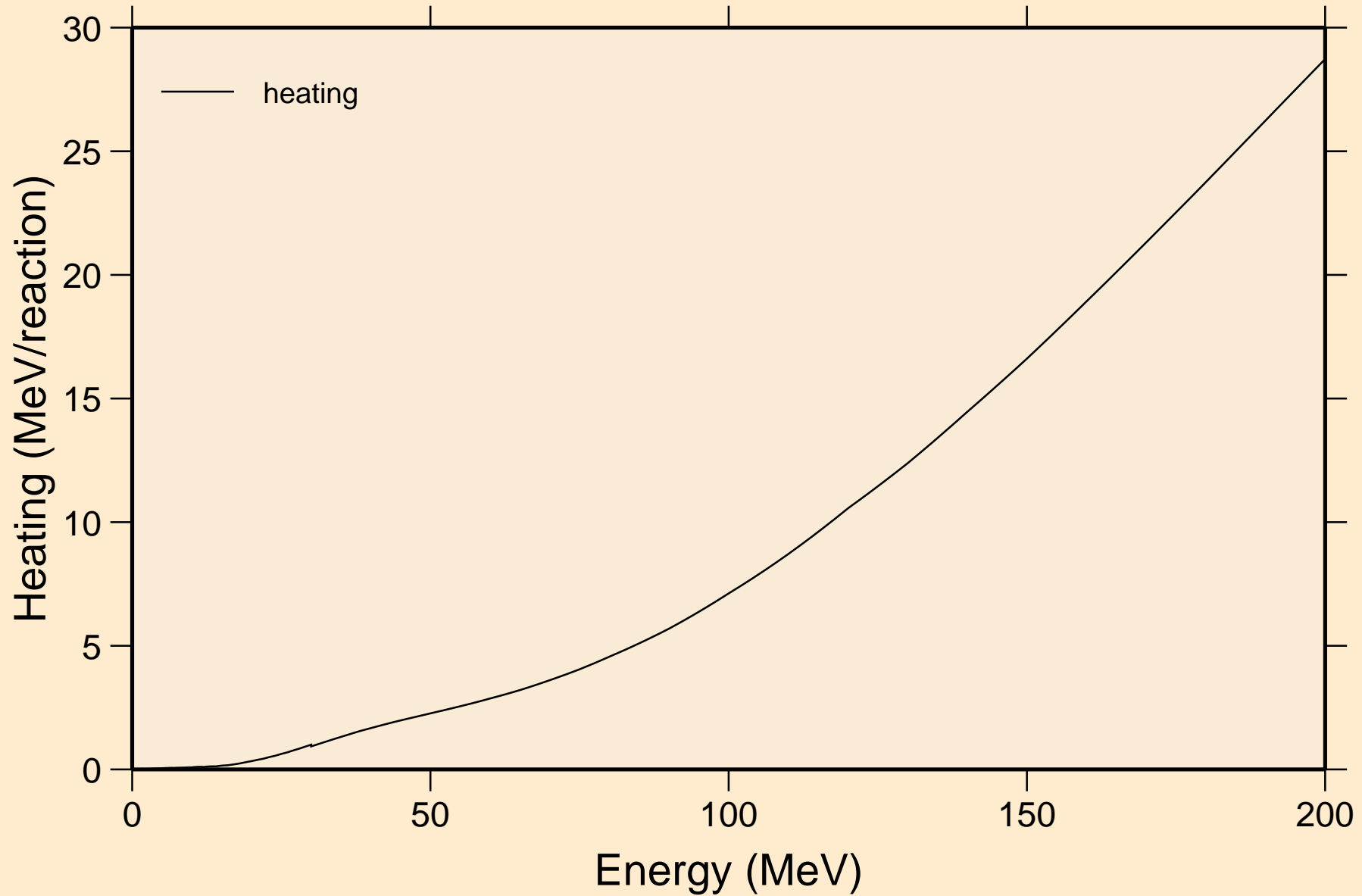
# TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections

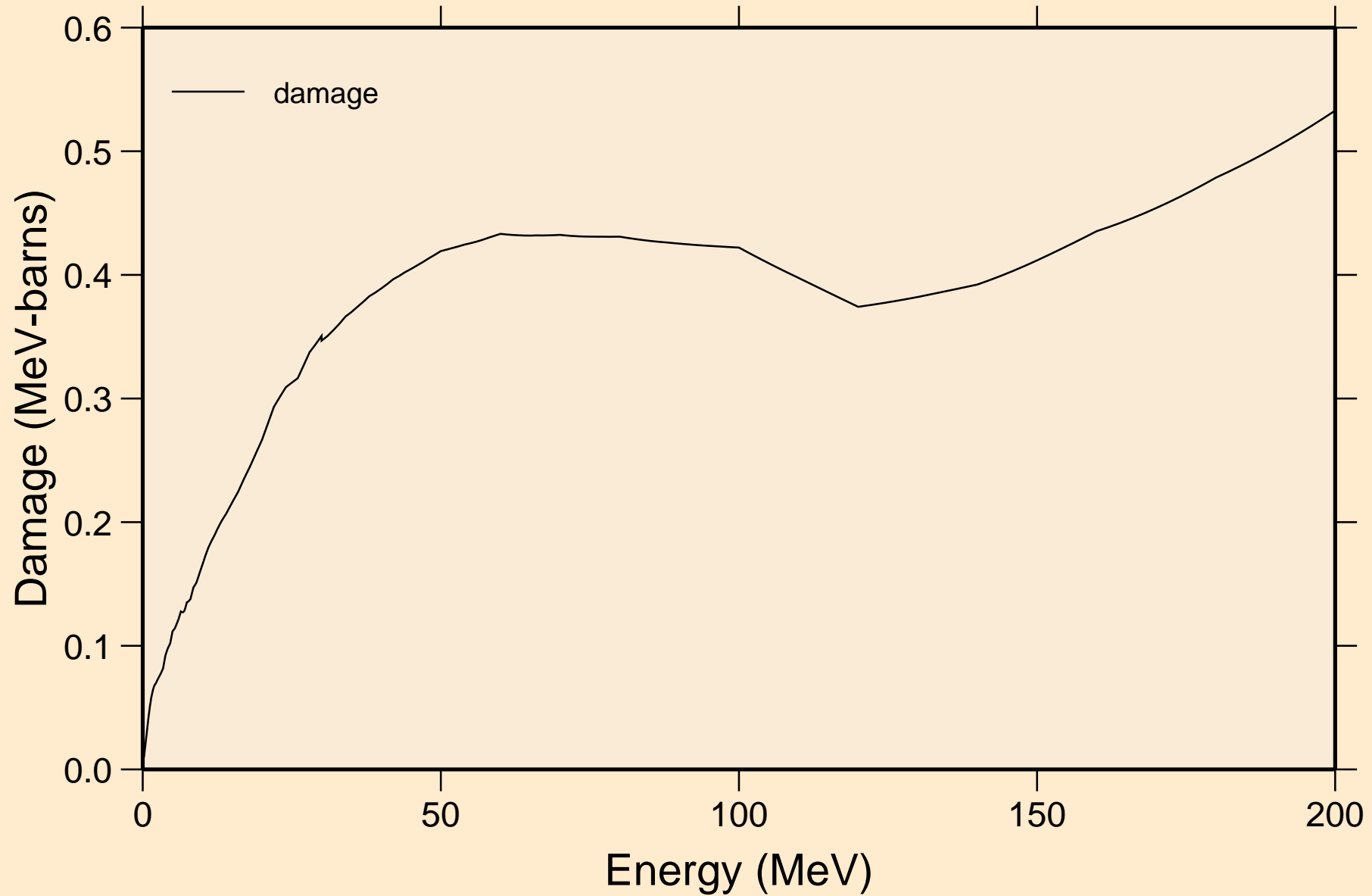


# TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

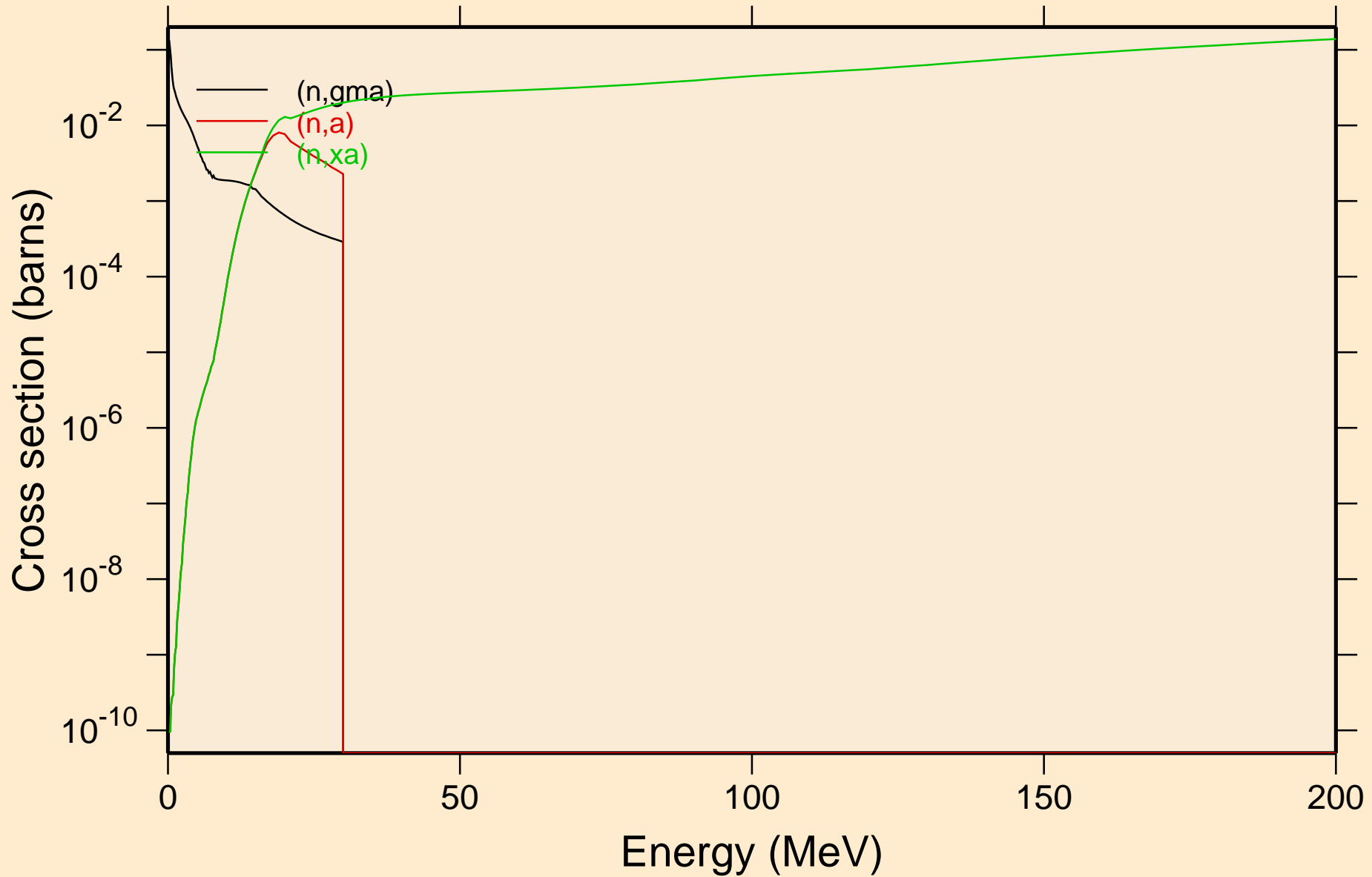
## Heating



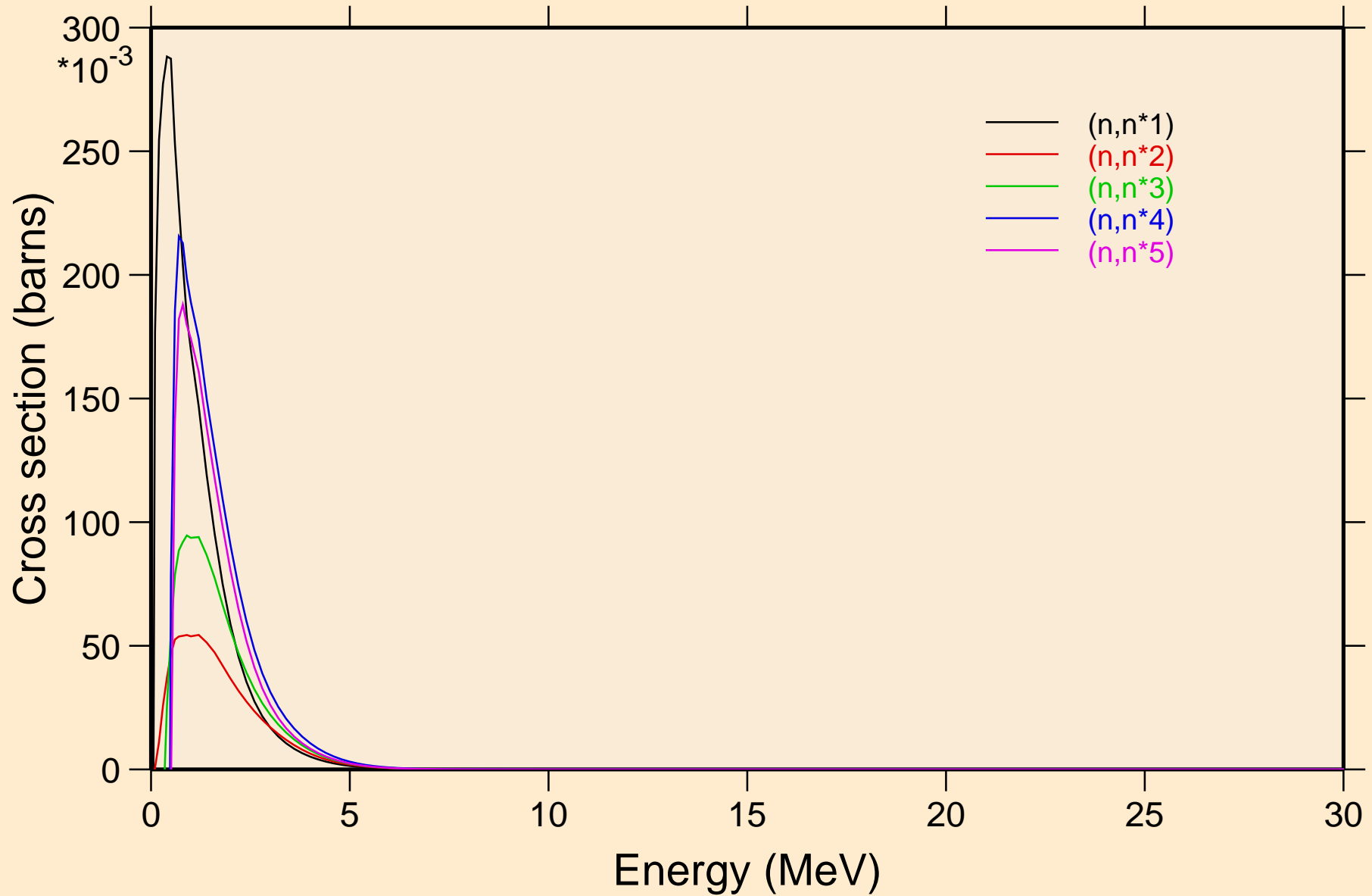
TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



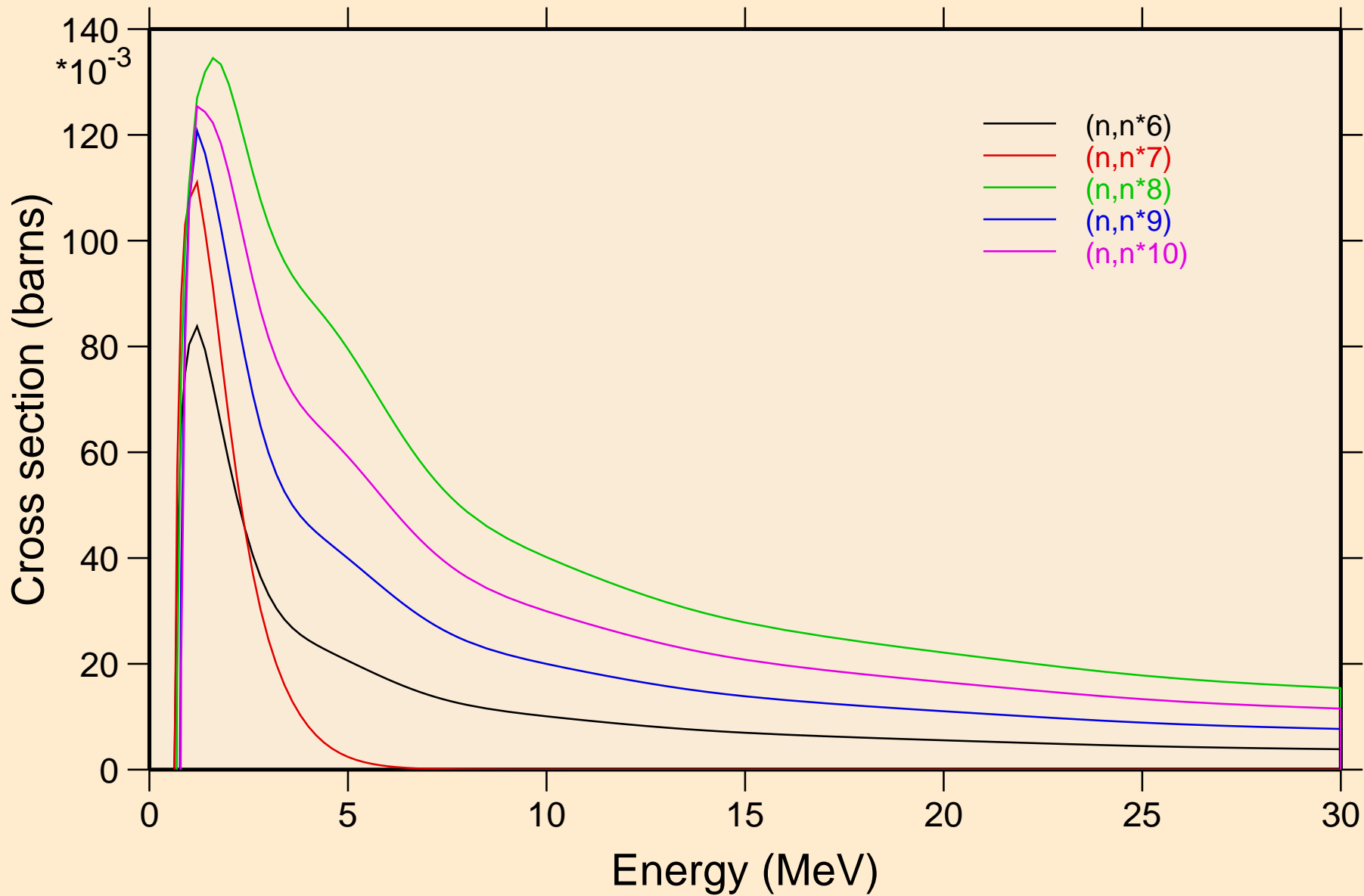
TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

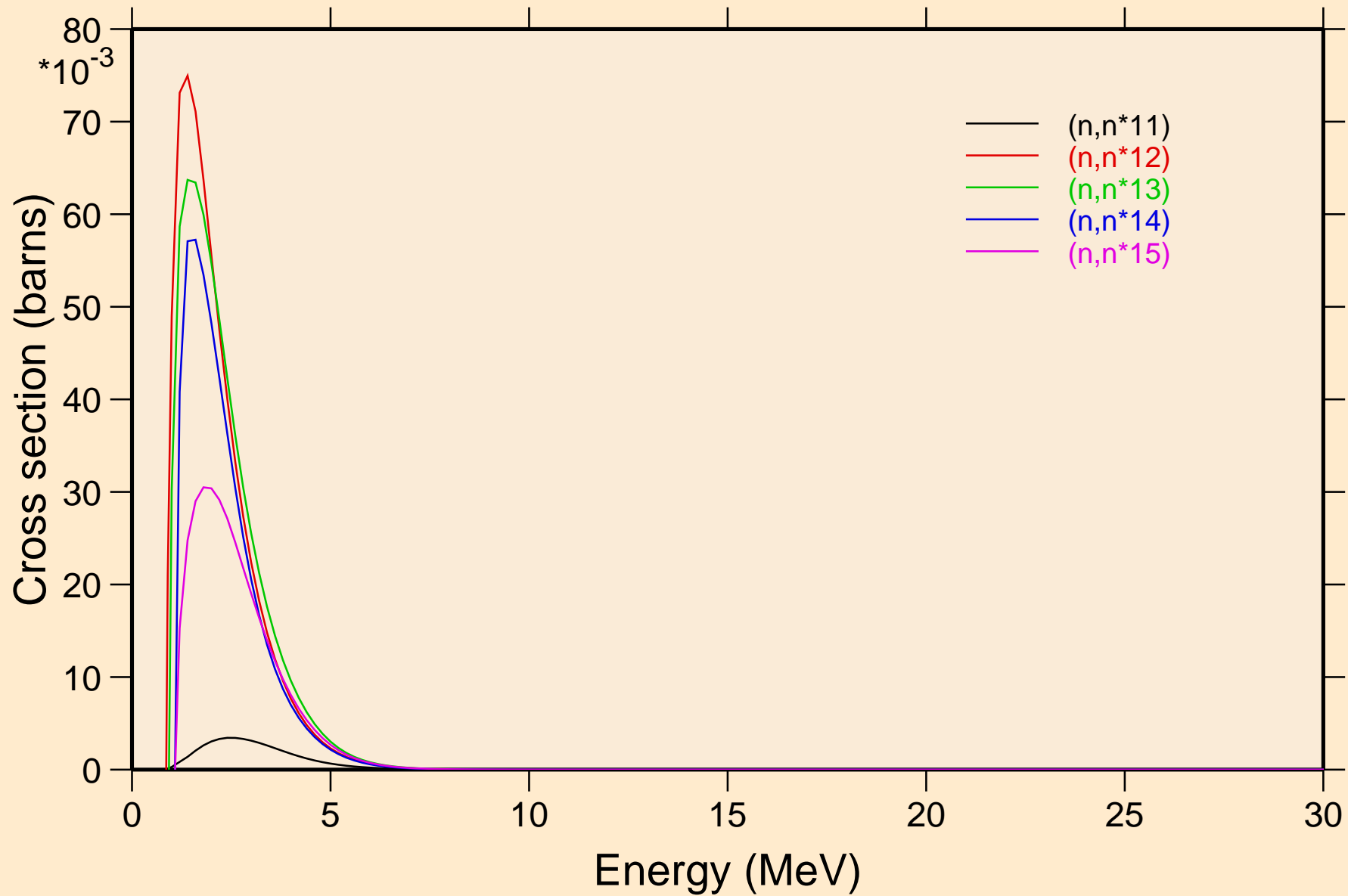


TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

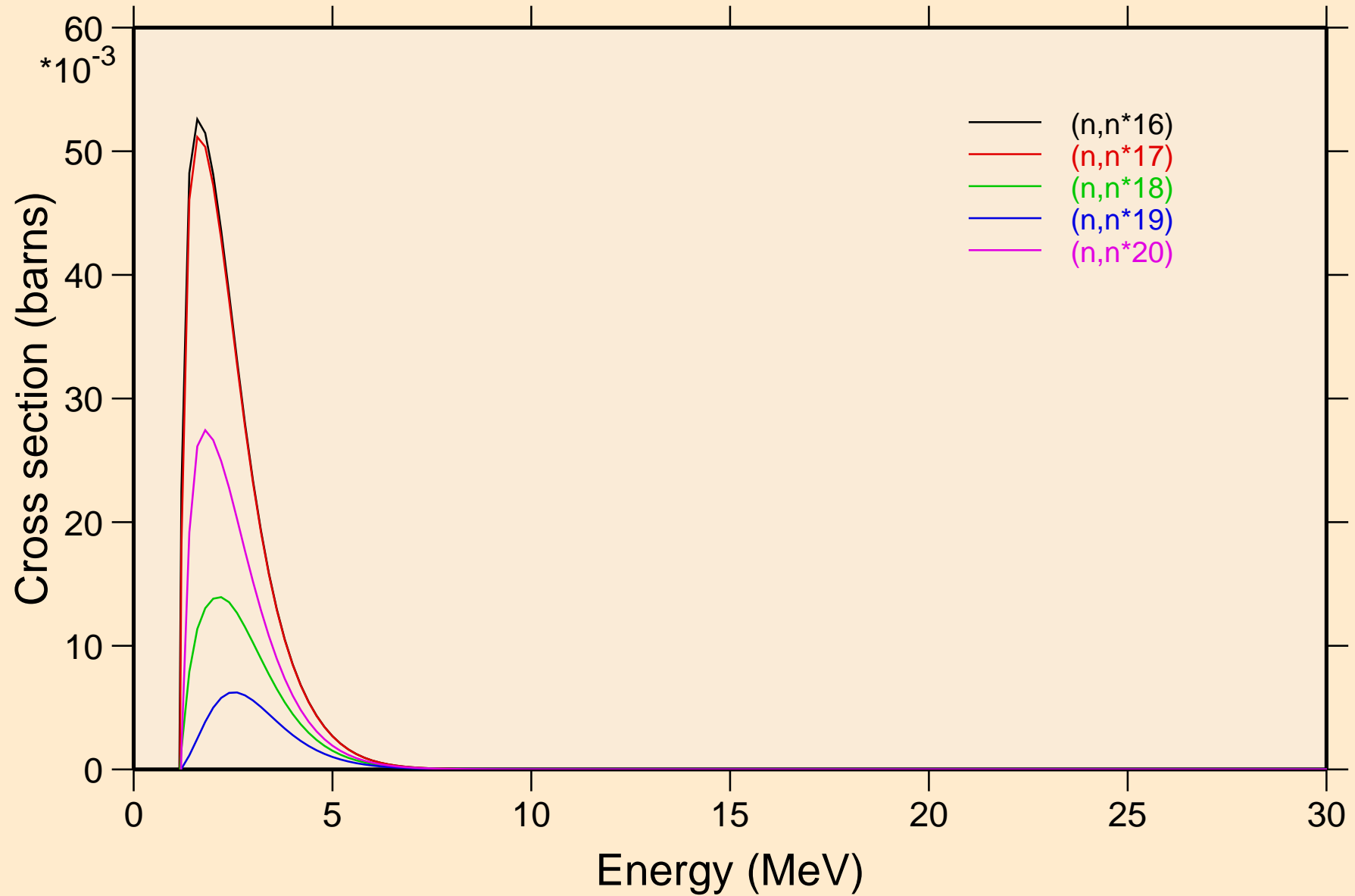




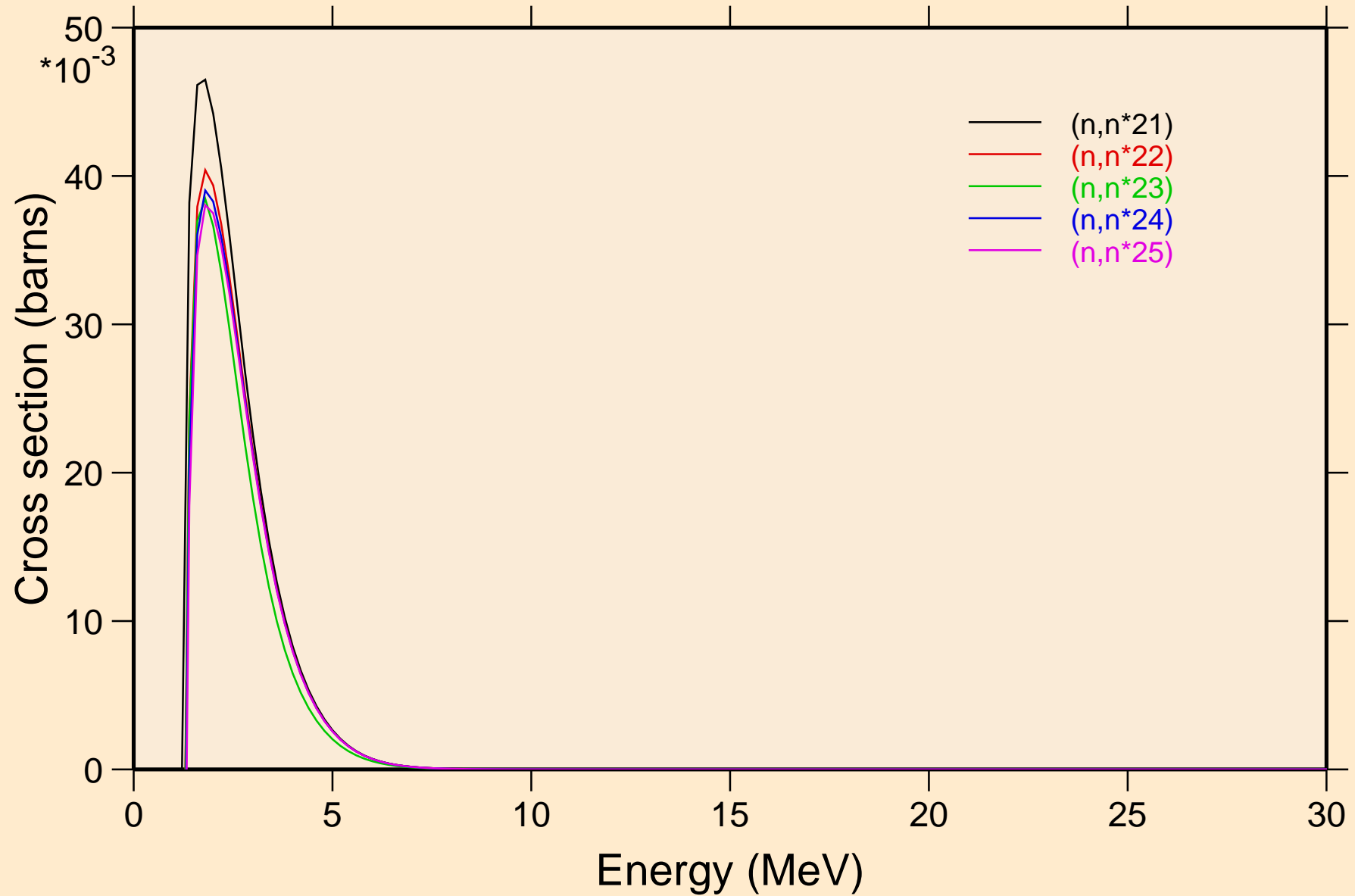
TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



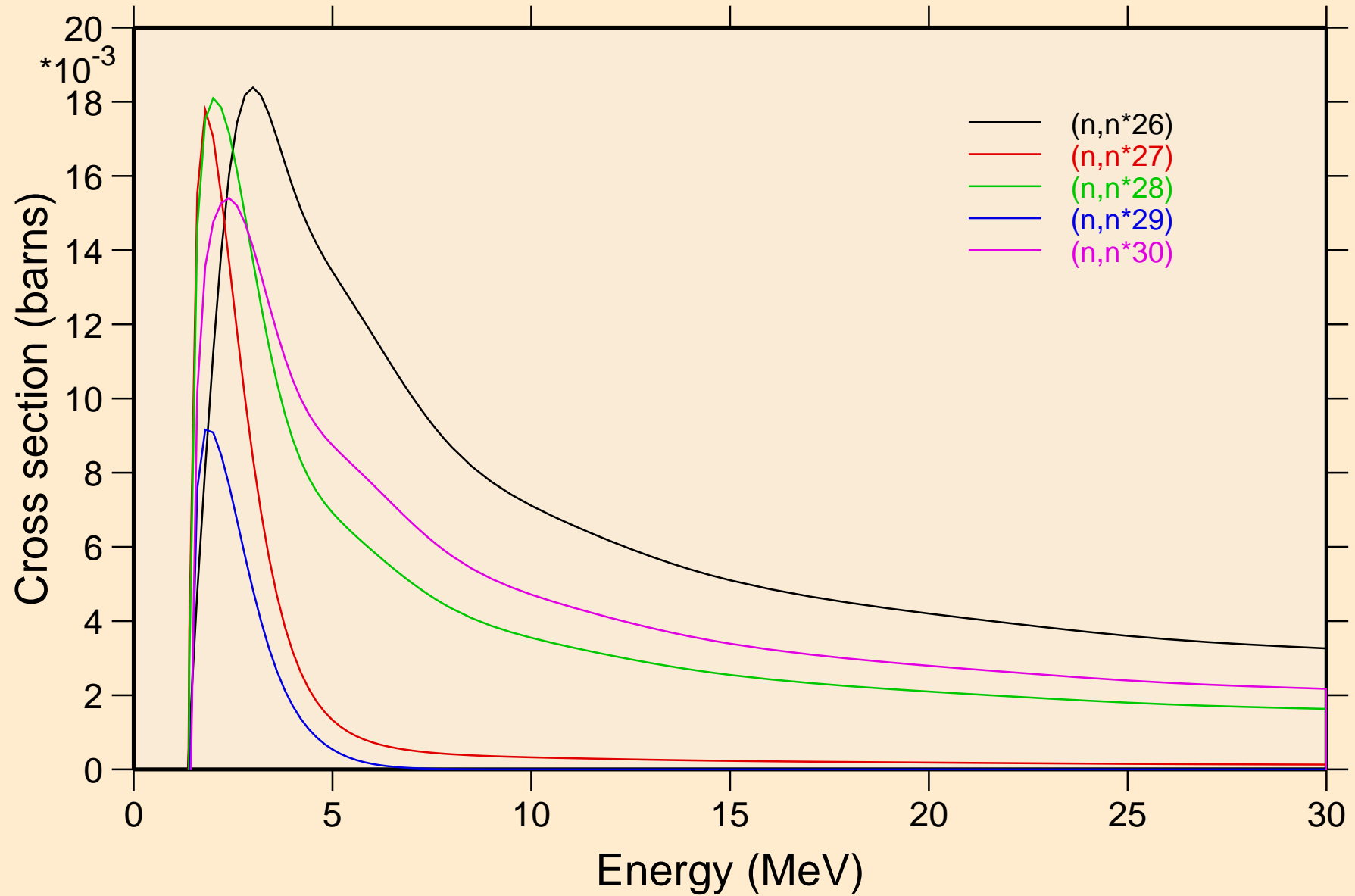
TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



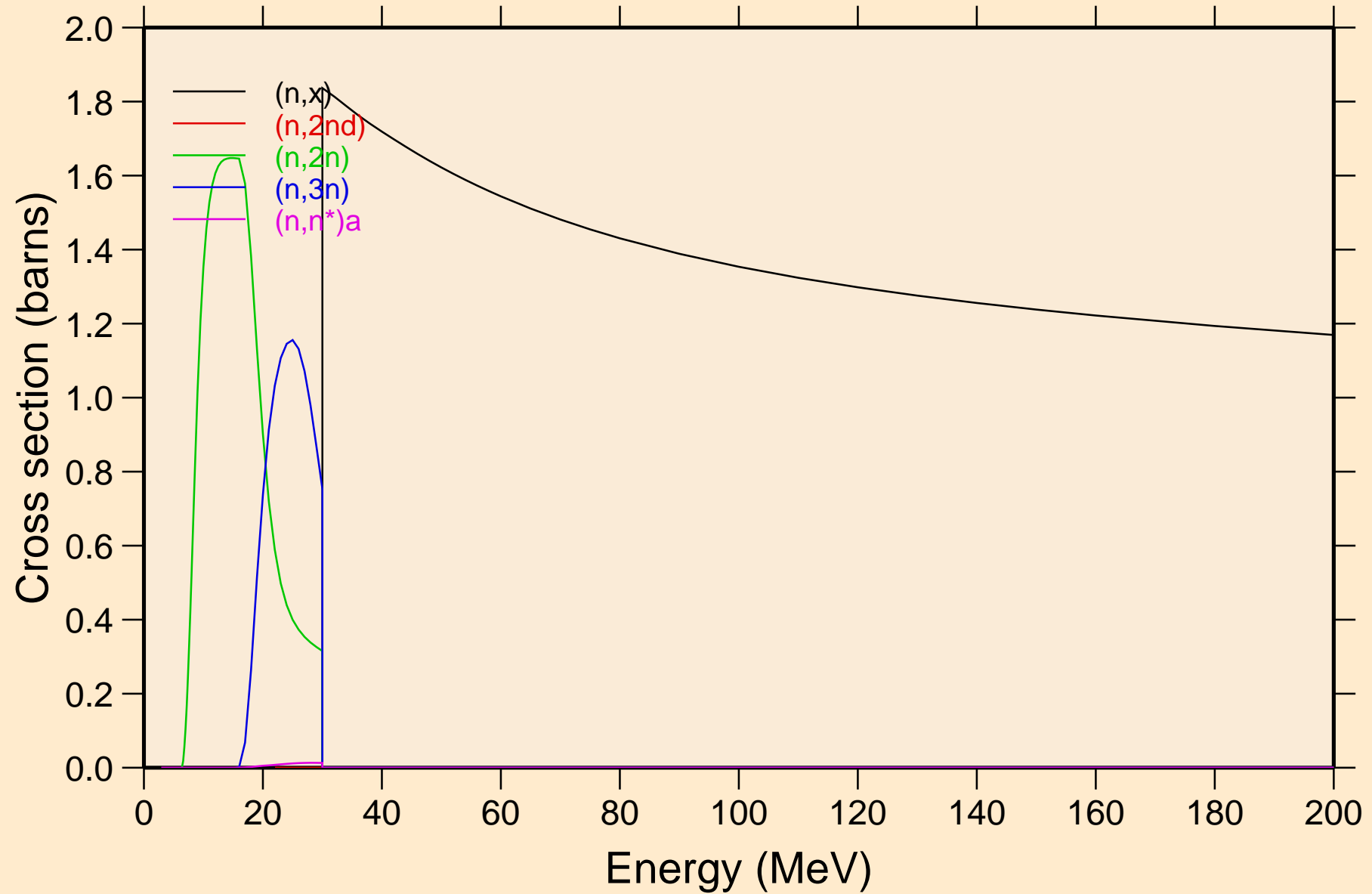
TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

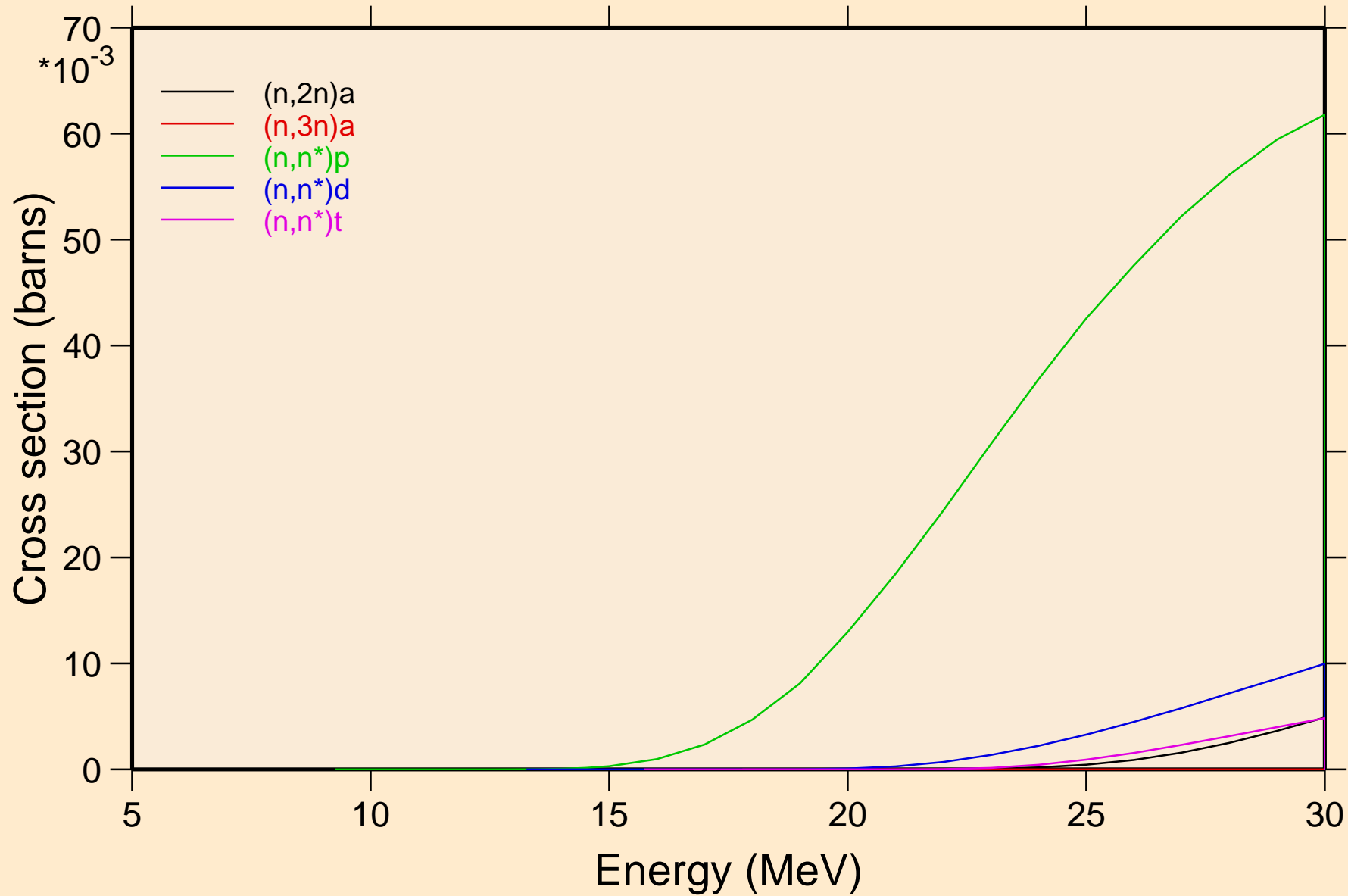


TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

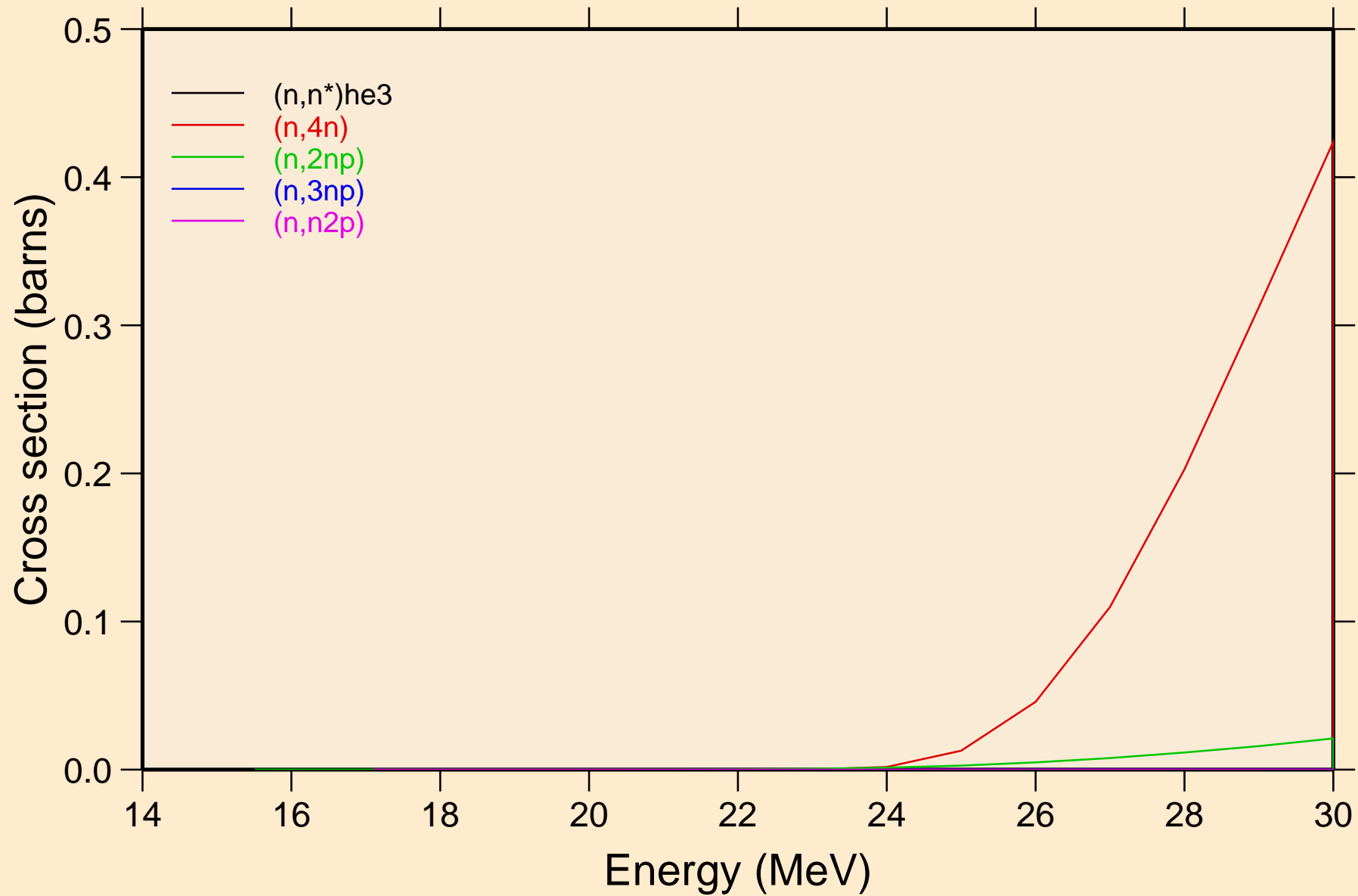


# TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

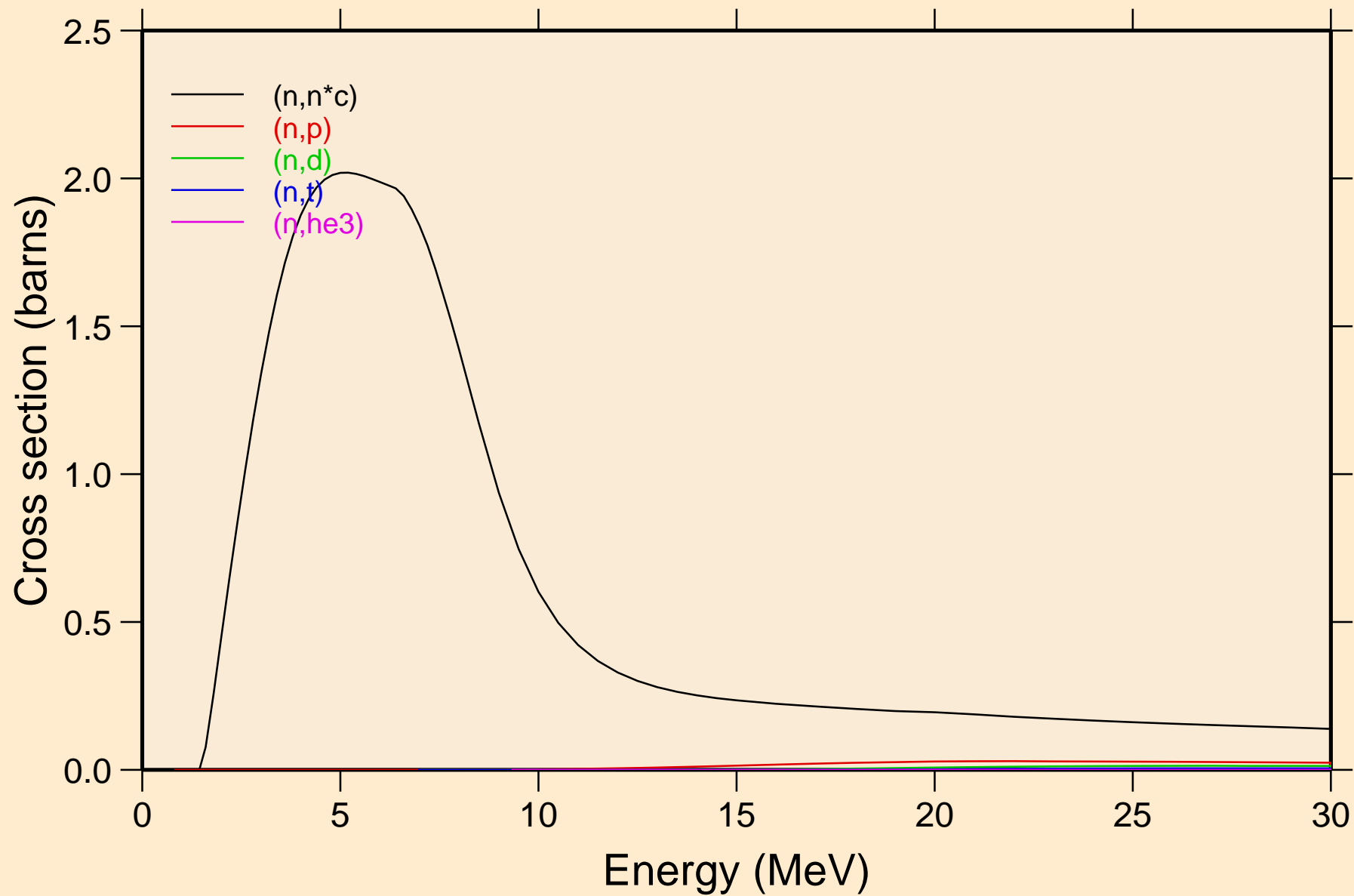
## Threshold reactions



TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

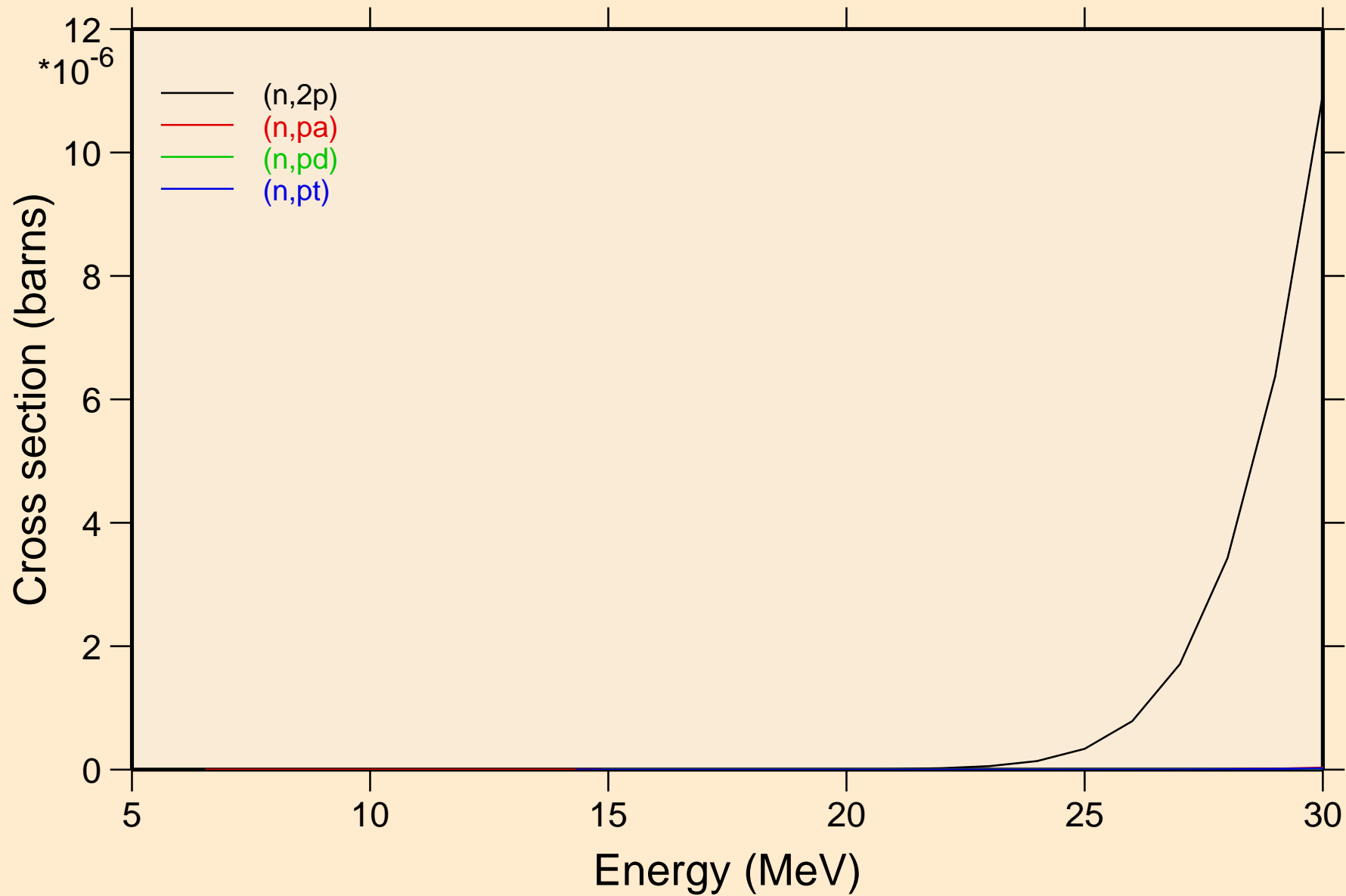


TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

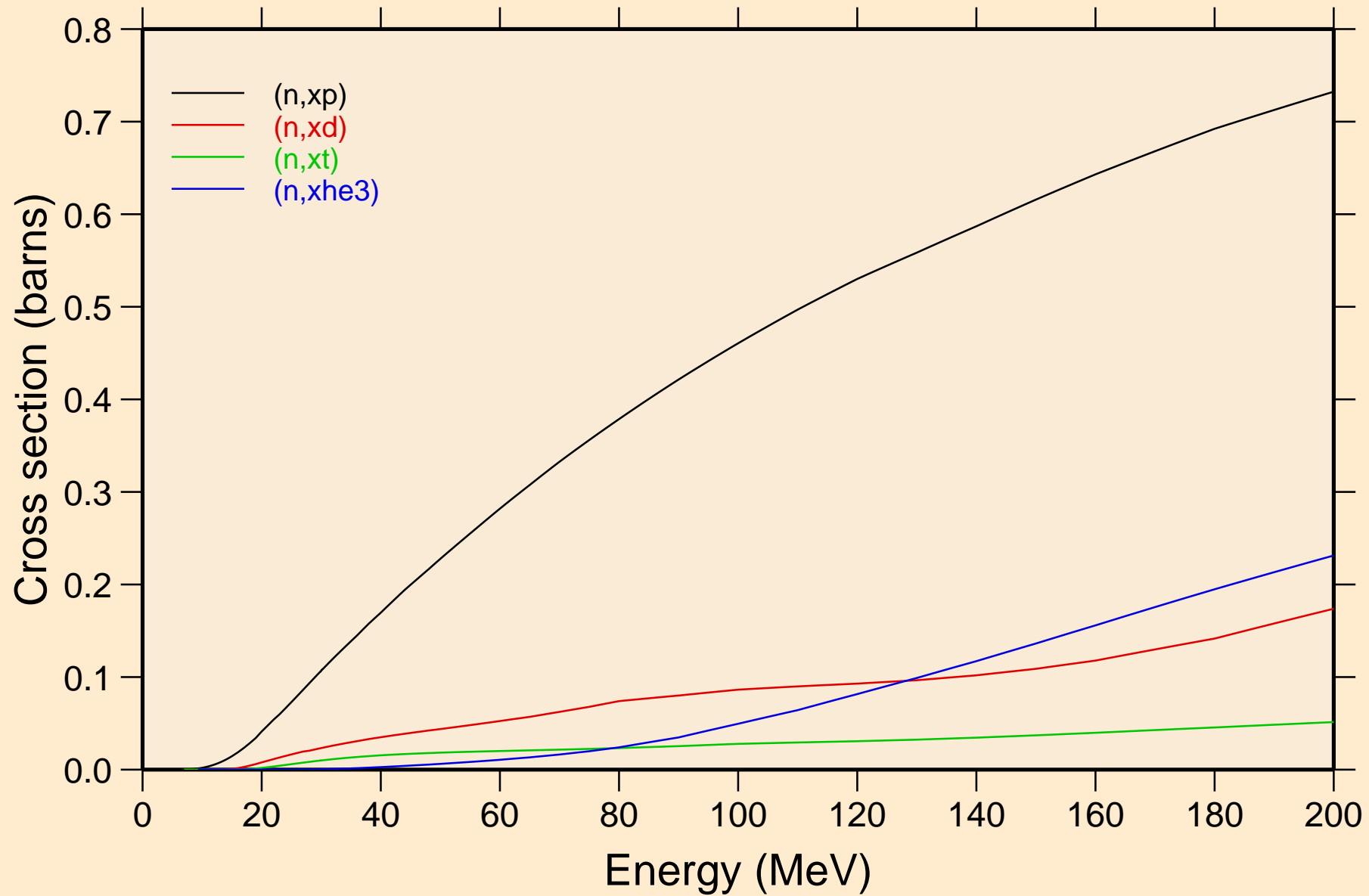




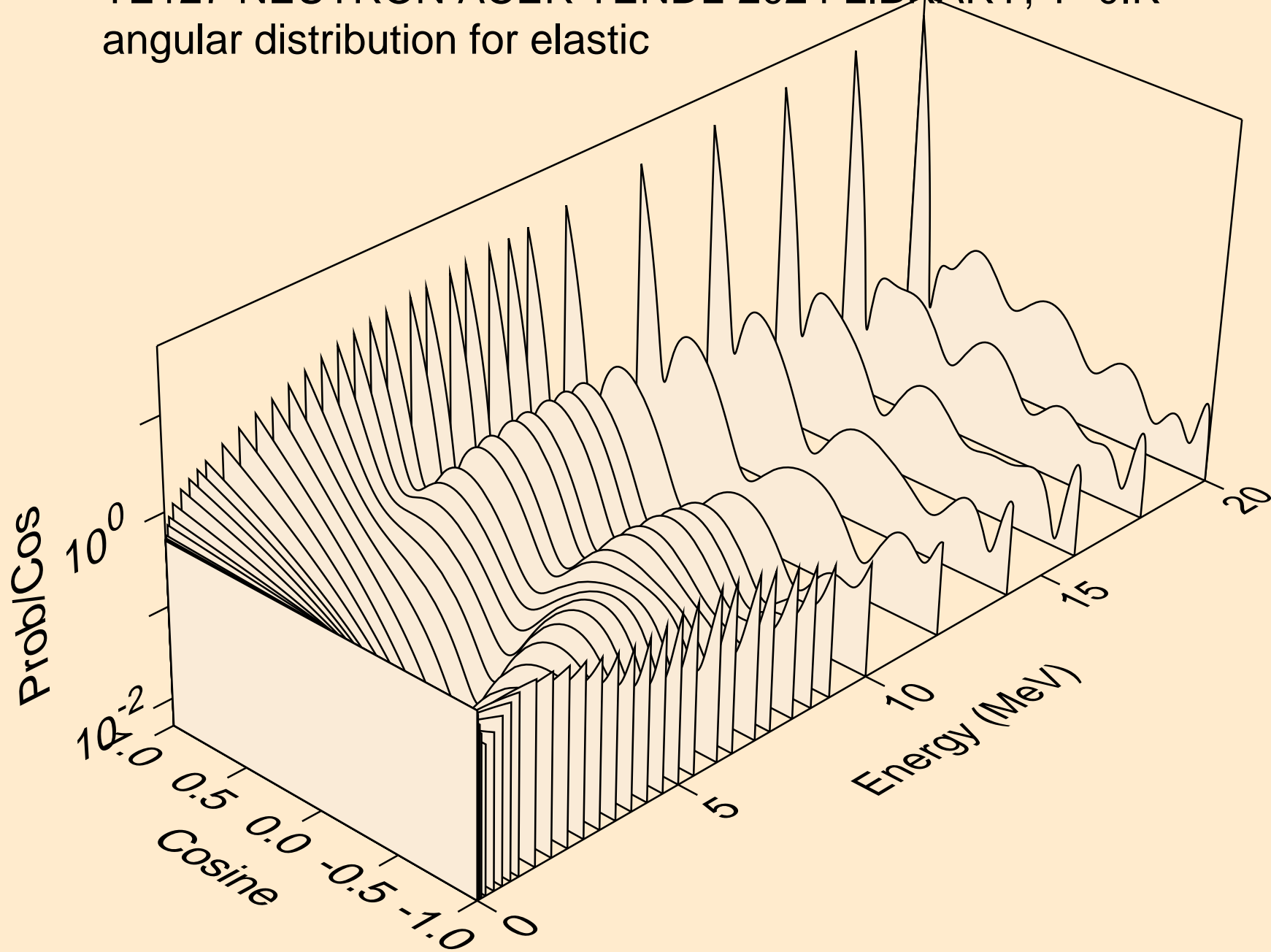
TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



