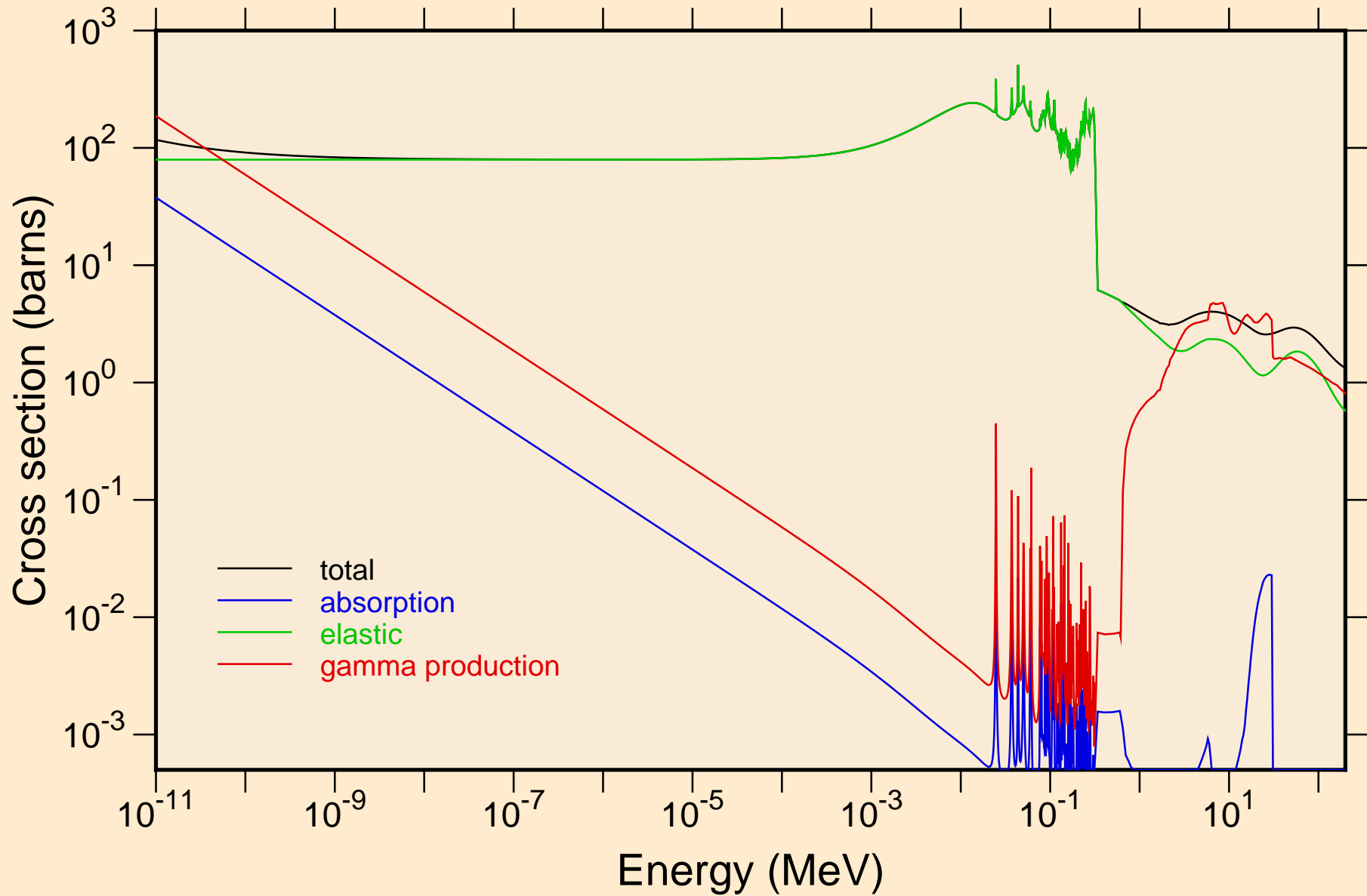
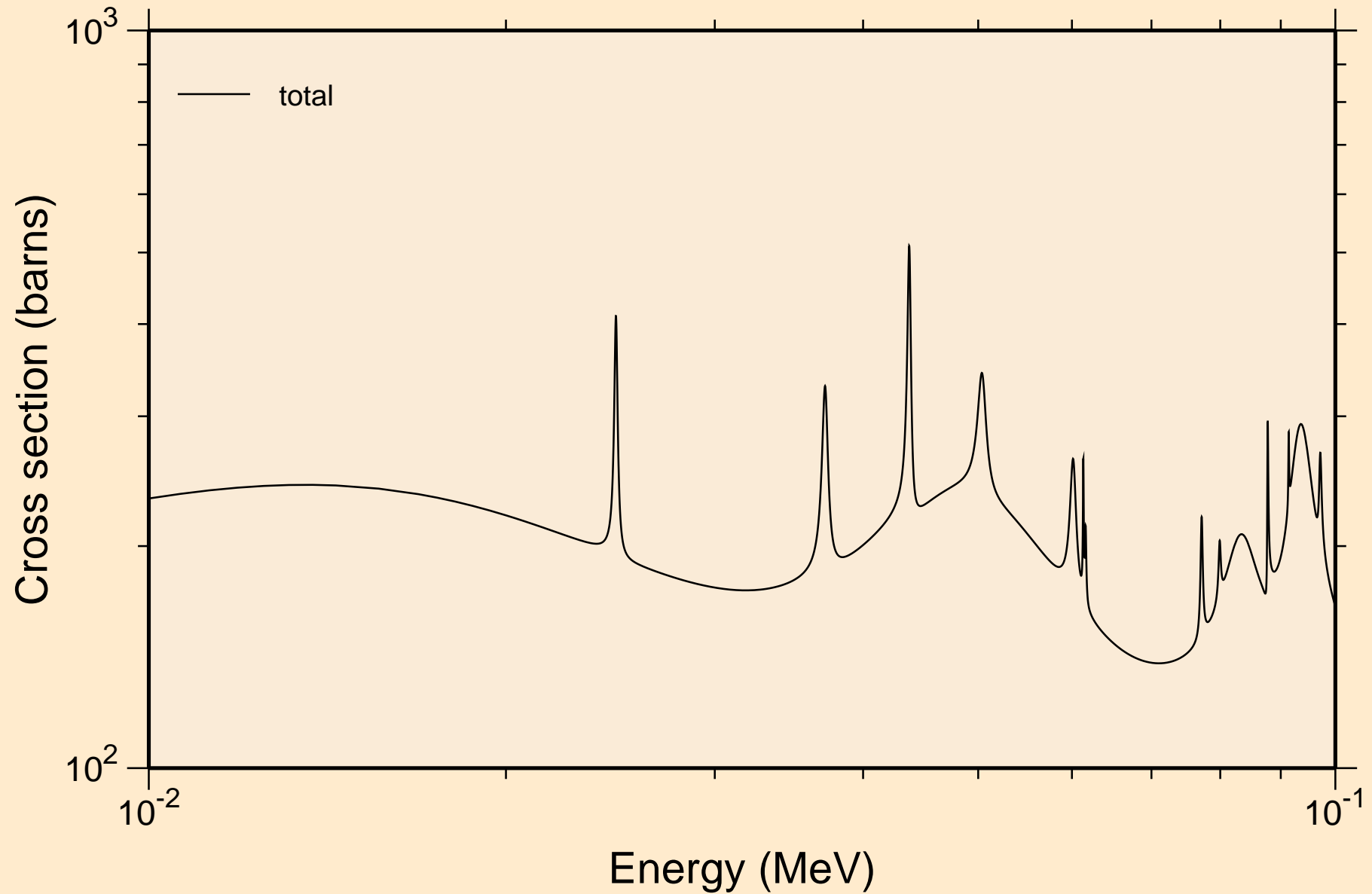


# ZN074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

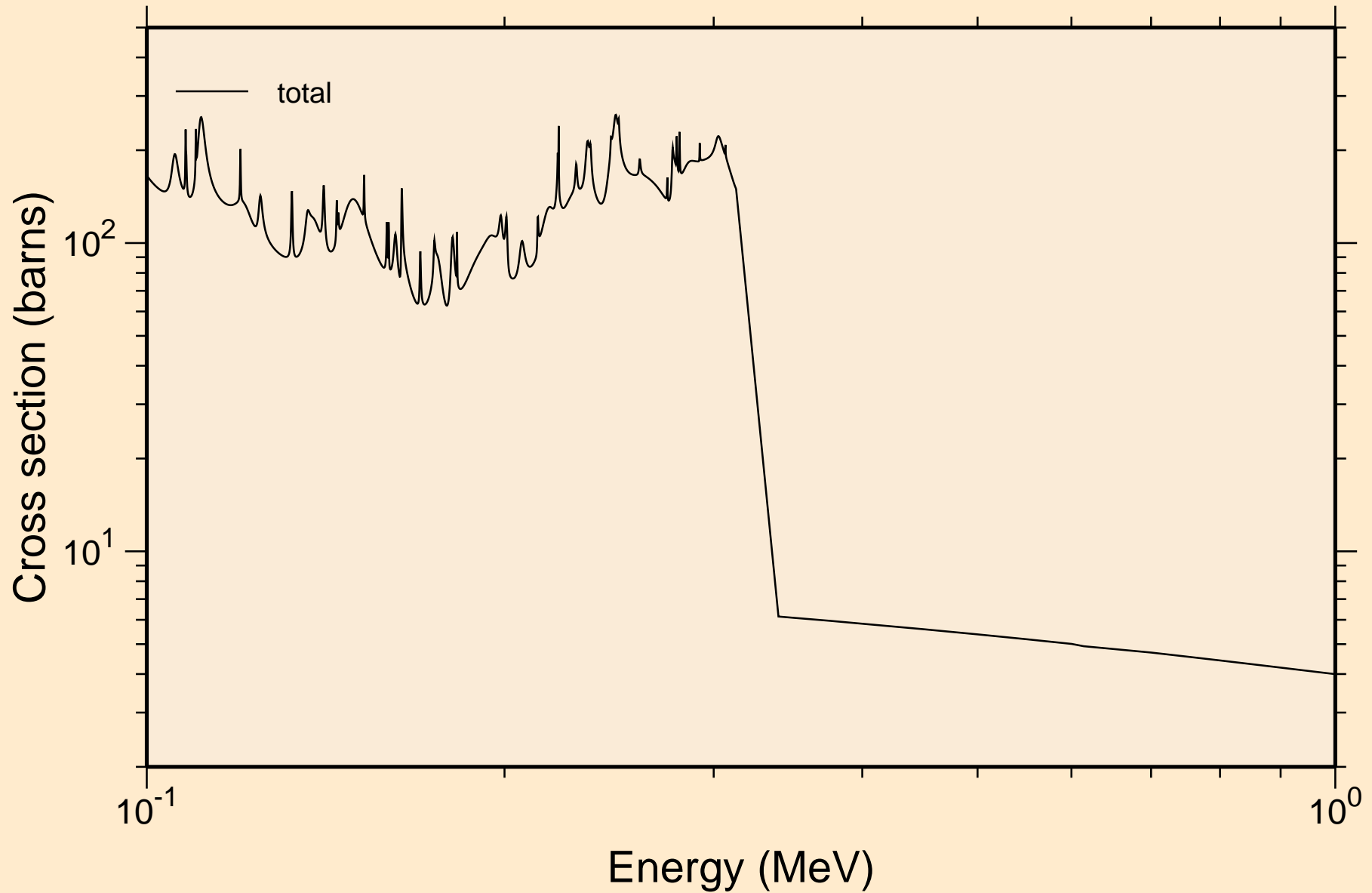
## Principal cross sections



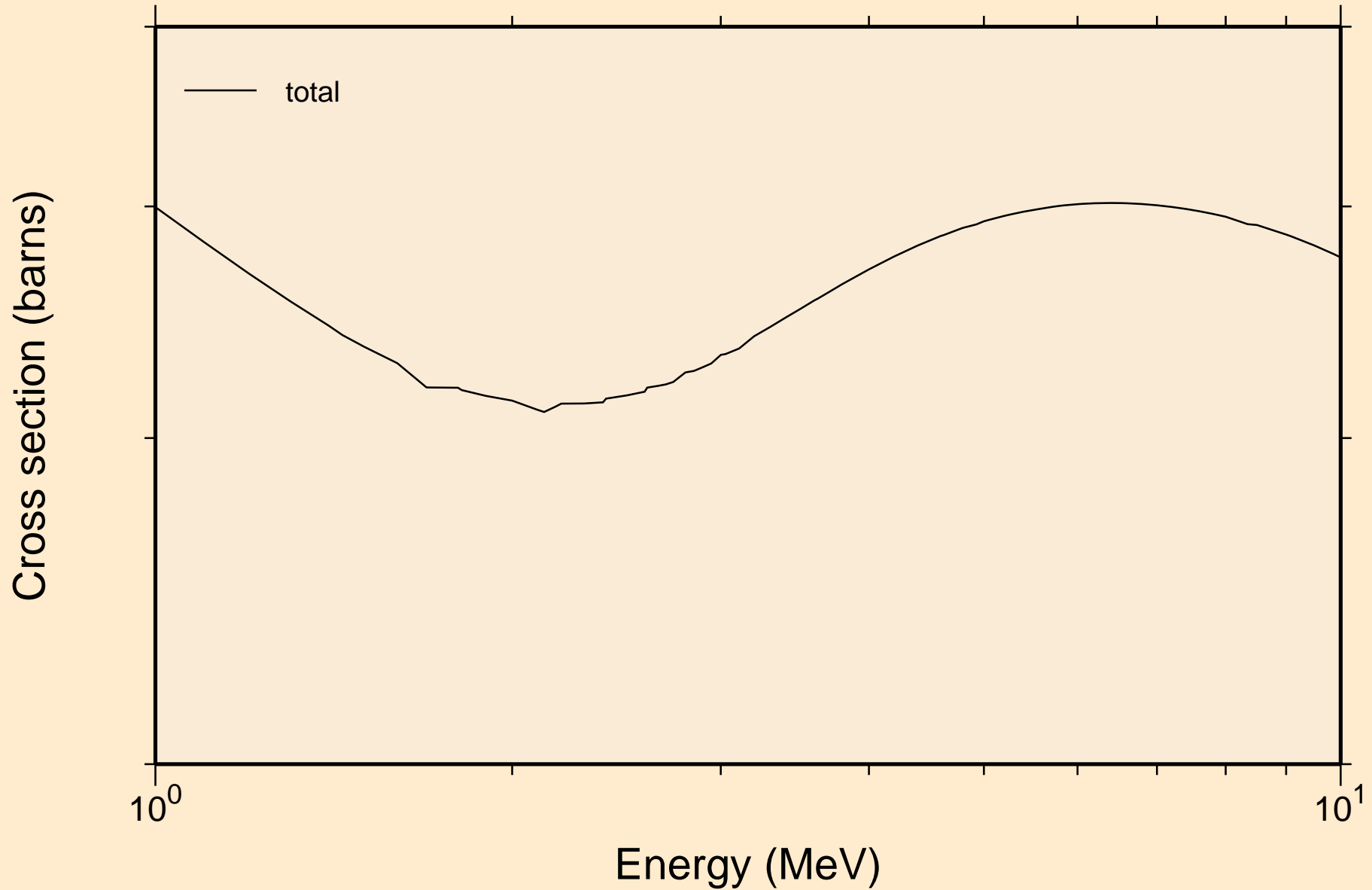
ZN074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



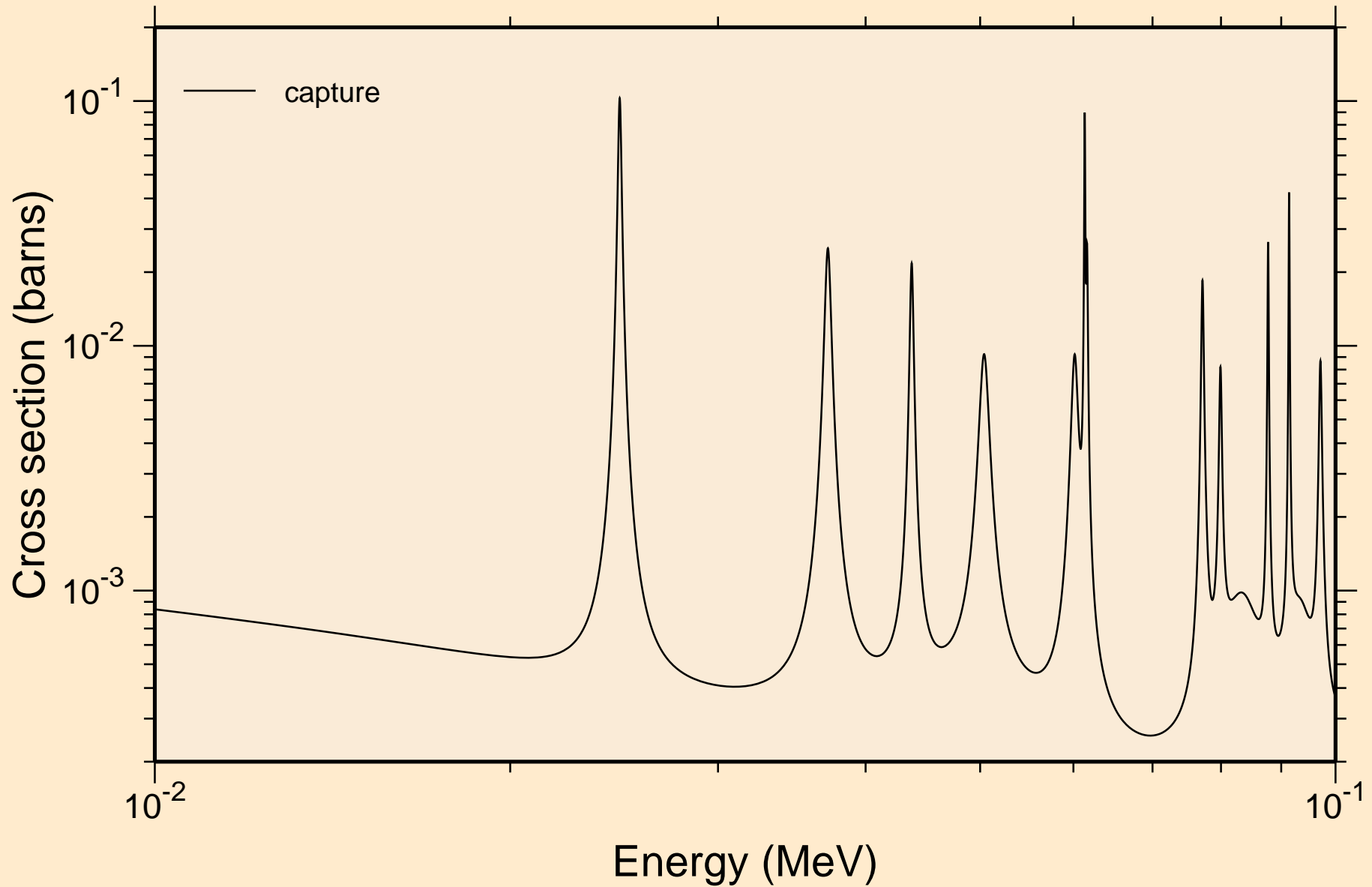
ZN074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



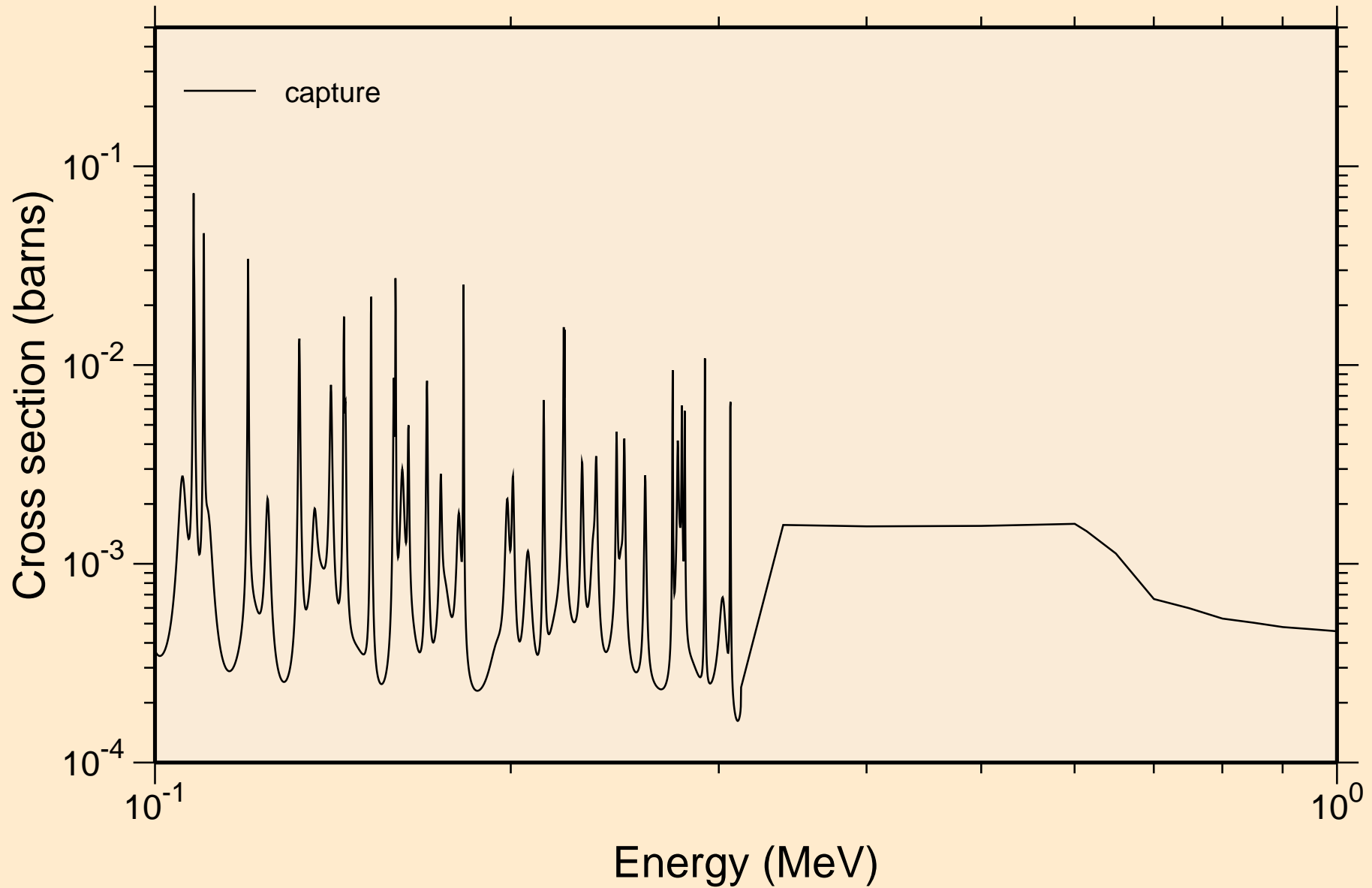
ZN074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



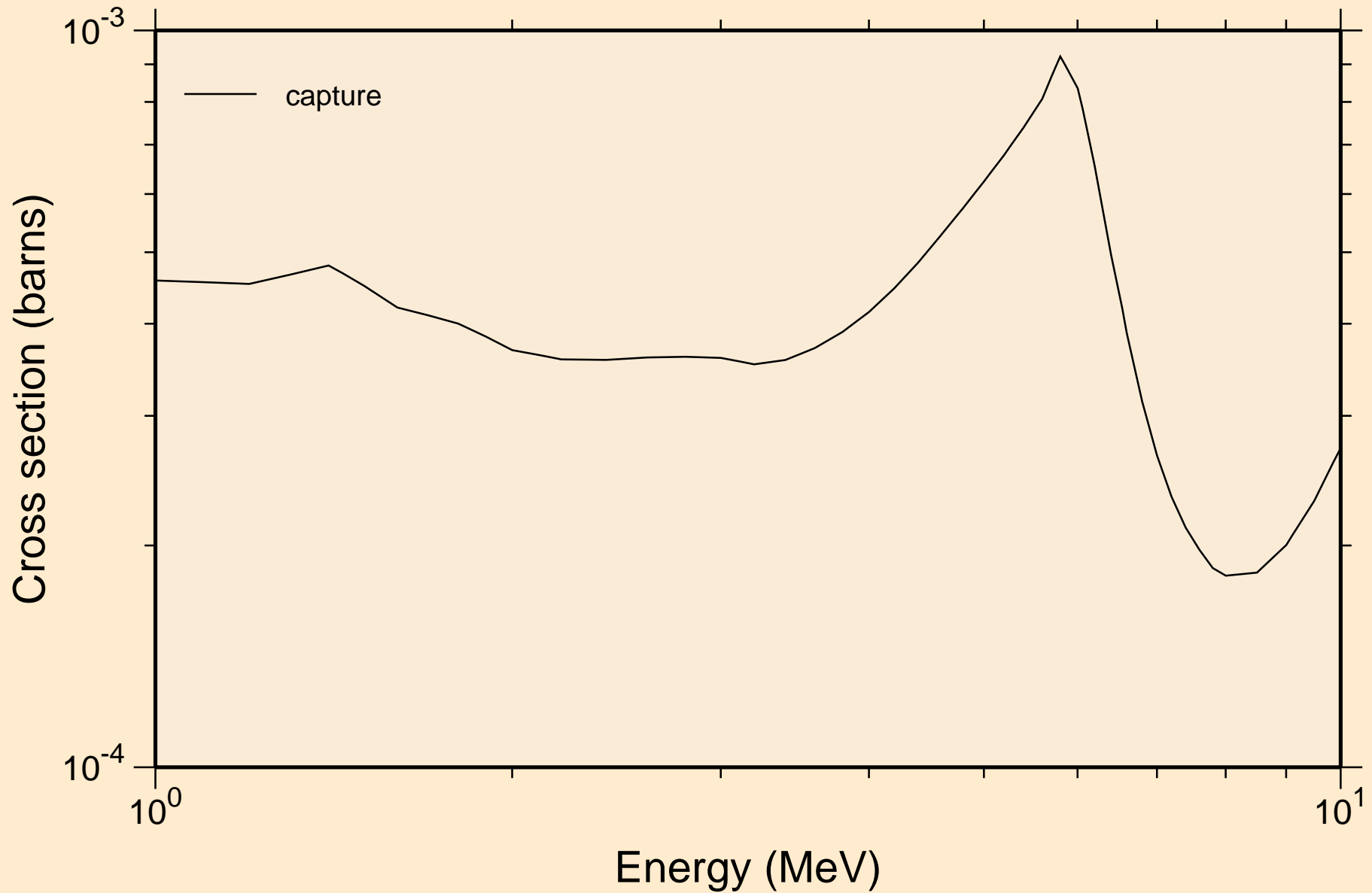
ZN074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



ZN074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

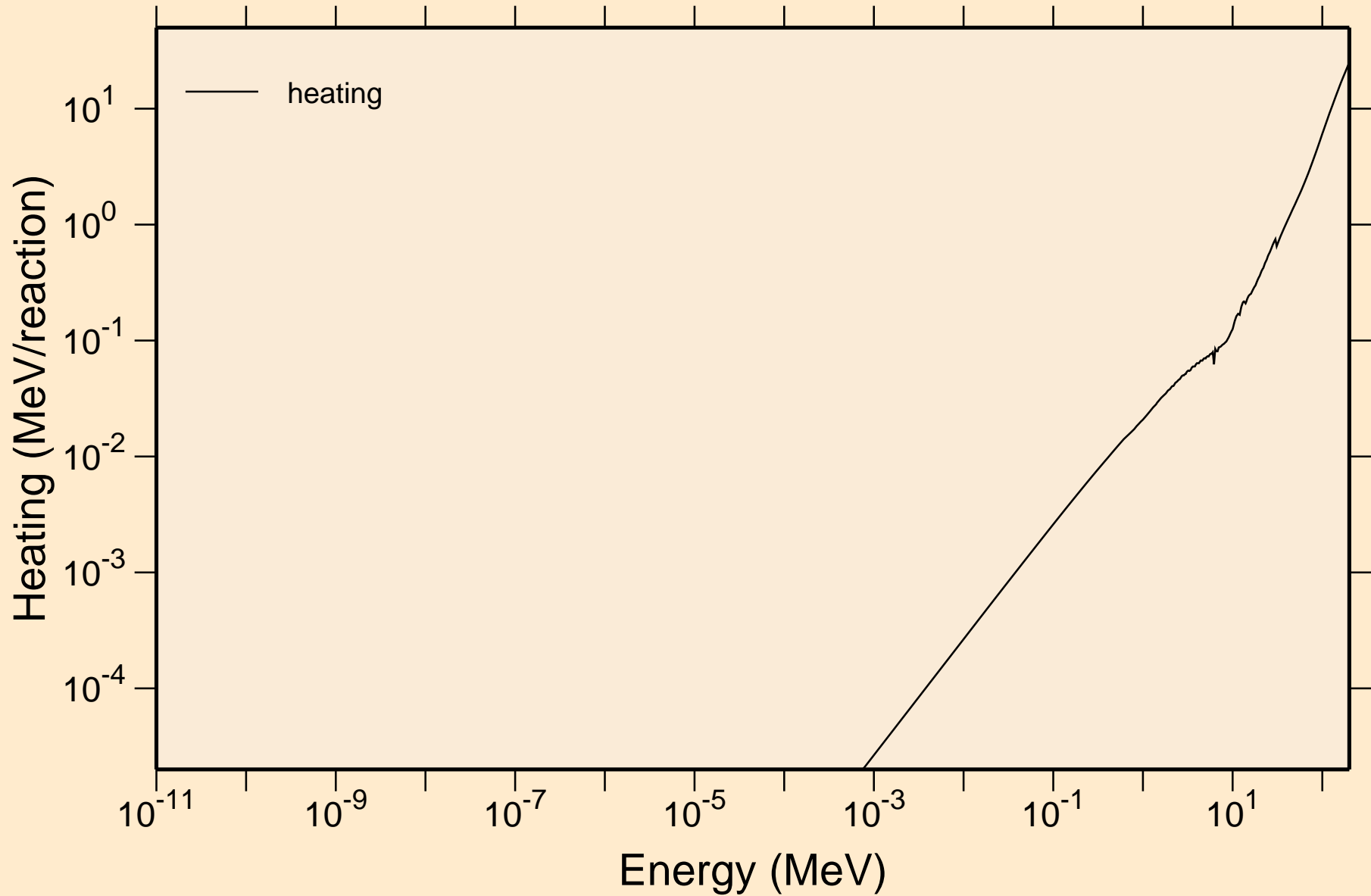


ZN074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



# ZN074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

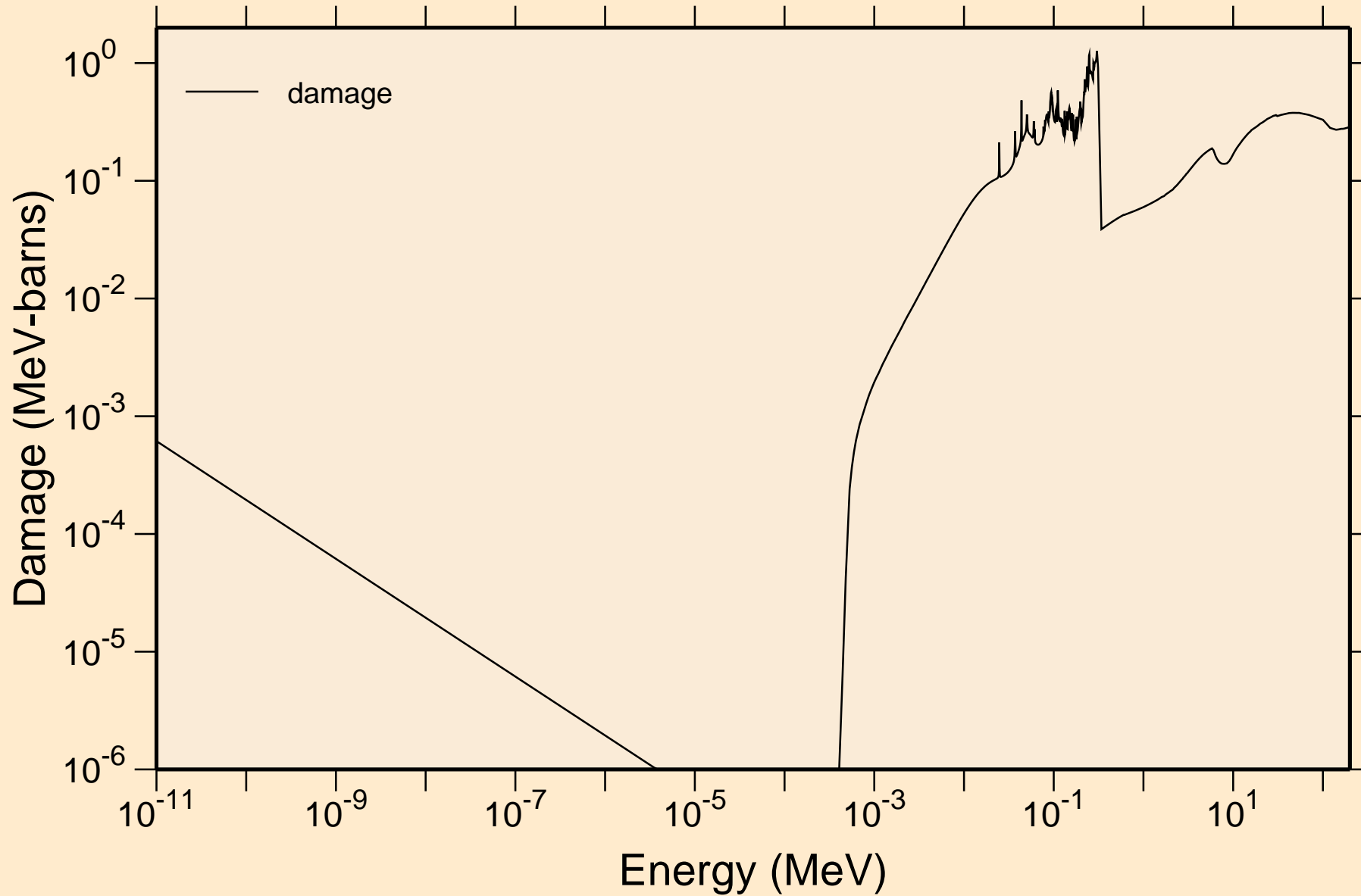
## Heating



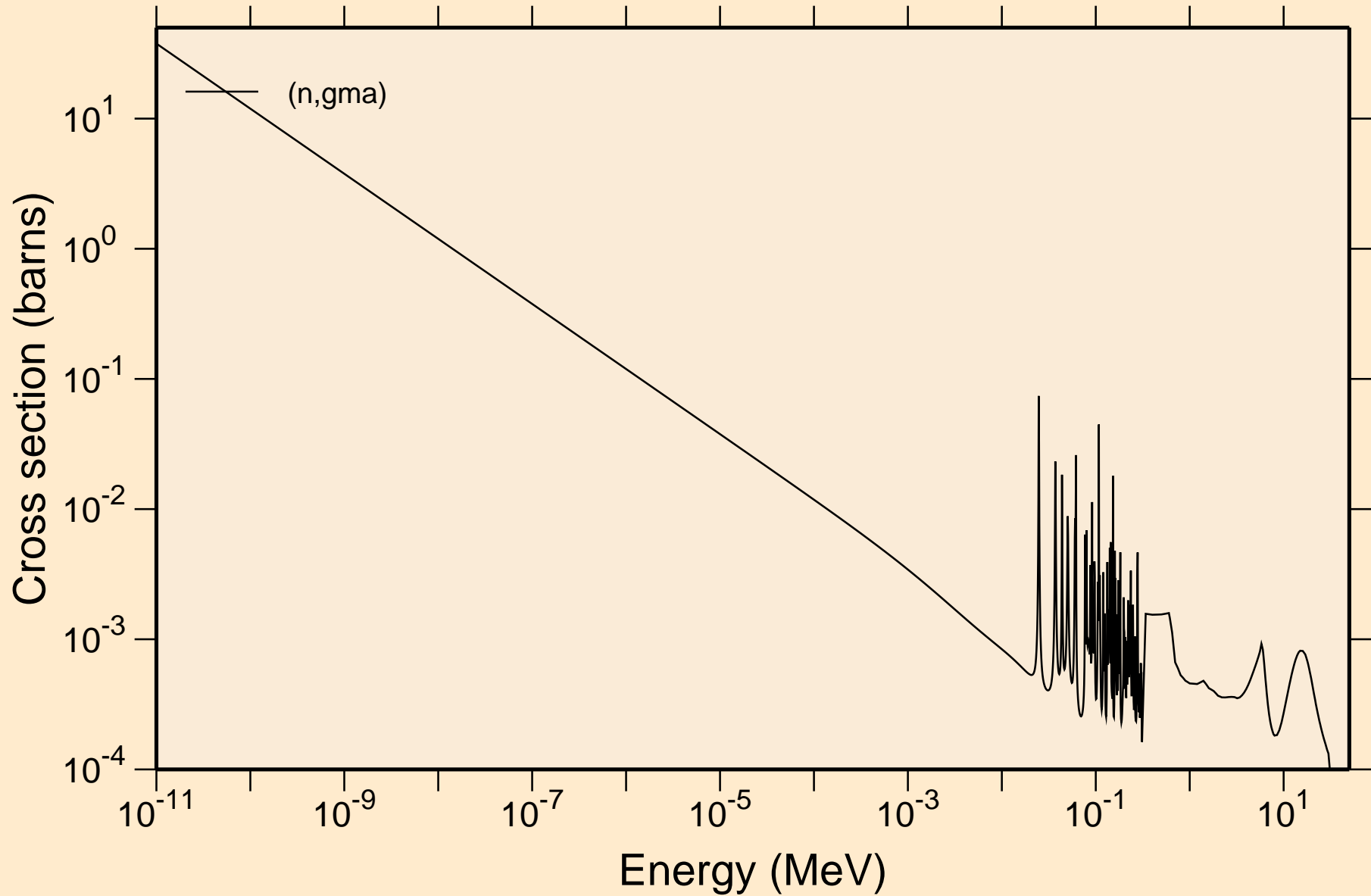


# ZN074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Damage

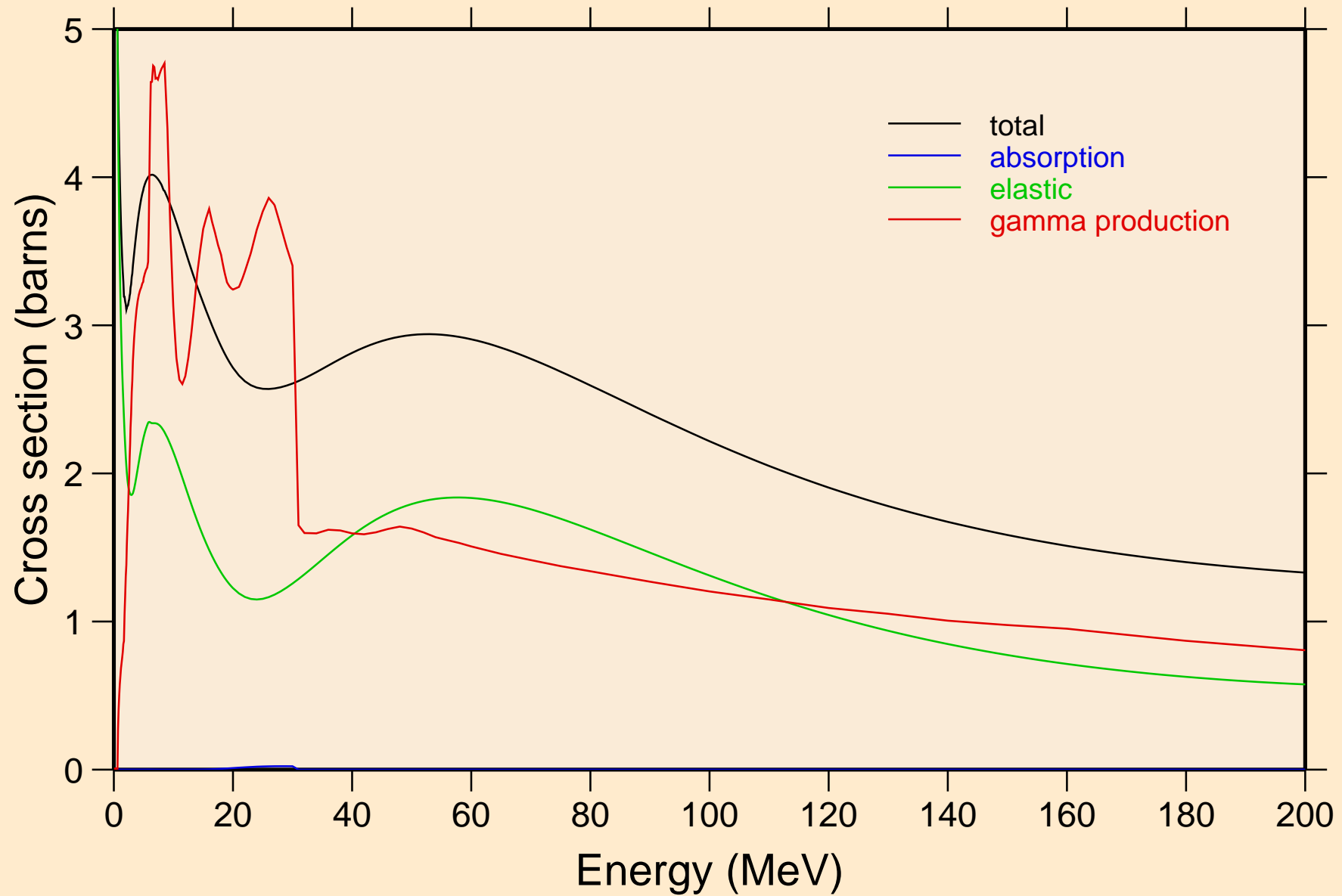


ZN074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



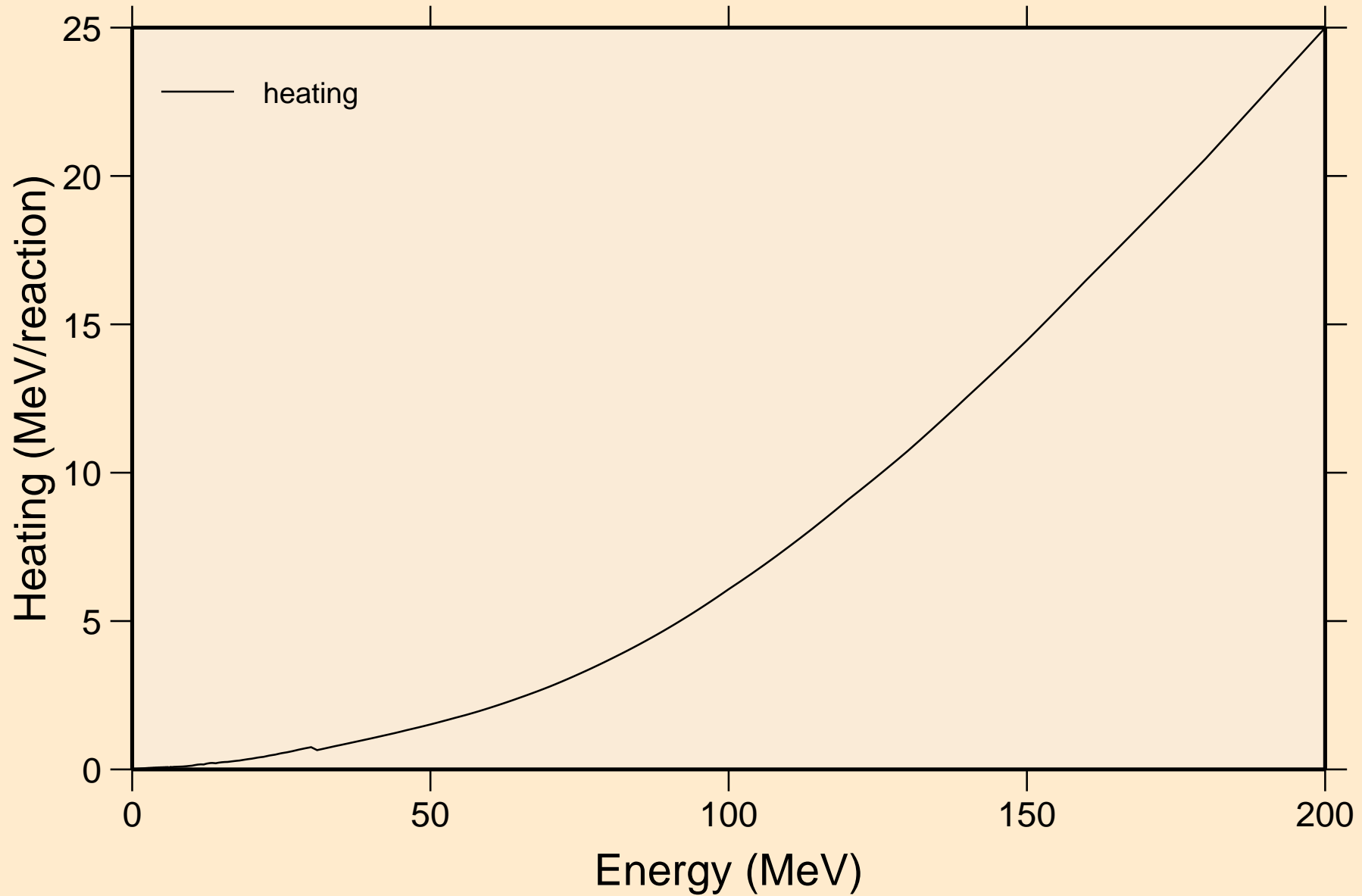
# ZN074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



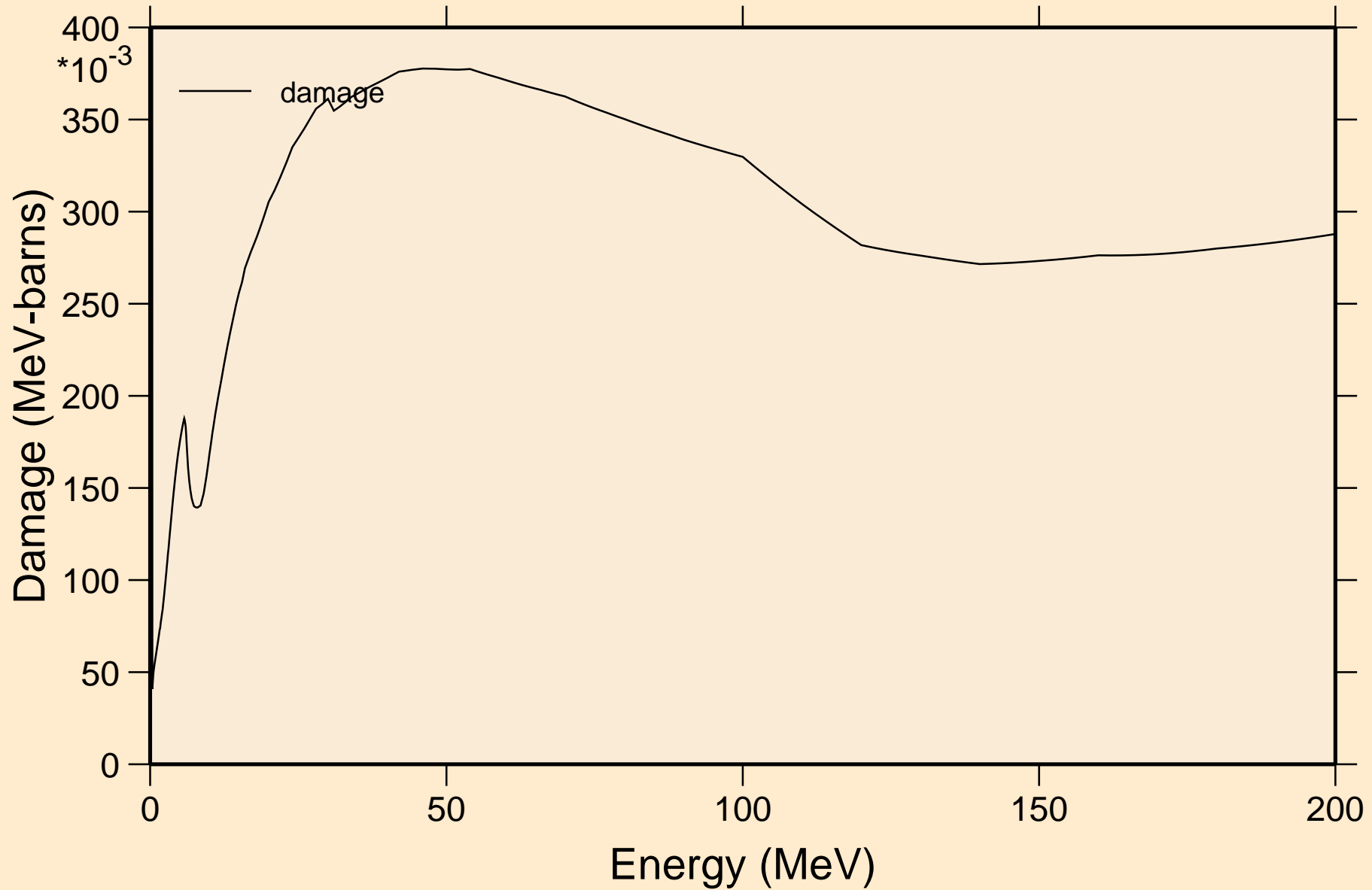
# ZN074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

