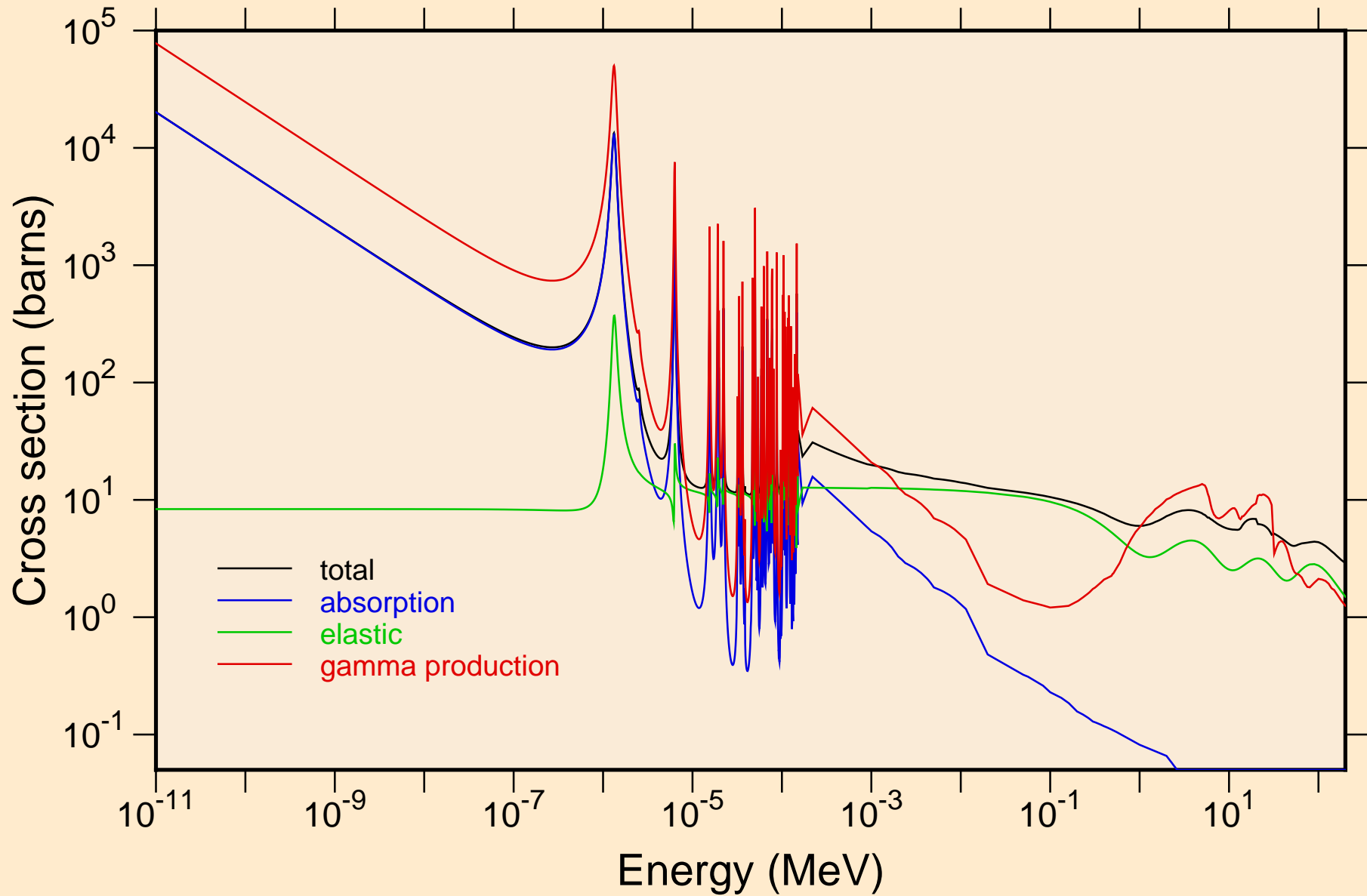
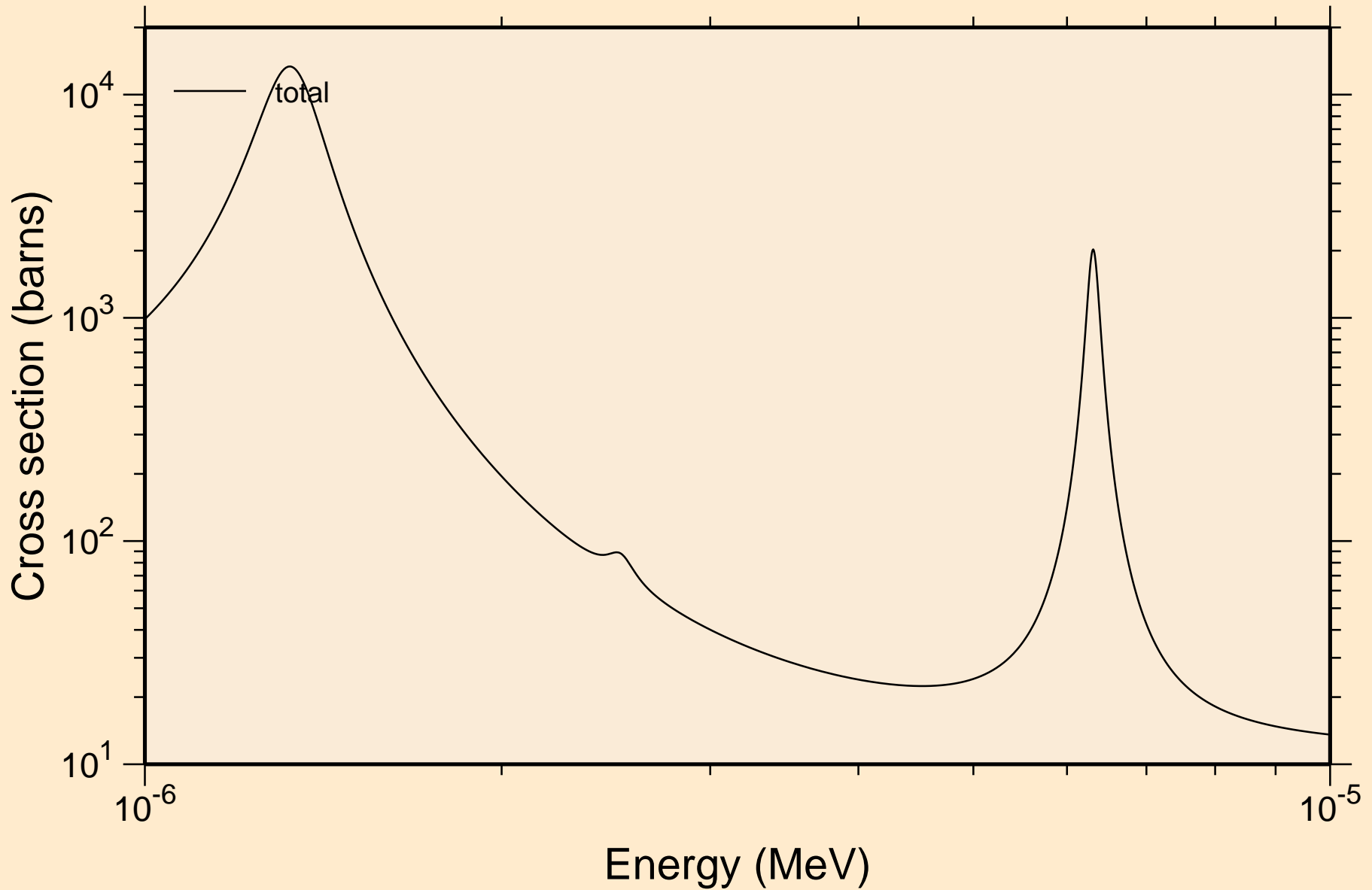


# U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

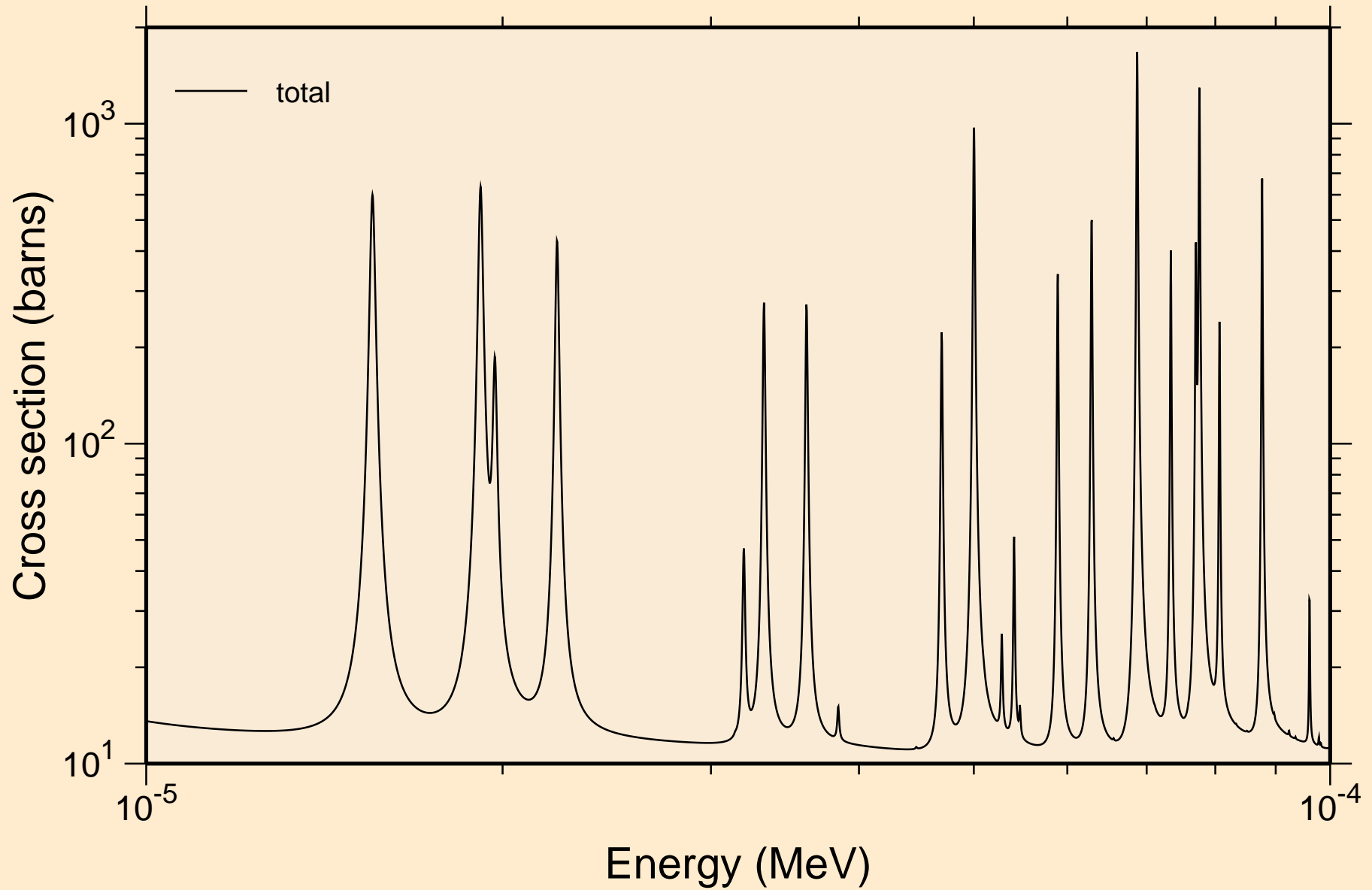
## Principal cross sections



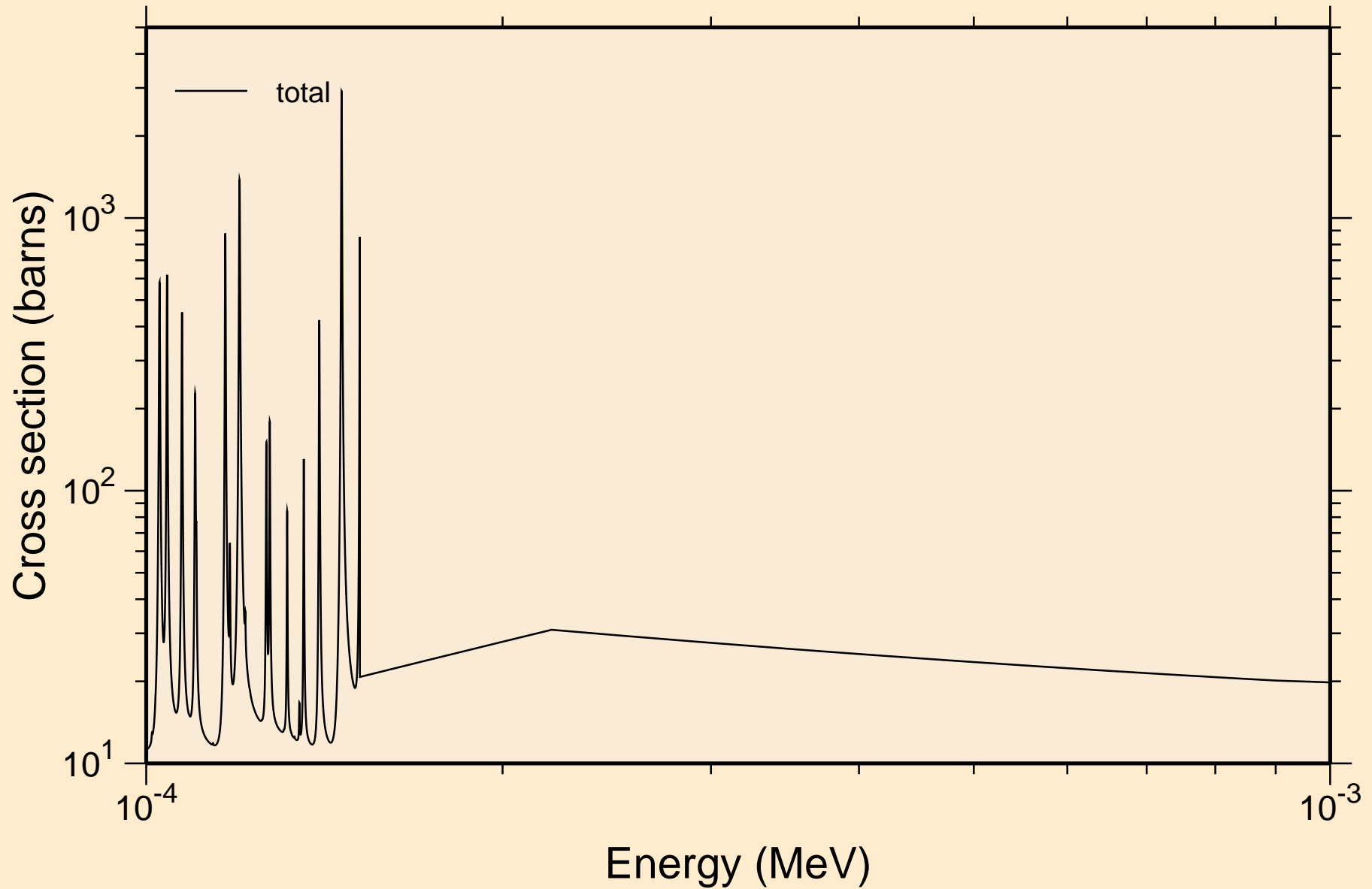
U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



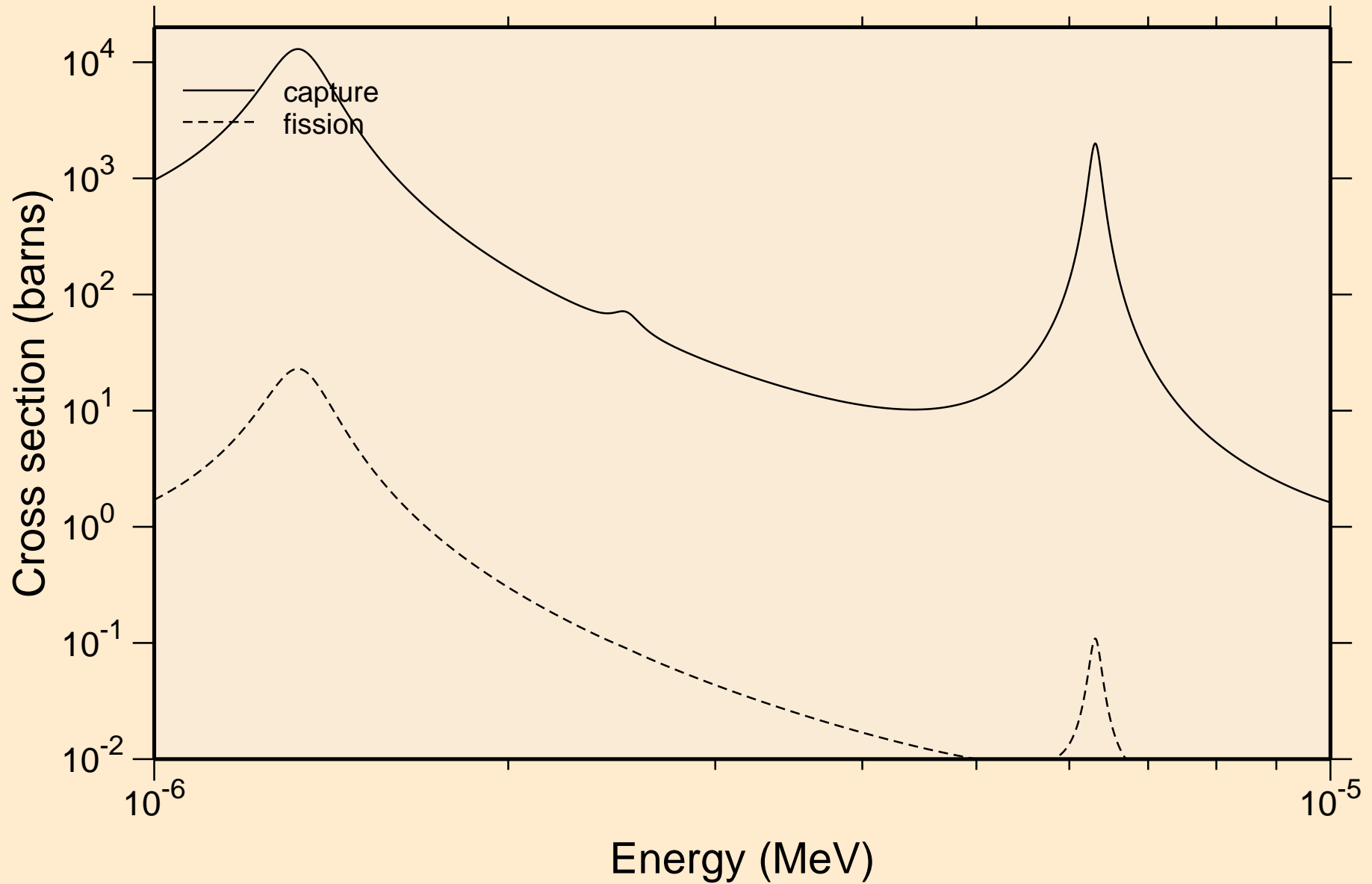
U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



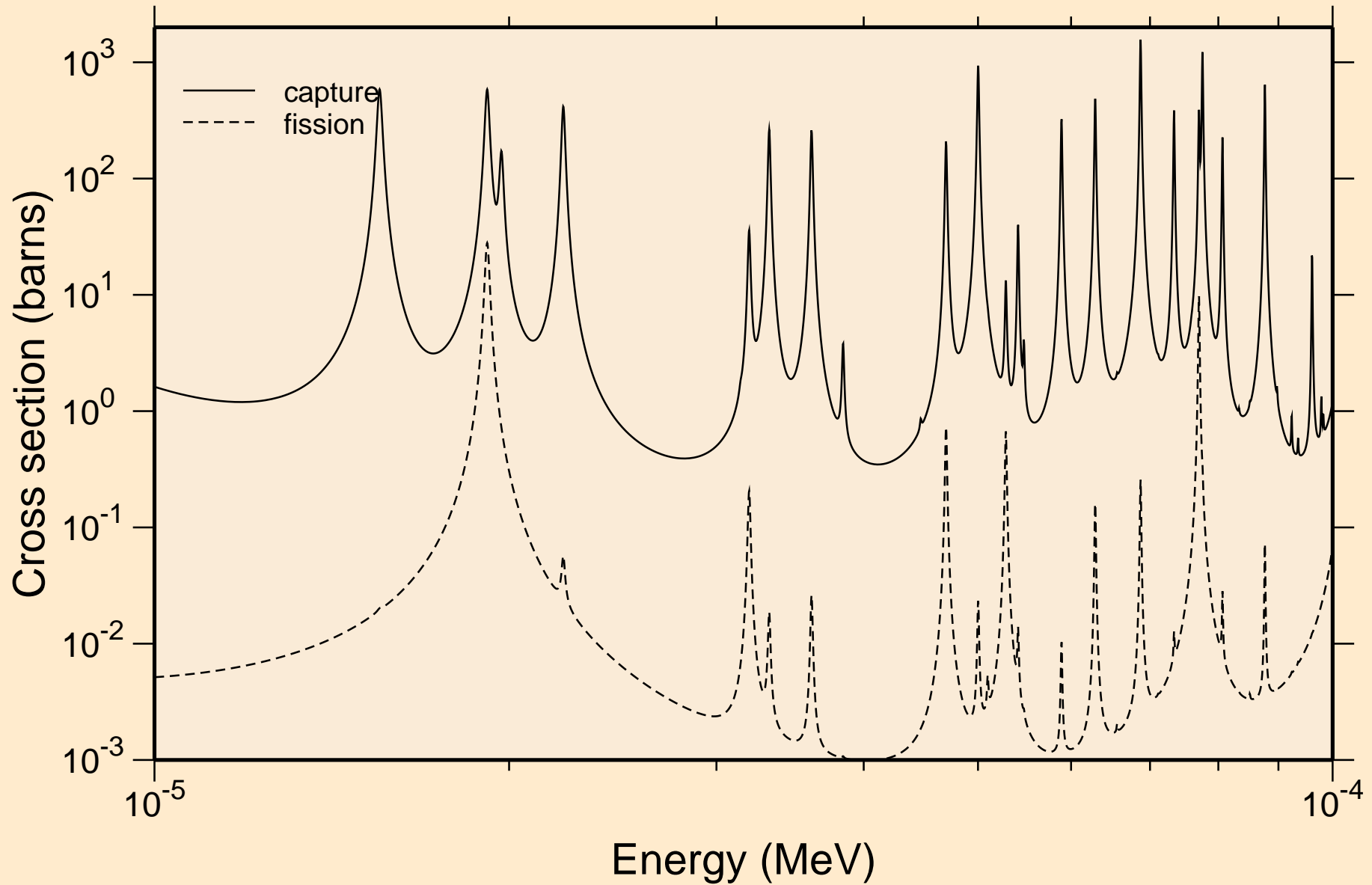
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resonance total cross section



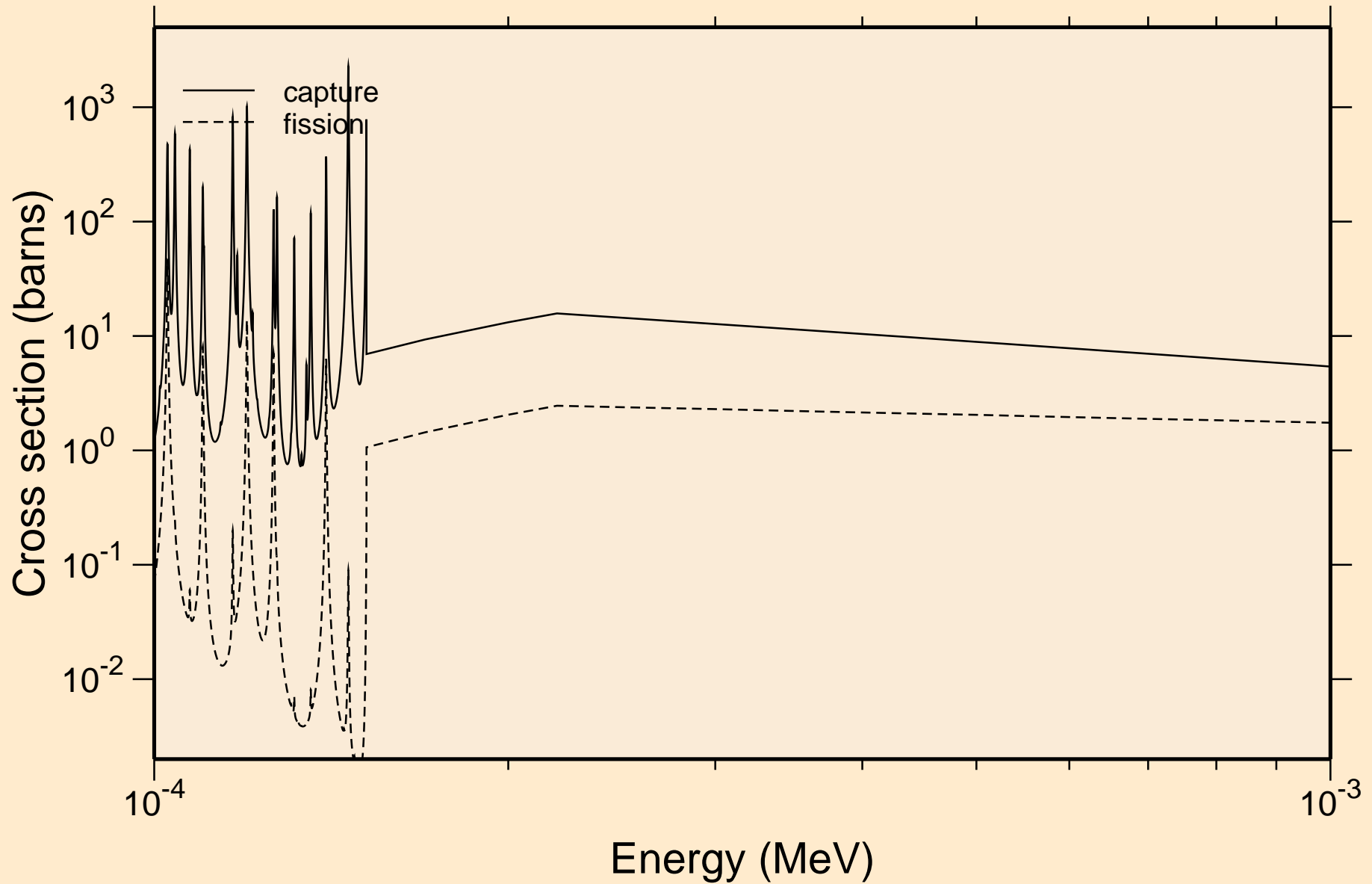
U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



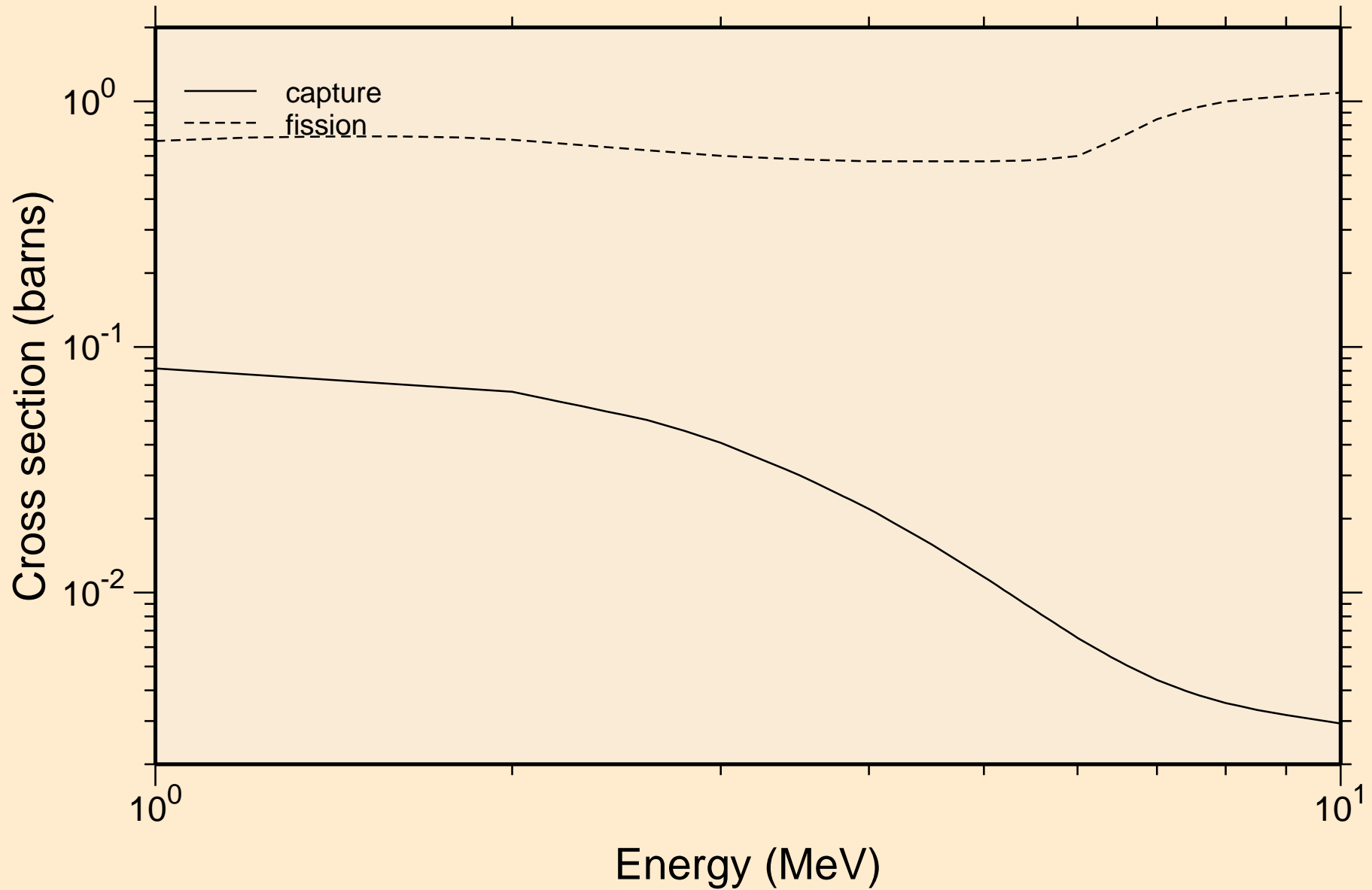
U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



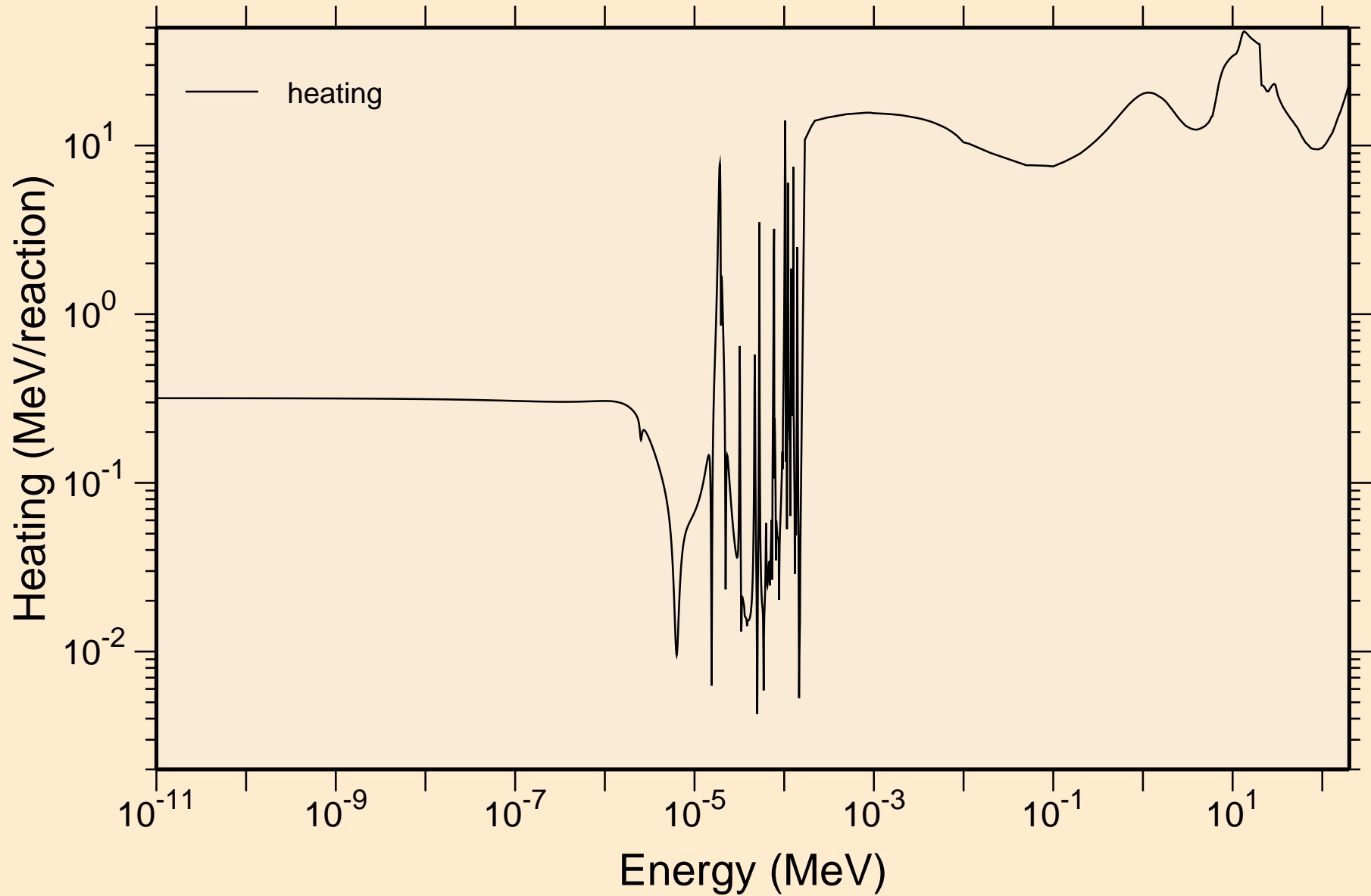
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resonance absorption cross sections



