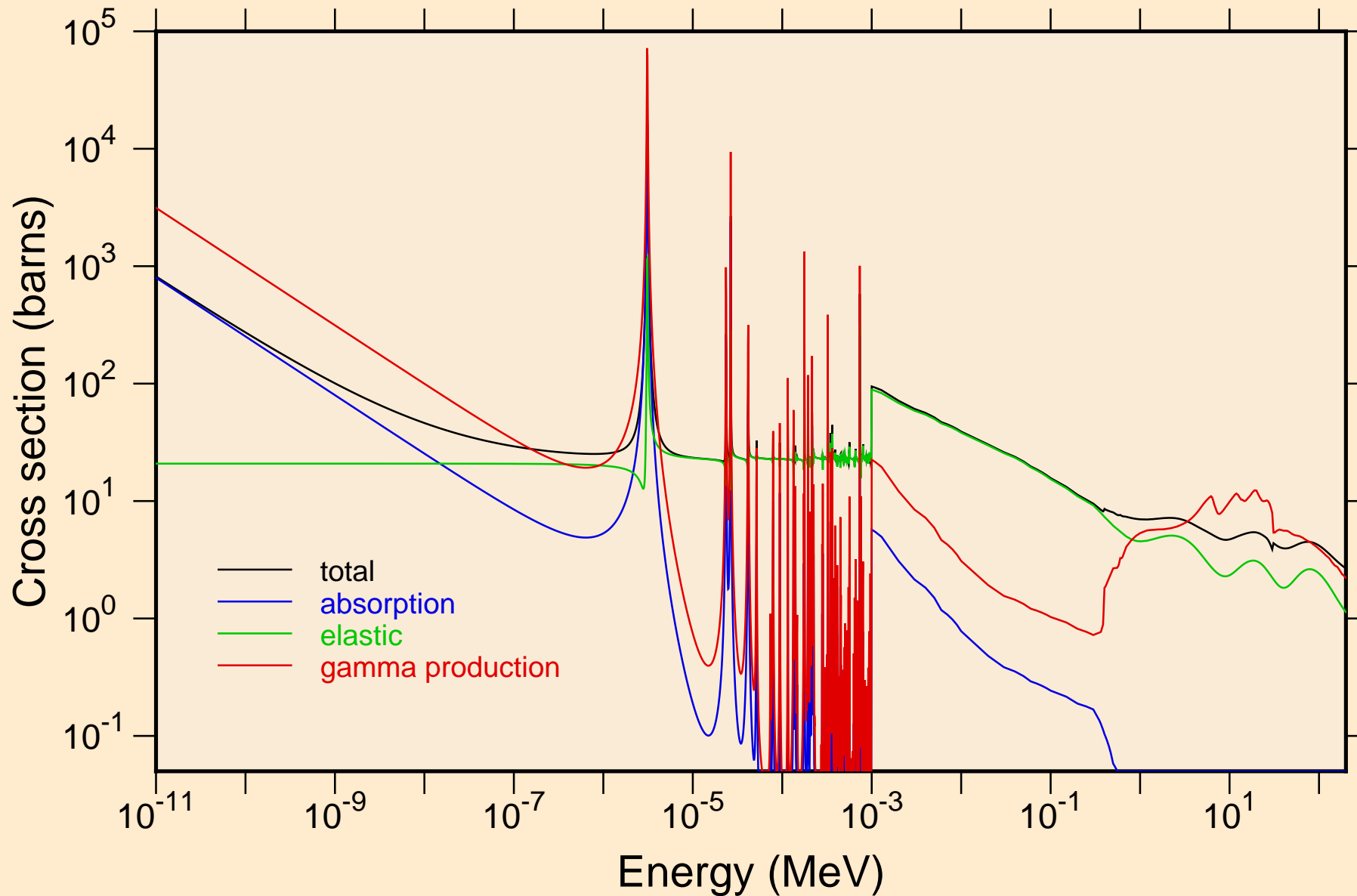
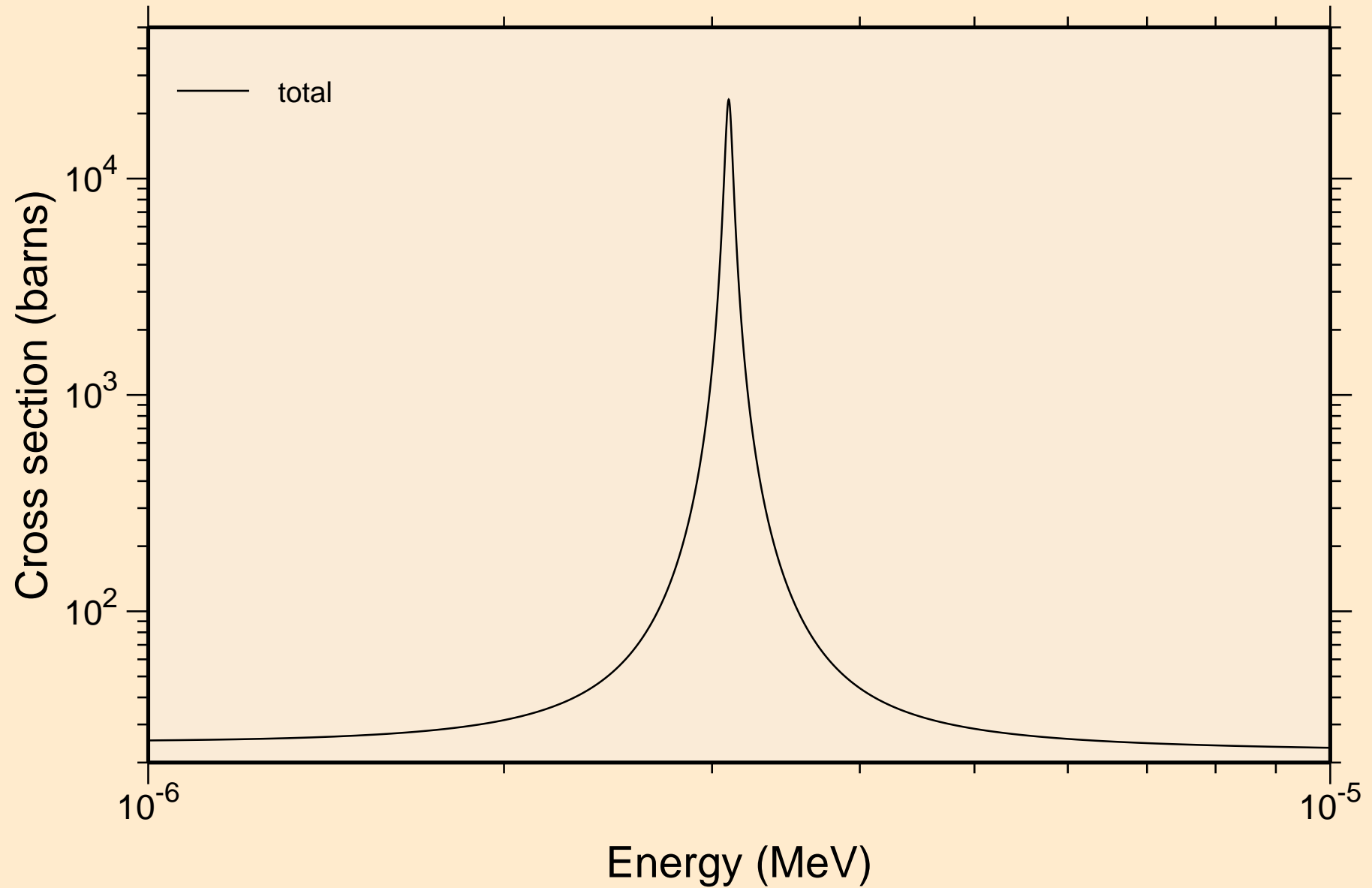


# TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

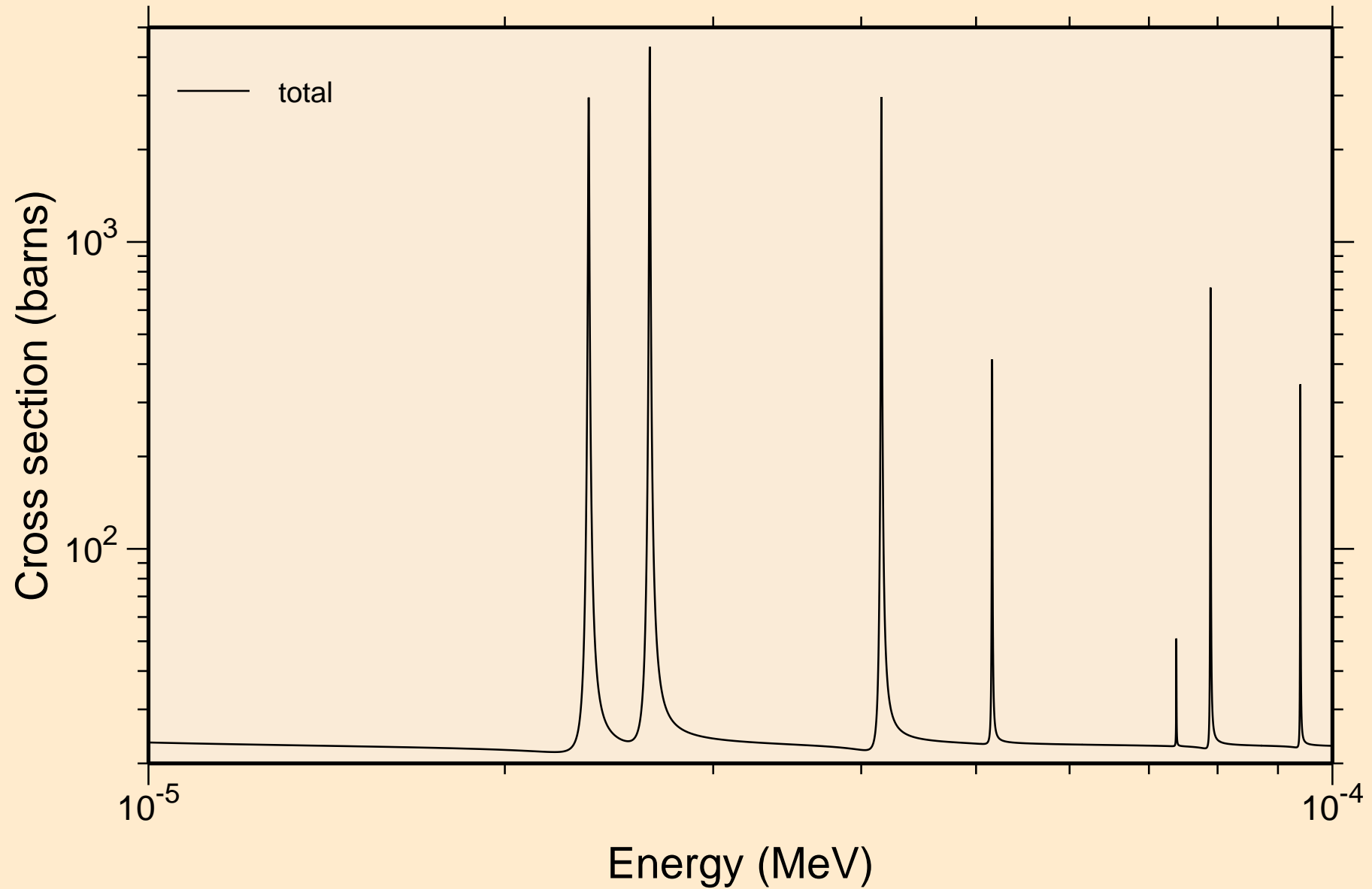
## Principal cross sections



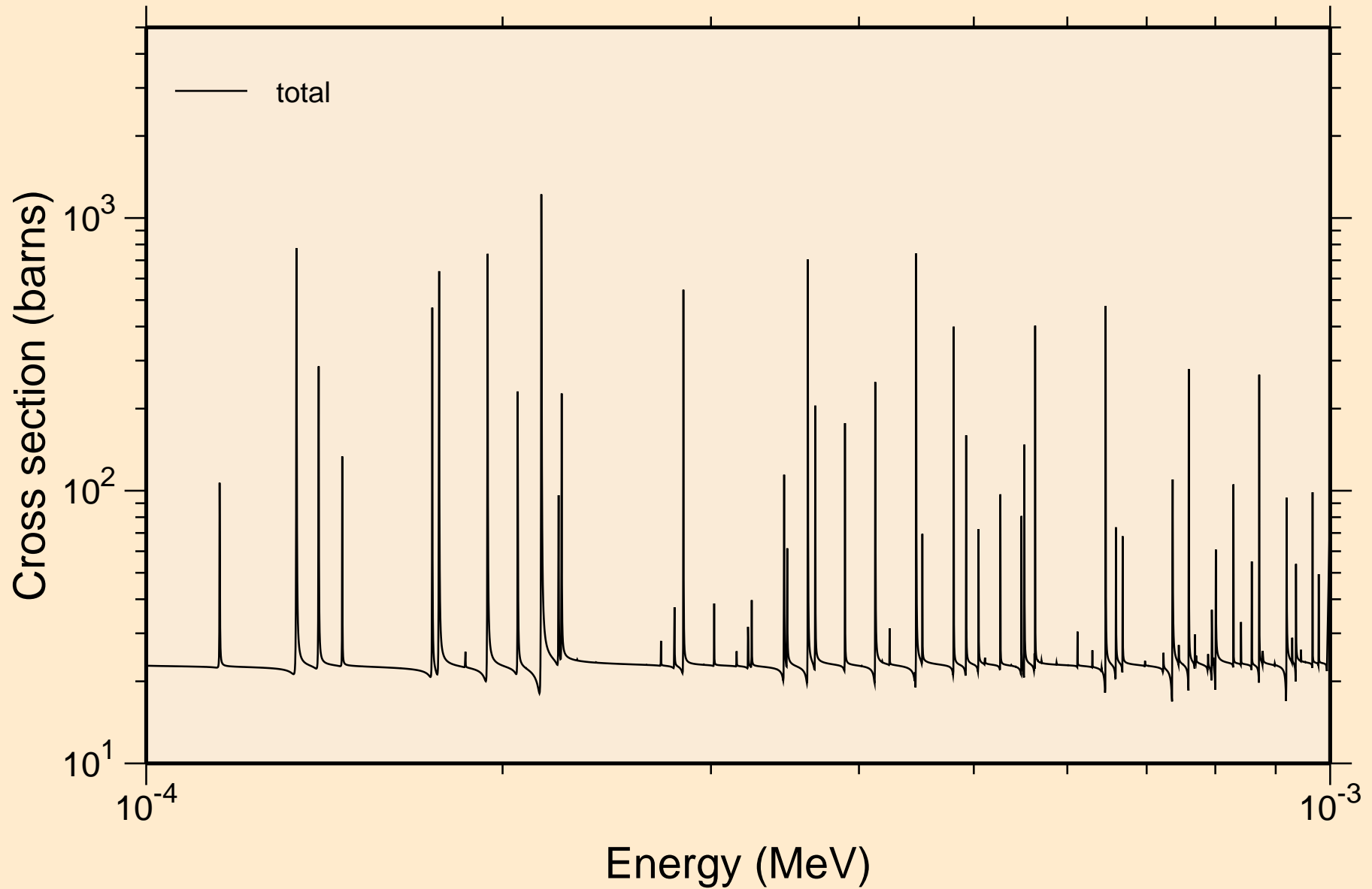
TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



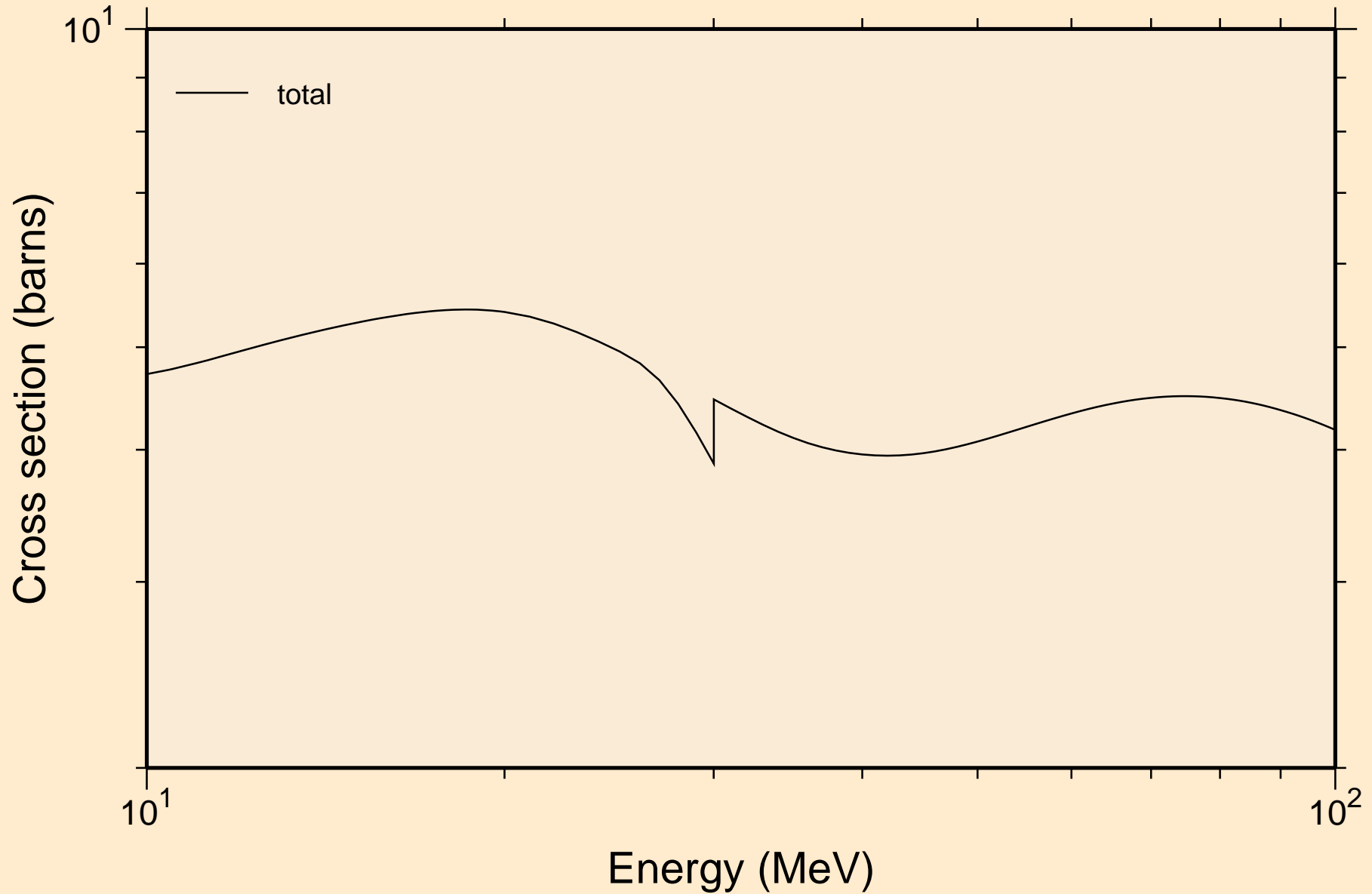
TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



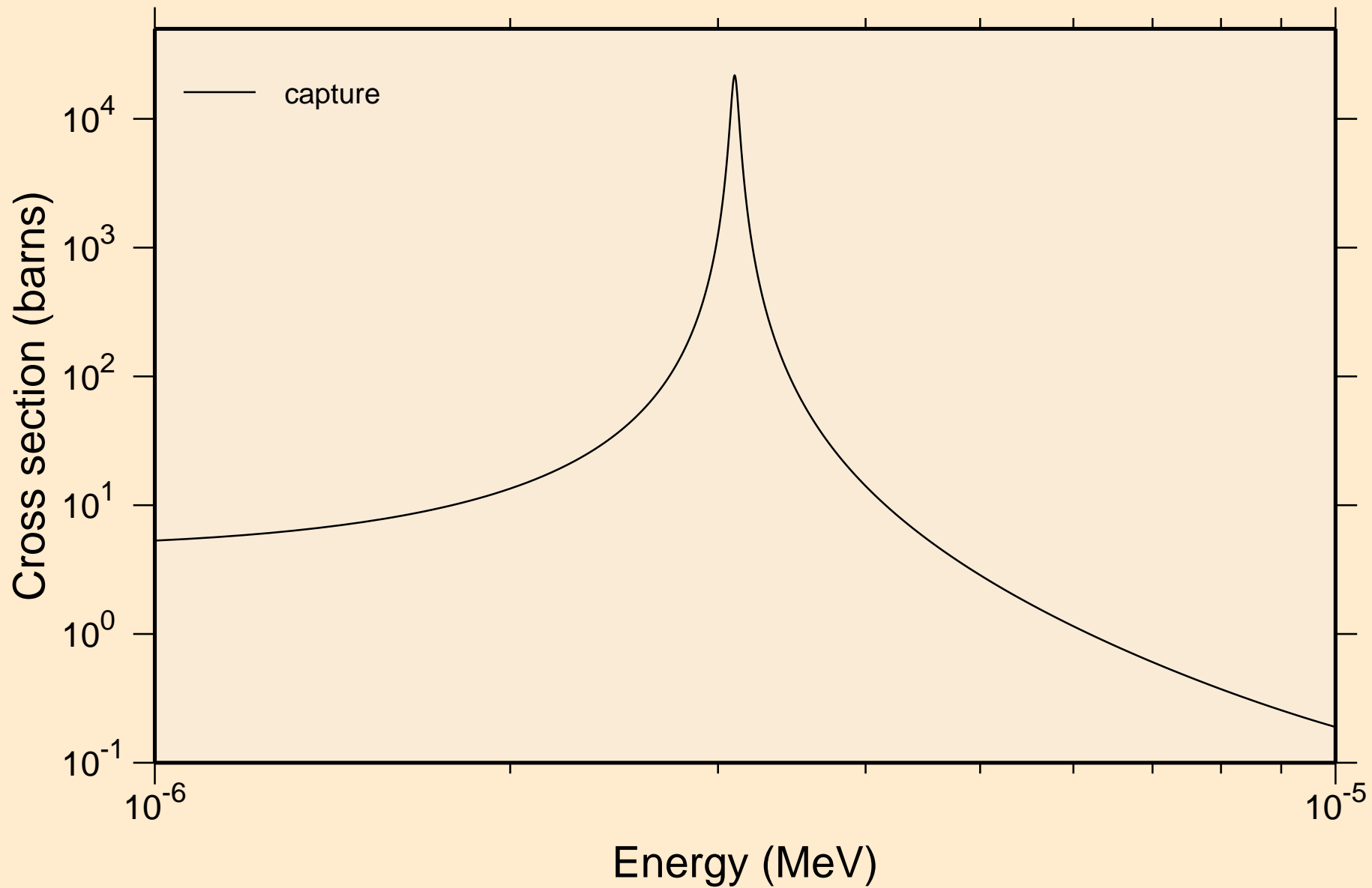
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resonance total cross section



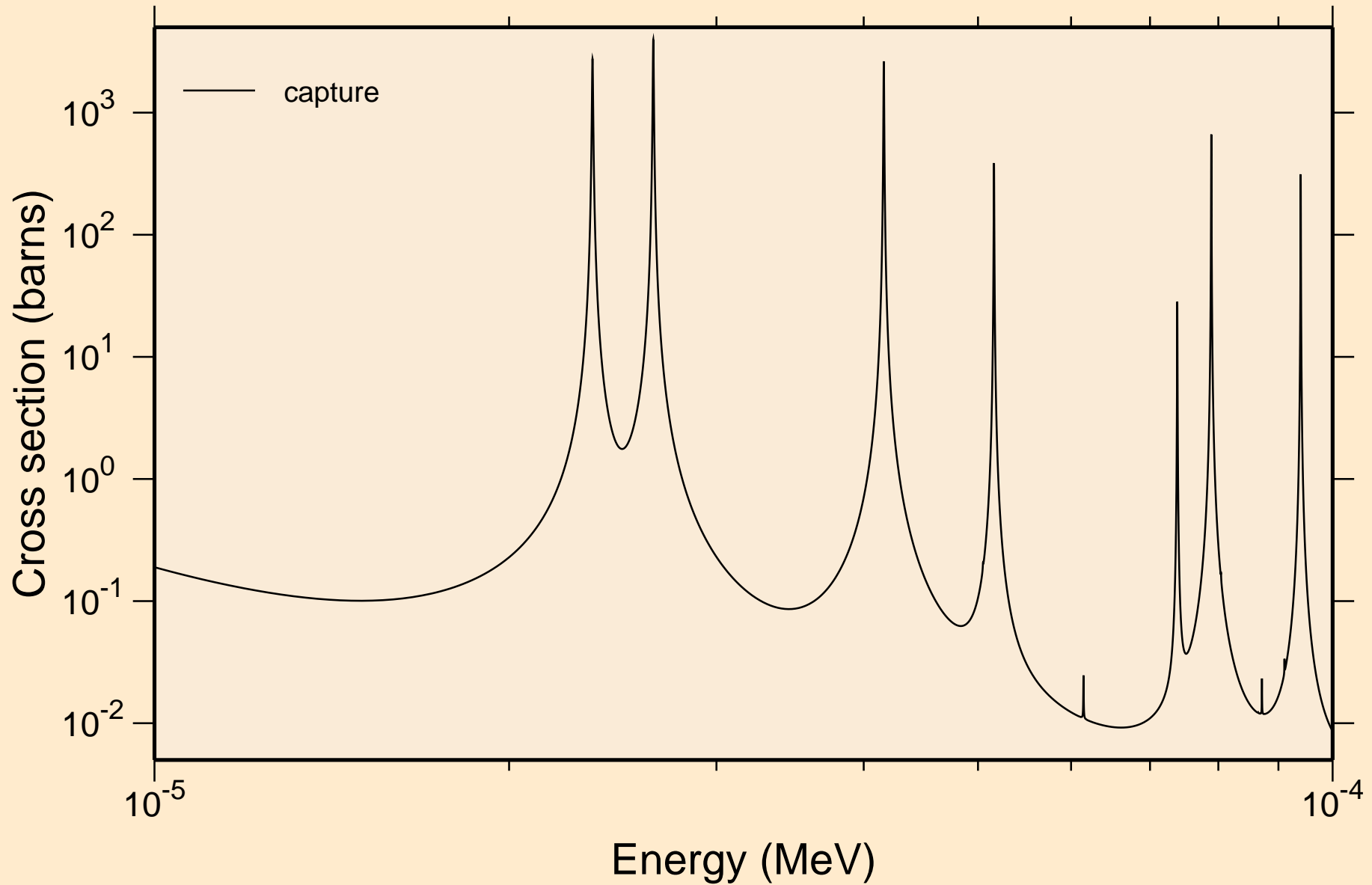
TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



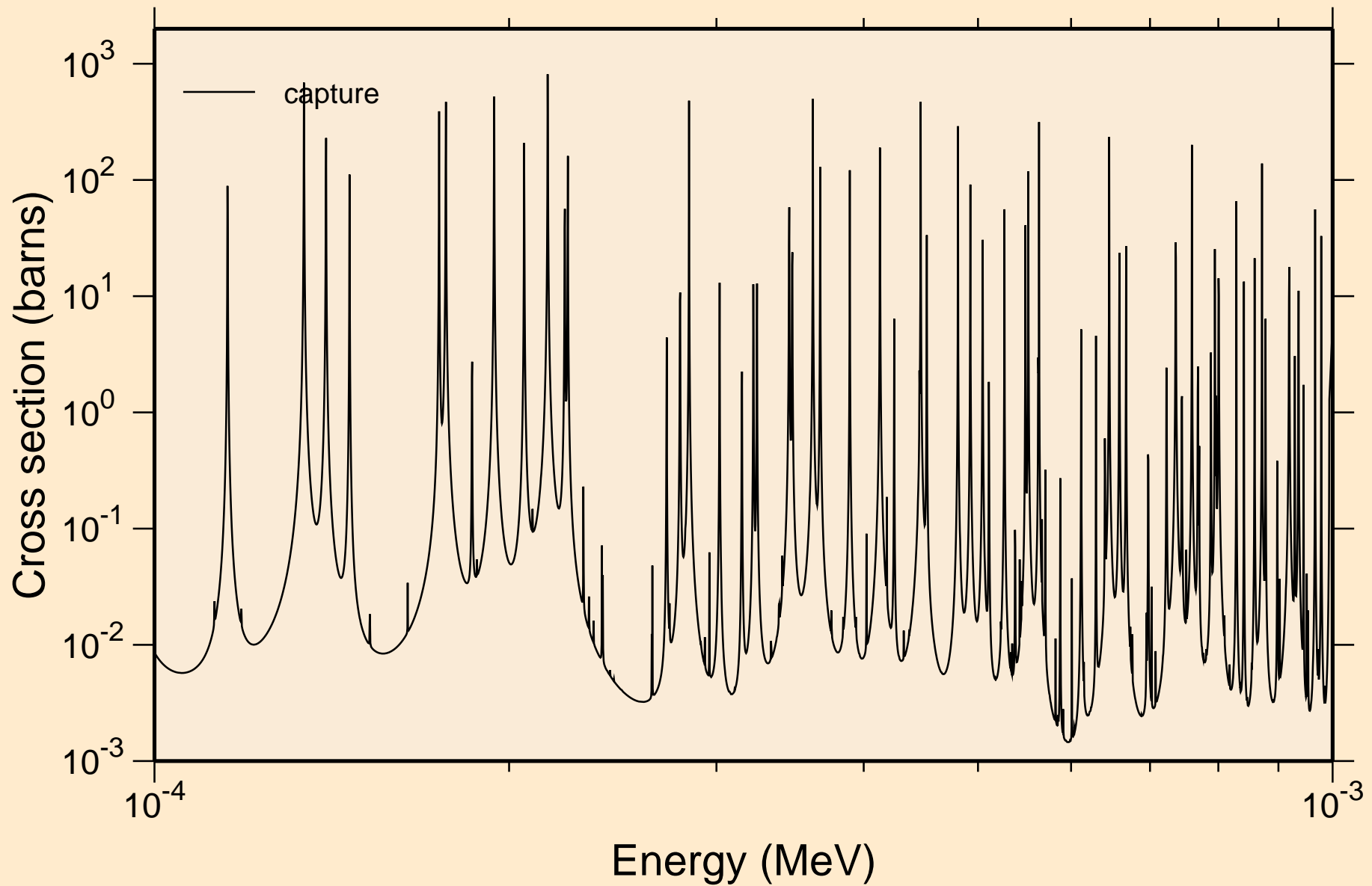
TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

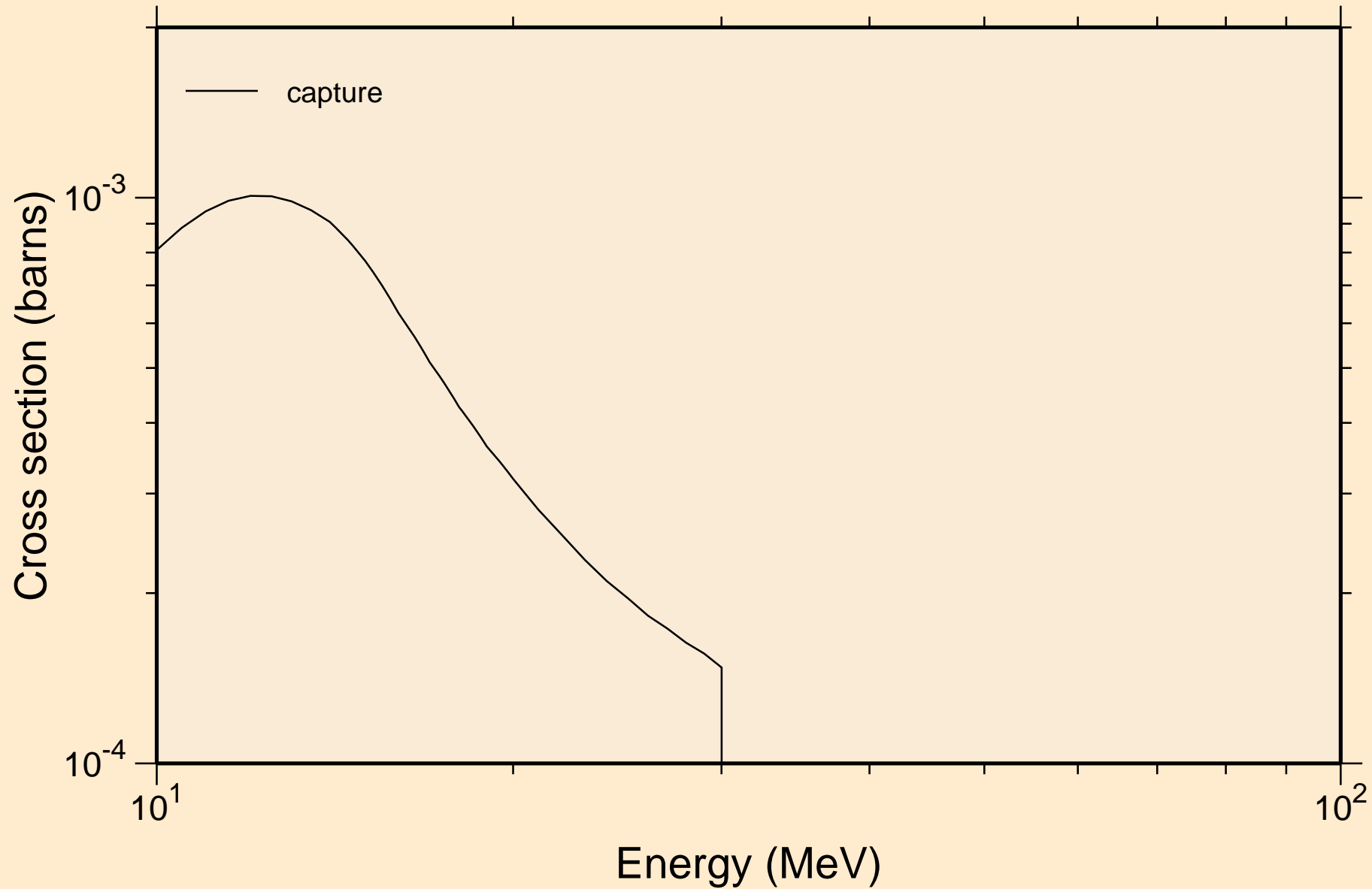


TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

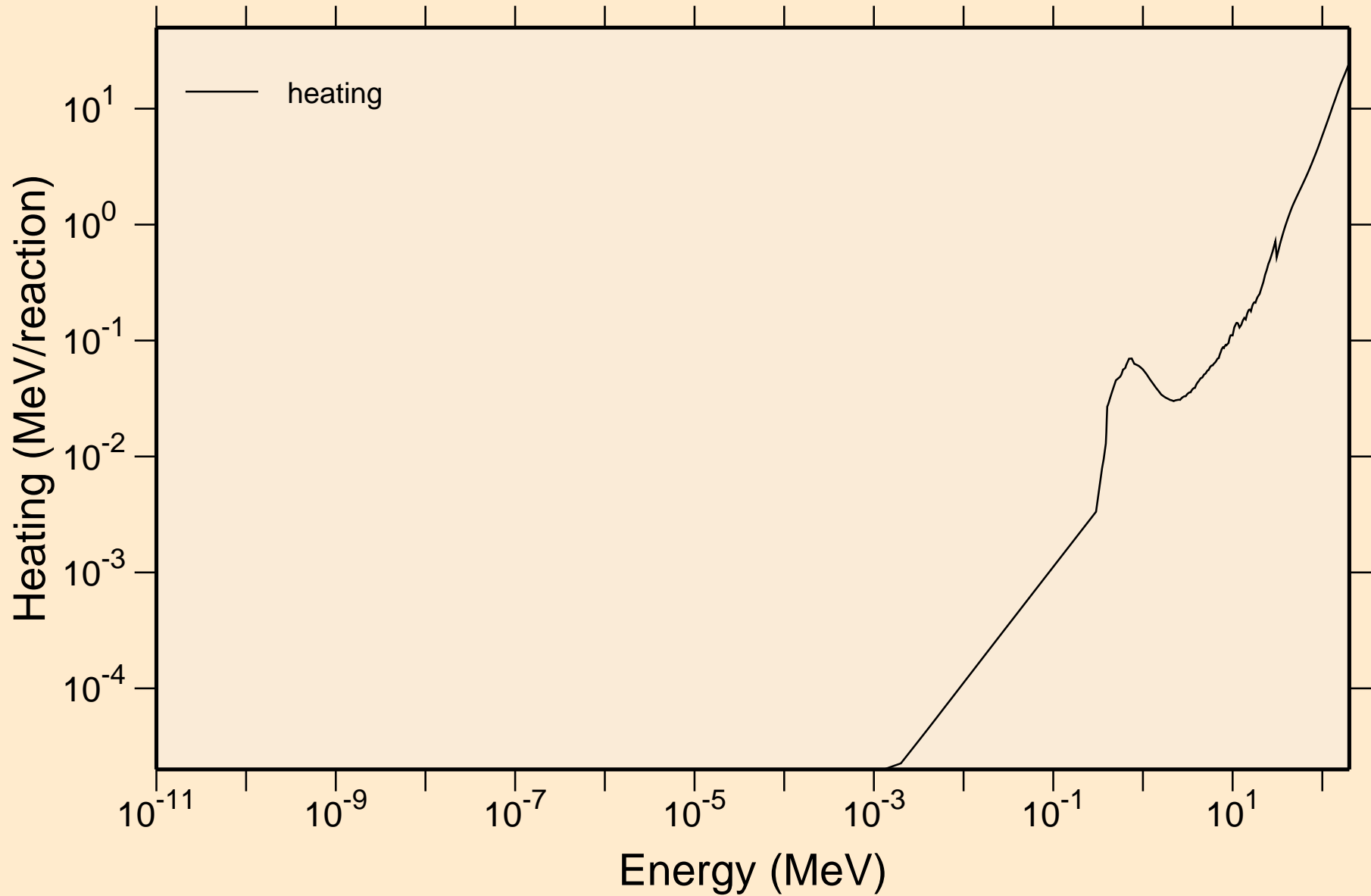




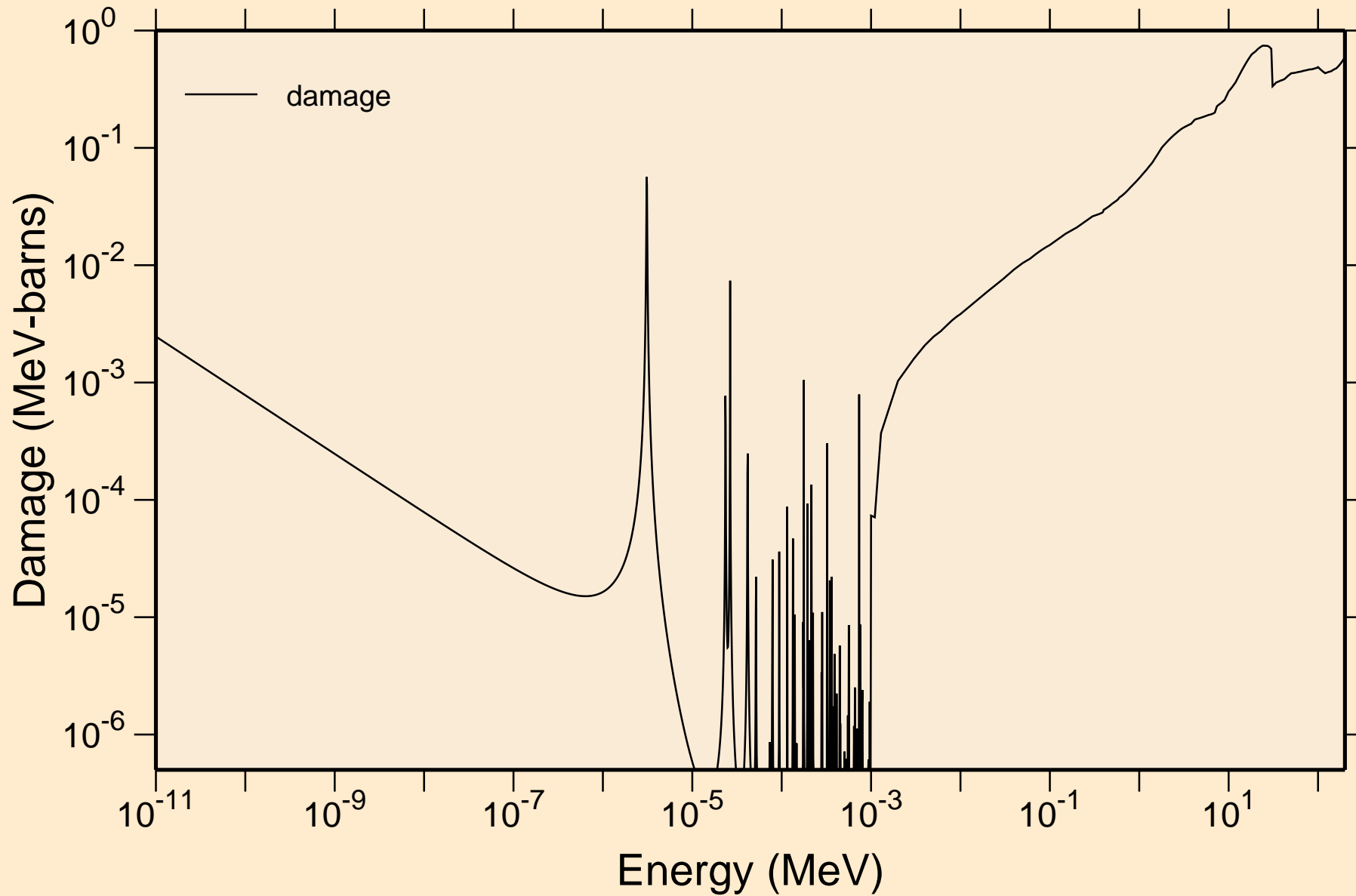
TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



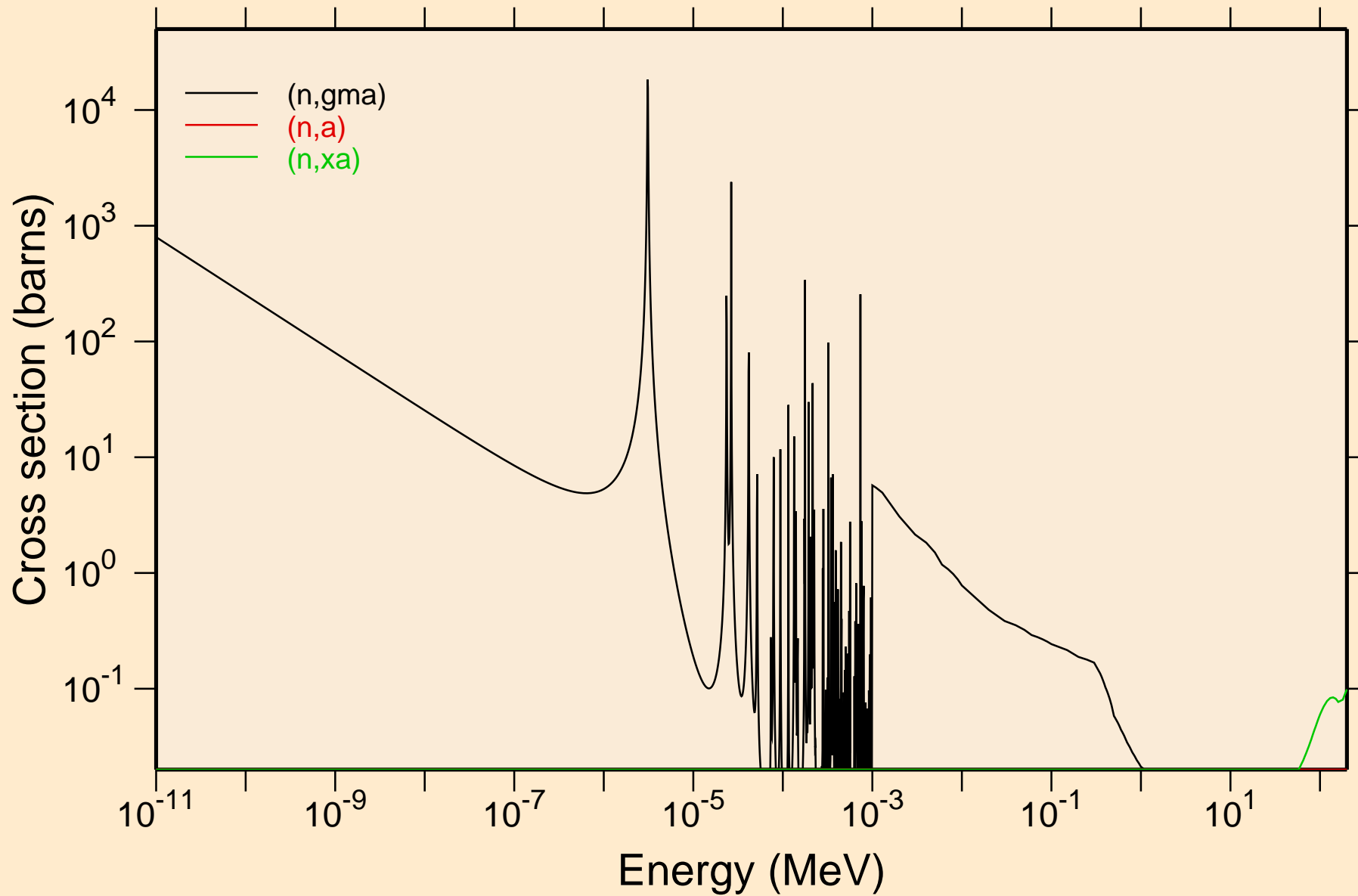
TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Heating



TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage

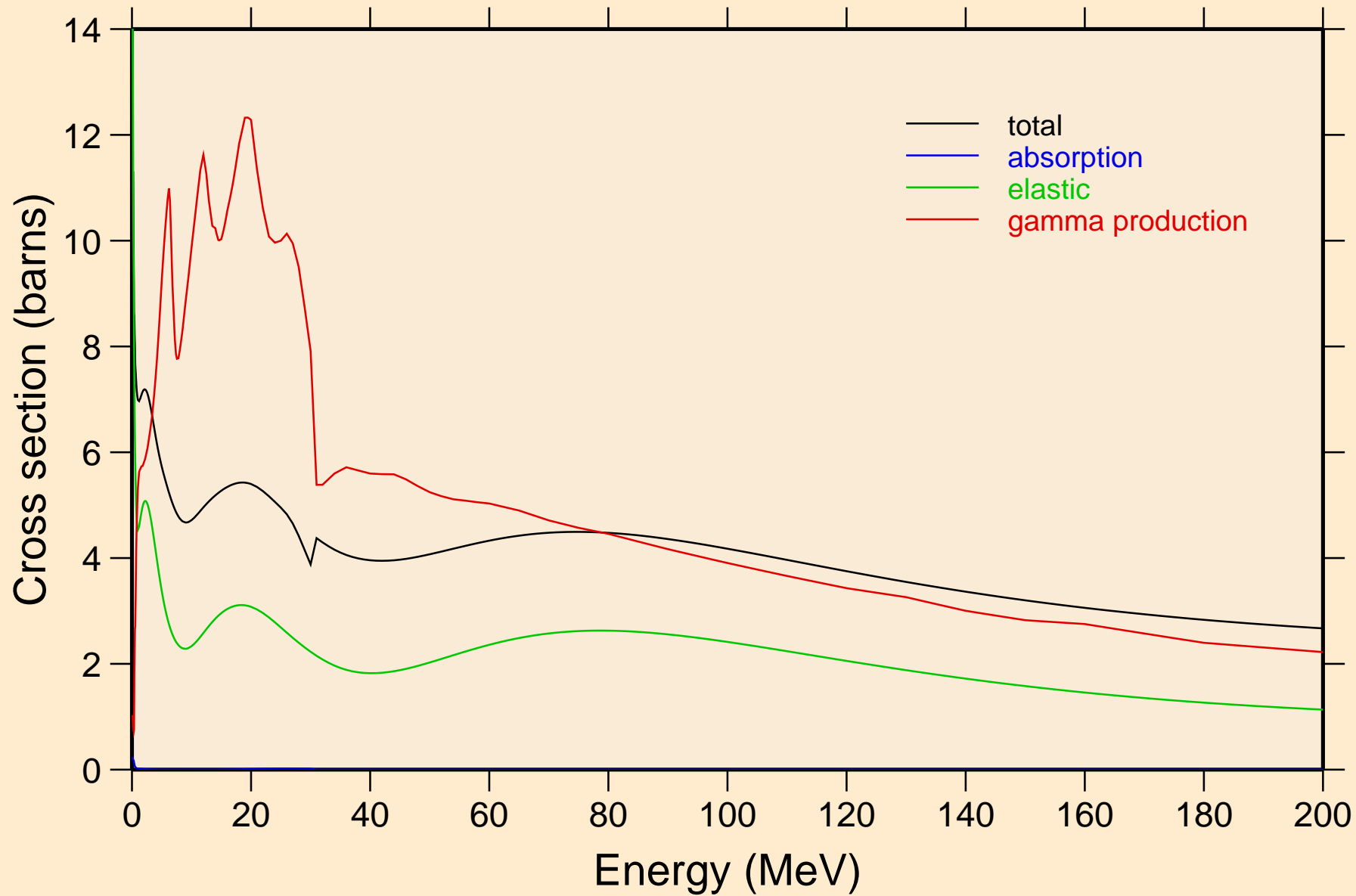


TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



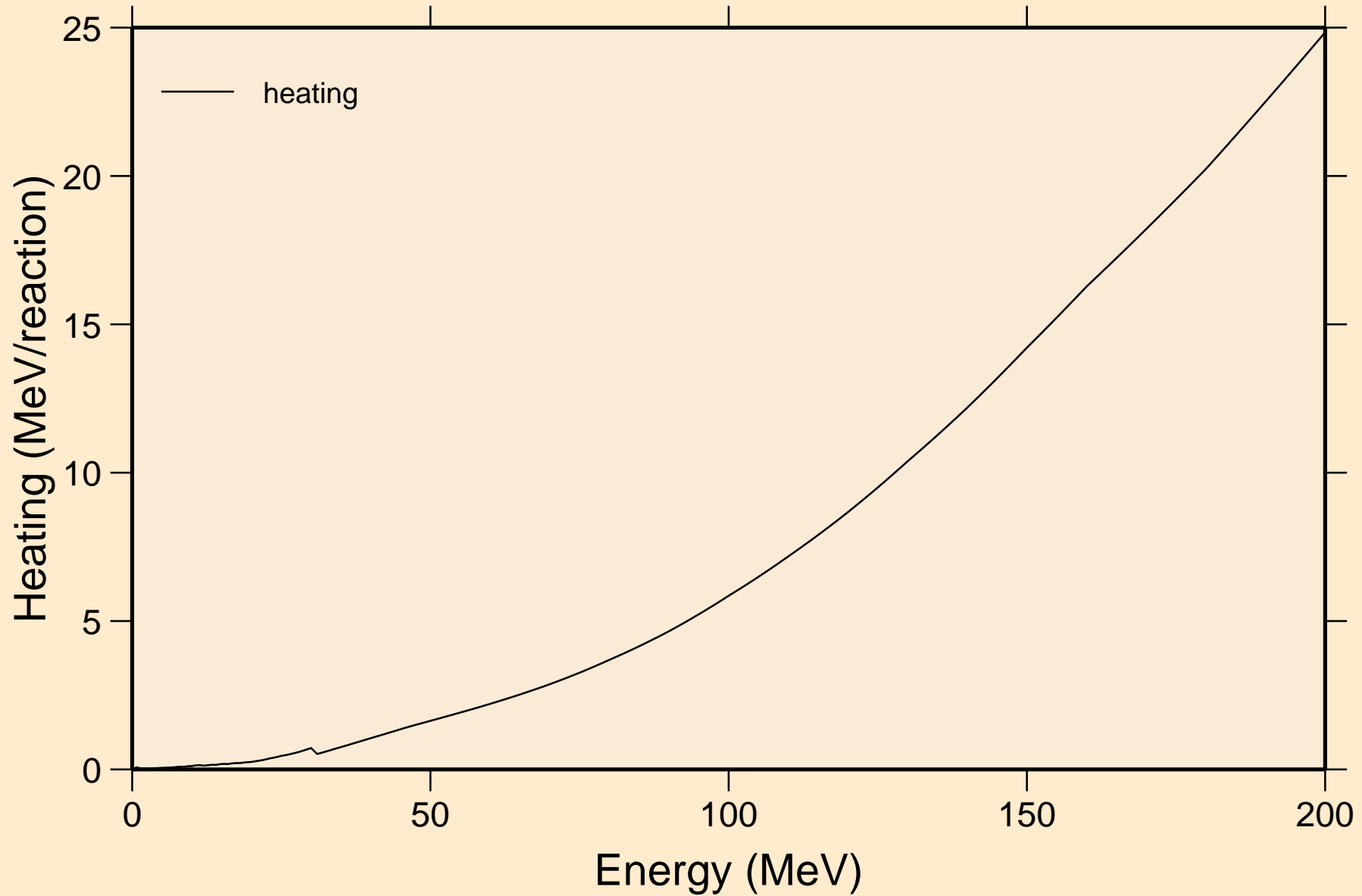
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## Principal cross sections



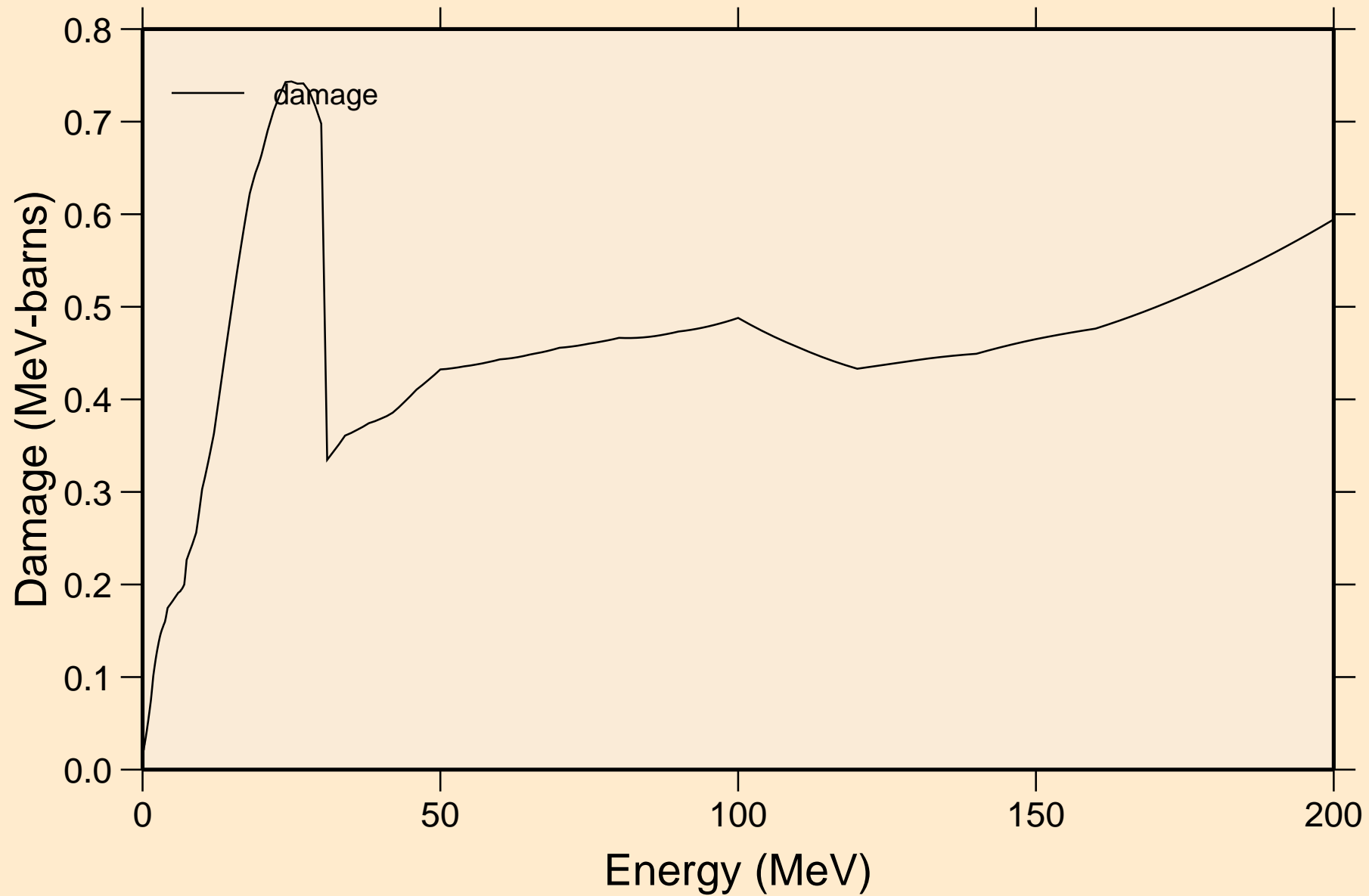
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## Heating



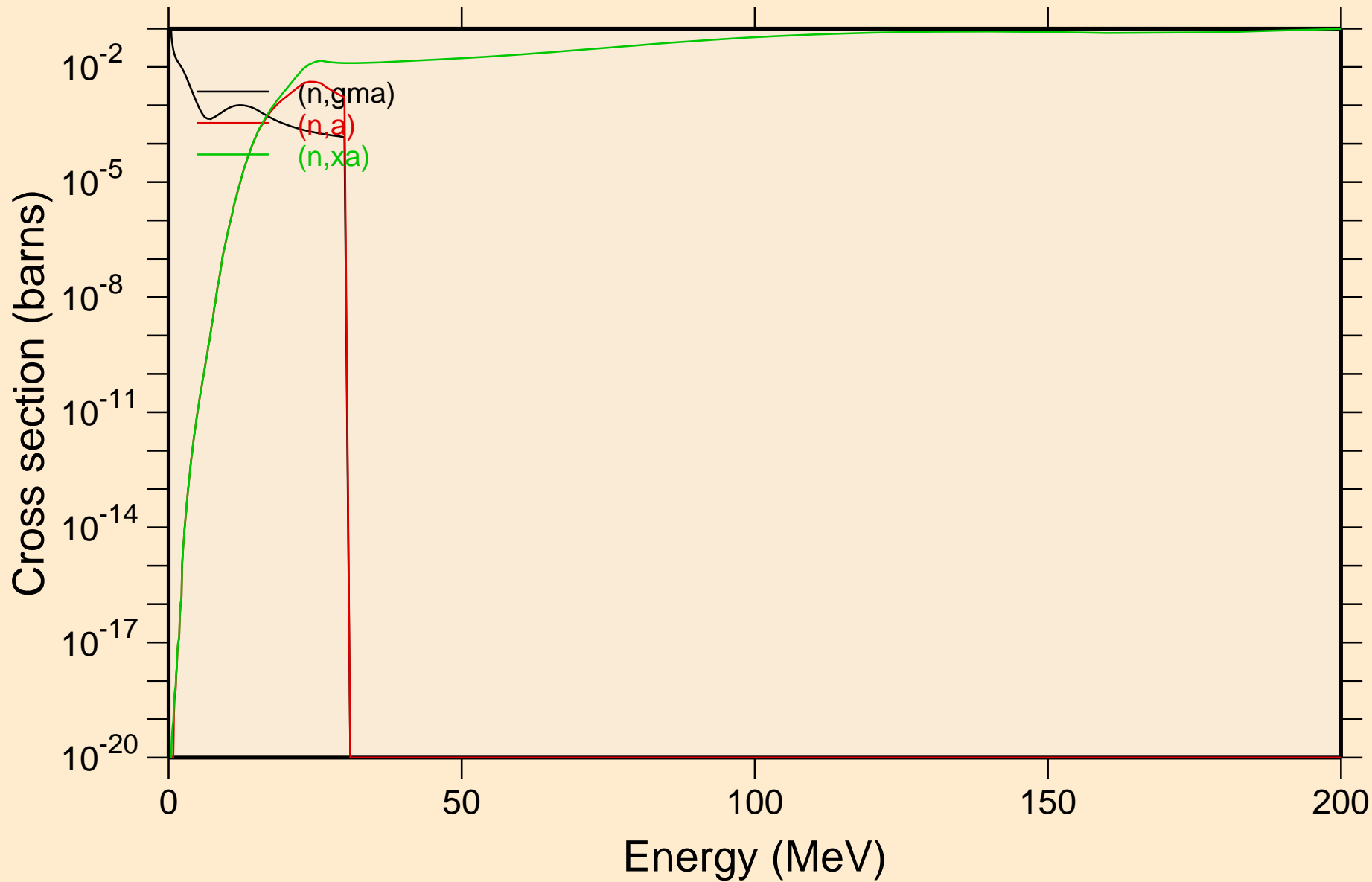
# TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage



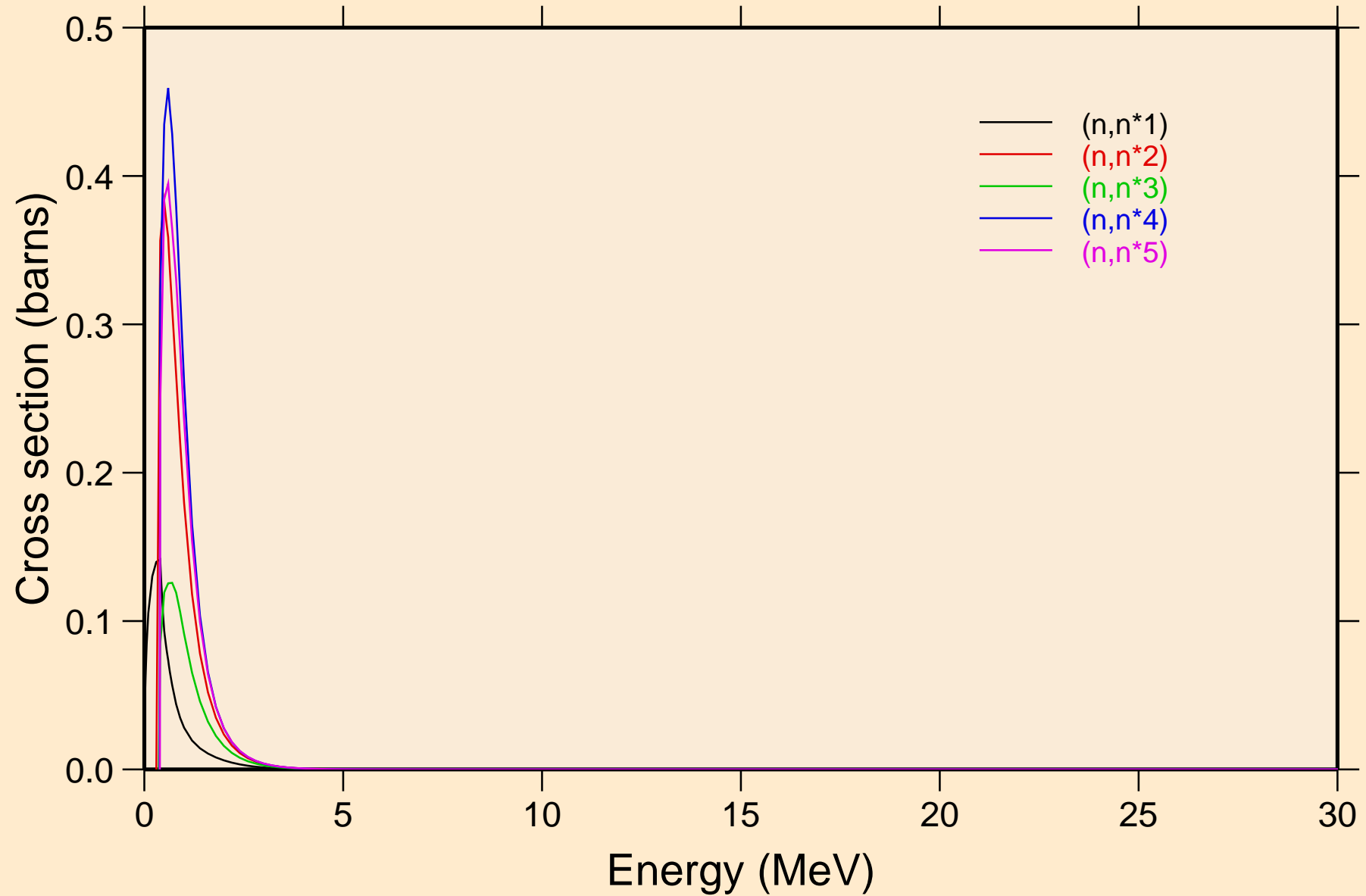
# TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

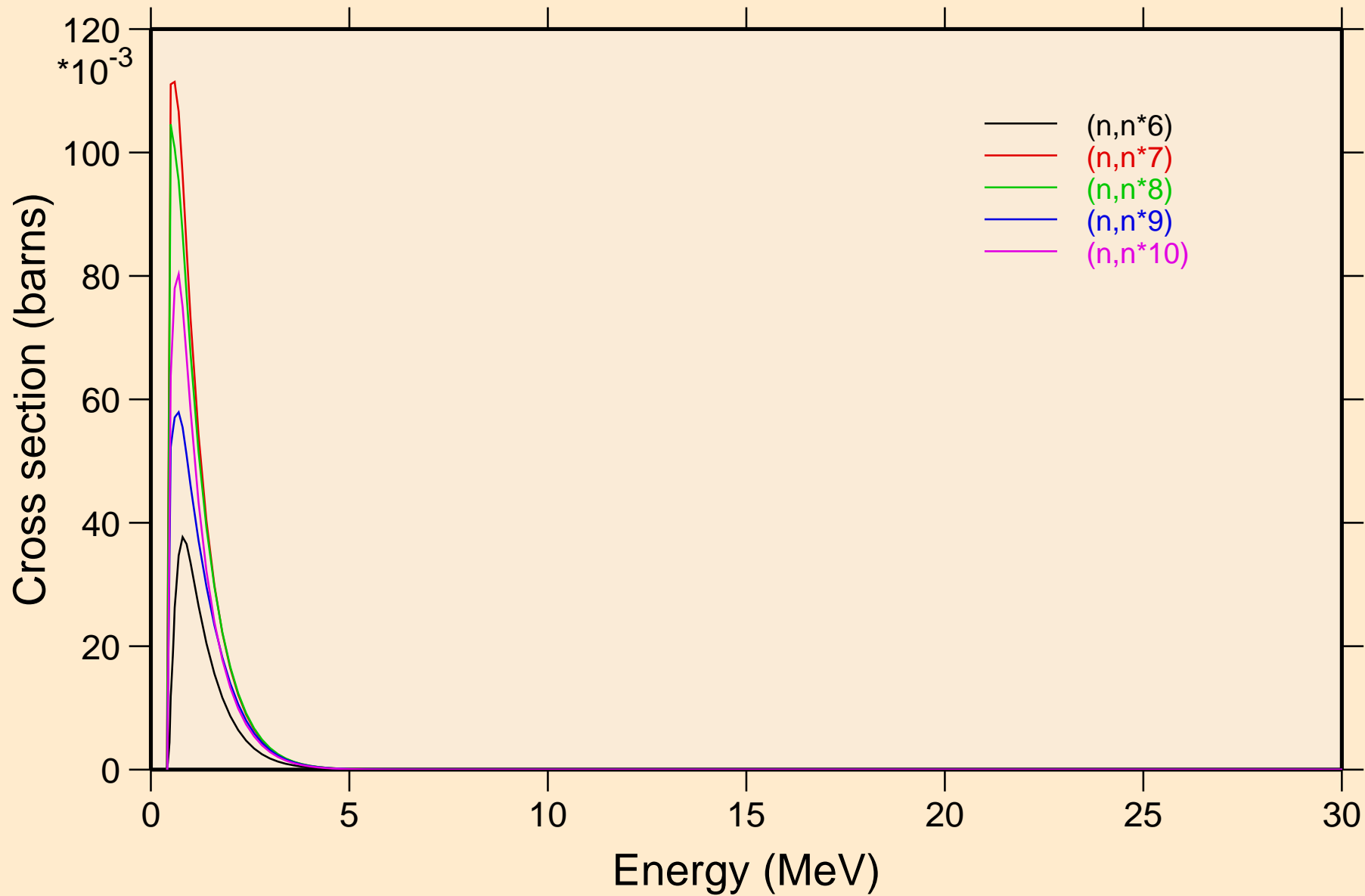




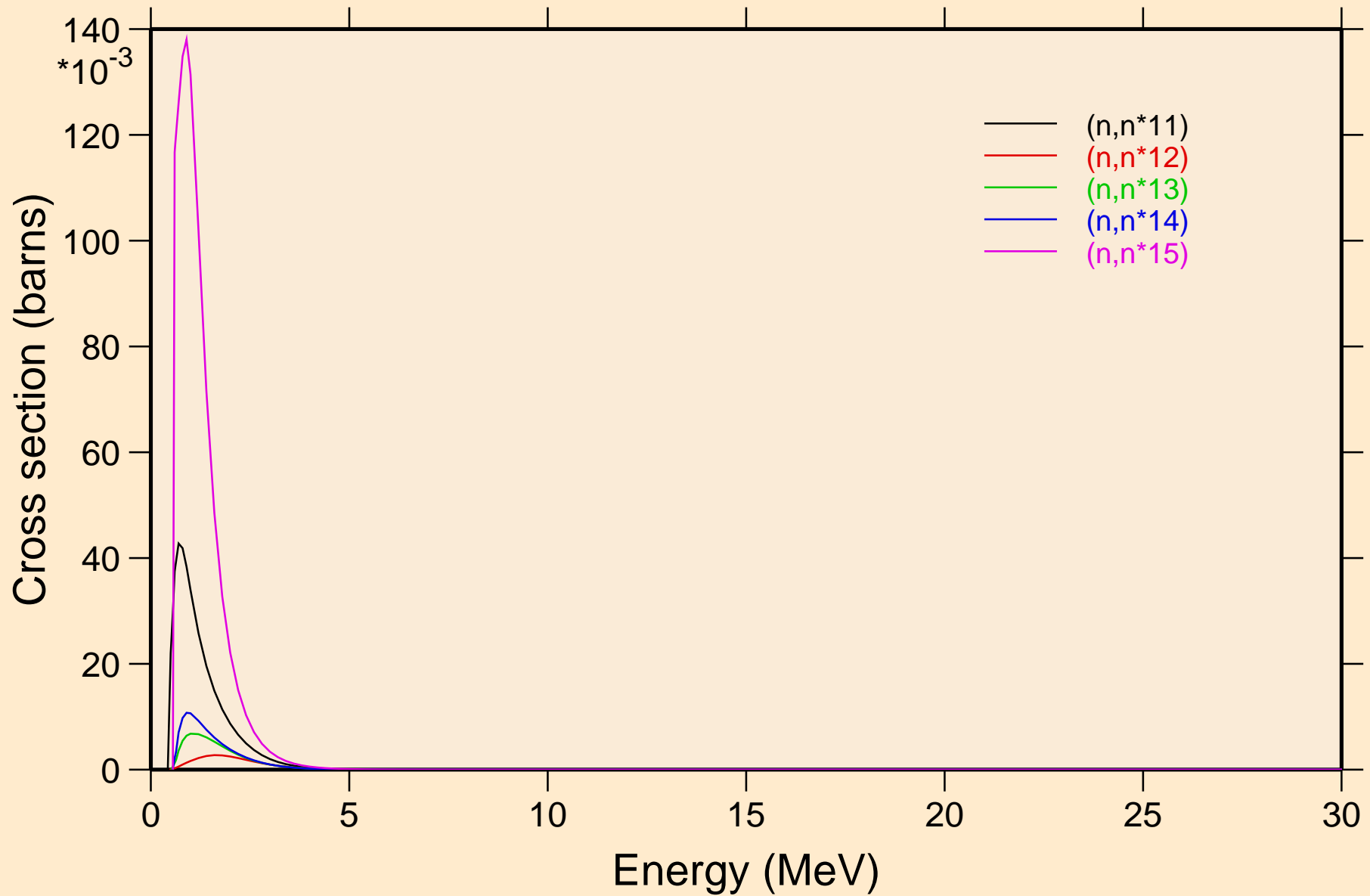
TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



