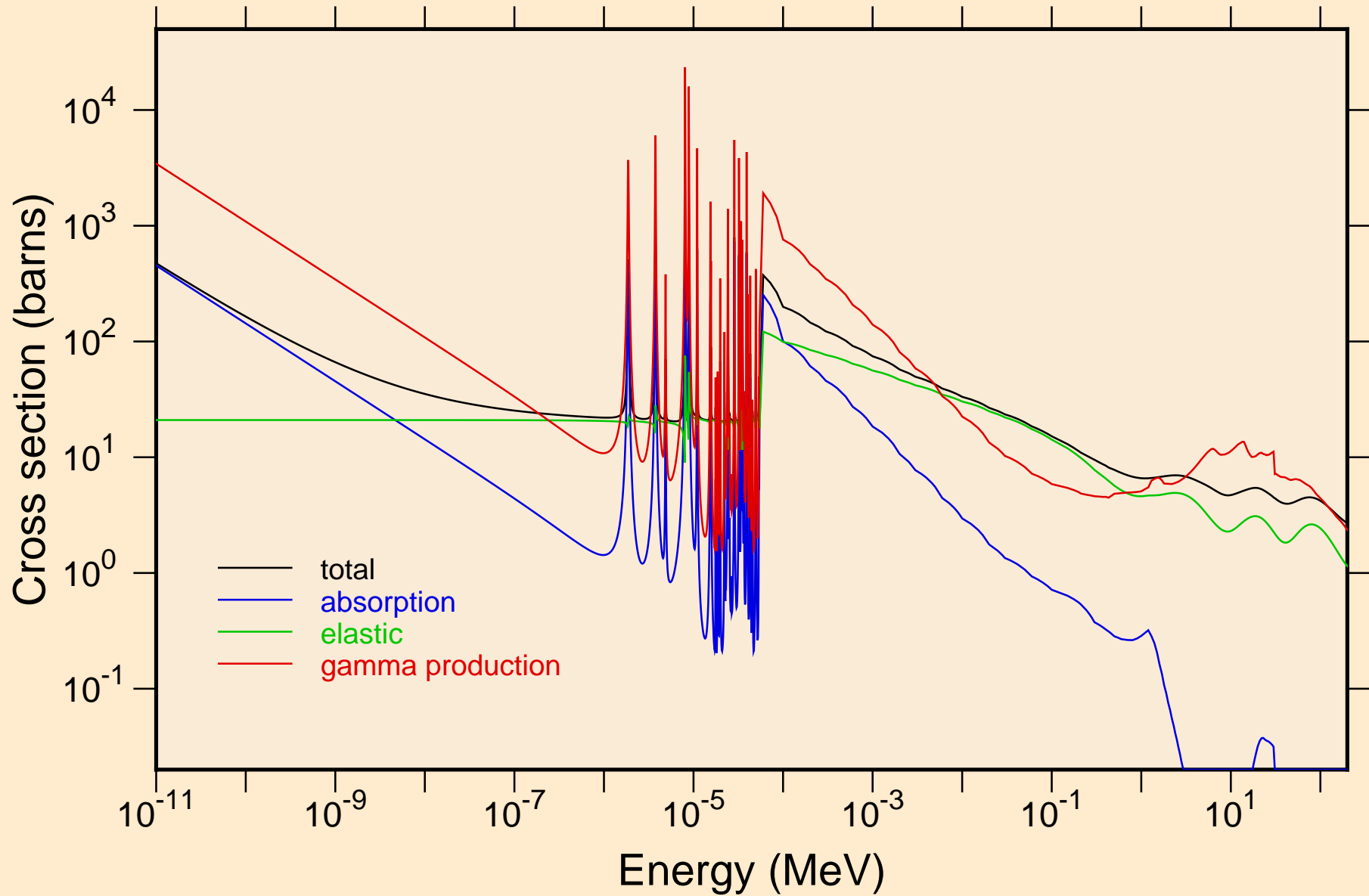
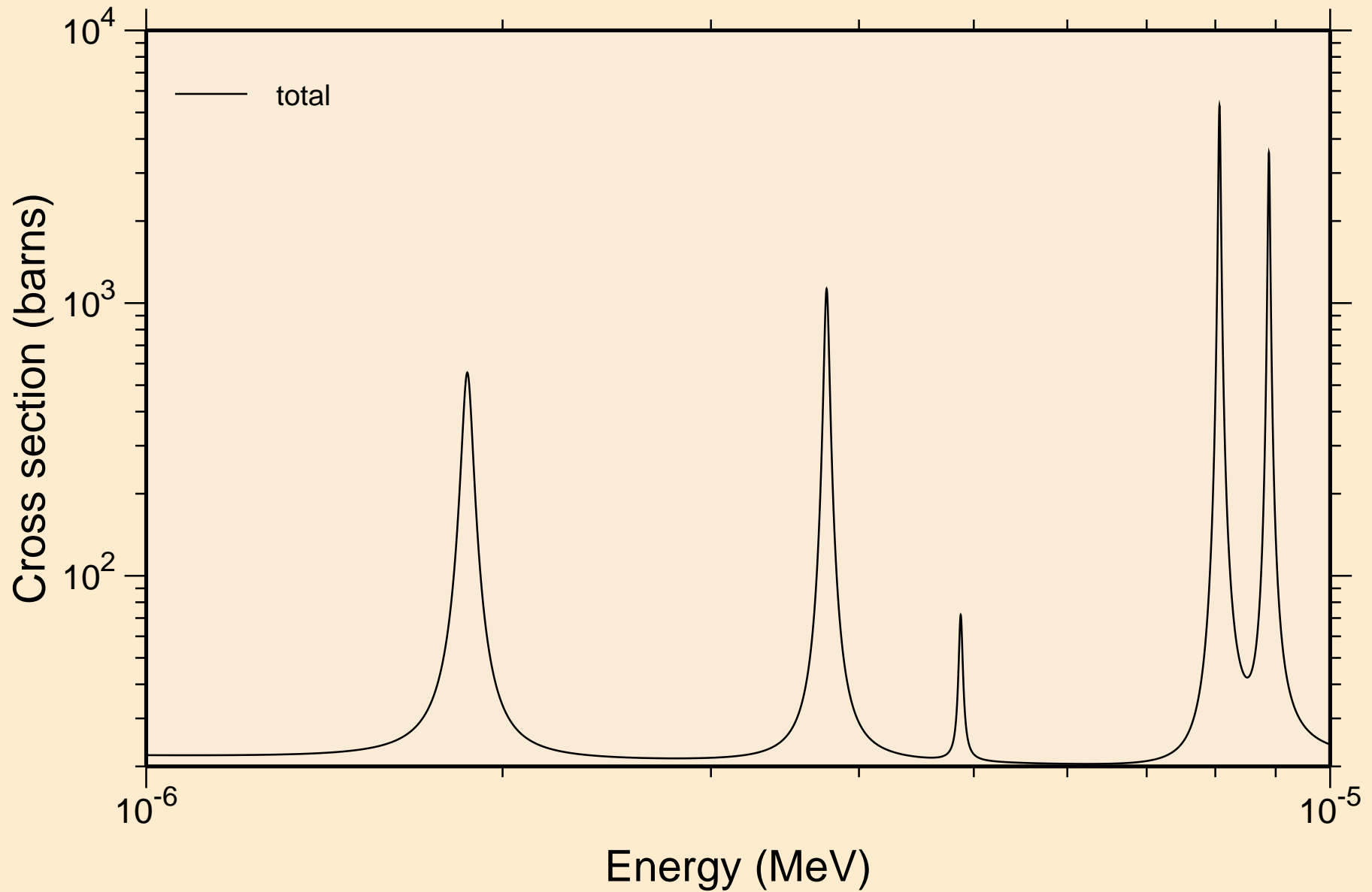


# LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

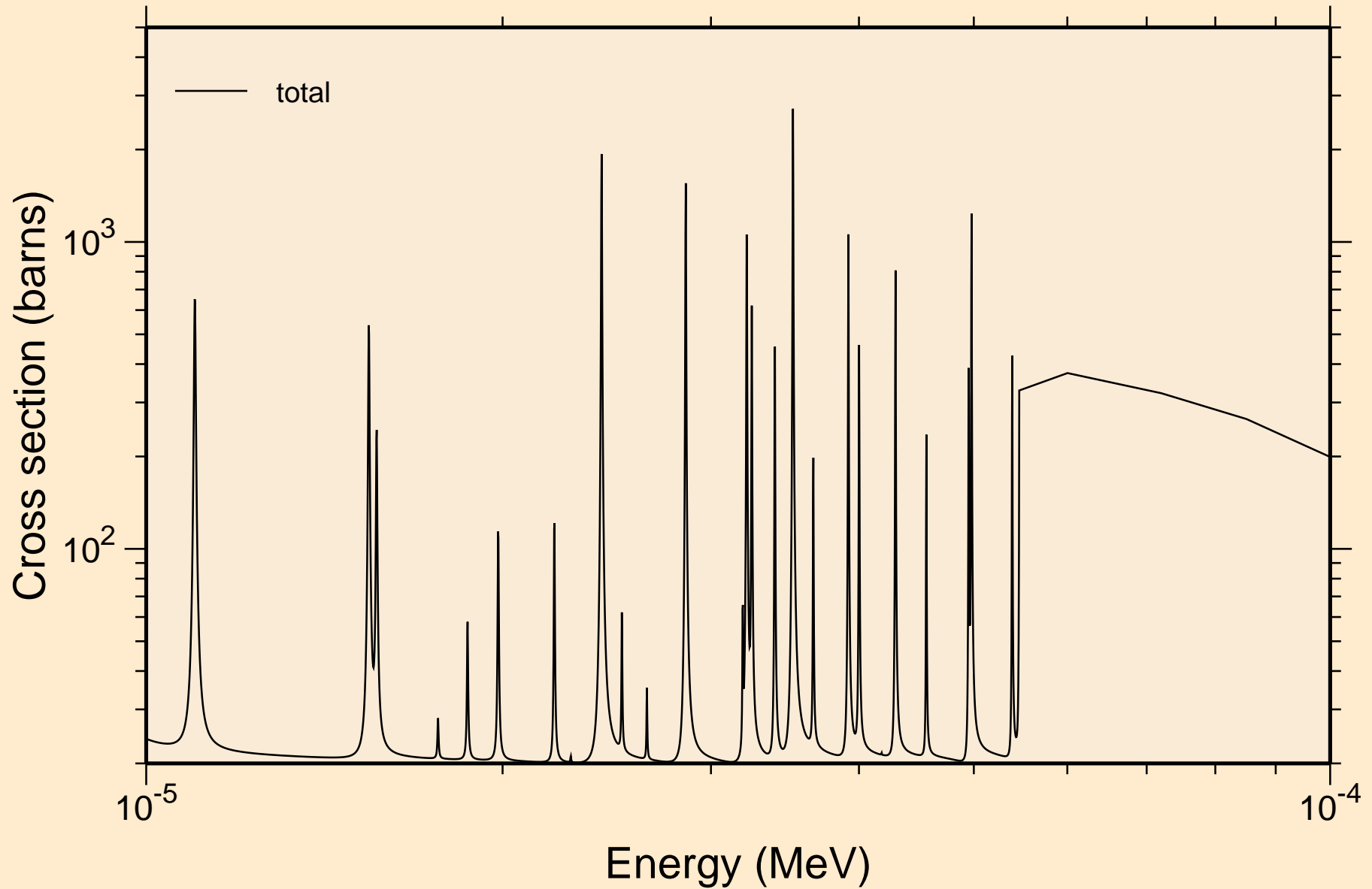
## Principal cross sections



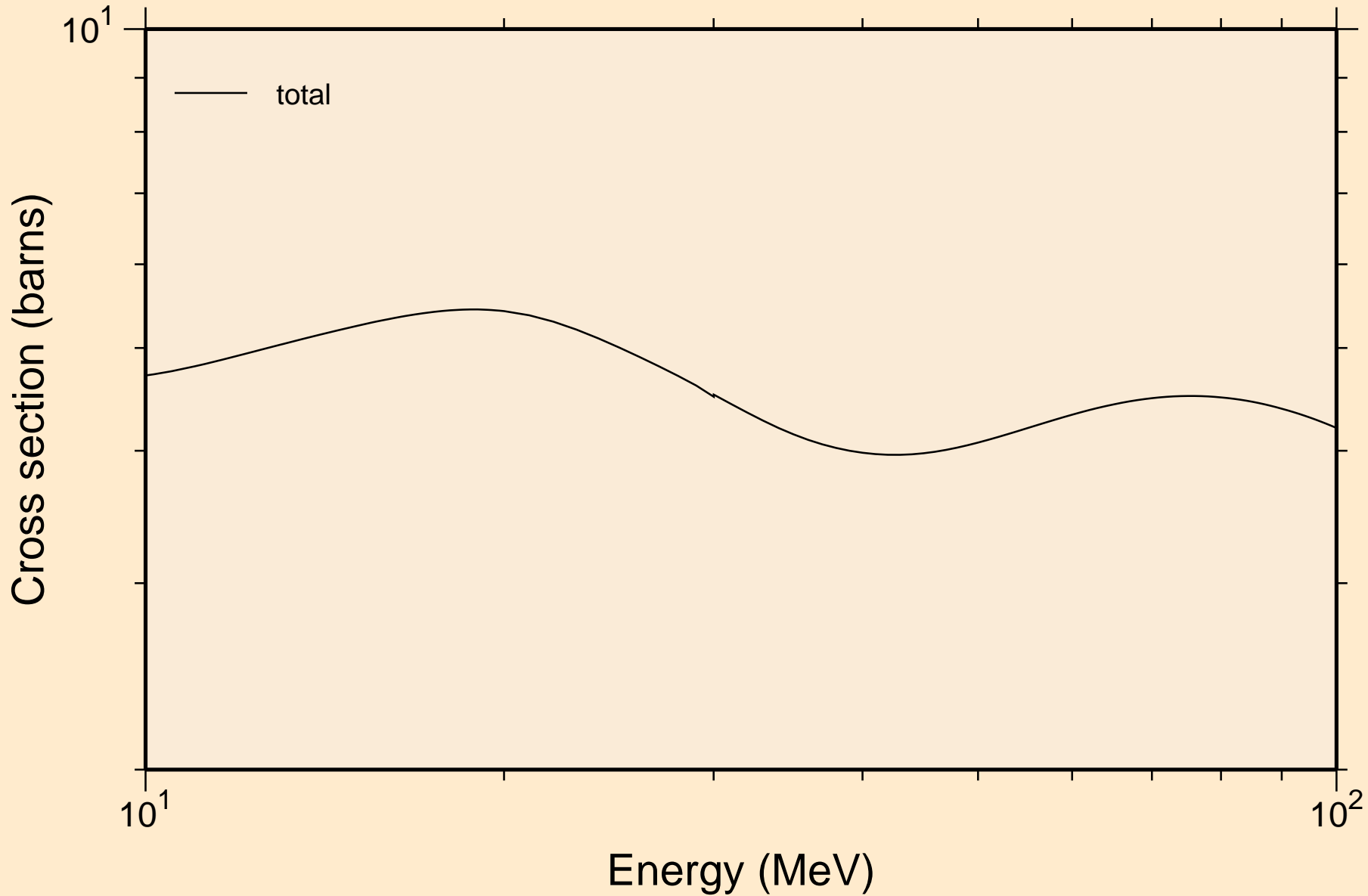
LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



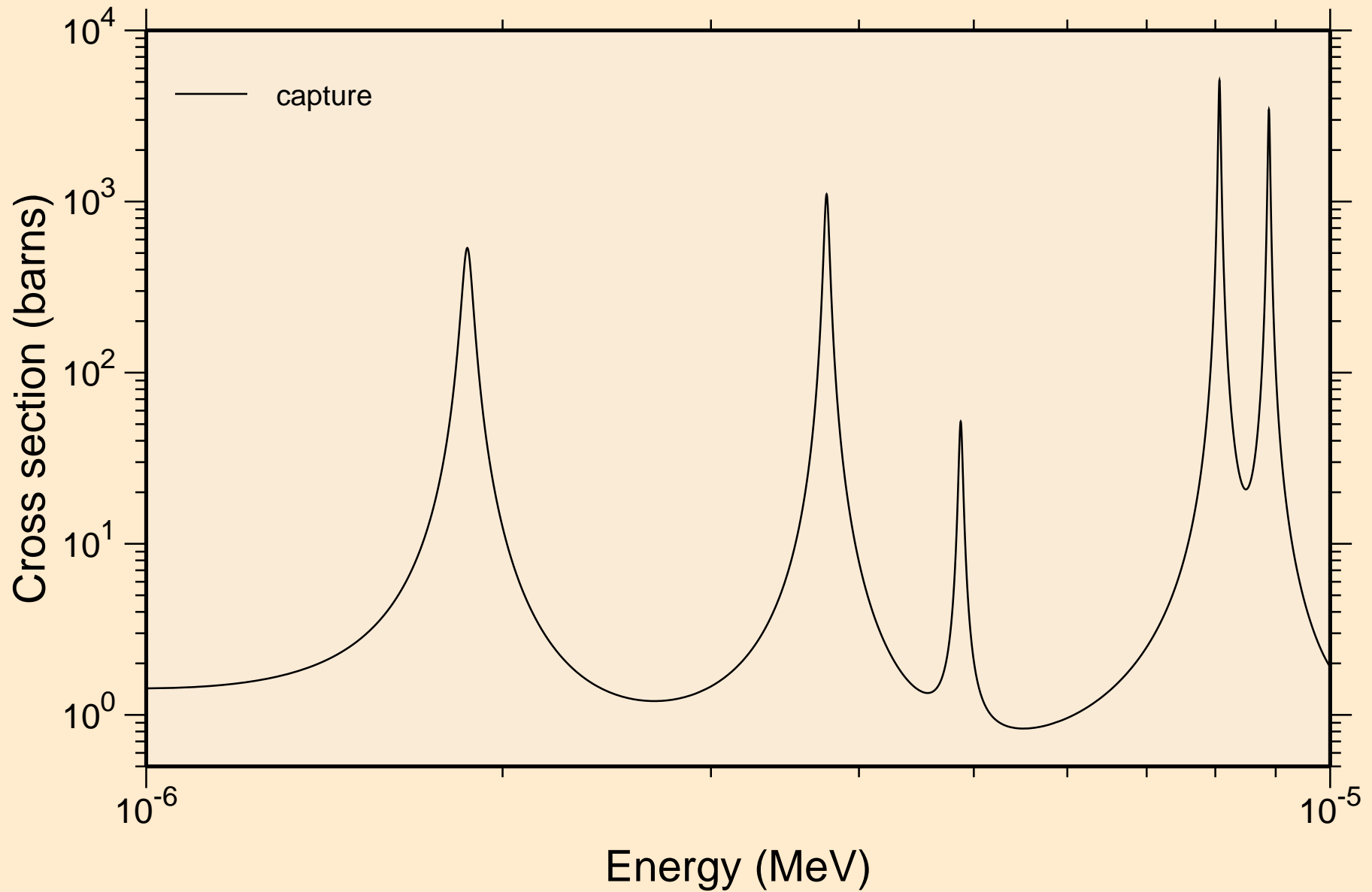
LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



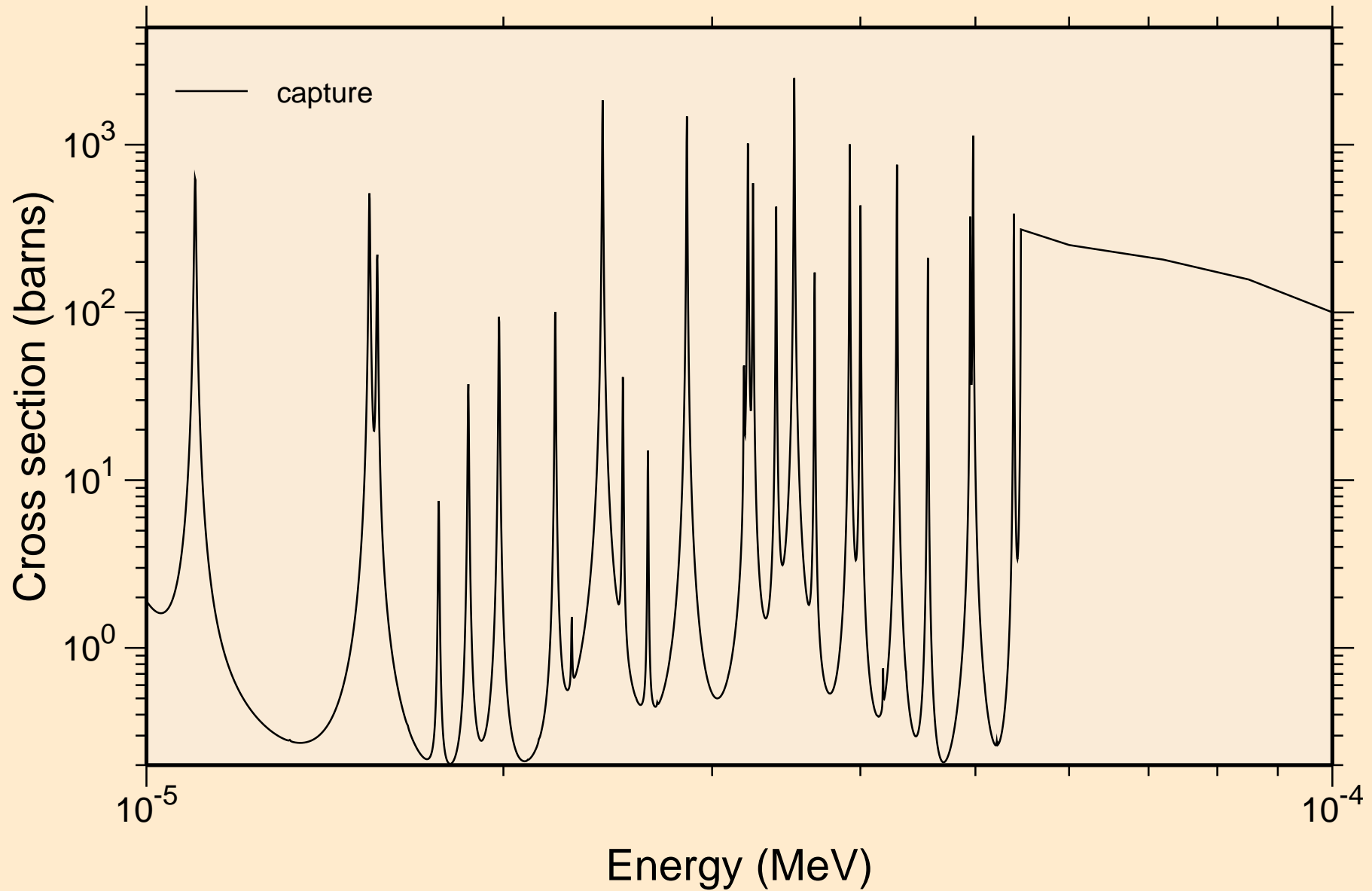
LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



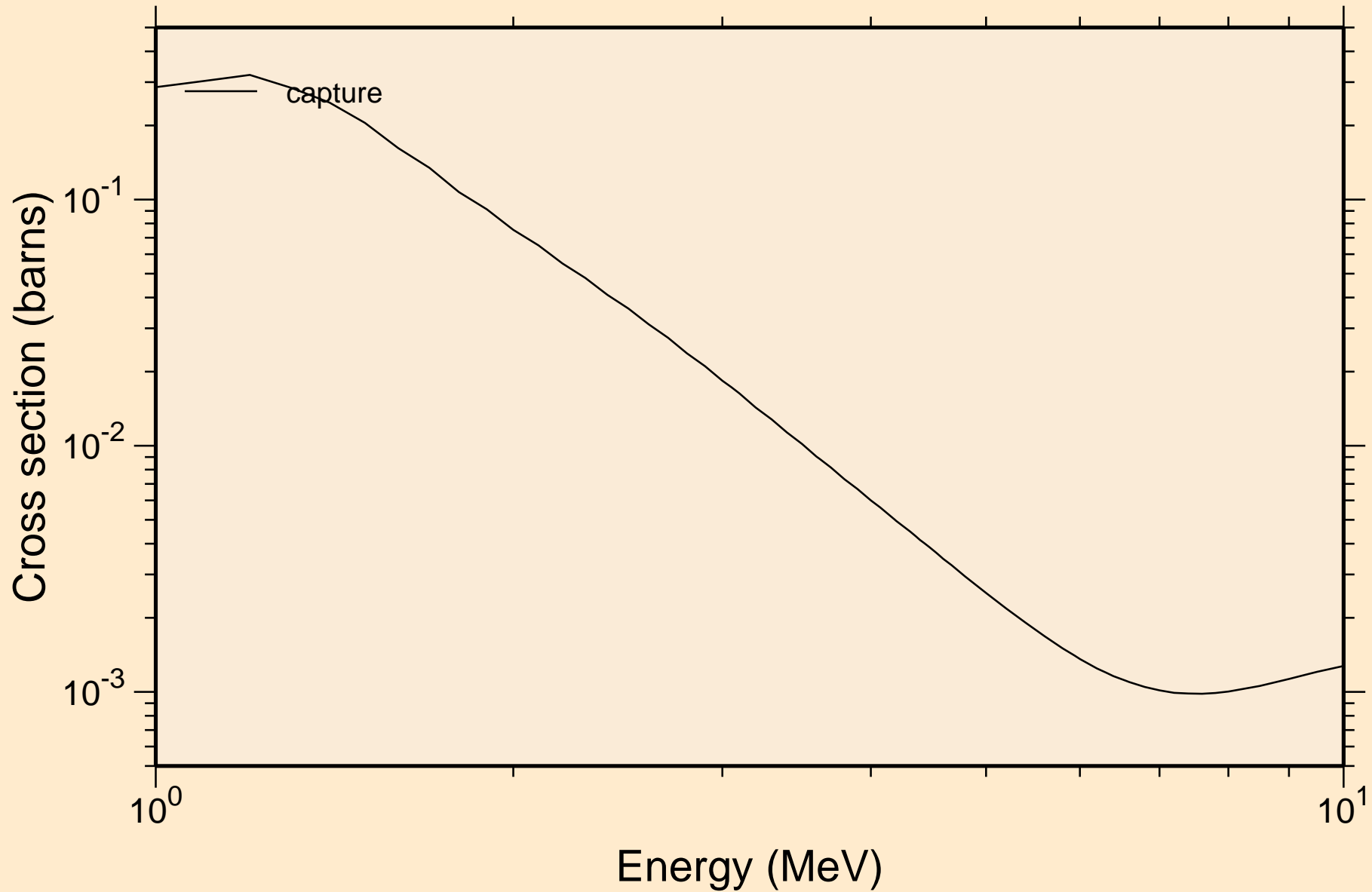
LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



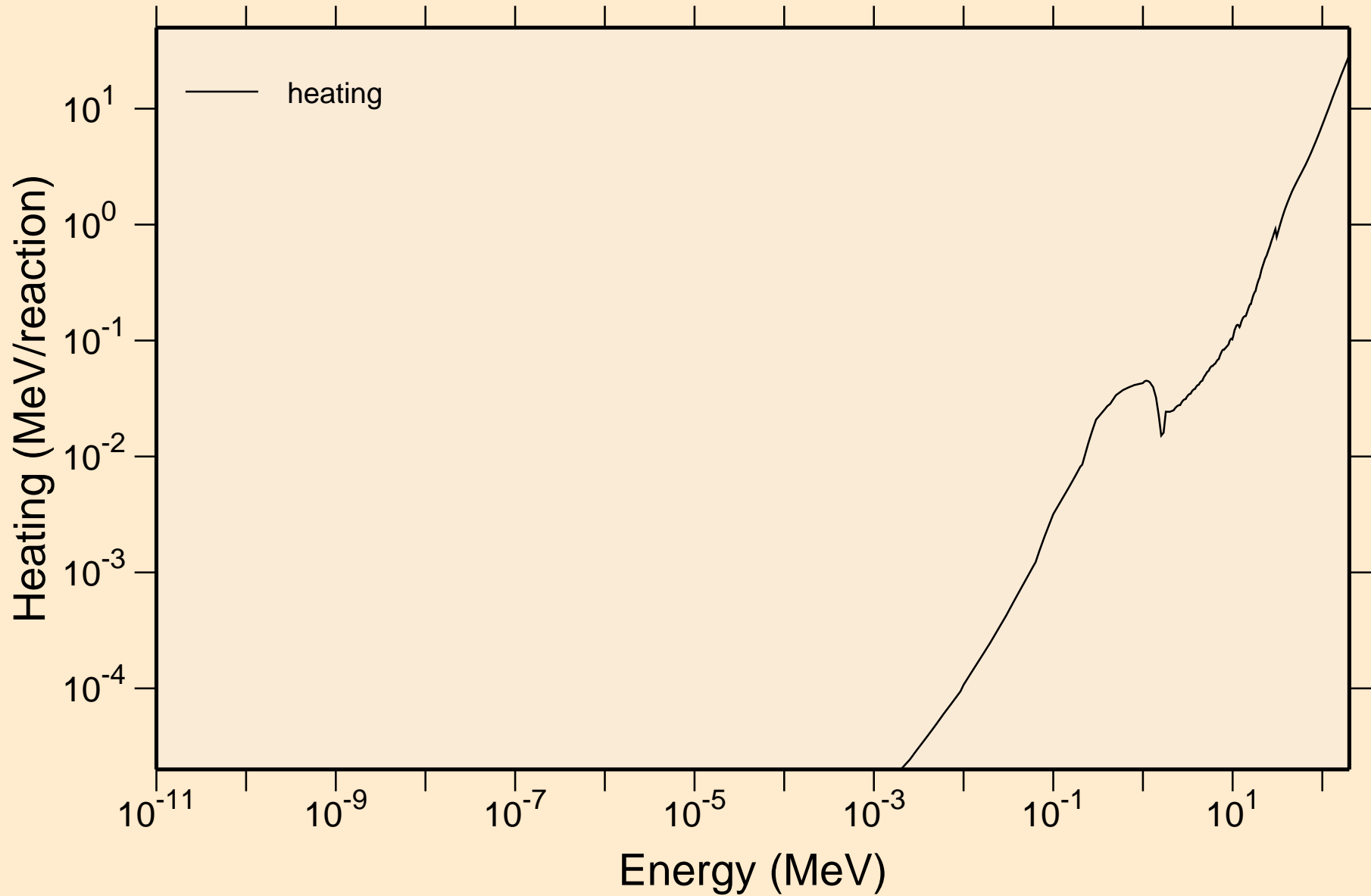
LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



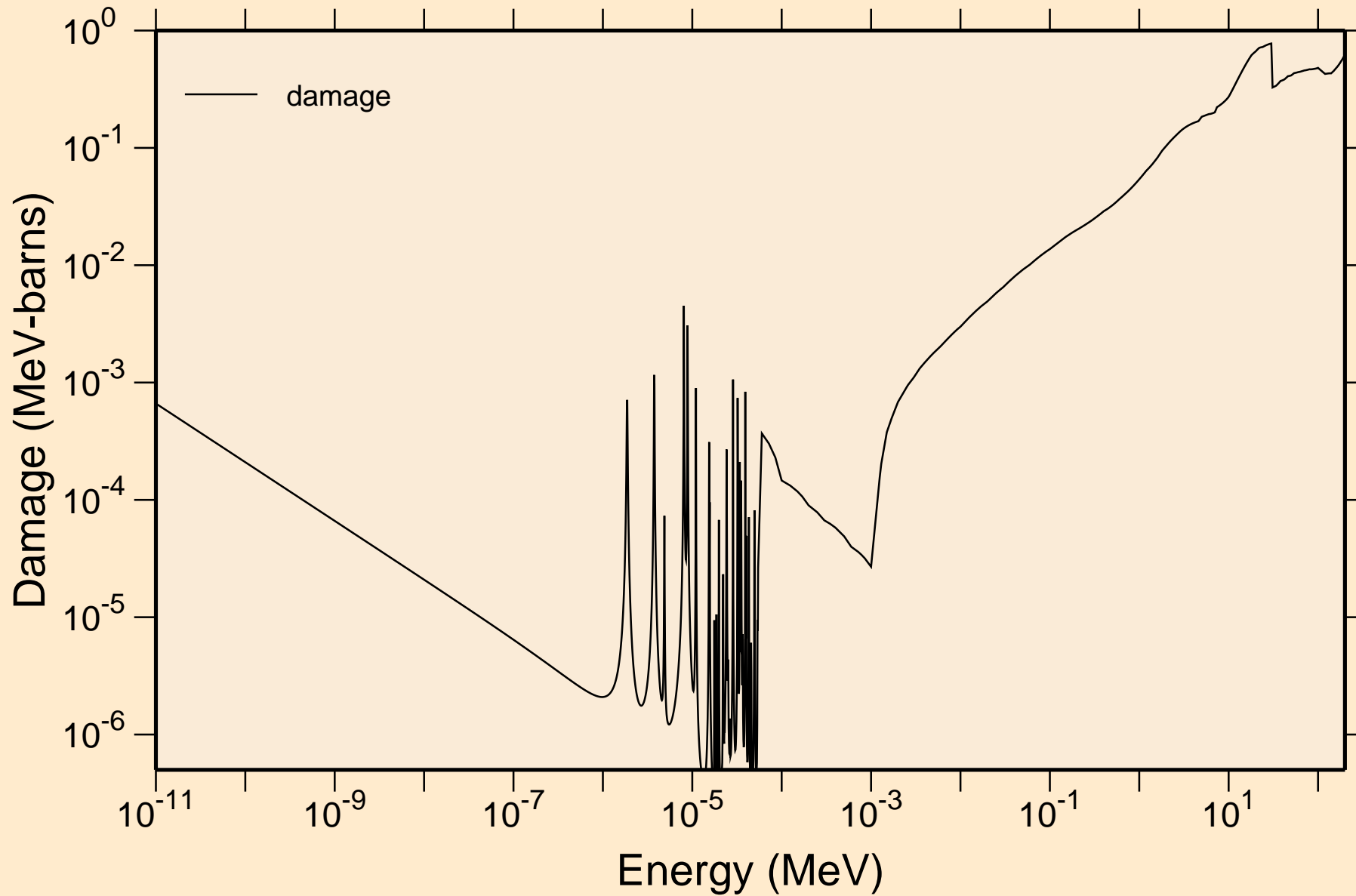
LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Heating



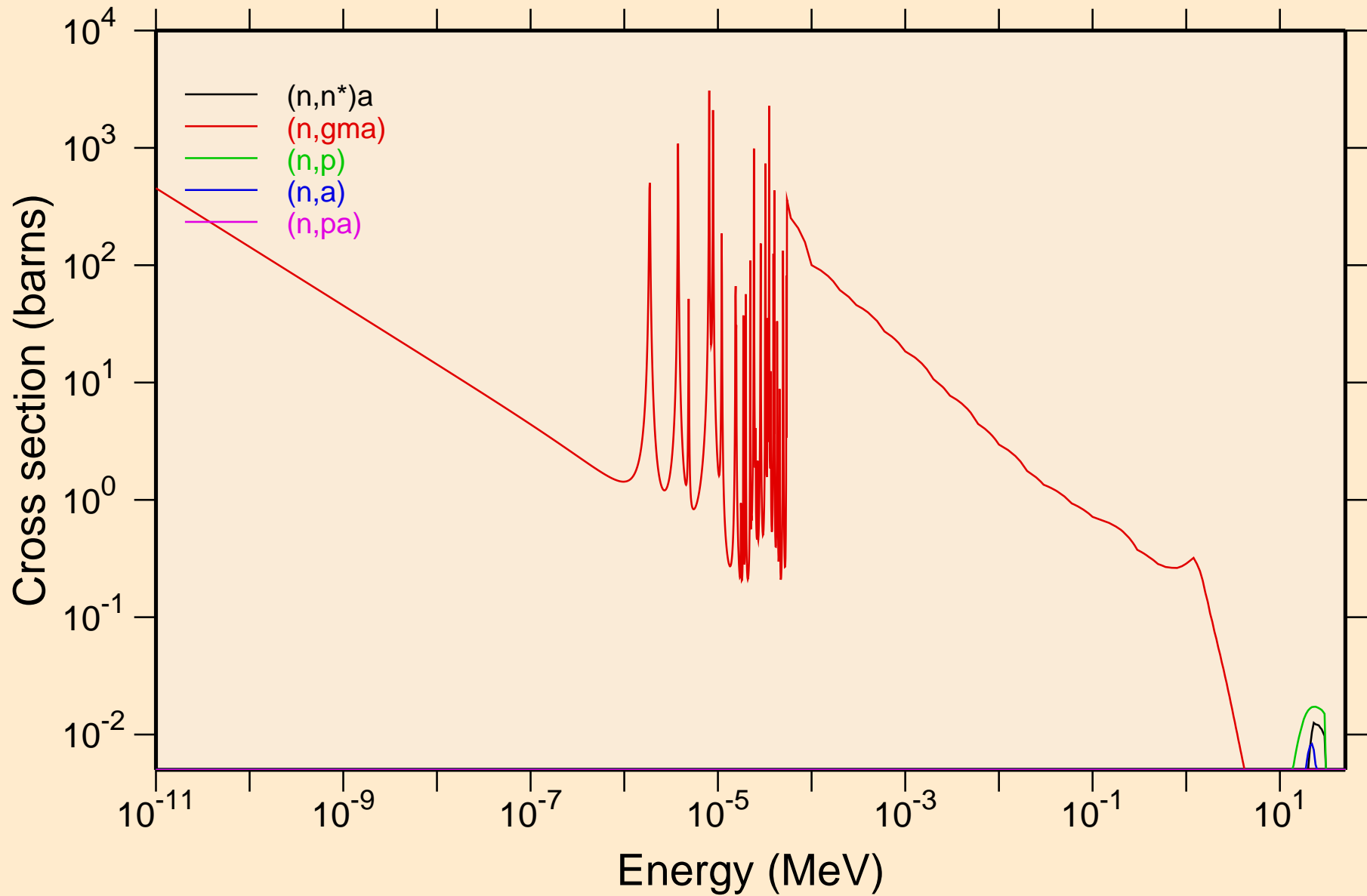


# LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

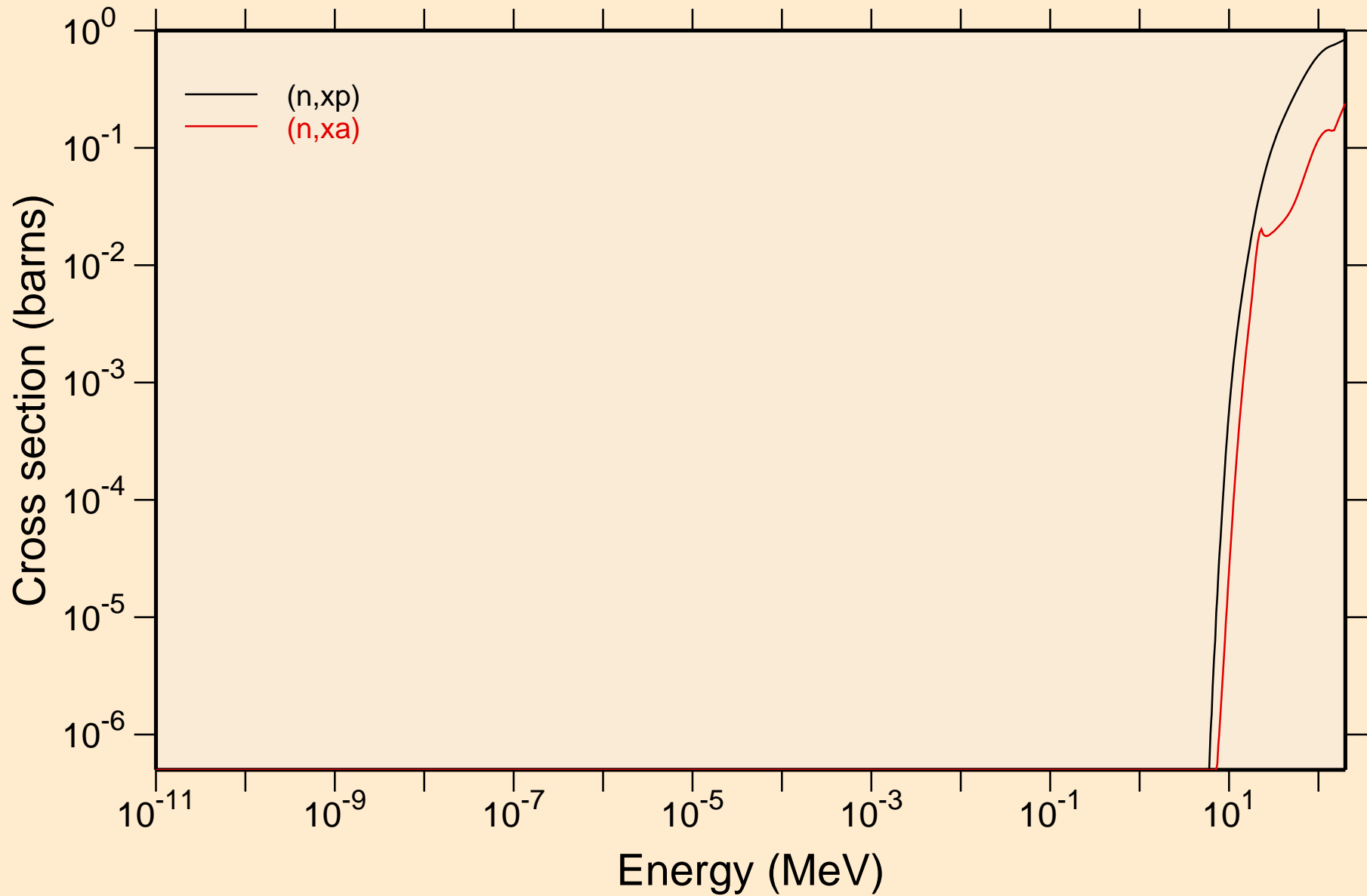
## Damage



LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

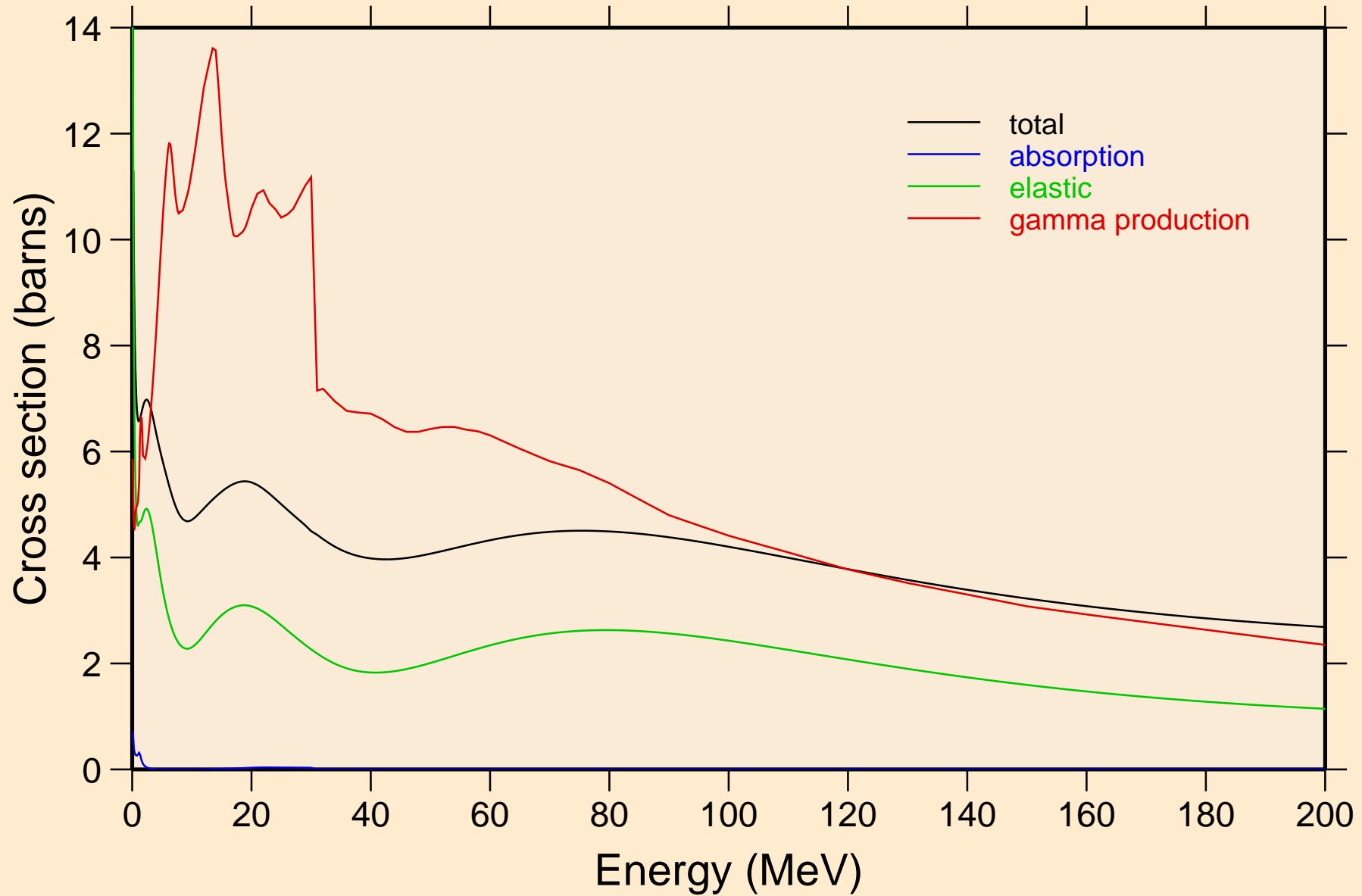


LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



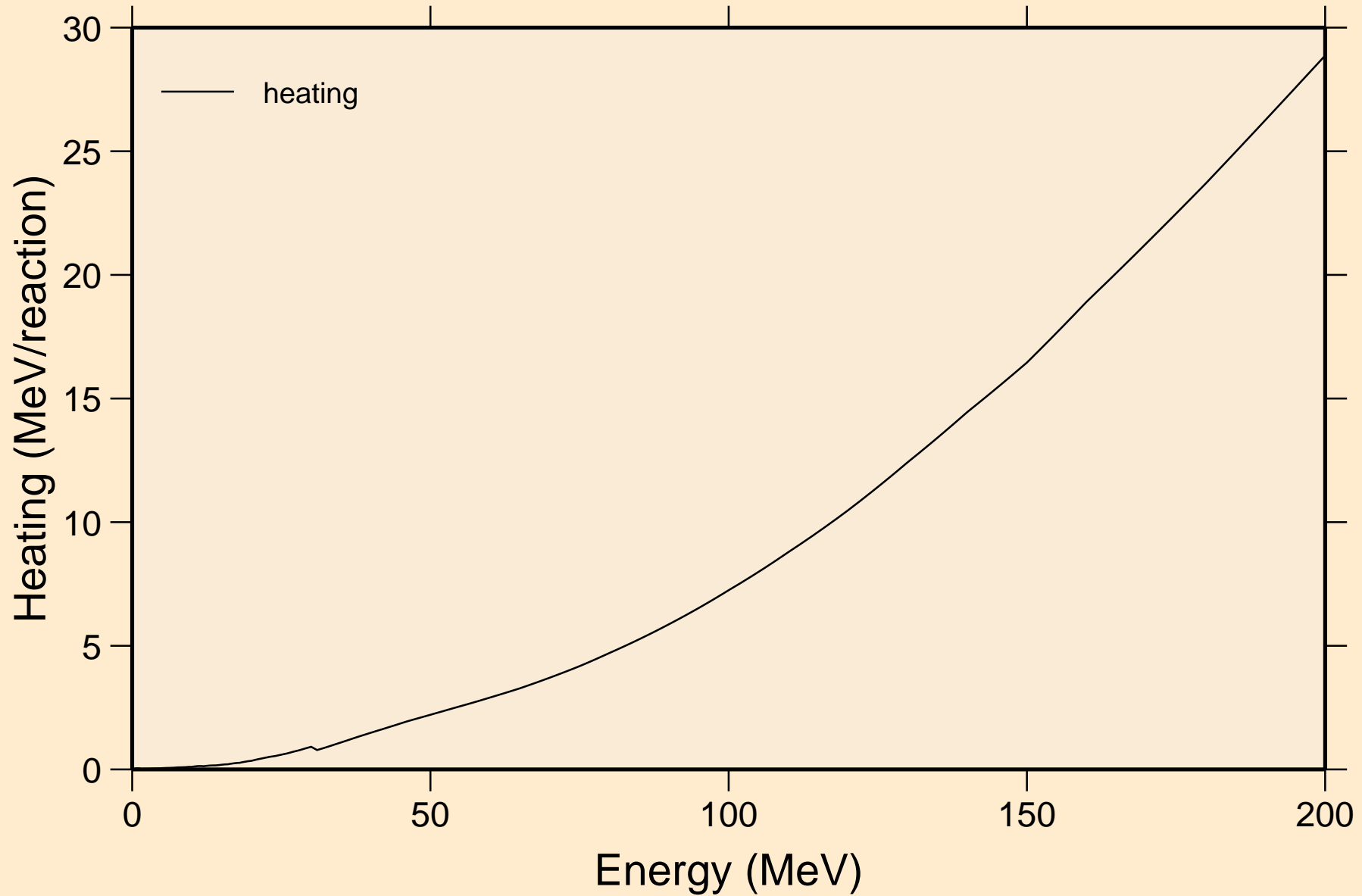
# LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections

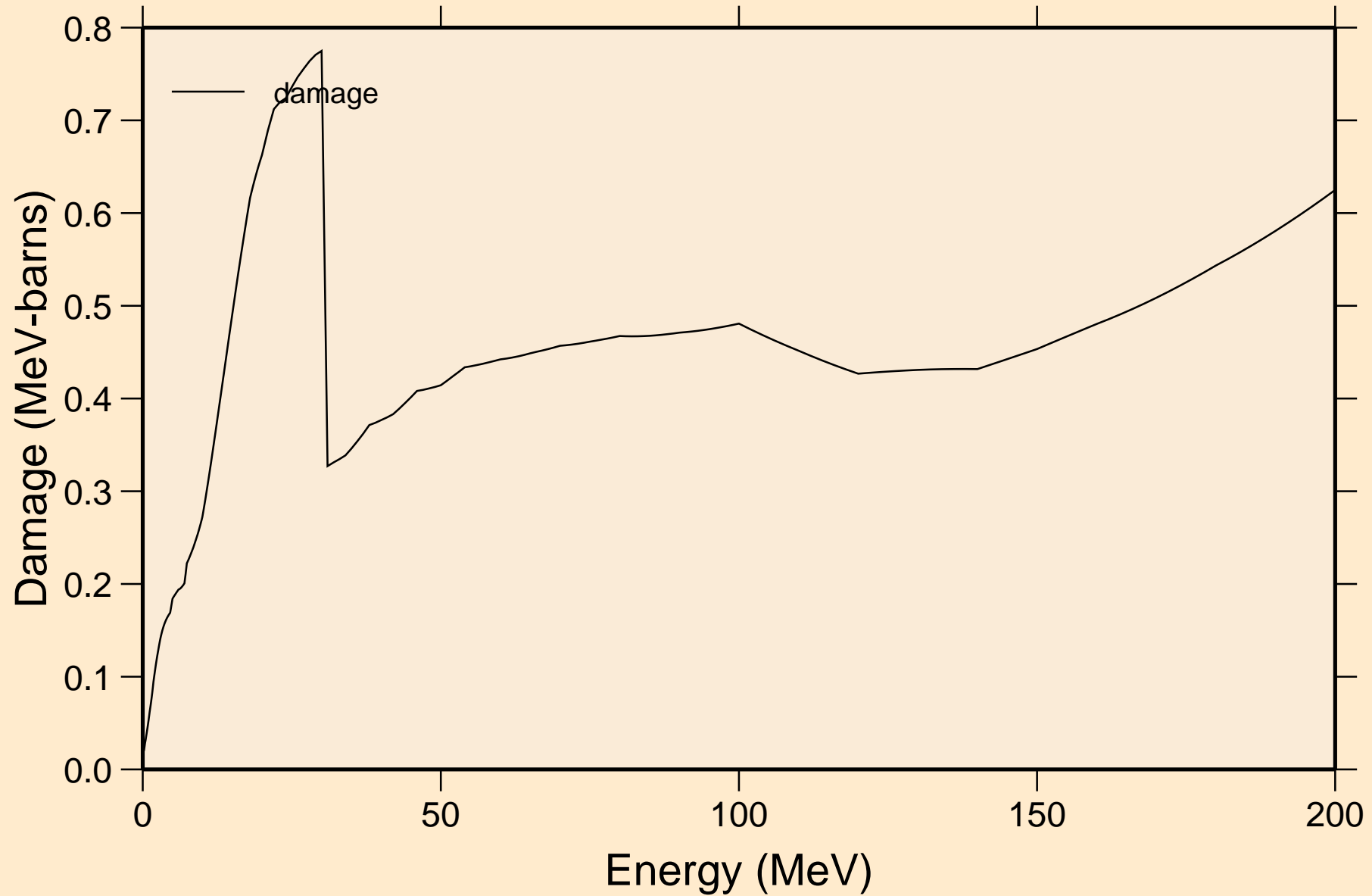


# LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

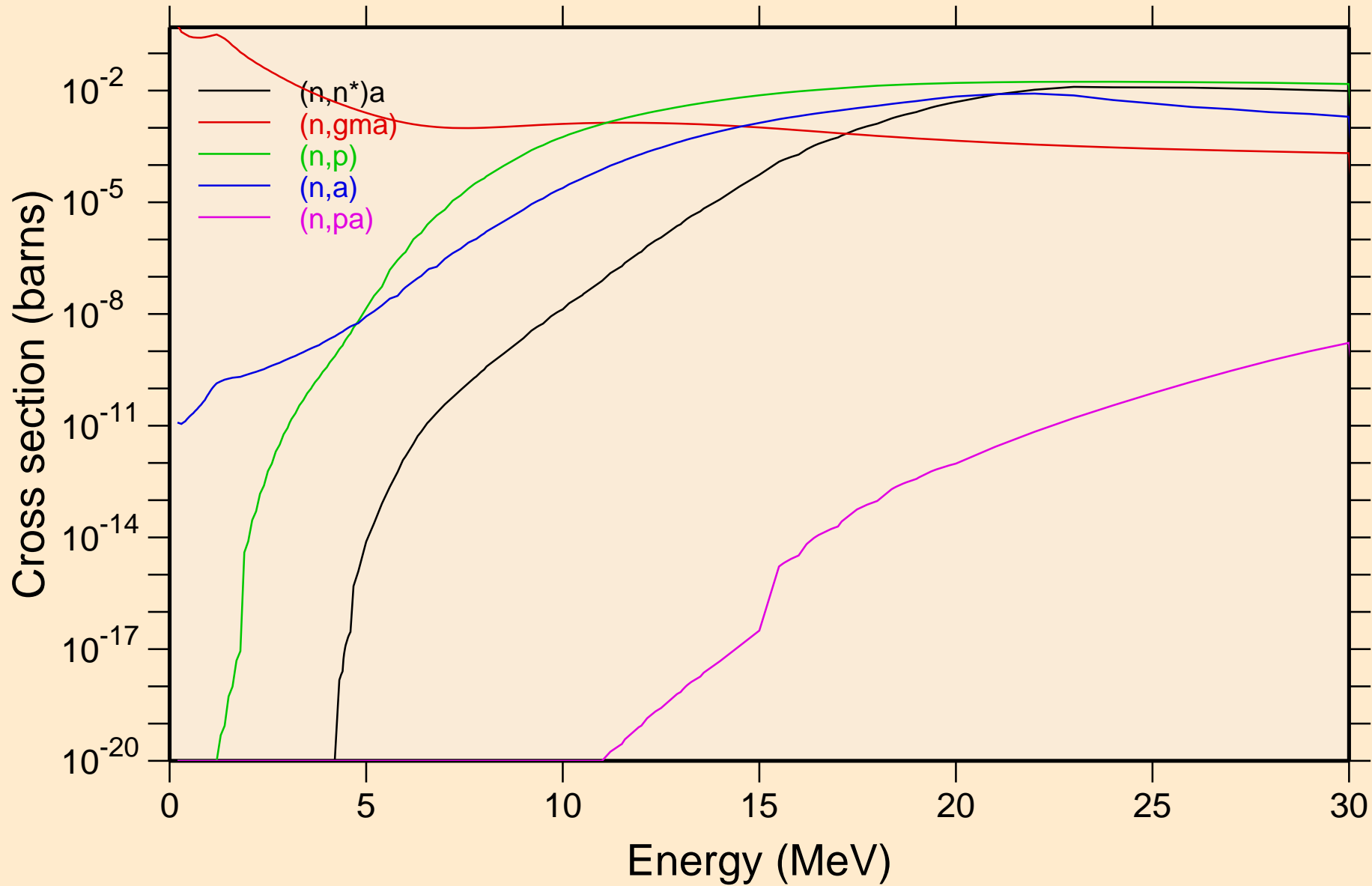
## Heating



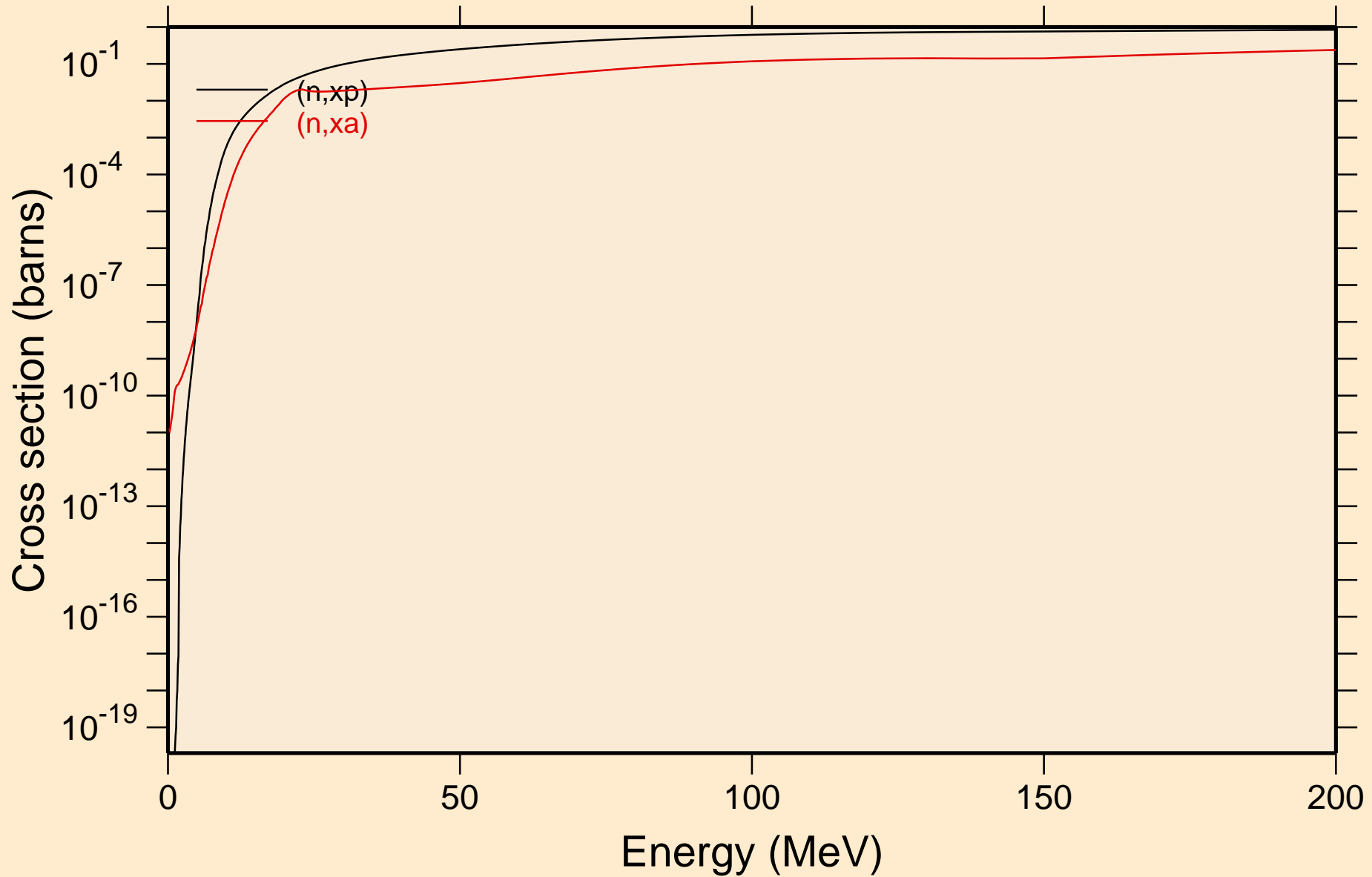
LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

