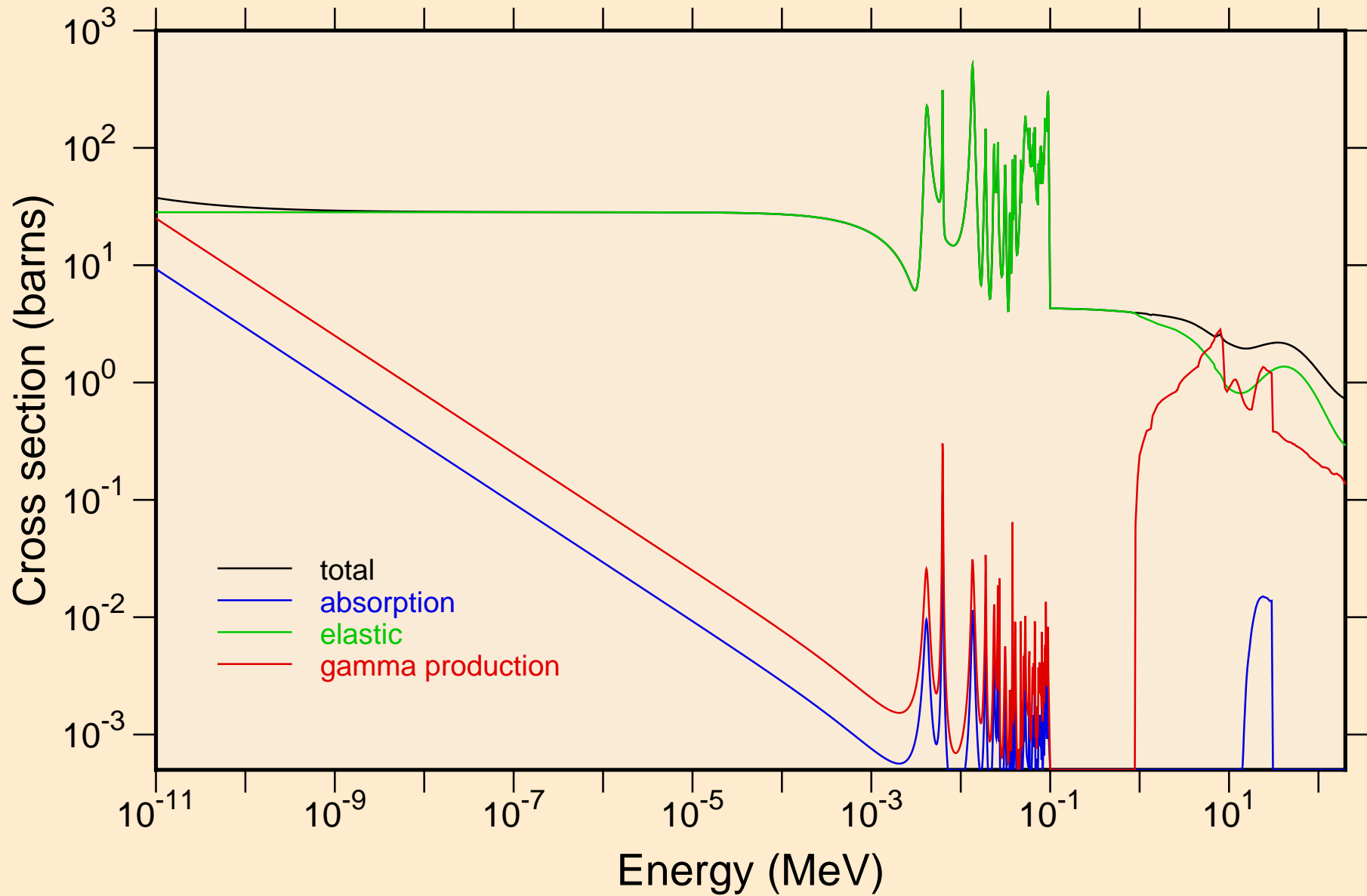
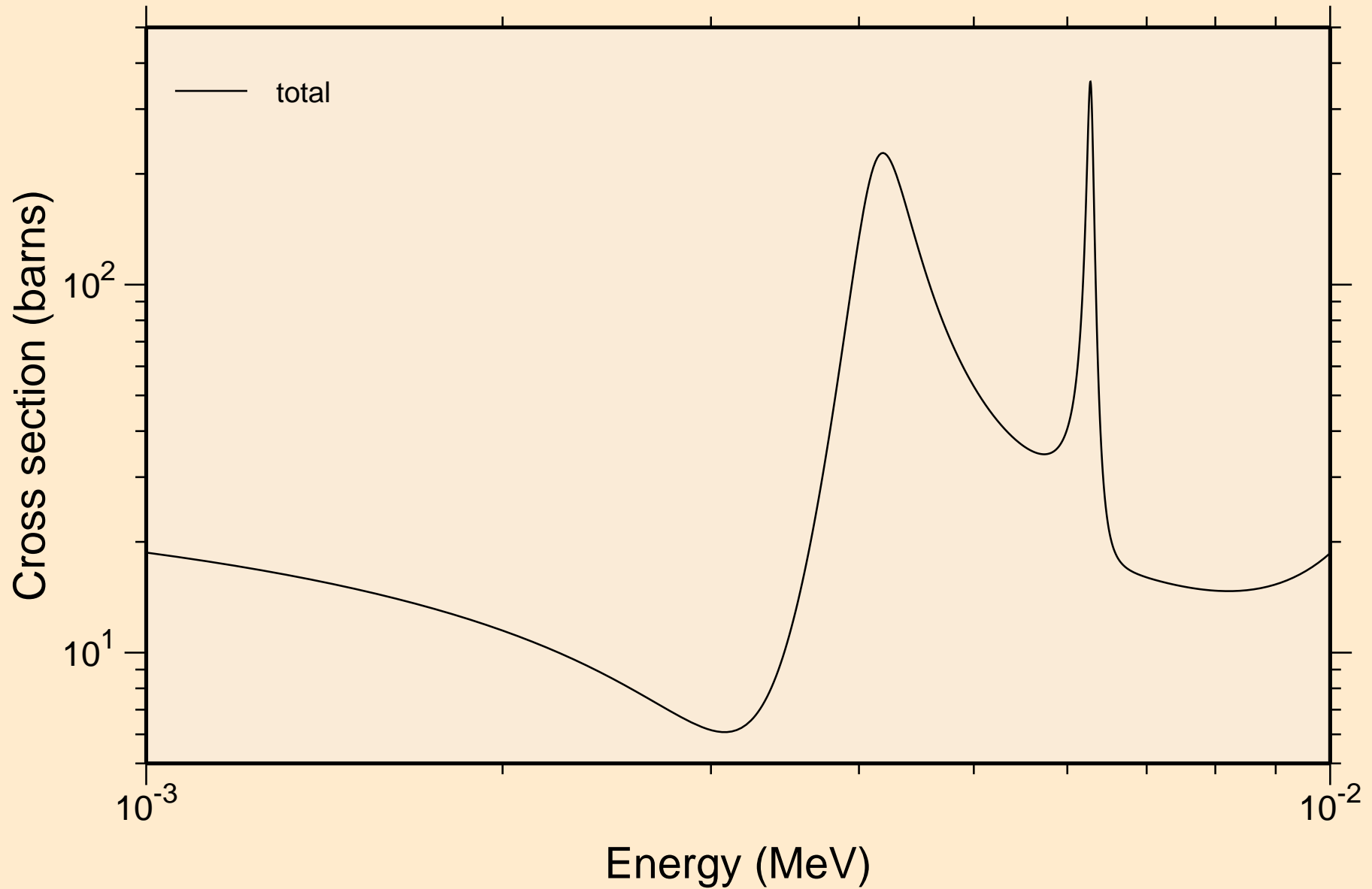


# P037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

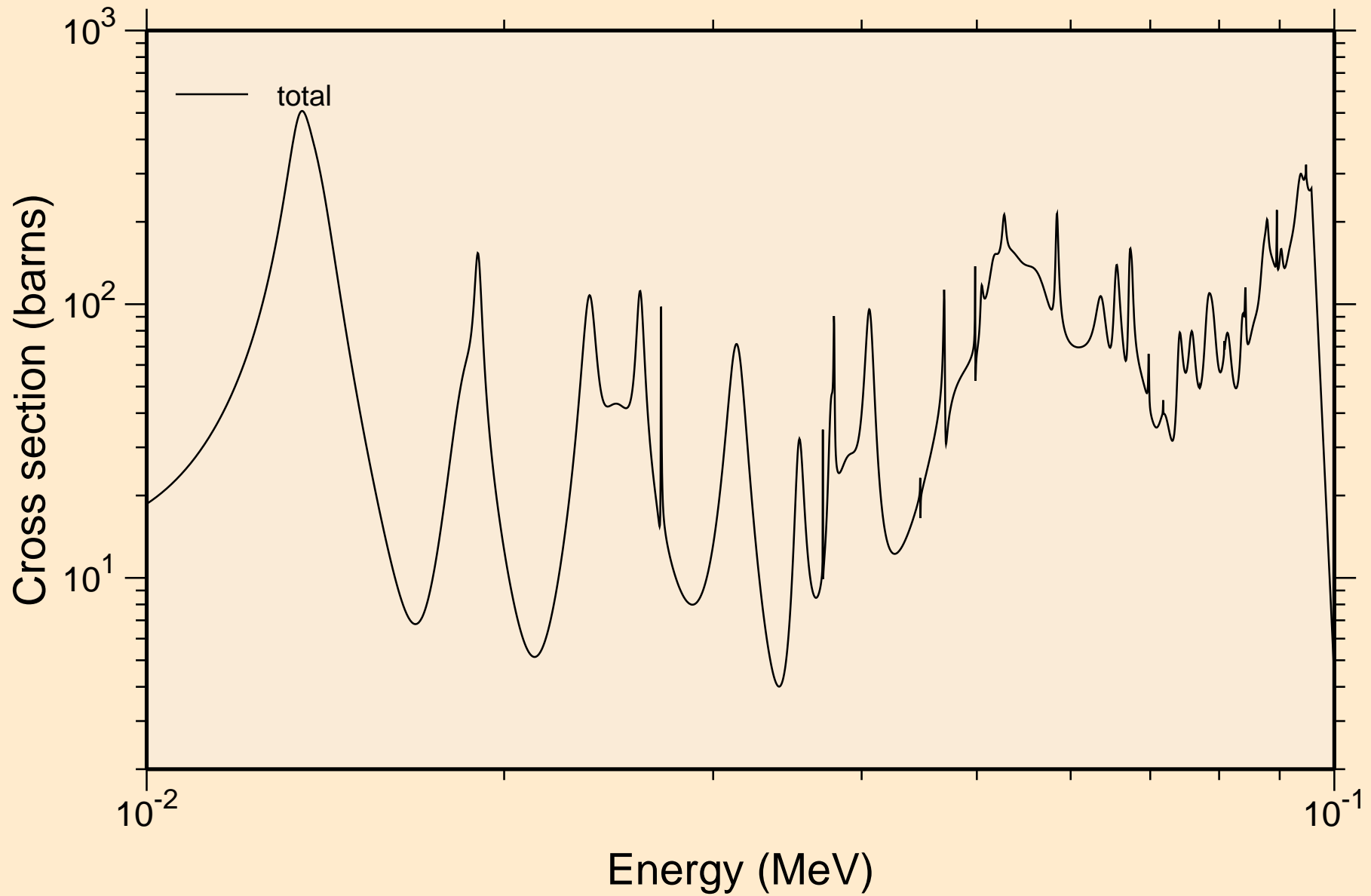
## Principal cross sections



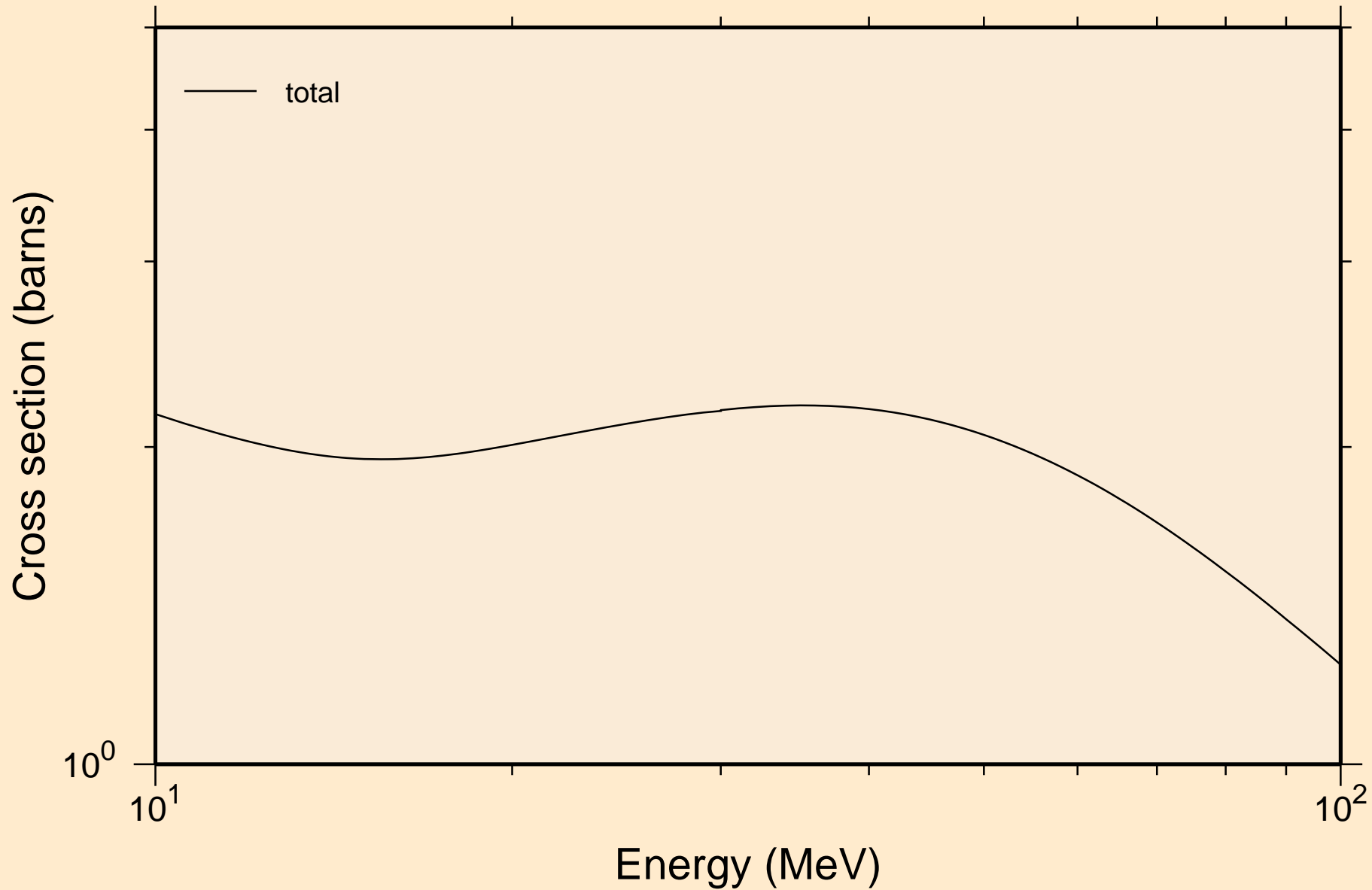
P037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



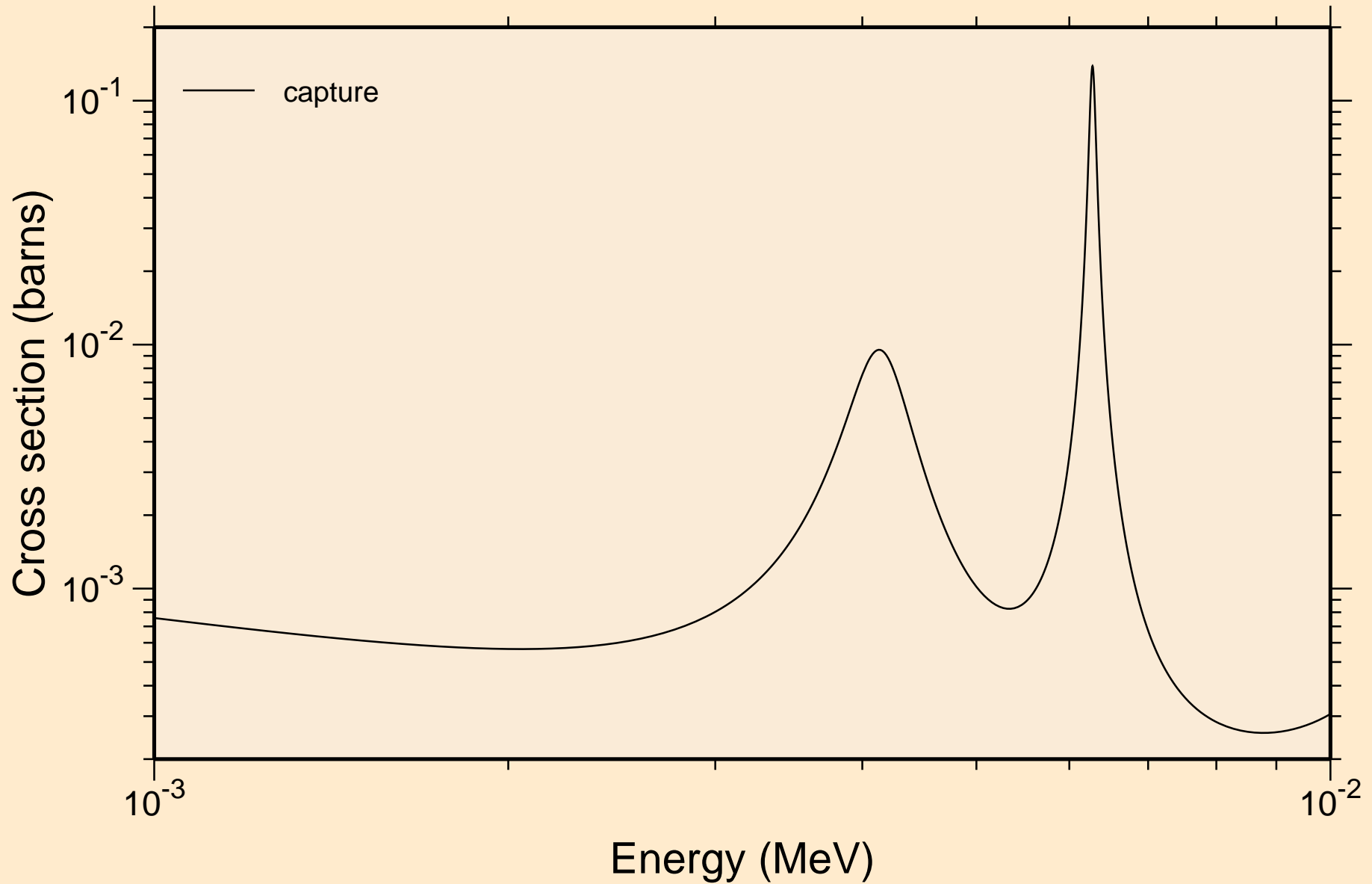
P037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



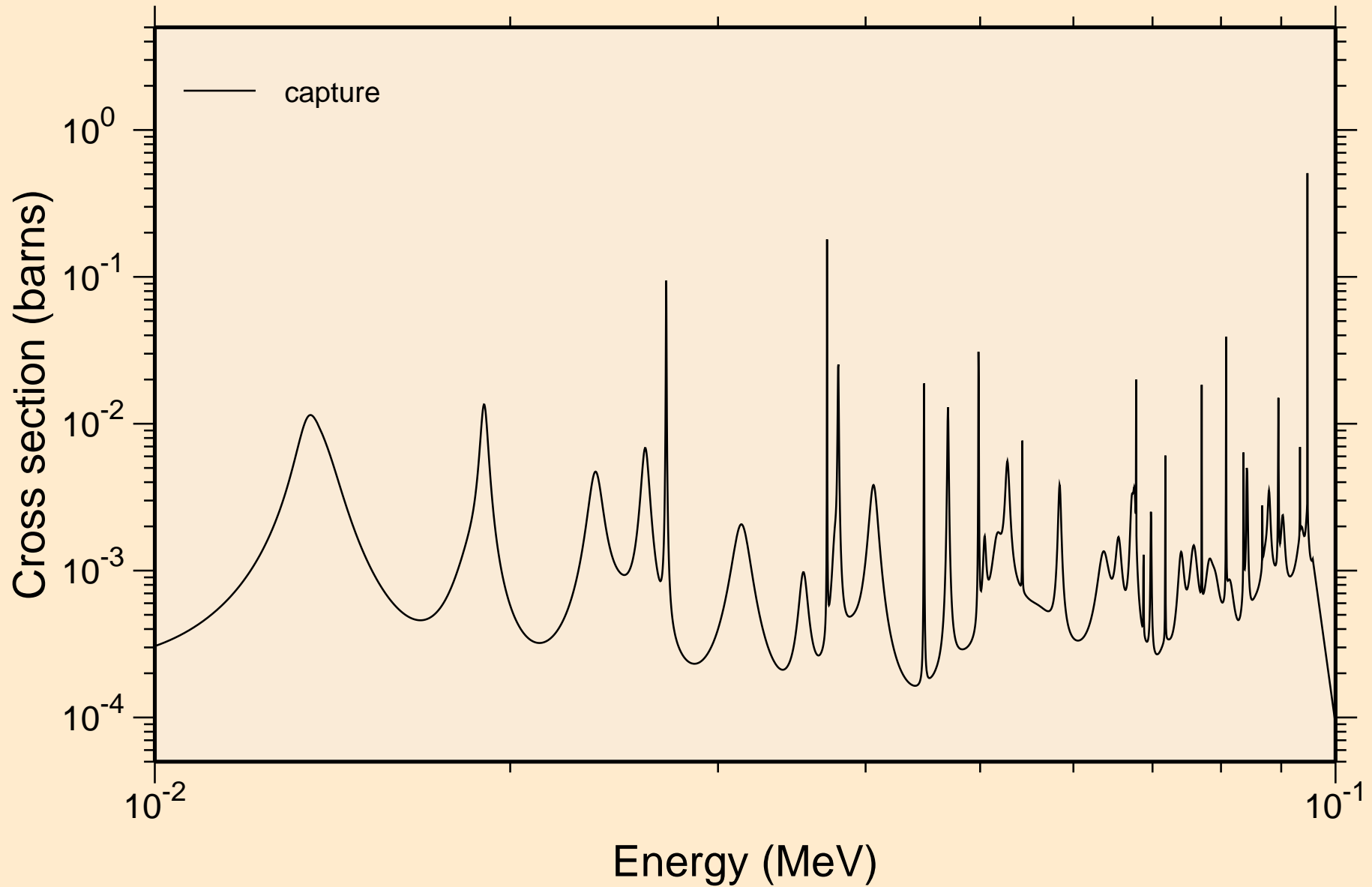
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resonance total cross section



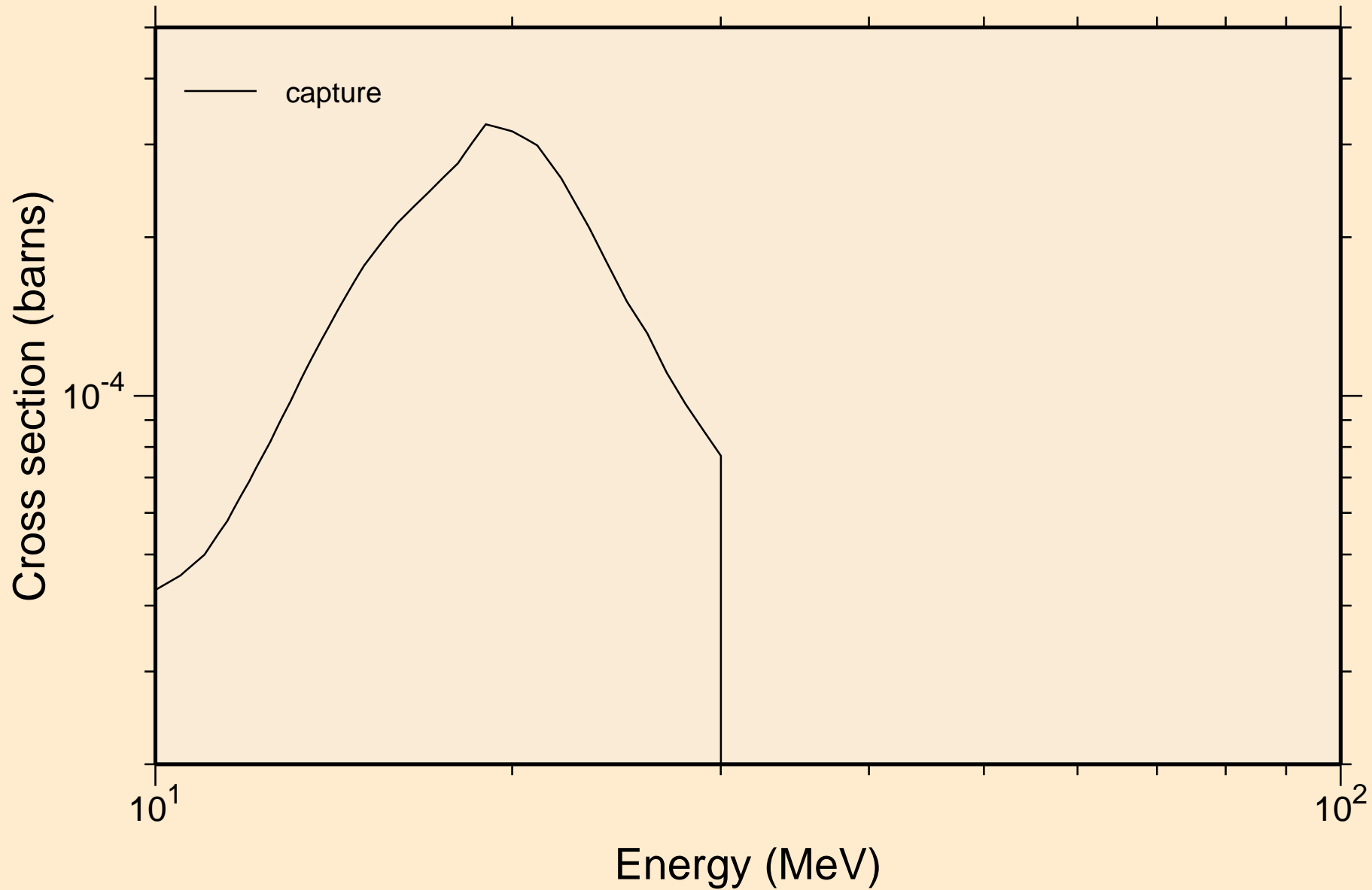
P037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



P037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

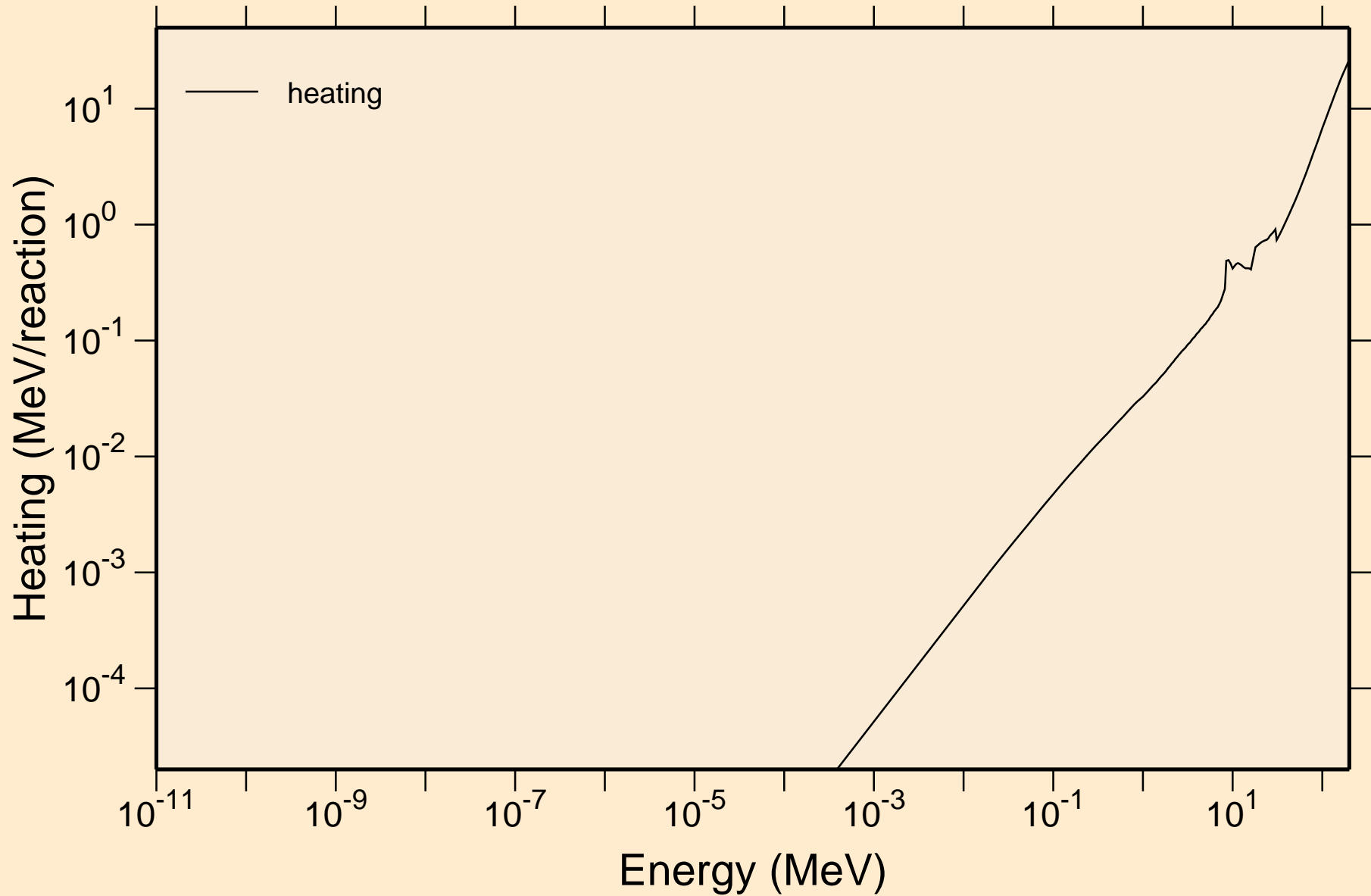


P037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



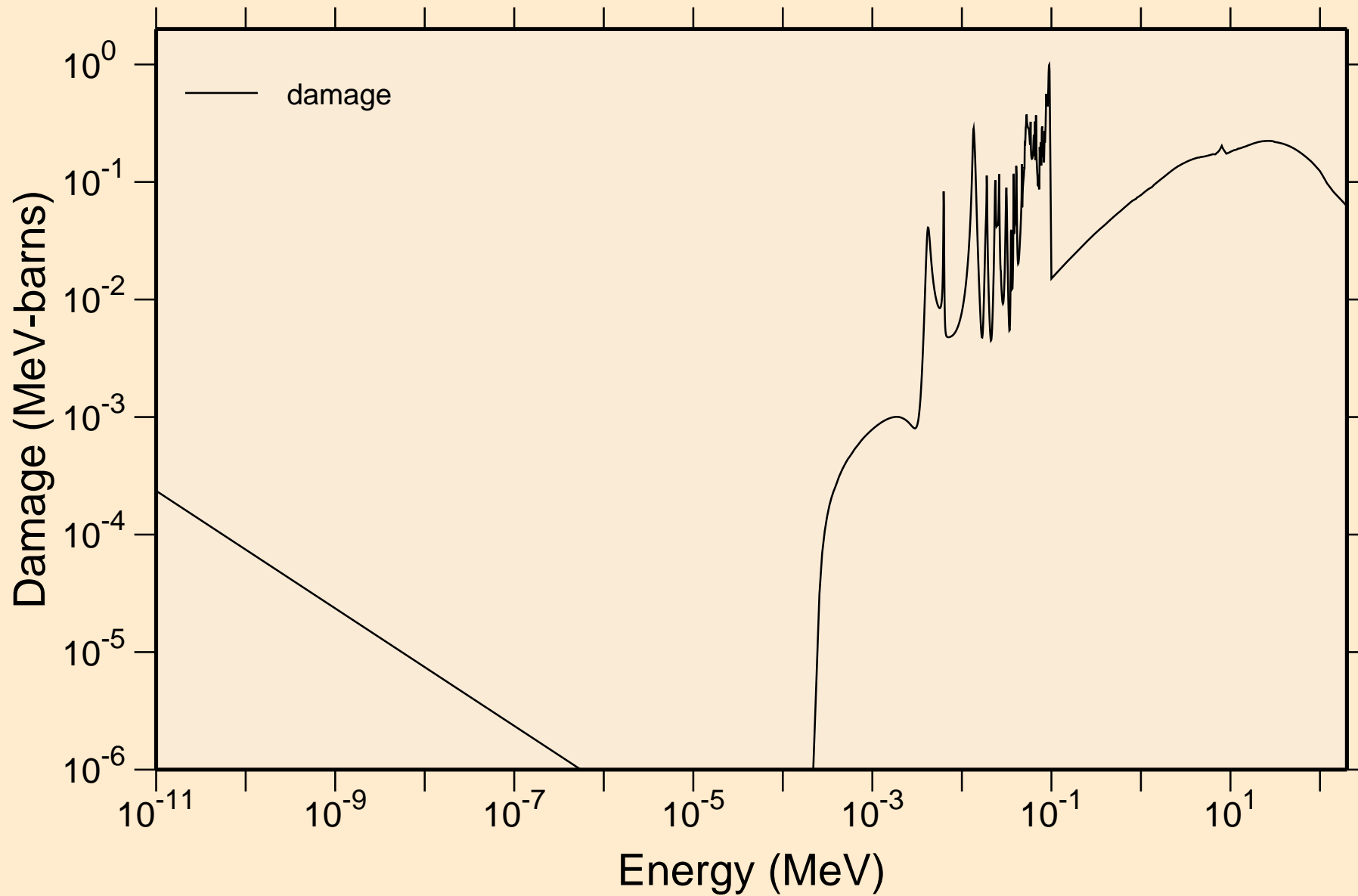
# P037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

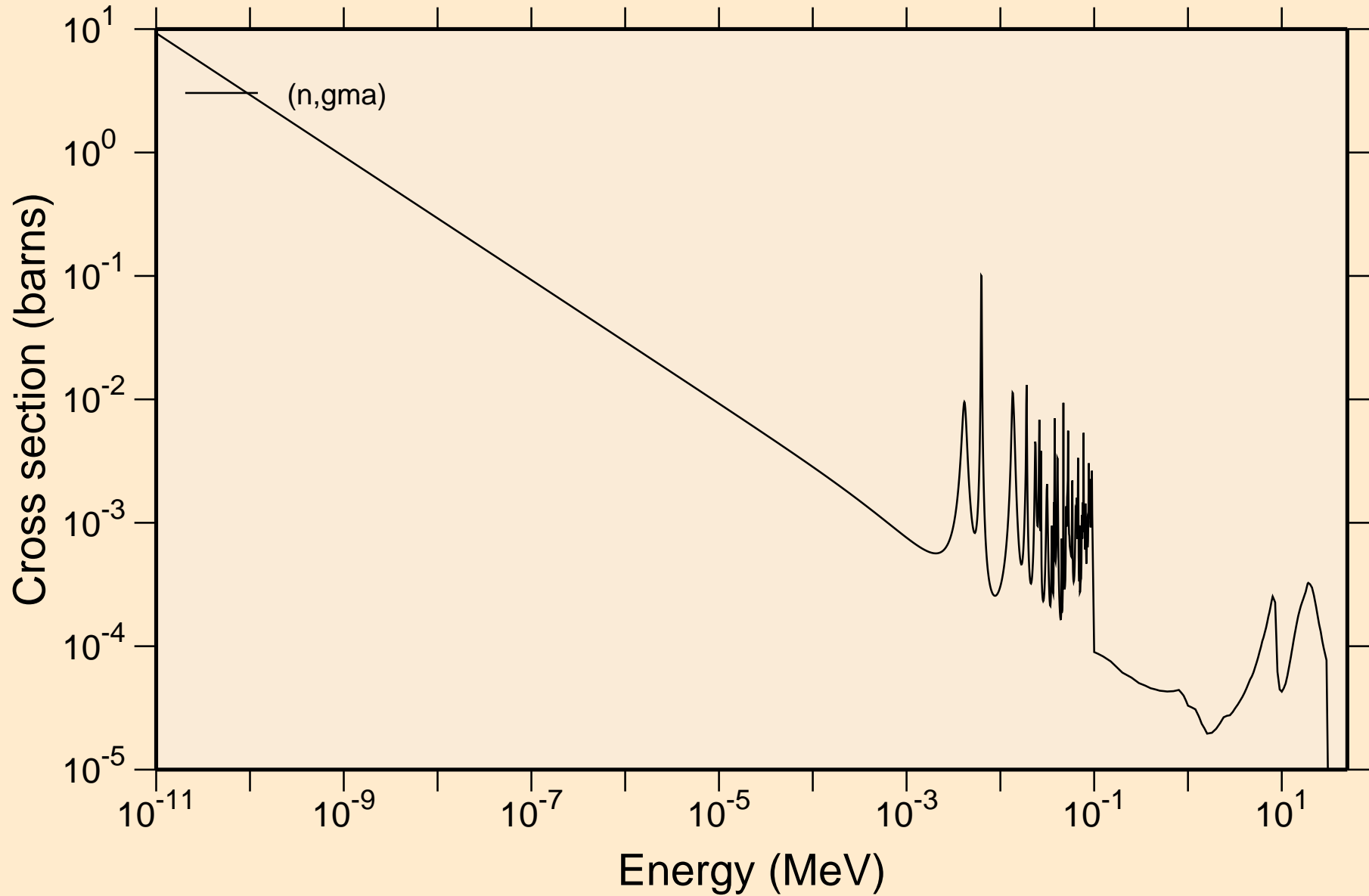




P037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage

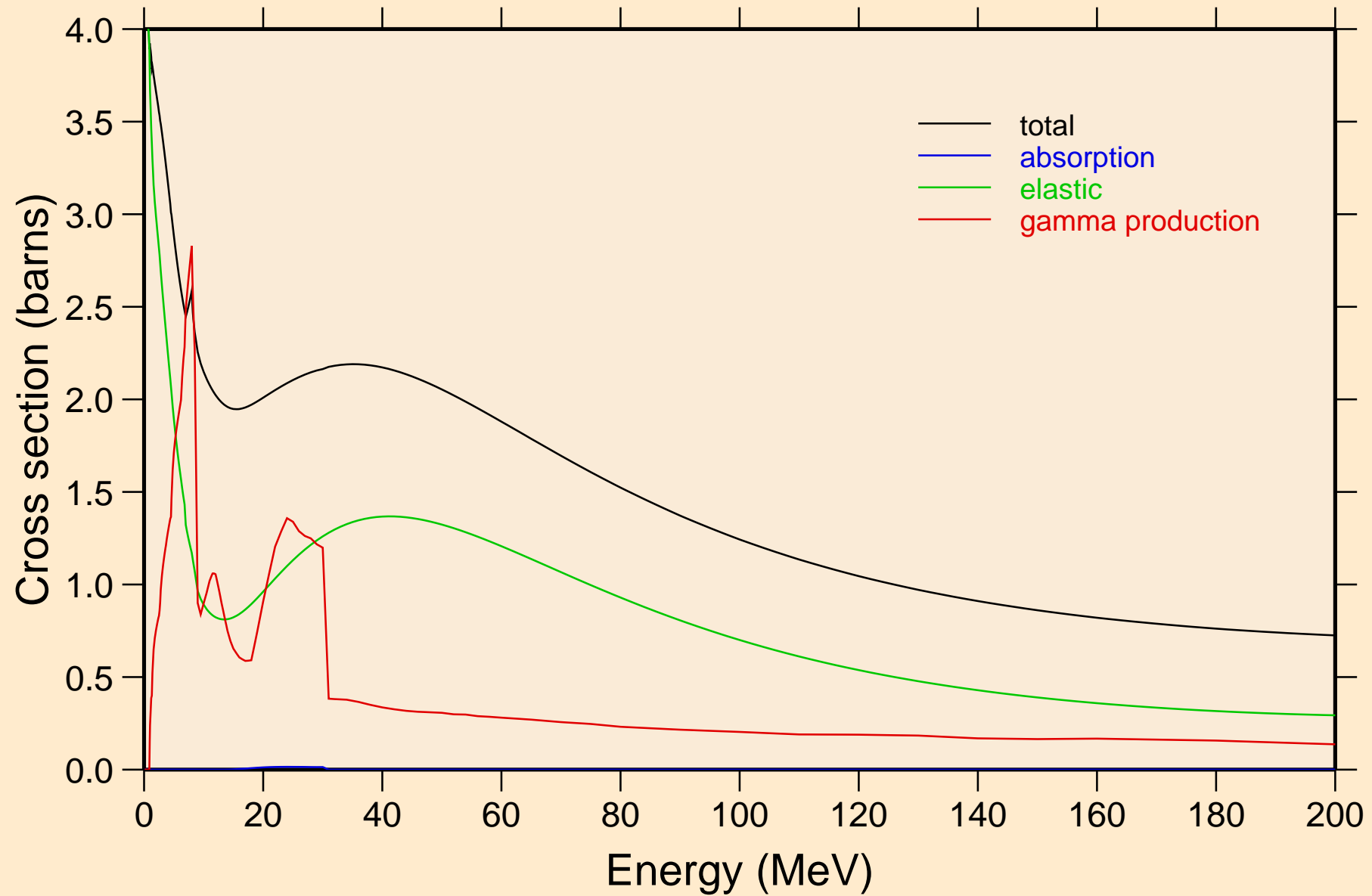


P037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



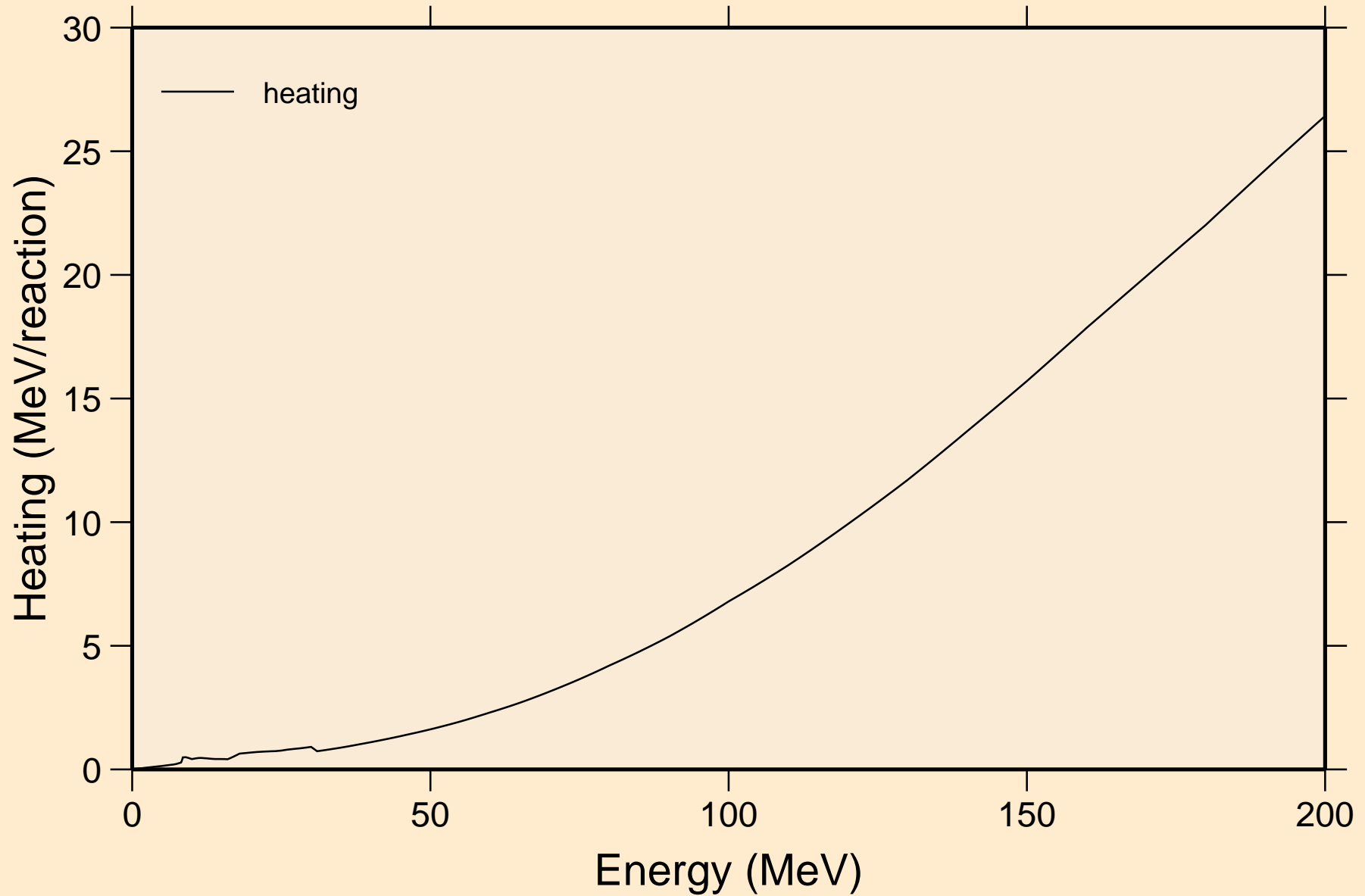
# P037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