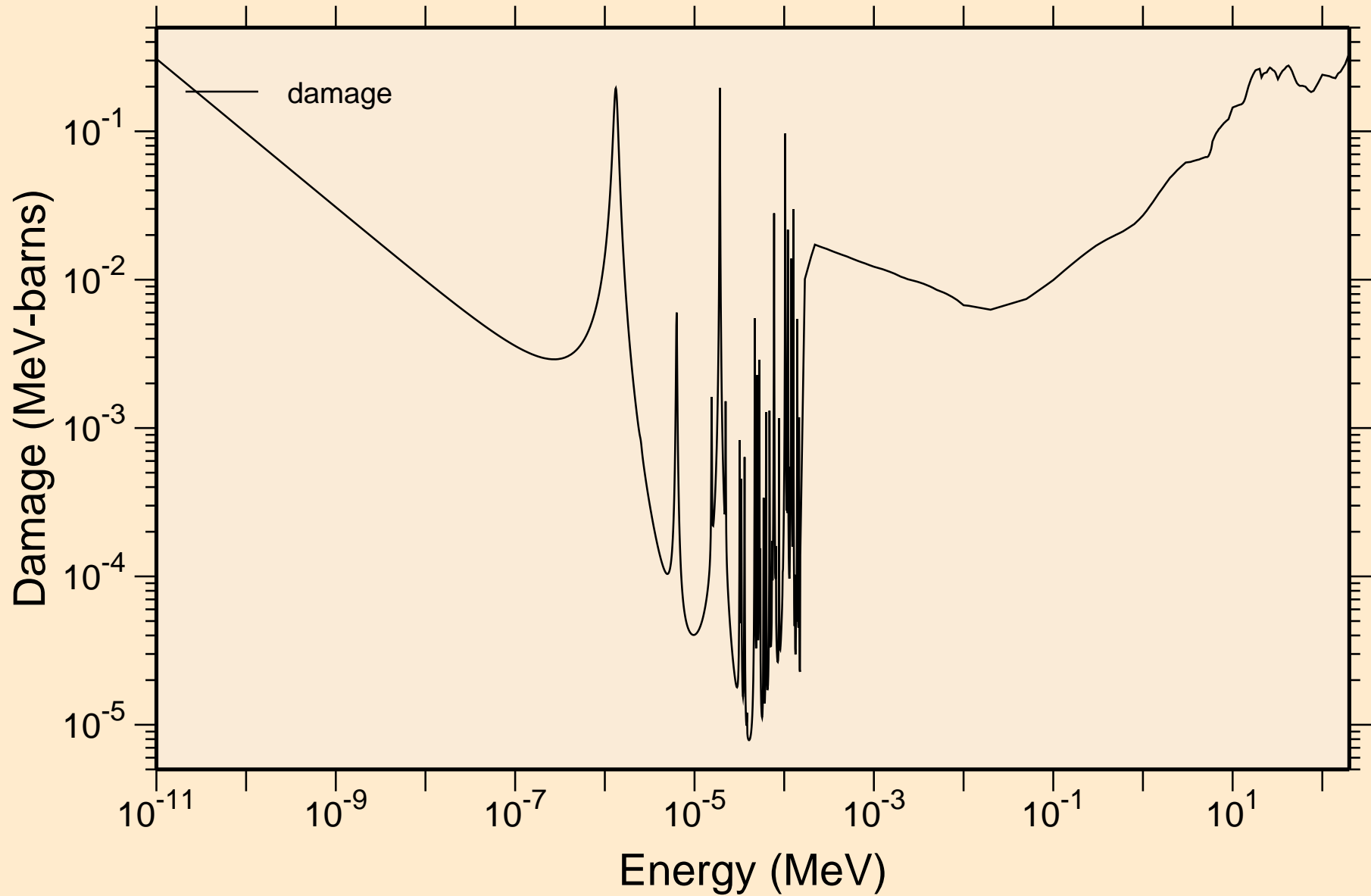


# U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

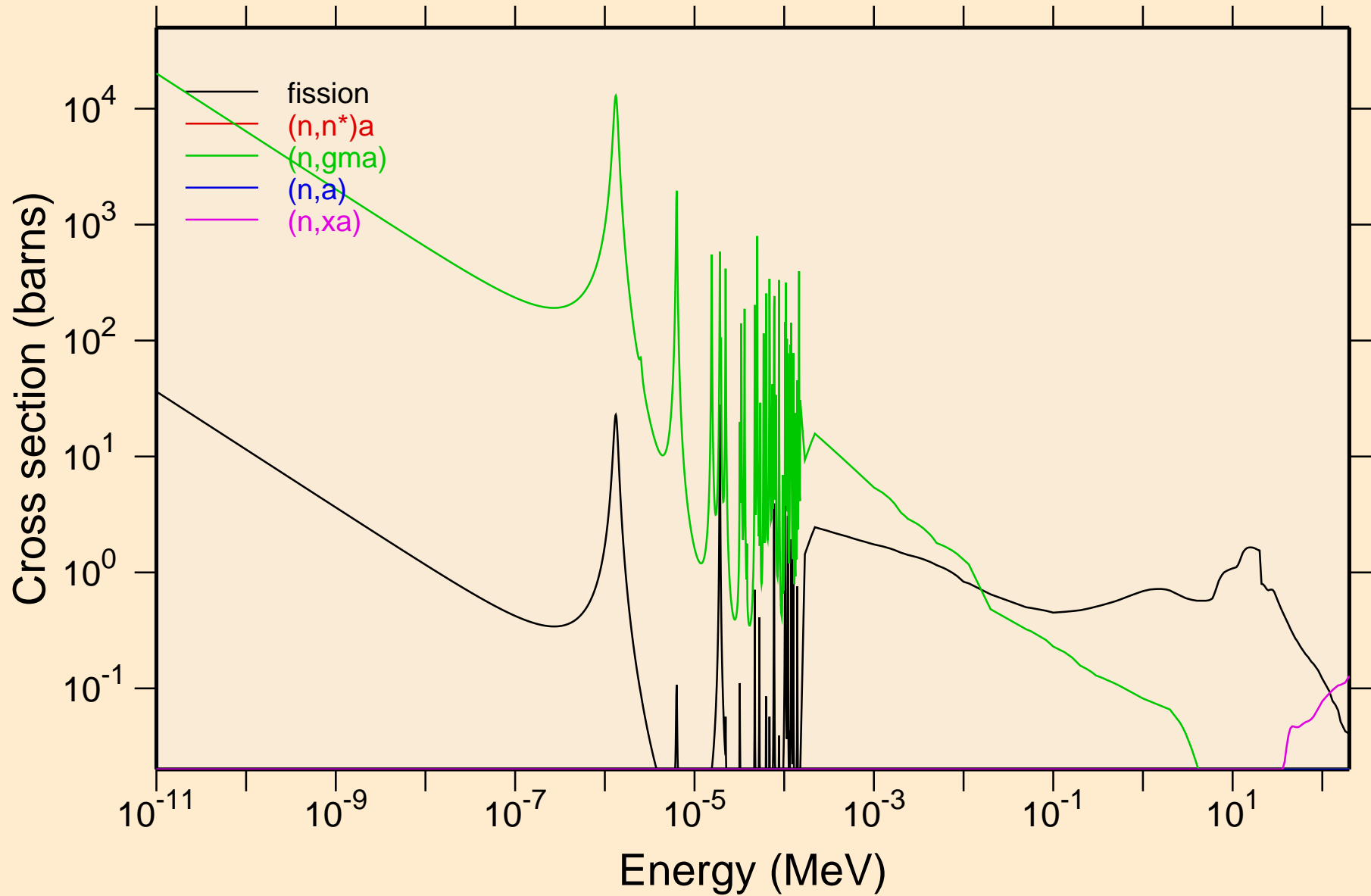


U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage



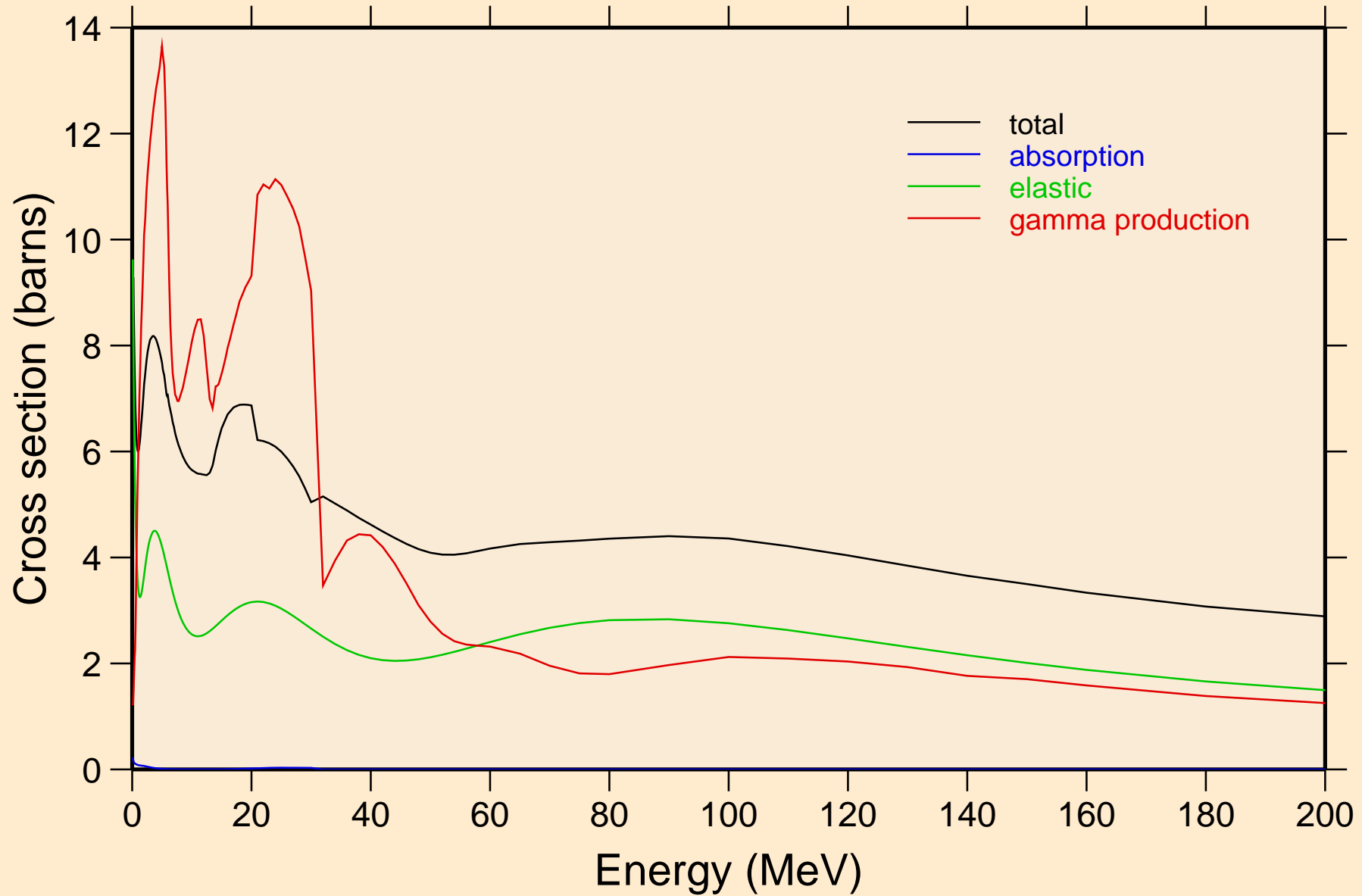
# U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Non-threshold reactions



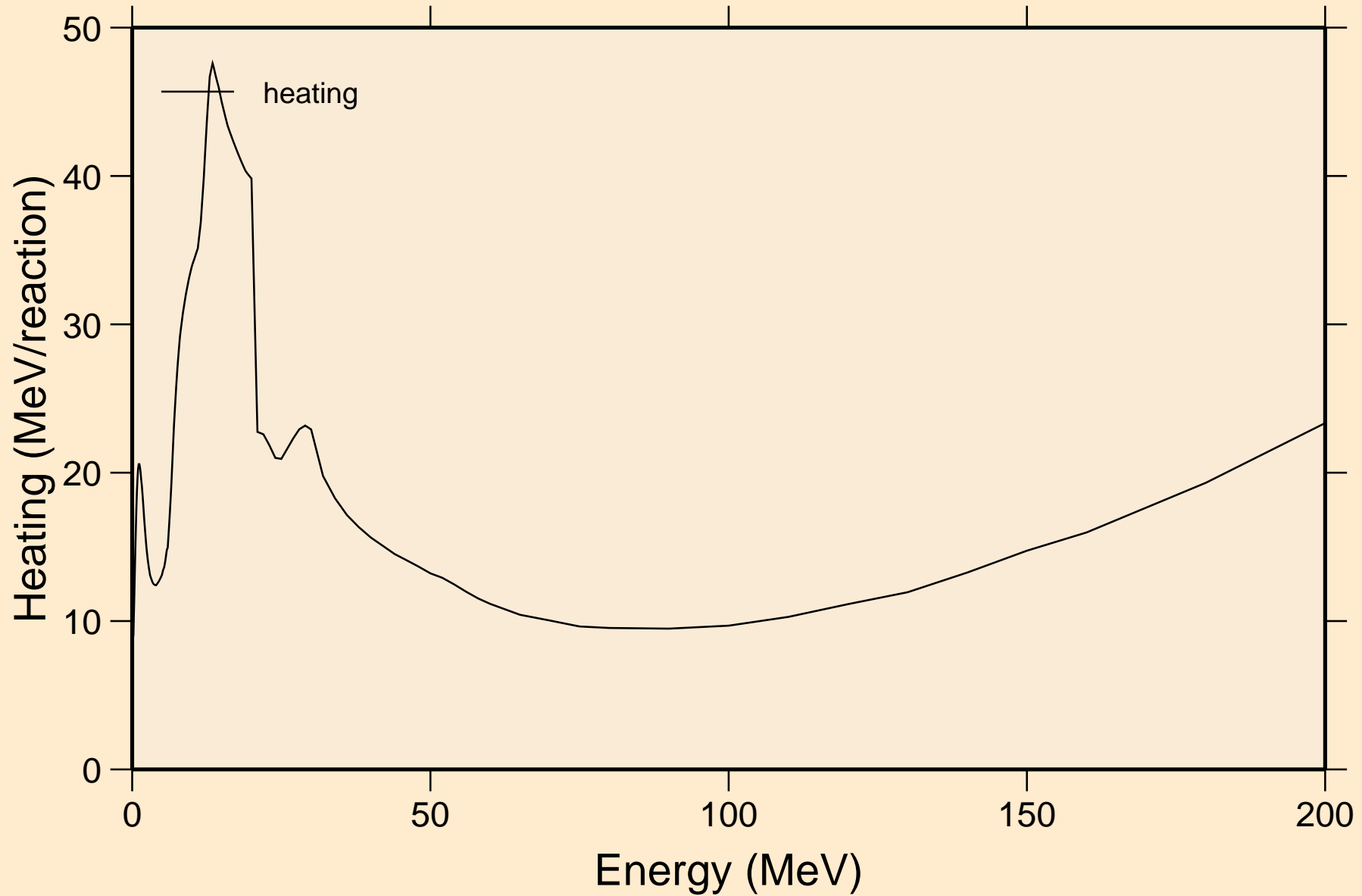
# U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



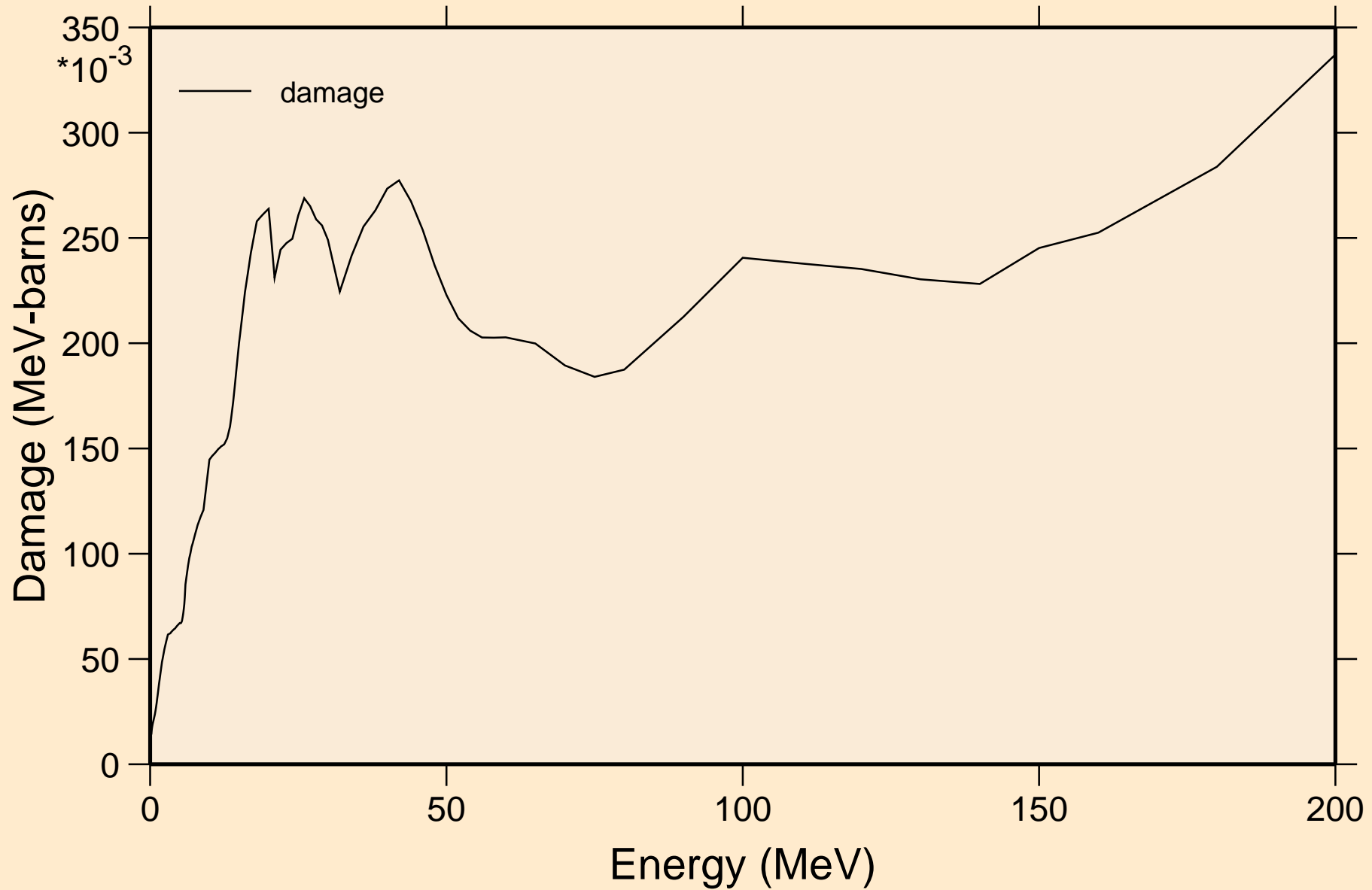
# U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



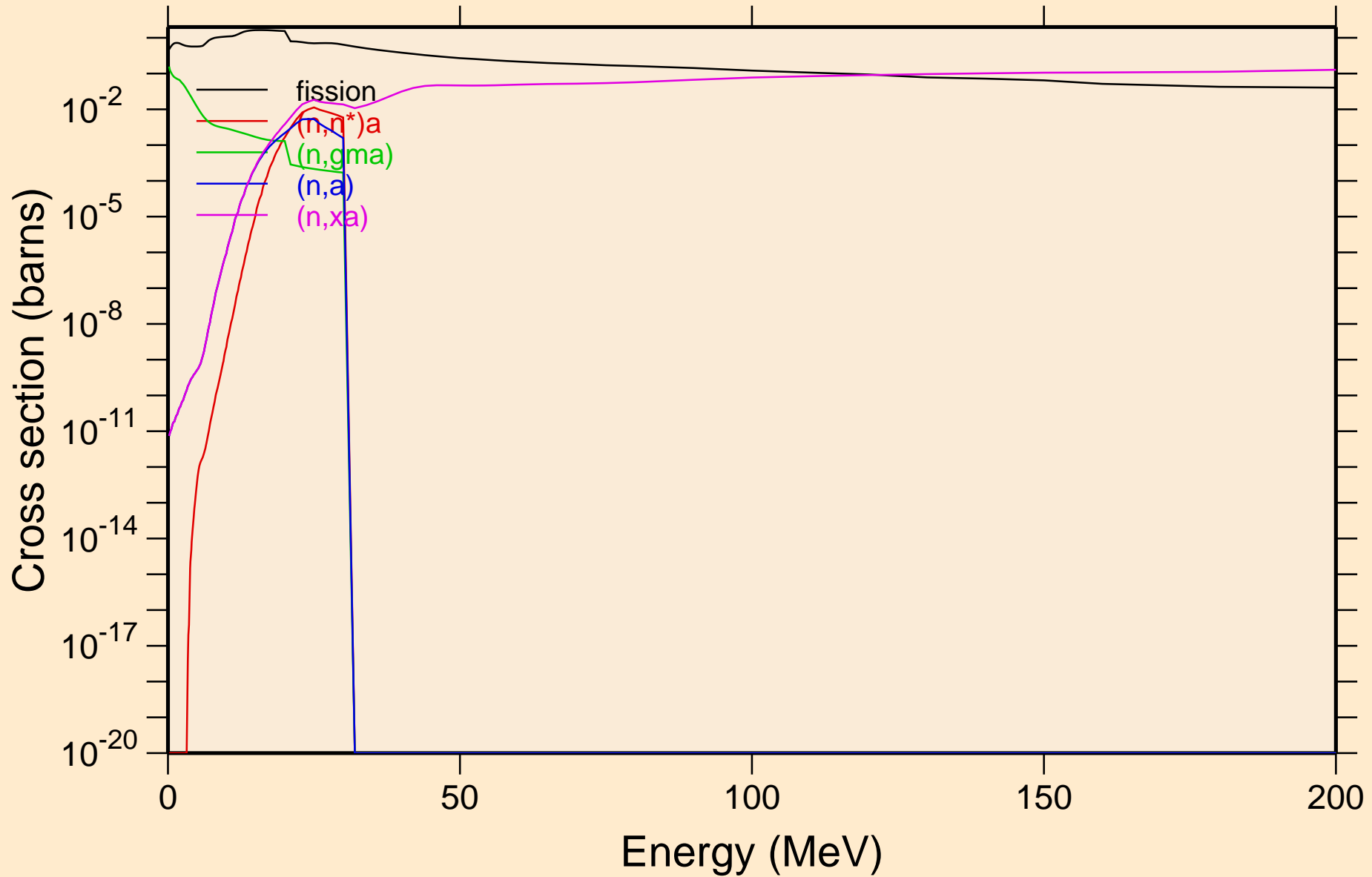
# U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Damage

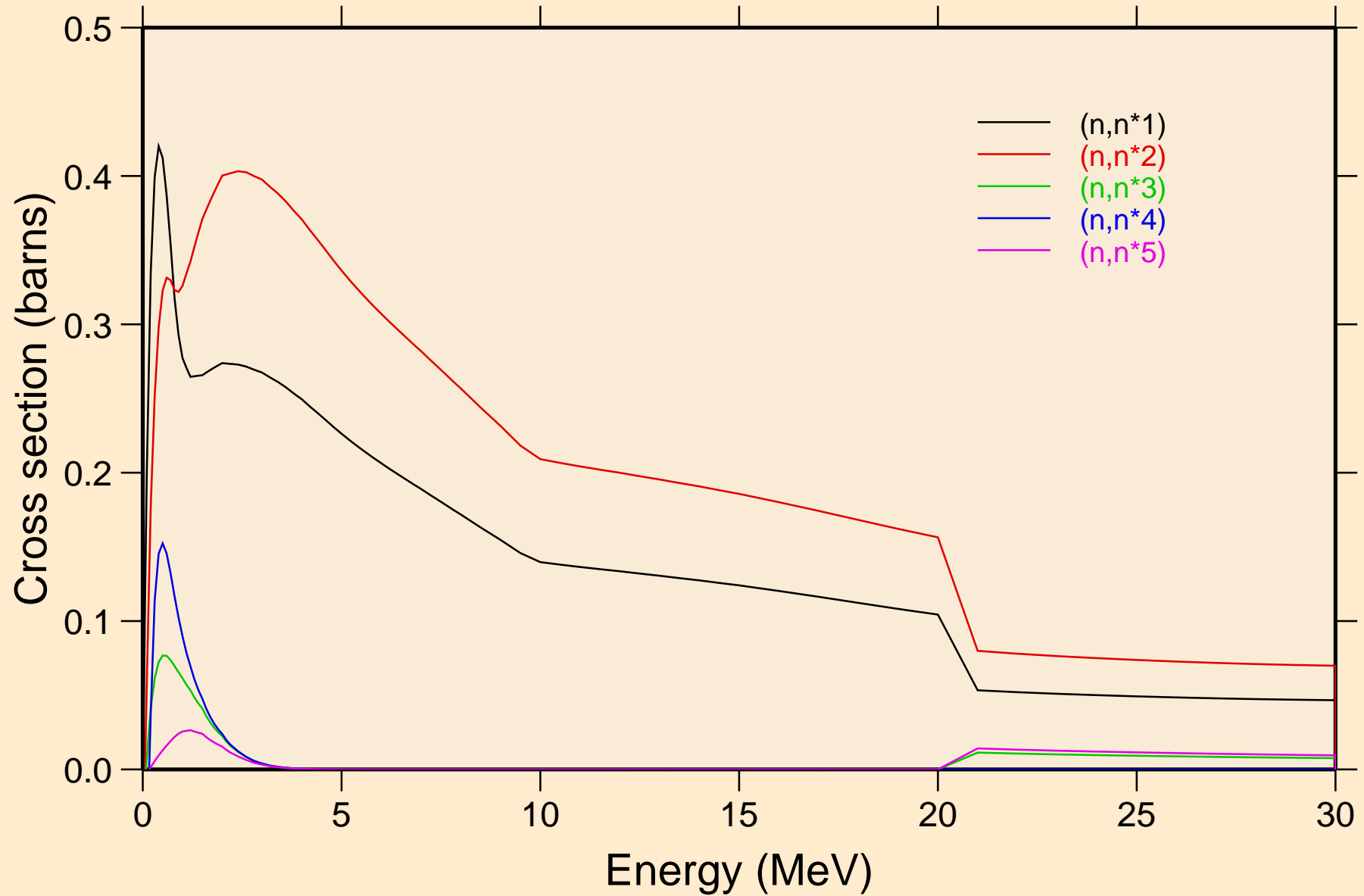


# U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Non-threshold reactions

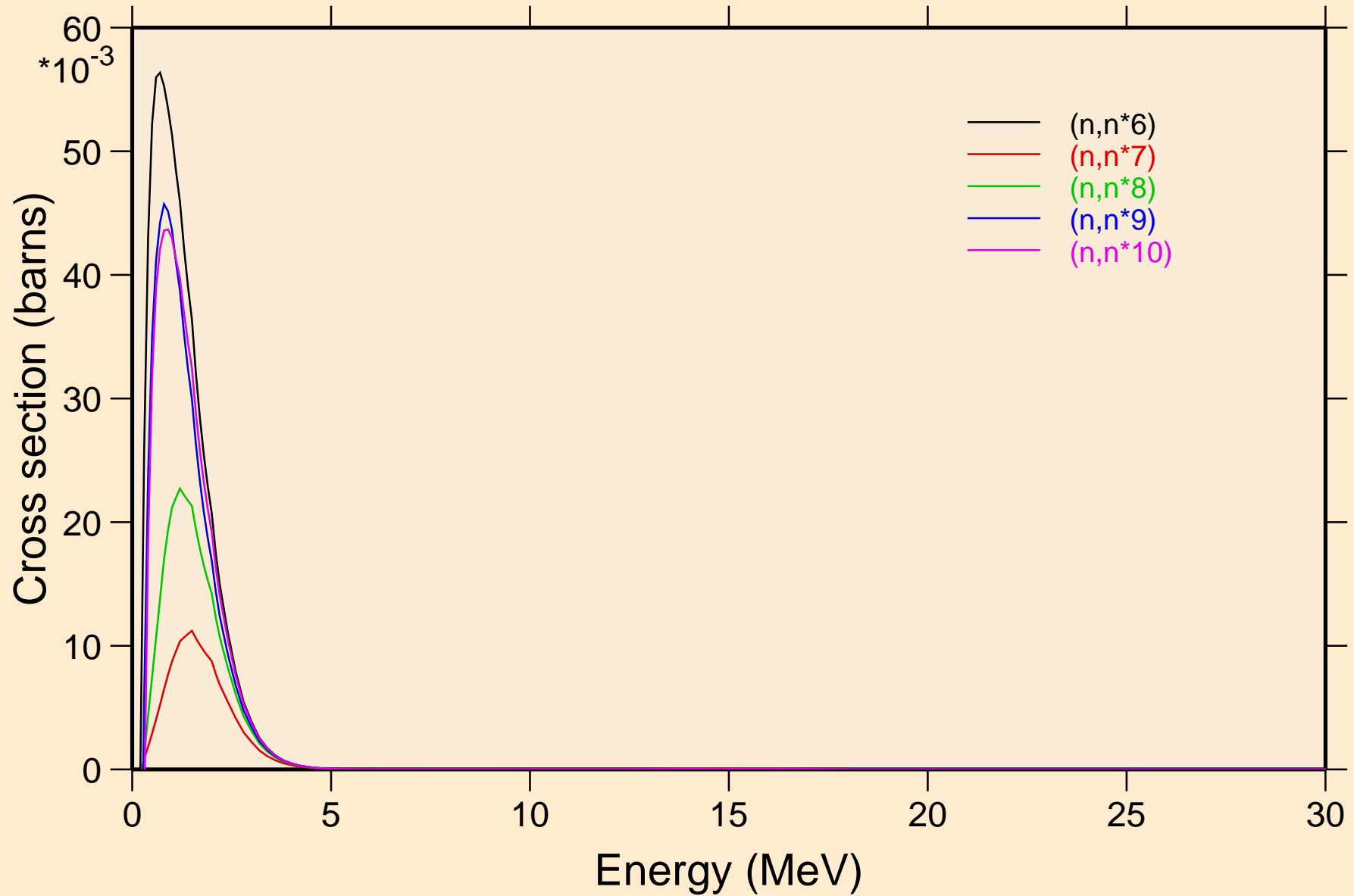


U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

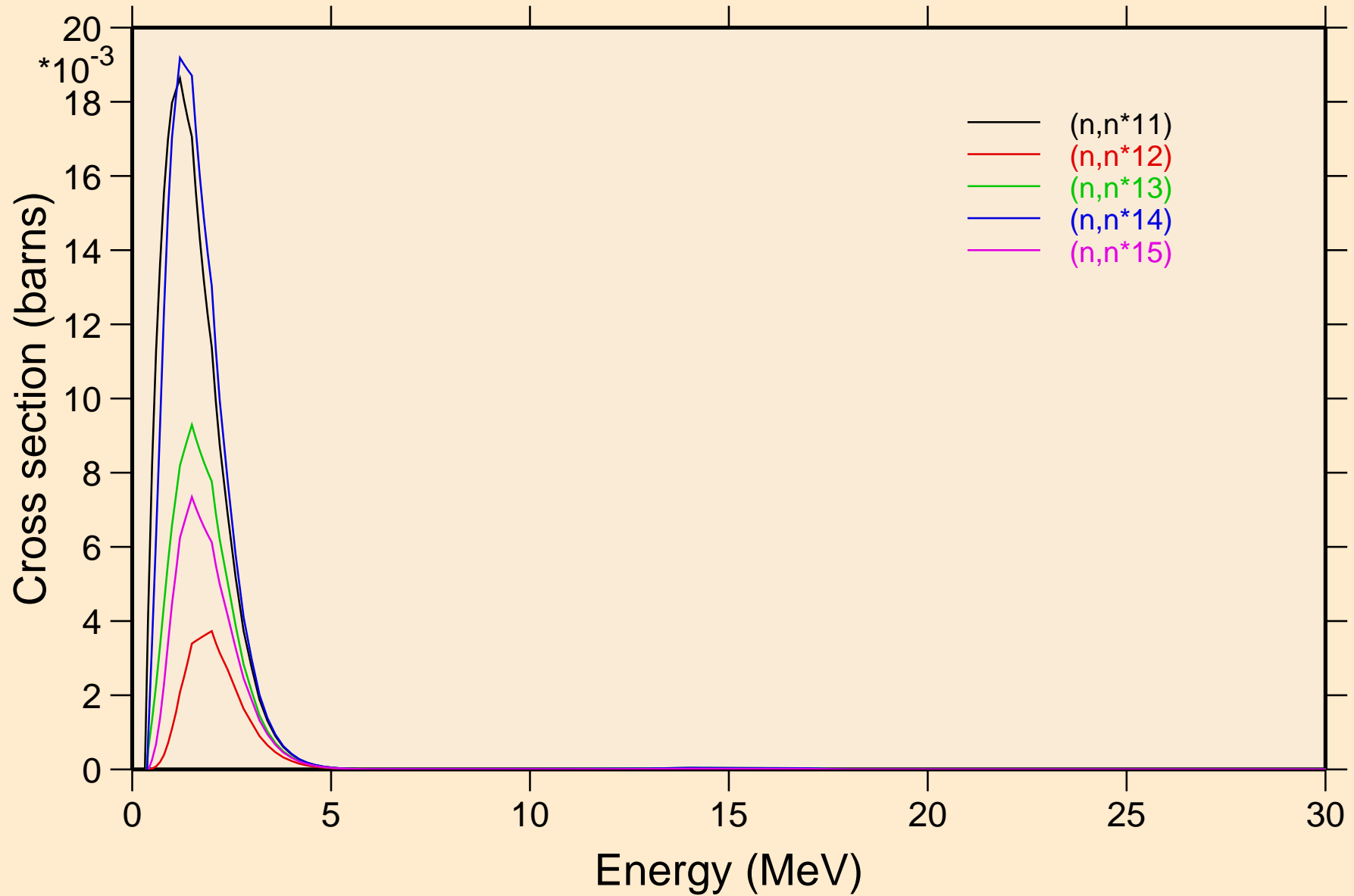




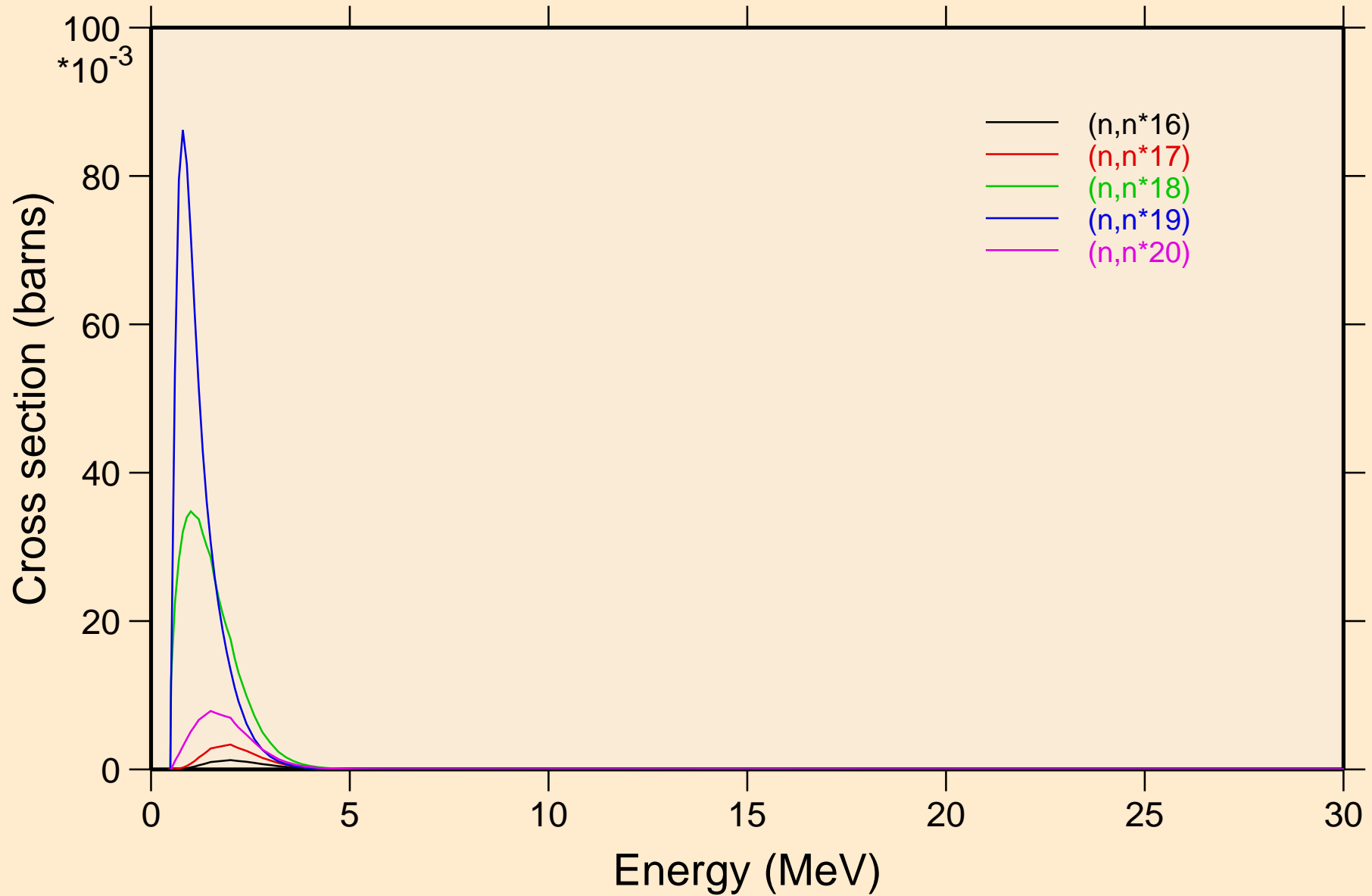
U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



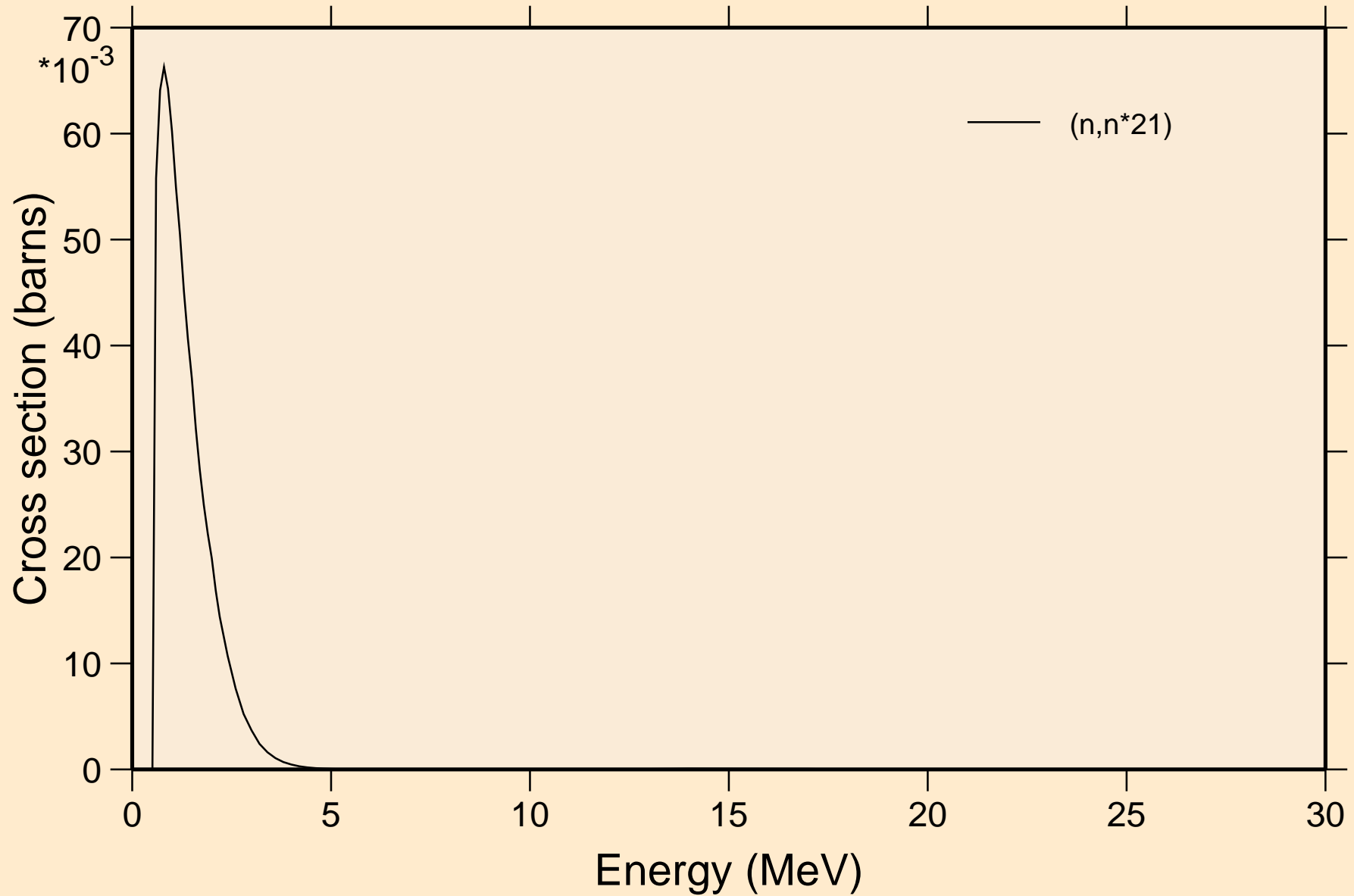
U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



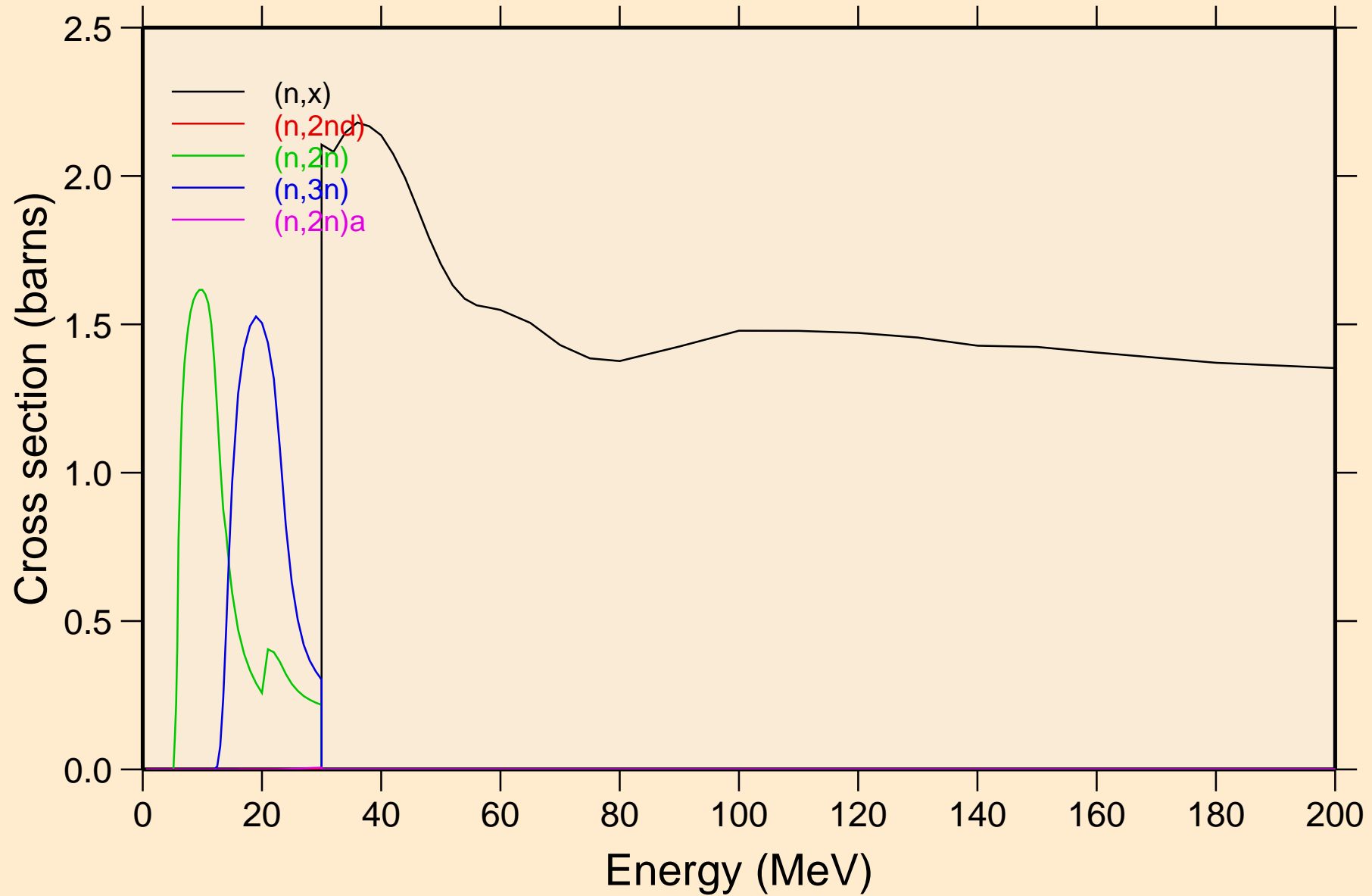
U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