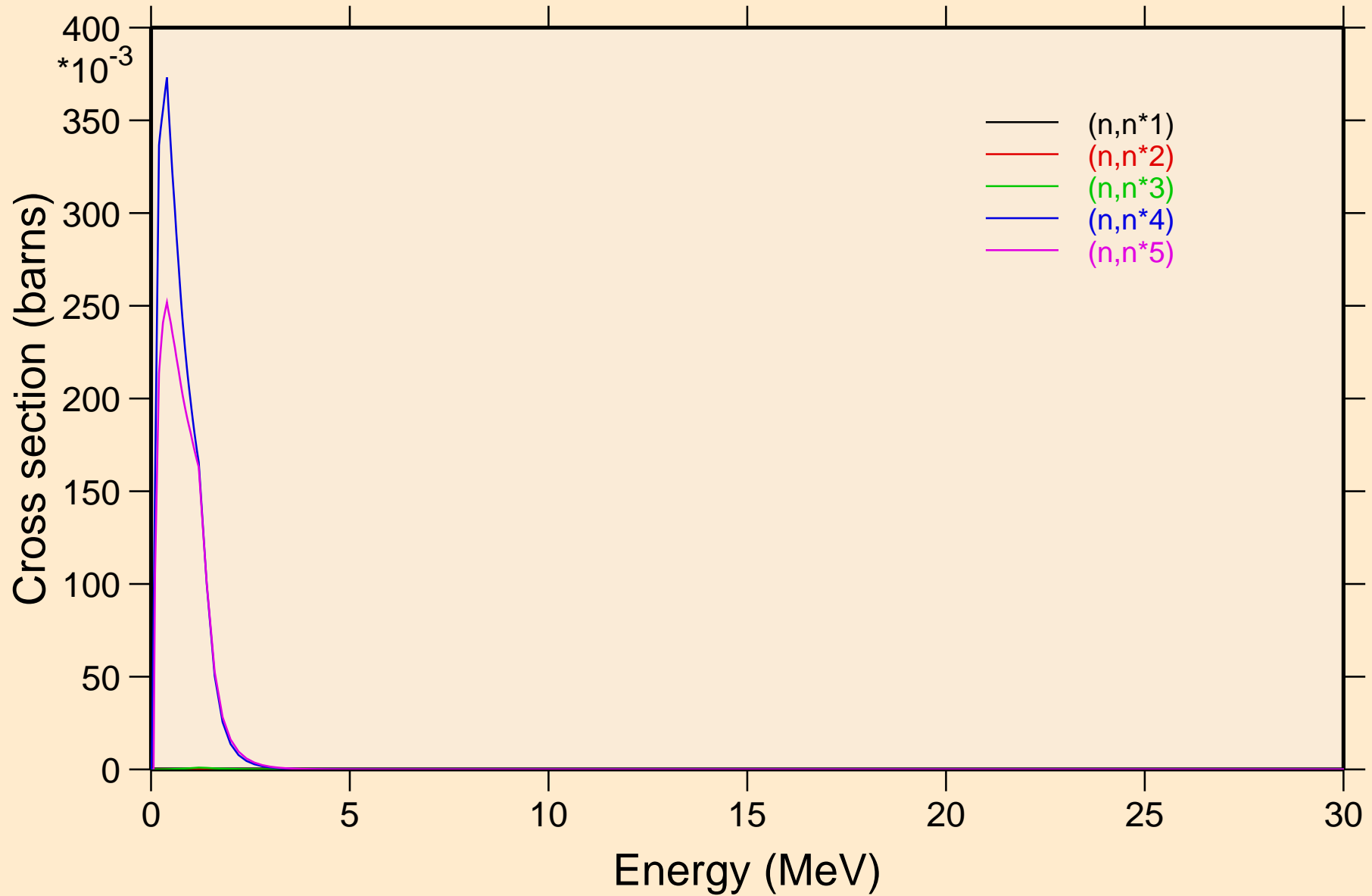


LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

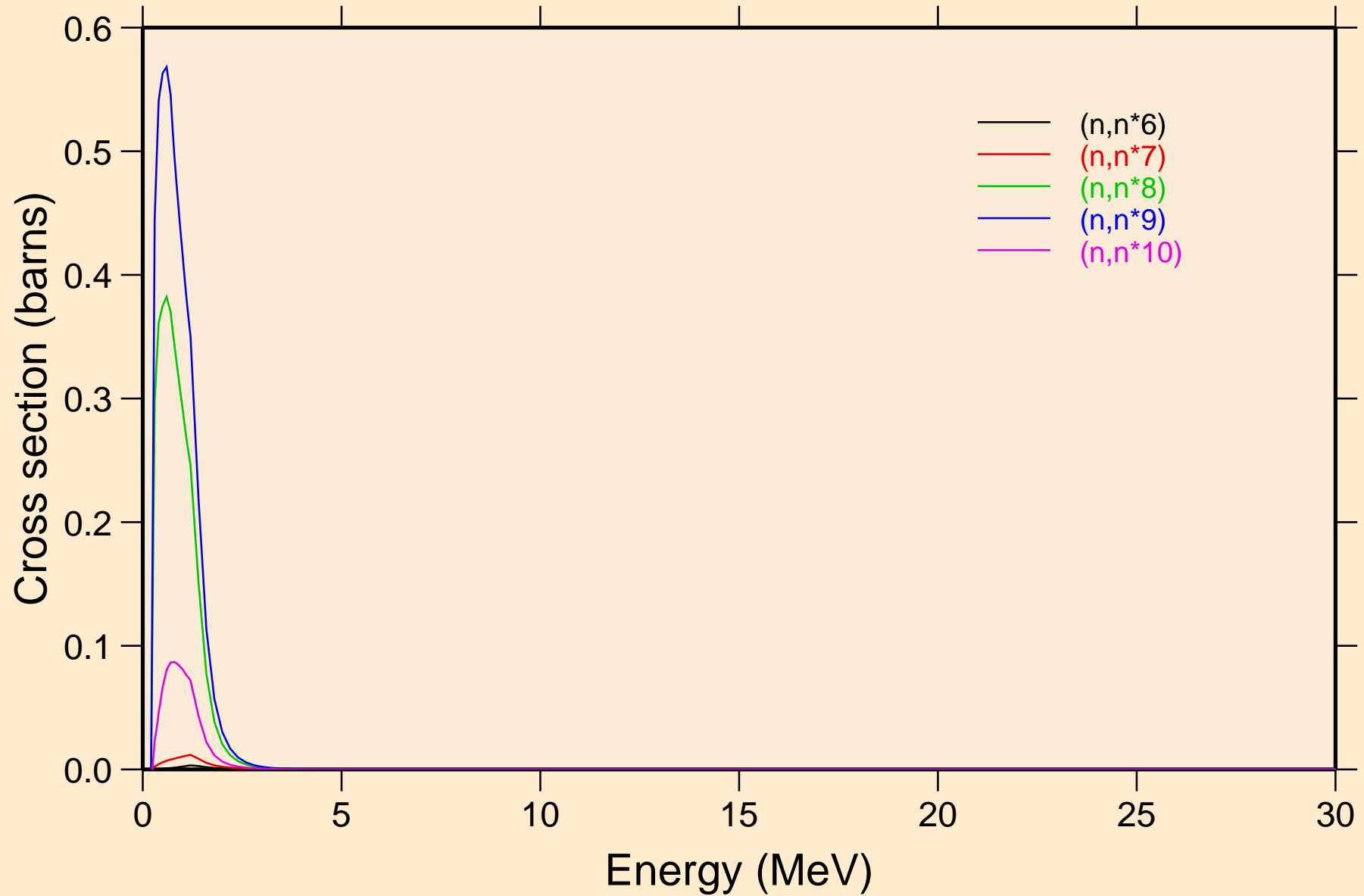




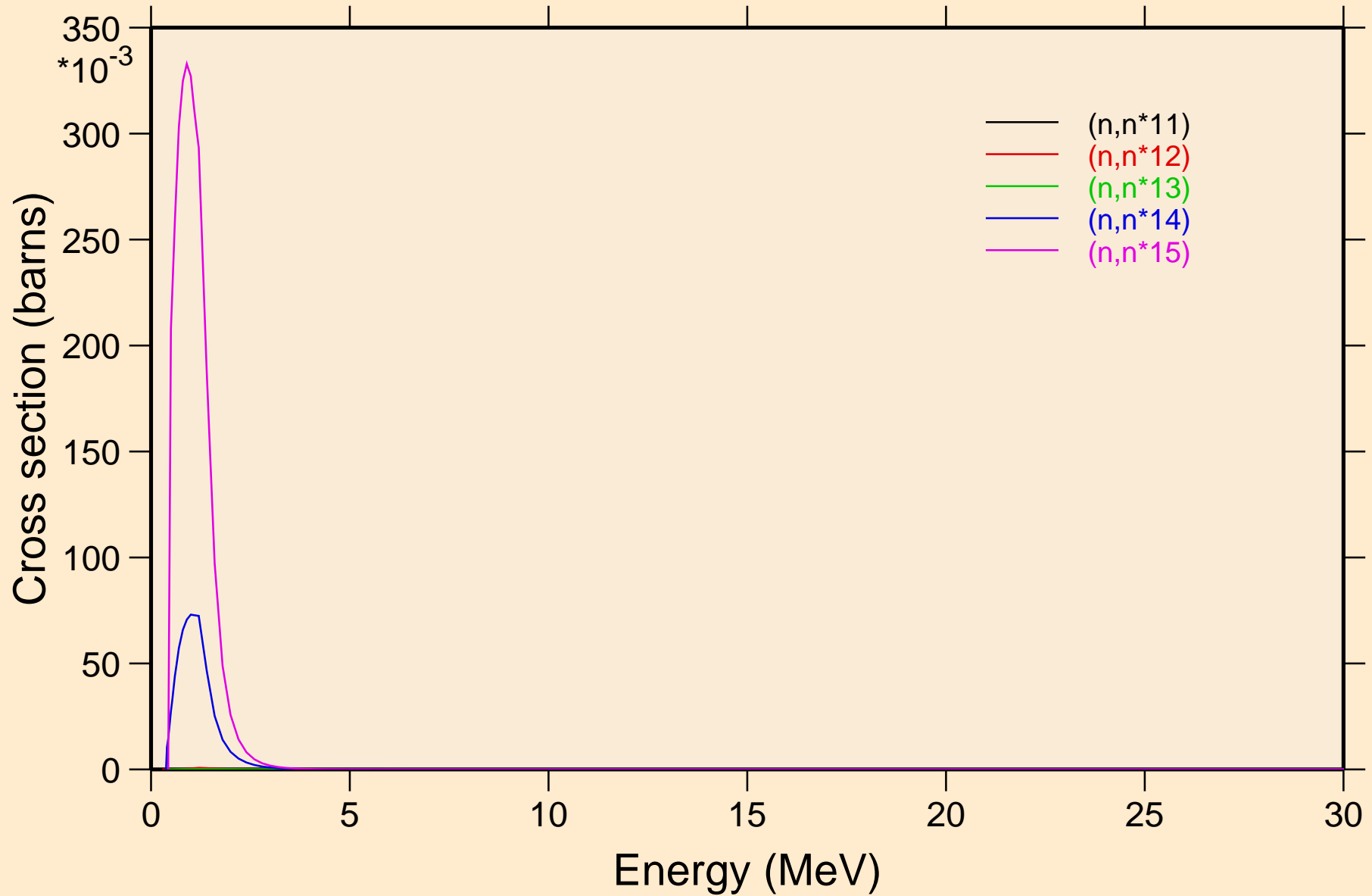
LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



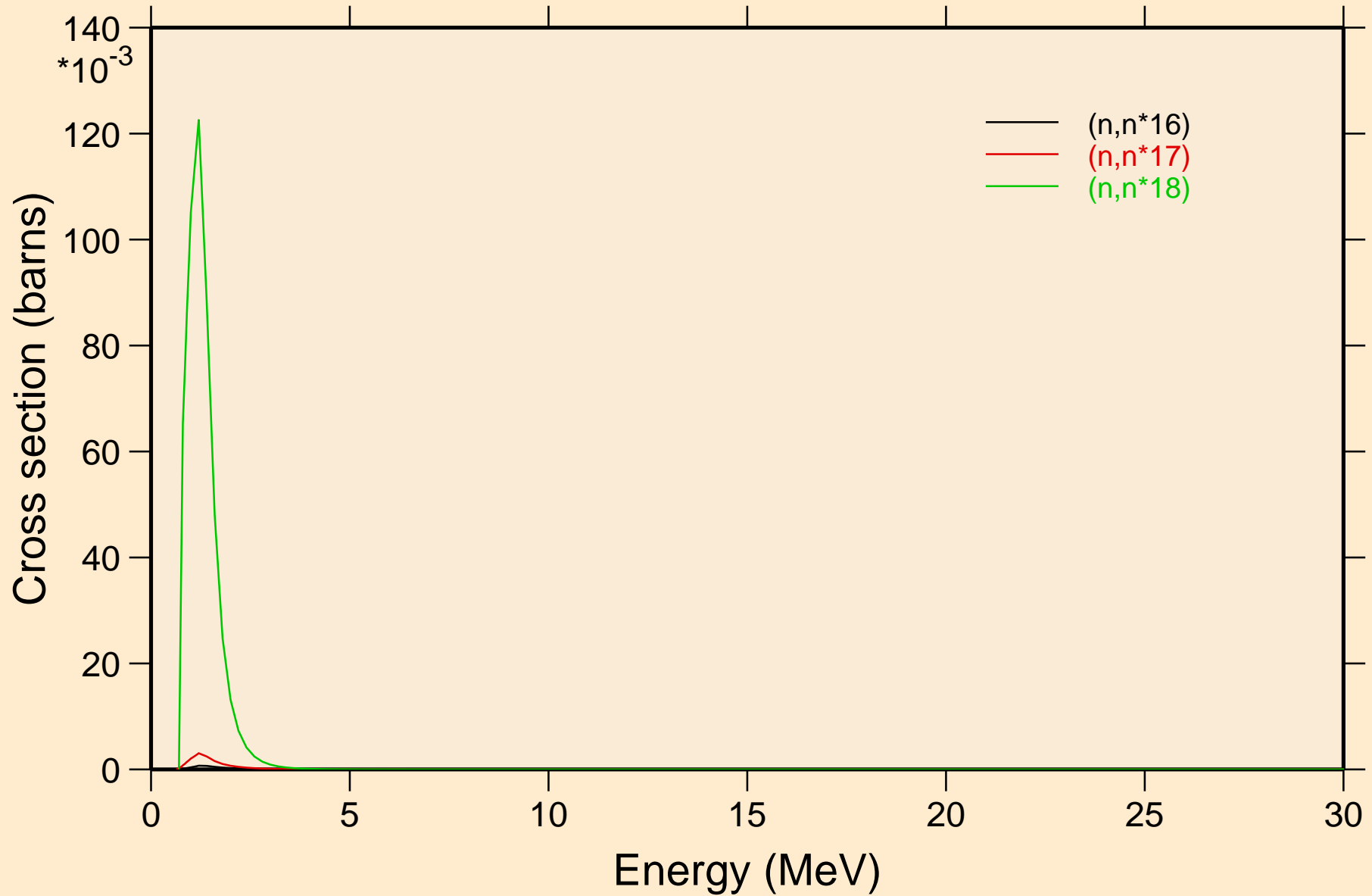
LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



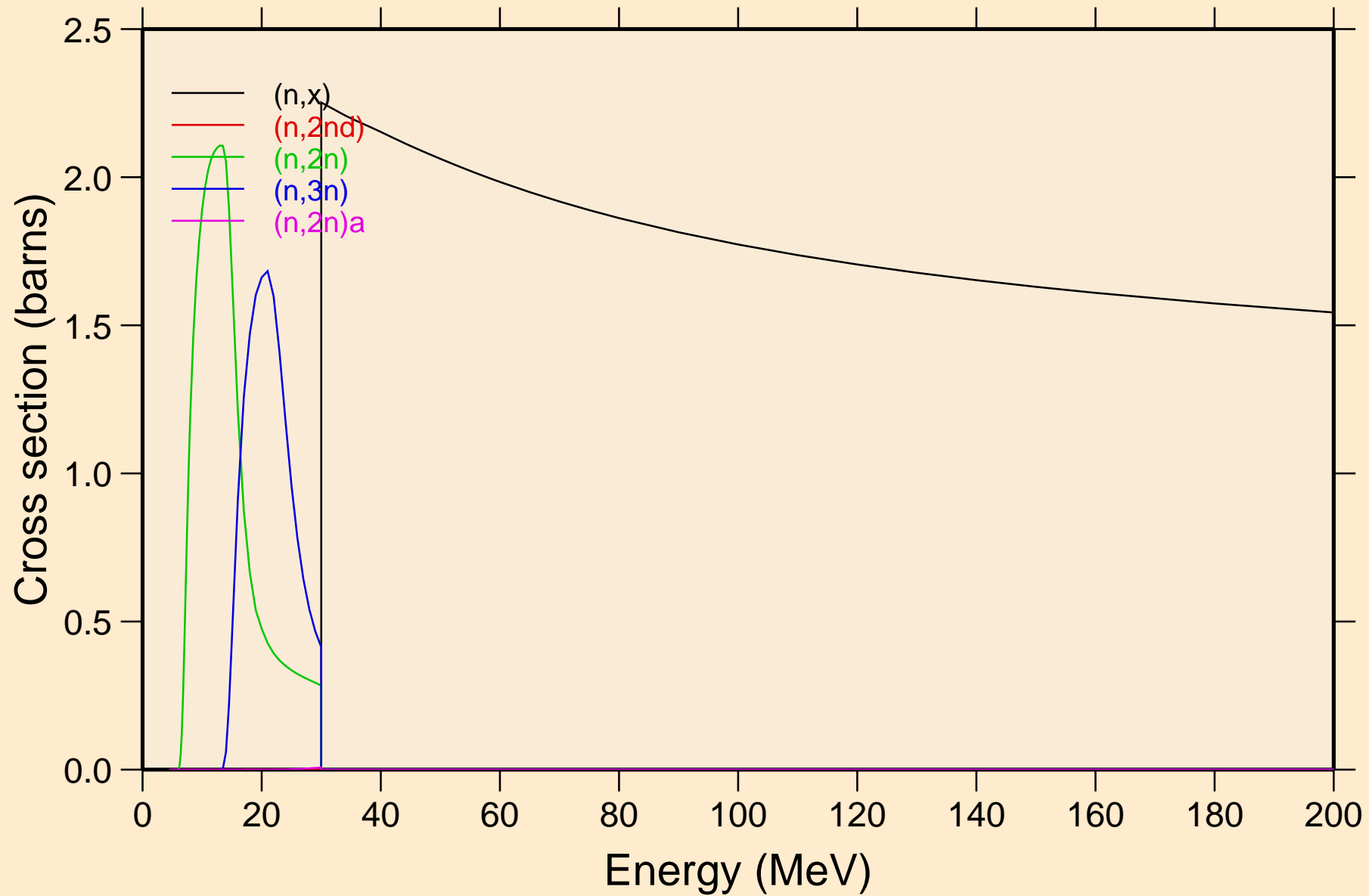
LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



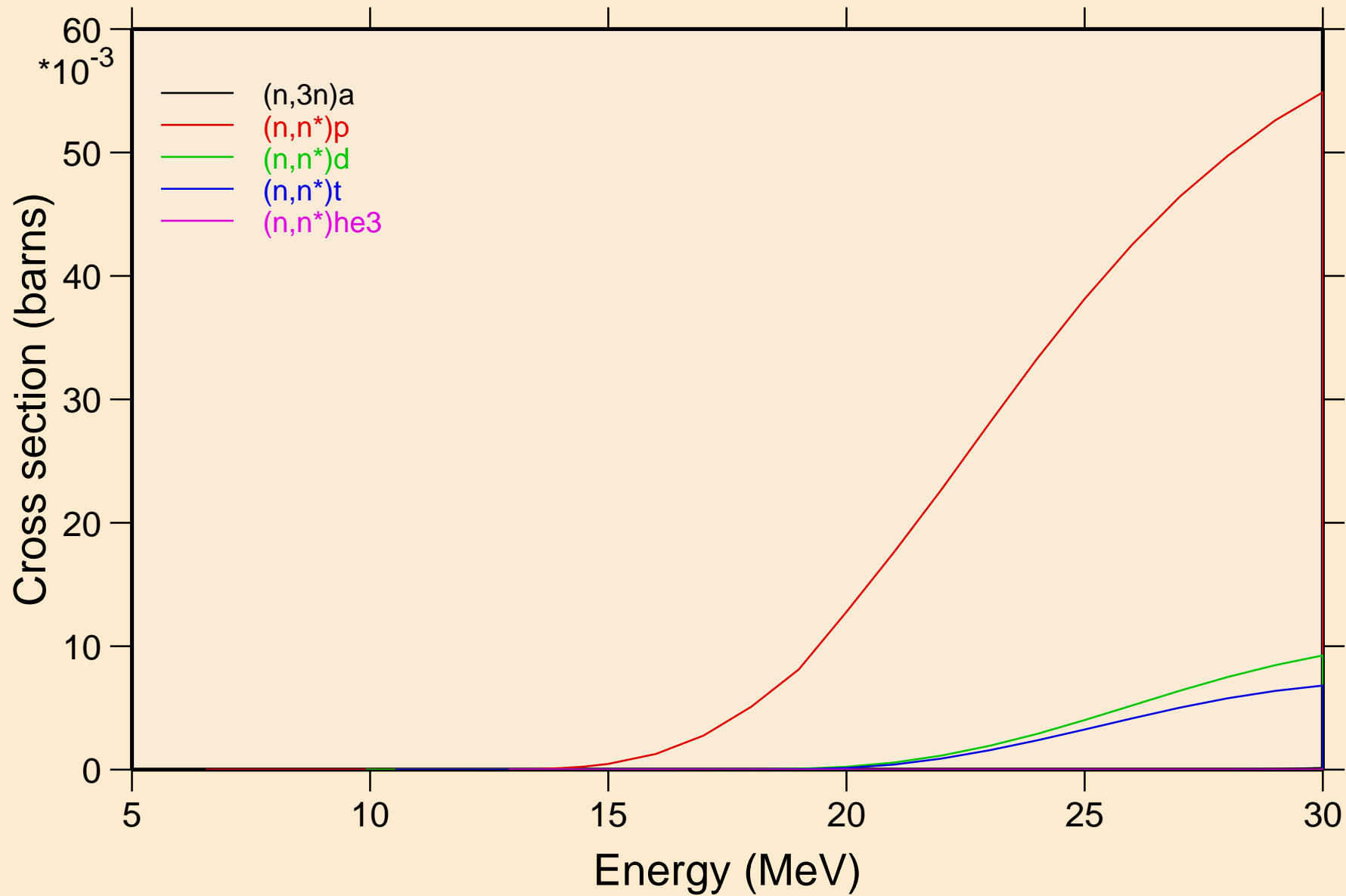
LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



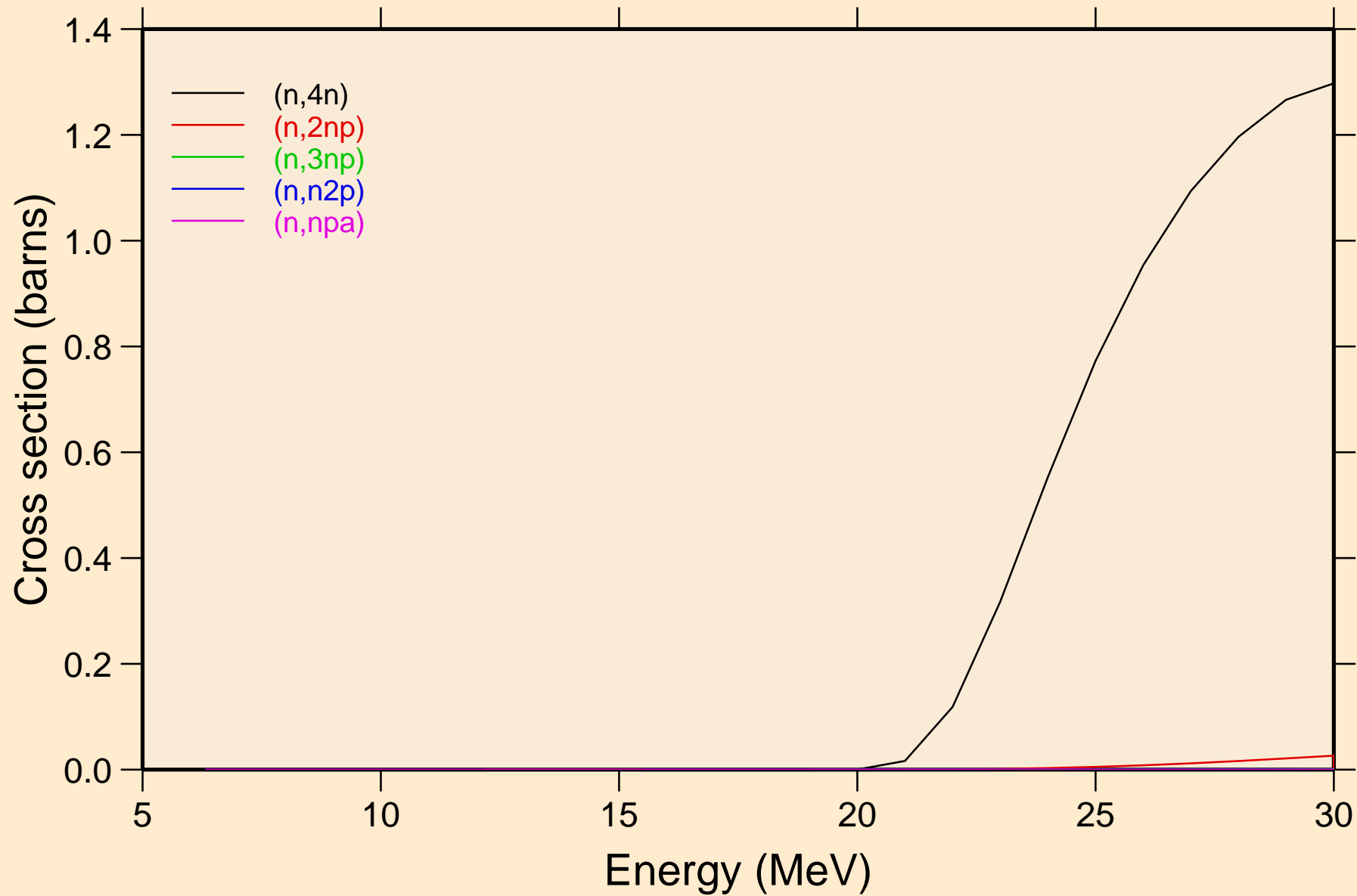
LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



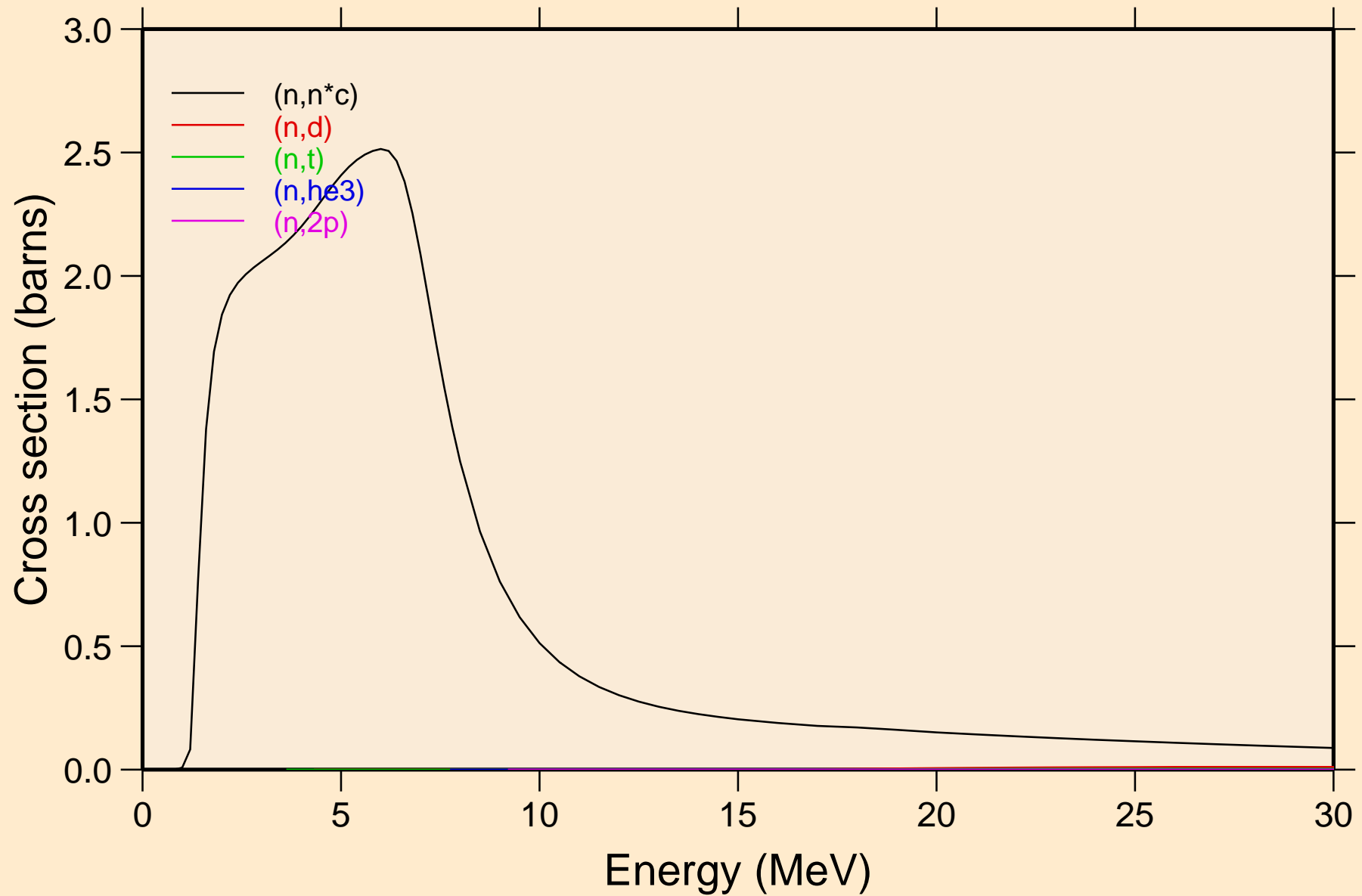
LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



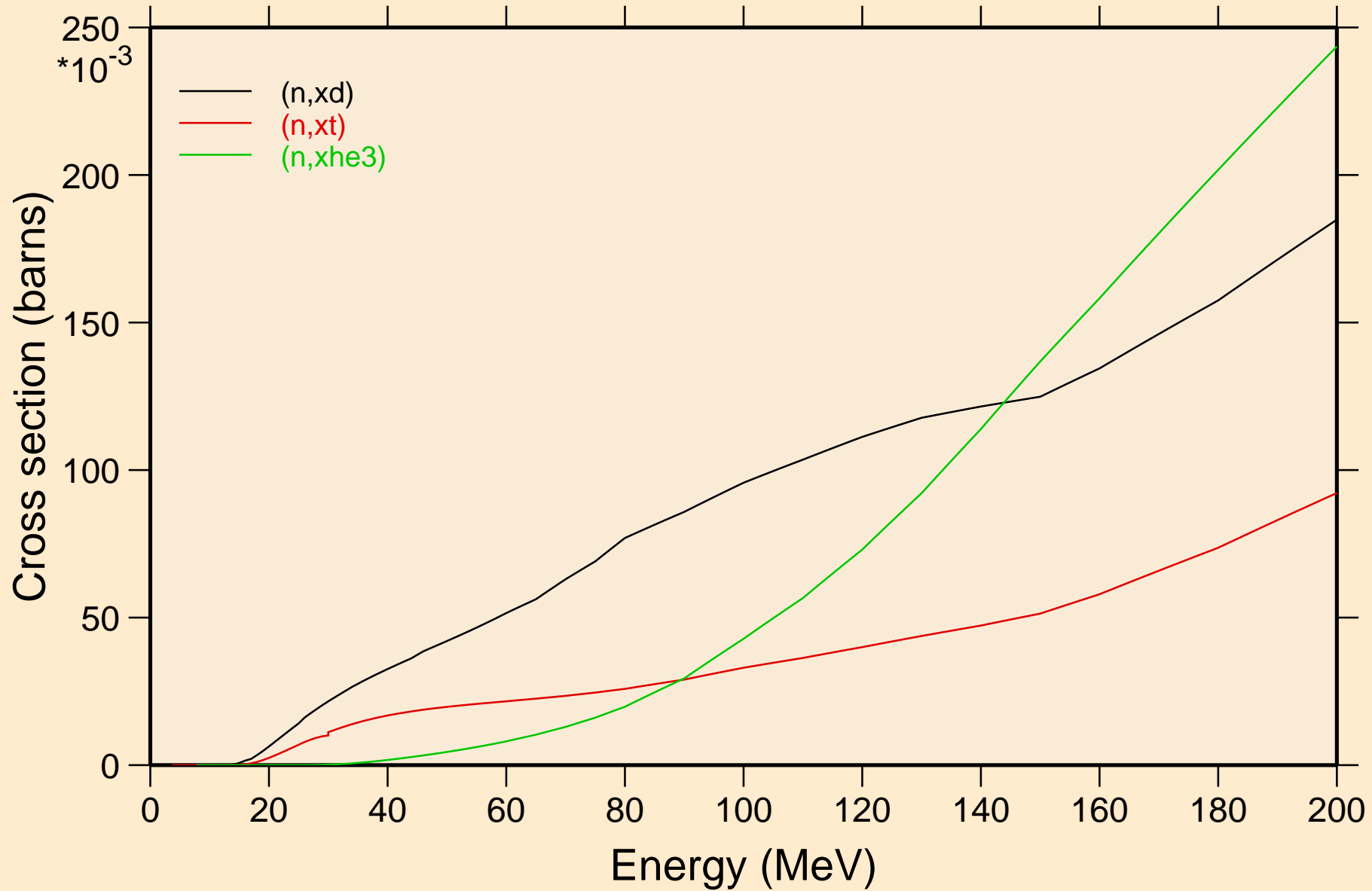
LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



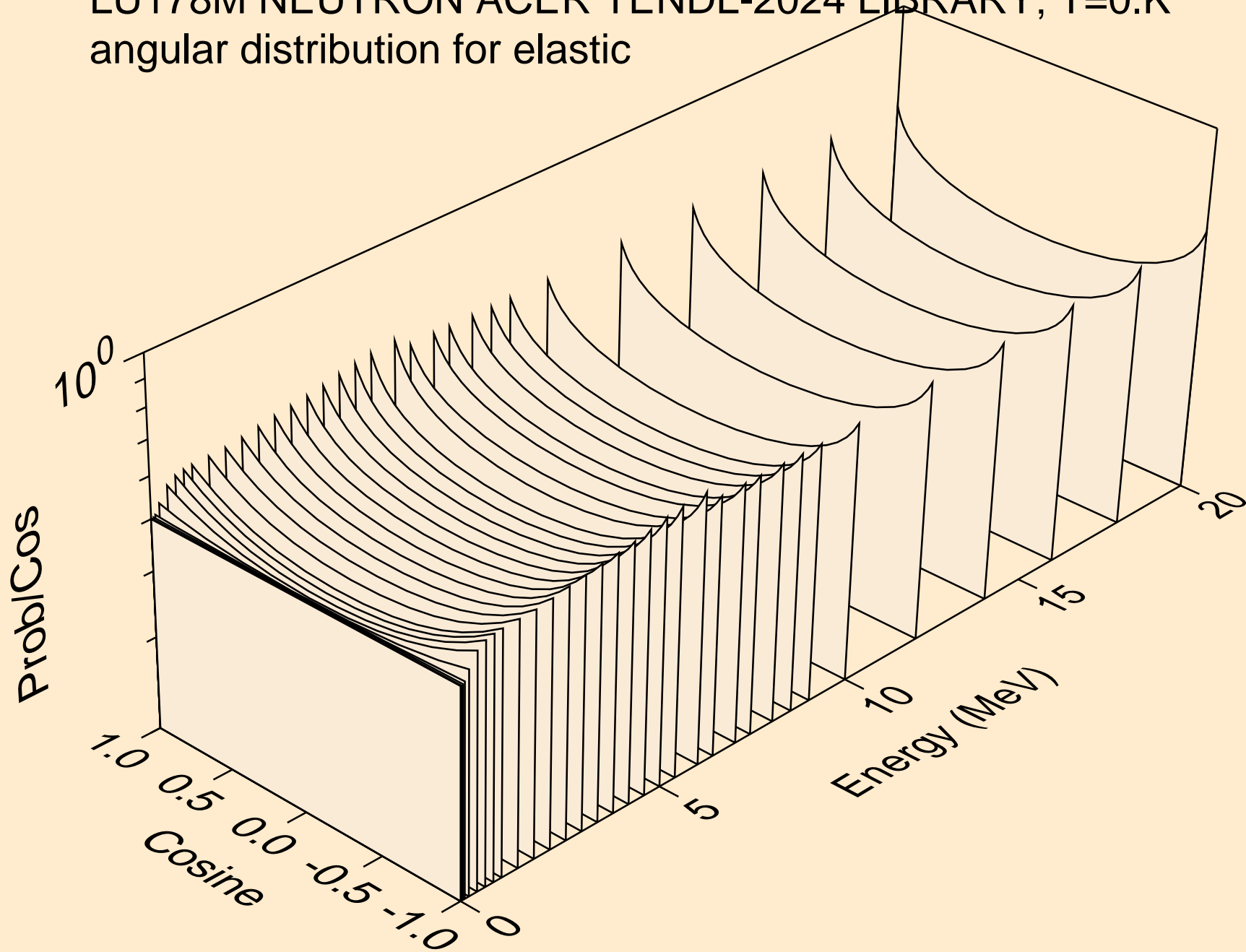


# LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

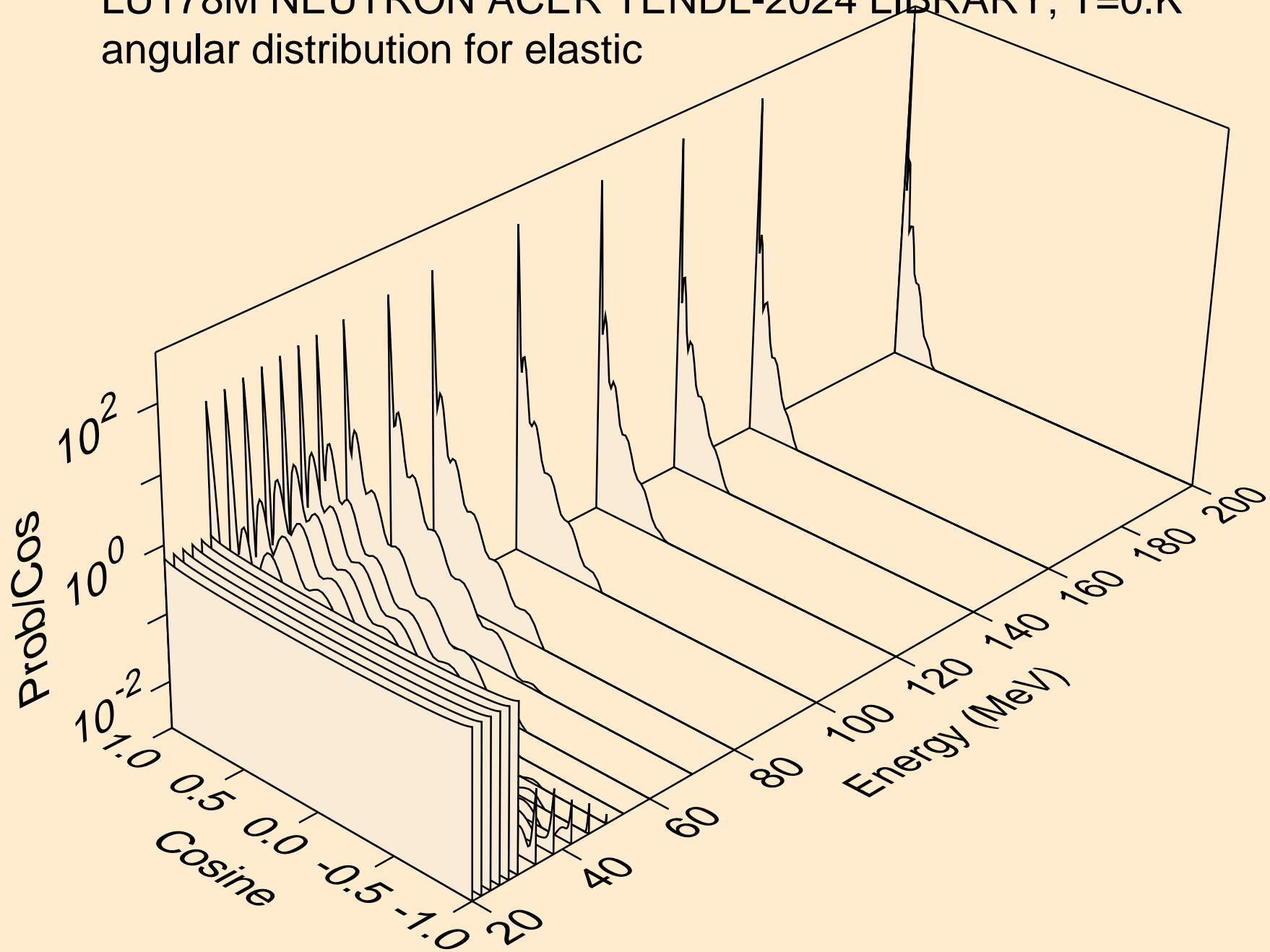
## Threshold reactions



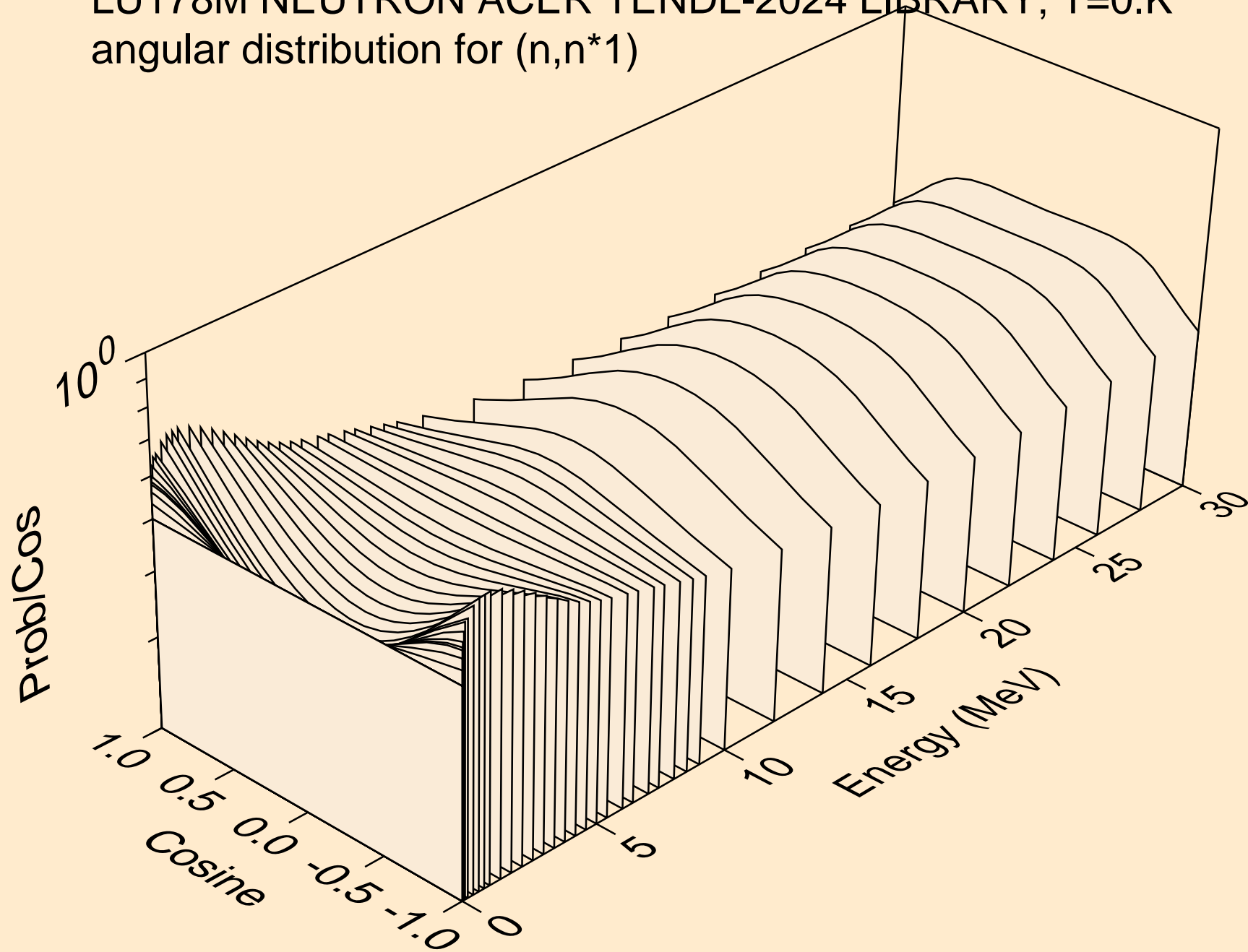
LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



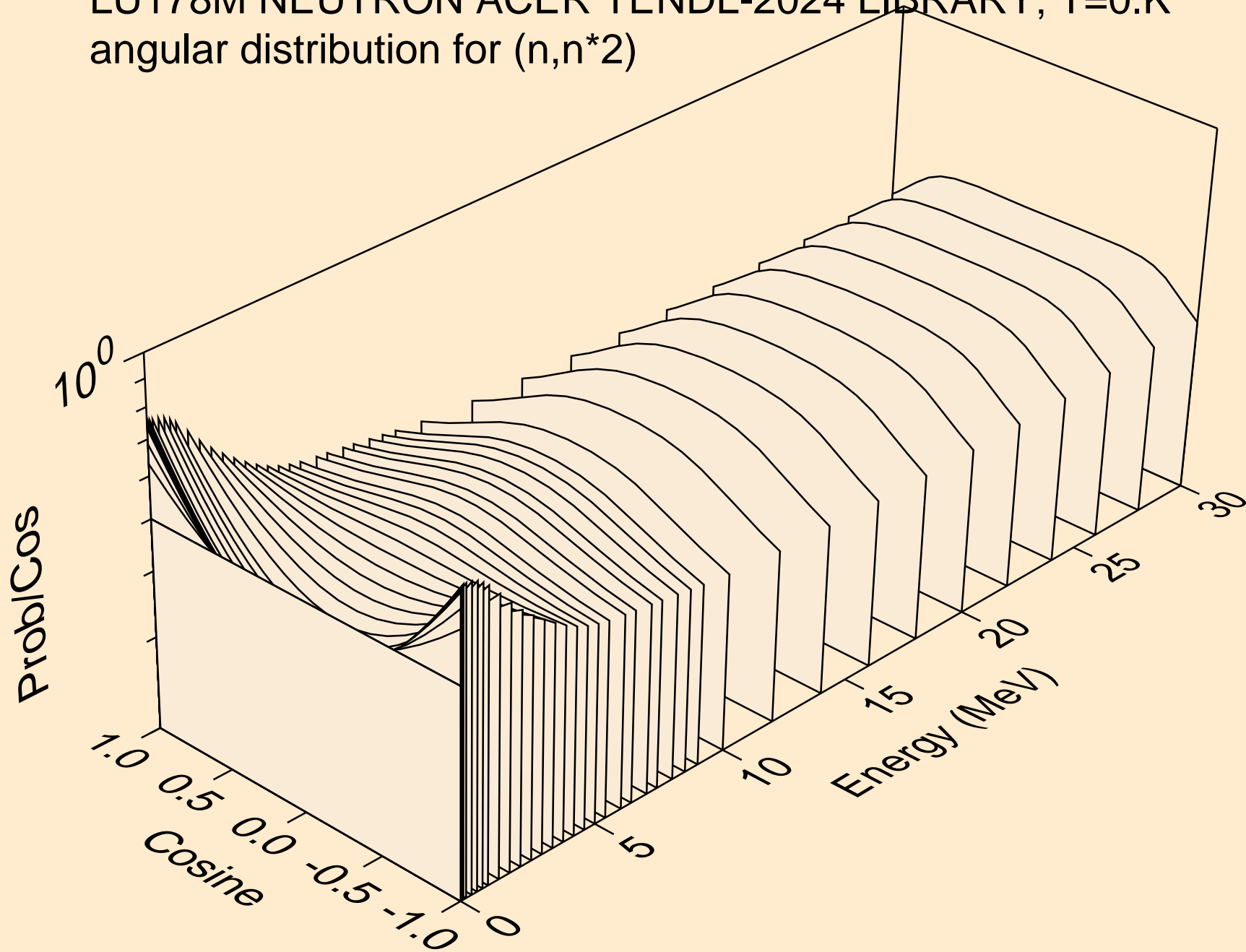
LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



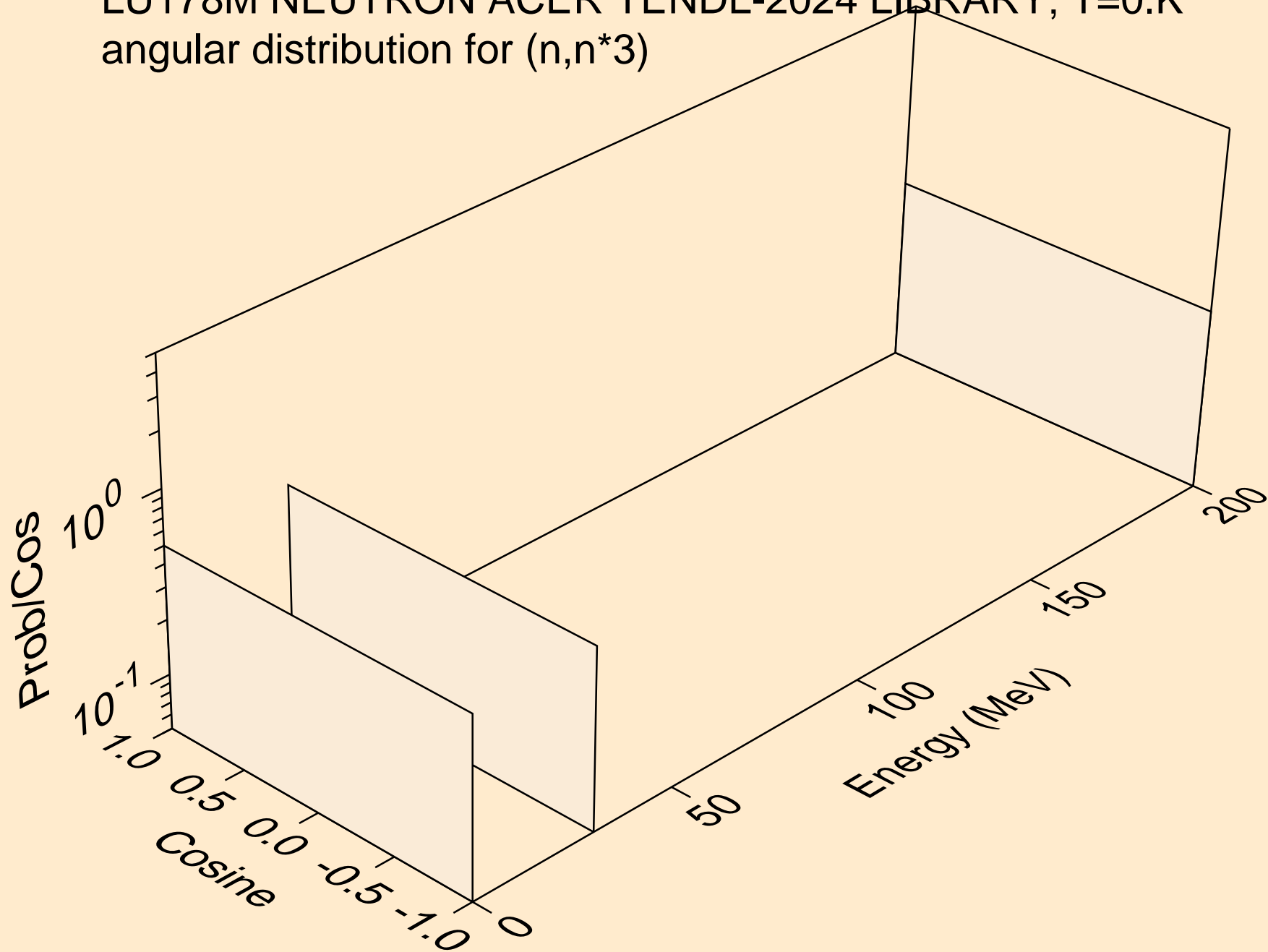
LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



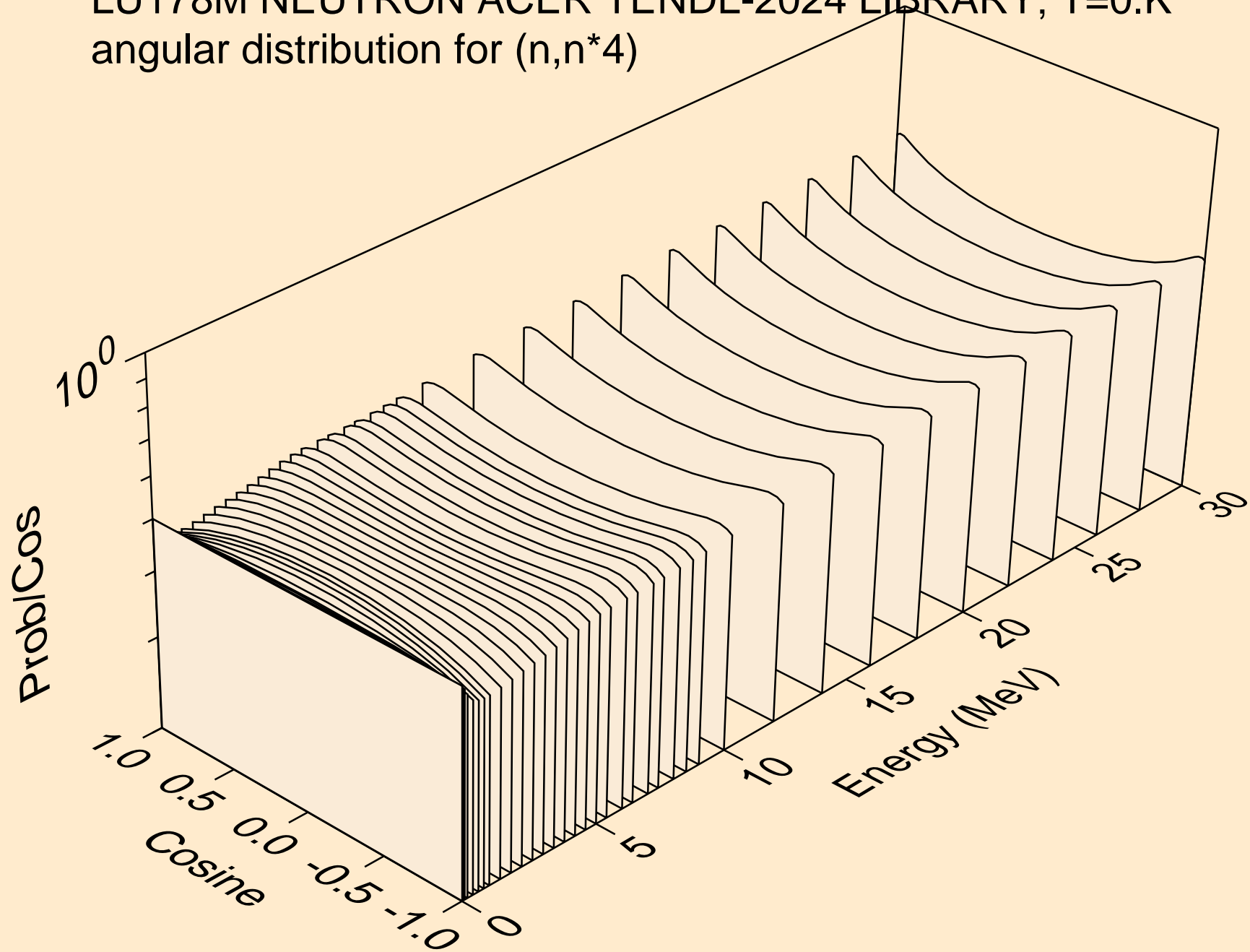
LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



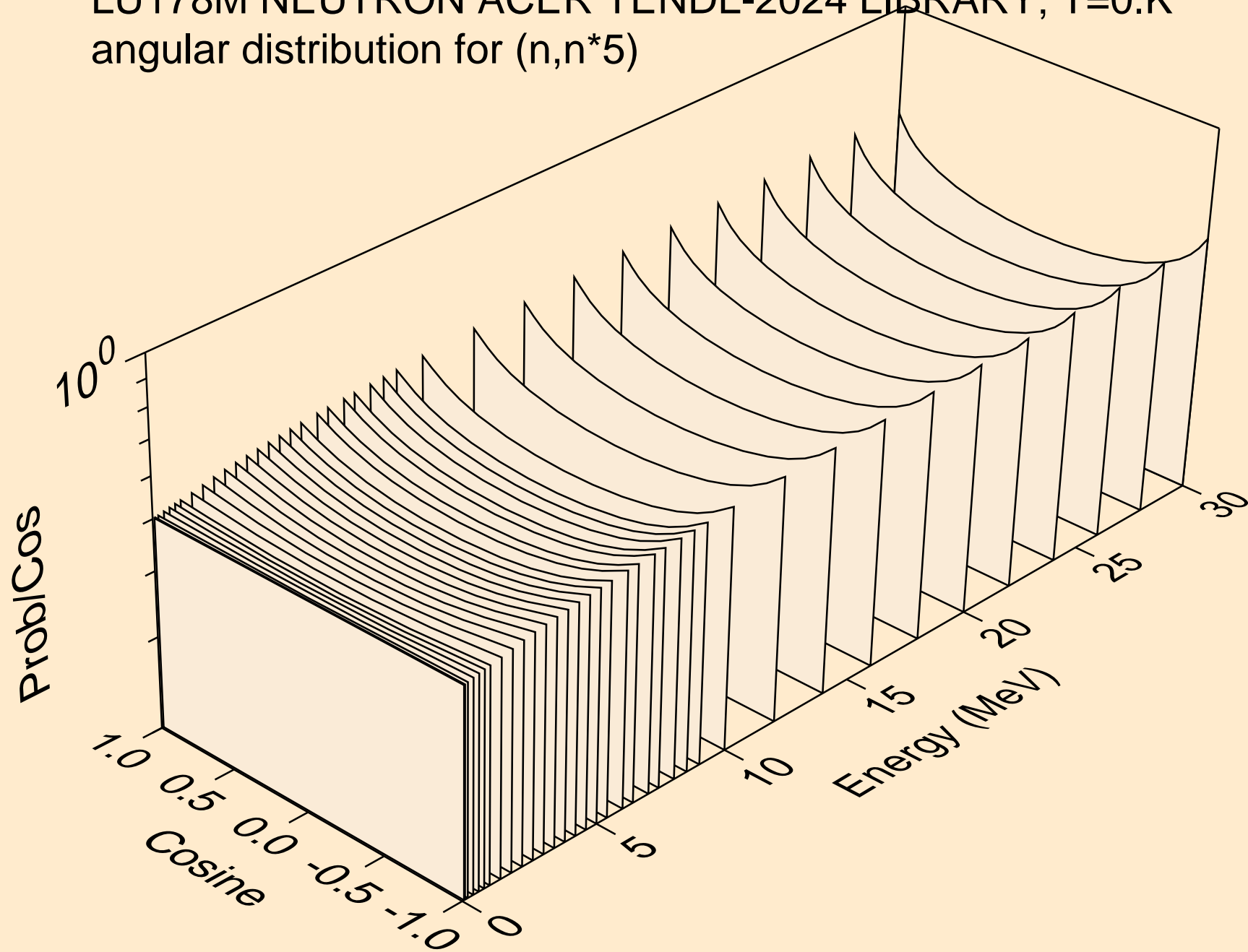
LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)

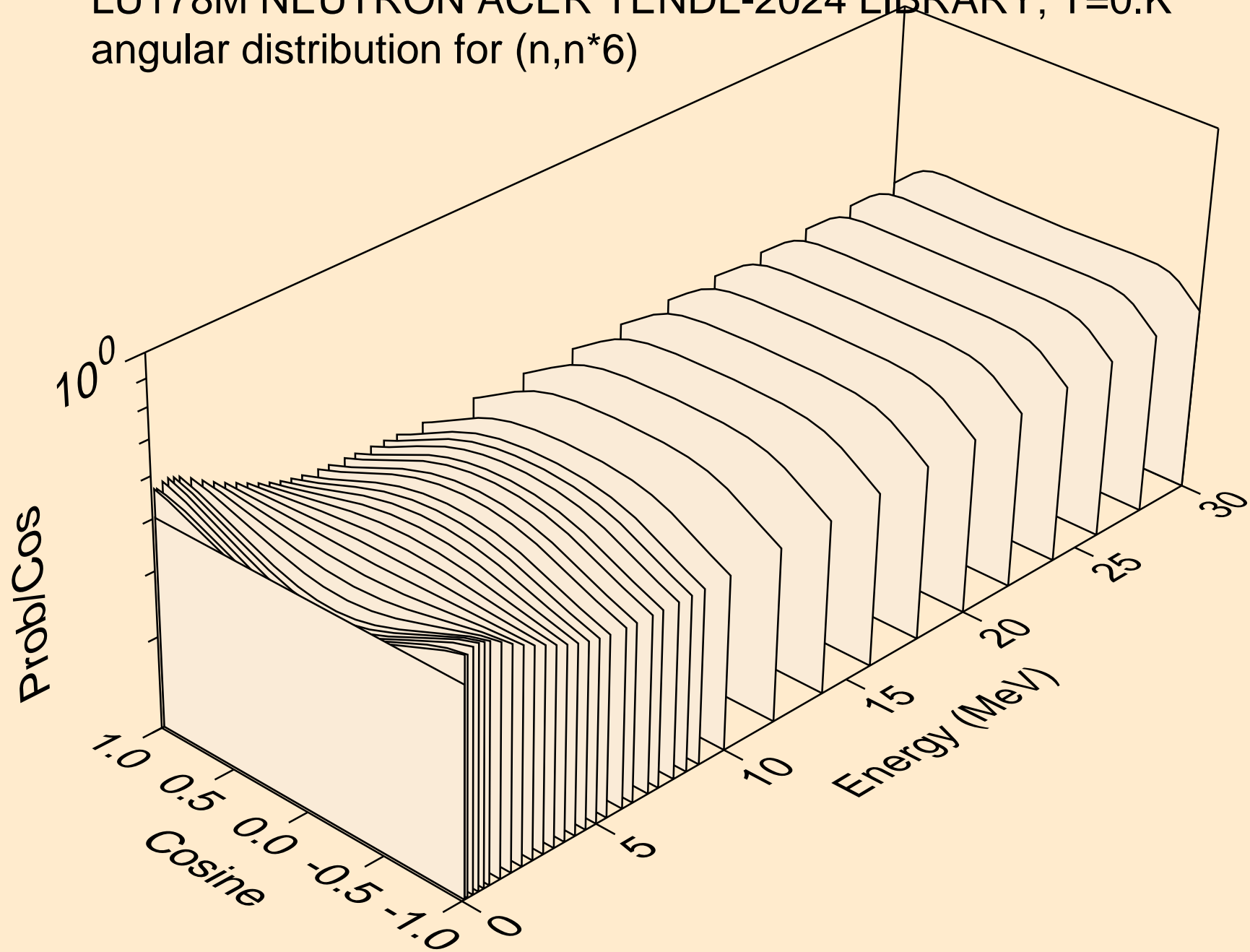


LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)