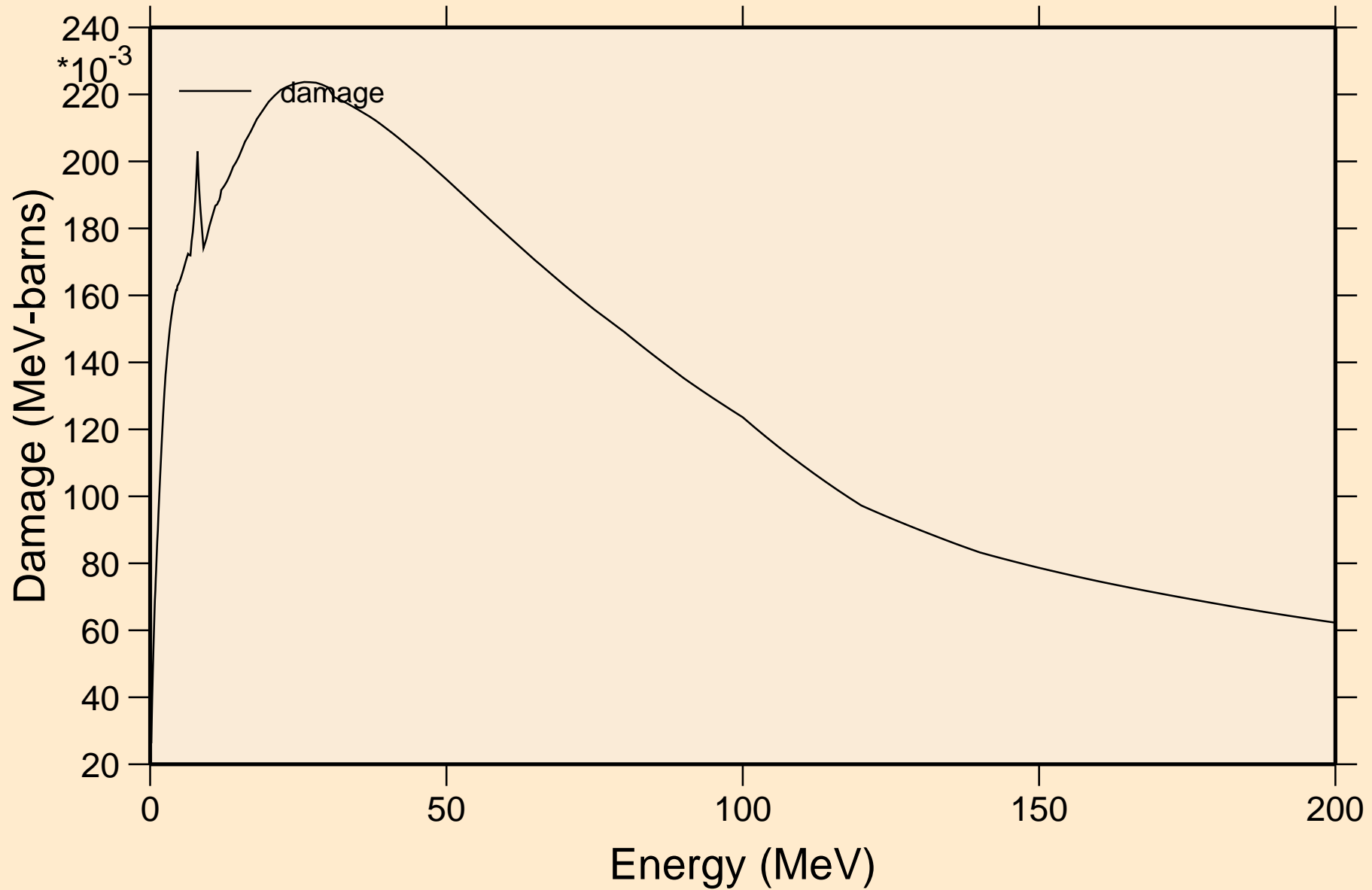
P037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating

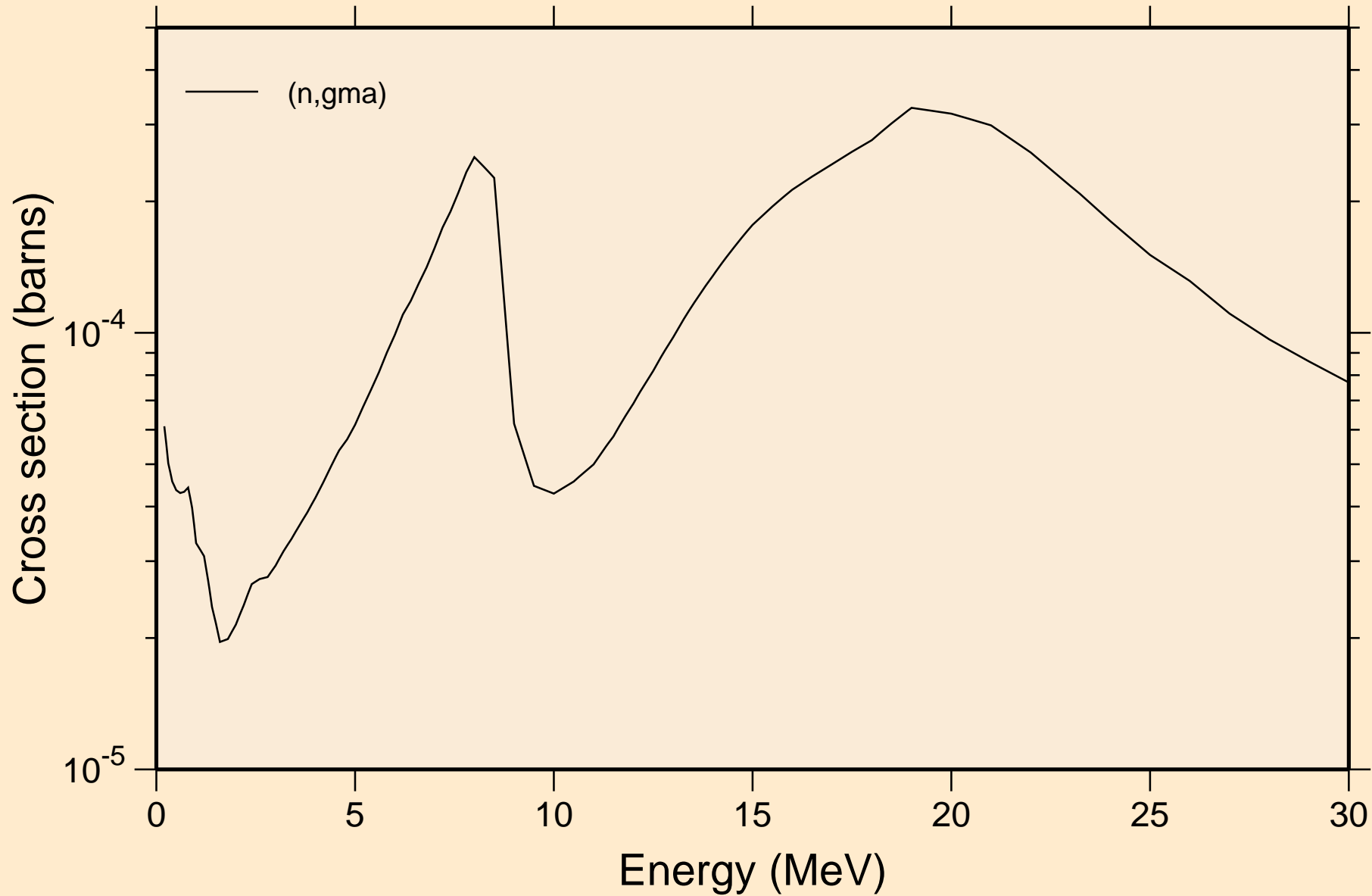


# P037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

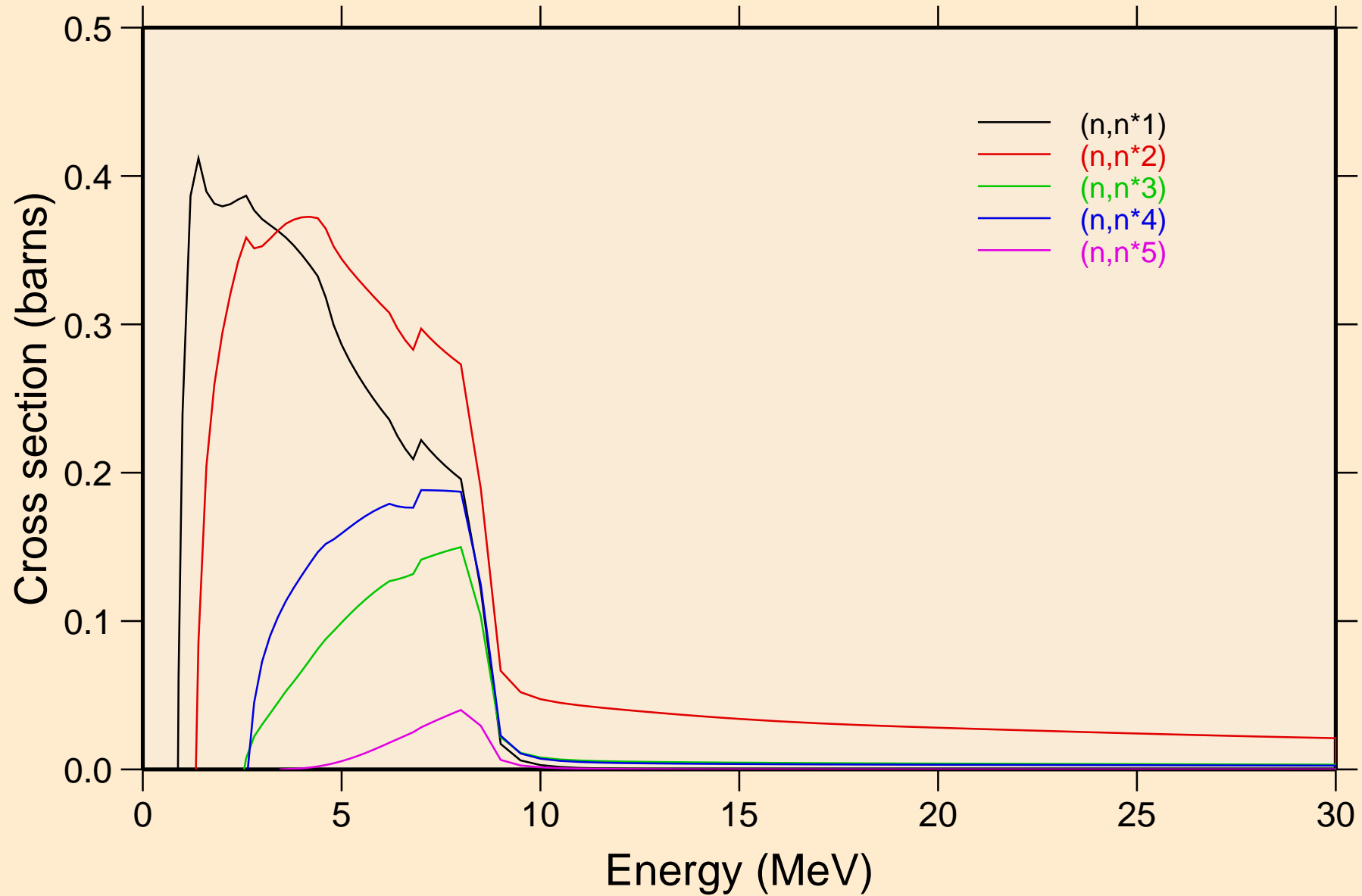
## Damage



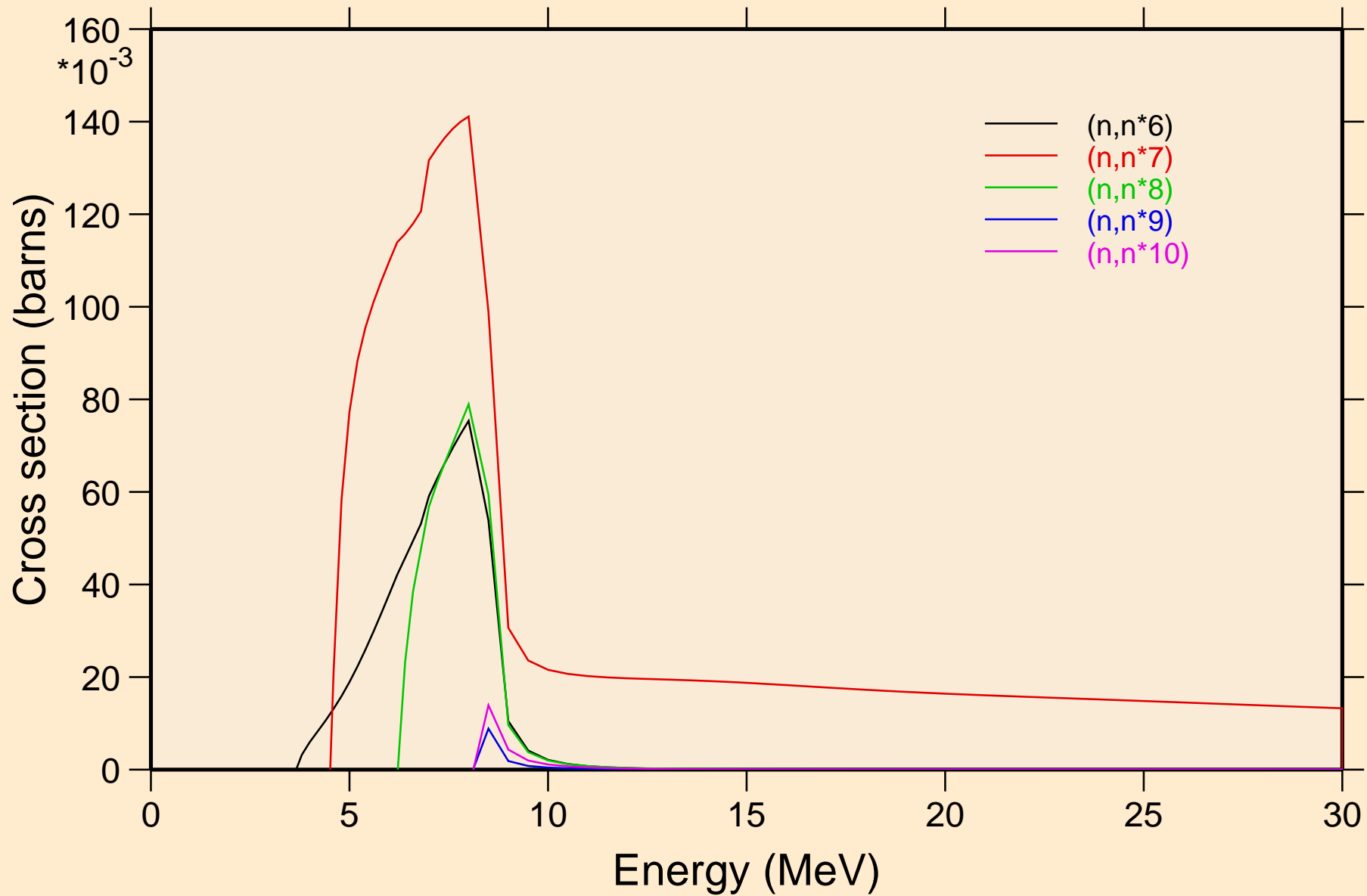
P037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



P037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

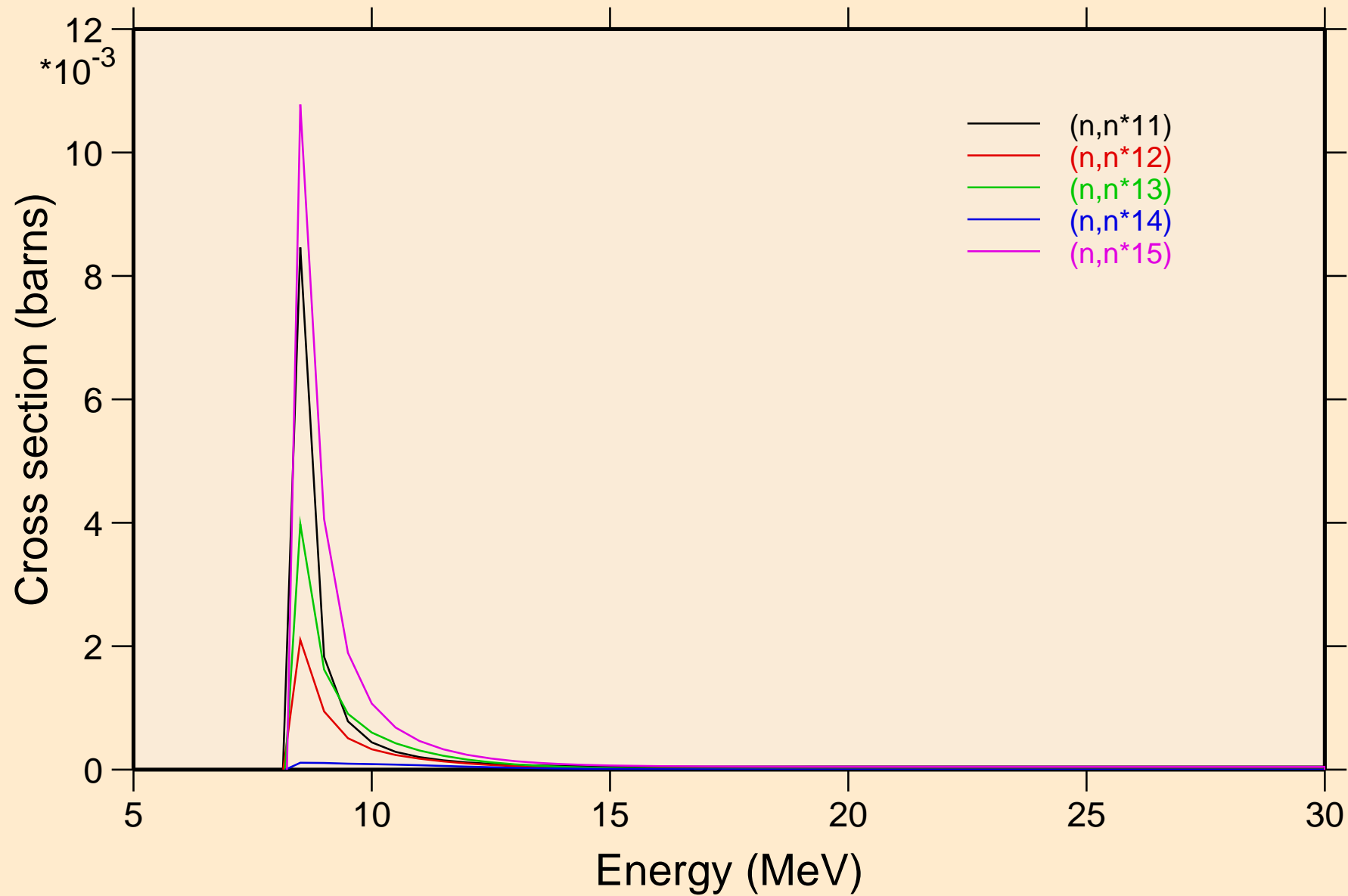


P037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

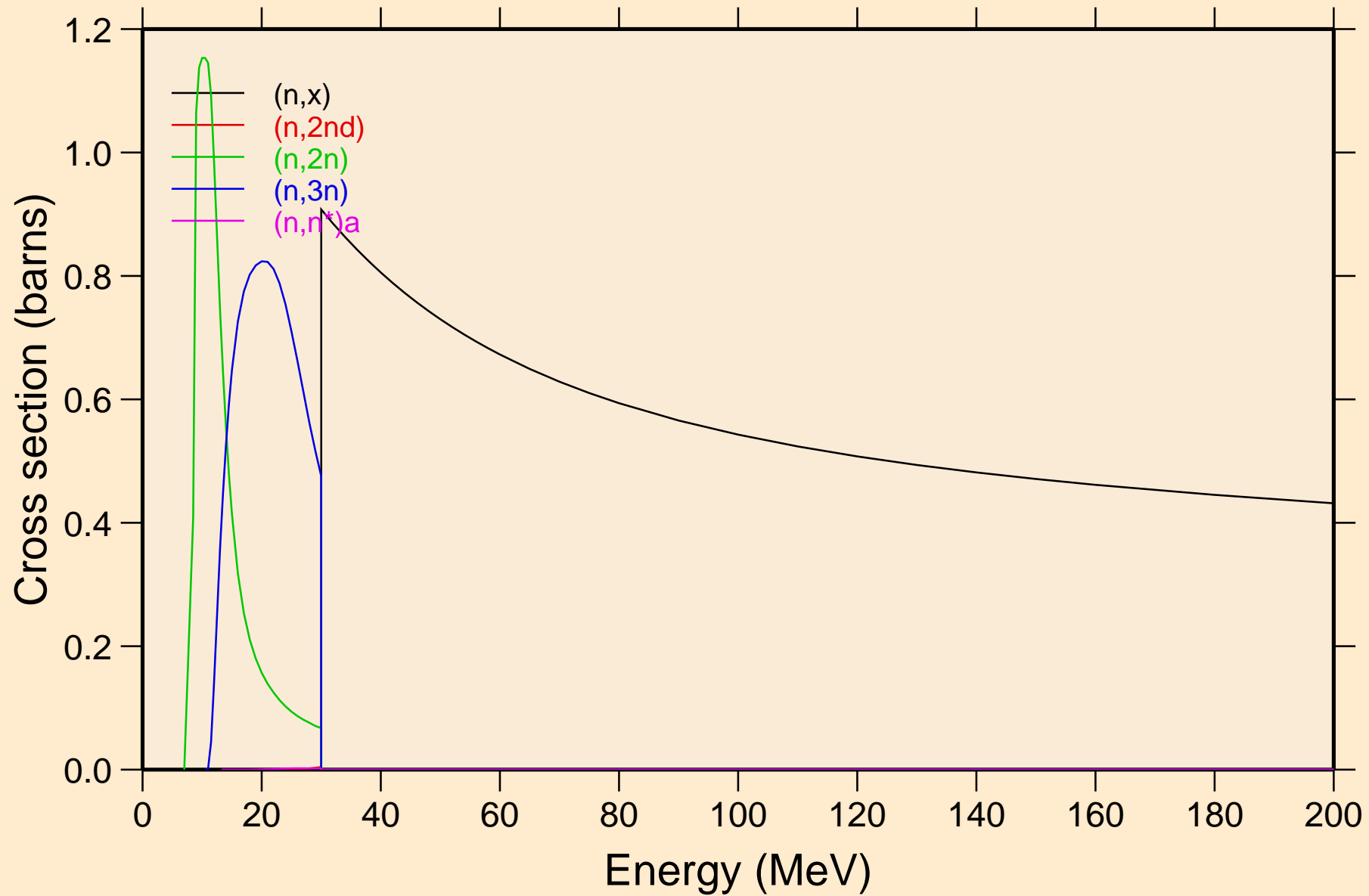




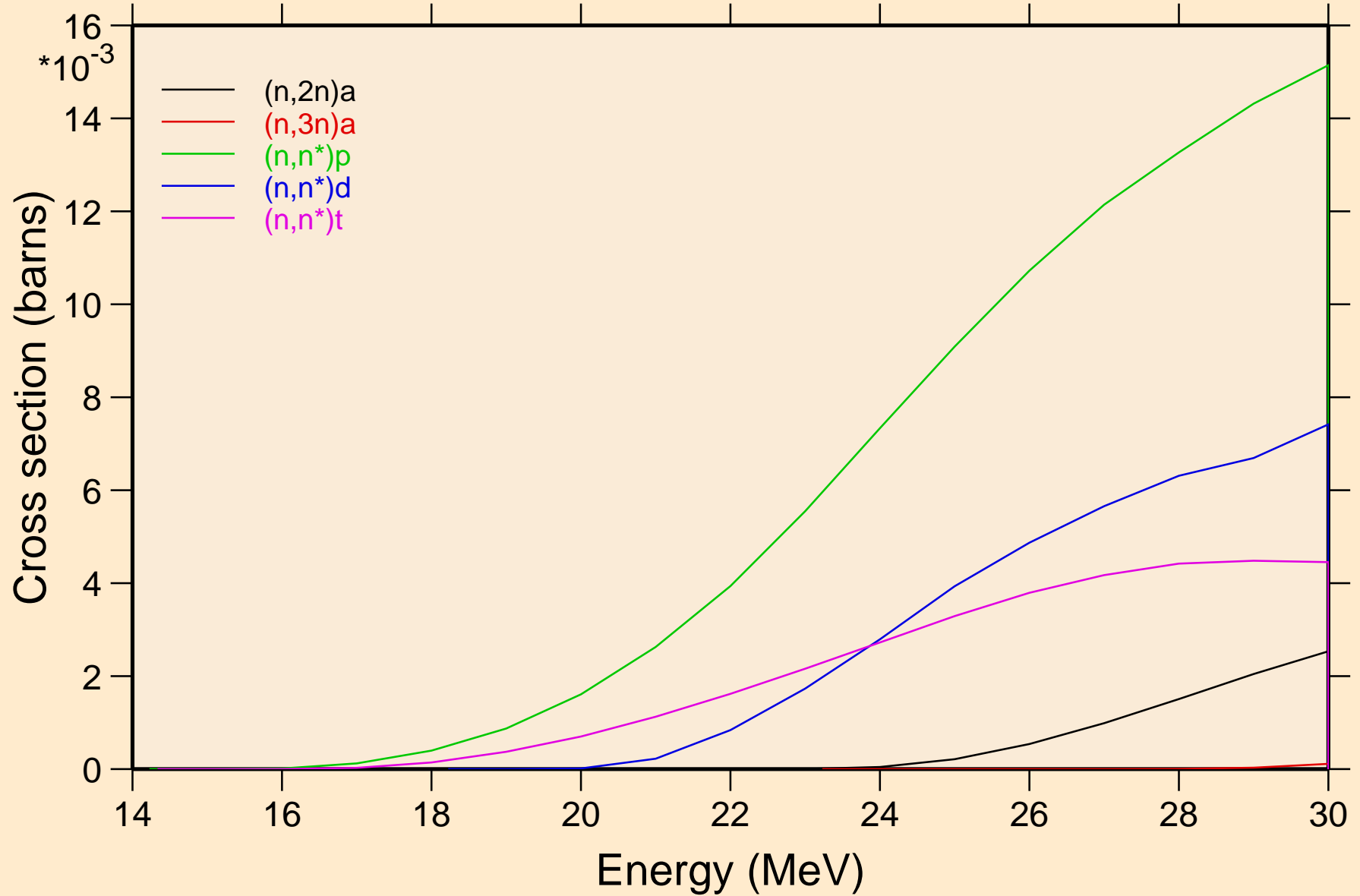
P037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



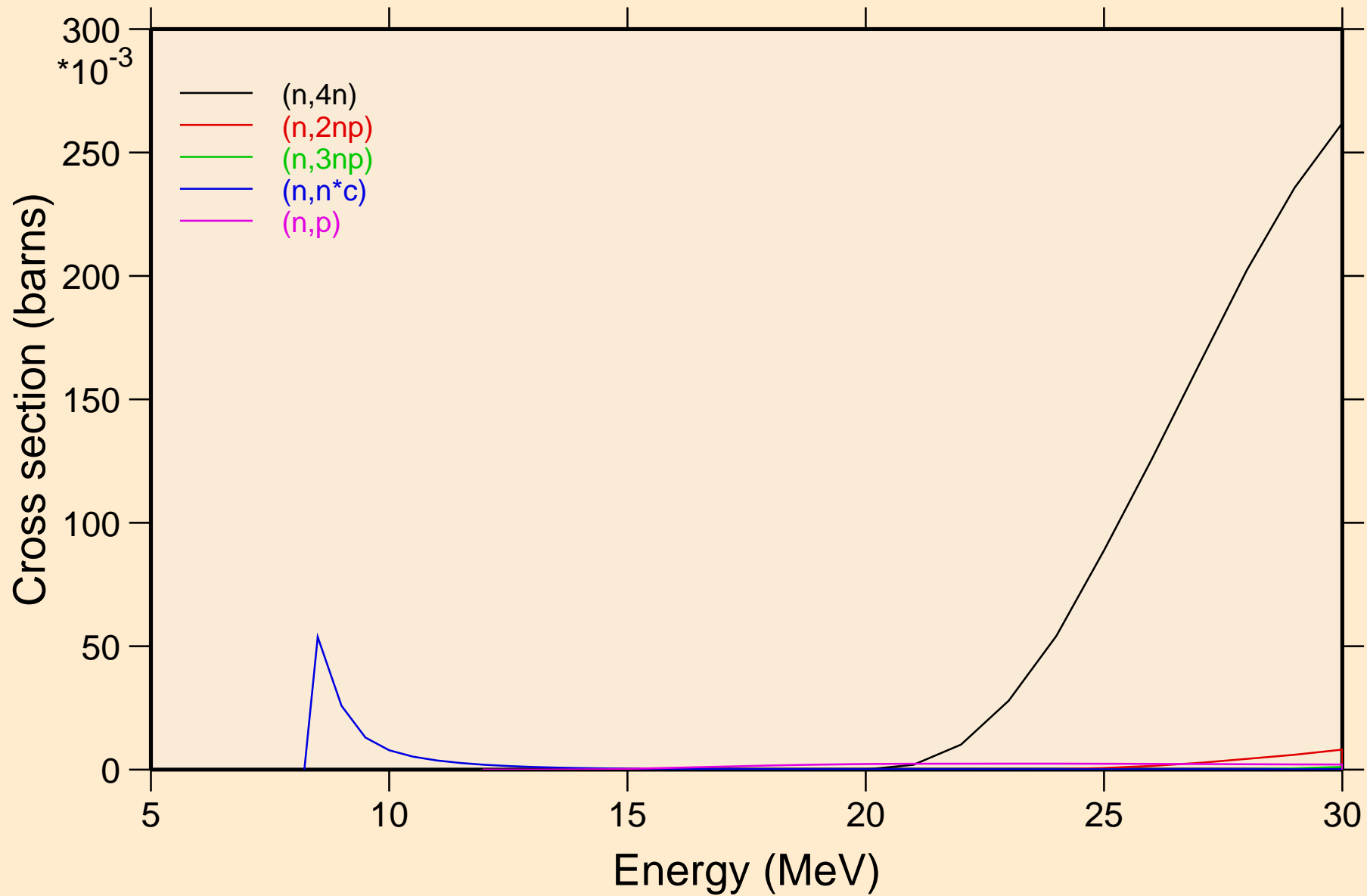
P037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



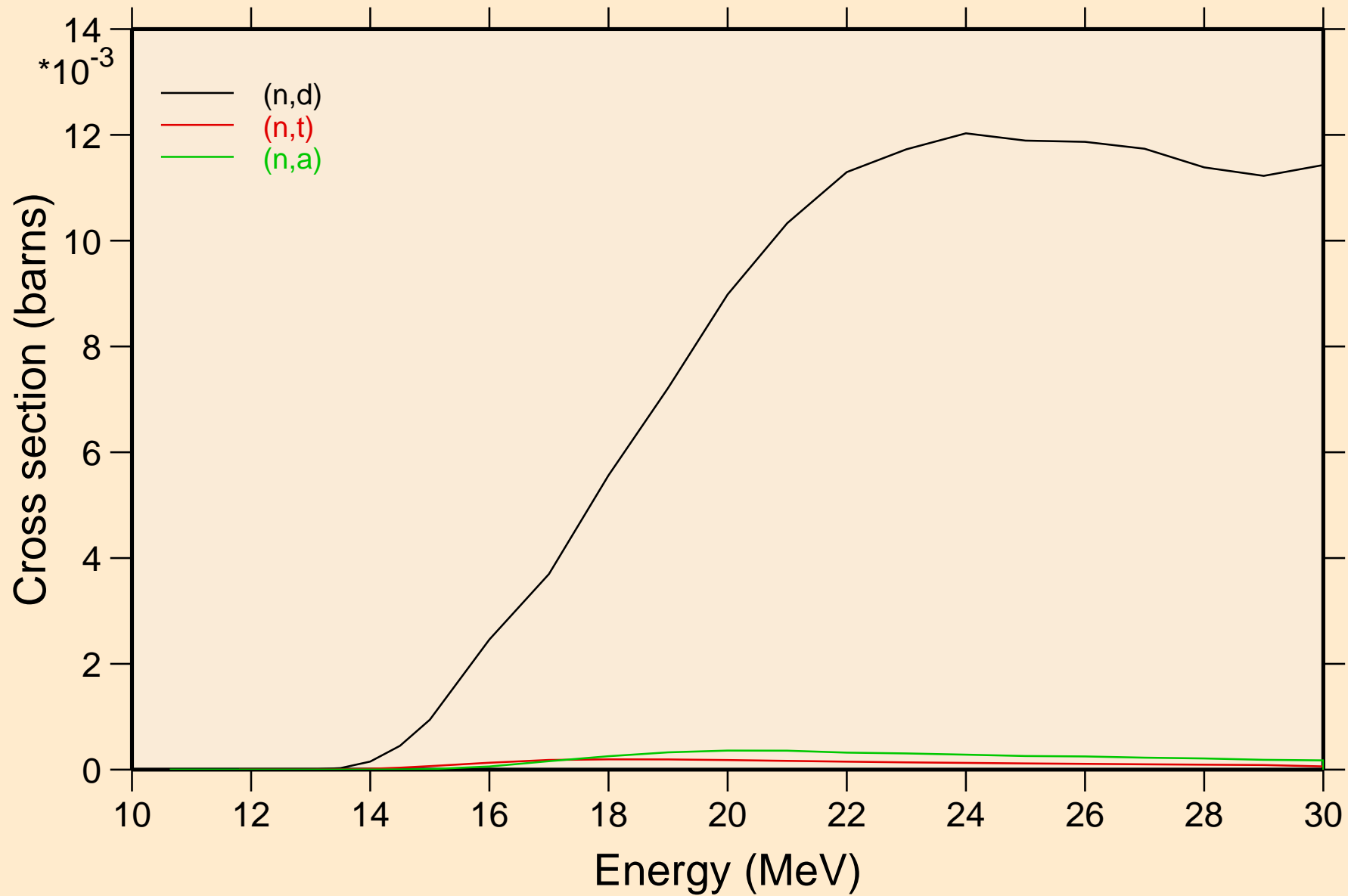
P037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



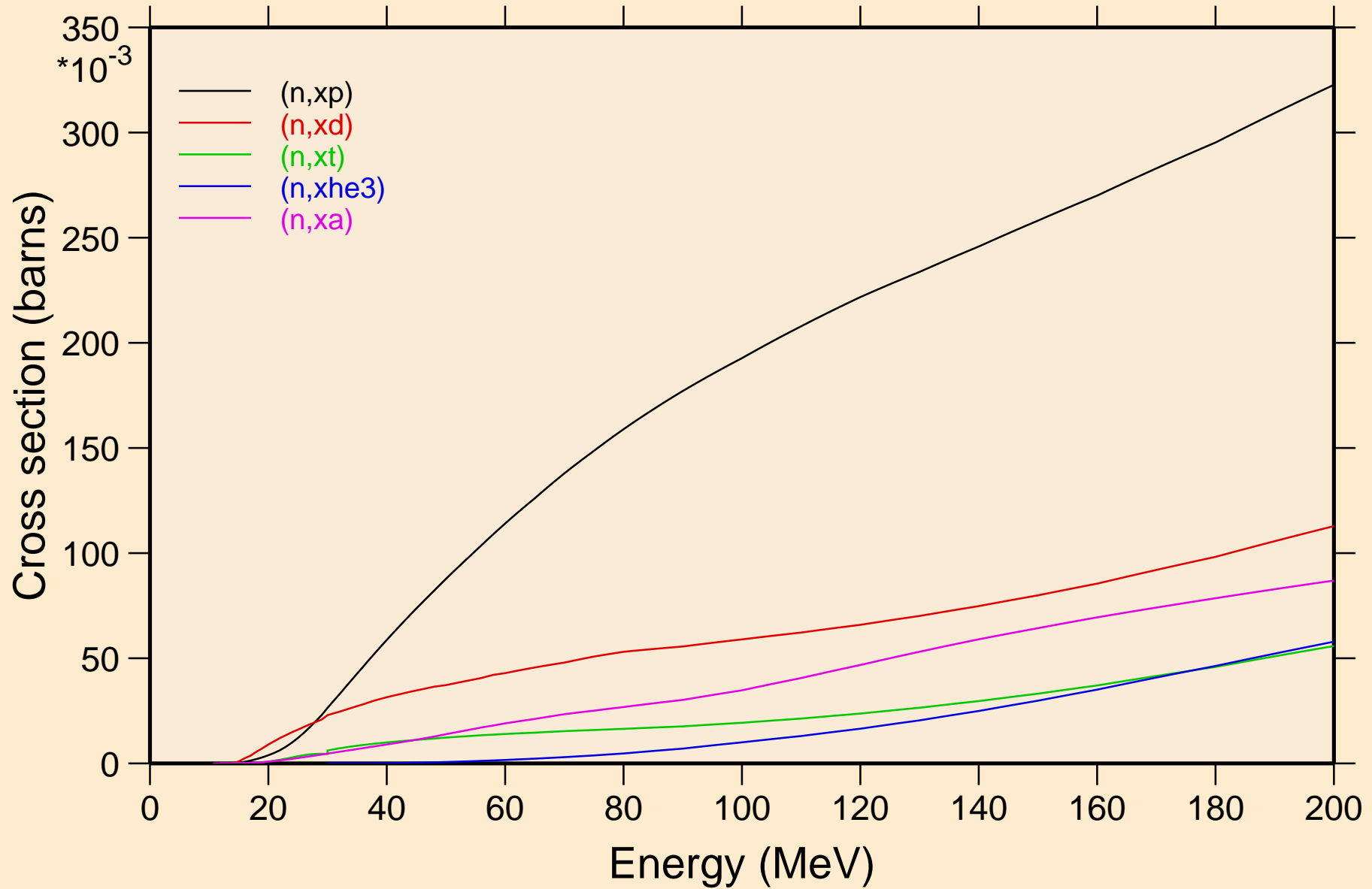
P037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



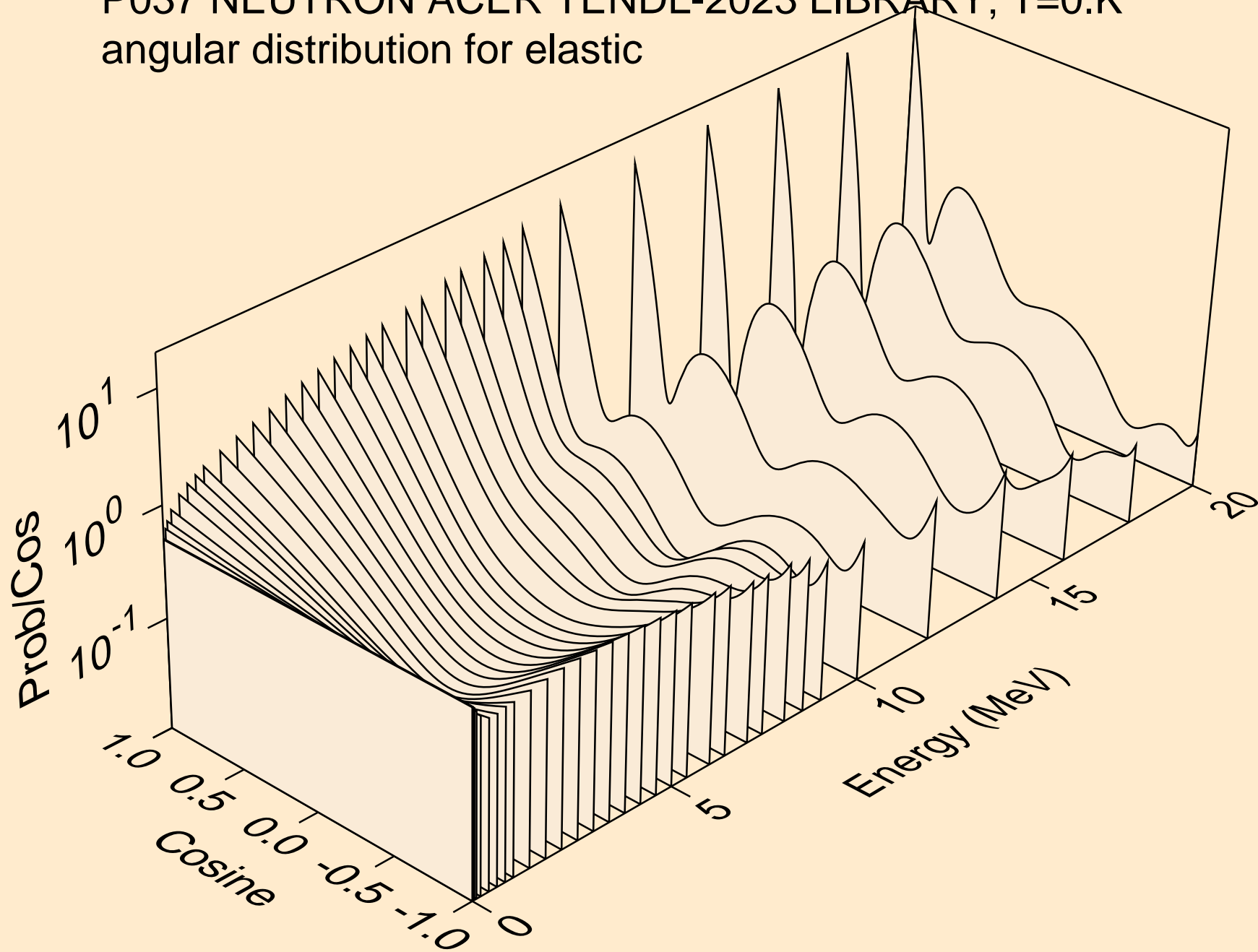
P037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



