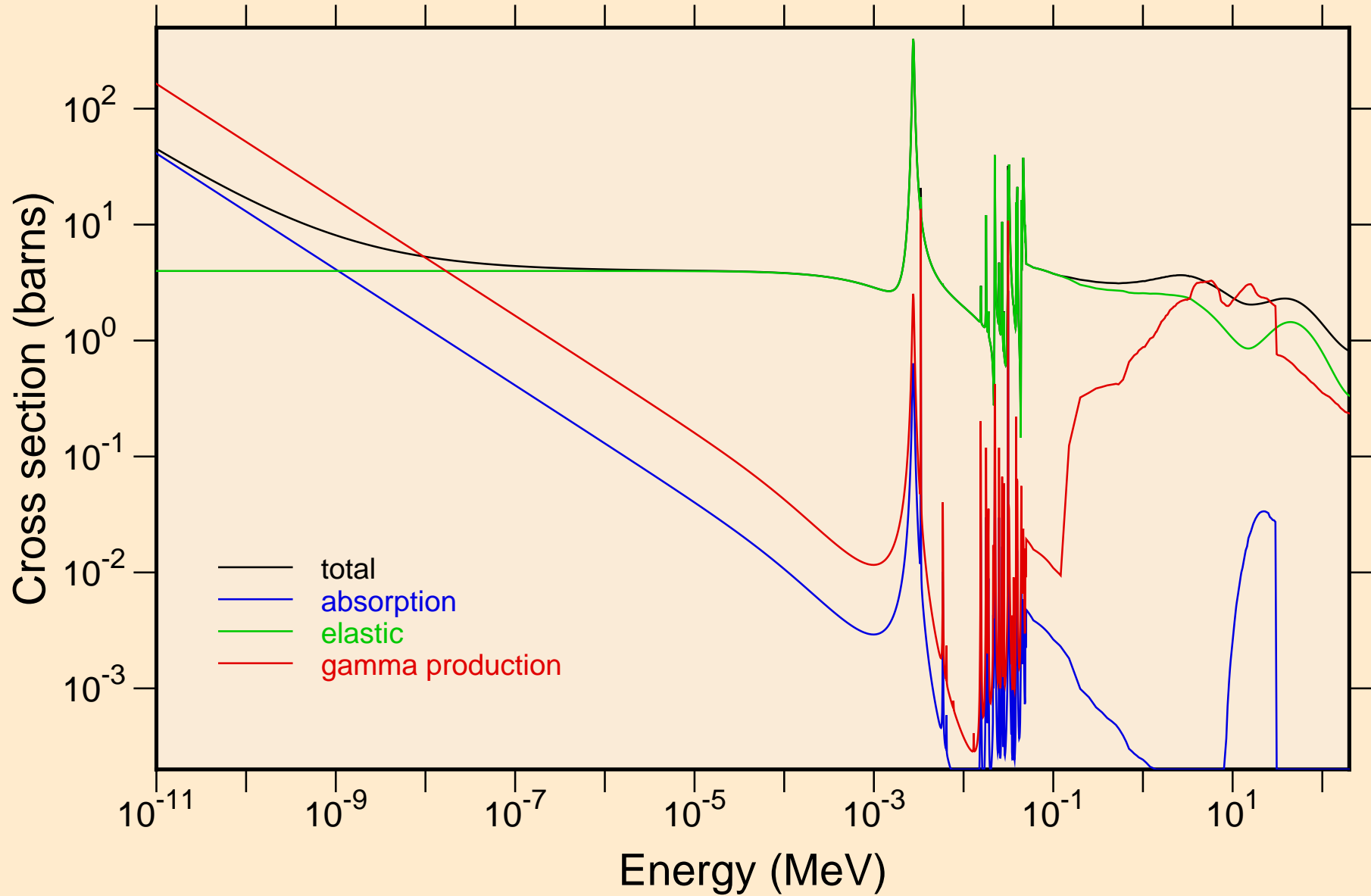
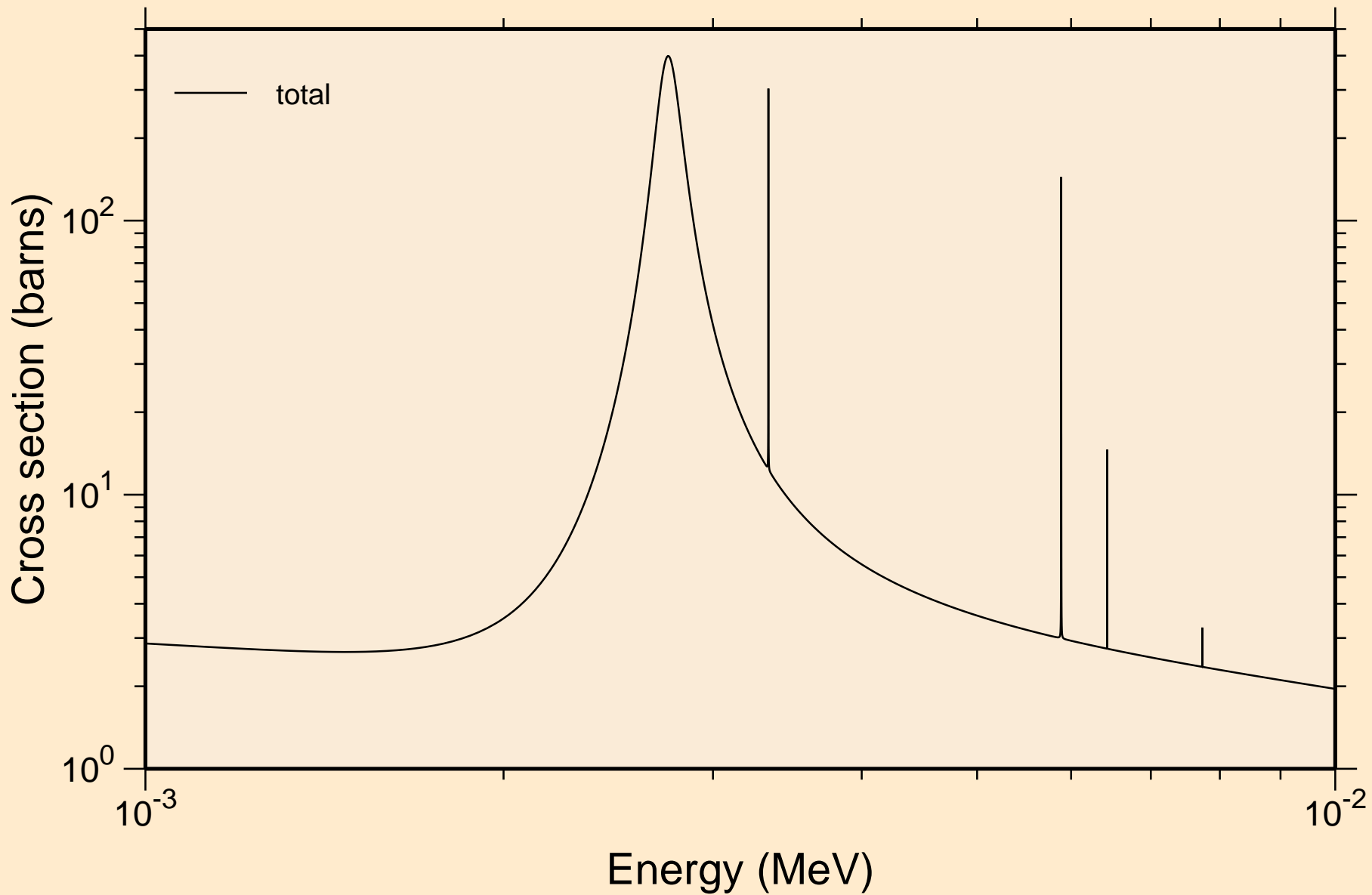


# CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

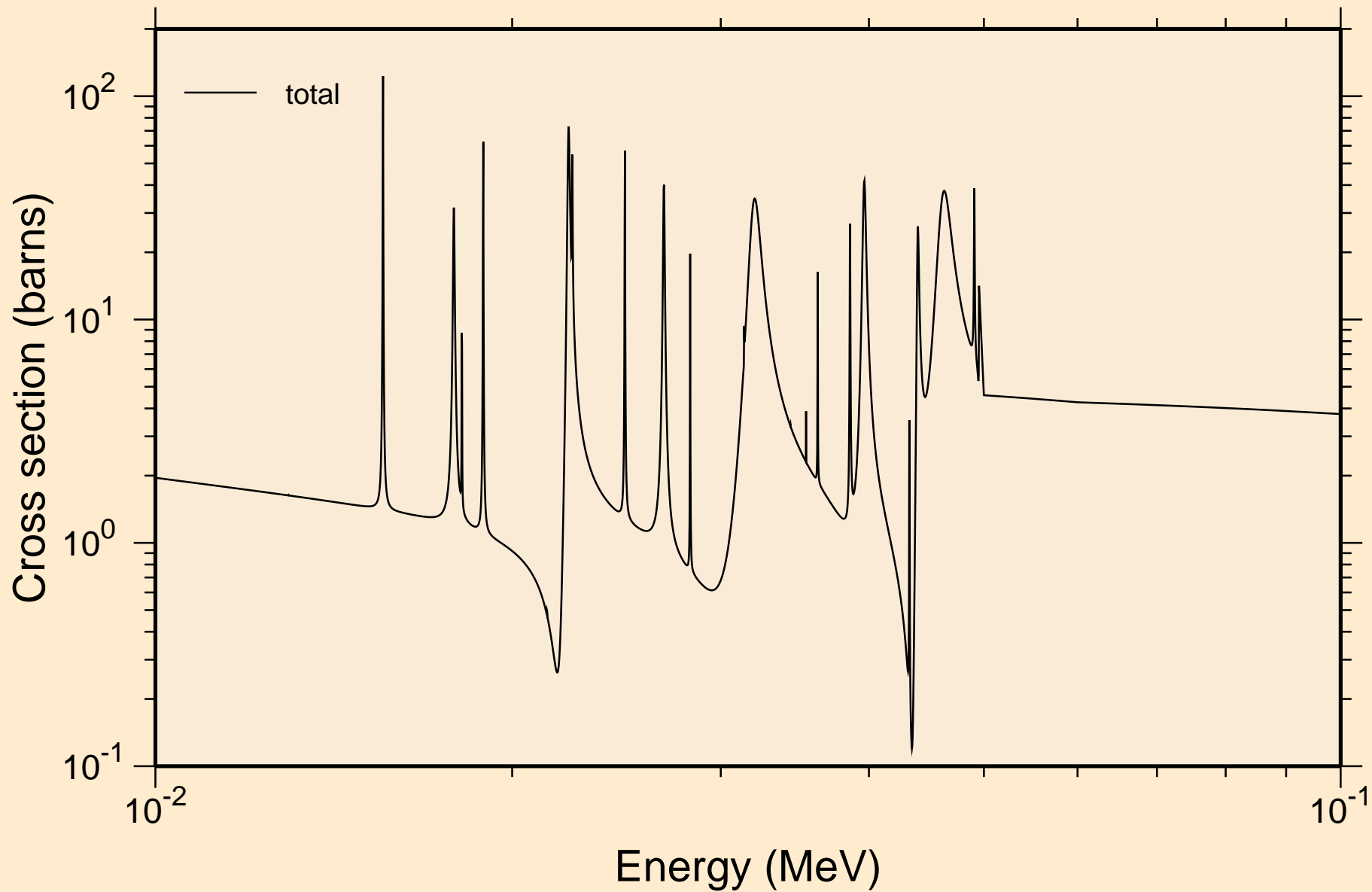
## Principal cross sections



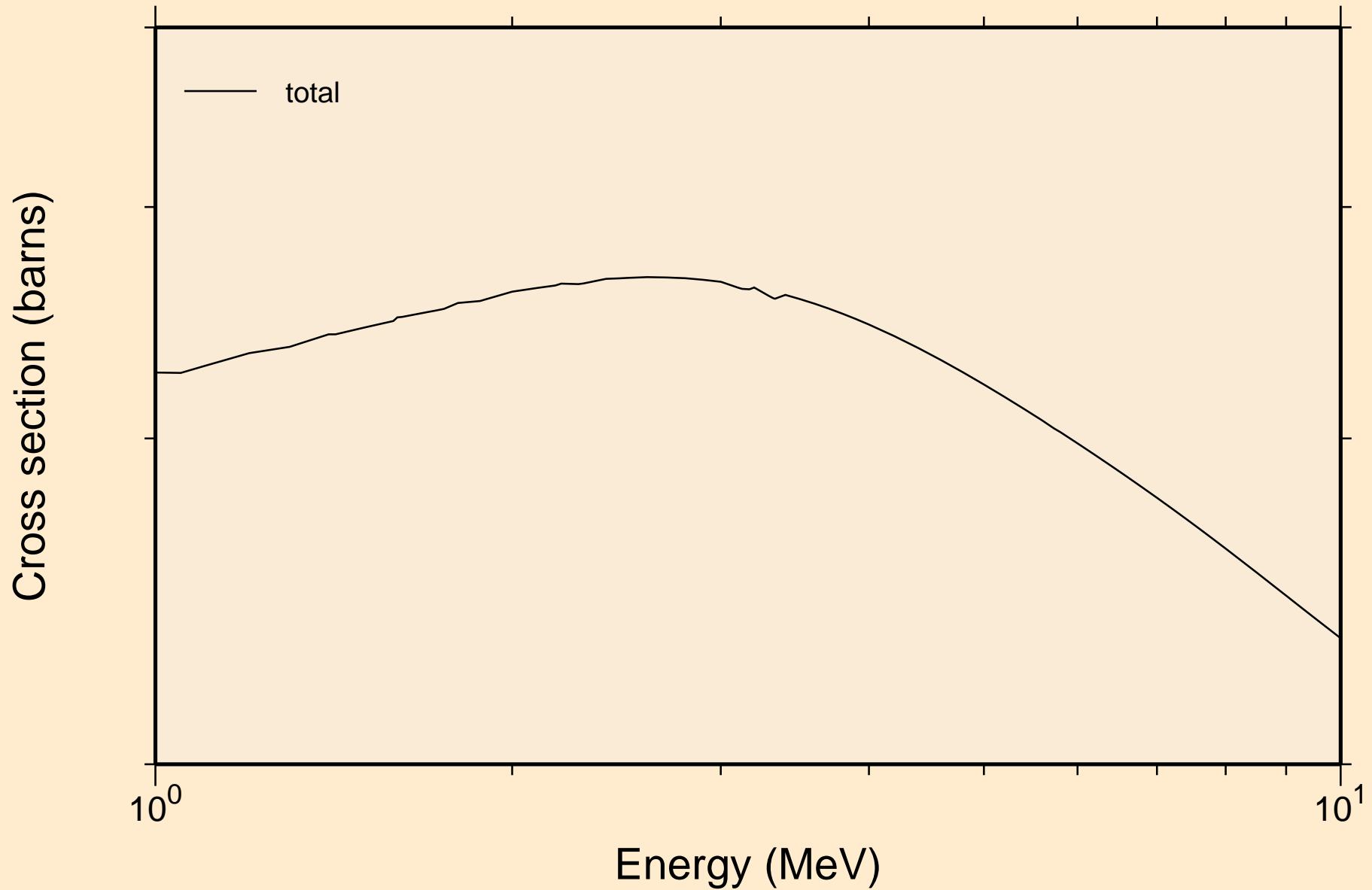
CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



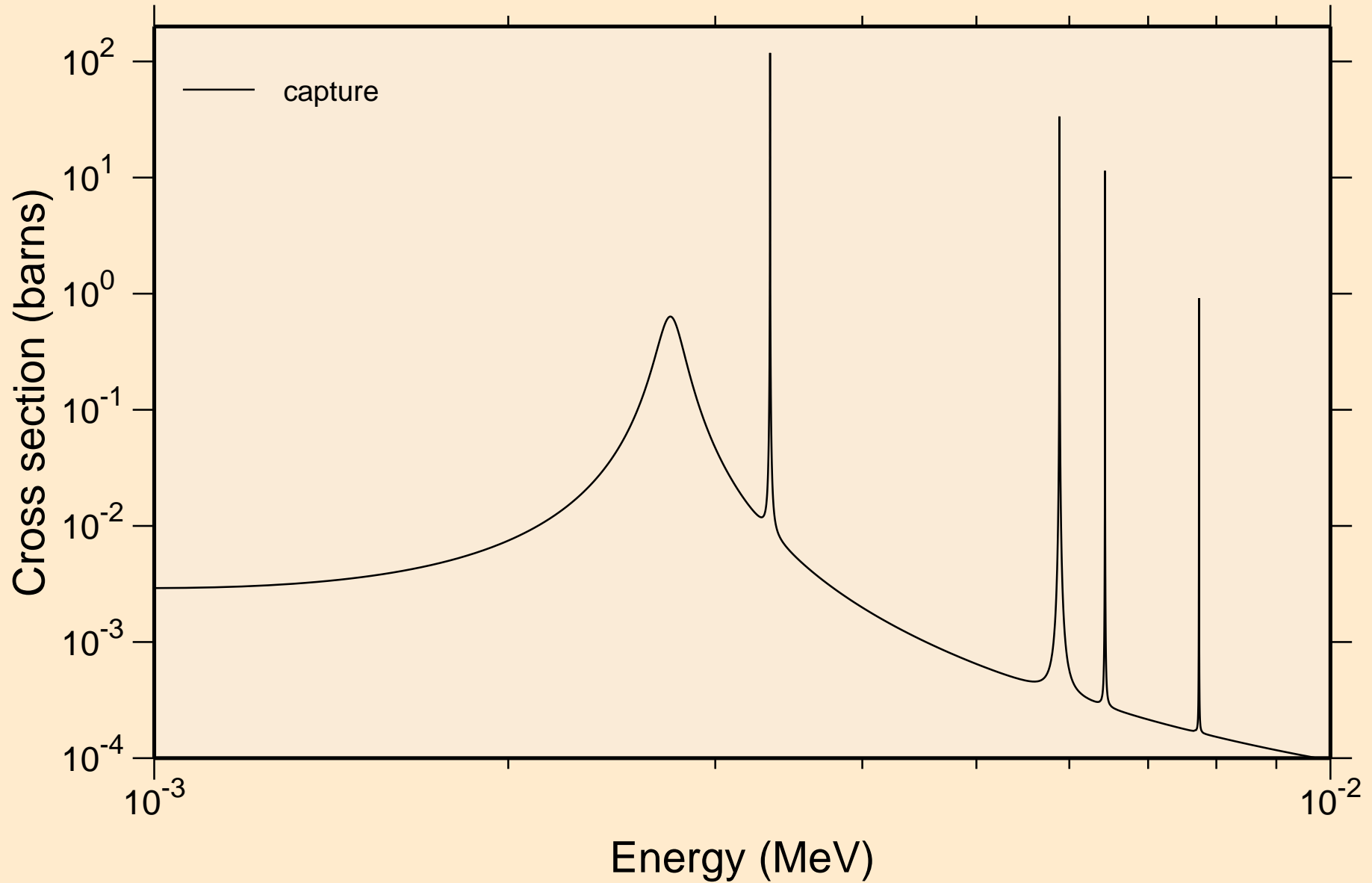
CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



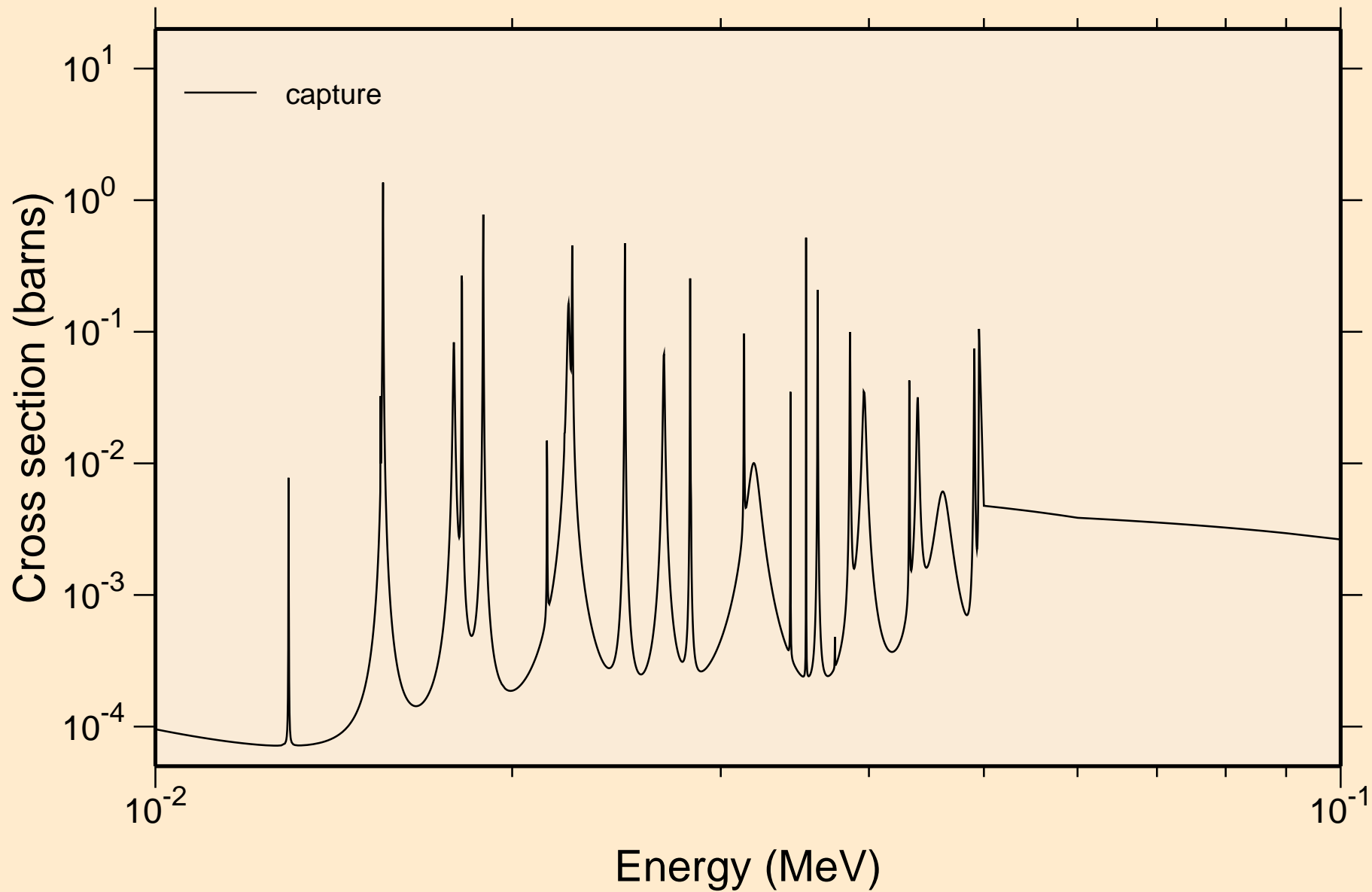
CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



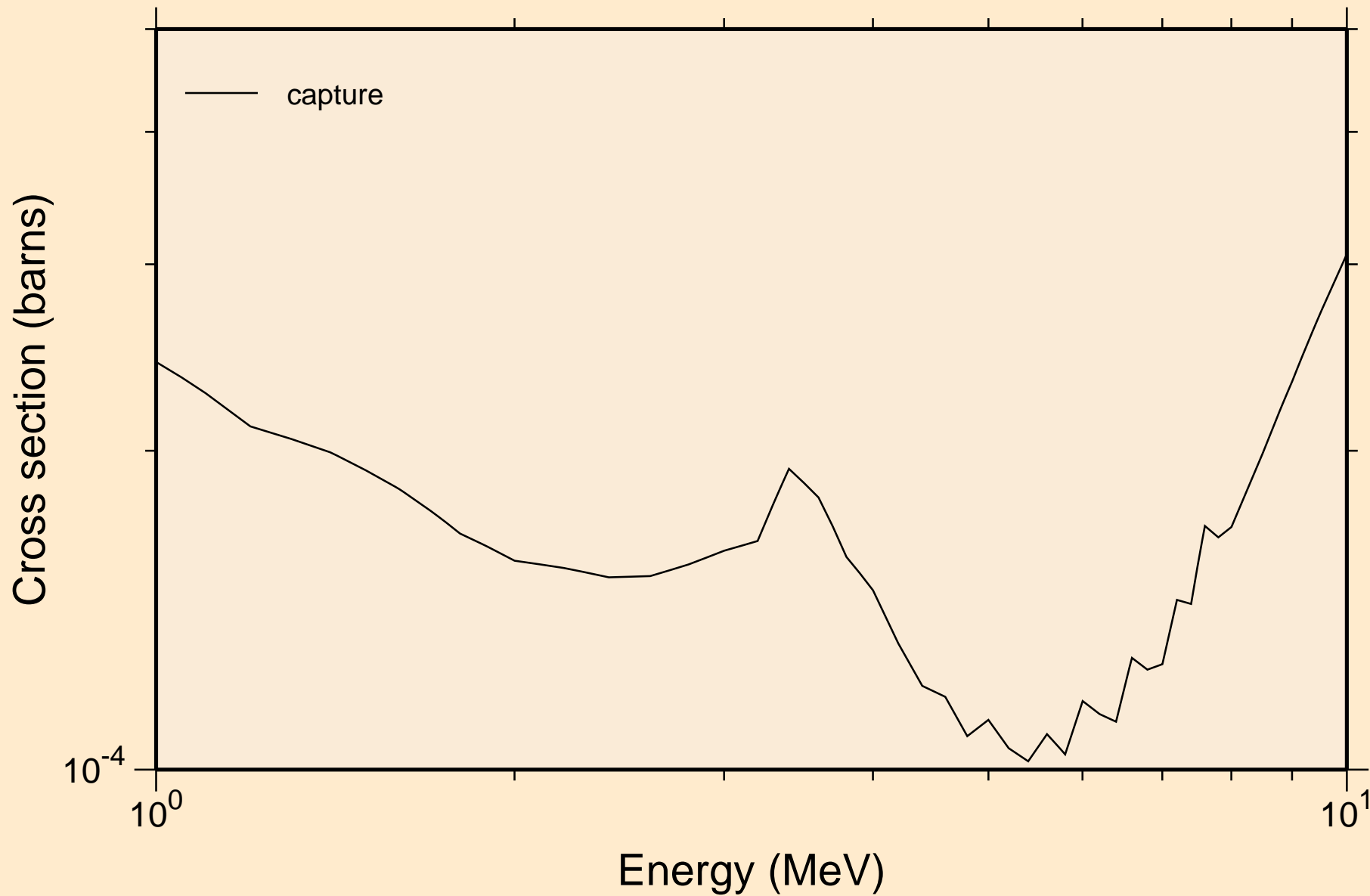
CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



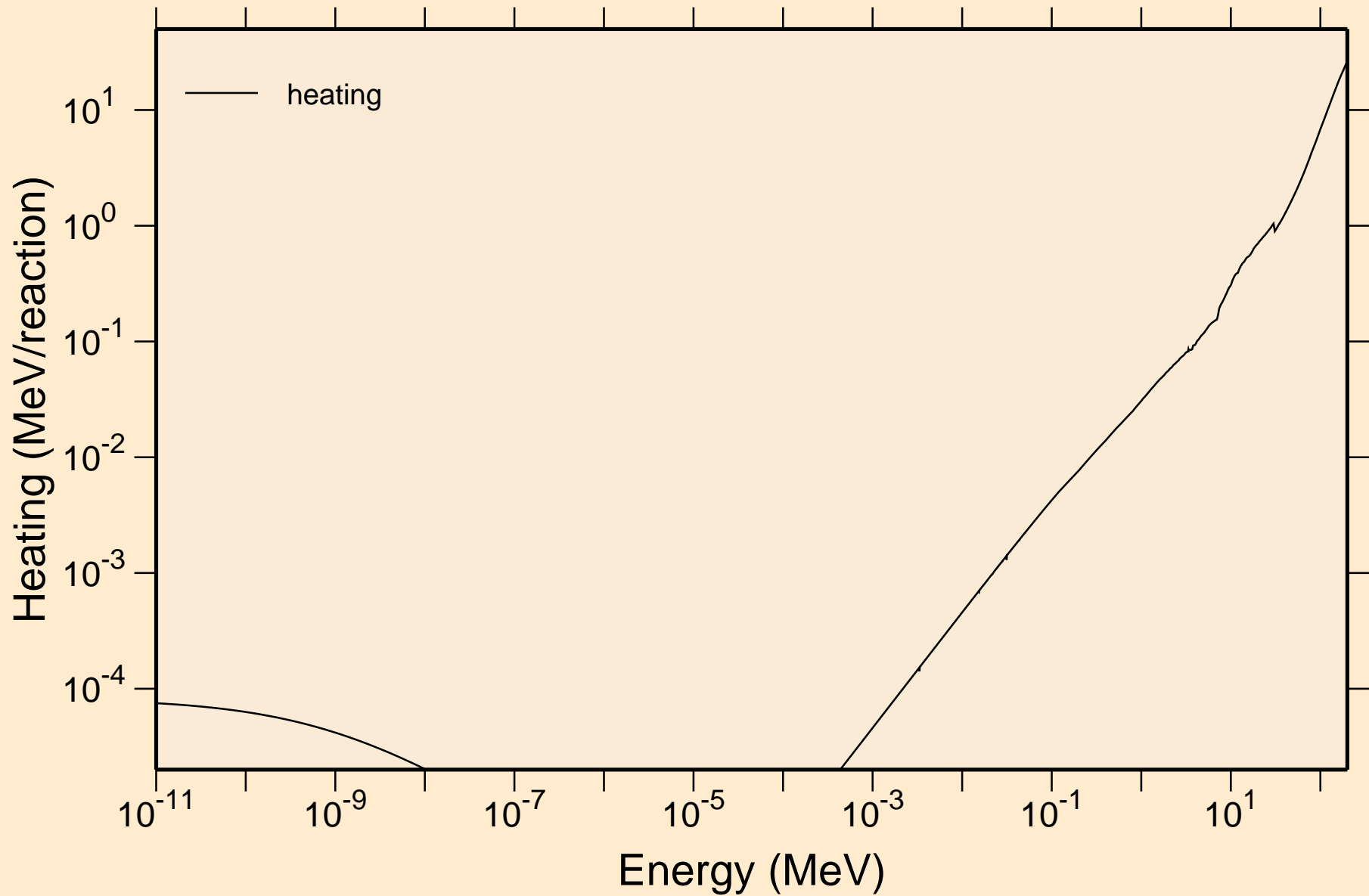
CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

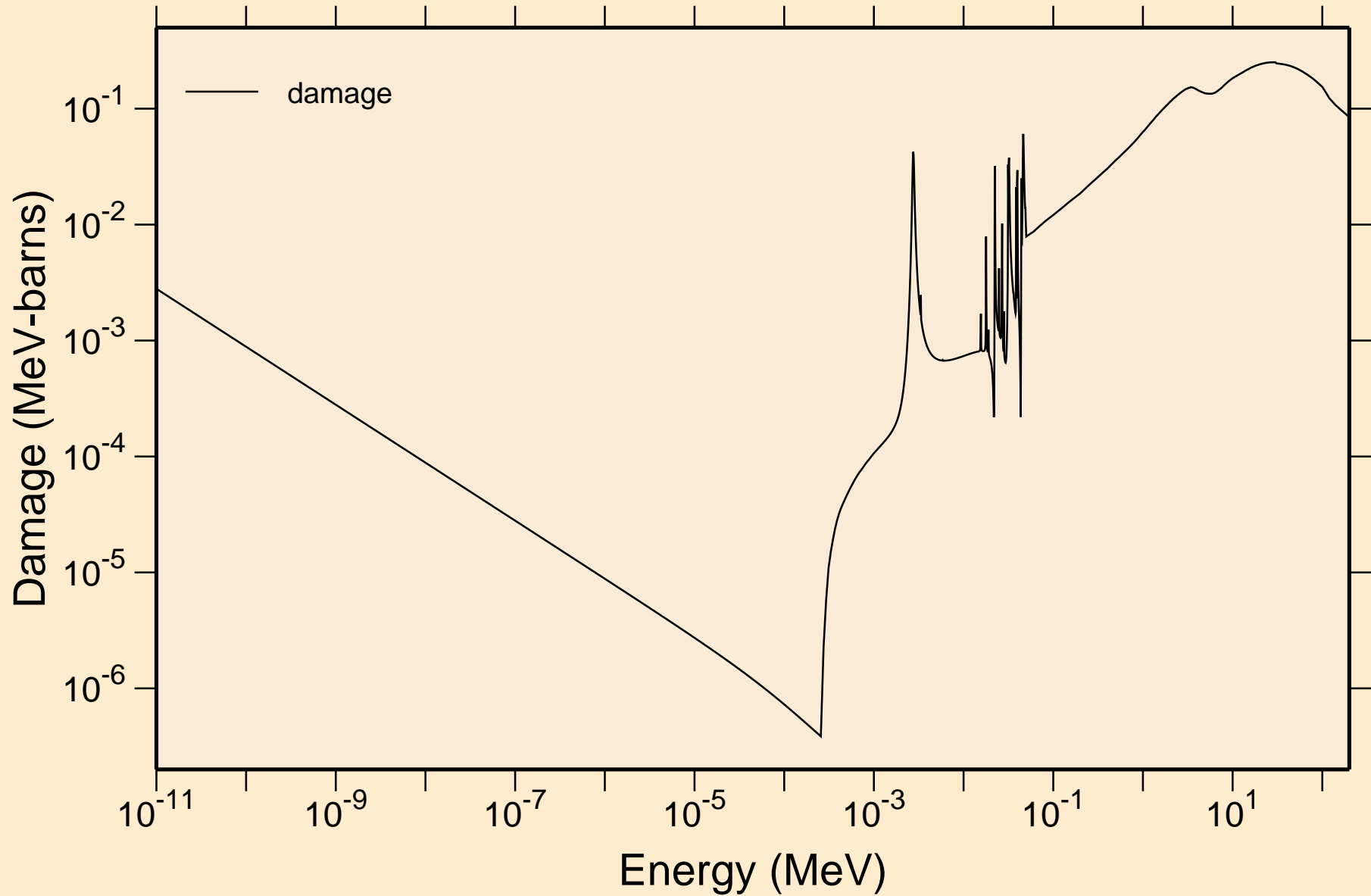


CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Heating

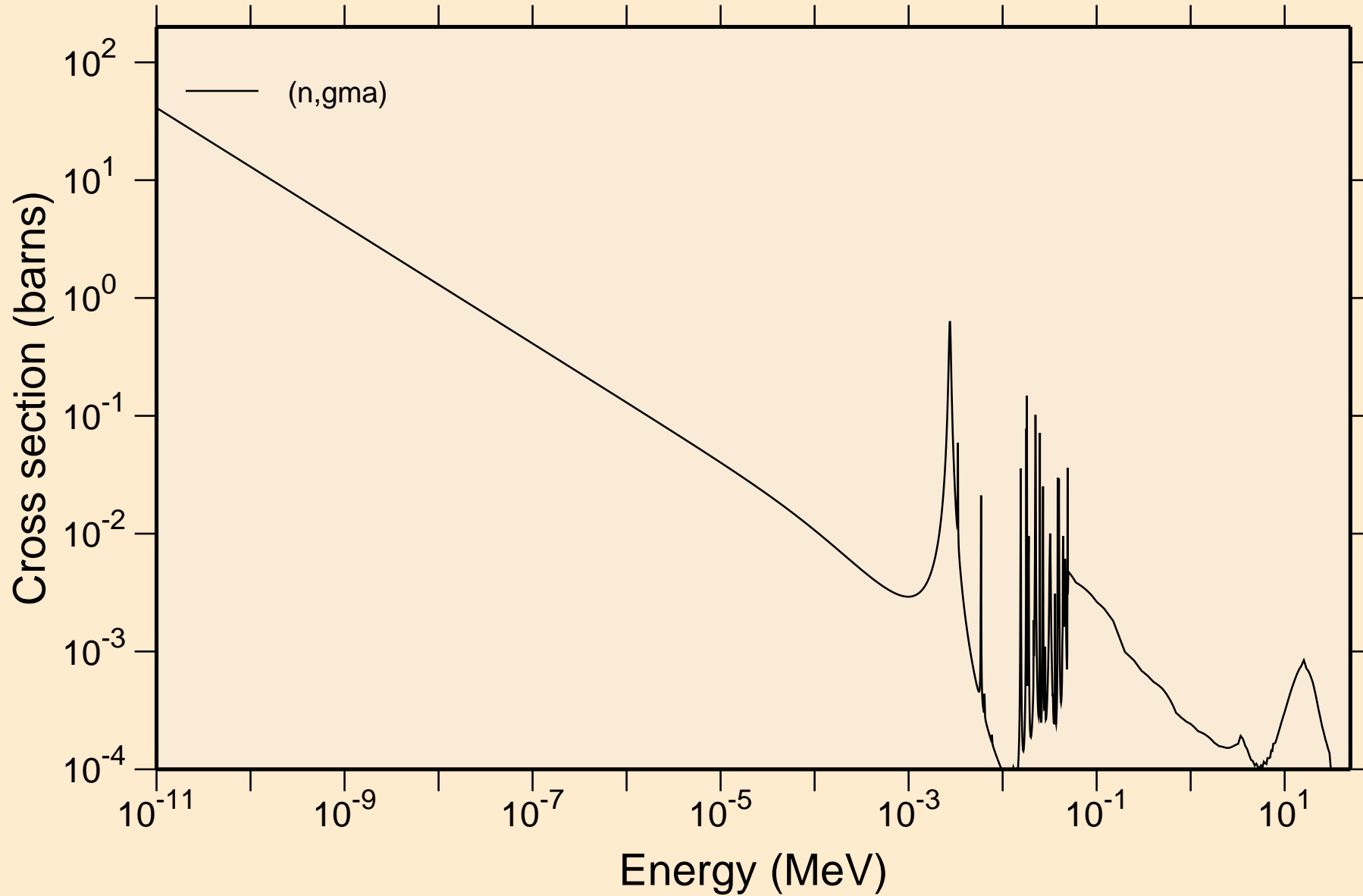




CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage

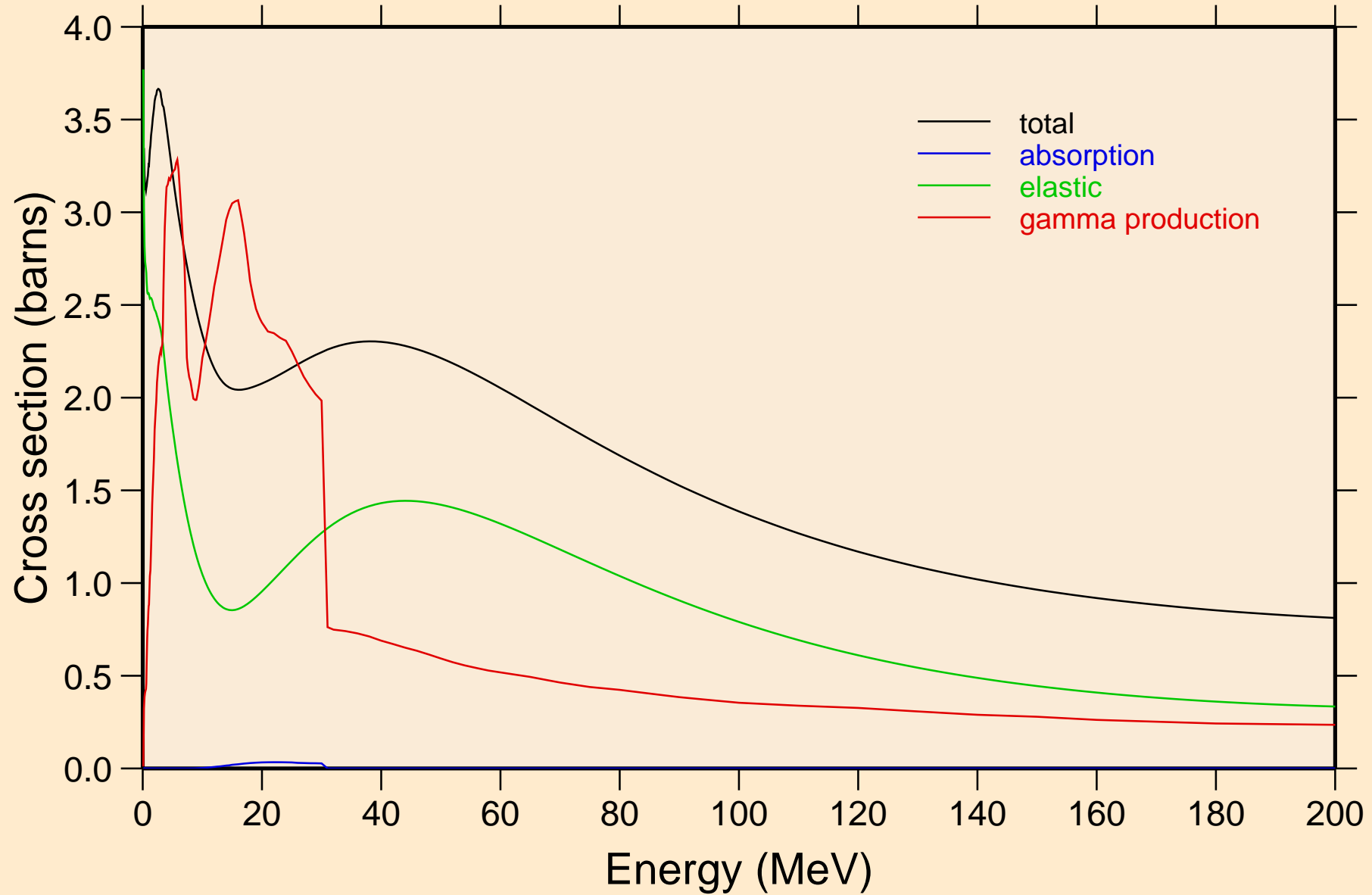


CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



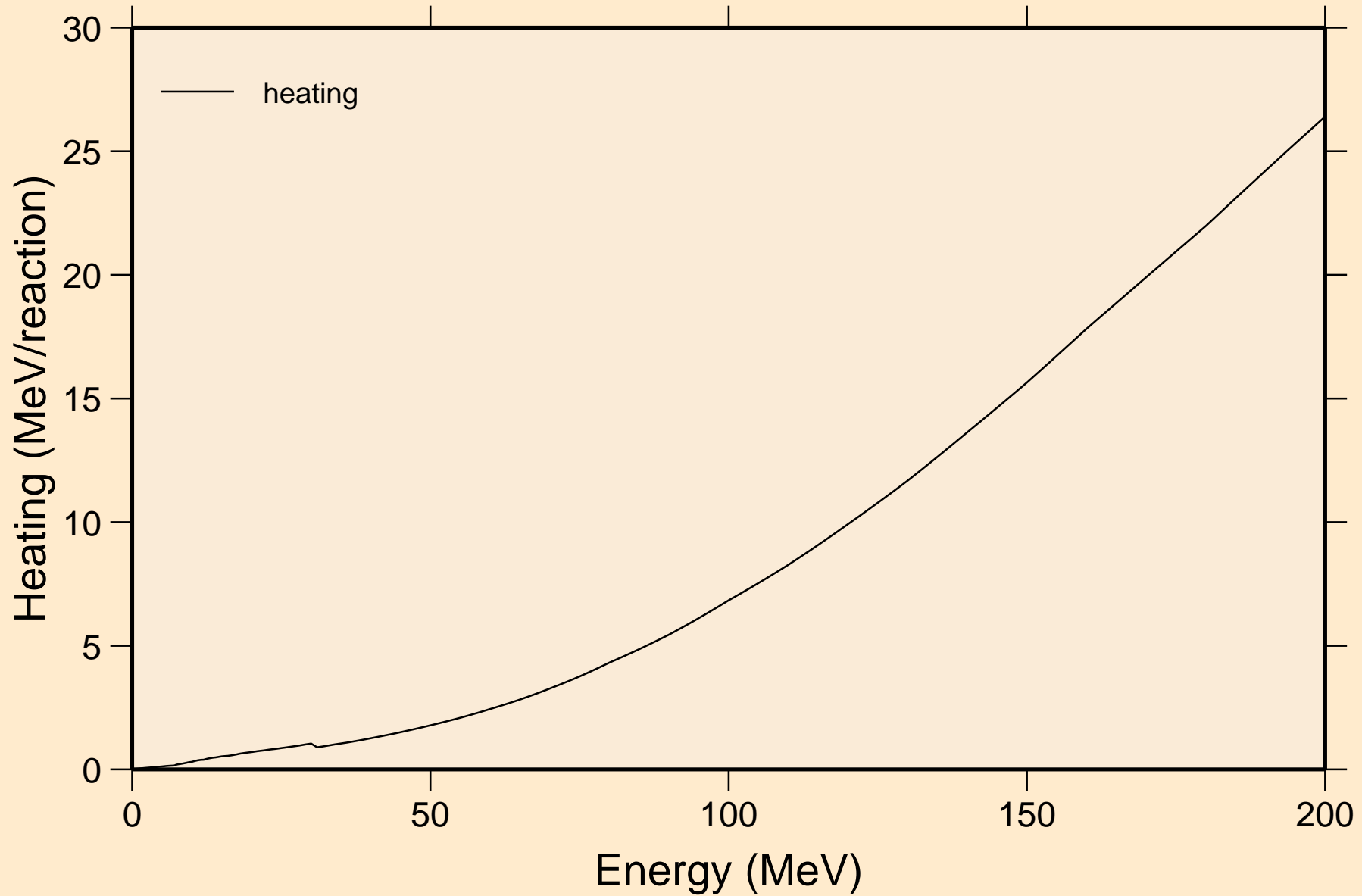
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## Principal cross sections

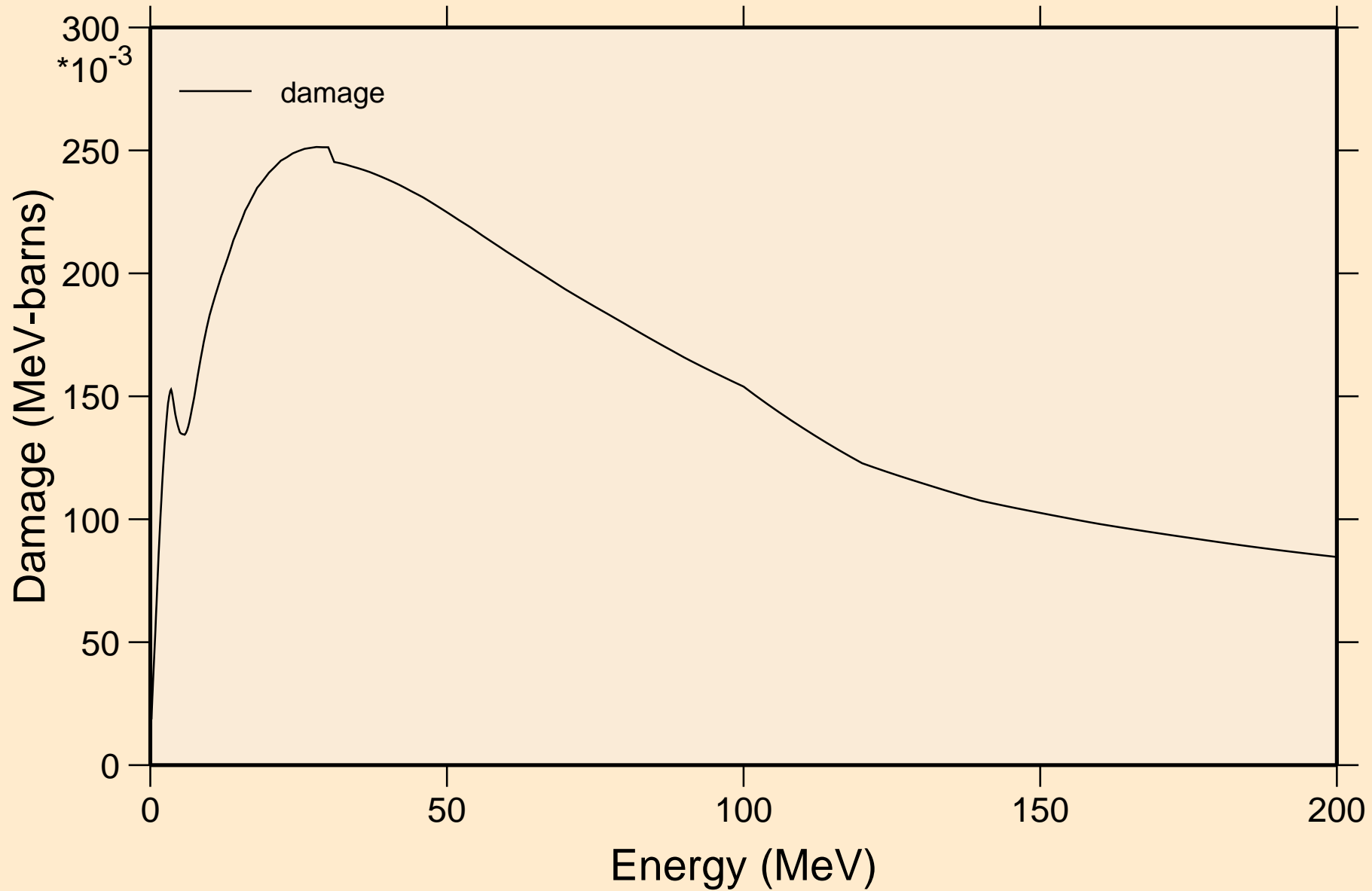


# CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

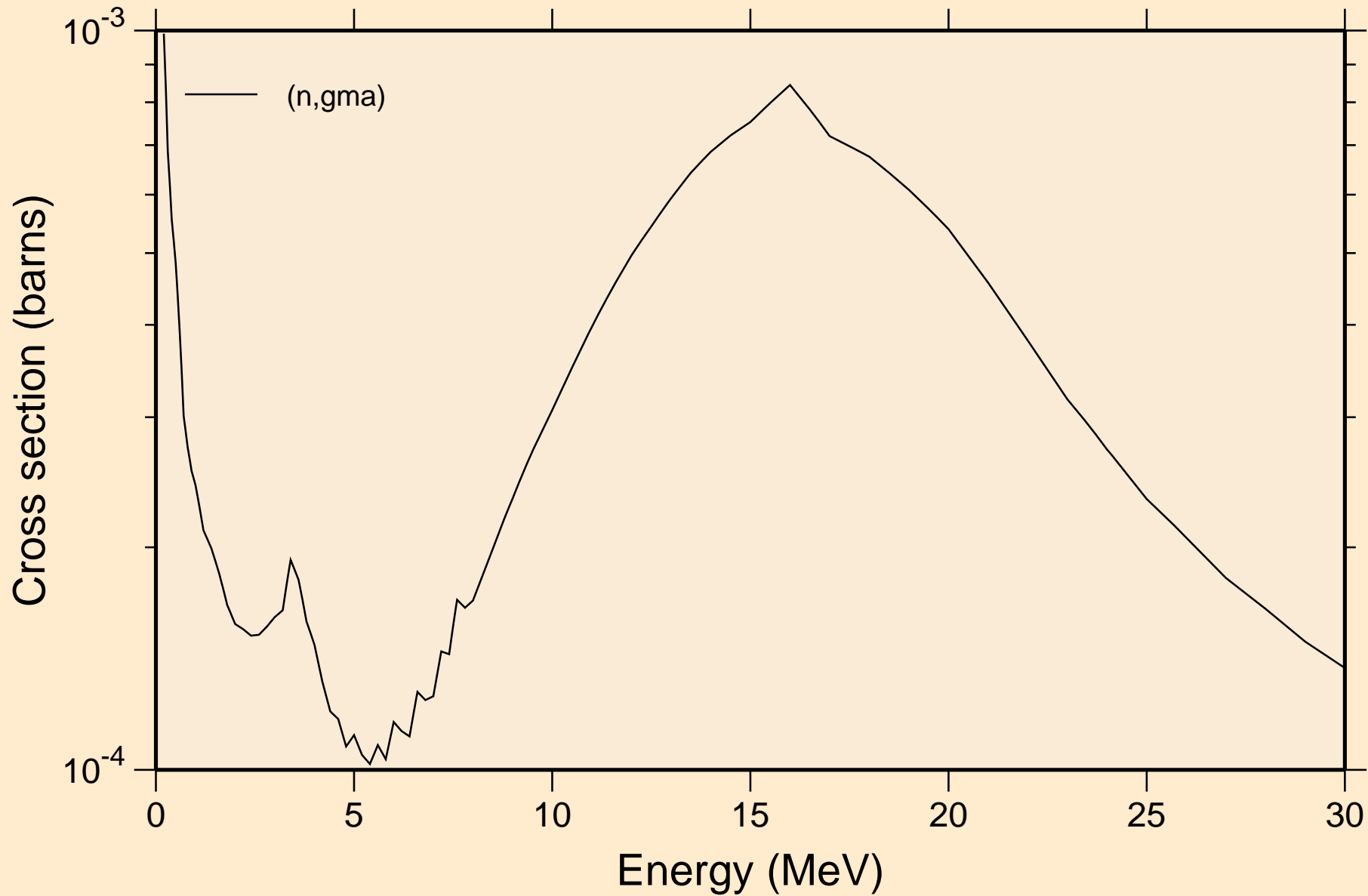
## Heating



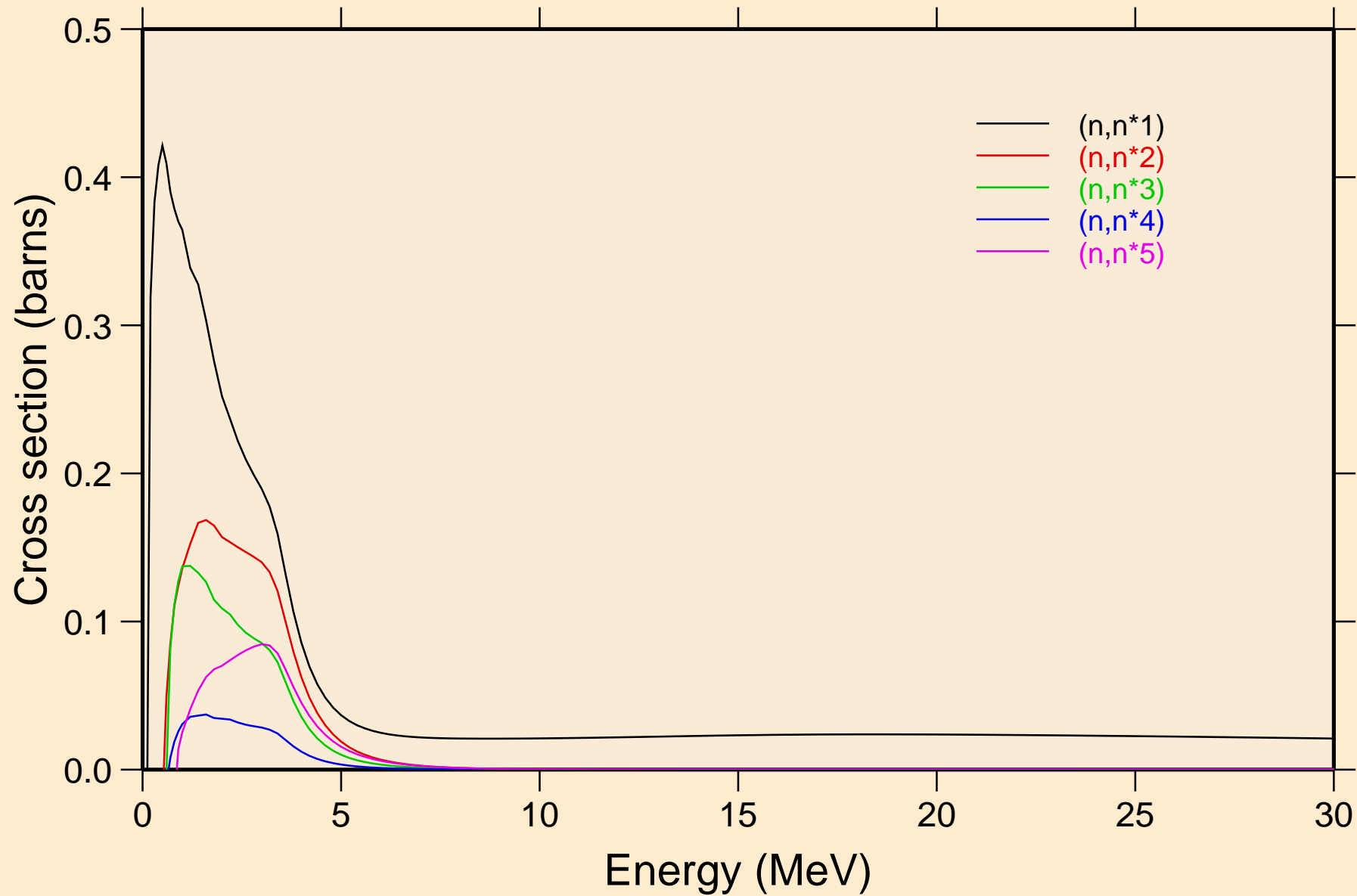
CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