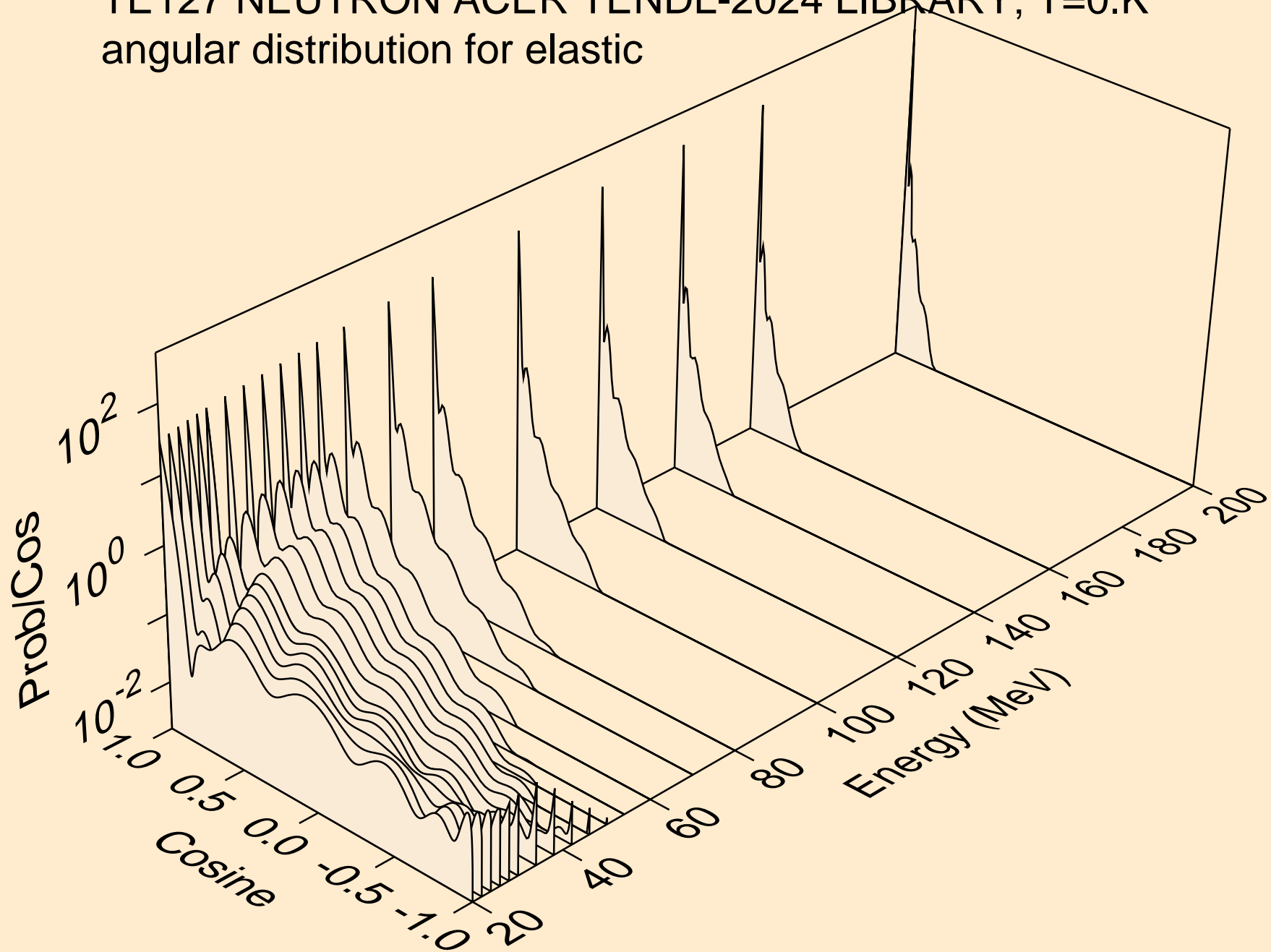
TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



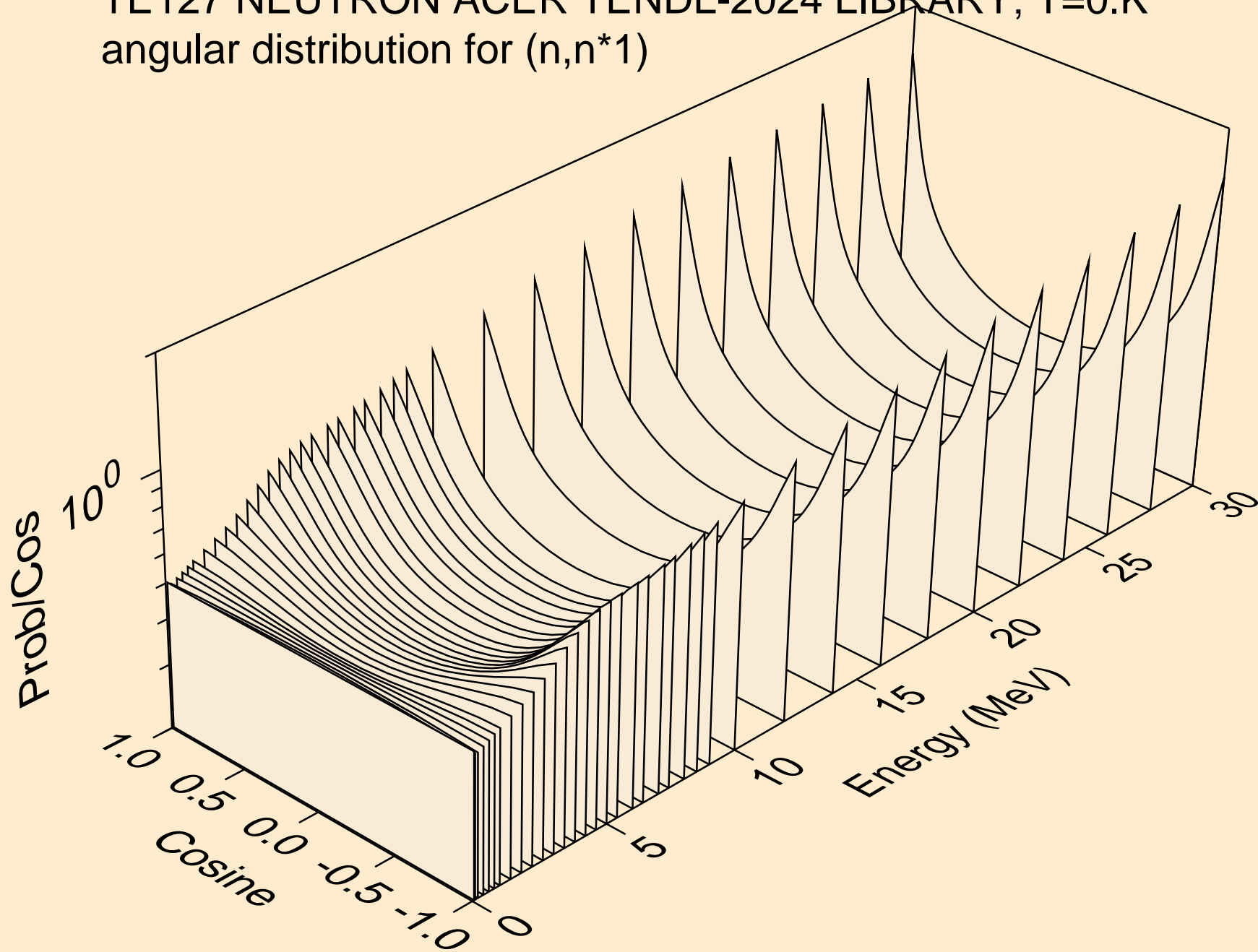
TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



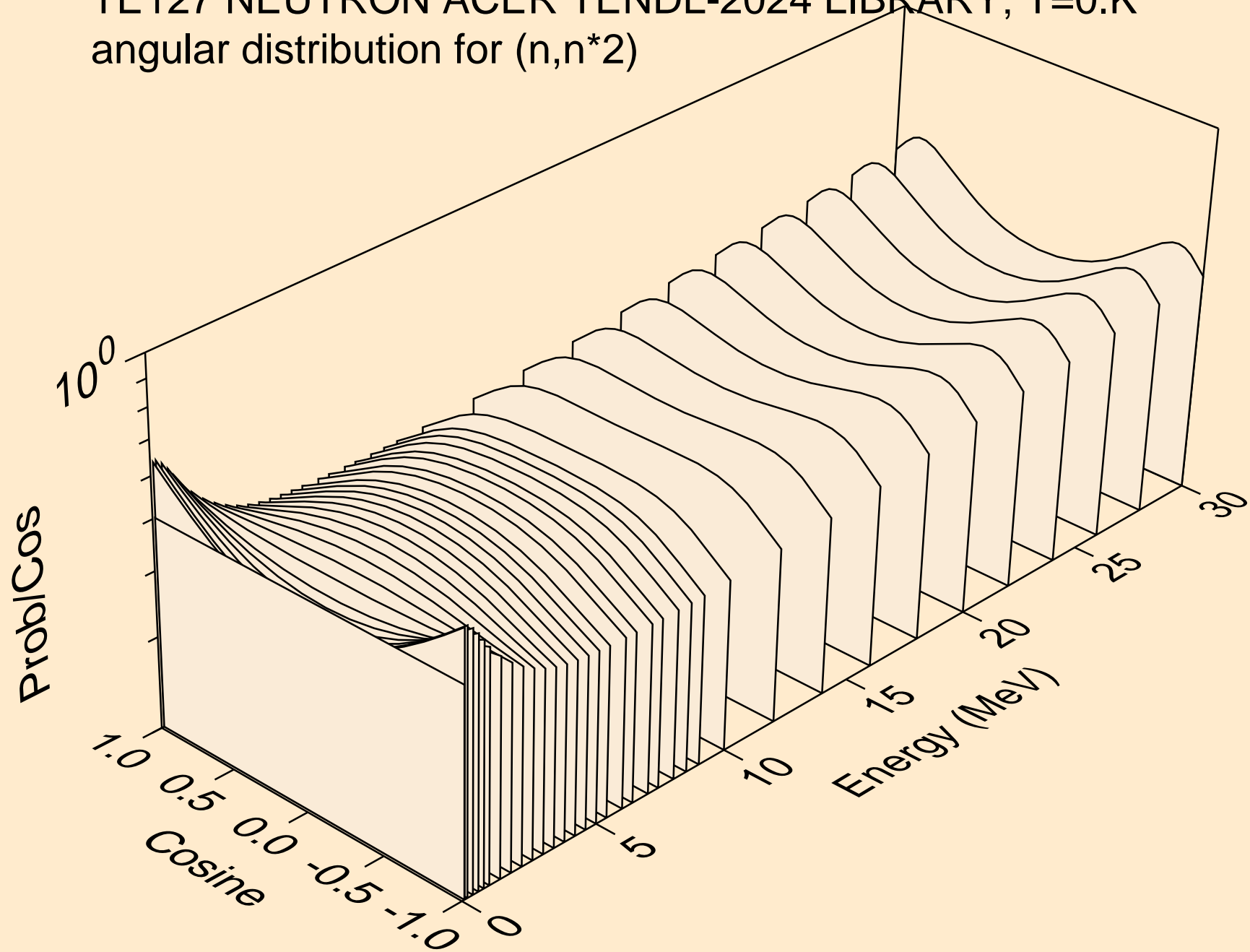
TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



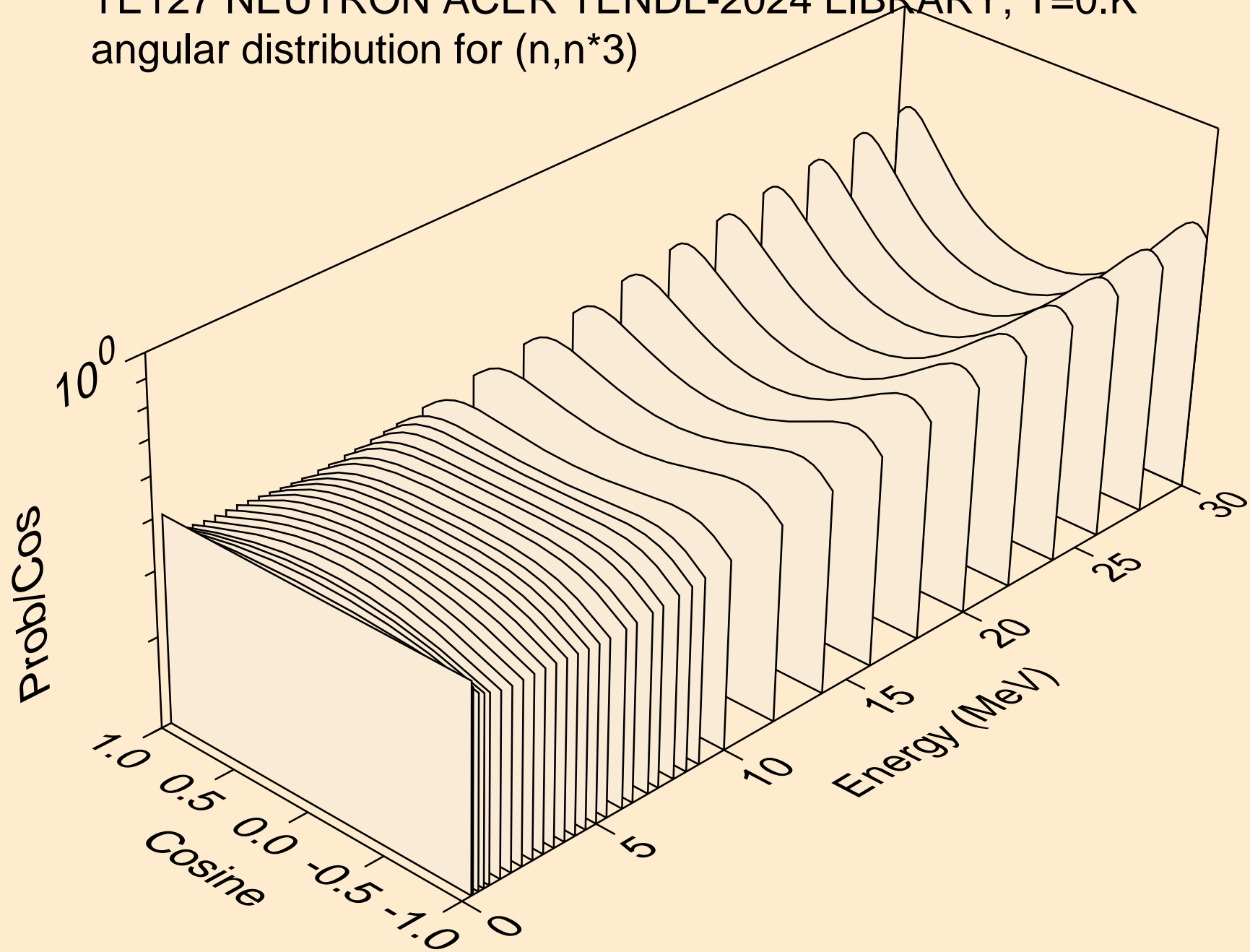
TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



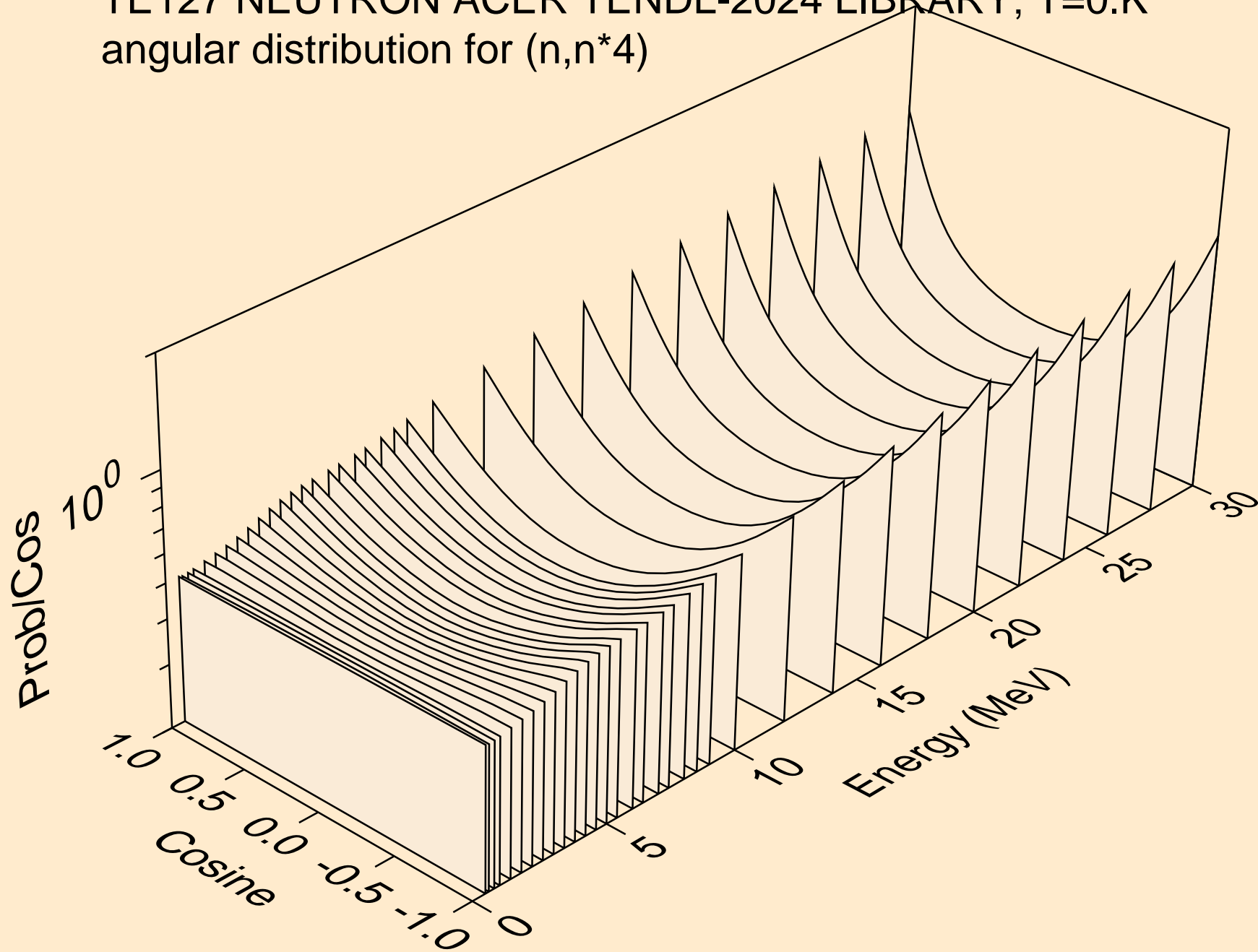
TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)

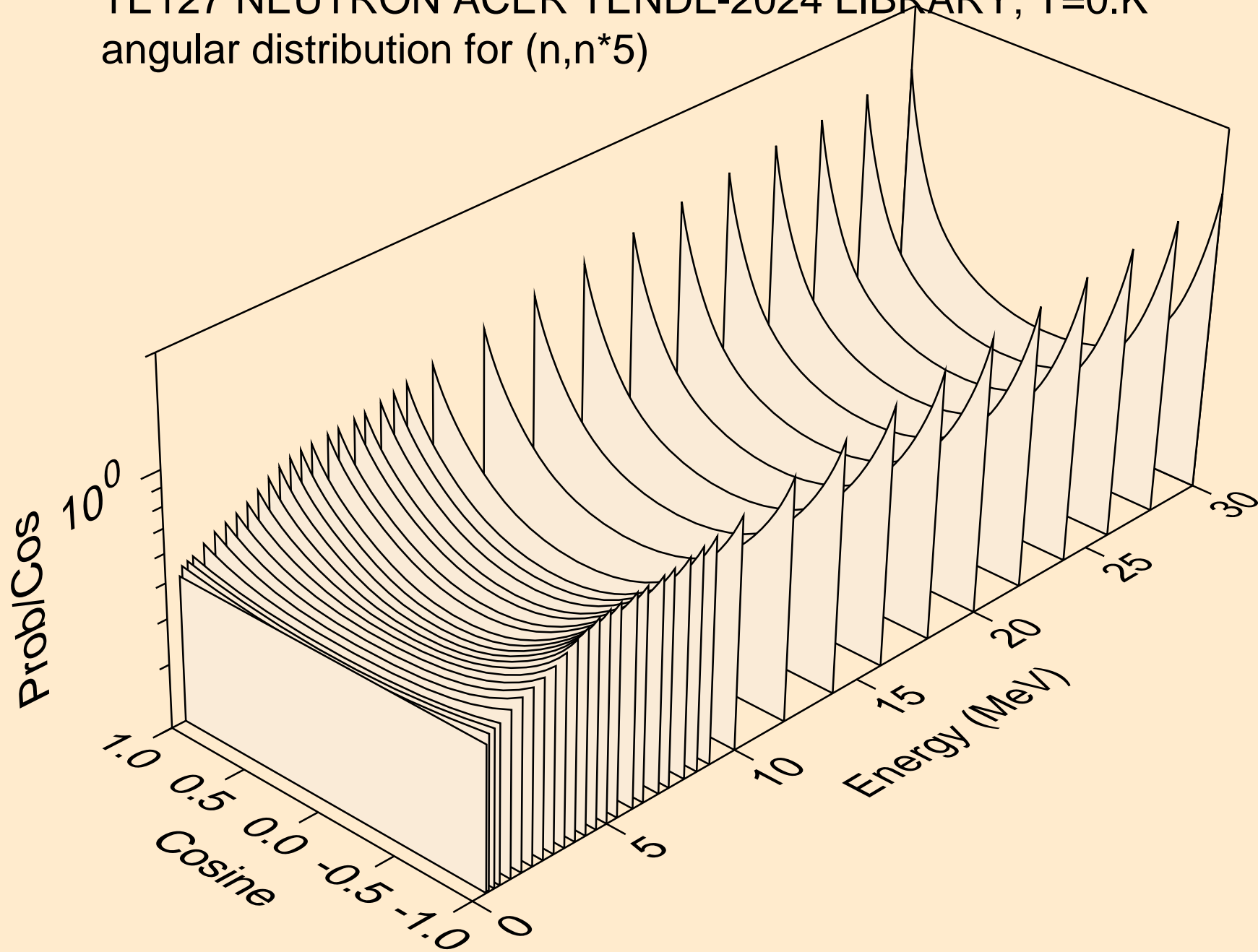


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angular distribution for (n,n\*4)

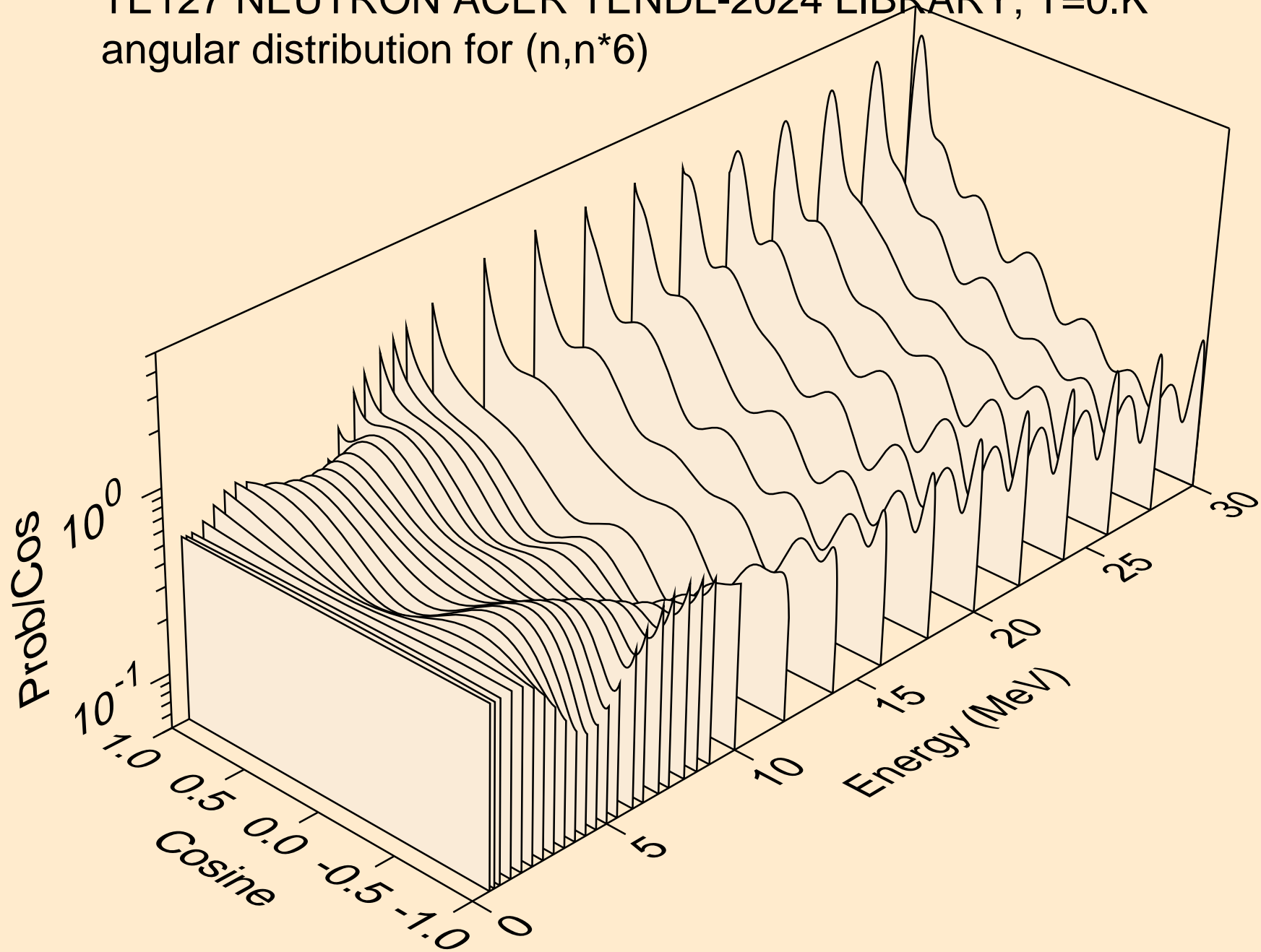




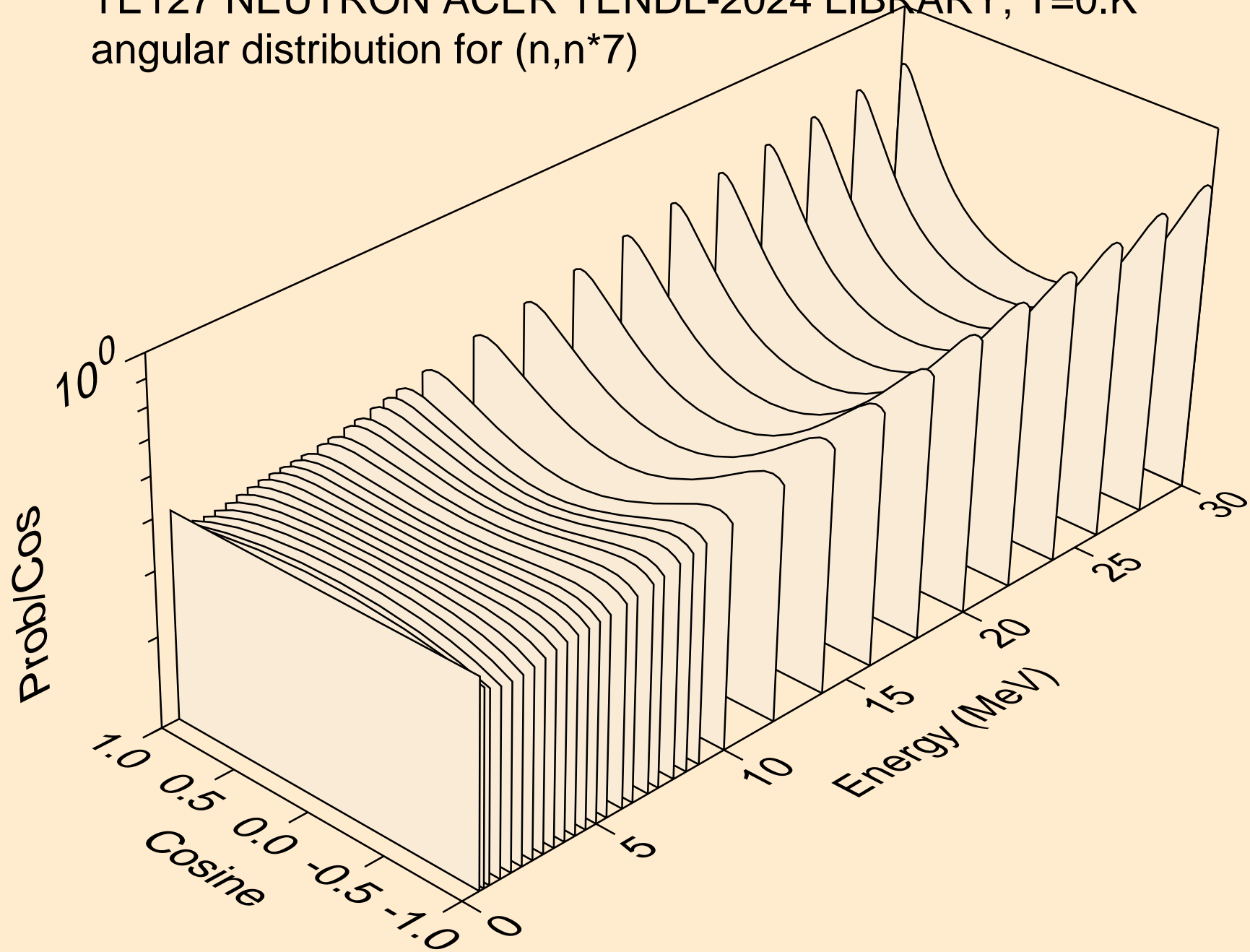
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angular distribution for (n,n\*5)



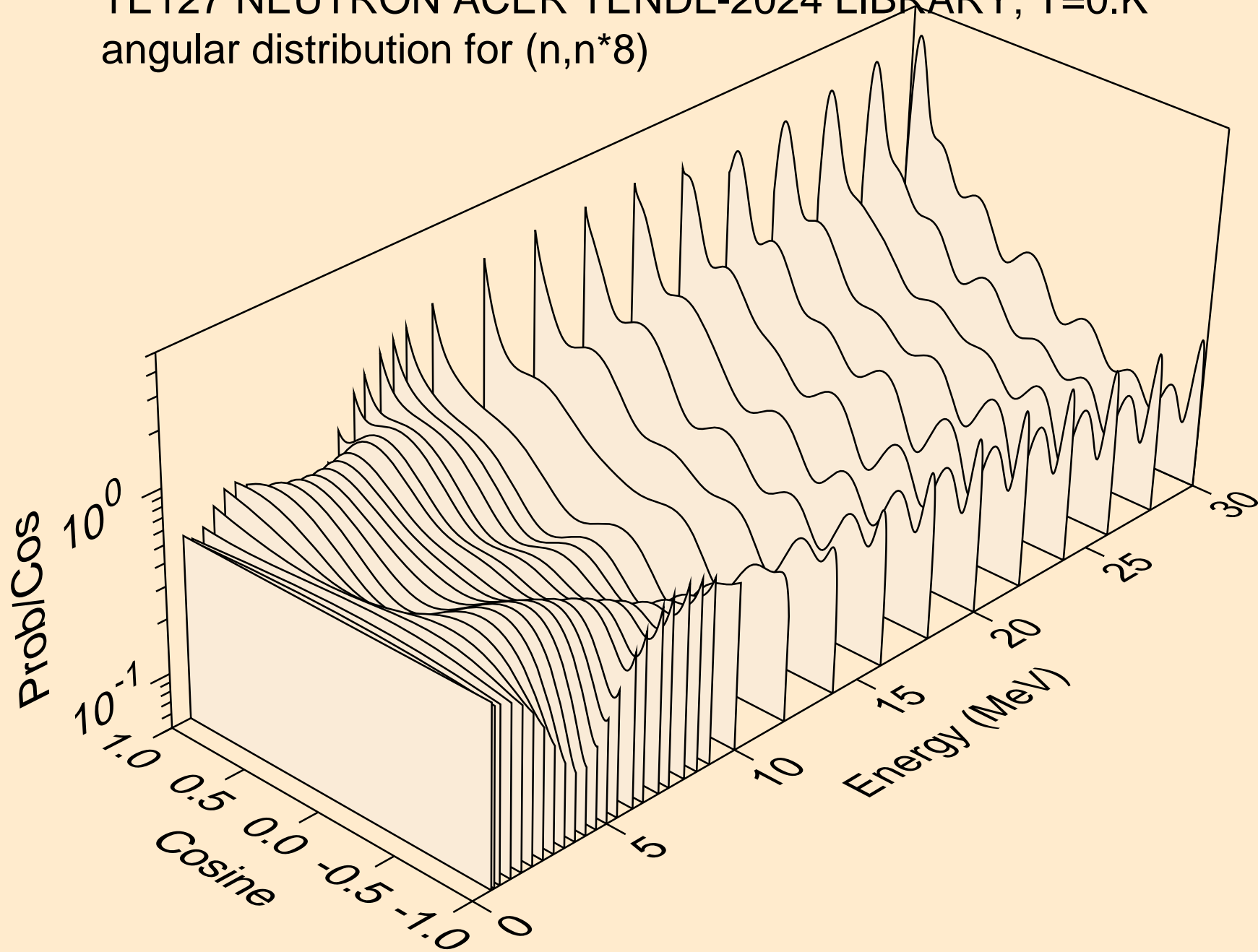
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angular distribution for (n,n\*6)



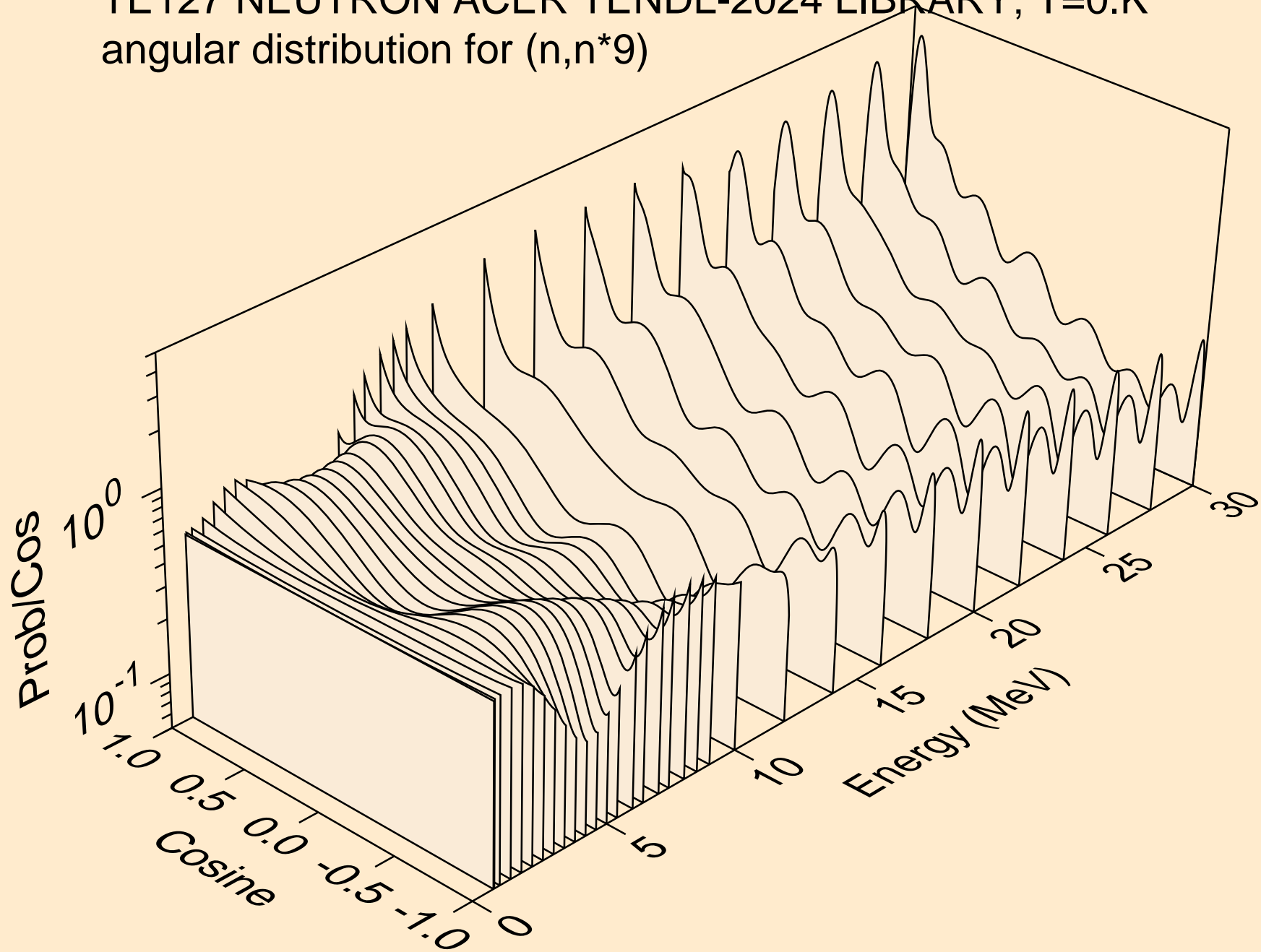
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angular distribution for (n,n\*7)



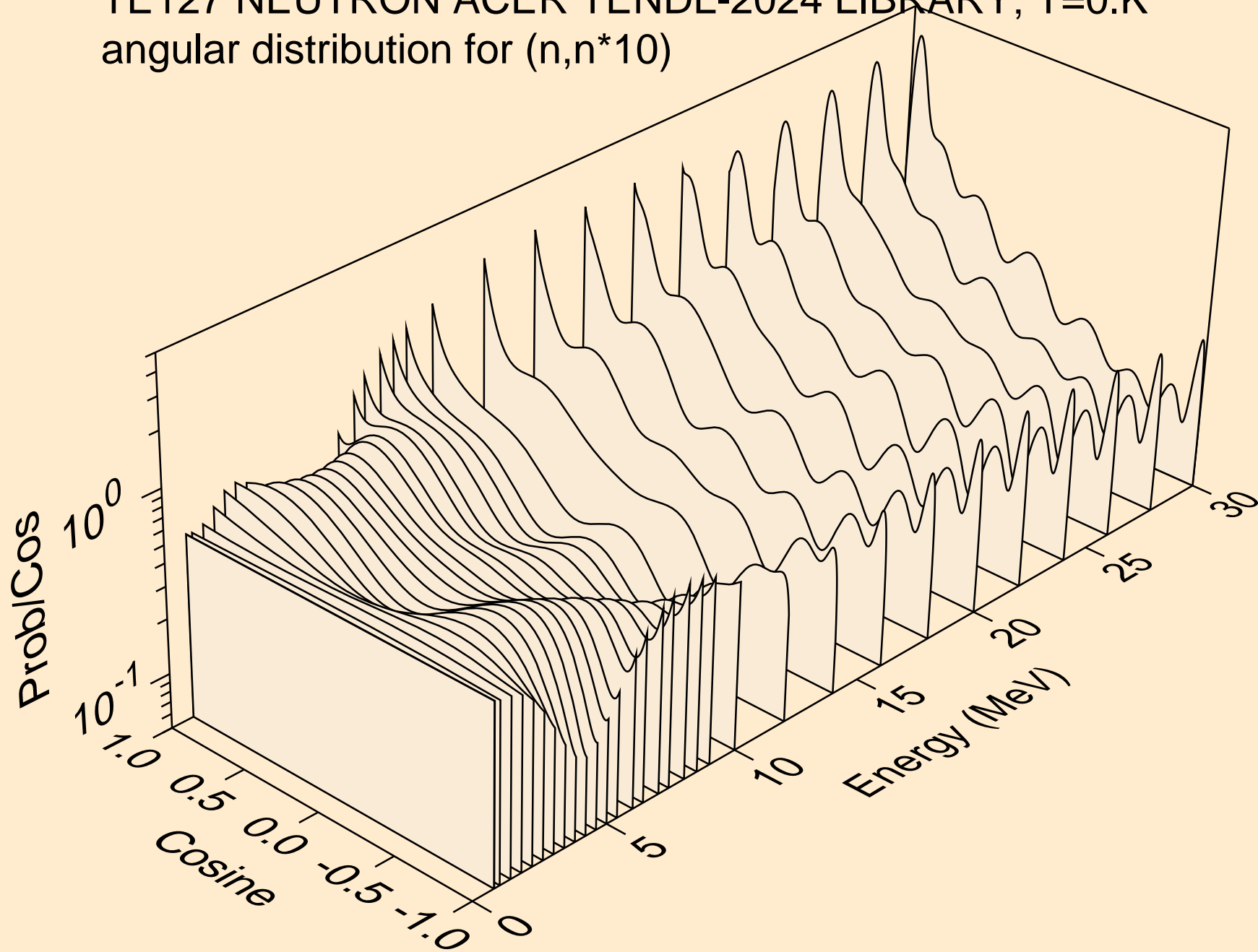
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angular distribution for (n,n\*8)



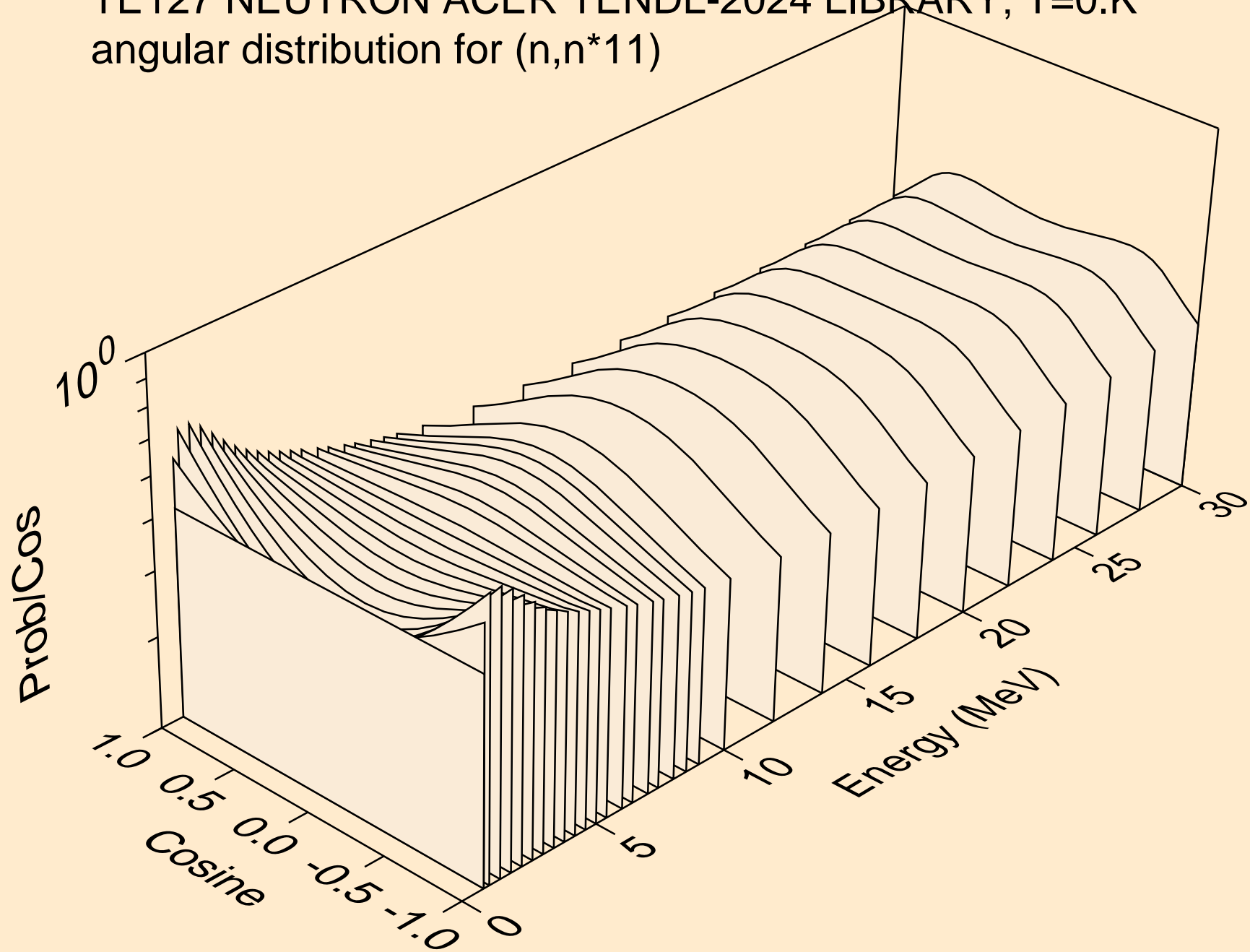
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angular distribution for (n,n\*9)



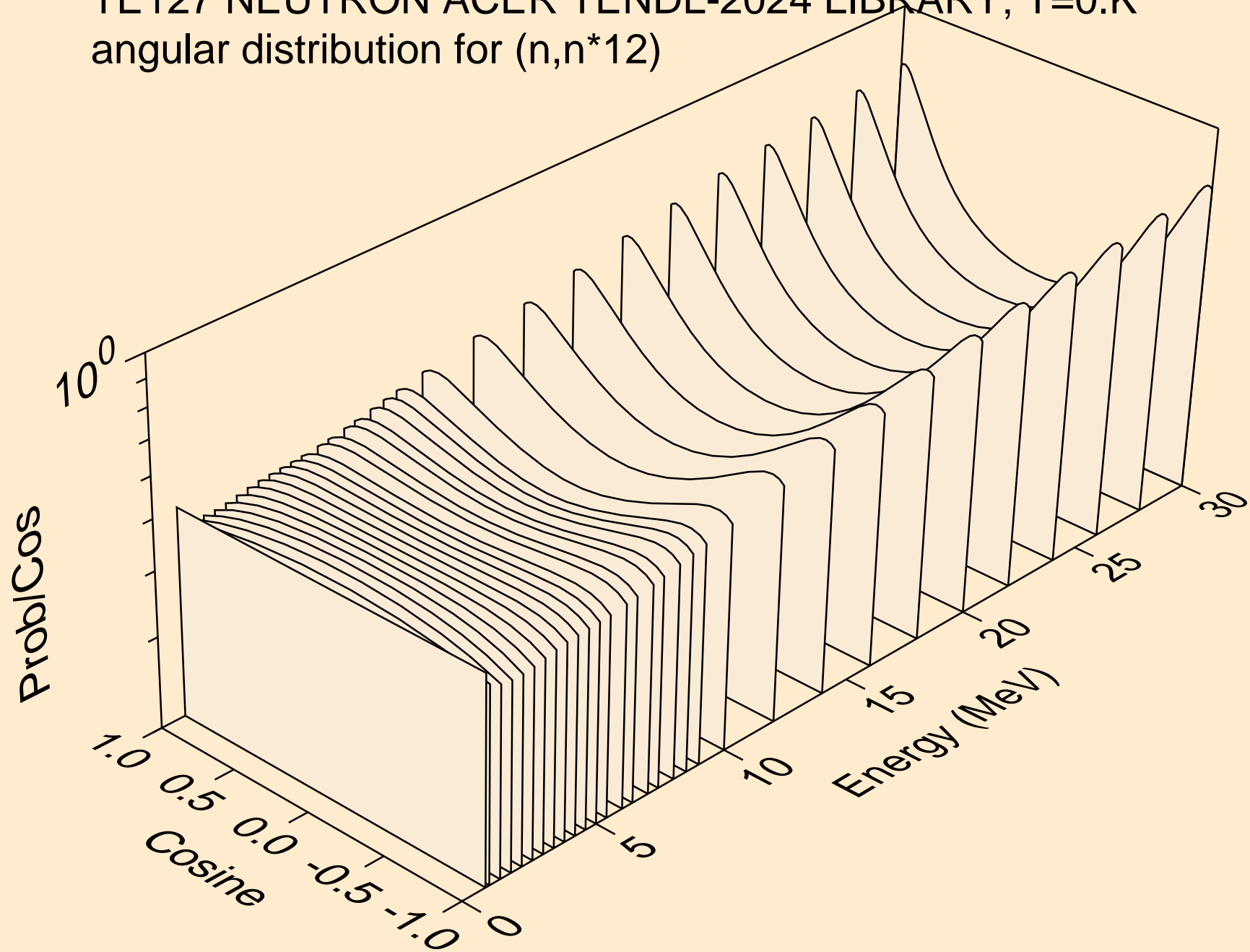
TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)

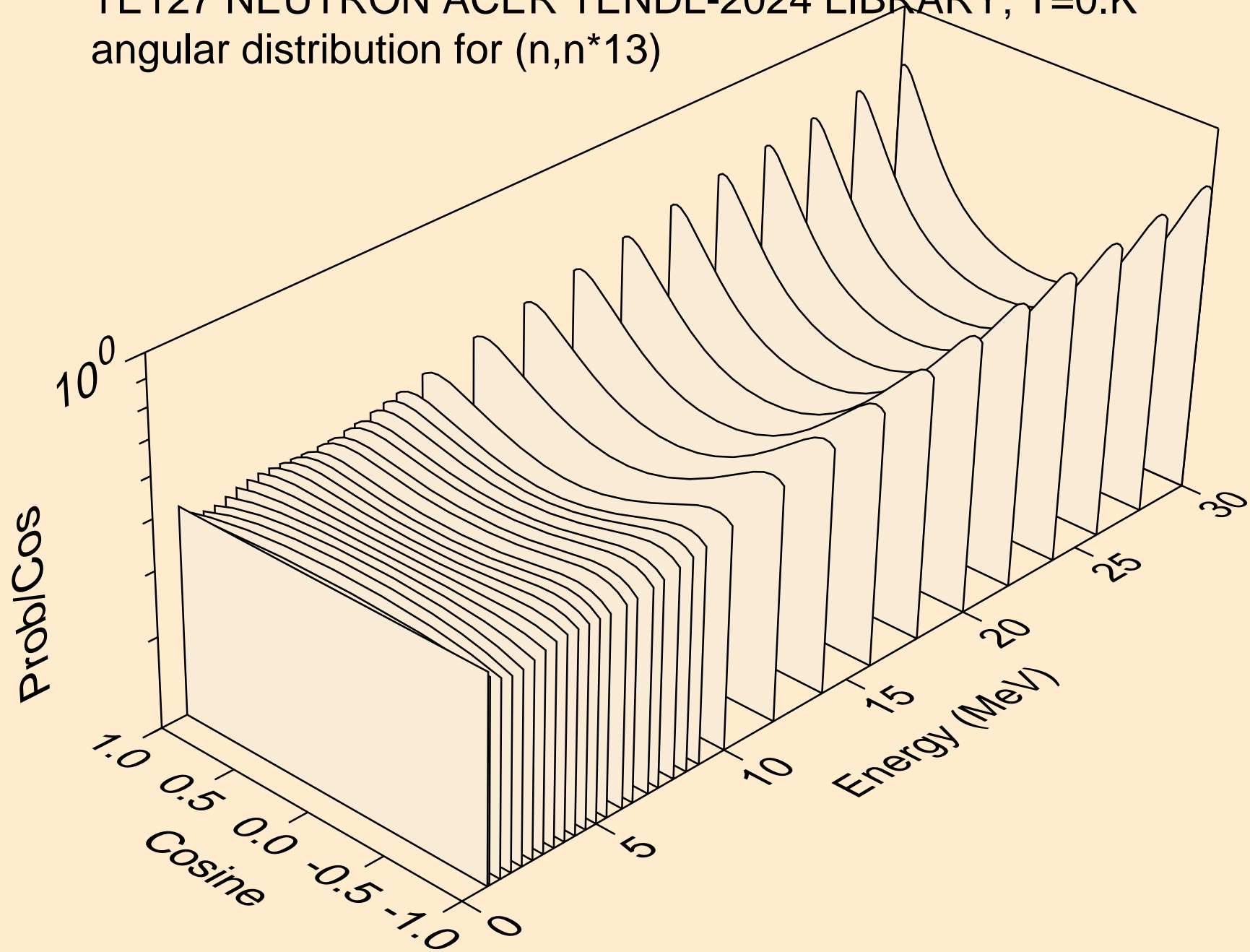


TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)