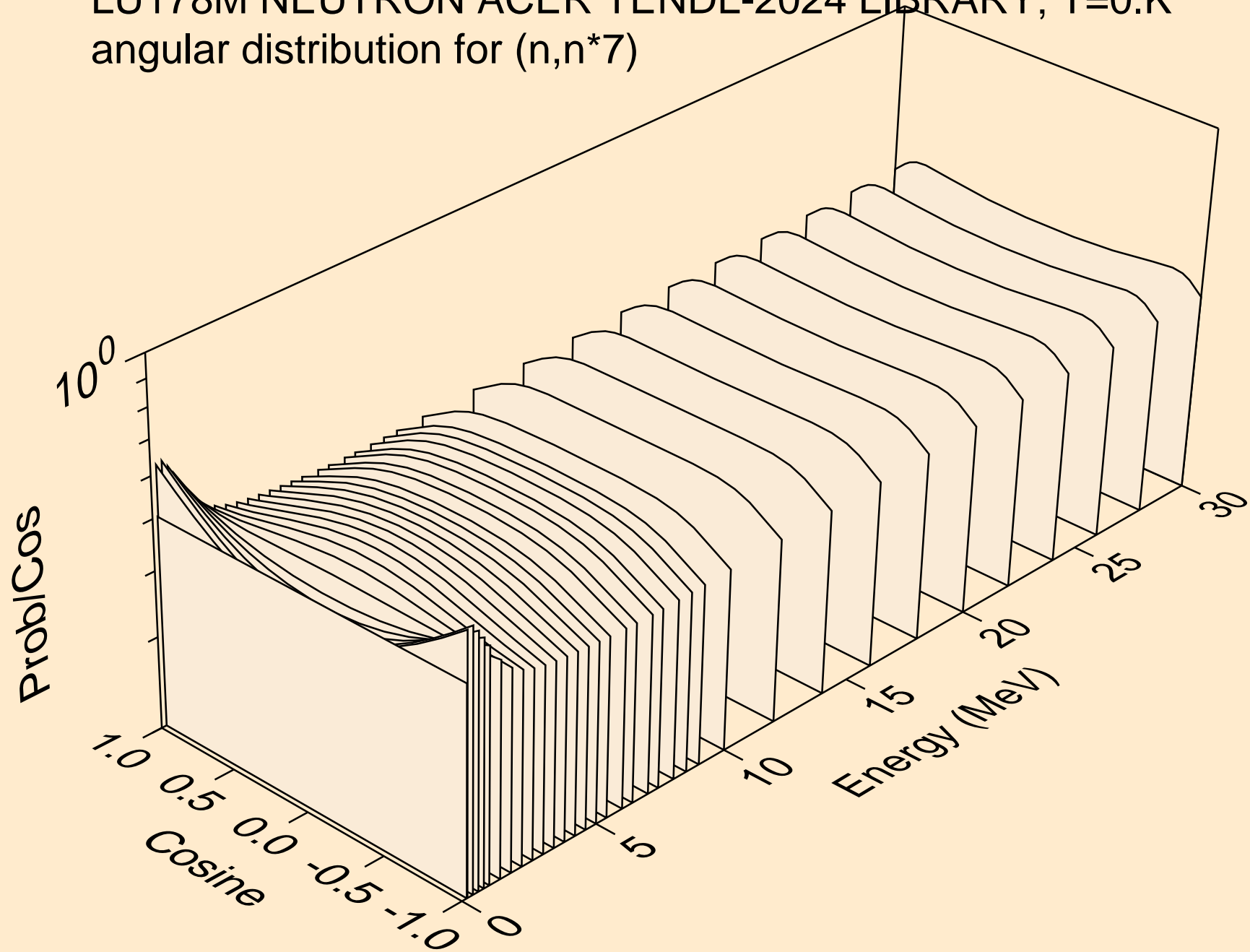




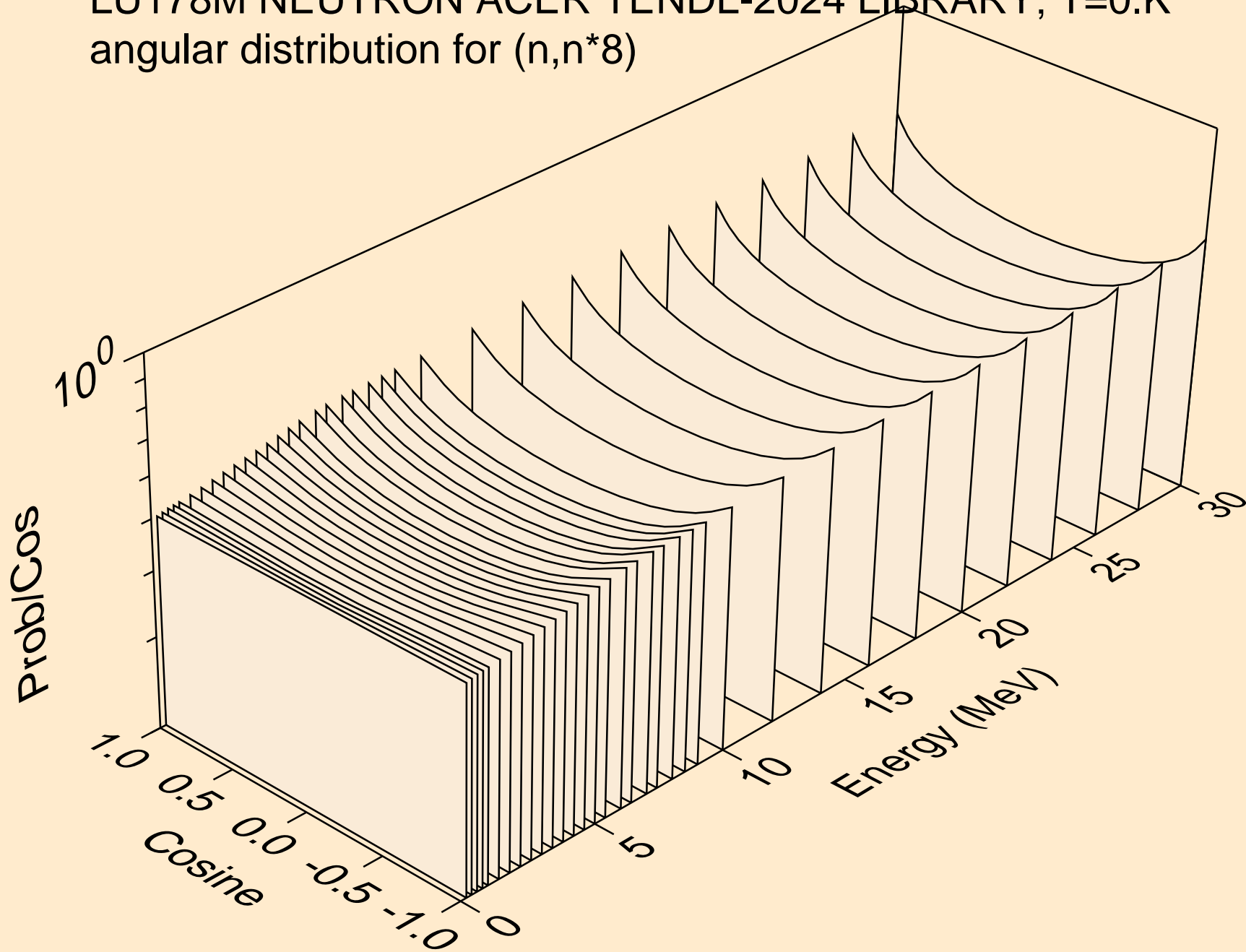
LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



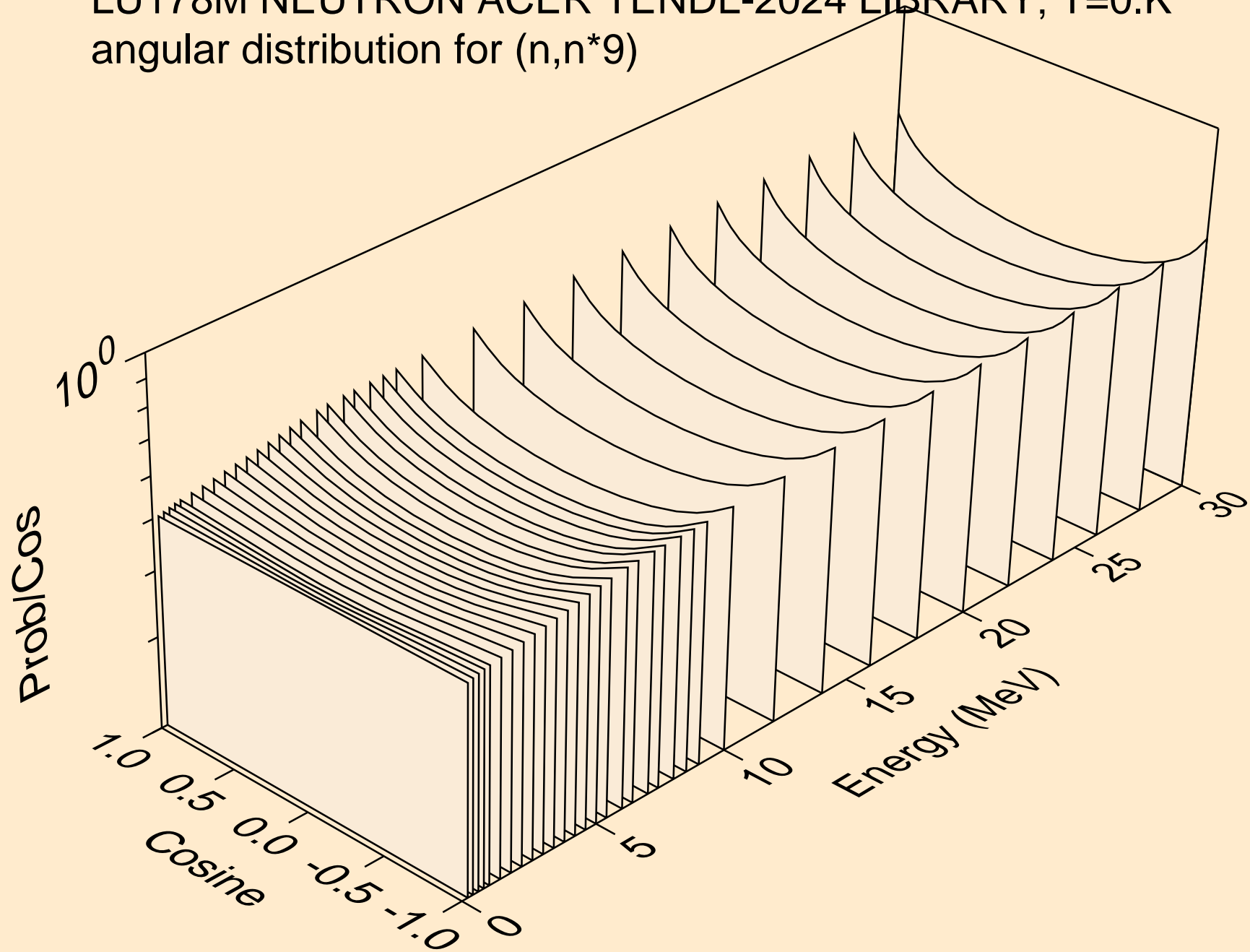
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angular distribution for (n,n\*7)



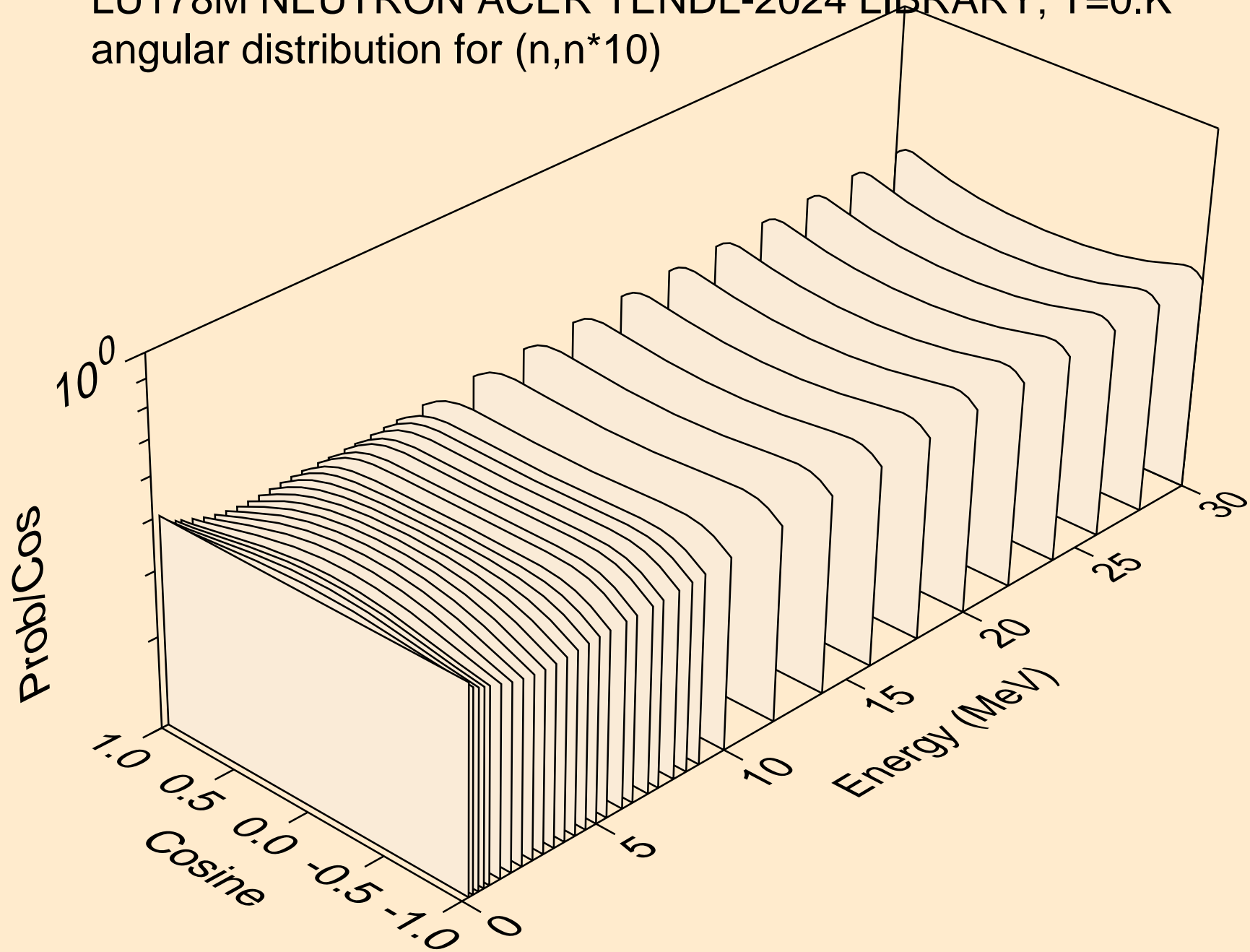
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angular distribution for (n,n\*8)



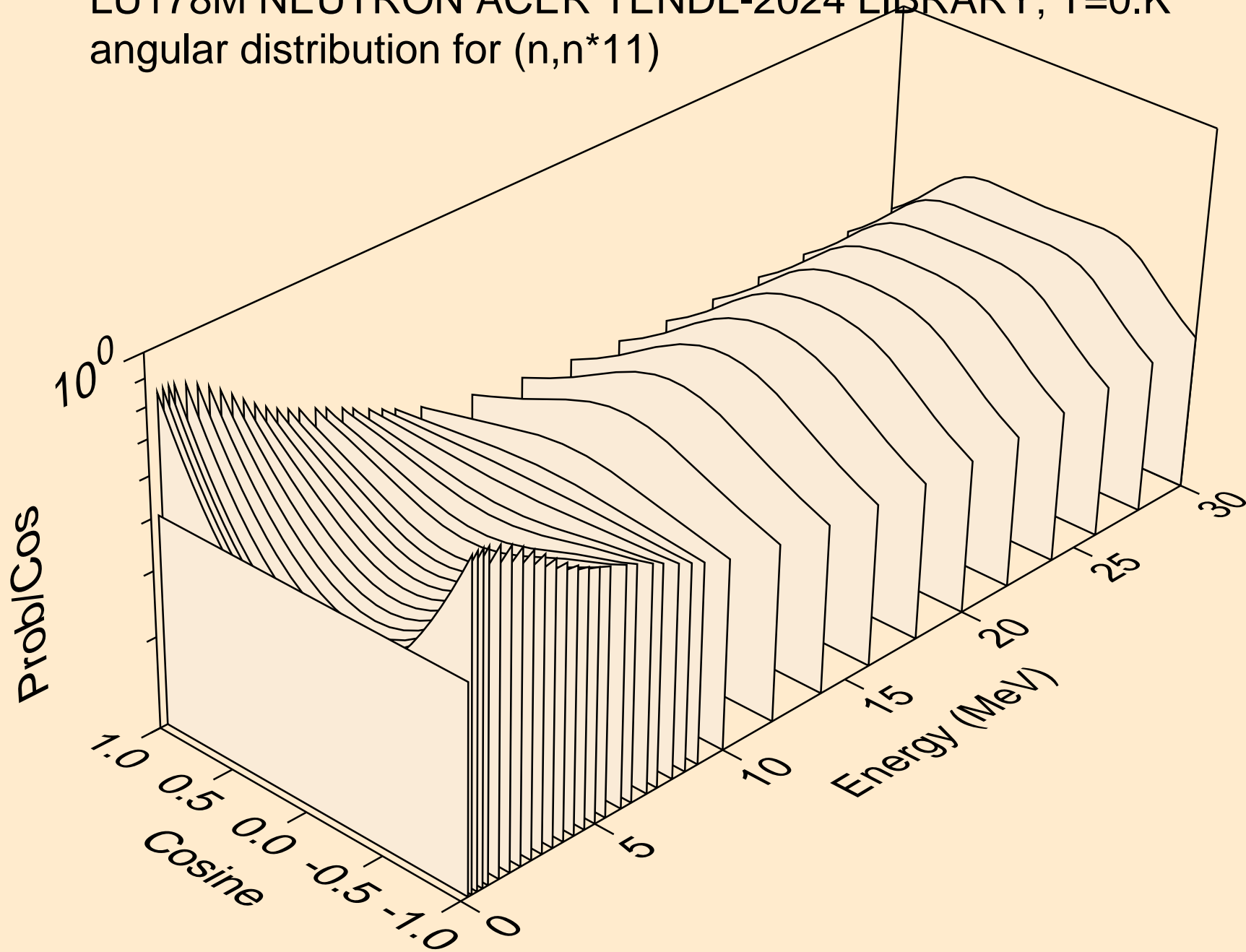
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angular distribution for (n,n\*9)



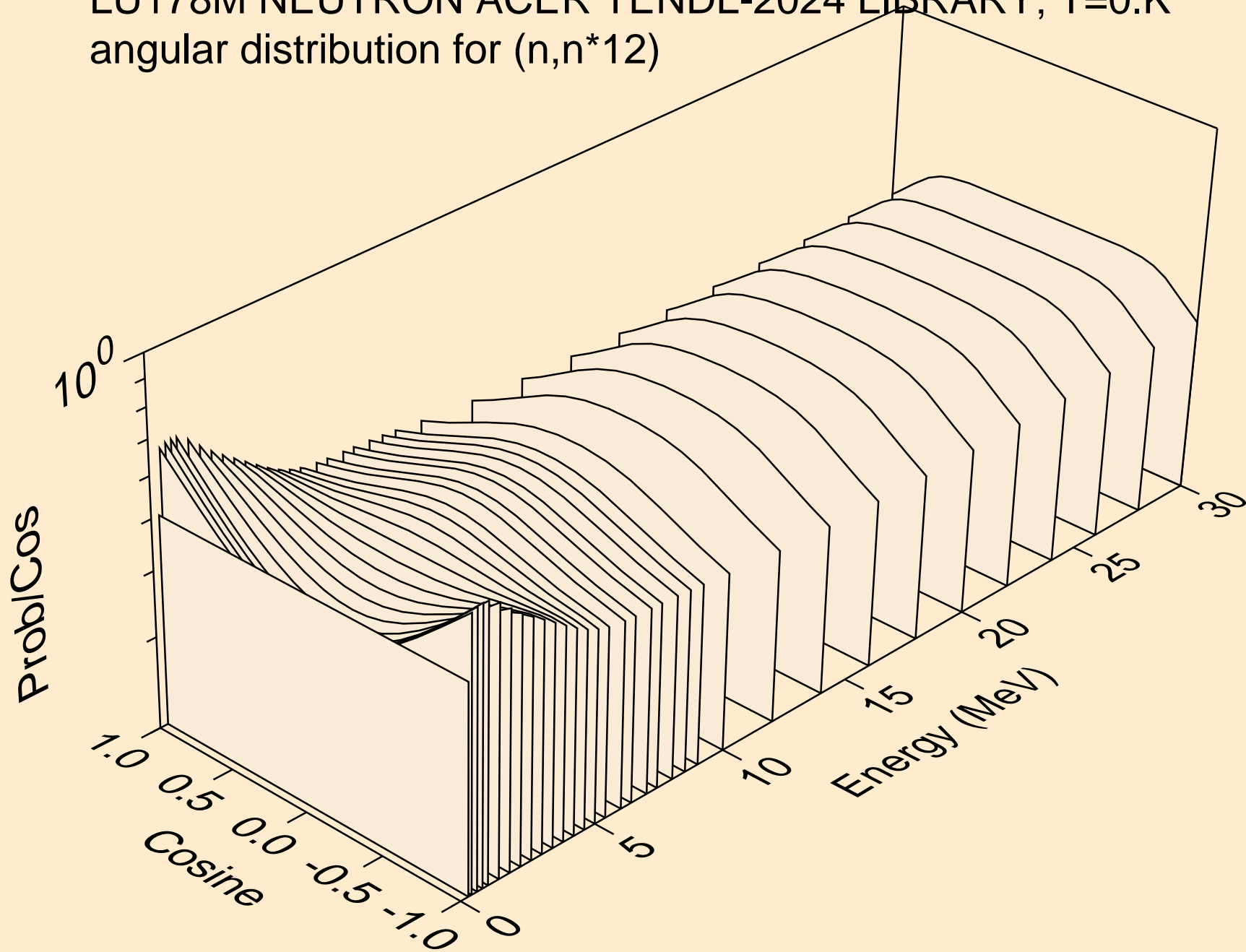
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angular distribution for (n,n\*10)



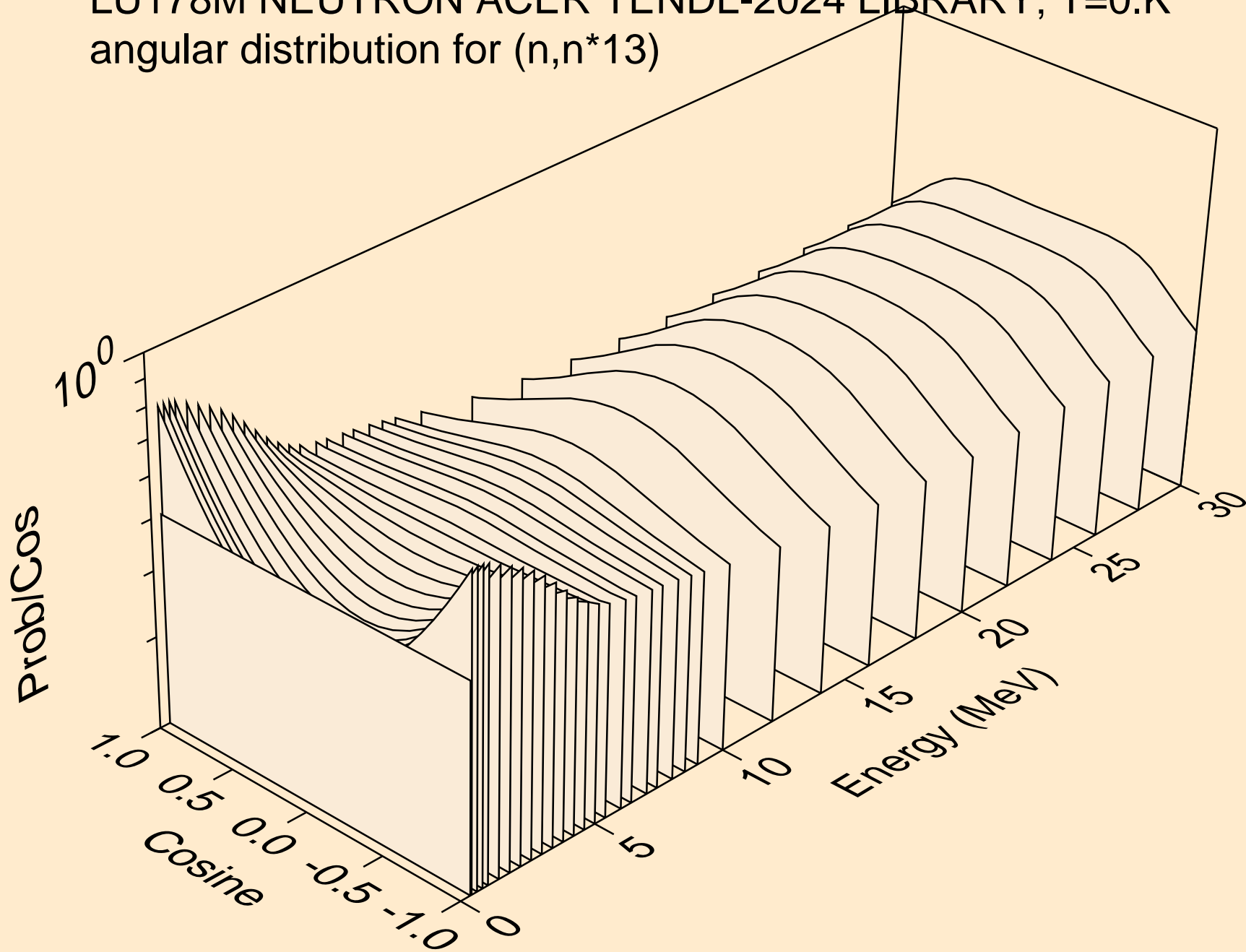
LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)

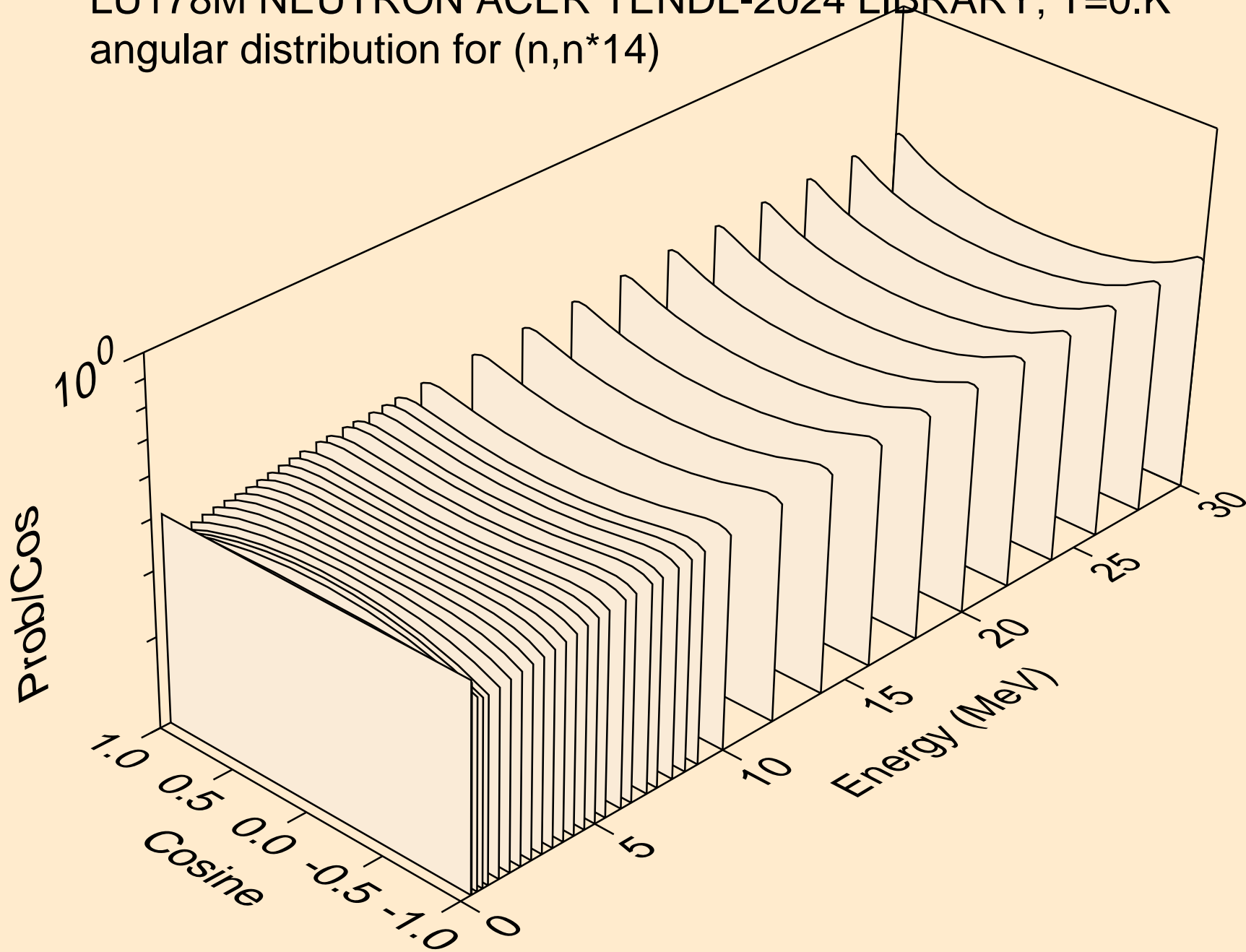


LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)

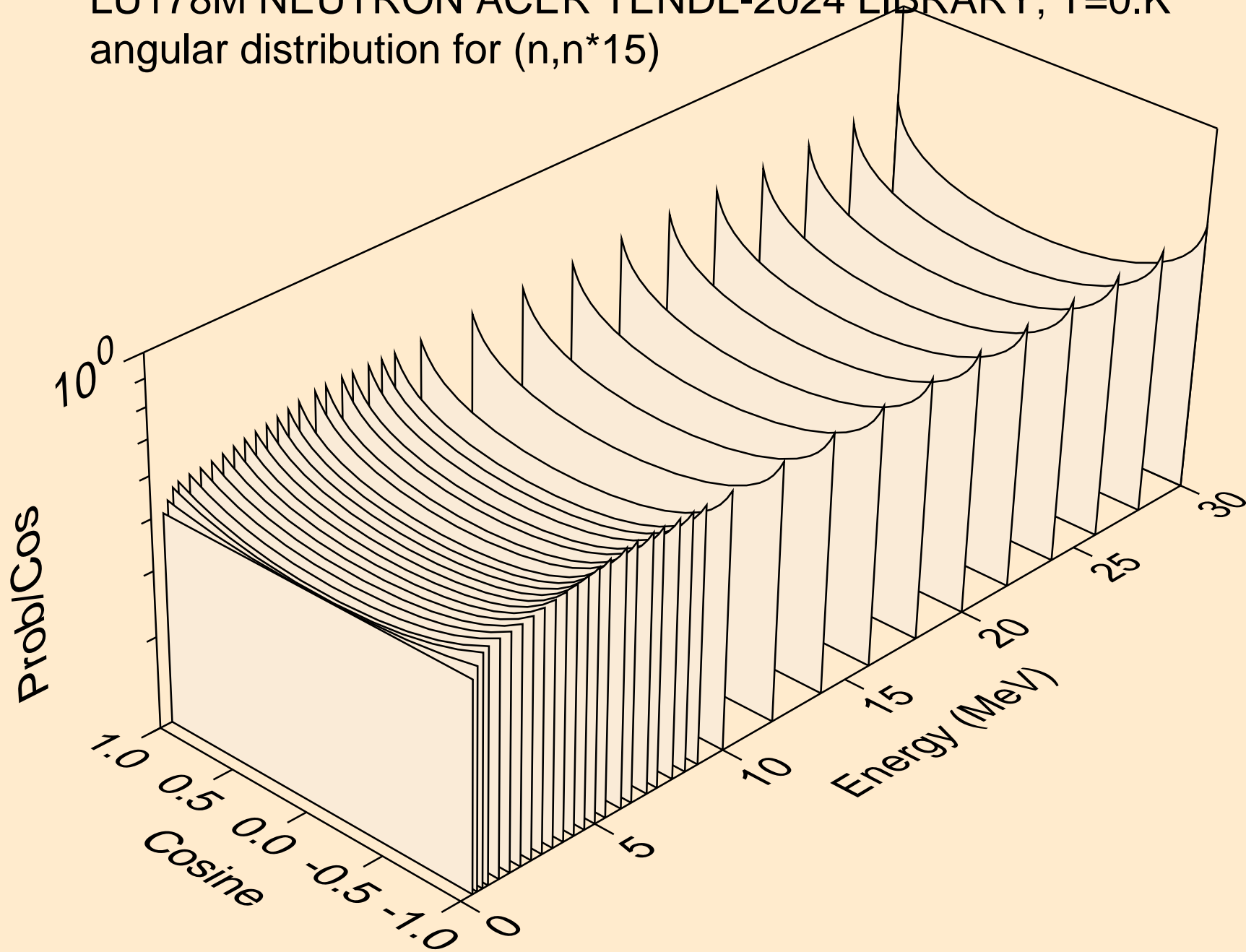




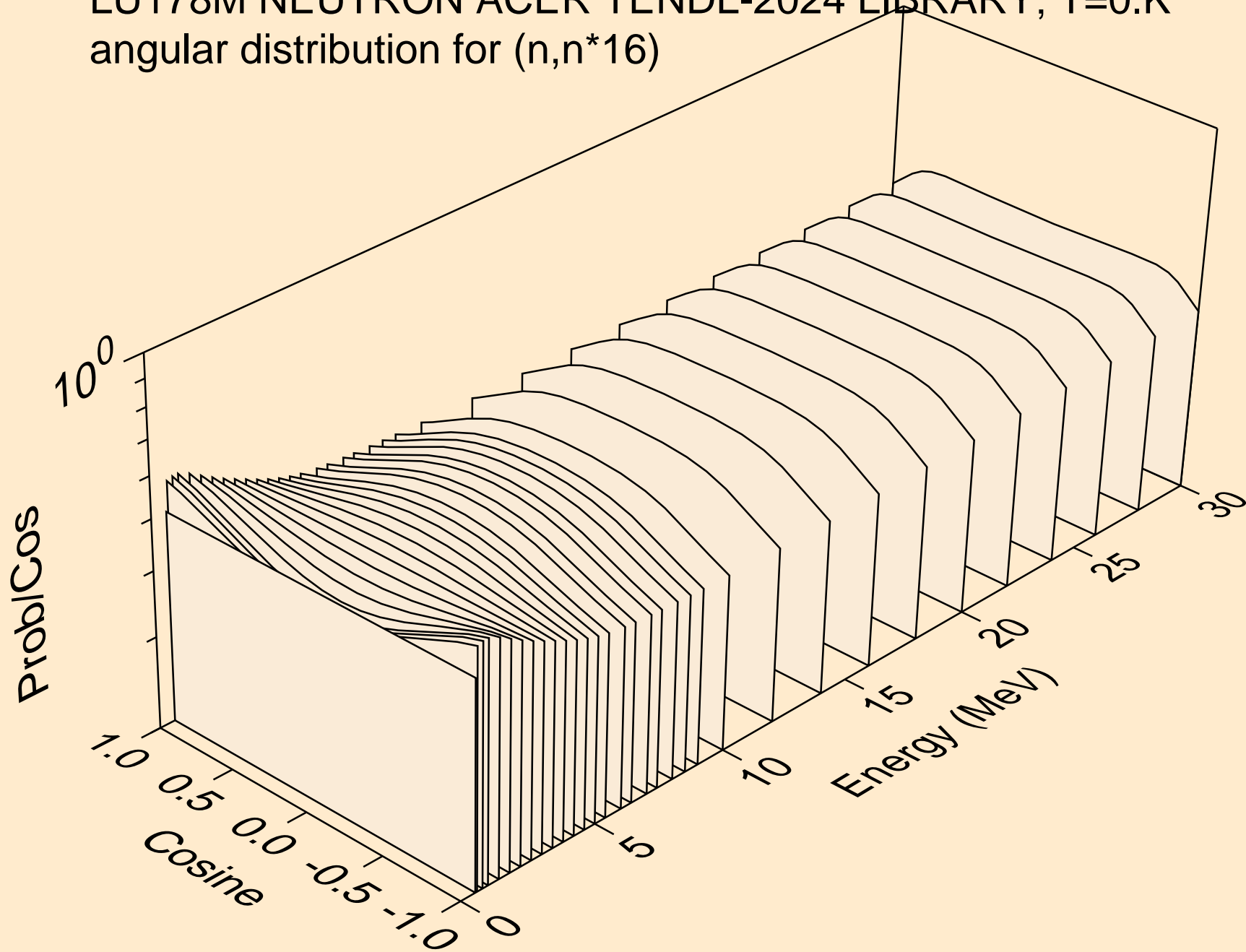
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angular distribution for (n,n\*14)



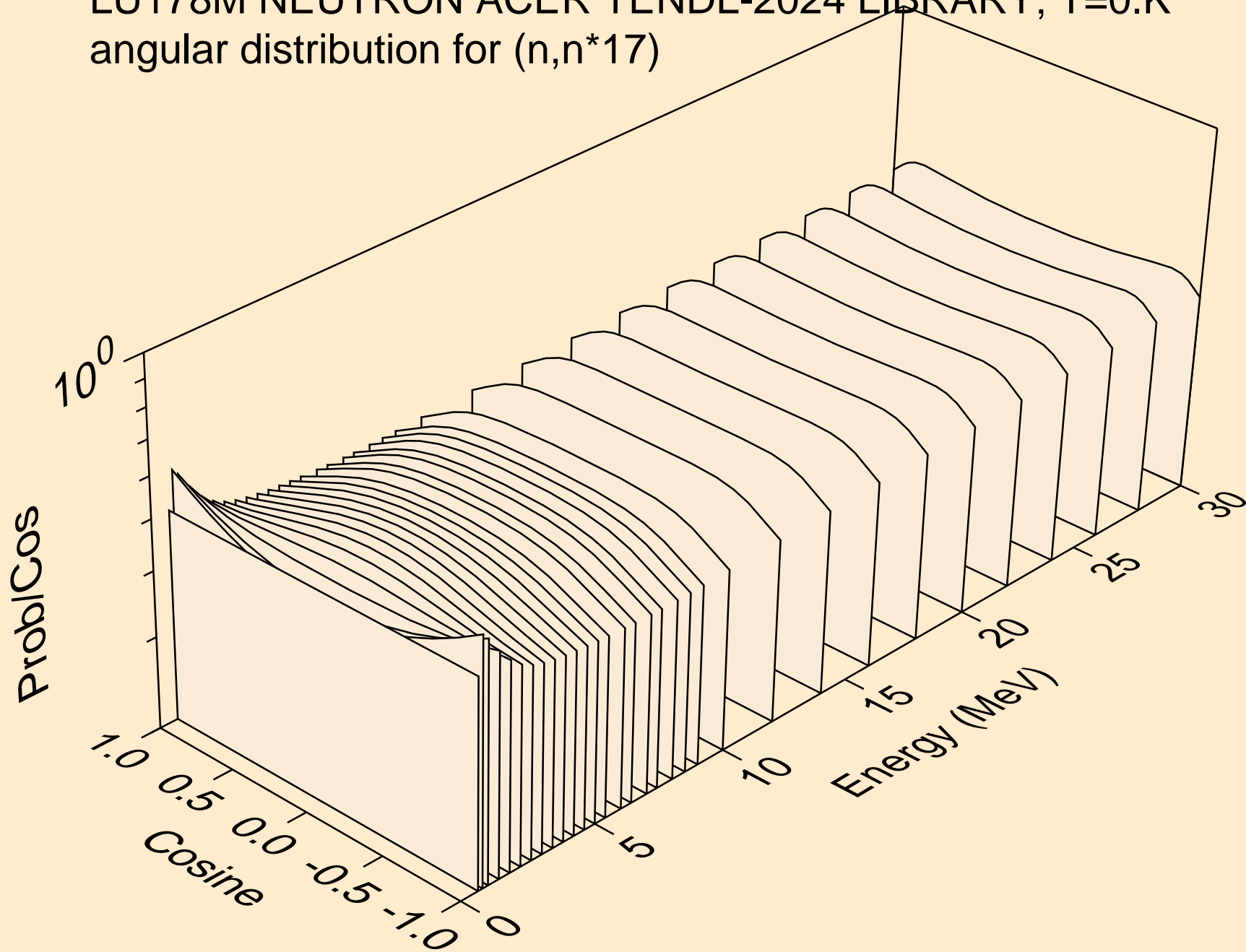
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angular distribution for (n,n\*15)



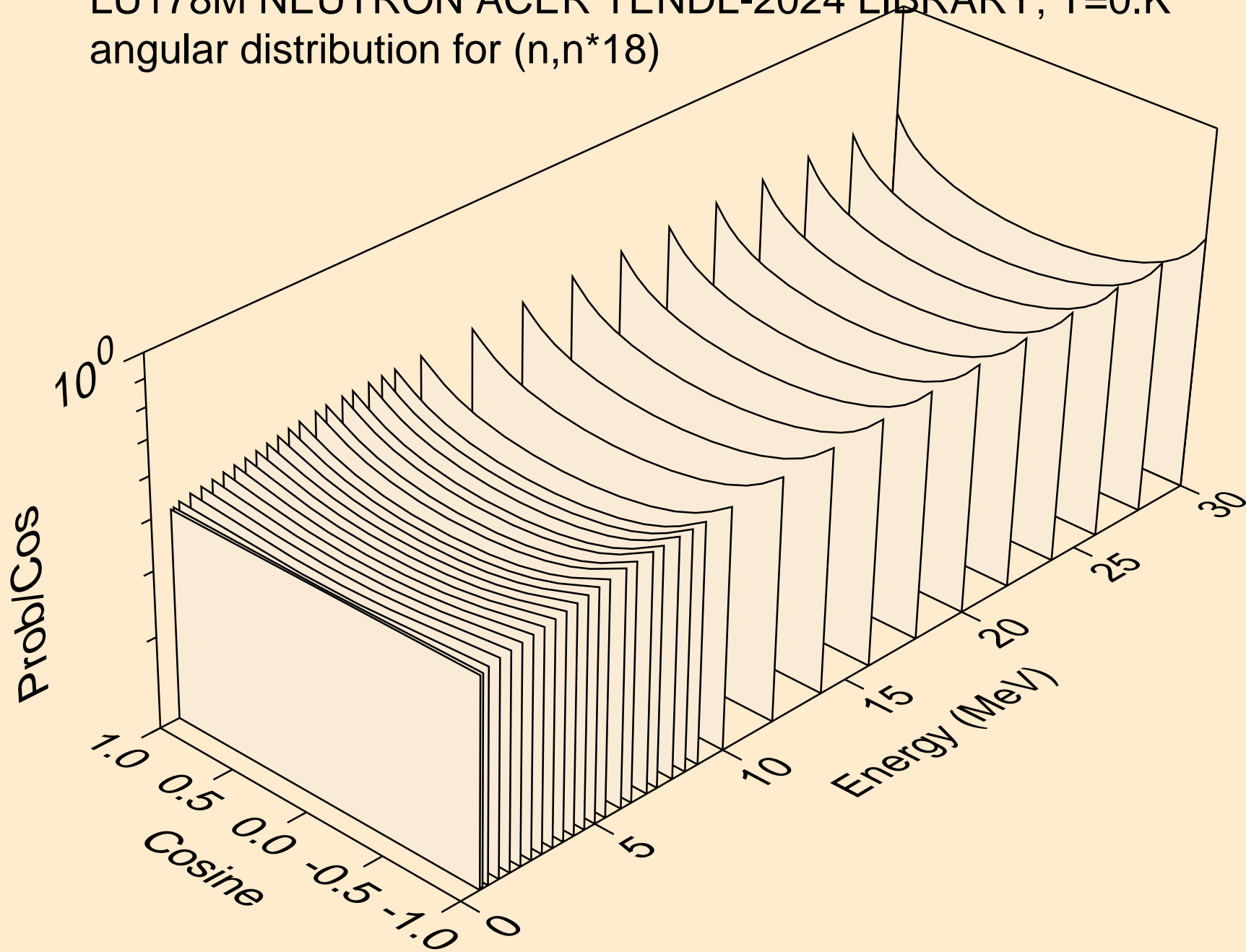
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angular distribution for (n,n\*16)



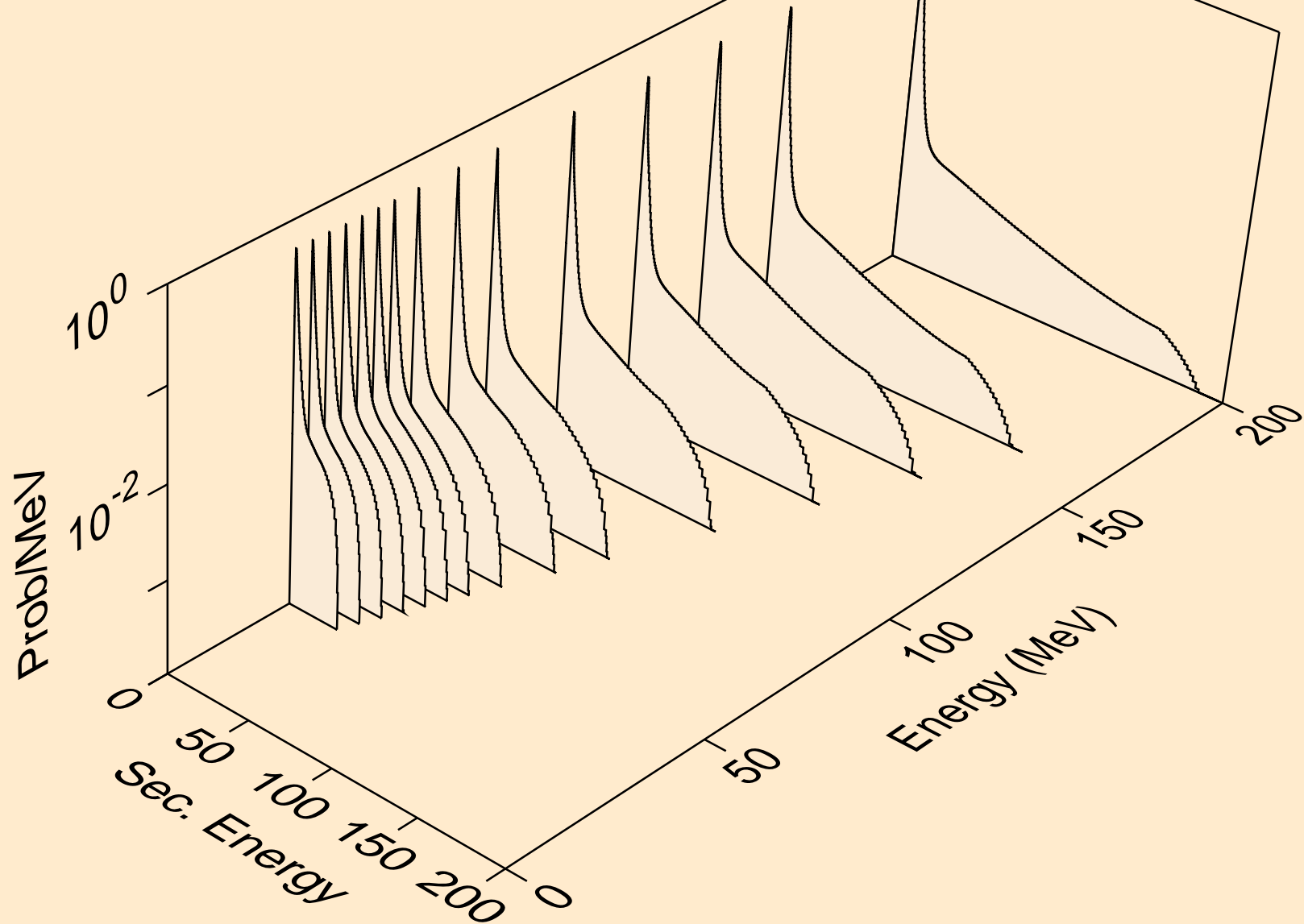
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angular distribution for (n,n\*17)



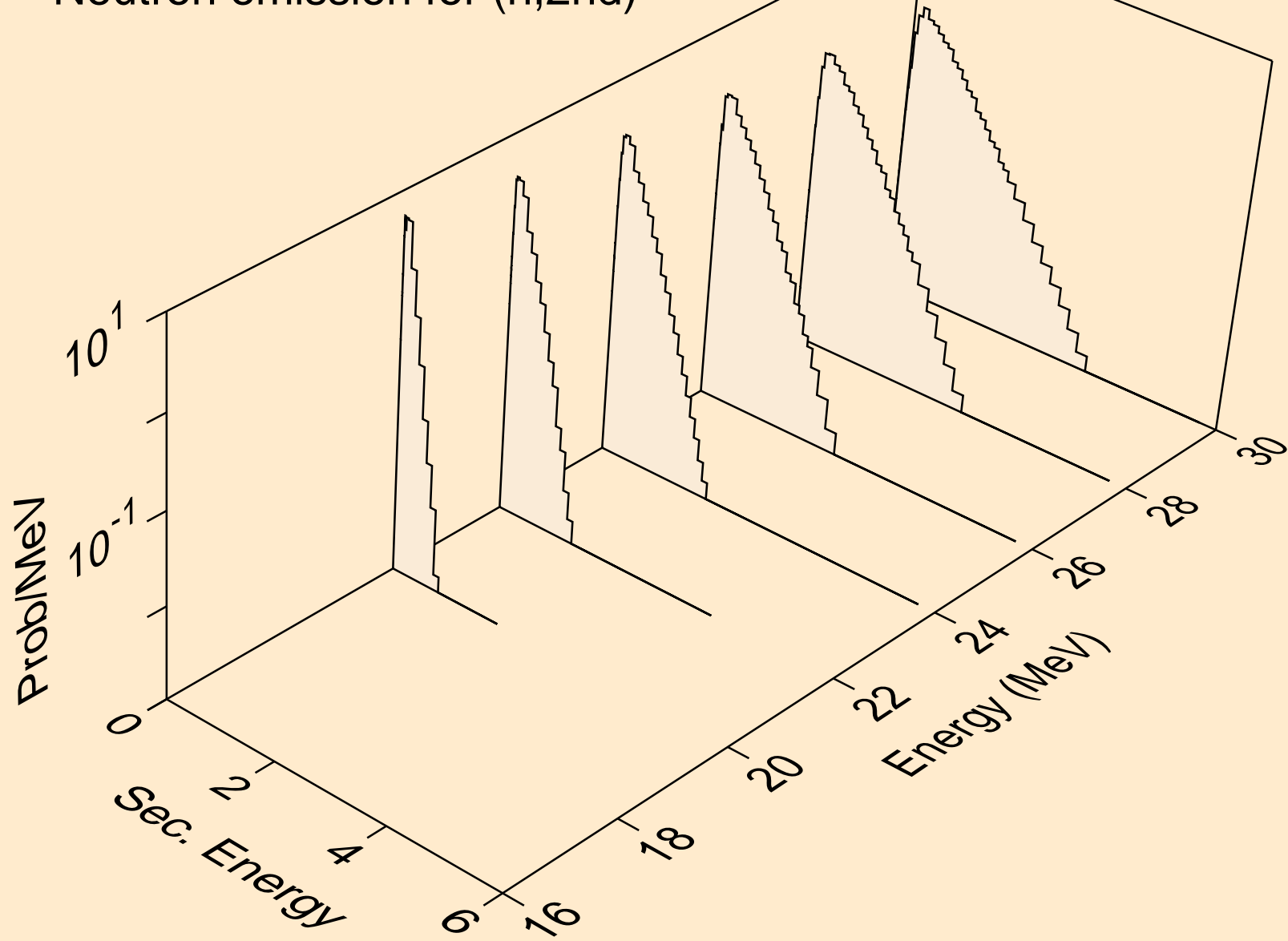
LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)



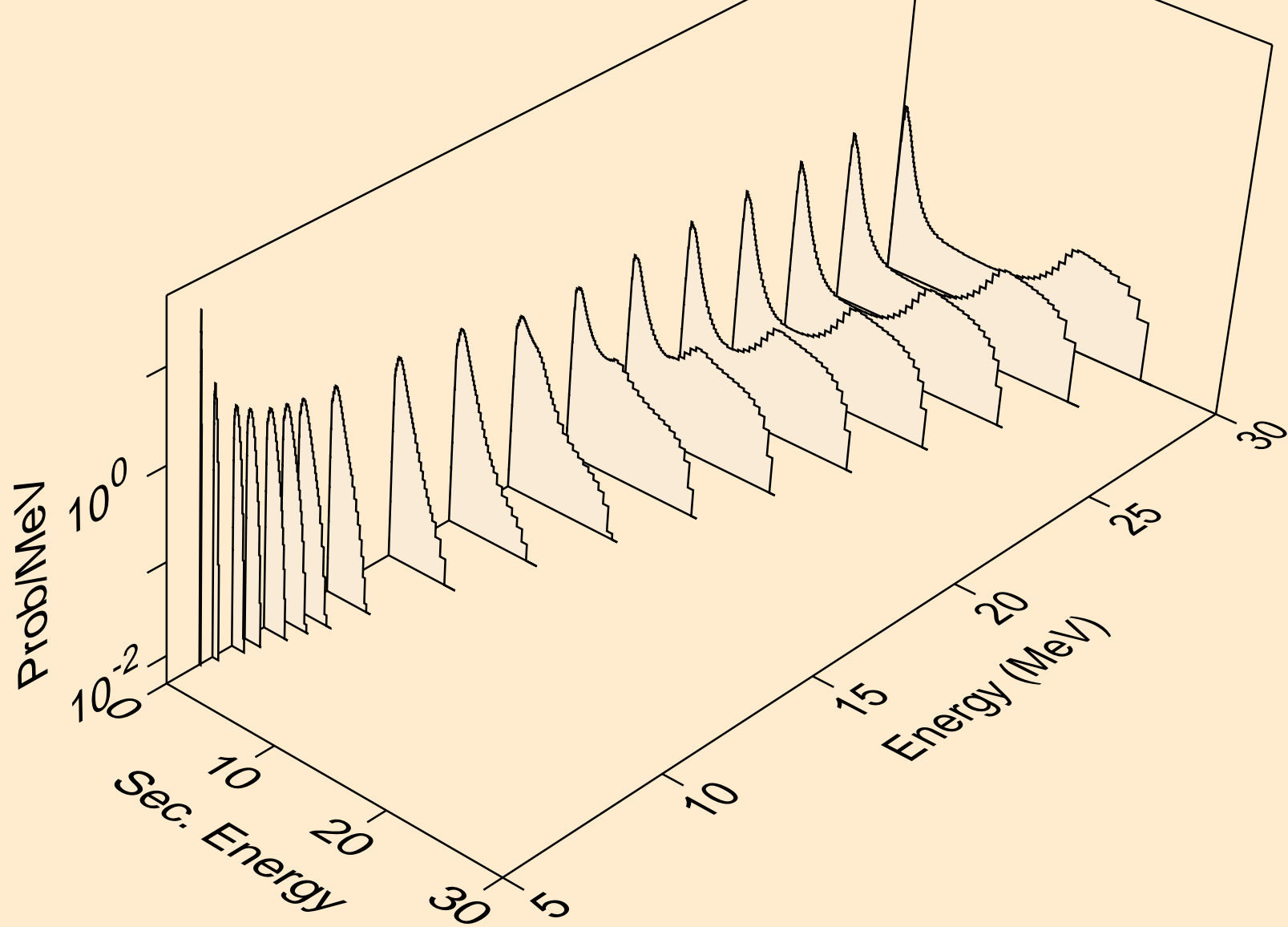
LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)

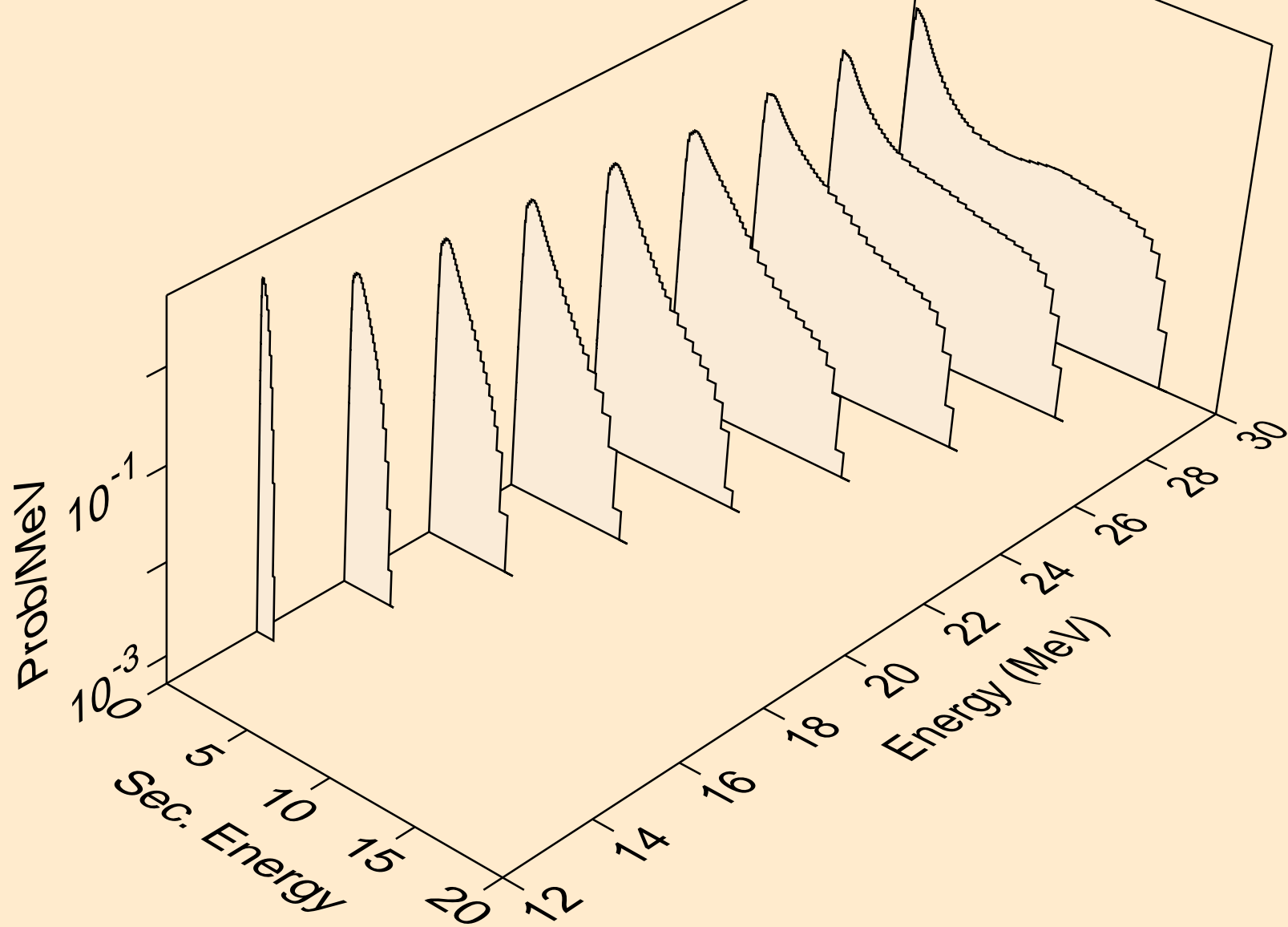


LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)

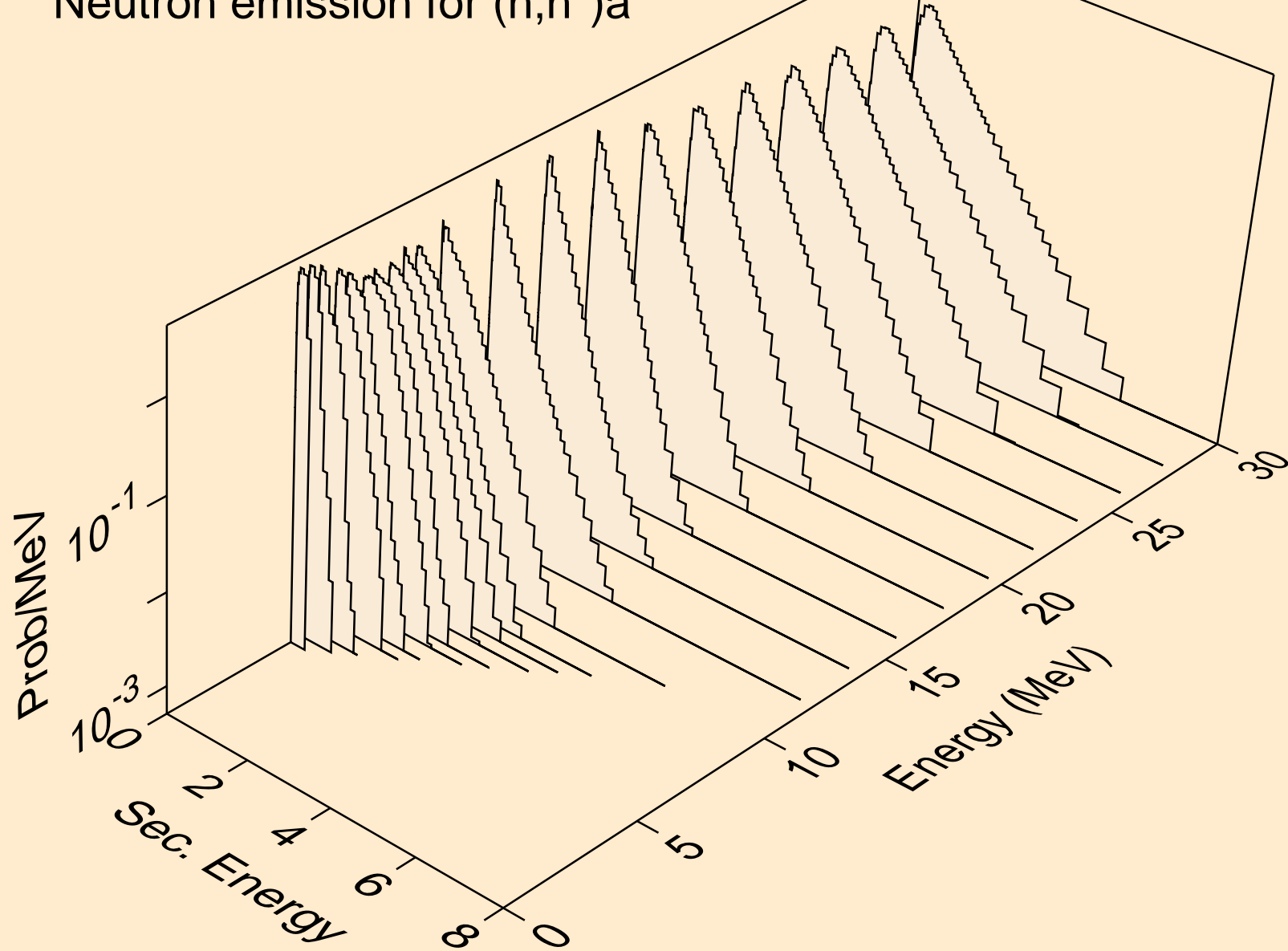




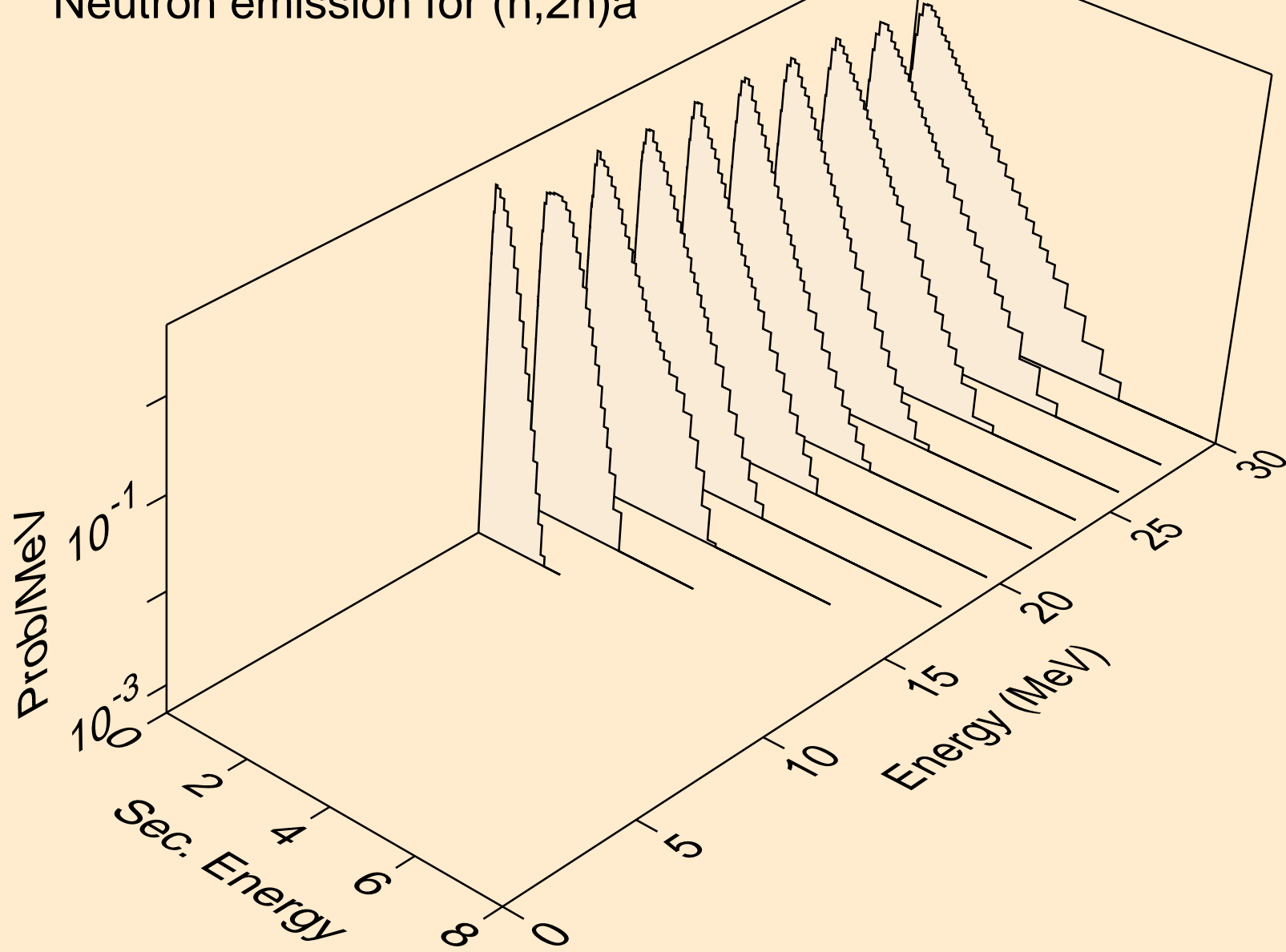
LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