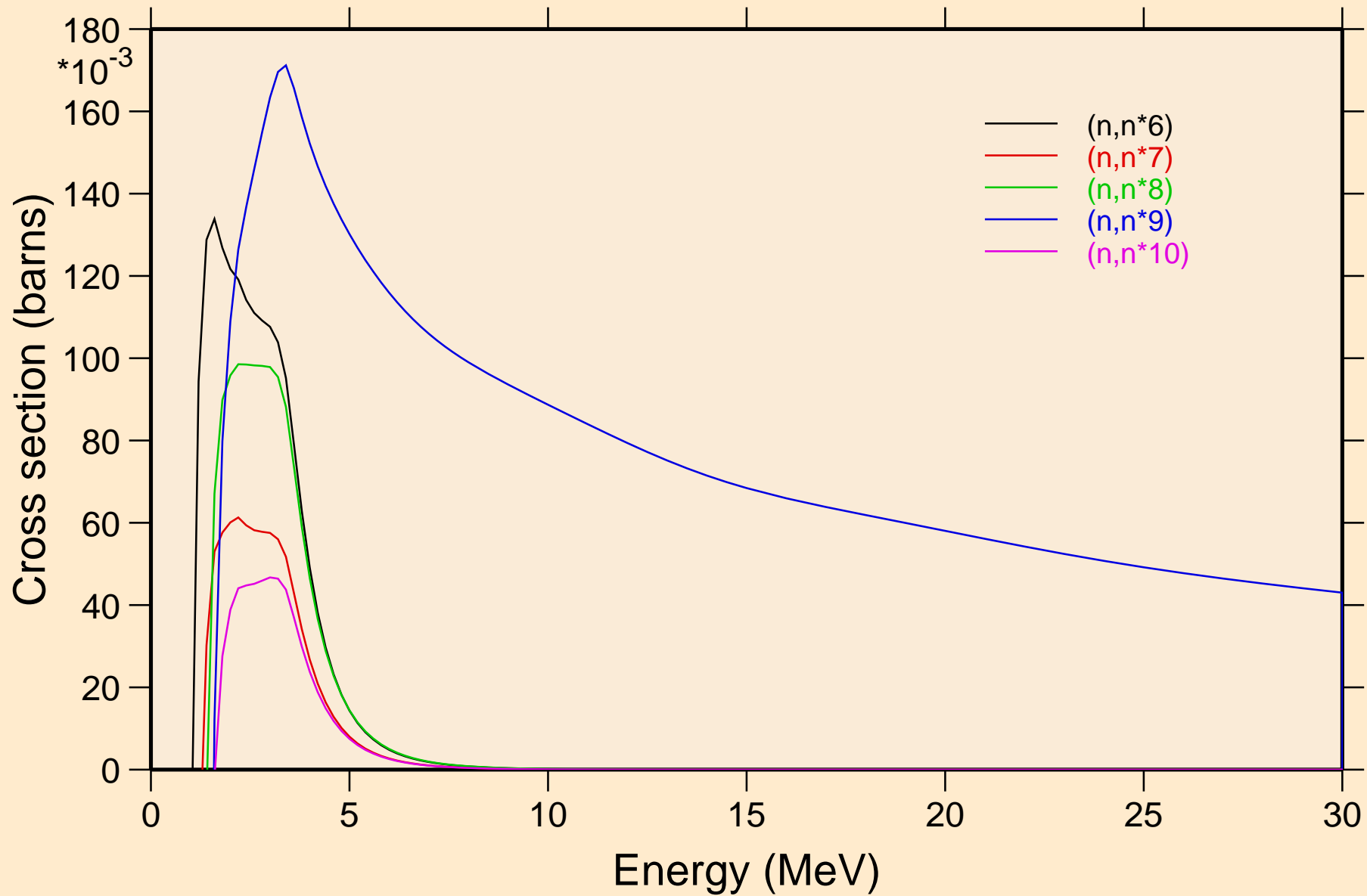
CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

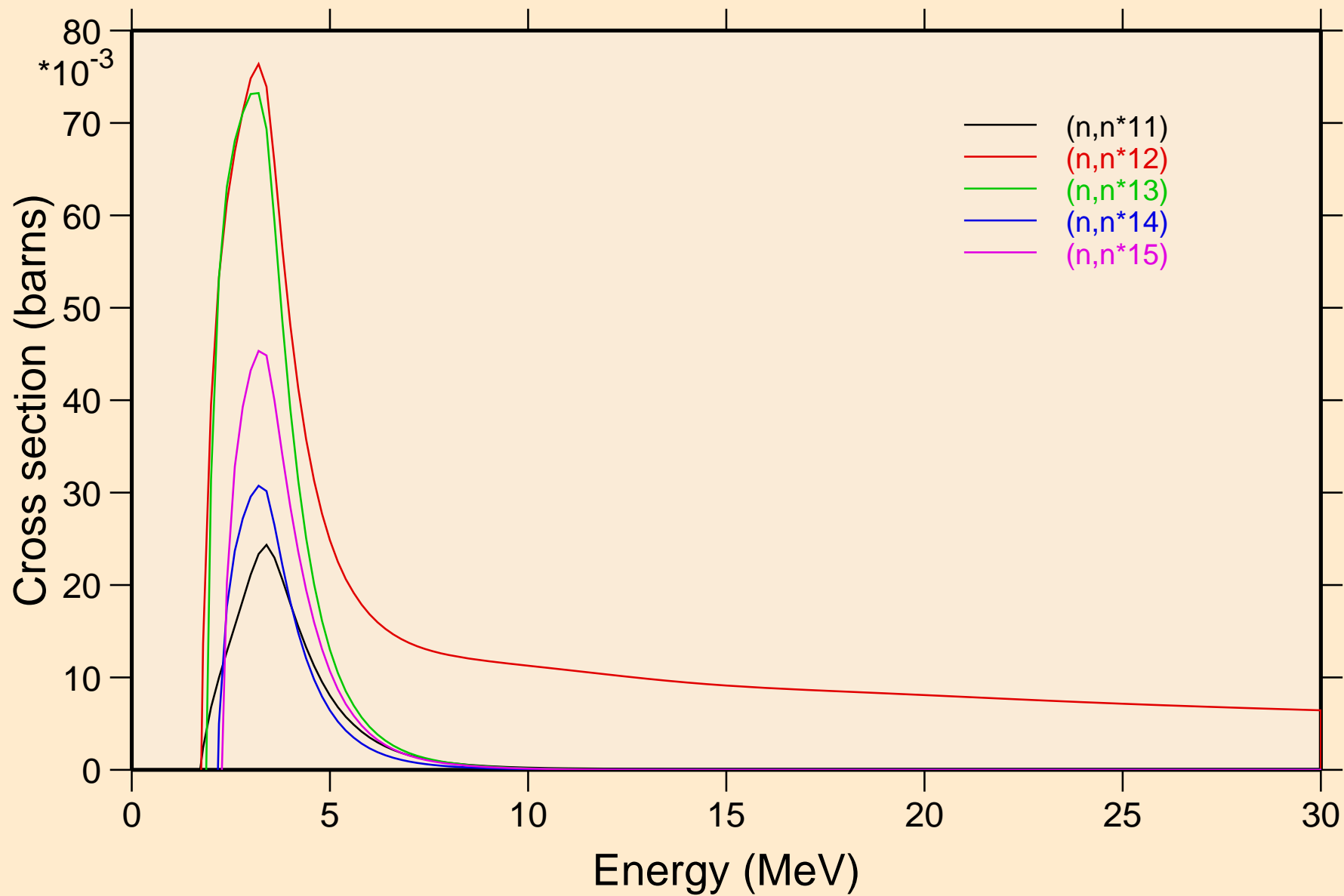


CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

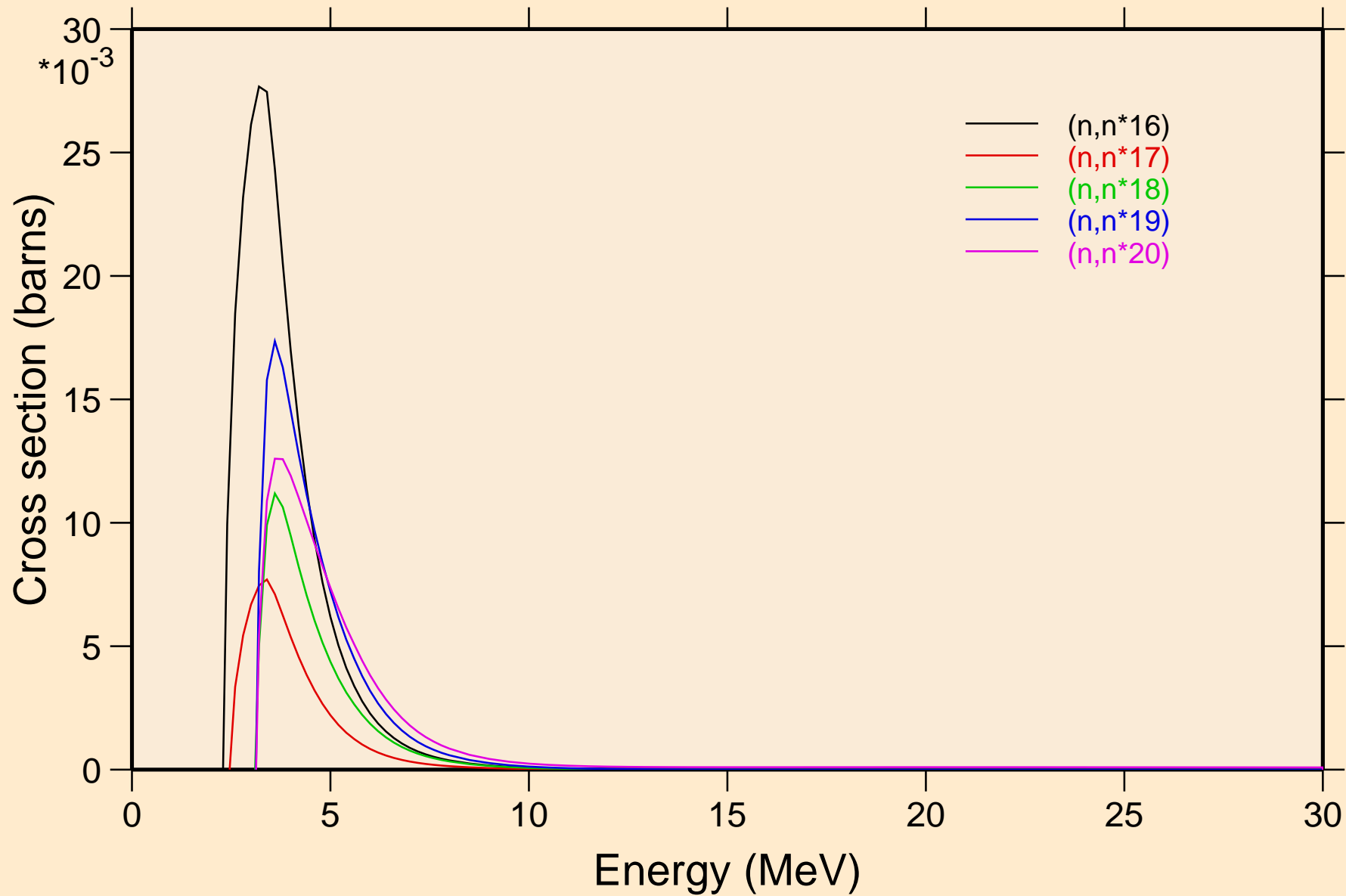




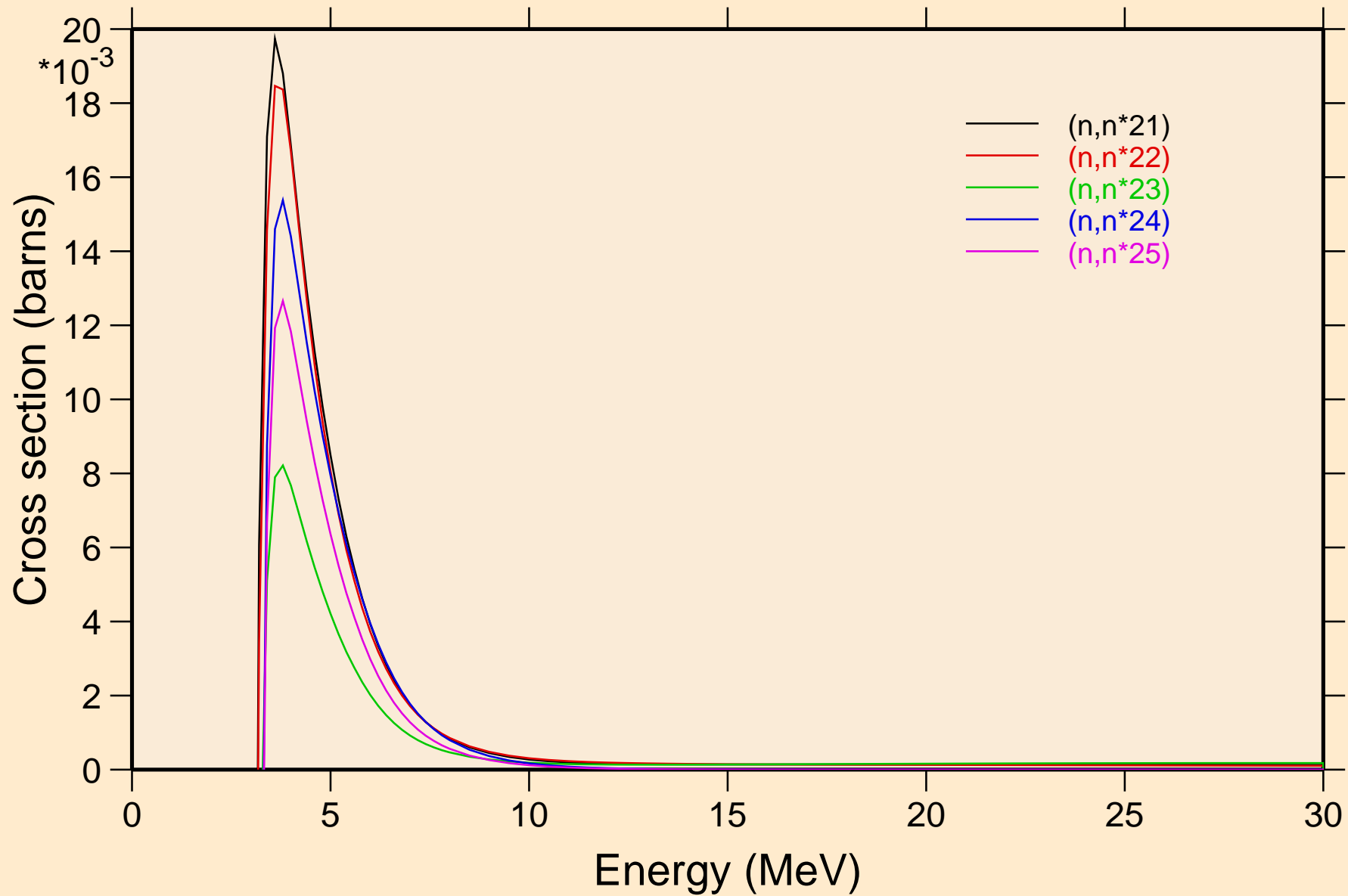
CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



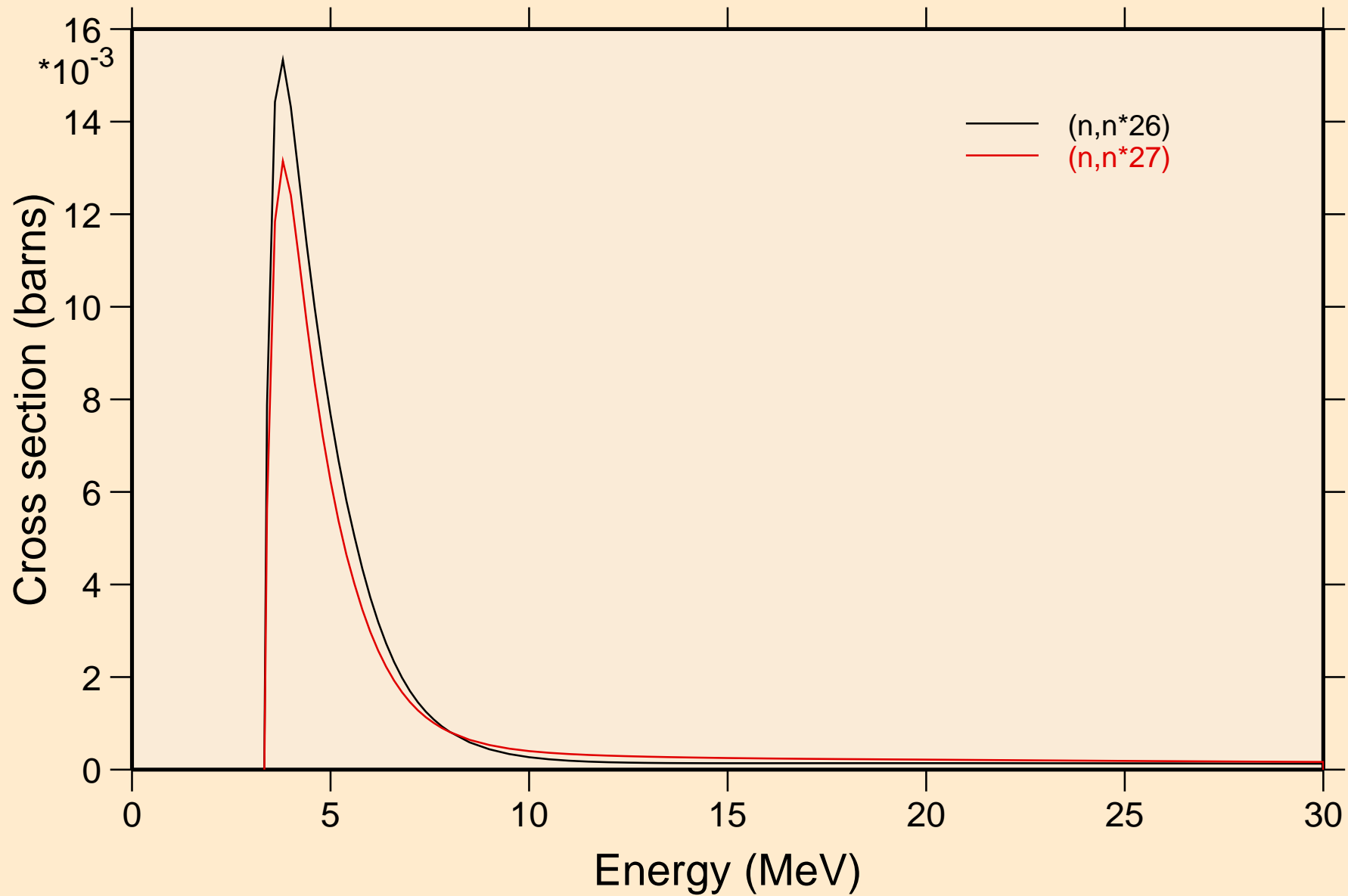
CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

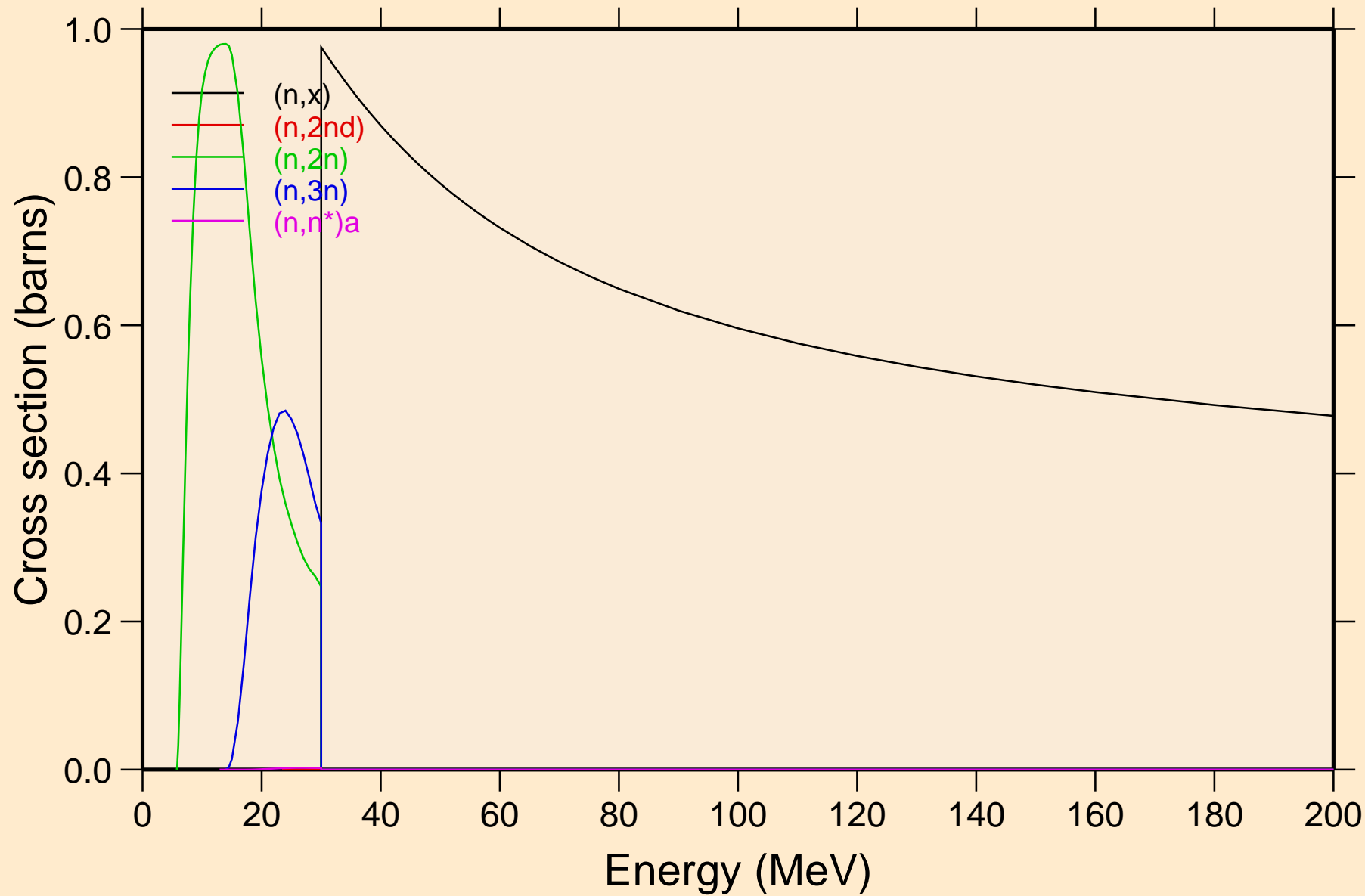


CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

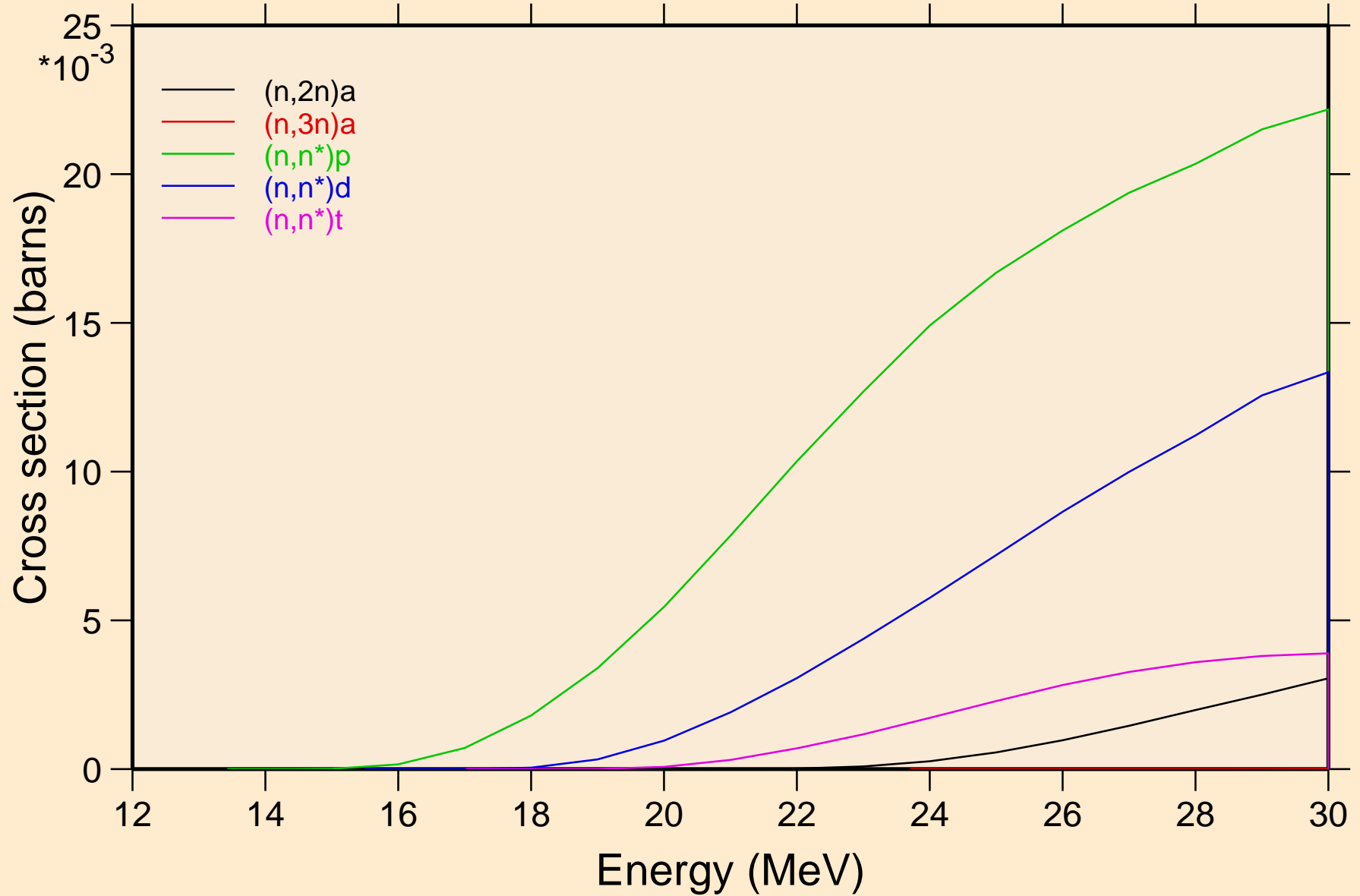


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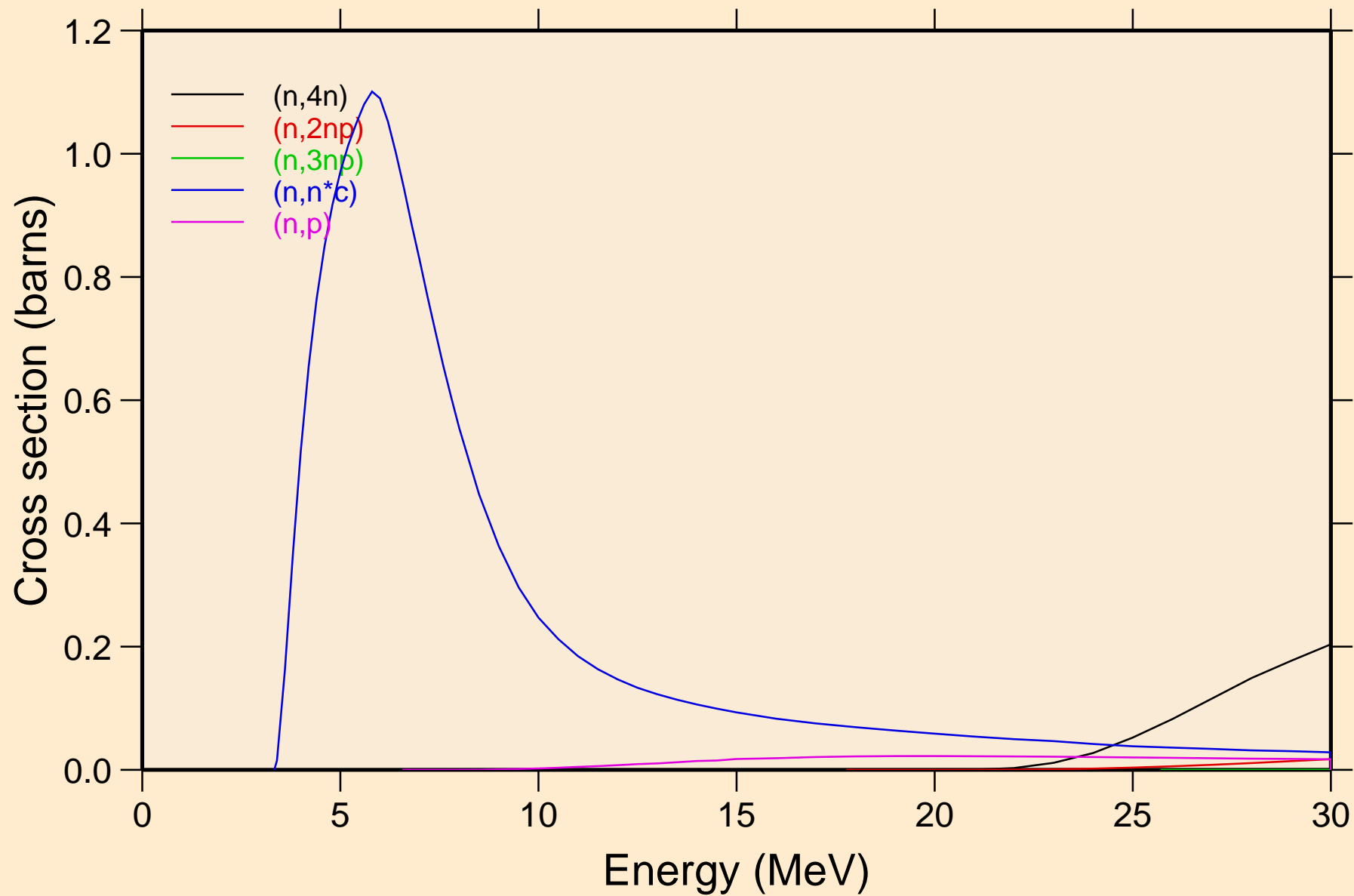
## Threshold reactions



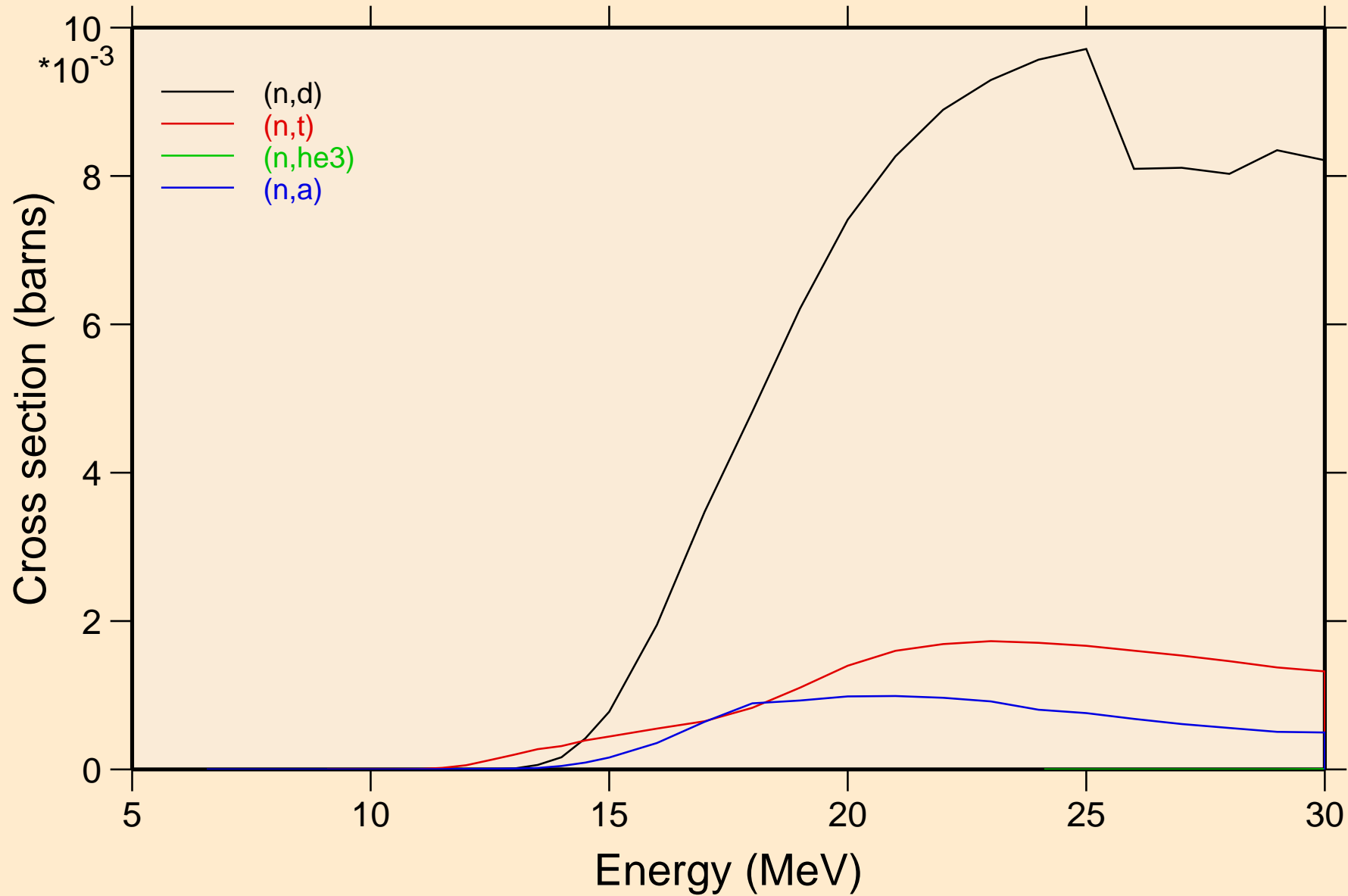
CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



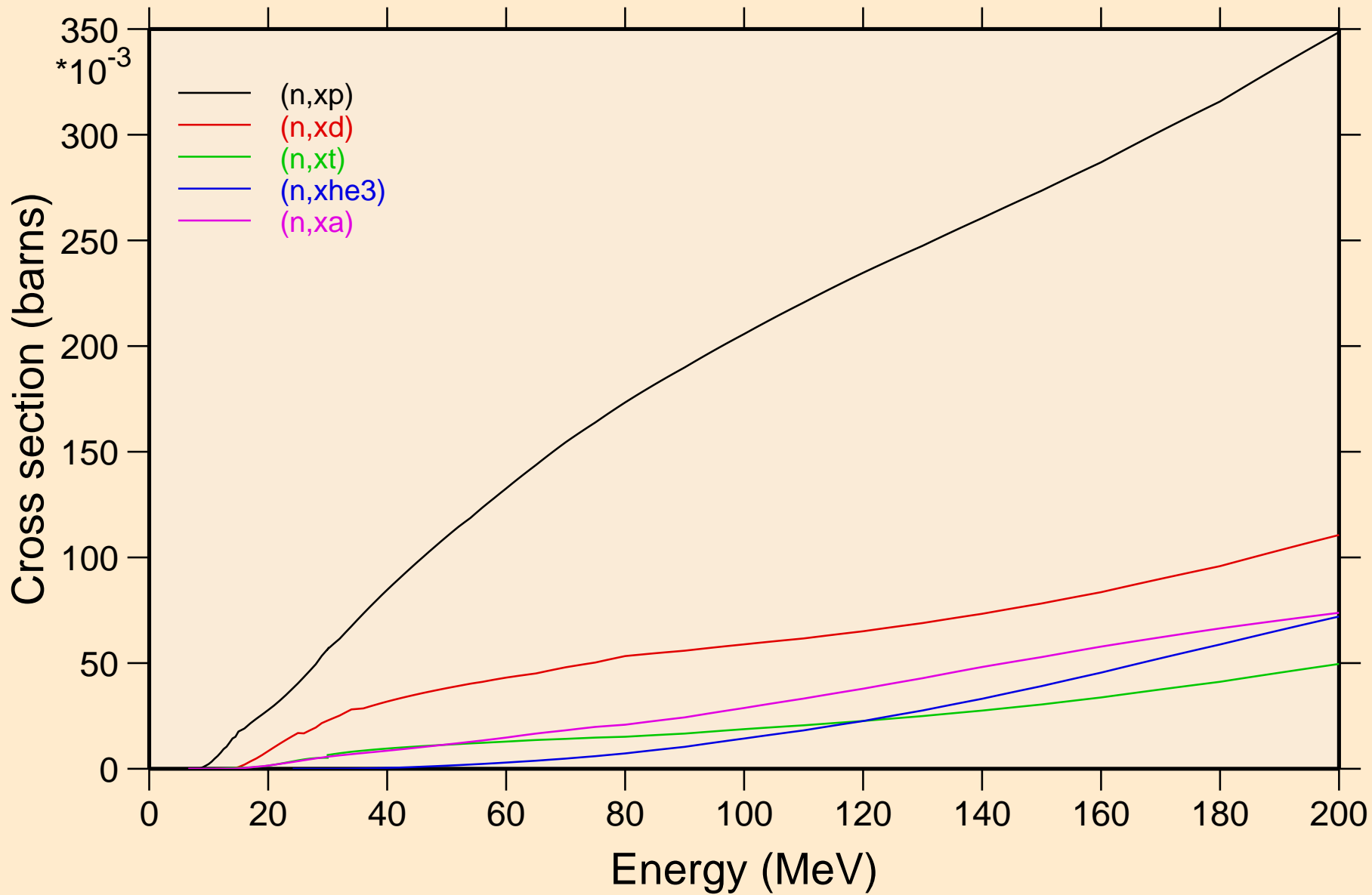
CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



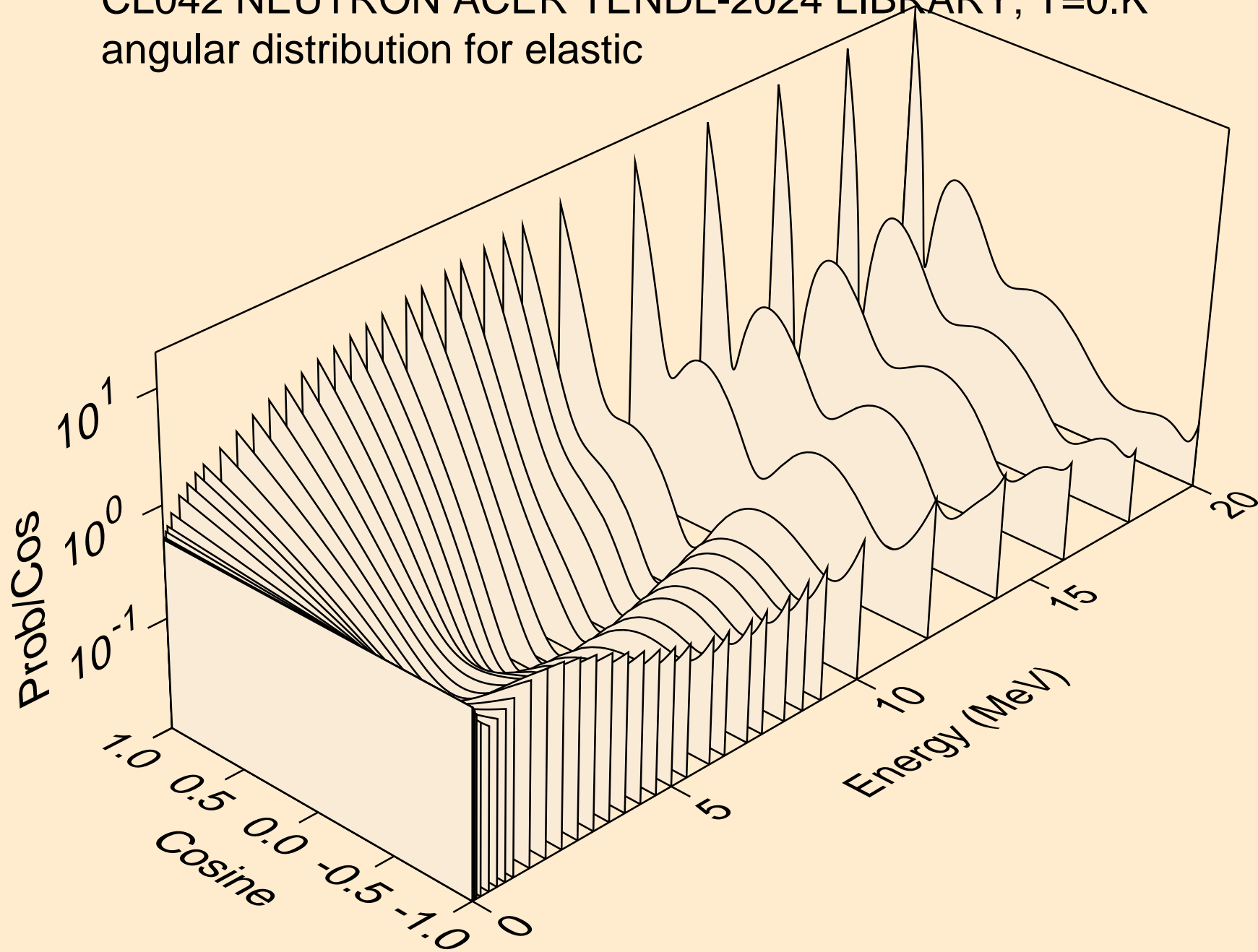


# CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

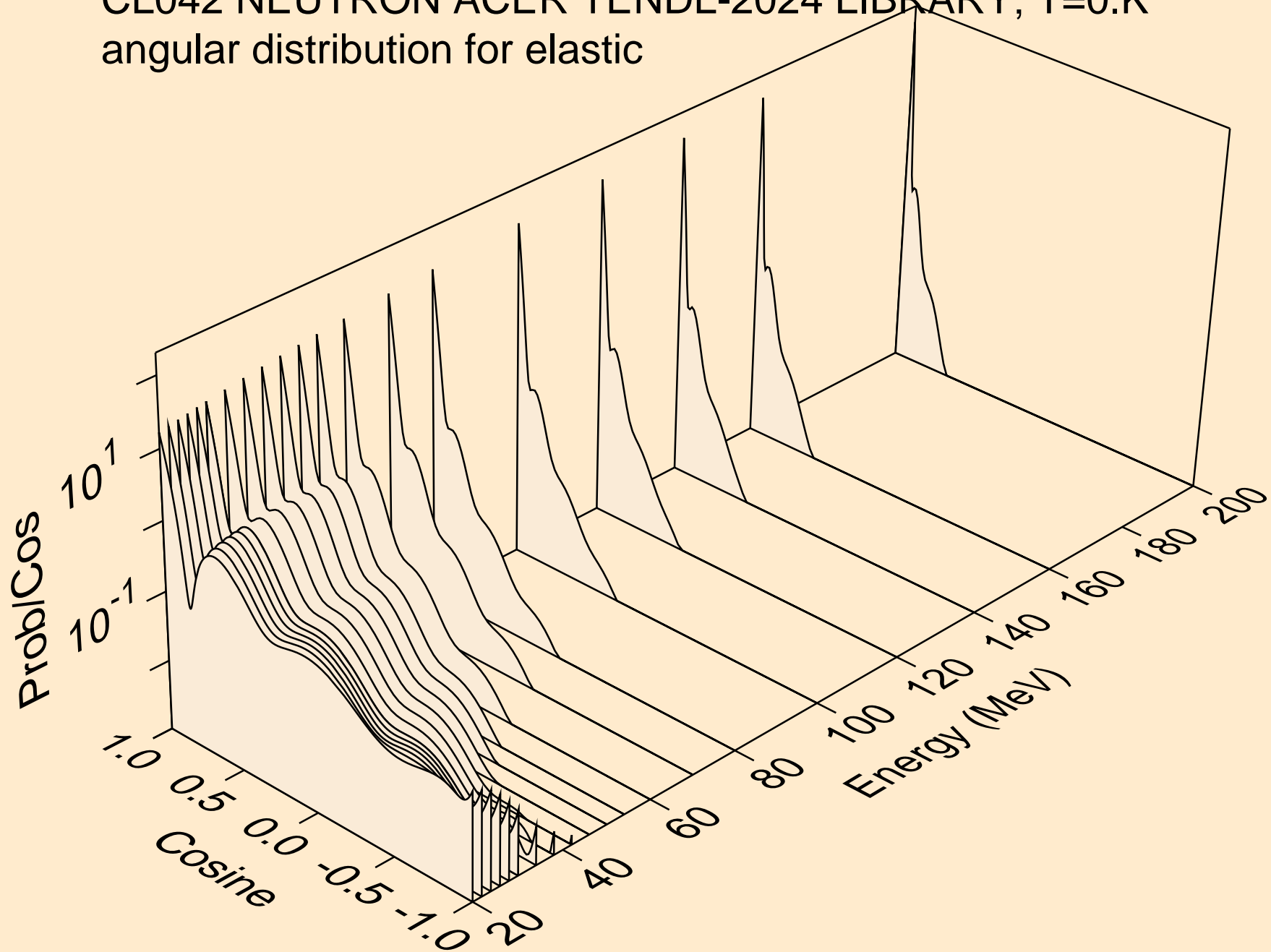
## Threshold reactions



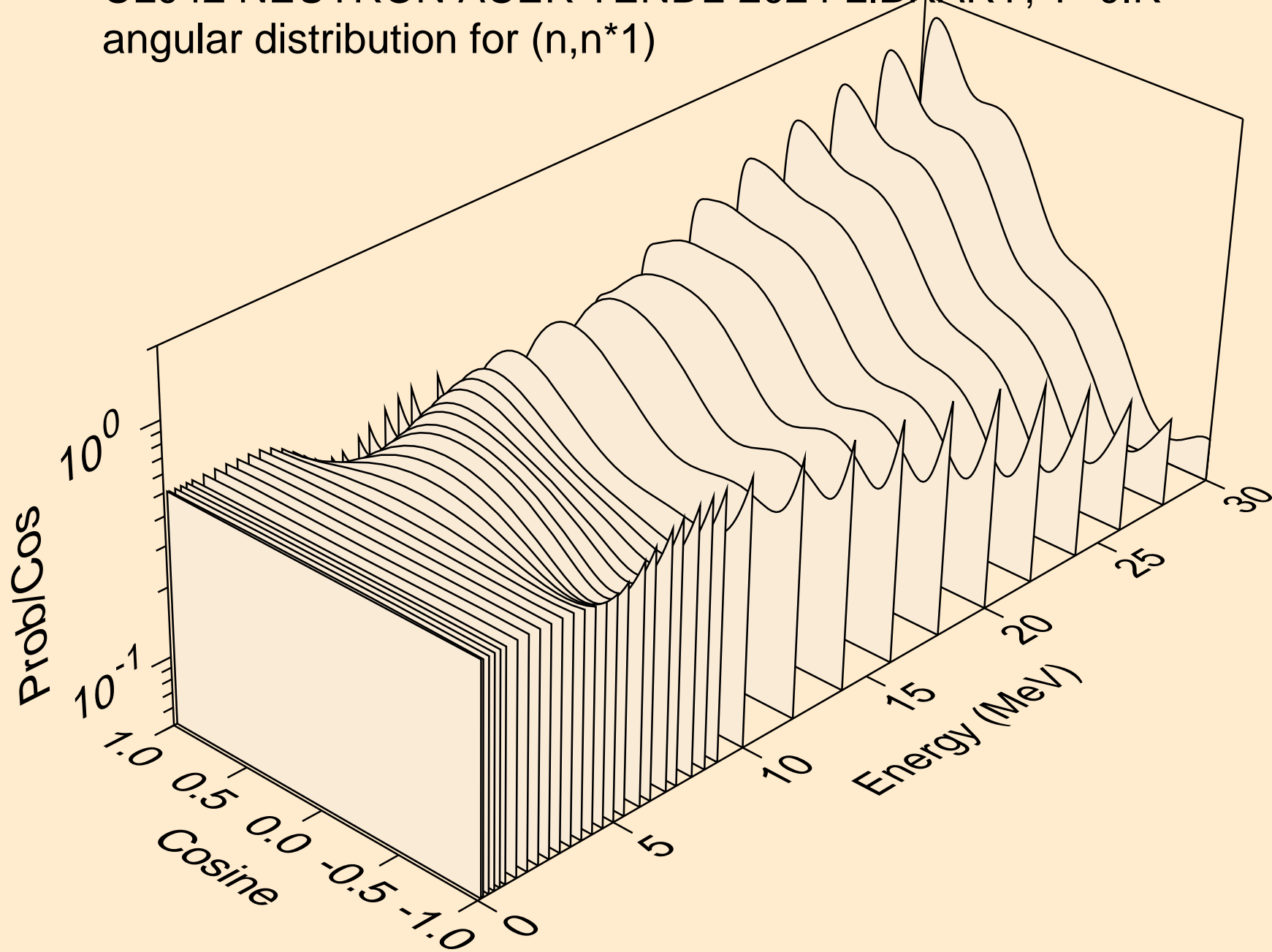
CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



