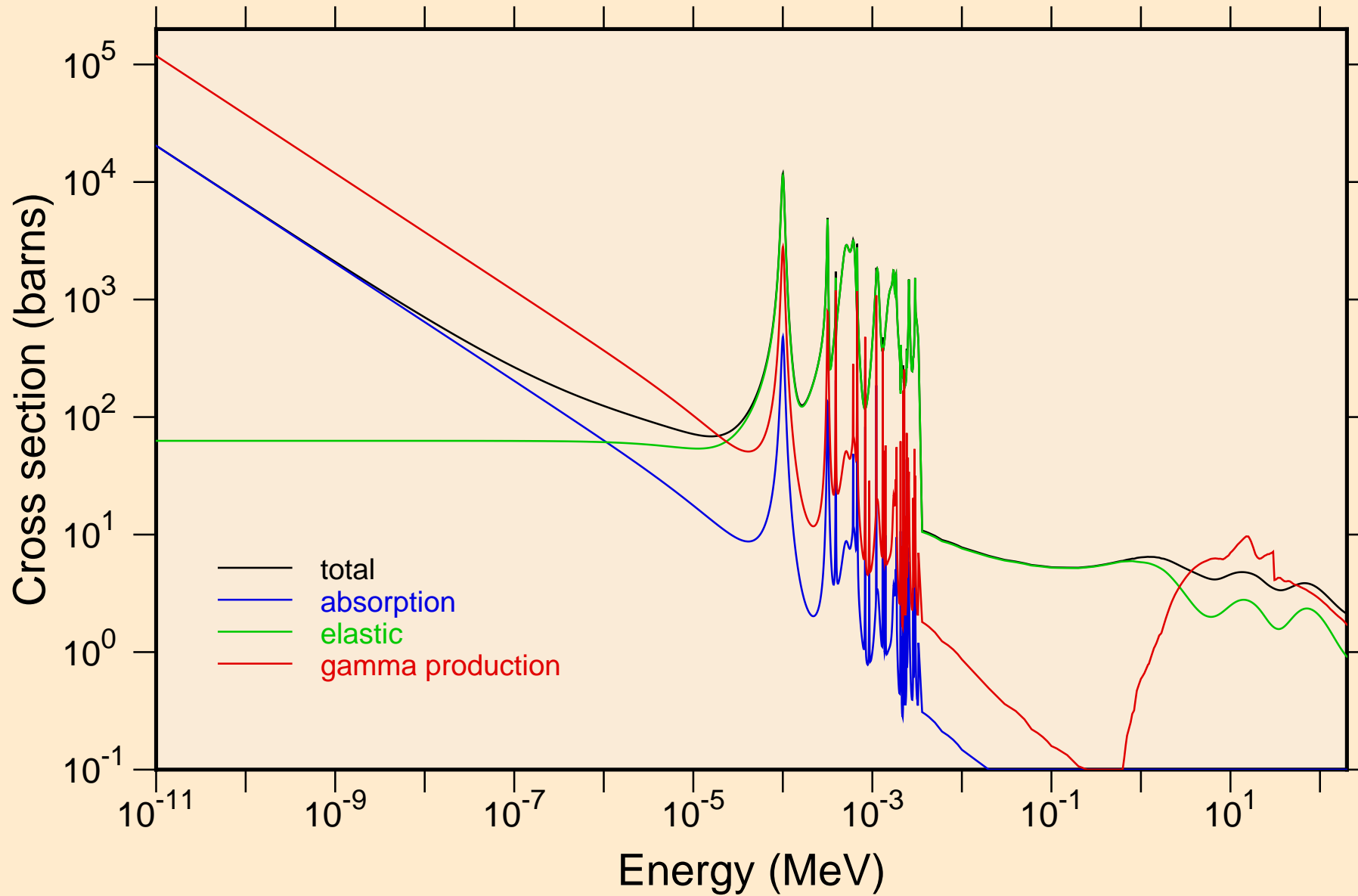
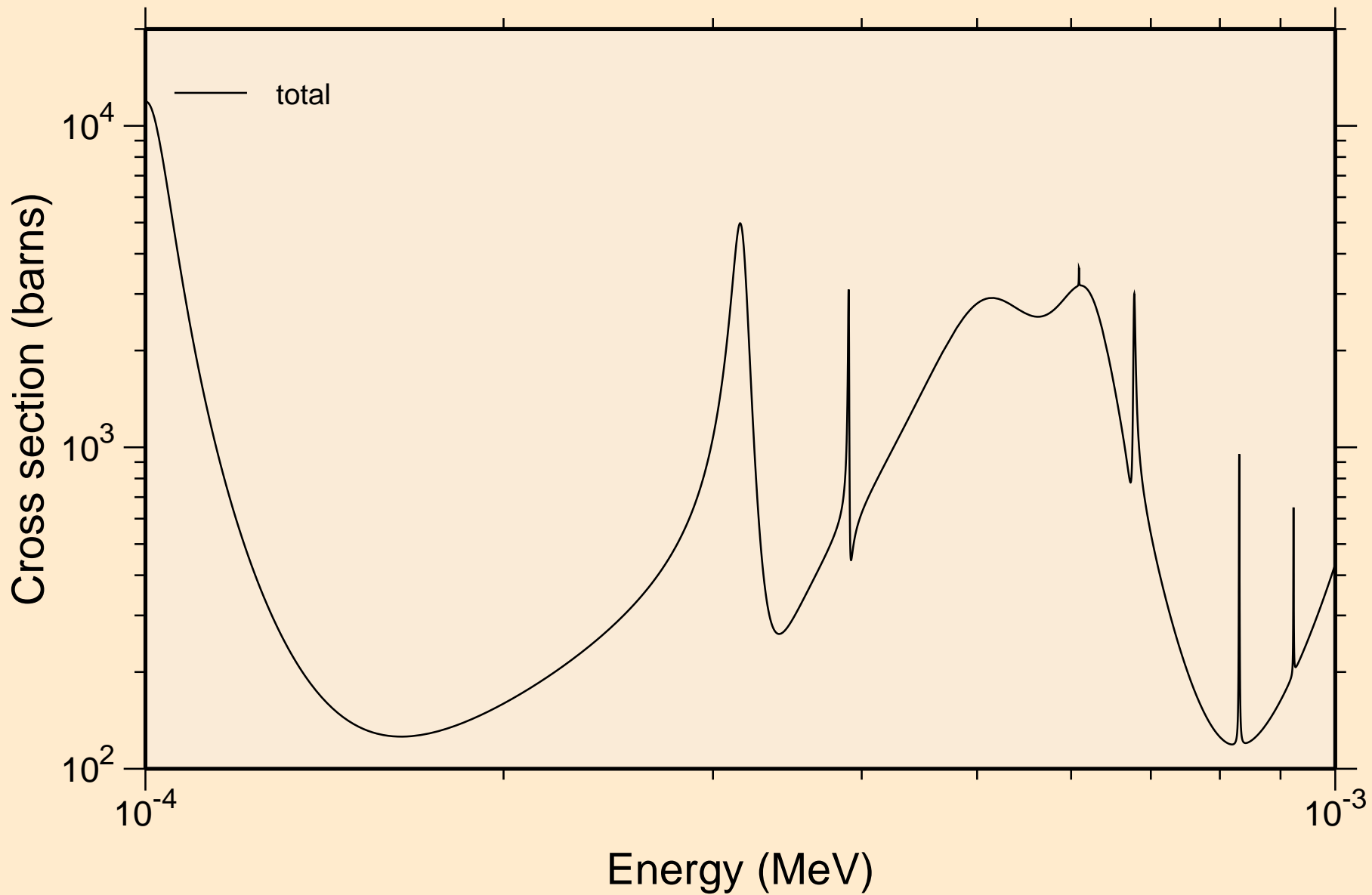


# TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

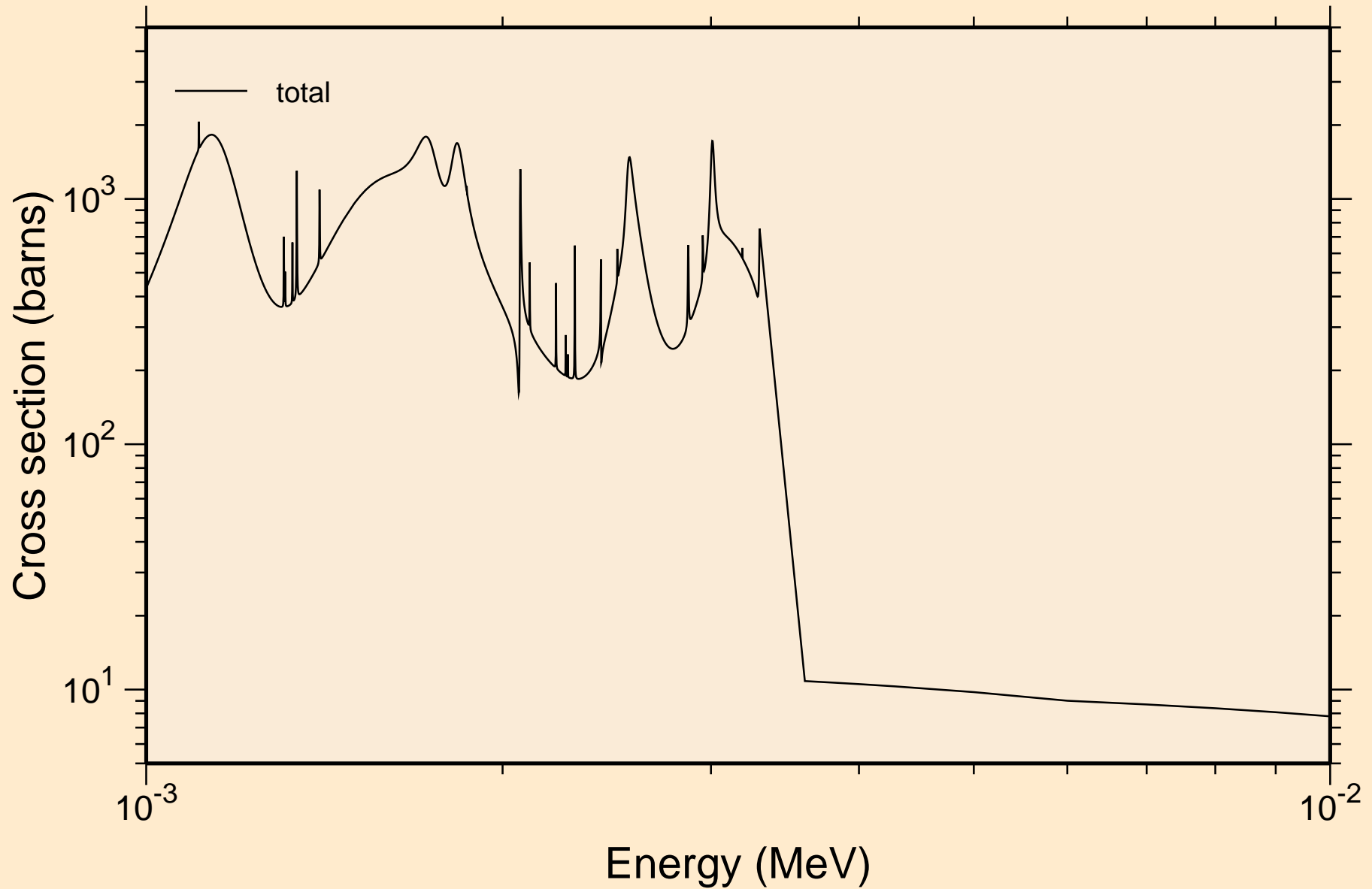
## Principal cross sections



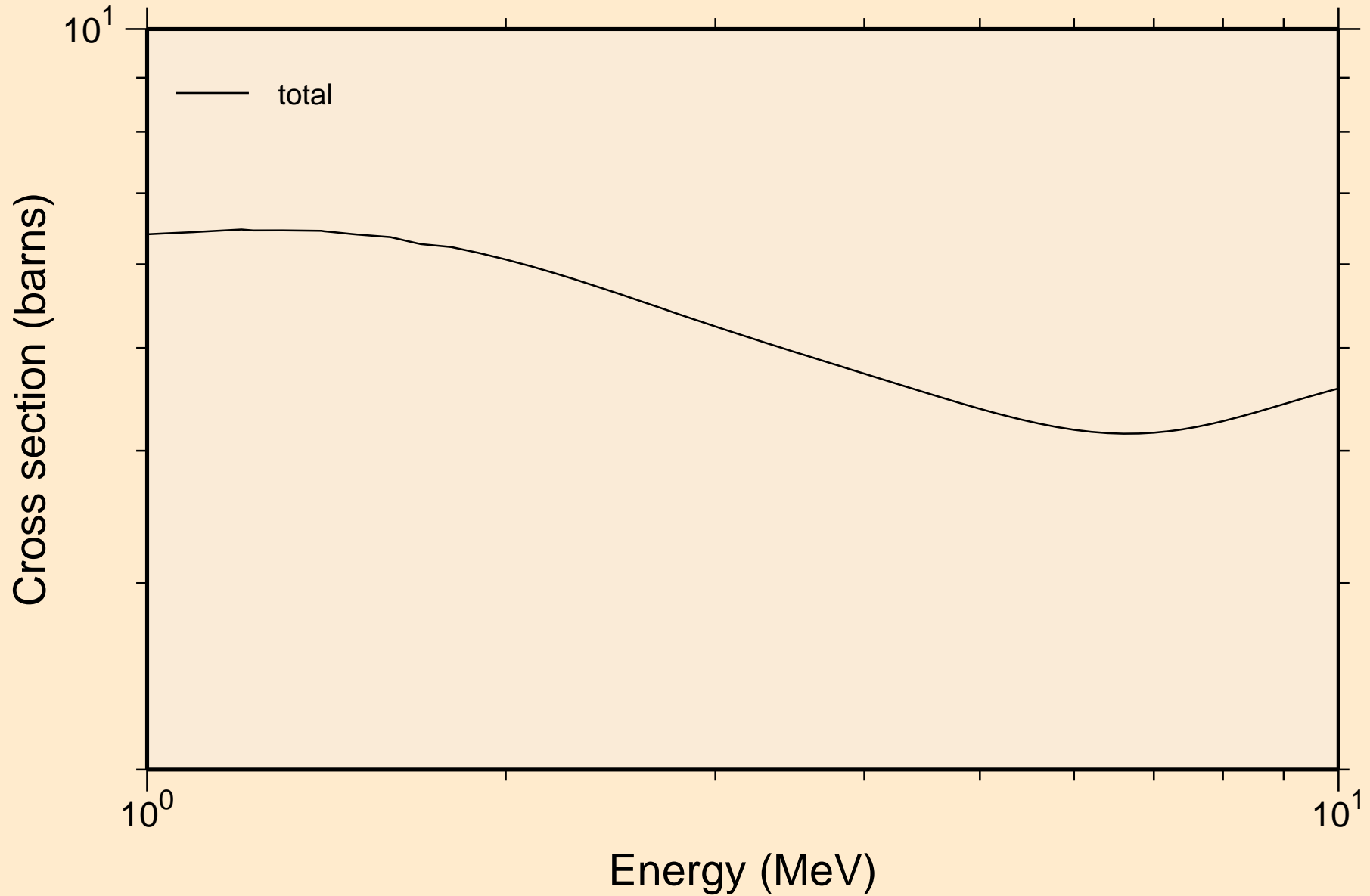
TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



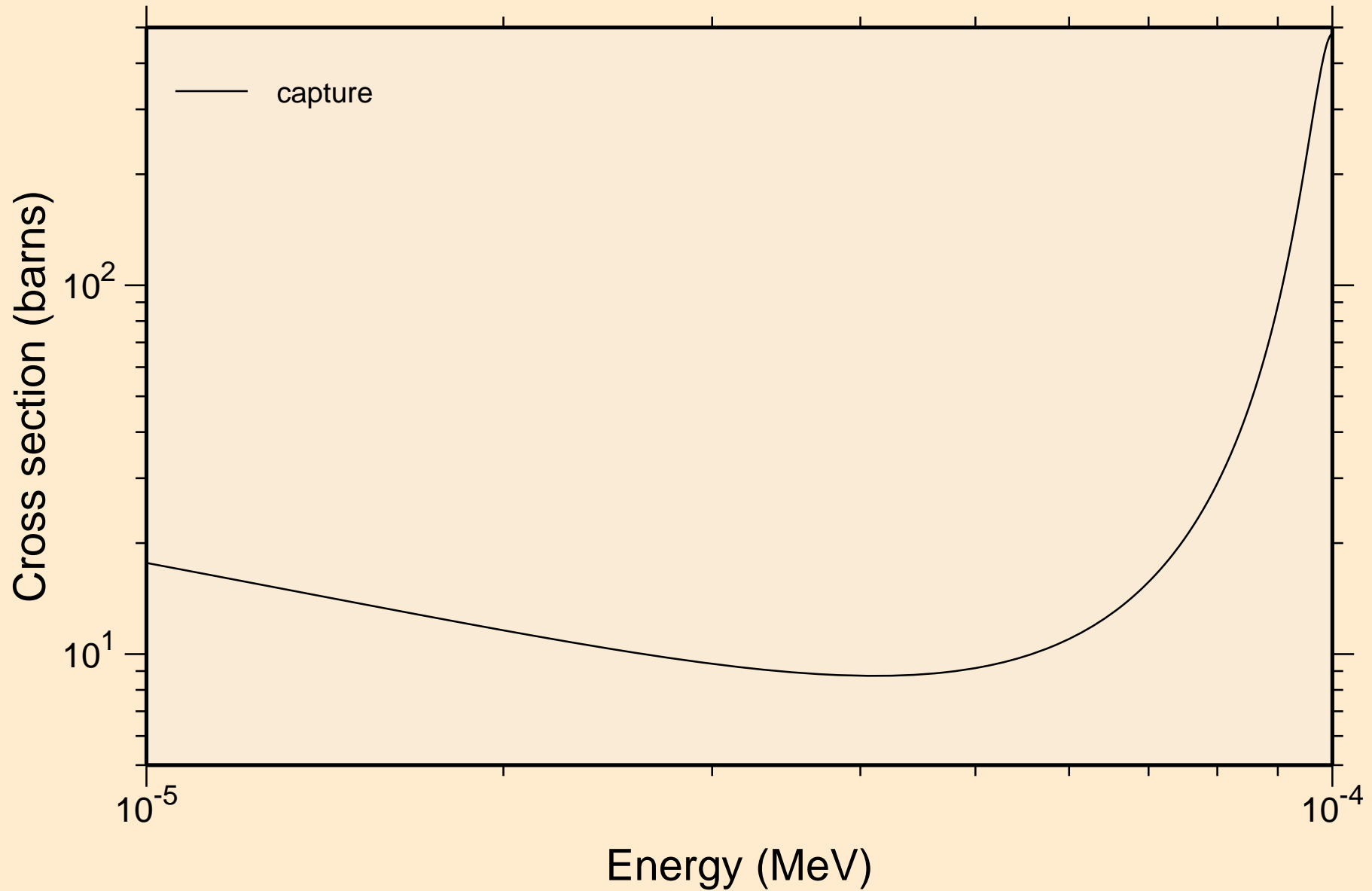
TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



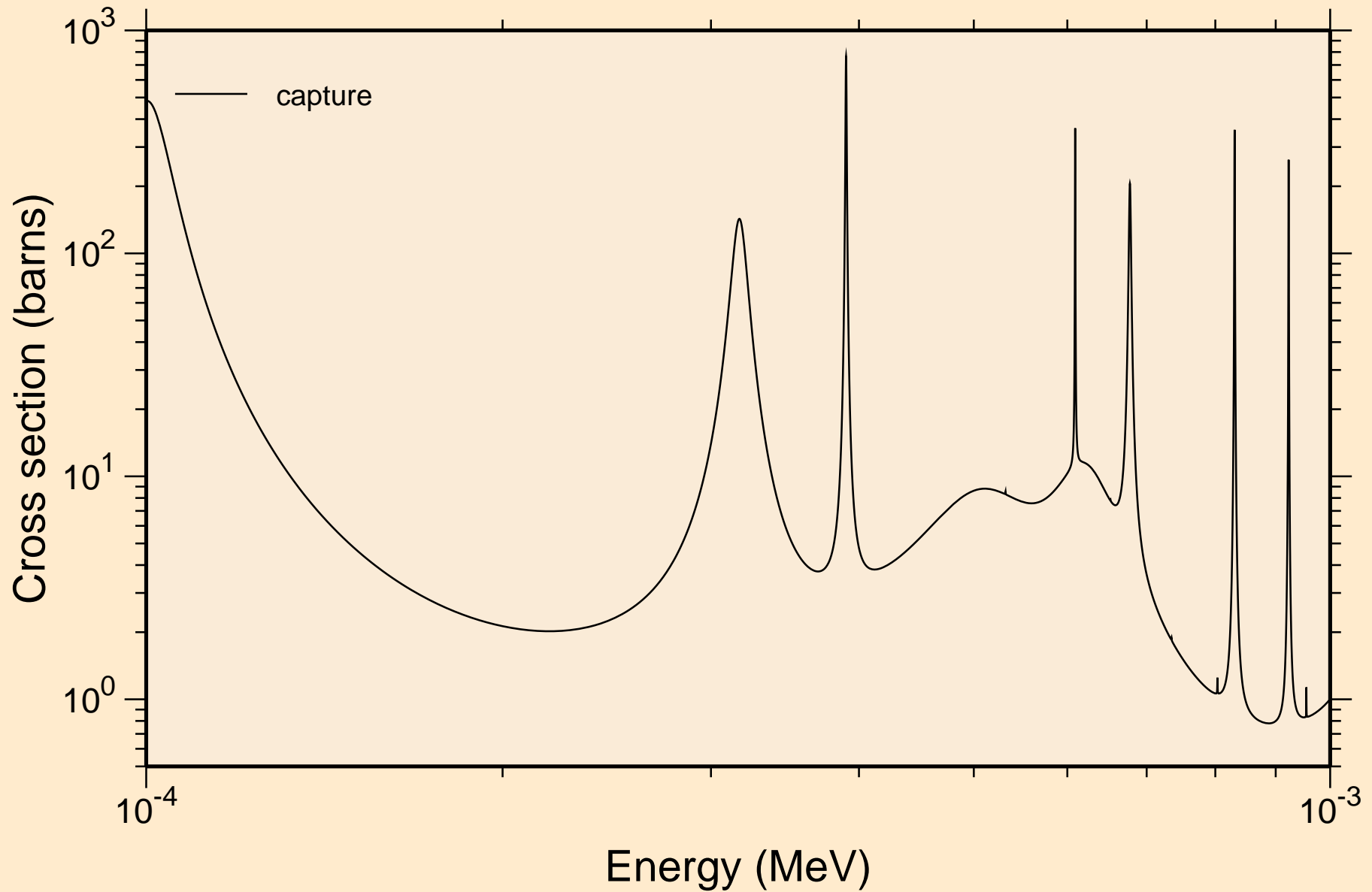
TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



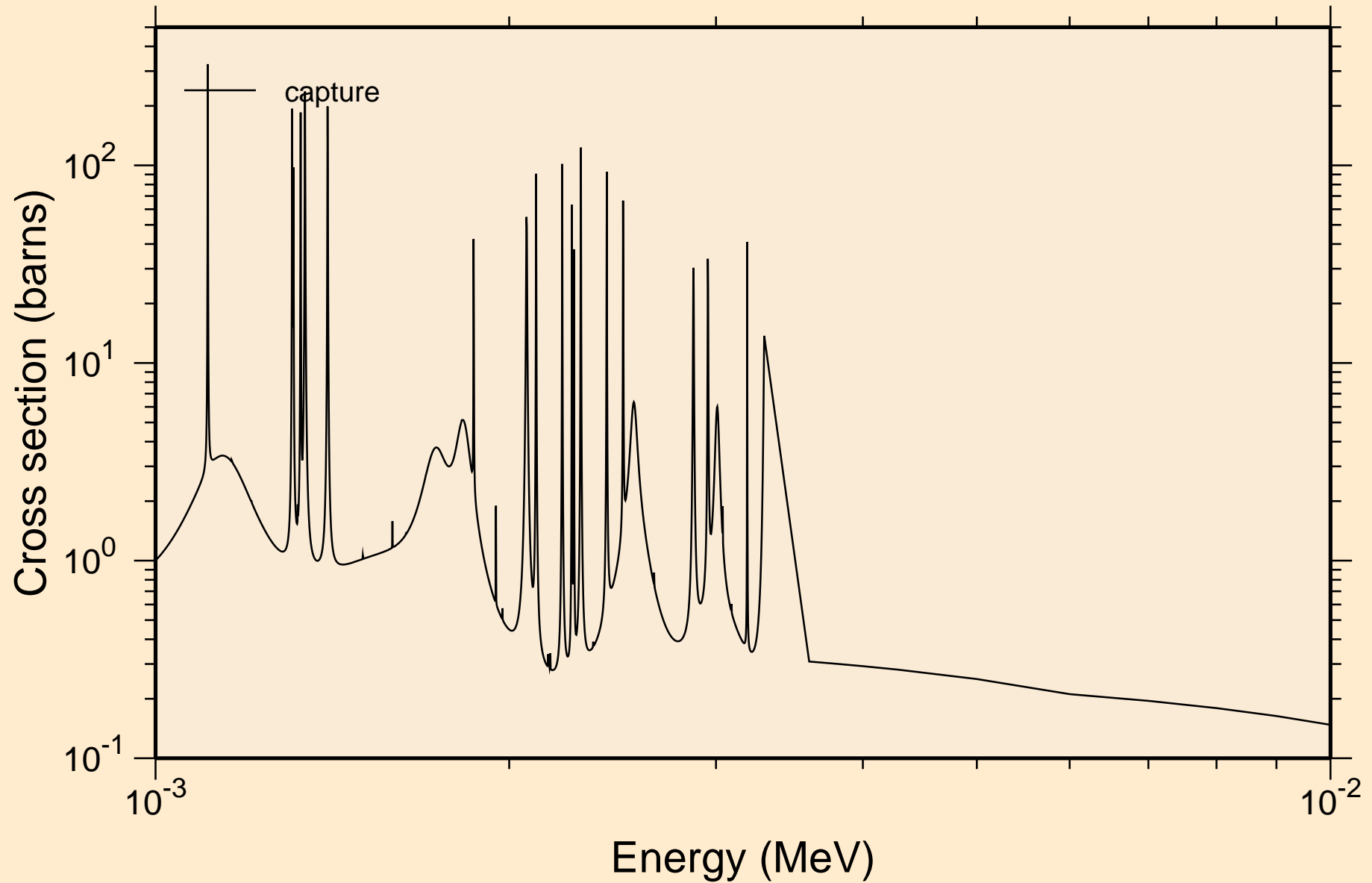
TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



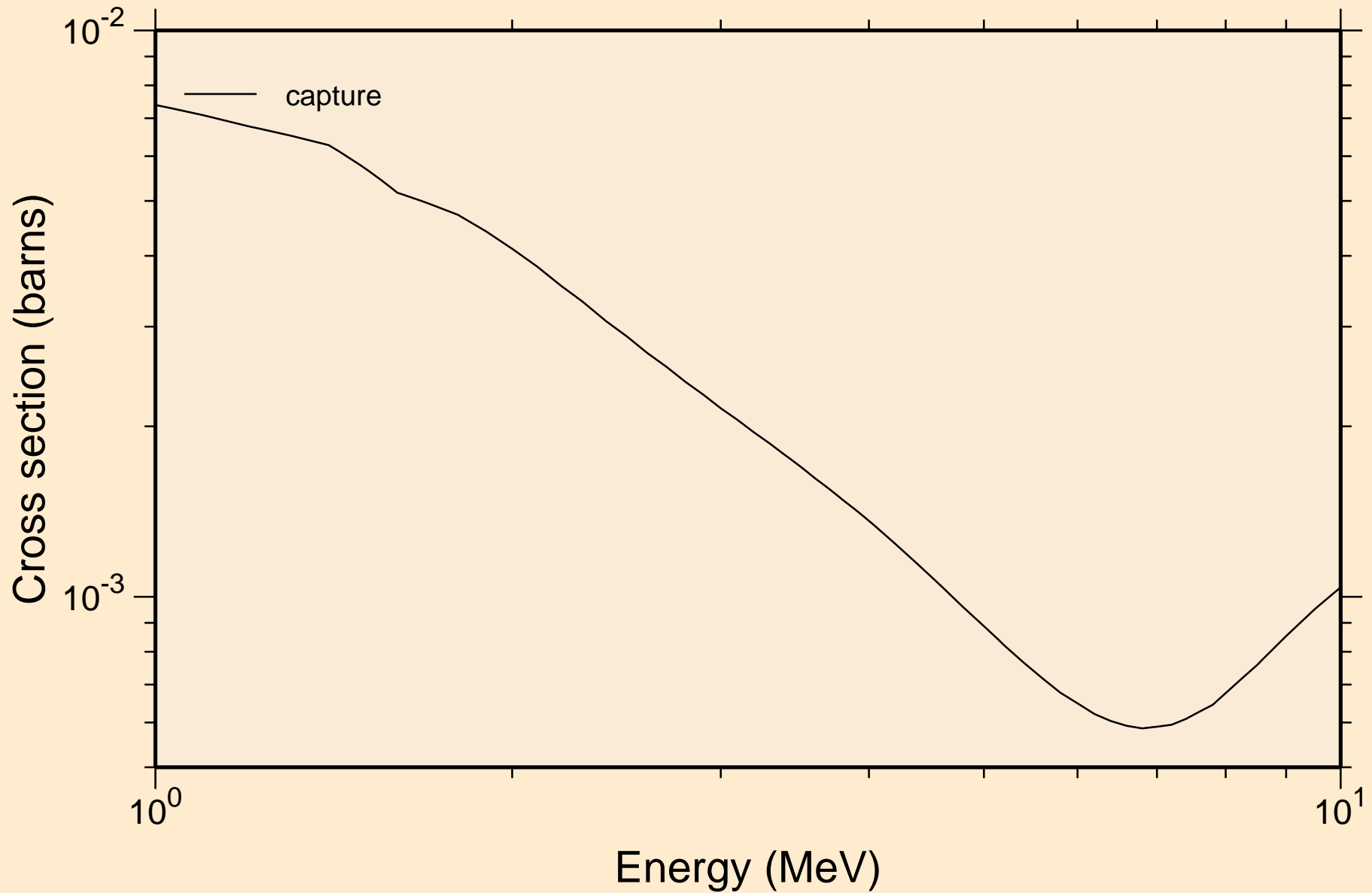
TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

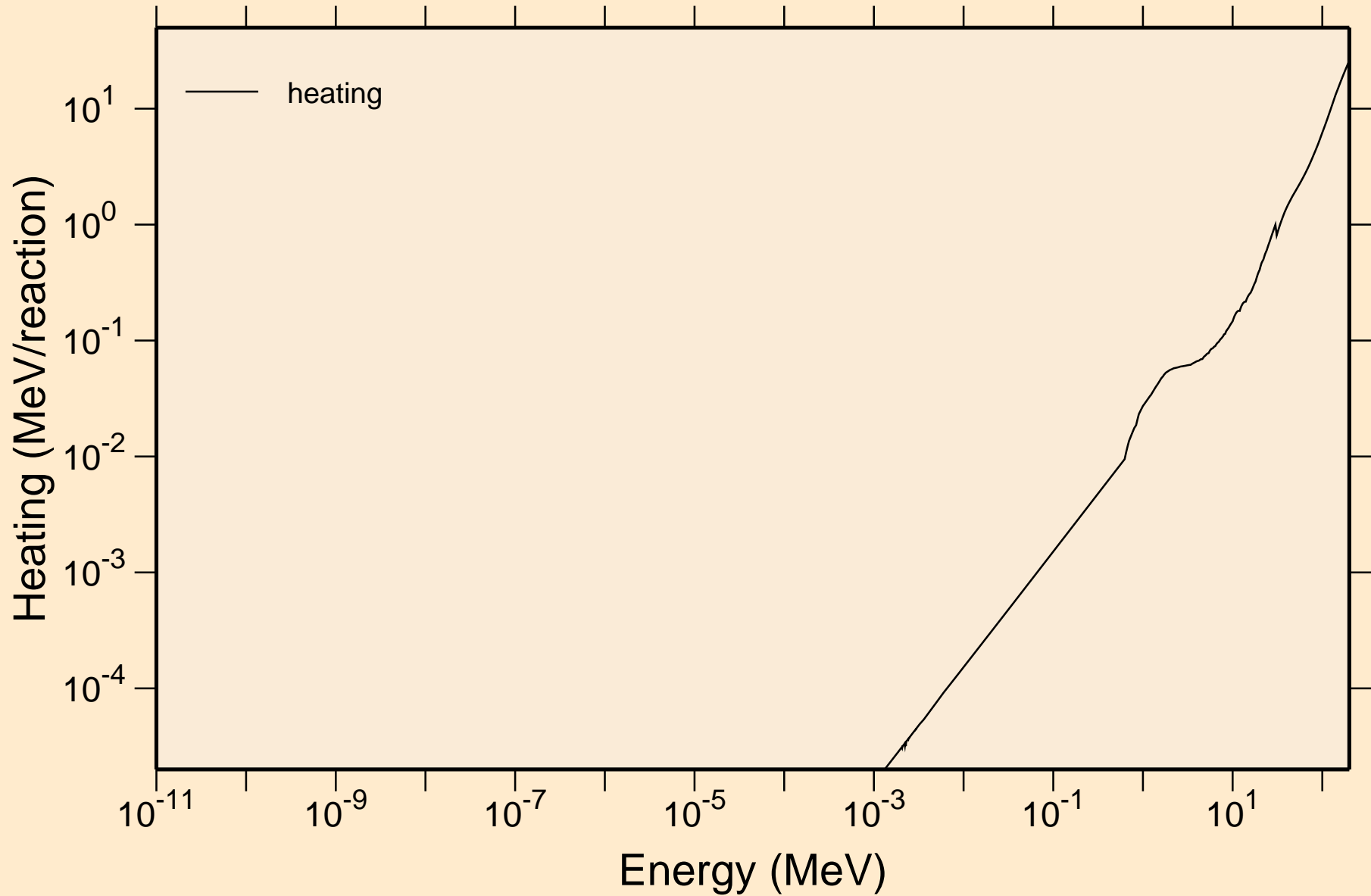


TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

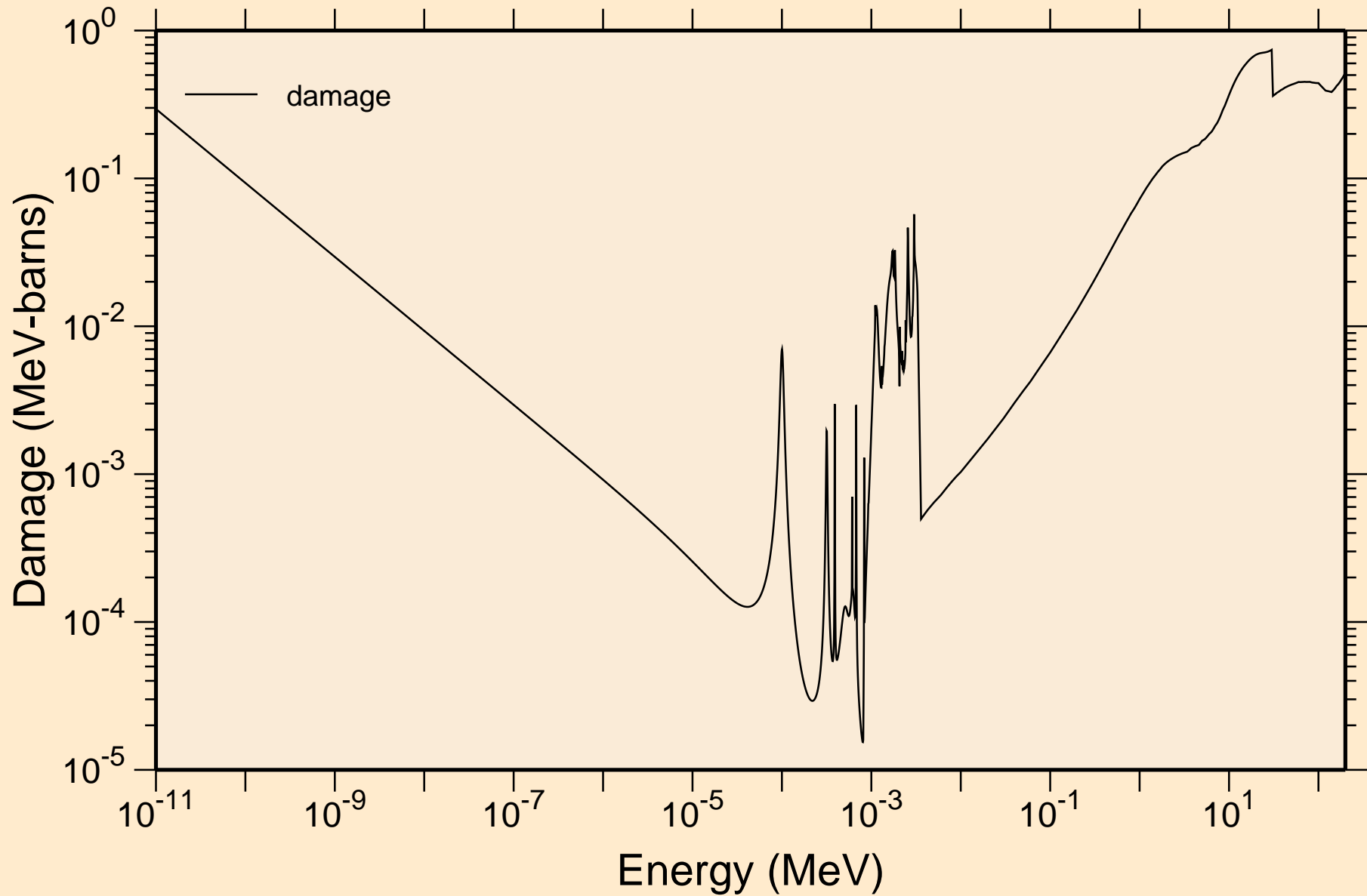




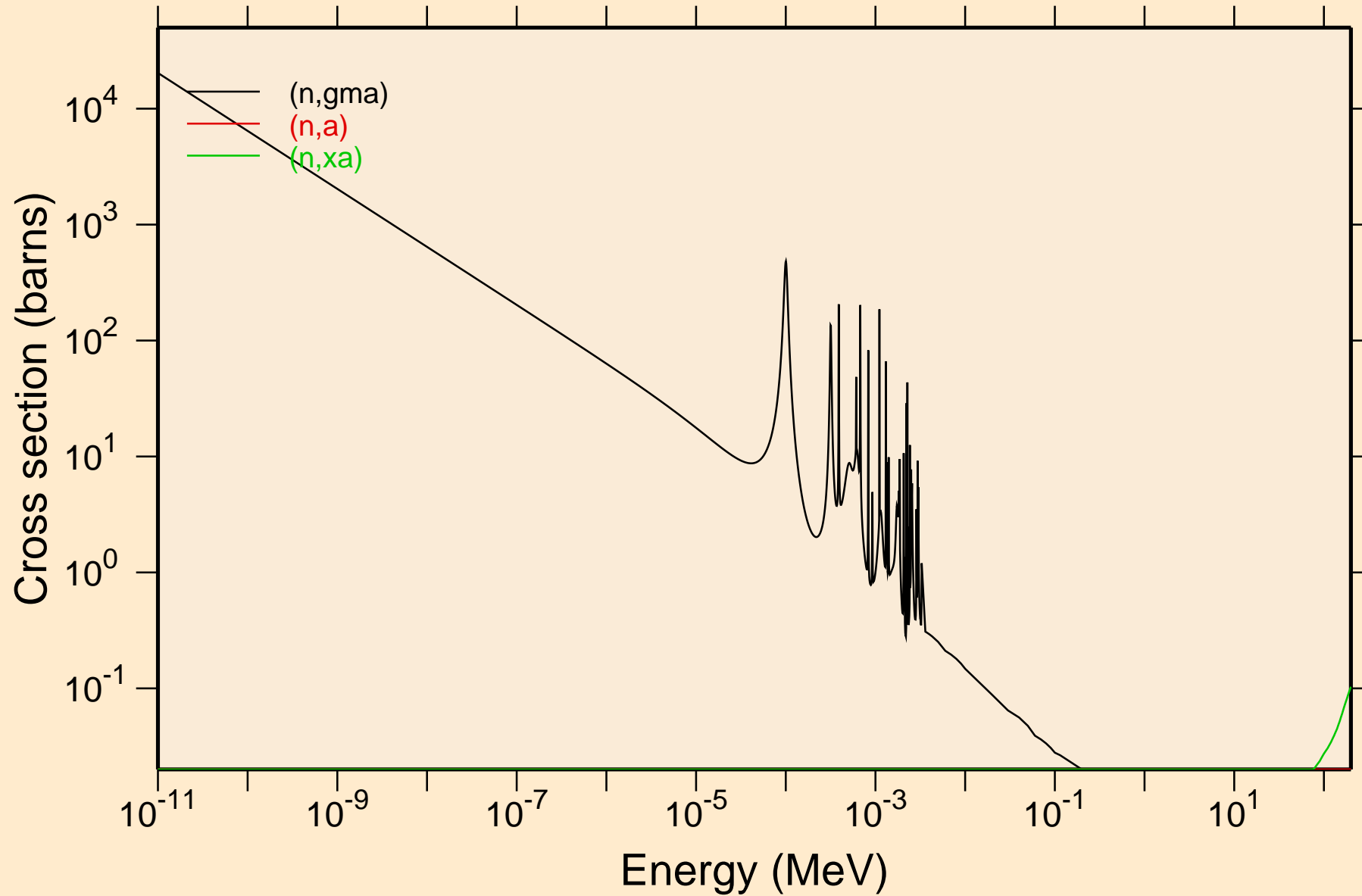
TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Heating



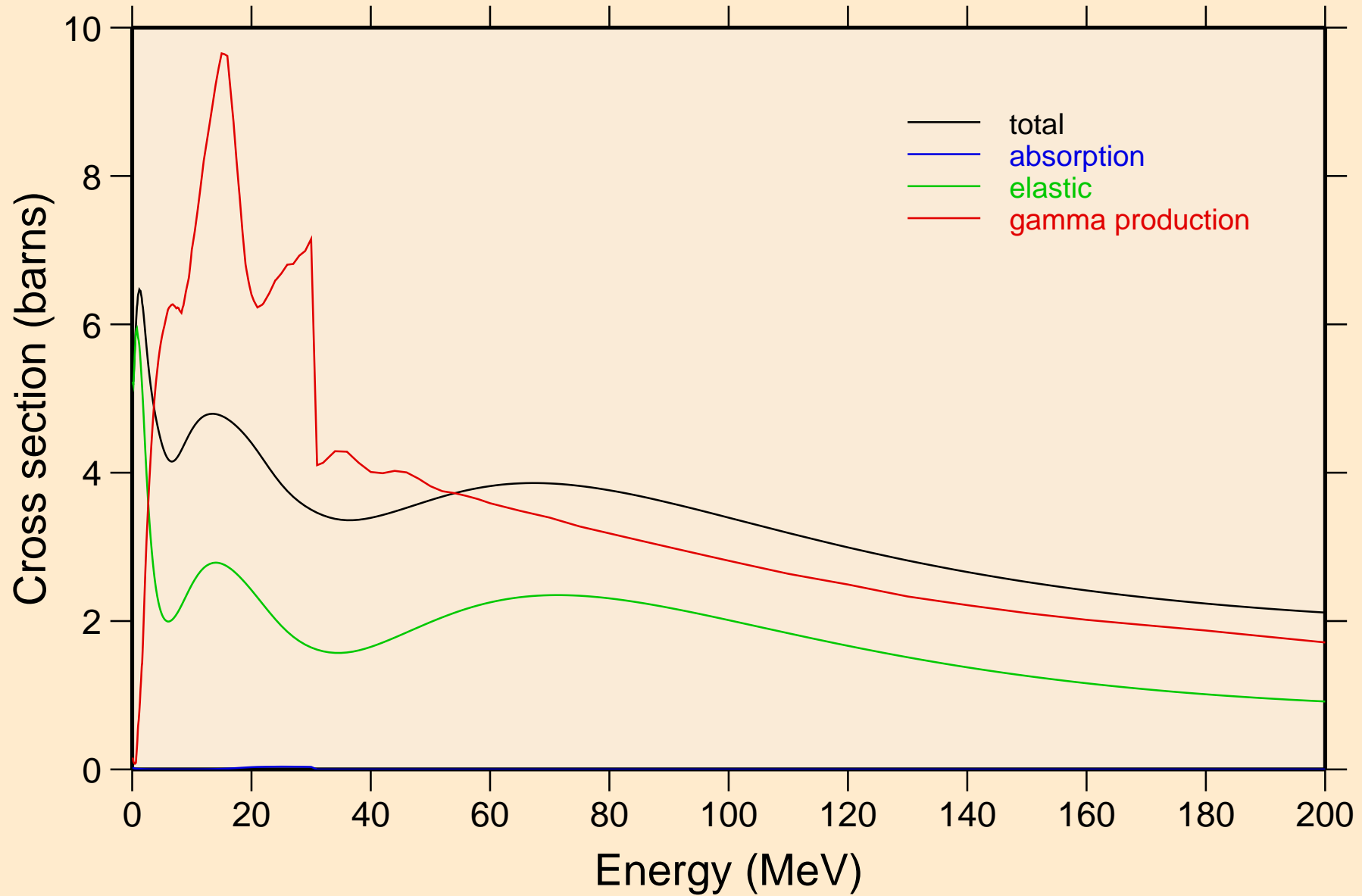
TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

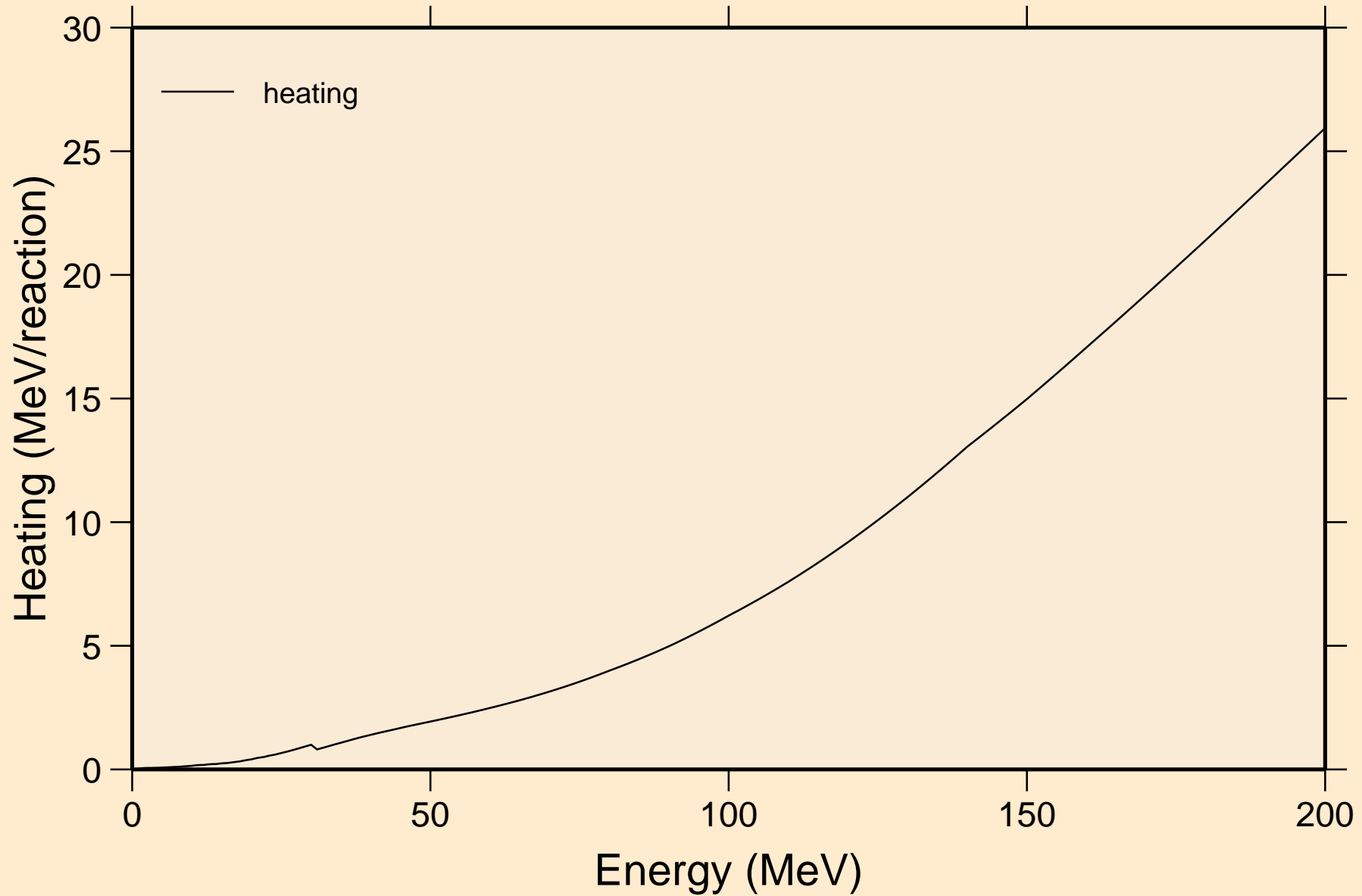


TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Principal cross sections

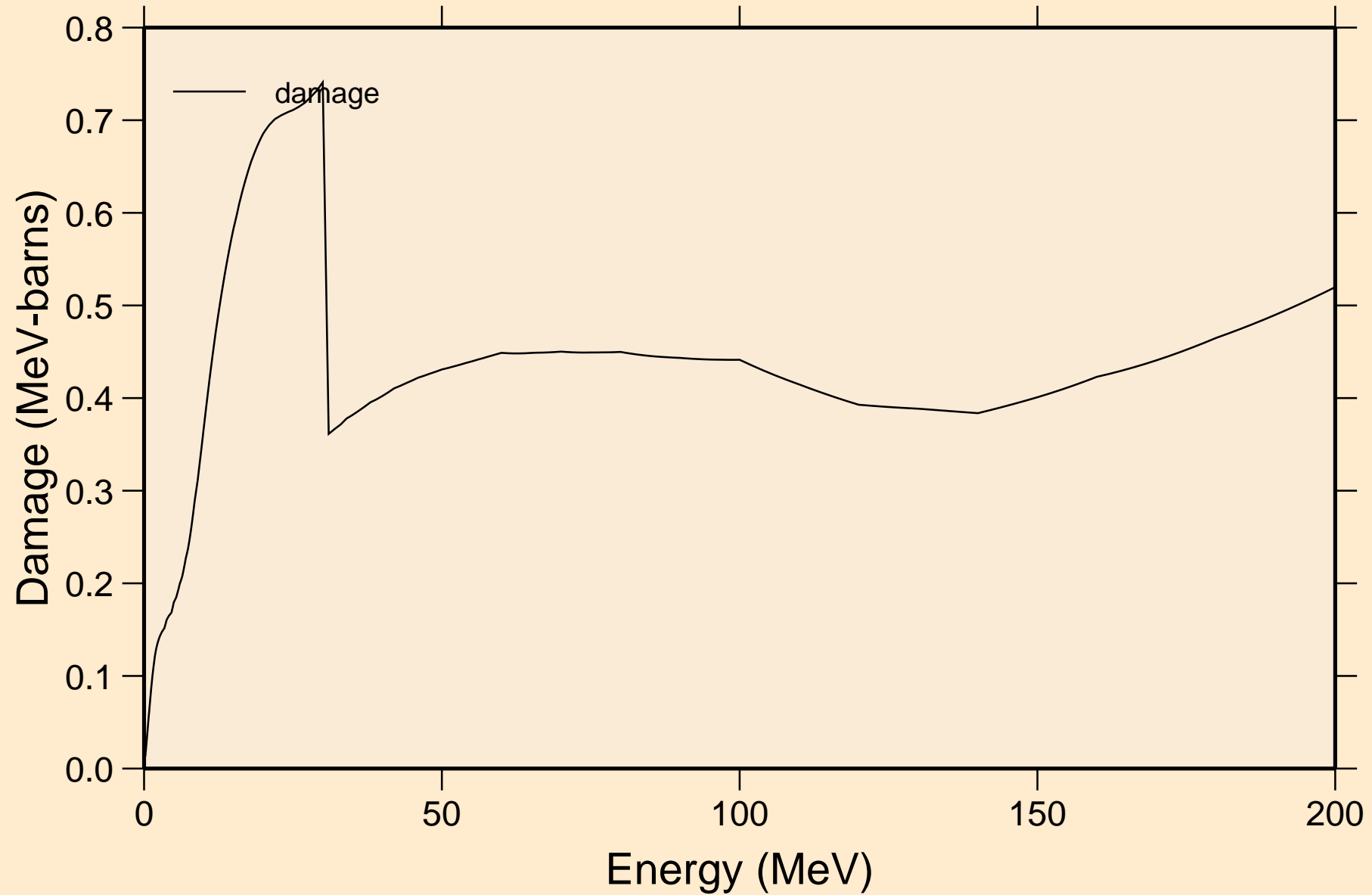


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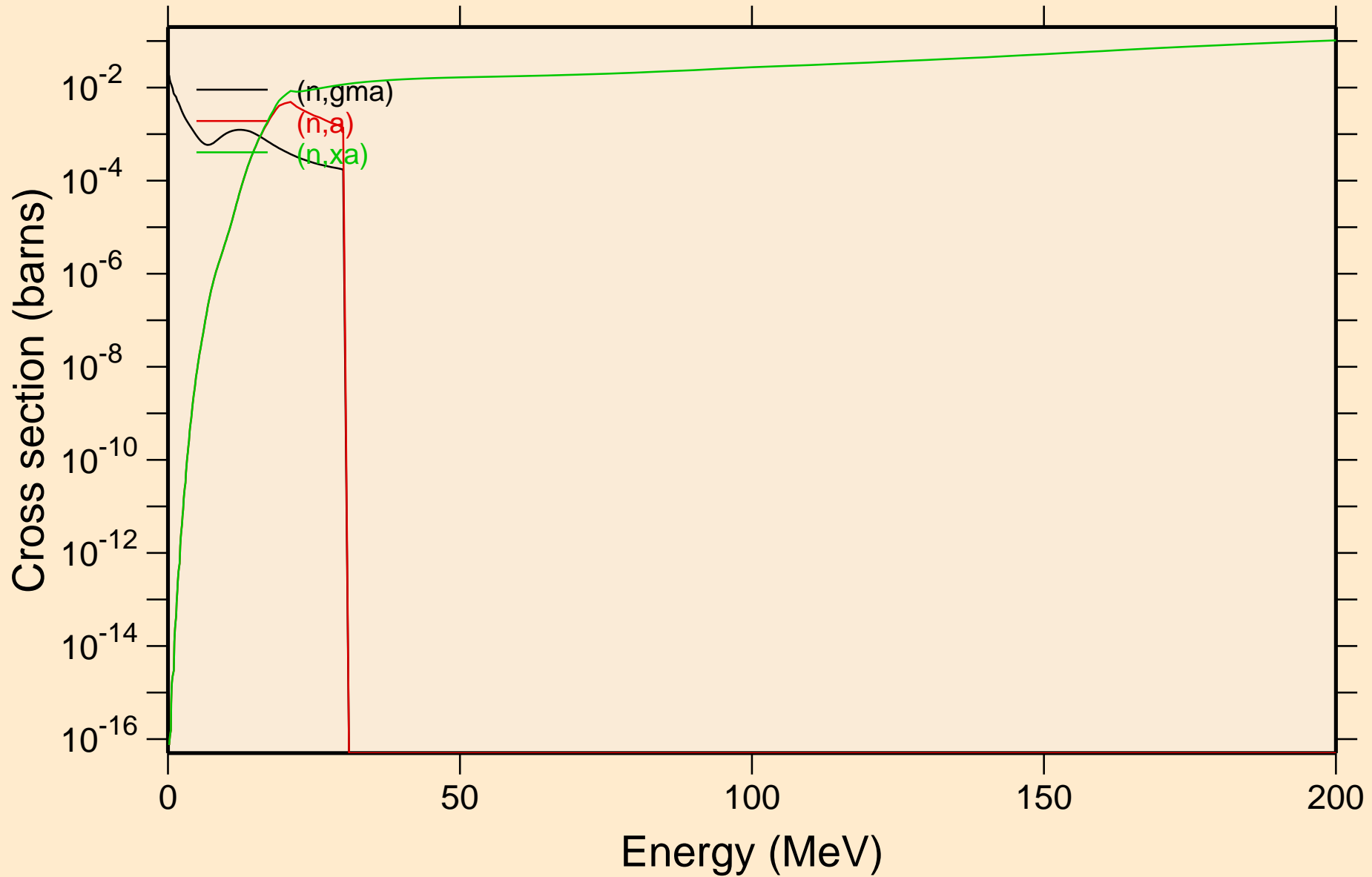
## Heating



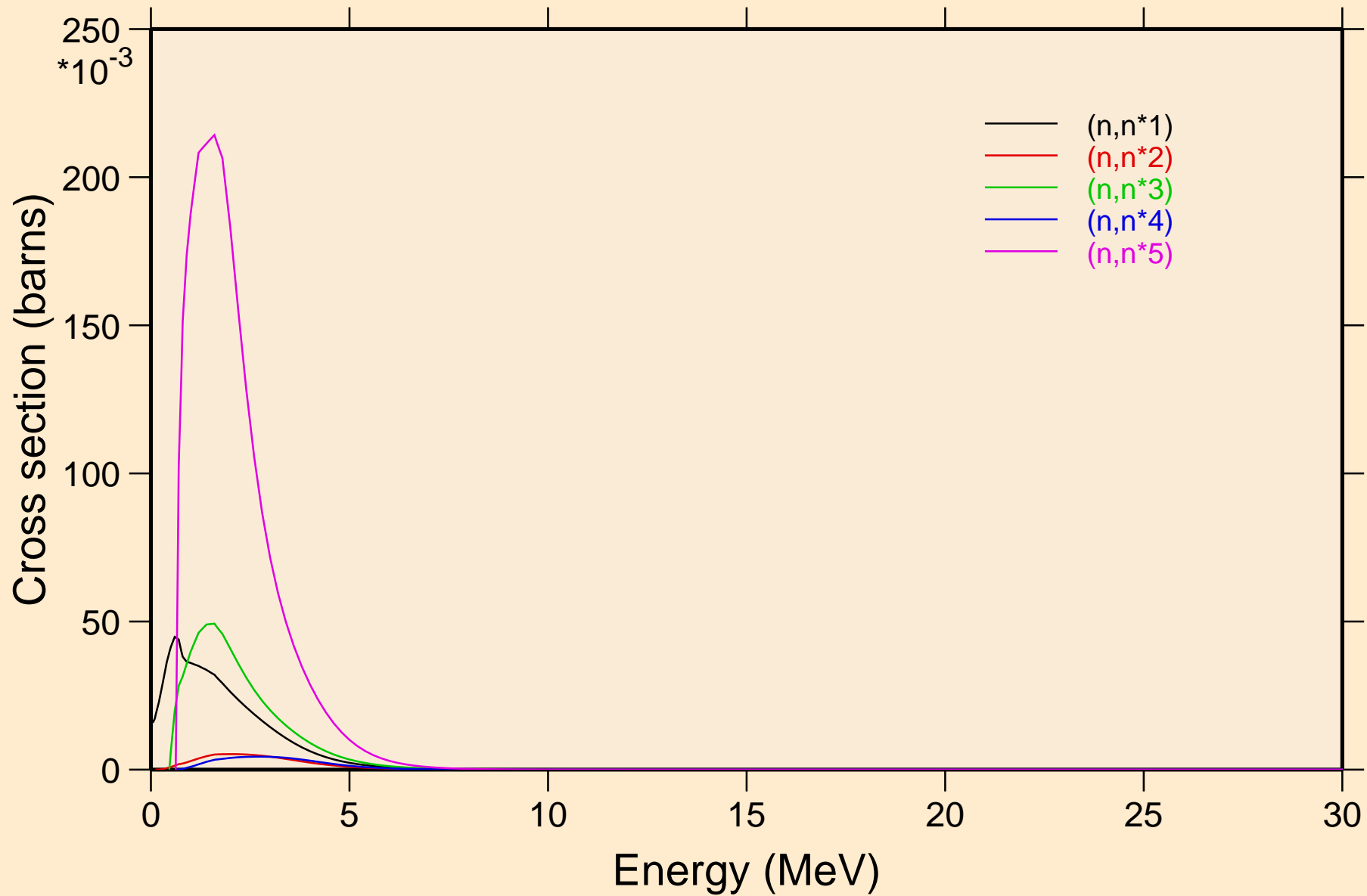
TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

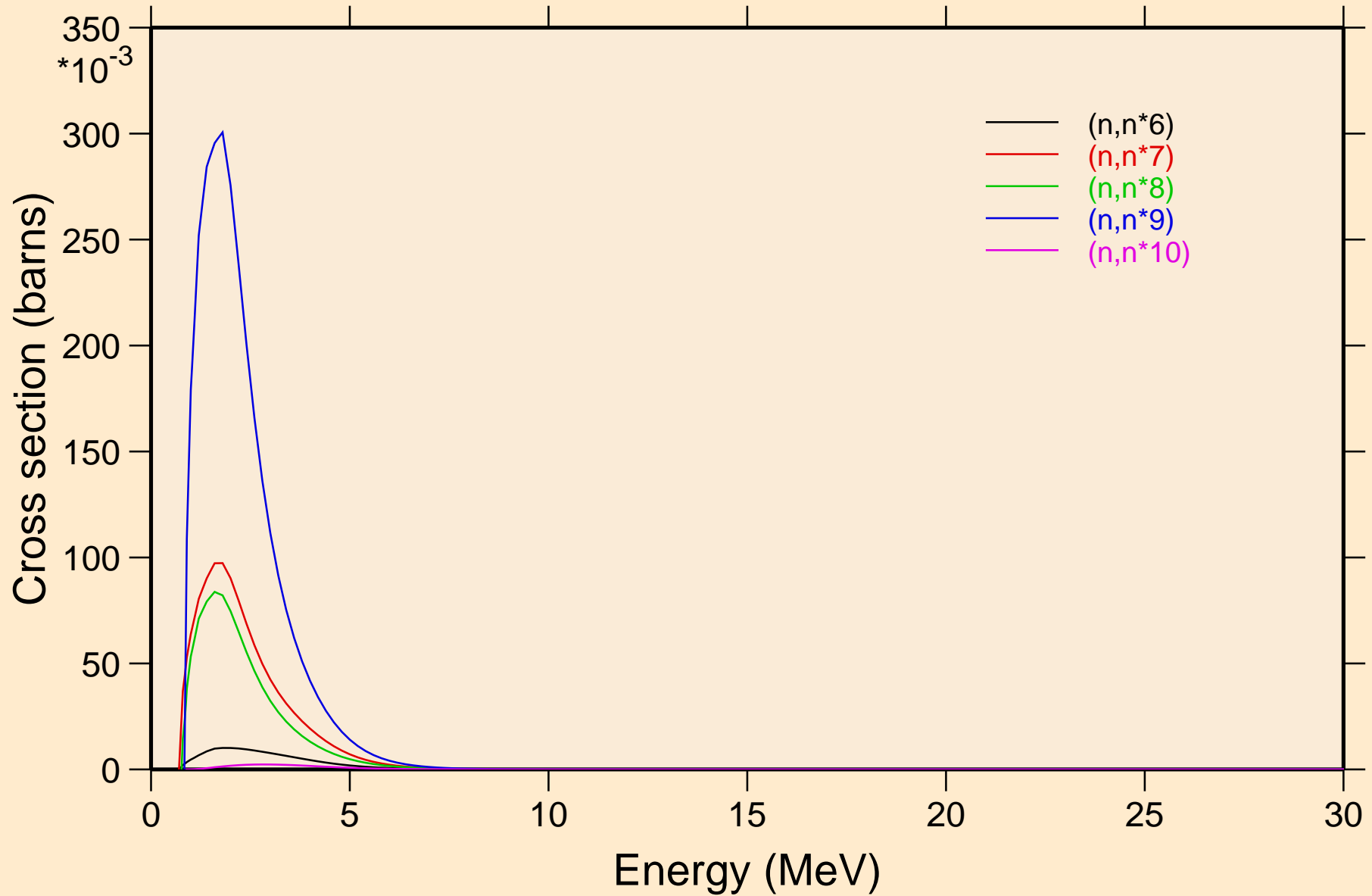


TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

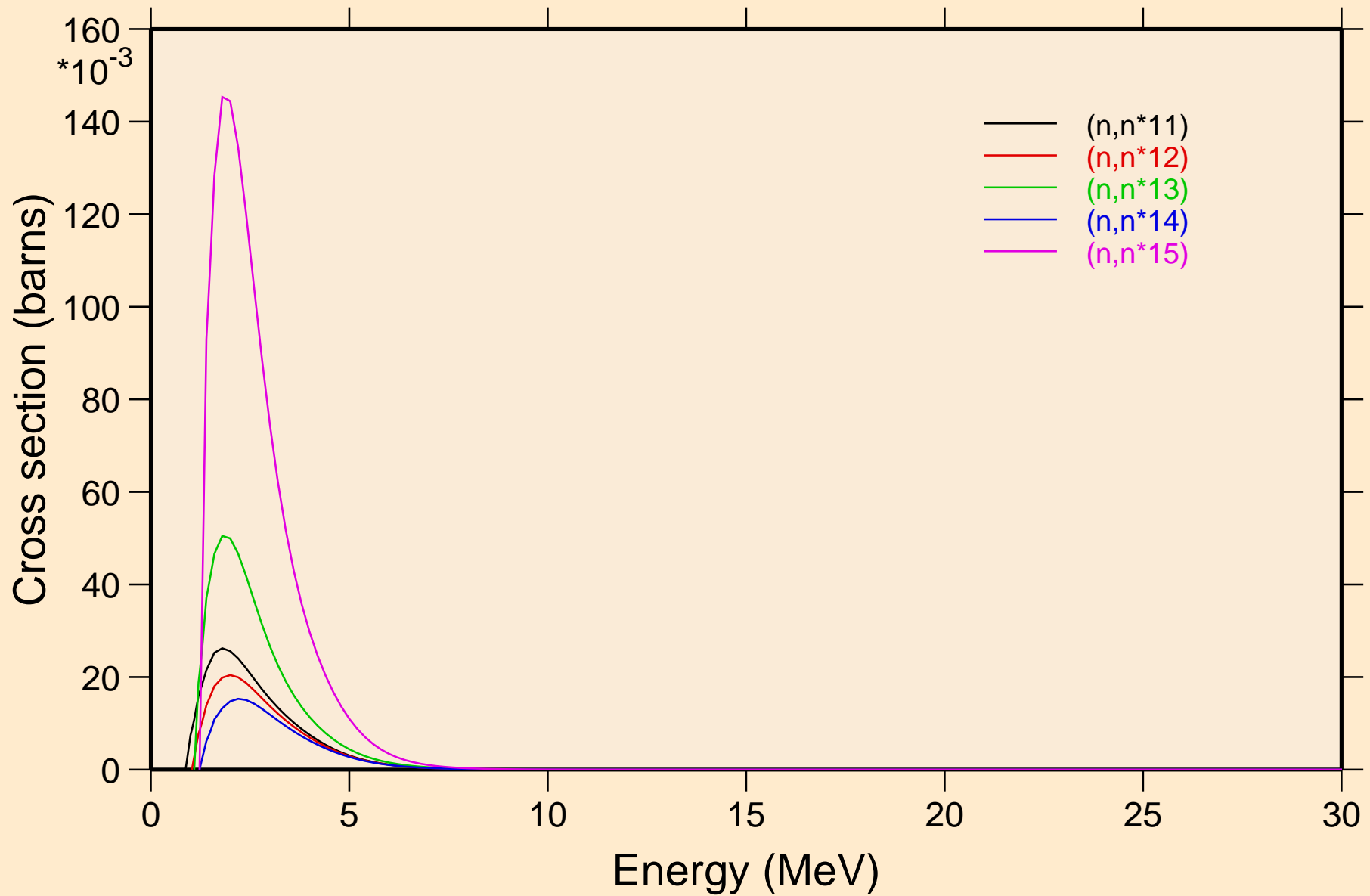




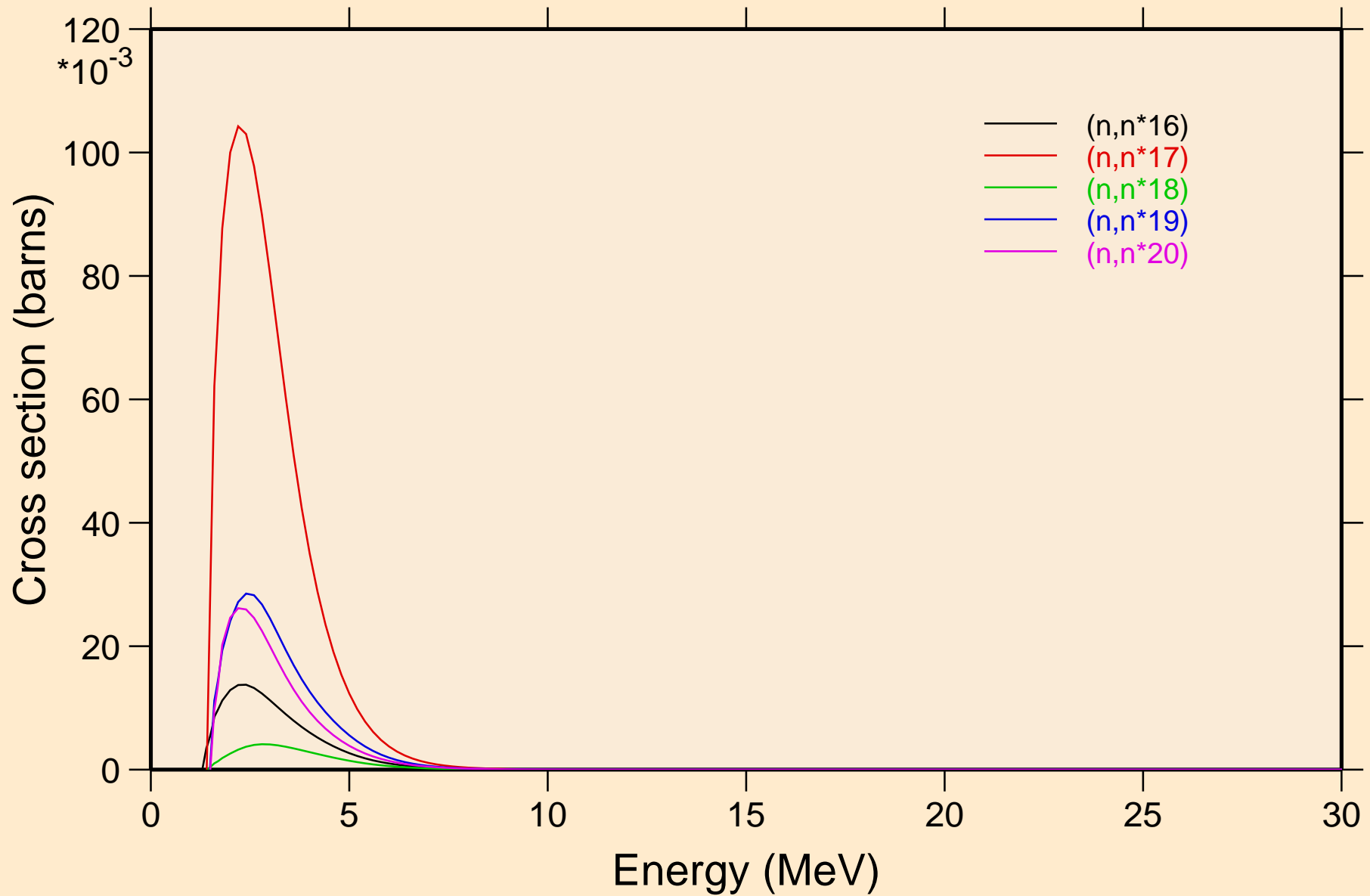
TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



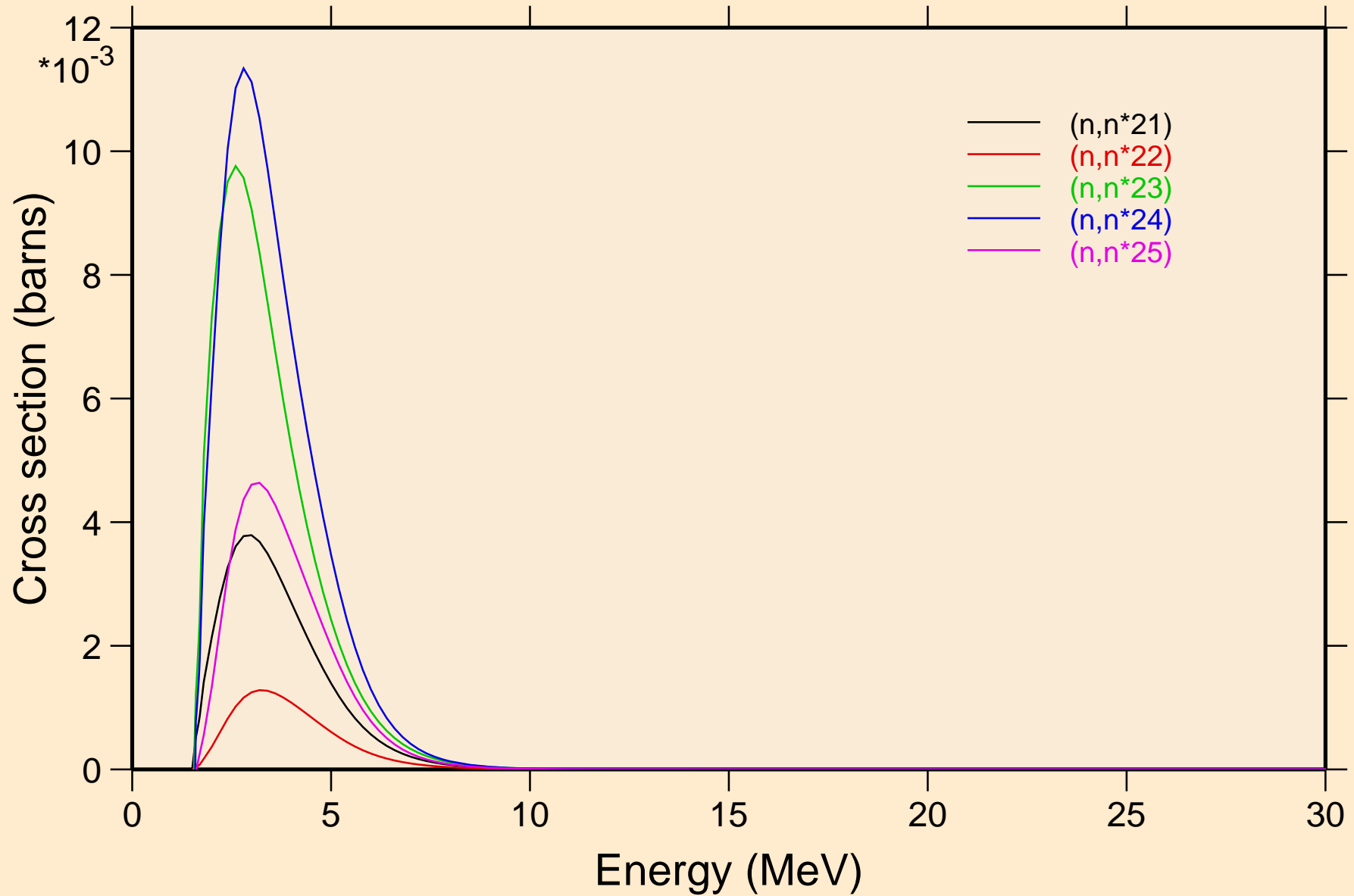
TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