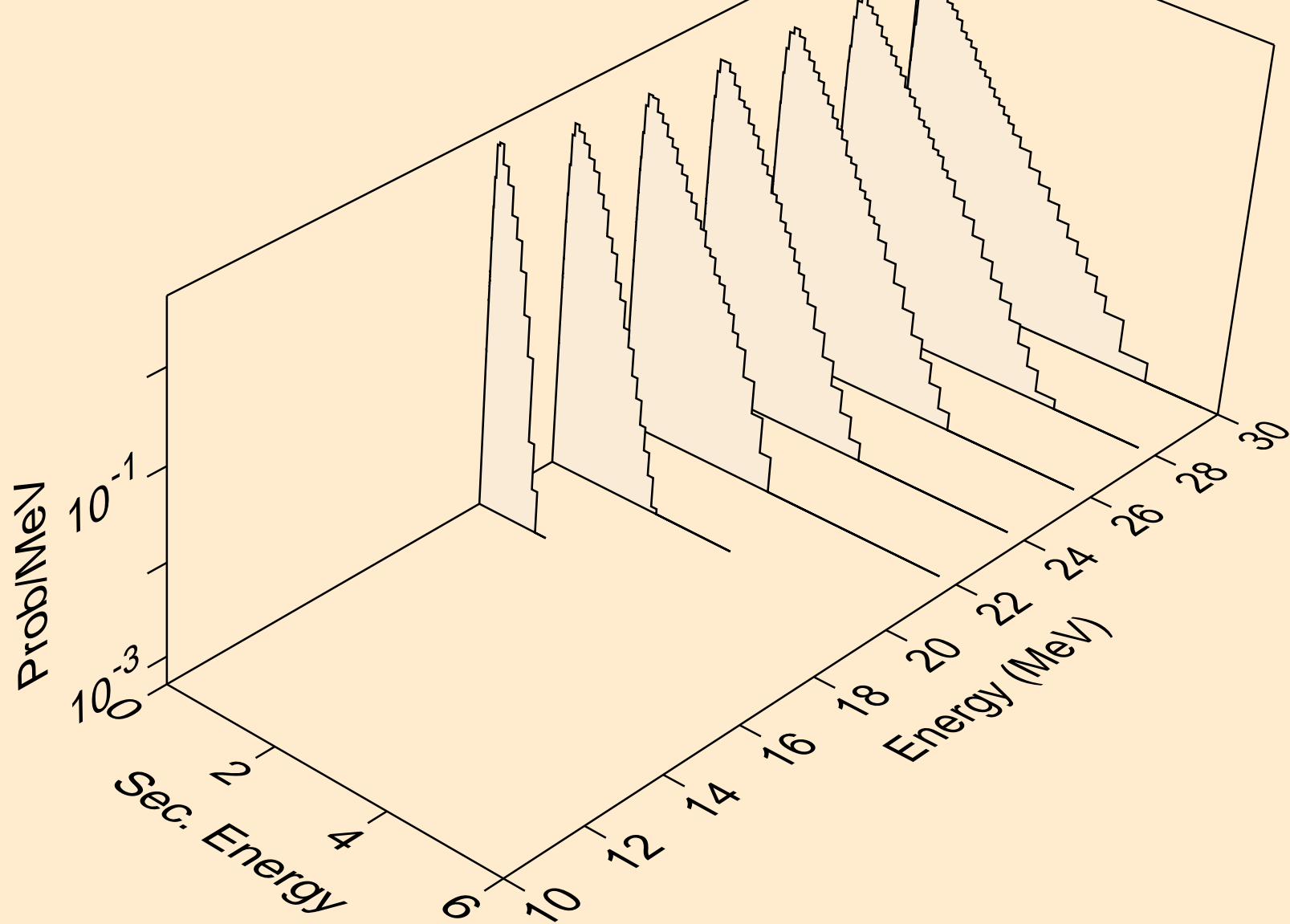
LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



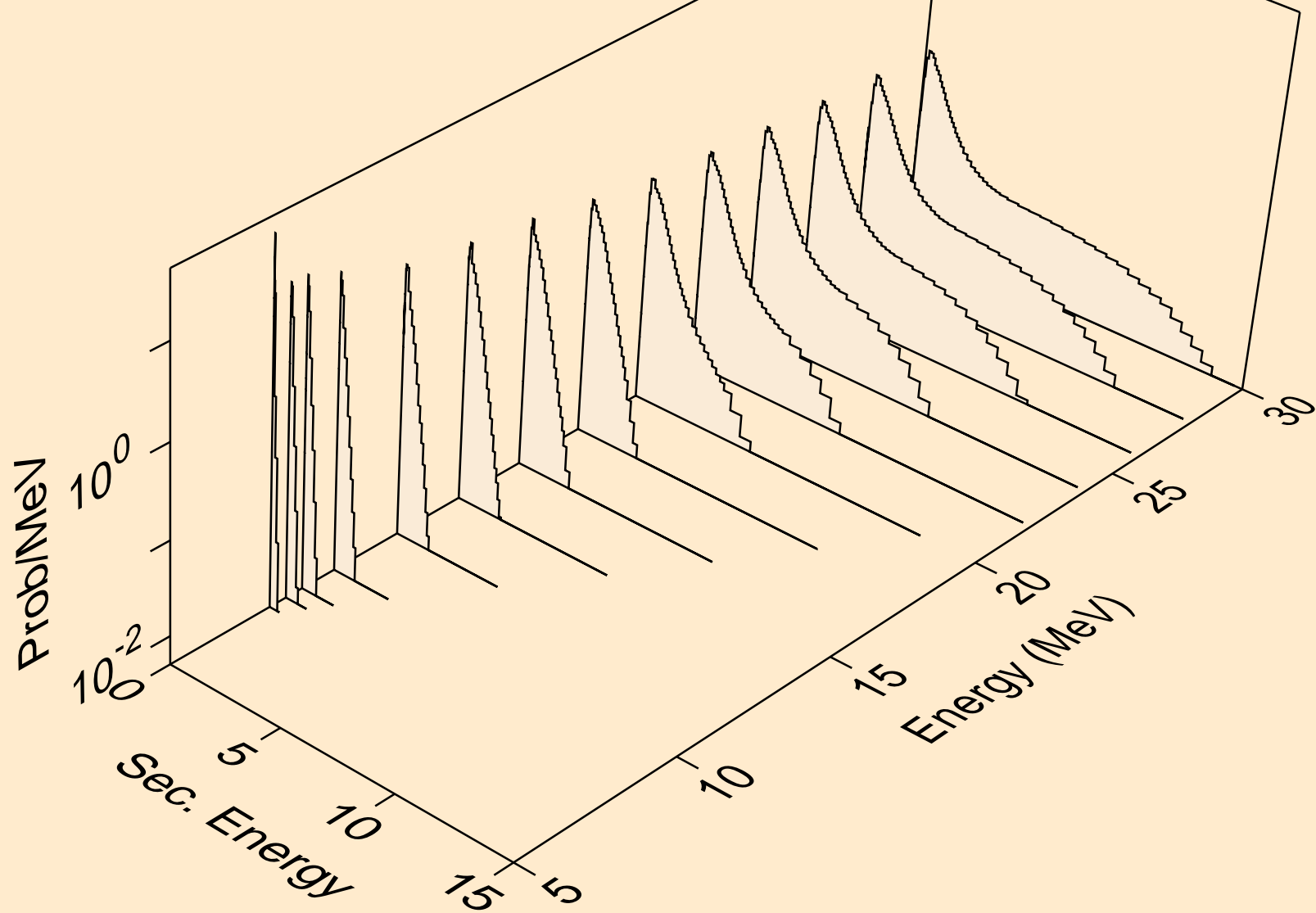
LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



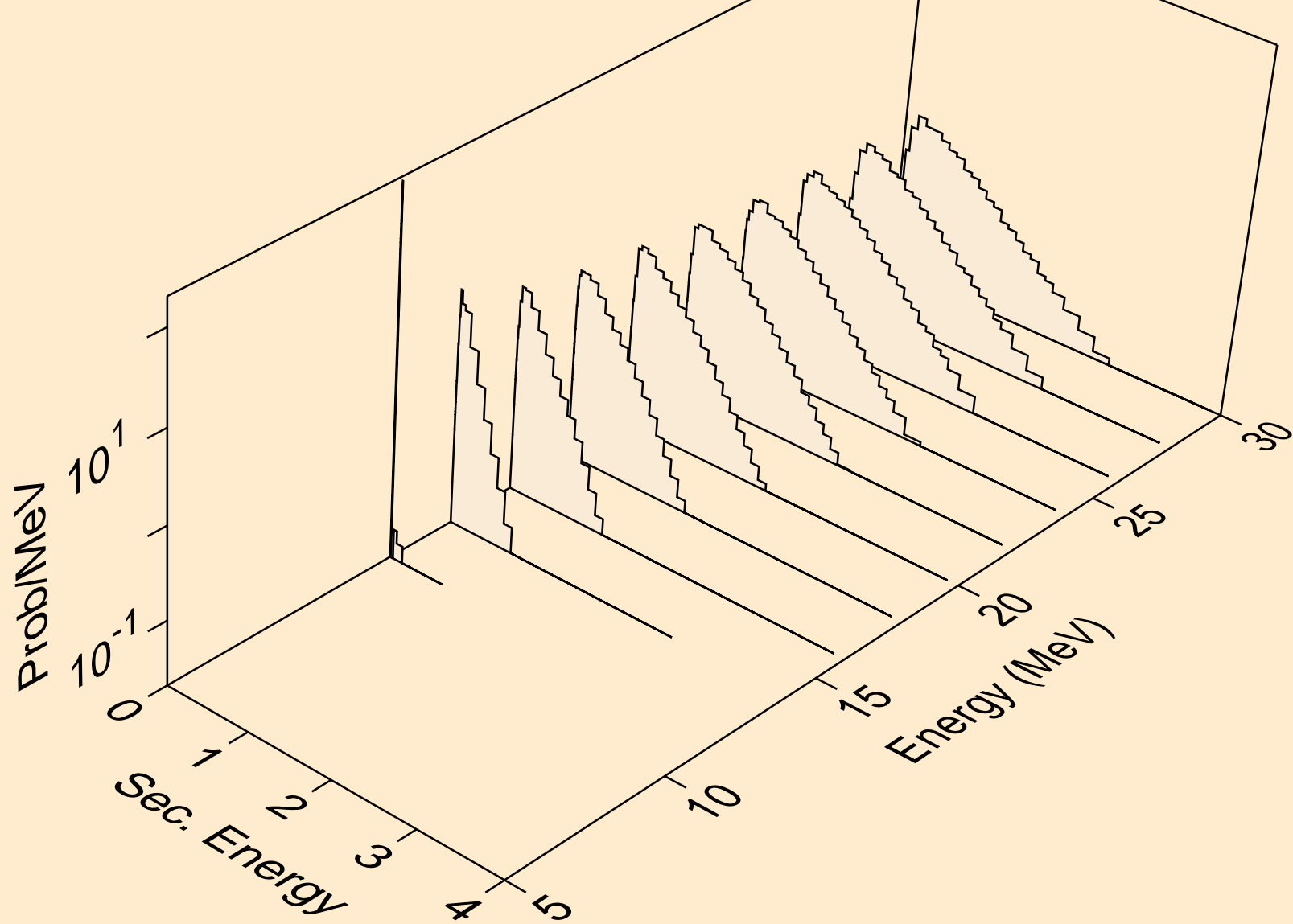
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Neutron emission for (n,3n)a



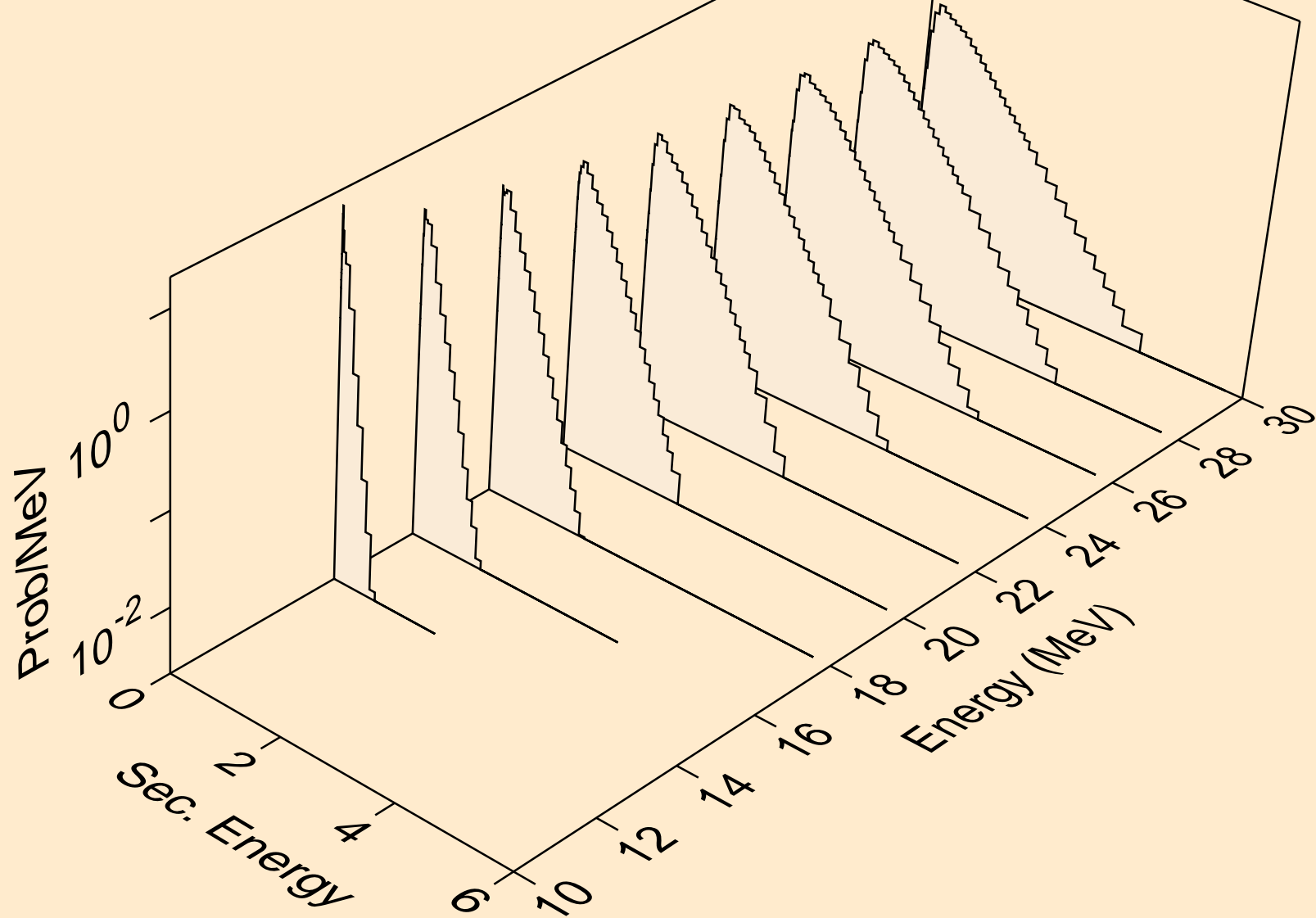
LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



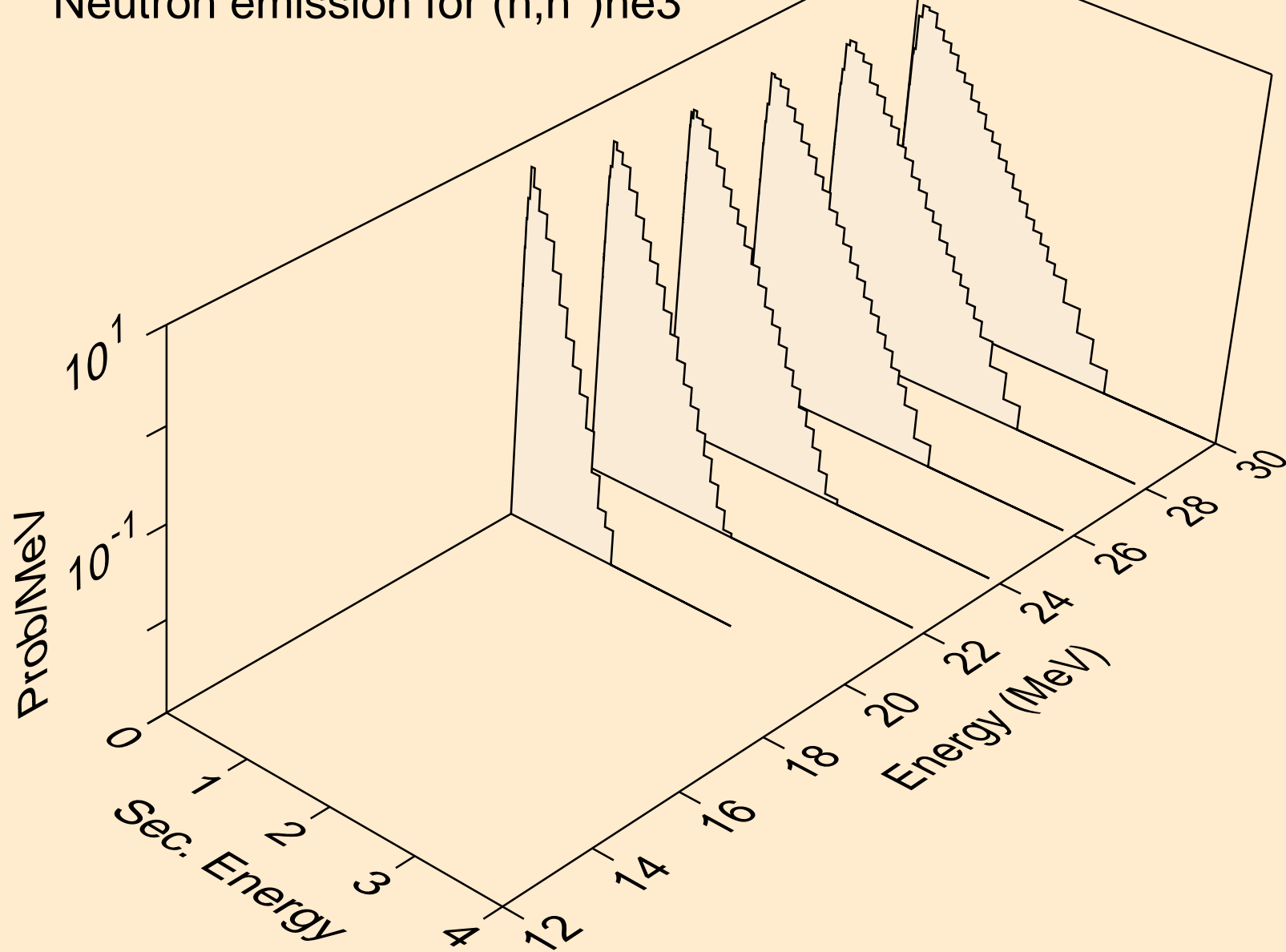
LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t

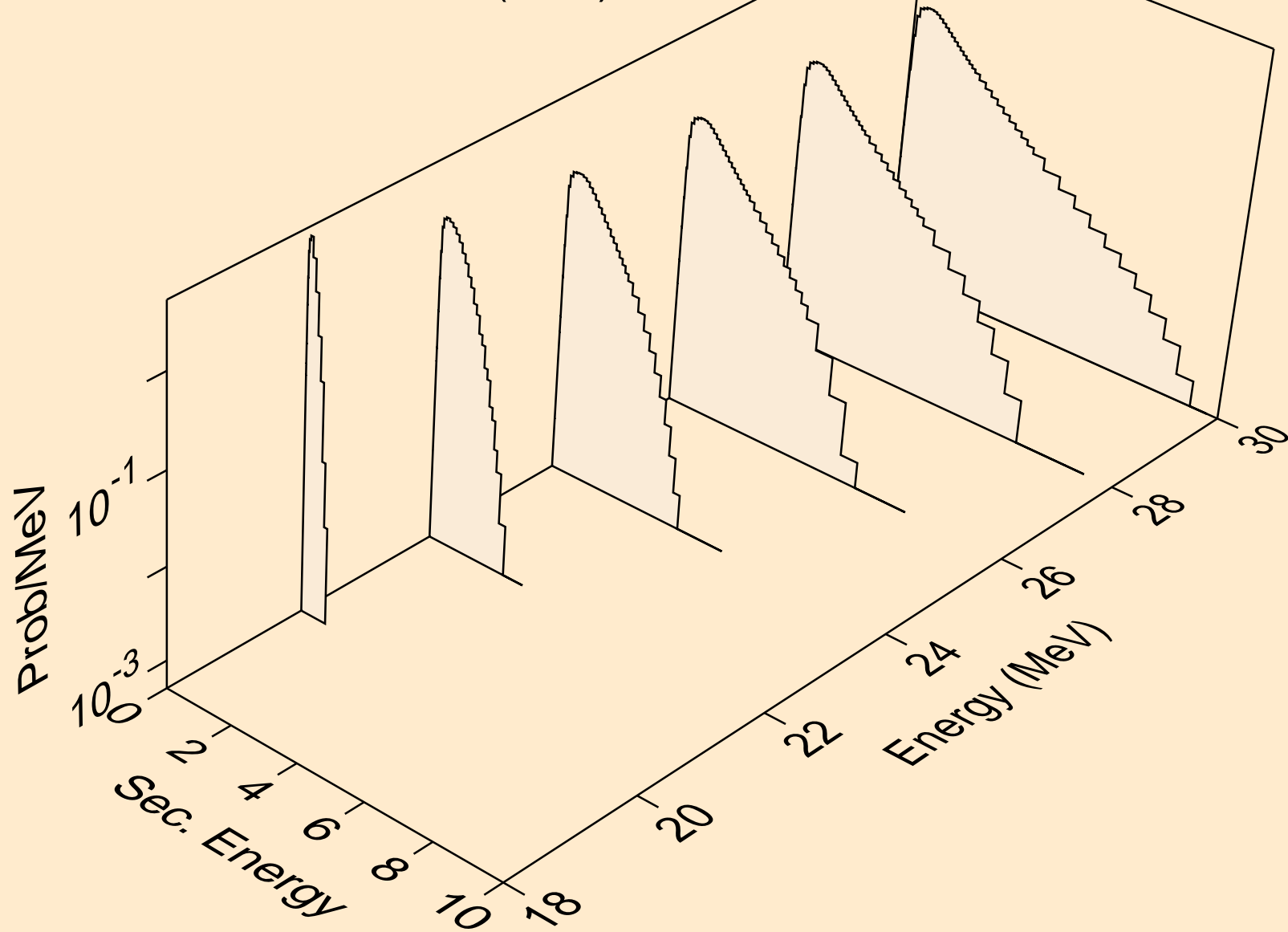


LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3

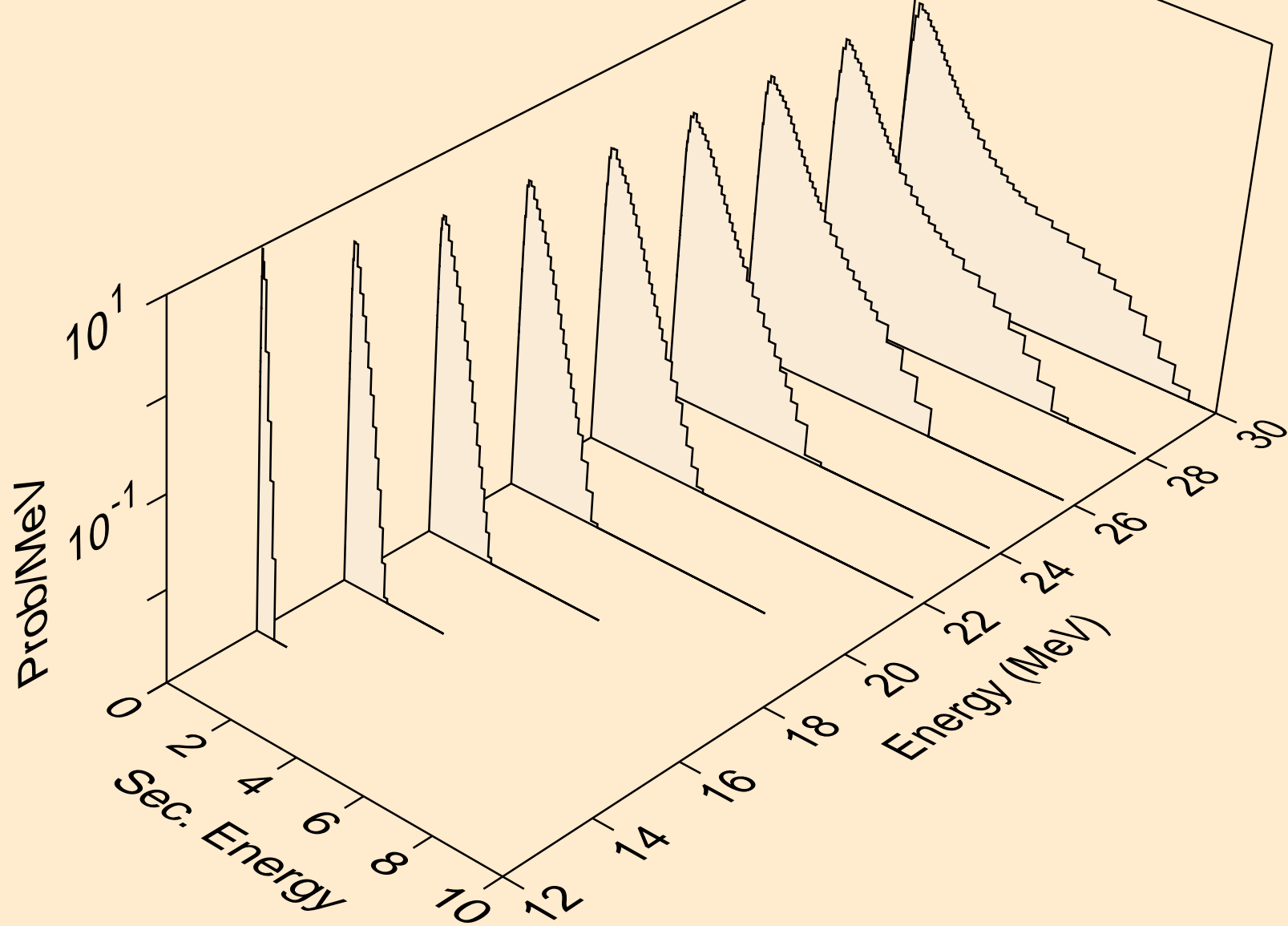




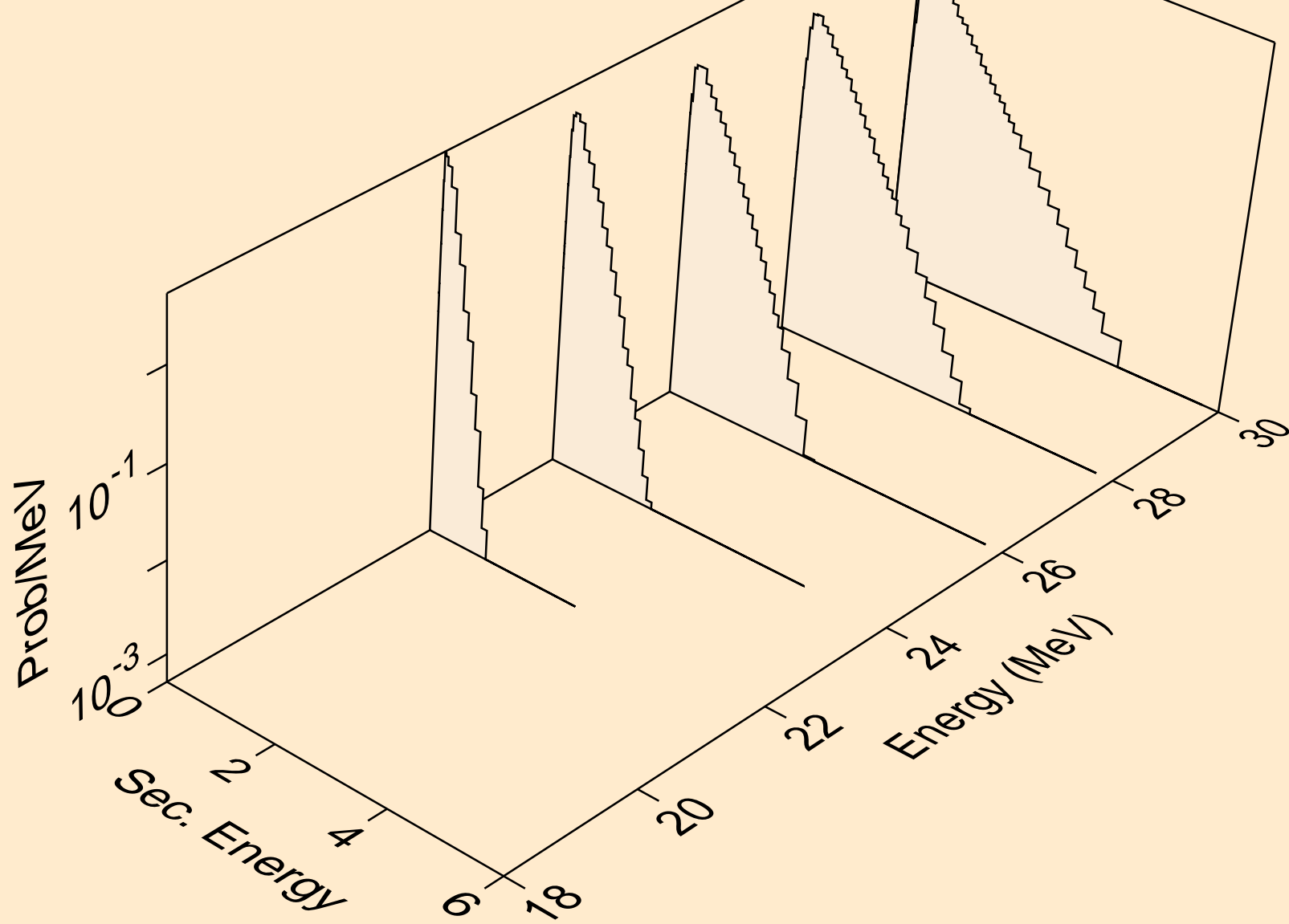
LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



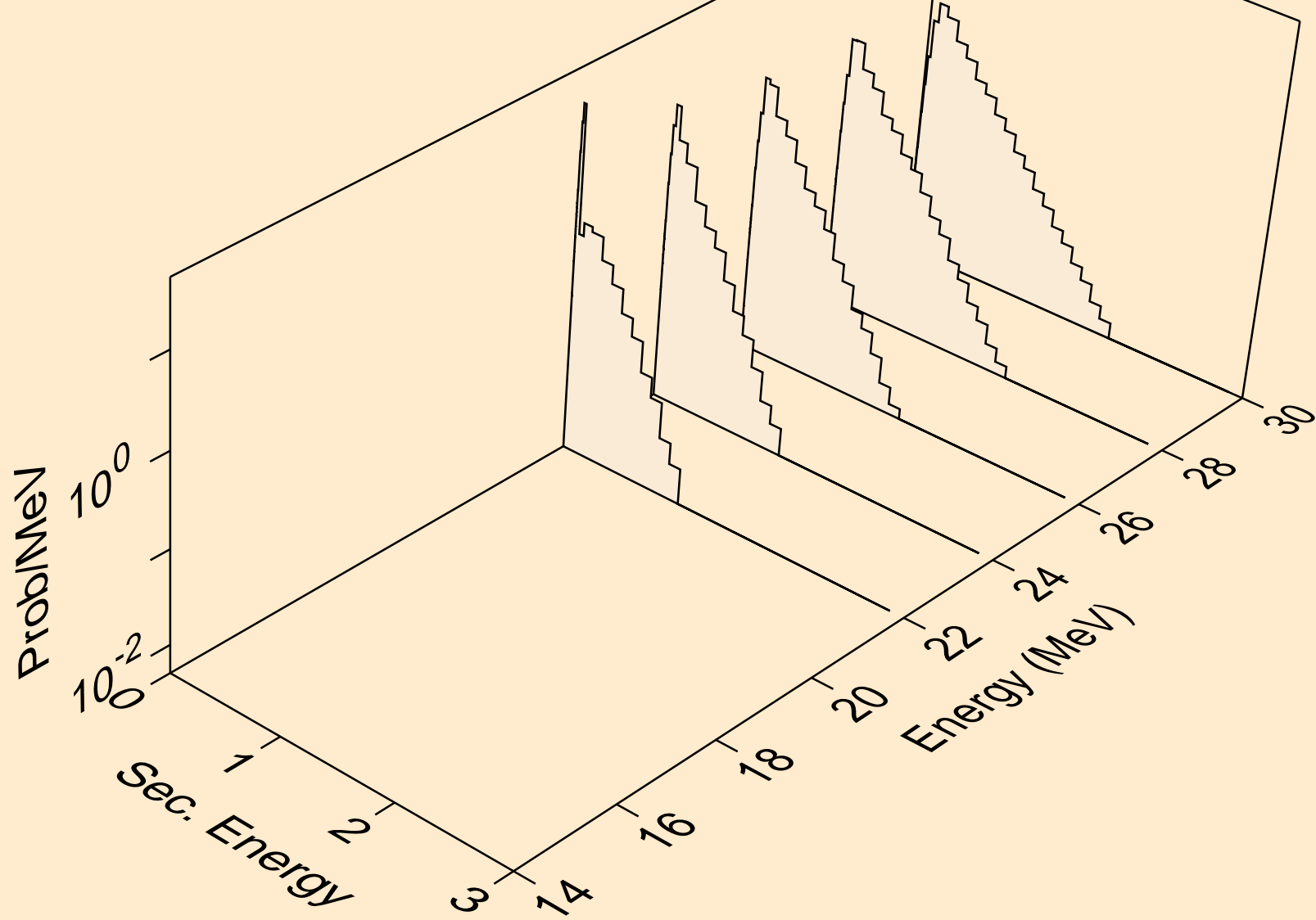
LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



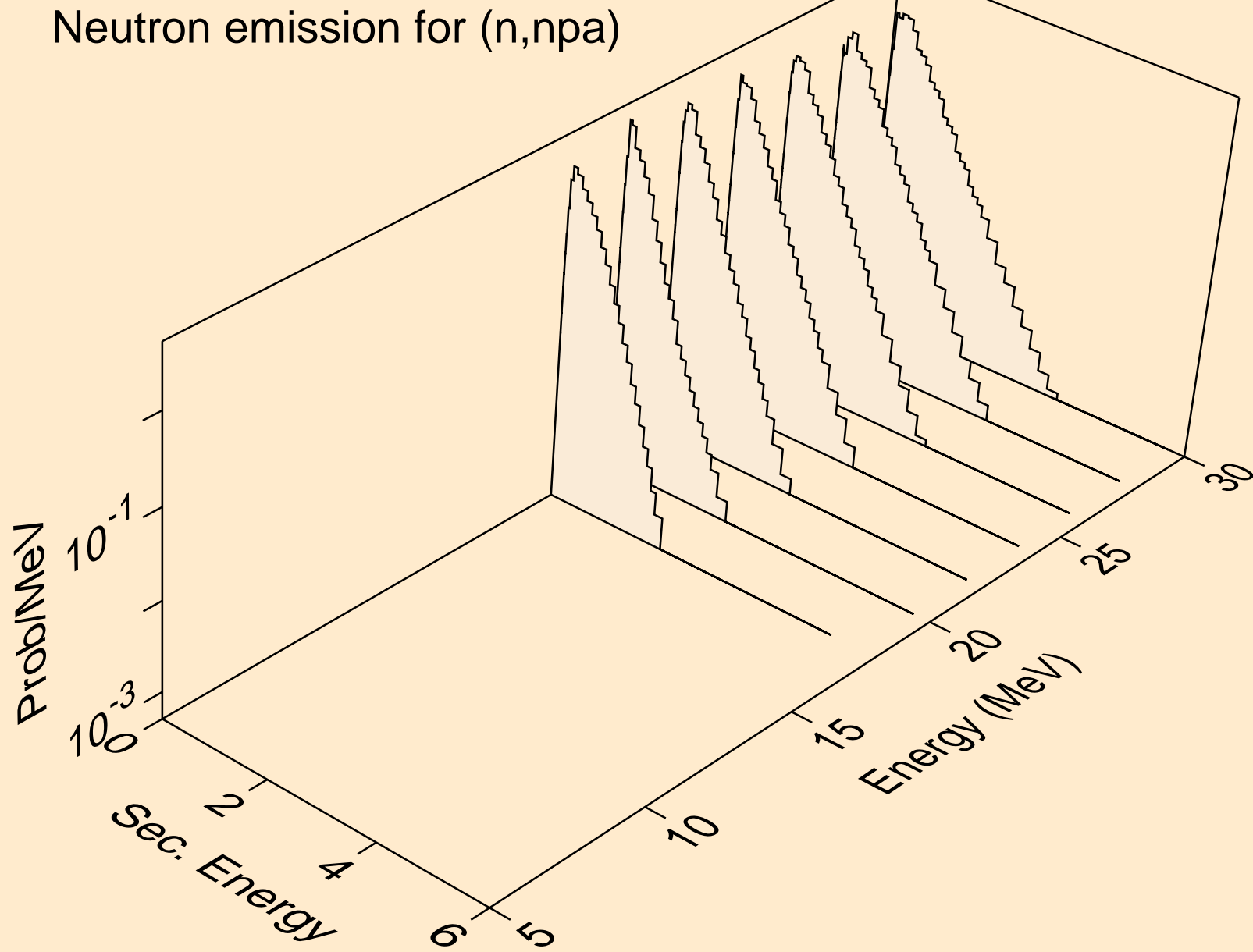
LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



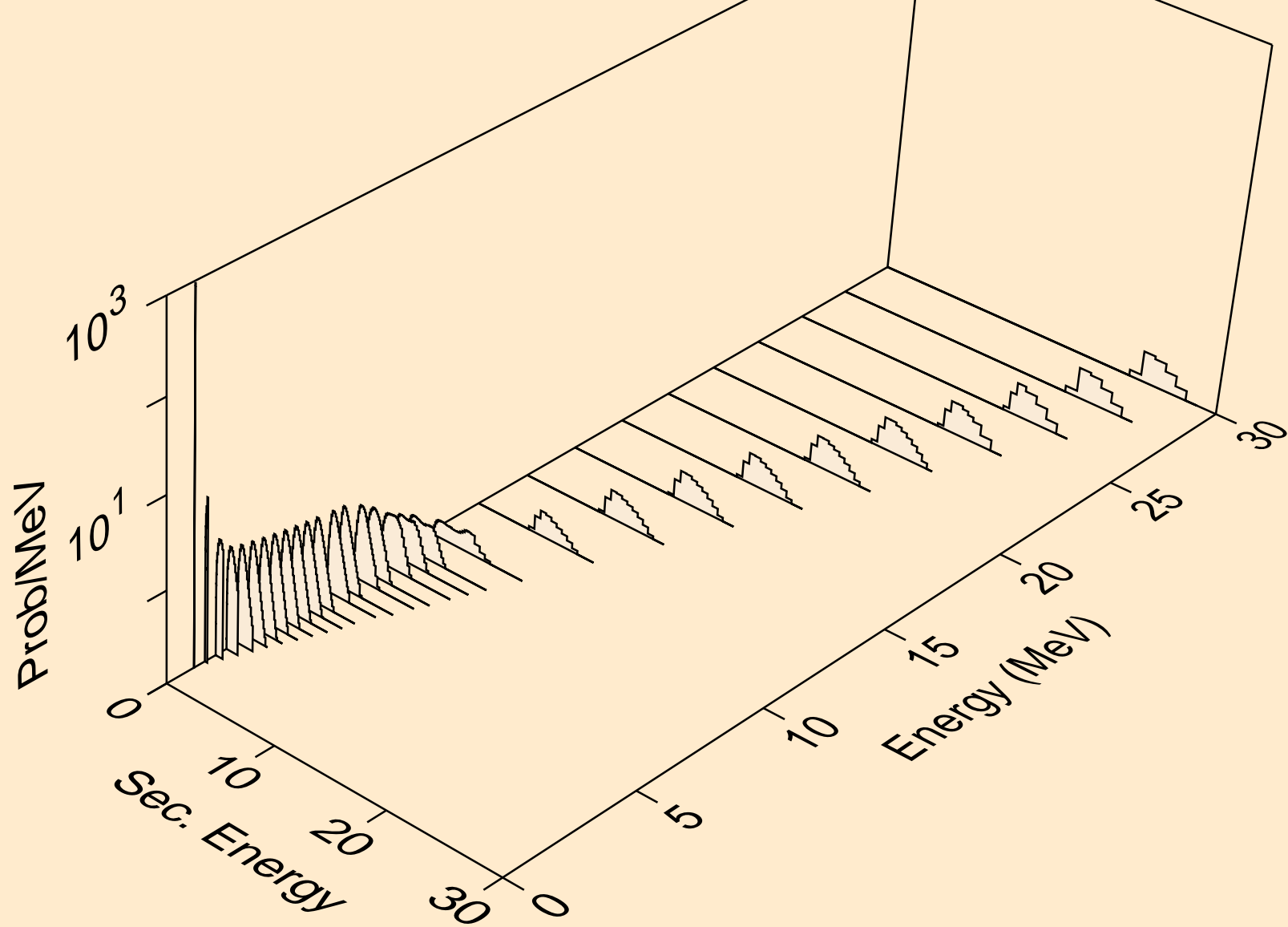
LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



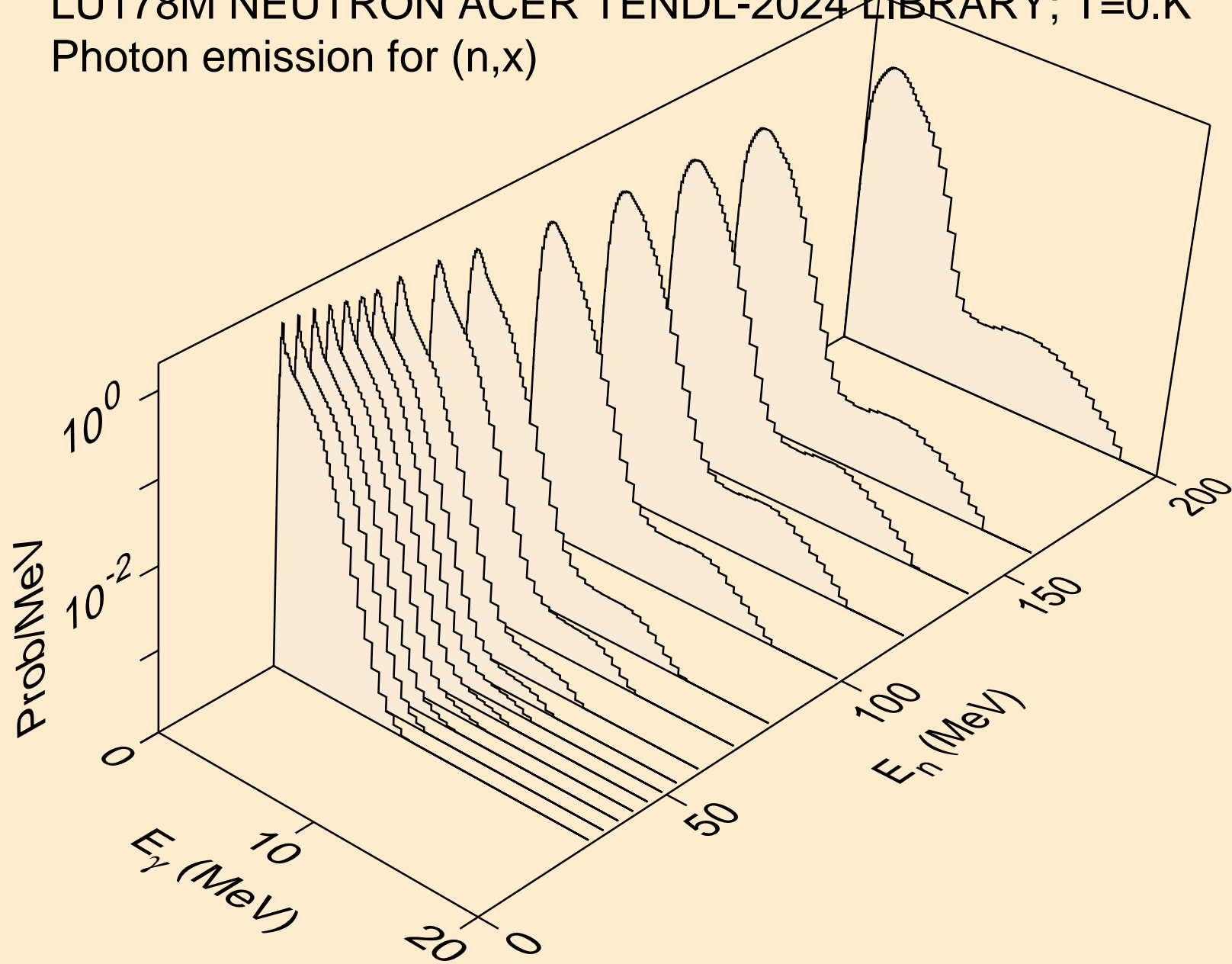
LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)



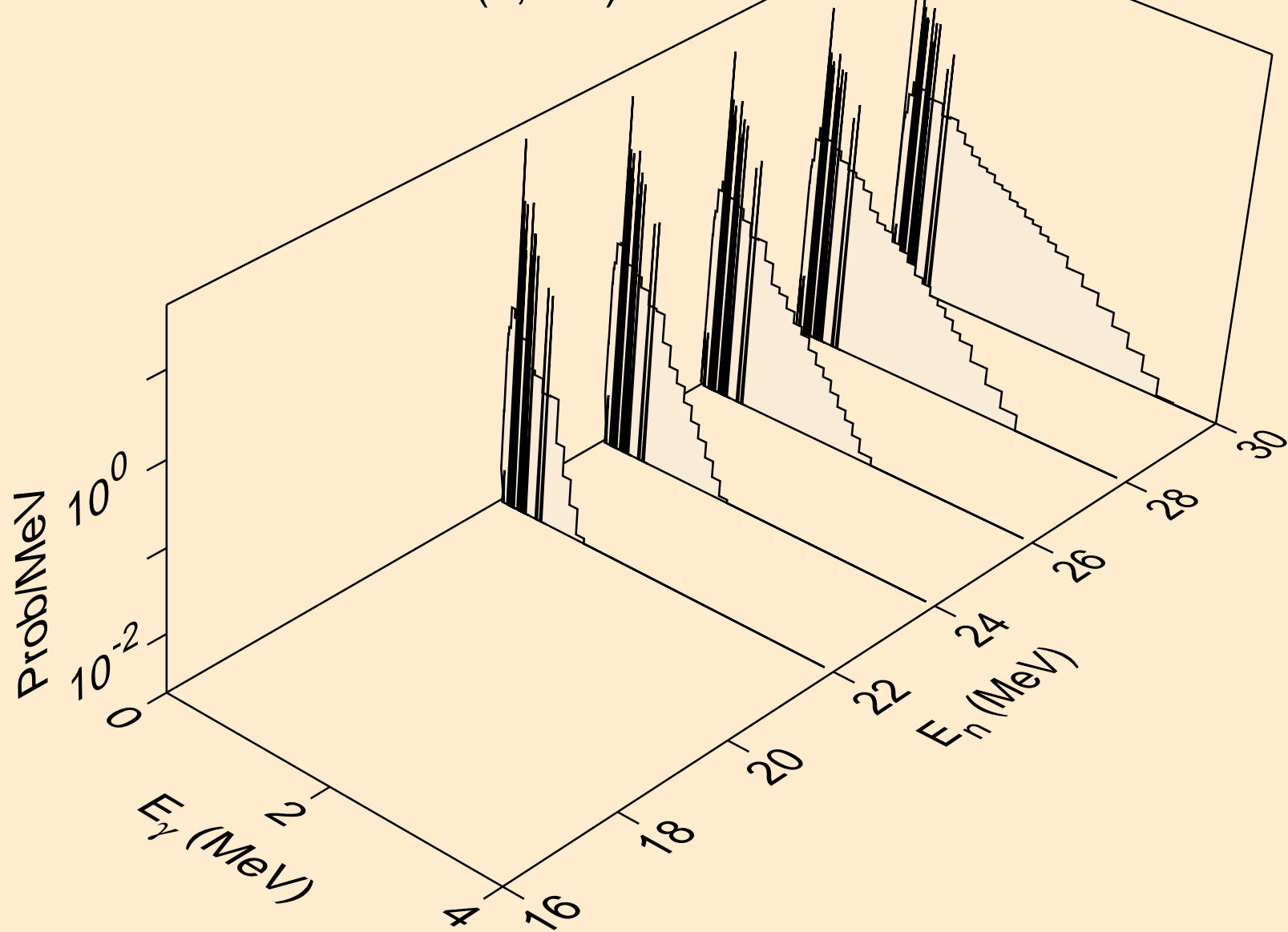
LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)

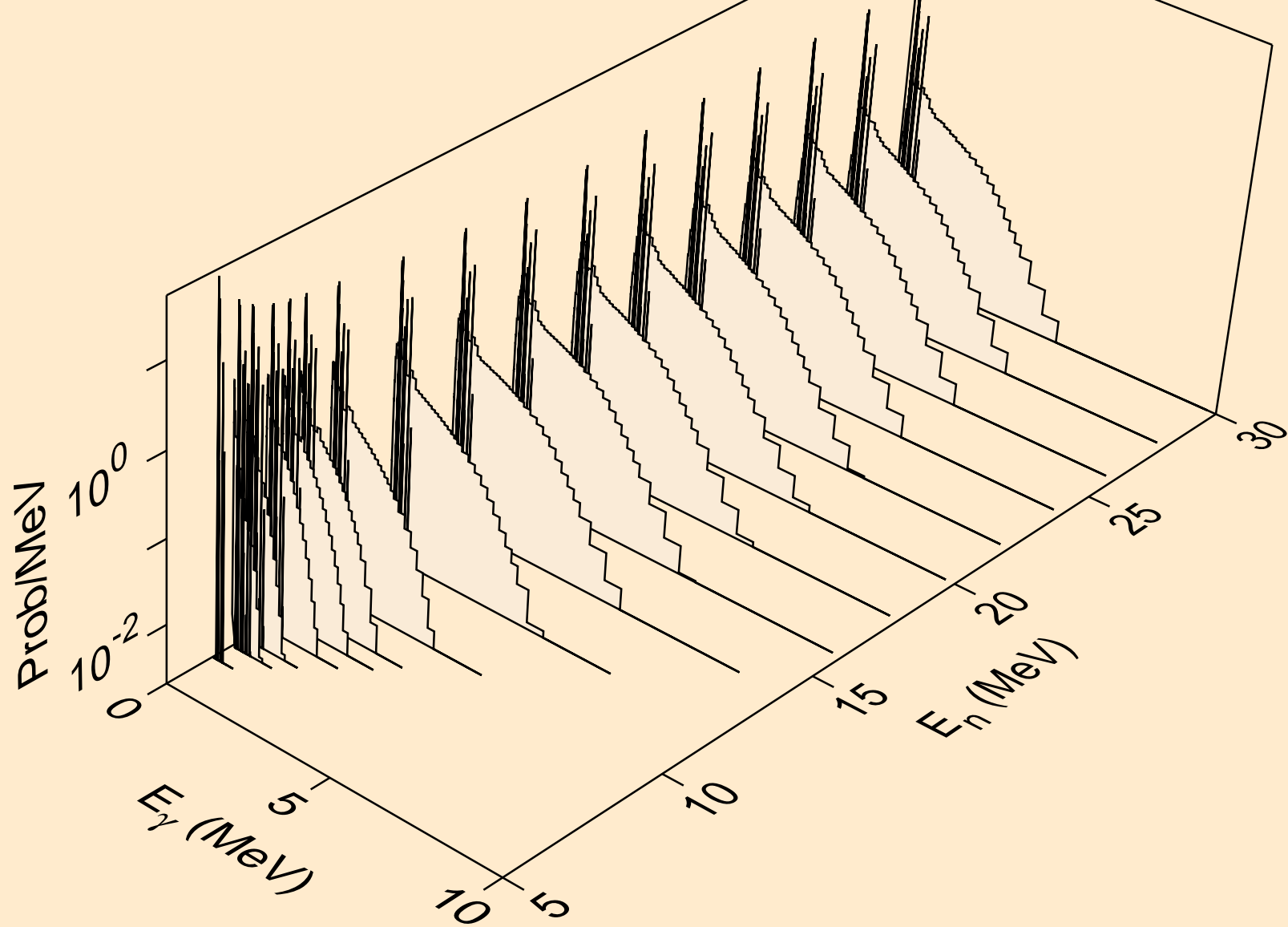


LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)

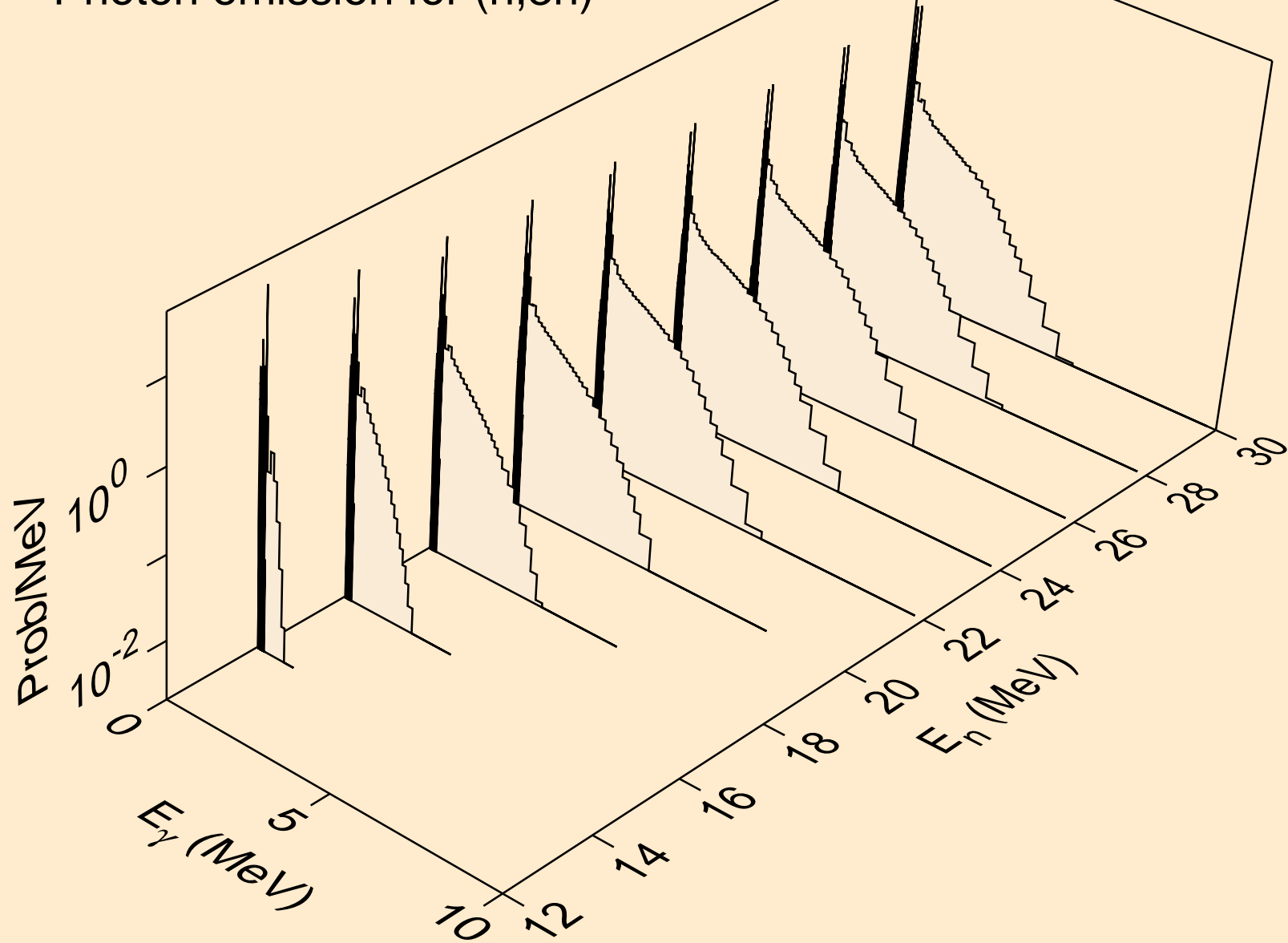




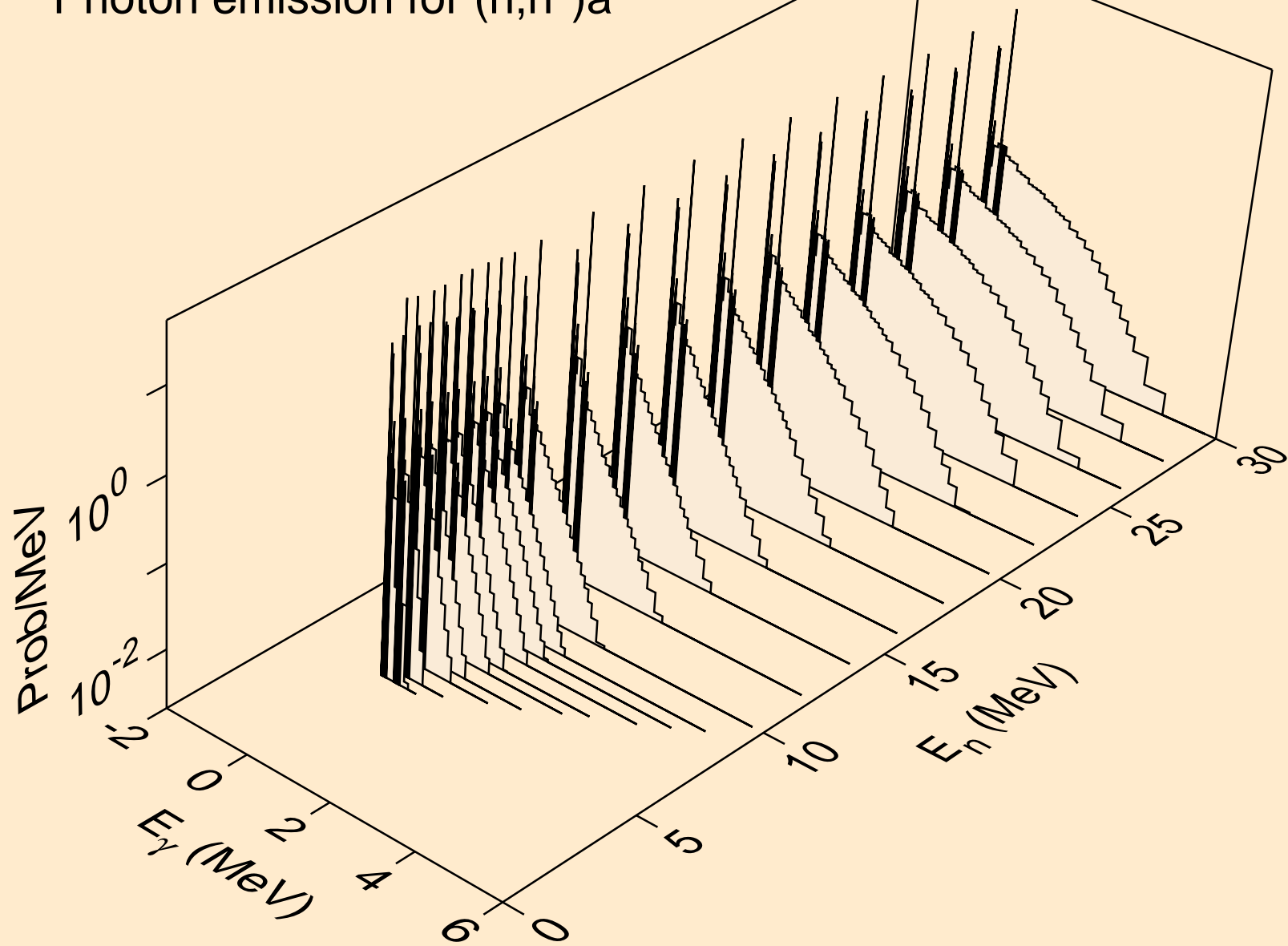
LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