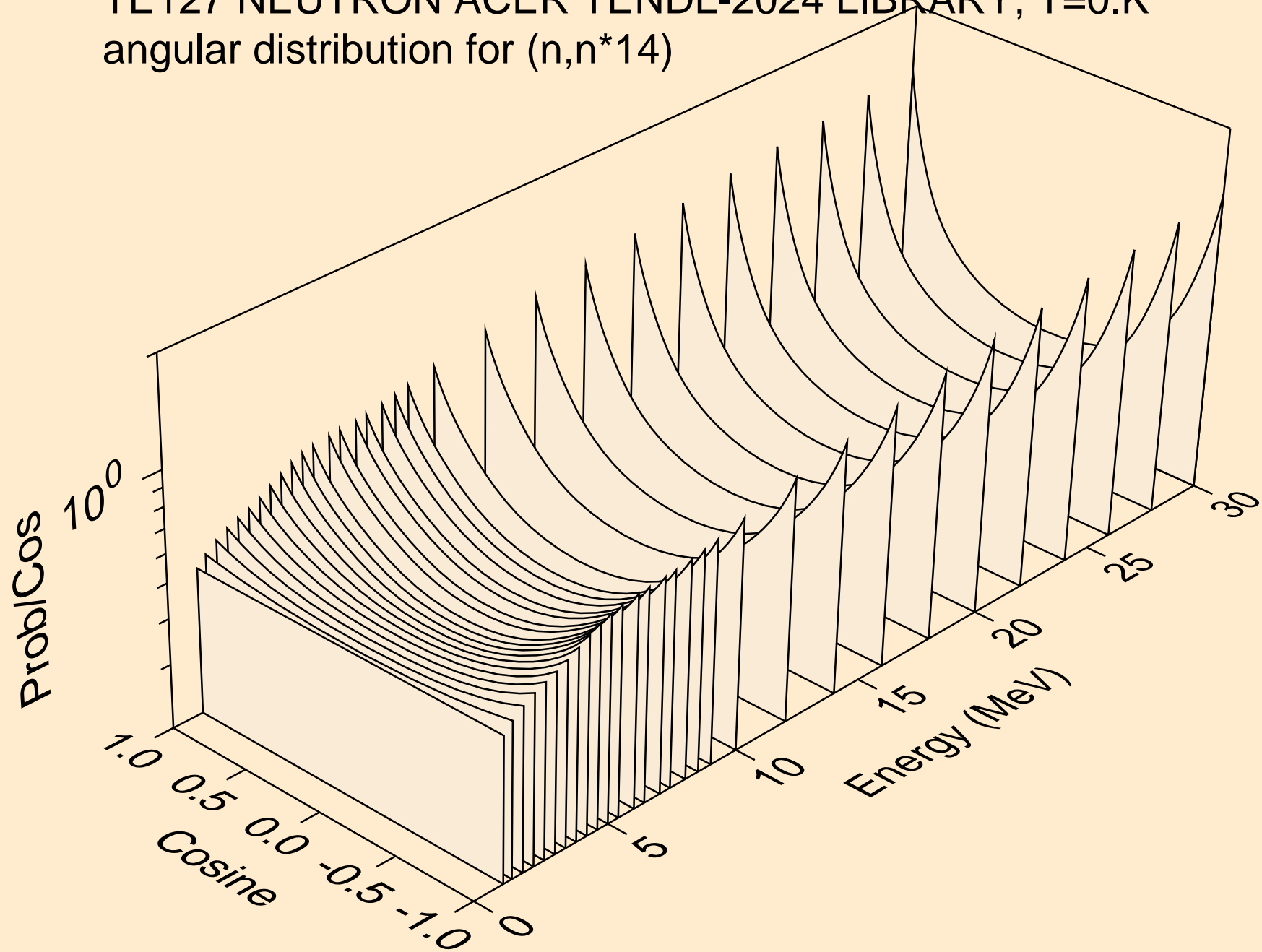




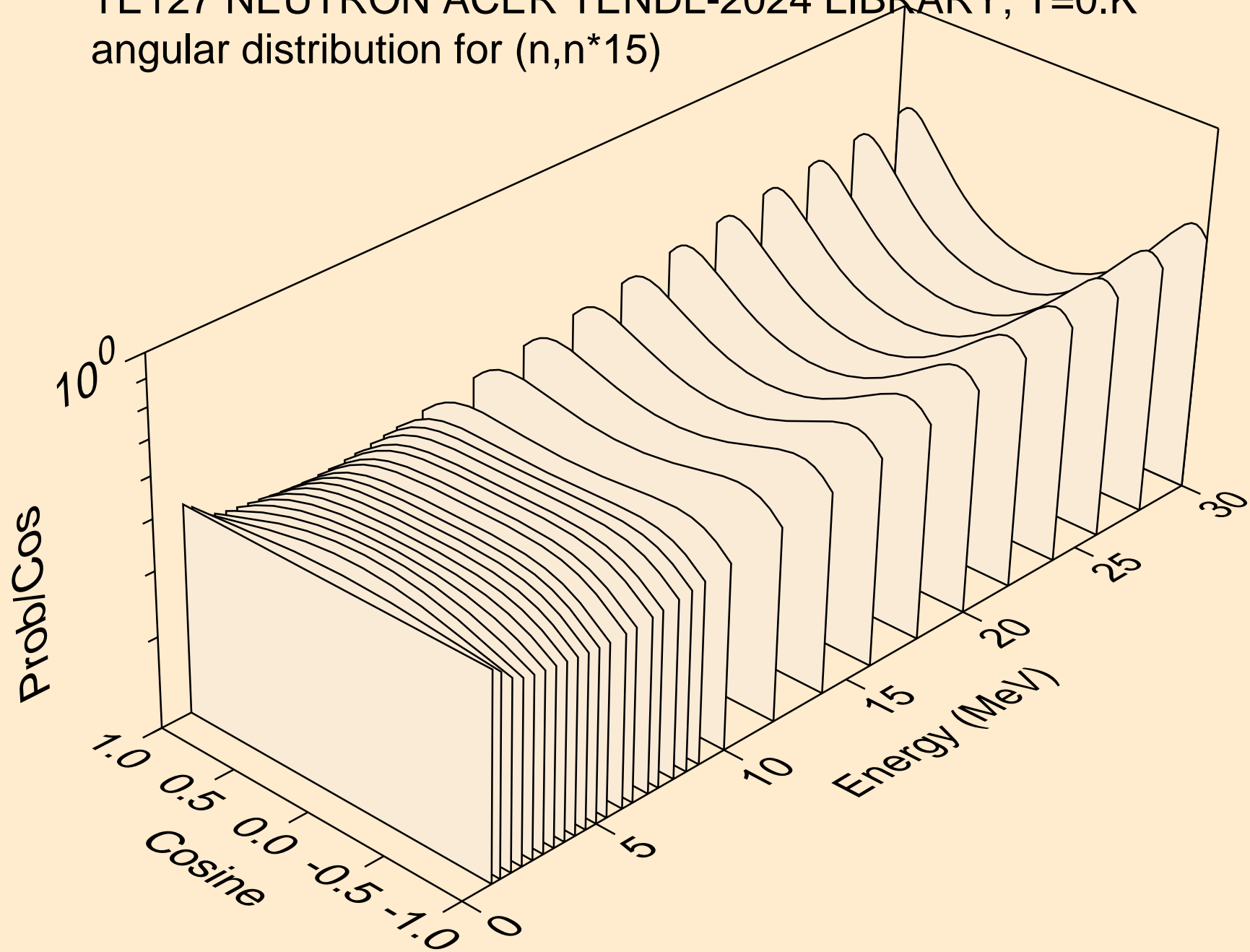
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angular distribution for (n,n\*13)



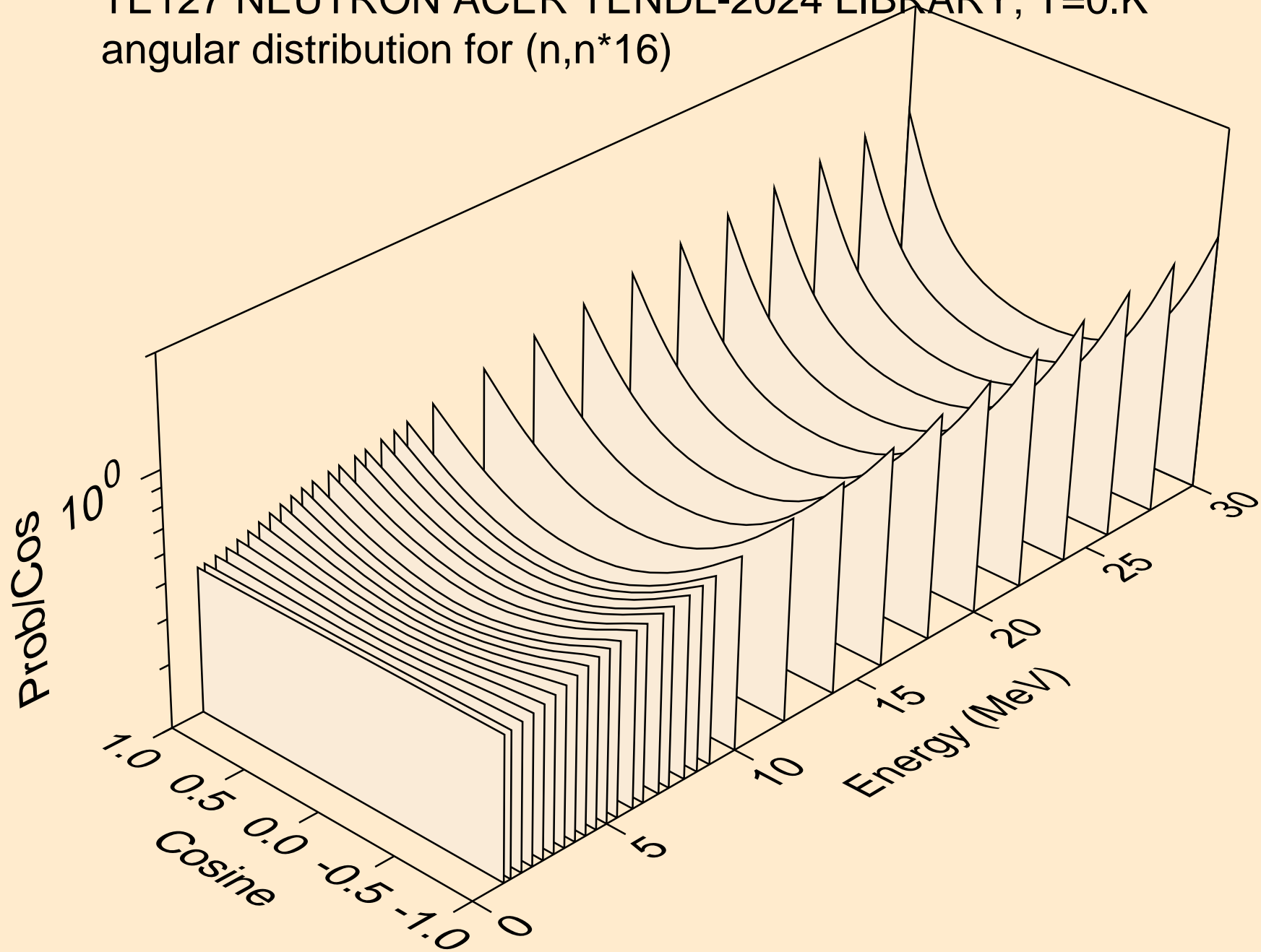
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angular distribution for (n,n\*14)



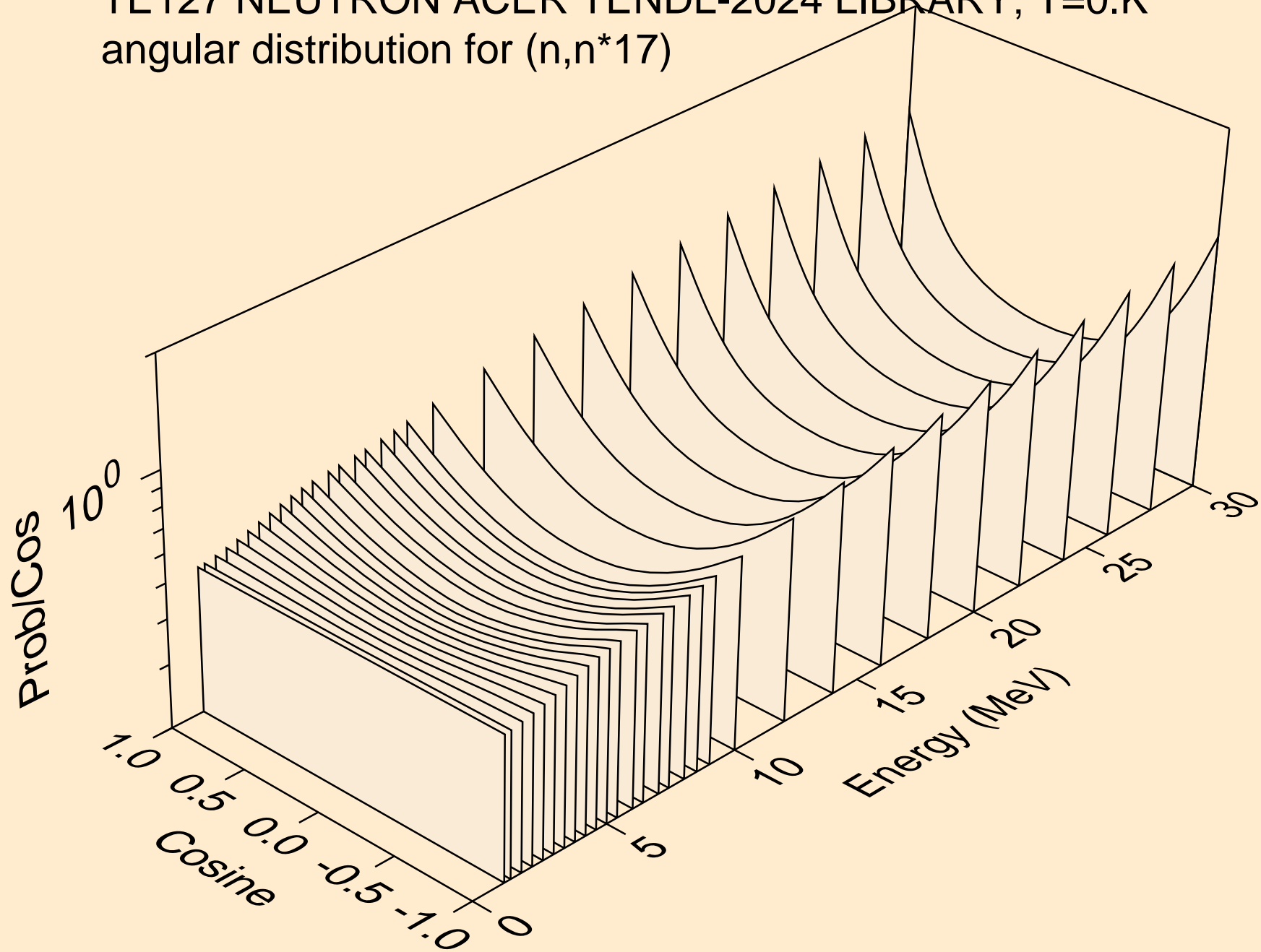
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angular distribution for (n,n\*15)



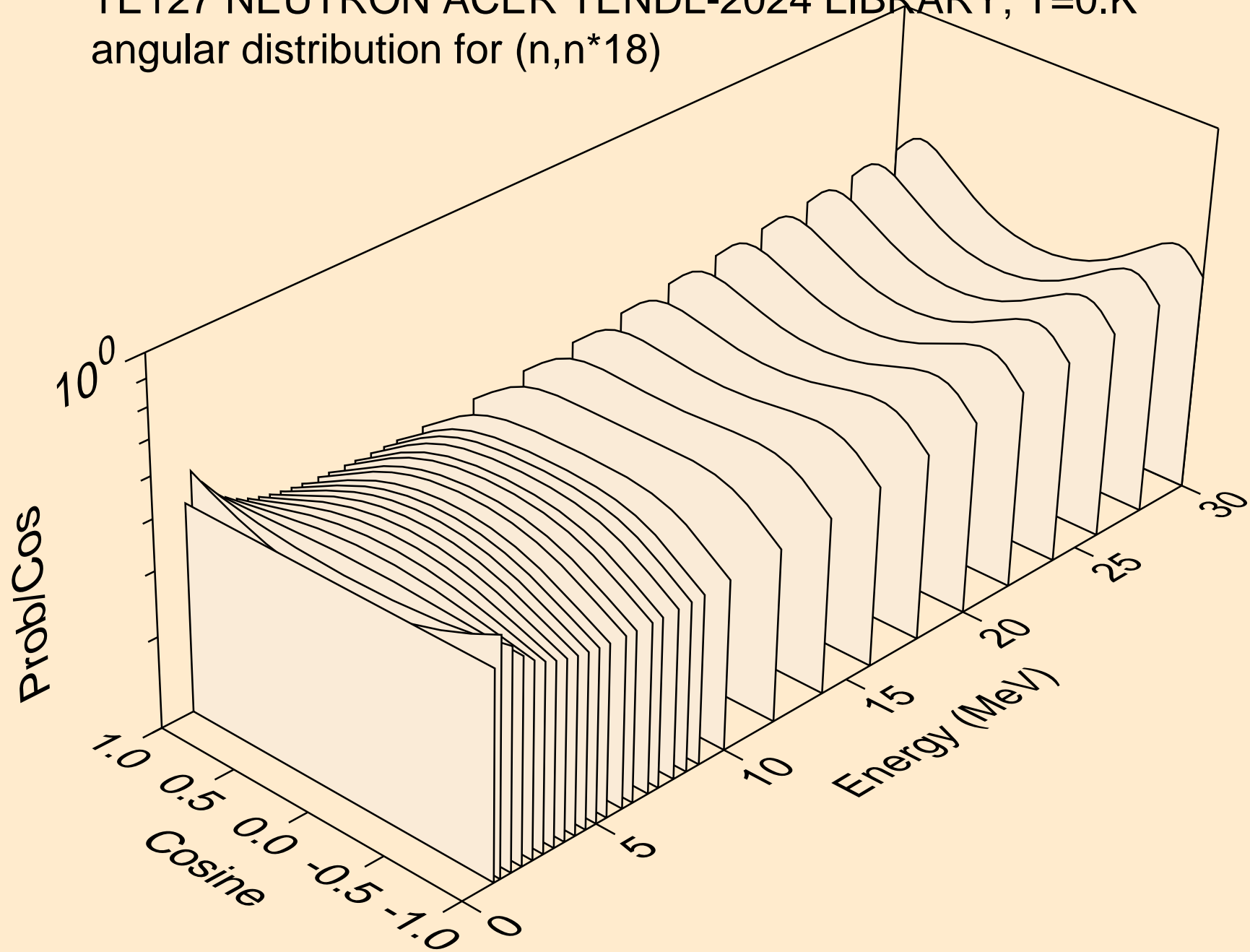
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angular distribution for (n,n\*16)



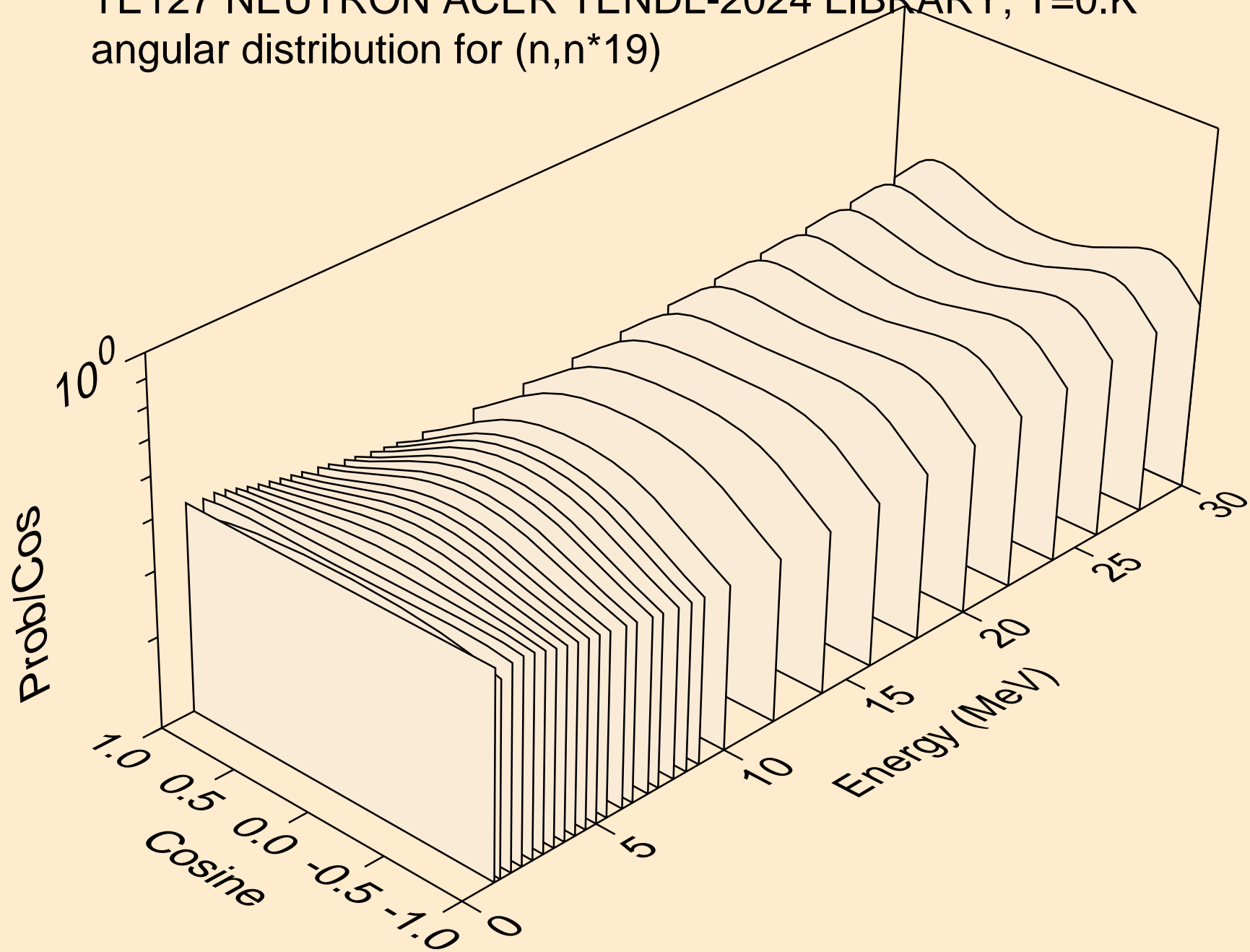
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angular distribution for (n,n\*17)



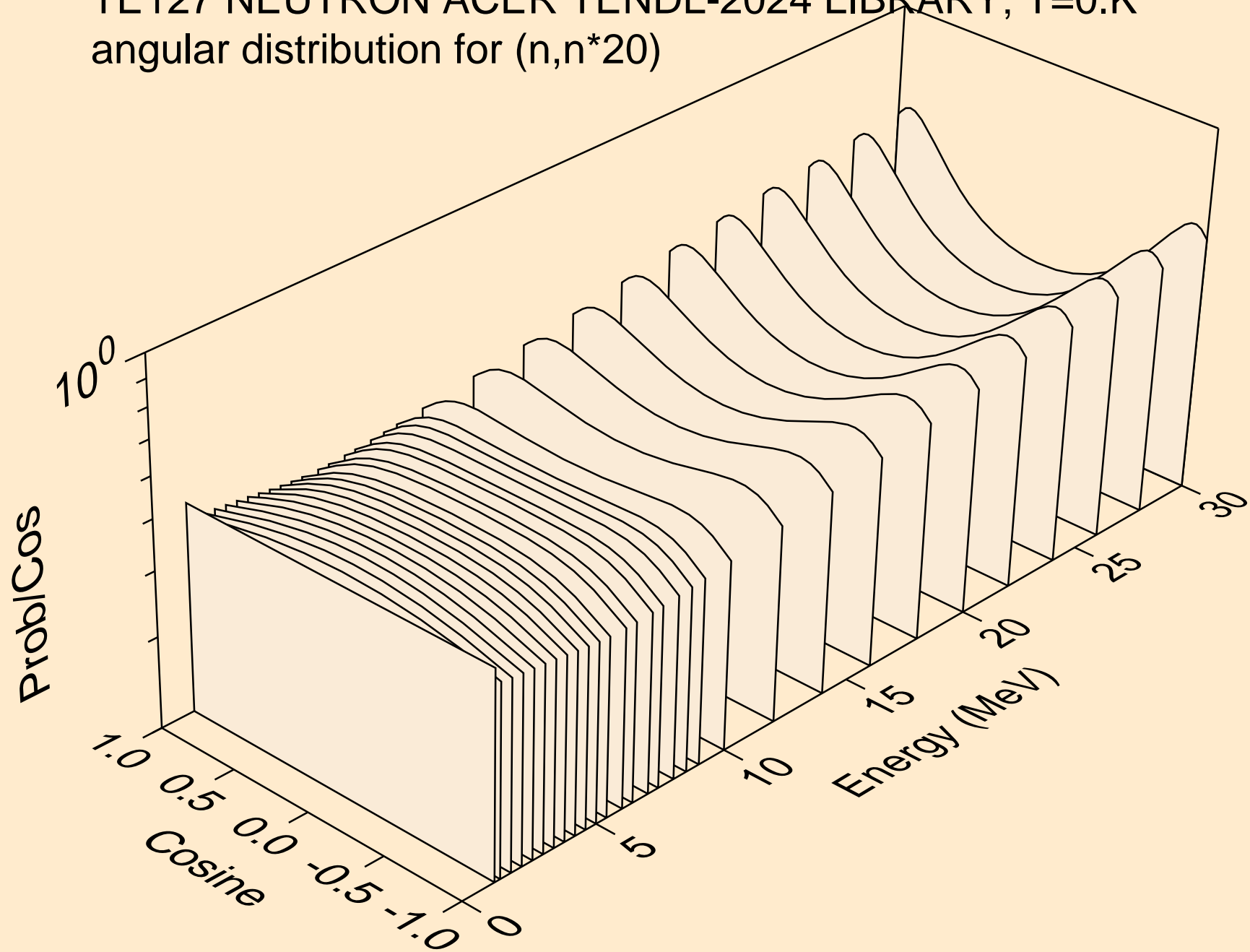
TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)



TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*19)

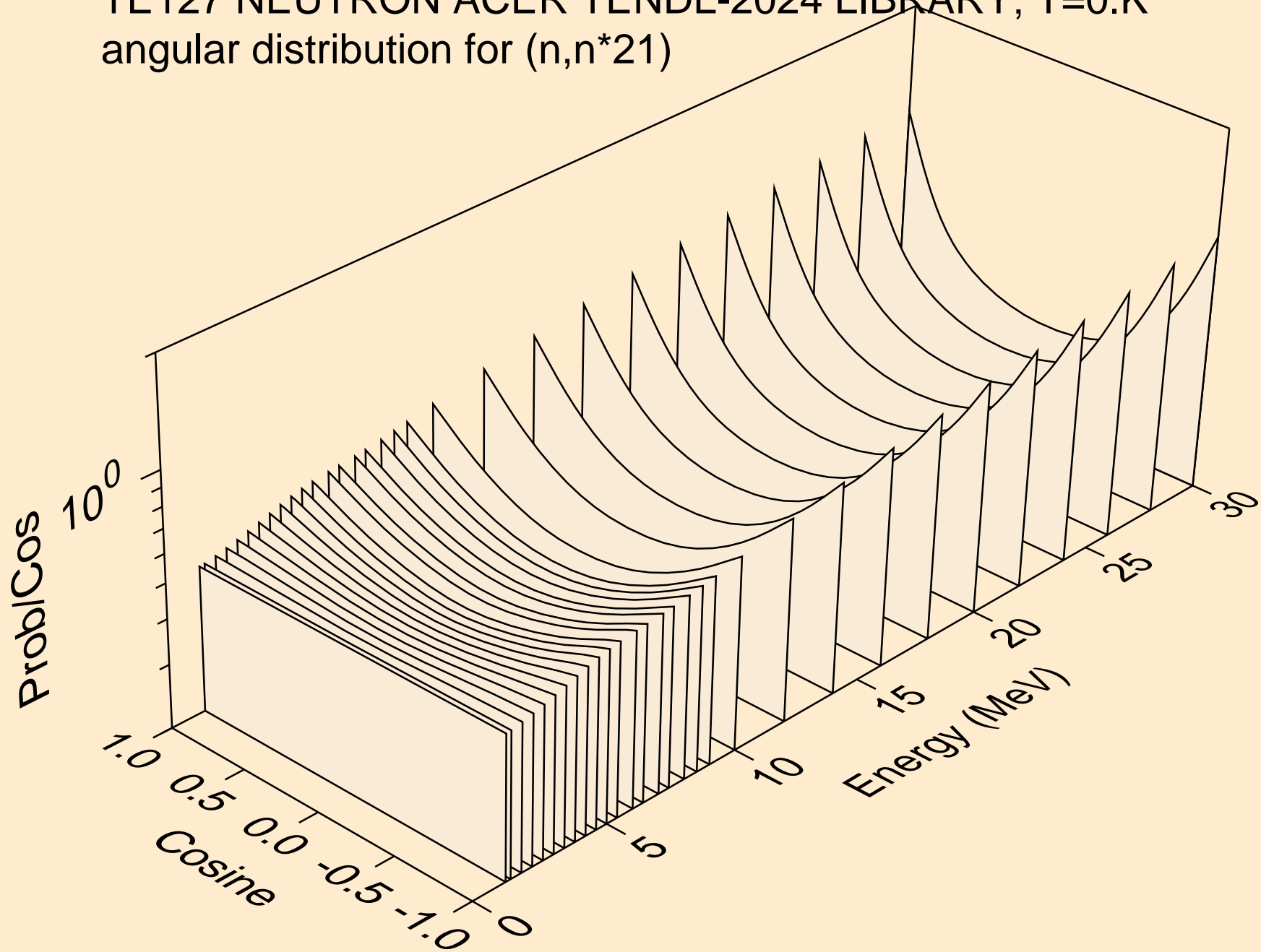


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angular distribution for (n,n\*20)

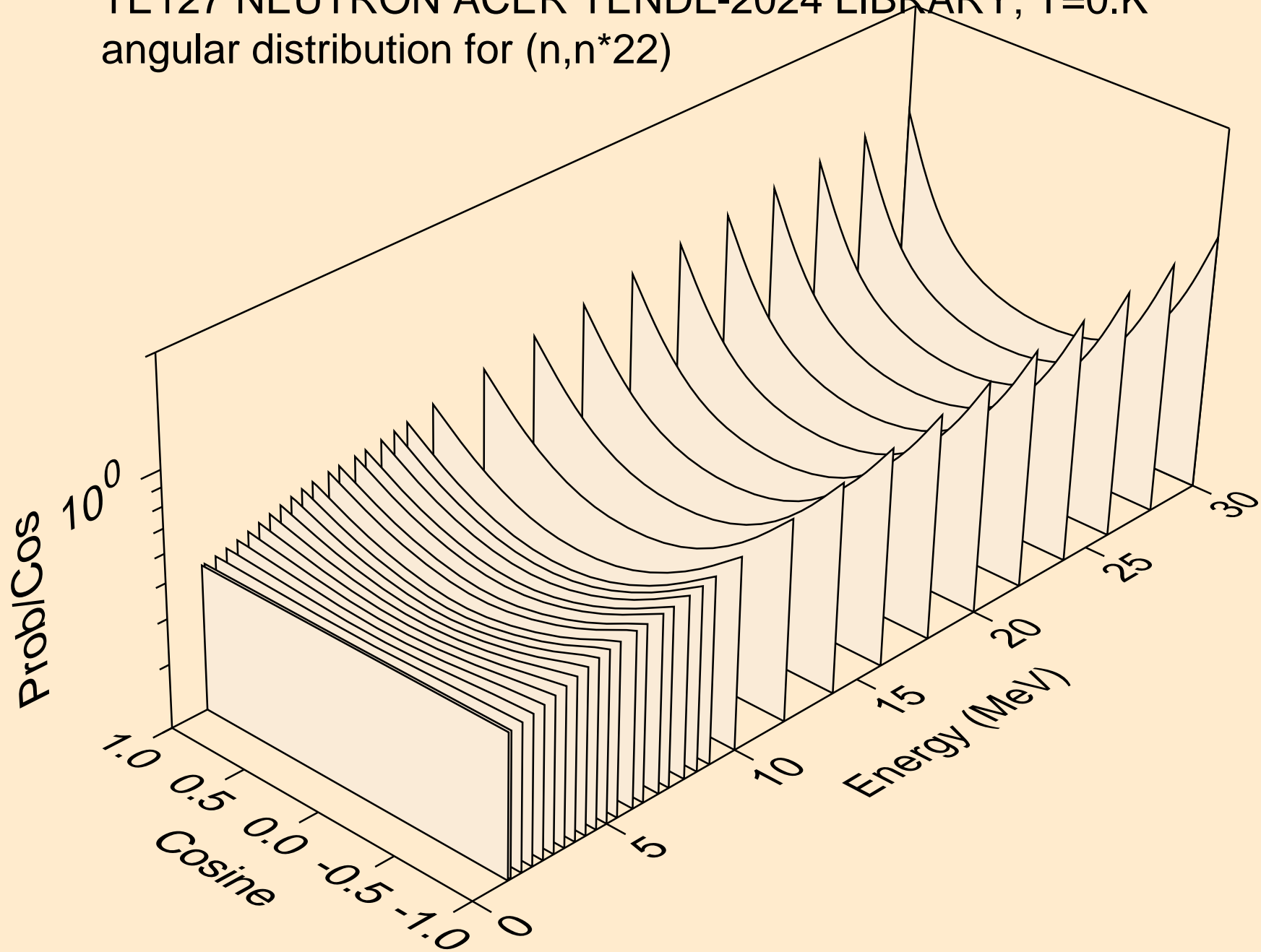




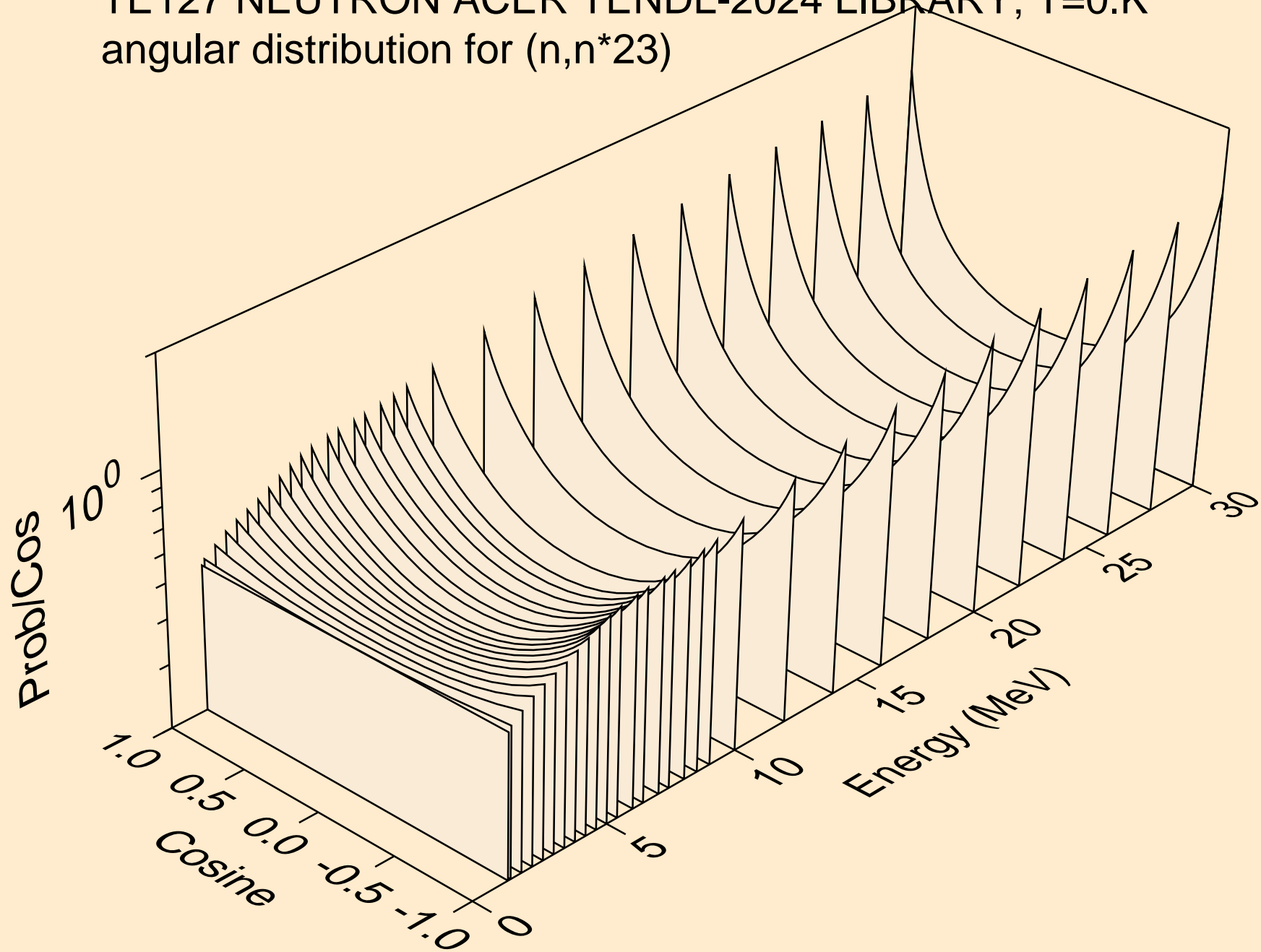
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angular distribution for (n,n\*21)



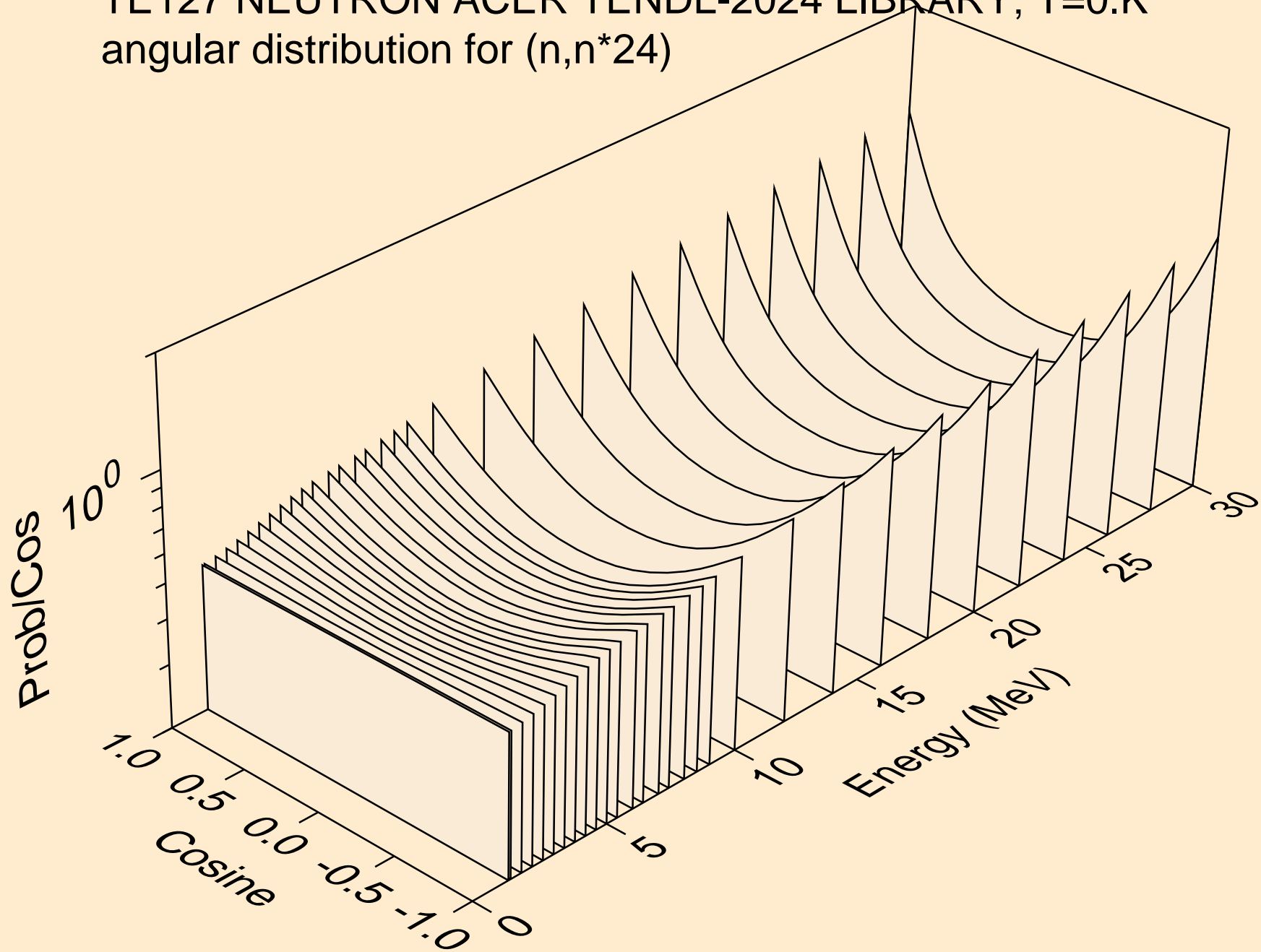
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angular distribution for (n,n\*22)



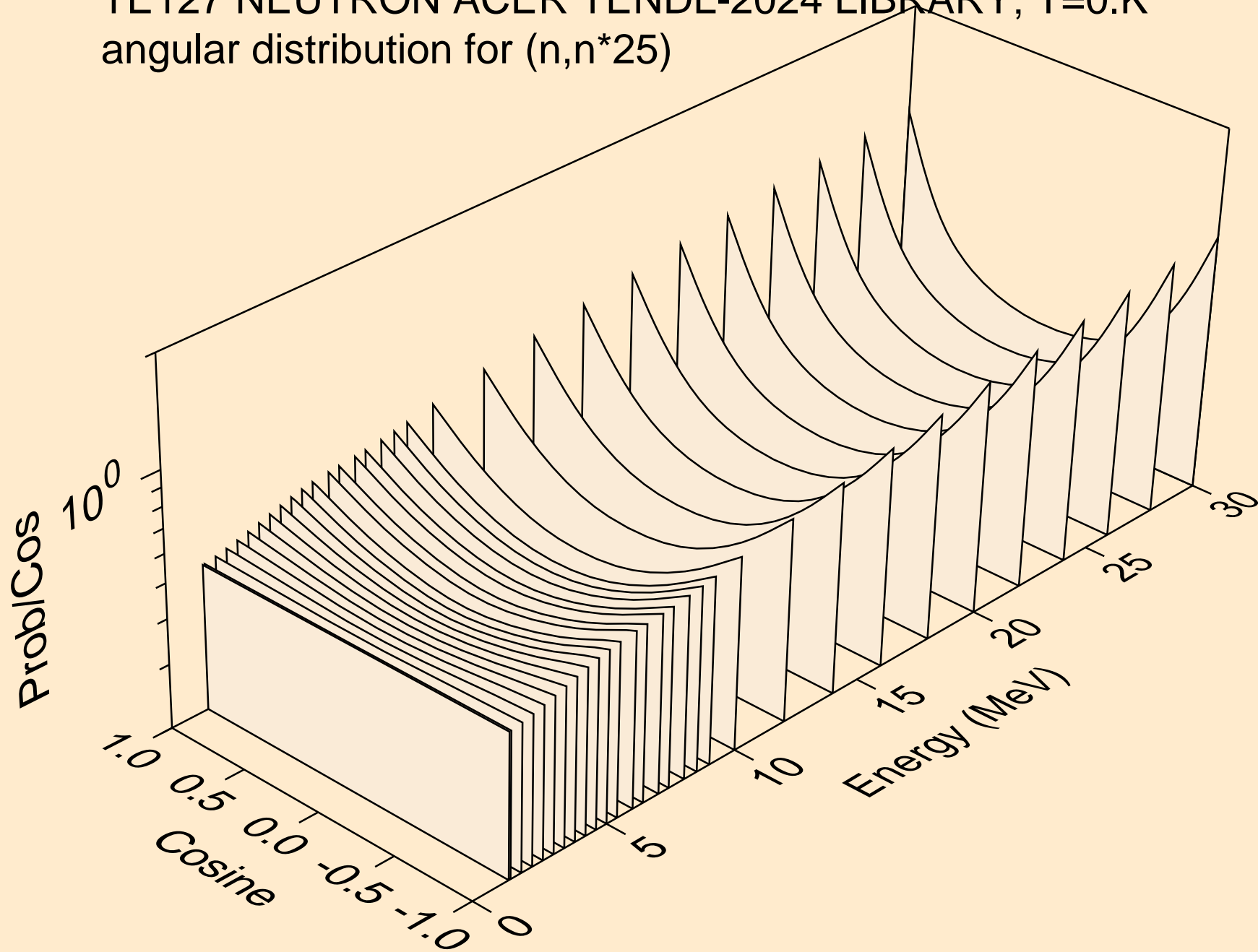
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angular distribution for (n,n\*23)



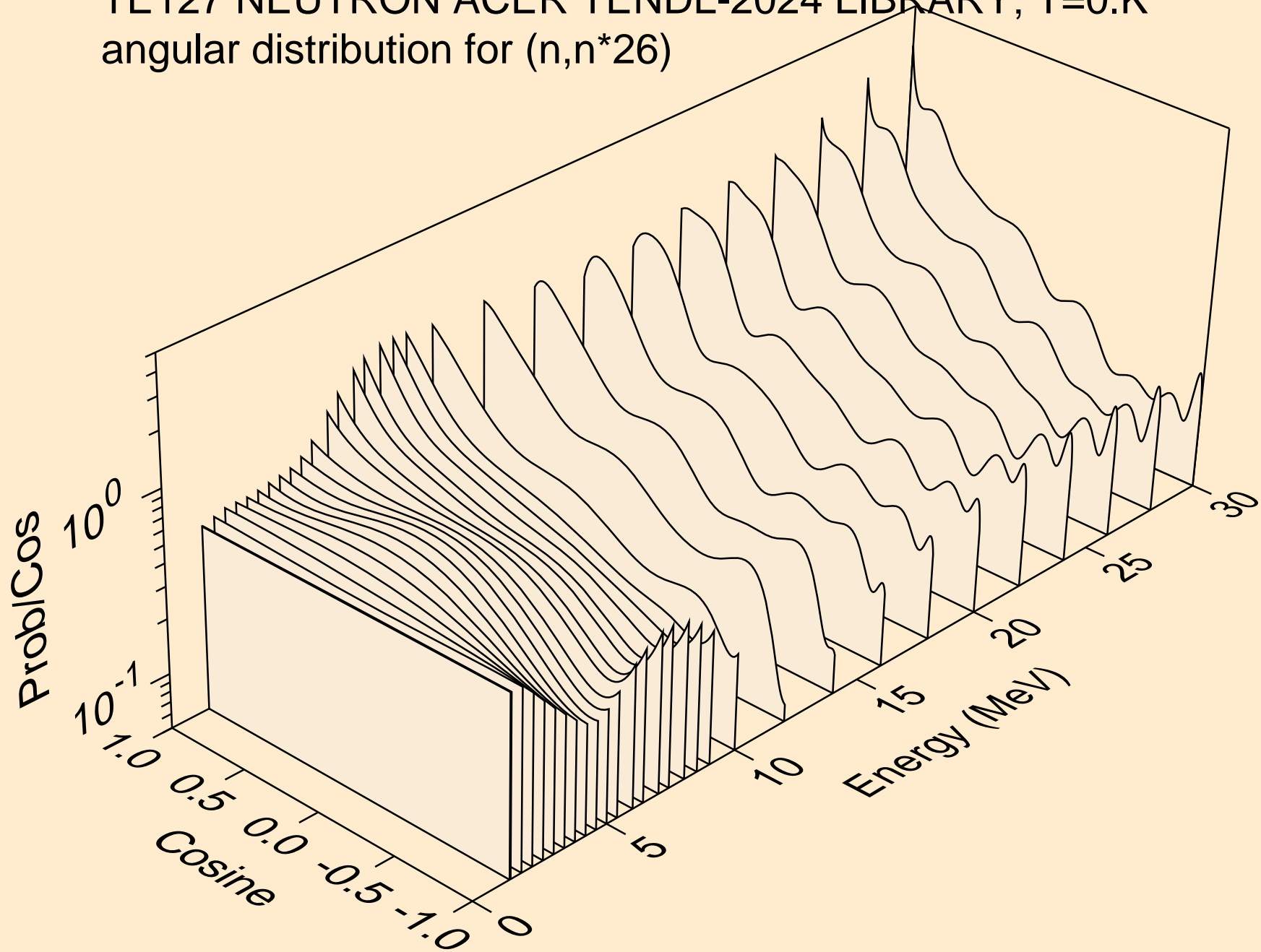
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angular distribution for (n,n\*24)



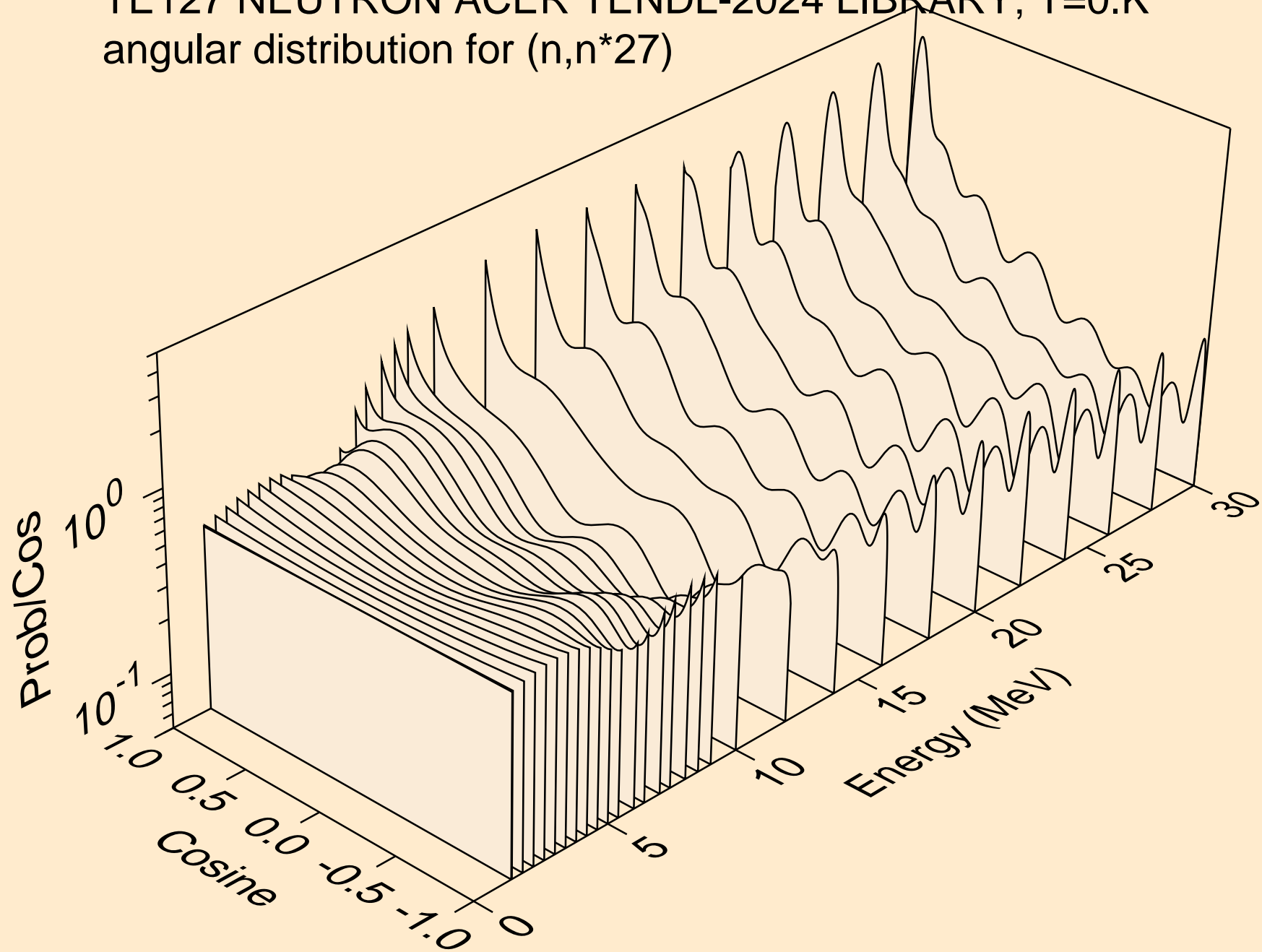
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angular distribution for (n,n\*25)



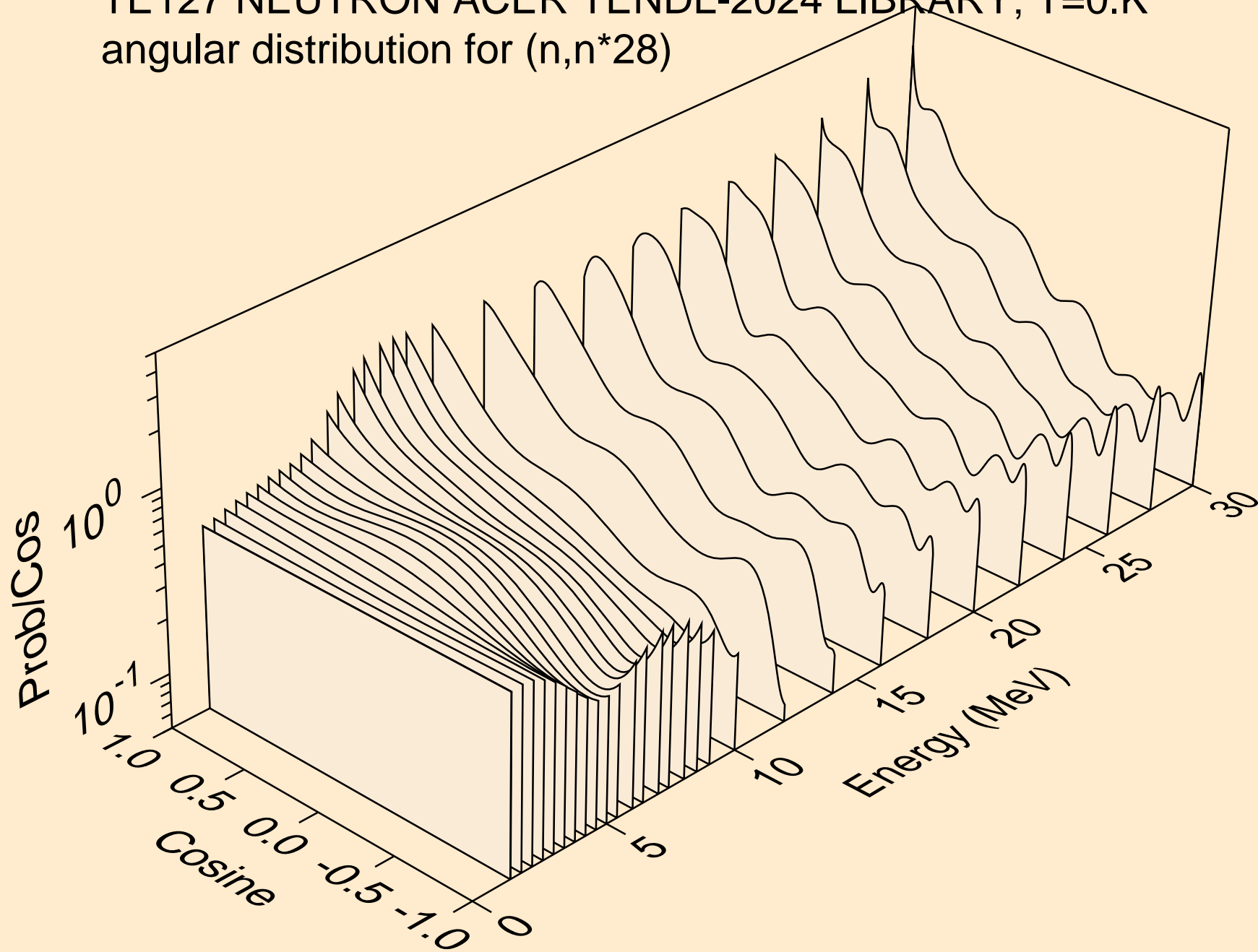
TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)



TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)