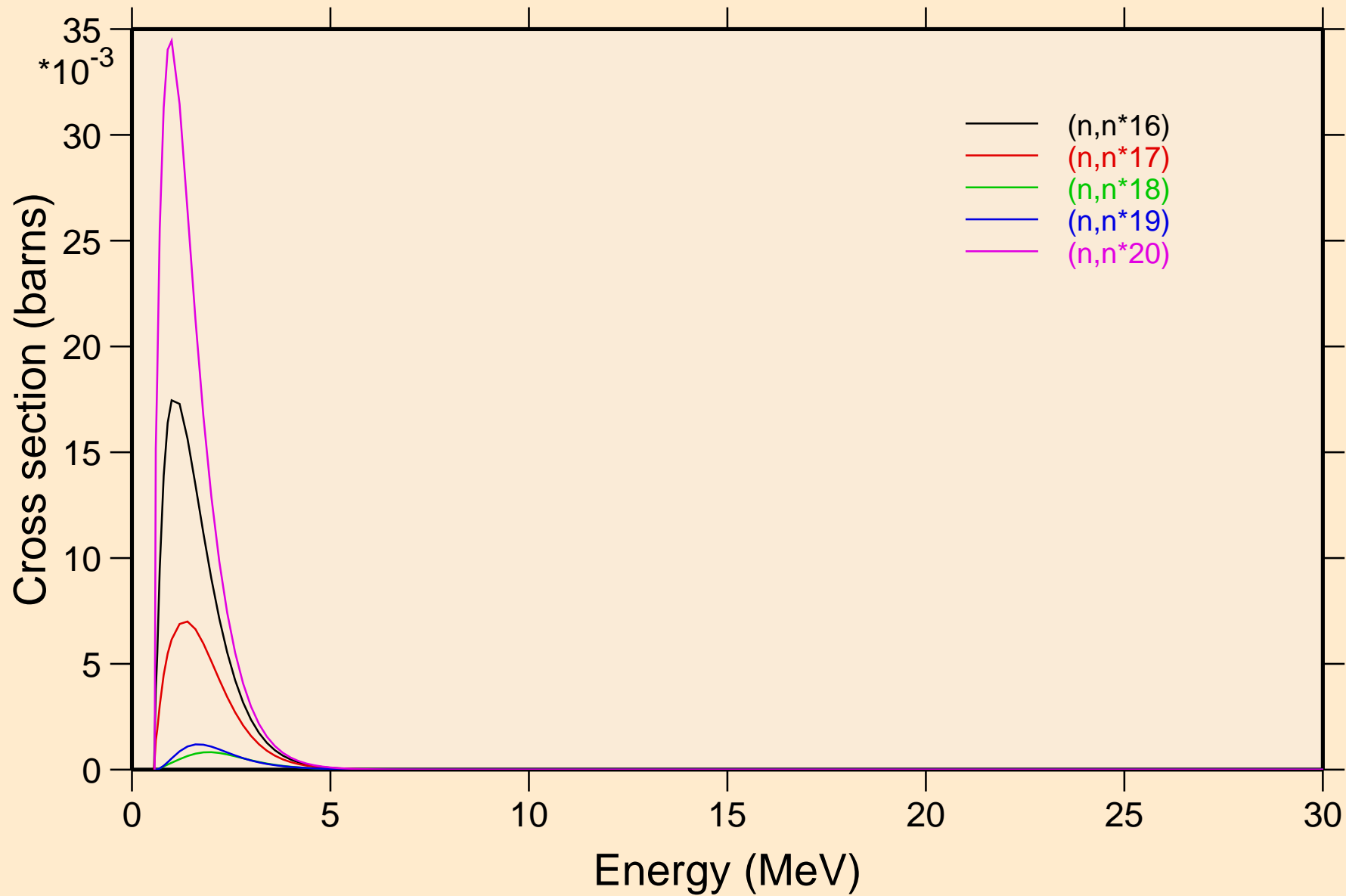
TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



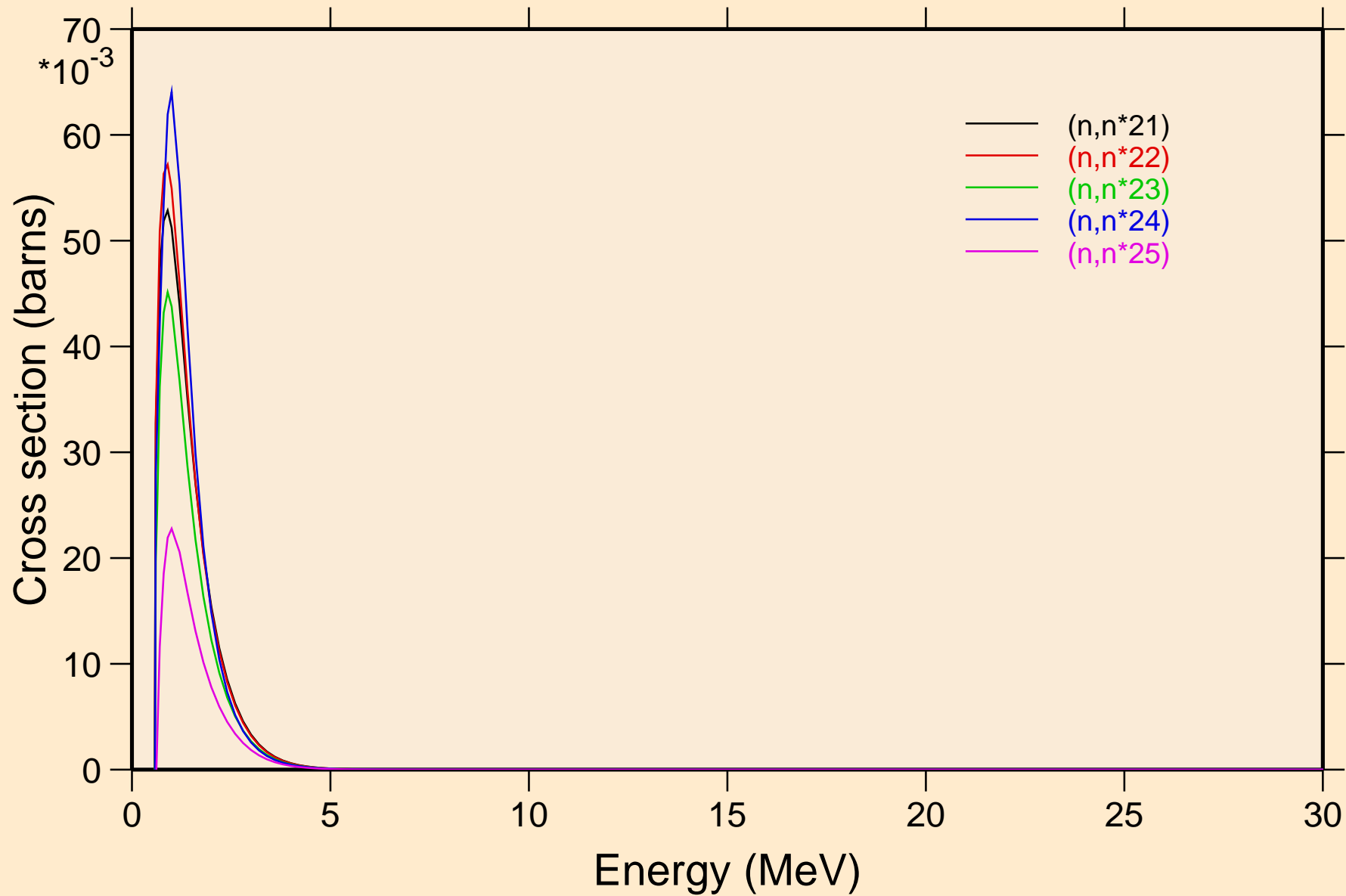
TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



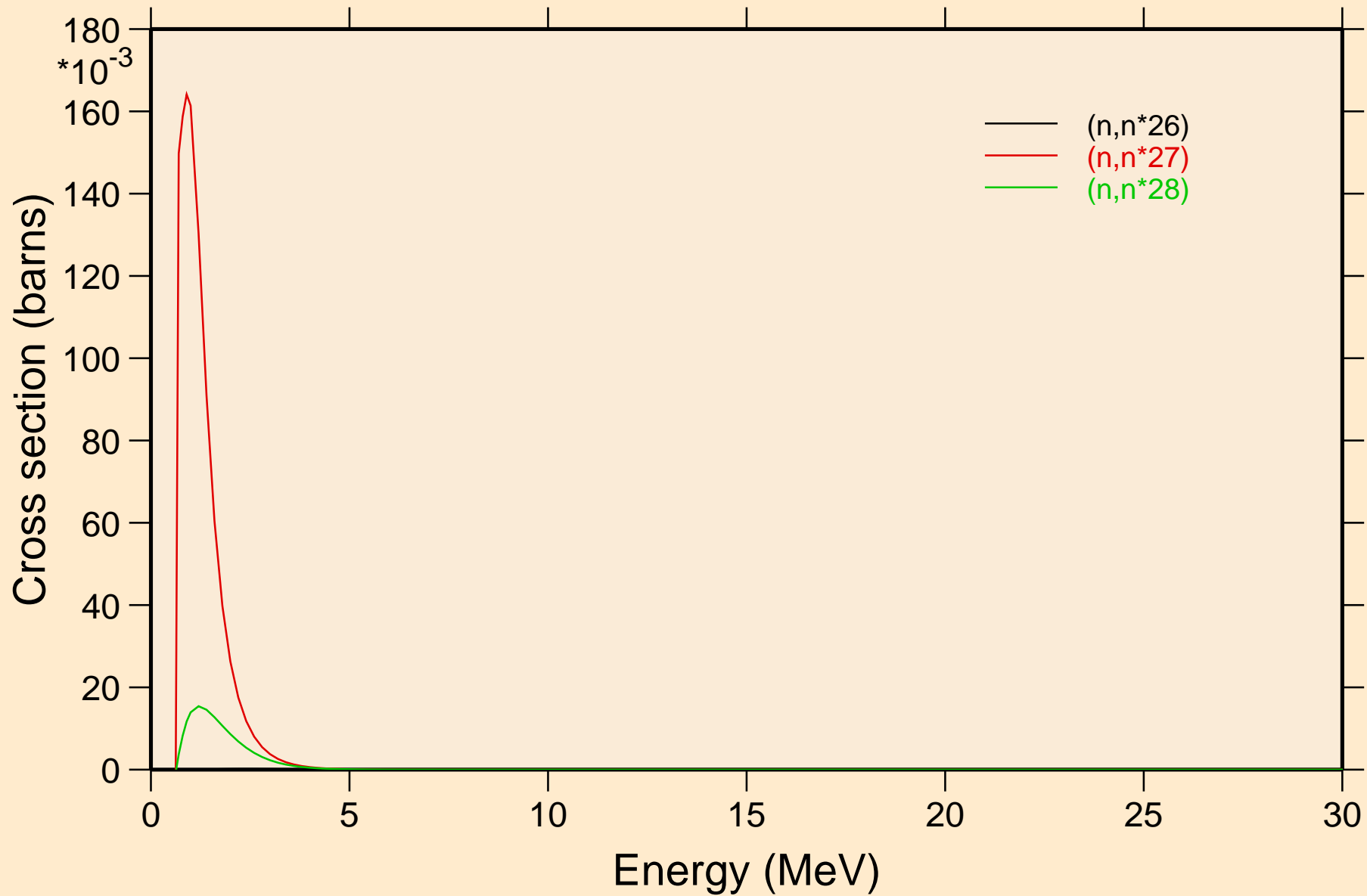
TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

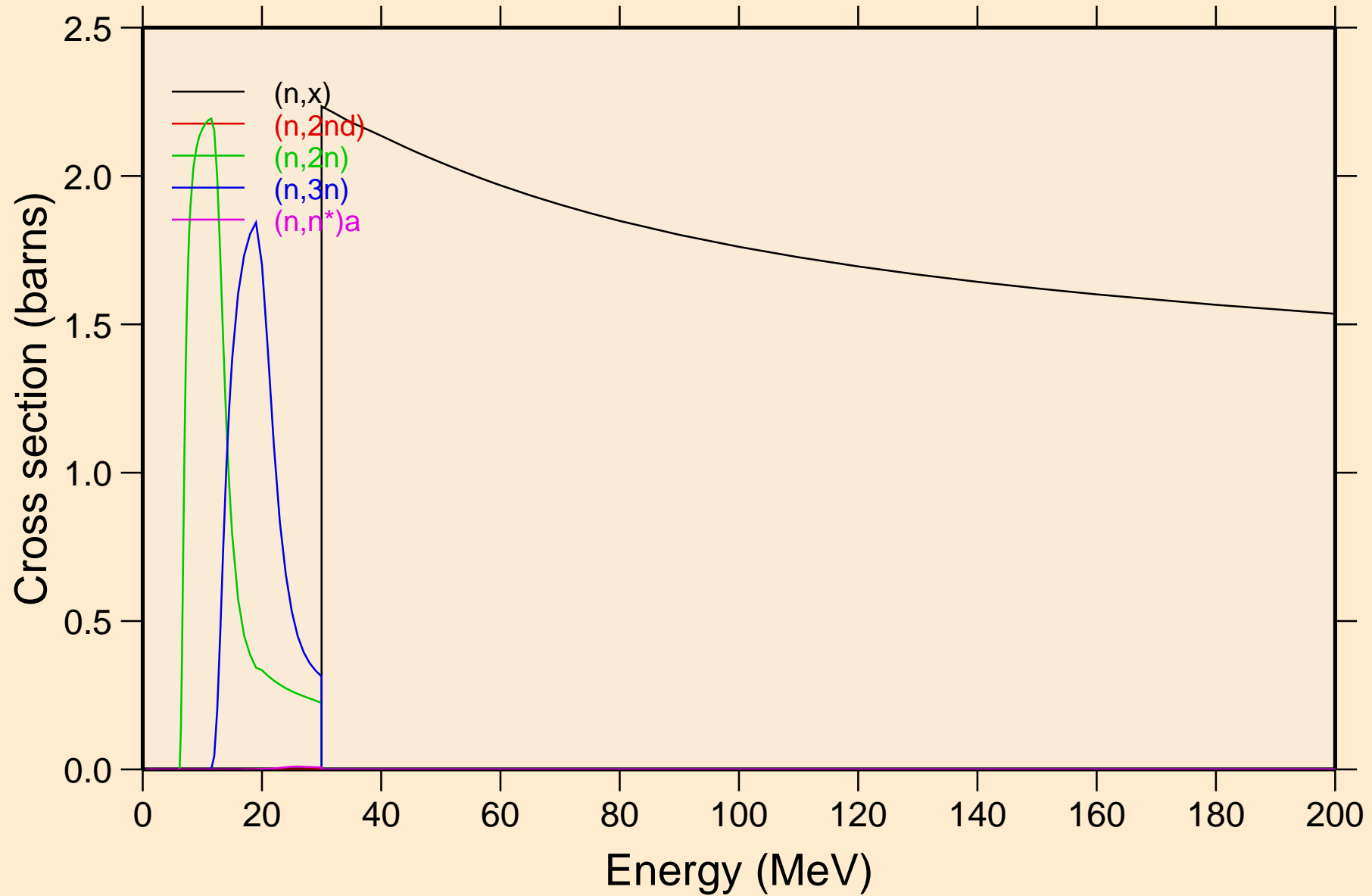


TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



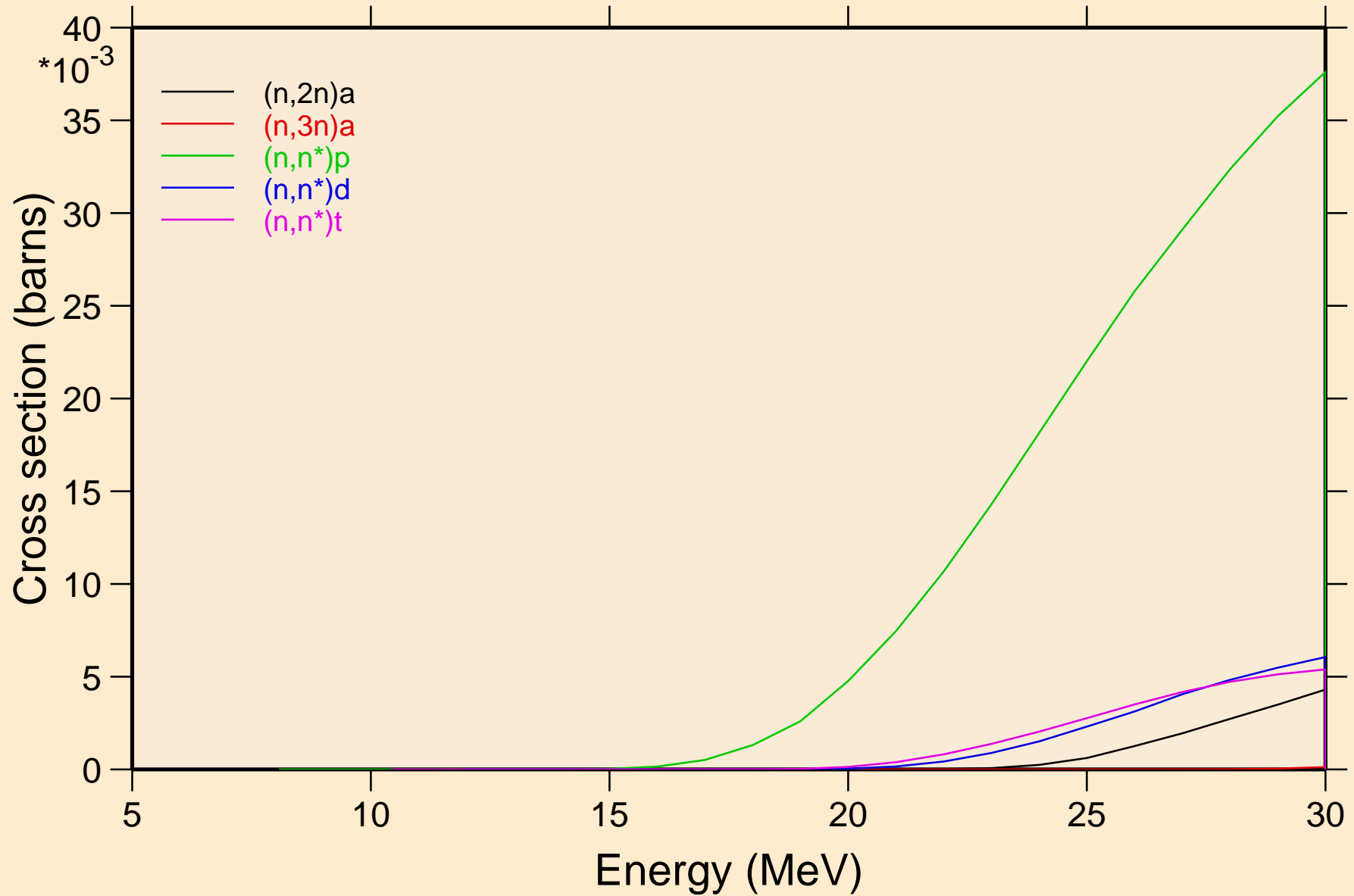
# TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



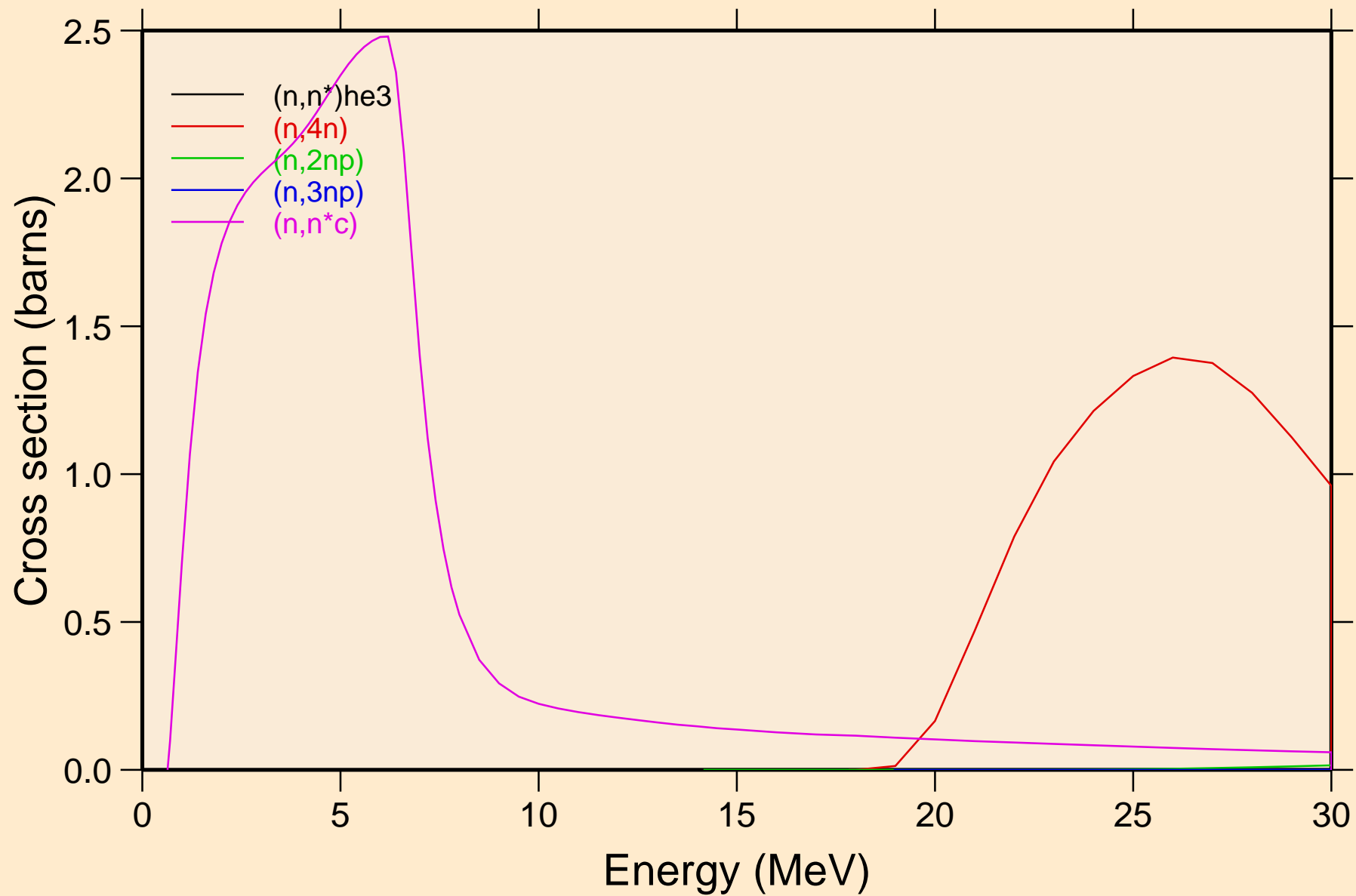
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## Threshold reactions

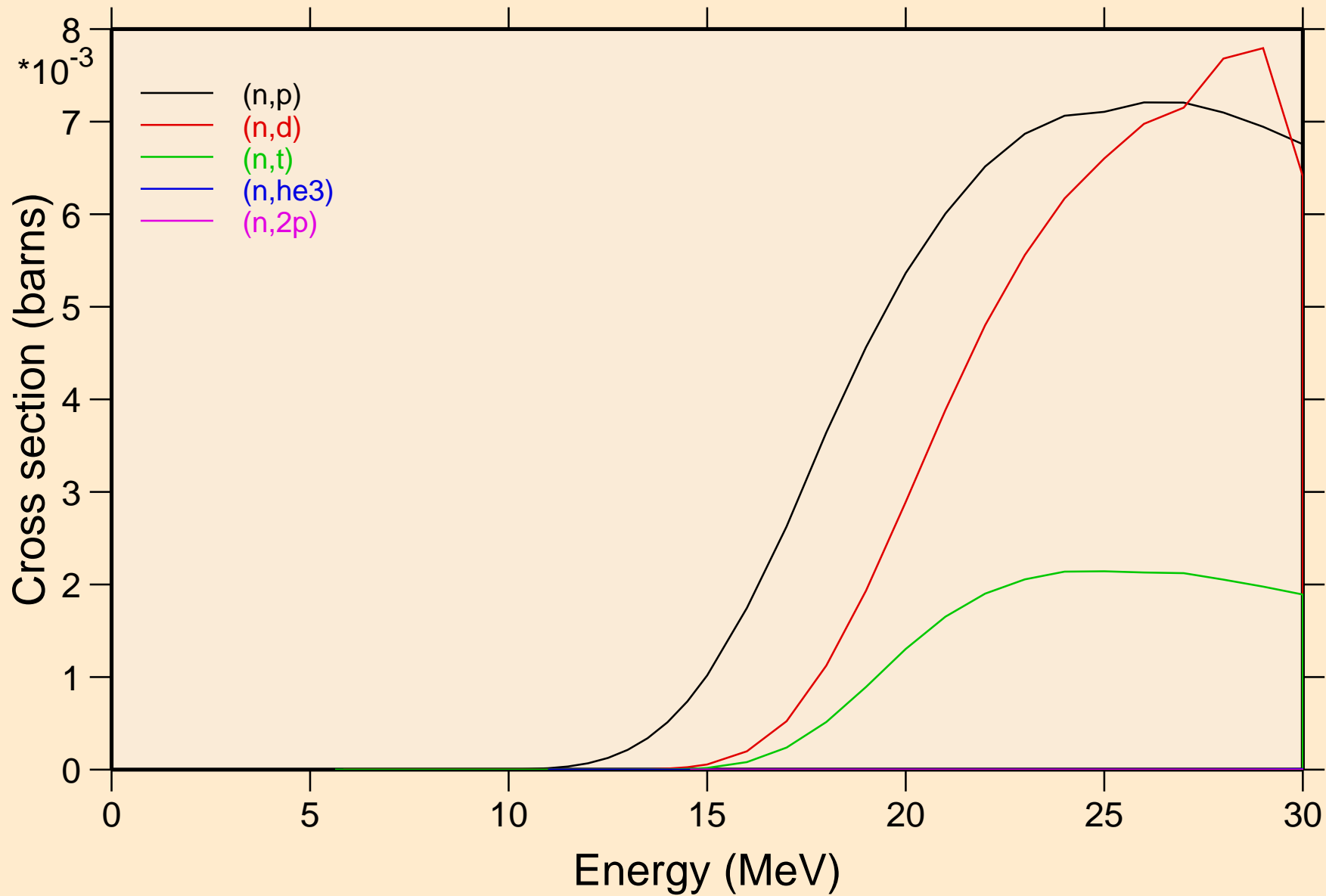




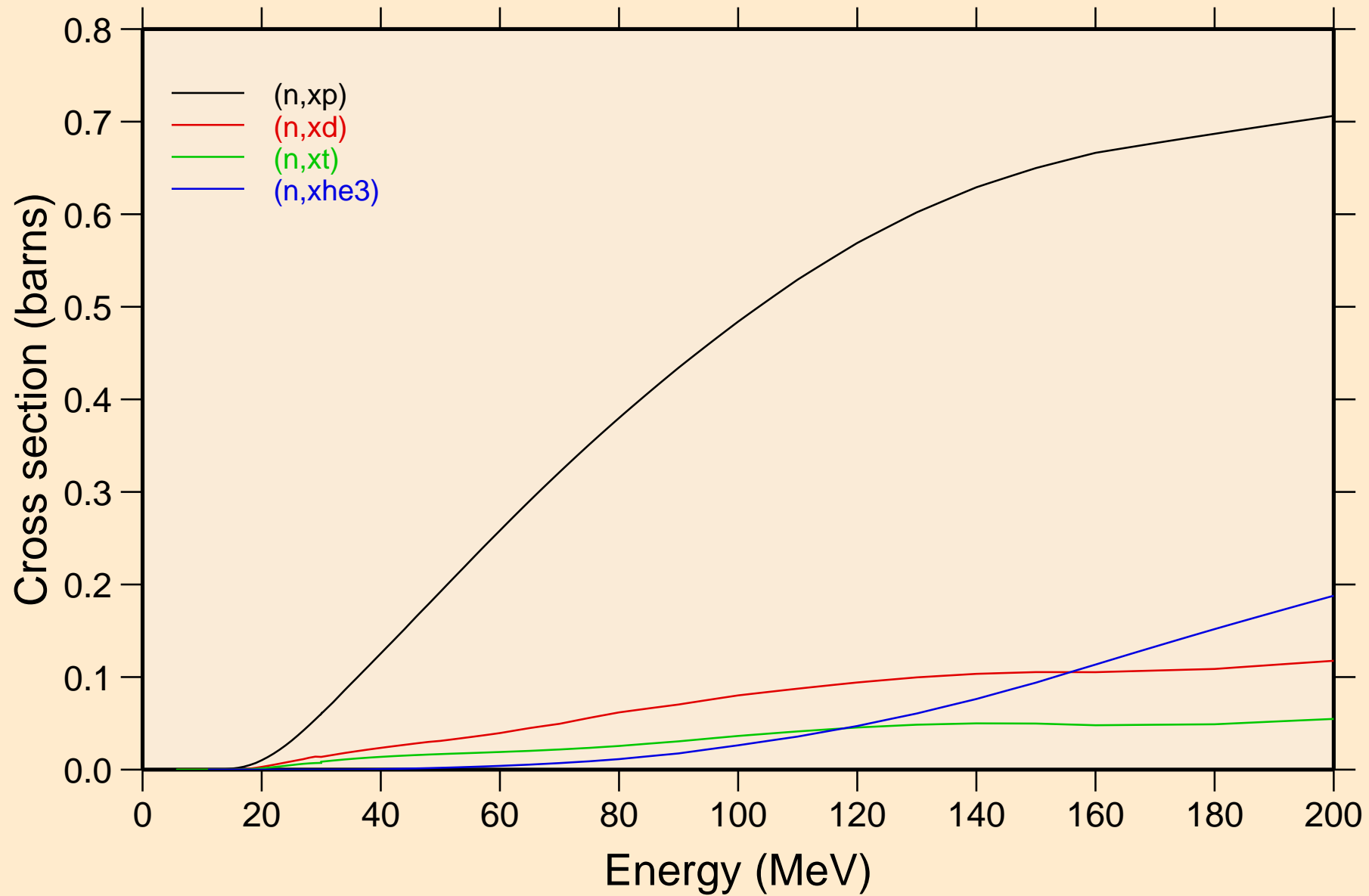
TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



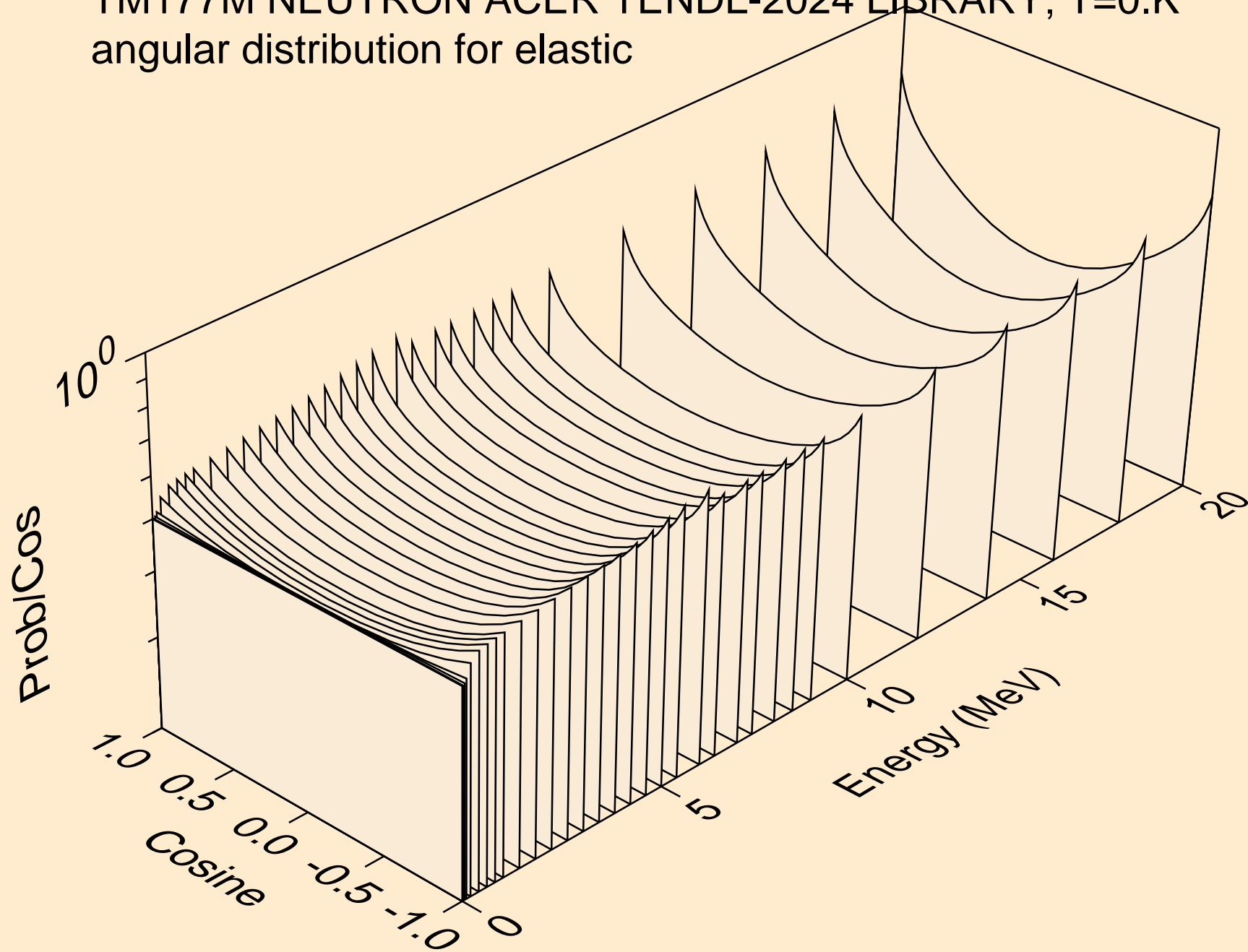
TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



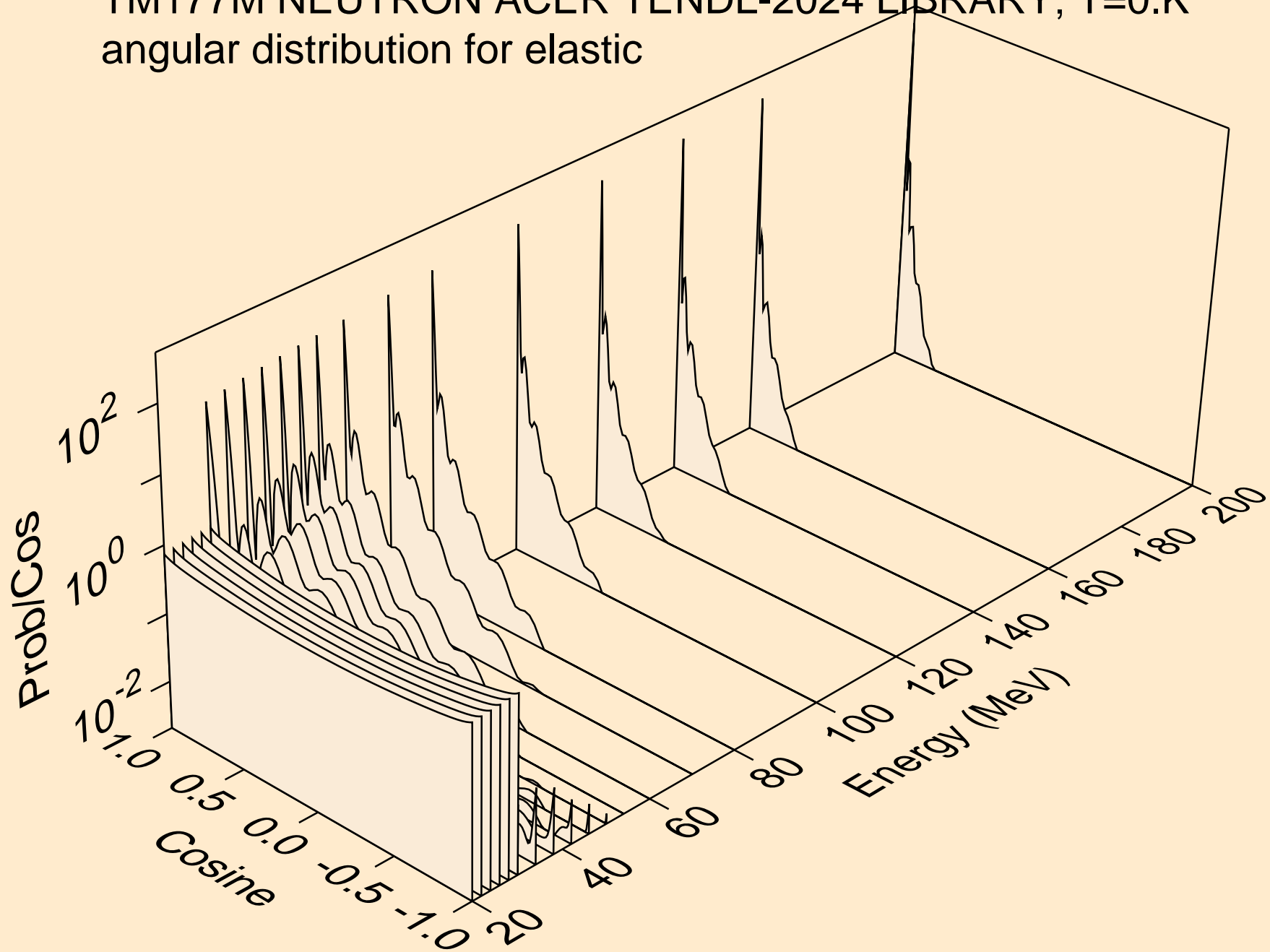
TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



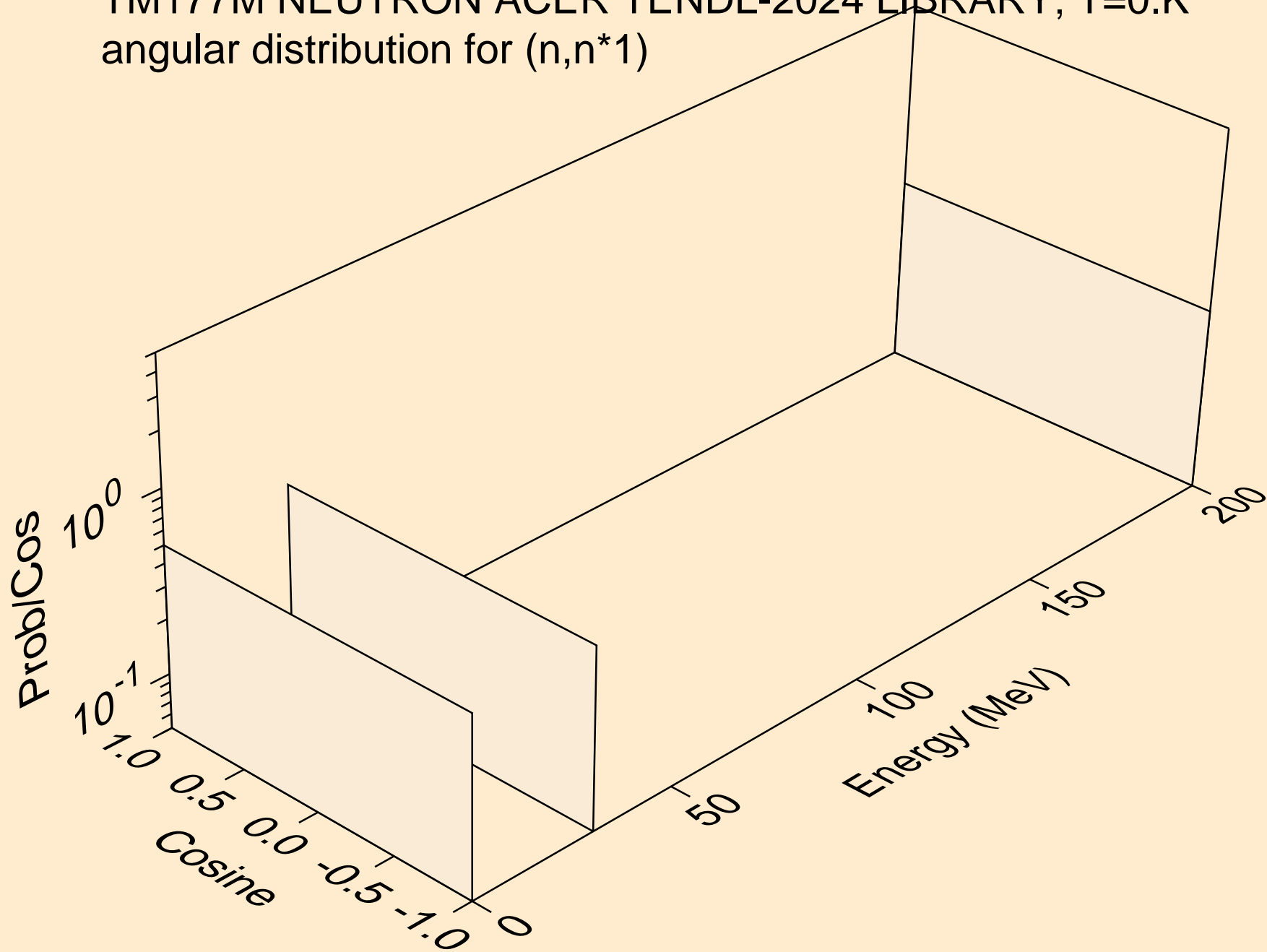
TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



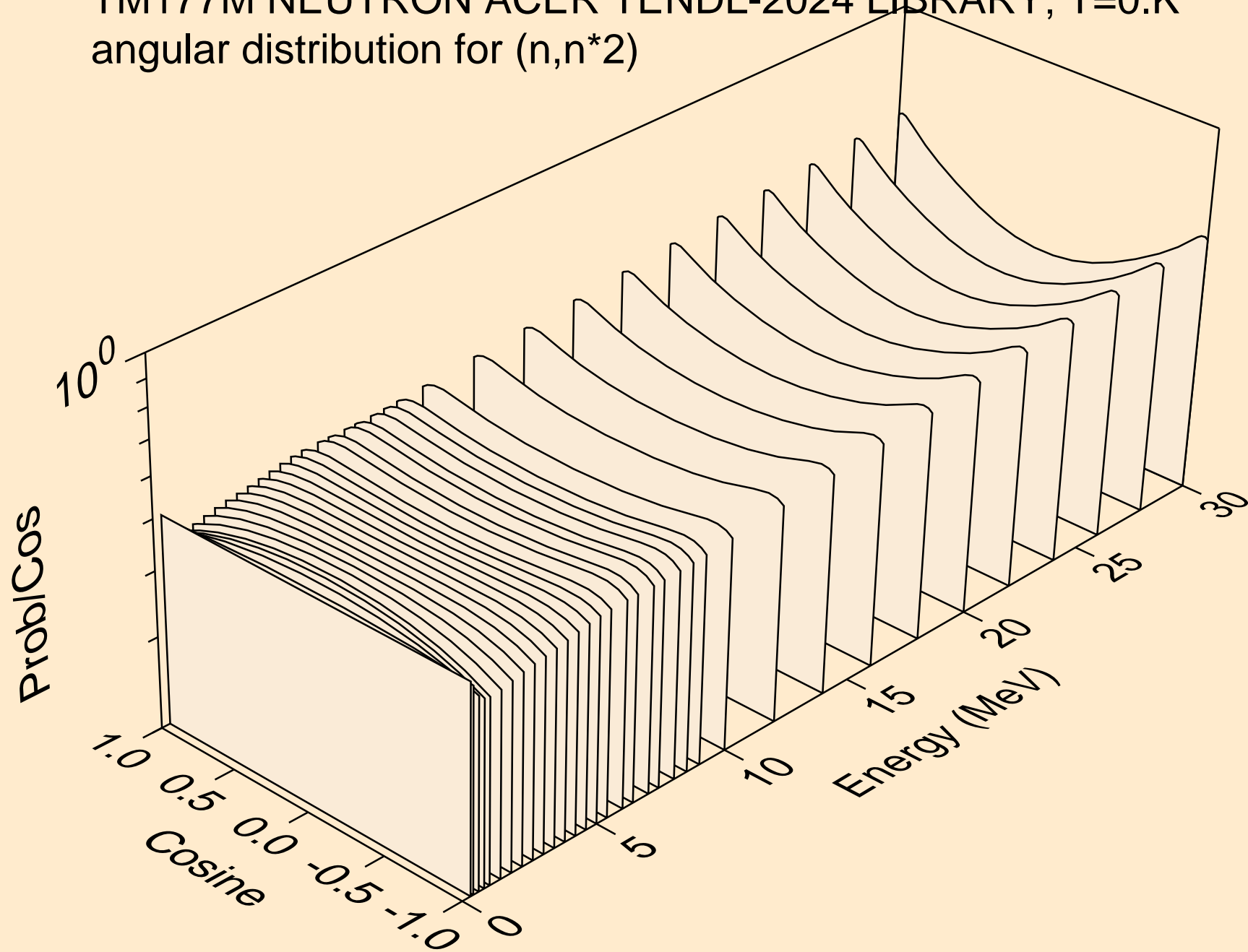
TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



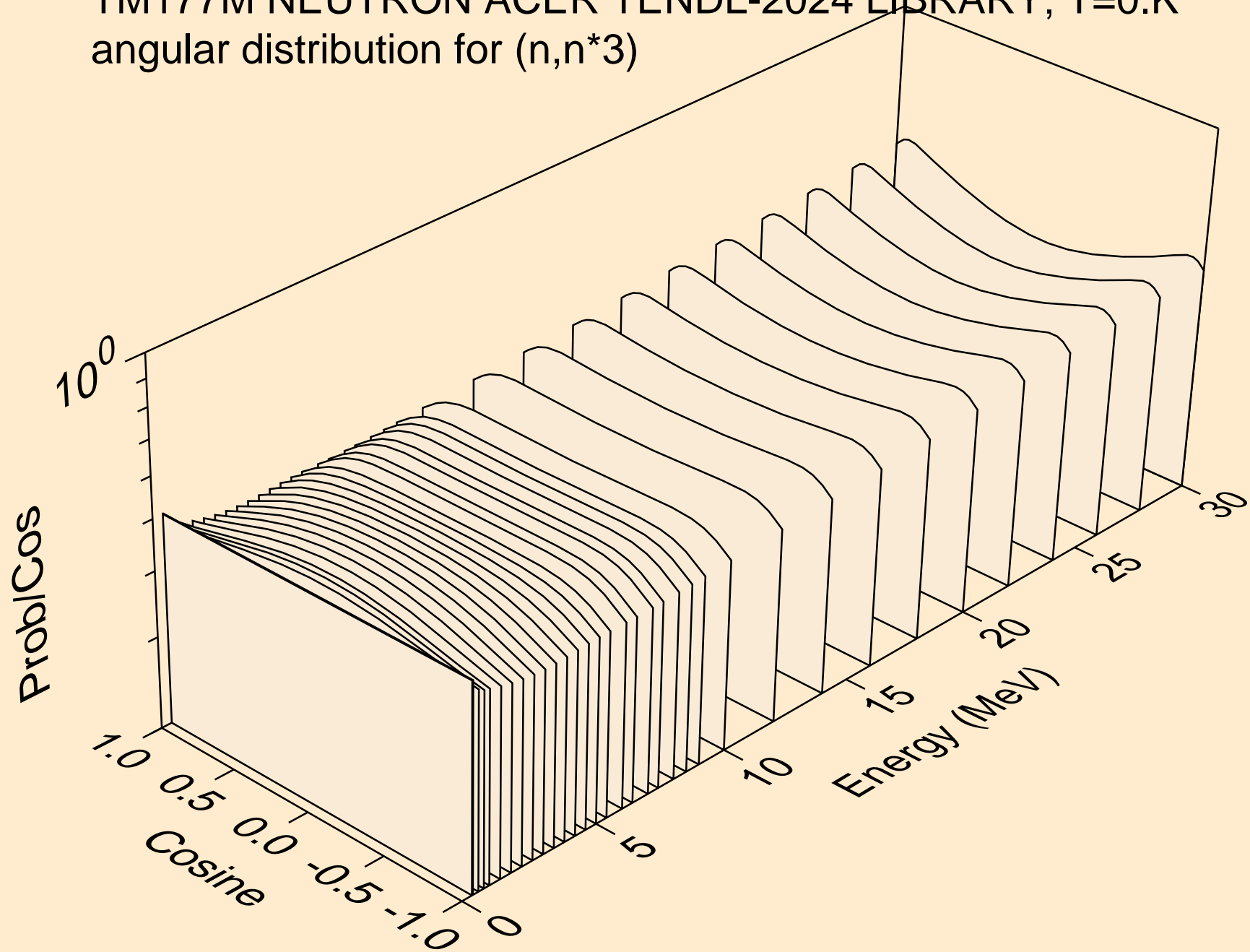
TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

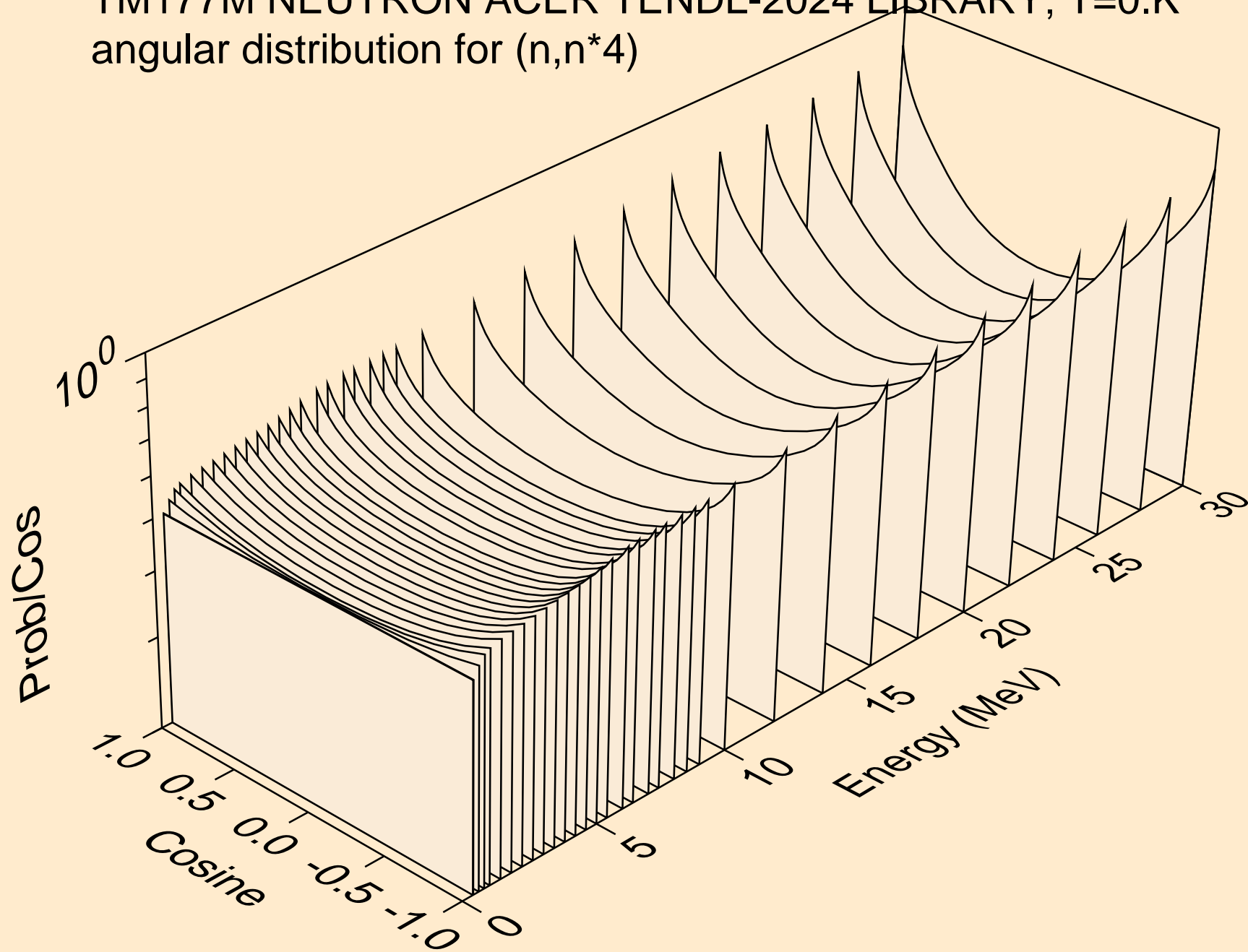


TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)

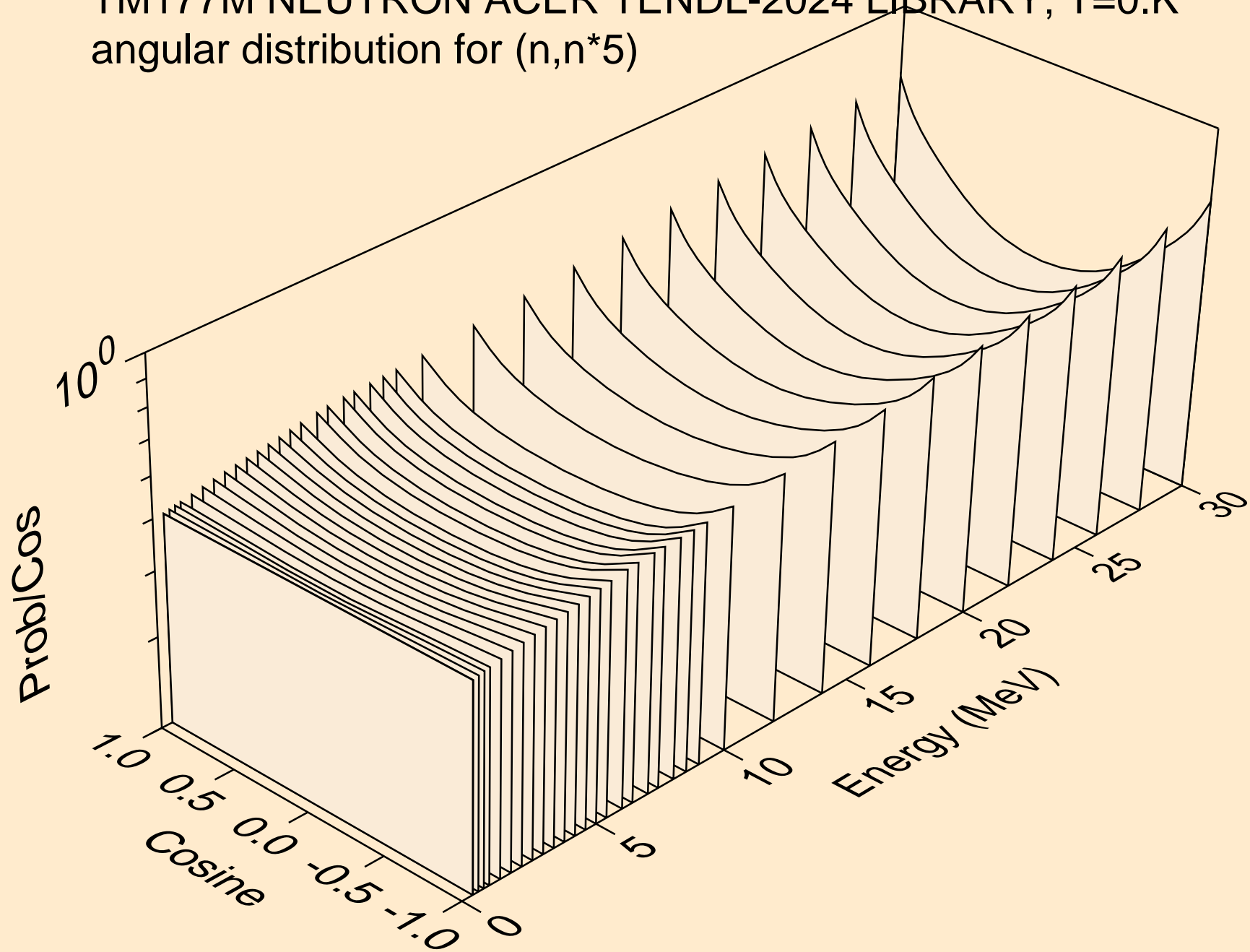




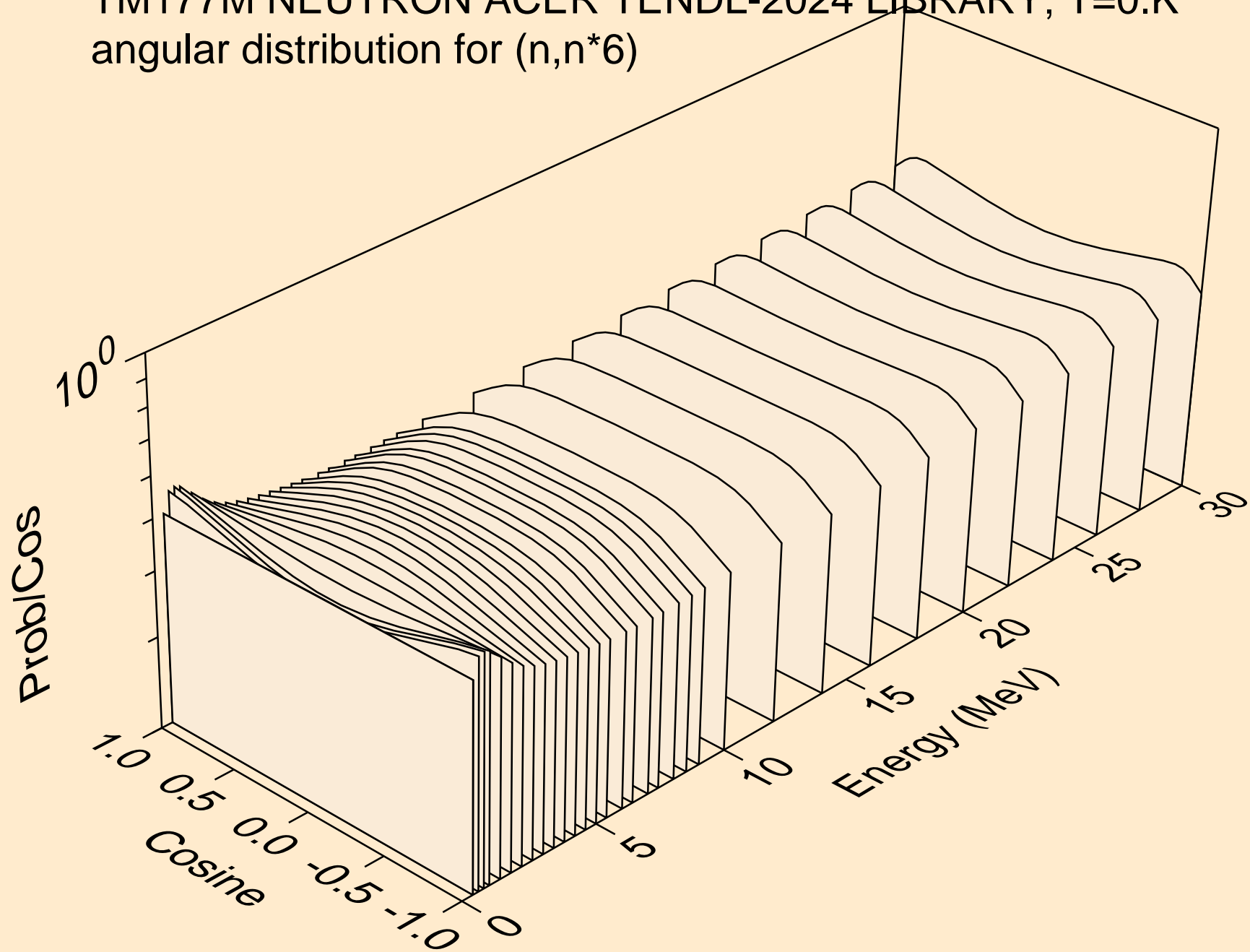
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angular distribution for (n,n\*4)



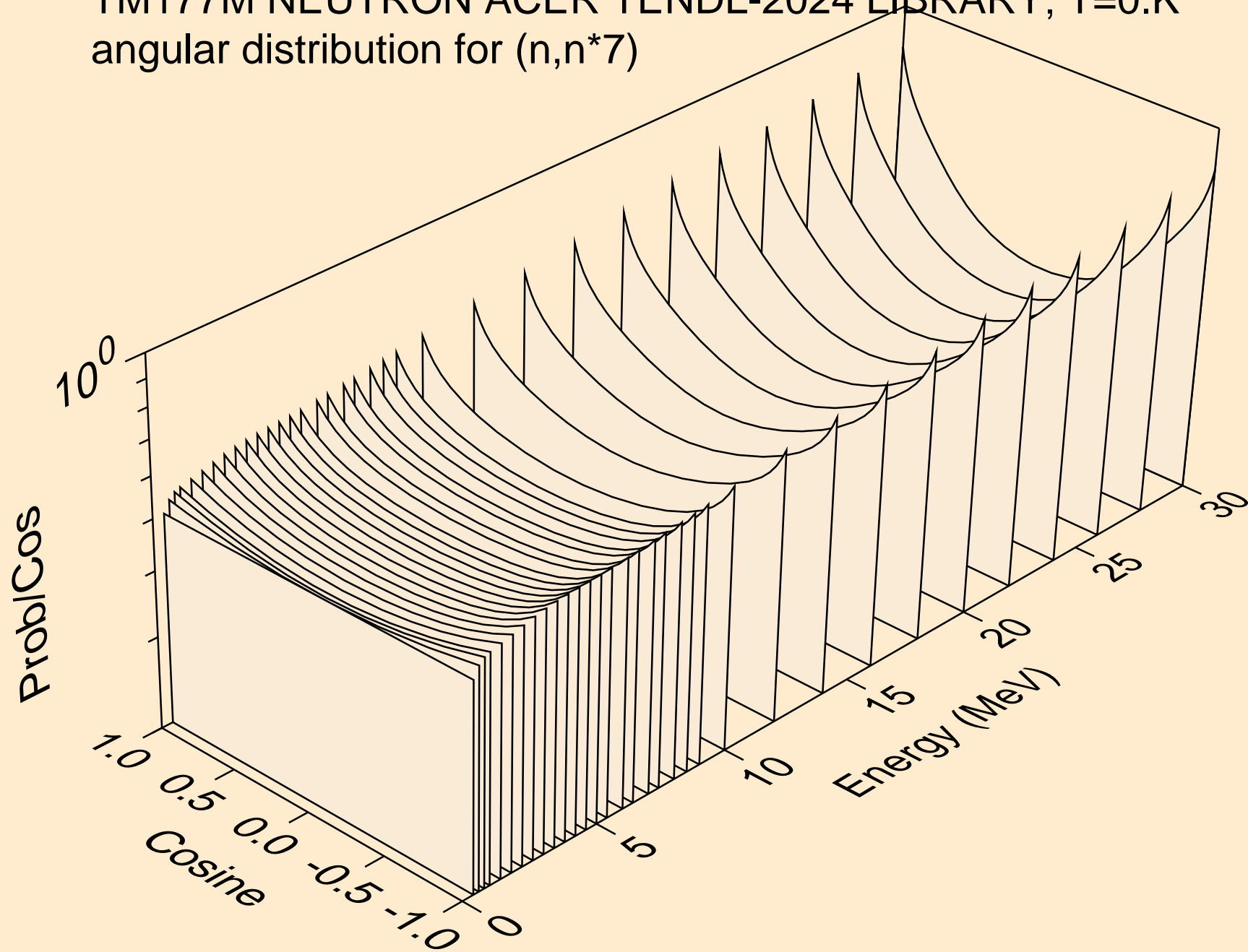
TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