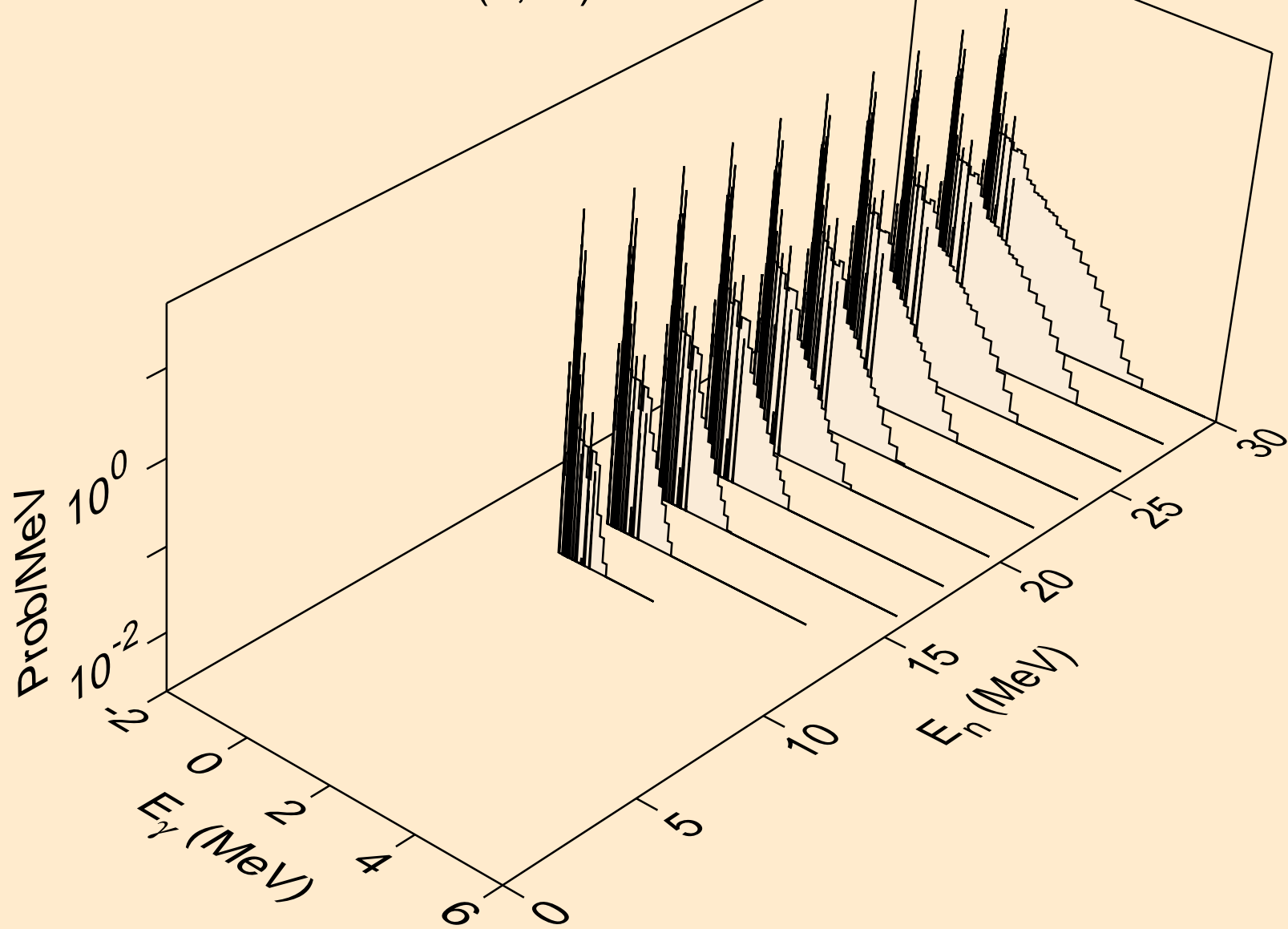
LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



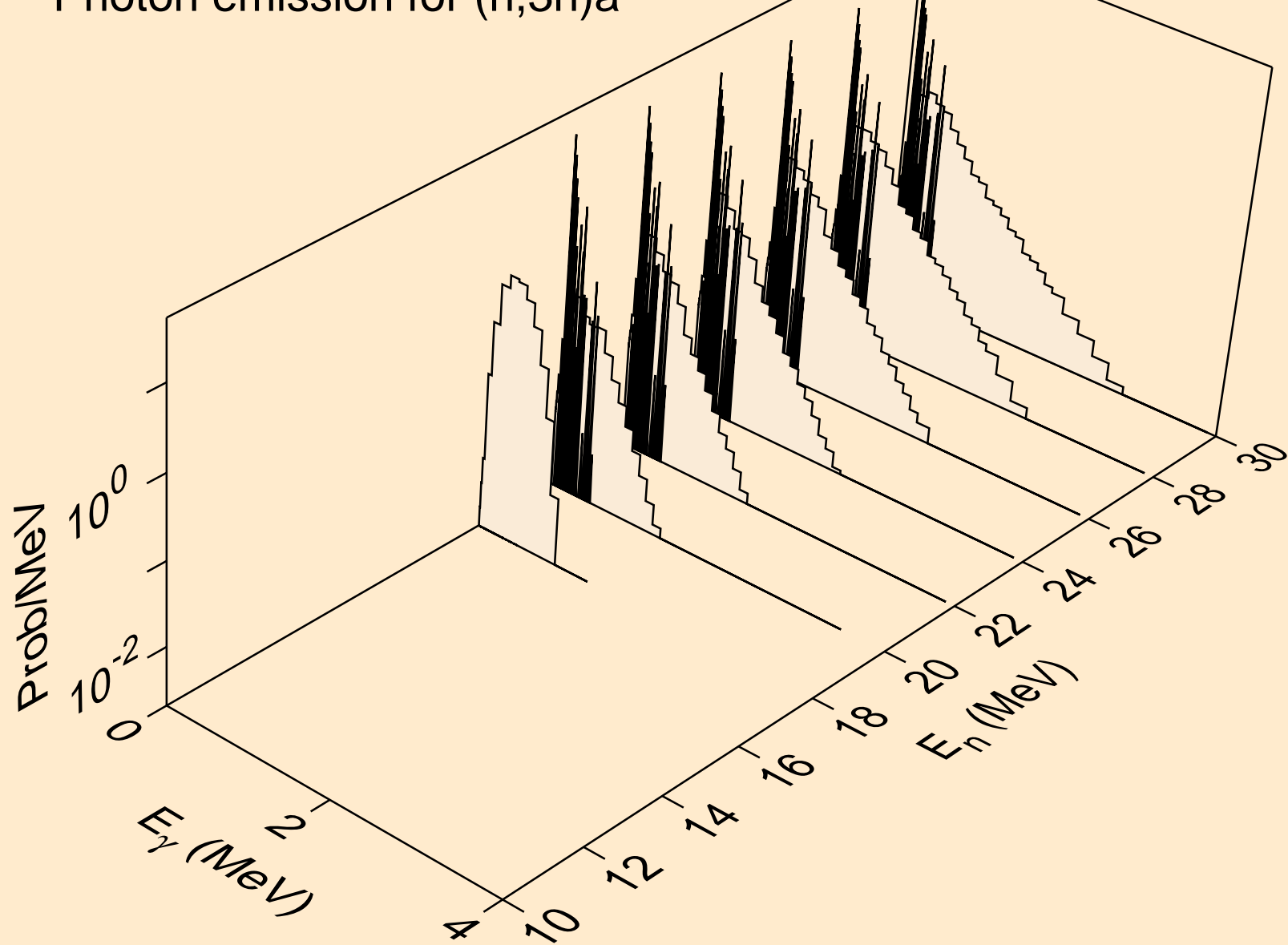
LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



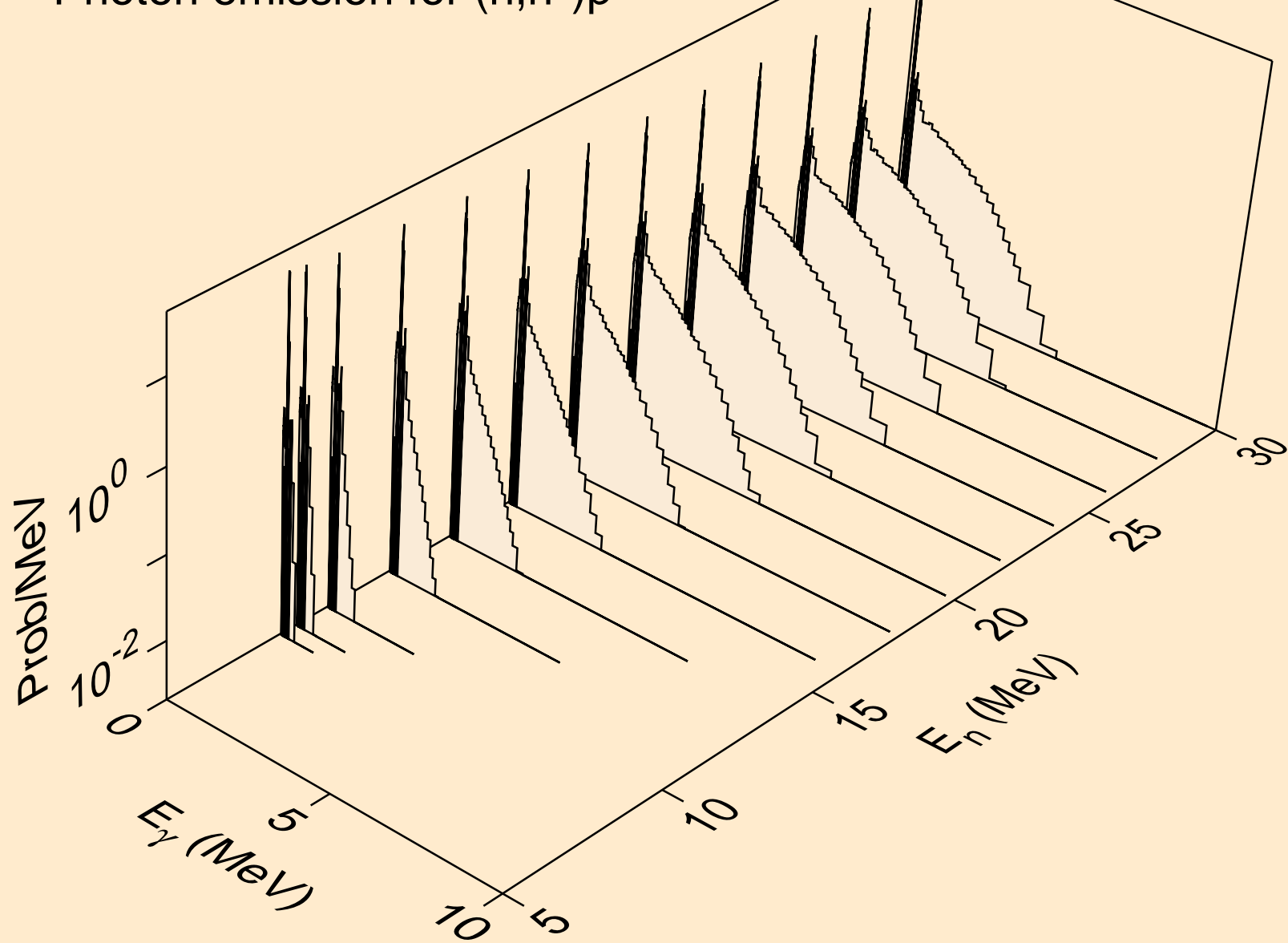
LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



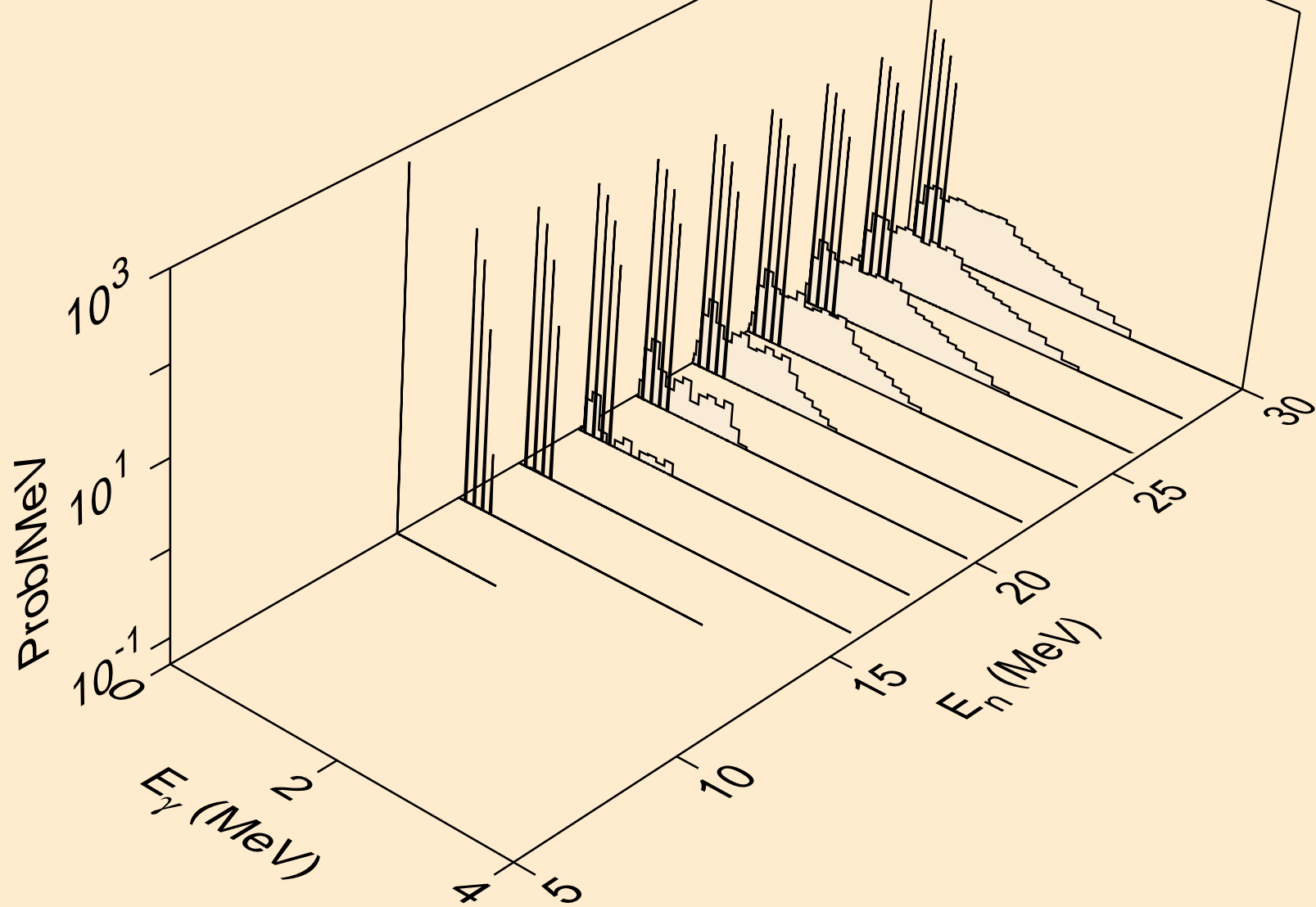
LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a



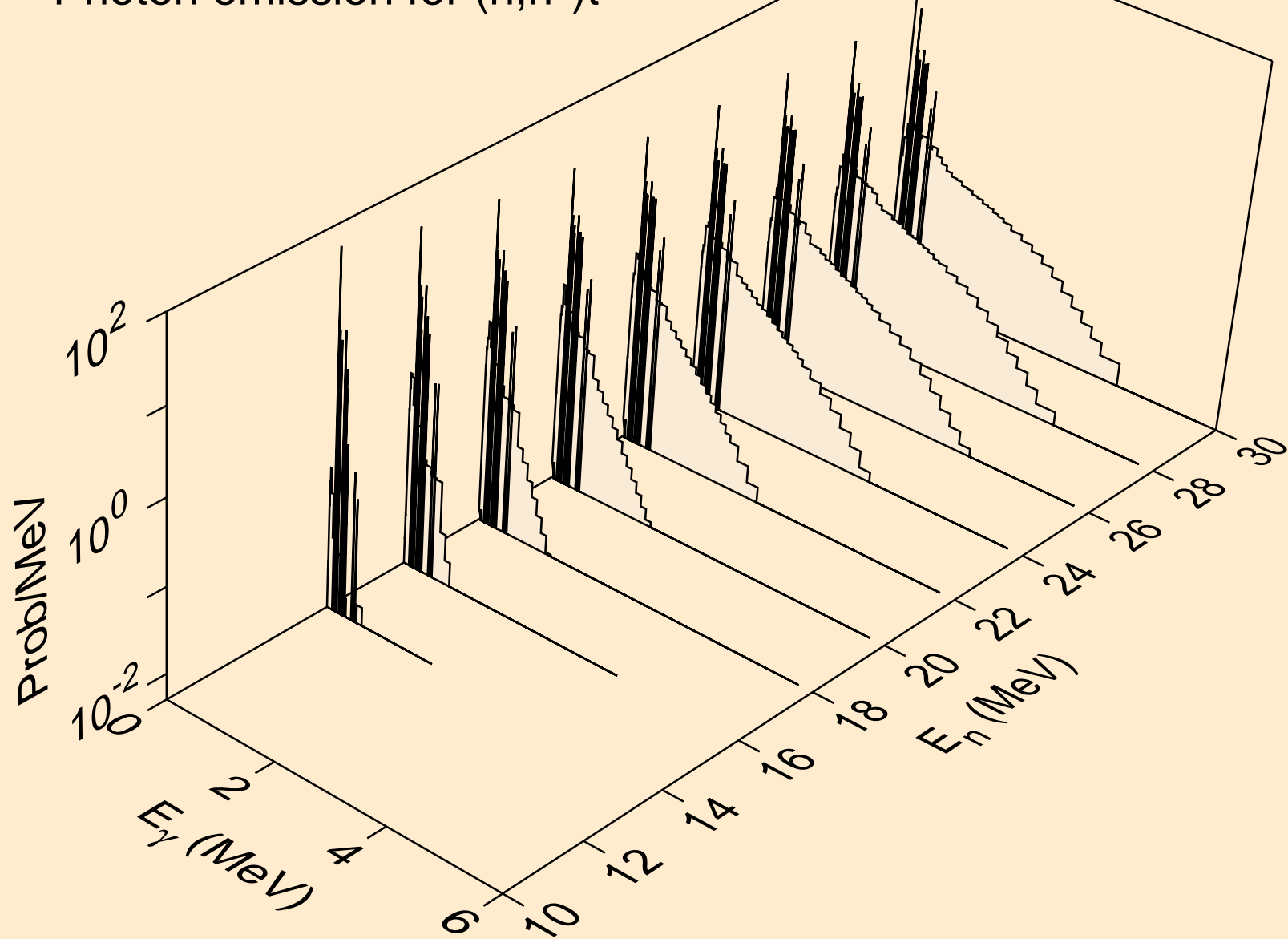
LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

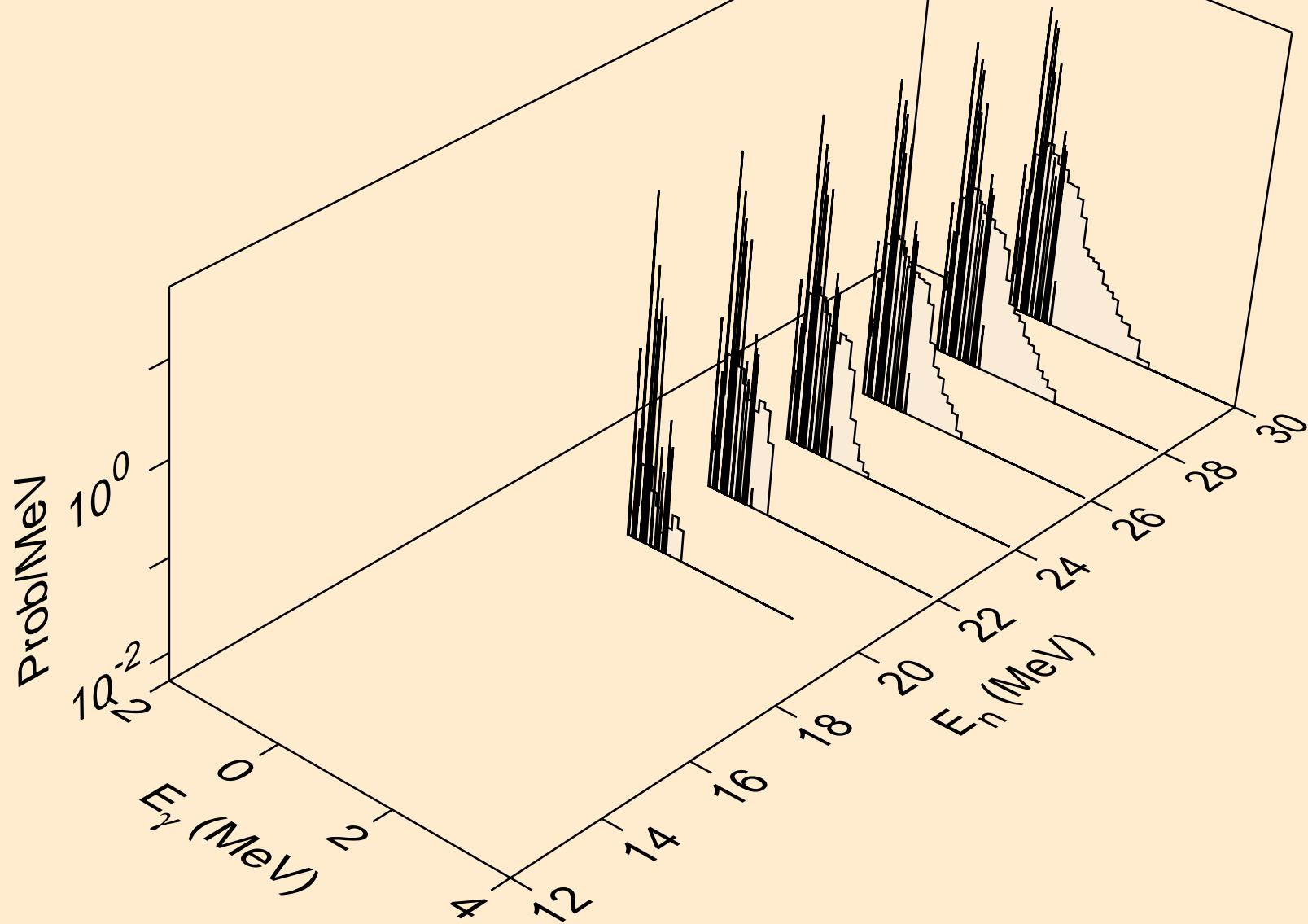


LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

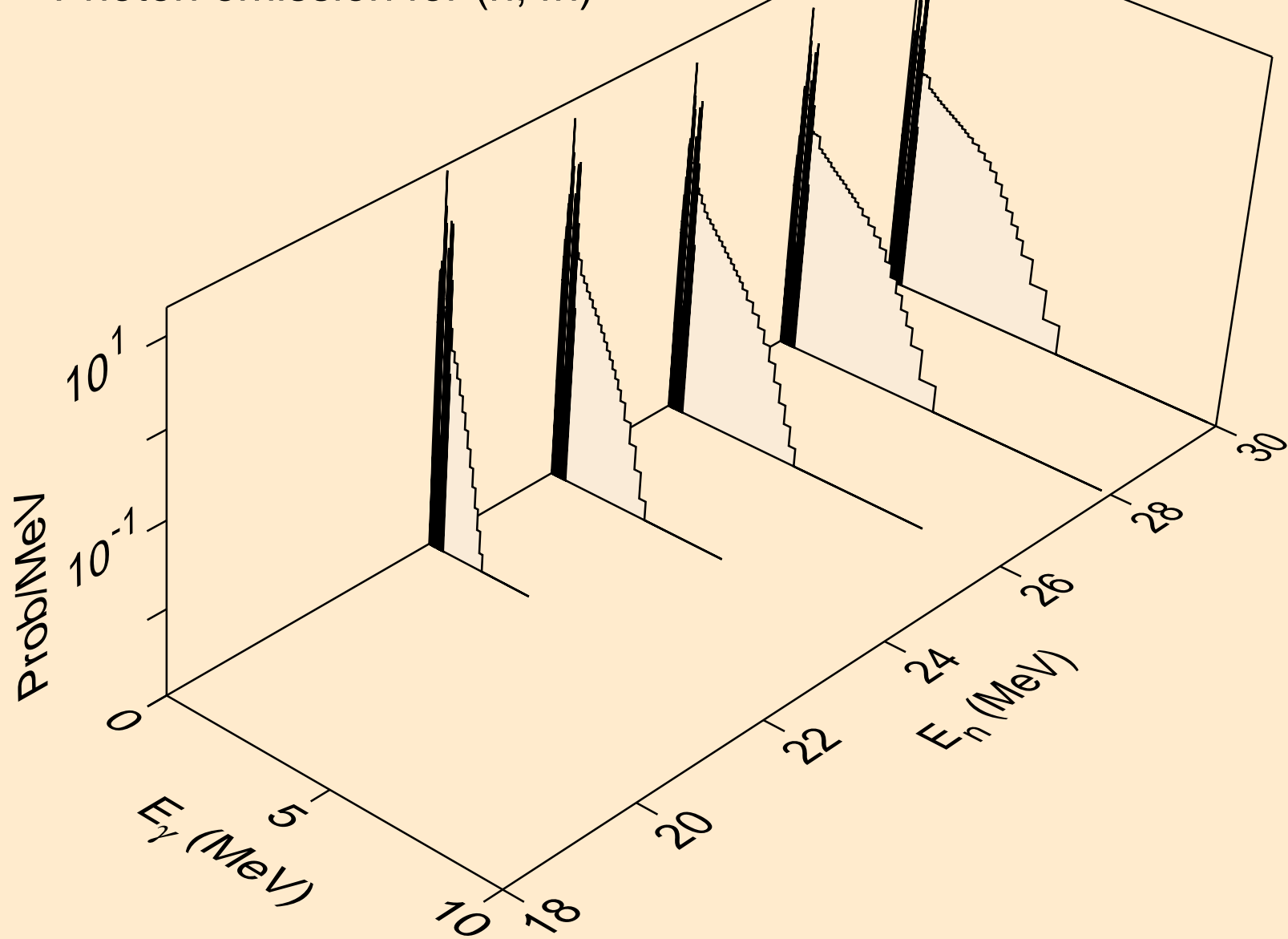




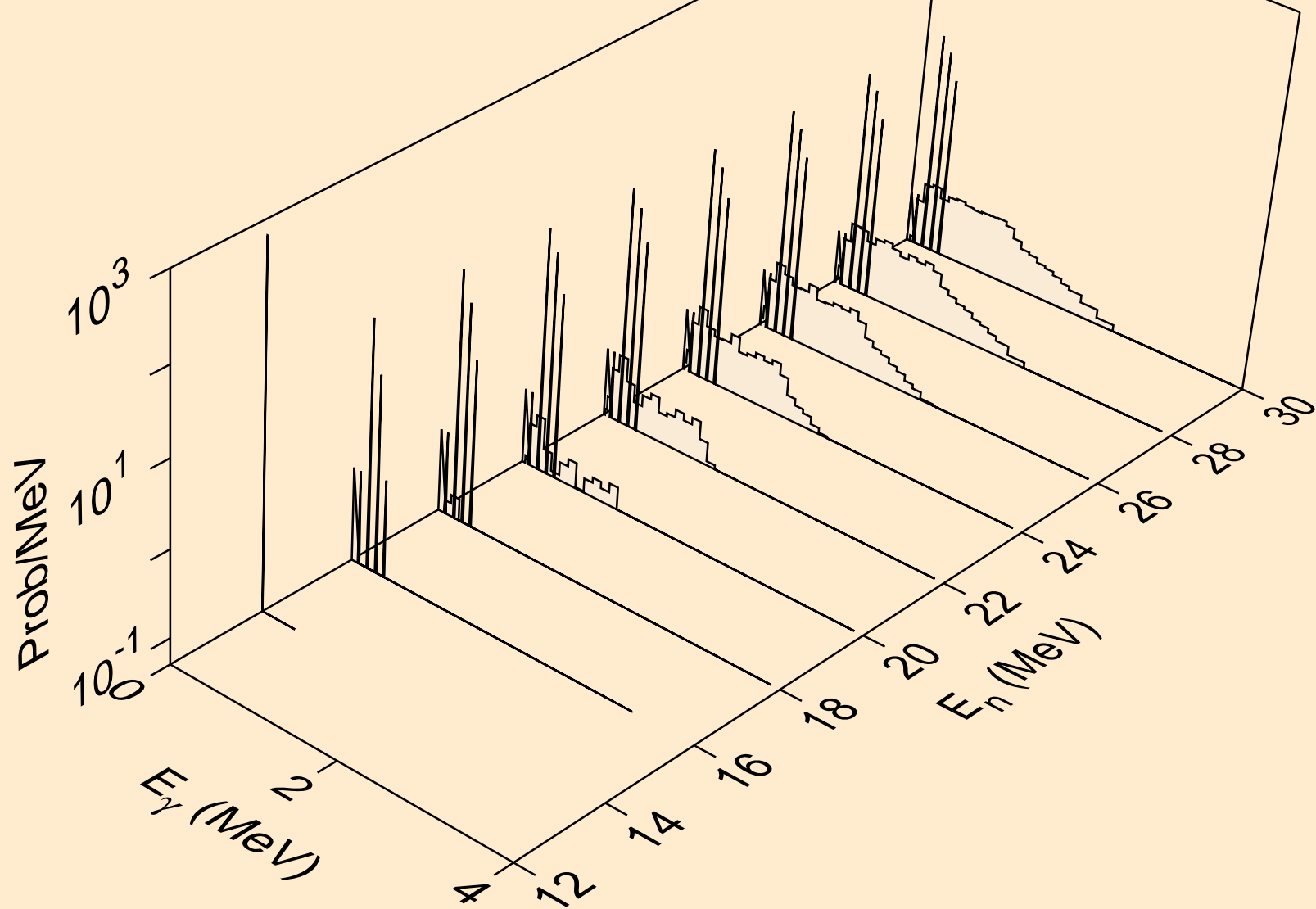
LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



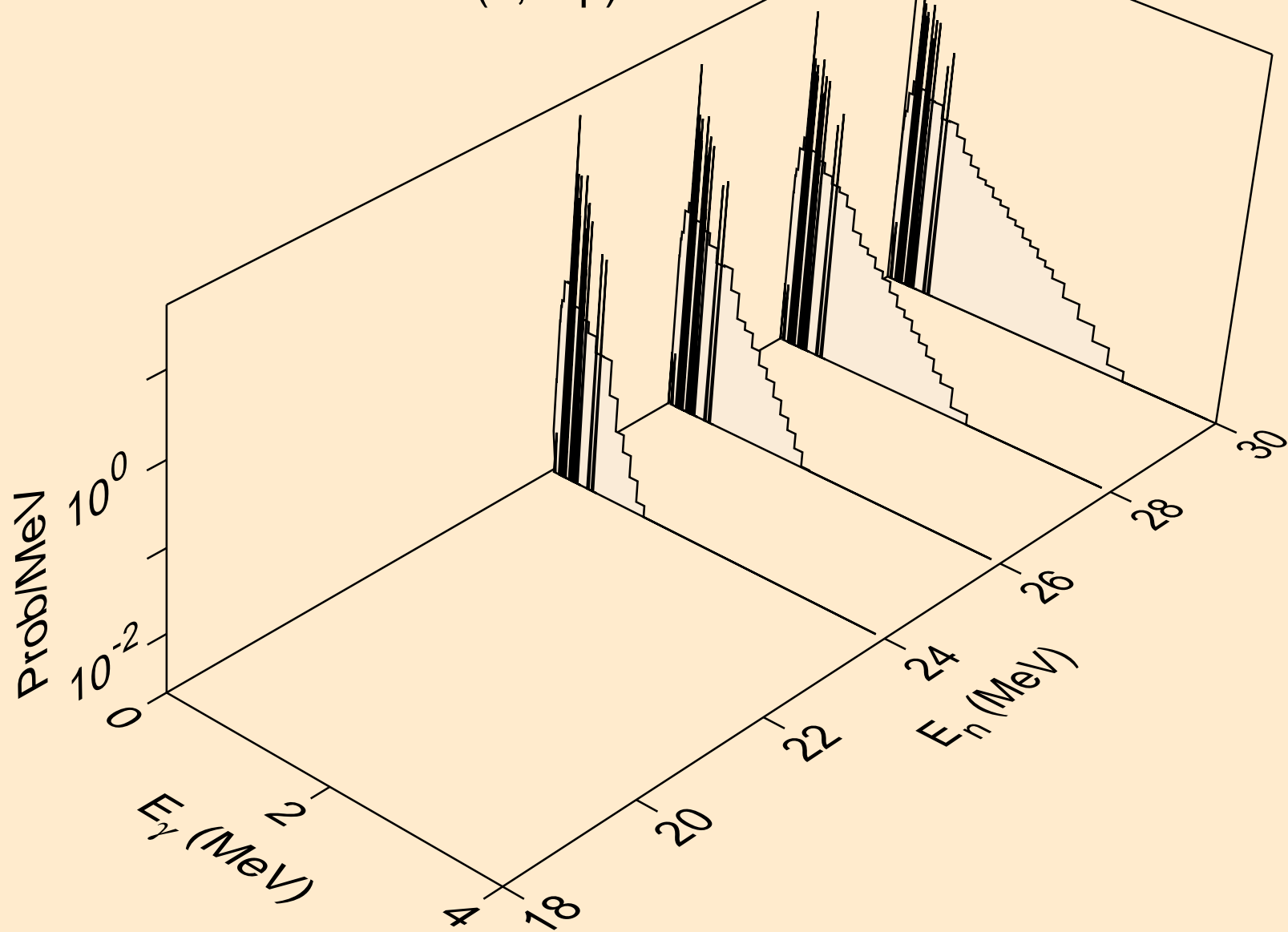
LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



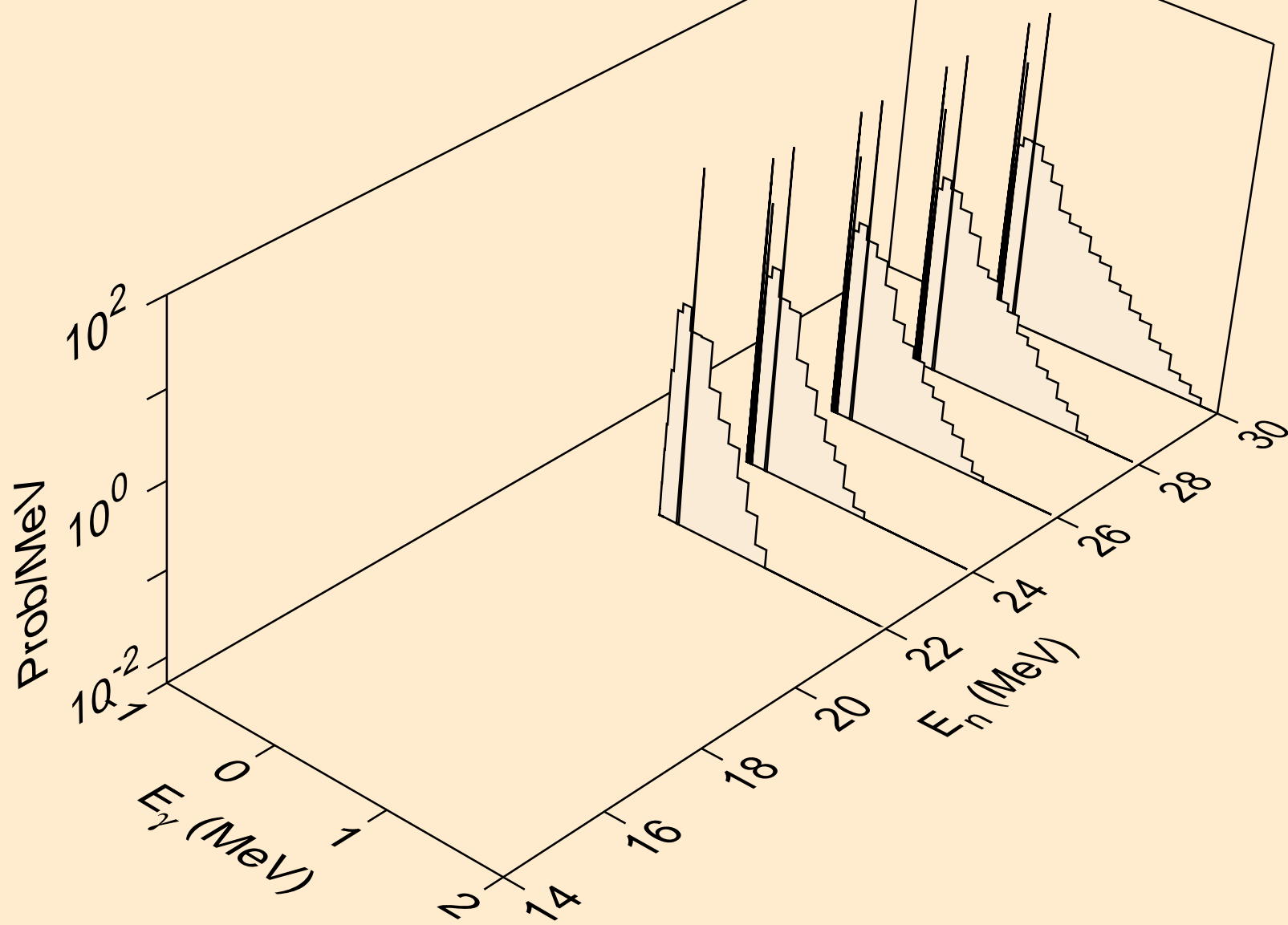
LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



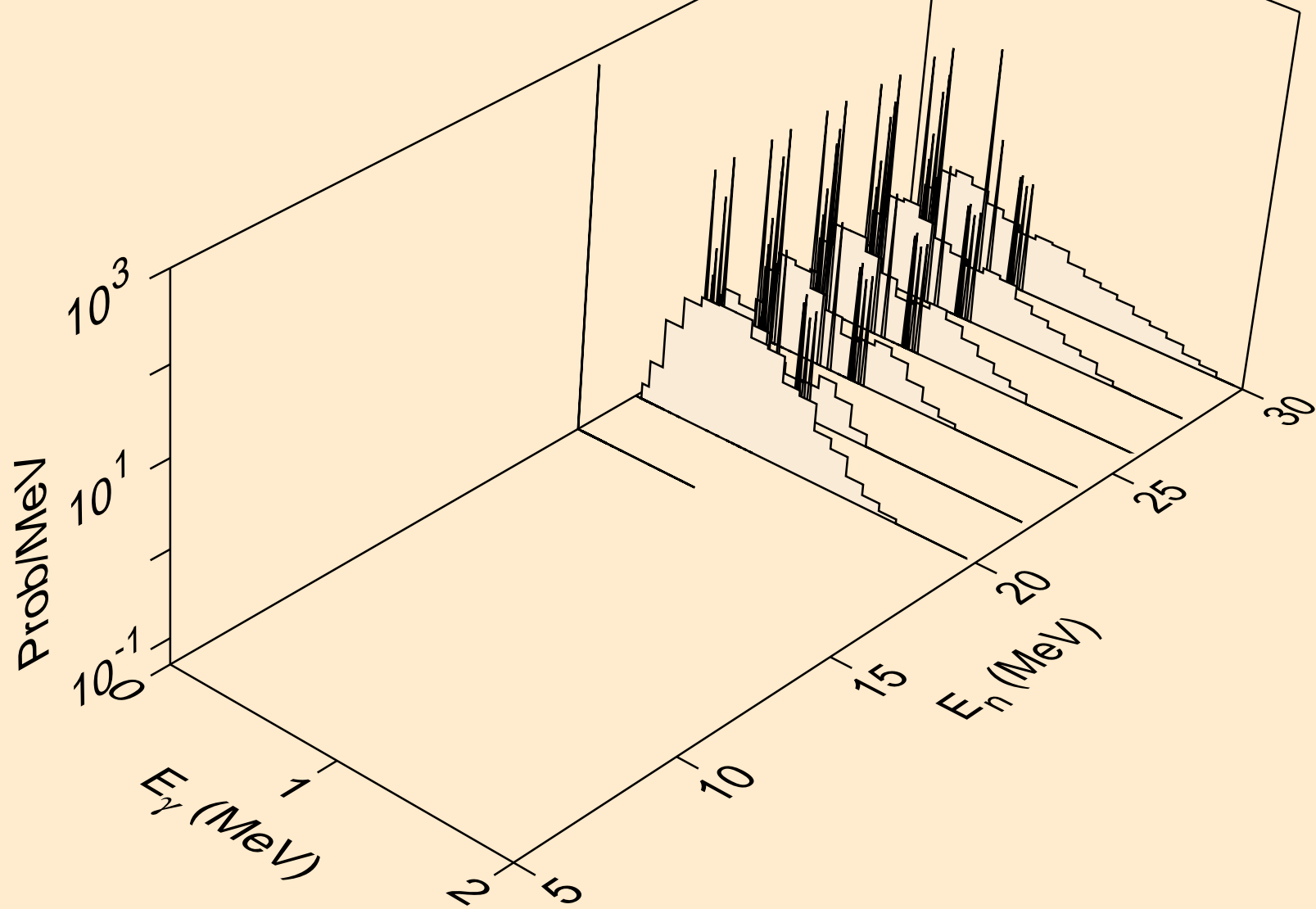
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Photon emission for (n,3np)



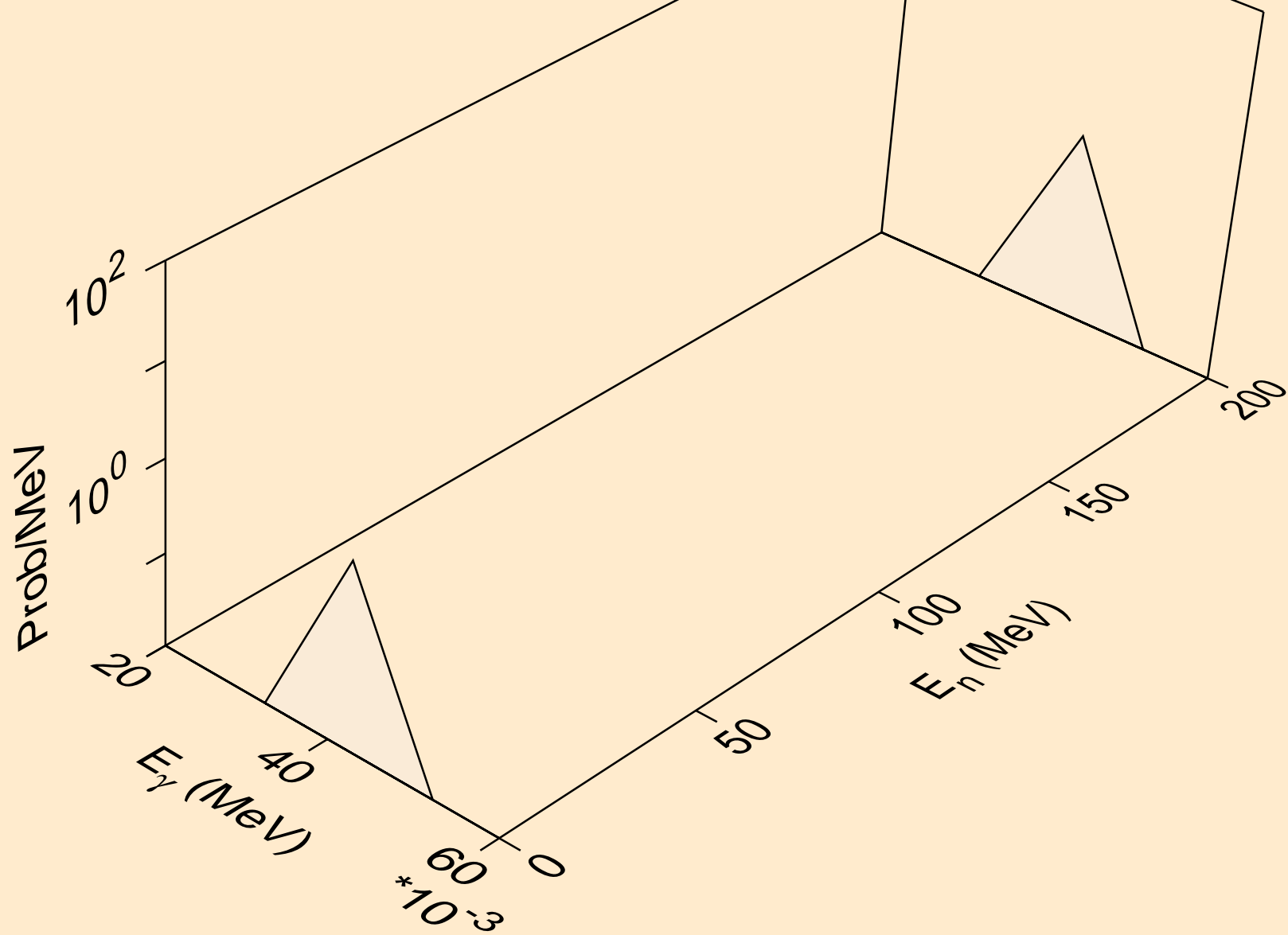
LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



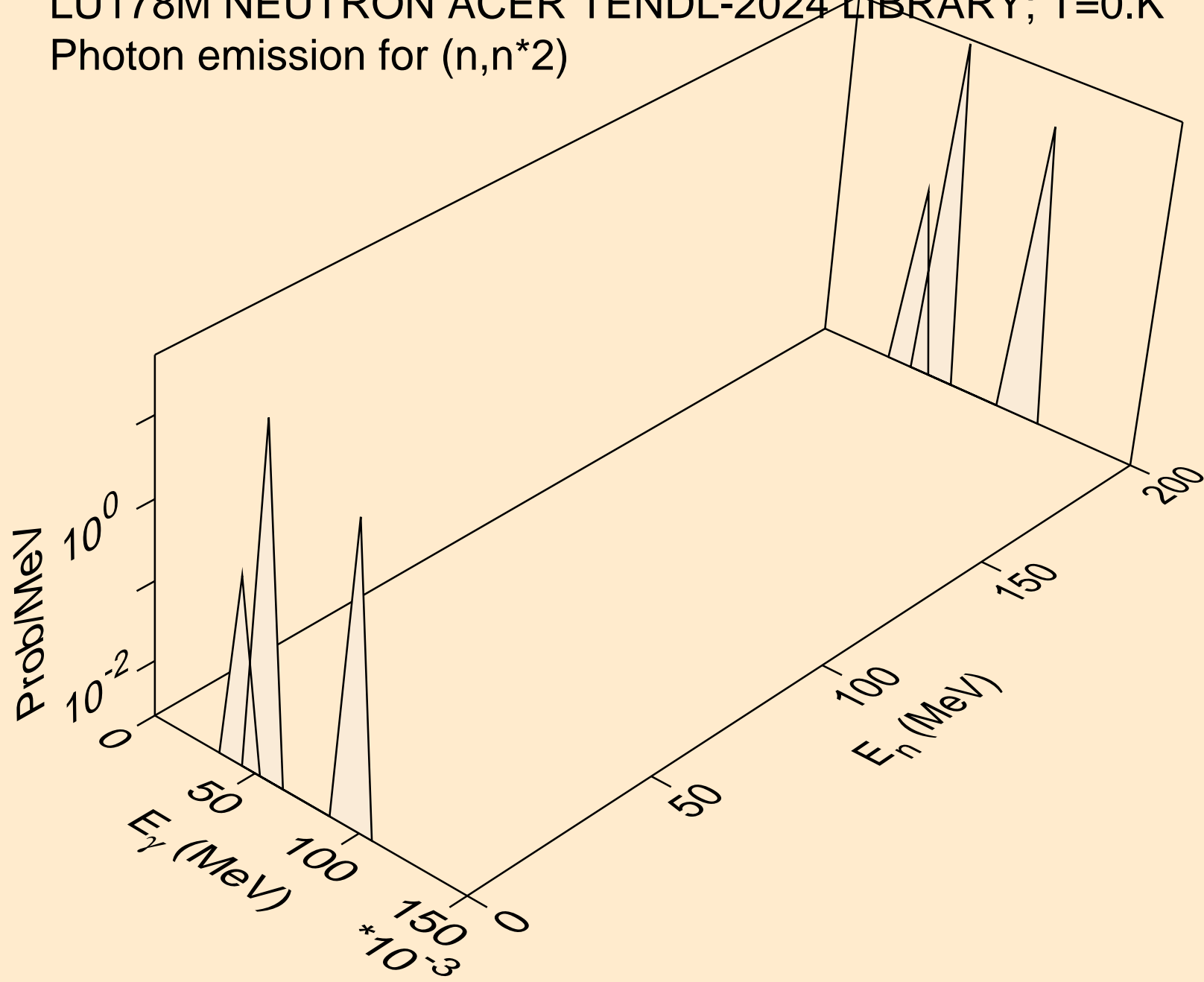
LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*1)

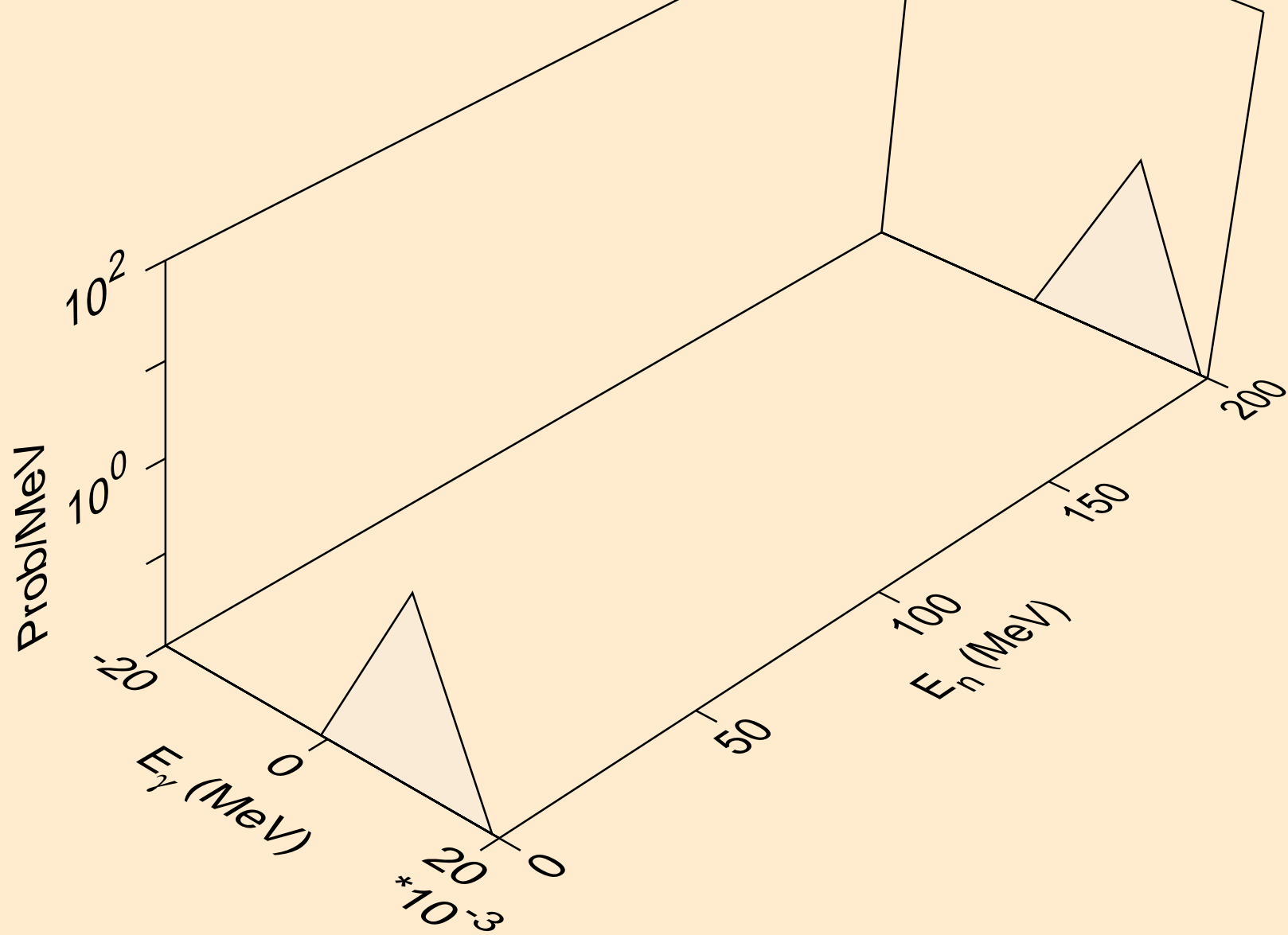


LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*2)

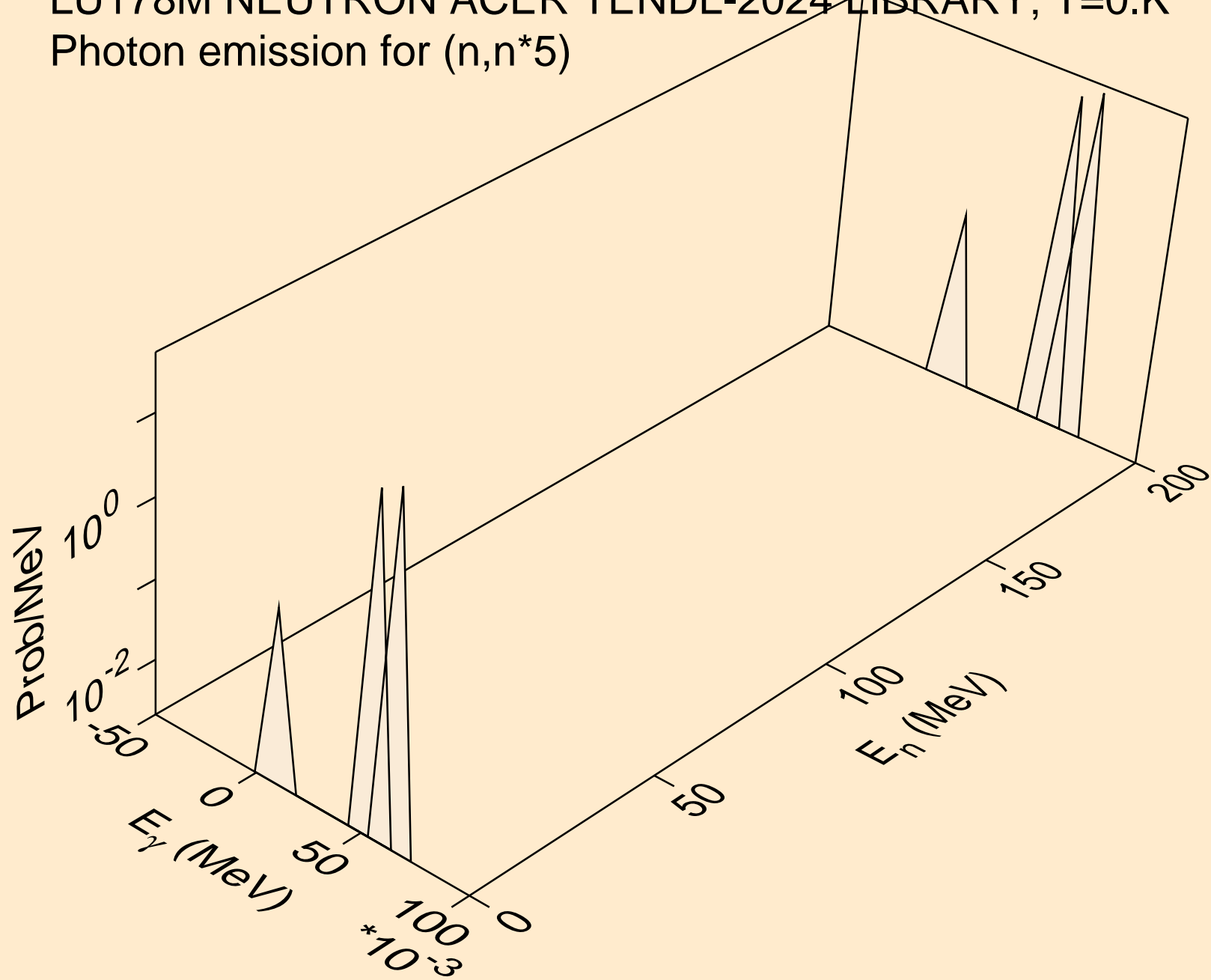




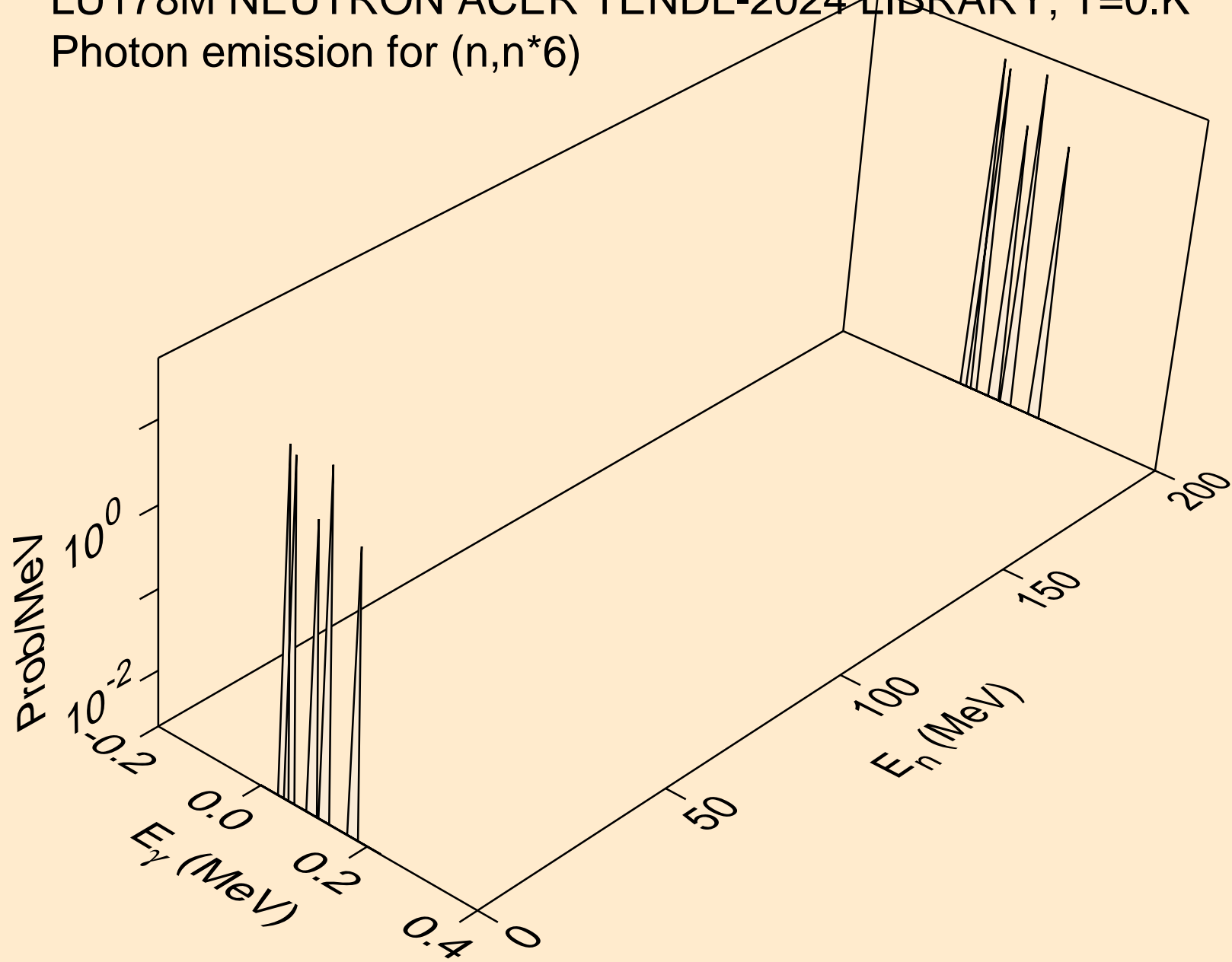
LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*4)



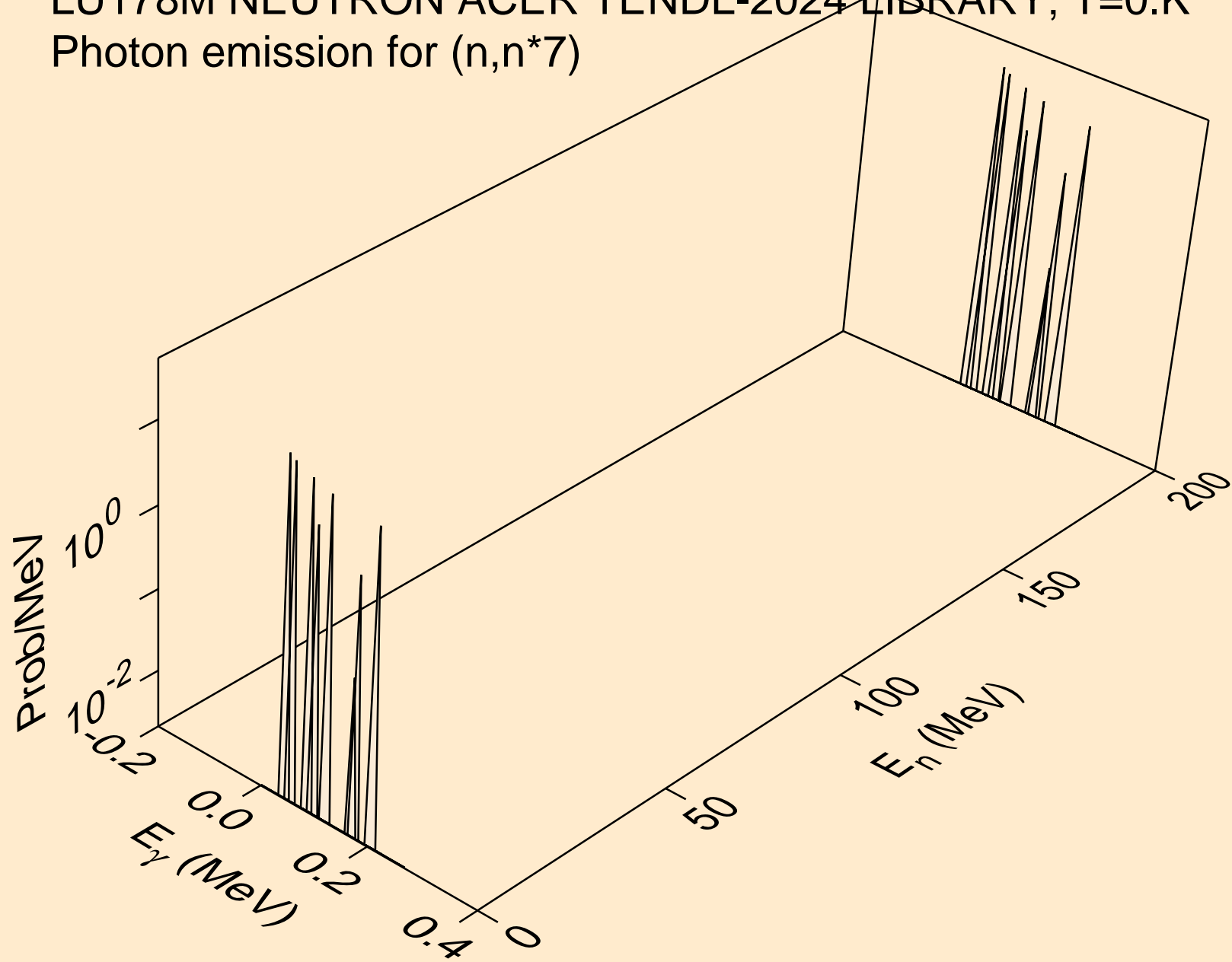
LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*5)