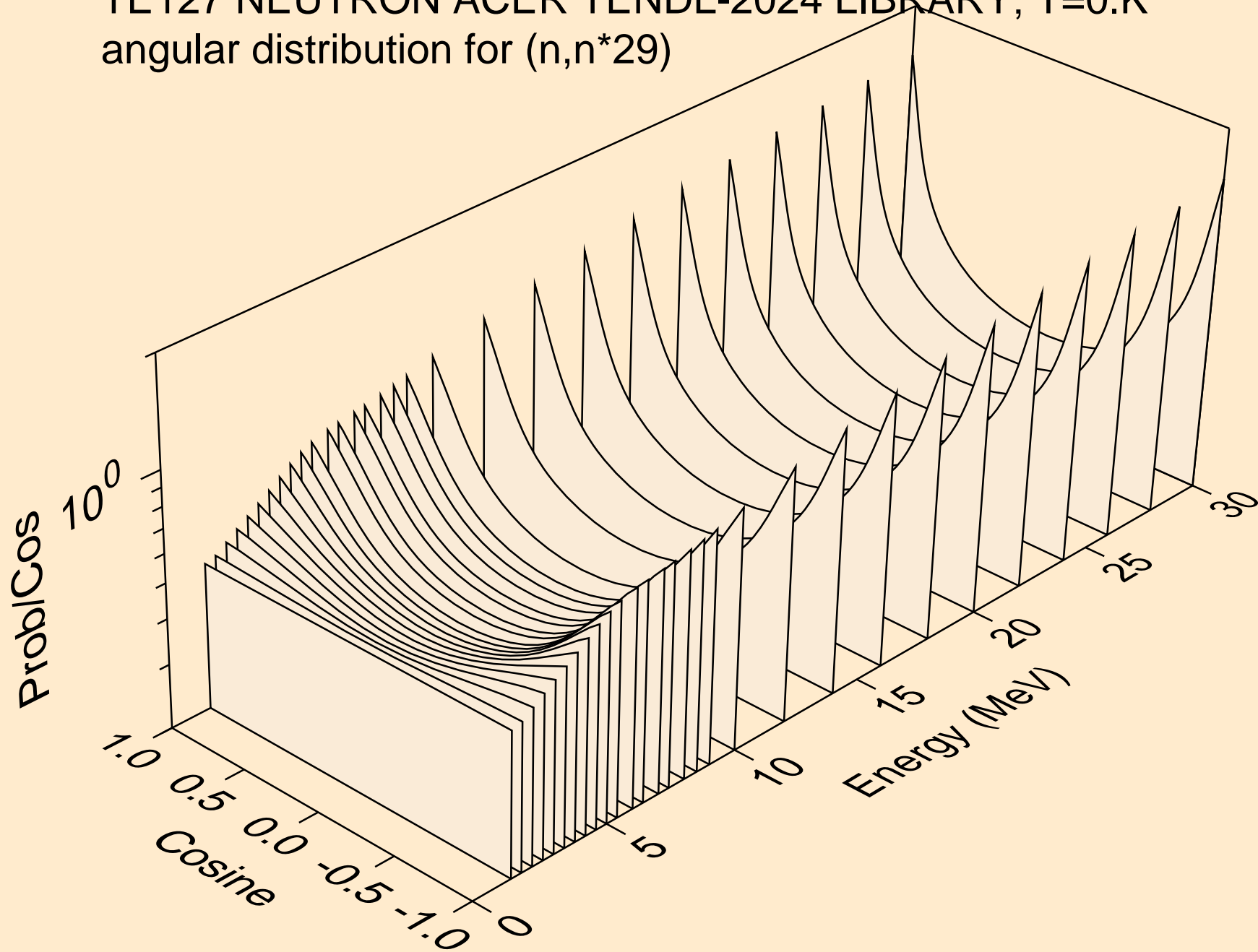


TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*28)

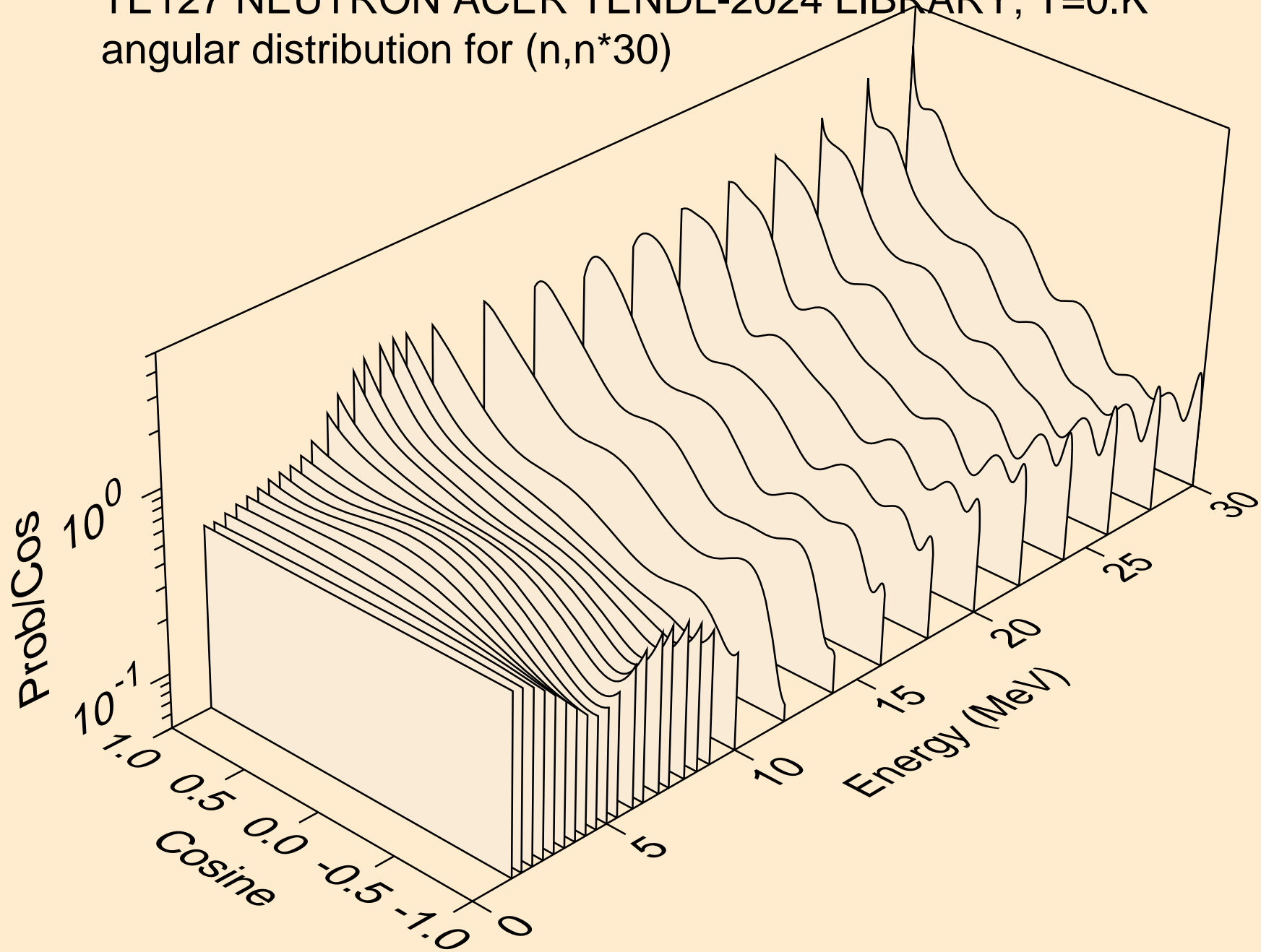




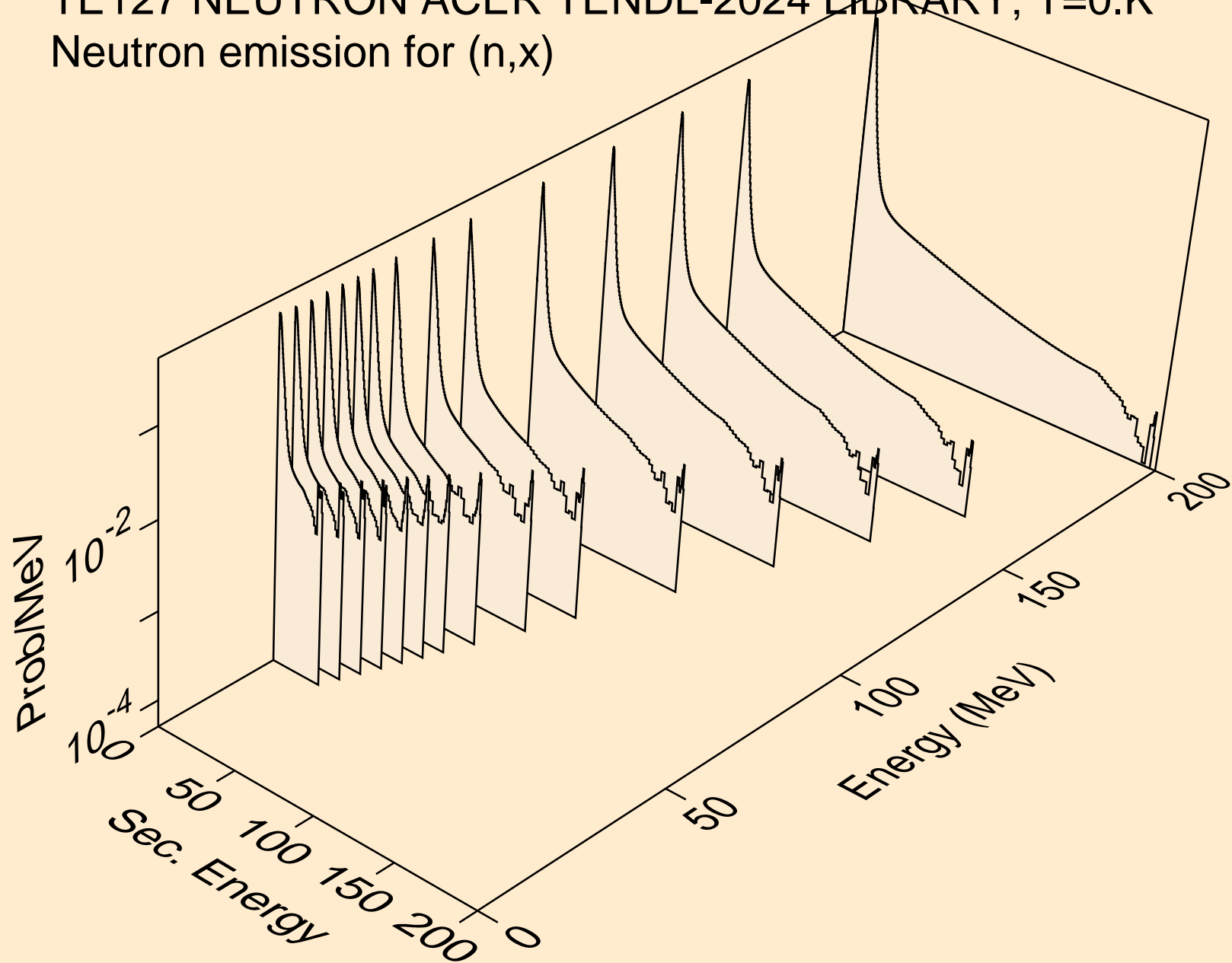
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angular distribution for (n,n\*29)



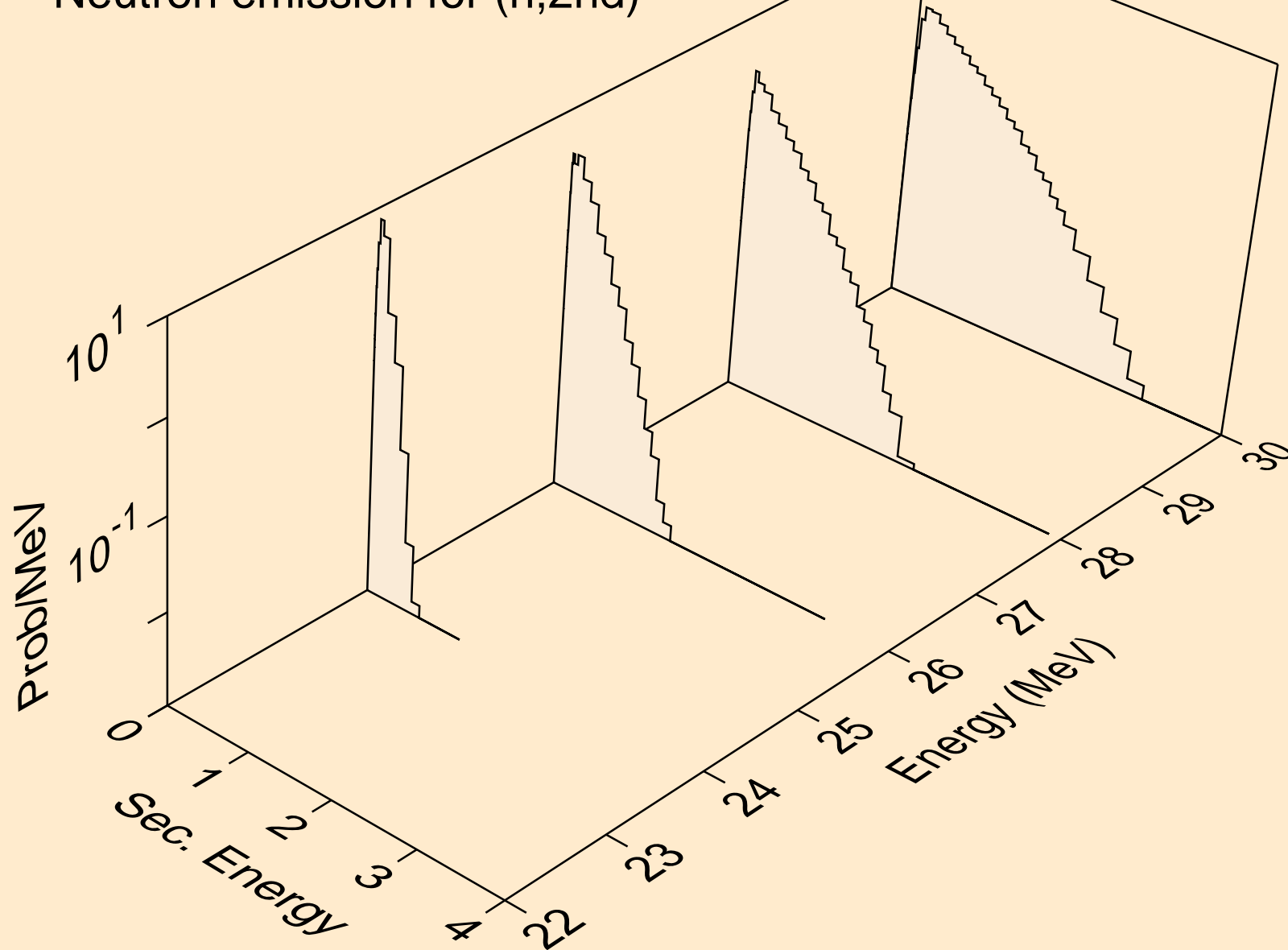
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angular distribution for (n,n\*30)



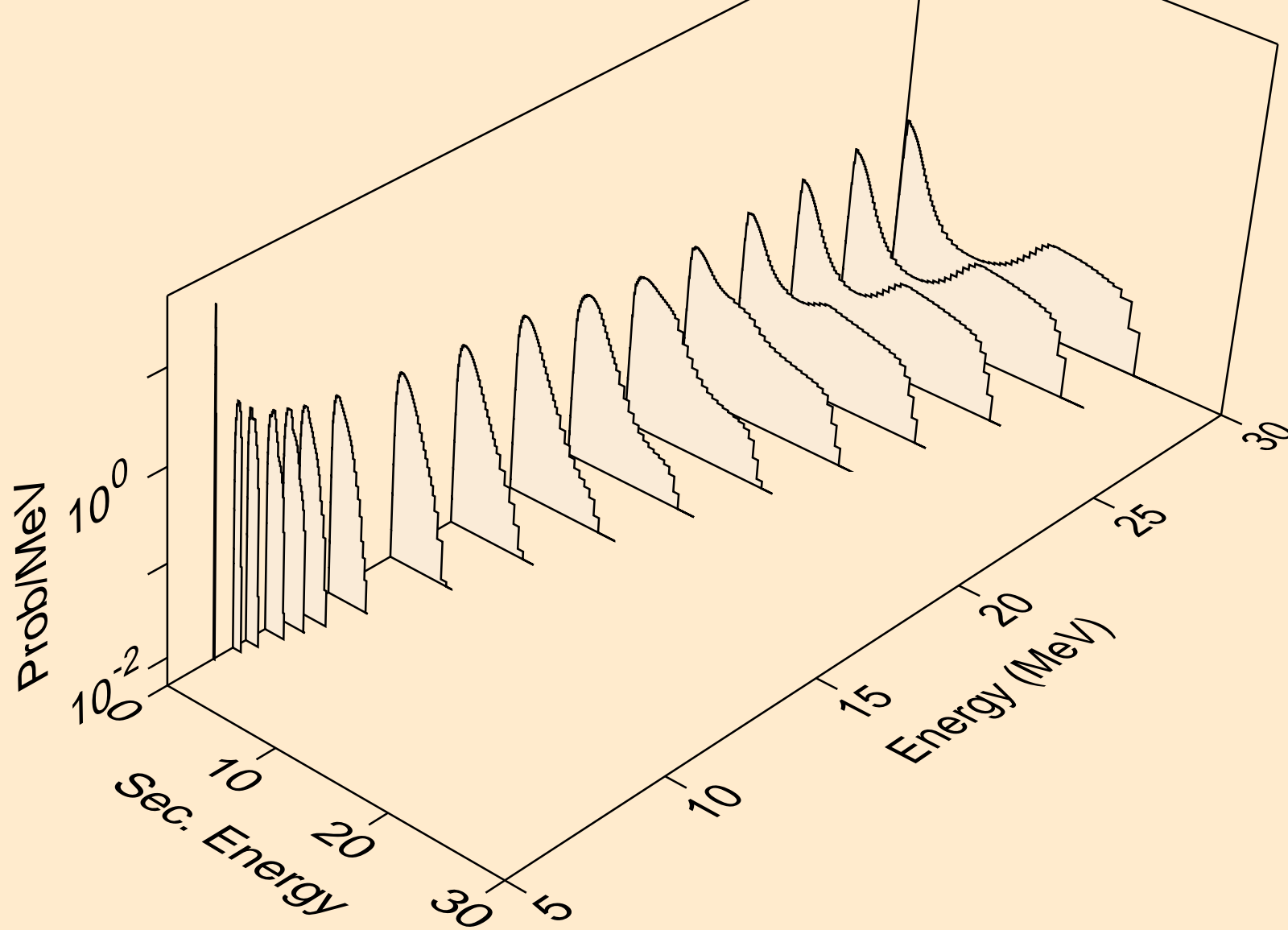
TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



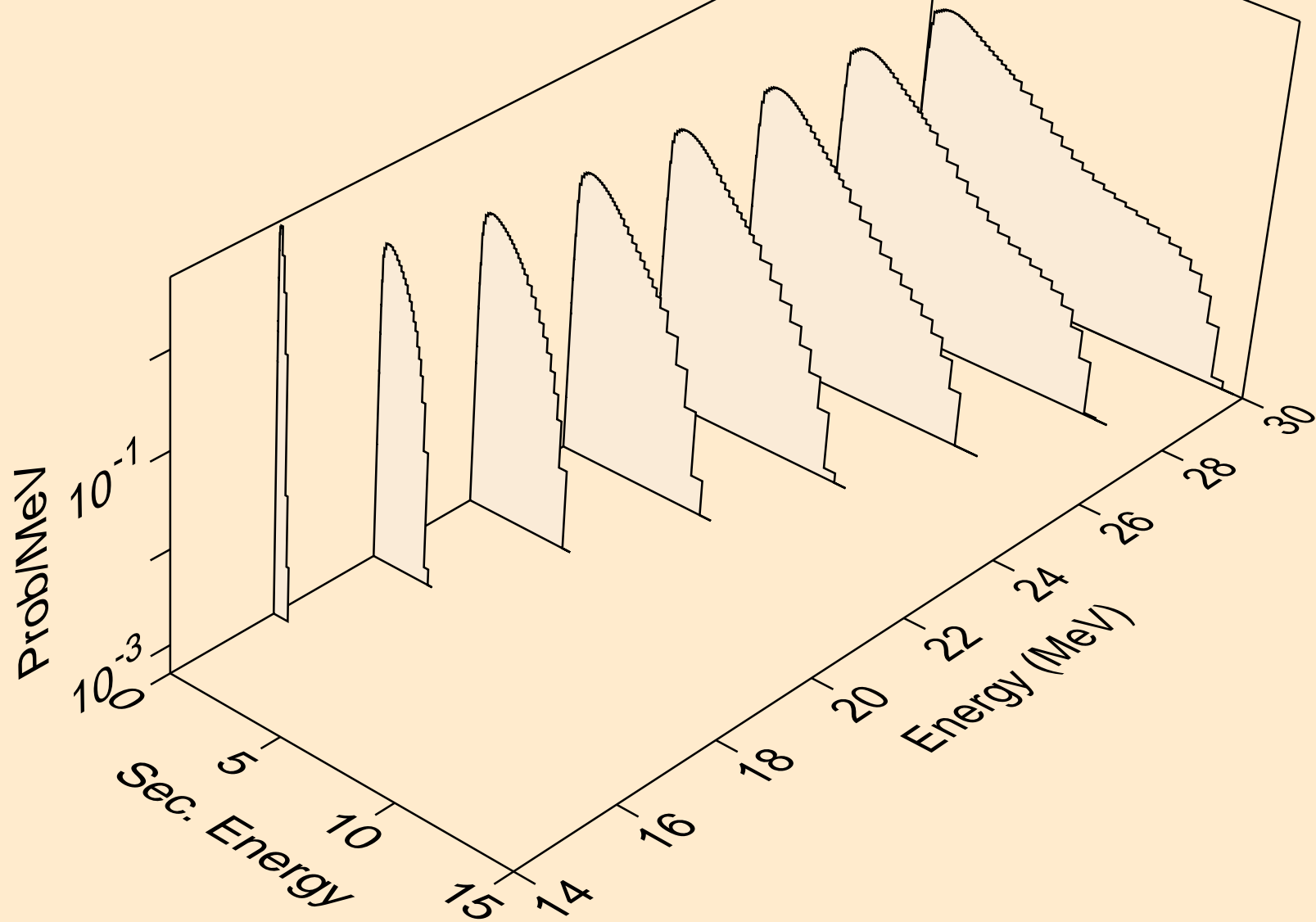
TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



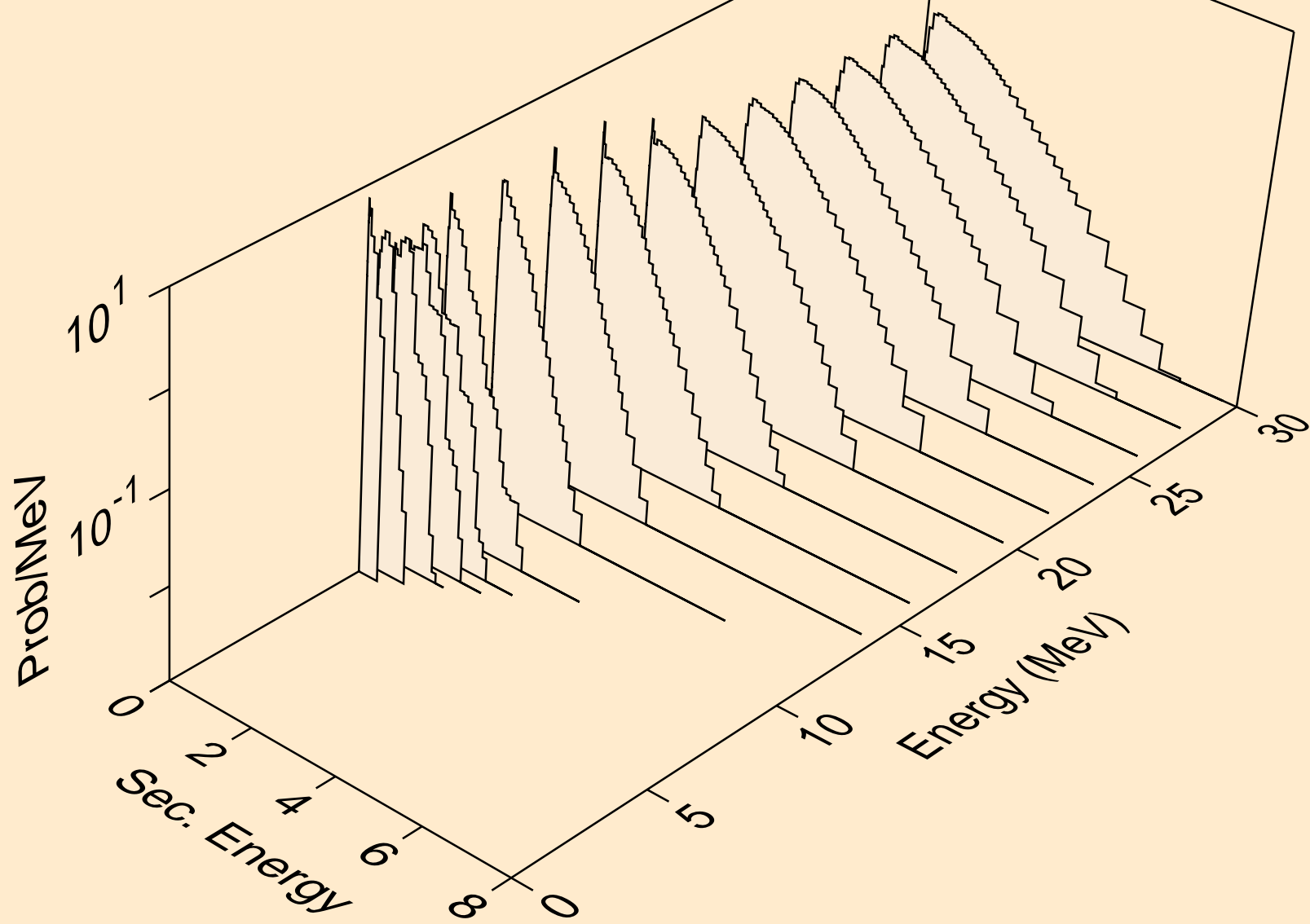
TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



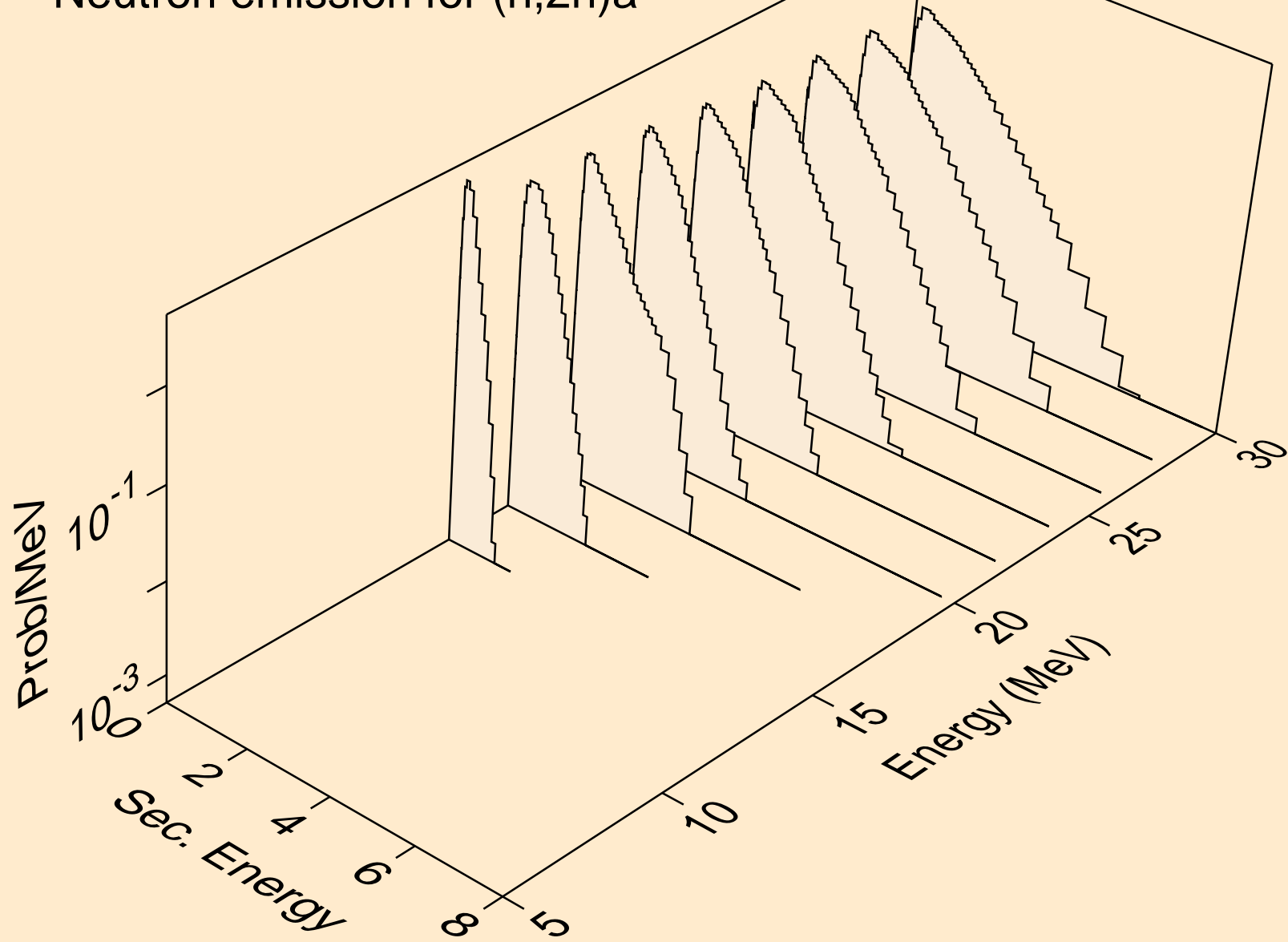
TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a

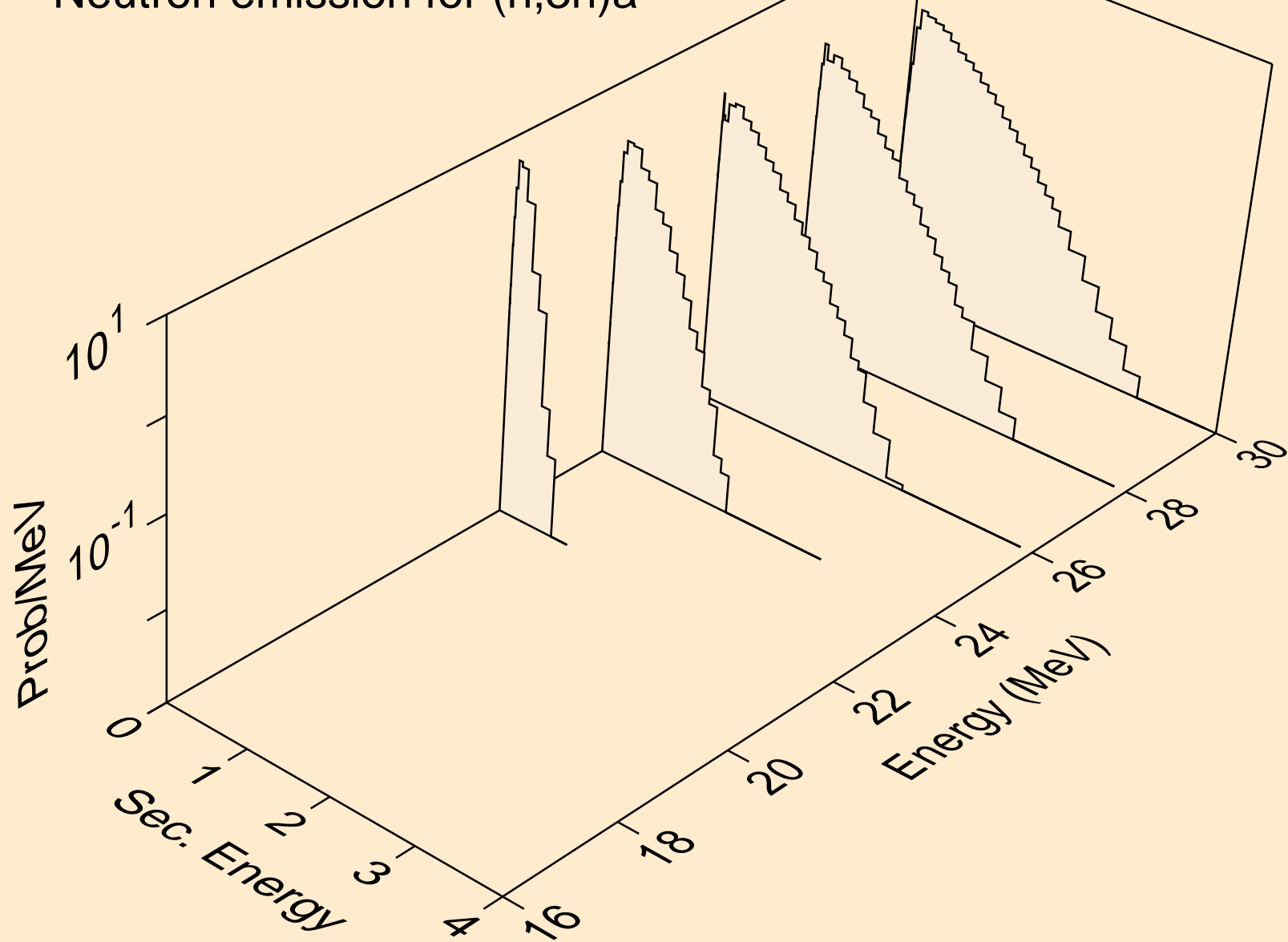


TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a

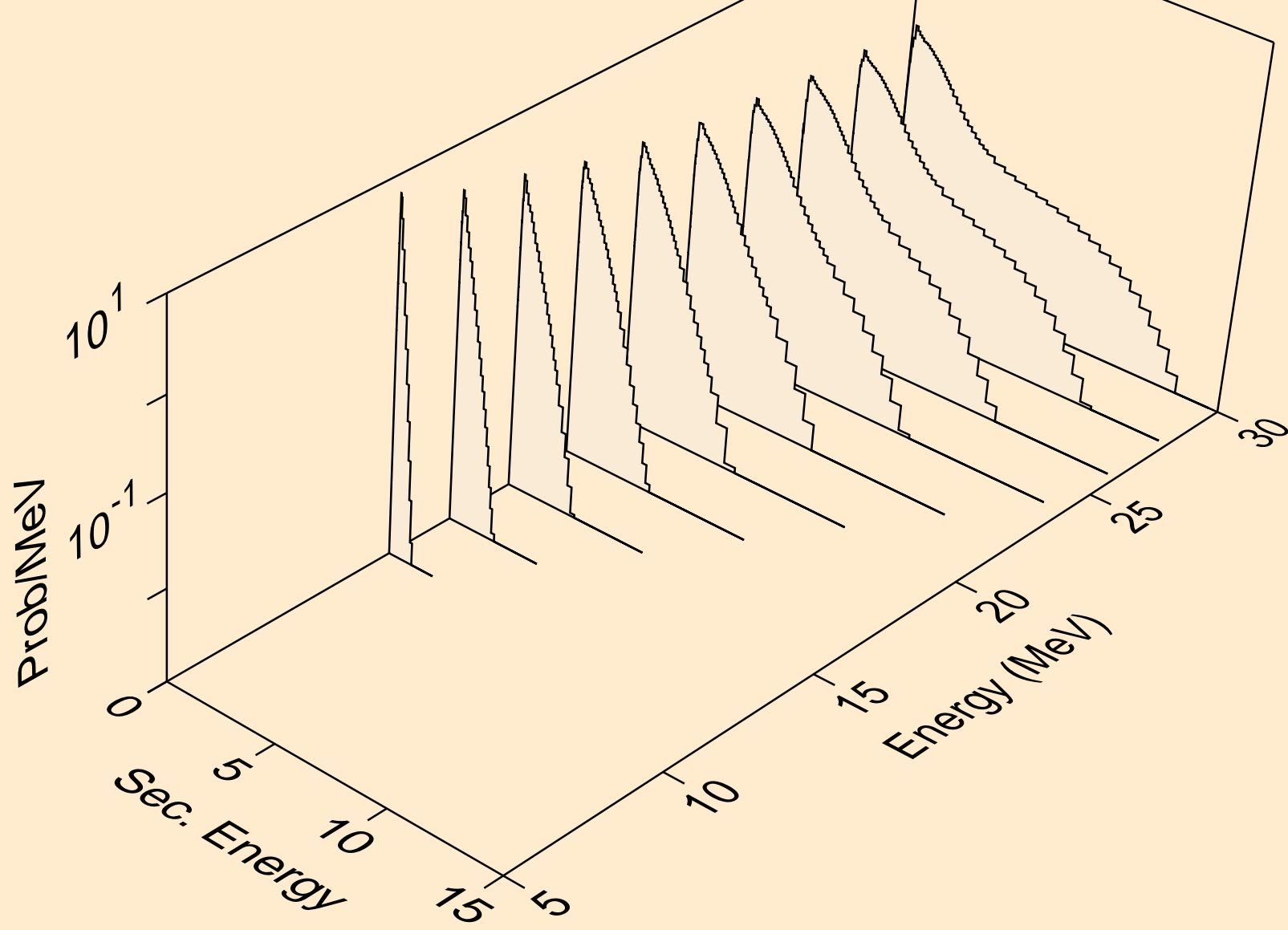




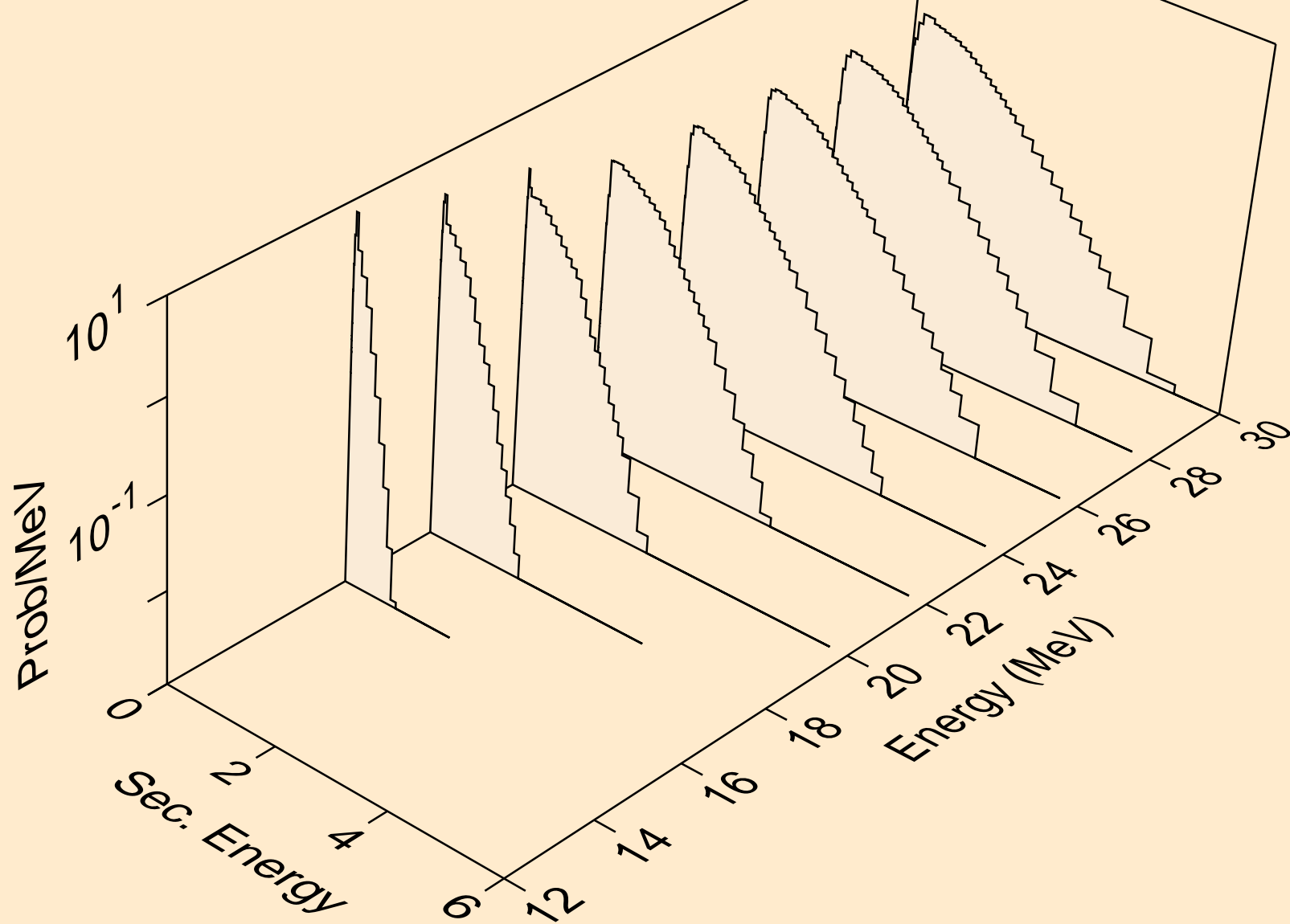
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Neutron emission for (n,3n)a



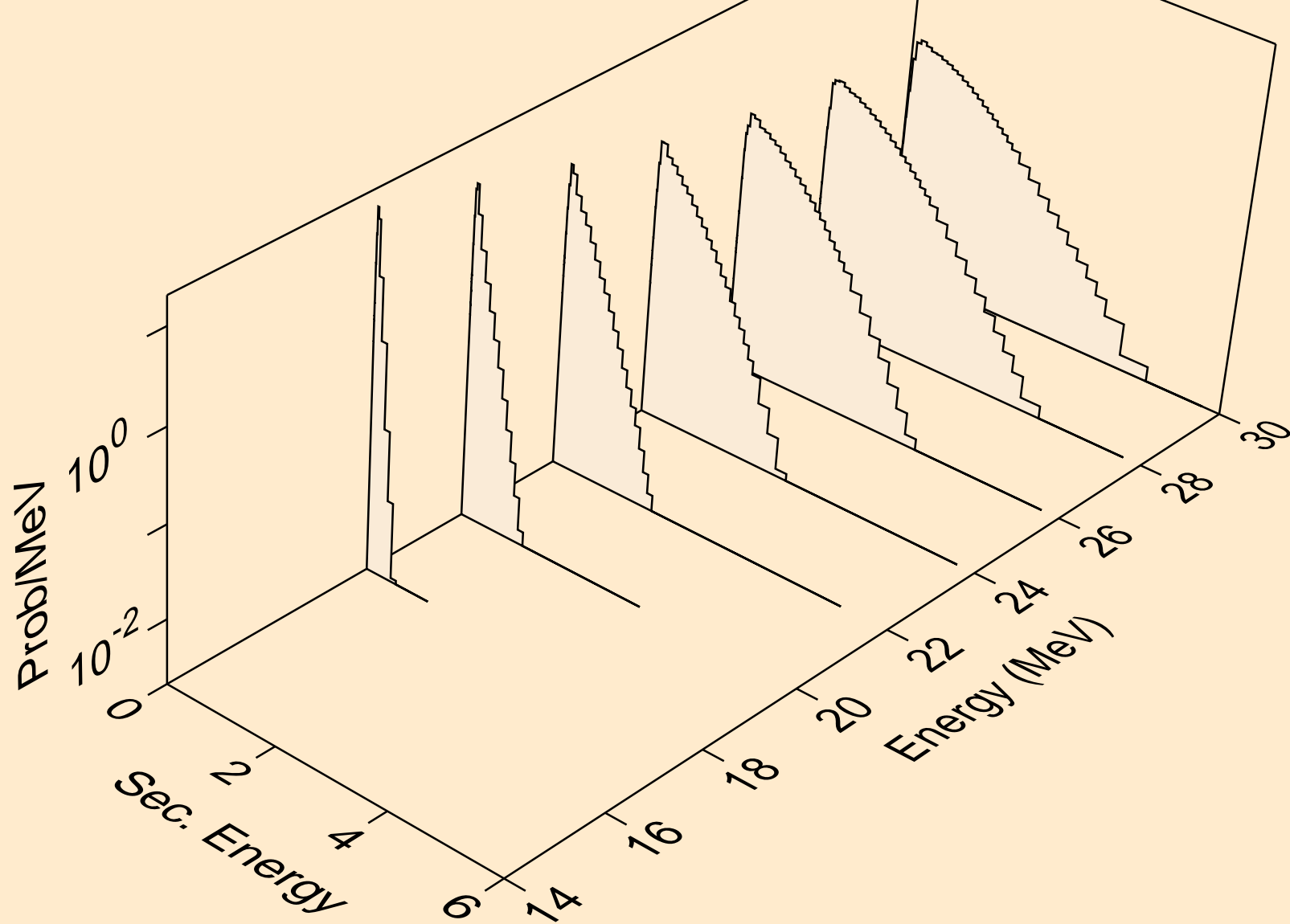
TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



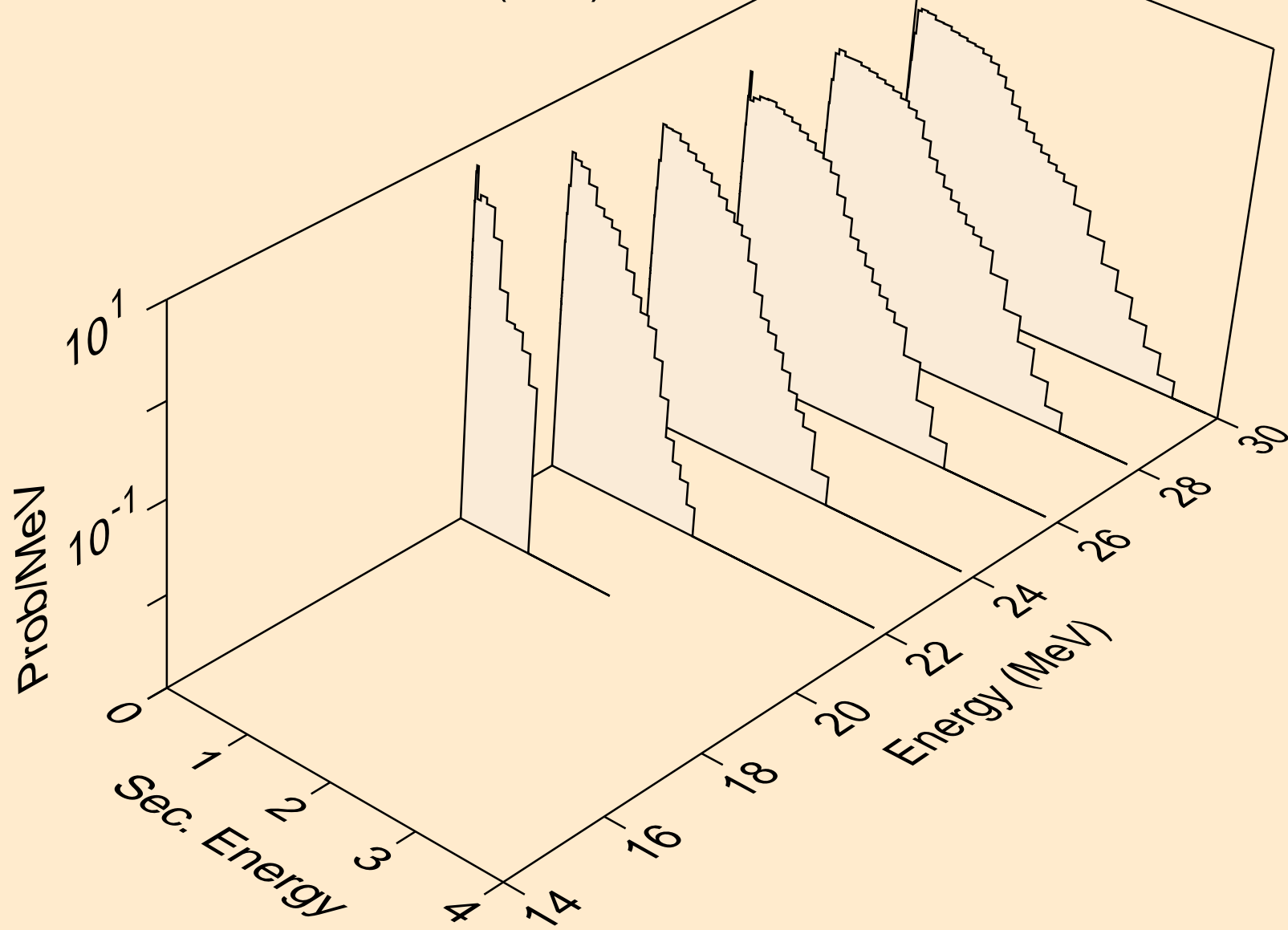
TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



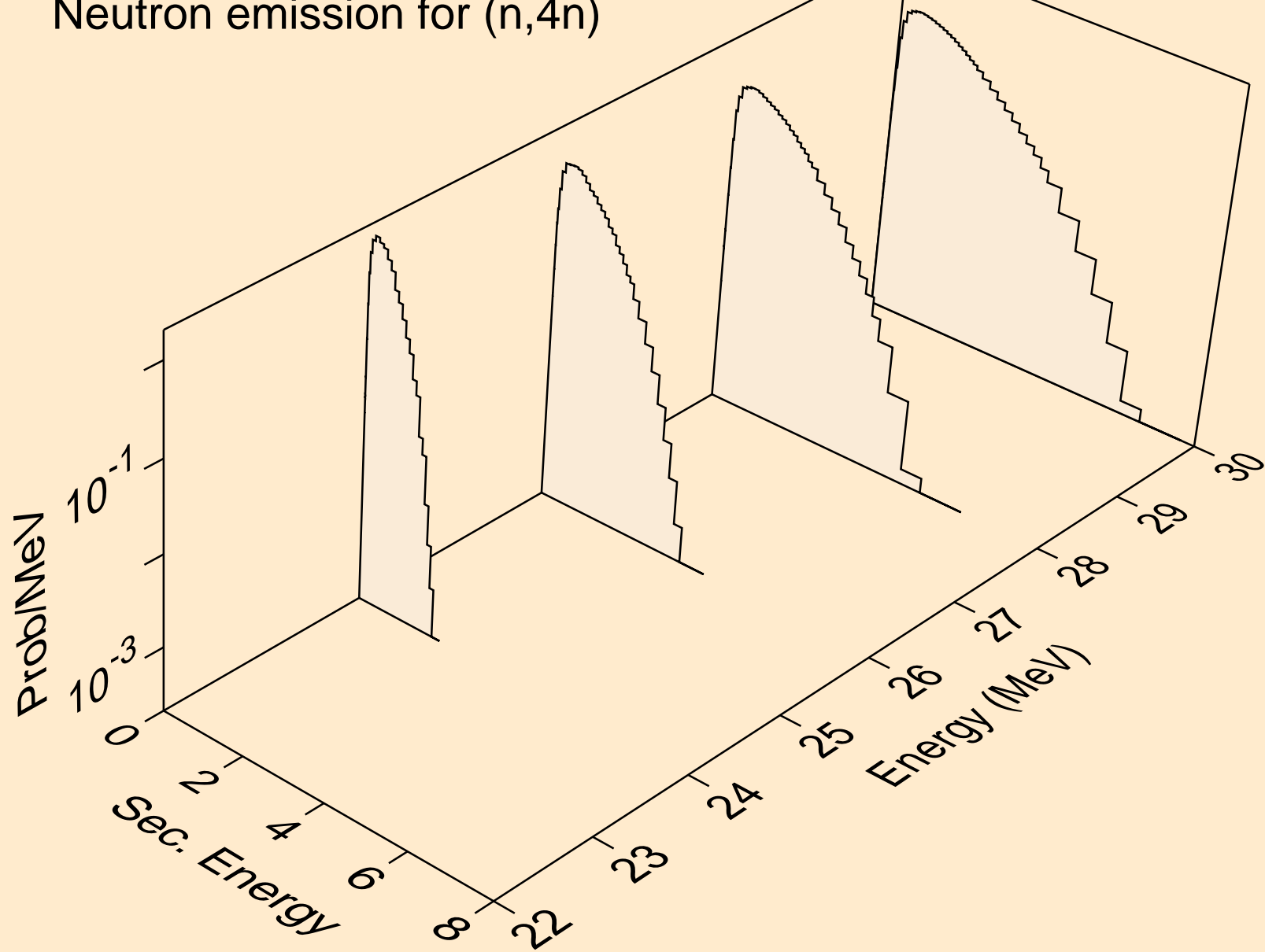
TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



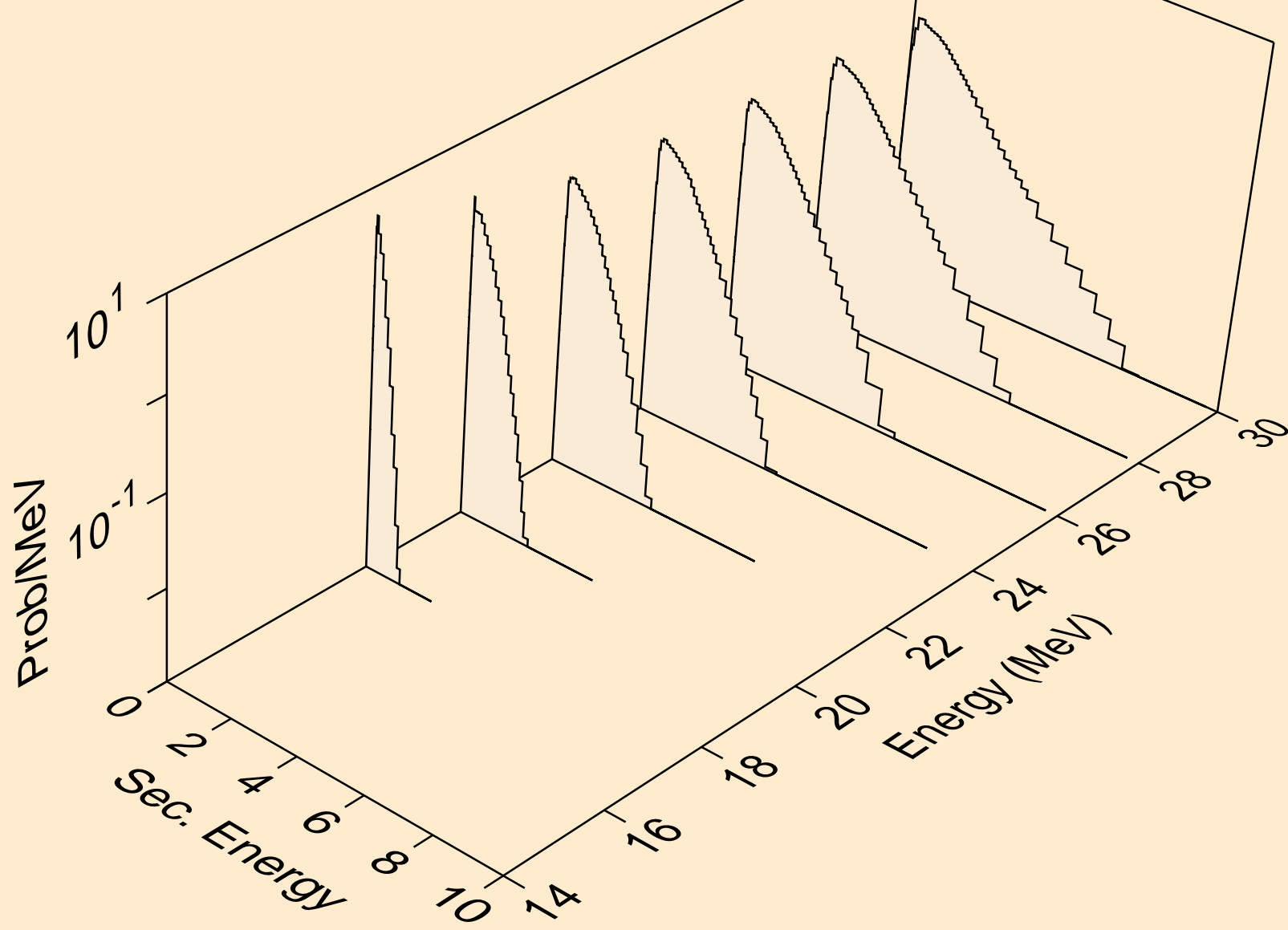
TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