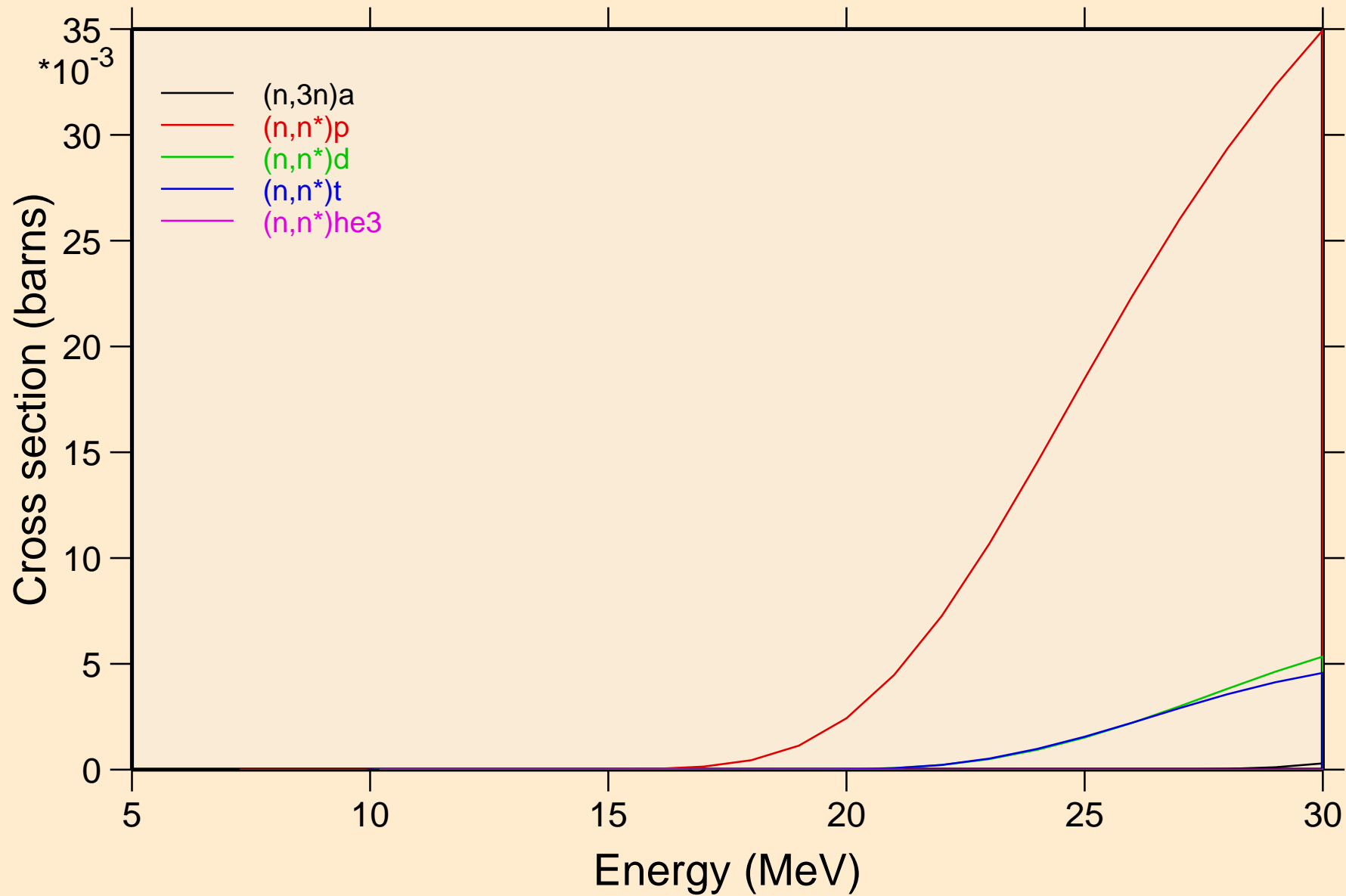
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Inelastic levels



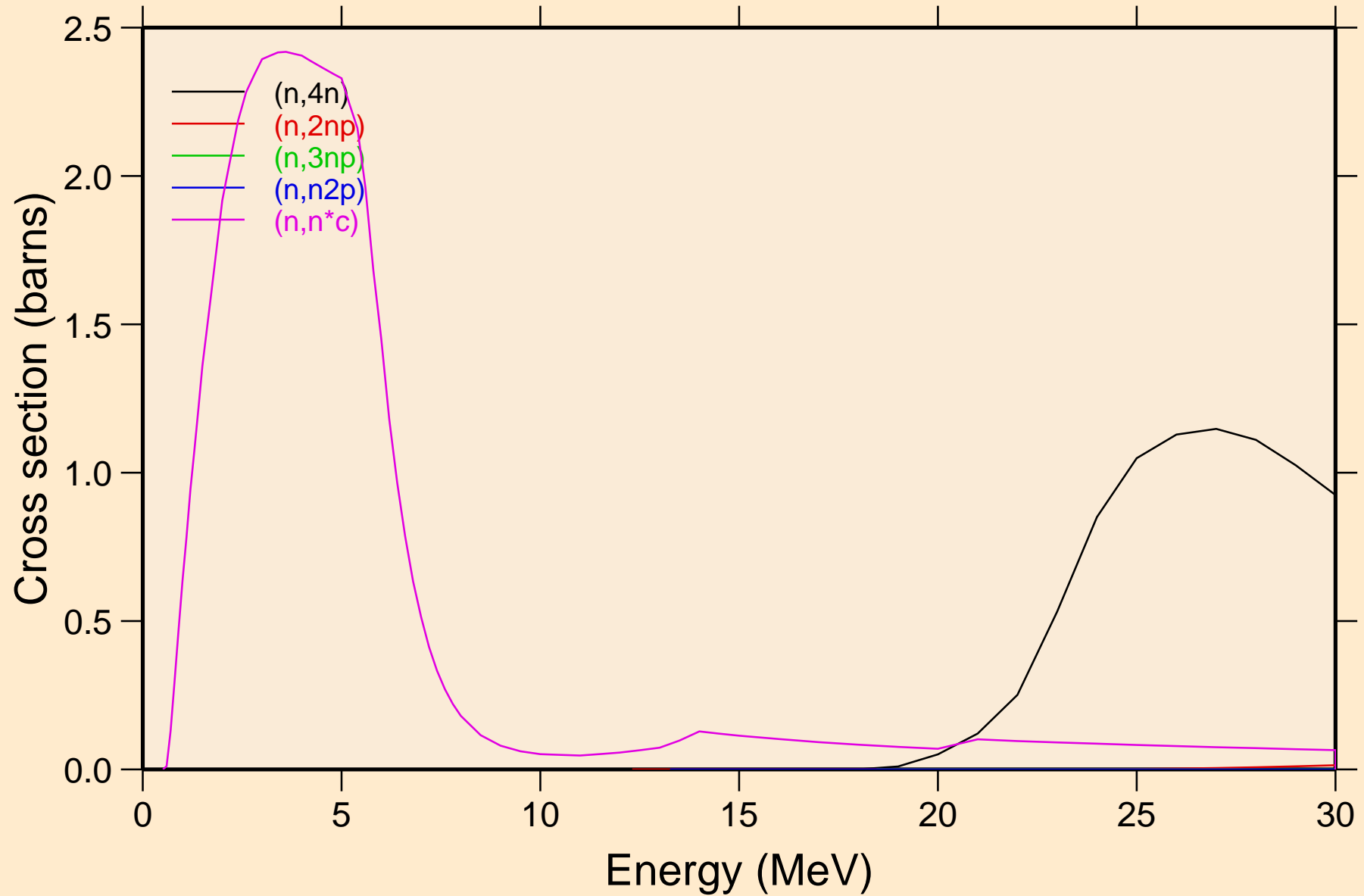
U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

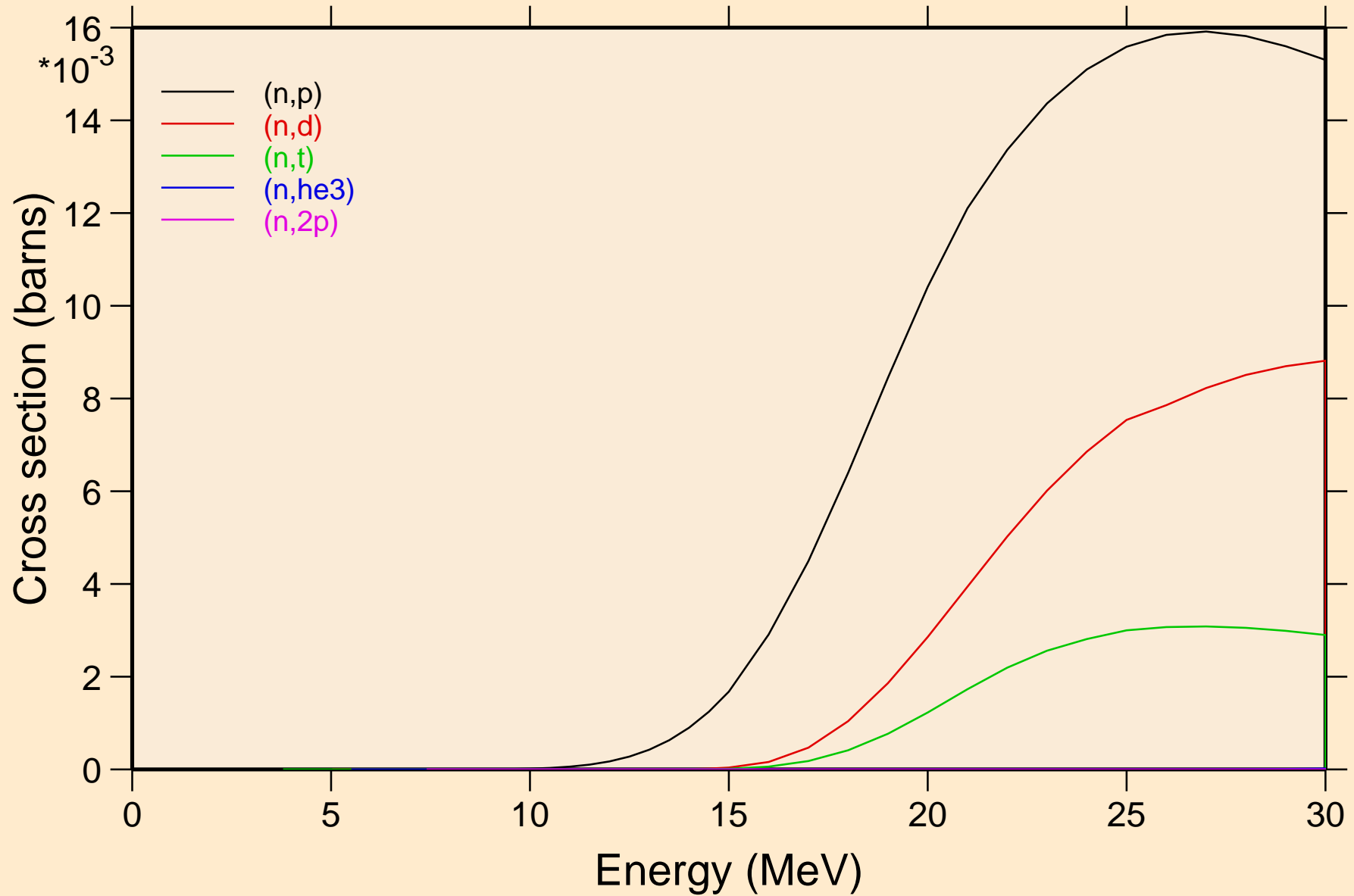


U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



# U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

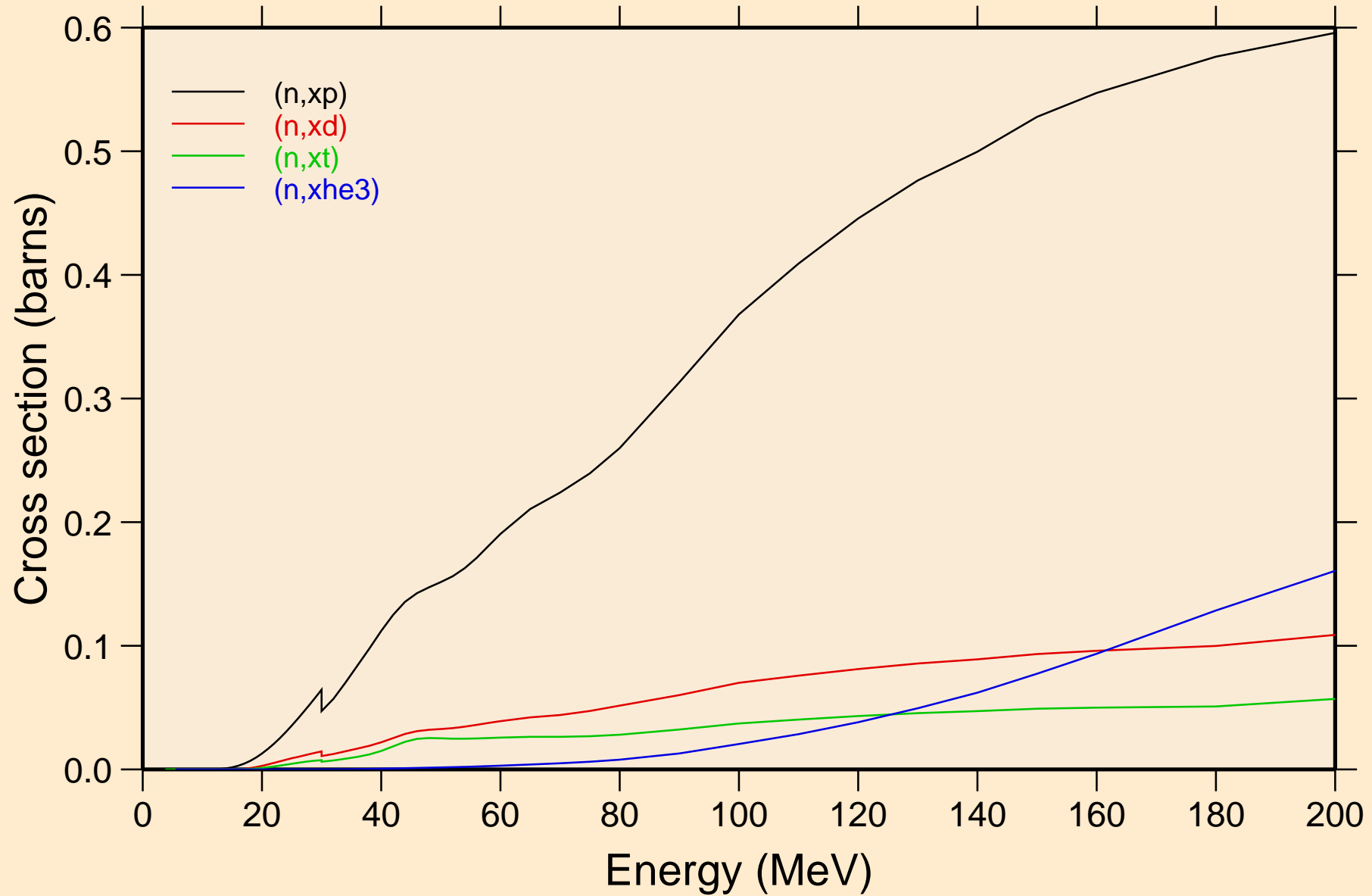
## Threshold reactions



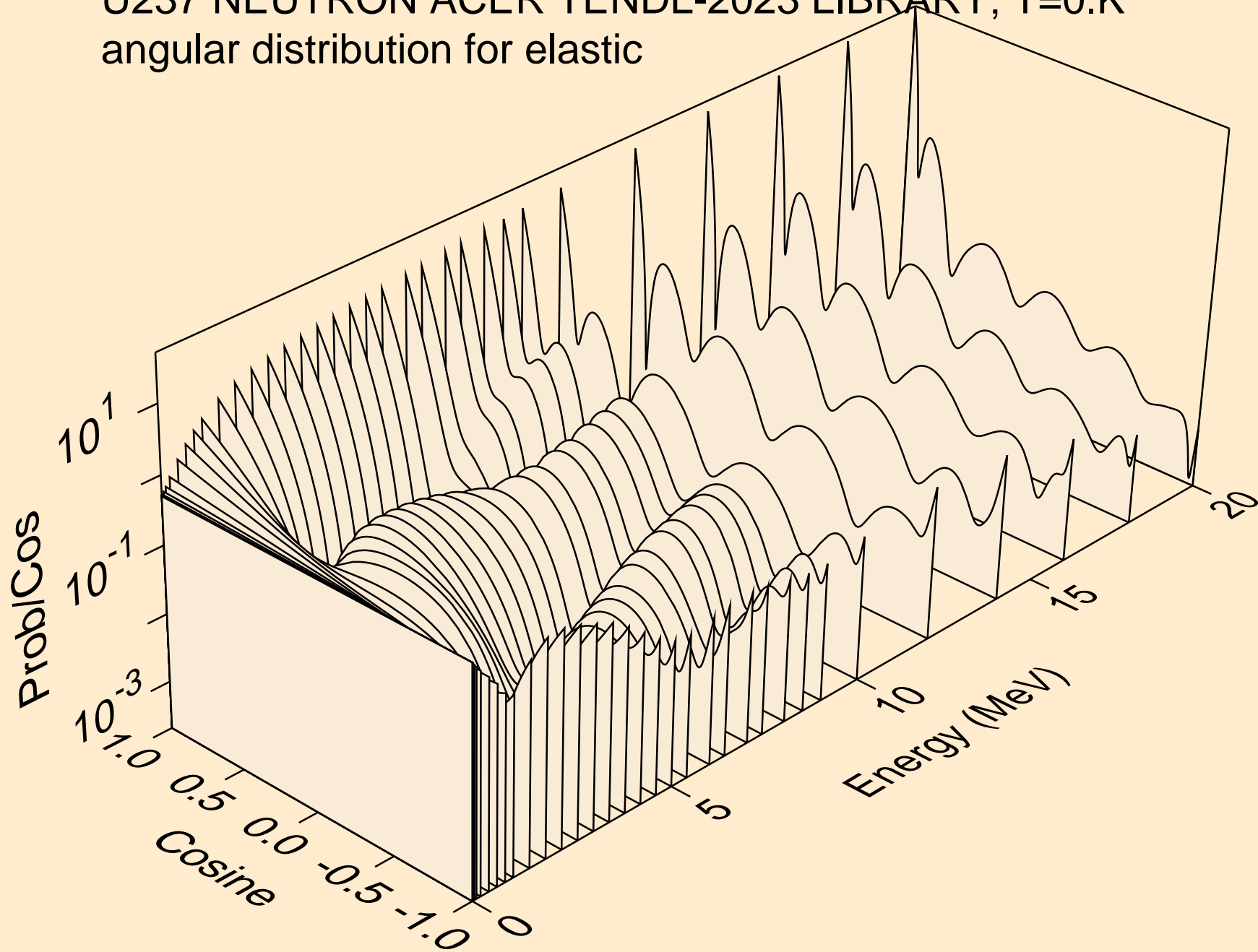


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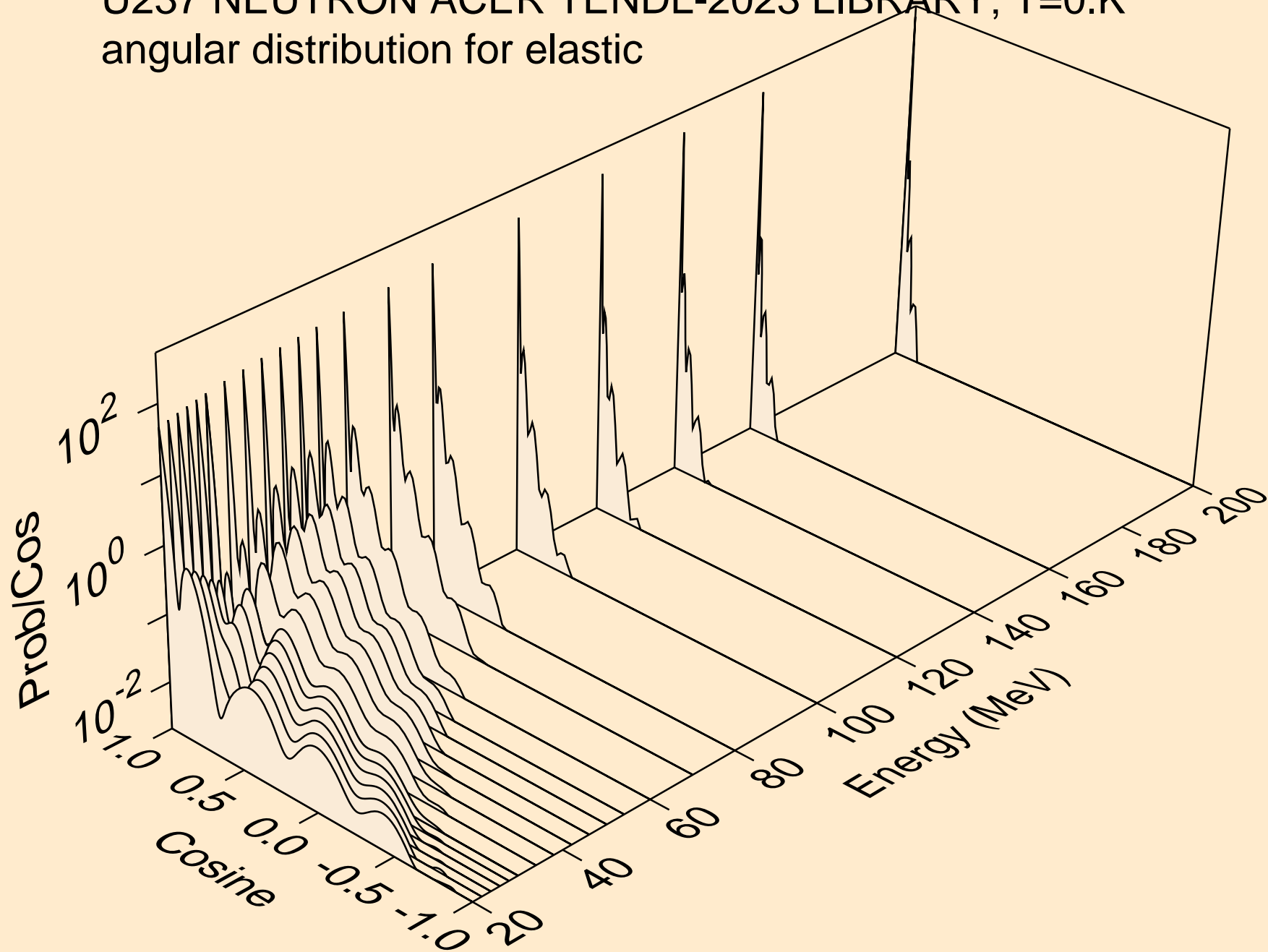
## Threshold reactions



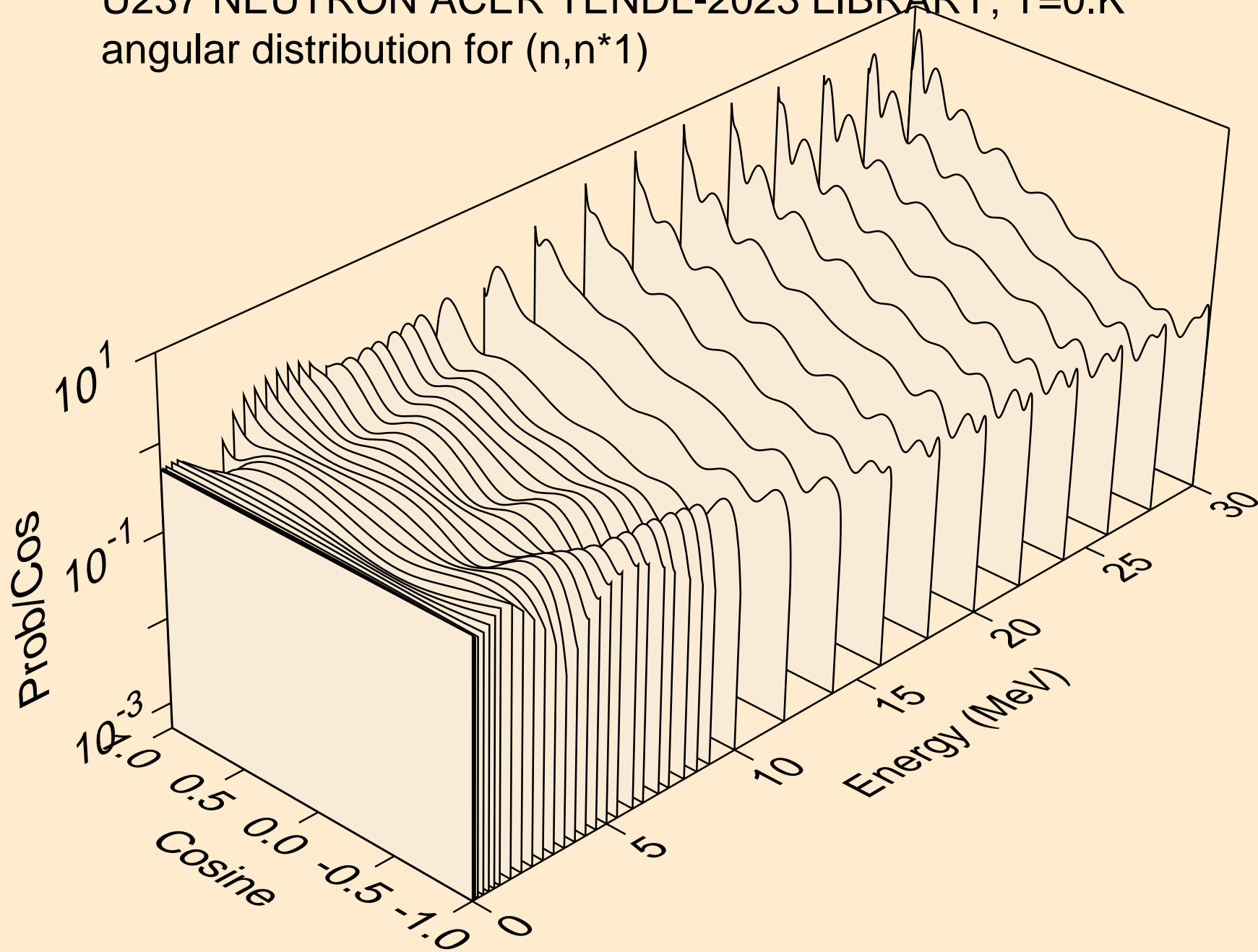
U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



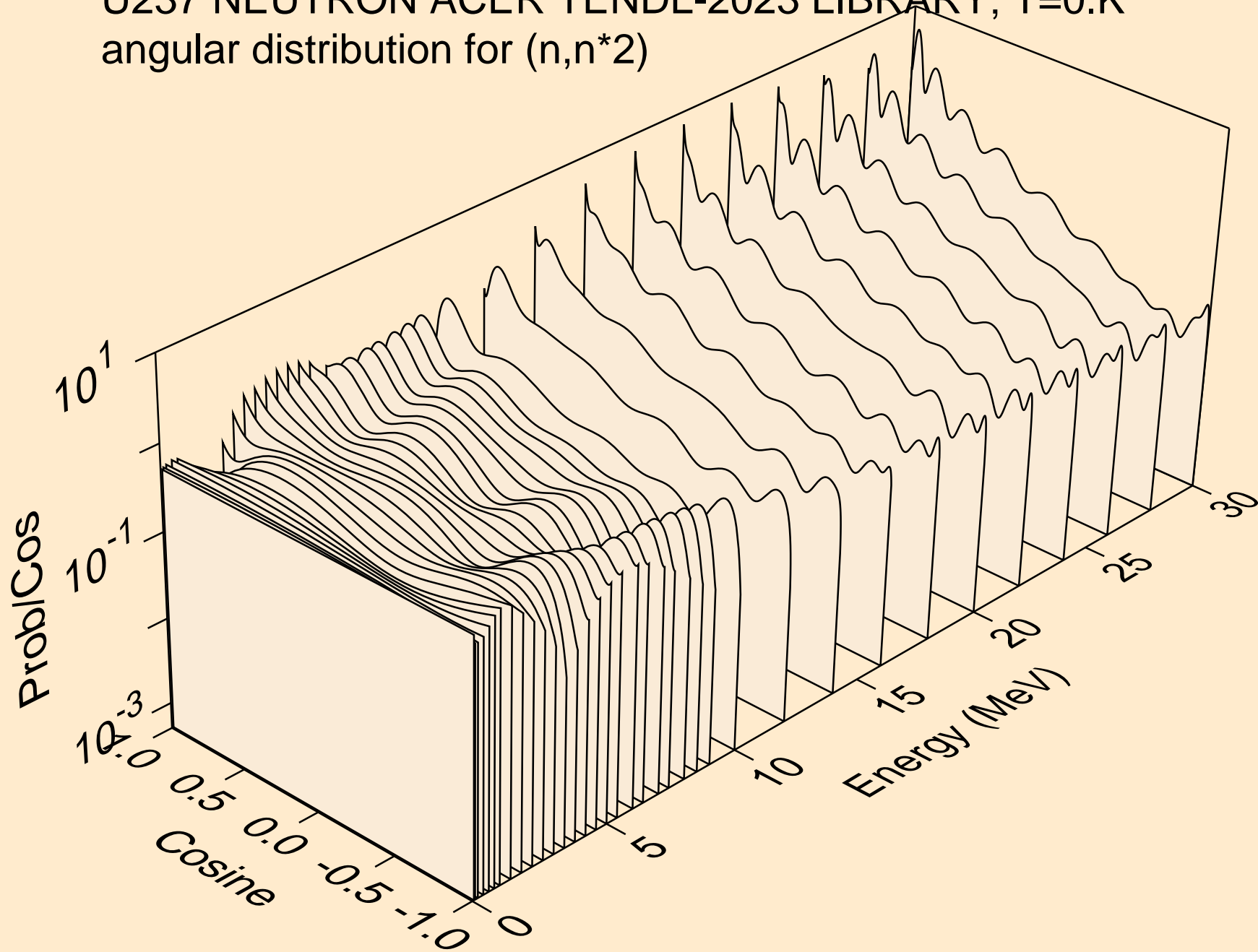
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angular distribution for elastic



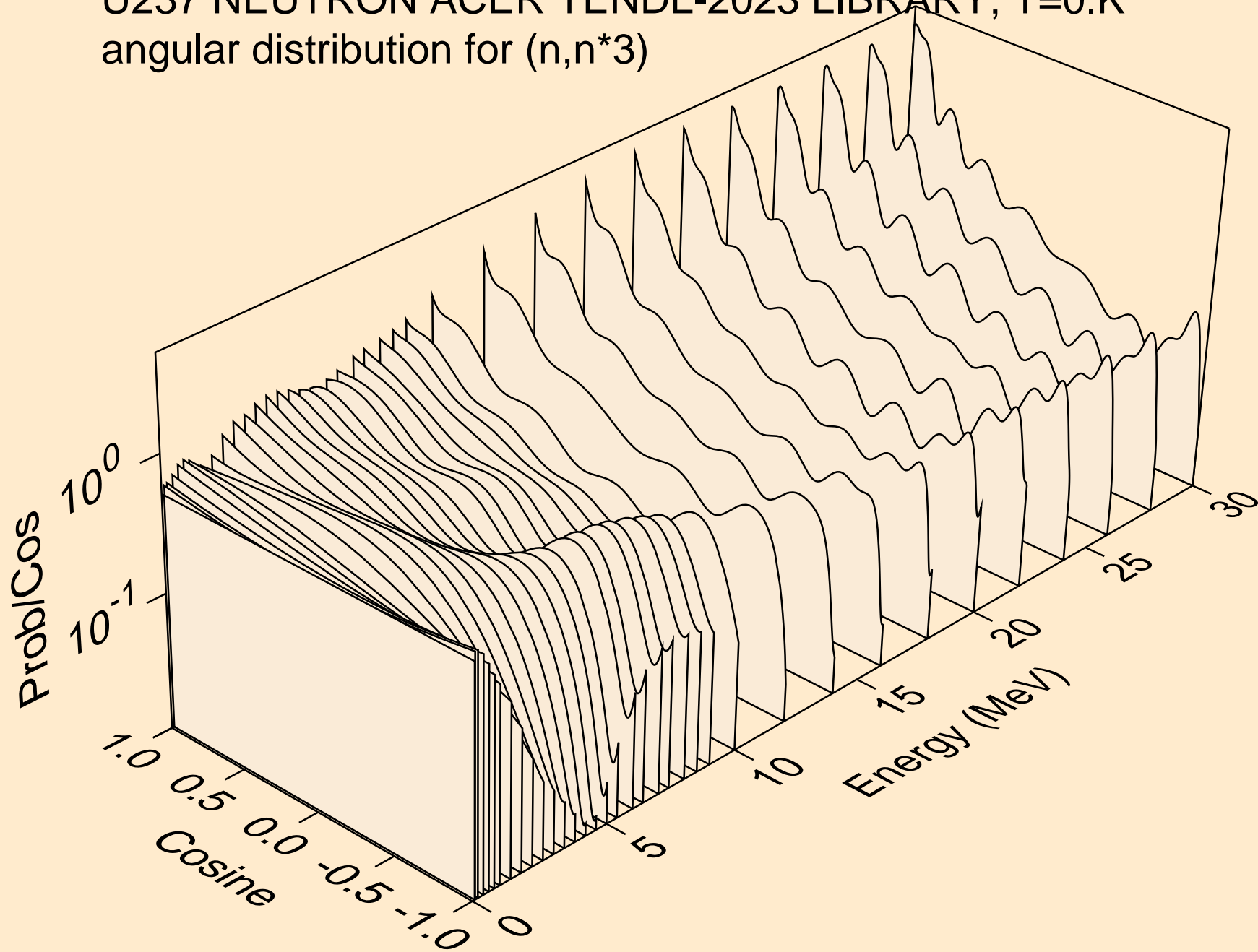
U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



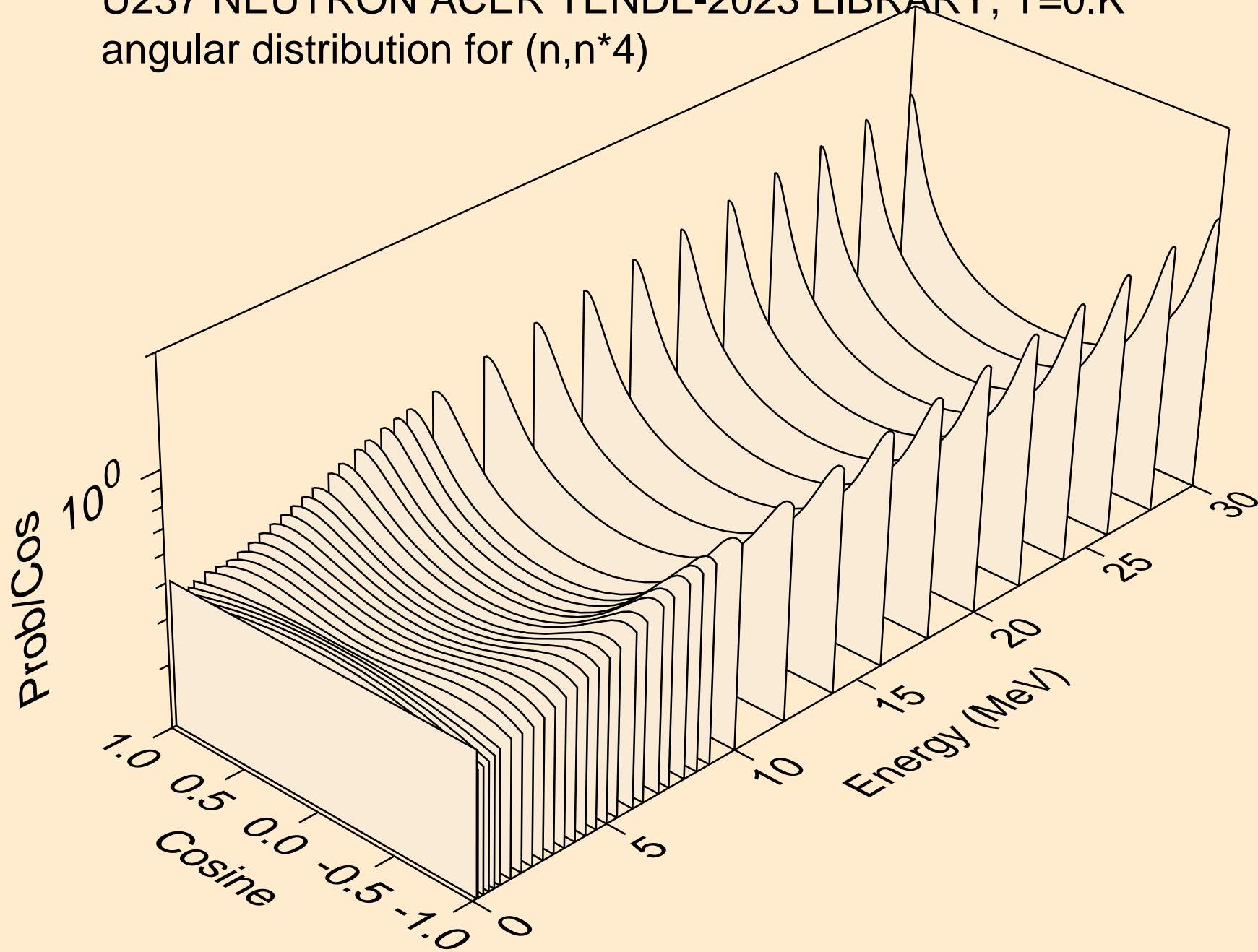
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angular distribution for (n,n\*2)