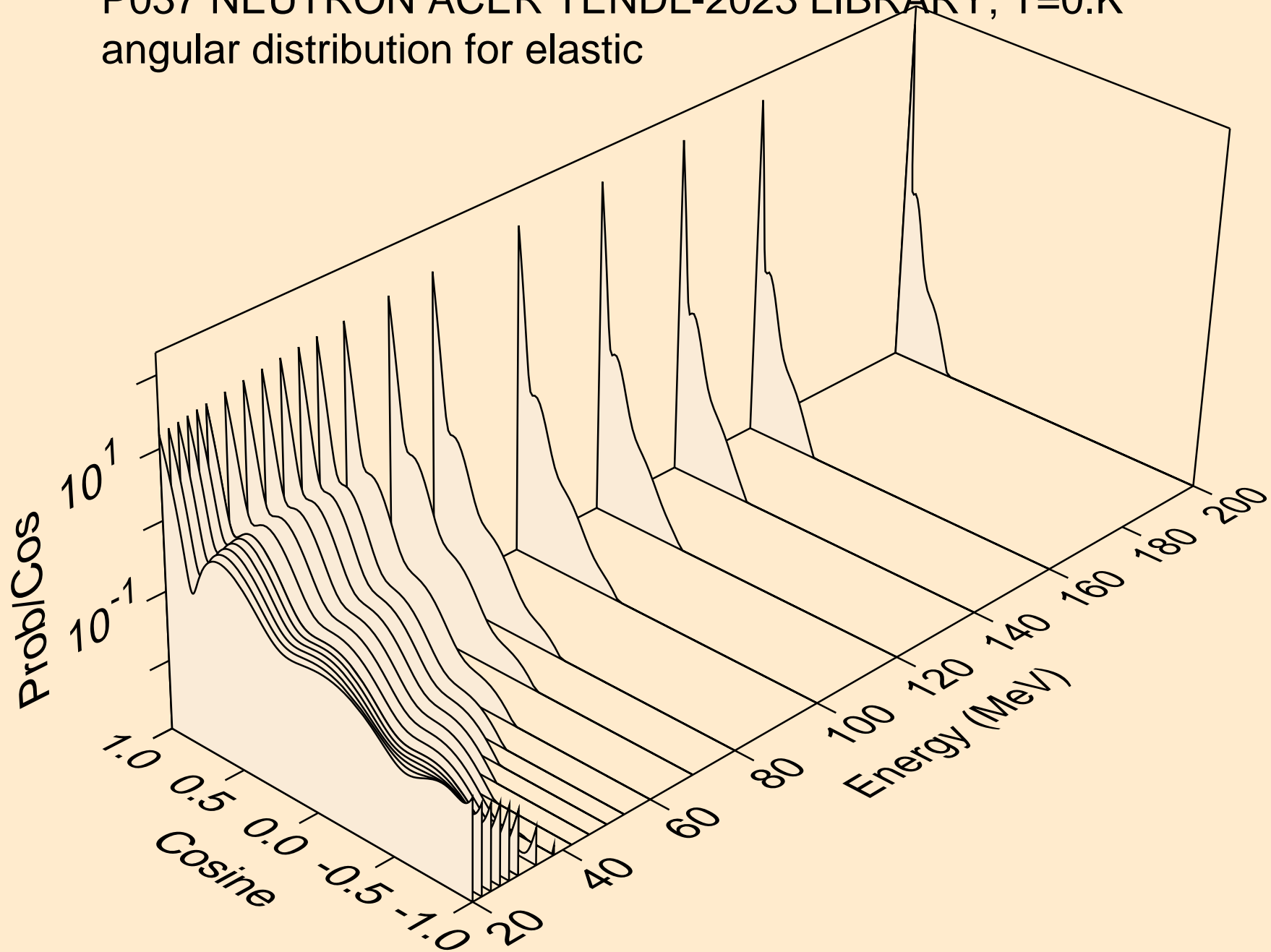
P037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



P037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

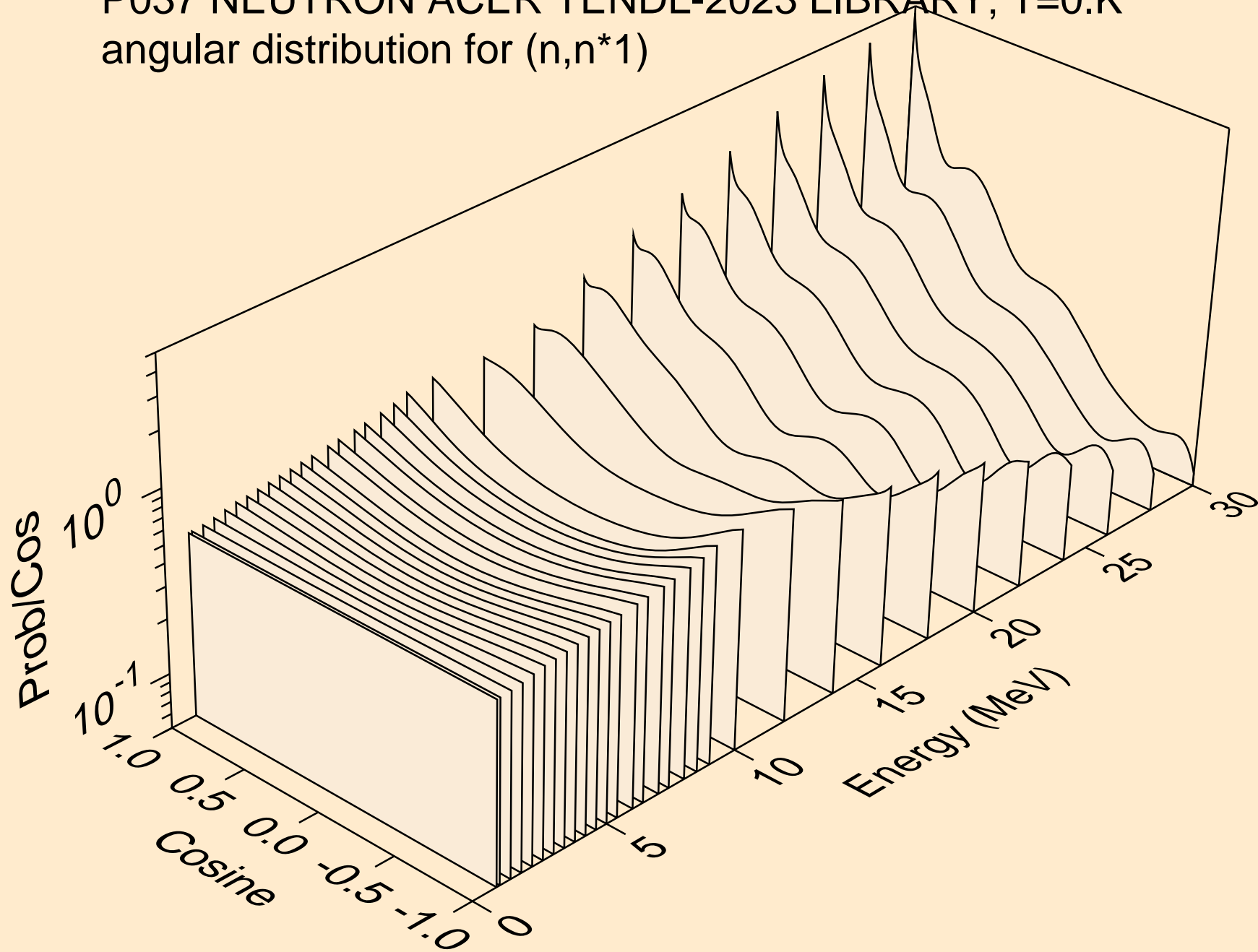


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angular distribution for elastic

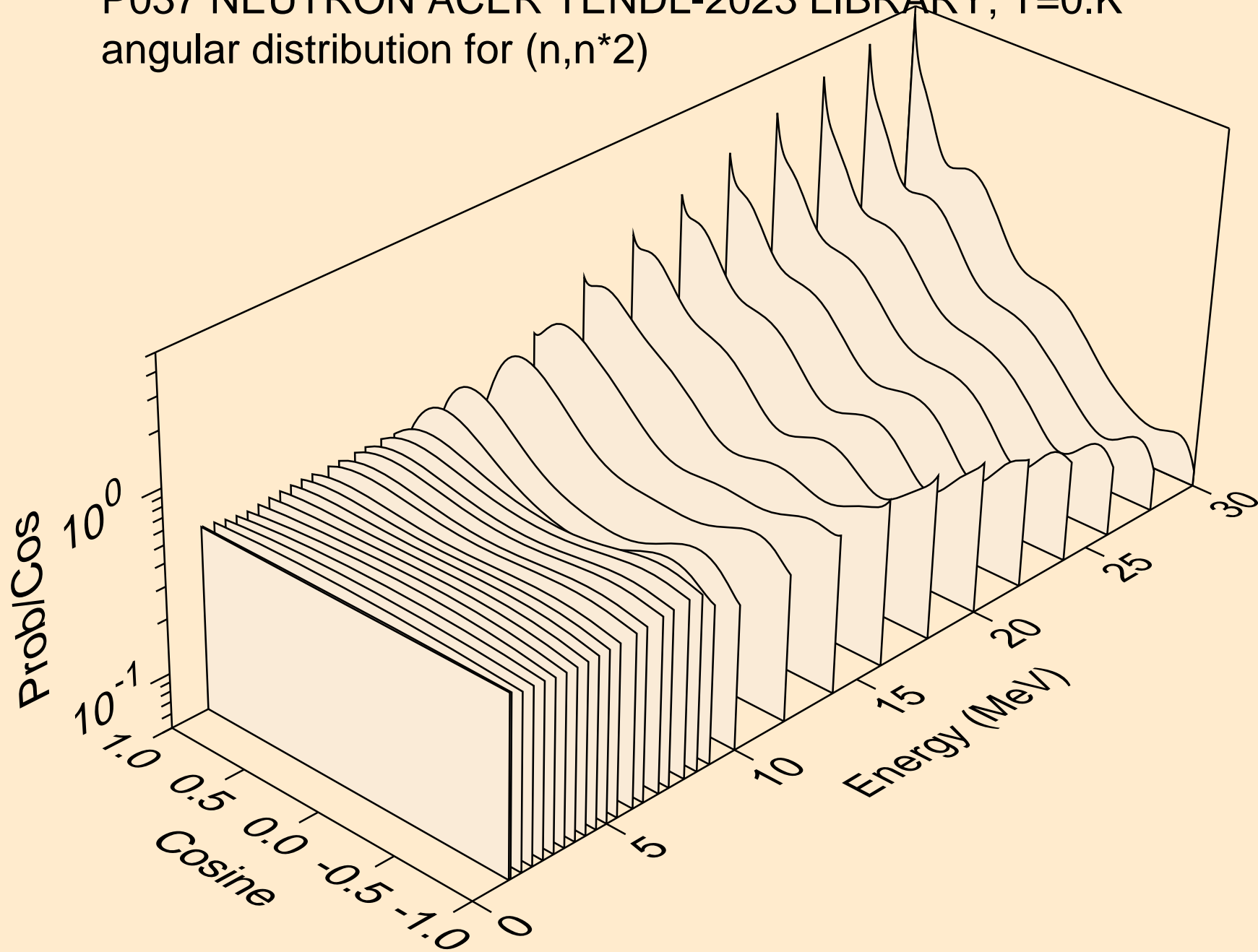




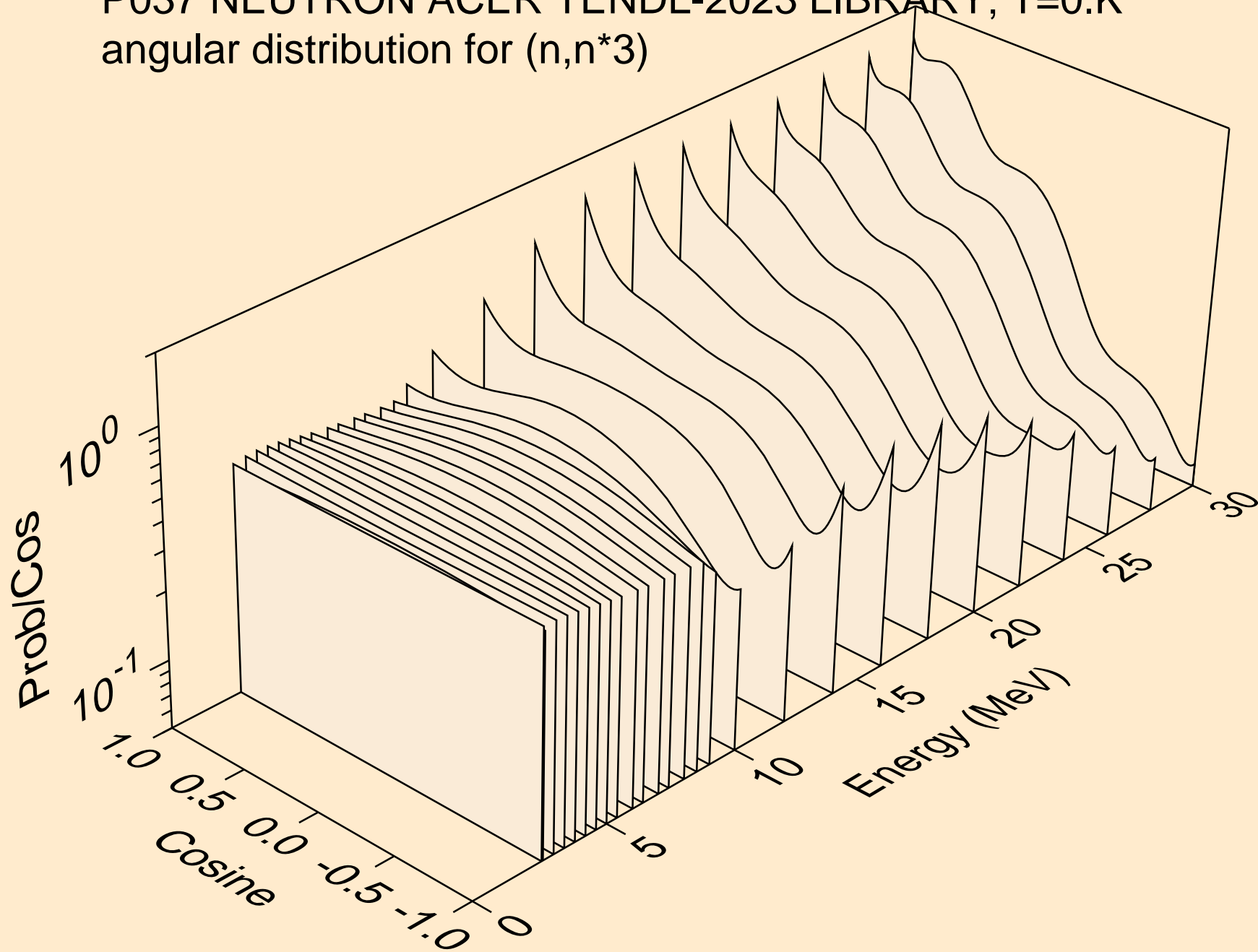
P037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



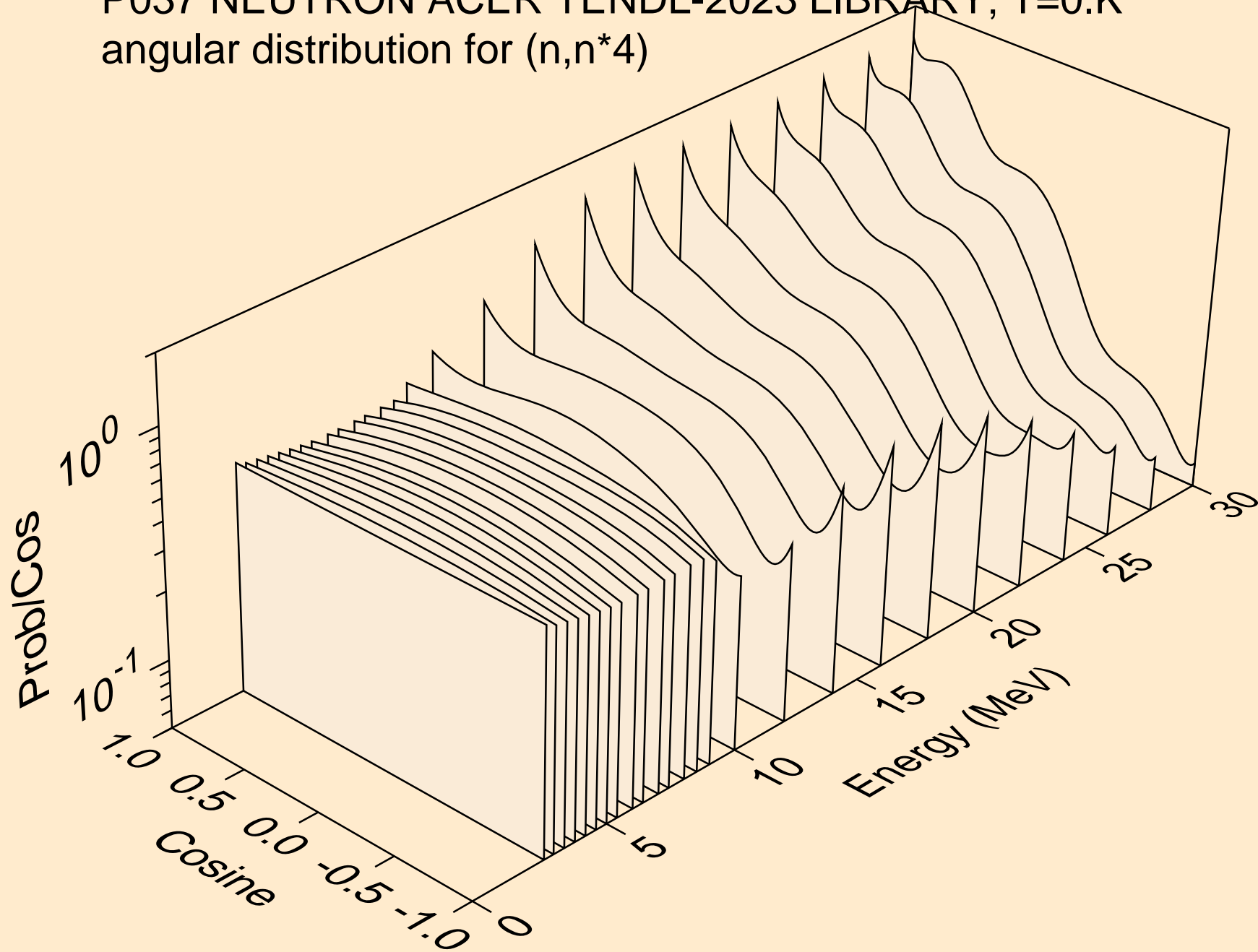
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angular distribution for (n,n\*2)



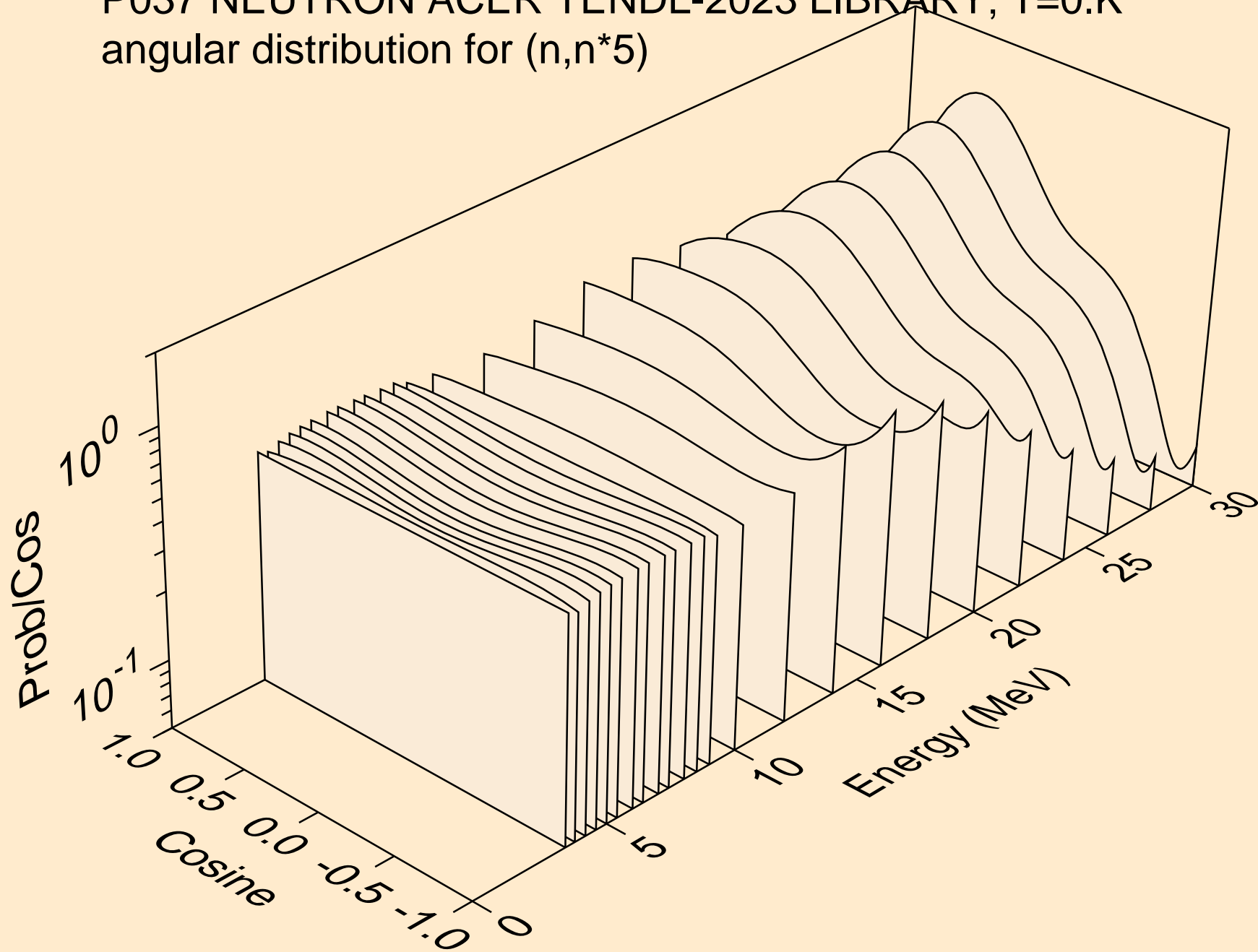
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angular distribution for (n,n\*3)



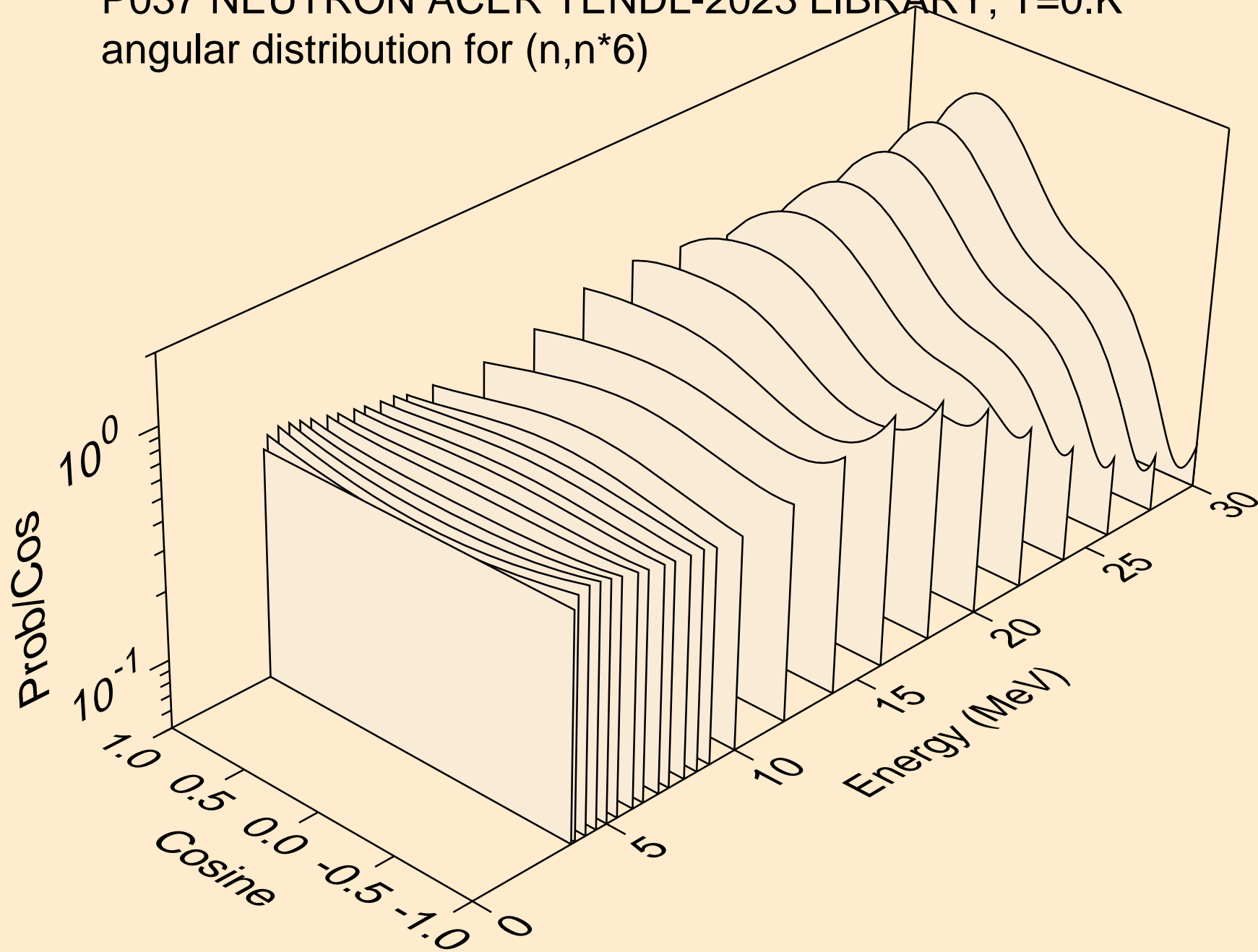
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angular distribution for (n,n\*4)



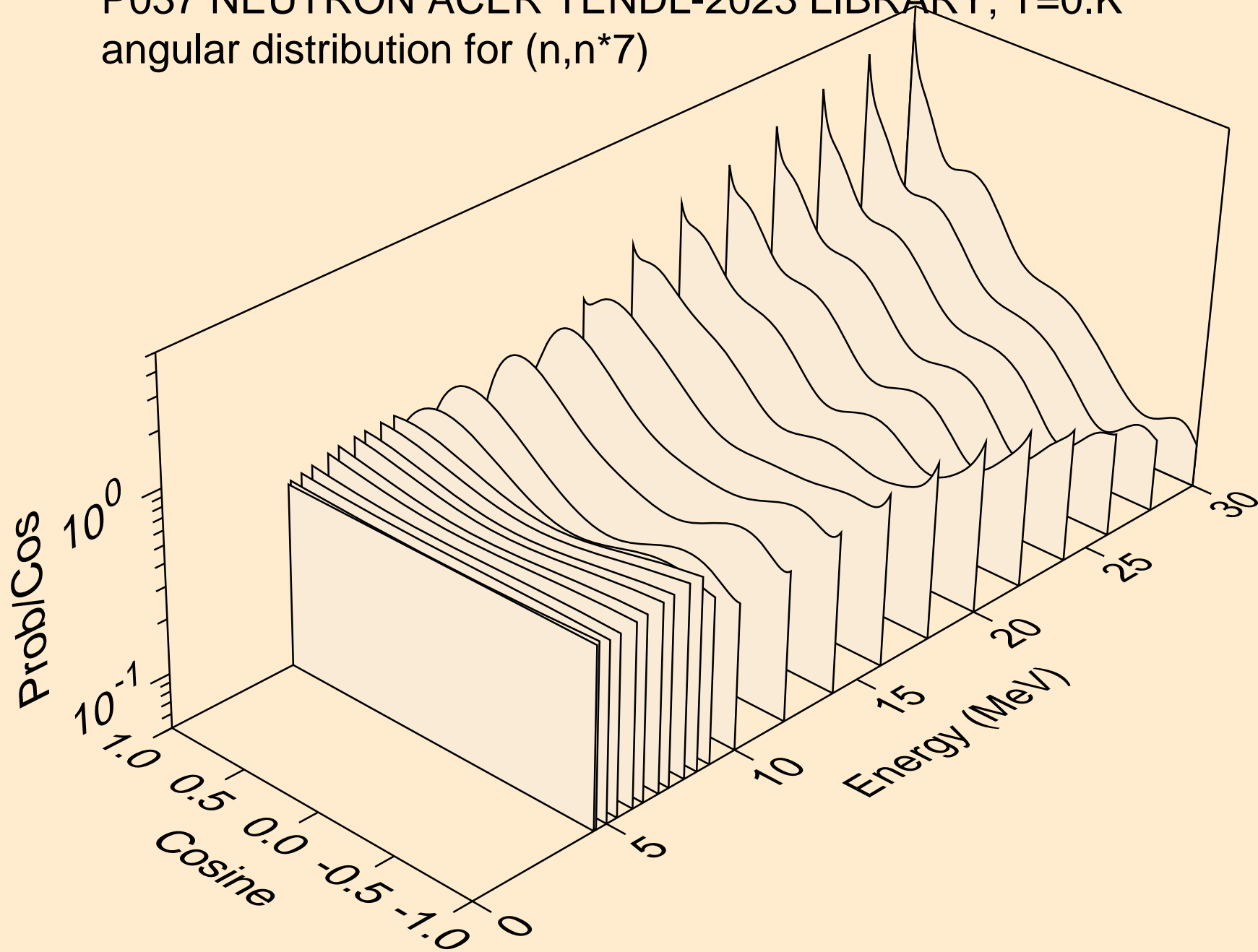
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angular distribution for (n,n\*5)



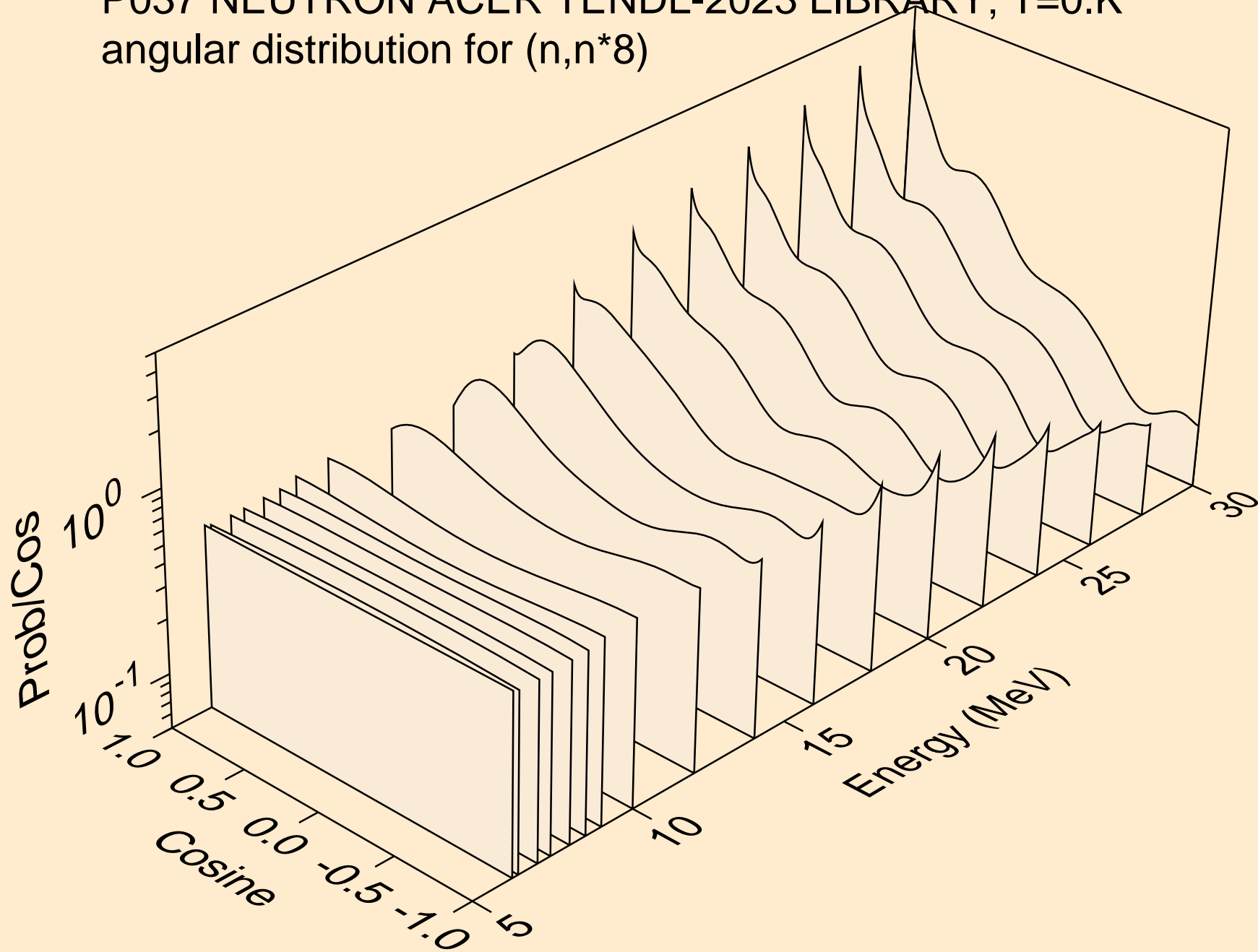
P037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



P037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*7)

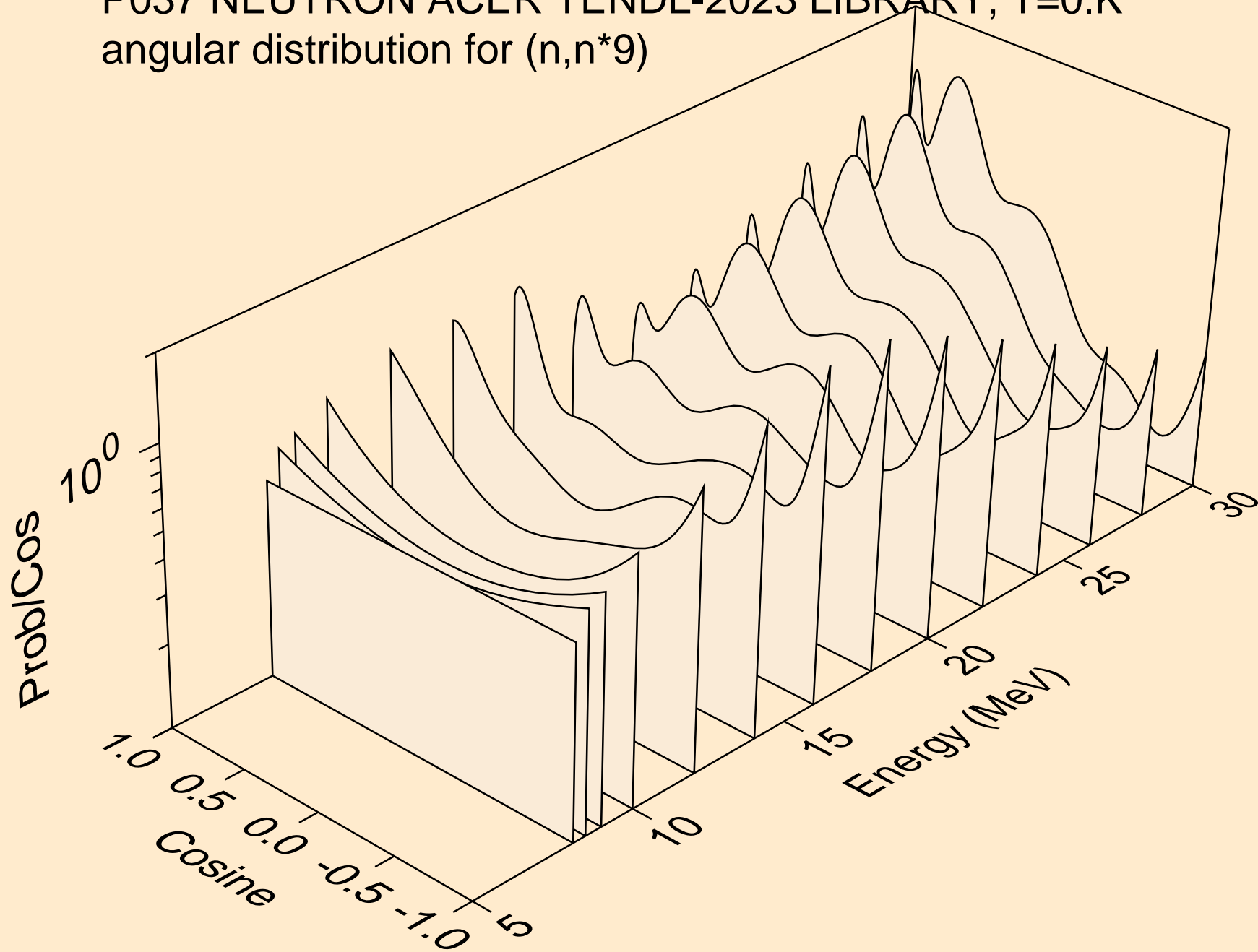


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angular distribution for (n,n\*8)

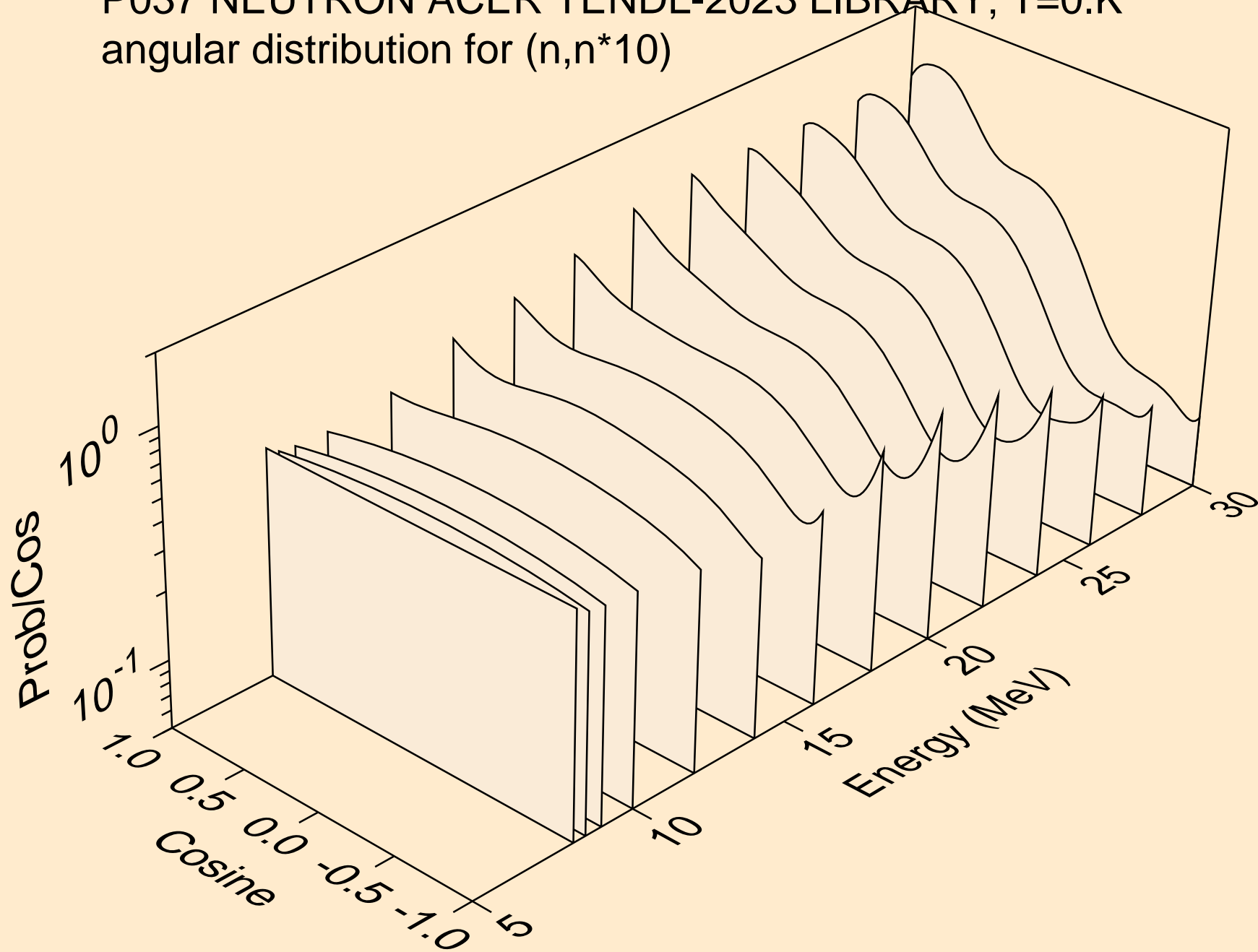




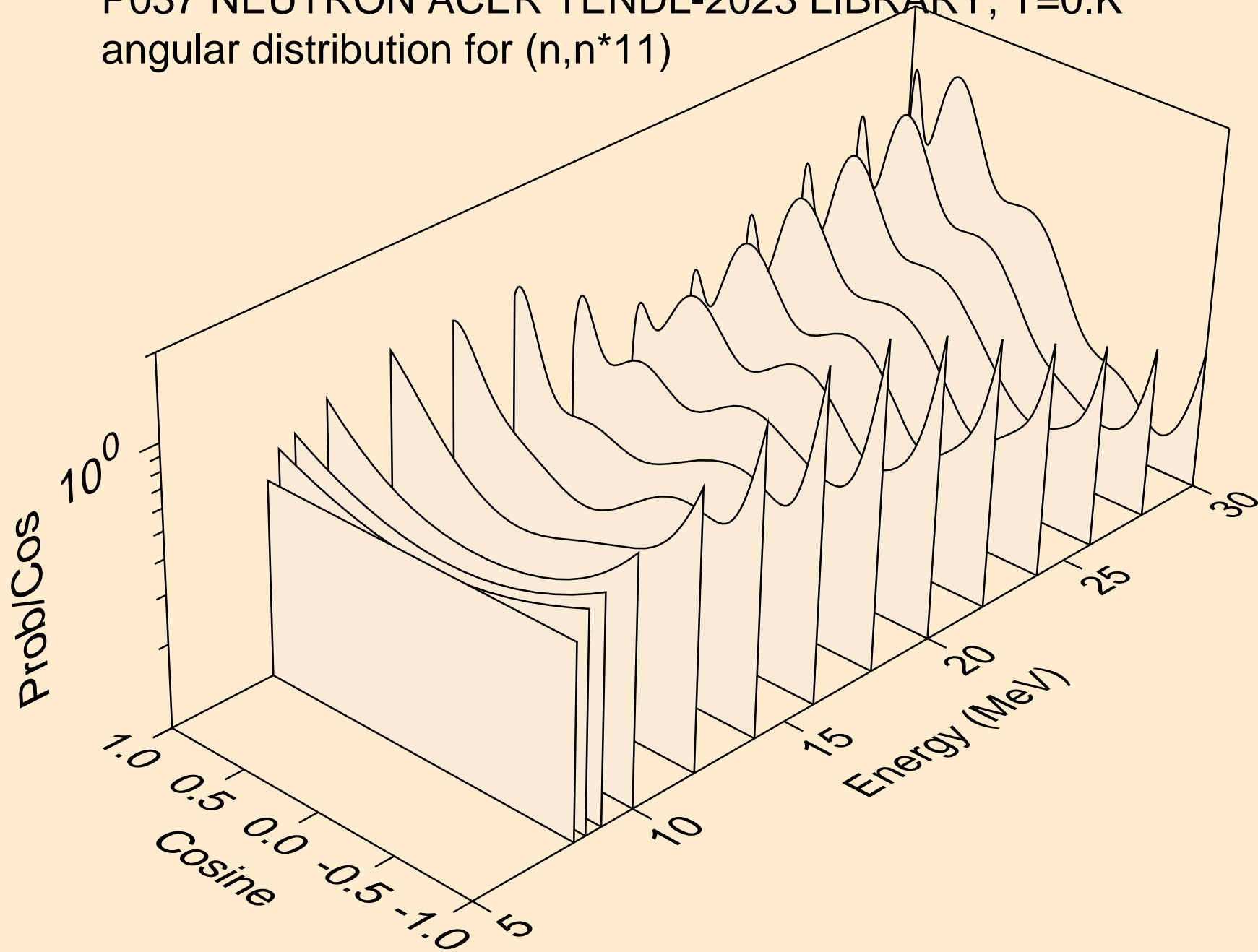
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angular distribution for (n,n\*9)