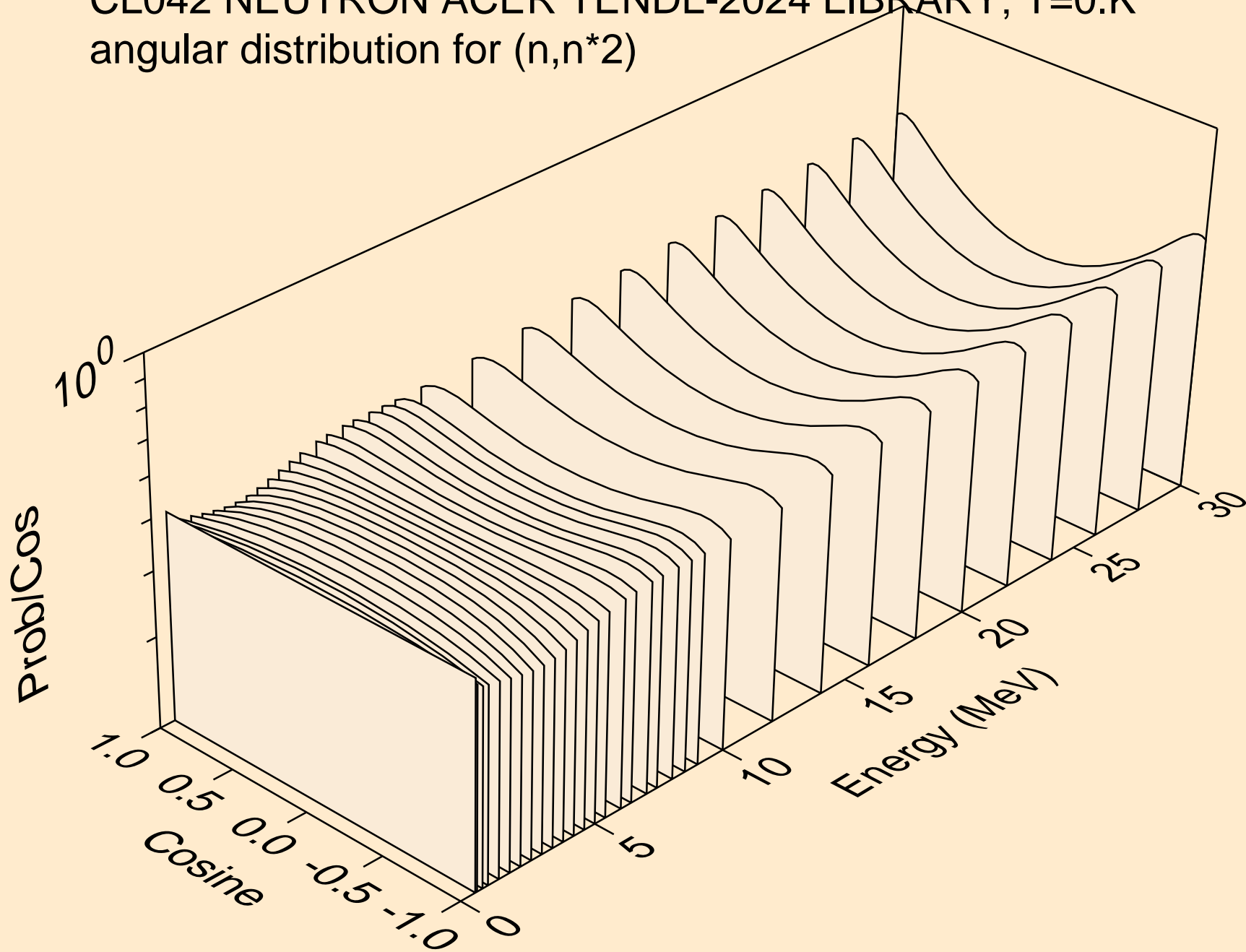
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angular distribution for elastic



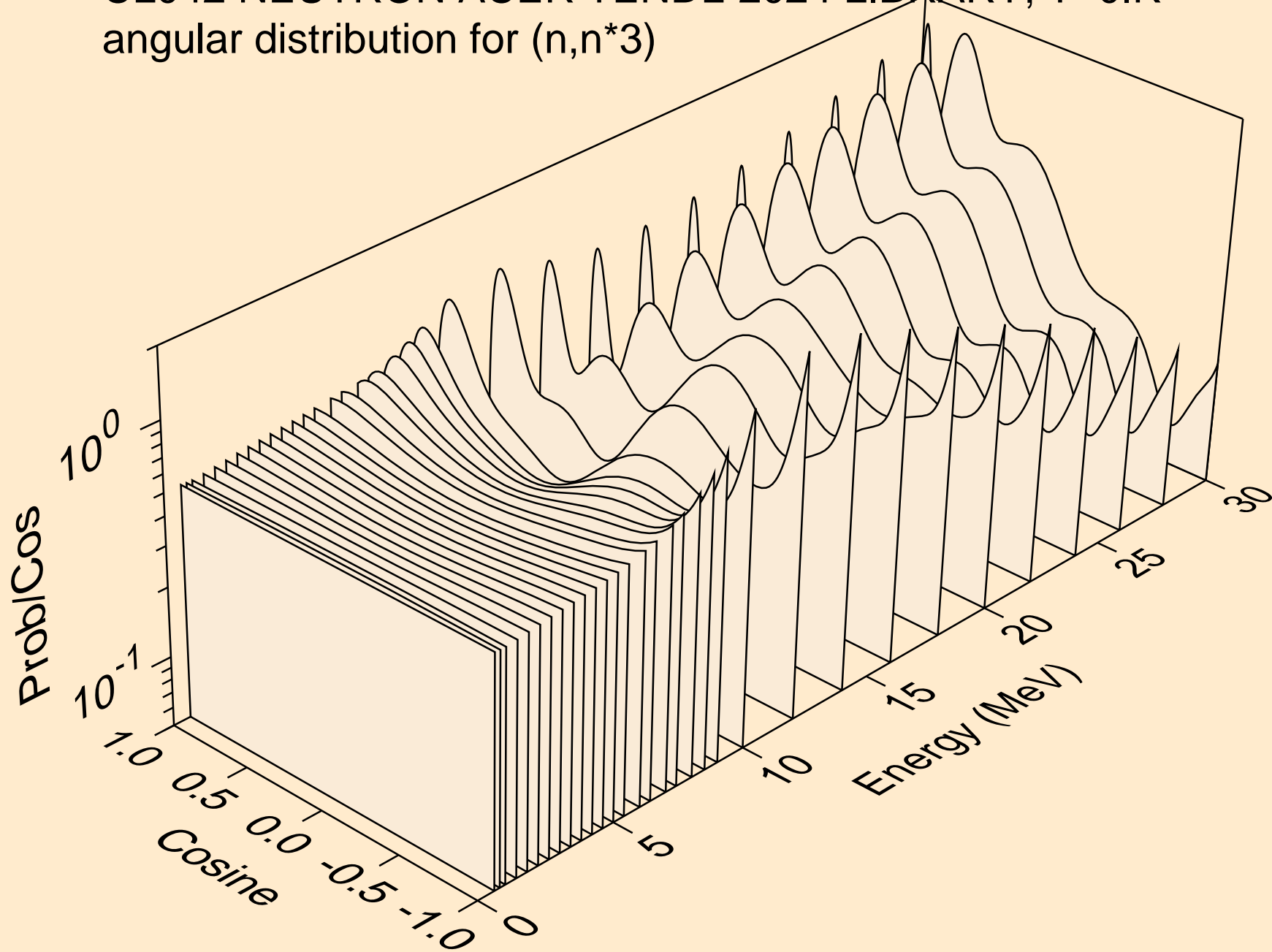
CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



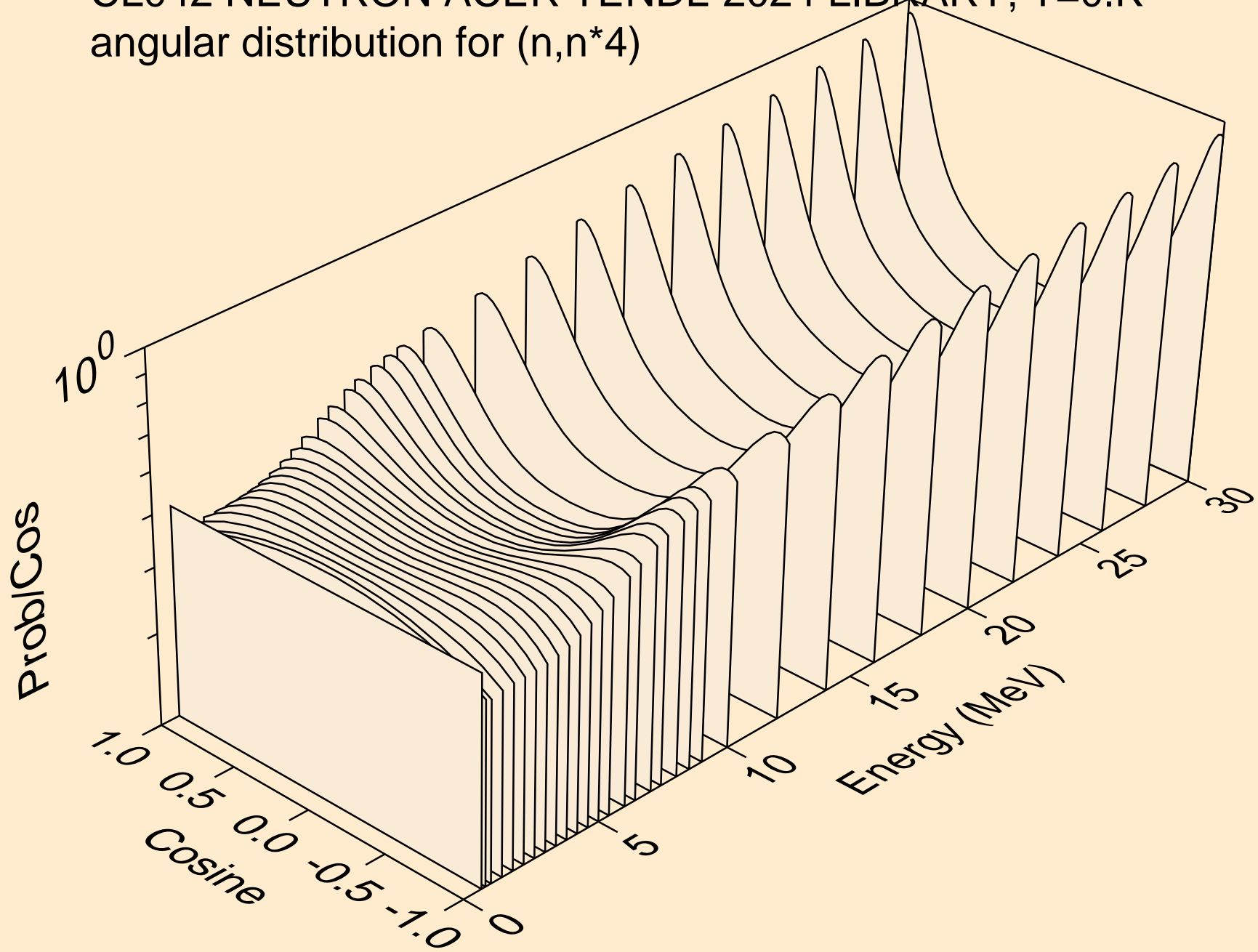
CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



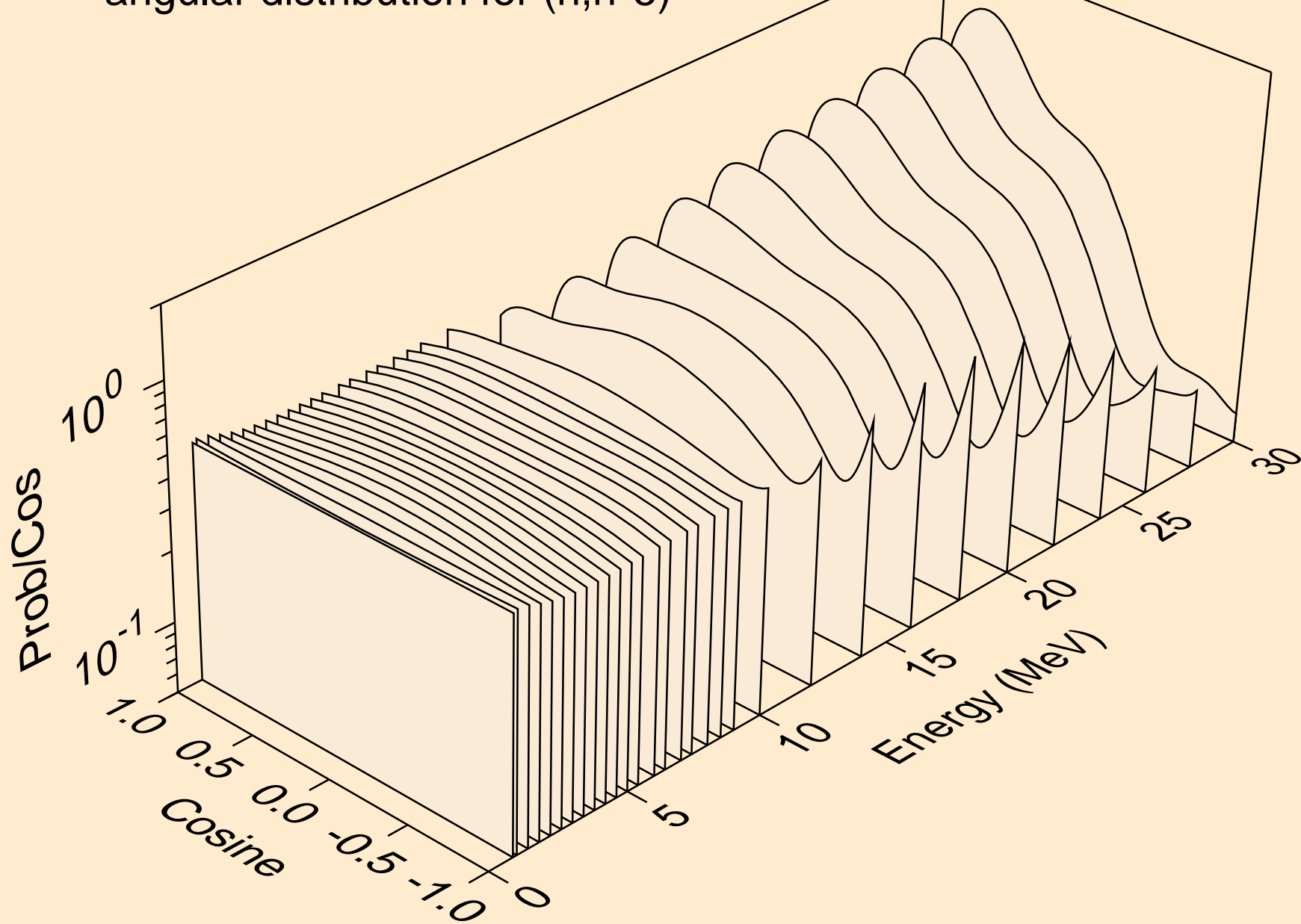
CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)

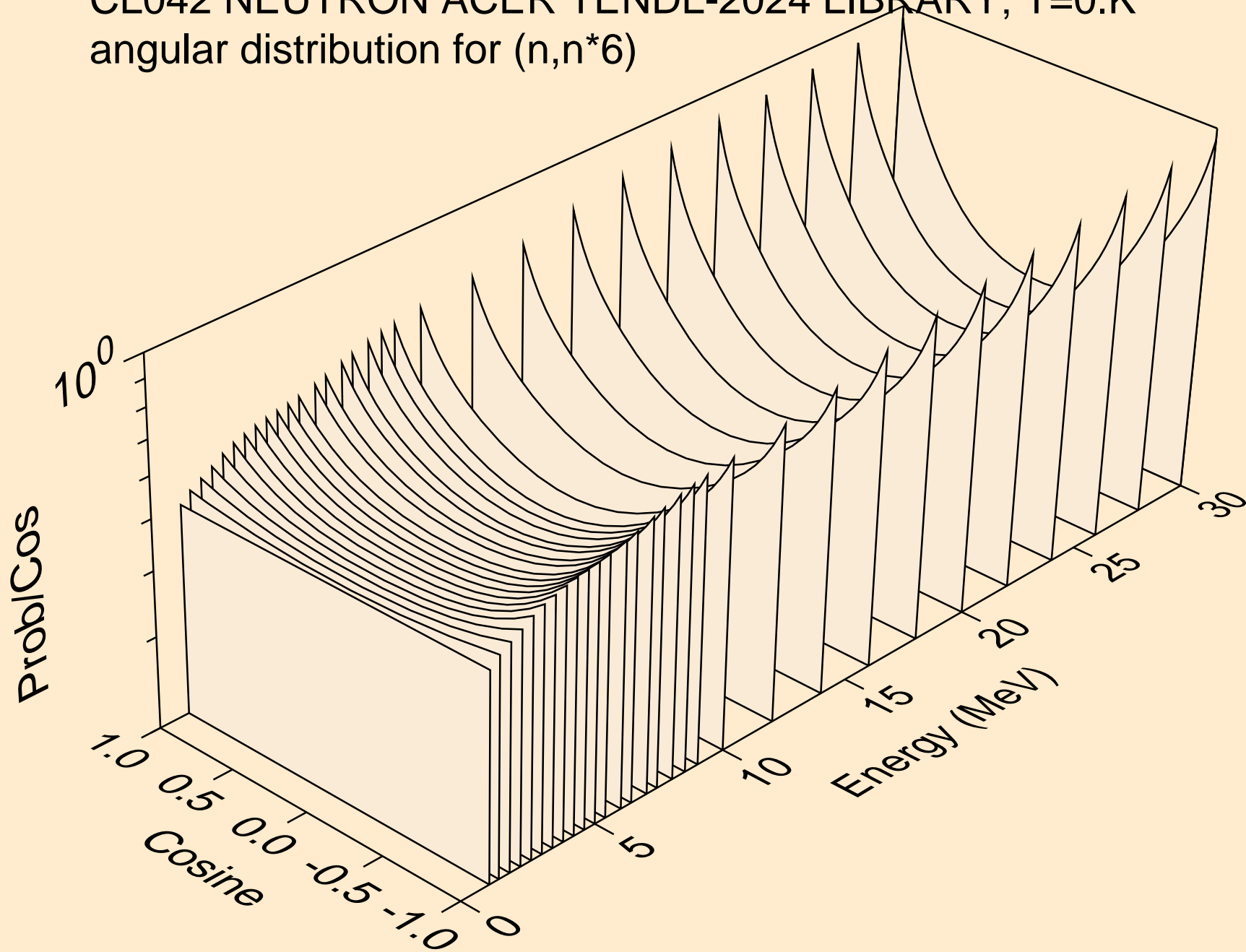


CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)

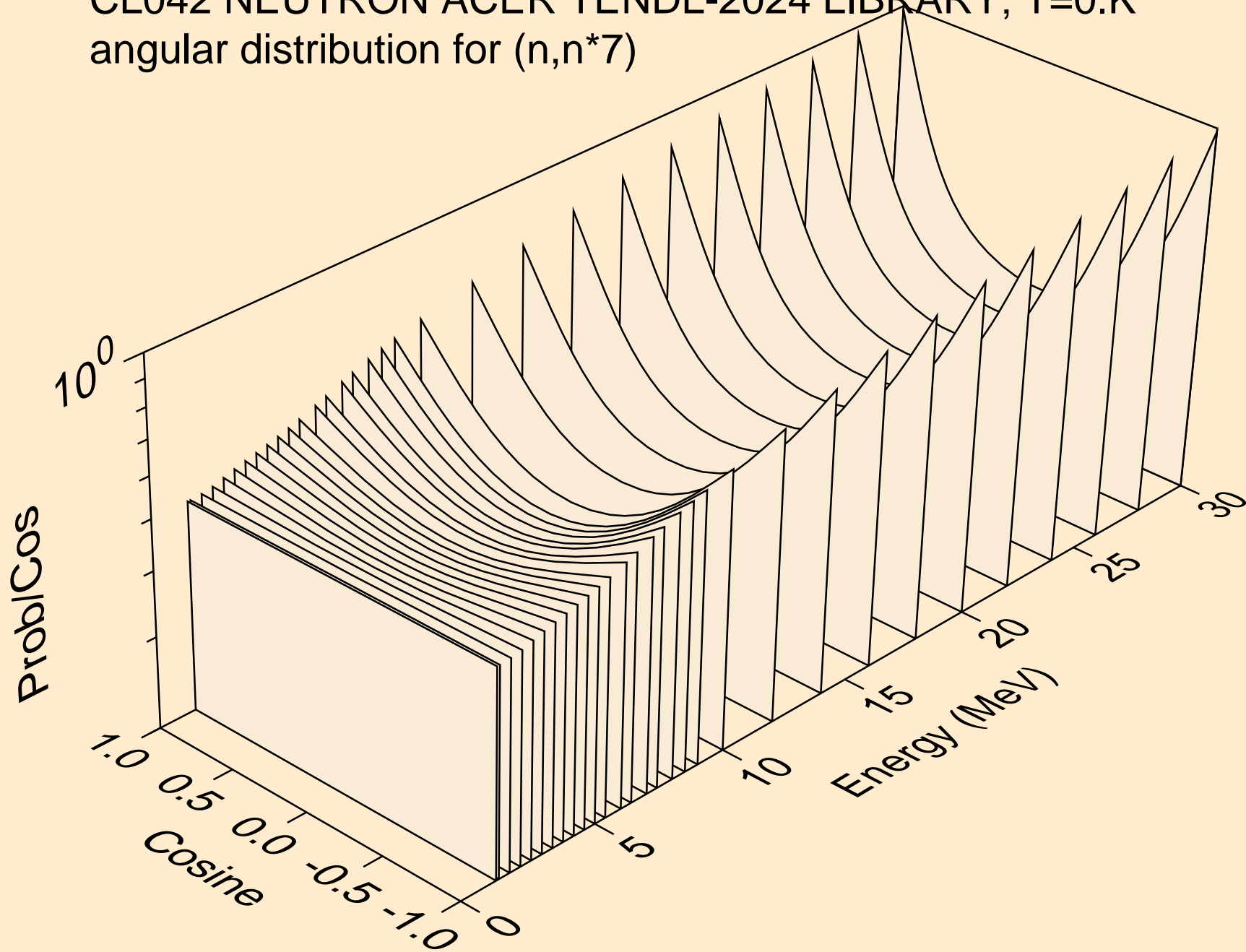




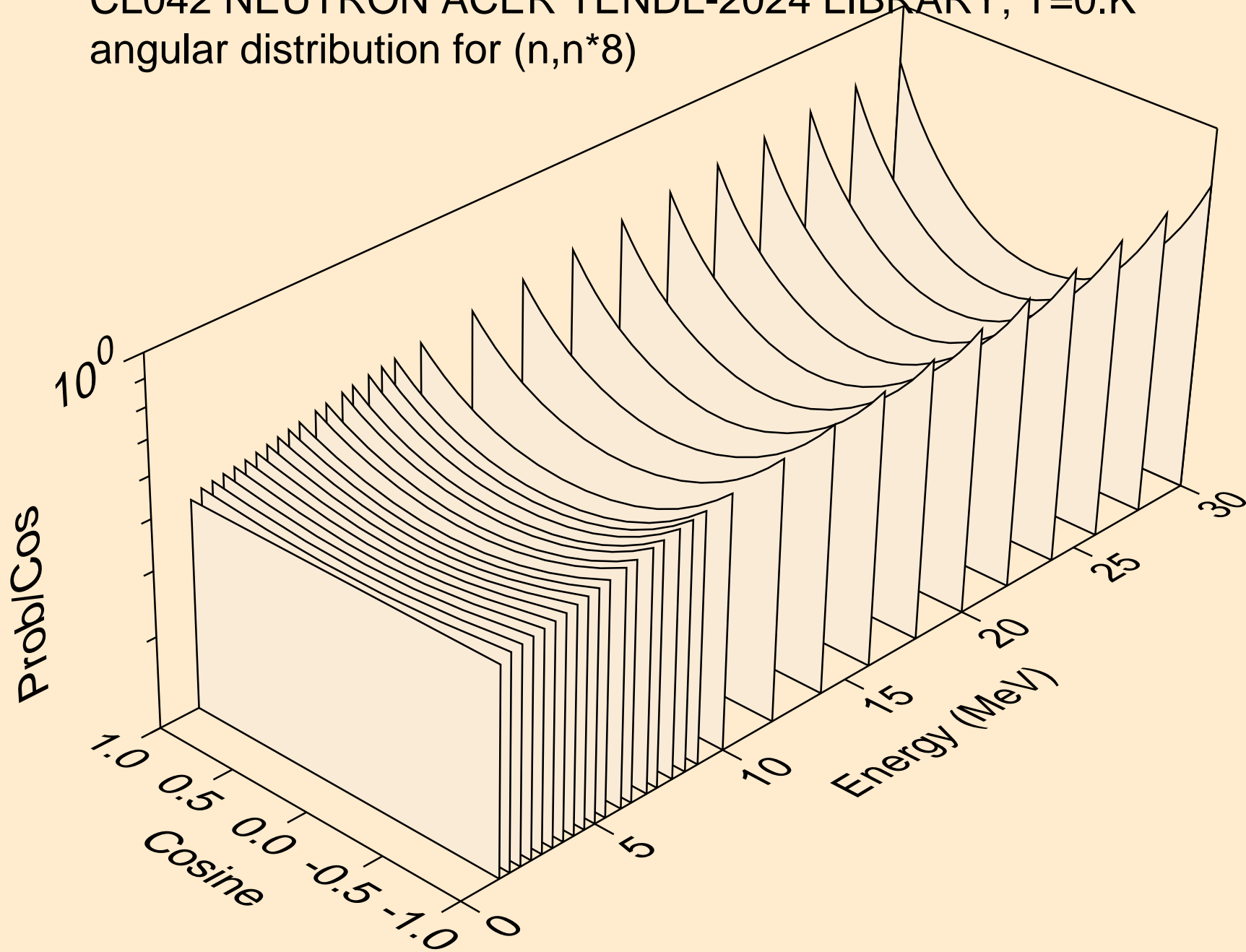
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angular distribution for (n,n\*6)



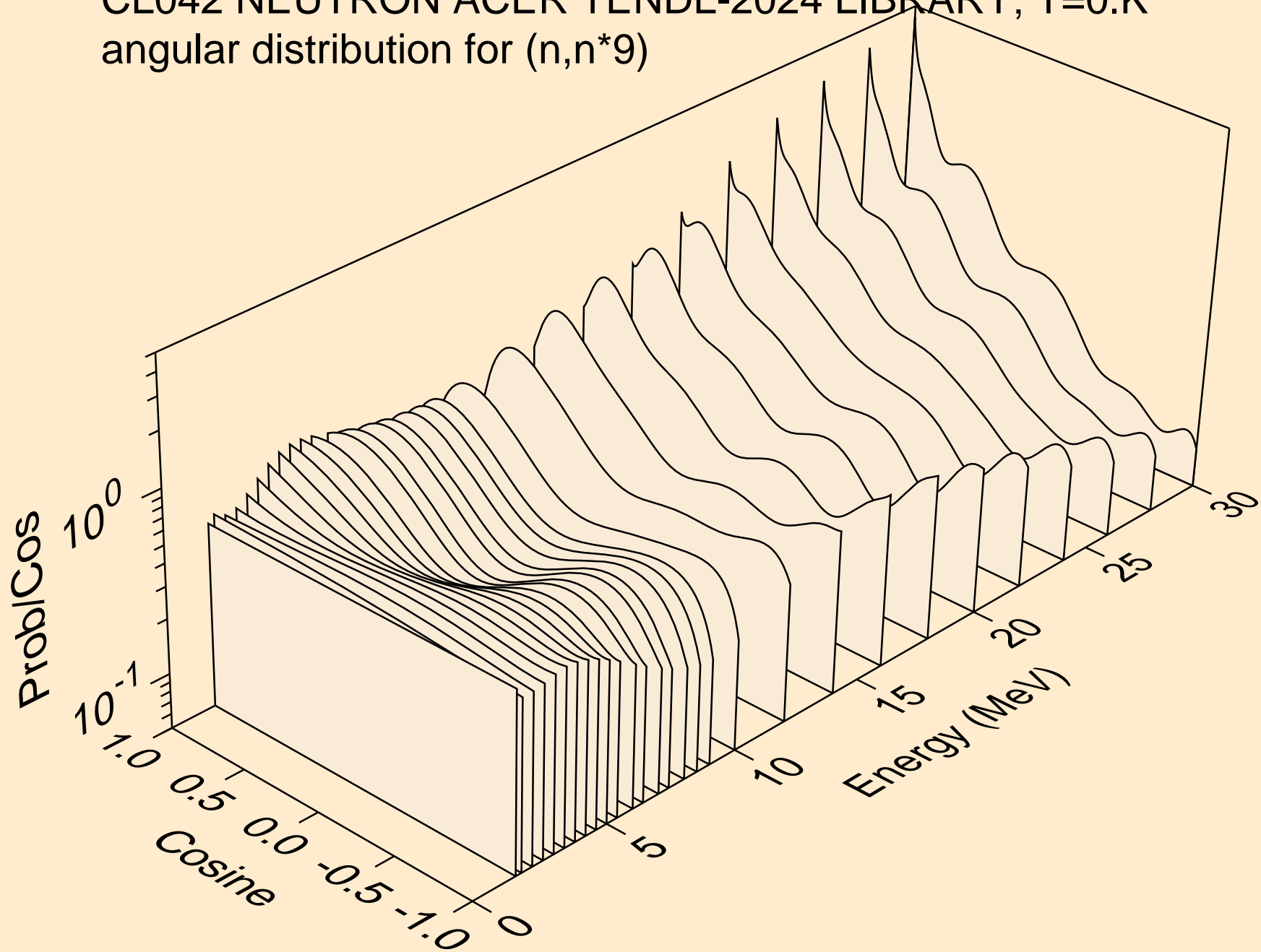
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angular distribution for (n,n\*7)



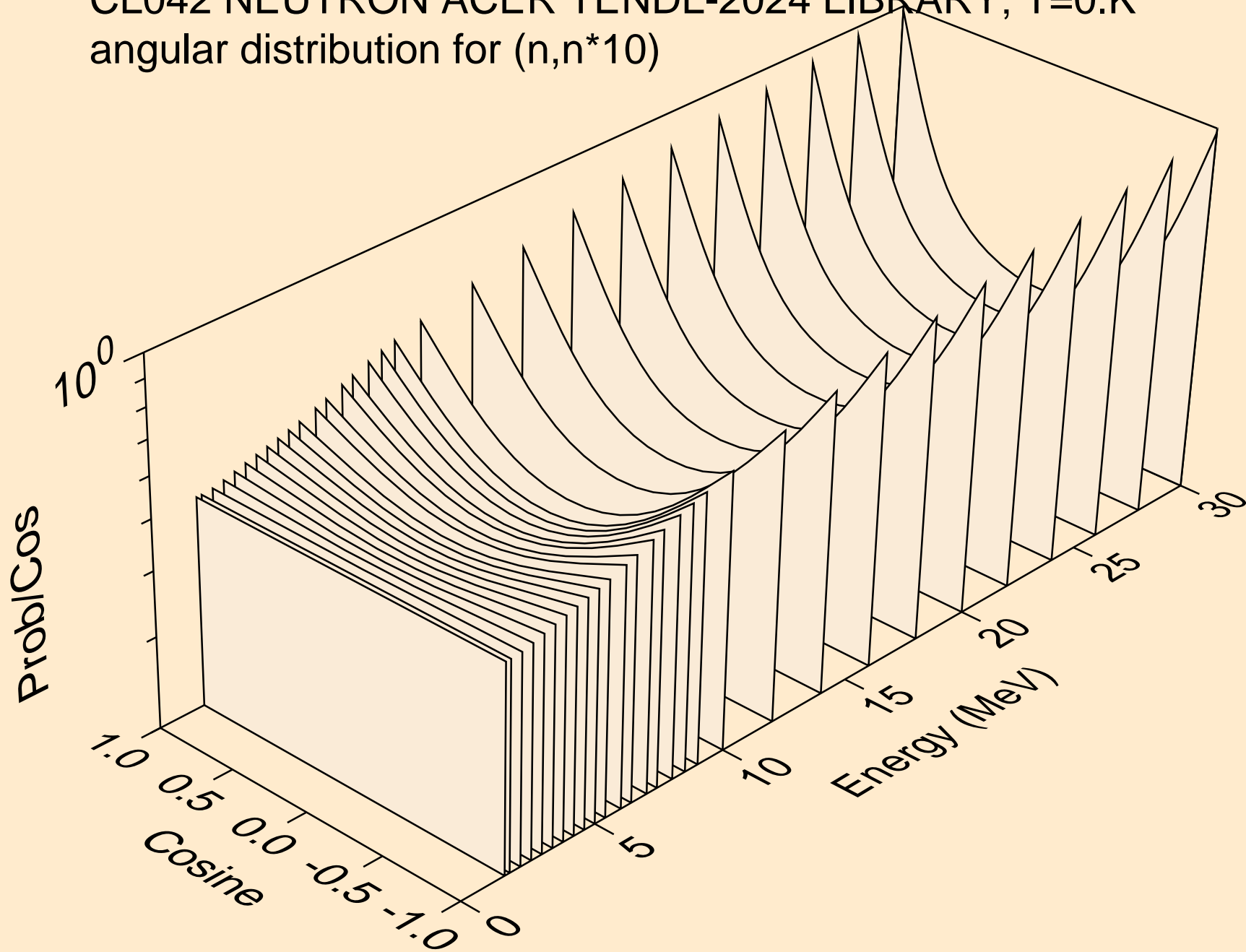
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angular distribution for (n,n\*8)



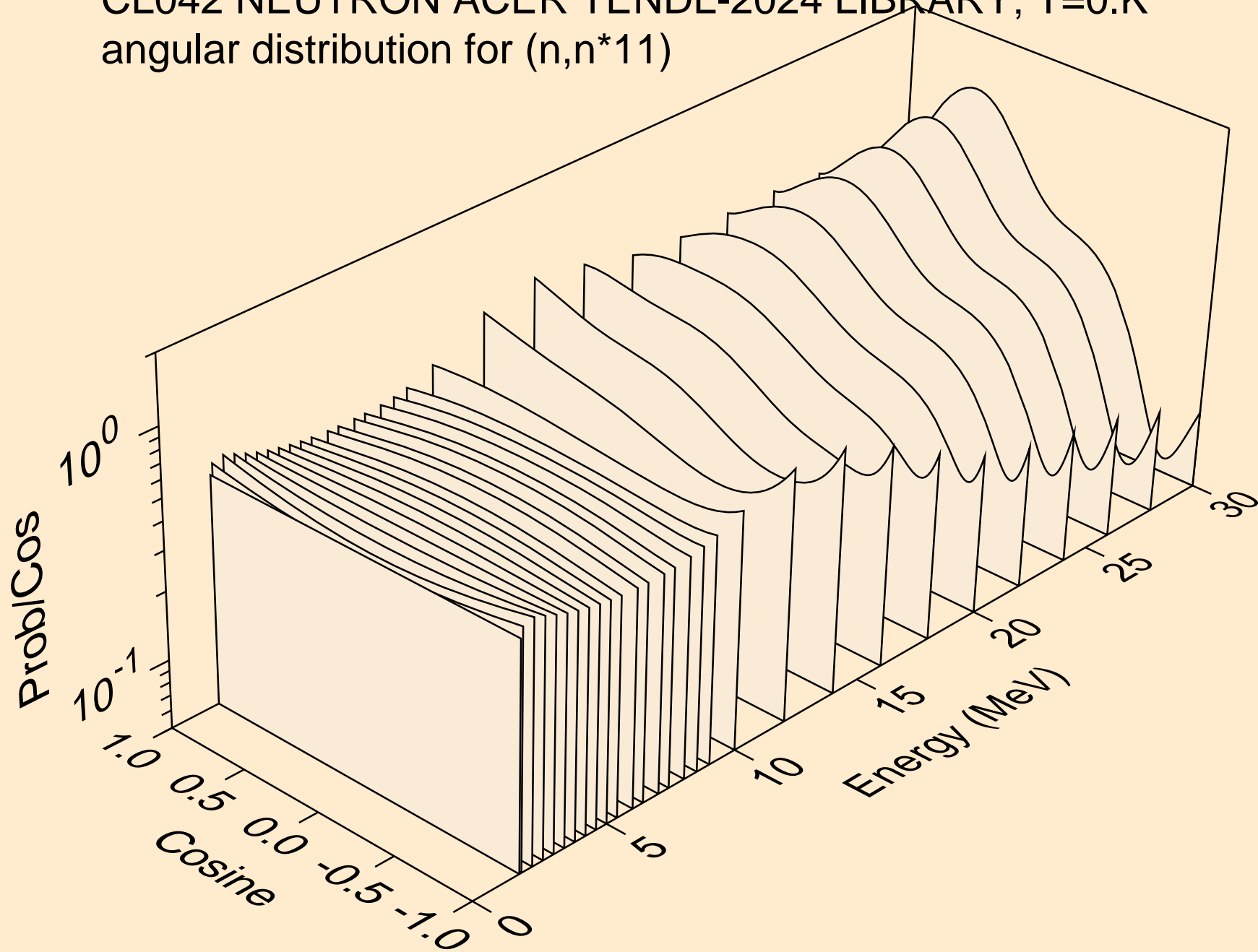
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angular distribution for (n,n\*9)



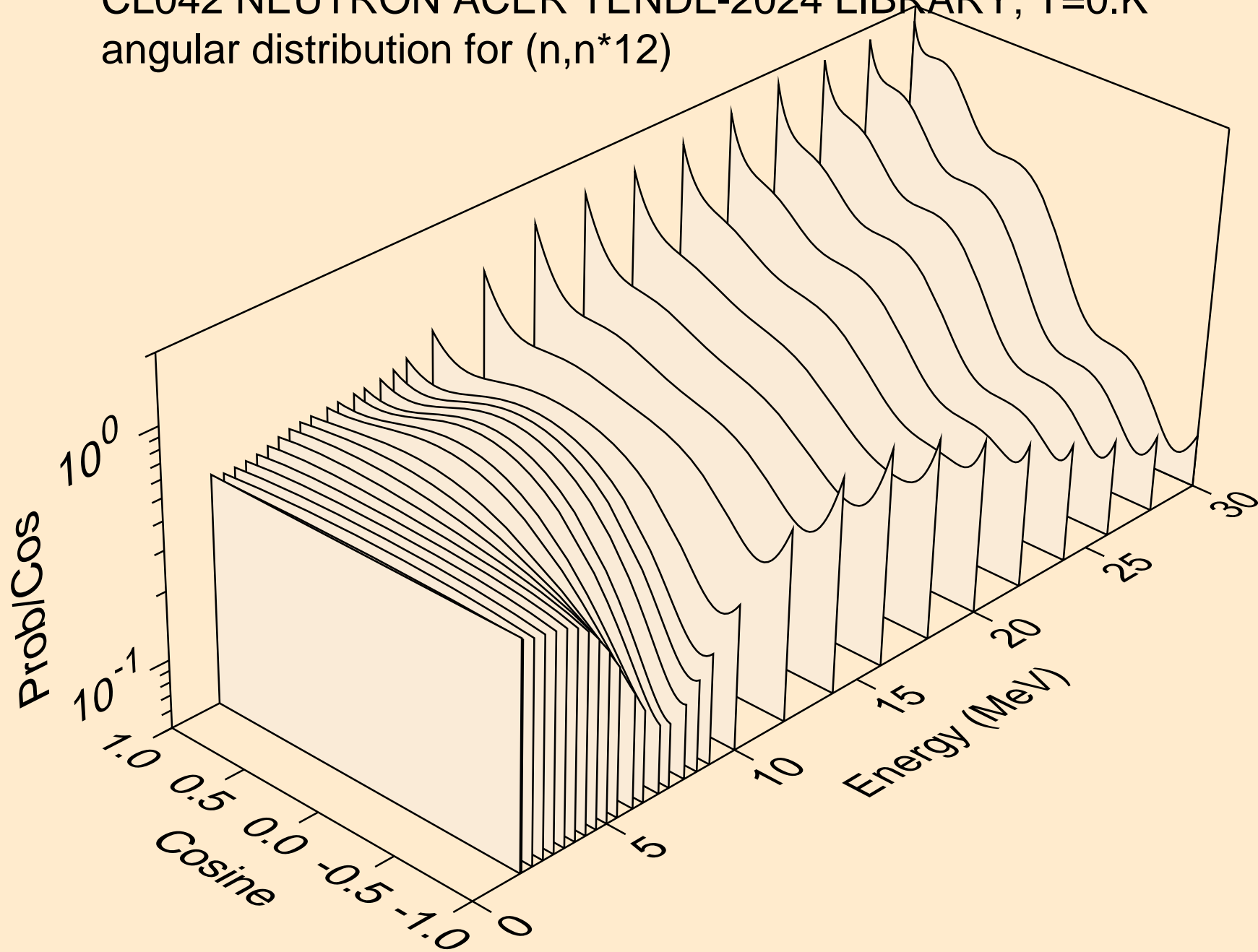
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angular distribution for (n,n\*10)



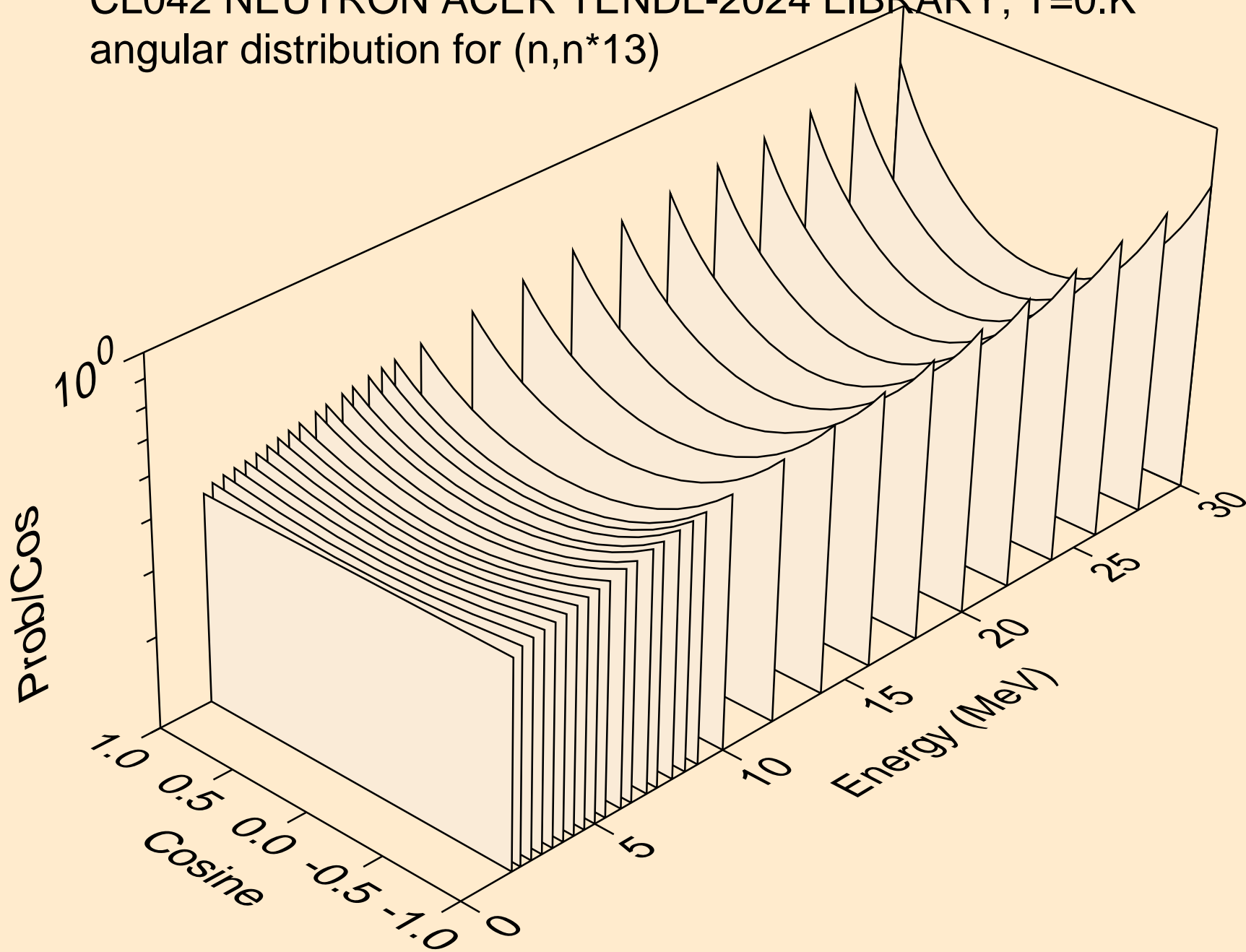
CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)

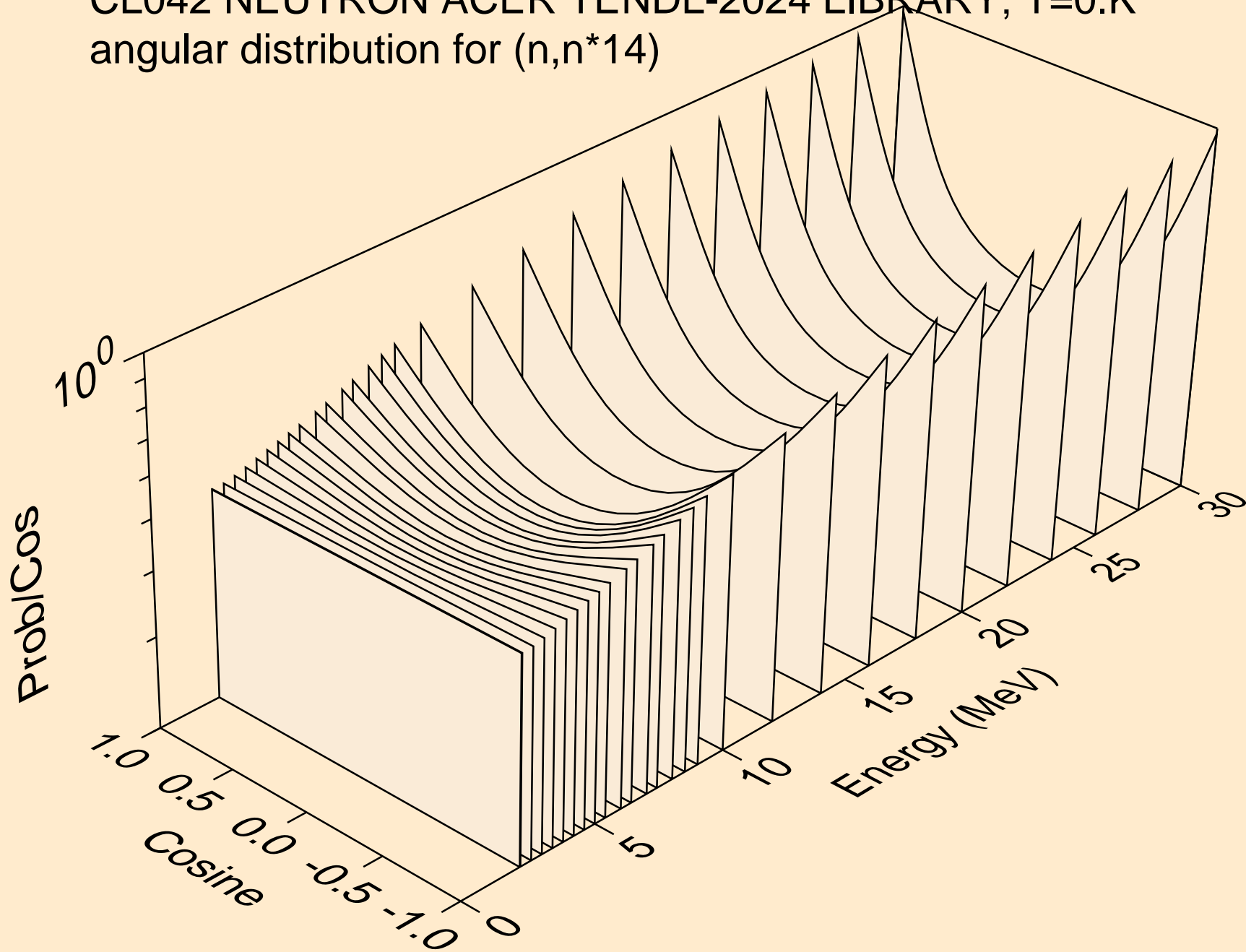


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angular distribution for (n,n\*13)