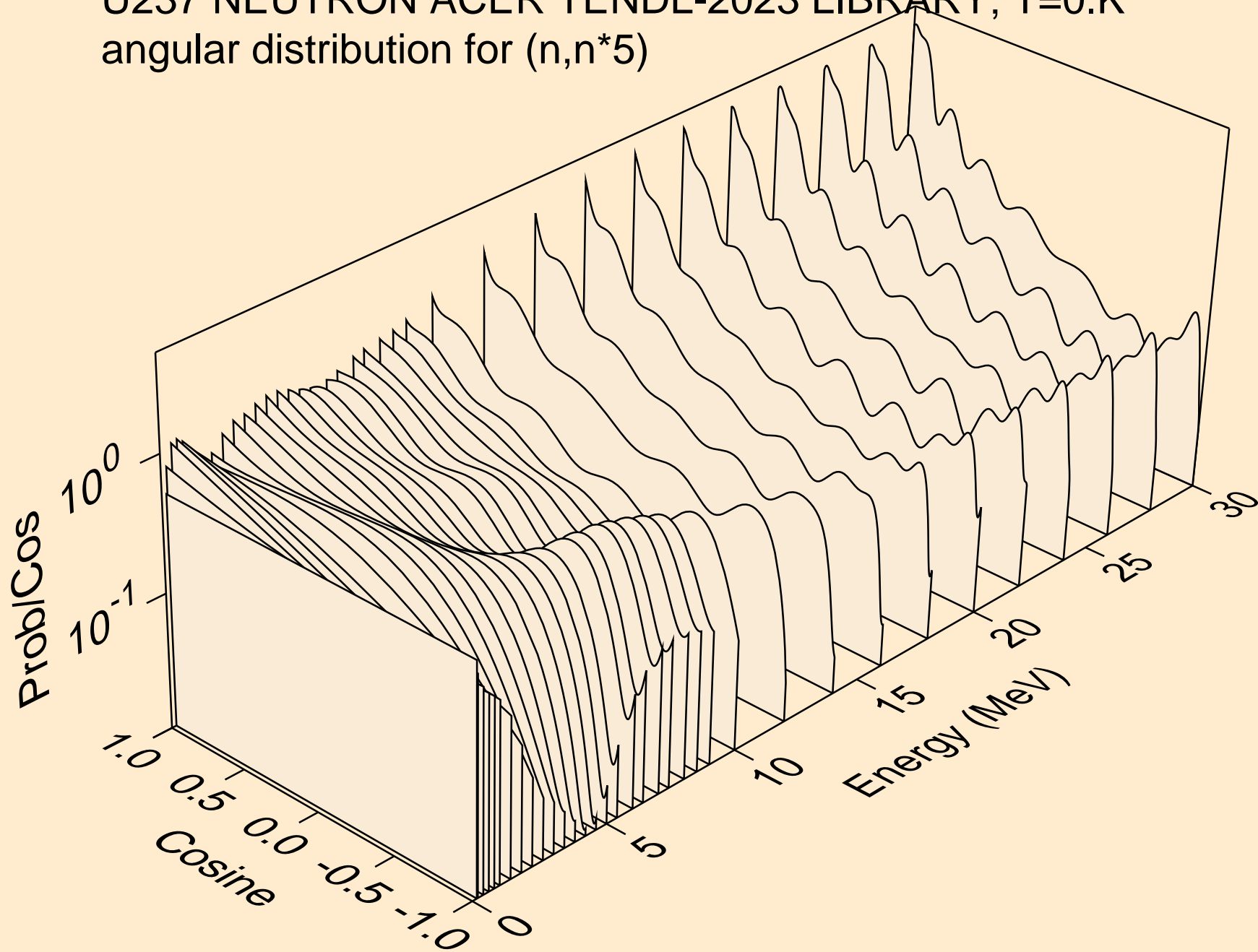
U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*4)

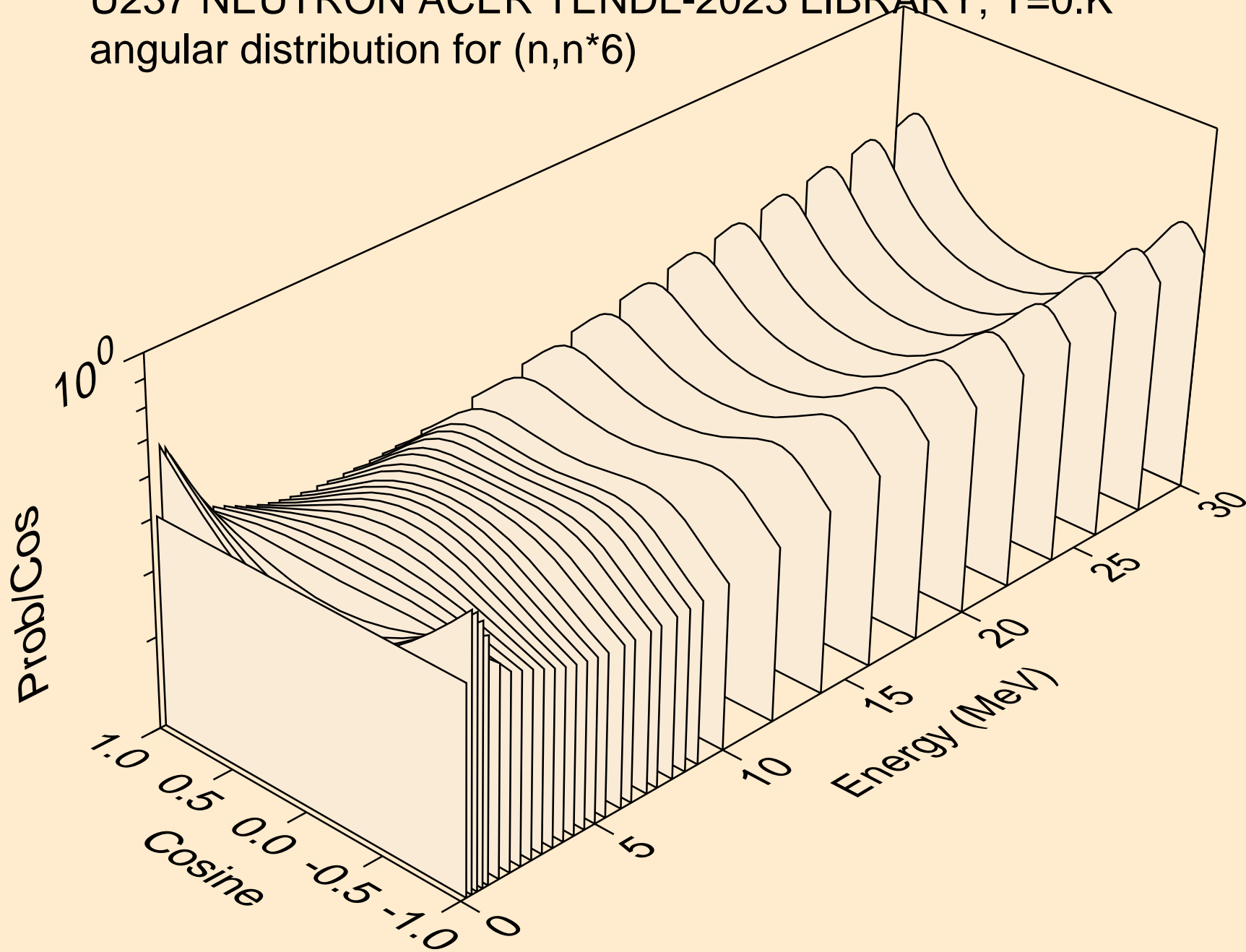


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angular distribution for (n,n\*5)

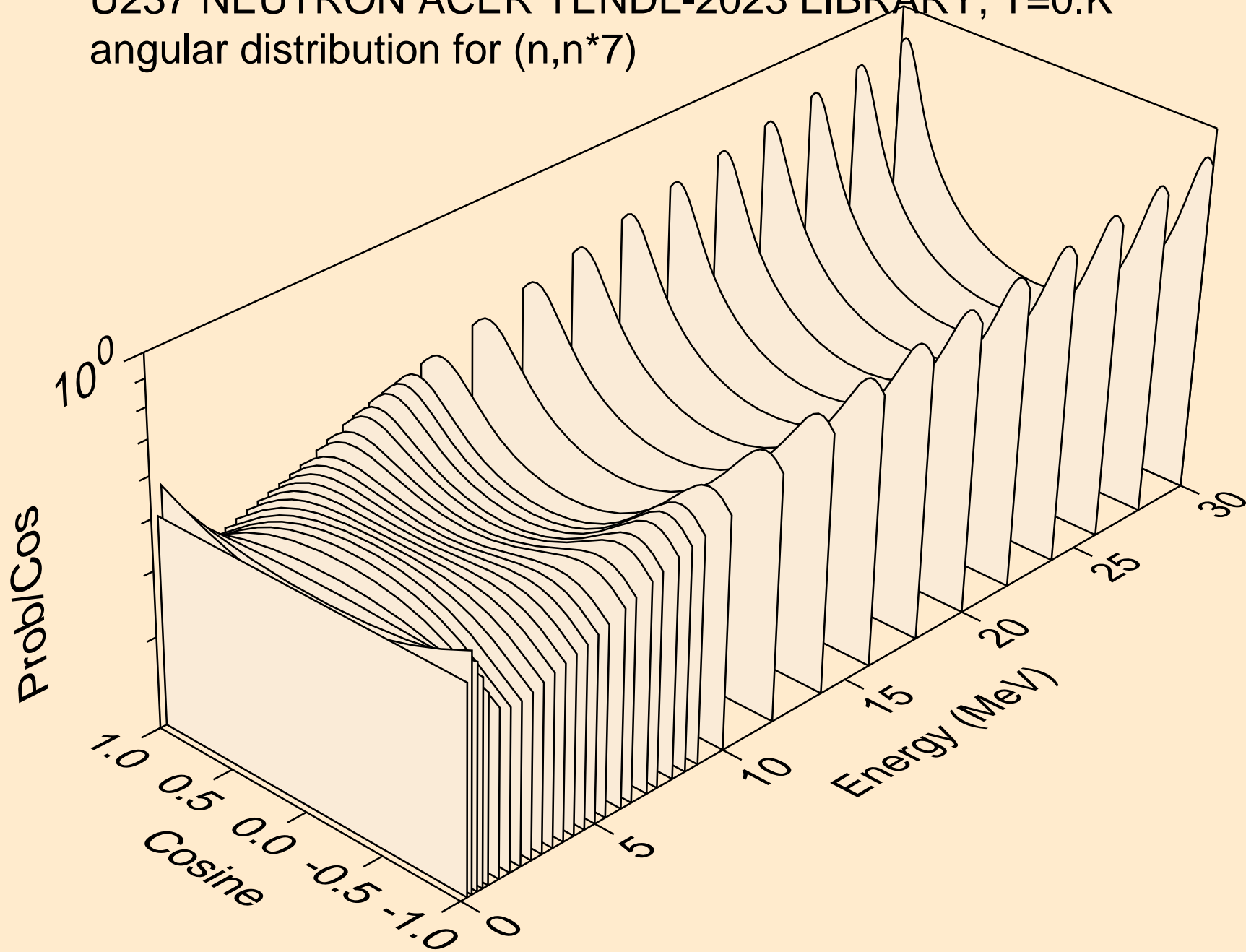




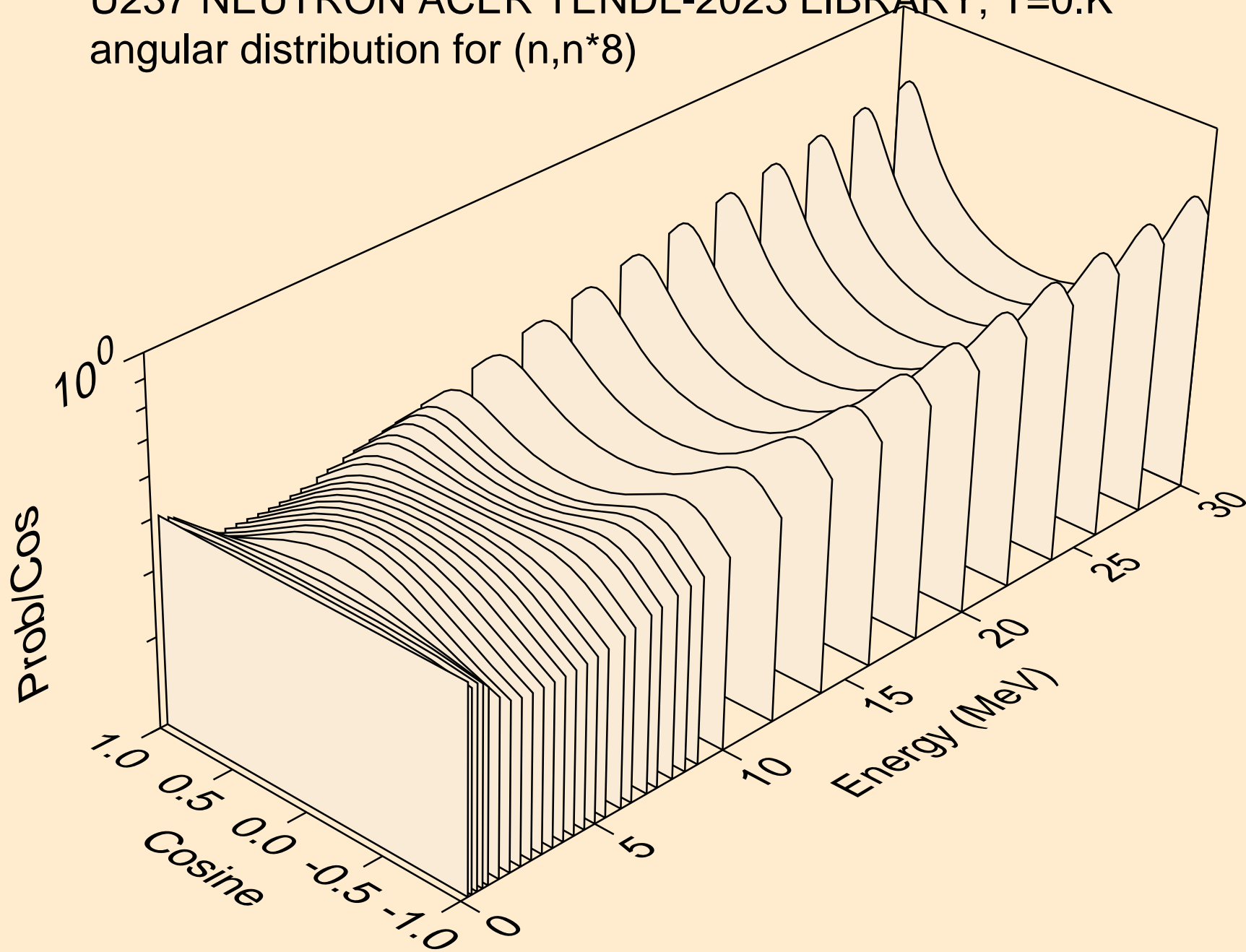
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angular distribution for (n,n\*6)



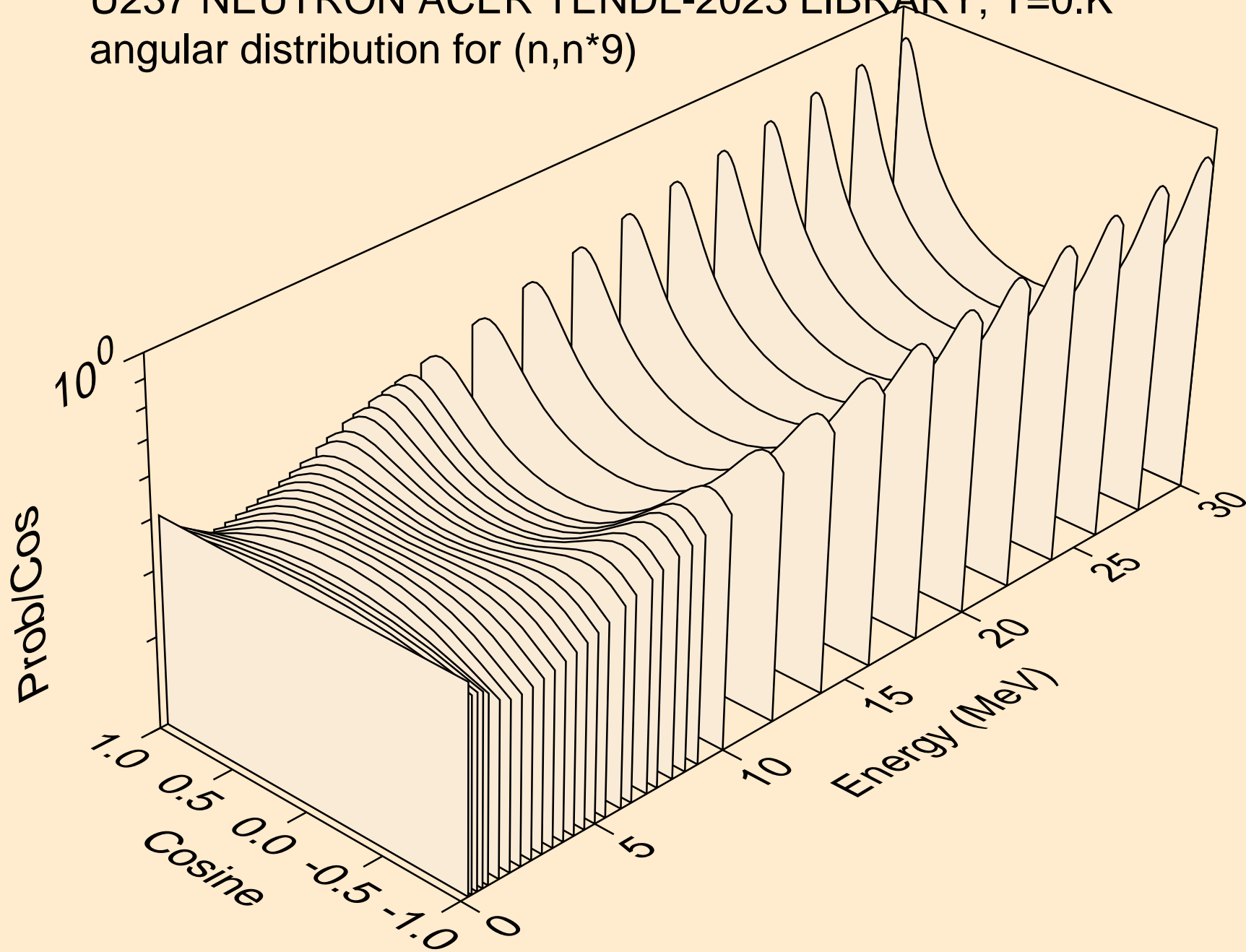
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angular distribution for (n,n\*7)



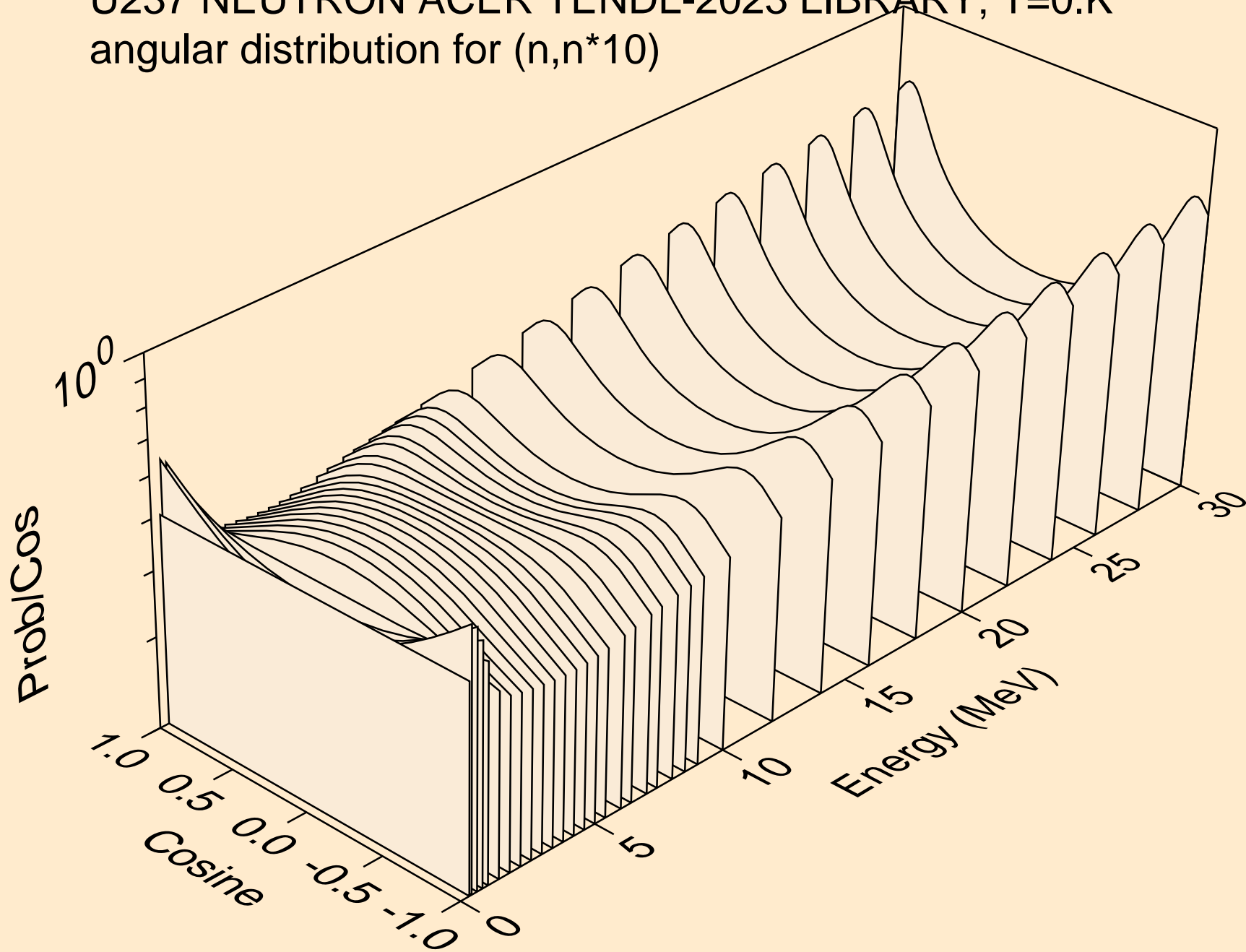
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angular distribution for (n,n\*8)



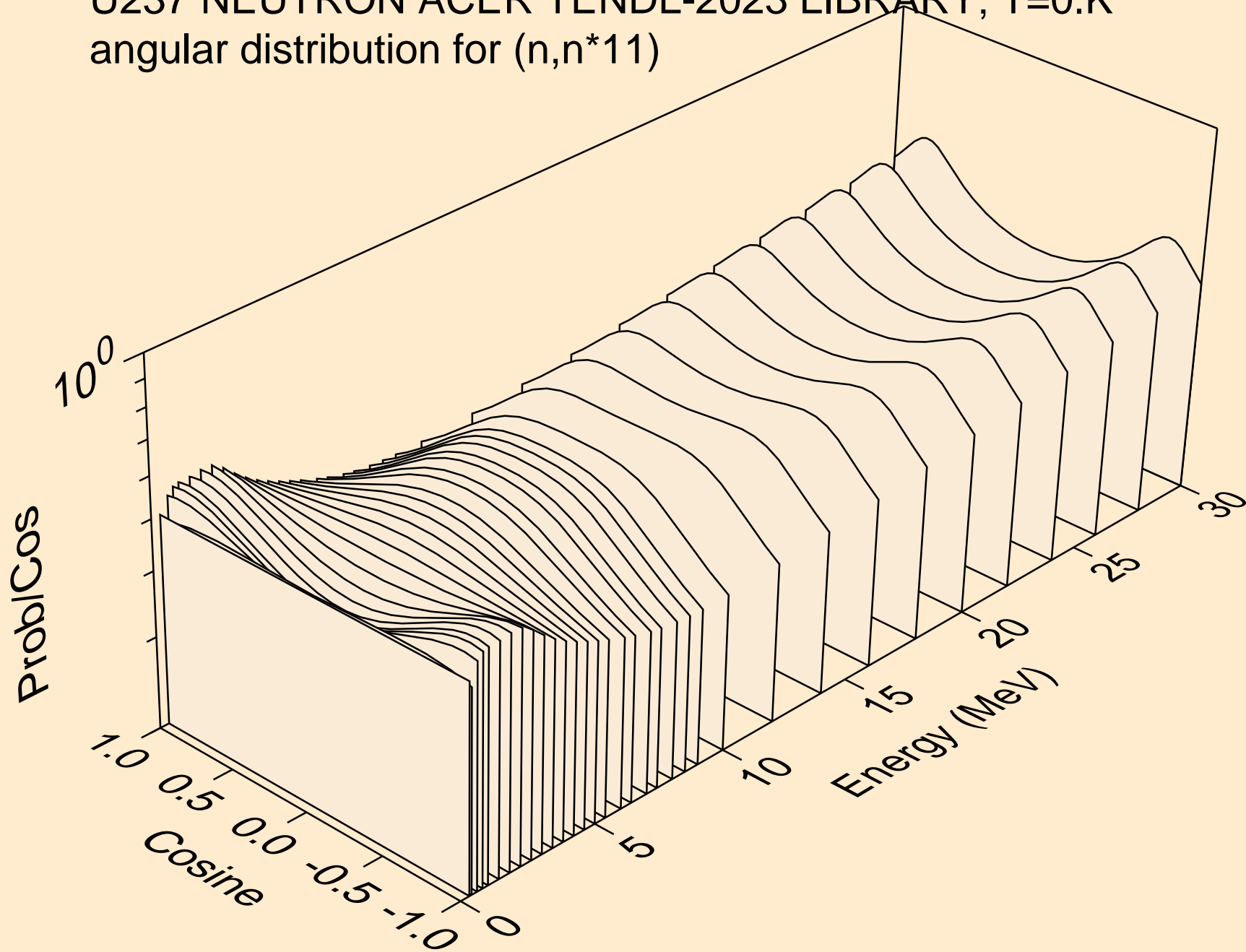
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angular distribution for (n,n\*9)



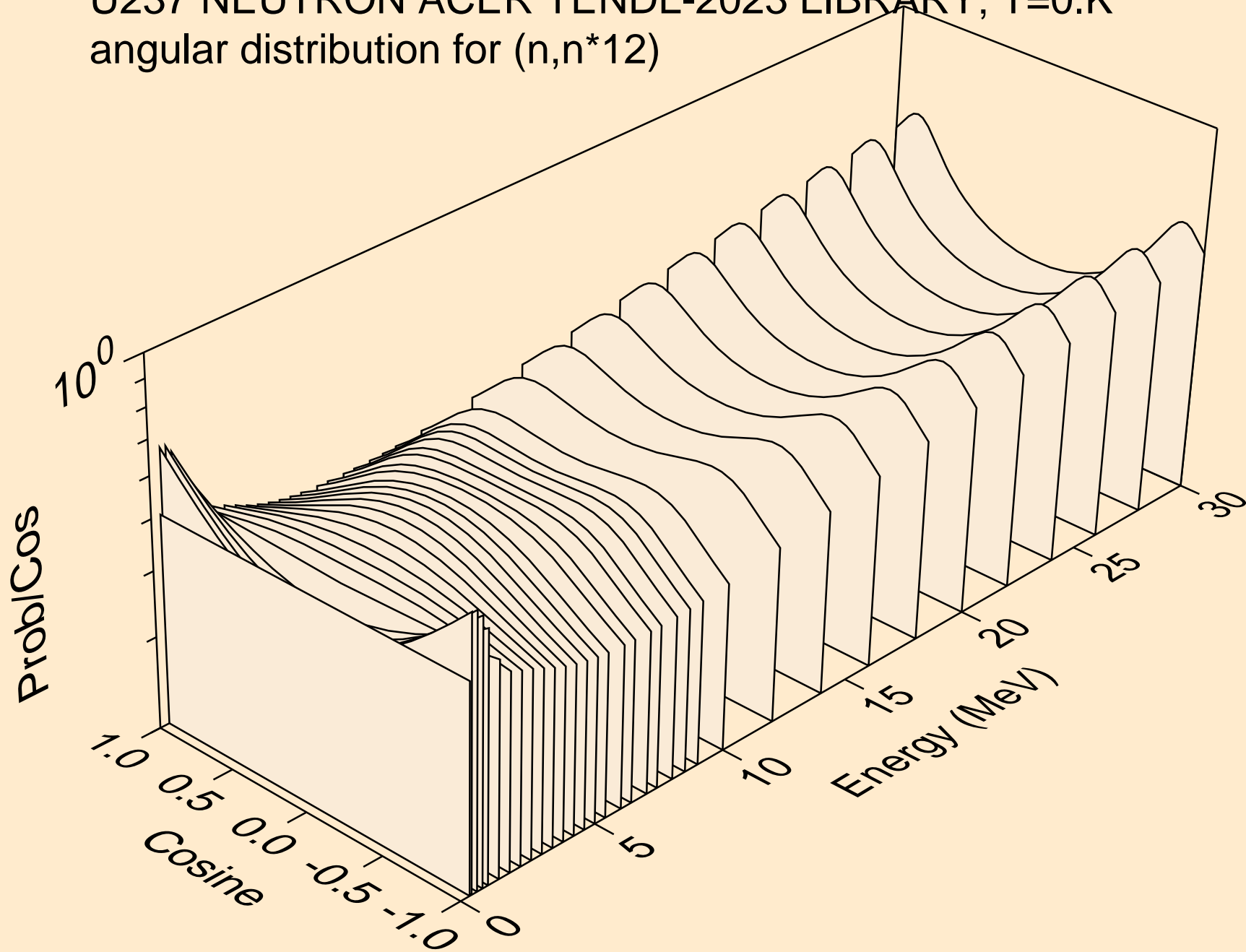
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angular distribution for (n,n\*10)



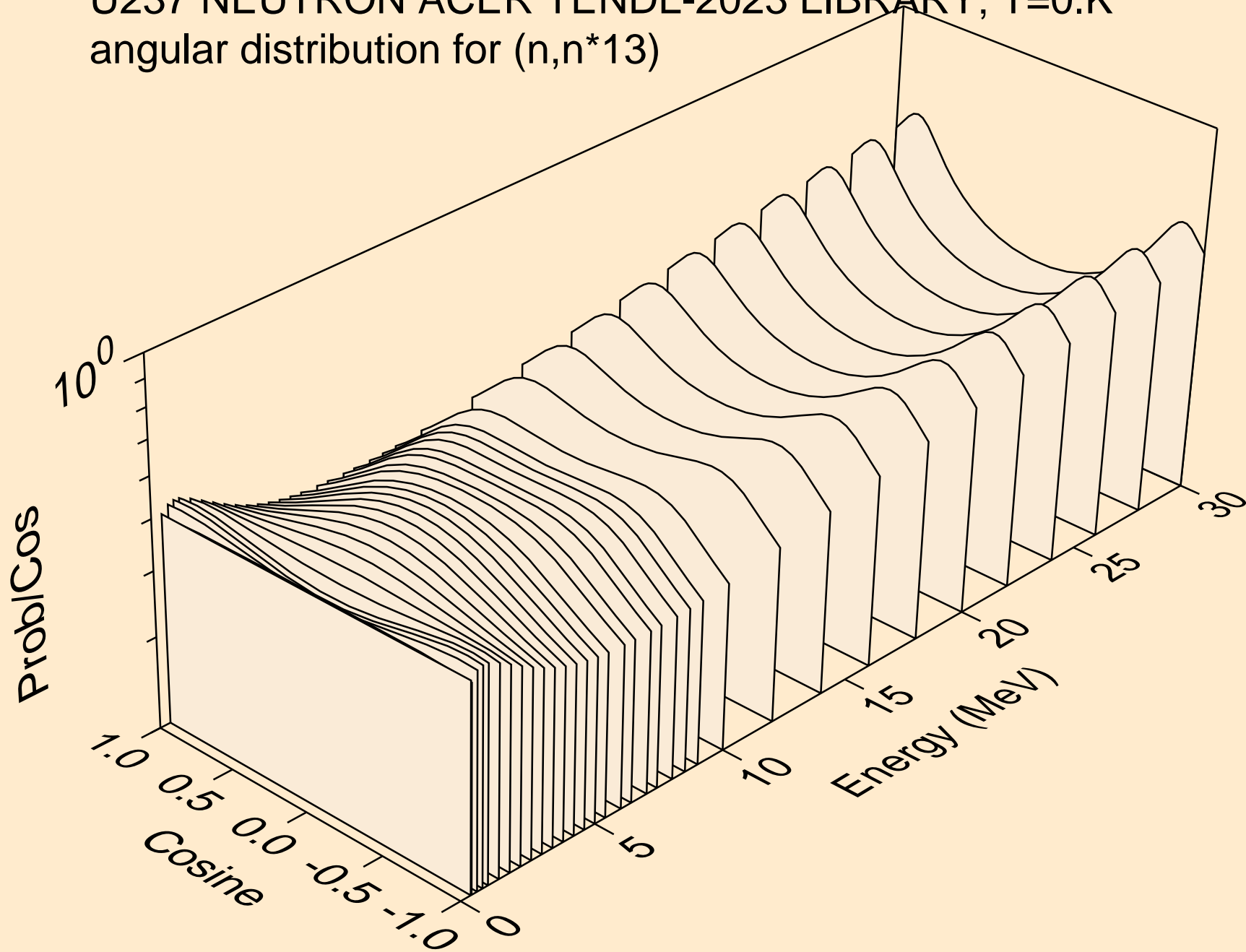
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angular distribution for (n,n\*11)



U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*12)

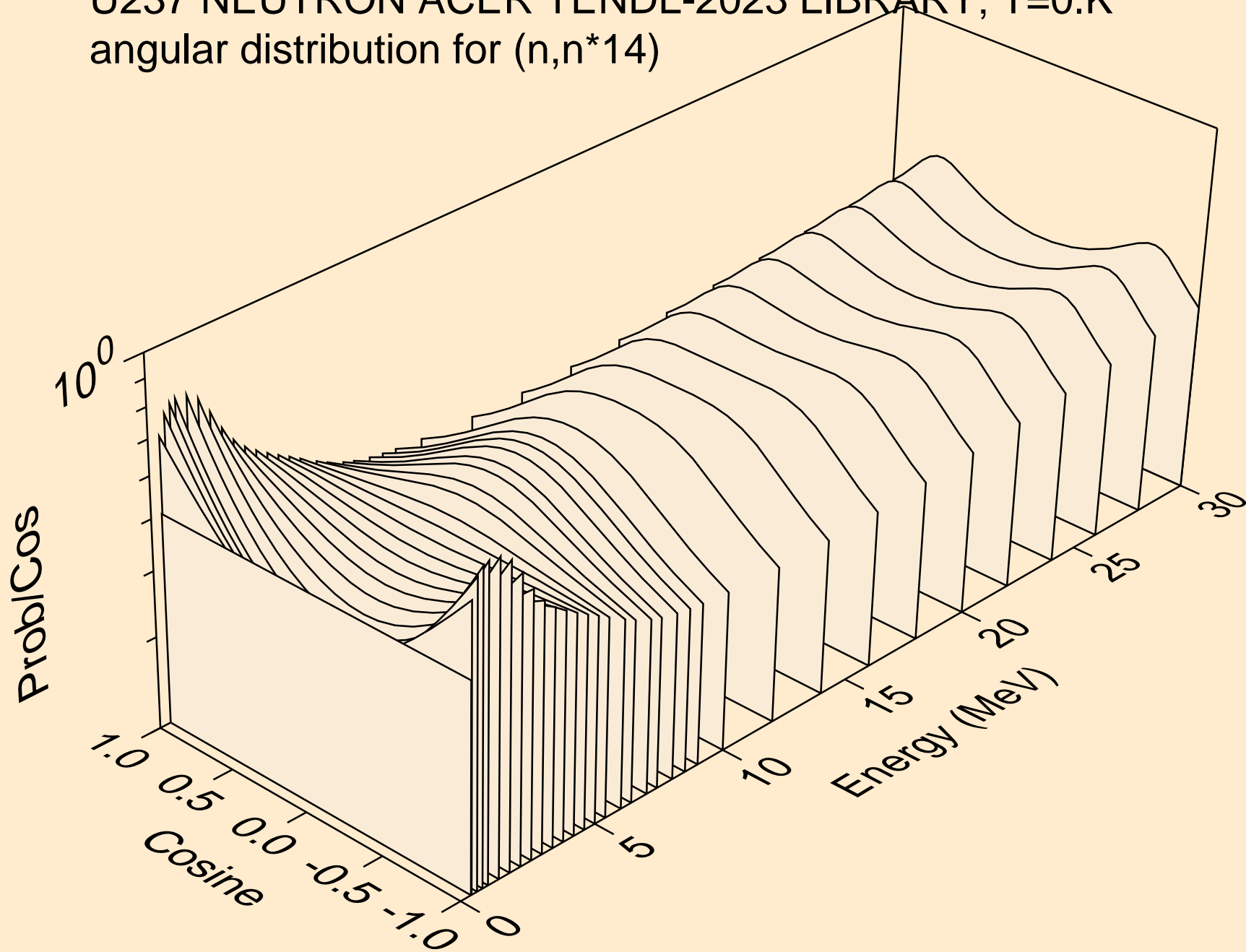


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angular distribution for (n,n\*13)