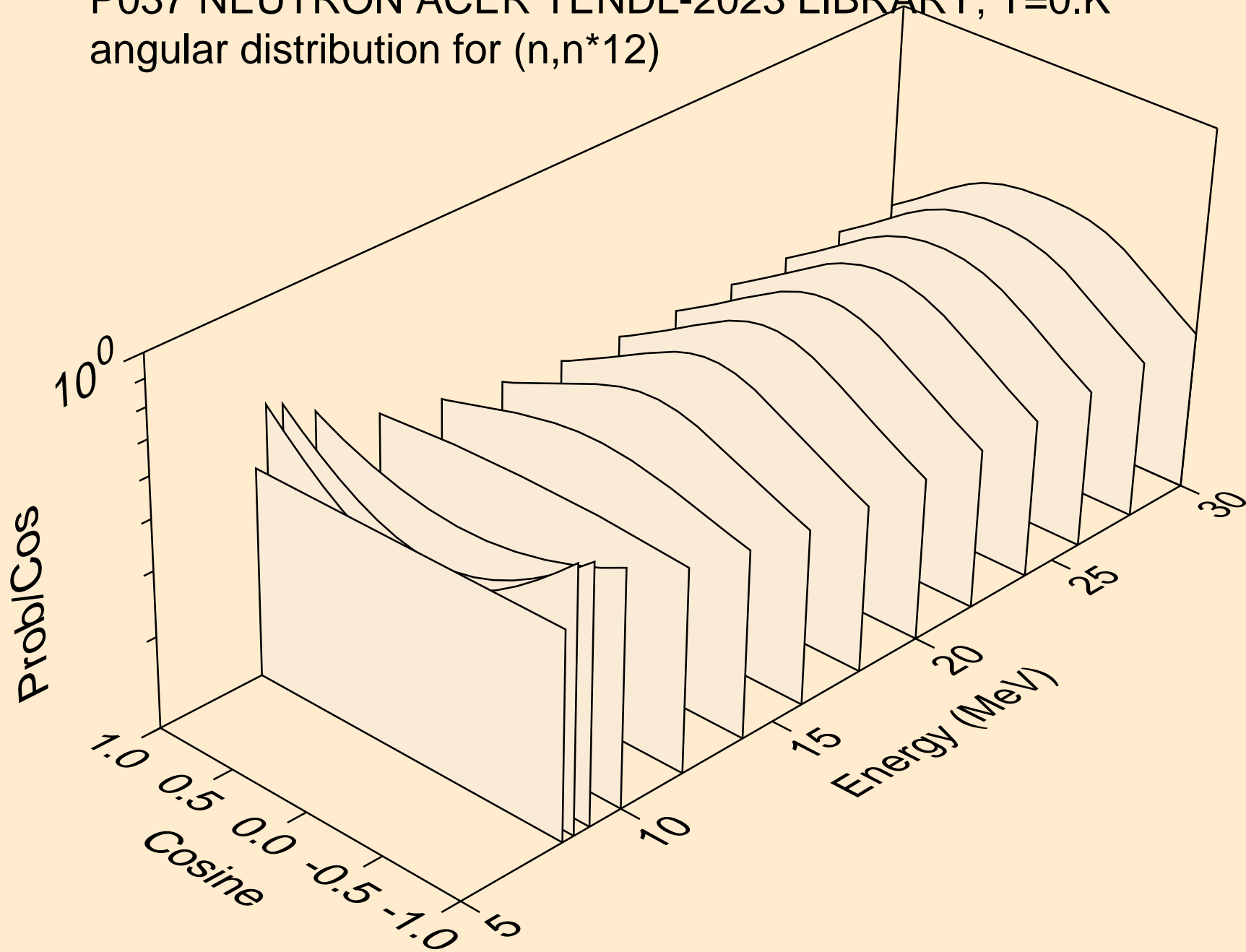
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angular distribution for (n,n\*10)



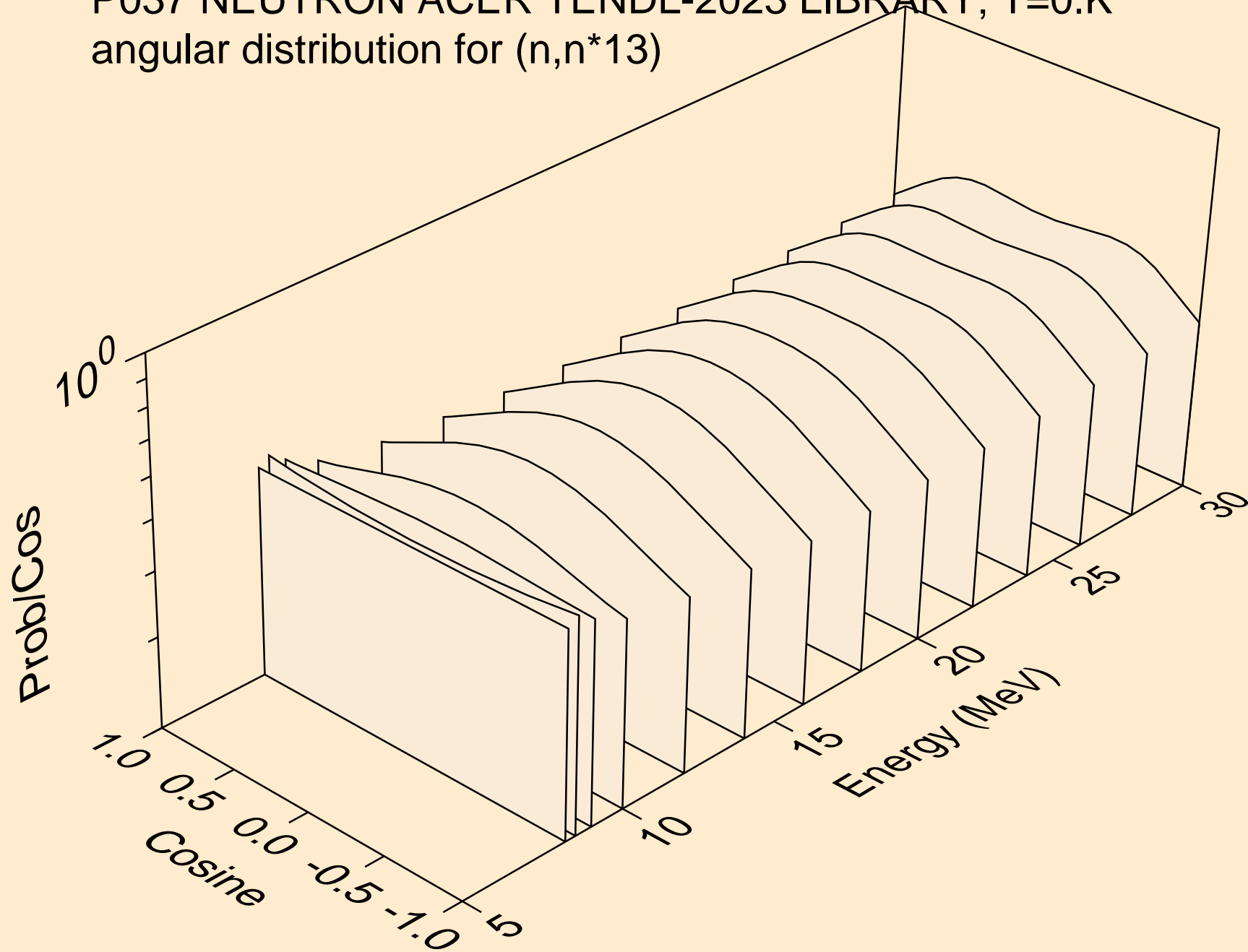
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angular distribution for (n,n\*11)



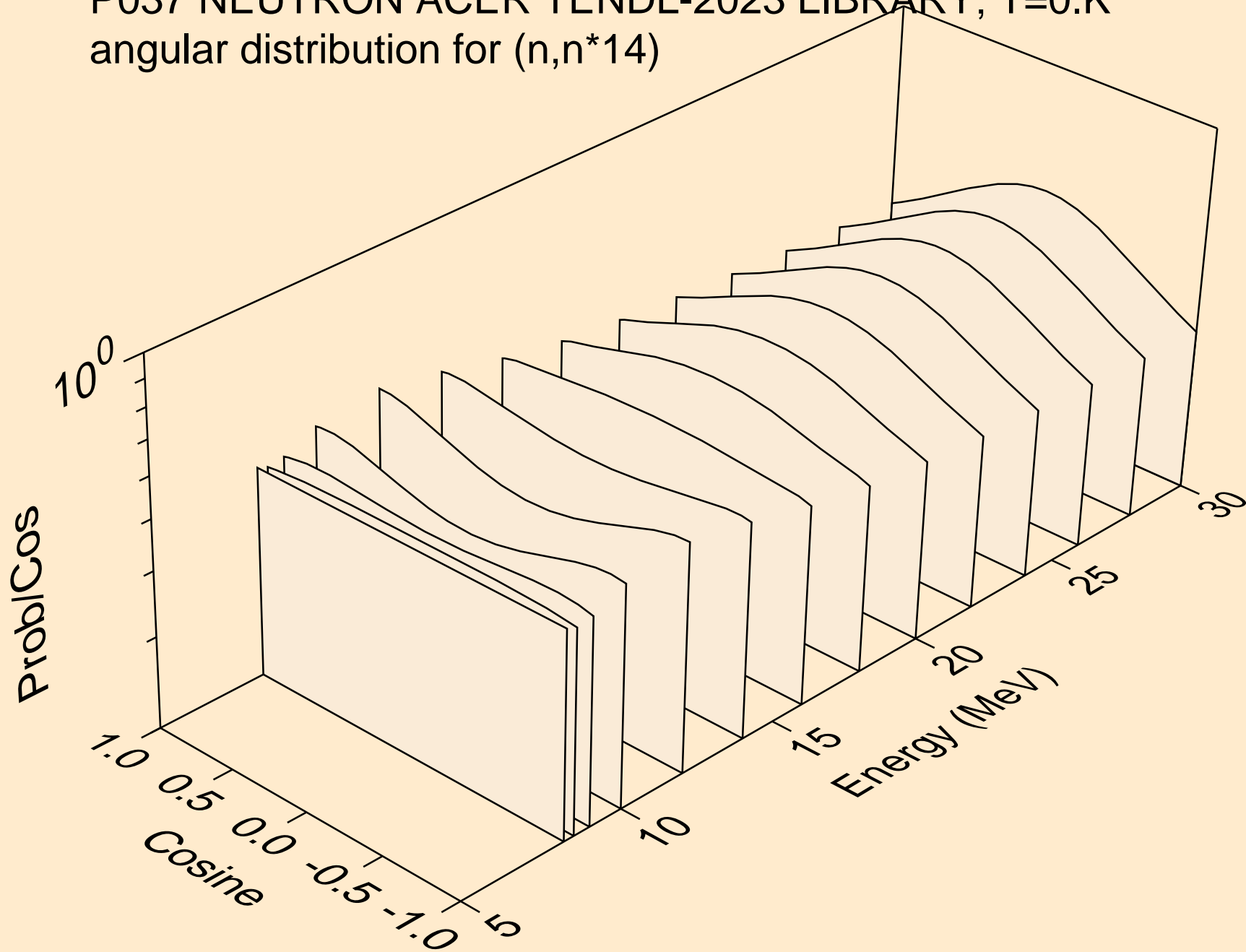
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angular distribution for (n,n\*12)



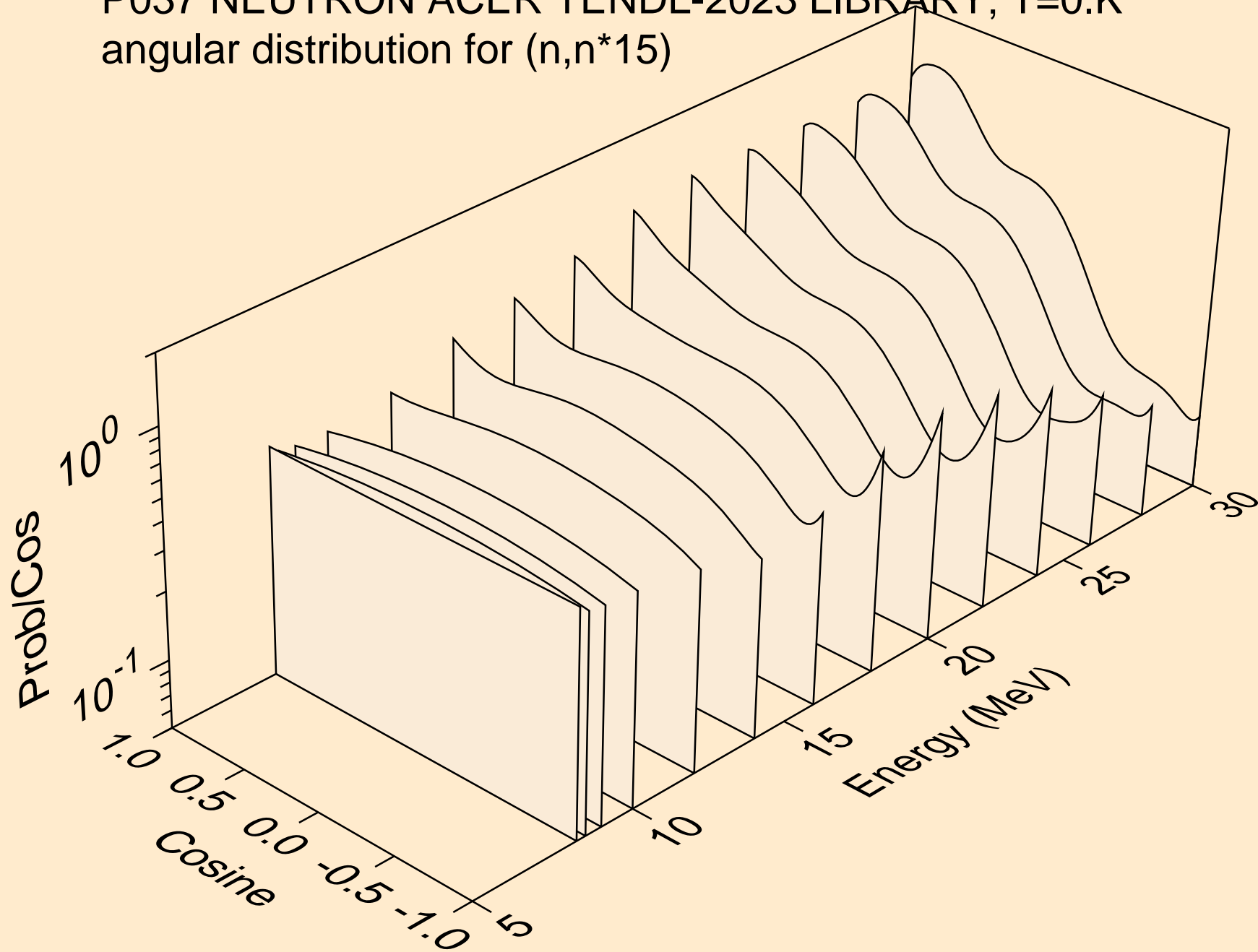
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angular distribution for (n,n\*13)



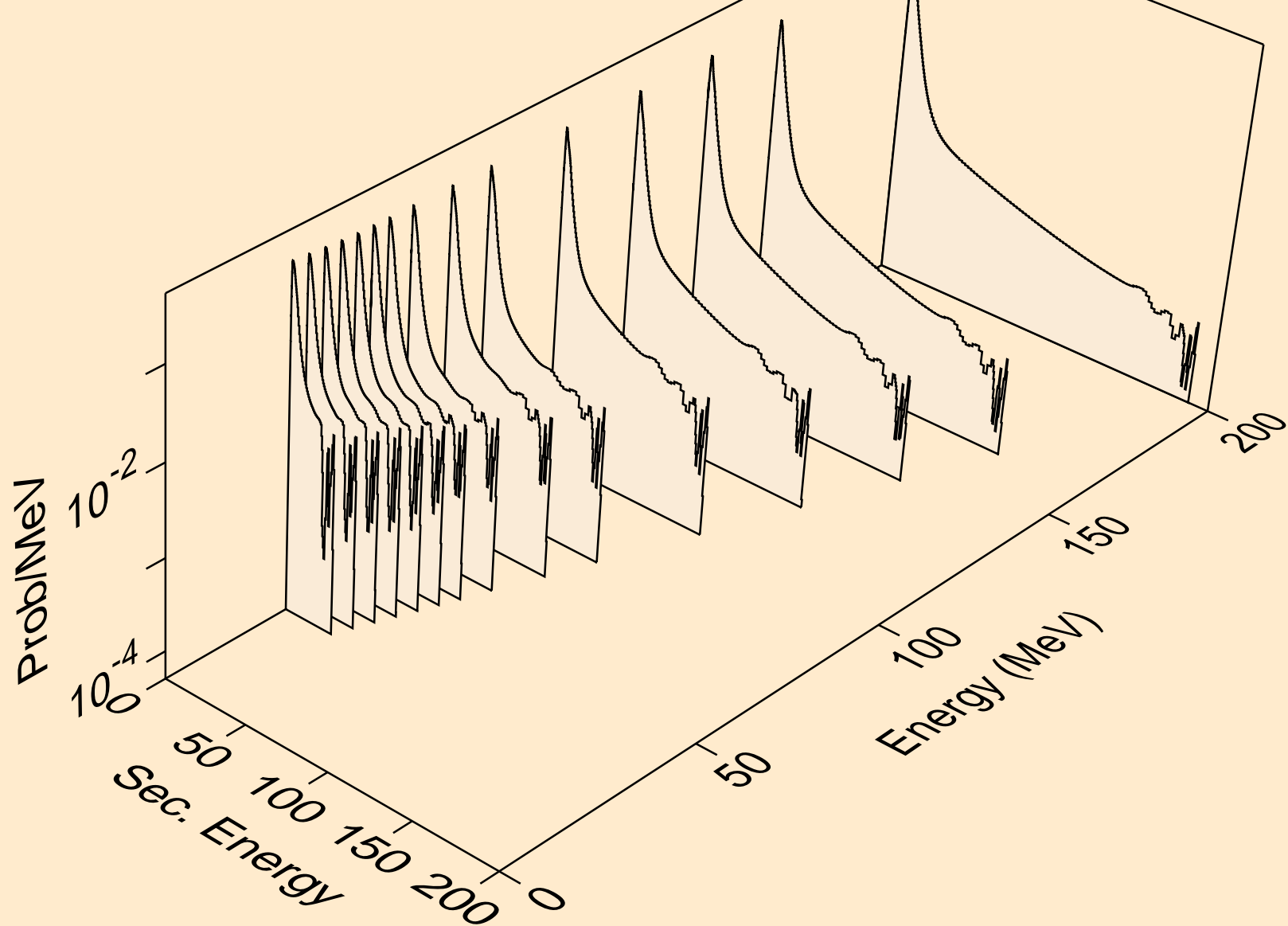
P037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



P037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*15)

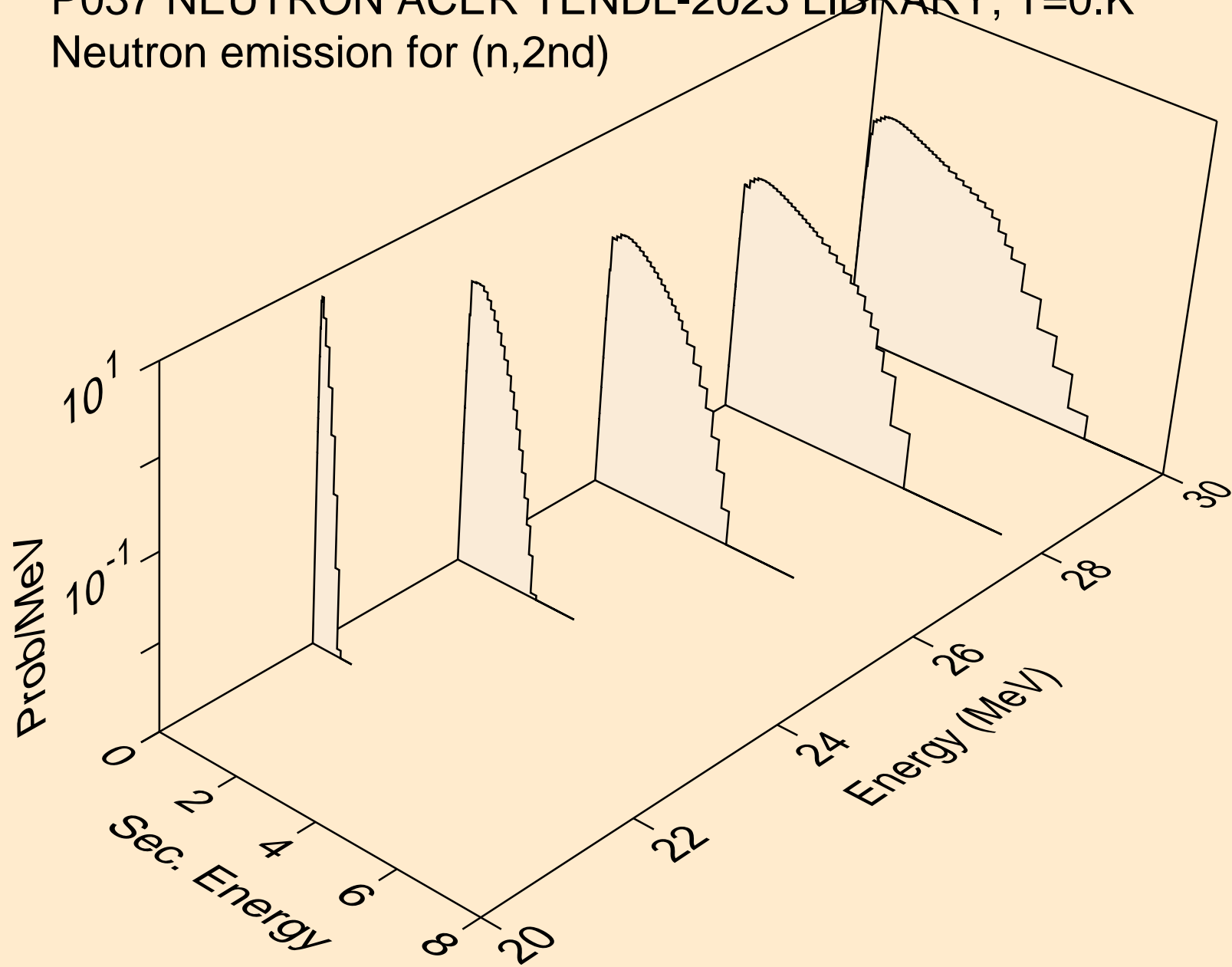


P037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)

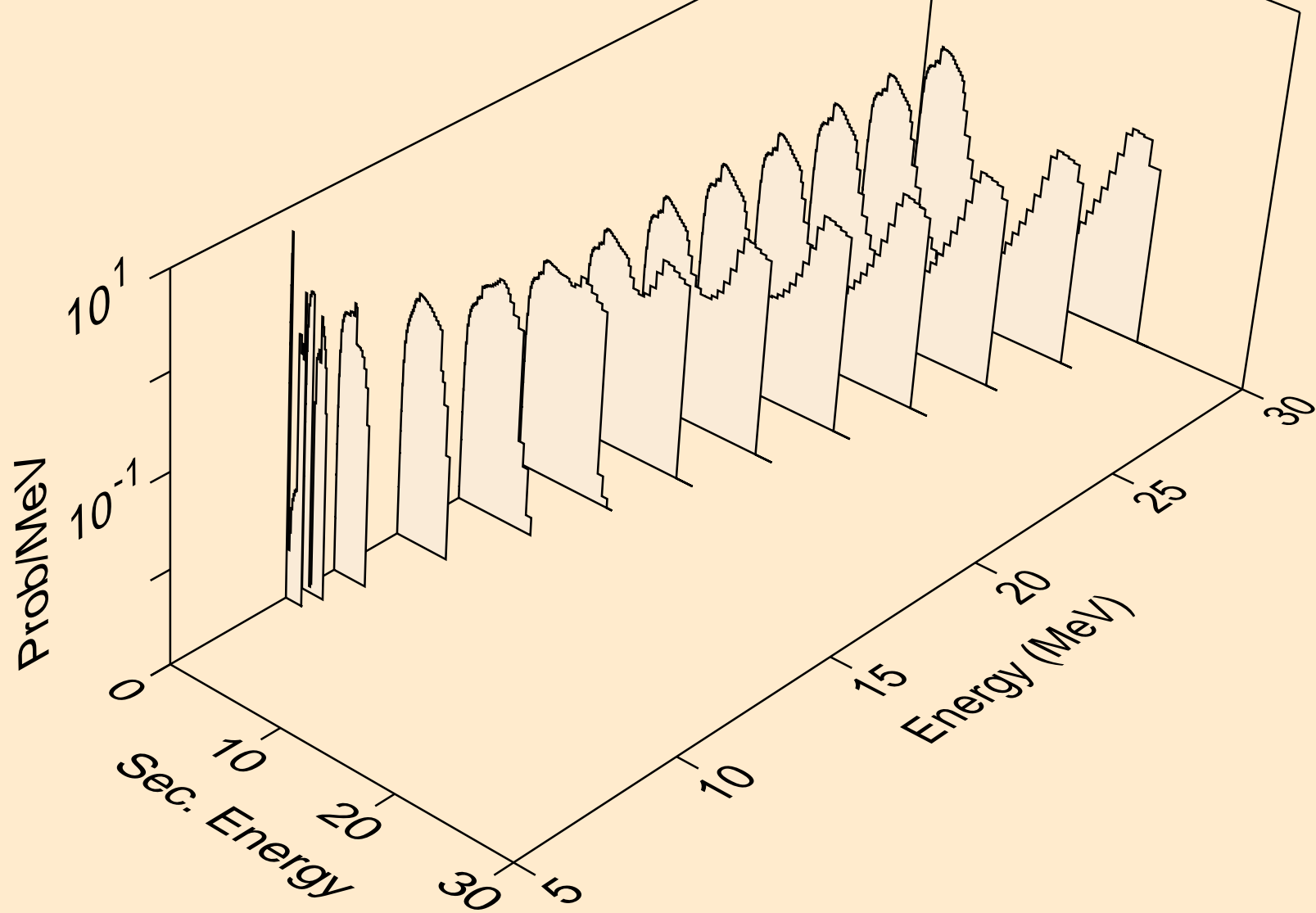




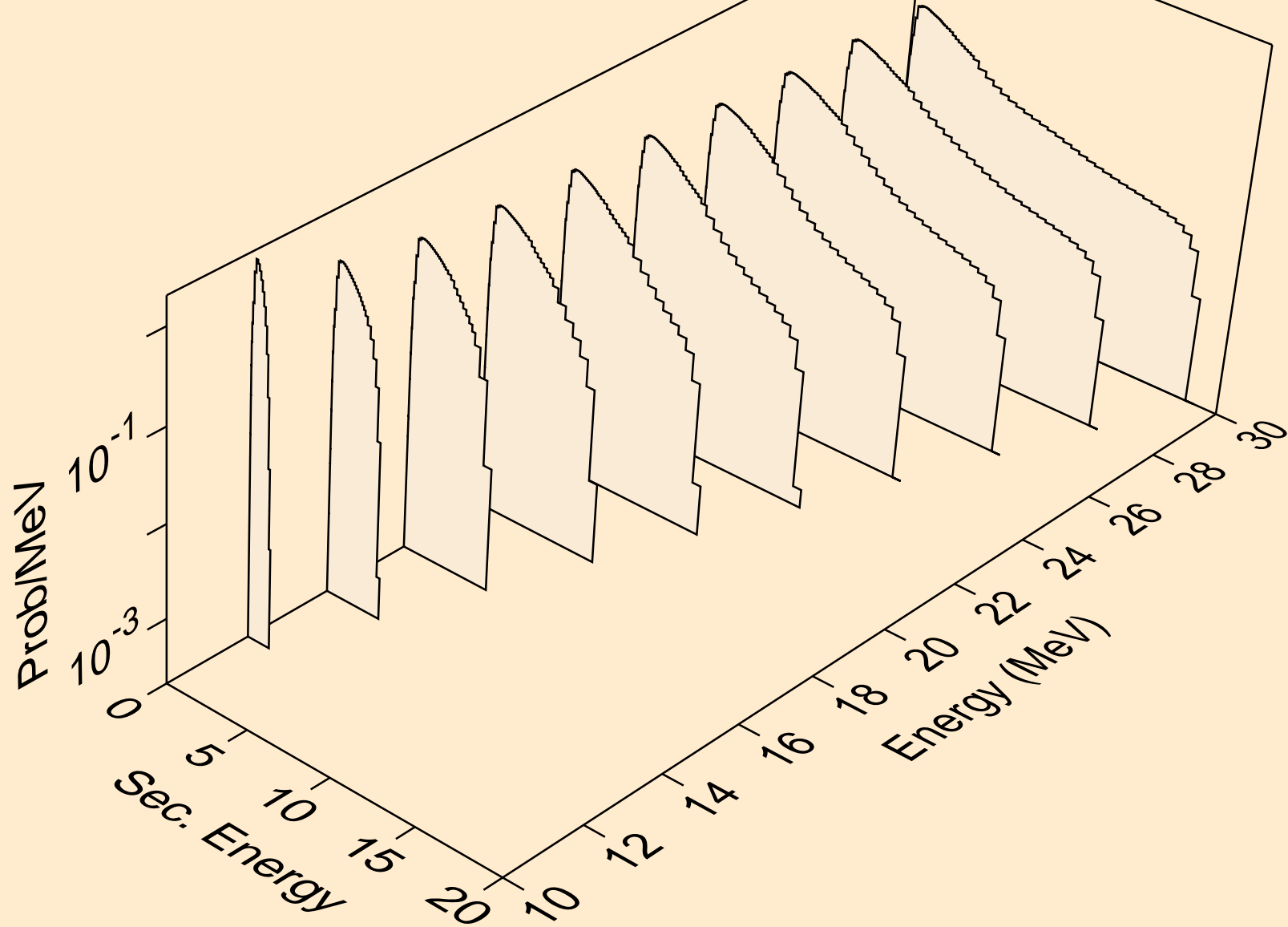
P037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



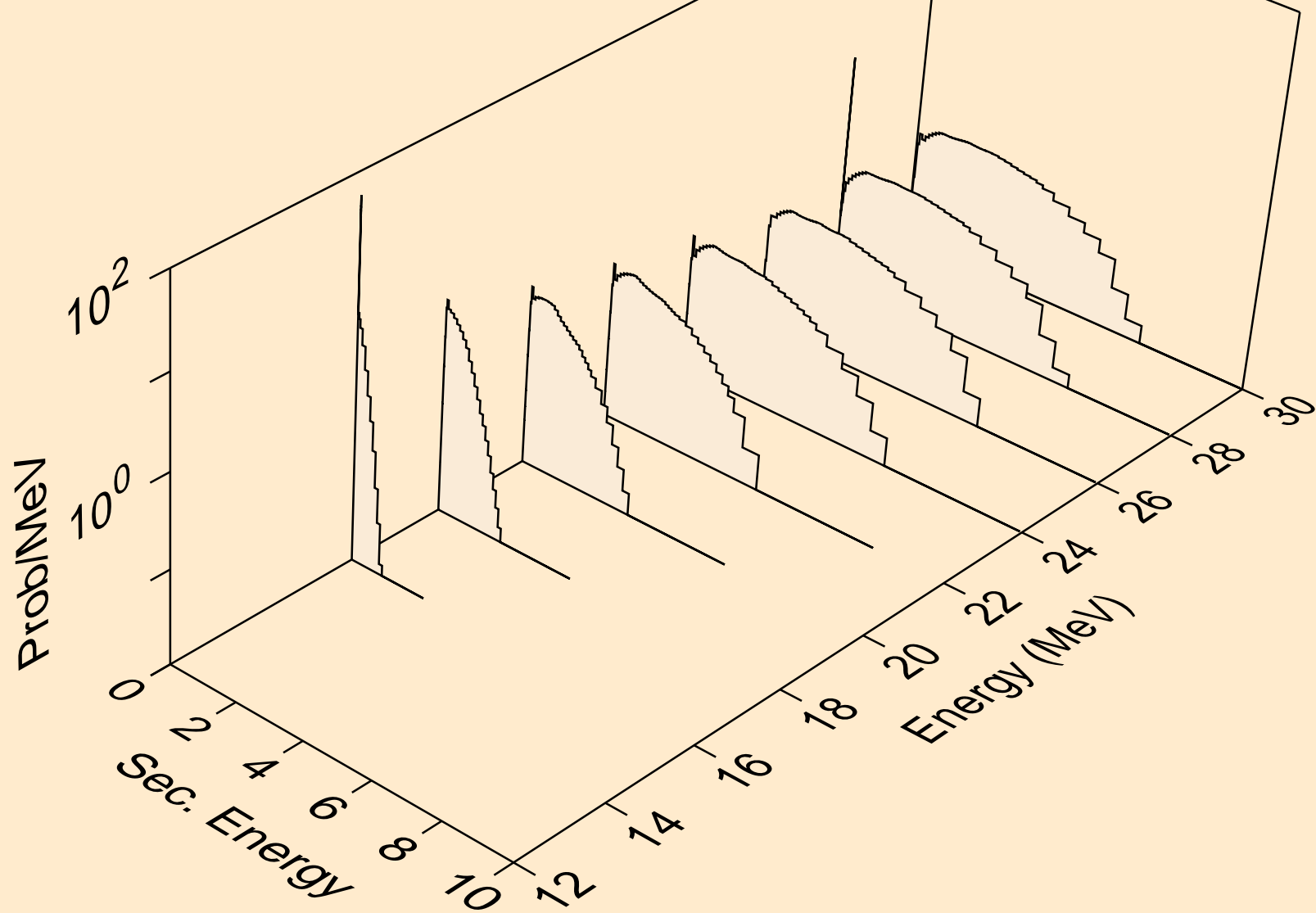
P037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)



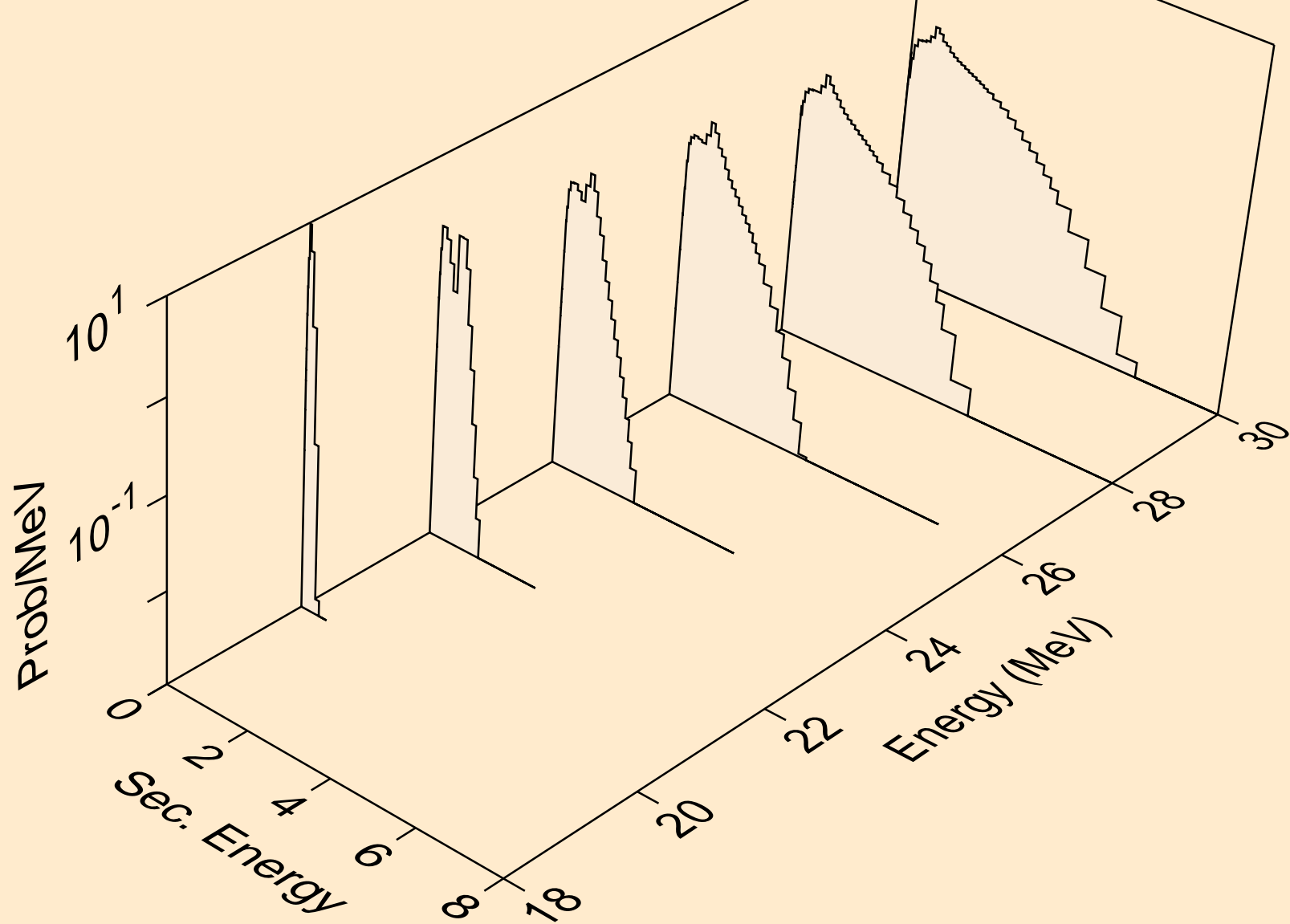
P037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)



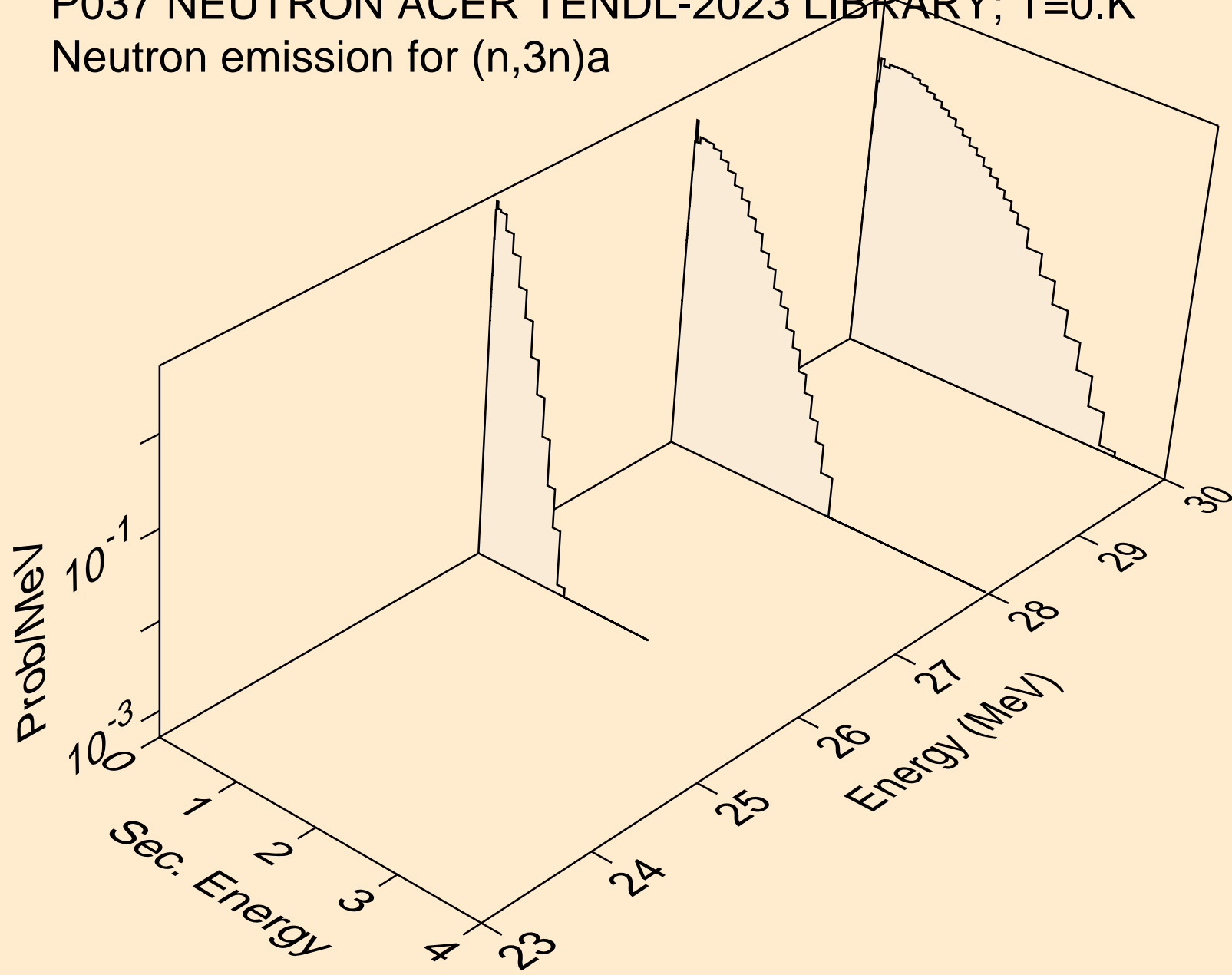
P037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



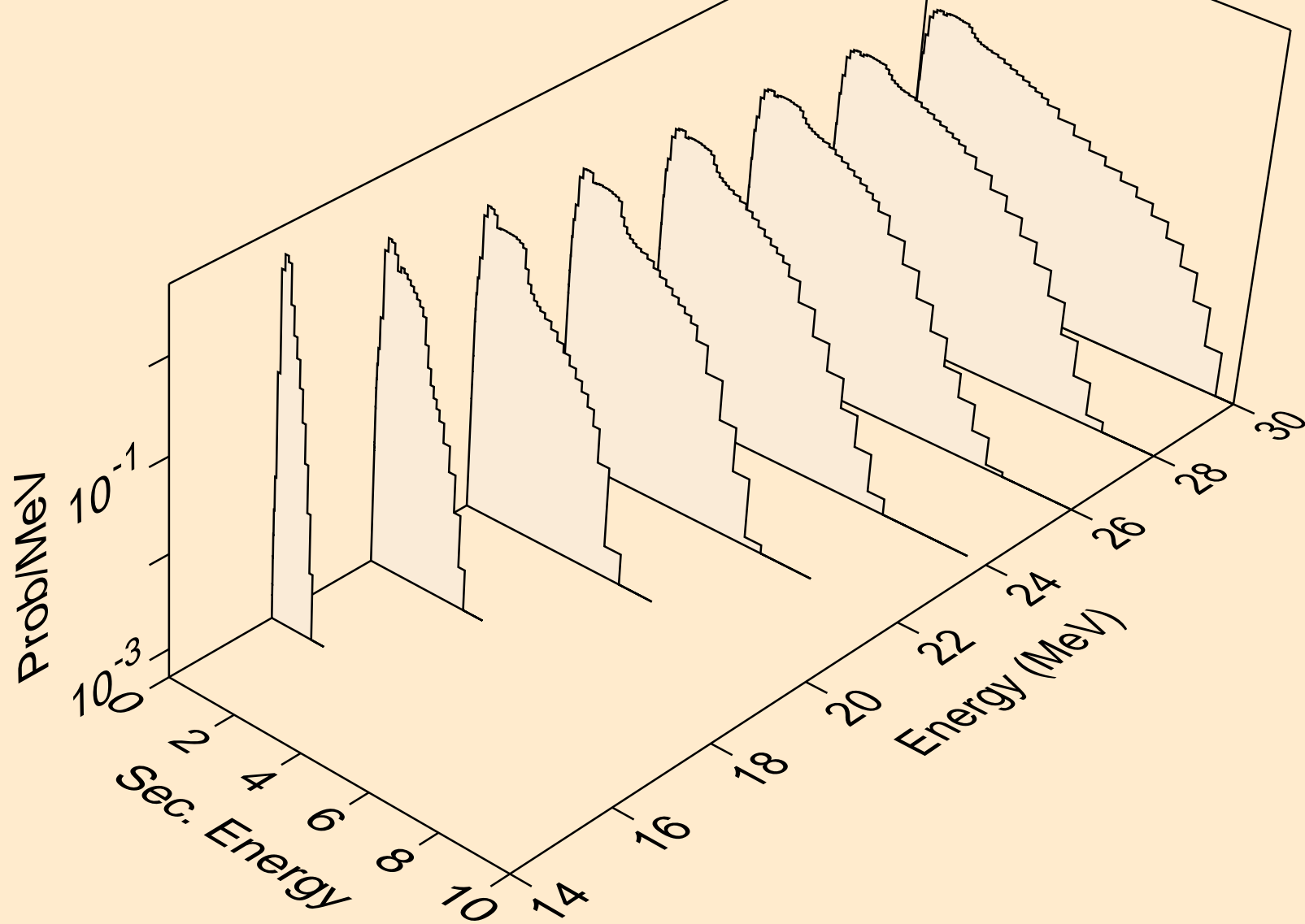
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Neutron emission for (n,2n)a