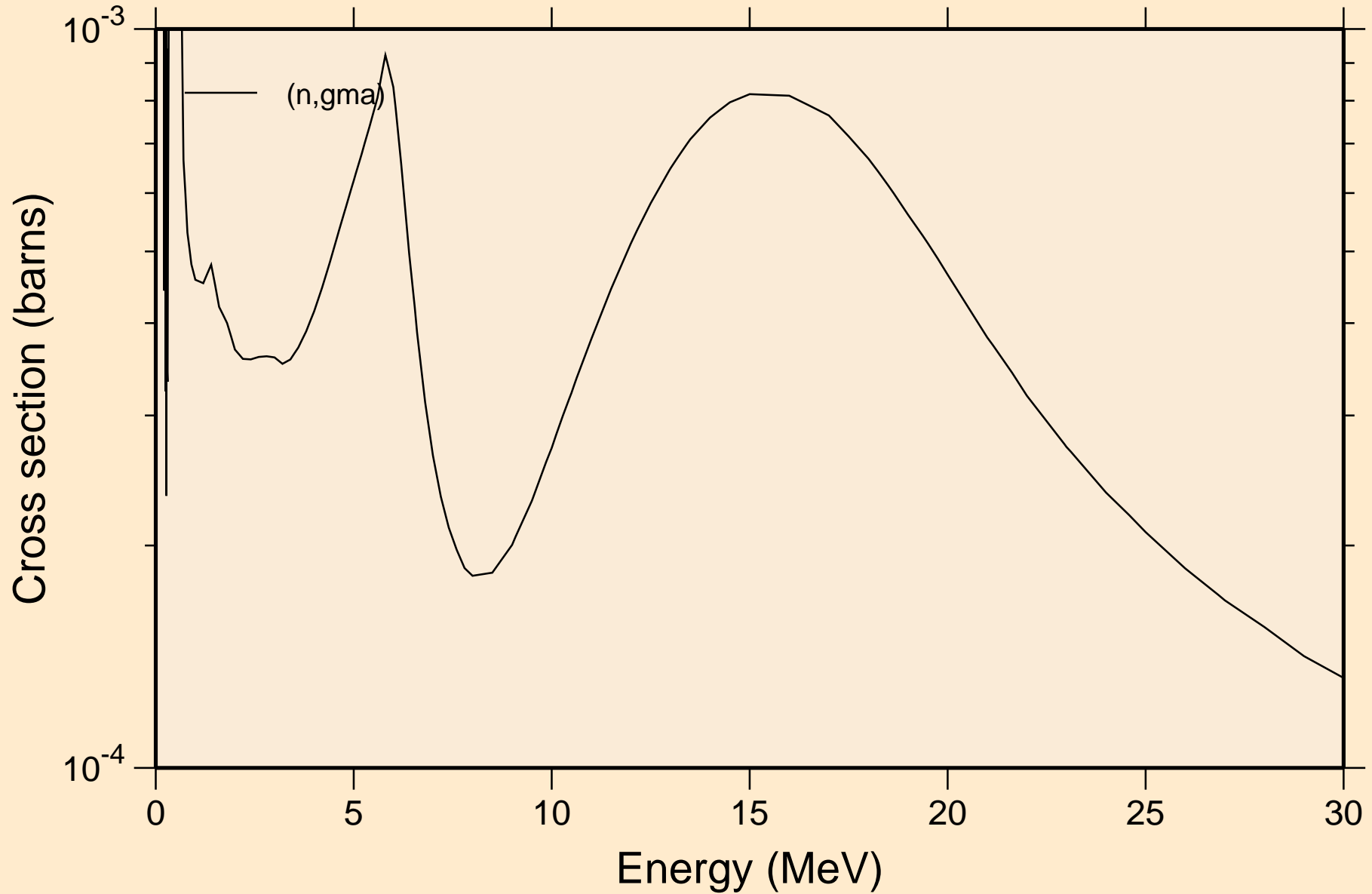


# ZN074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Damage

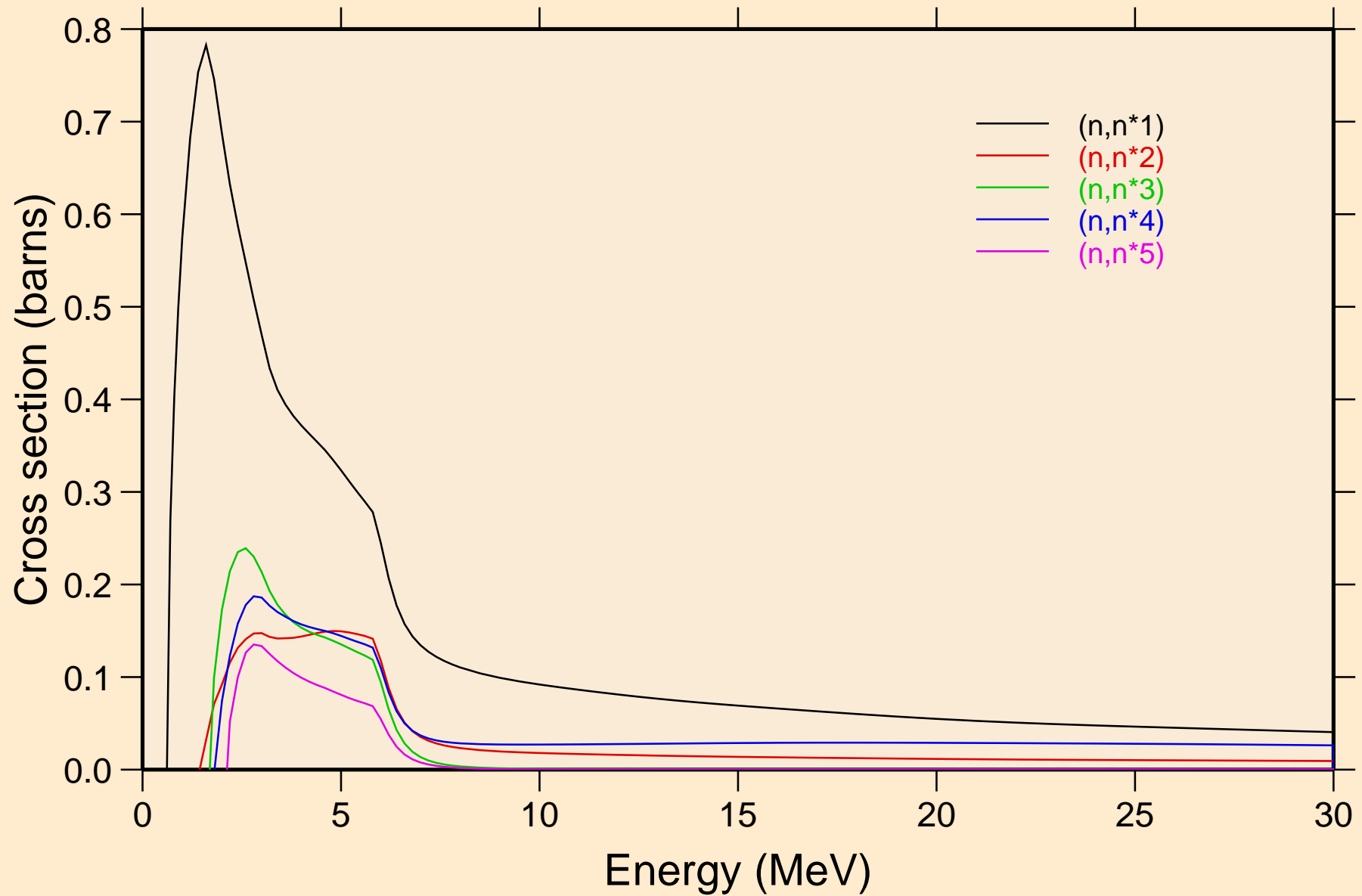


ZN074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

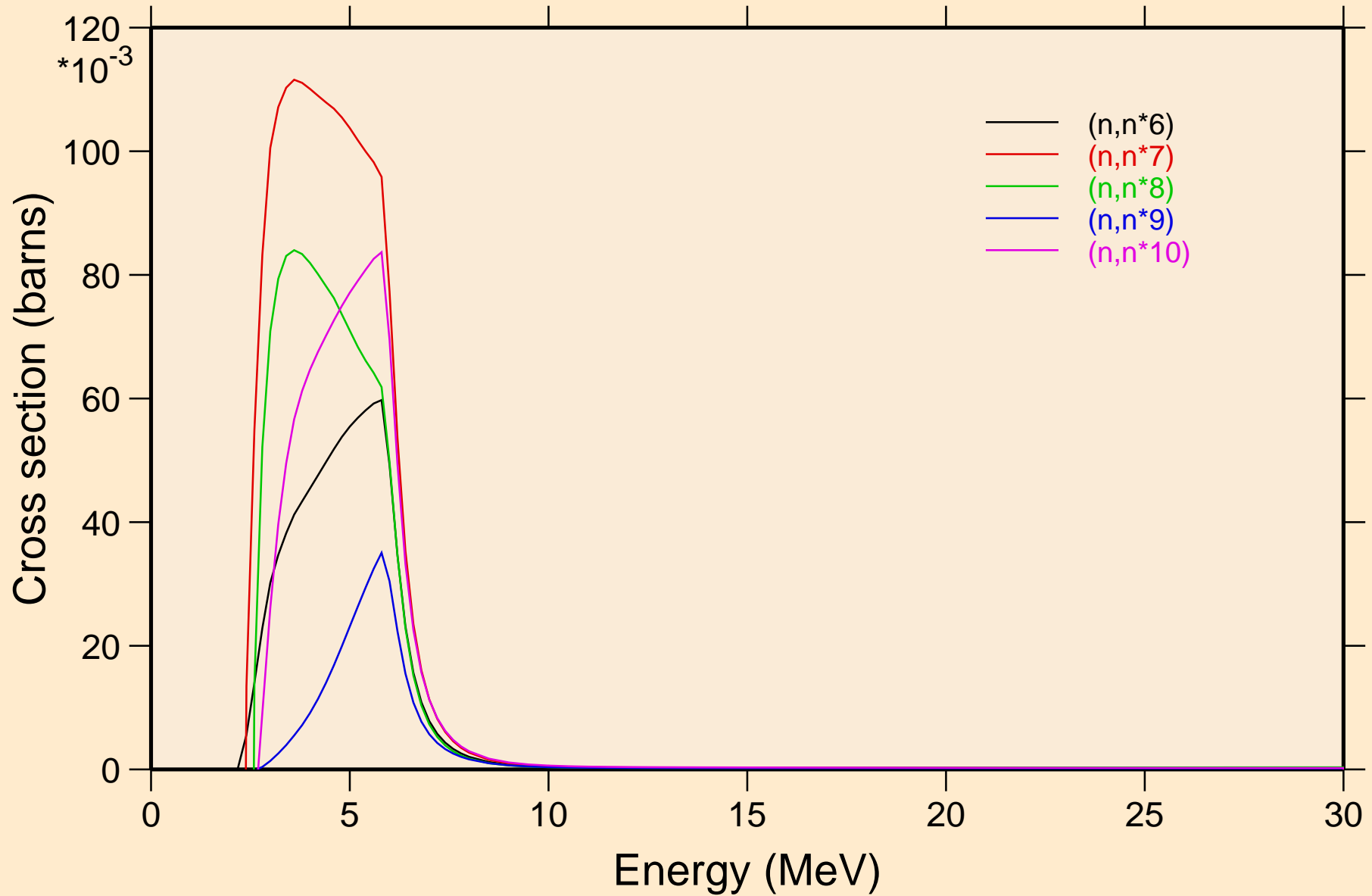


# ZN074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Inelastic levels

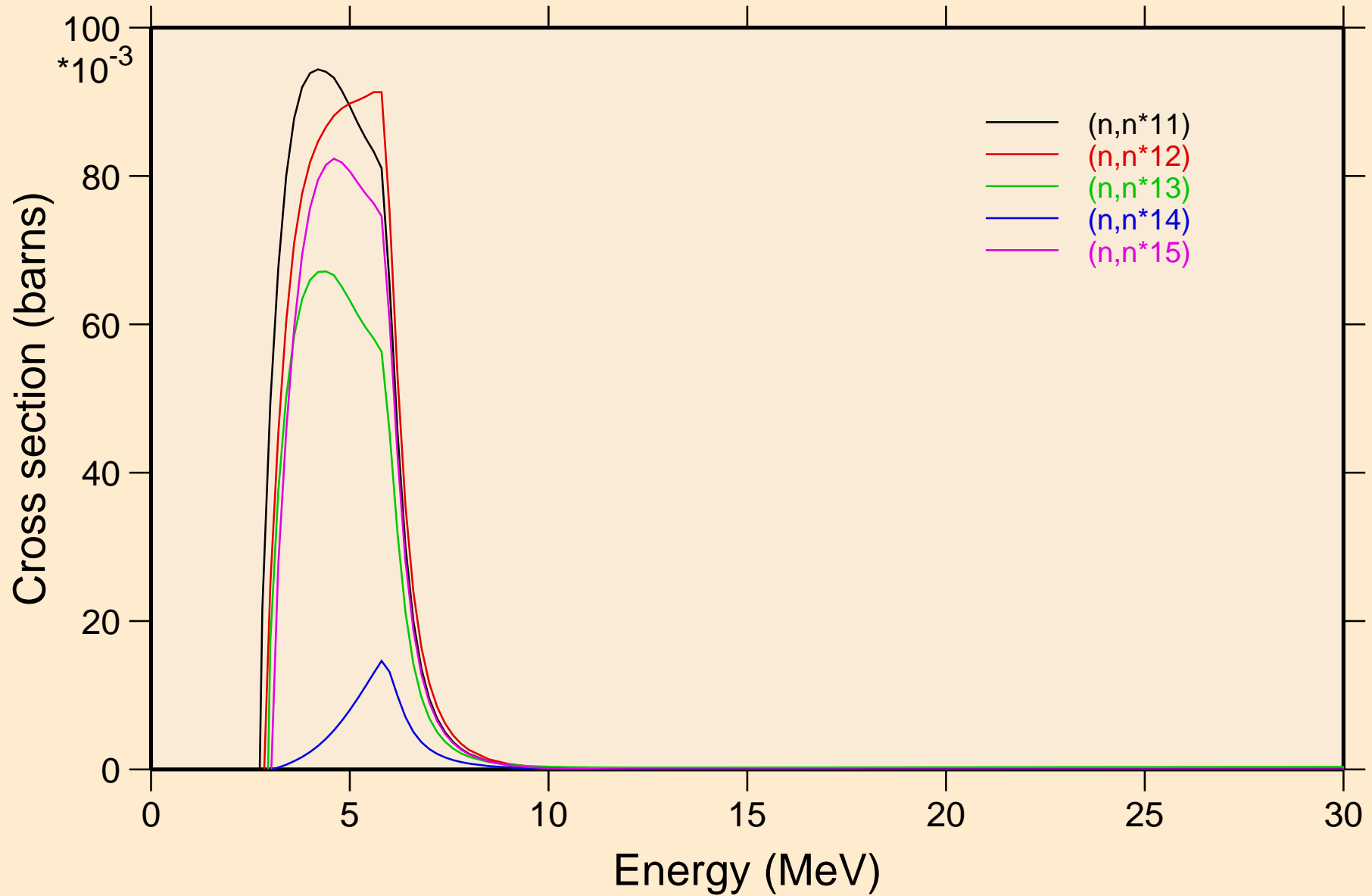


ZN074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

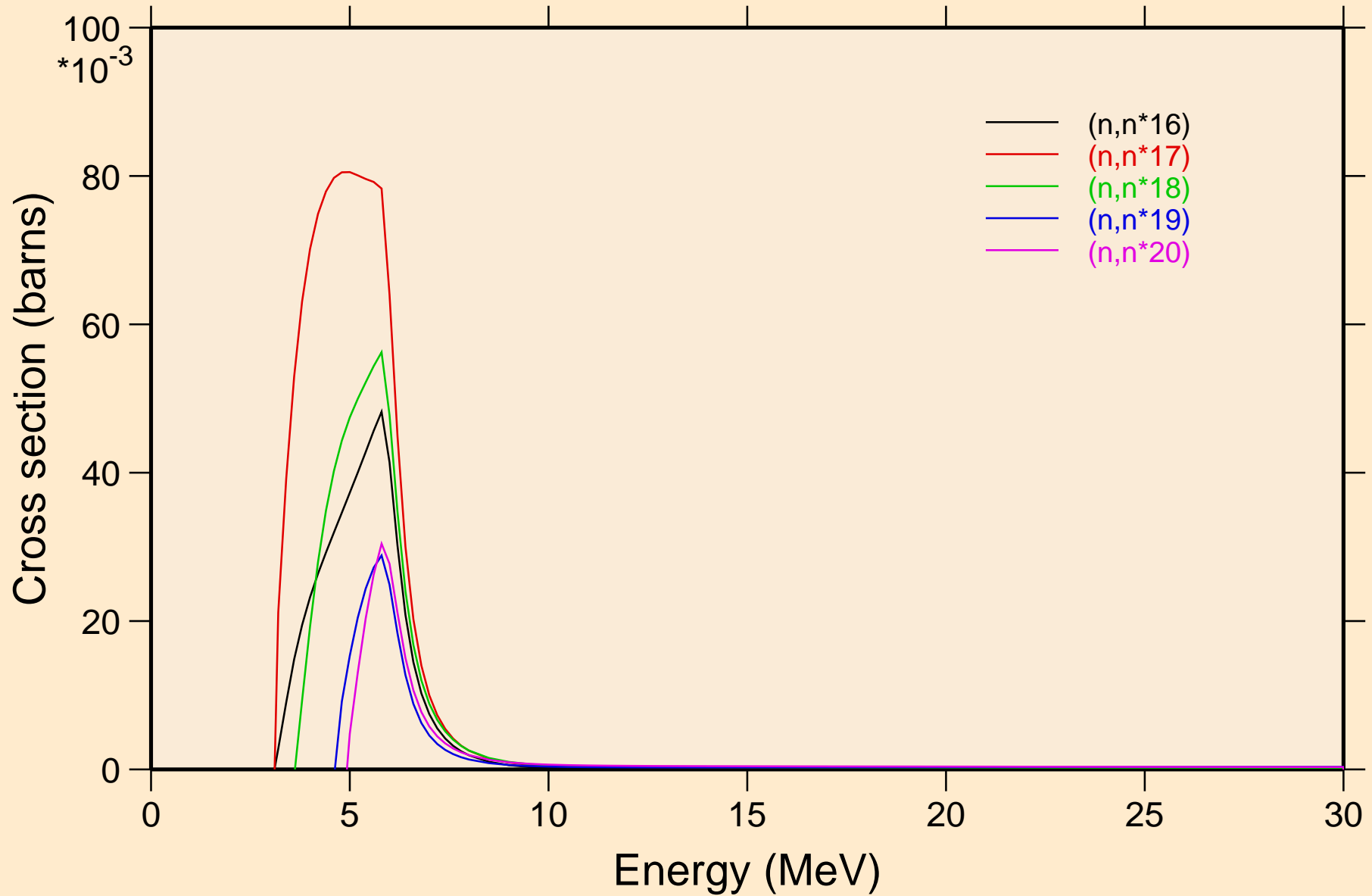




ZN074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

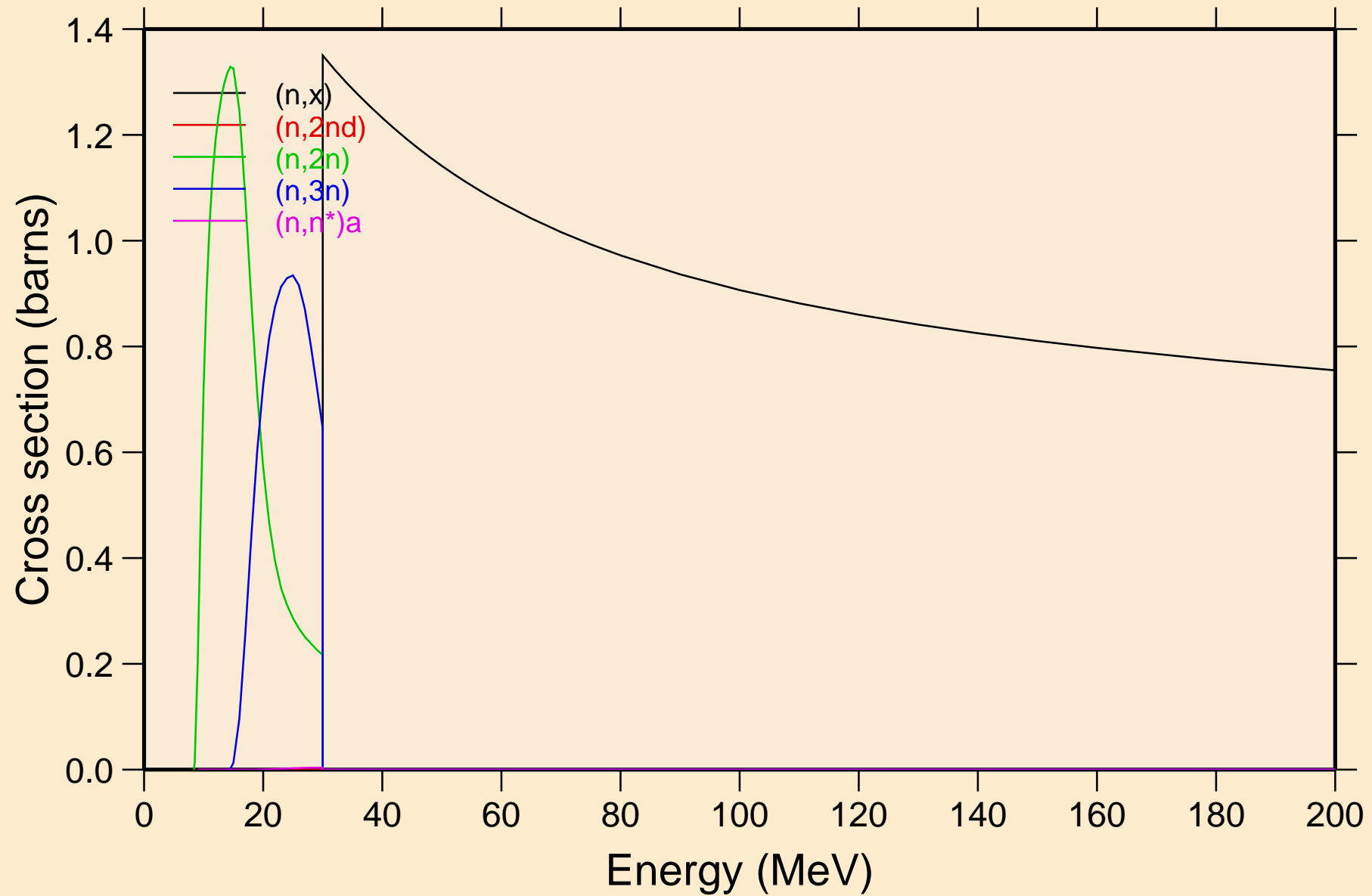


ZN074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



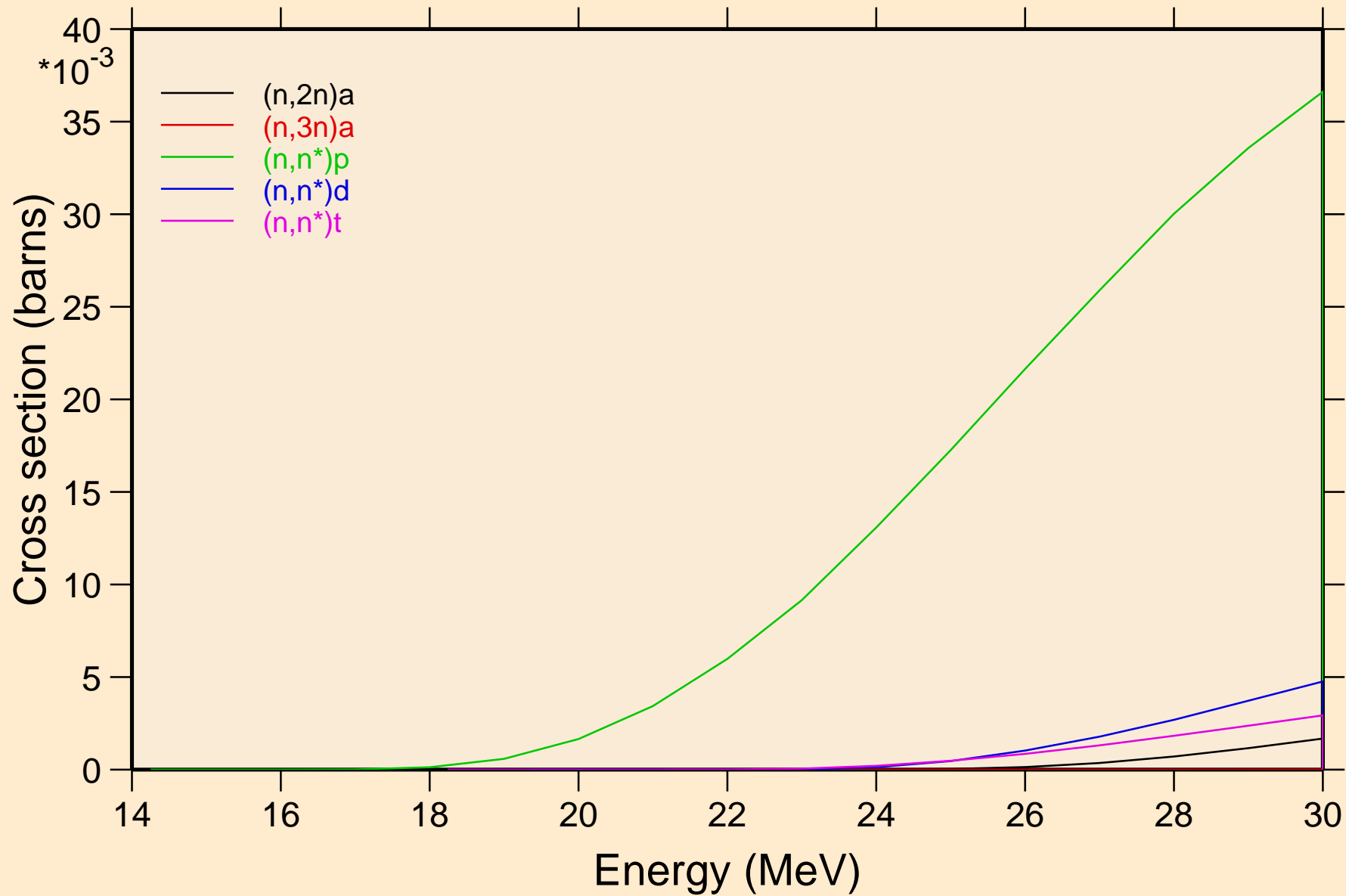
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## Threshold reactions

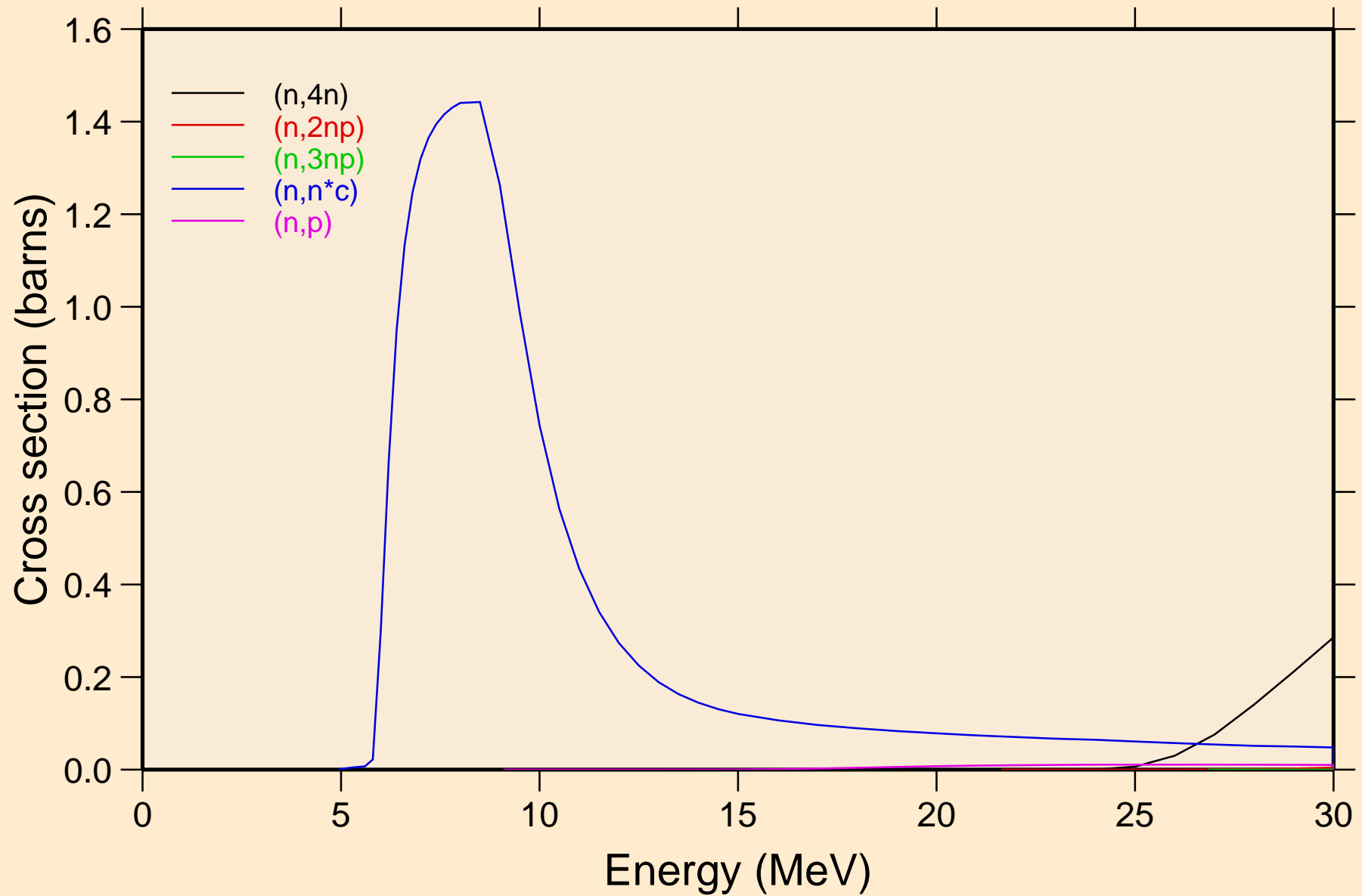


# ZN074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

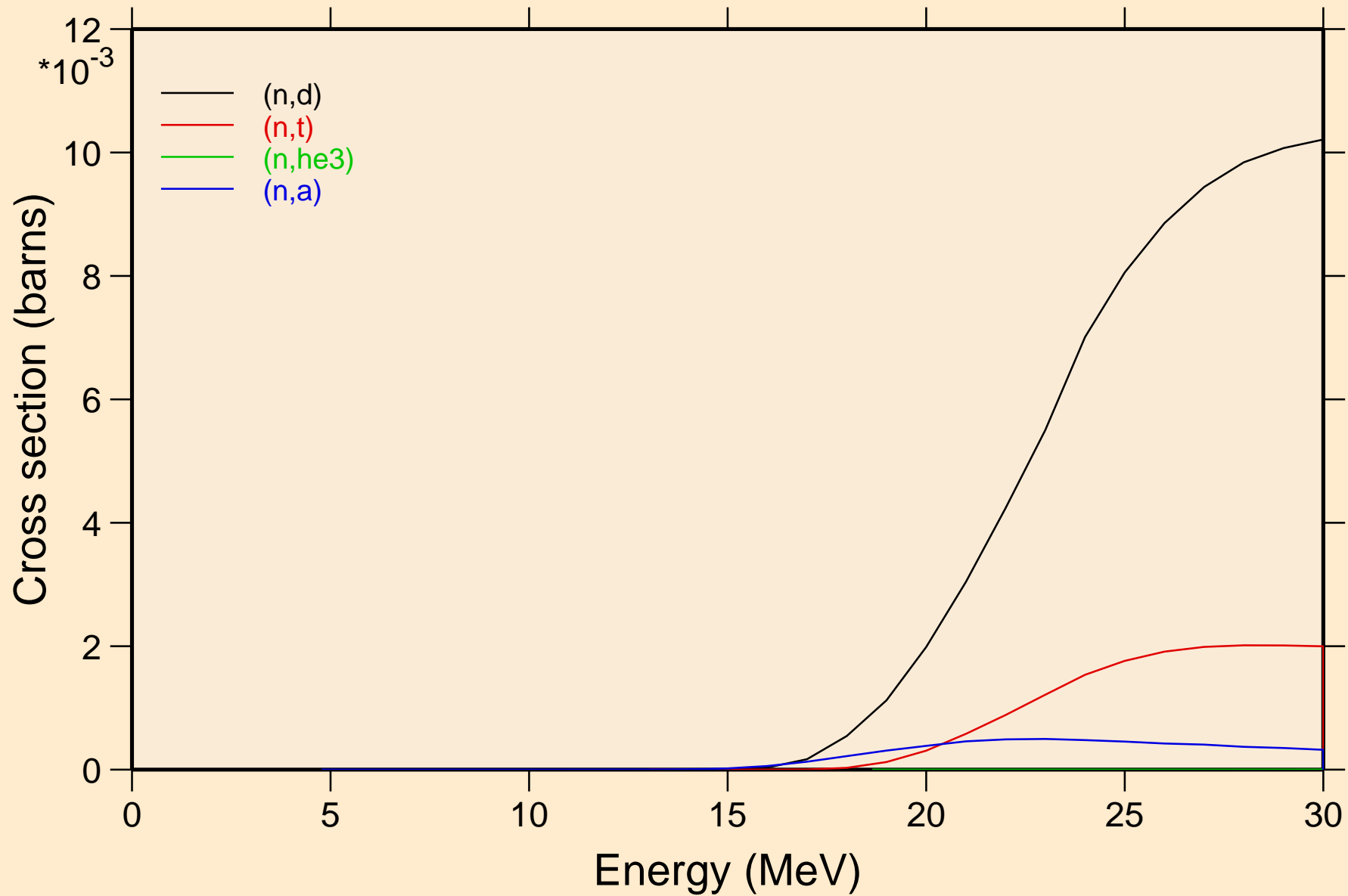
## Threshold reactions



ZN074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

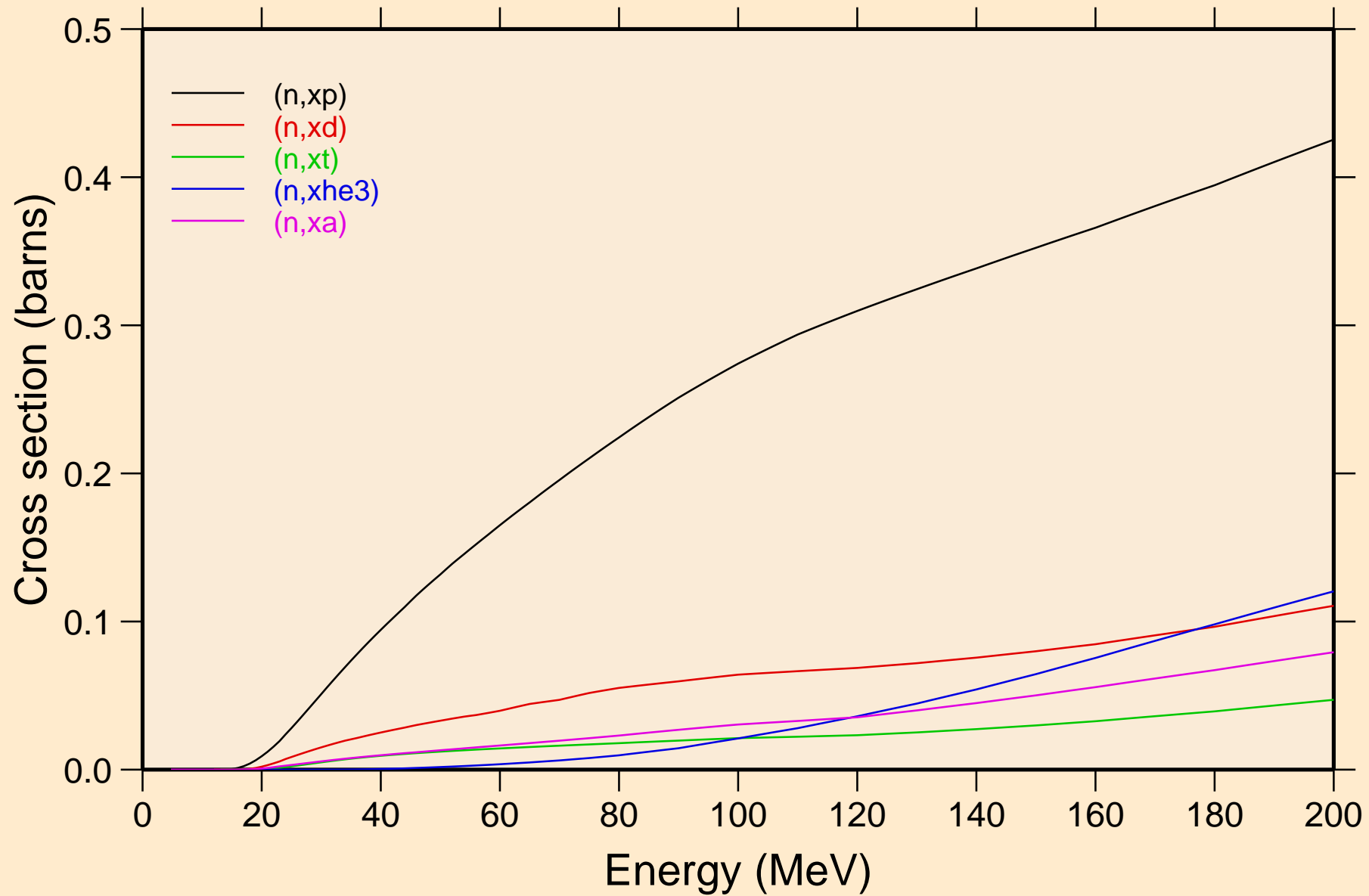


ZN074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

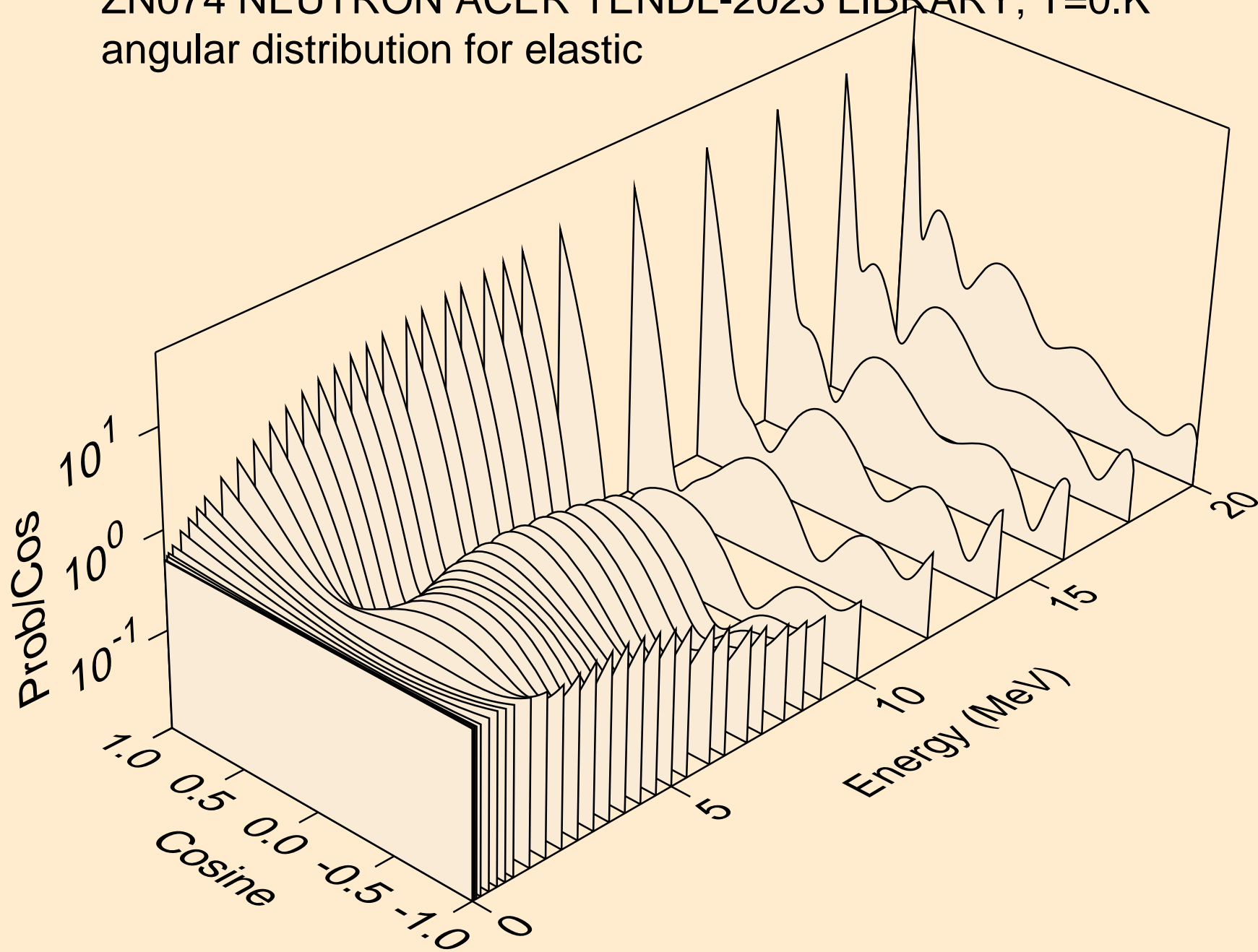


# ZN074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

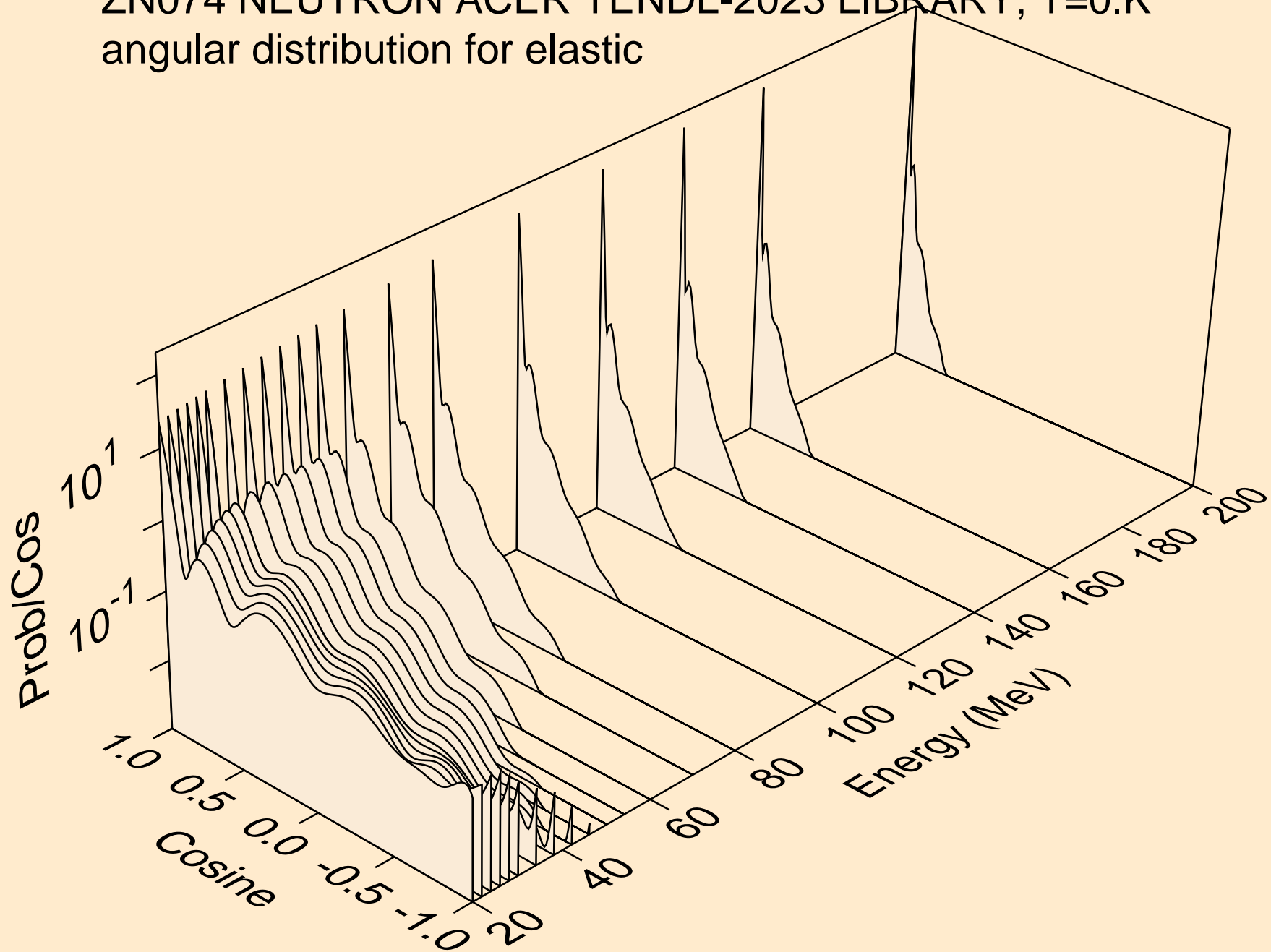


ZN074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

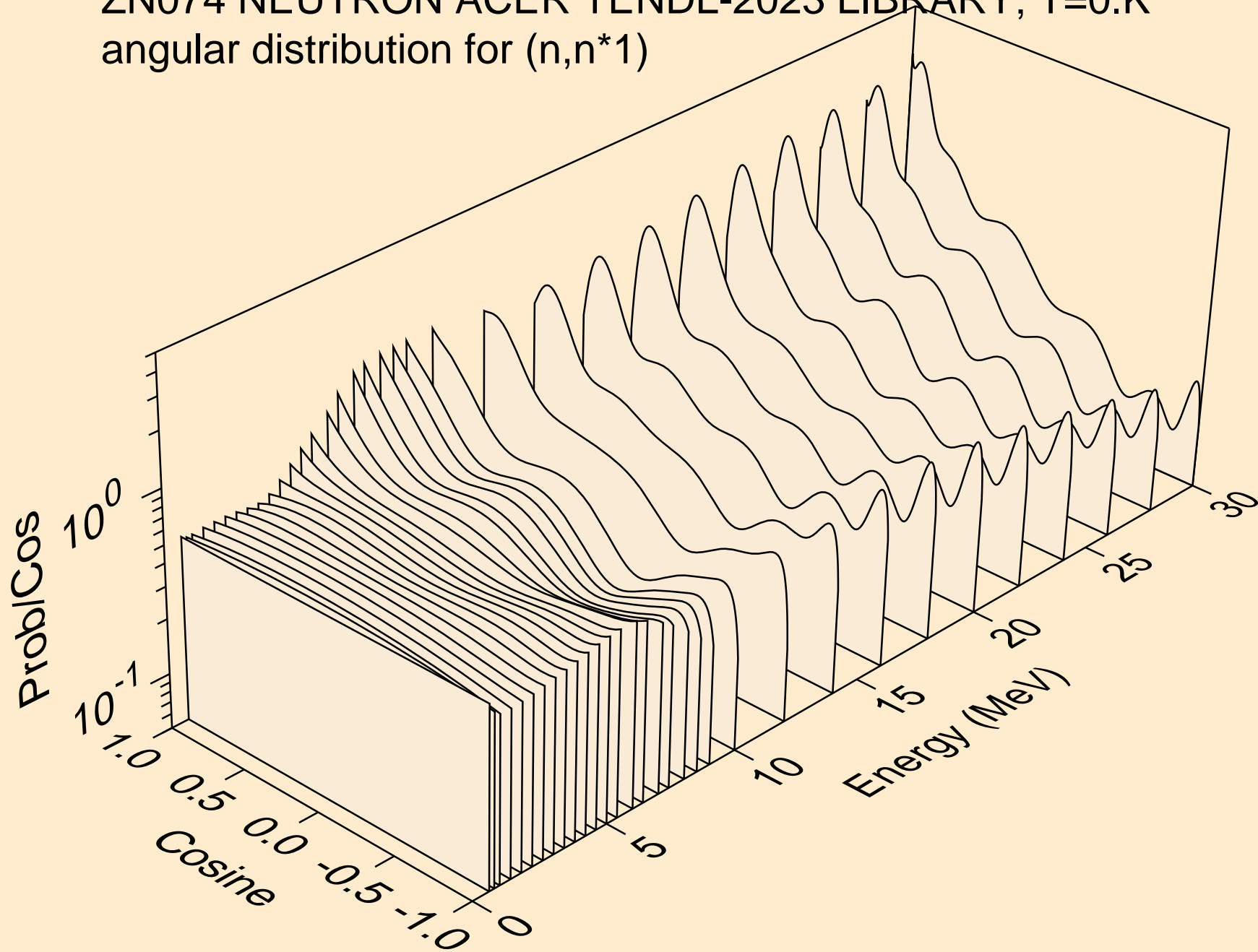




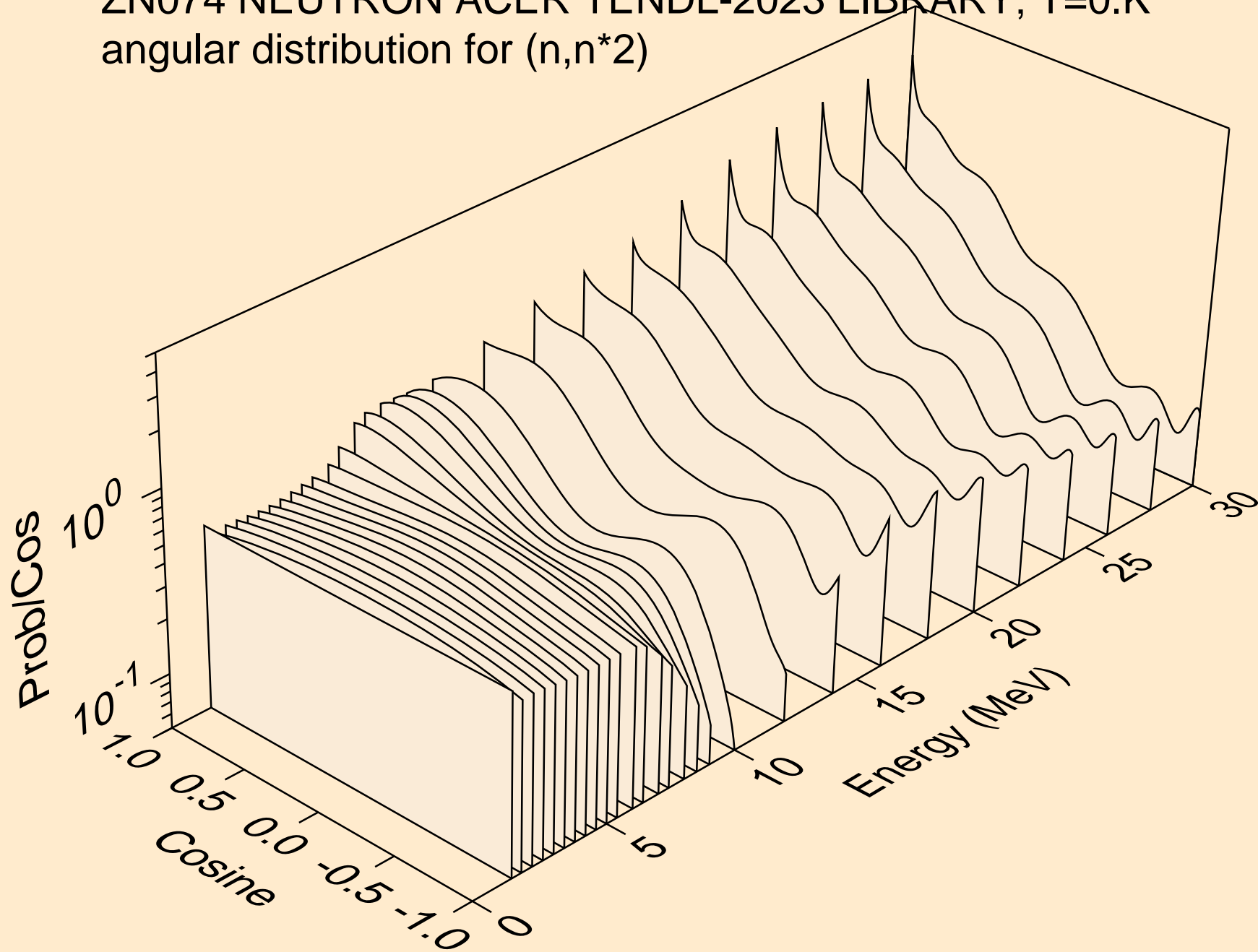
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angular distribution for elastic