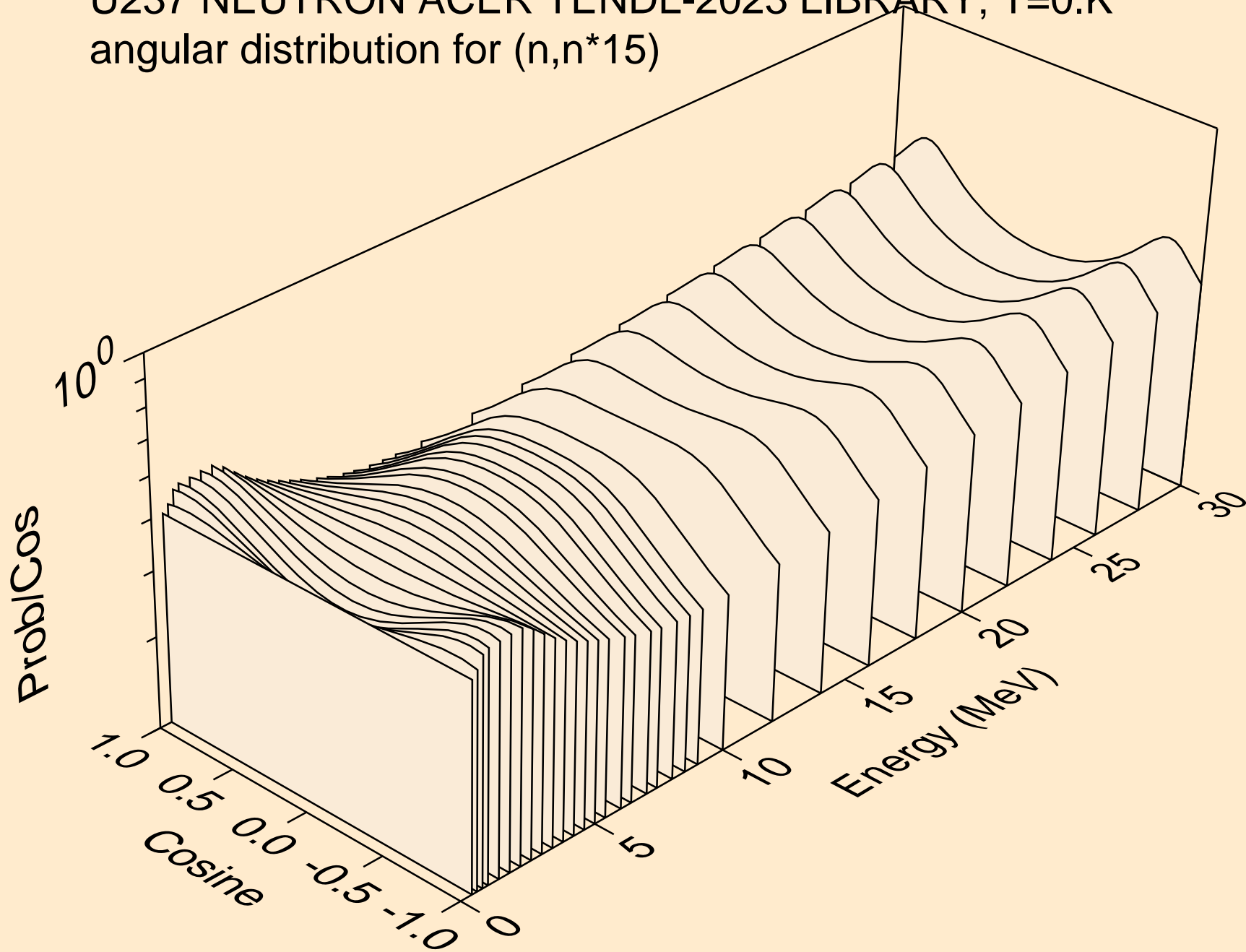




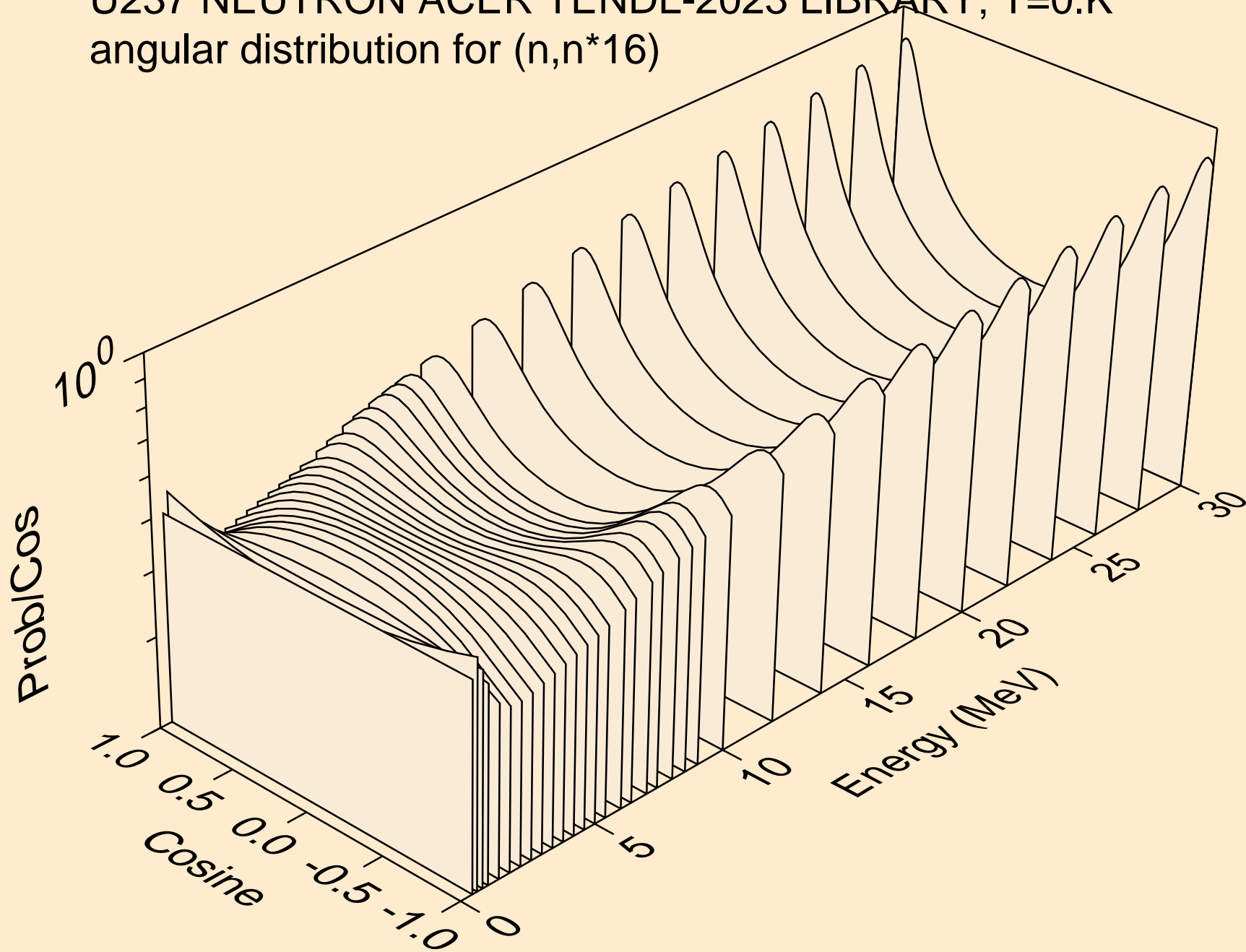
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angular distribution for (n,n\*14)



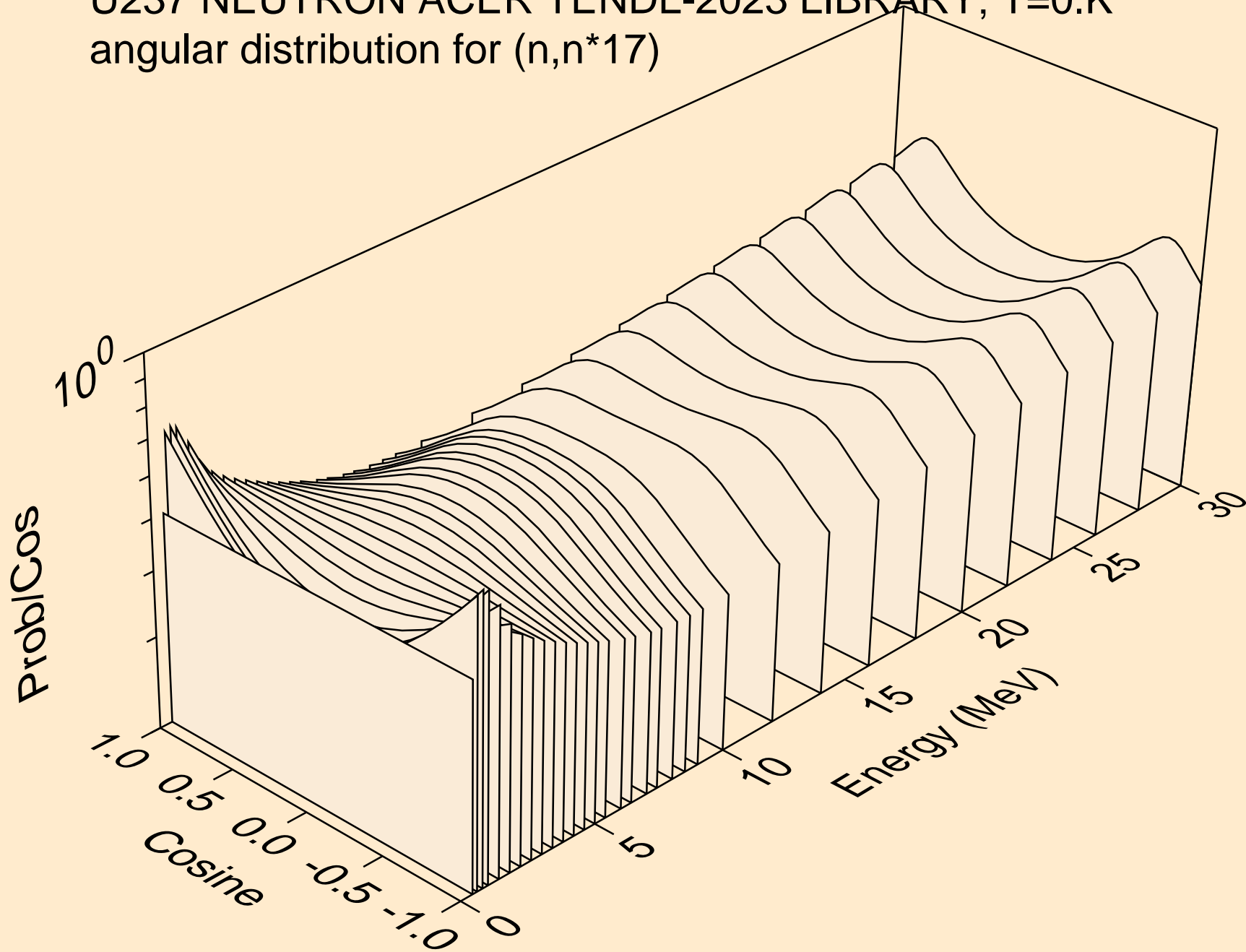
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angular distribution for (n,n\*15)



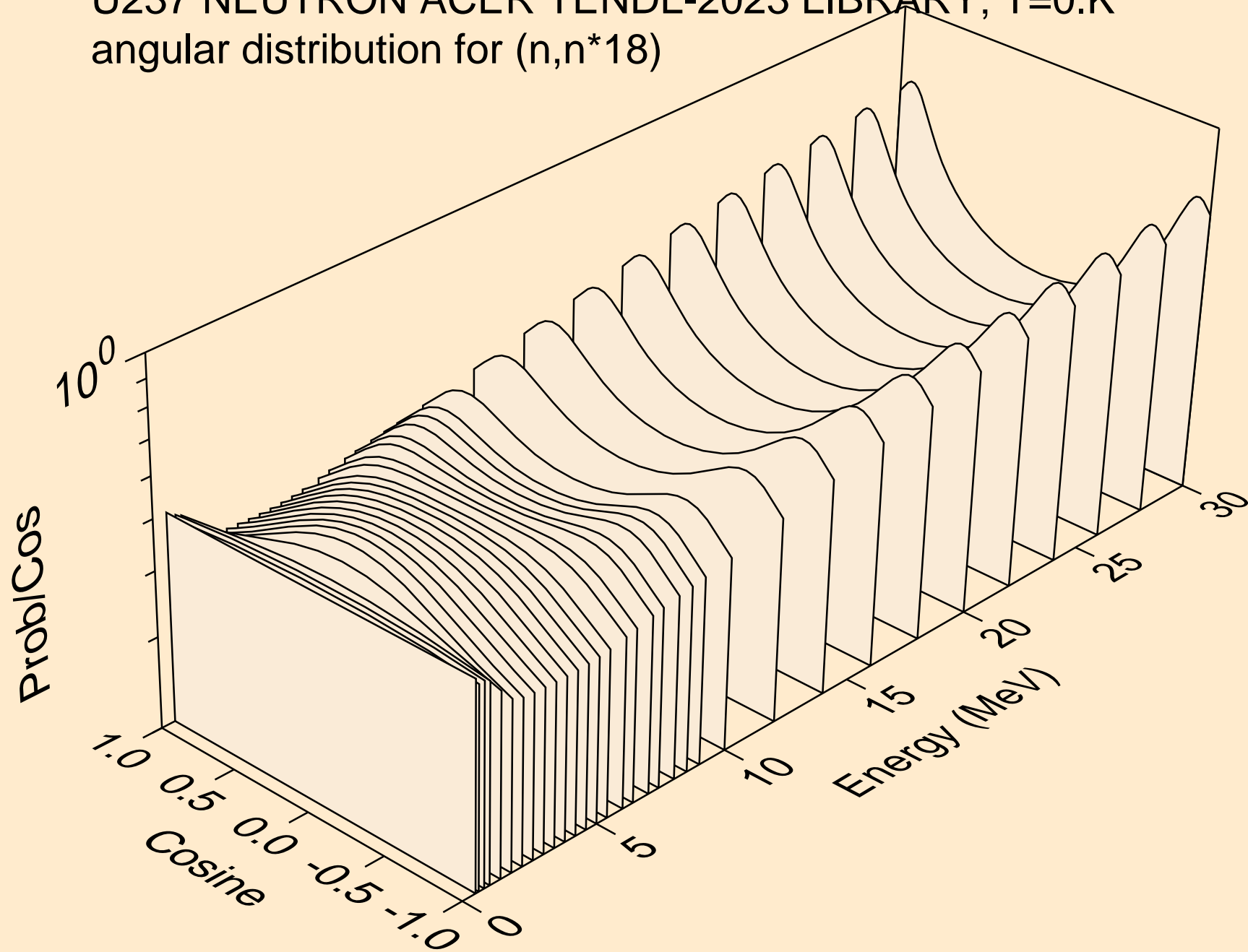
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angular distribution for (n,n\*16)



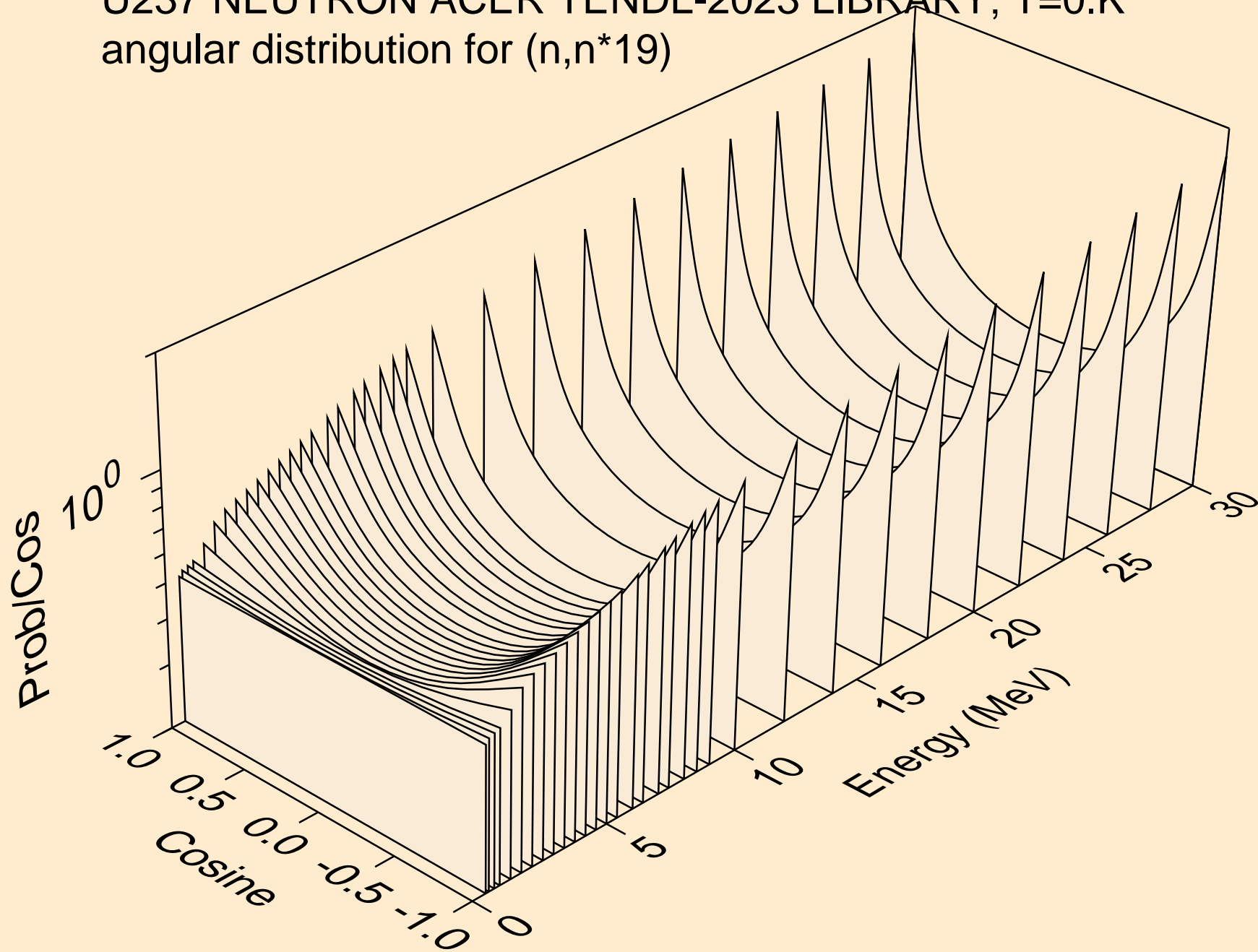
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angular distribution for (n,n\*17)



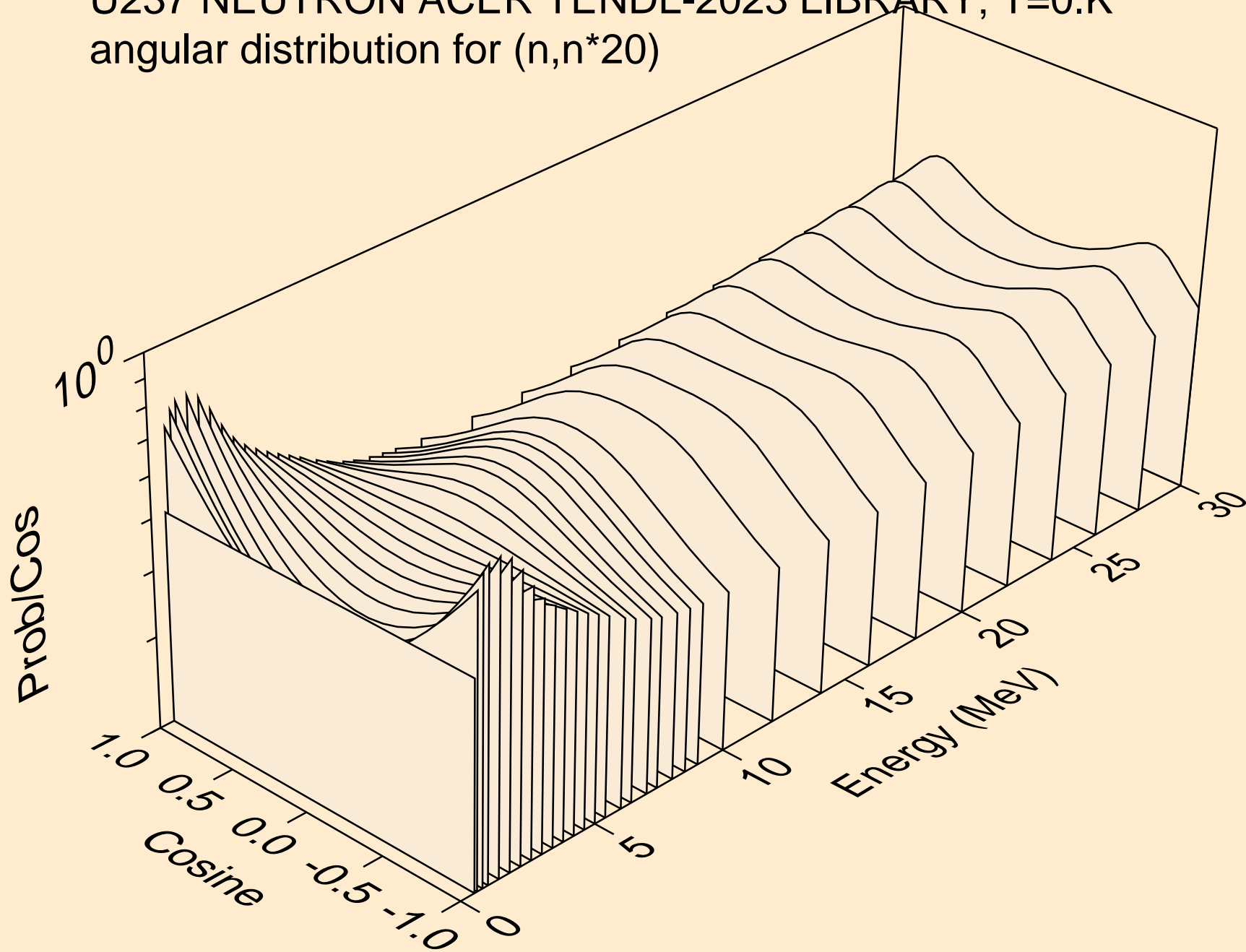
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angular distribution for (n,n\*18)



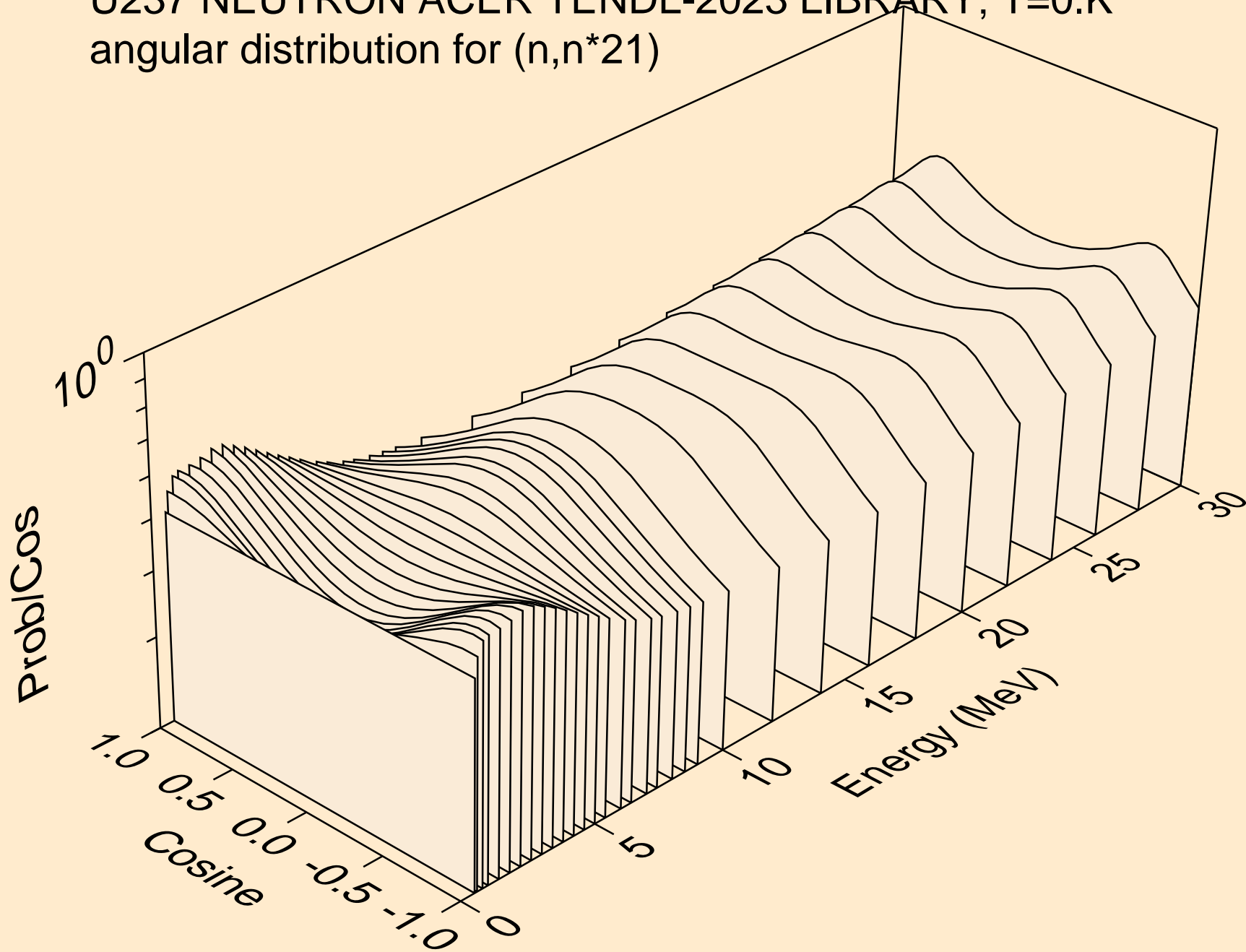
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angular distribution for (n,n\*19)



U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



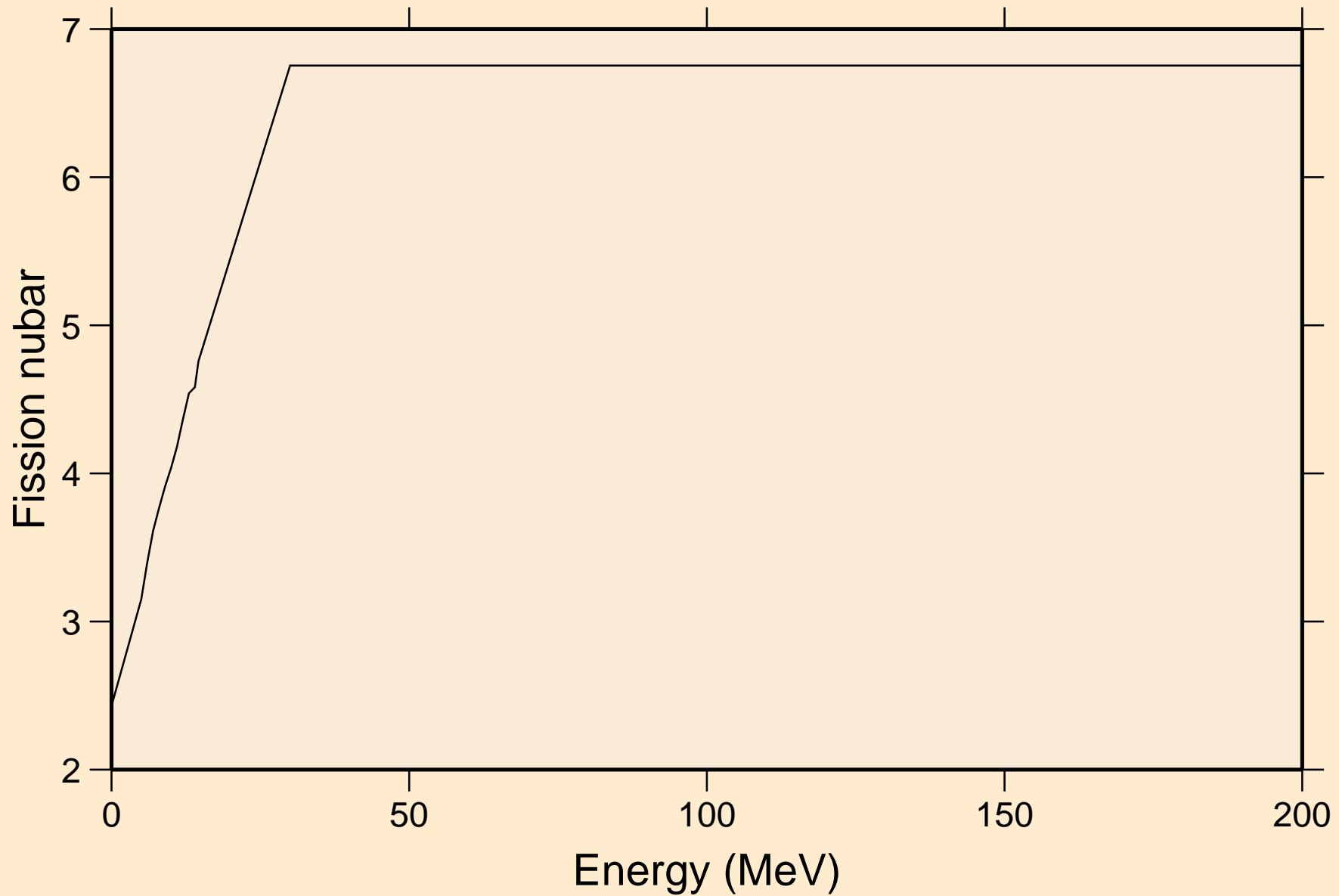
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angular distribution for (n,n\*21)



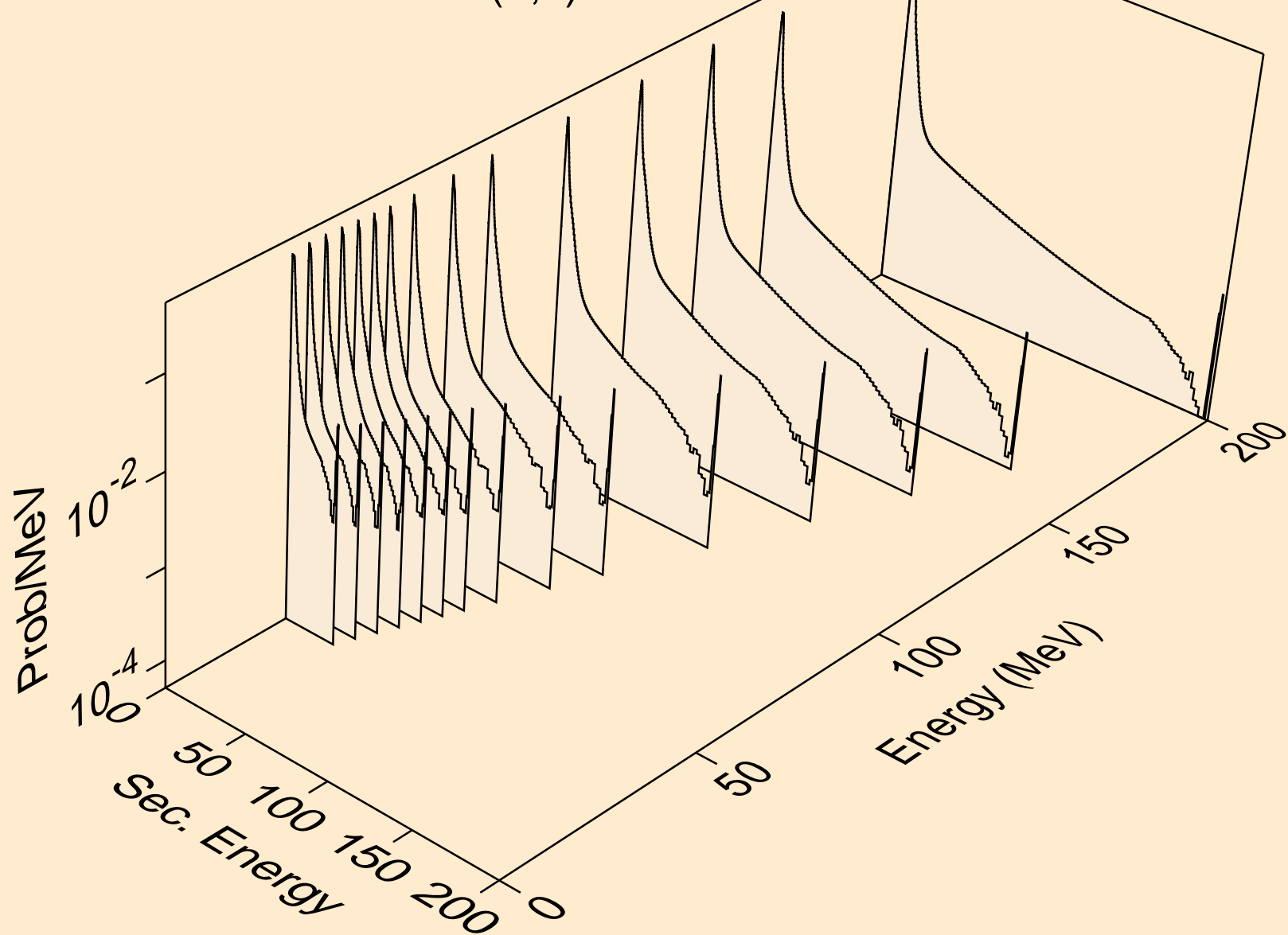


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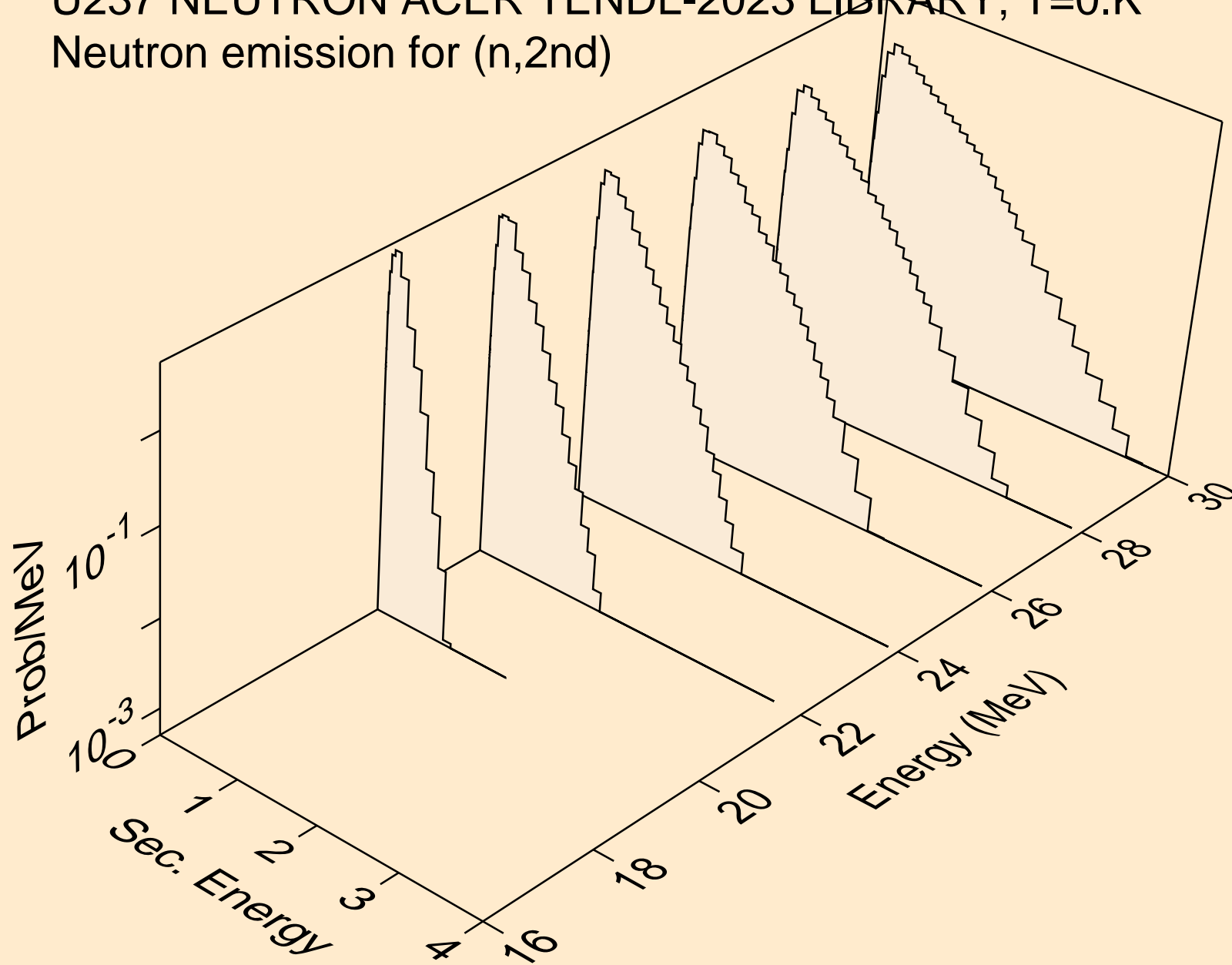
Total fission nubar



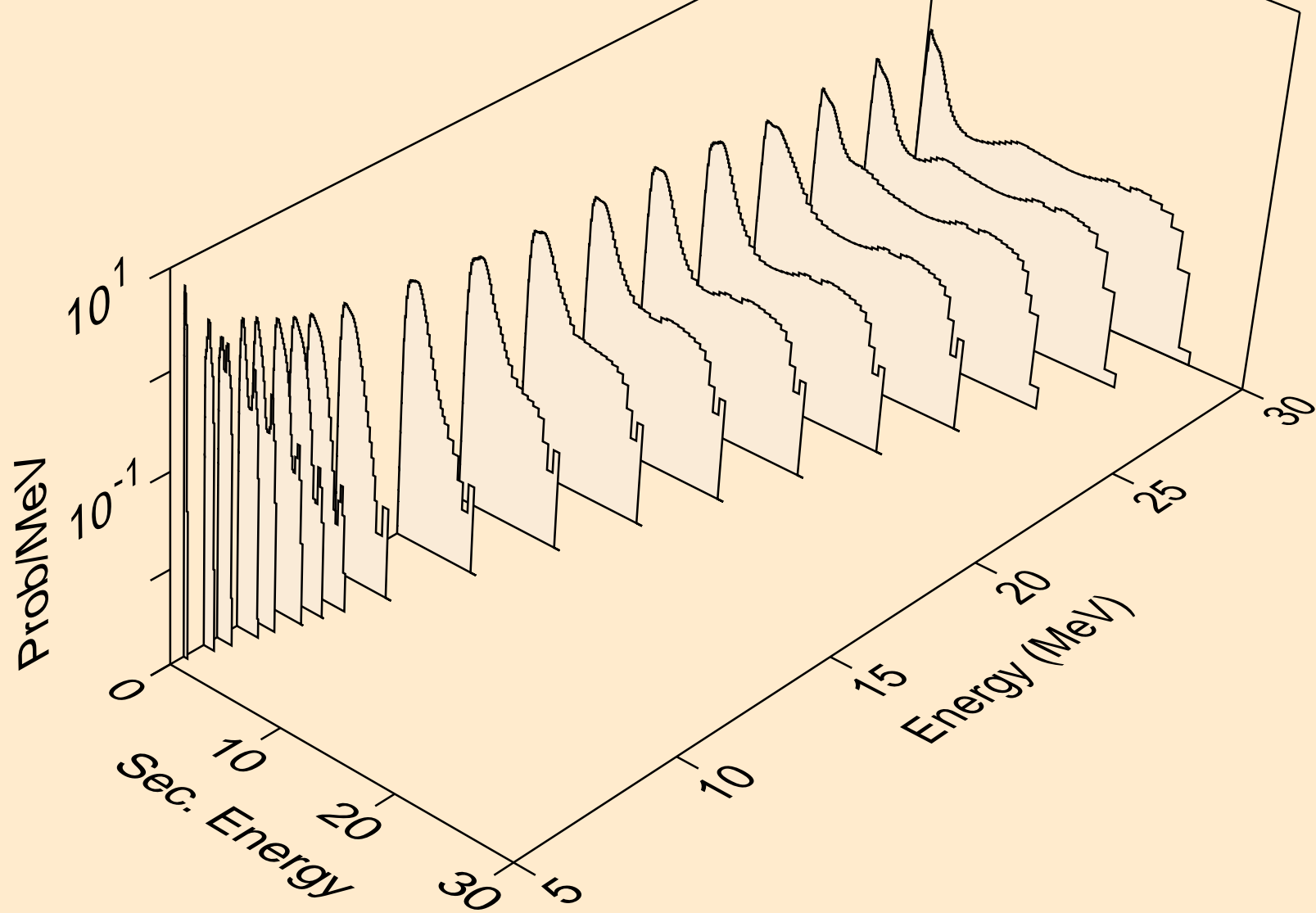
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Neutron emission for (n,x)