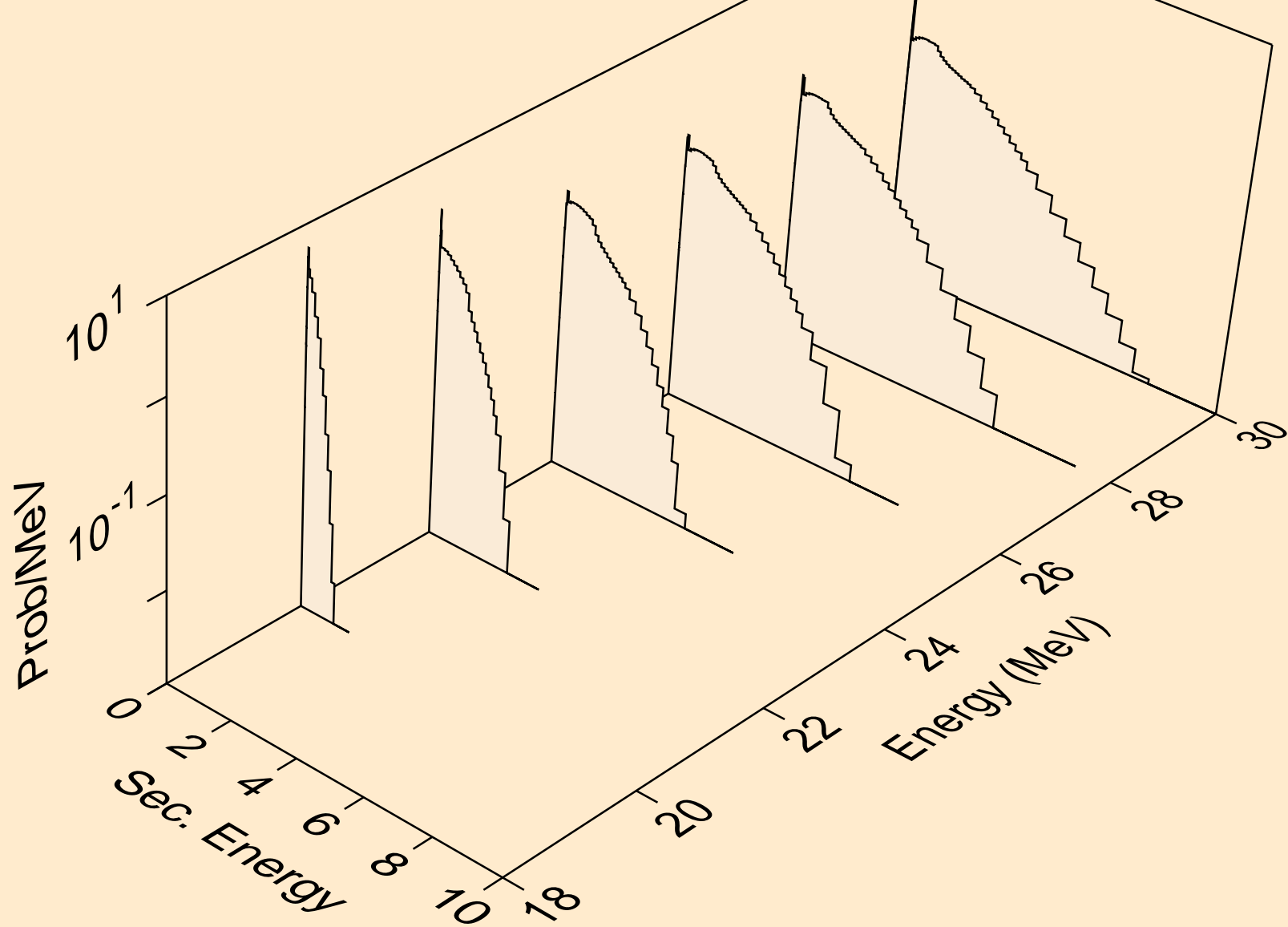
P037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



P037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p

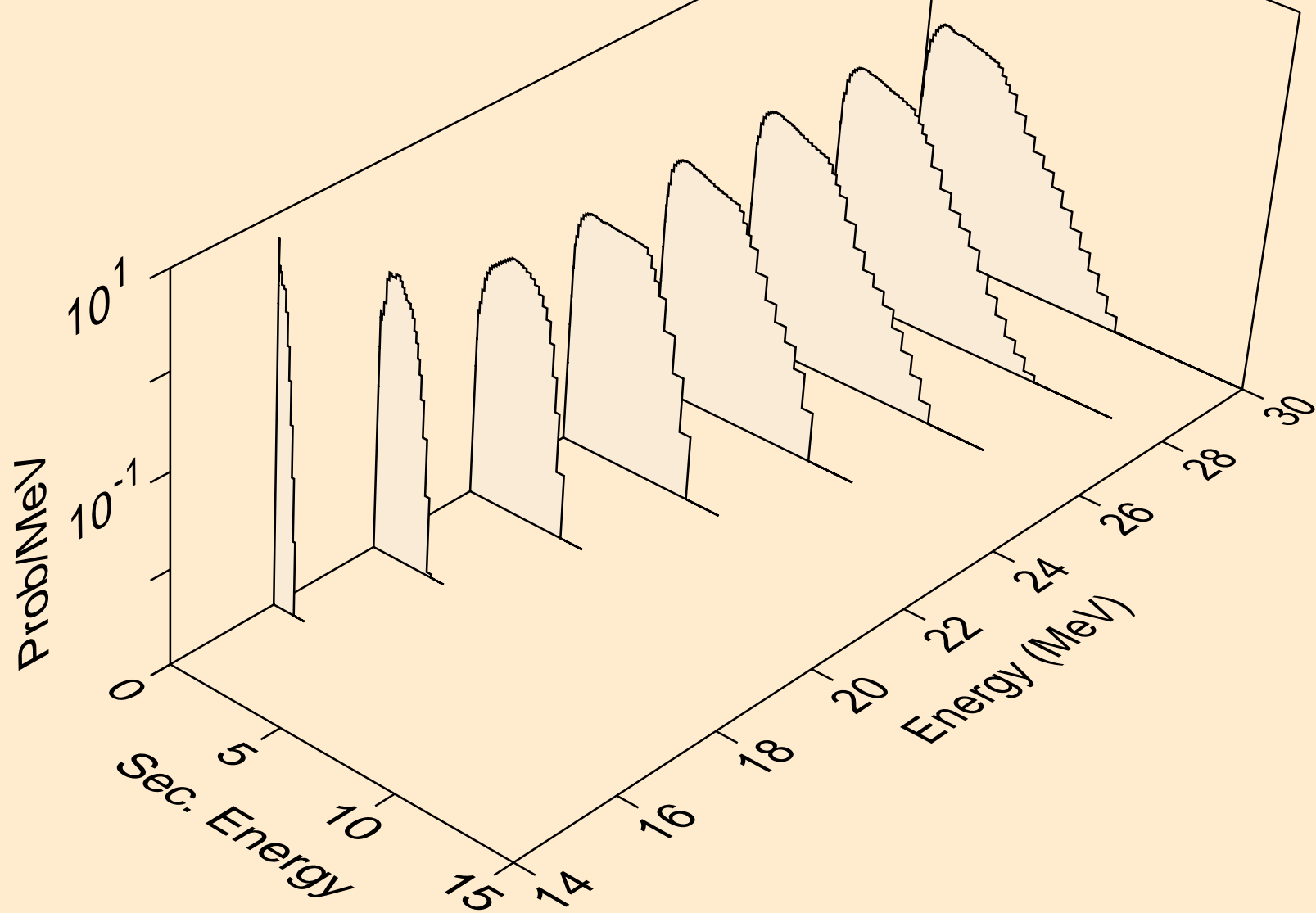


P037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d

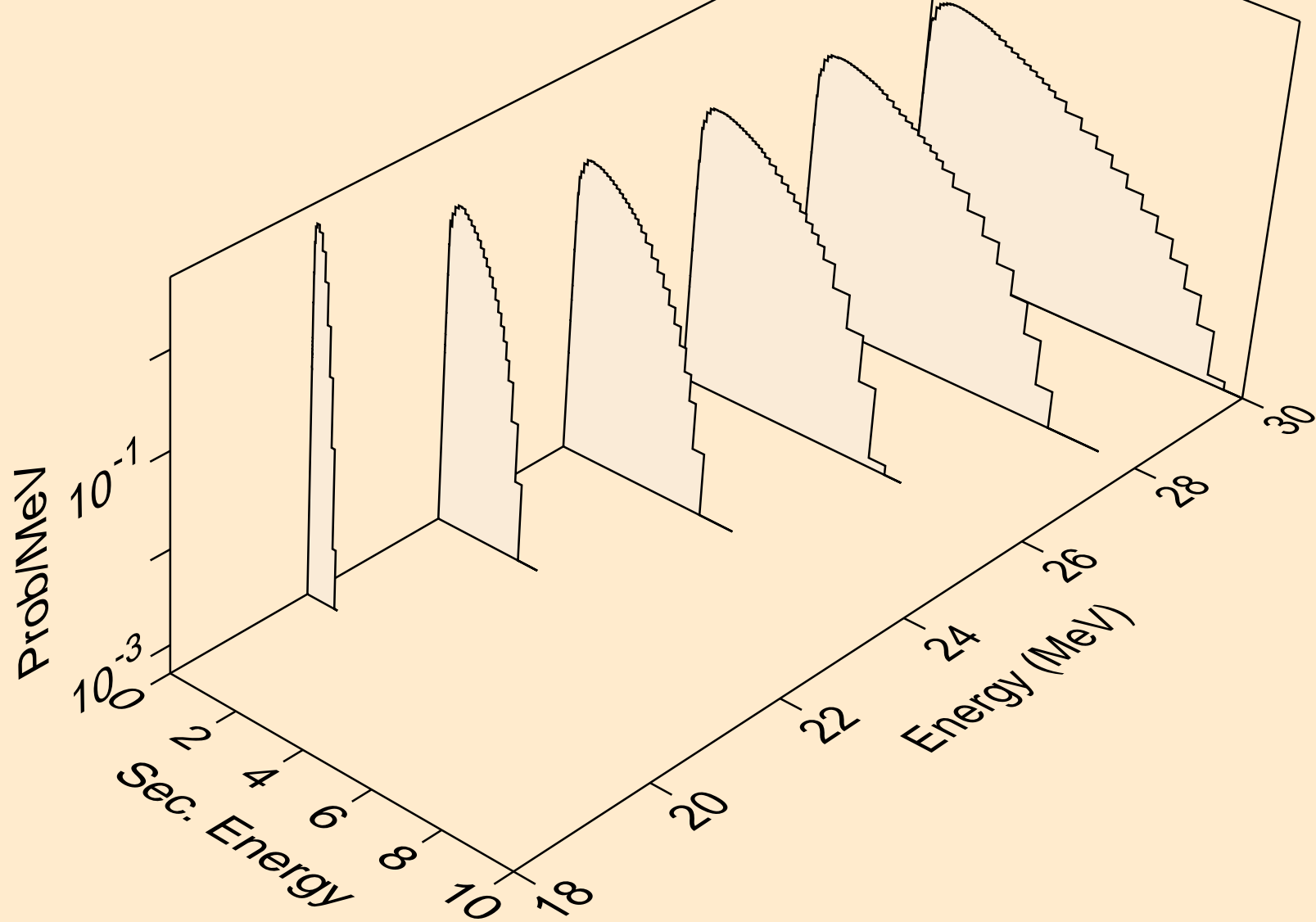




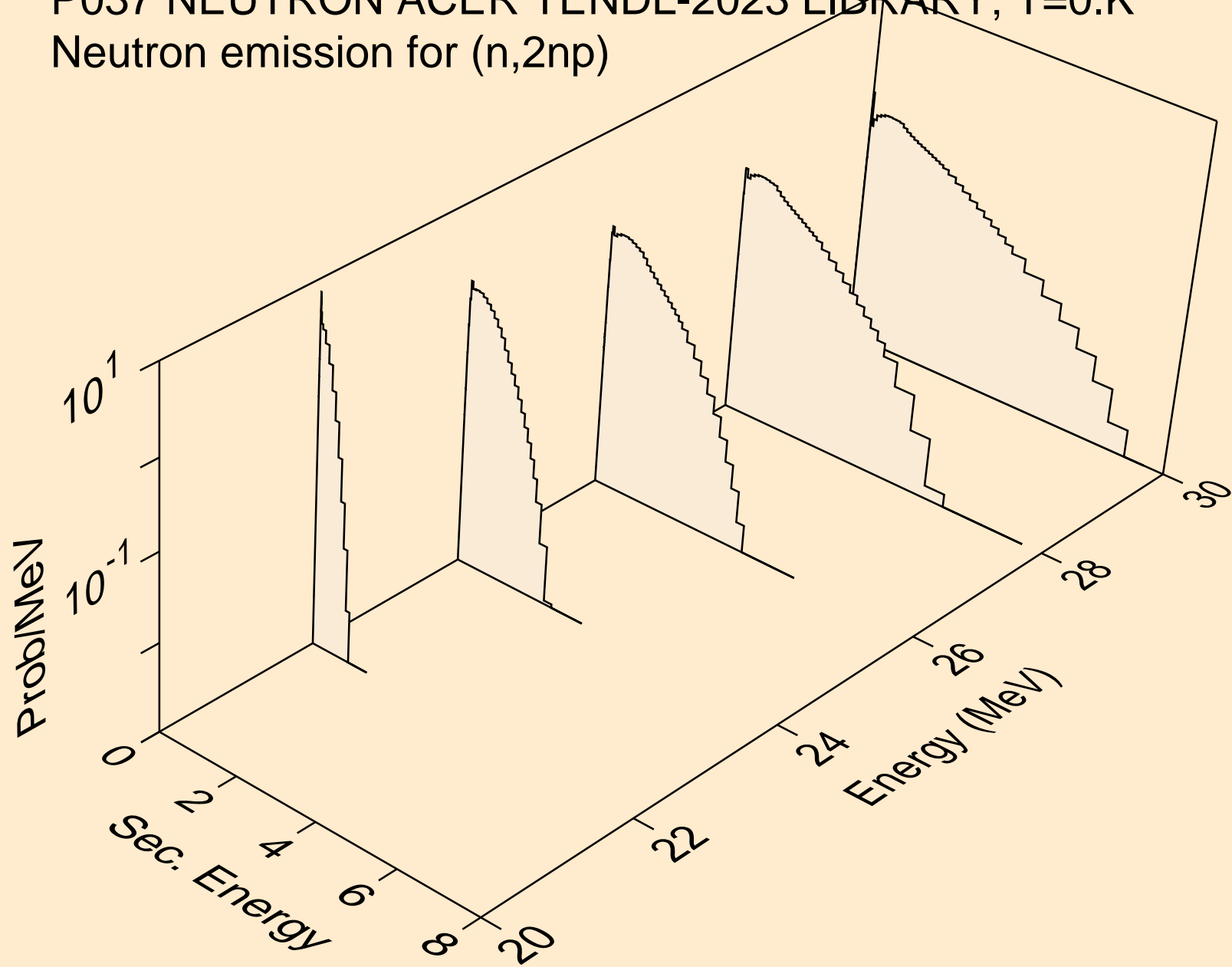
P037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



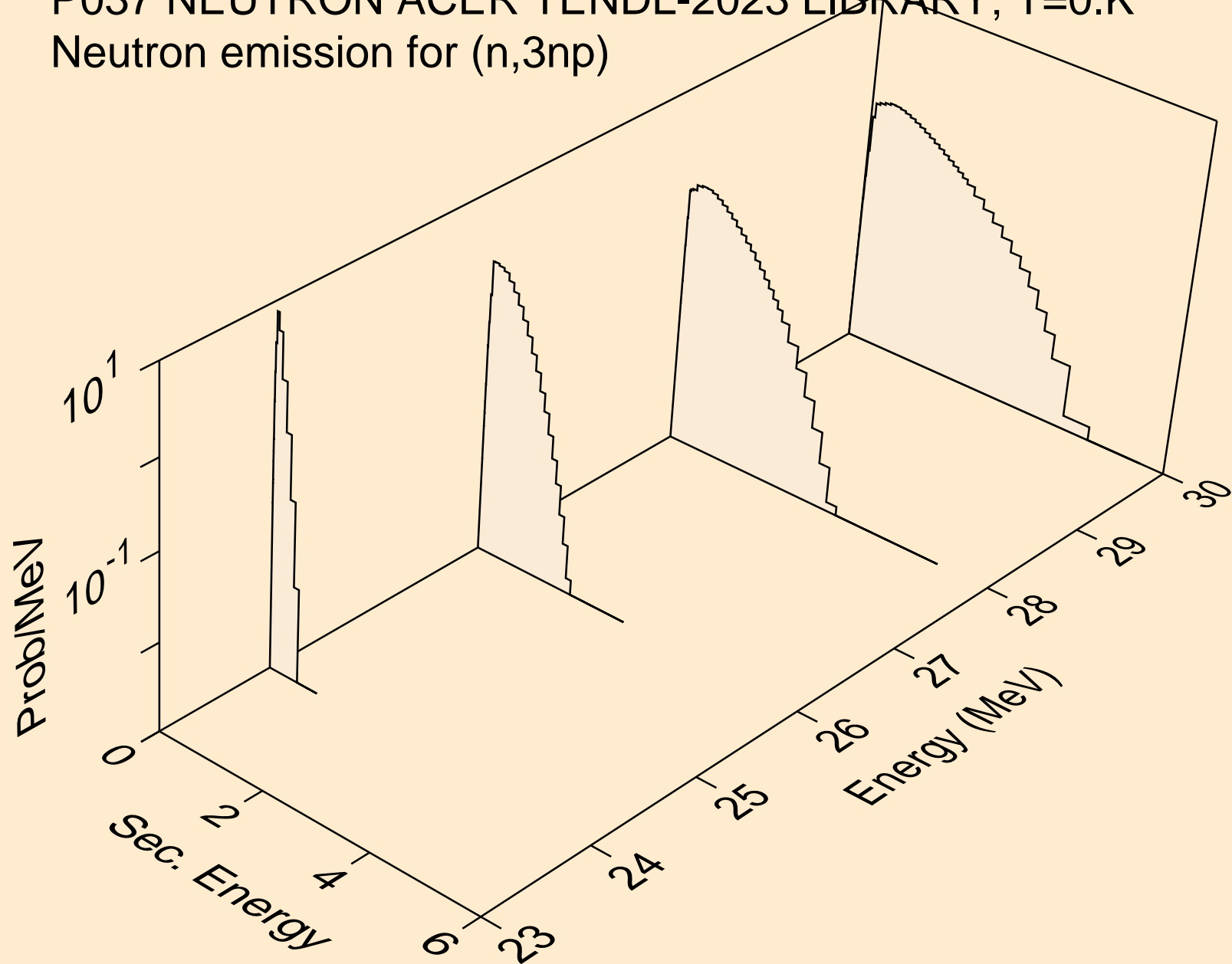
P037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)



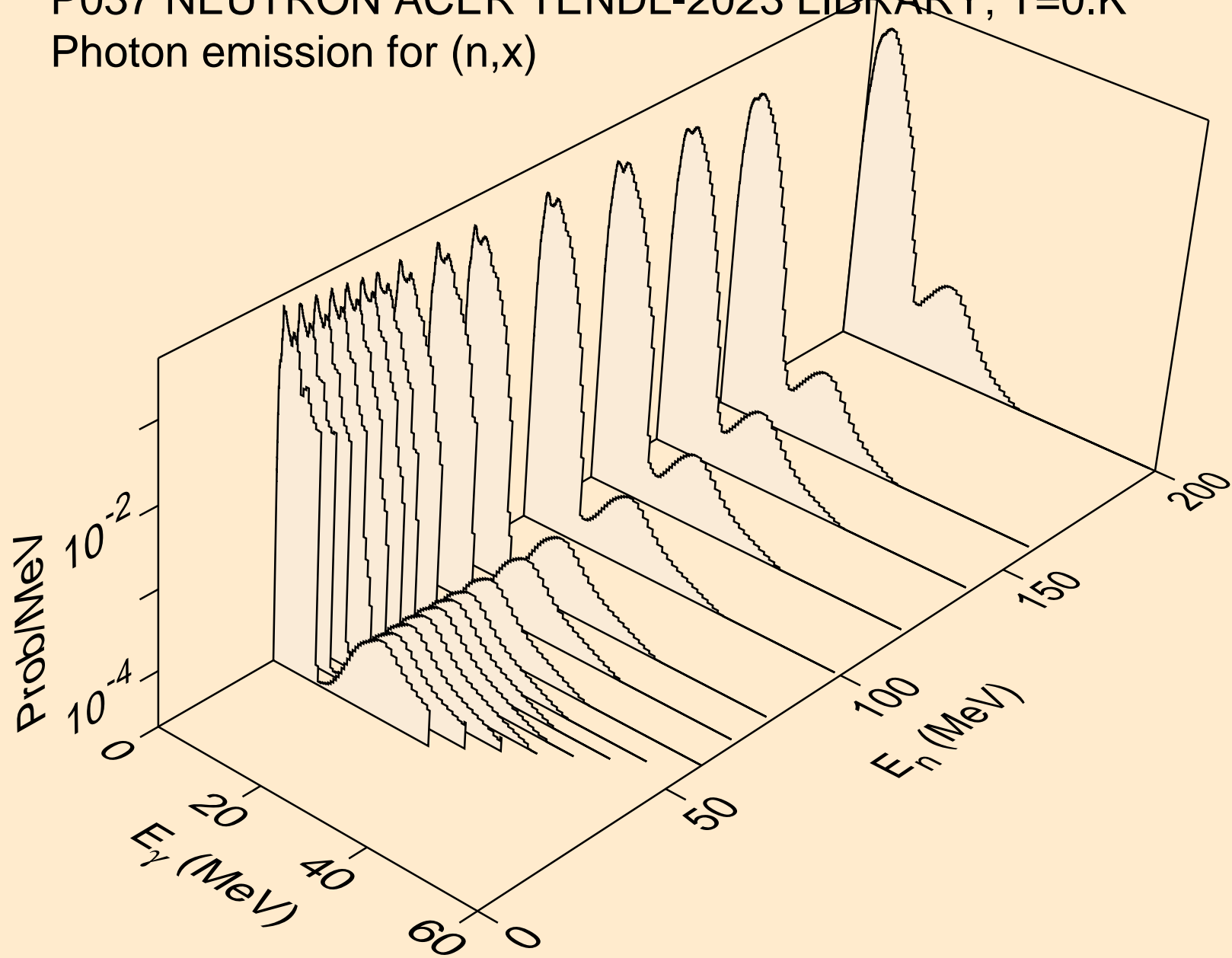
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Neutron emission for (n,2np)



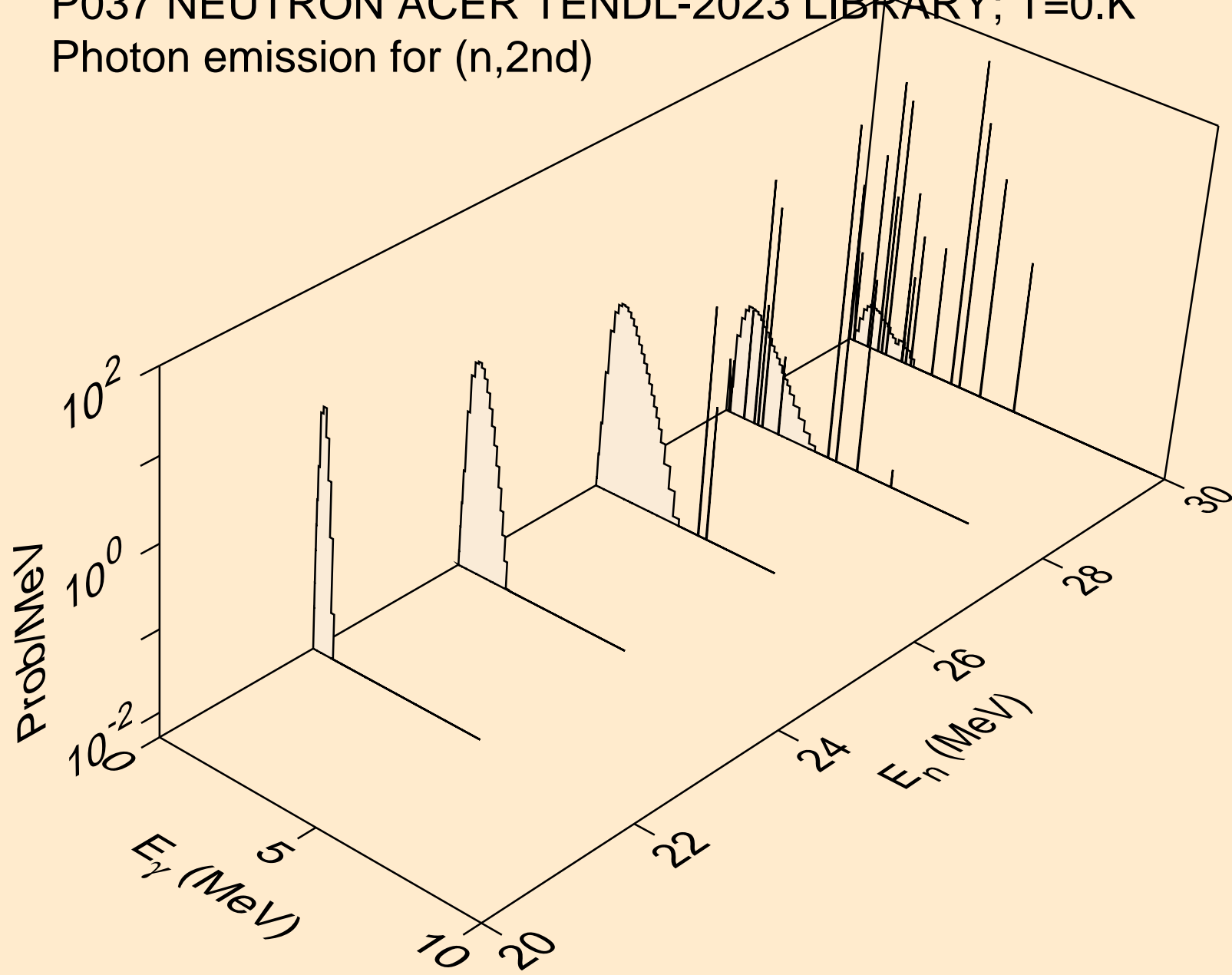
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Neutron emission for (n,3np)



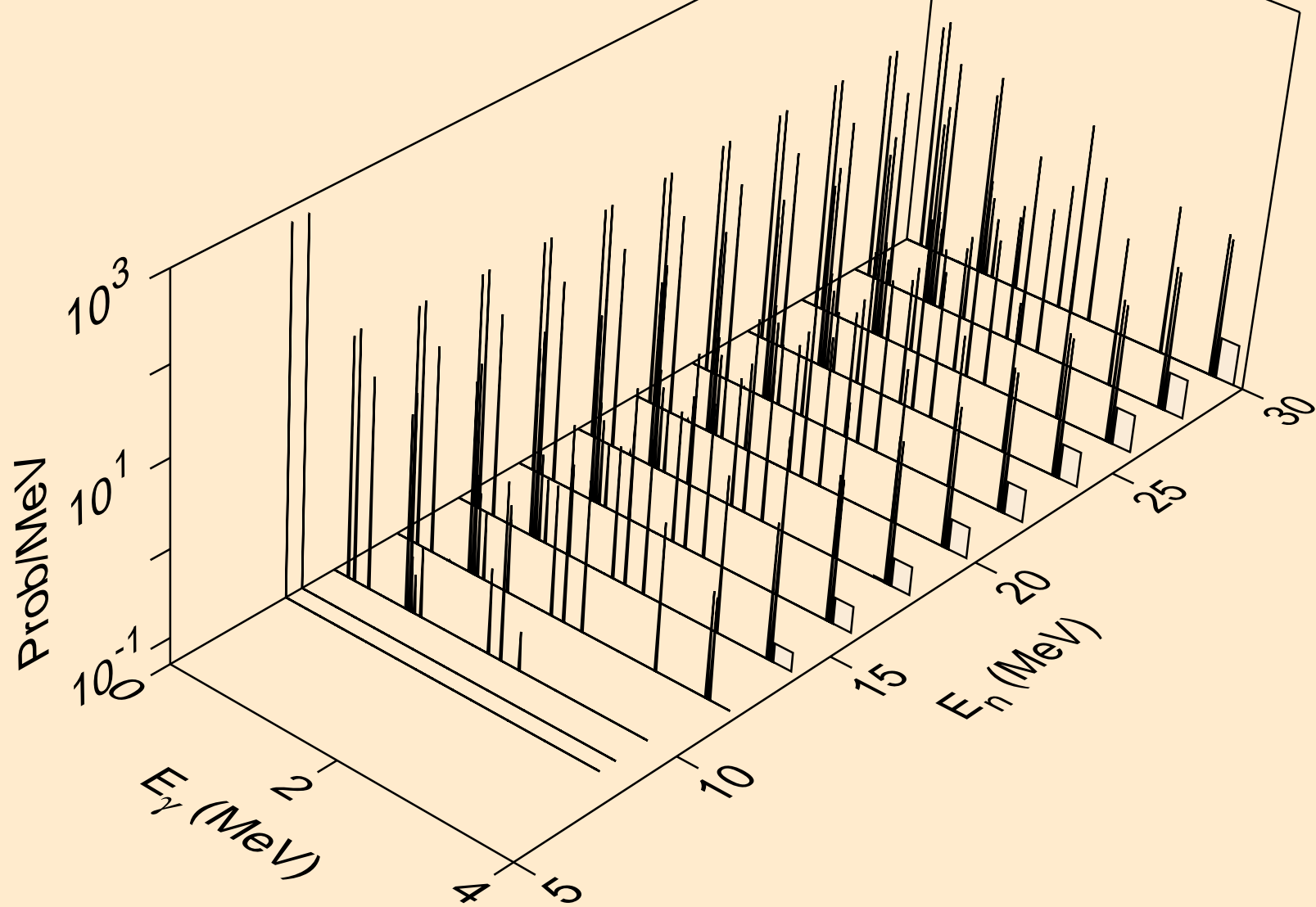
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Photon emission for (n,x)



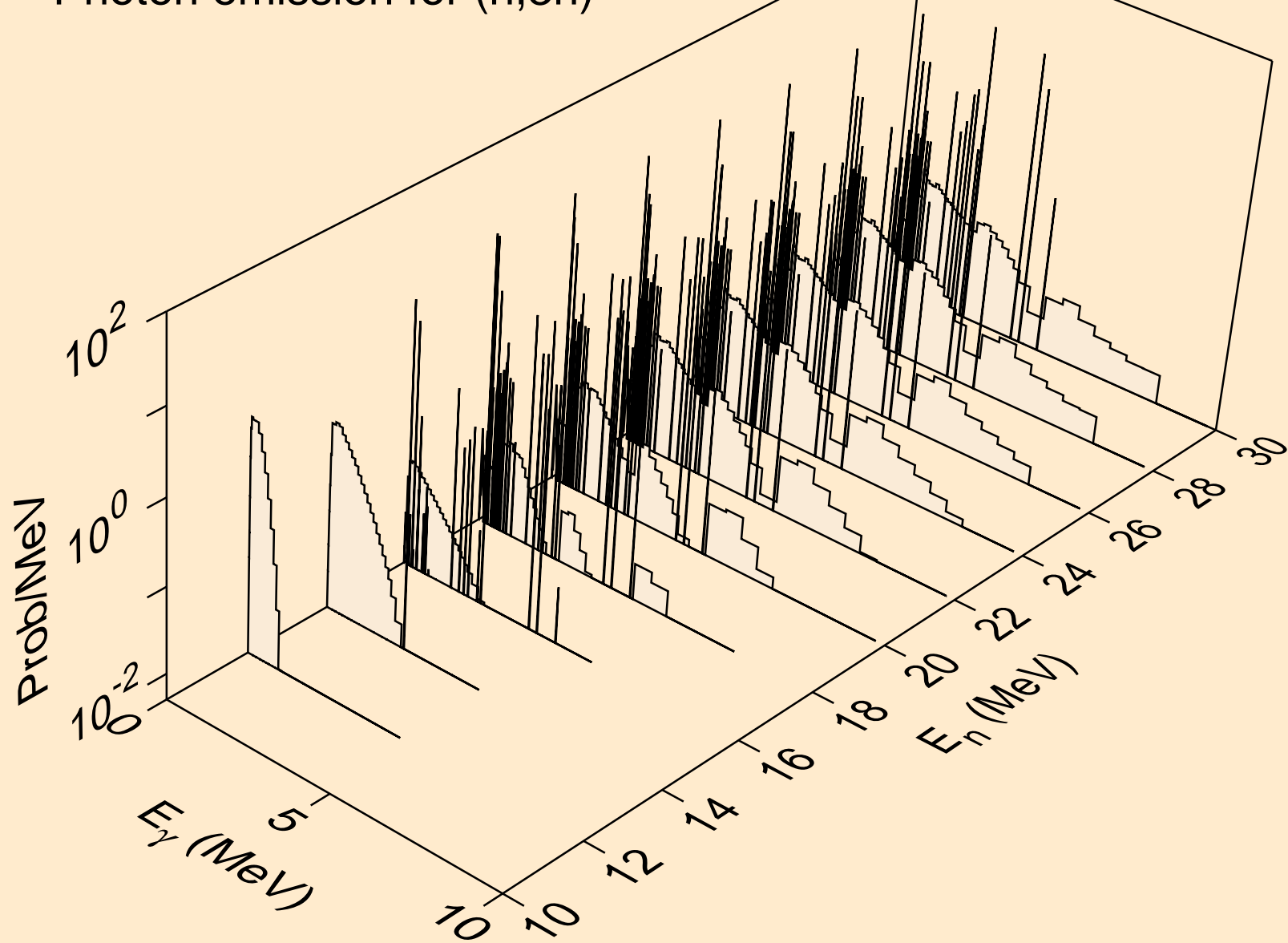
P037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



P037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

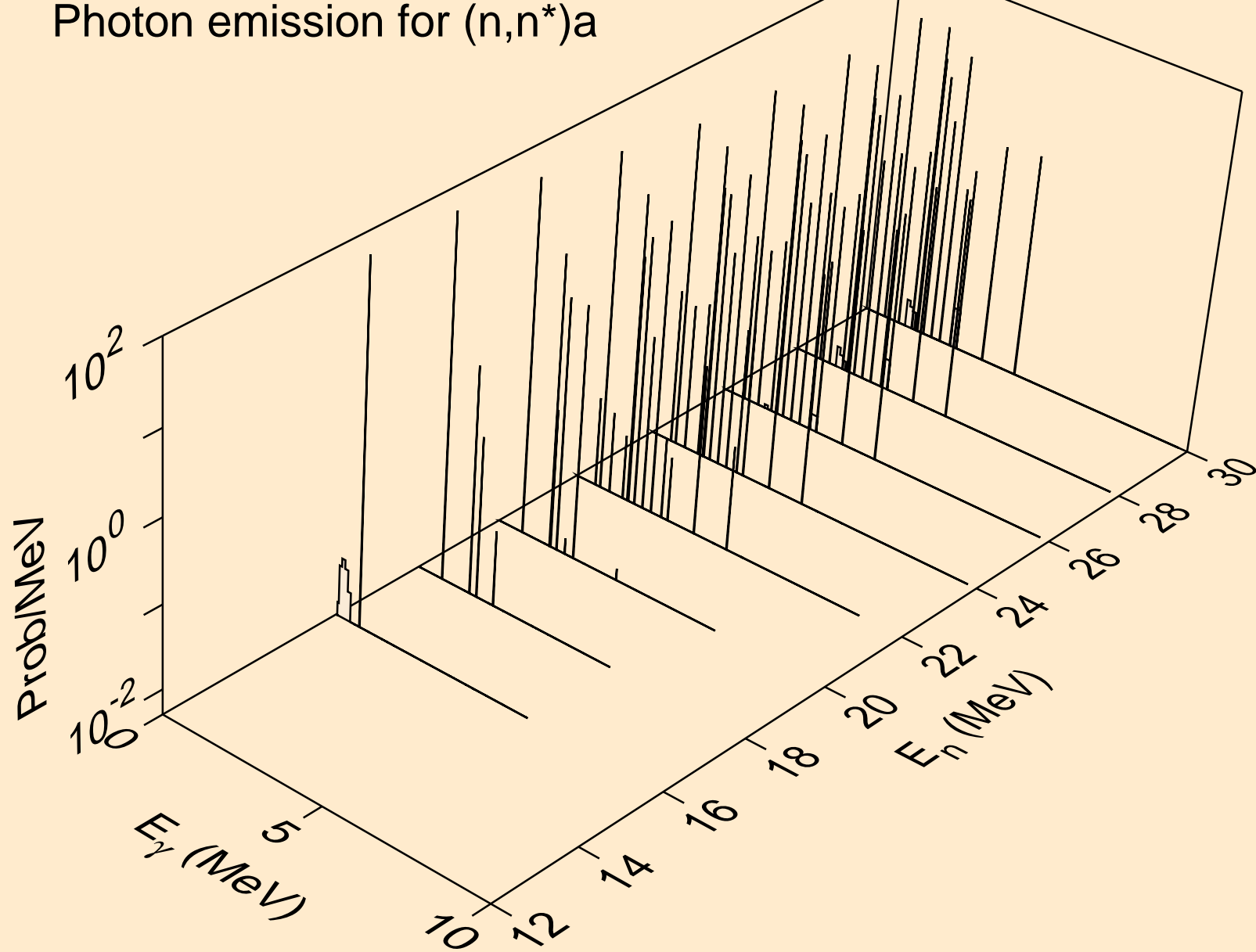


P037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)

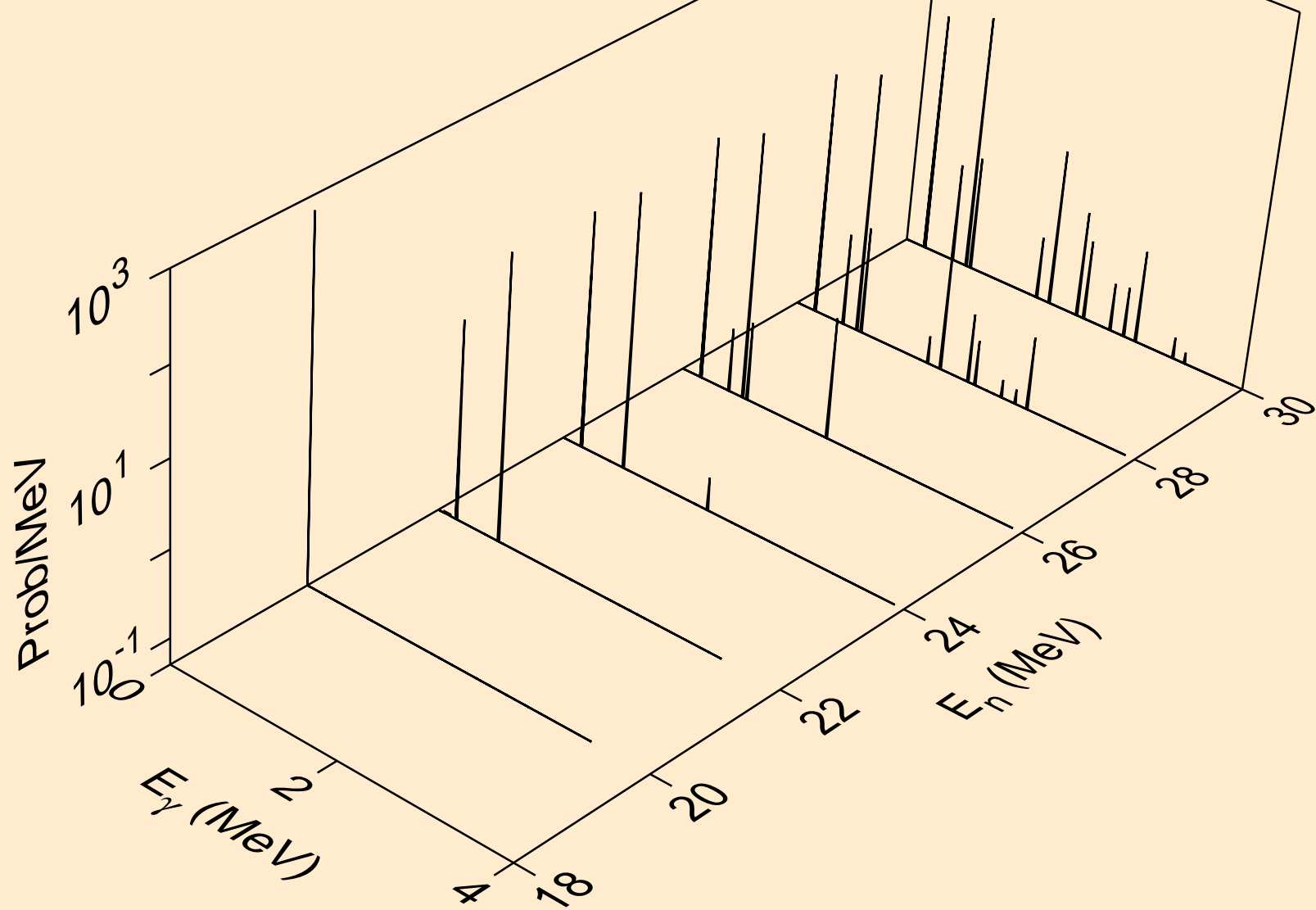




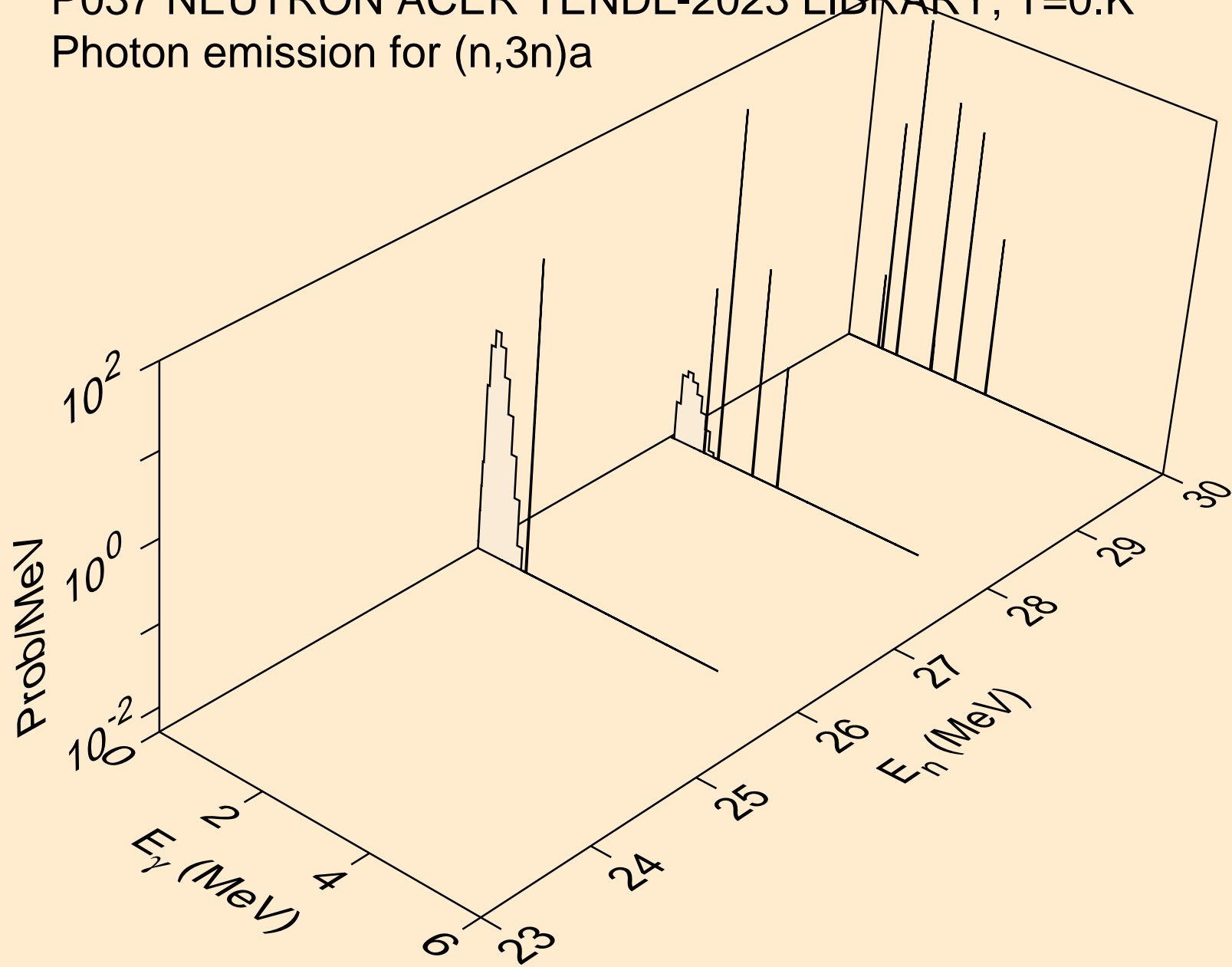
P037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