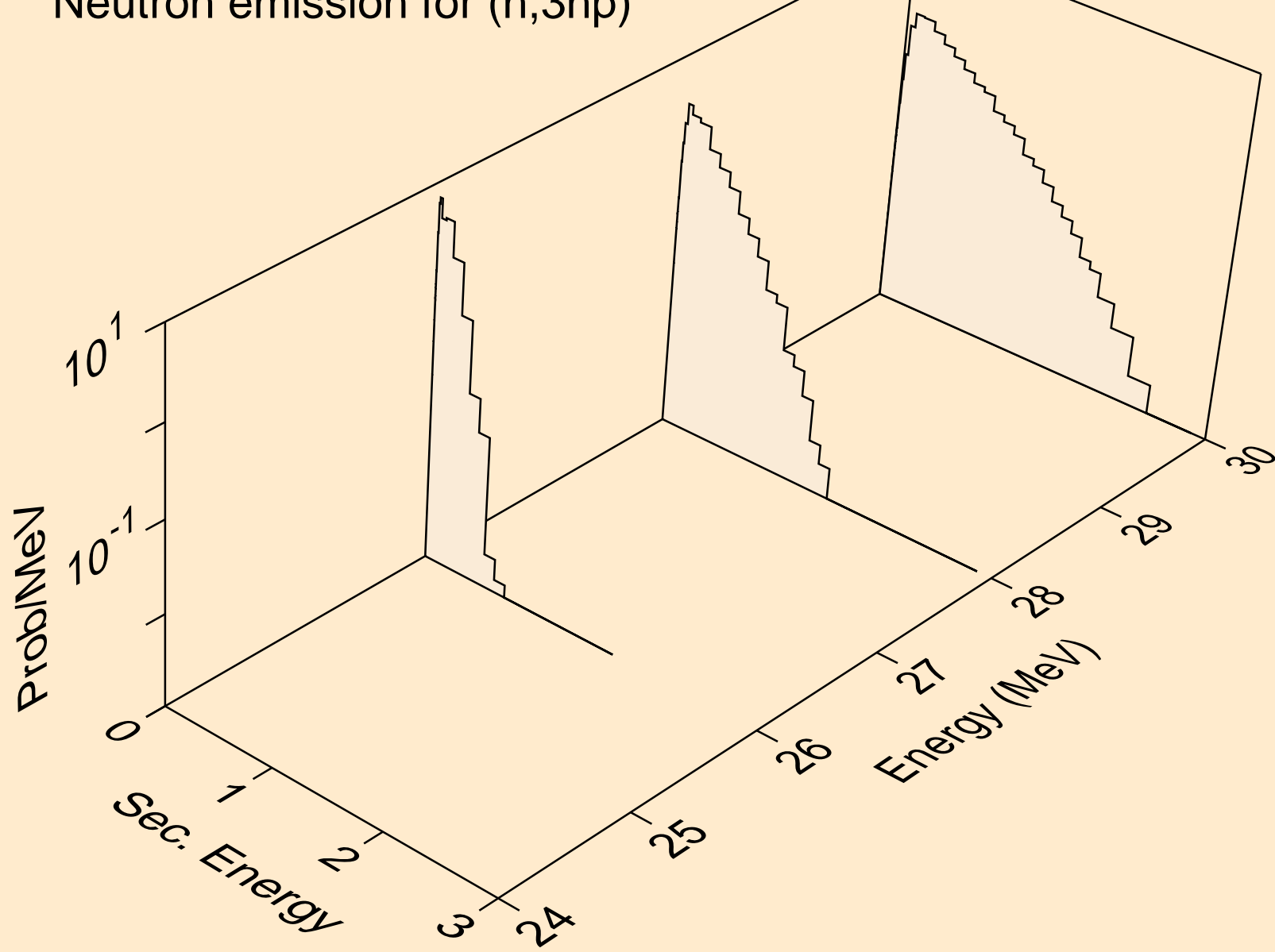
TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)

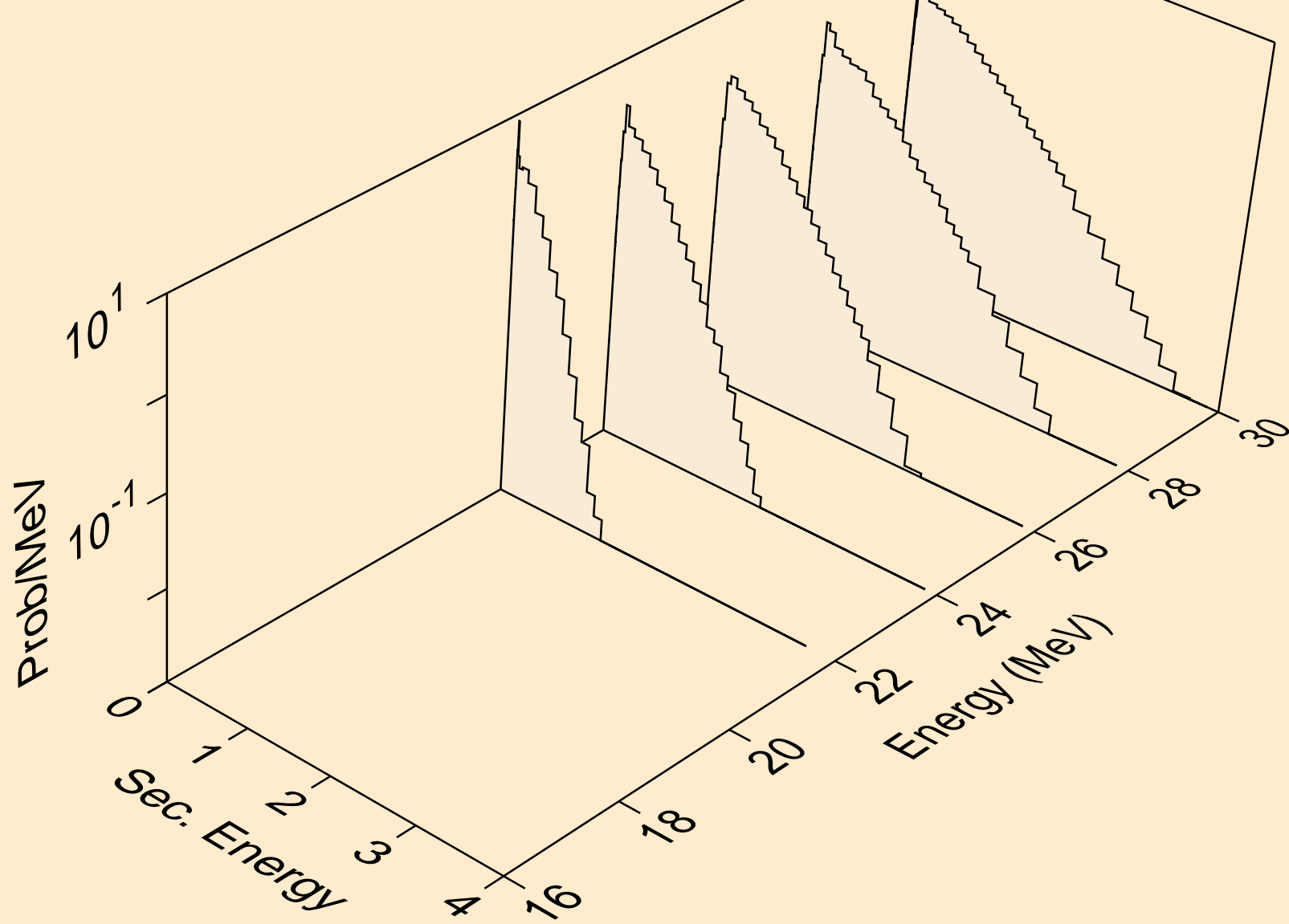


TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)

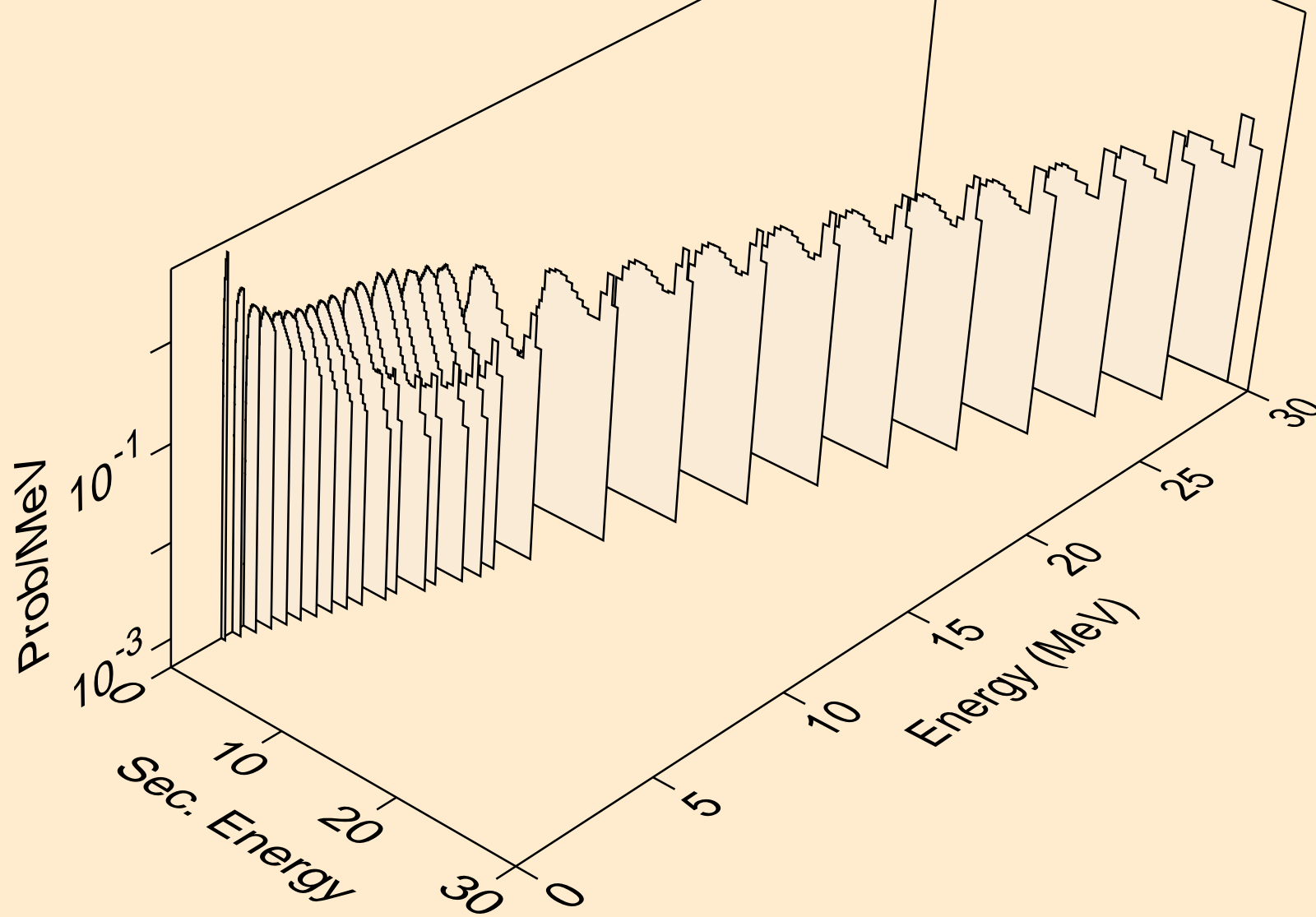




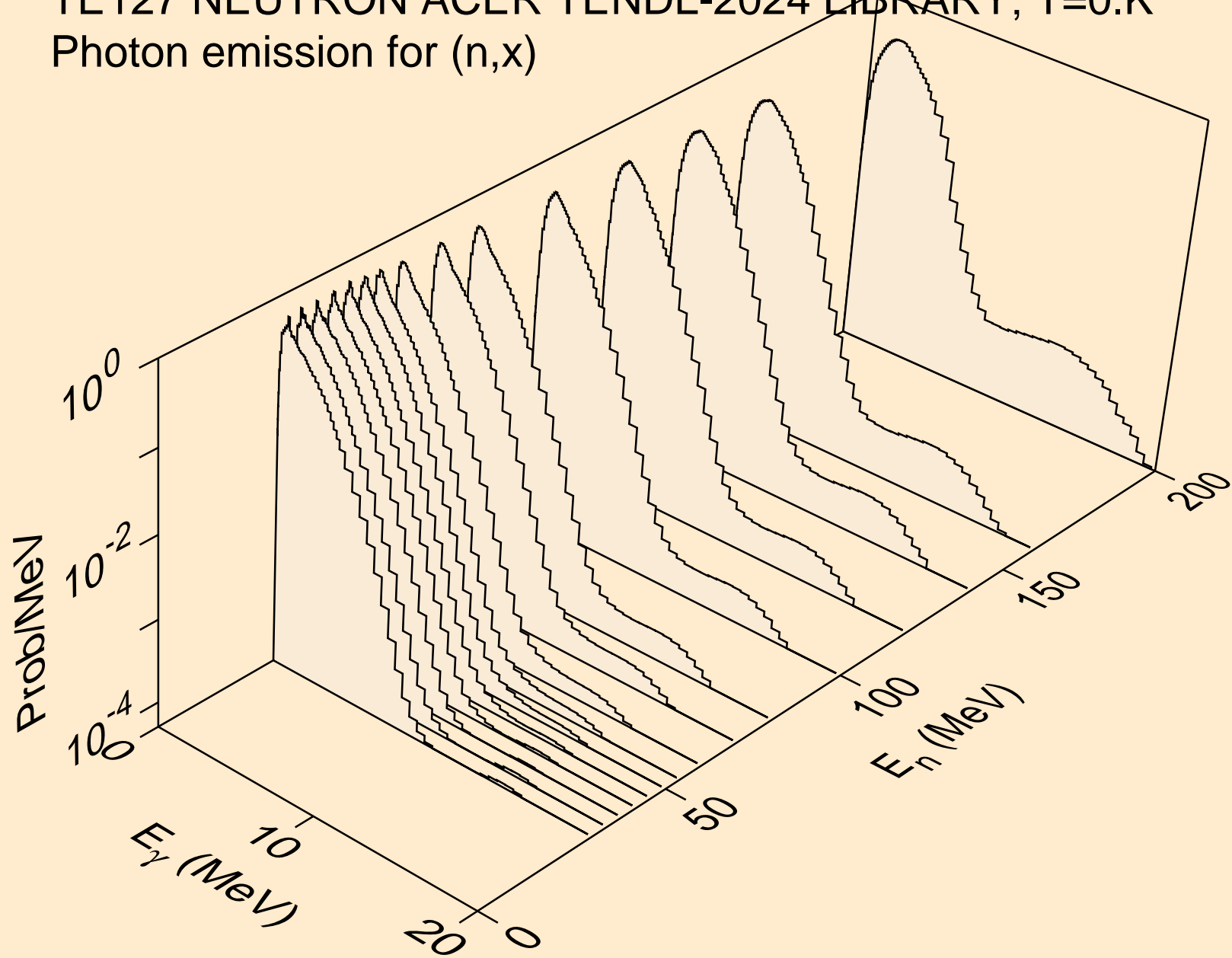
TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



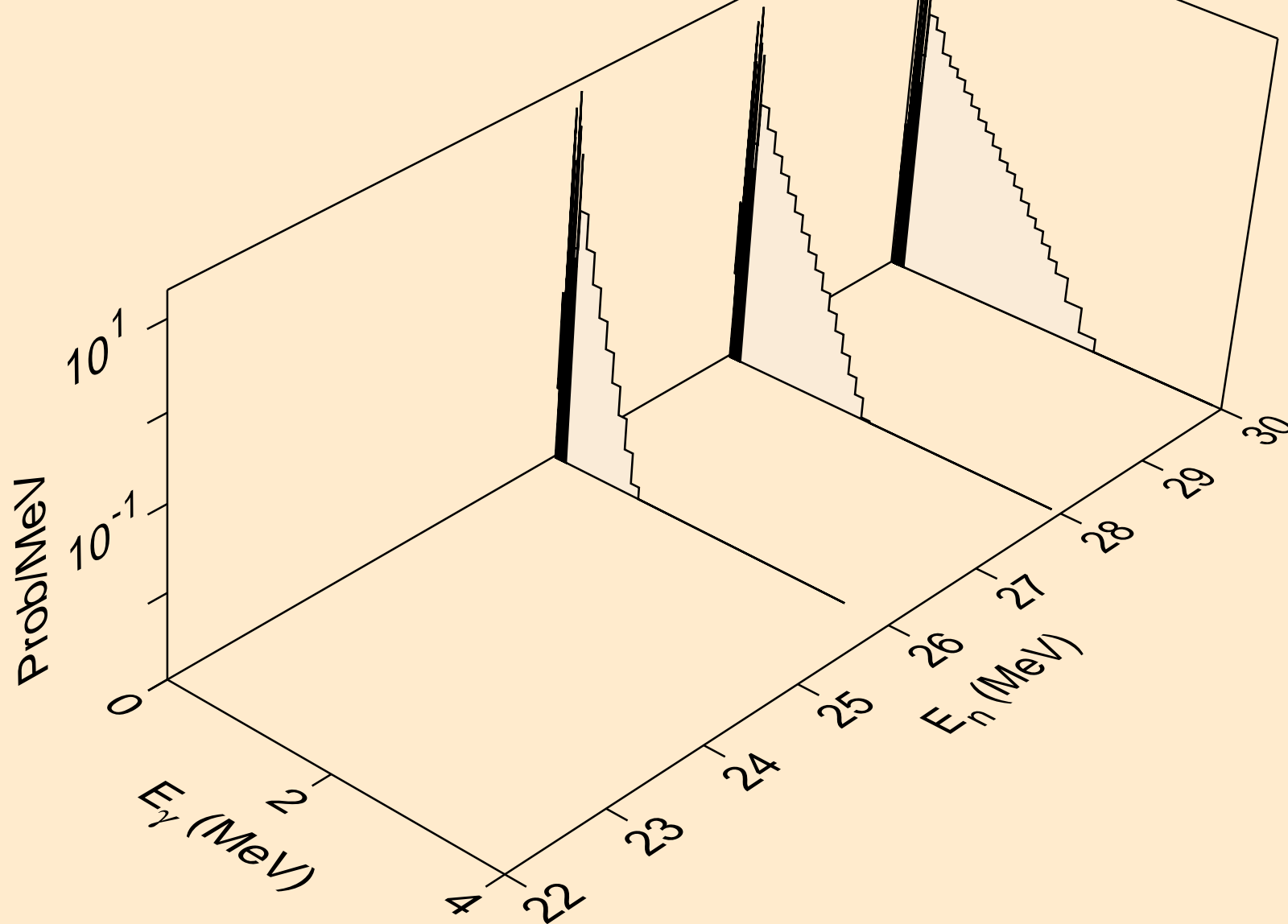
TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



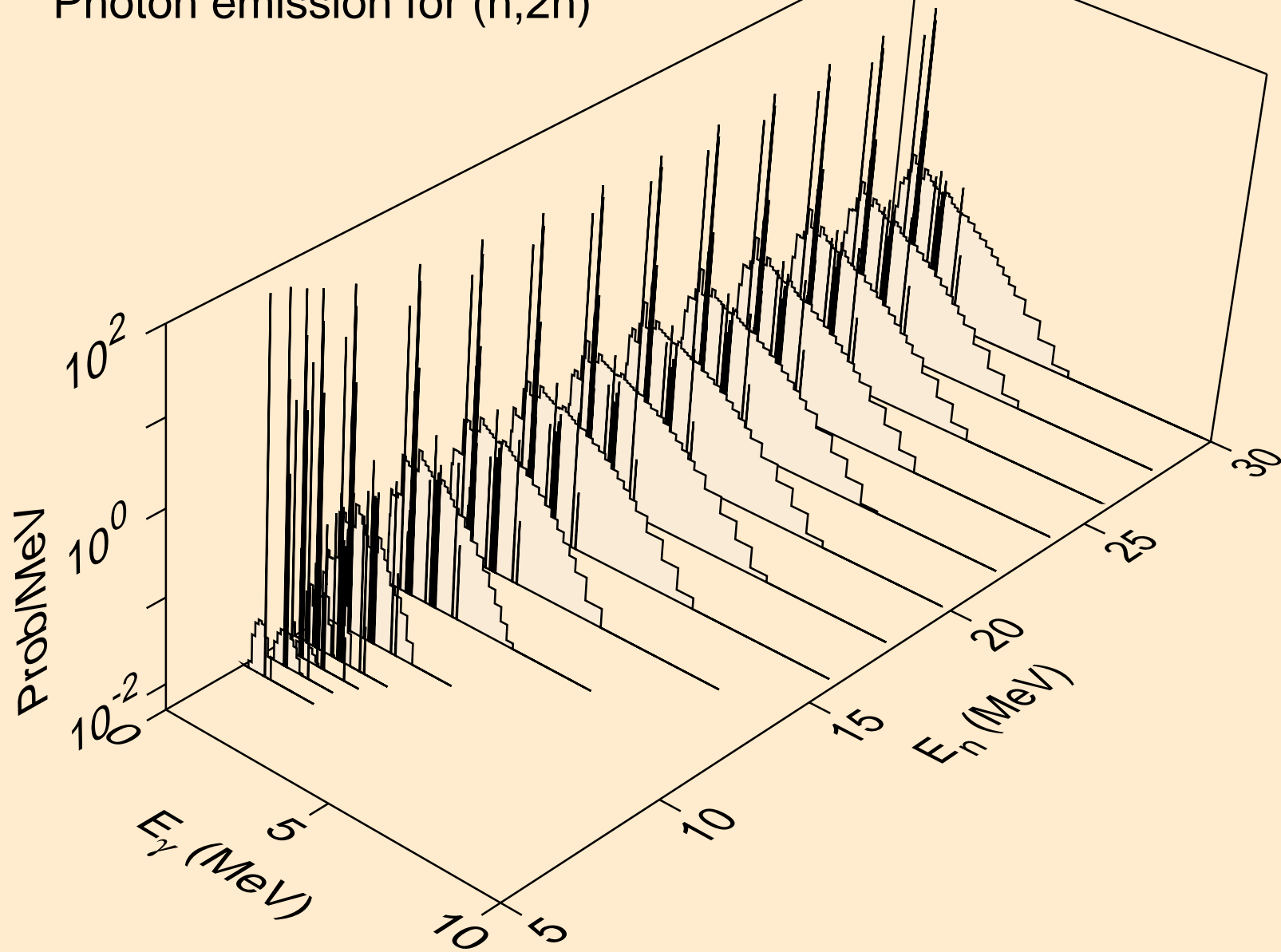
TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



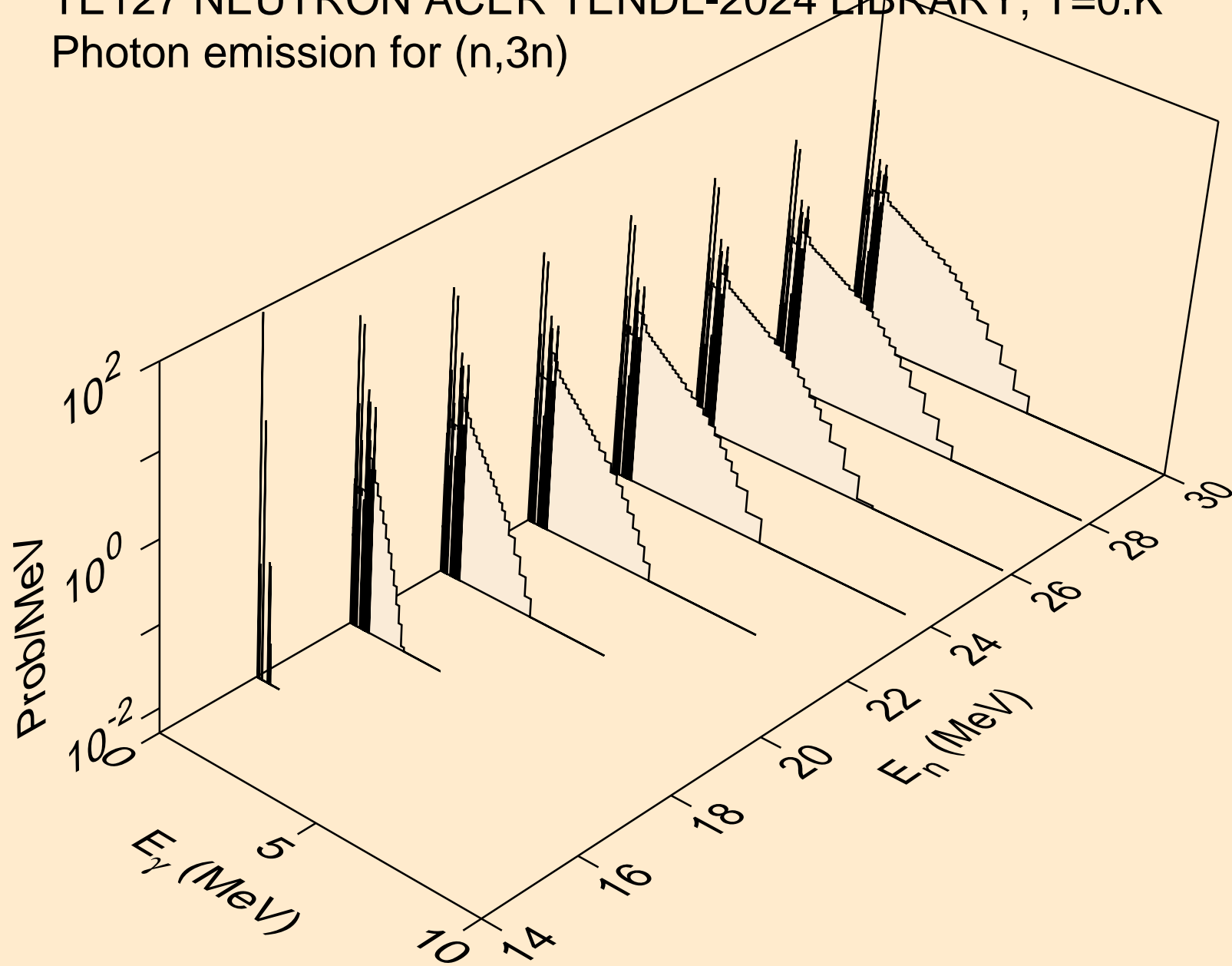
TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



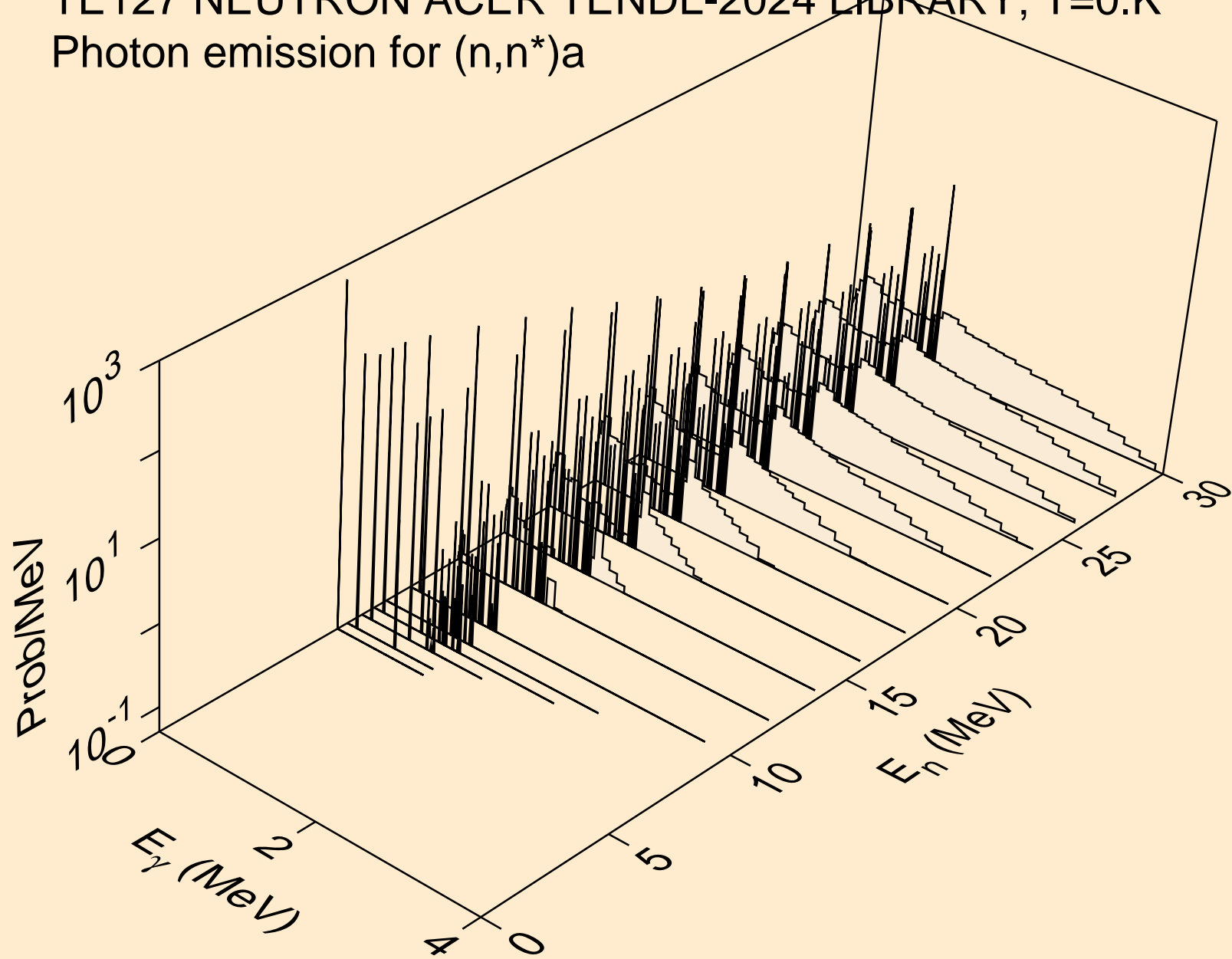
TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



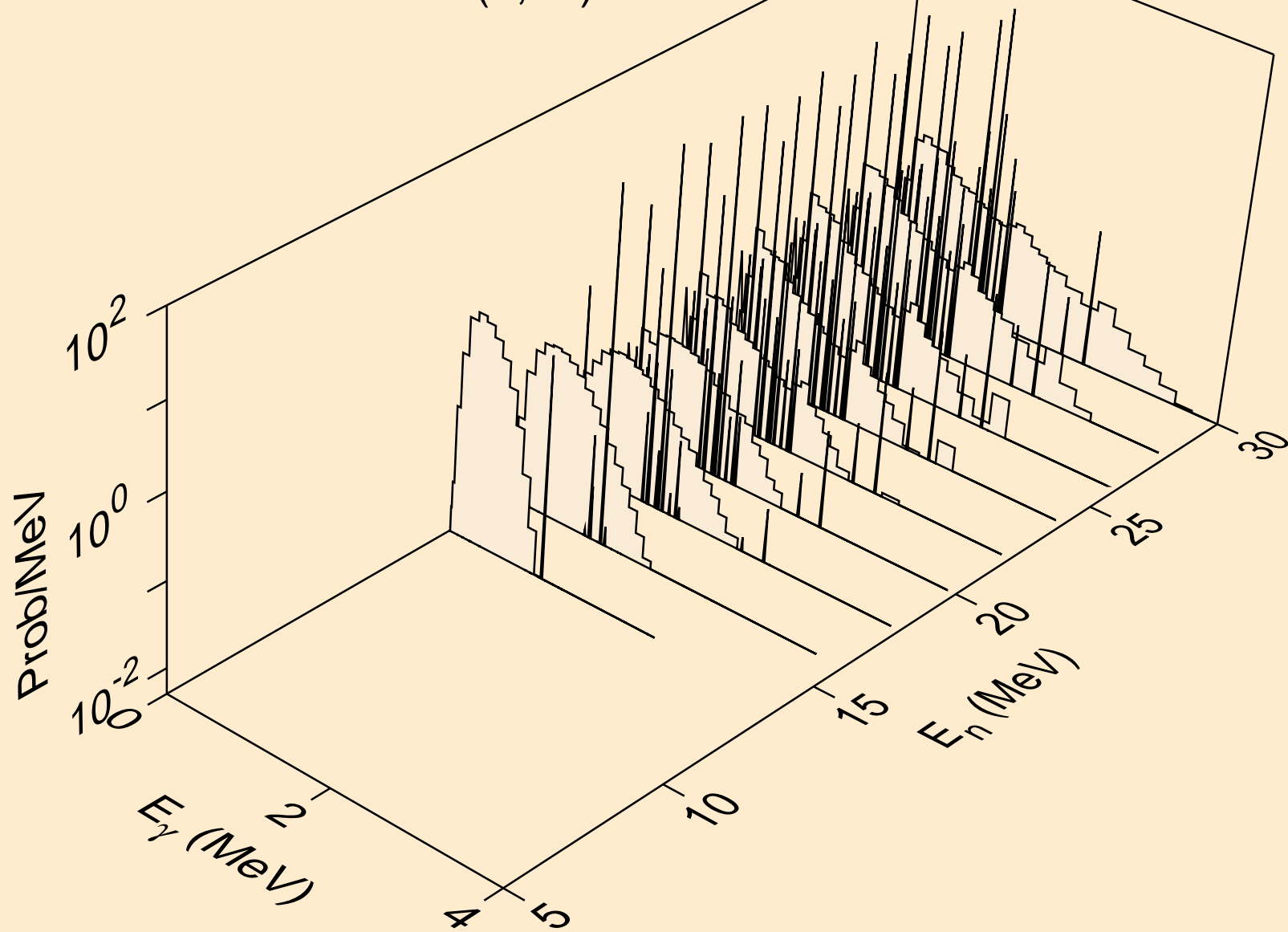
TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

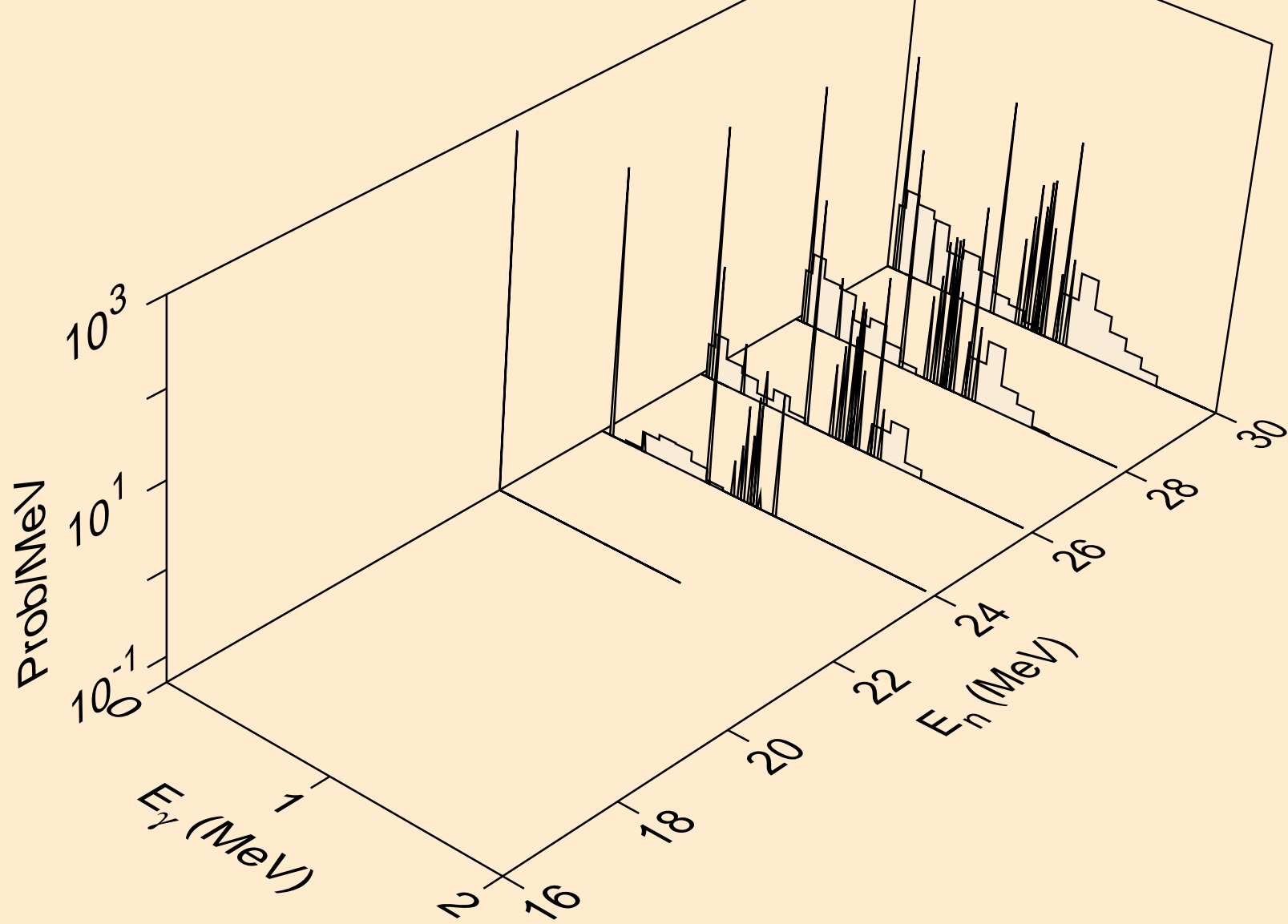


TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a

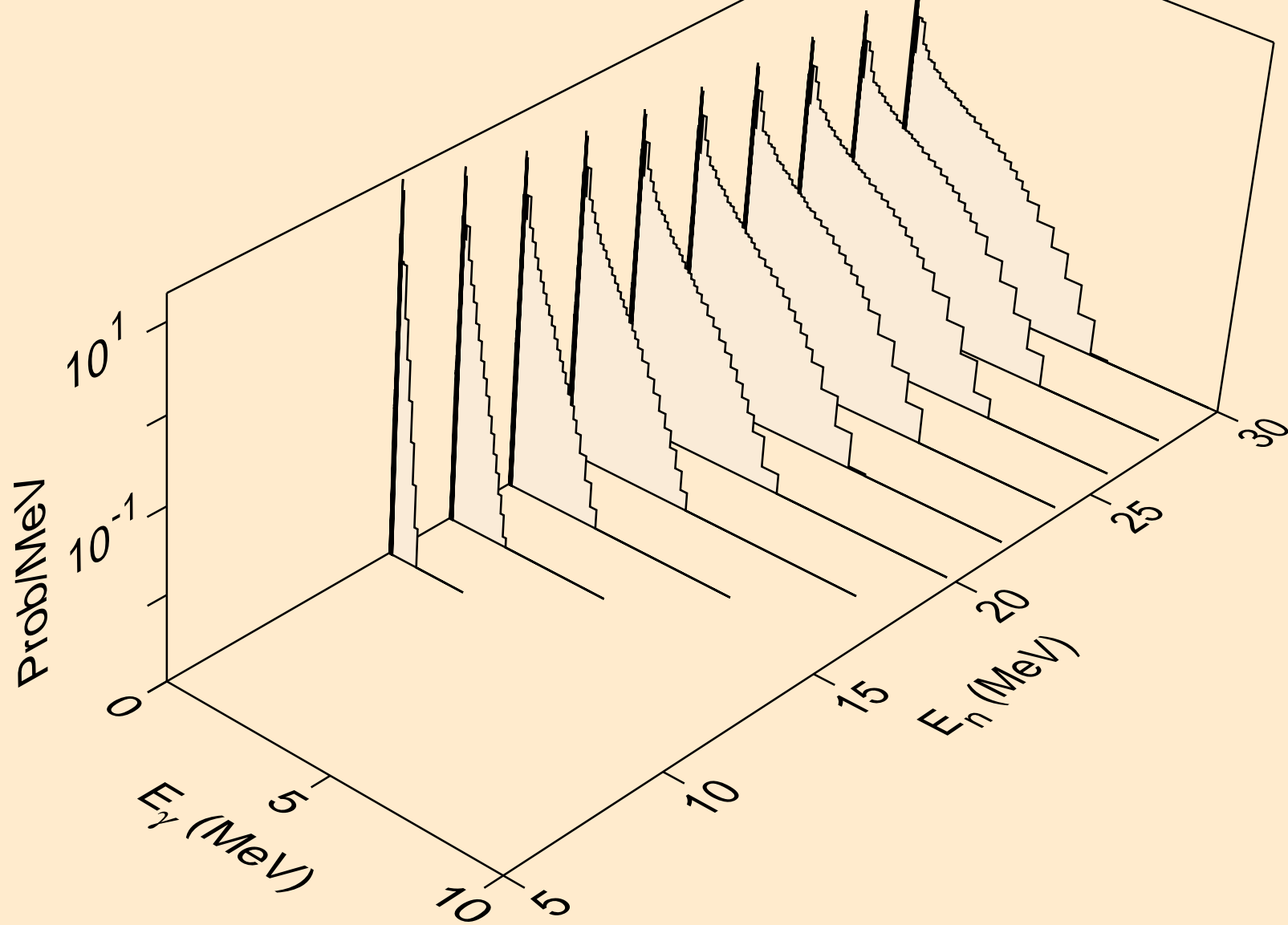




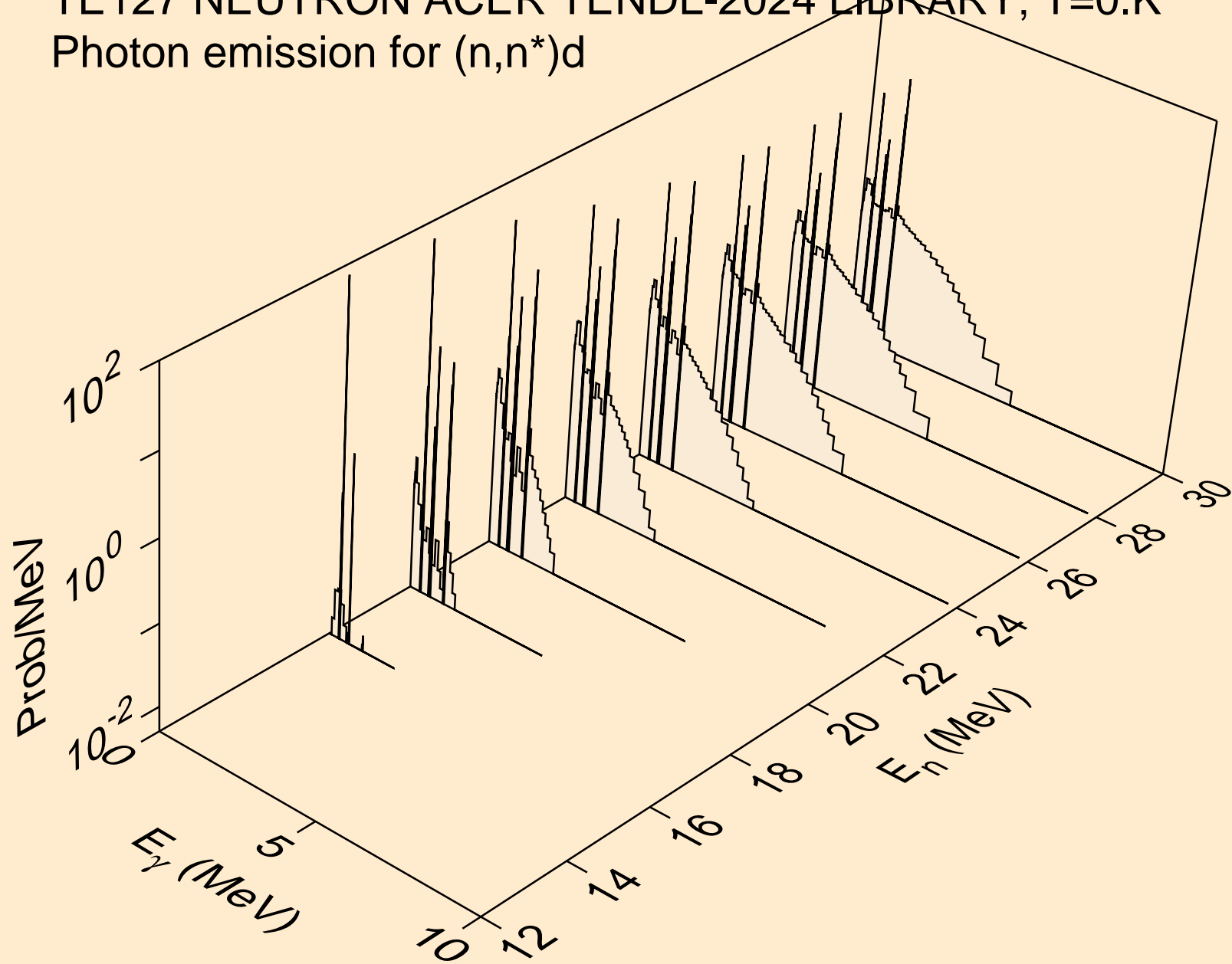
TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a



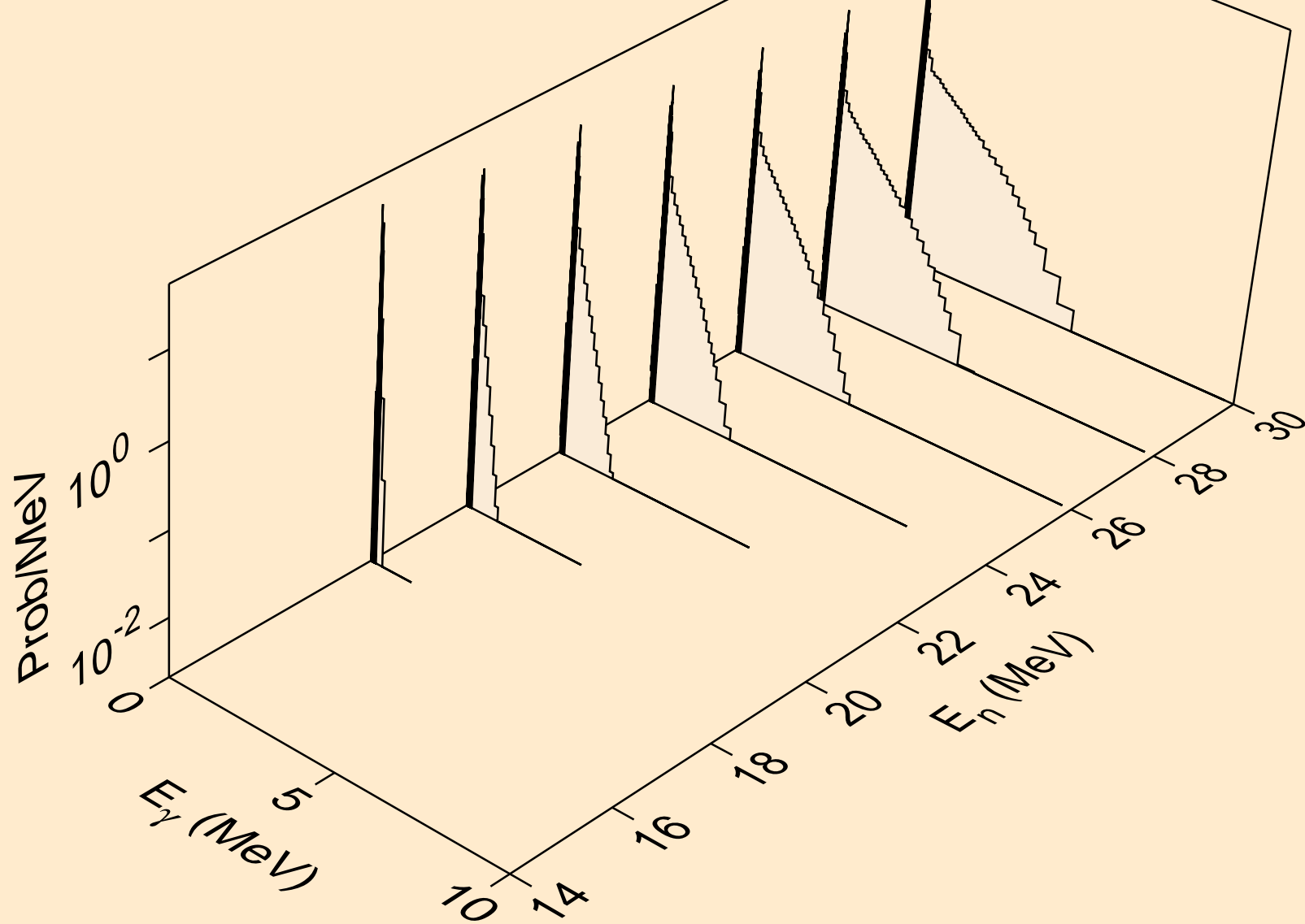
TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



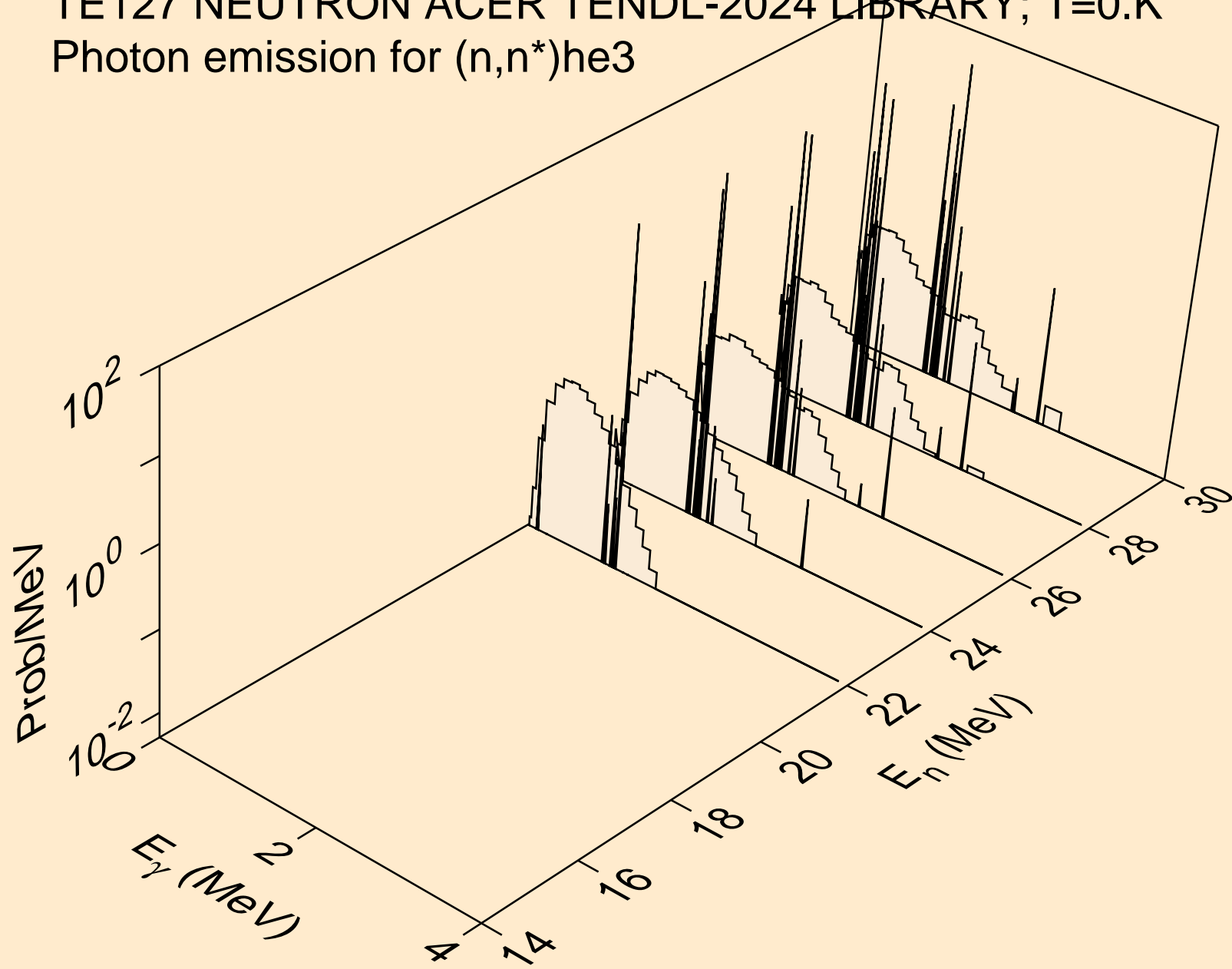
TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



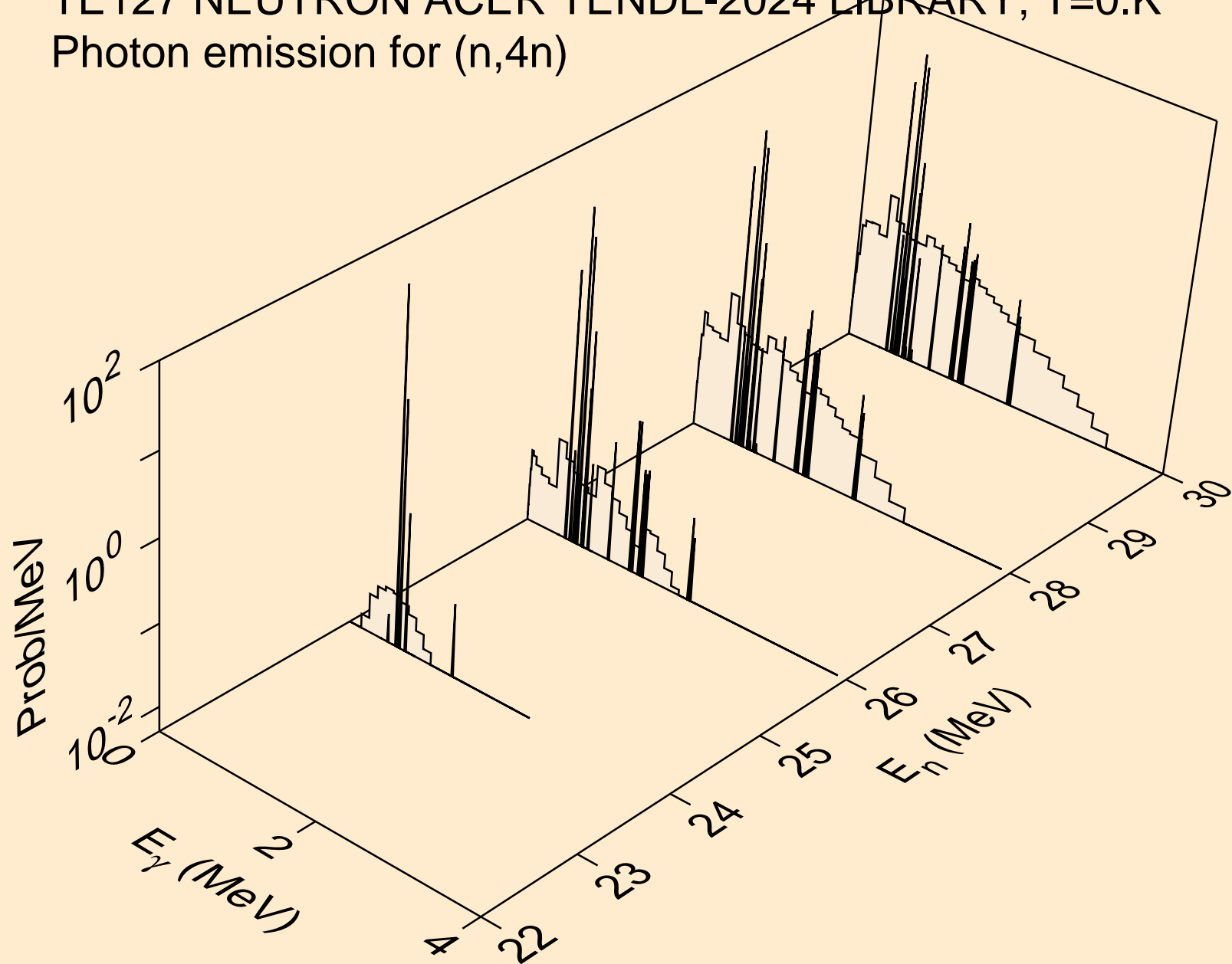
TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



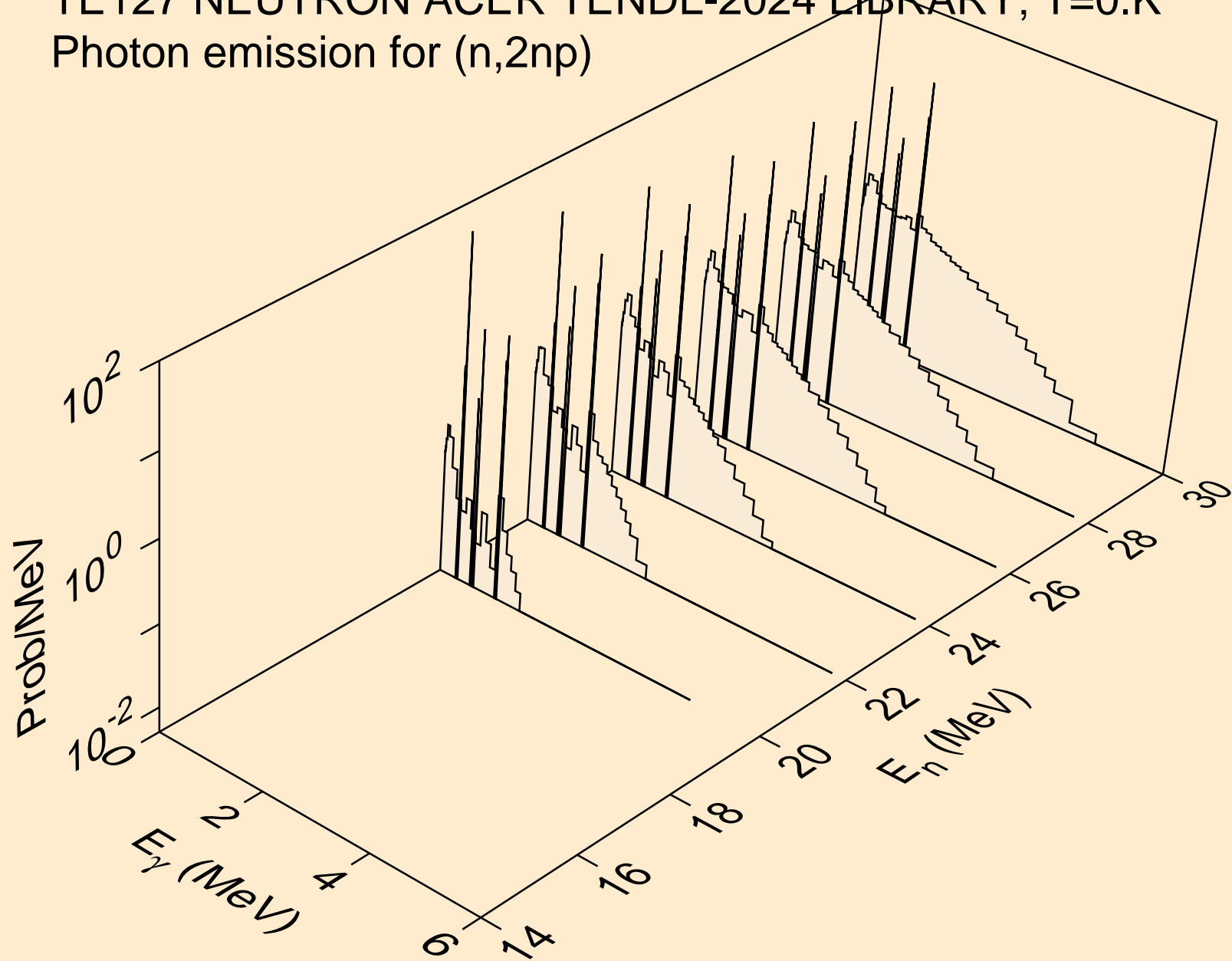
TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