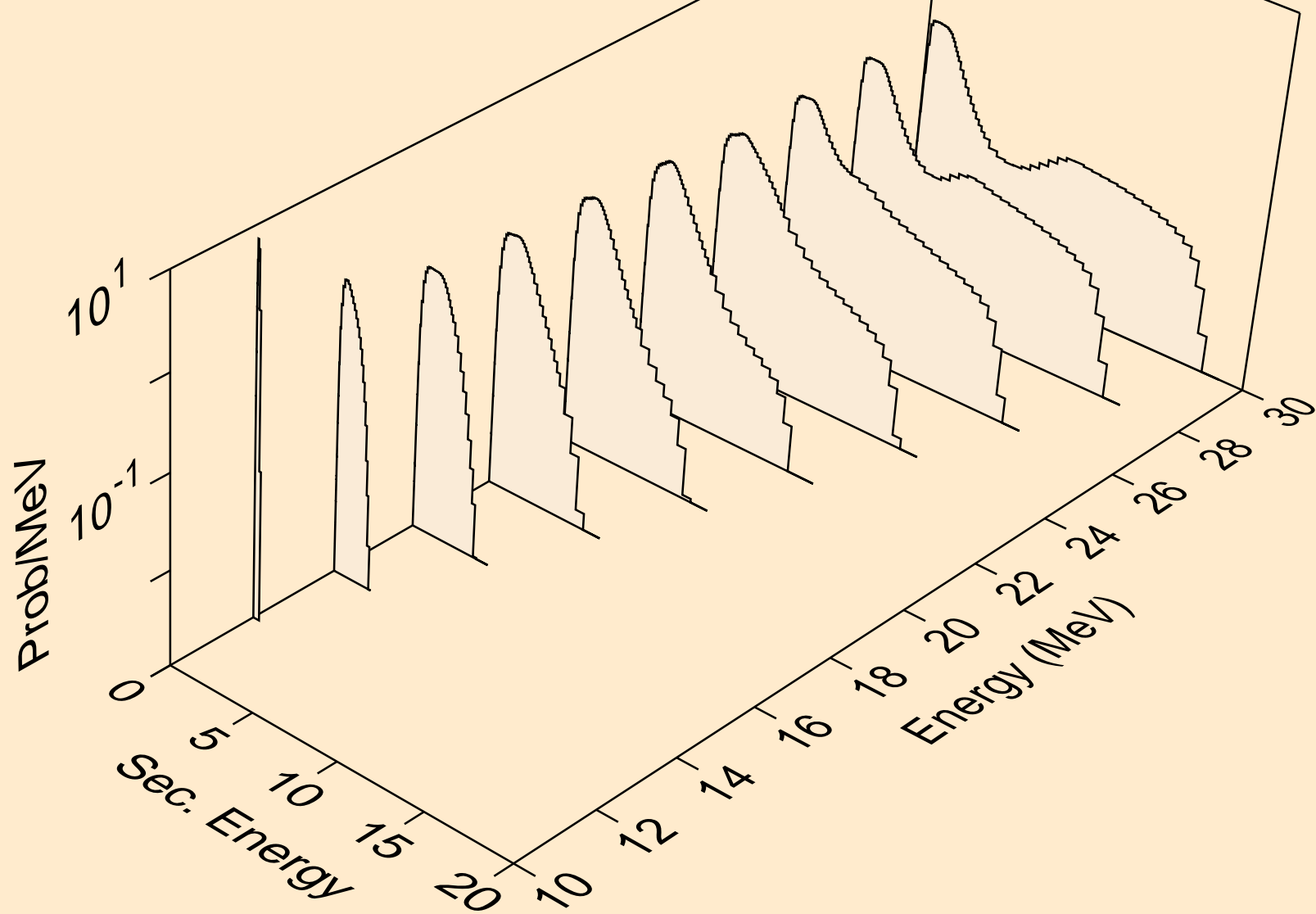
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Neutron emission for (n,2nd)



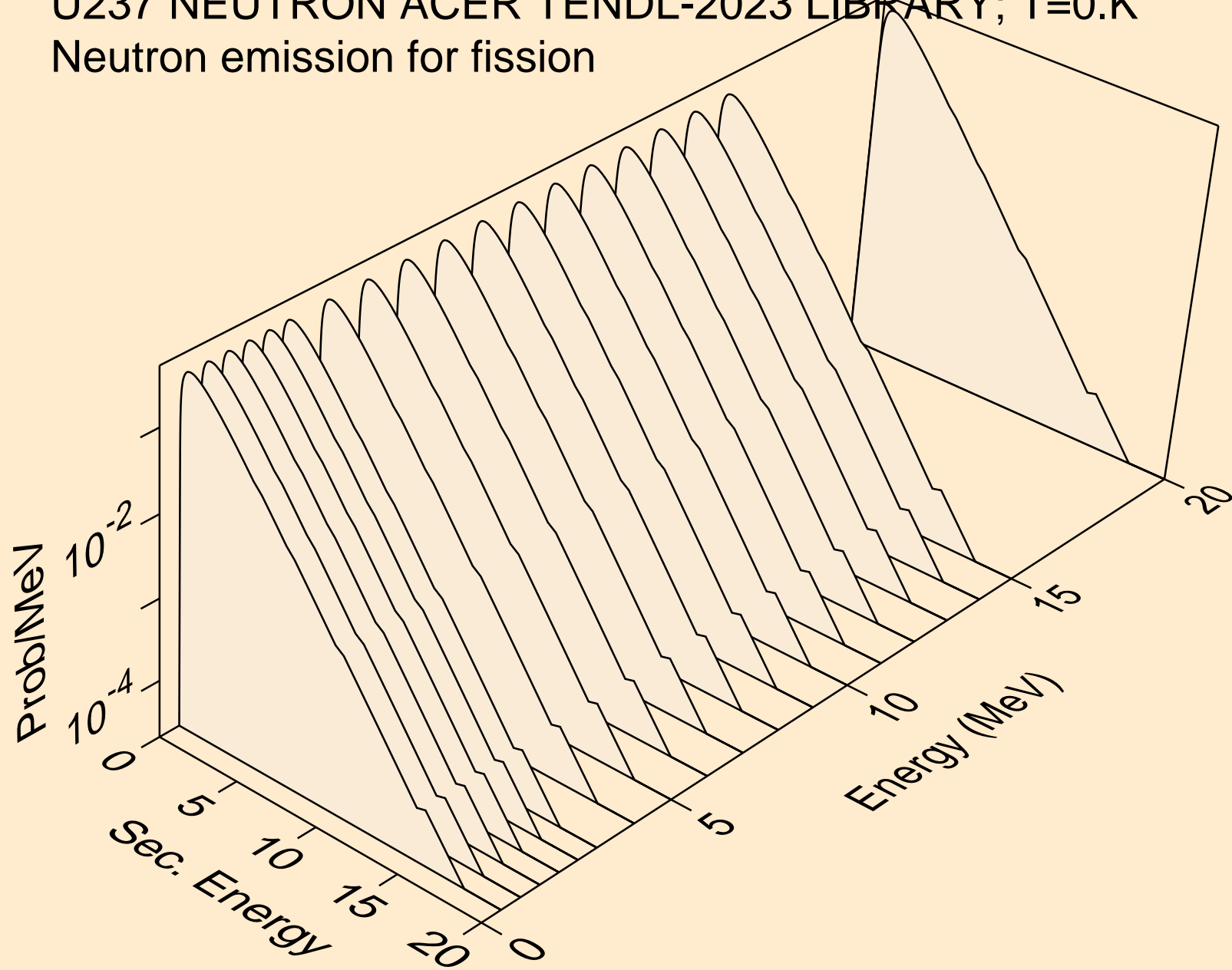
U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)



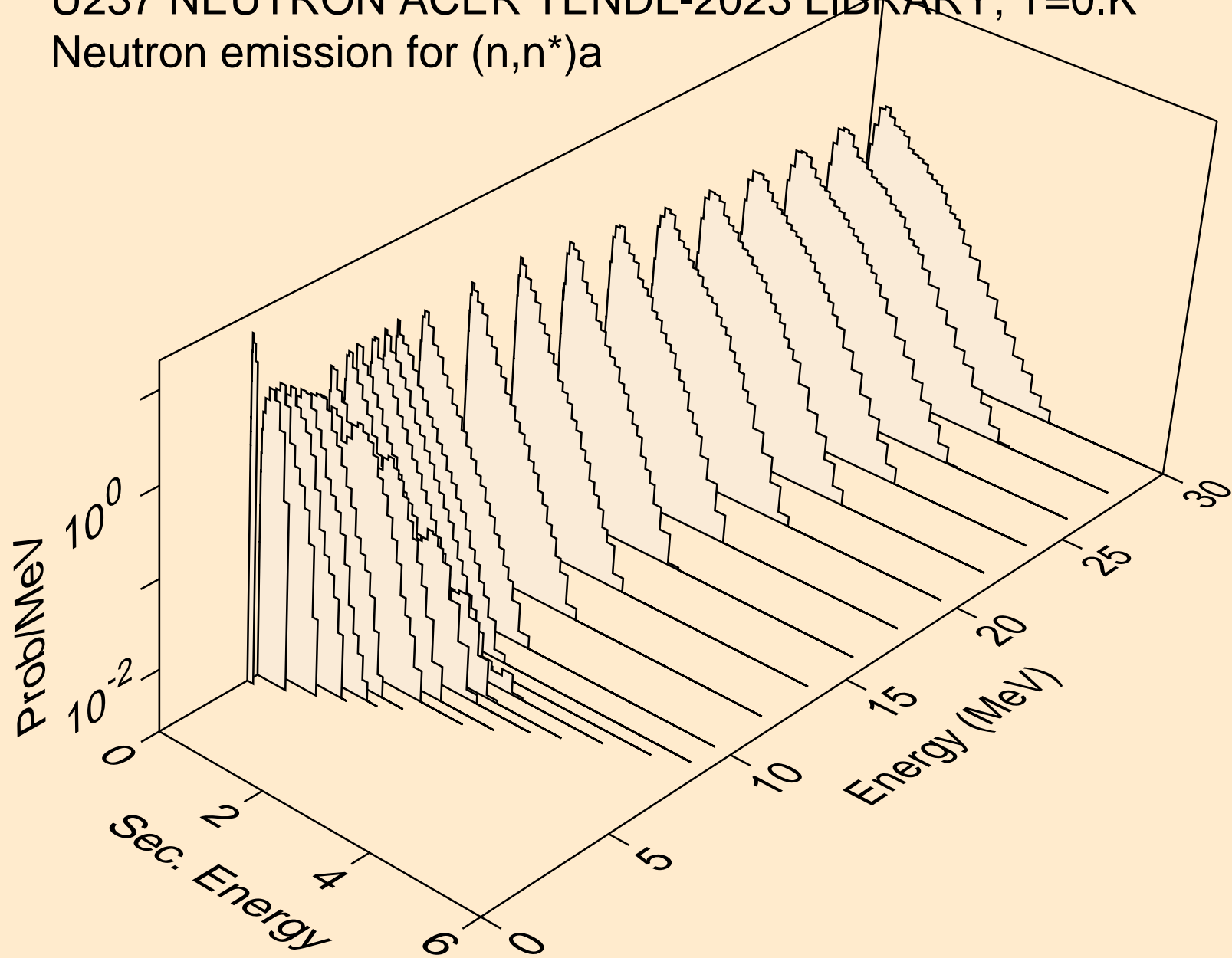
U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)



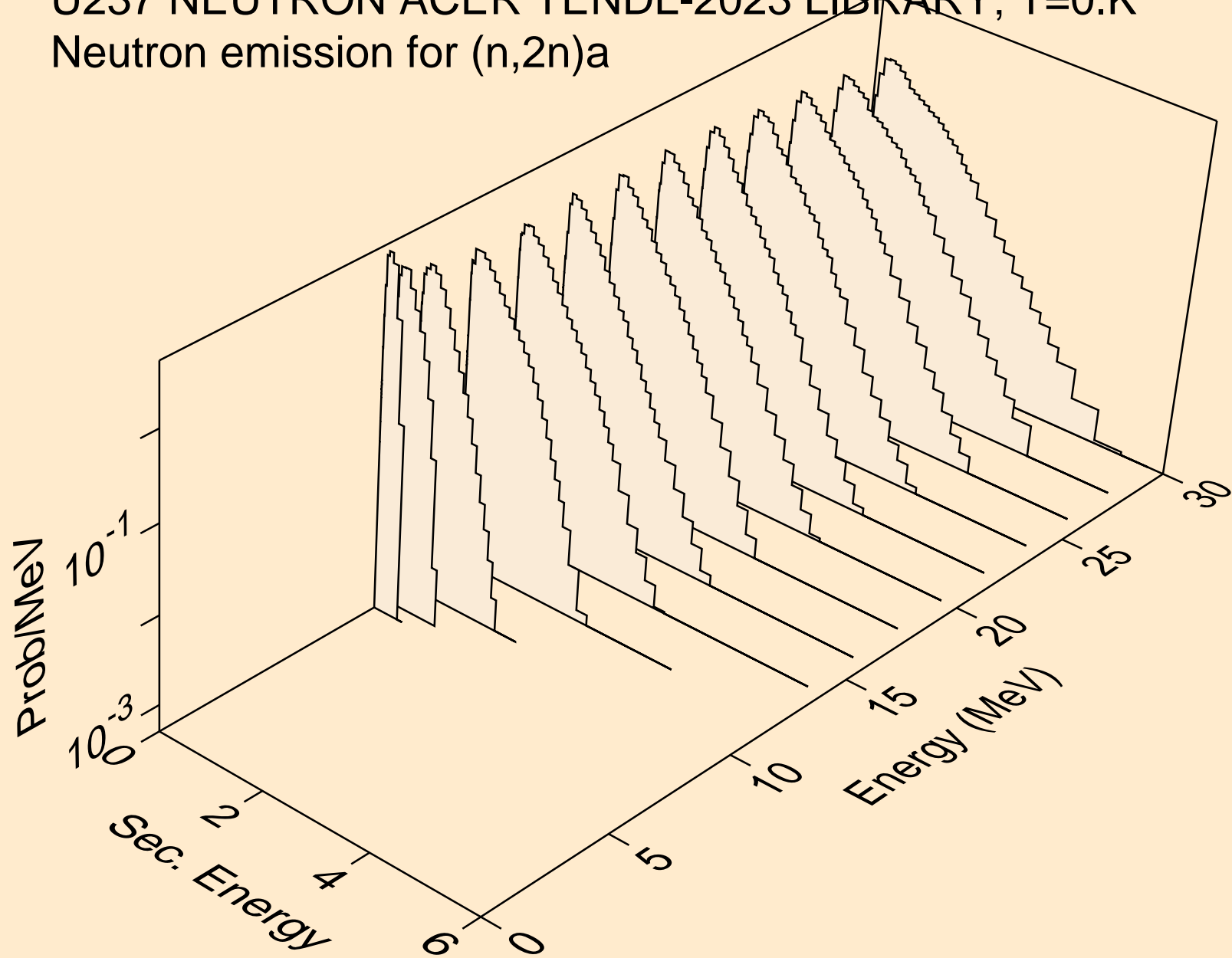
U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for fission



U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a

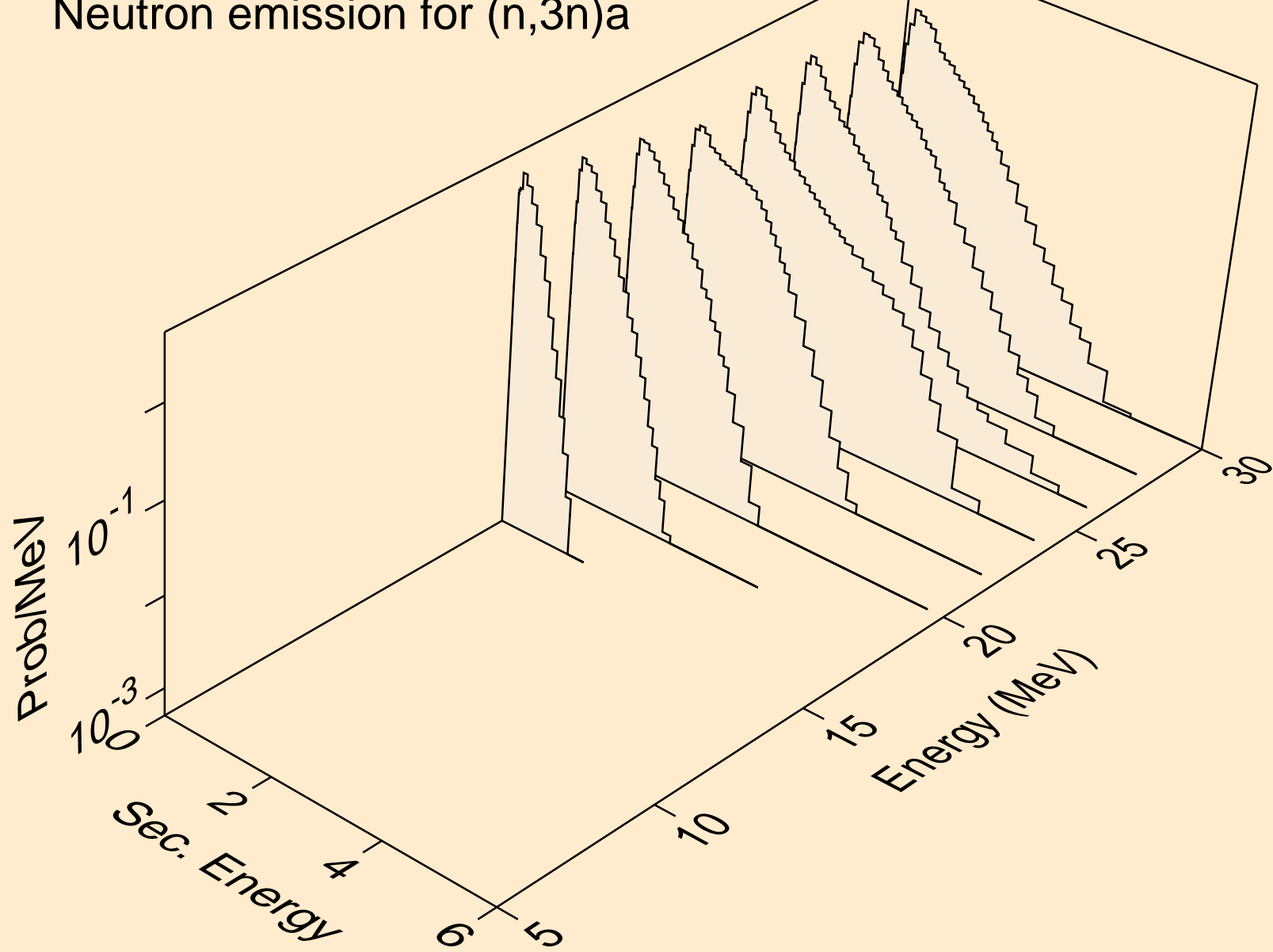


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Neutron emission for (n,2n)a

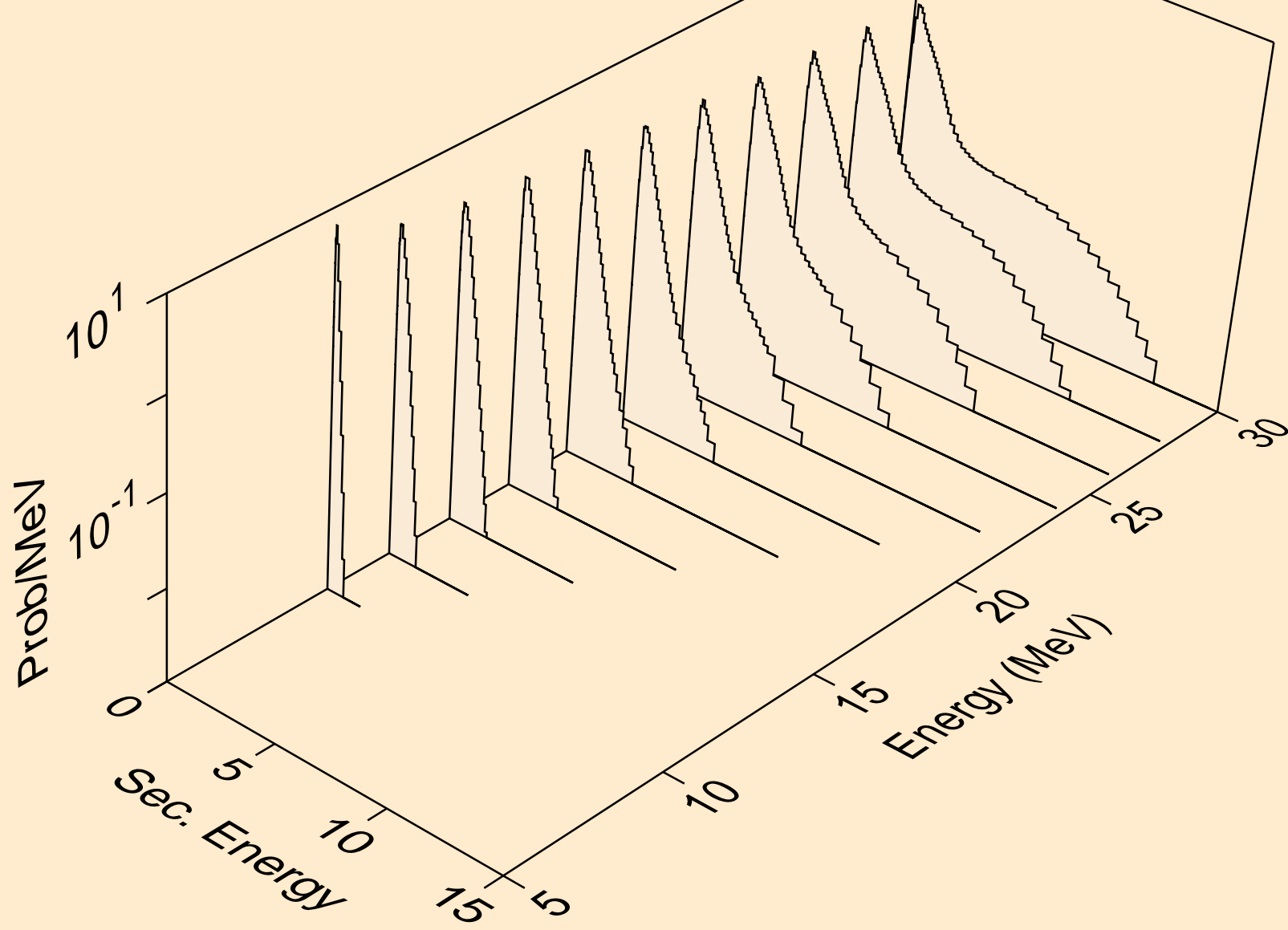




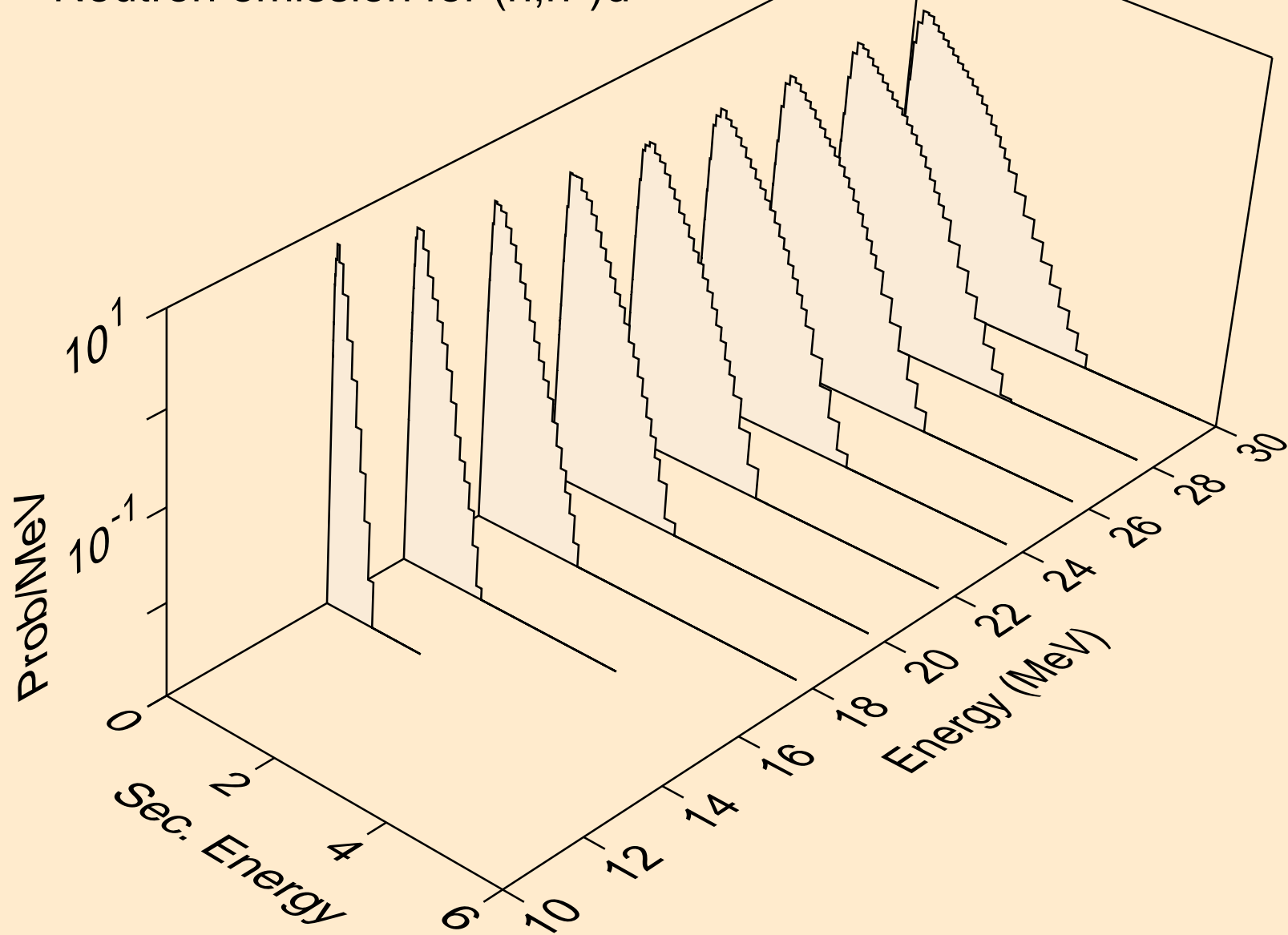
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Neutron emission for (n,3n)a



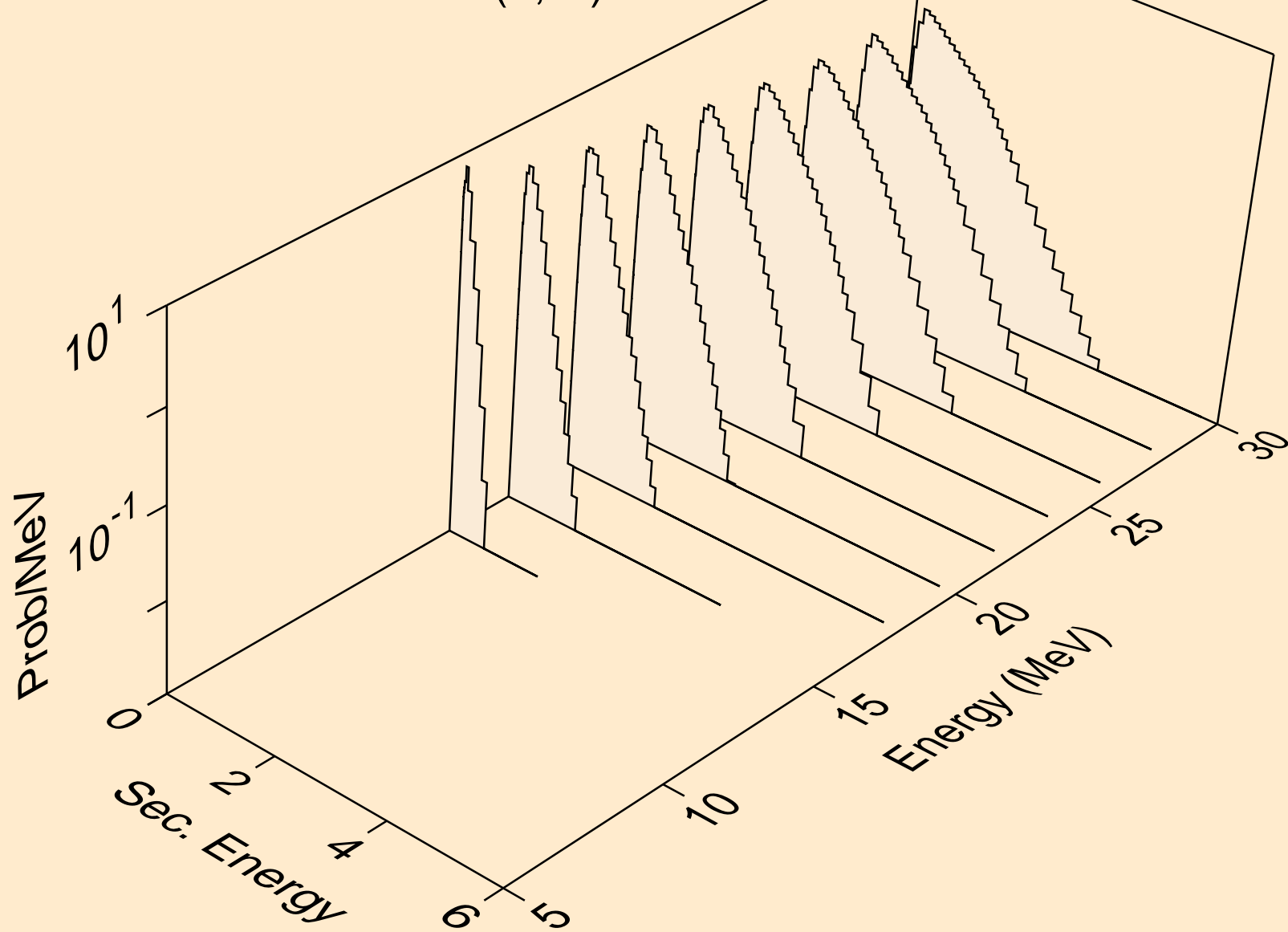
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Neutron emission for (n,n\*)p



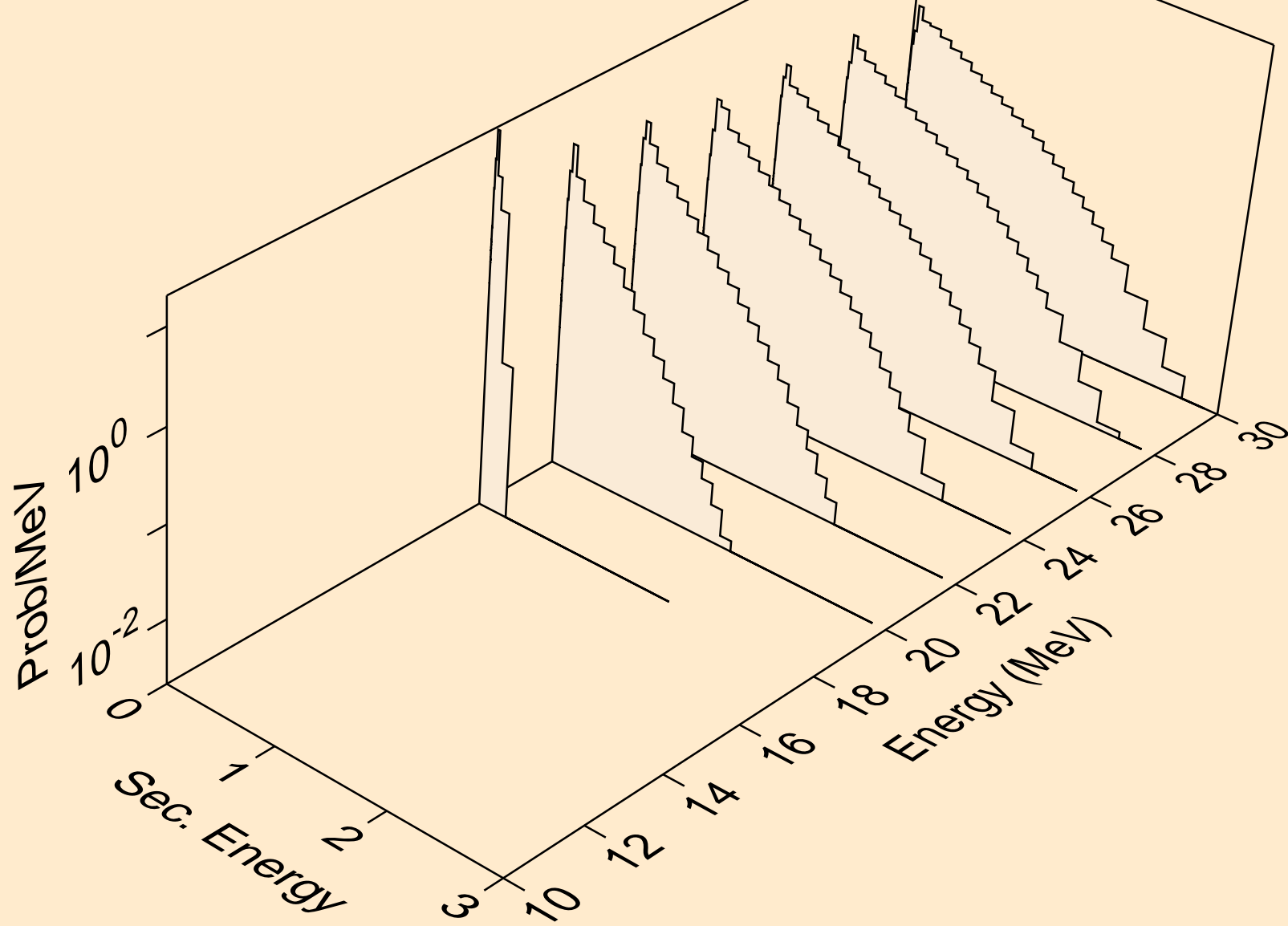
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Neutron emission for (n,n\*)d



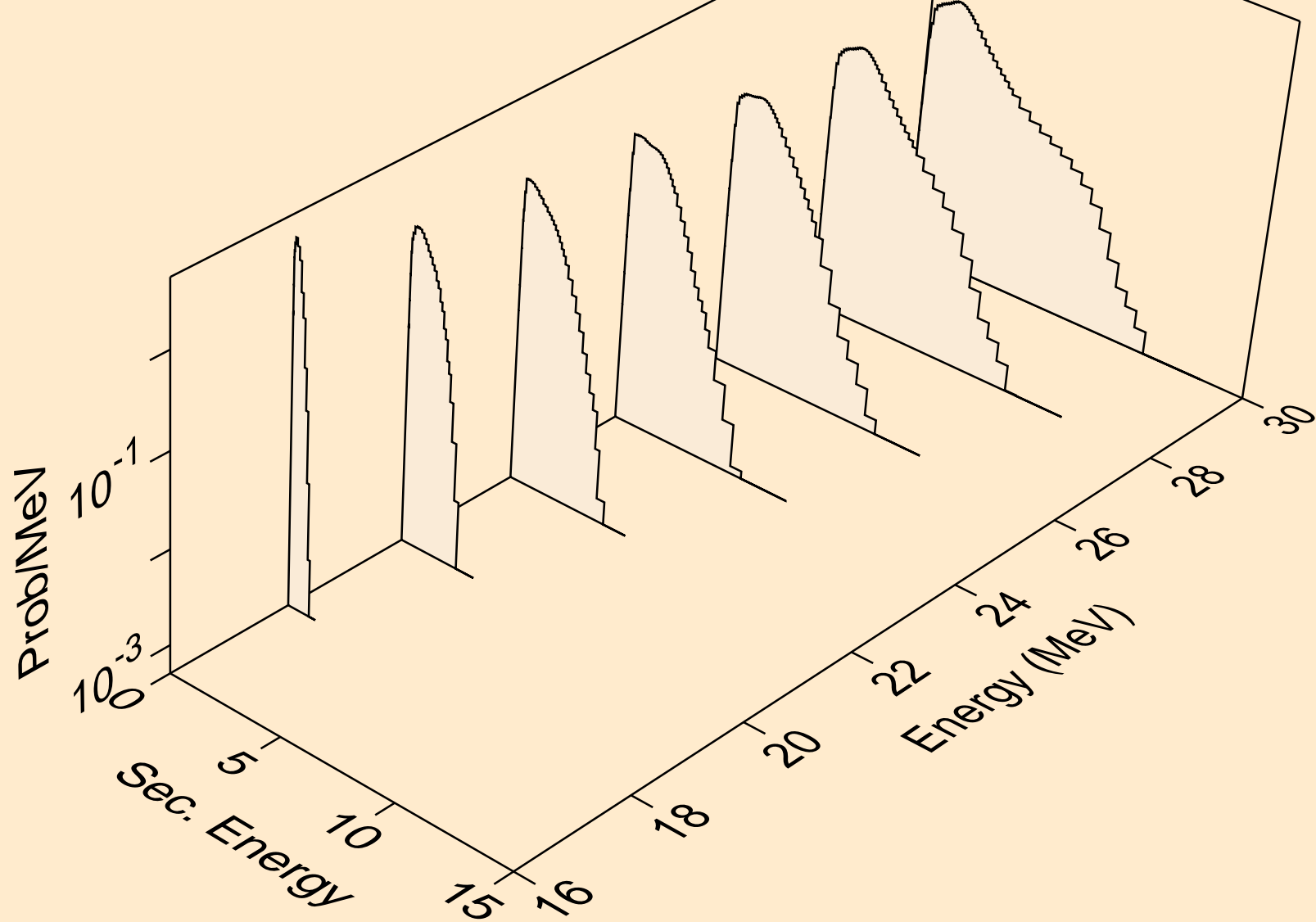
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Neutron emission for (n,n\*)t