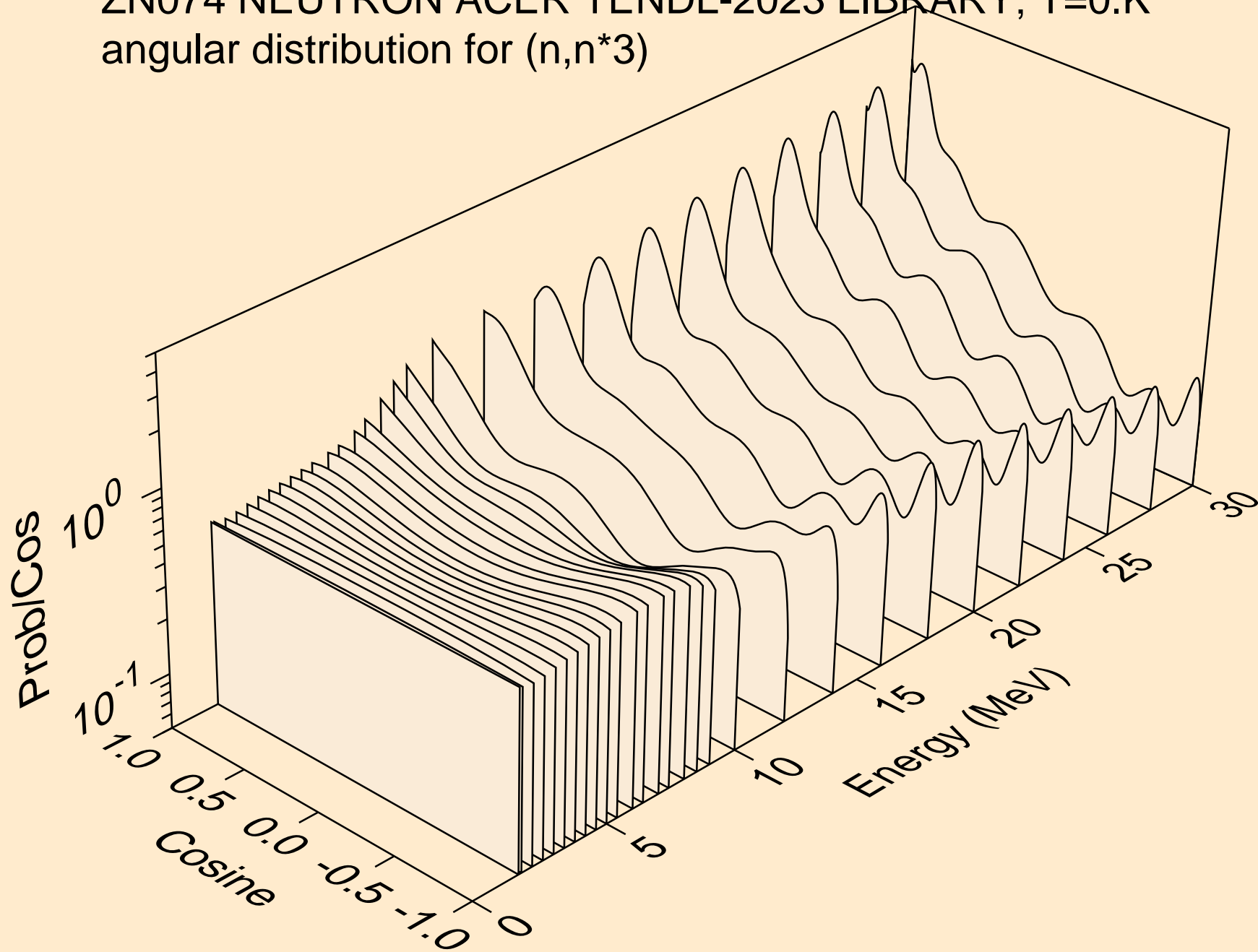
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angular distribution for (n,n\*1)



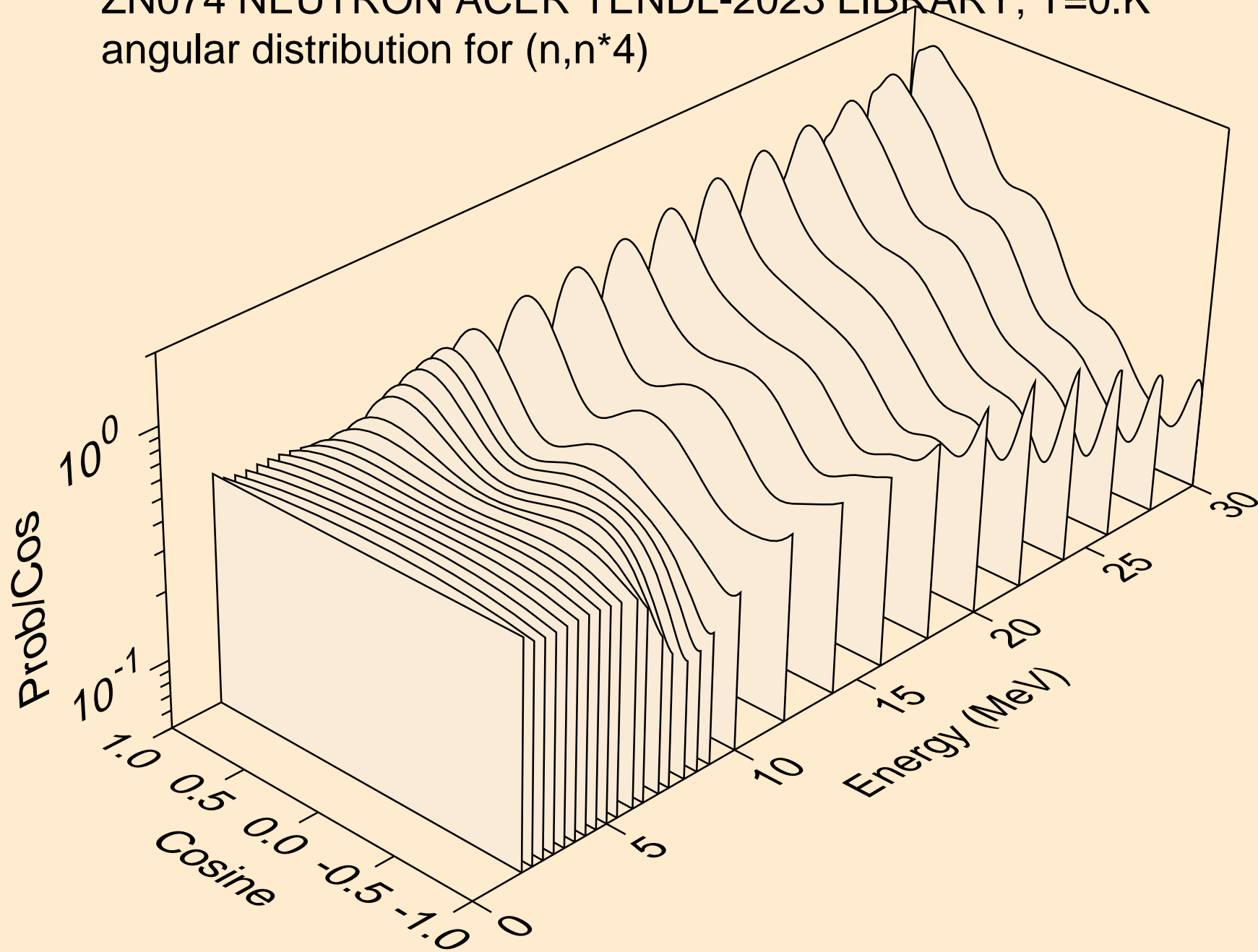
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angular distribution for (n,n\*2)



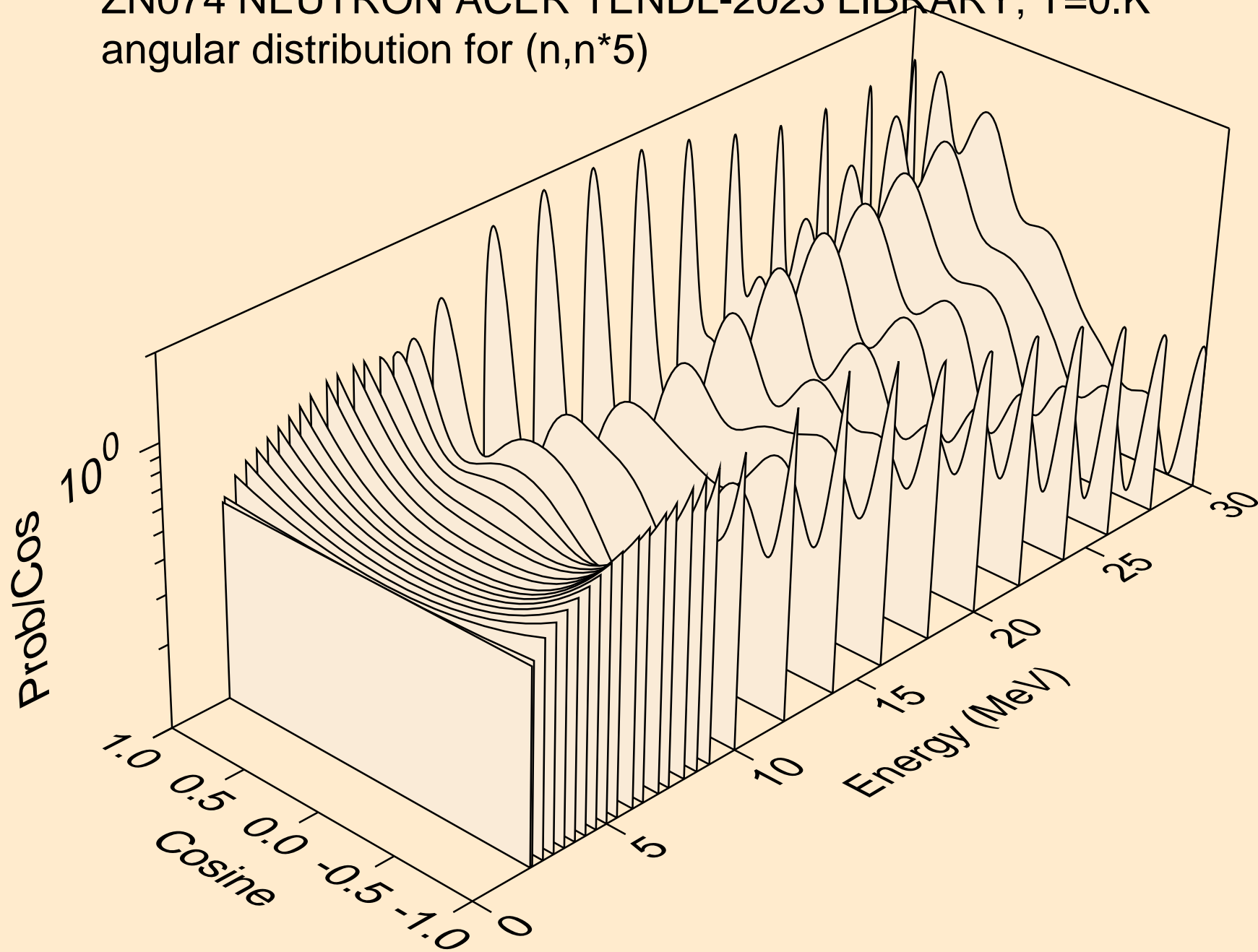
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angular distribution for (n,n\*3)



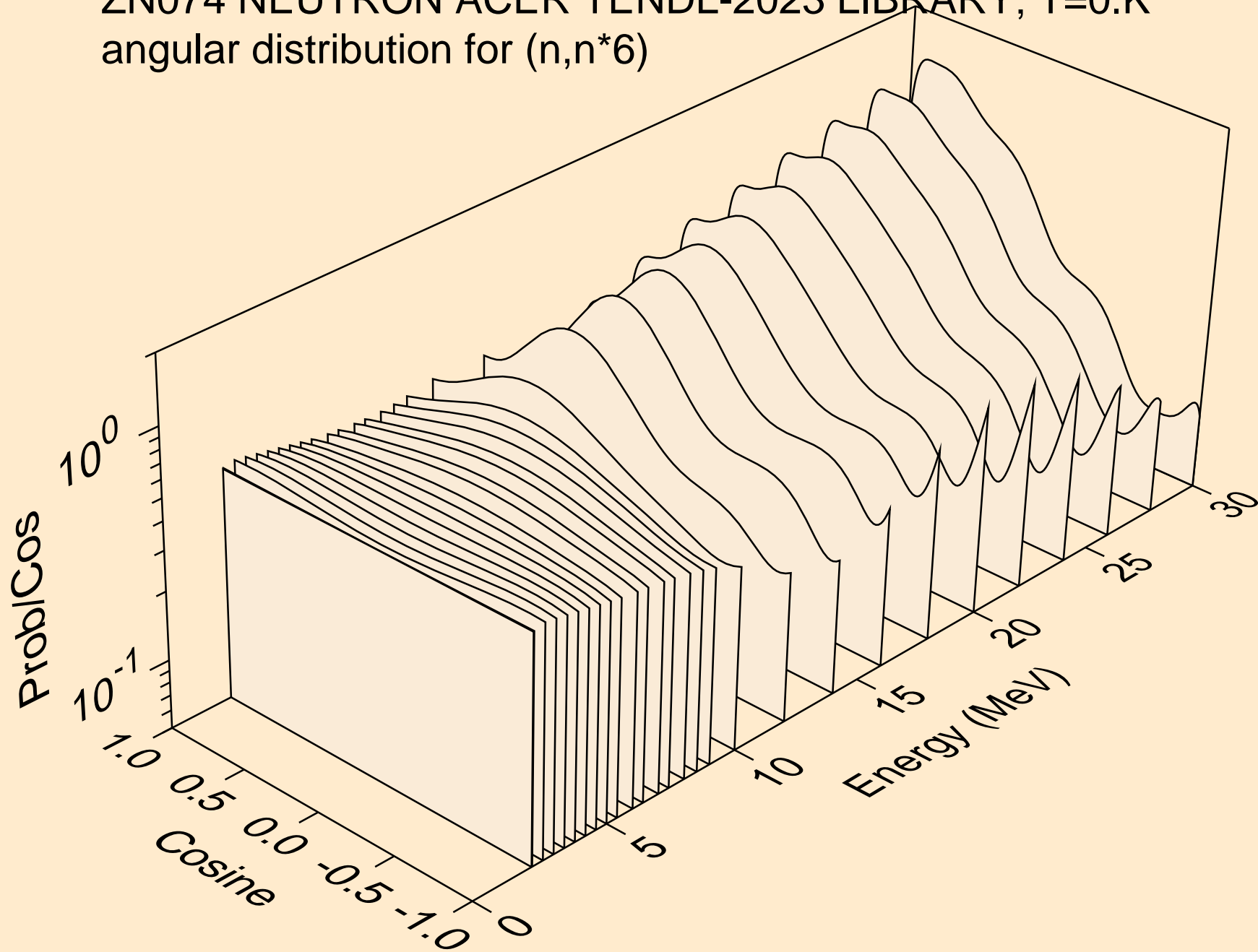
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angular distribution for (n,n\*4)



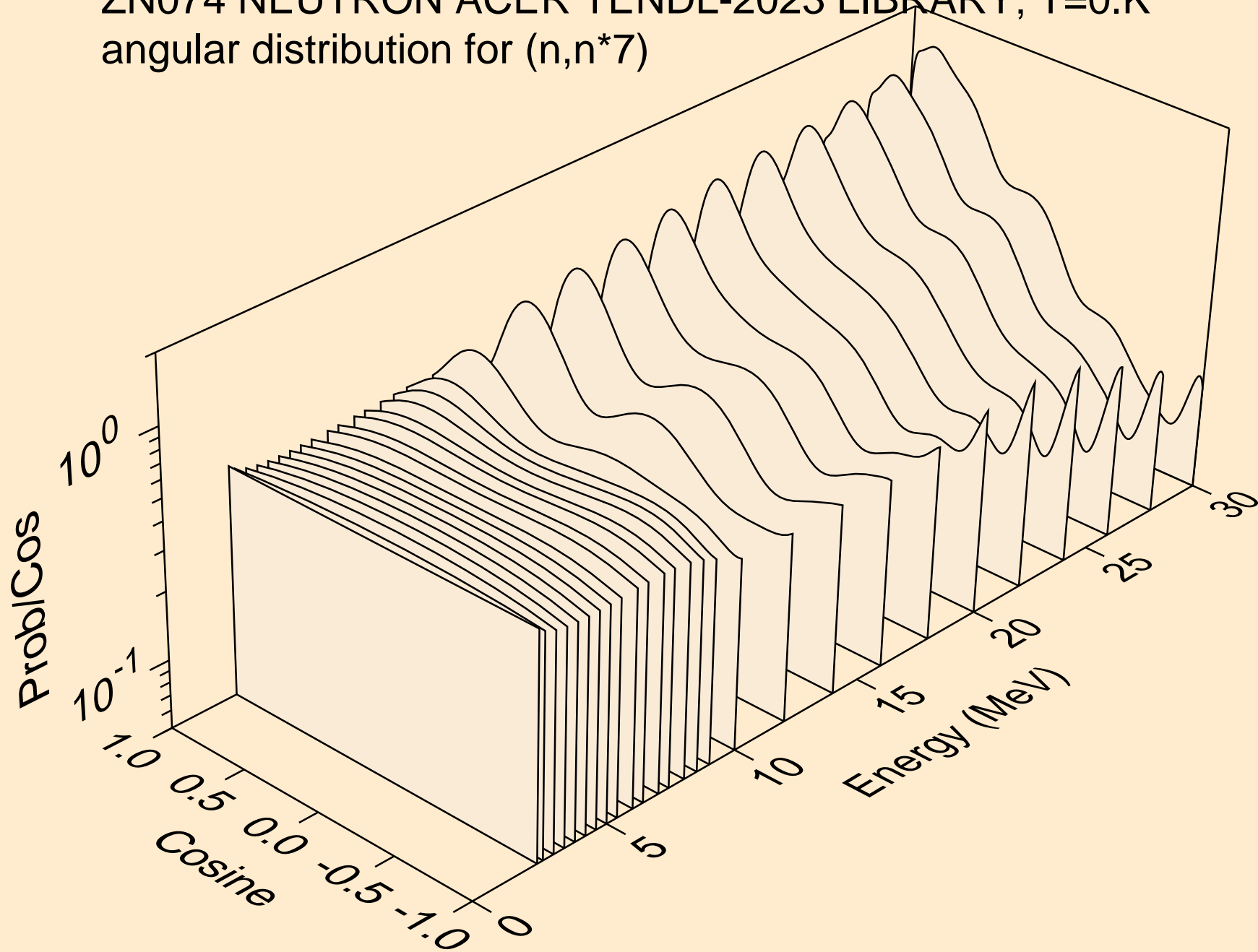
ZN074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



ZN074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*6)

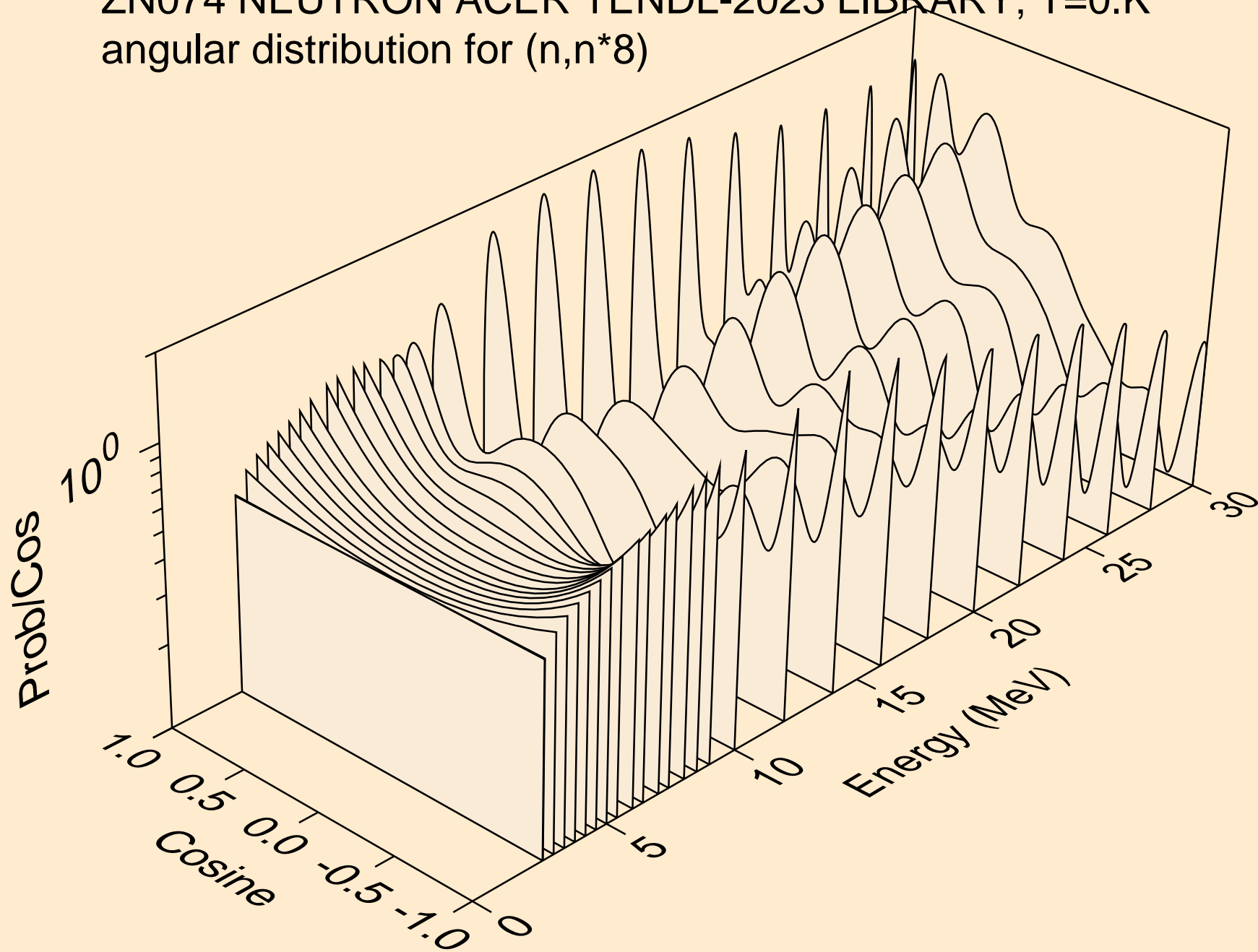


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angular distribution for (n,n\*7)

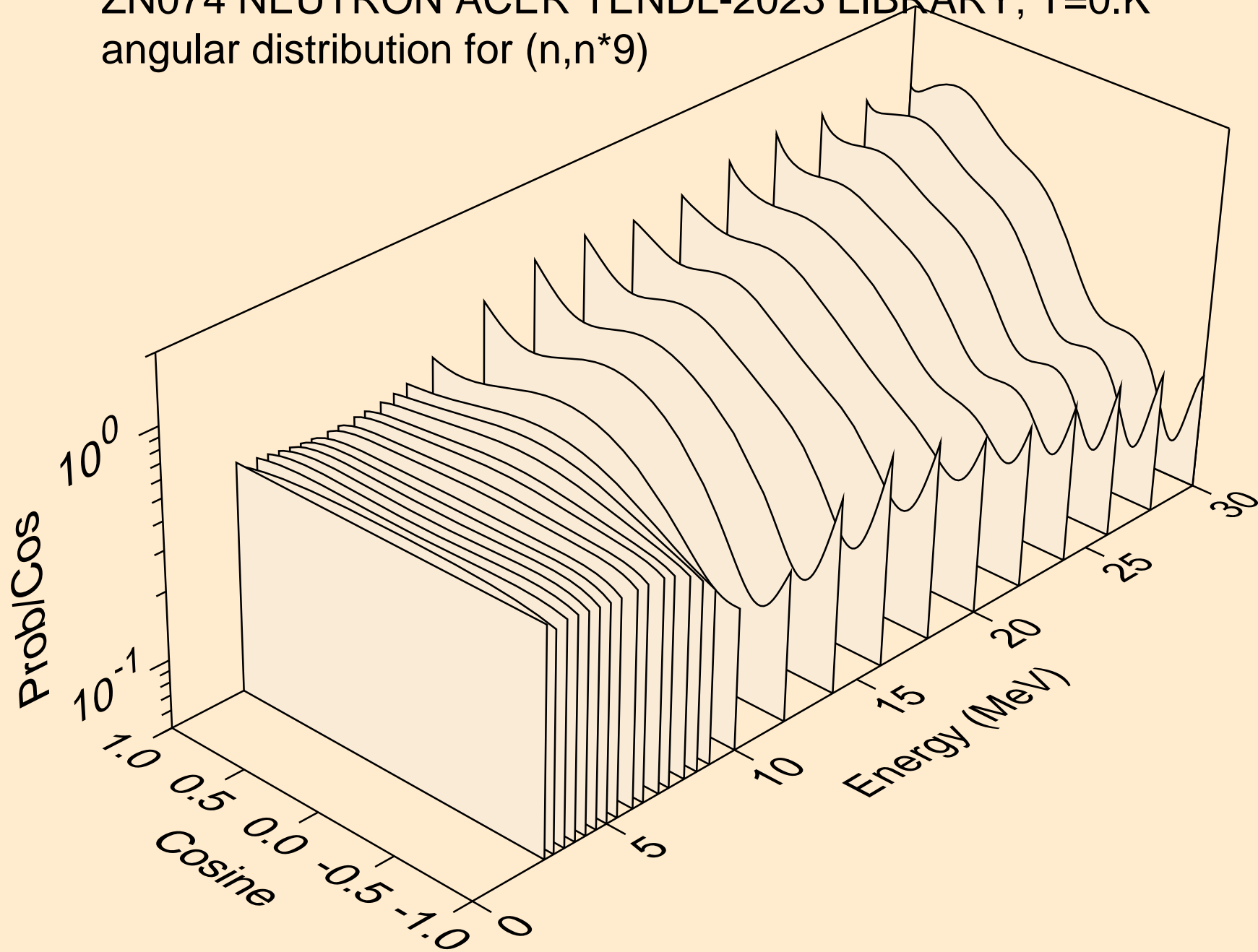




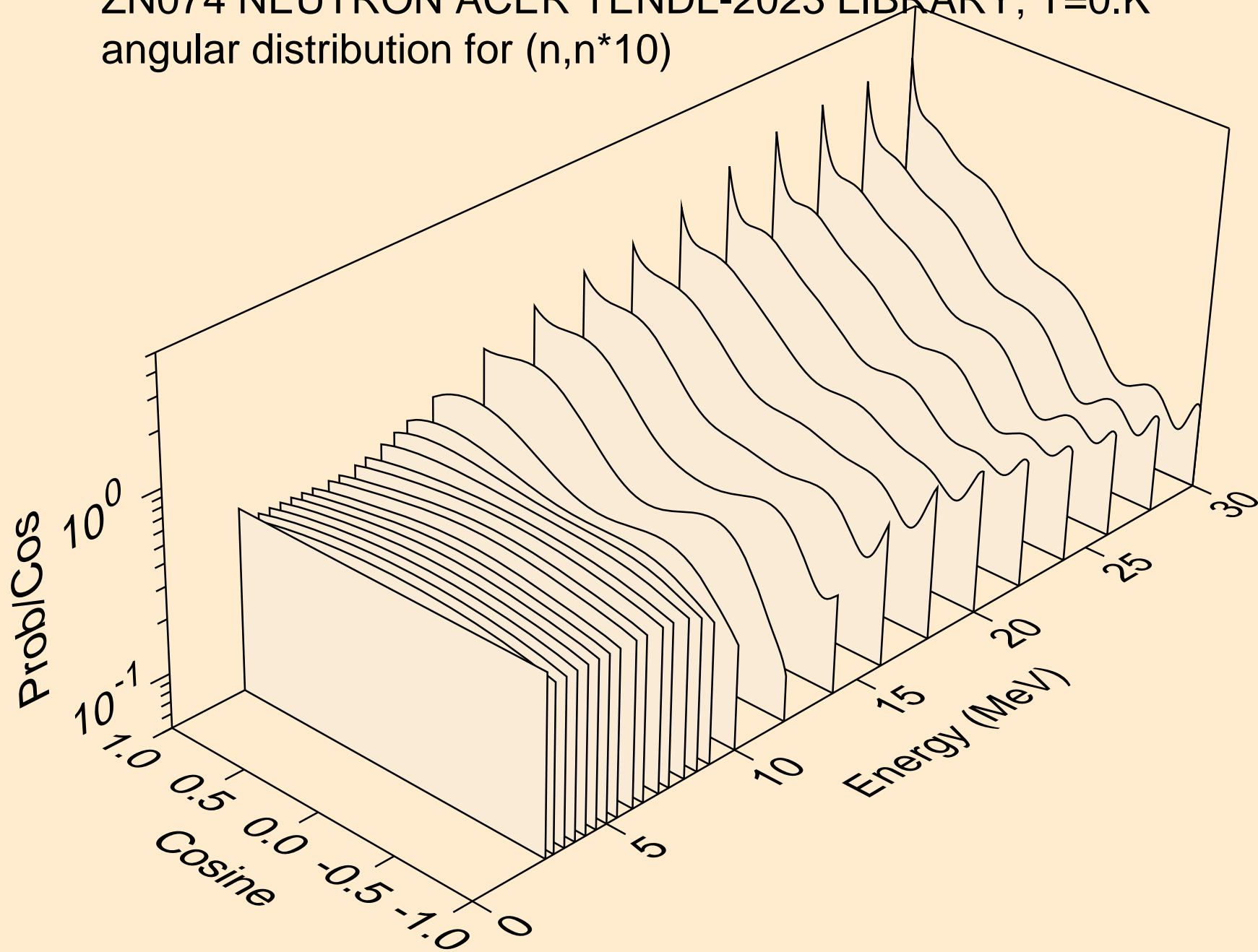
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angular distribution for (n,n\*8)



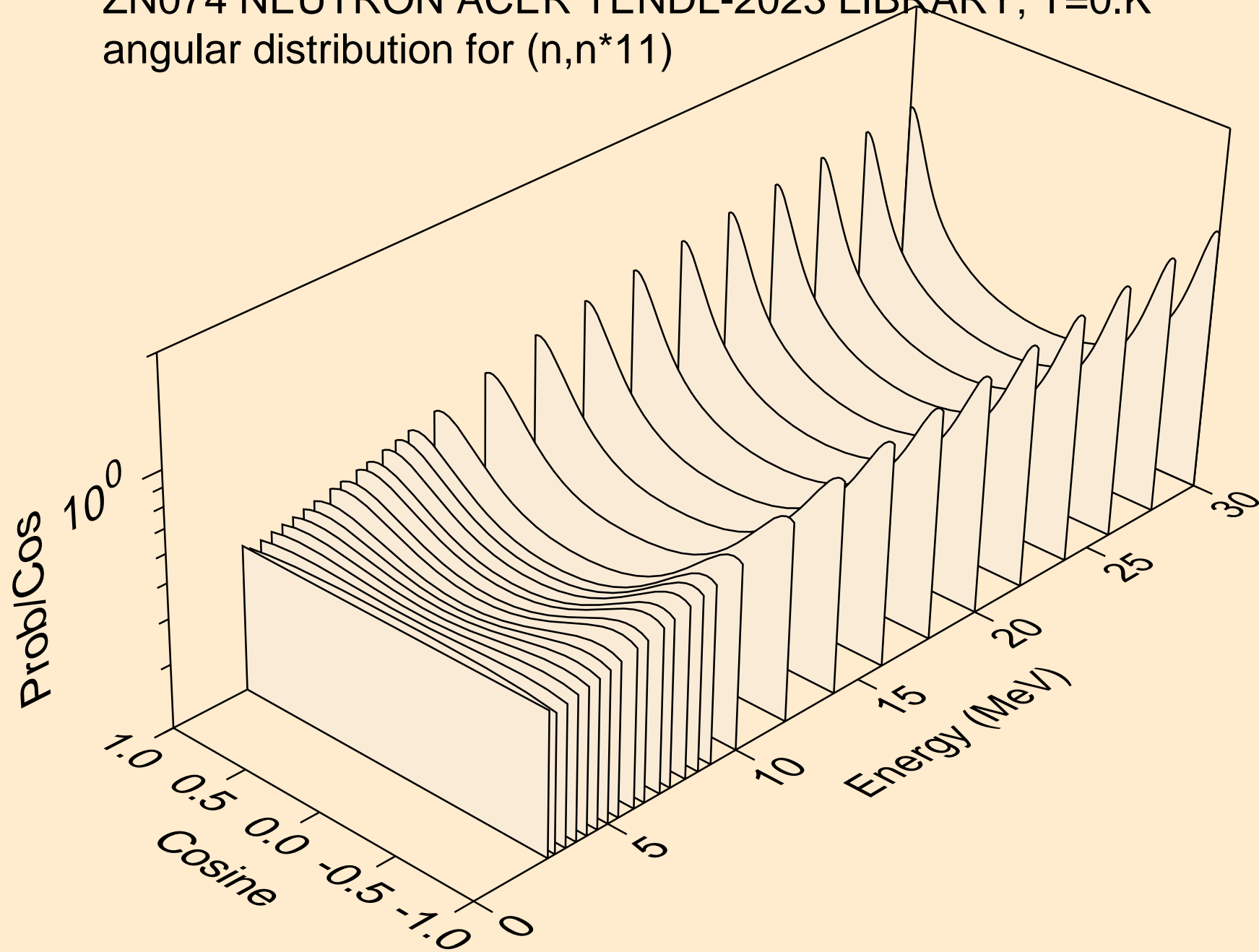
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angular distribution for (n,n\*9)



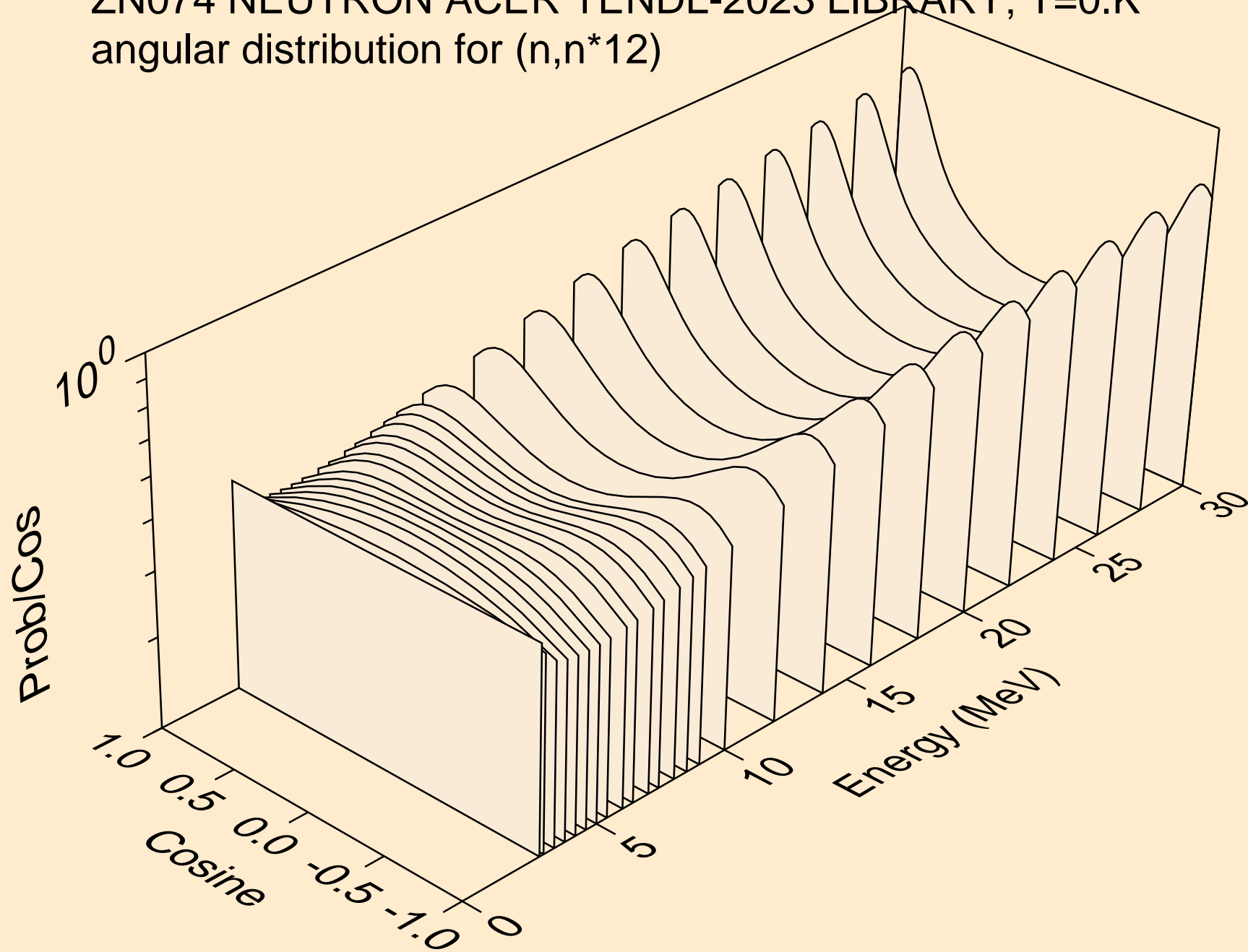
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angular distribution for (n,n\*10)



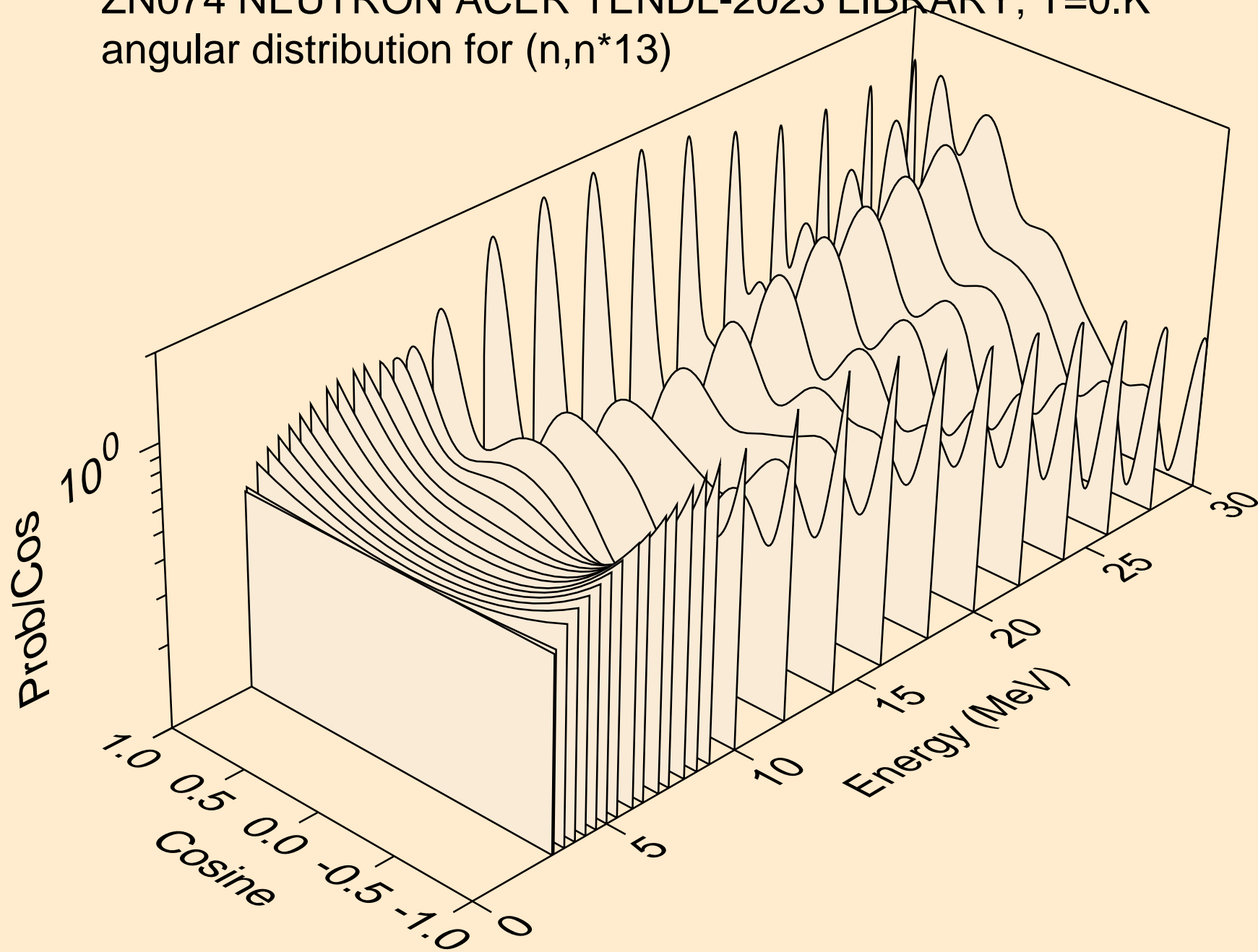
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angular distribution for (n,n\*11)