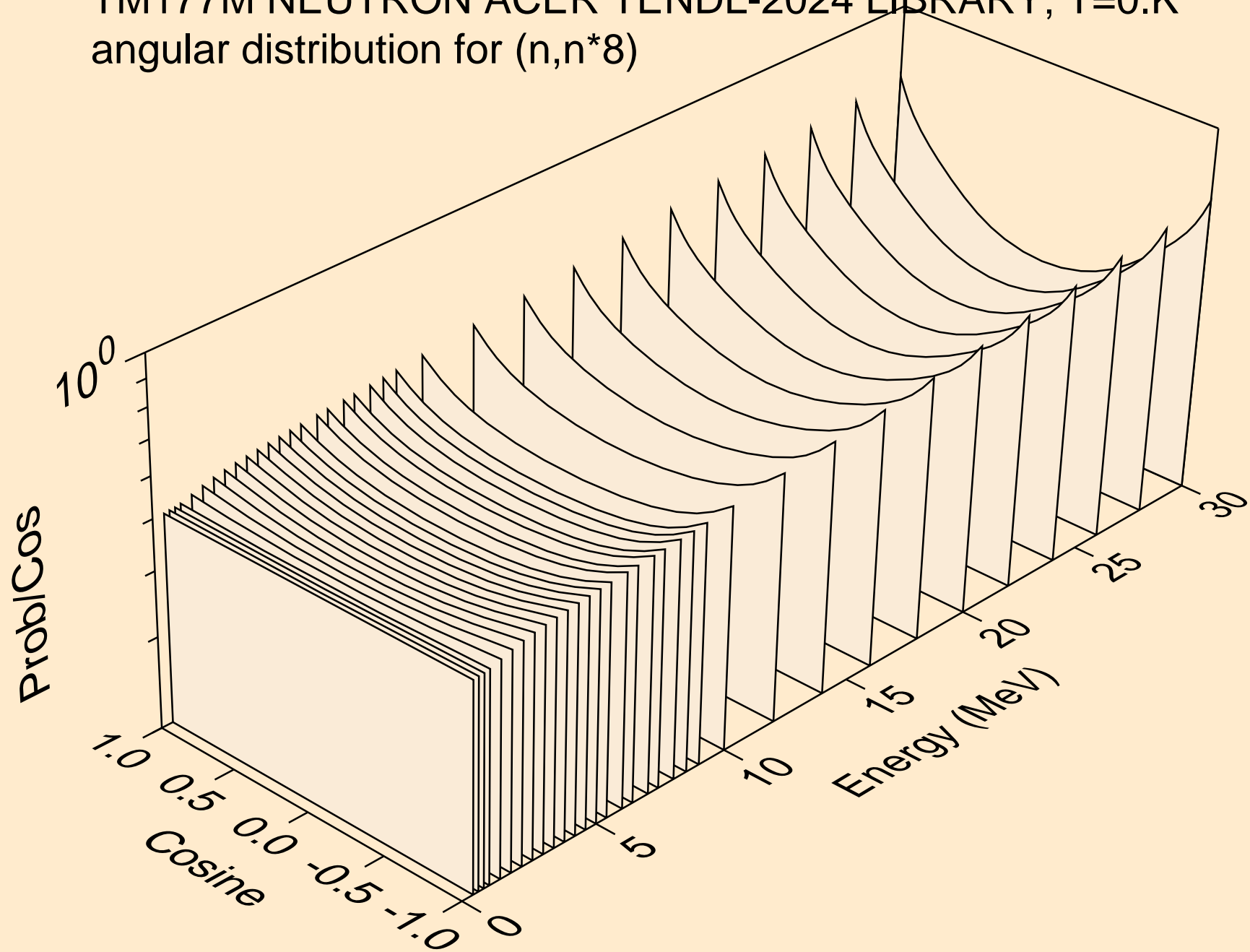
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angular distribution for (n,n\*6)



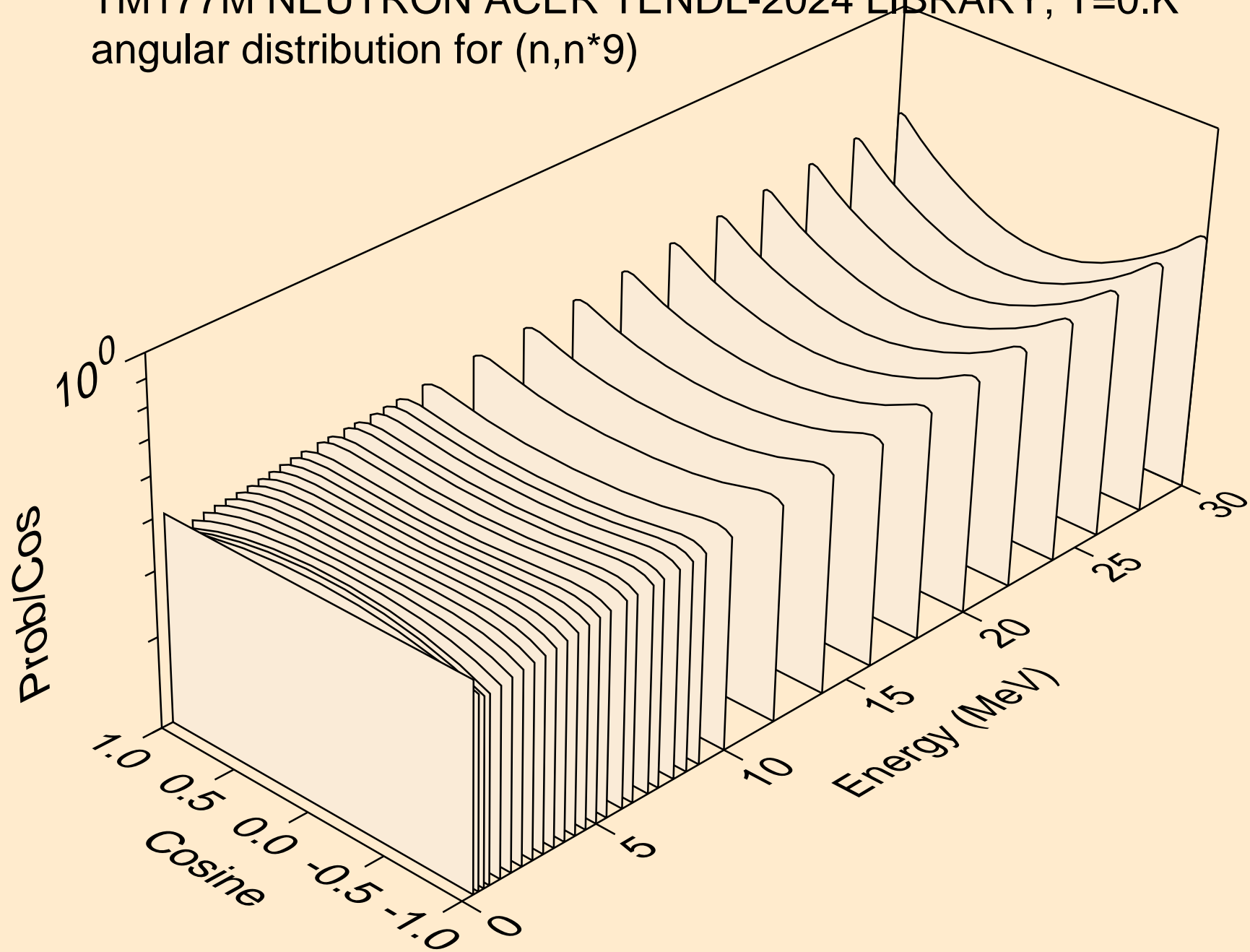
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angular distribution for (n,n\*7)



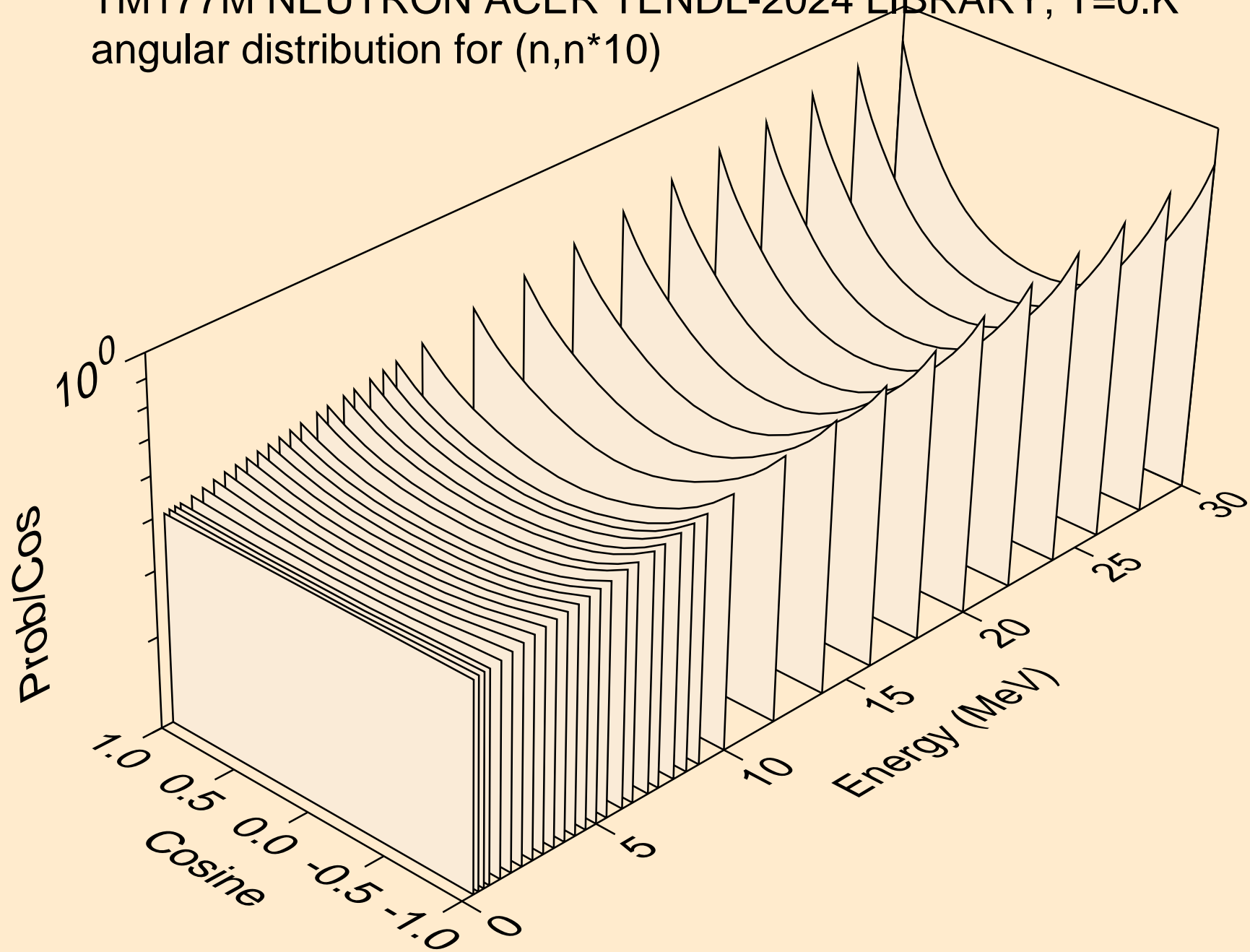
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angular distribution for (n,n\*8)



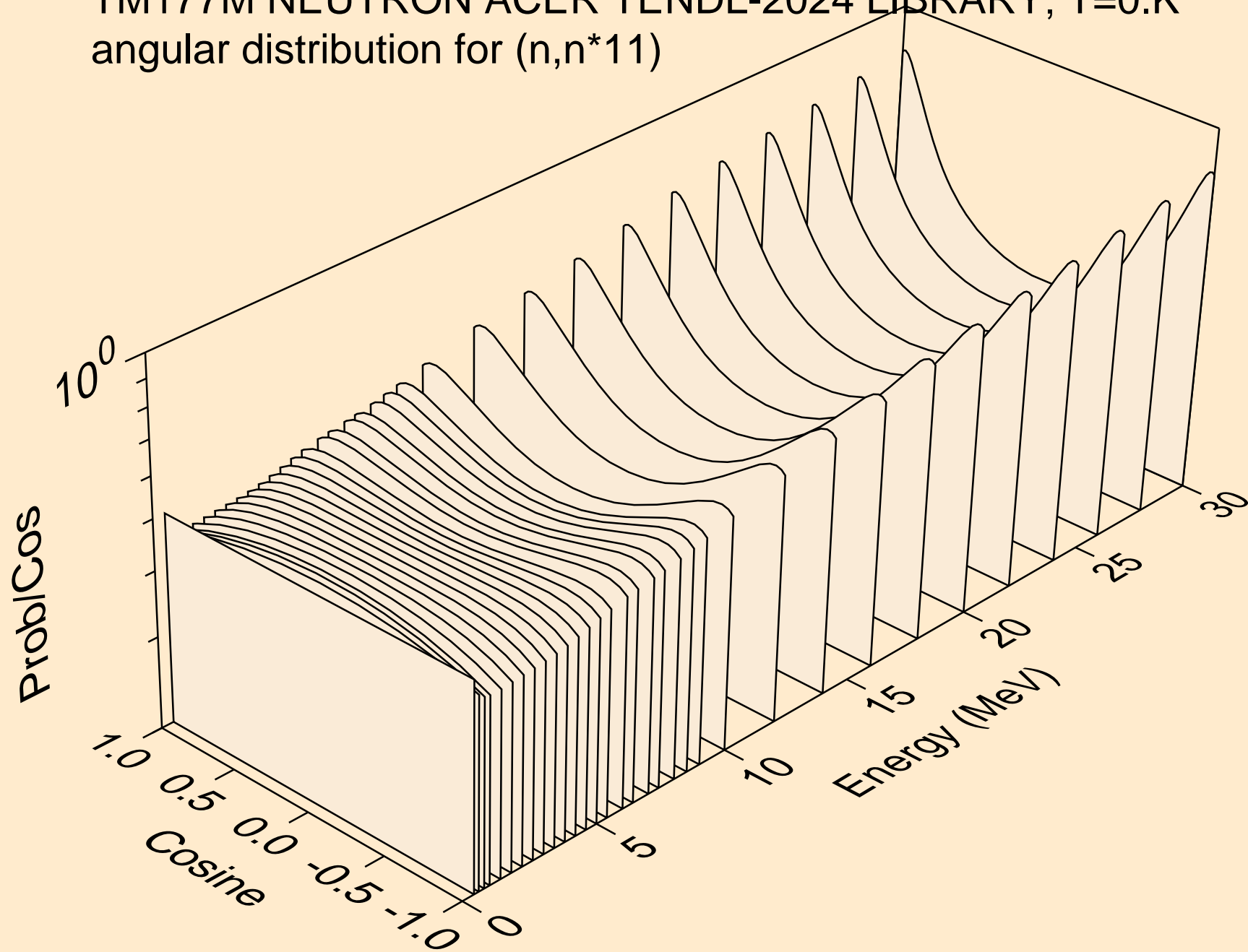
TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)

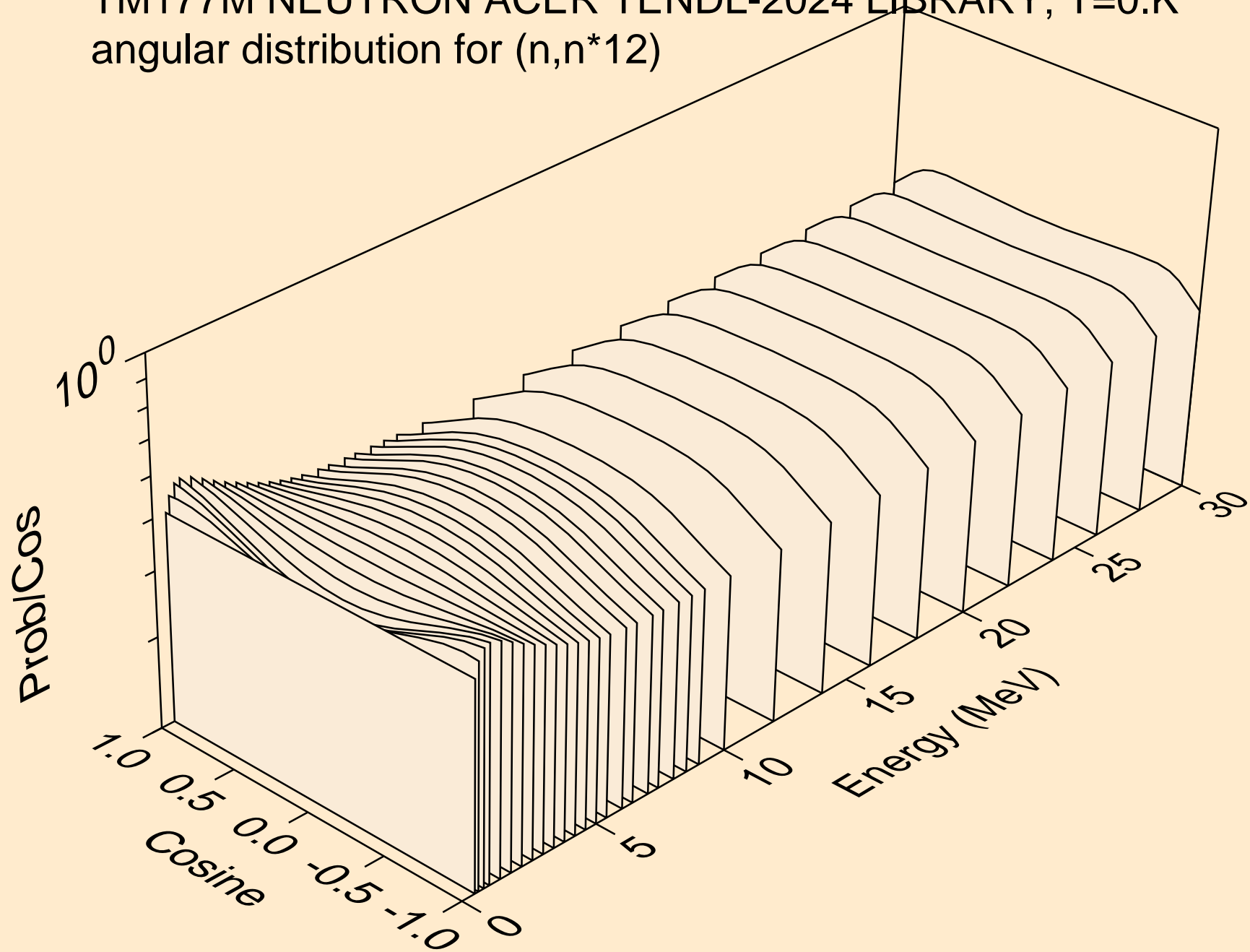


TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)

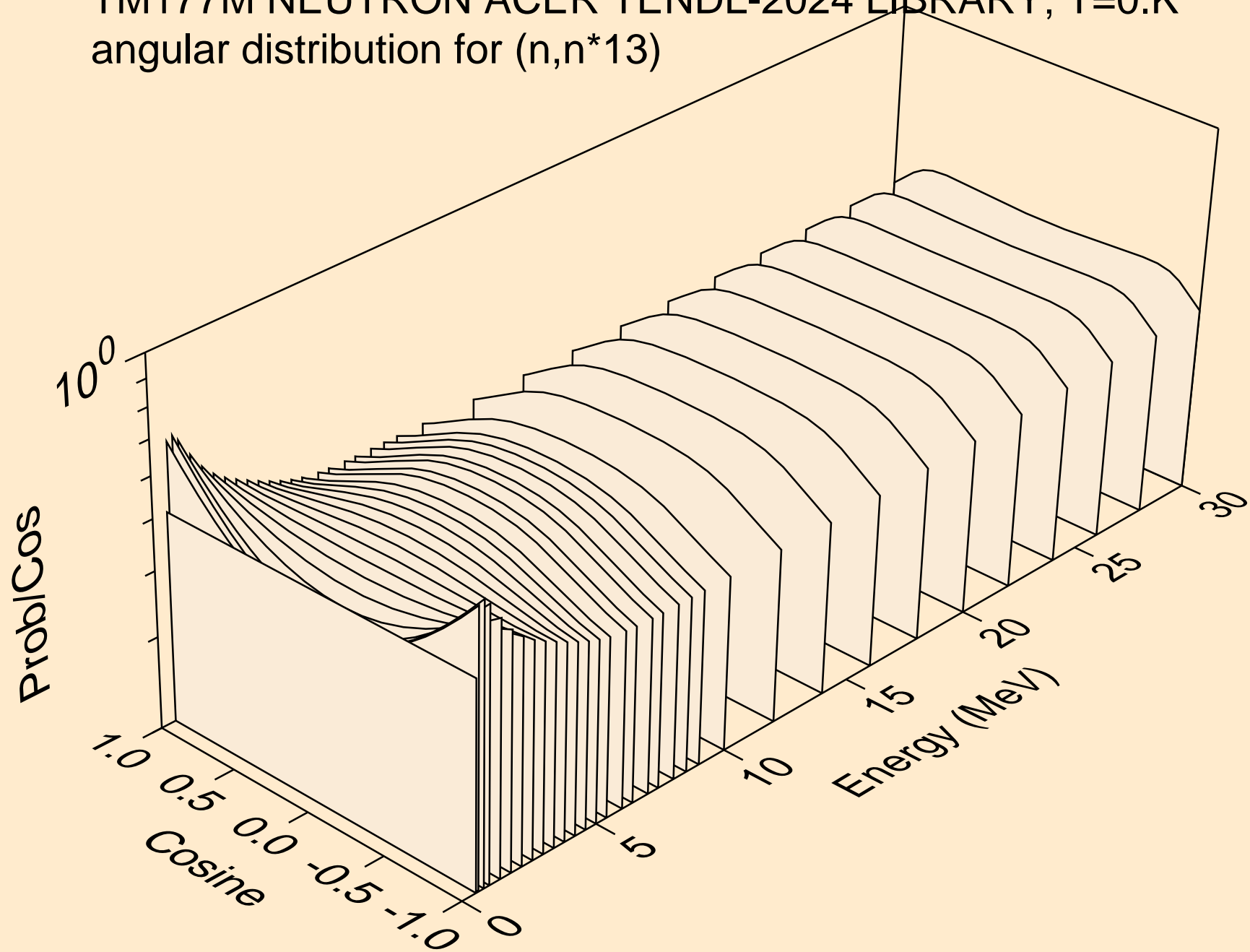




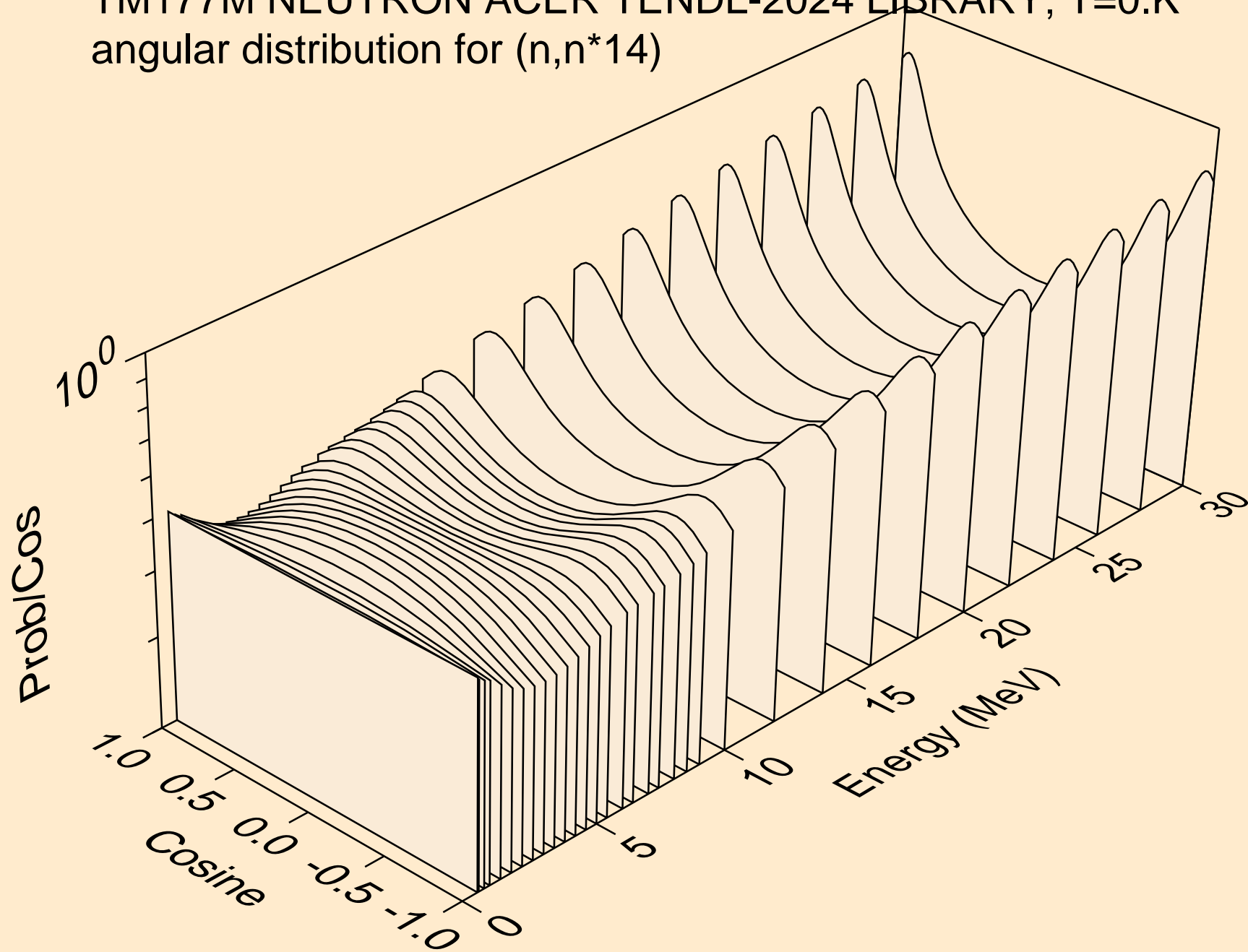
TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



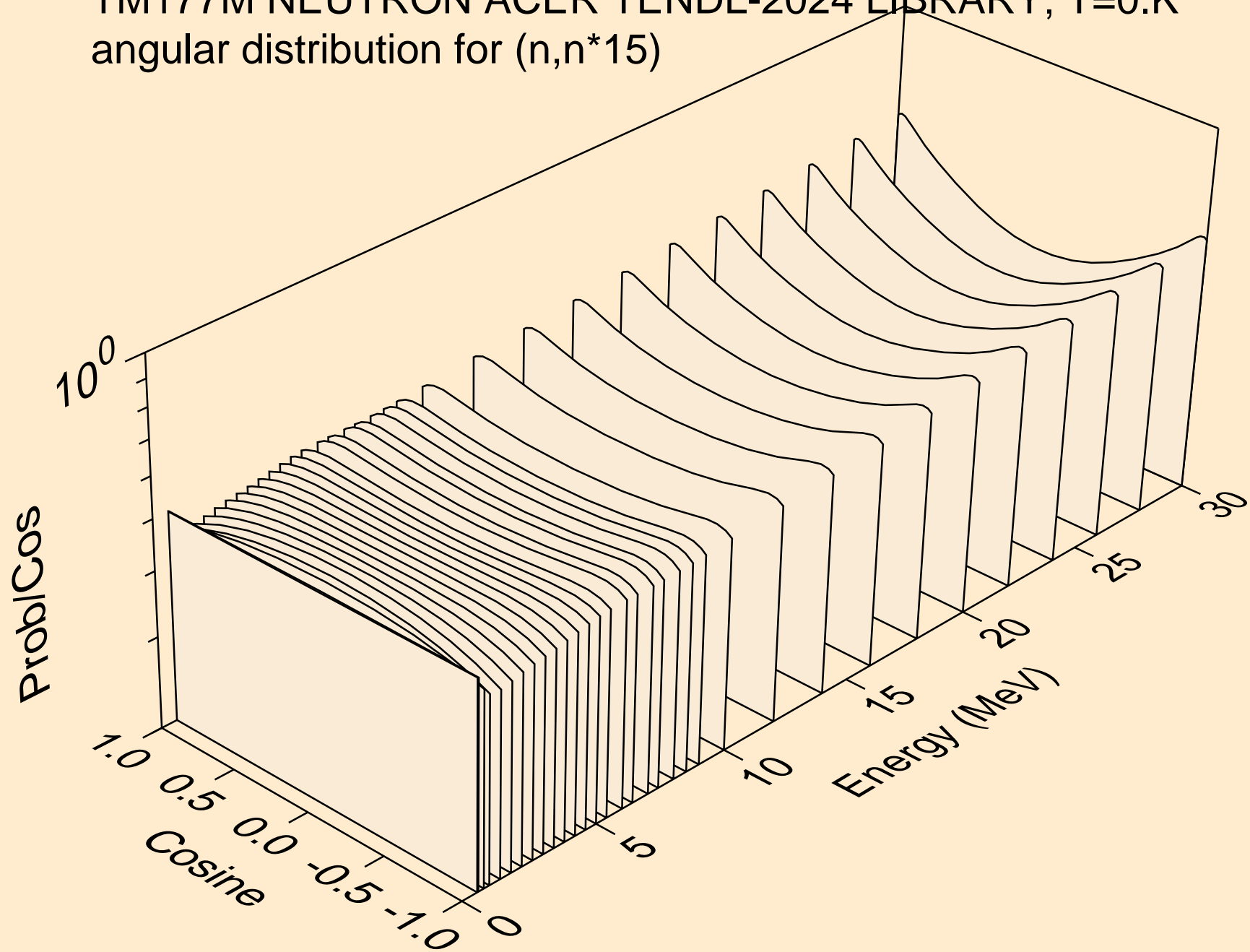
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angular distribution for (n,n\*13)



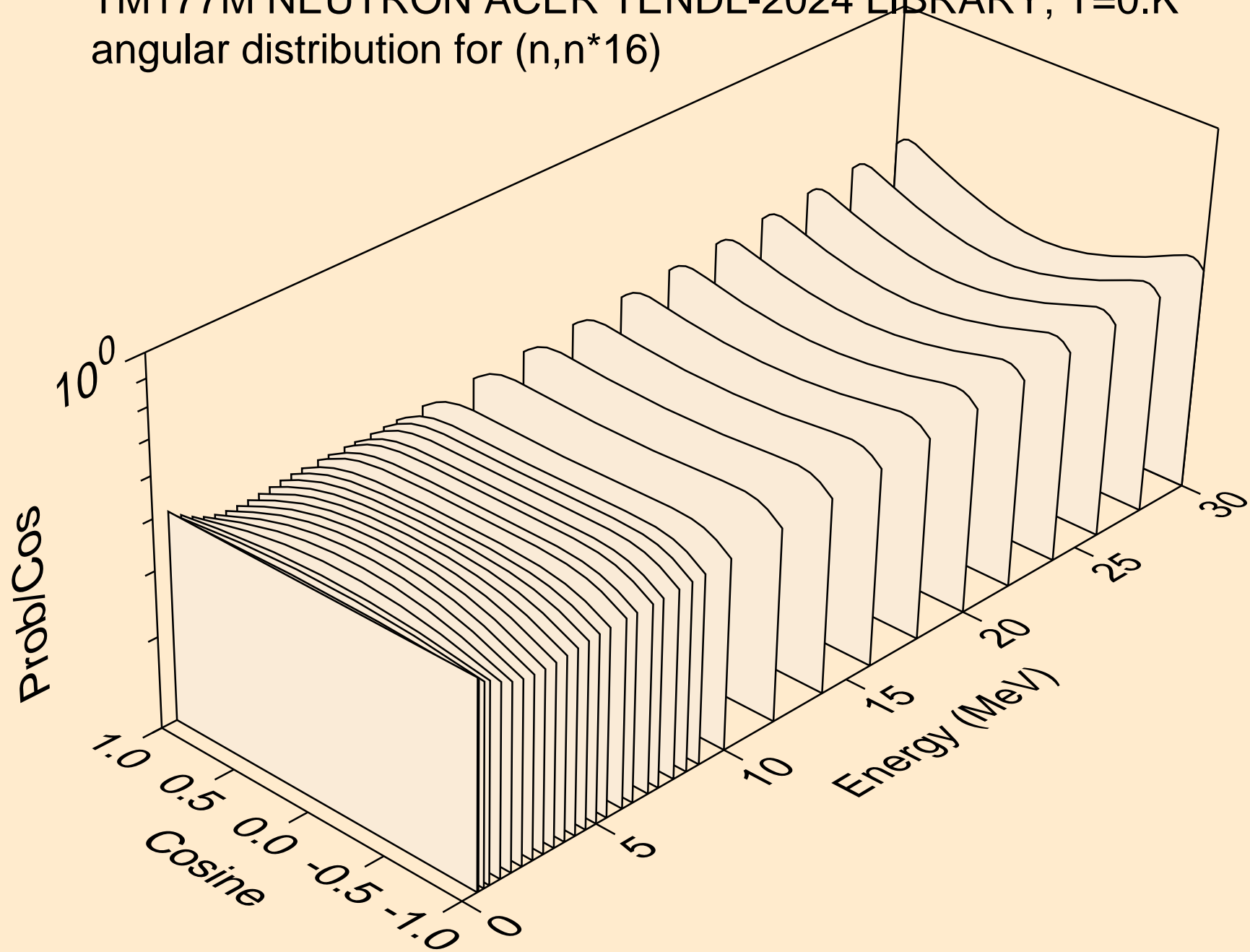
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angular distribution for (n,n\*14)



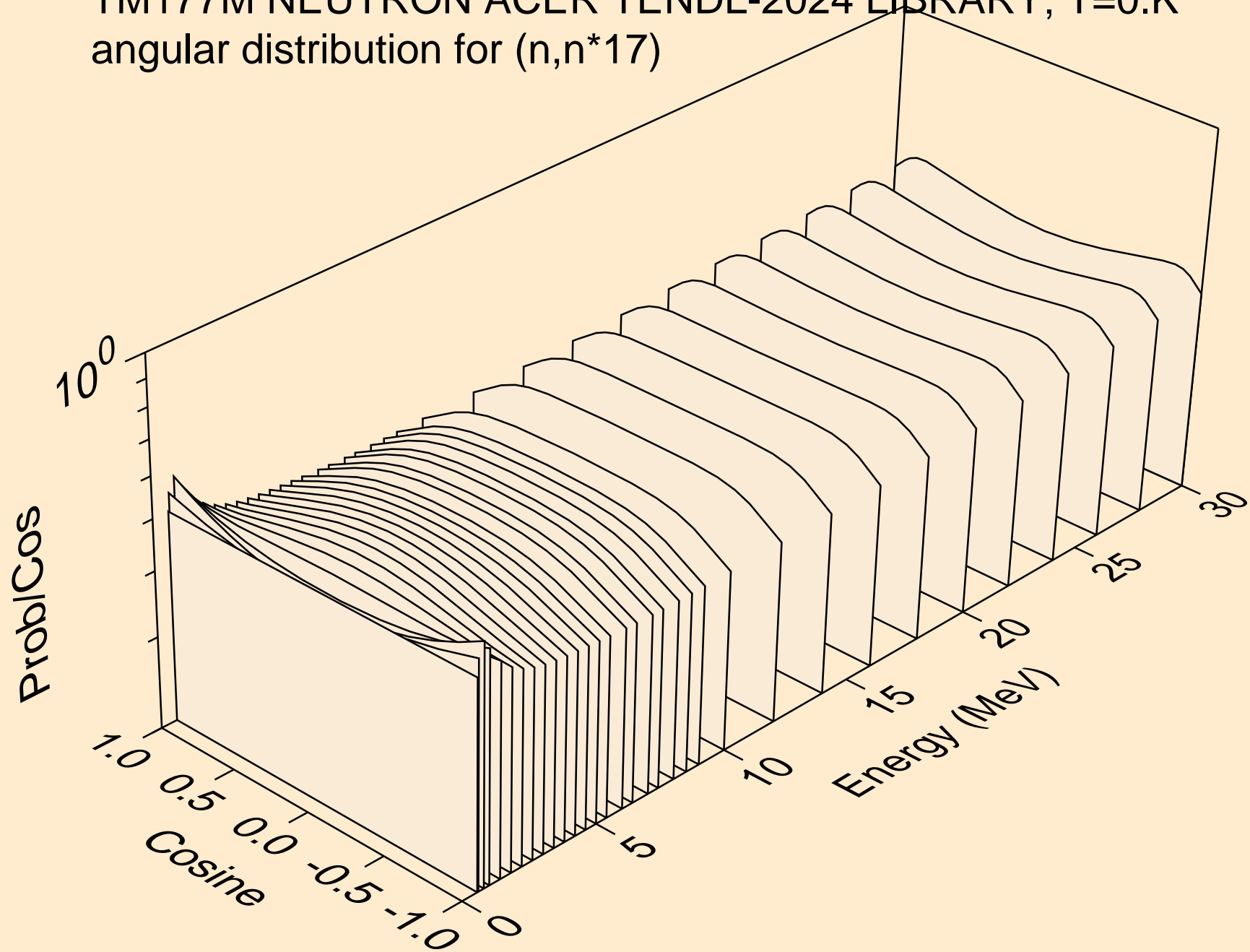
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angular distribution for (n,n\*15)



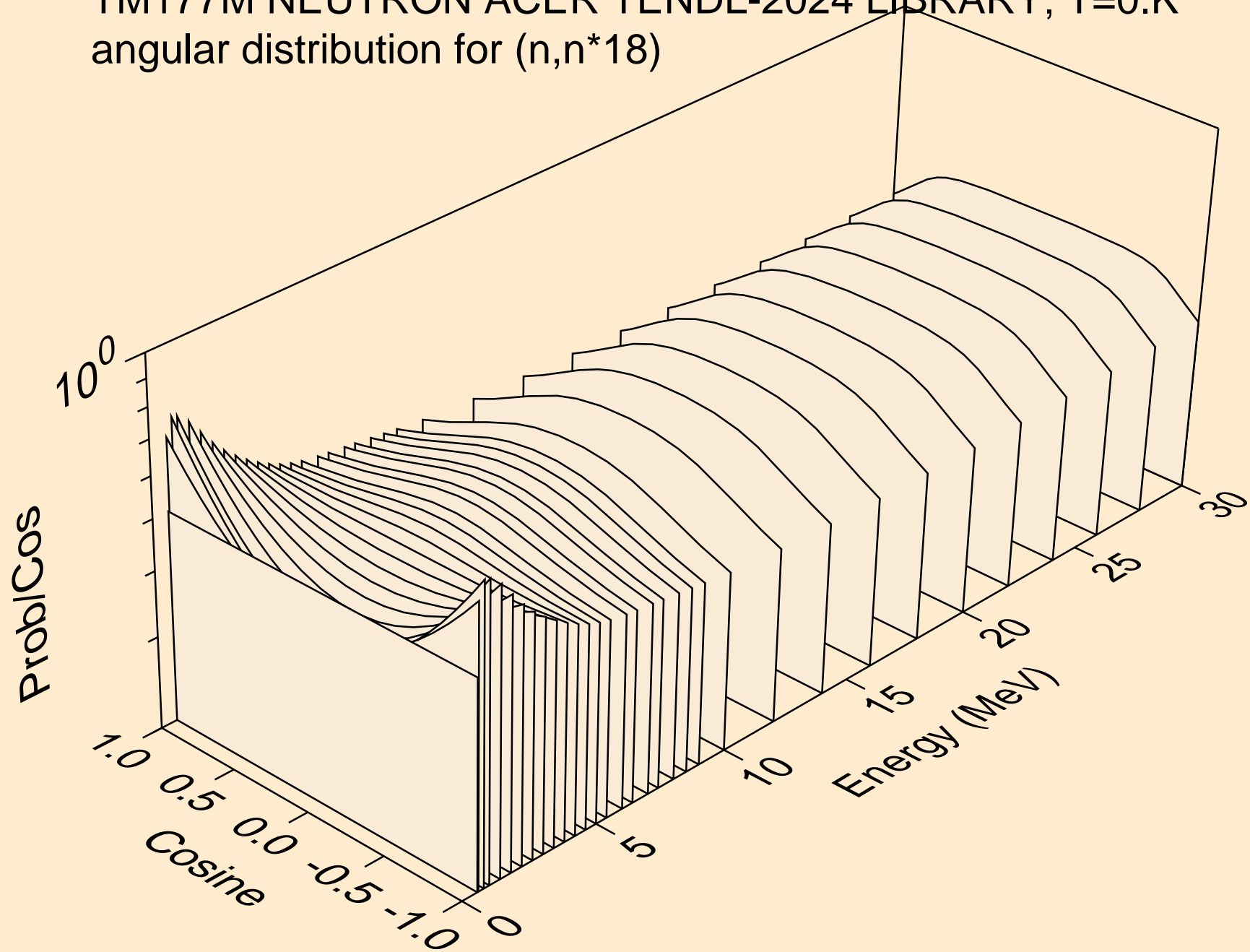
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angular distribution for (n,n\*16)



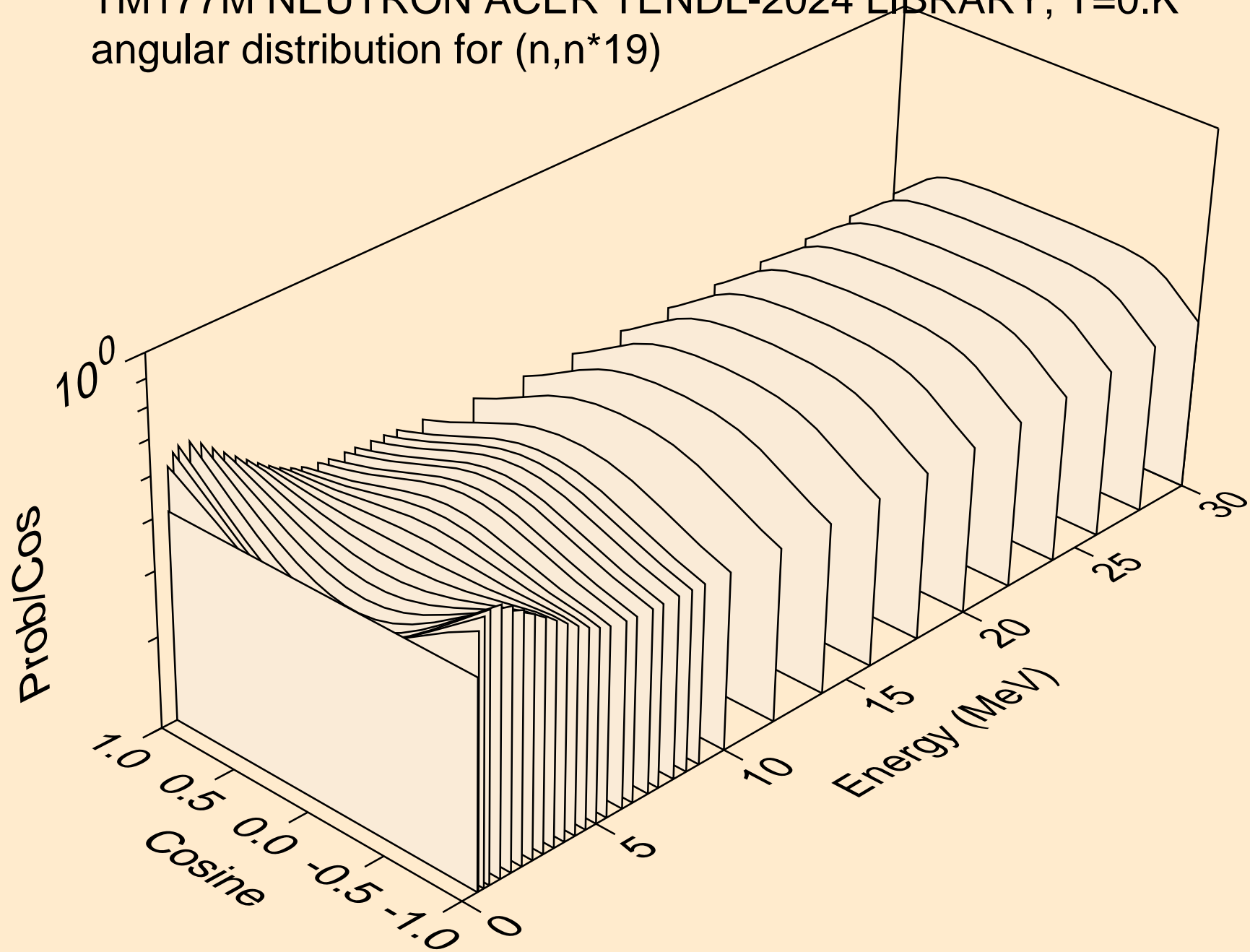
TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)

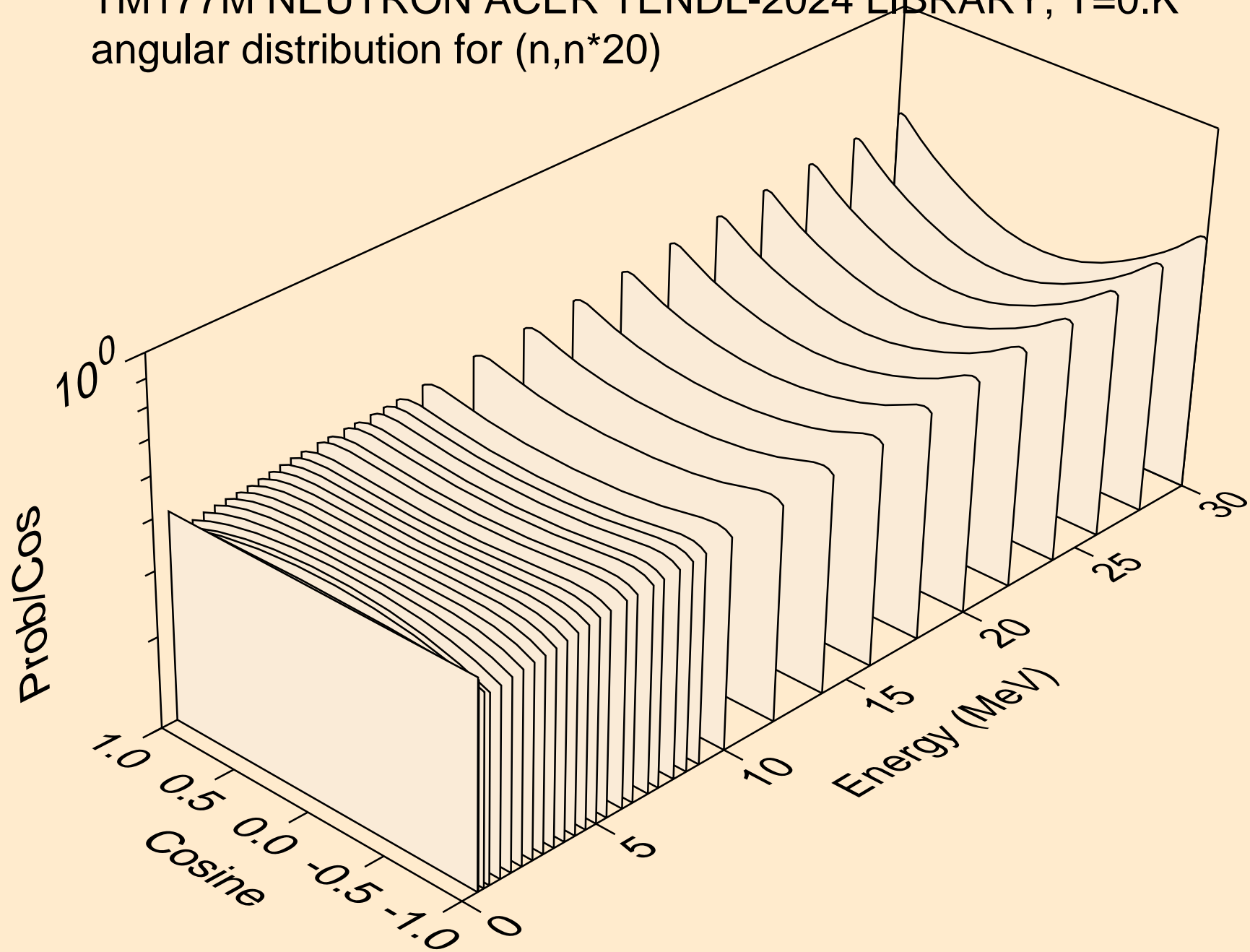


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angular distribution for (n,n\*19)

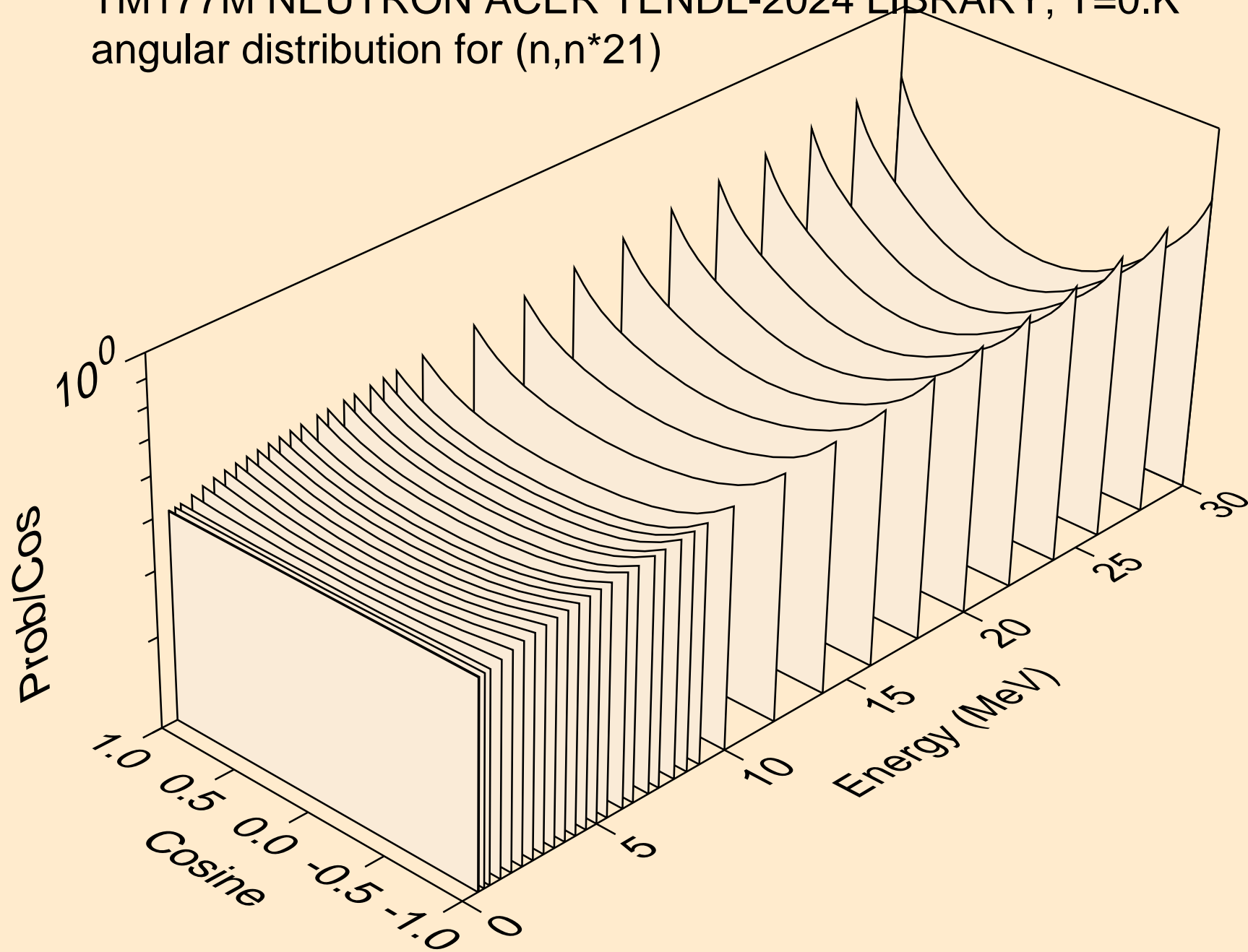




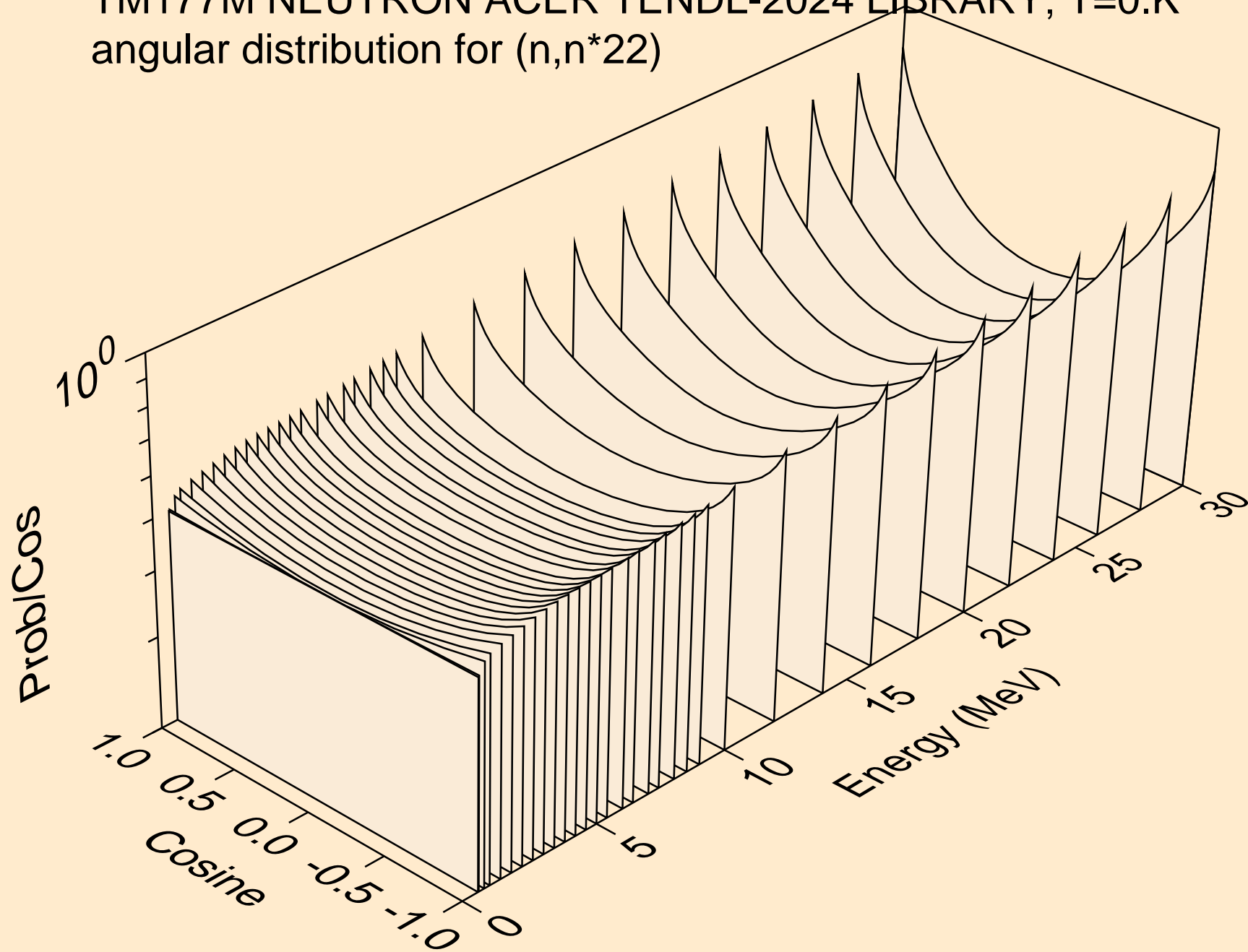
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angular distribution for (n,n\*20)



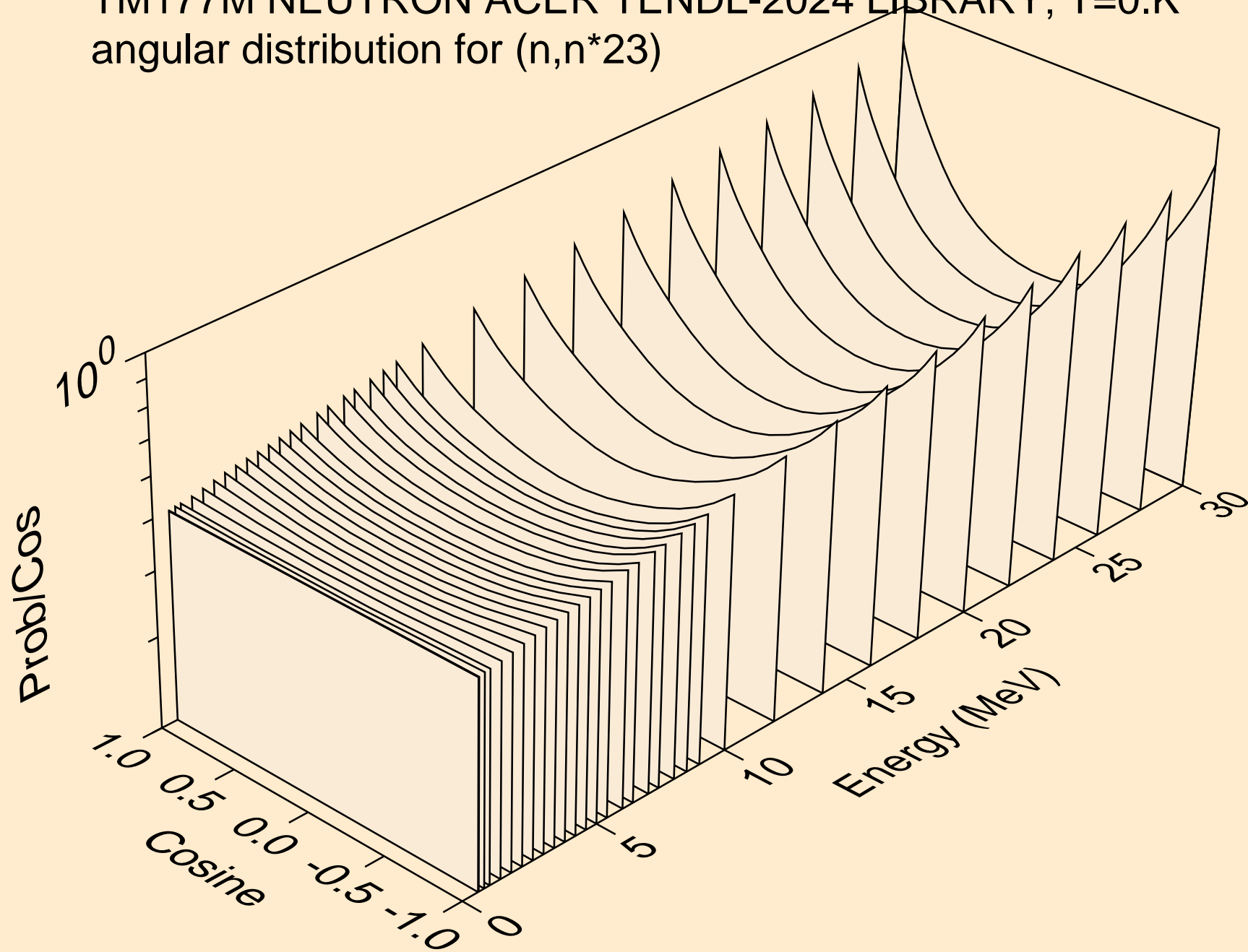
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angular distribution for (n,n\*21)



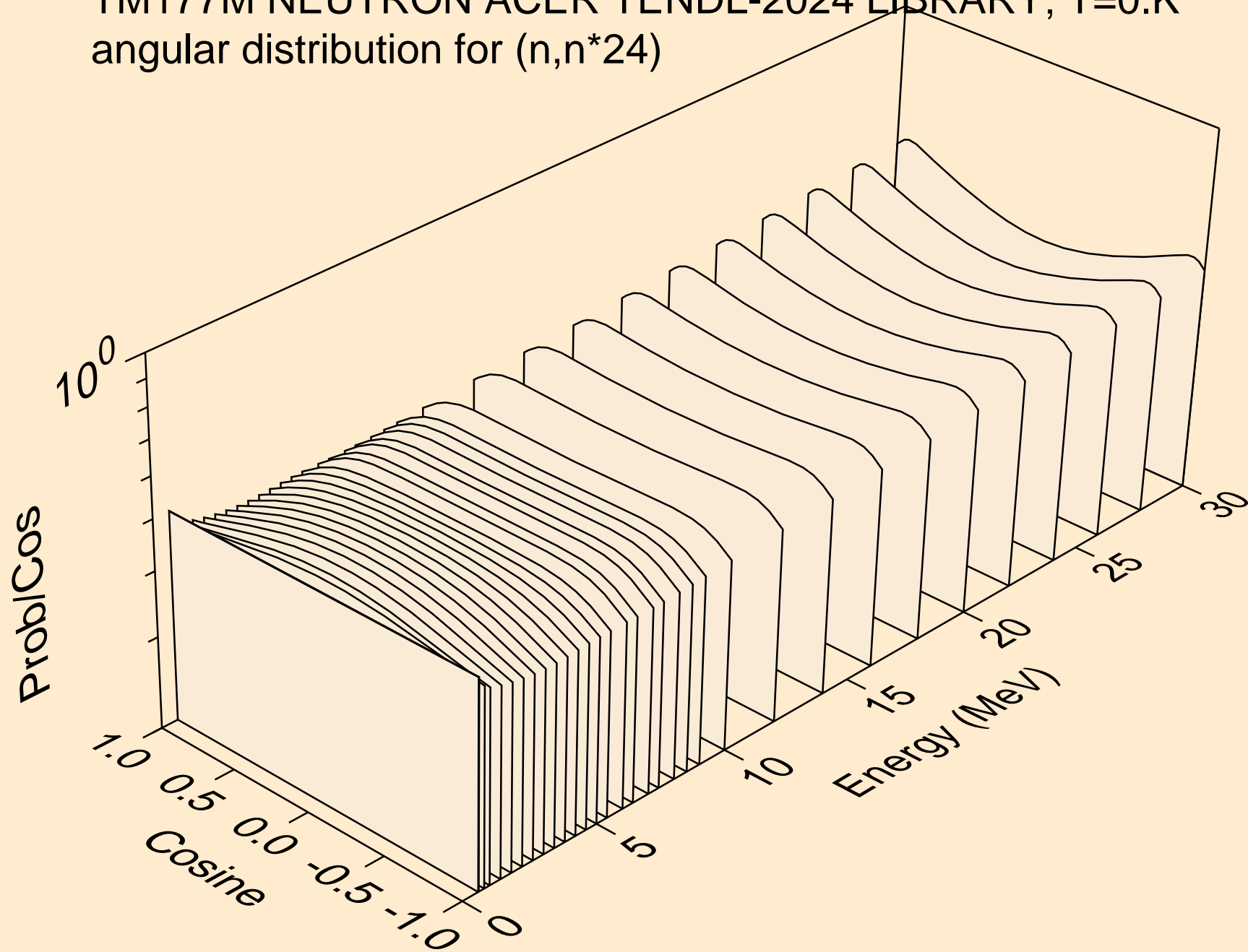
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angular distribution for (n,n\*22)



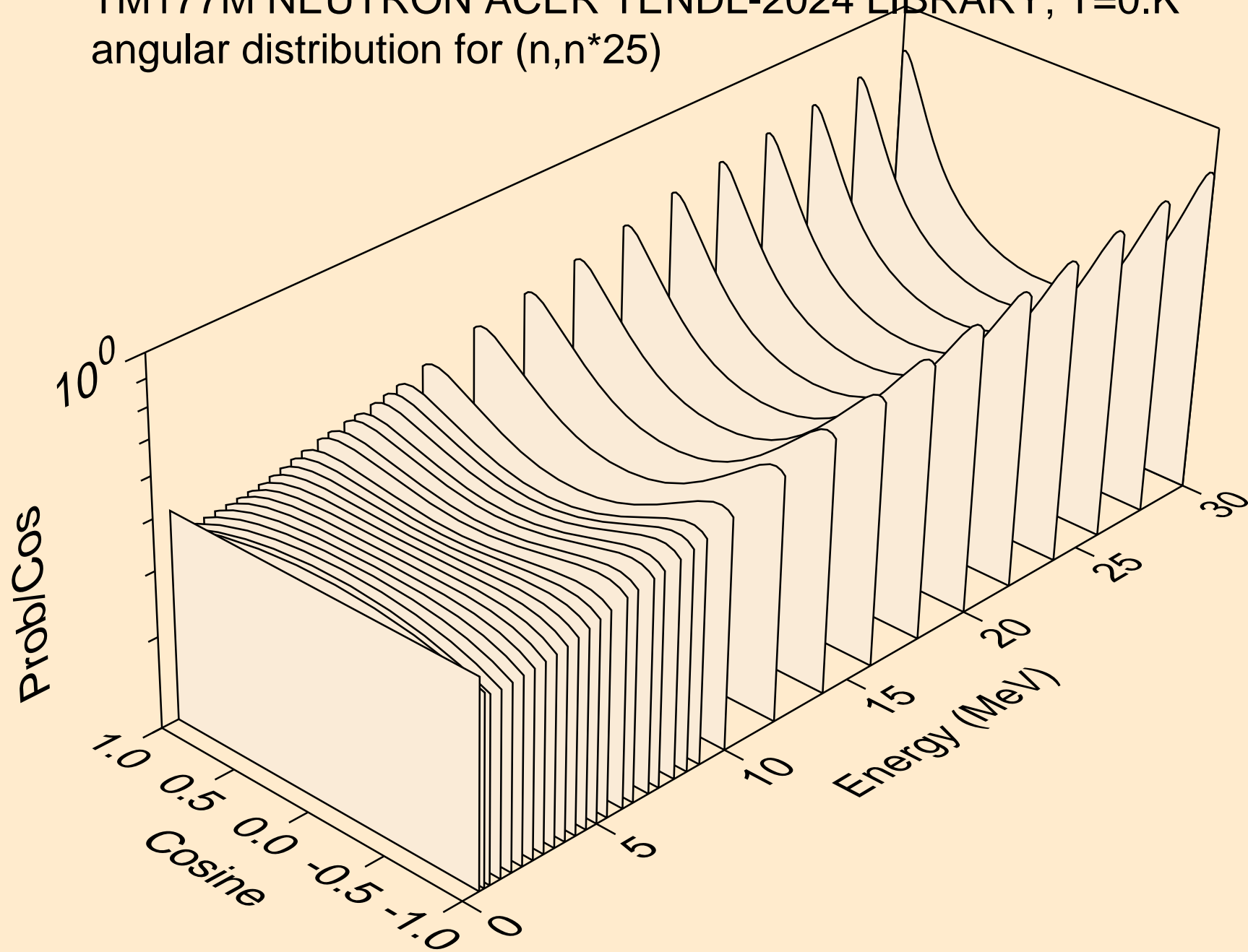
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angular distribution for (n,n\*23)



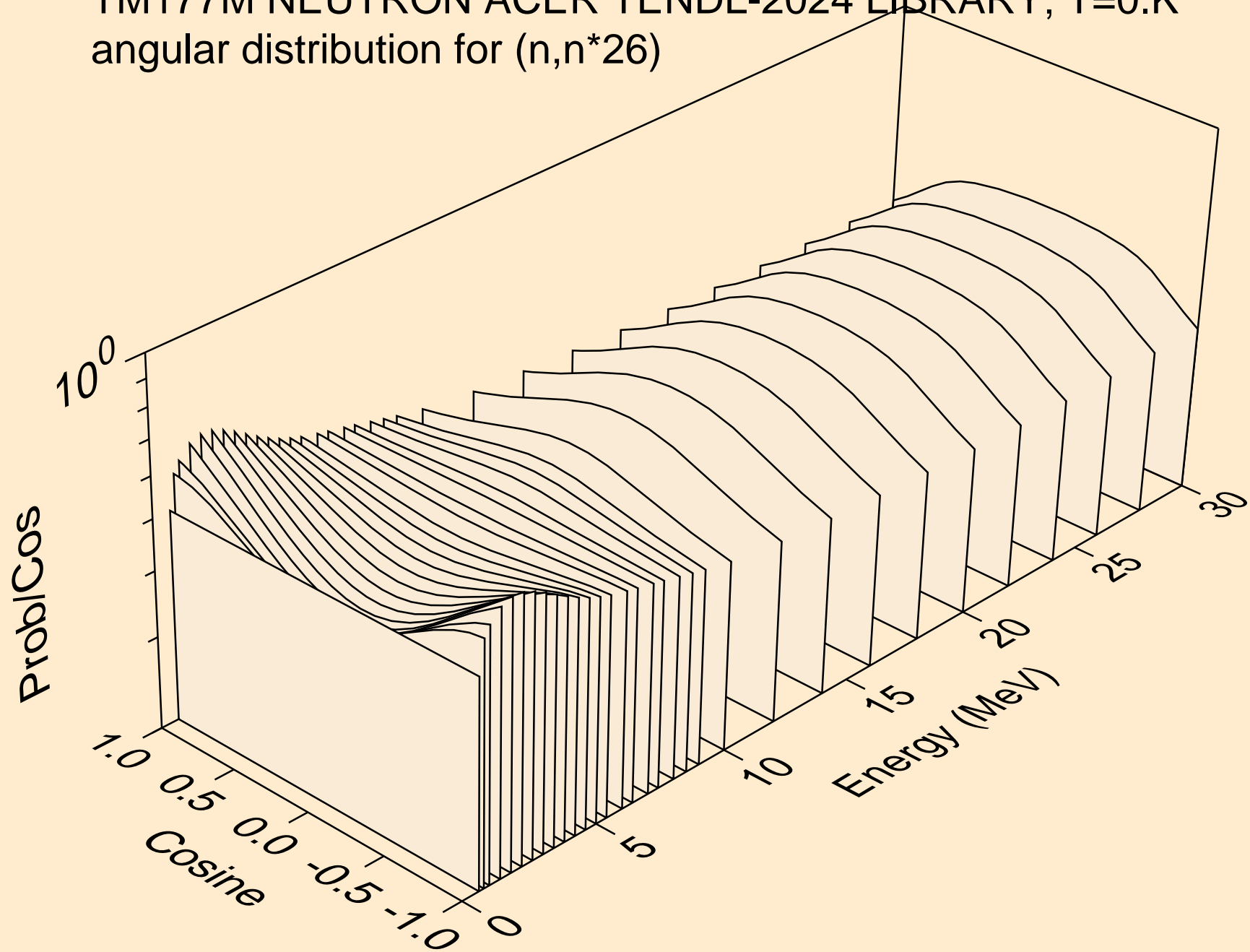
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angular distribution for (n,n\*24)