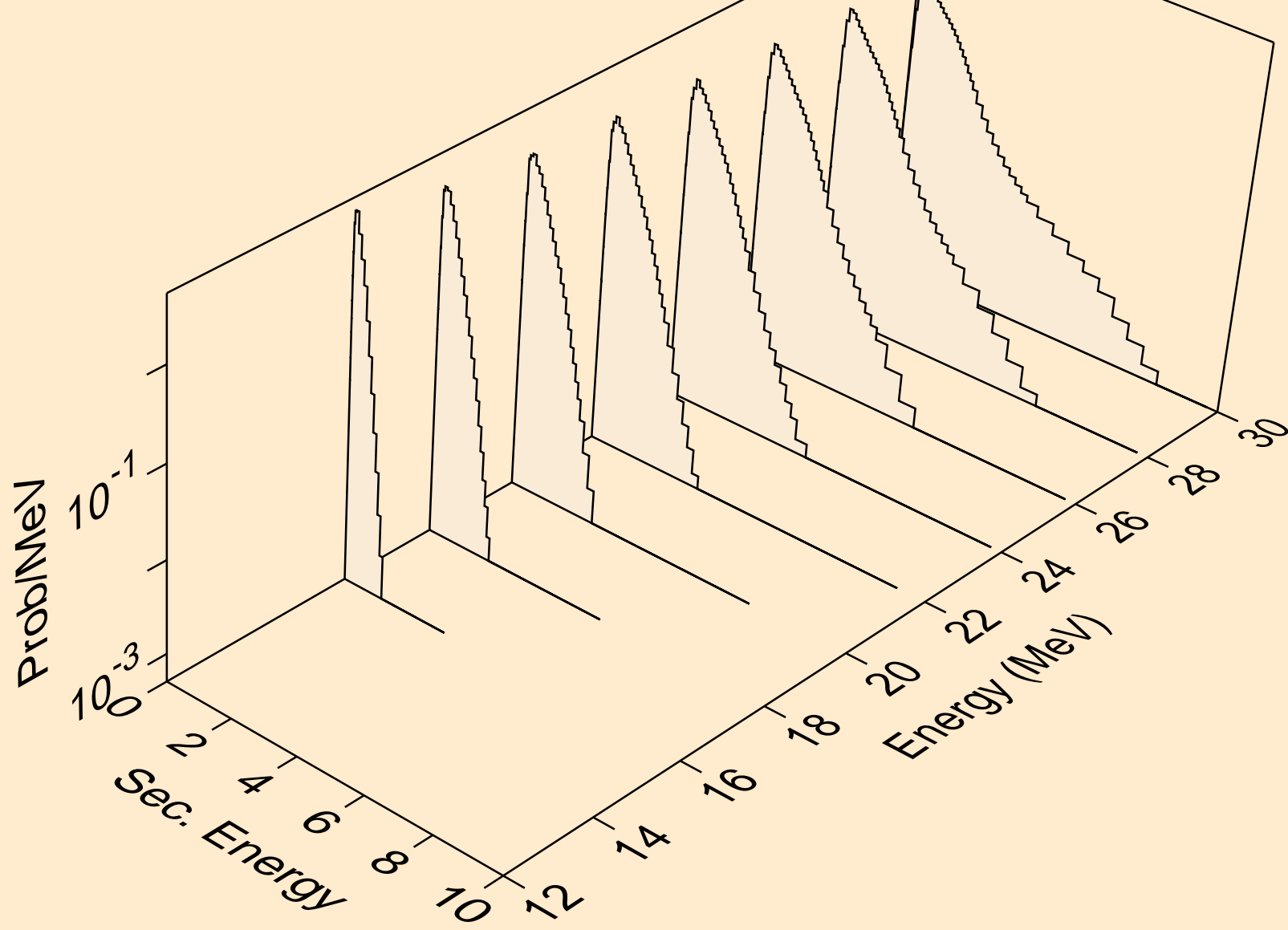
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Neutron emission for (n,n\*)he3



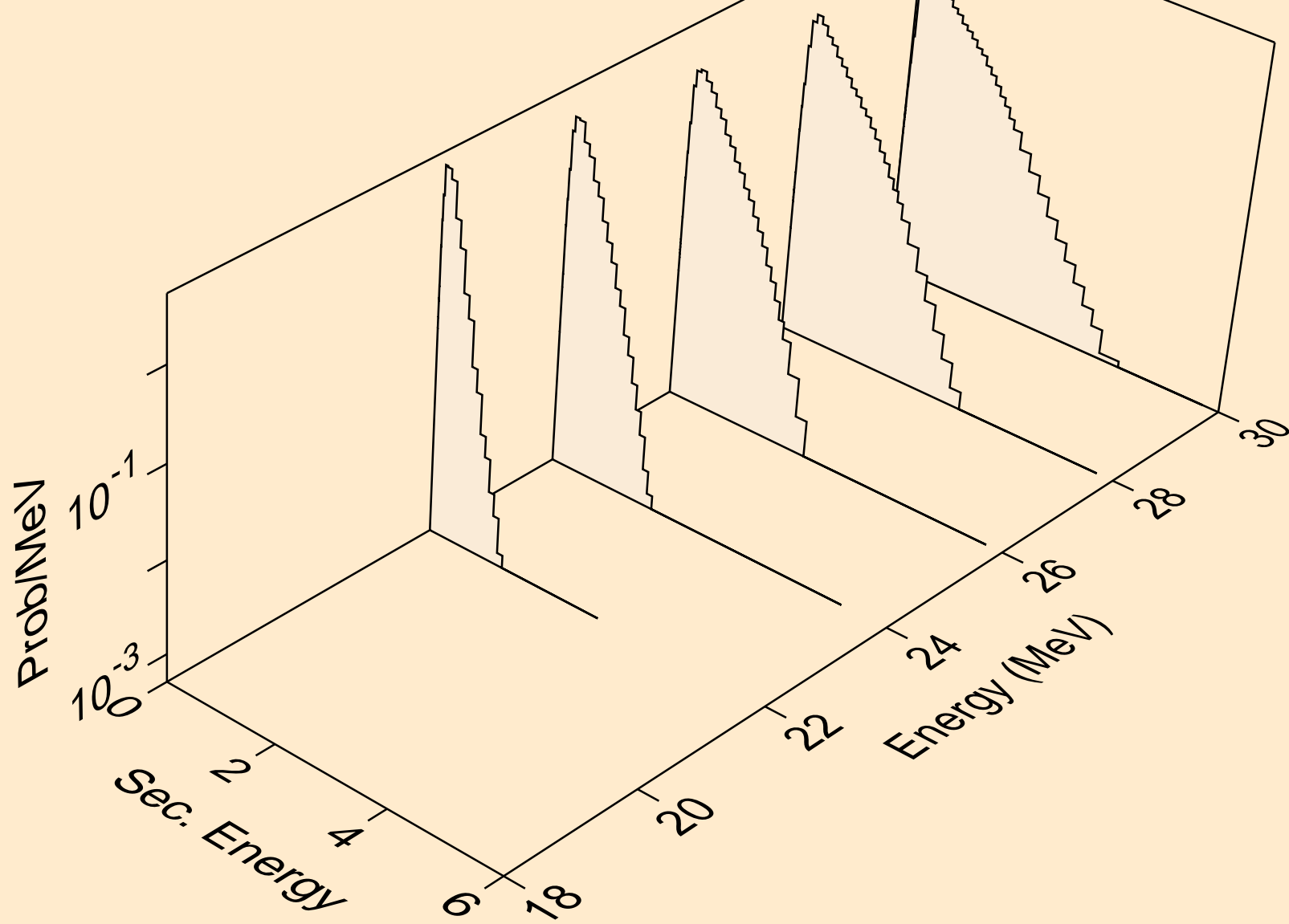
U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)



U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)

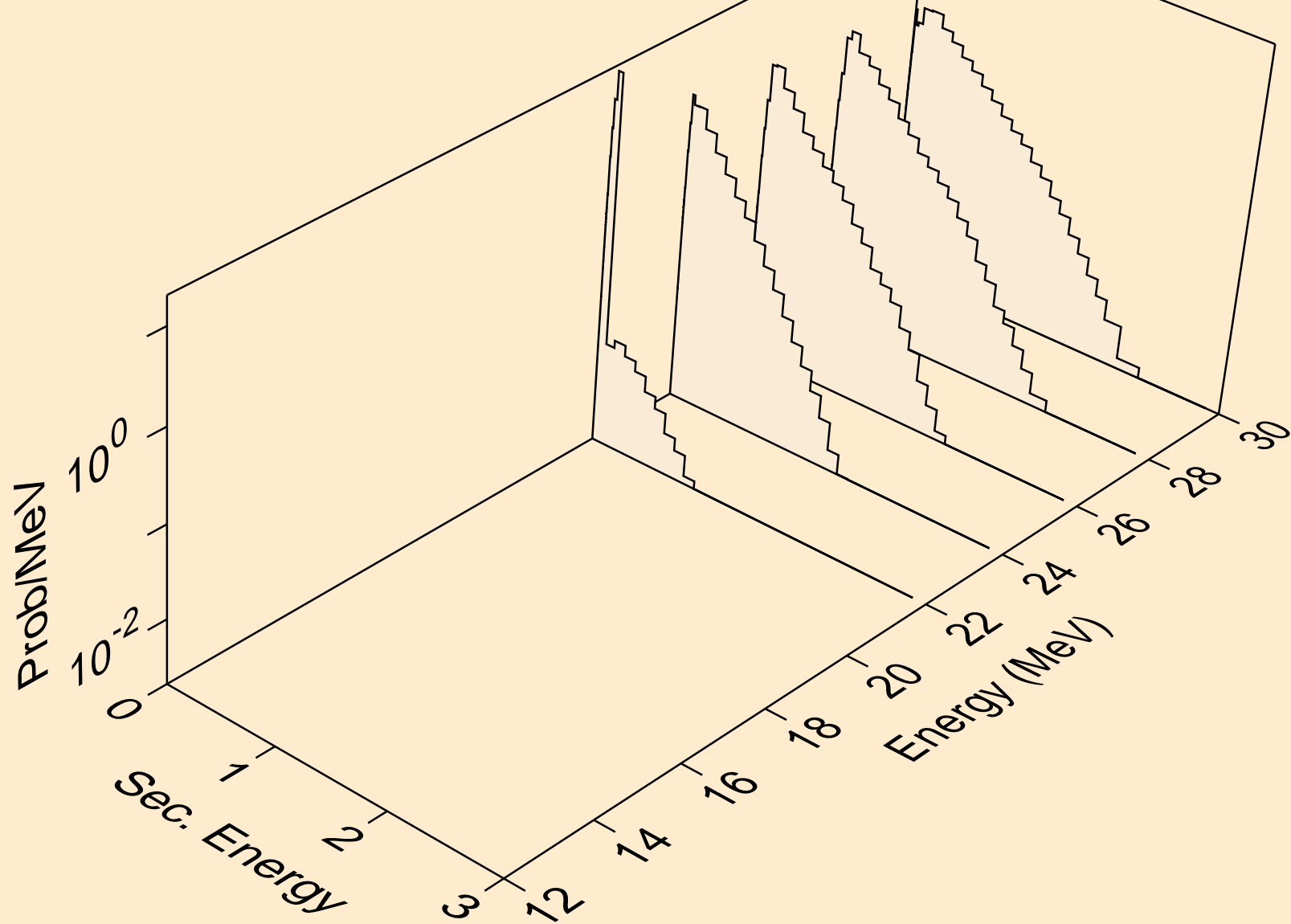


U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3np)

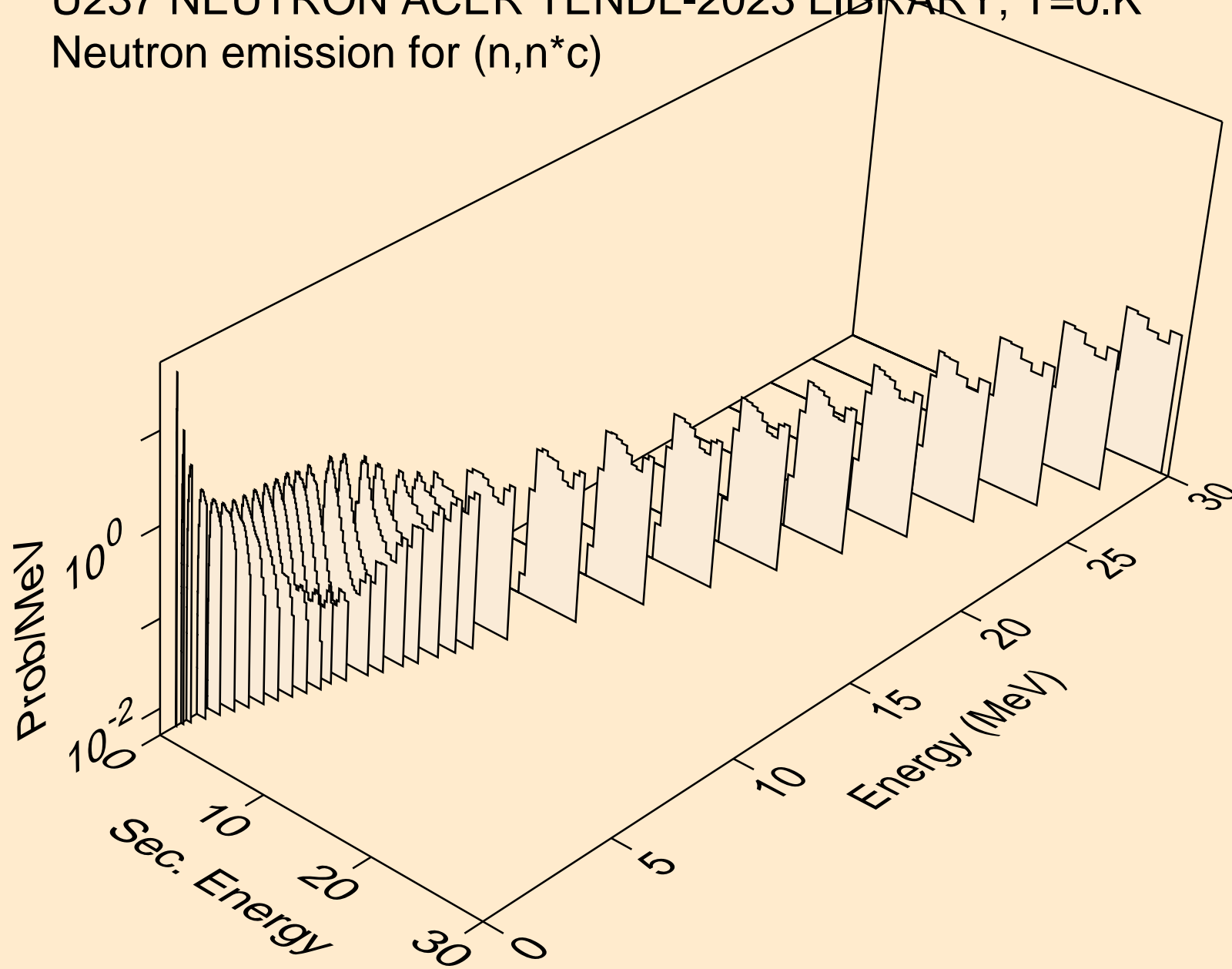




U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)

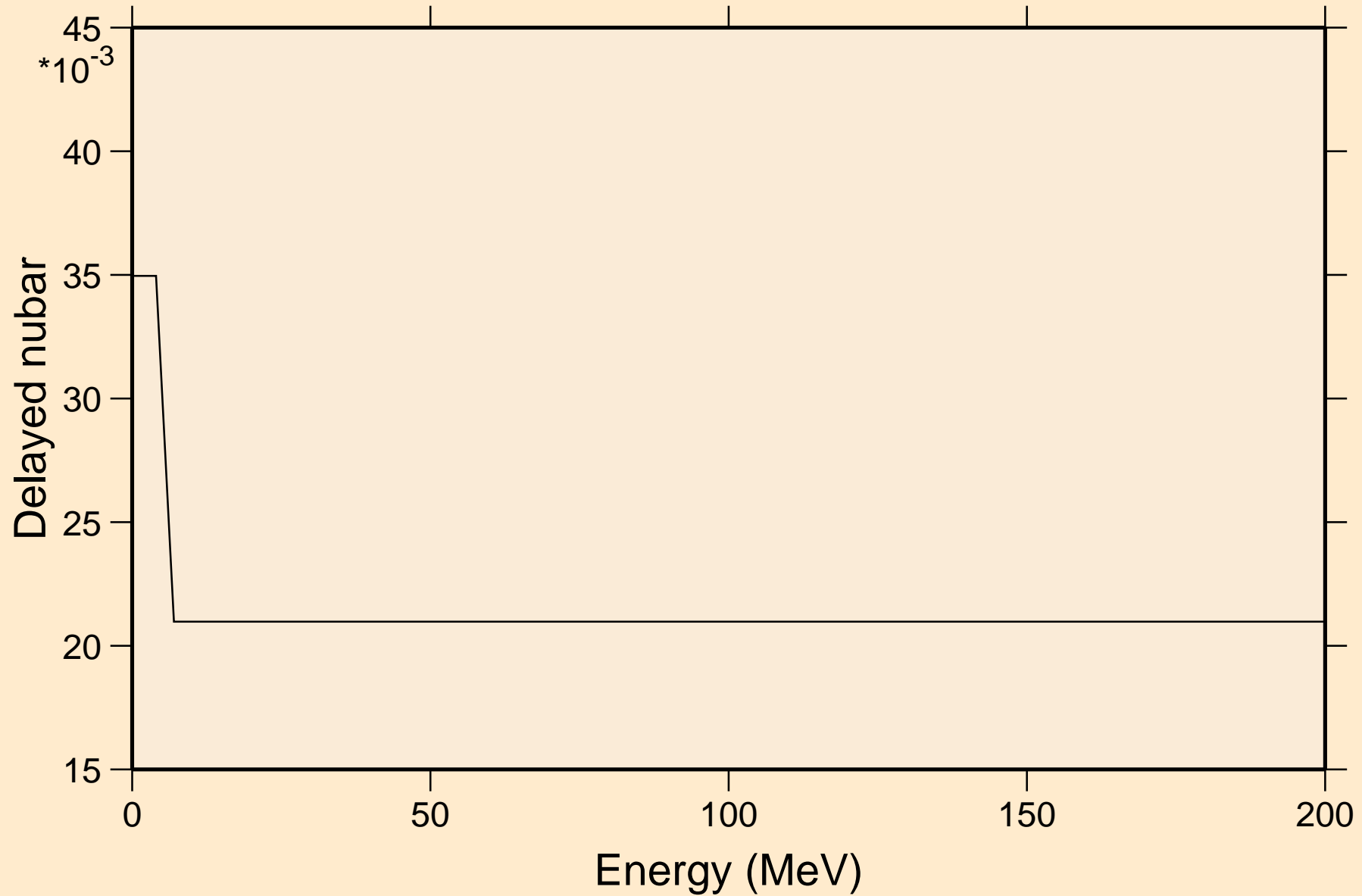


U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



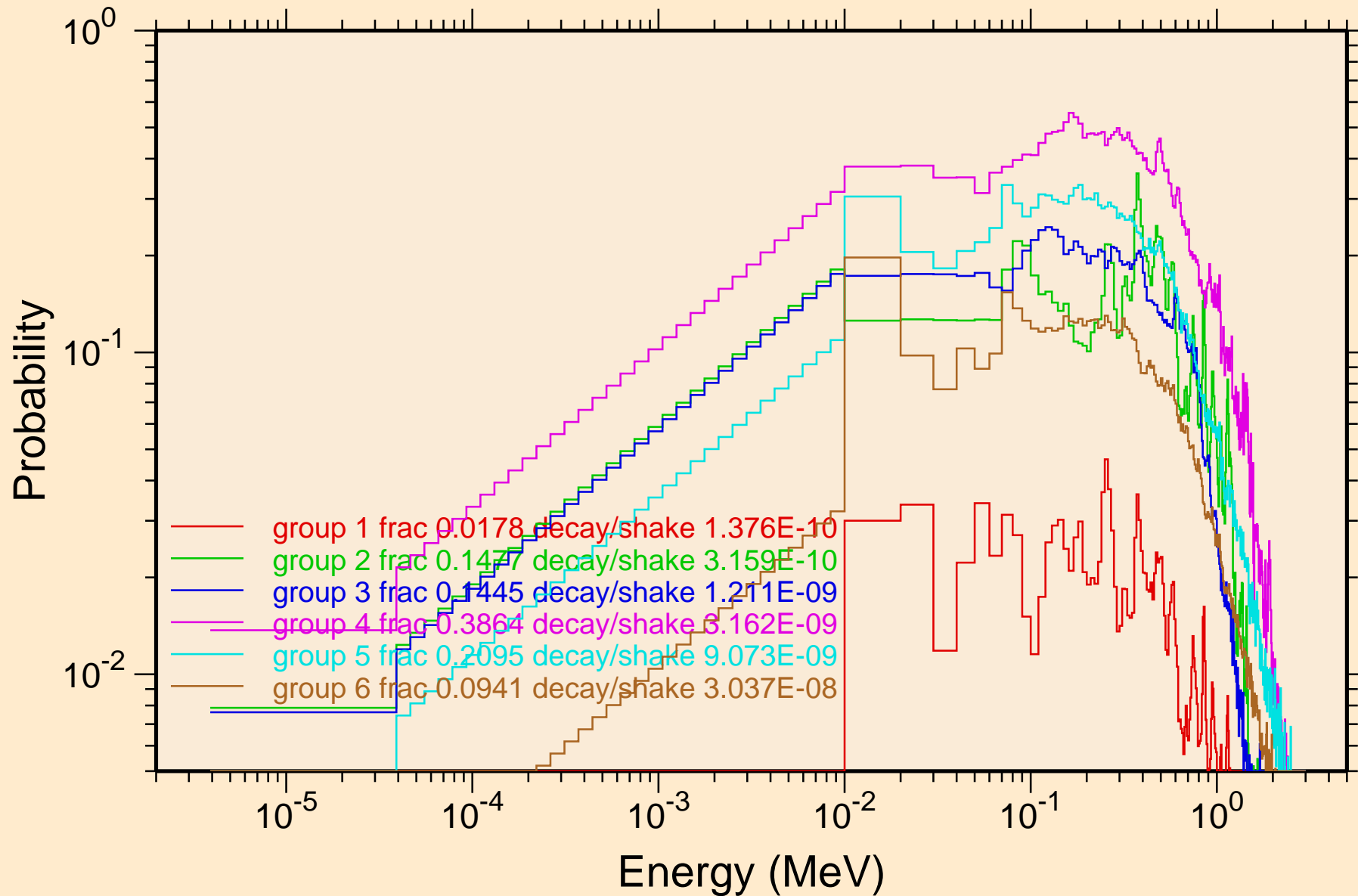
# U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Delayed nubar

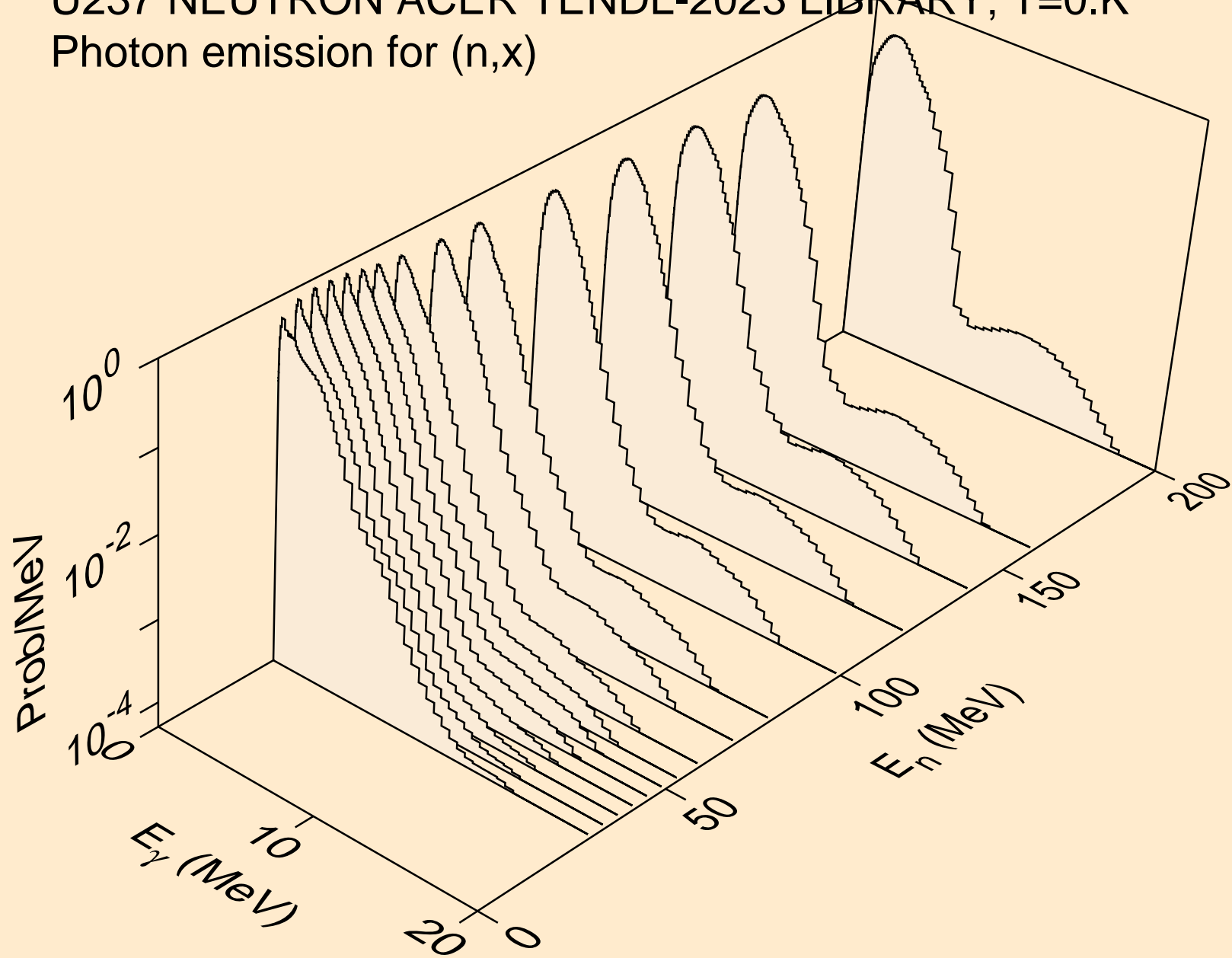


# U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

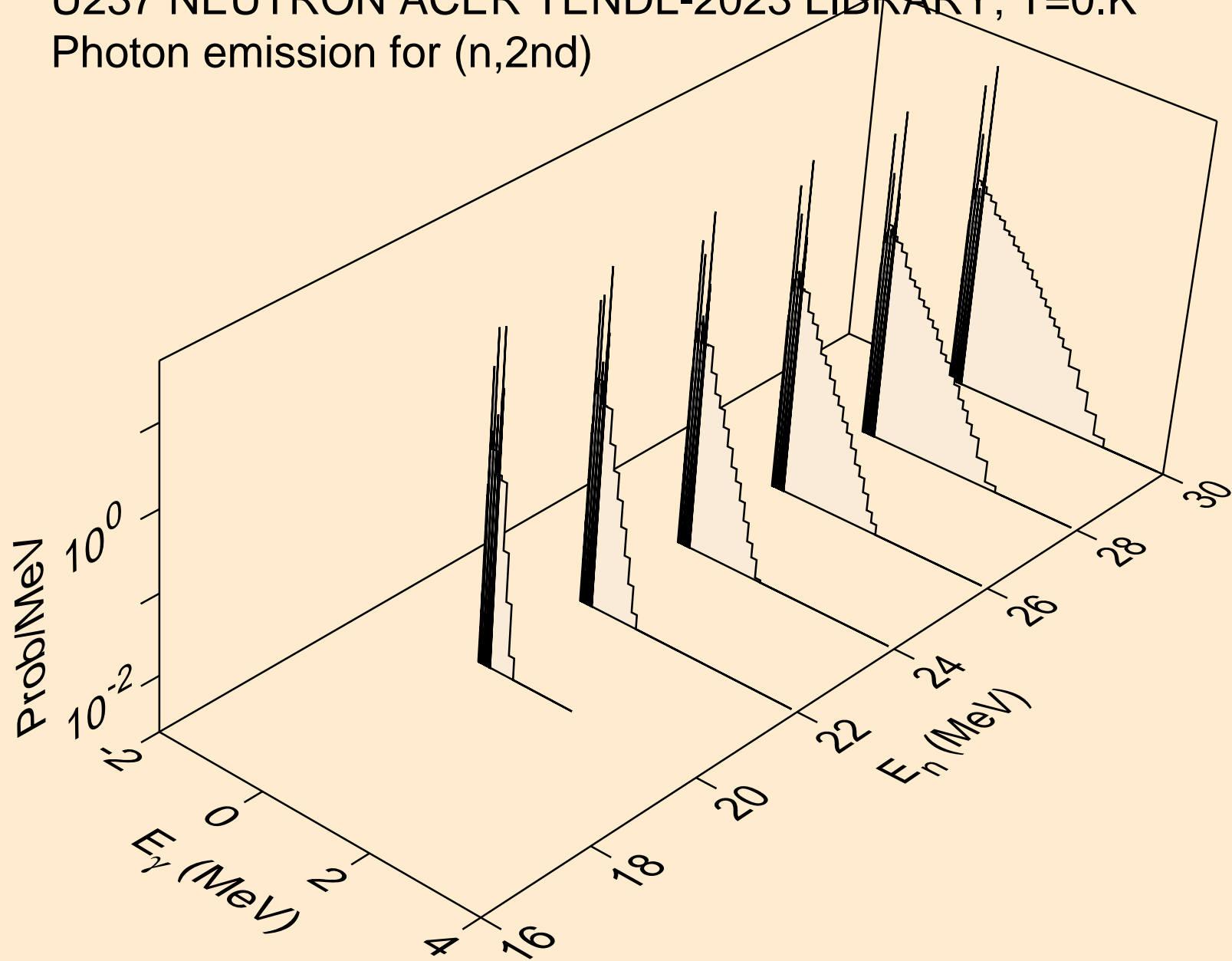
## Delayed neutron spectra



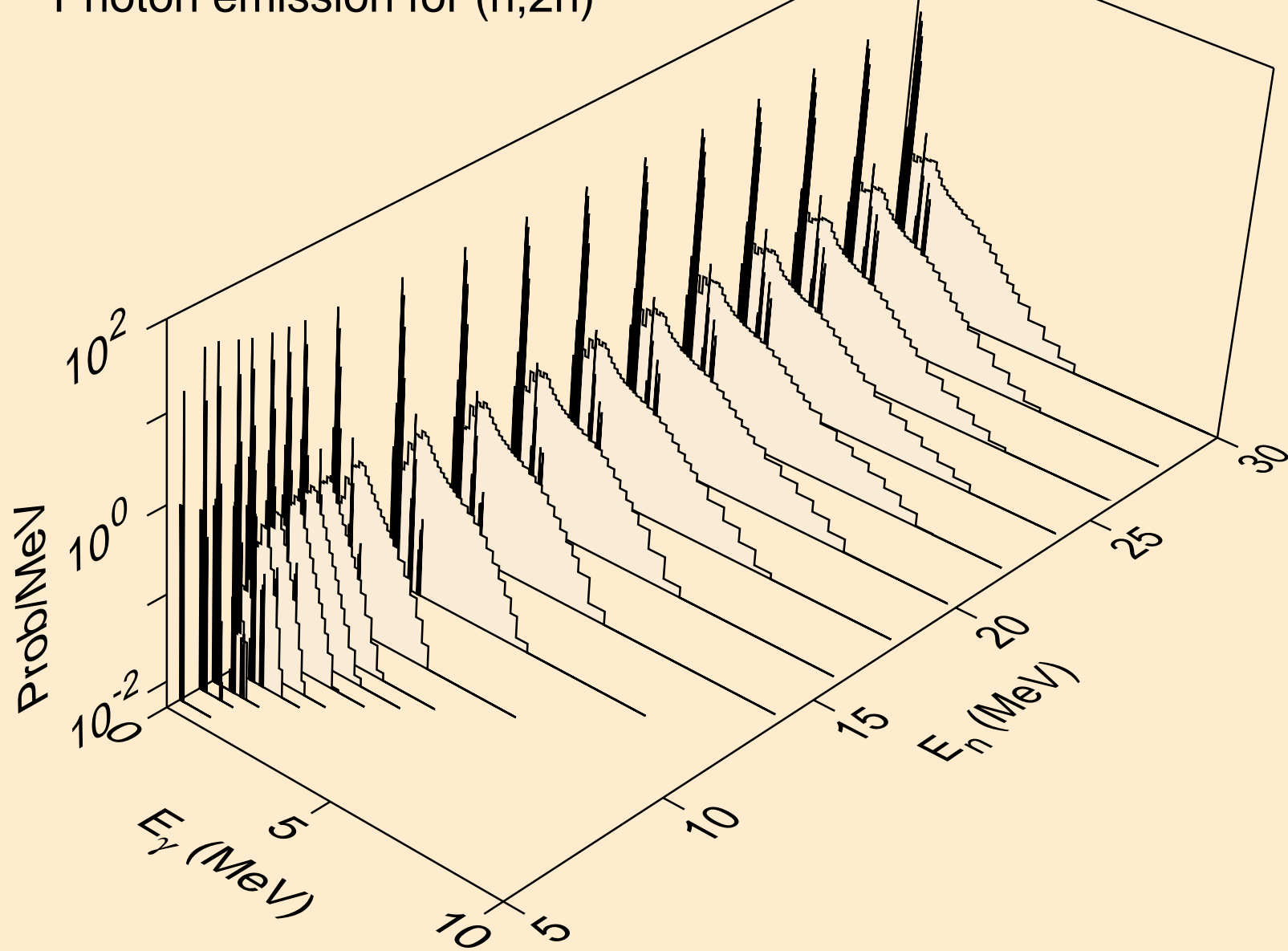
U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



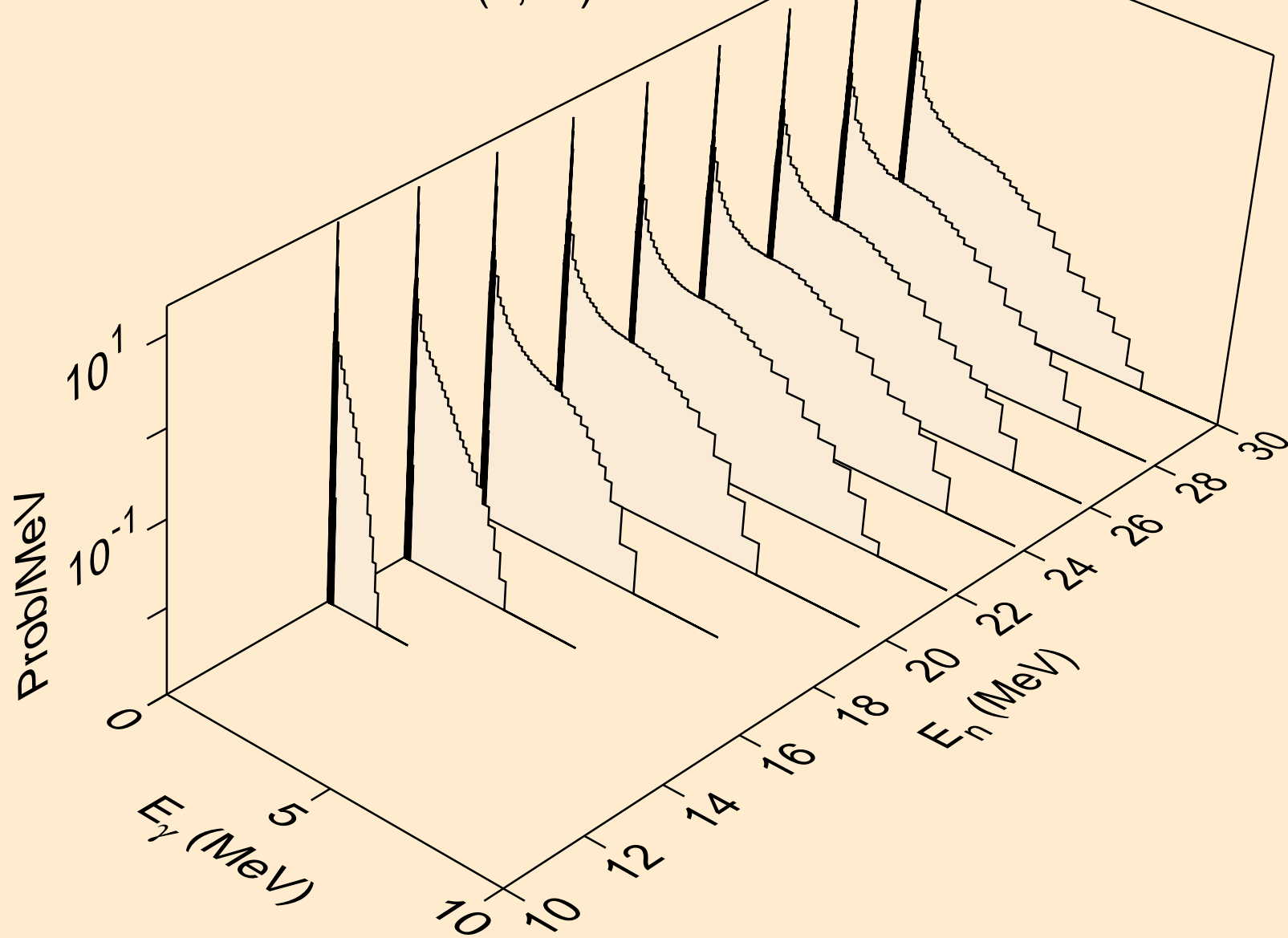
U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

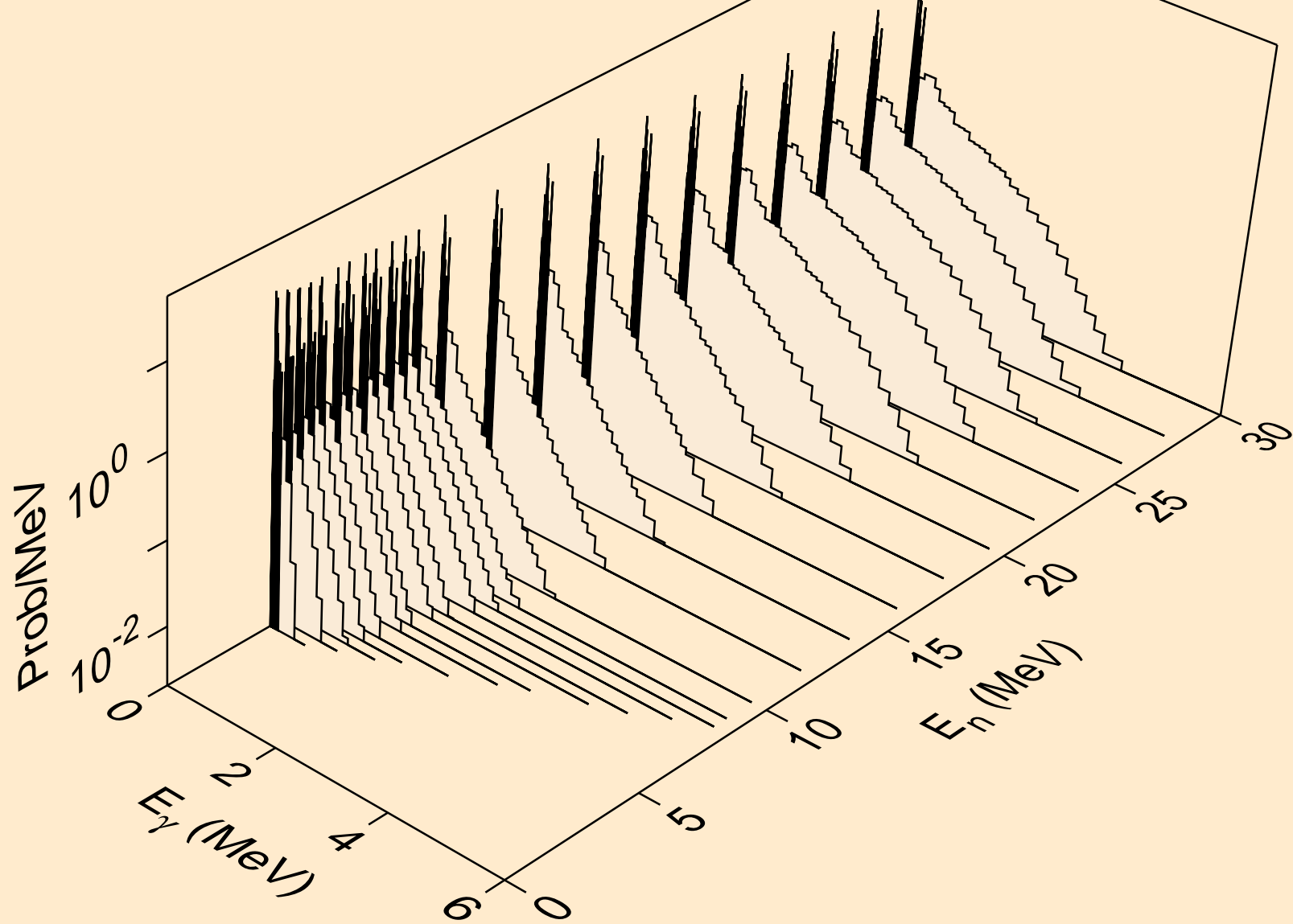


U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)