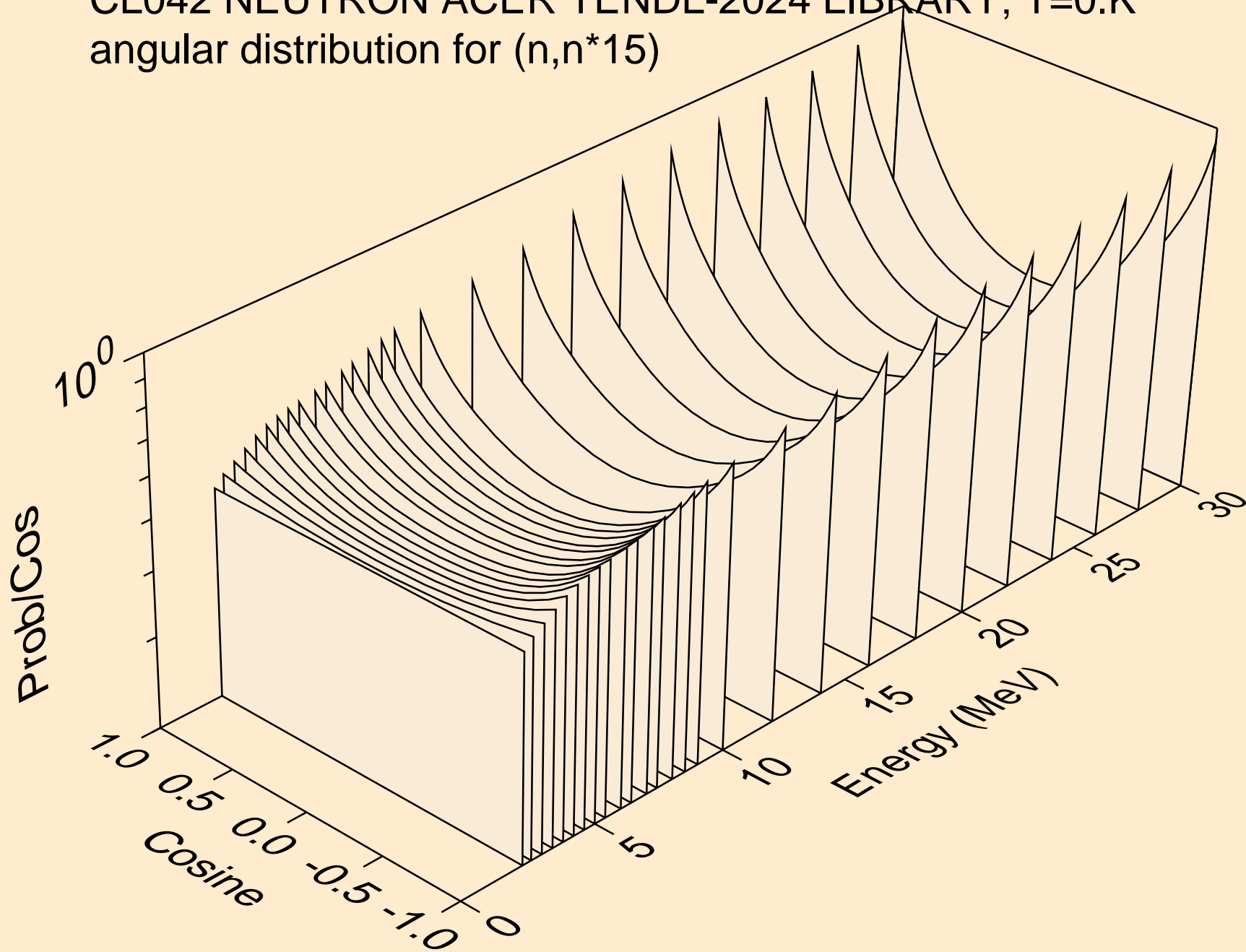




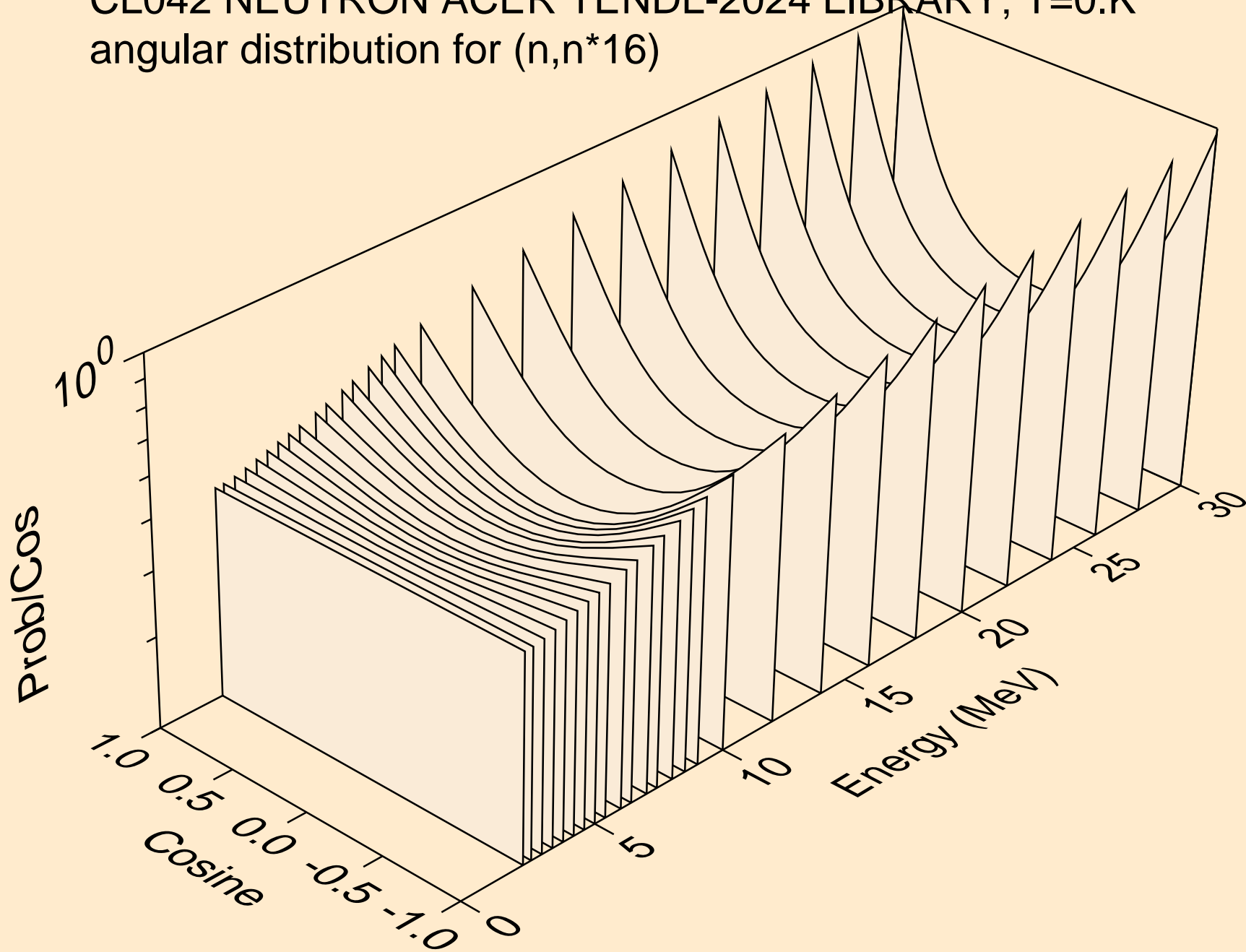
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angular distribution for (n,n\*14)



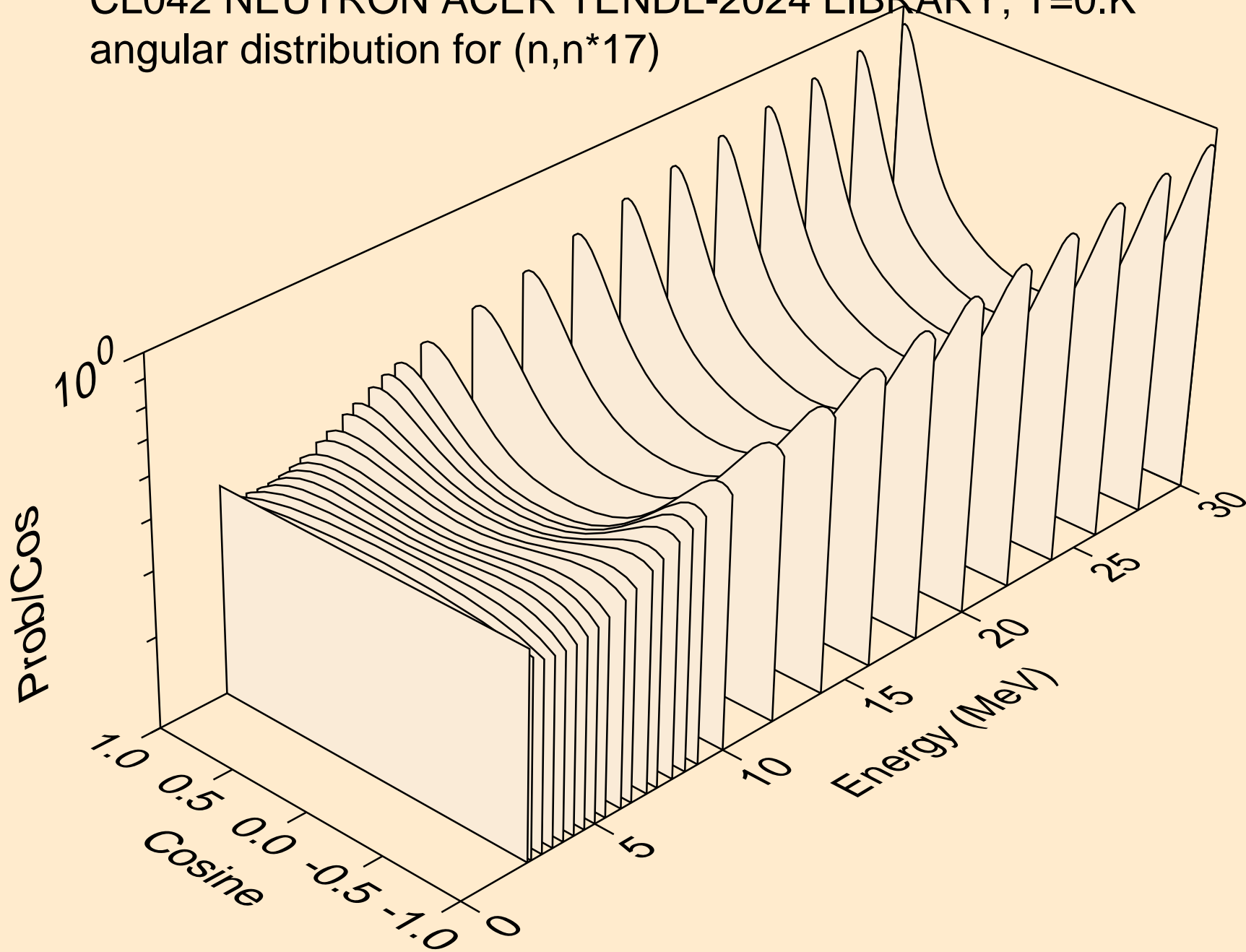
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angular distribution for (n,n\*15)



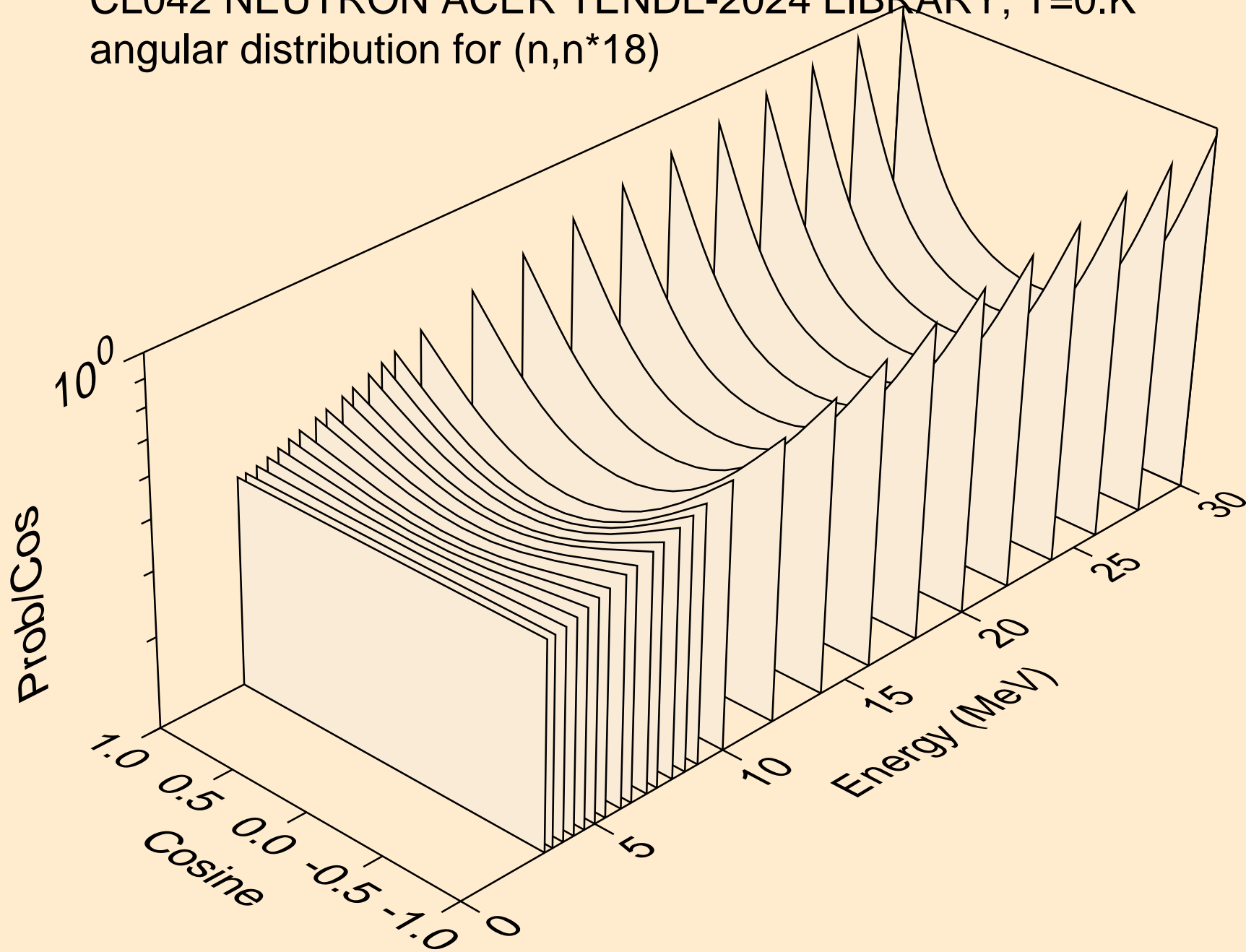
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angular distribution for (n,n\*16)



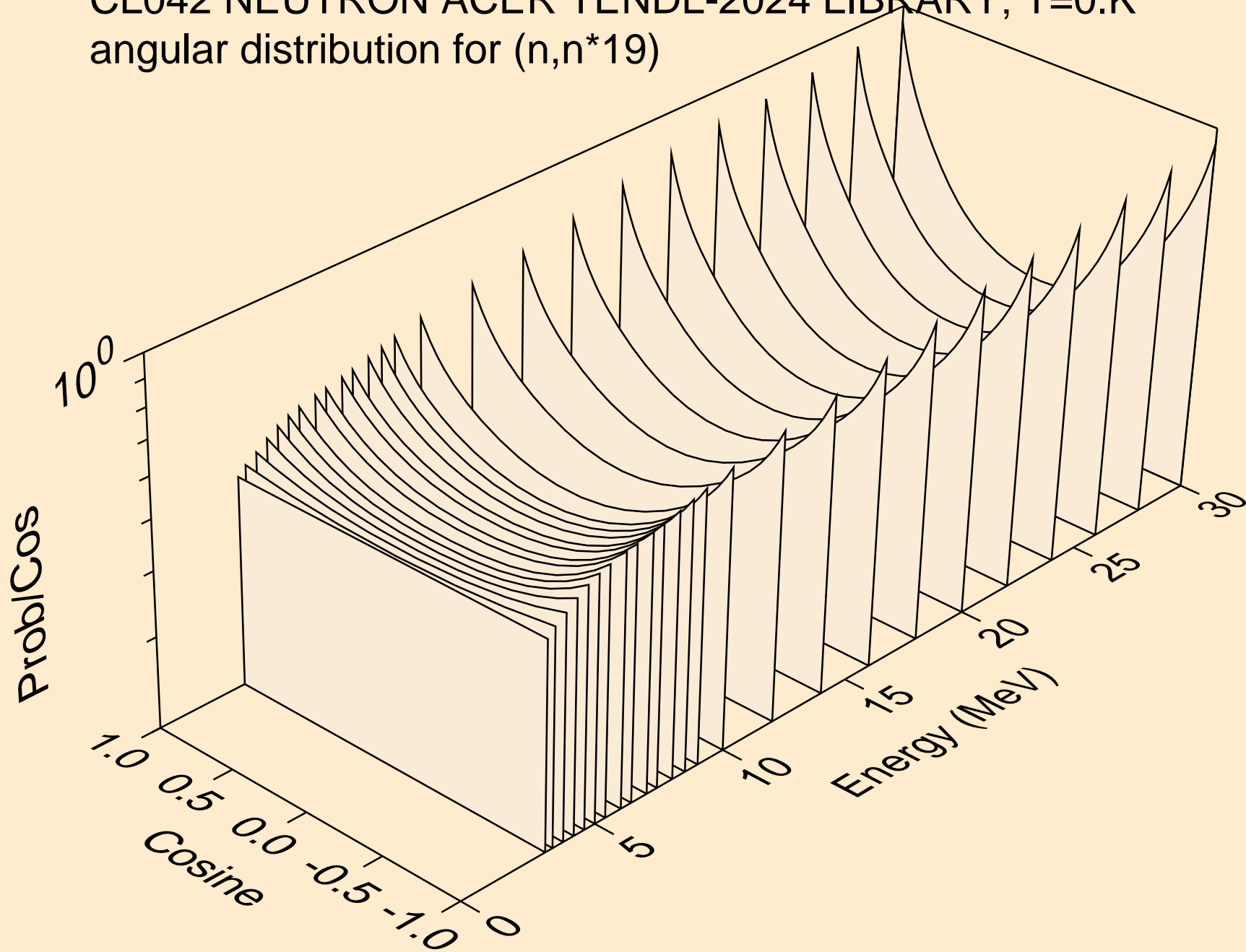
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angular distribution for (n,n\*17)



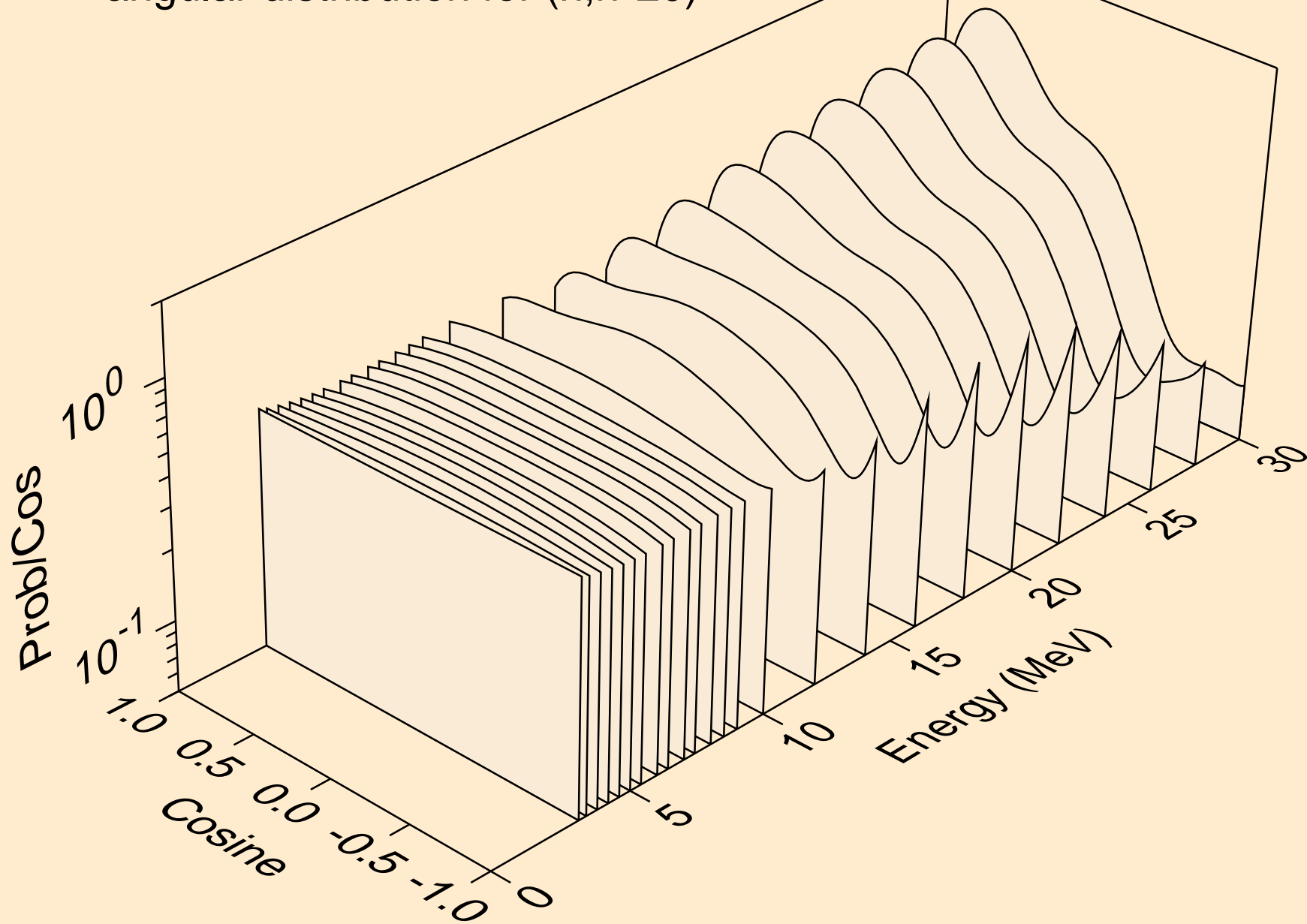
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angular distribution for (n,n\*18)



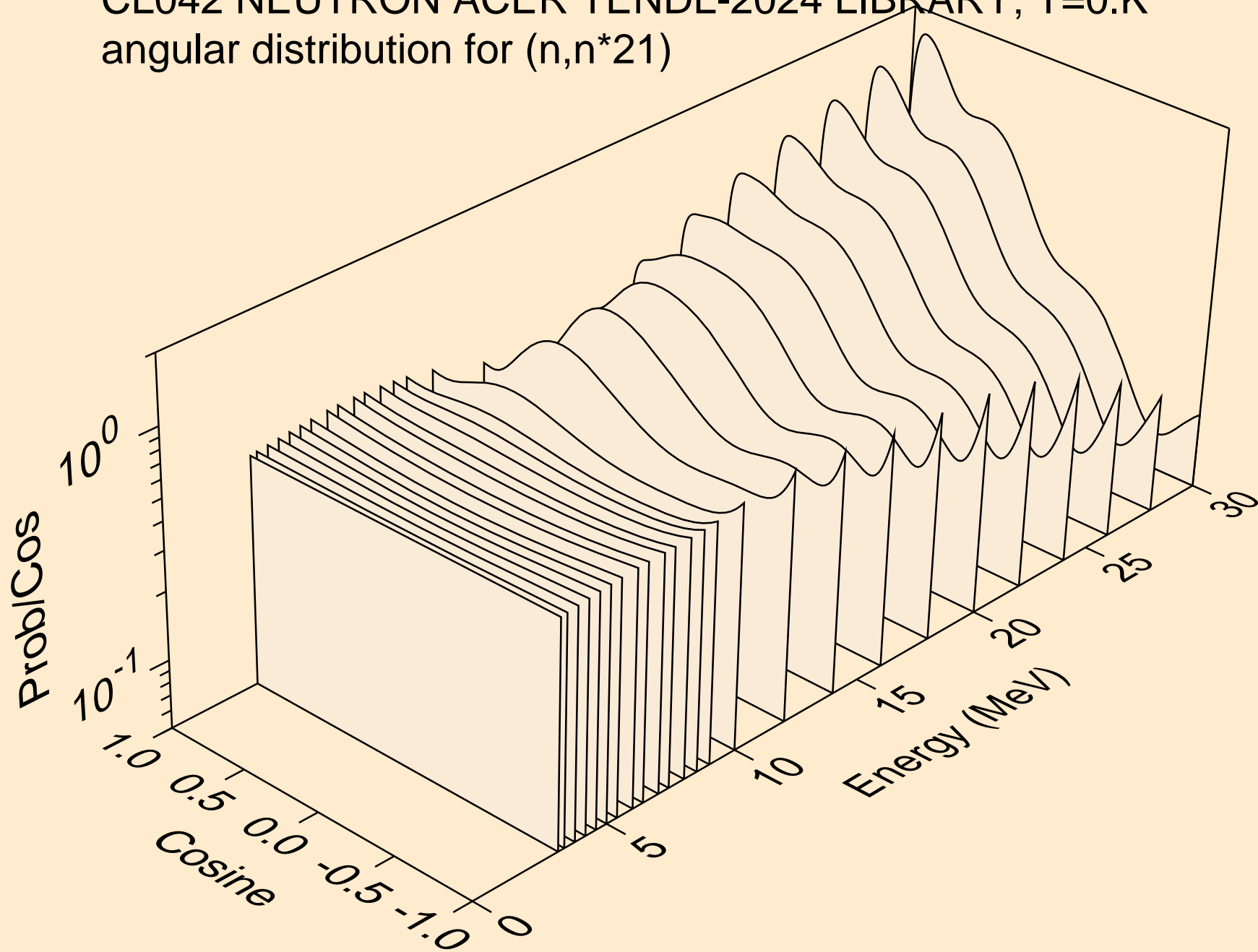
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angular distribution for (n,n\*19)



CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)

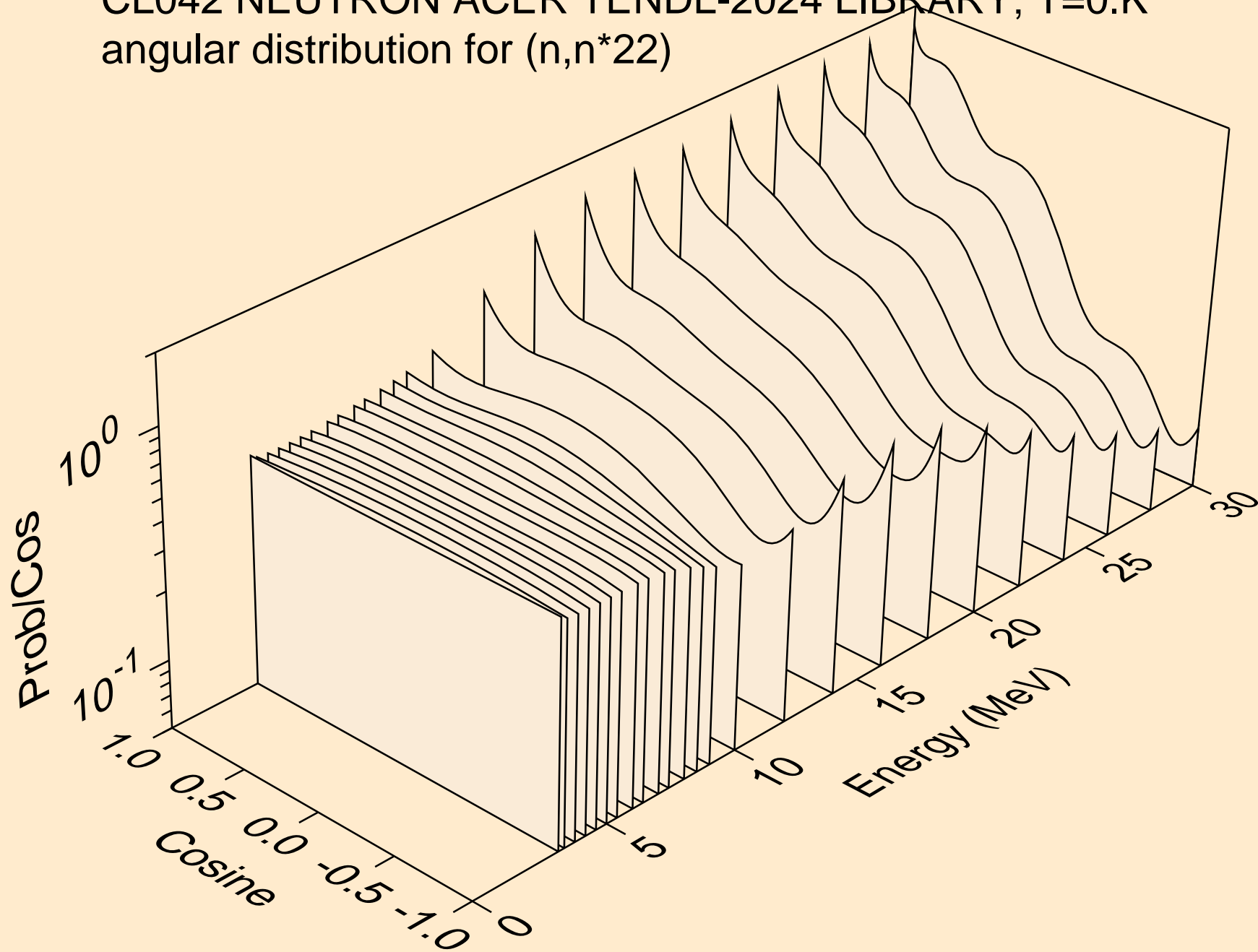


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angular distribution for (n,n\*21)

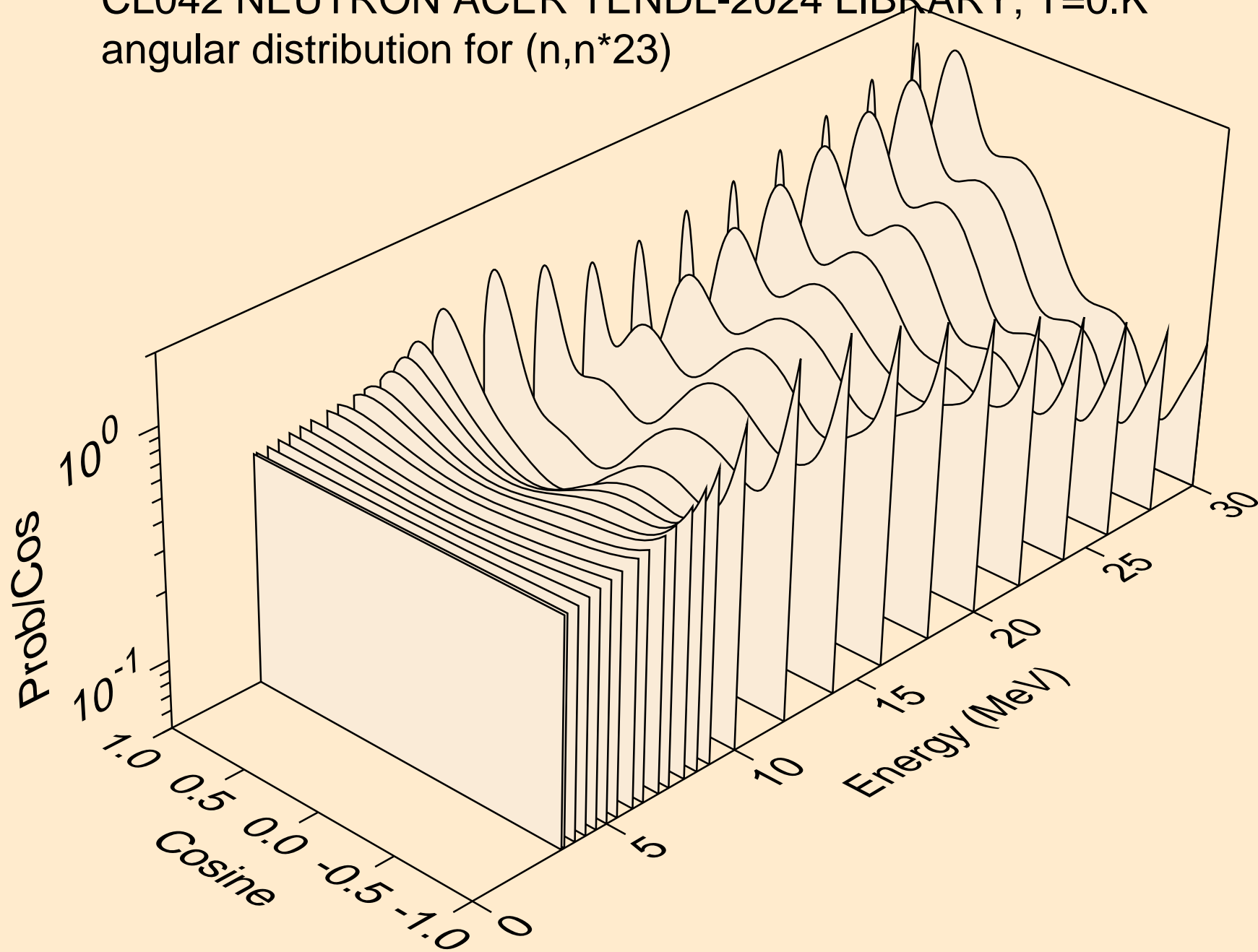




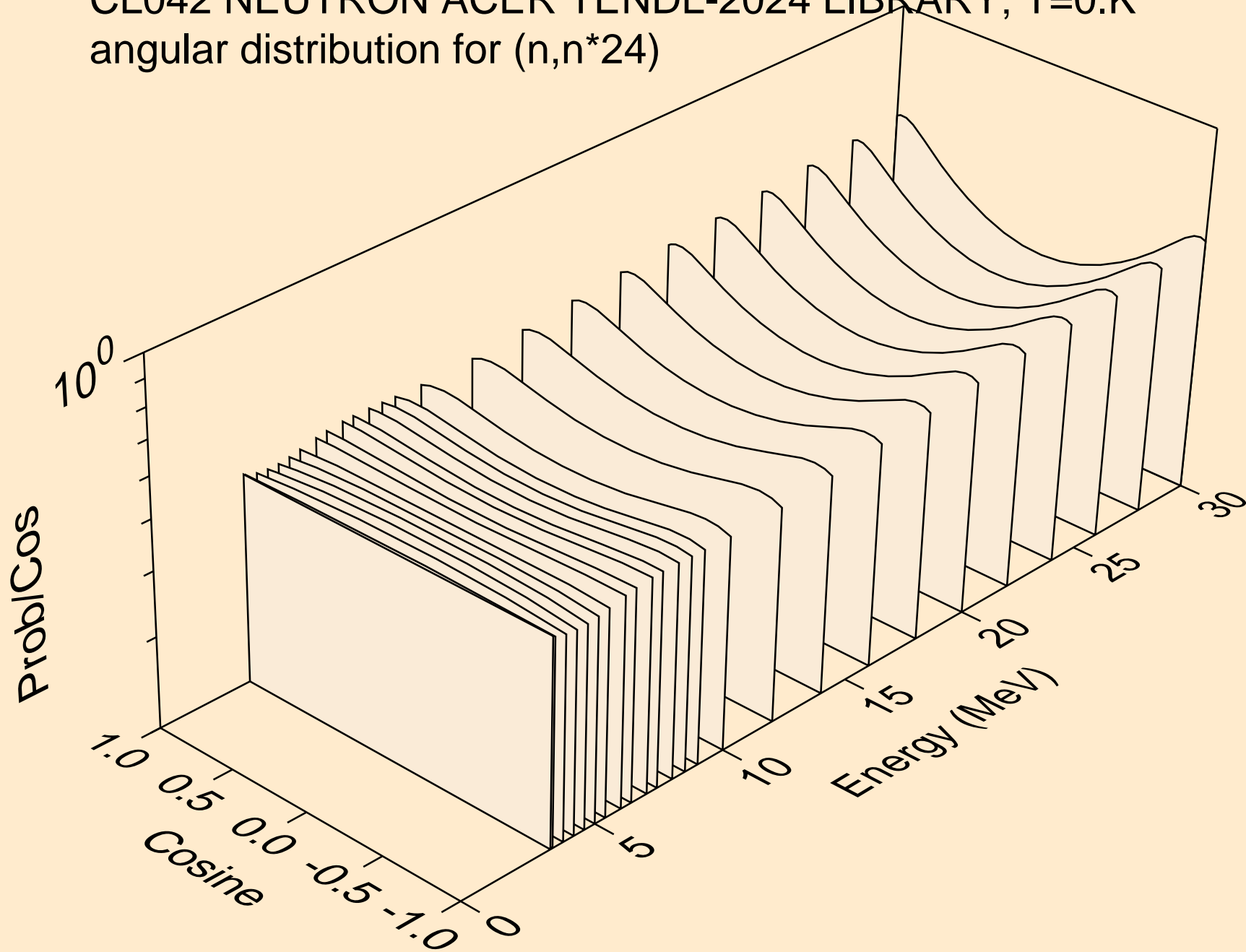
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angular distribution for (n,n\*22)



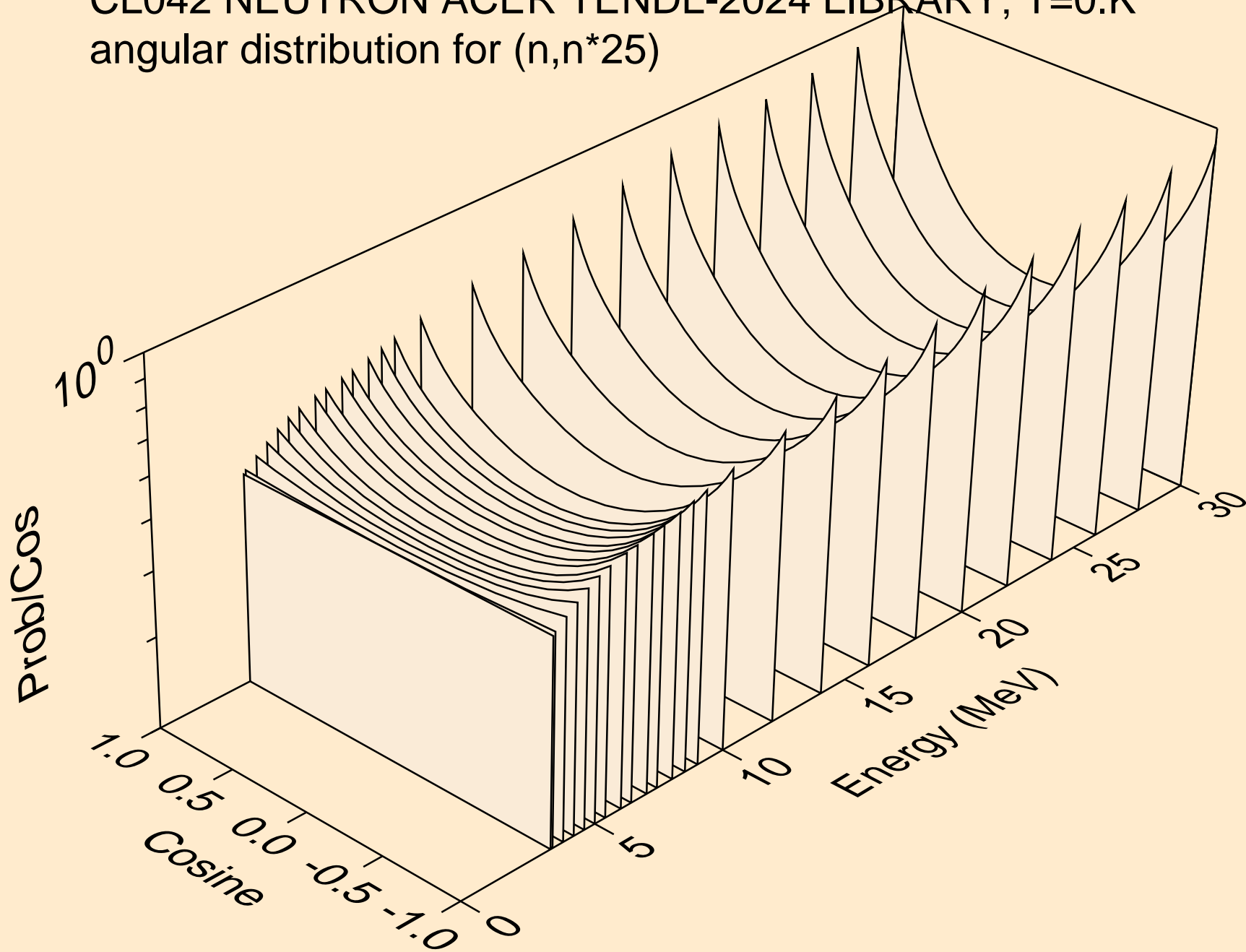
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angular distribution for (n,n\*23)



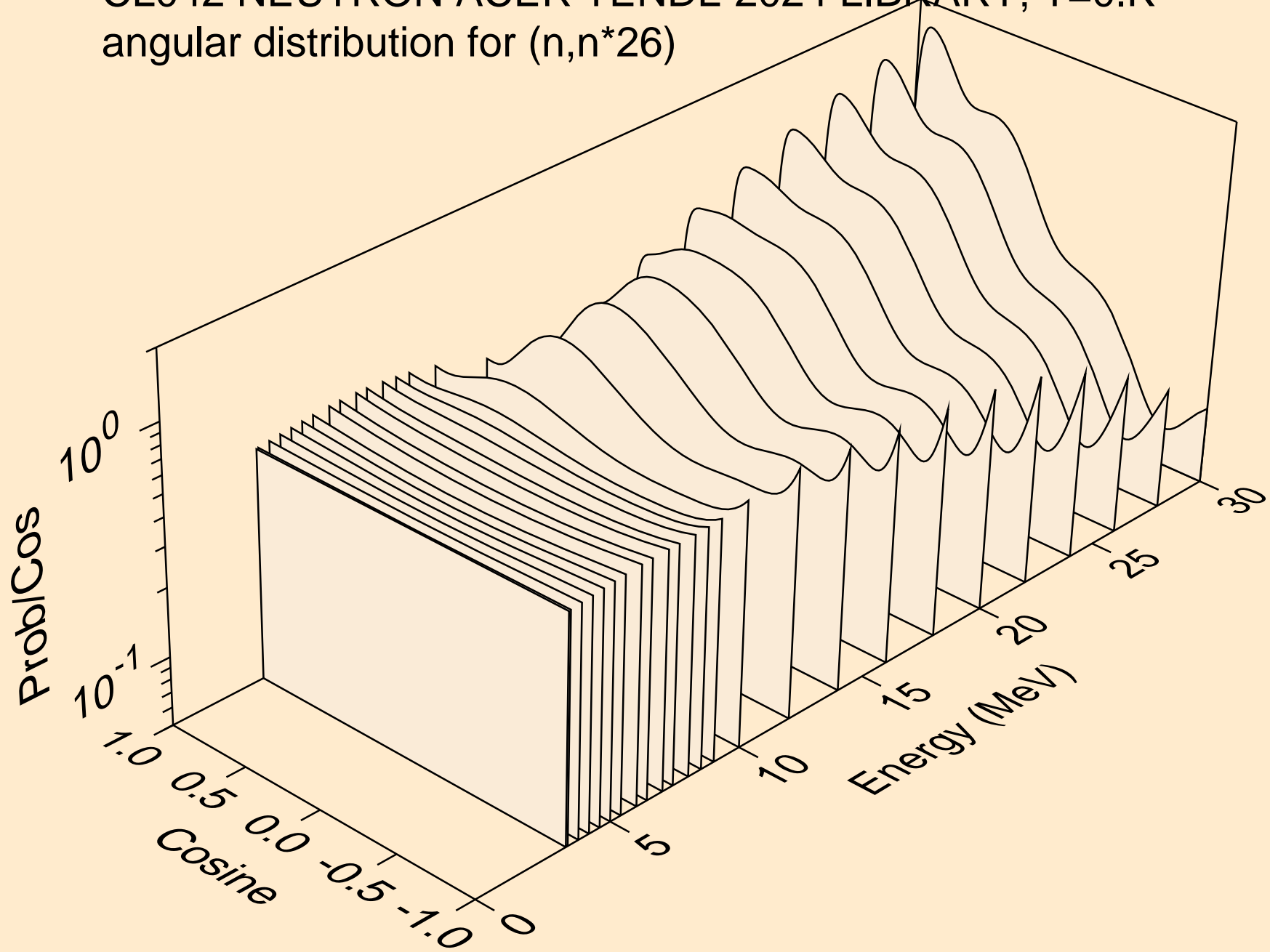
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angular distribution for (n,n\*24)



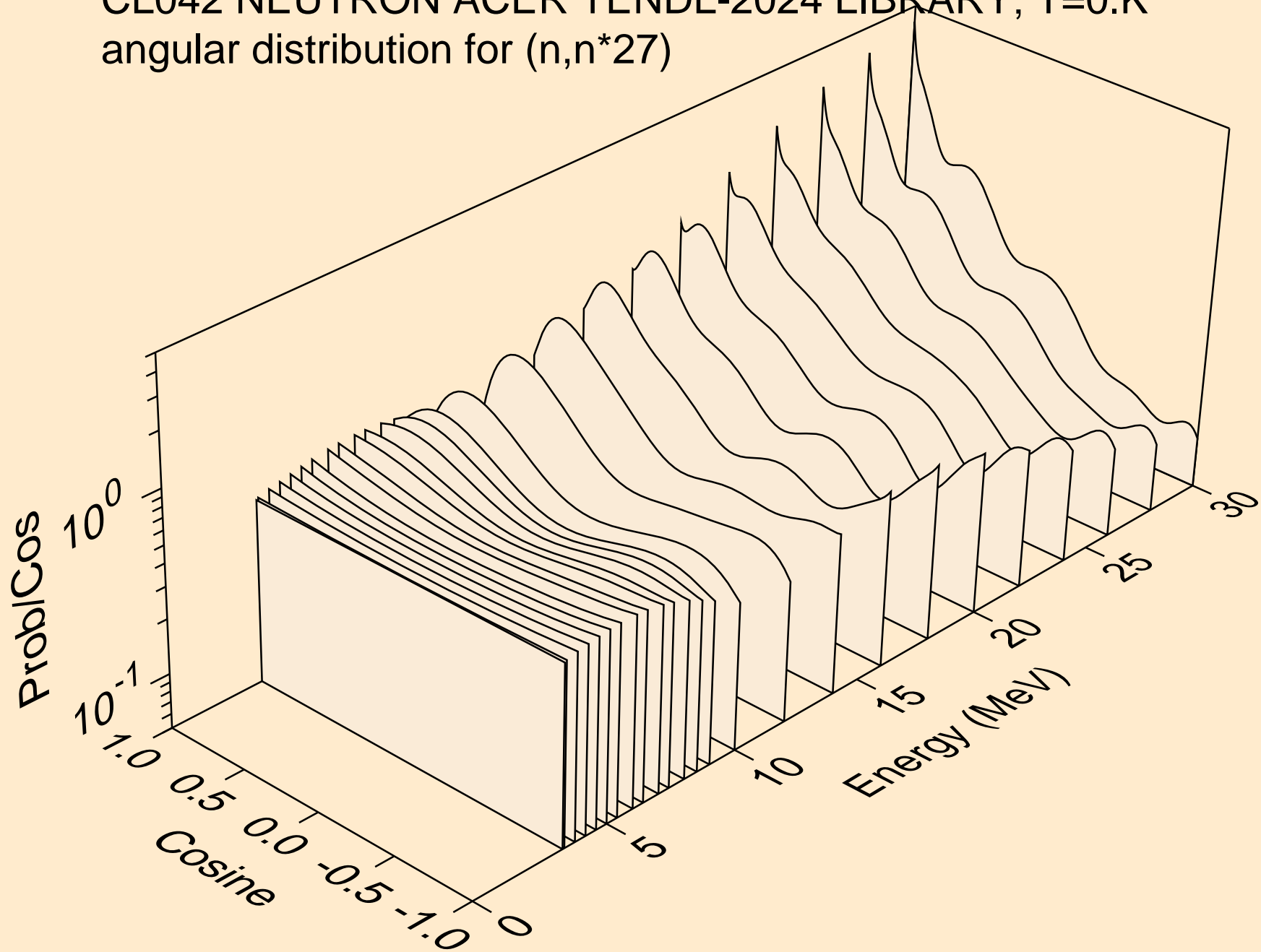
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angular distribution for (n,n\*25)



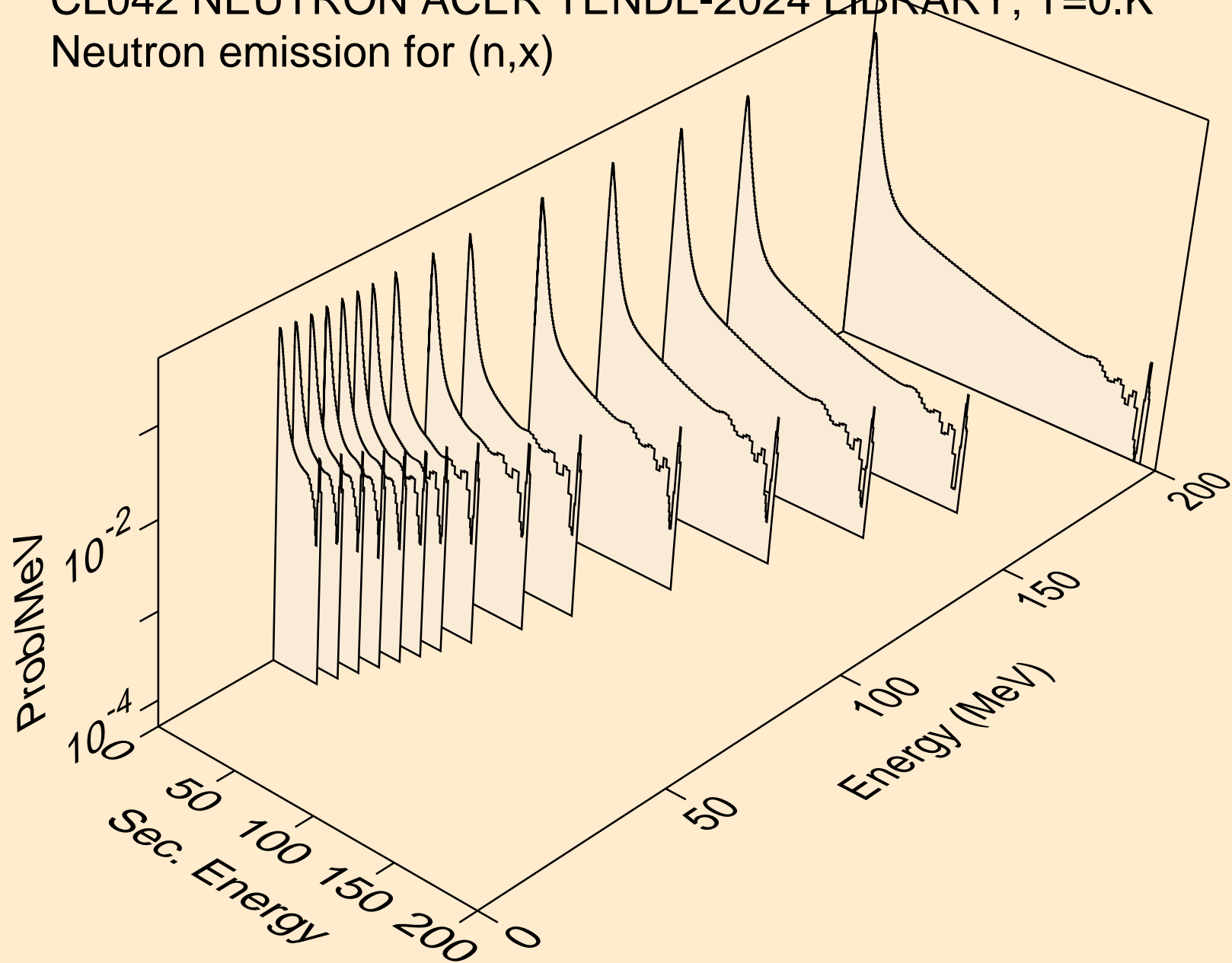
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angular distribution for (n,n\*26)