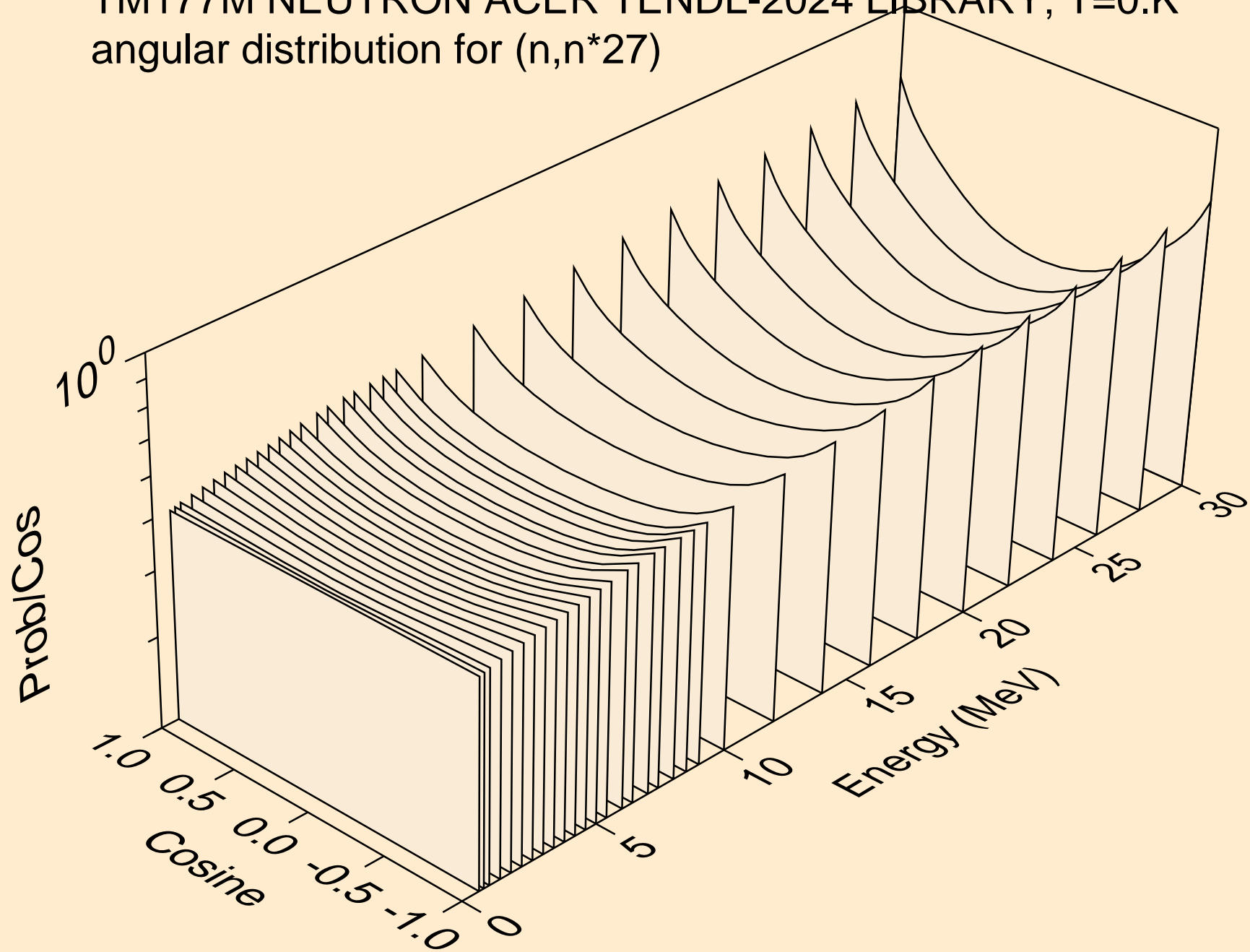
TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)

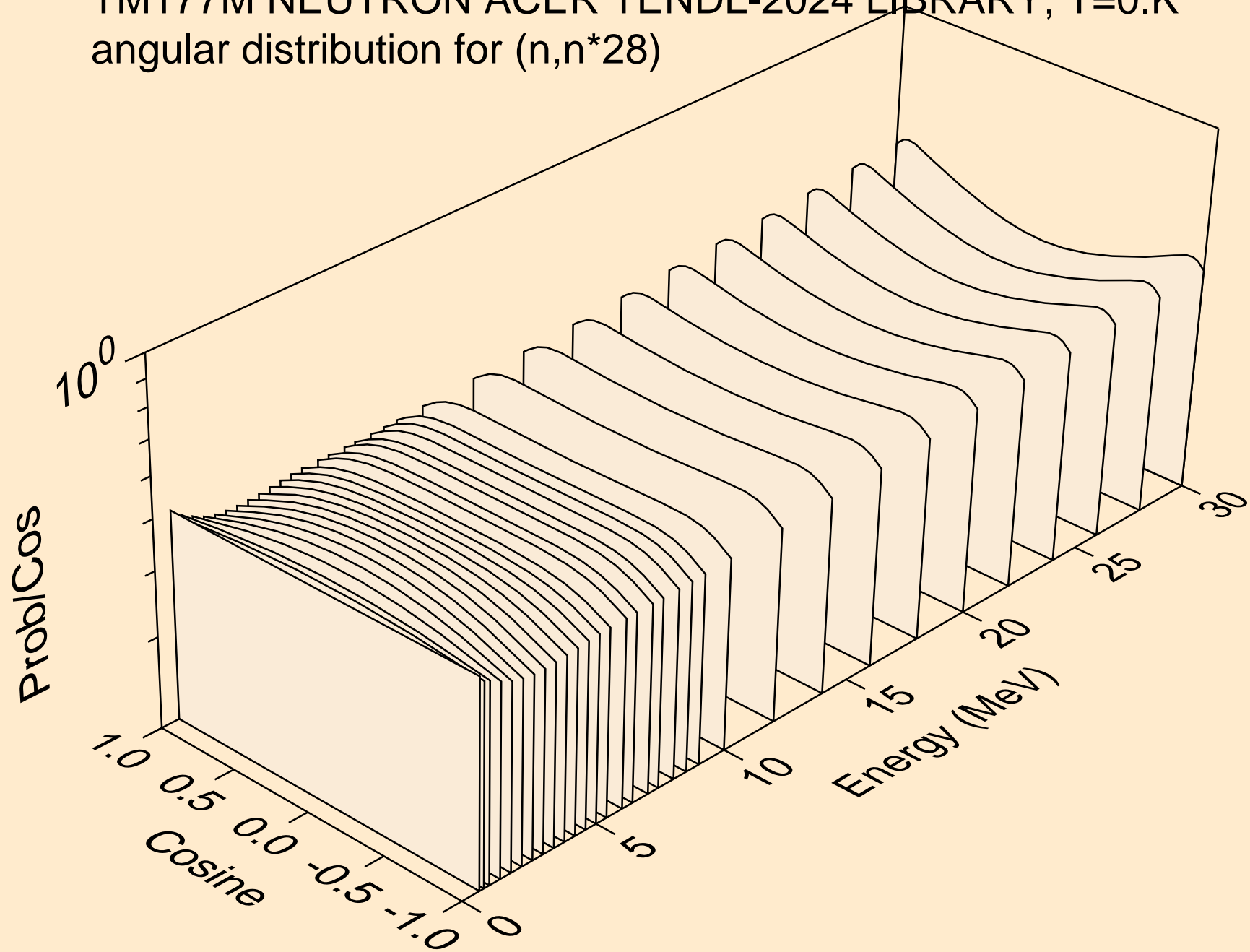


TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)

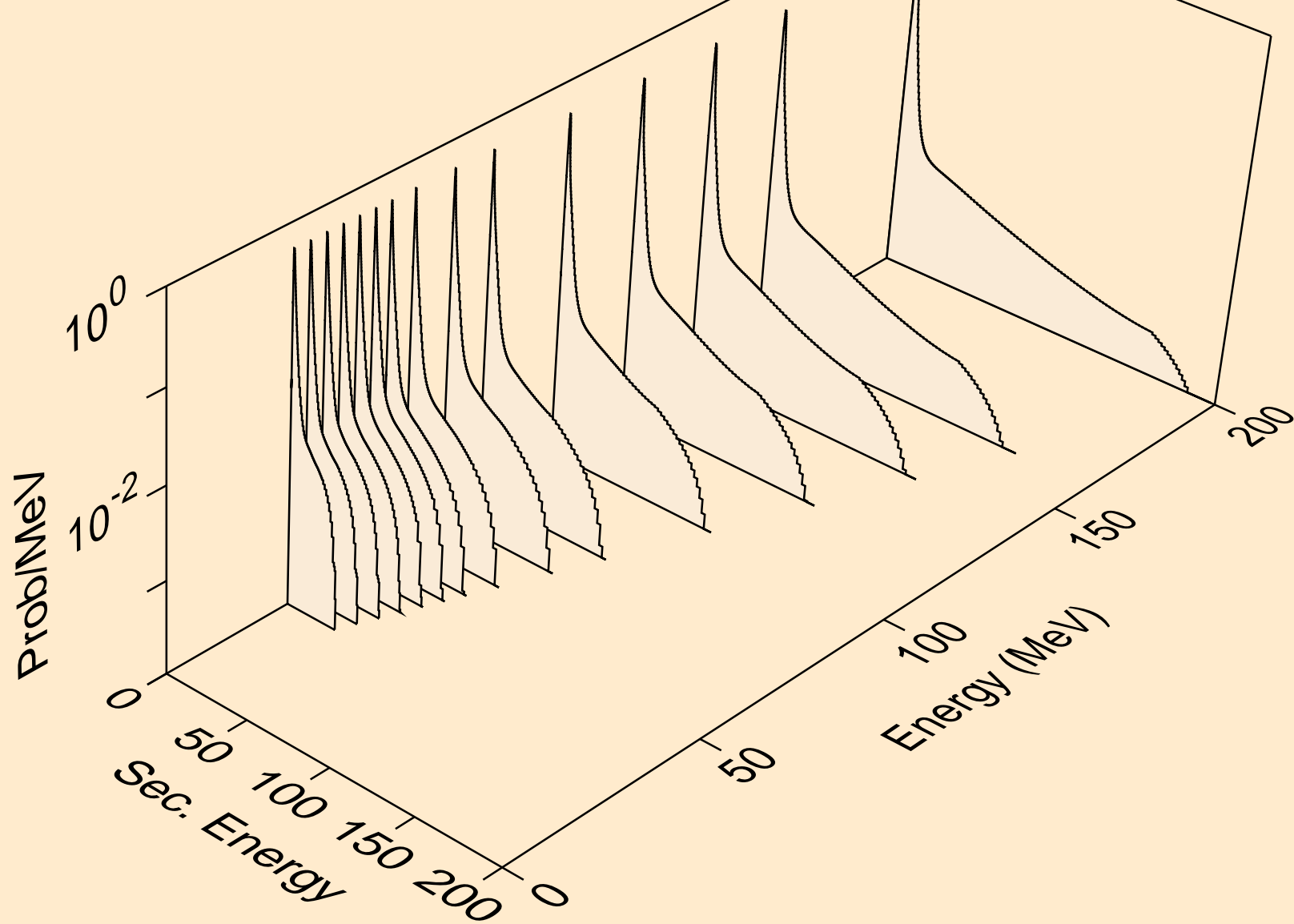




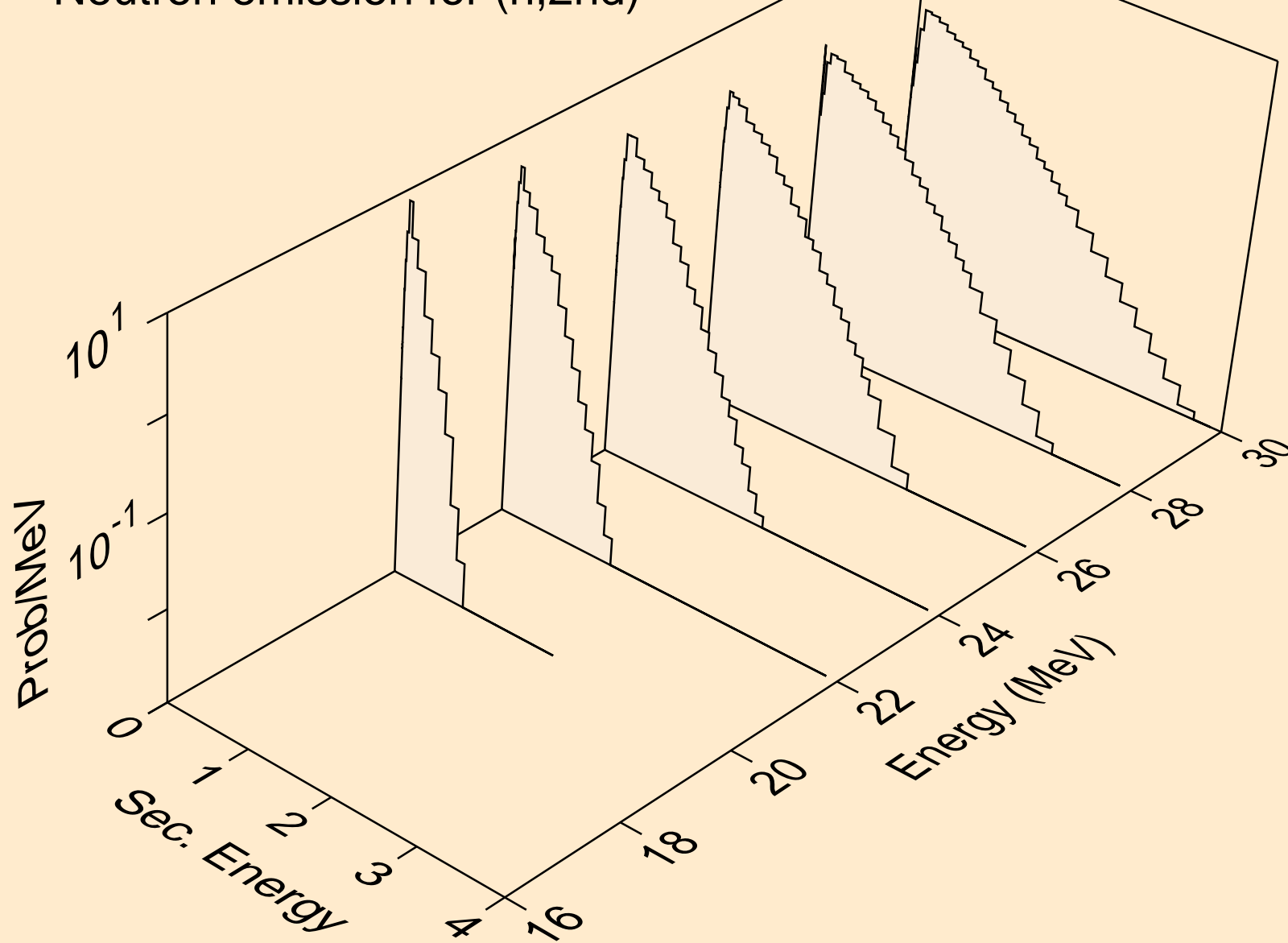
TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*28)



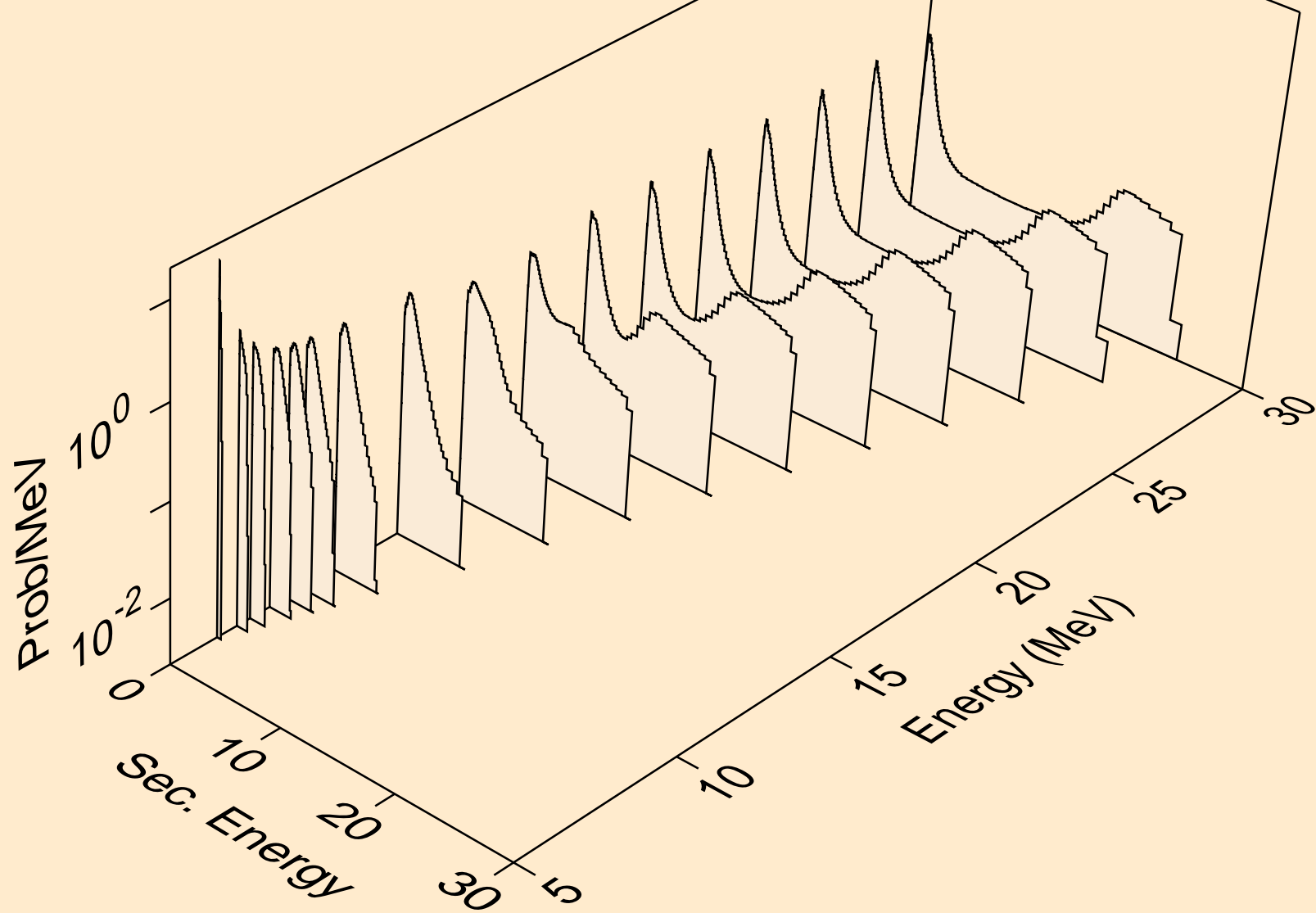
TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



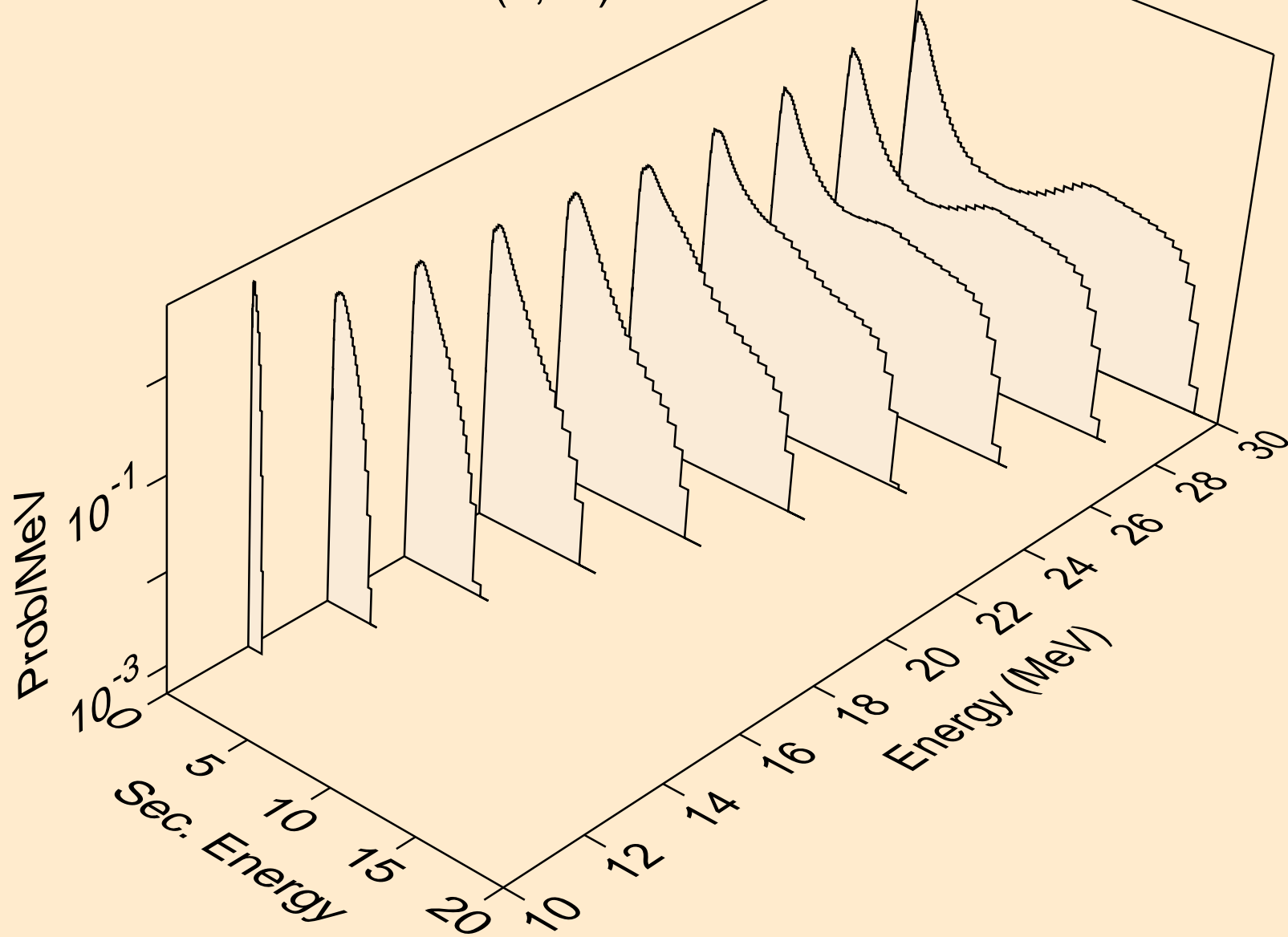
TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



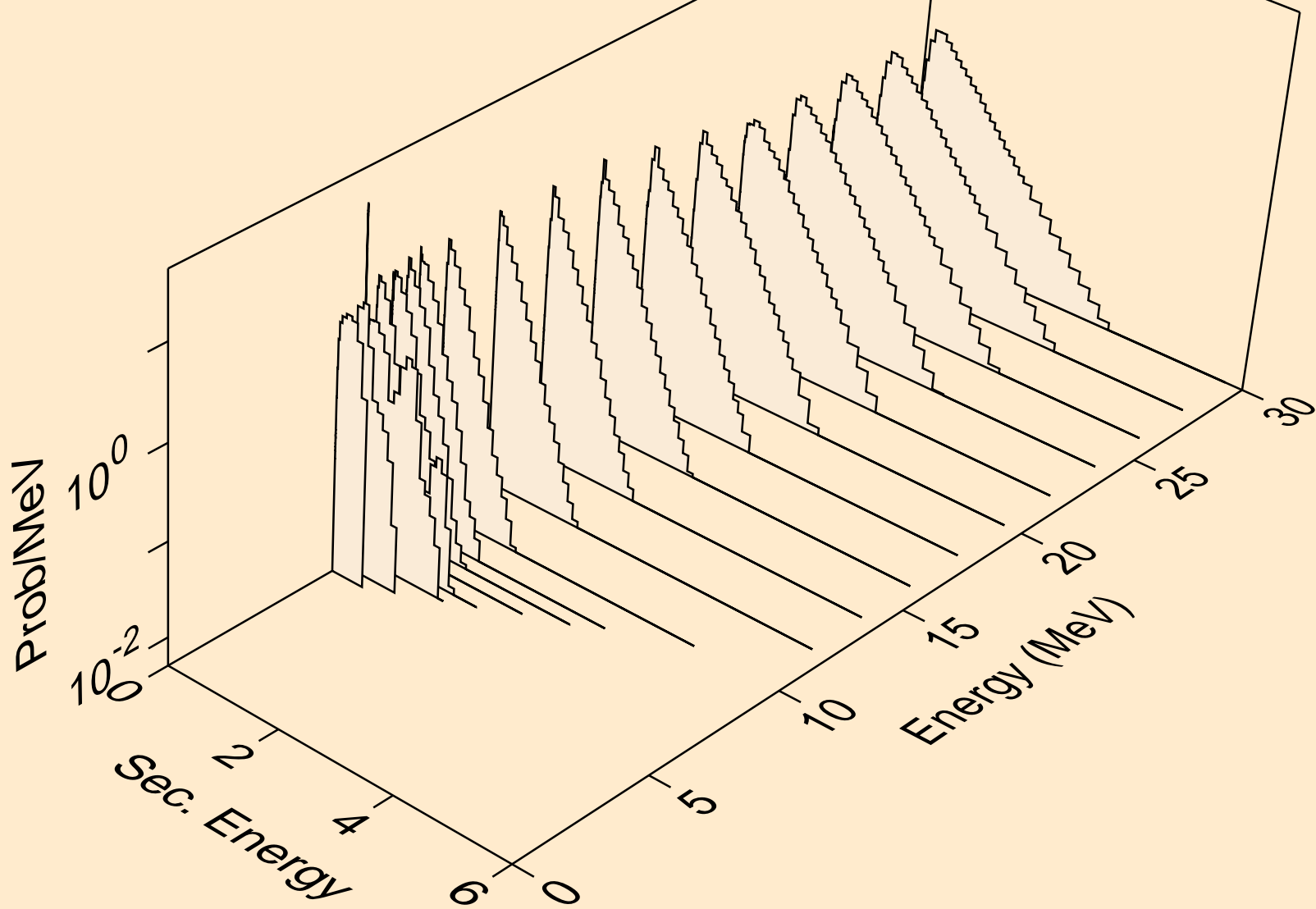
TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



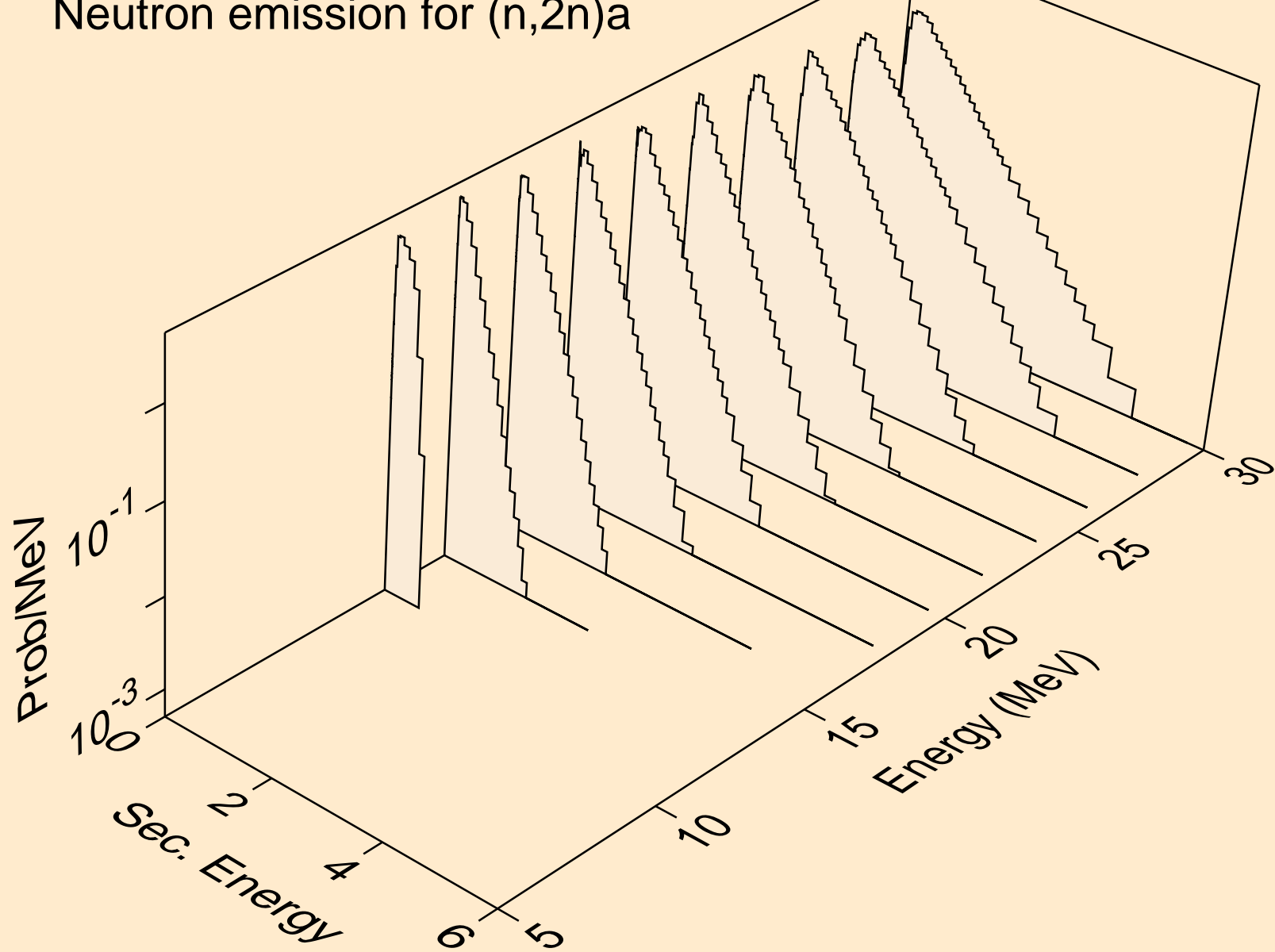
TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



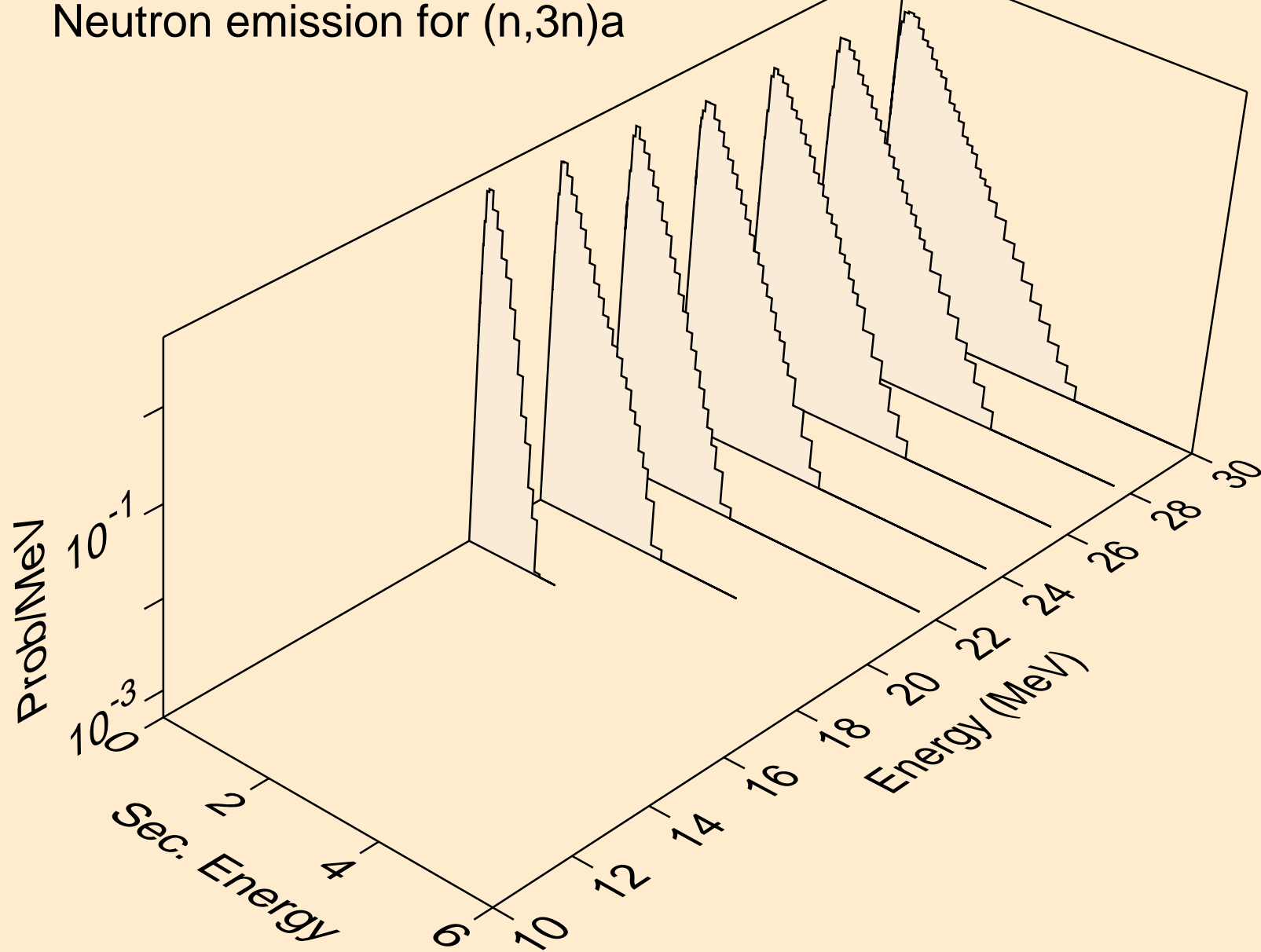
TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a

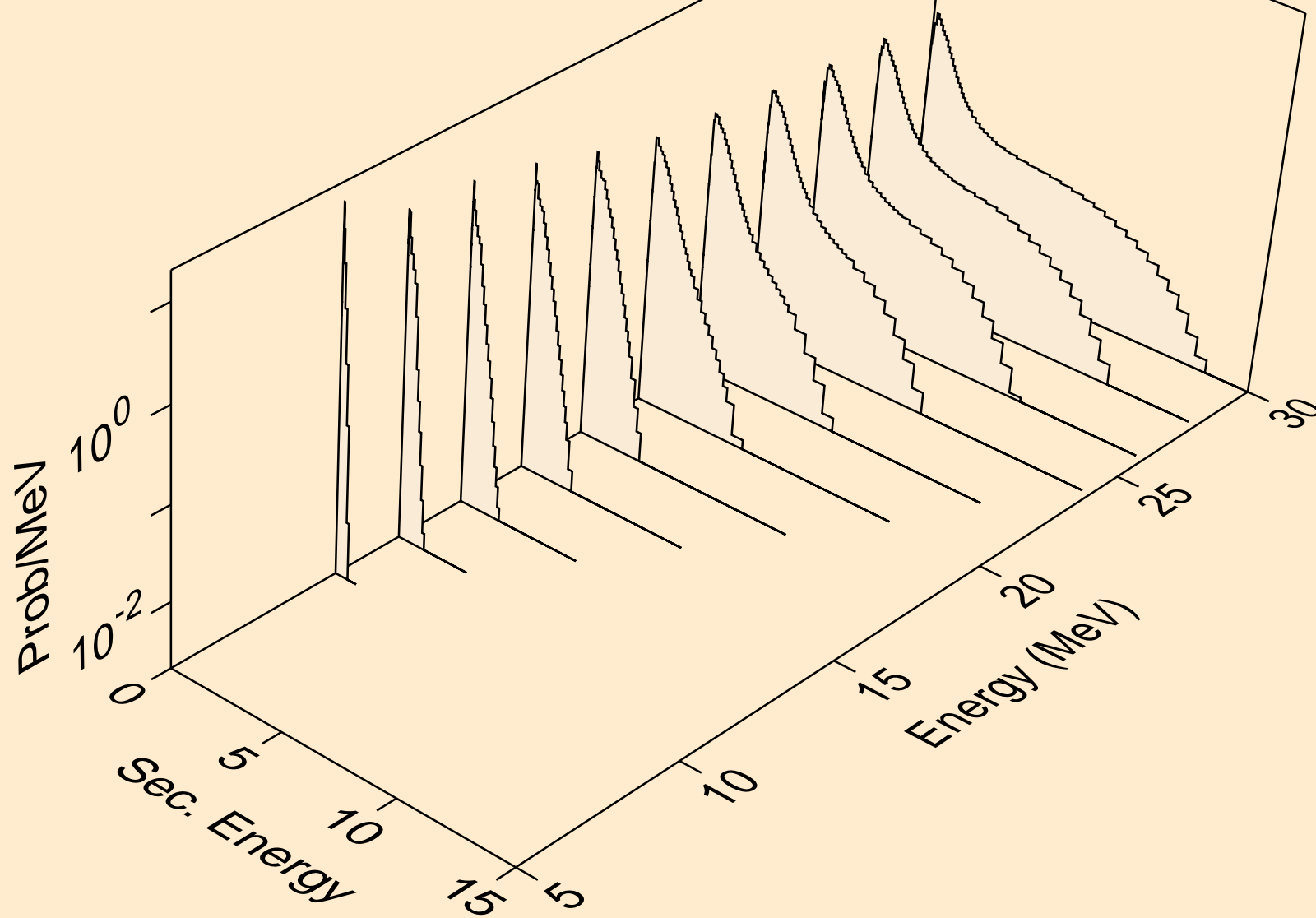


TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a

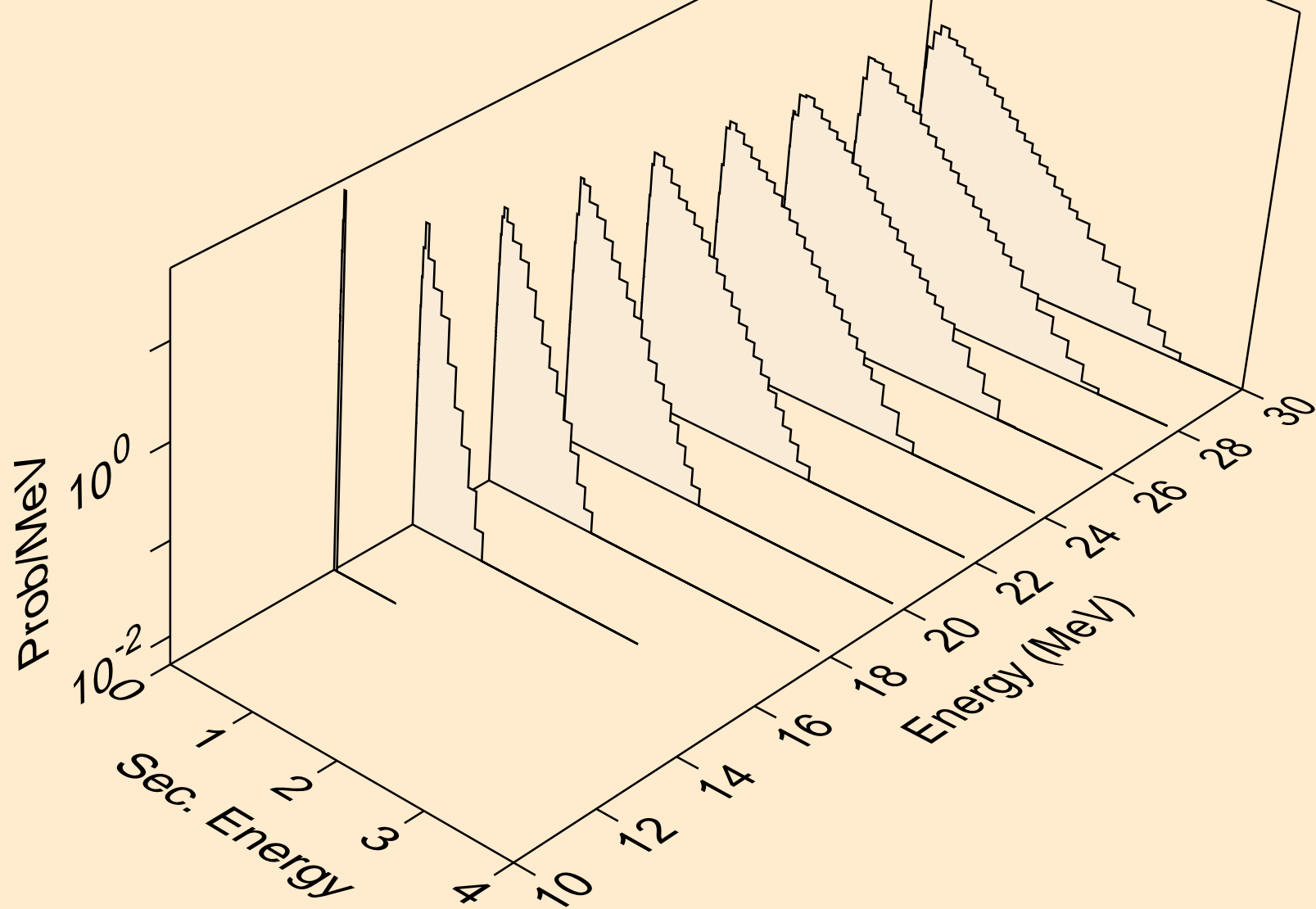




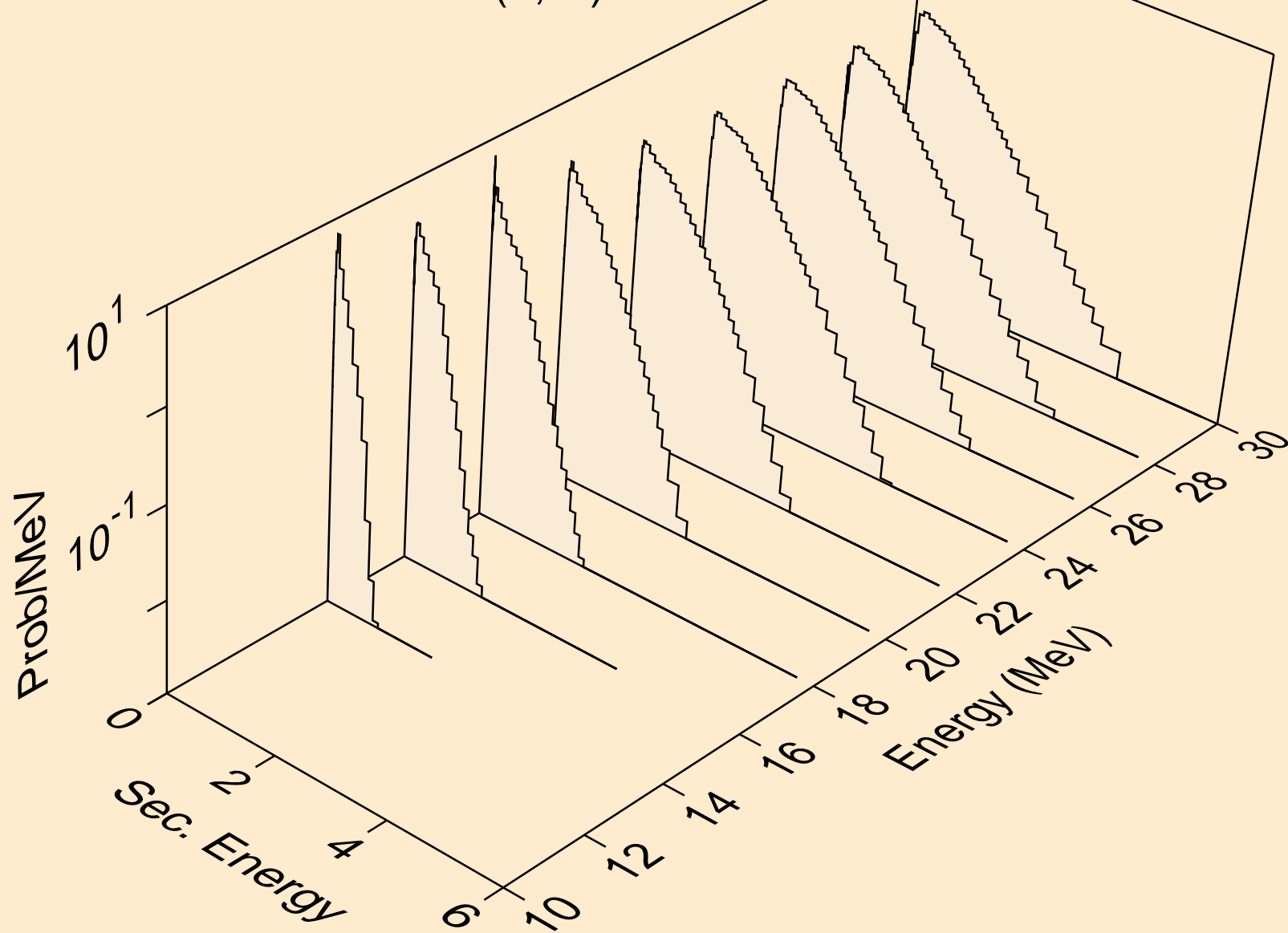
TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



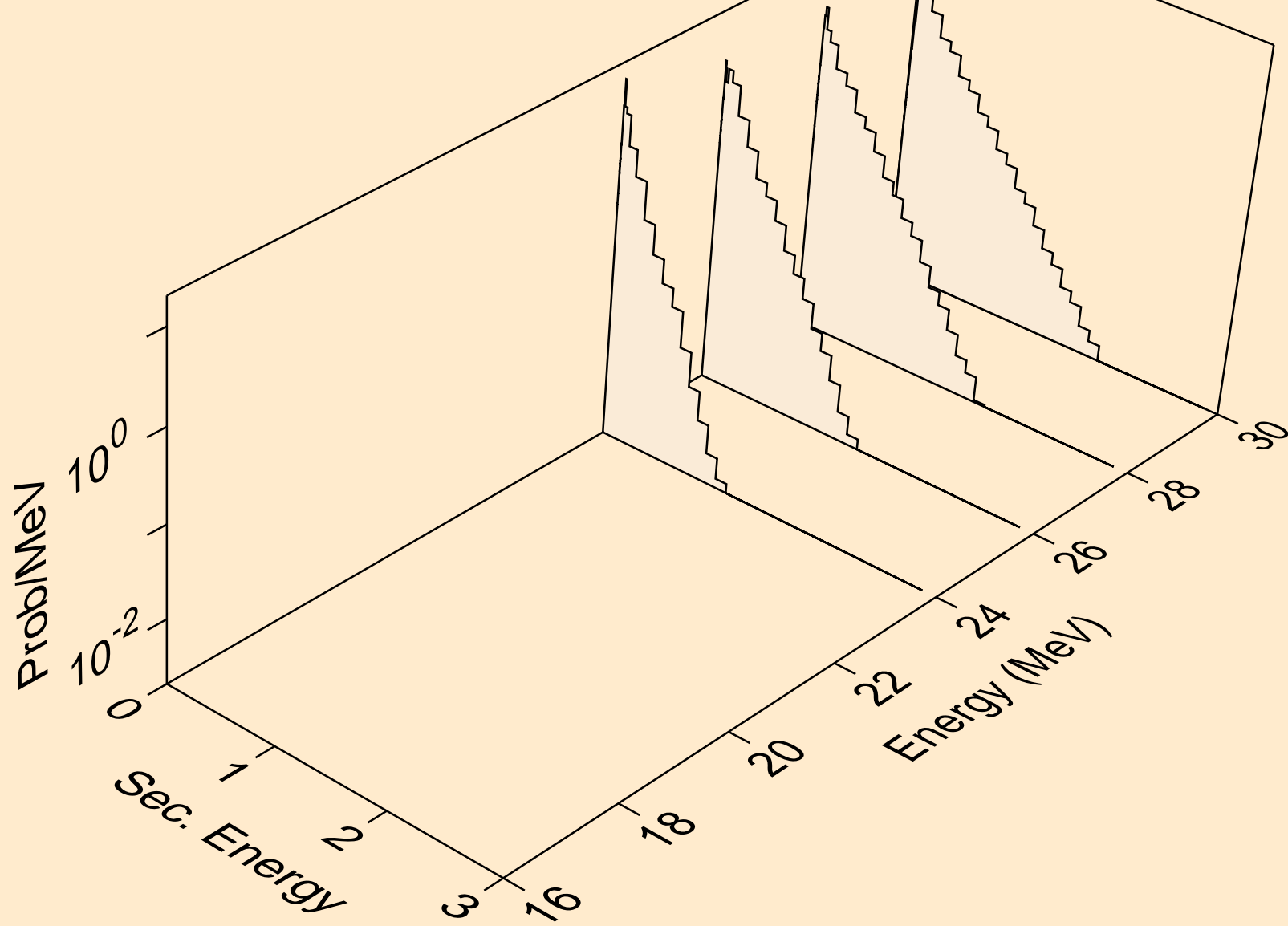
TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



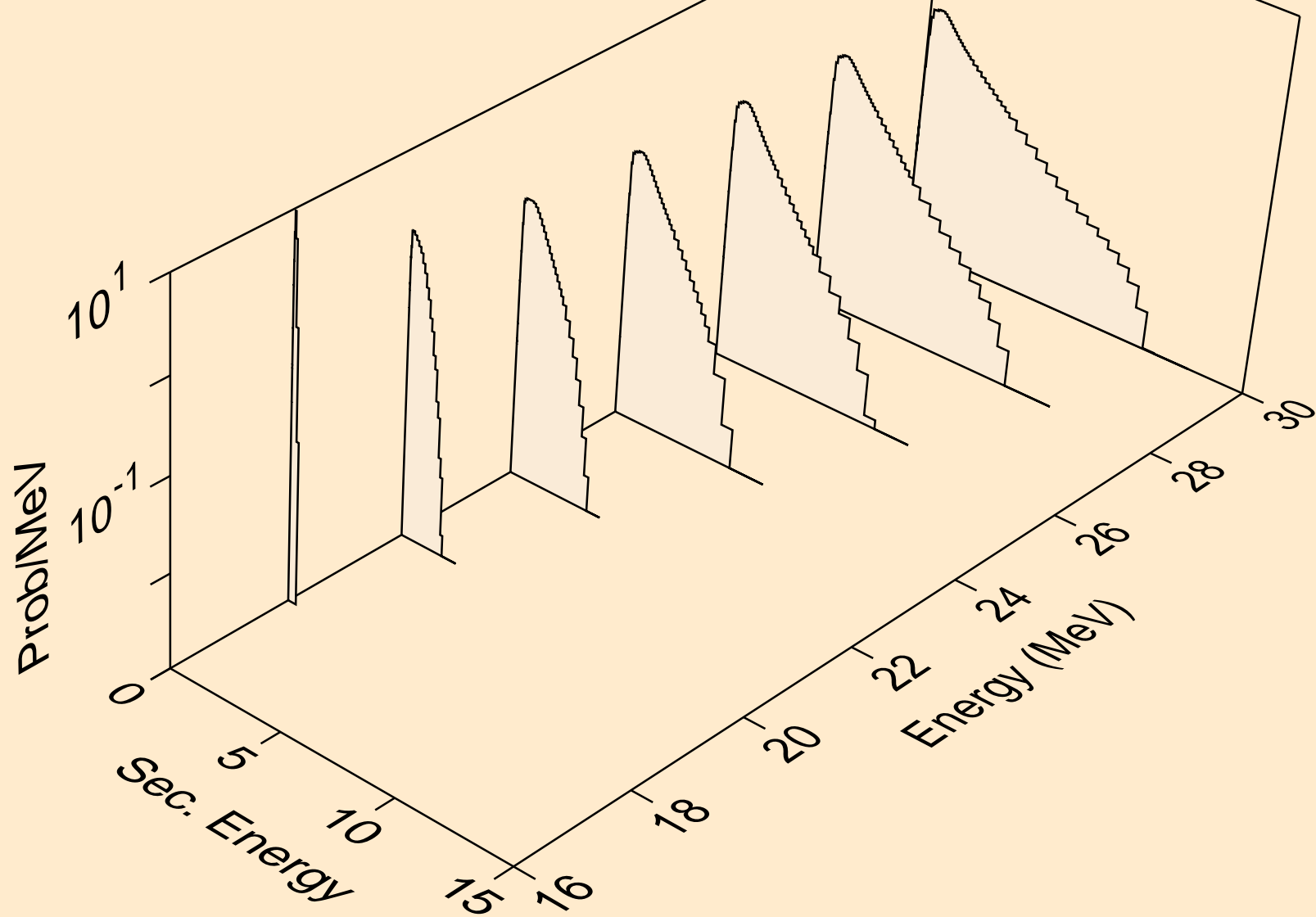
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Neutron emission for (n,n\*)t



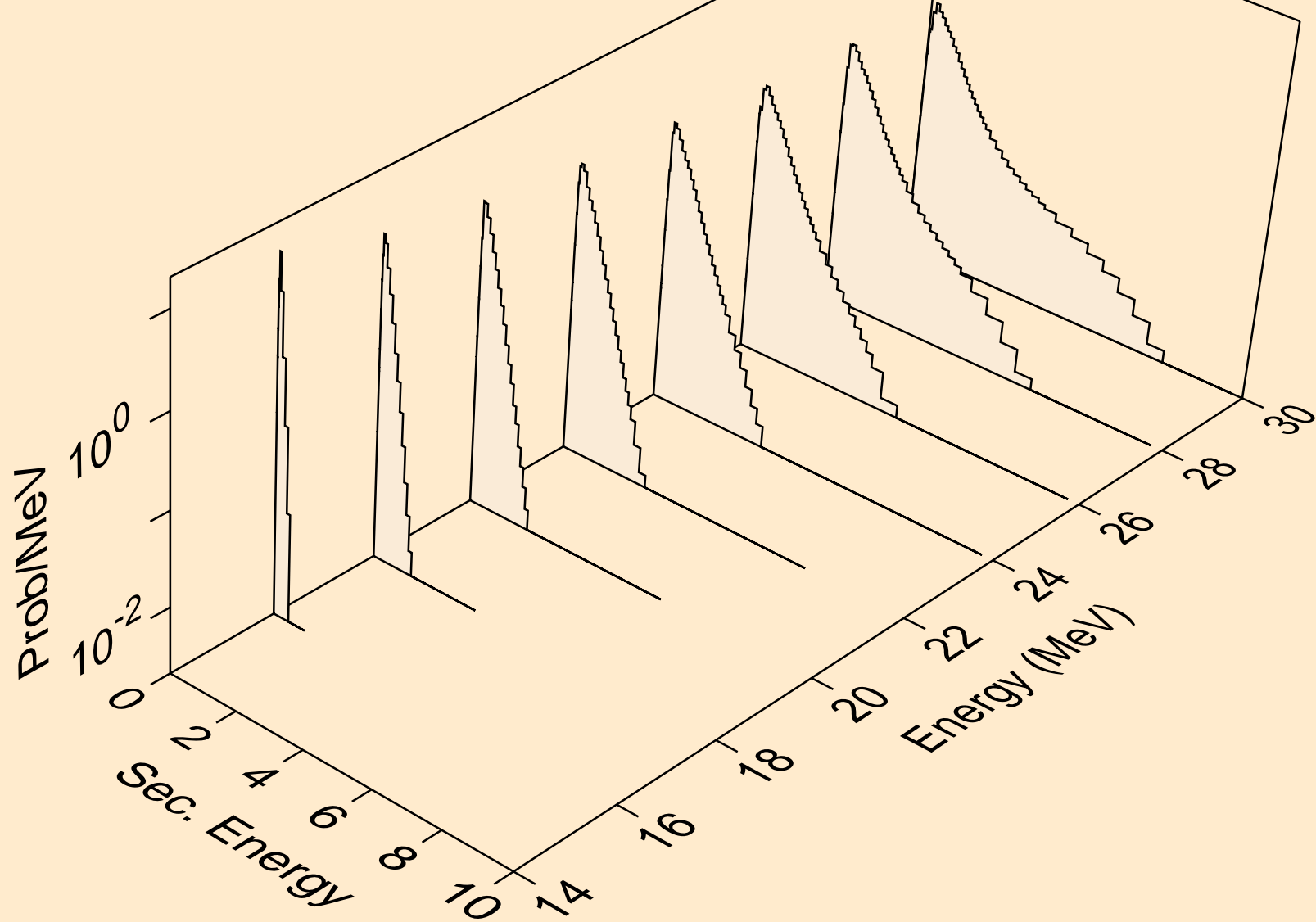
TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



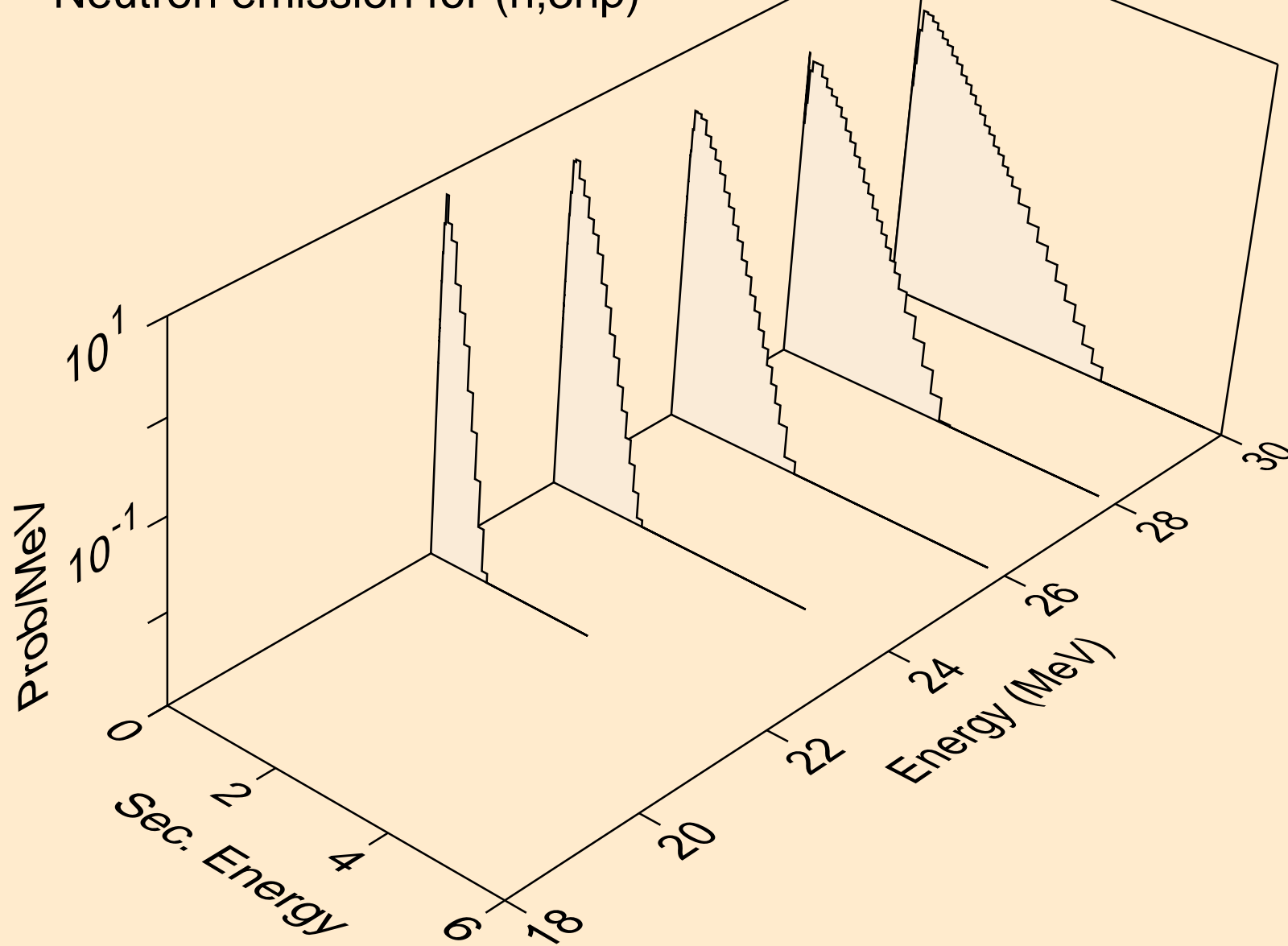
TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



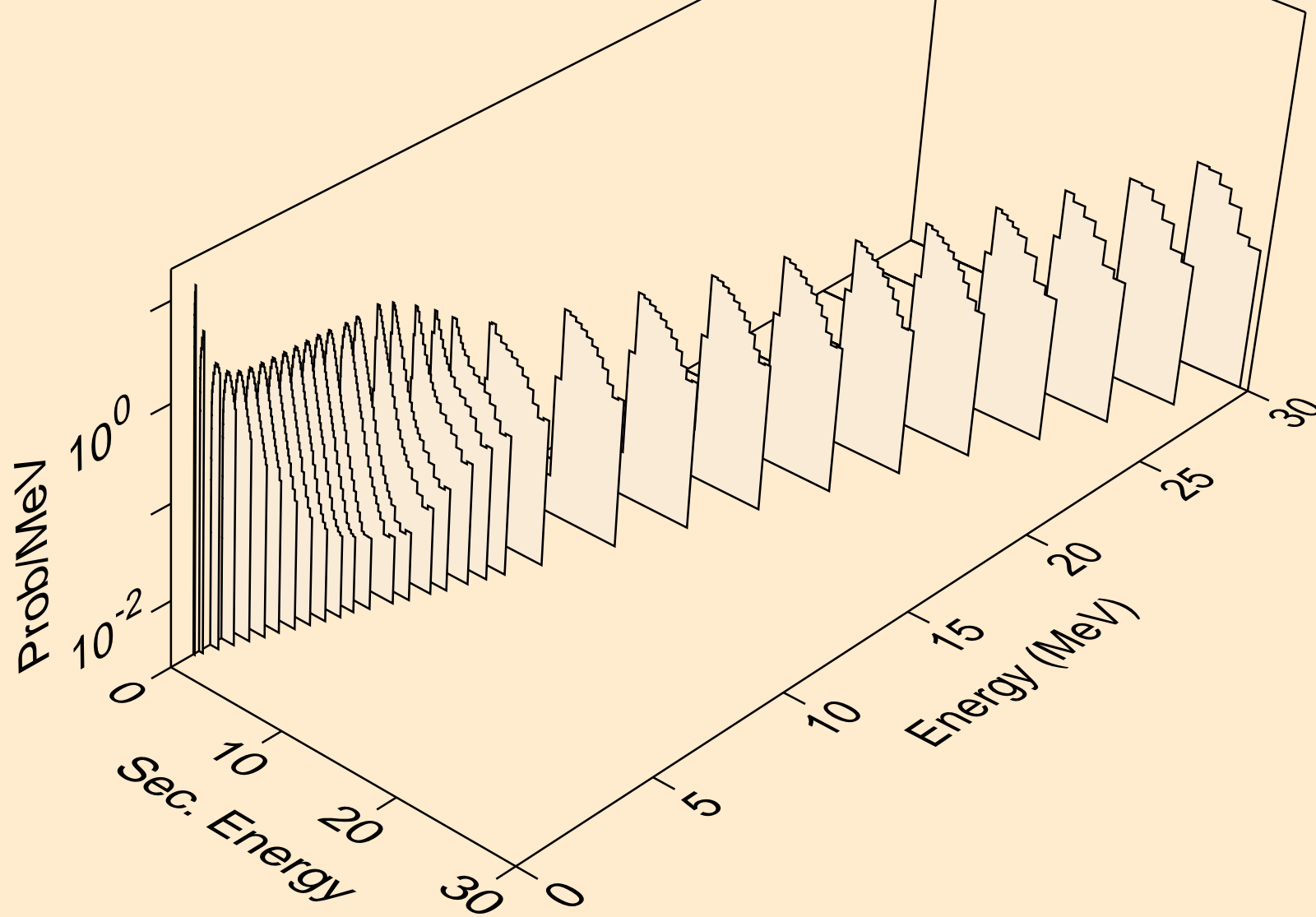
TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)

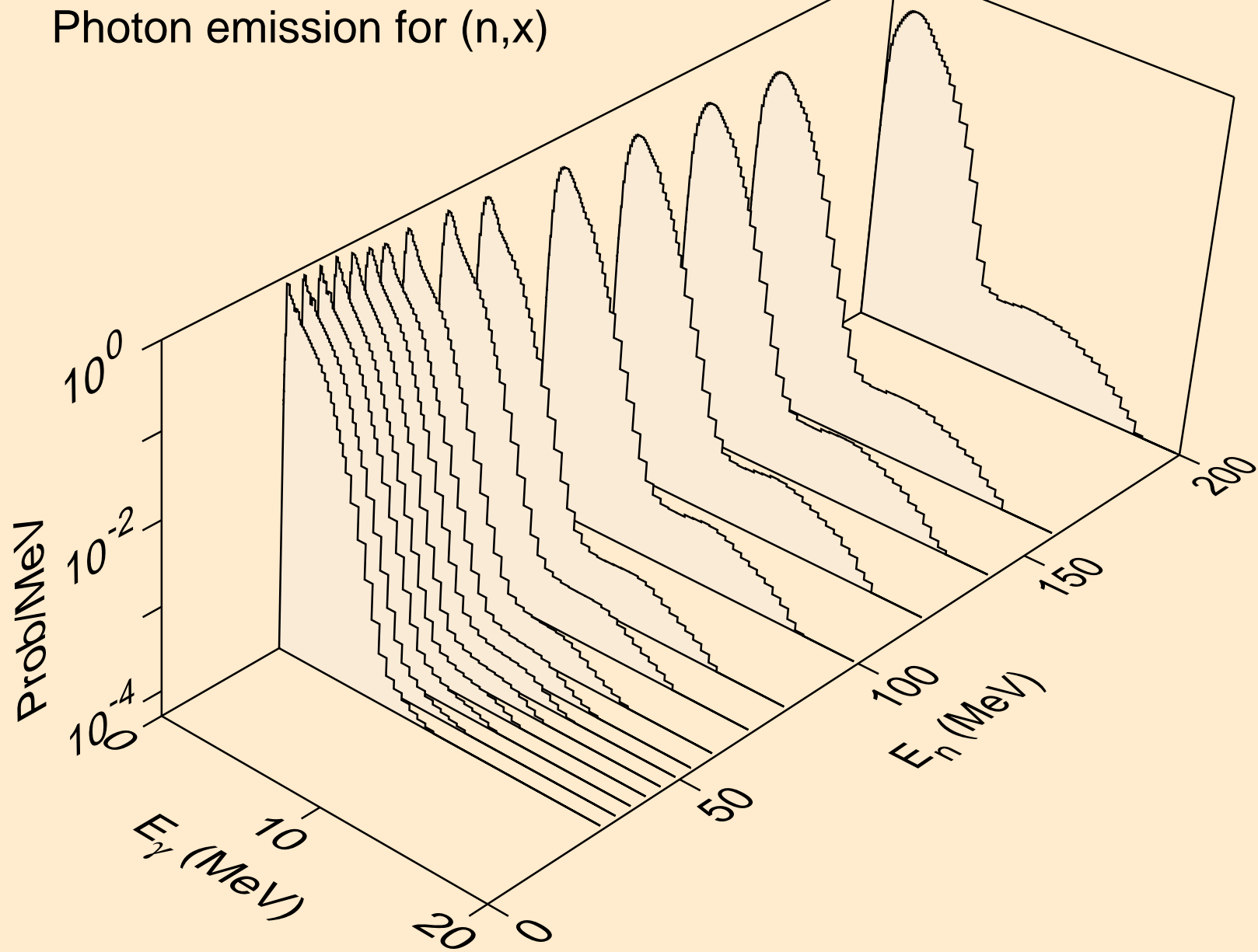


TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)