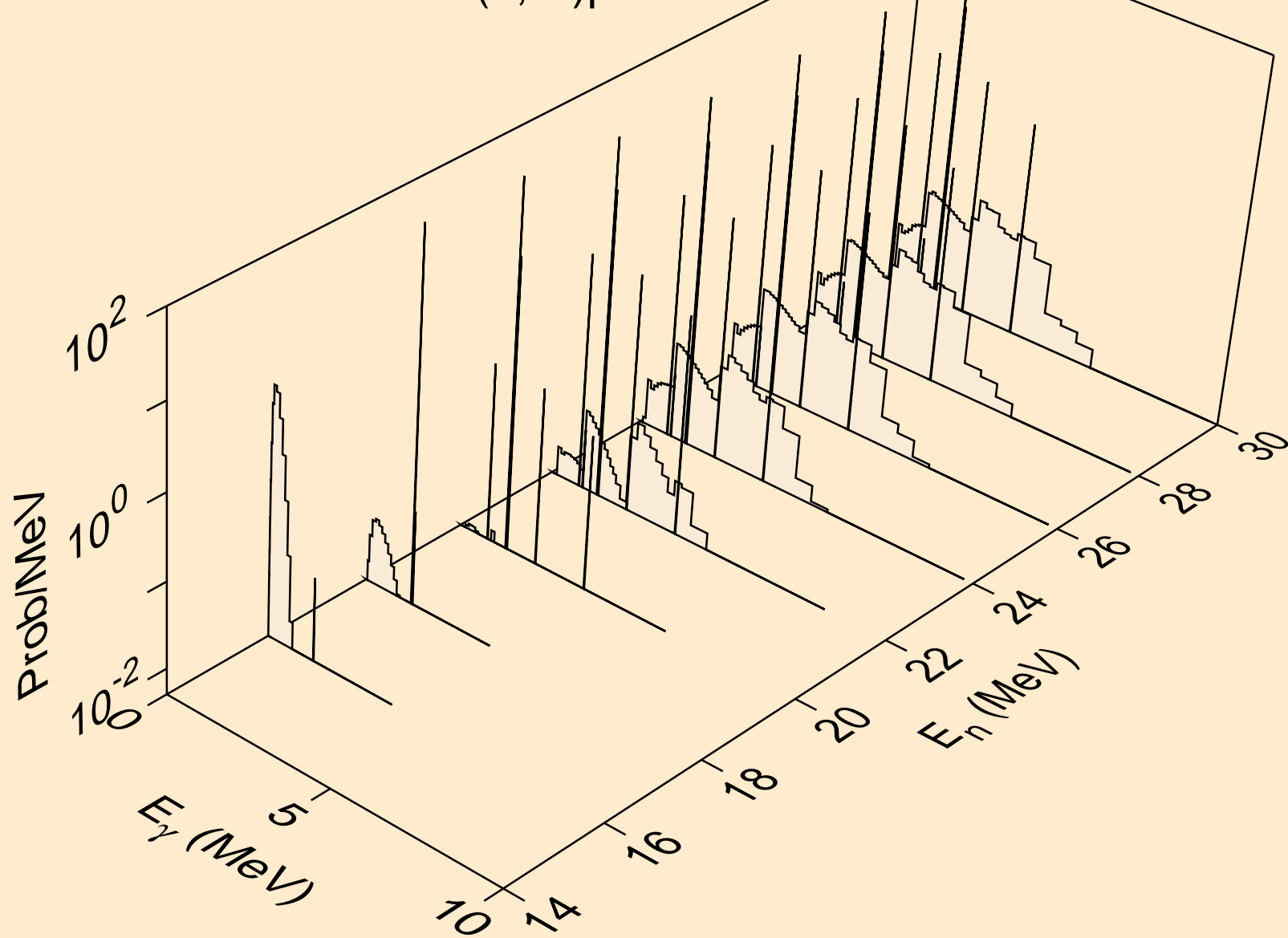
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Photon emission for (n,2n)a



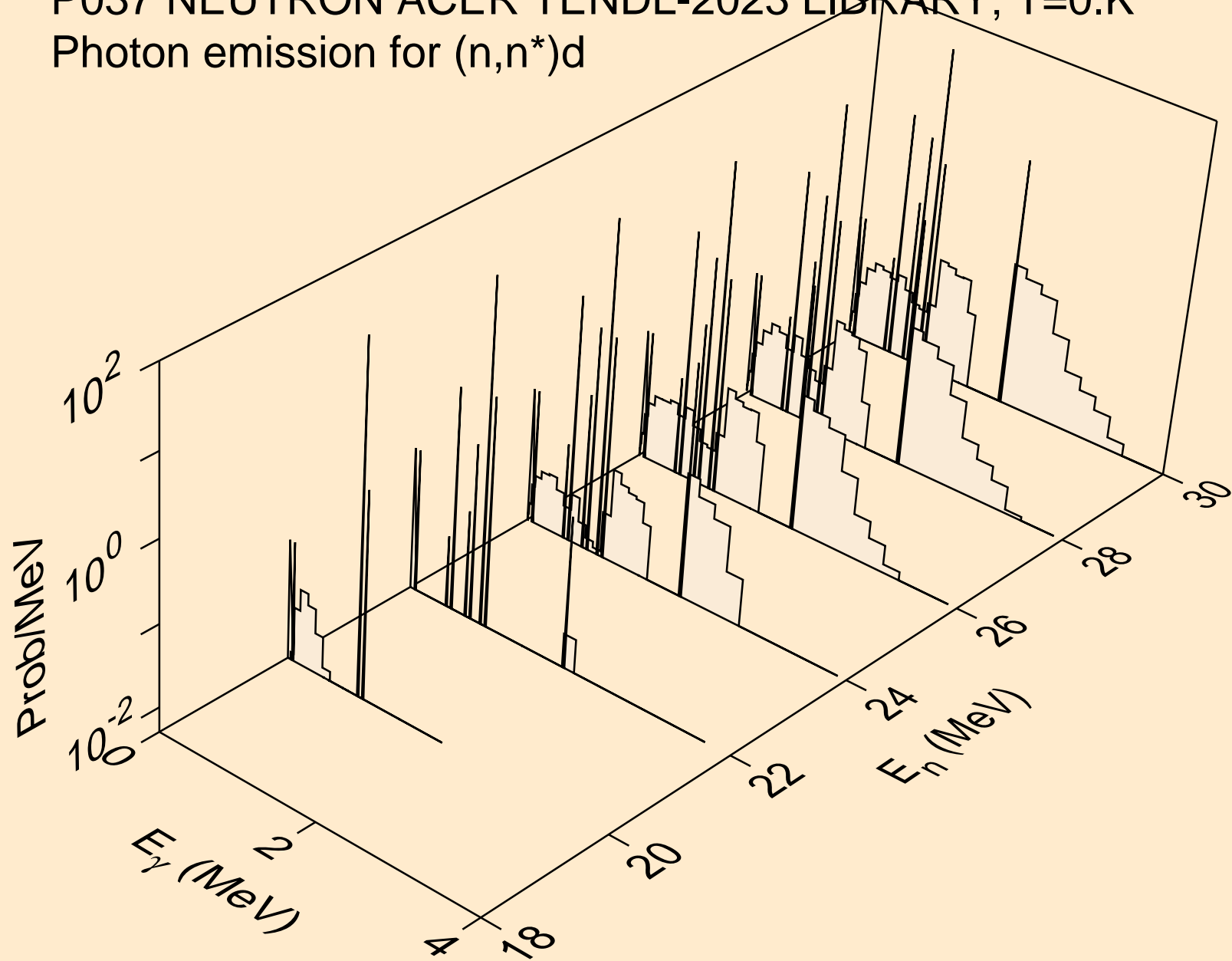
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Photon emission for (n,3n)a



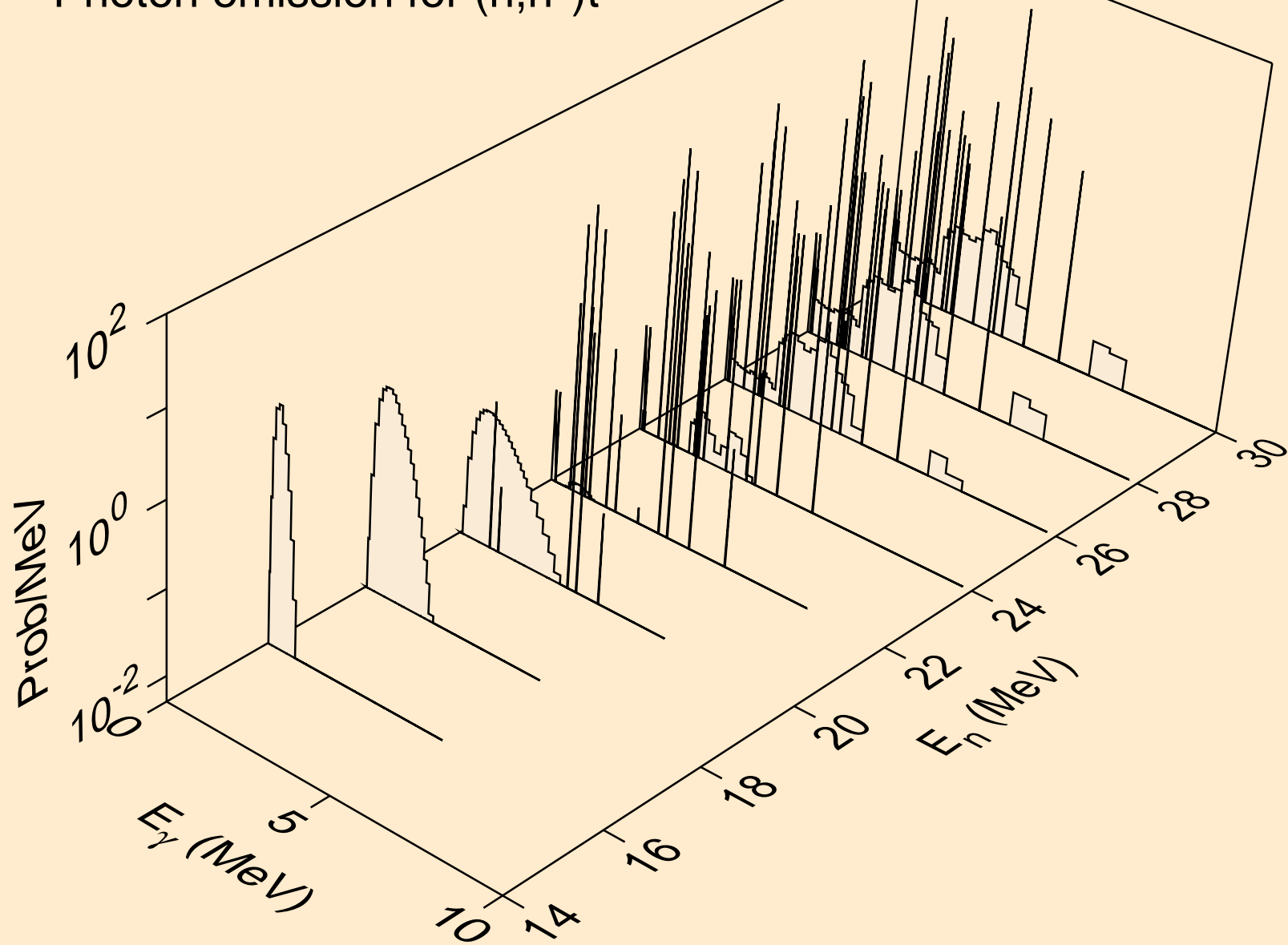
P037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



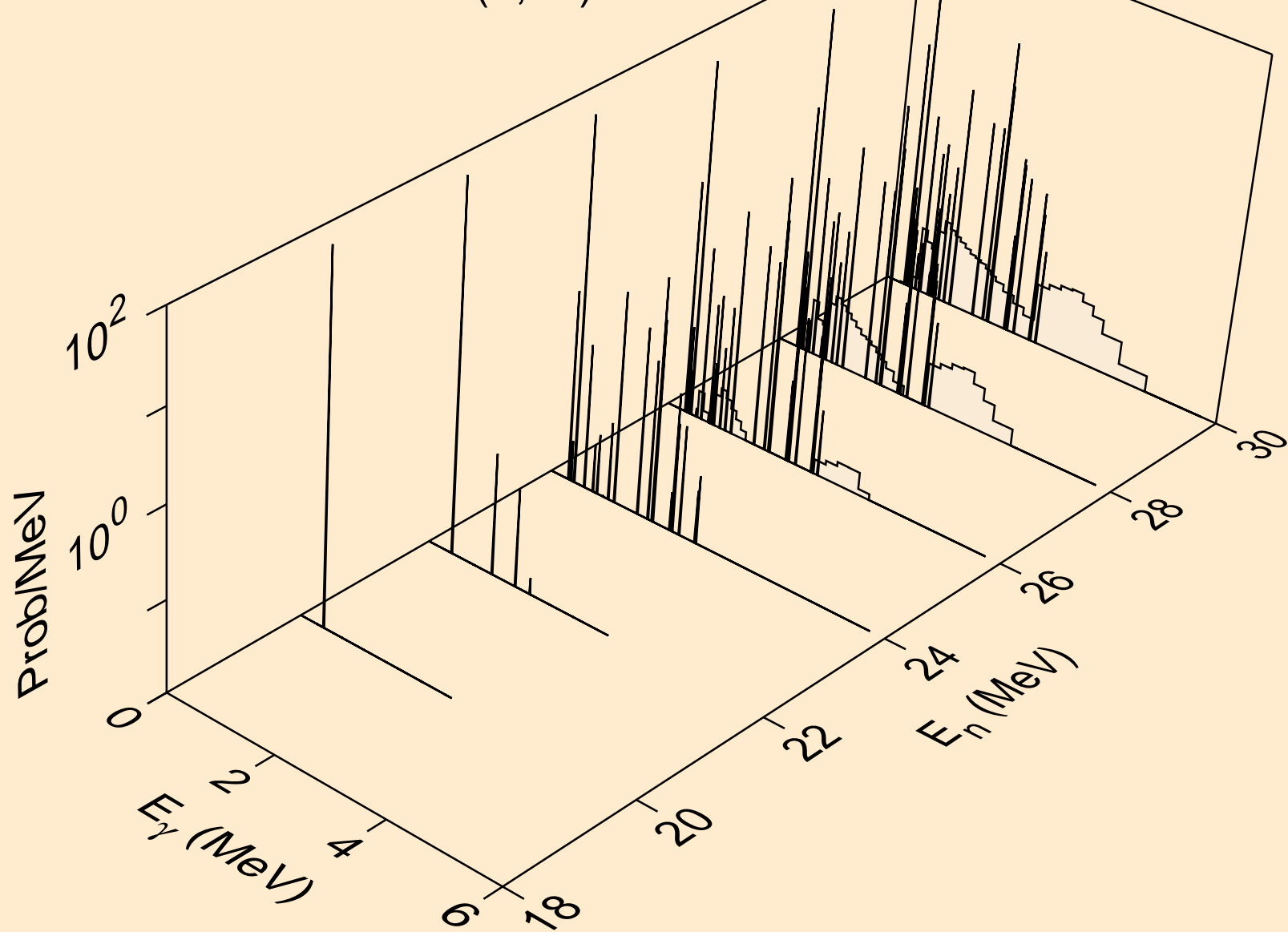
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Photon emission for (n,n\*)d



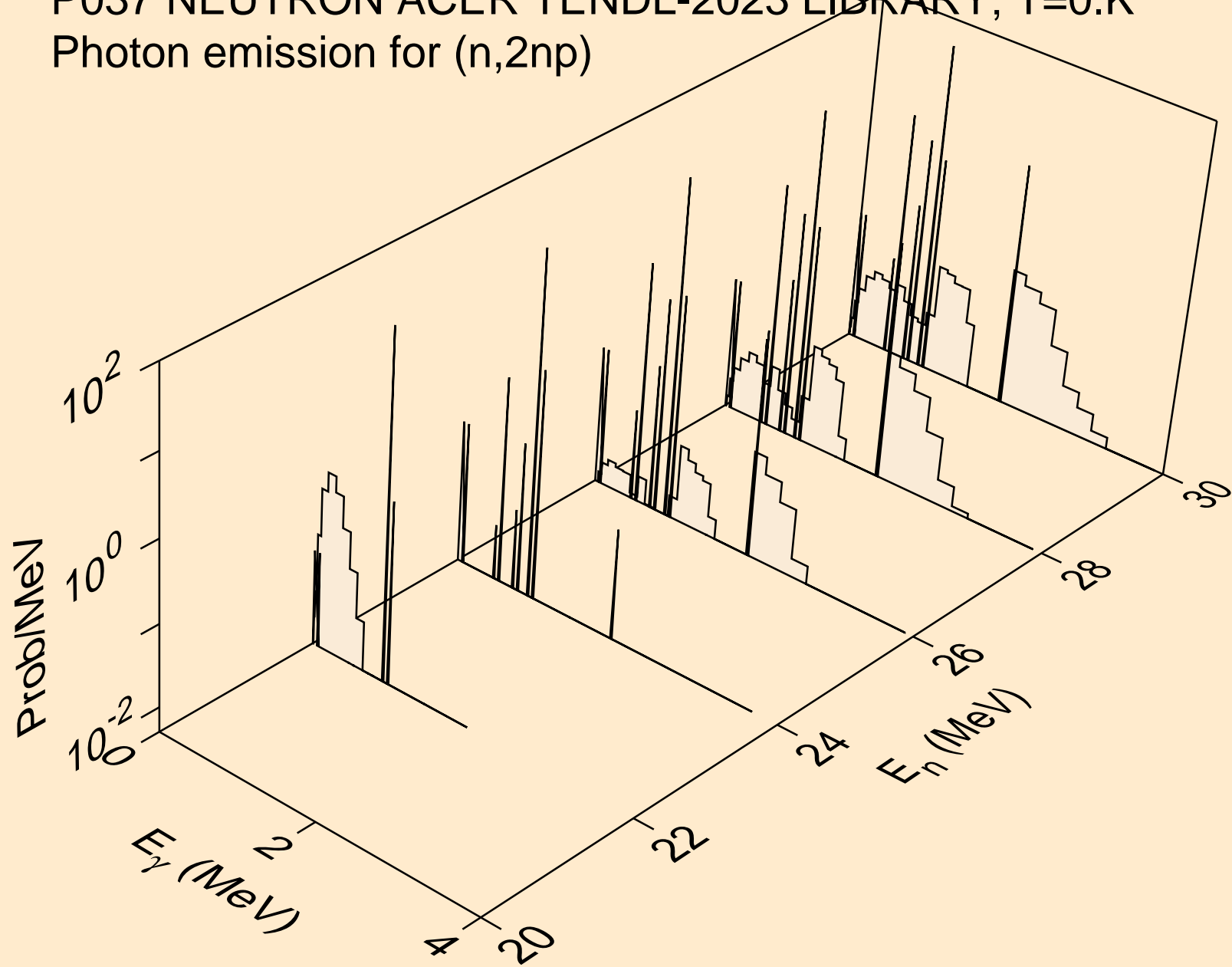
P037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



P037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)

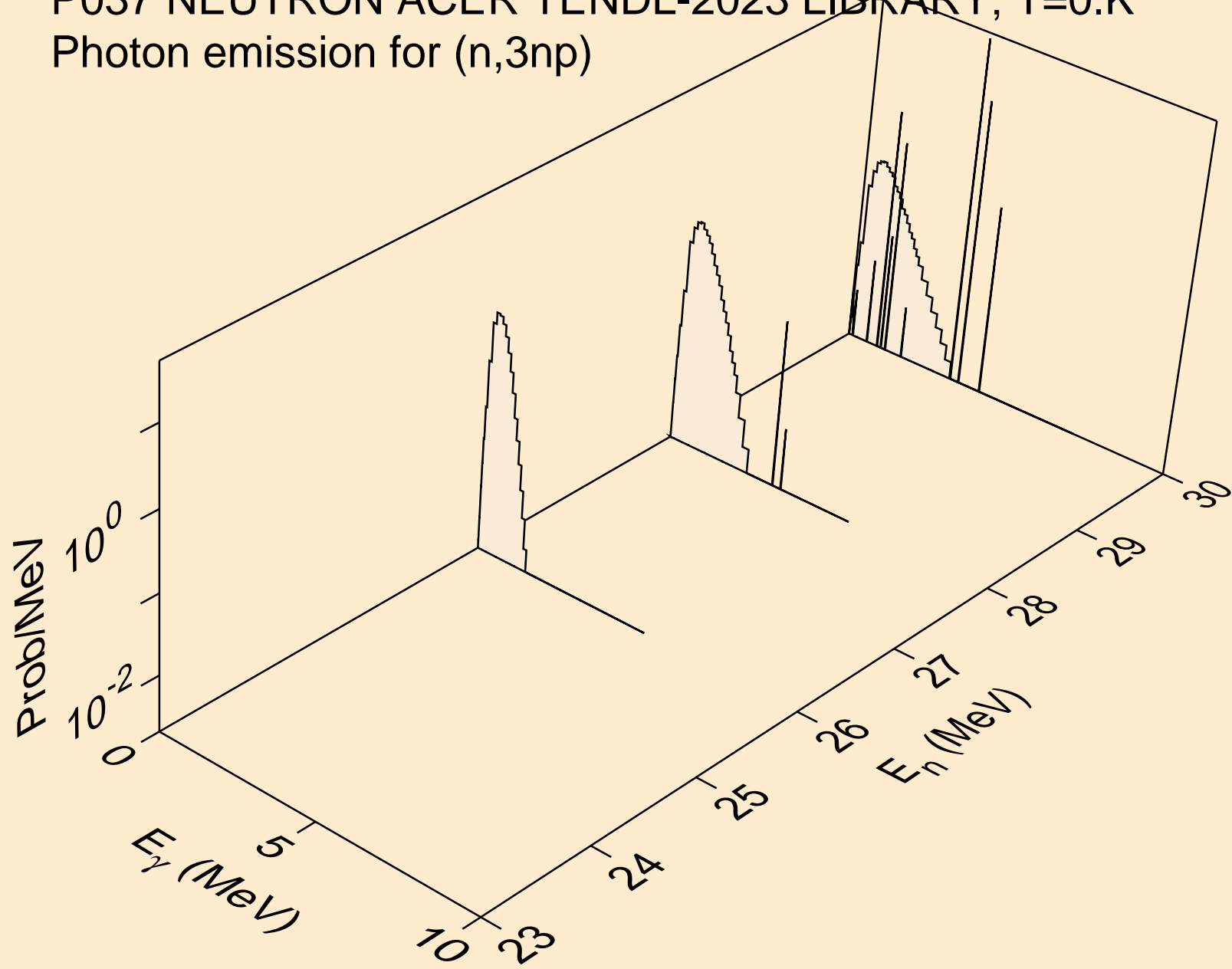


P037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

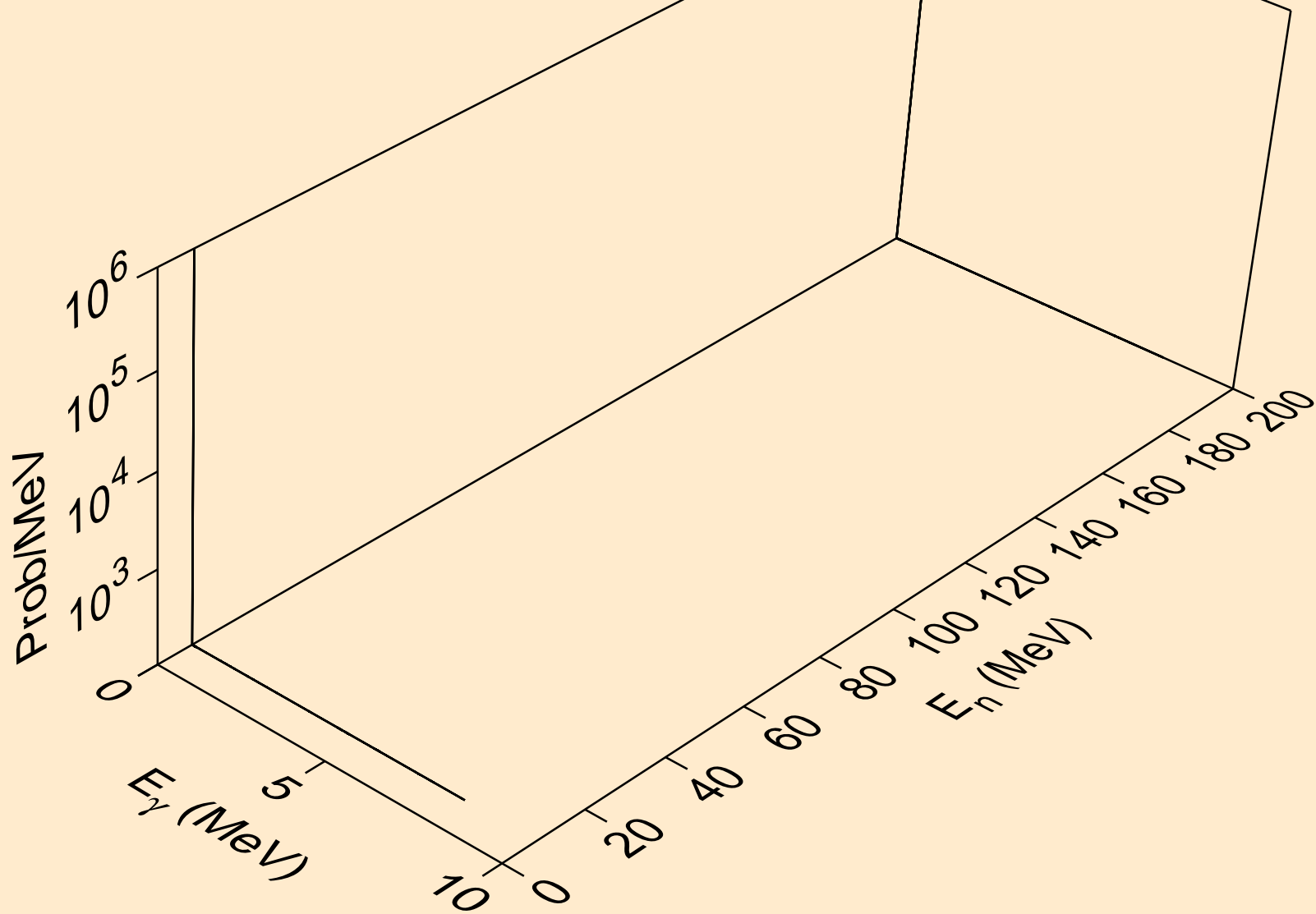




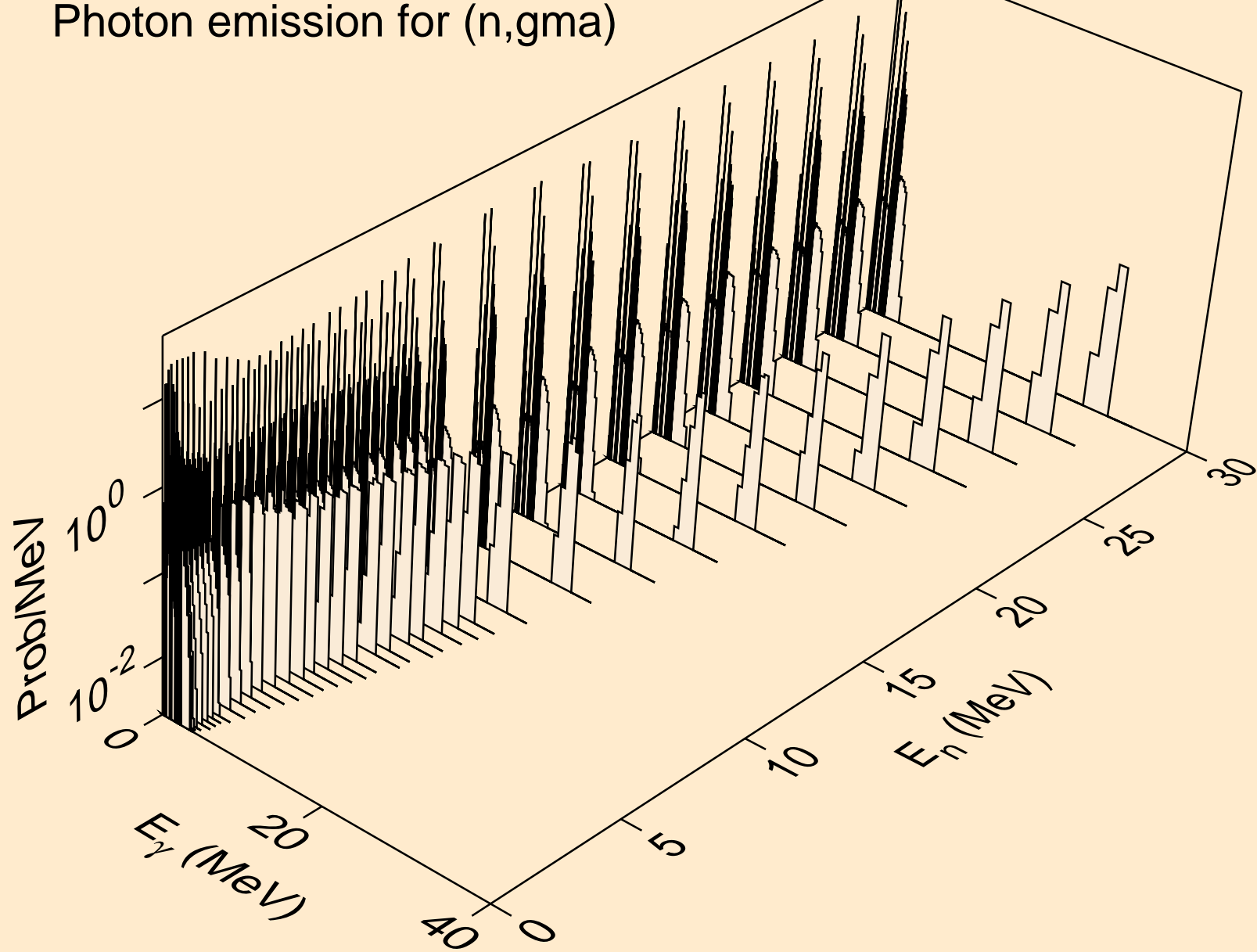
P037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



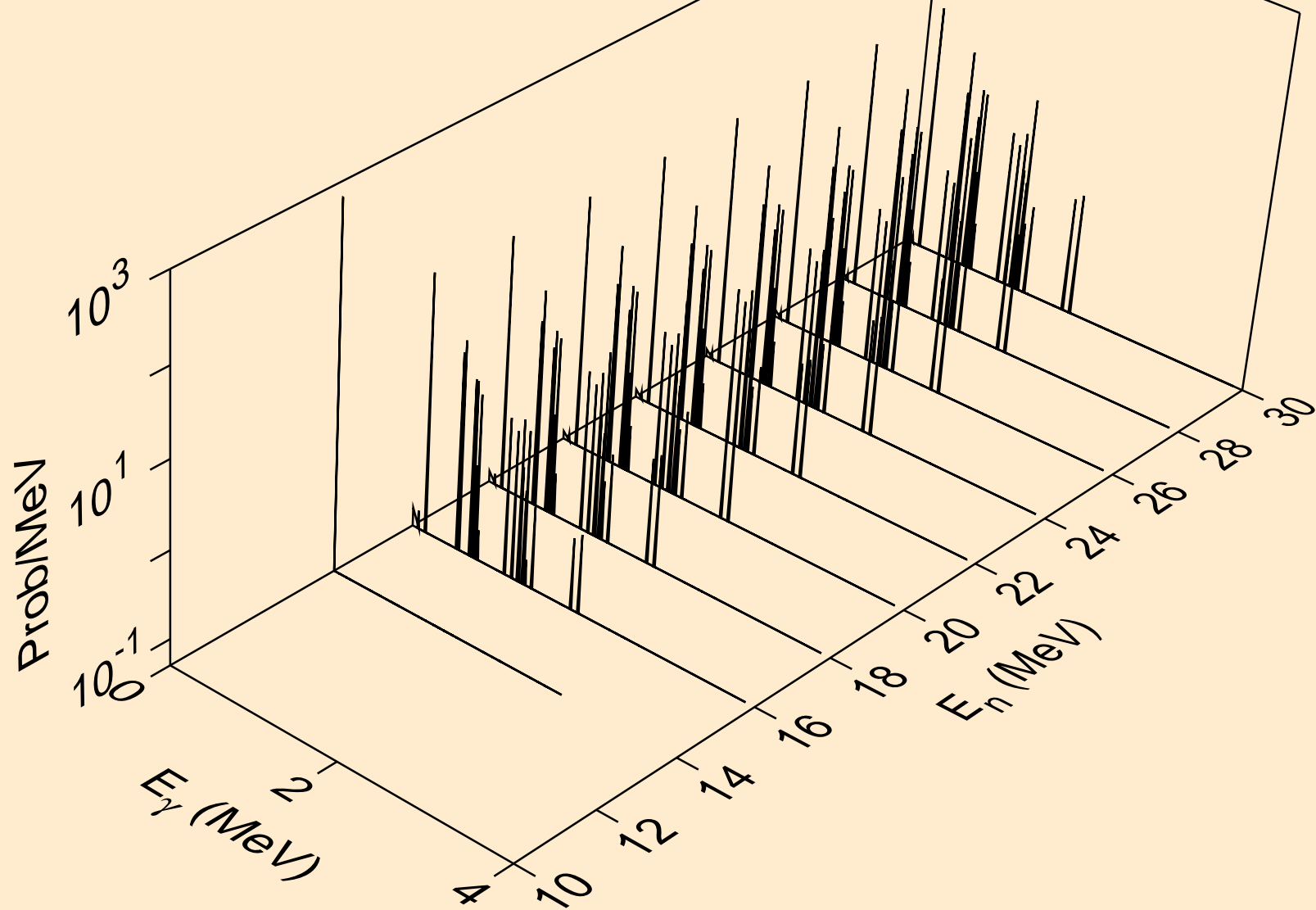
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Photon emission for (n,n\*c)



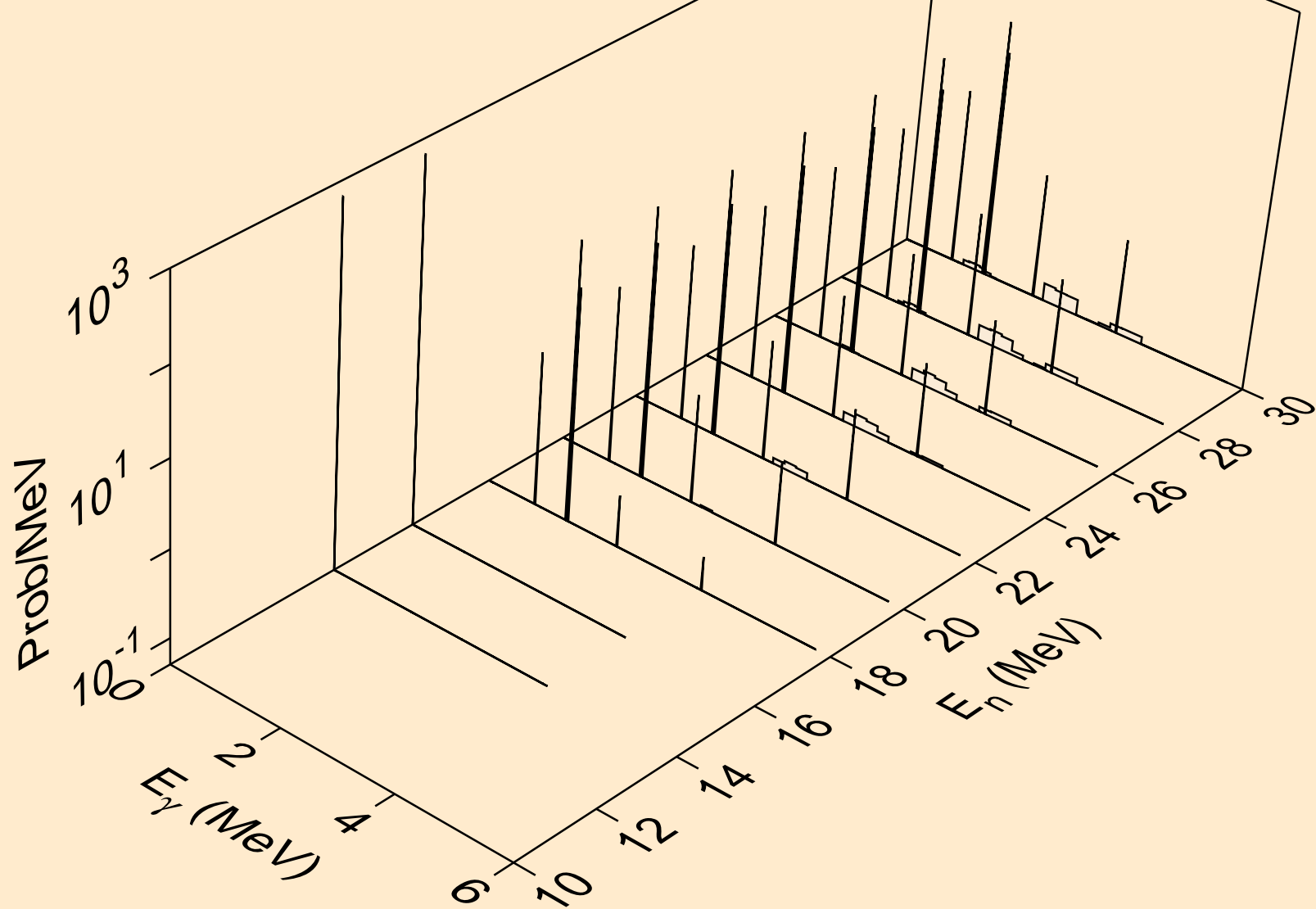
P037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



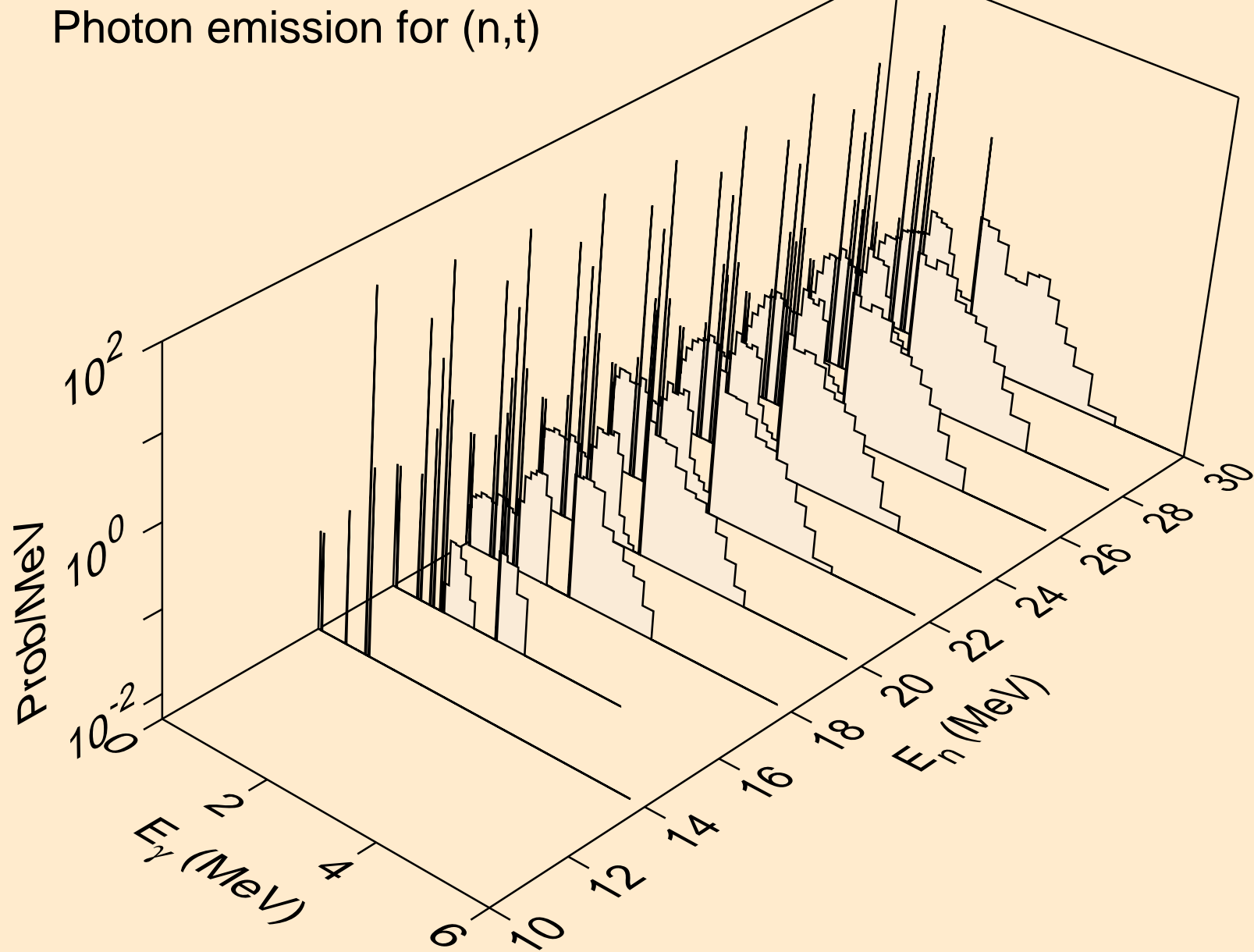
P037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