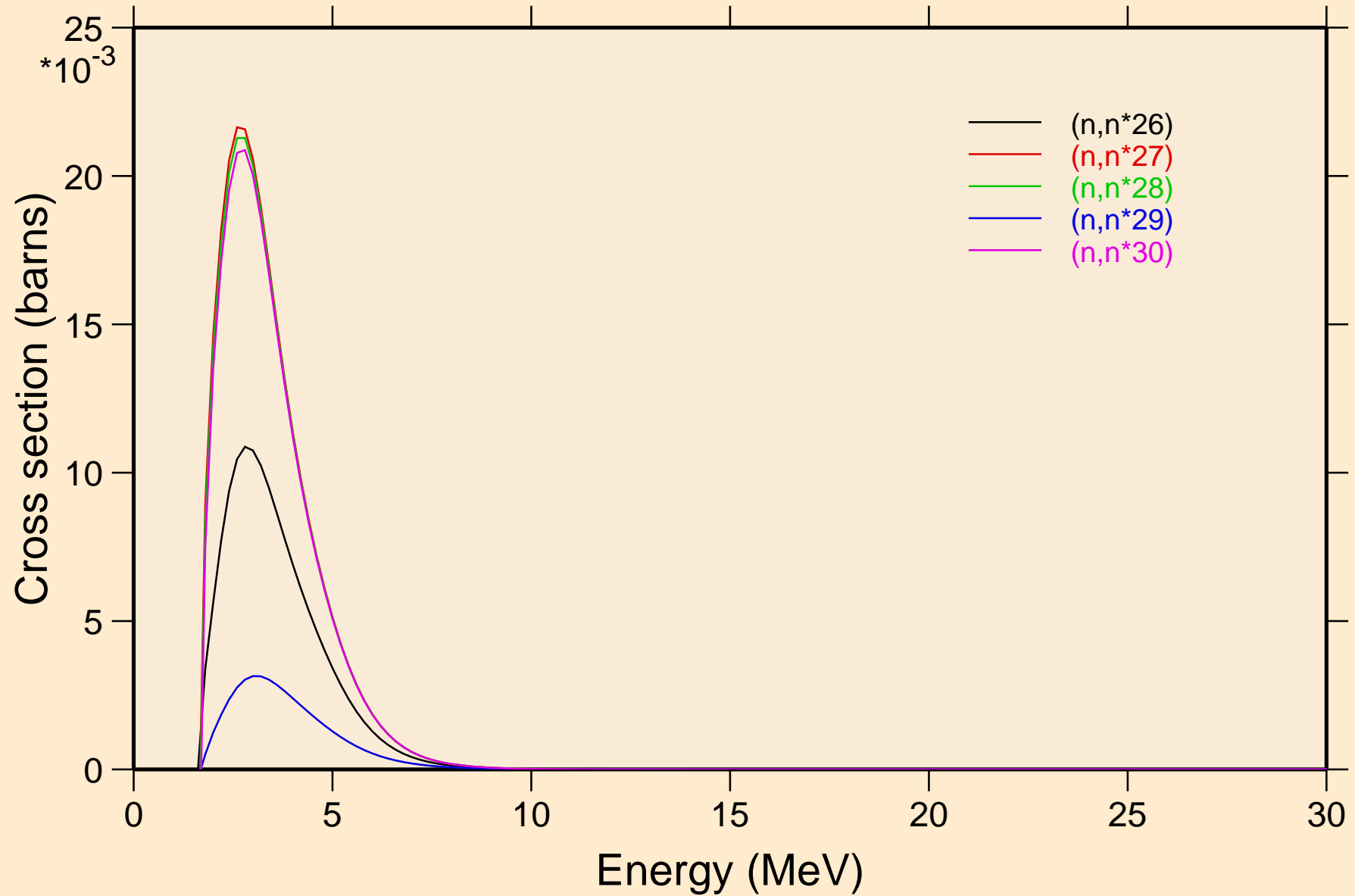
TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



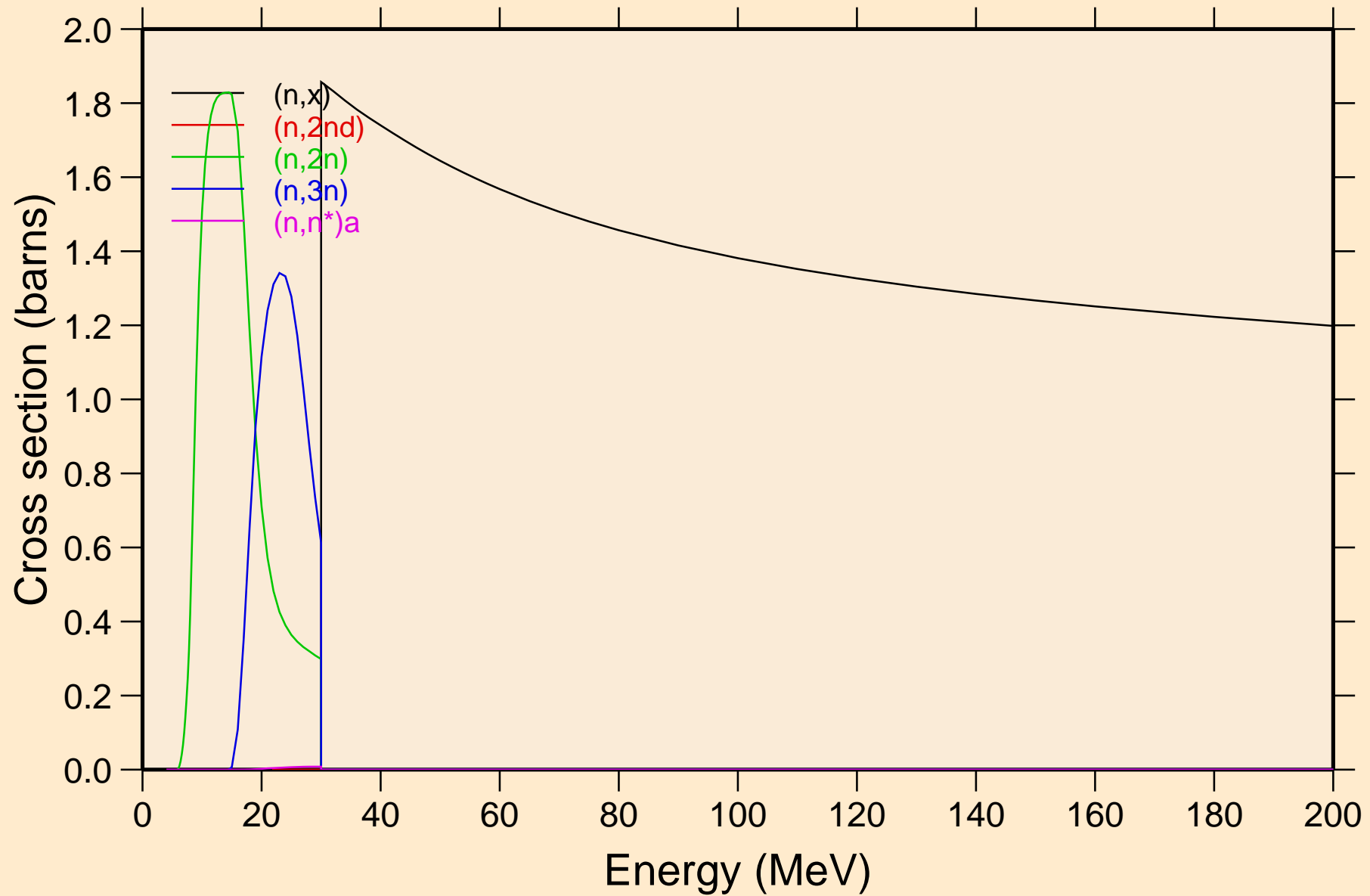
TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

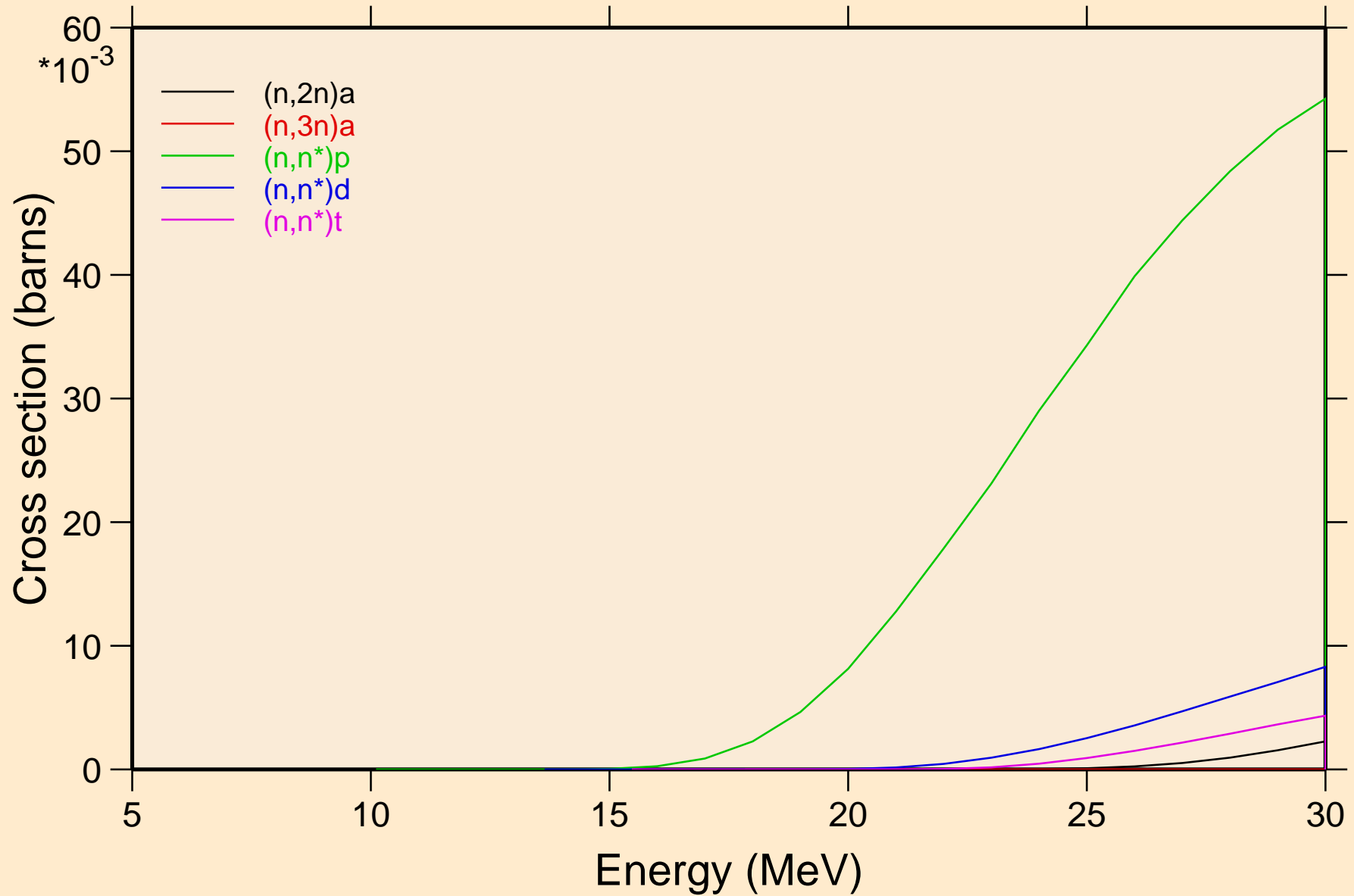


TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

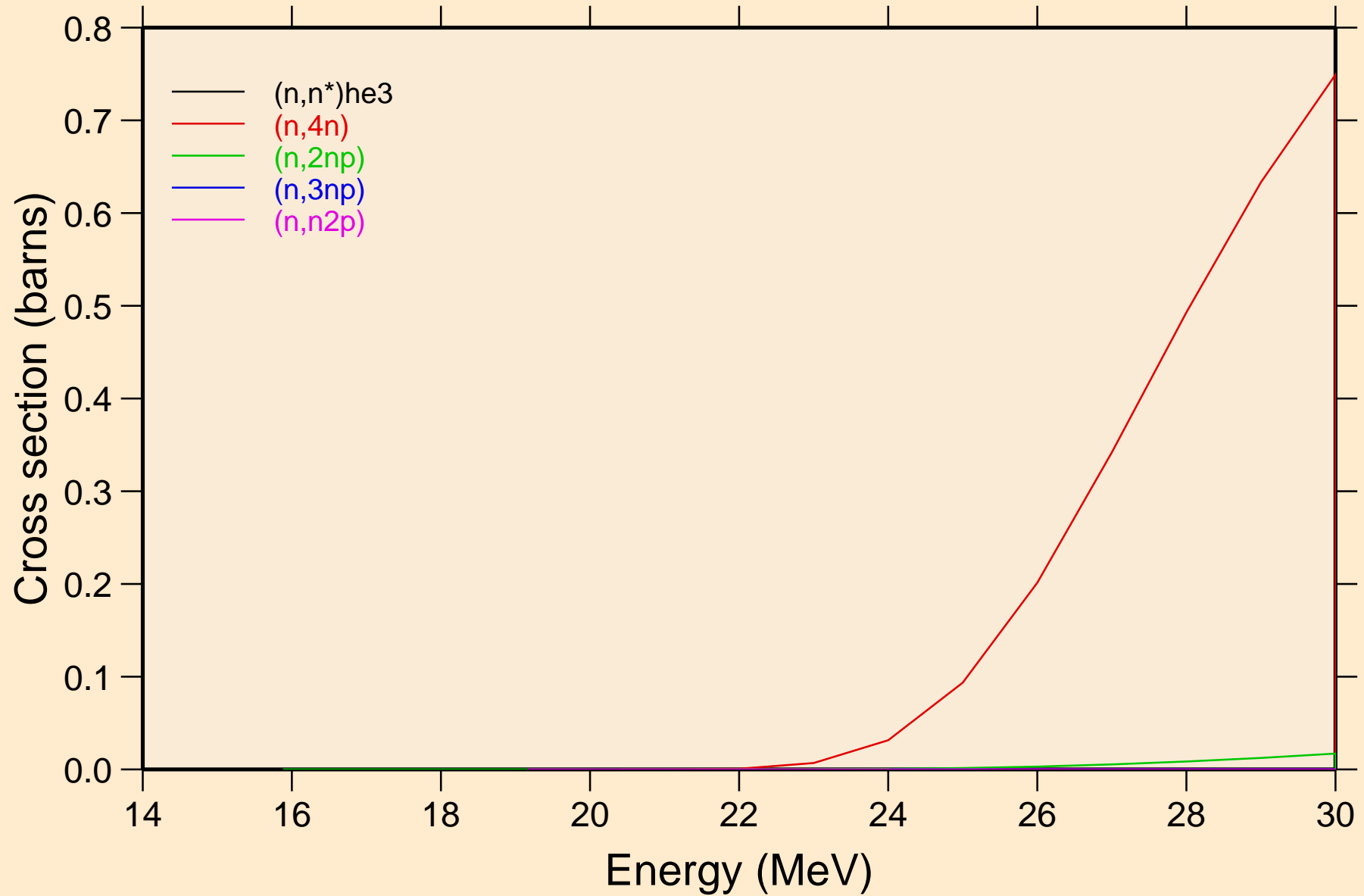


# TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



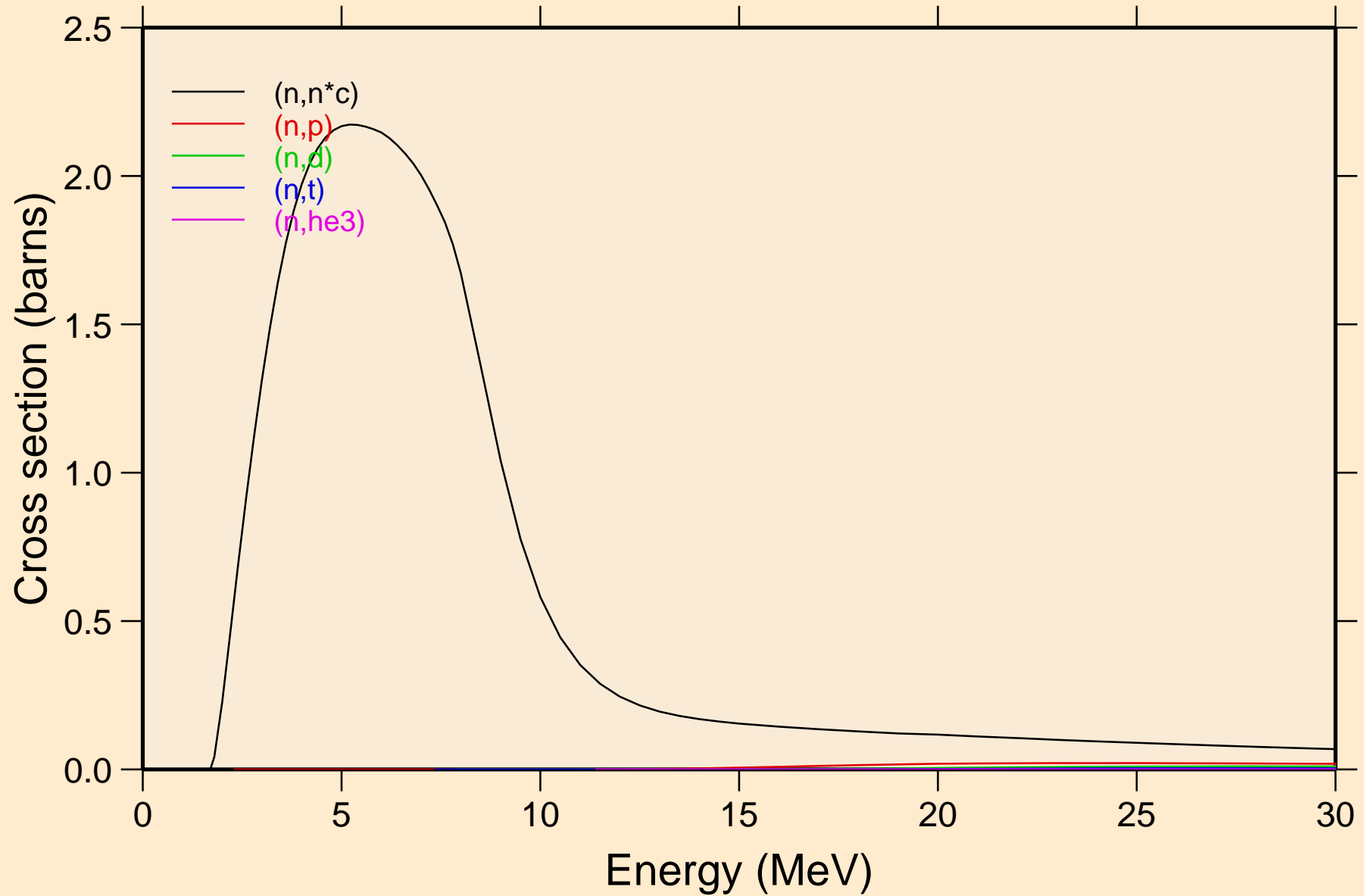
TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions





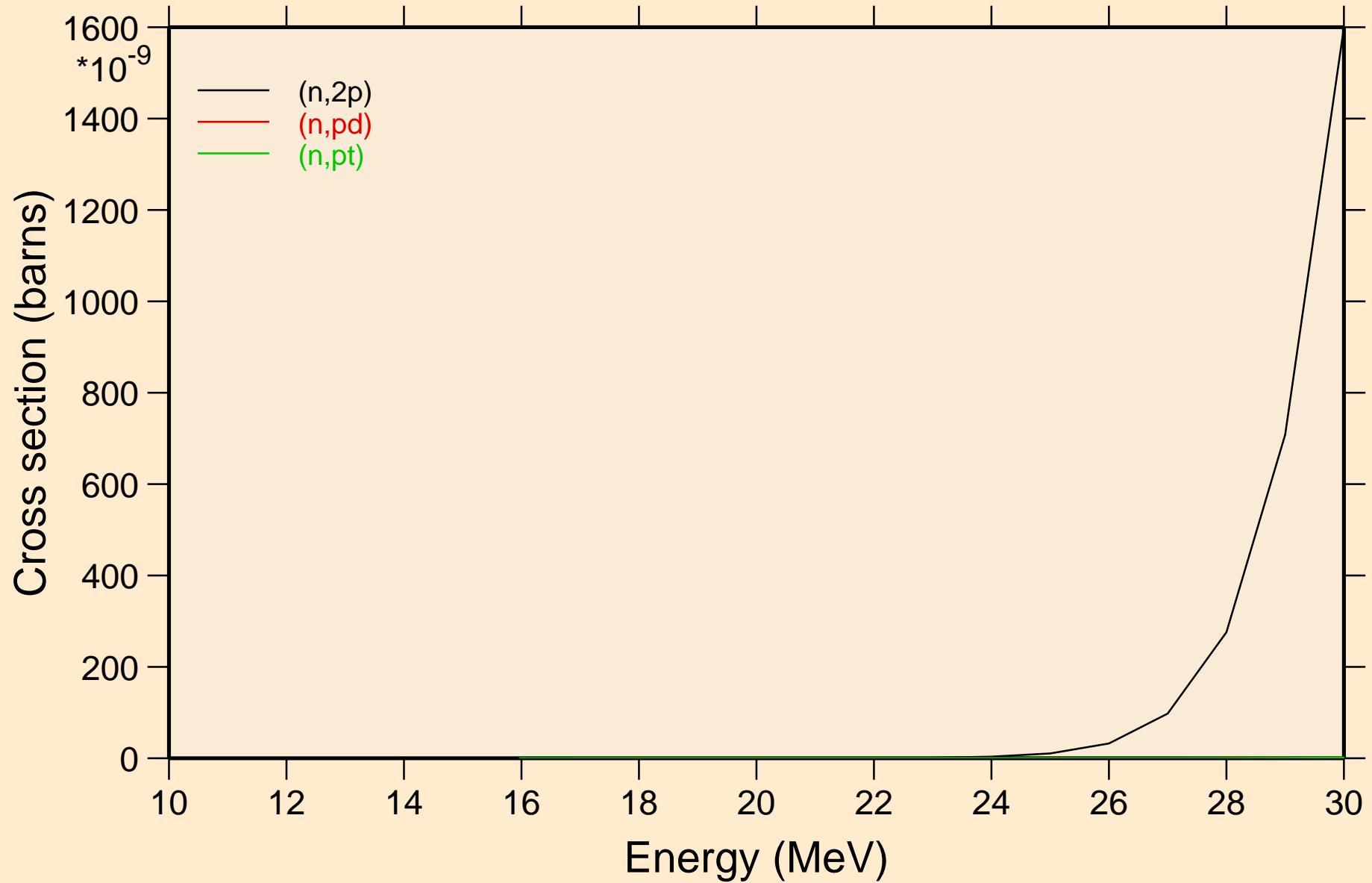
# TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

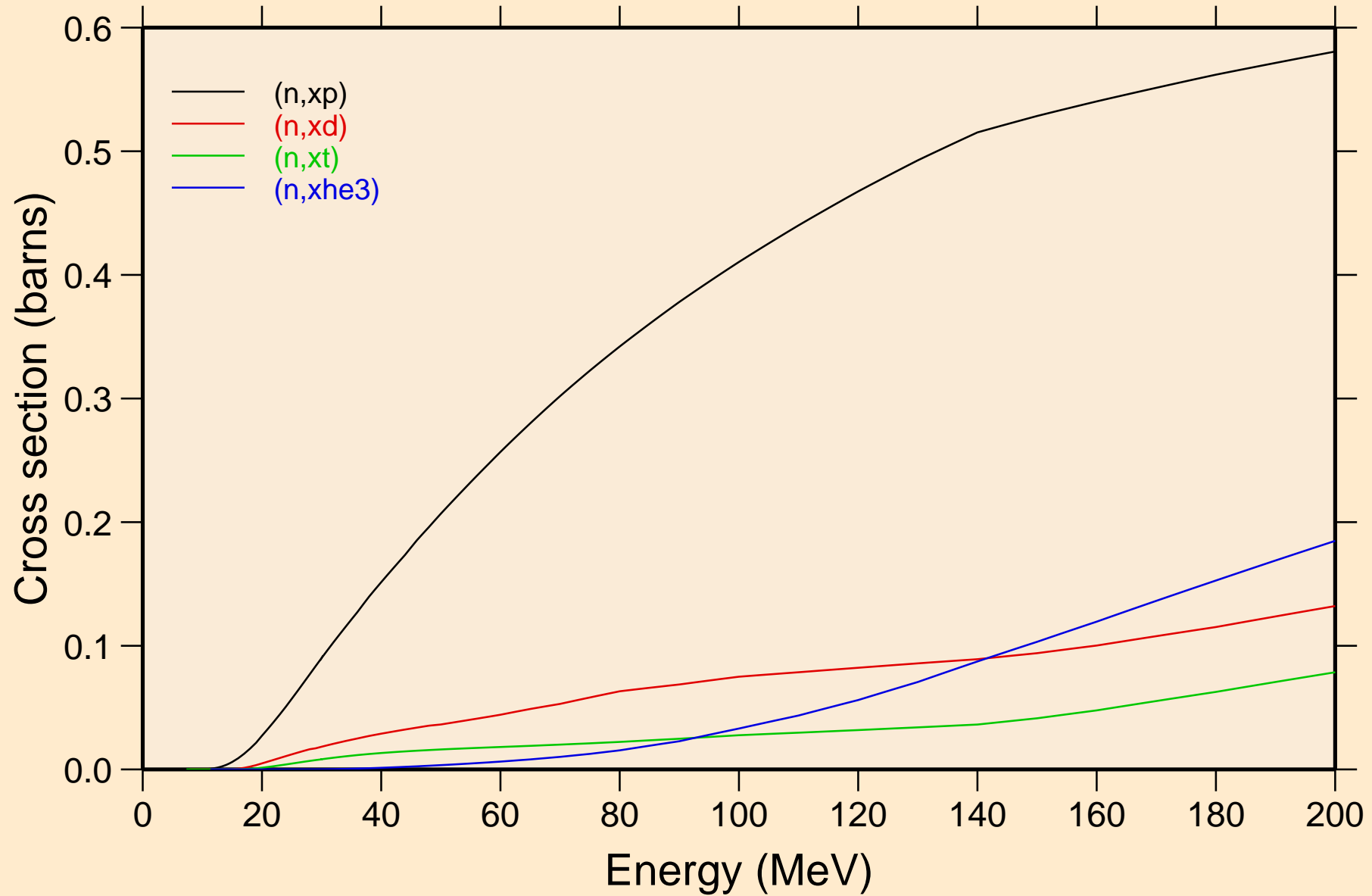


# TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

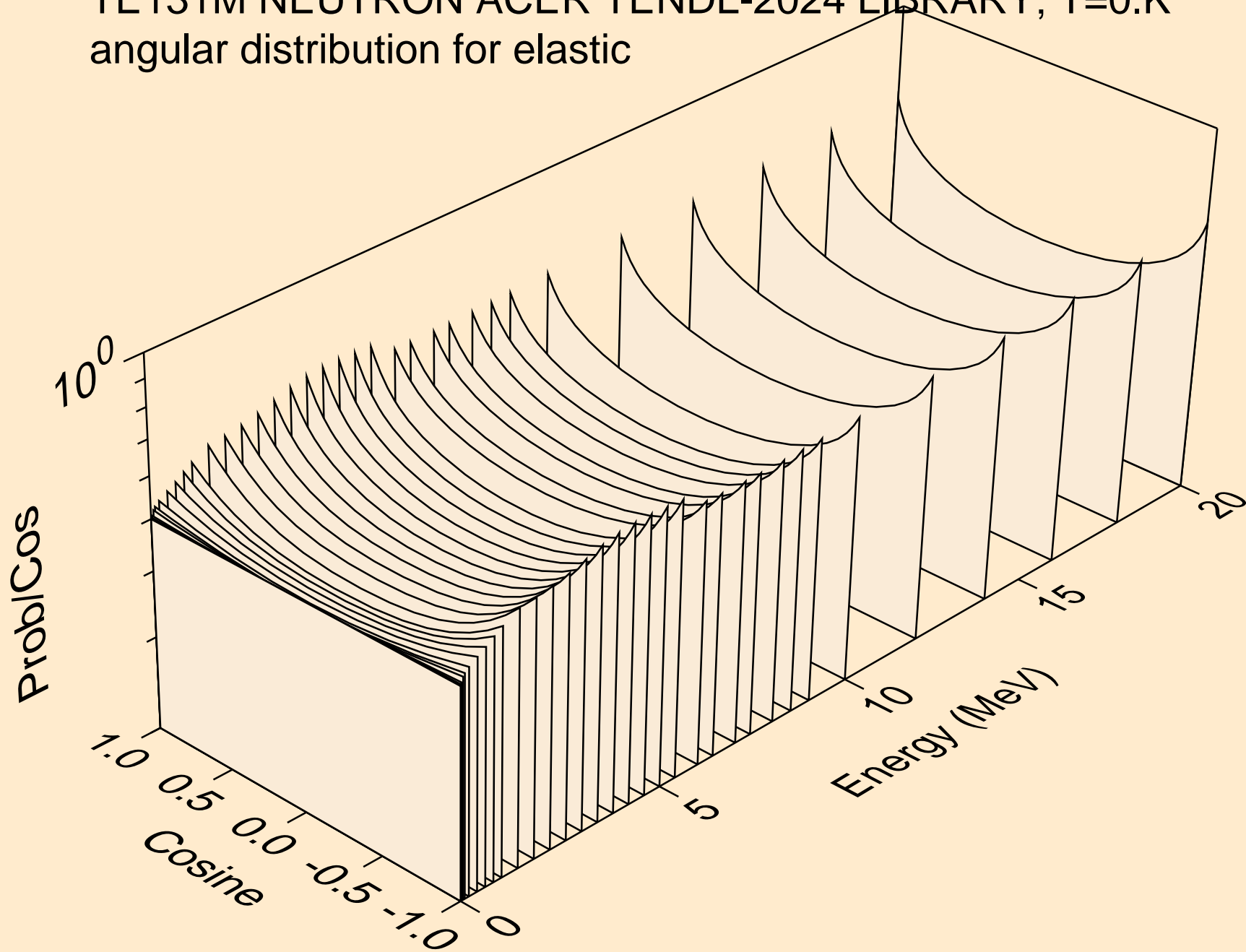
## Threshold reactions



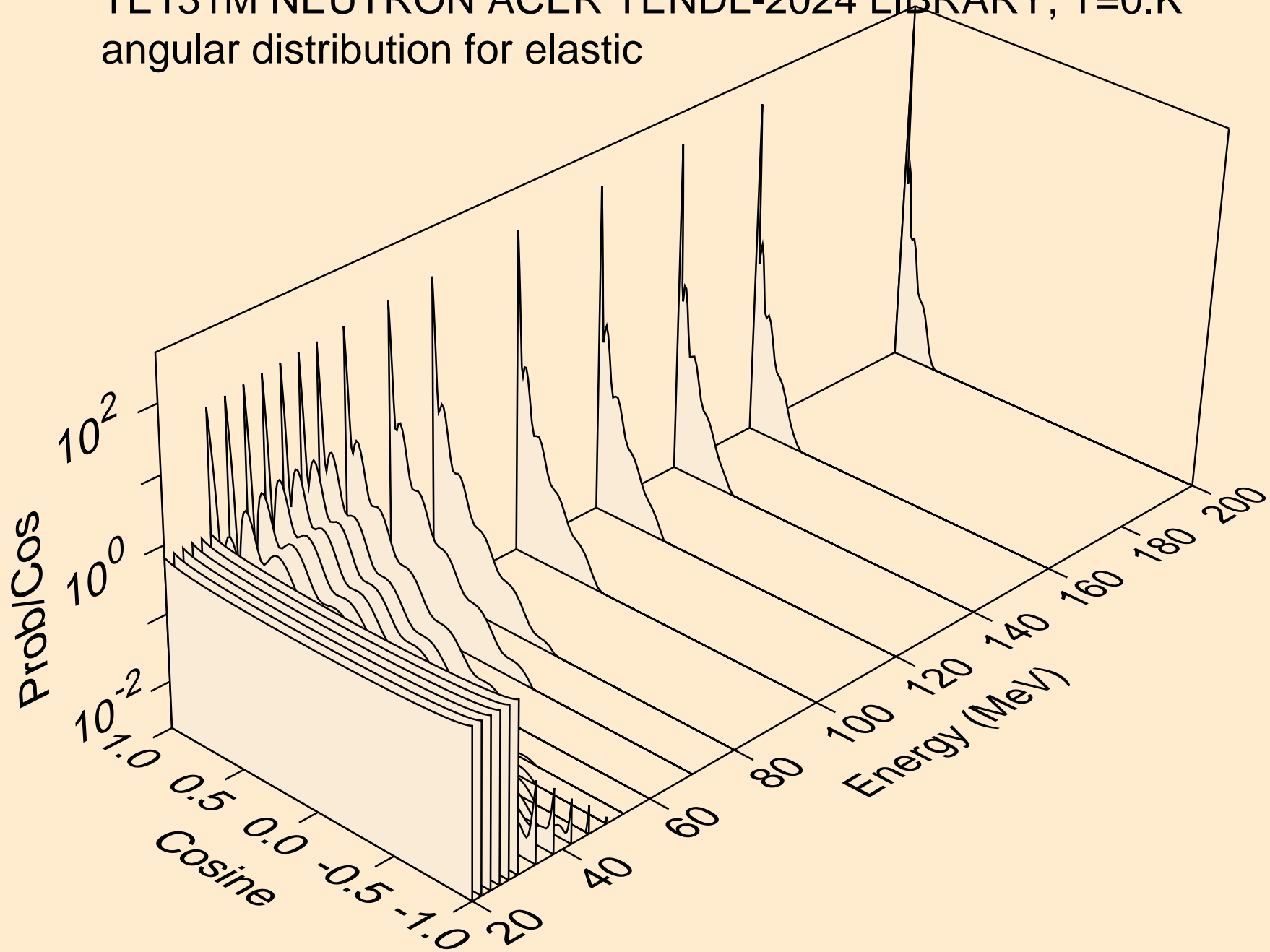
TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



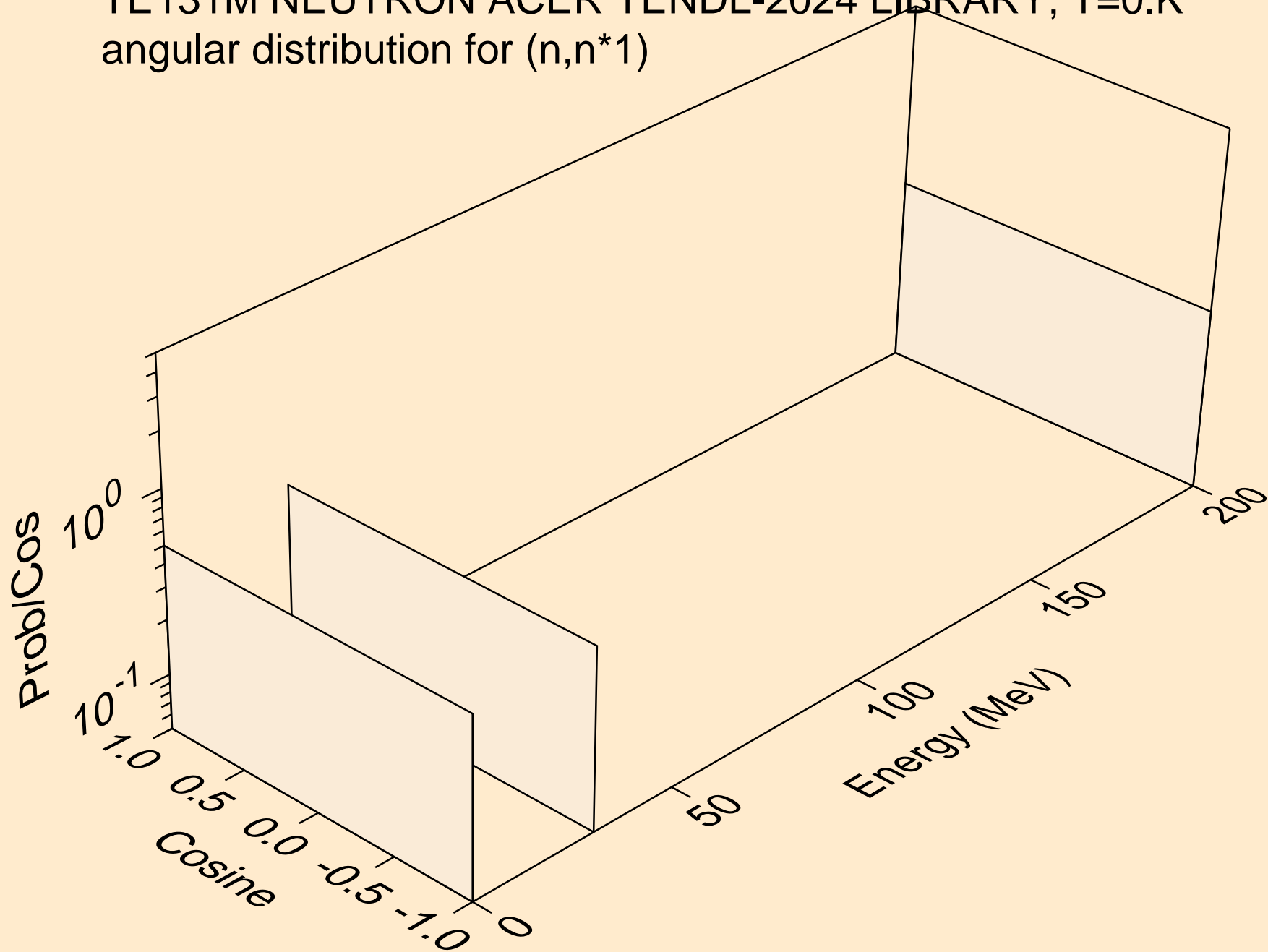
TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



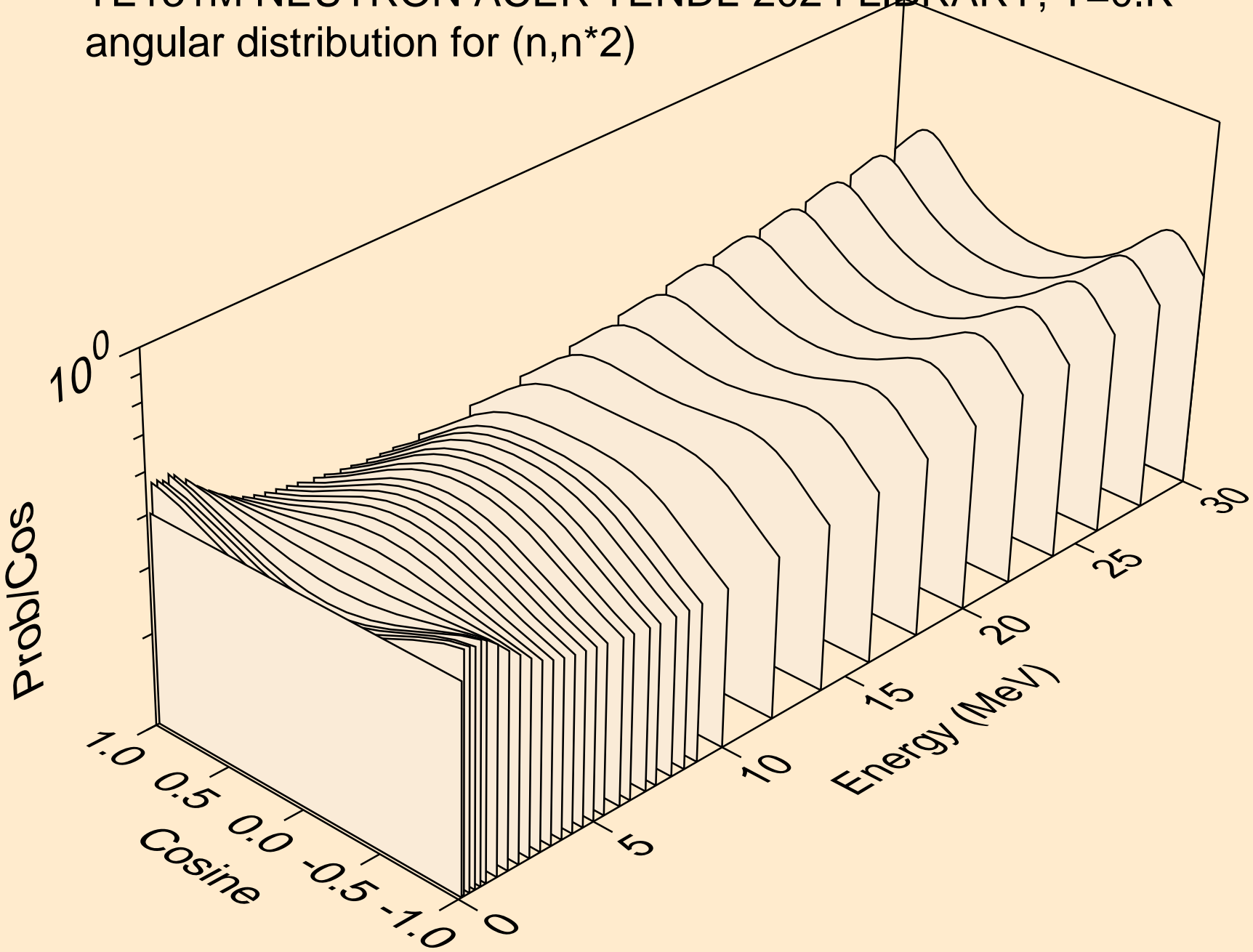
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angular distribution for elastic



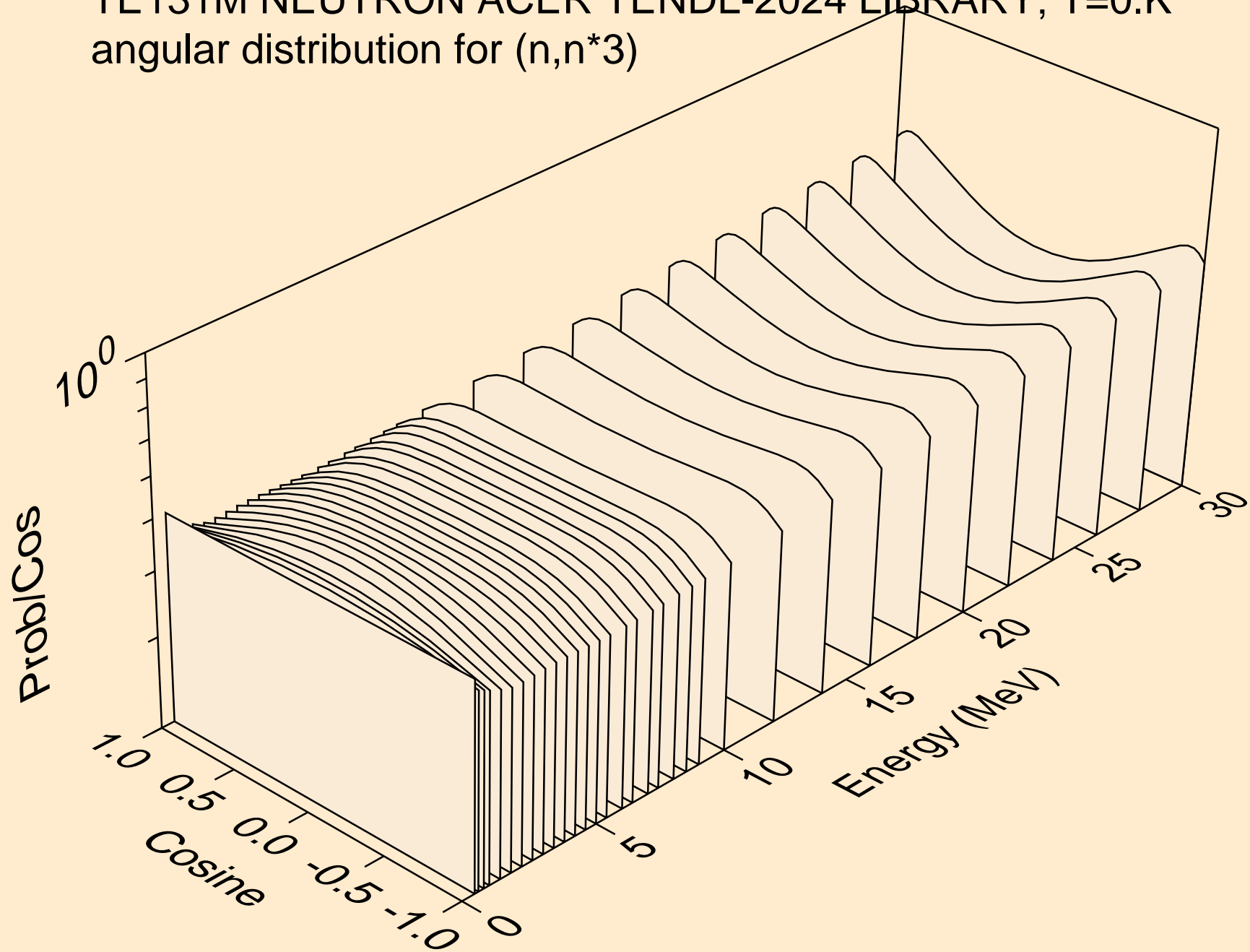
TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

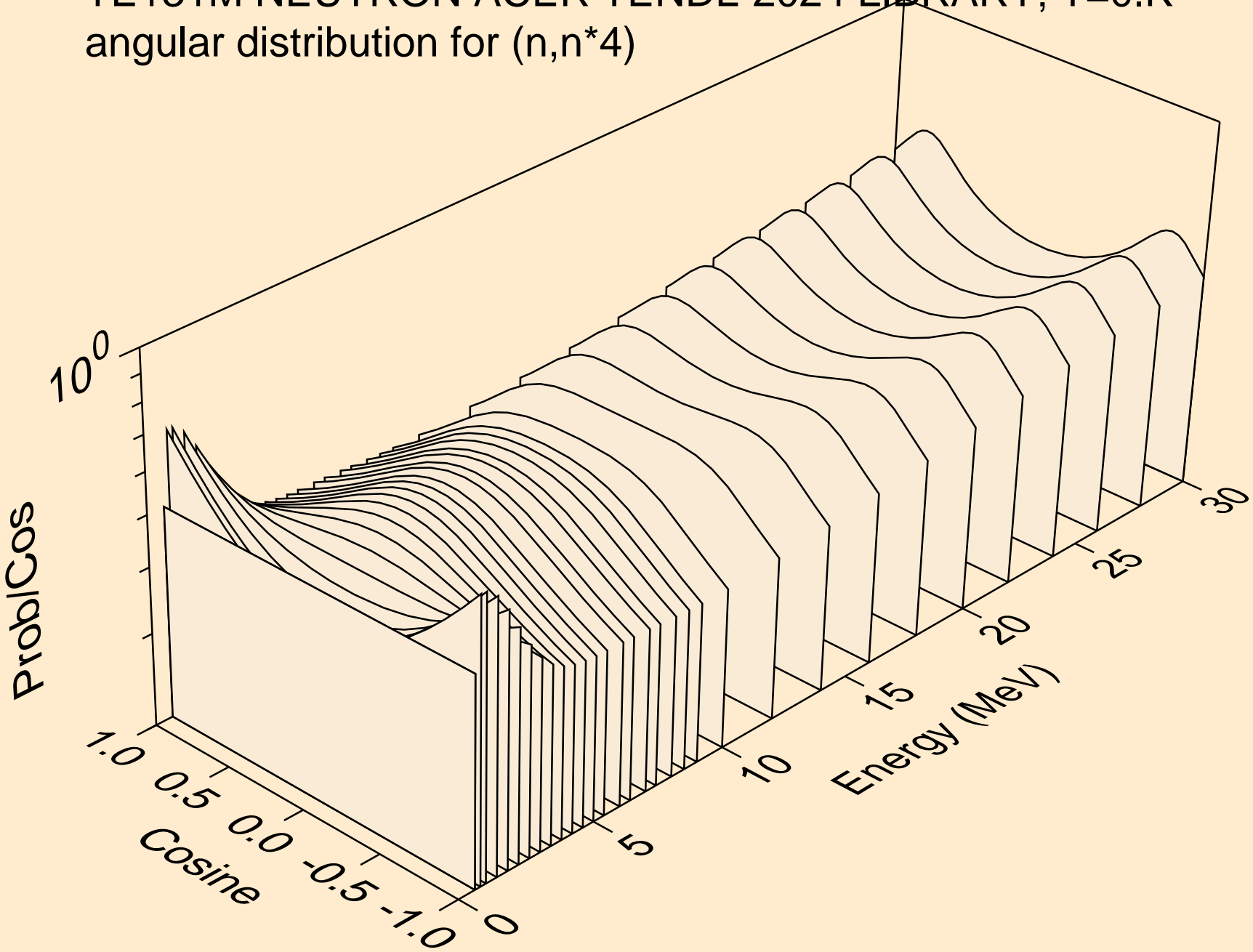


TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)

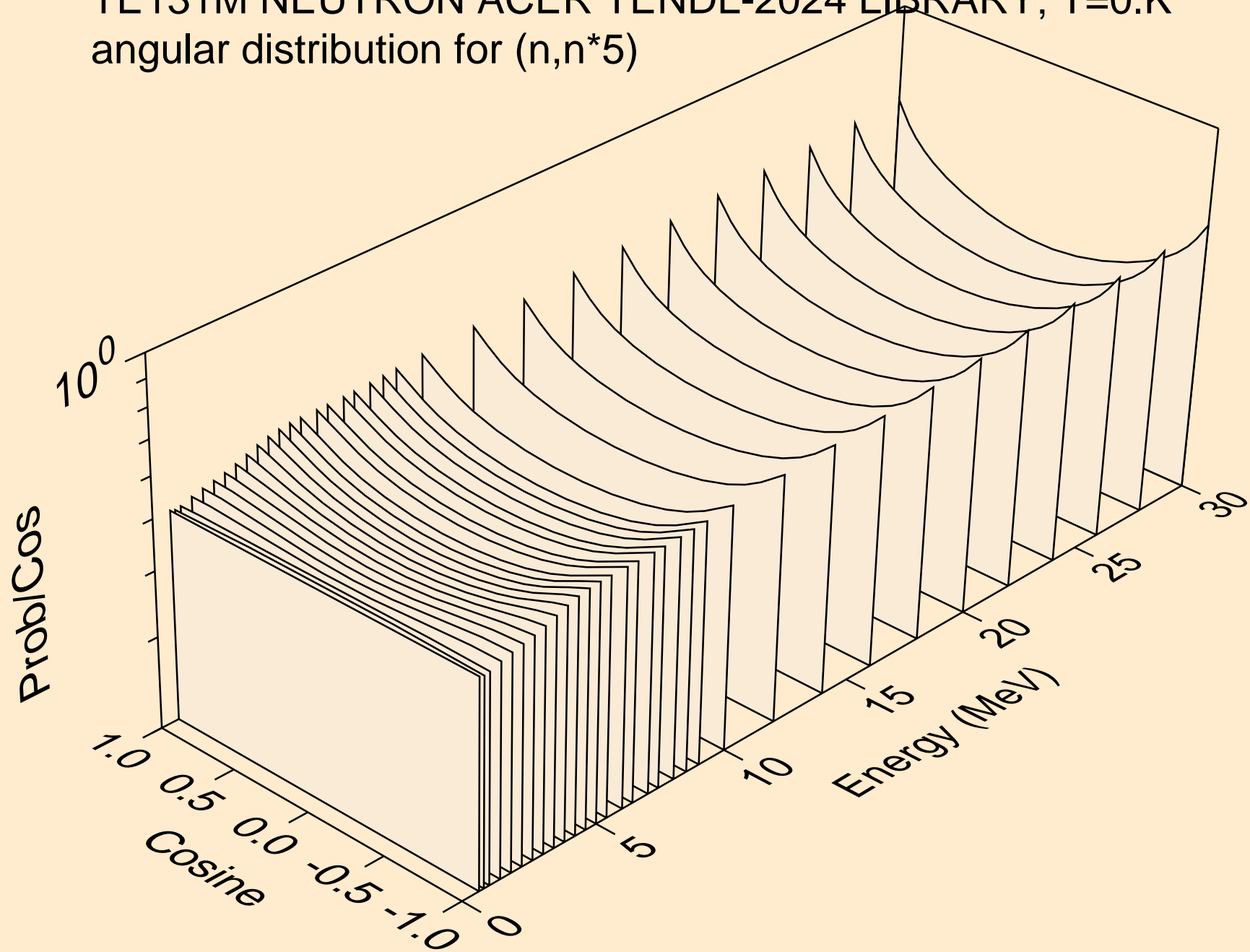




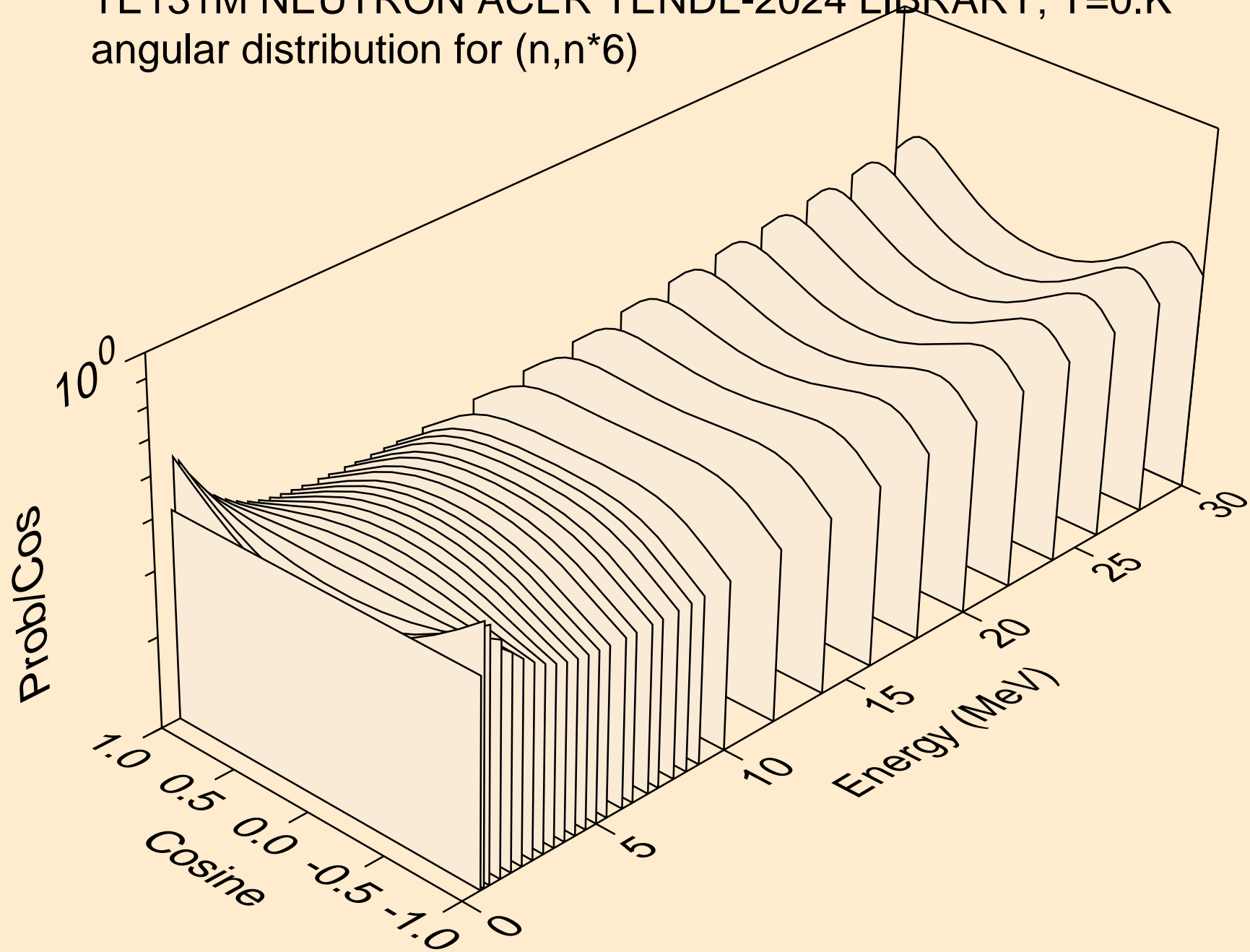
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angular distribution for (n,n\*4)



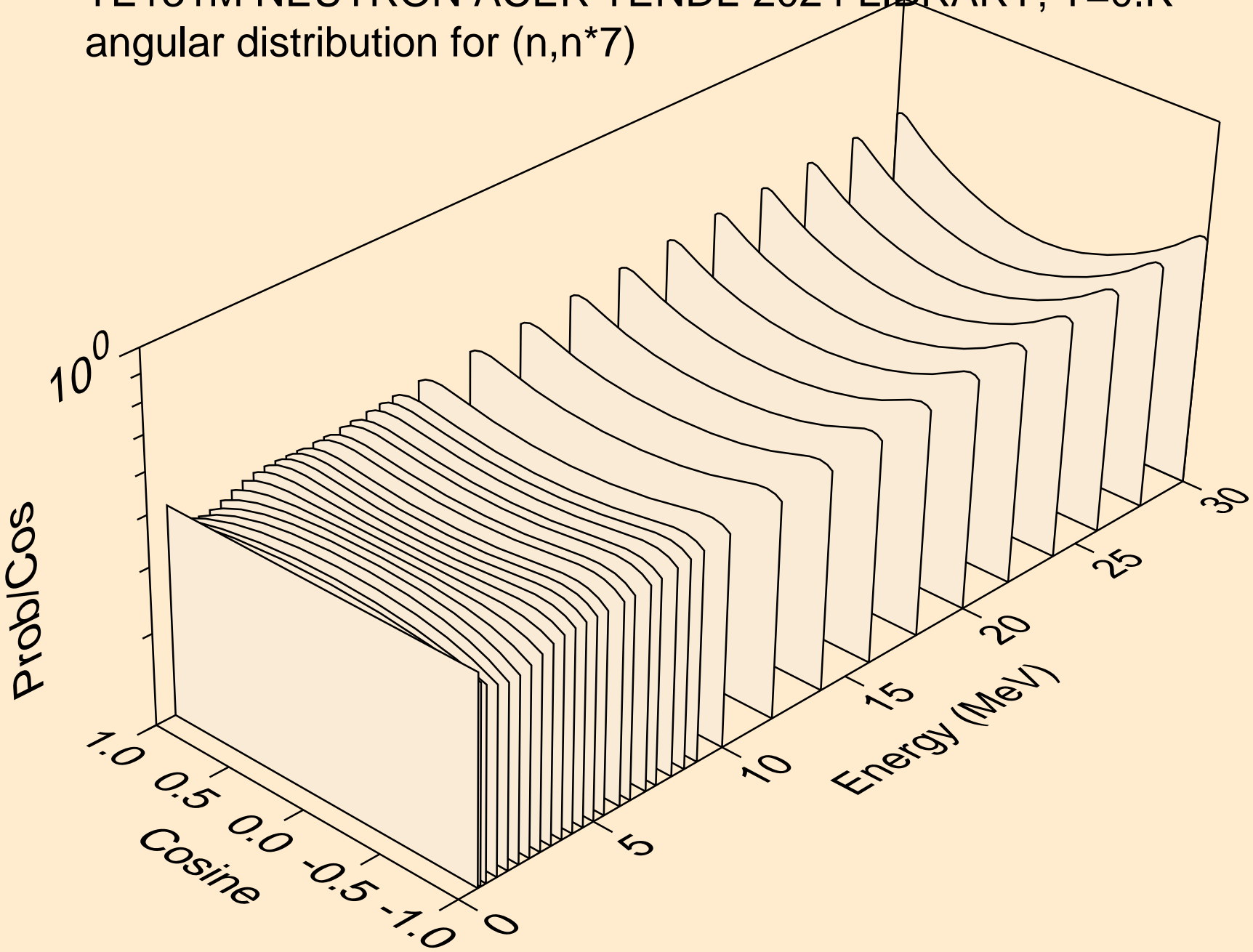
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angular distribution for (n,n\*5)



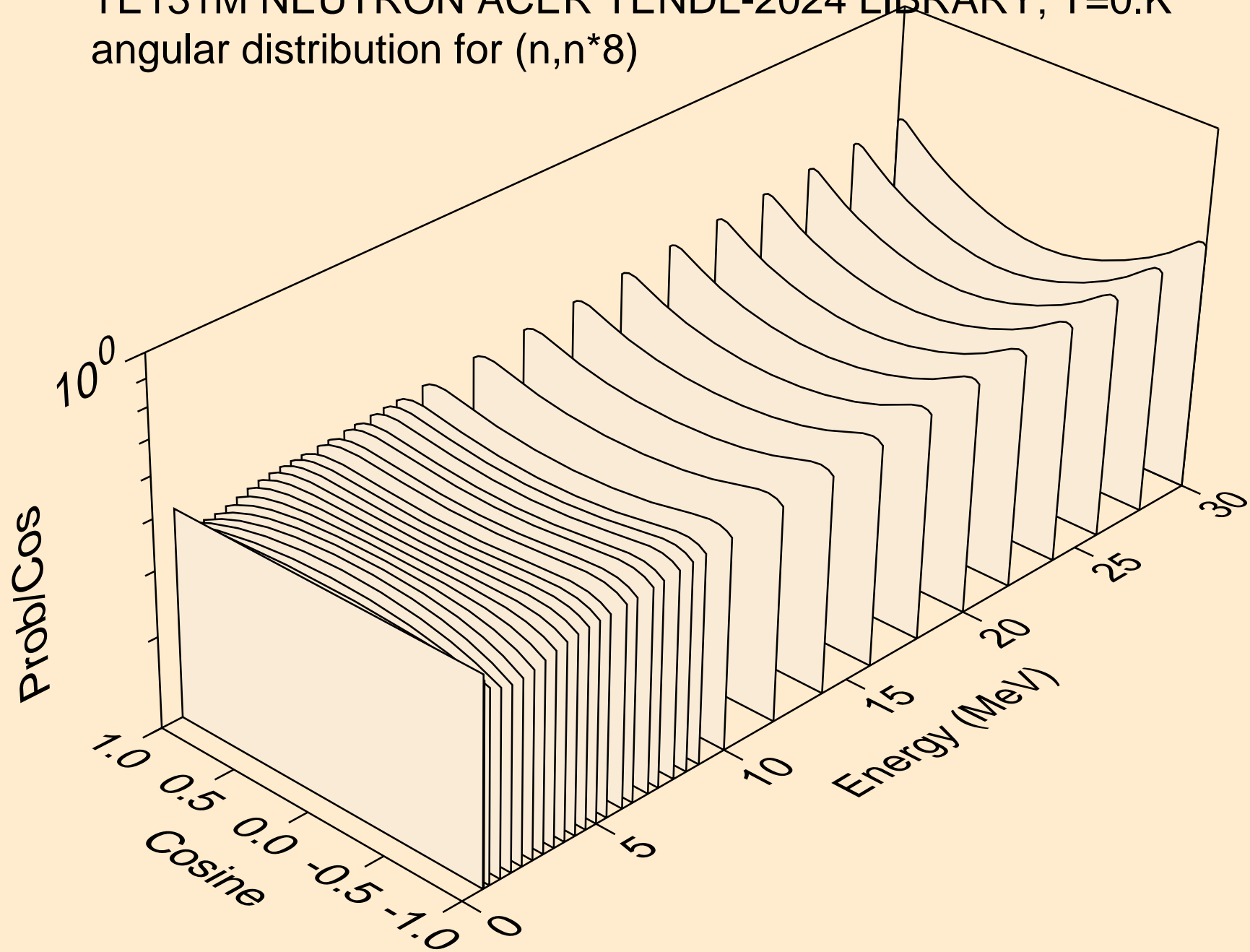
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angular distribution for (n,n\*6)



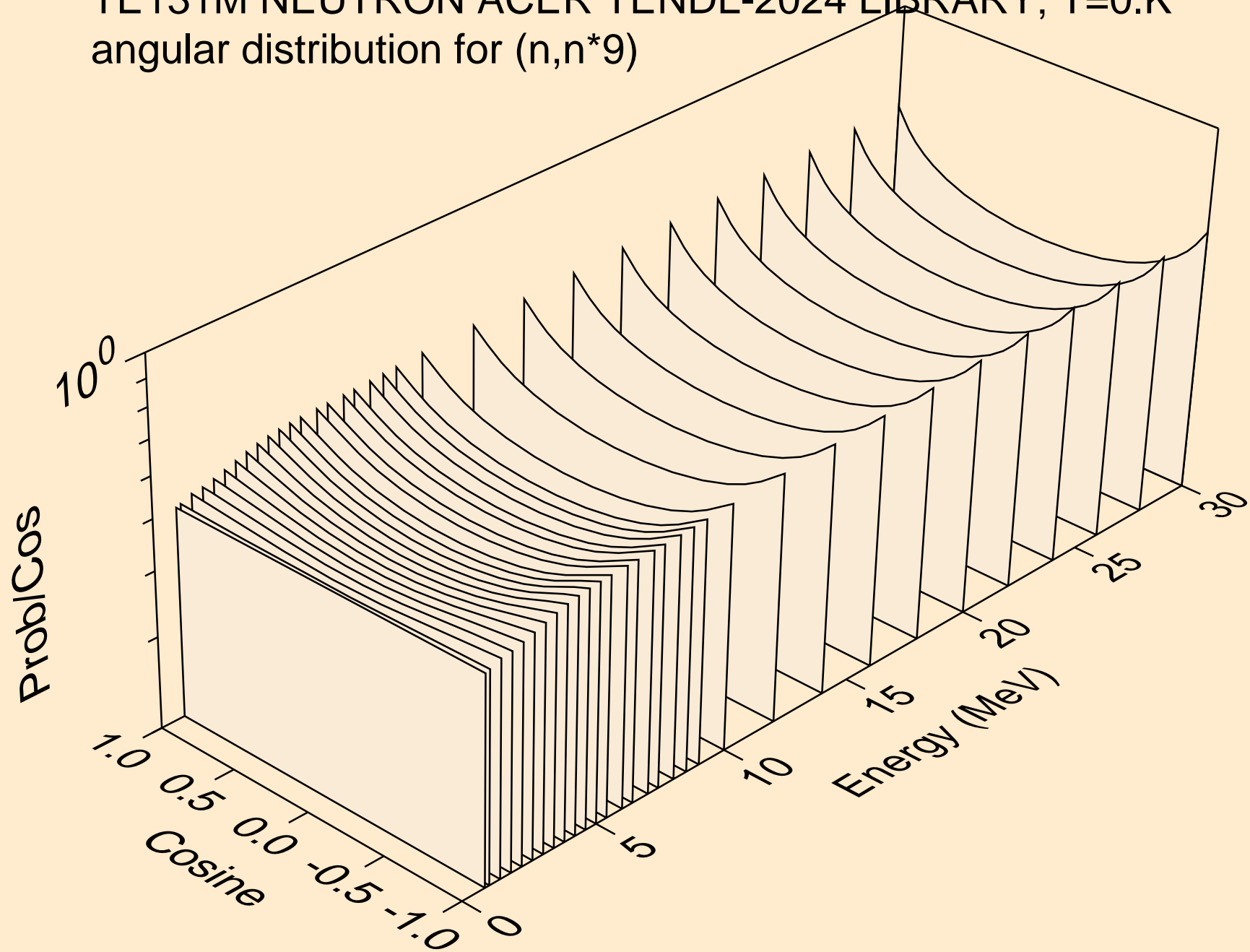
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angular distribution for (n,n\*7)



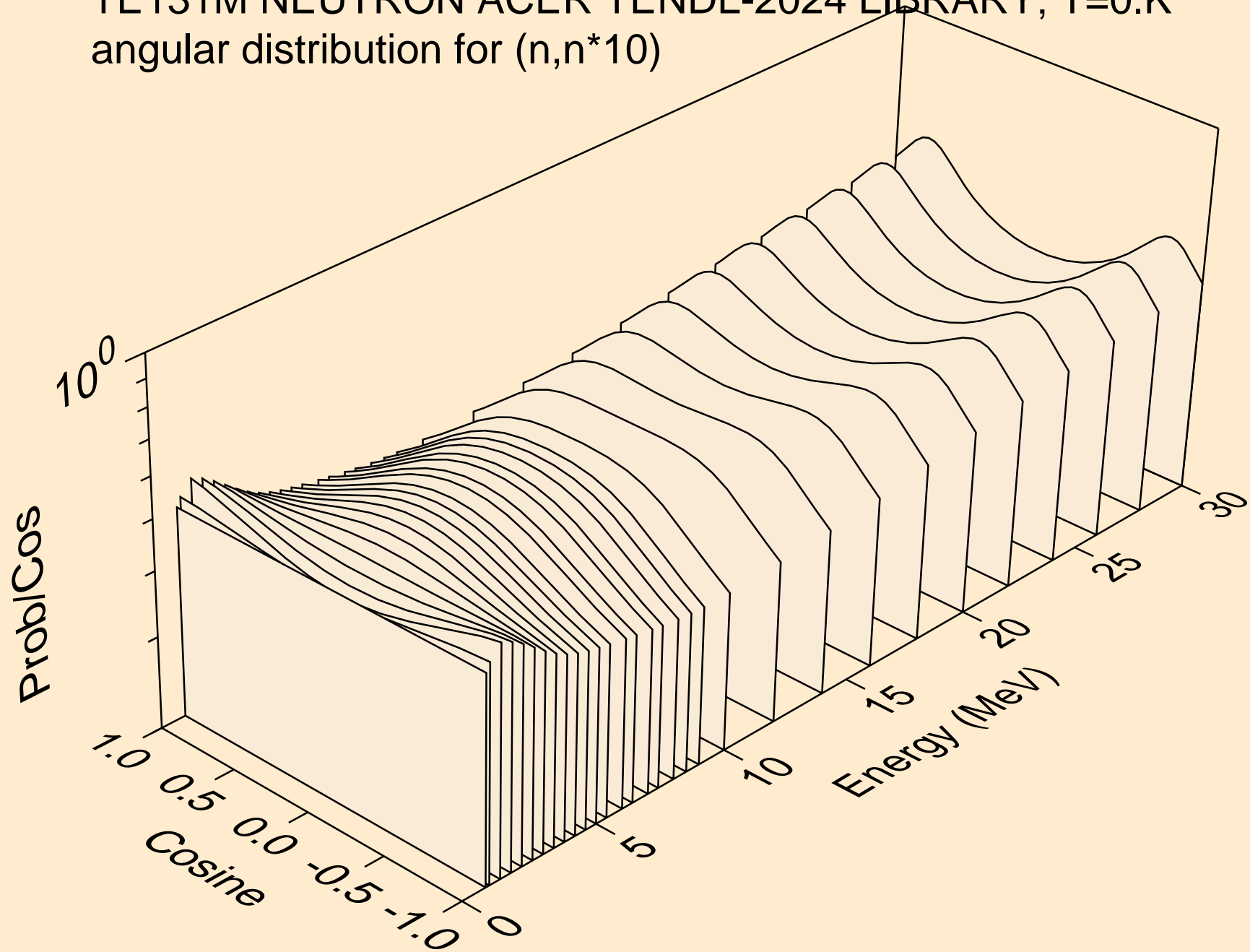
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angular distribution for (n,n\*8)