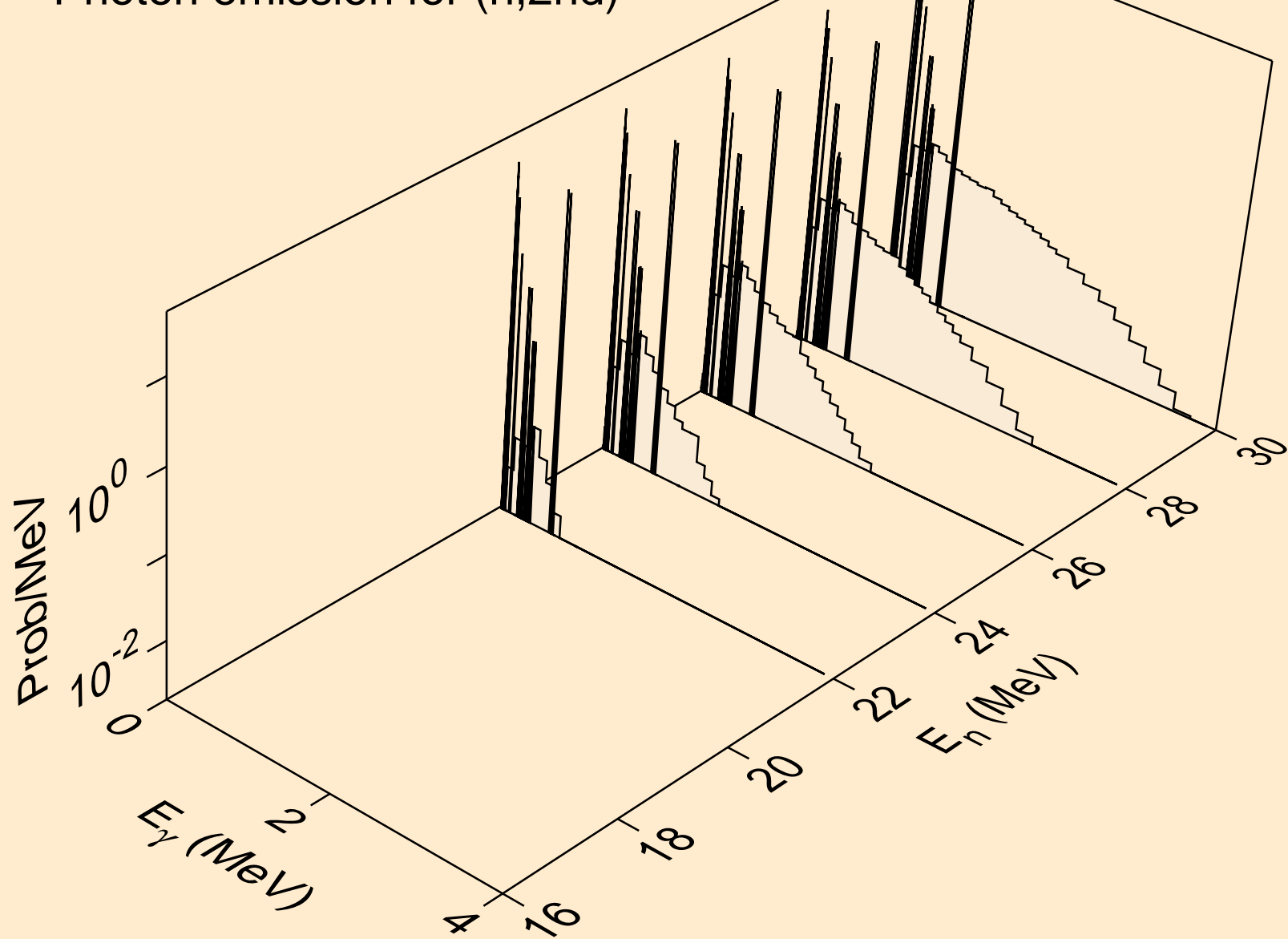




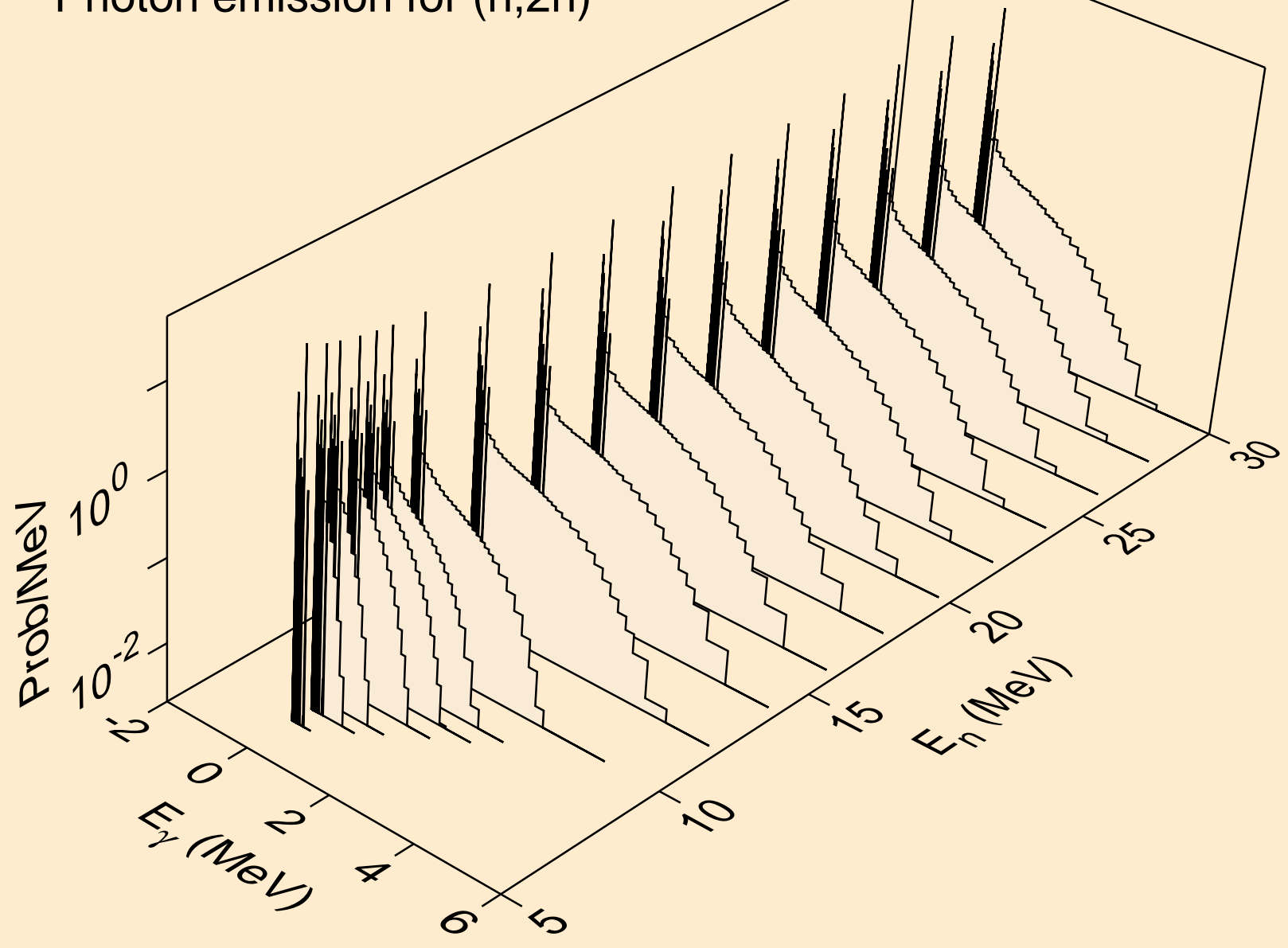
TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



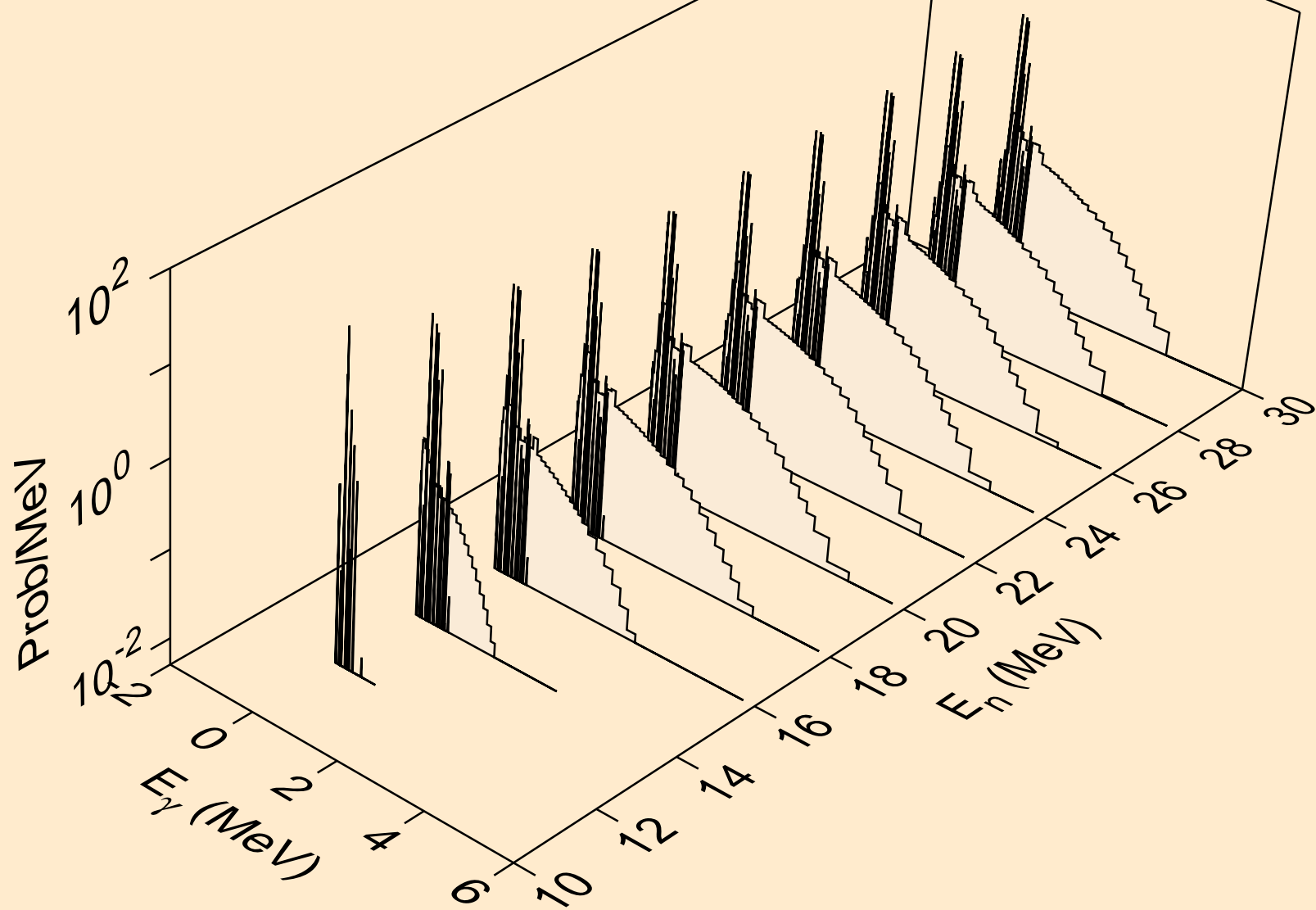
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Photon emission for (n,2nd)



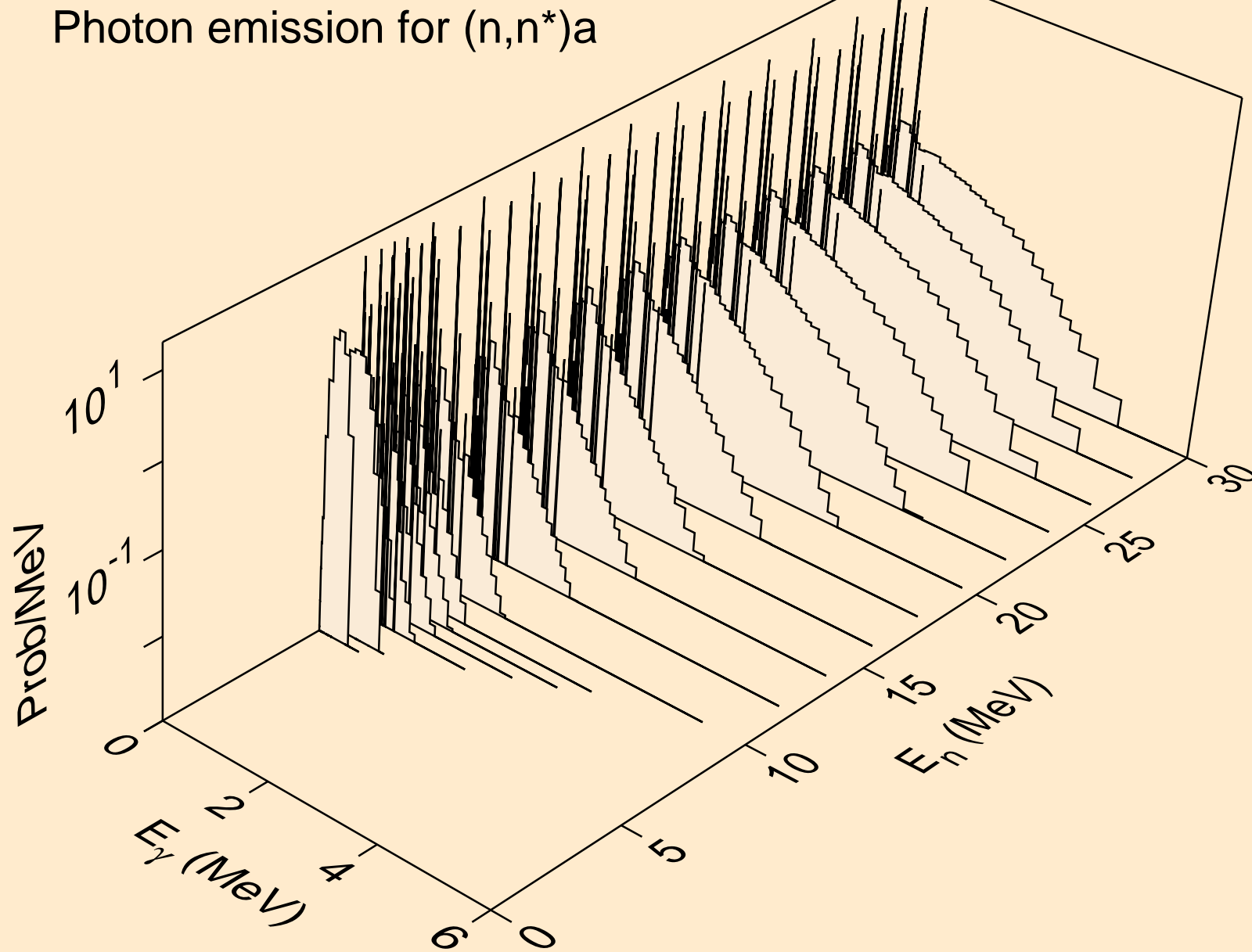
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Photon emission for (n,2n)



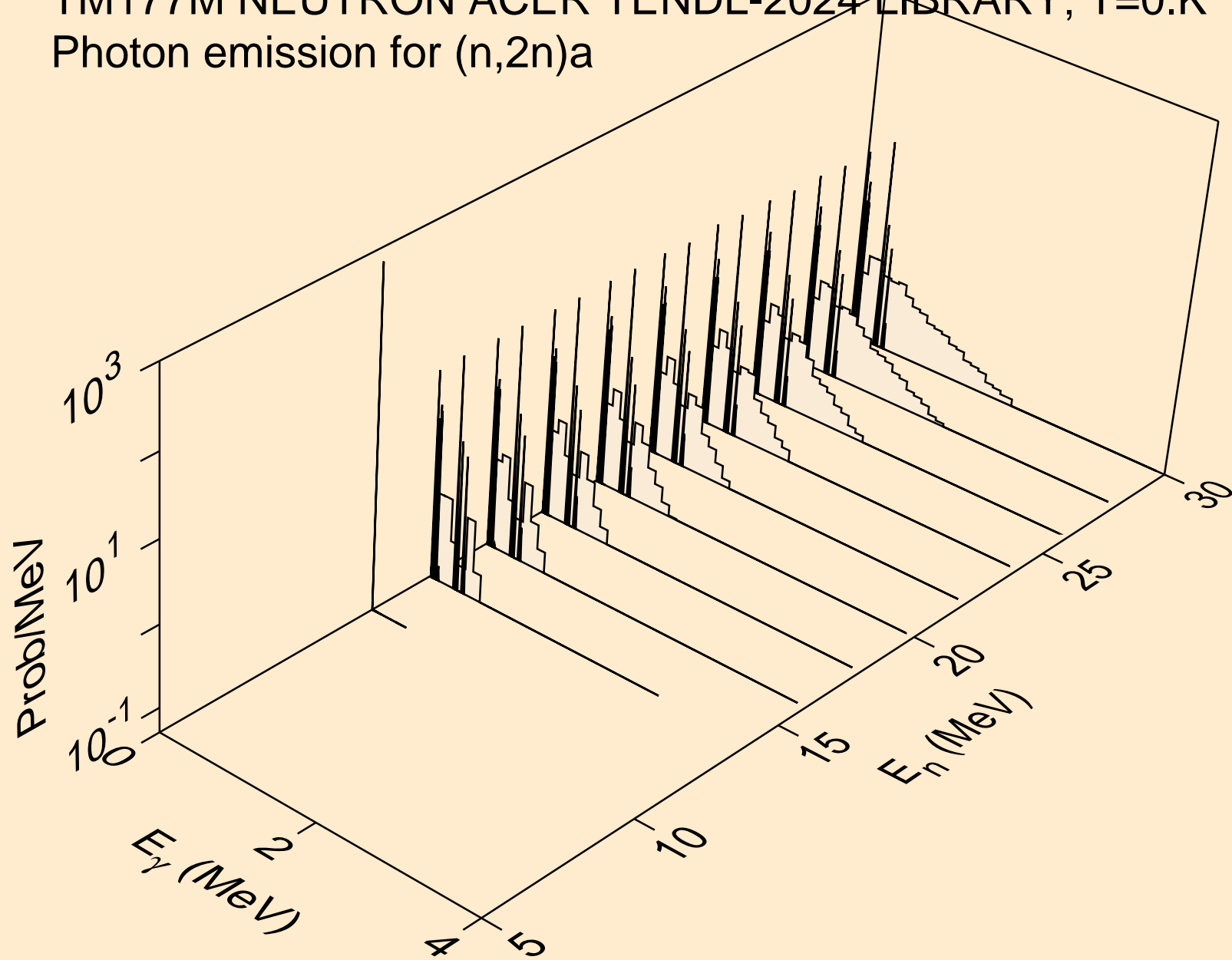
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Photon emission for (n,3n)



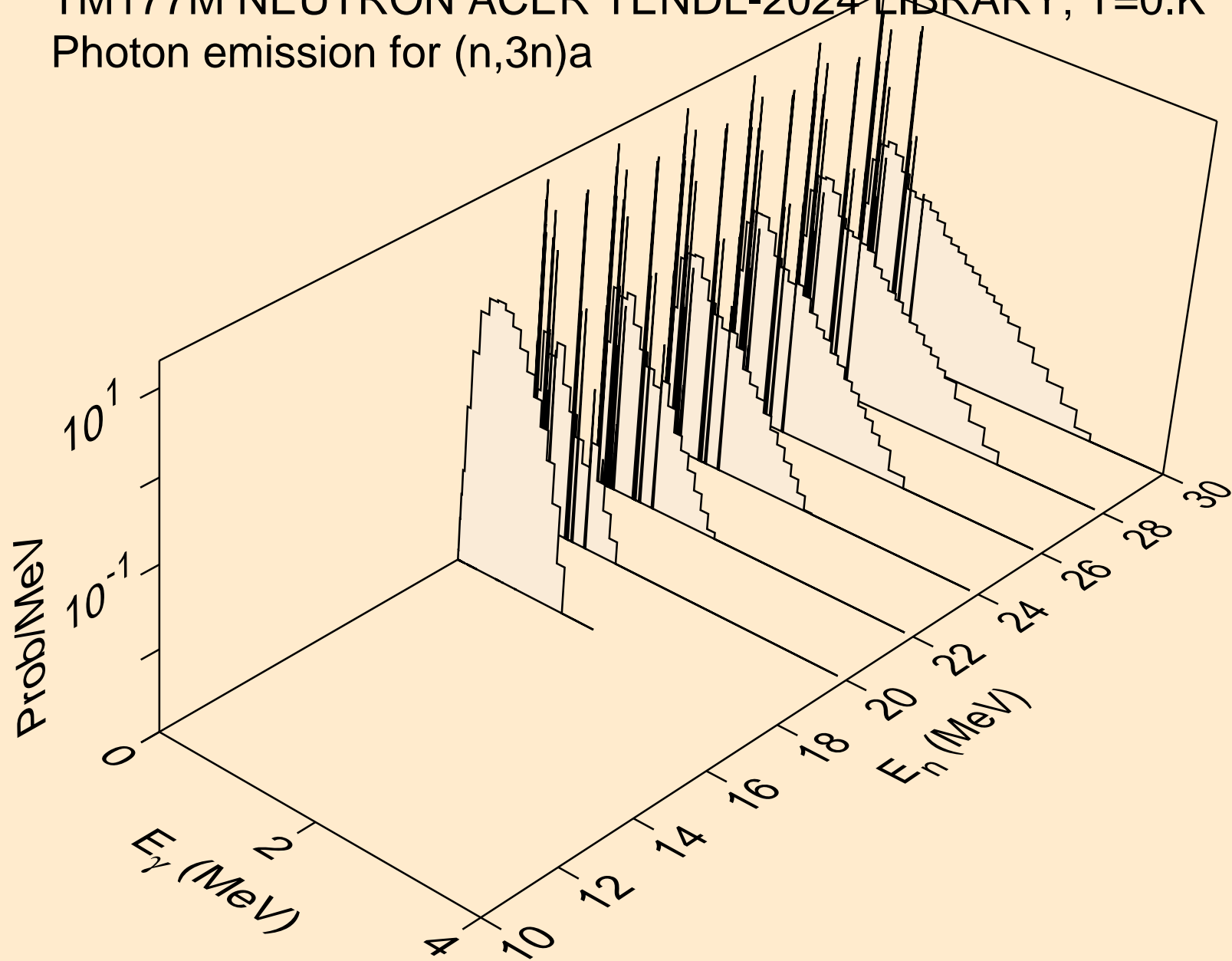
TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



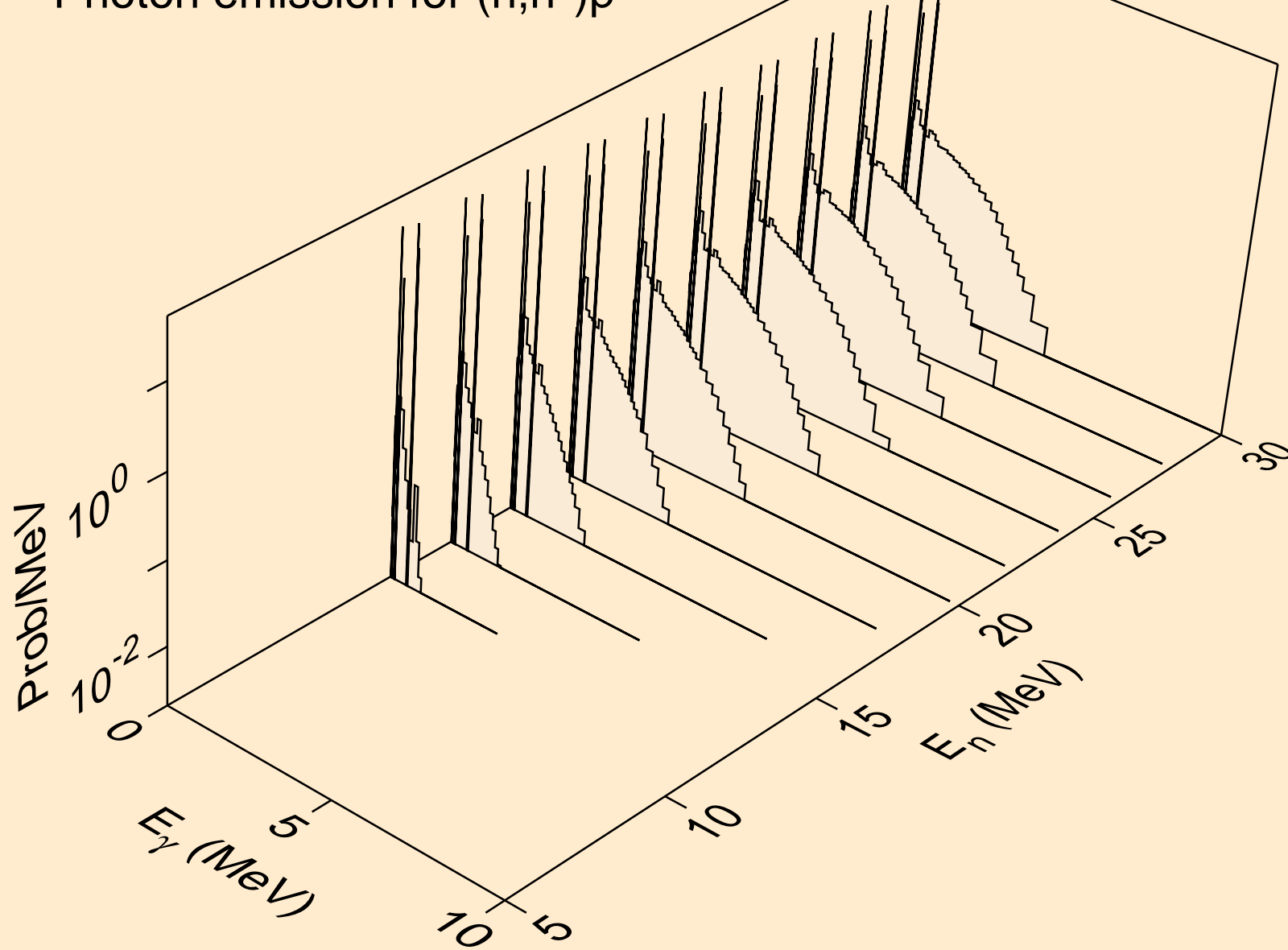
TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a

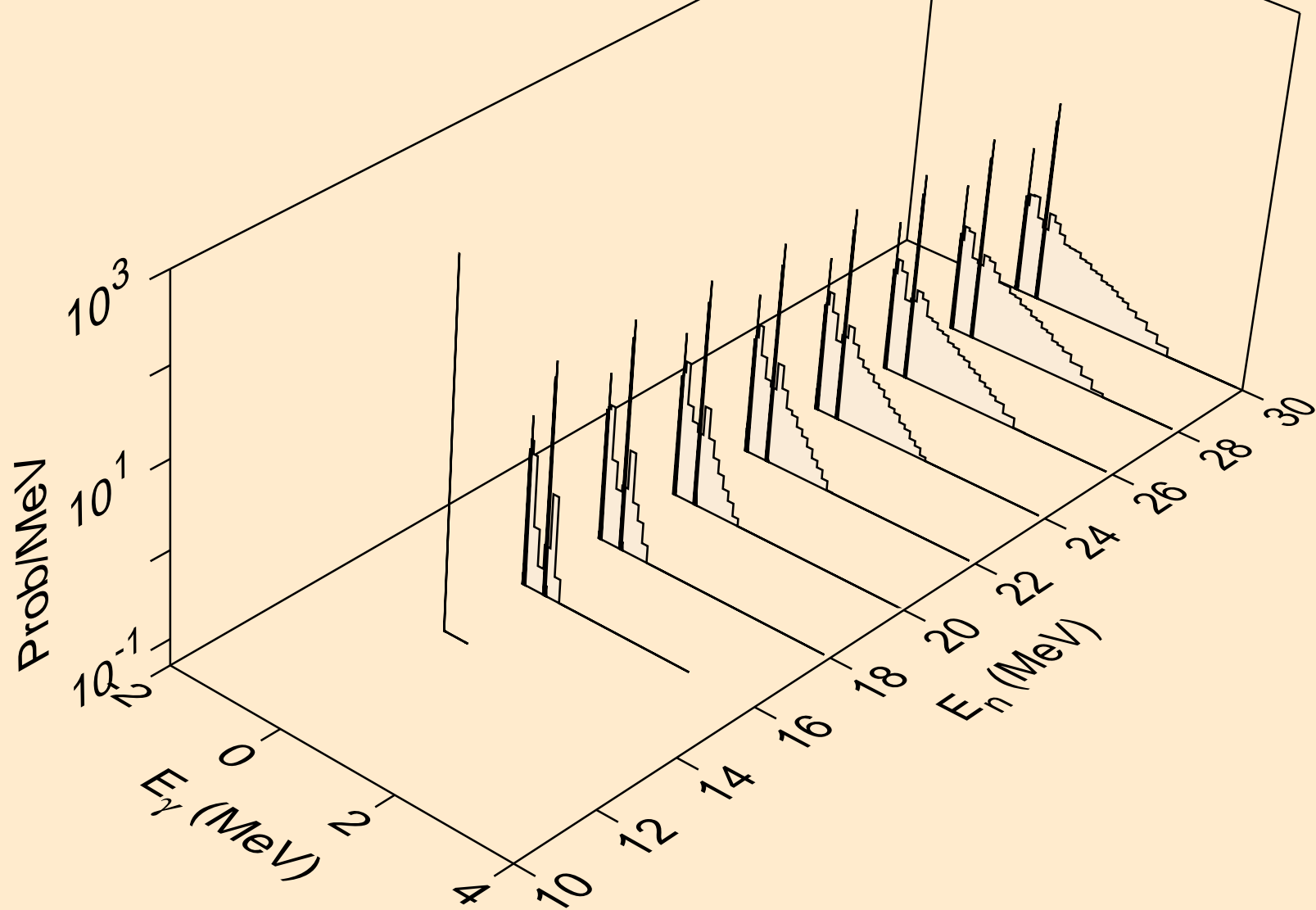


TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

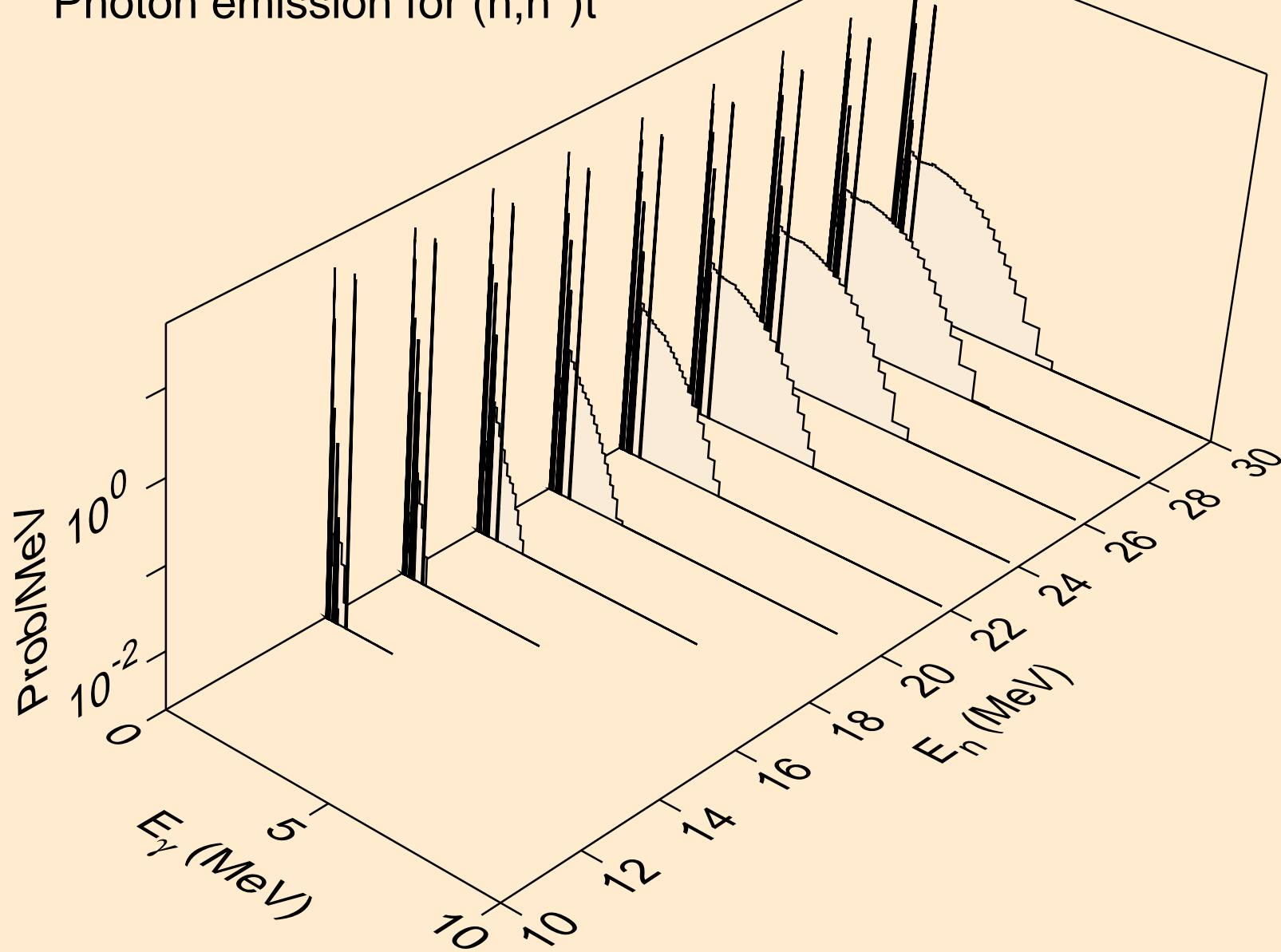




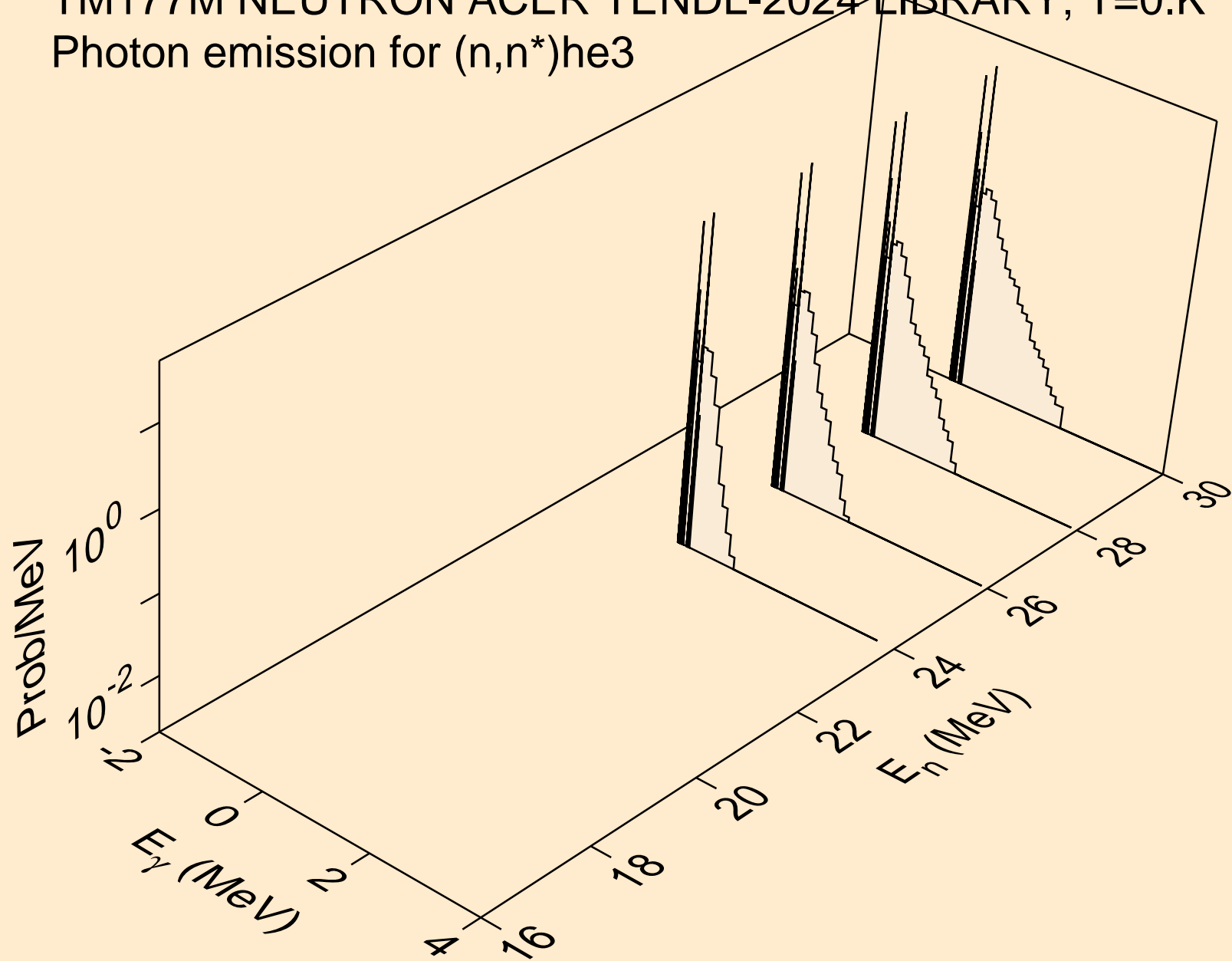
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Photon emission for (n,n\*)d



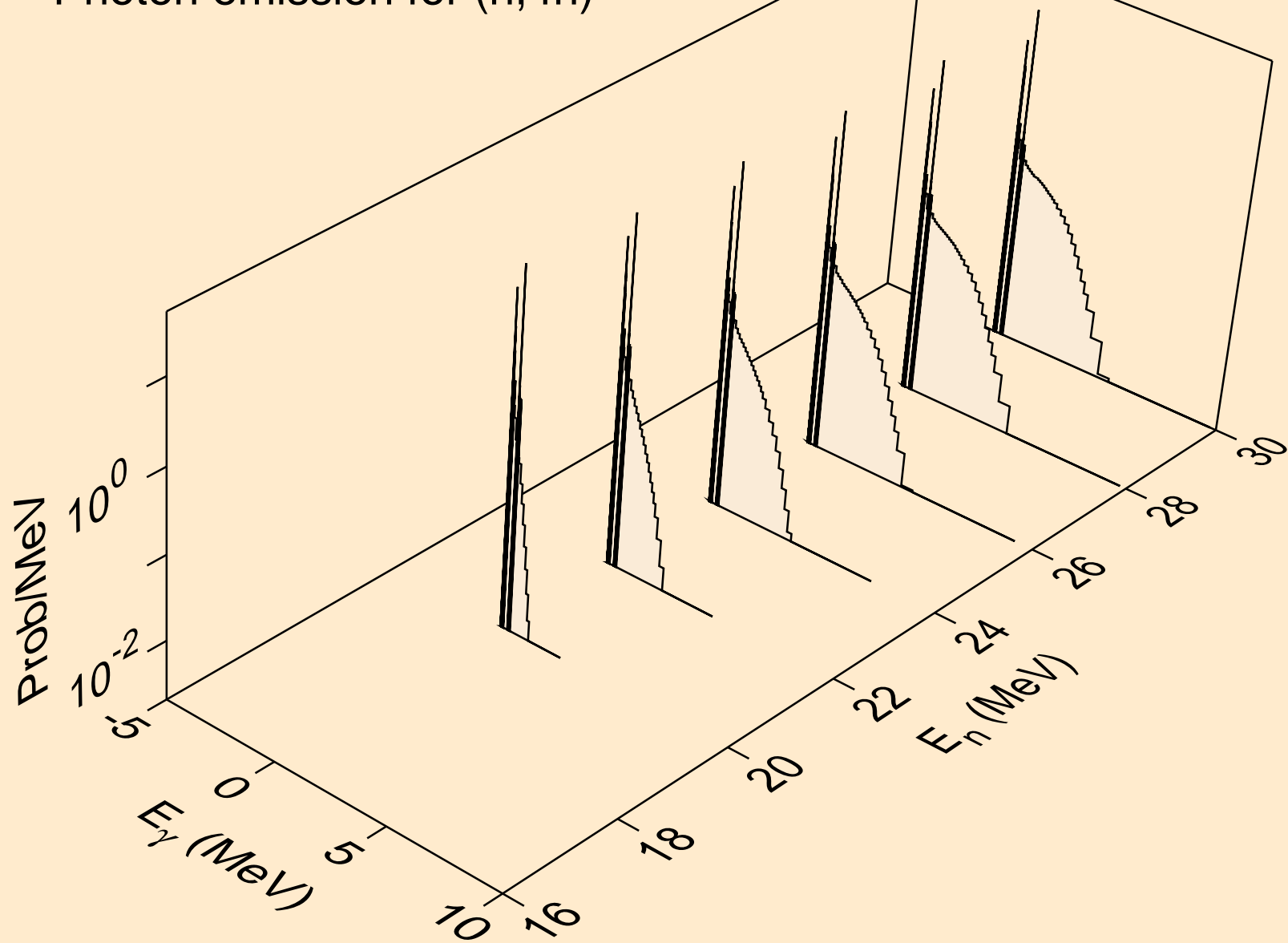
TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



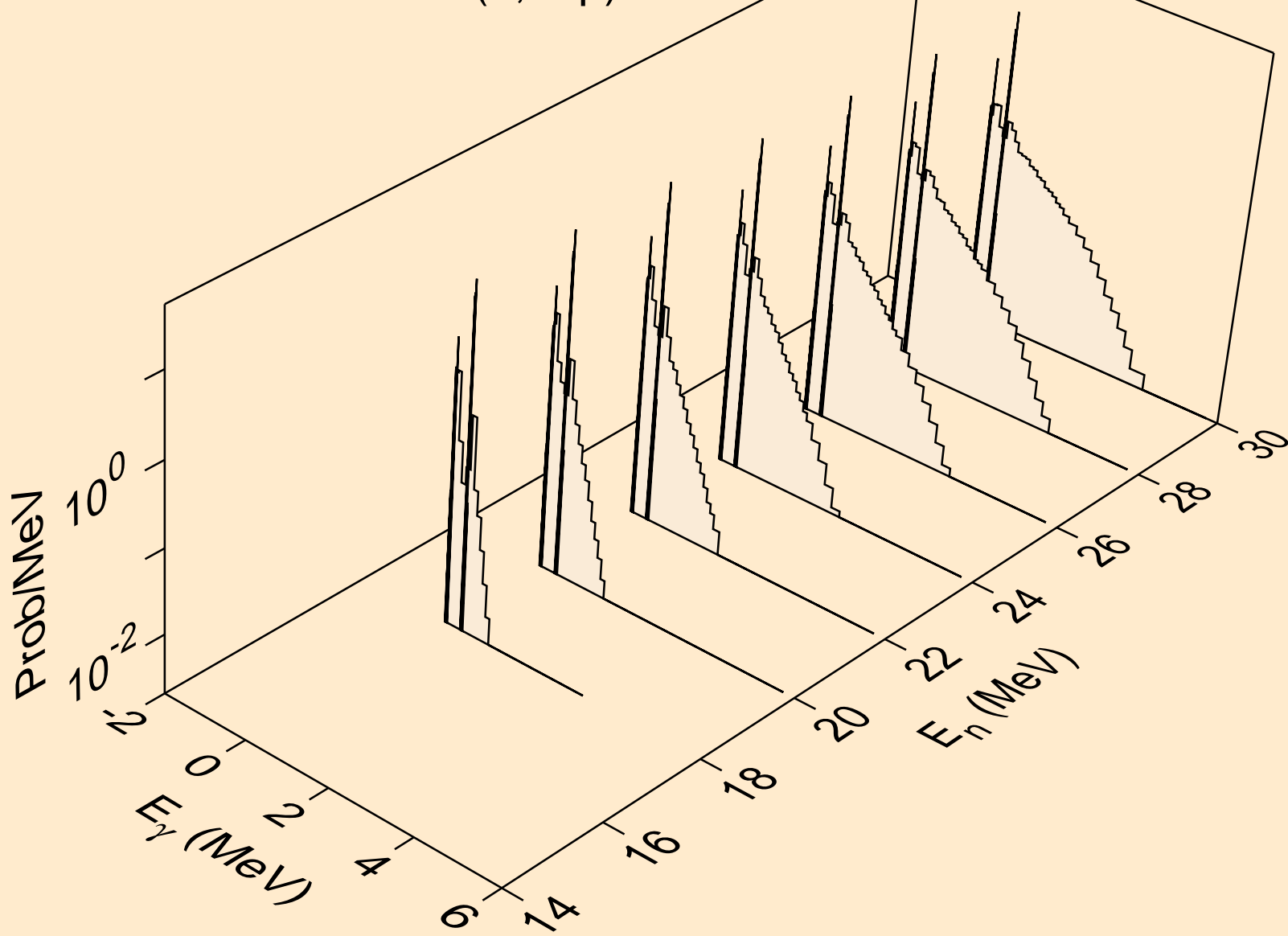
TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



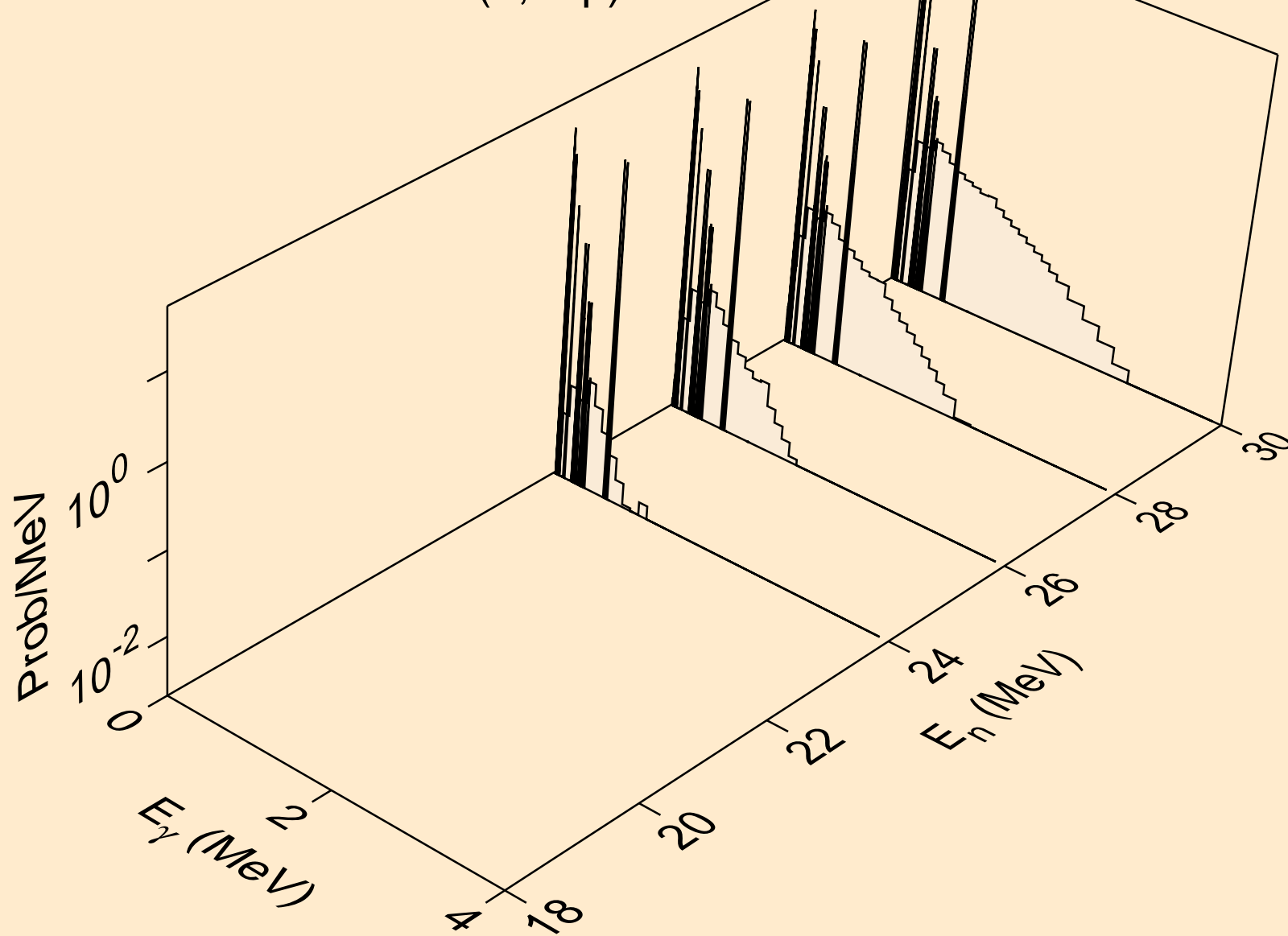
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Photon emission for (n,4n)



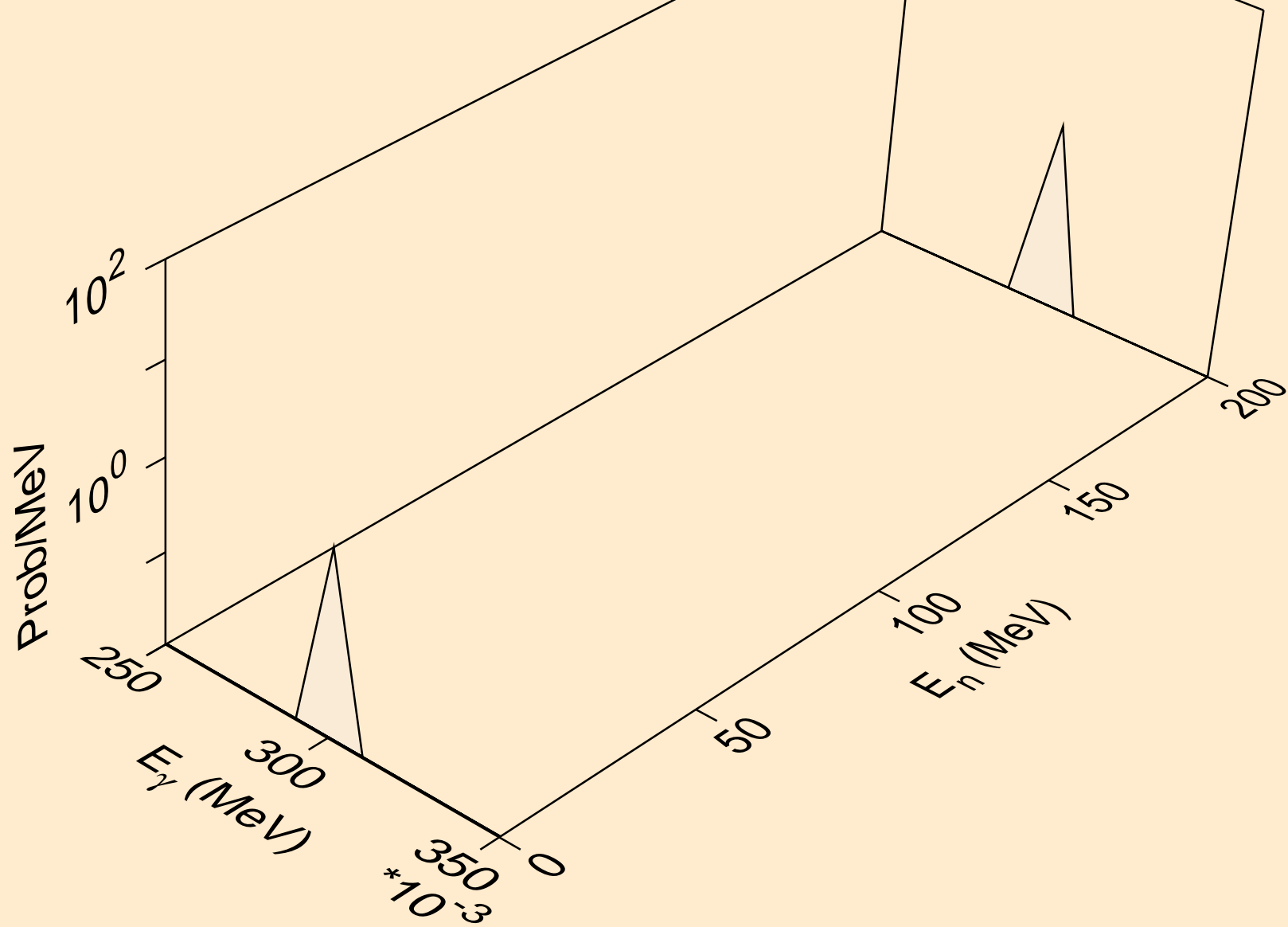
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Photon emission for (n,2np)



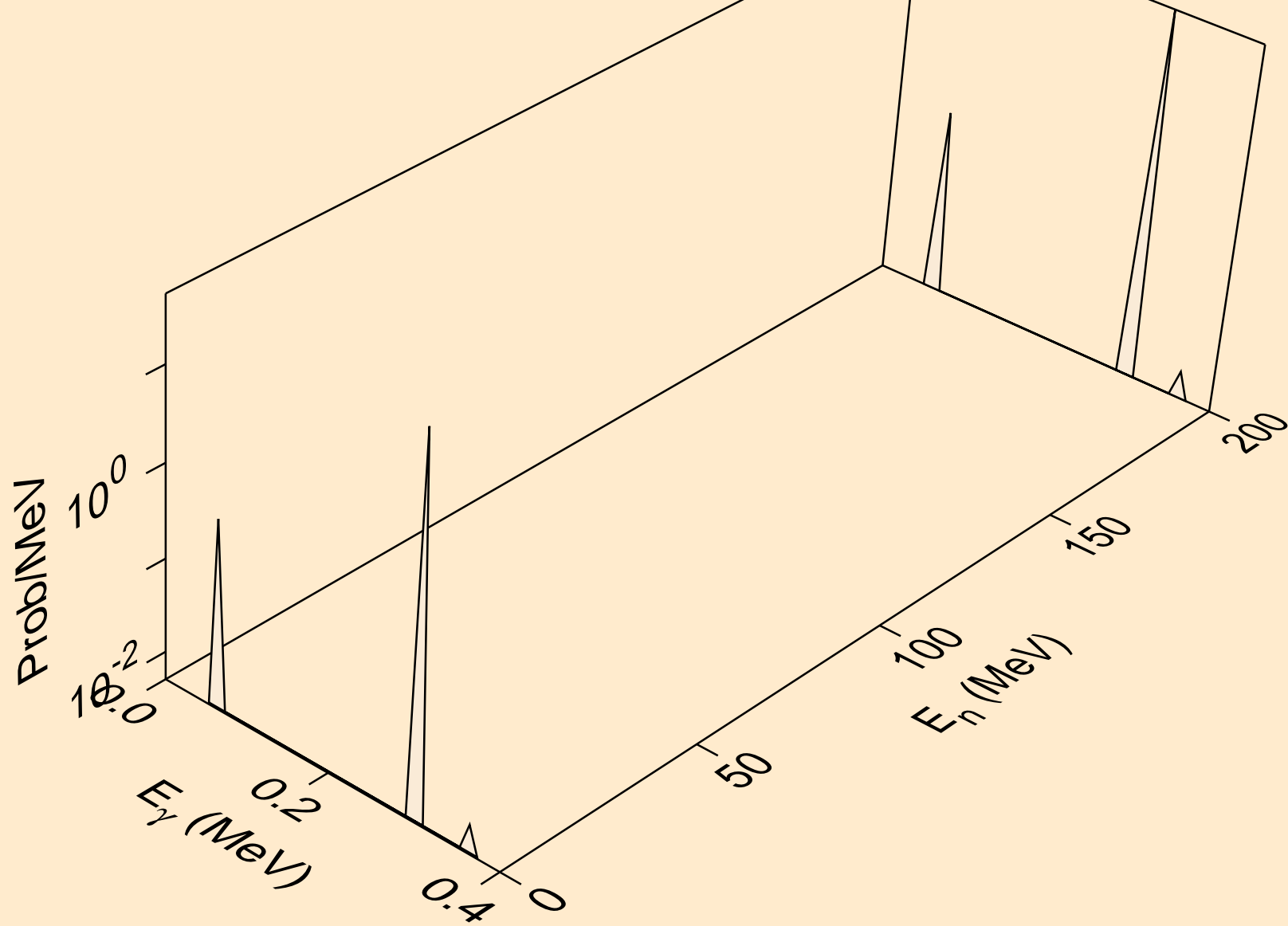
TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*2)

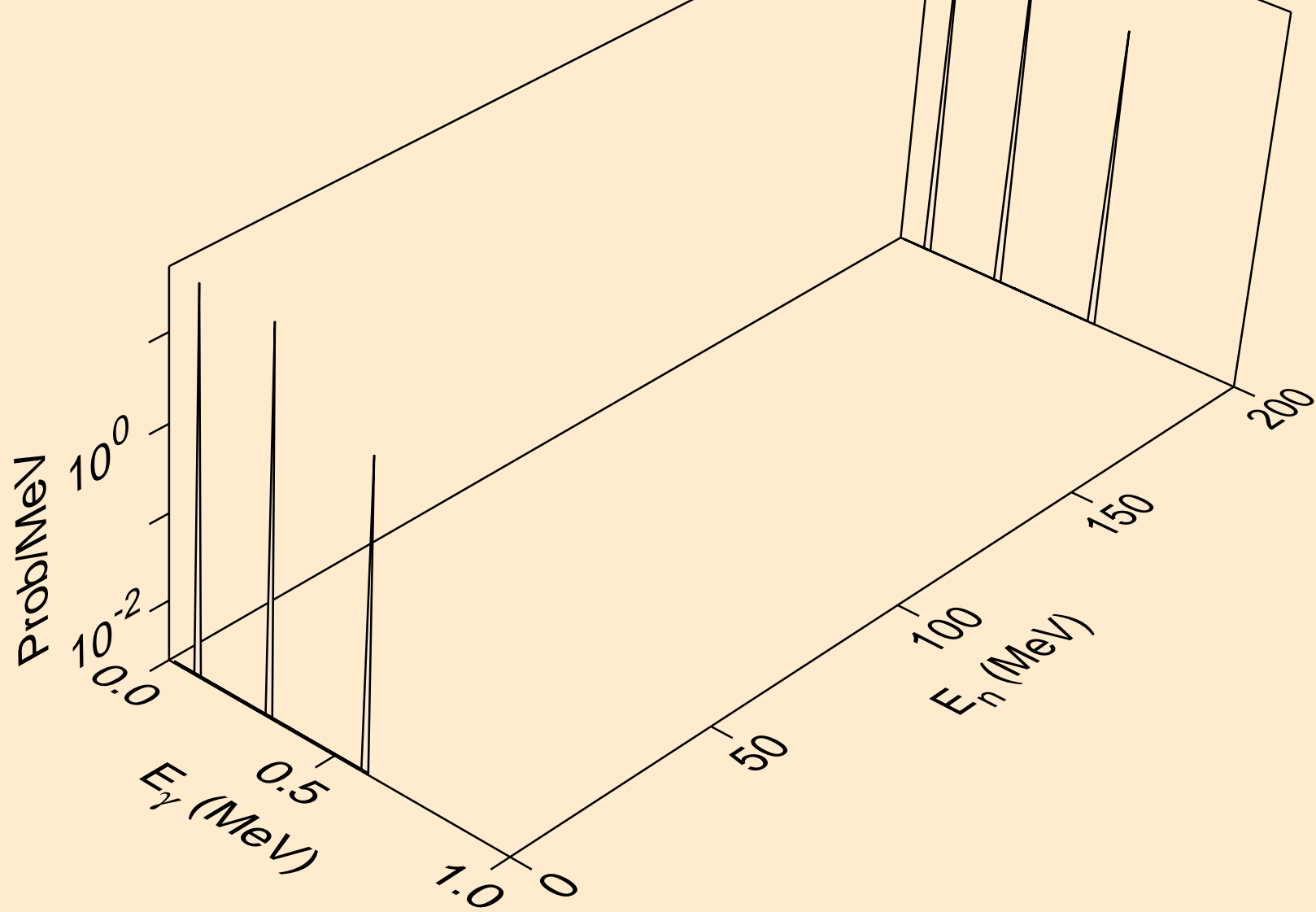


TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*3)

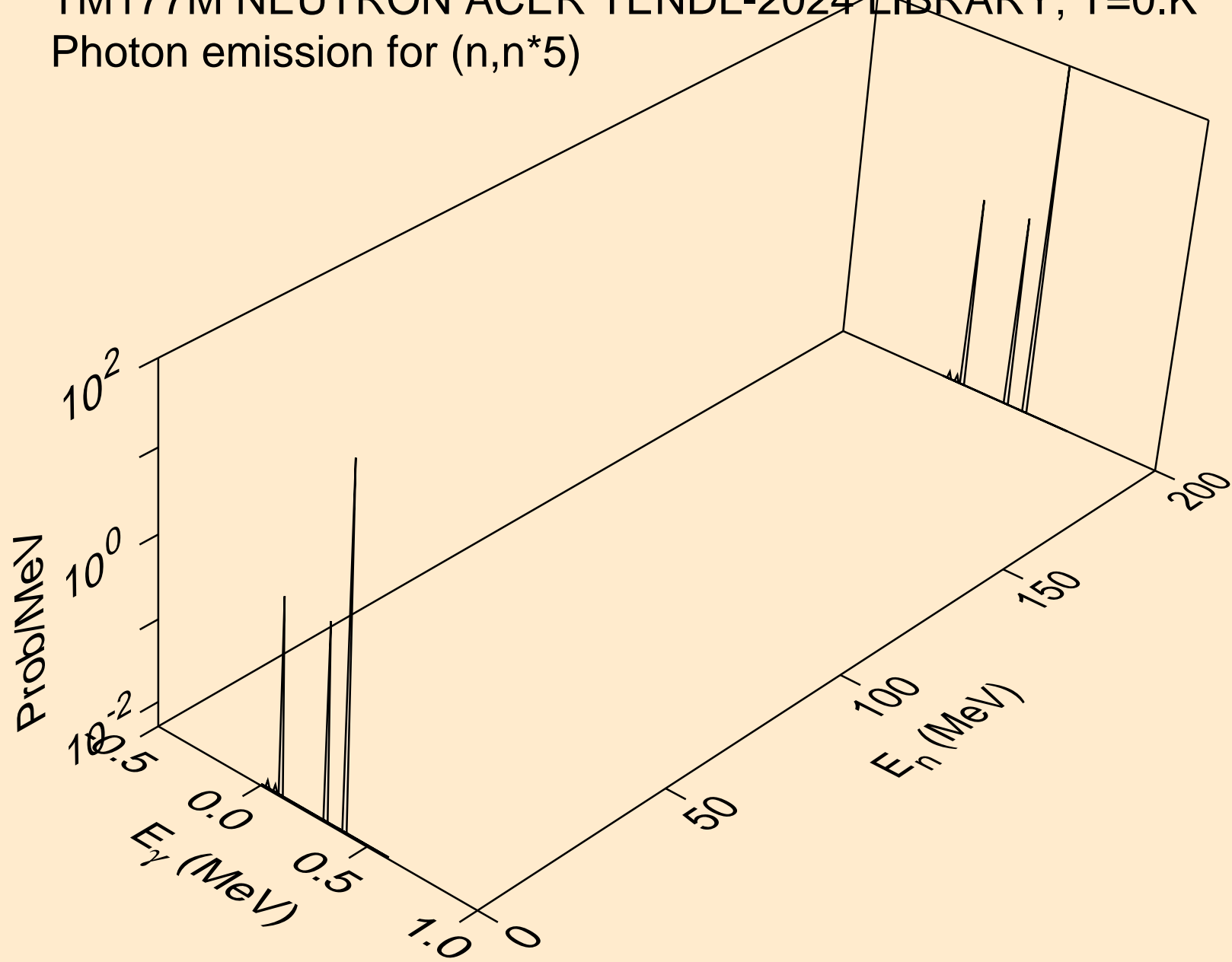




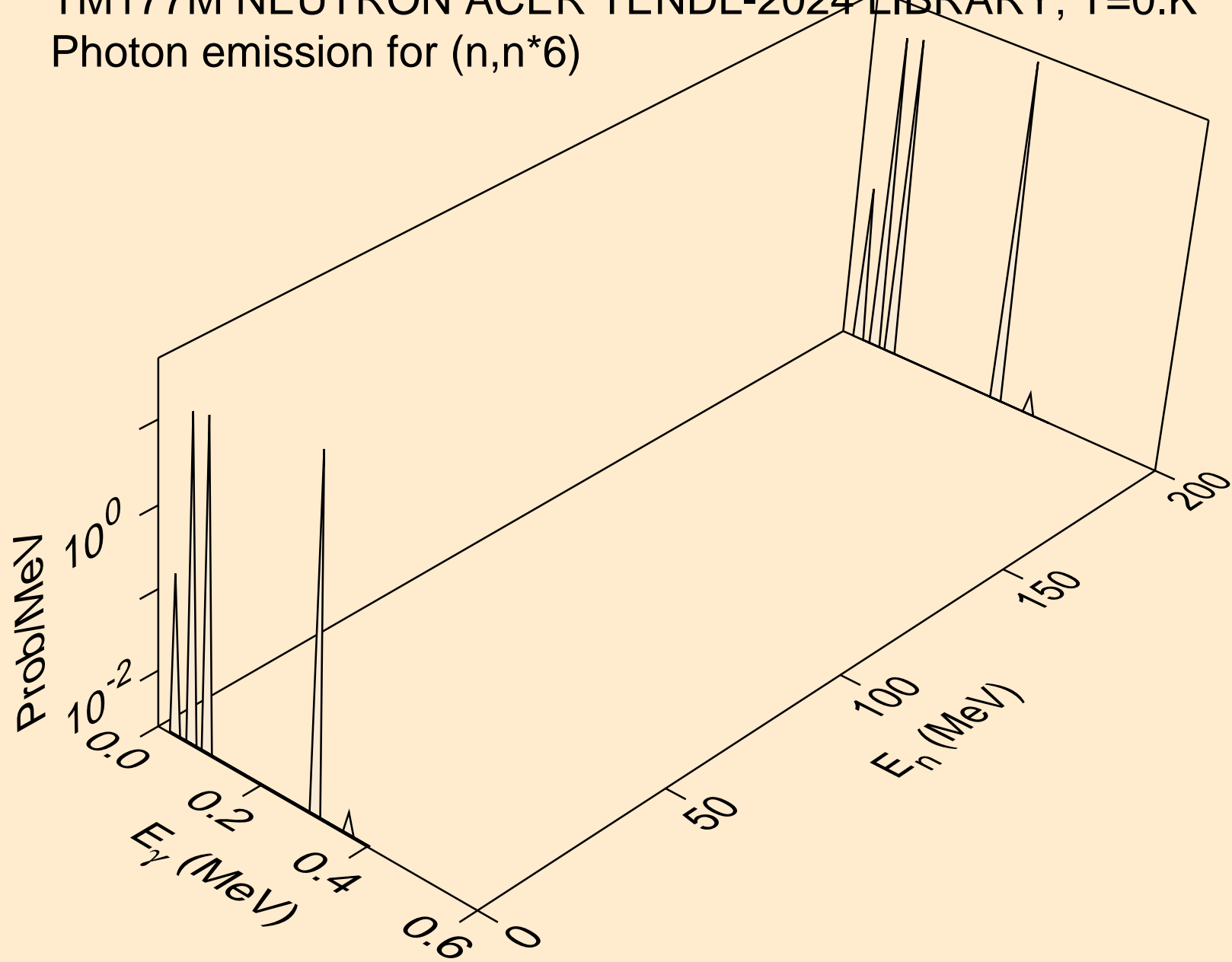
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Photon emission for (n,n\*4)