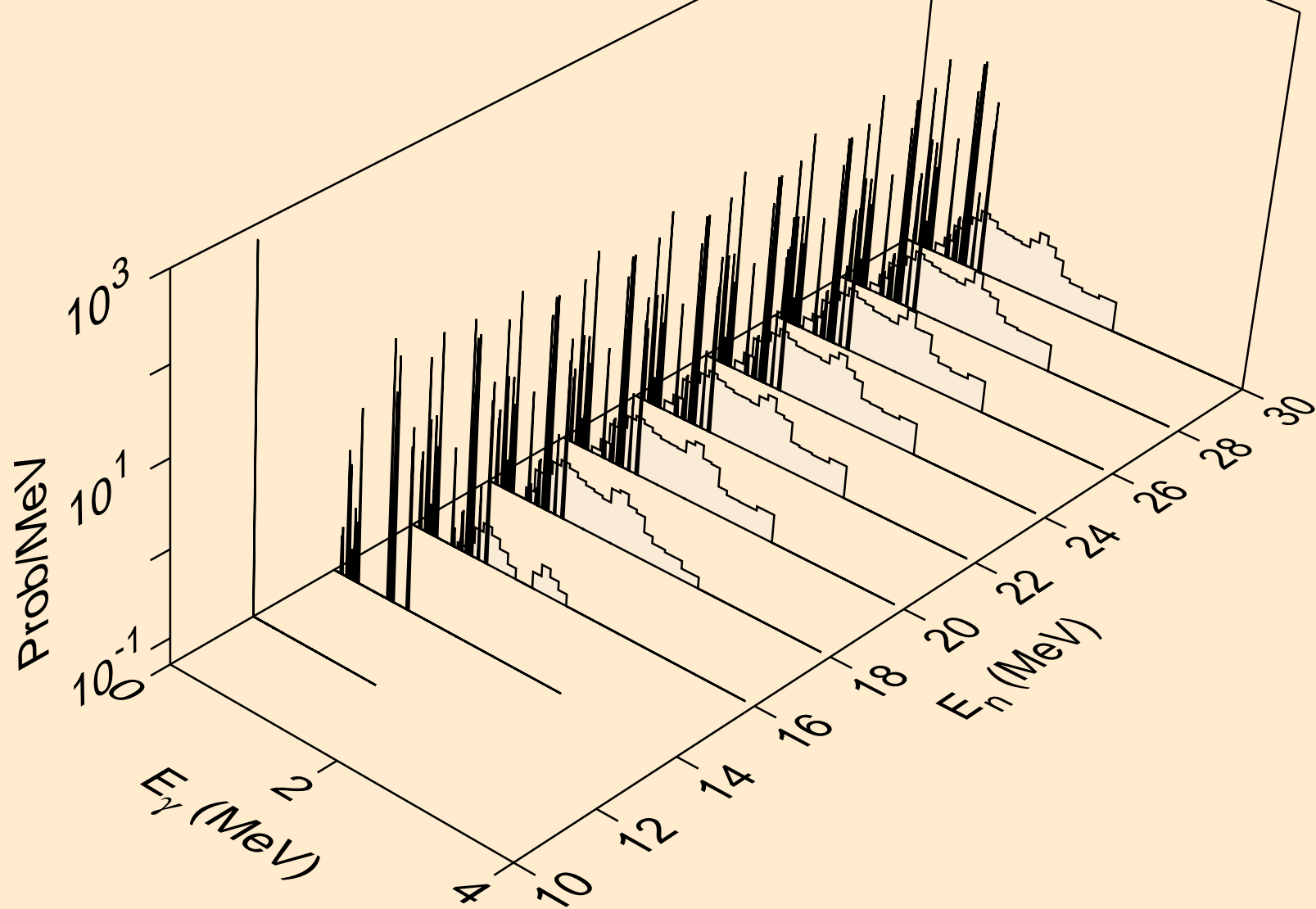
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Photon emission for (n,d)



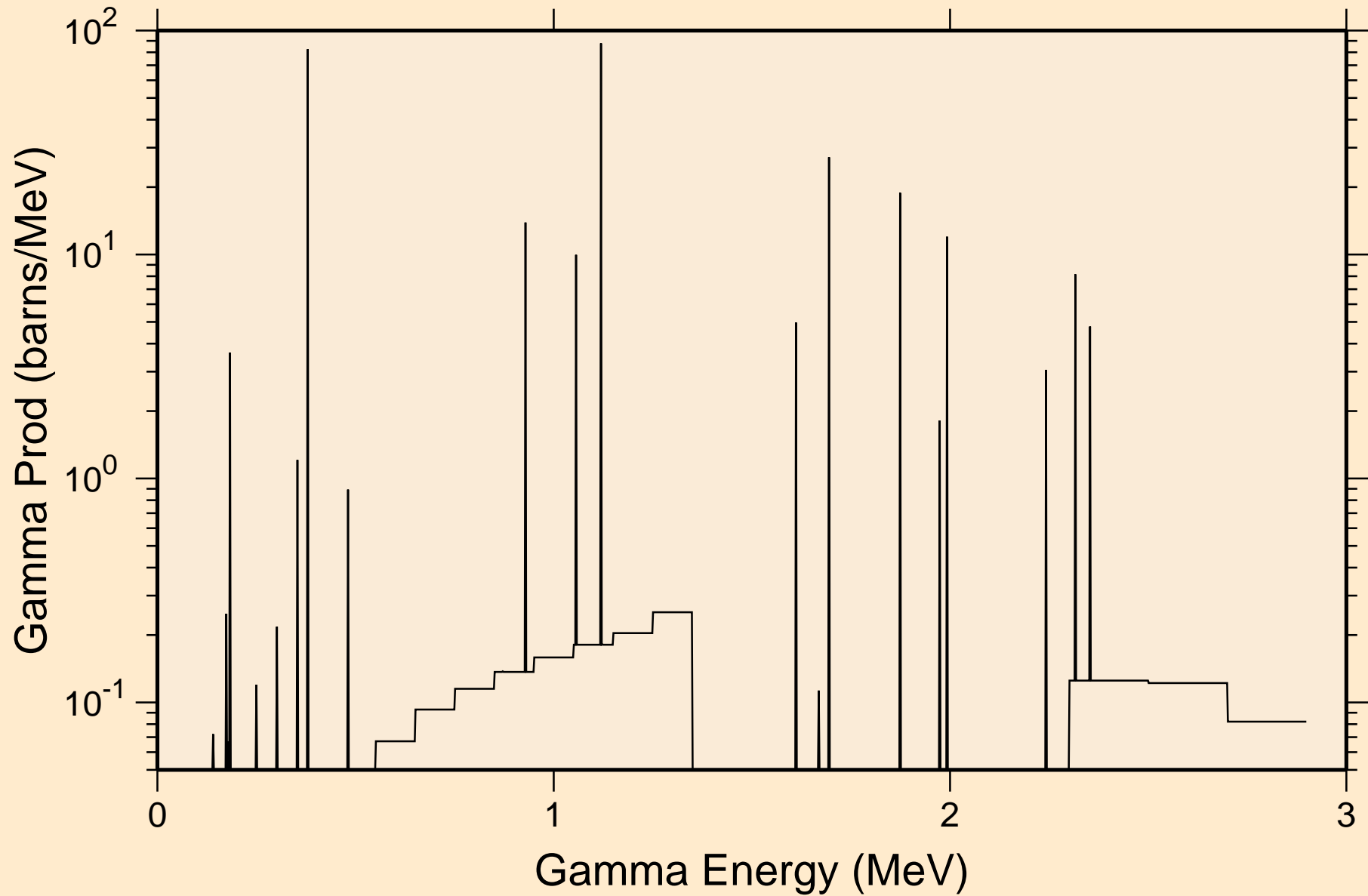
P037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



P037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)

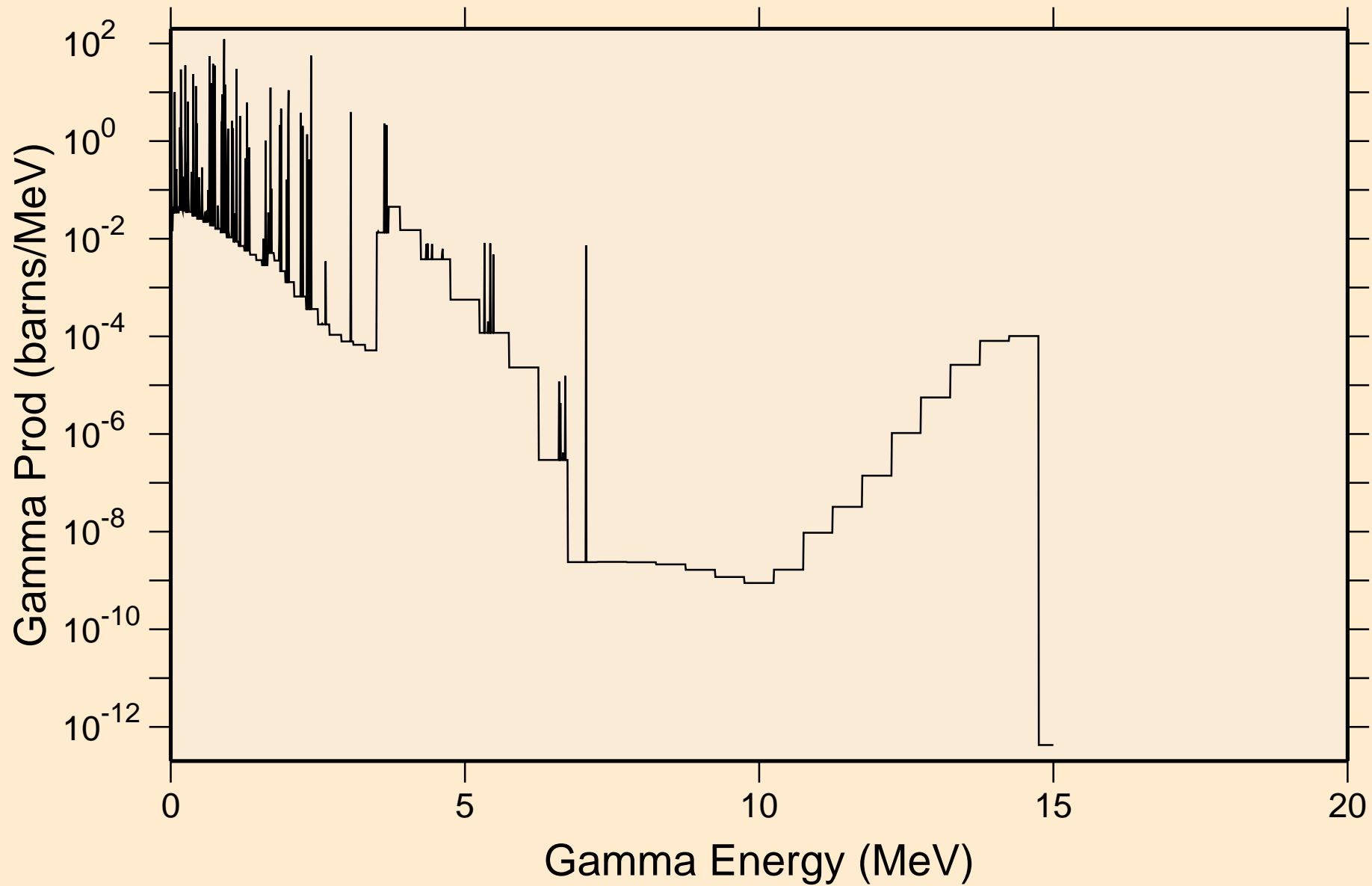


P037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

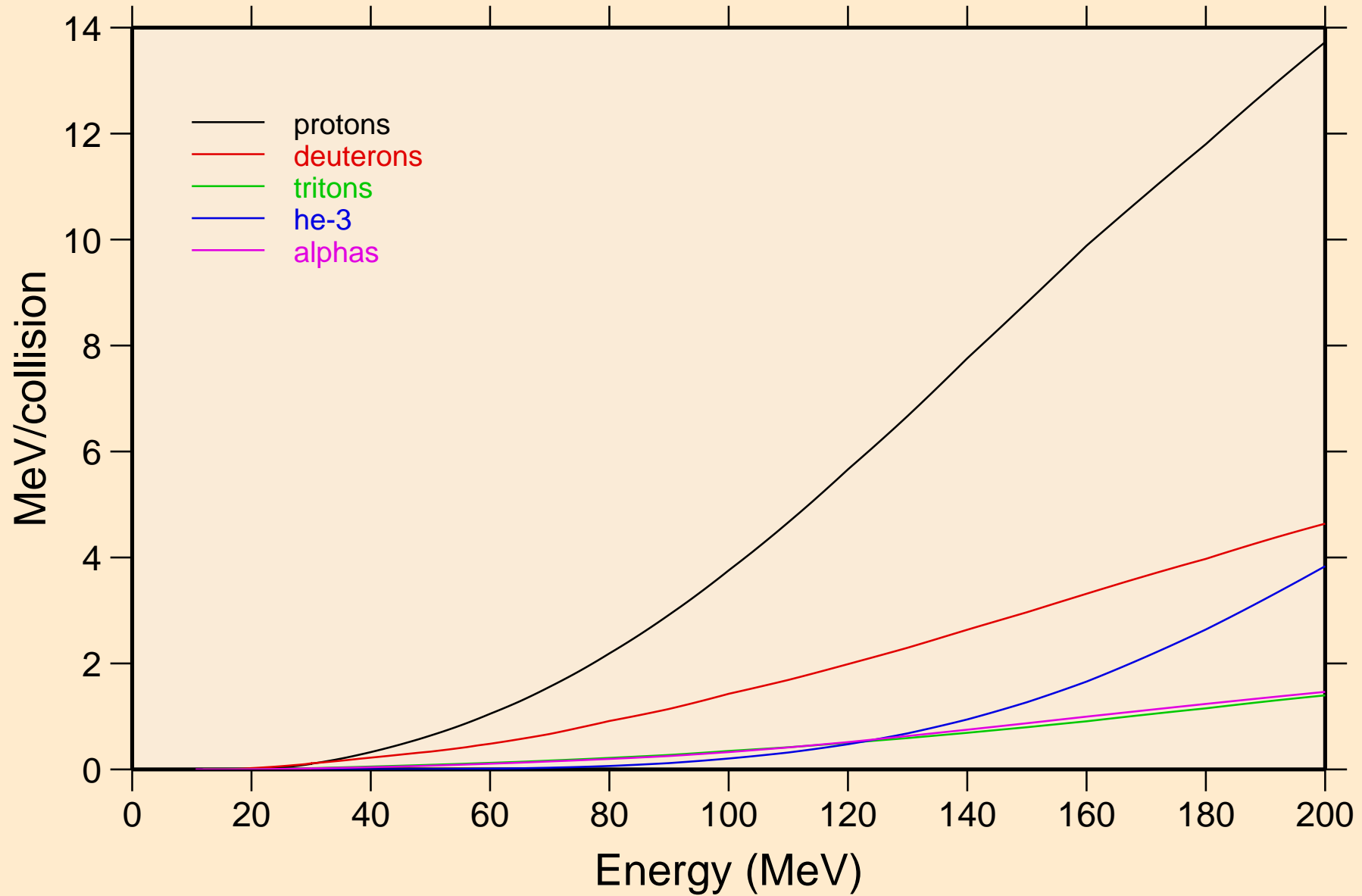




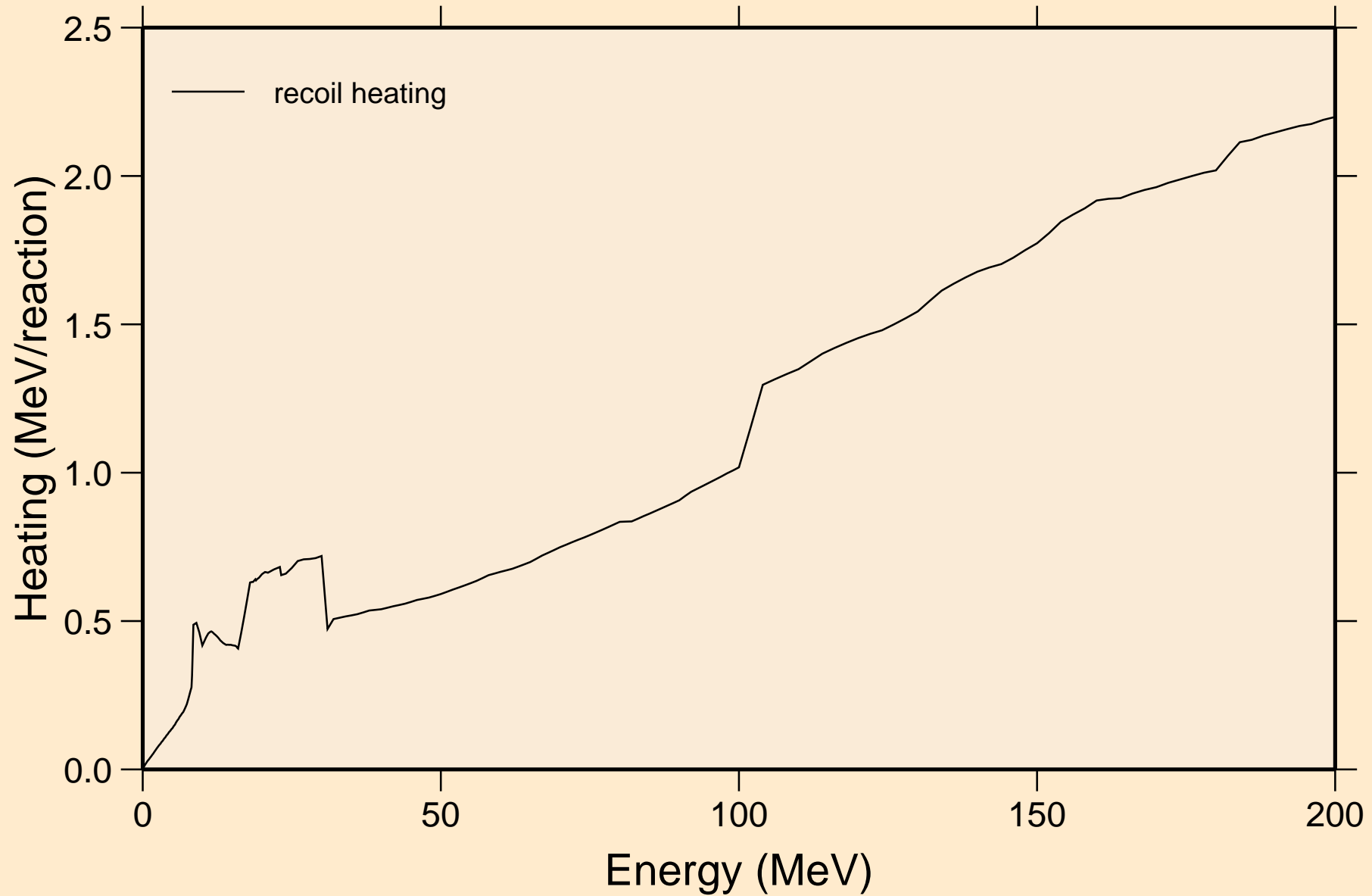
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14 MeV photon spectrum



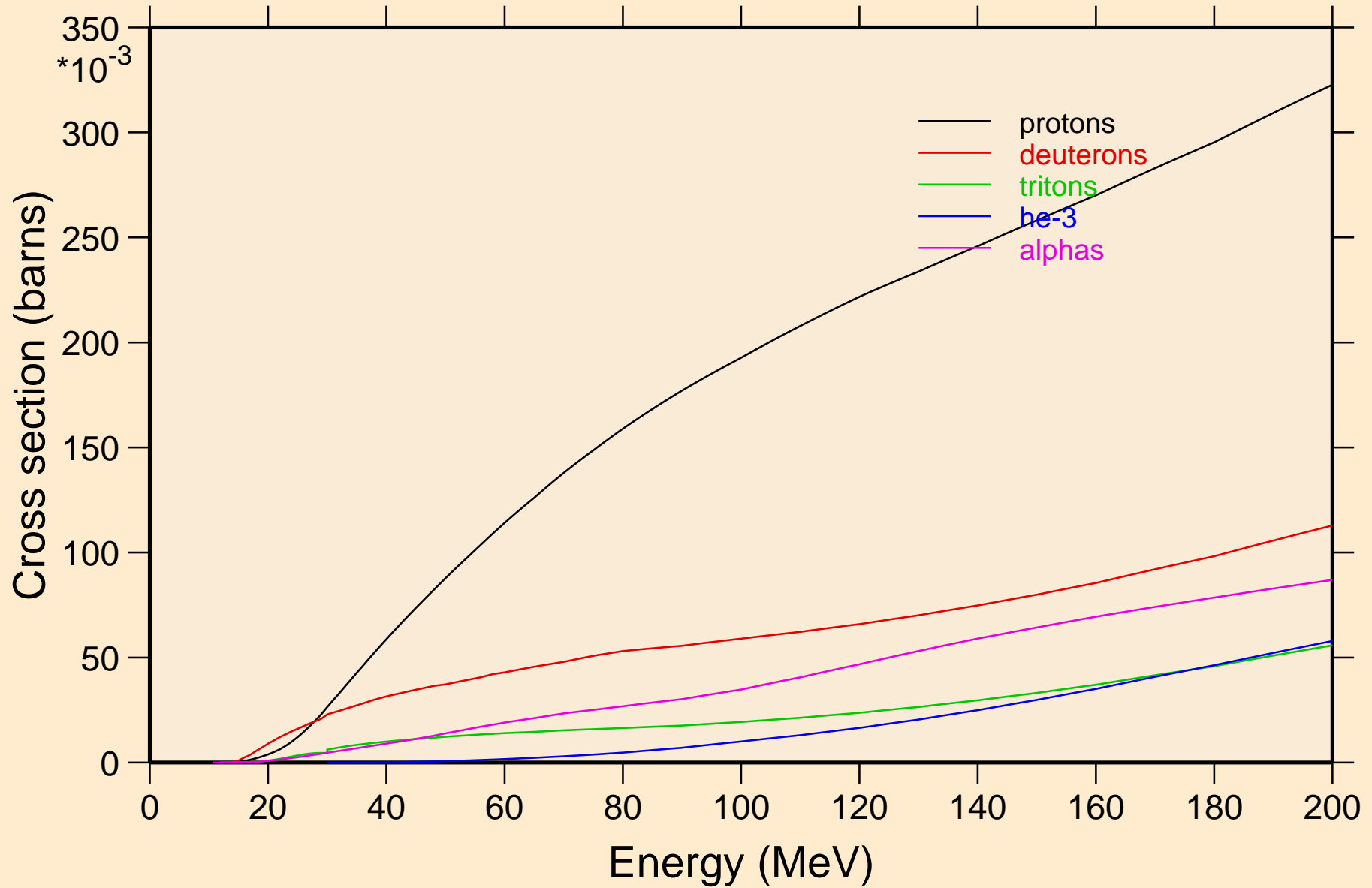
P037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



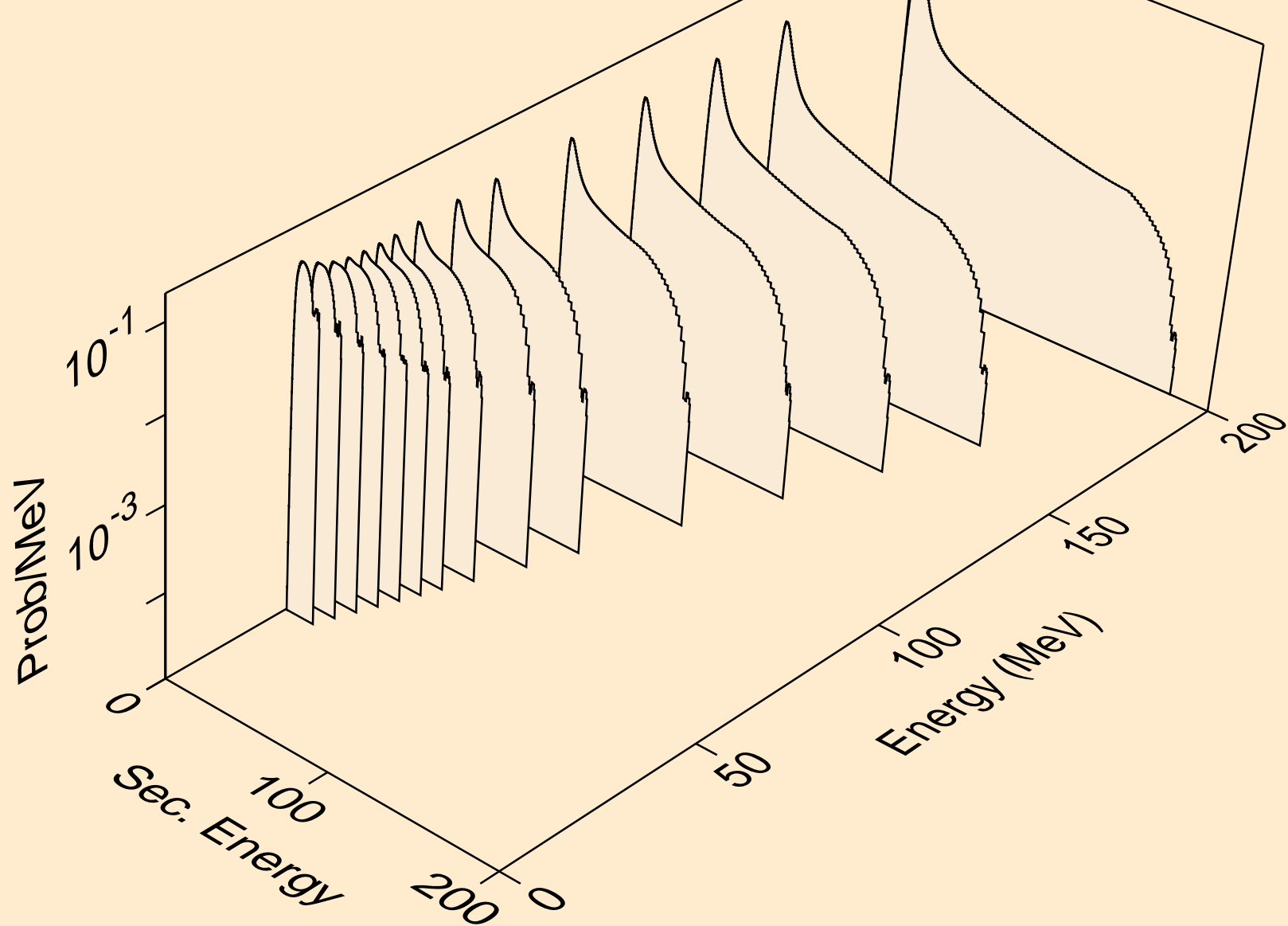
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Recoil Heating



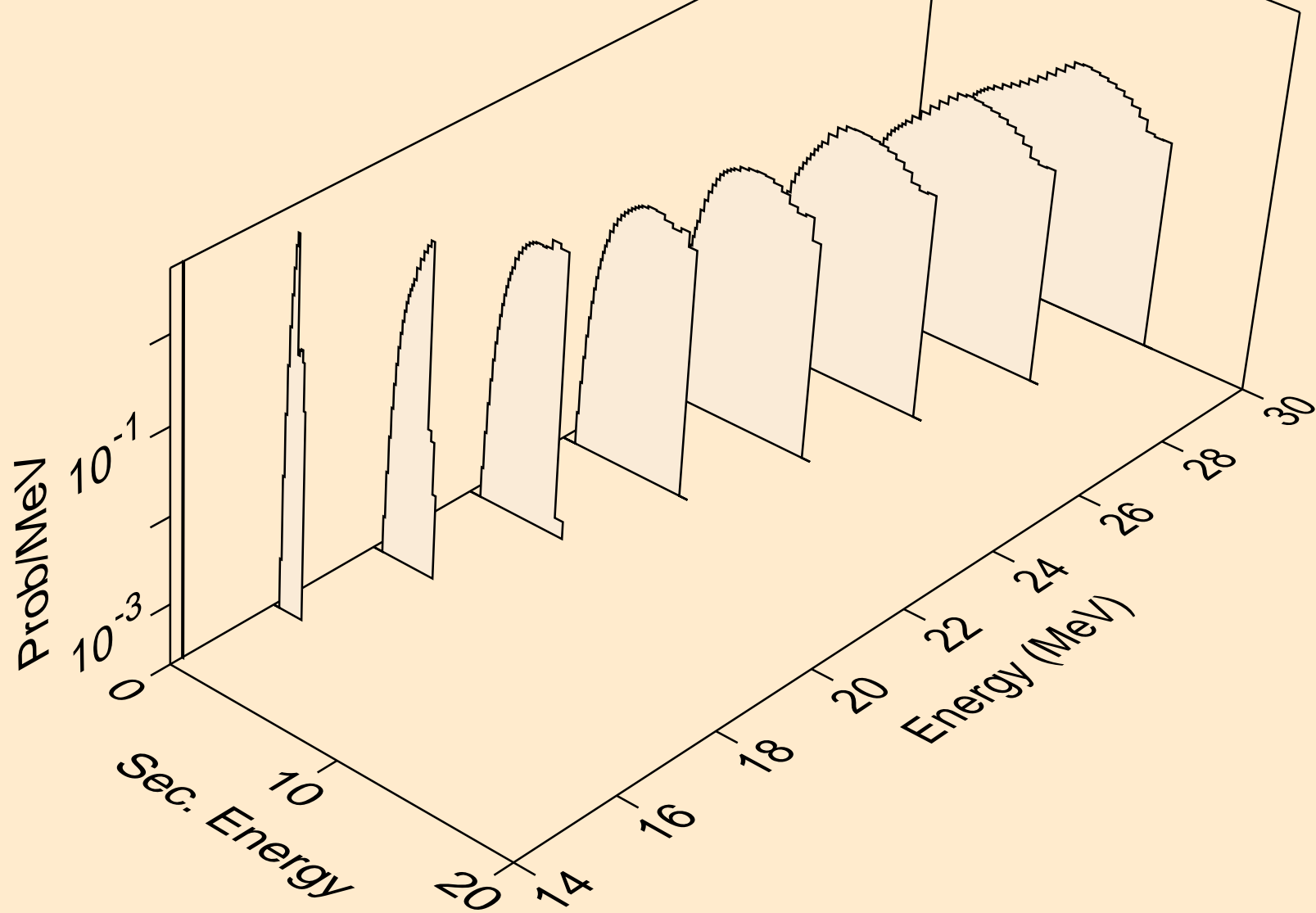
P037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



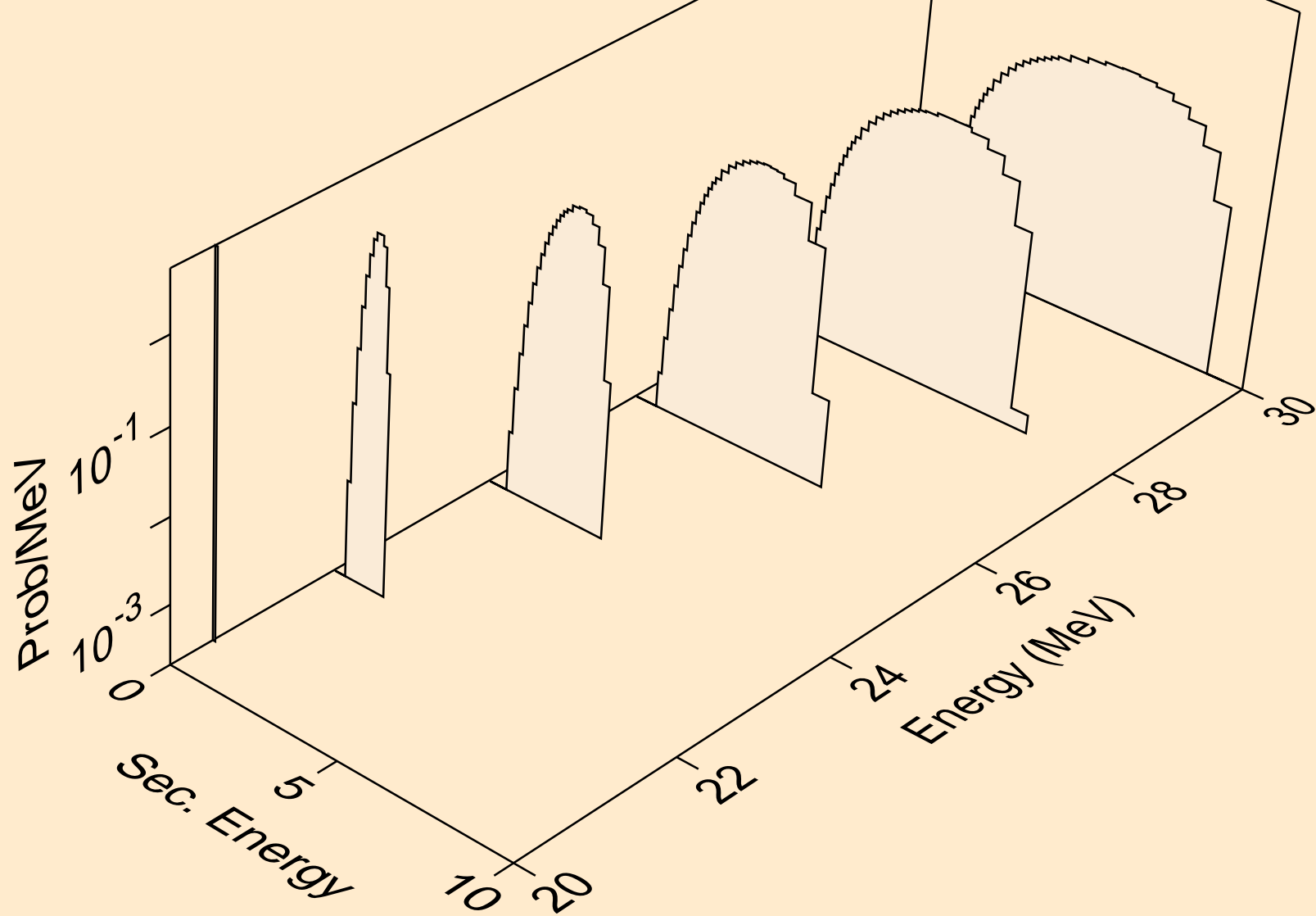
P037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



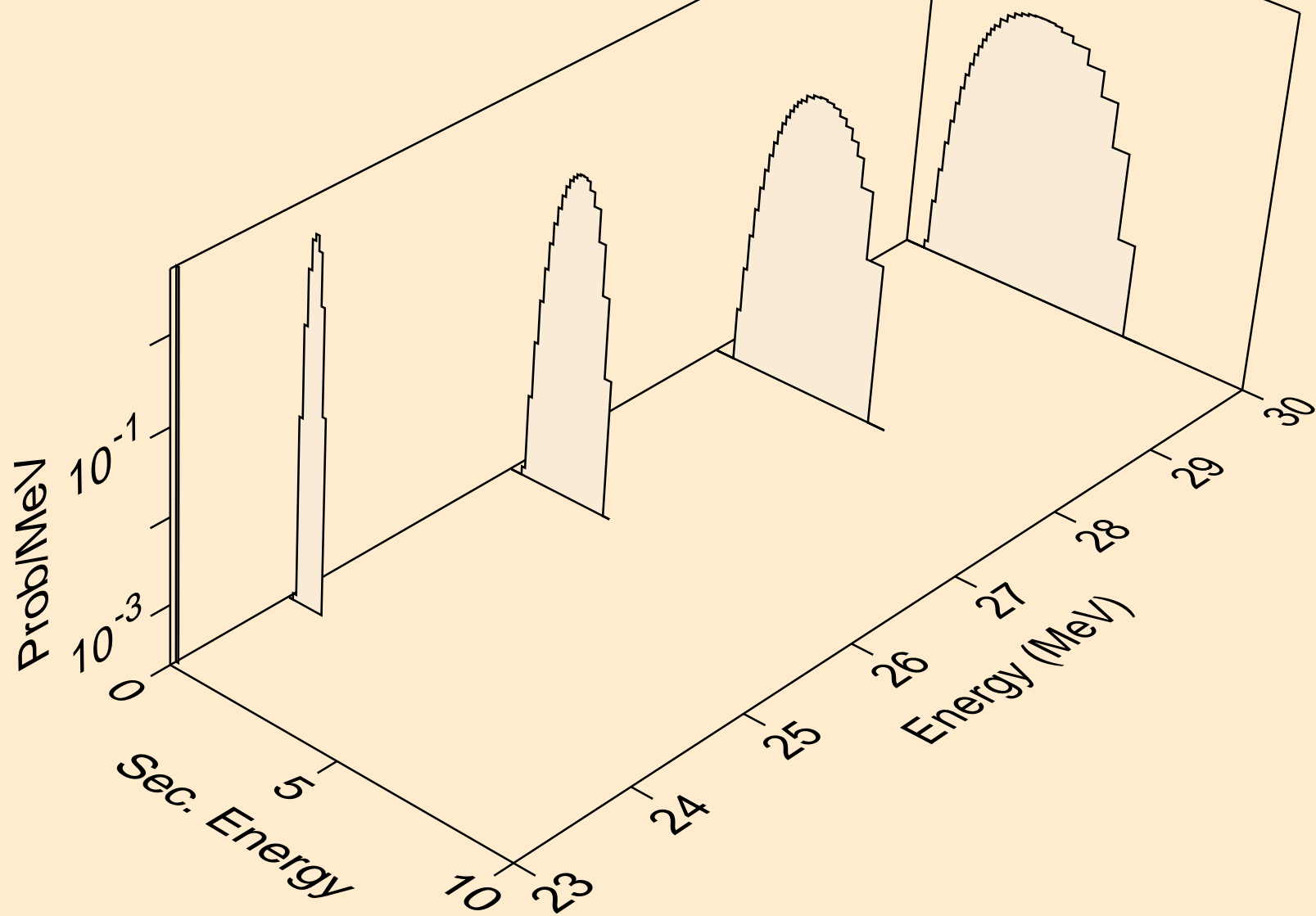
P037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p



P037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2np)

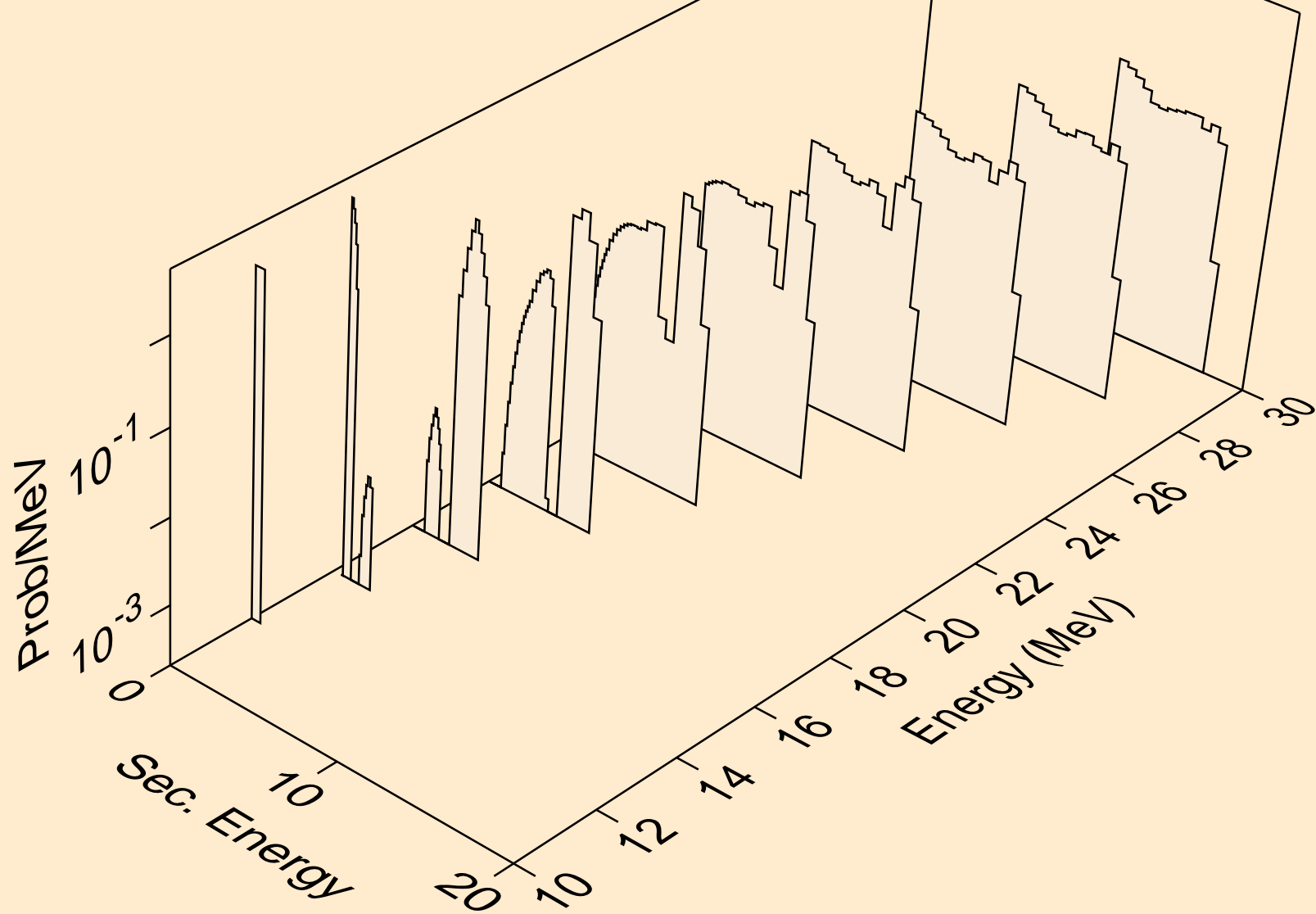


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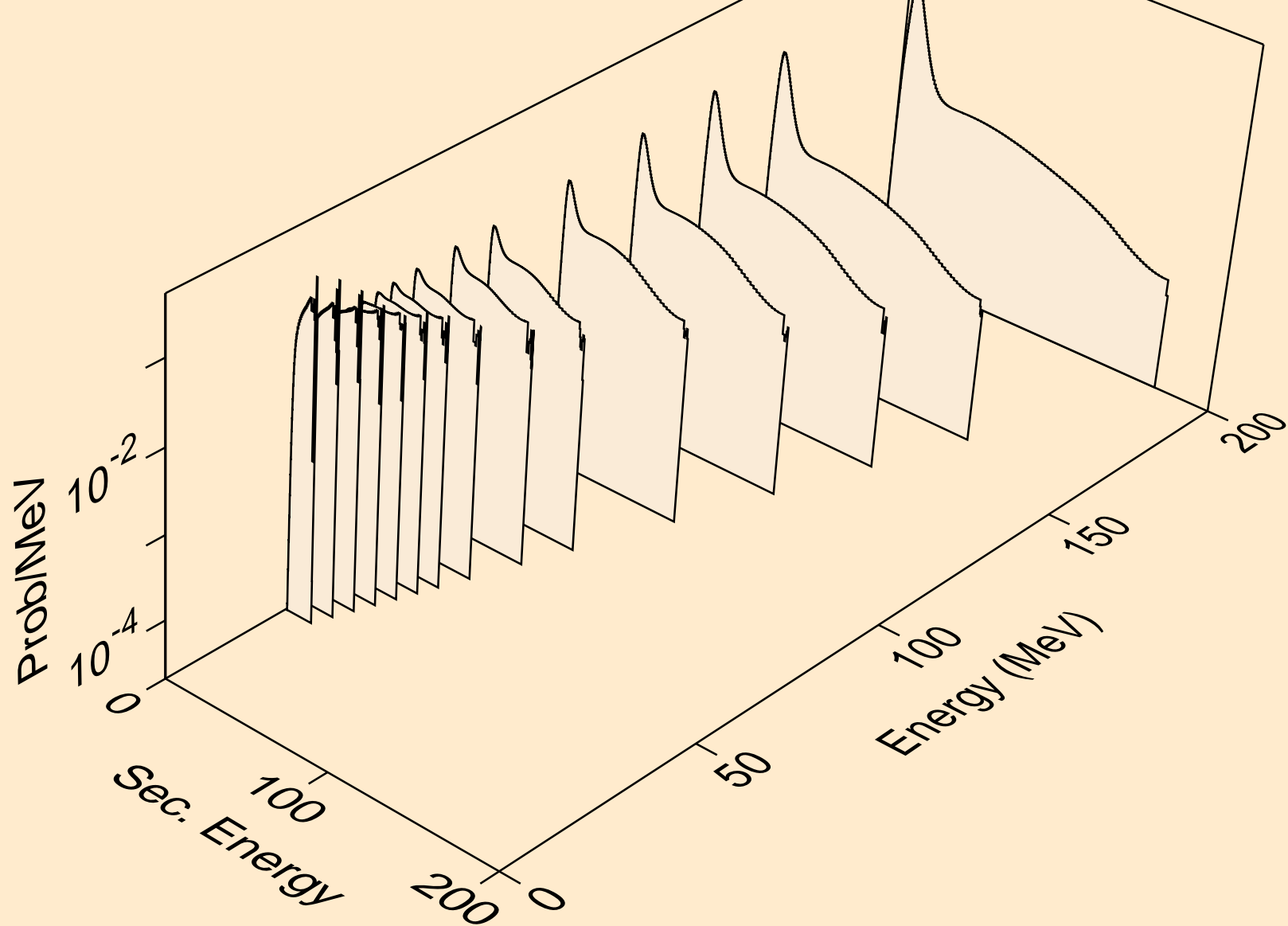