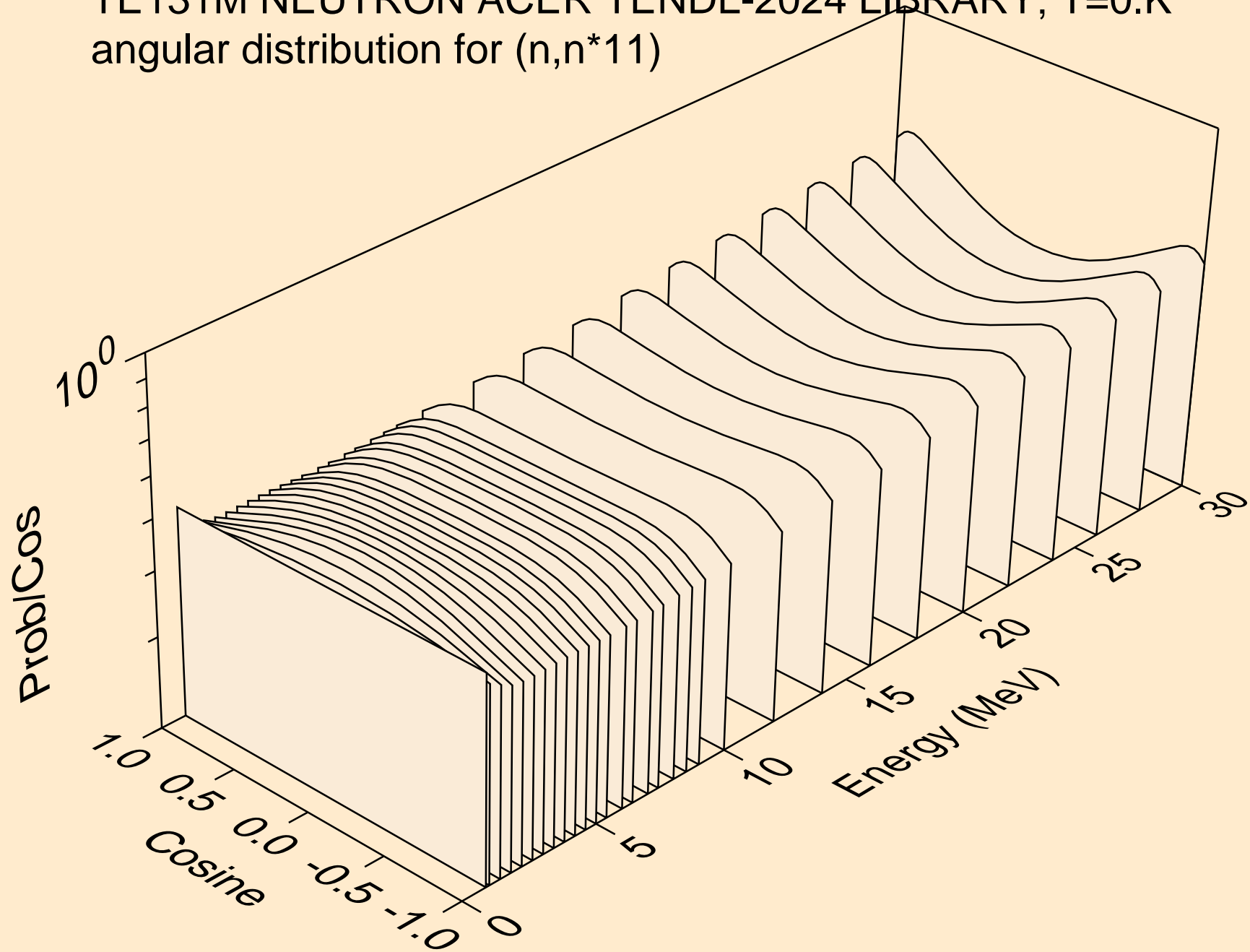
TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)

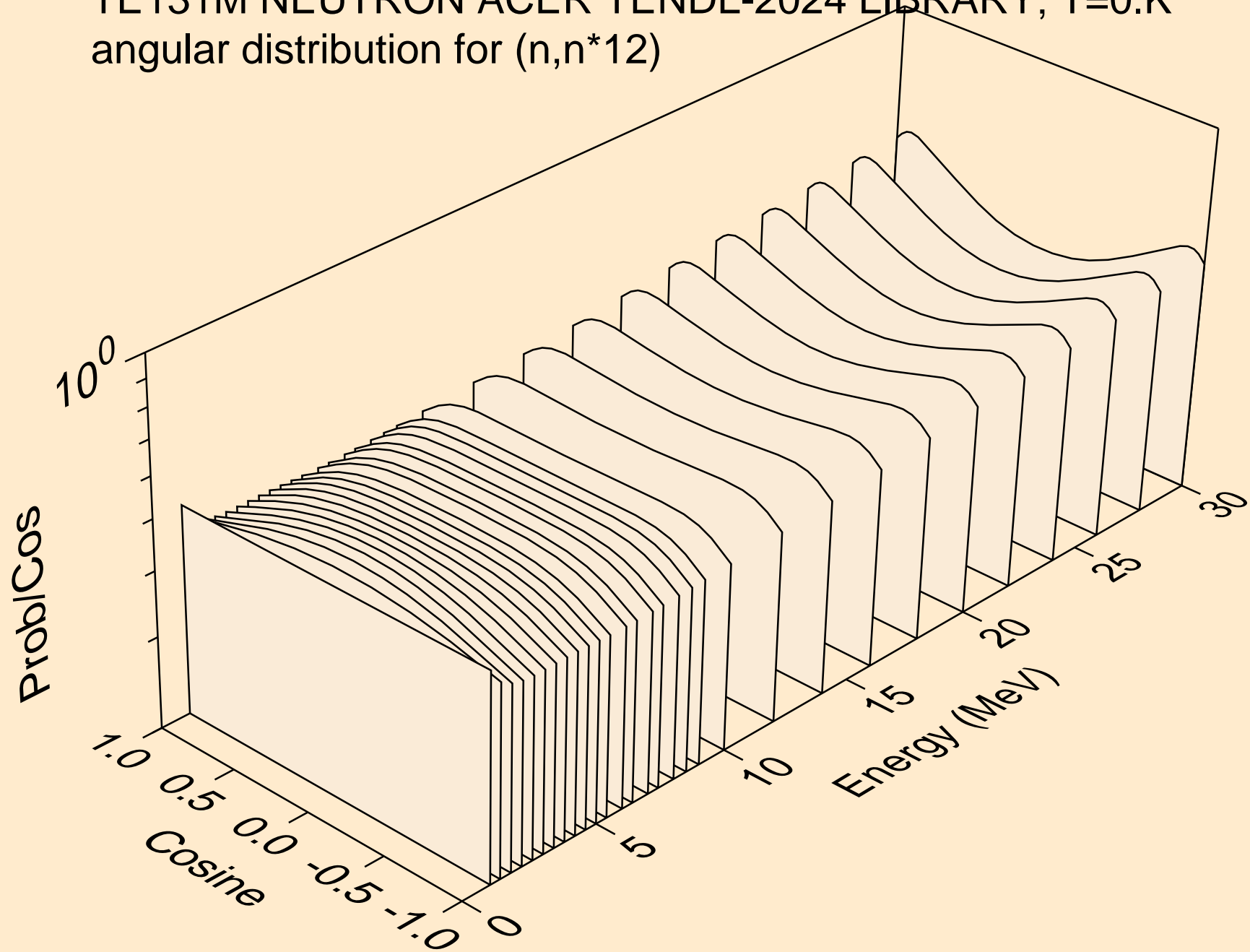


TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)

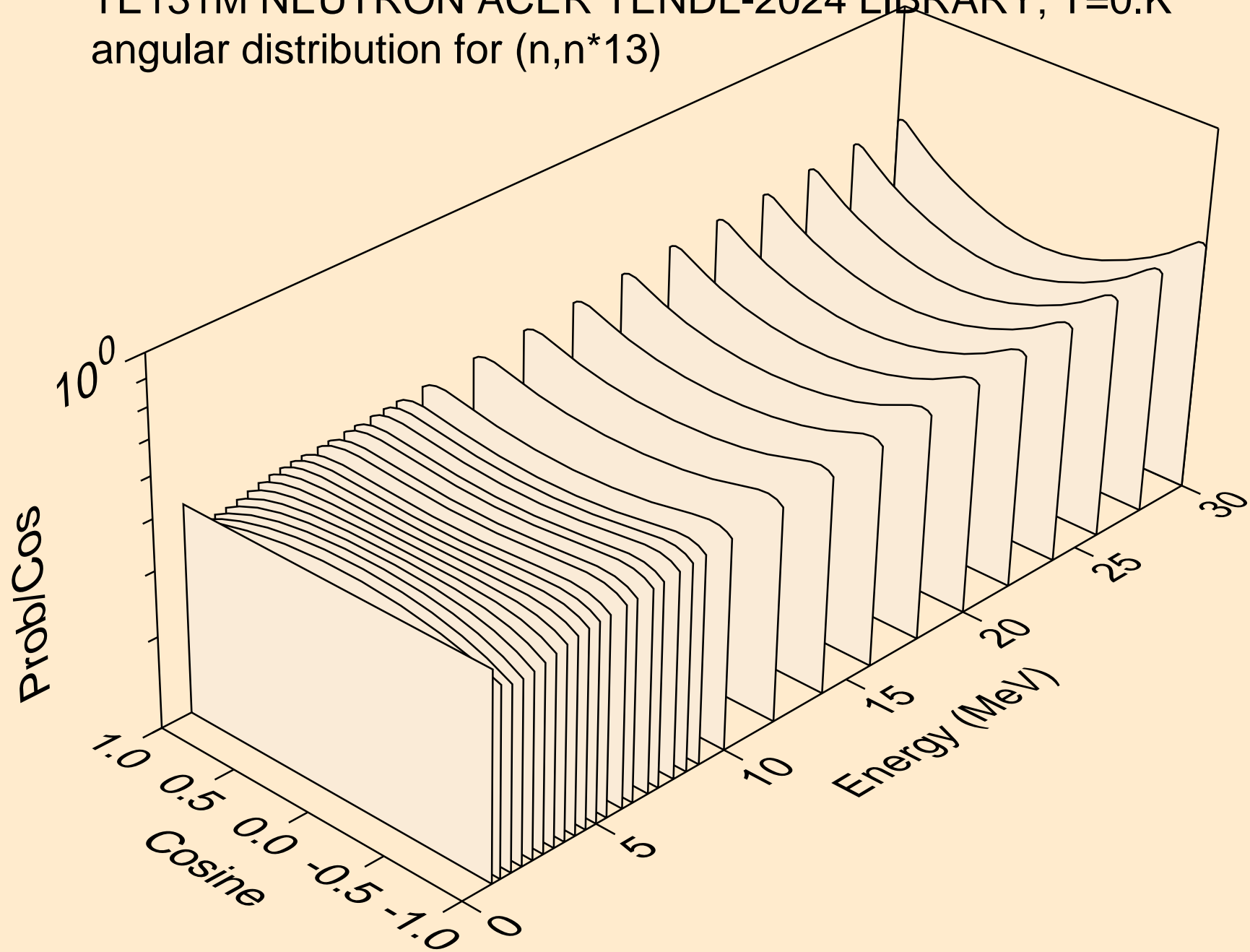




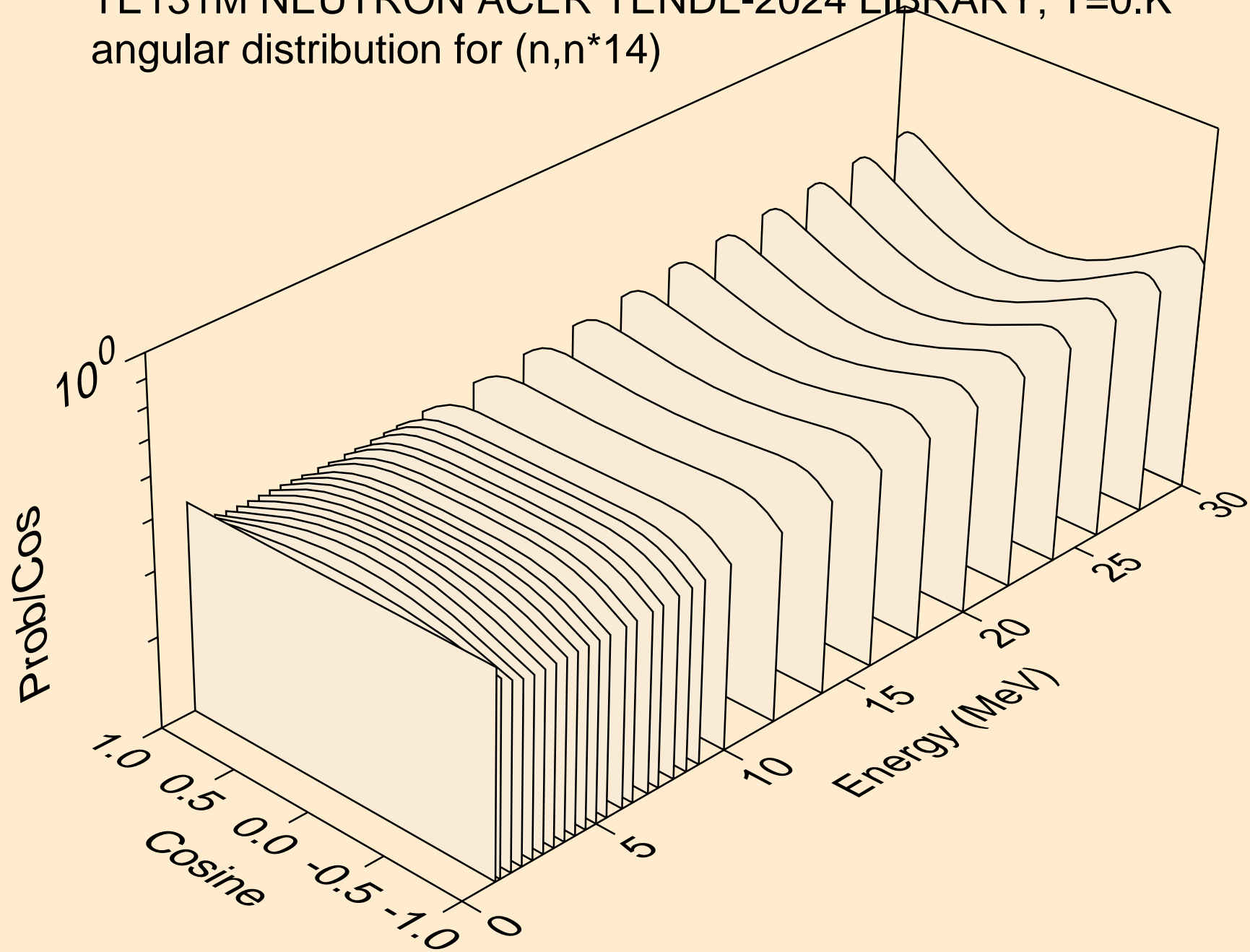
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angular distribution for (n,n\*12)



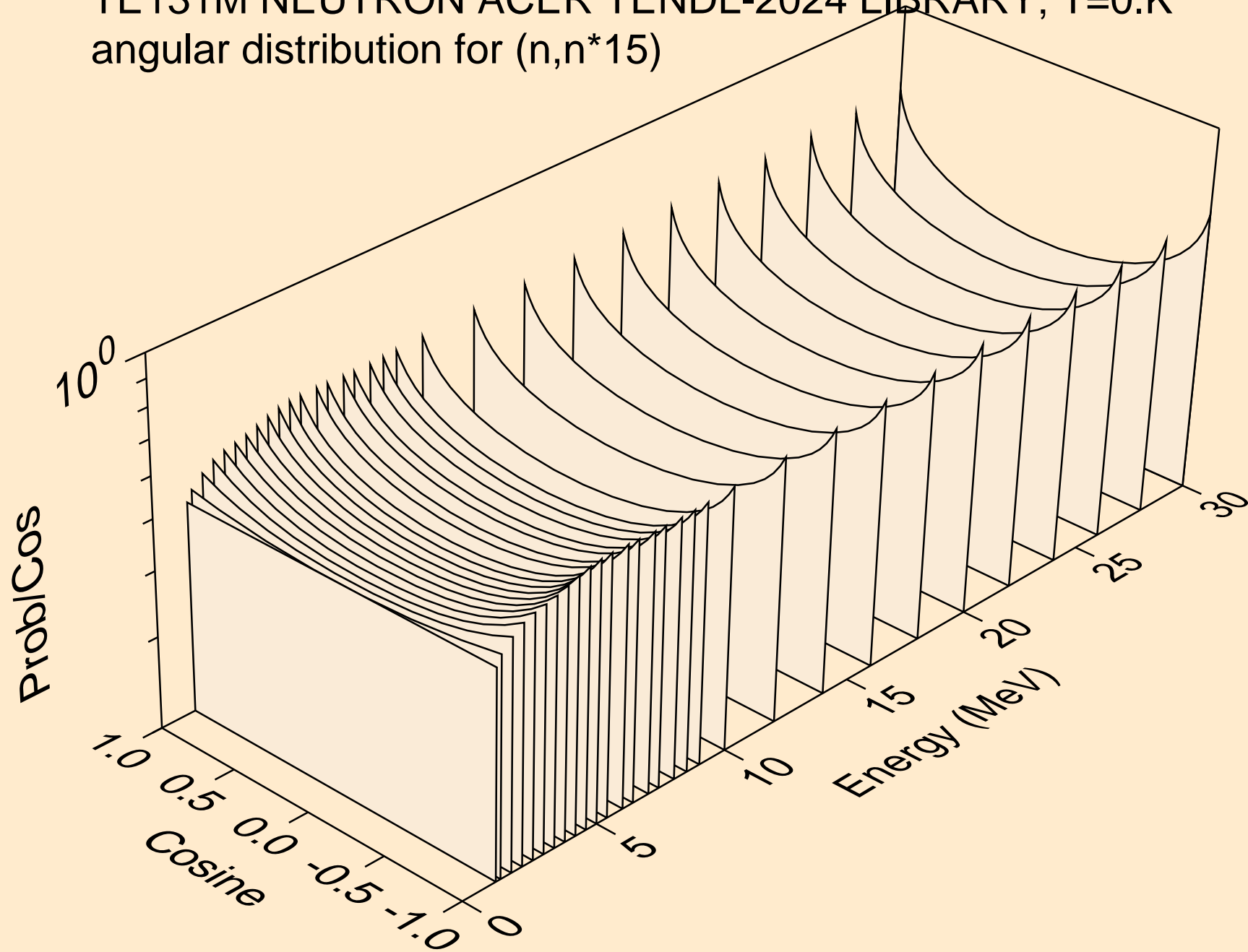
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angular distribution for (n,n\*13)



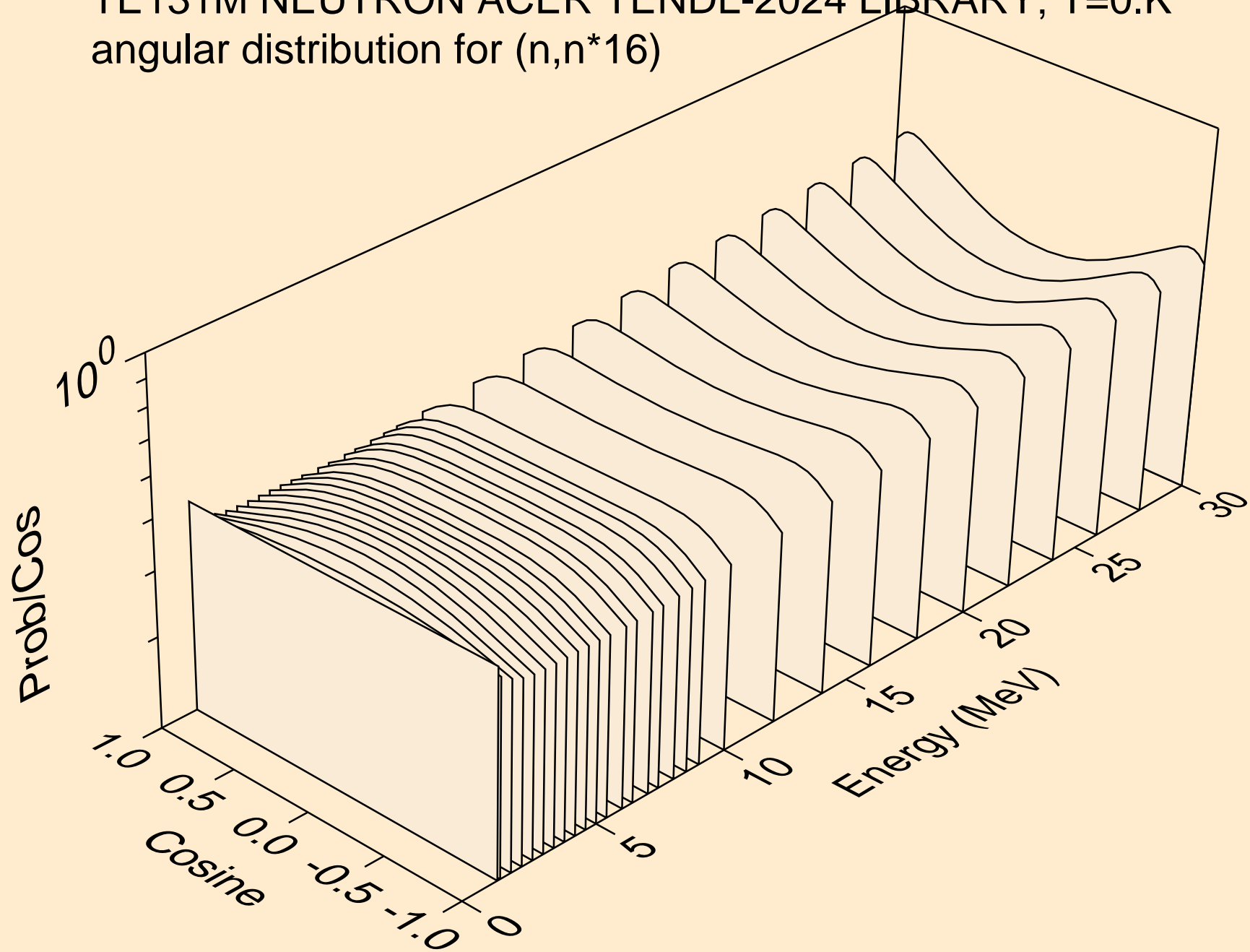
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angular distribution for (n,n\*14)



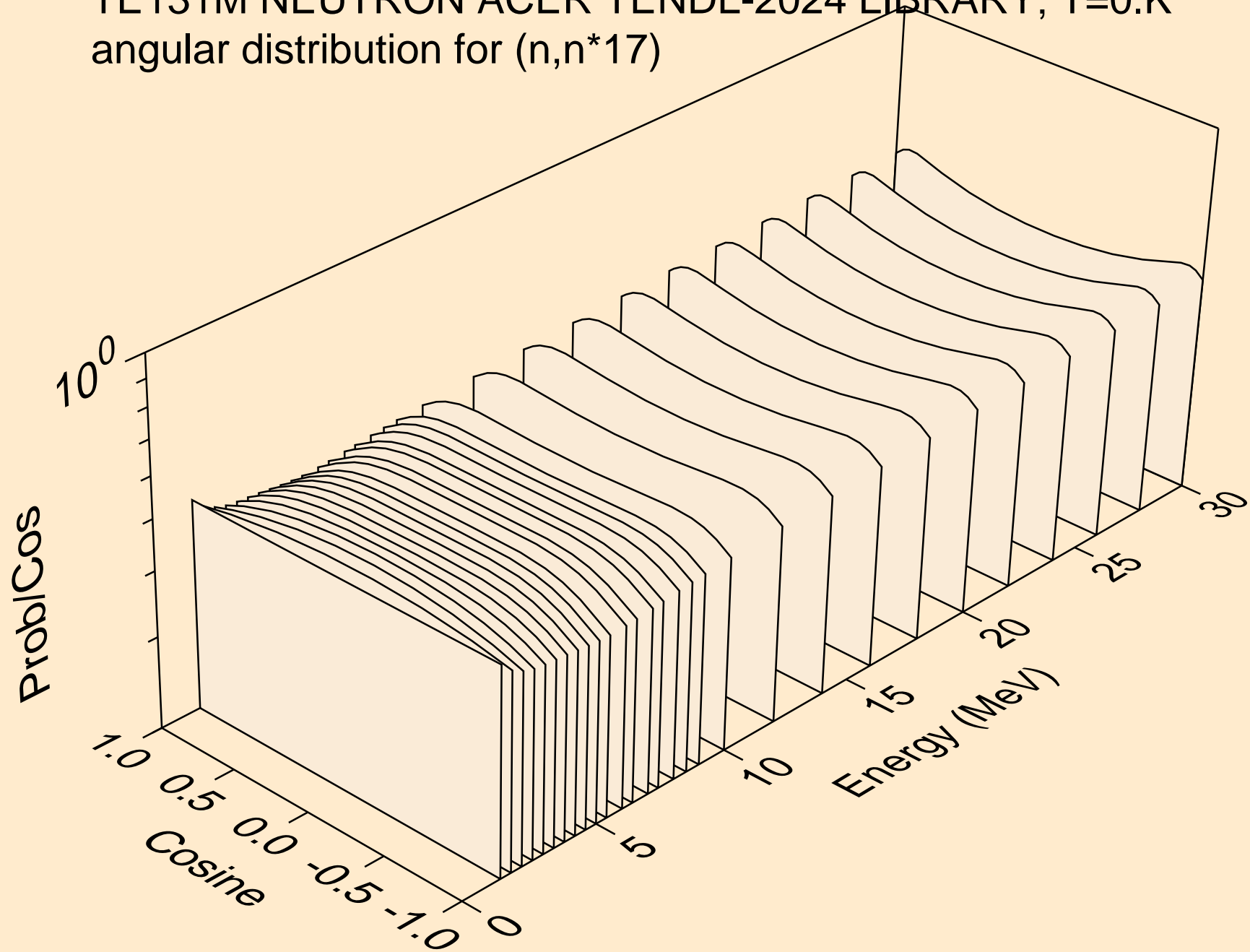
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angular distribution for (n,n\*15)



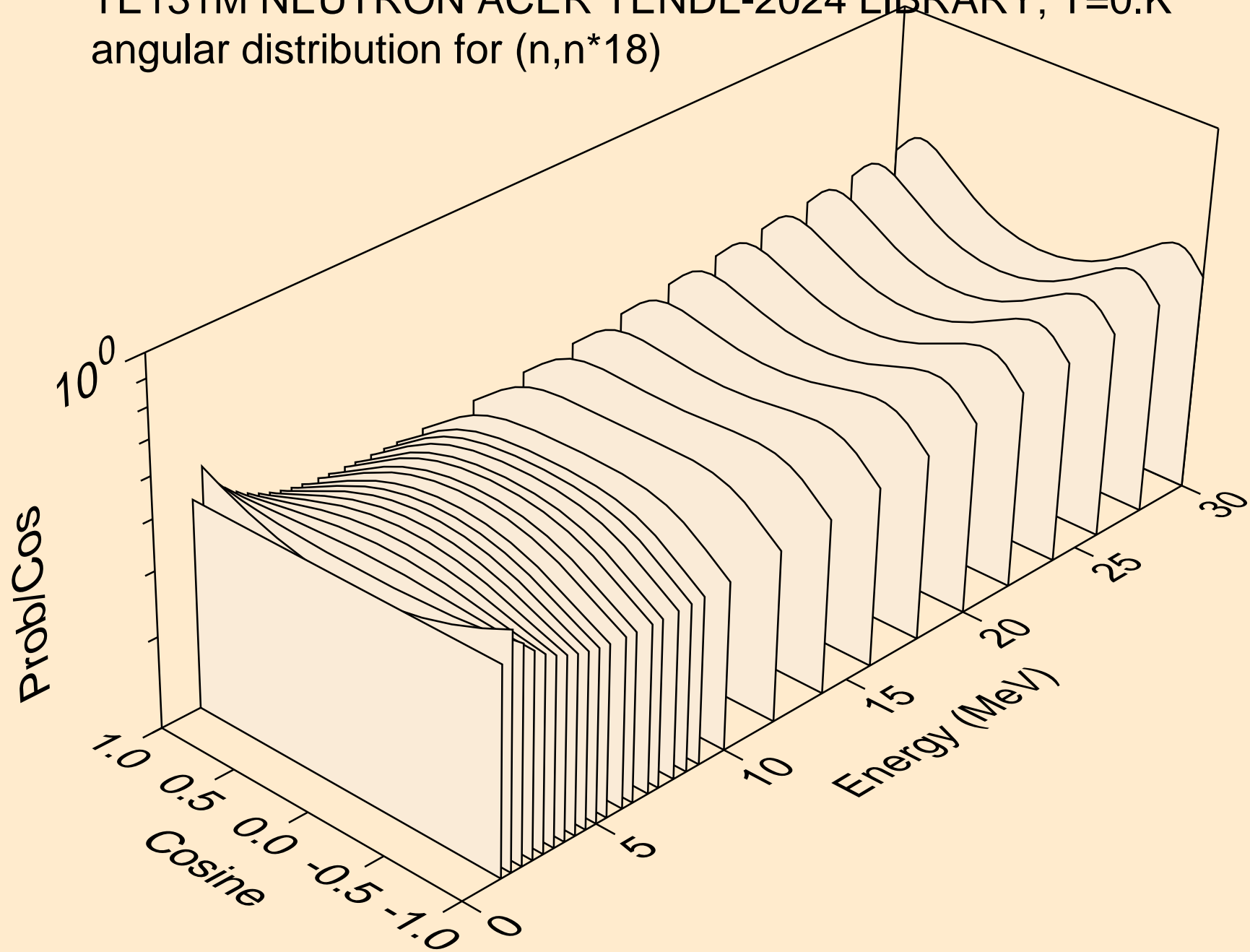
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angular distribution for (n,n\*16)



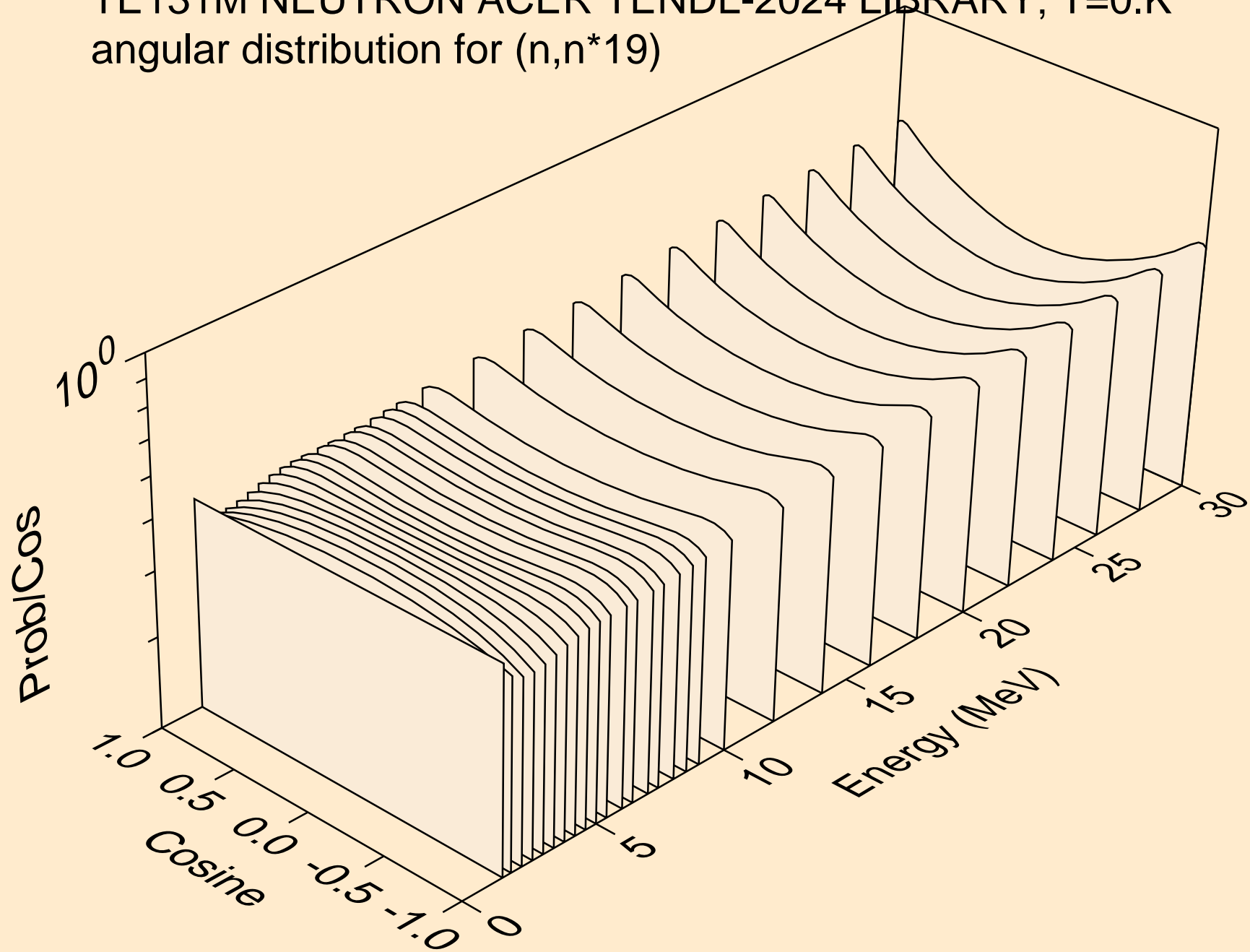
TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)

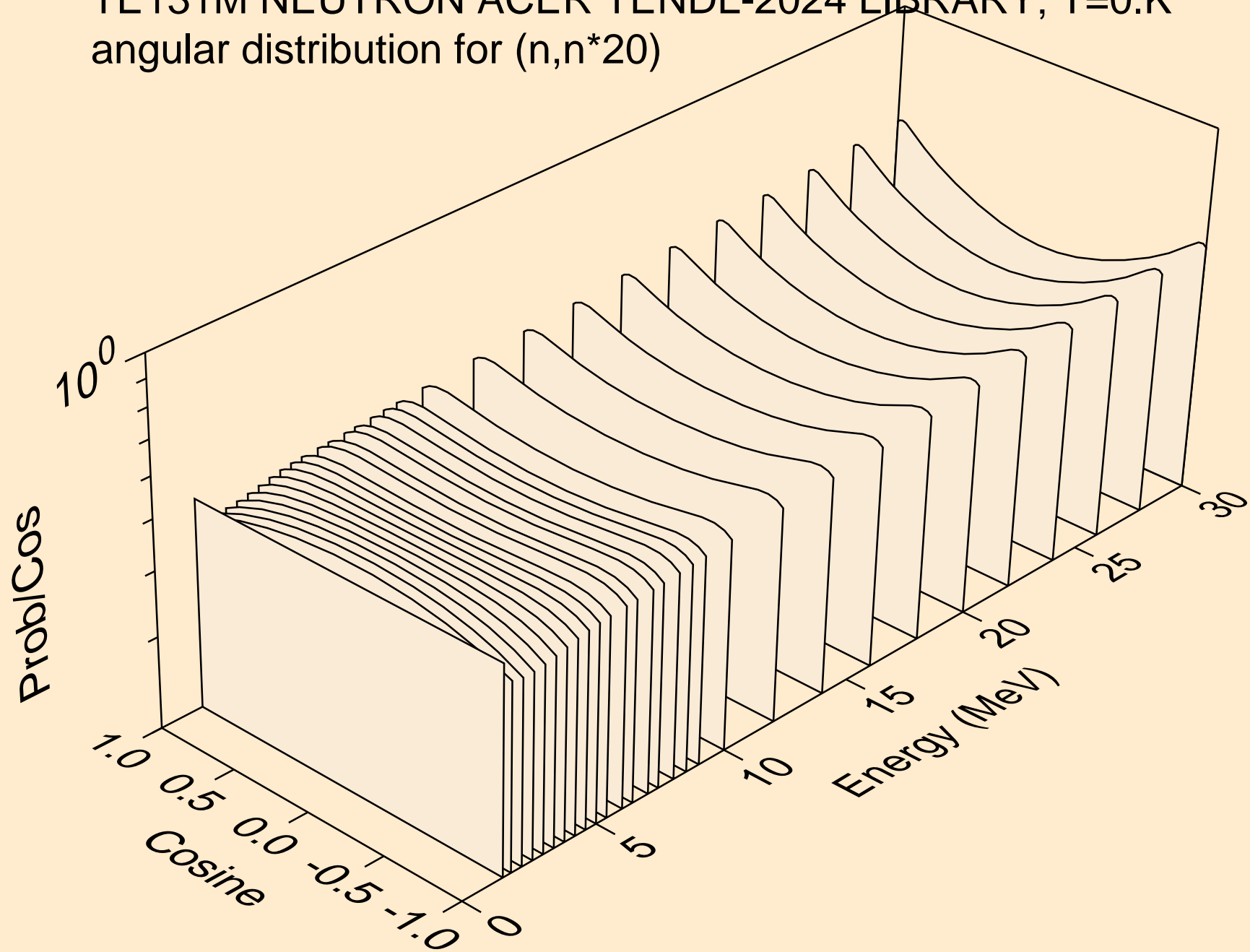


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angular distribution for (n,n\*19)

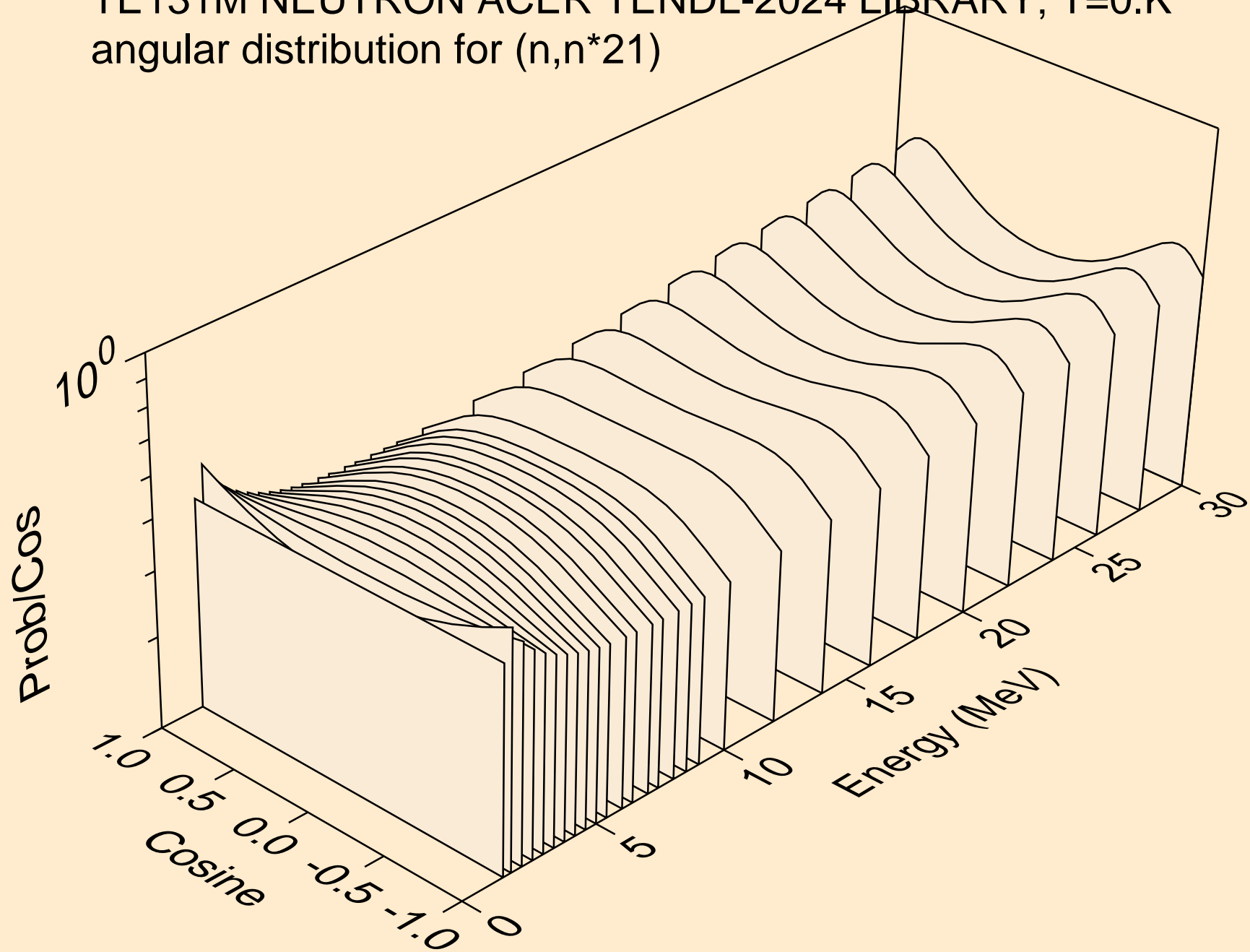




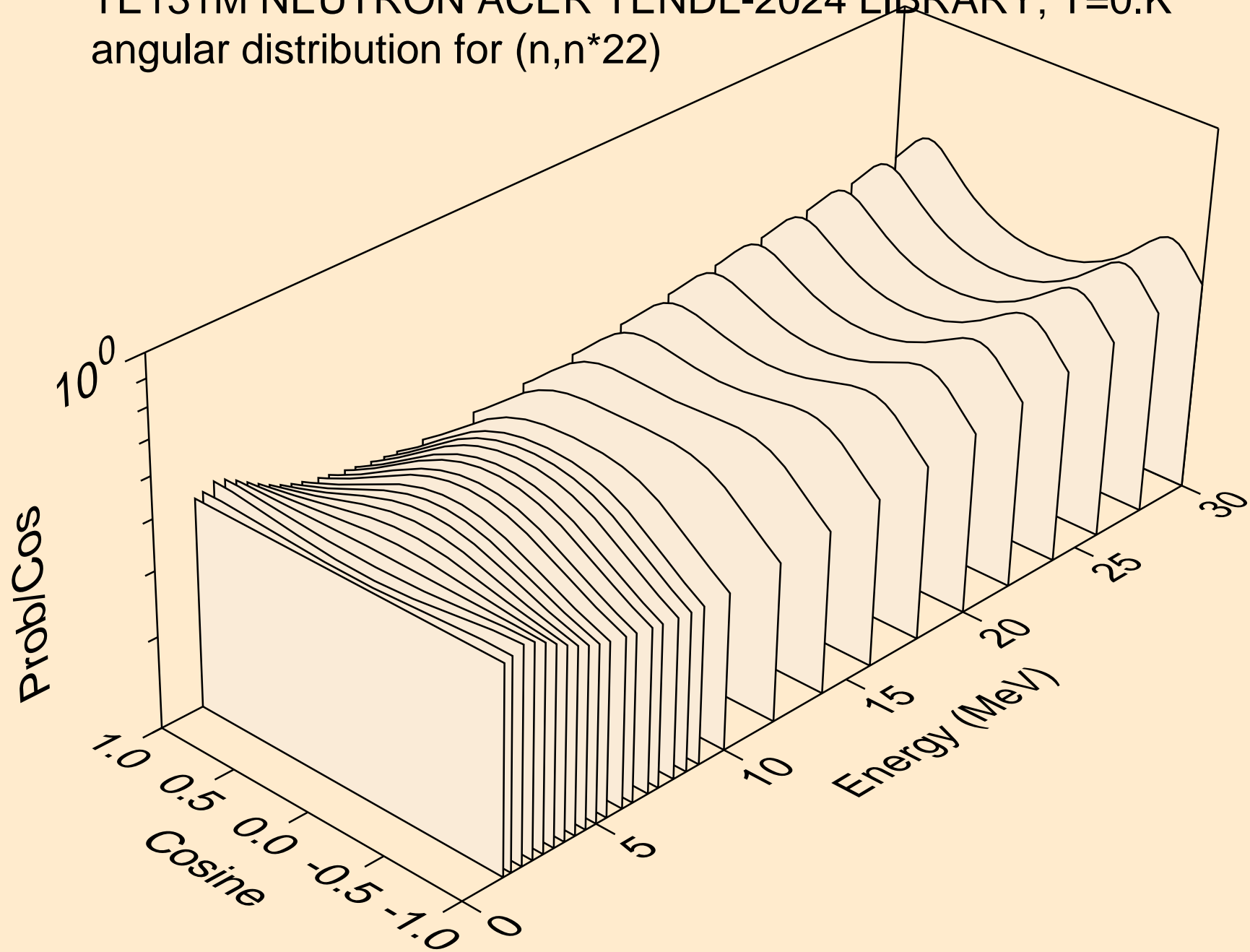
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angular distribution for (n,n\*20)



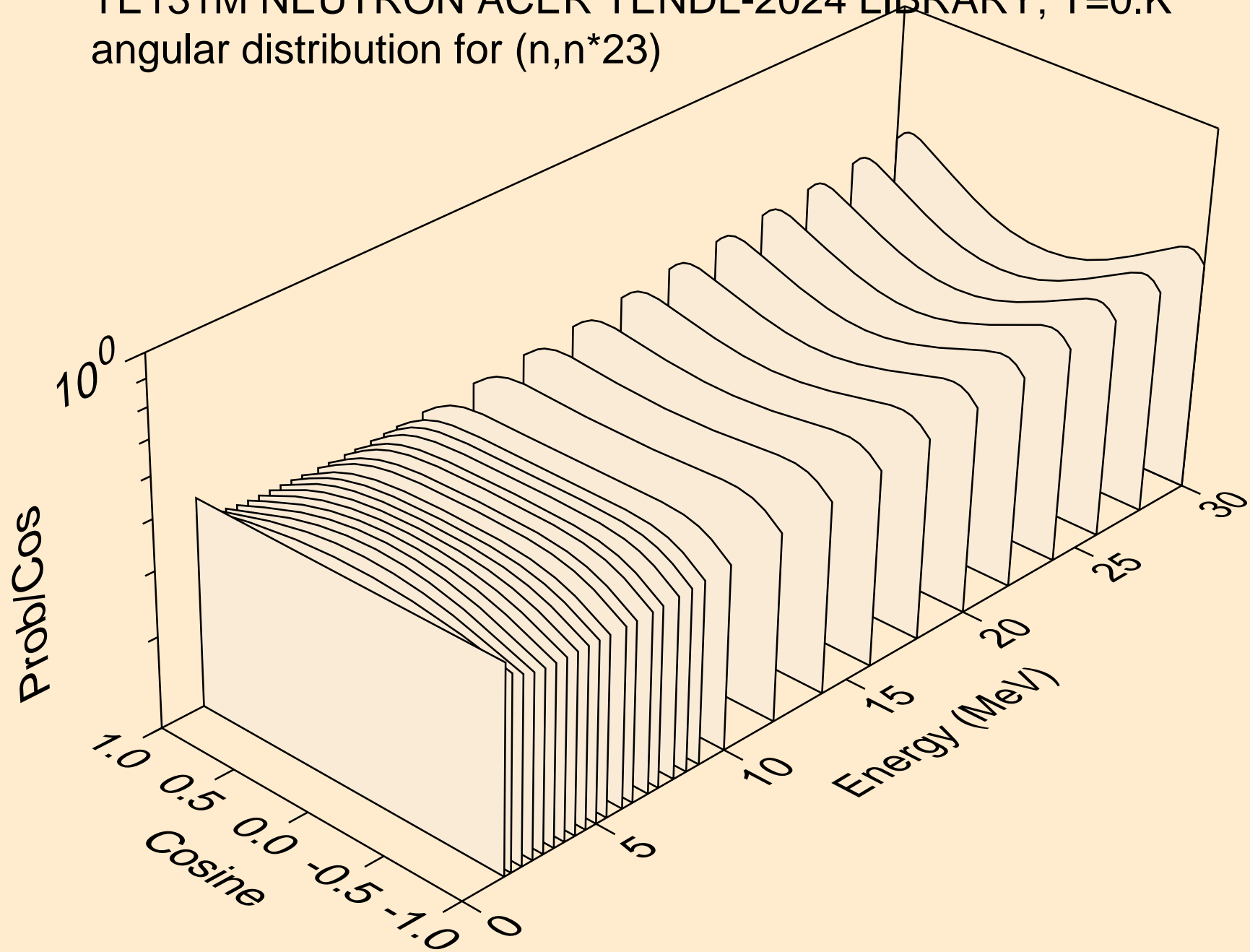
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angular distribution for (n,n\*21)



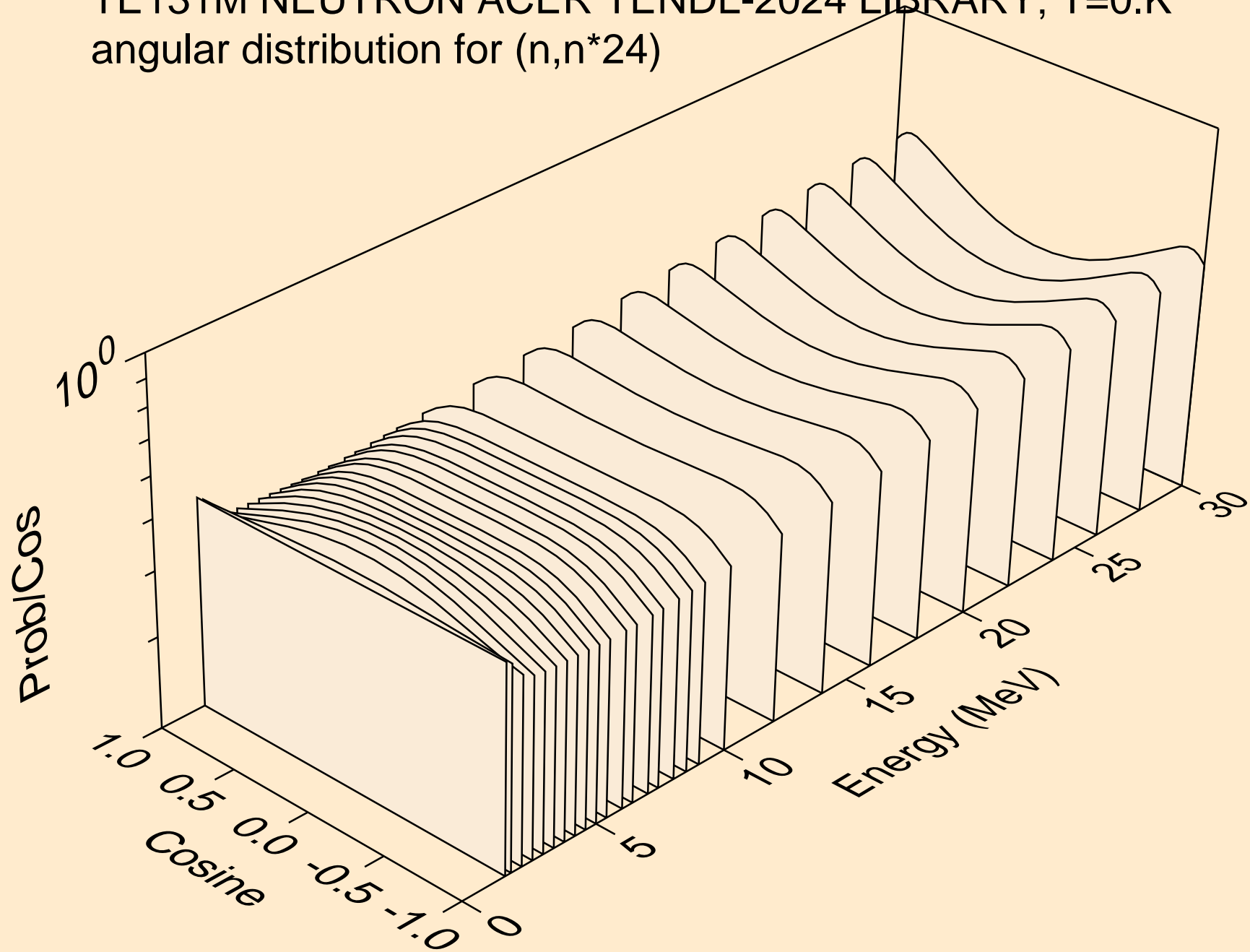
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angular distribution for (n,n\*22)



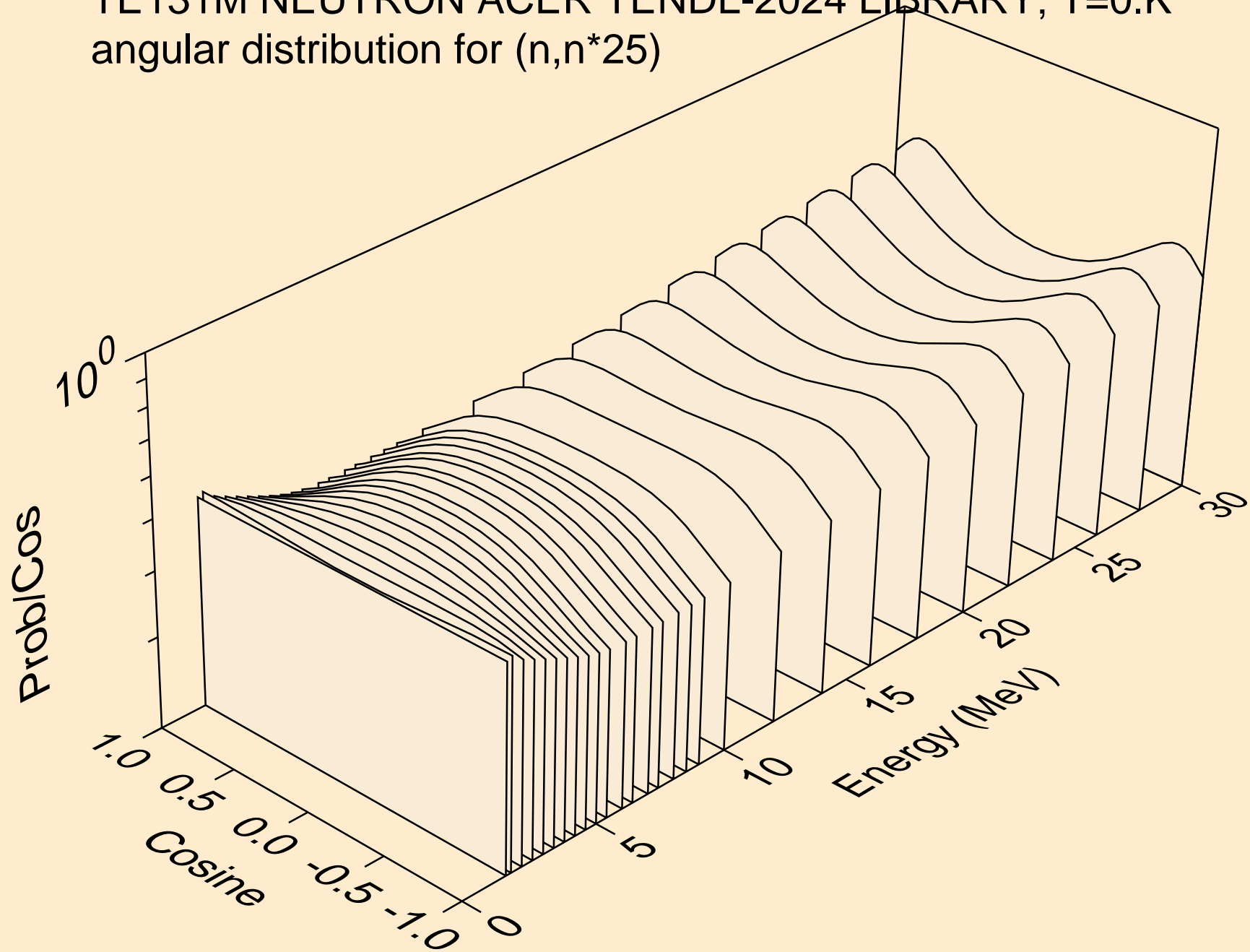
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angular distribution for (n,n\*23)



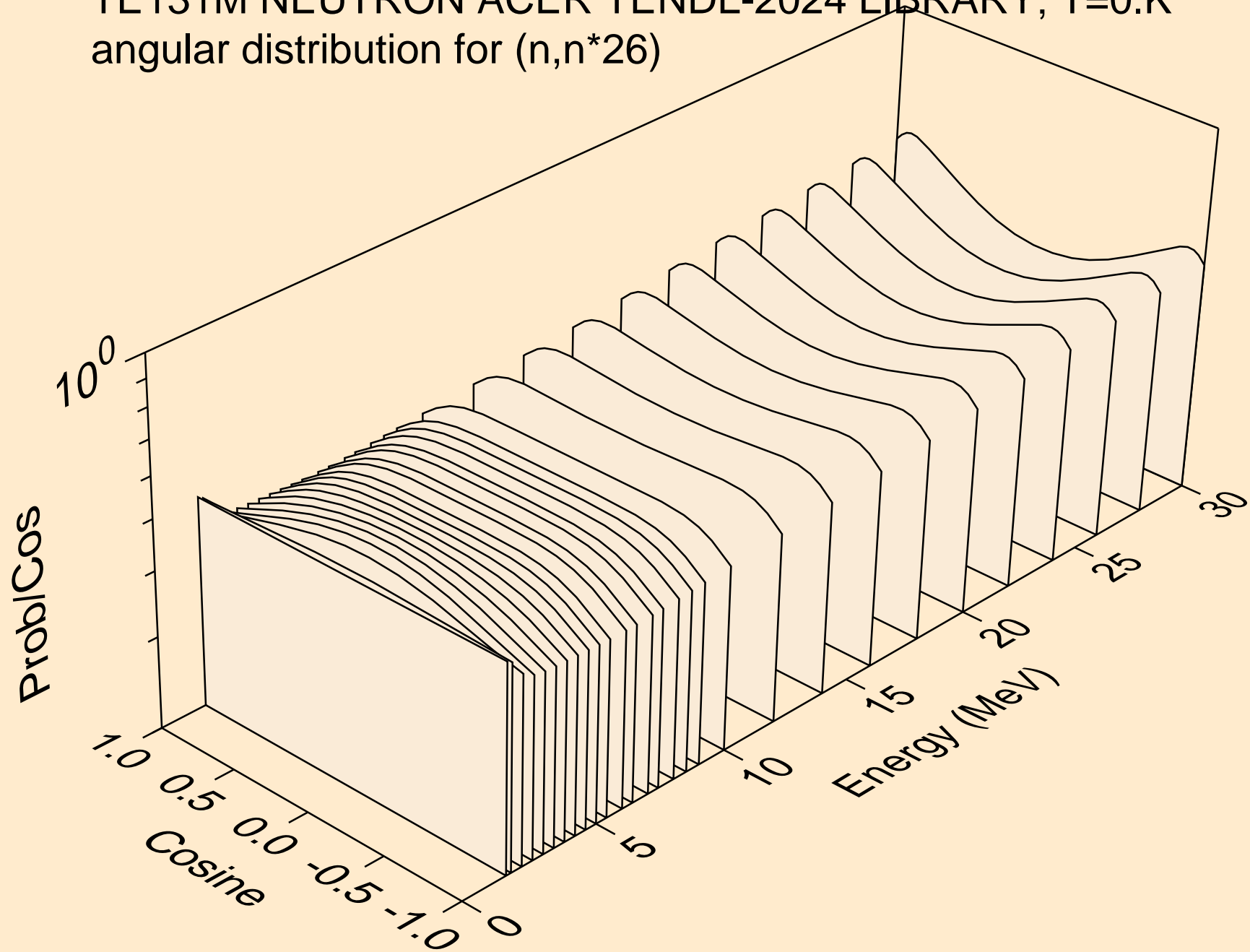
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angular distribution for (n,n\*24)



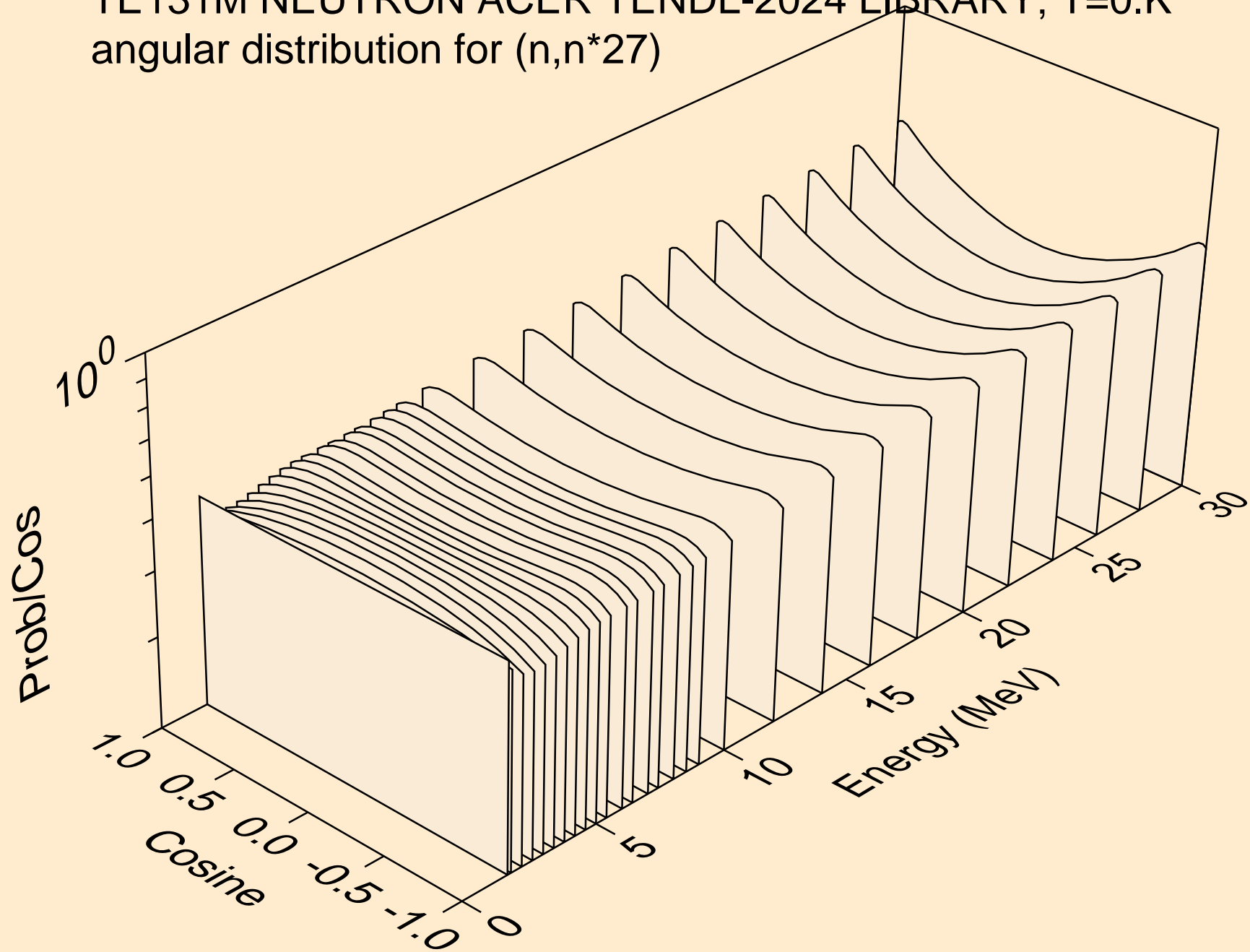
TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)

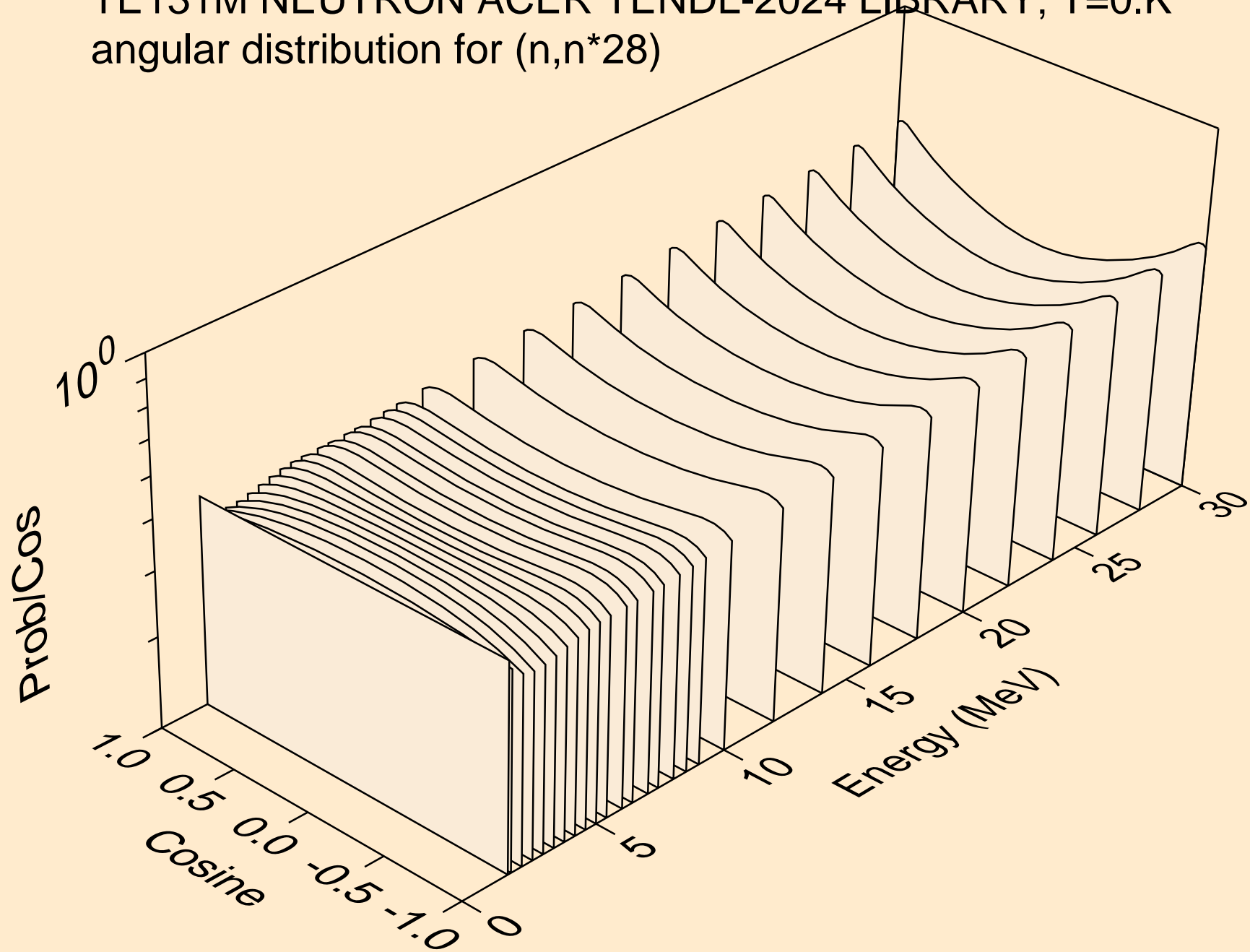


TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)

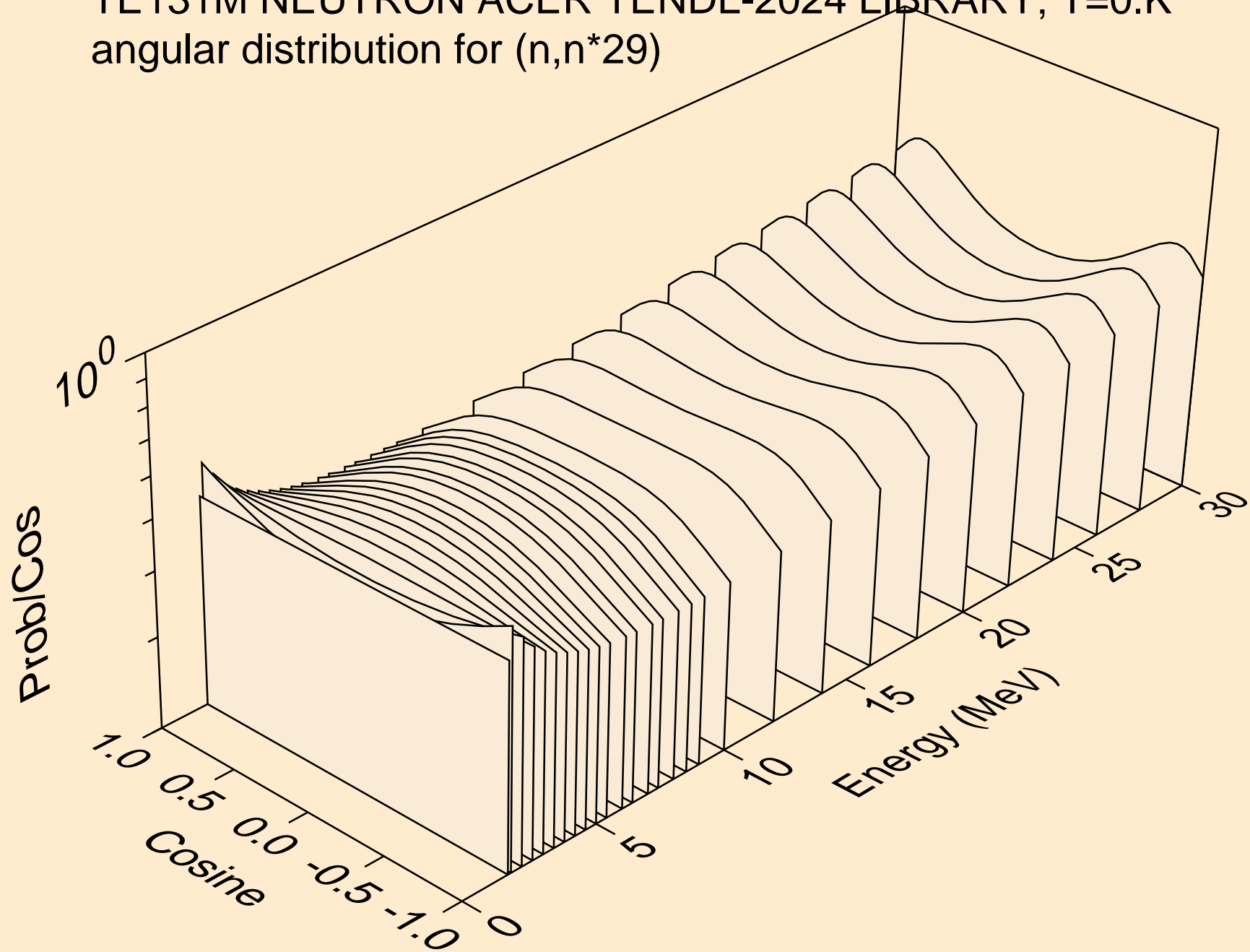




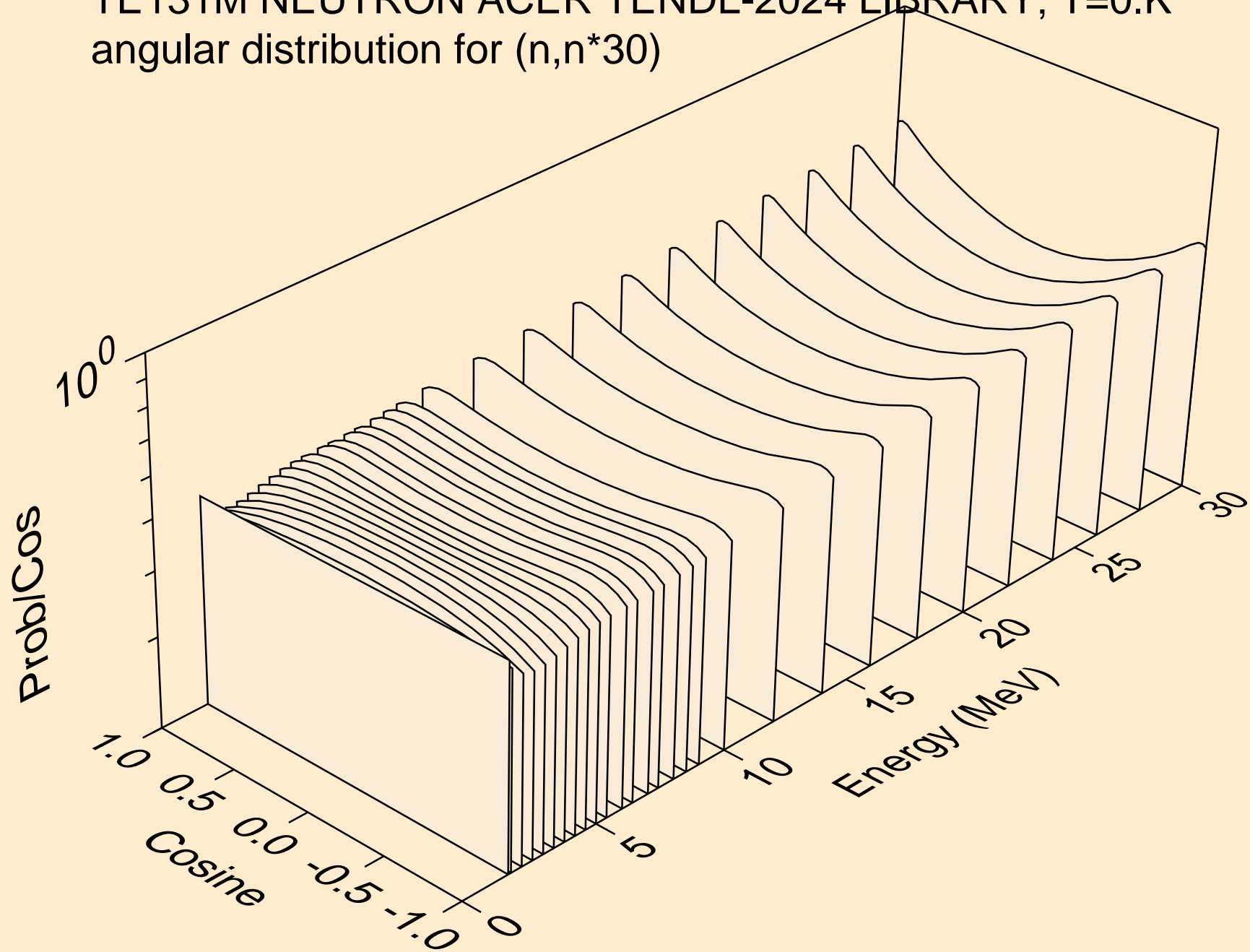
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angular distribution for (n,n\*28)