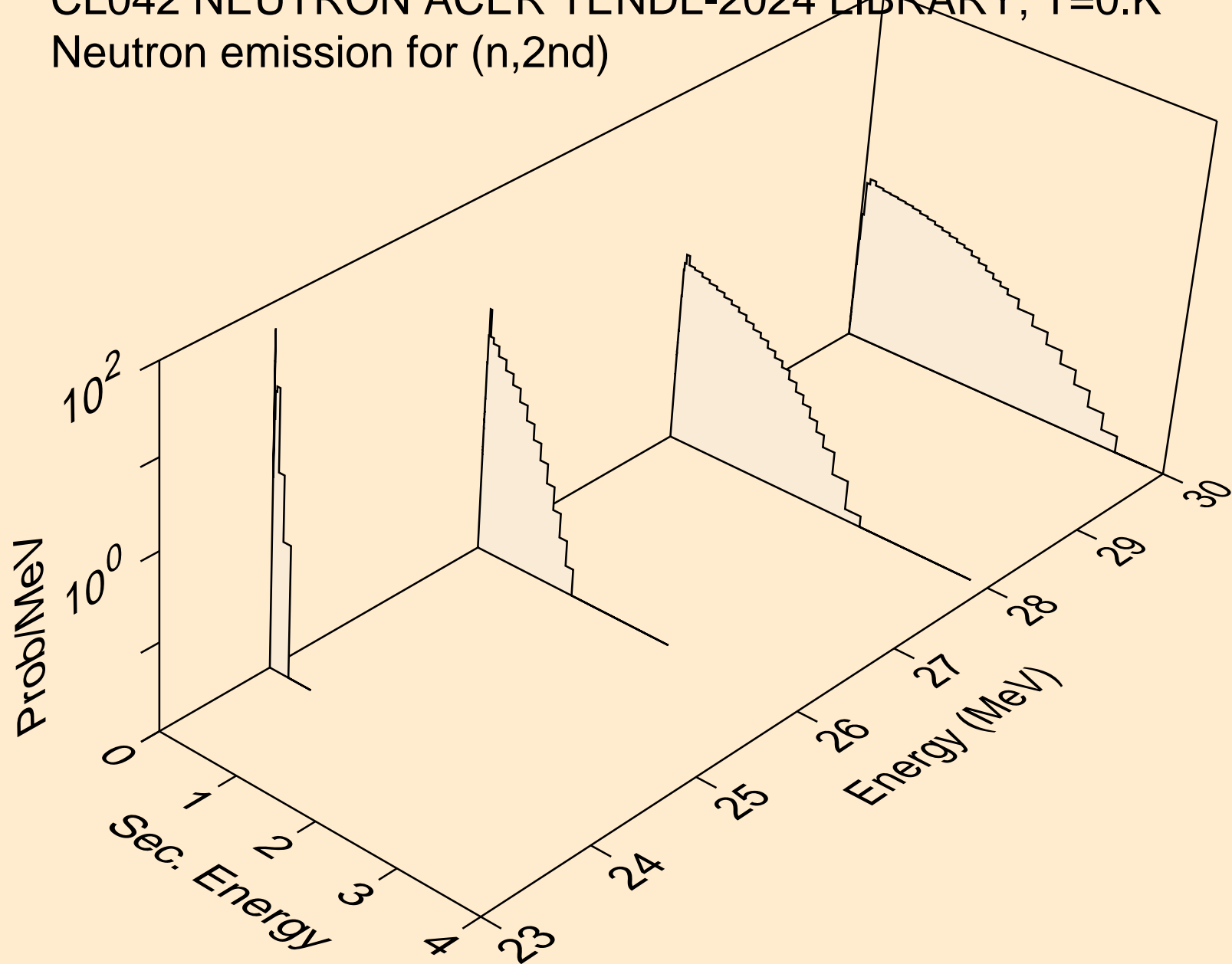
CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)



CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)

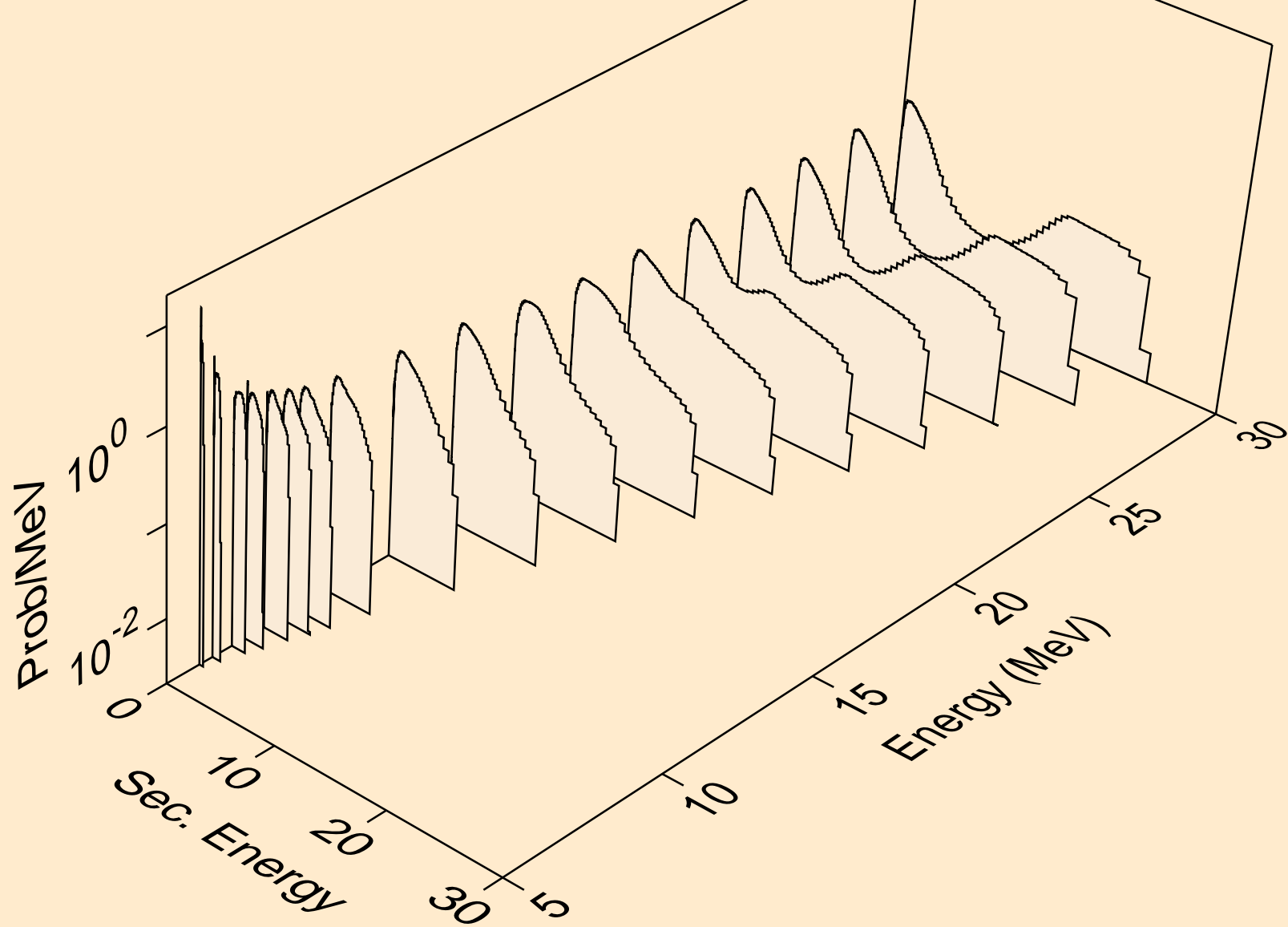


CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)

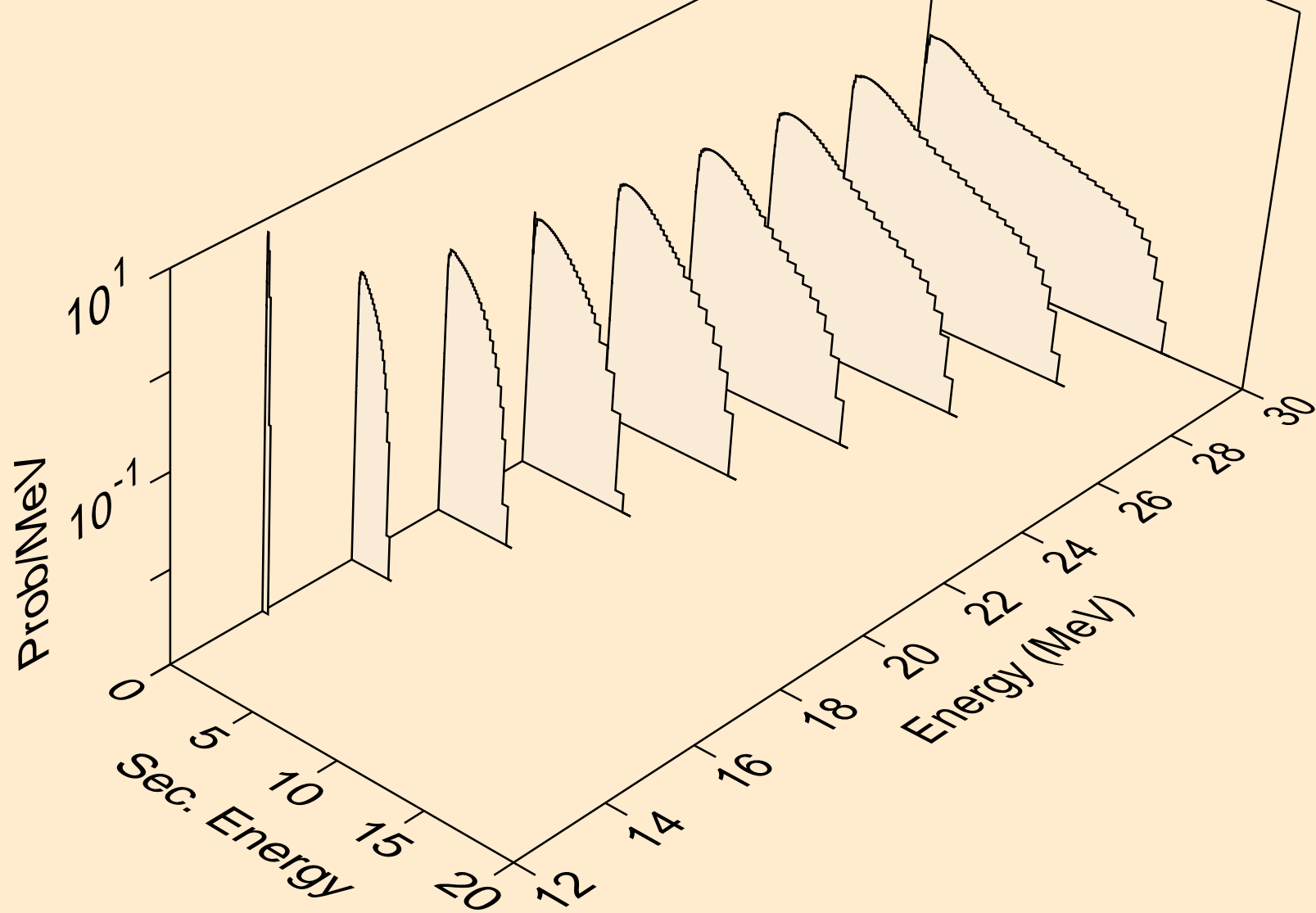




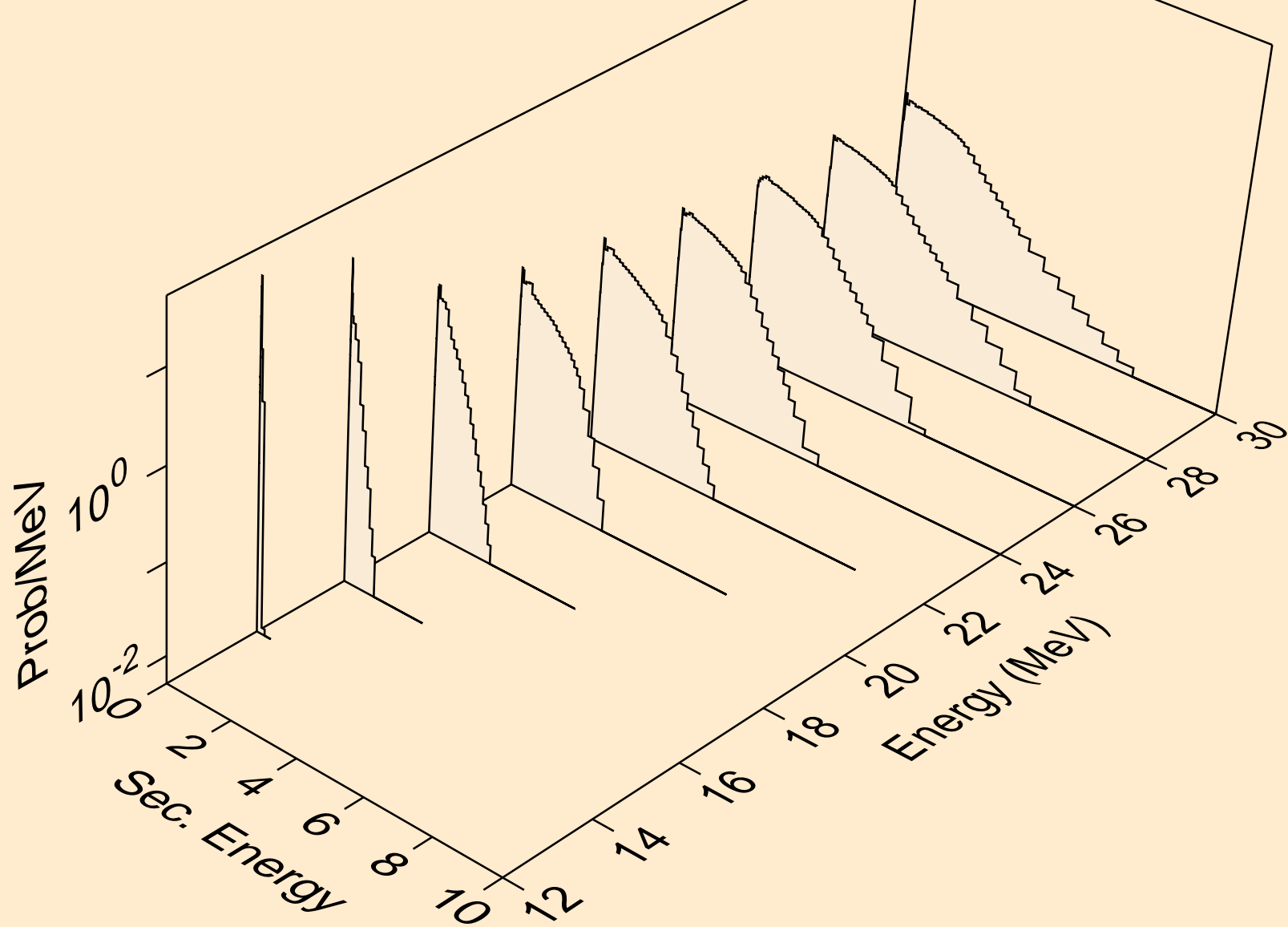
CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



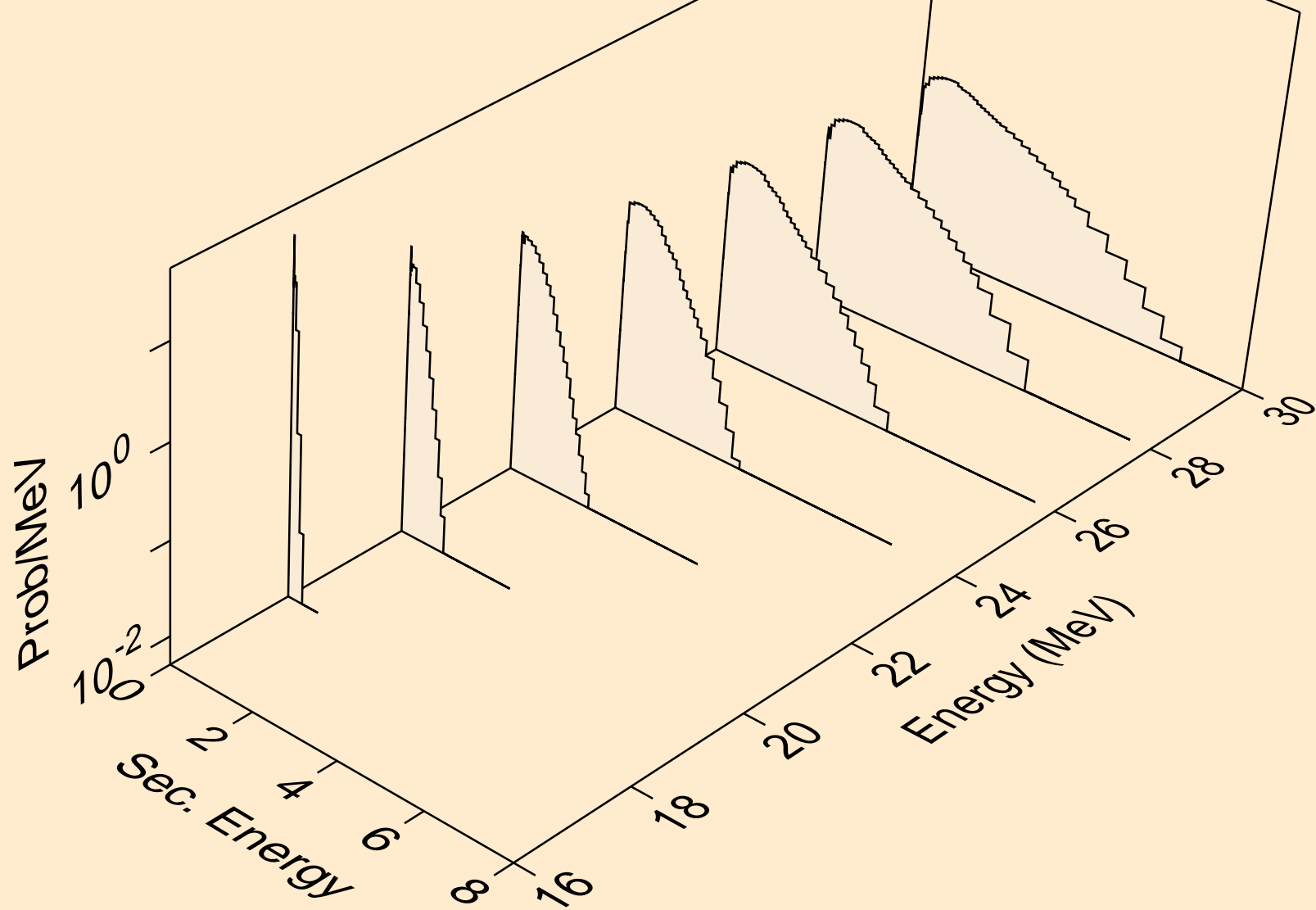
CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



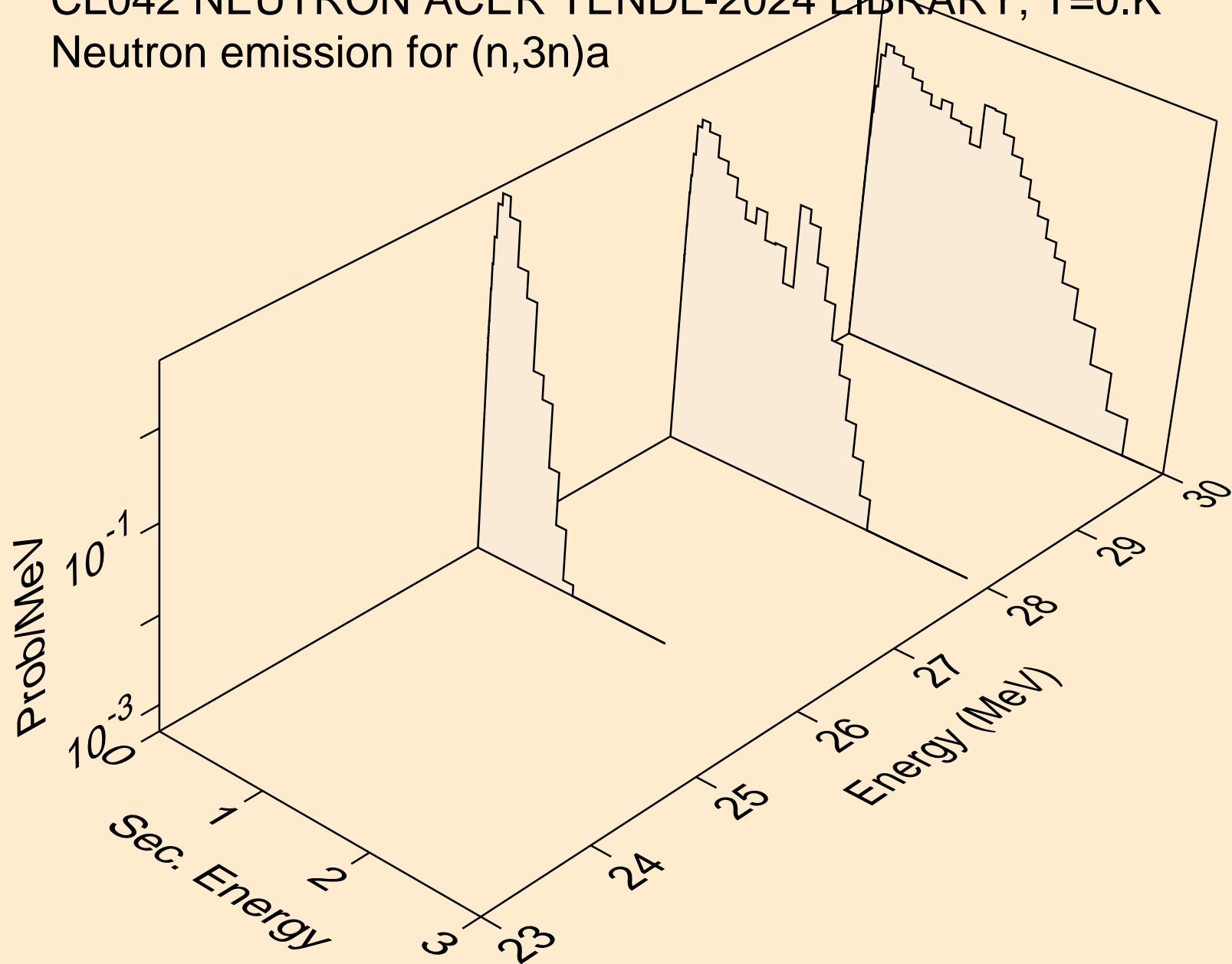
CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



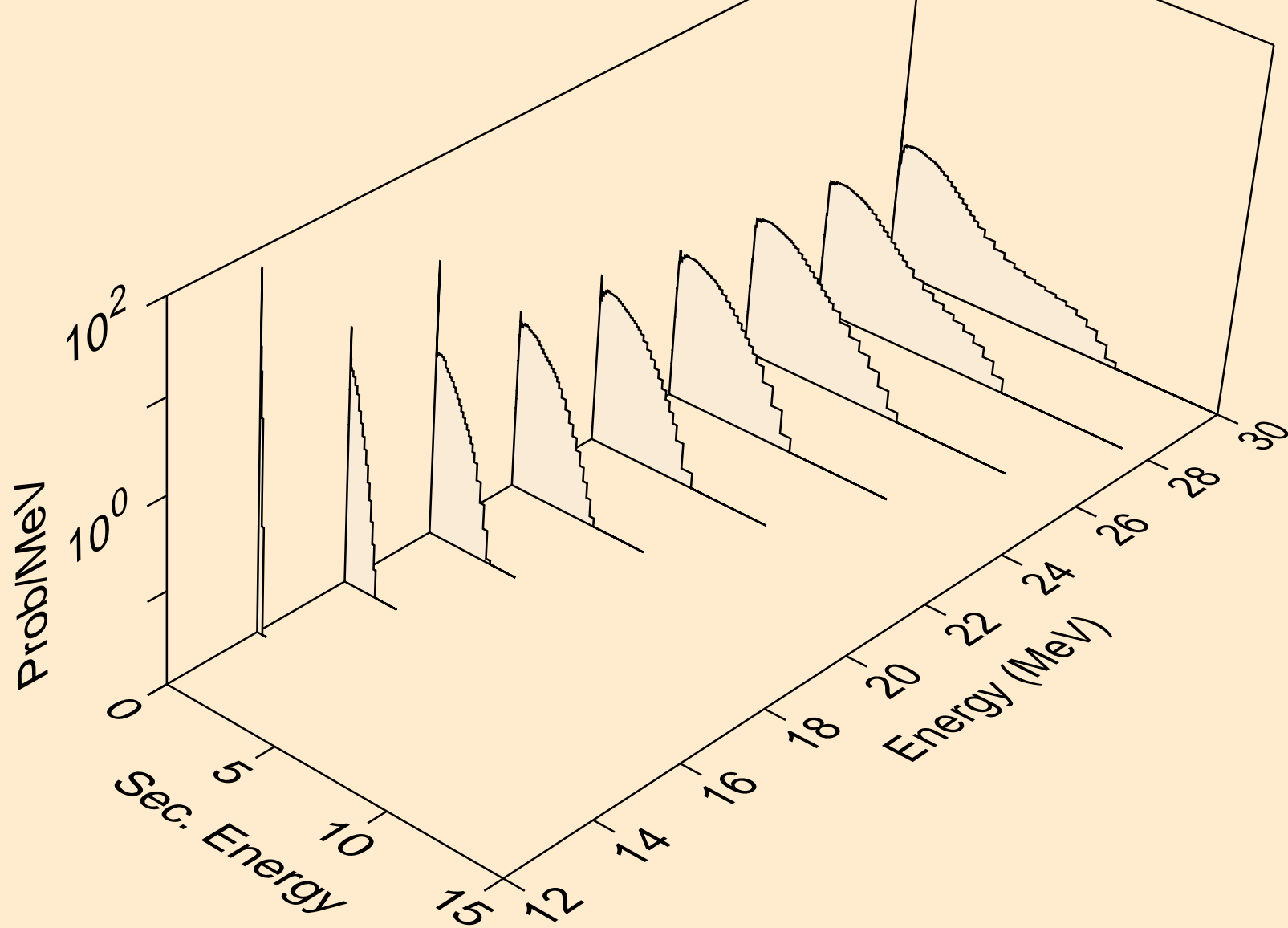
CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



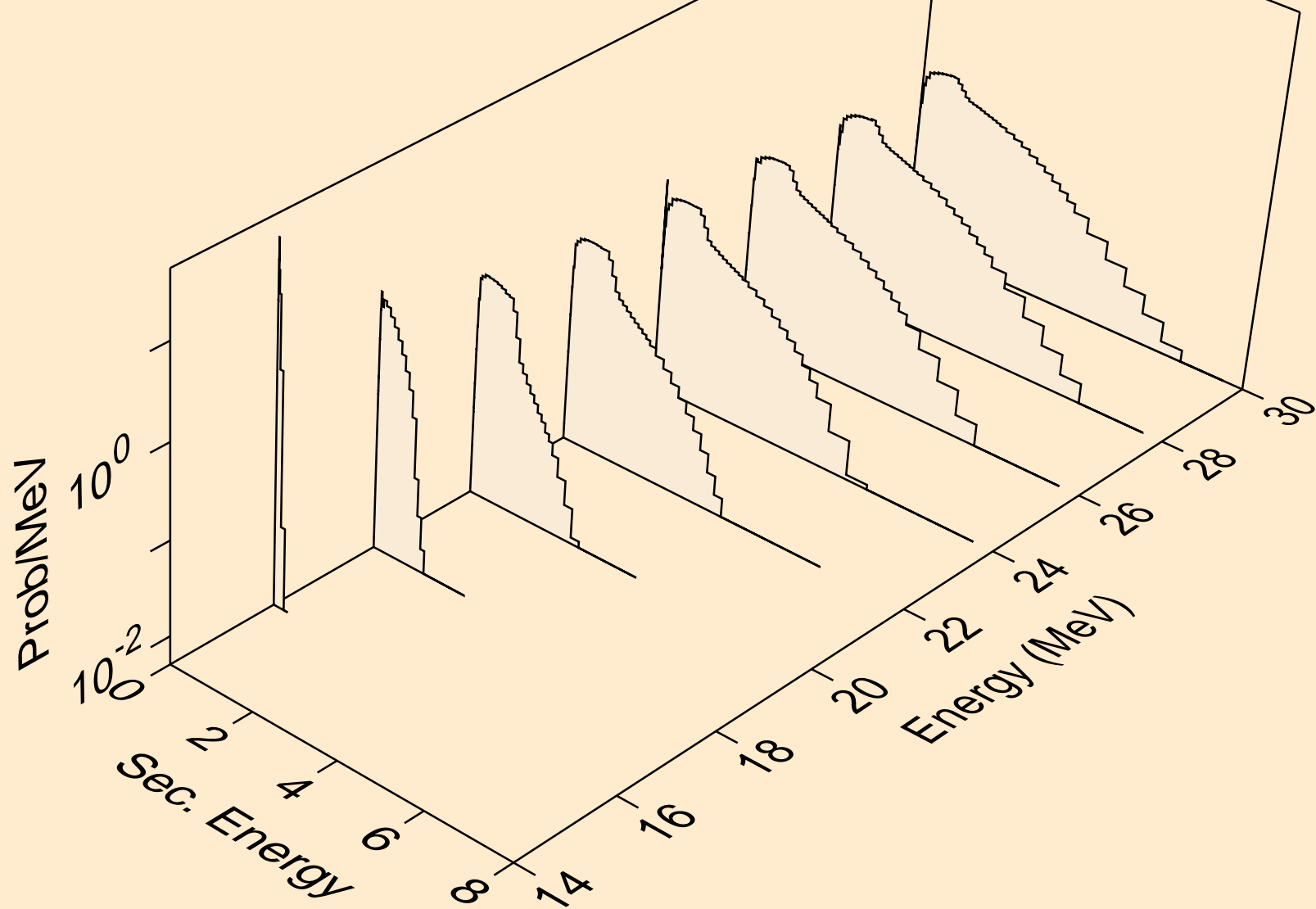
CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



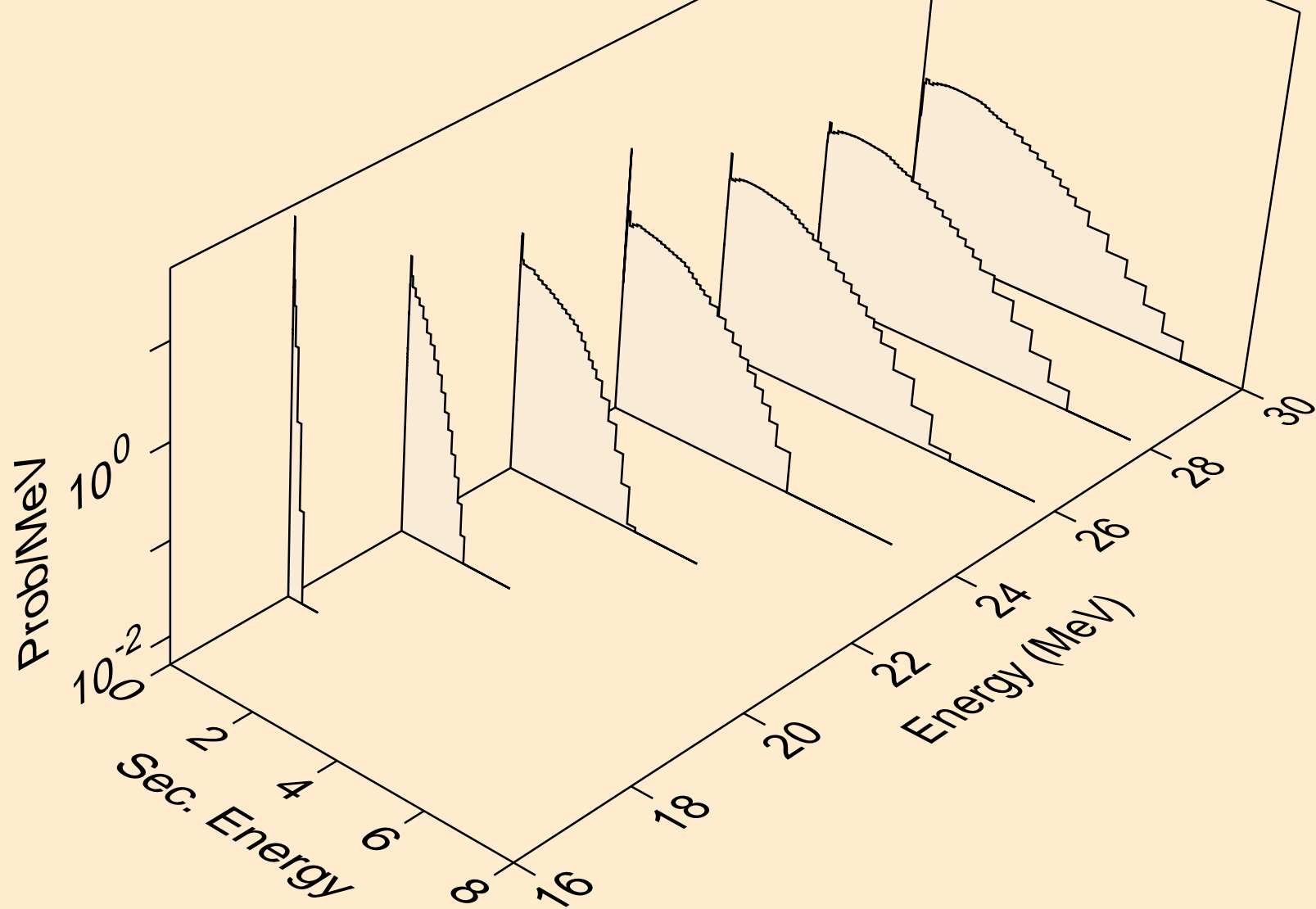
CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d

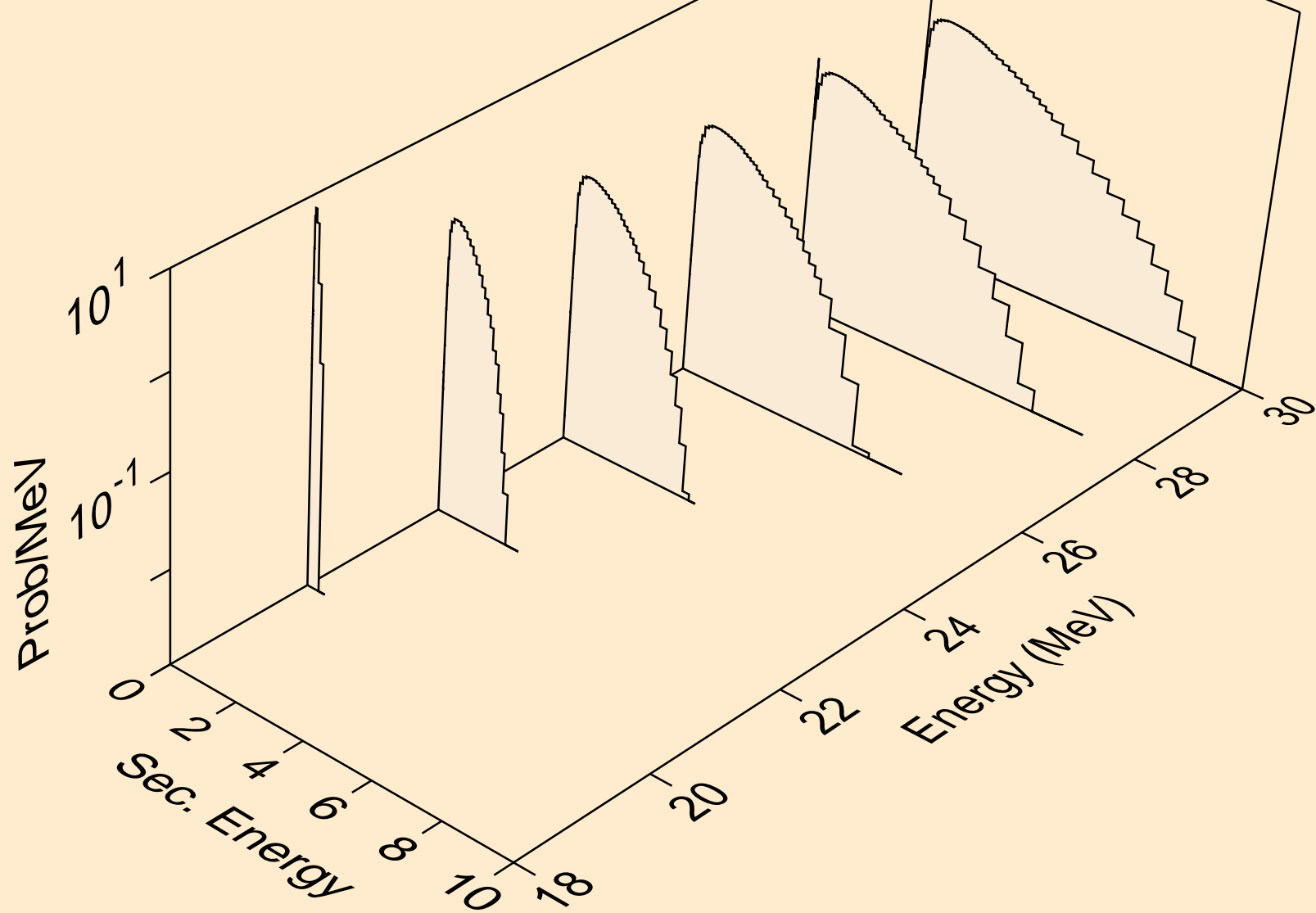


CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t

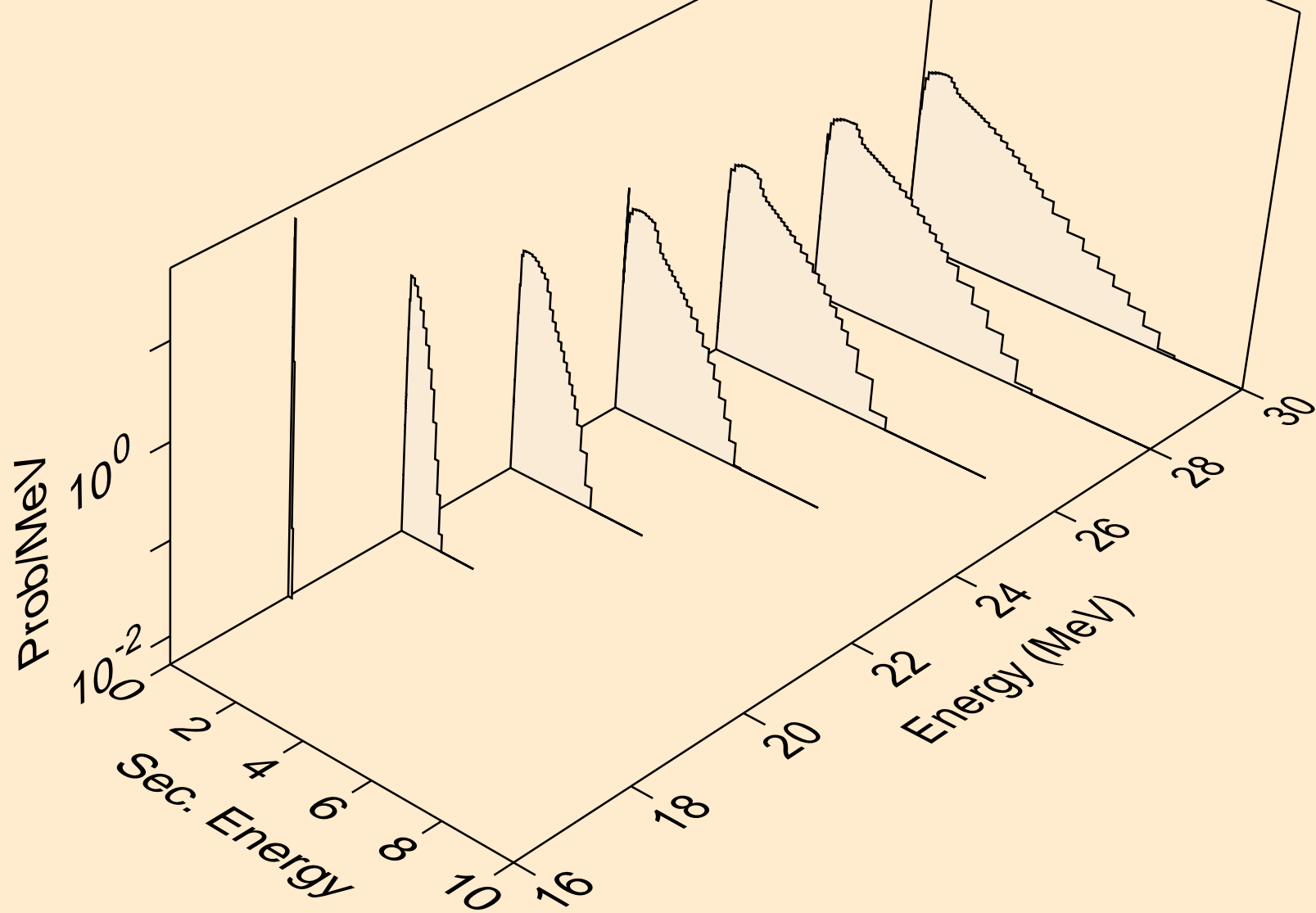




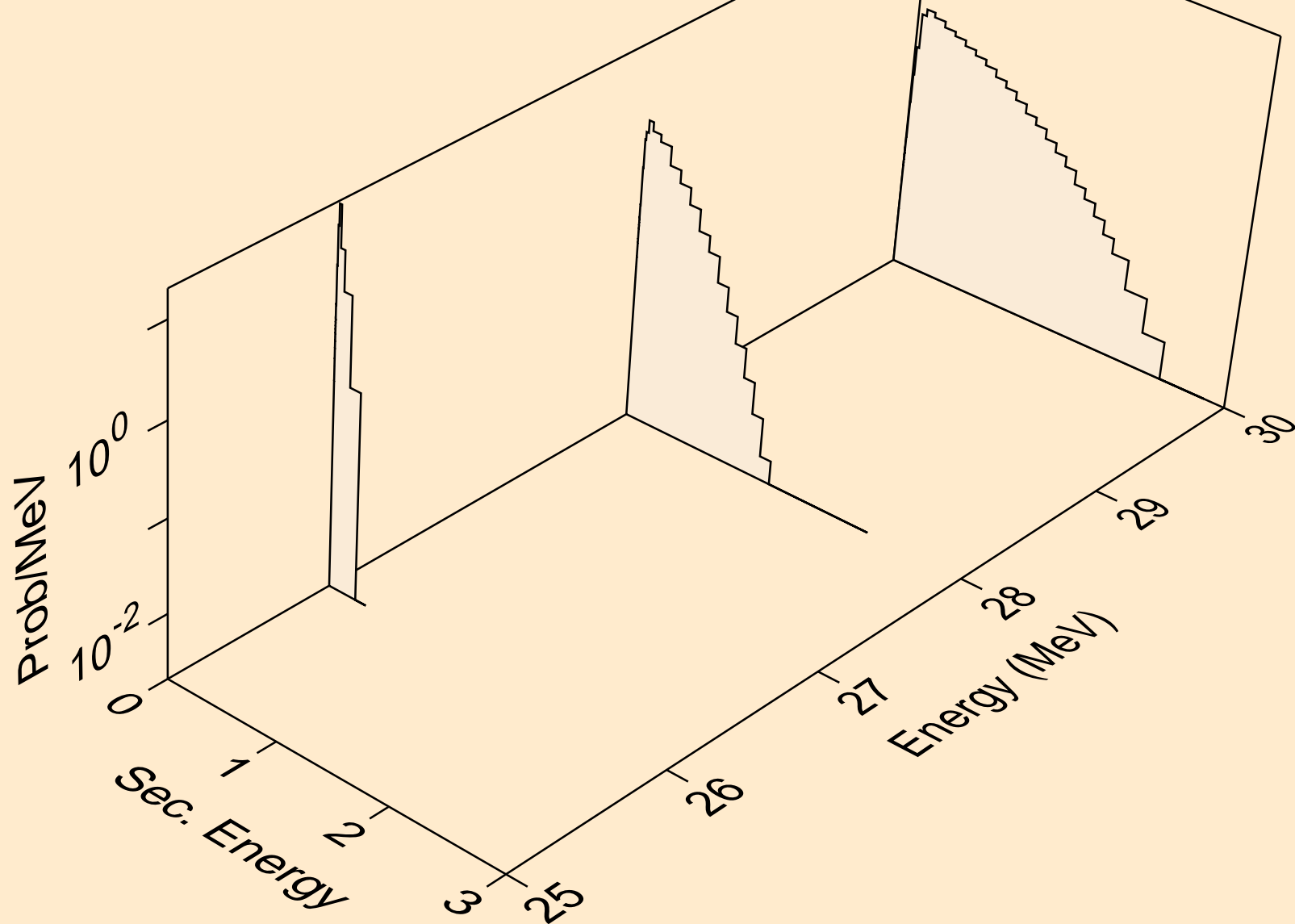
CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



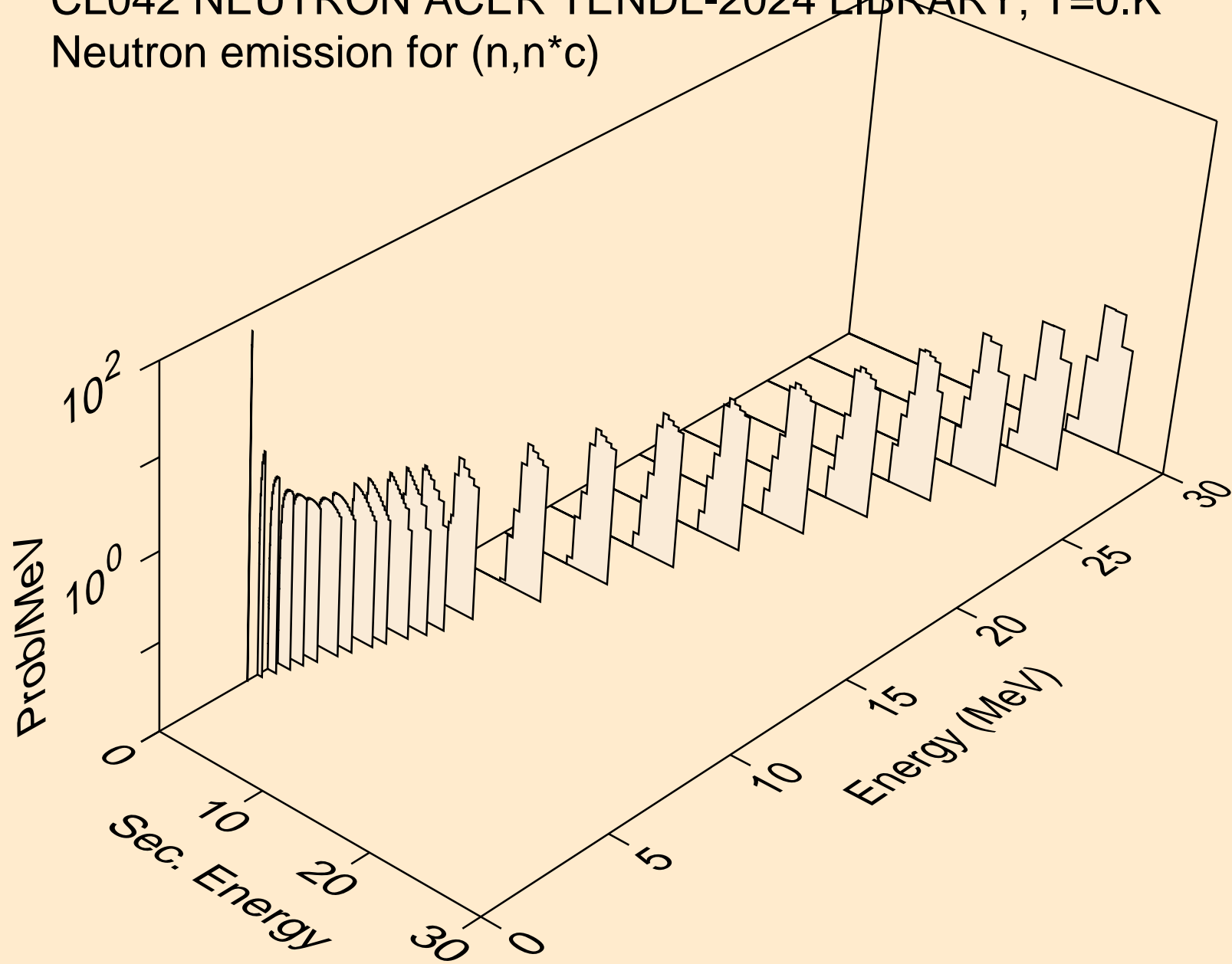
CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



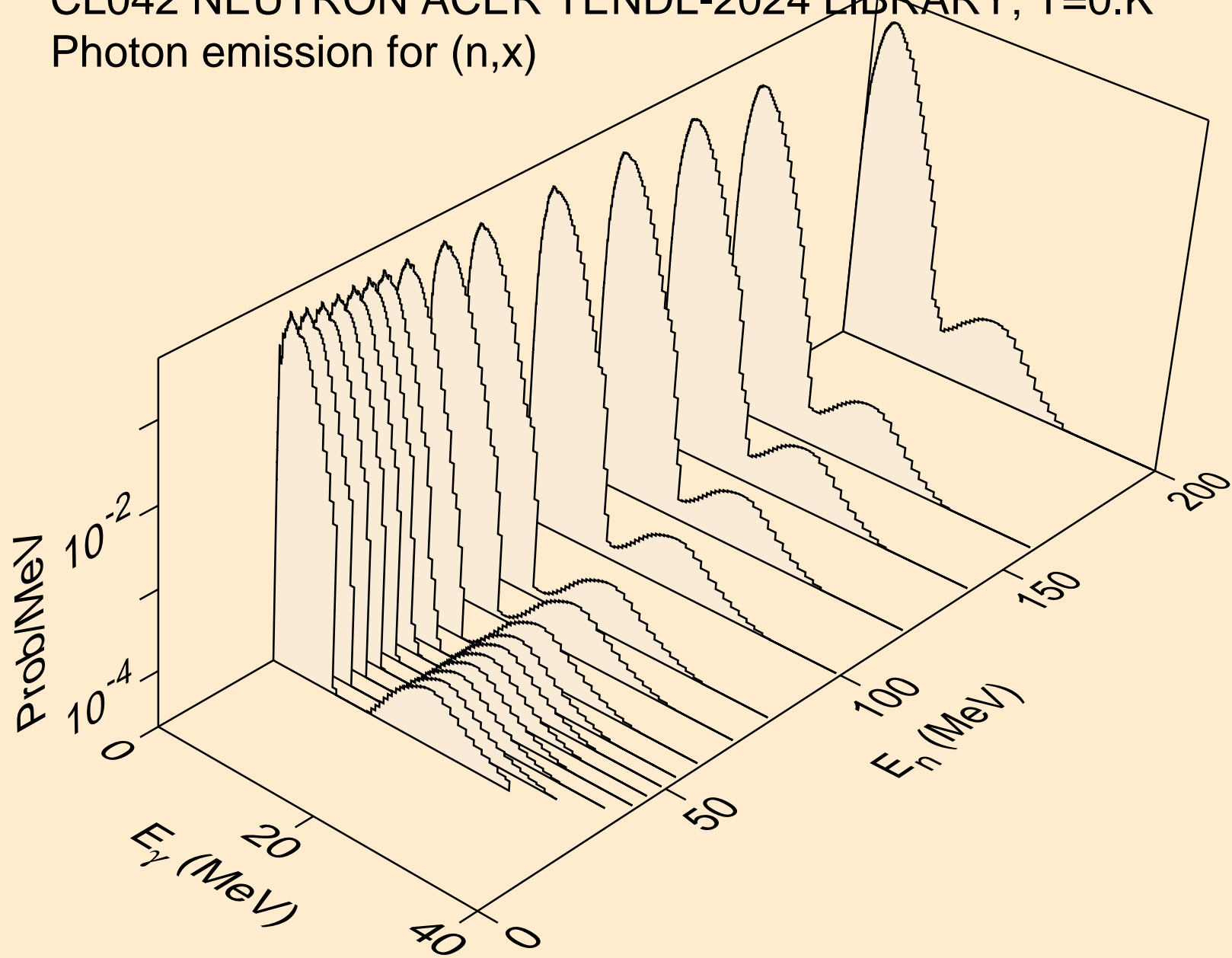
CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