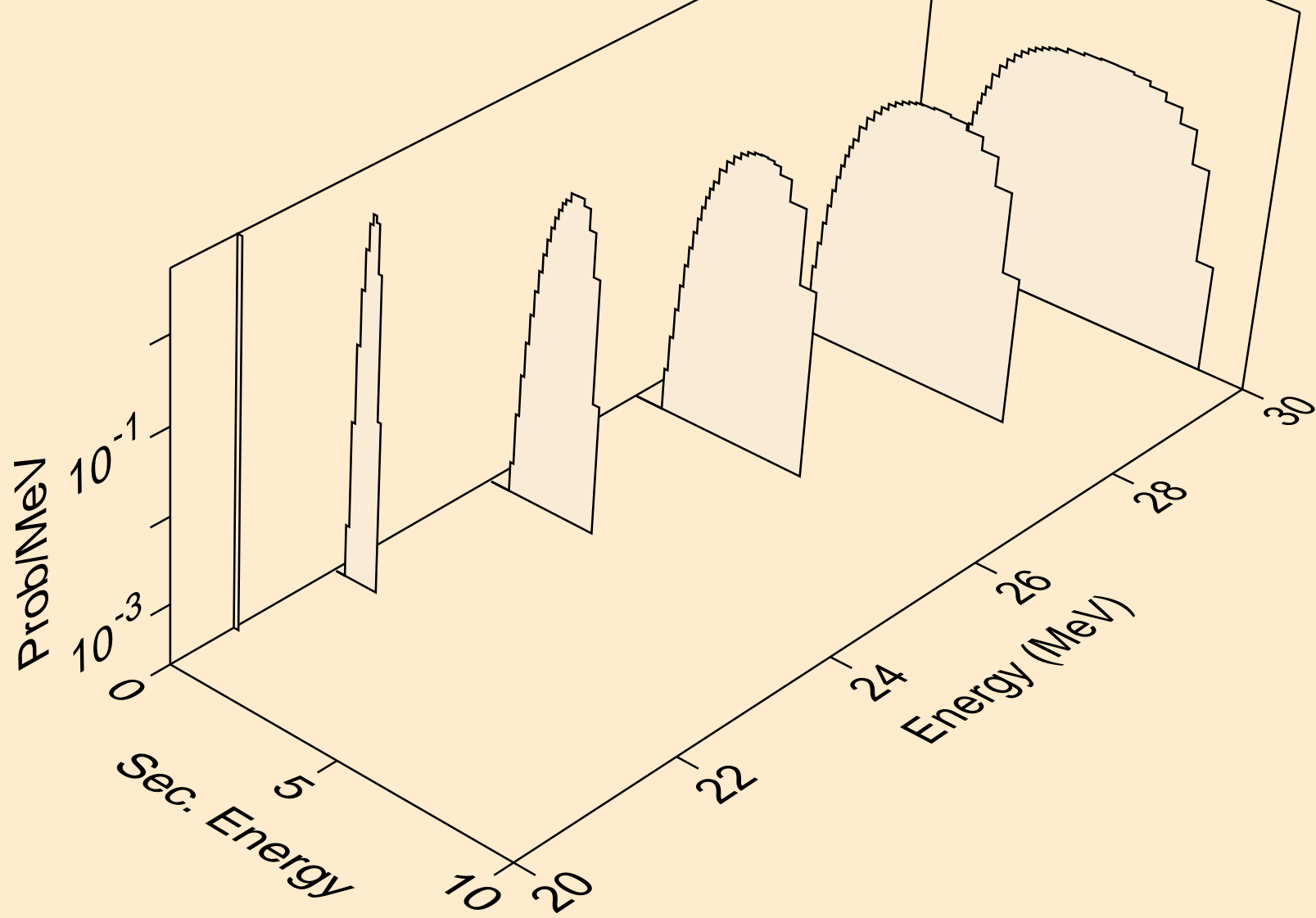
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protons from (n,p)



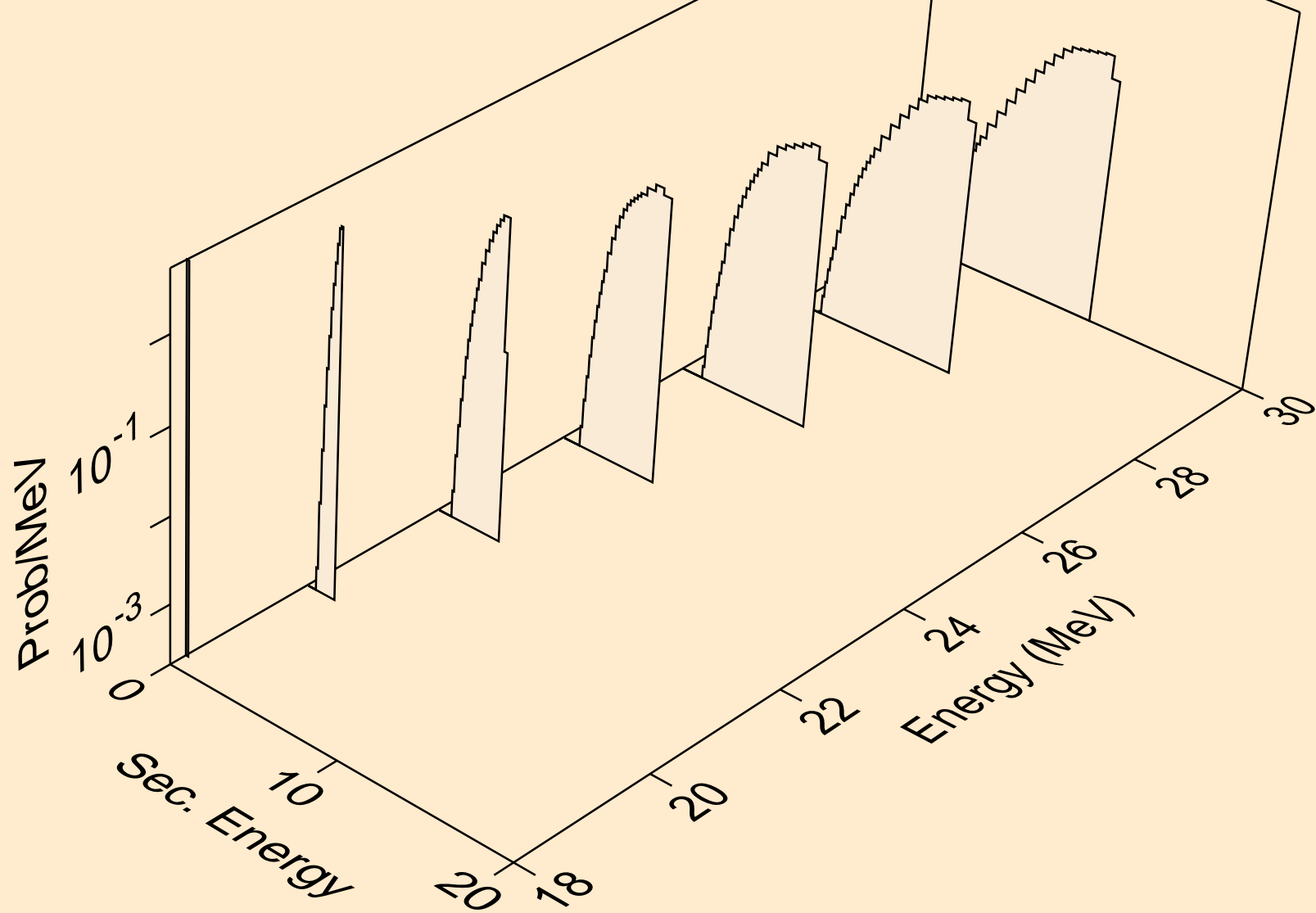
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deuterons from (n,x)



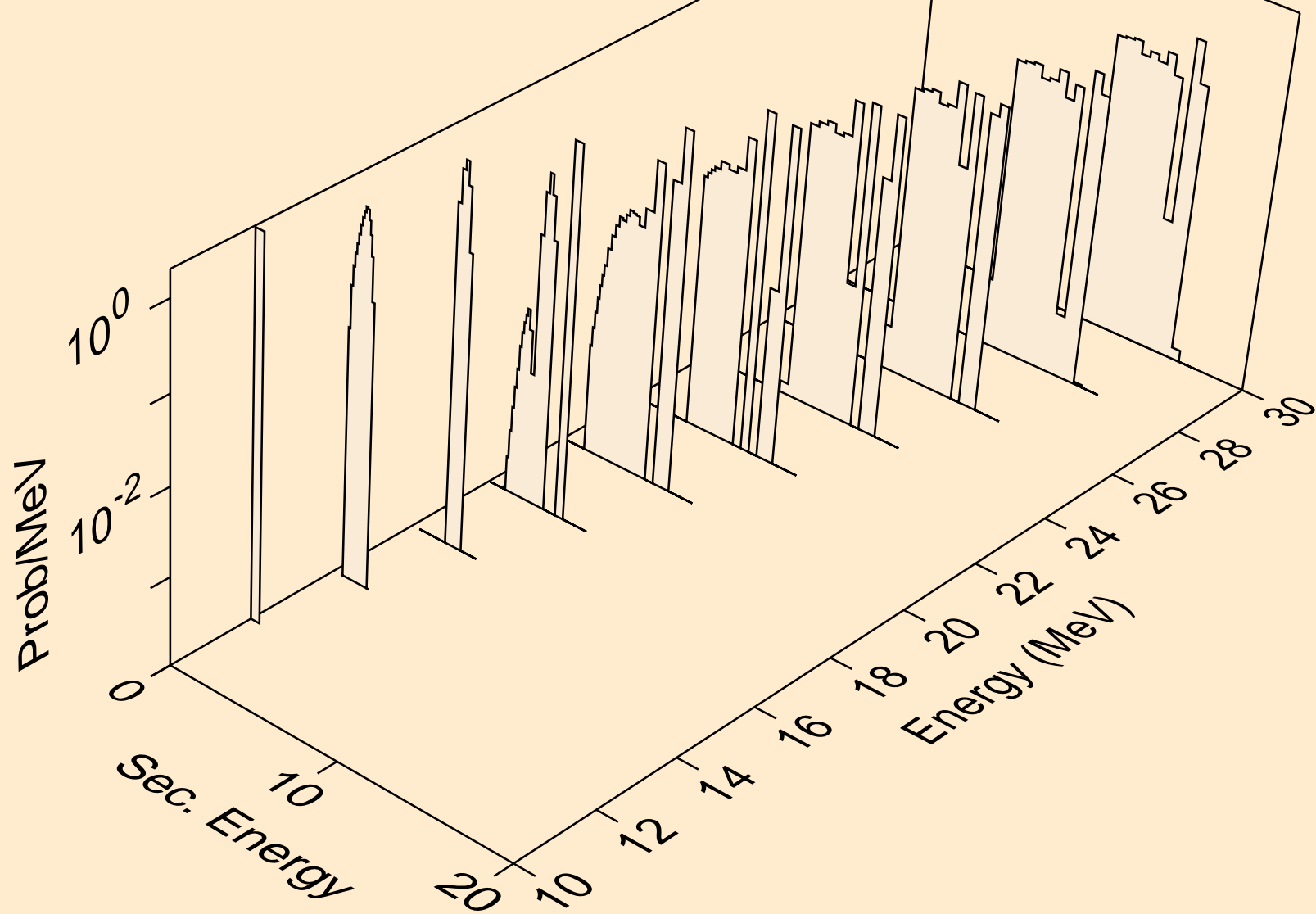
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deuterons from (n,2nd)



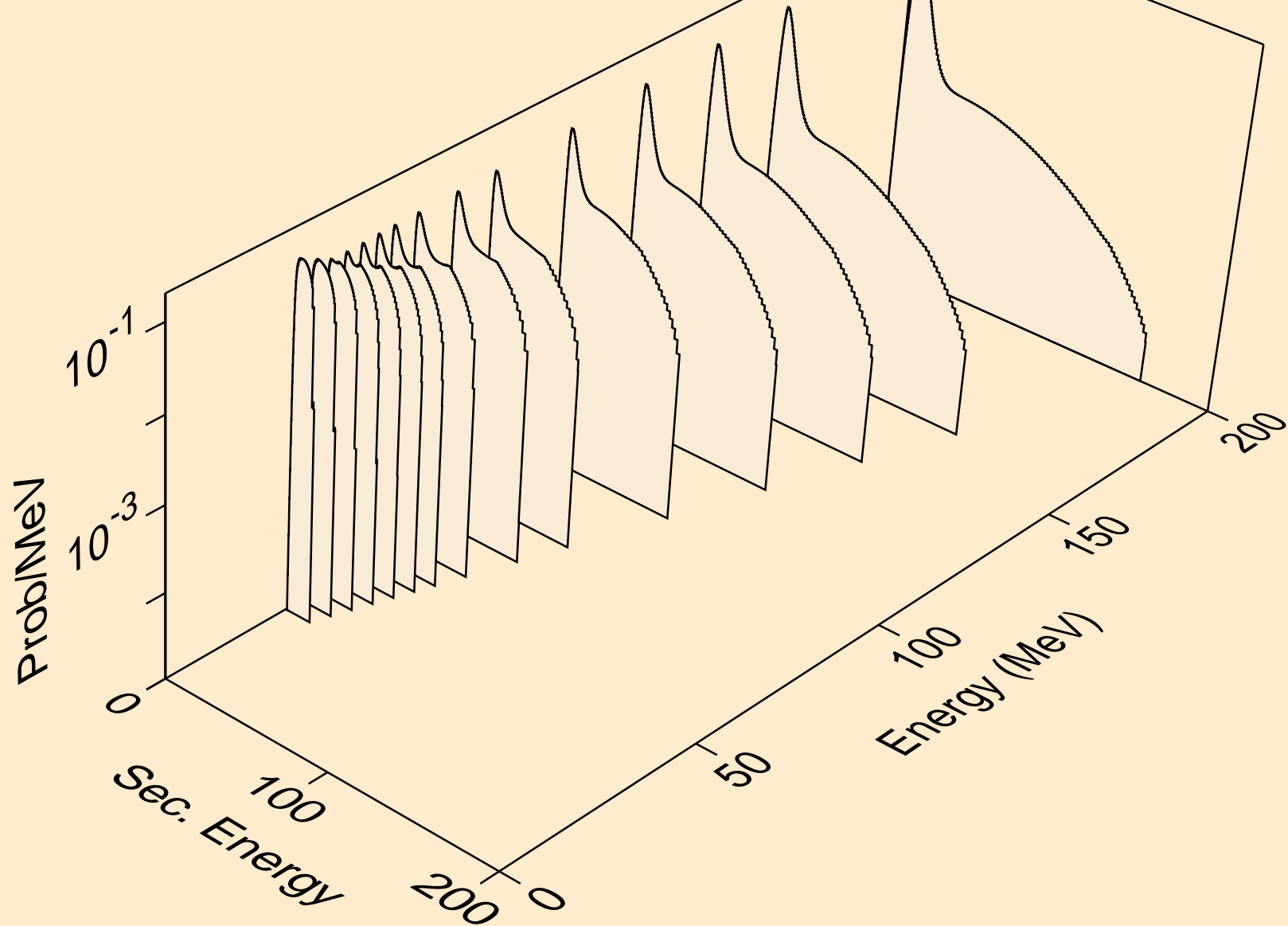
P037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,n\*)d



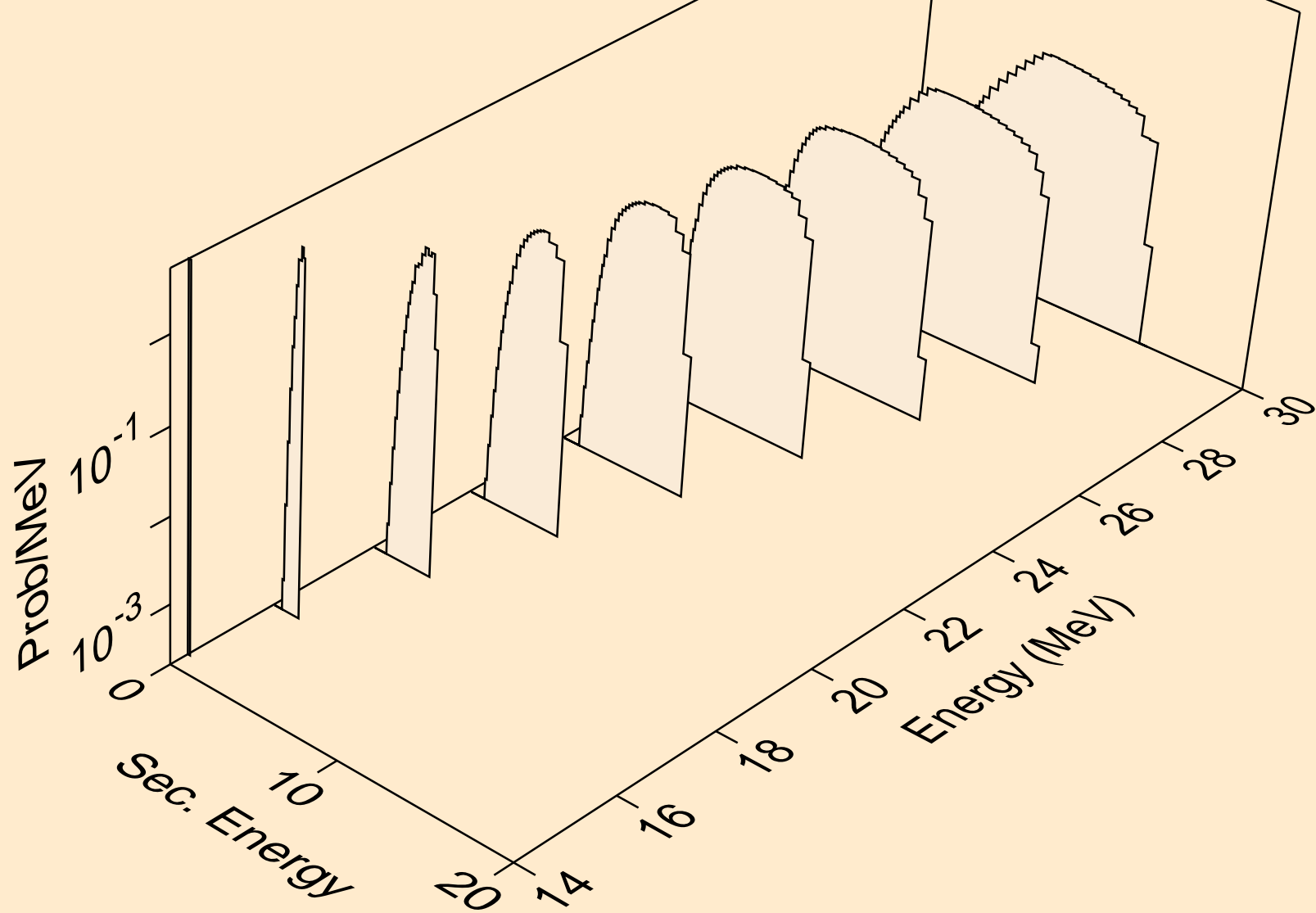
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deuterons from (n,d)



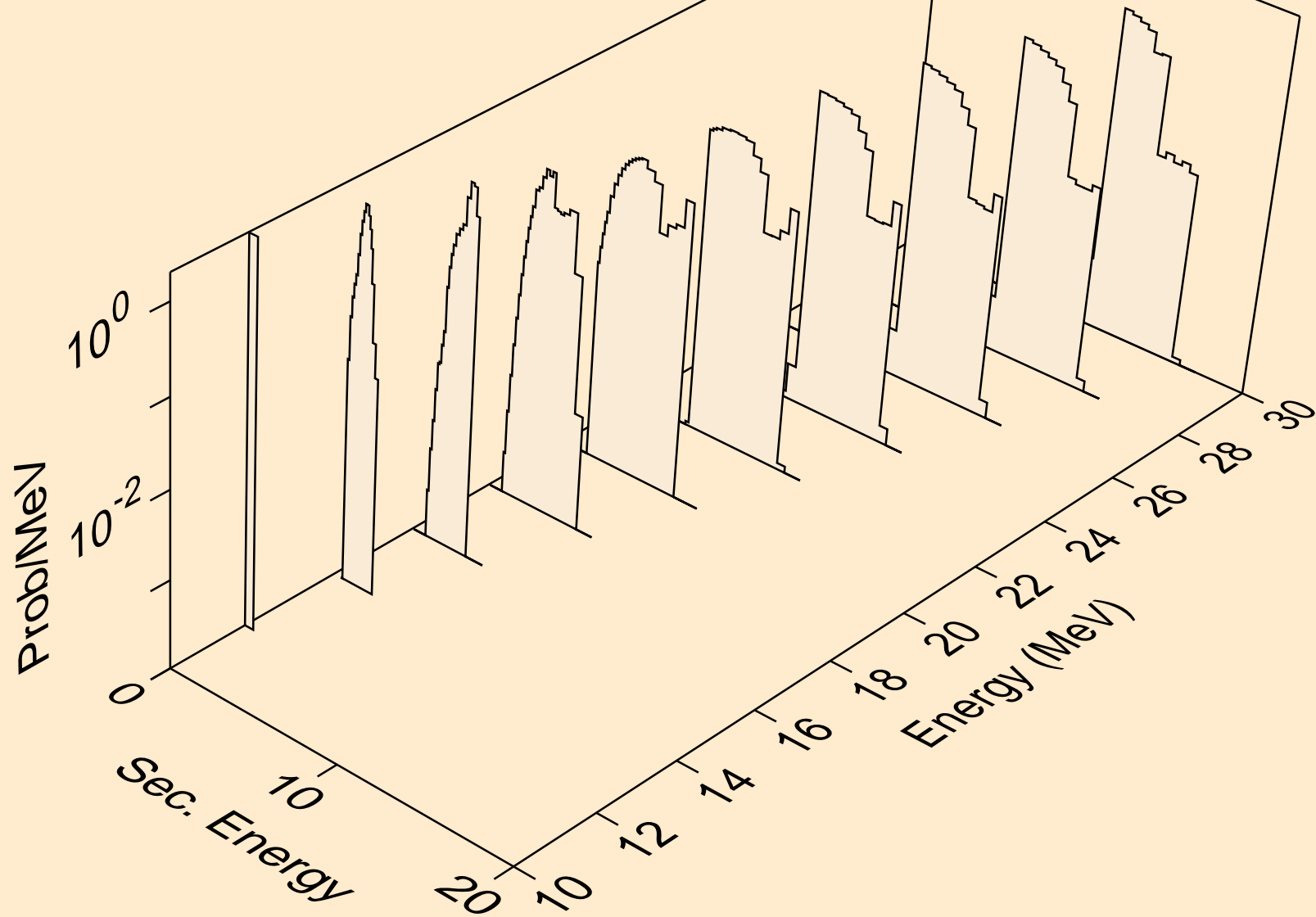
P037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,x)



P037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t

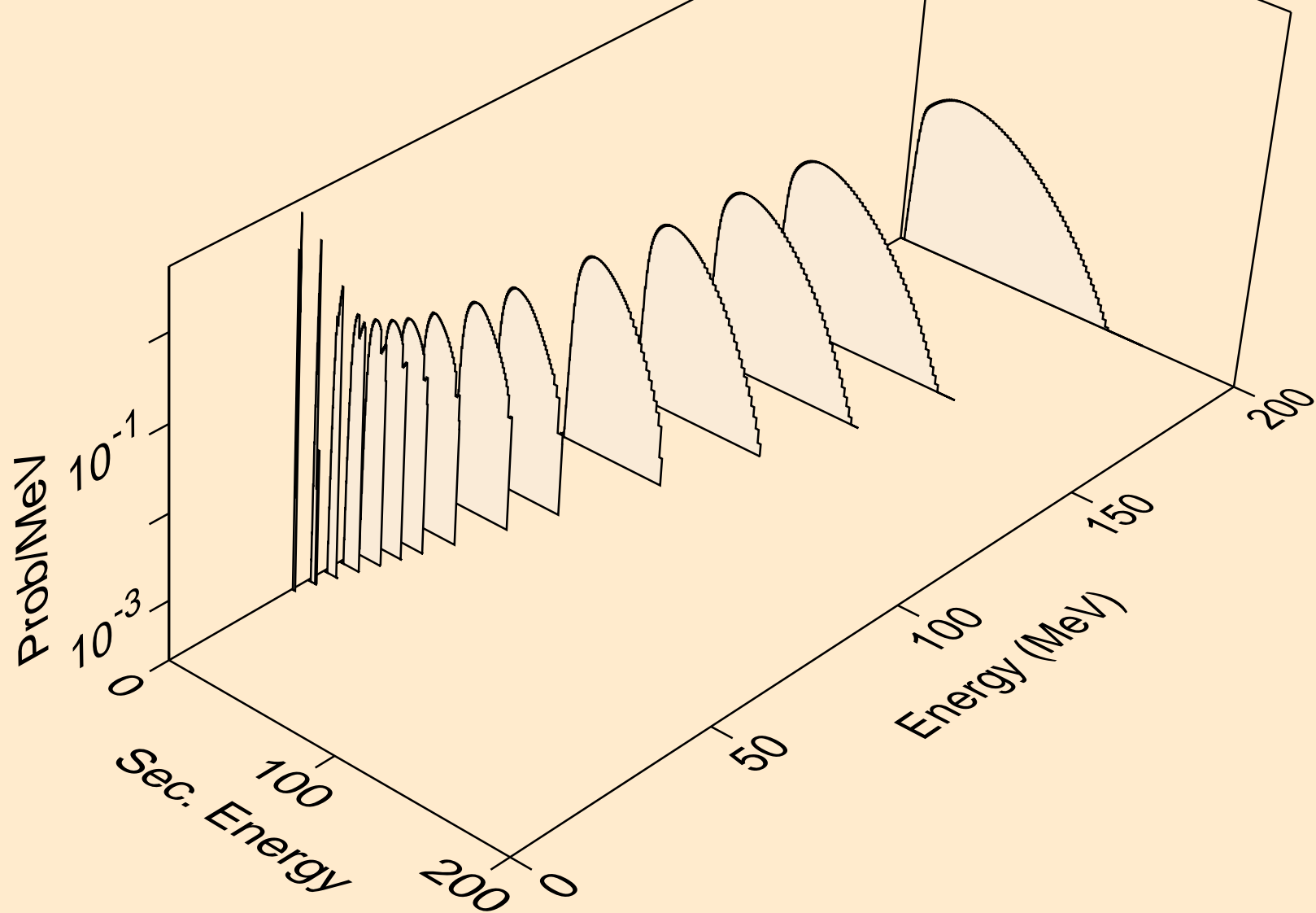


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tritons from (n,t)

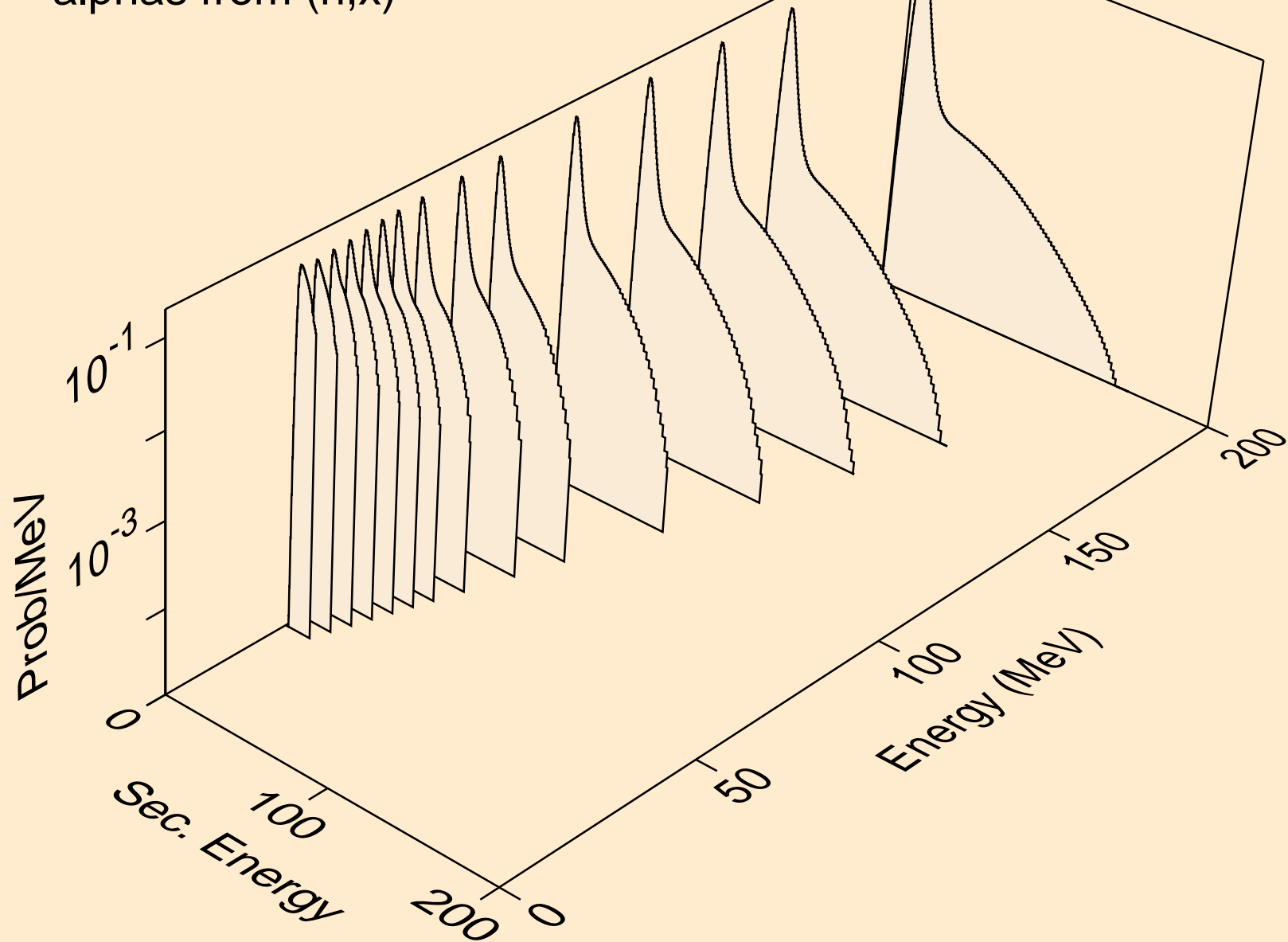




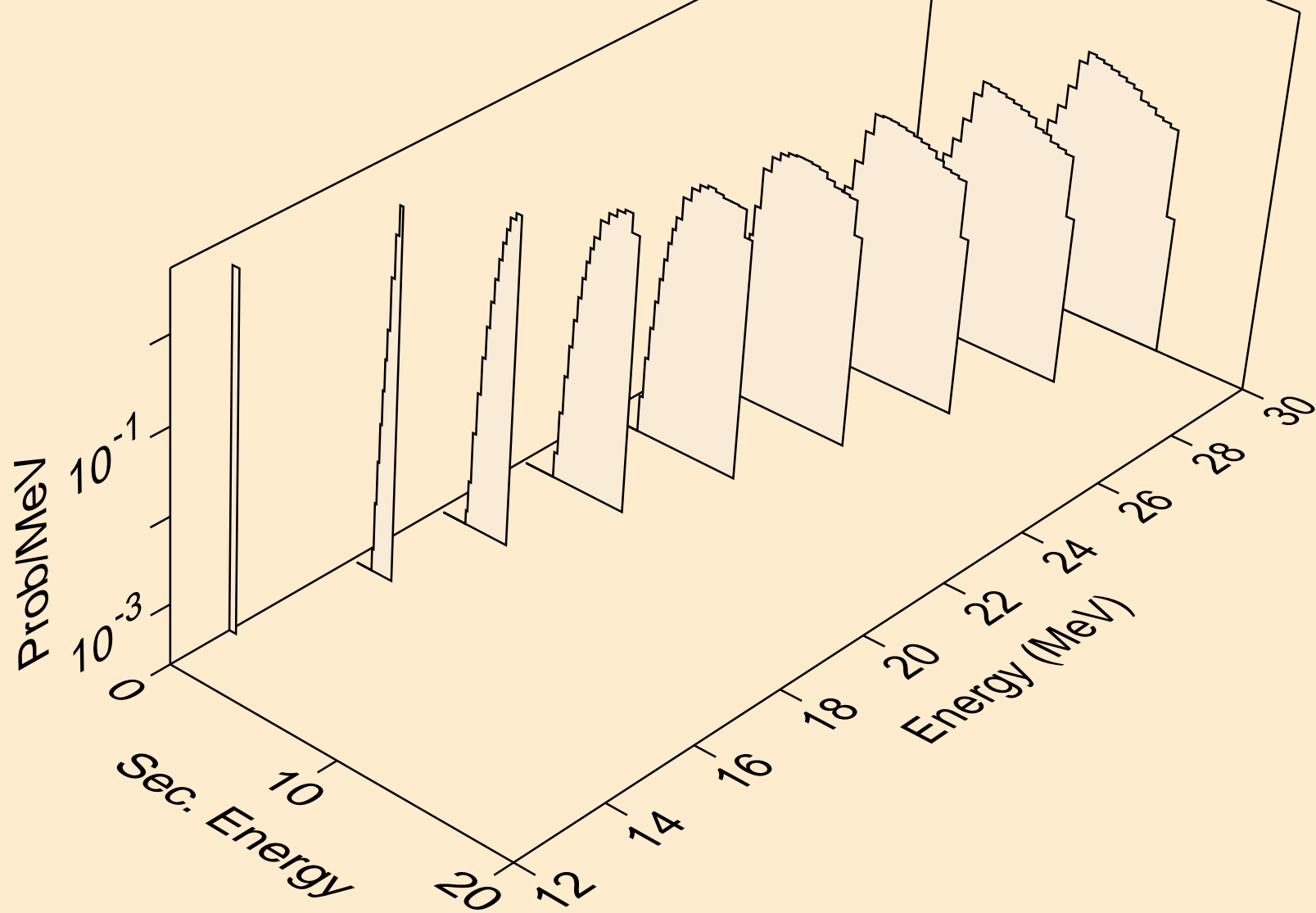
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he3s from (n,x)



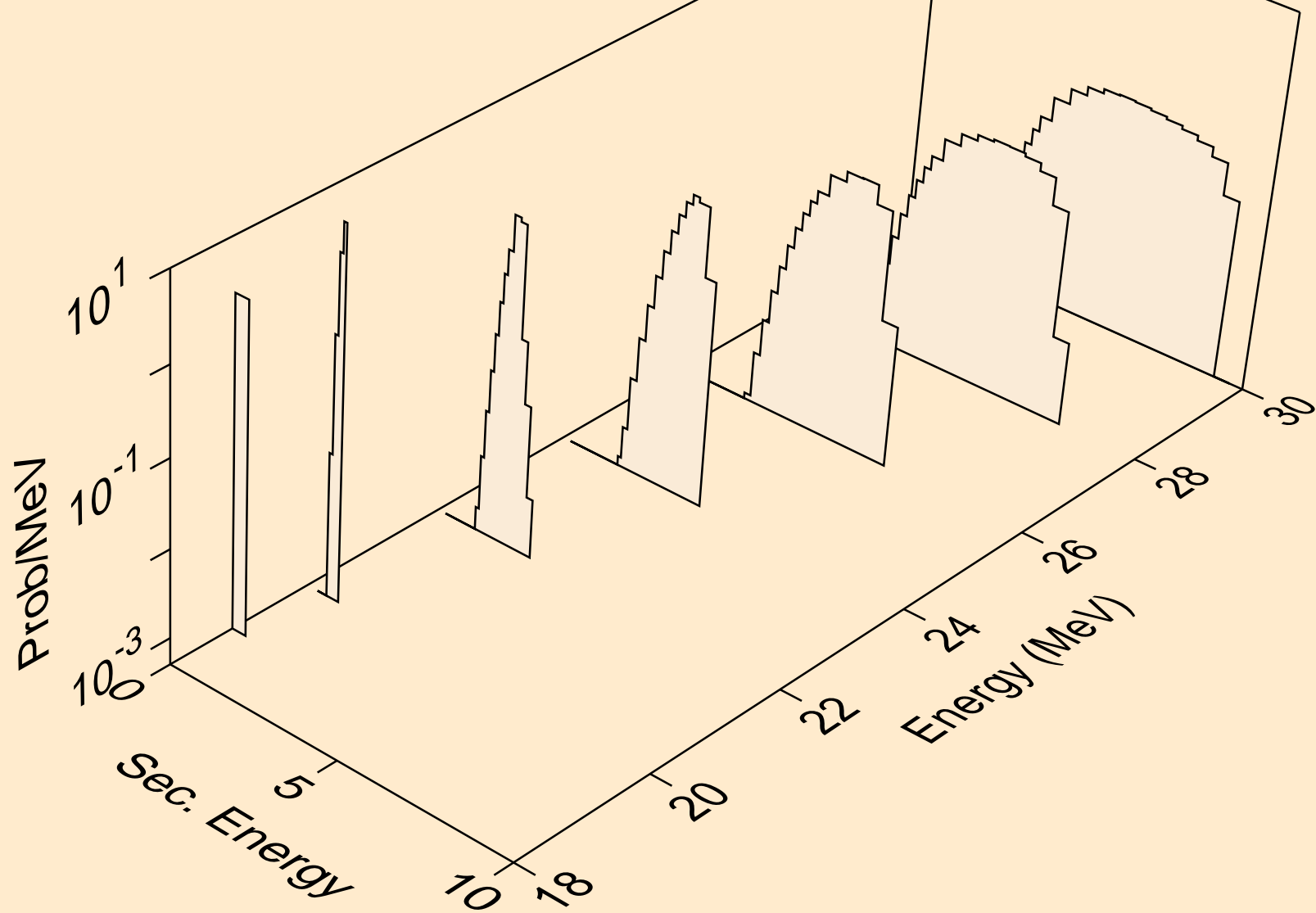
P037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



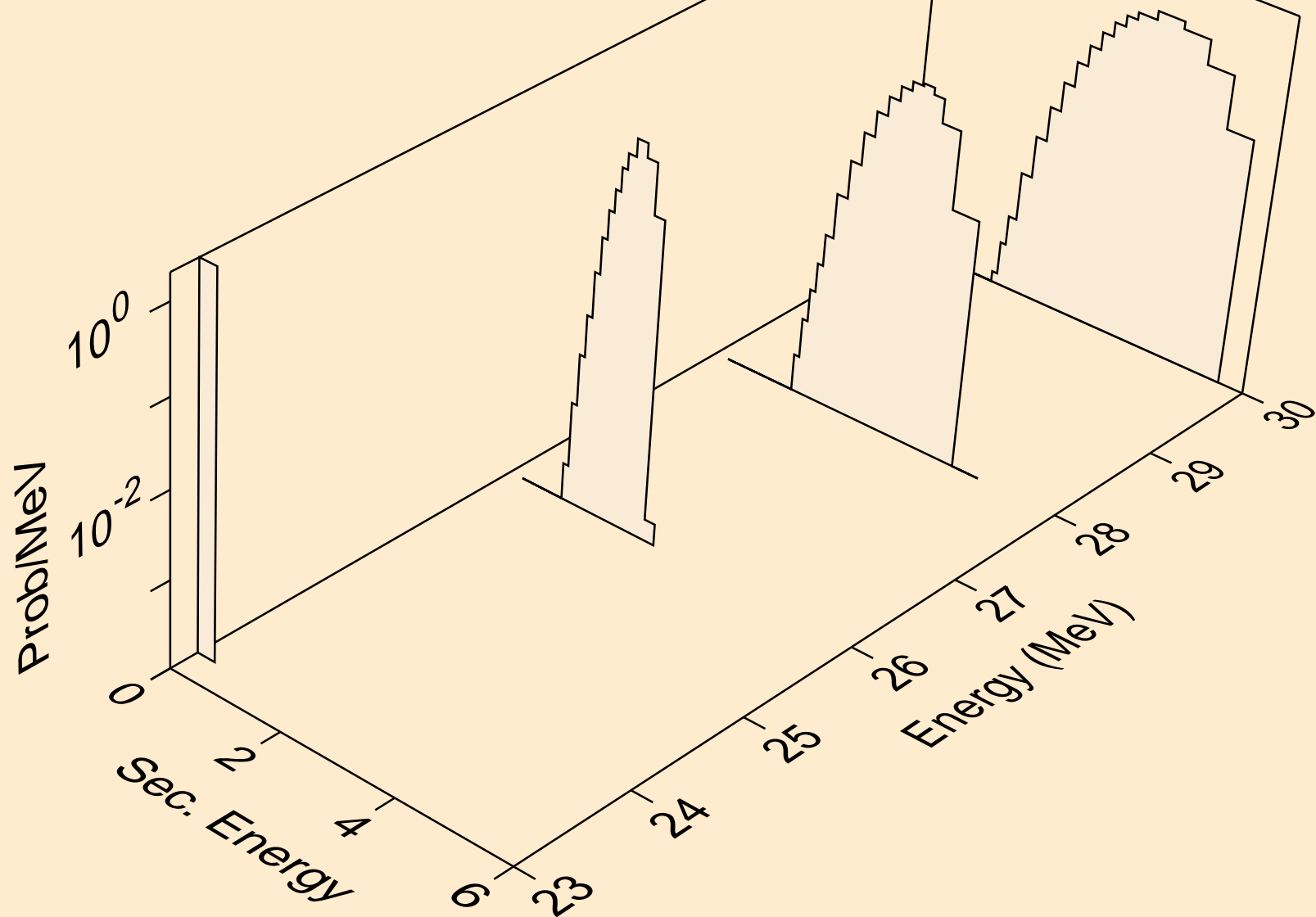
P037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a



P037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a



P037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3n)a



P037 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)