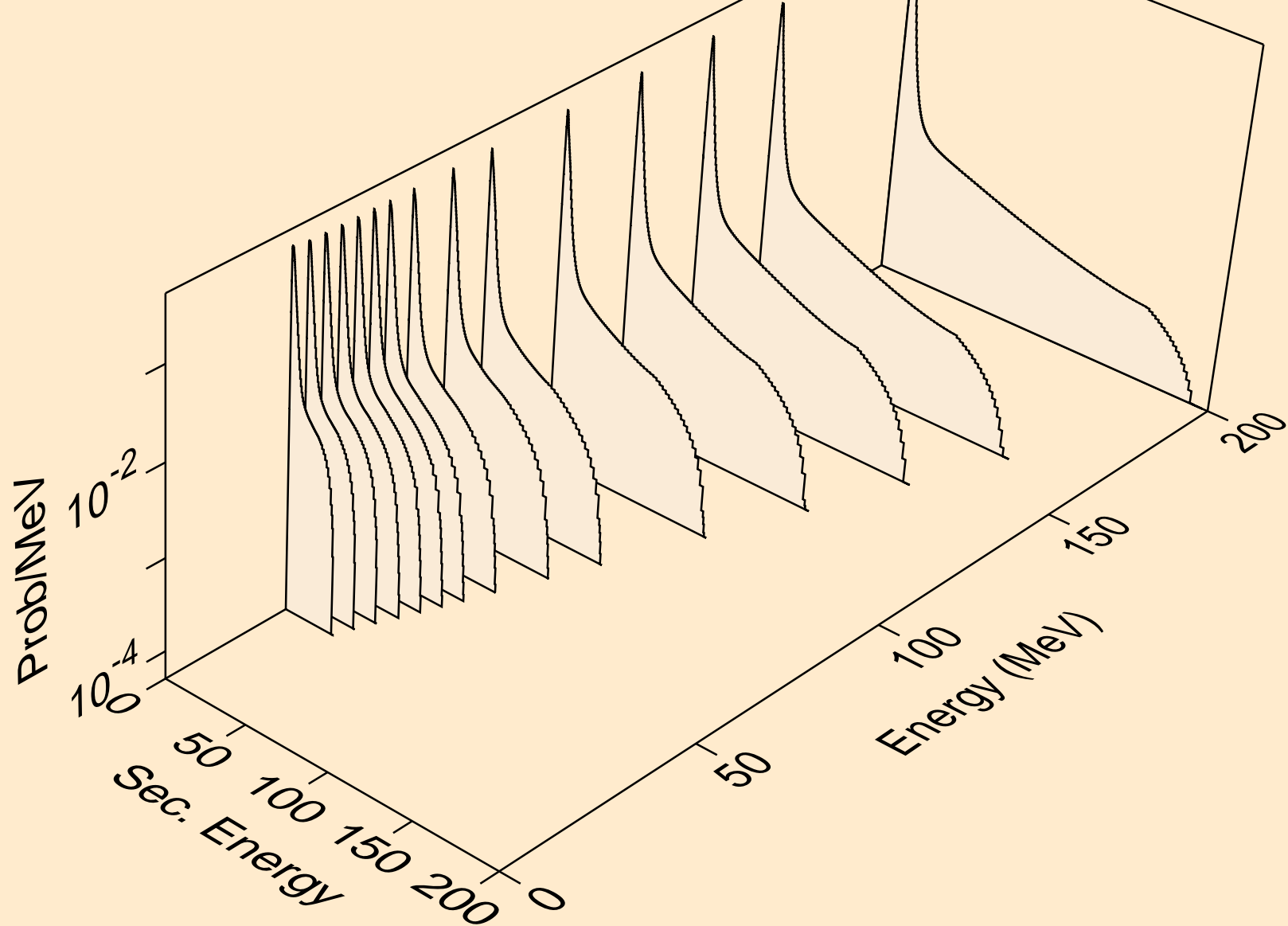
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angular distribution for (n,n\*29)



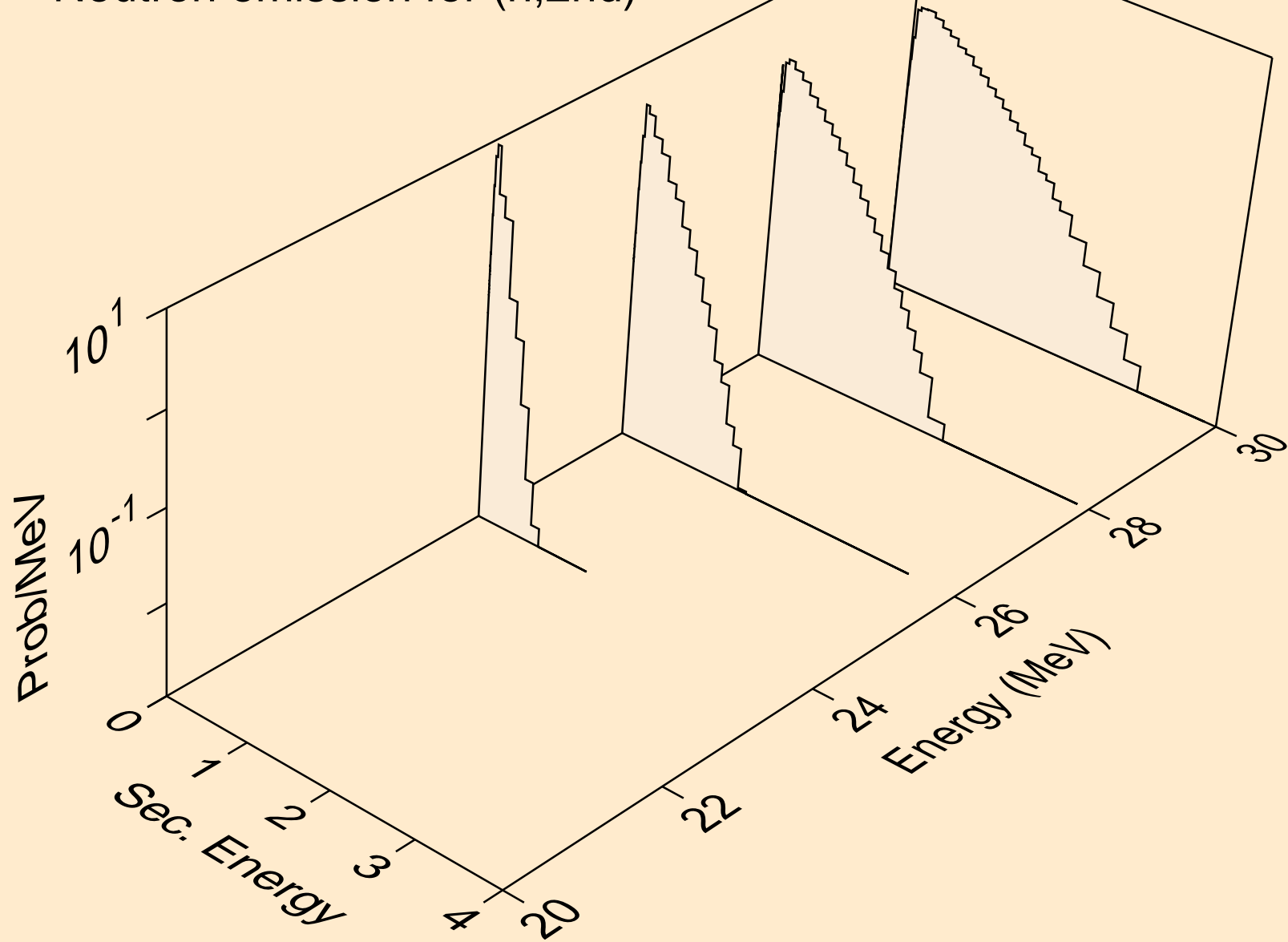
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angular distribution for (n,n\*30)



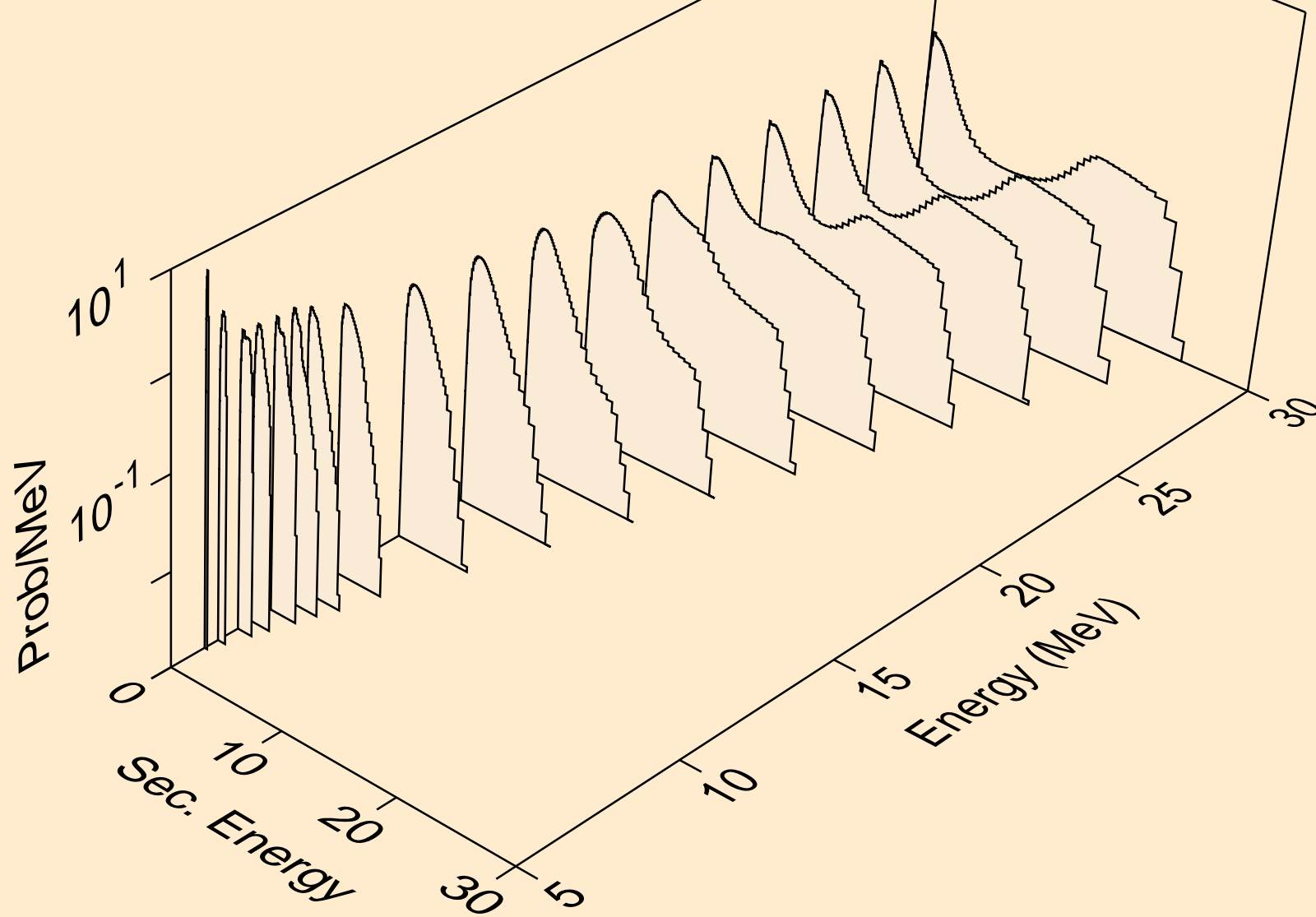
TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



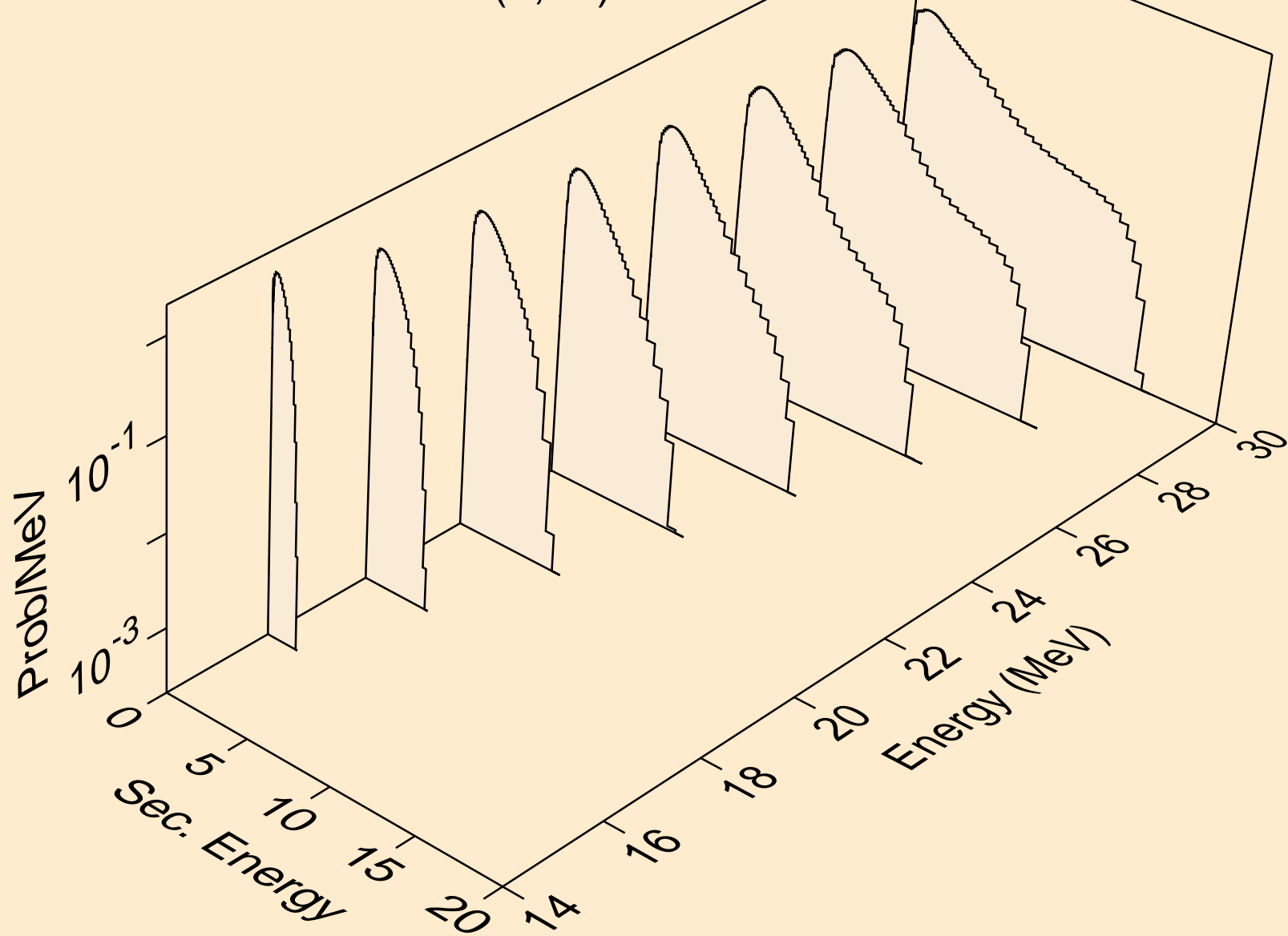
TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



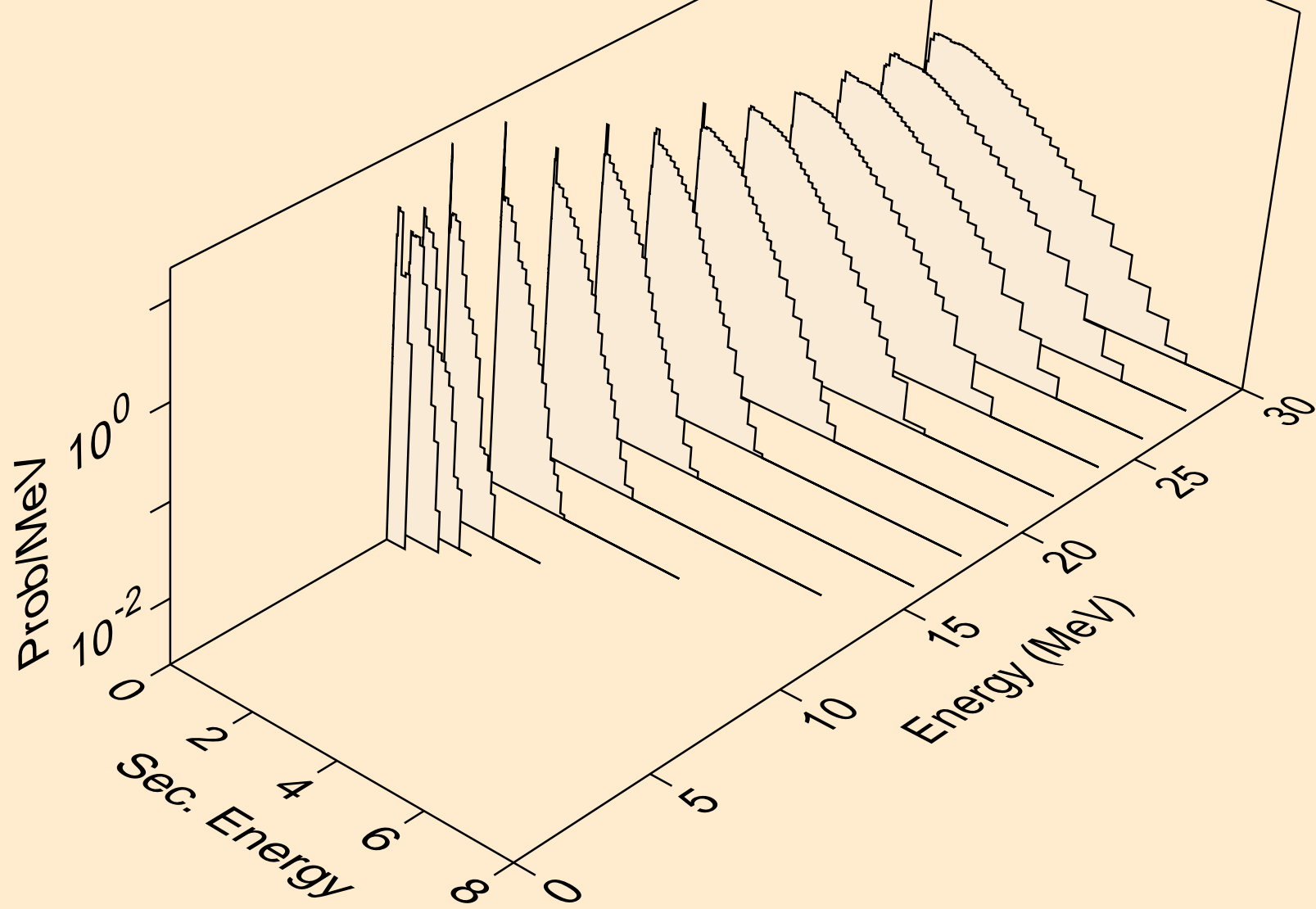
TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)

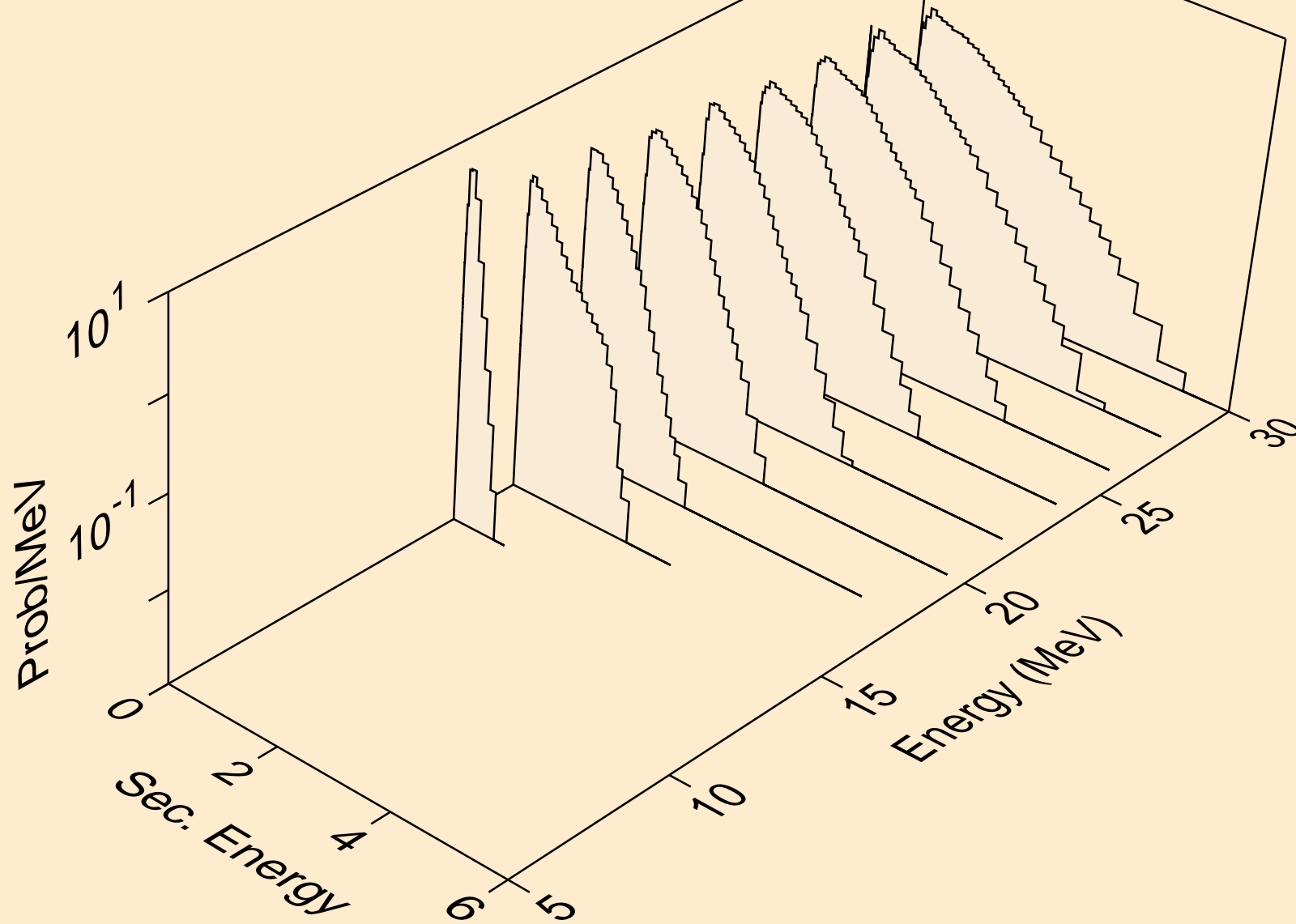


TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a

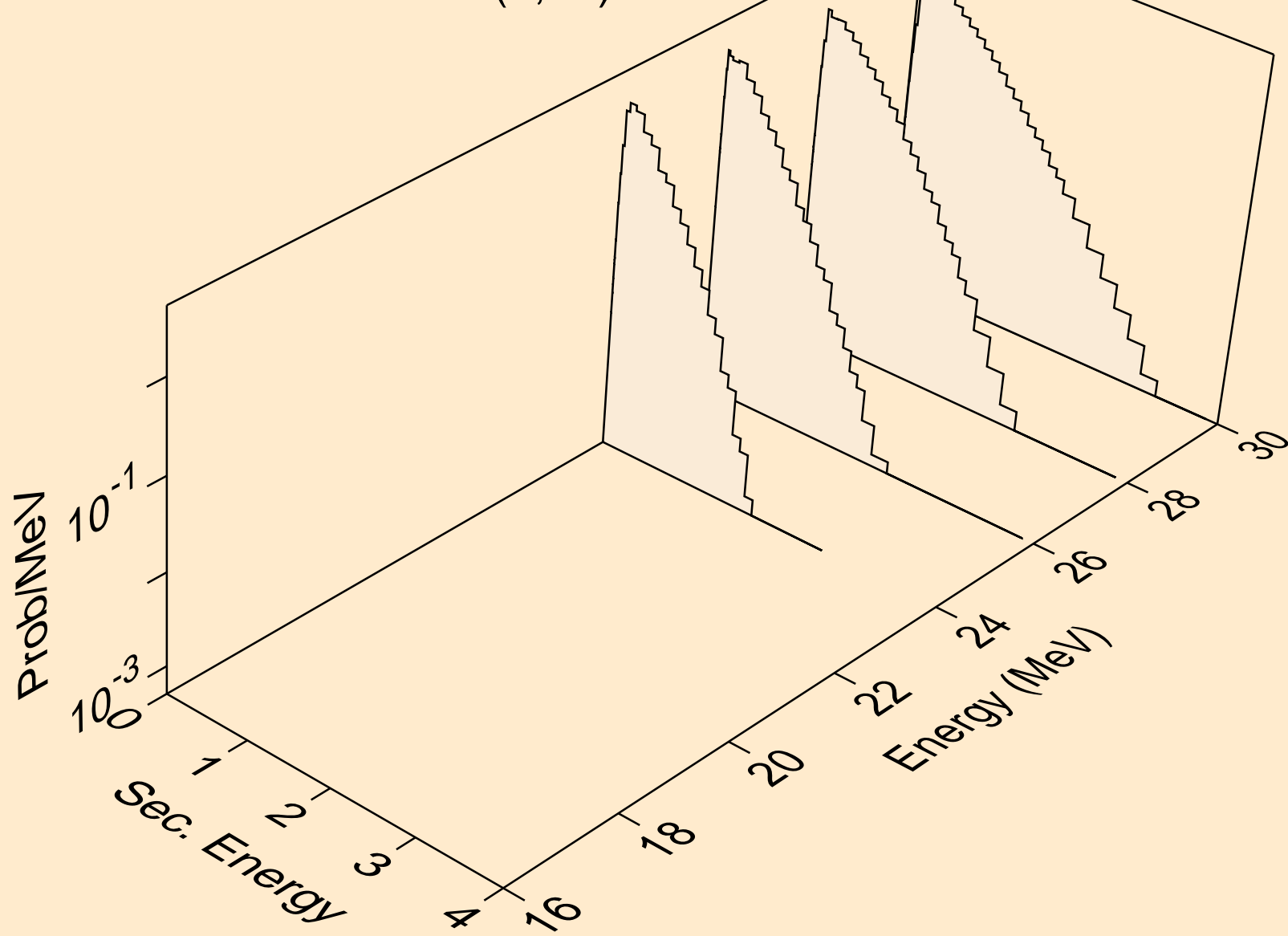




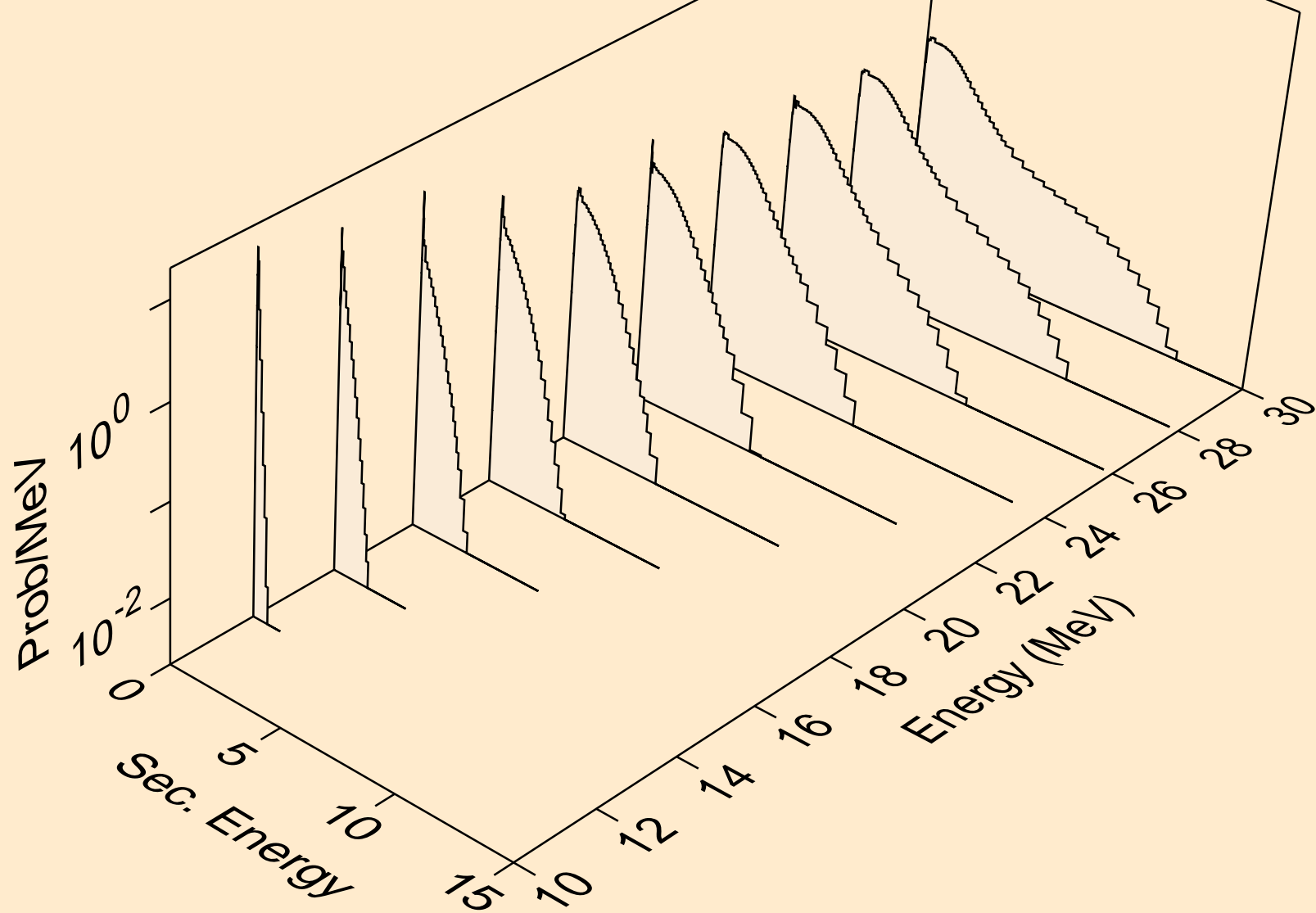
TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



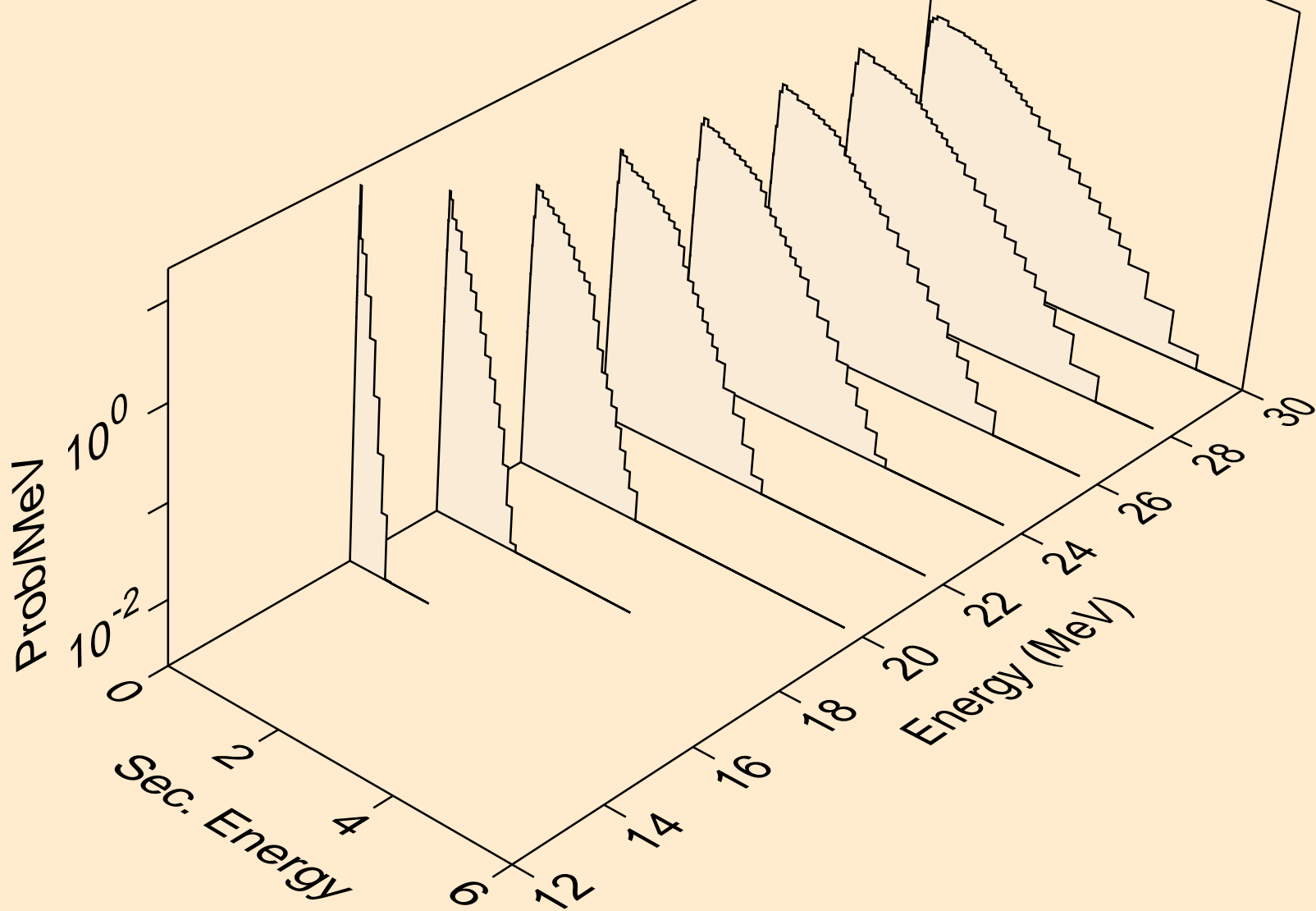
TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



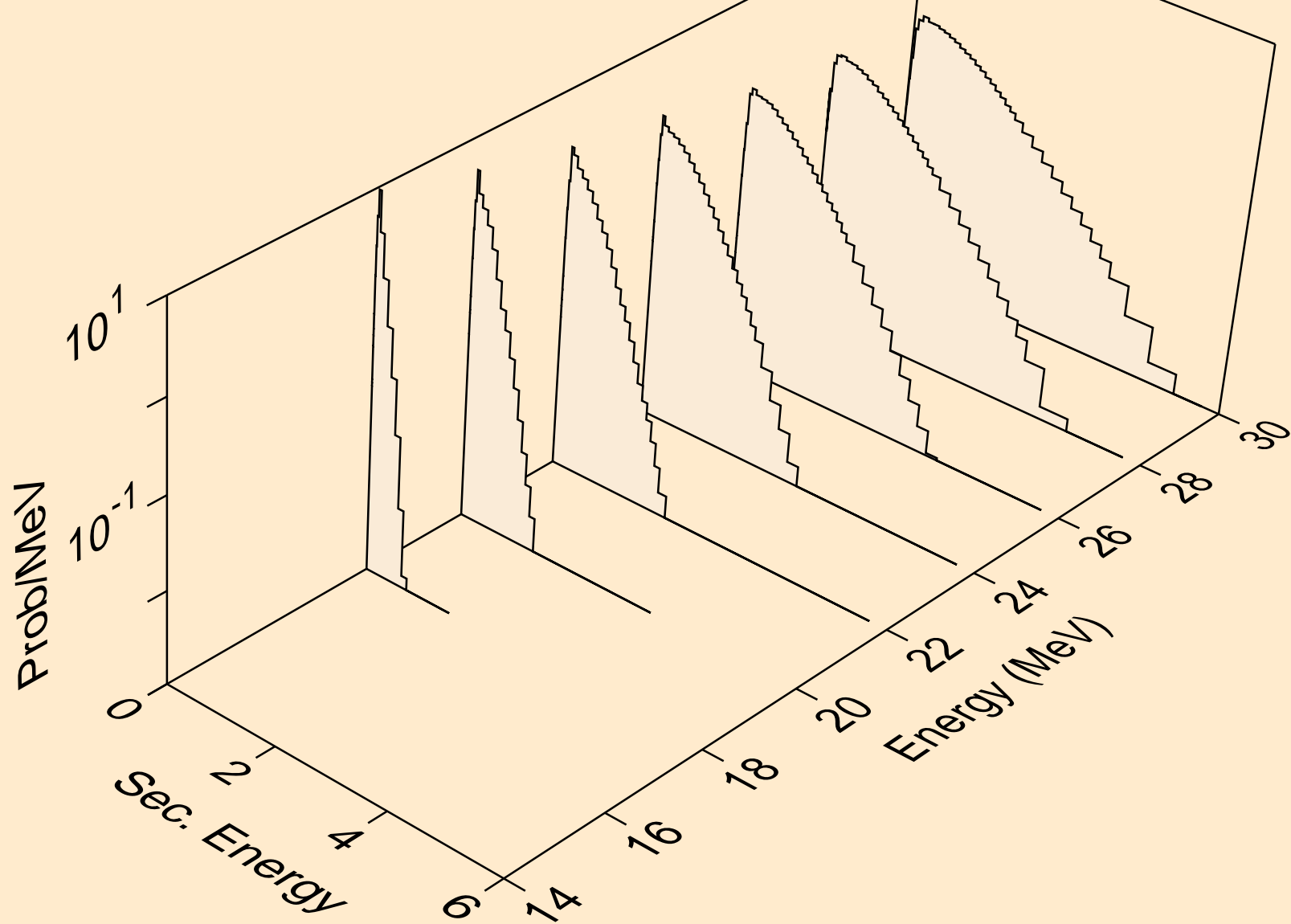
TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



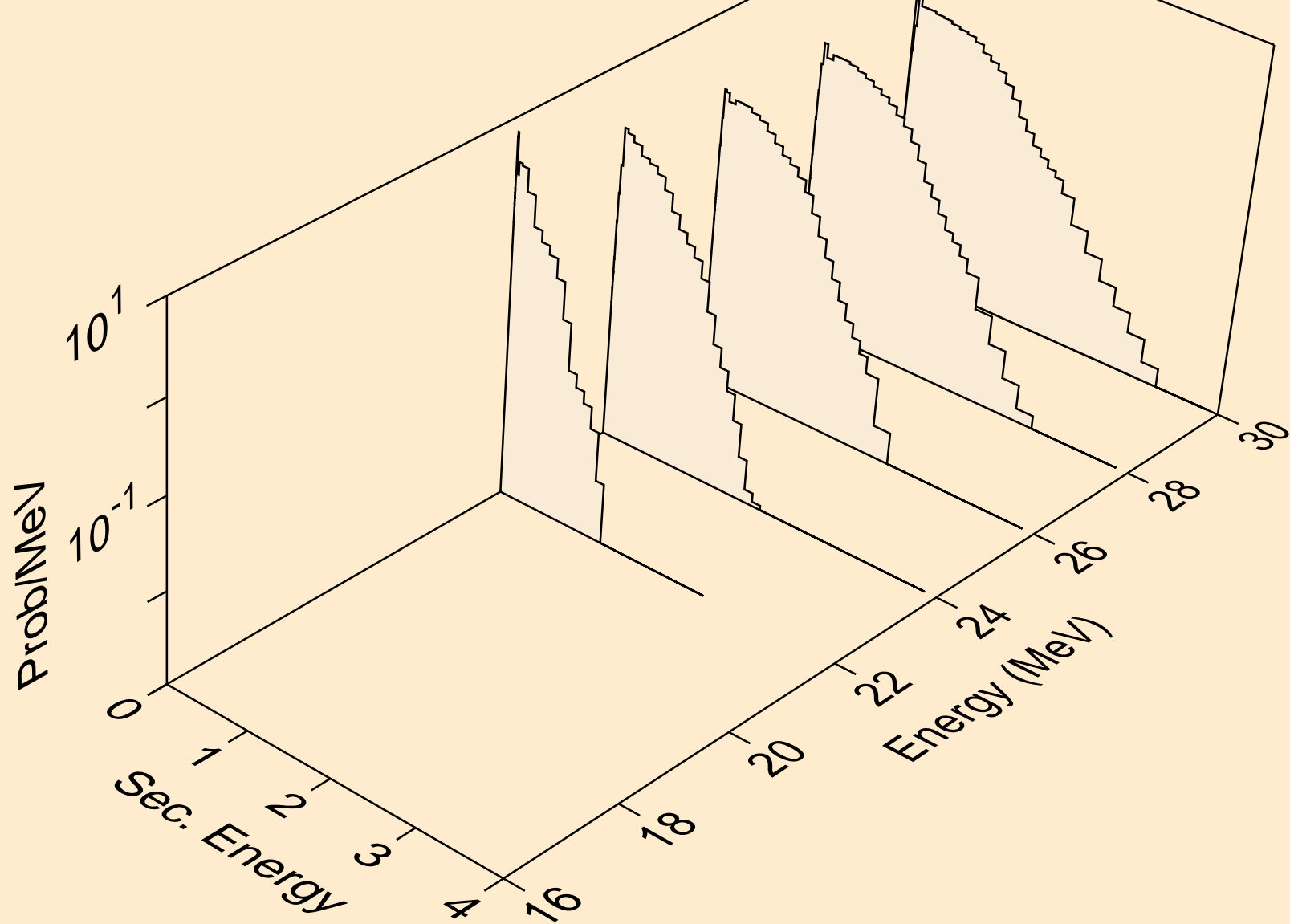
TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



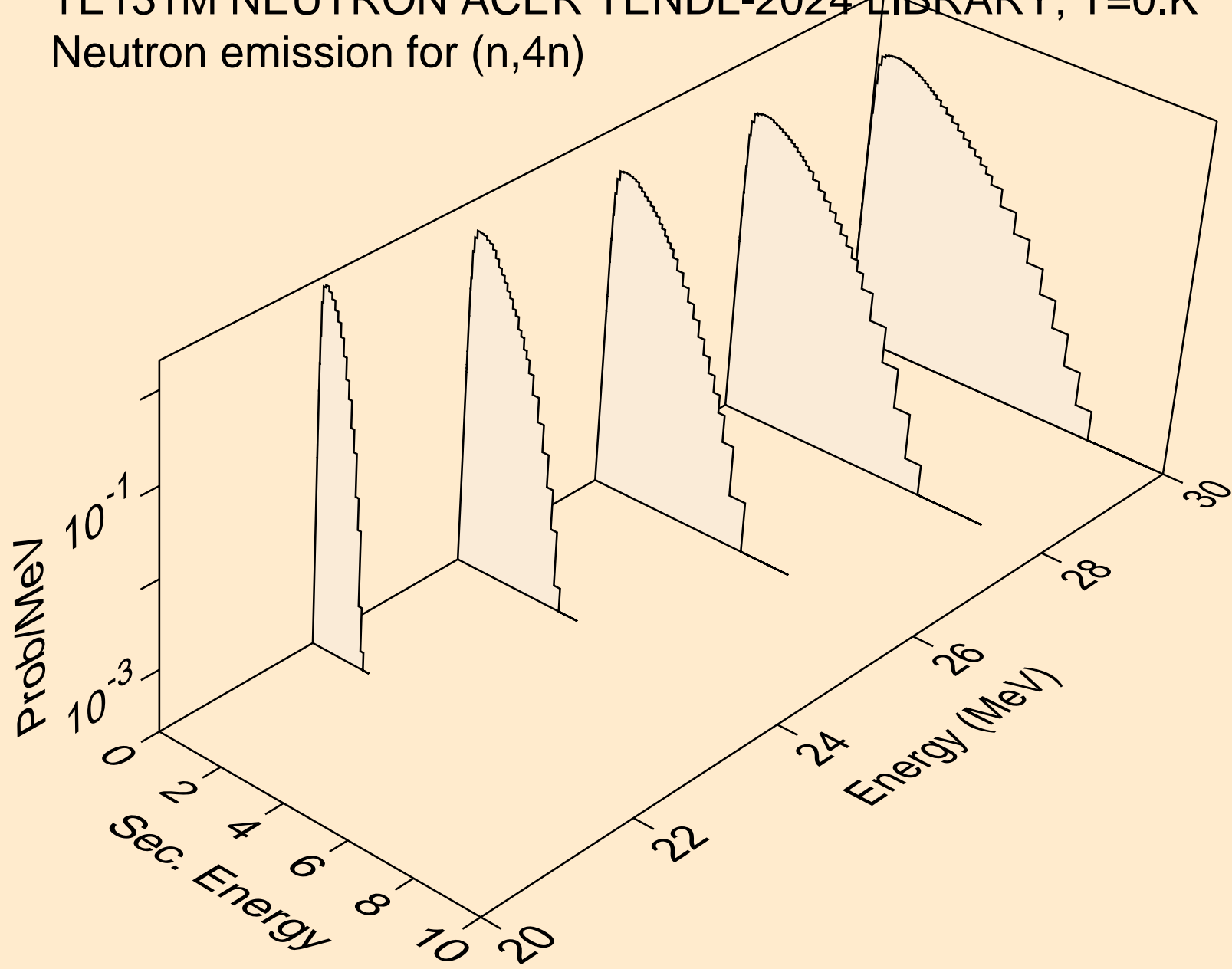
TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



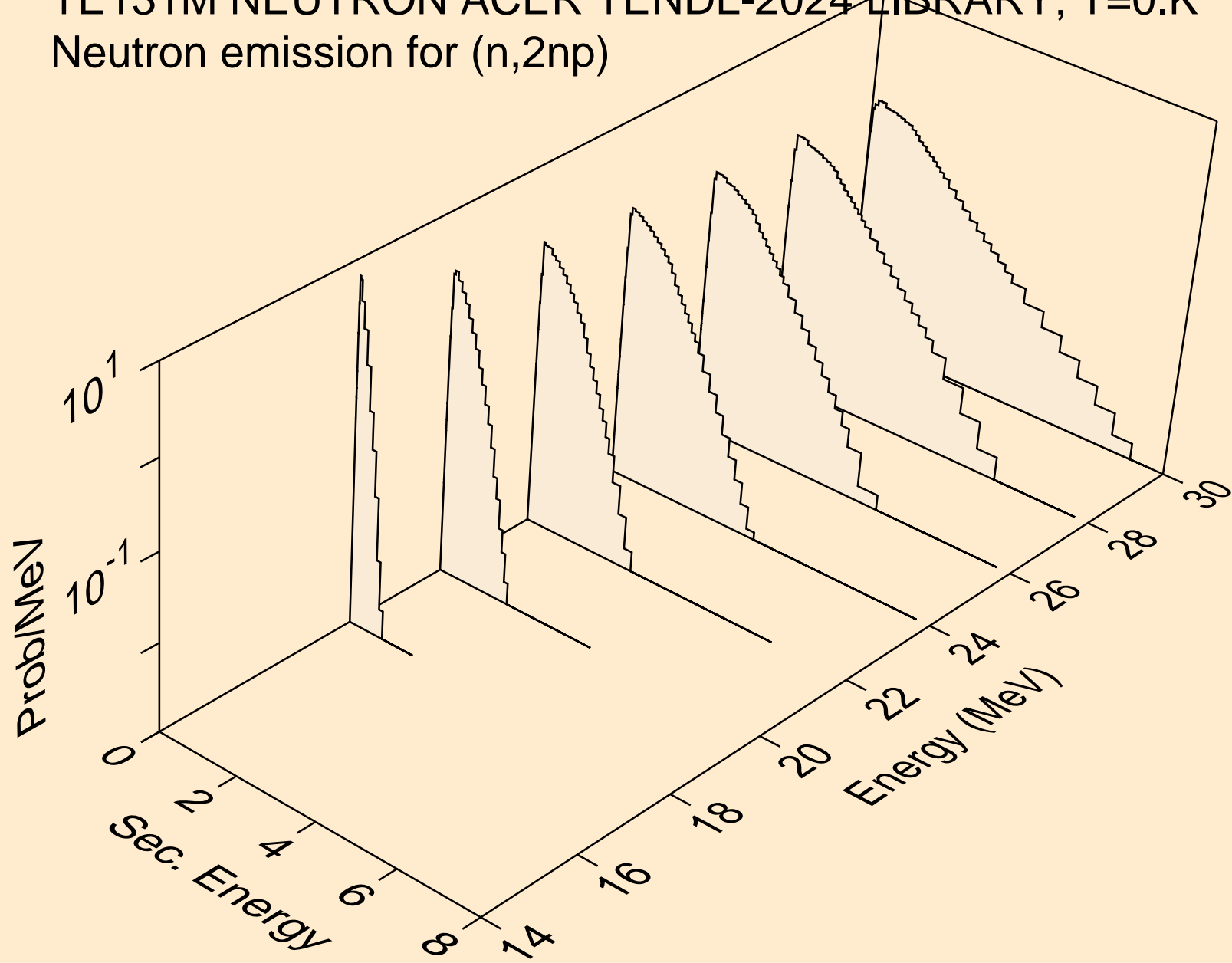
TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)

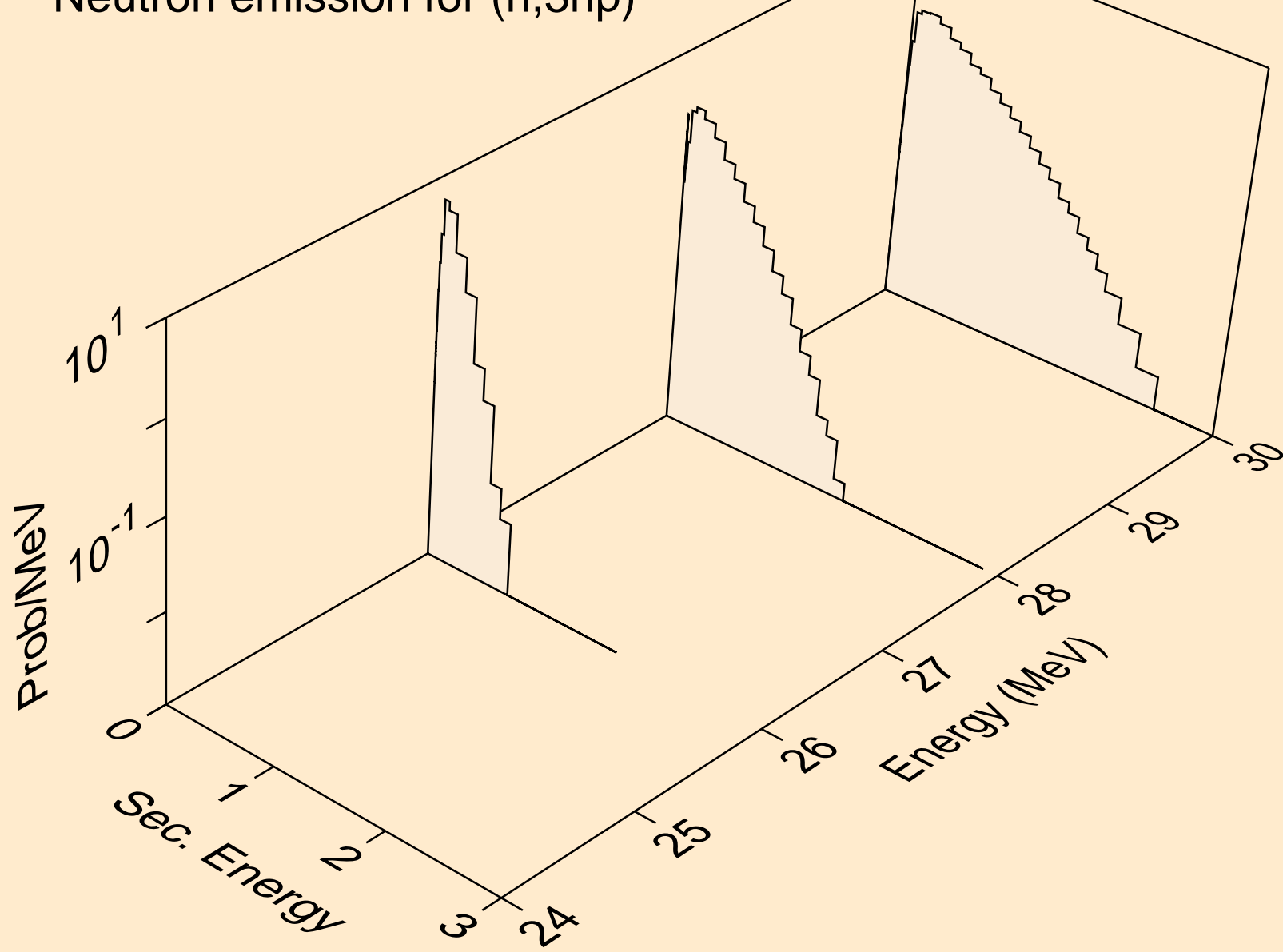


TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)

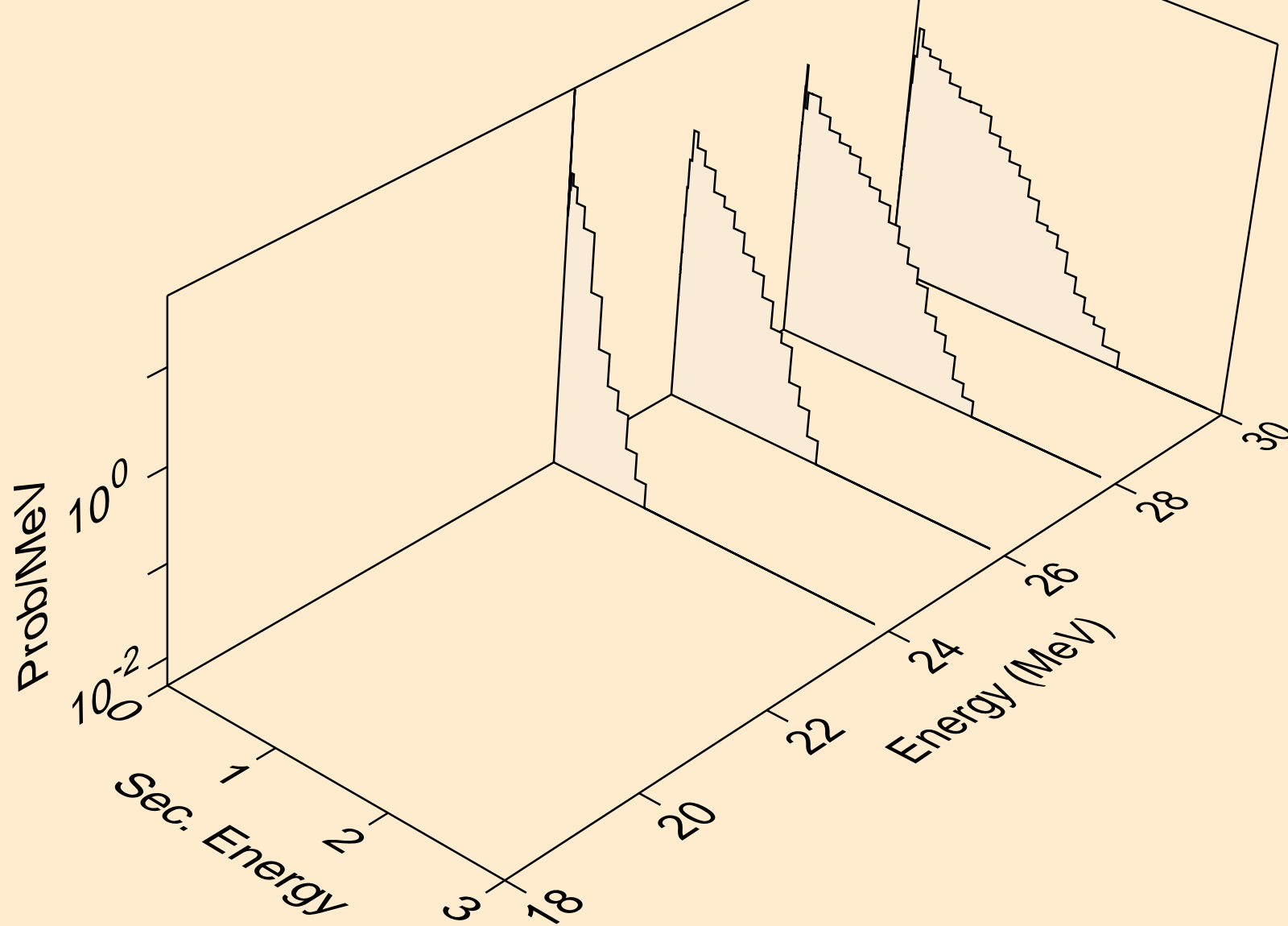




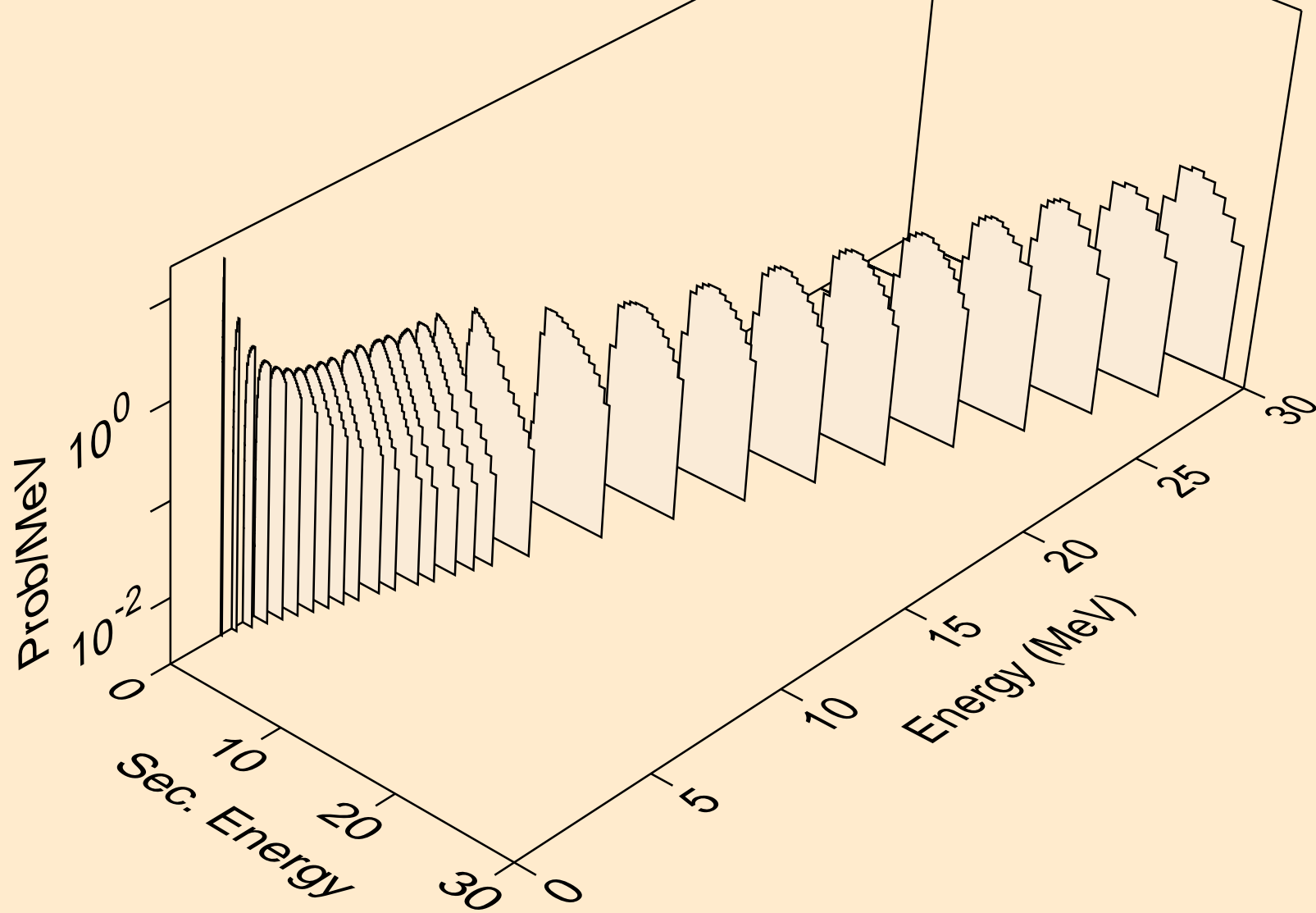
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Neutron emission for (n,3np)



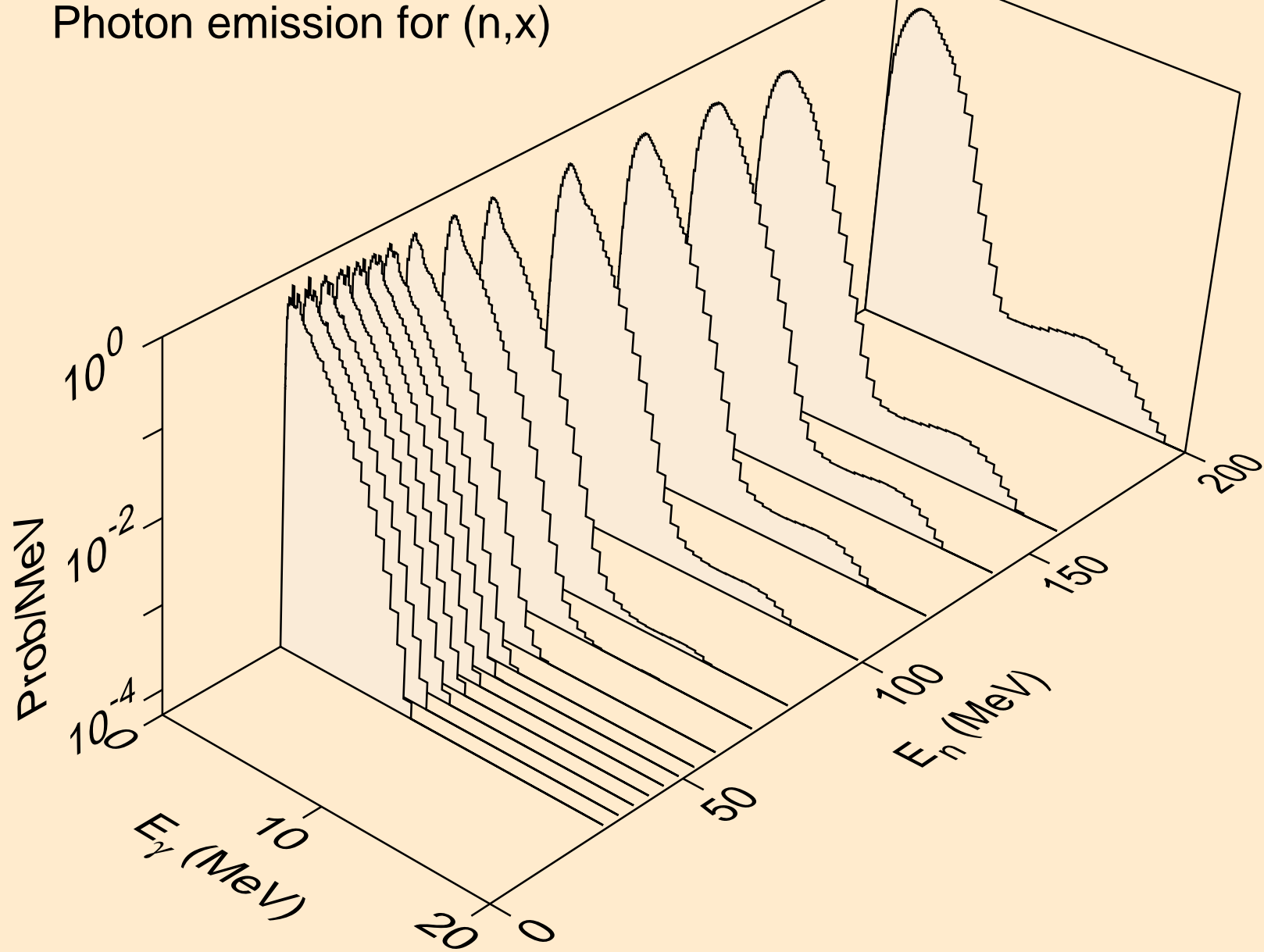
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Neutron emission for (n,n2p)



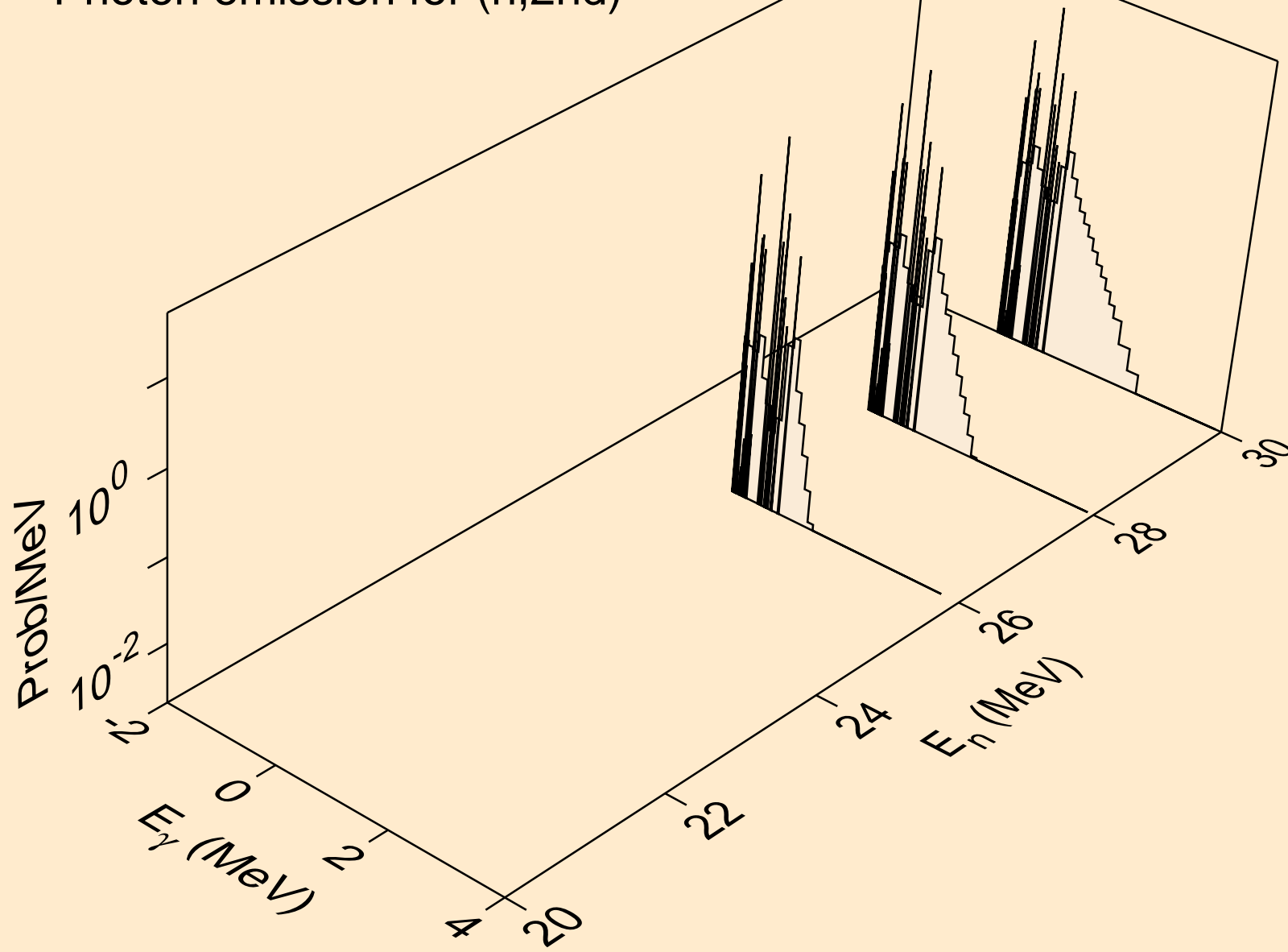
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Neutron emission for (n,n\*c)



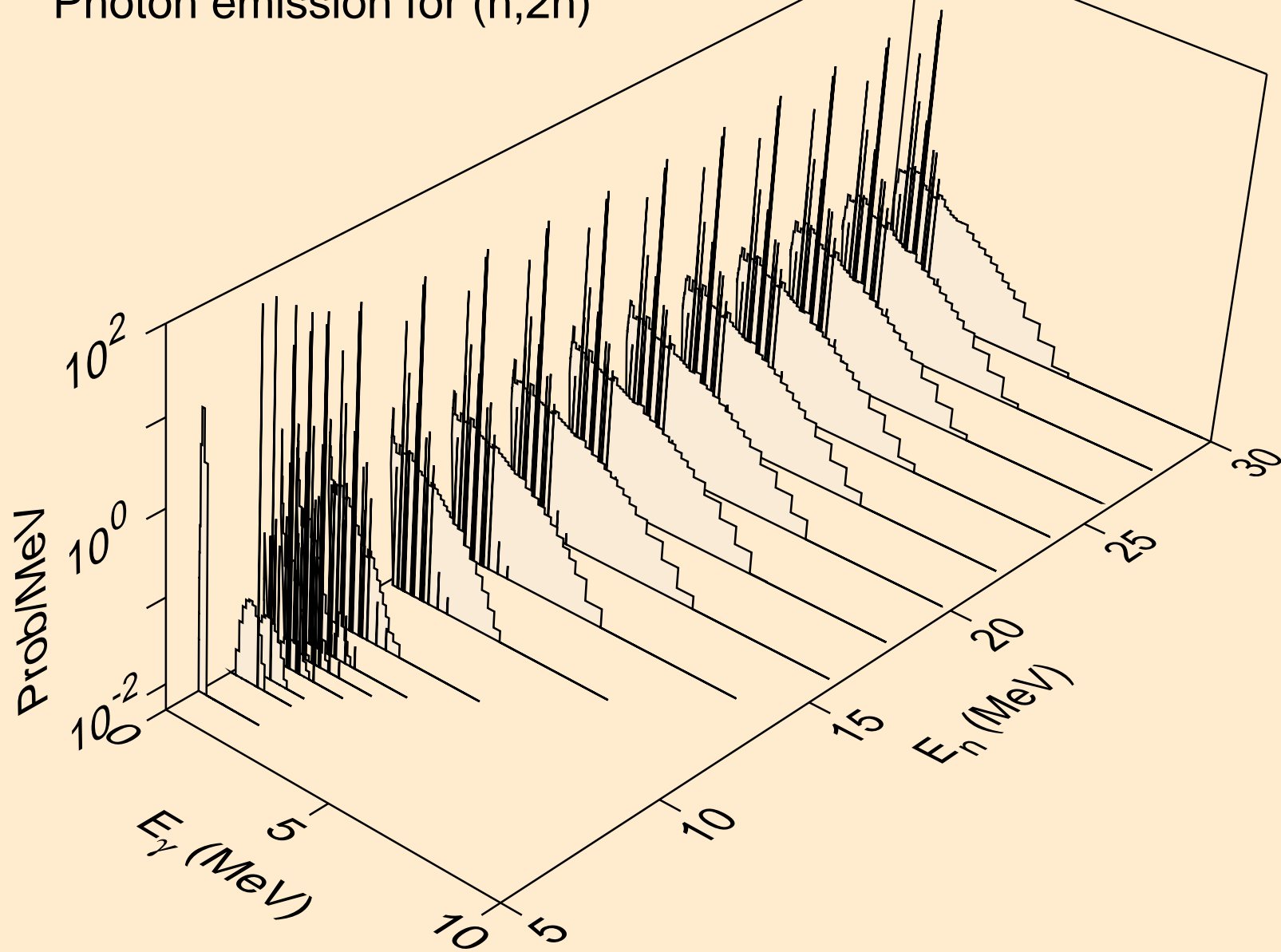
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Photon emission for (n,x)



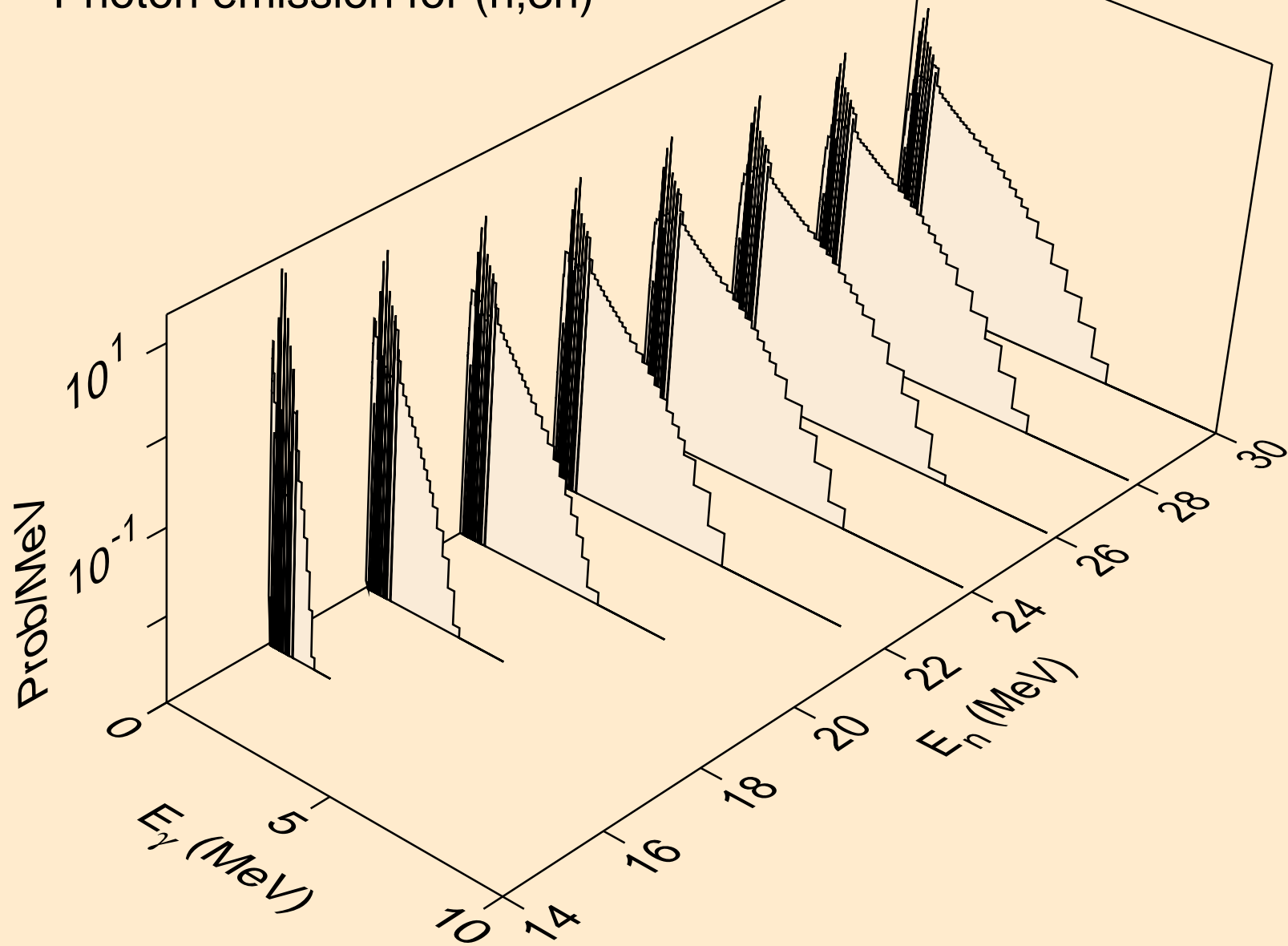
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Photon emission for (n,2nd)