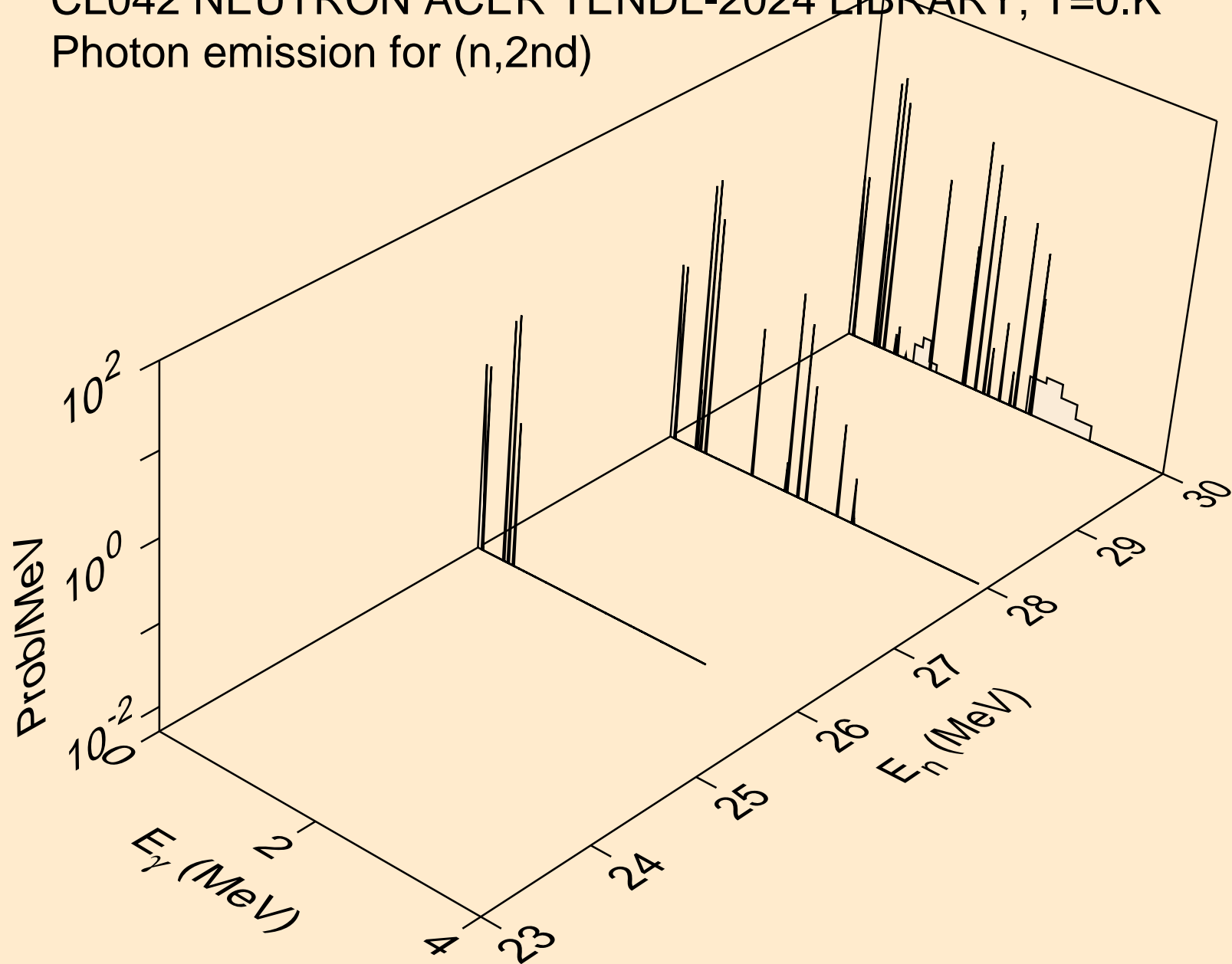
CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



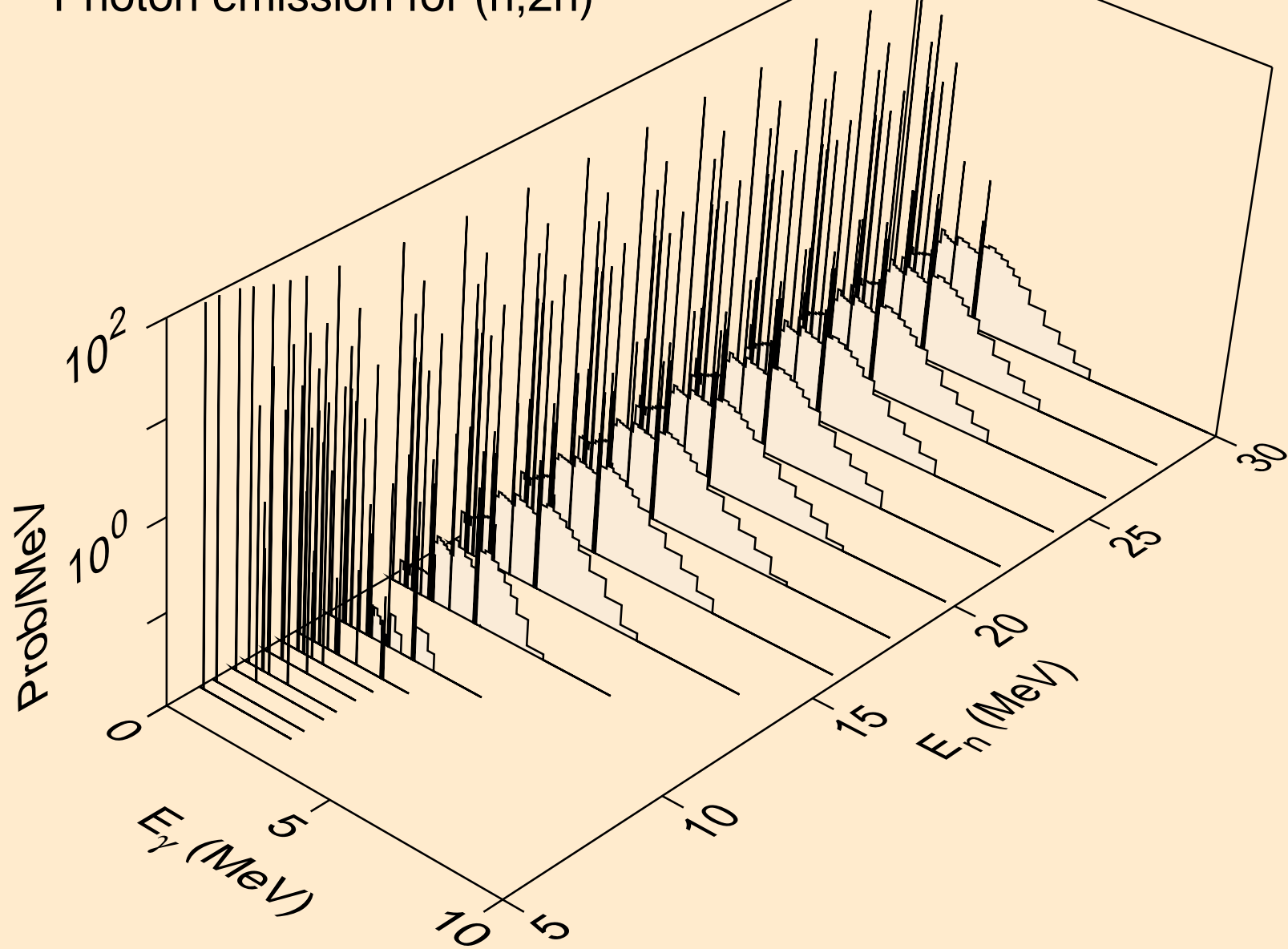
CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



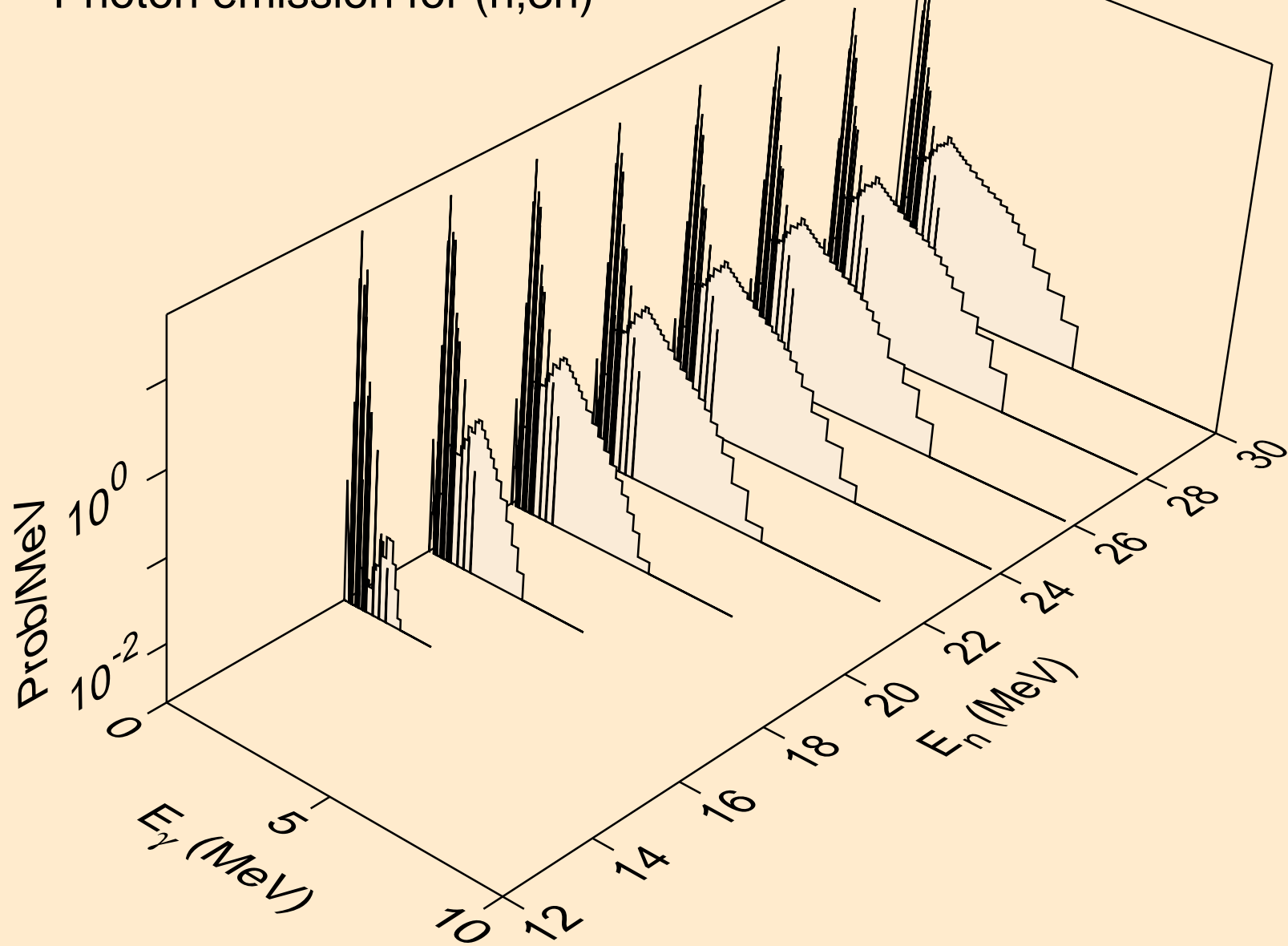
CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)

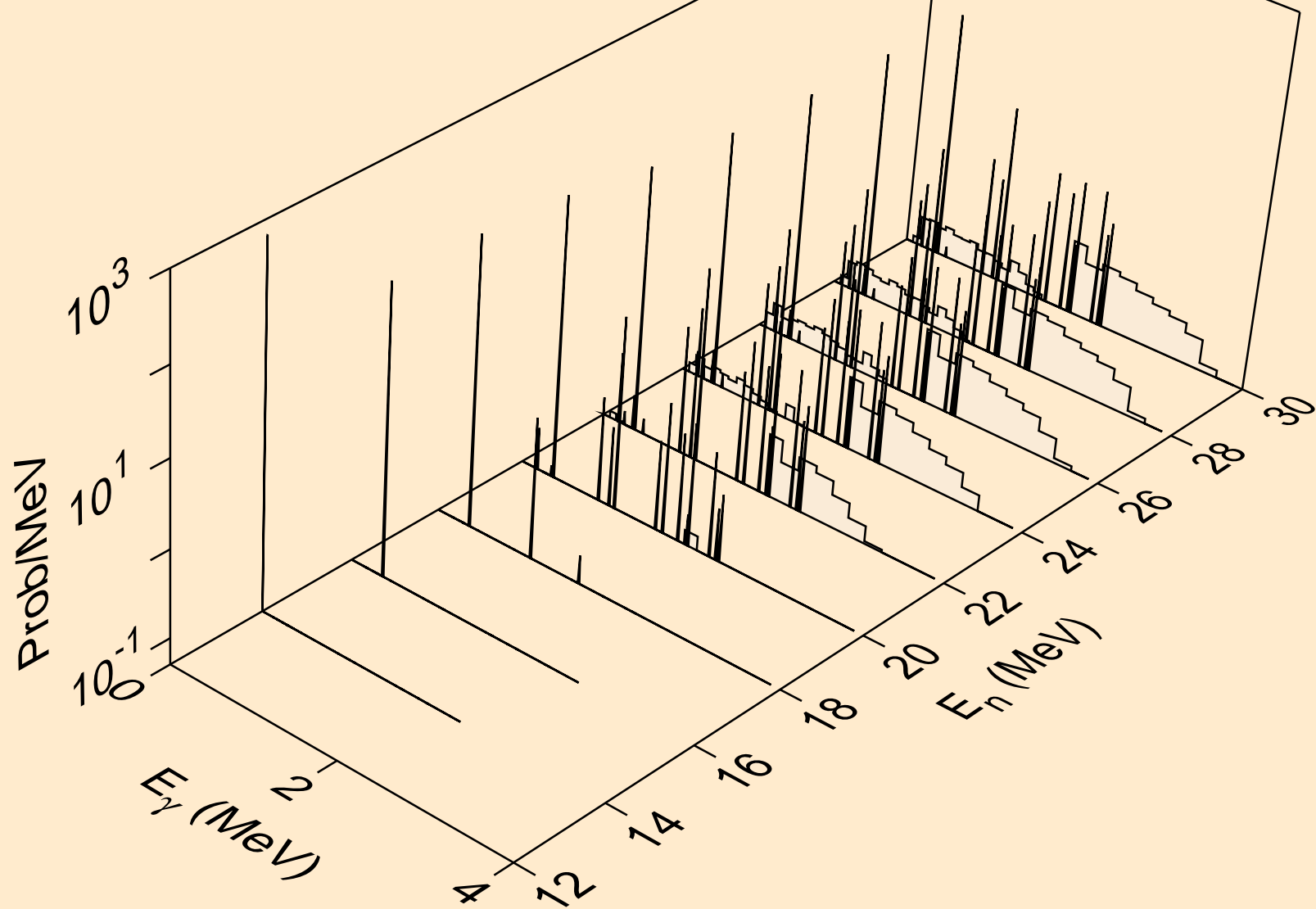


CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)

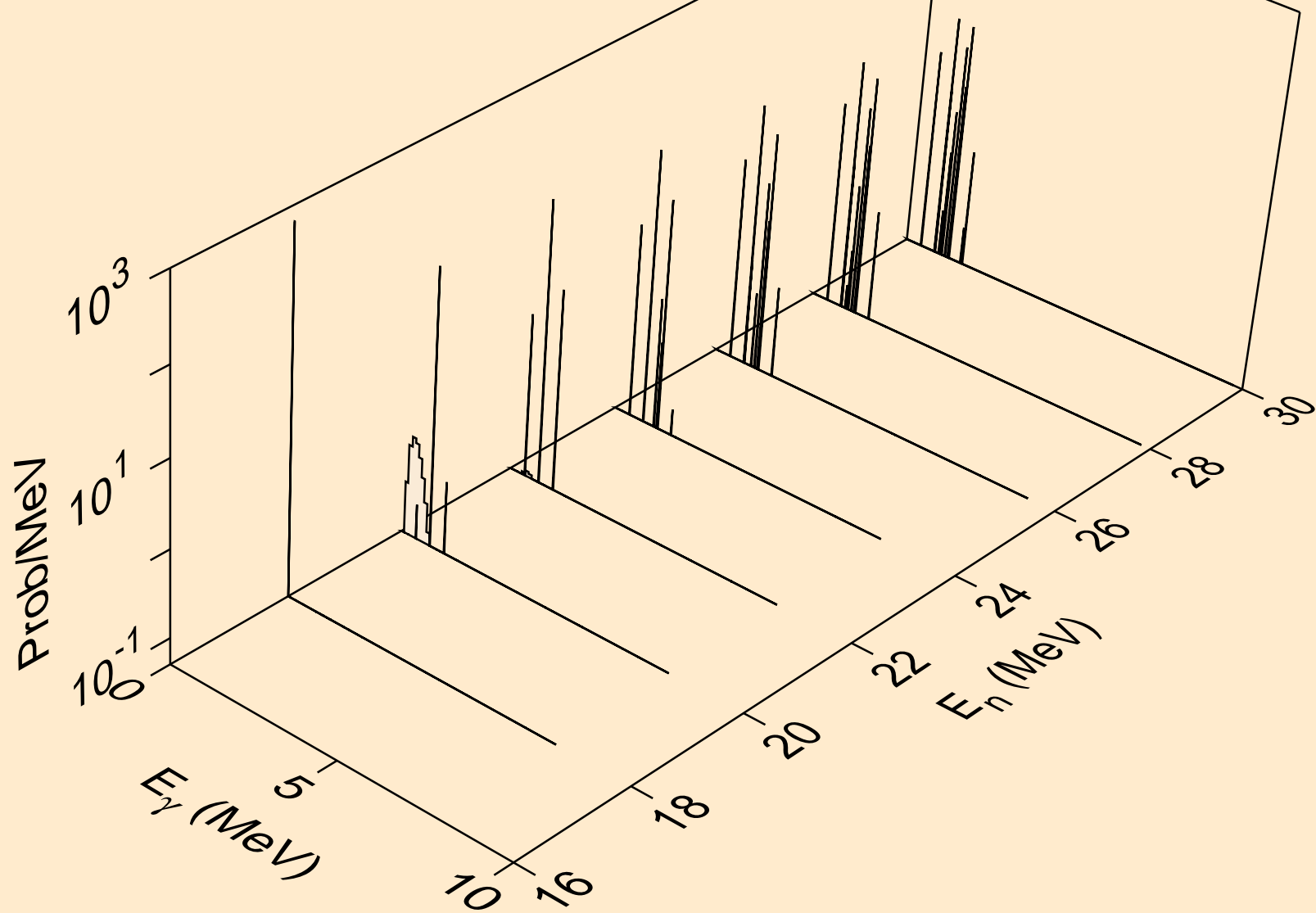




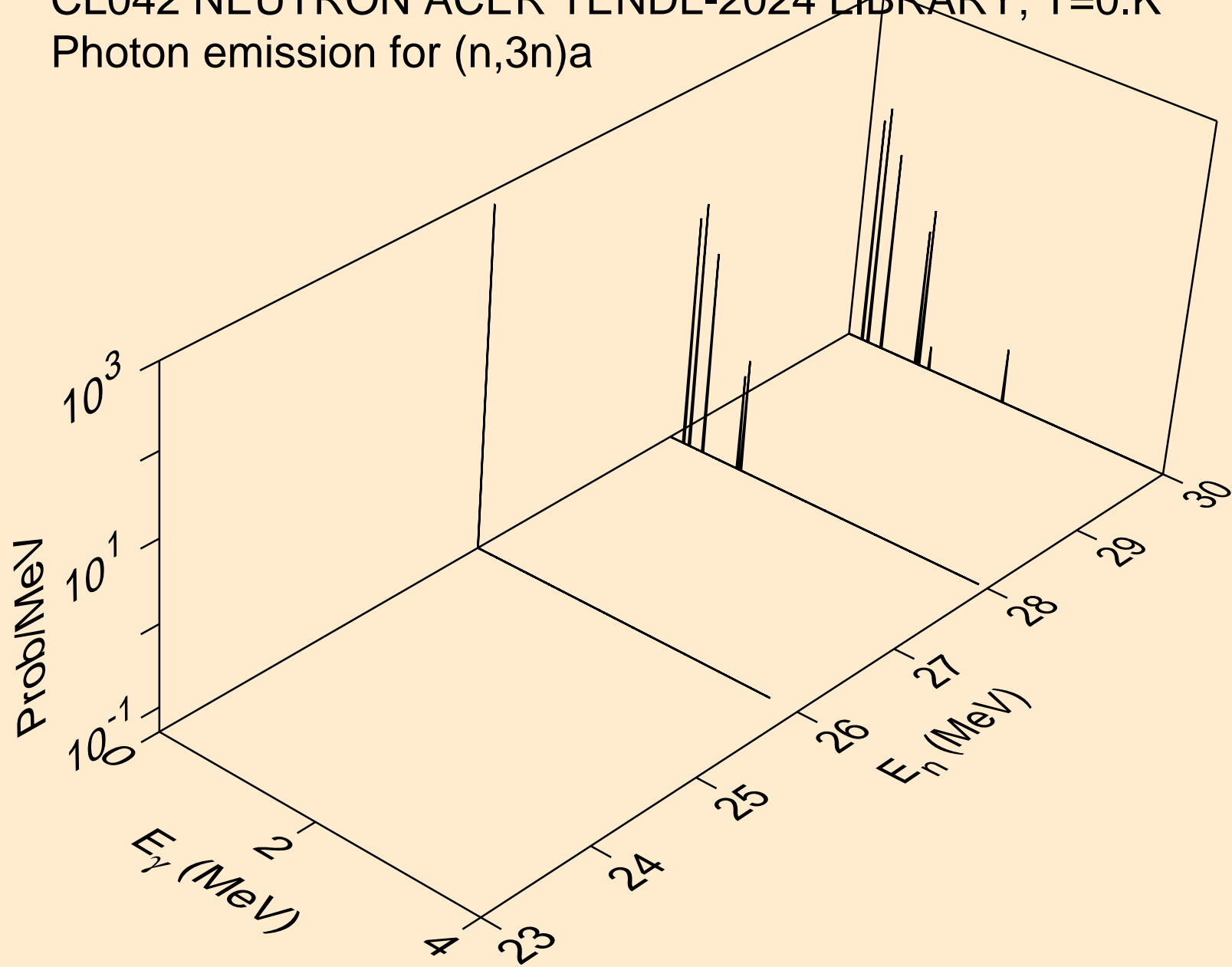
CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



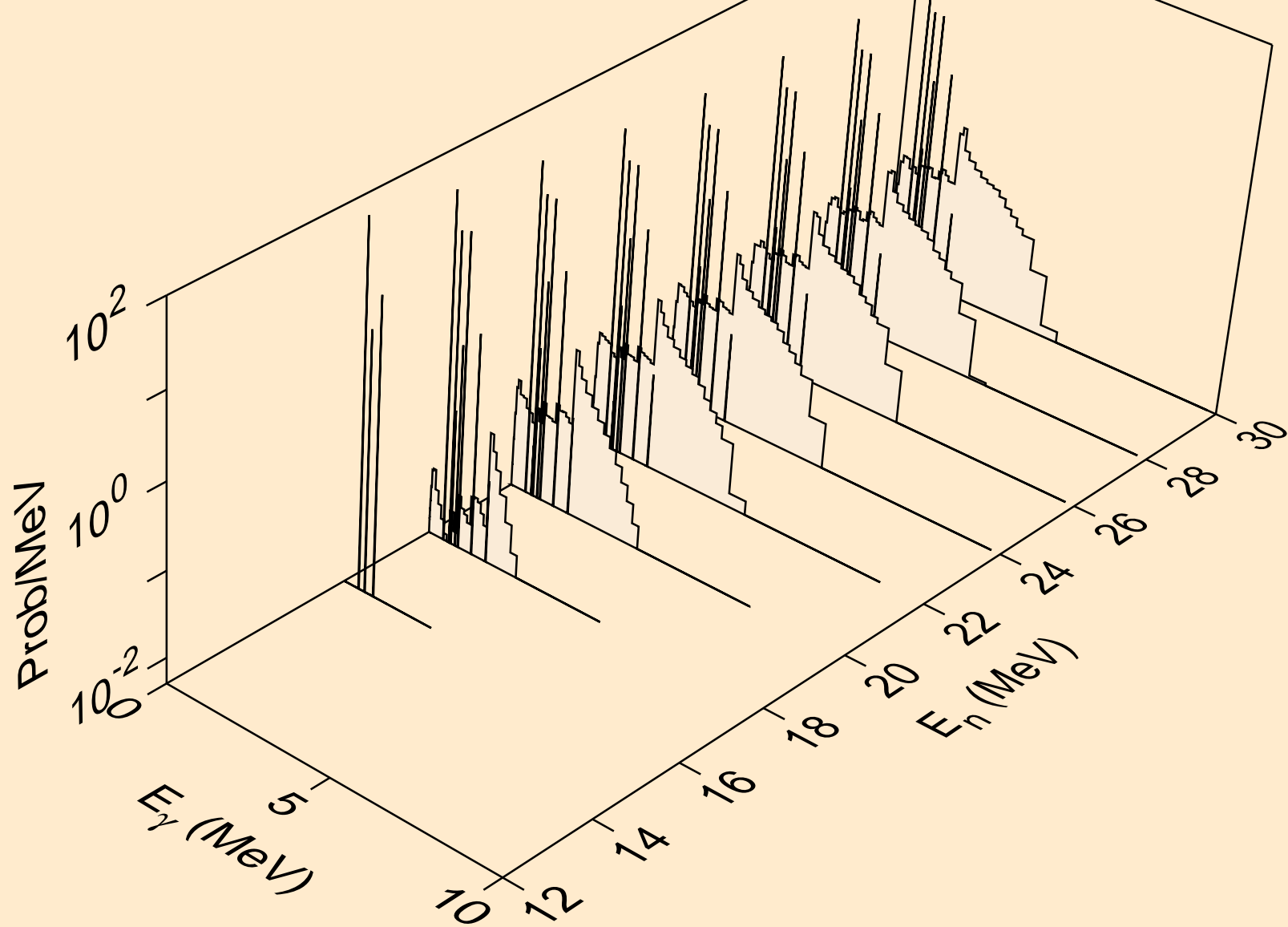
CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



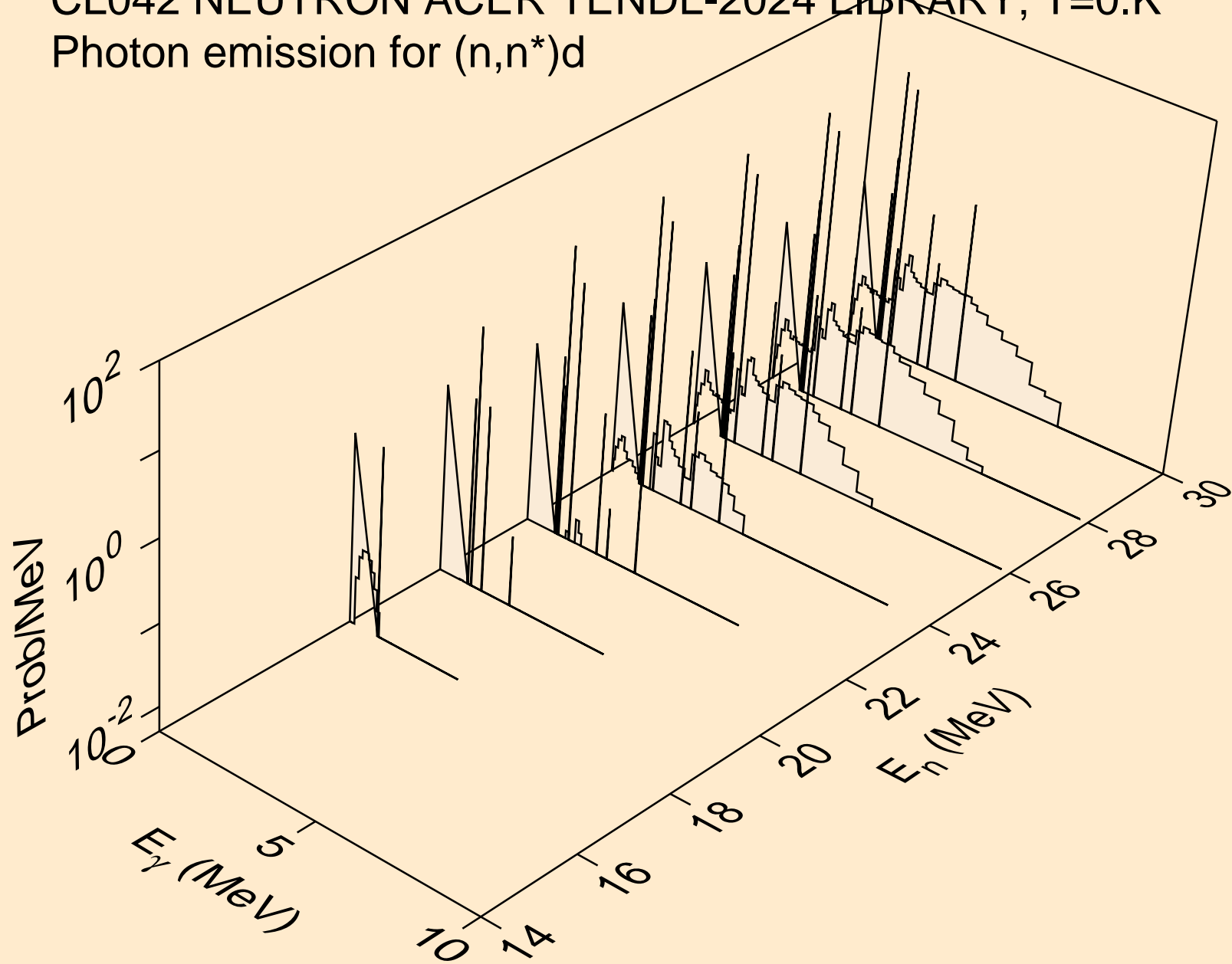
CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a



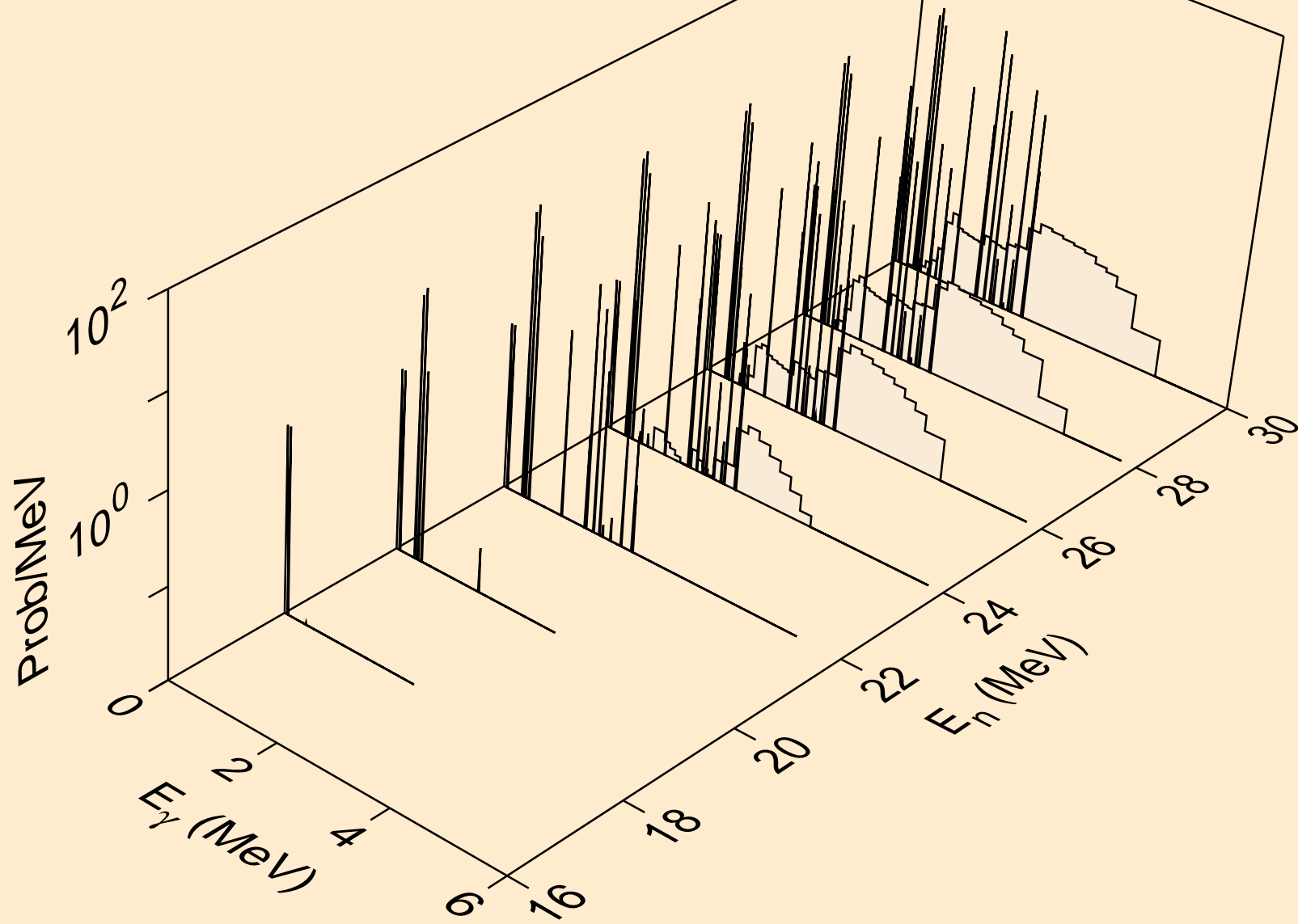
CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



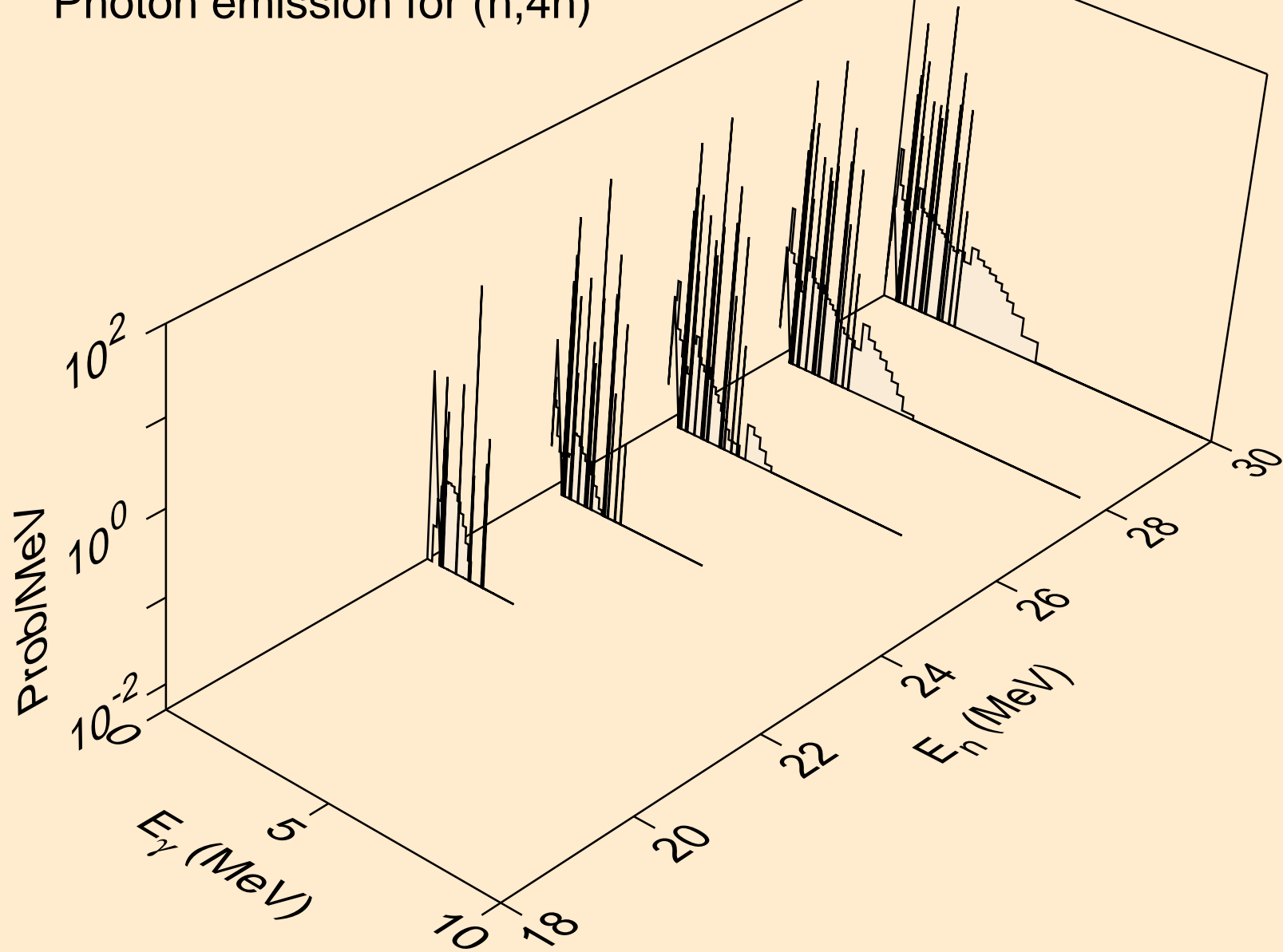
CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



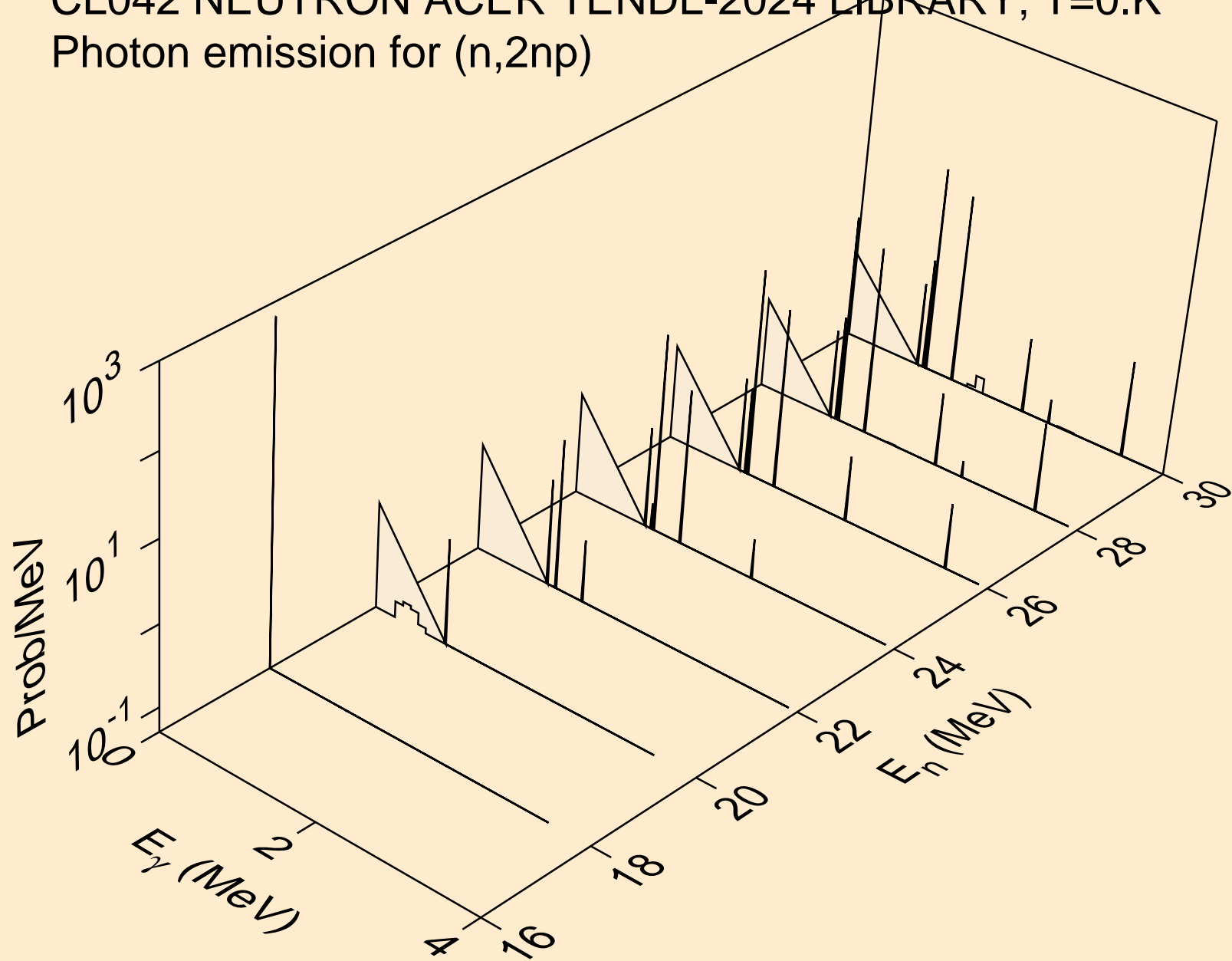
CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)

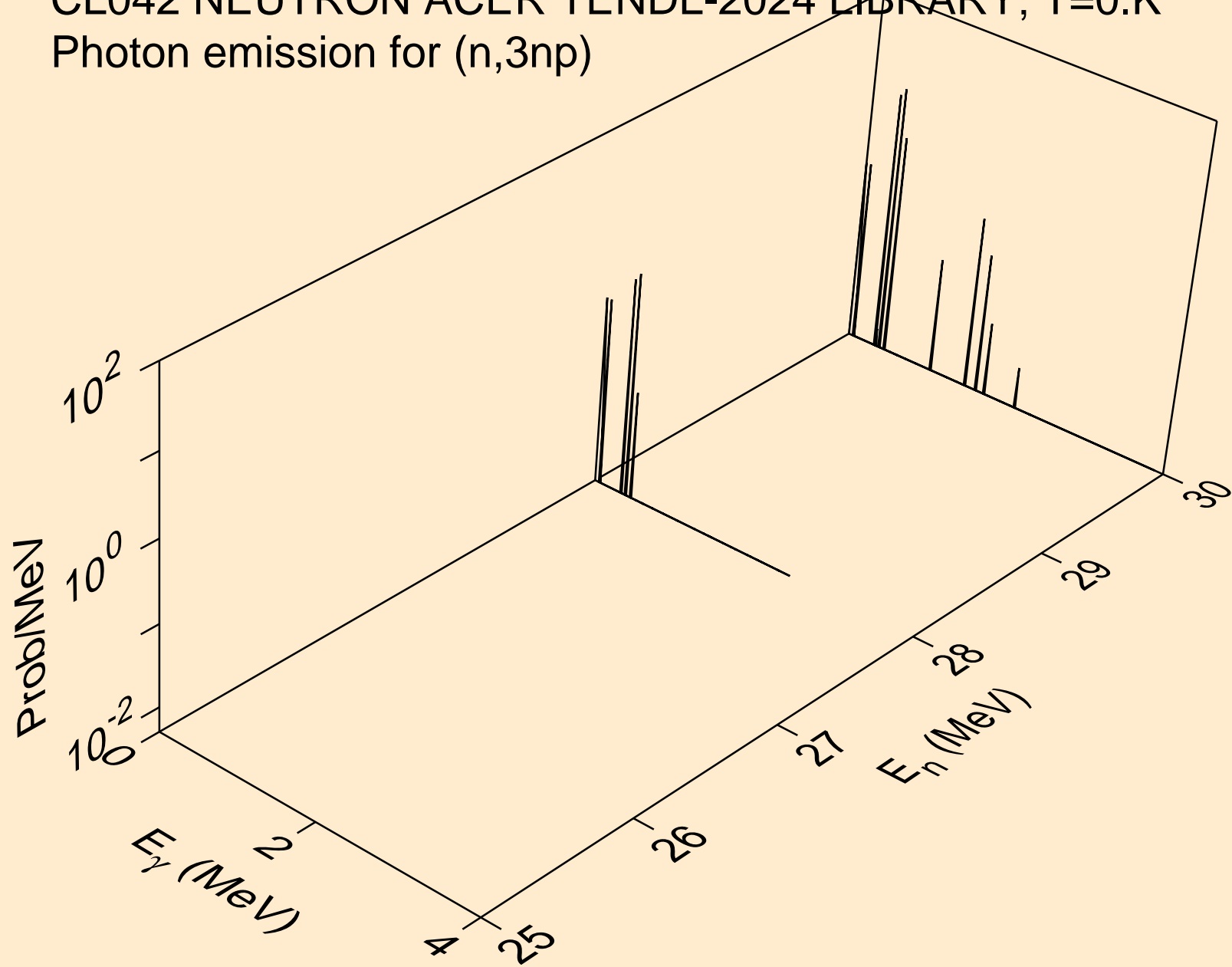


CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)

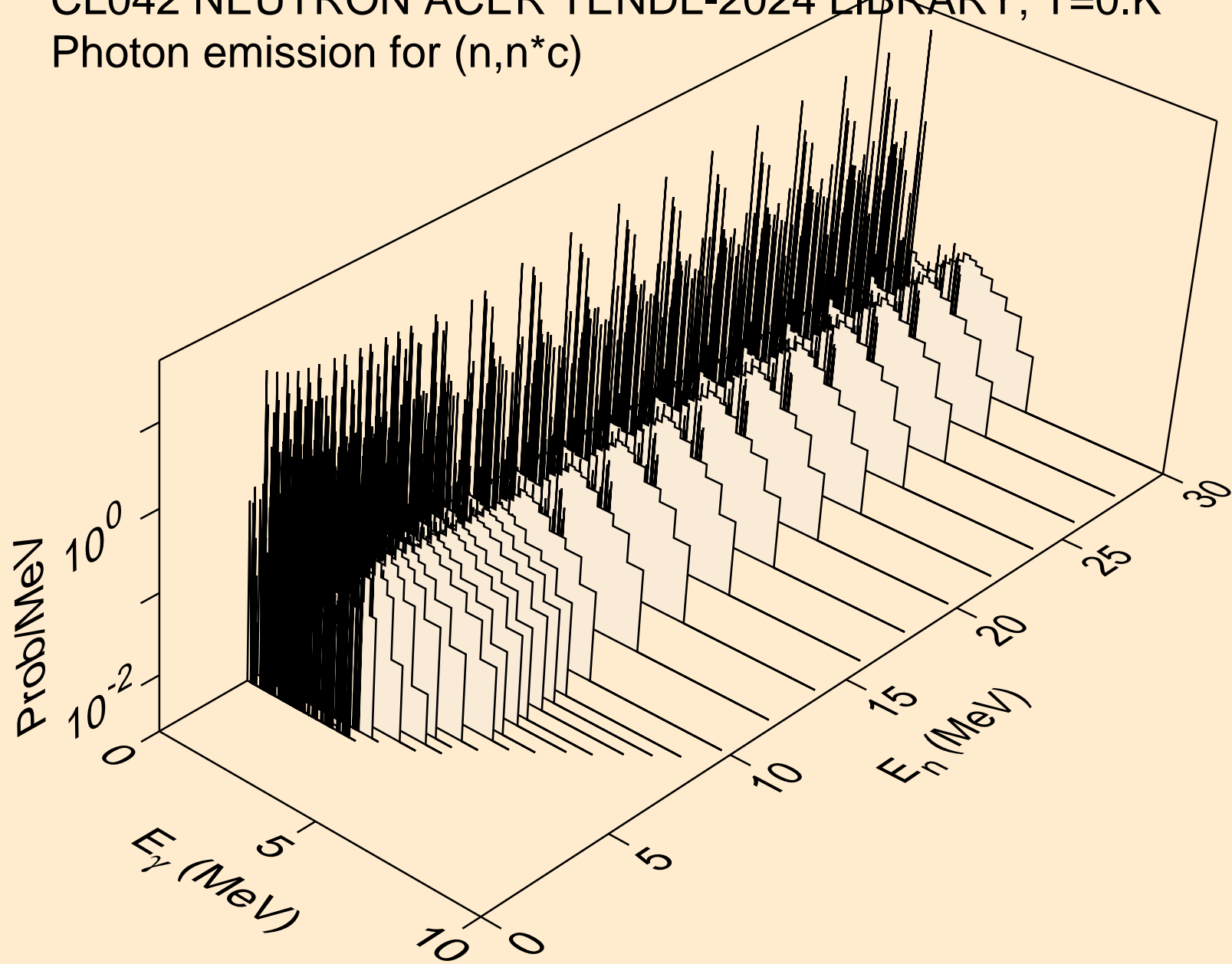




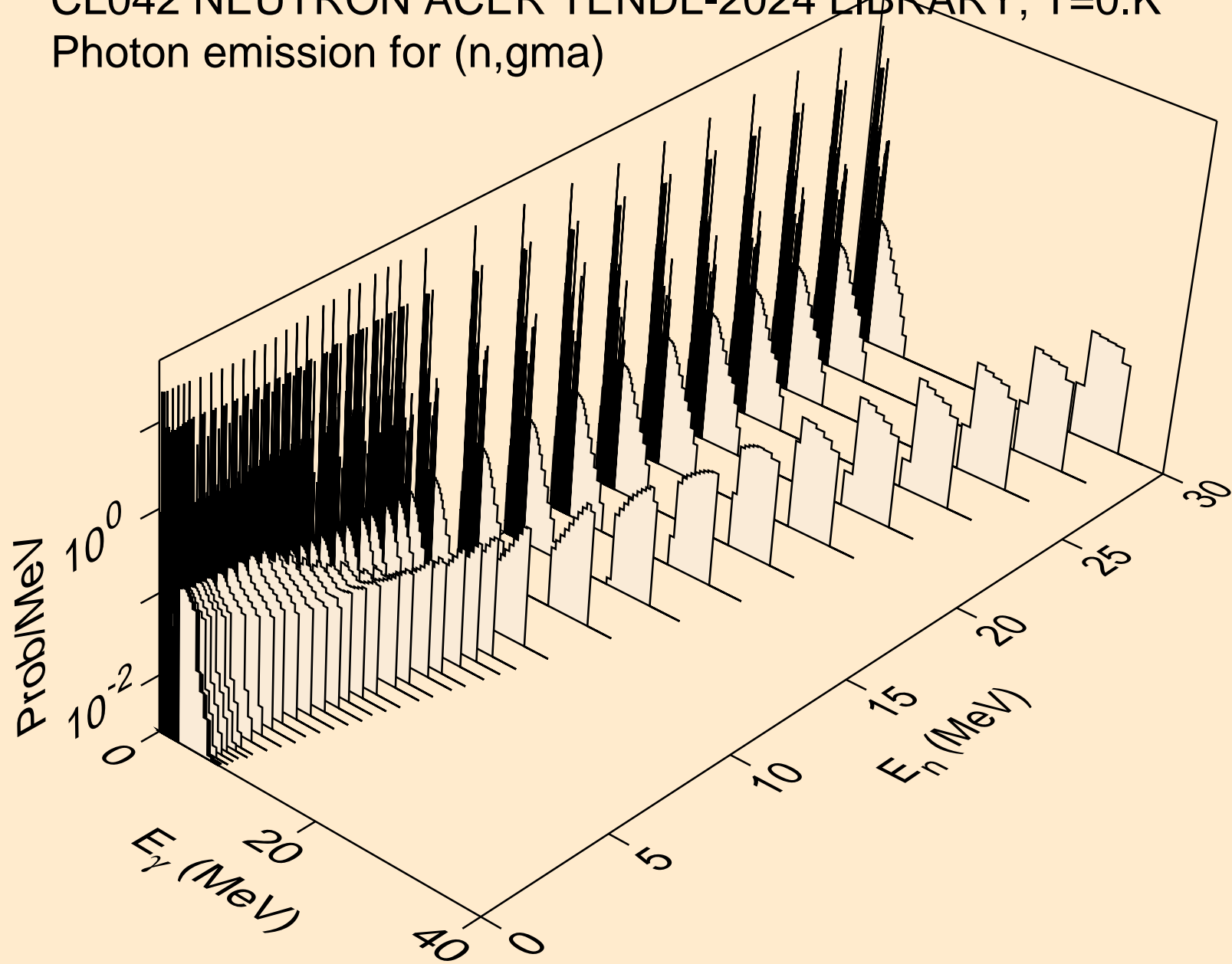
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Photon emission for (n,3np)