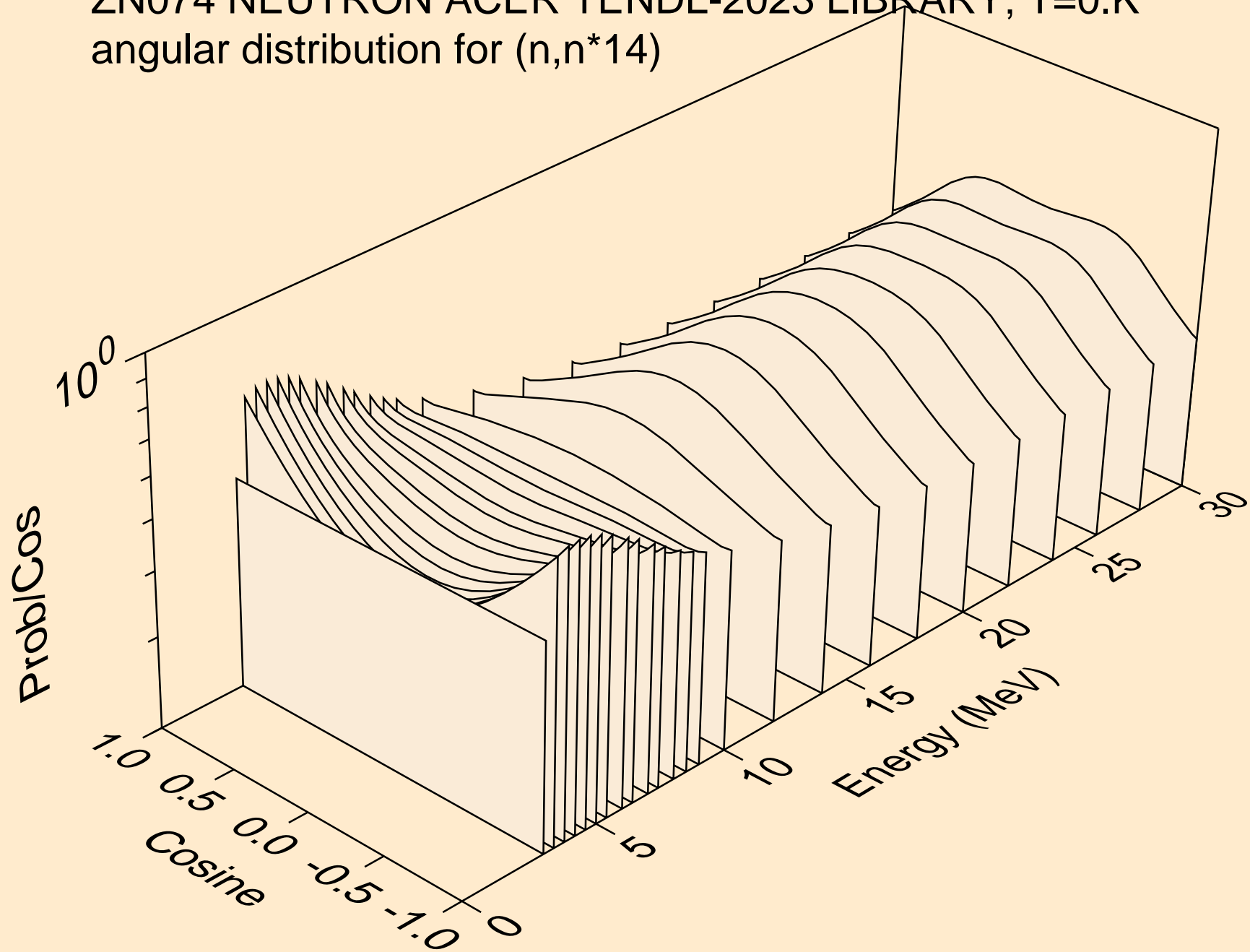
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angular distribution for (n,n\*12)



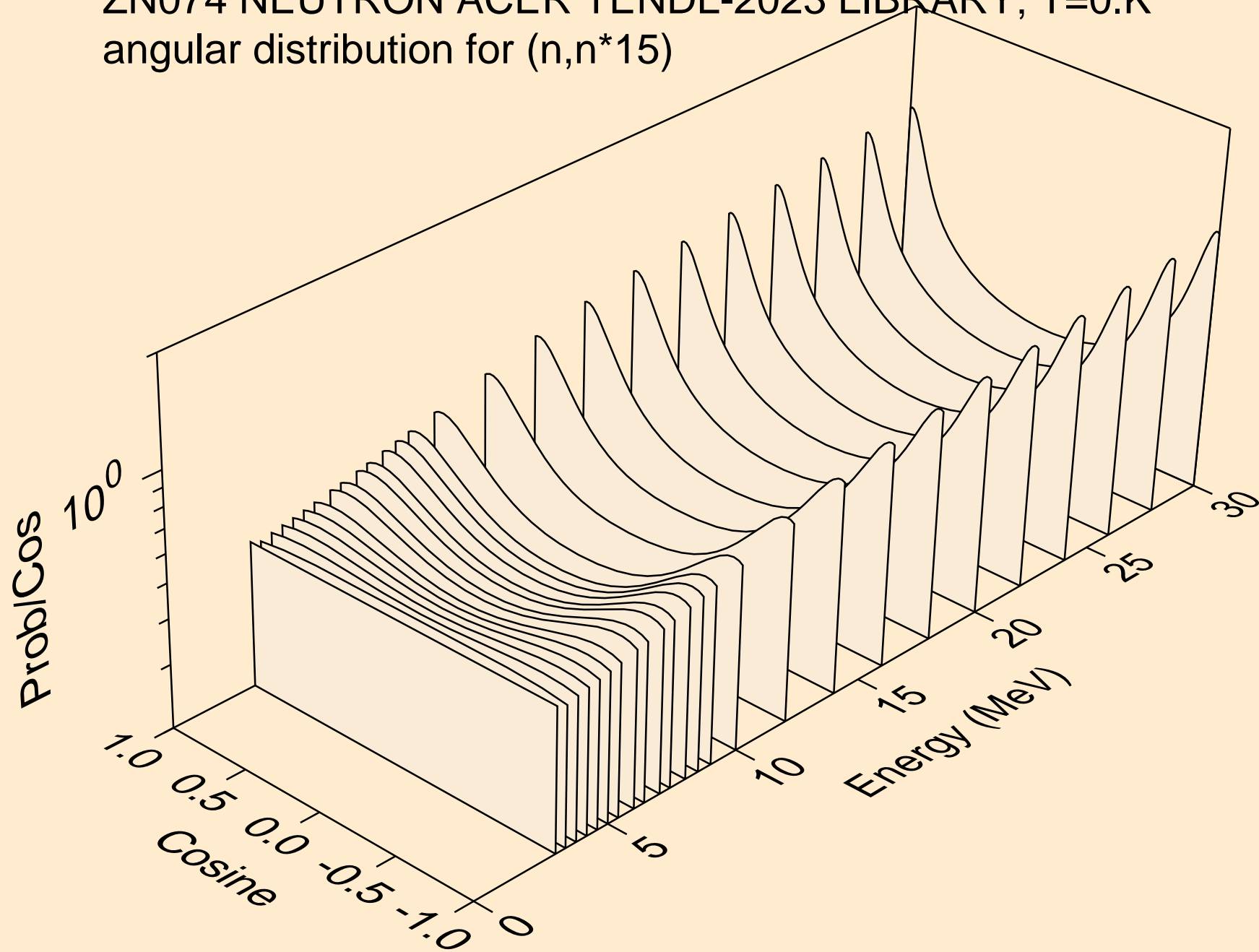
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angular distribution for (n,n\*13)



ZN074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*14)

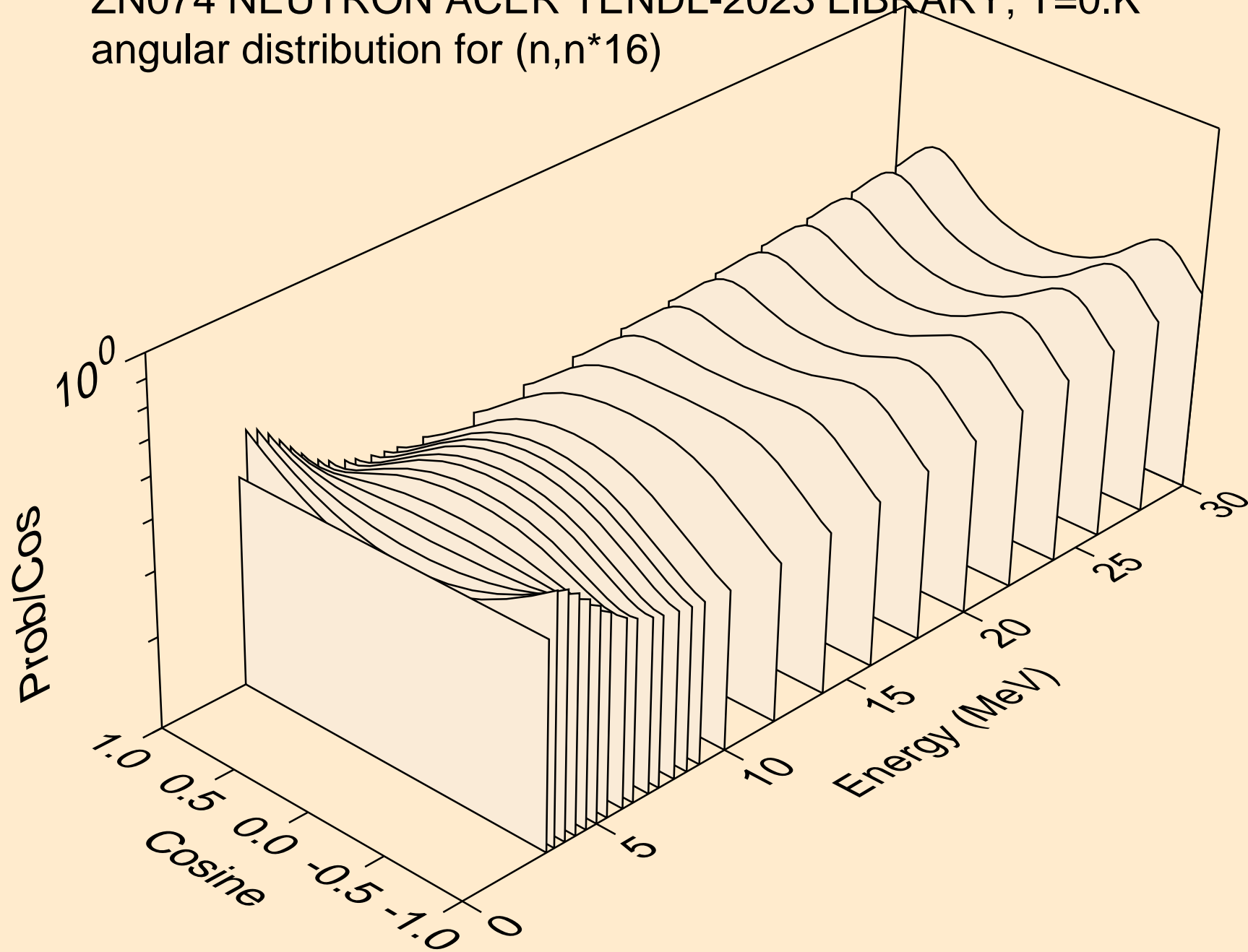


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angular distribution for (n,n\*15)

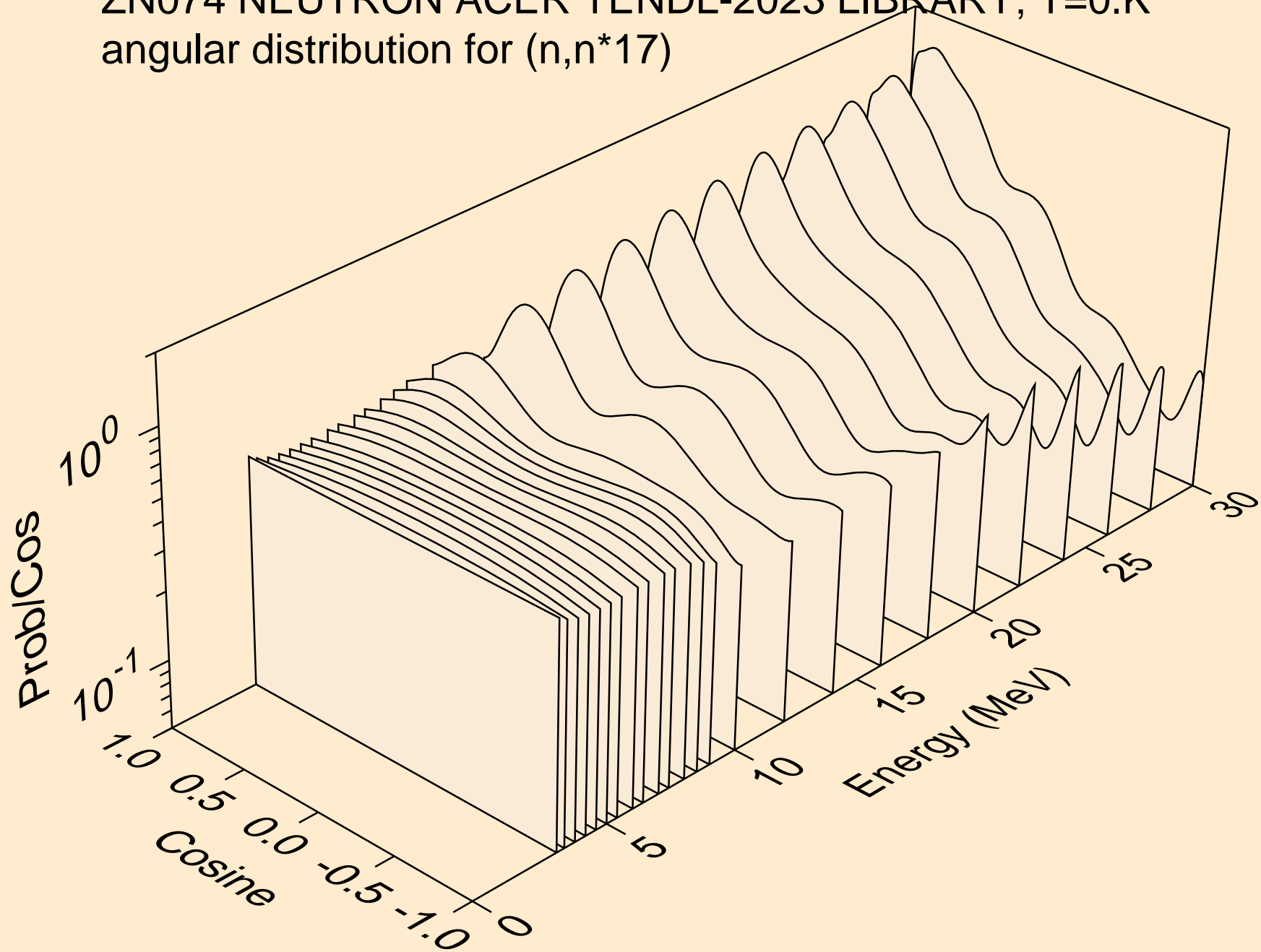




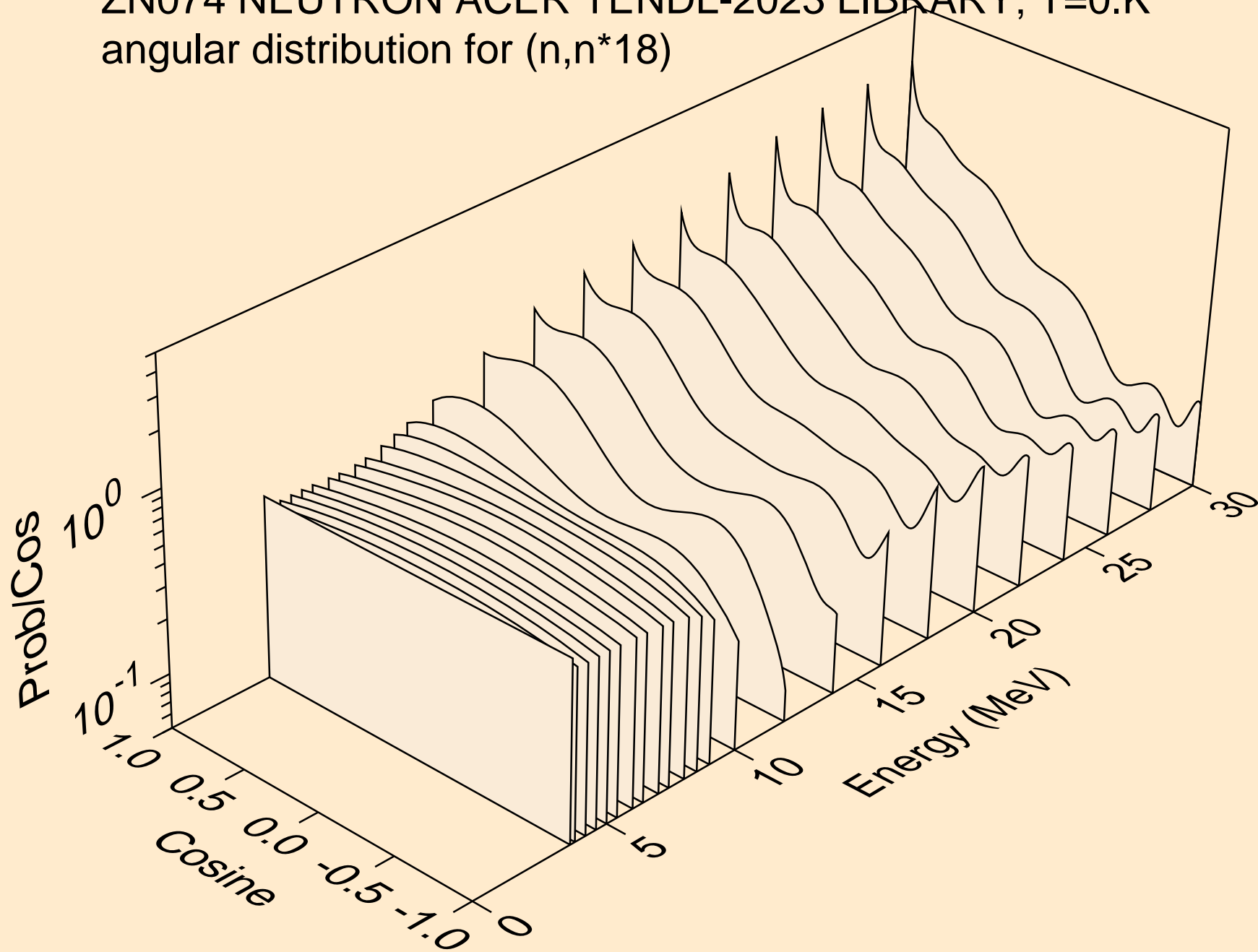
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angular distribution for (n,n\*16)



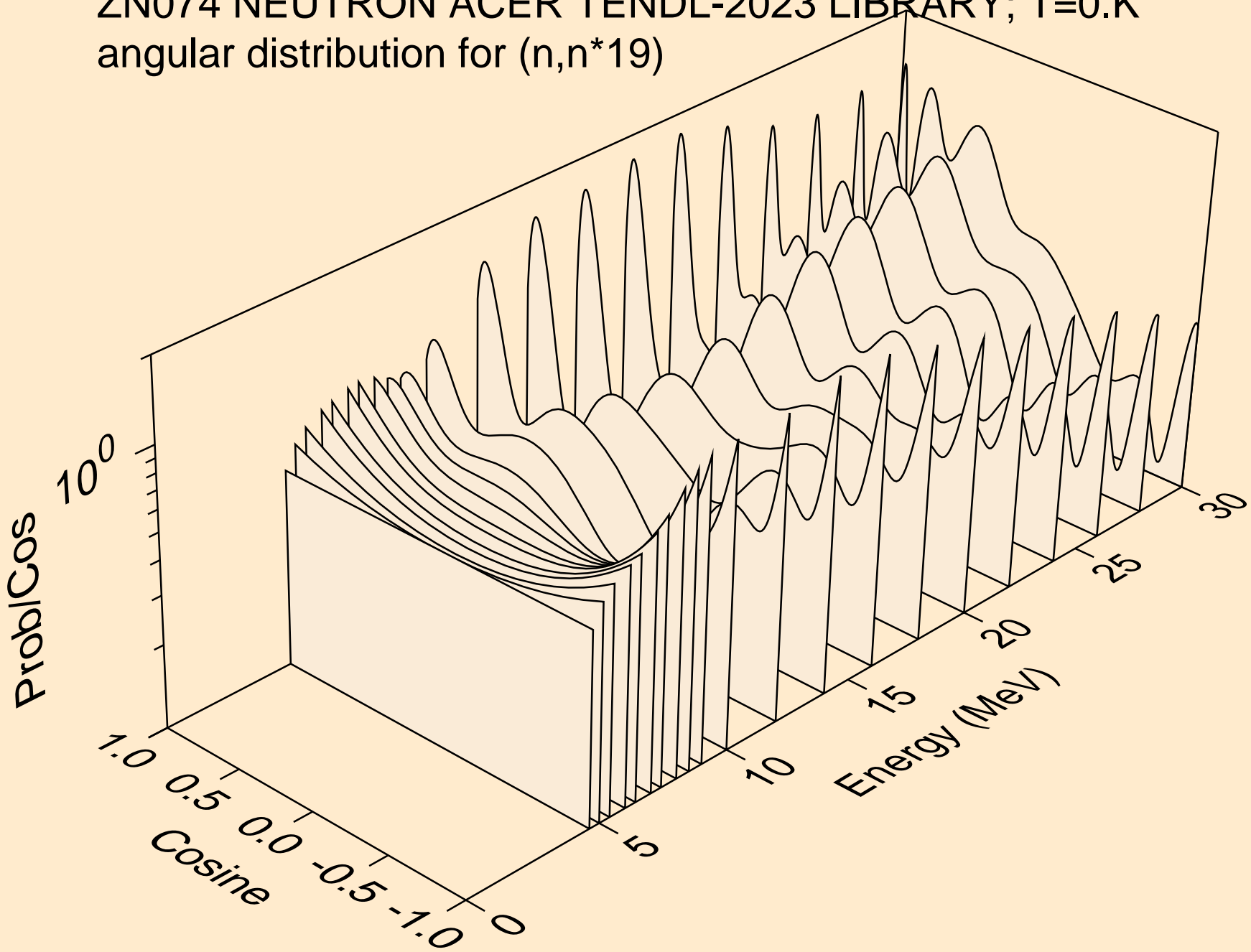
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angular distribution for (n,n\*17)



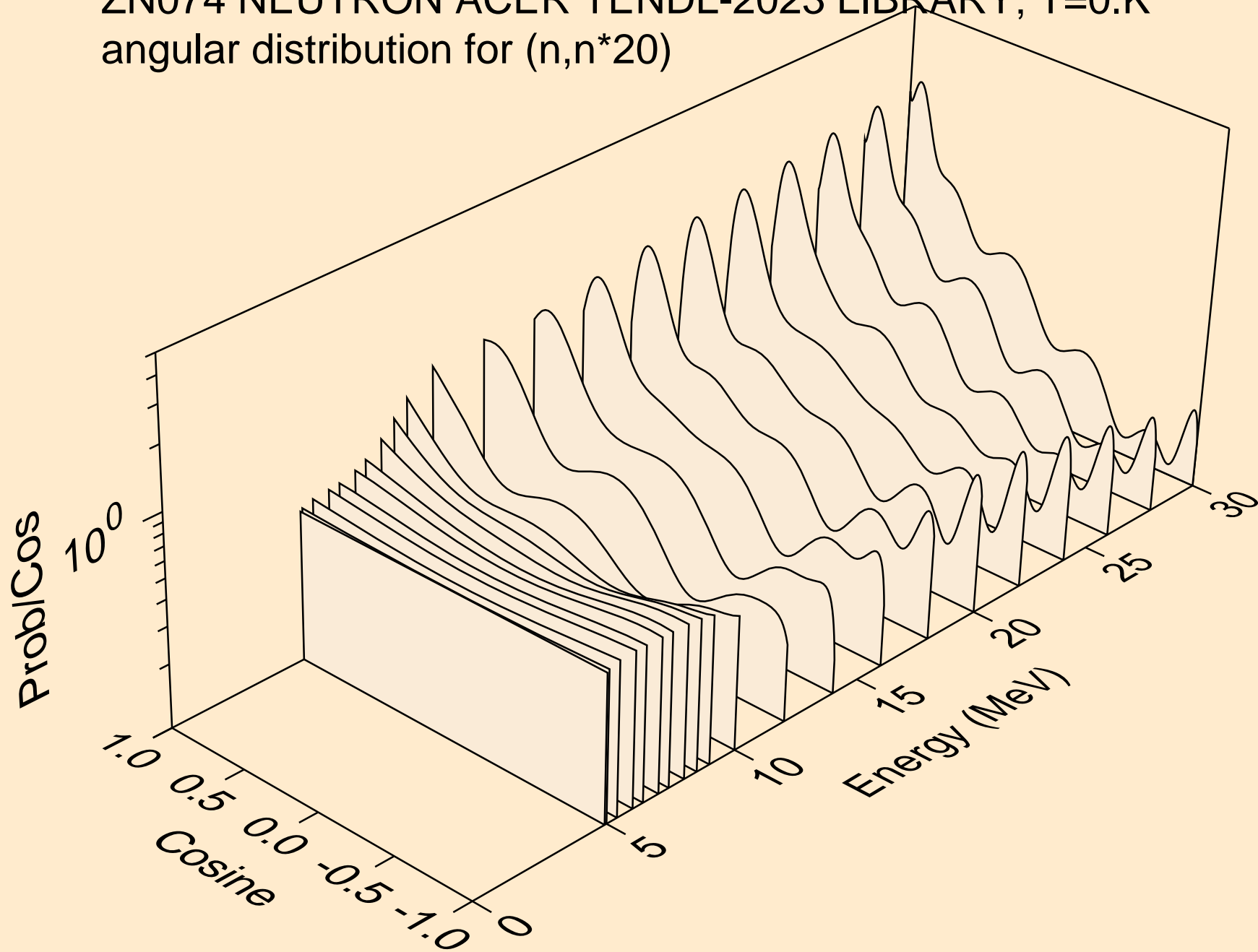
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angular distribution for (n,n\*18)



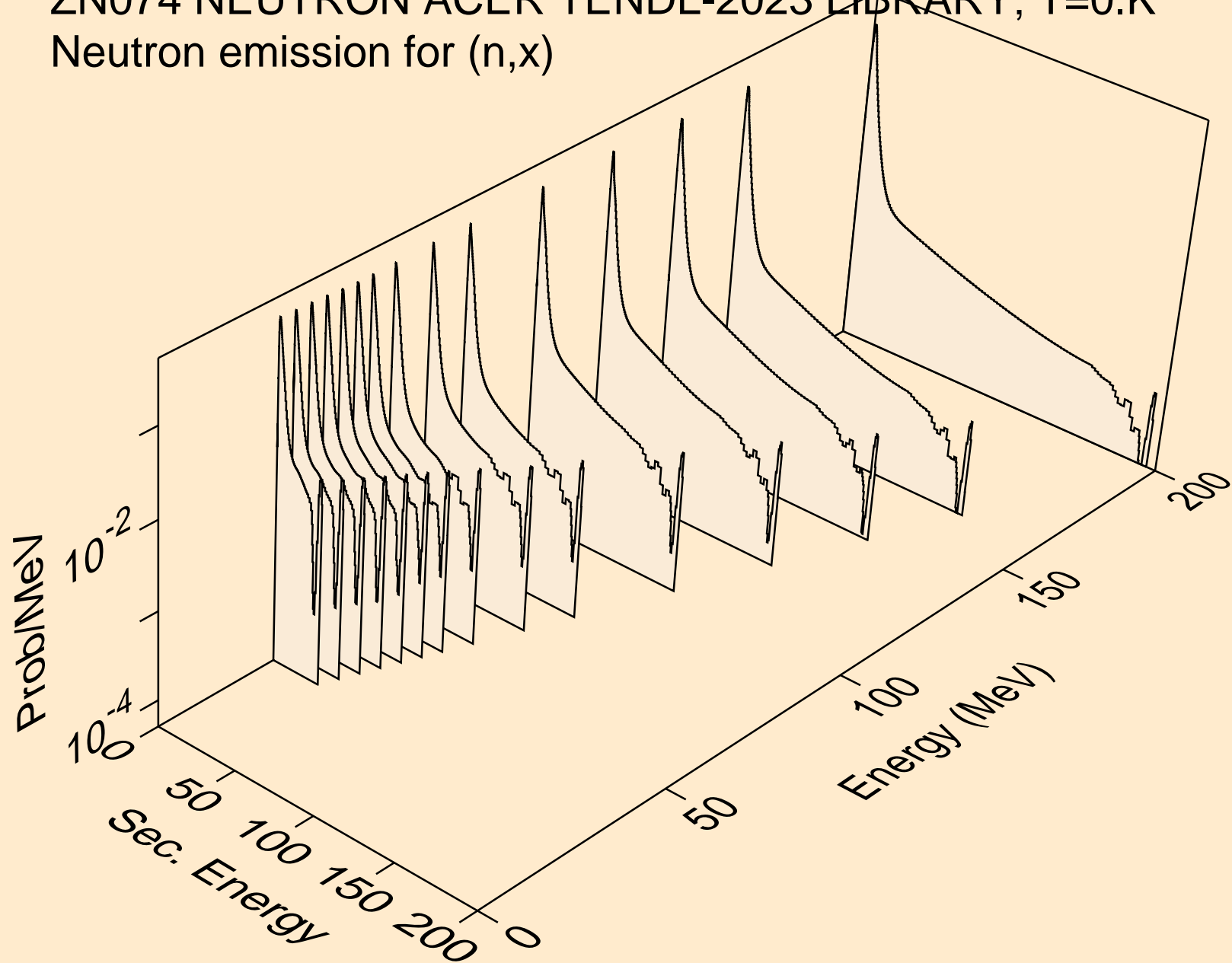
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angular distribution for (n,n\*19)



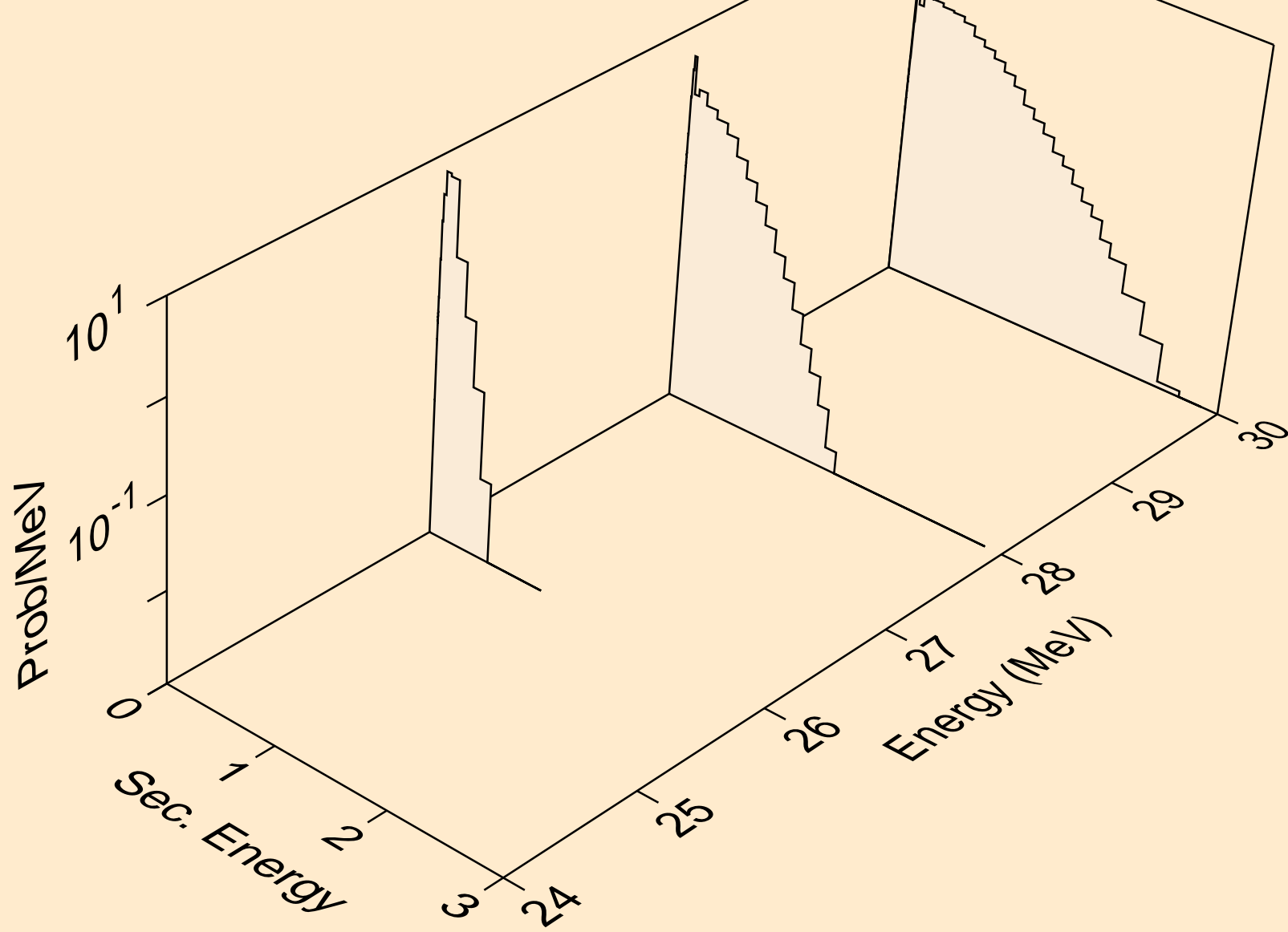
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angular distribution for (n,n\*20)



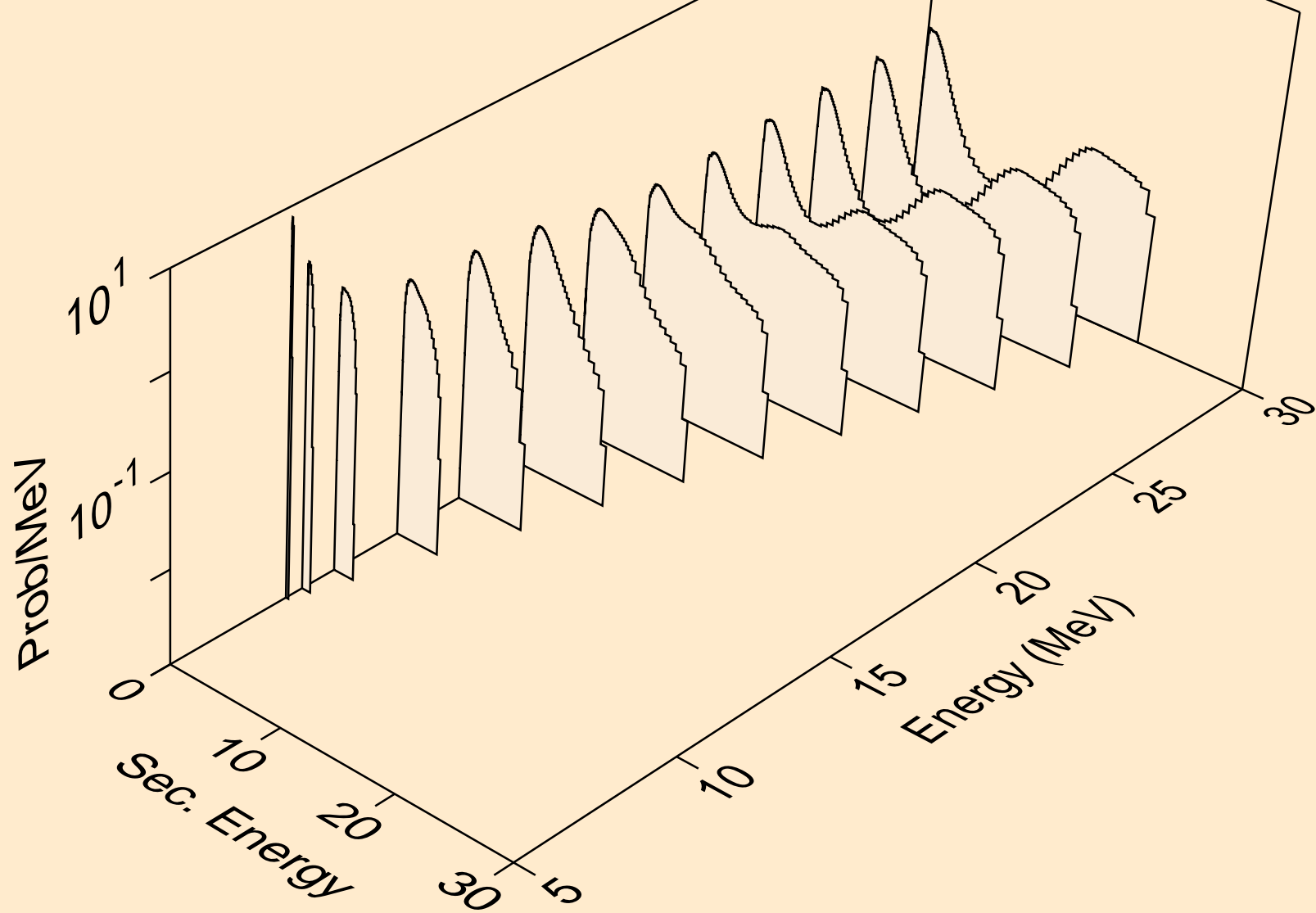
ZN074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



ZN074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)

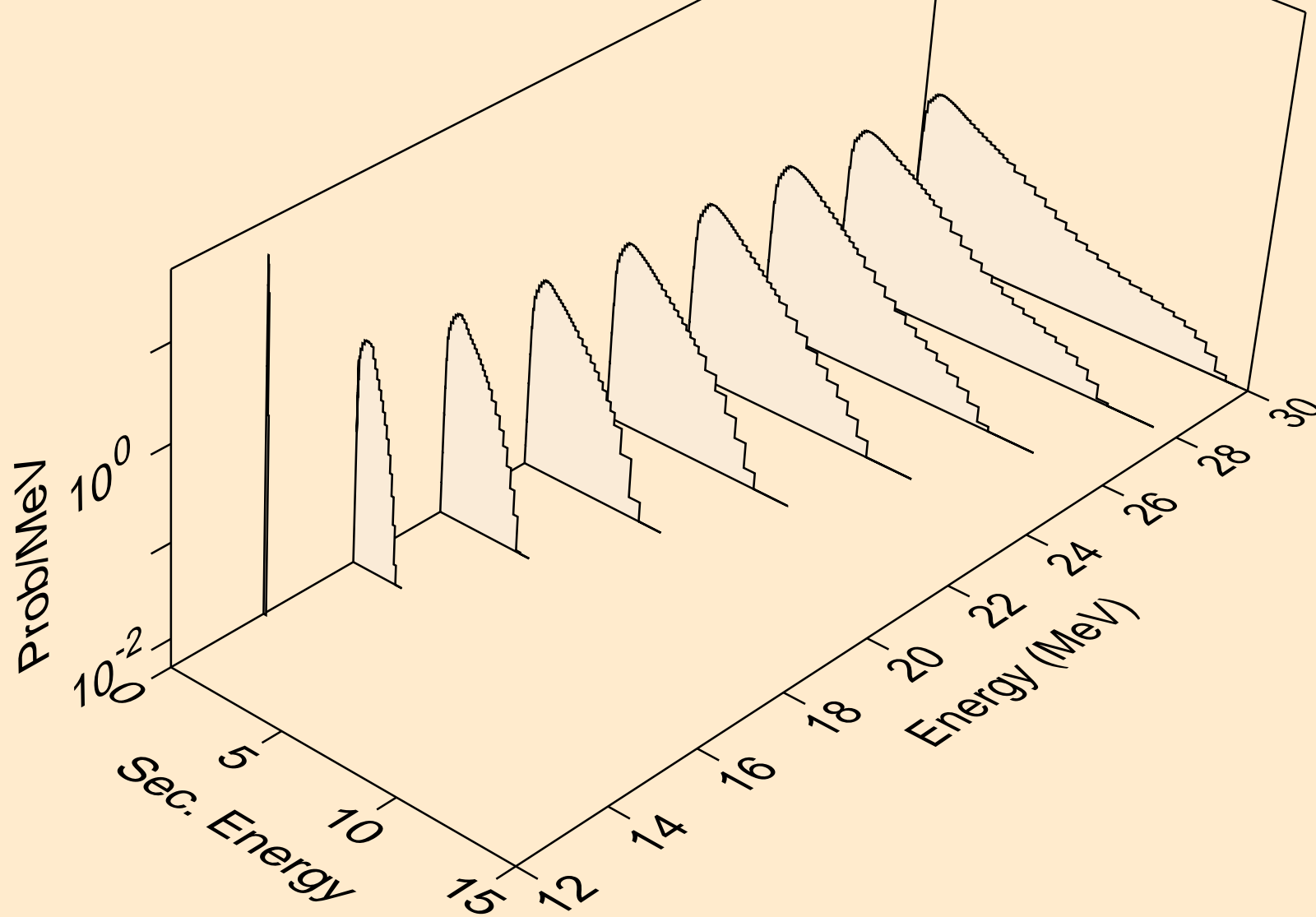


ZN074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)

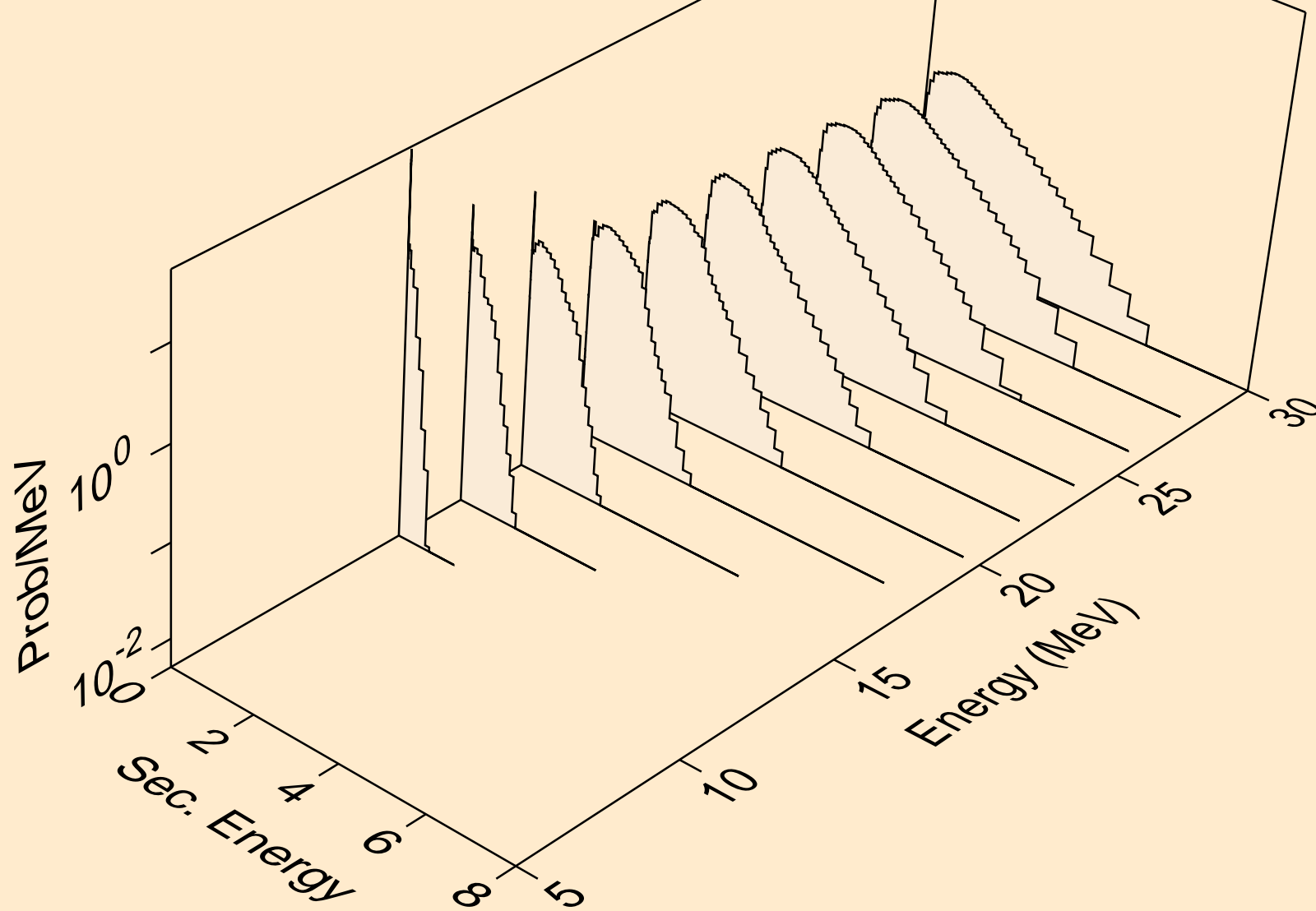




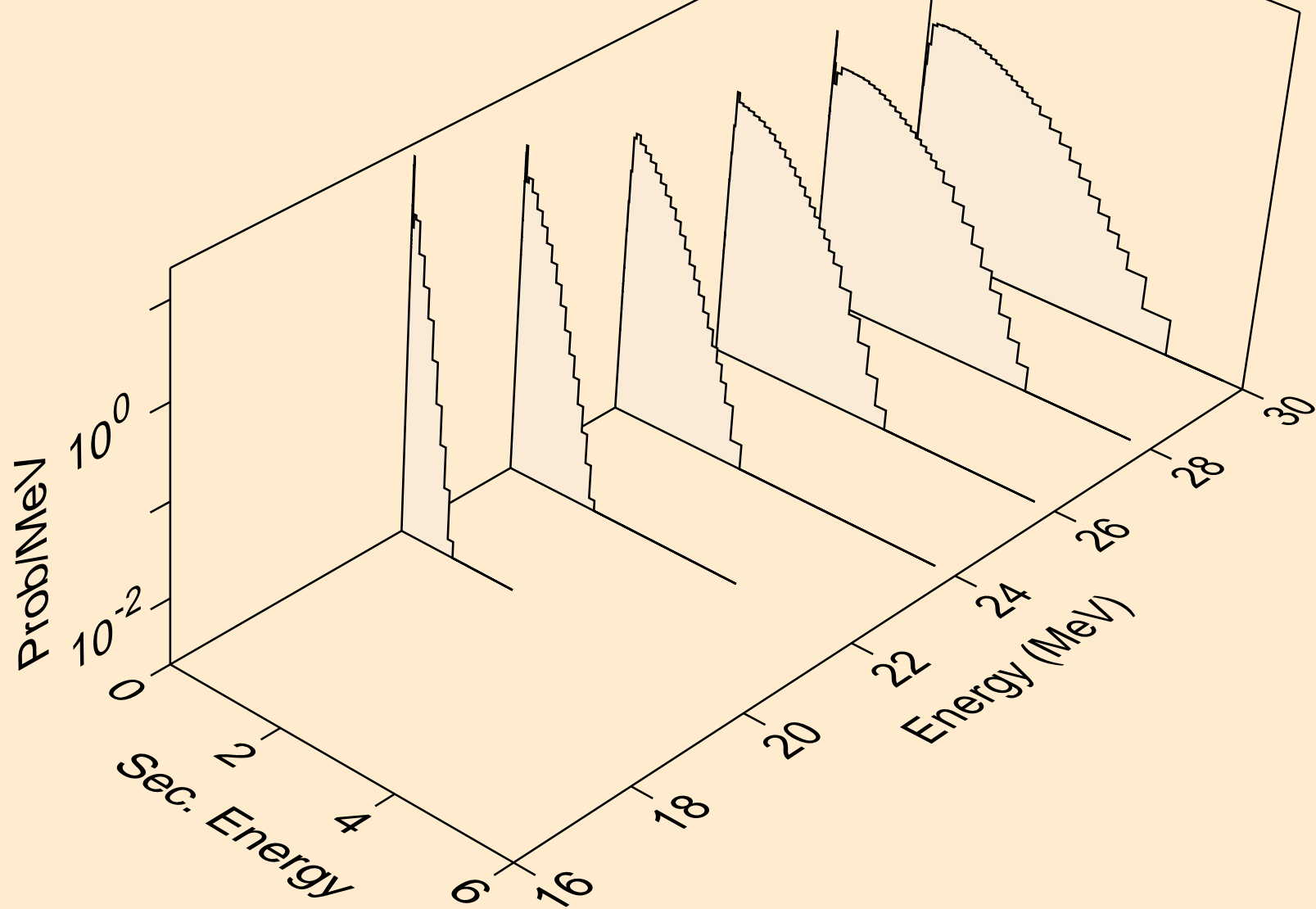
ZN074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)