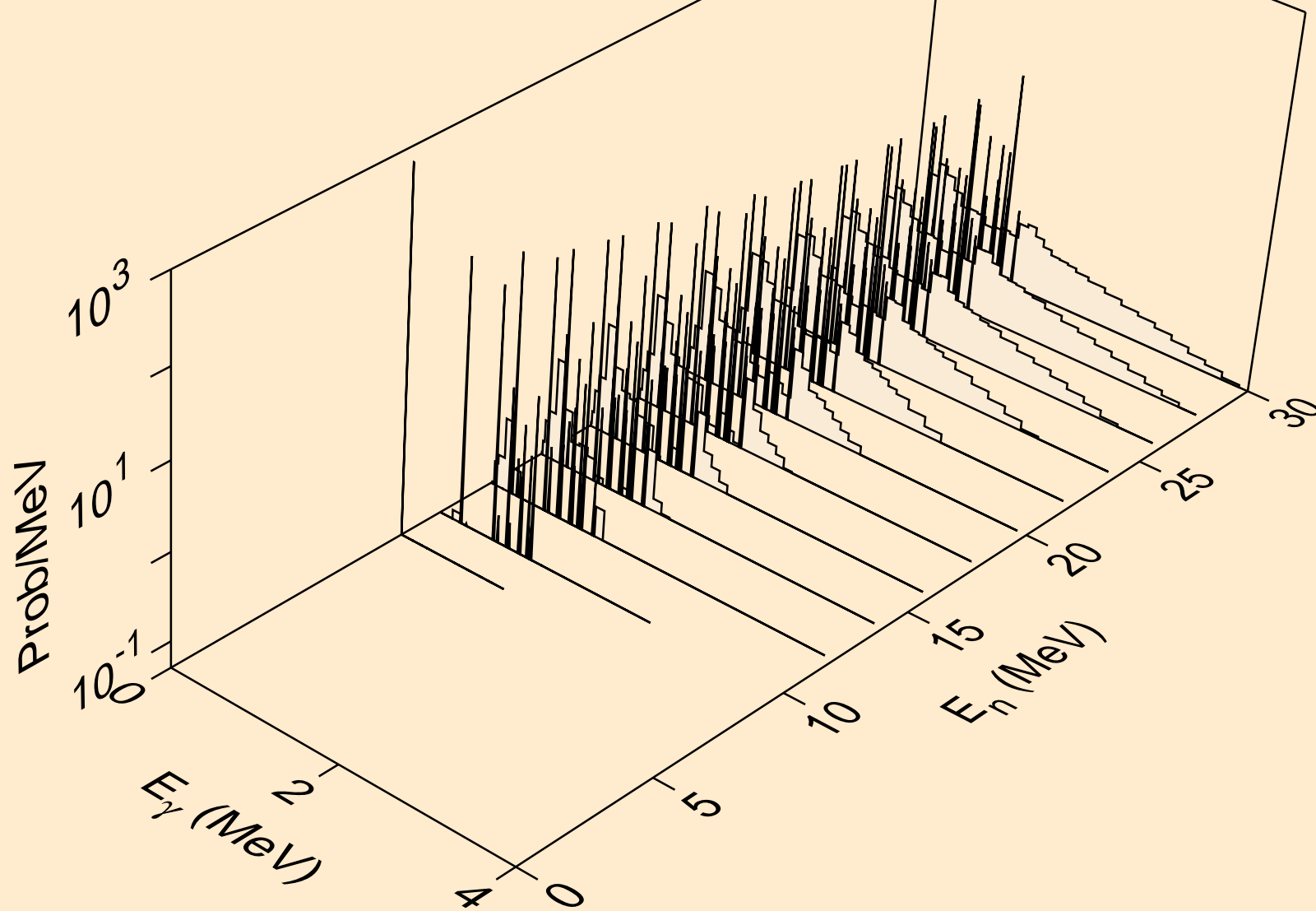
TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)

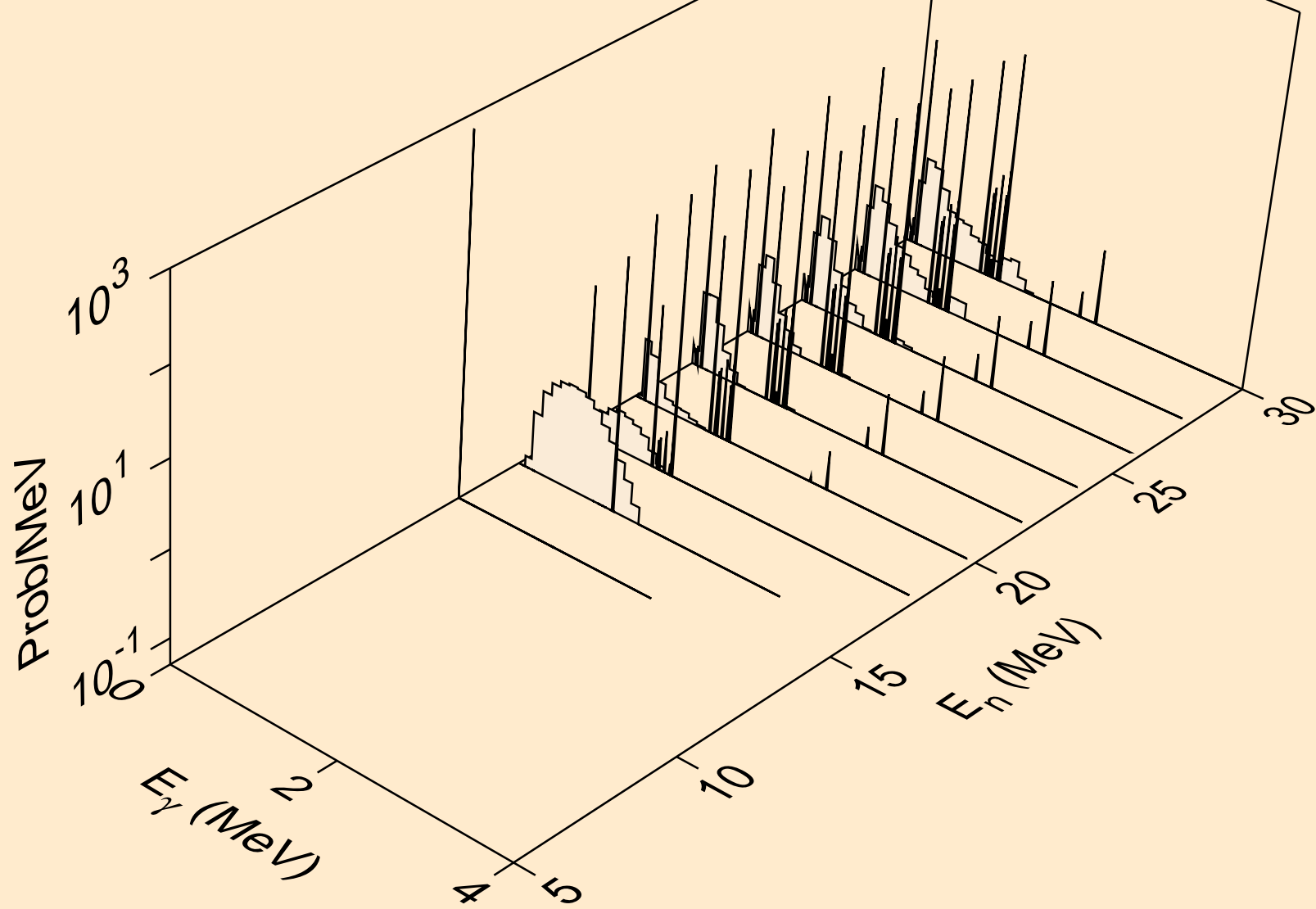


TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

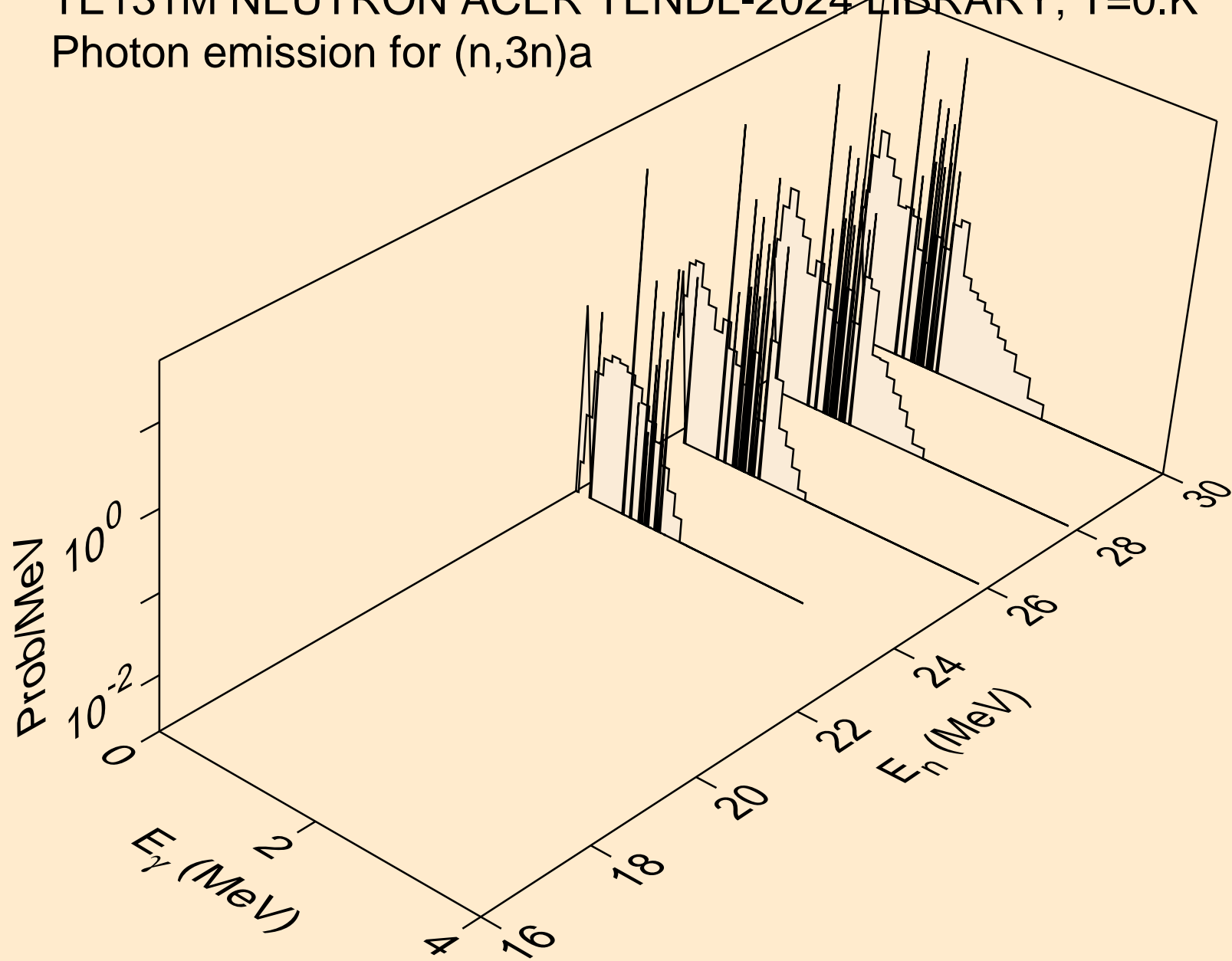




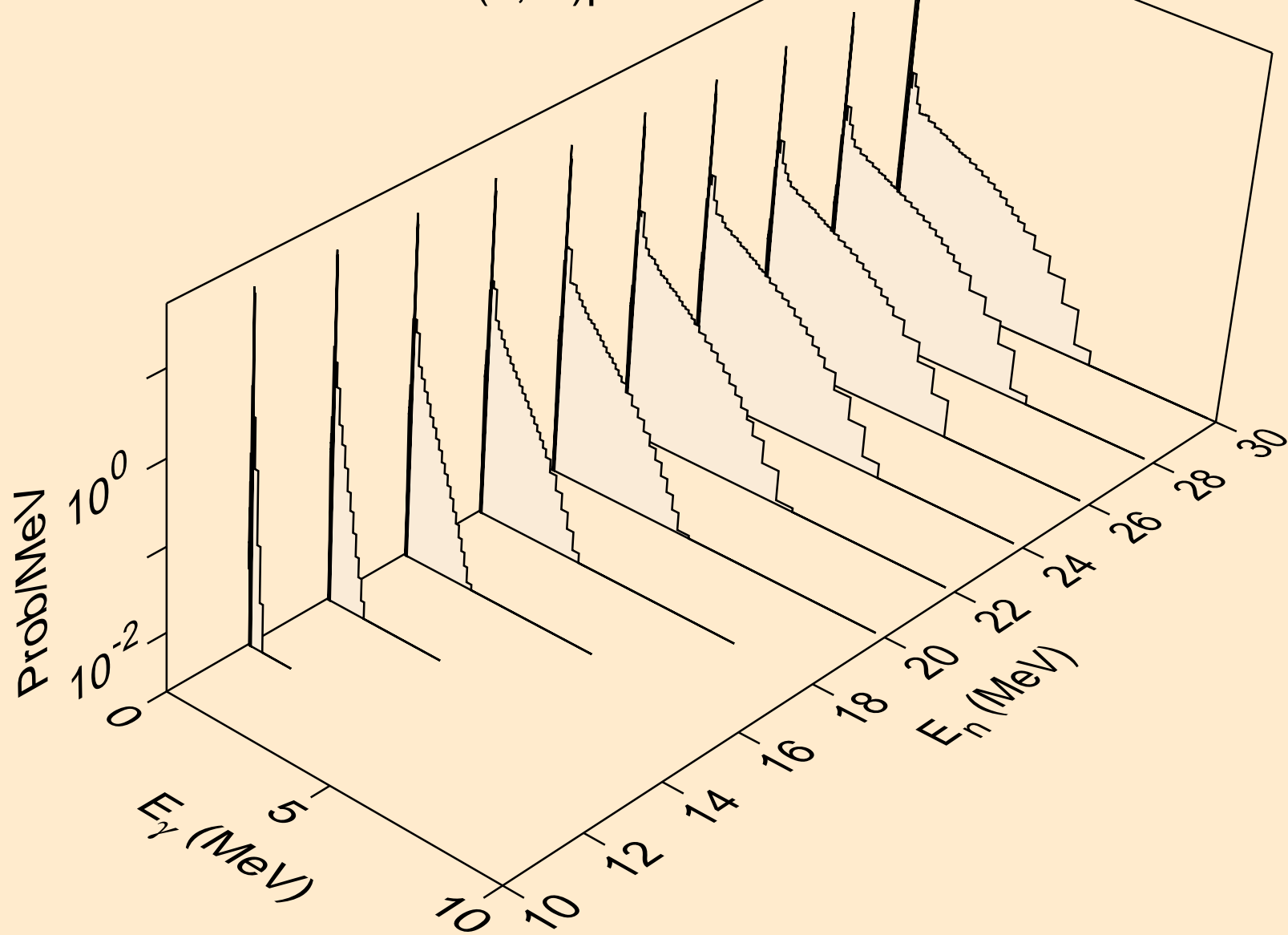
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Photon emission for (n,2n)a



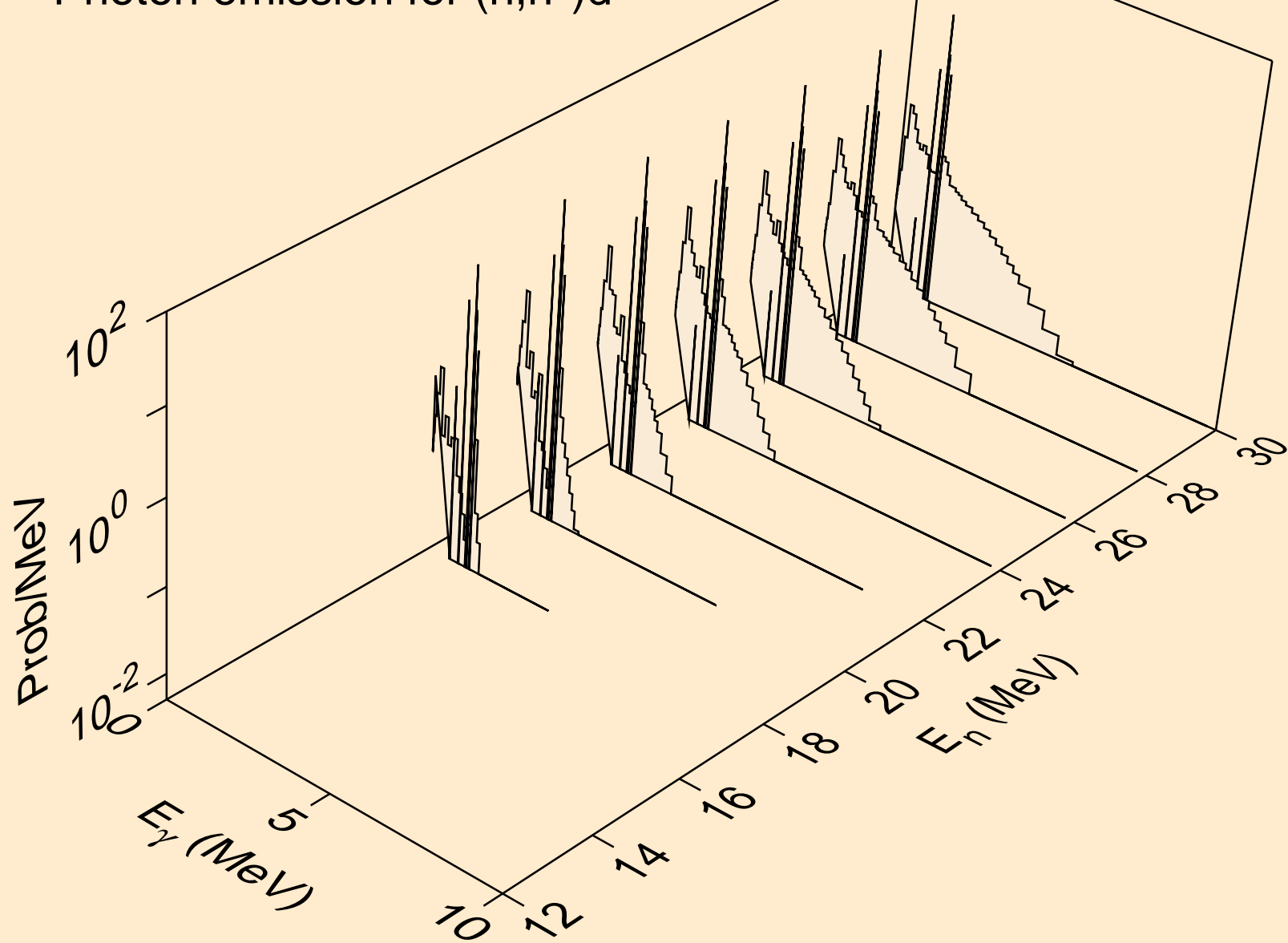
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Photon emission for (n,3n)a



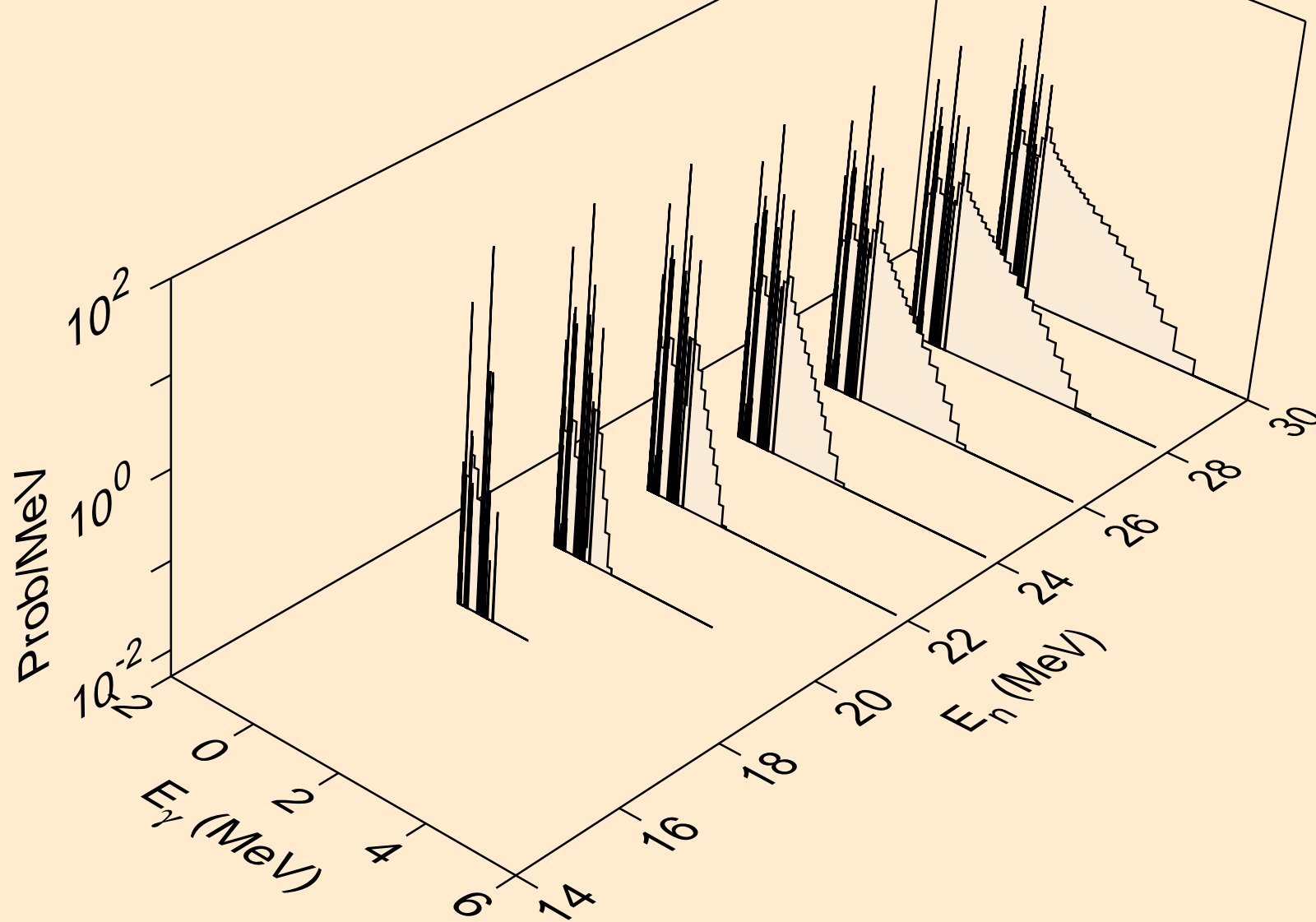
TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



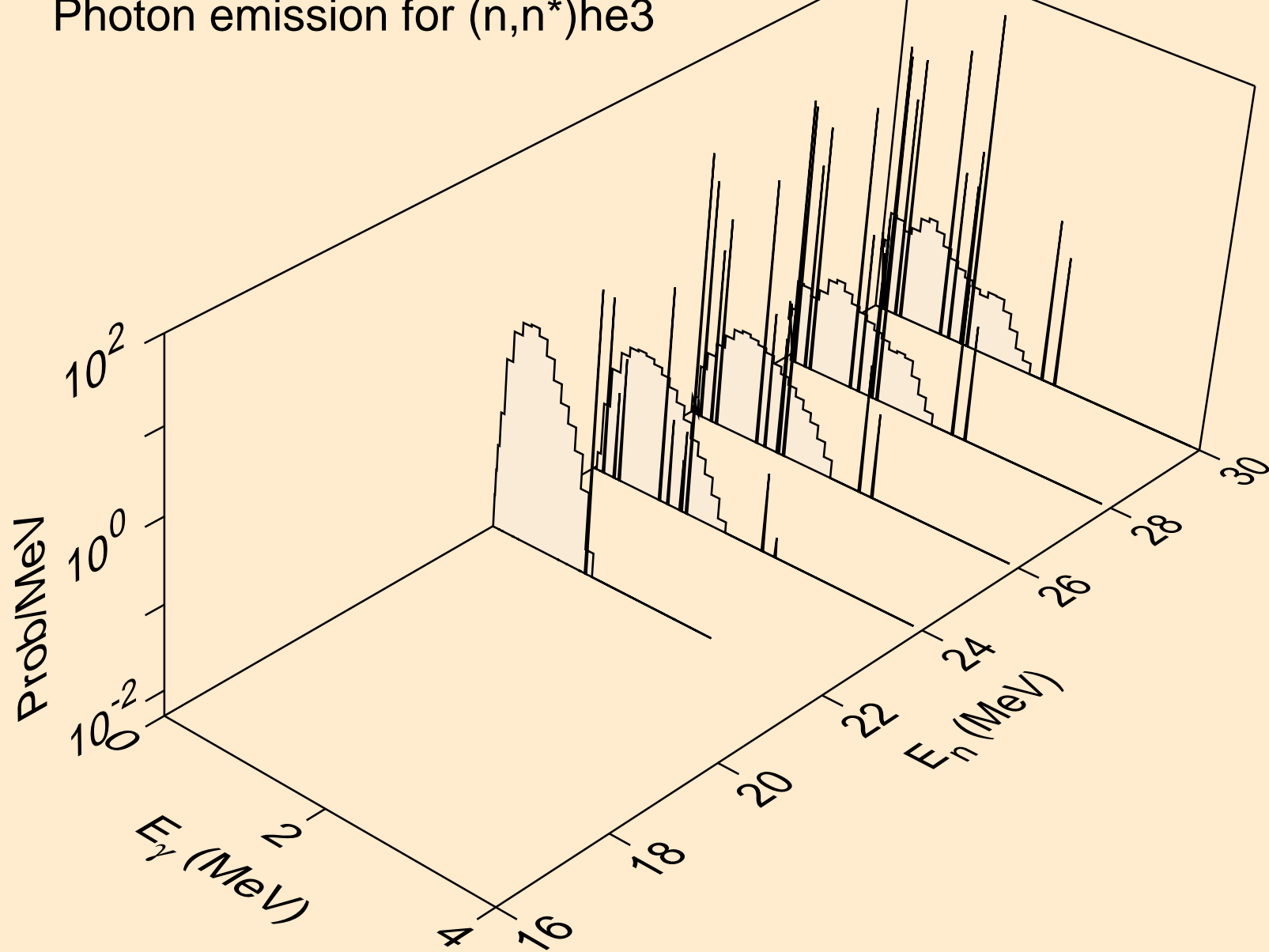
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Photon emission for (n,n\*)d



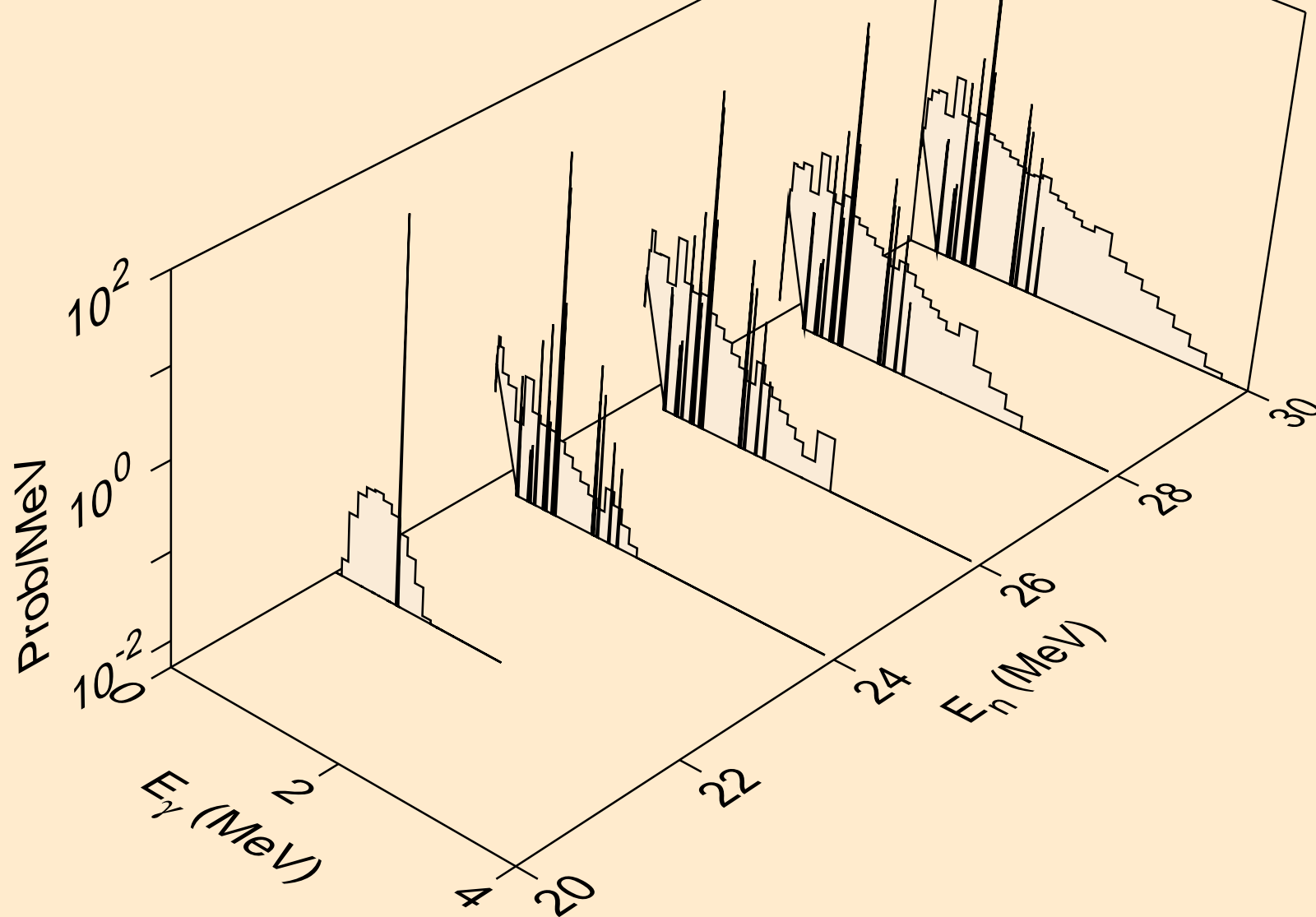
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Photon emission for (n,n\*)t



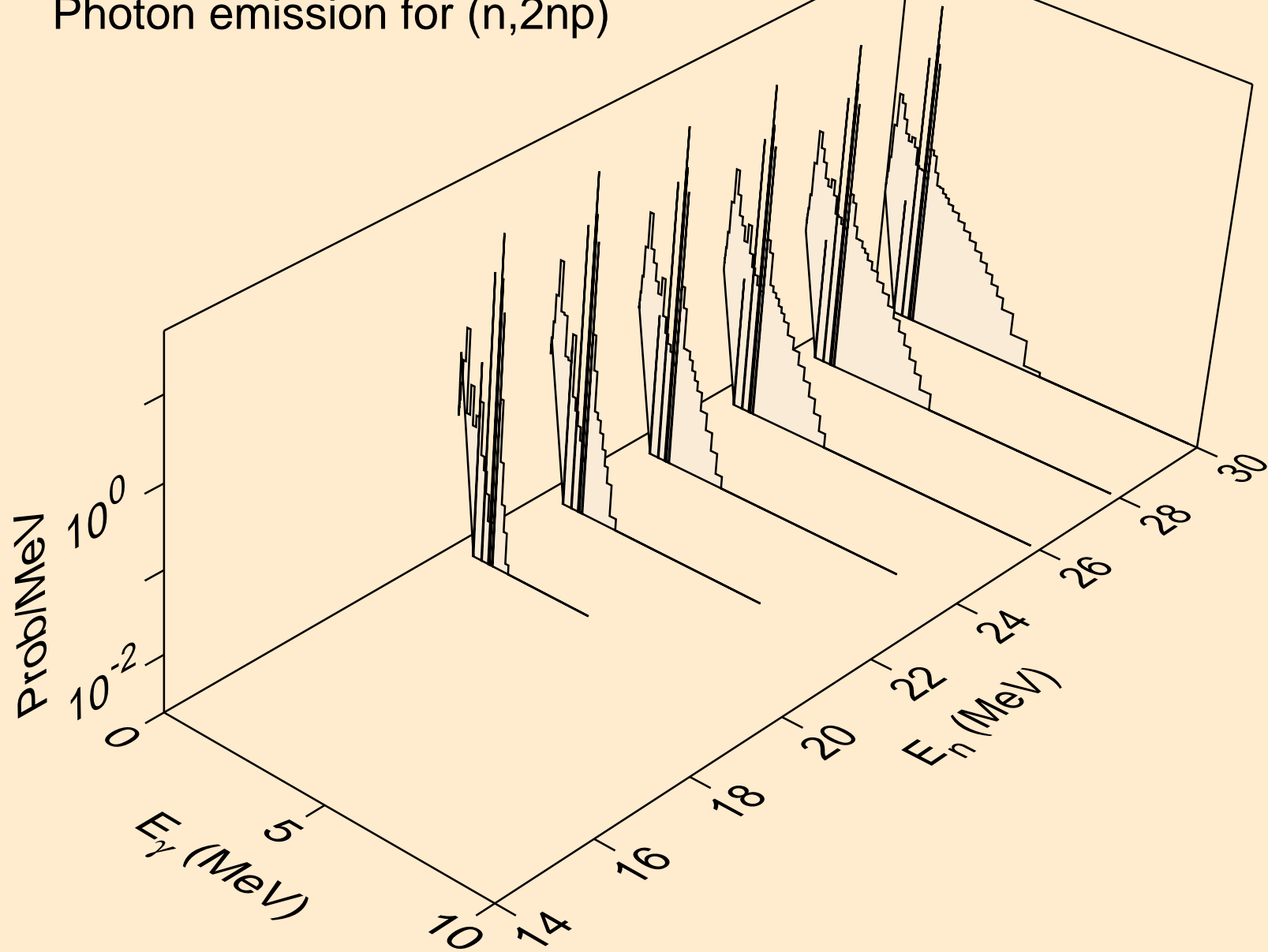
TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)

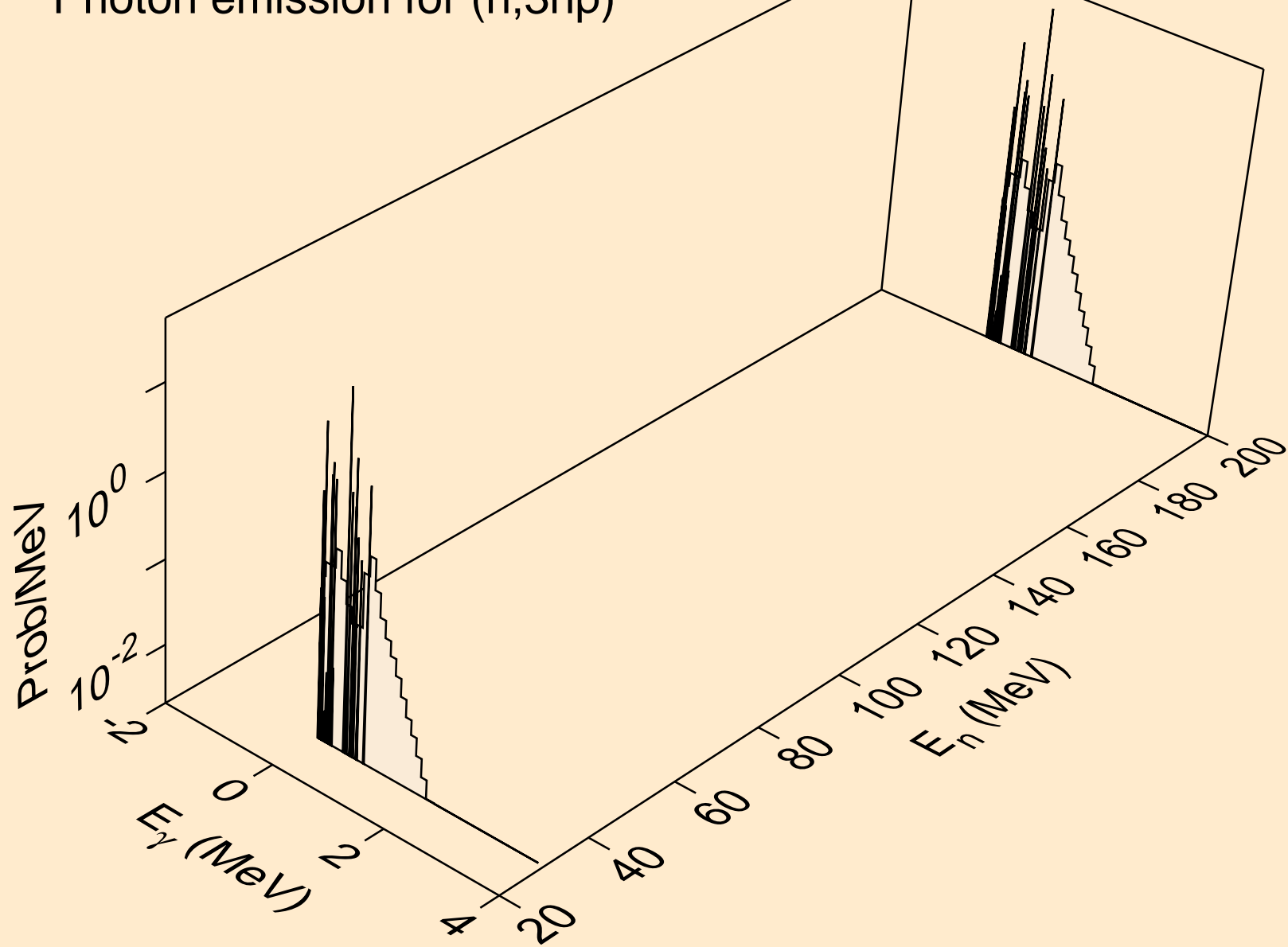


TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)

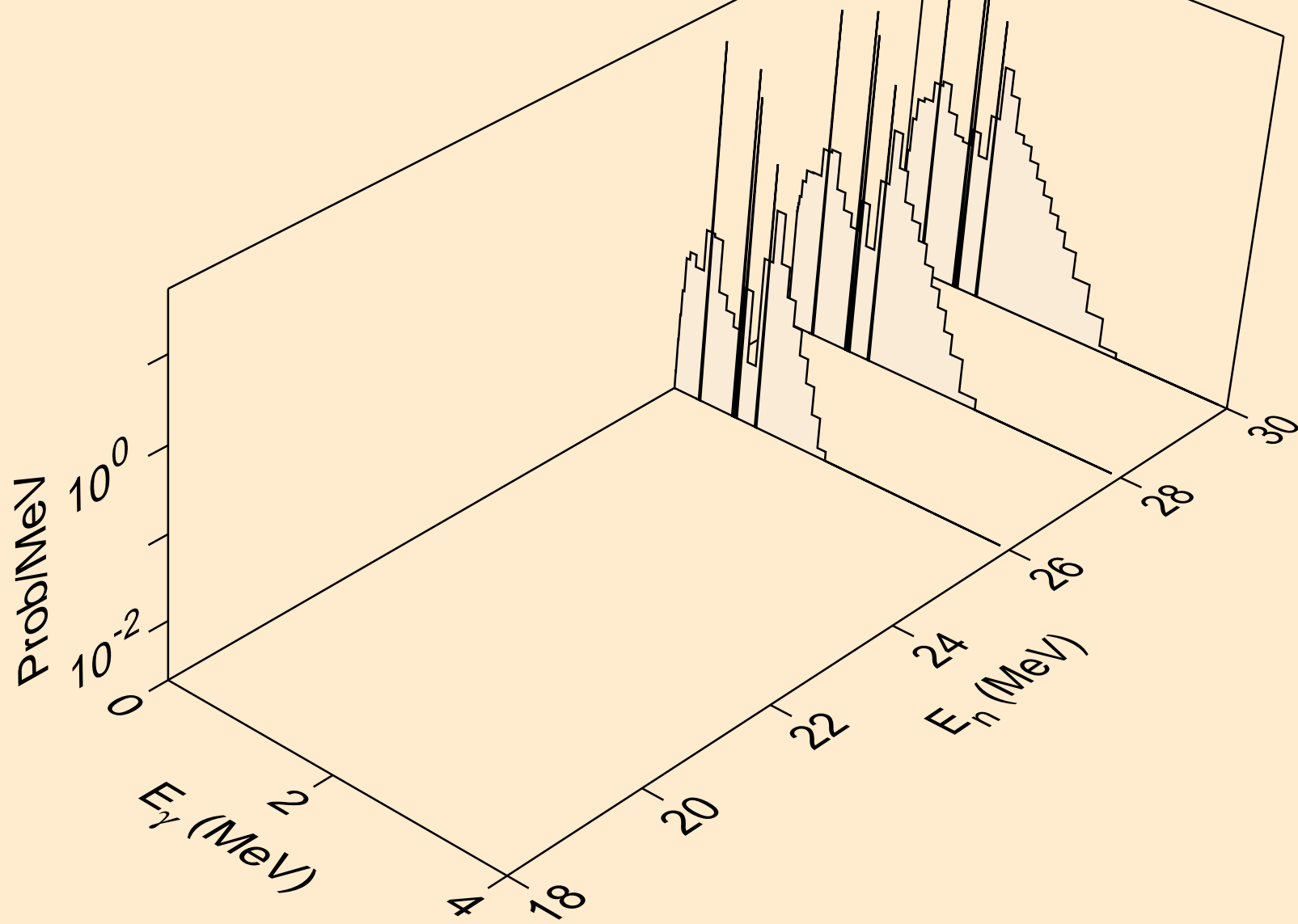




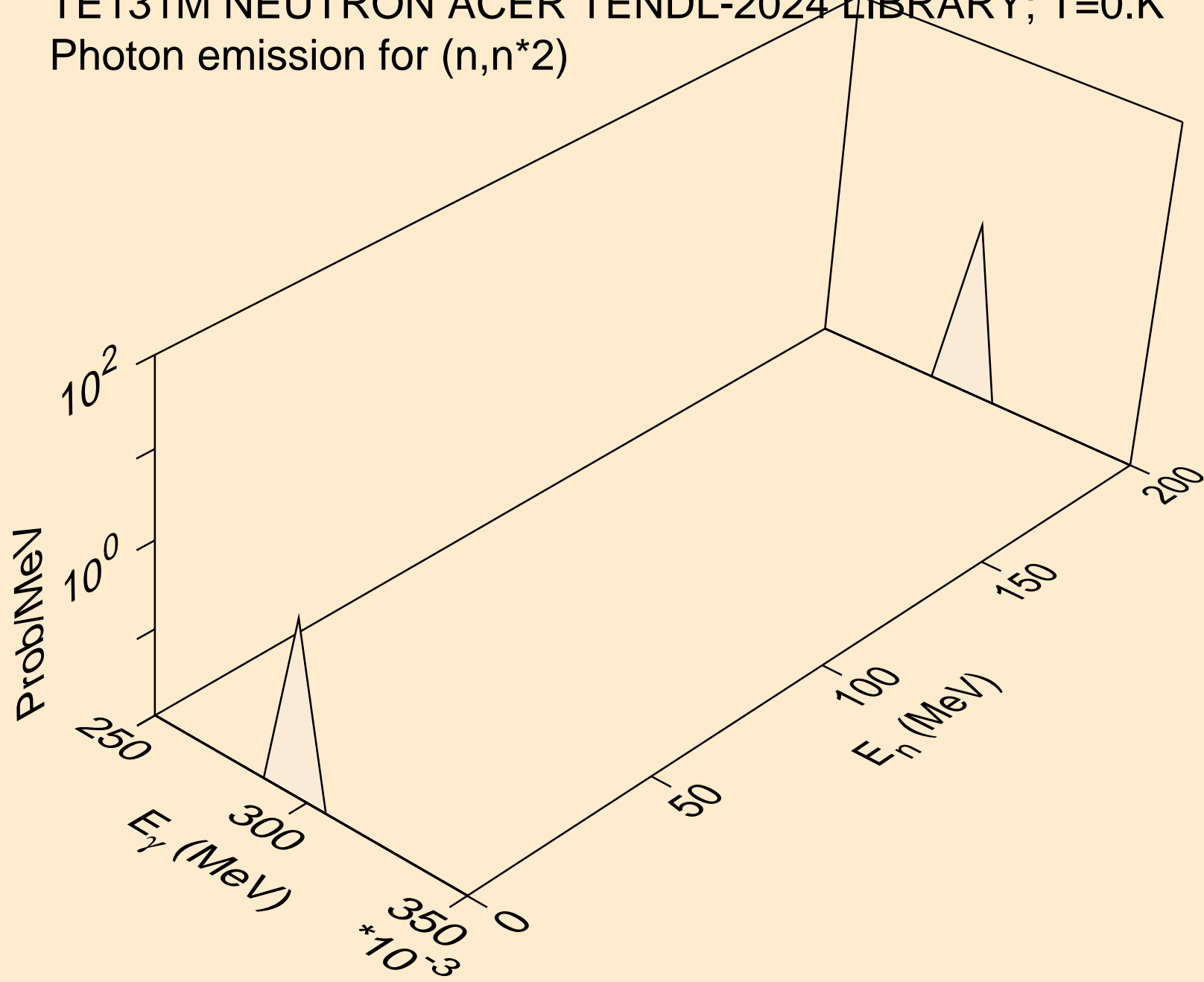
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Photon emission for (n,3np)



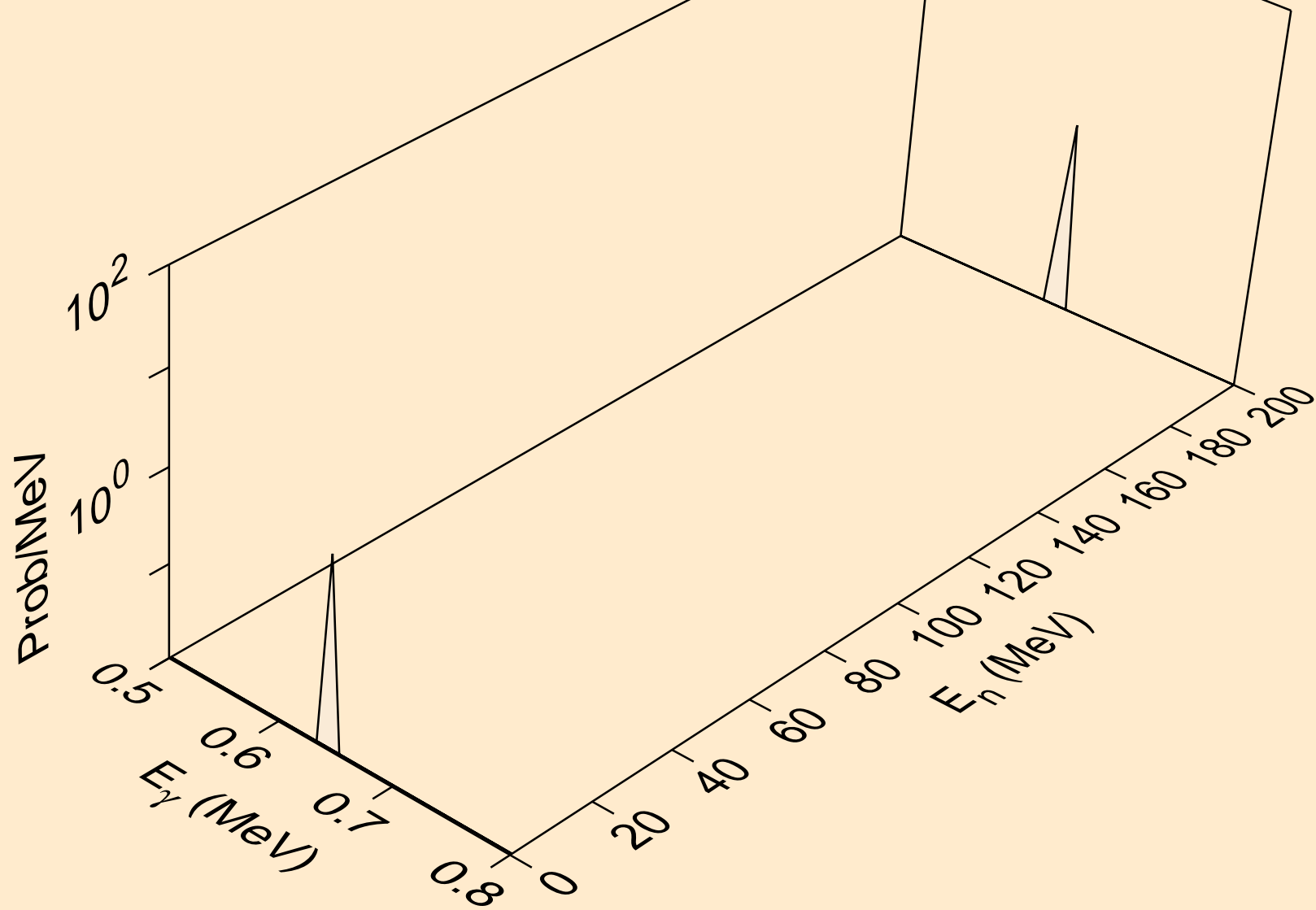
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Photon emission for (n,n2p)



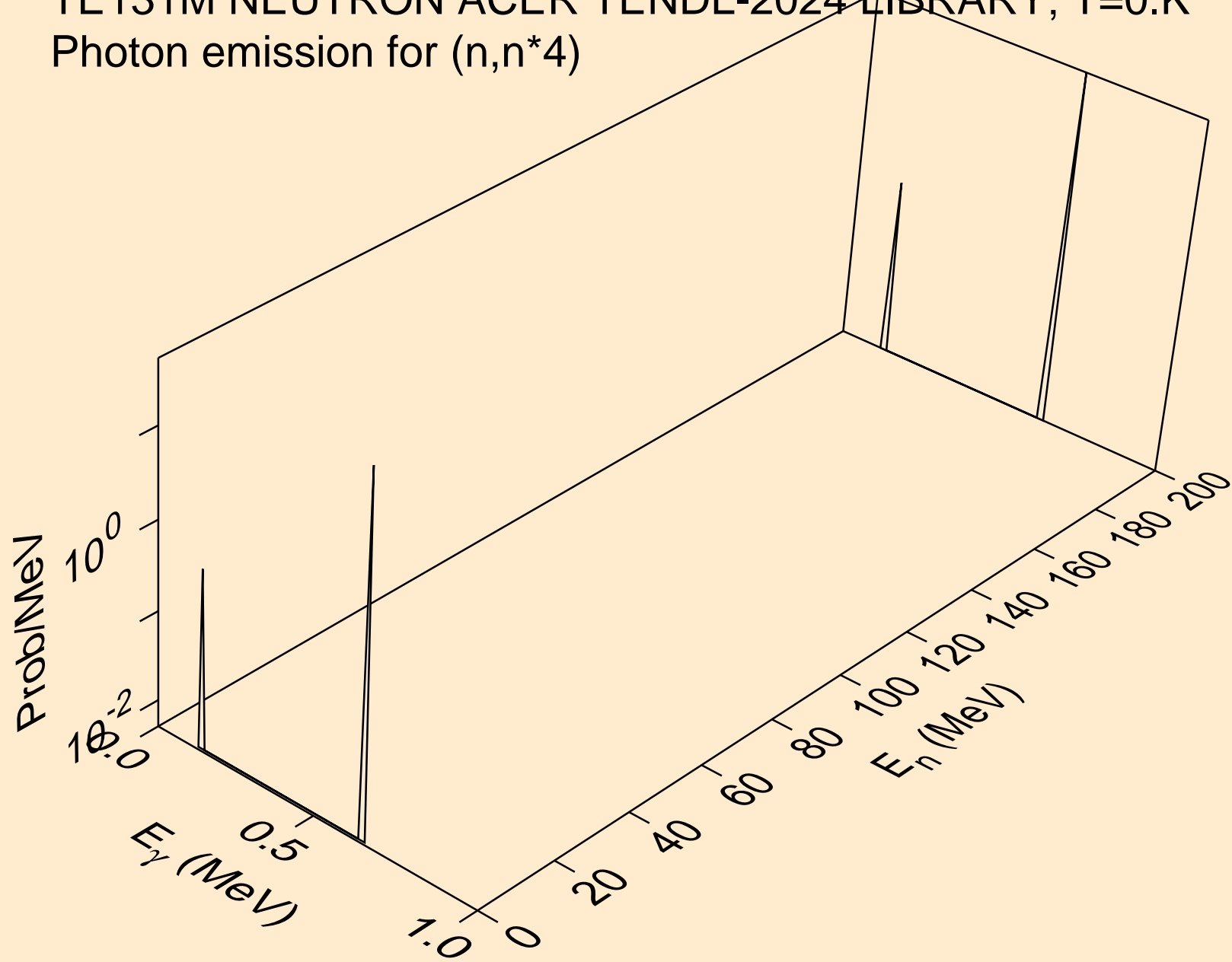
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Photon emission for (n,n\*2)



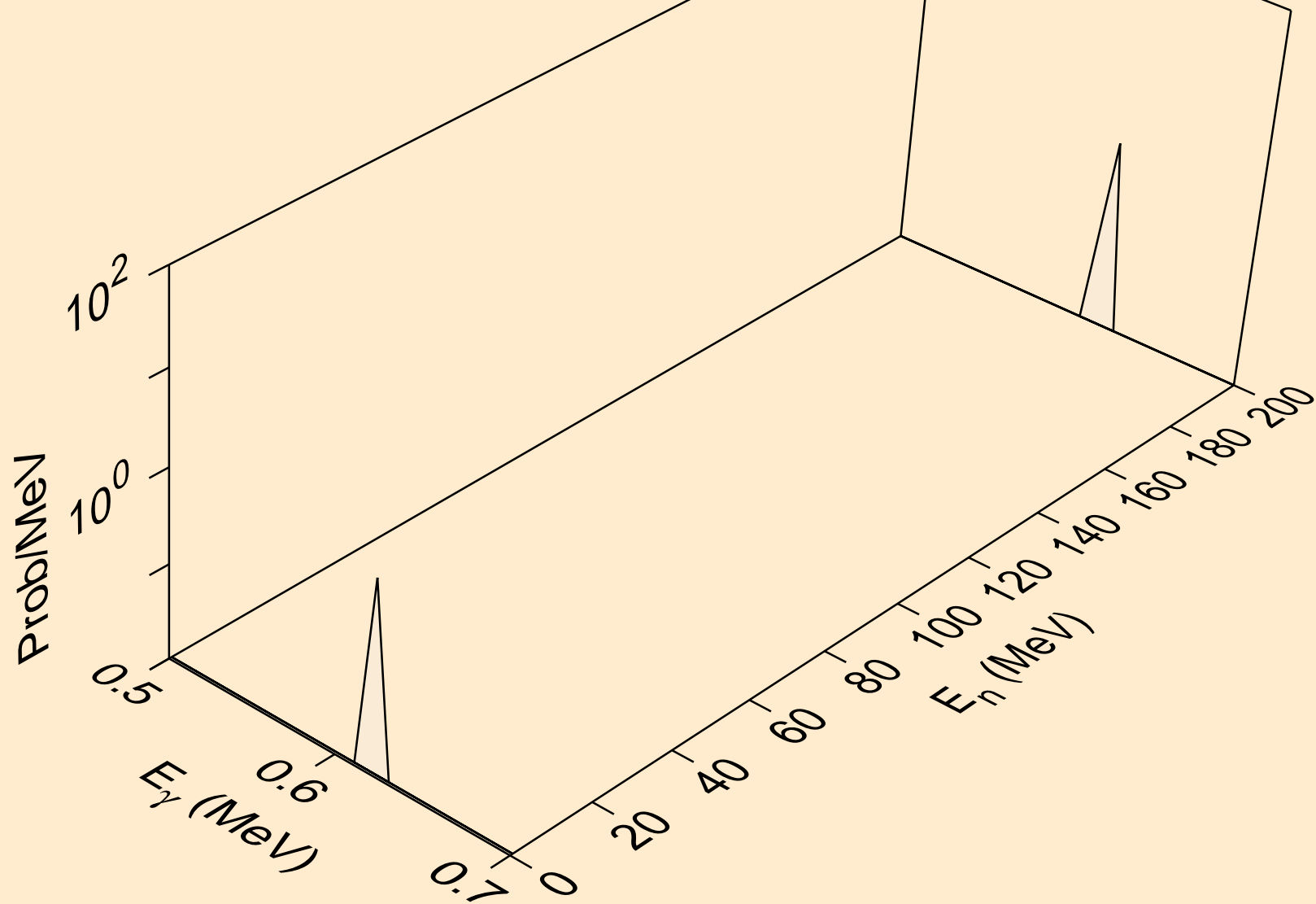
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Photon emission for (n,n\*3)



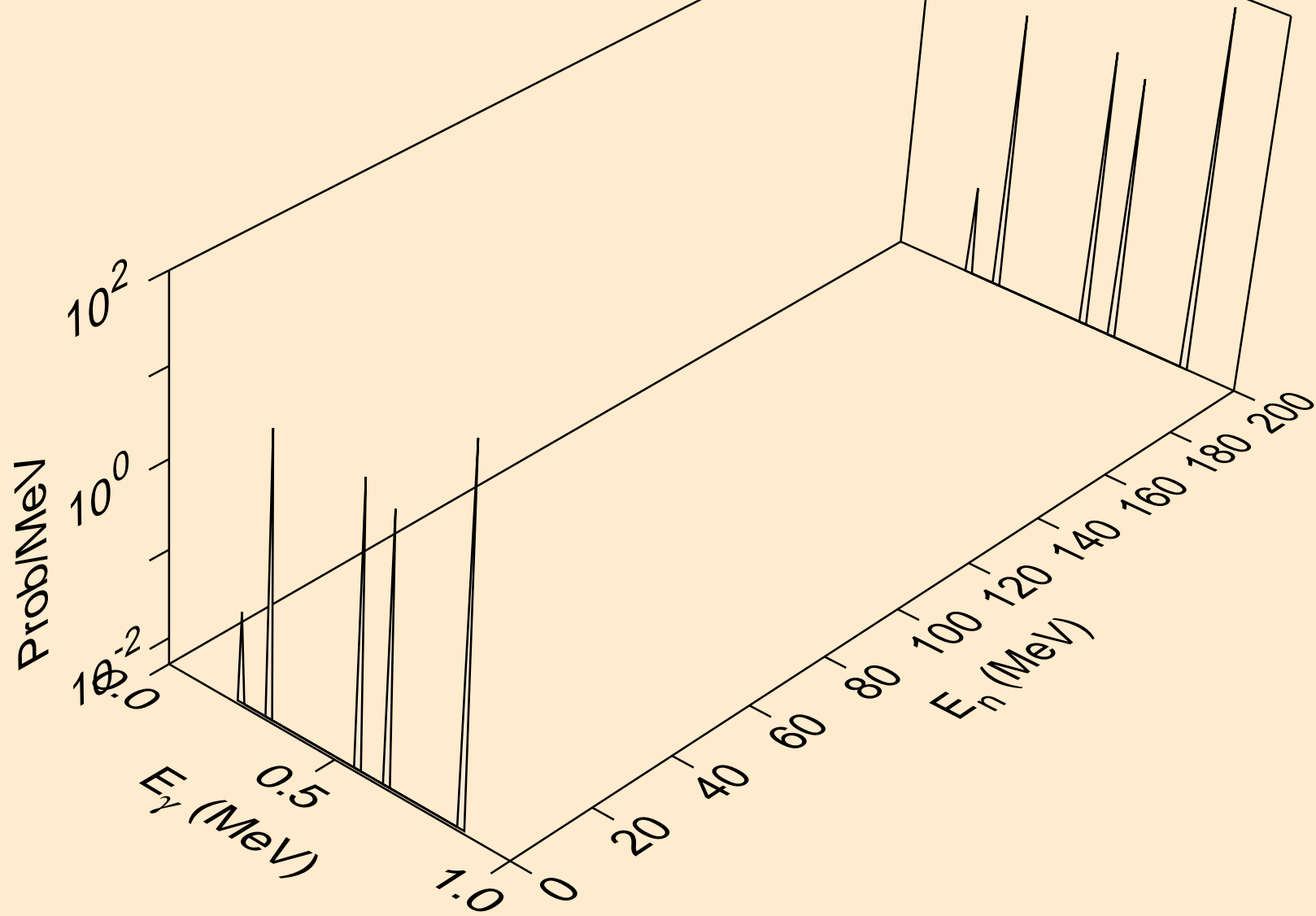
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Photon emission for (n,n\*4)



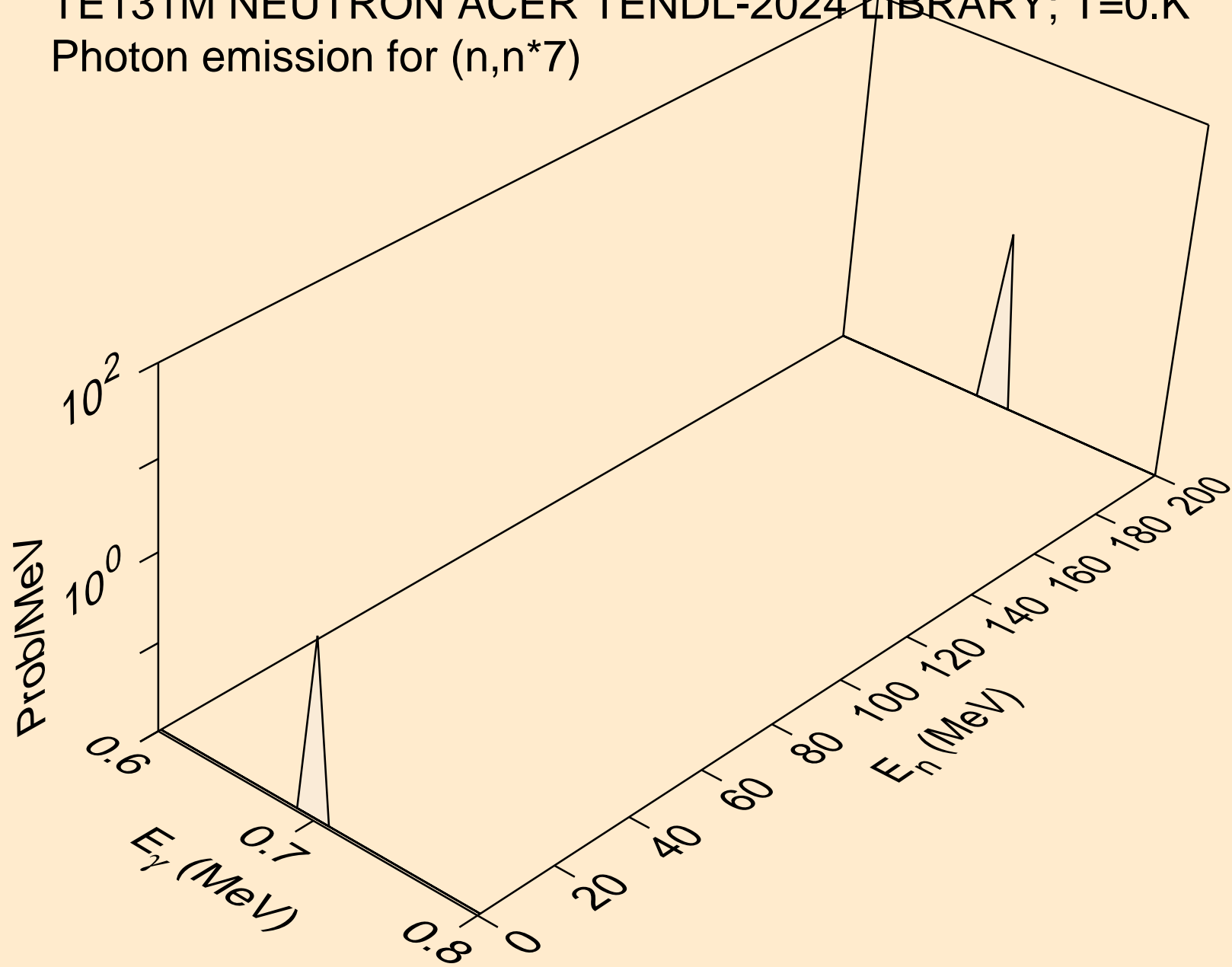
TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*5)



TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*6)

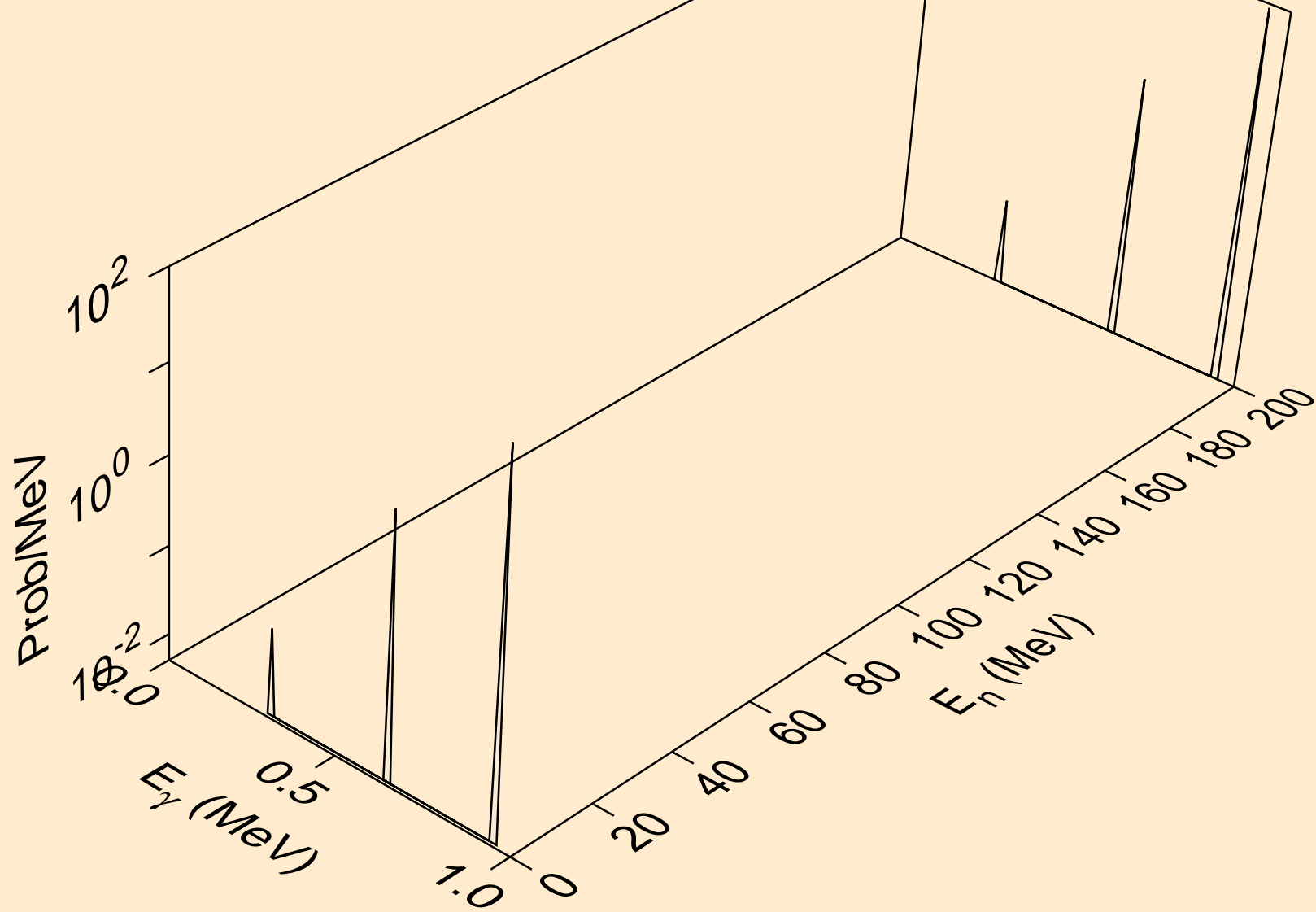


TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*7)

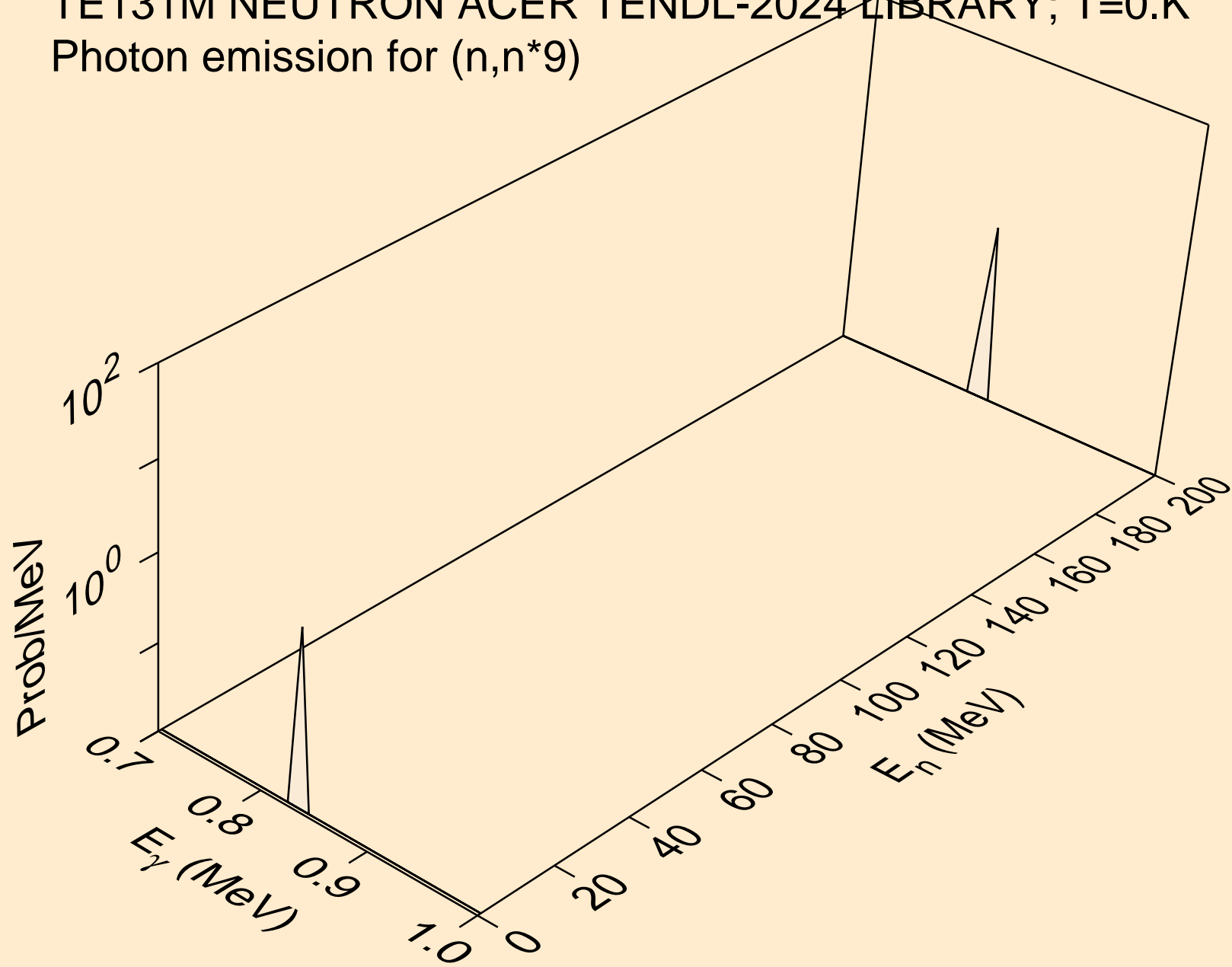




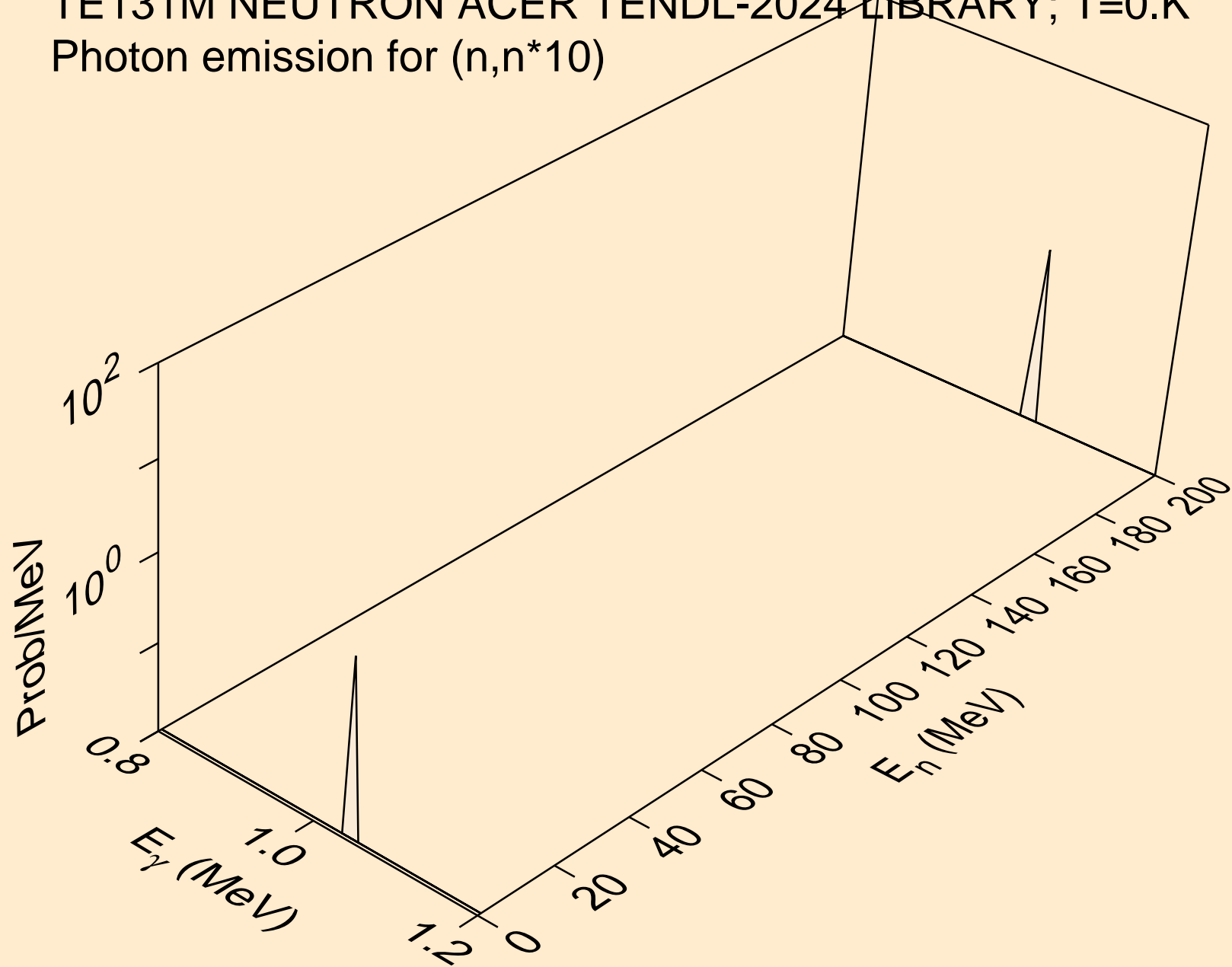
TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*8)