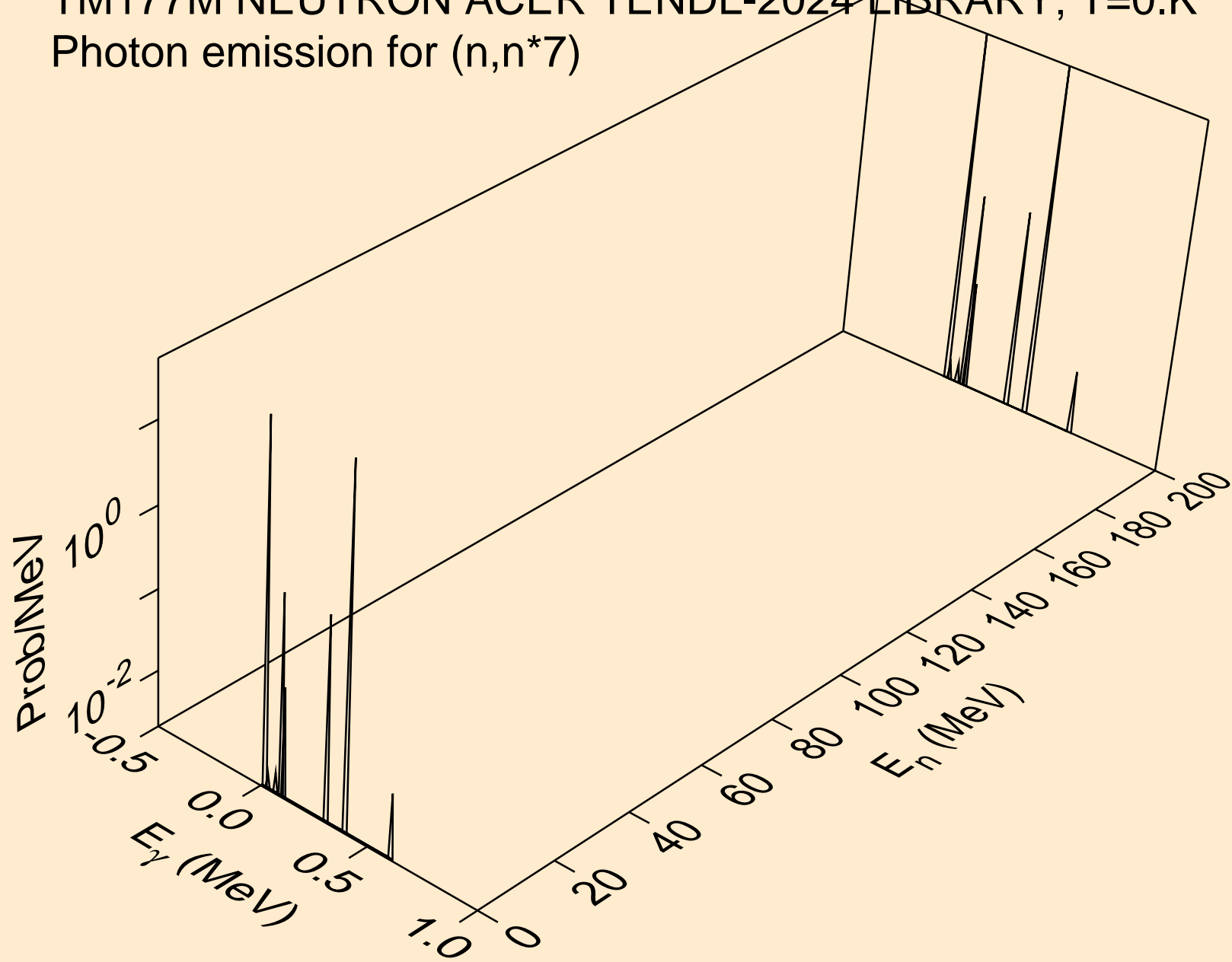
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Photon emission for (n,n\*5)



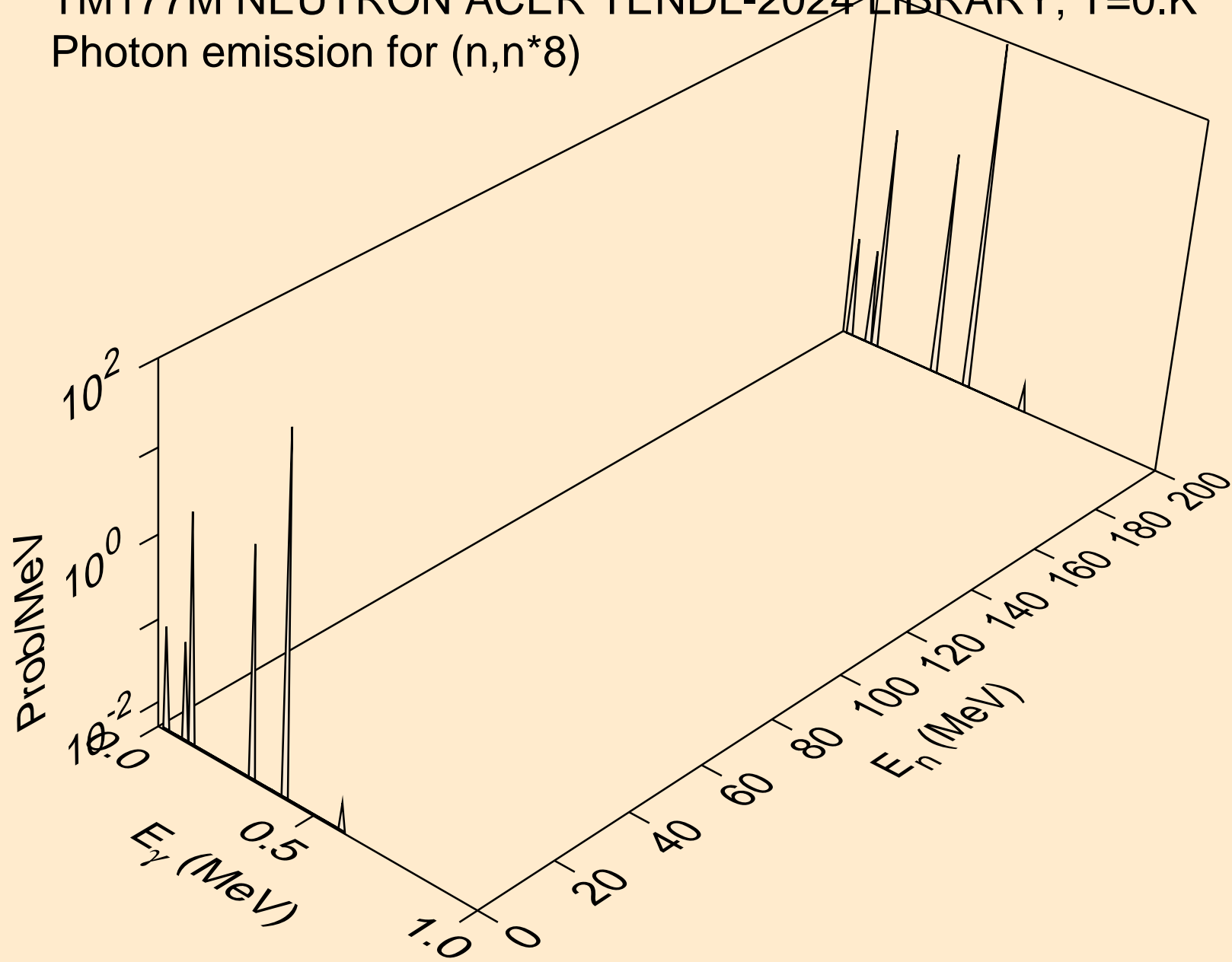
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Photon emission for (n,n\*6)



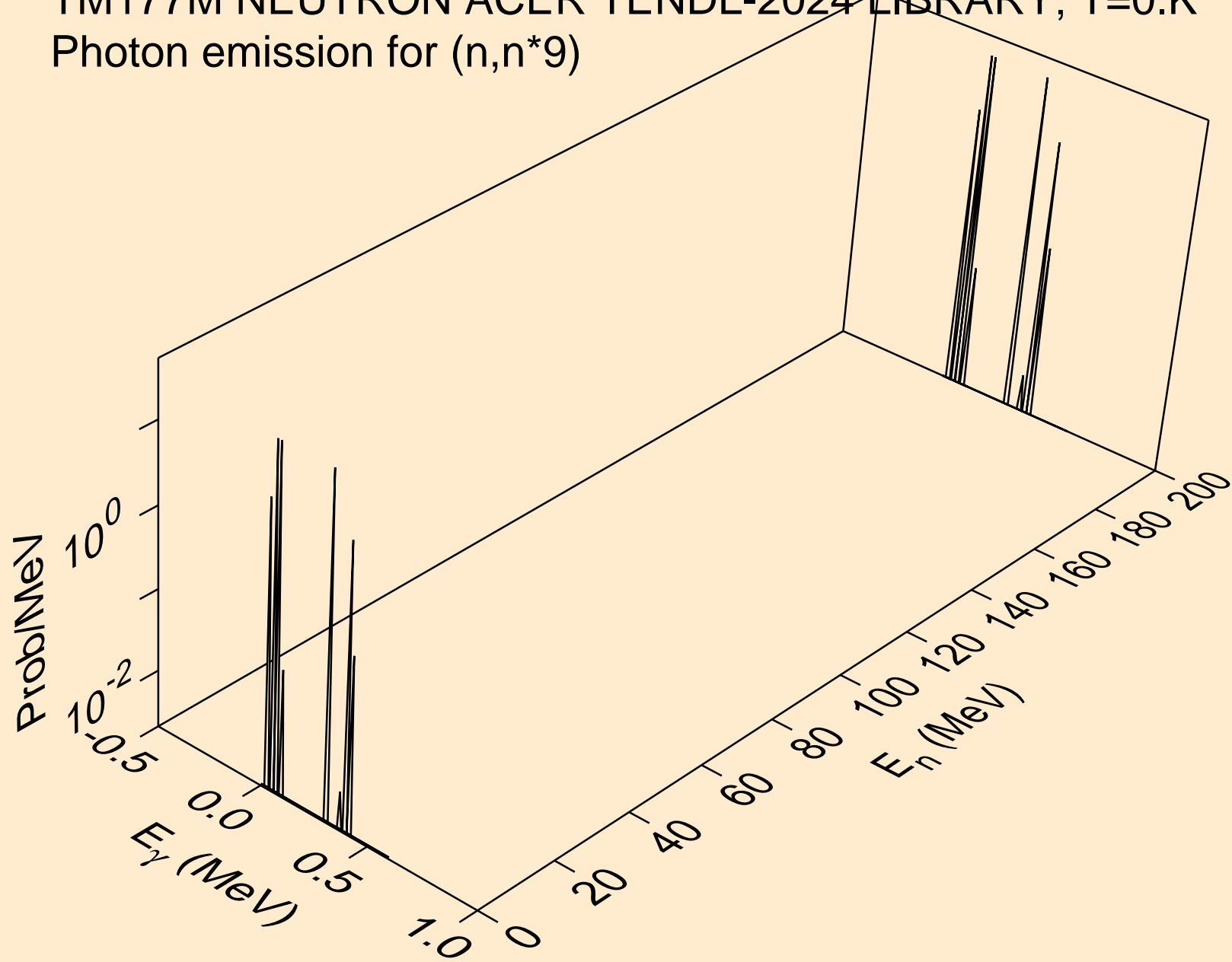
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Photon emission for (n,n\*7)



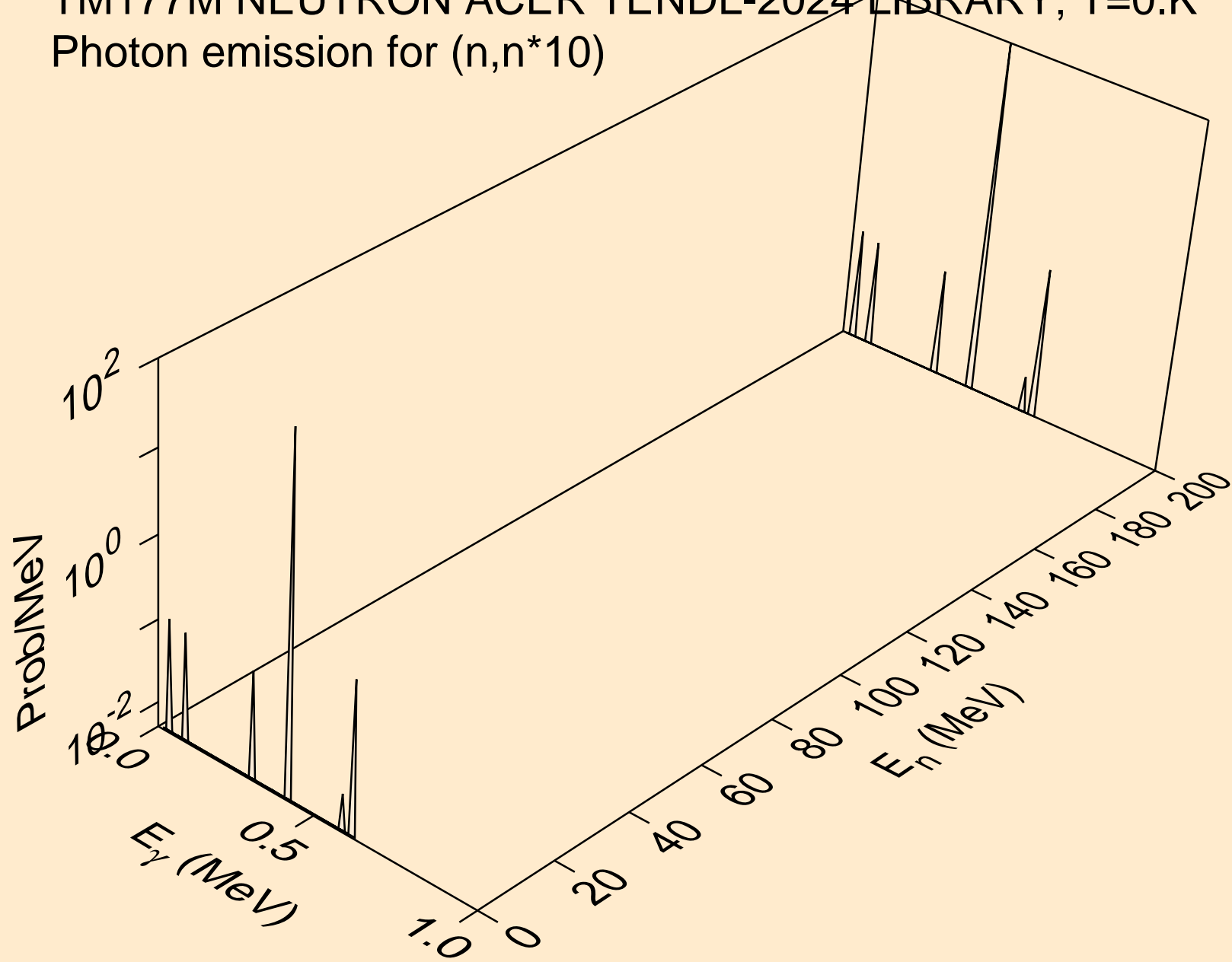
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Photon emission for (n,n\*8)



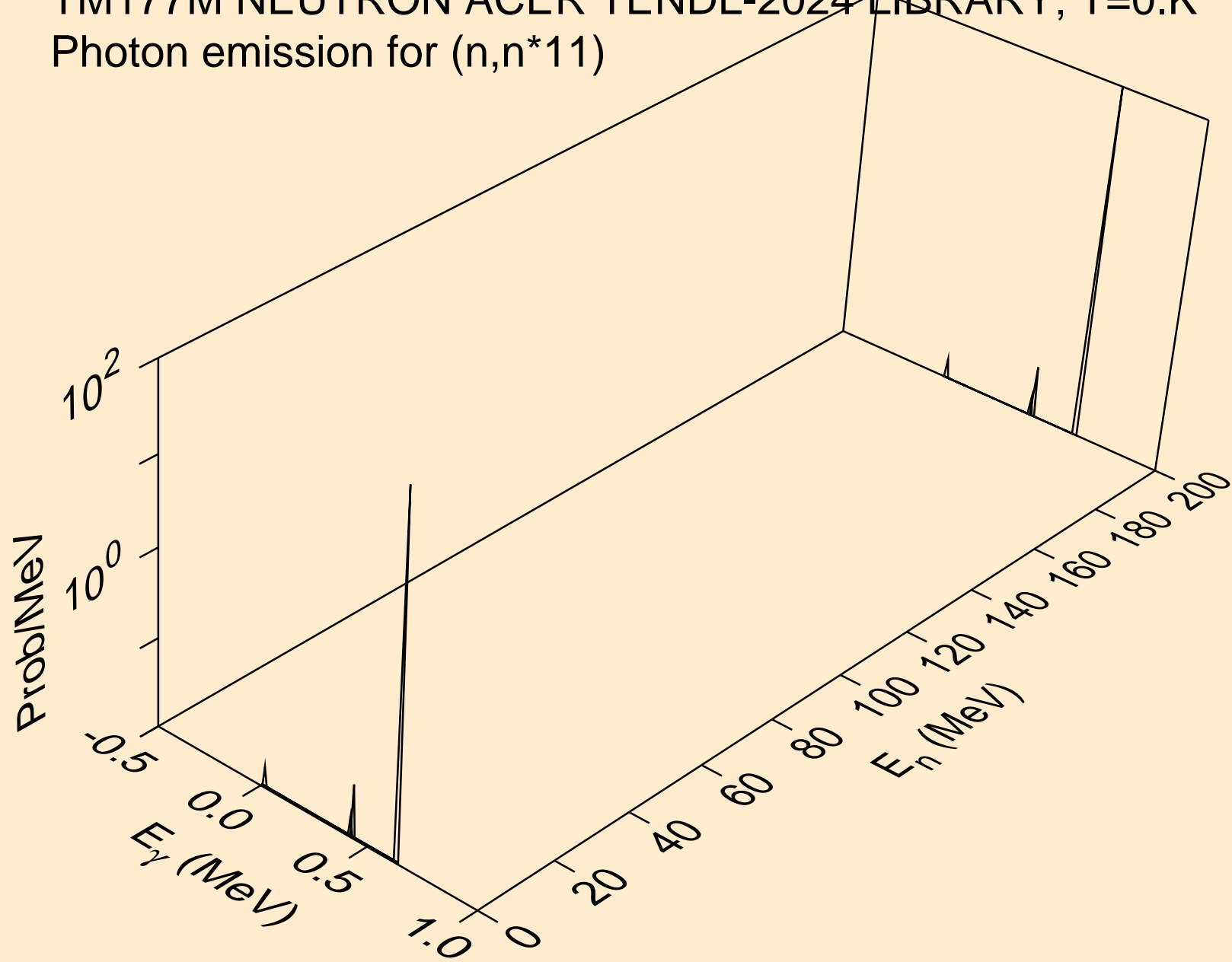
TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*9)



TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*10)

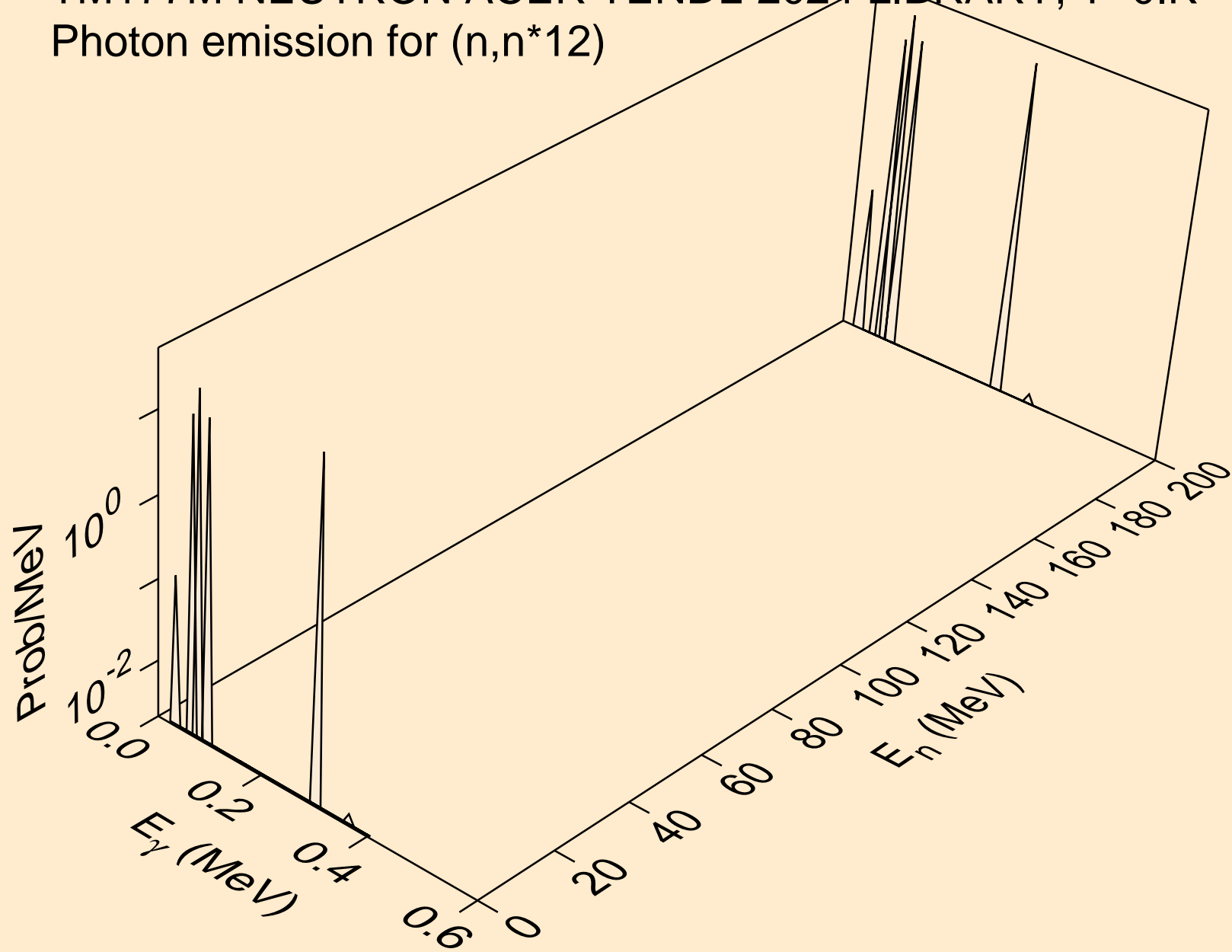


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Photon emission for (n,n\*11)

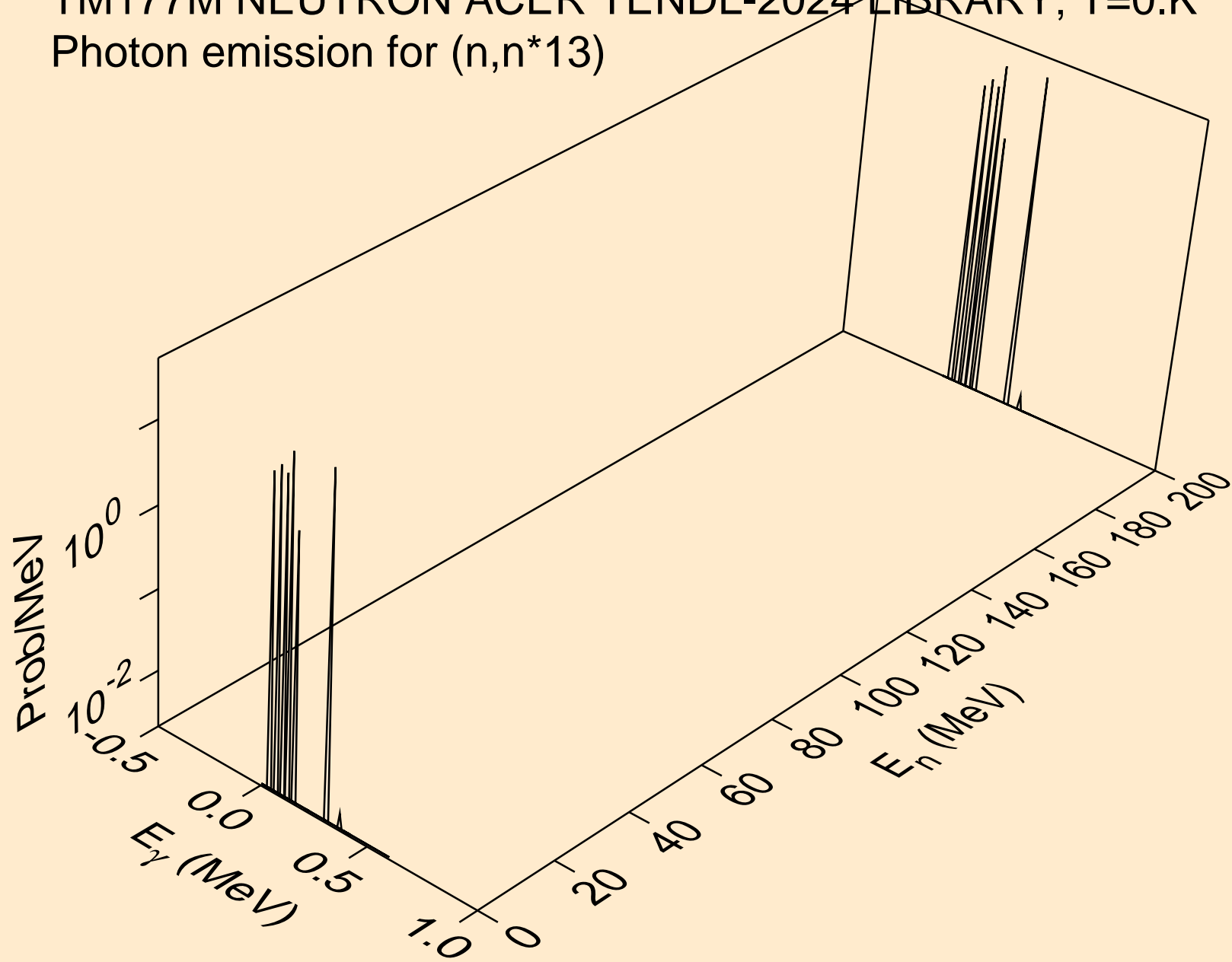




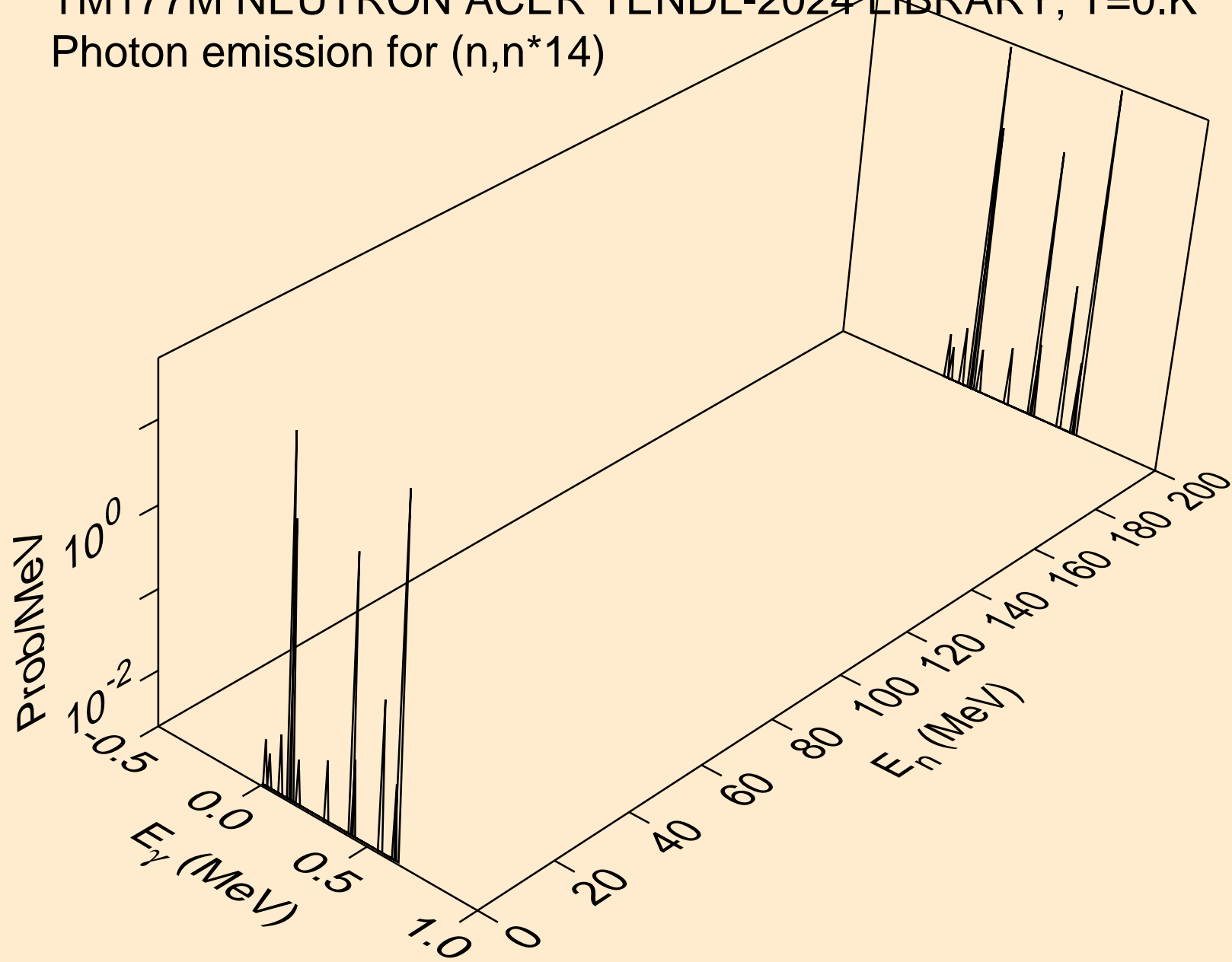
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Photon emission for (n,n\*12)



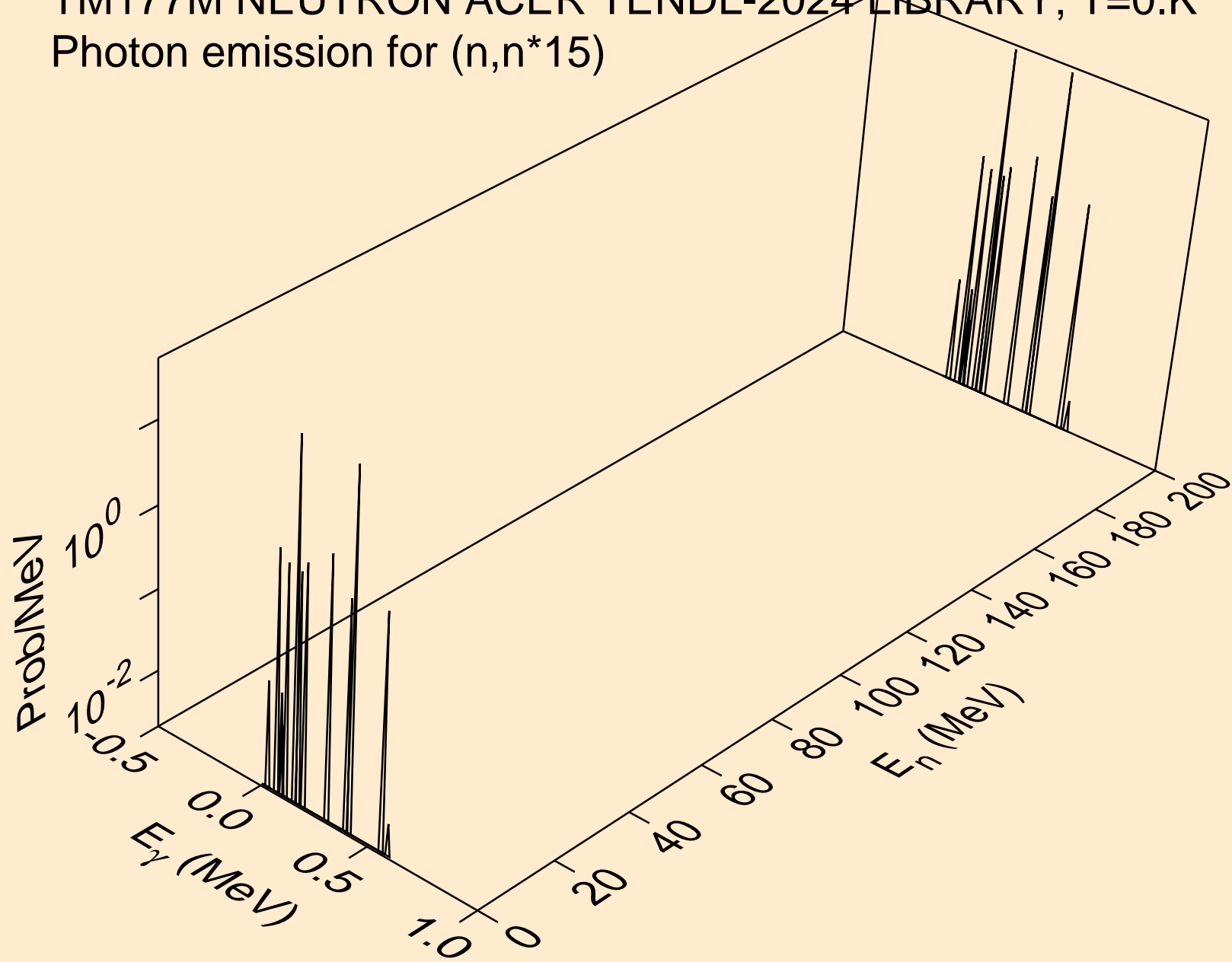
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Photon emission for (n,n\*13)



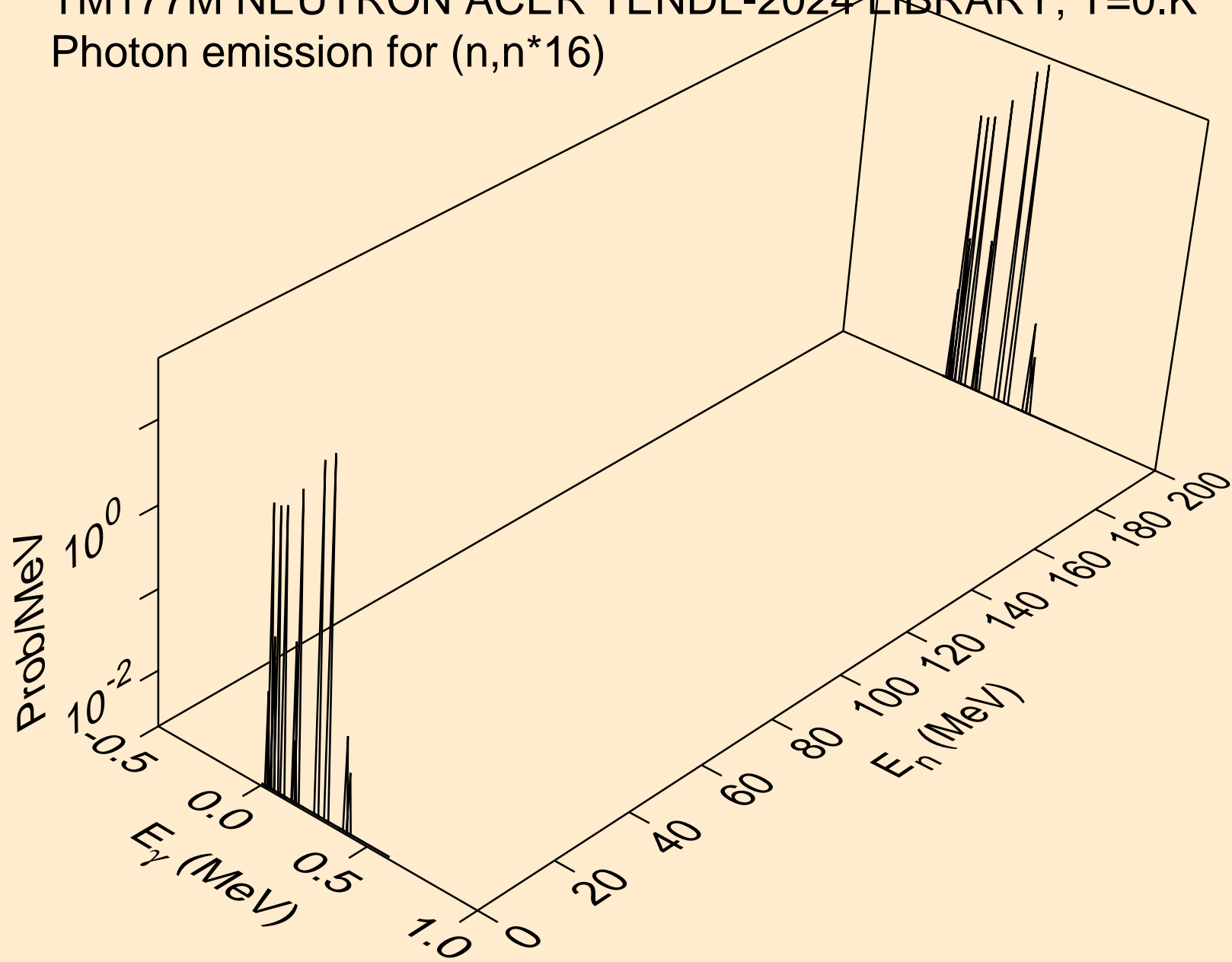
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Photon emission for (n,n\*14)



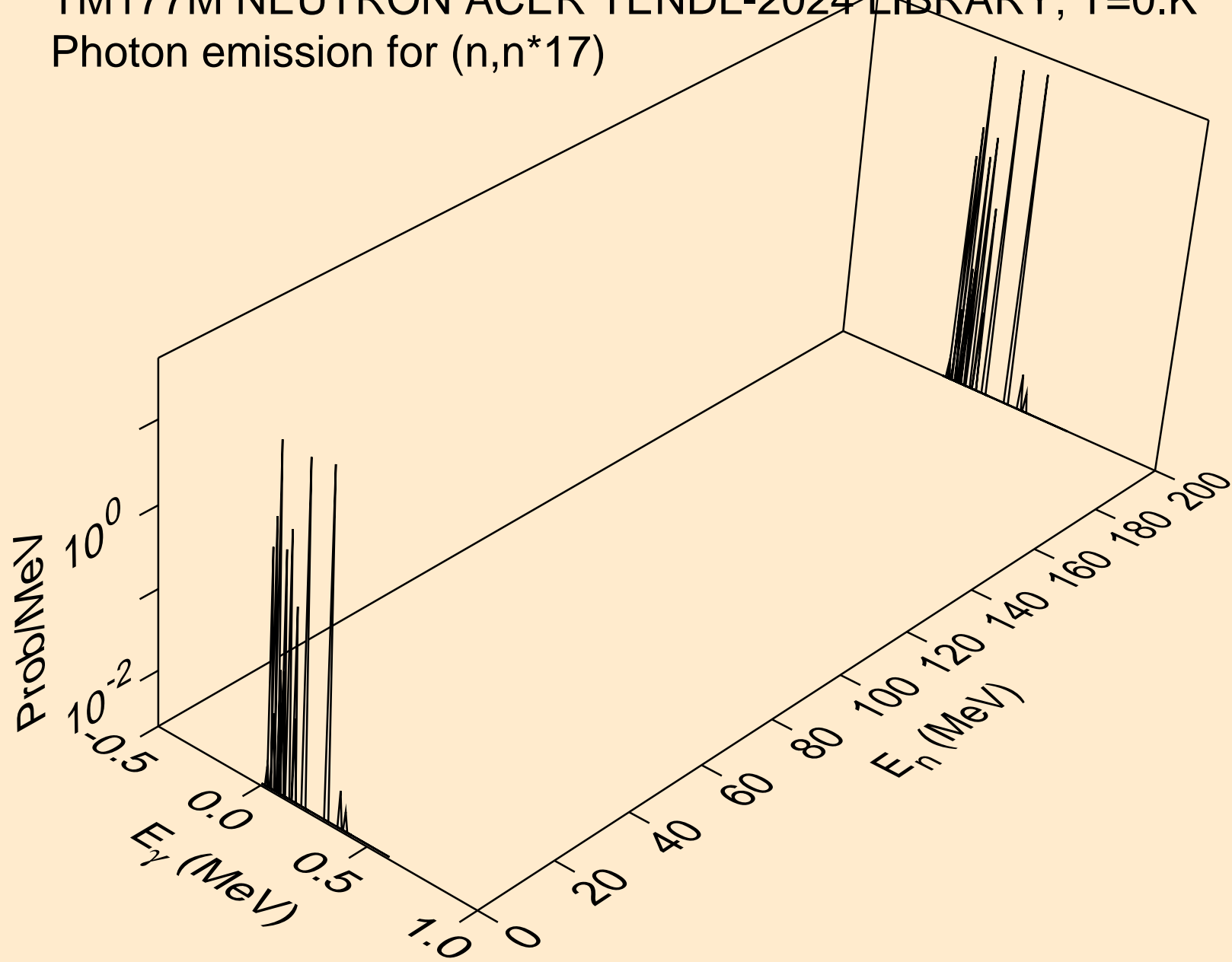
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Photon emission for (n,n\*15)



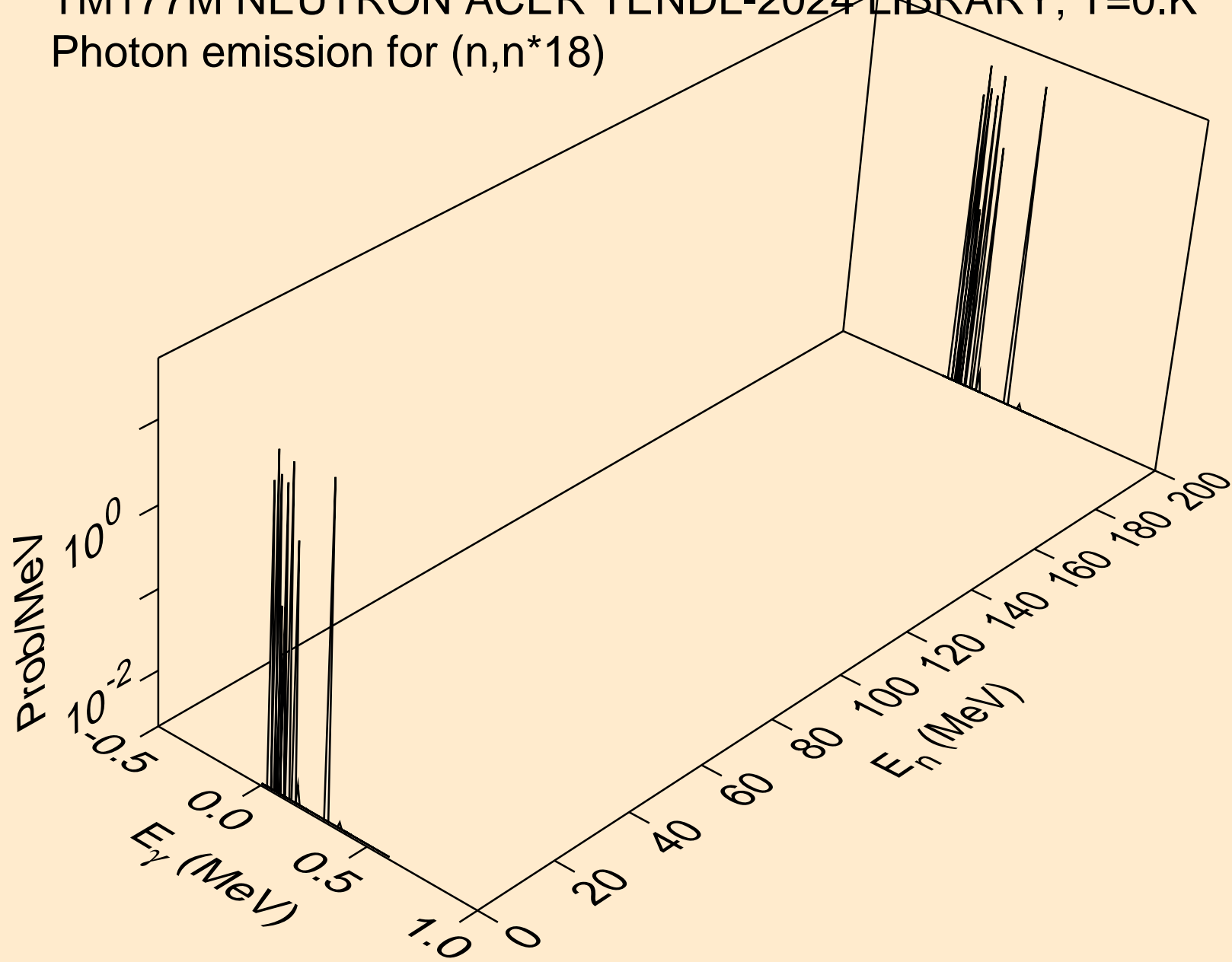
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Photon emission for (n,n\*16)



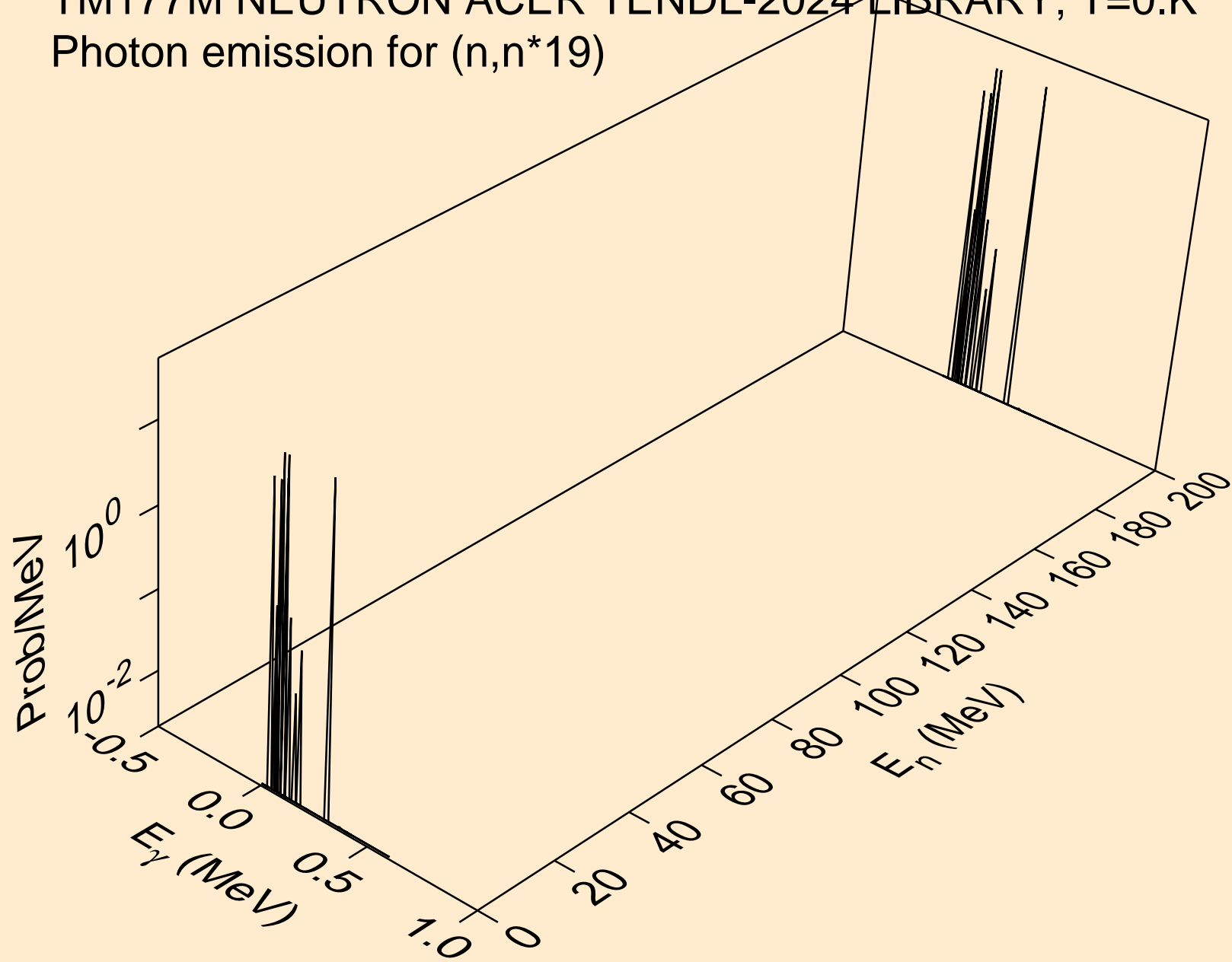
TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*17)



TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*18)

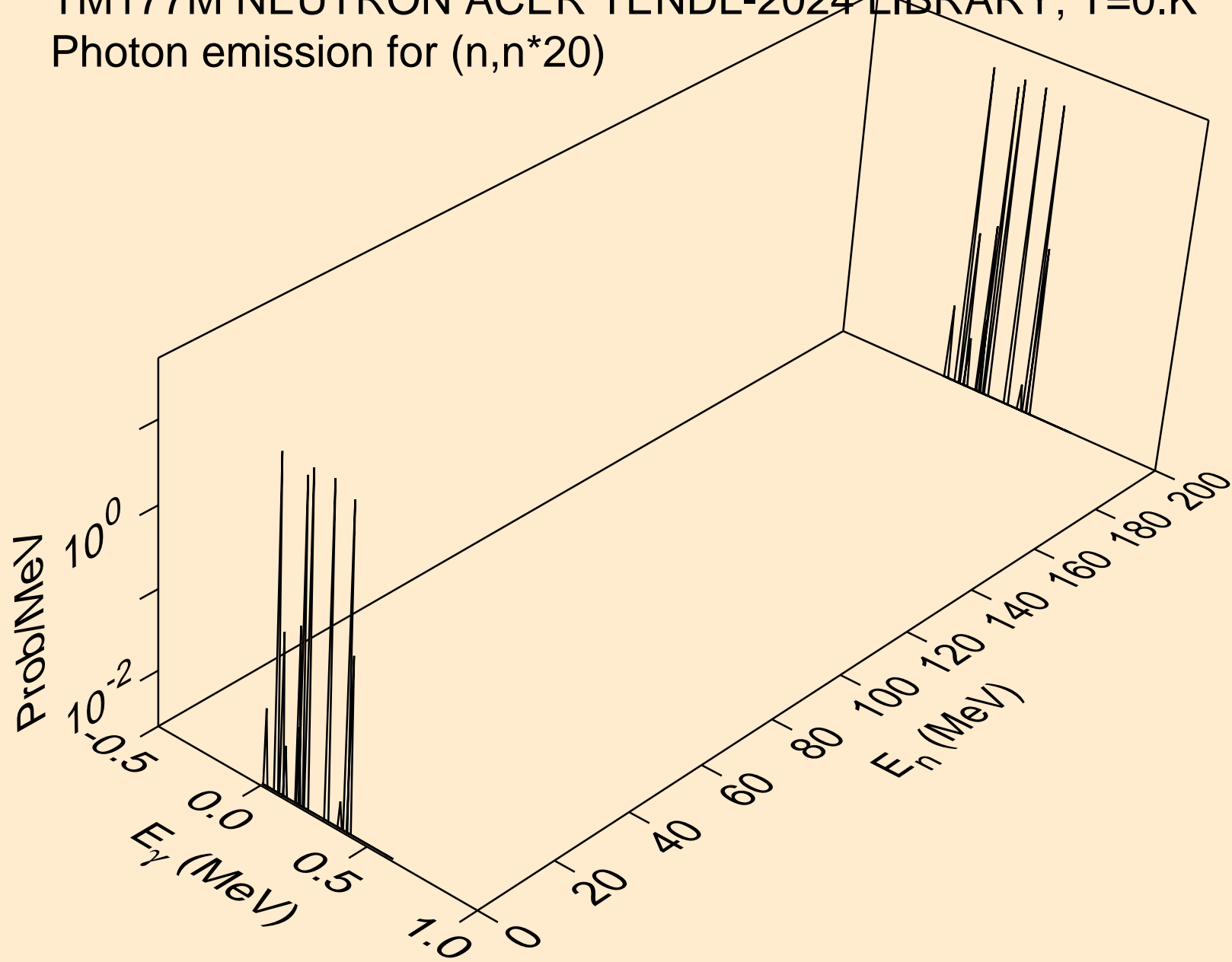


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Photon emission for (n,n\*19)

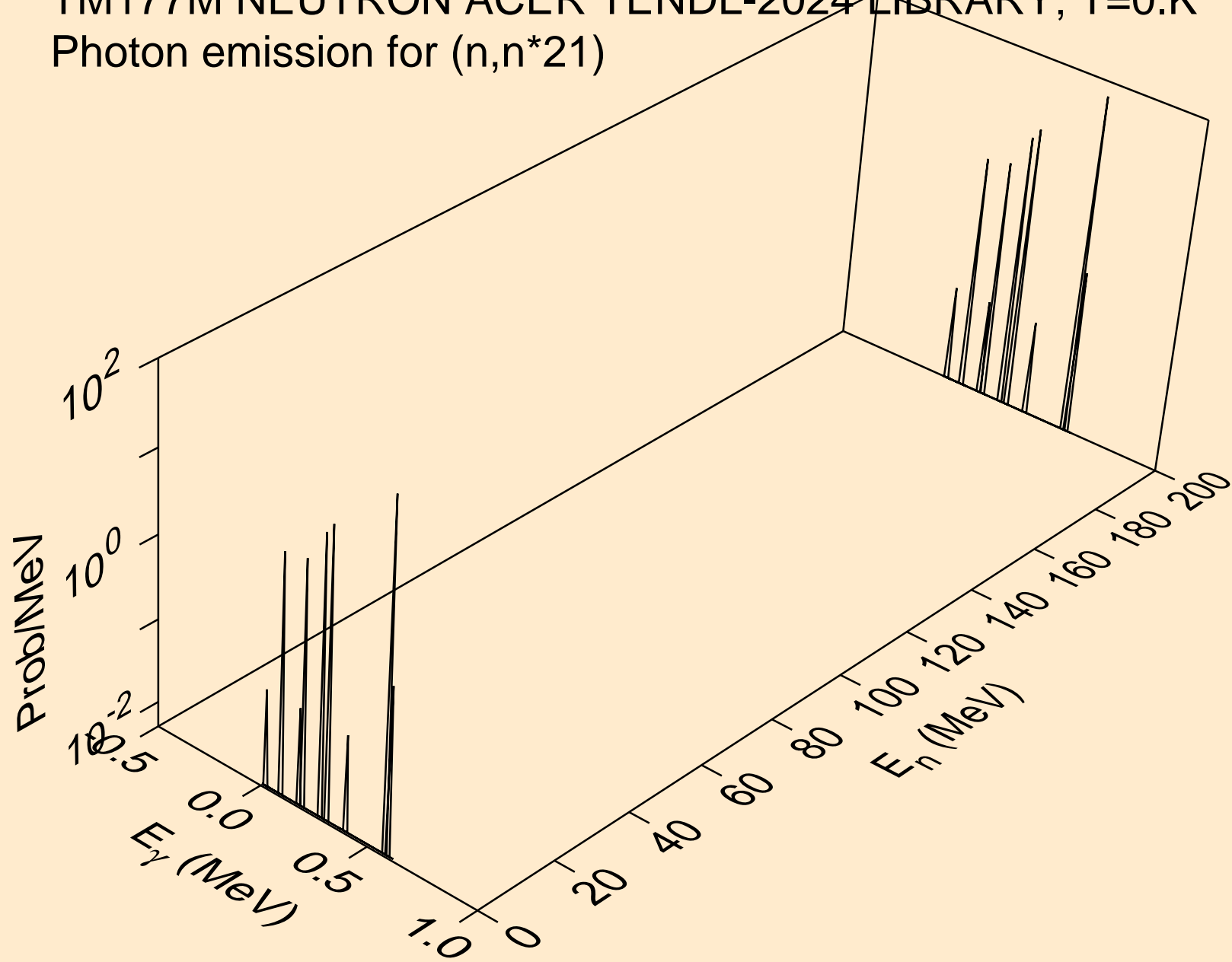




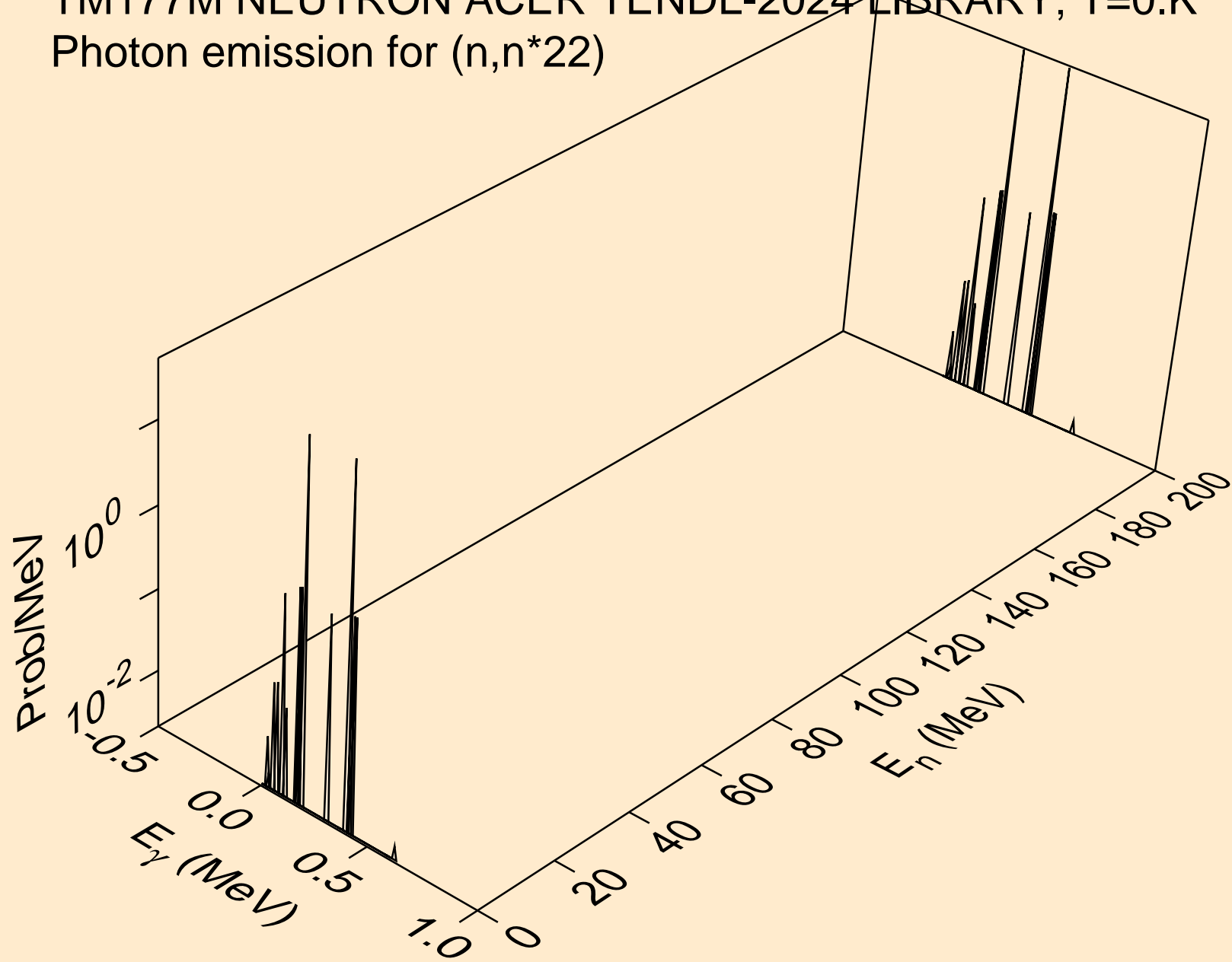
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Photon emission for (n,n\*20)



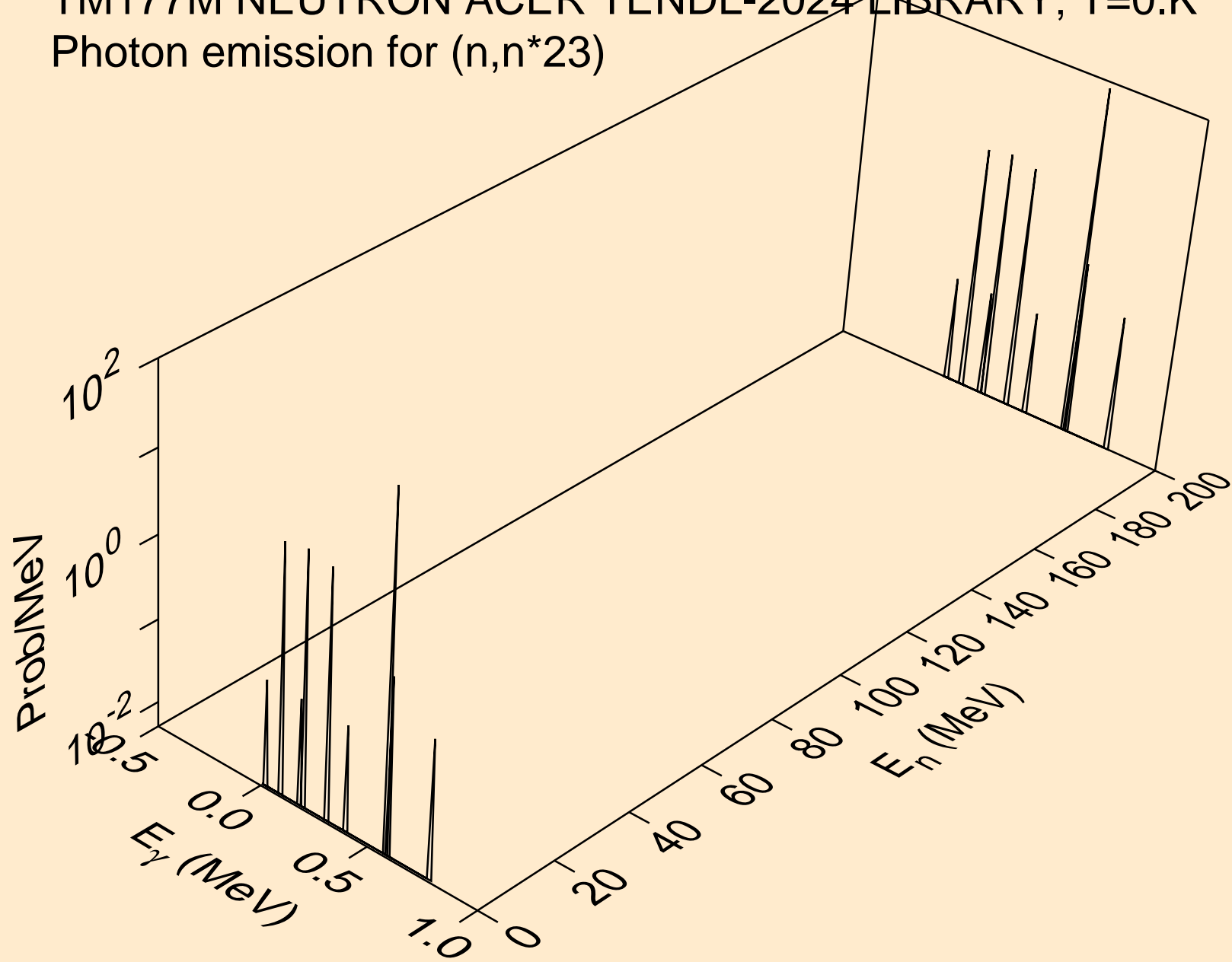
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Photon emission for (n,n\*21)



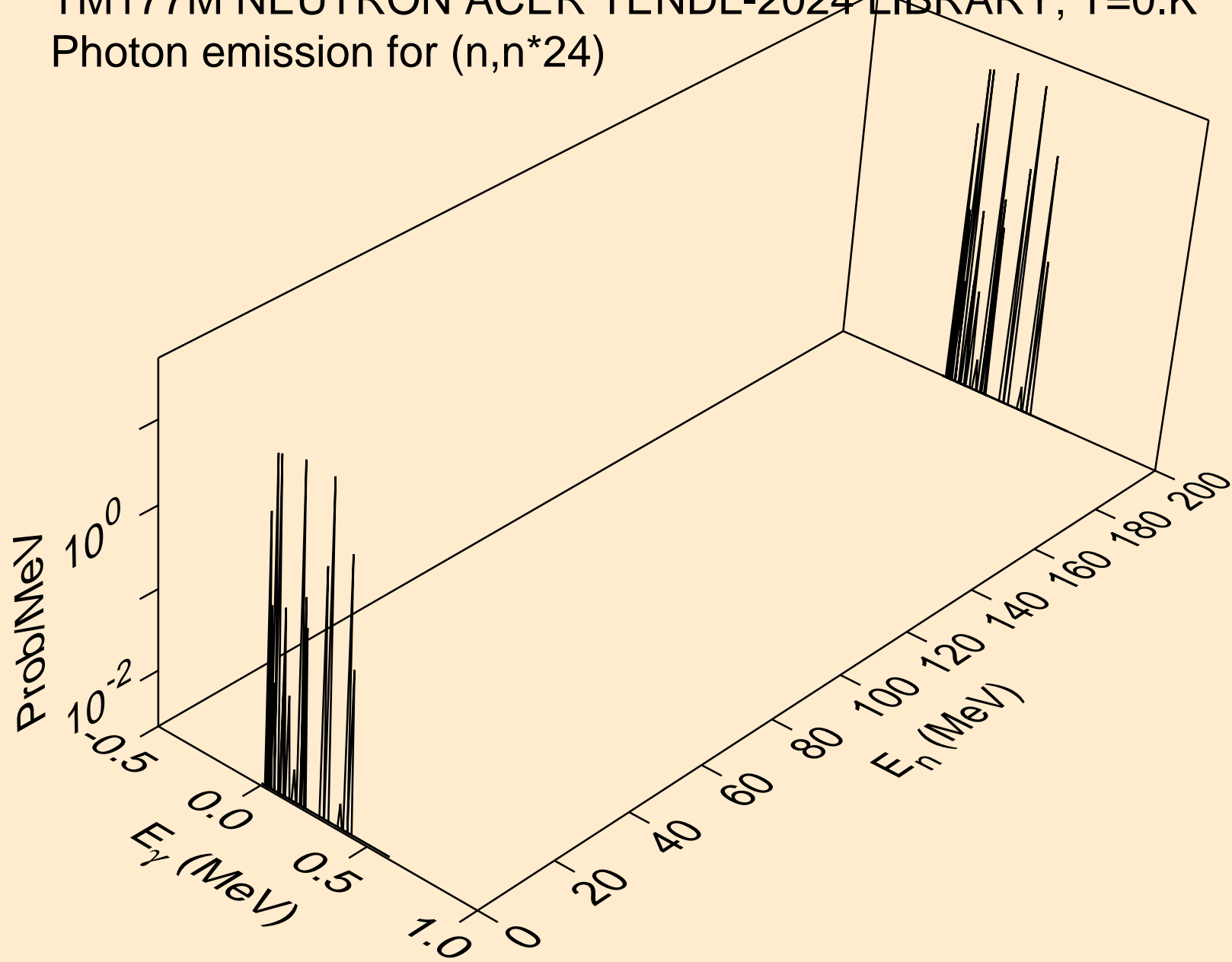
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Photon emission for (n,n\*22)



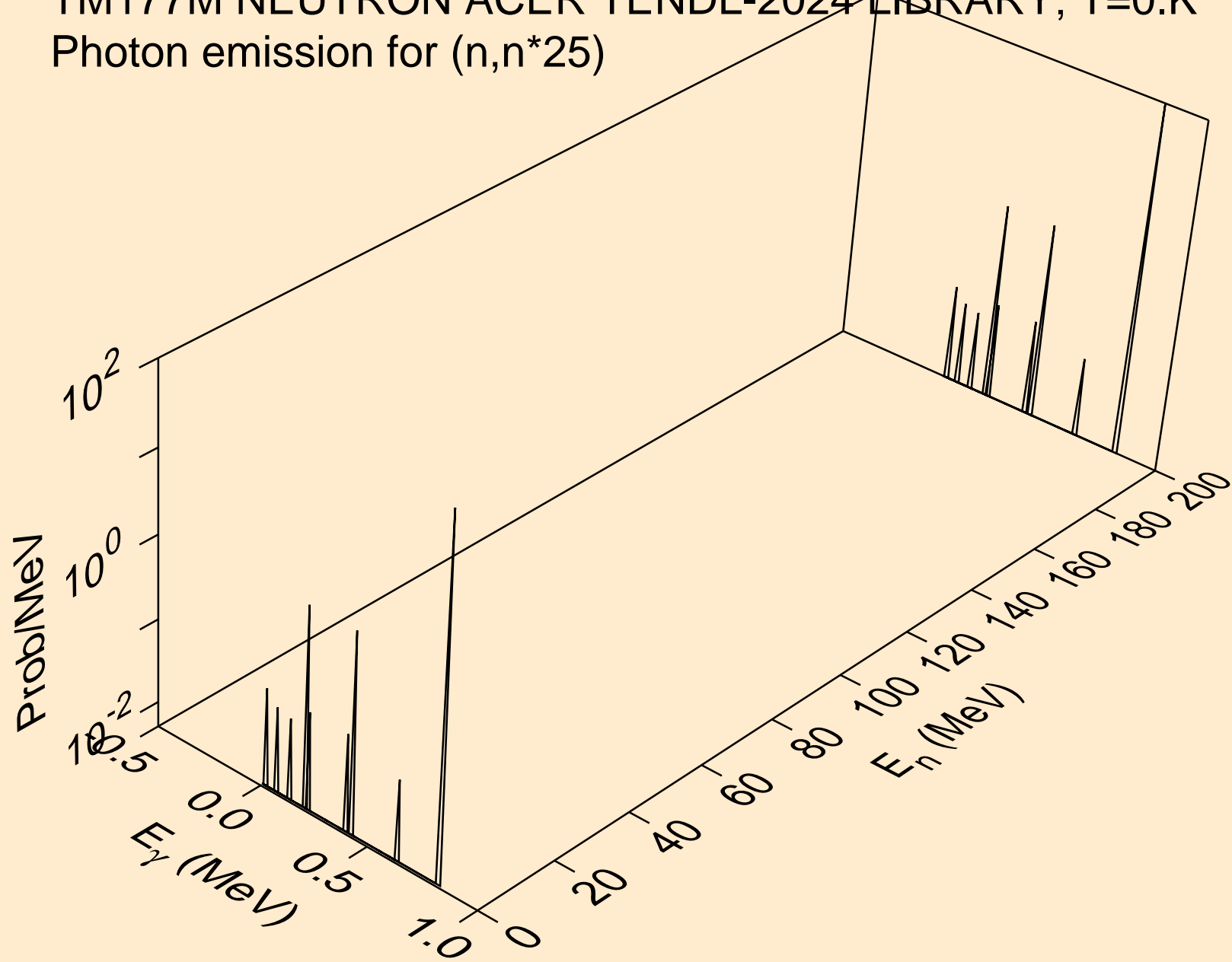
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Photon emission for (n,n\*23)