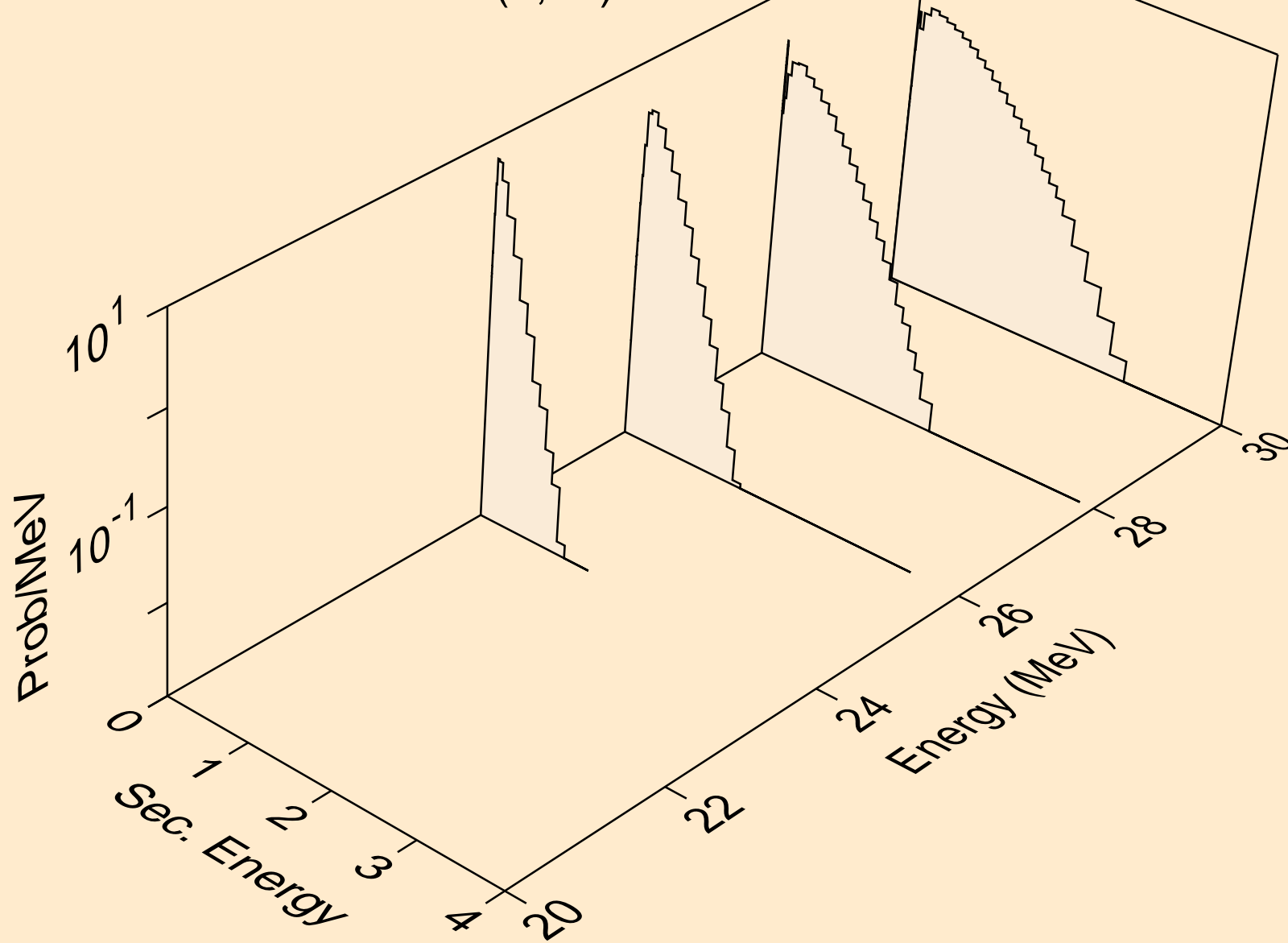
ZN074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



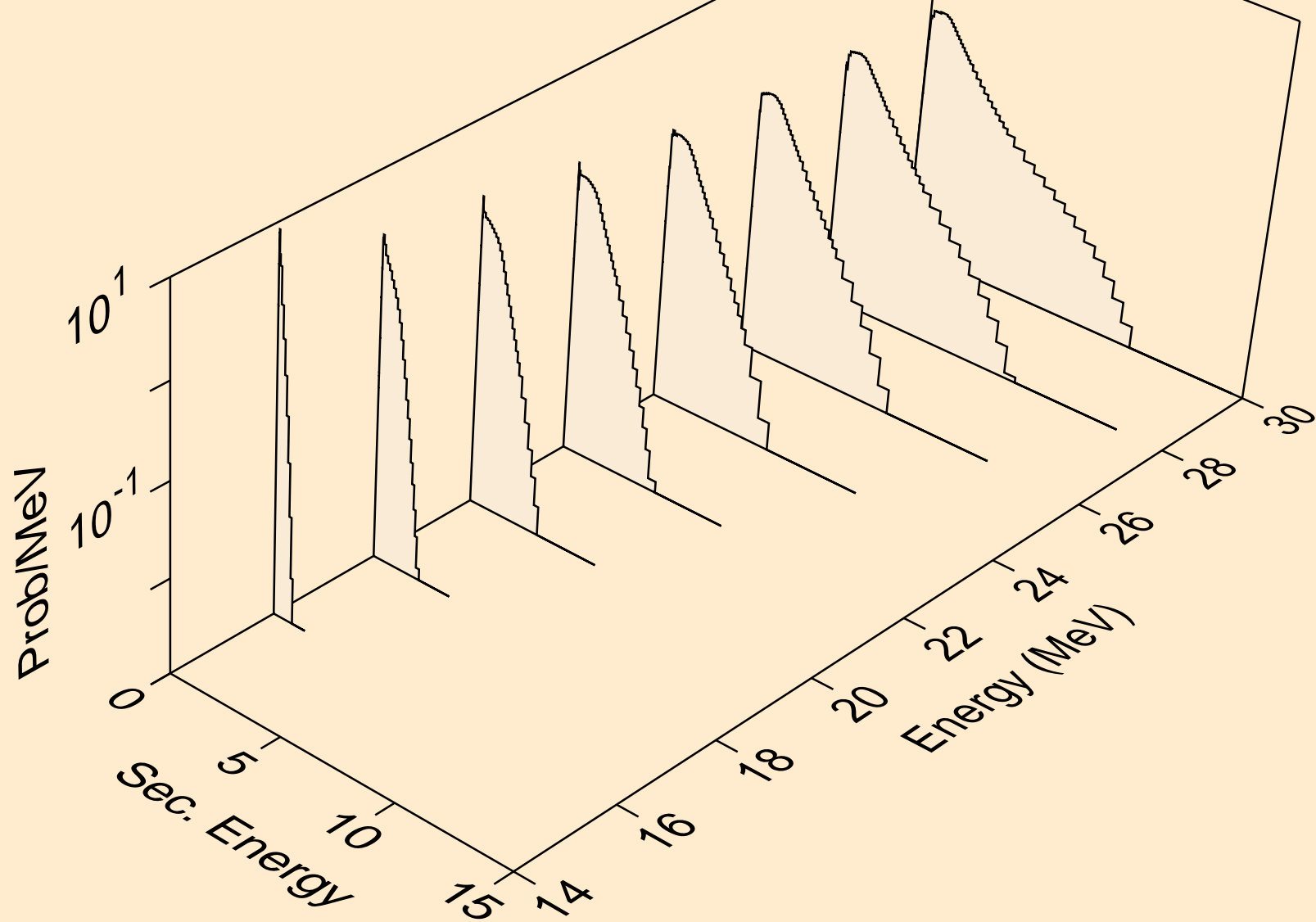
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Neutron emission for (n,2n)a



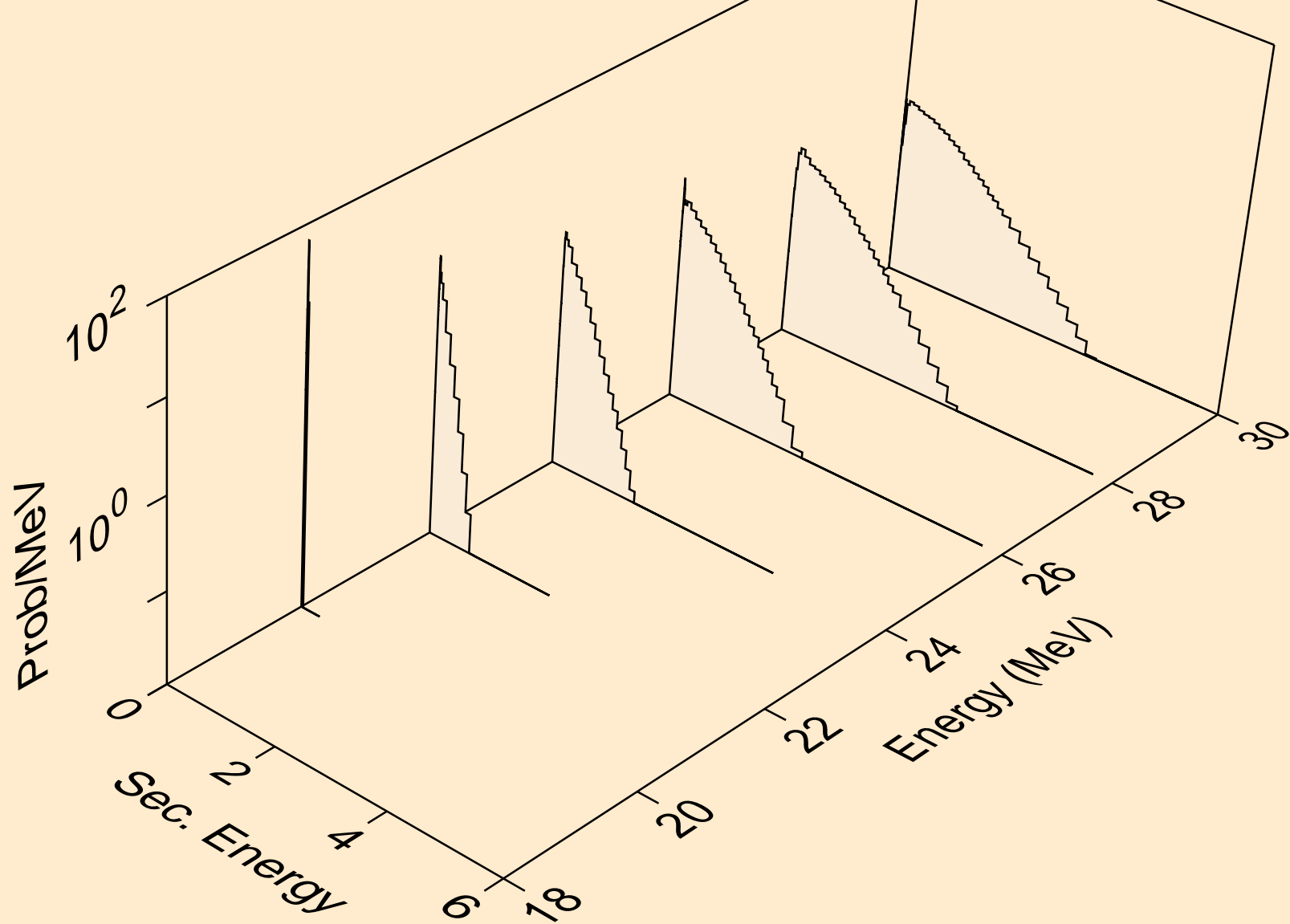
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Neutron emission for (n,3n)a



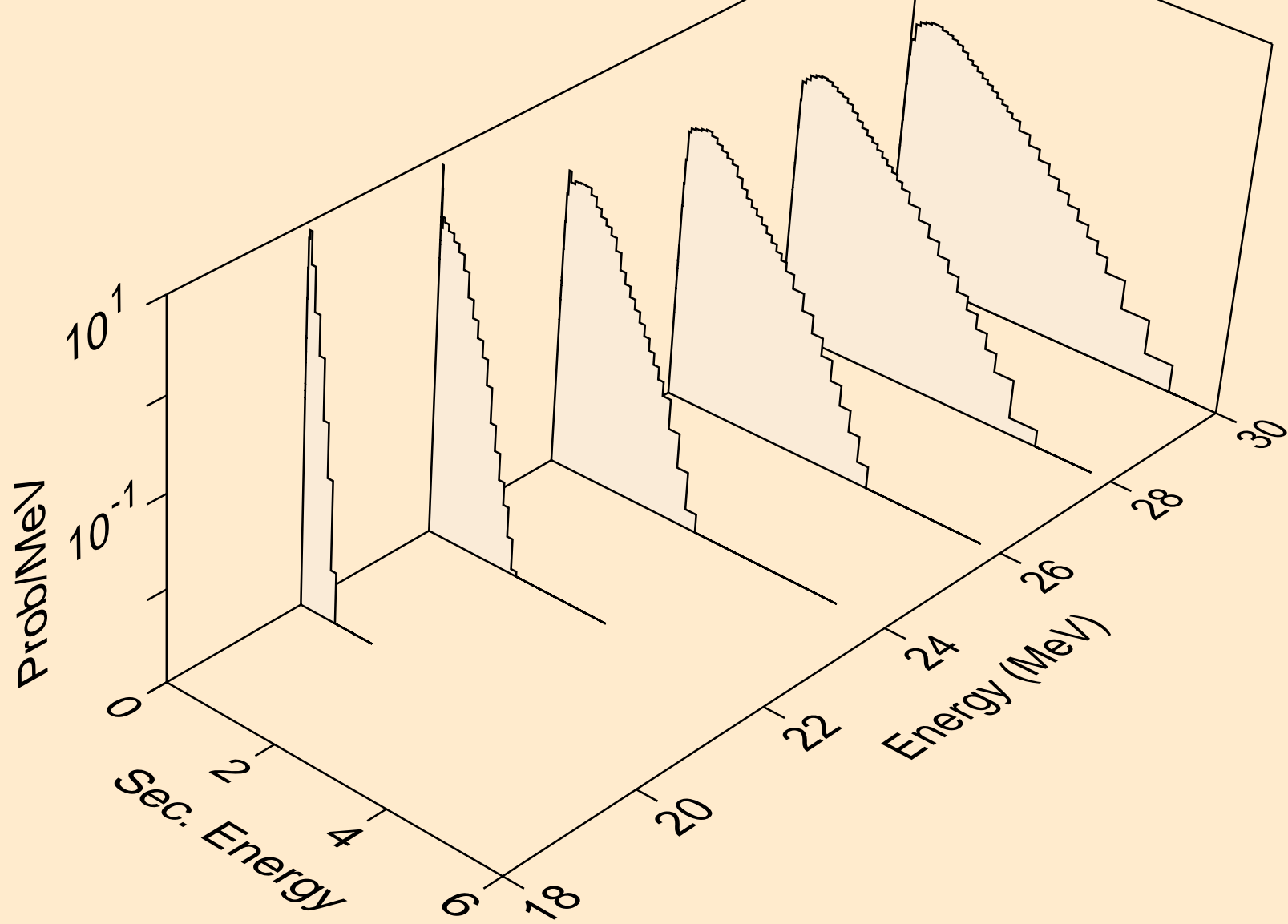
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Neutron emission for (n,n\*)p



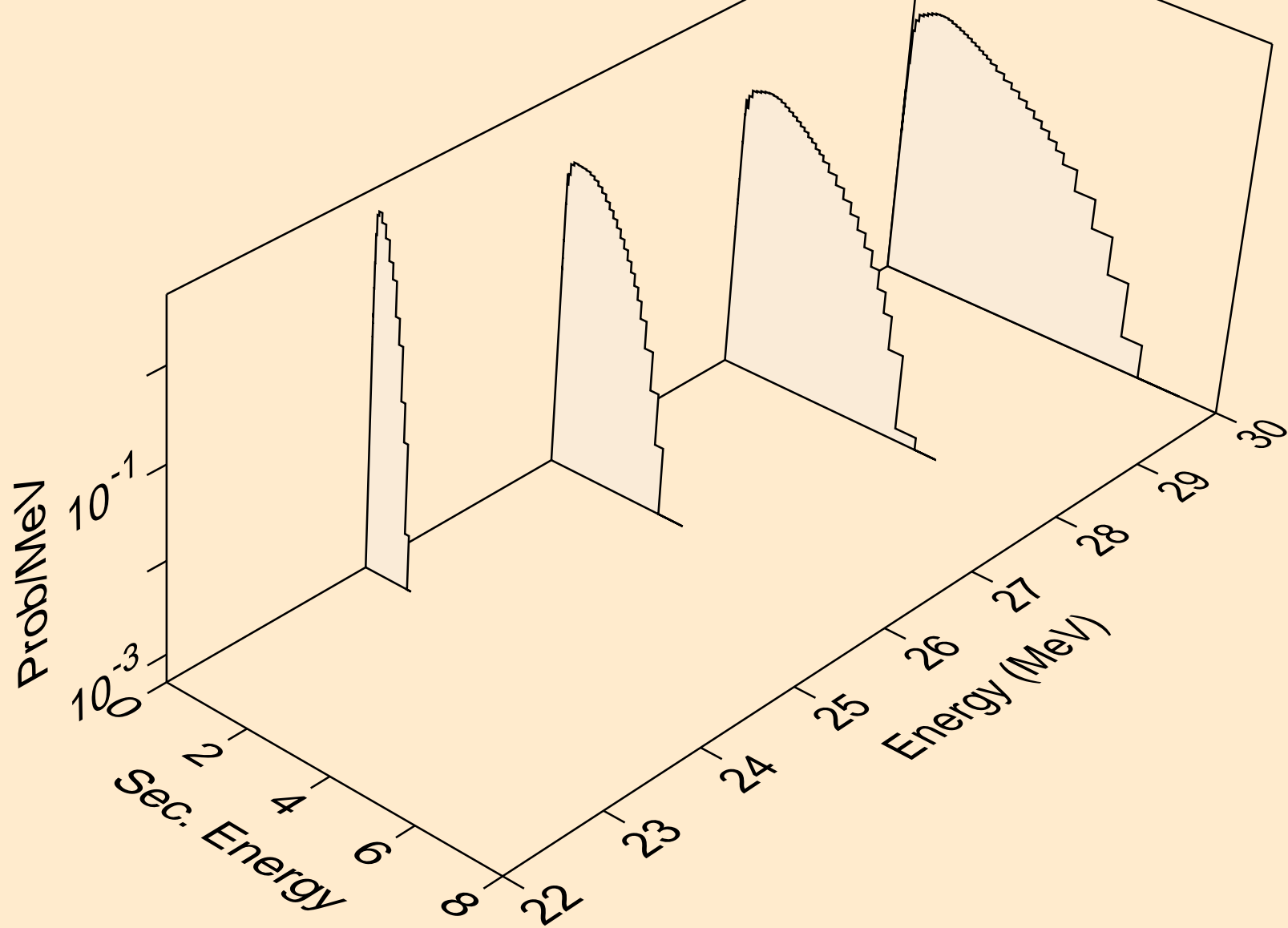
ZN074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



ZN074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t

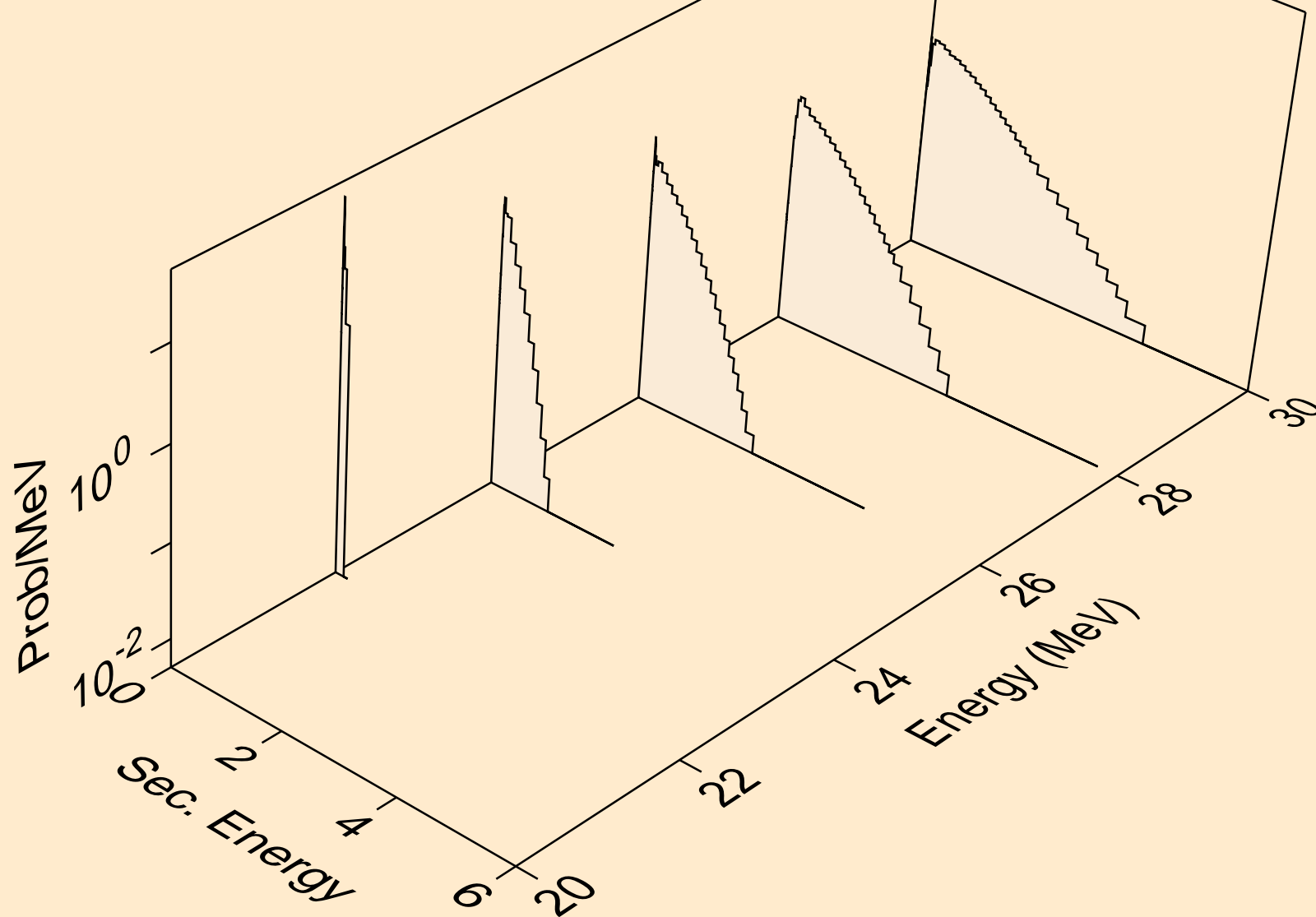


ZN074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)

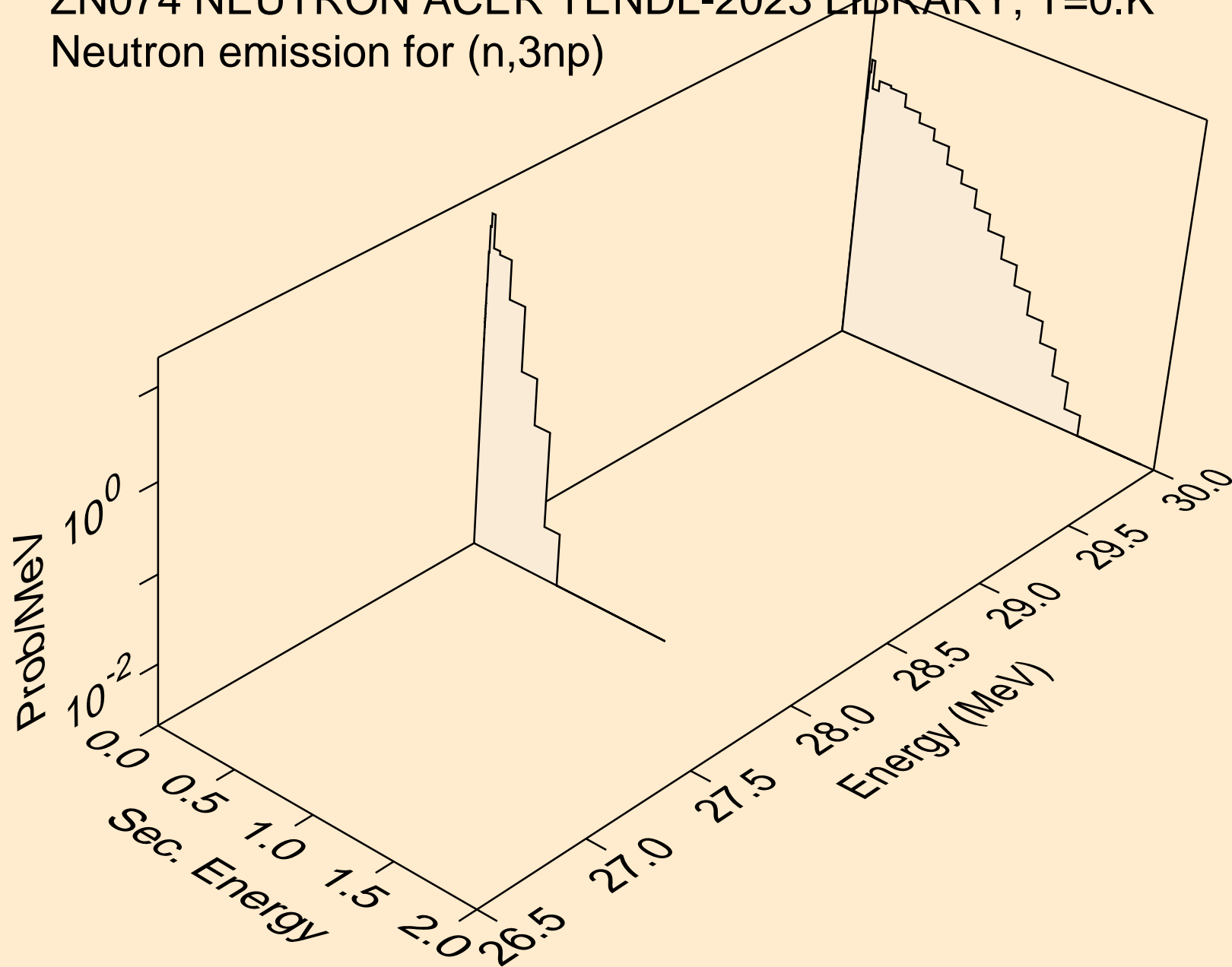




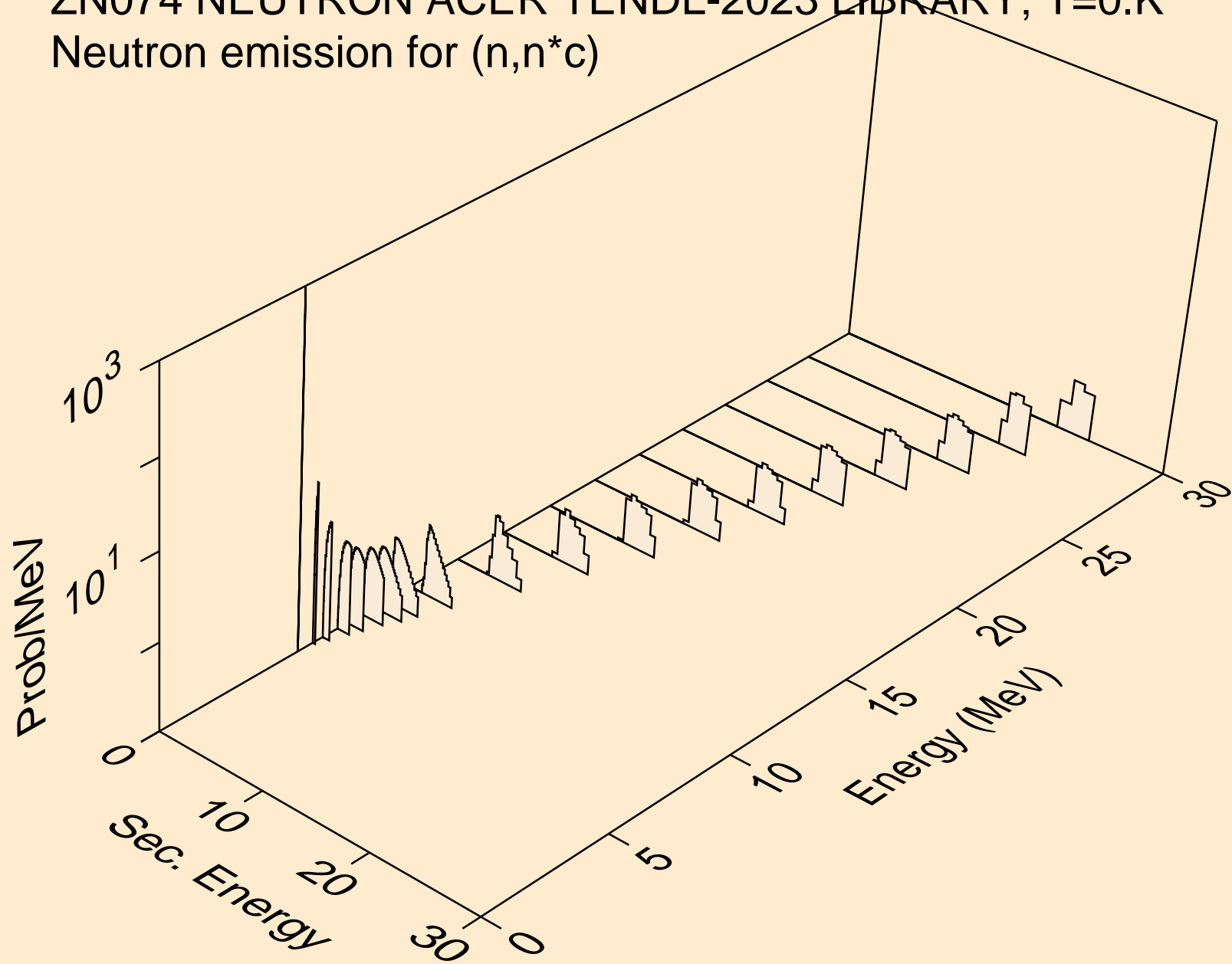
ZN074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)



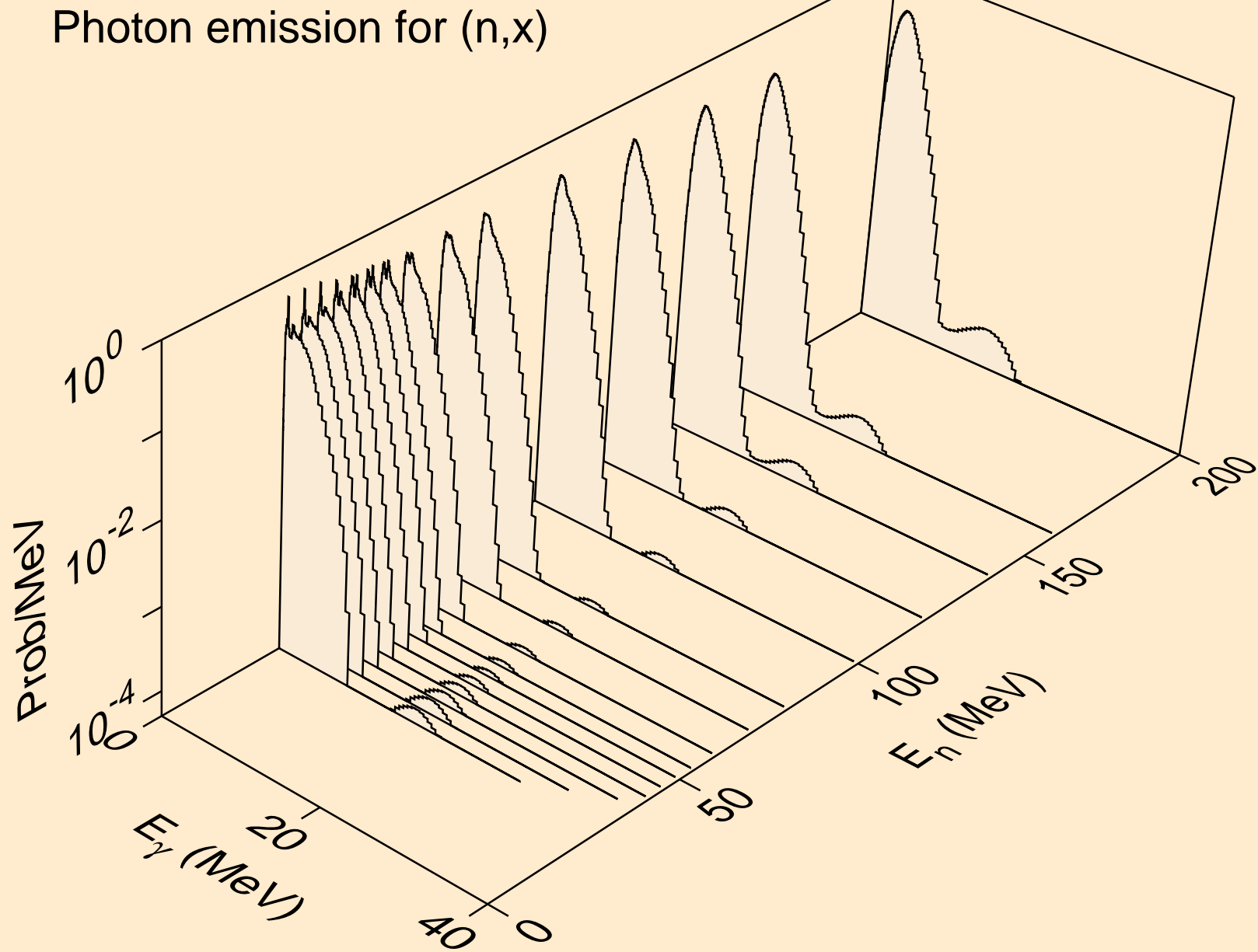
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Neutron emission for (n,3np)



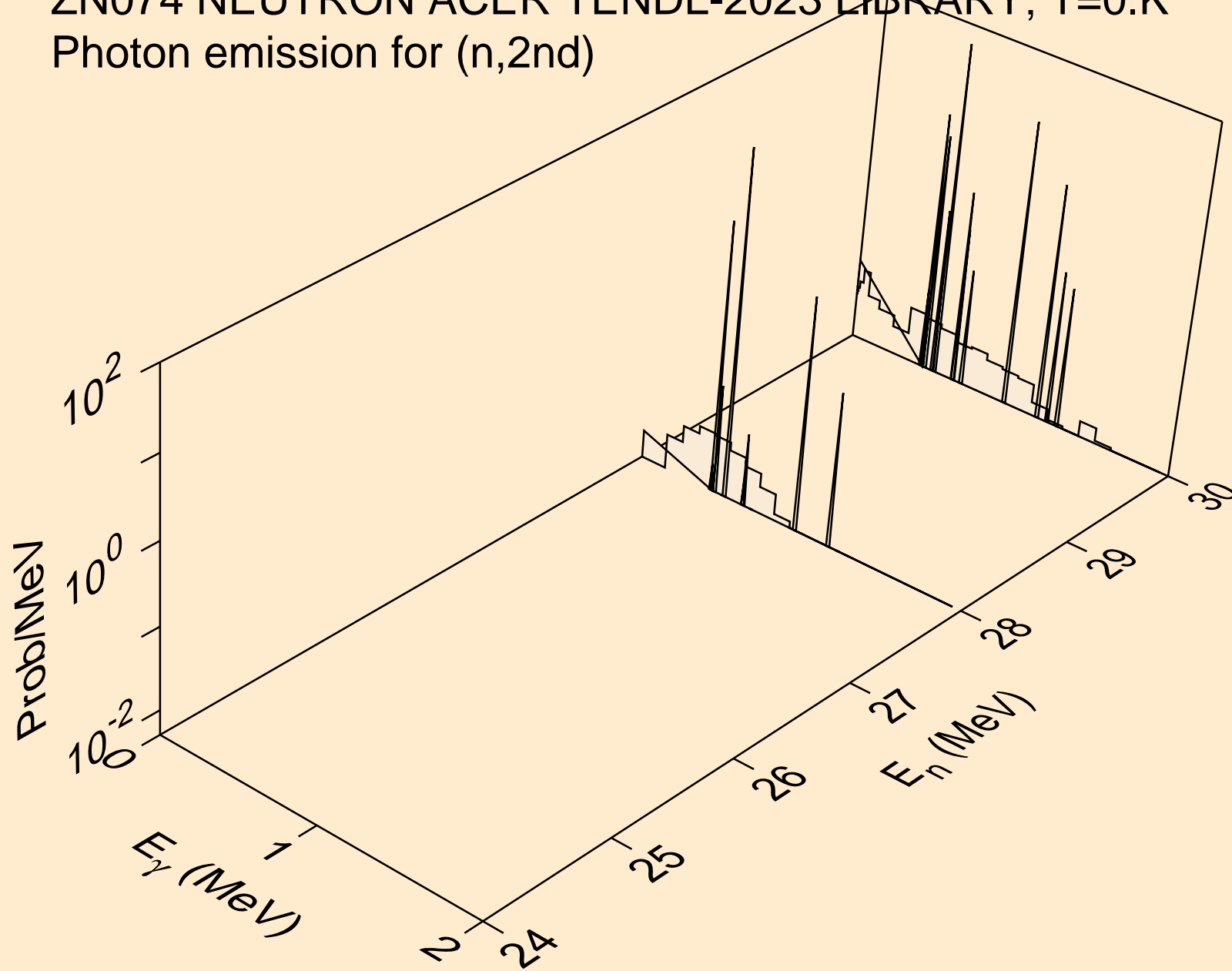
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Neutron emission for (n,n\*c)



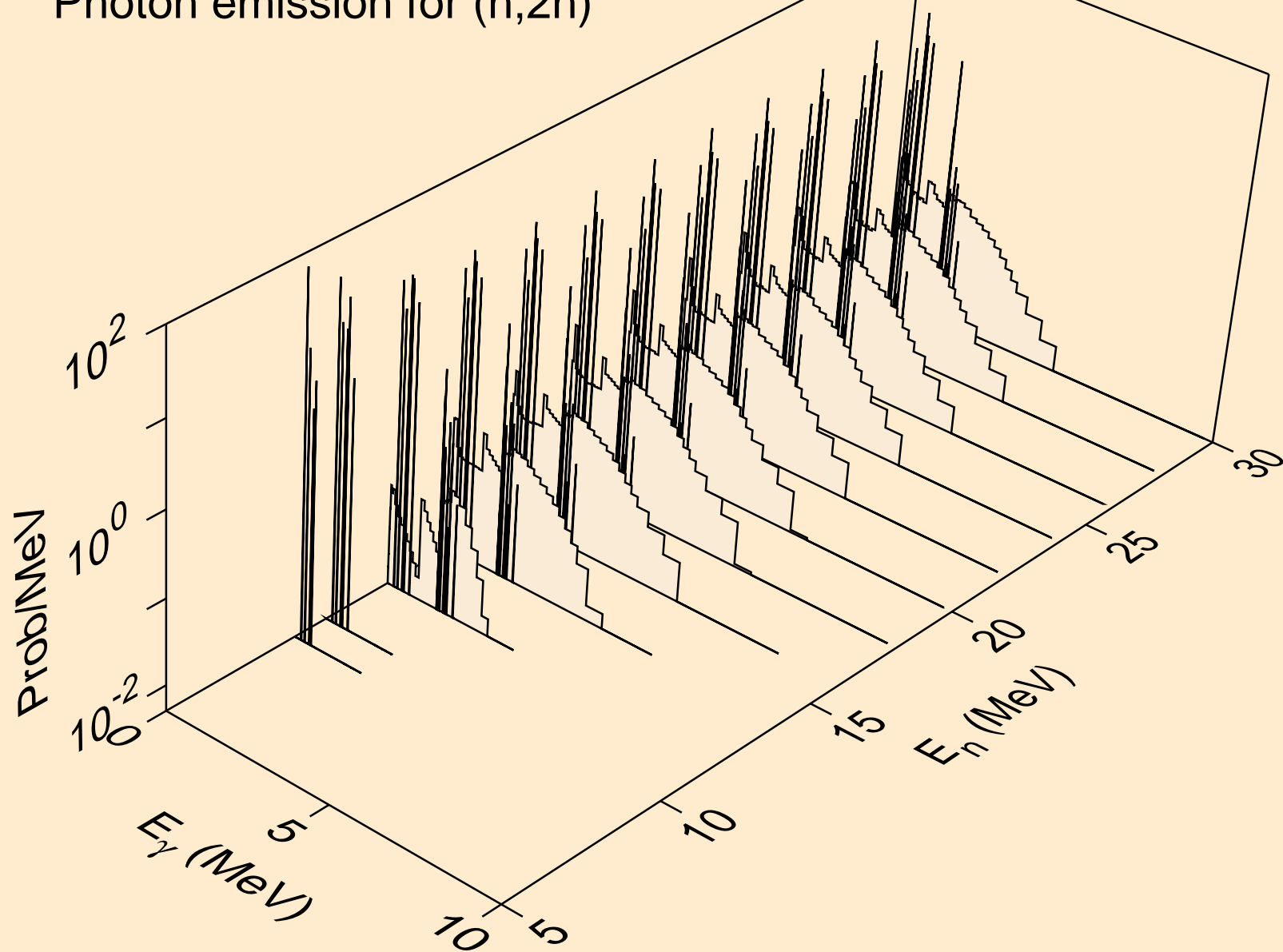
ZN074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



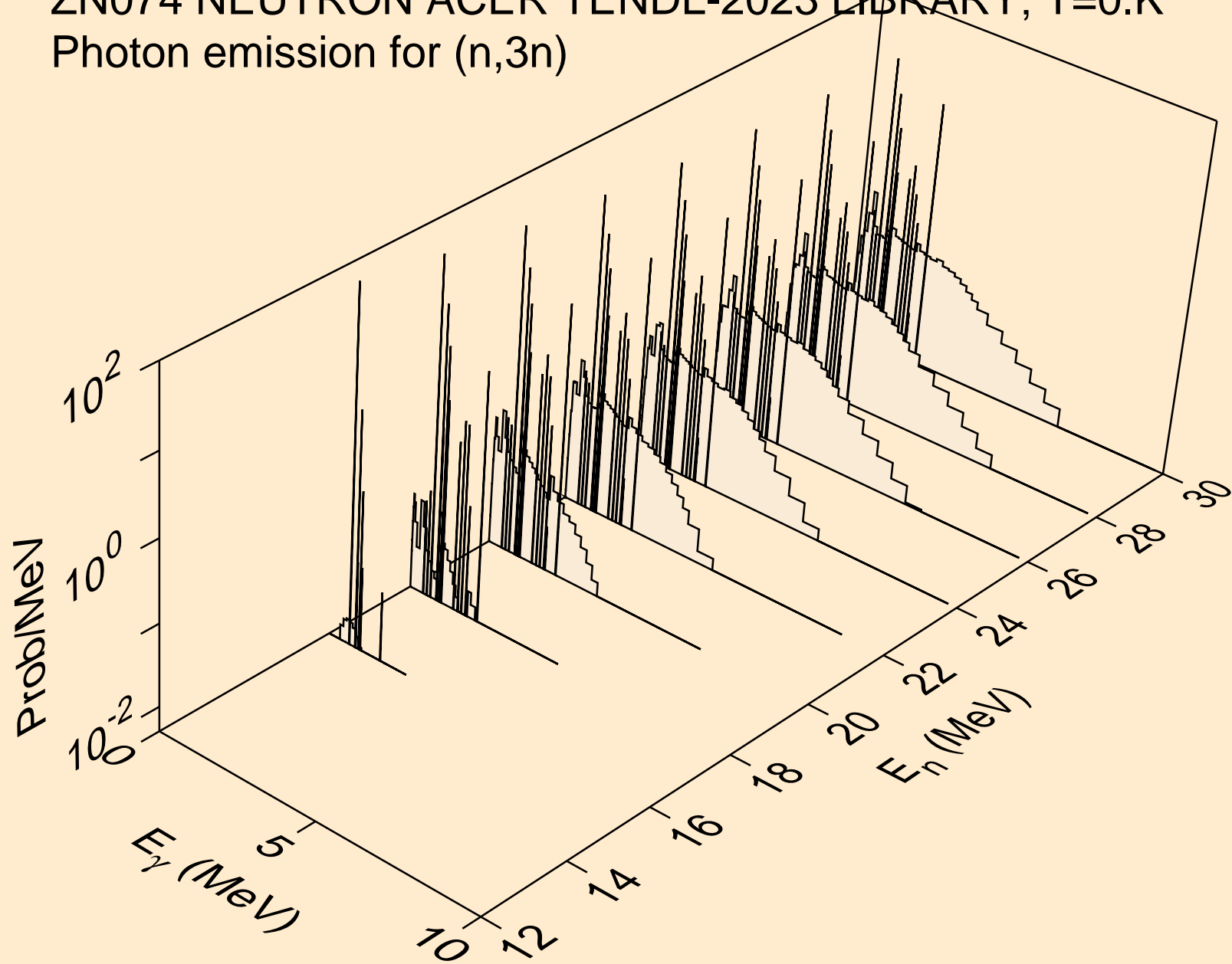
ZN074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



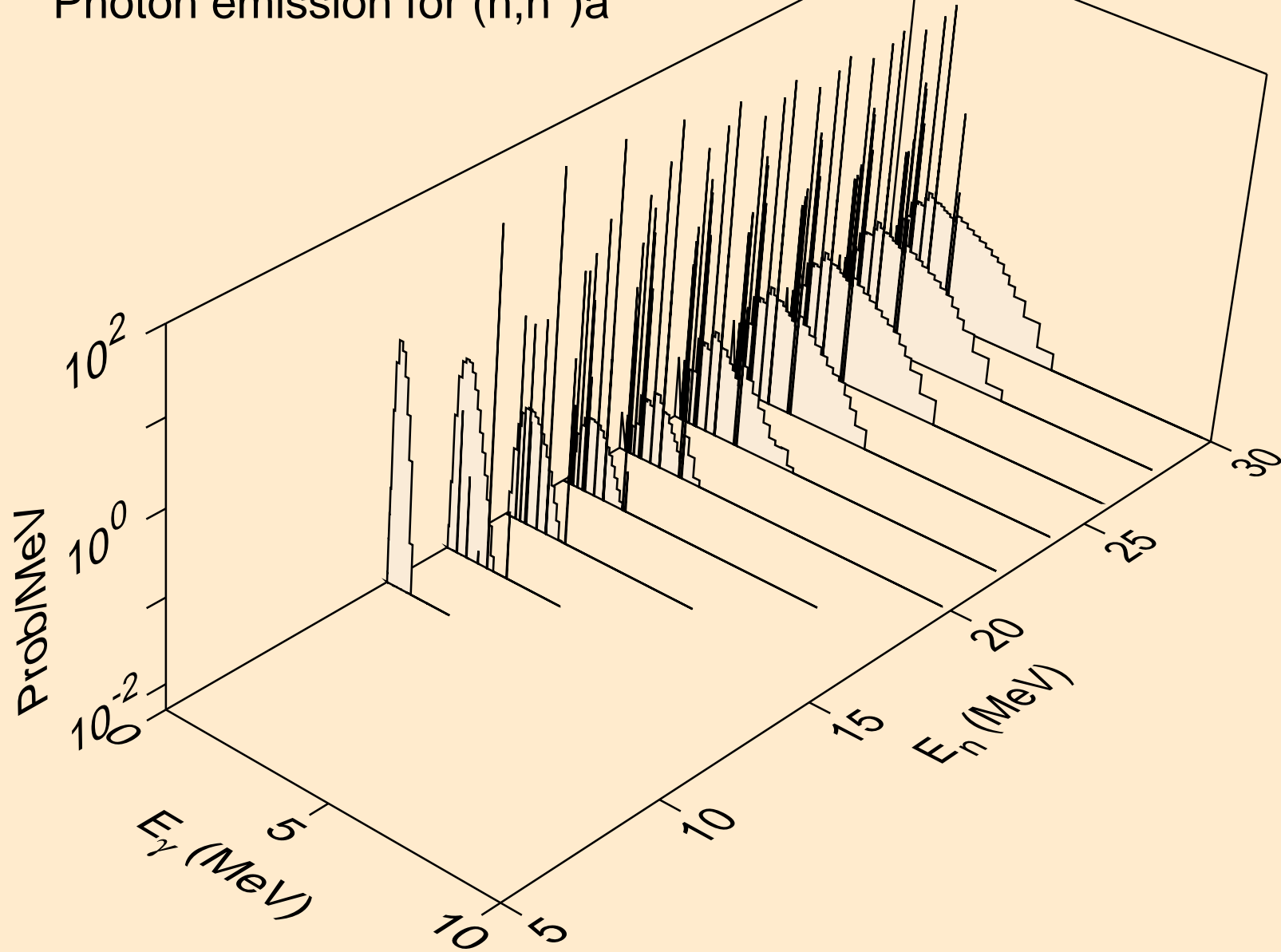
ZN074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