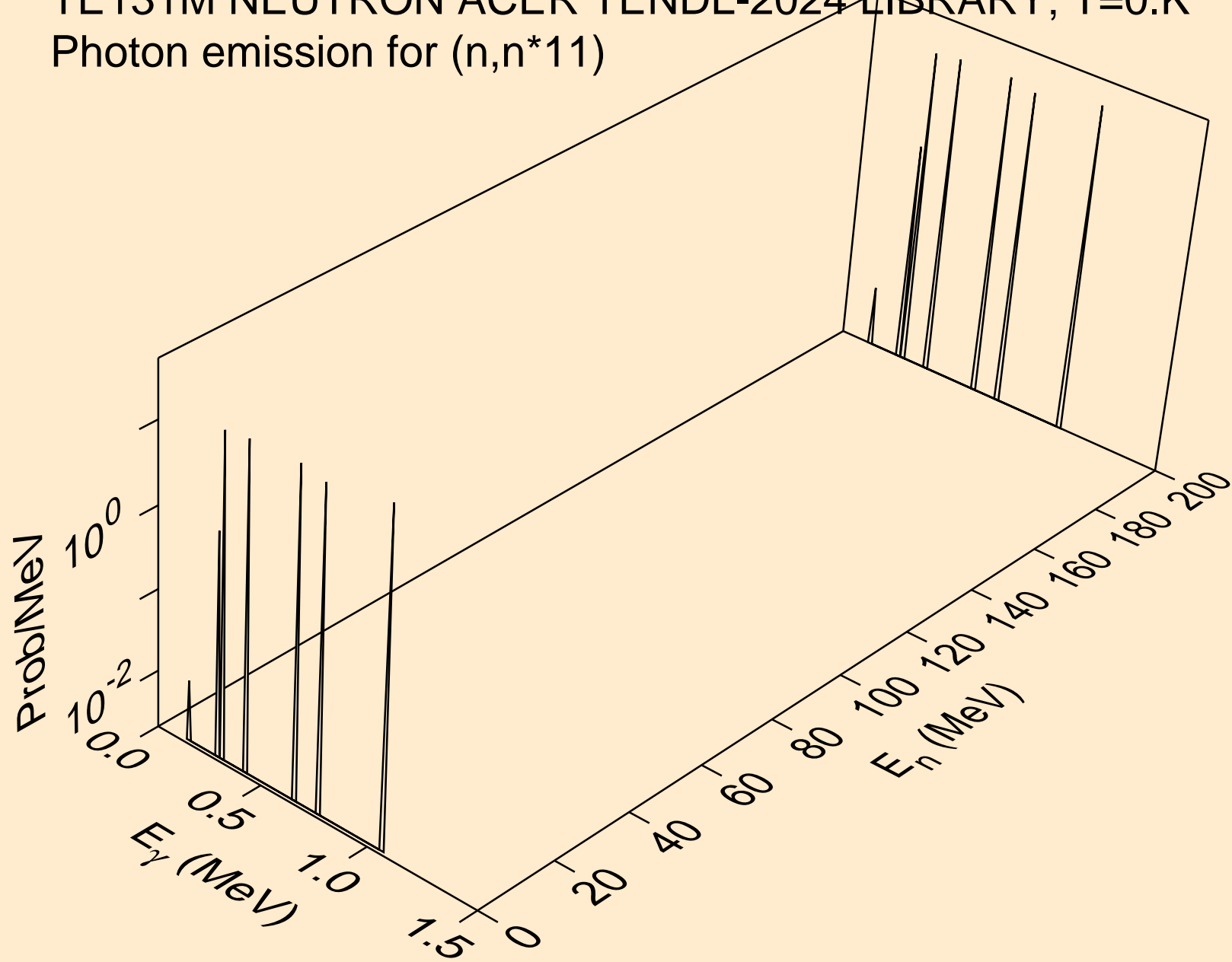
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Photon emission for (n,n\*9)



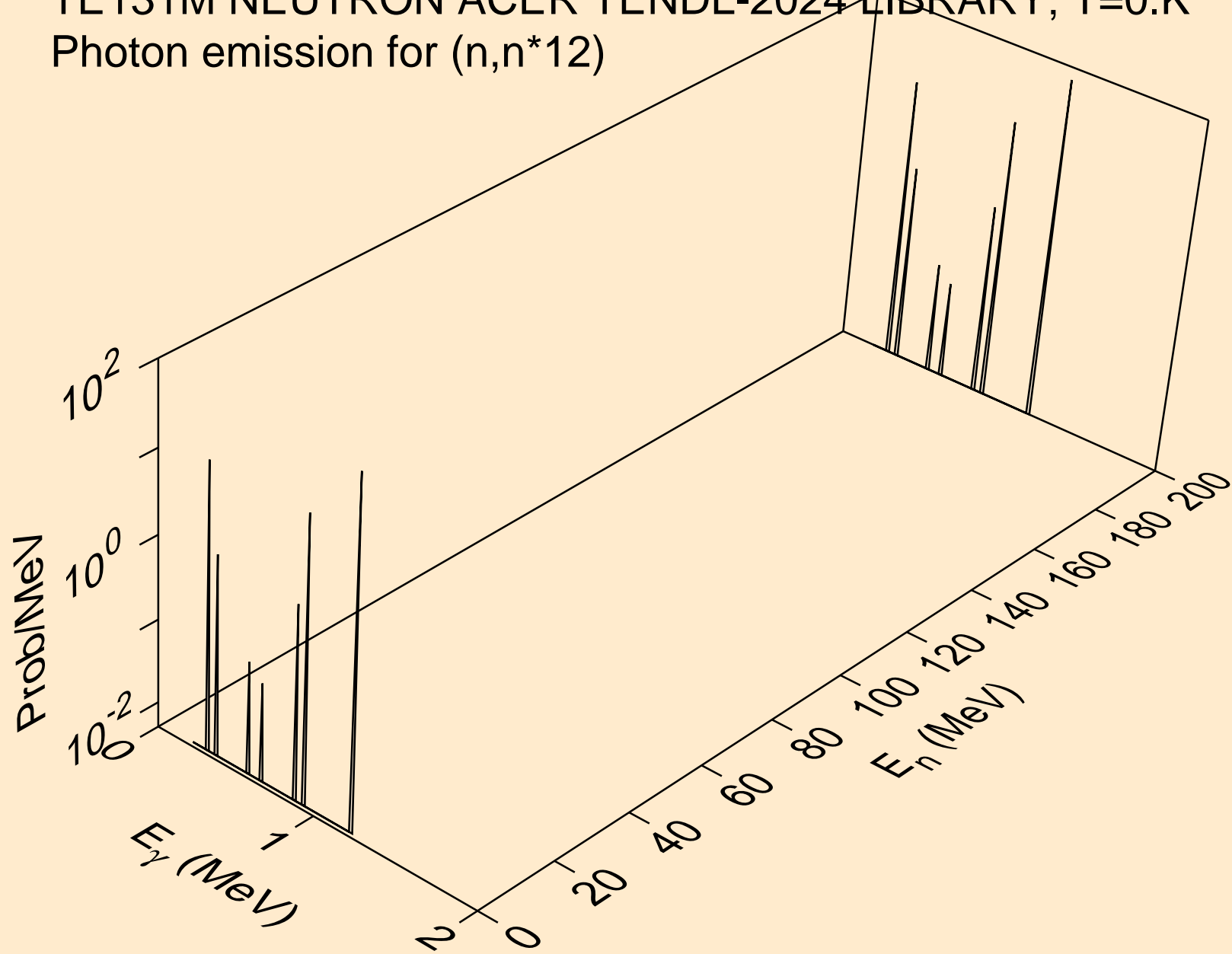
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Photon emission for (n,n\*10)



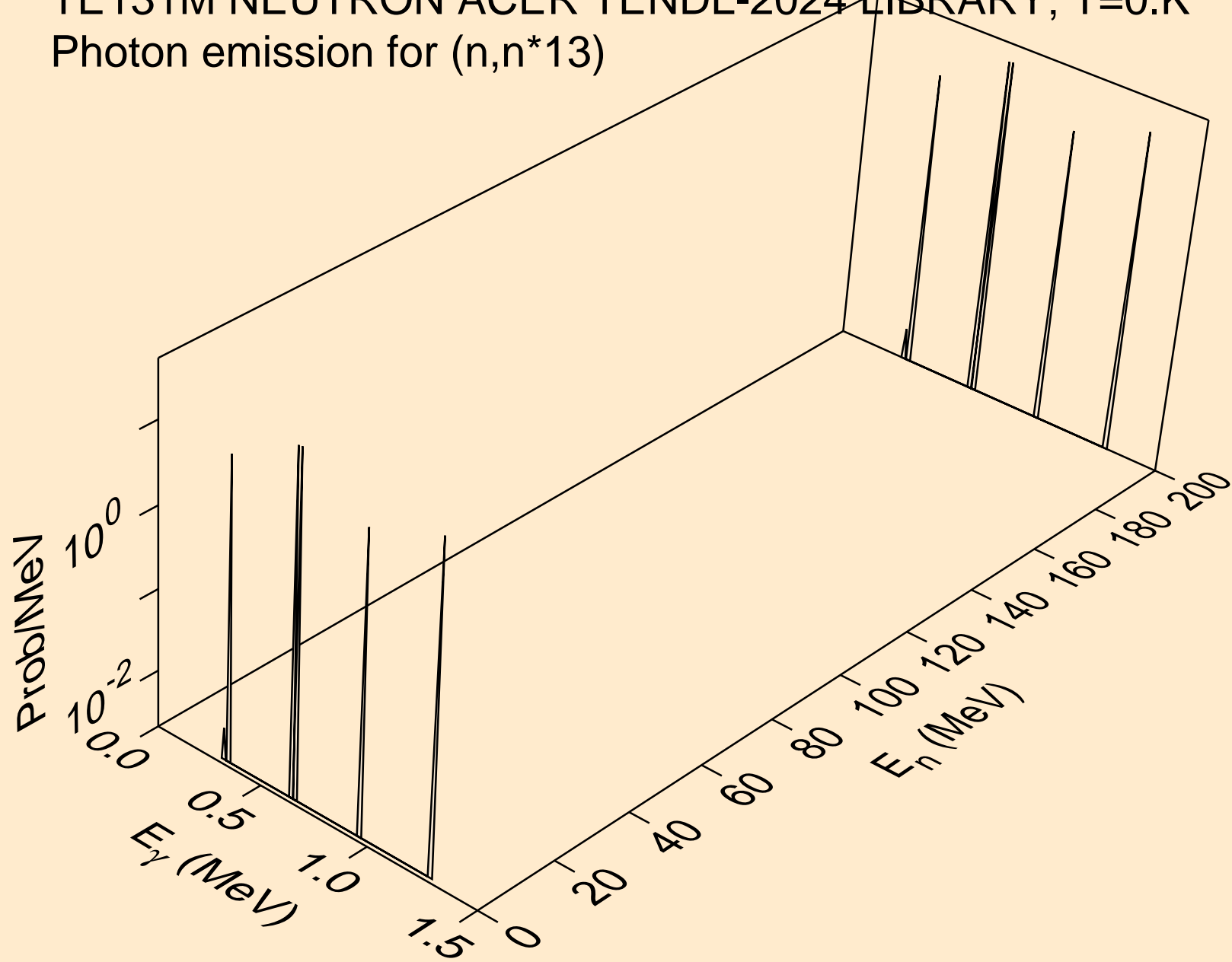
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Photon emission for (n,n\*11)



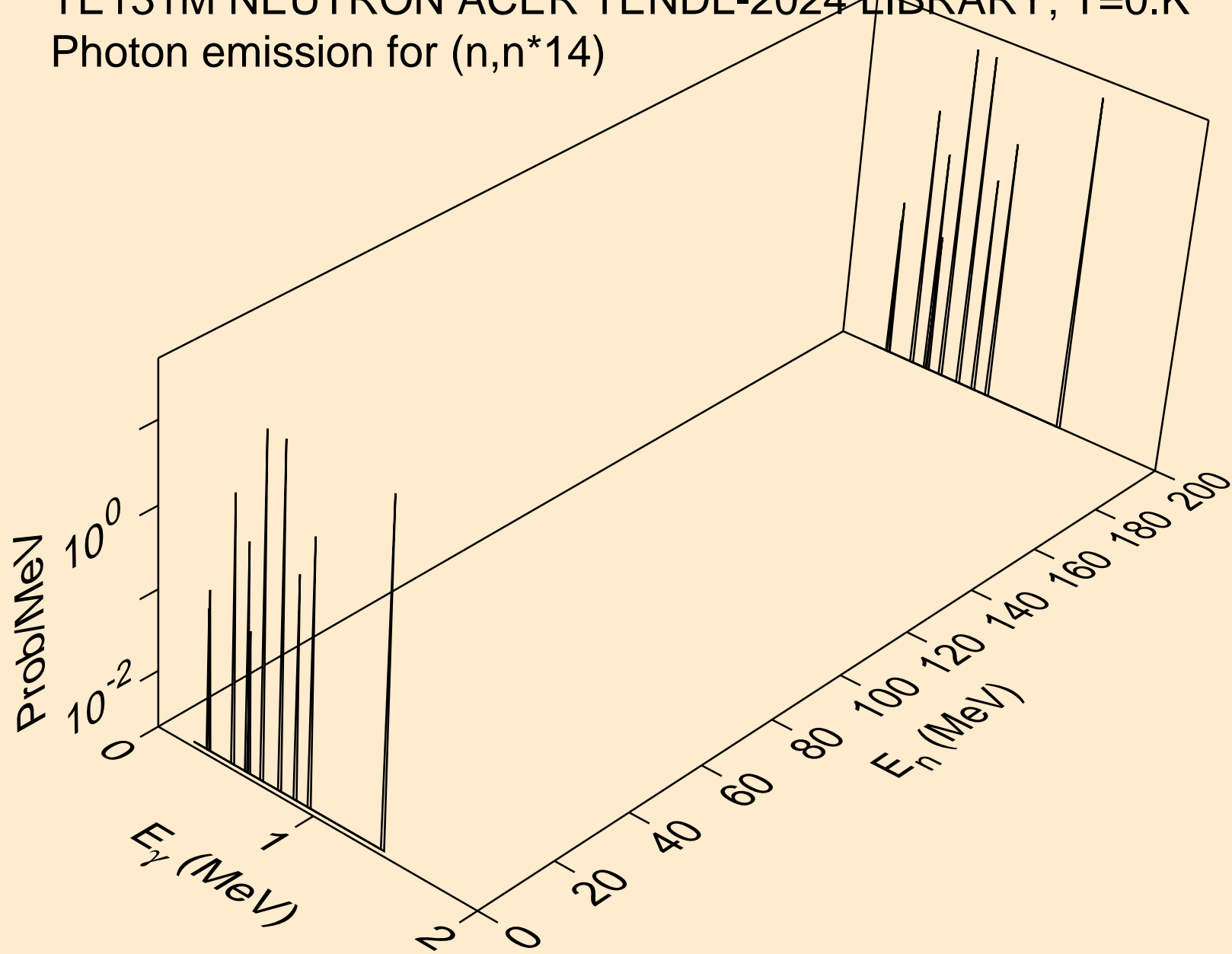
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Photon emission for (n,n\*12)



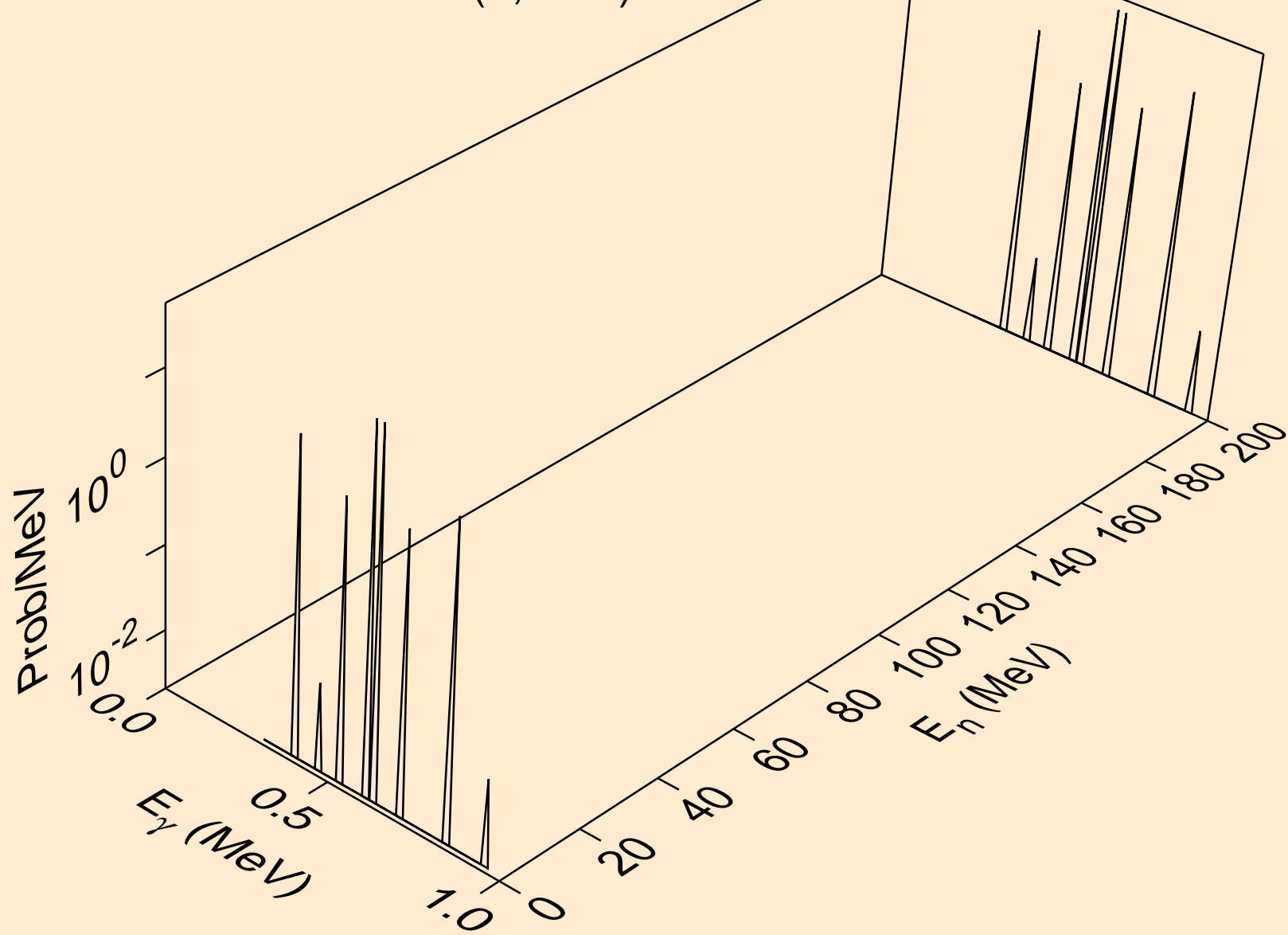
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Photon emission for (n,n\*13)



TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*14)

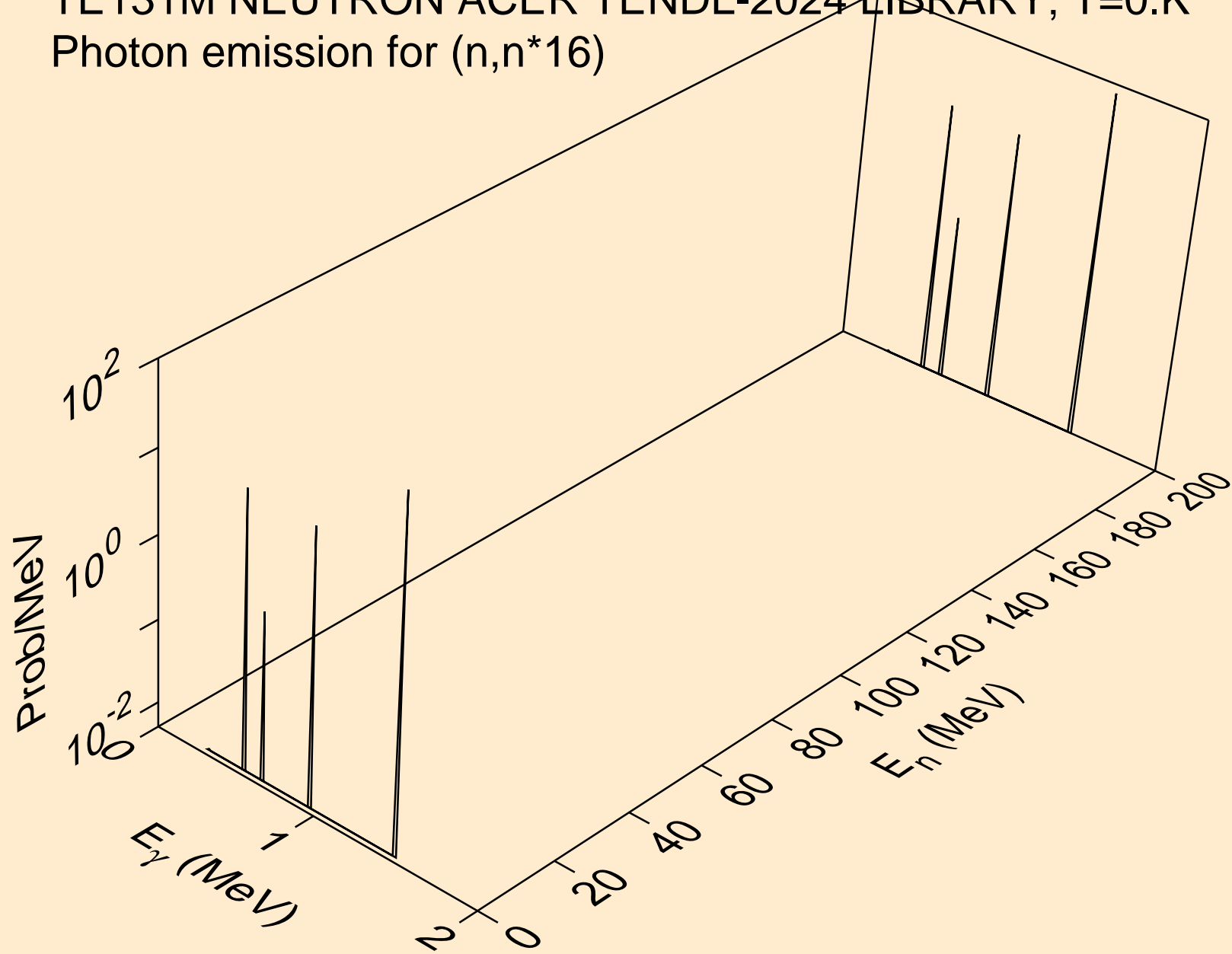


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Photon emission for (n,n\*15)

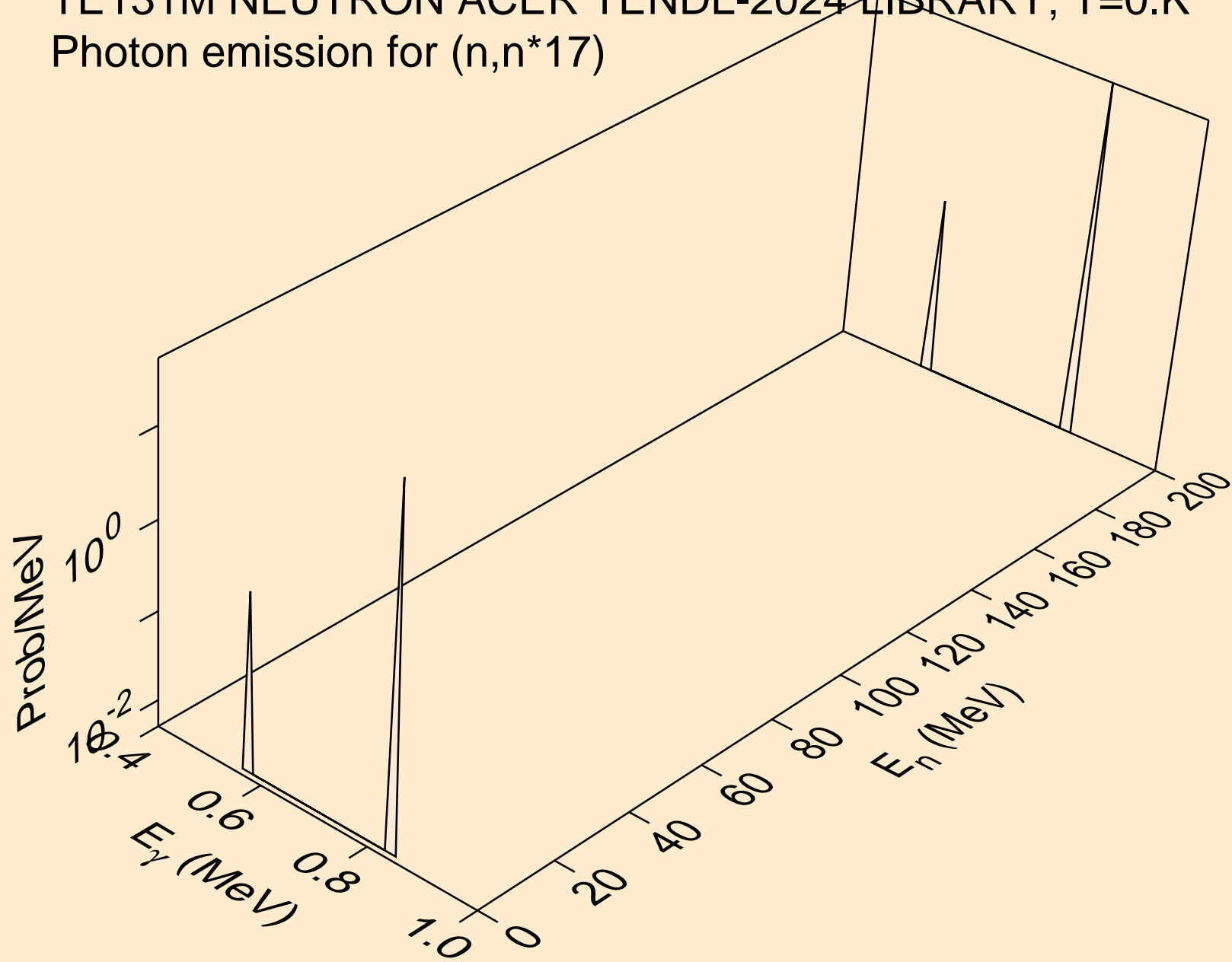




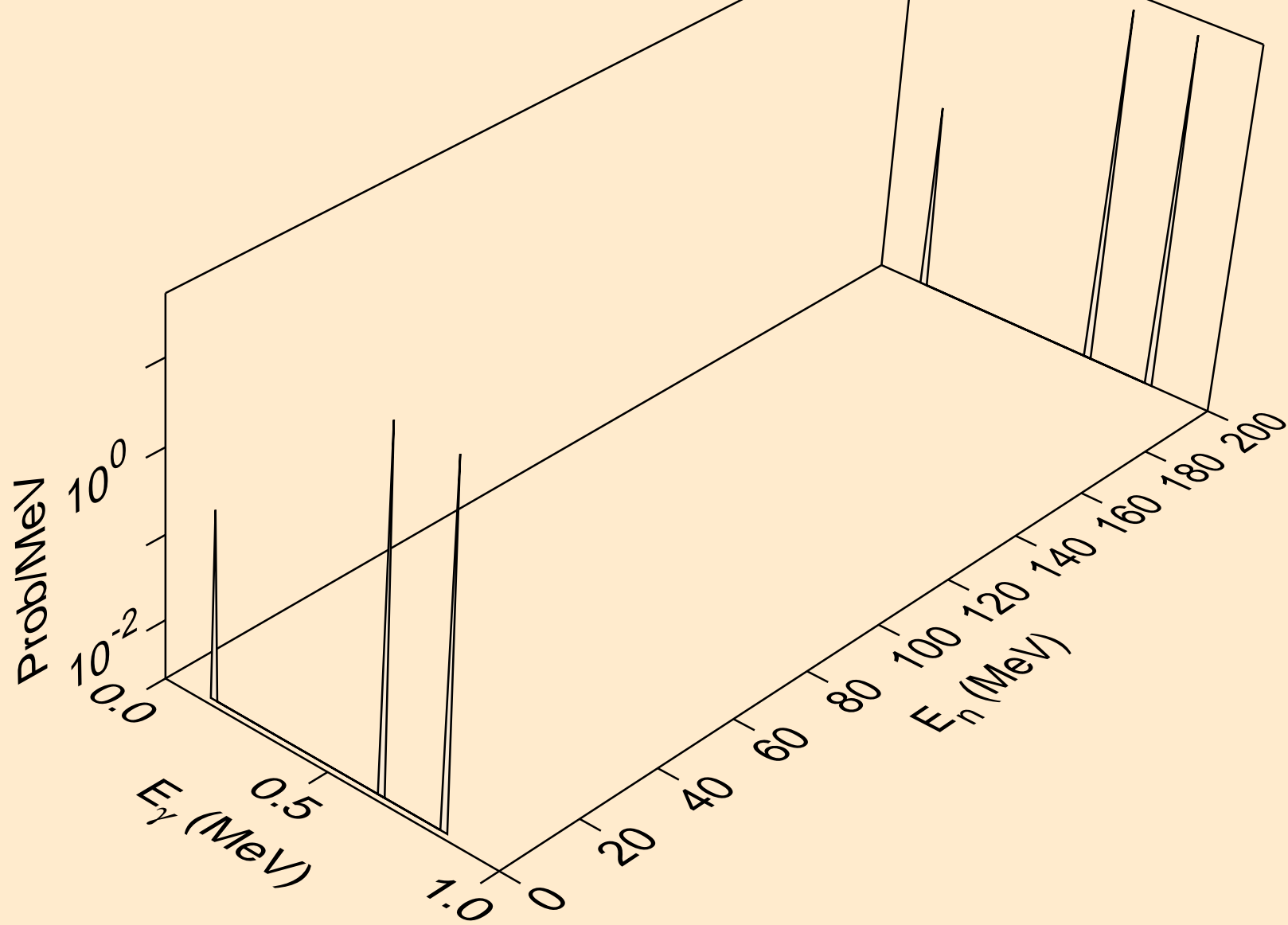
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Photon emission for (n,n\*16)



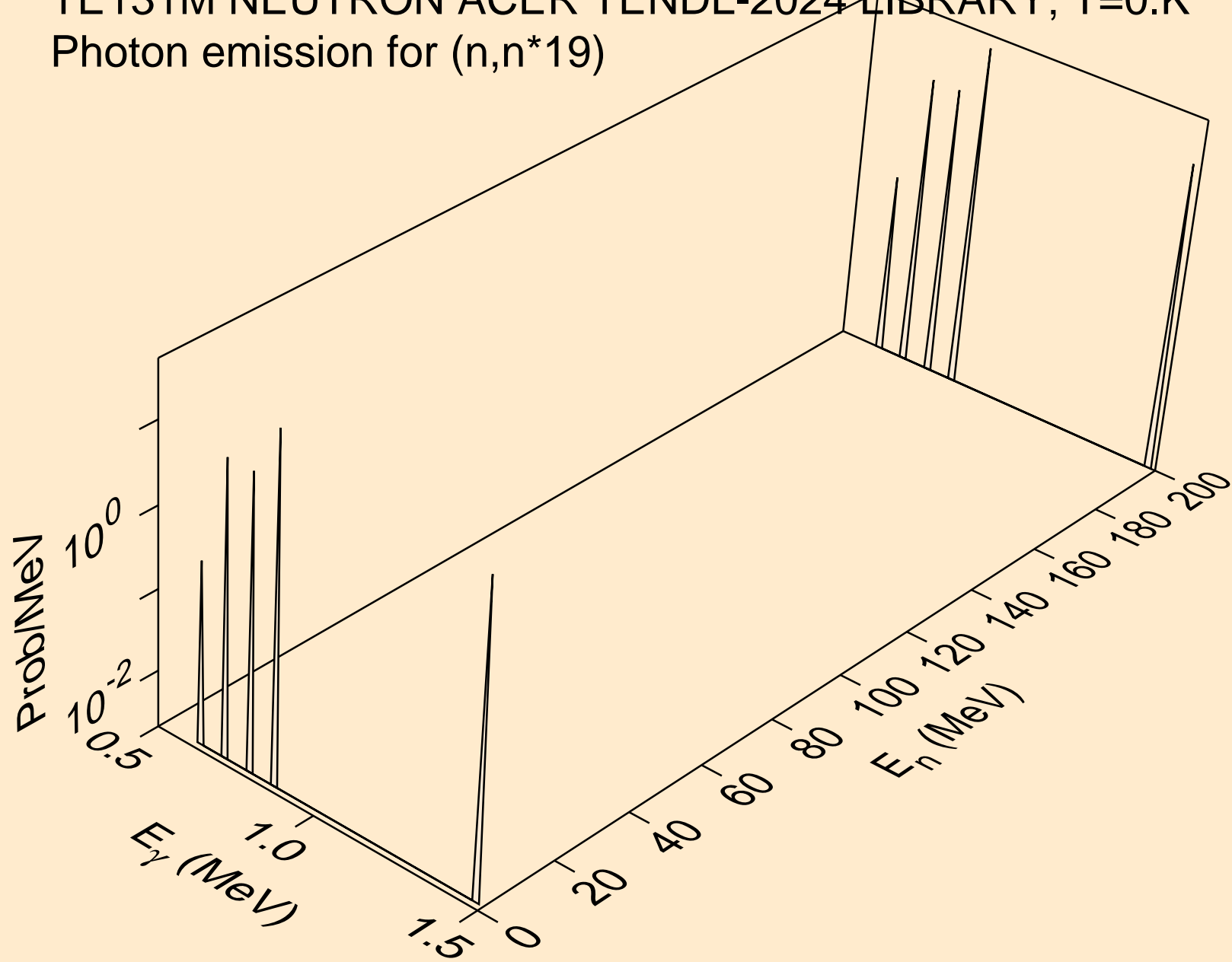
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Photon emission for (n,n\*17)



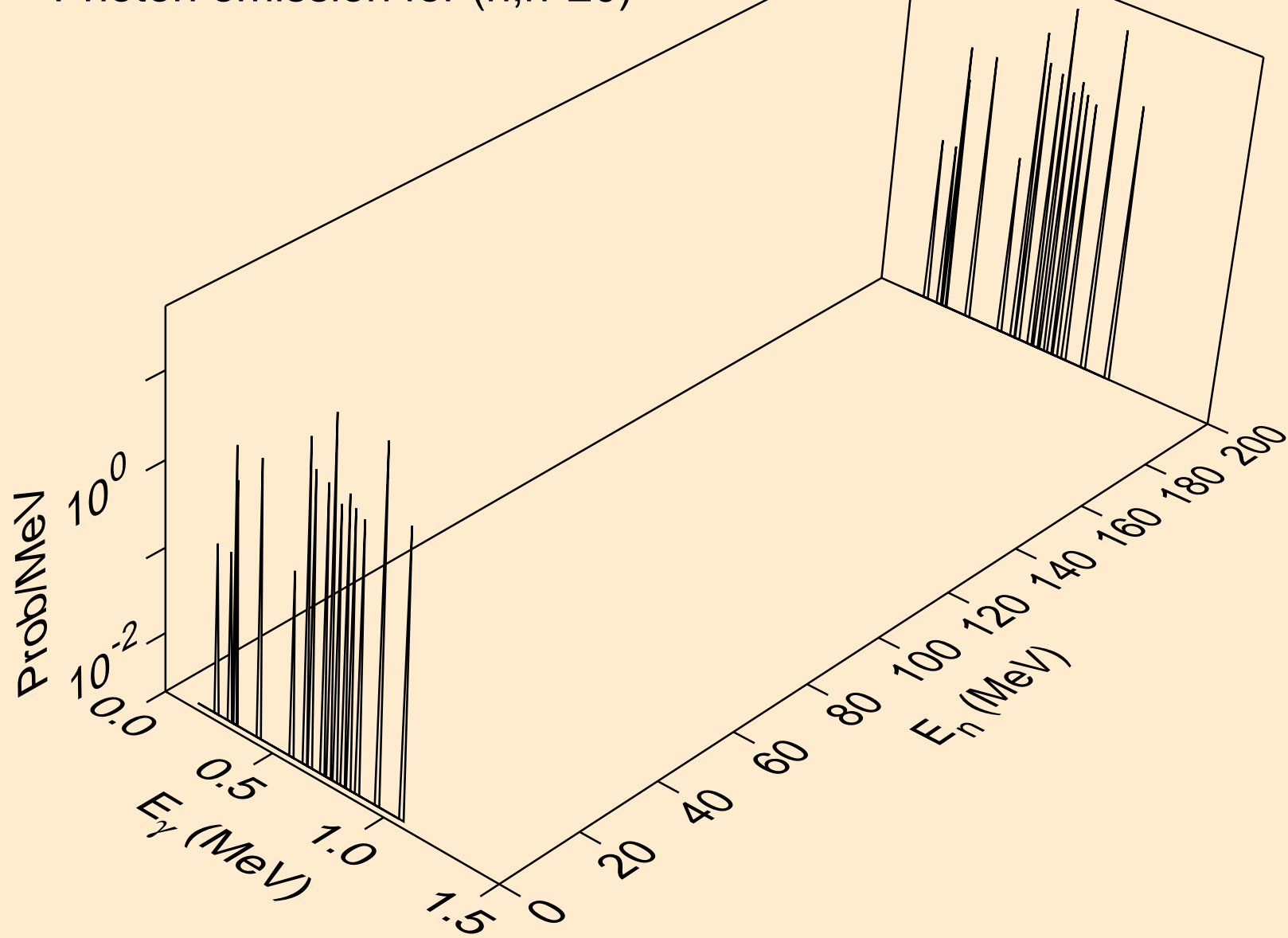
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Photon emission for (n,n\*18)



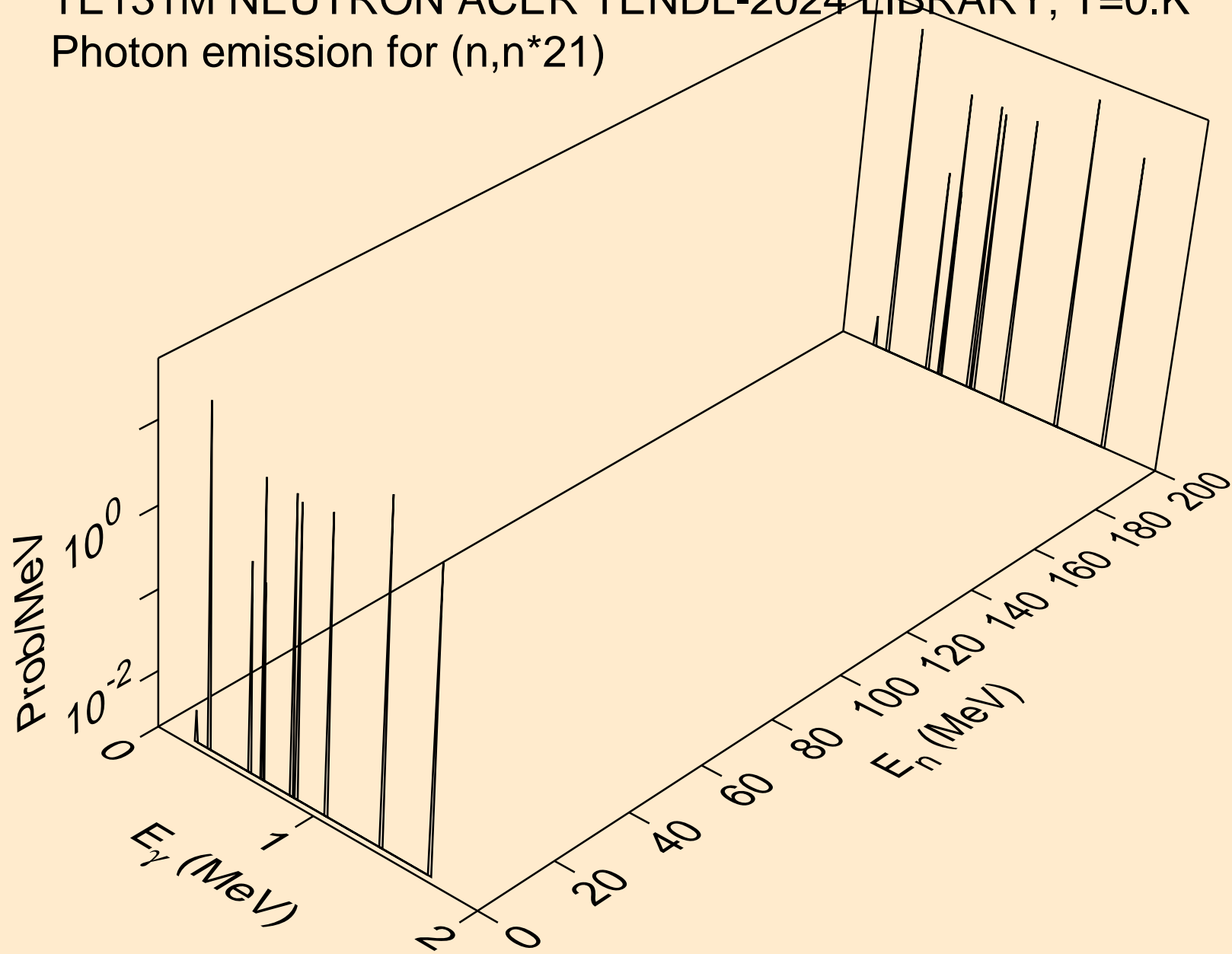
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Photon emission for (n,n\*19)



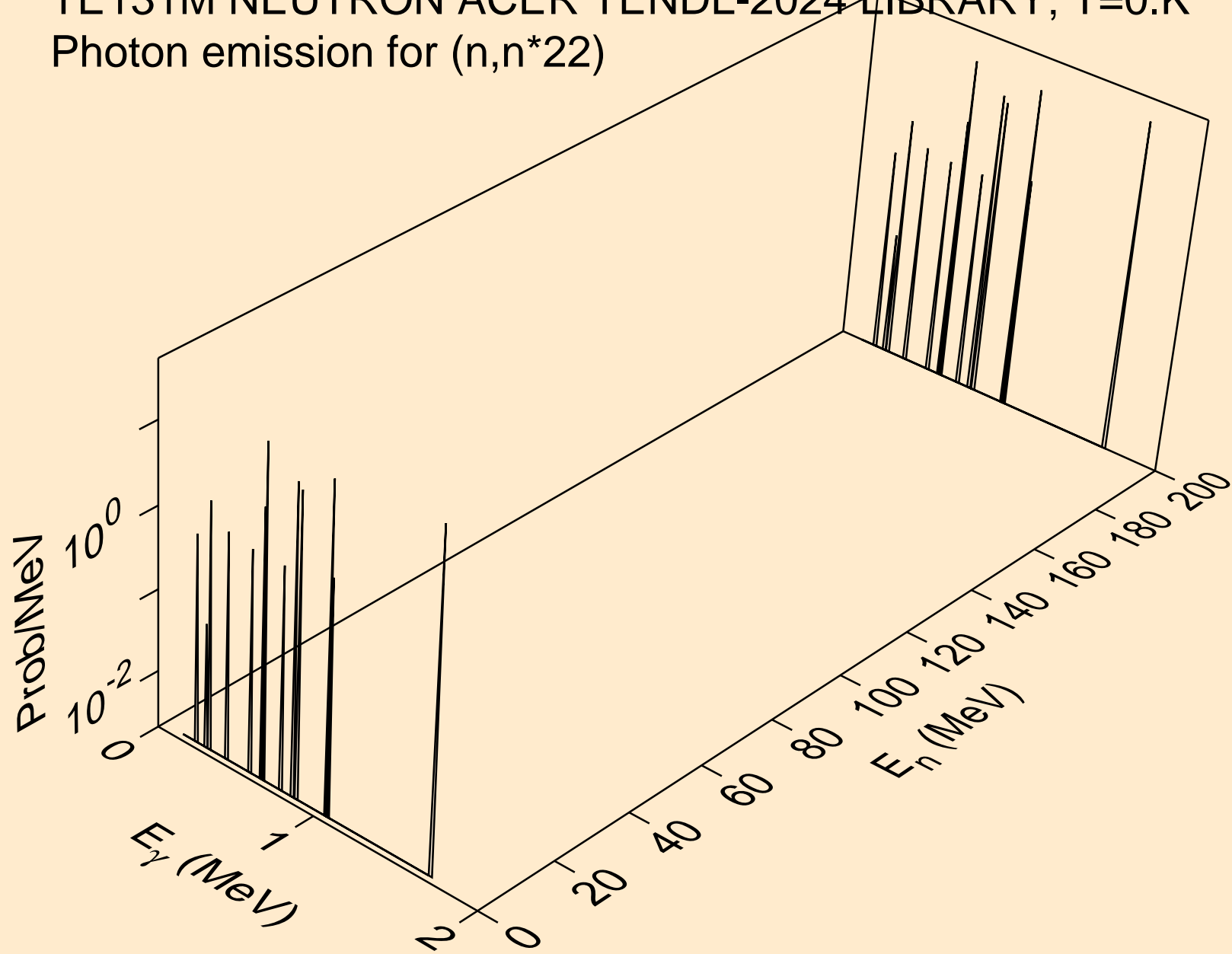
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Photon emission for (n,n\*20)



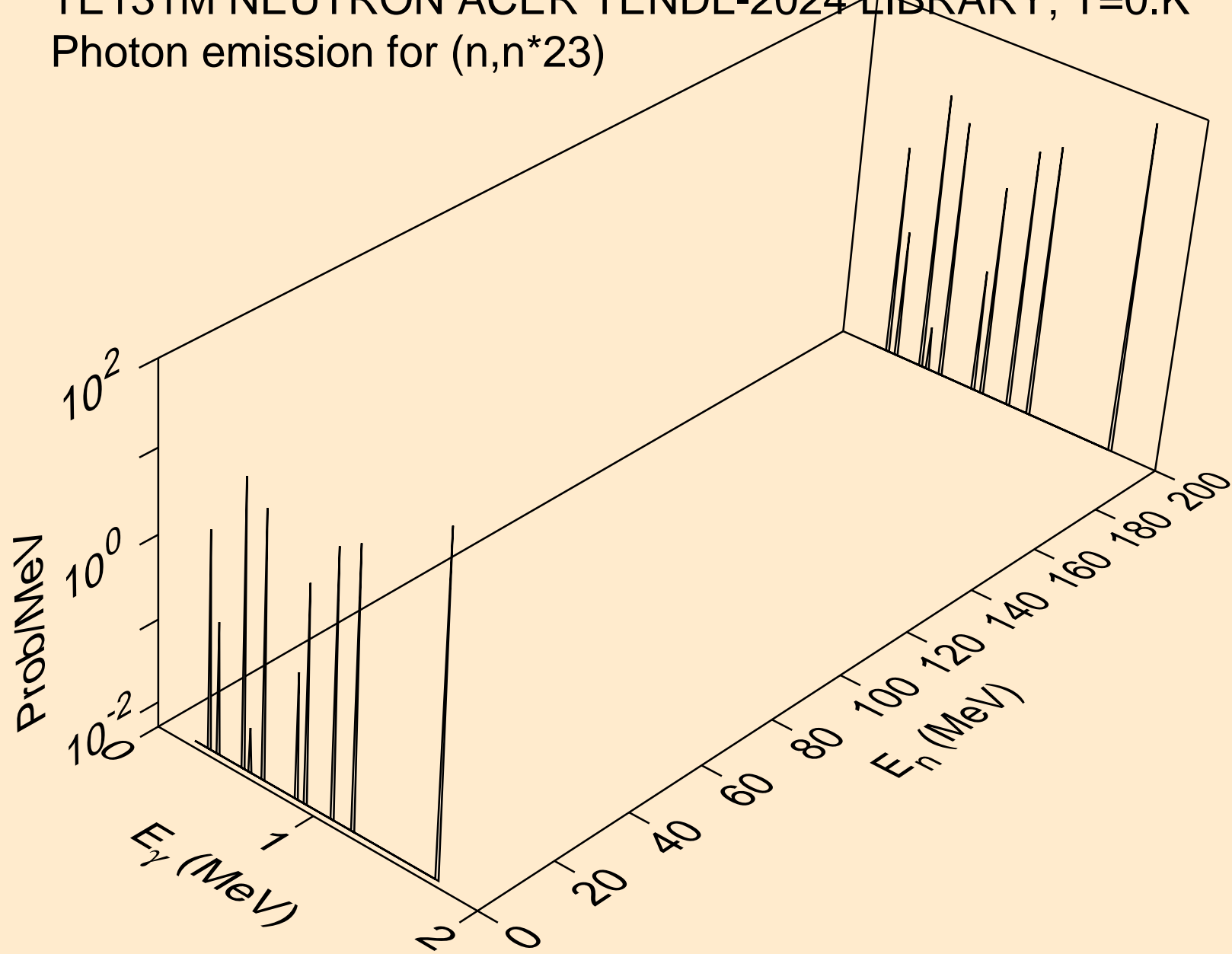
TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*21)



TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*22)

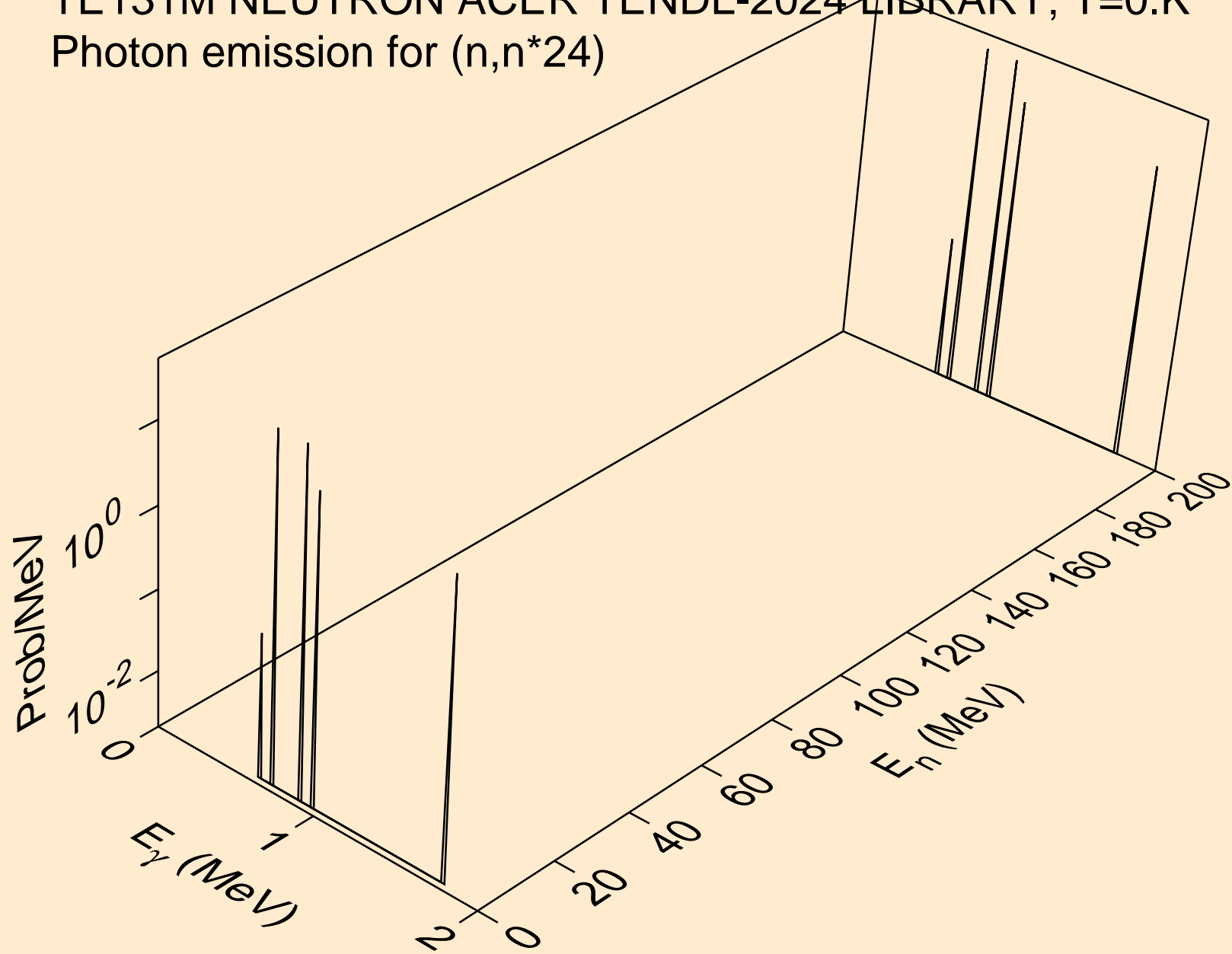


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Photon emission for (n,n\*23)

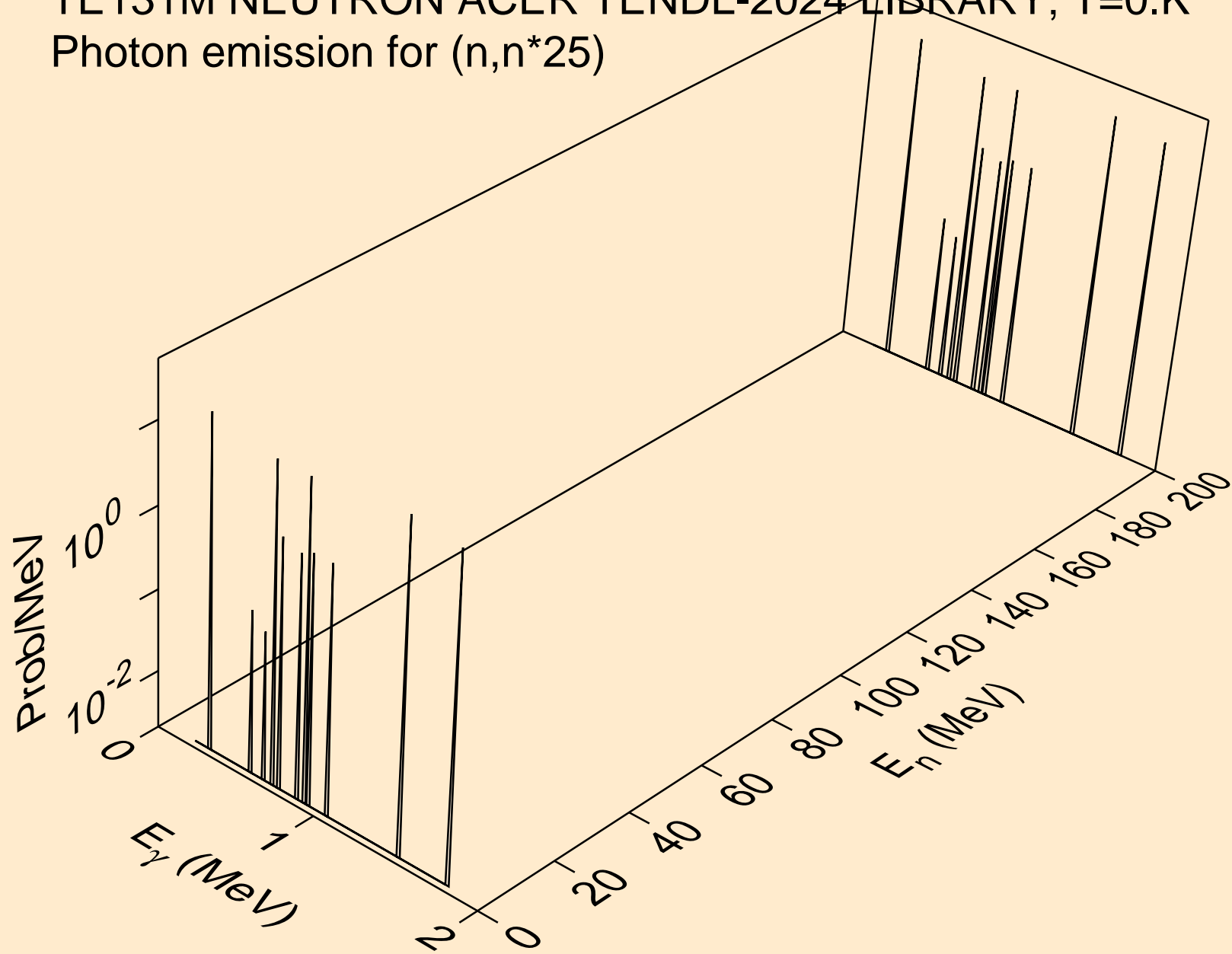




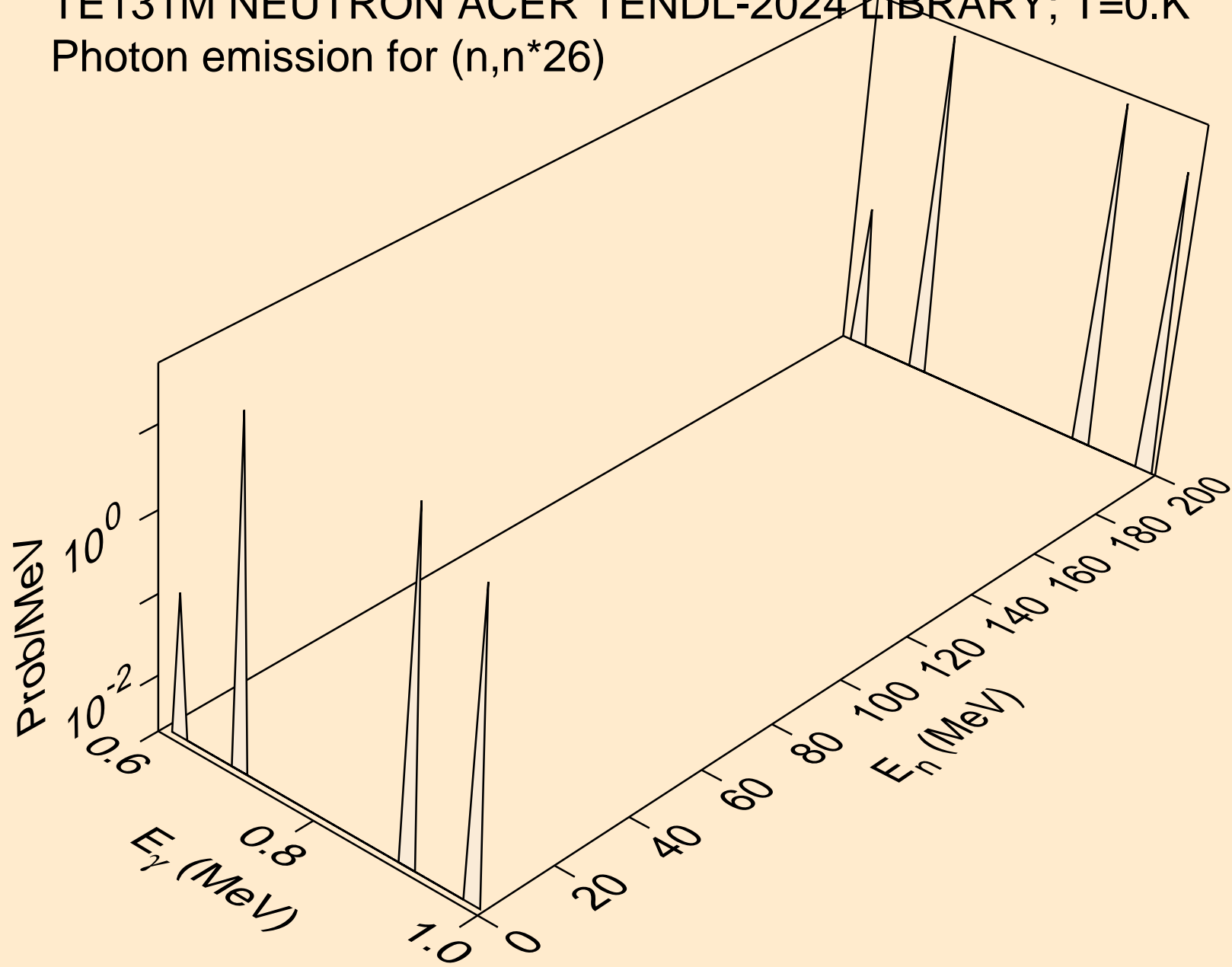
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Photon emission for (n,n\*24)



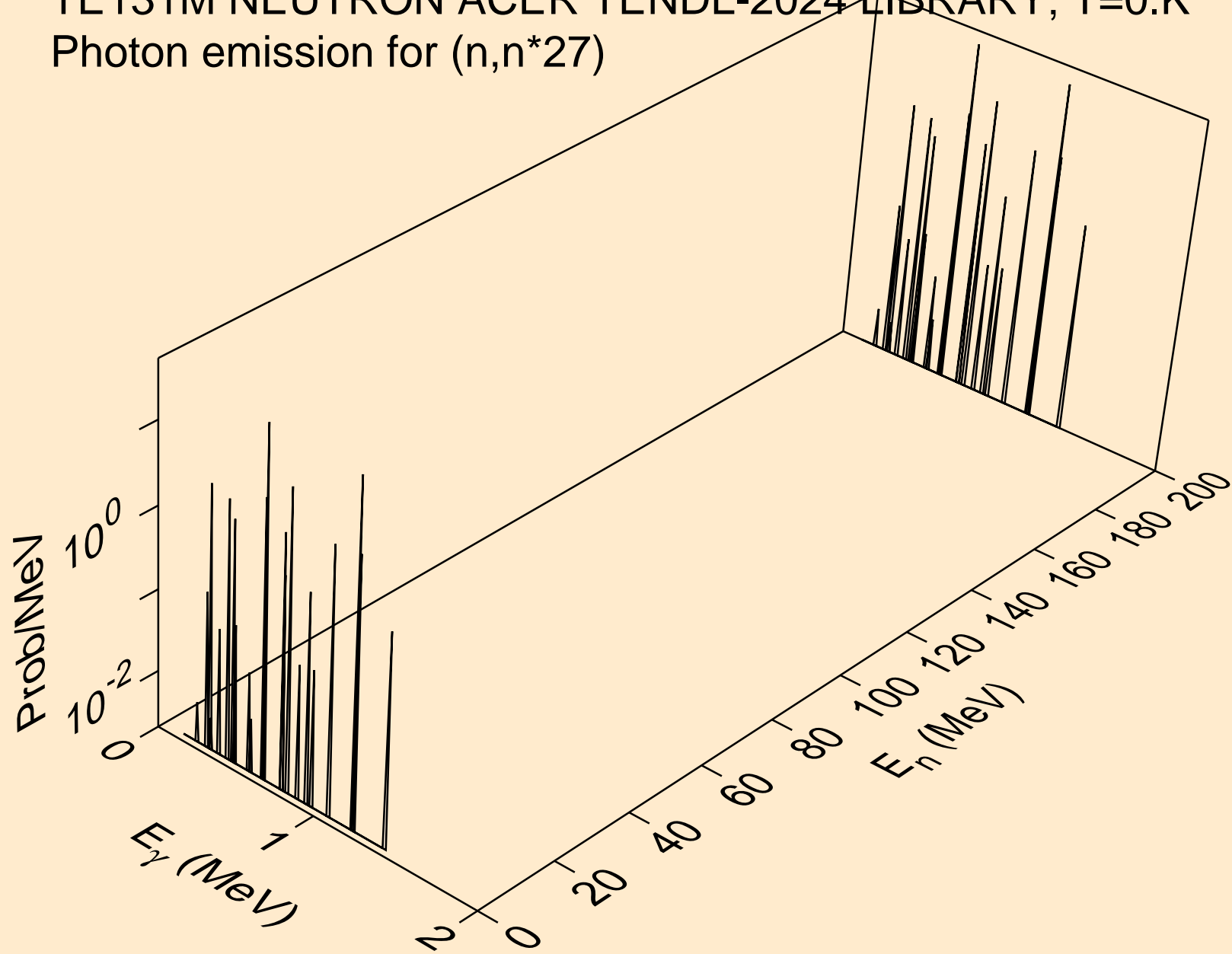
TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*25)



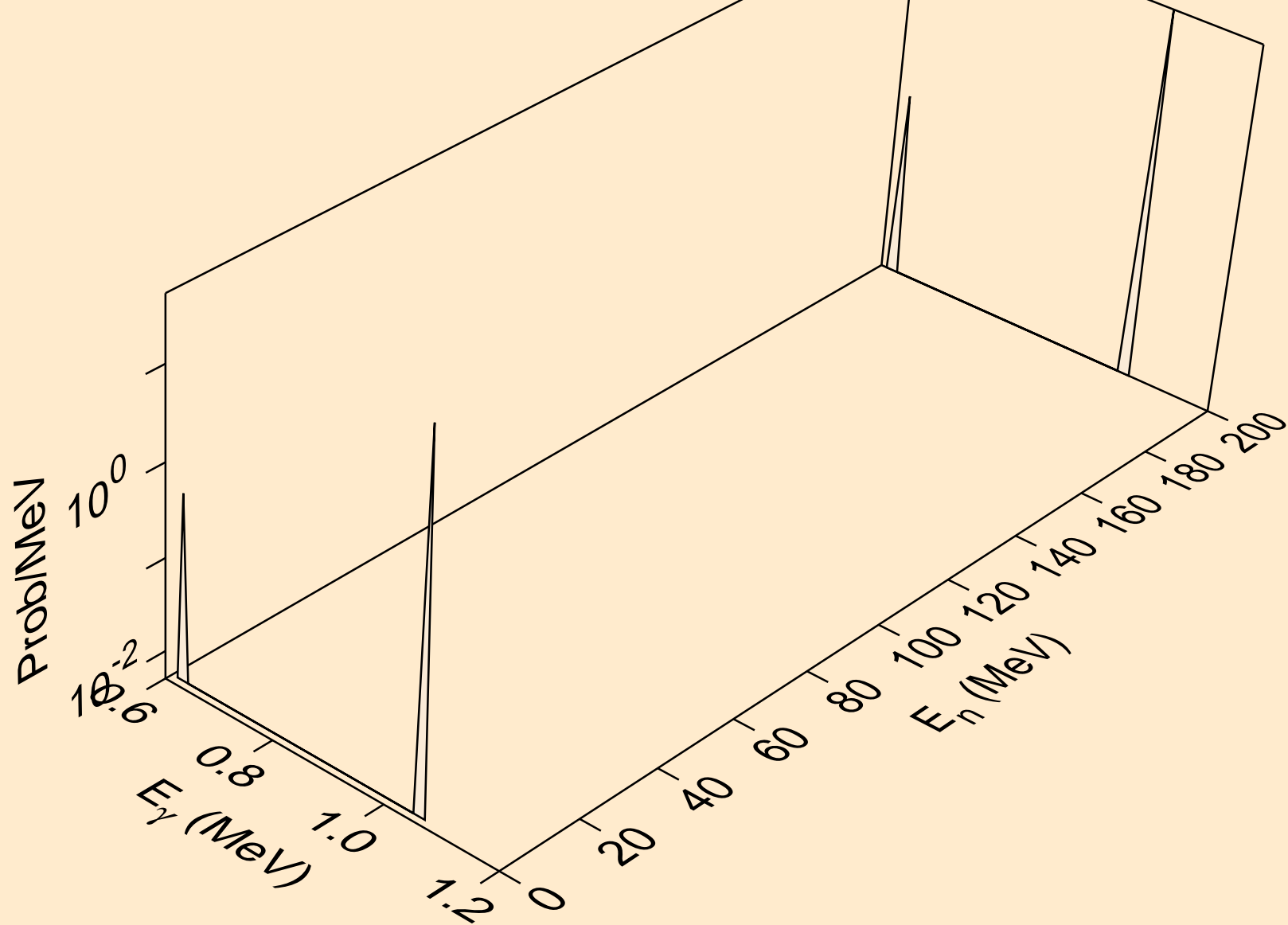
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Photon emission for (n,n\*26)



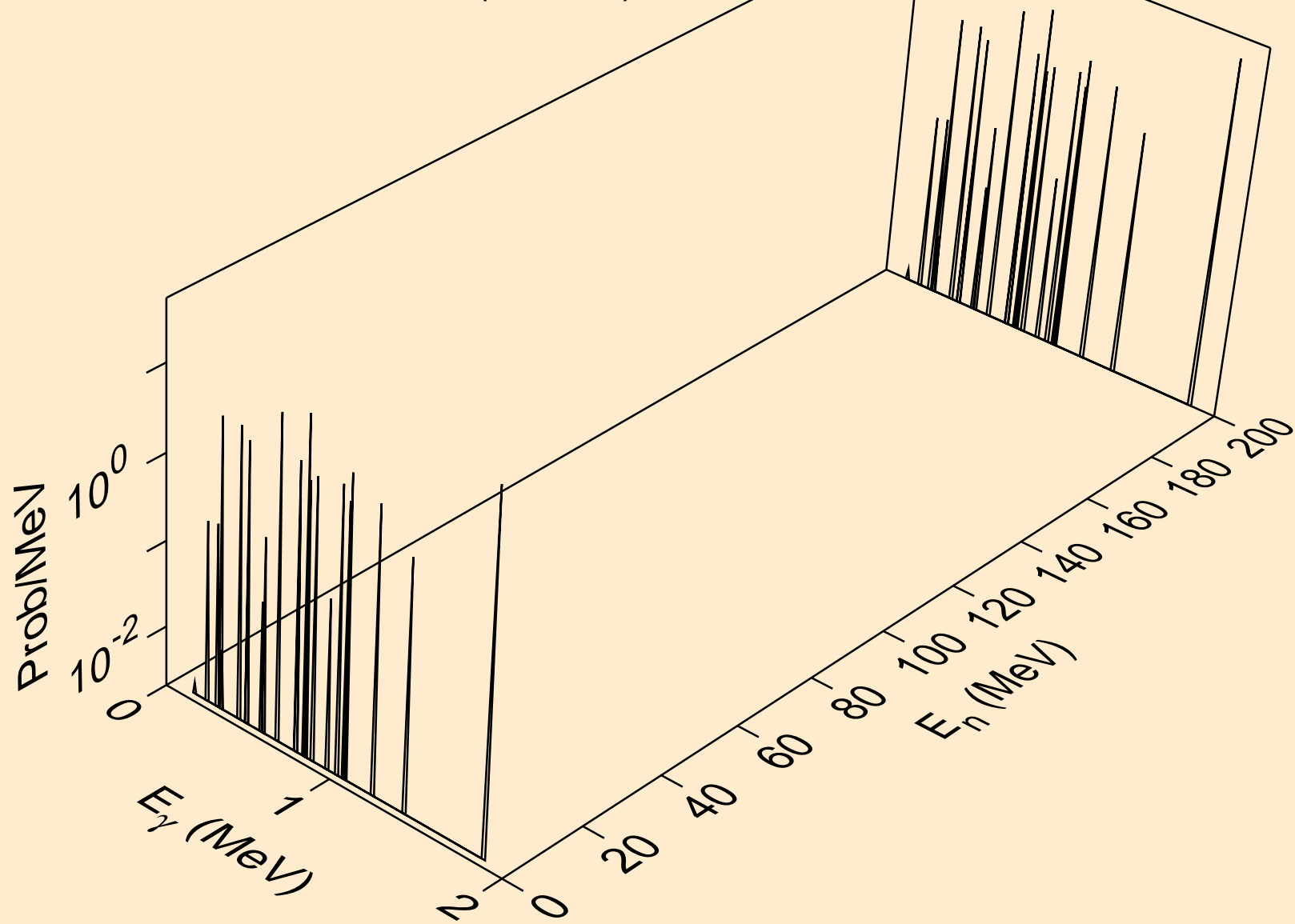
TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*27)



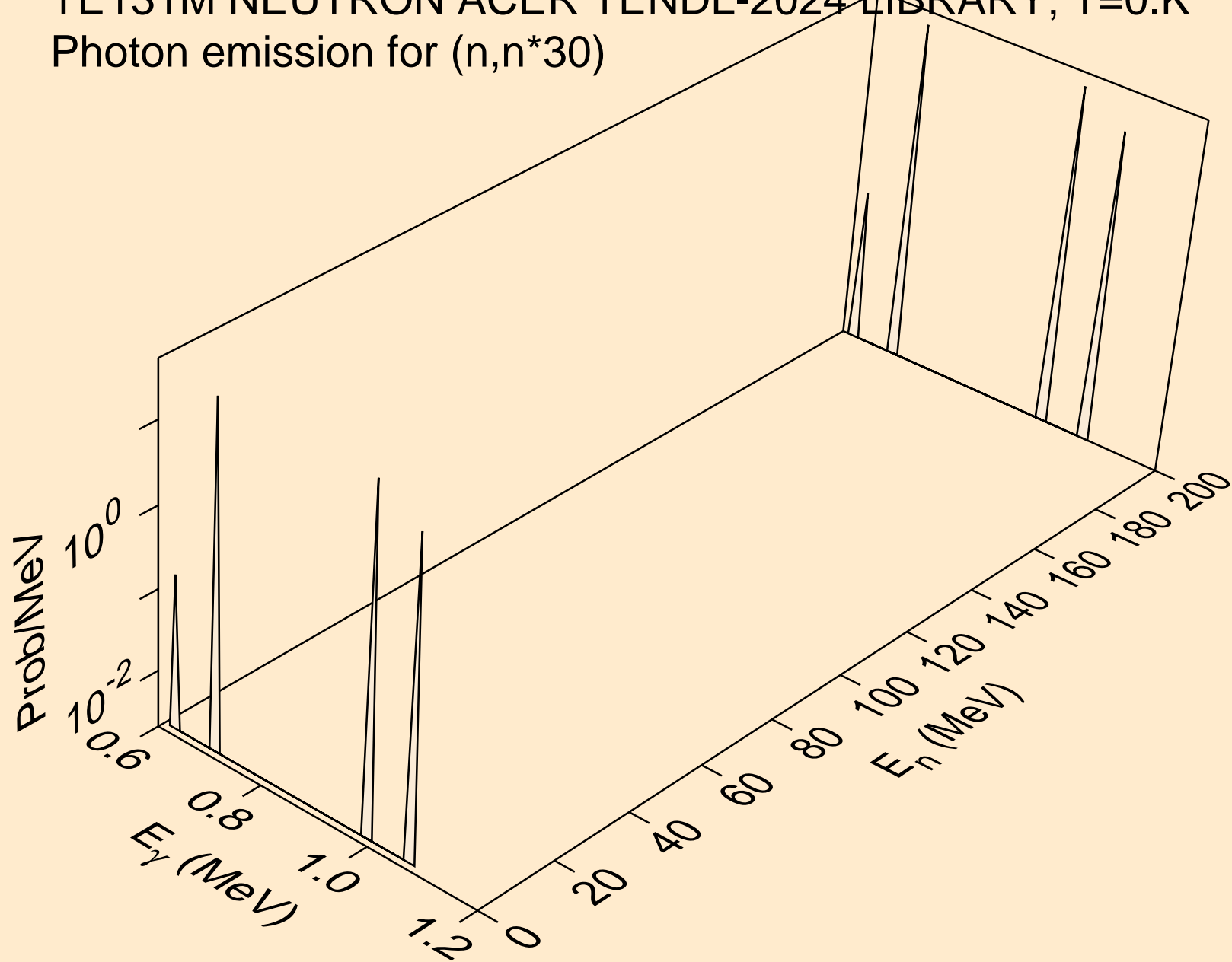
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Photon emission for (n,n\*28)