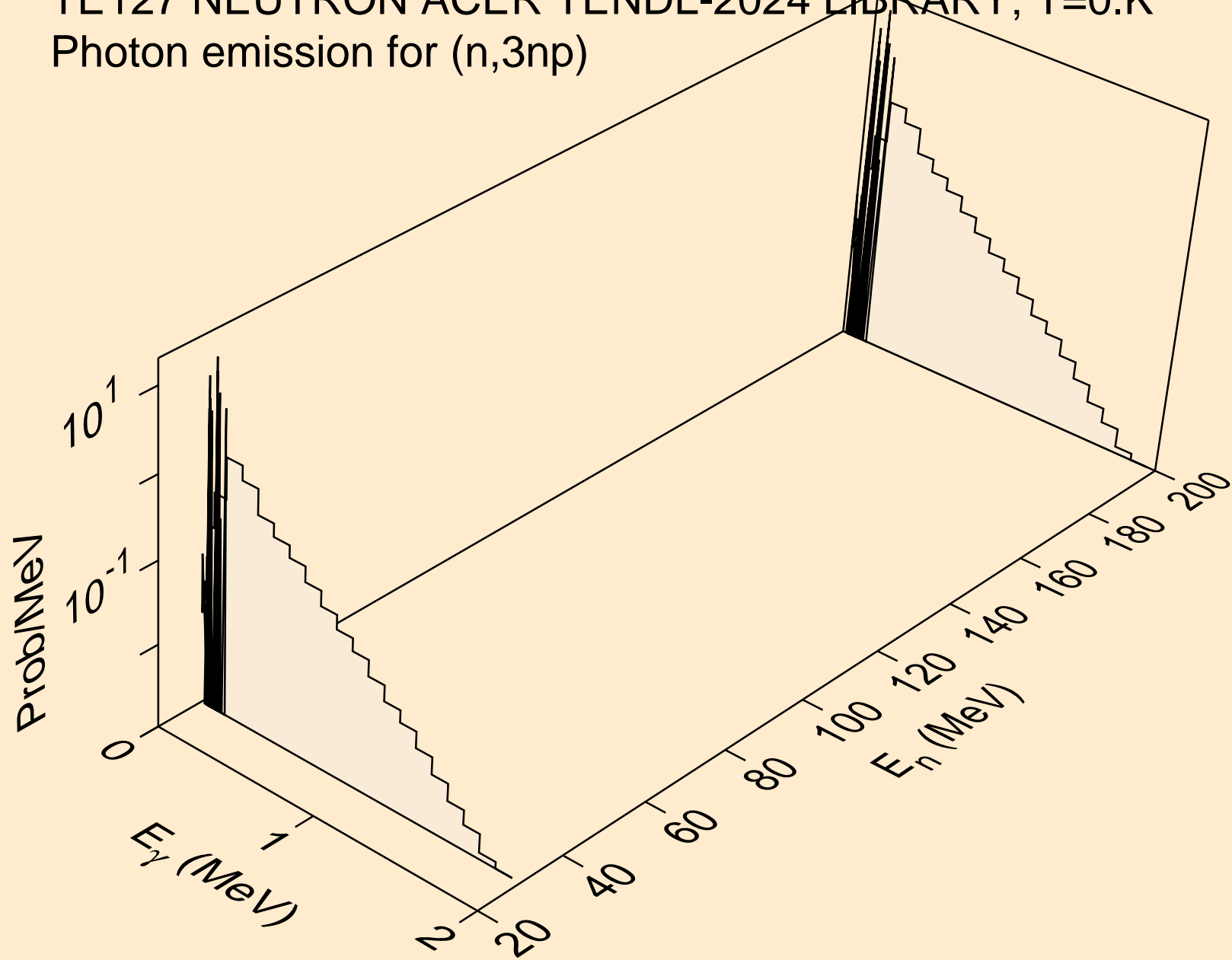
TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)

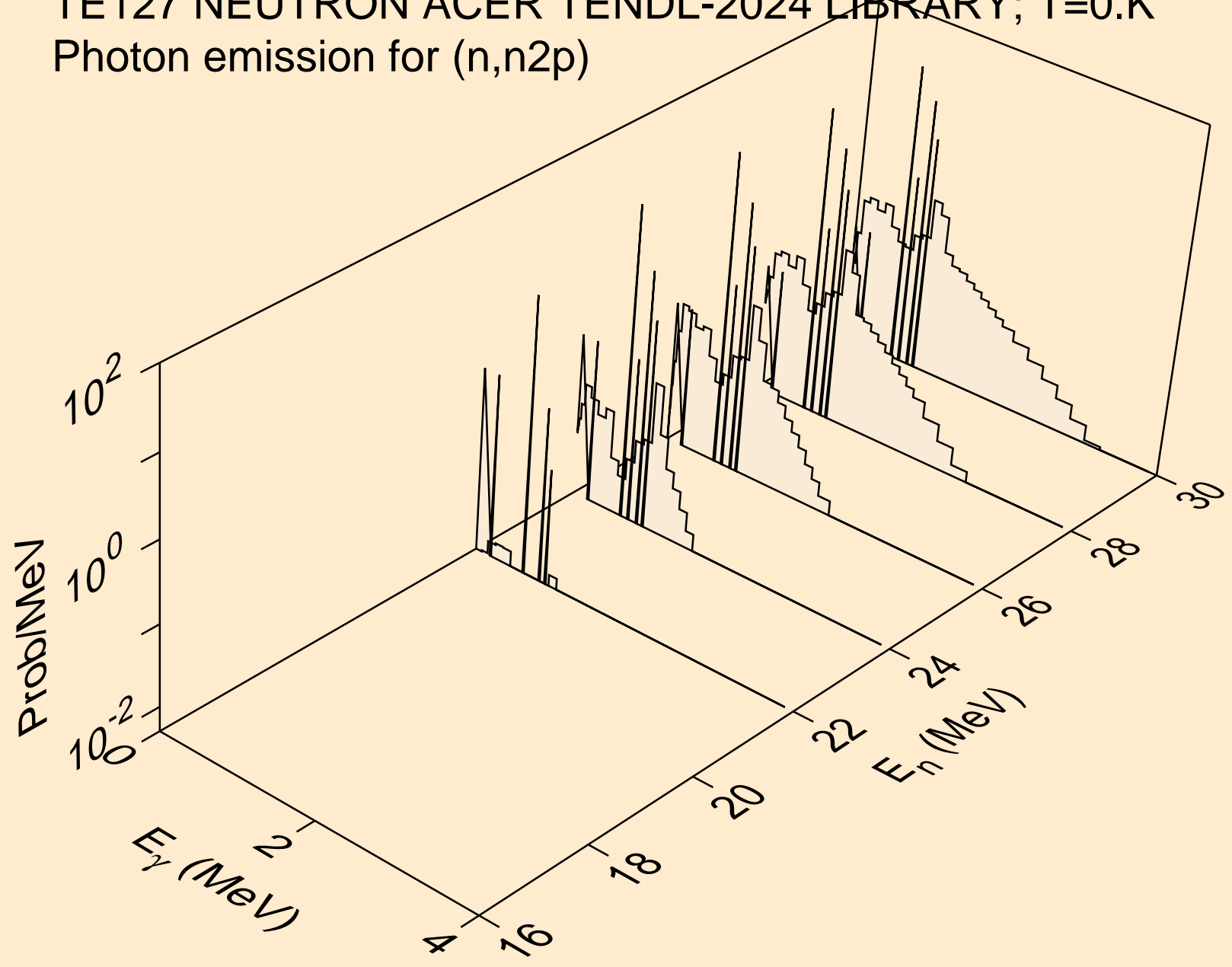


TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)

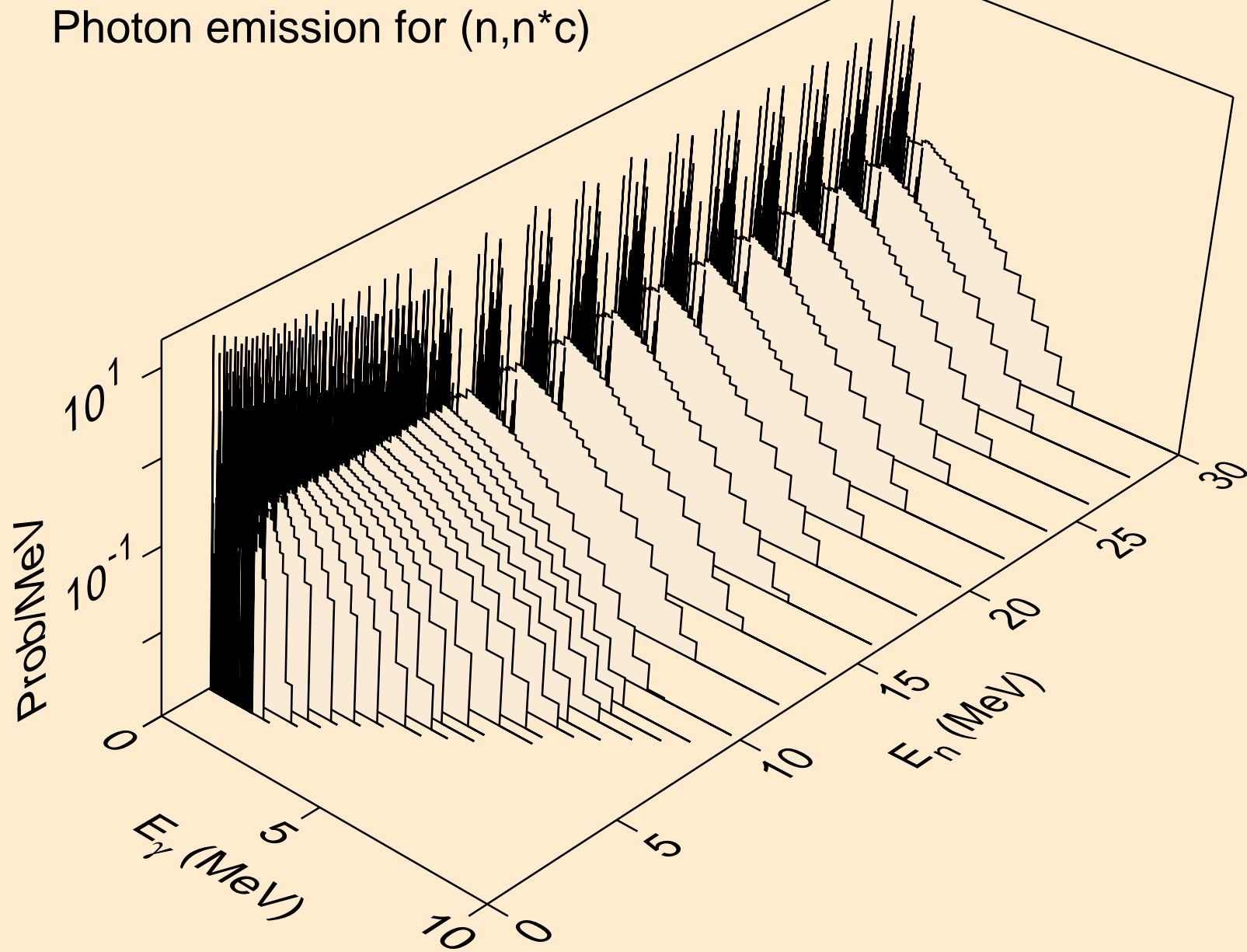




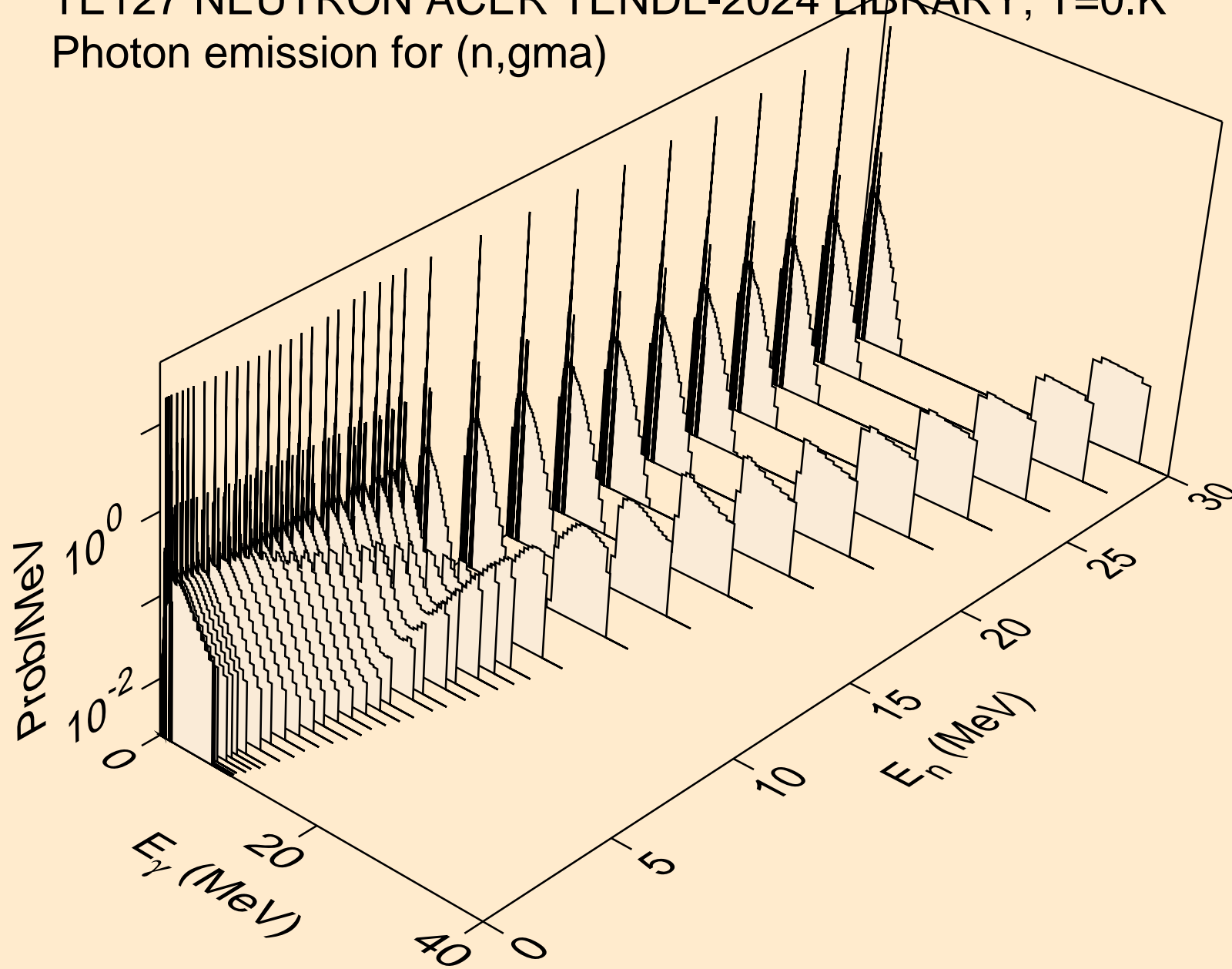
TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



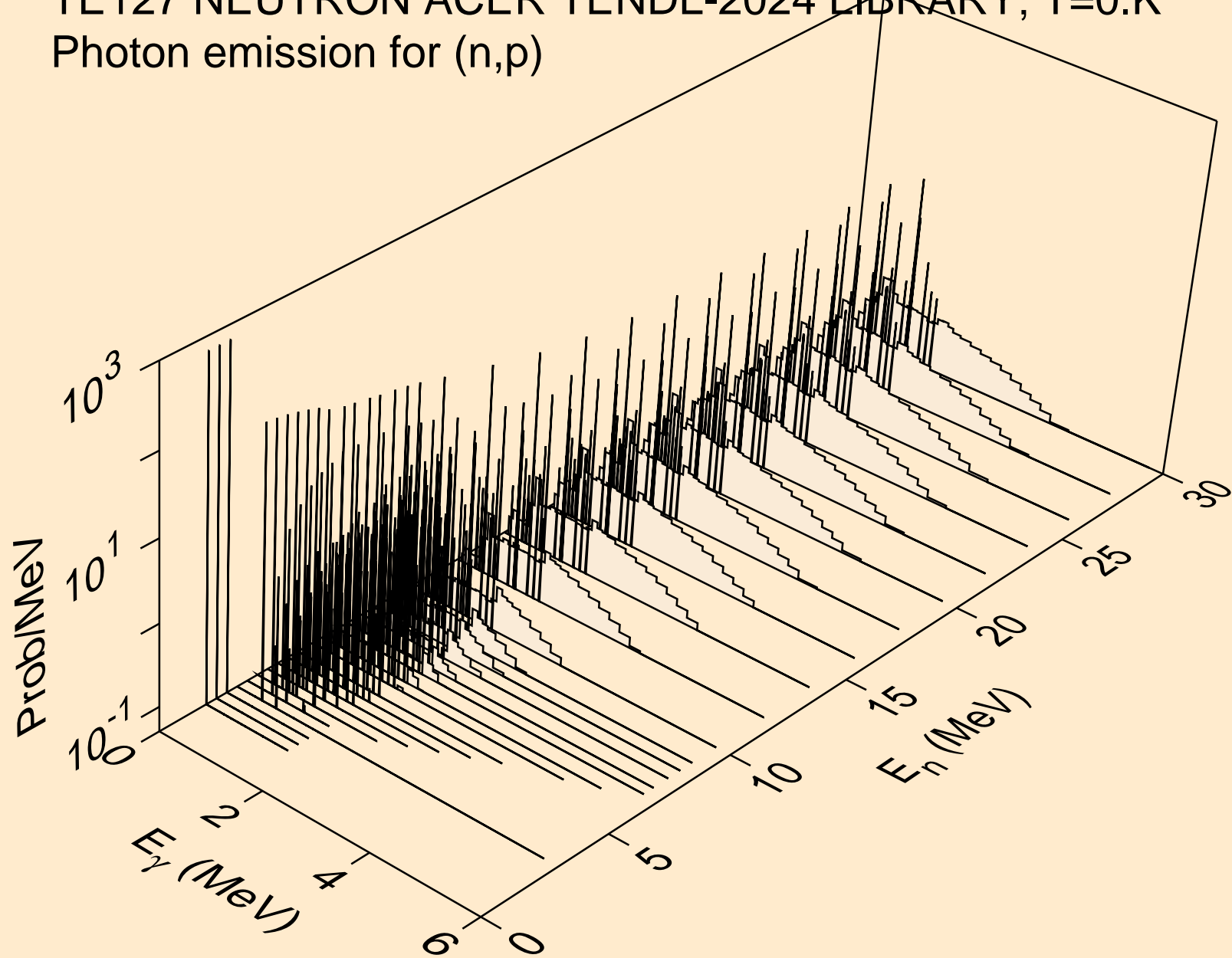
TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



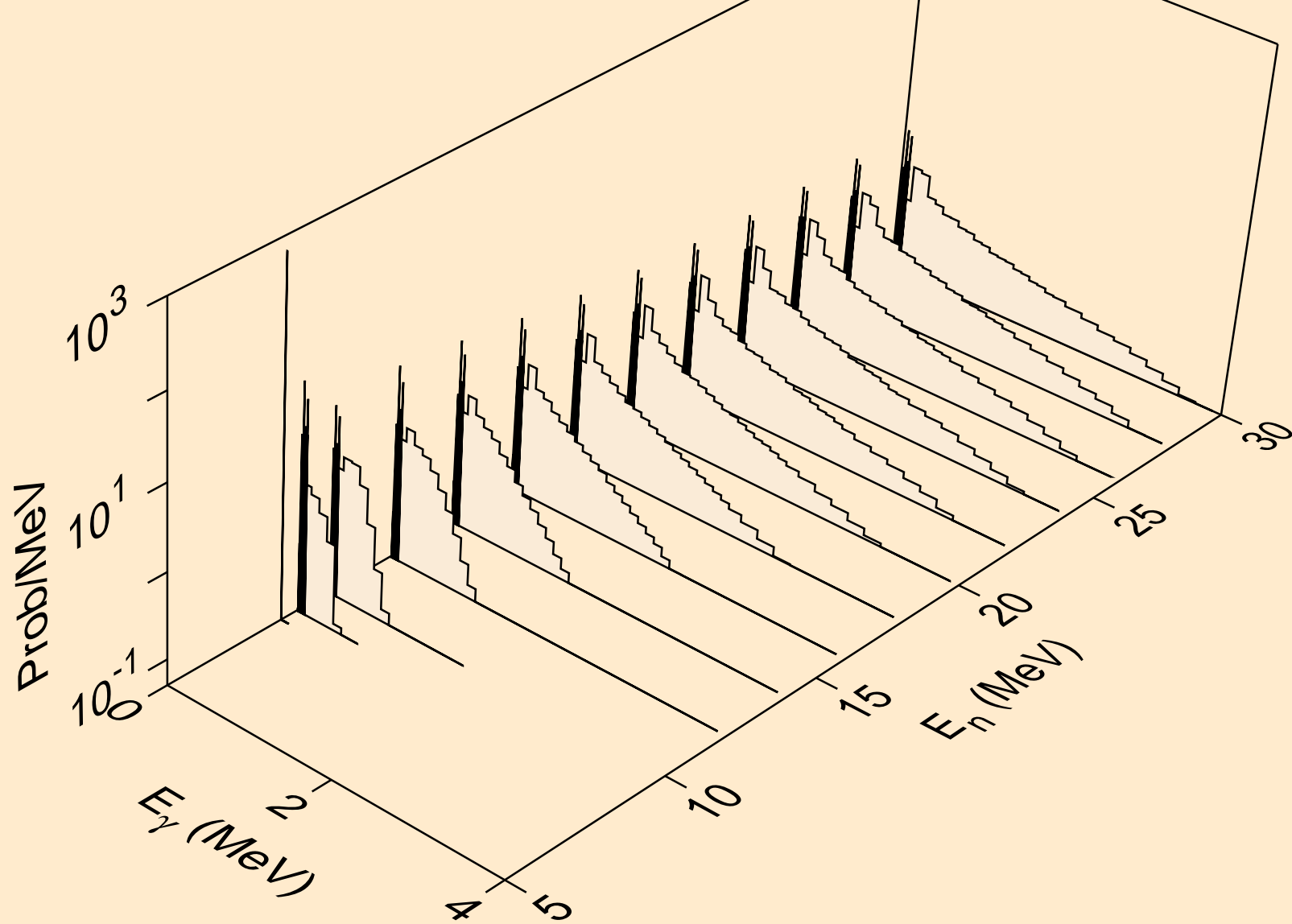
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Photon emission for (n,gma)



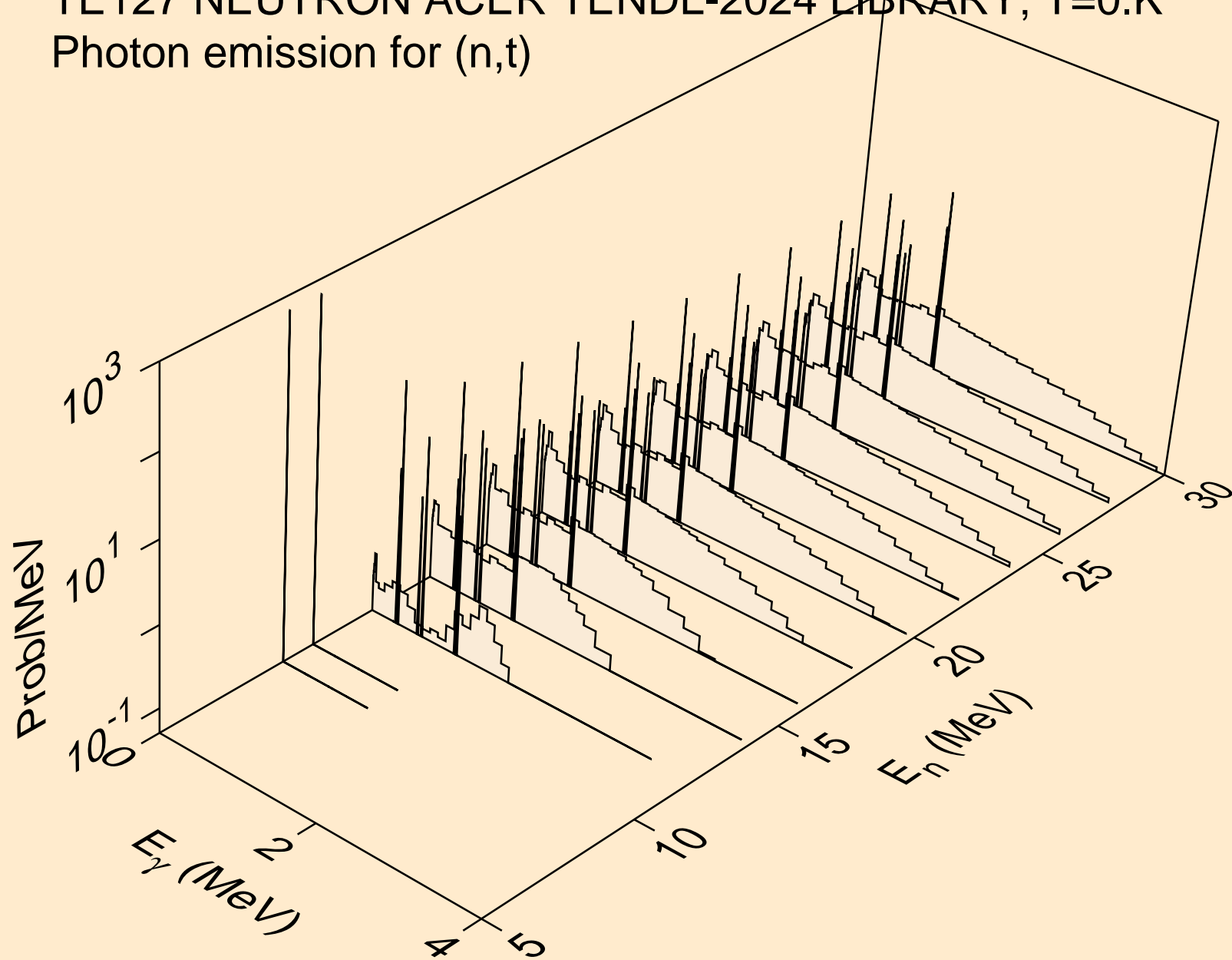
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Photon emission for (n,p)



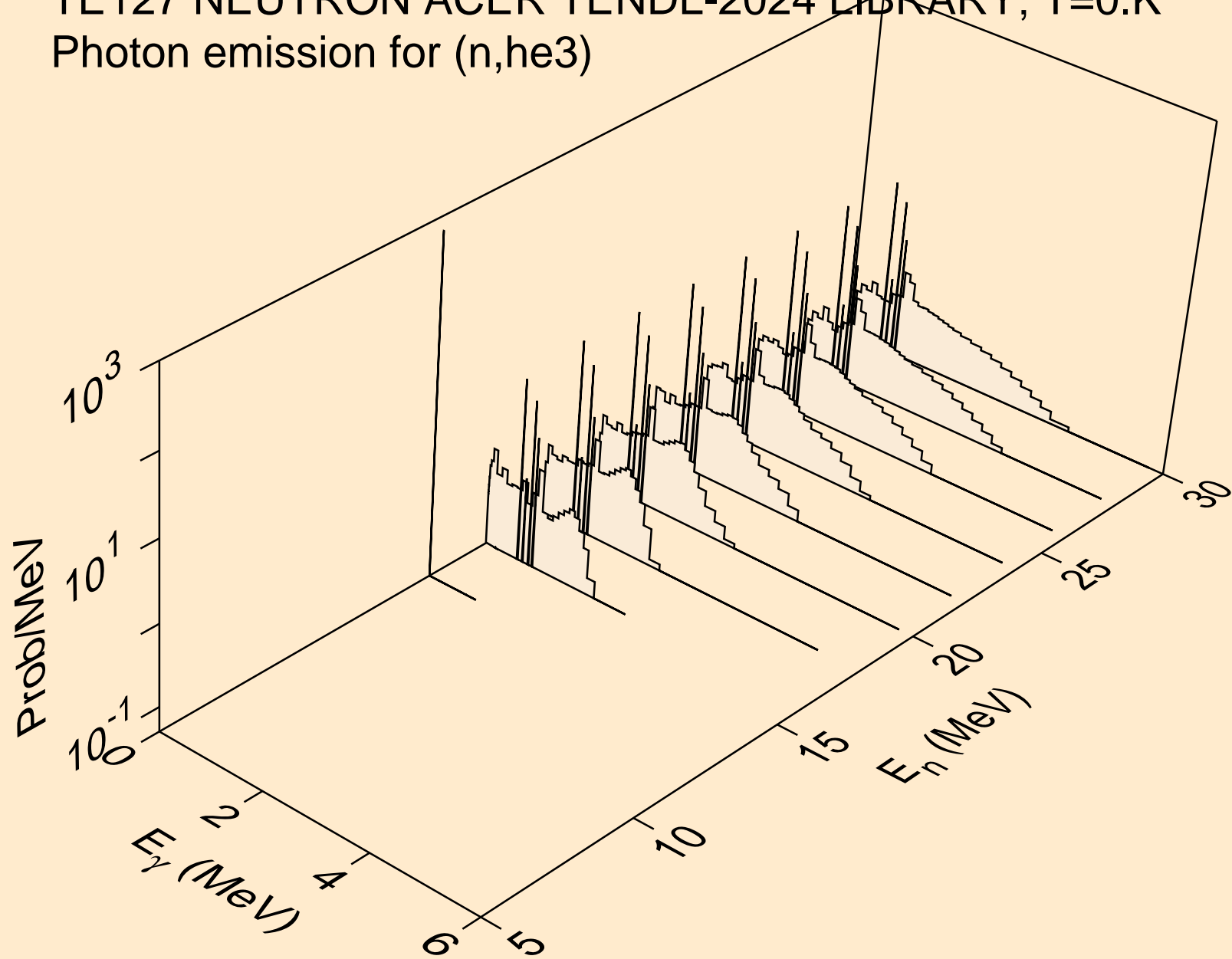
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Photon emission for (n,d)



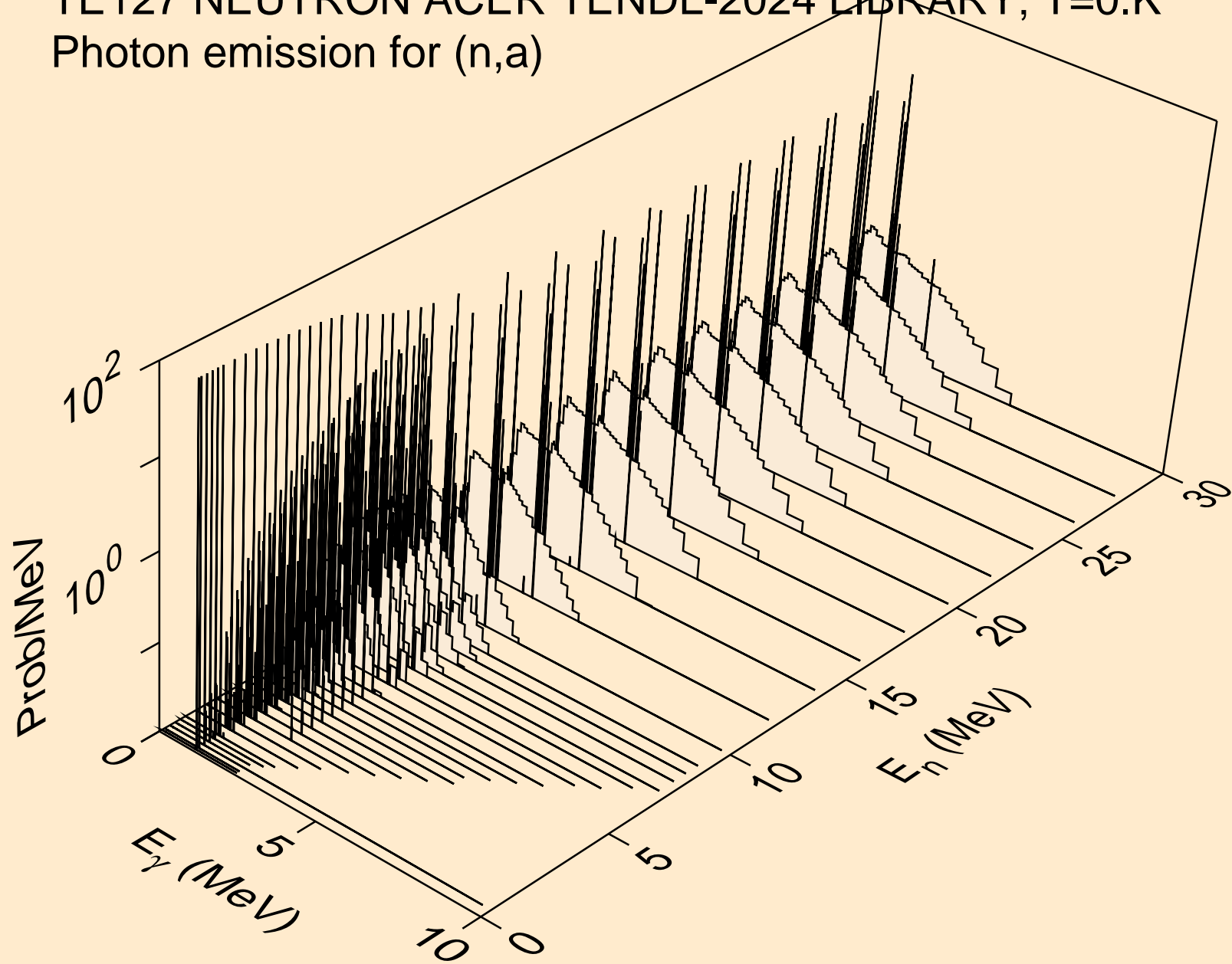
TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)

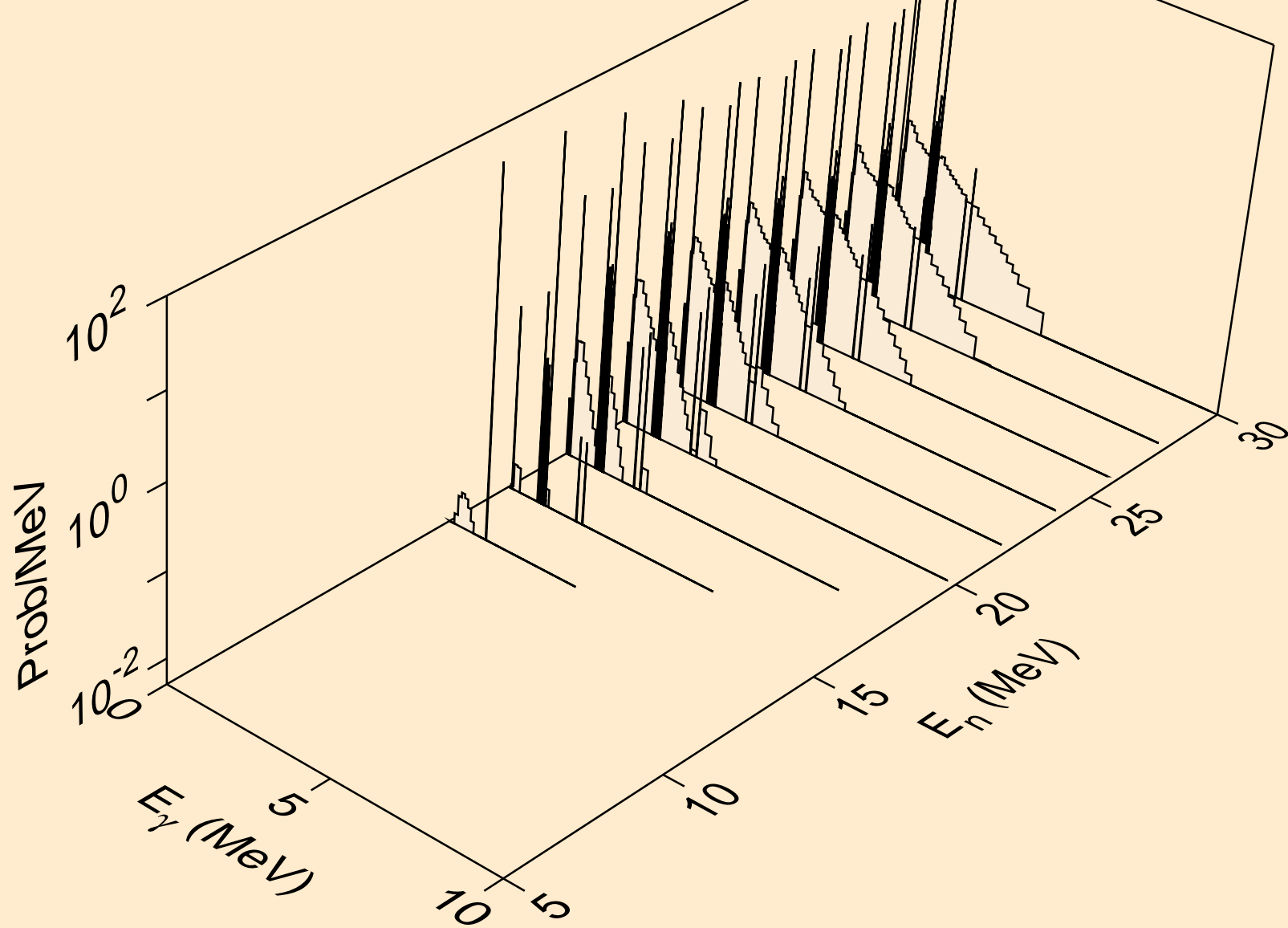


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Photon emission for (n,a)

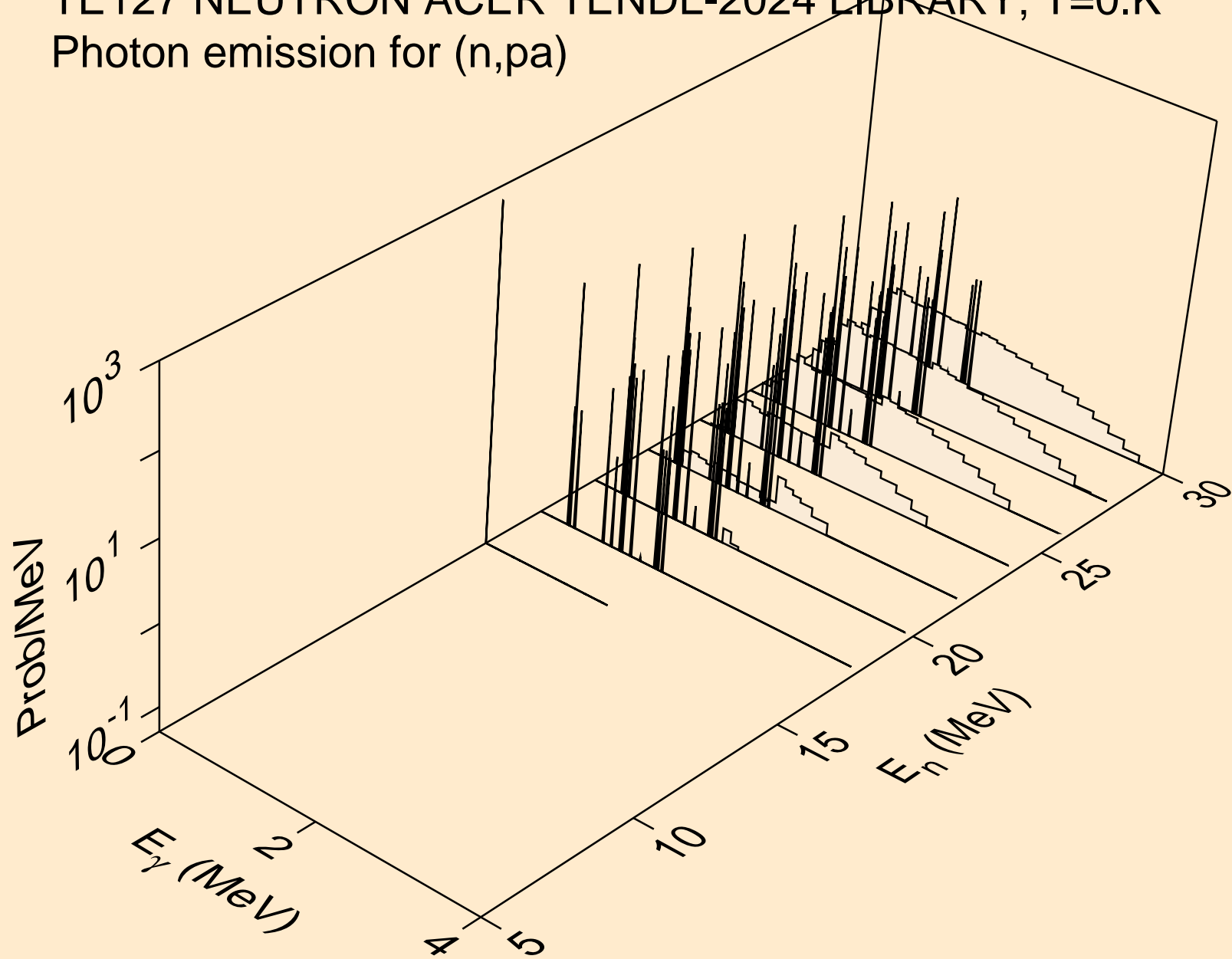




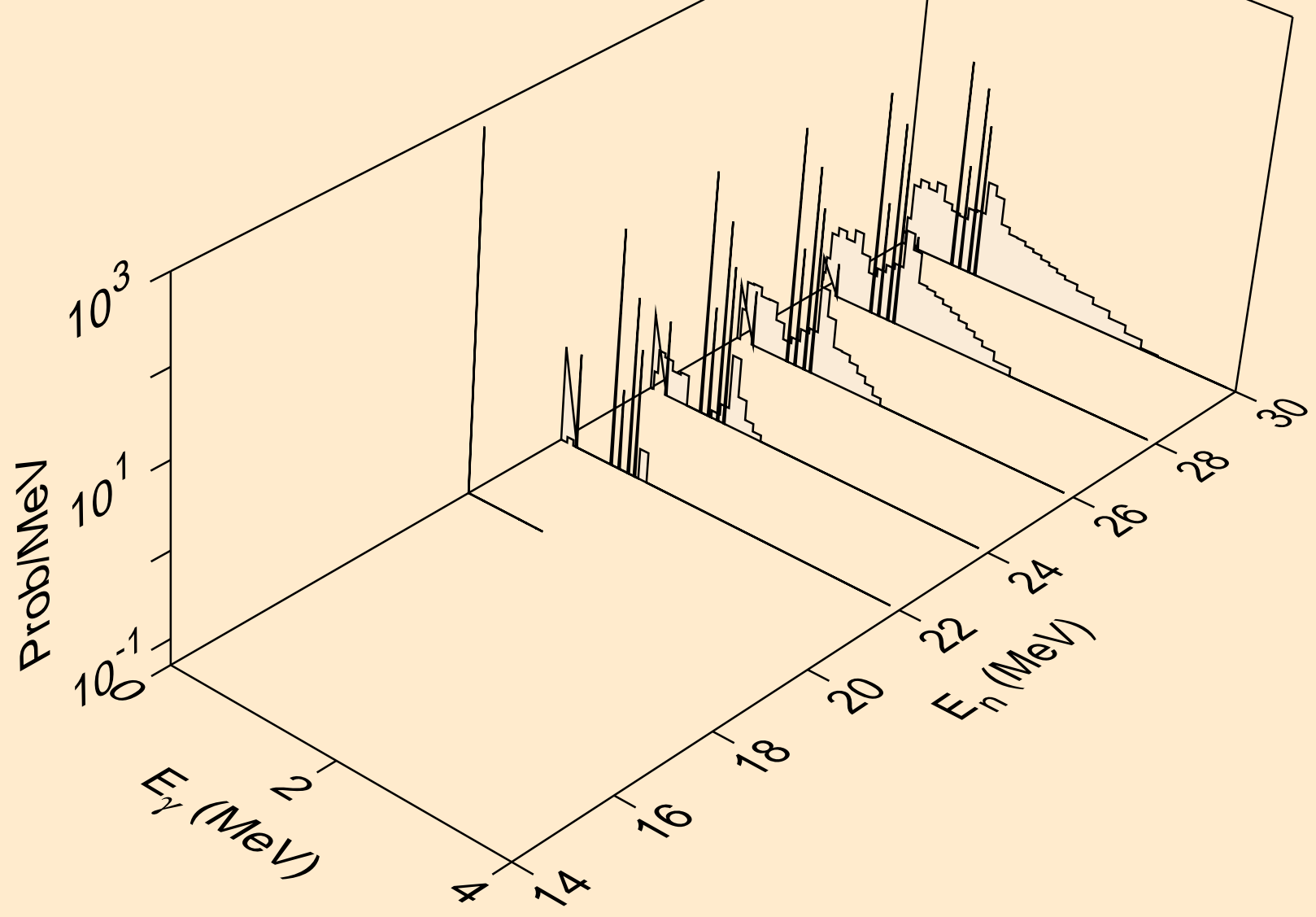
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Photon emission for (n,2p)



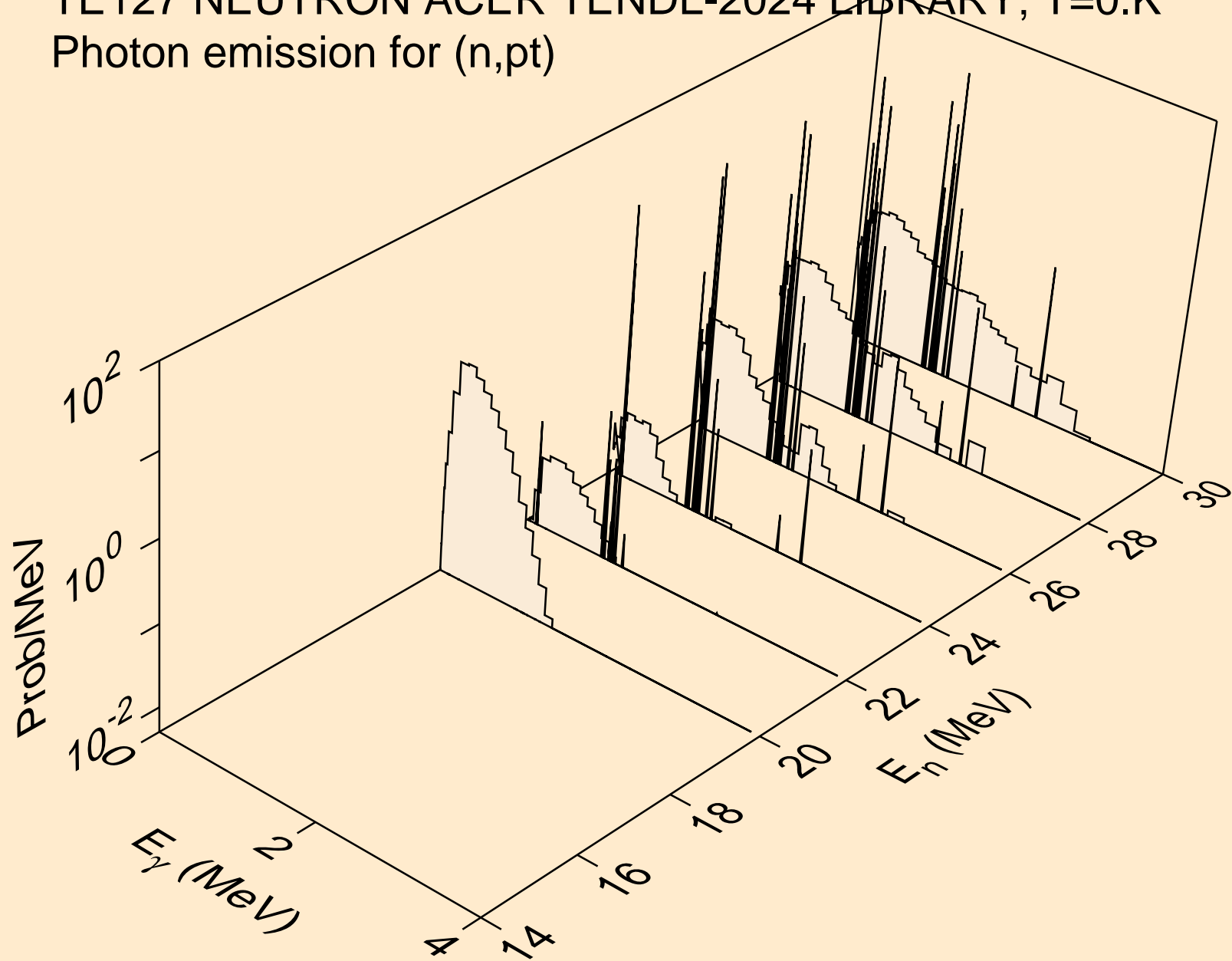
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Photon emission for (n,p)



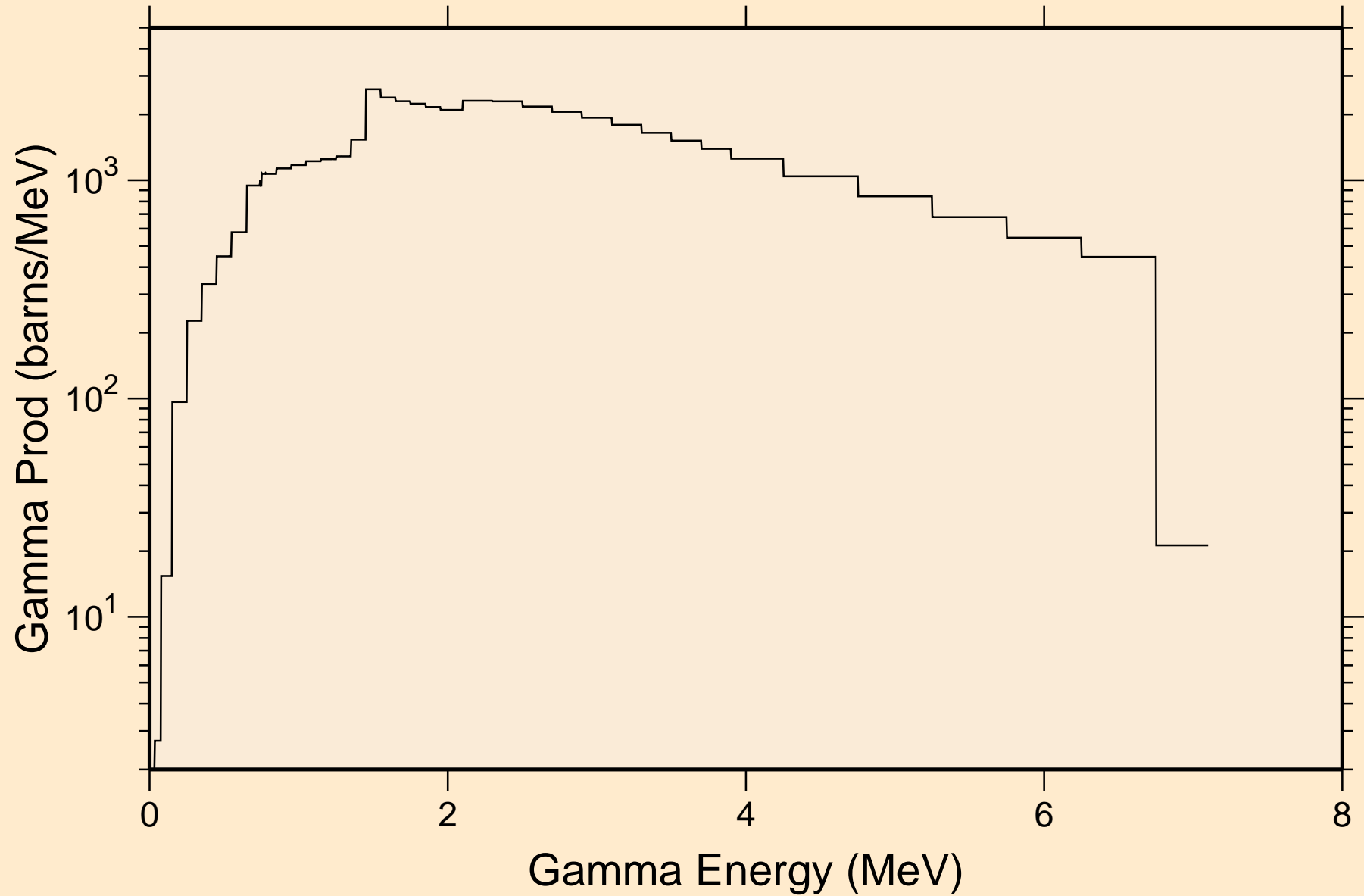
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Photon emission for (n,pd)



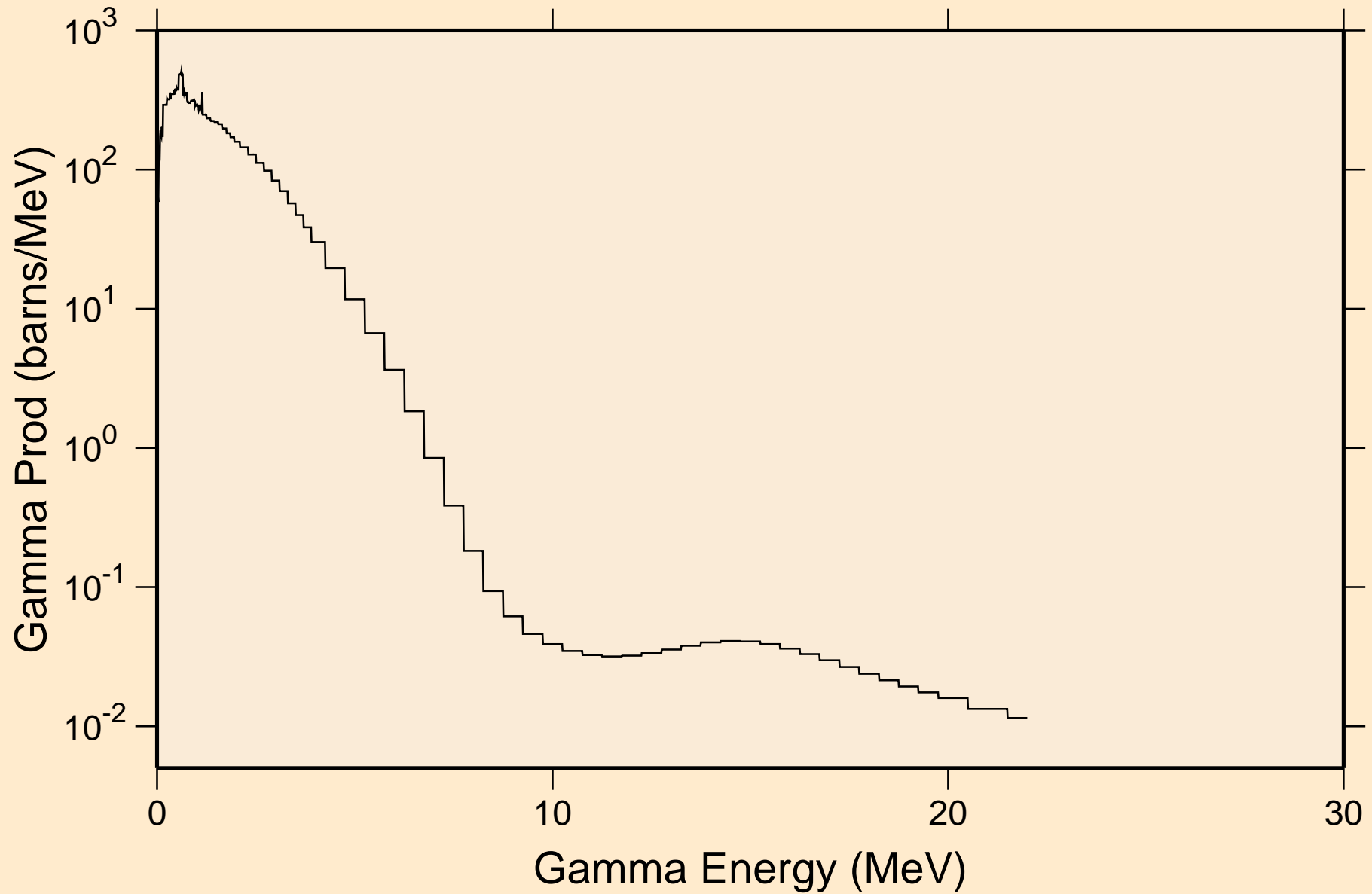
TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