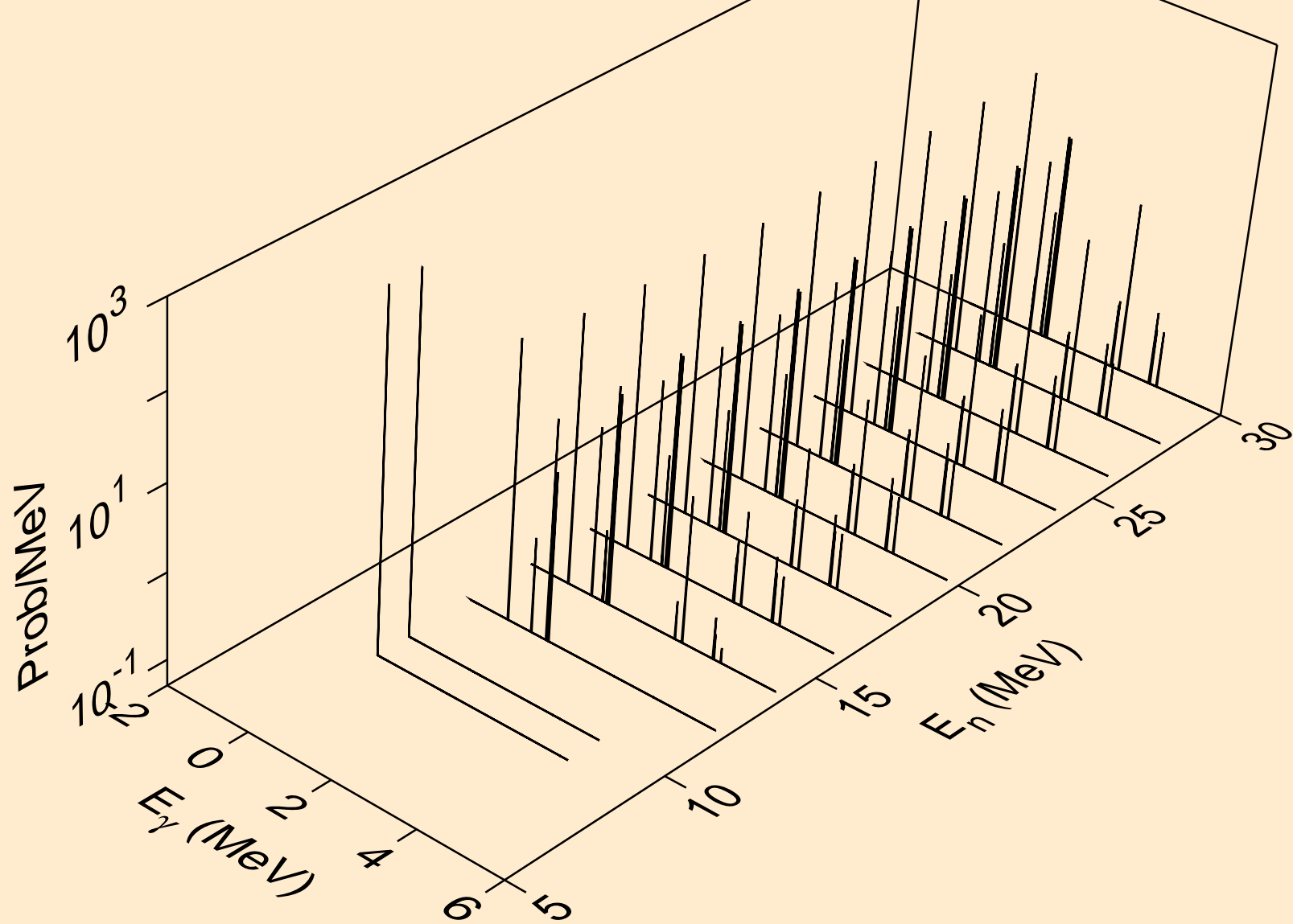
CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



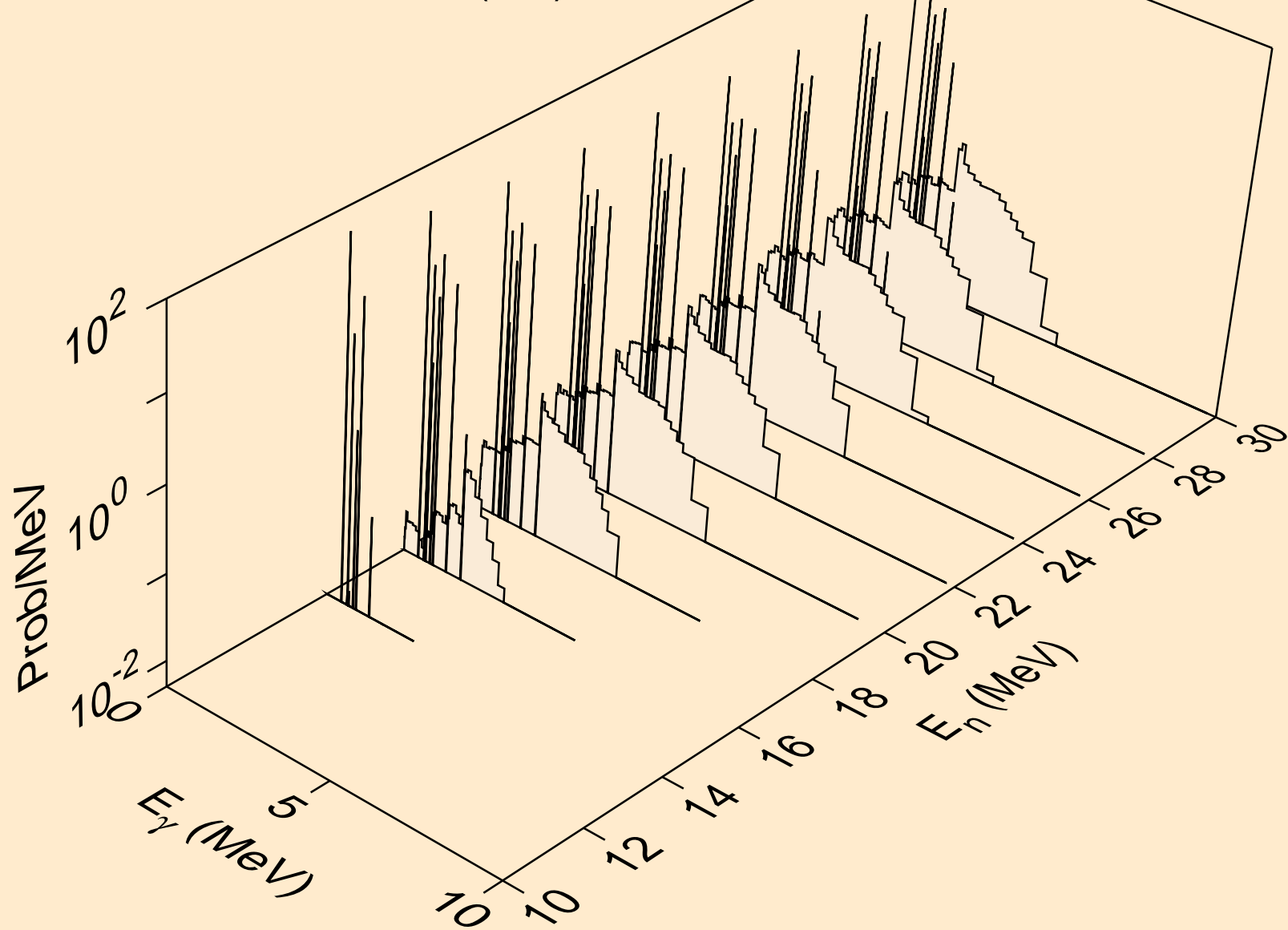
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Photon emission for (n,gma)



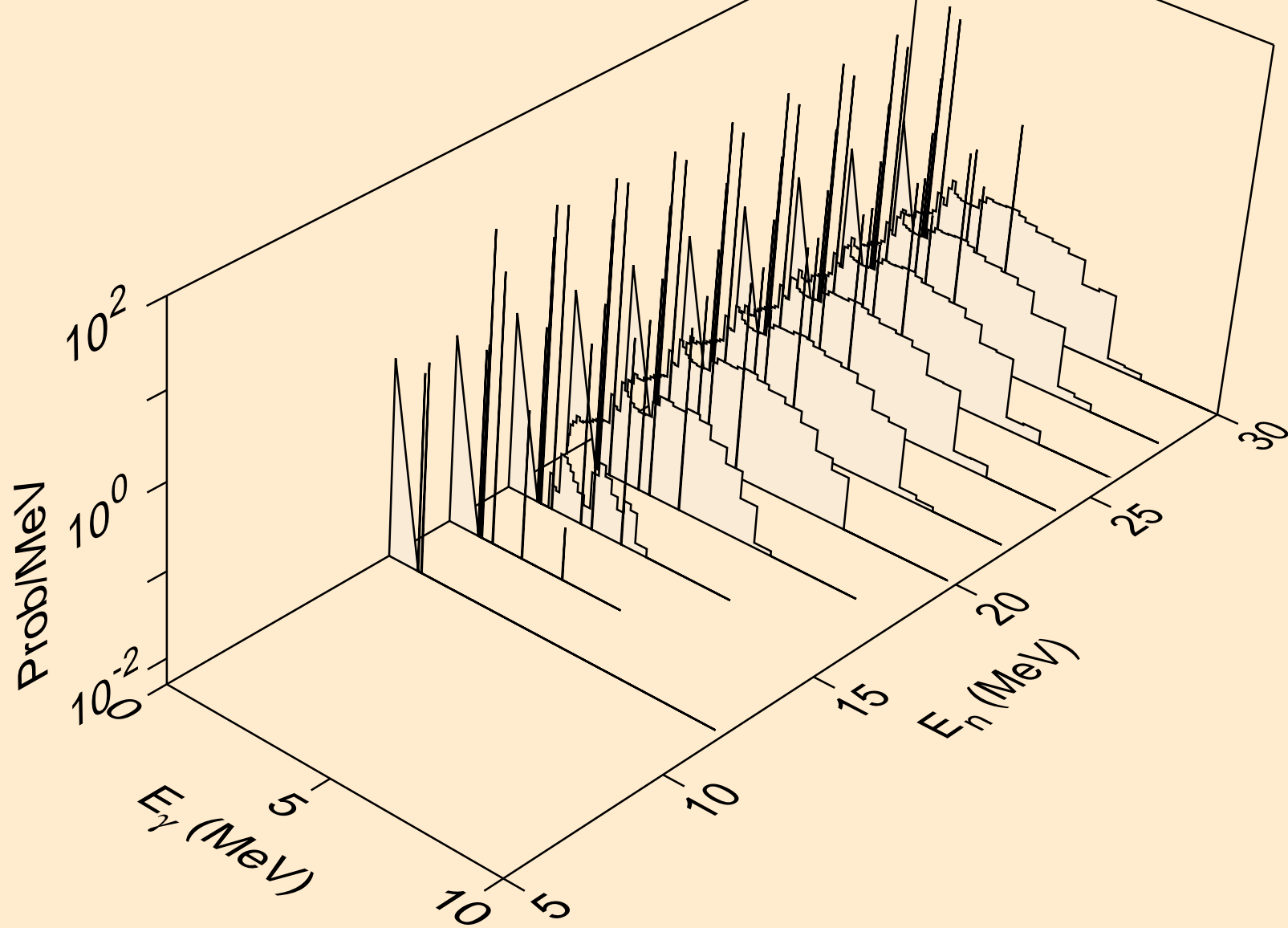
CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



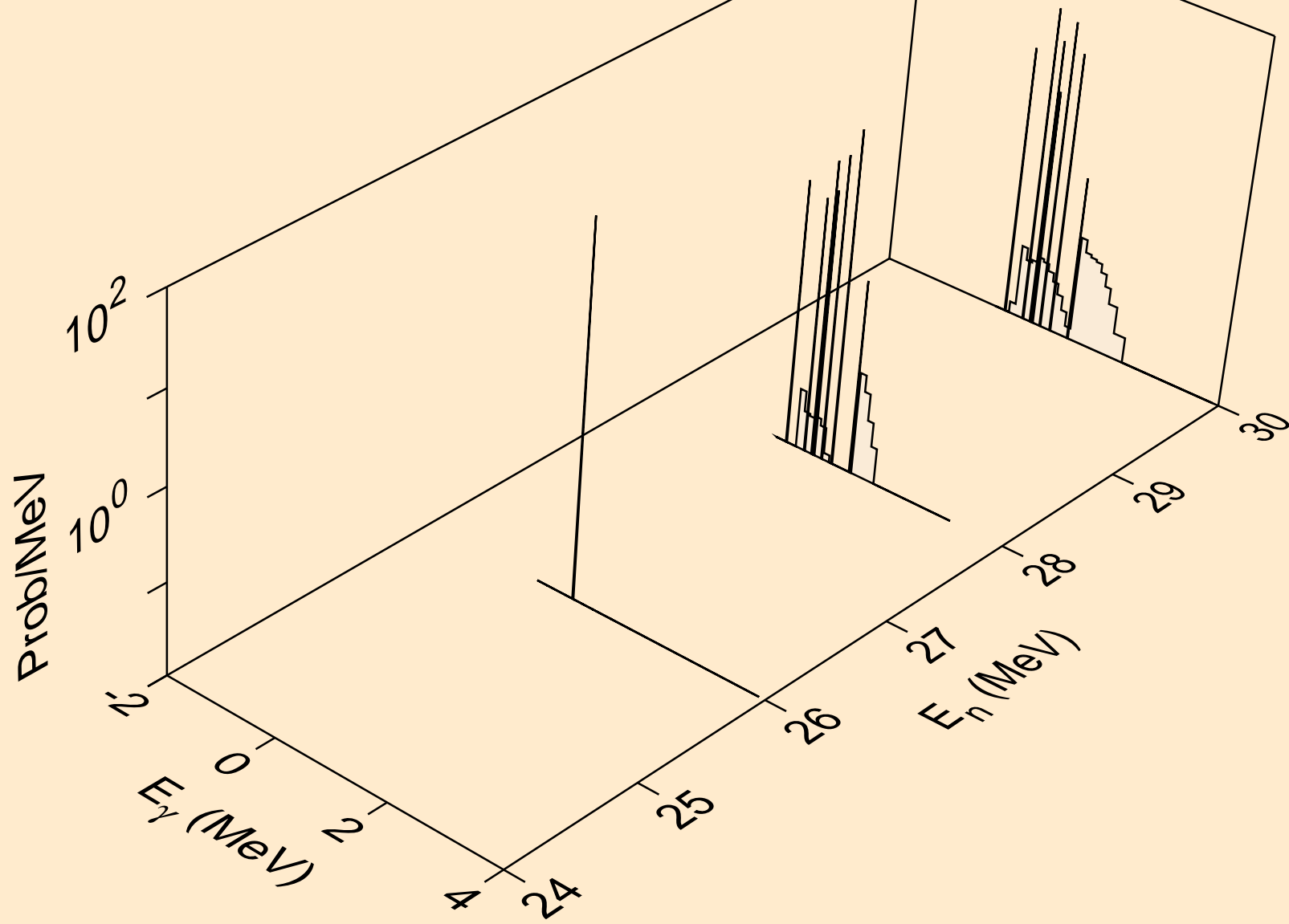
CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



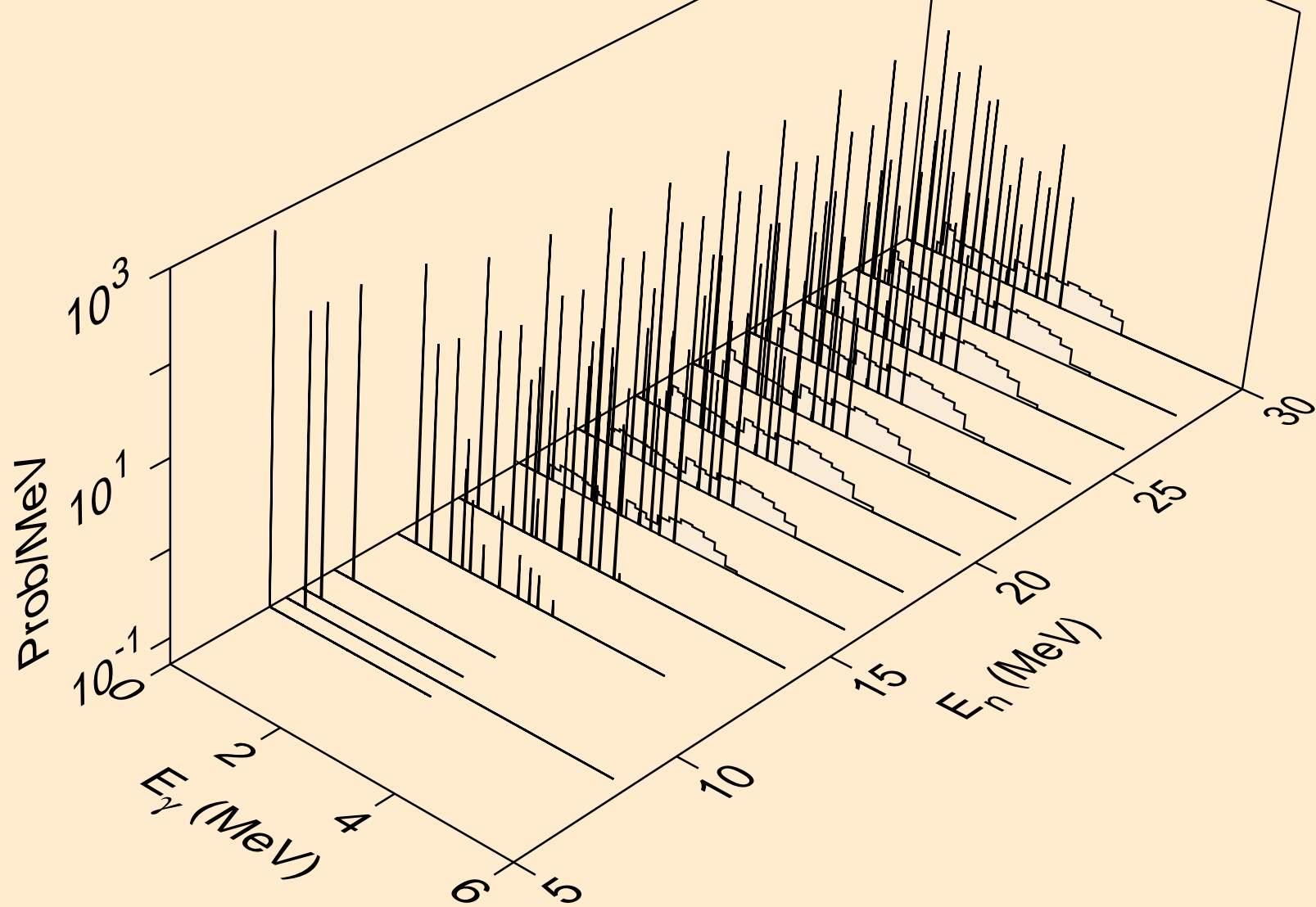
CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)

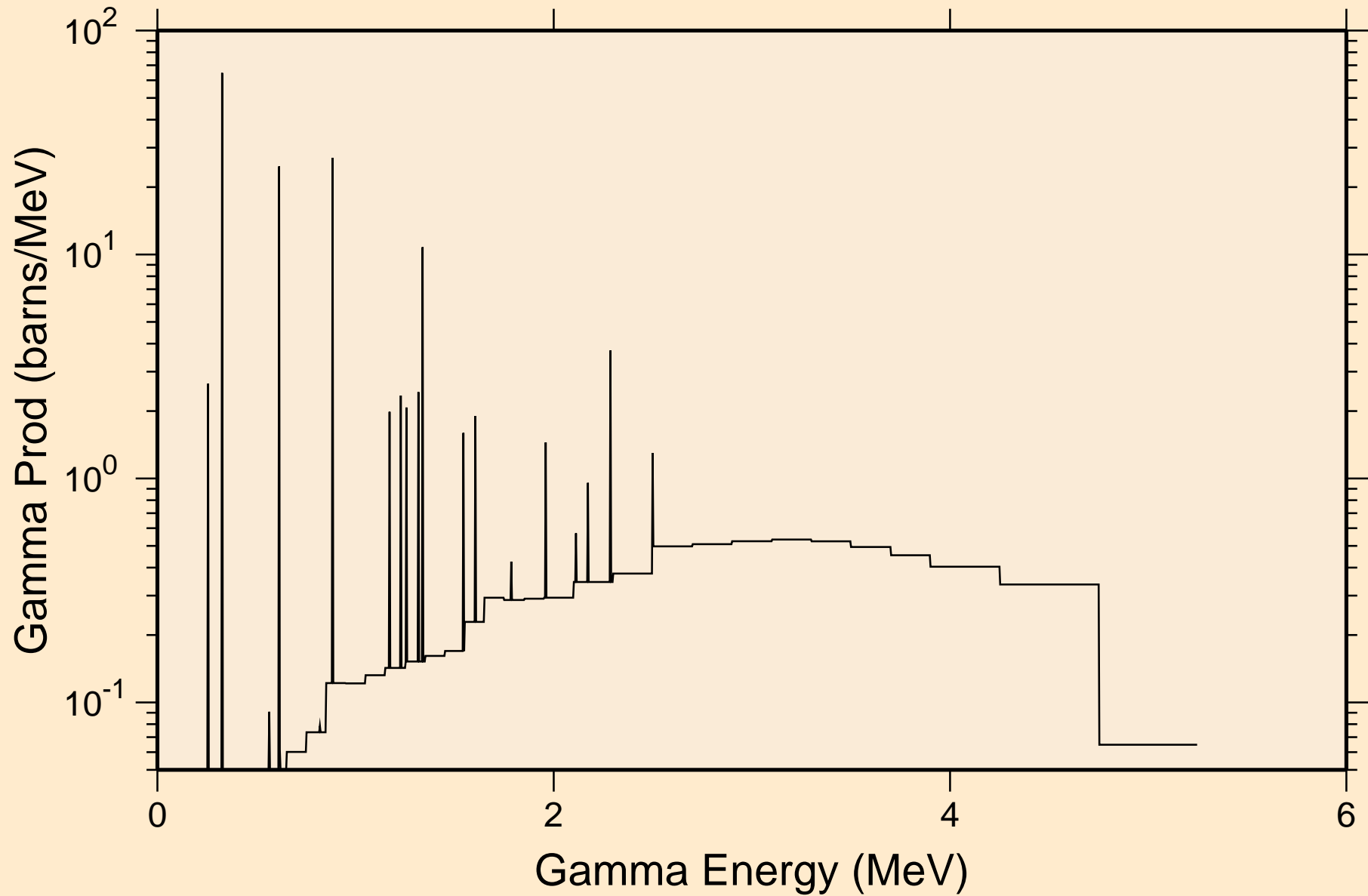


CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)

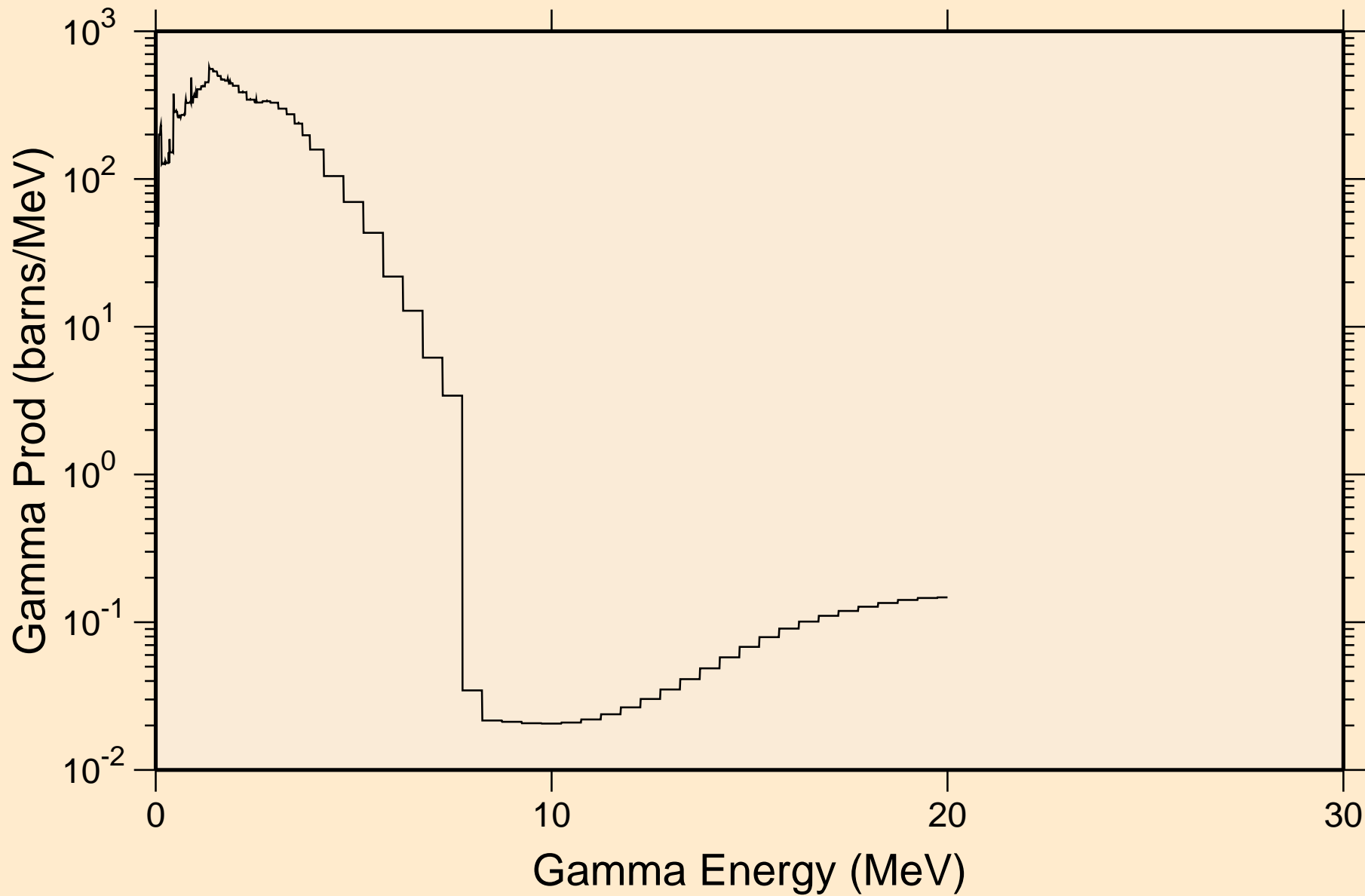




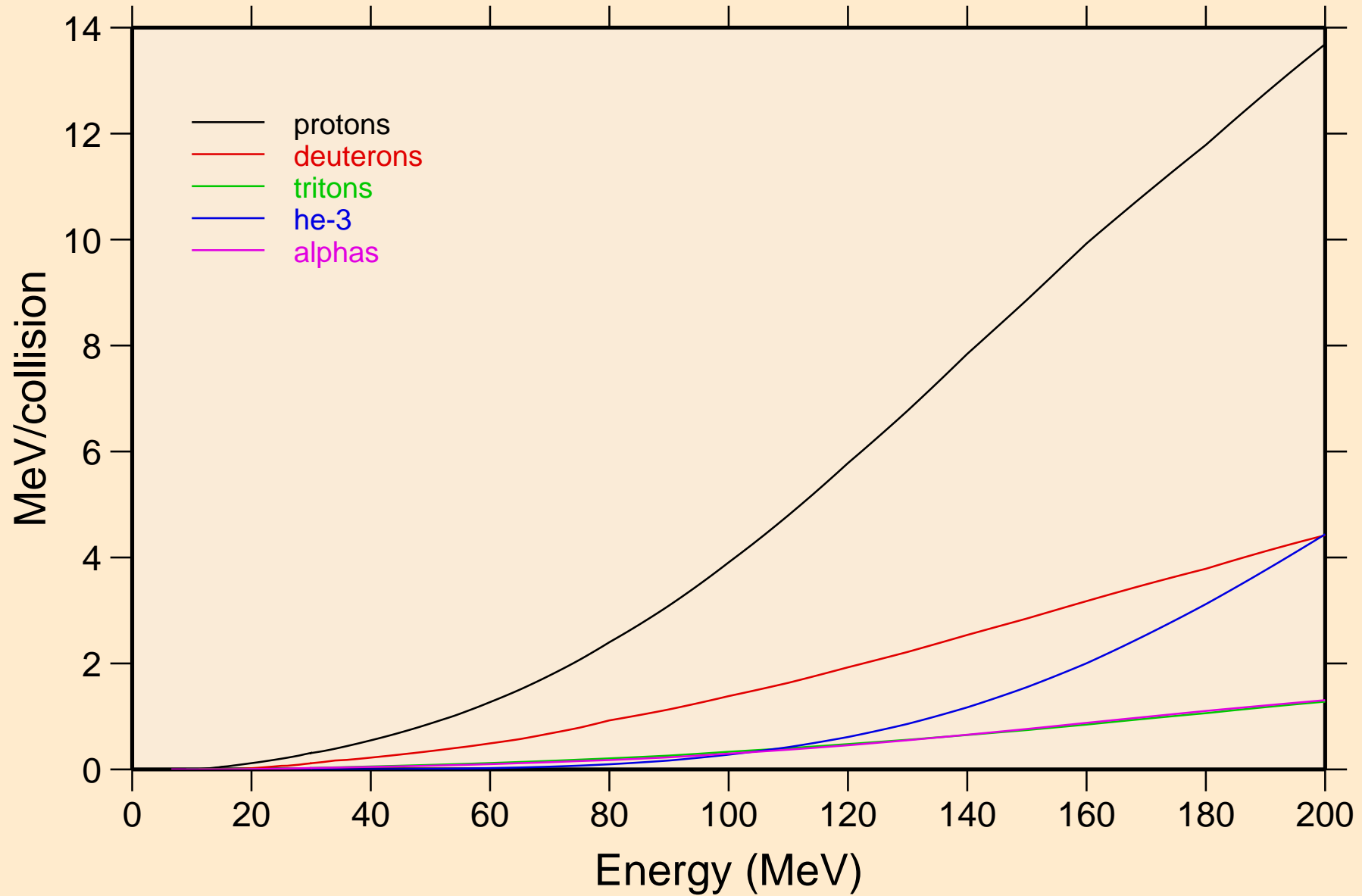
CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum



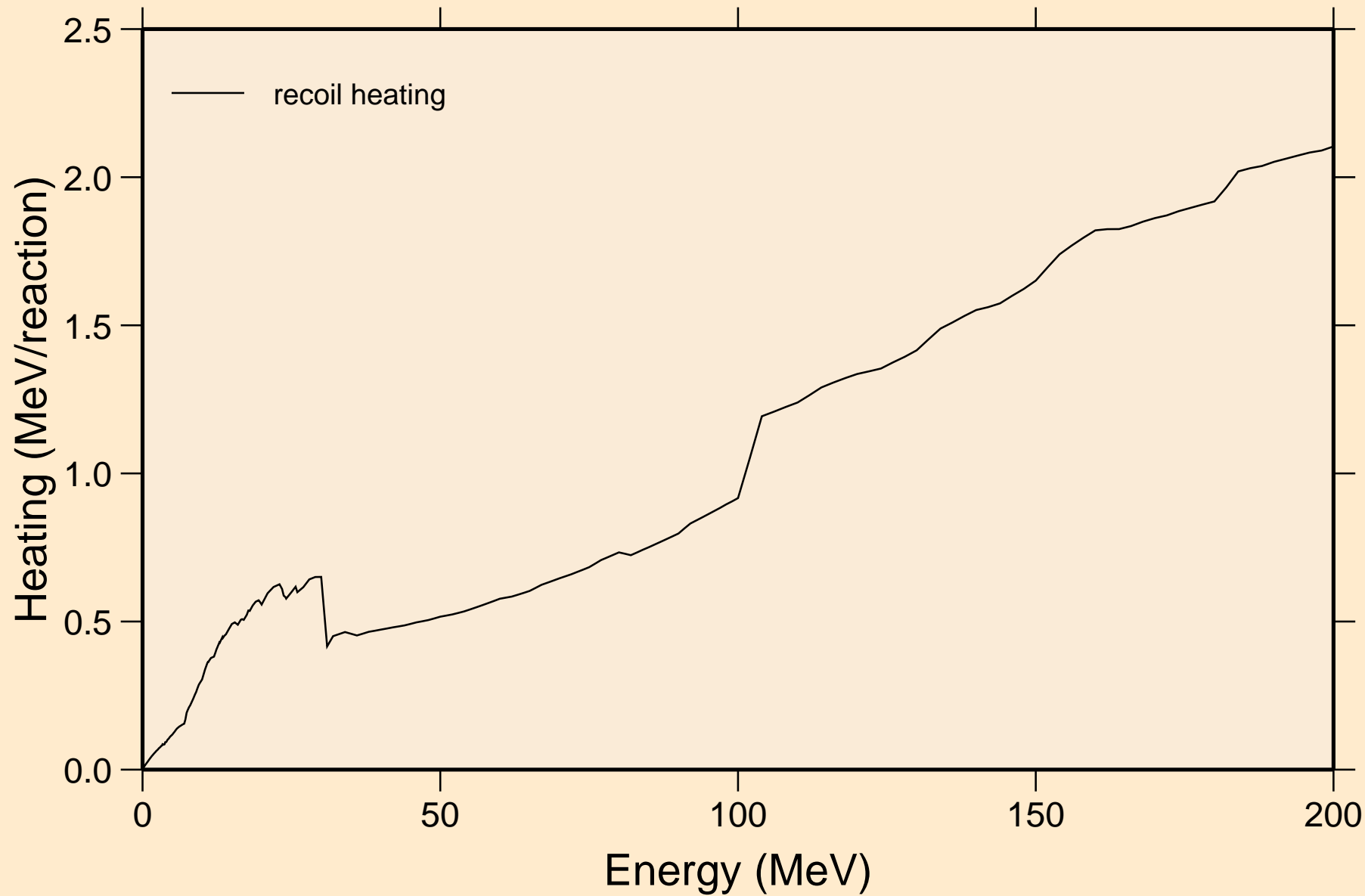
CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum



CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle heating contributions

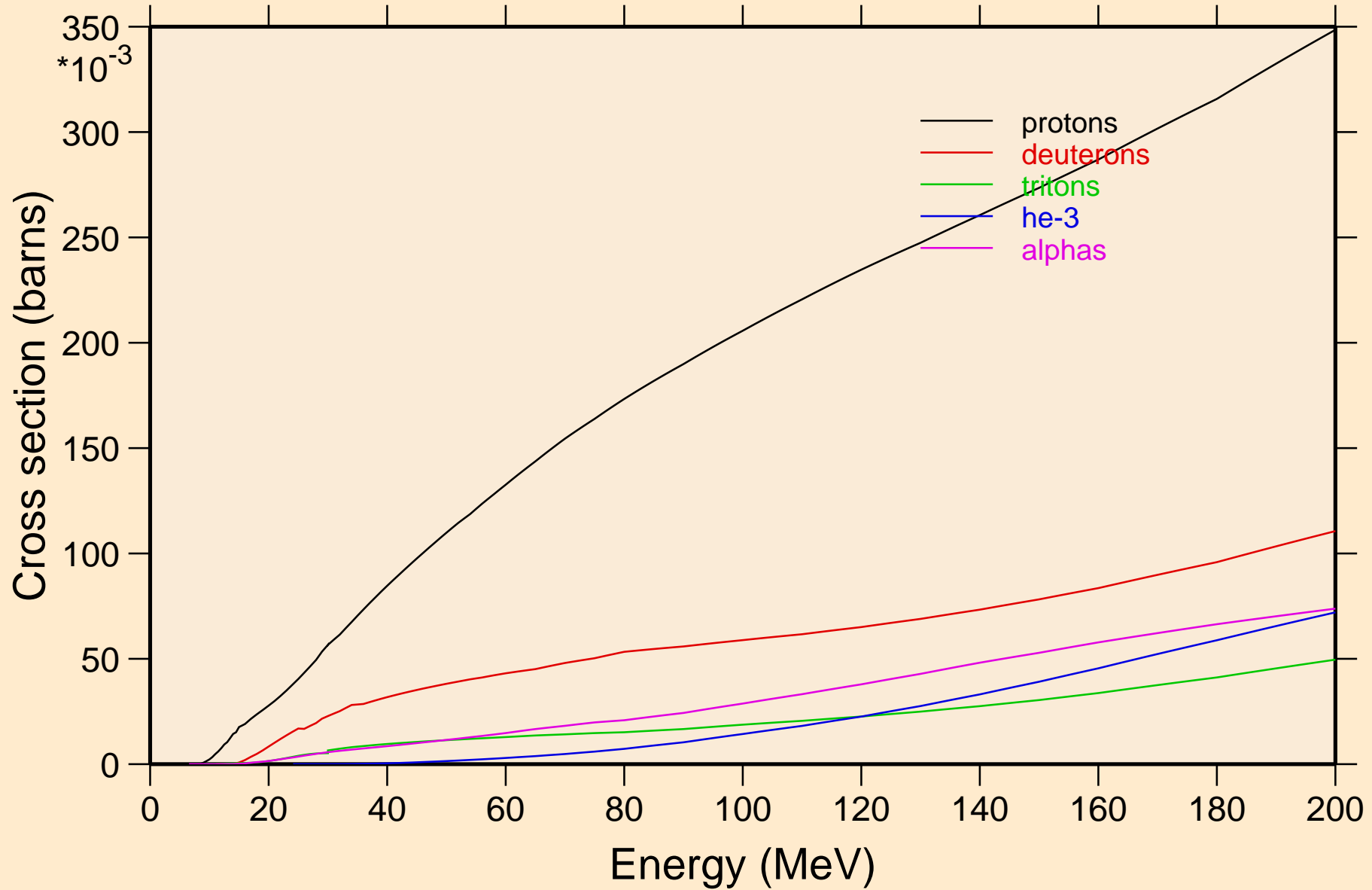


CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating

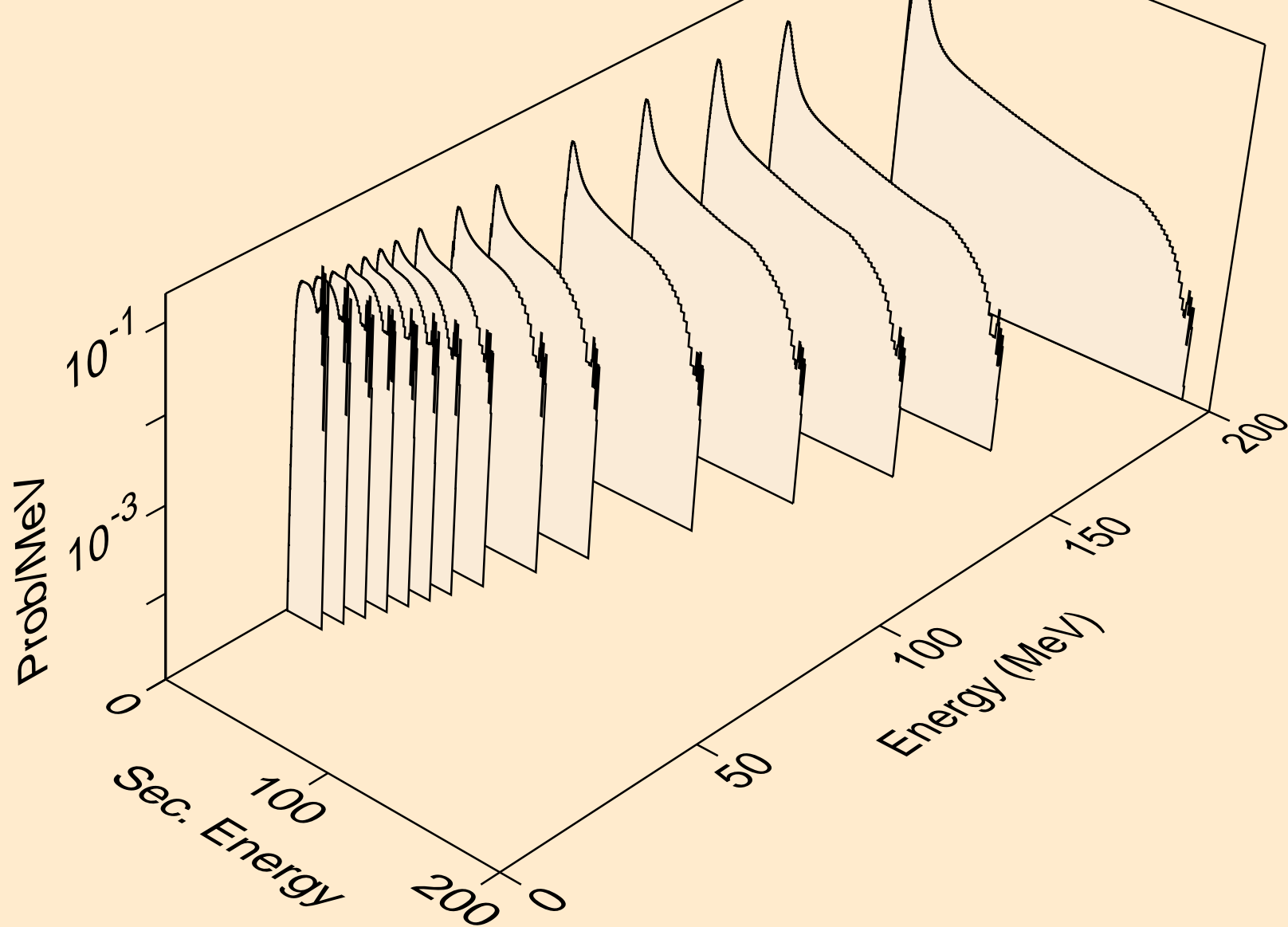


# CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

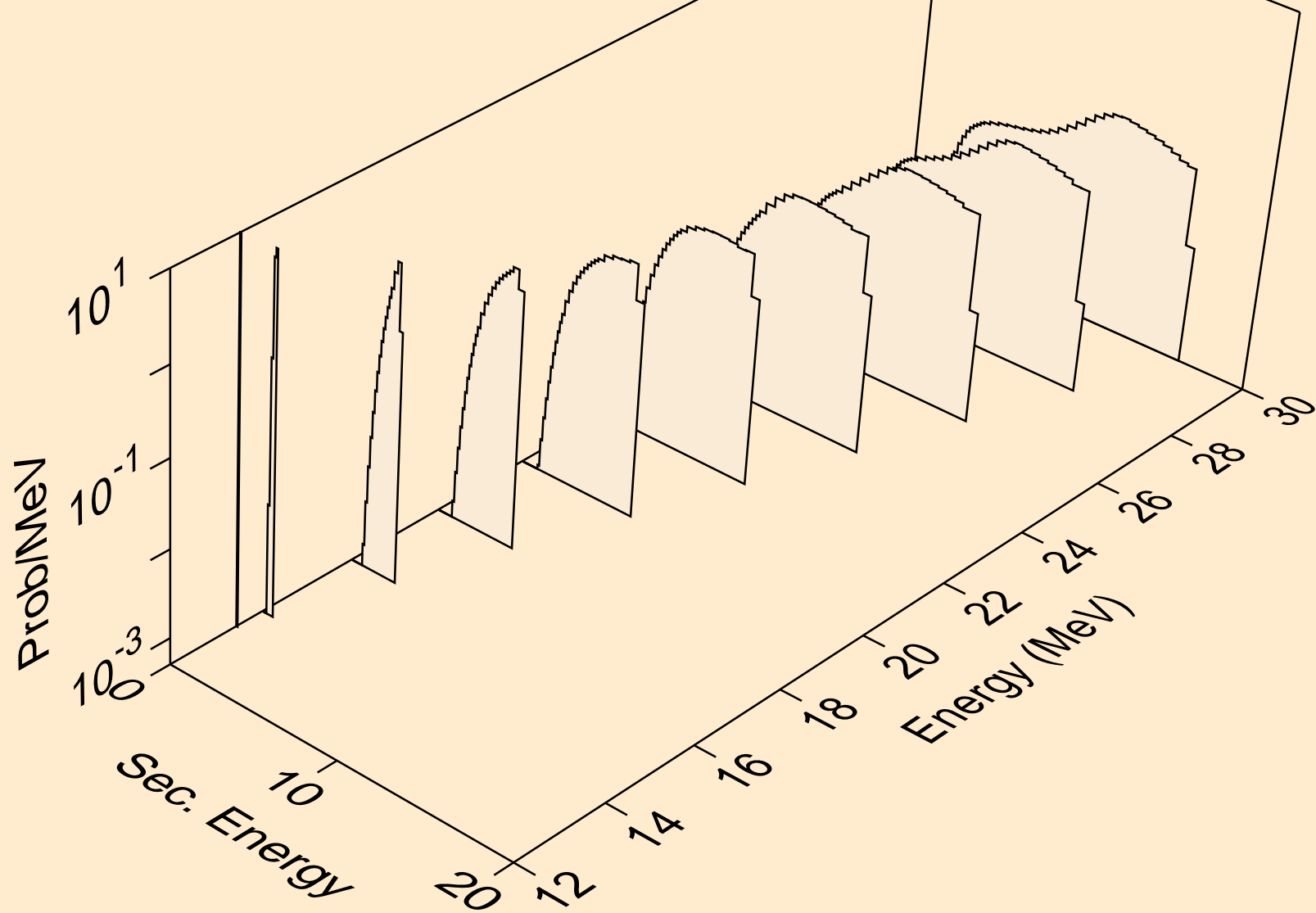
## Particle production cross sections



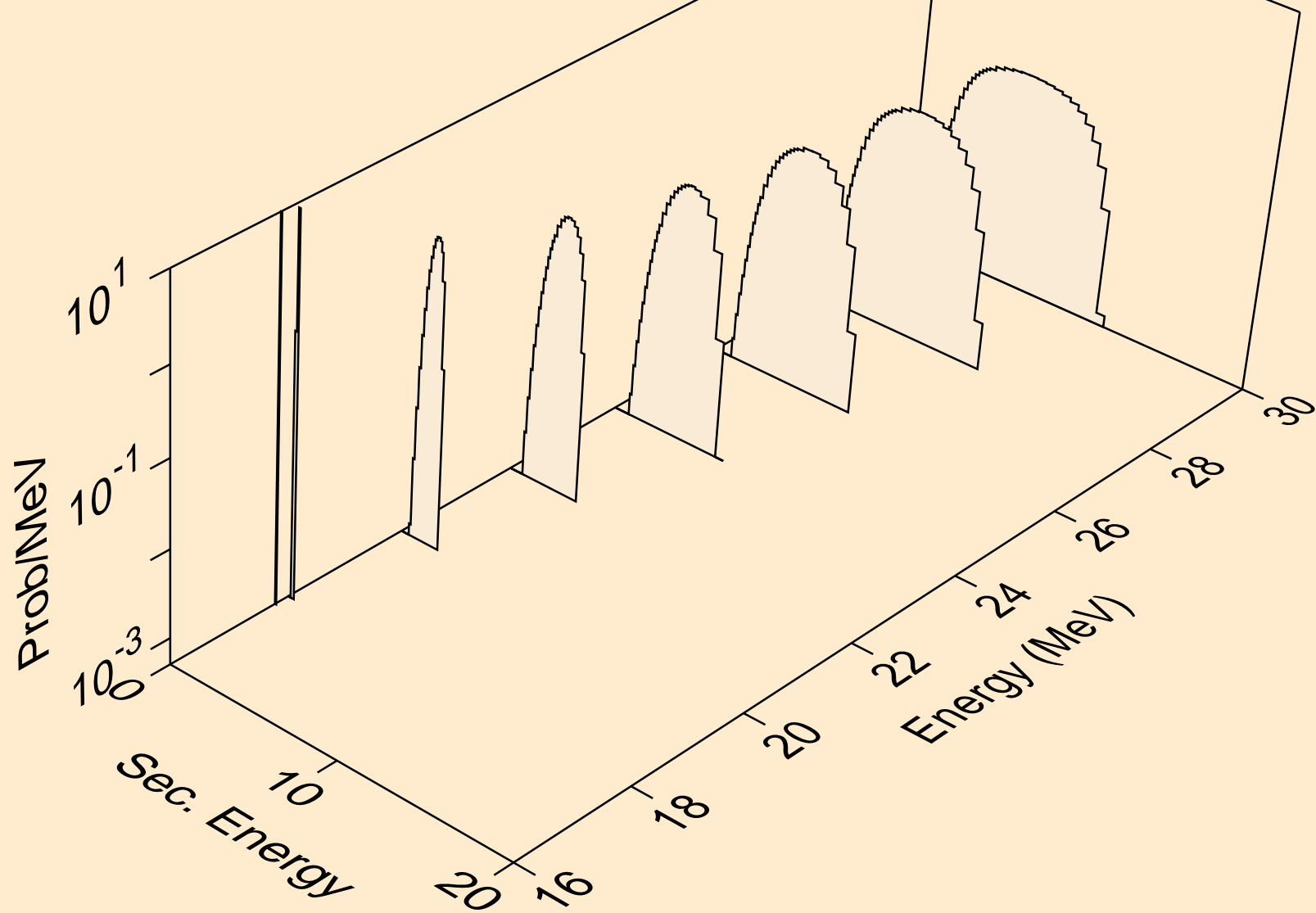
CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p

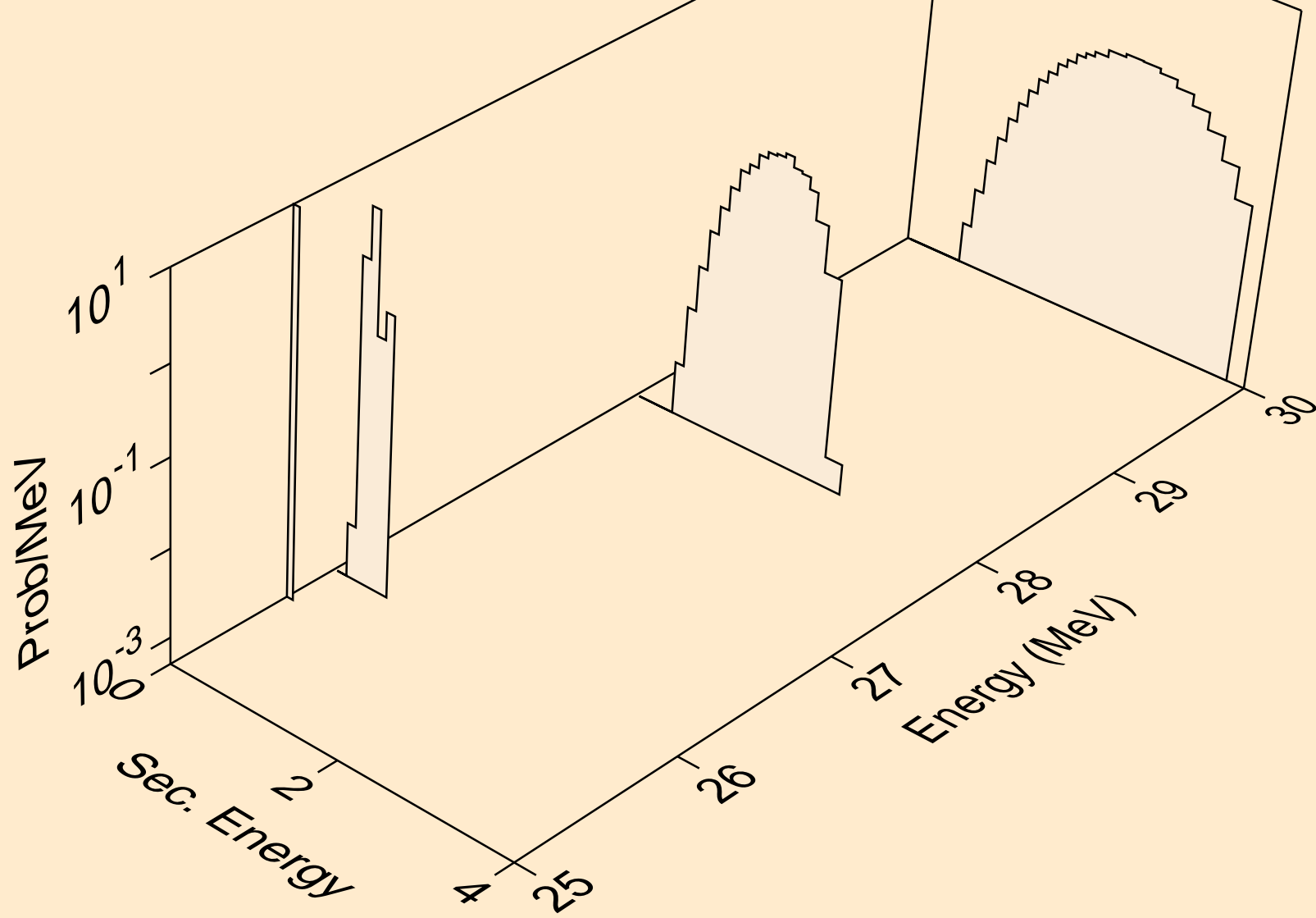


CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)