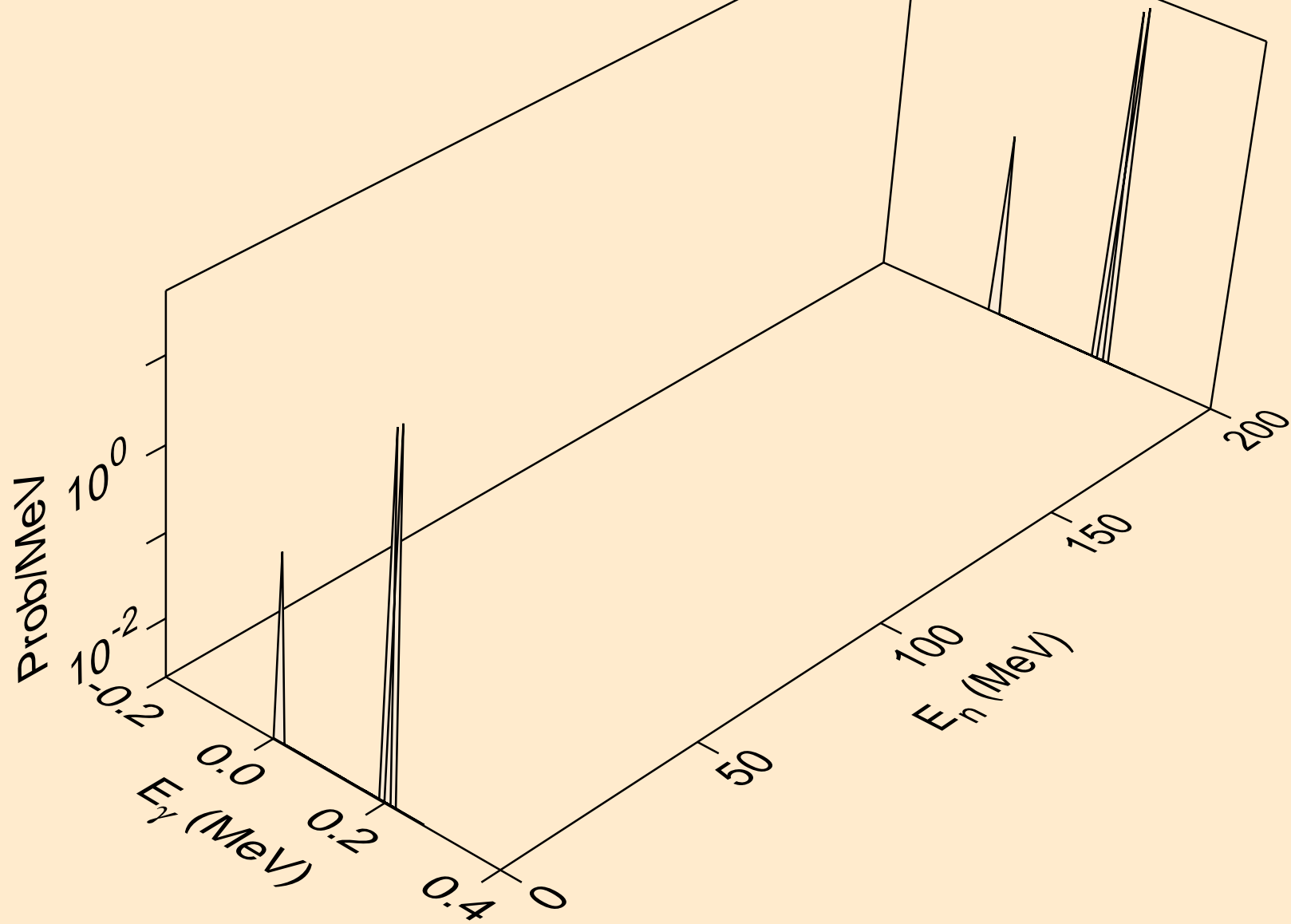
LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*6)



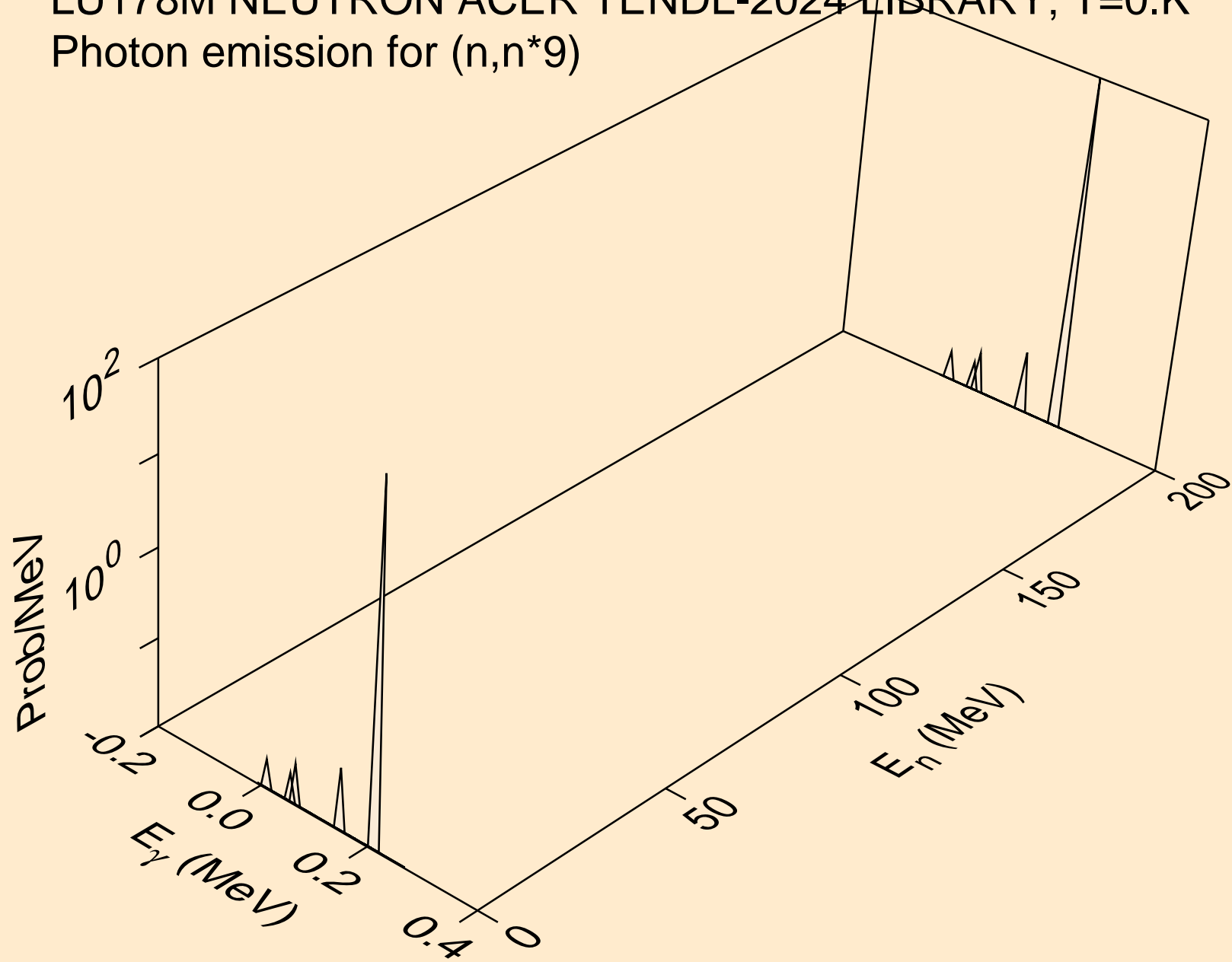
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Photon emission for (n,n\*7)



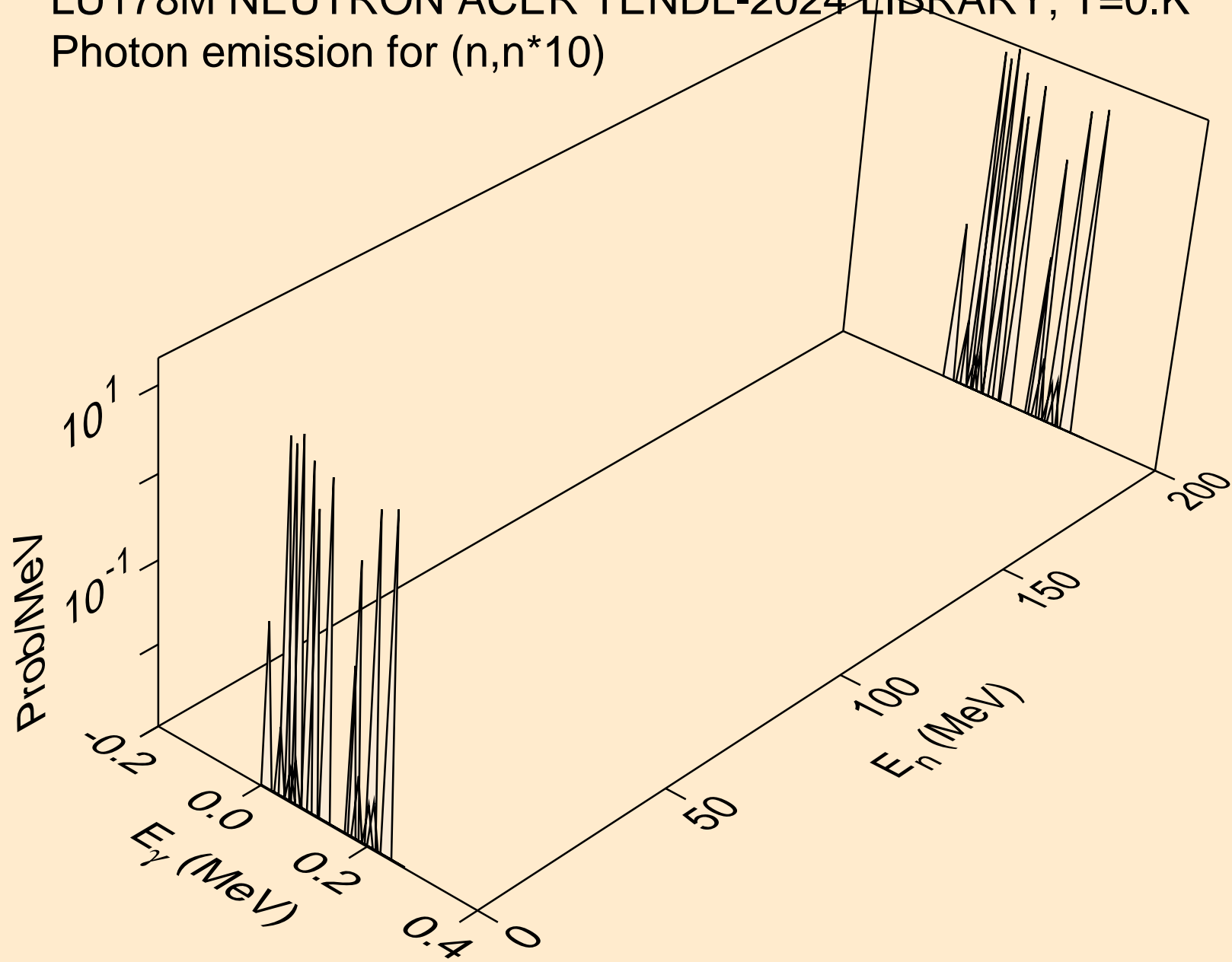
LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*8)



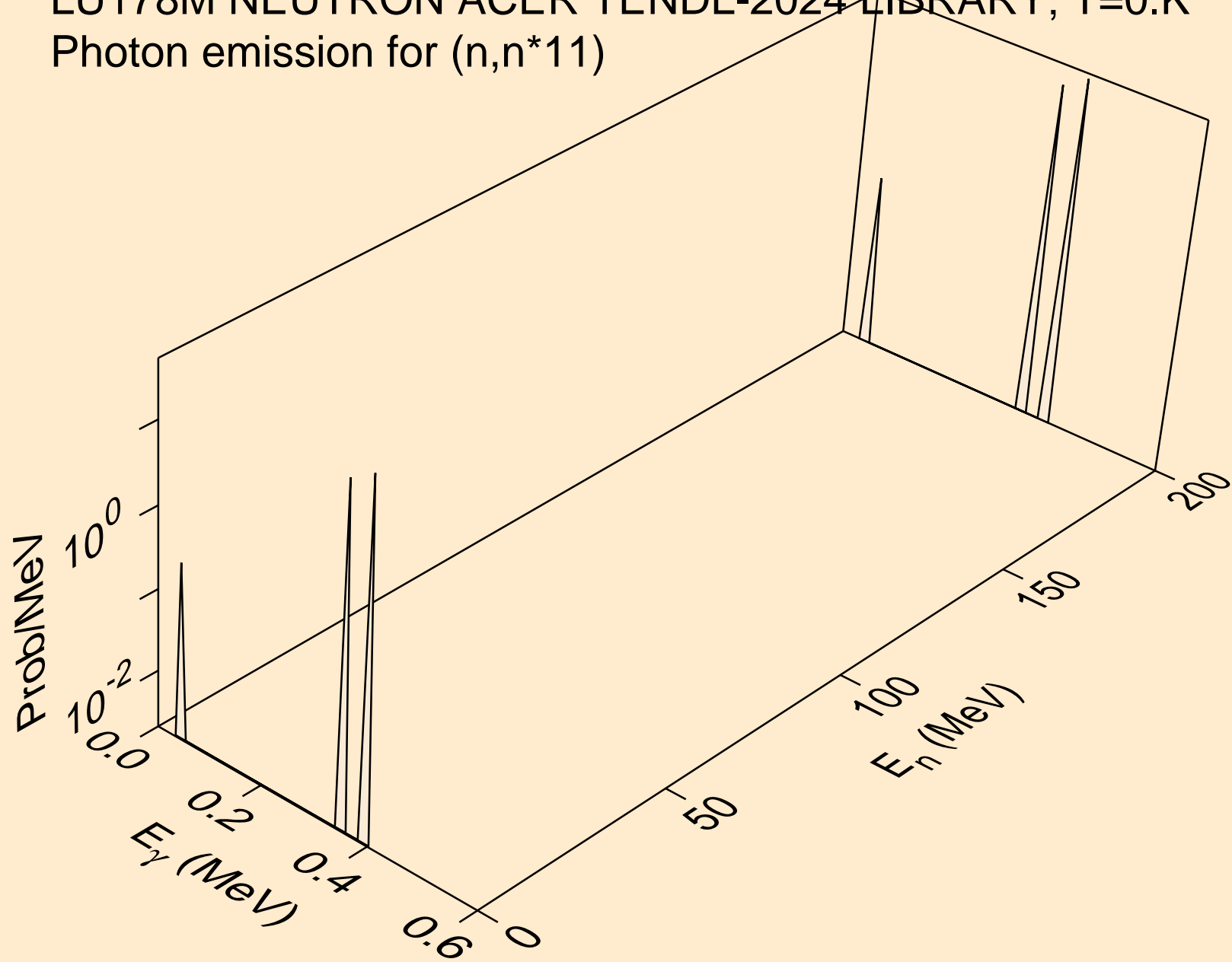
LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*9)



LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*10)

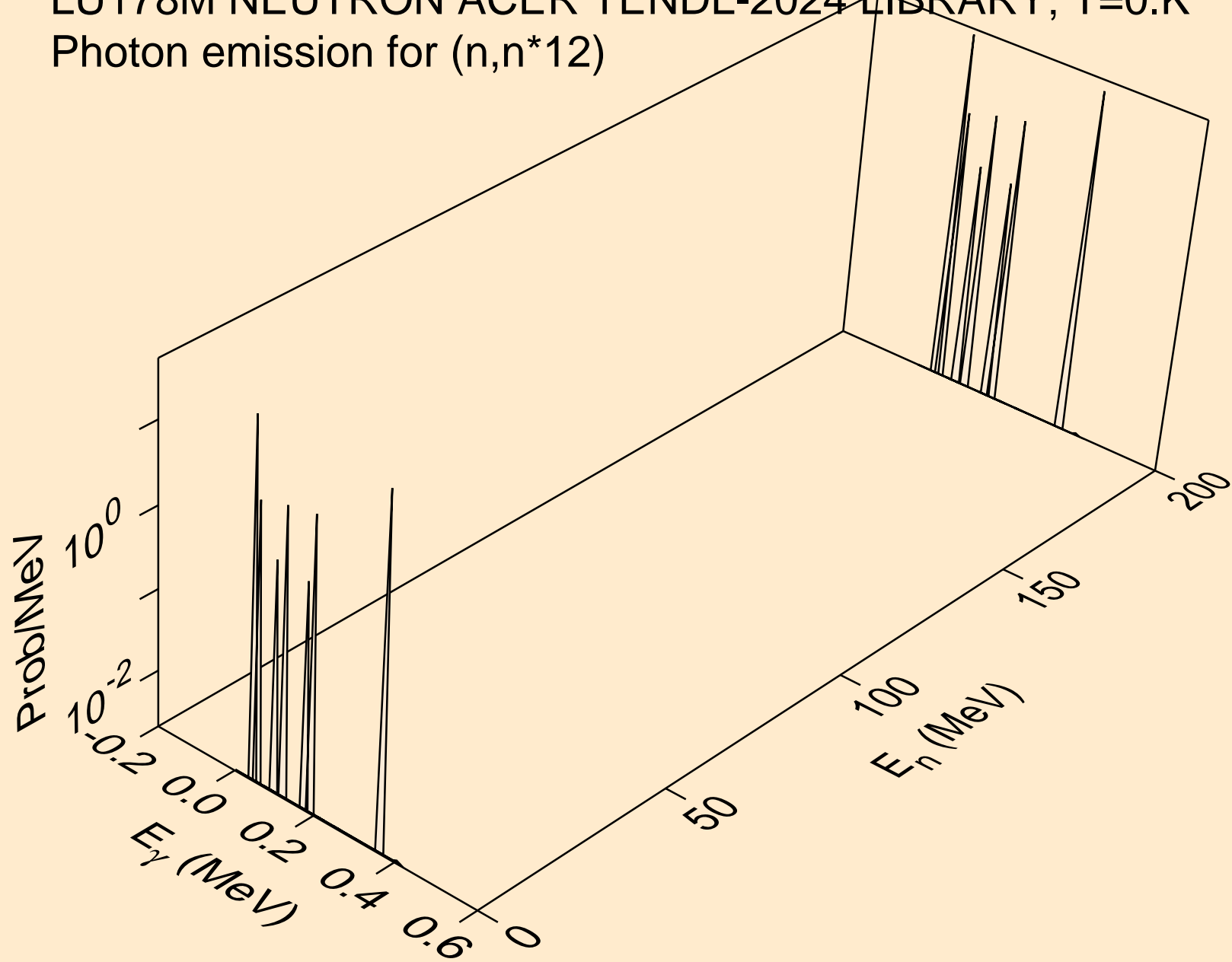


LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*11)

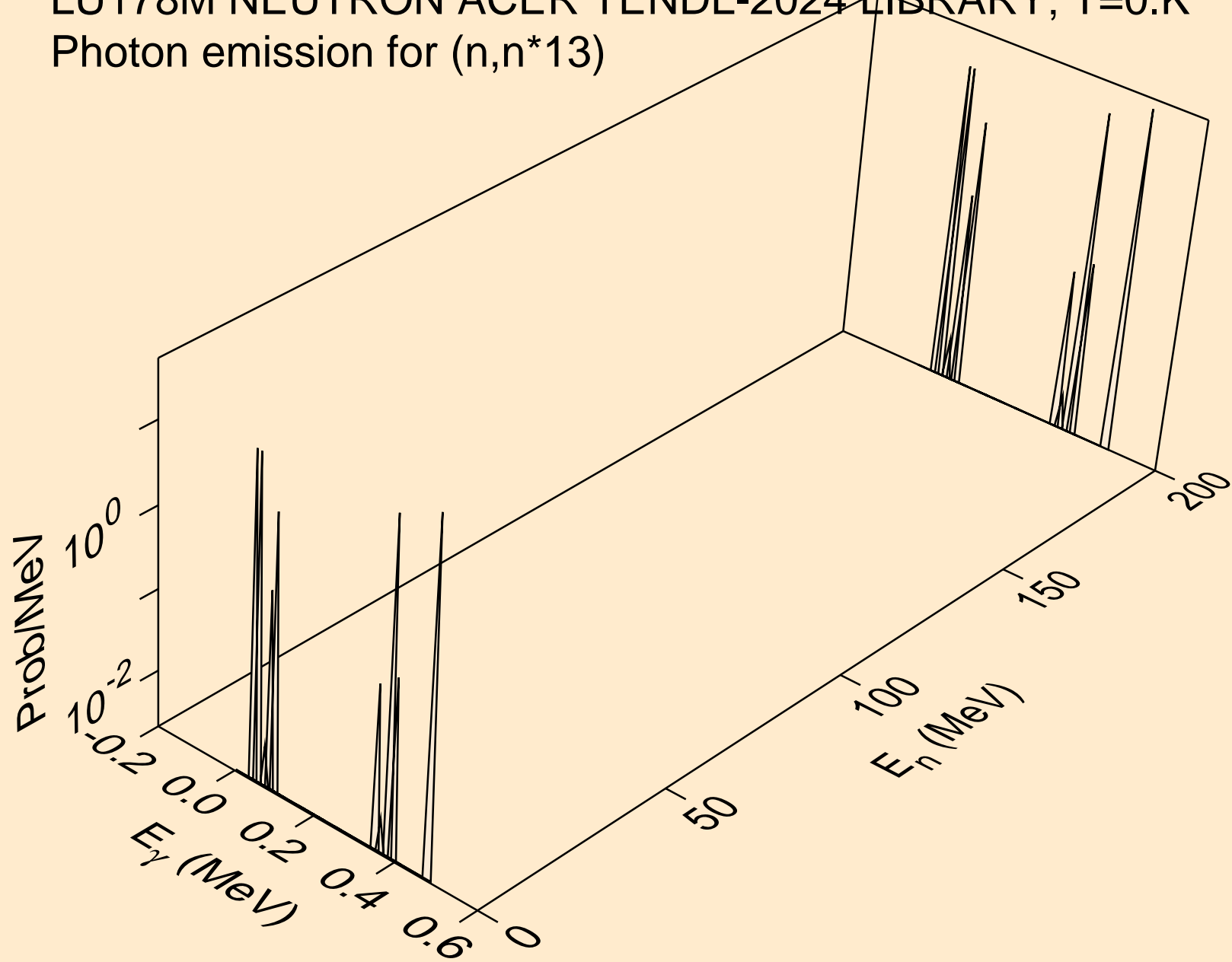




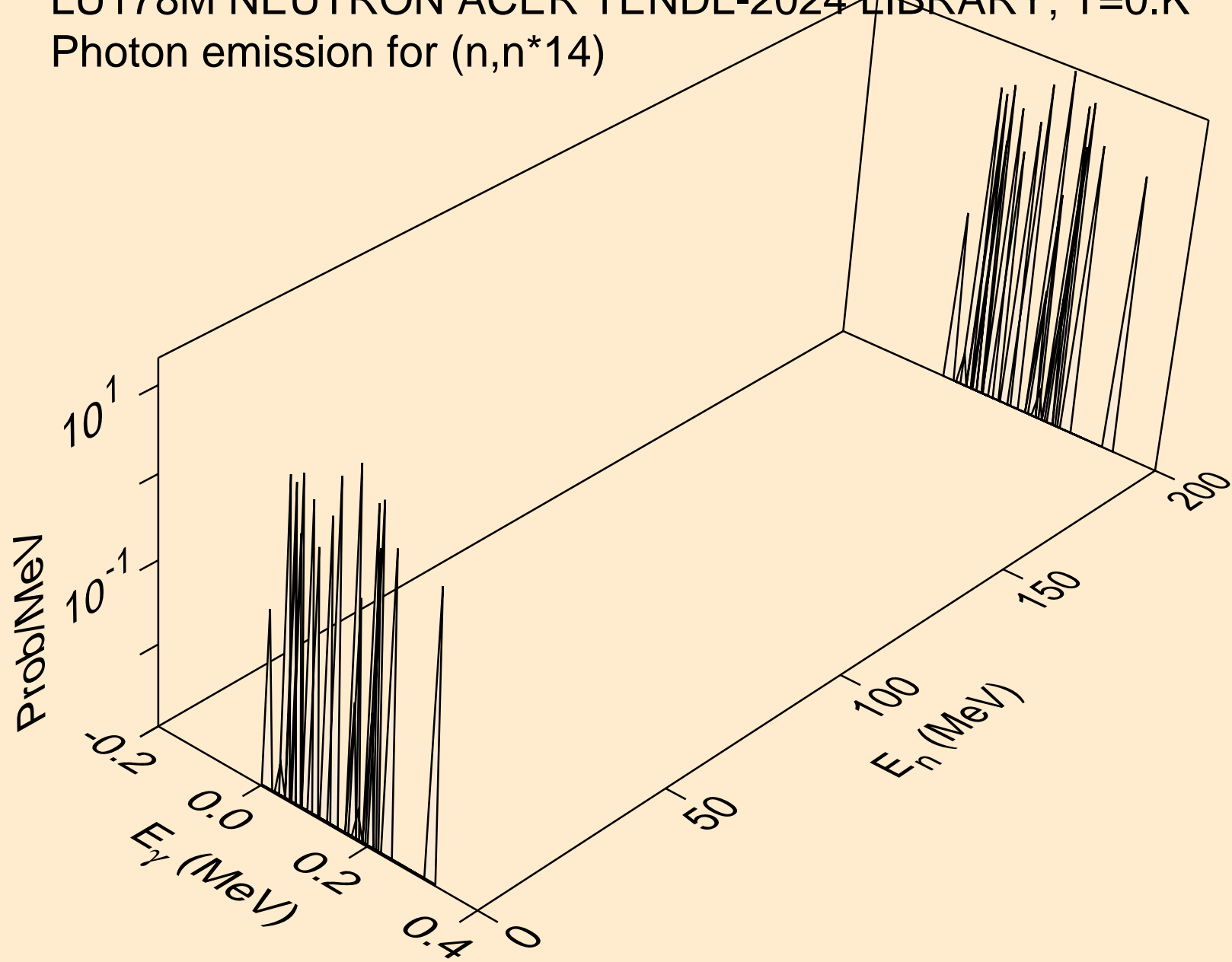
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Photon emission for (n,n\*12)



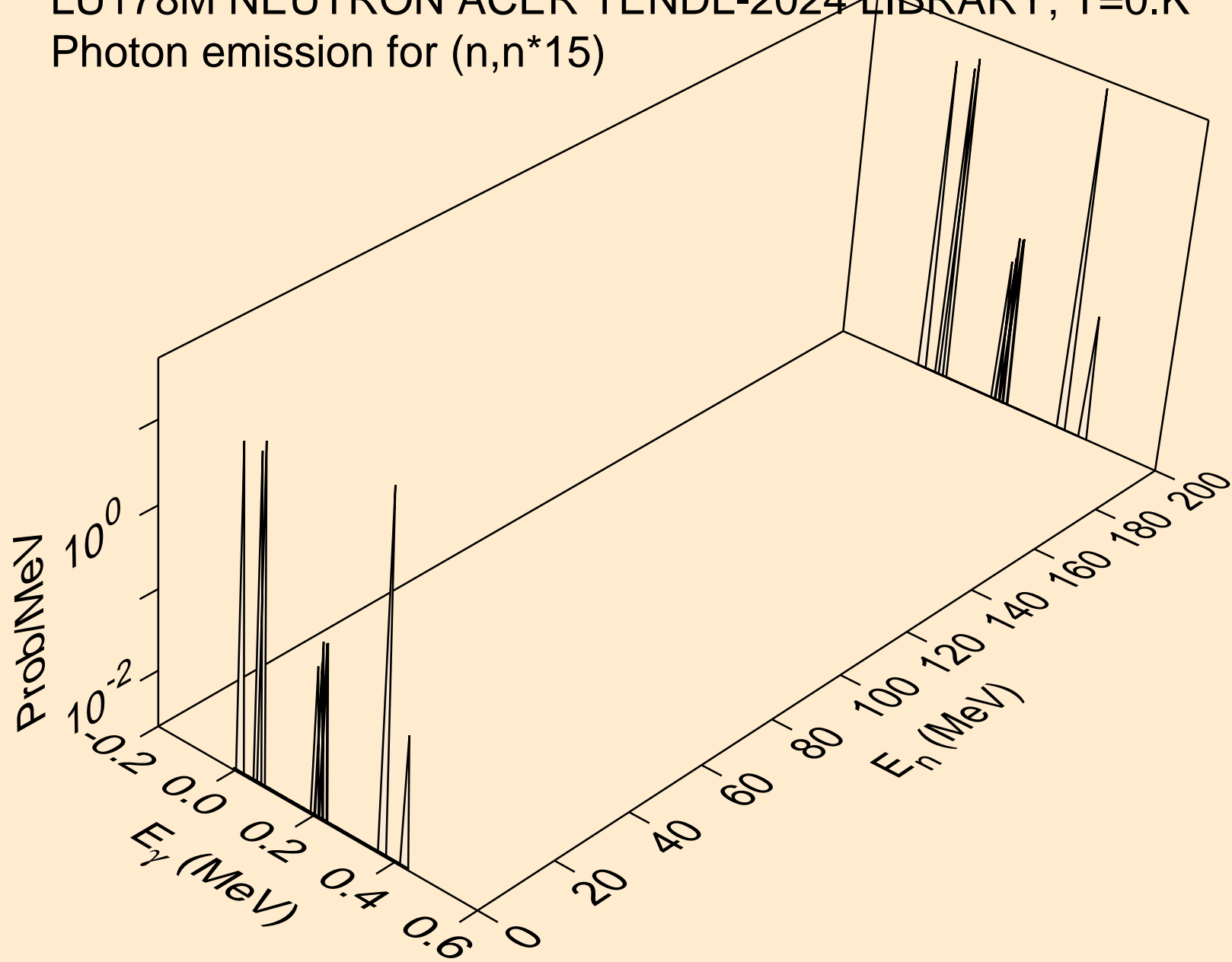
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Photon emission for (n,n\*13)



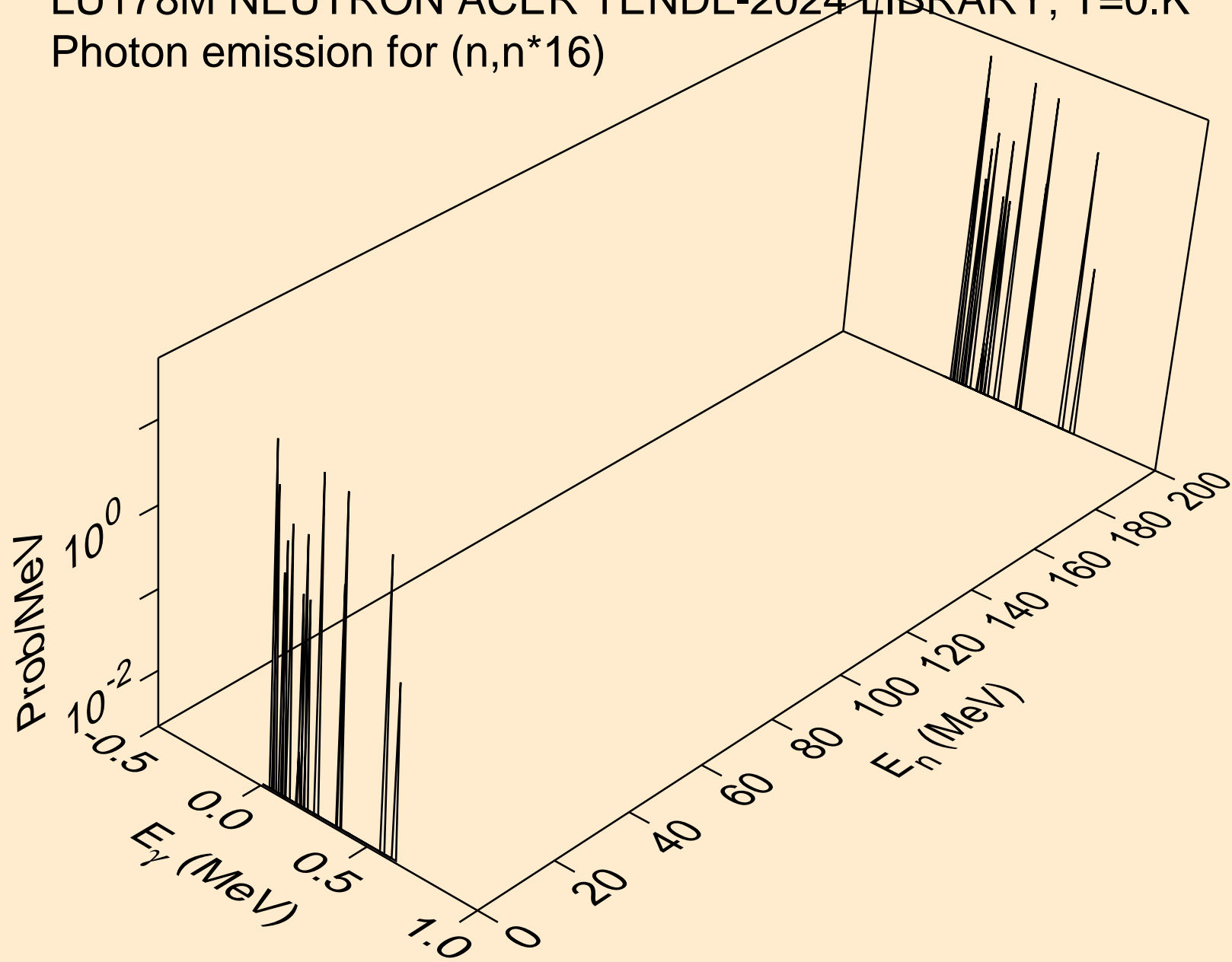
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Photon emission for (n,n\*14)



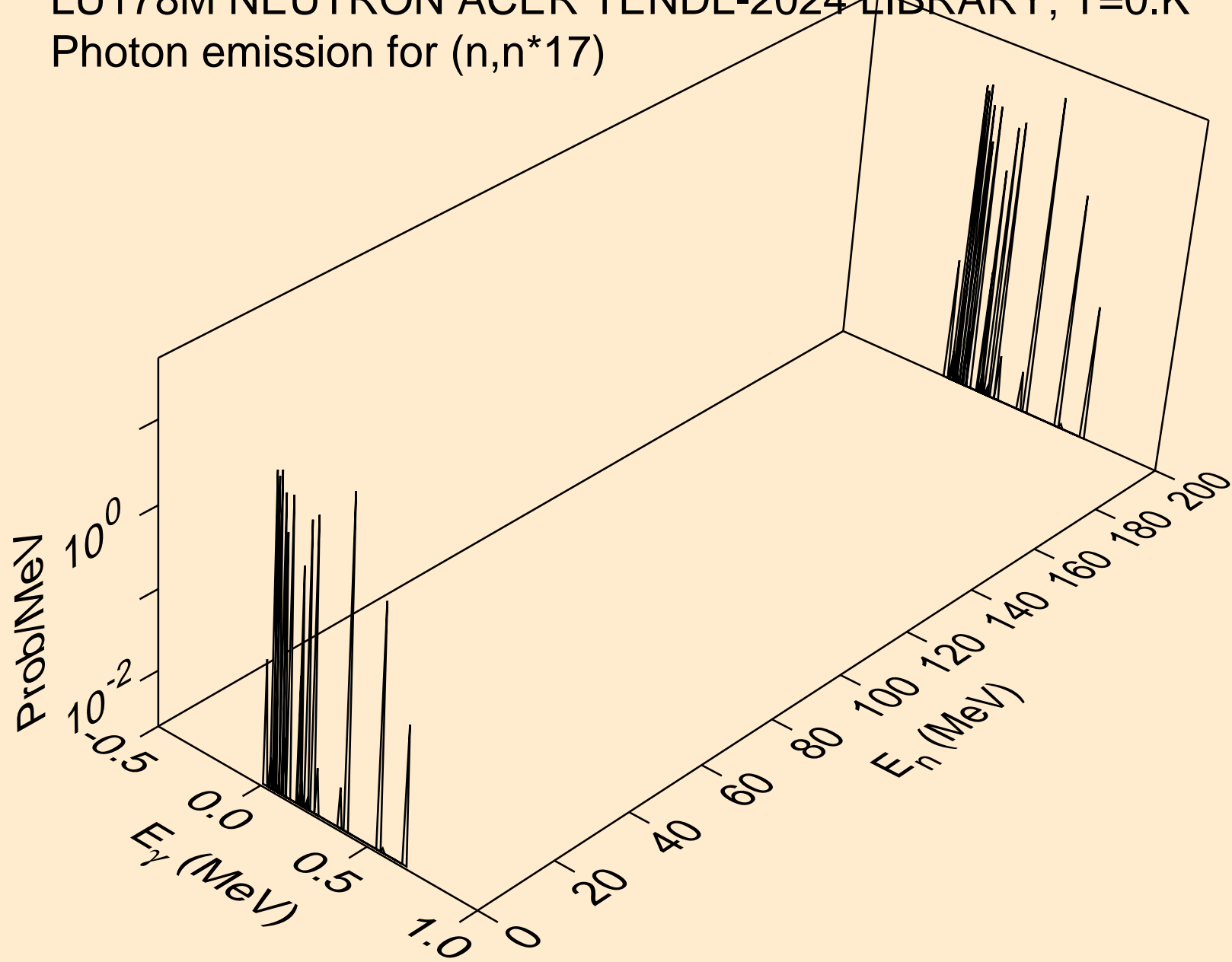
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Photon emission for (n,n\*15)



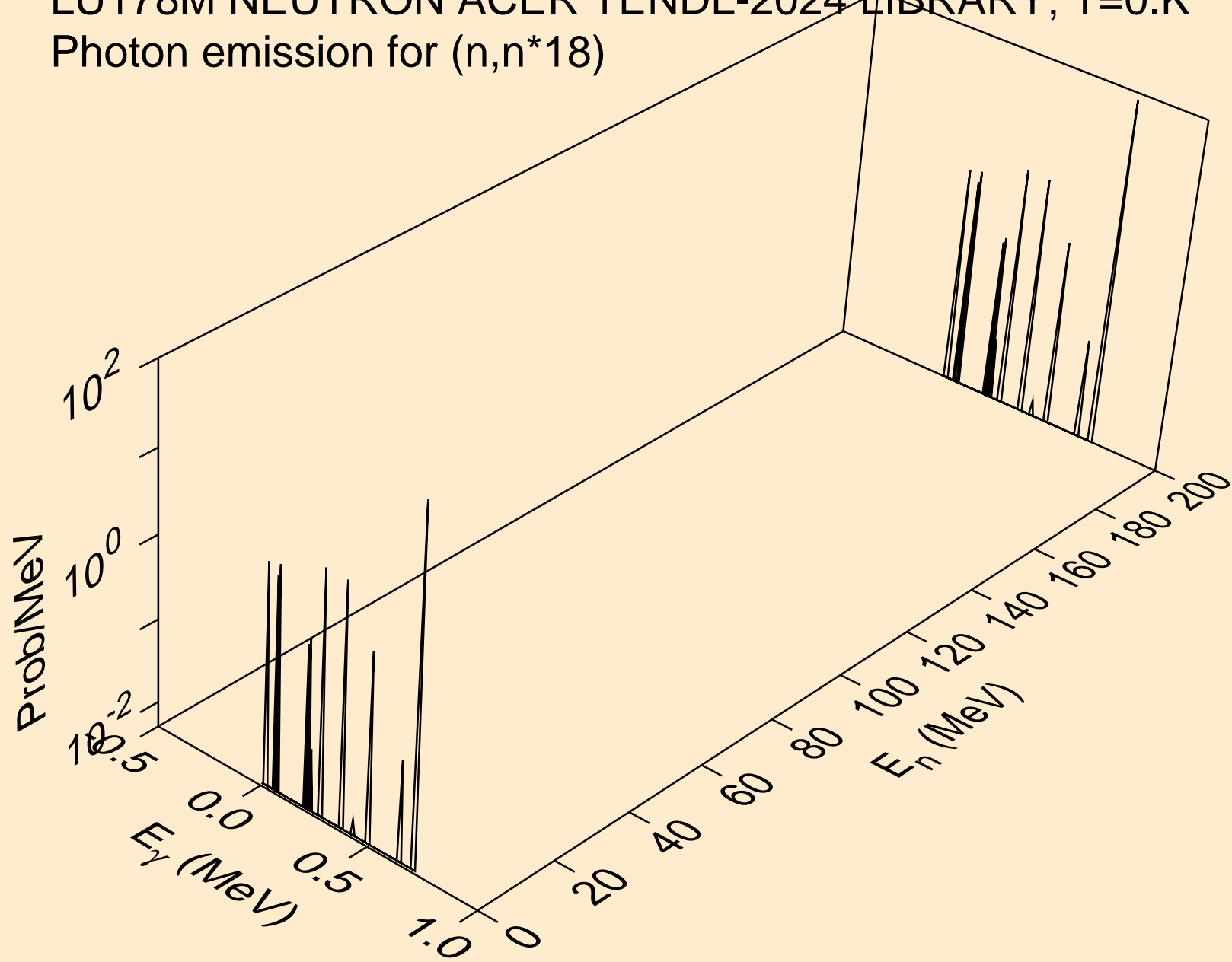
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Photon emission for (n,n\*16)



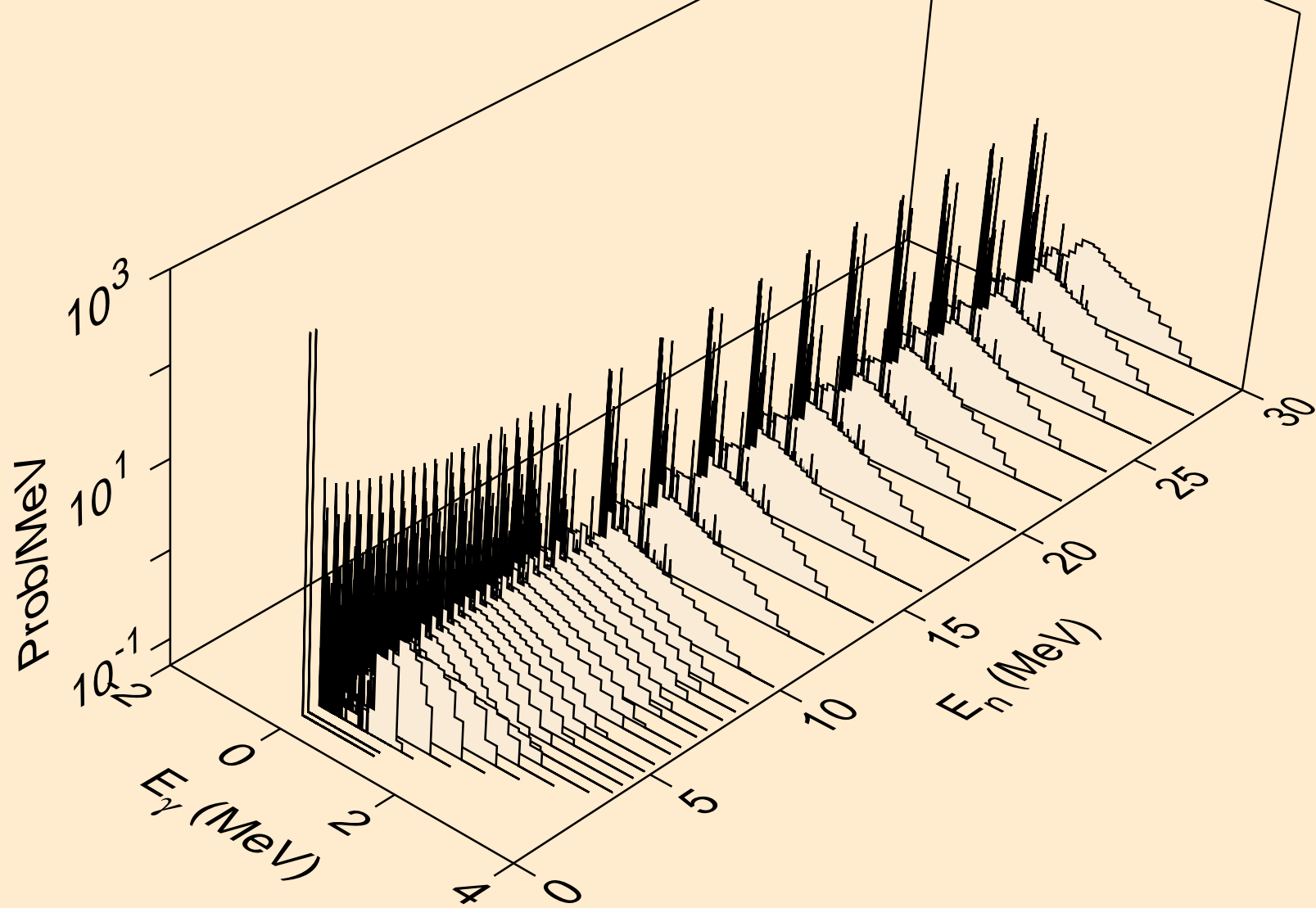
LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*17)



LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*18)

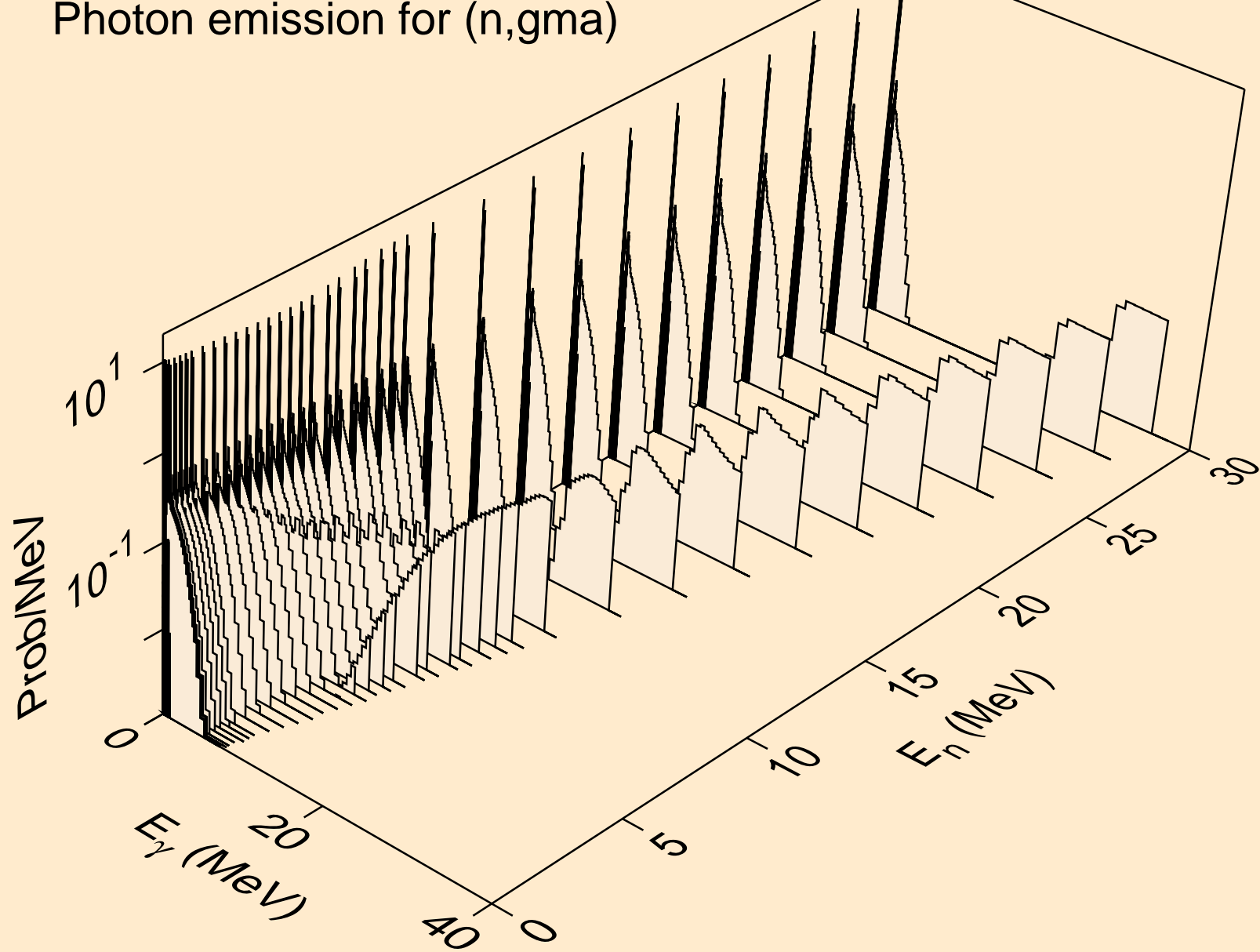


LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)

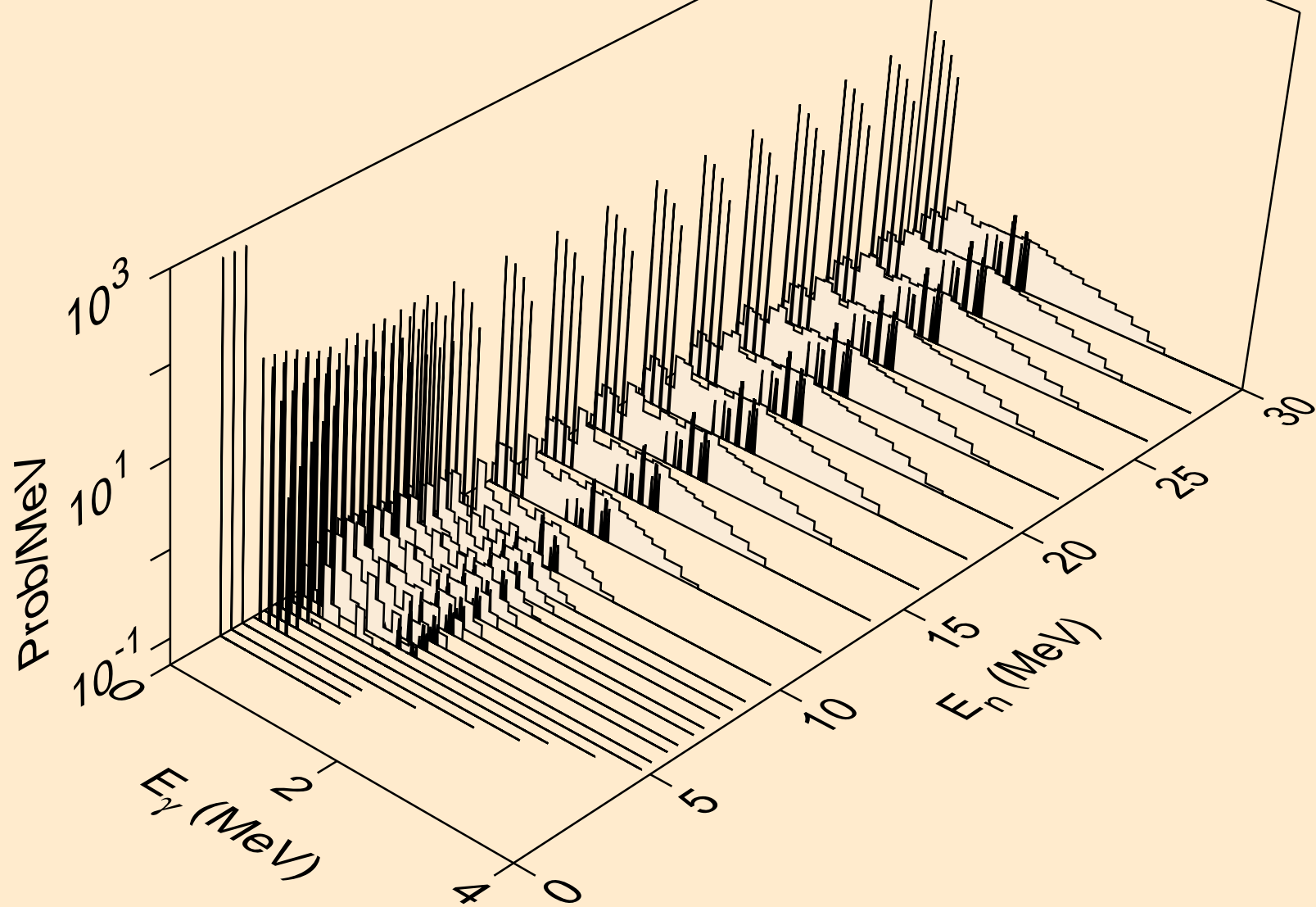




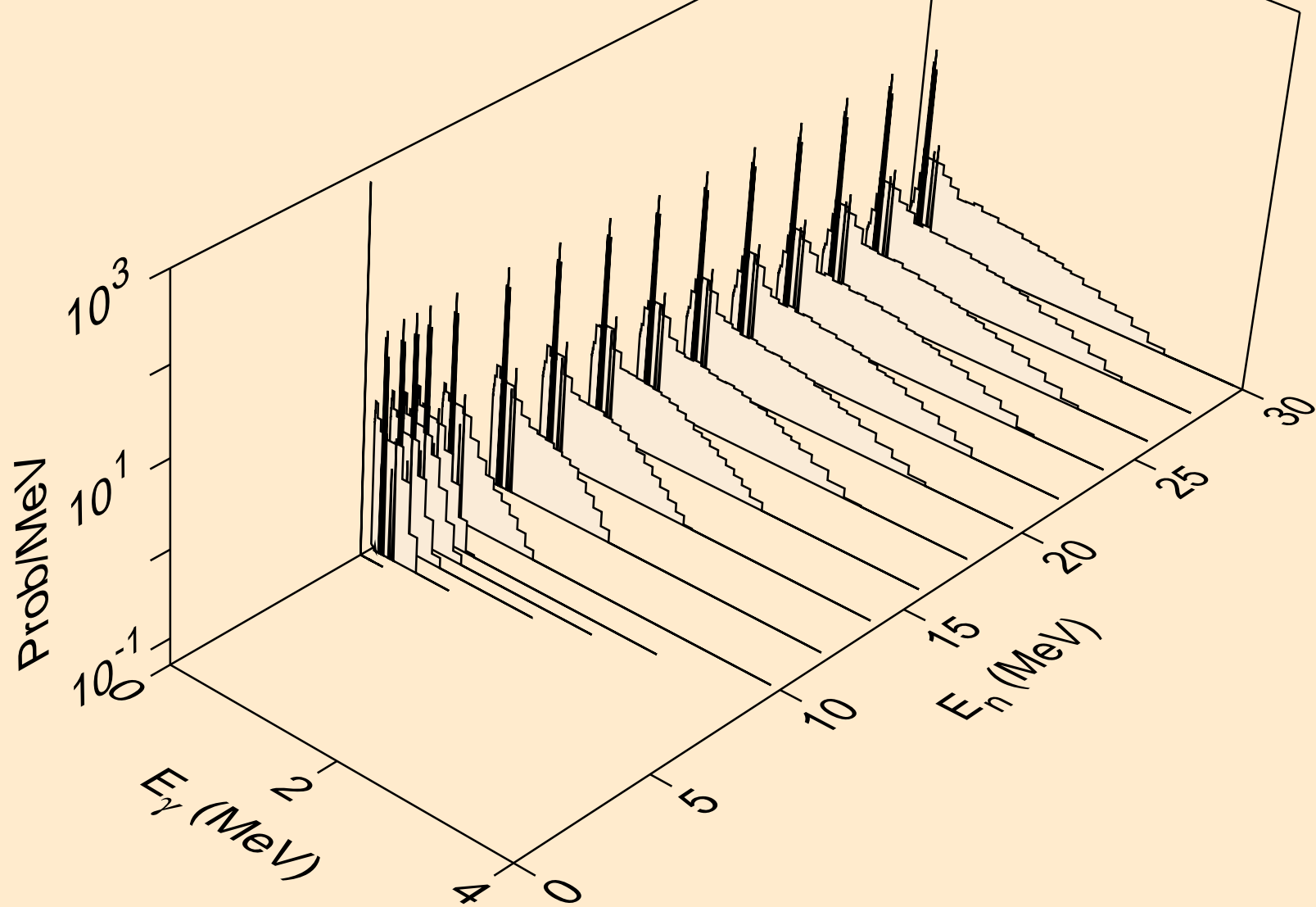
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Photon emission for (n,gma)



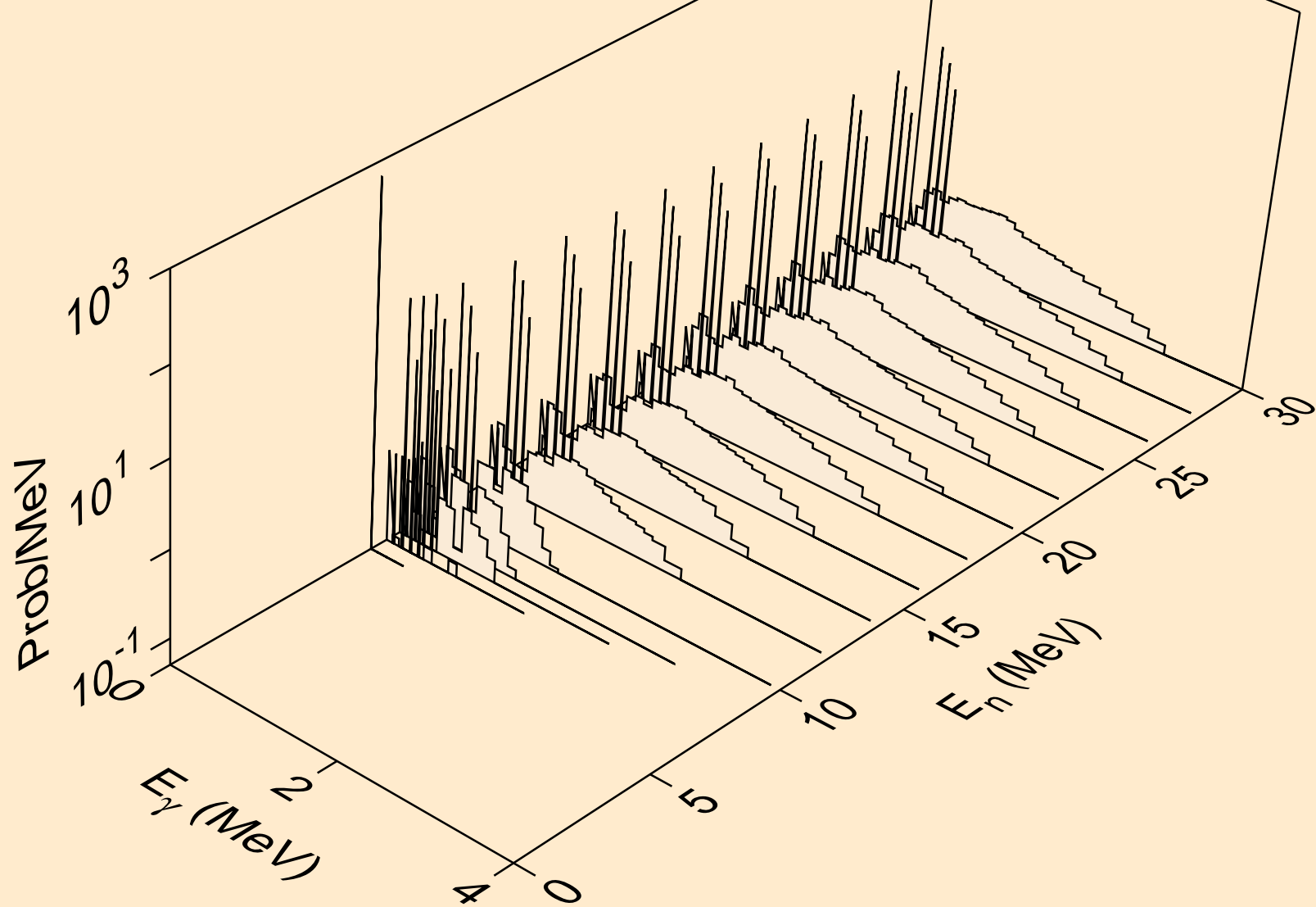
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Photon emission for (n,p)



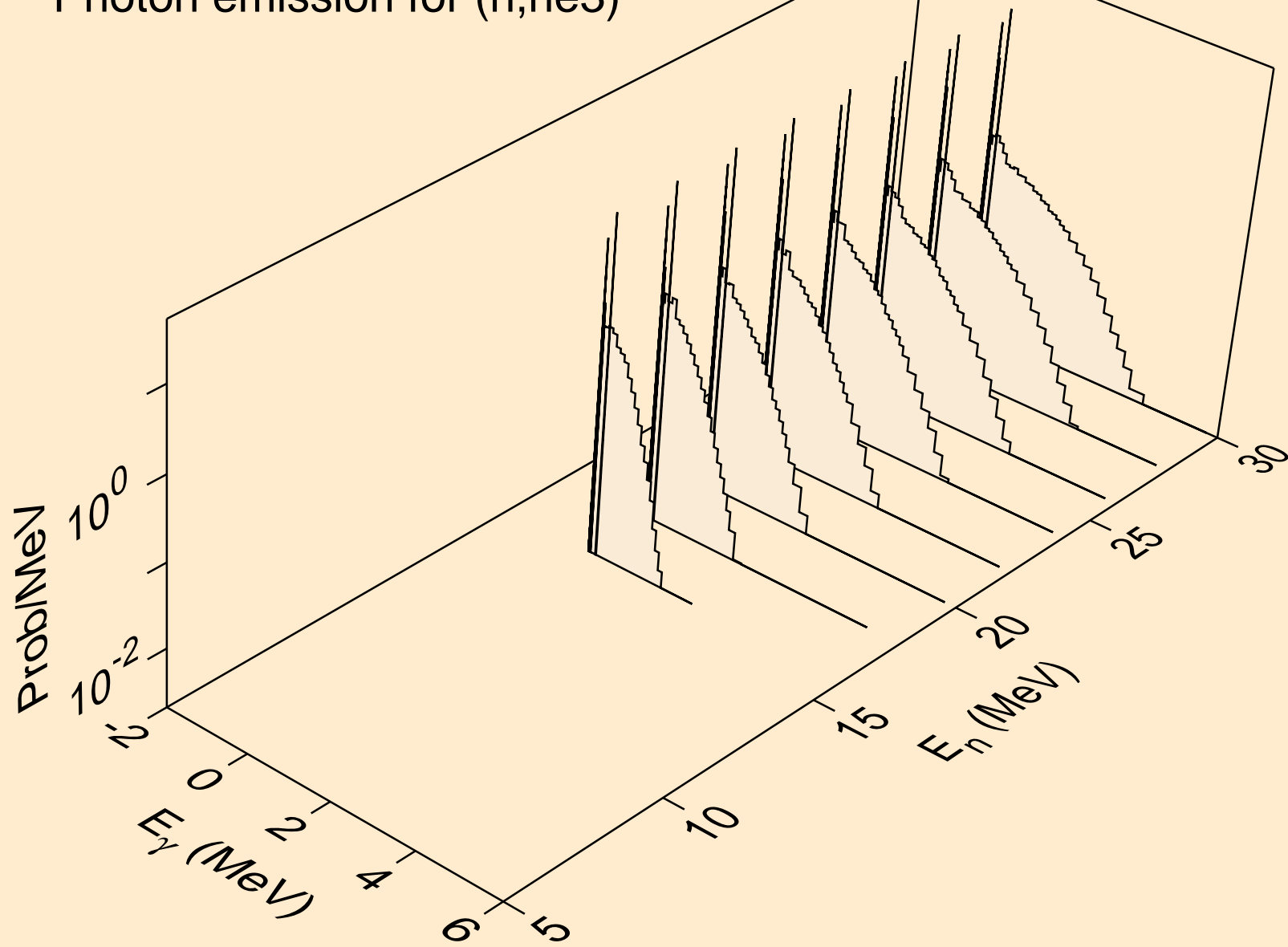
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Photon emission for (n,d)