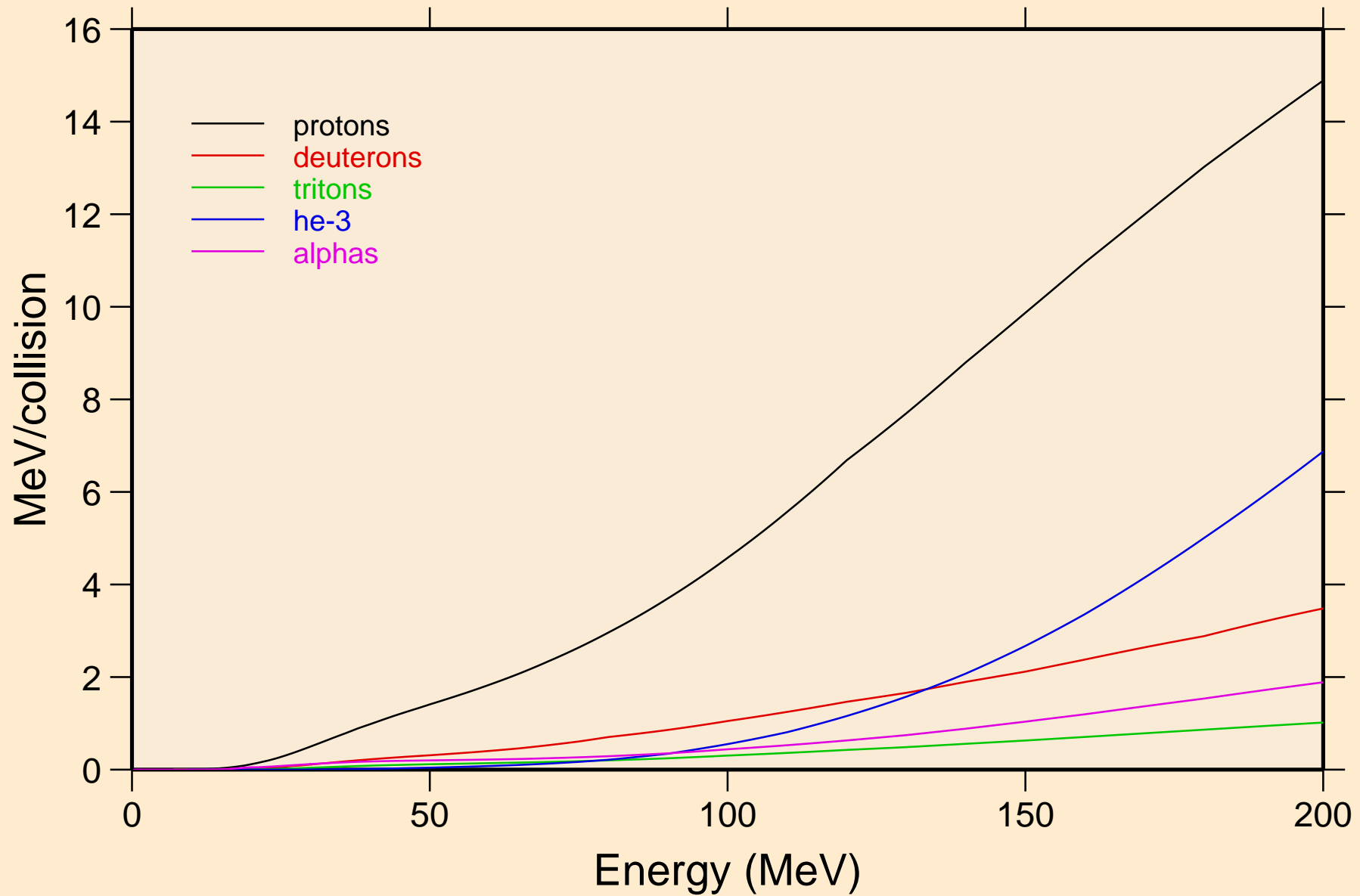


TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

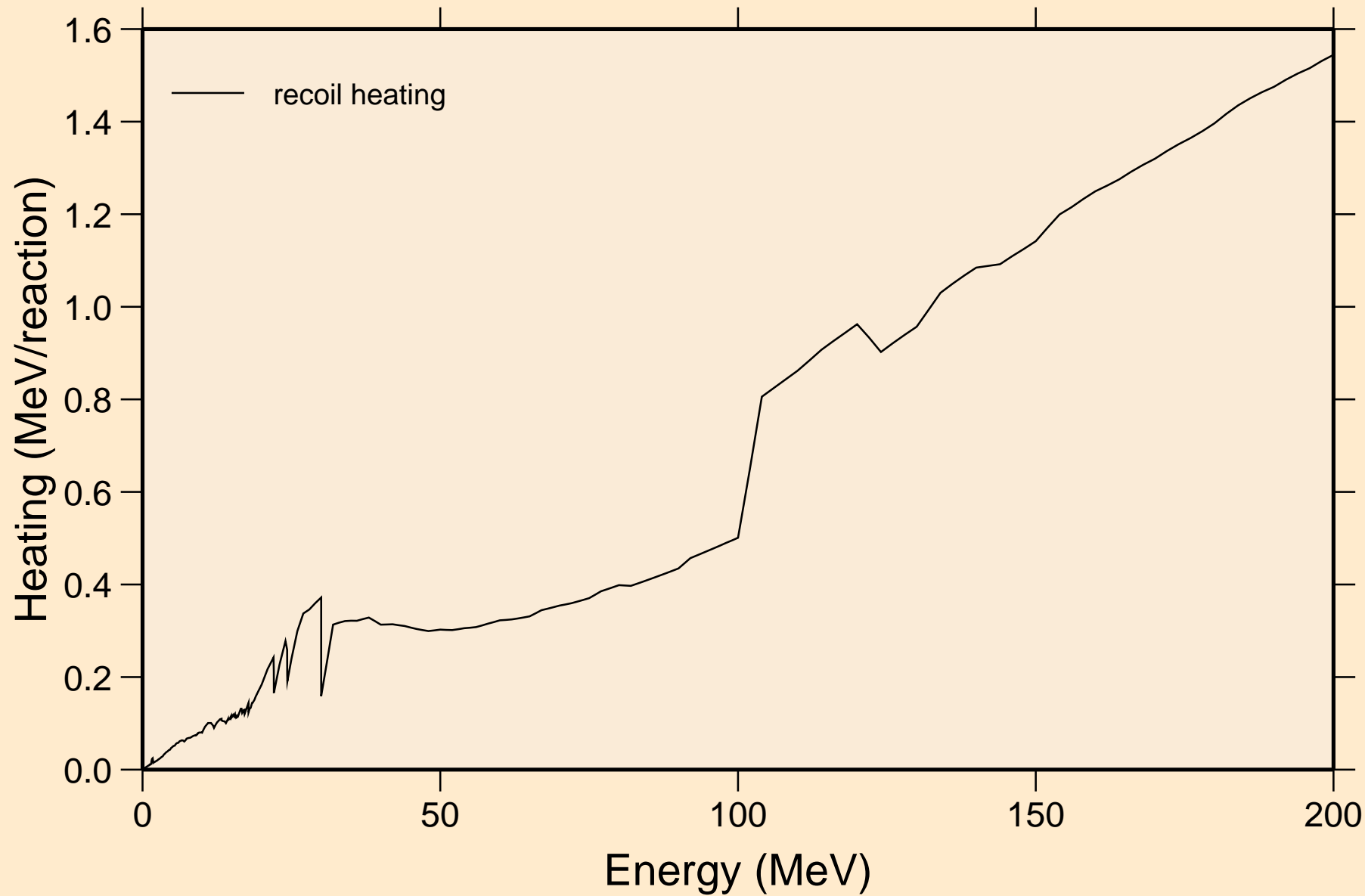


# TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions

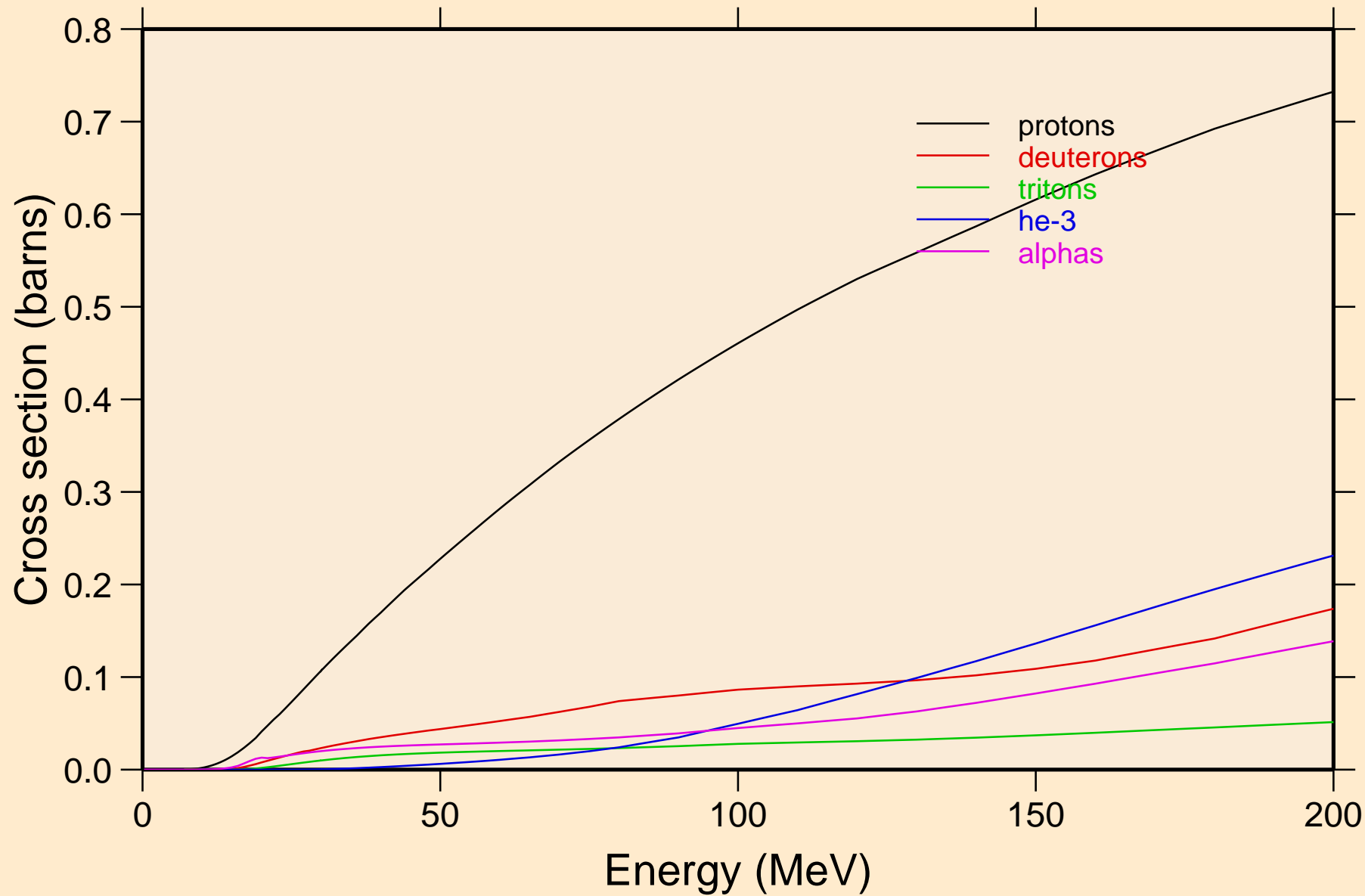


TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating

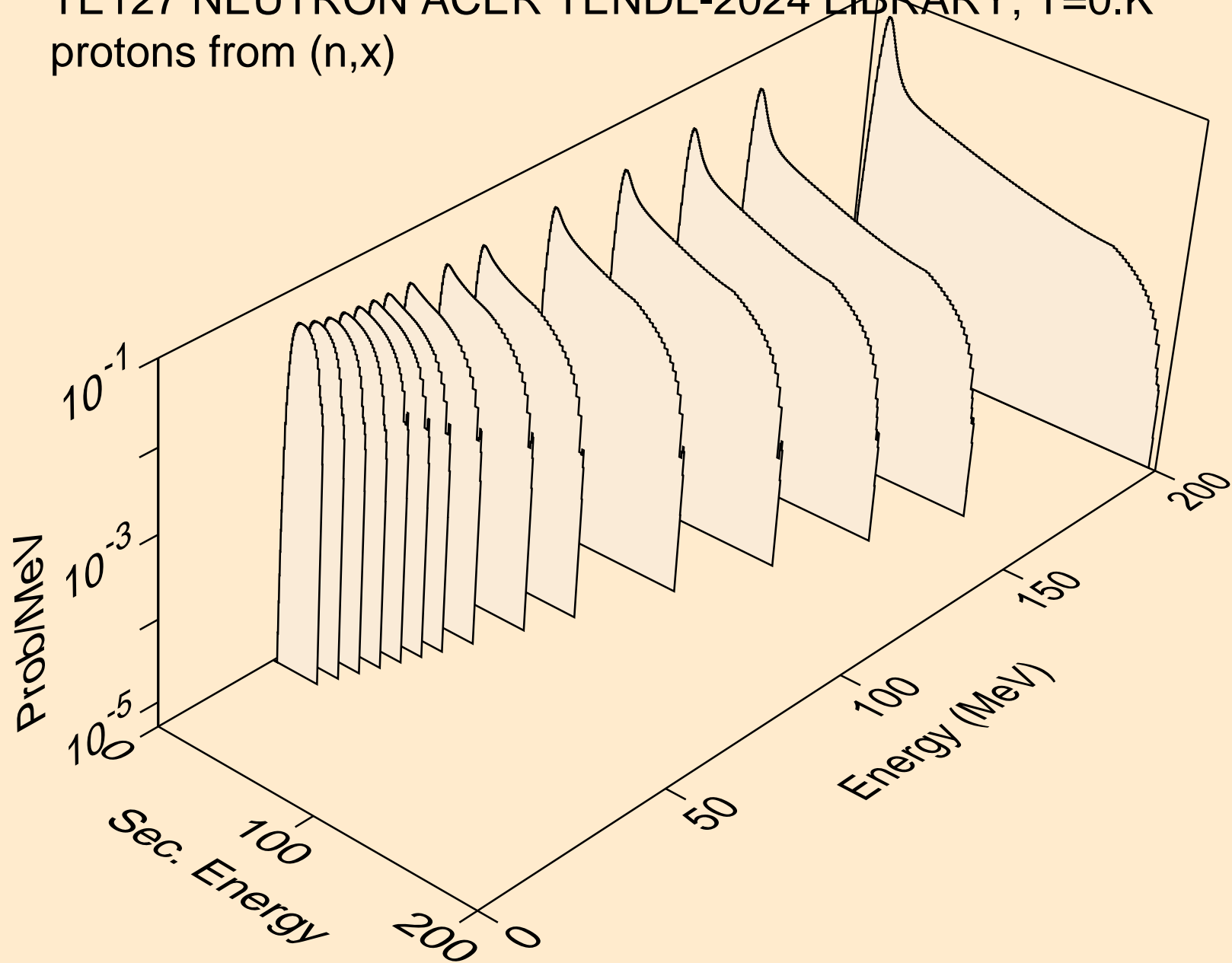




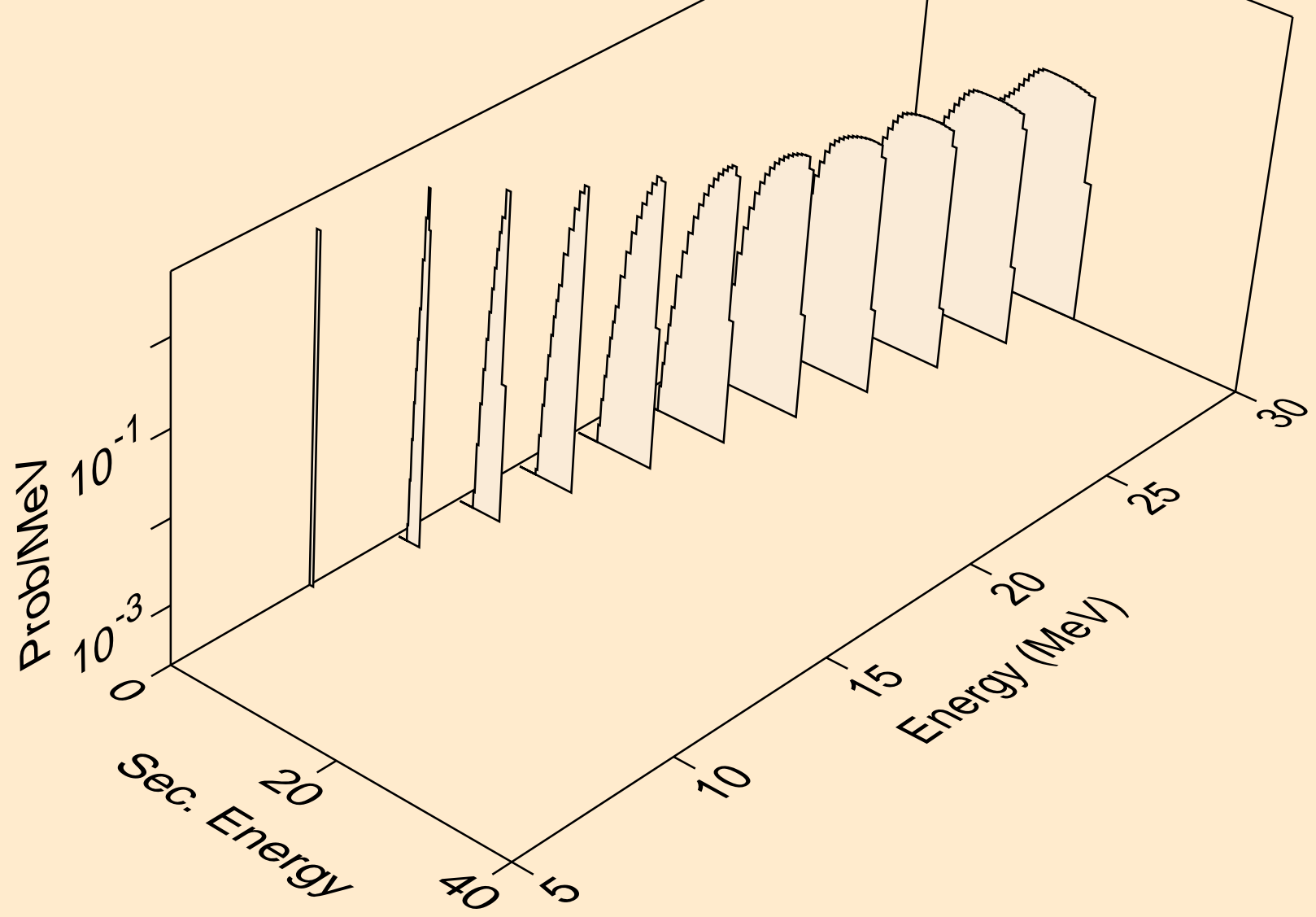
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Particle production cross sections



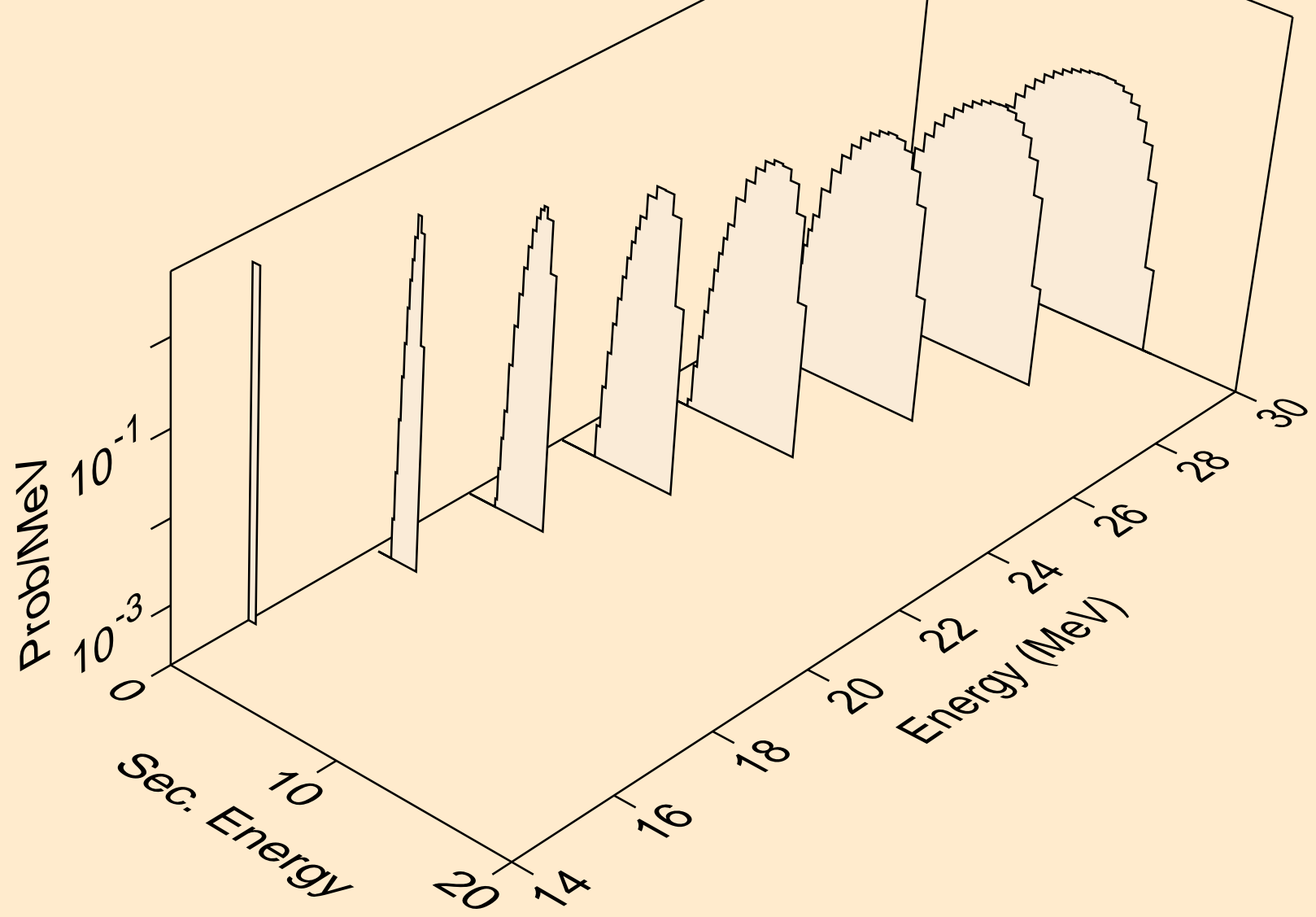
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protons from (n,x)



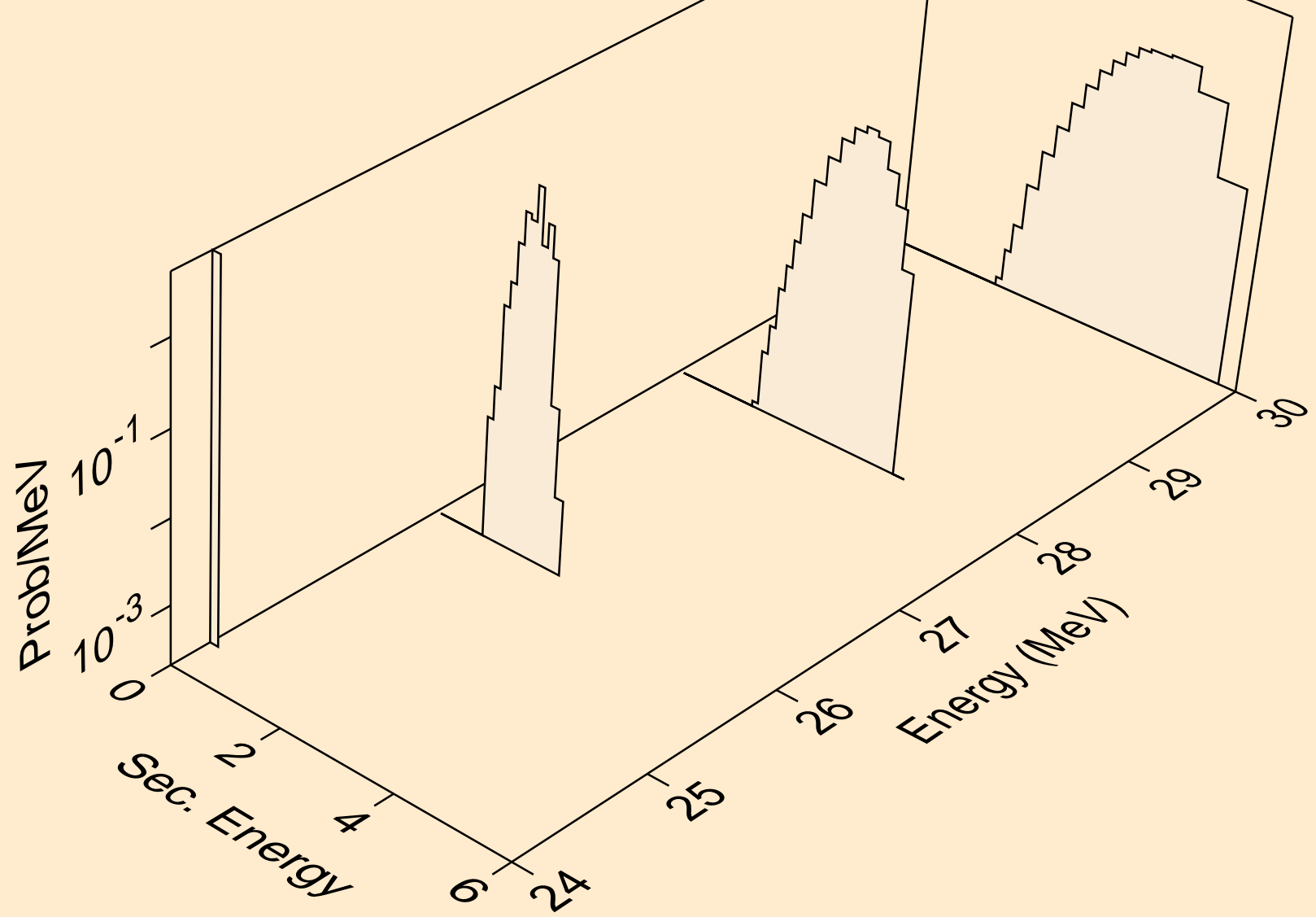
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protons from (n,n\*)p



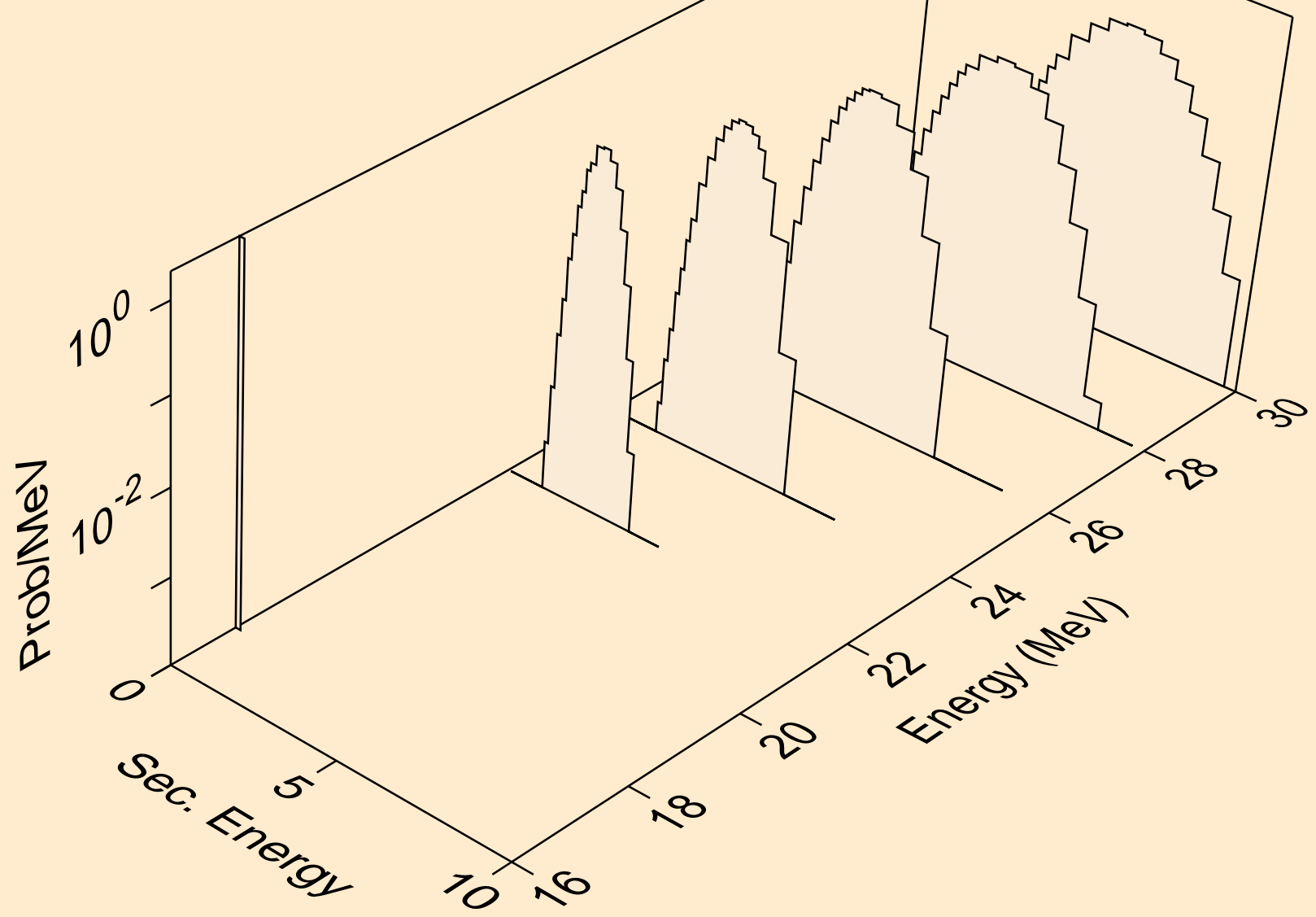
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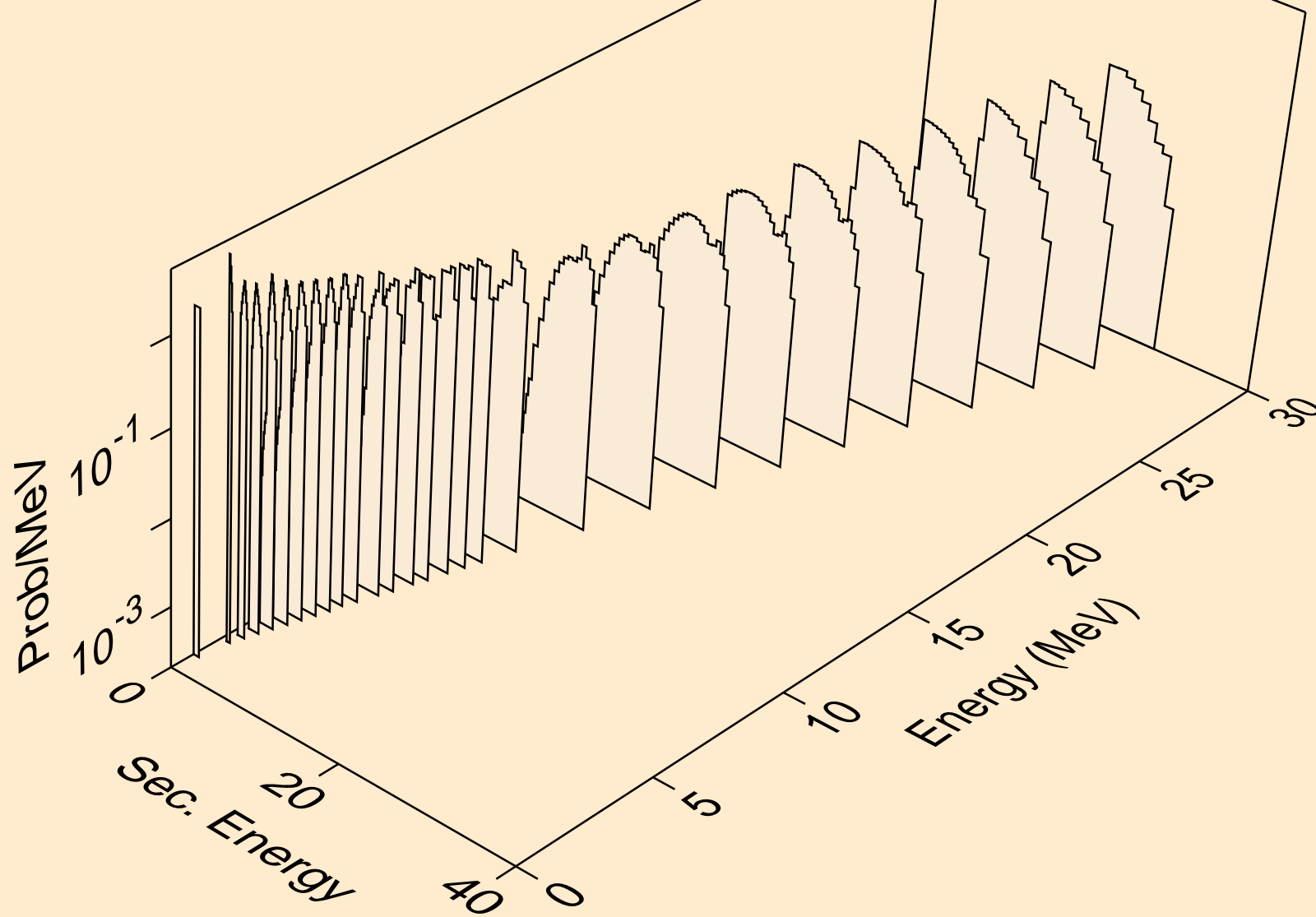
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protons from (n,3np)



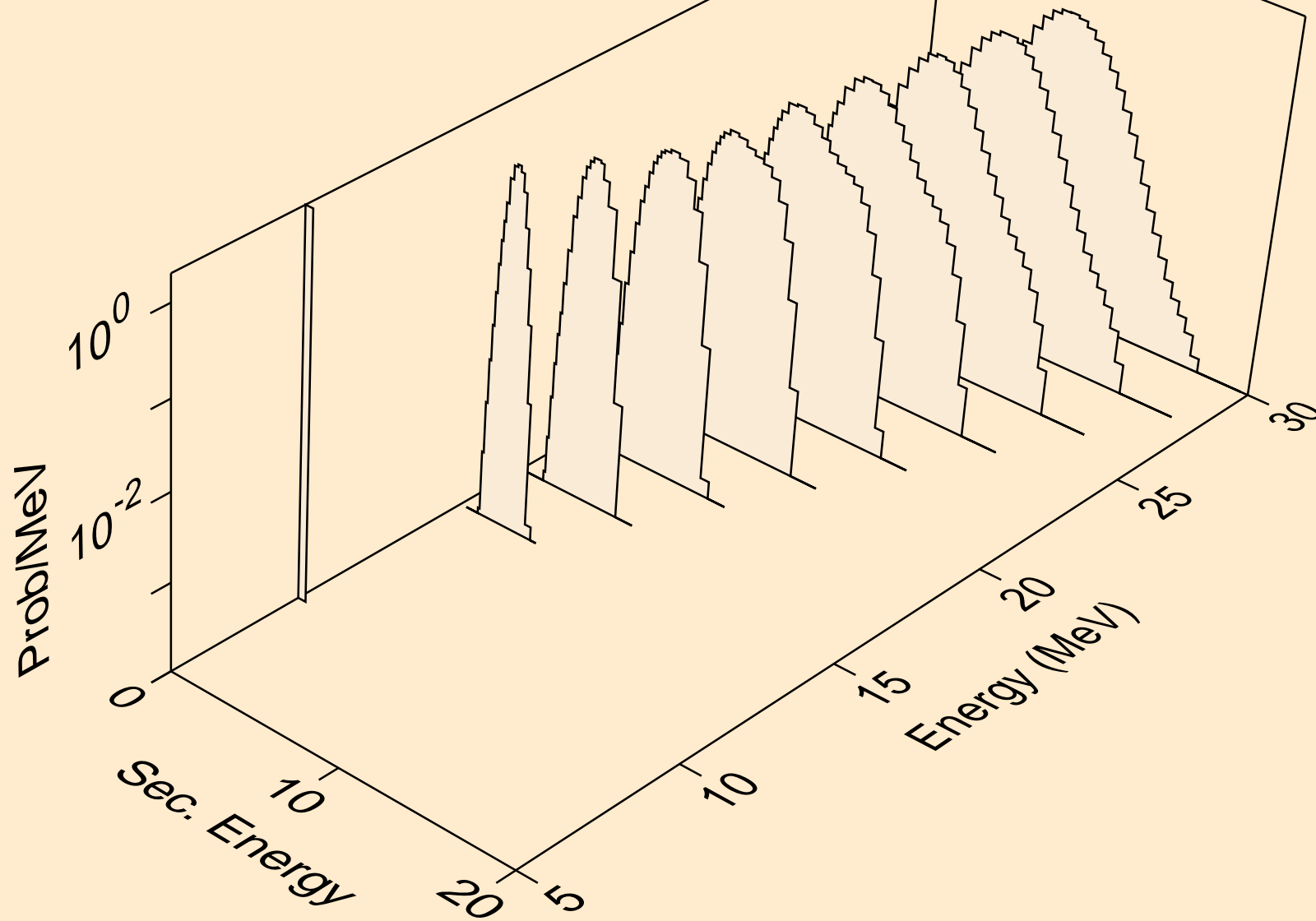
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protons from (n,n2p)



TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)

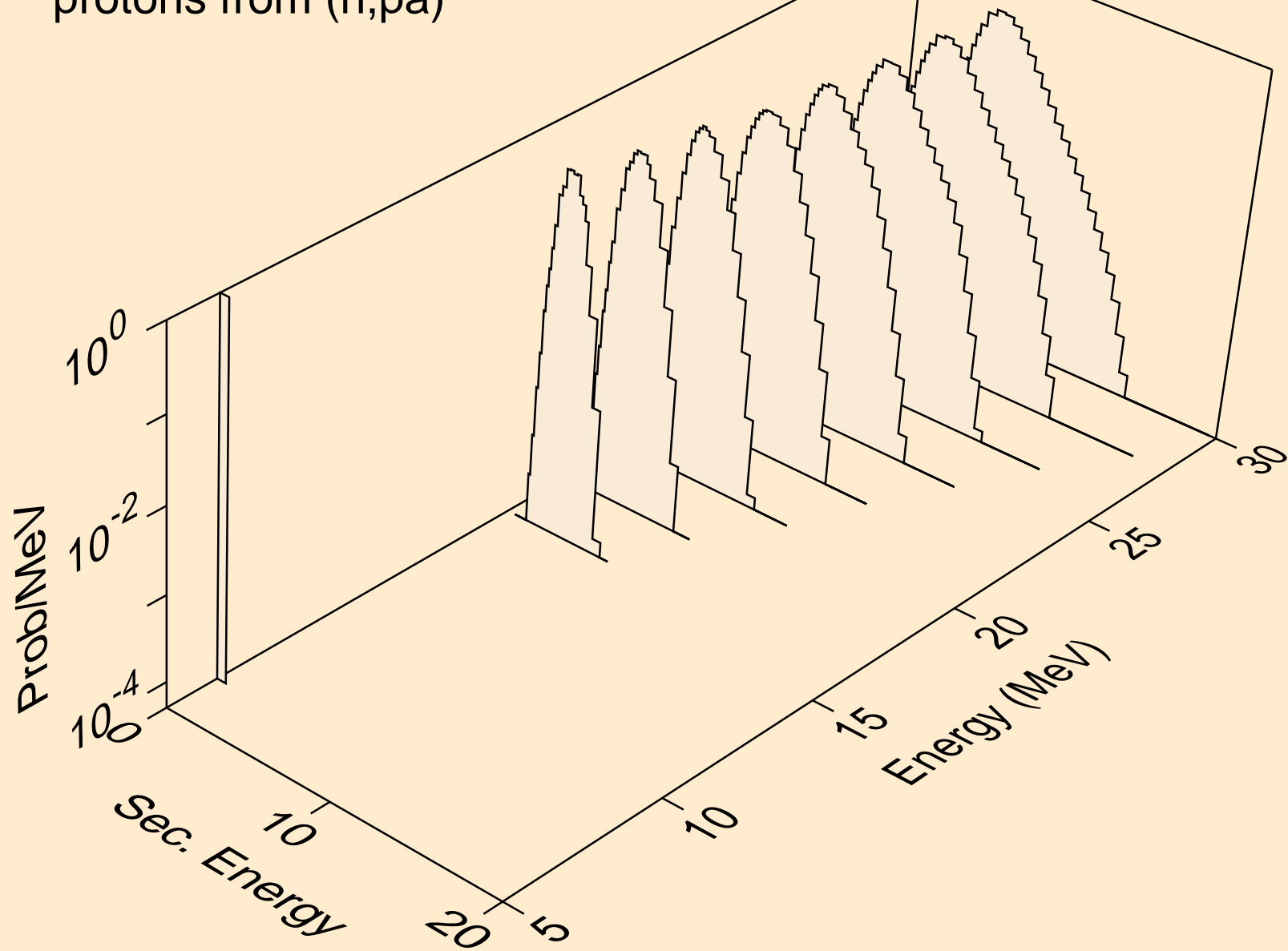


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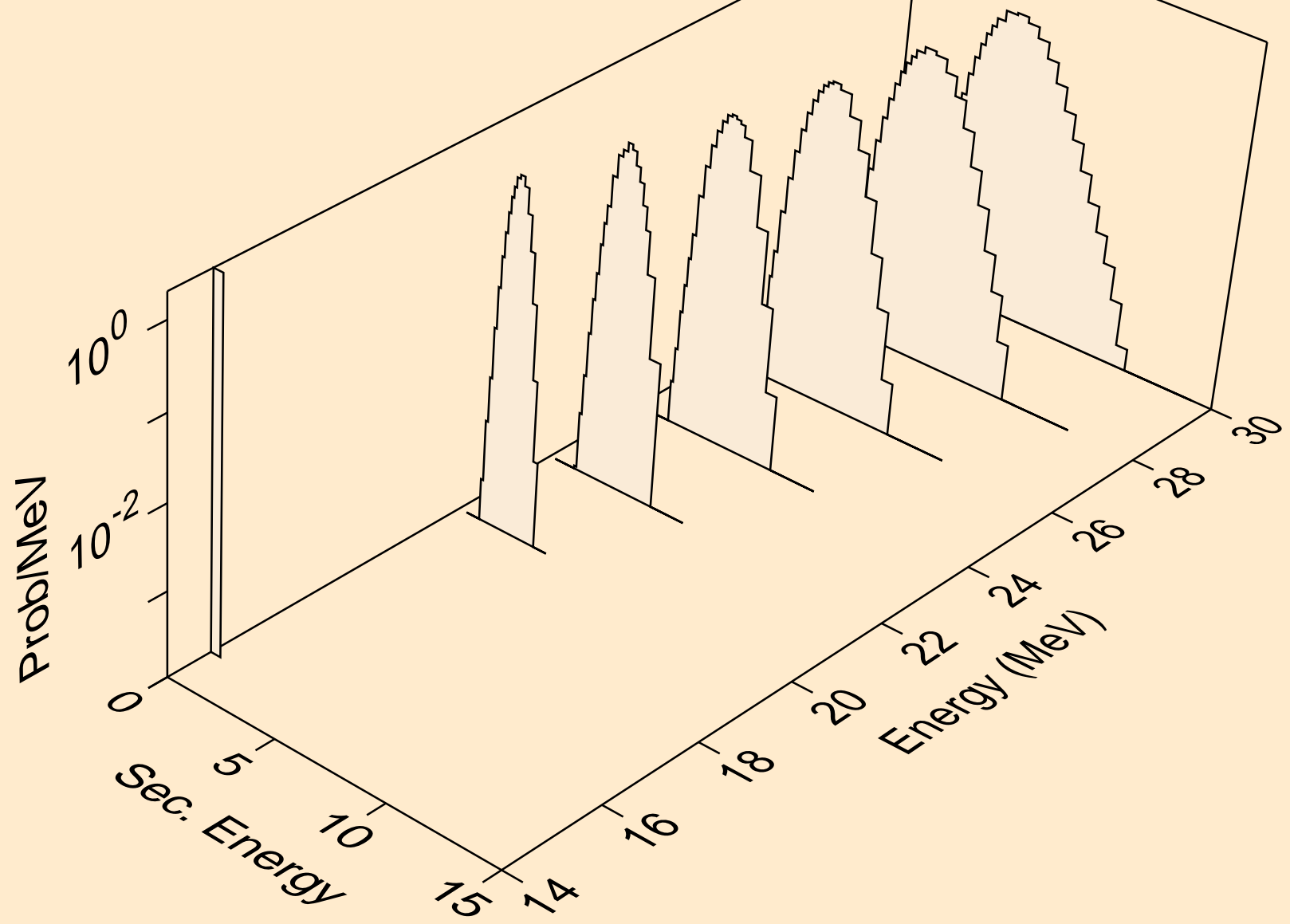




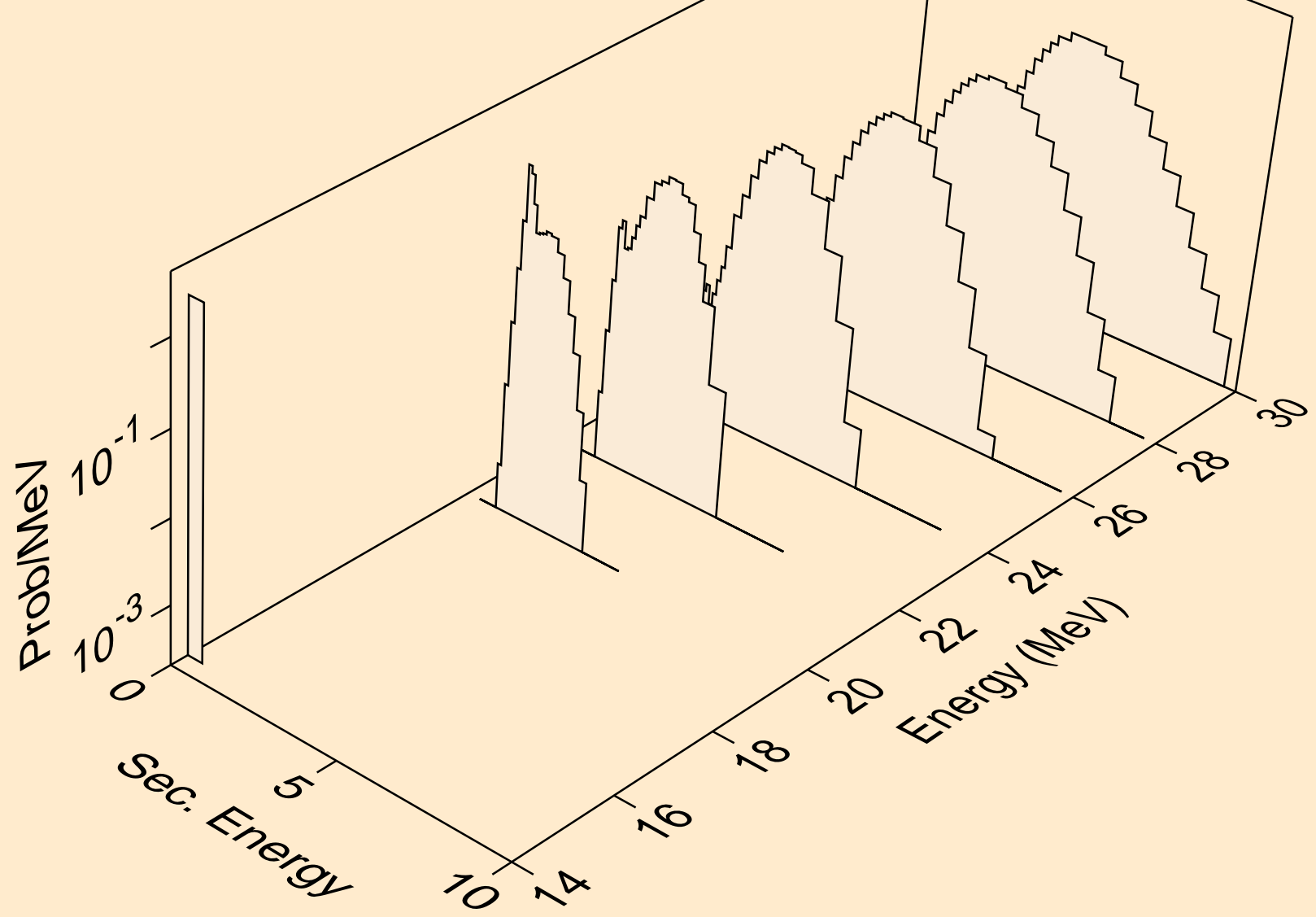
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protons from (n,pa)



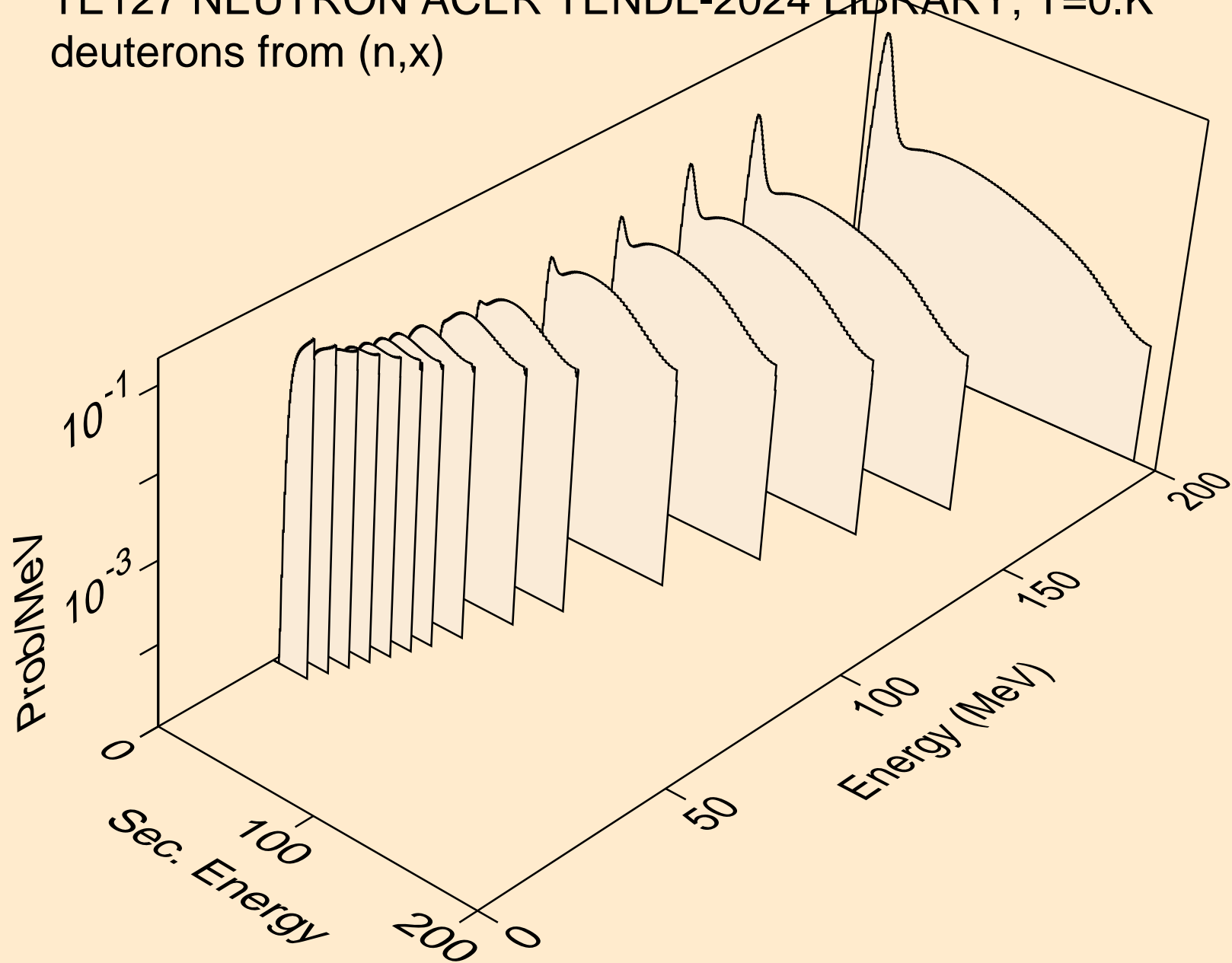
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protons from (n,pd)



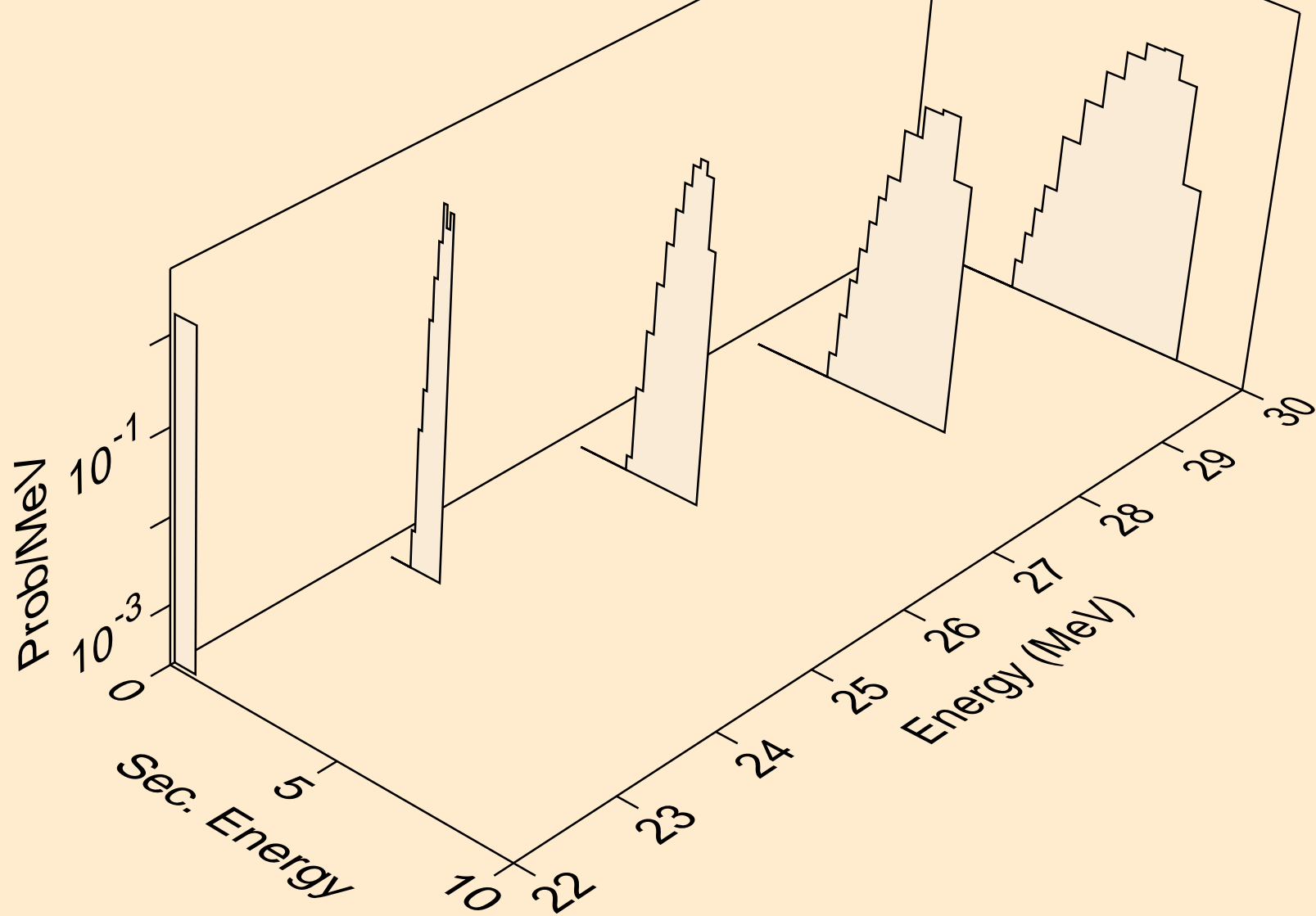
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protons from (n,pt)