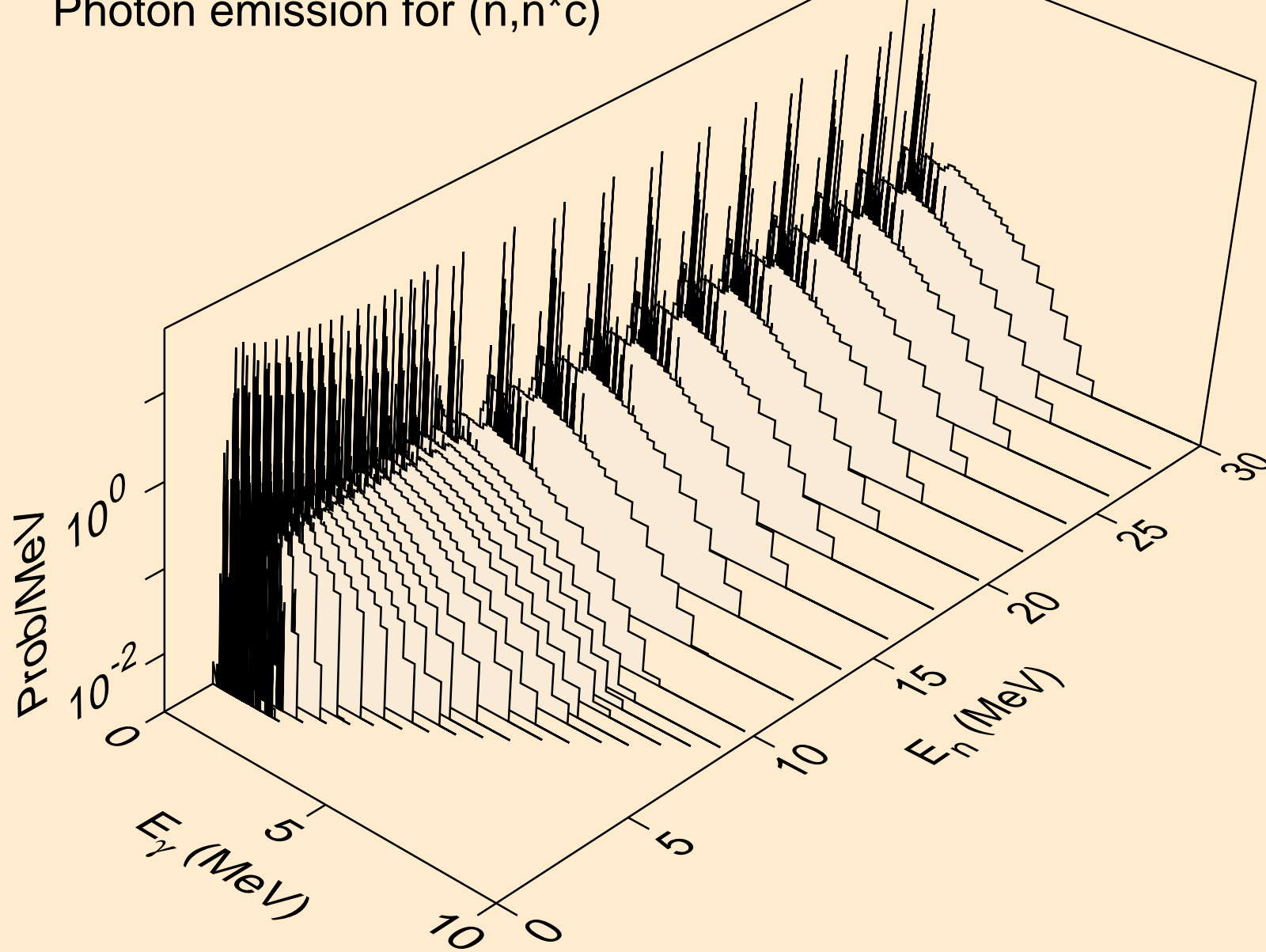
TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*29)



TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*30)

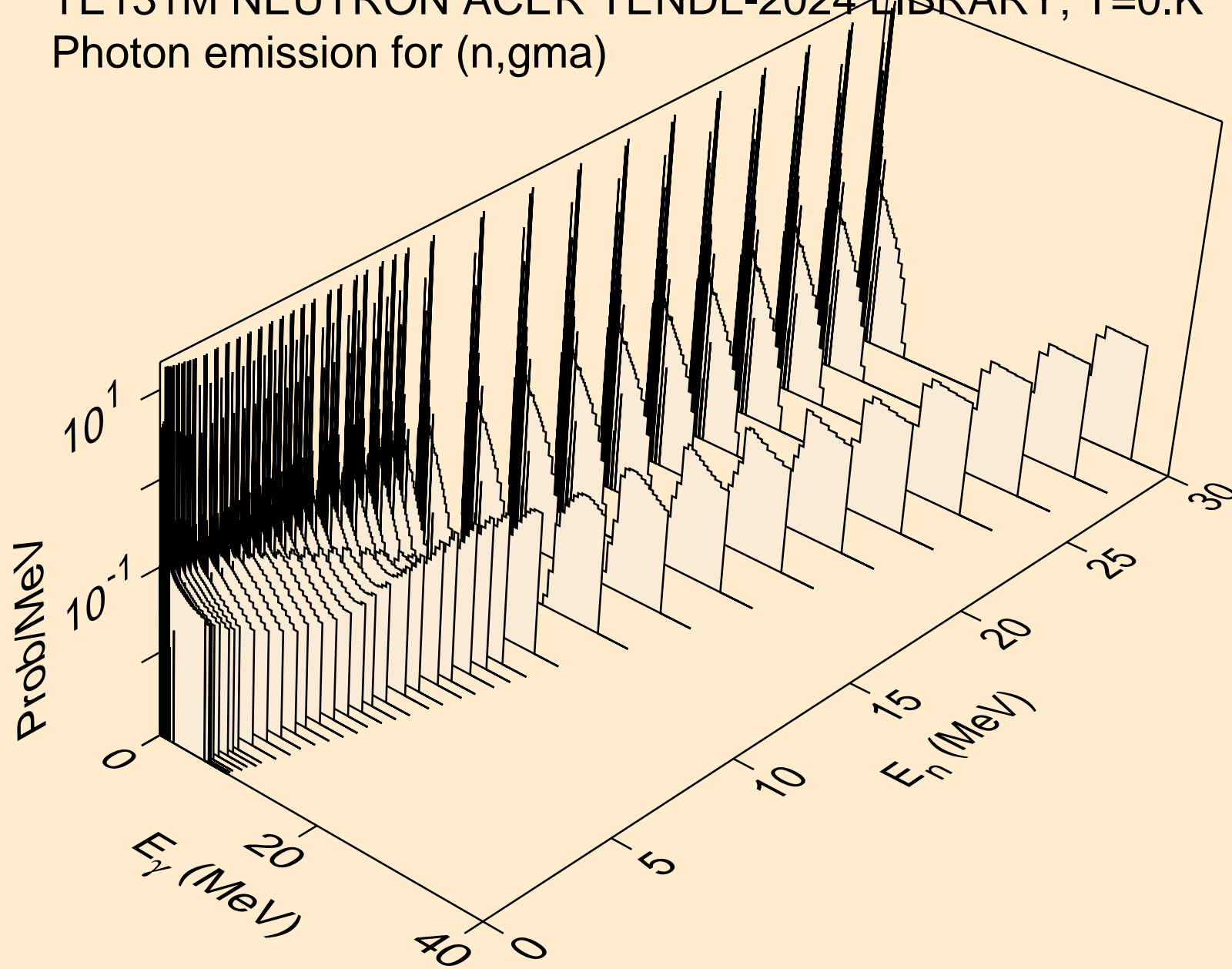


TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)

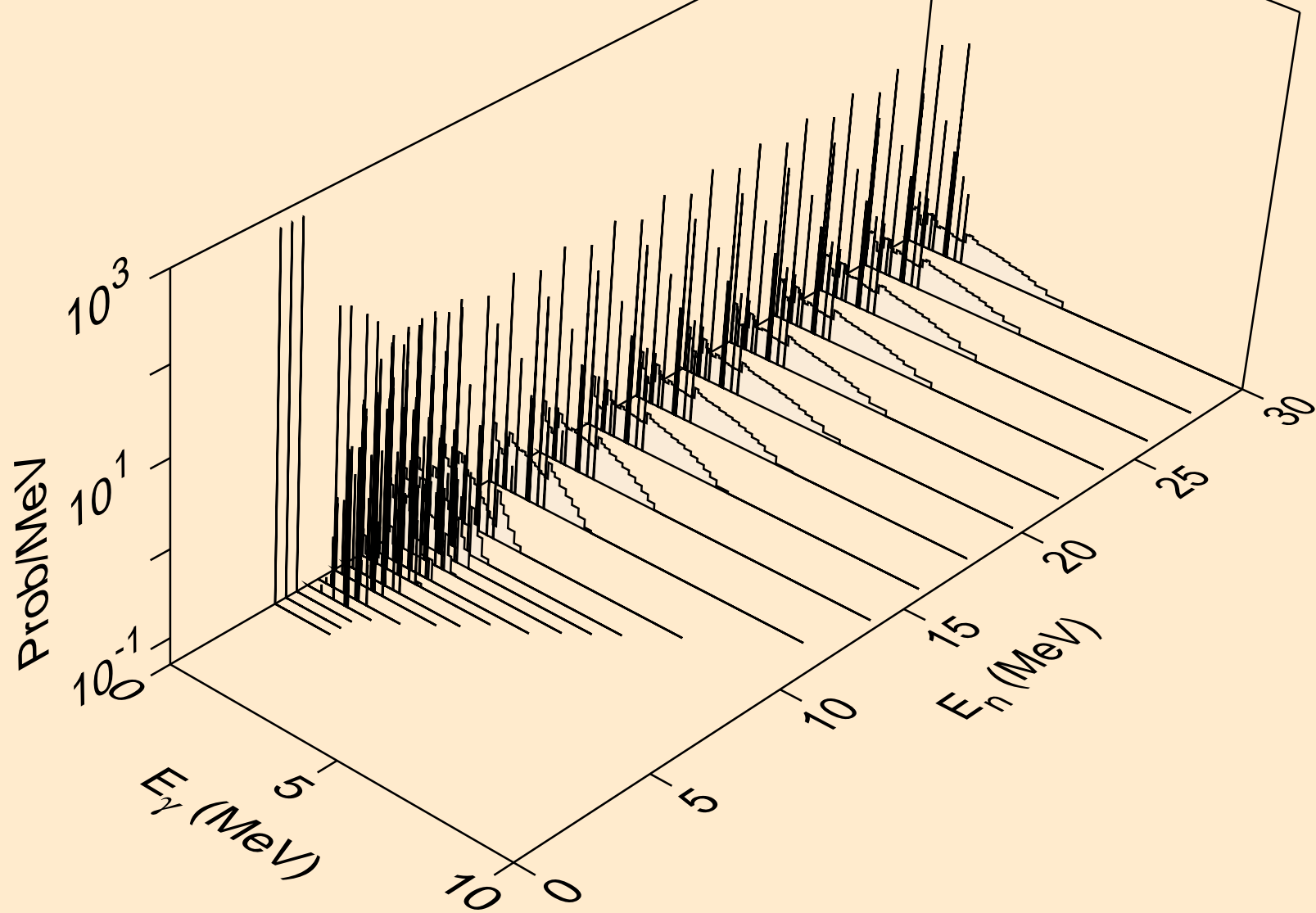




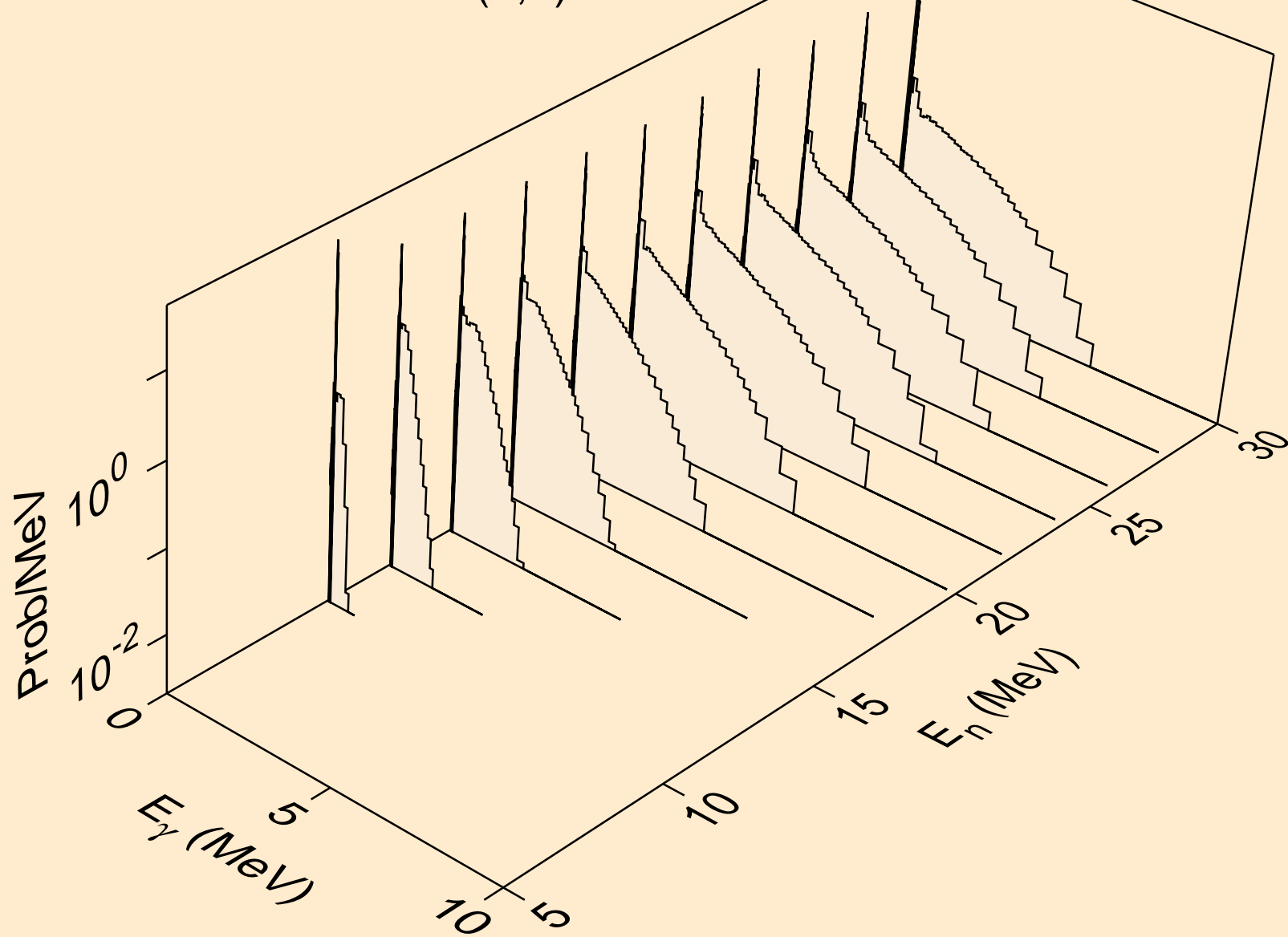
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Photon emission for (n,gma)



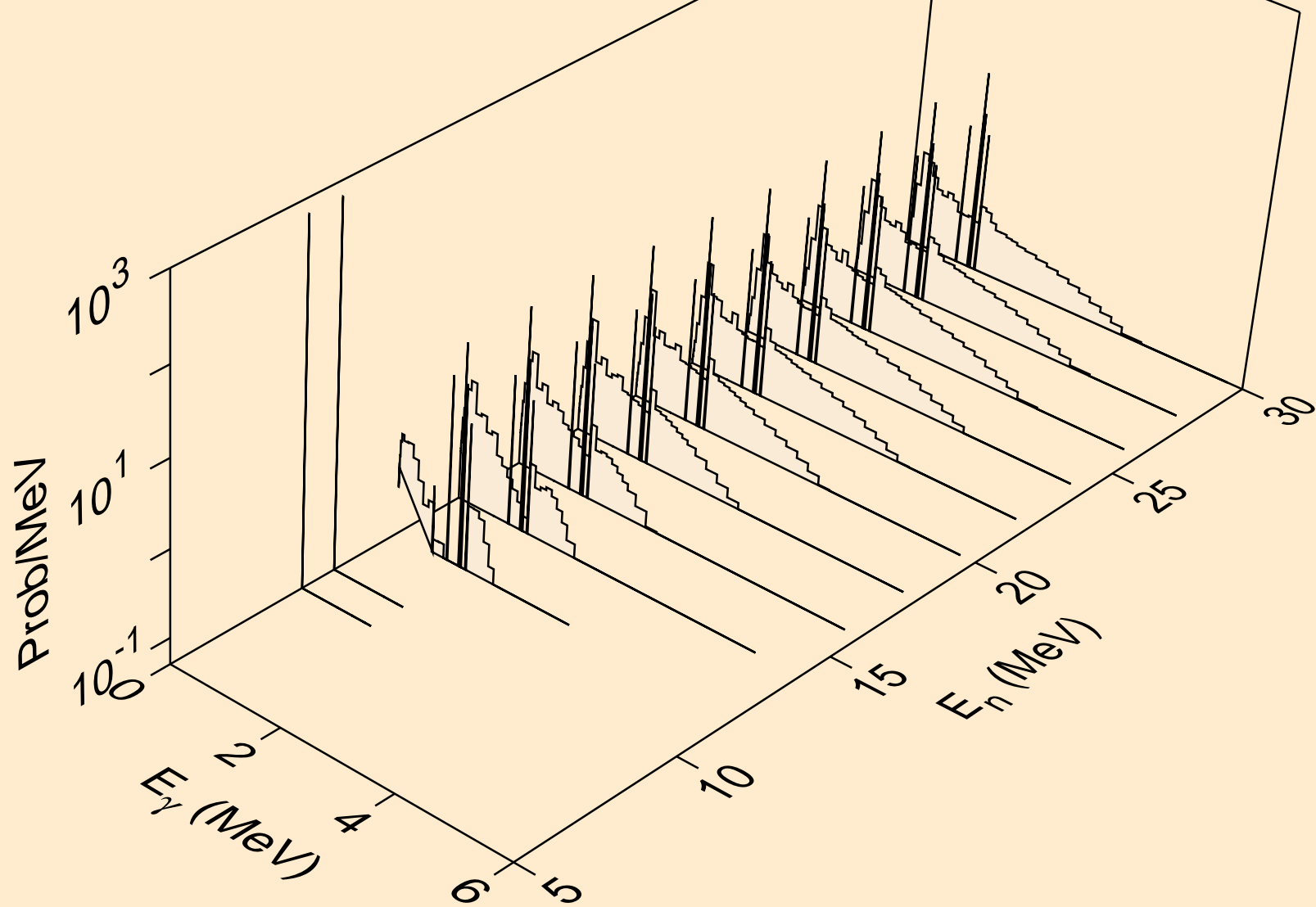
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Photon emission for (n,p)



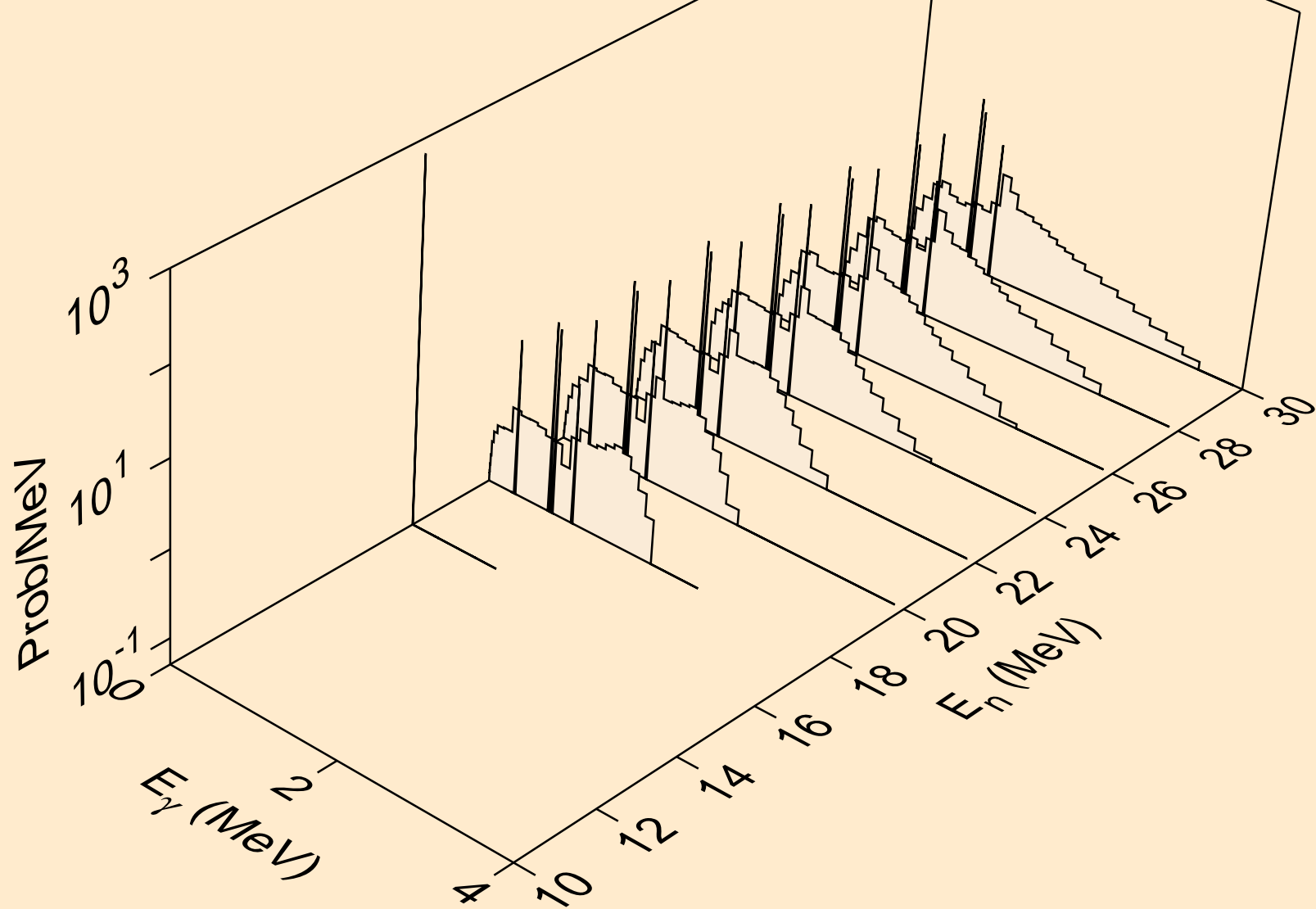
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Photon emission for (n,d)



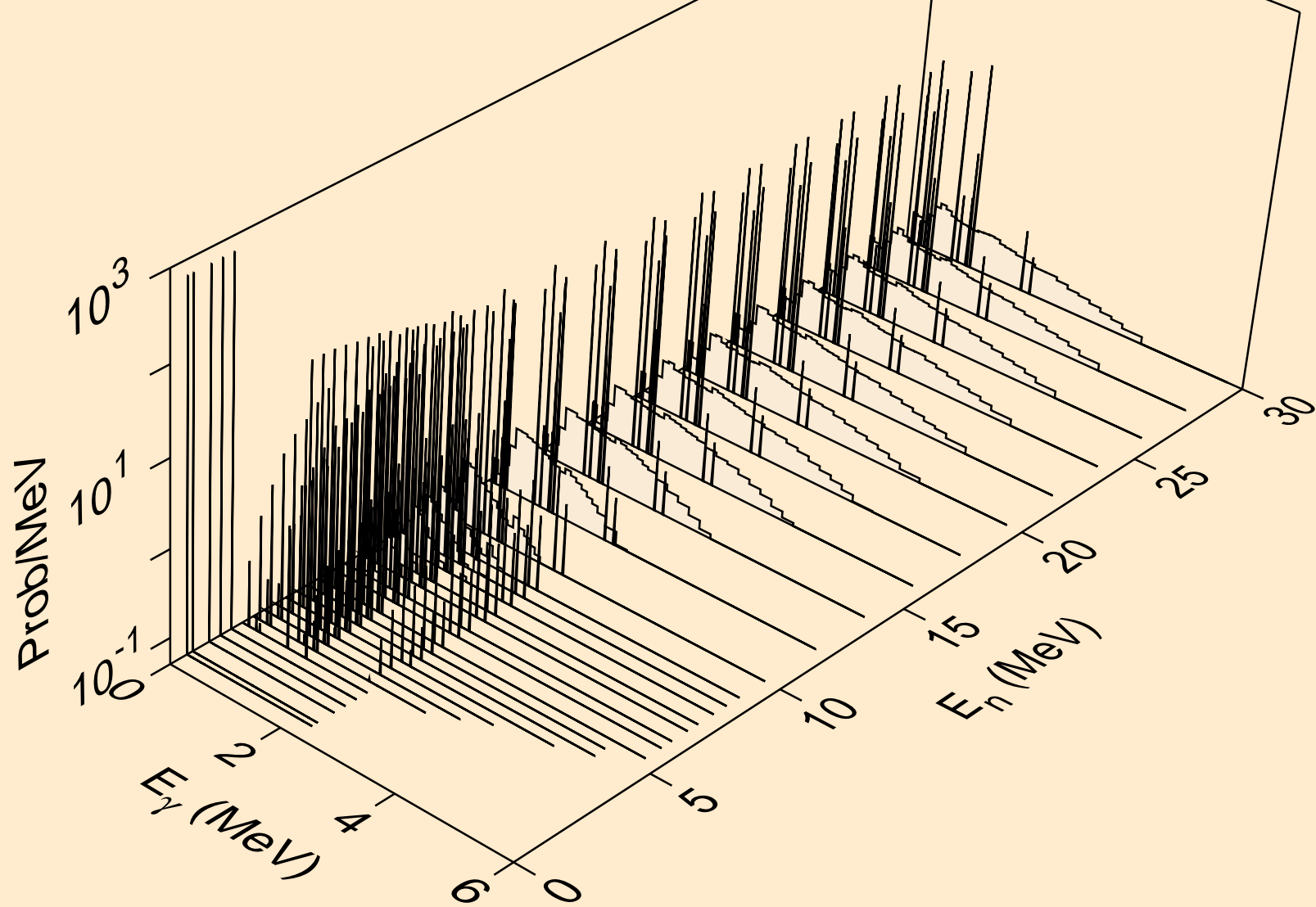
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Photon emission for (n,t)



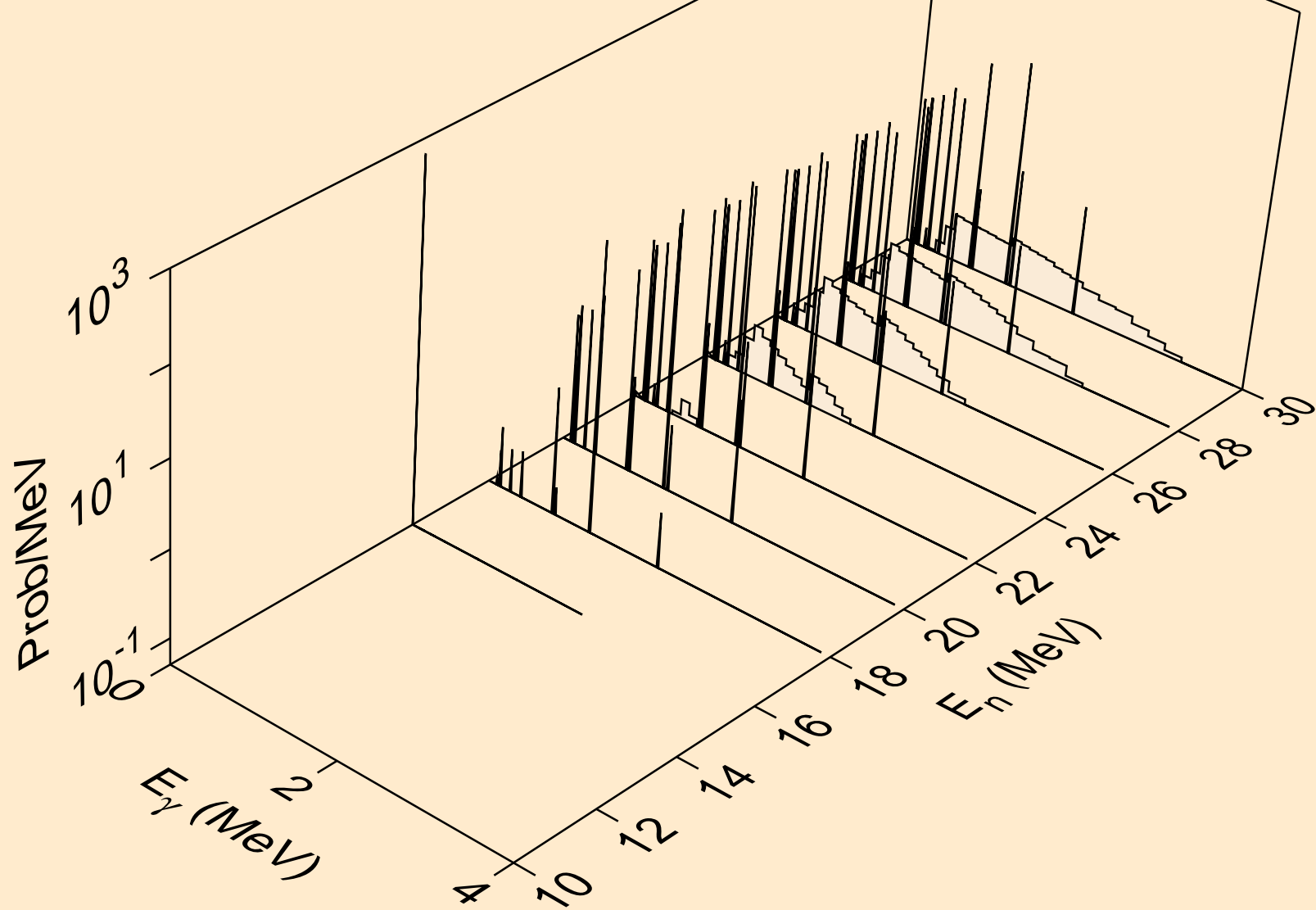
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Photon emission for (n,he3)



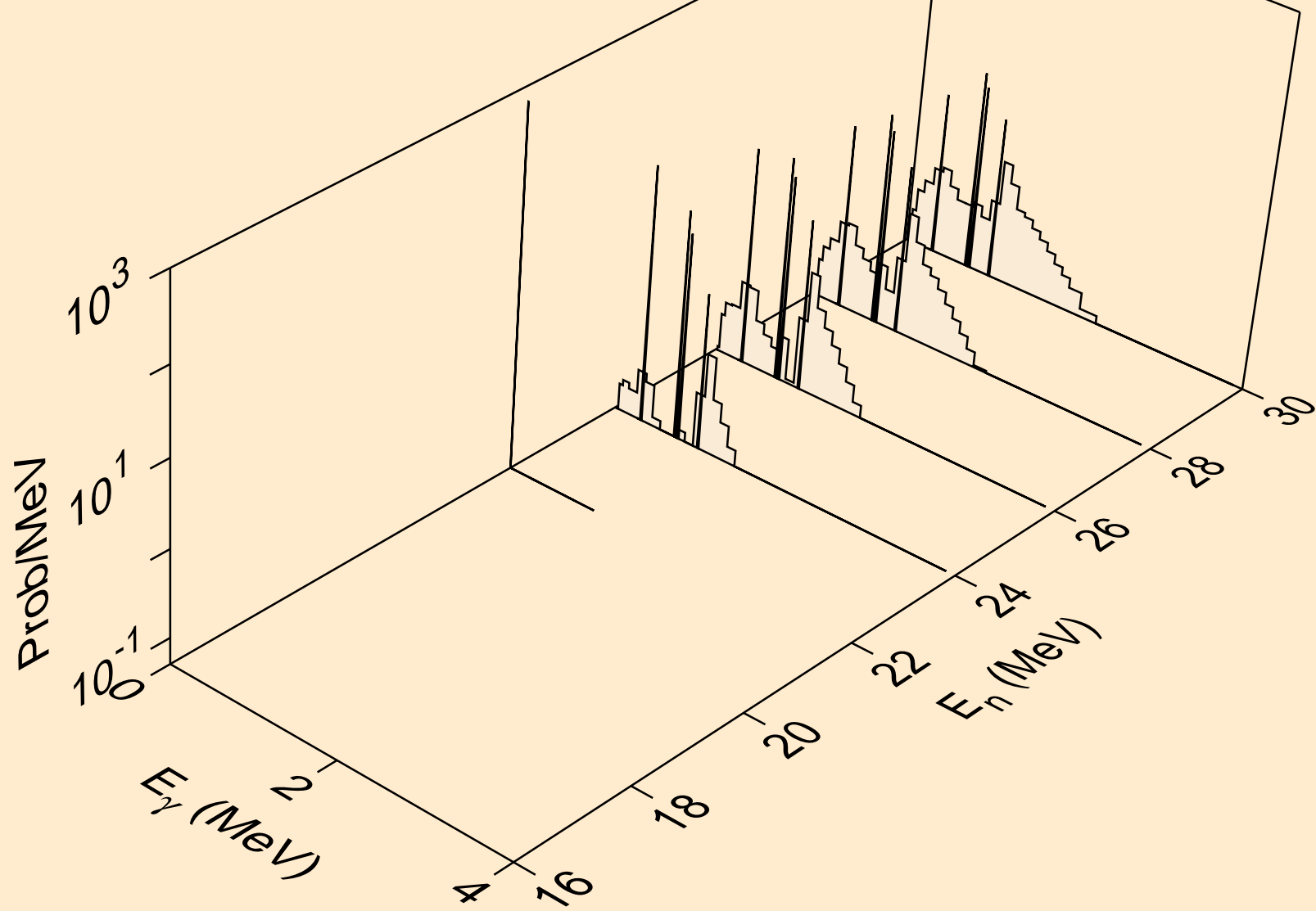
TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)

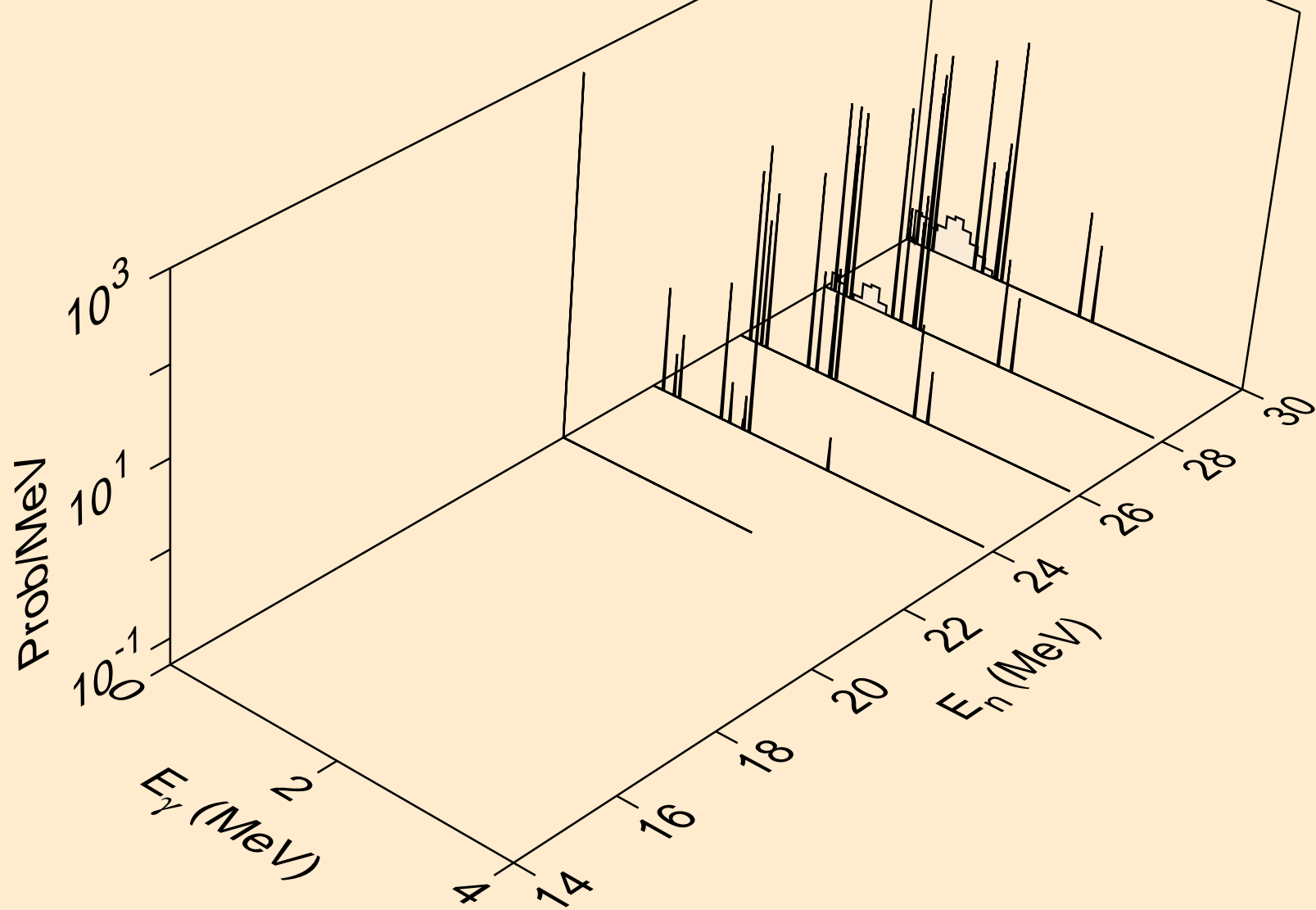


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Photon emission for (n,pd)

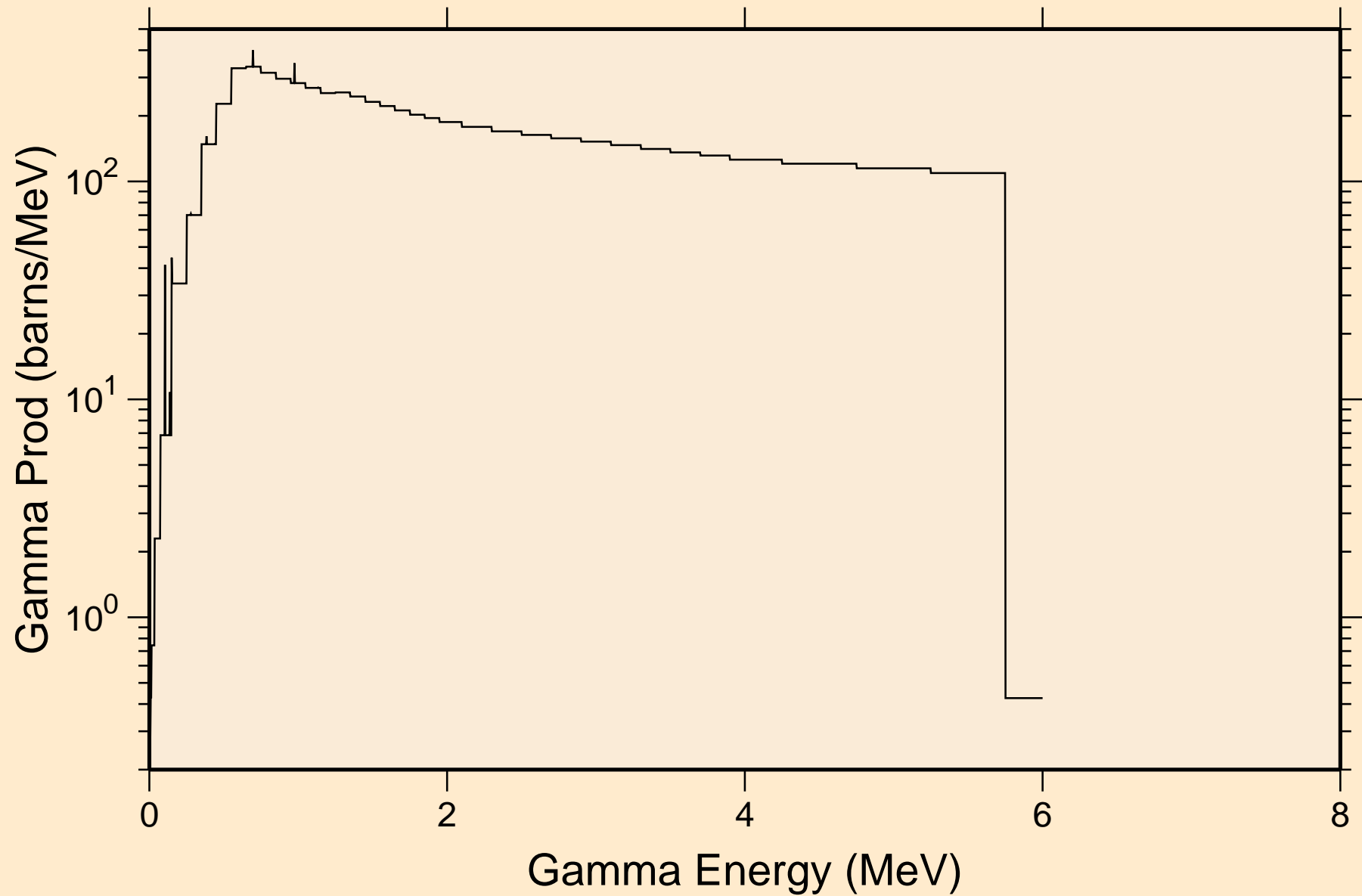




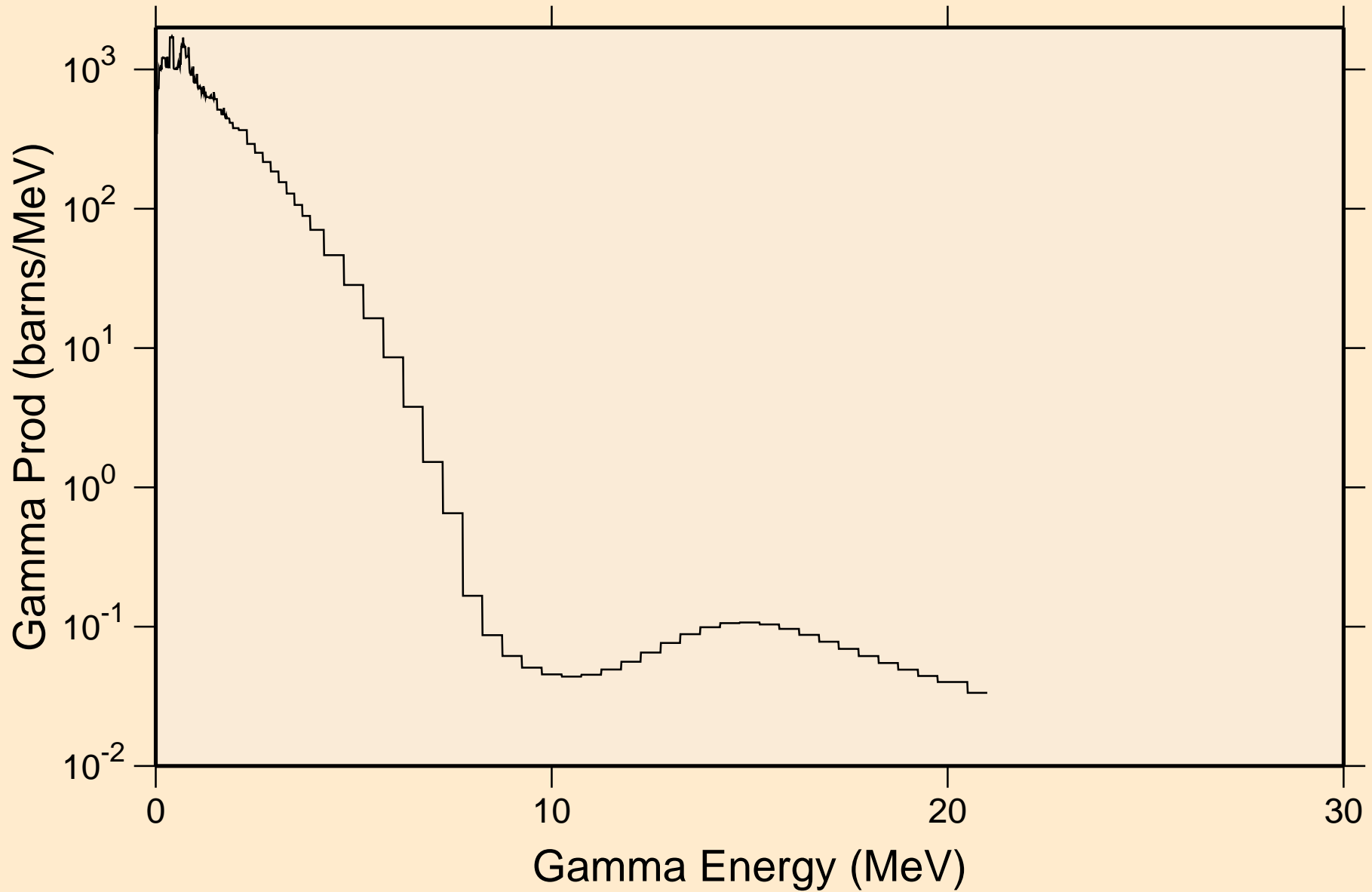
TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum



TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

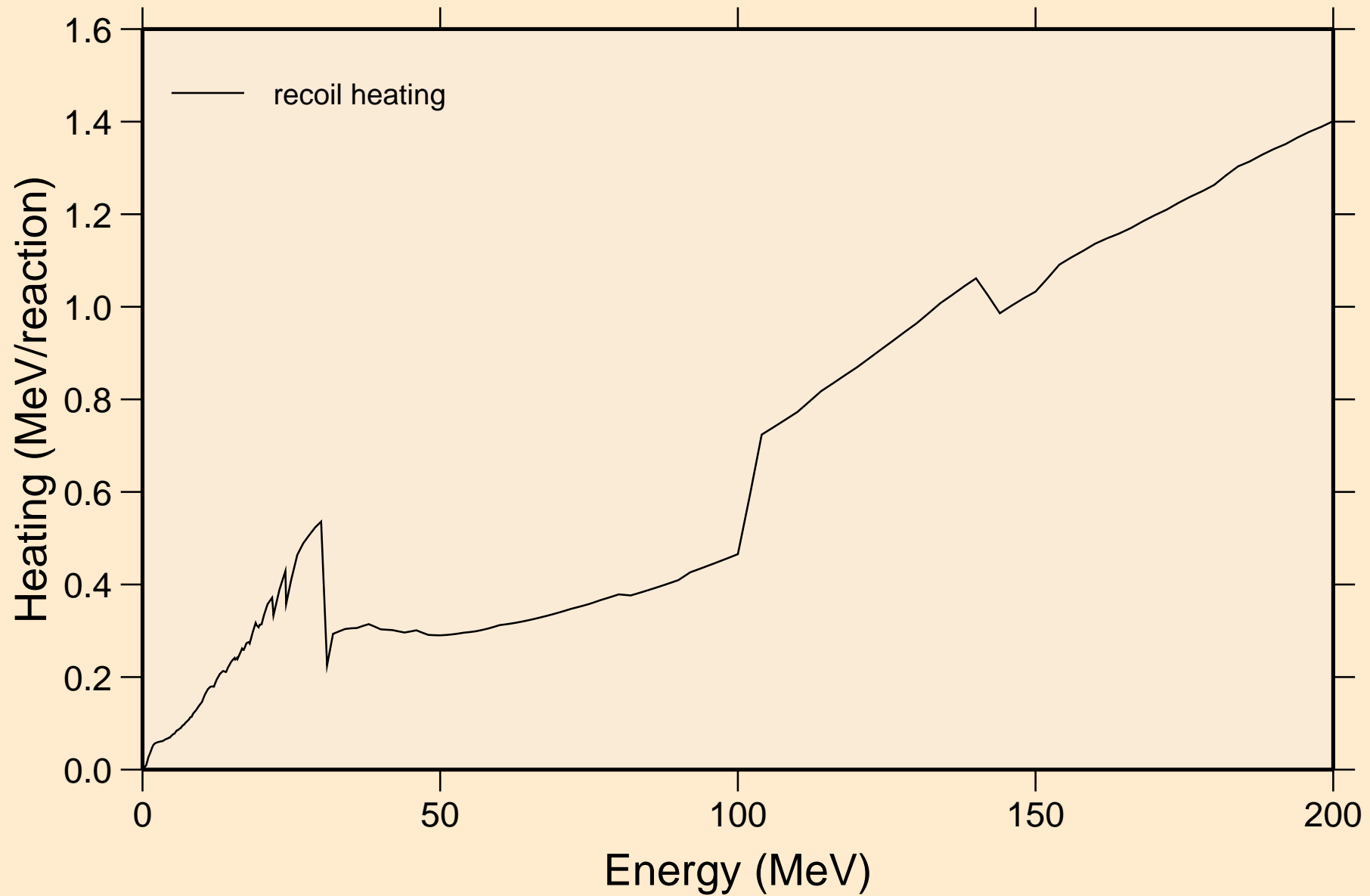


# TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

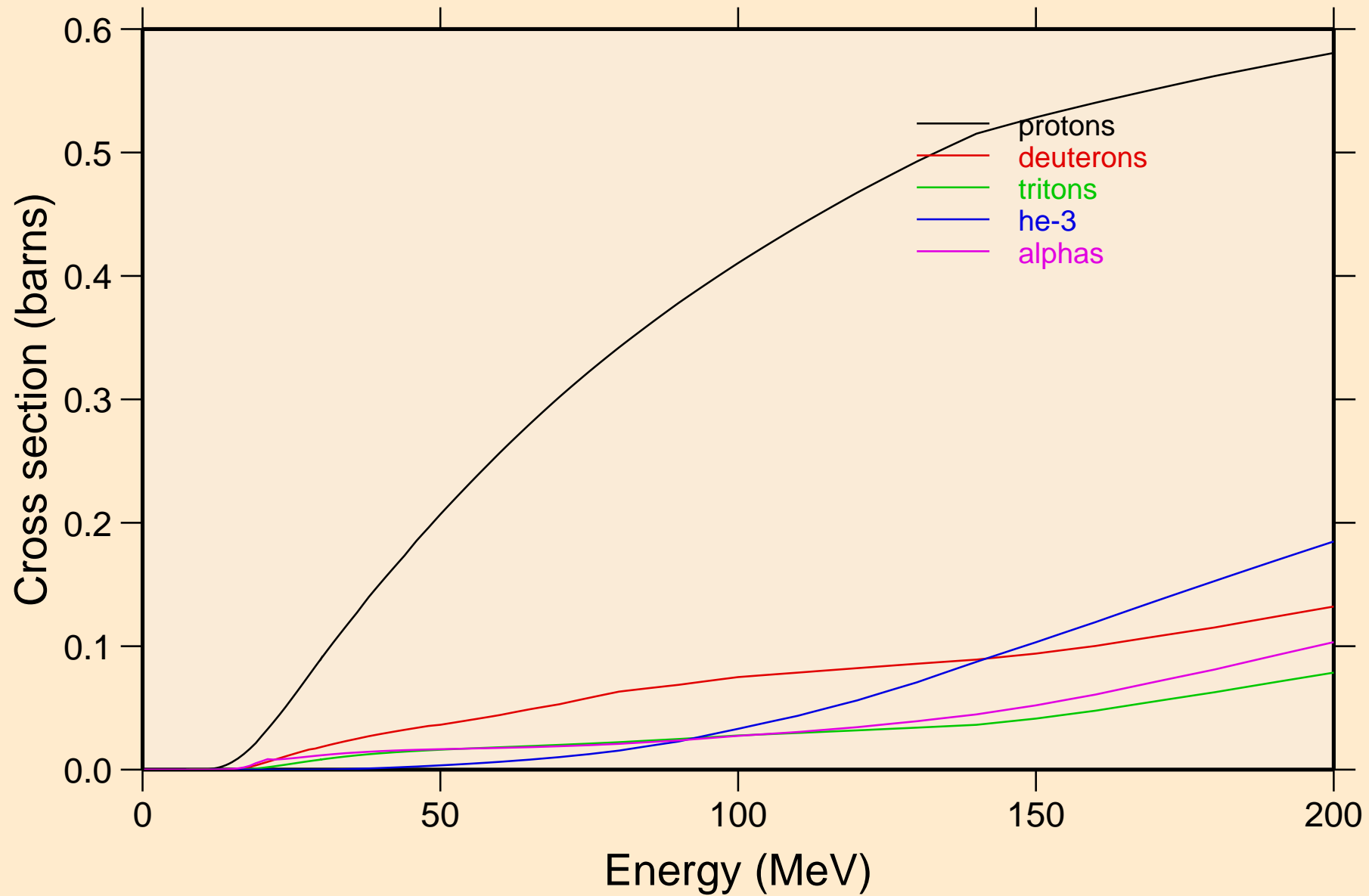
## Particle heating contributions



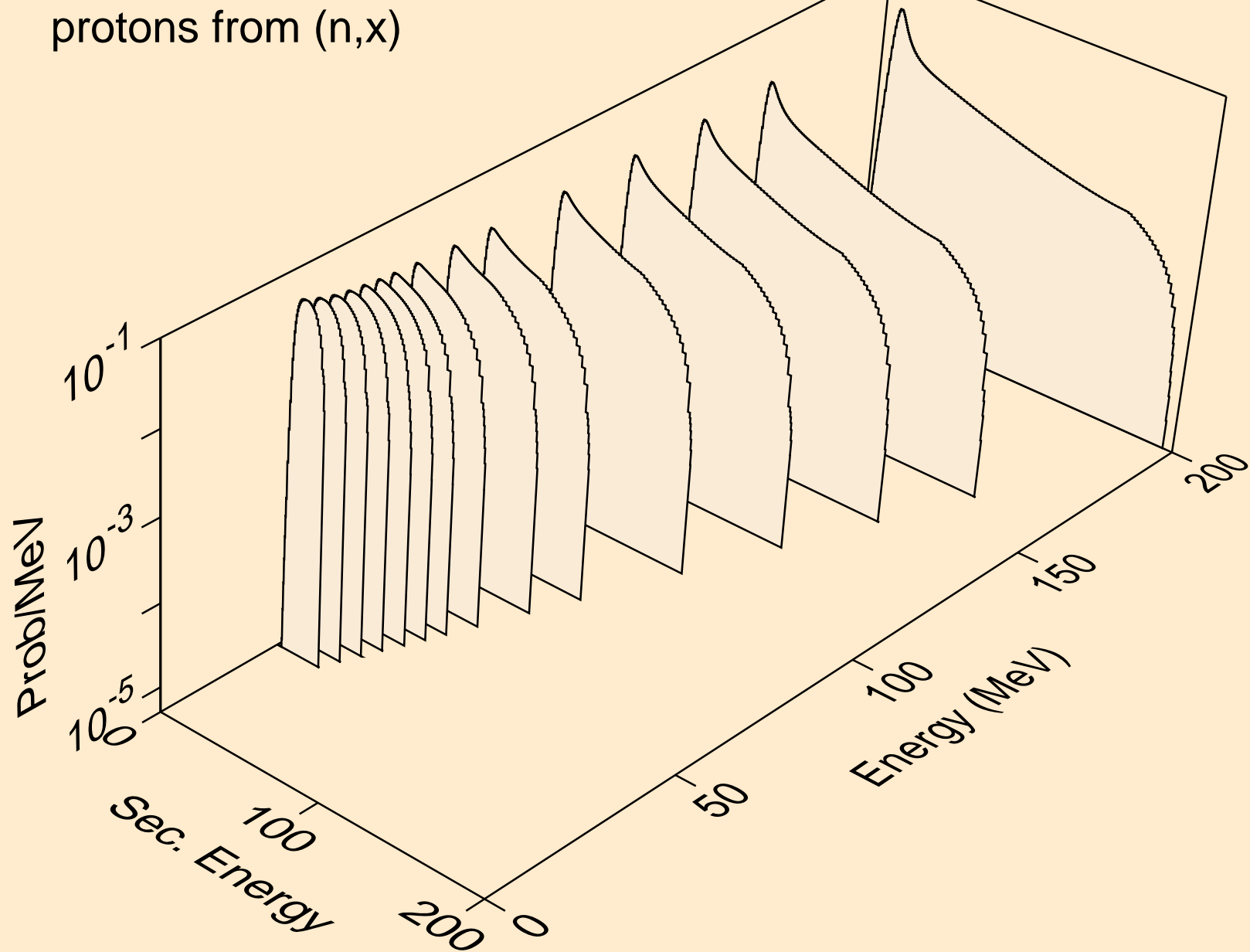
TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating



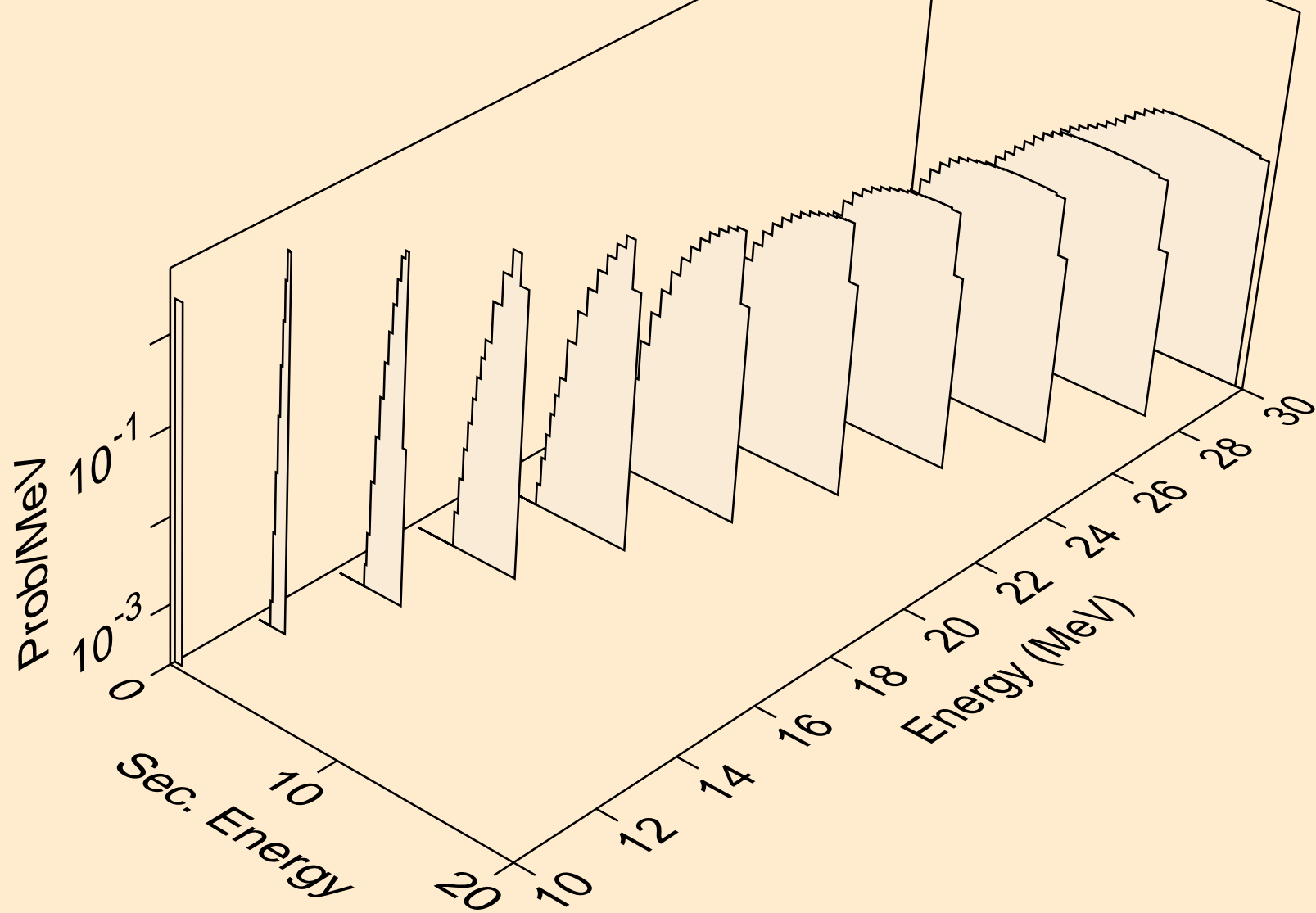
TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)

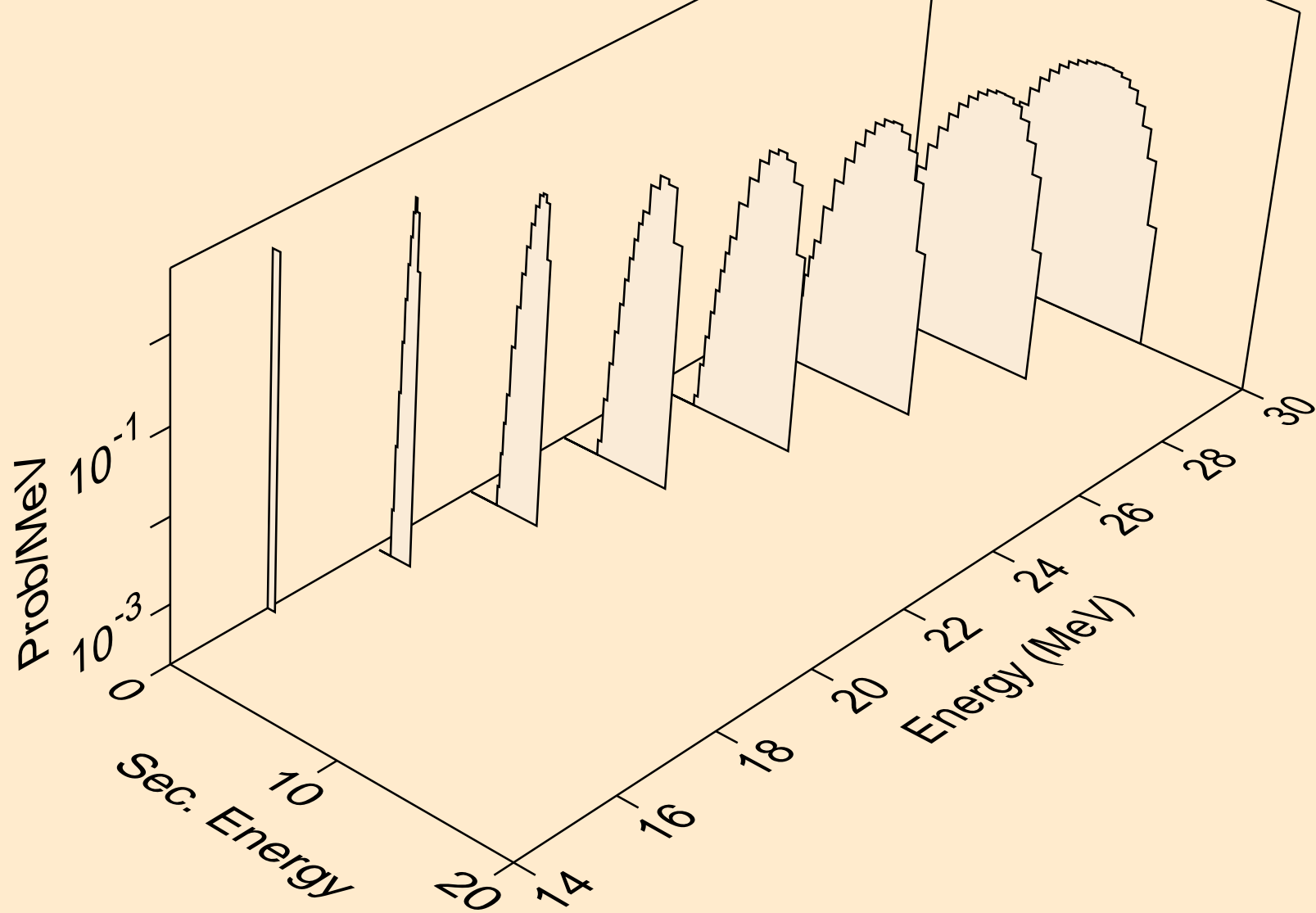


TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p

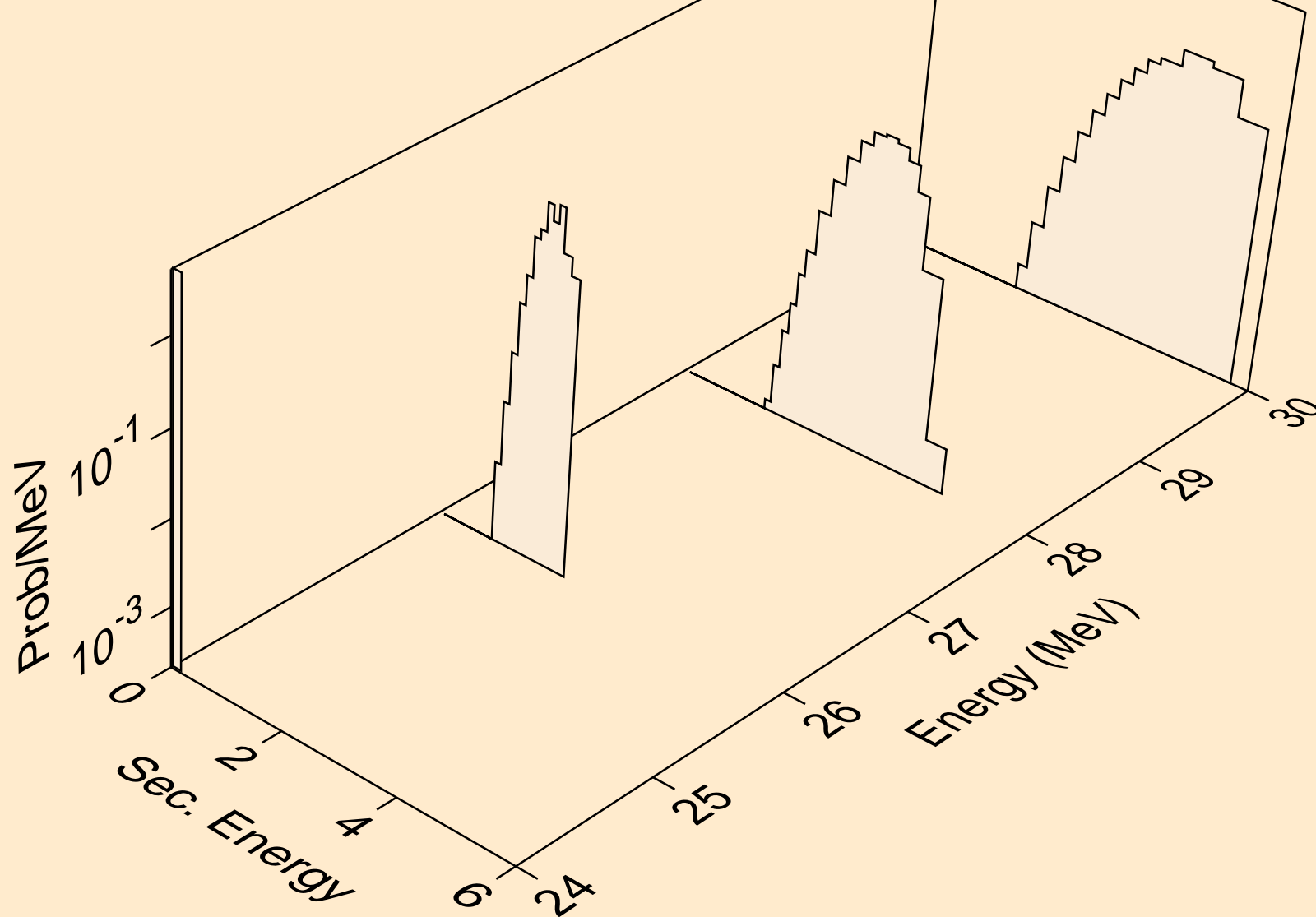




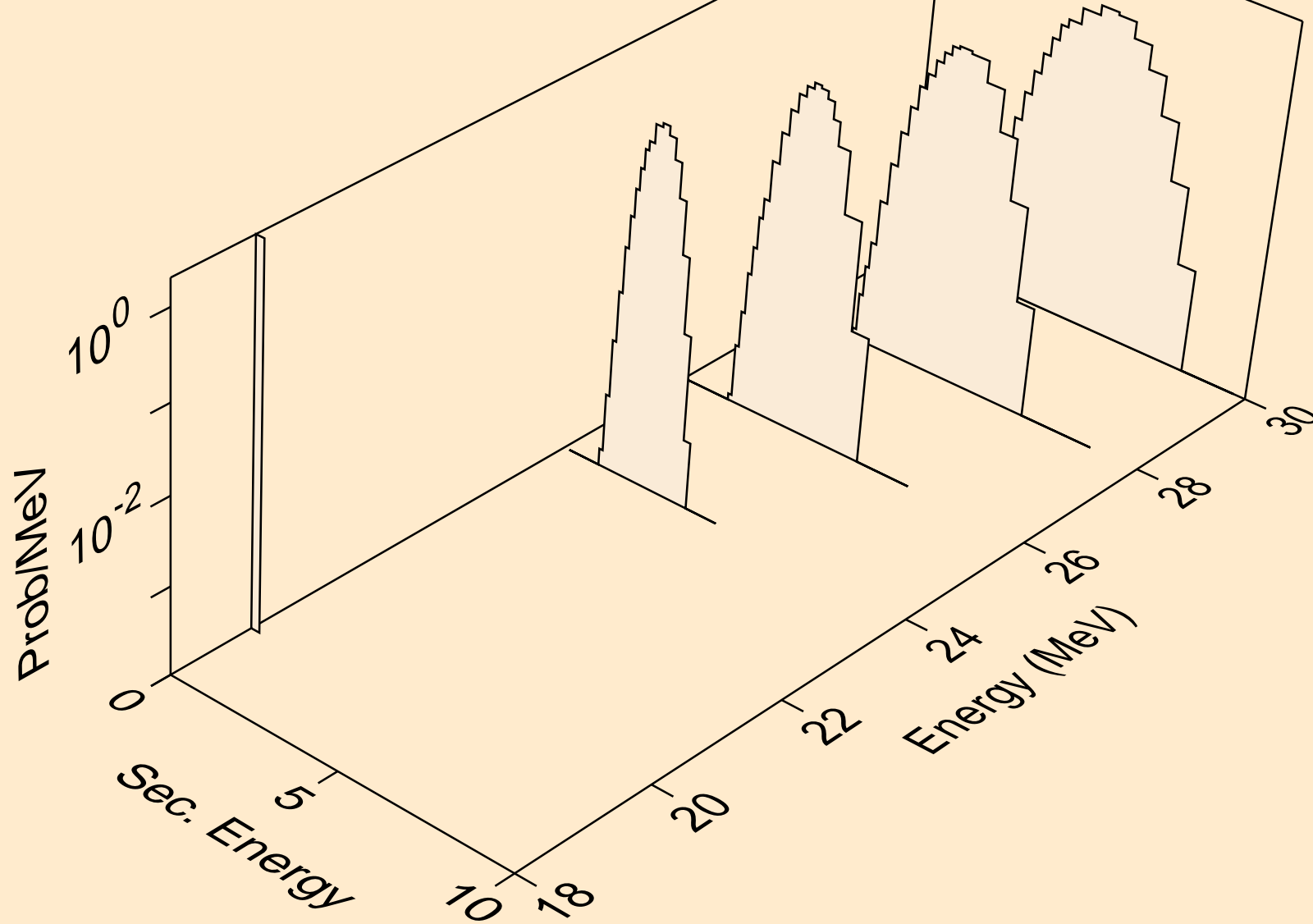
TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)