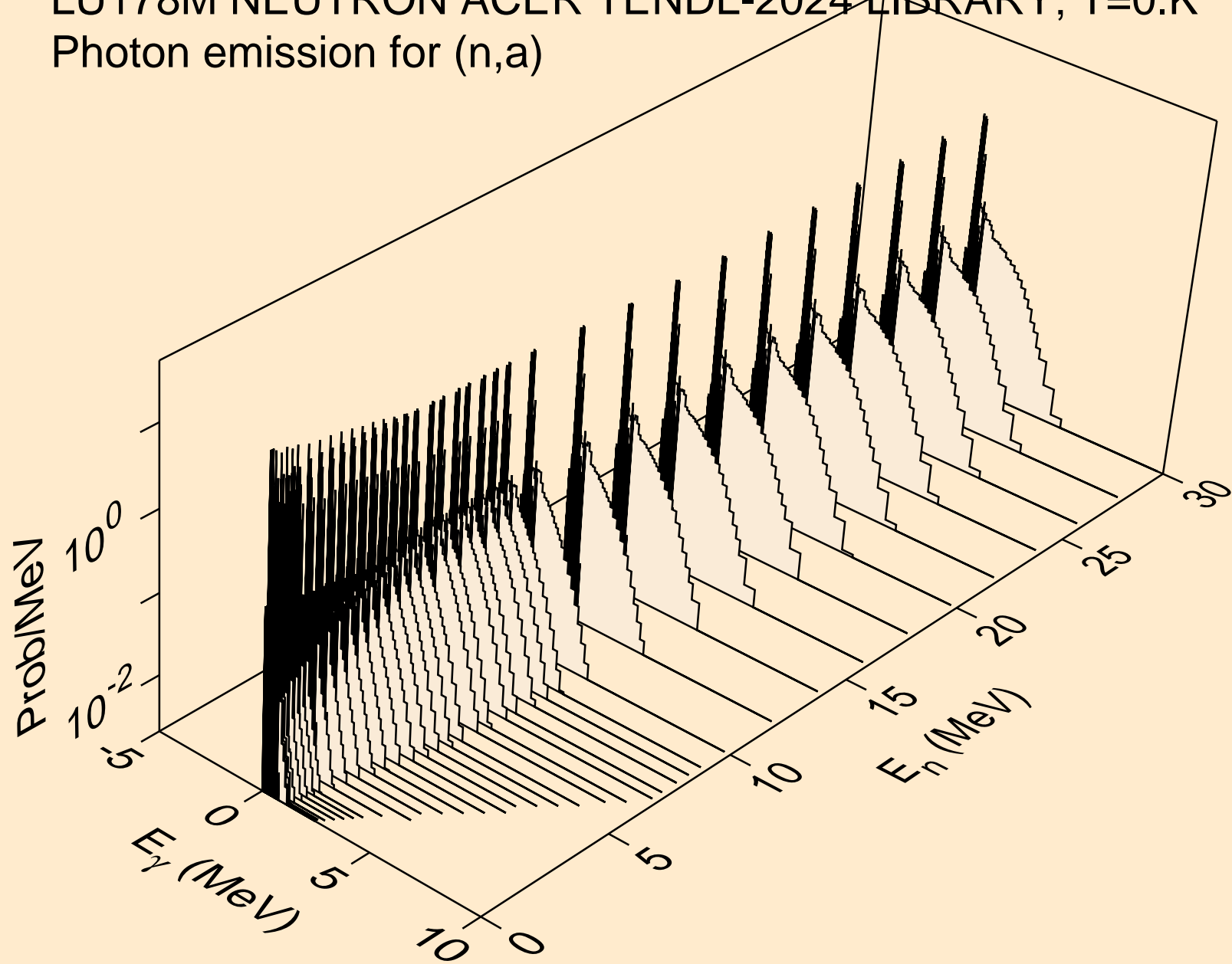
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Photon emission for (n,t)



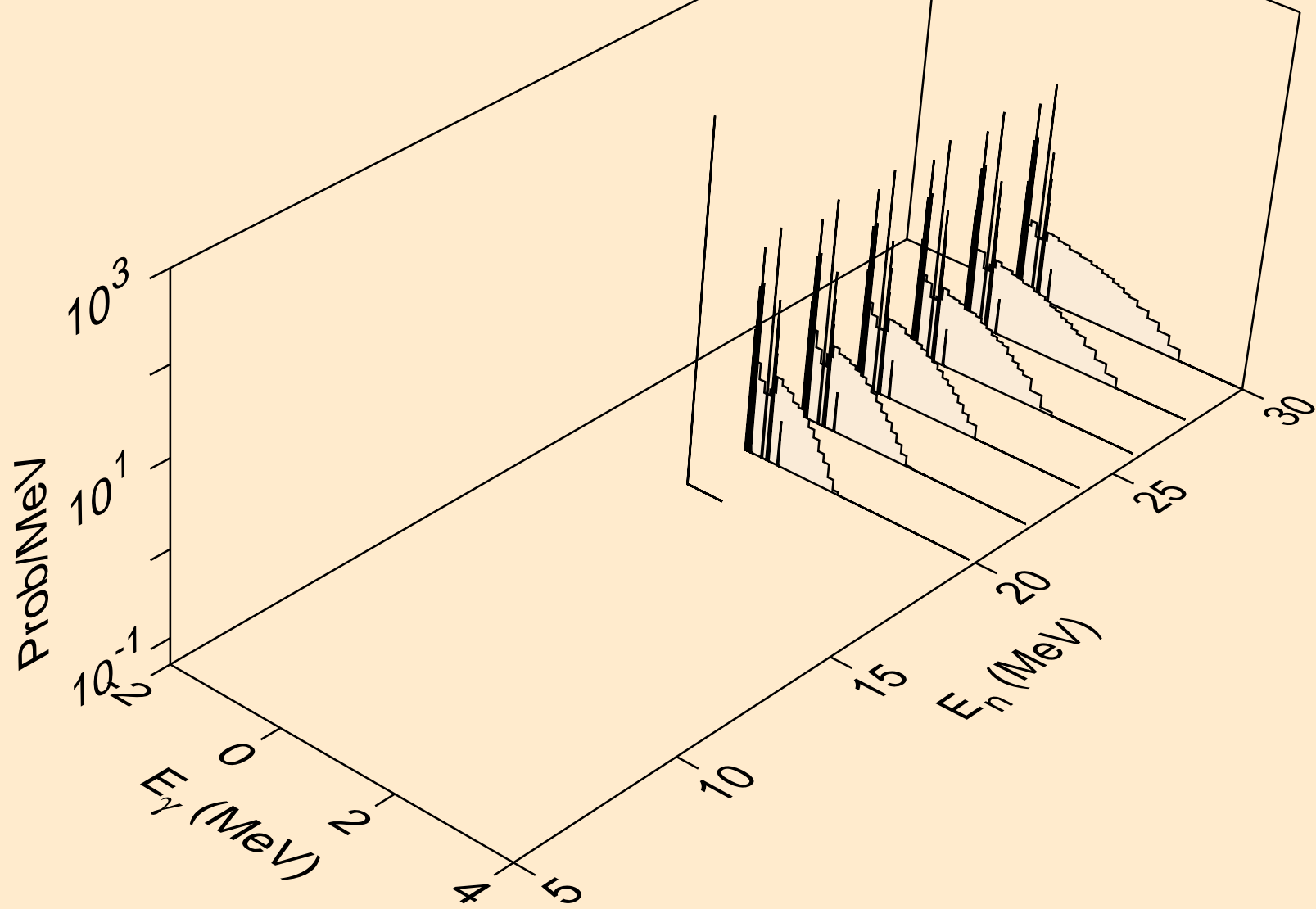
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Photon emission for (n,he3)



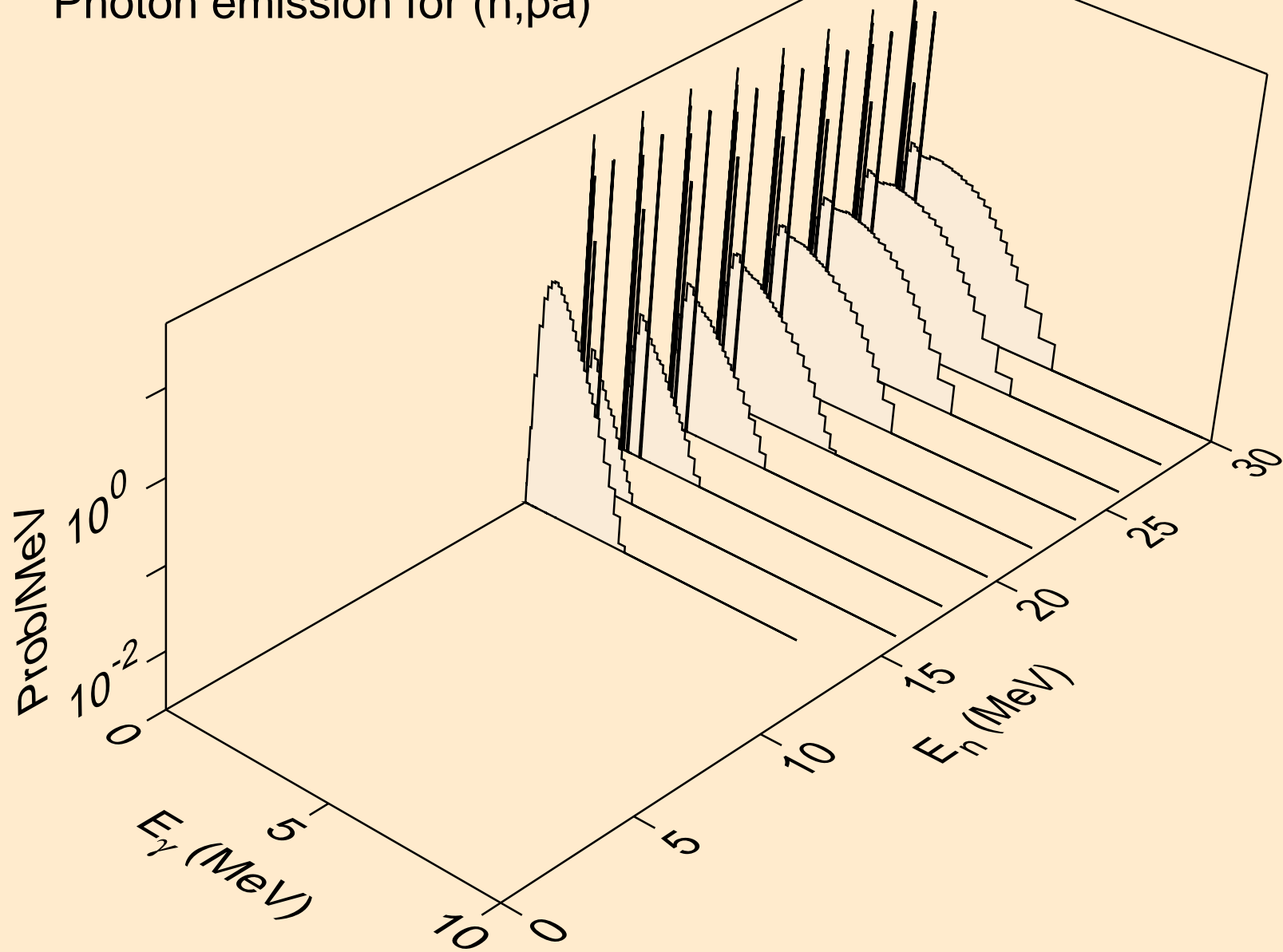
LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)

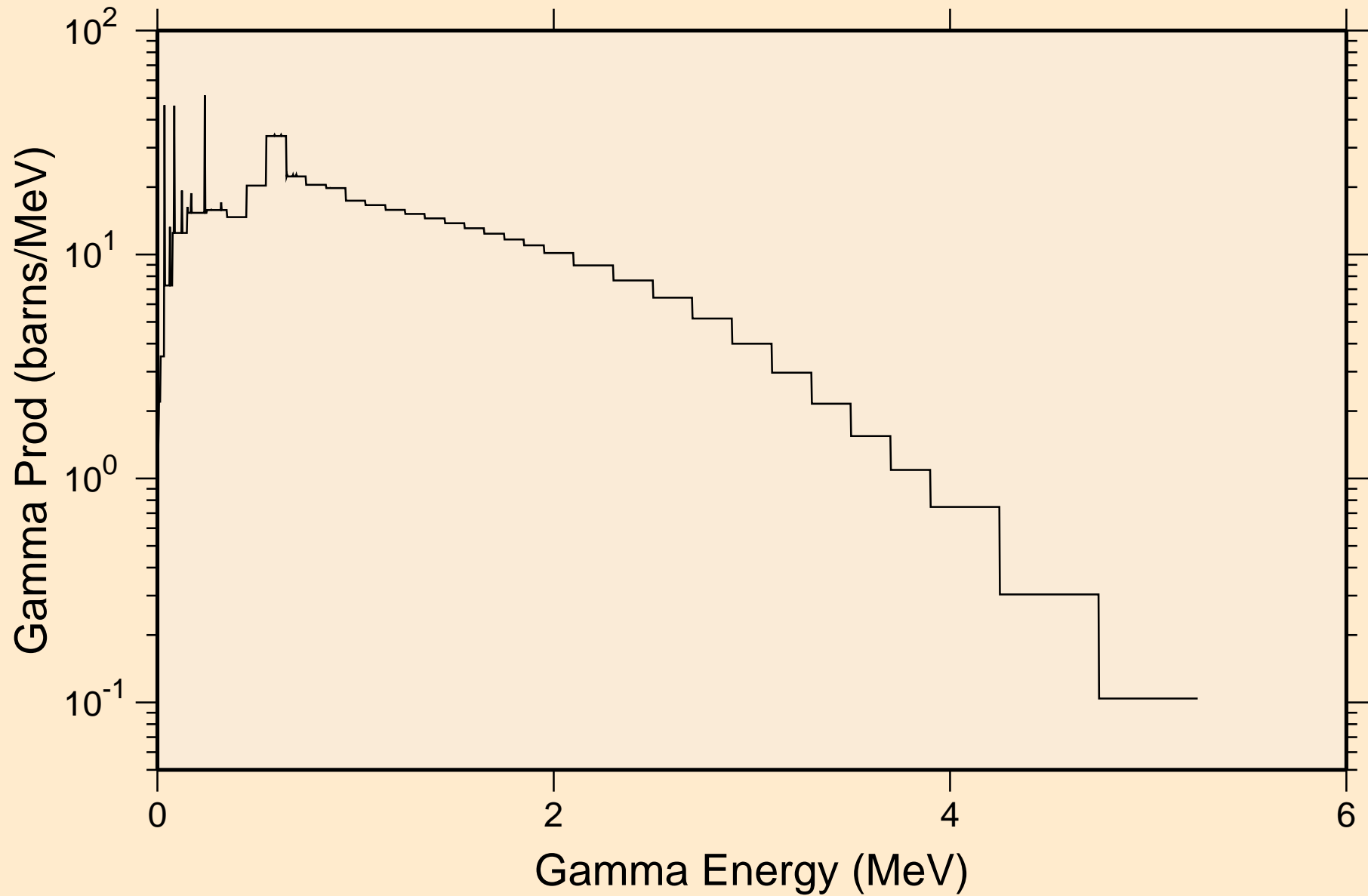


LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )

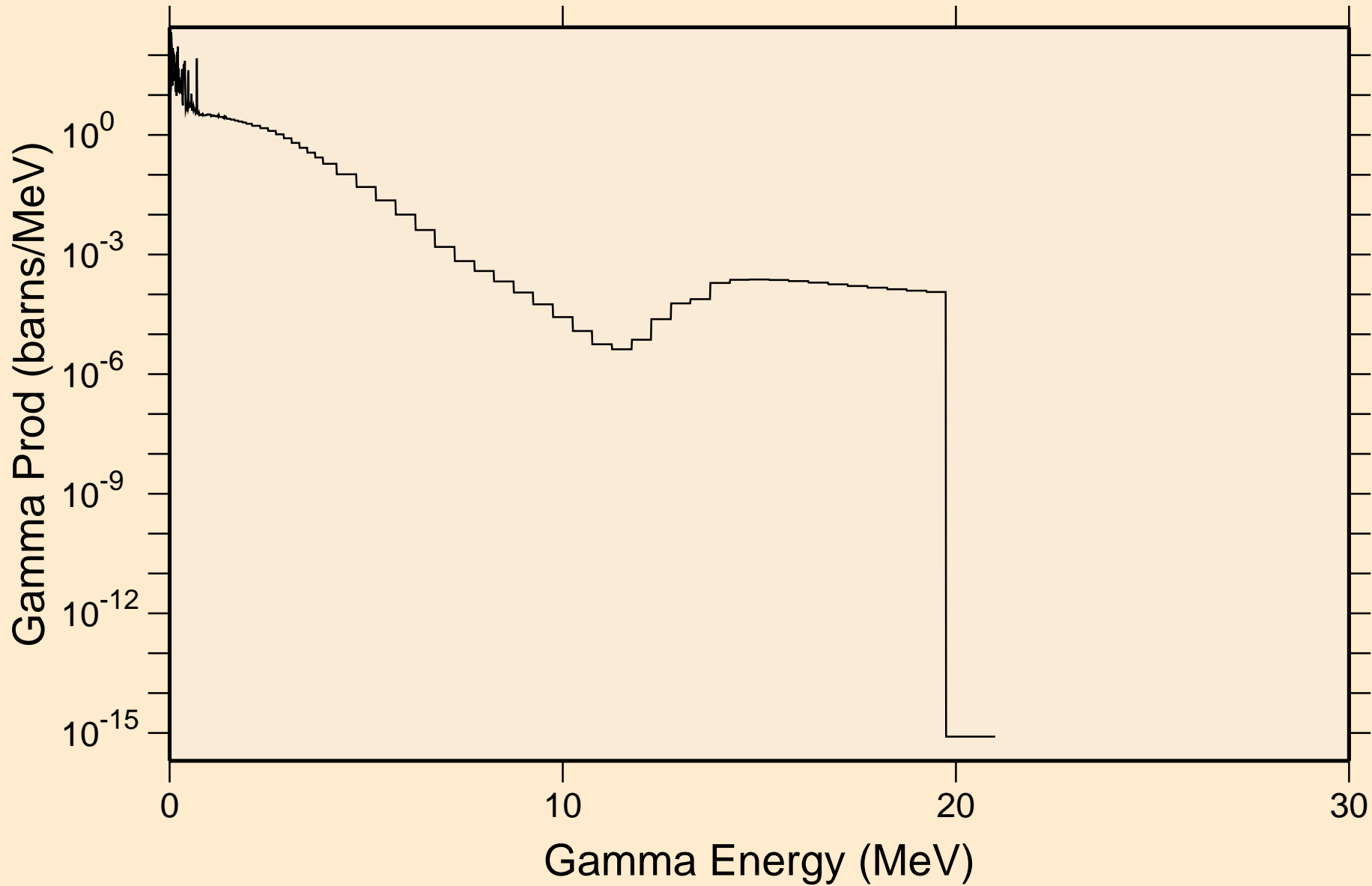




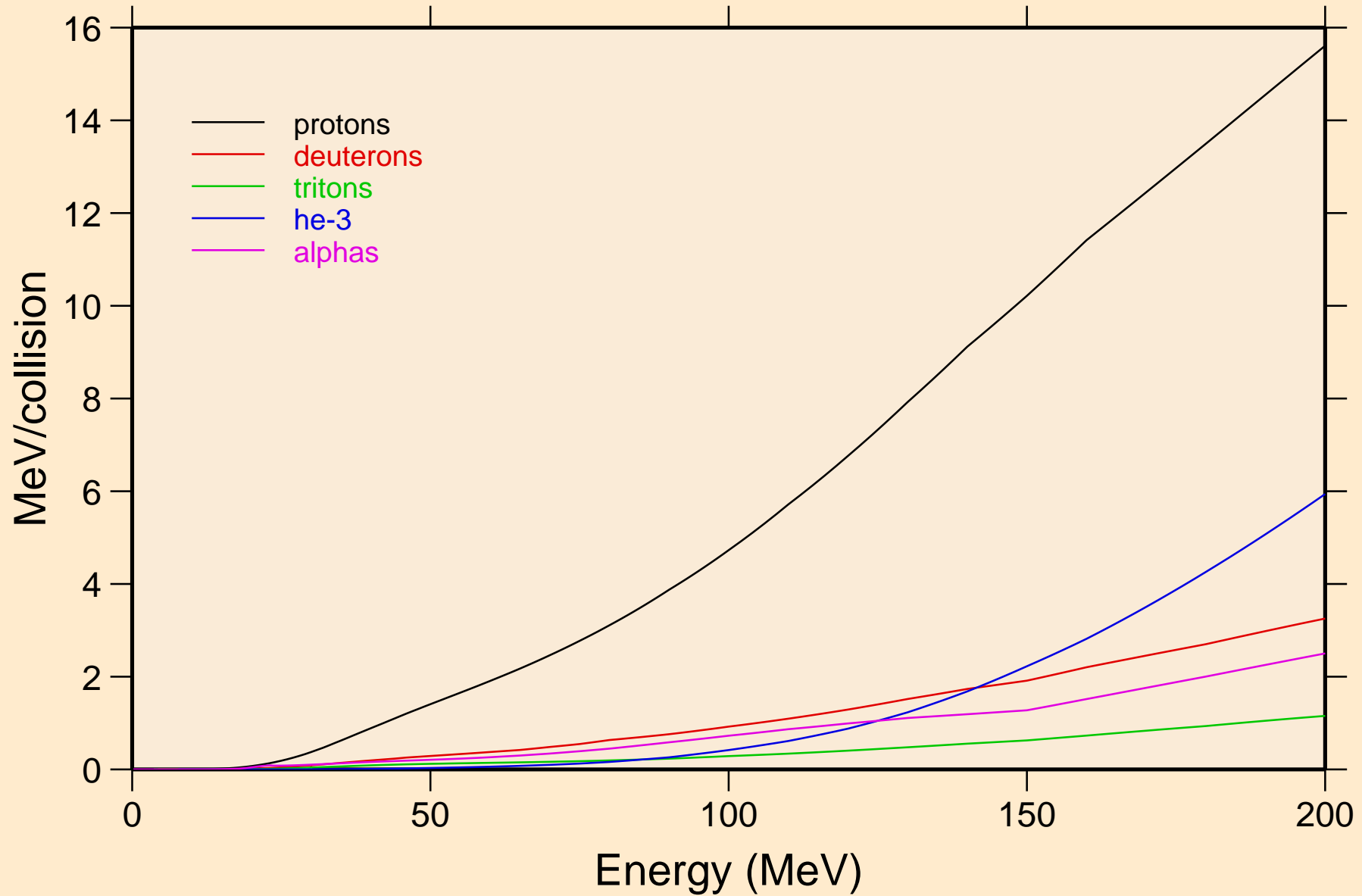
LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum



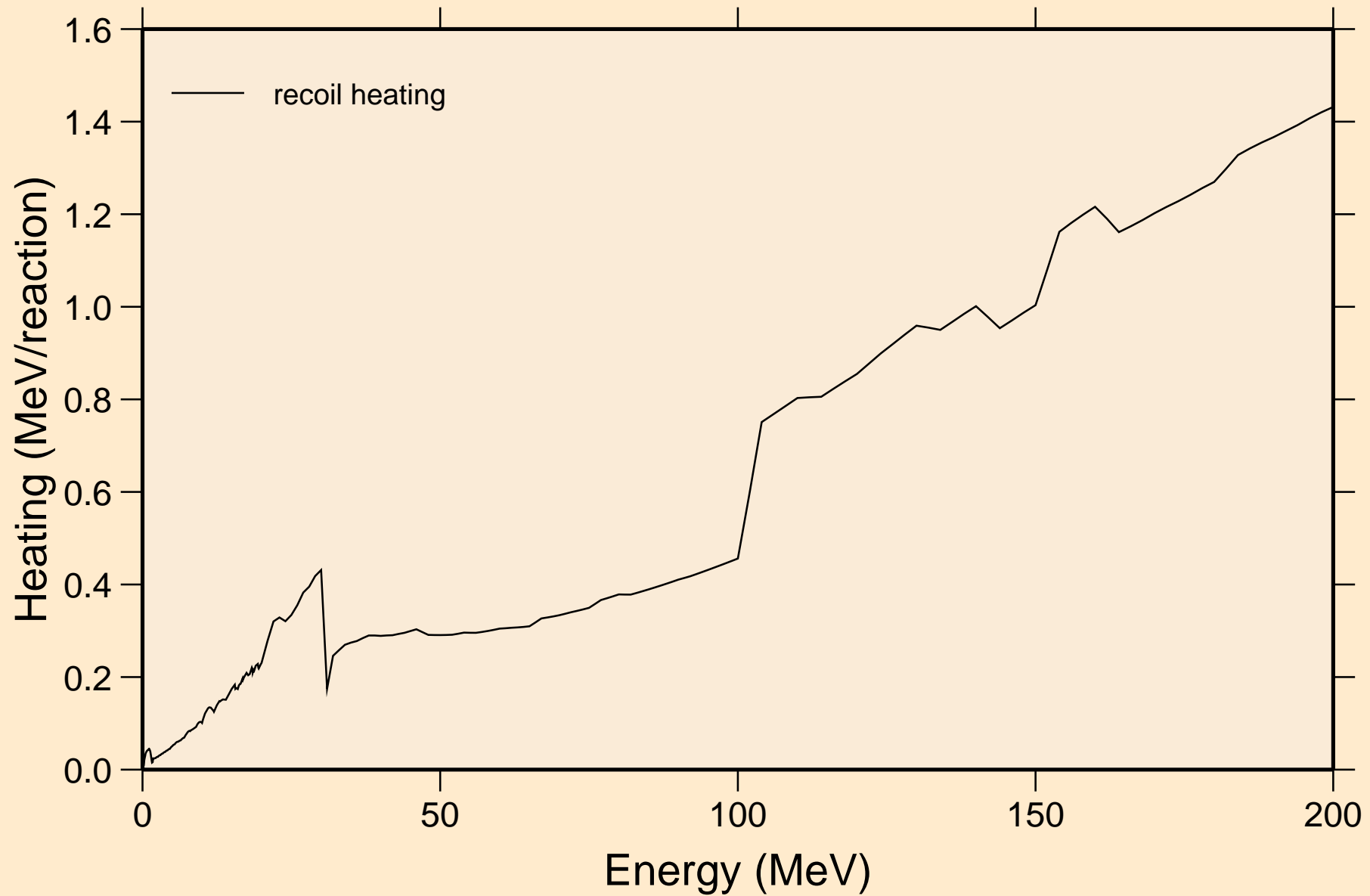
LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum



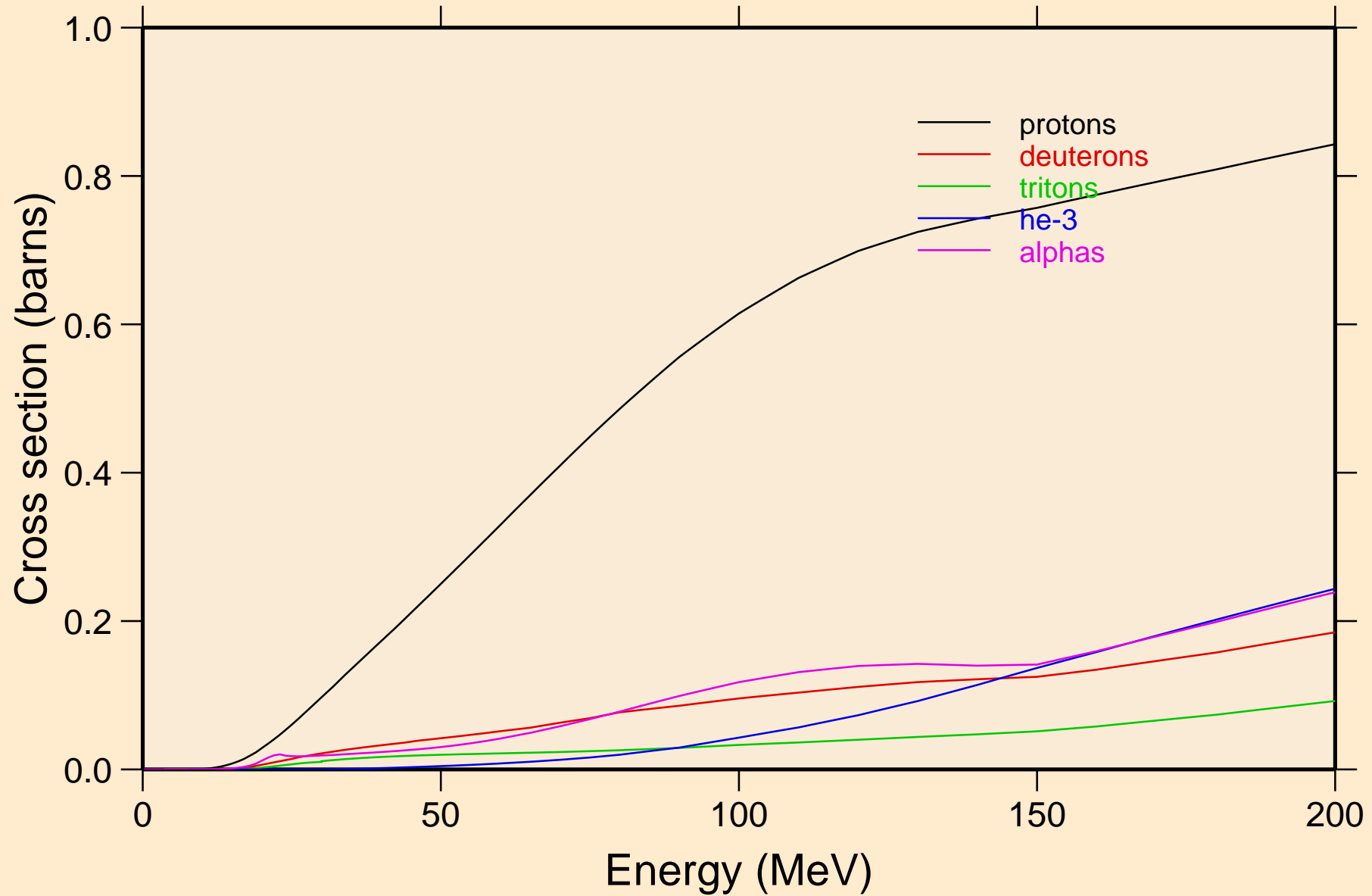
LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle heating contributions



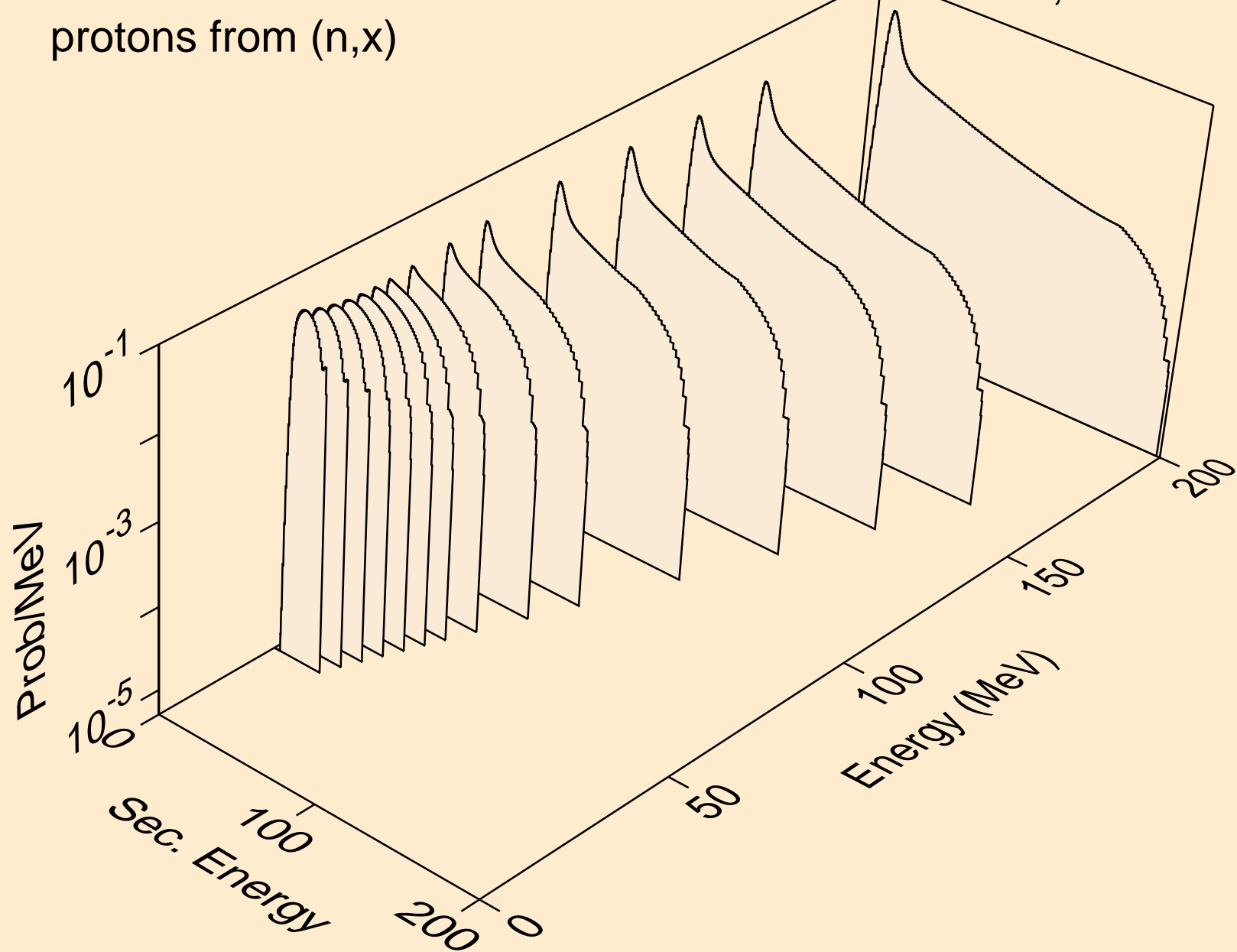
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Recoil Heating



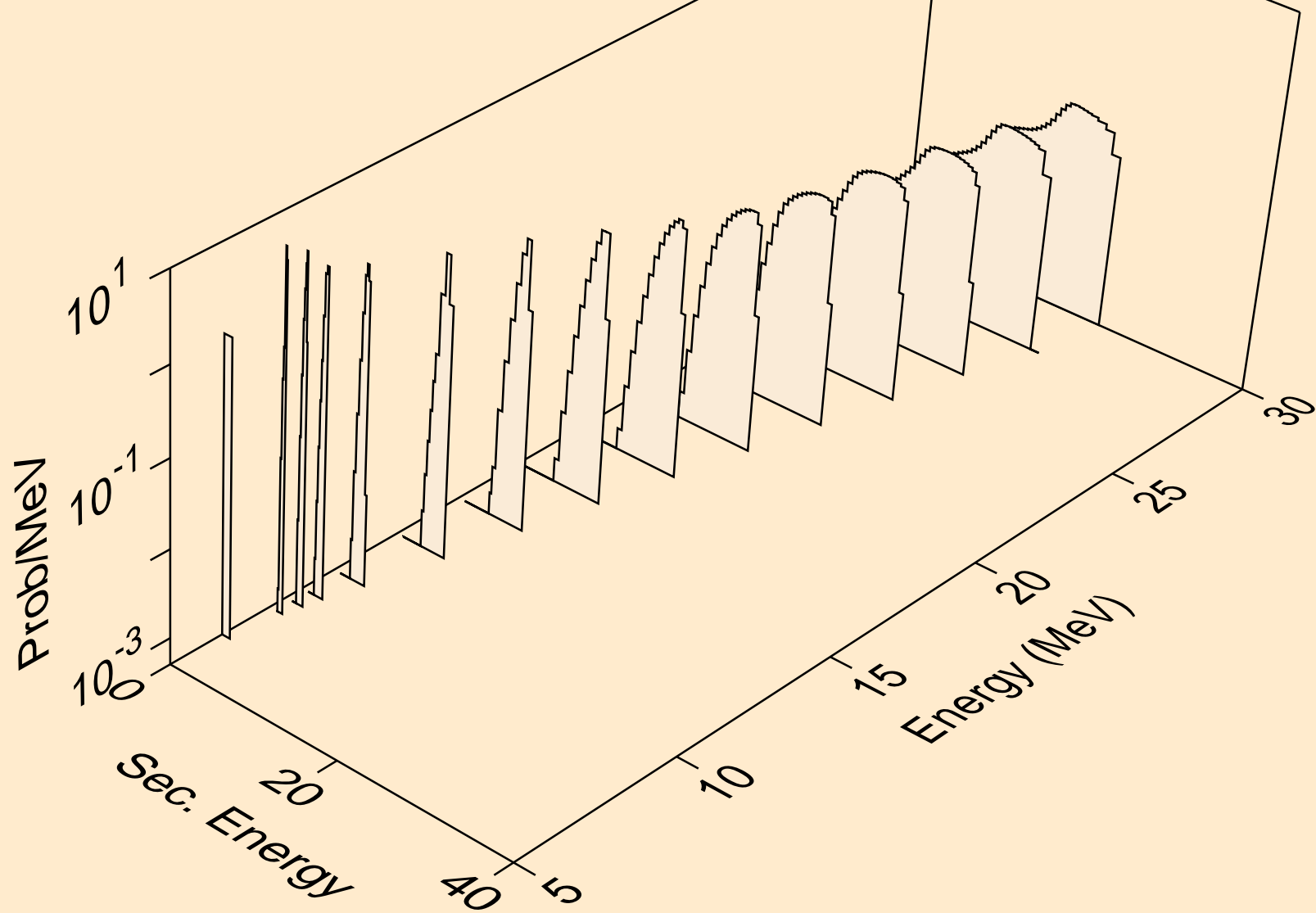
LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



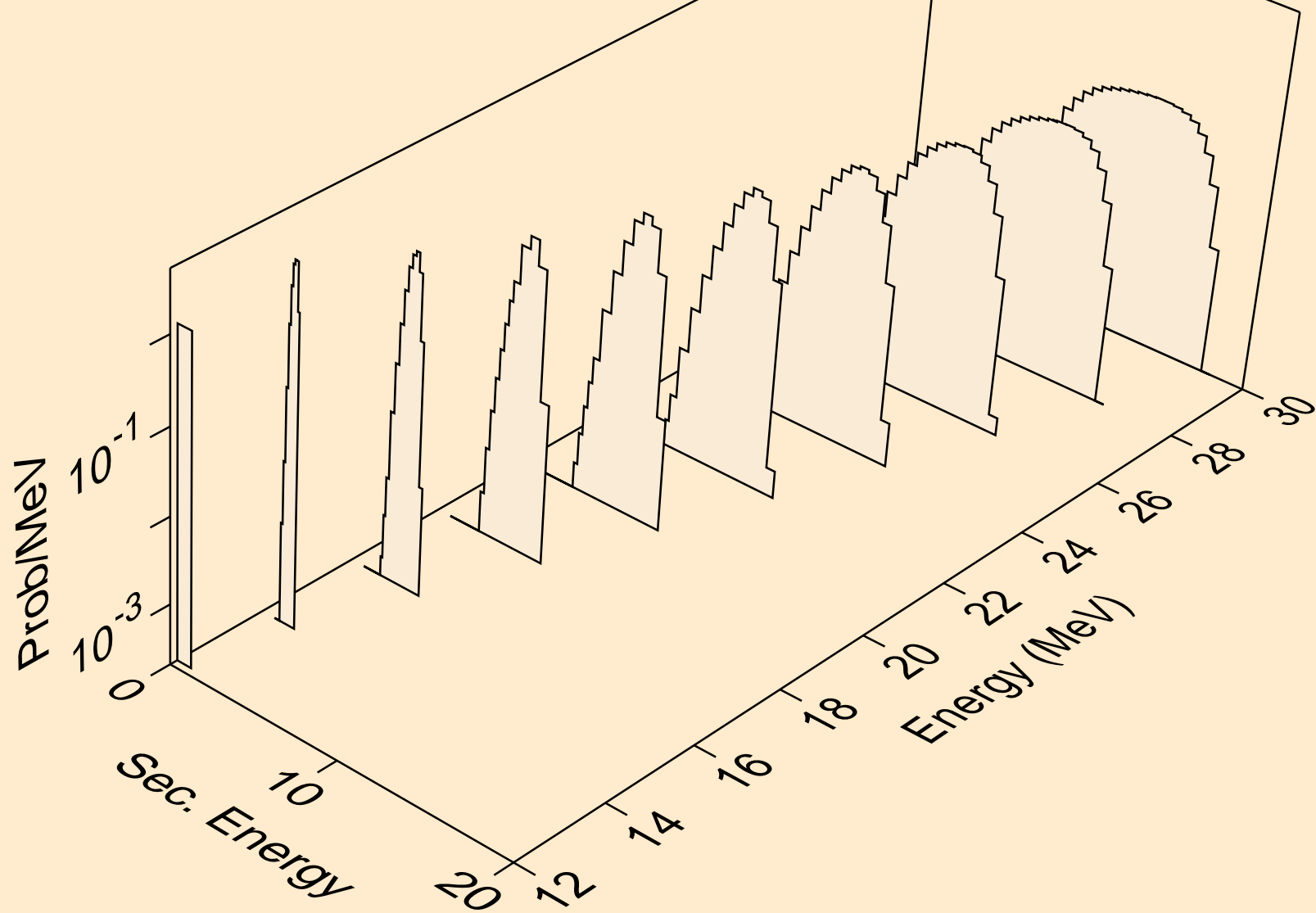
LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p

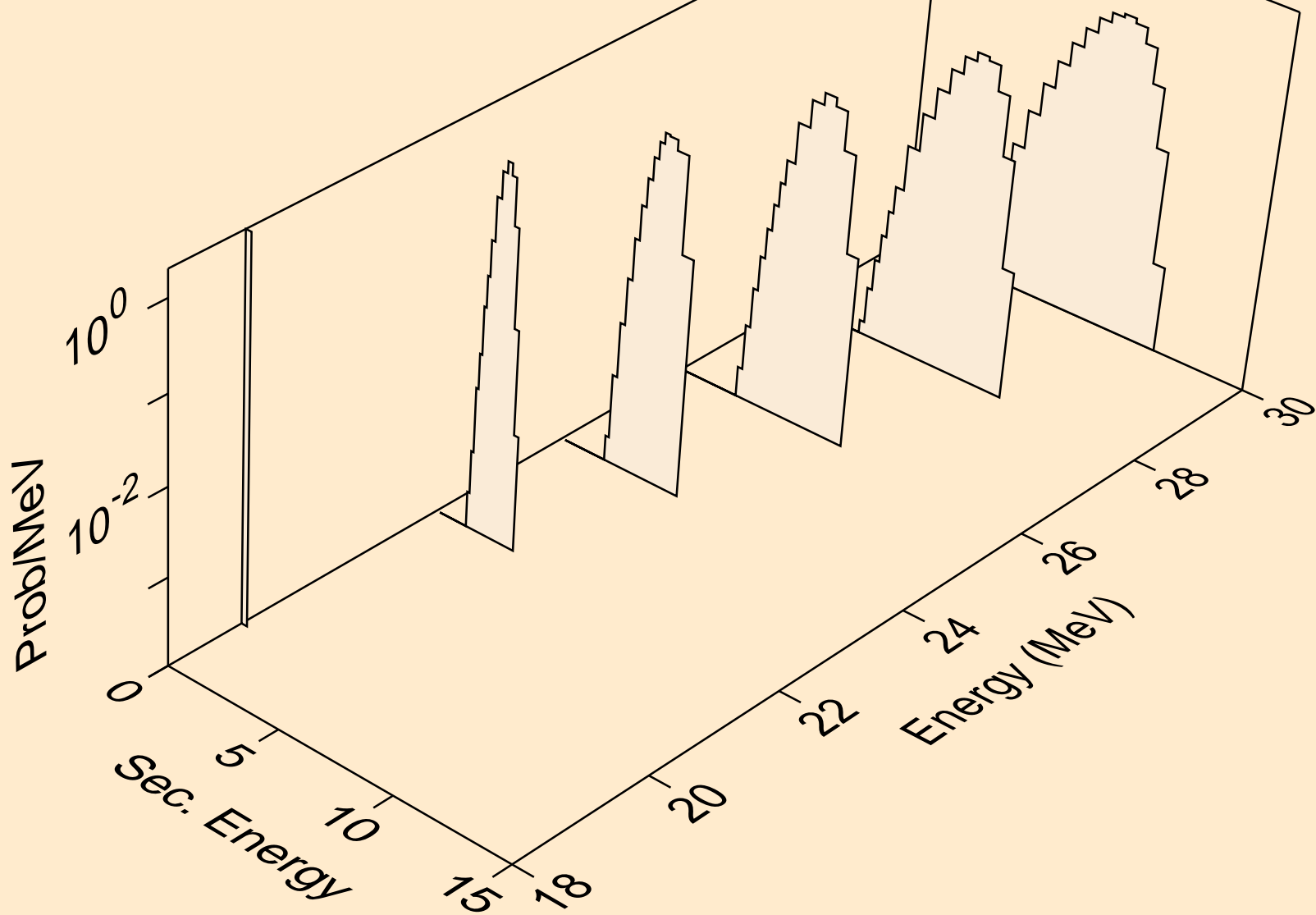


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protons from (n,2np)

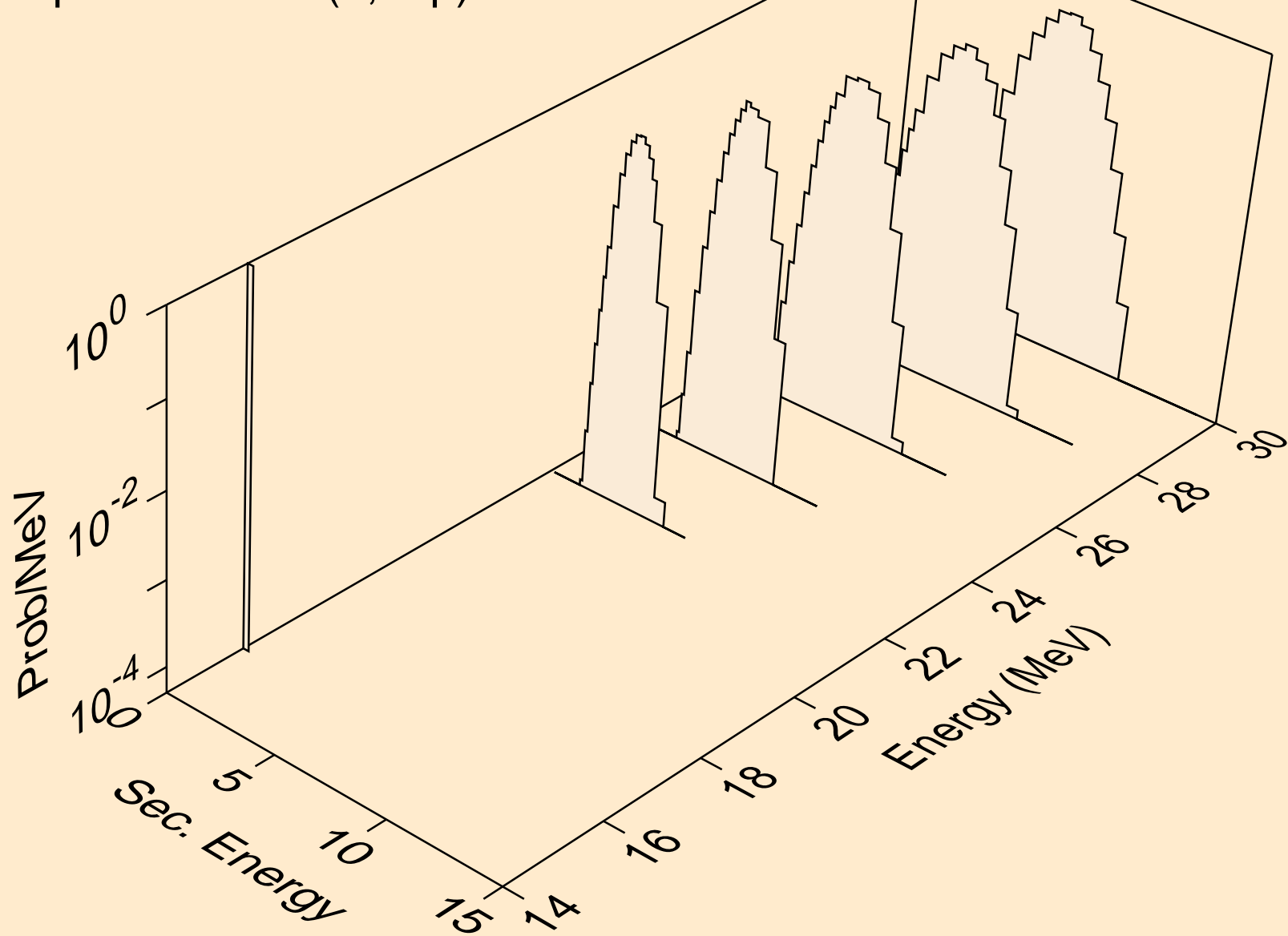




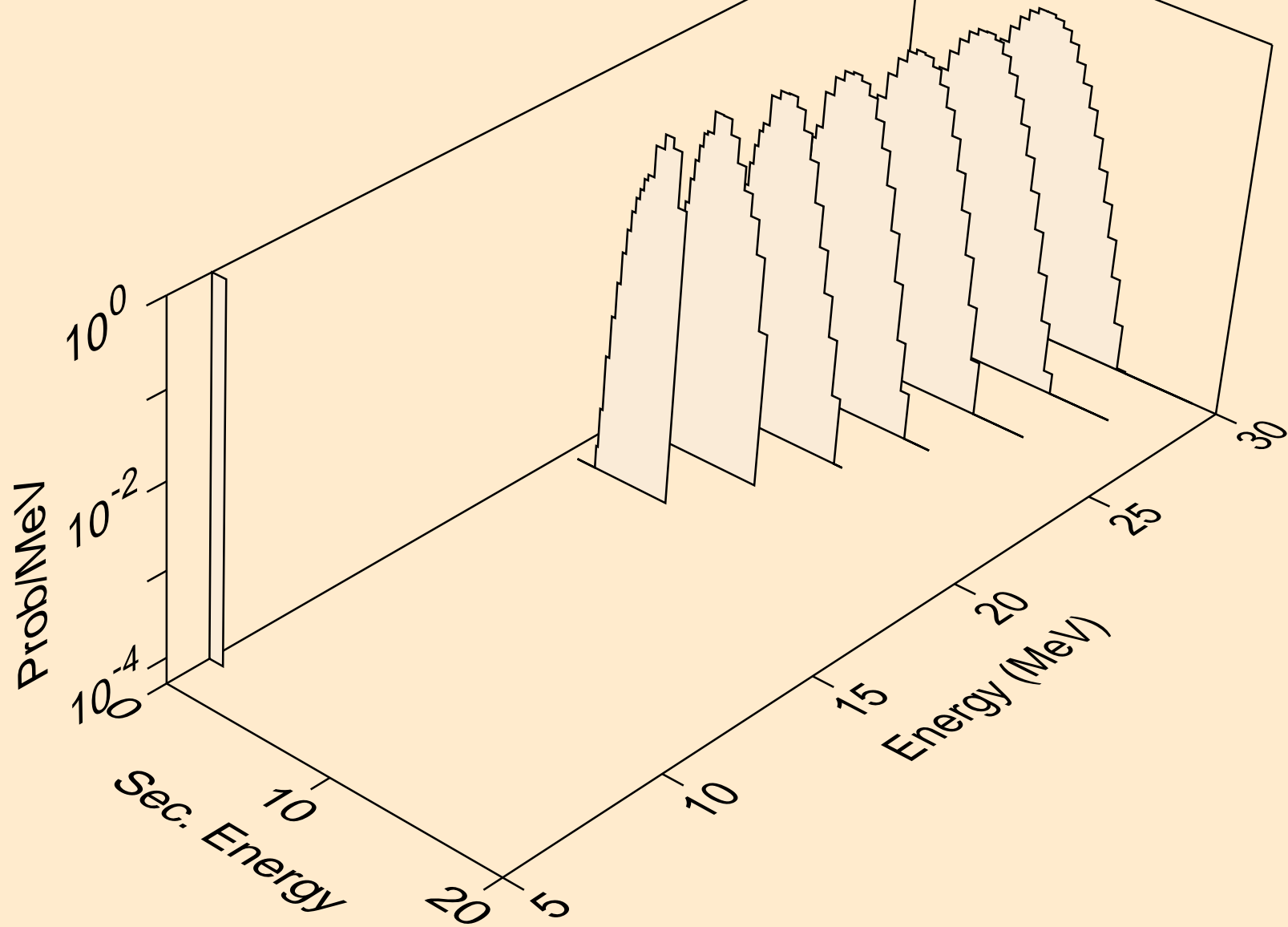
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protons from (n,3np)



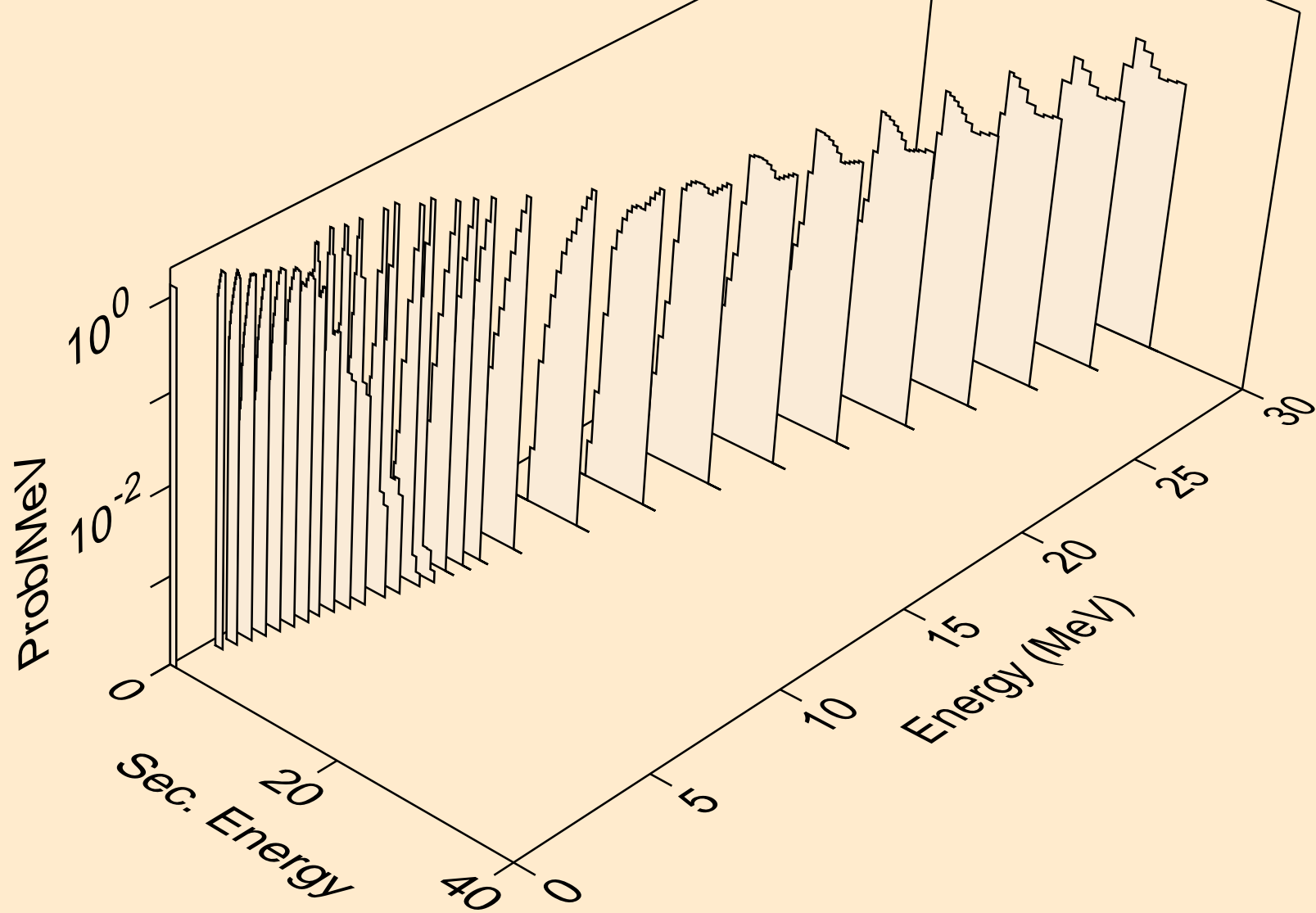
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protons from (n,n2p)



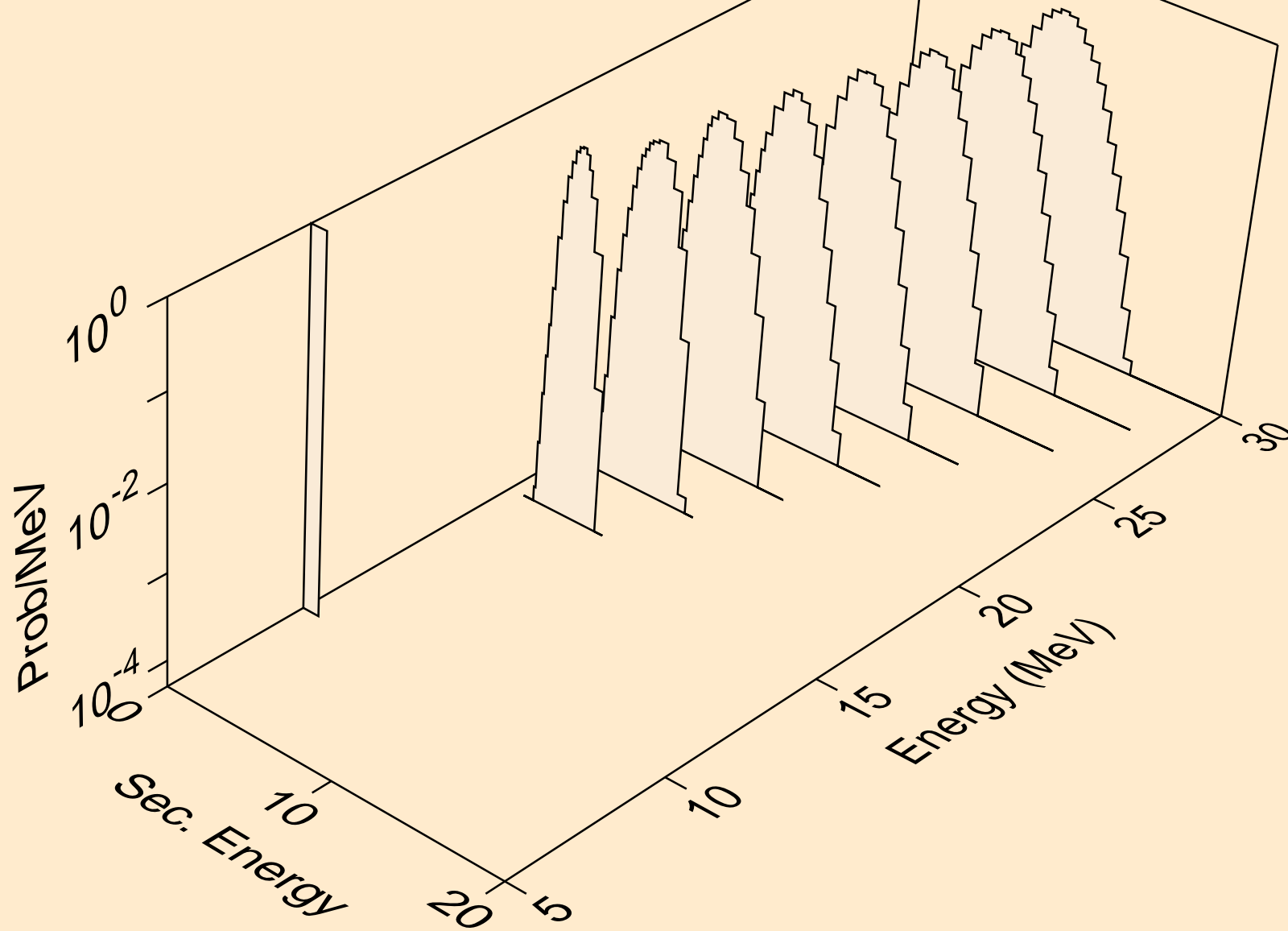
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protons from (n,npa)