ZN074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)

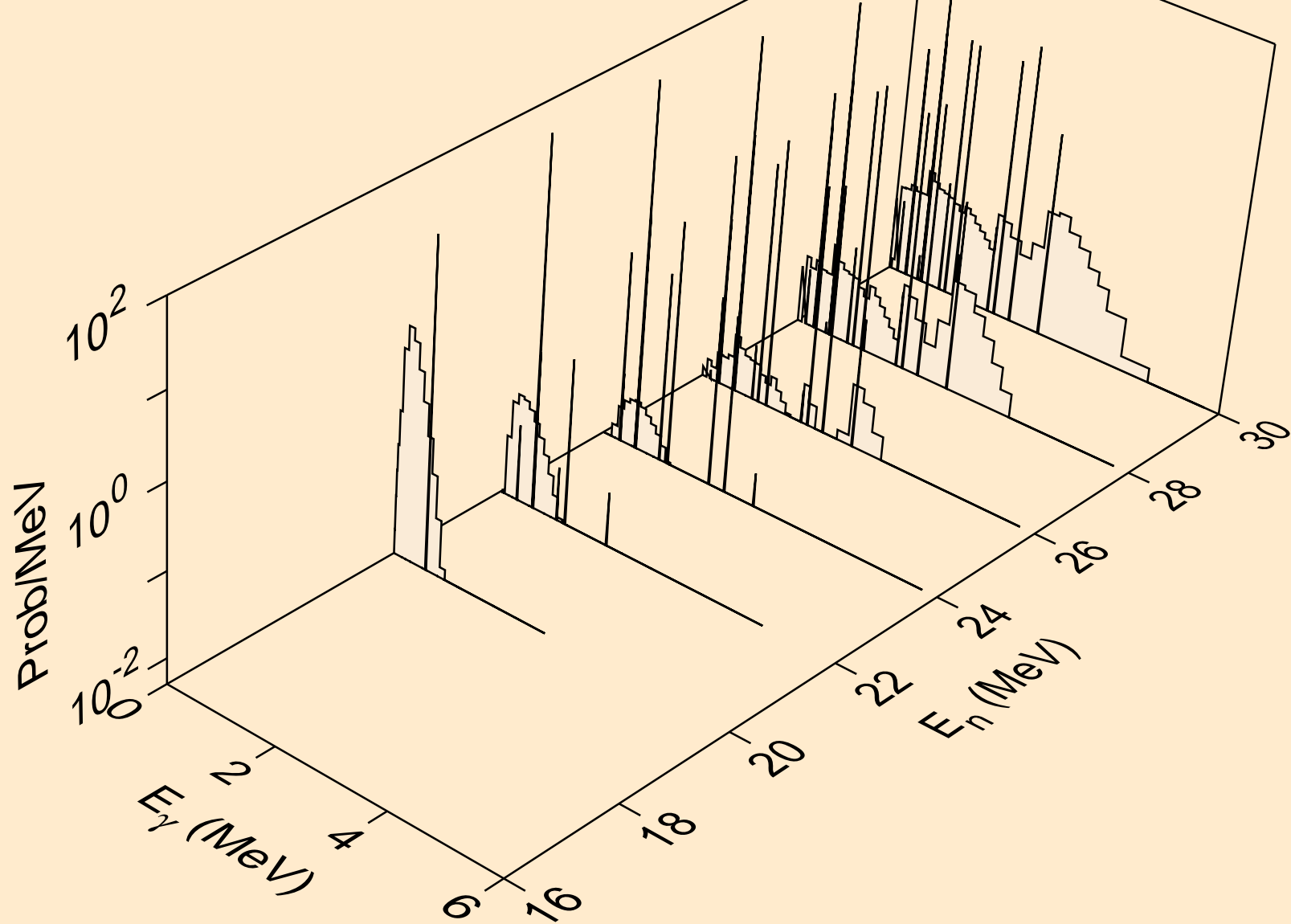


ZN074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

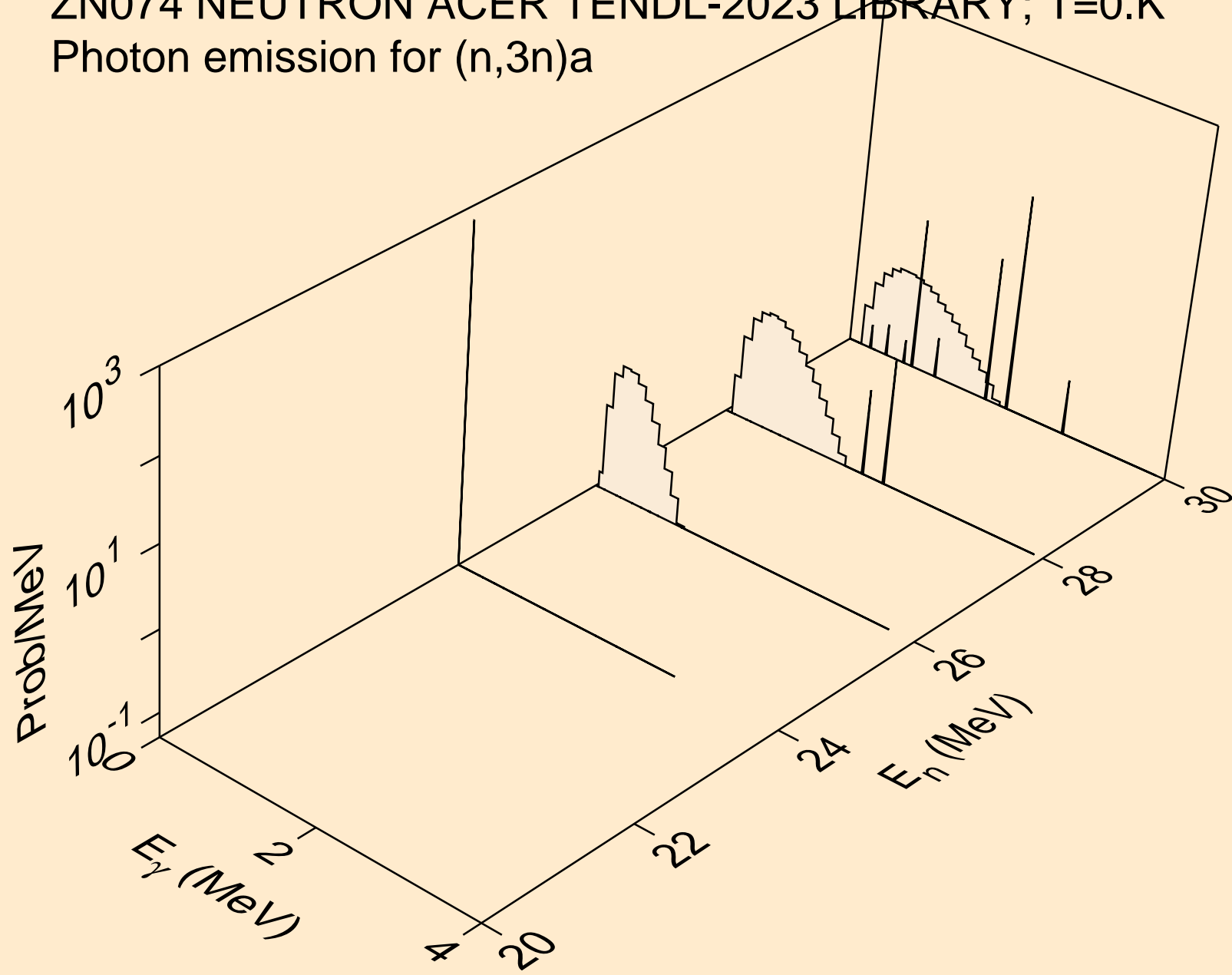




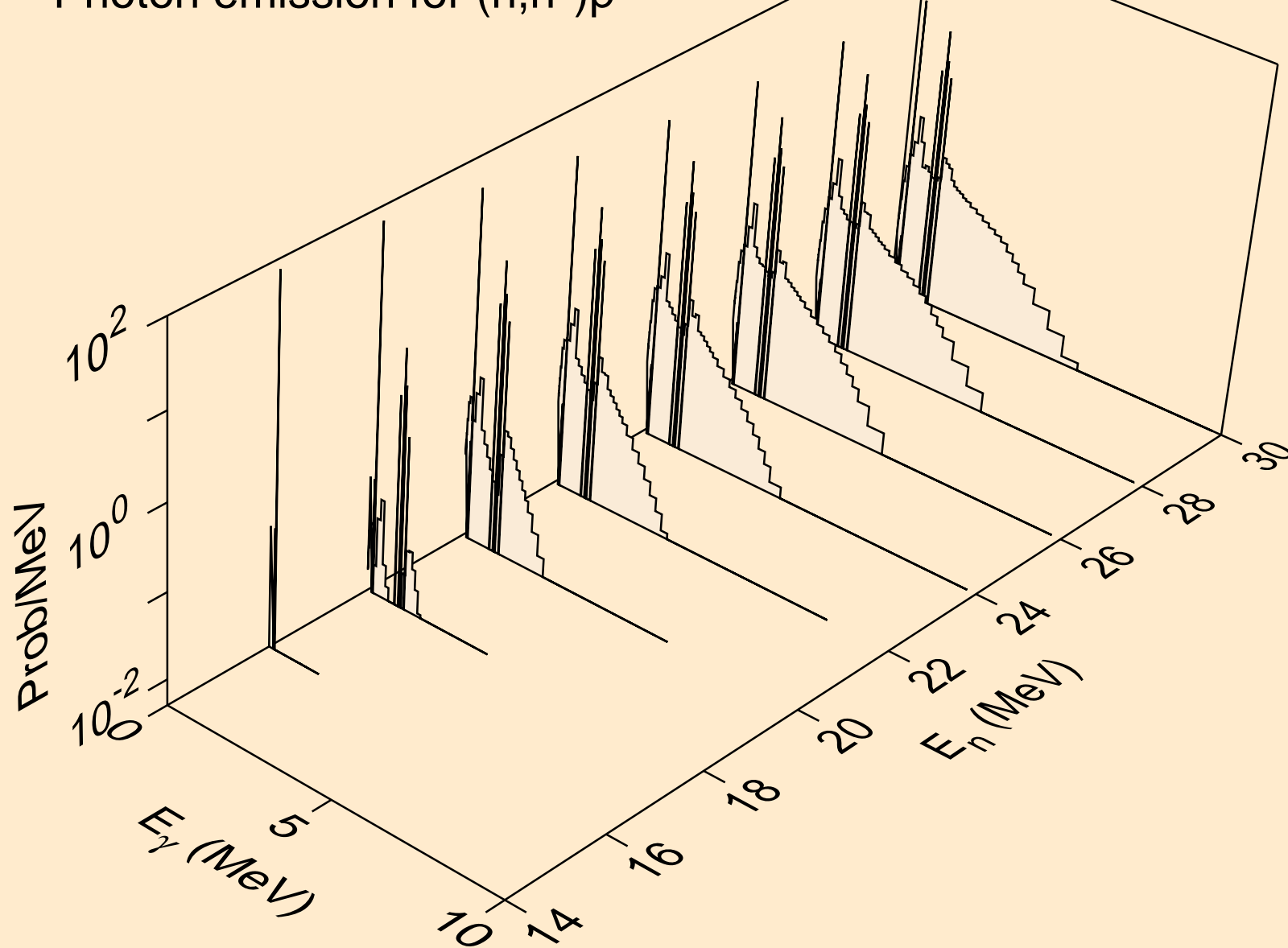
ZN074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



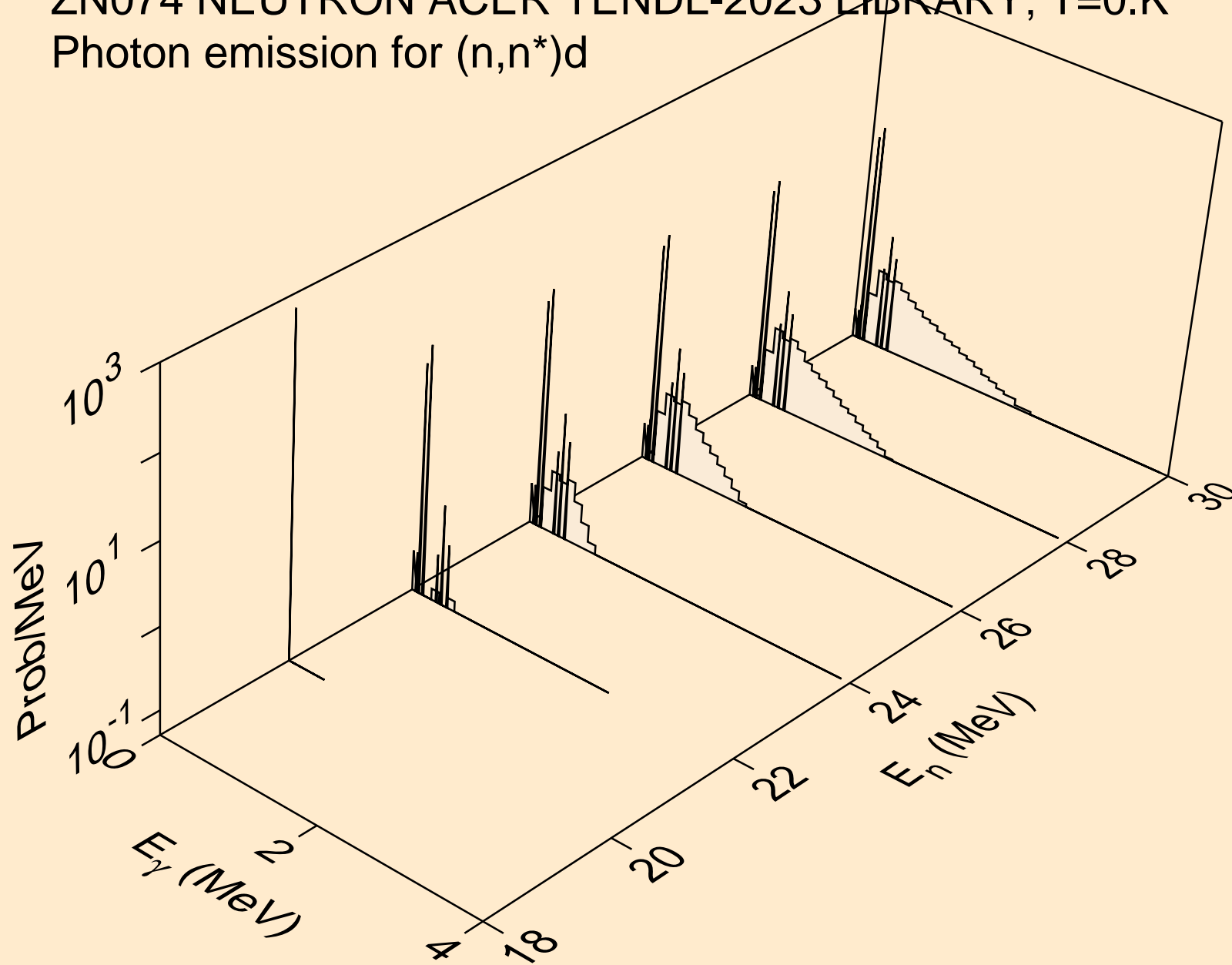
ZN074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



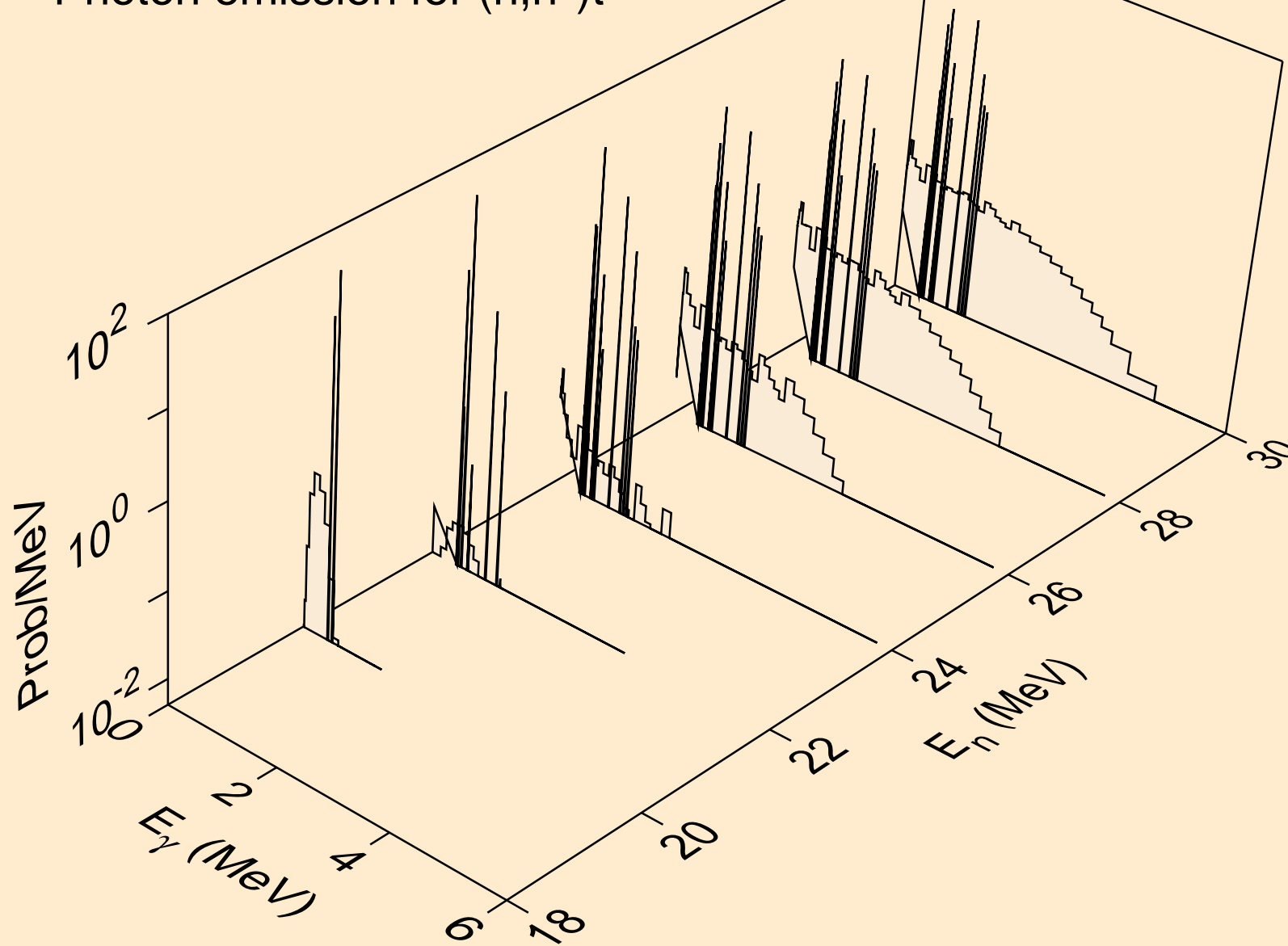
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Photon emission for (n,n\*)p



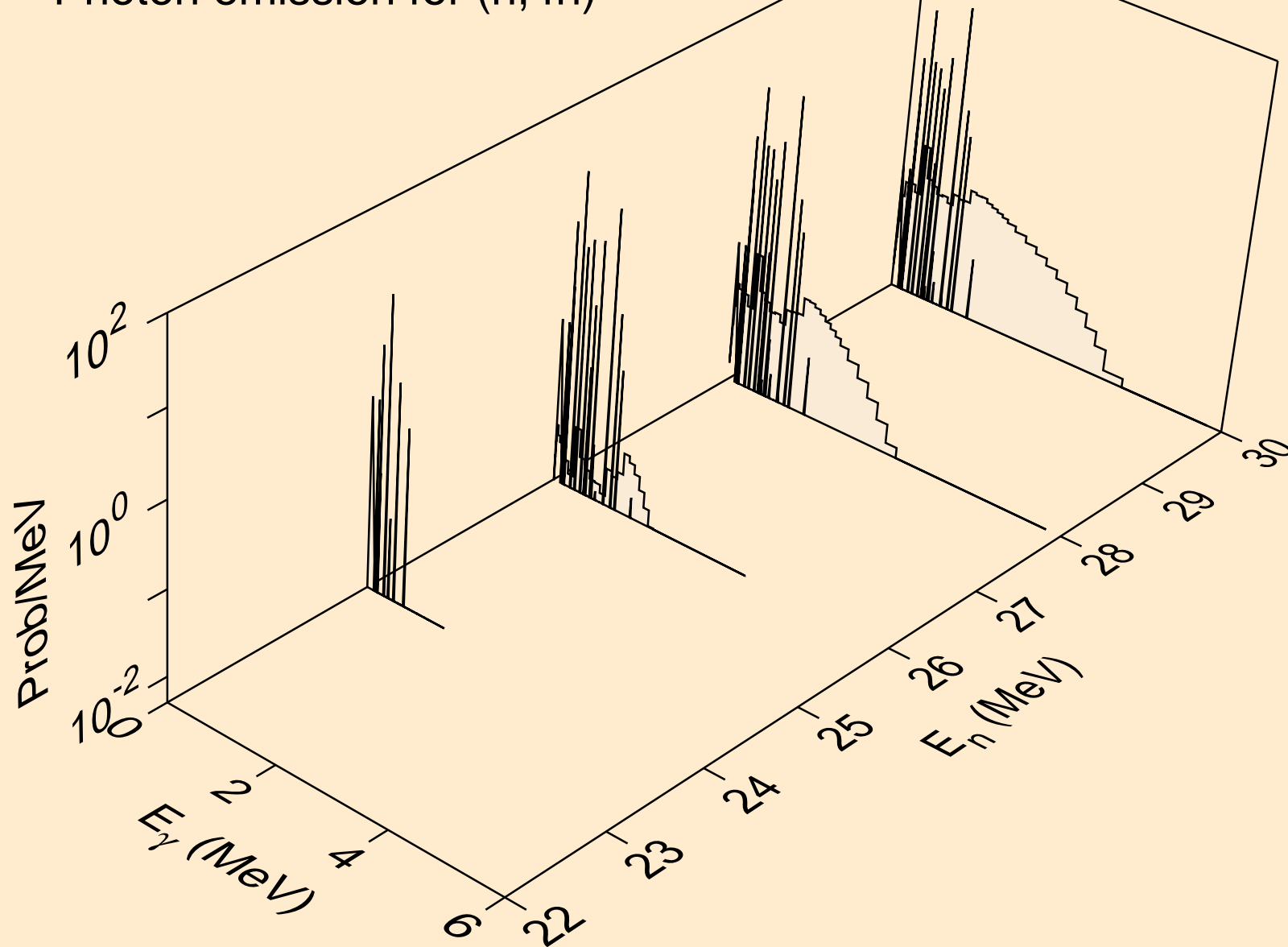
ZN074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



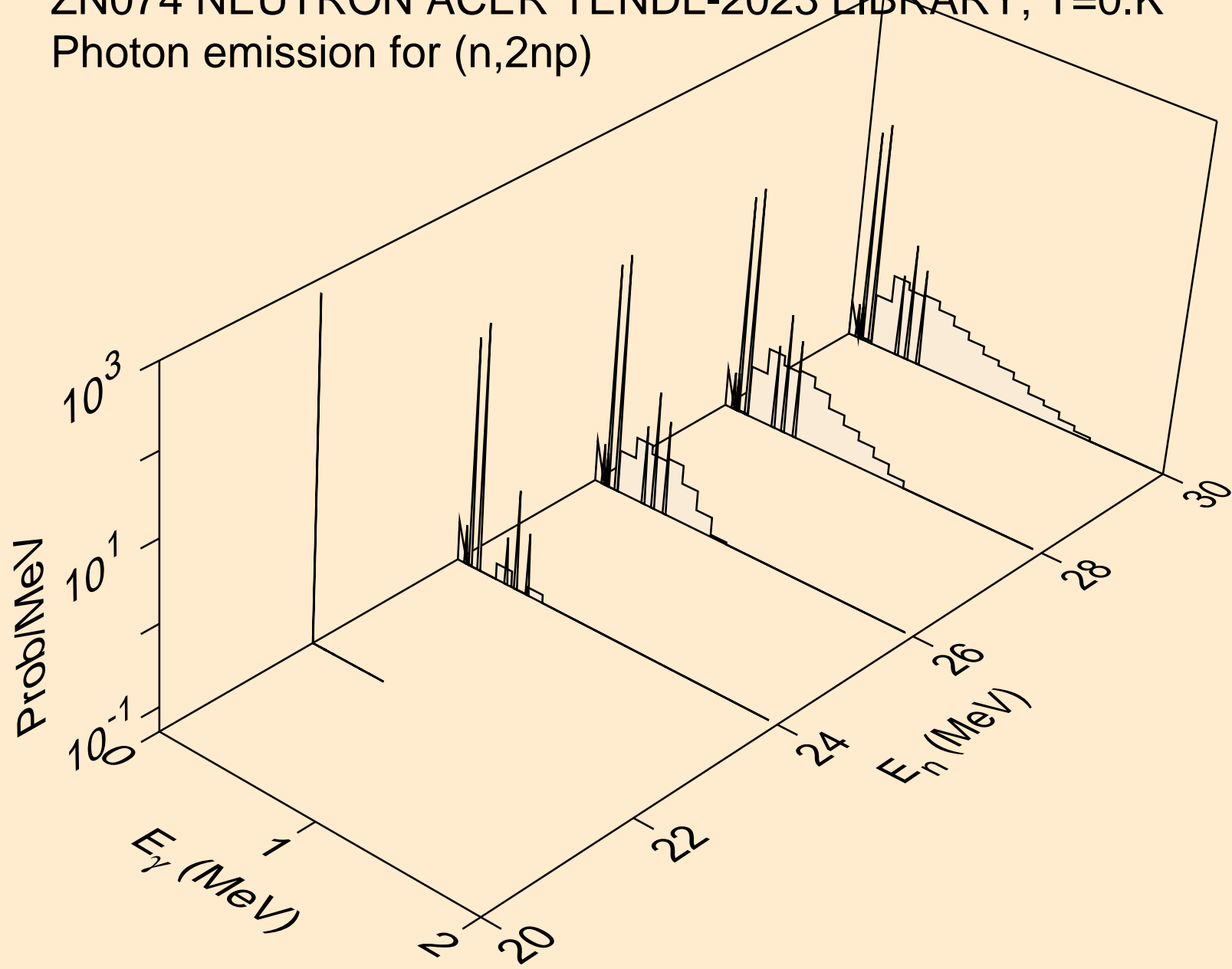
ZN074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



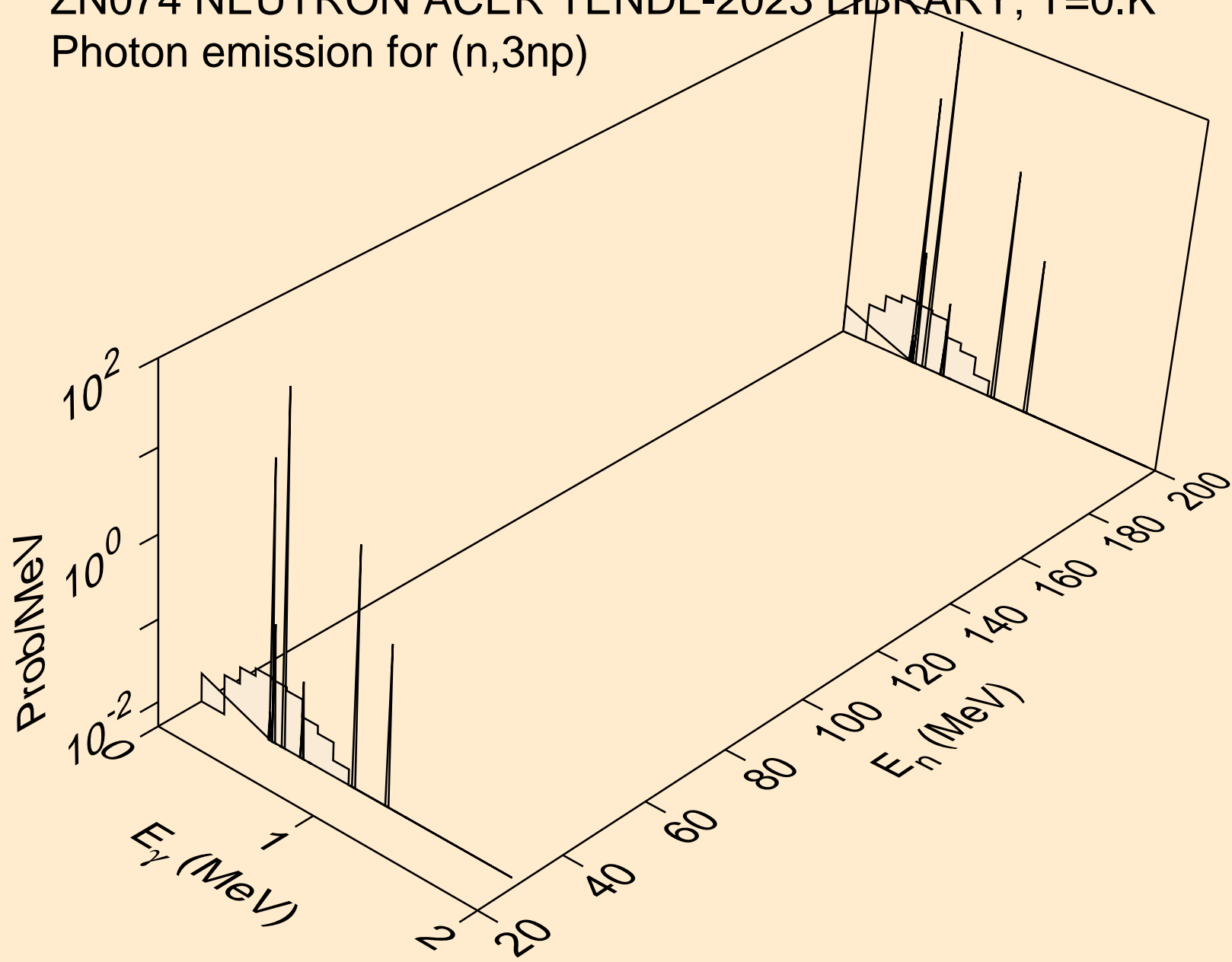
ZN074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



ZN074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

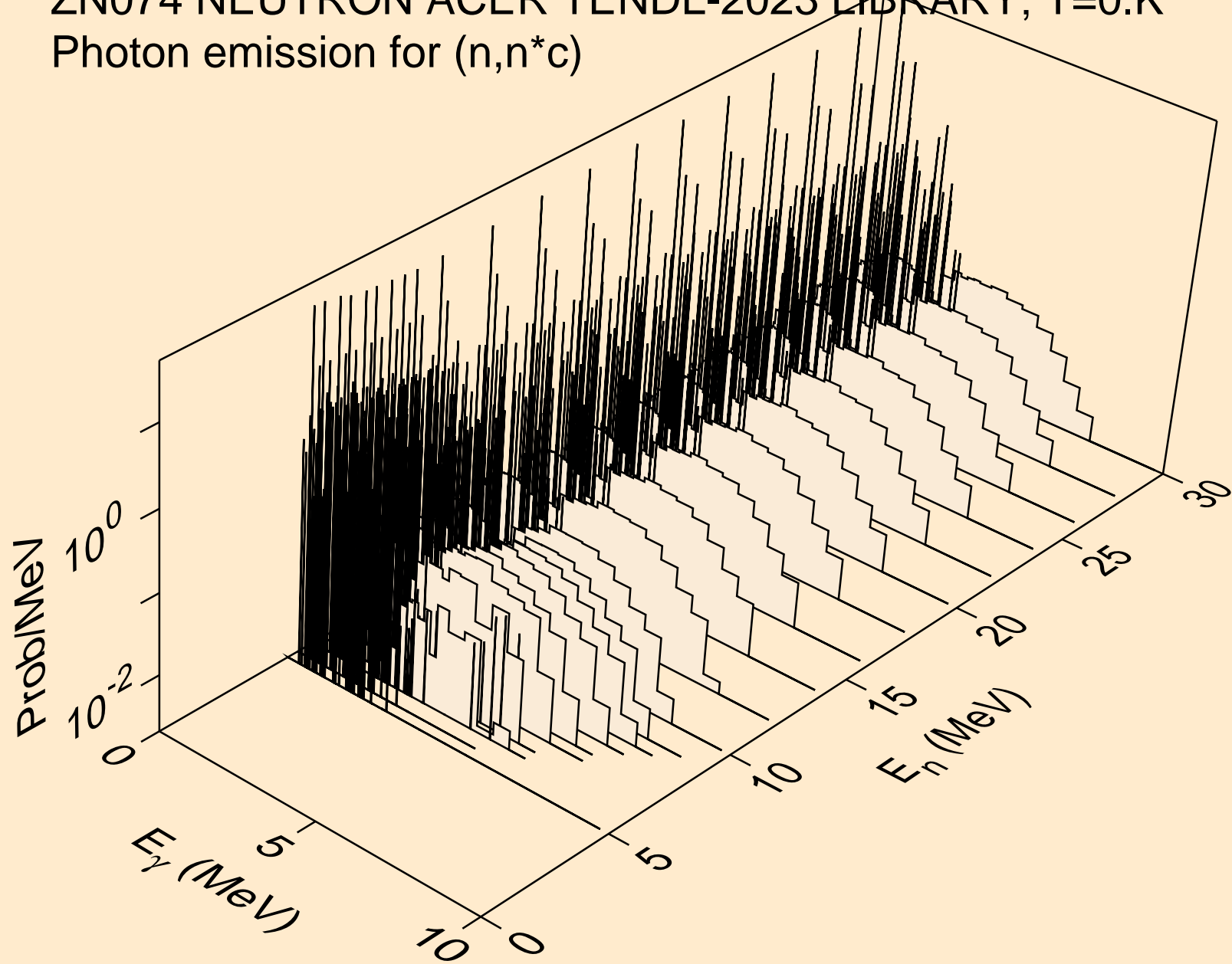


ZN074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)

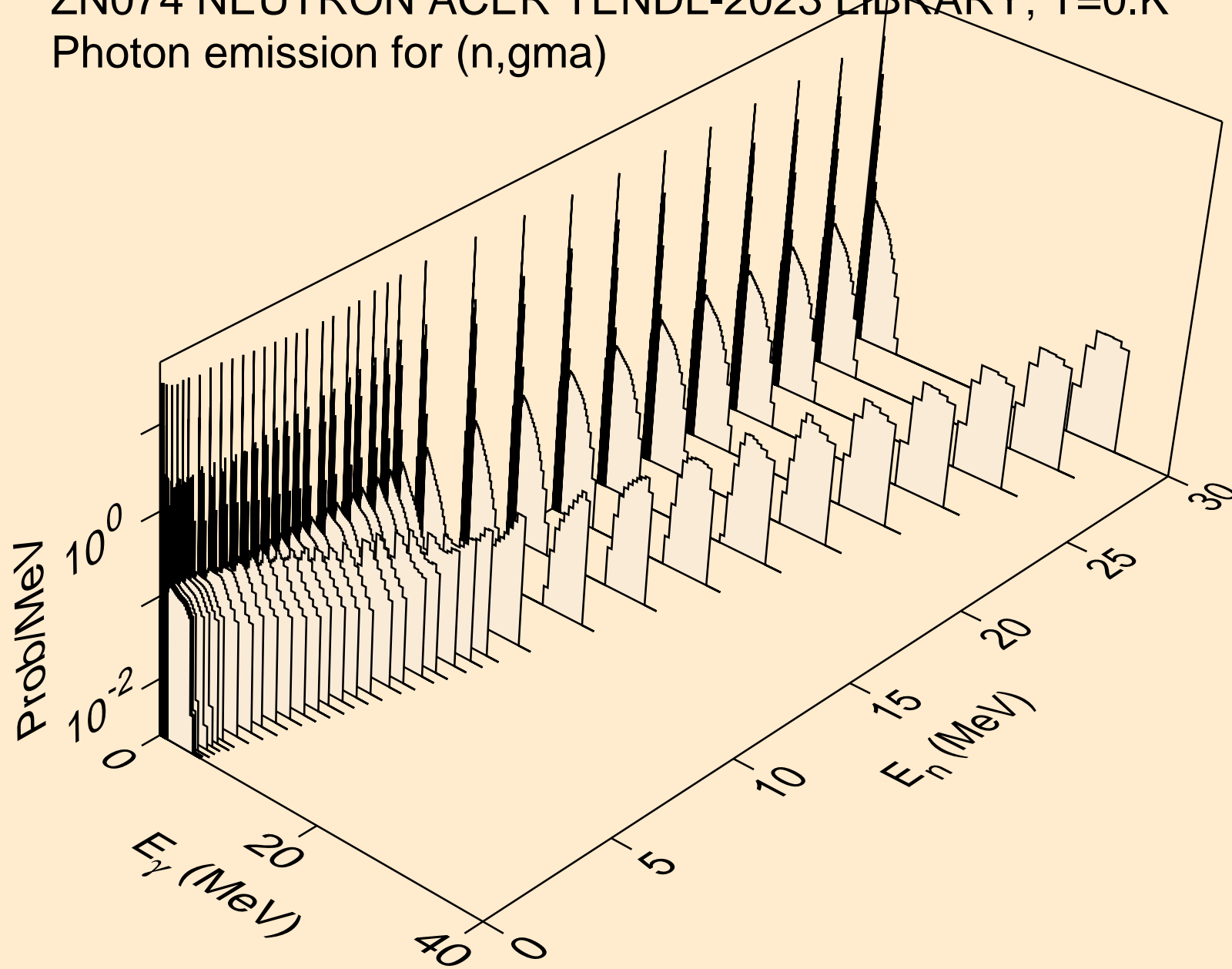




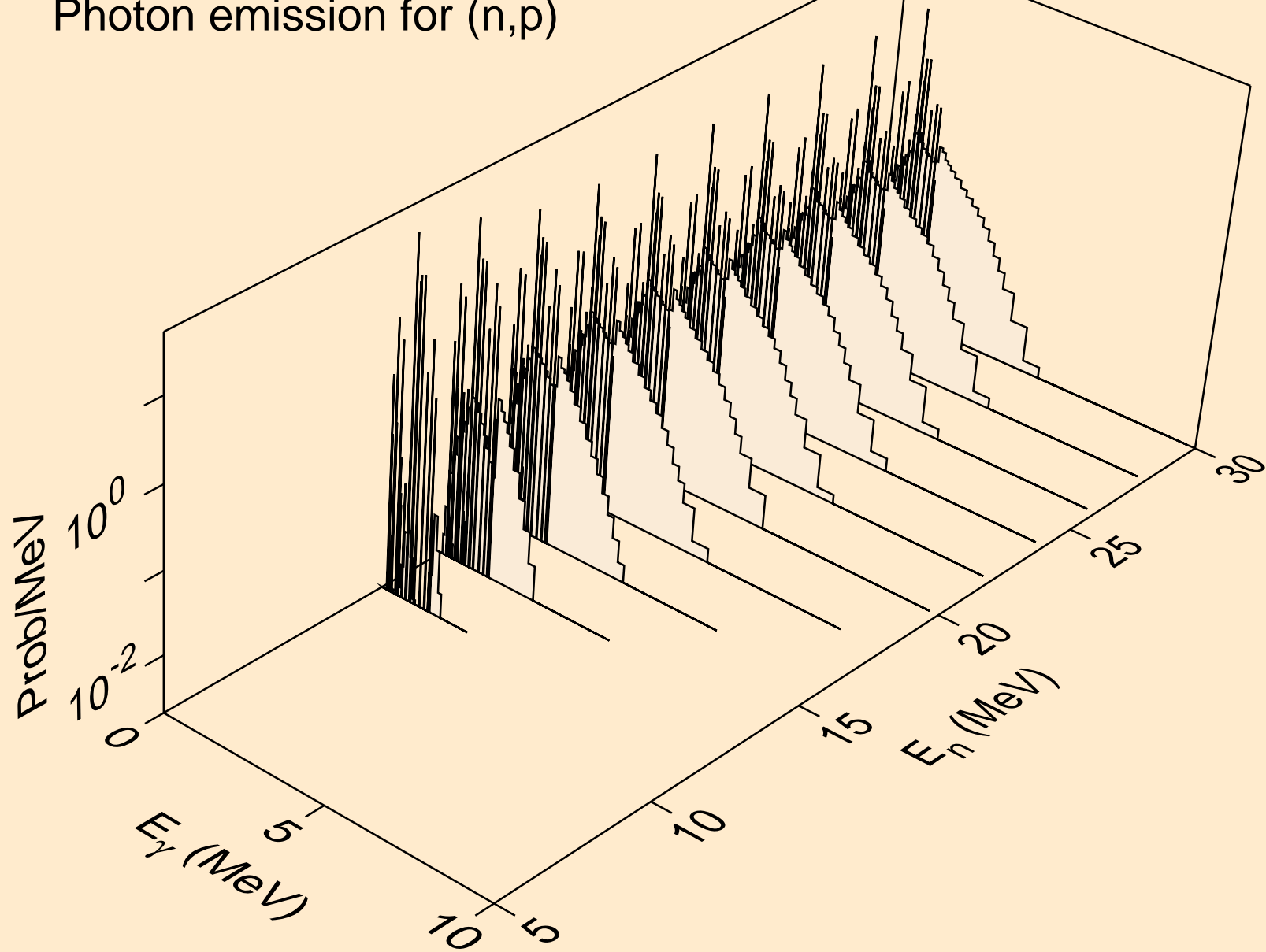
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Photon emission for (n,n\*c)



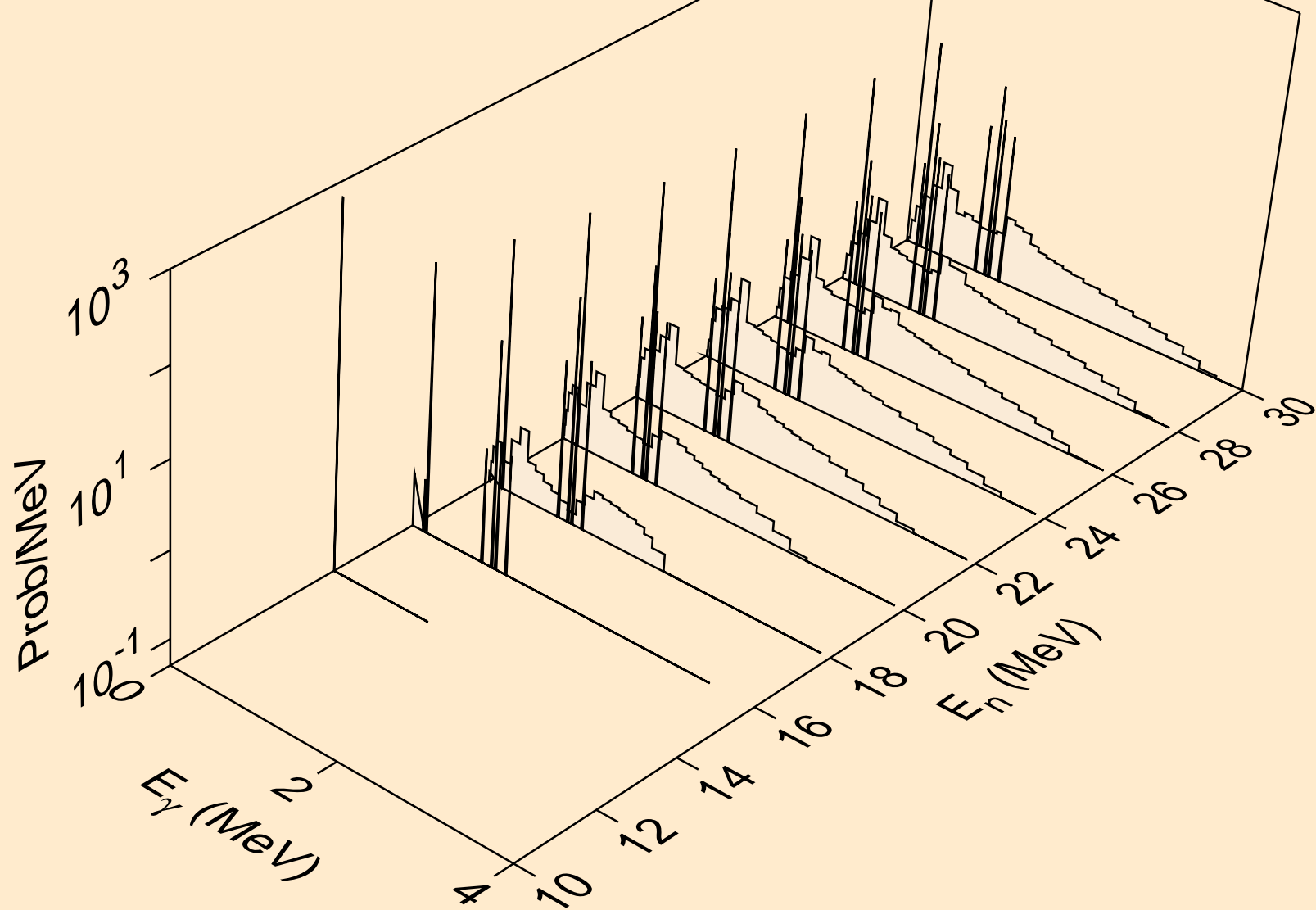
ZN074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



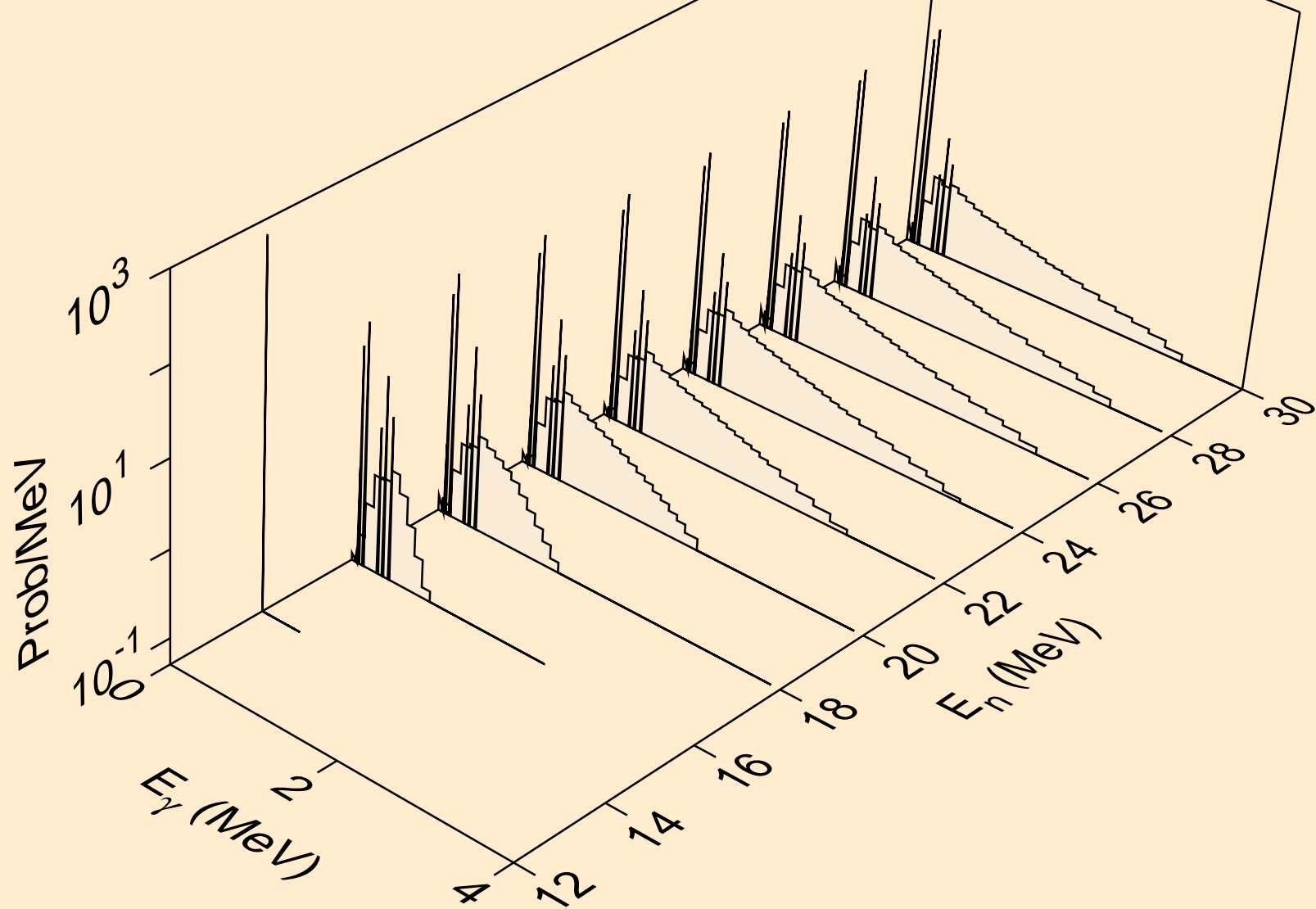
ZN074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