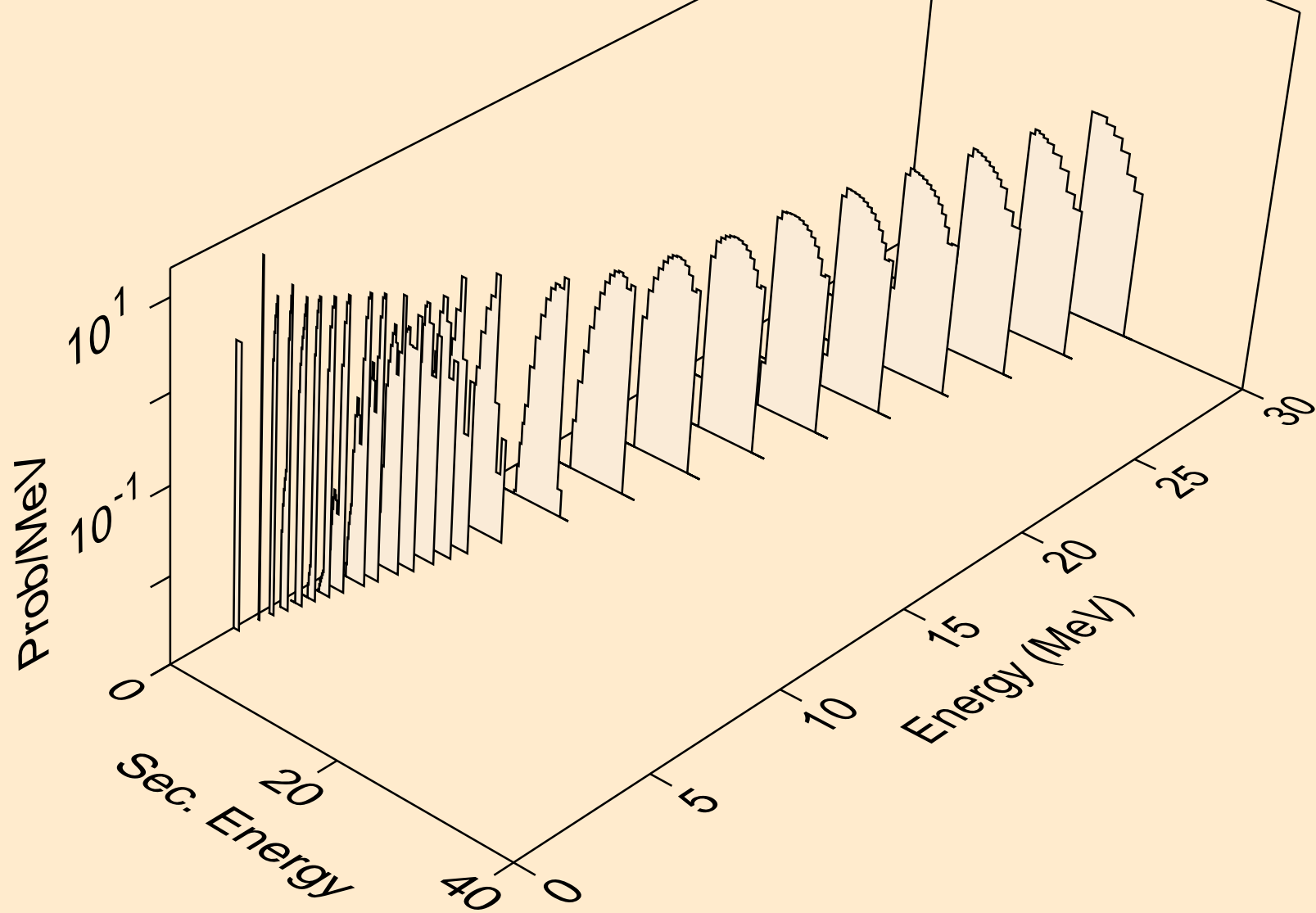
TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)



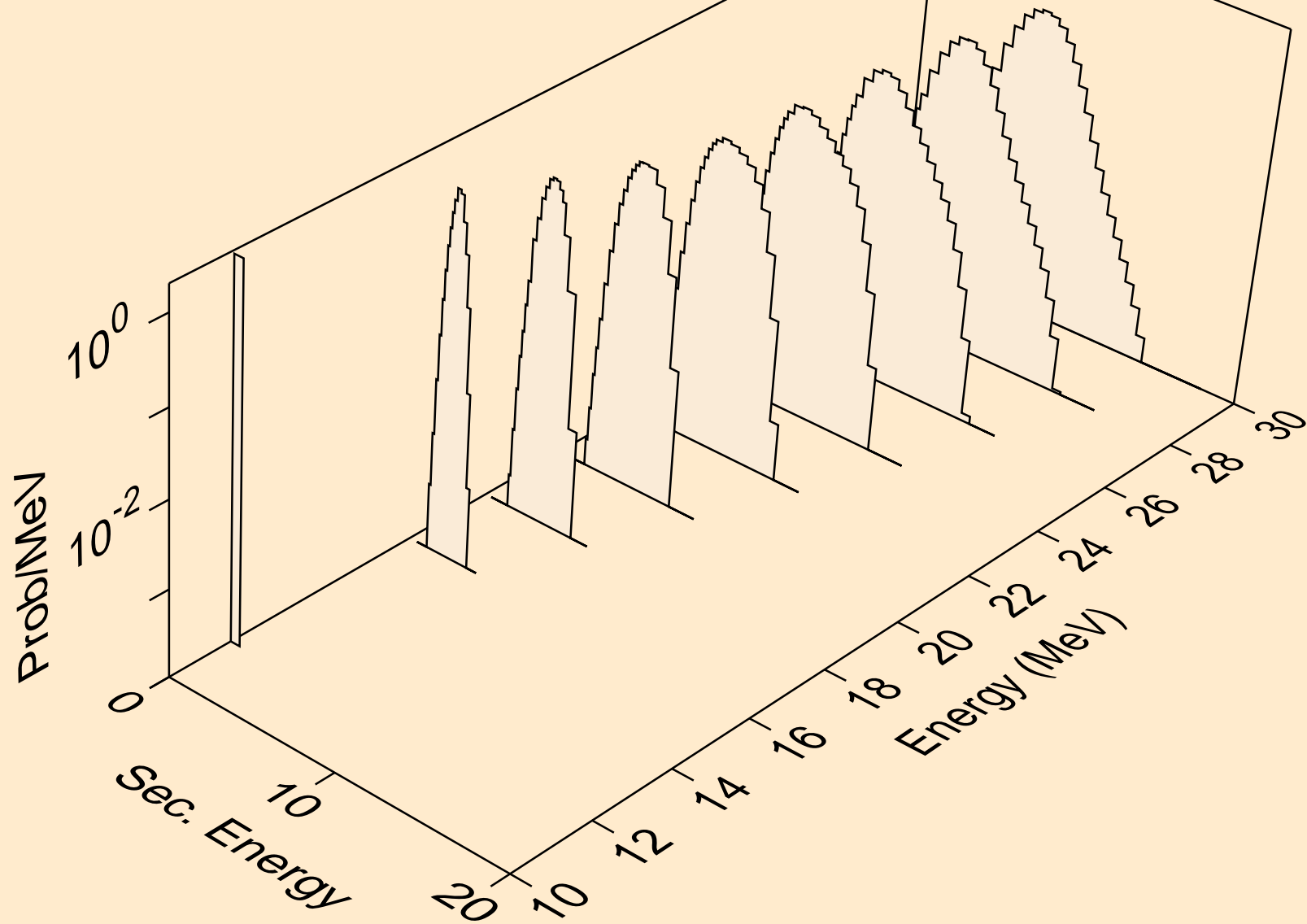
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protons from (n,n2p)



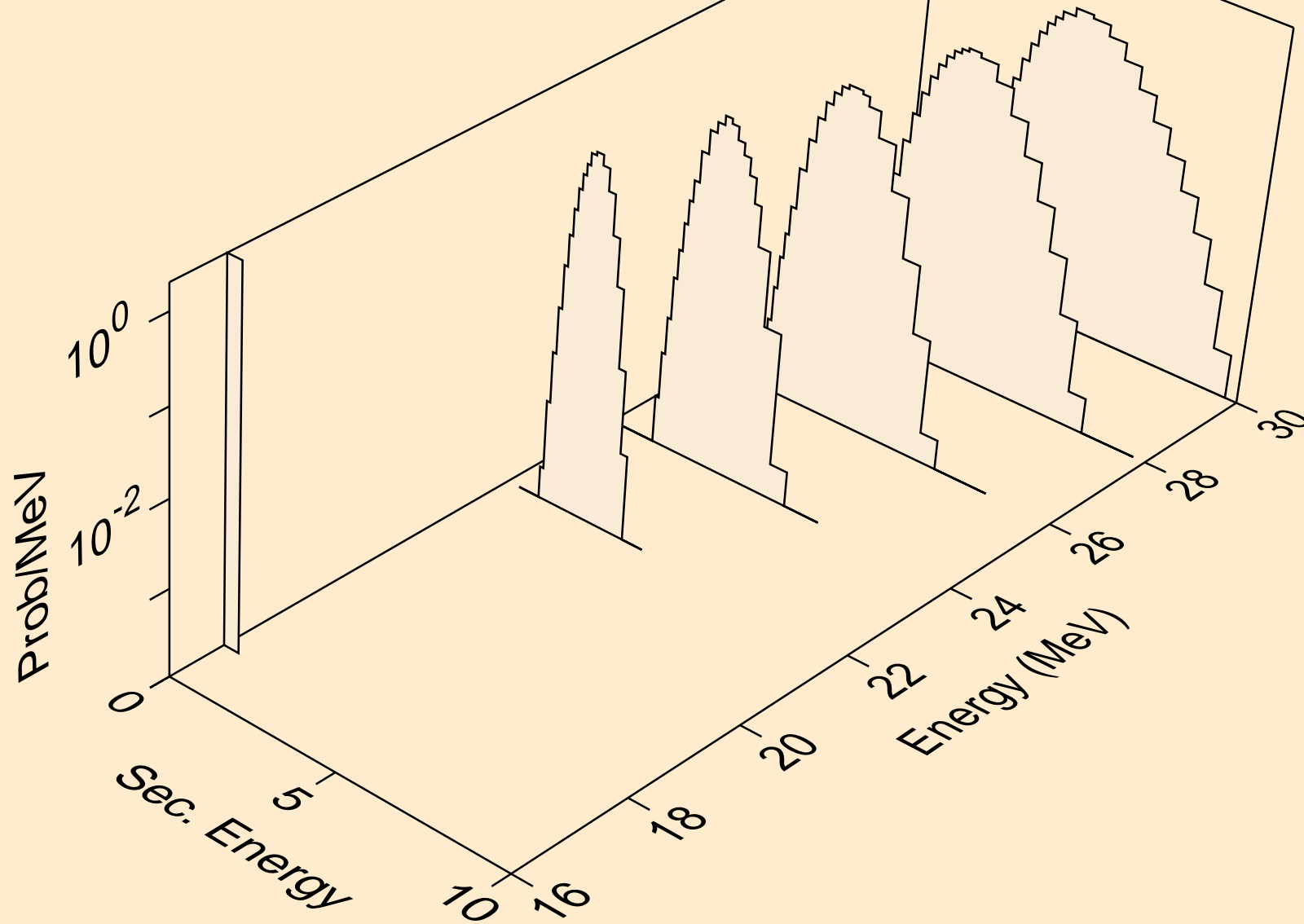
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protons from (n,p)



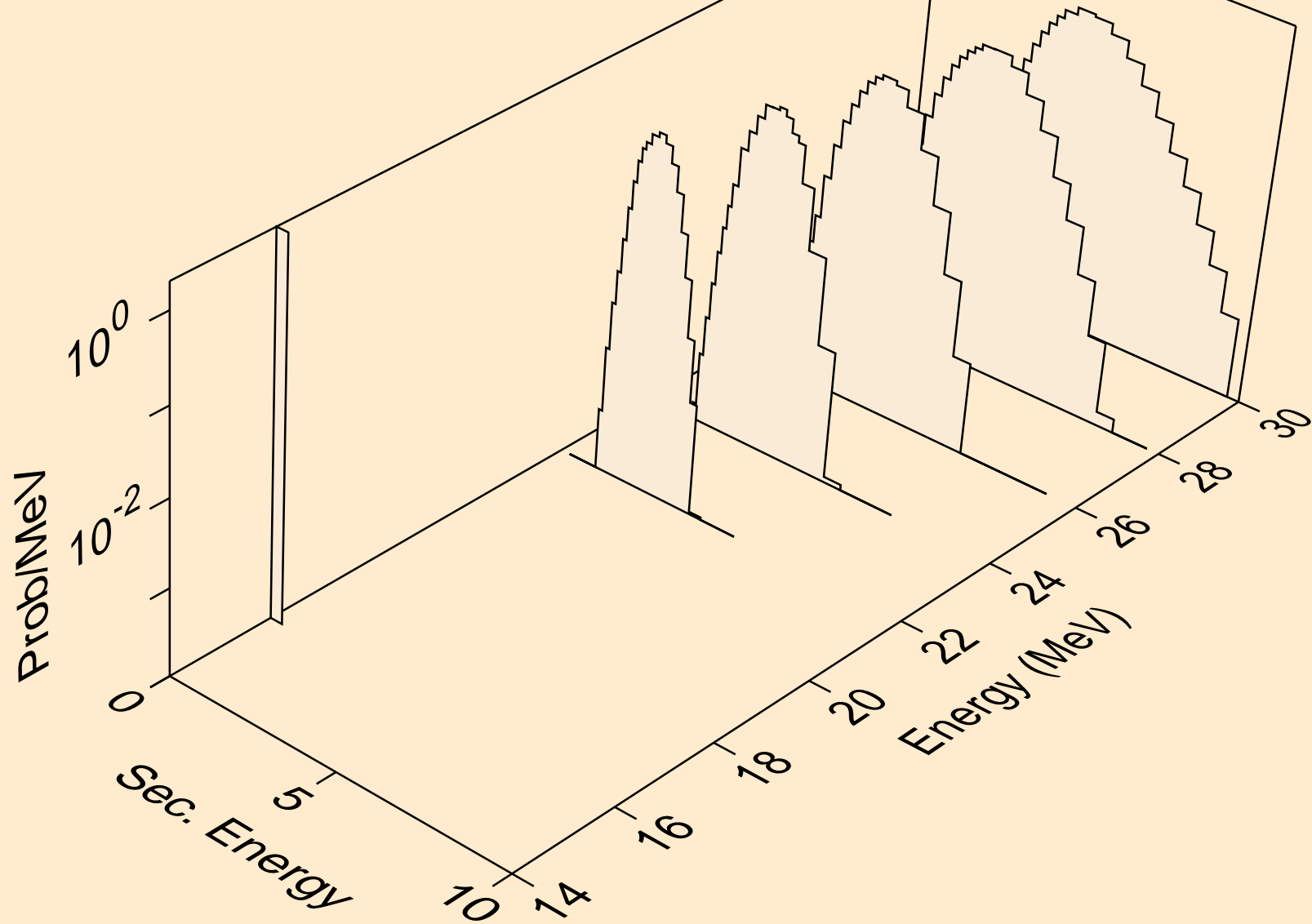
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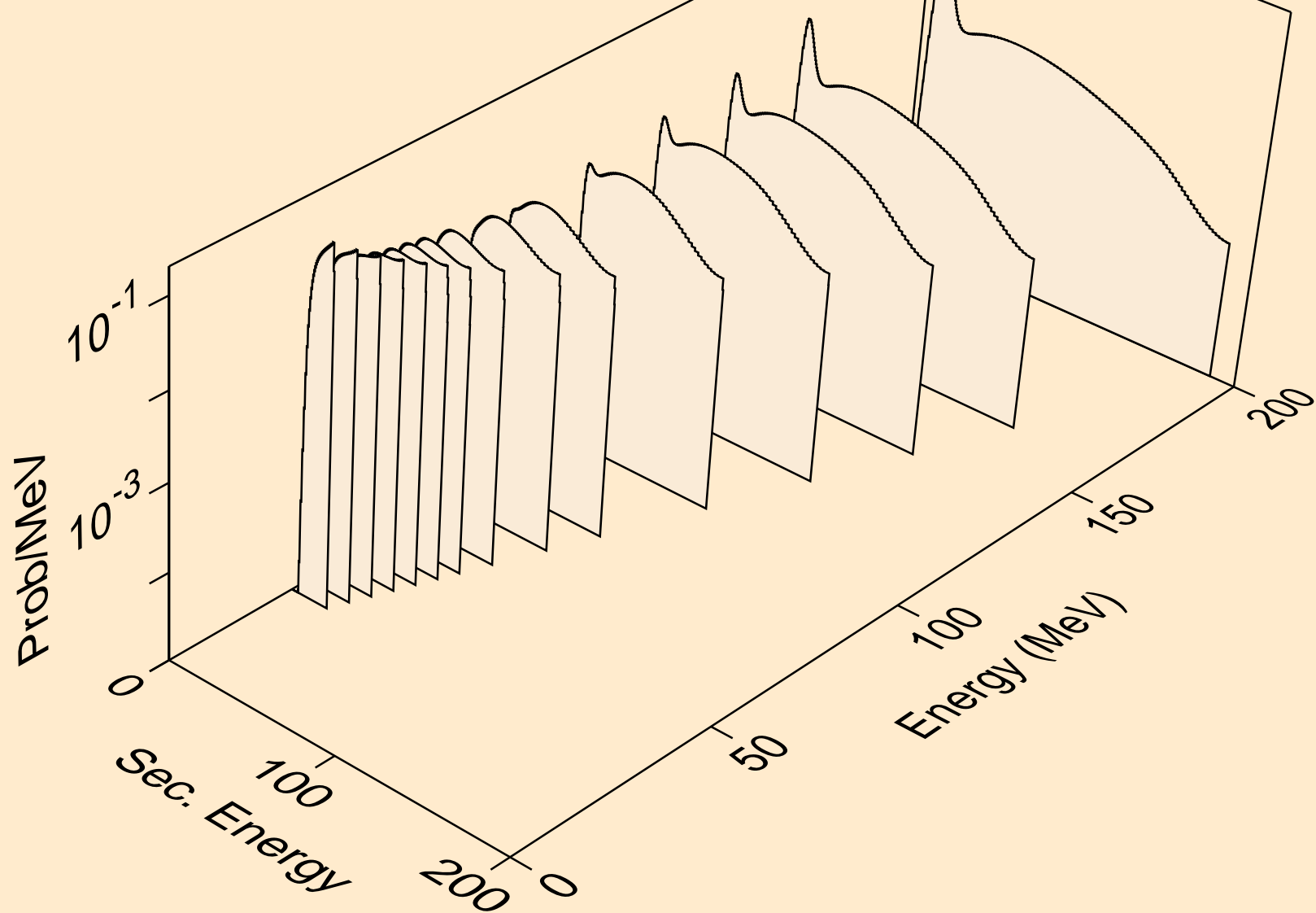
TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pd)



TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pt)

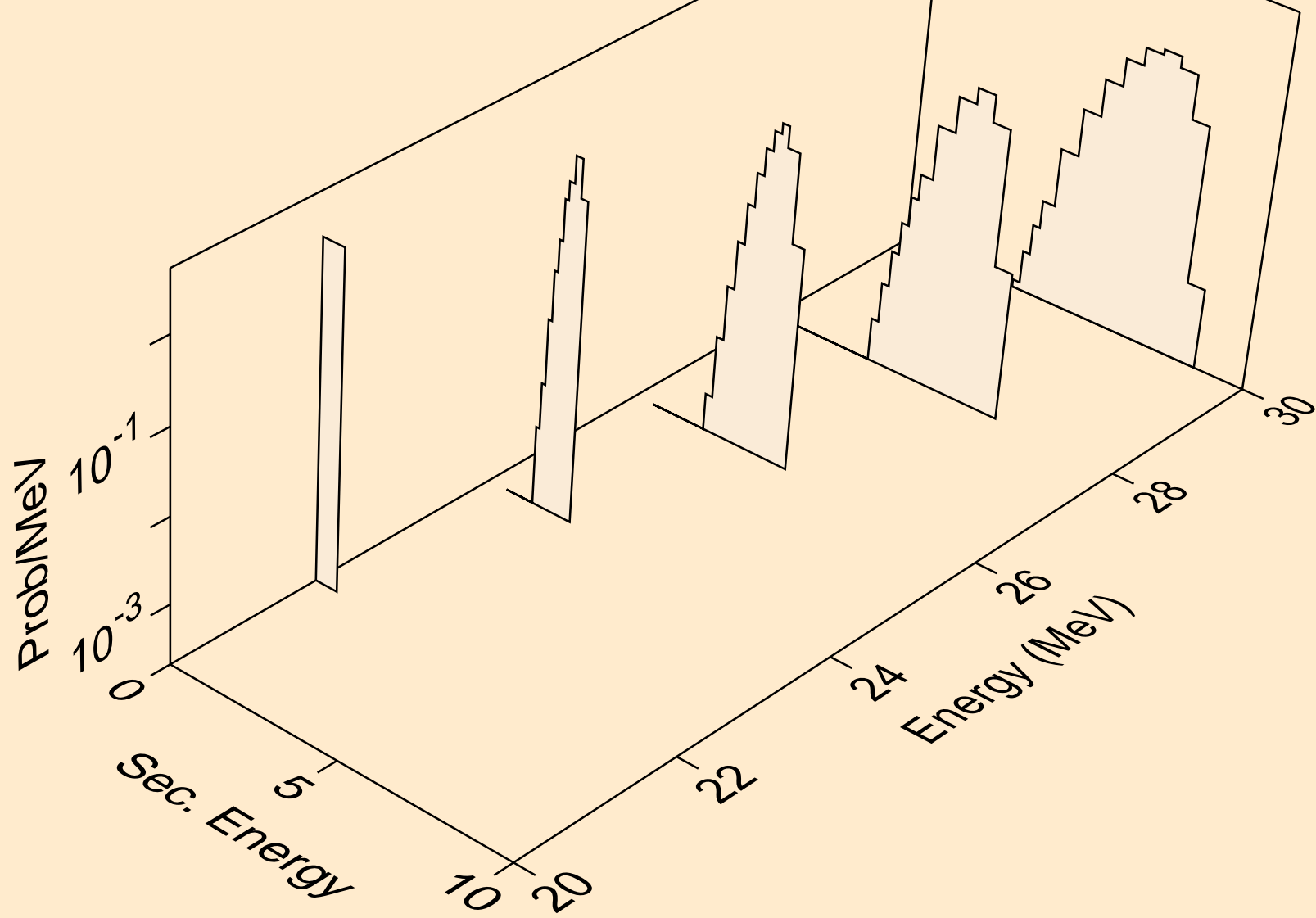


TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)

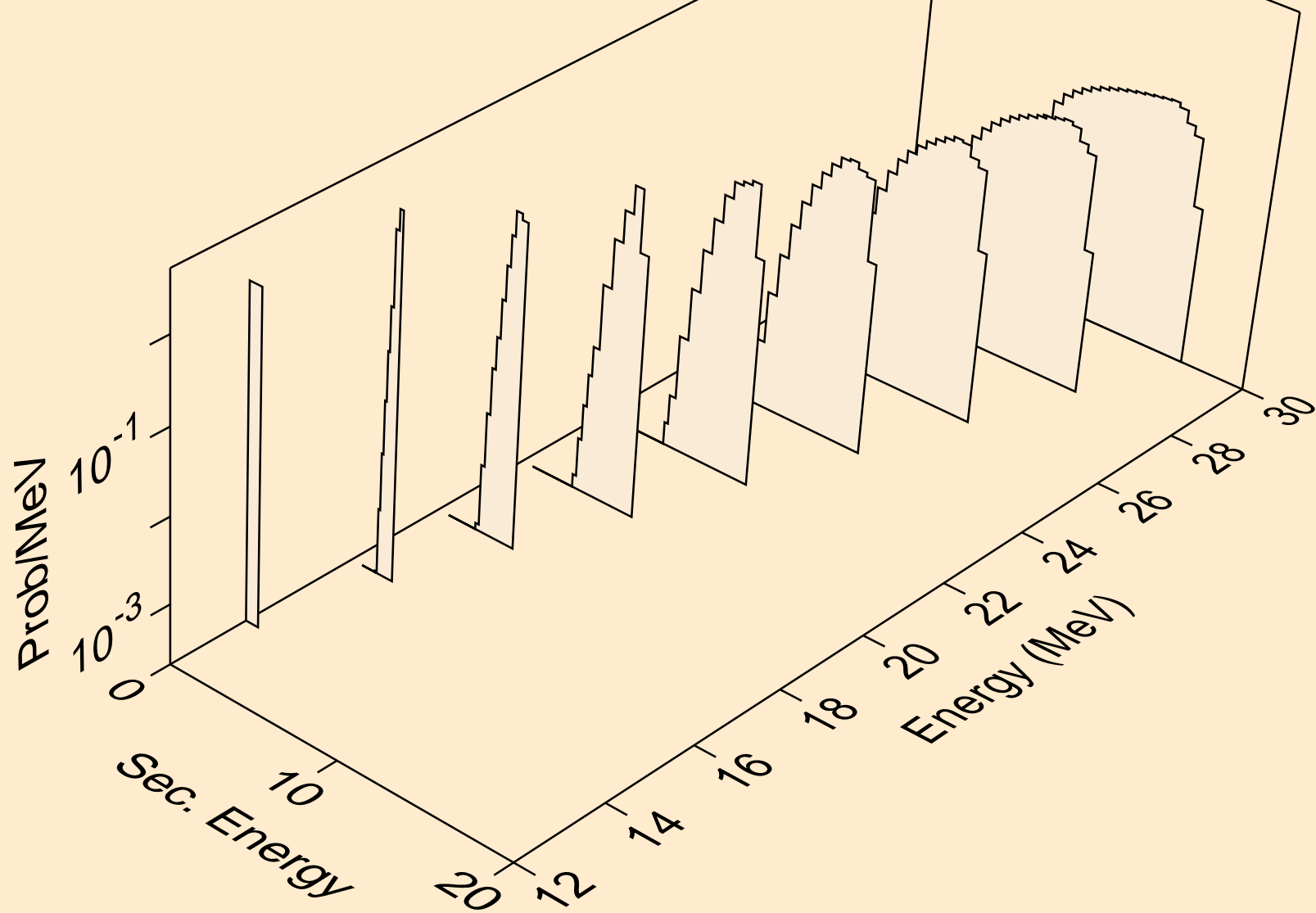




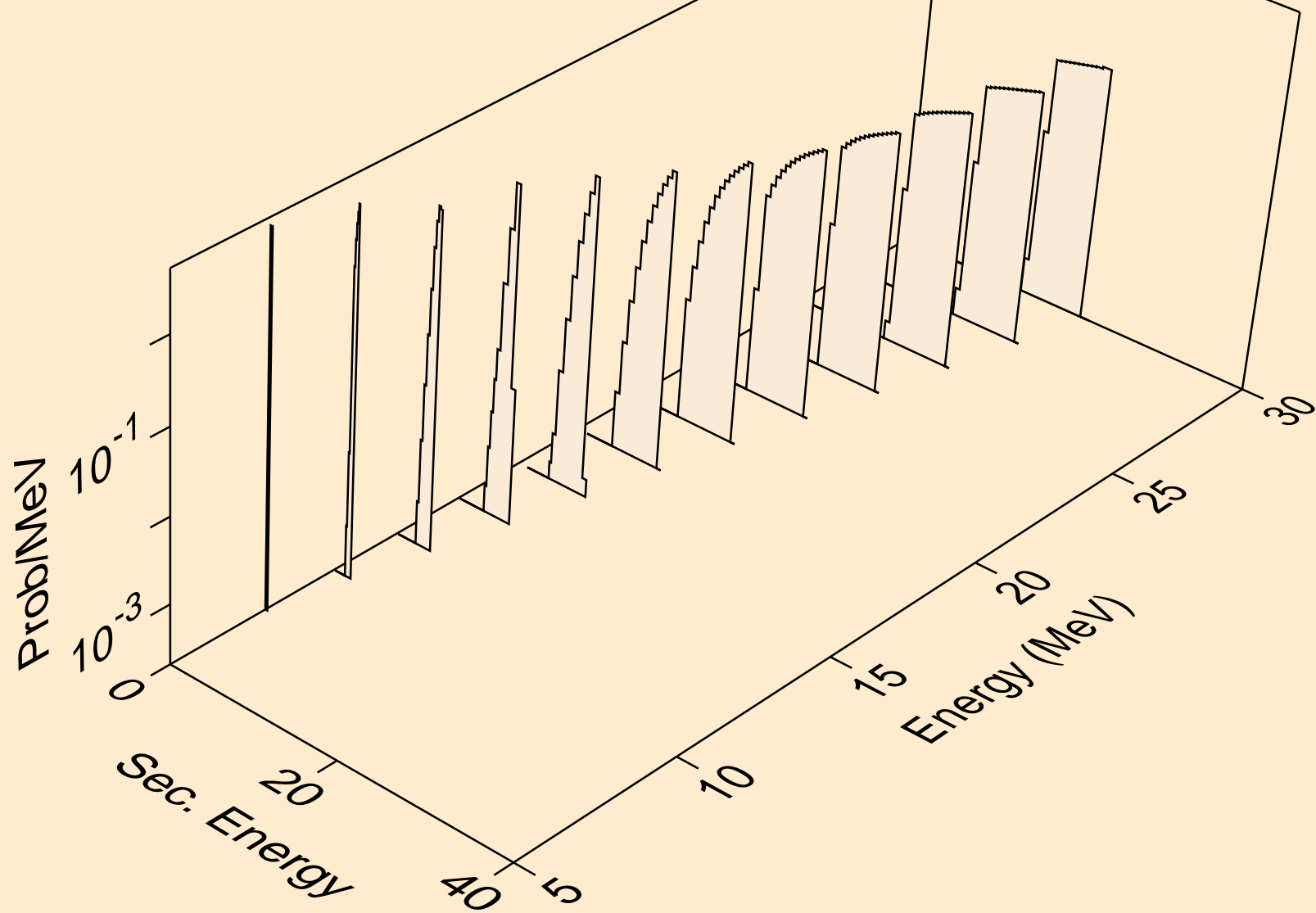
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deuterons from (n,2nd)



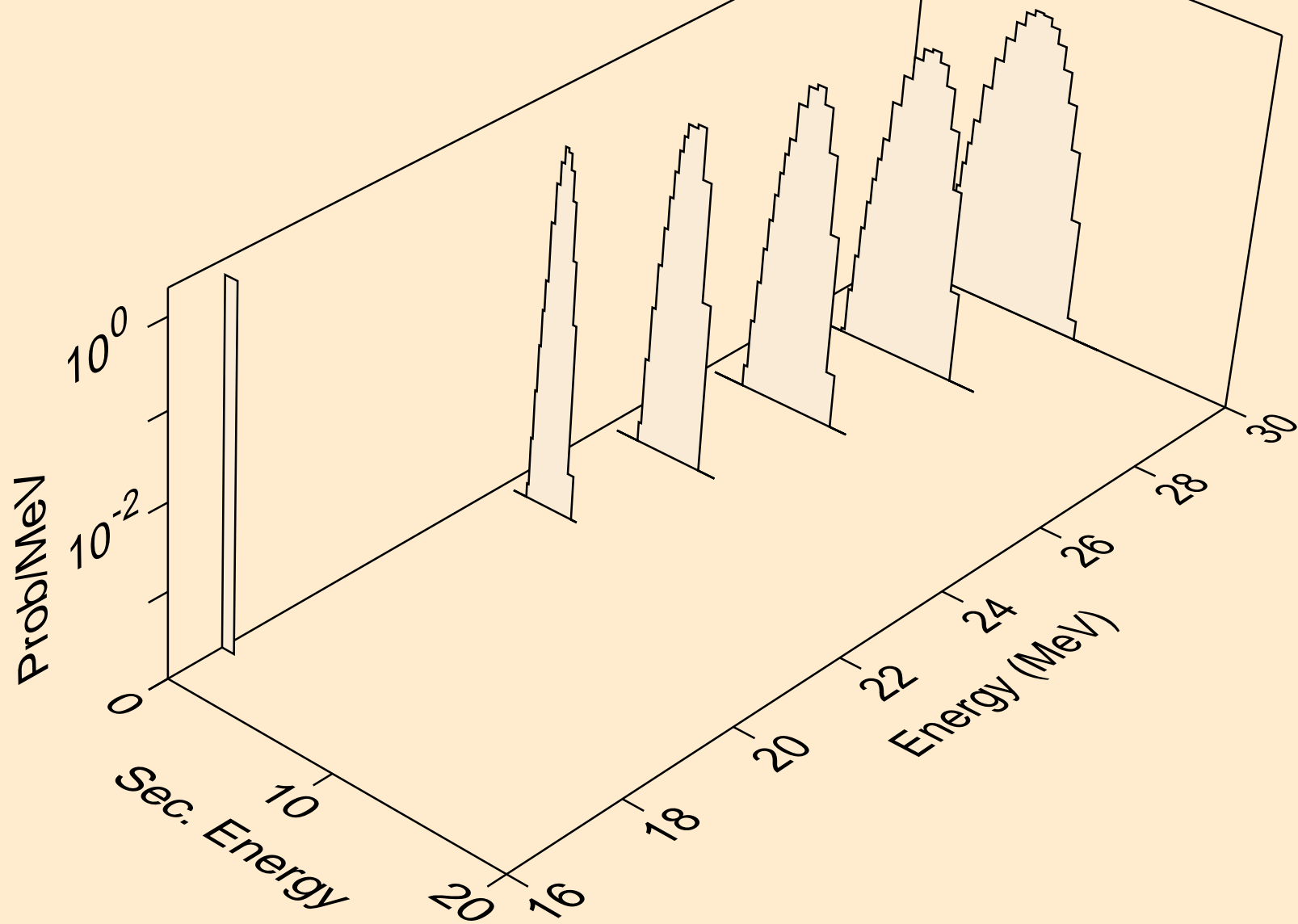
TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d



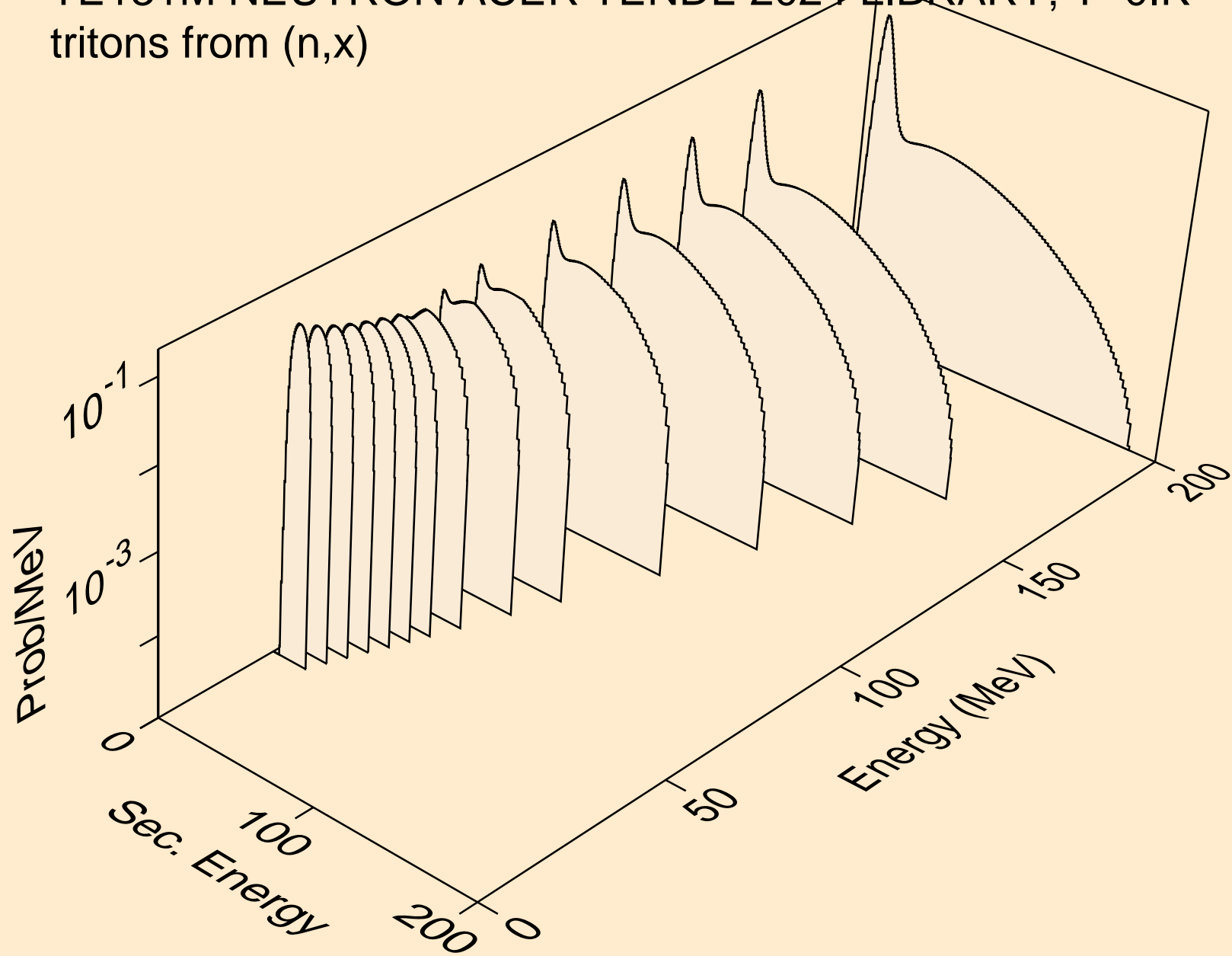
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deuterons from (n,d)



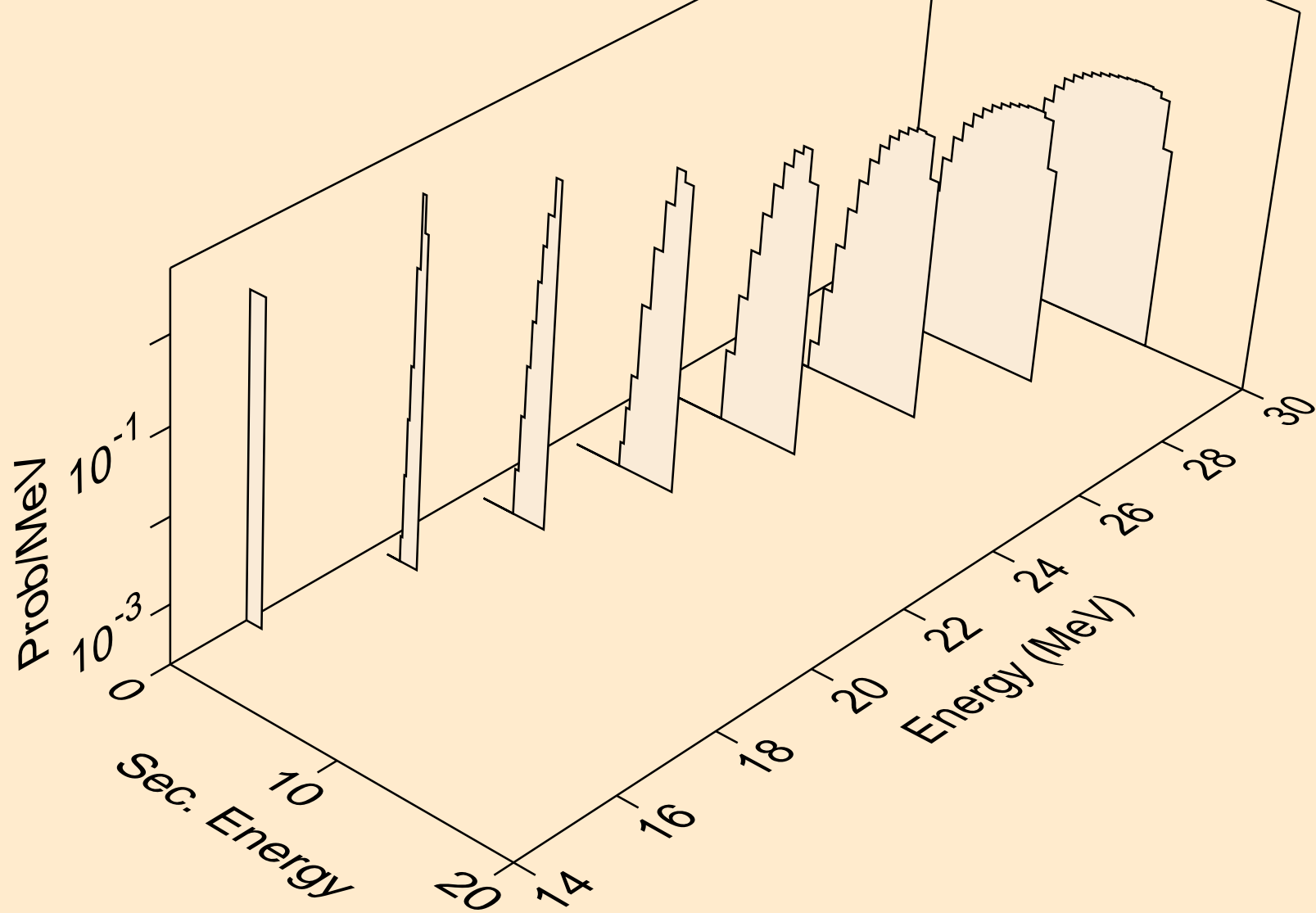
TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,pd)



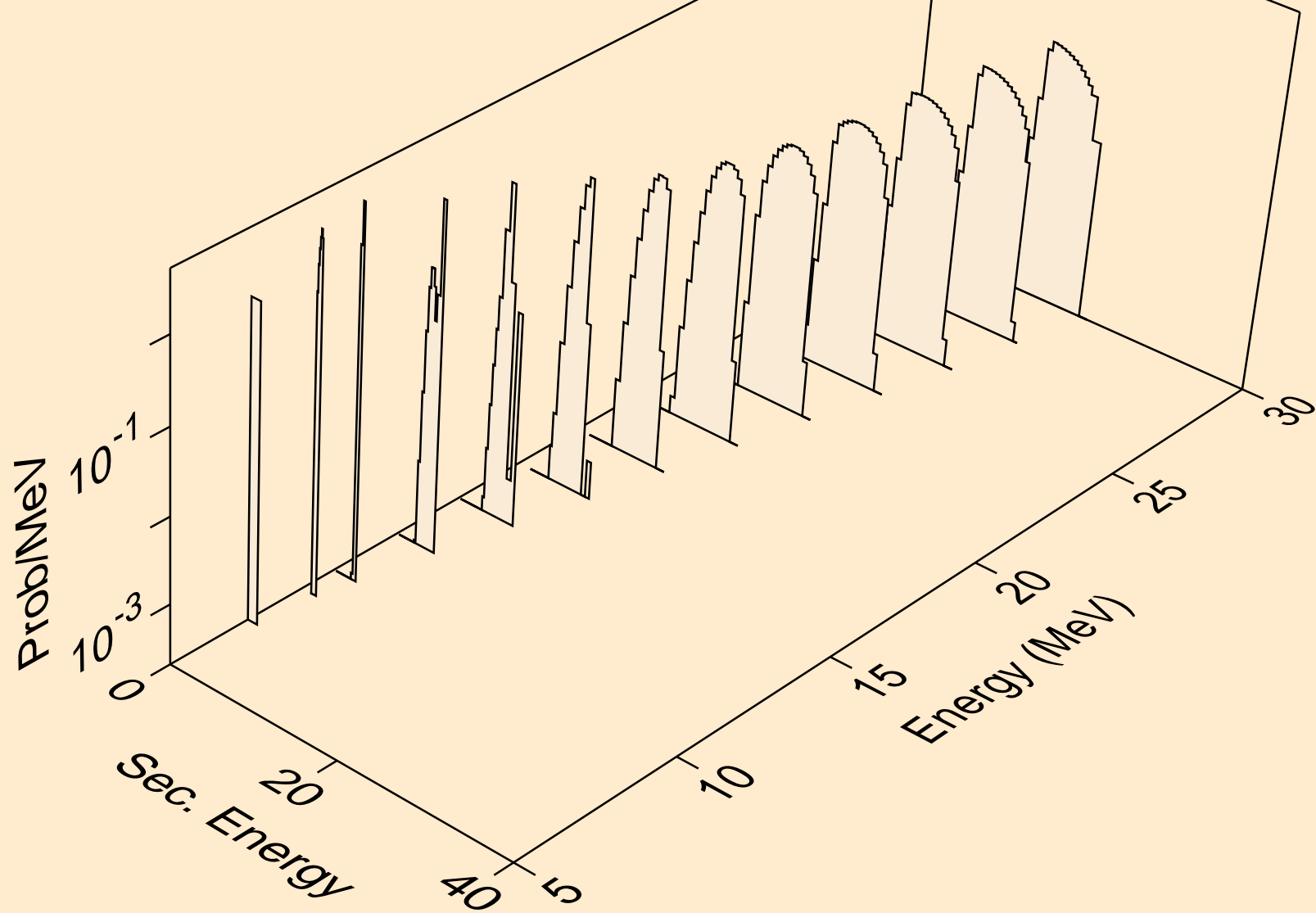
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tritons from (n,x)



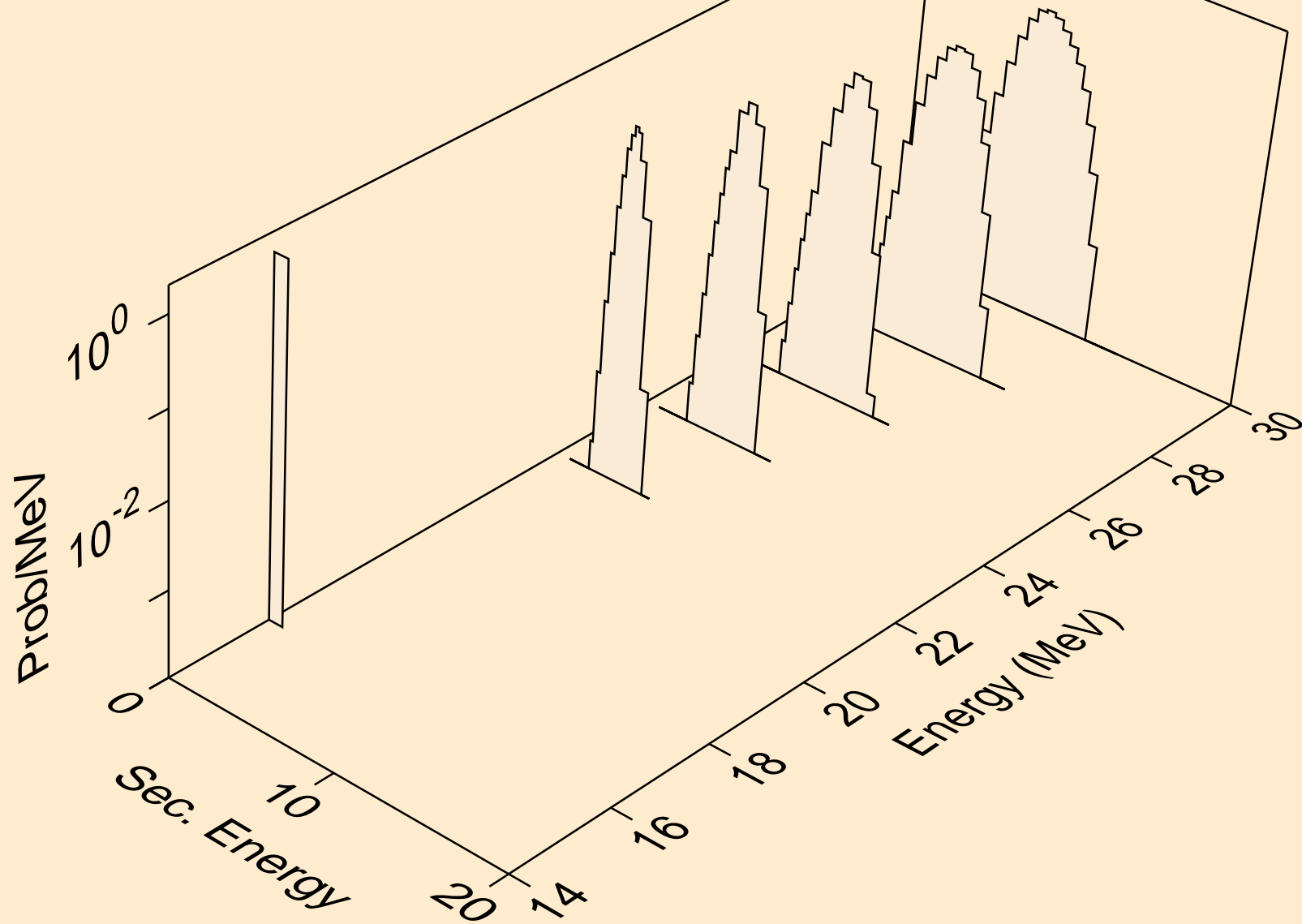
TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)

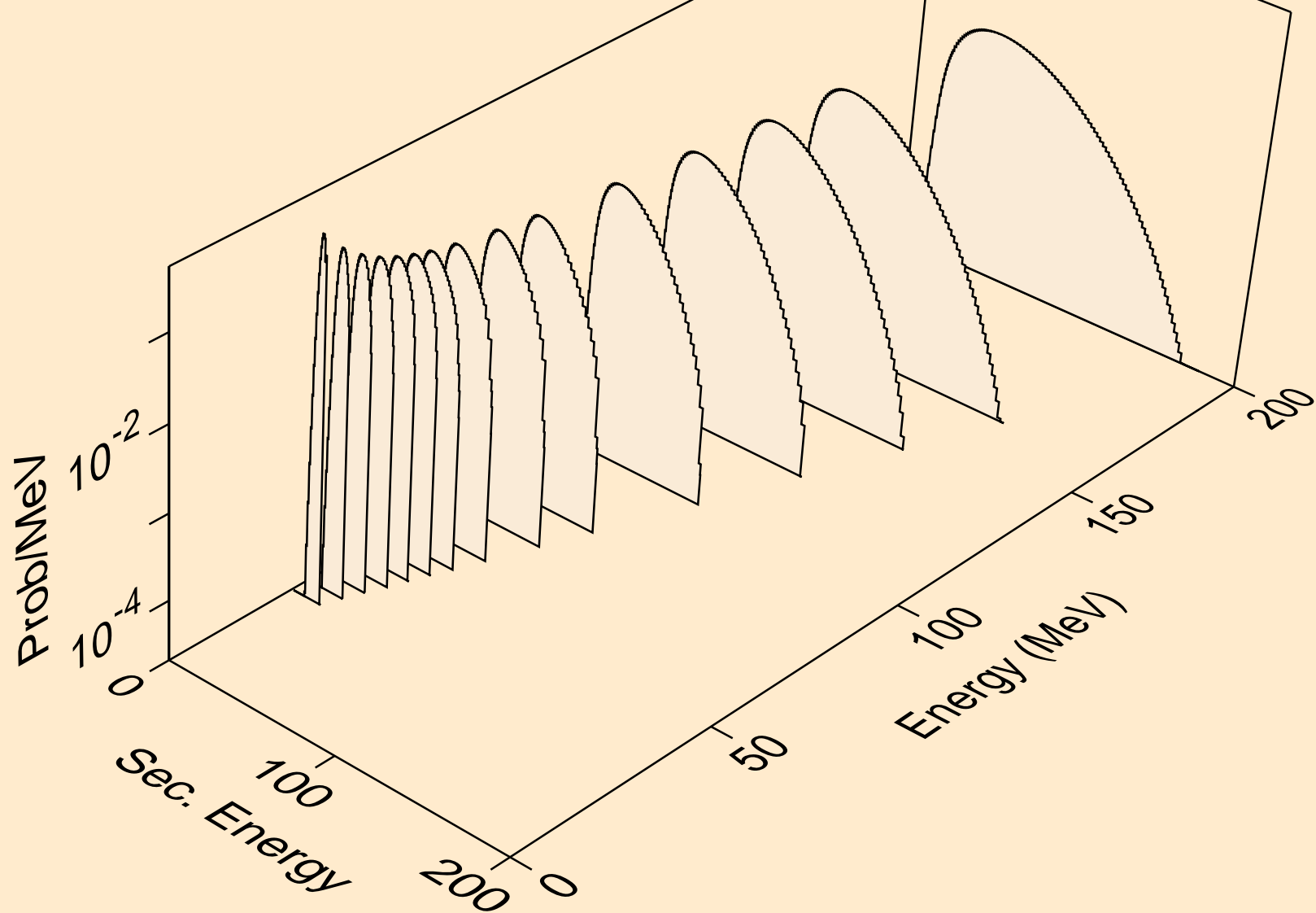


TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,pt)

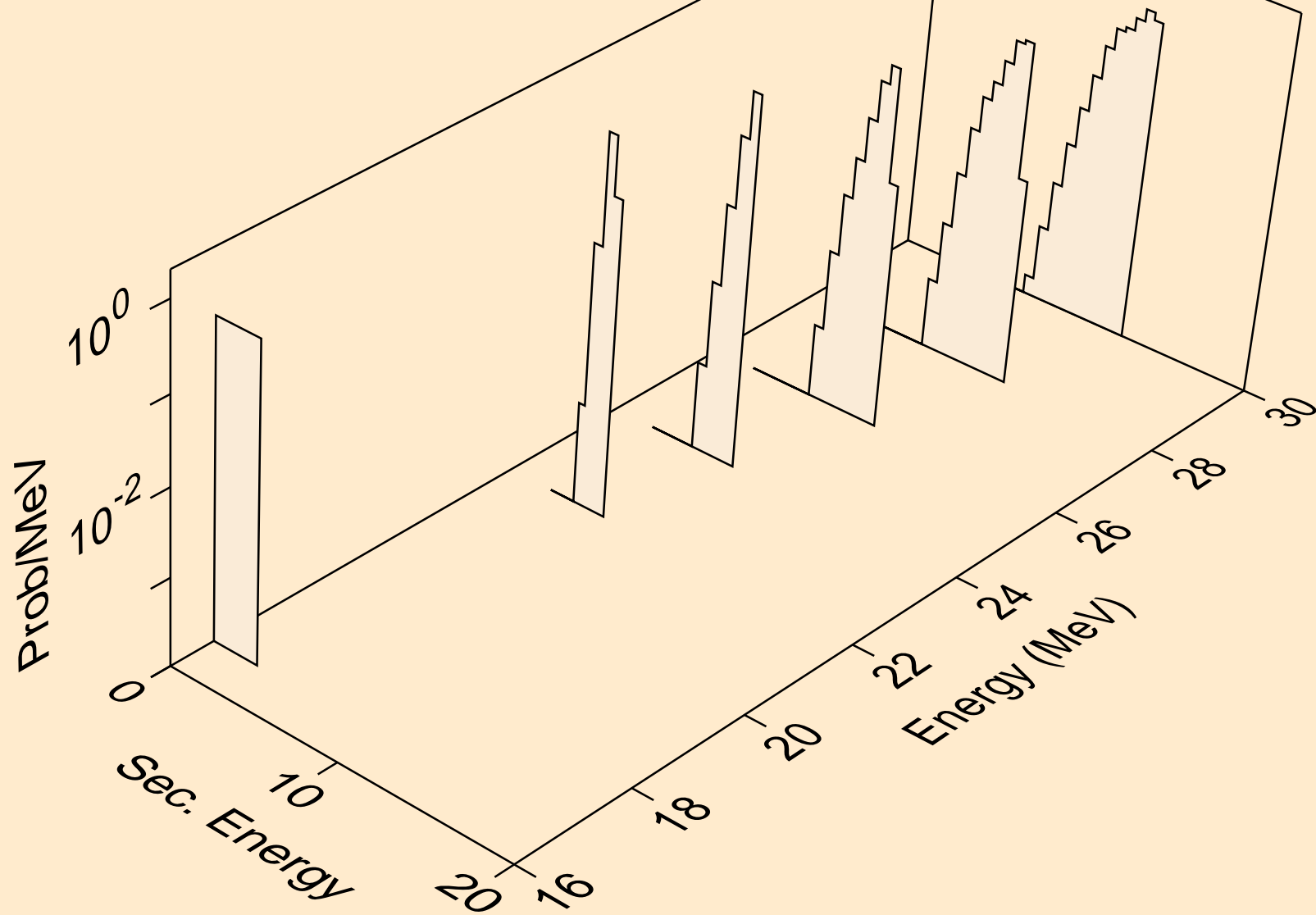




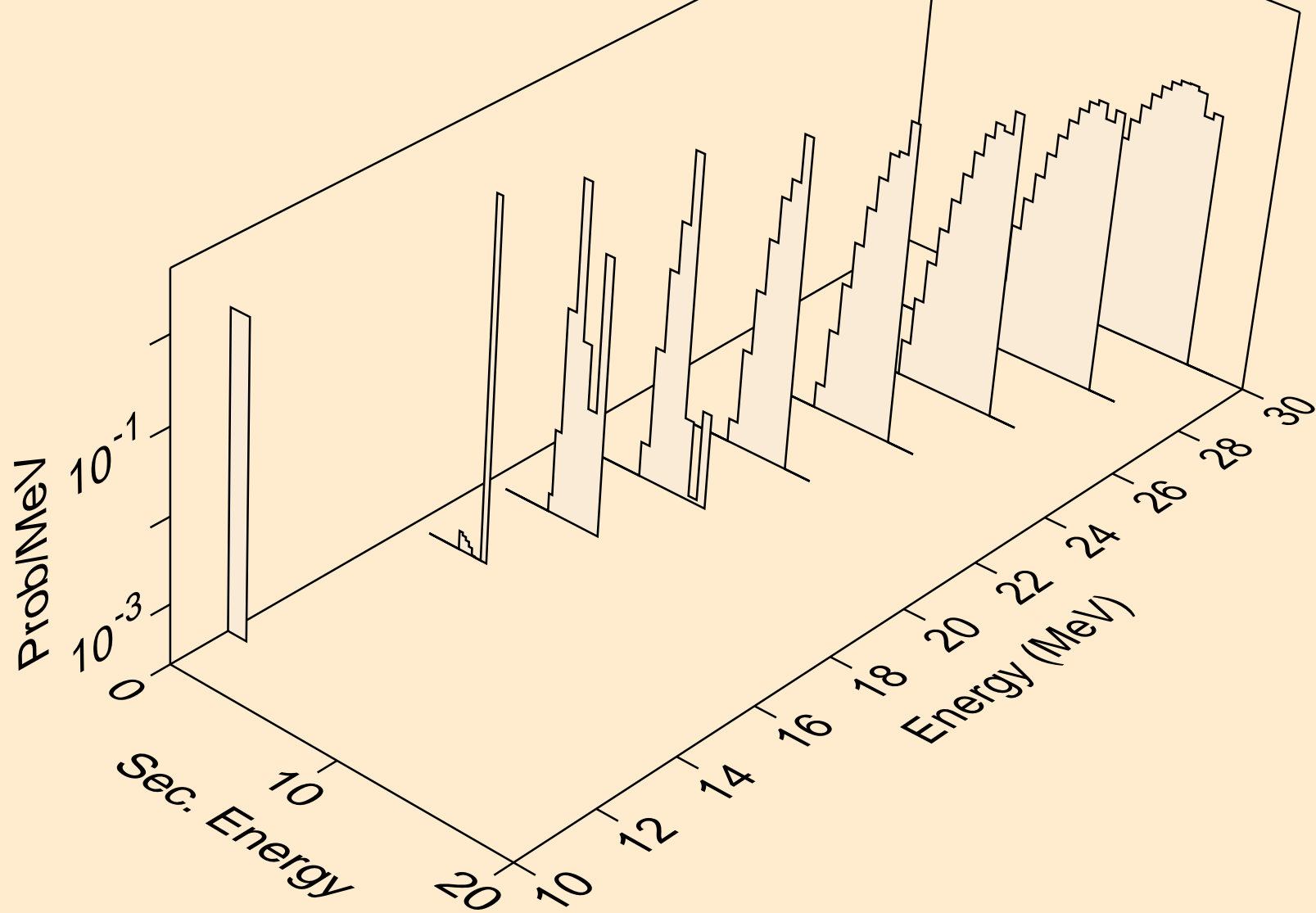
TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



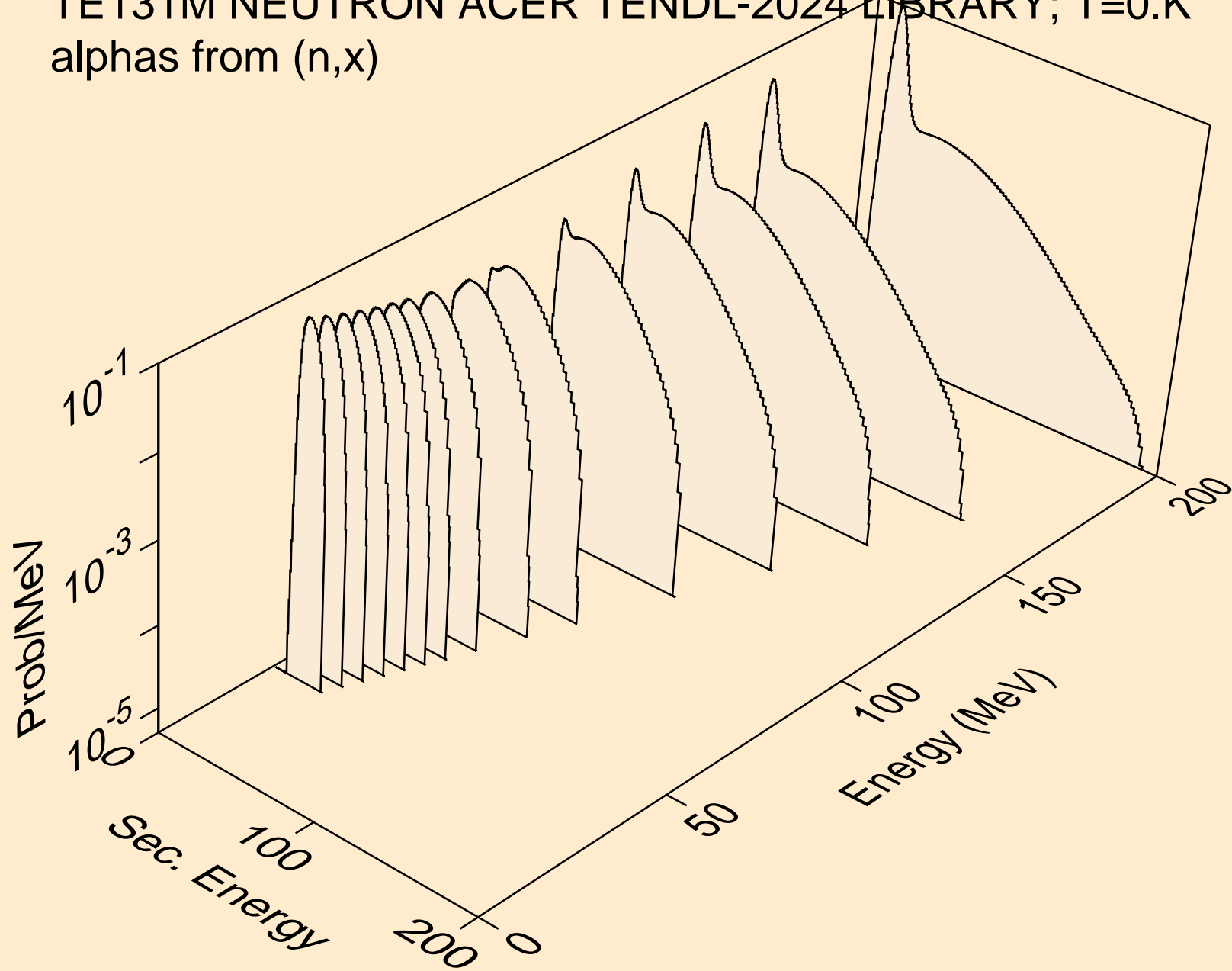
TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



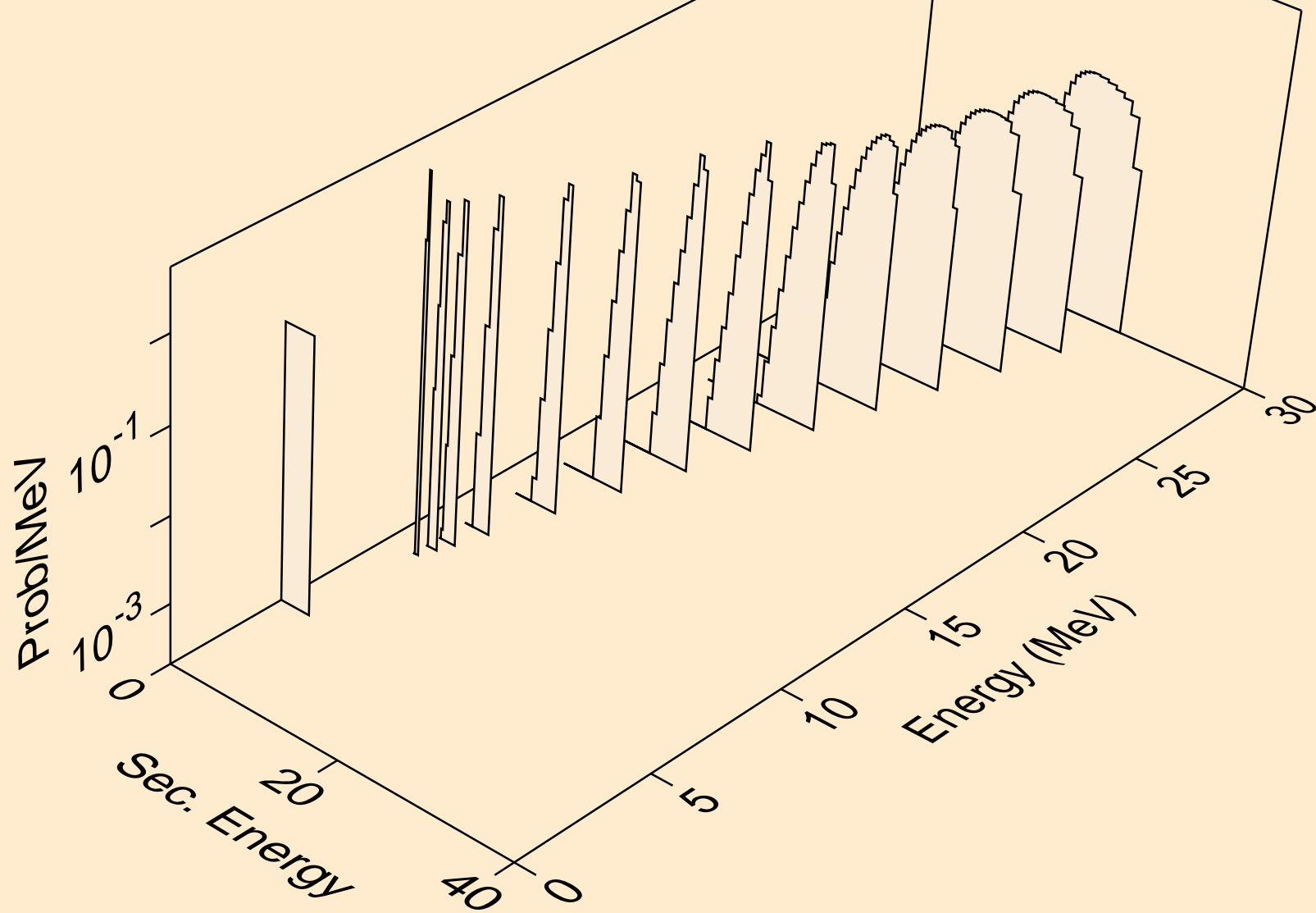
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he3s from (n,he3)



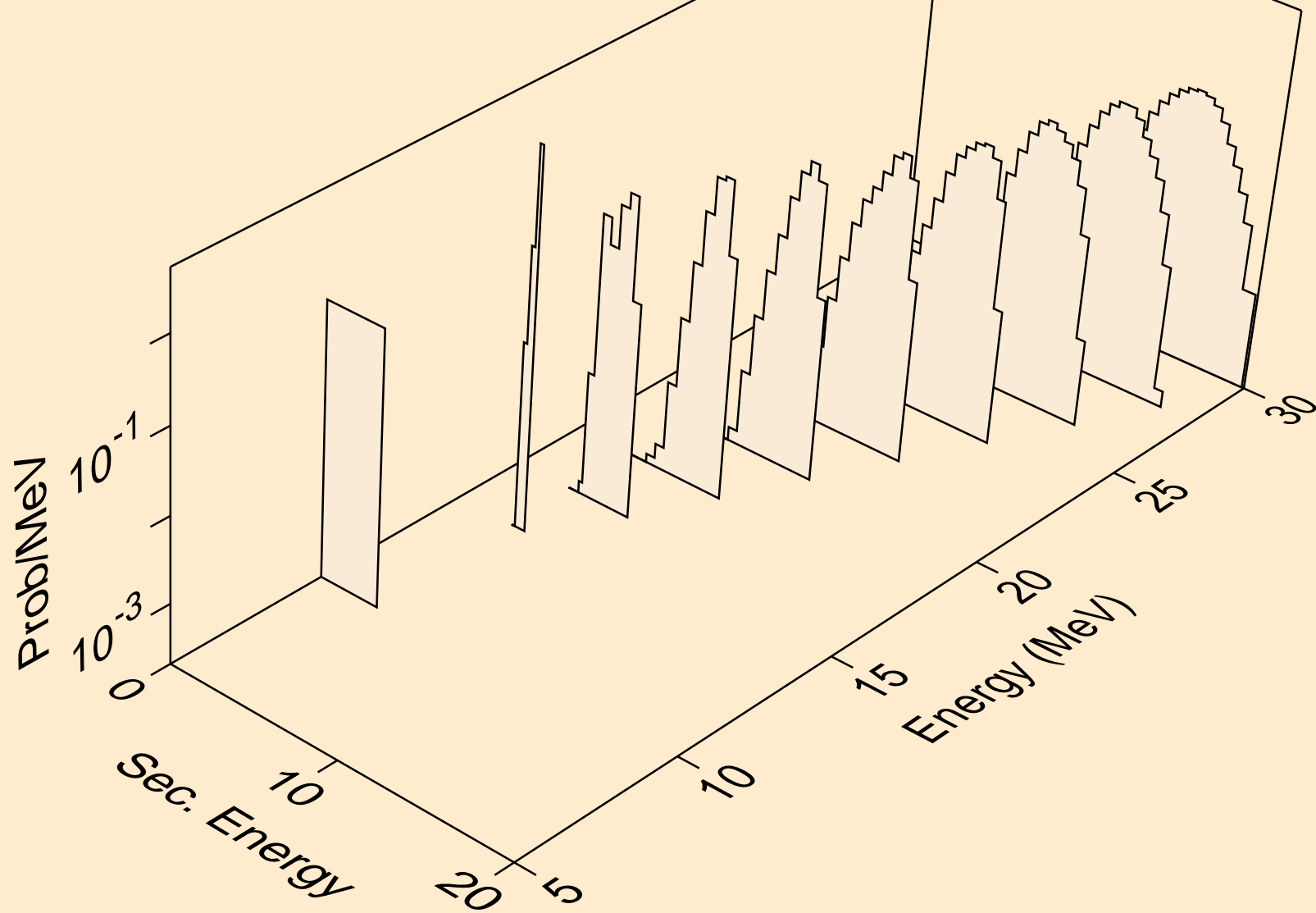
TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



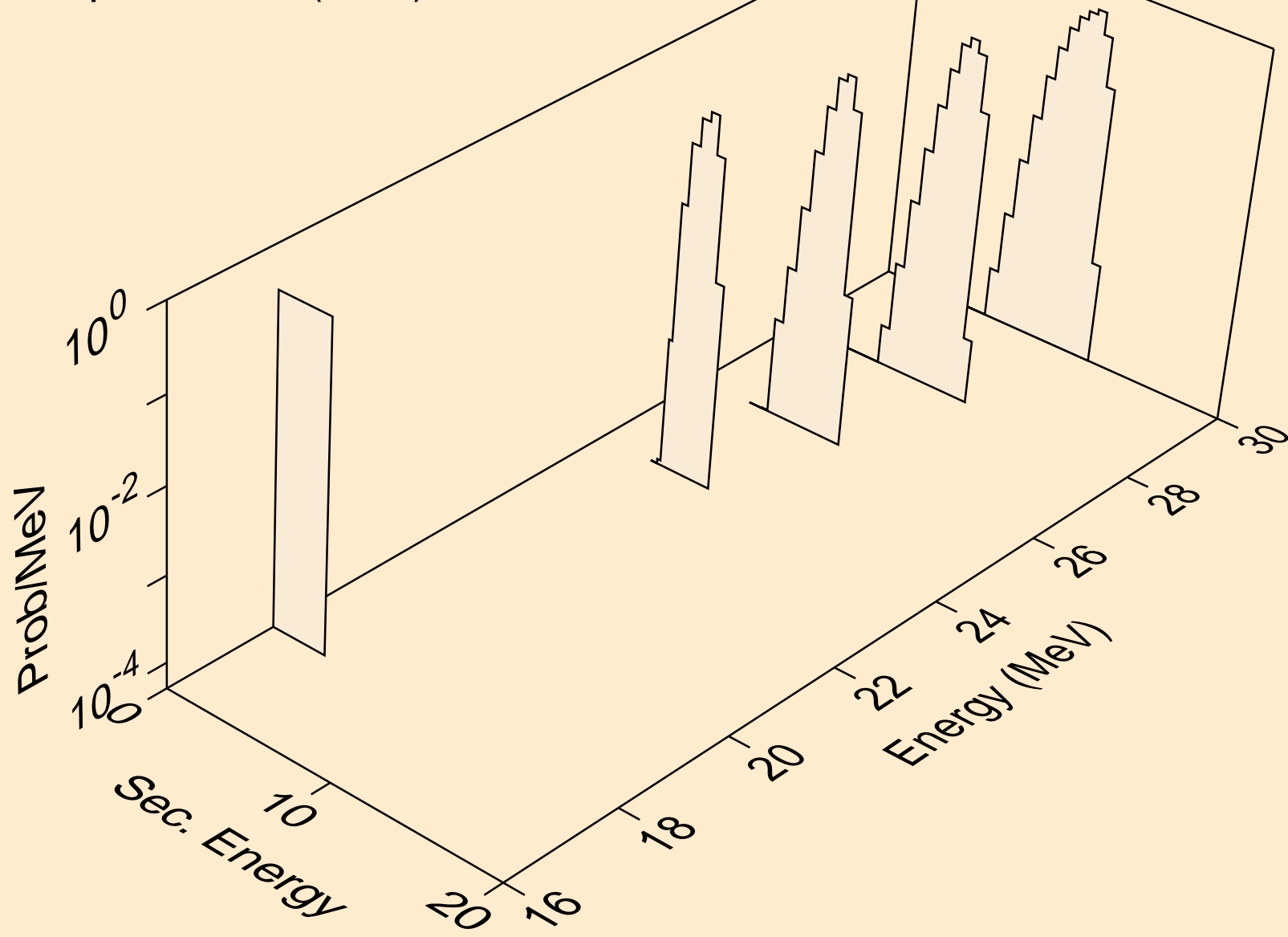
TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



TE131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)