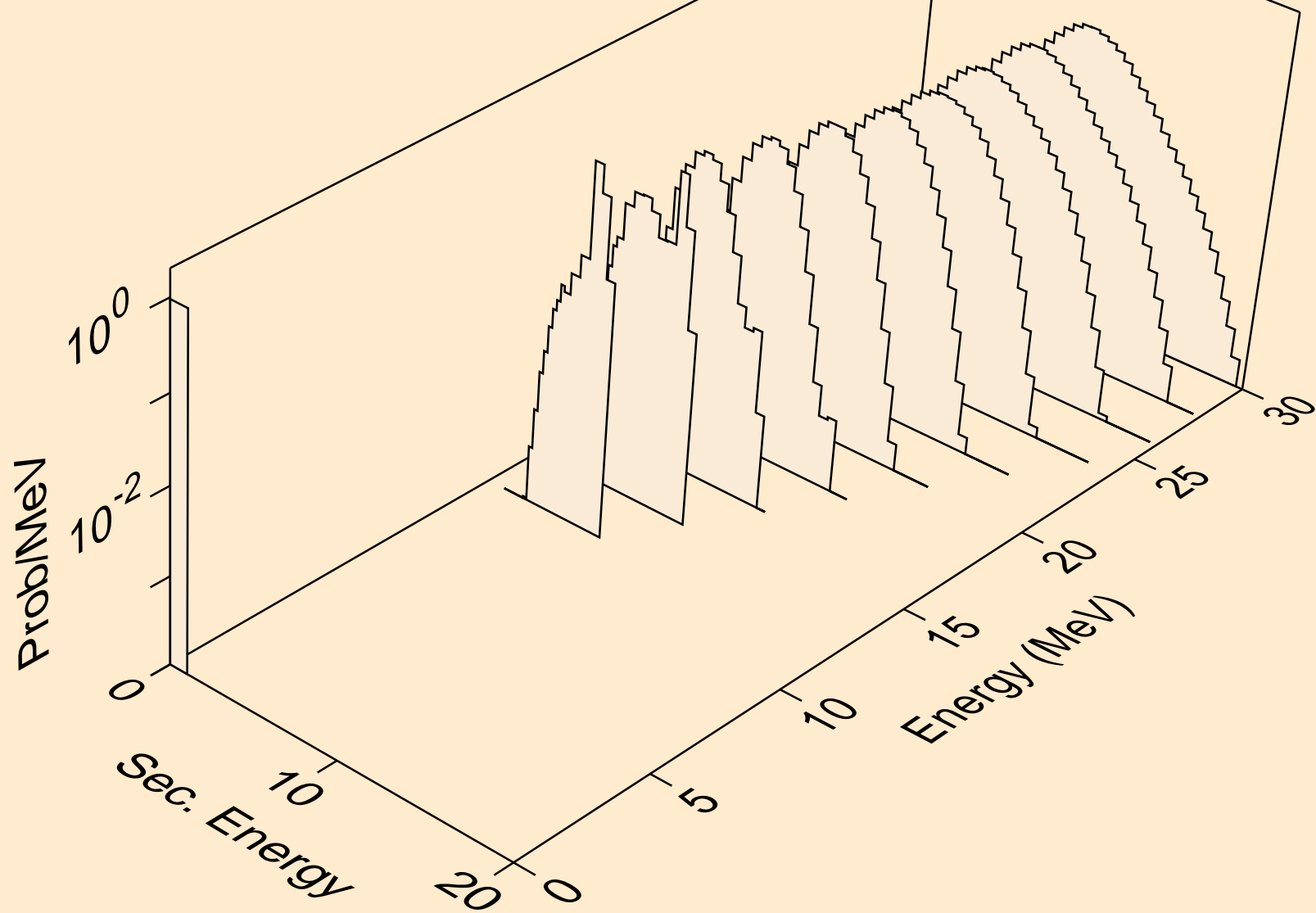
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protons from (n,p)



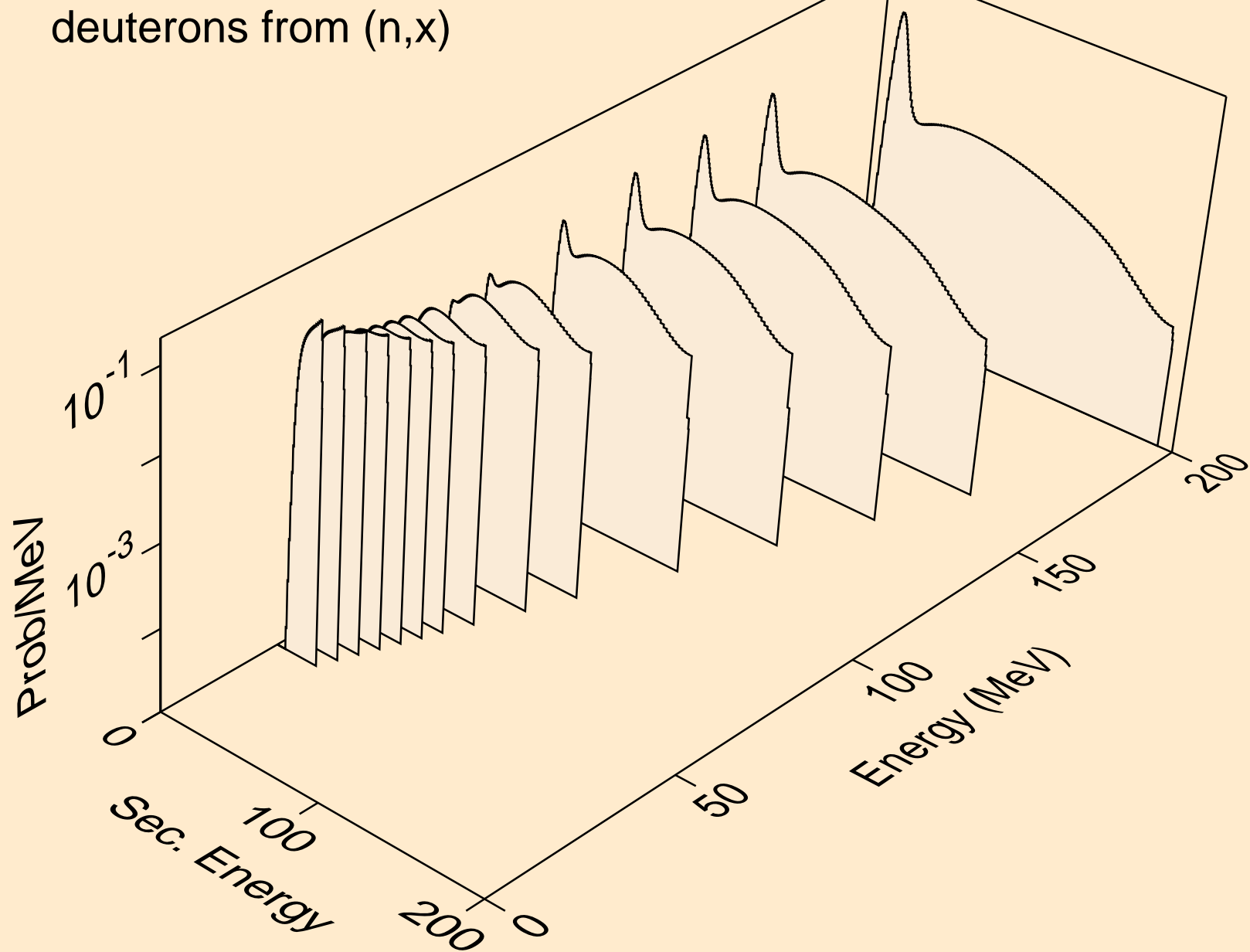
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protons from (n,2p)



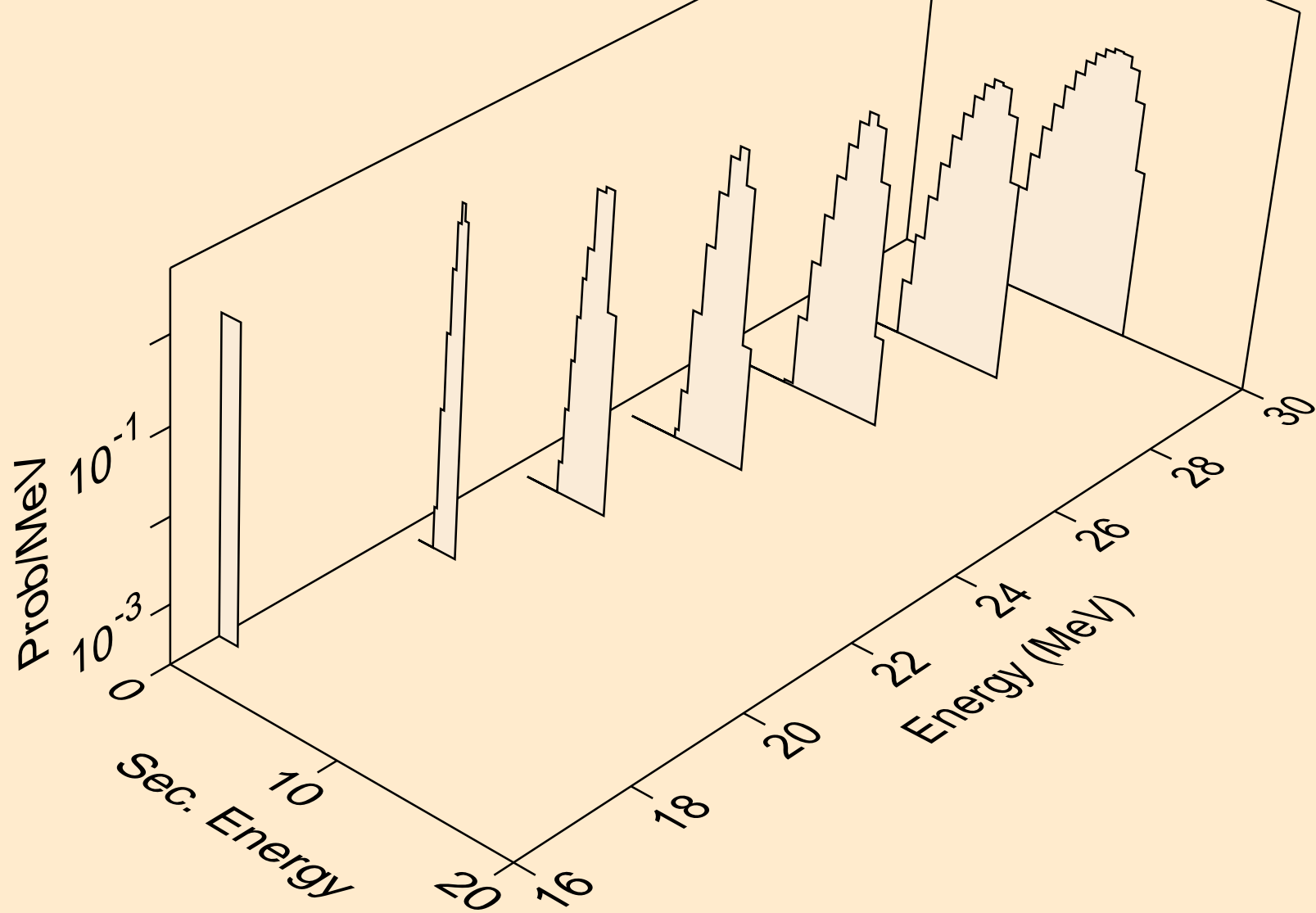
LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)



LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)

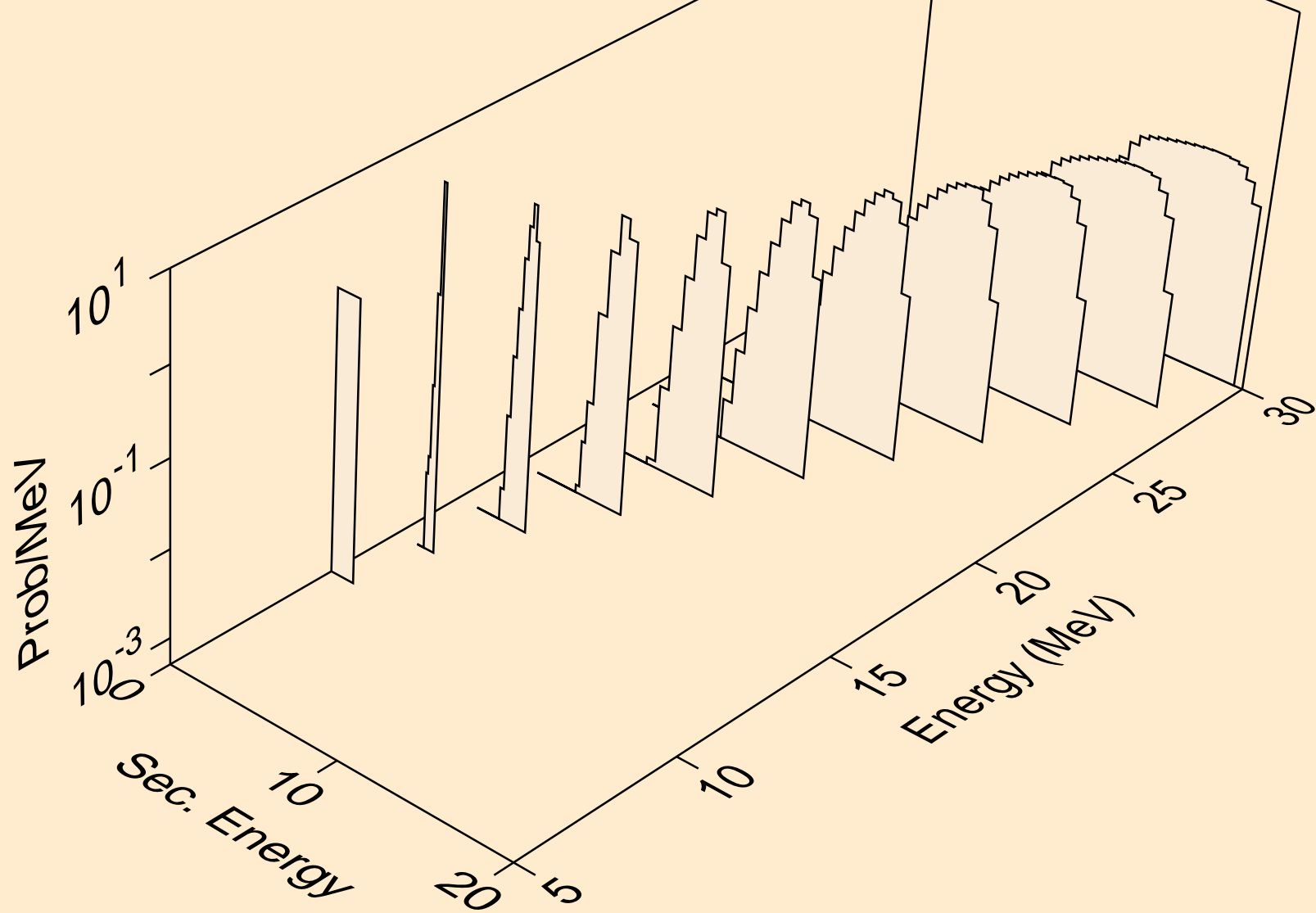


LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,2nd)

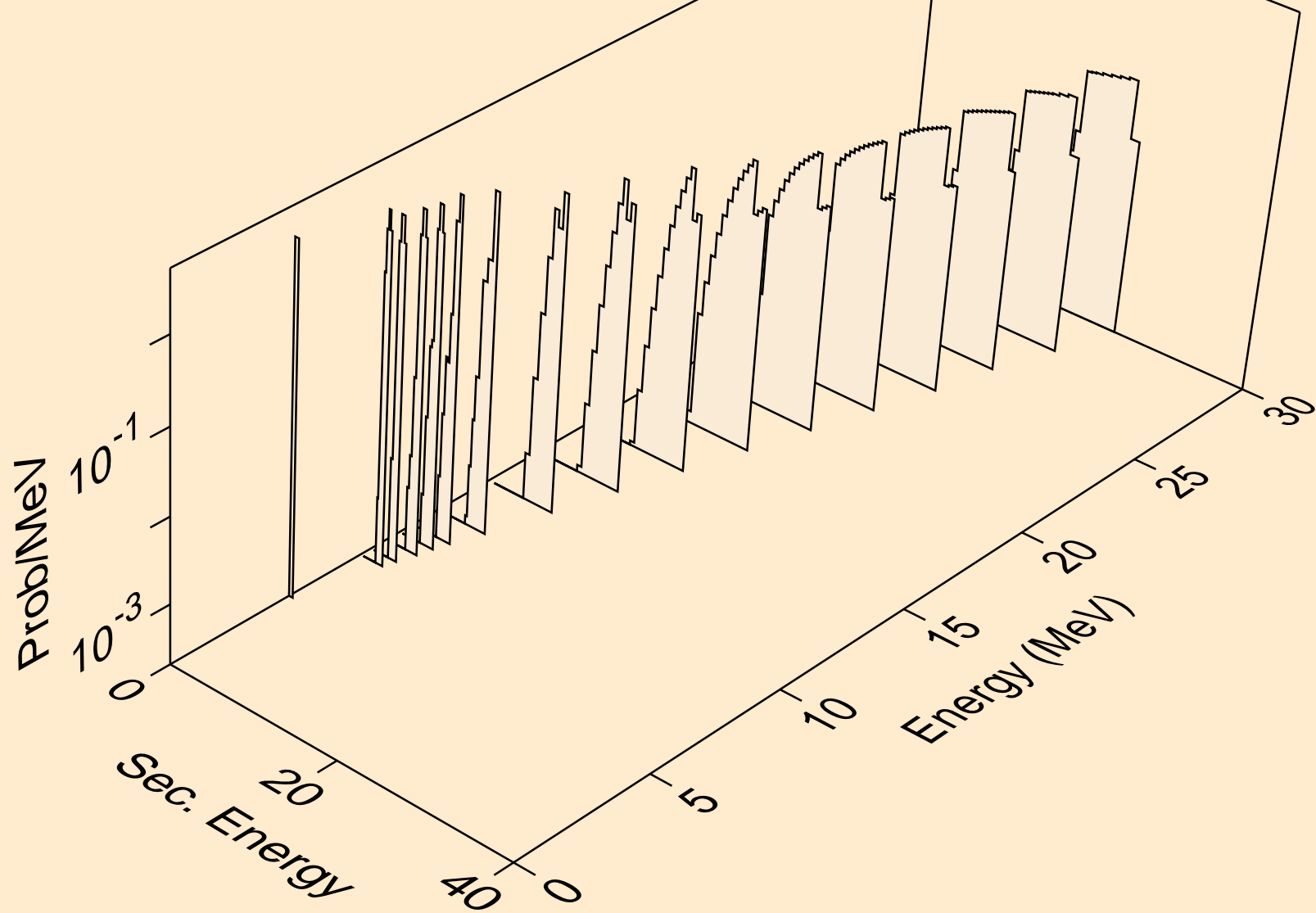




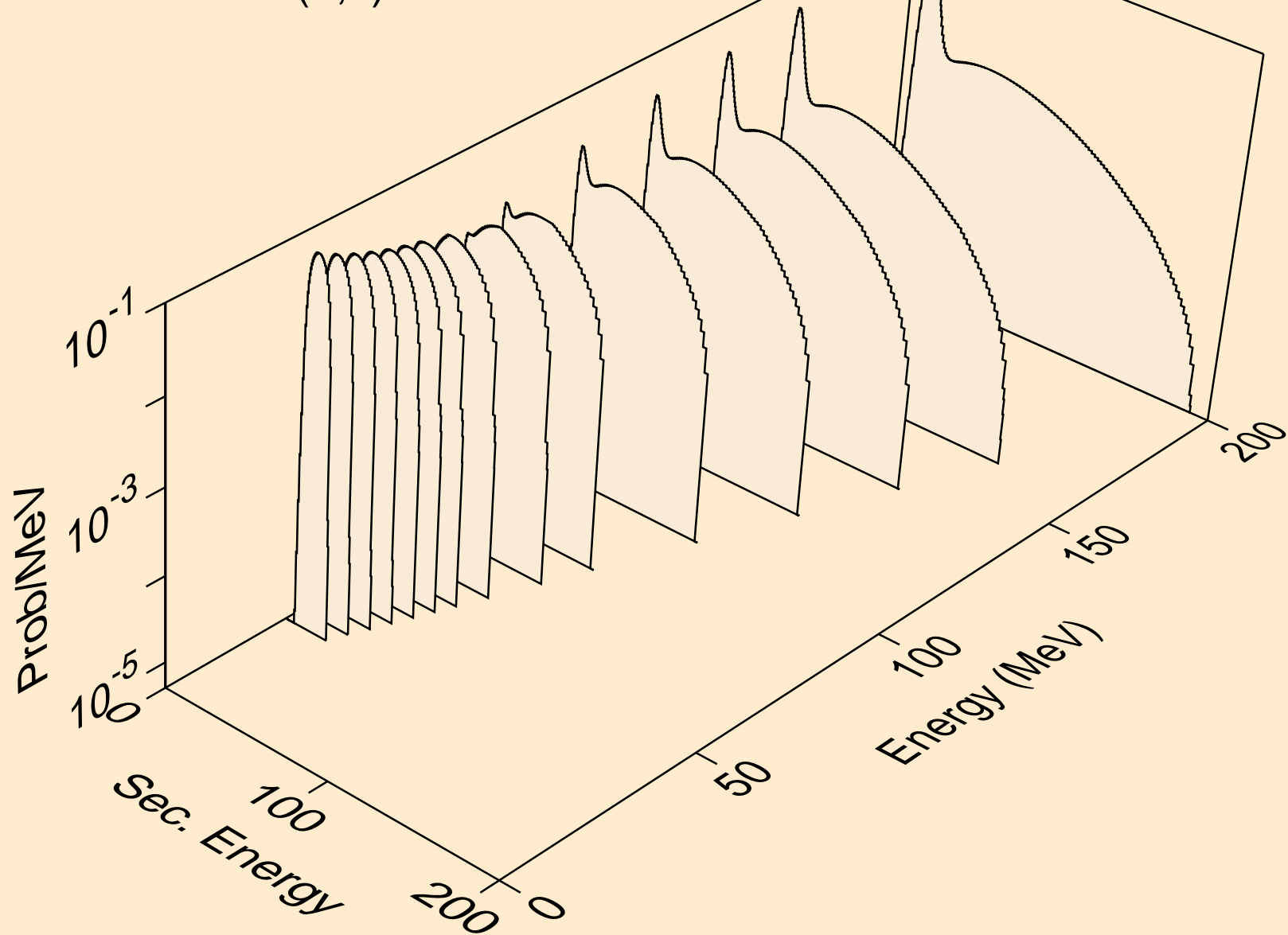
LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d



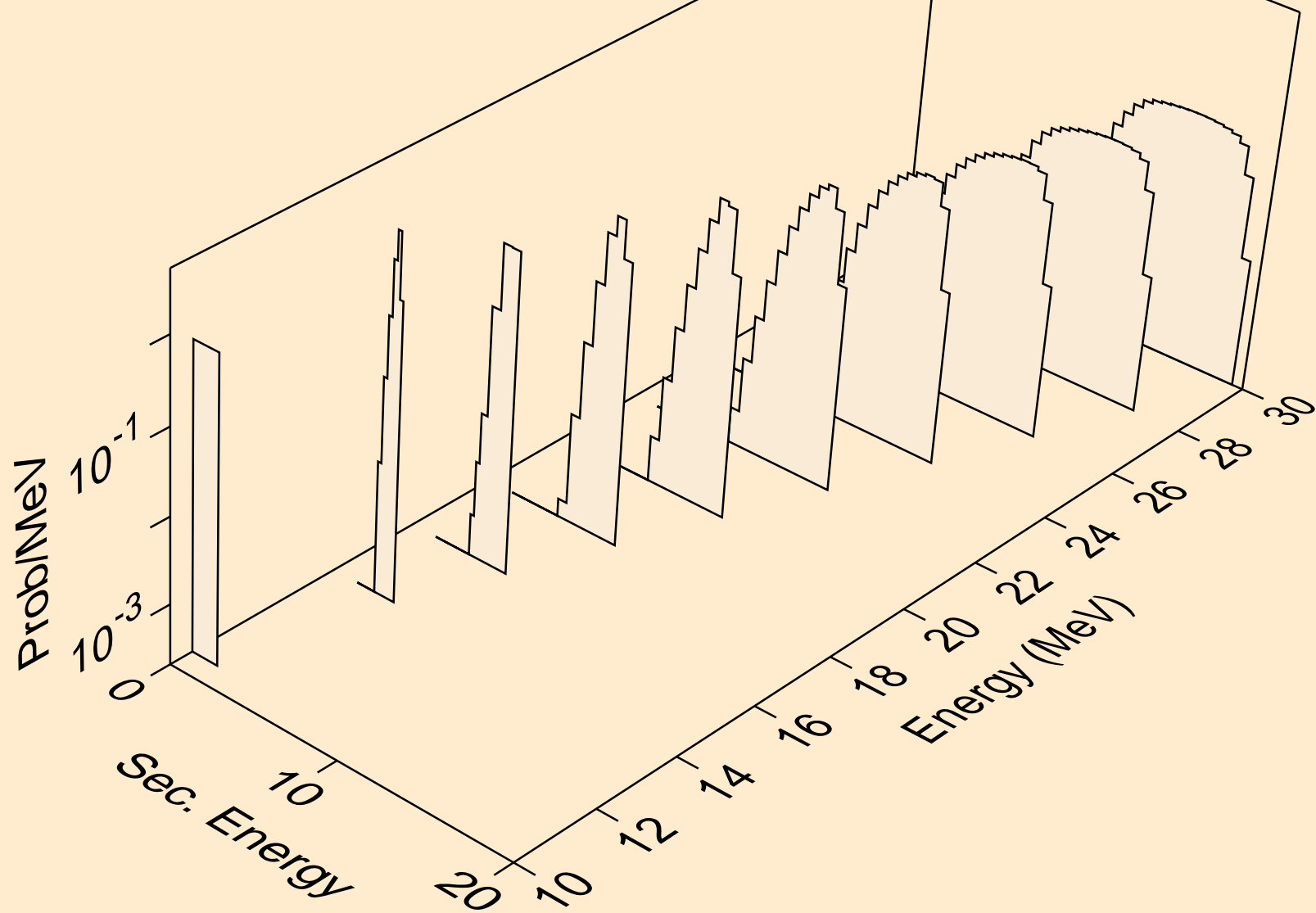
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deuterons from (n,d)



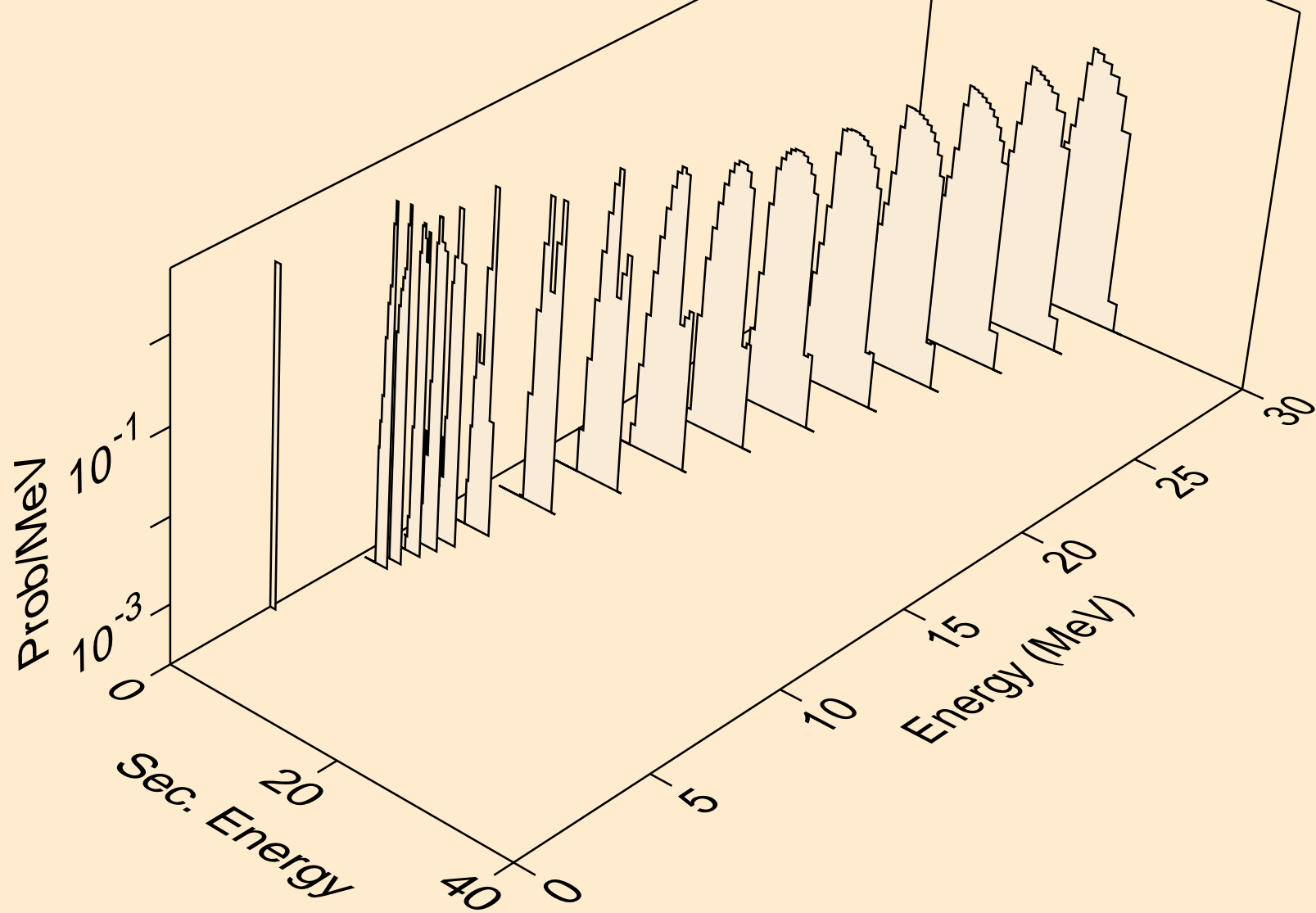
LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)



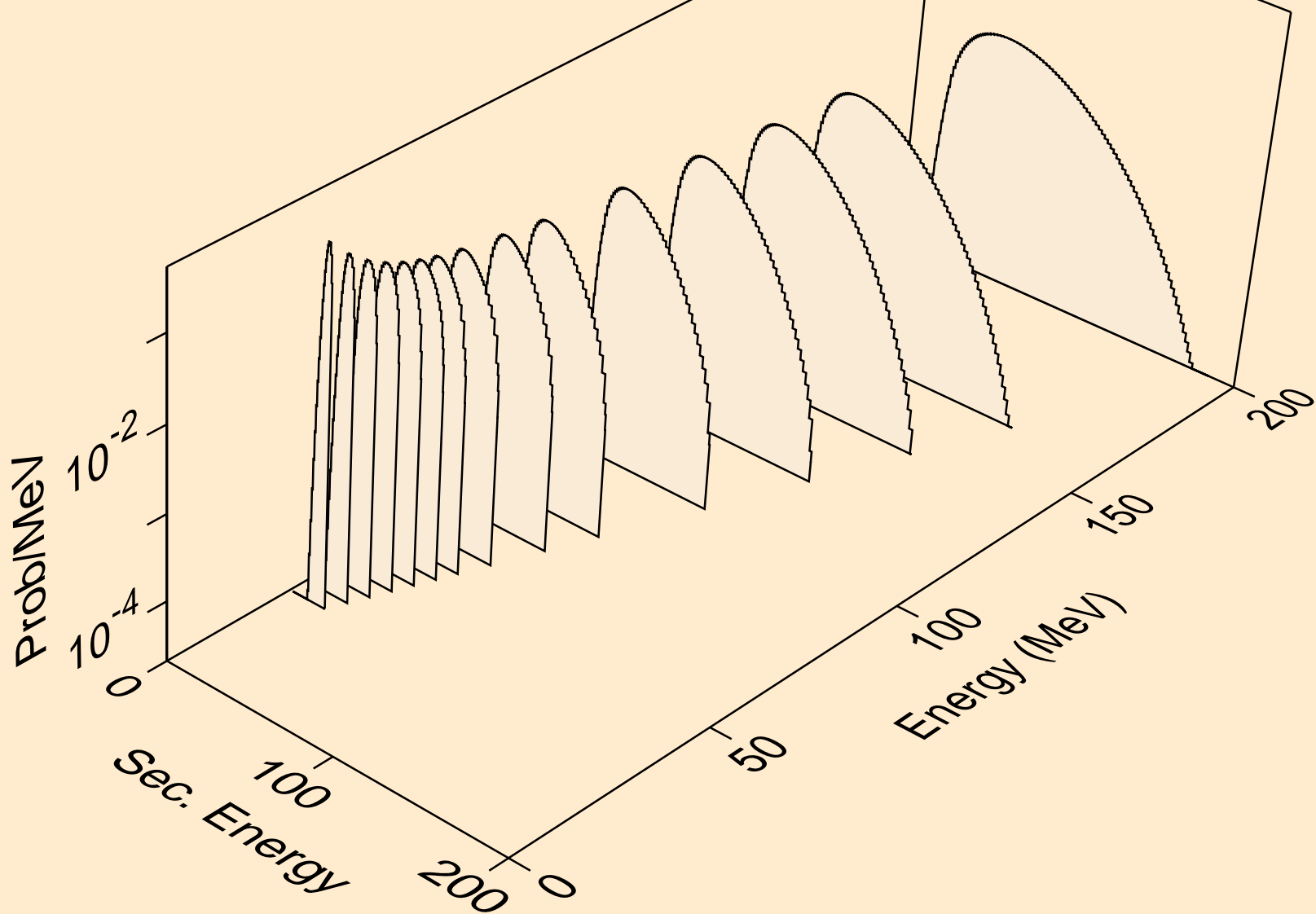
LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



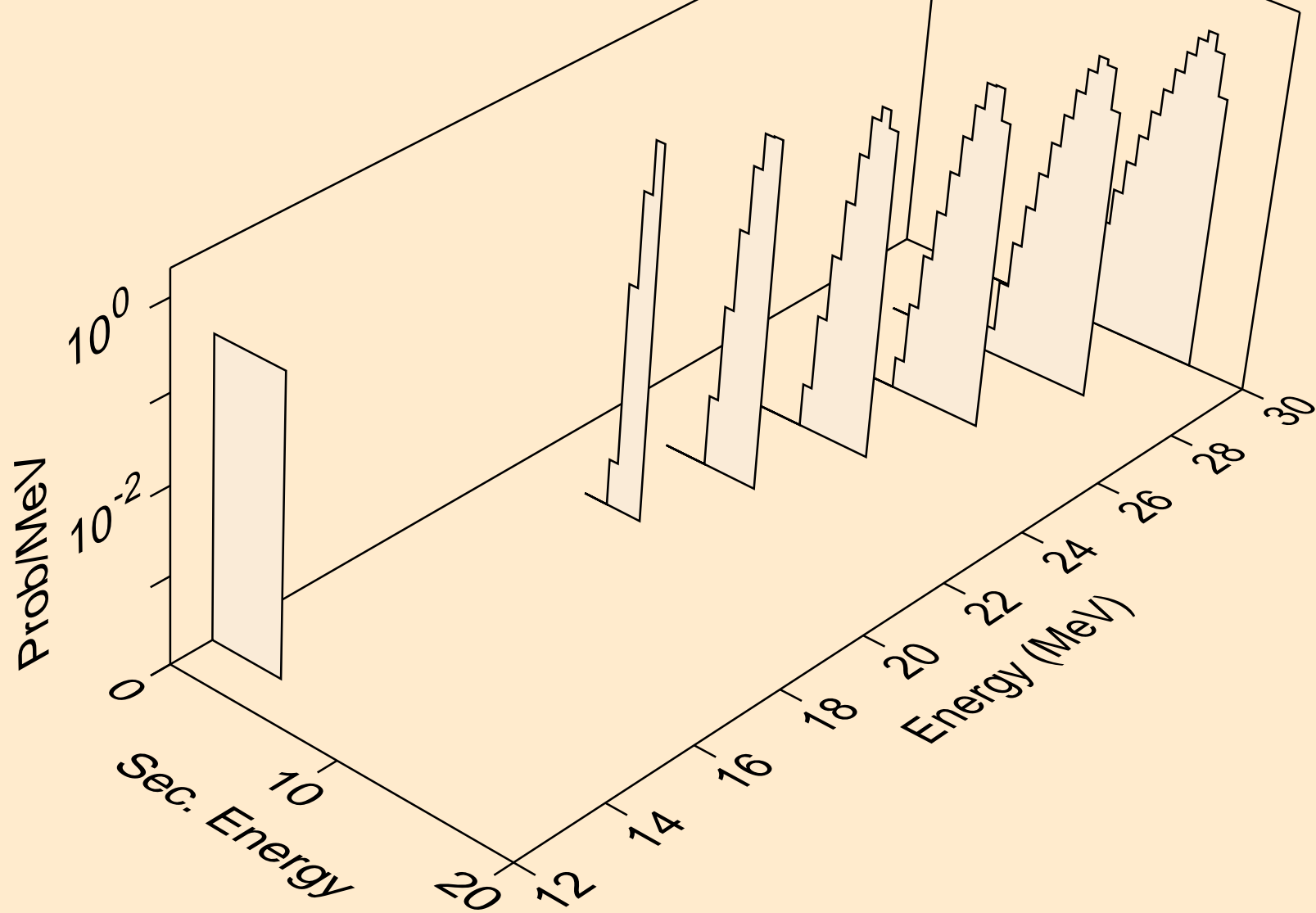
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tritons from (n,t)



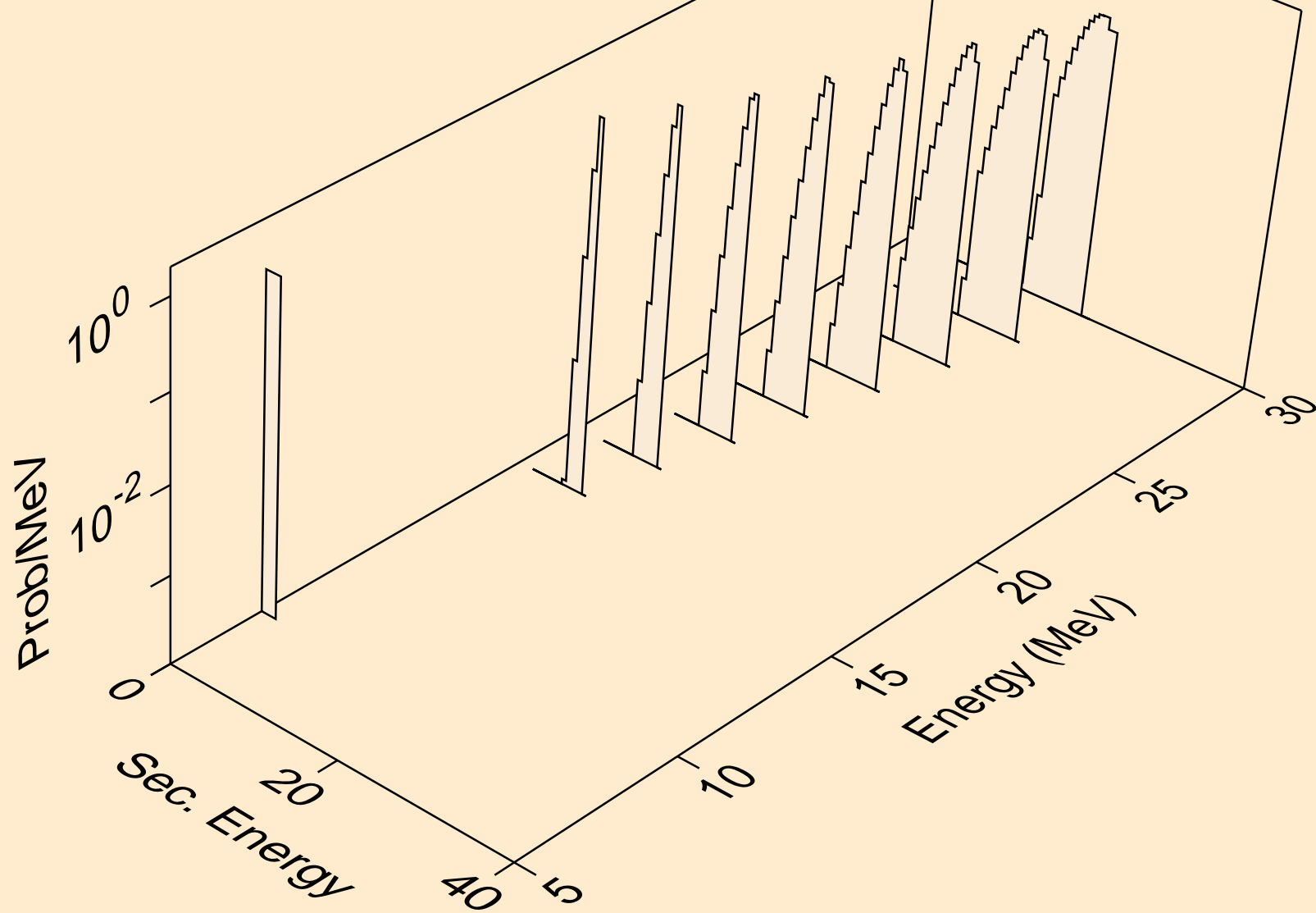
LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3

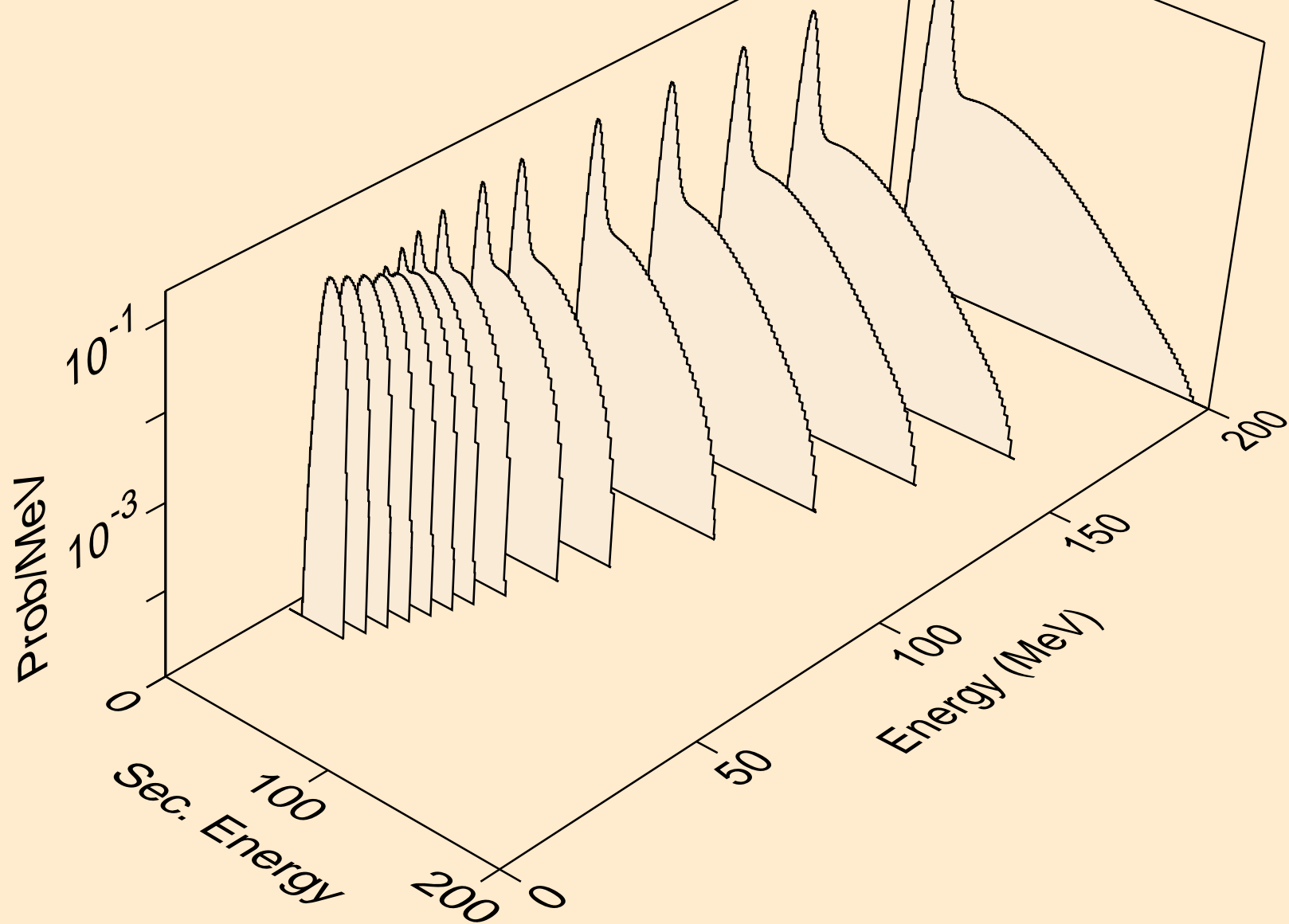


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he3s from (n,he3)

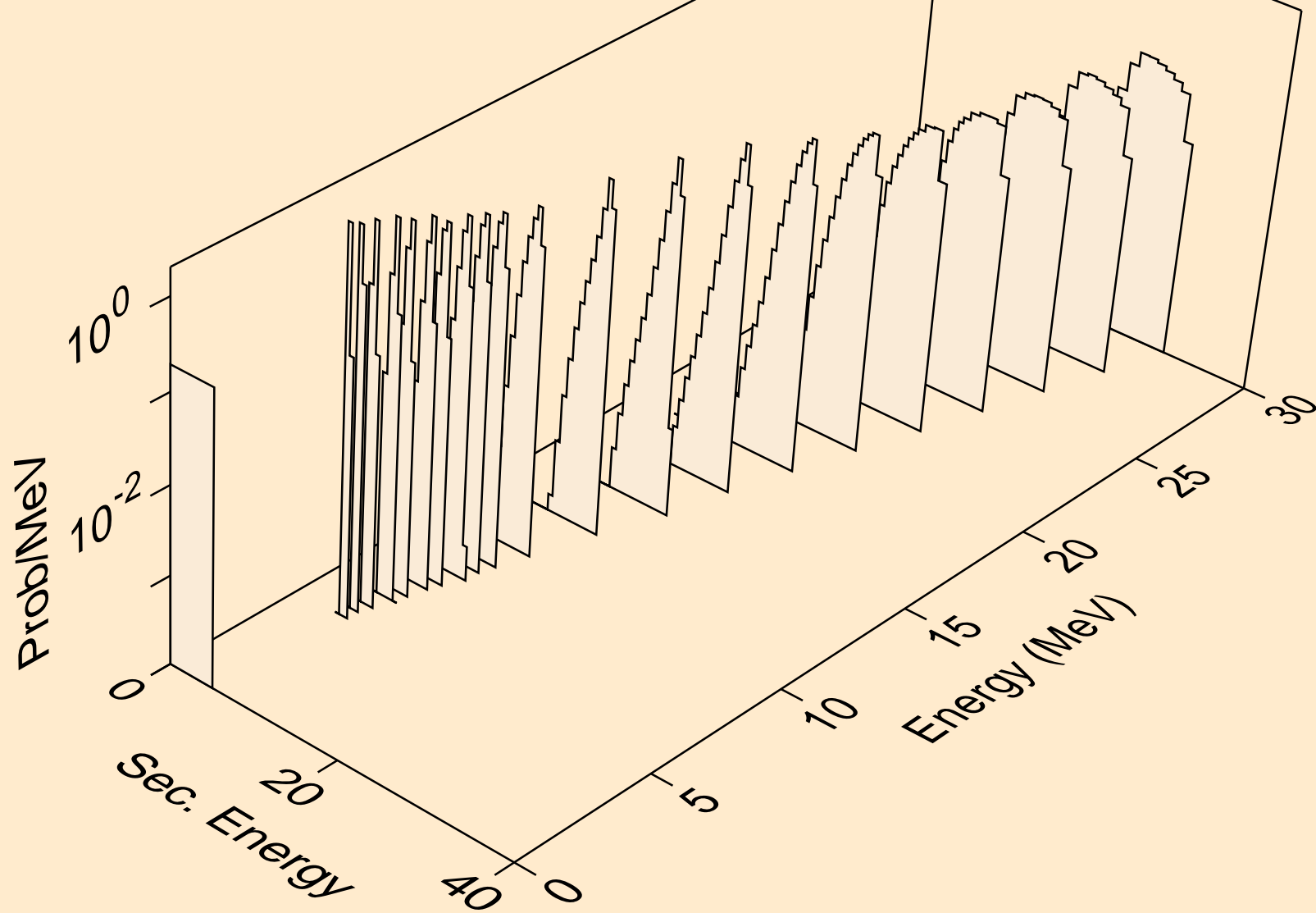




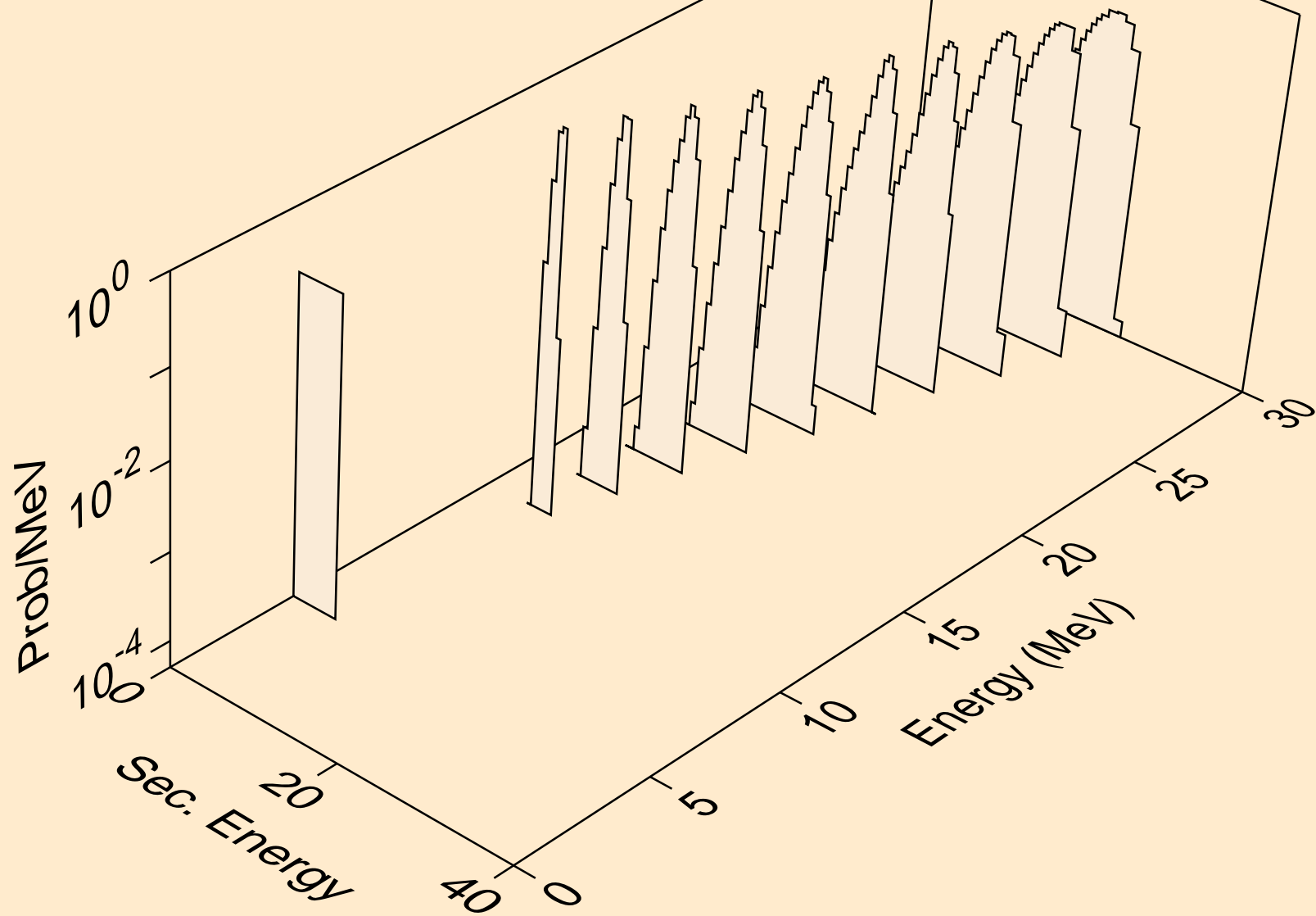
LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



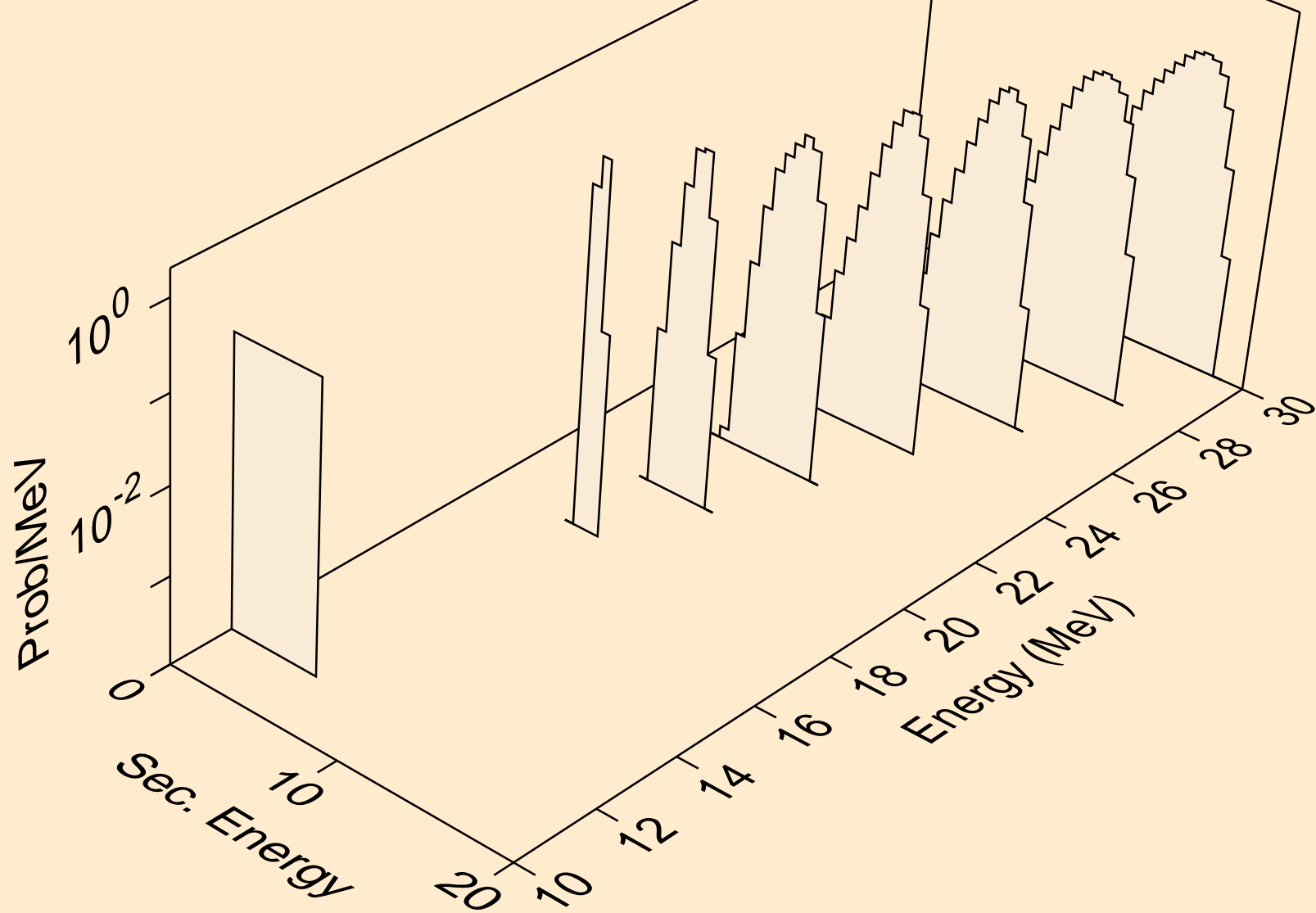
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alphas from (n,n\*)a



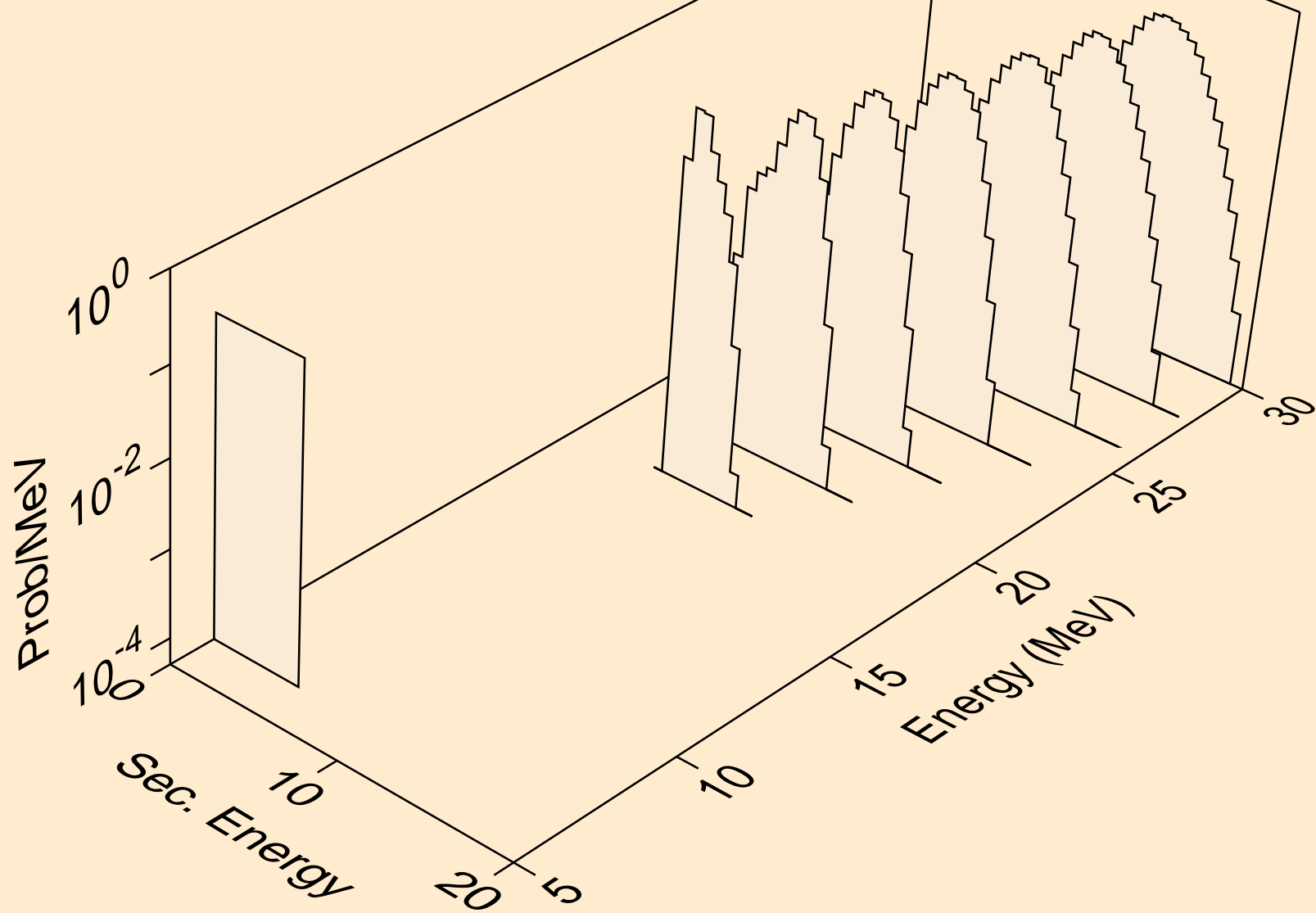
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alphas from (n,2n)a



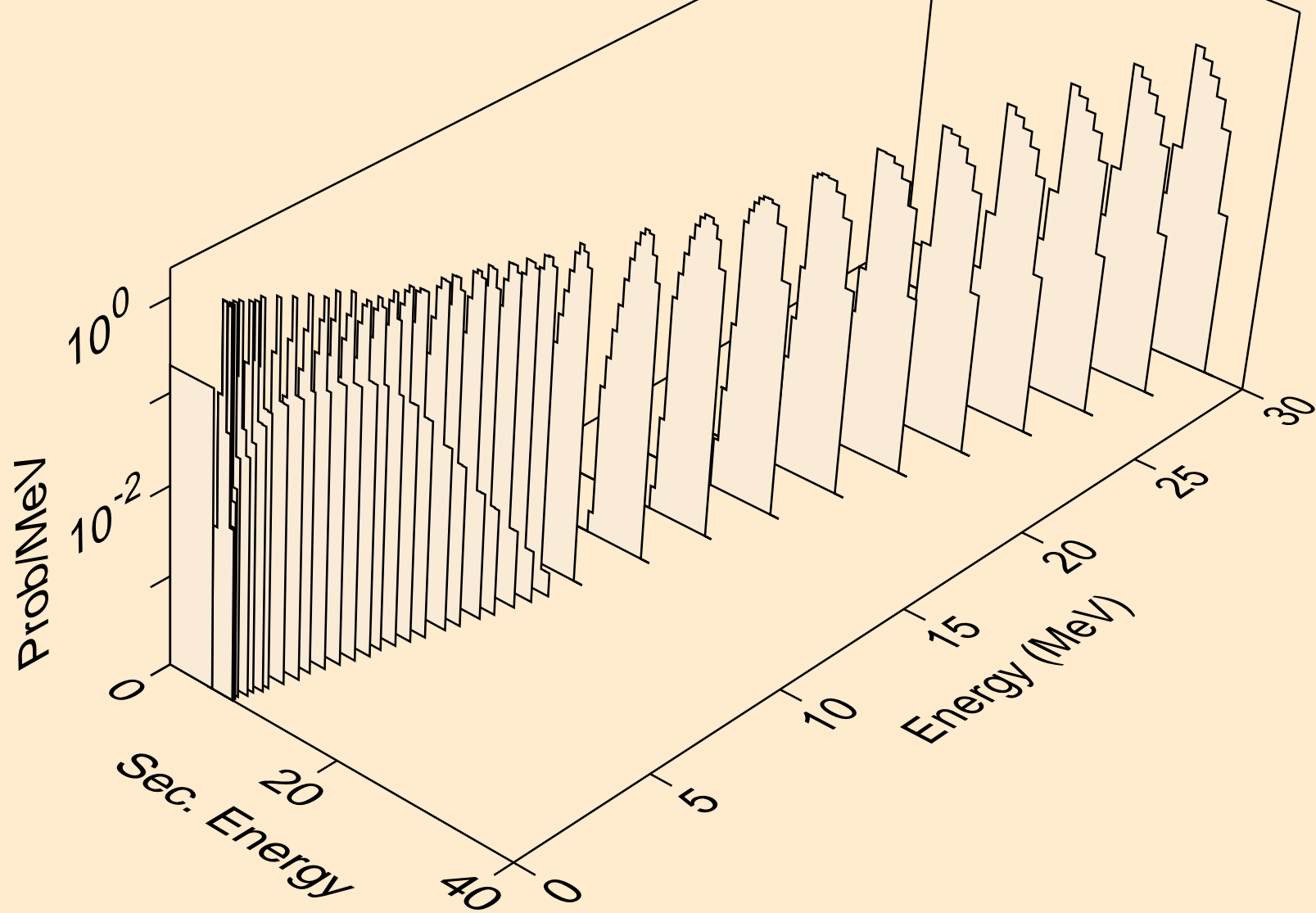
LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)



LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



LU178M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)