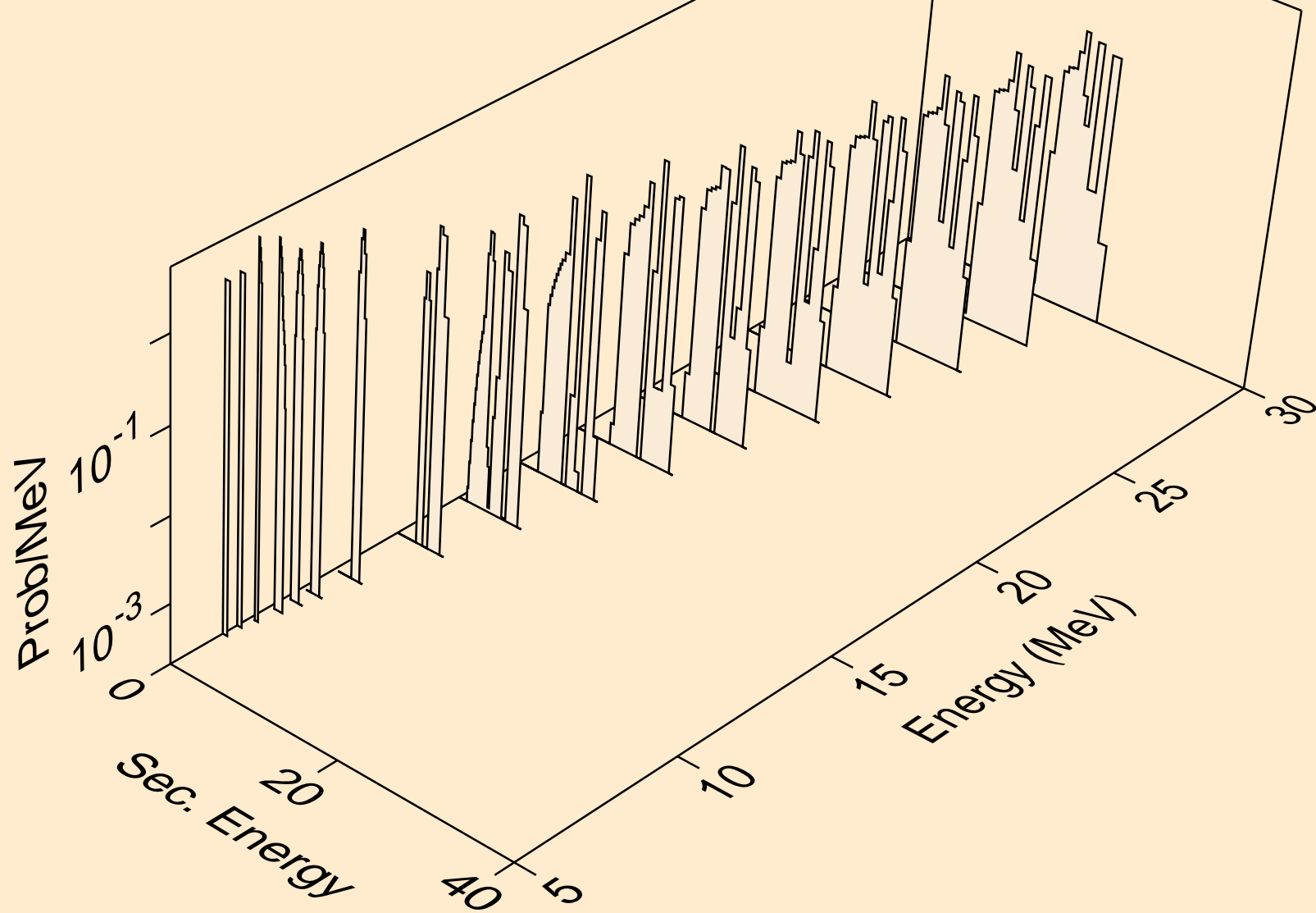




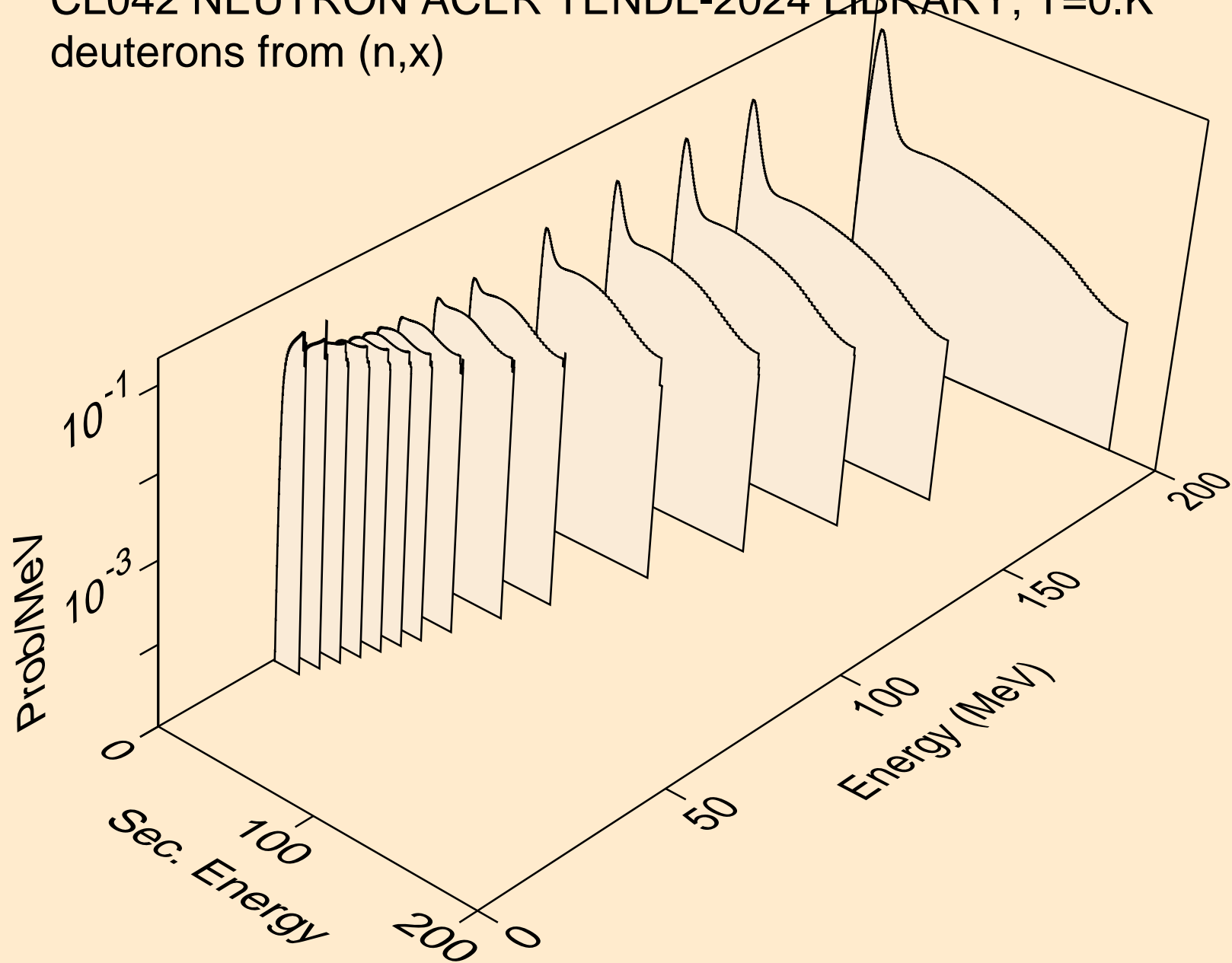
CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)



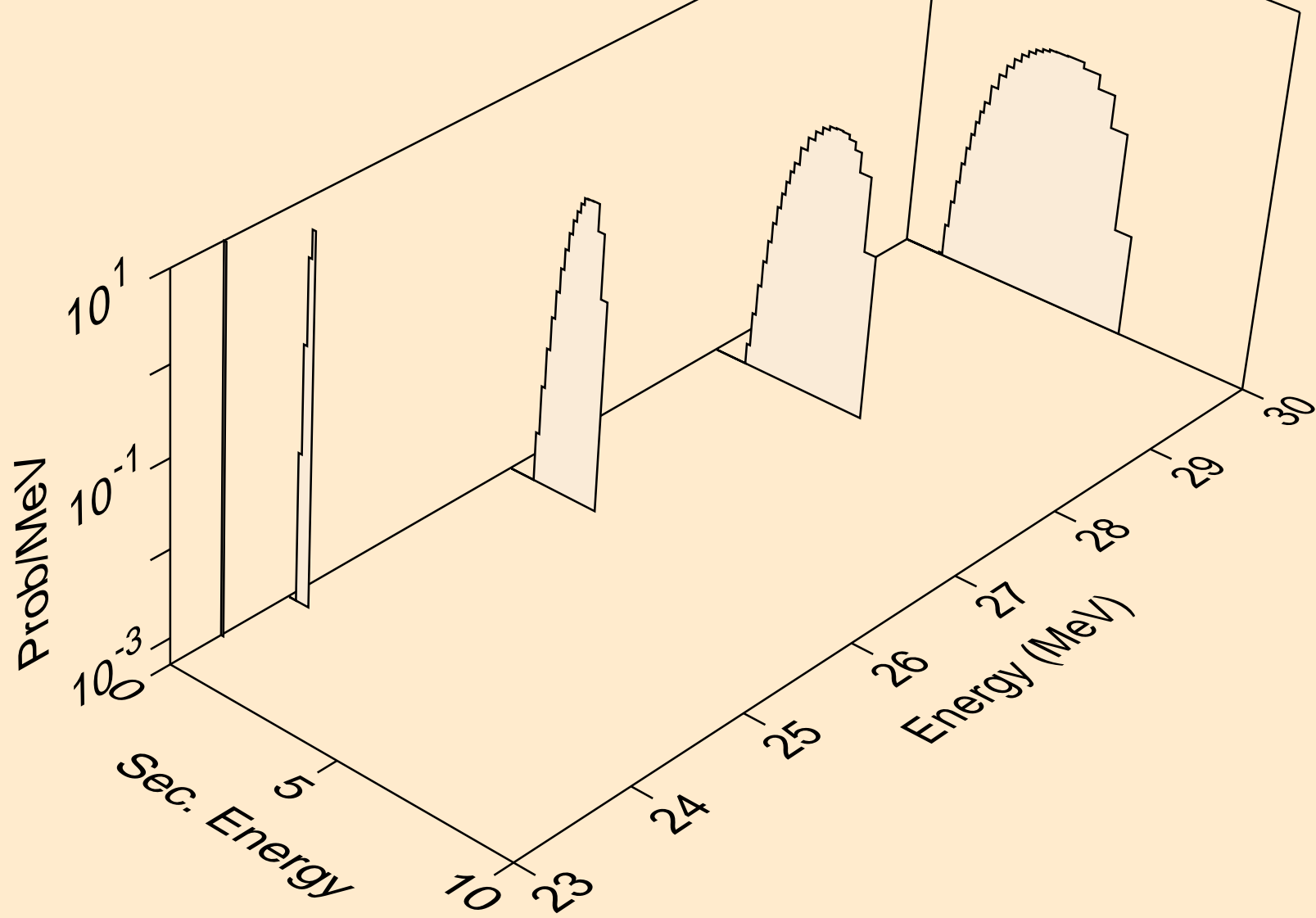
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protons from (n,p)



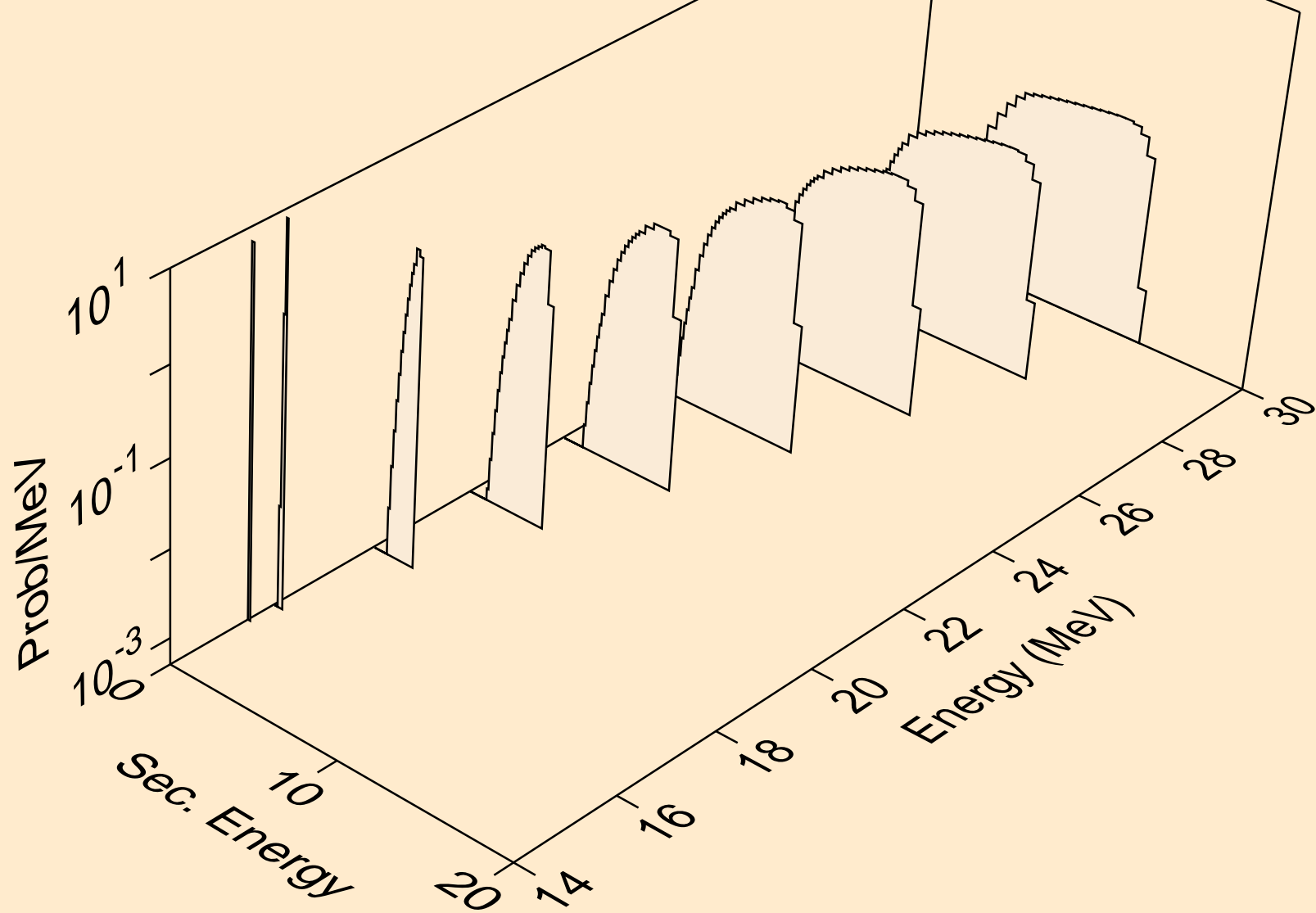
CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)



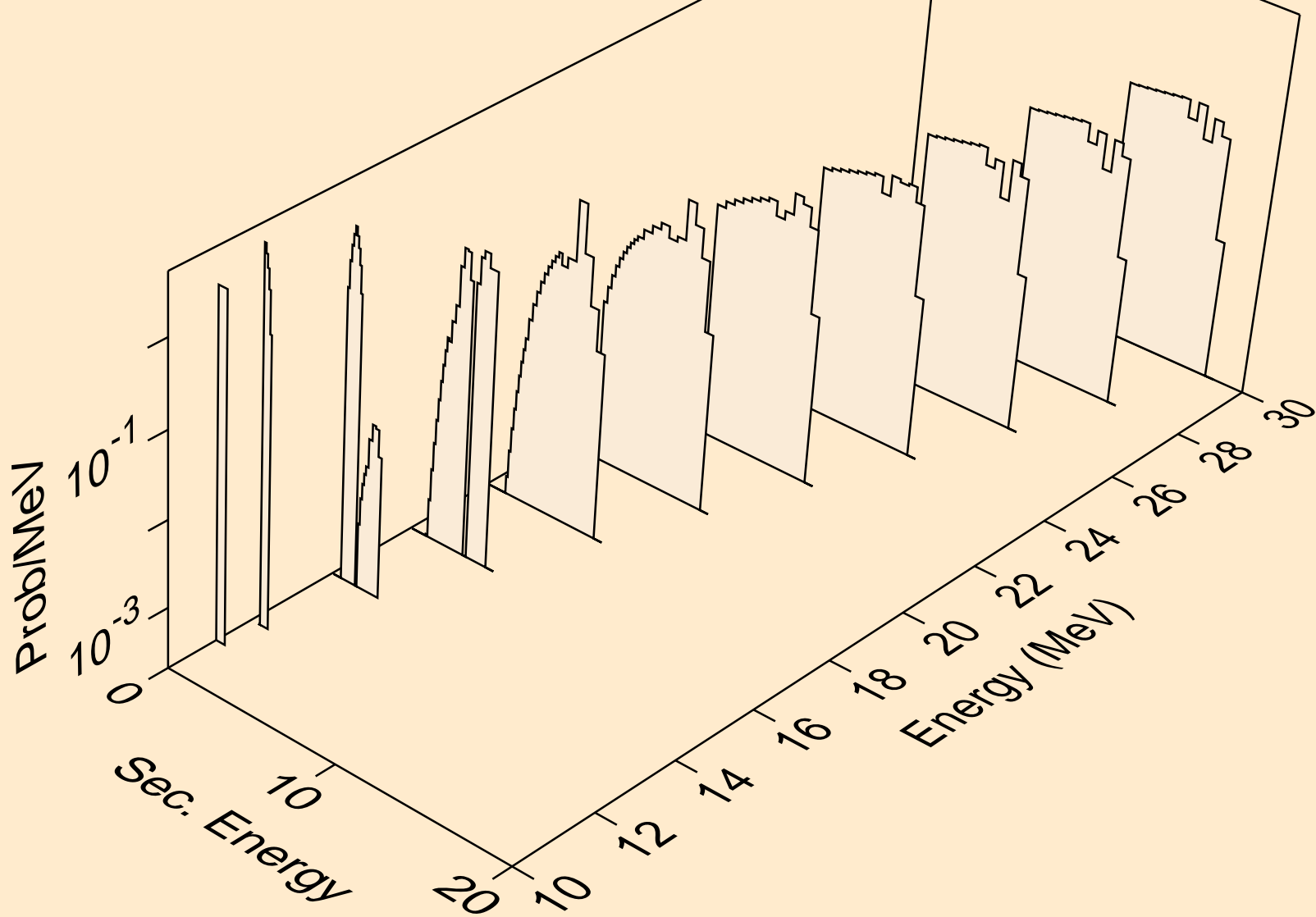
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deuterons from (n,2nd)



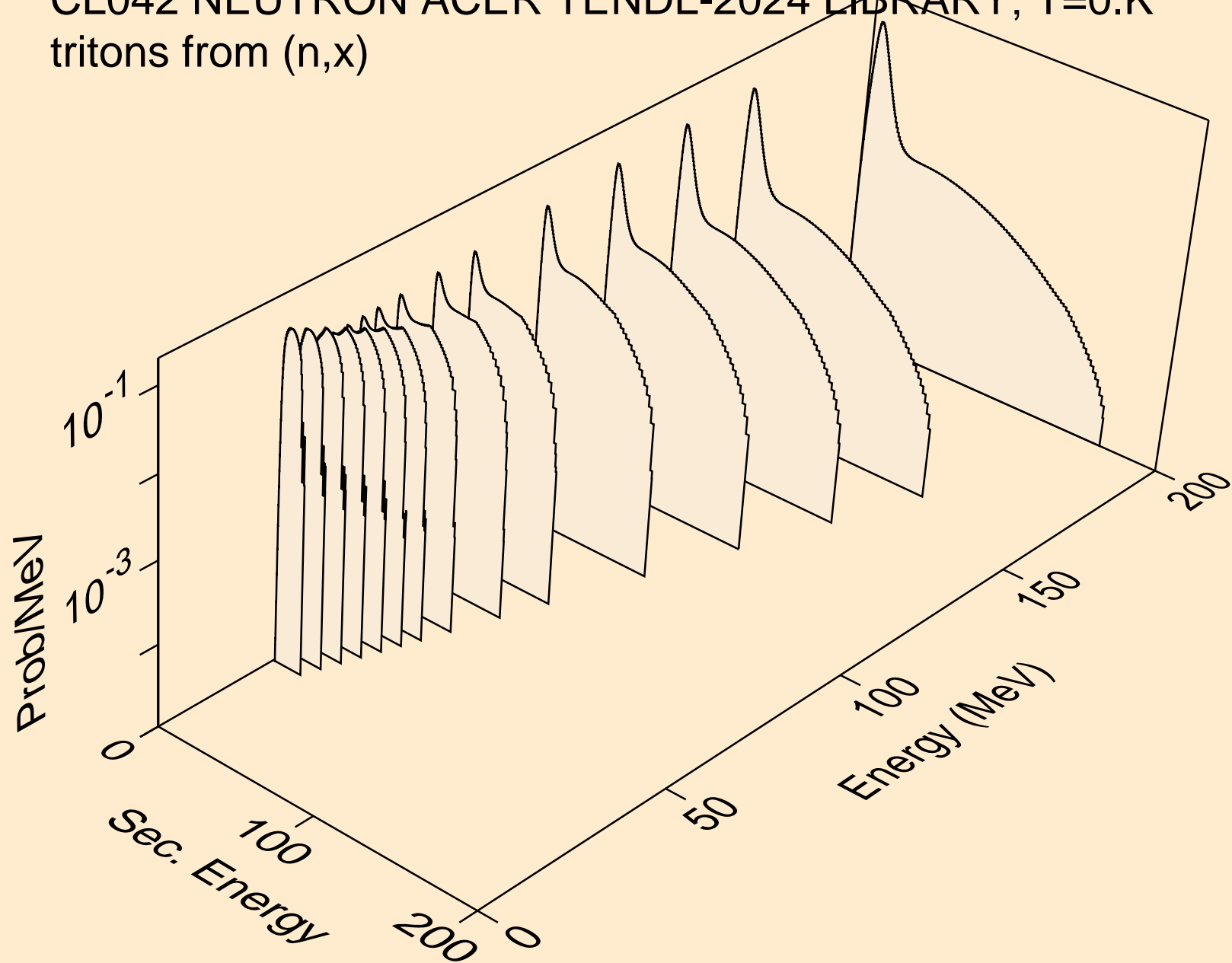
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deuterons from (n,n\*)d



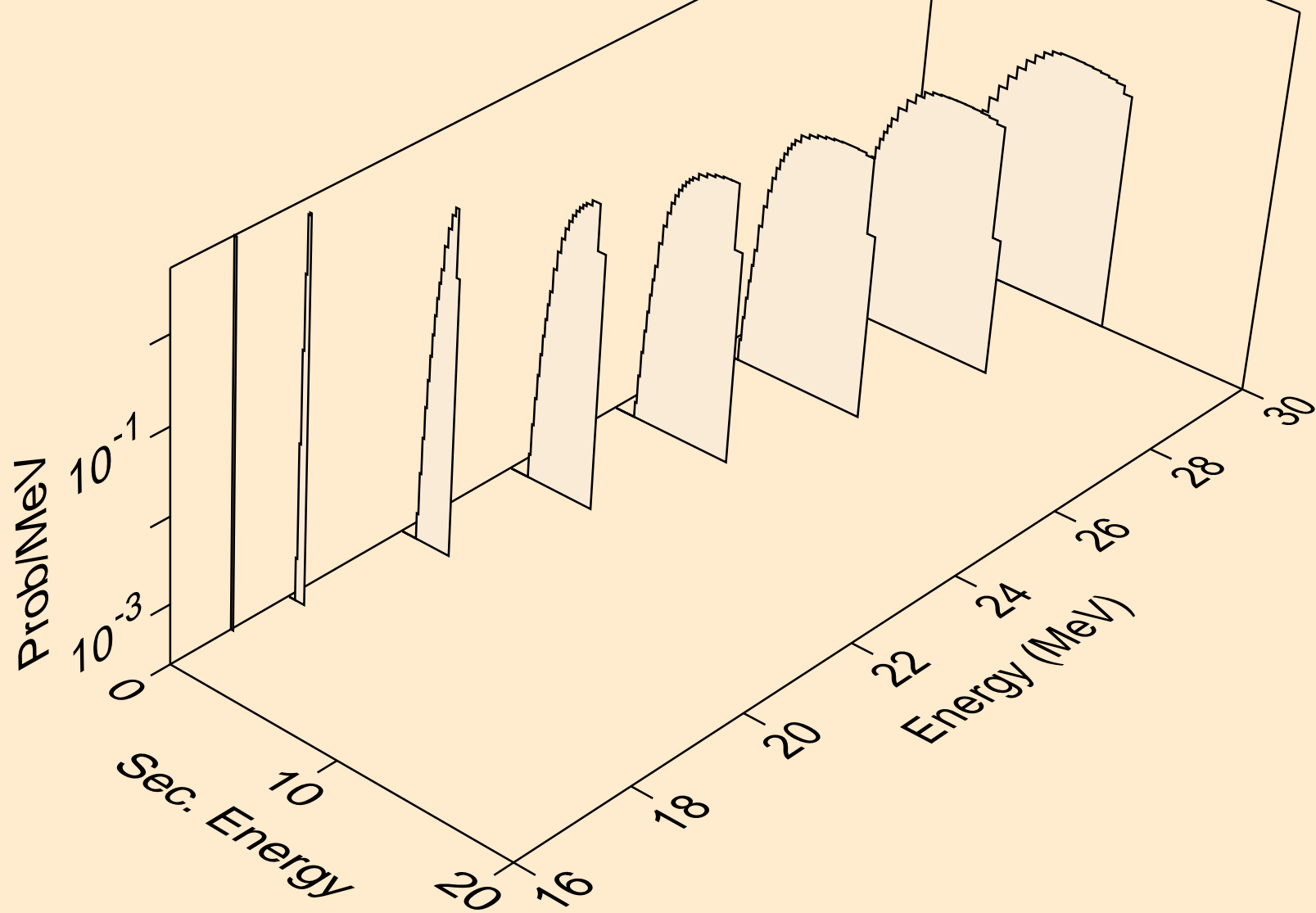
CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,d)



CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)

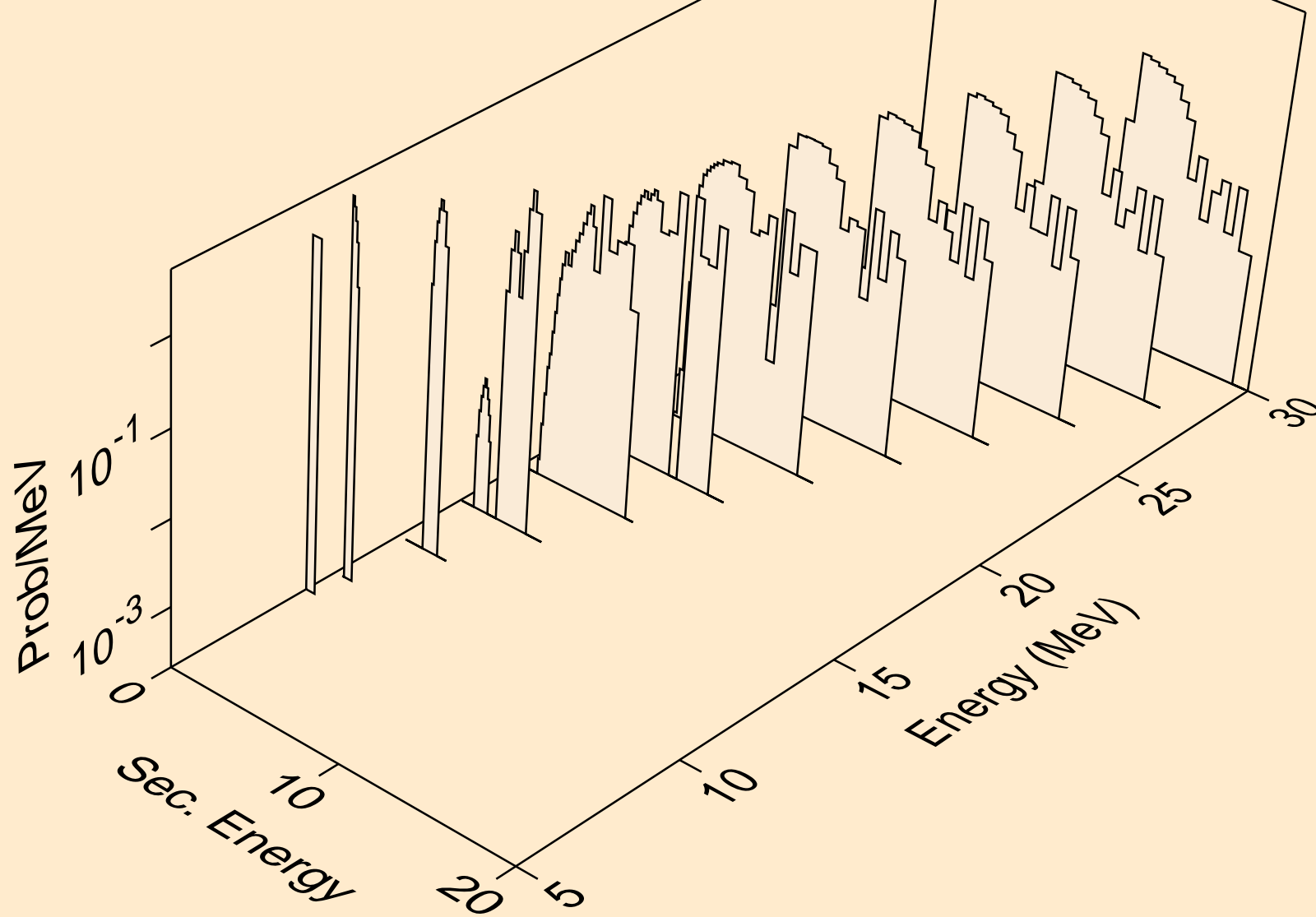


CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t

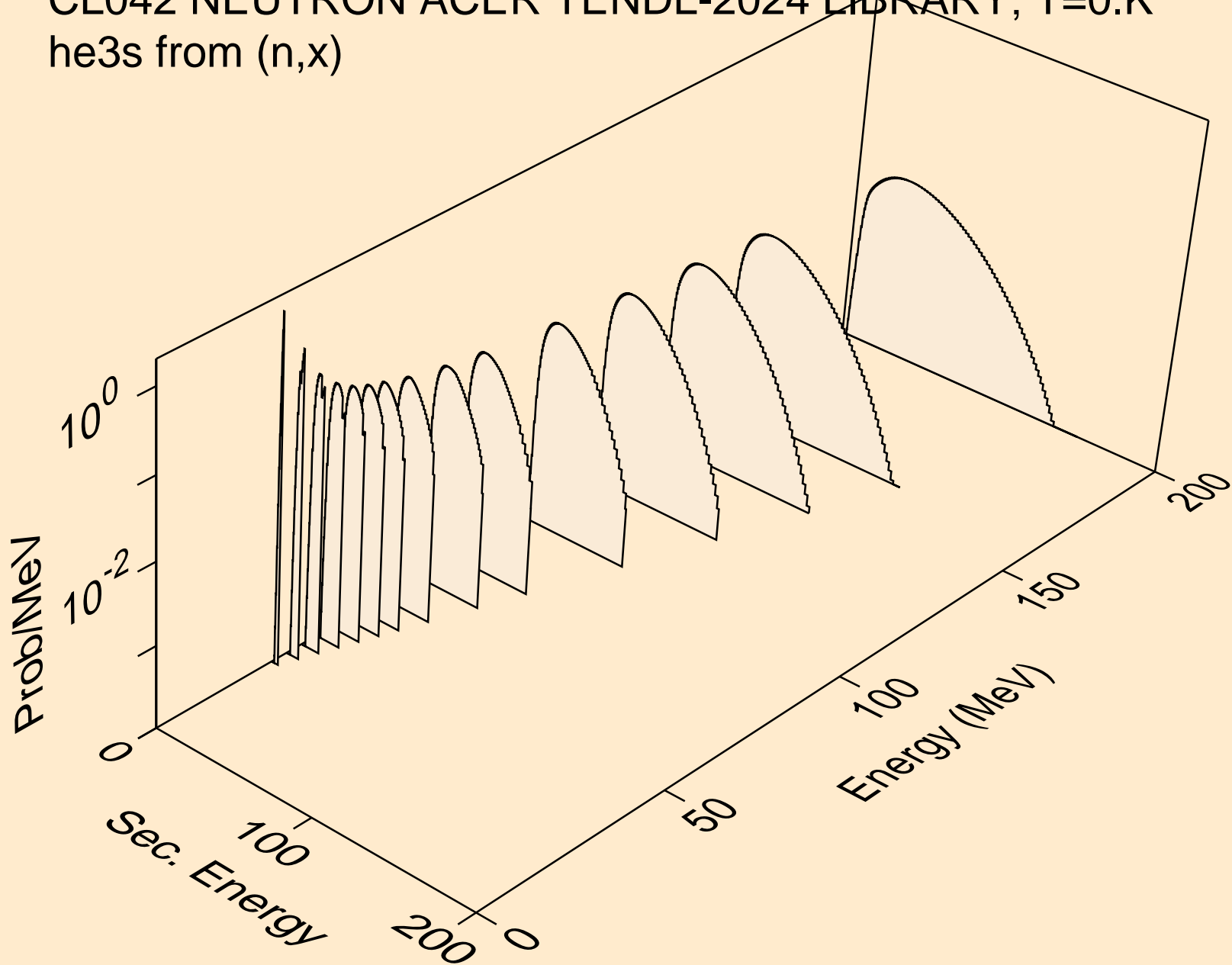




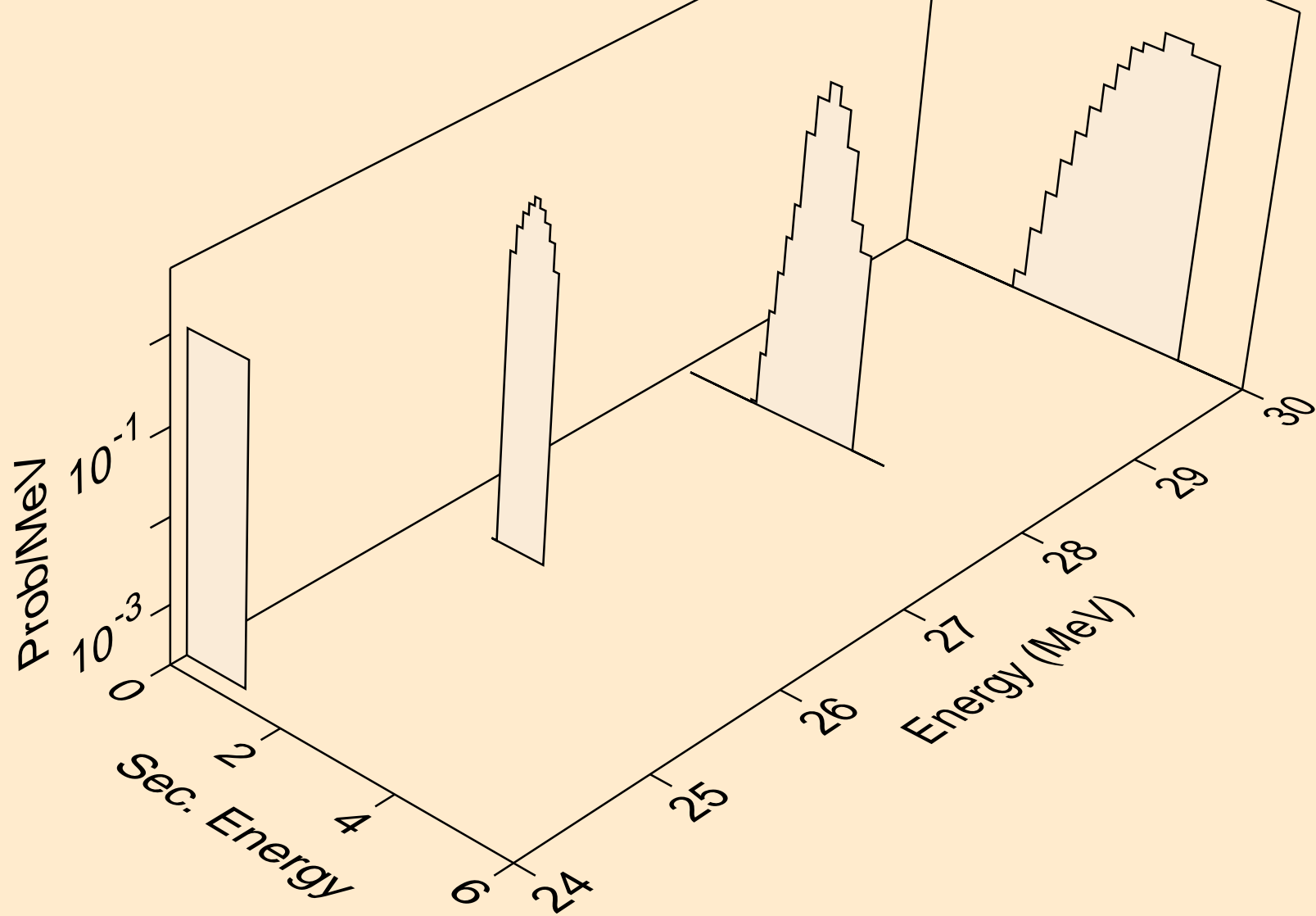
CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)



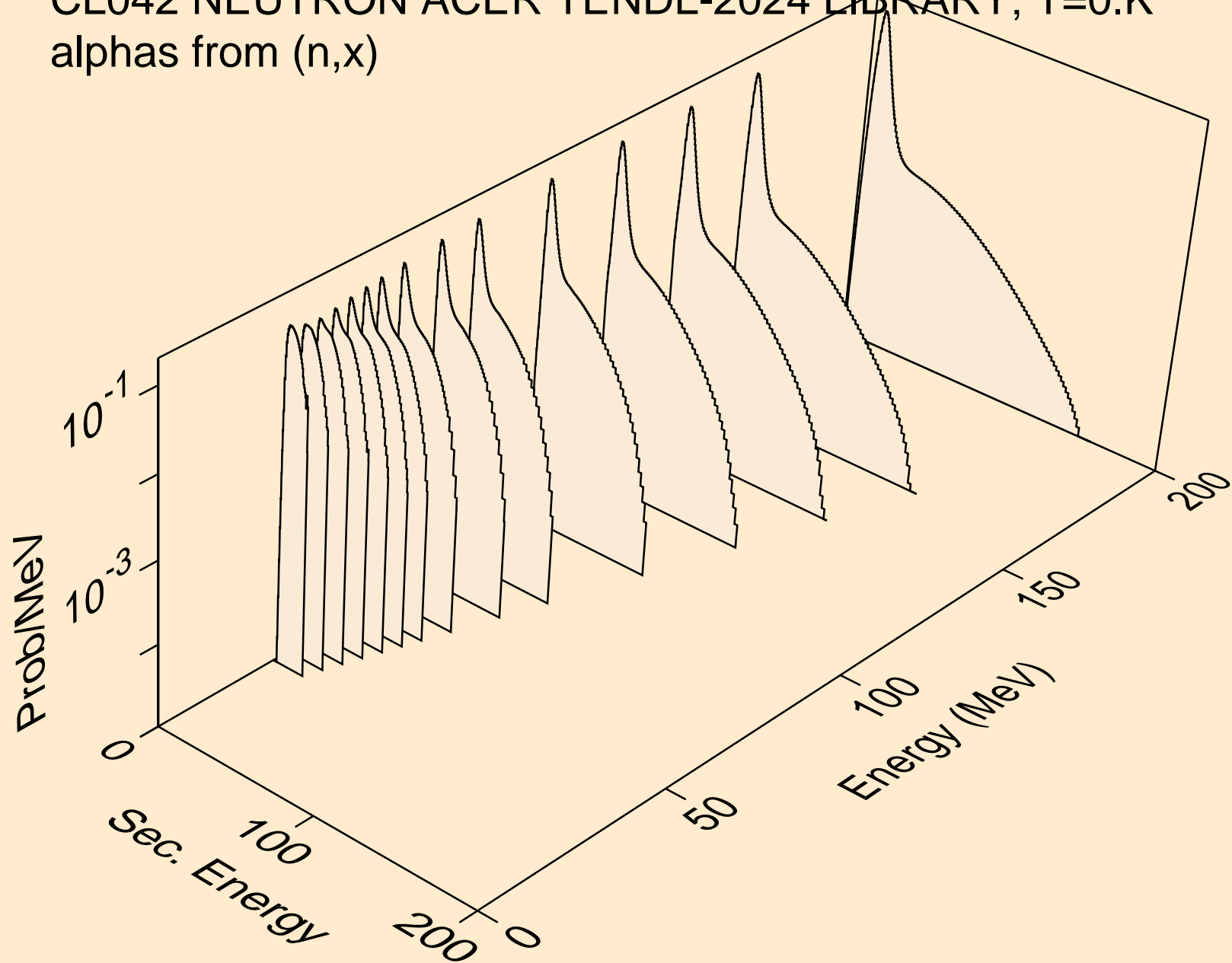
CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



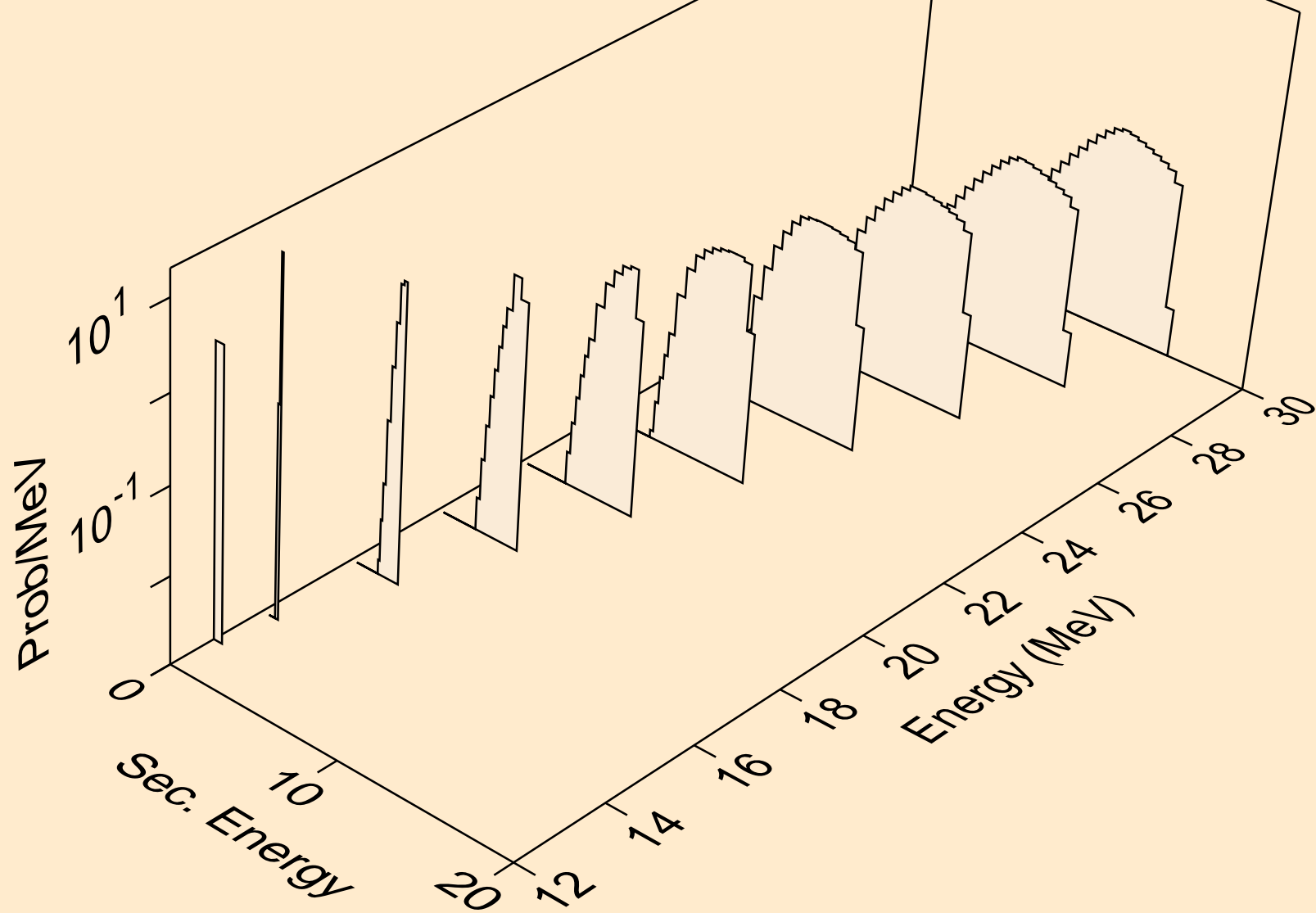
CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)



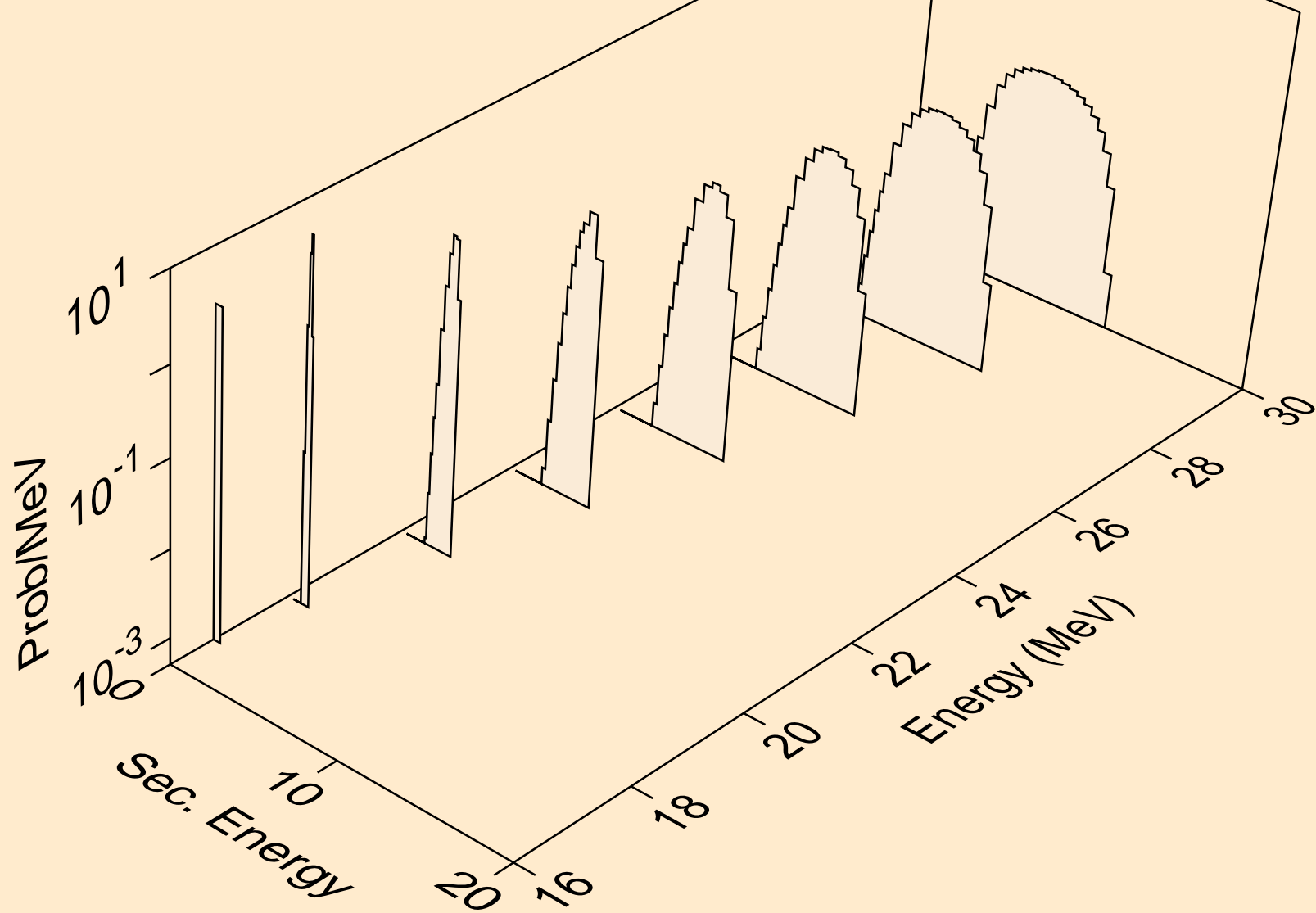
CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



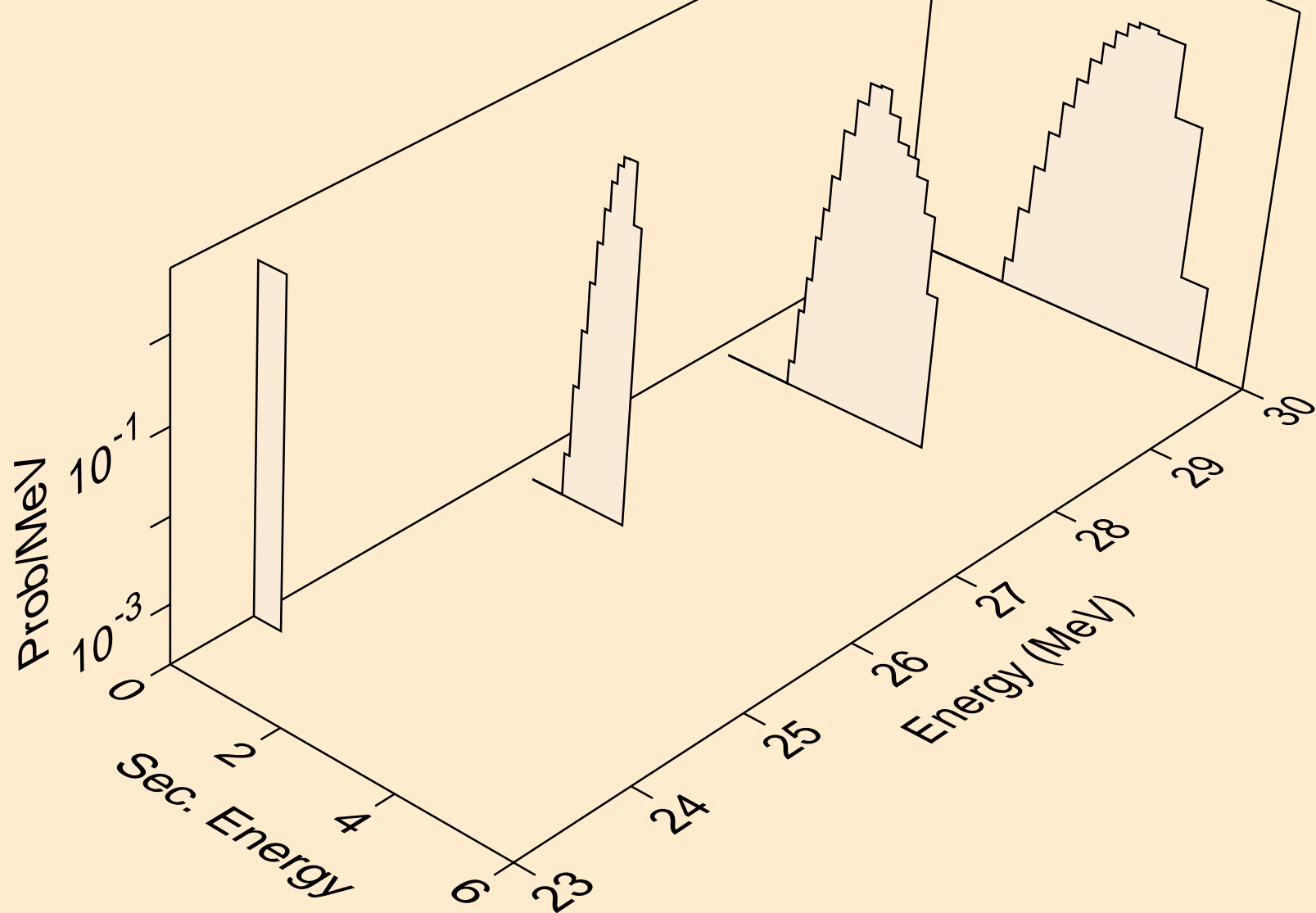
CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



CL042 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)