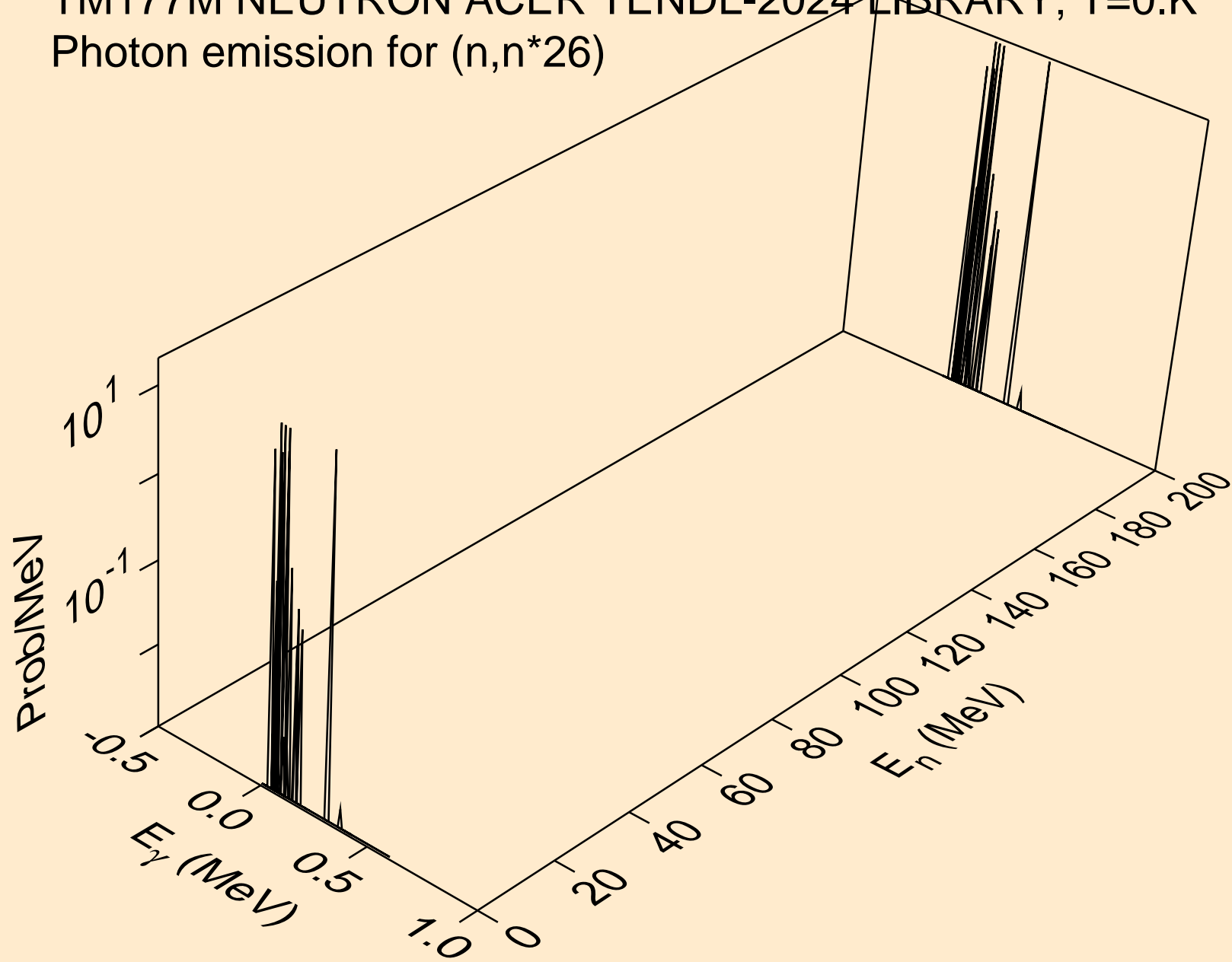
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Photon emission for (n,n\*24)



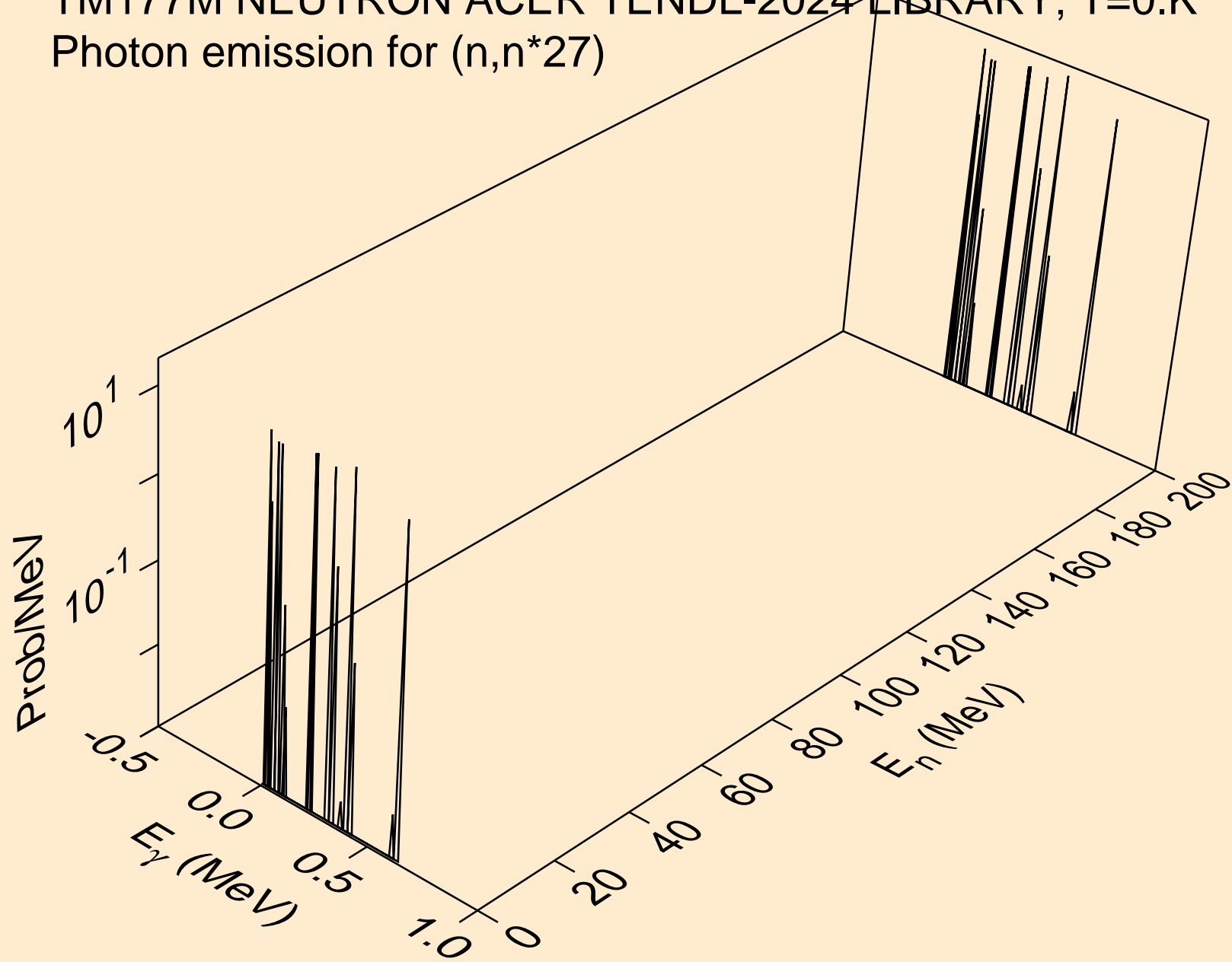
TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*25)



TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*26)

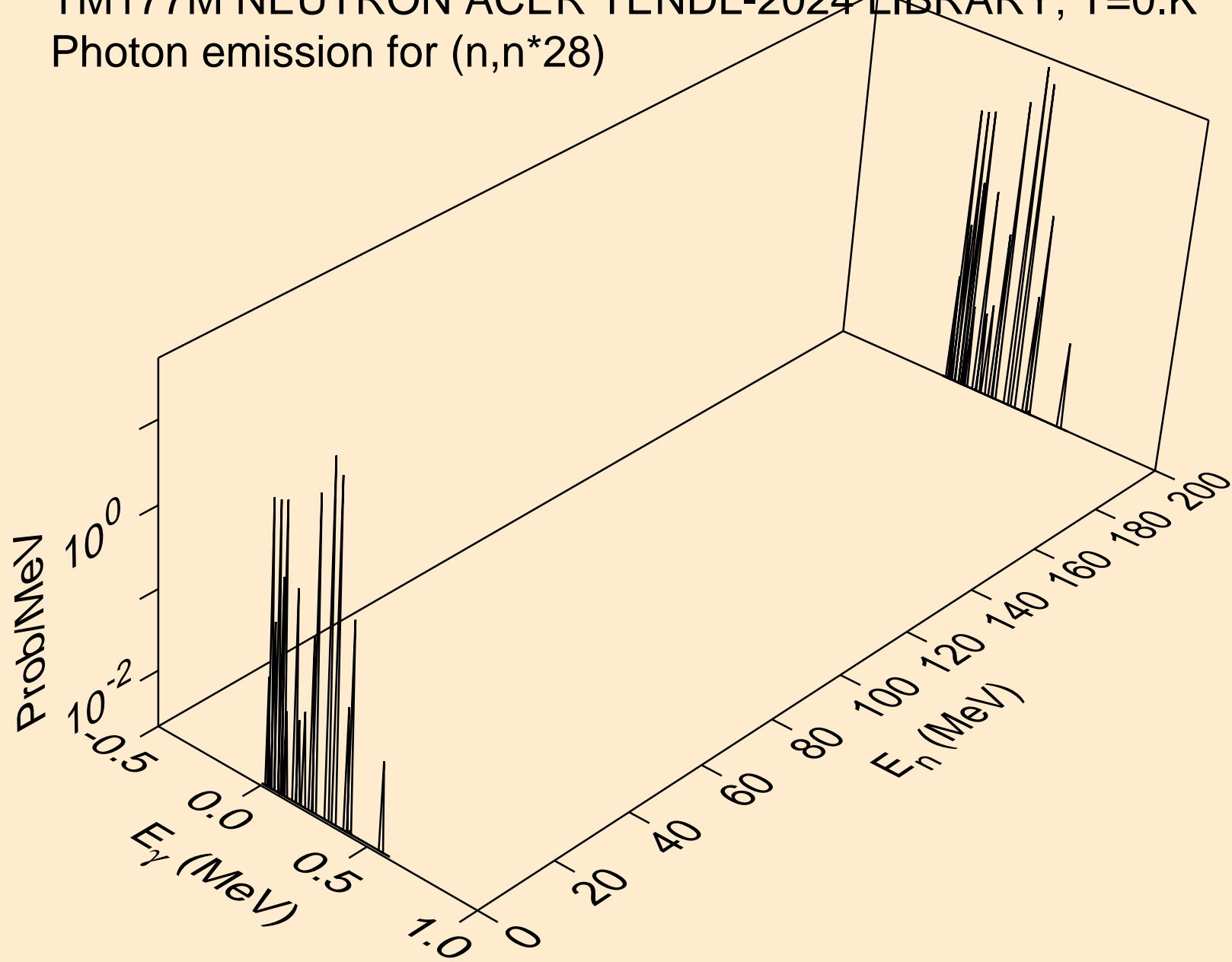


TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*27)

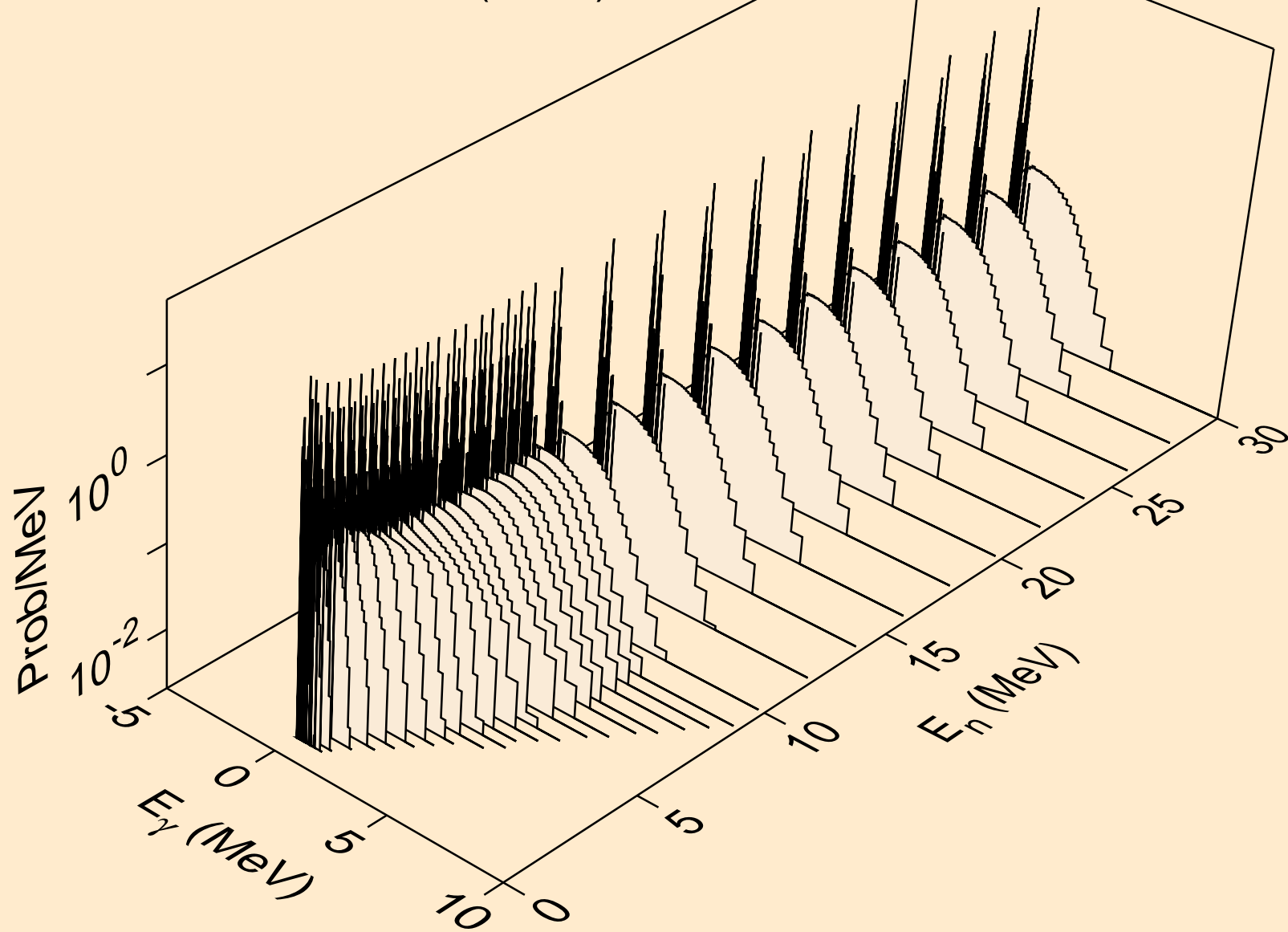




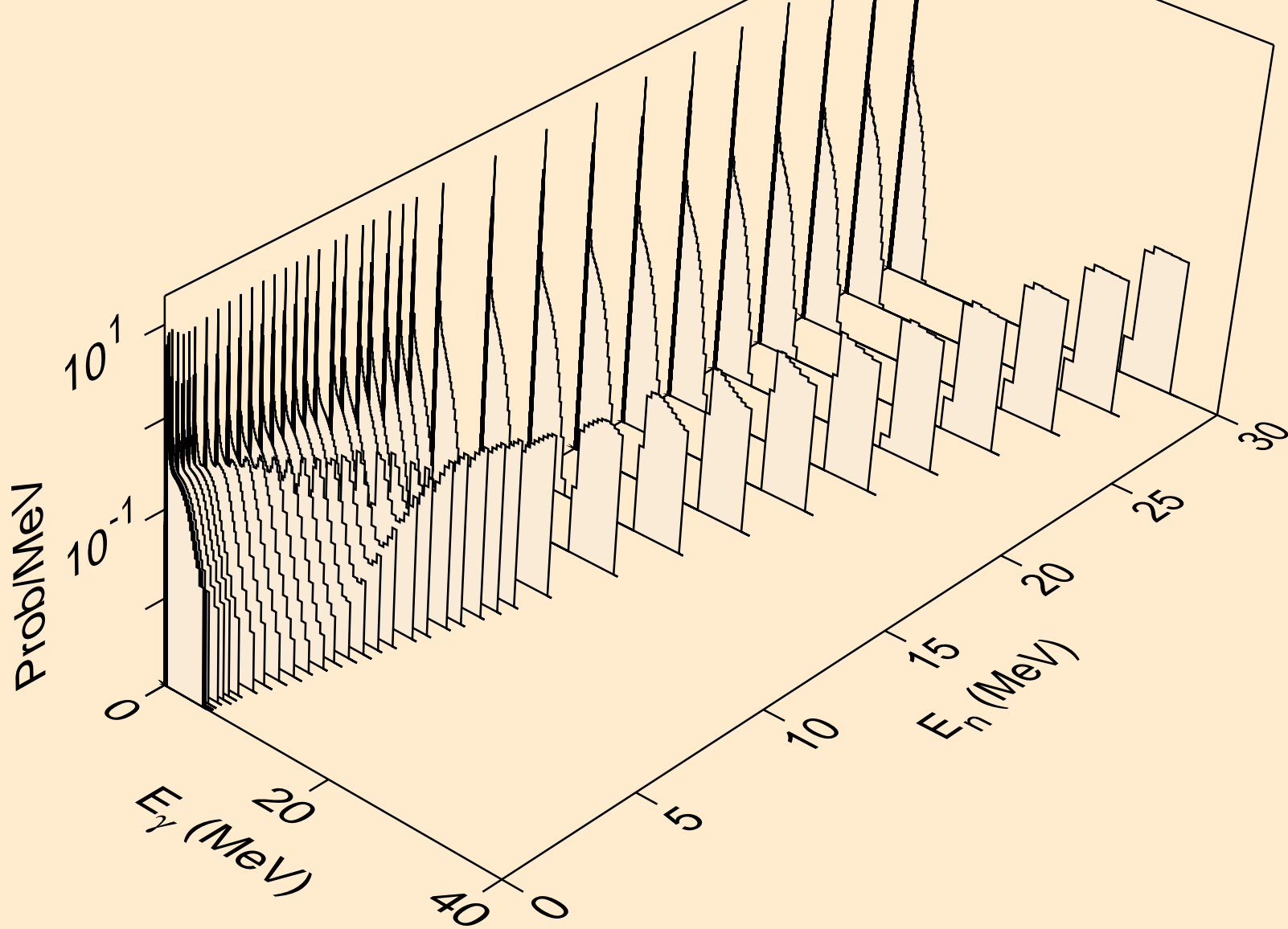
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Photon emission for (n,n\*28)



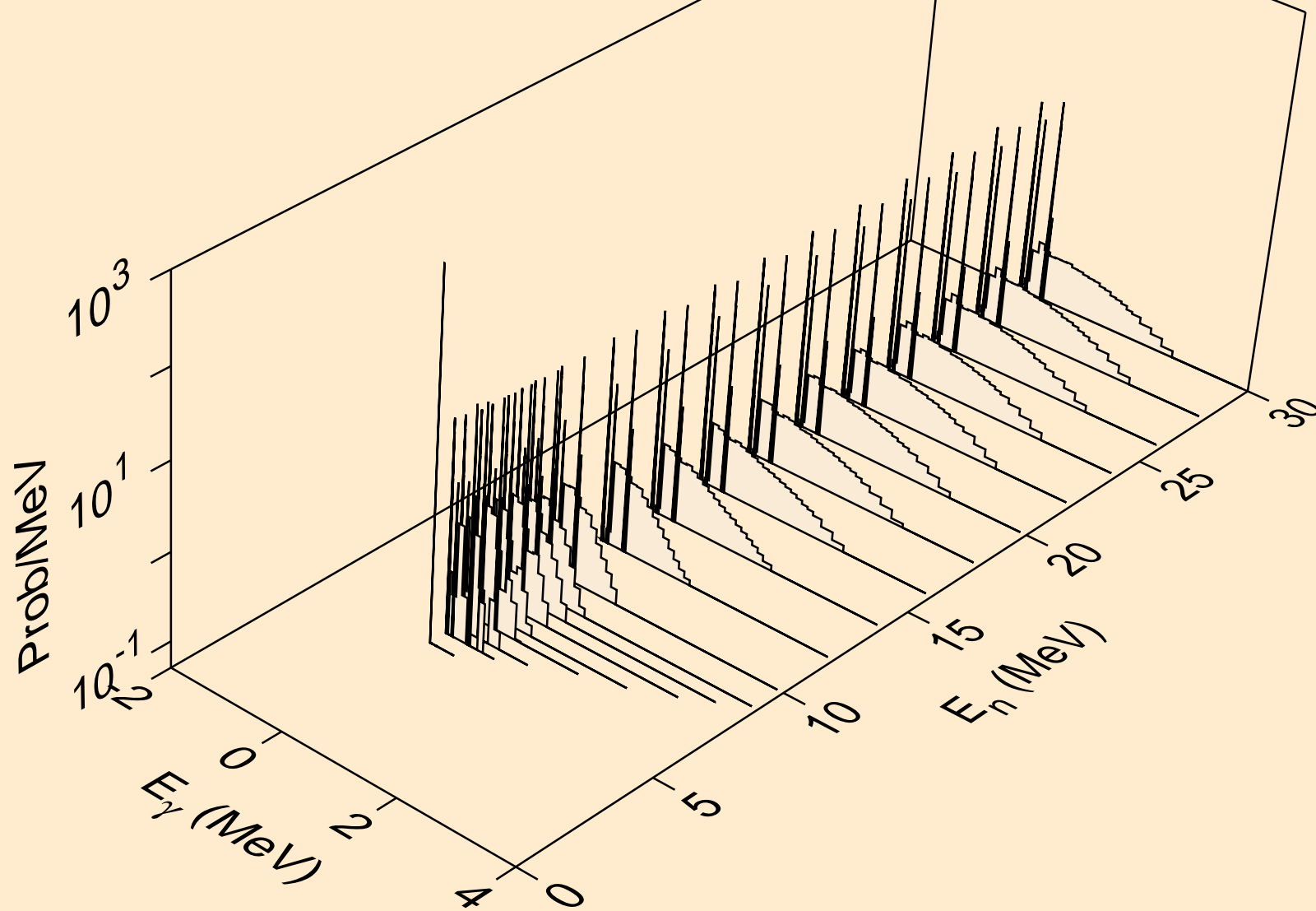
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Photon emission for (n,n\*c)



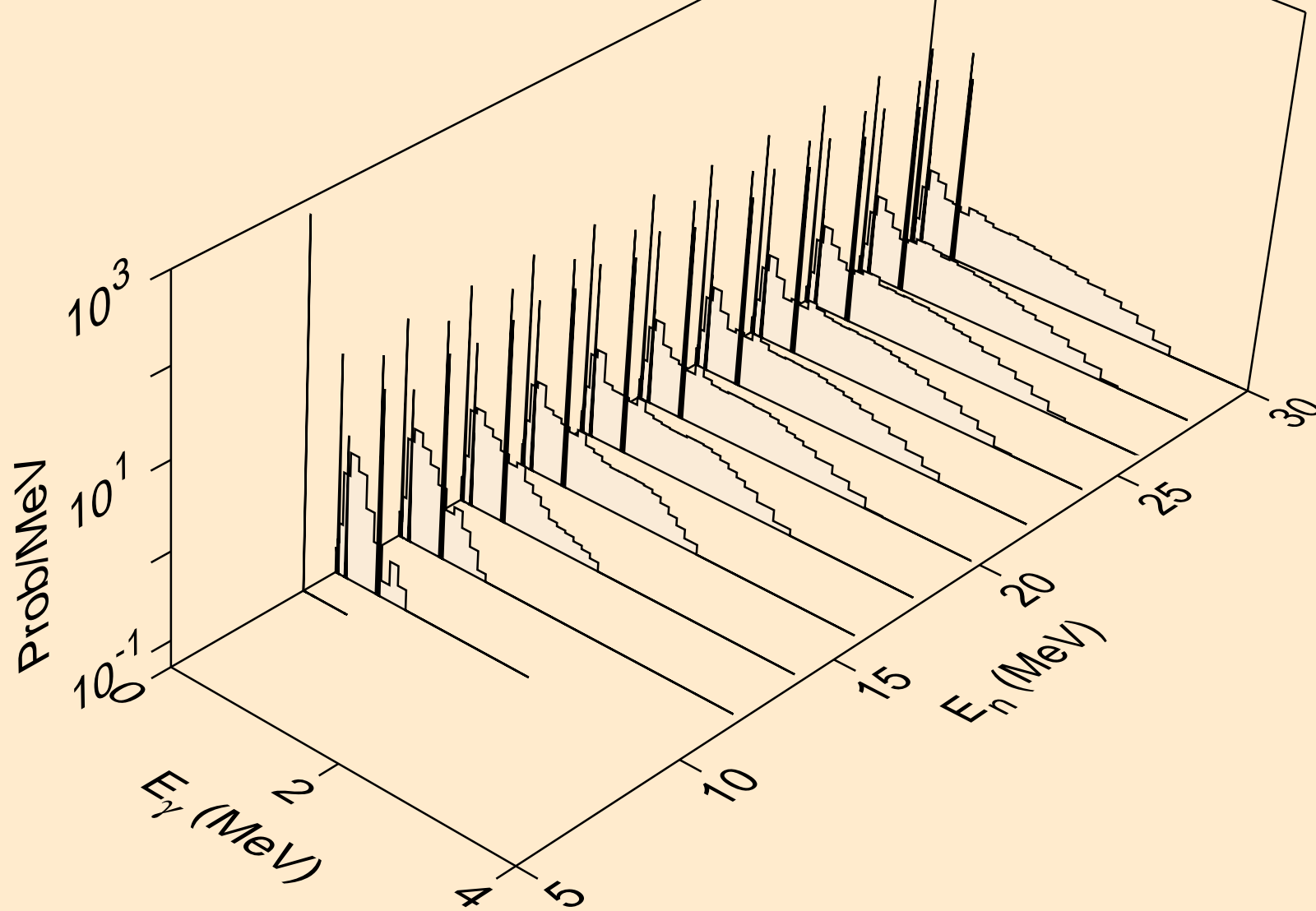
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Photon emission for (n,gma)



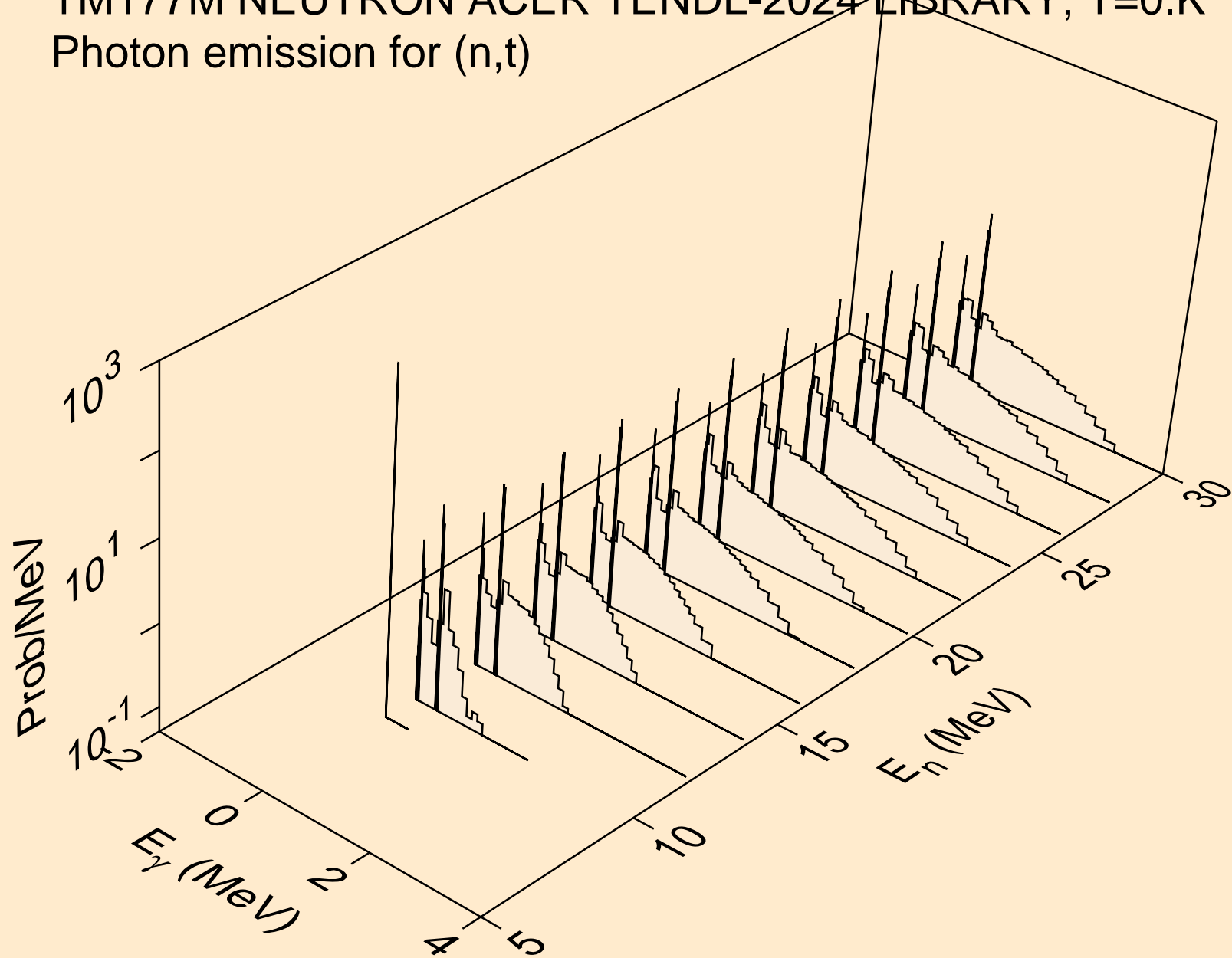
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Photon emission for (n,p)



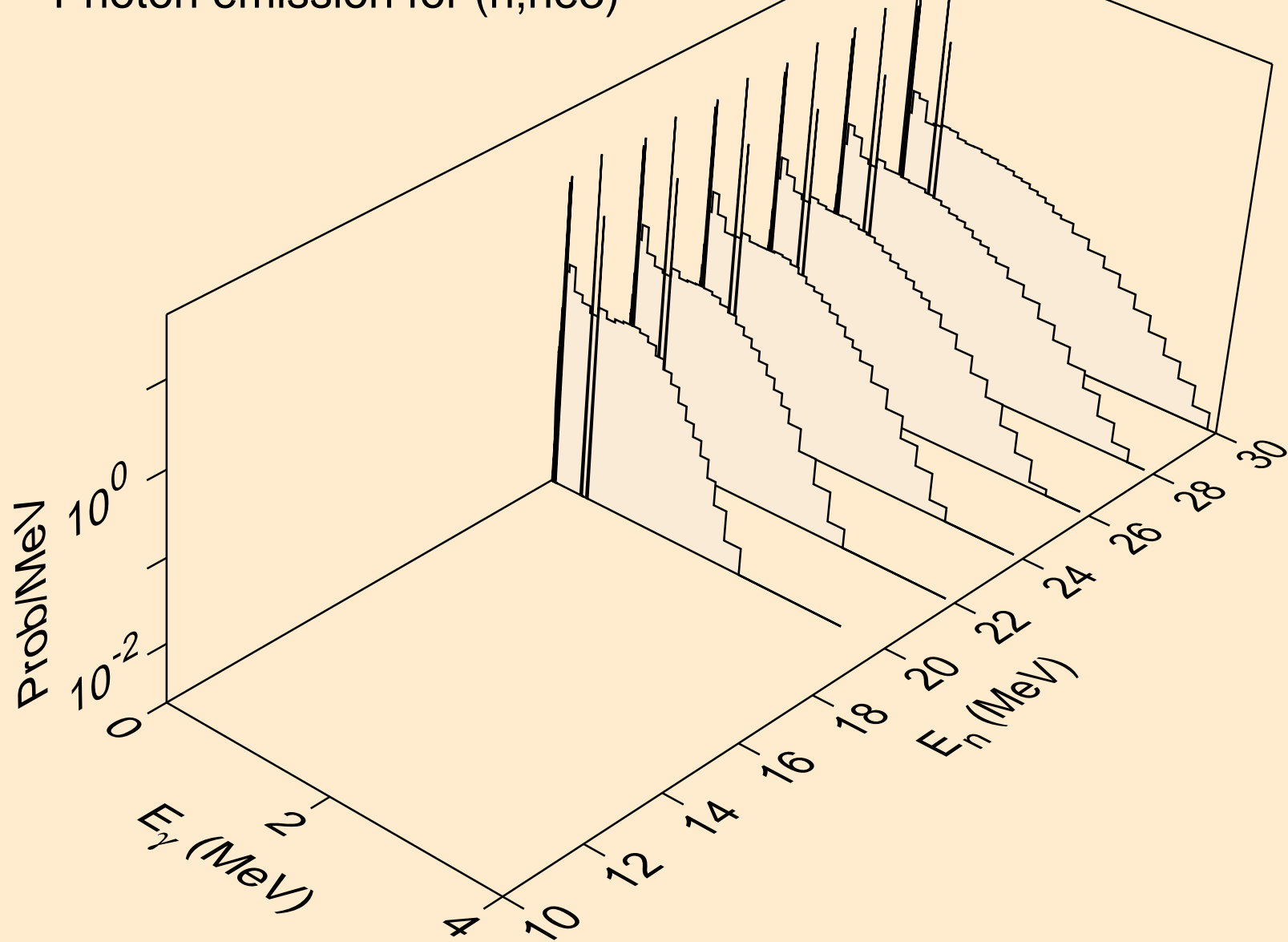
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Photon emission for (n,d)



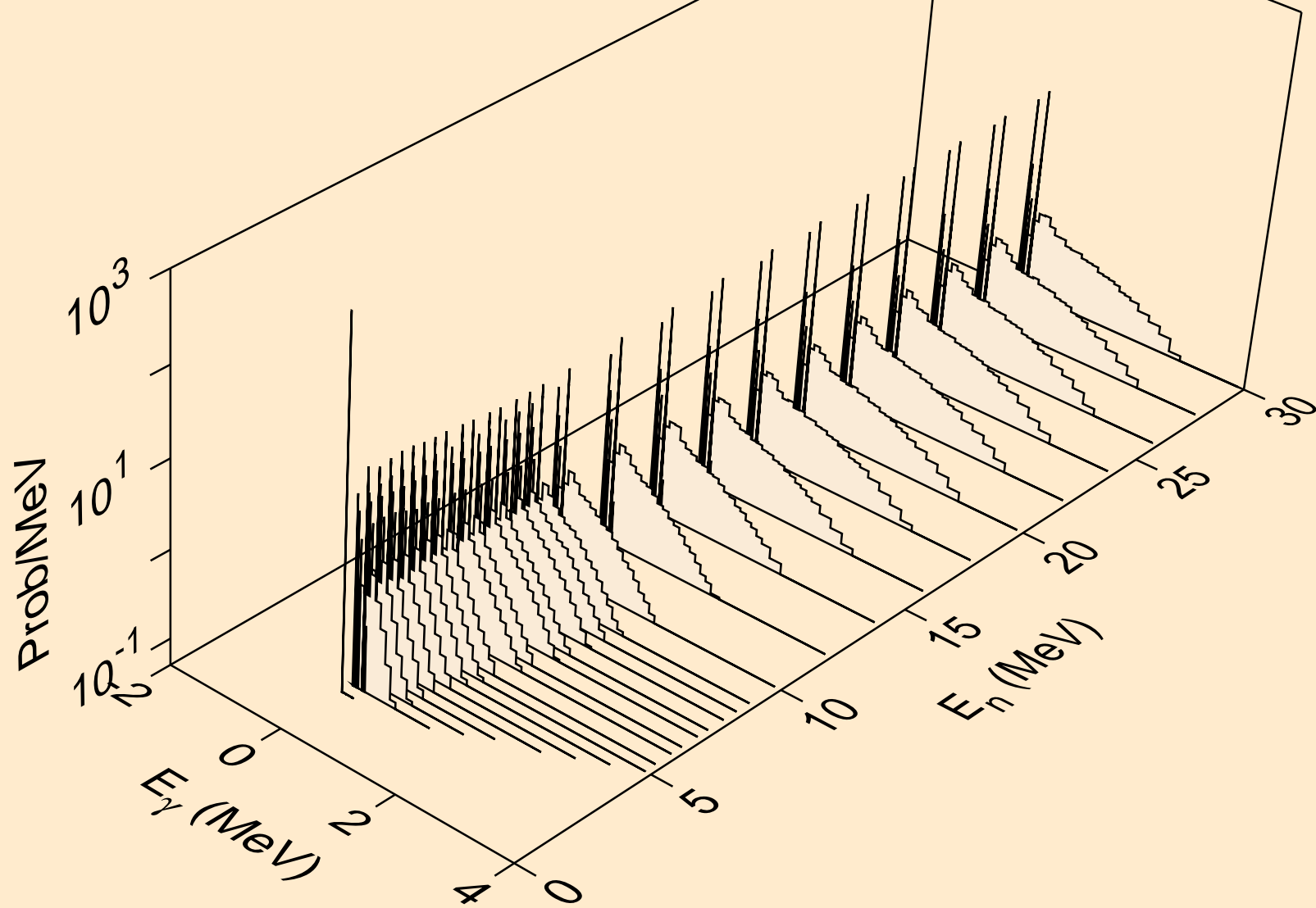
TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)

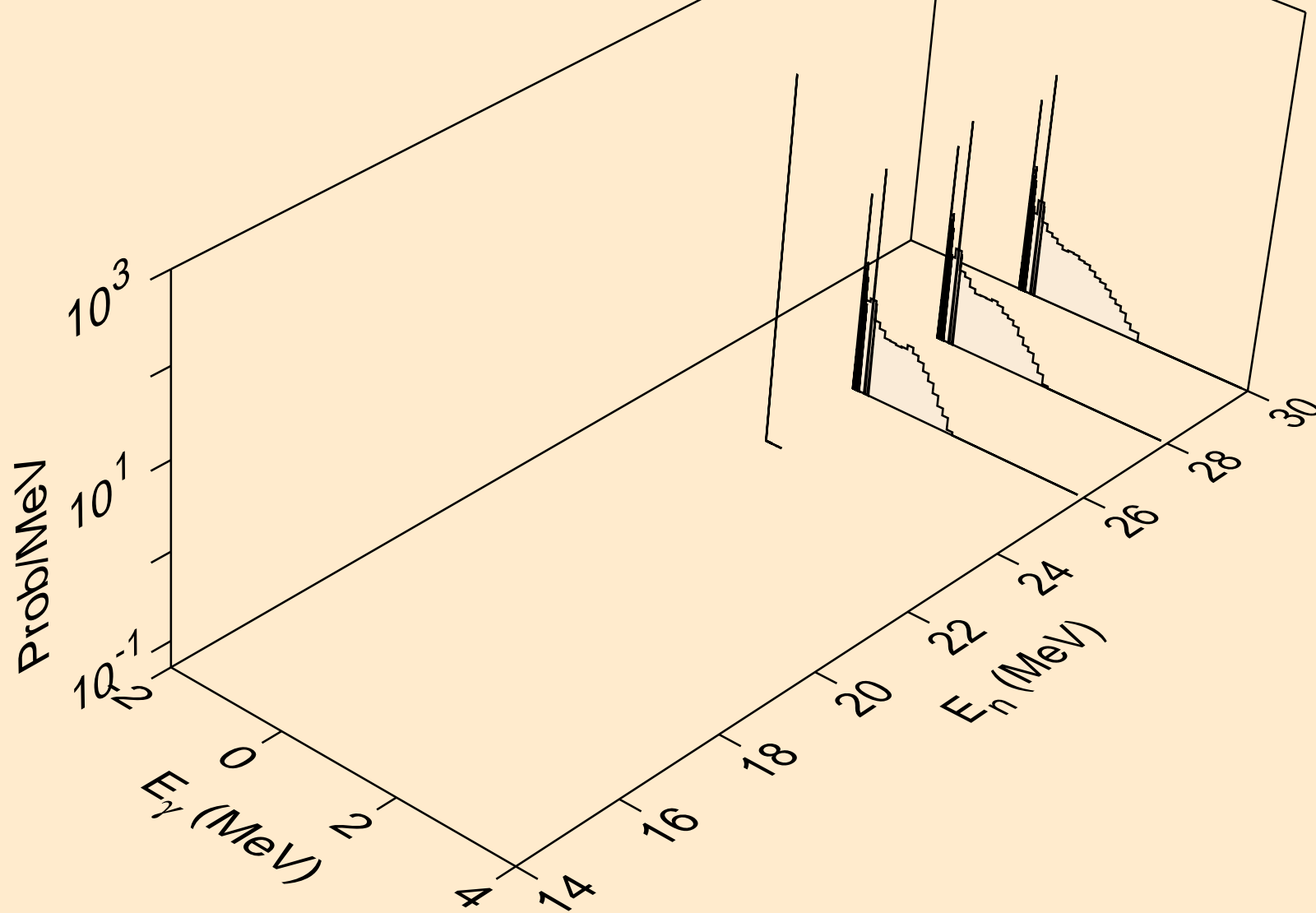


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Photon emission for (n,a)

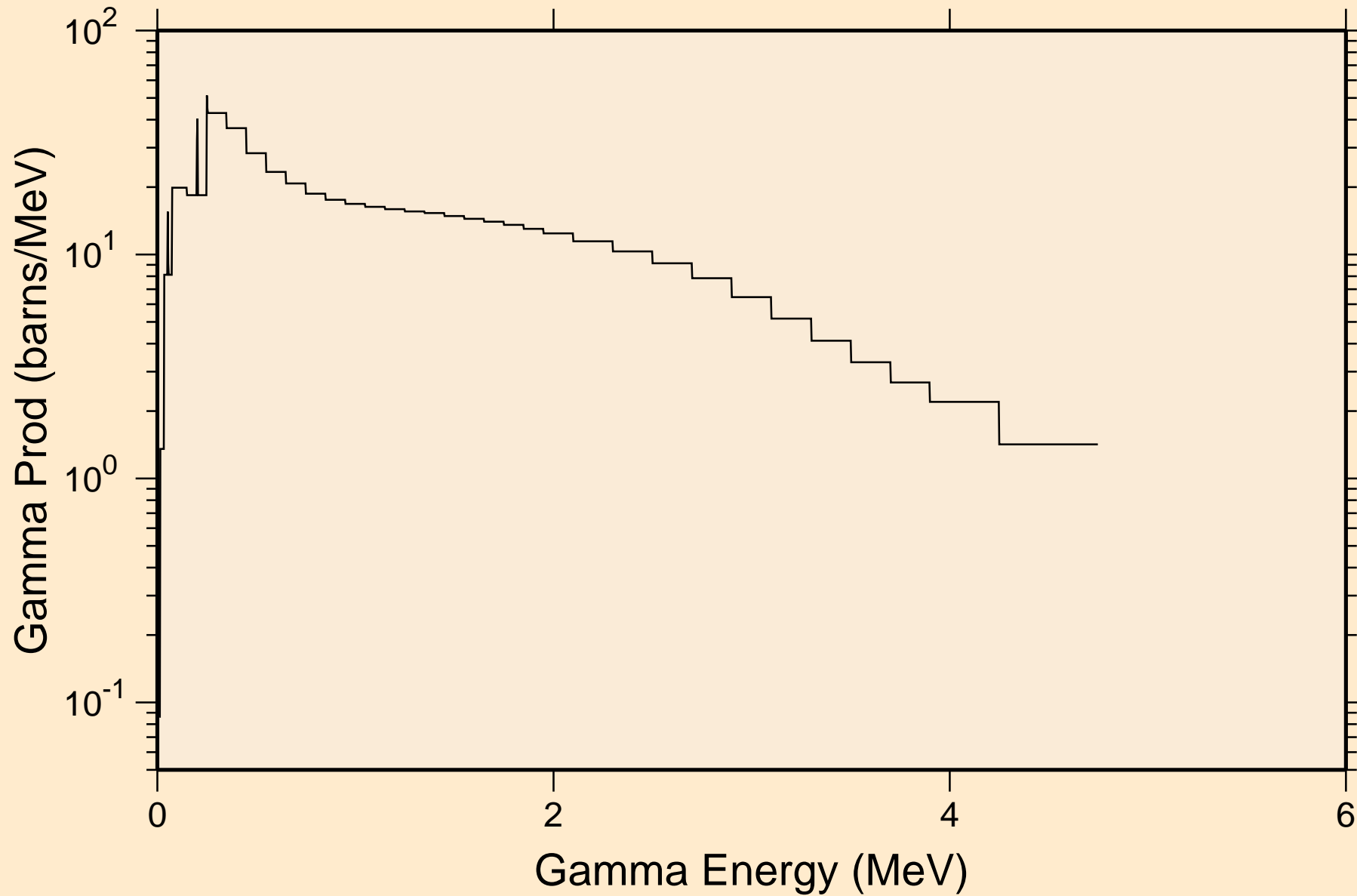




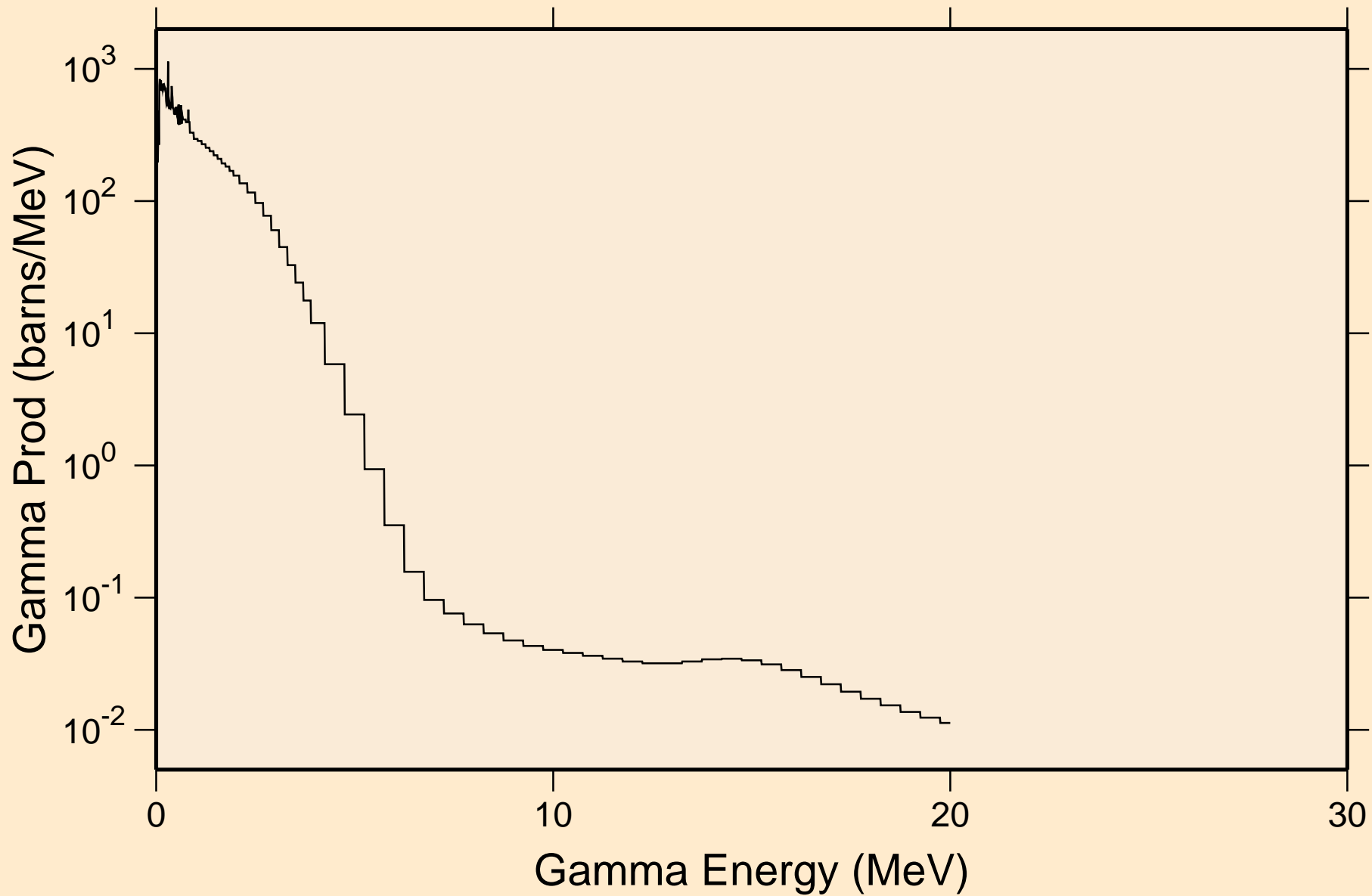
TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

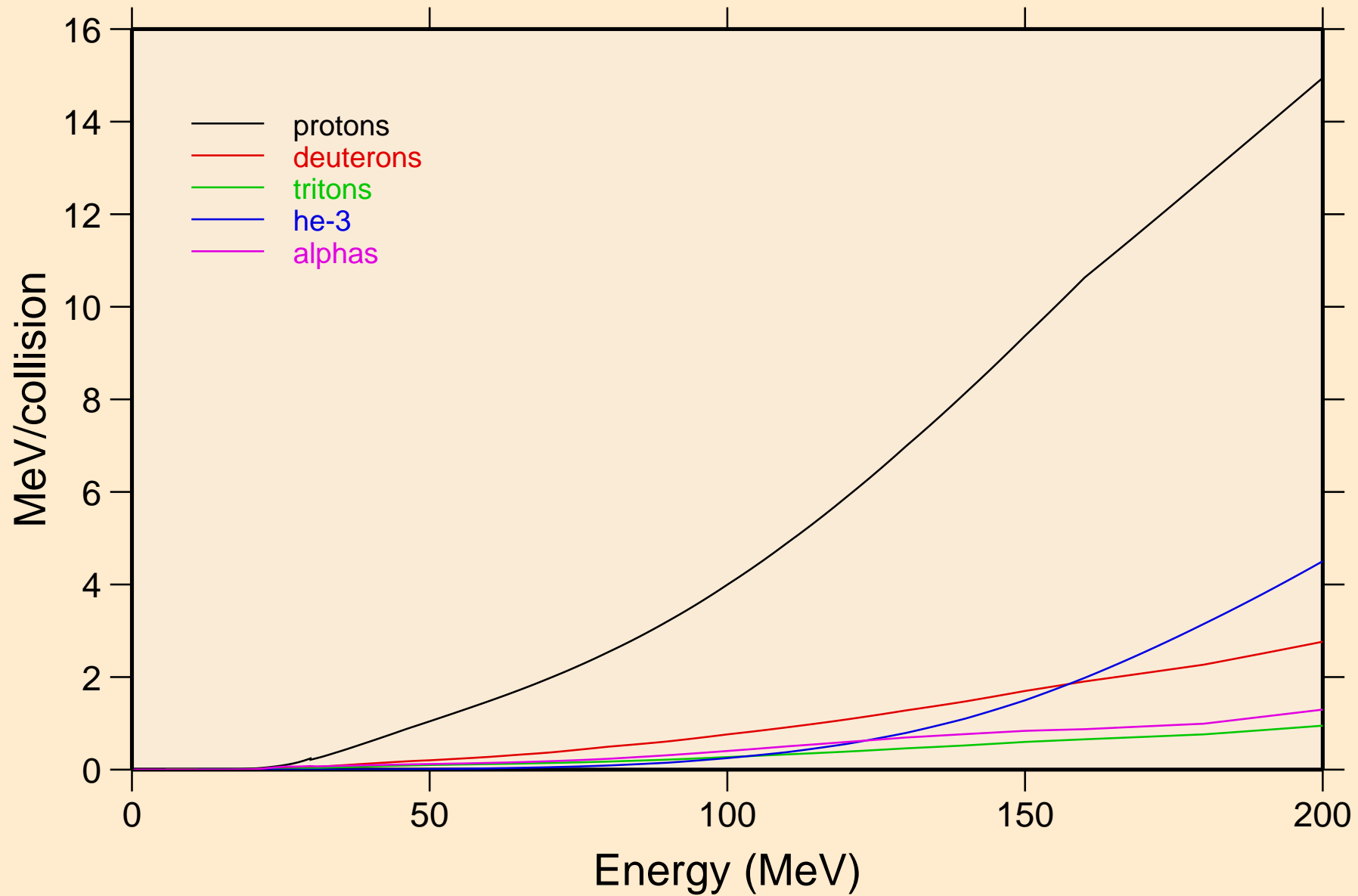


TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

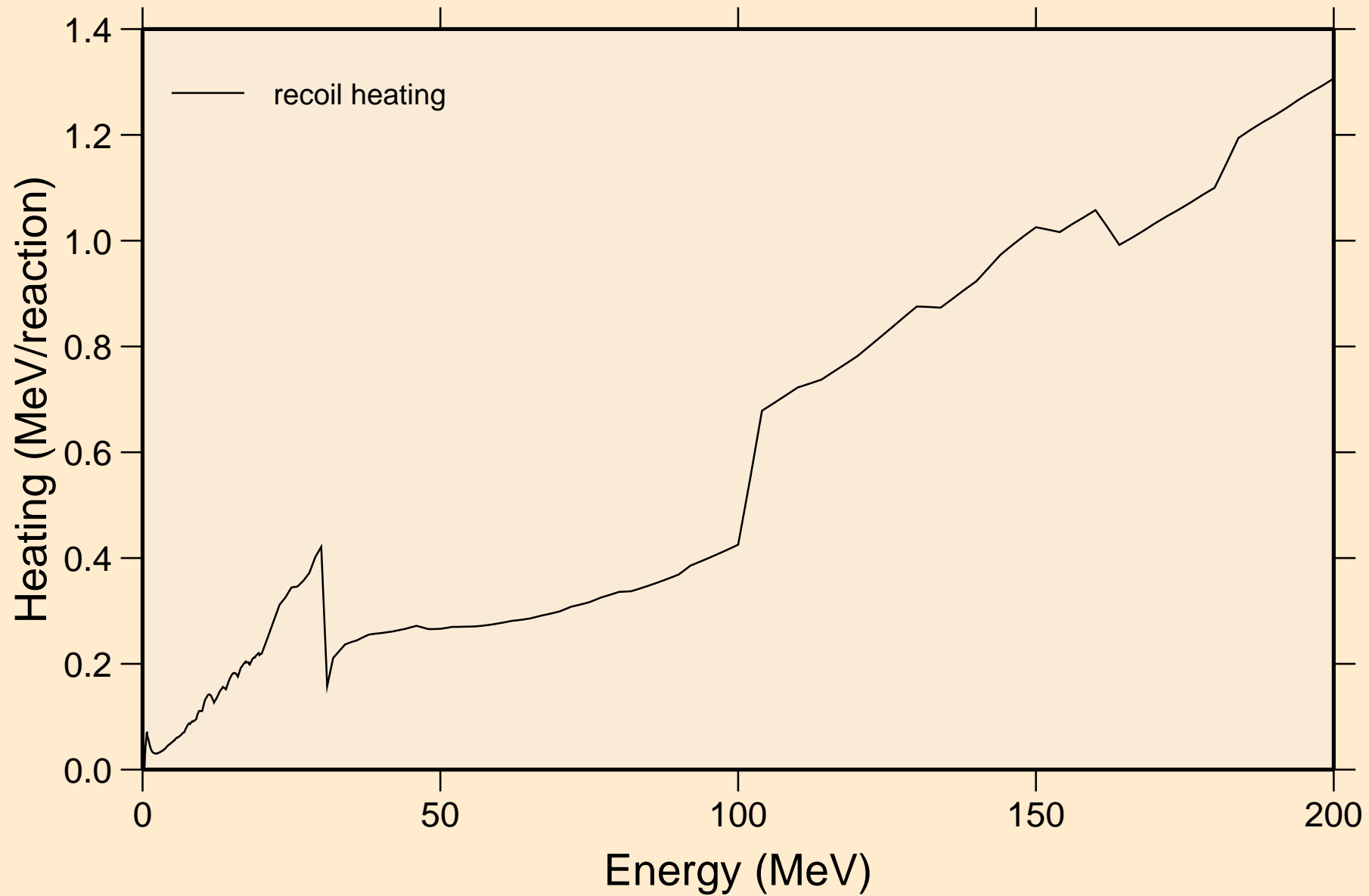


# TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions

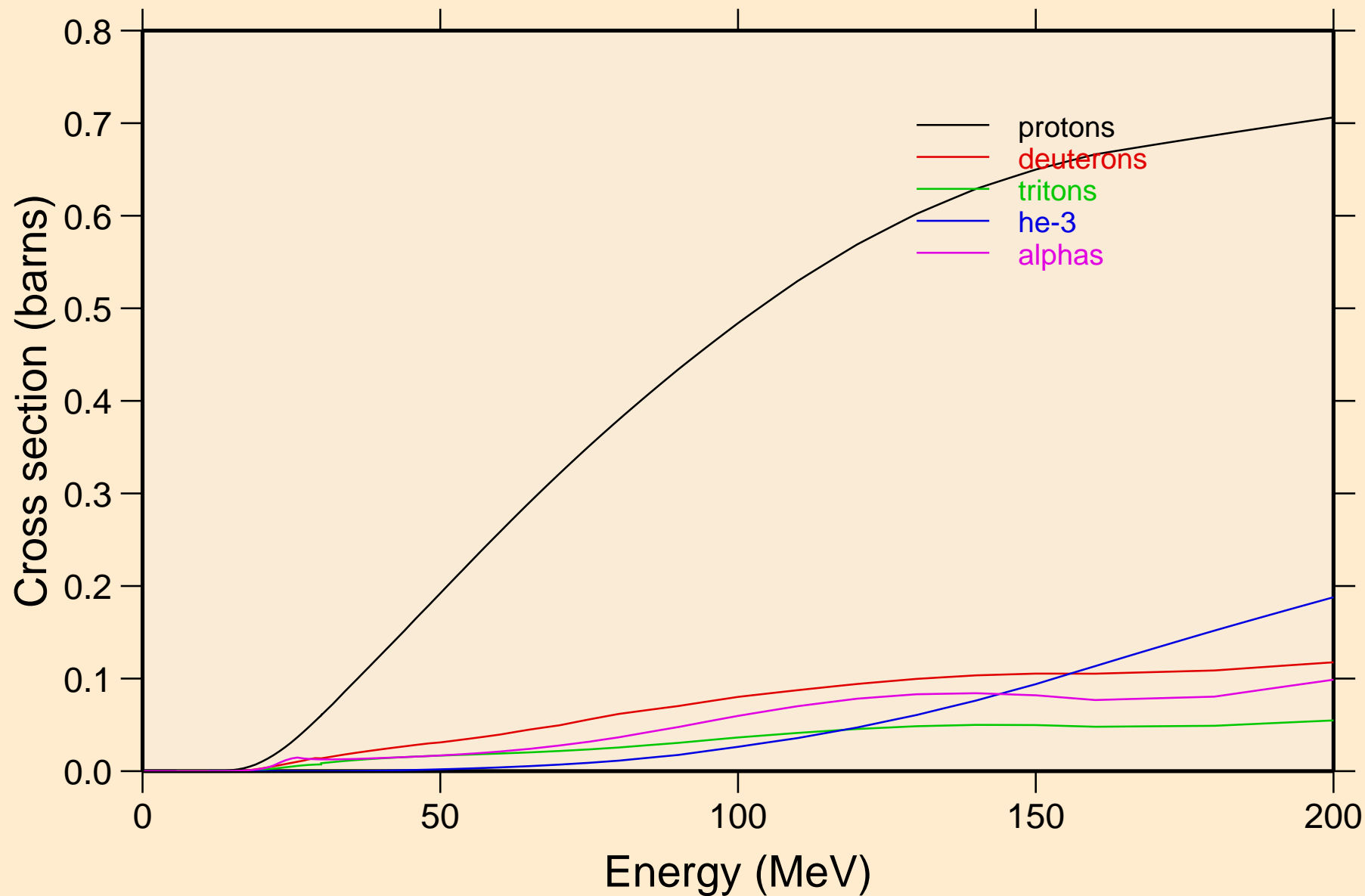


TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating

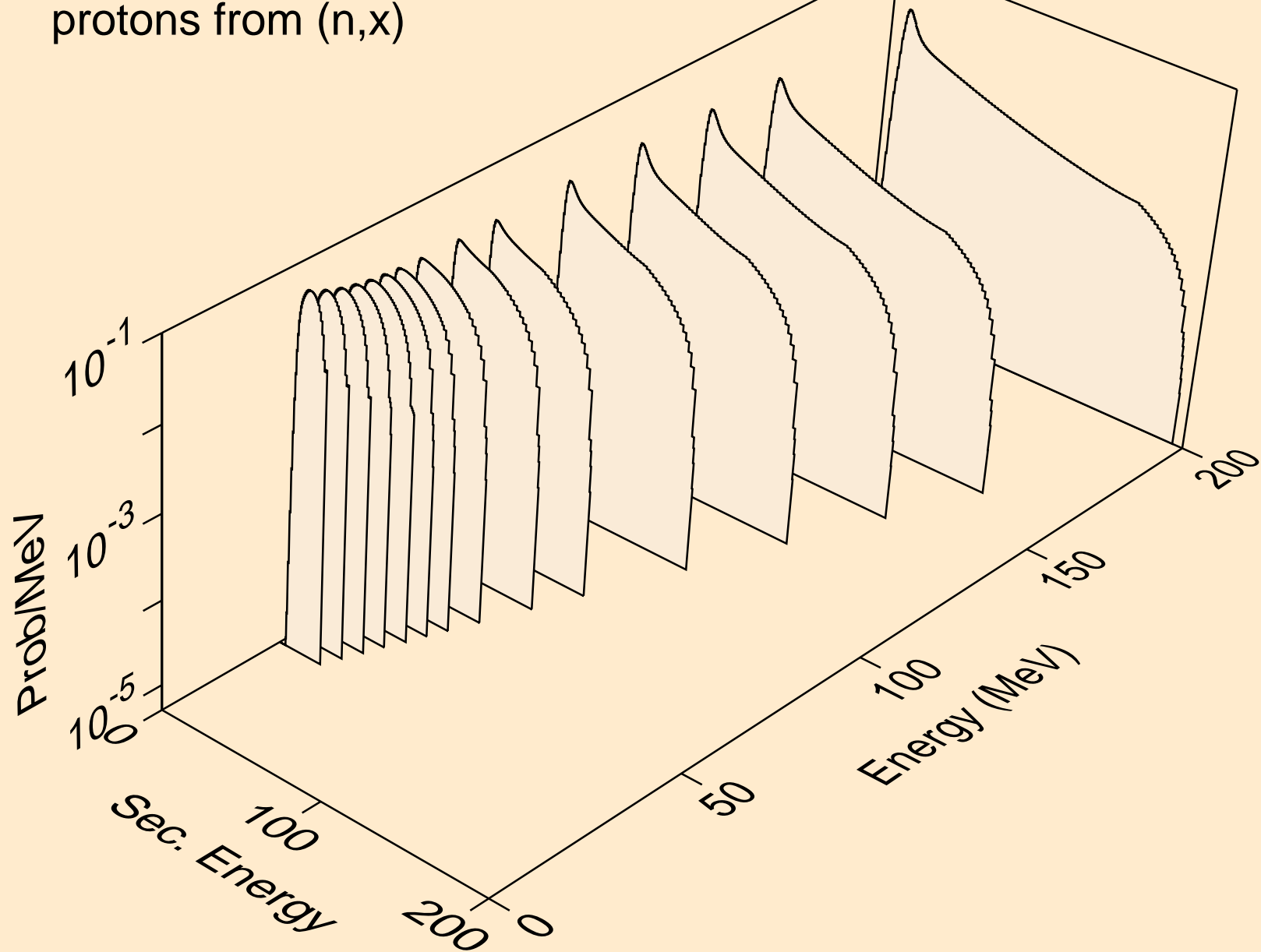


# TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

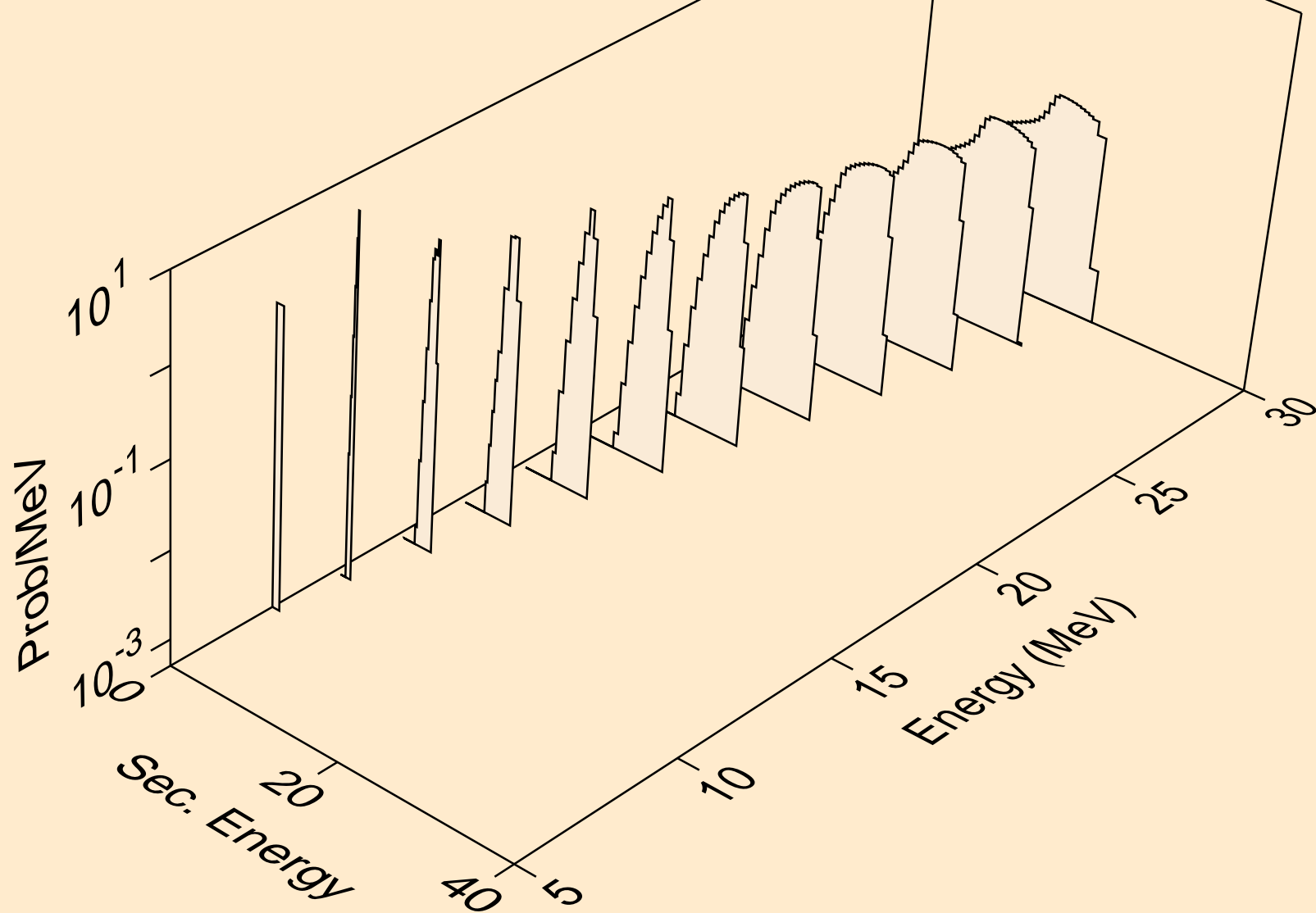
## Particle production cross sections



TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)