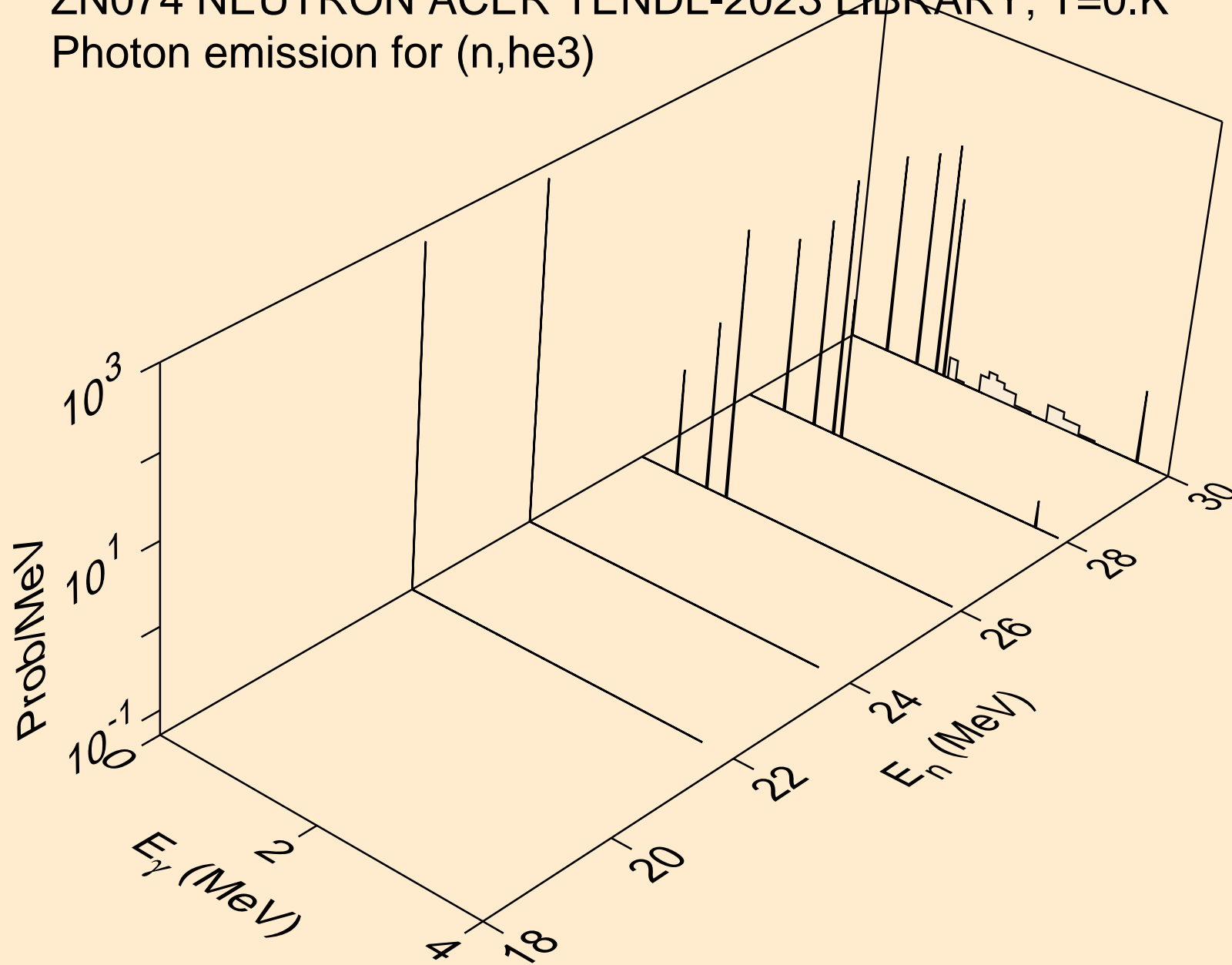
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Photon emission for (n,d)



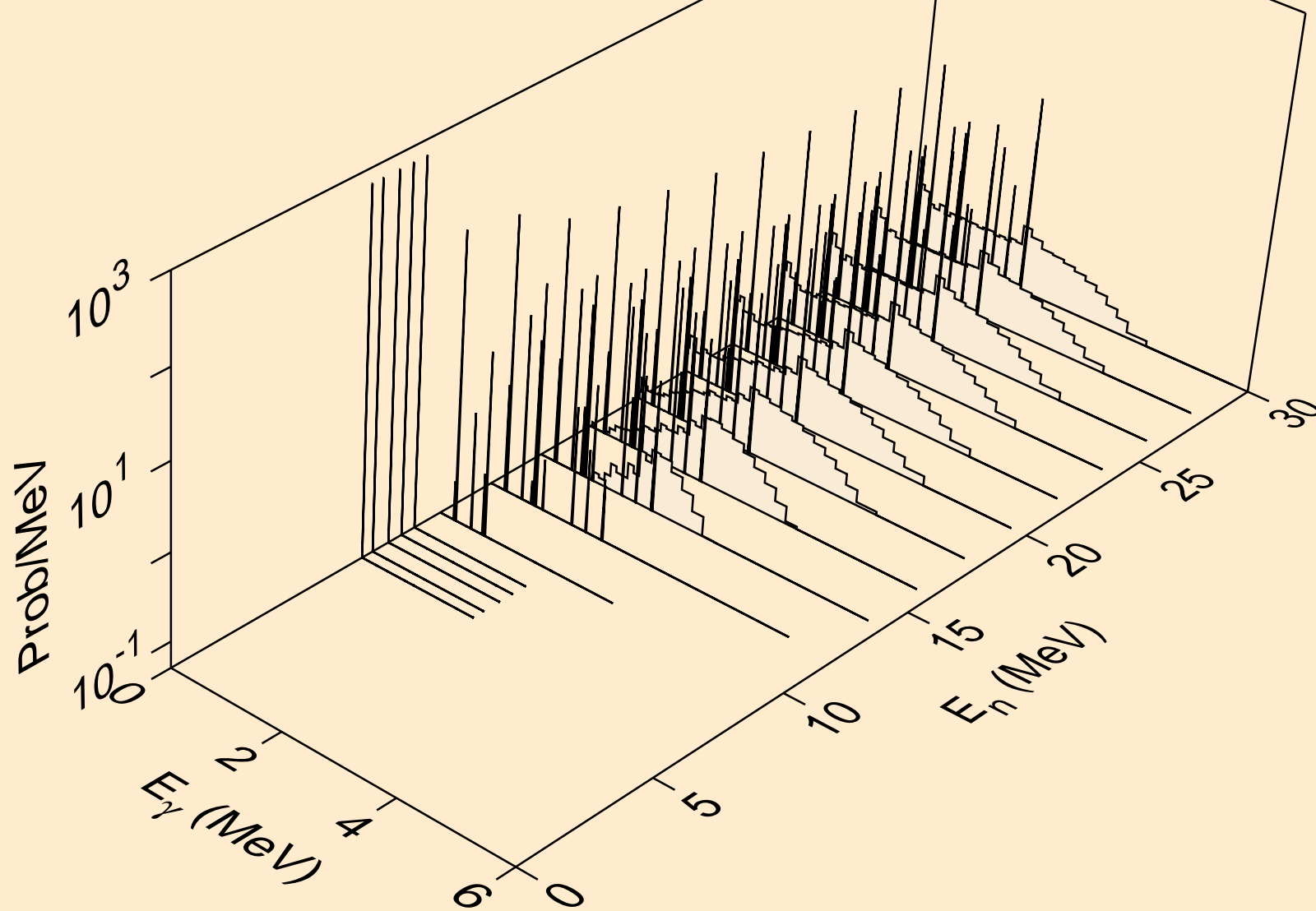
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Photon emission for (n,t)



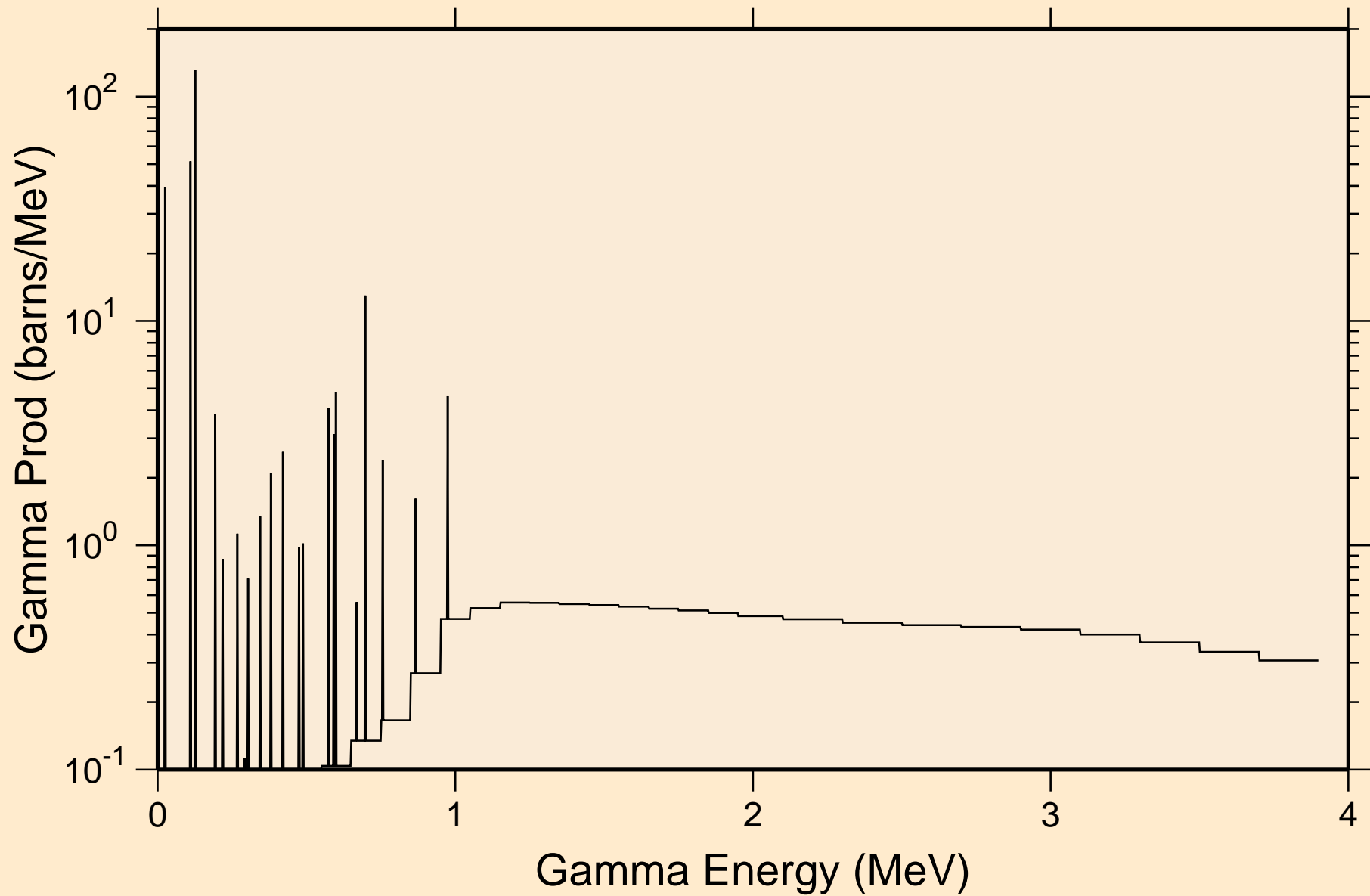
ZN074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



ZN074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)

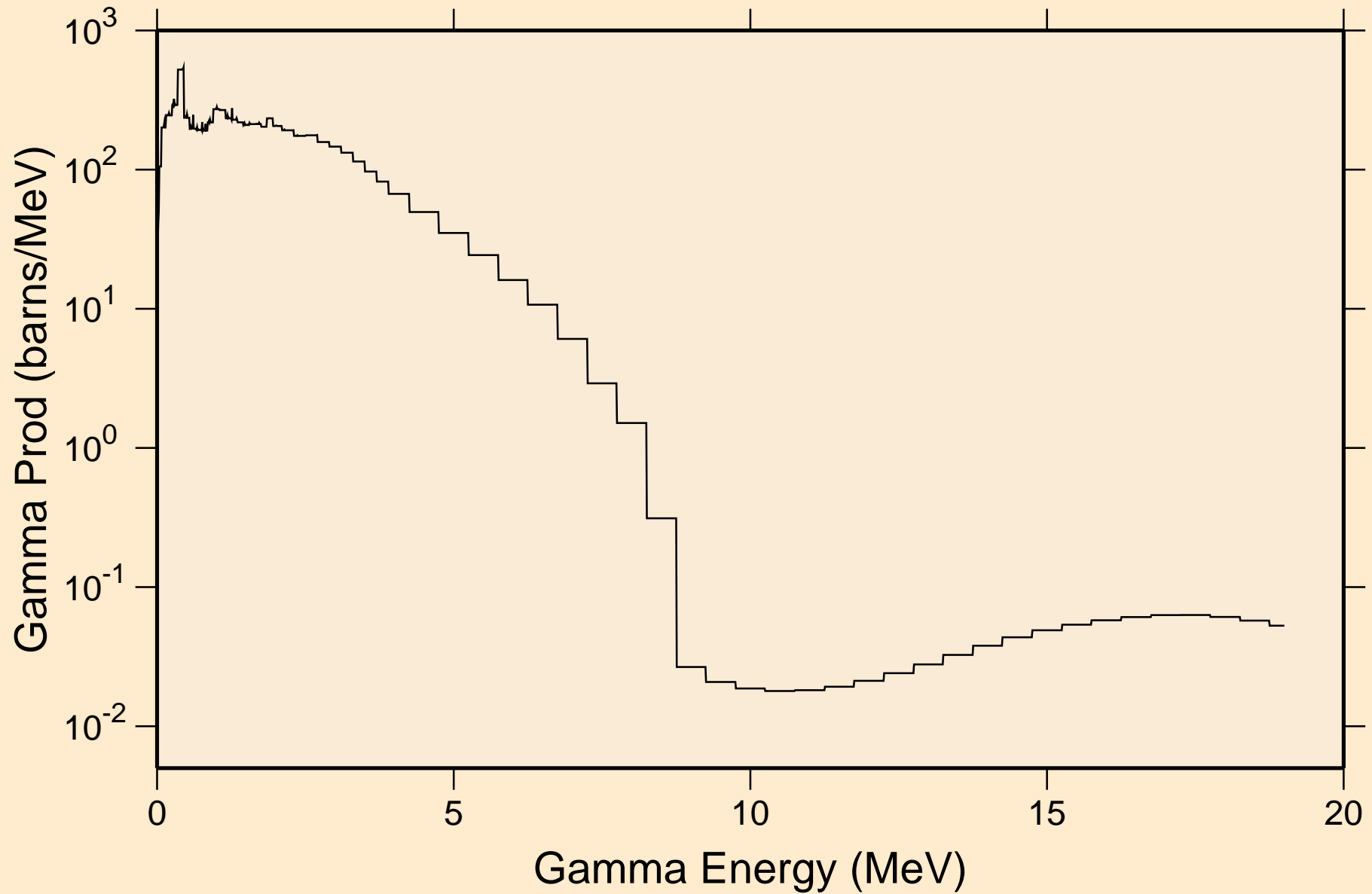


ZN074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum



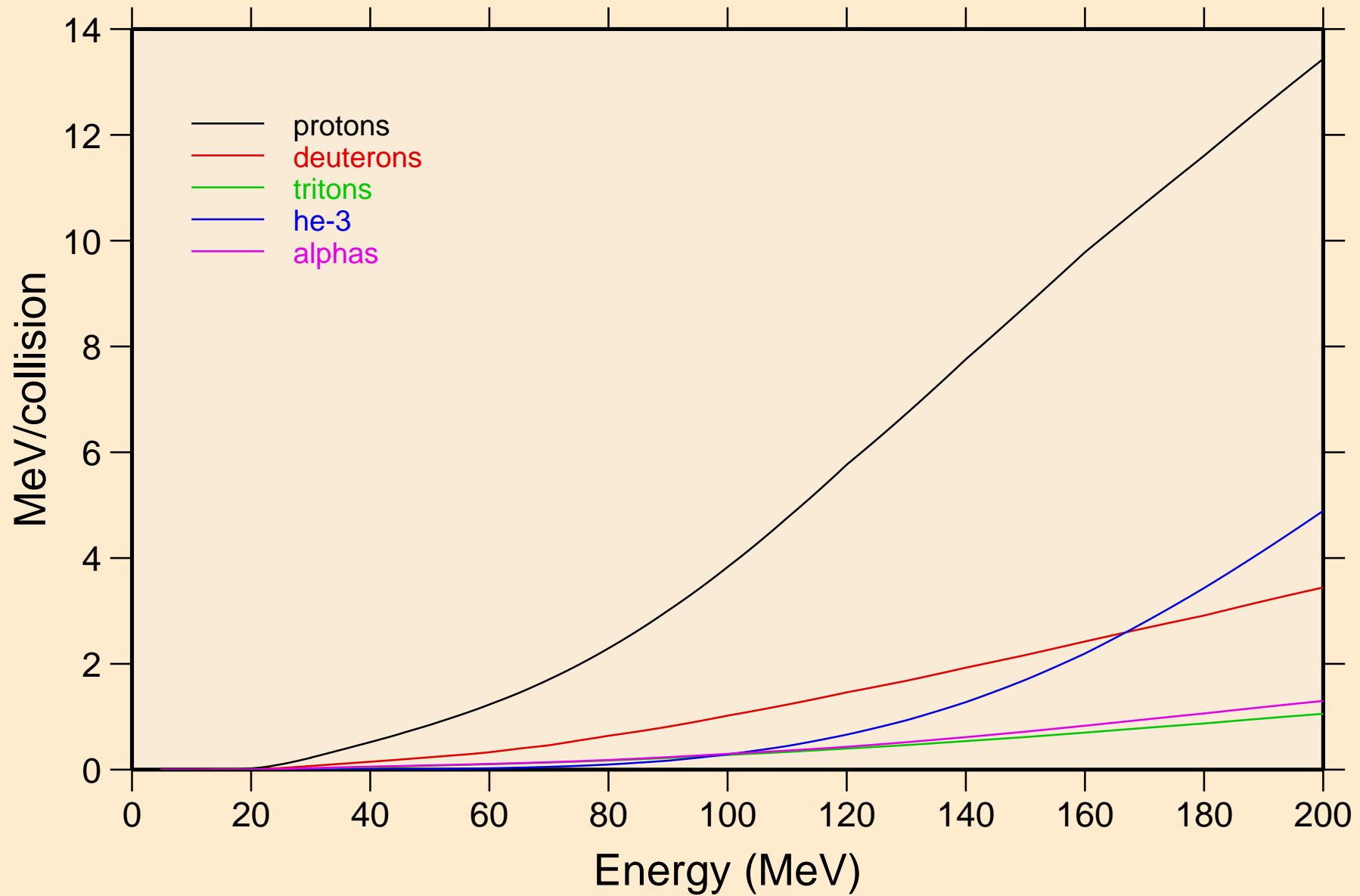


ZN074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum

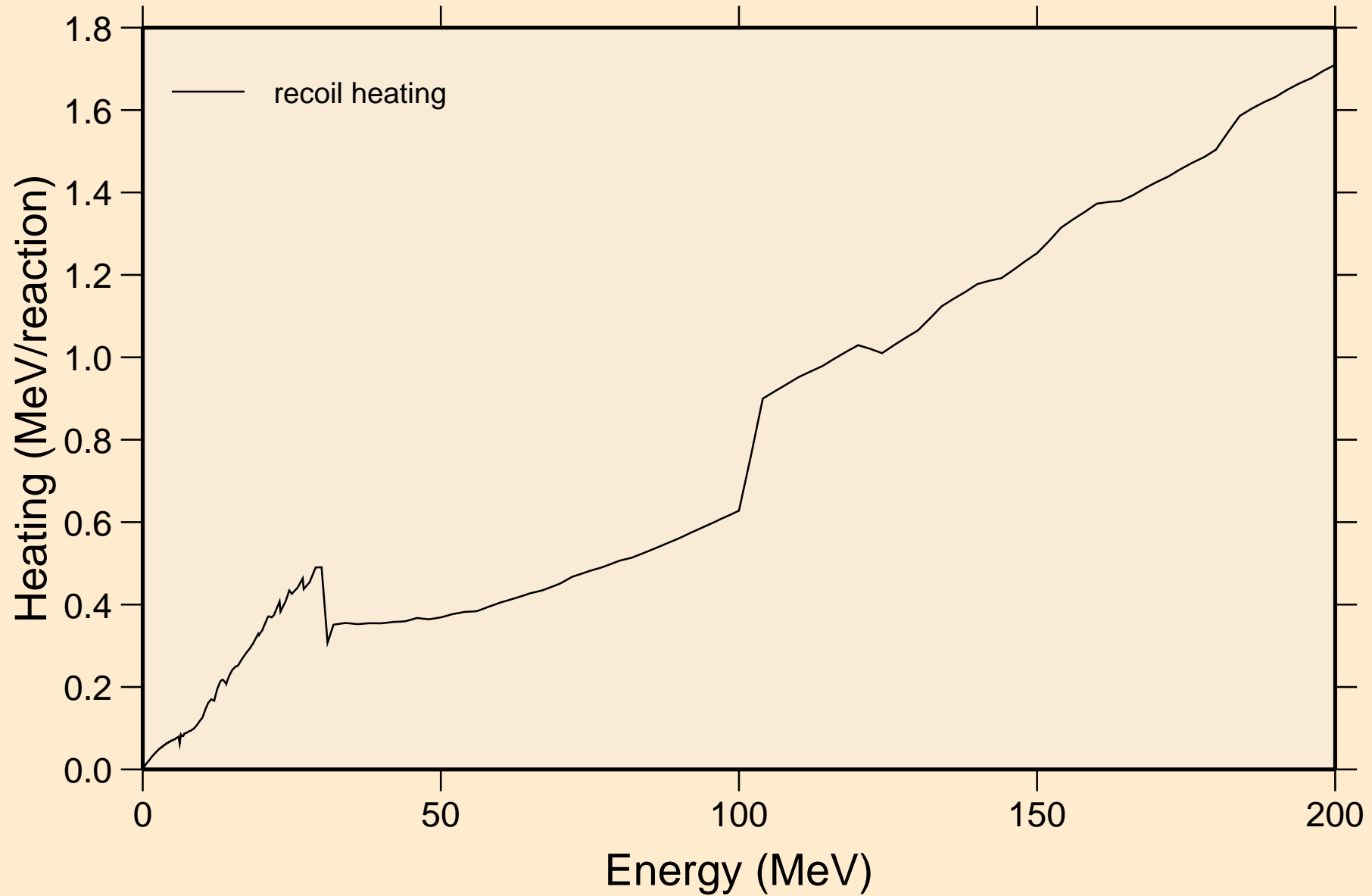


# ZN074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions

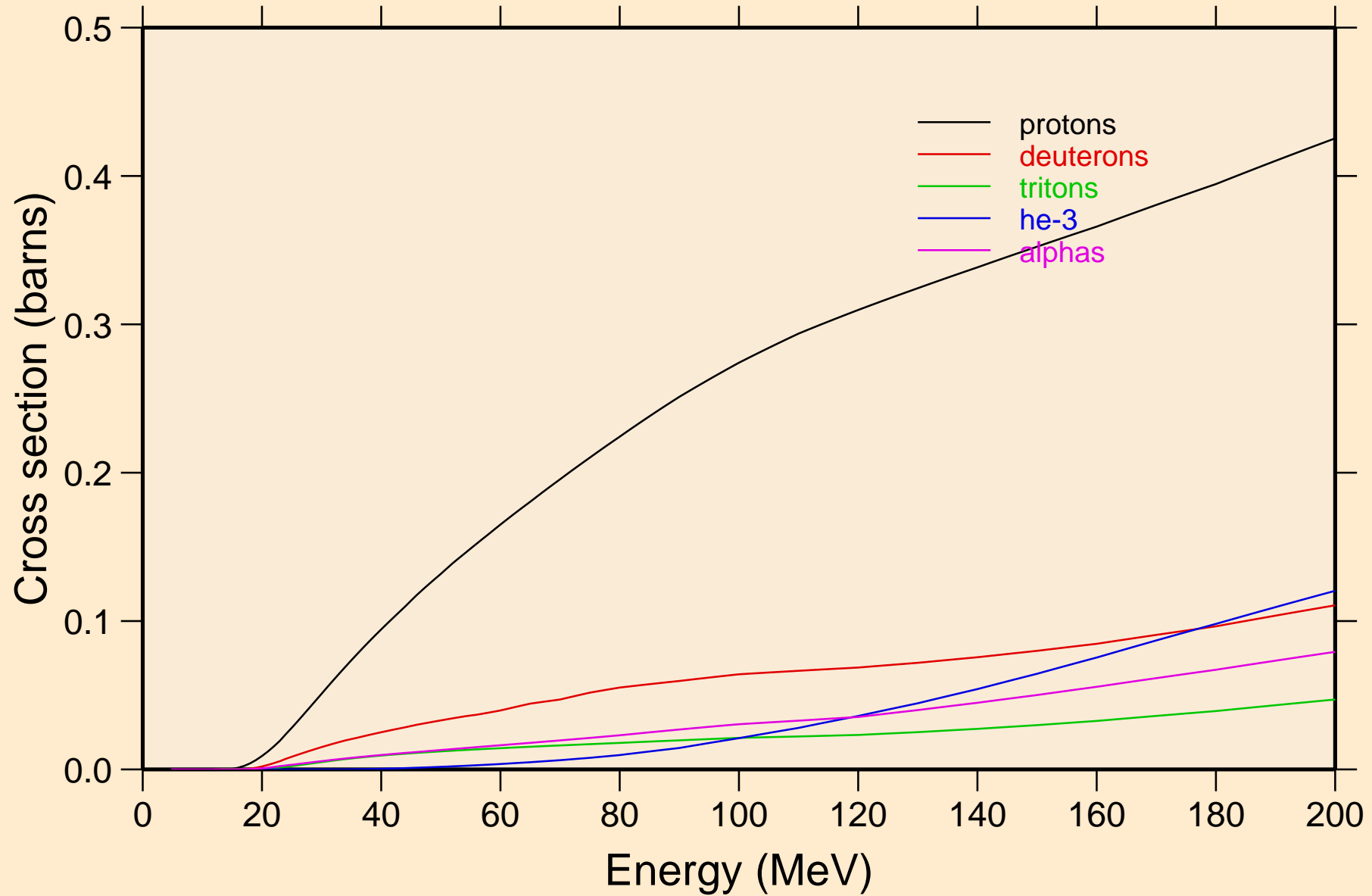


ZN074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

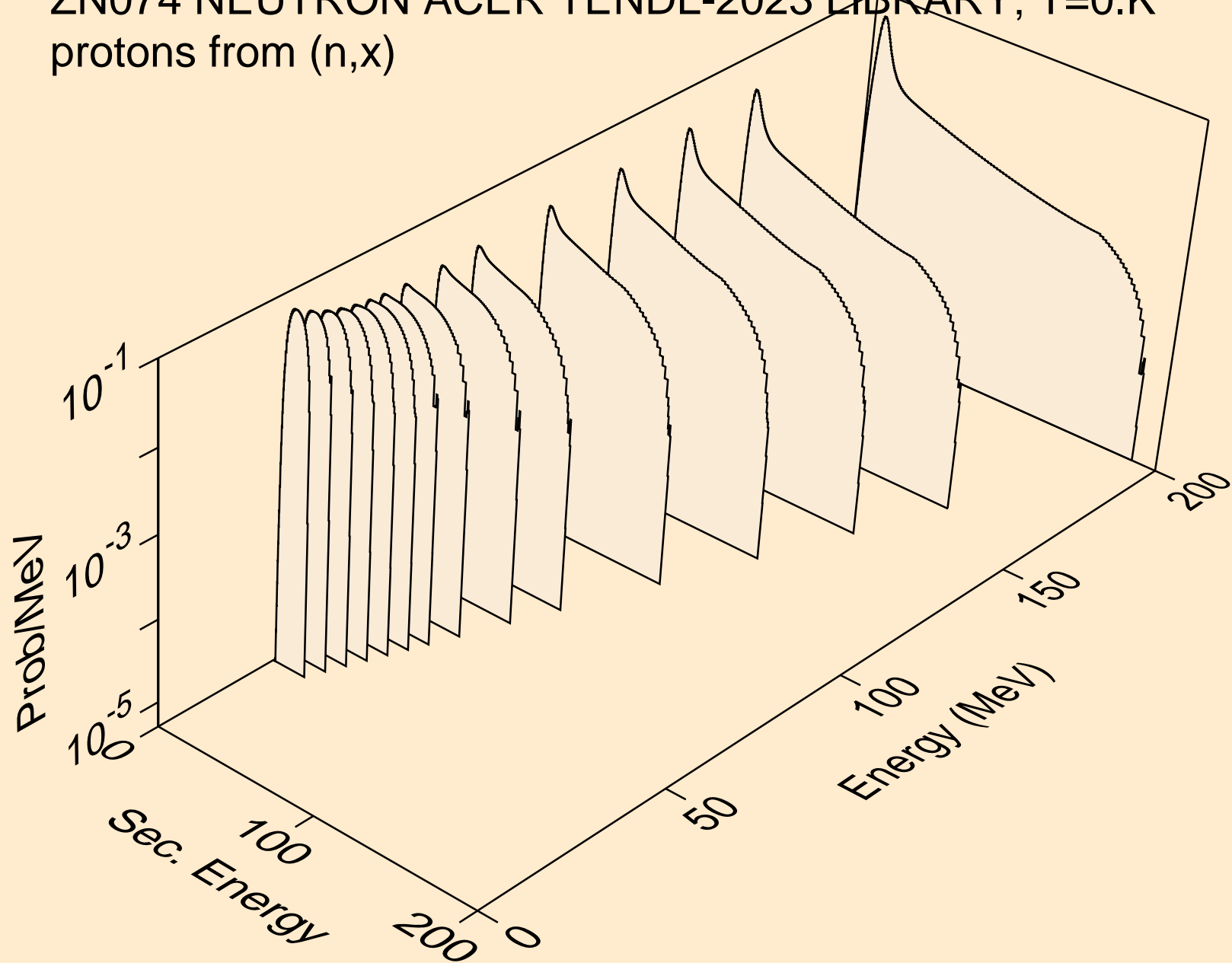


# ZN074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

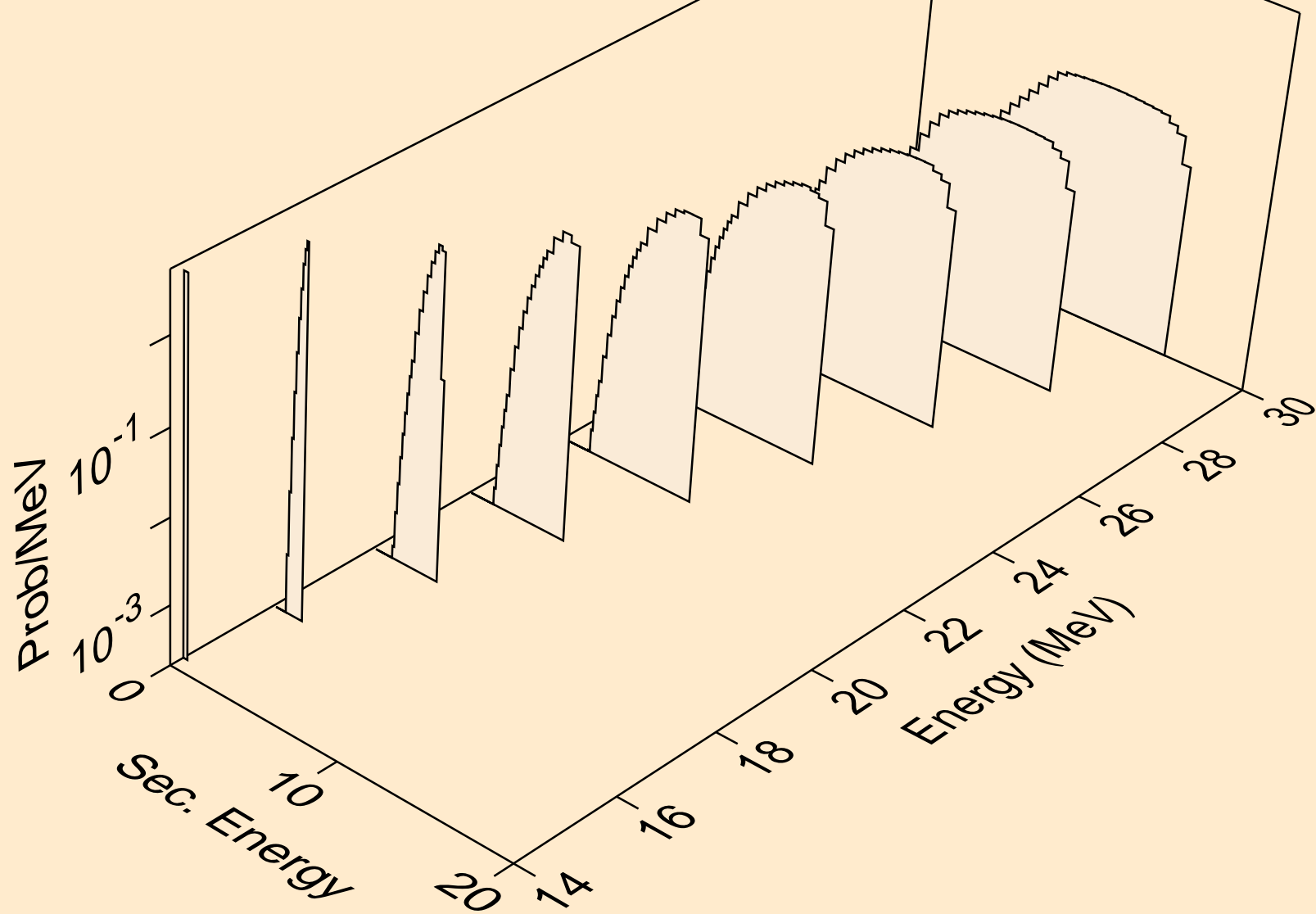
## Particle production cross sections



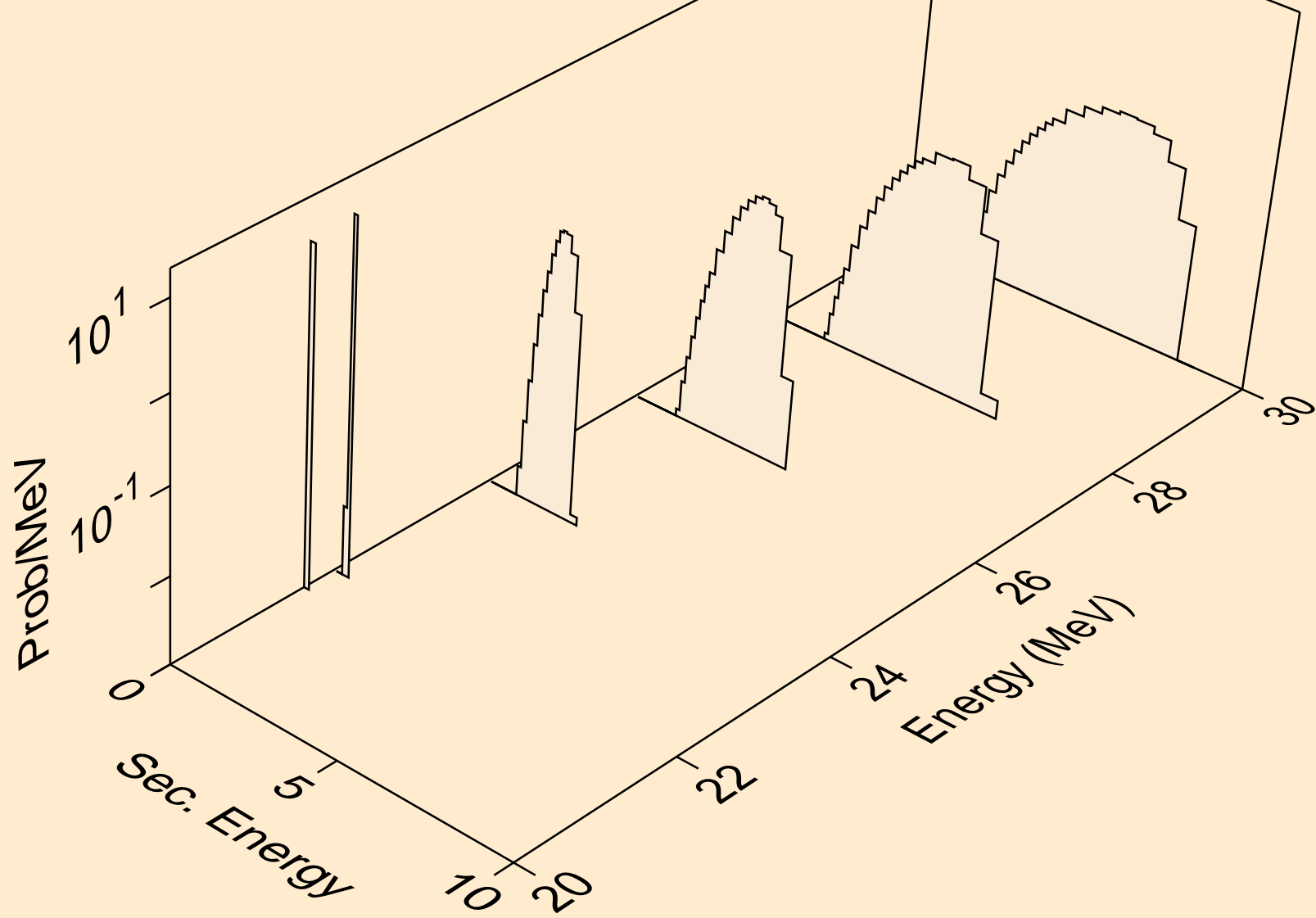
ZN074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



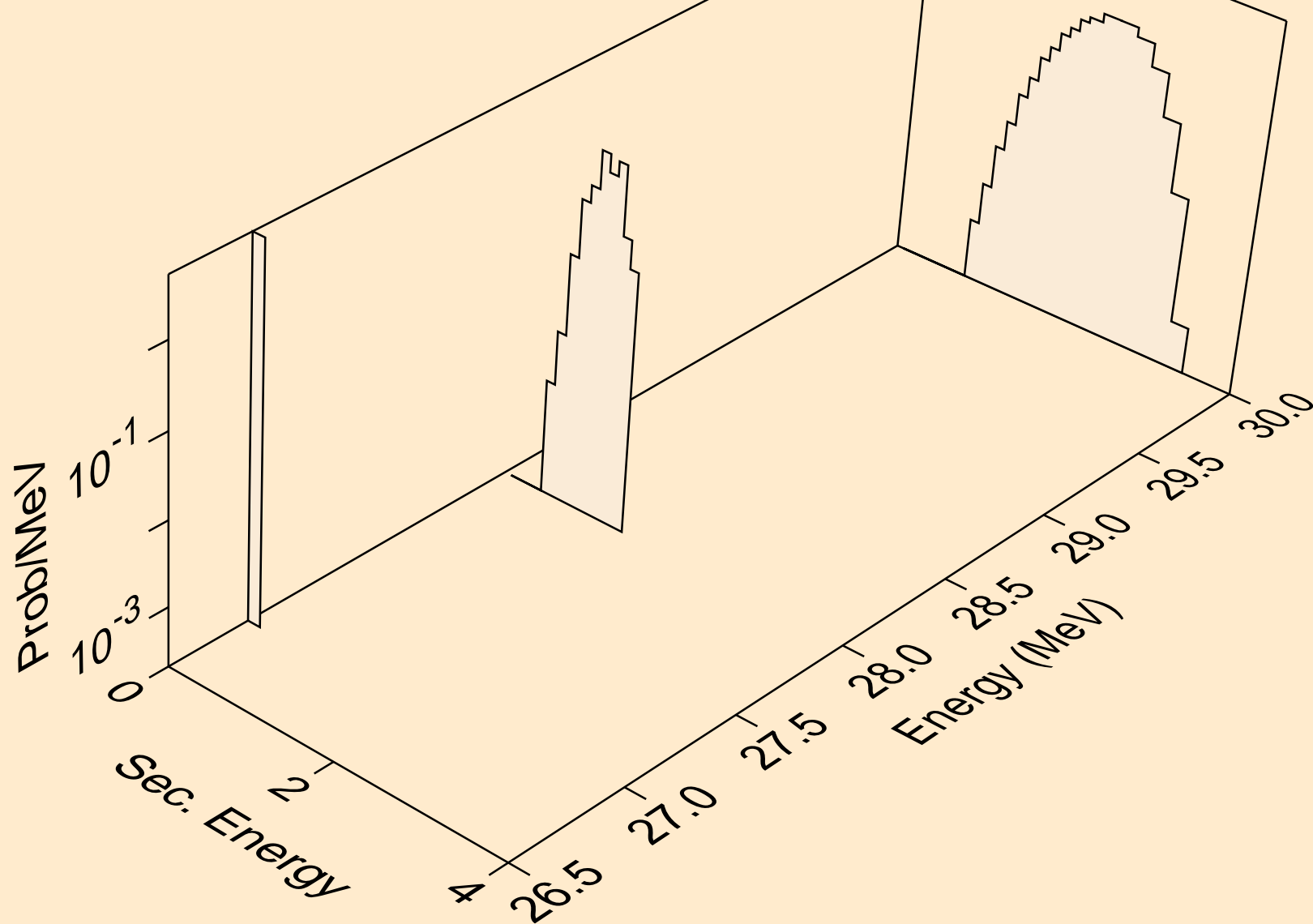
ZN074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p



ZN074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2np)

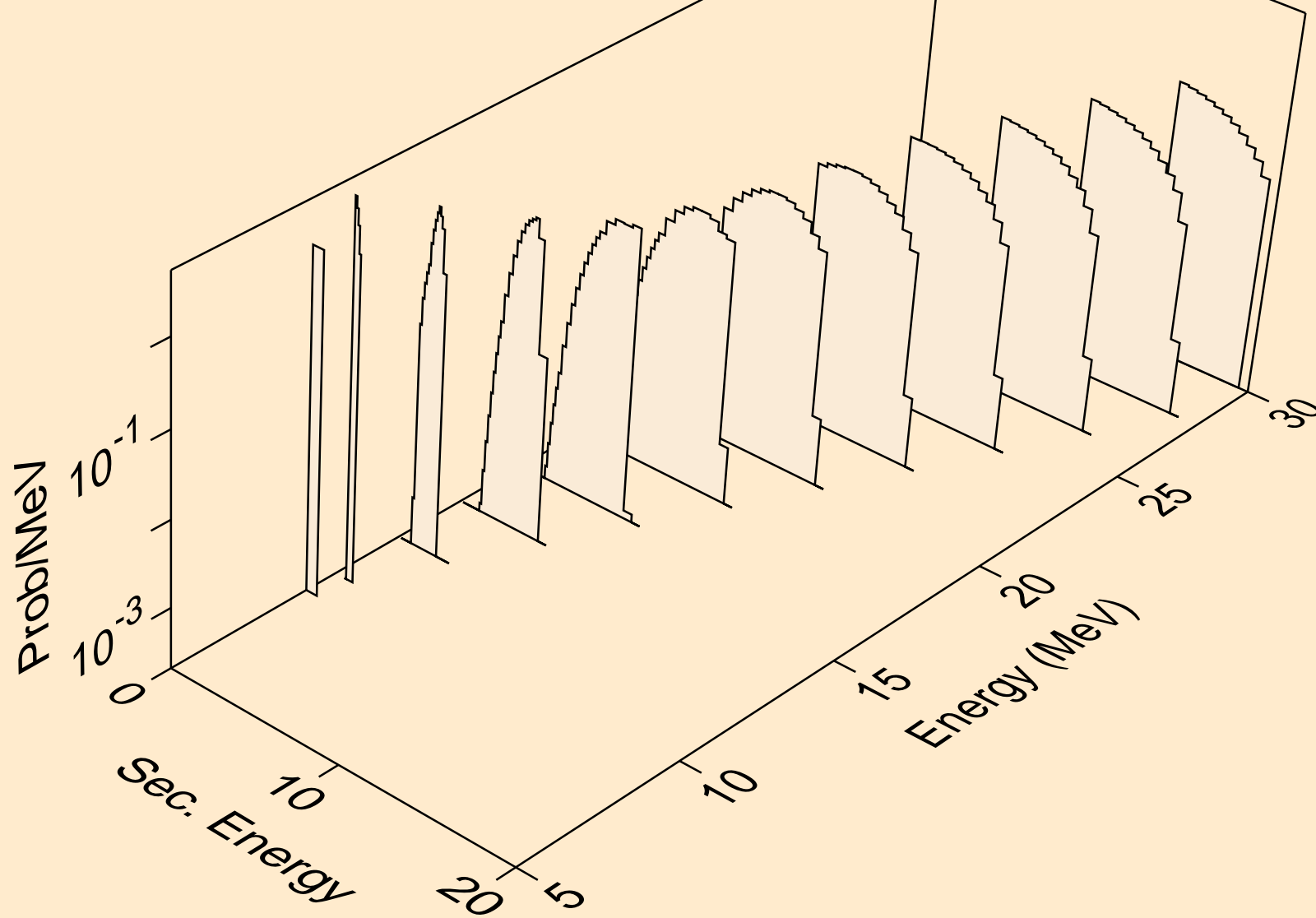


ZN074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,3np)