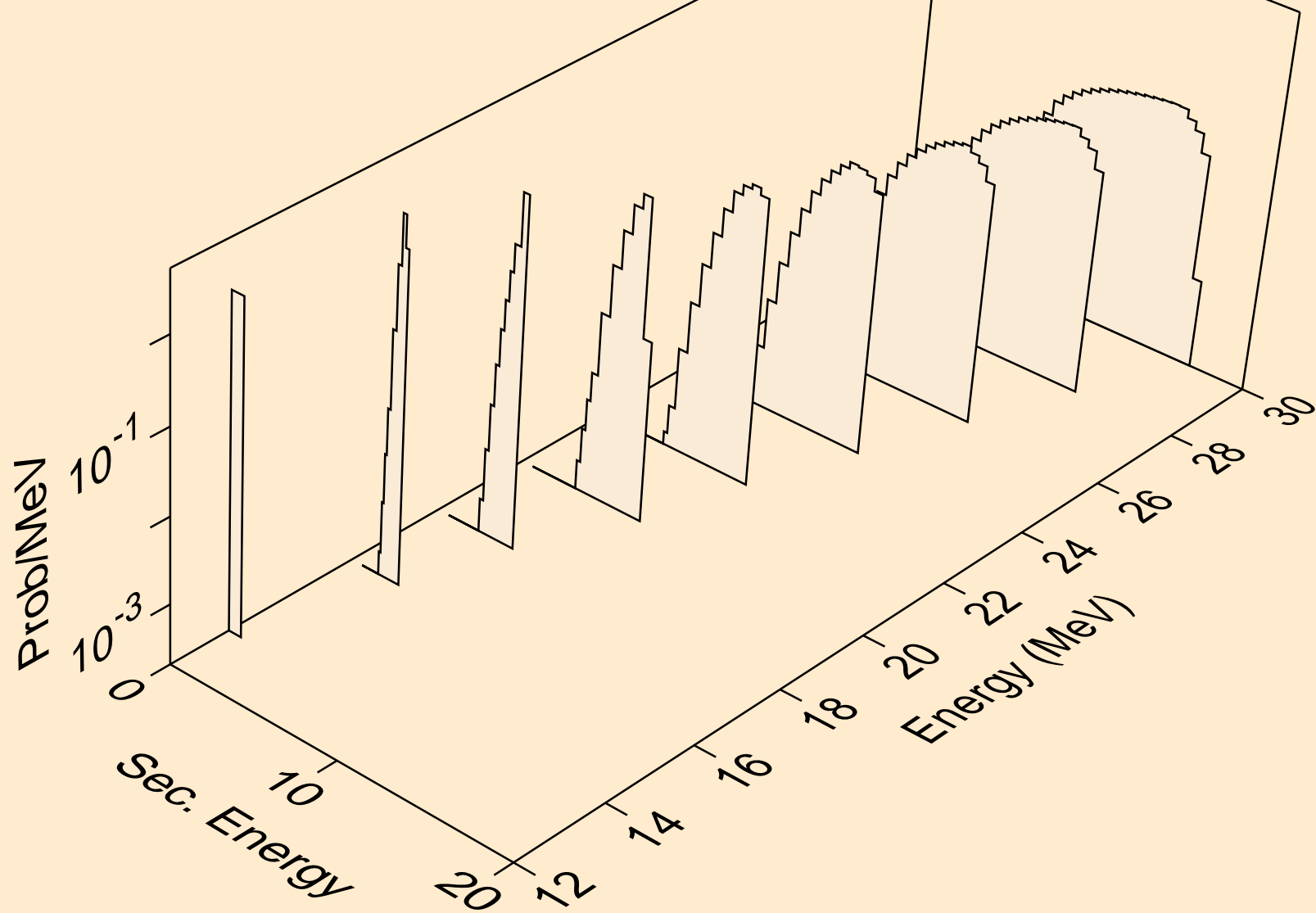
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deuterons from (n,x)



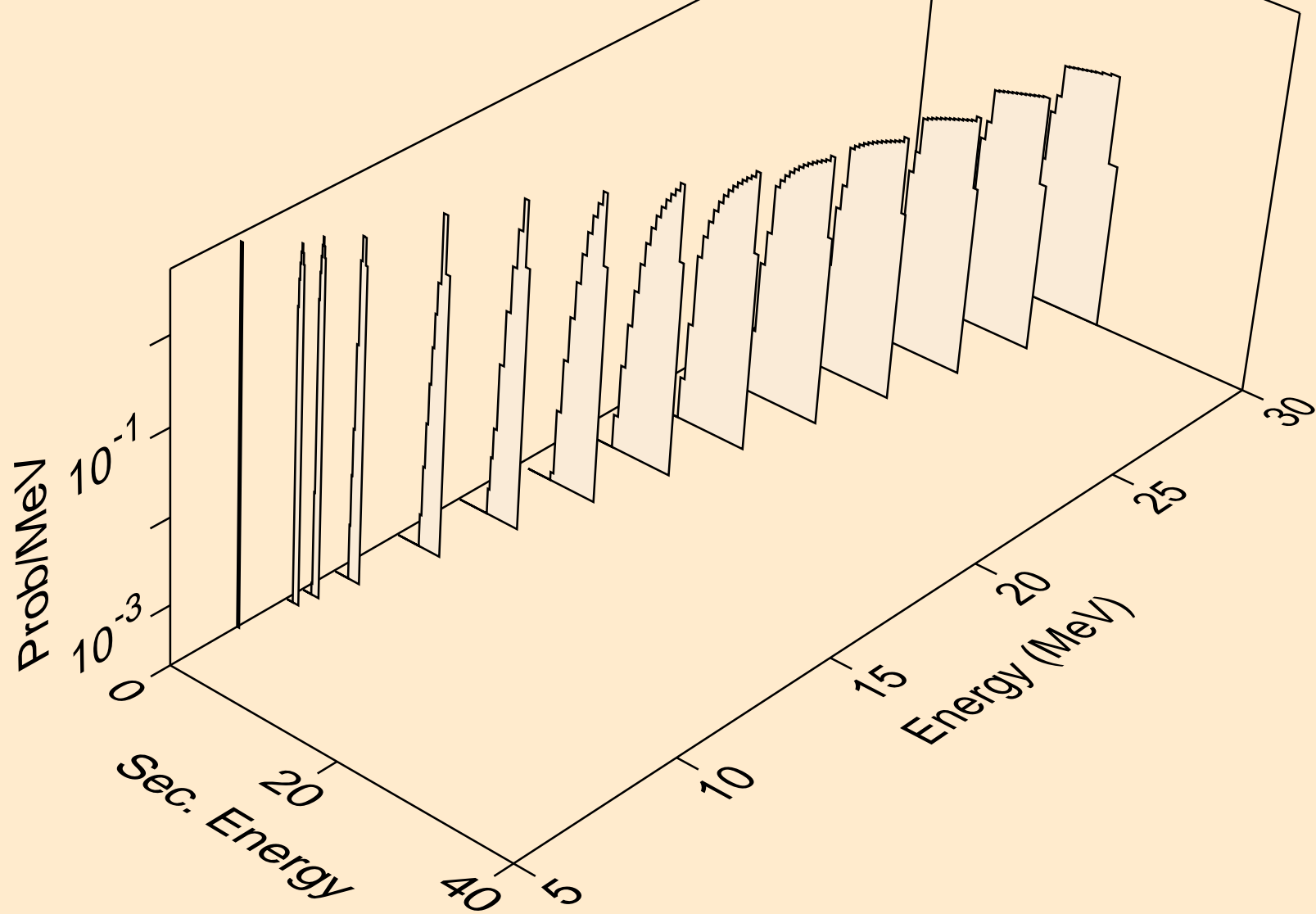
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deuterons from (n,2nd)



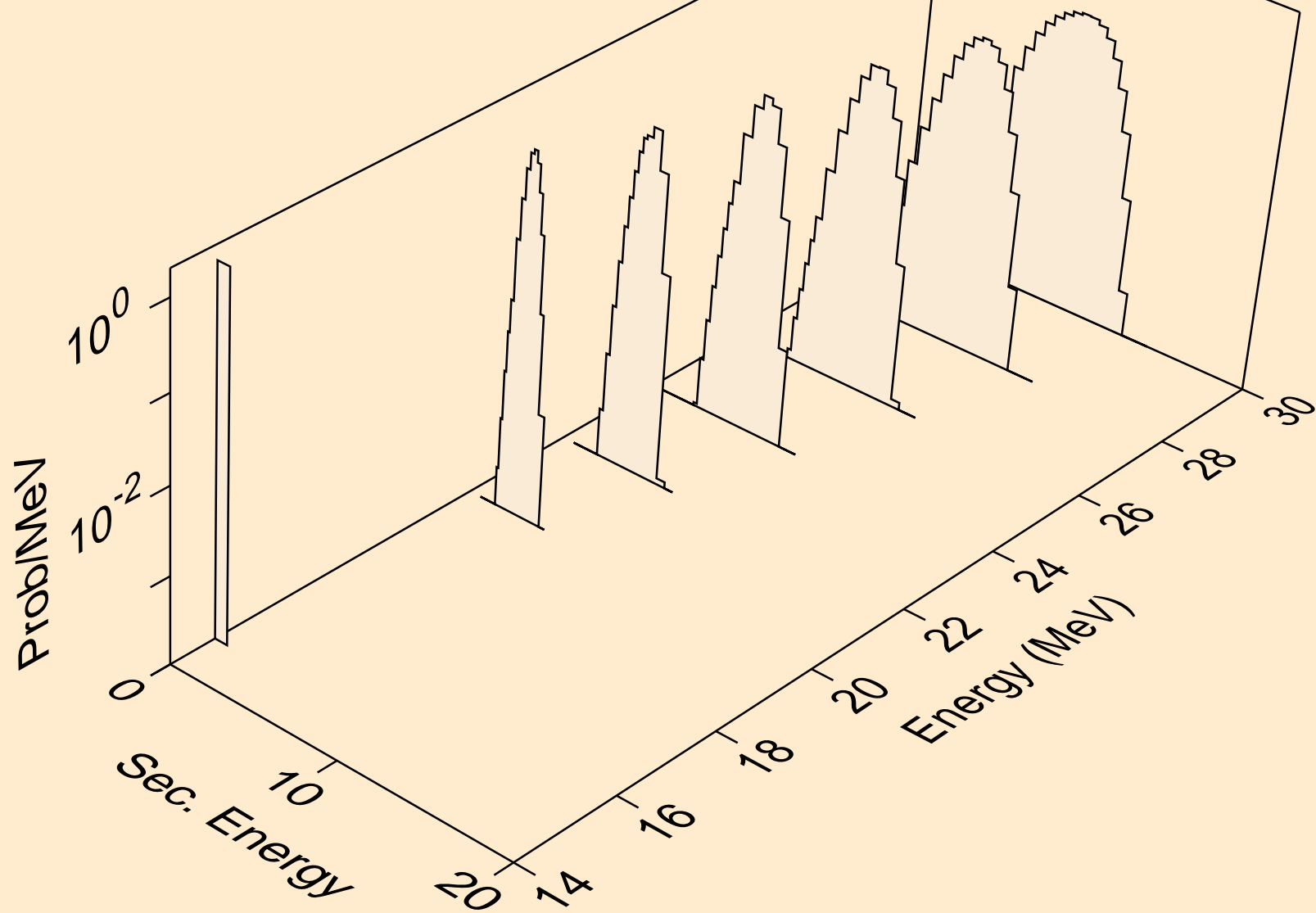
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deuterons from (n,n\*)d



TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,d)

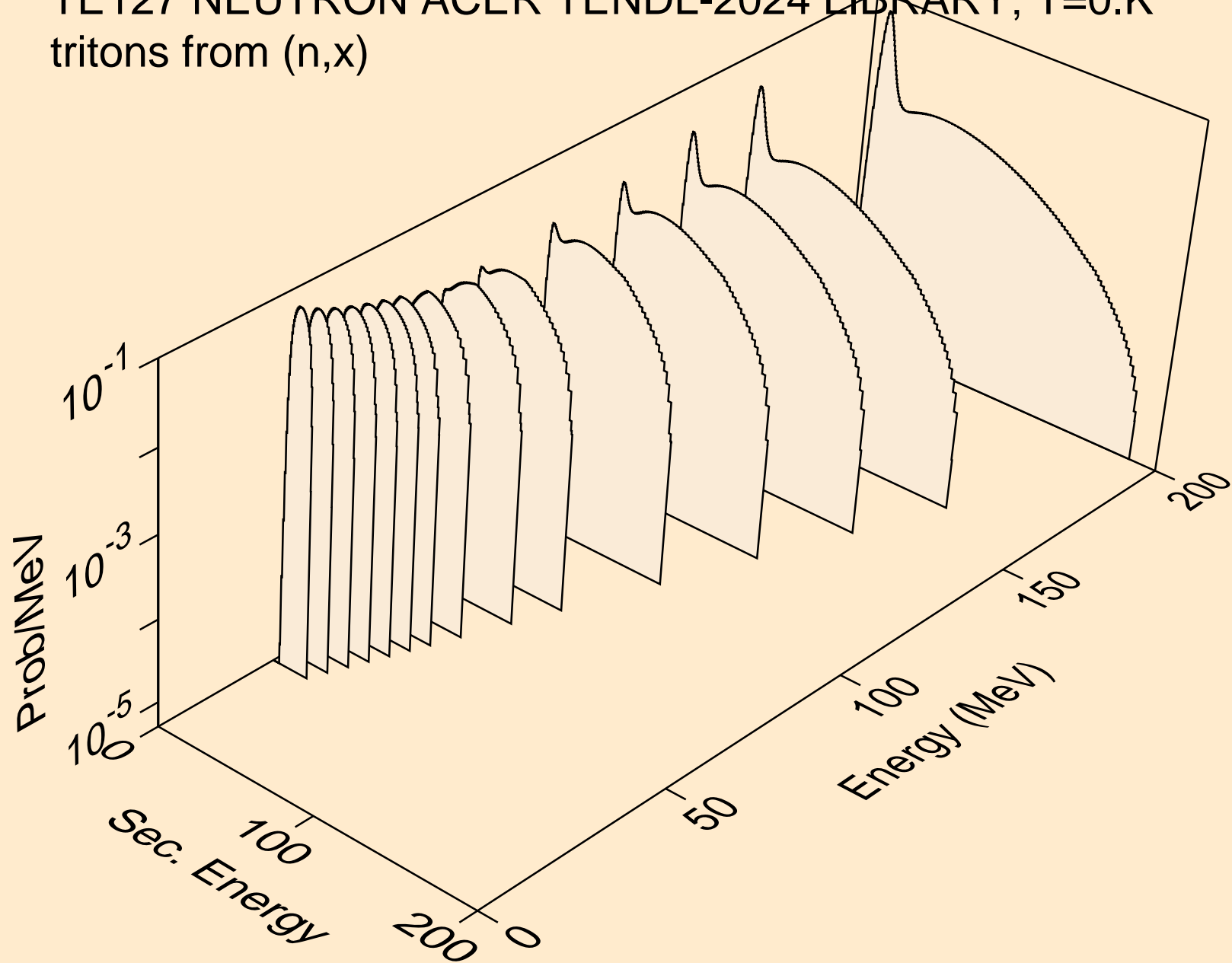


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deuterons from (n,pd)

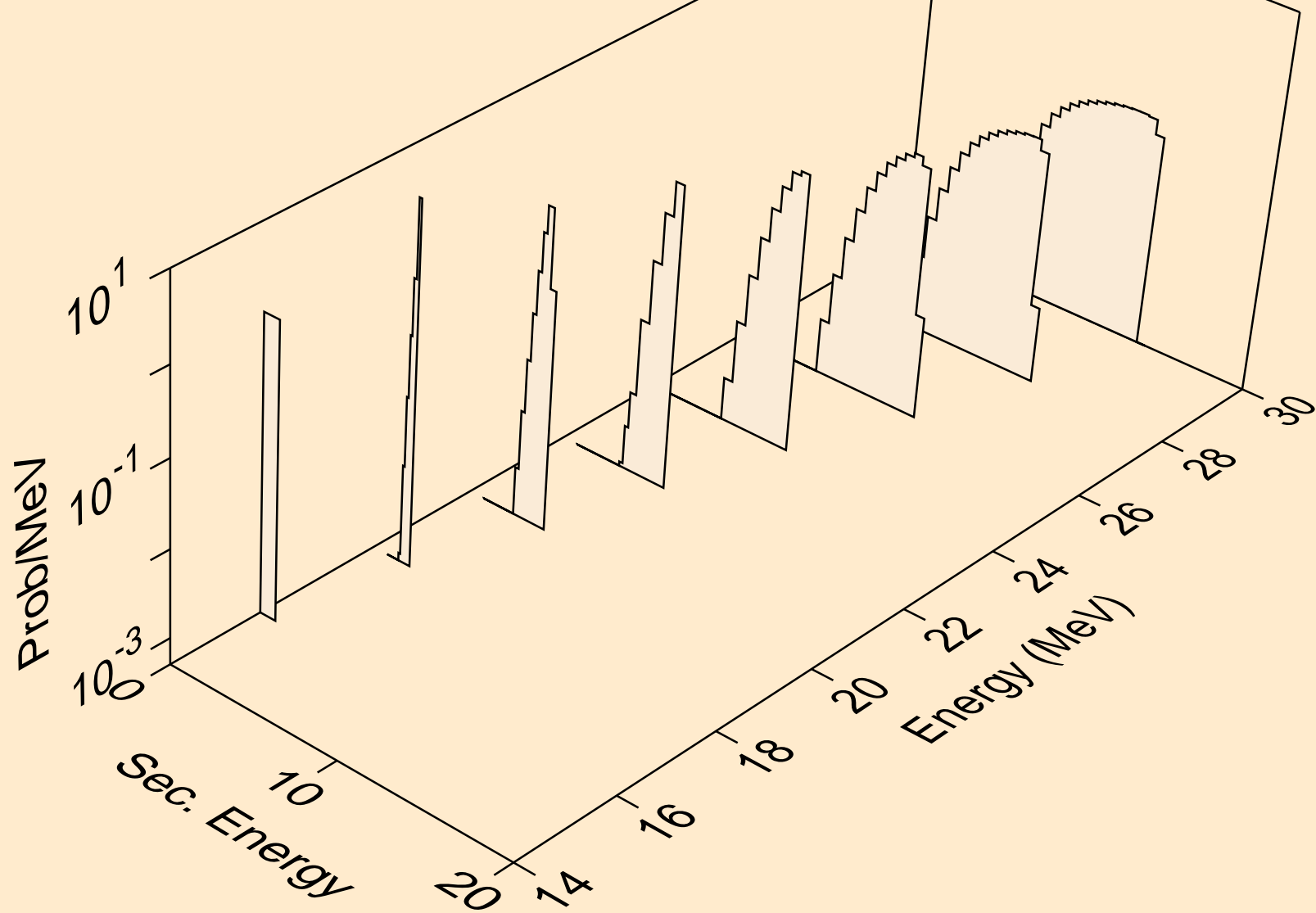




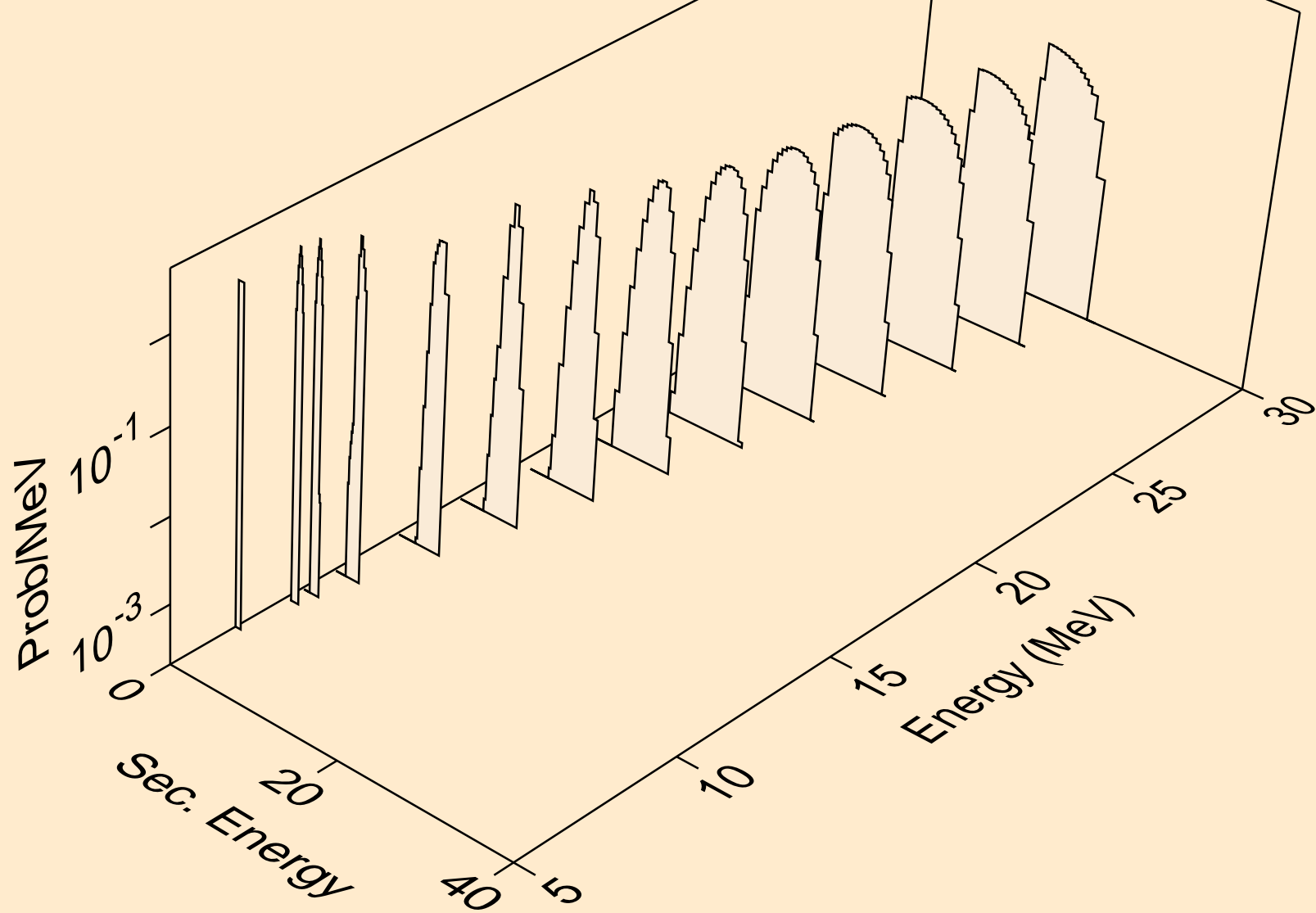
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tritons from (n,x)



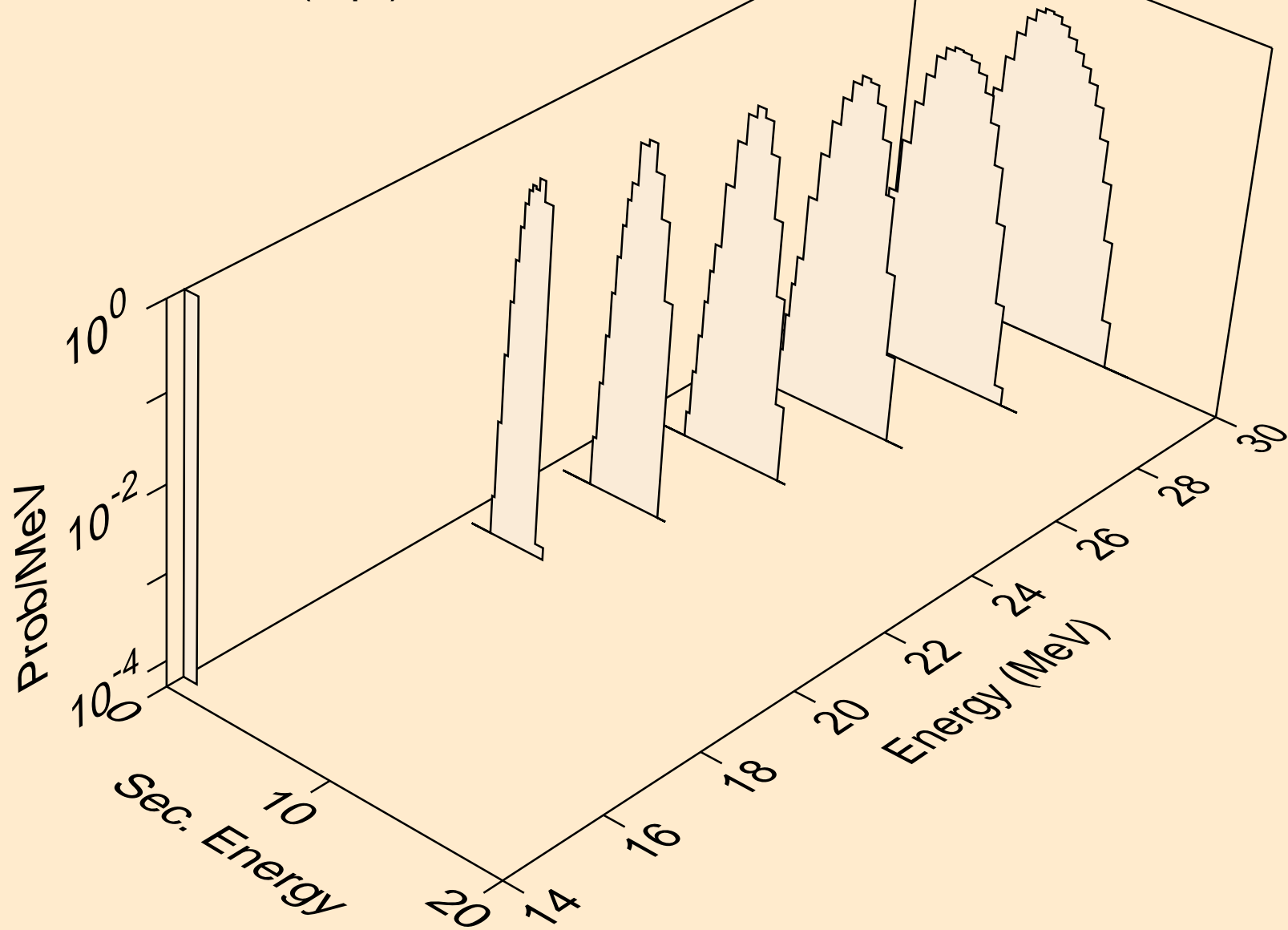
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tritons from (n,n\*)t



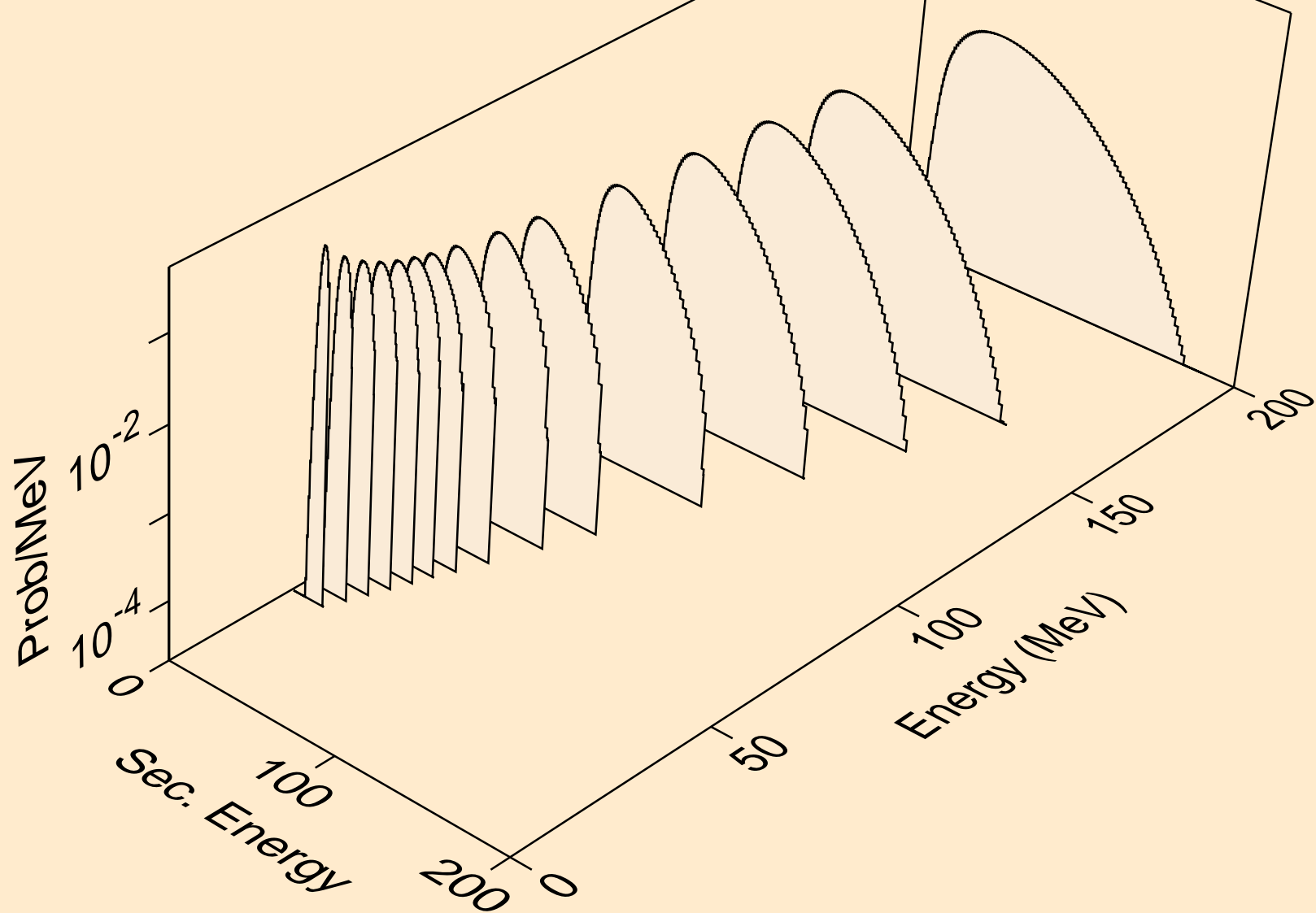
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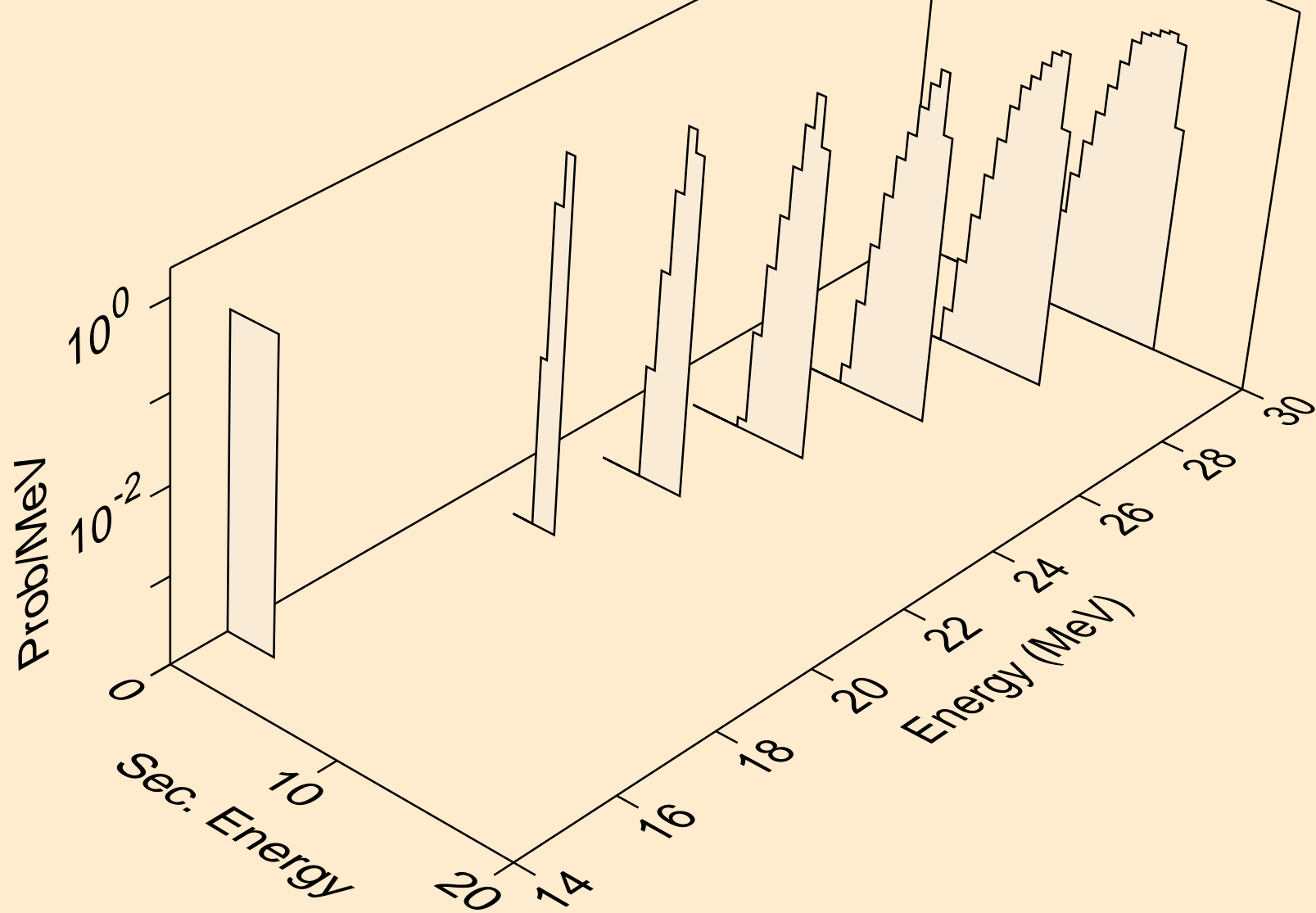
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tritons from (n,pt)



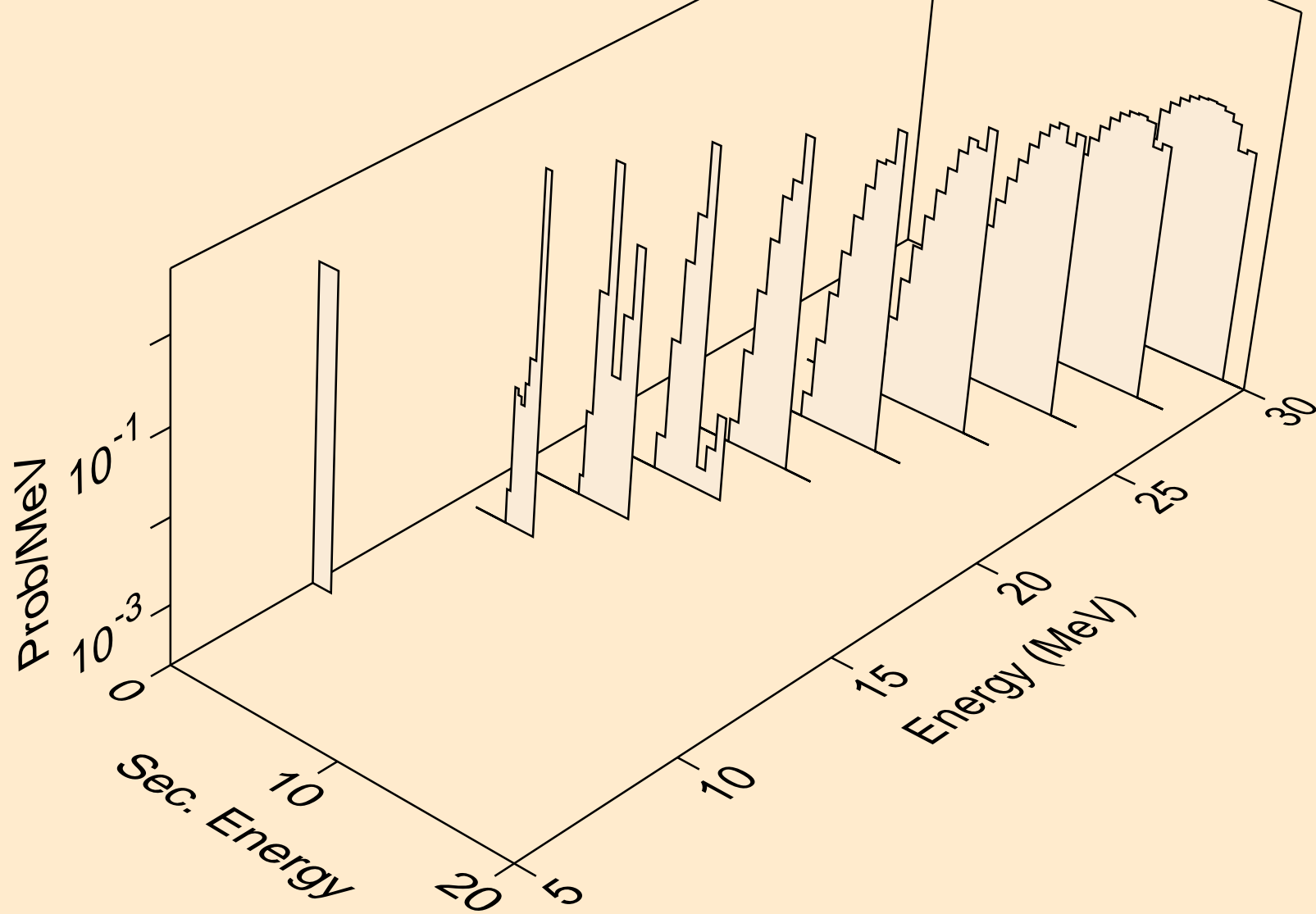
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he3s from (n,x)



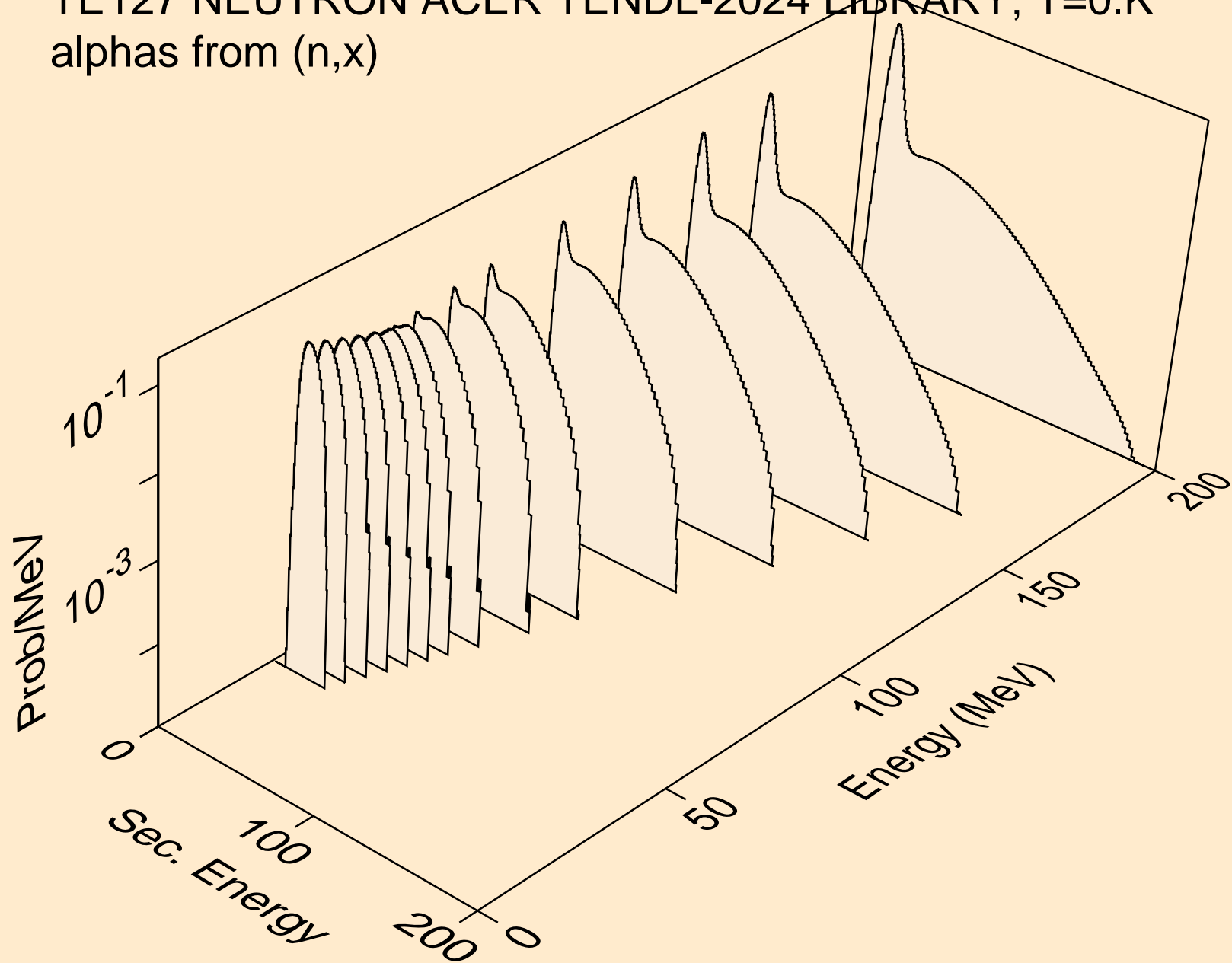
TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)

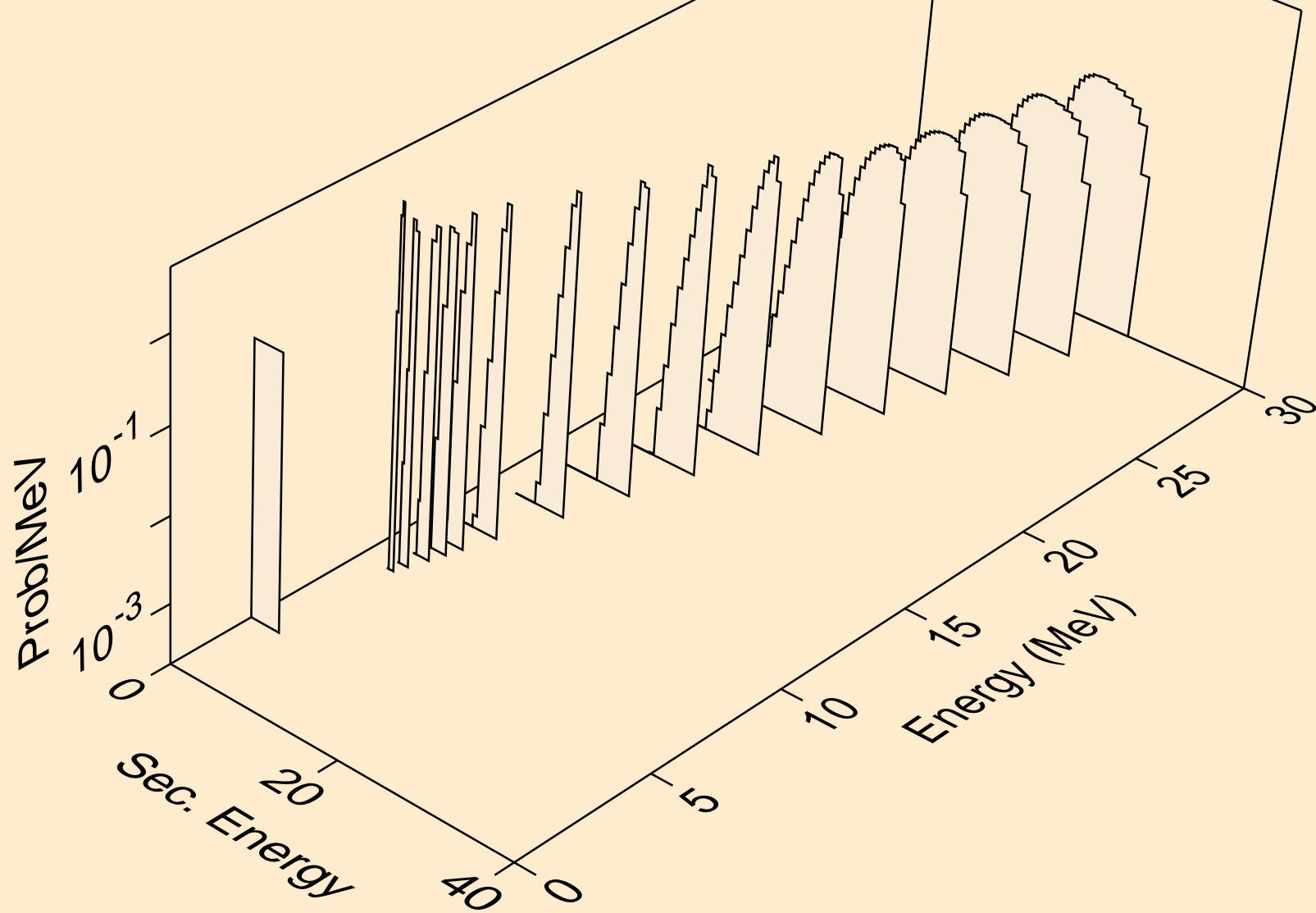


TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)

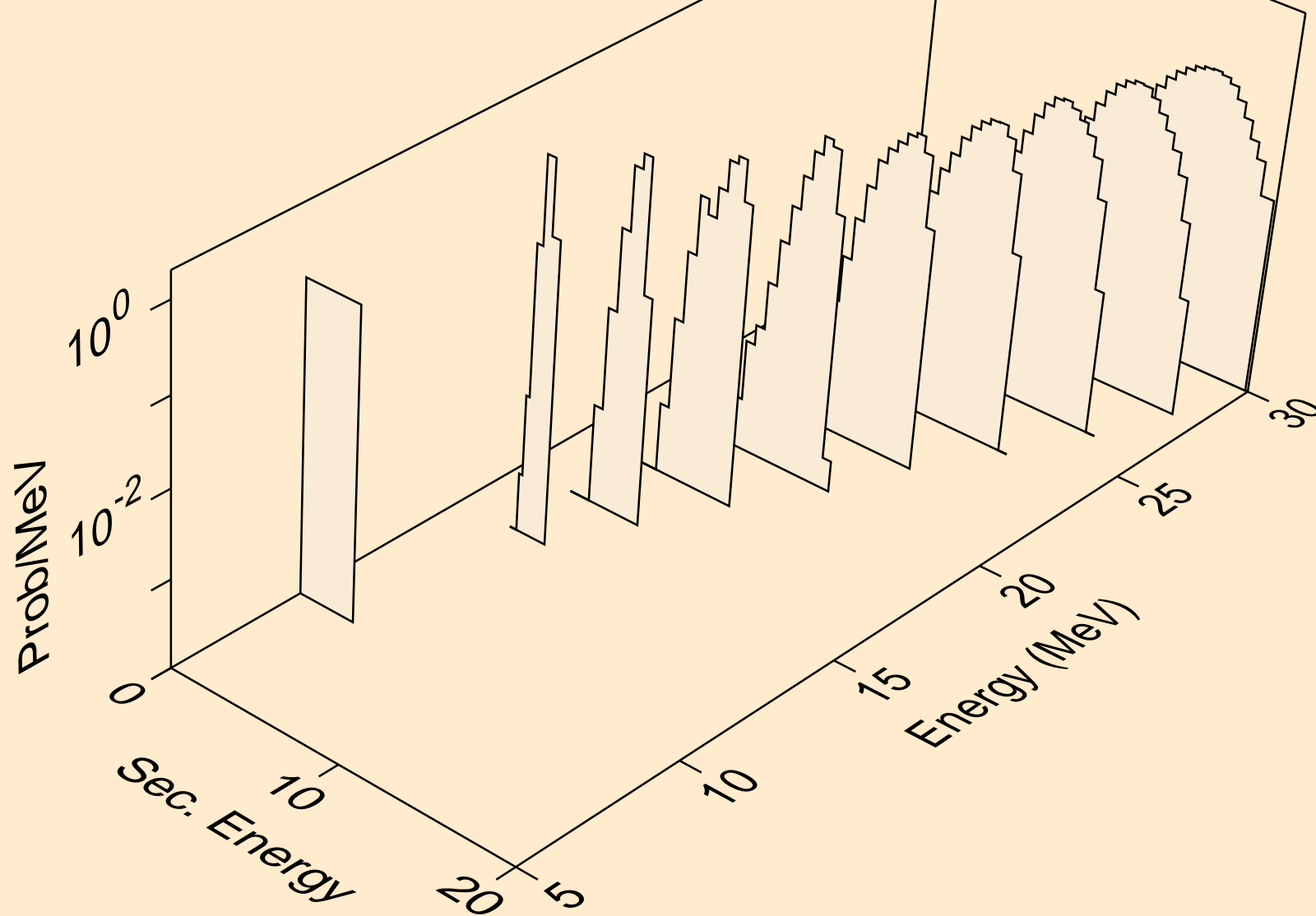




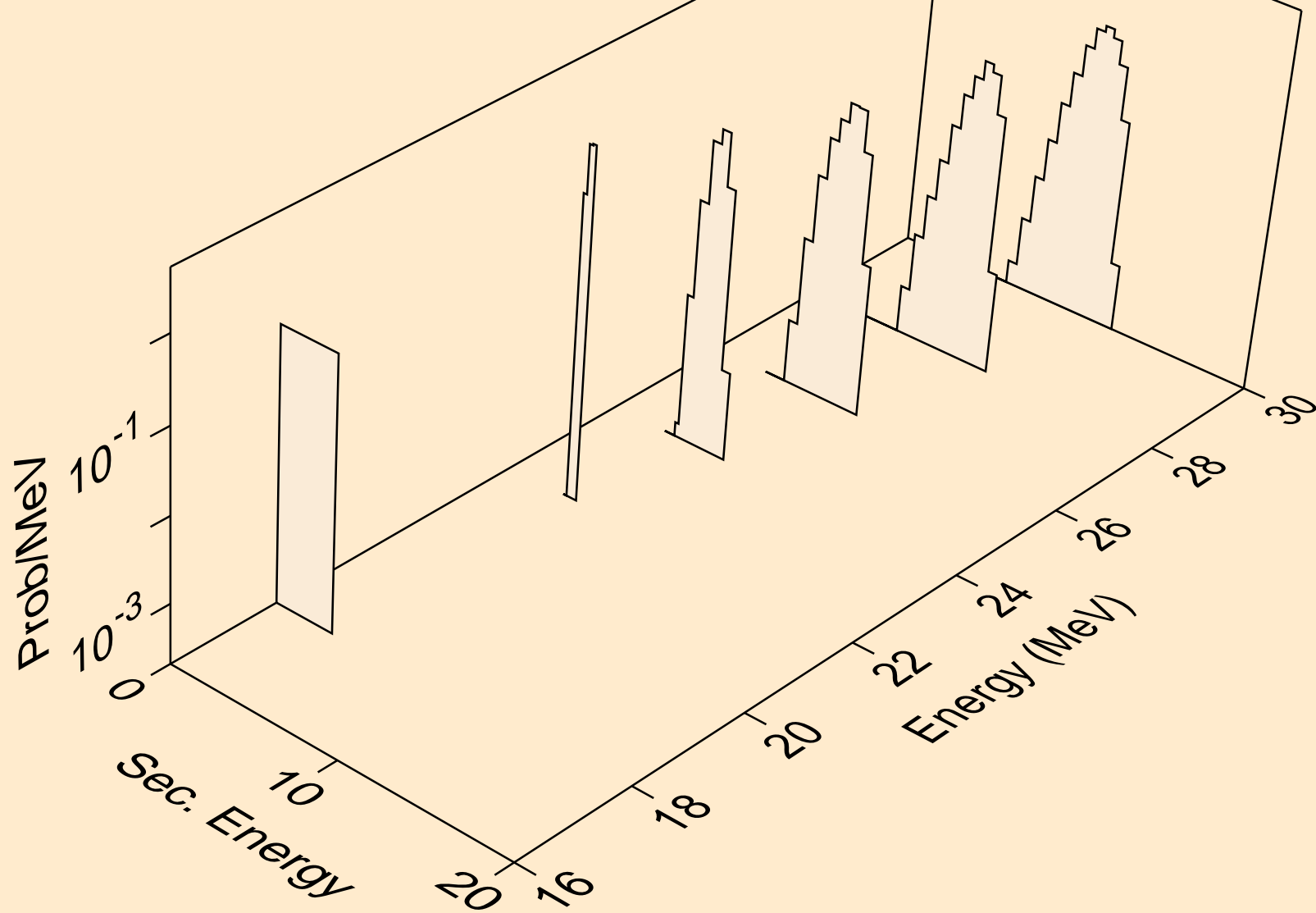
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alphas from (n,n\*)a



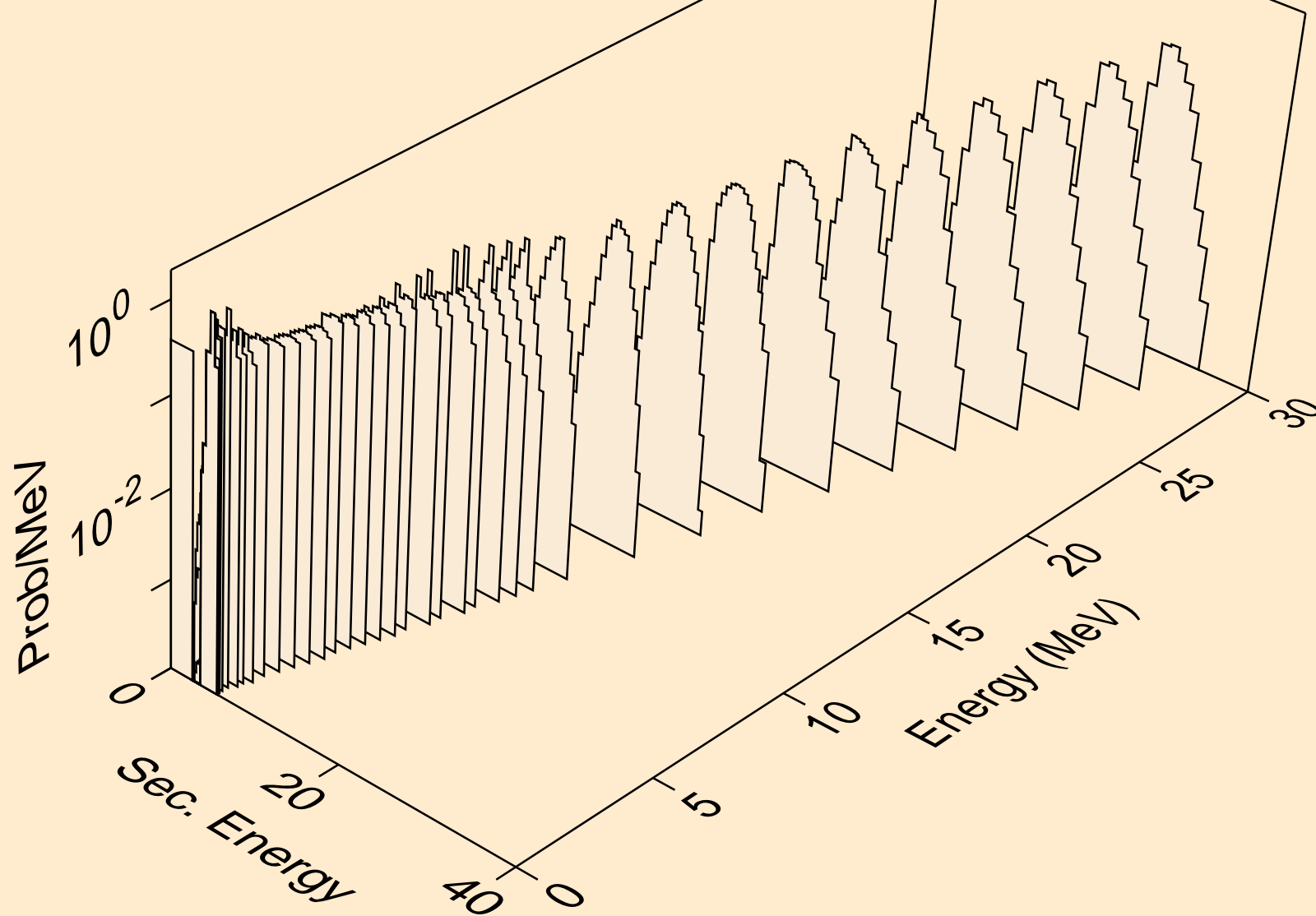
TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



TE127 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)