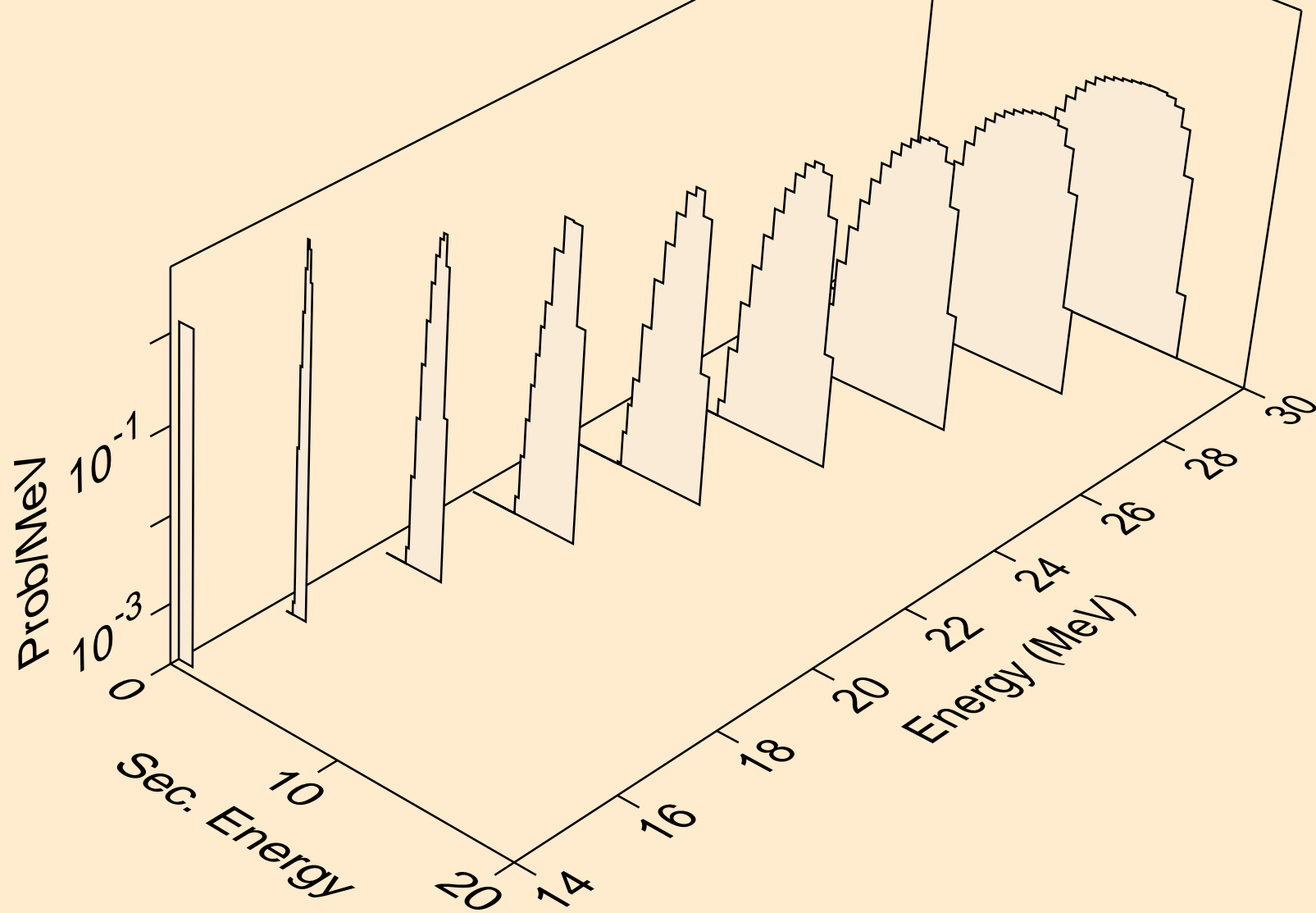


TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p

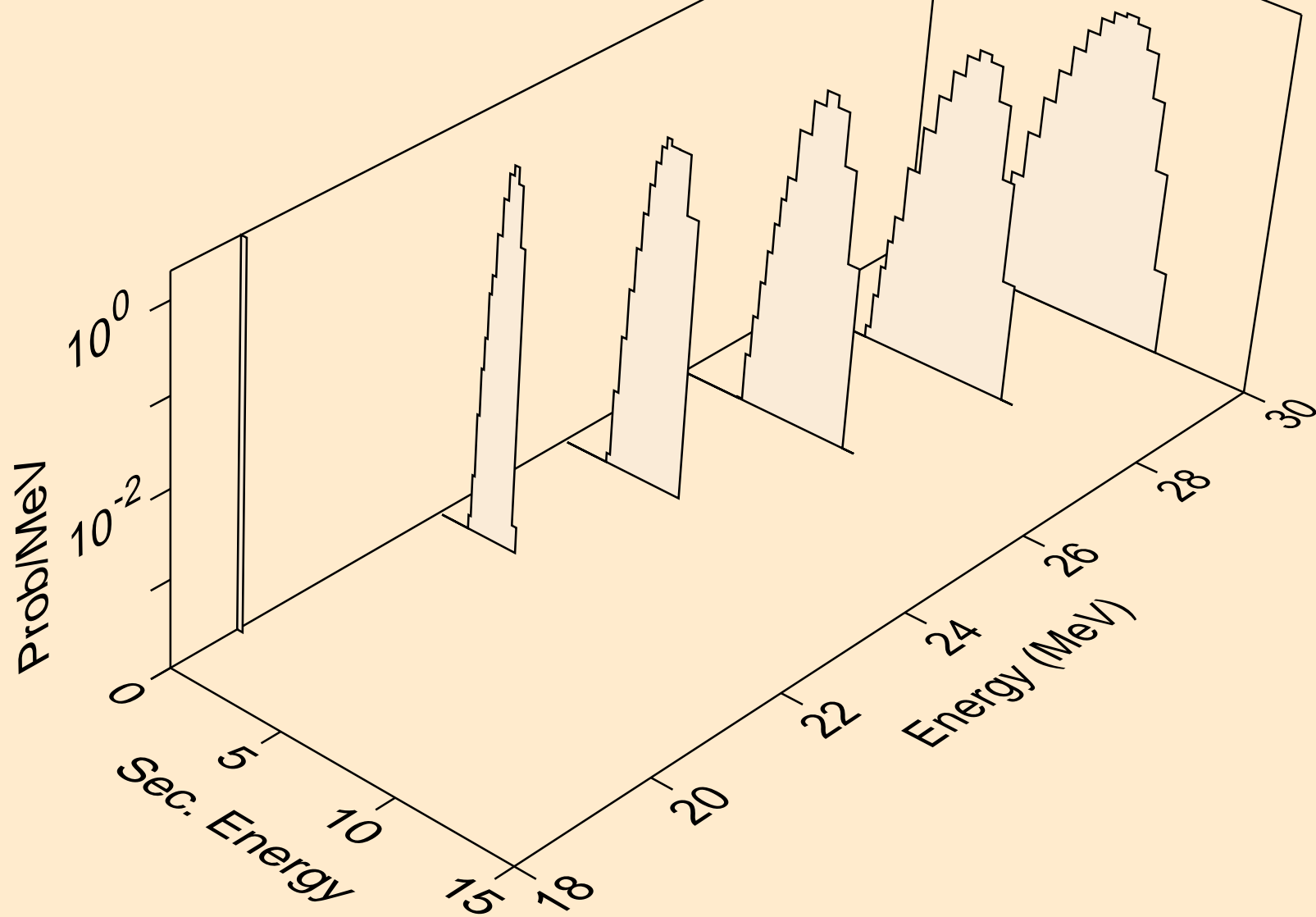




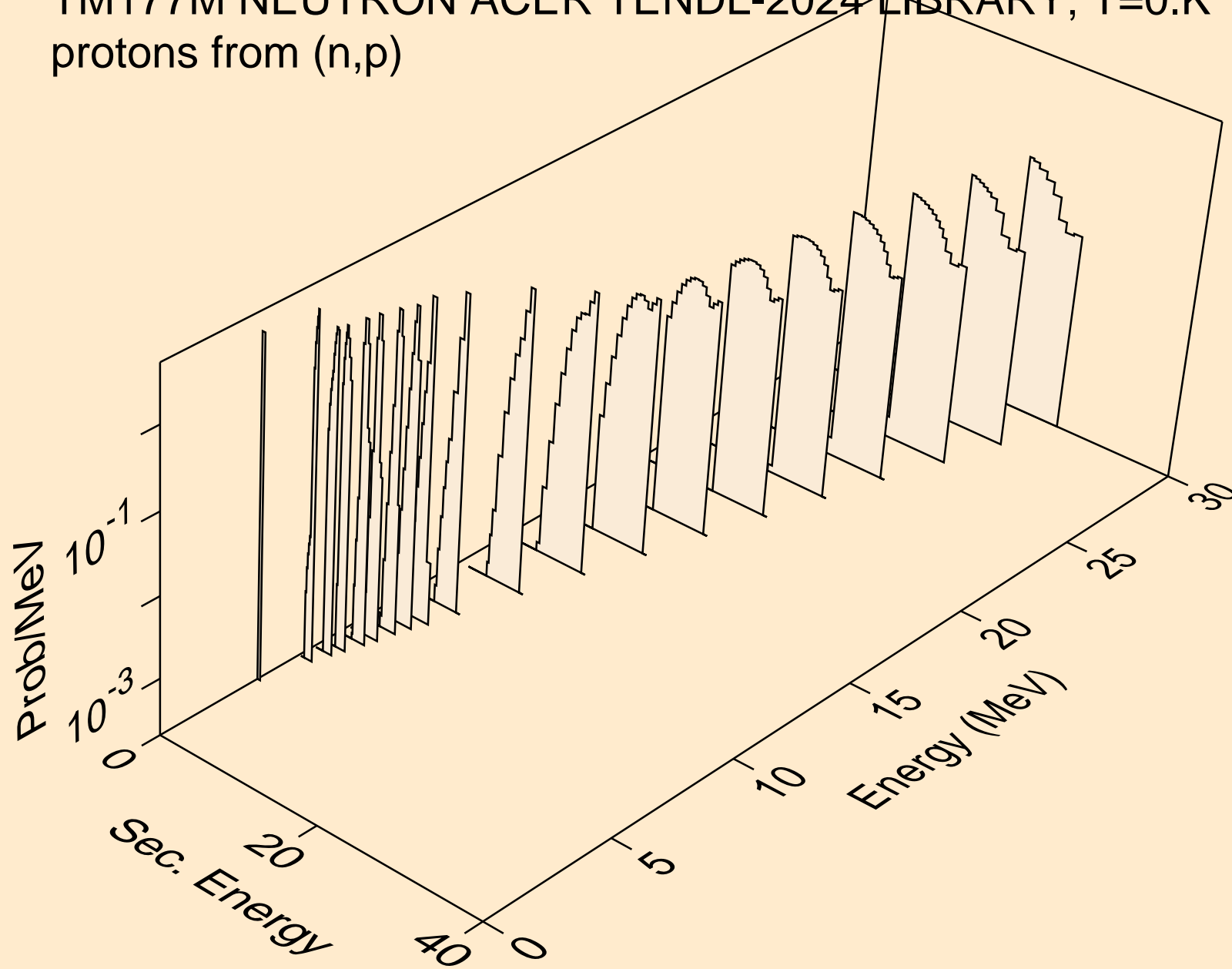
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protons from (n,2np)



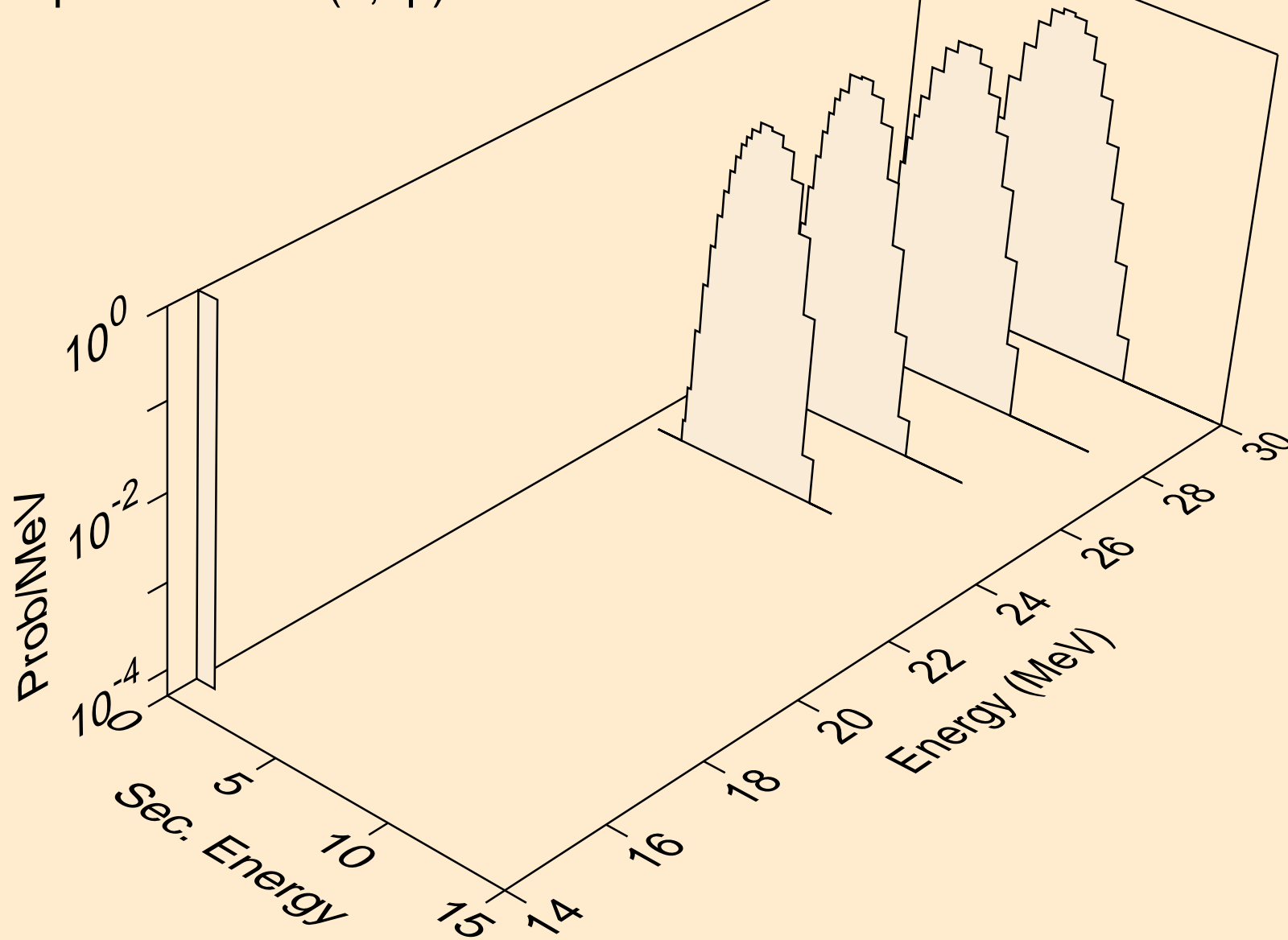
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protons from (n,3np)



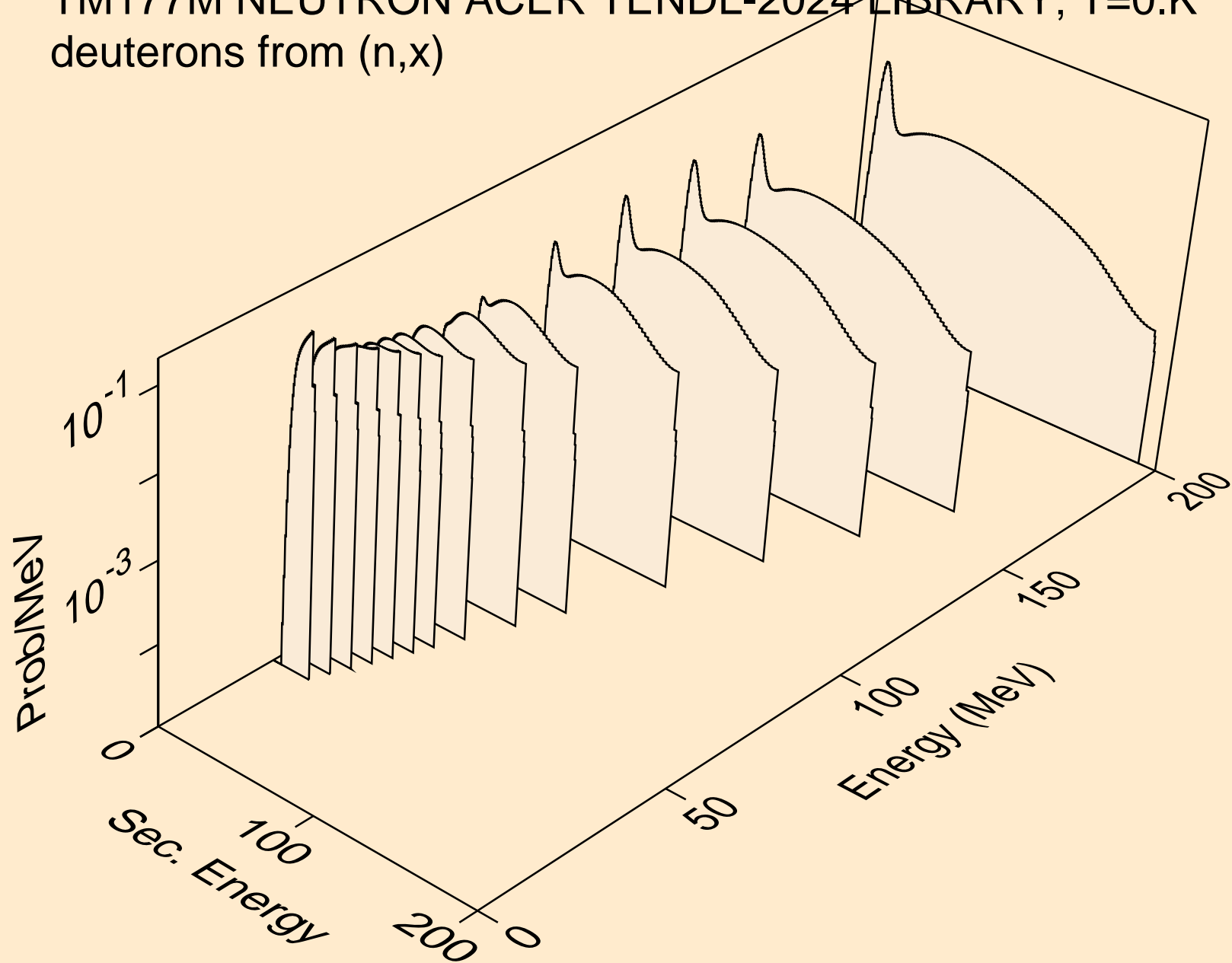
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protons from (n,p)



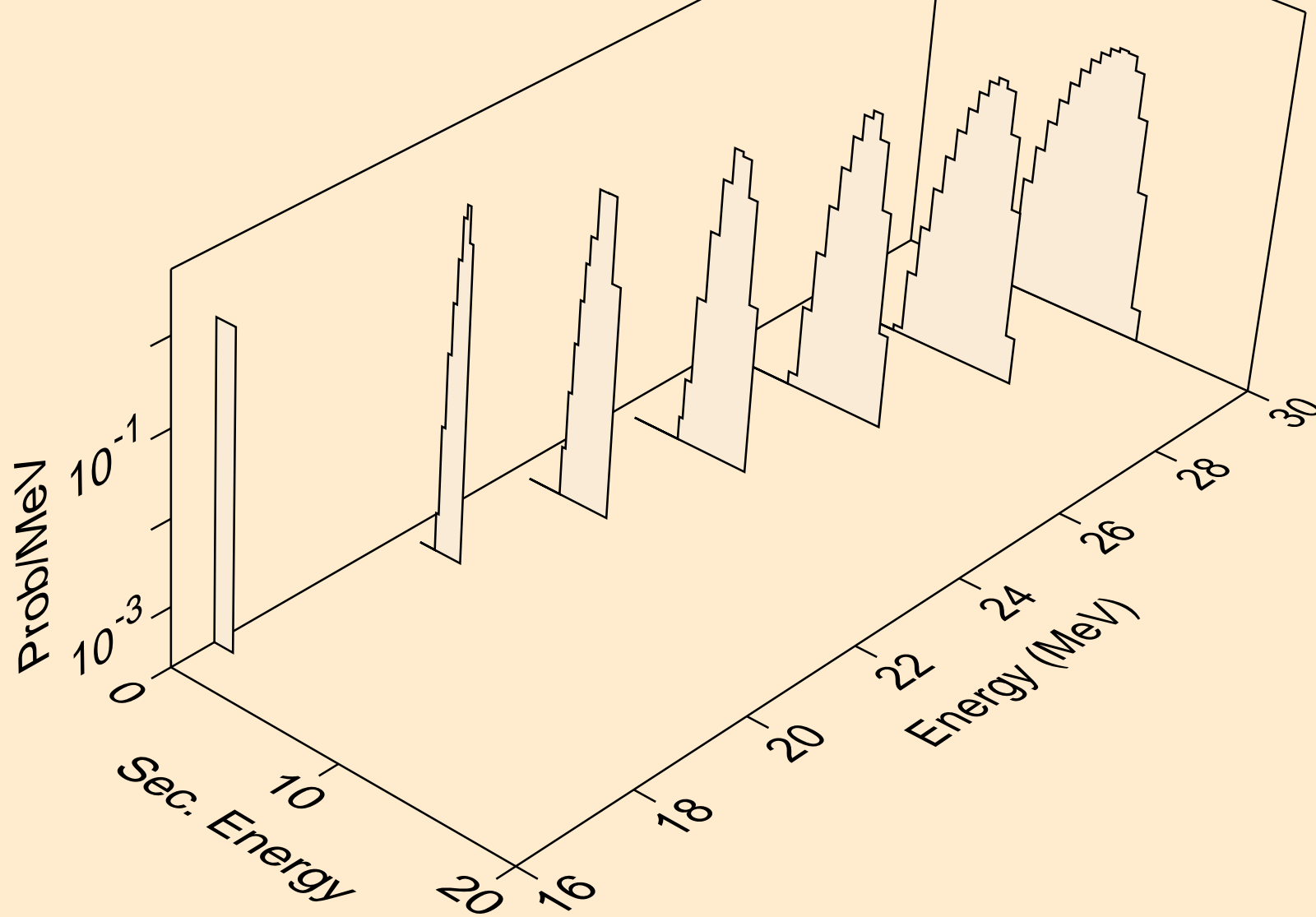
TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2p)



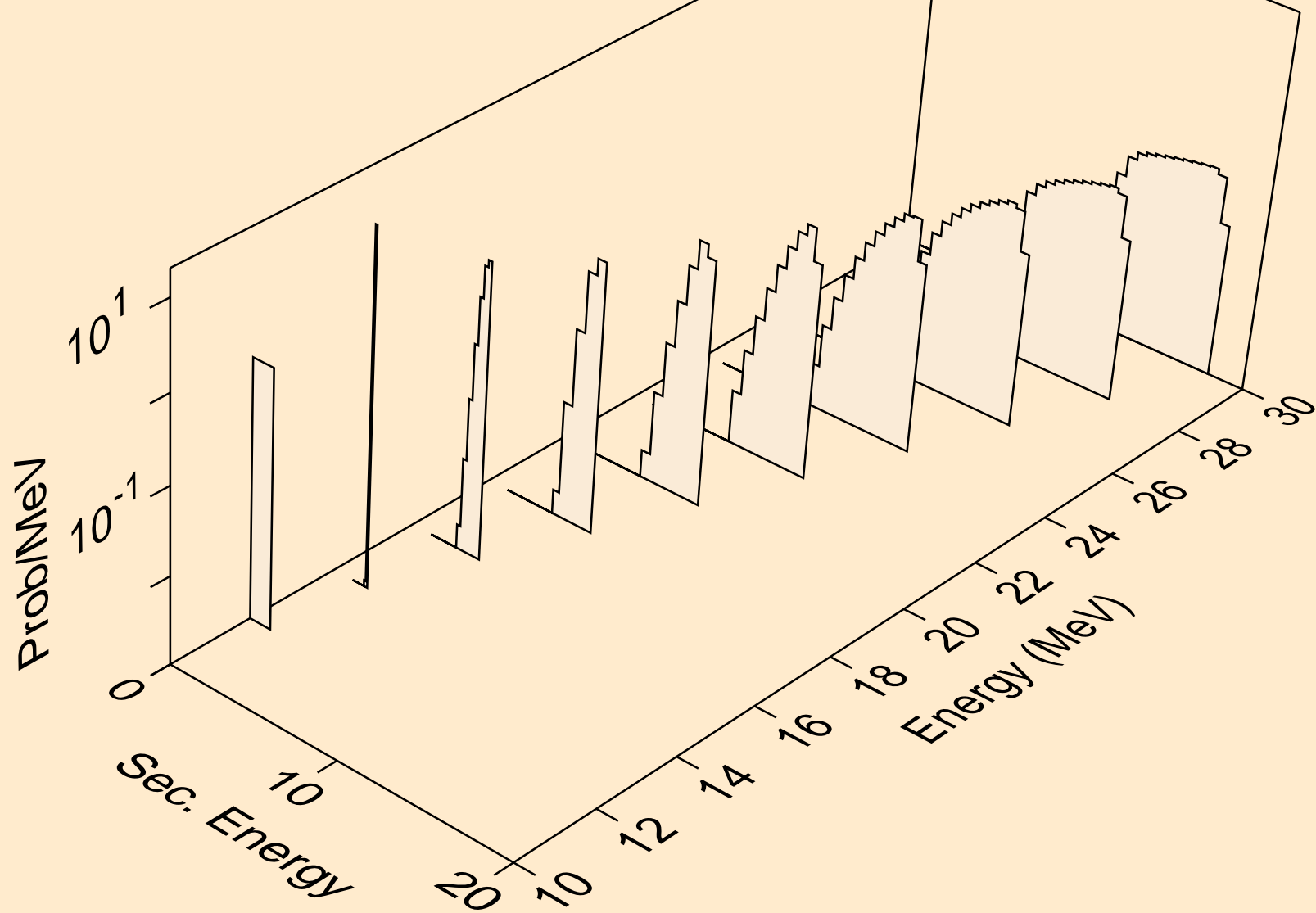
TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)



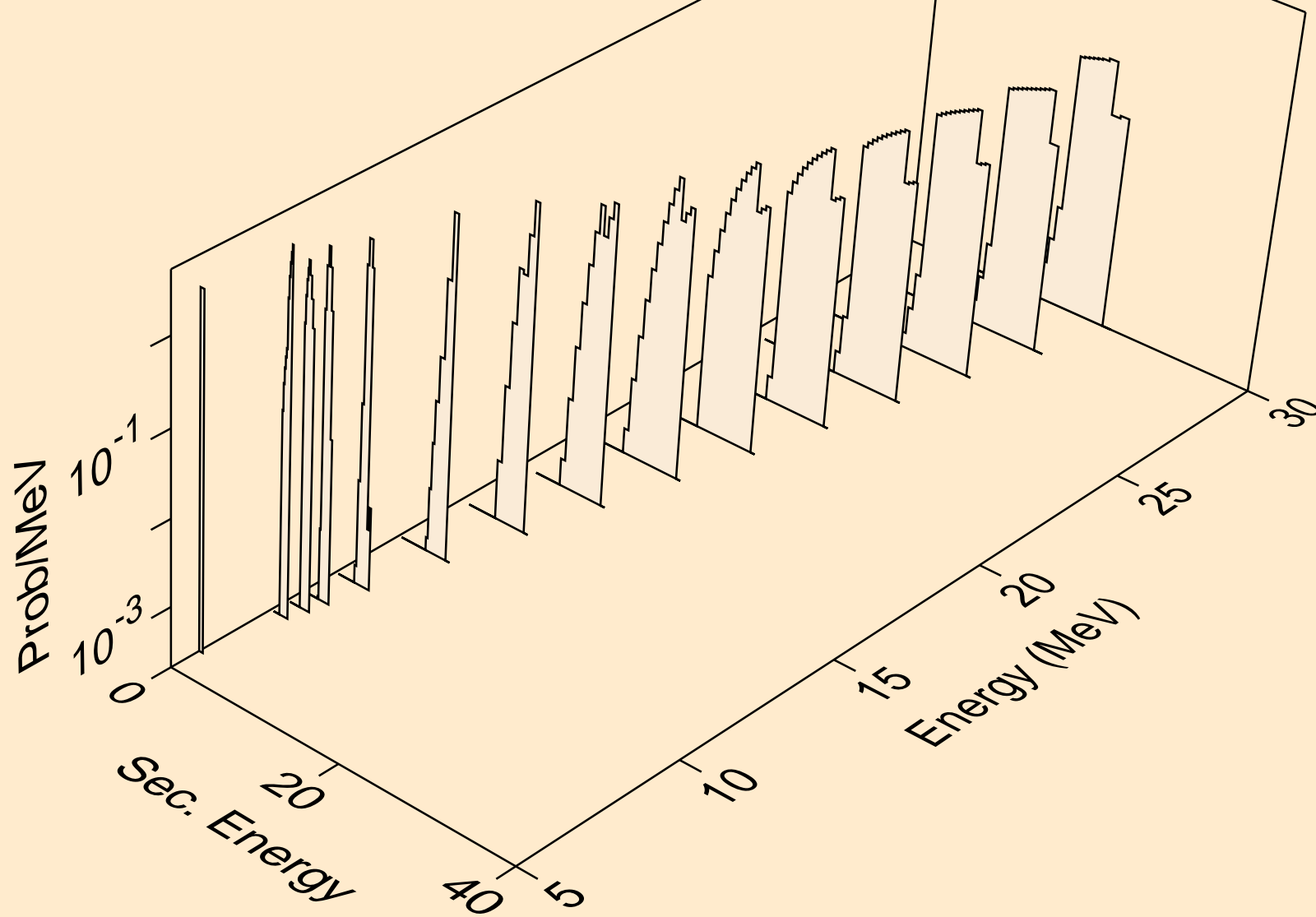
TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,2nd)



TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d

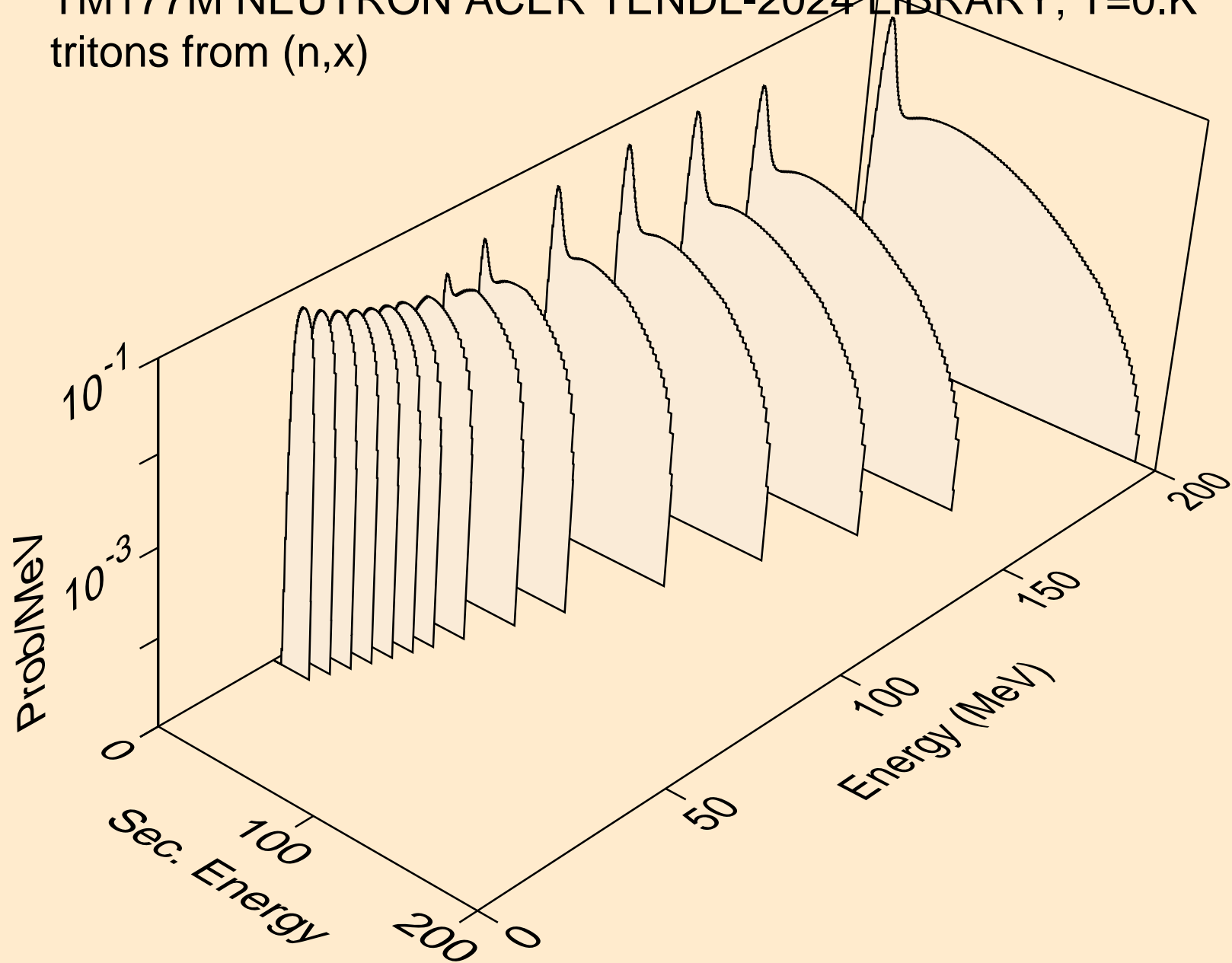


TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,d)

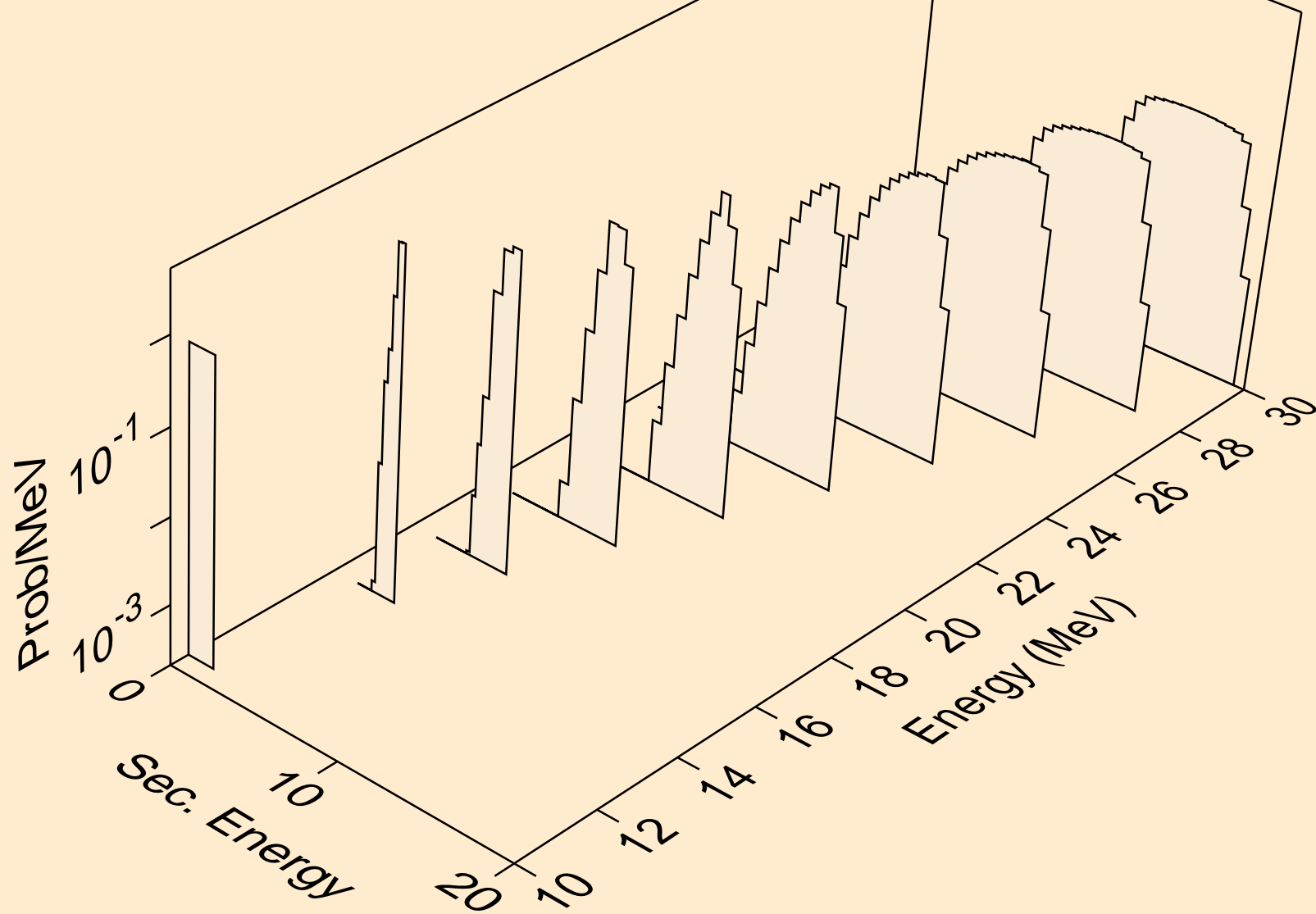




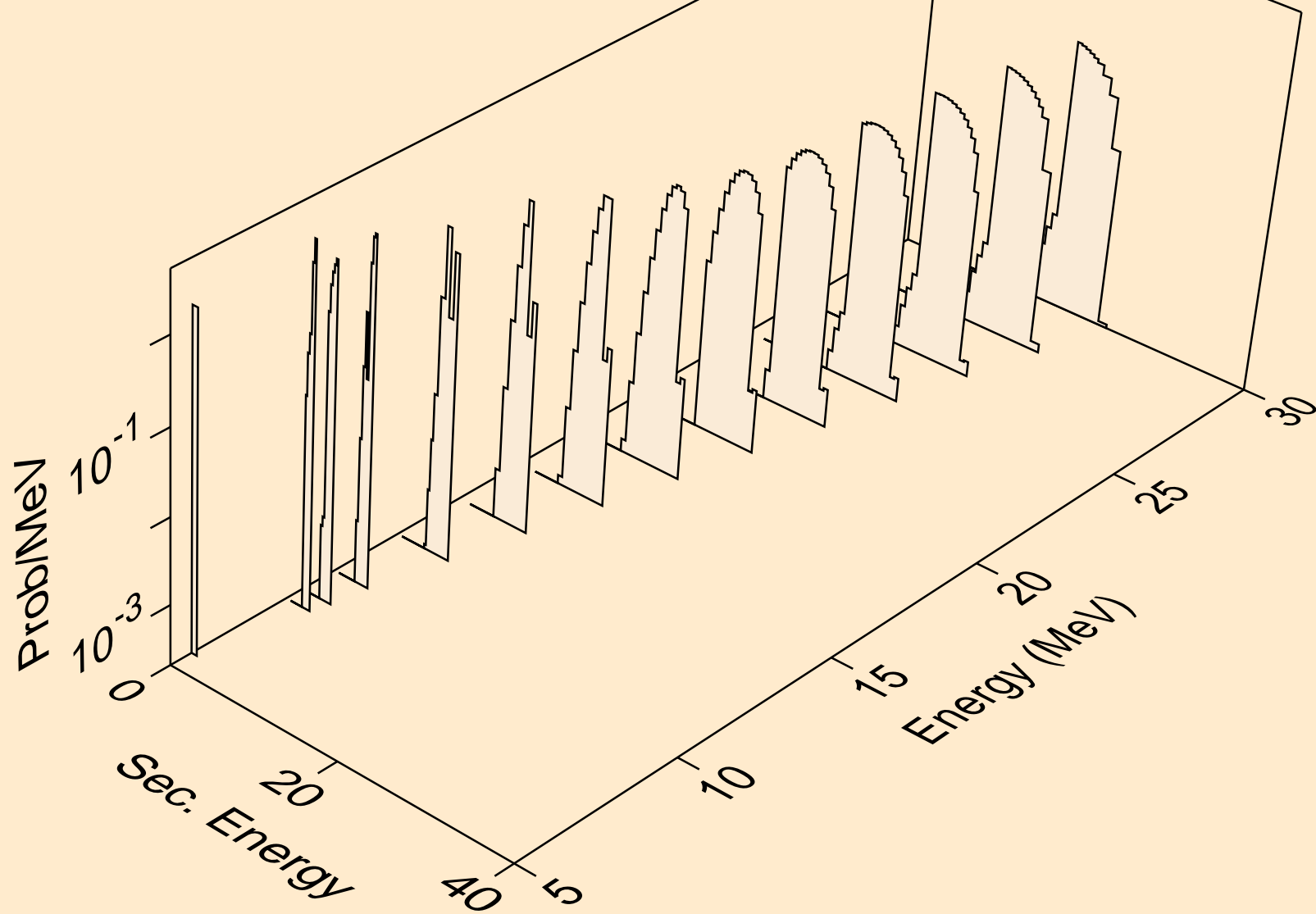
TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)



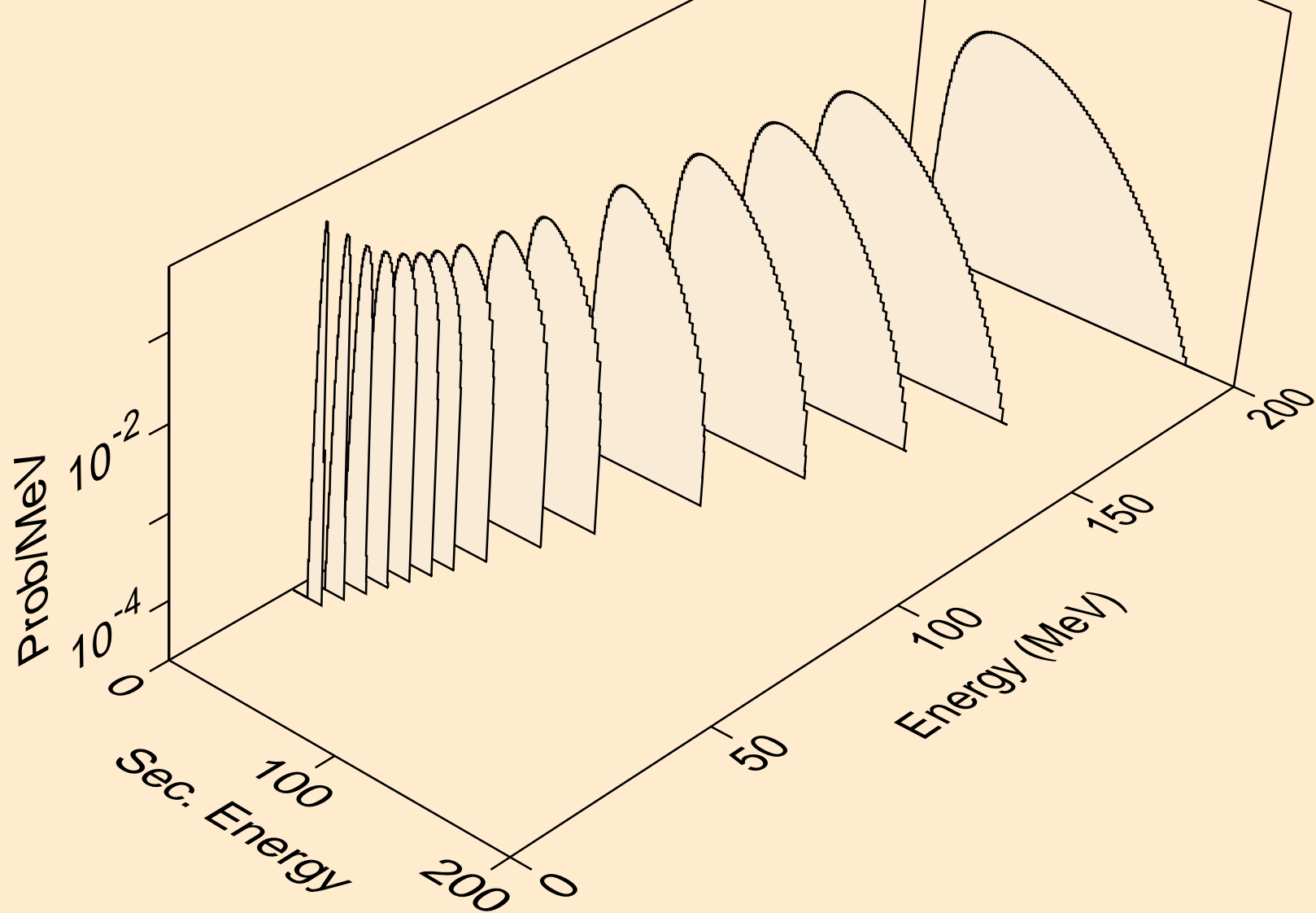
TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



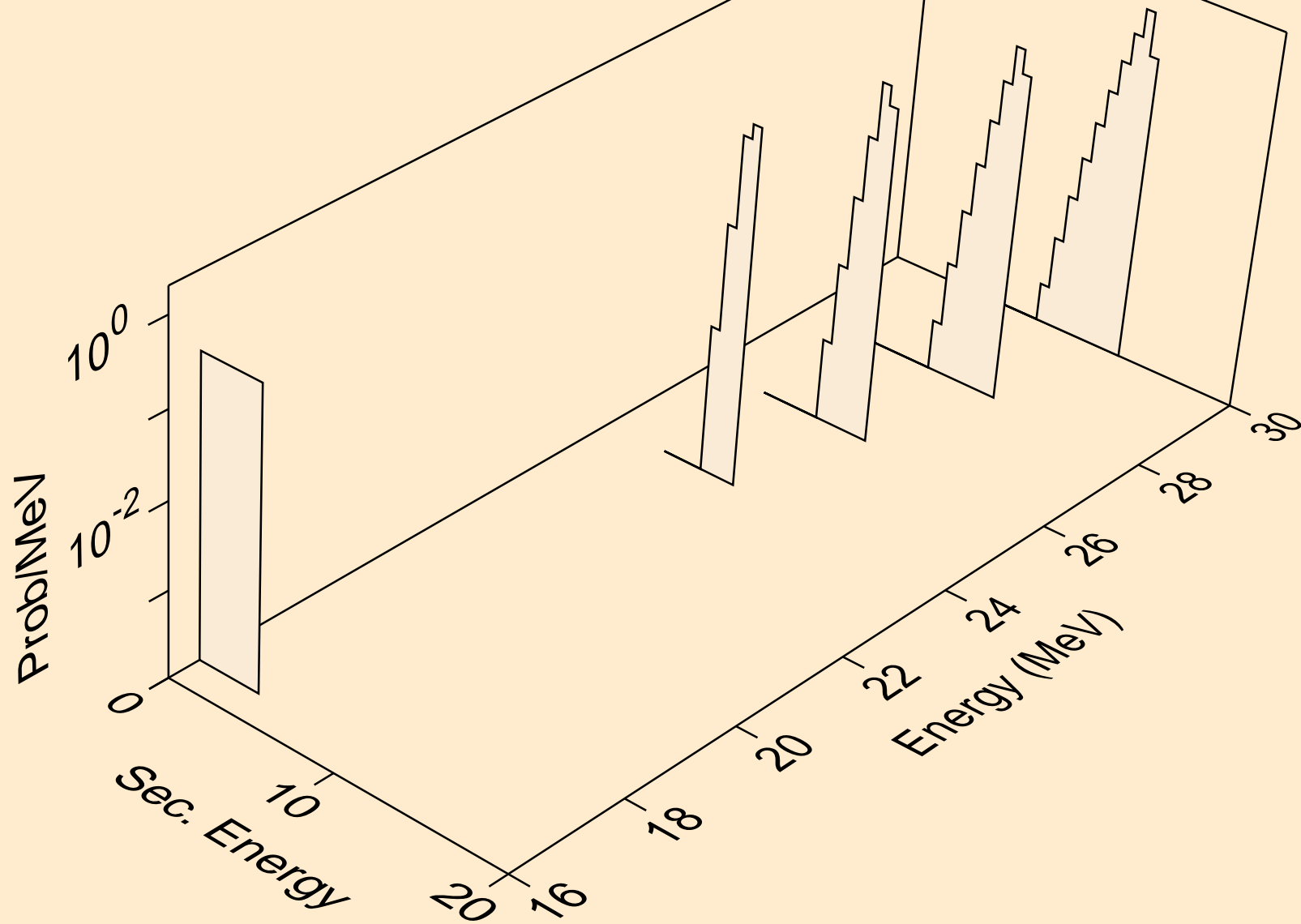
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tritons from (n,t)



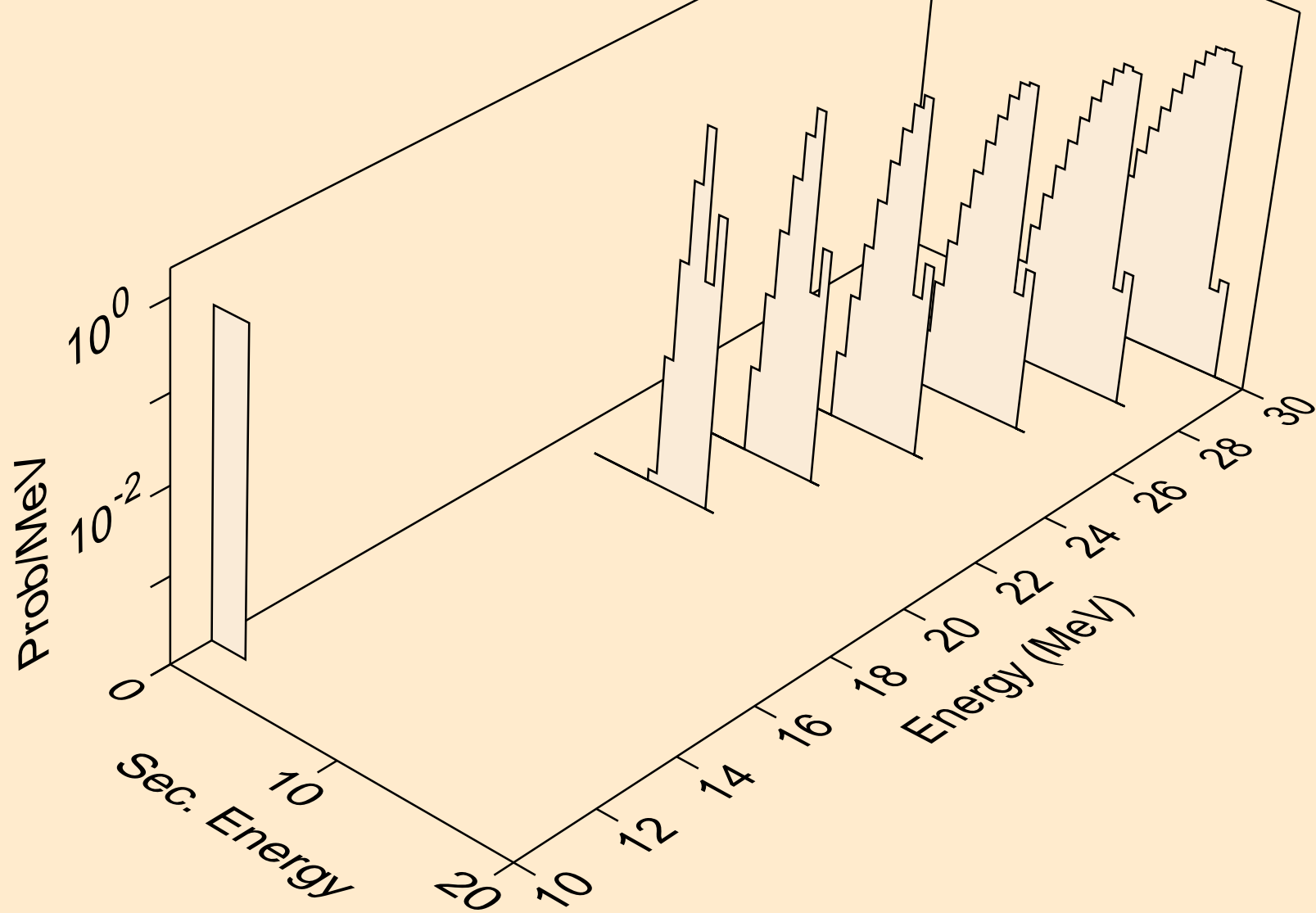
TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



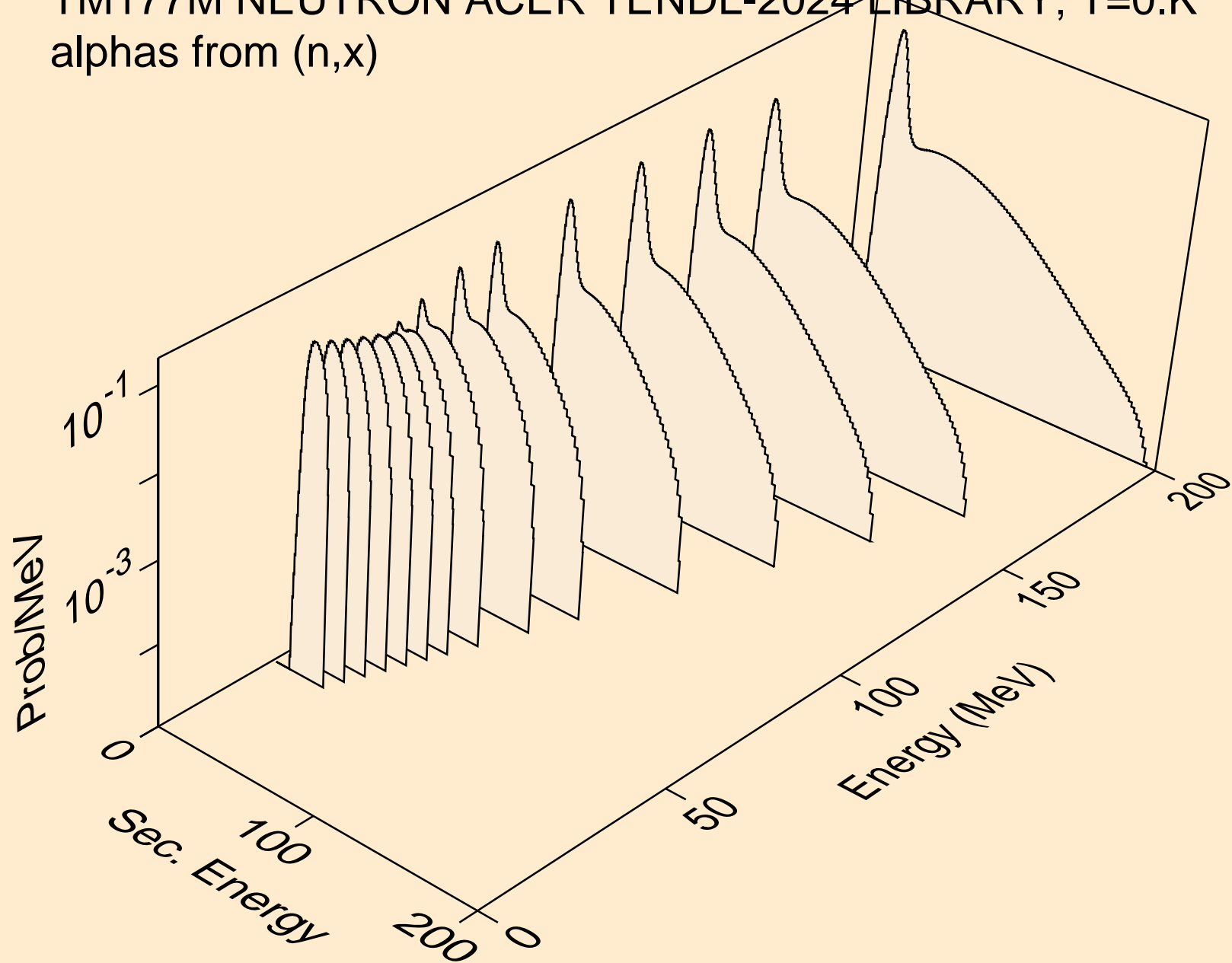
TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



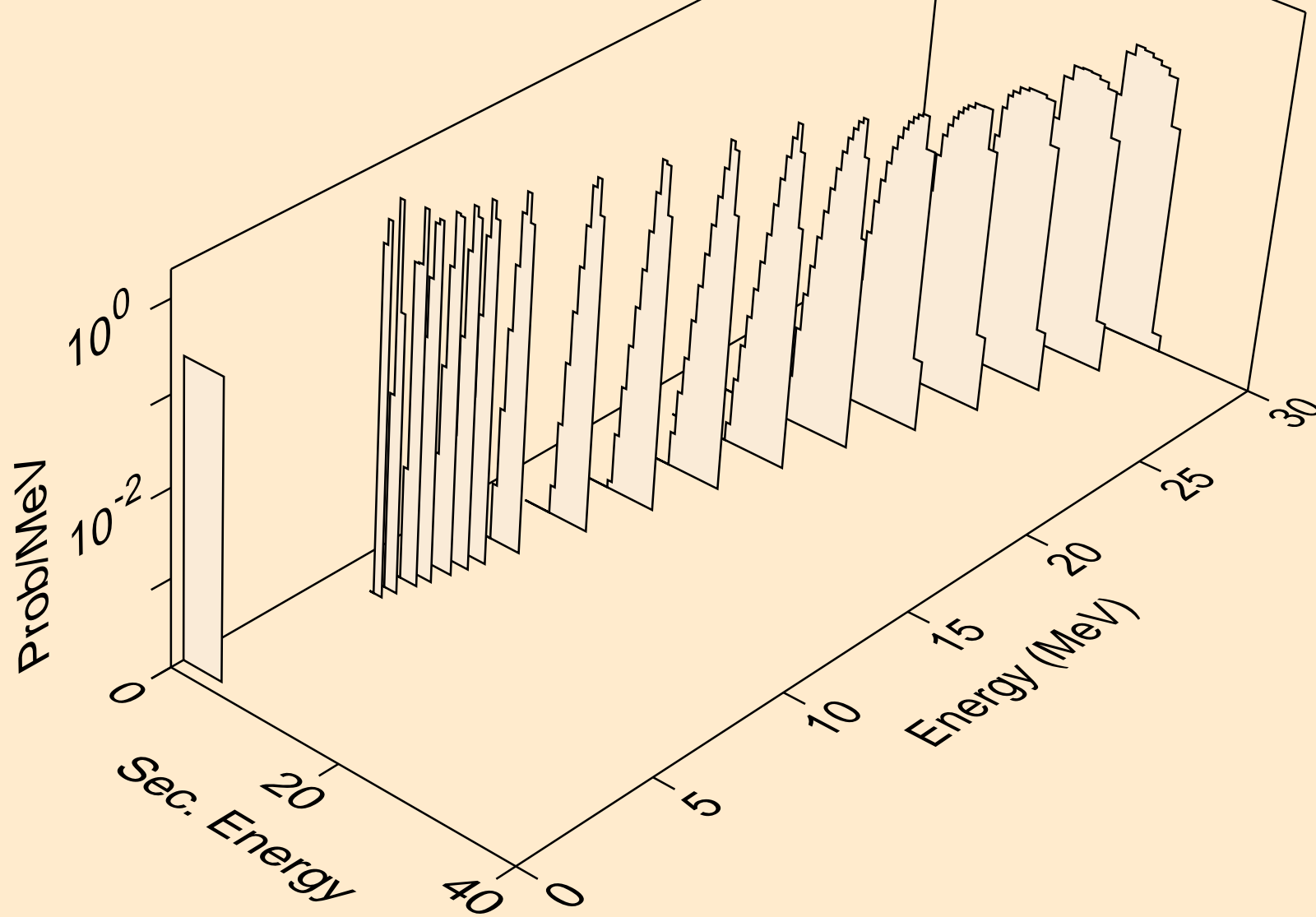
TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)



TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)

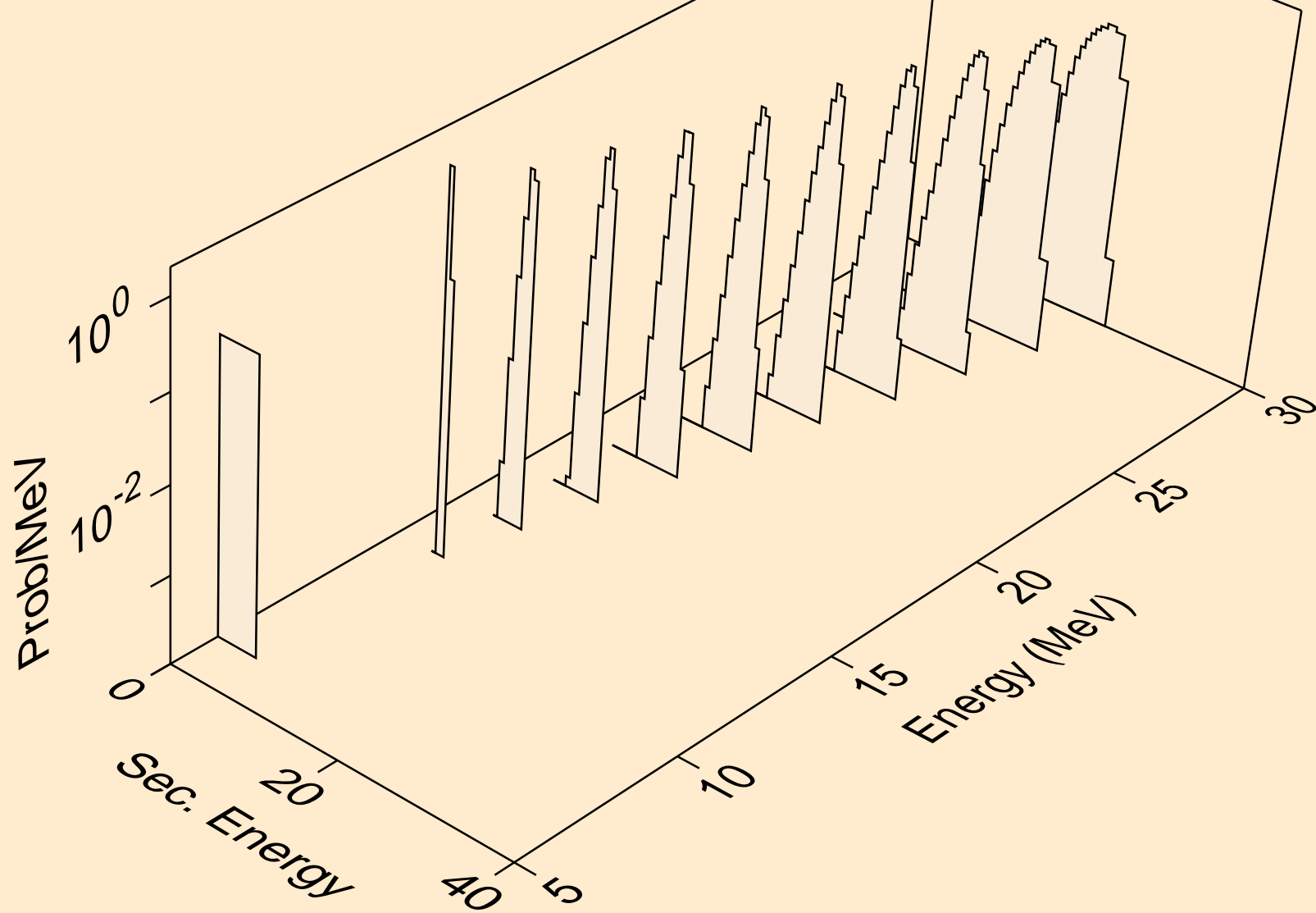


TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a

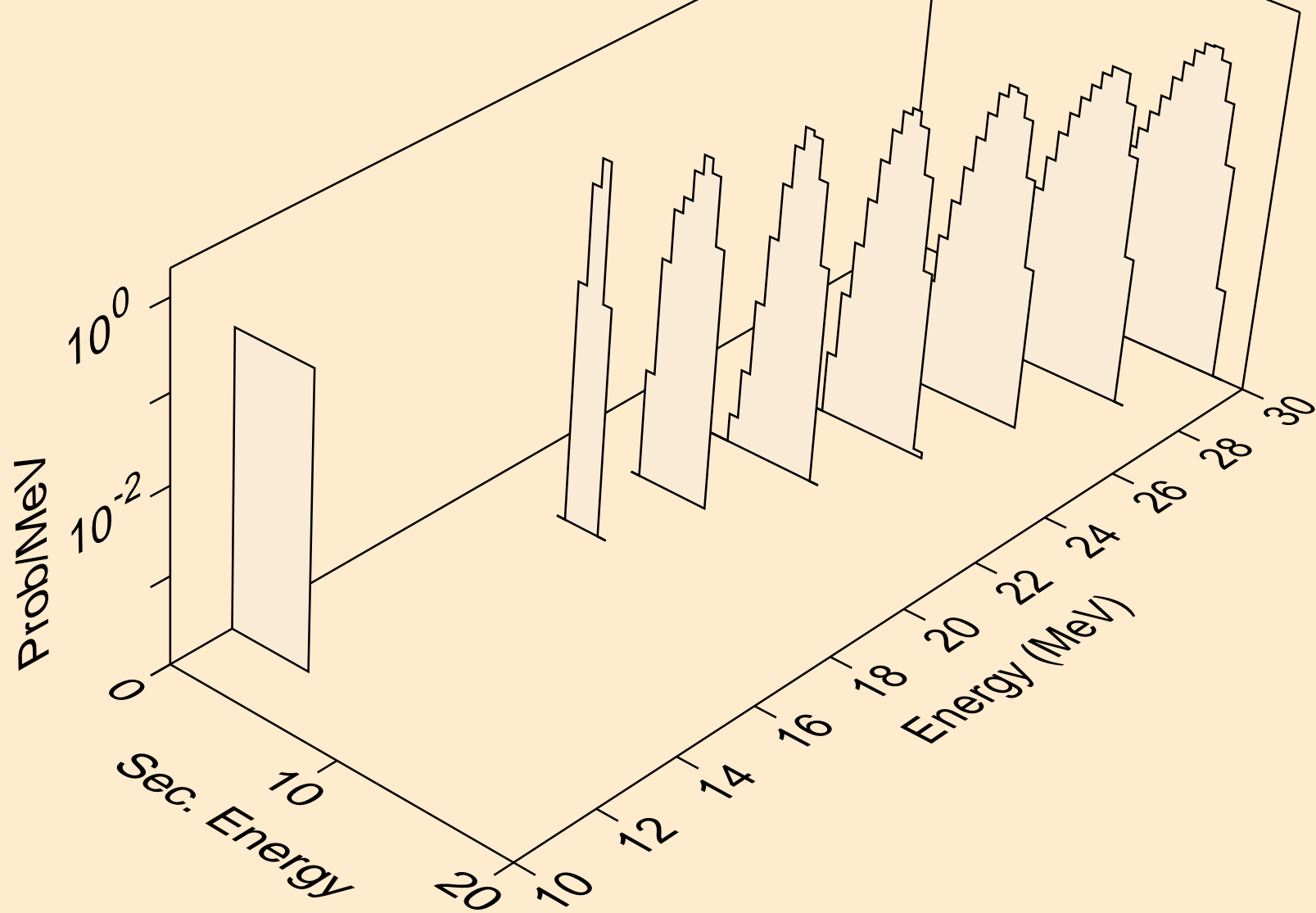




TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



TM177M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)