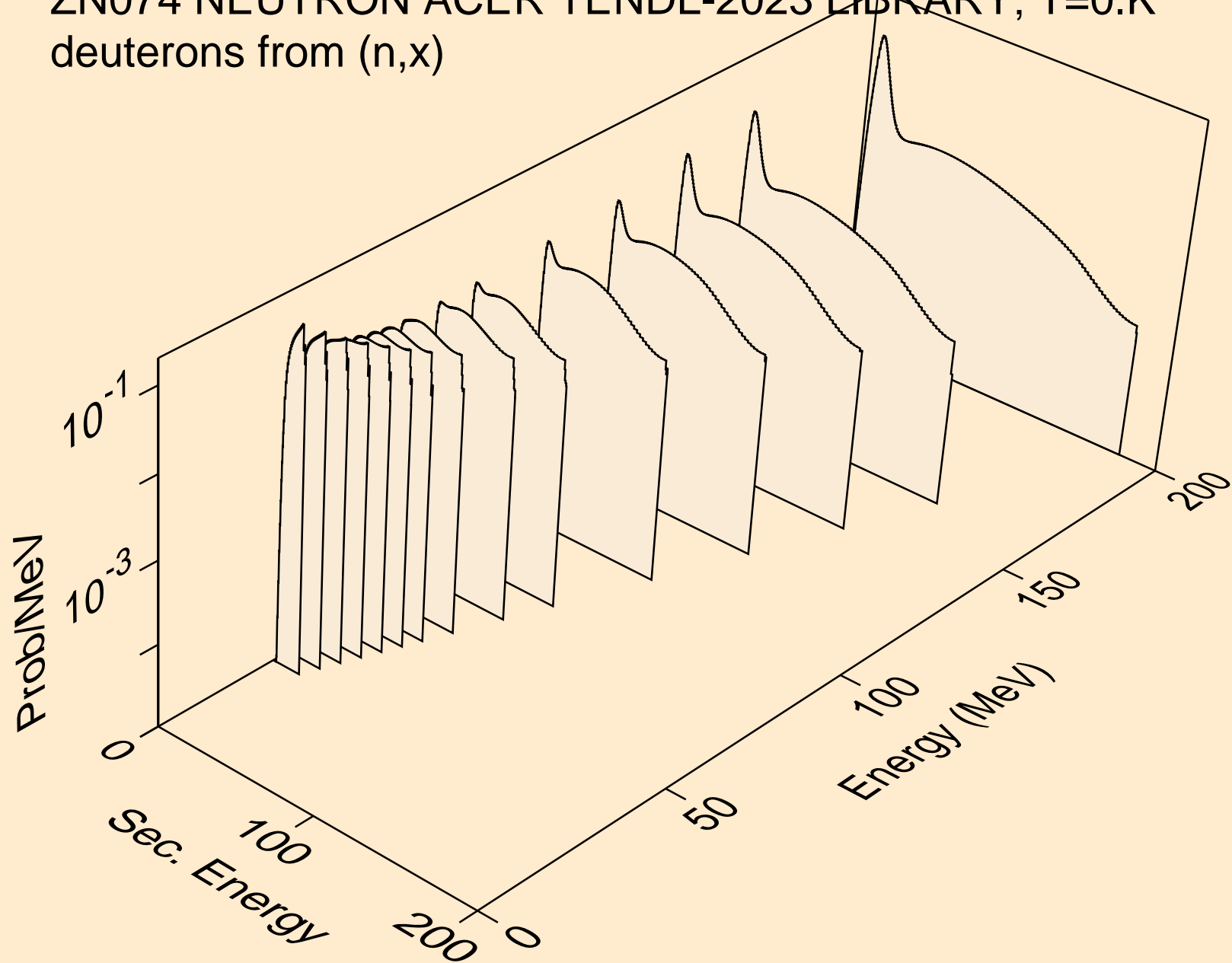




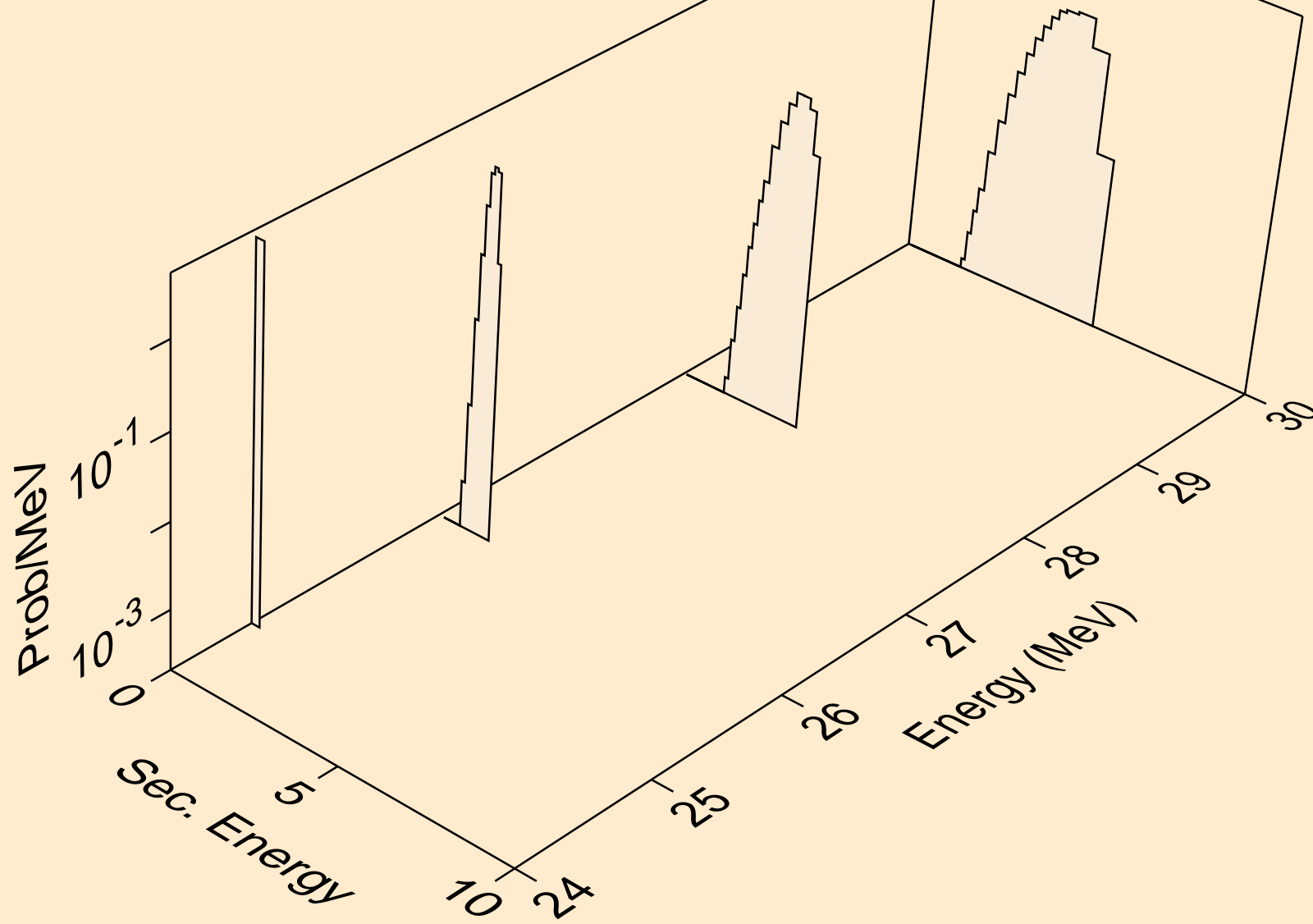
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protons from (n,p)



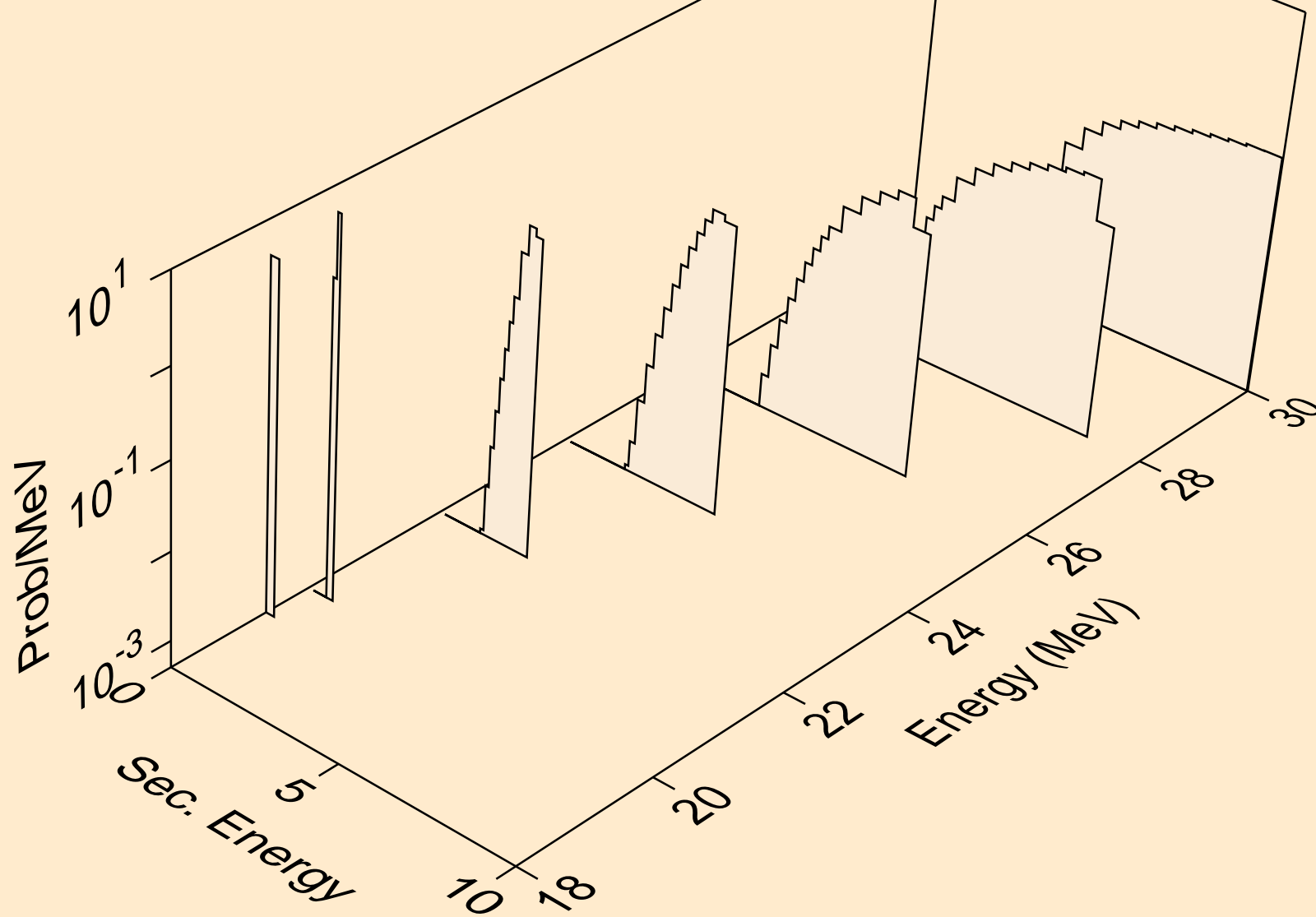
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deuterons from (n,x)



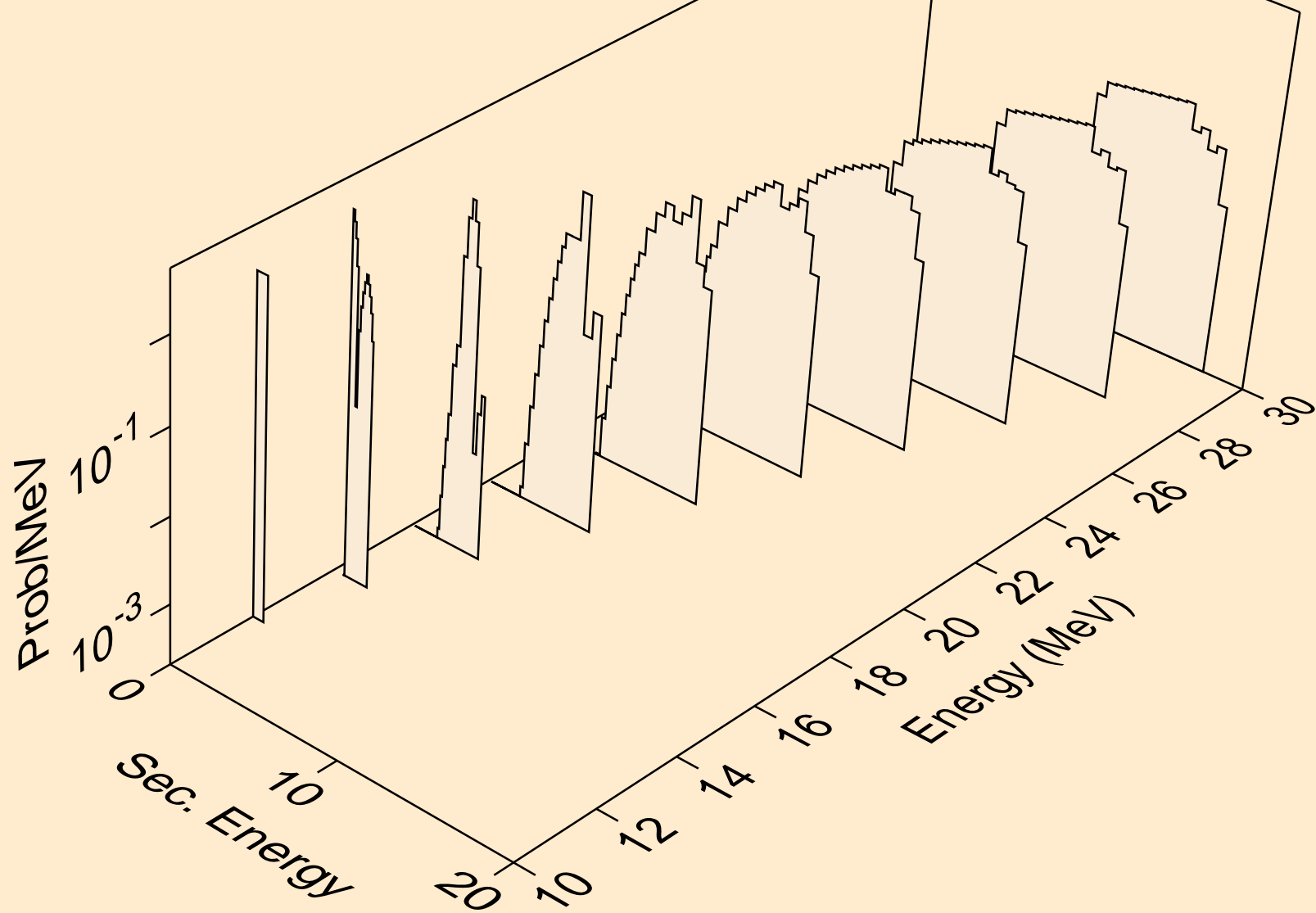
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deuterons from (n,2nd)



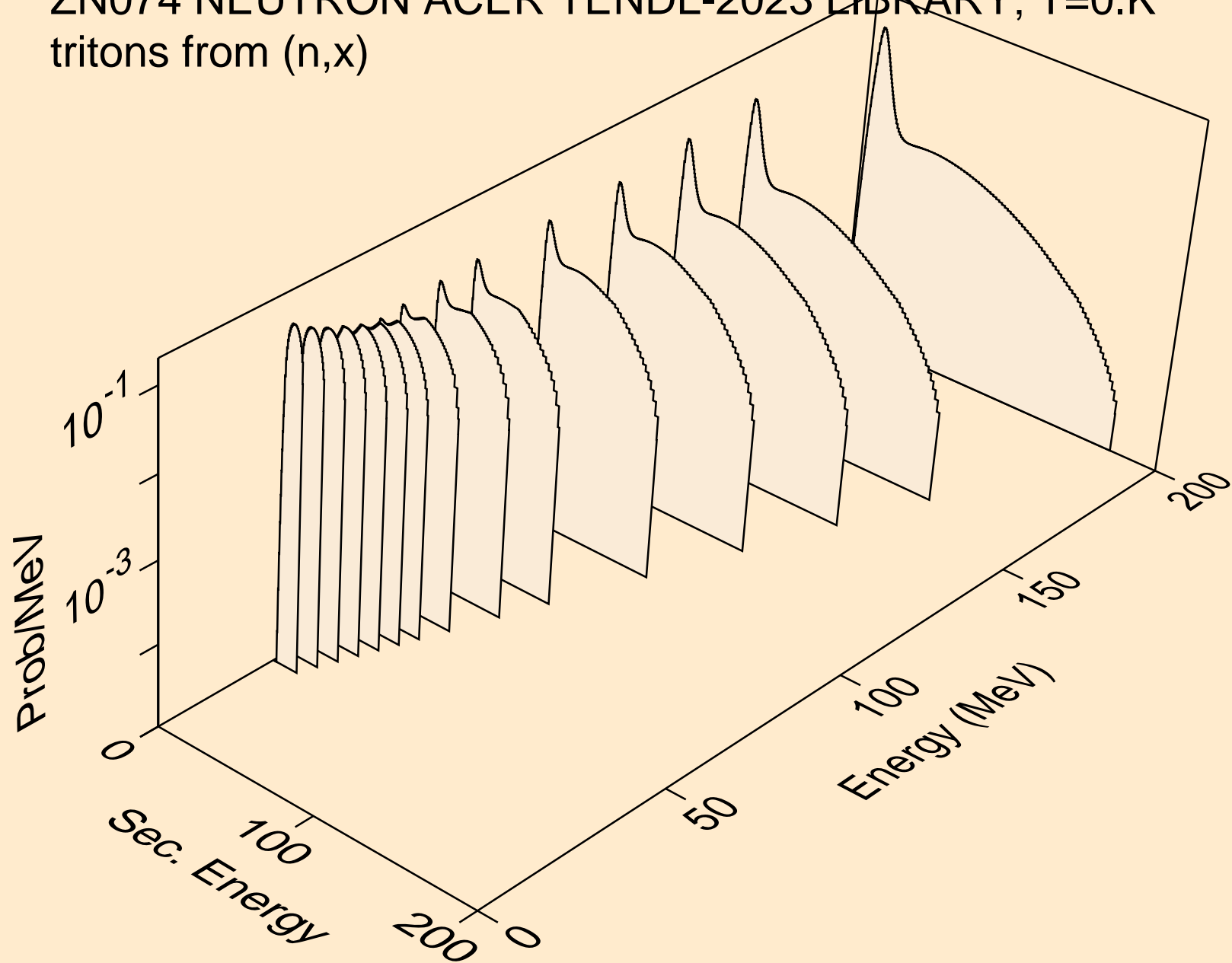
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deuterons from (n,n\*)d



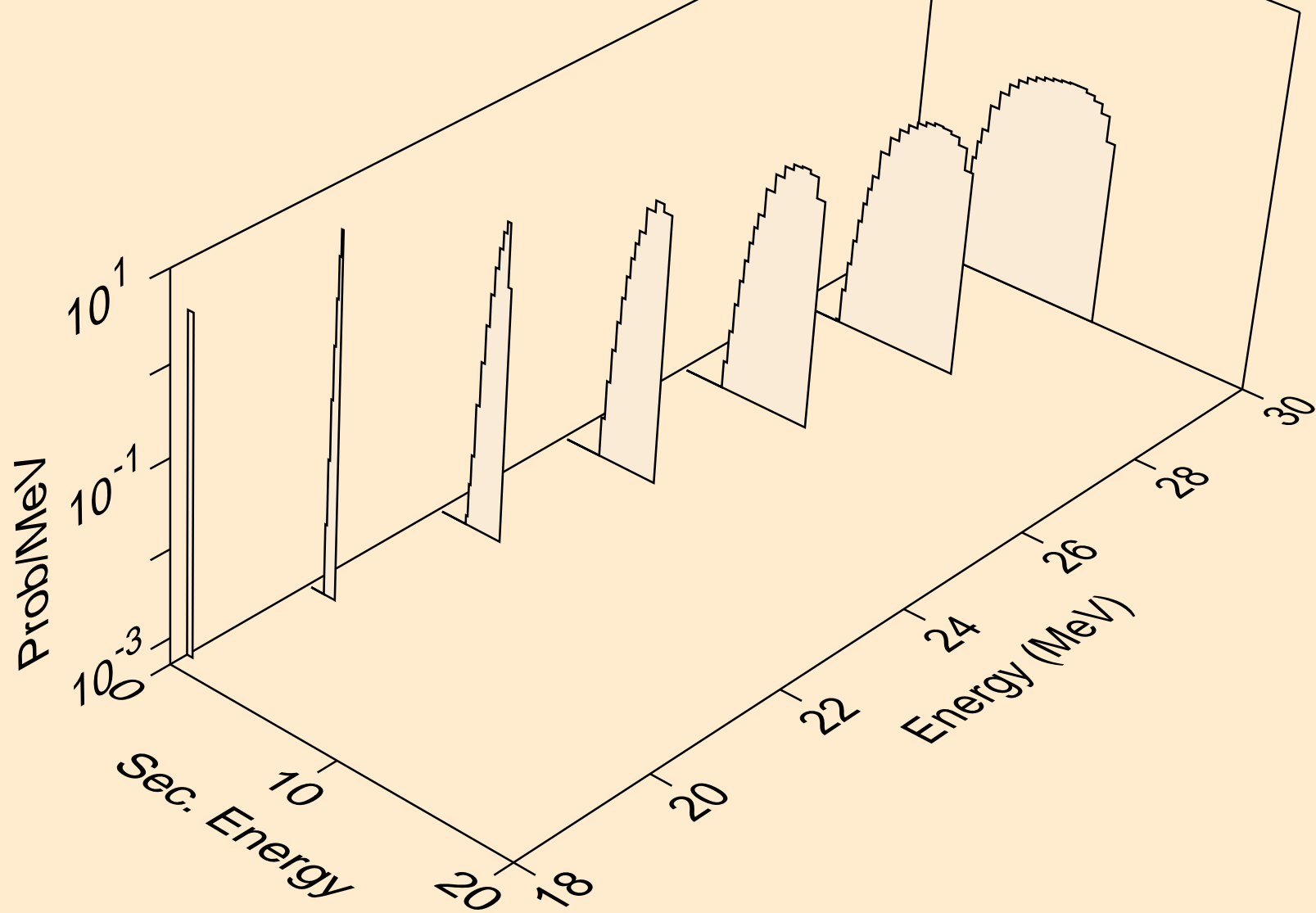
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deuterons from (n,d)



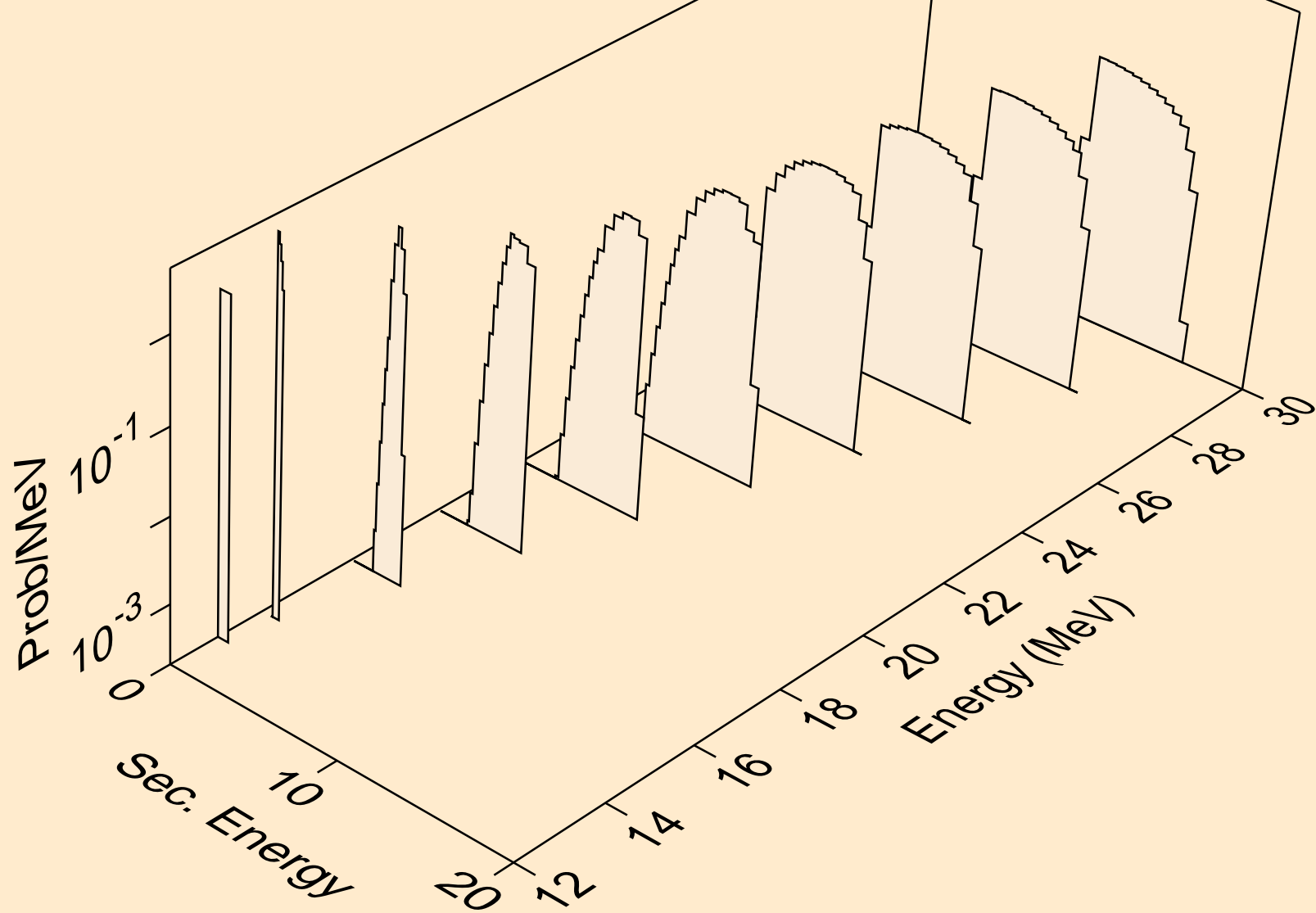
ZN074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,x)



ZN074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t

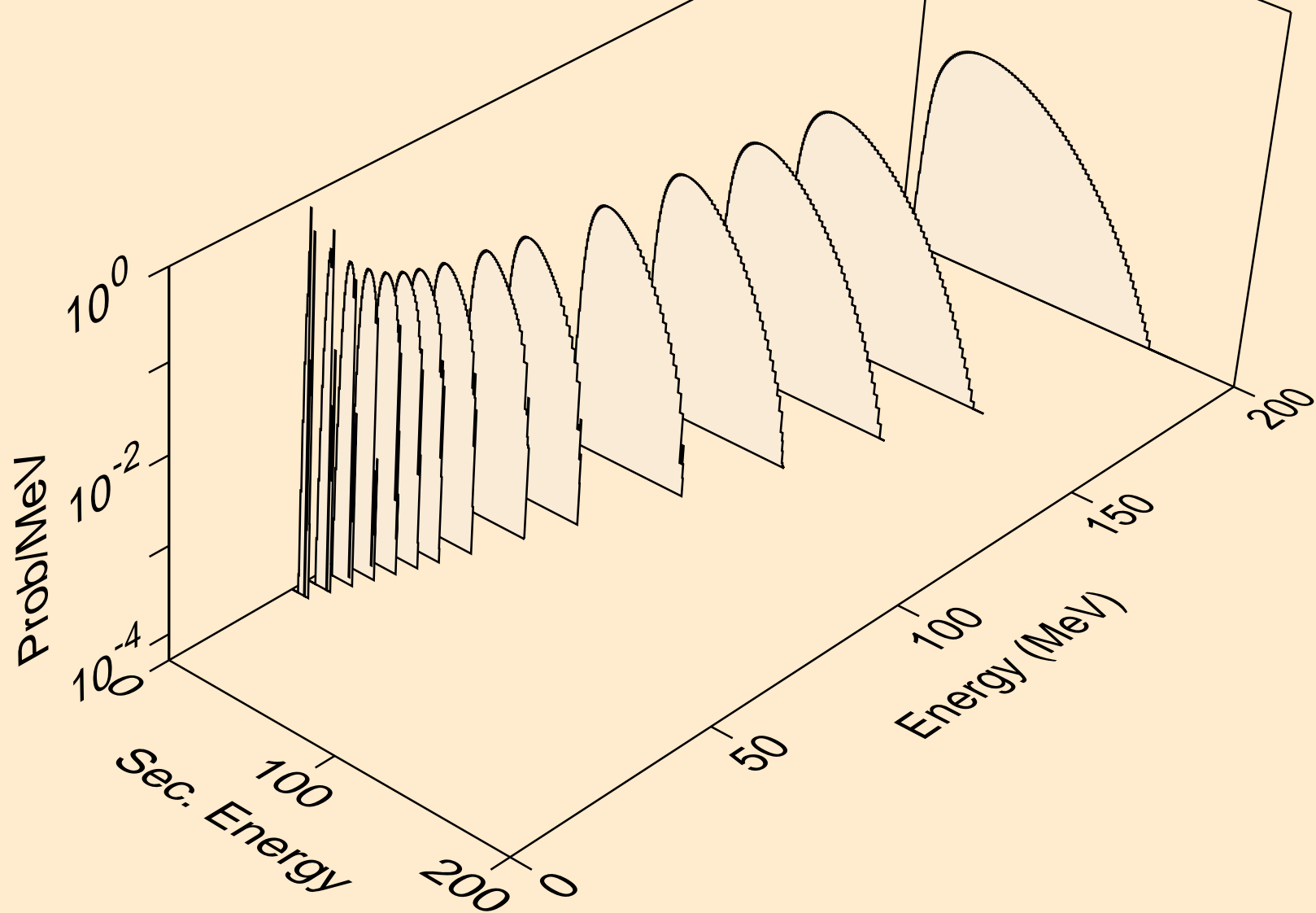


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tritons from (n,t)

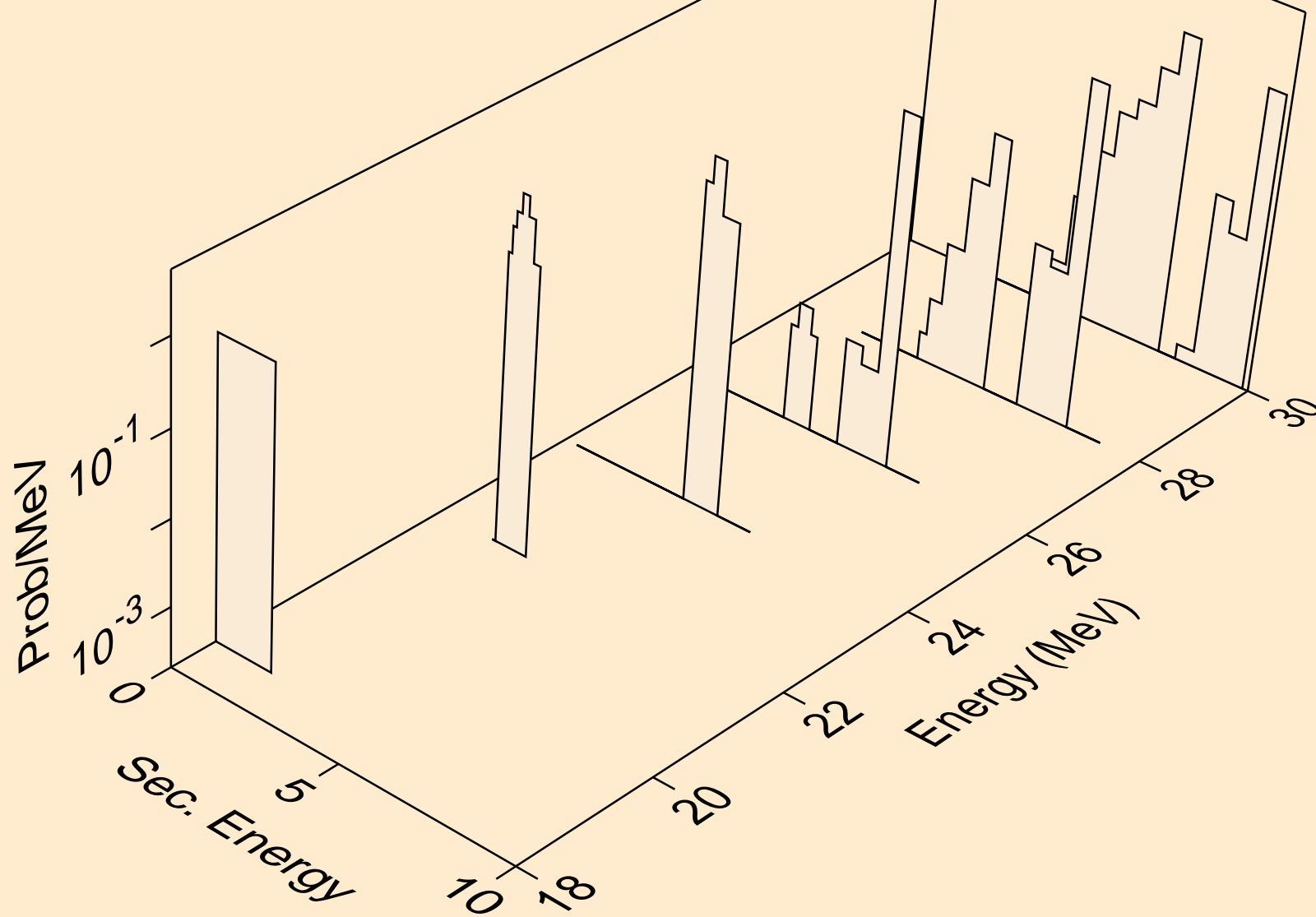




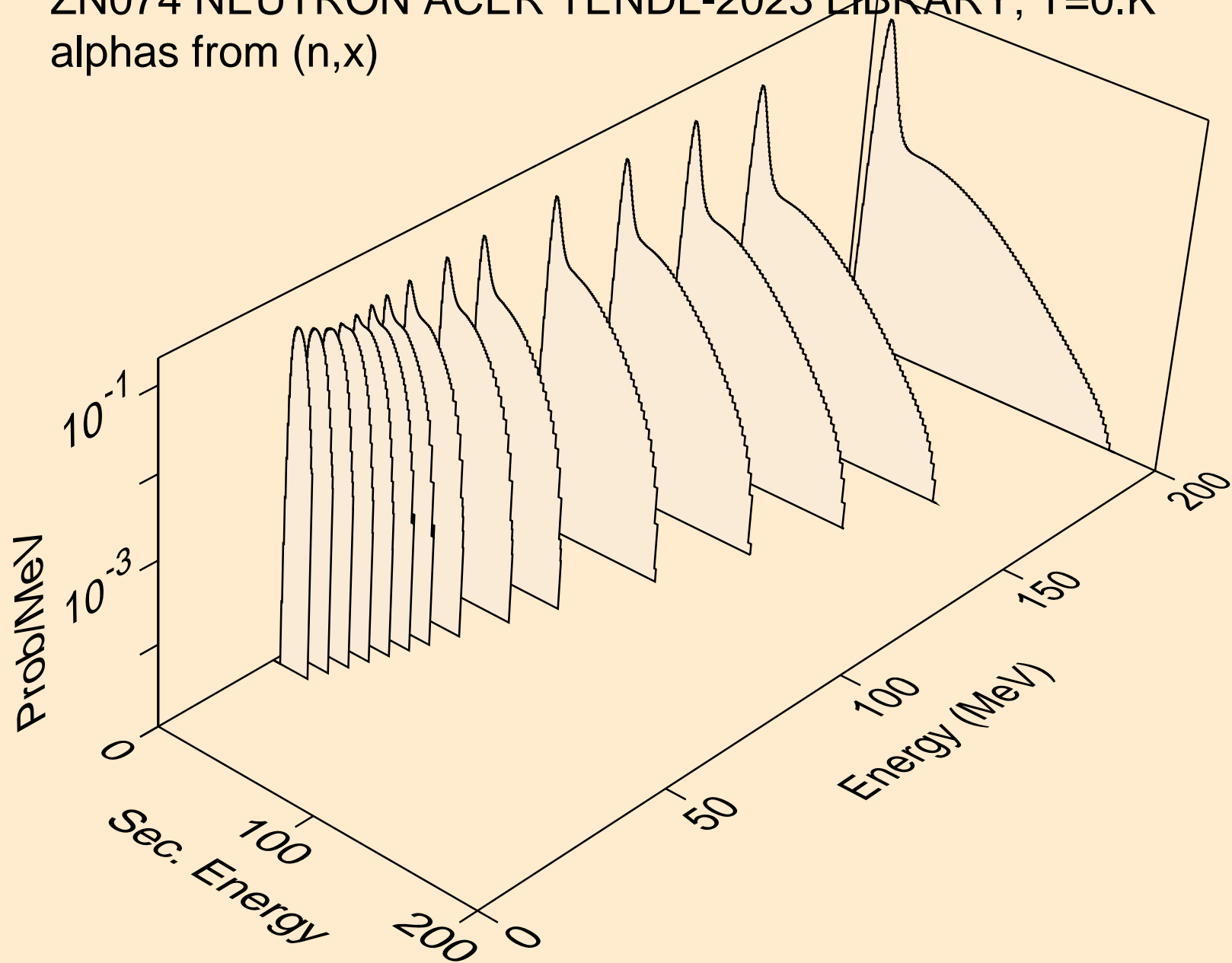
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he3s from (n,x)



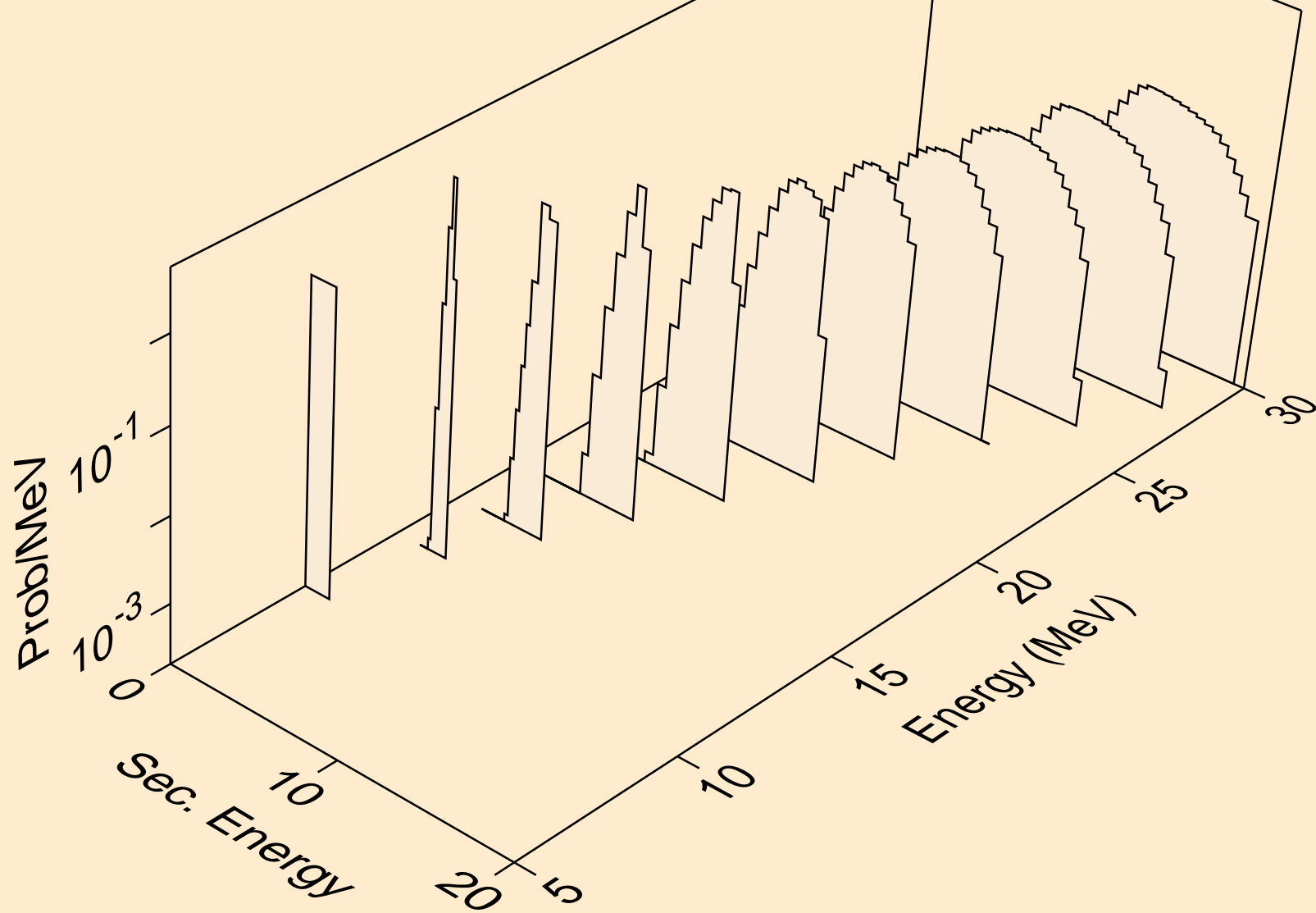
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he3s from (n,he3)



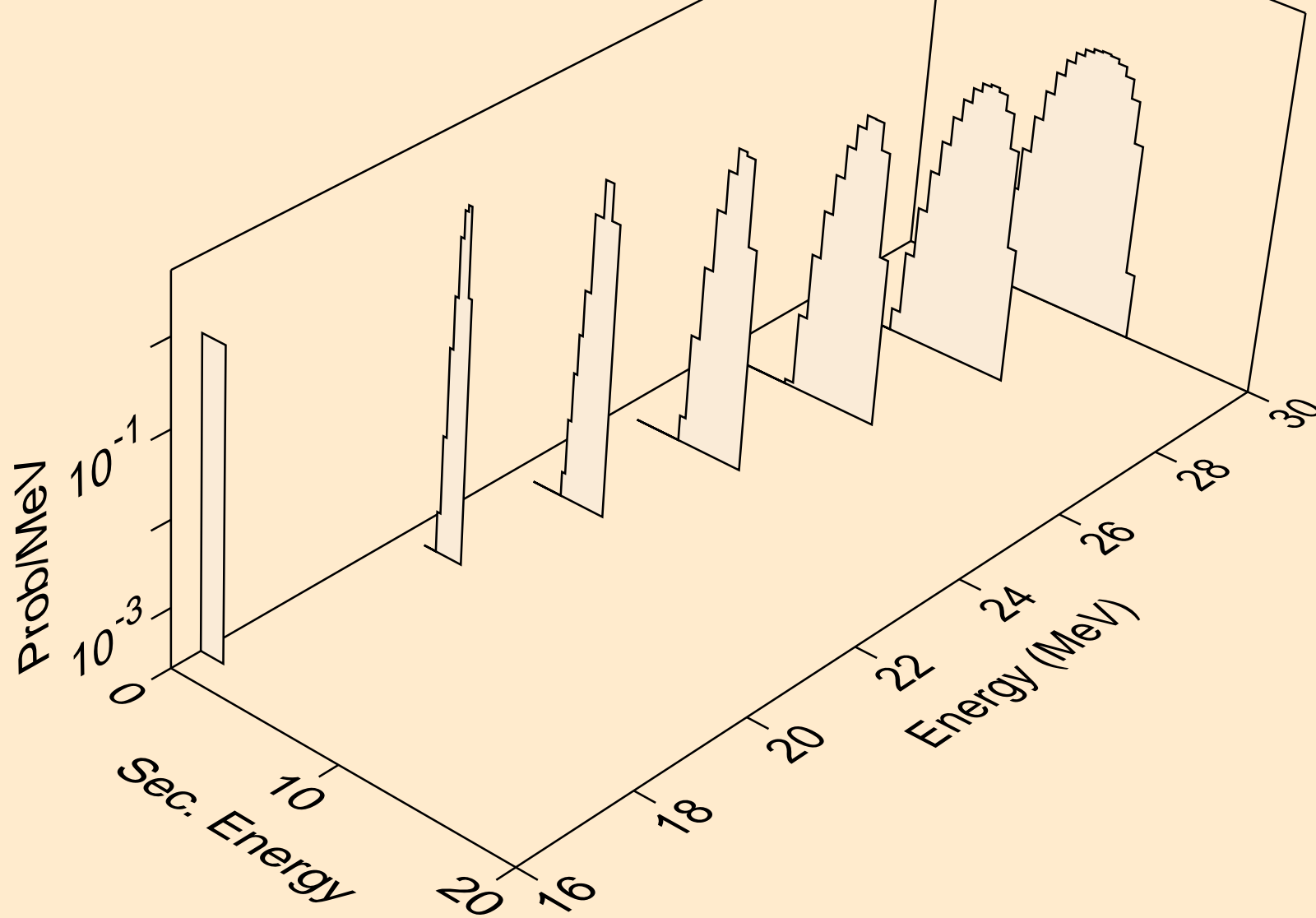
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alphas from (n,x)



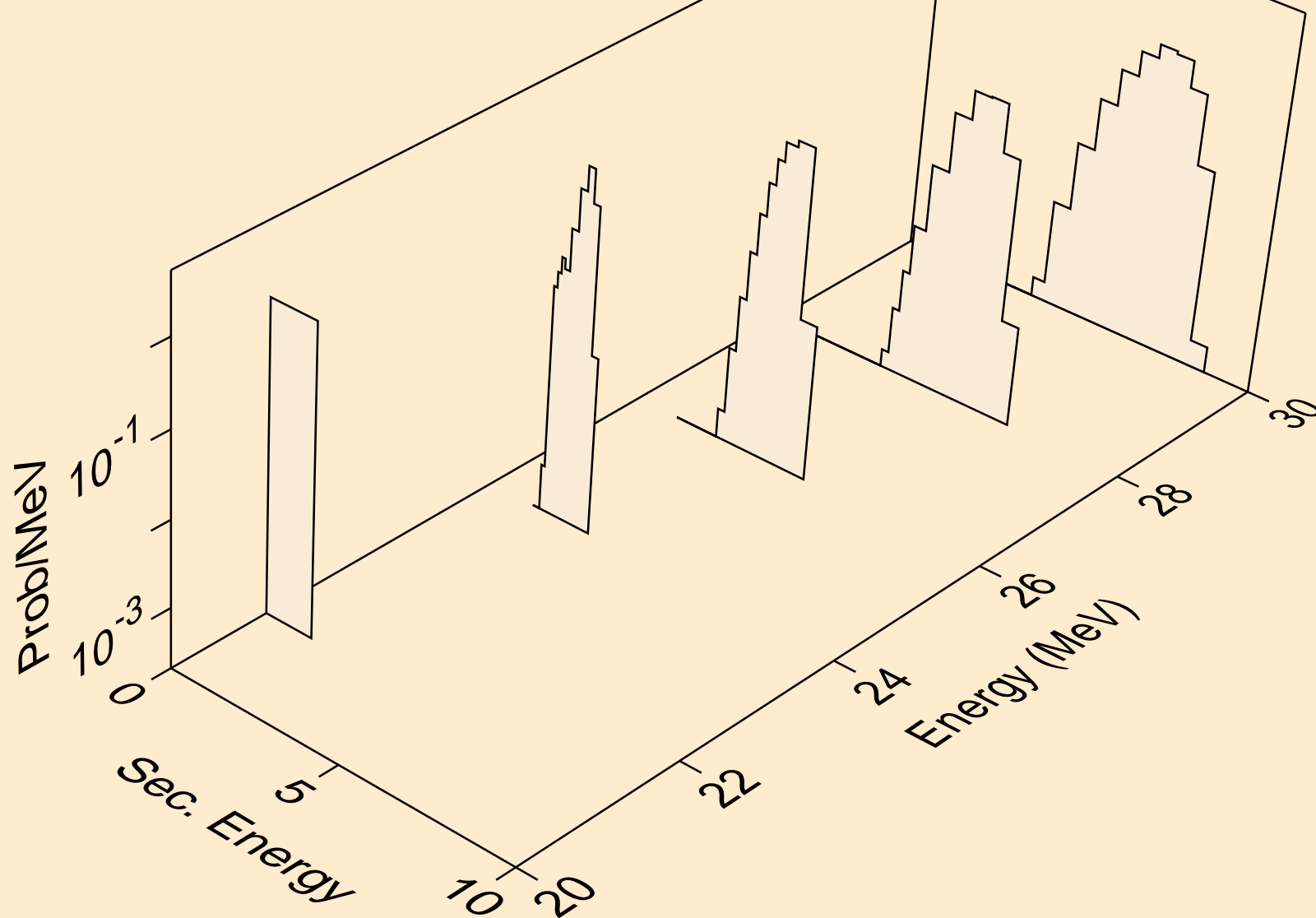
ZN074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a



ZN074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a



ZN074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3n)a



ZN074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)