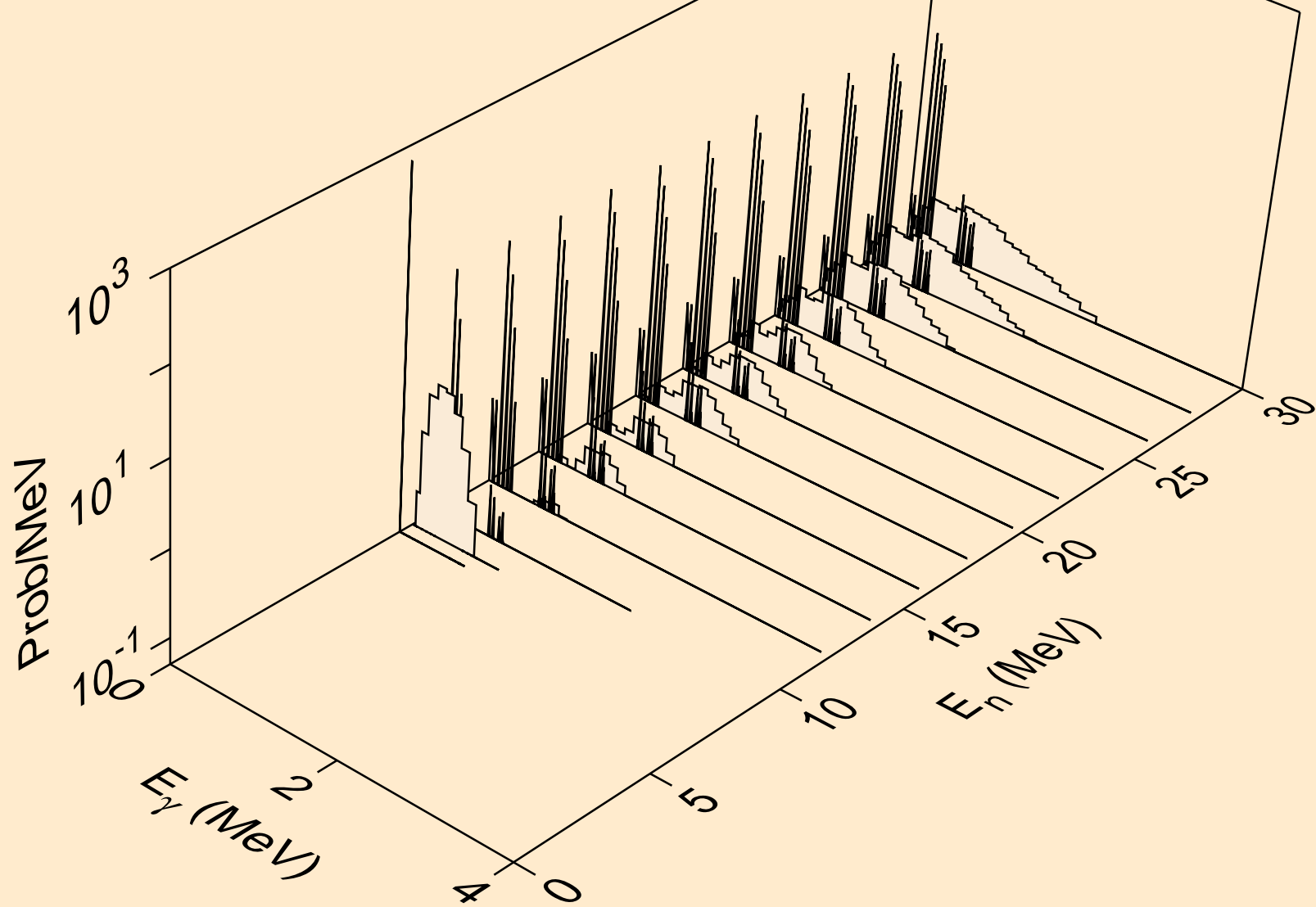




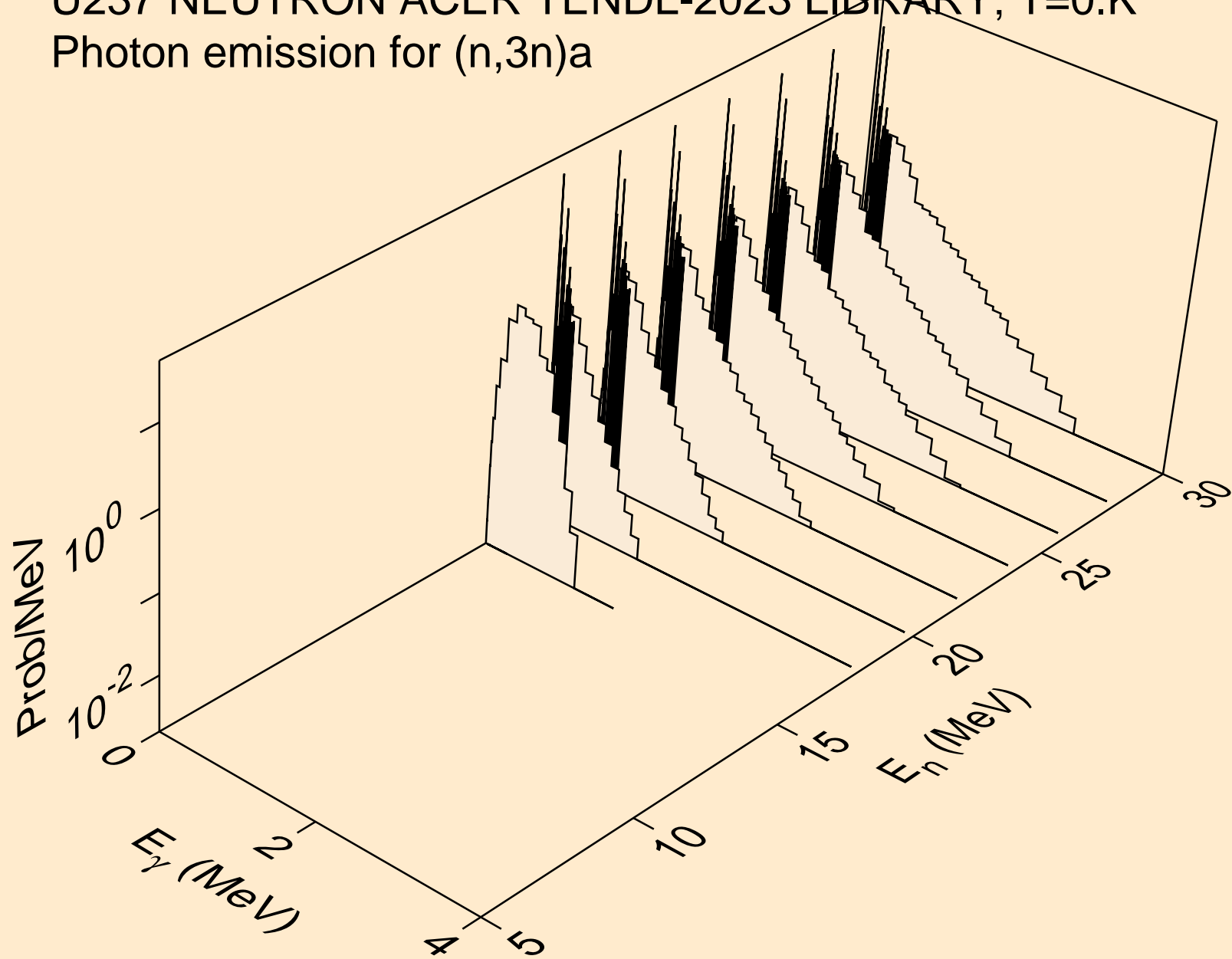
U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



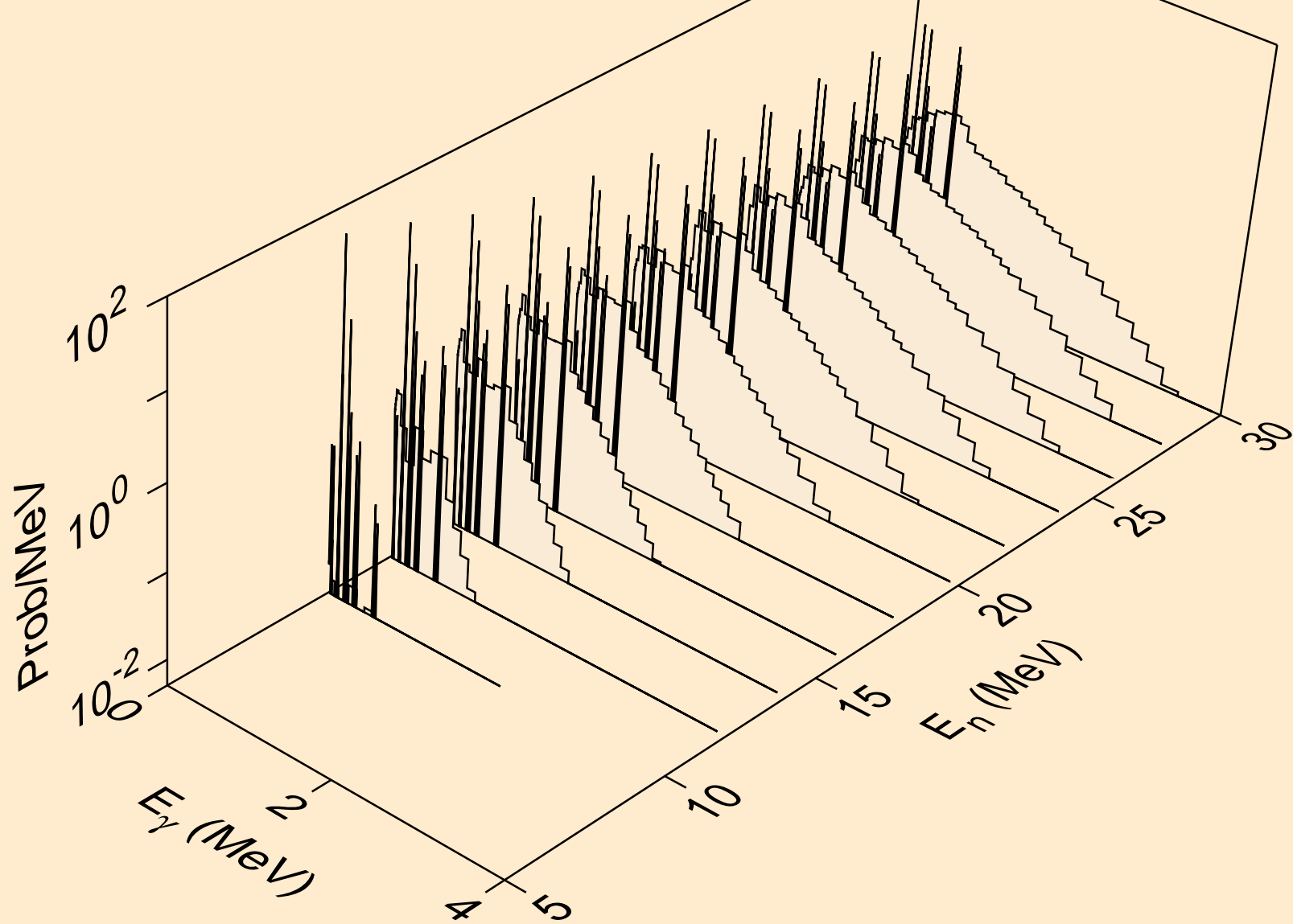
U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



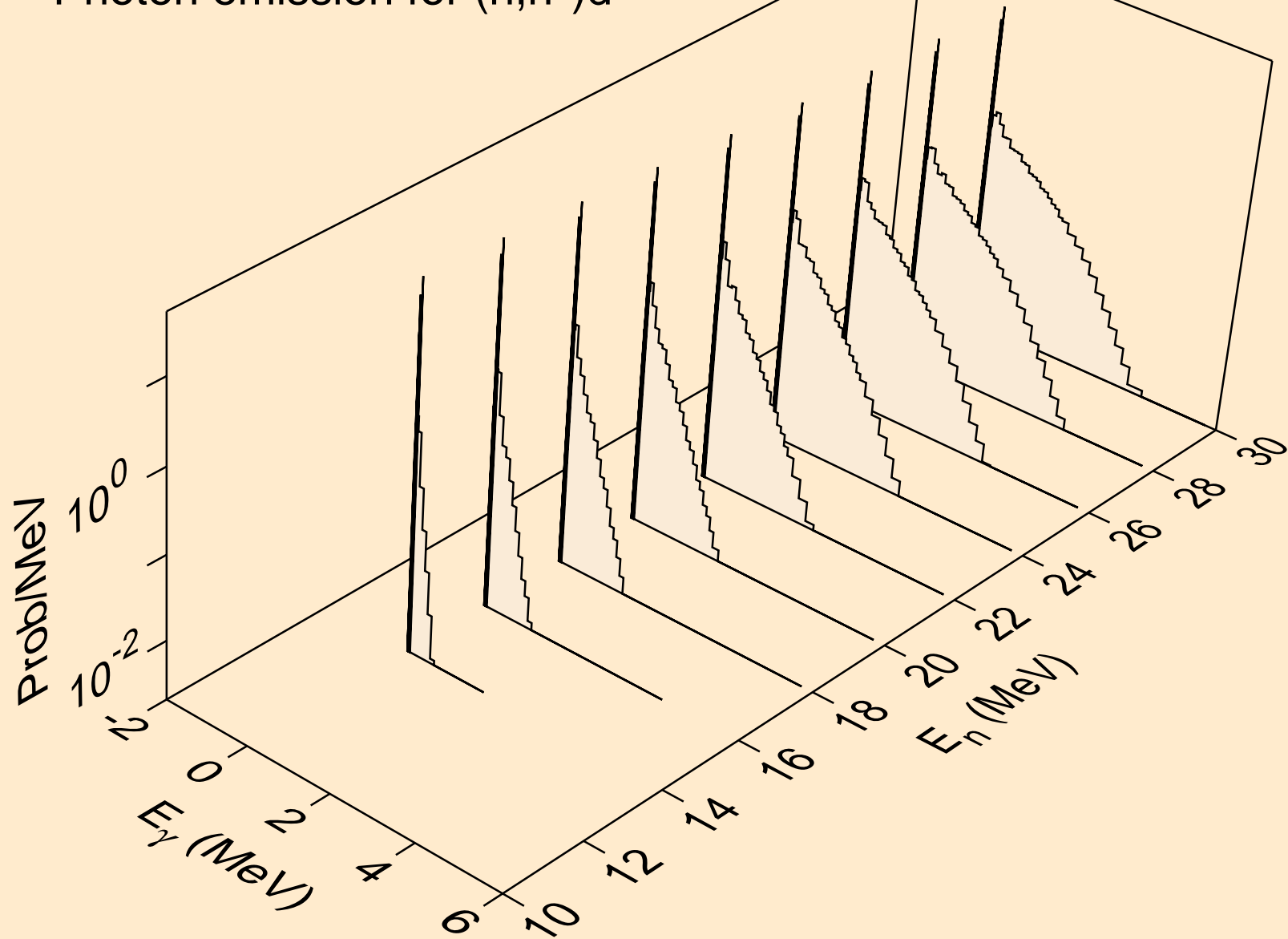
U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



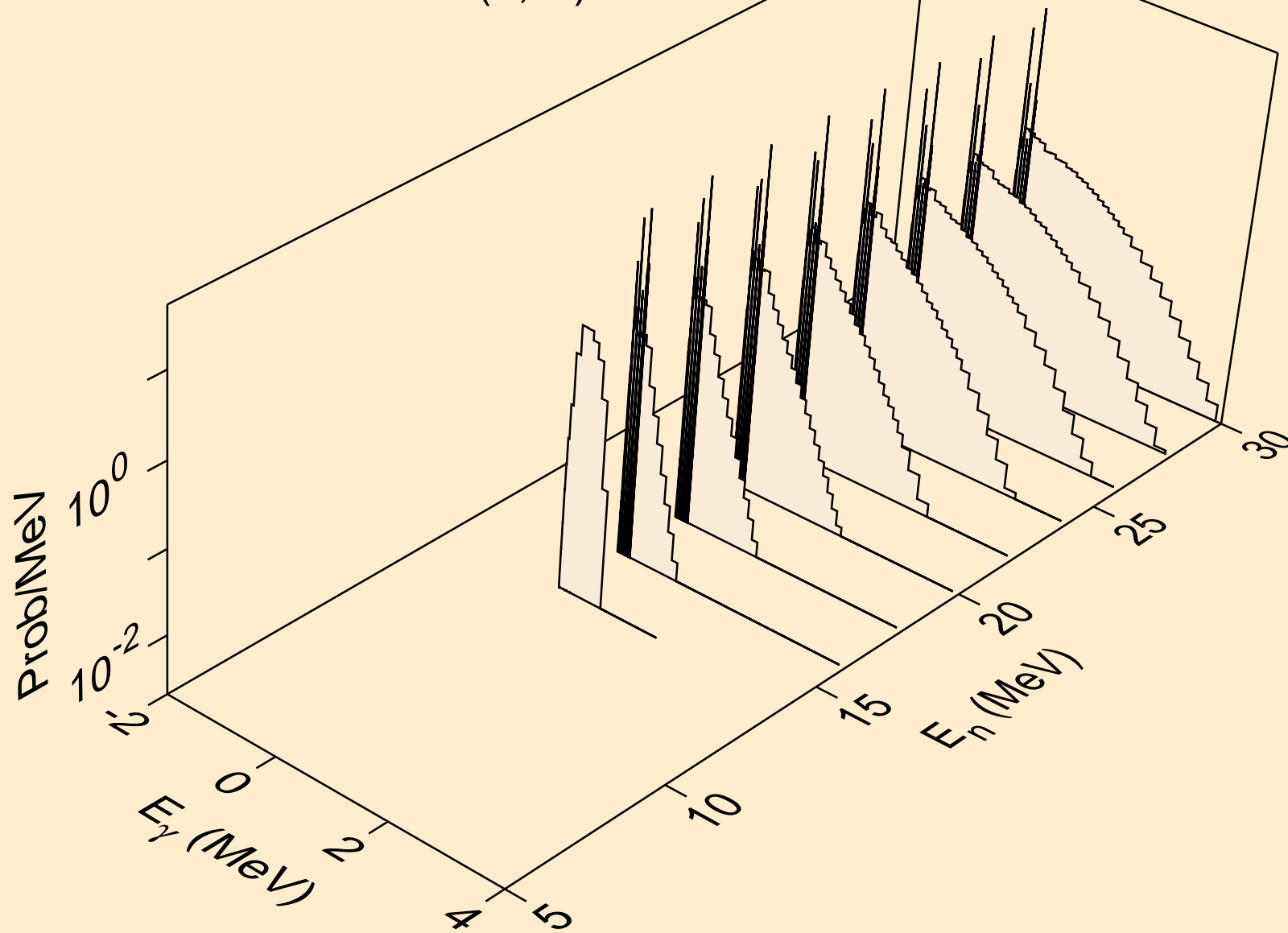
U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



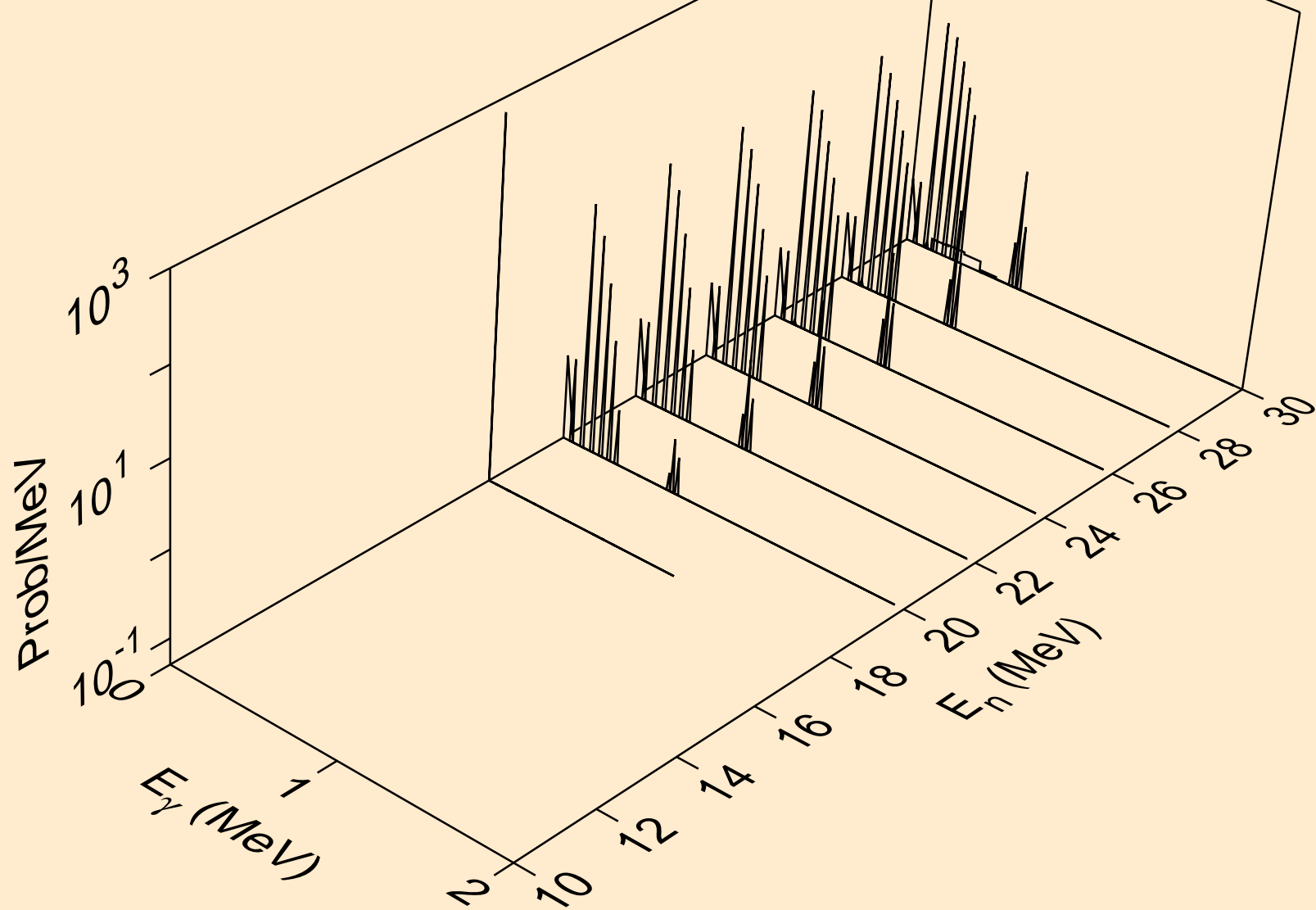
U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



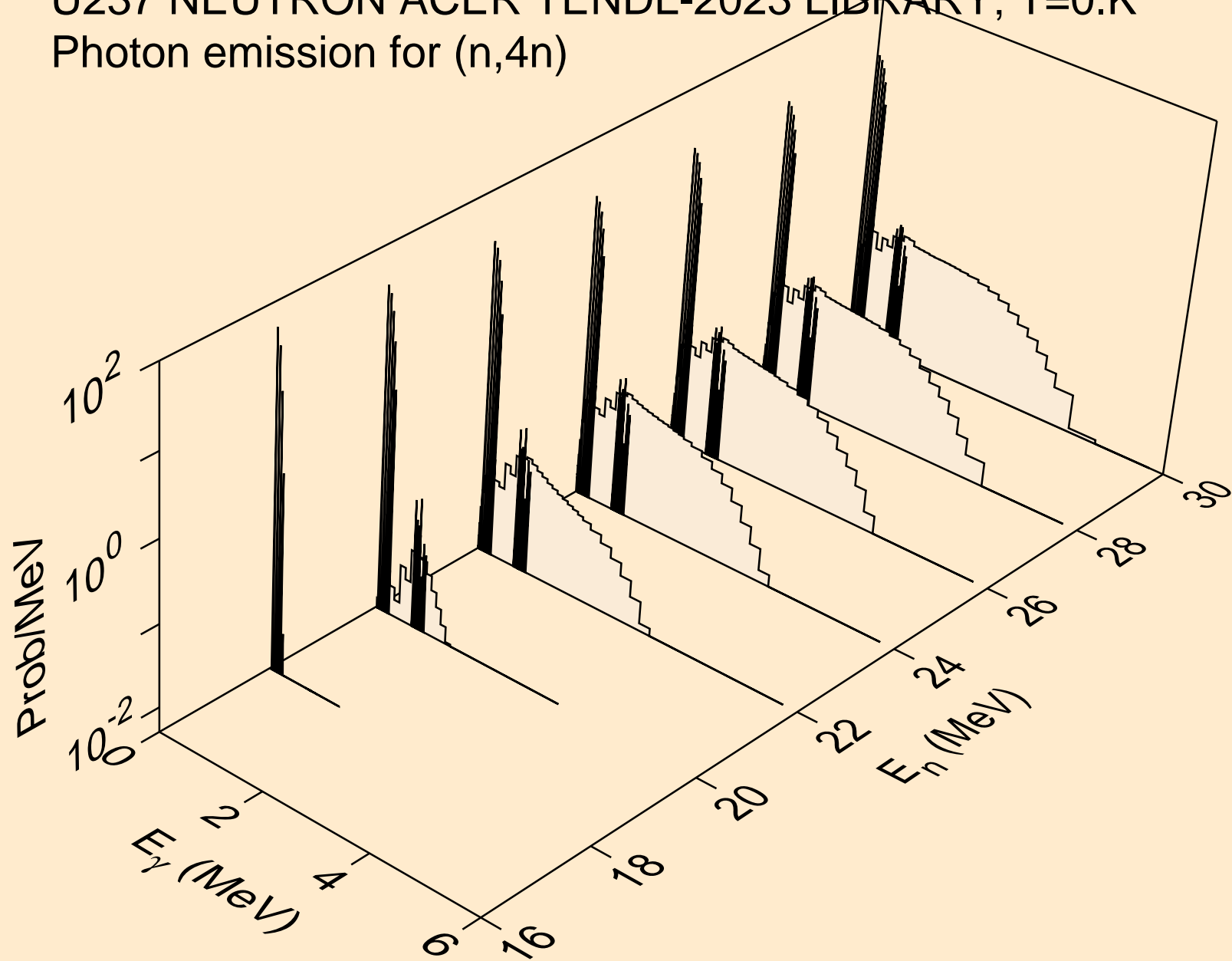
U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

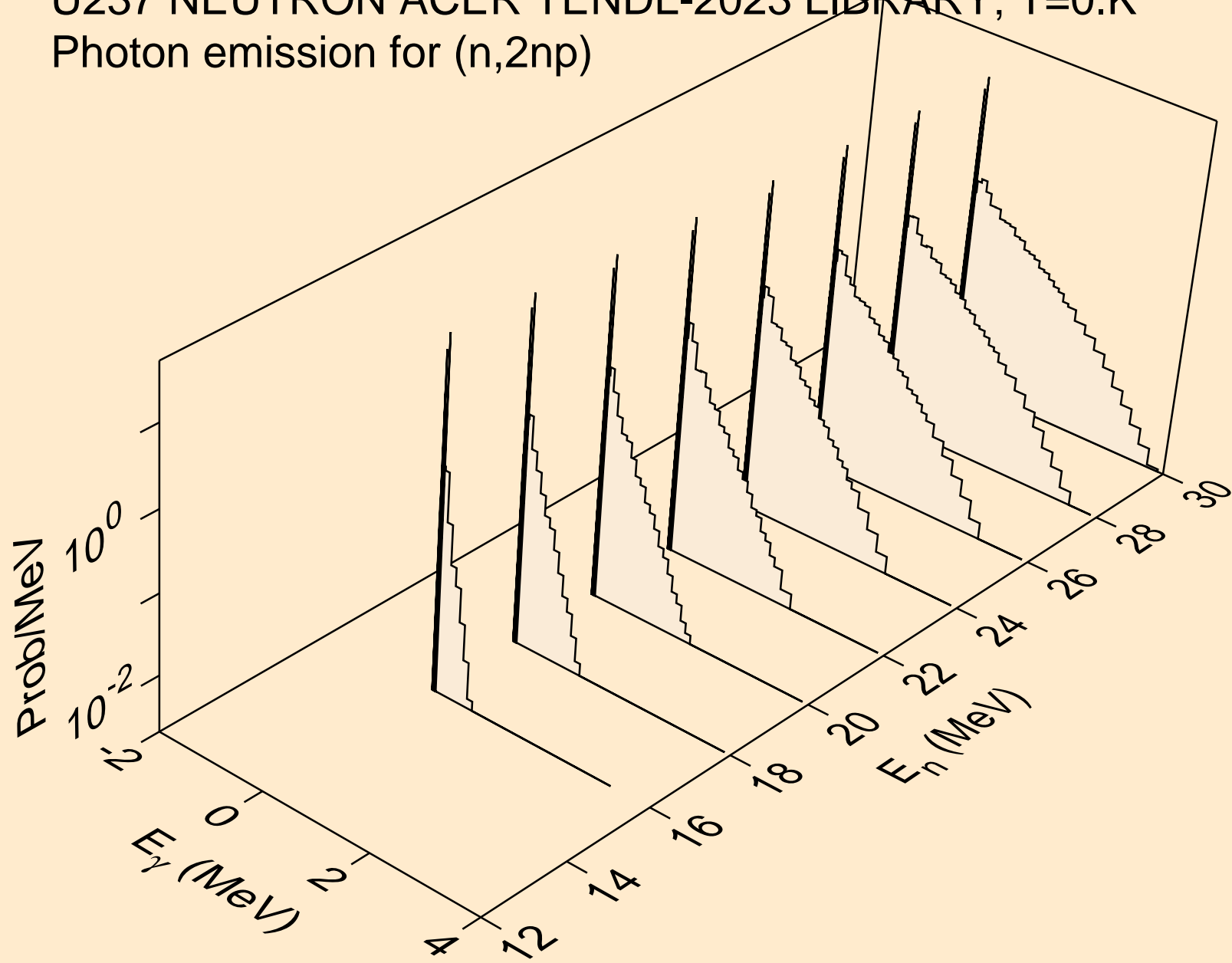


U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)

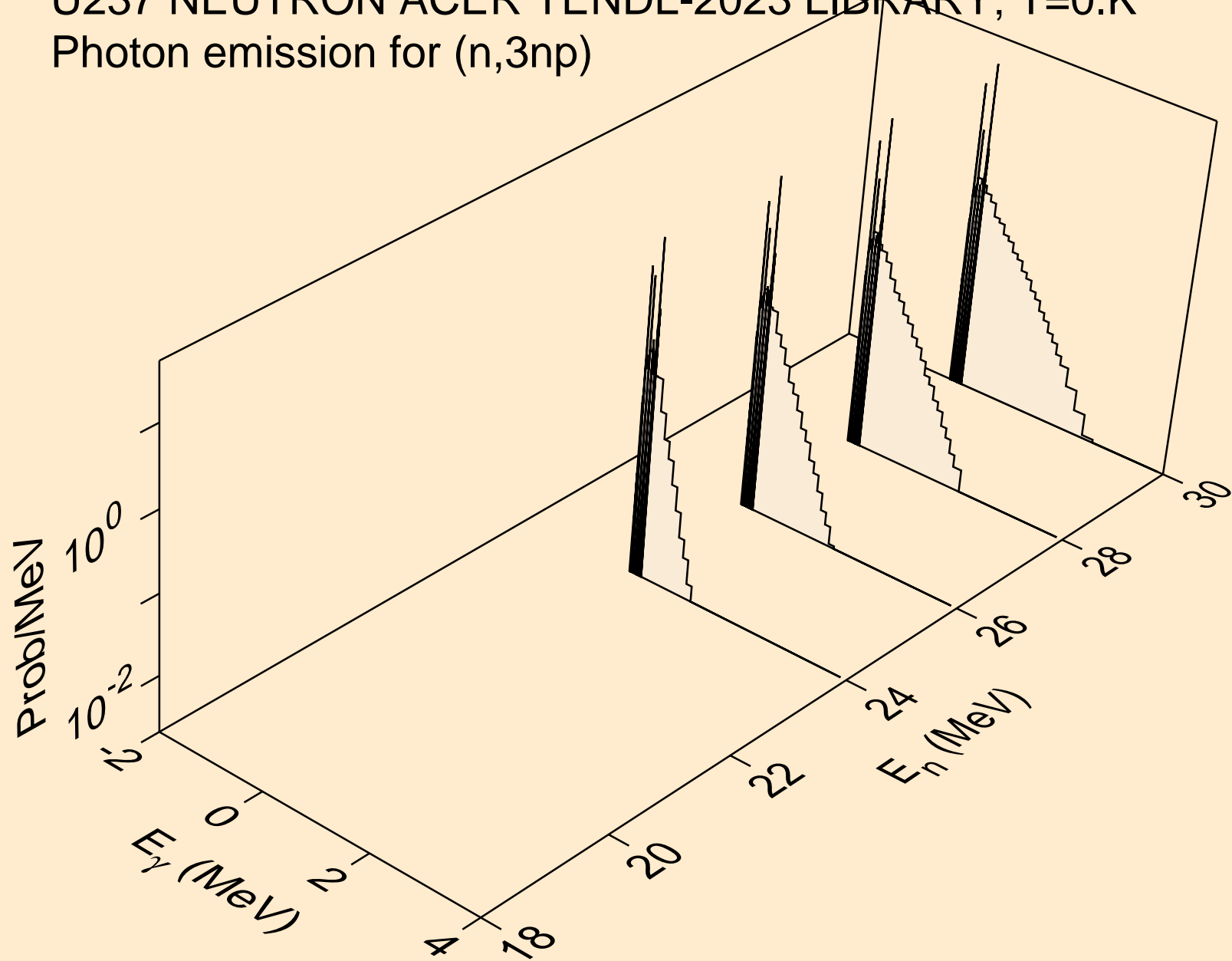




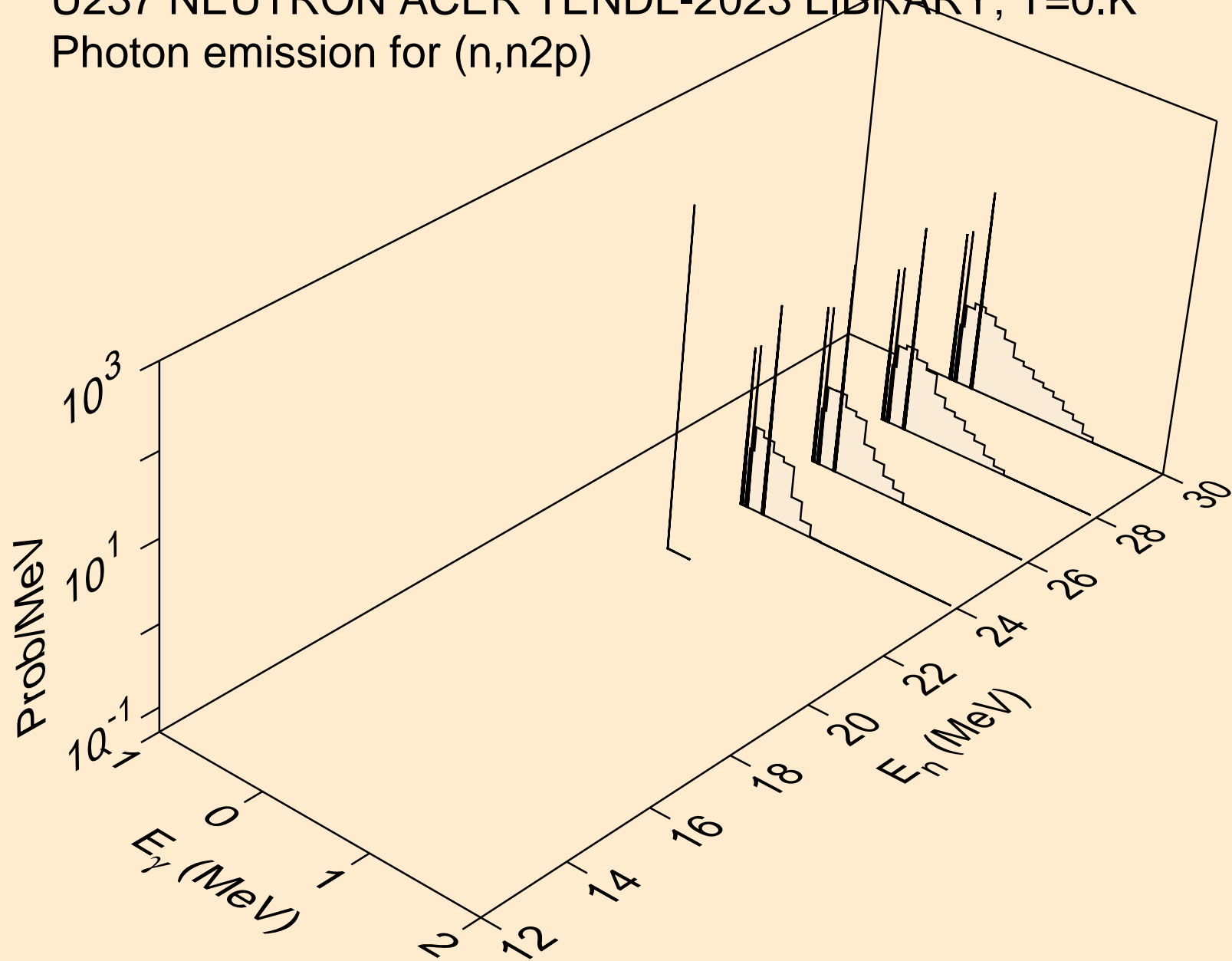
U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



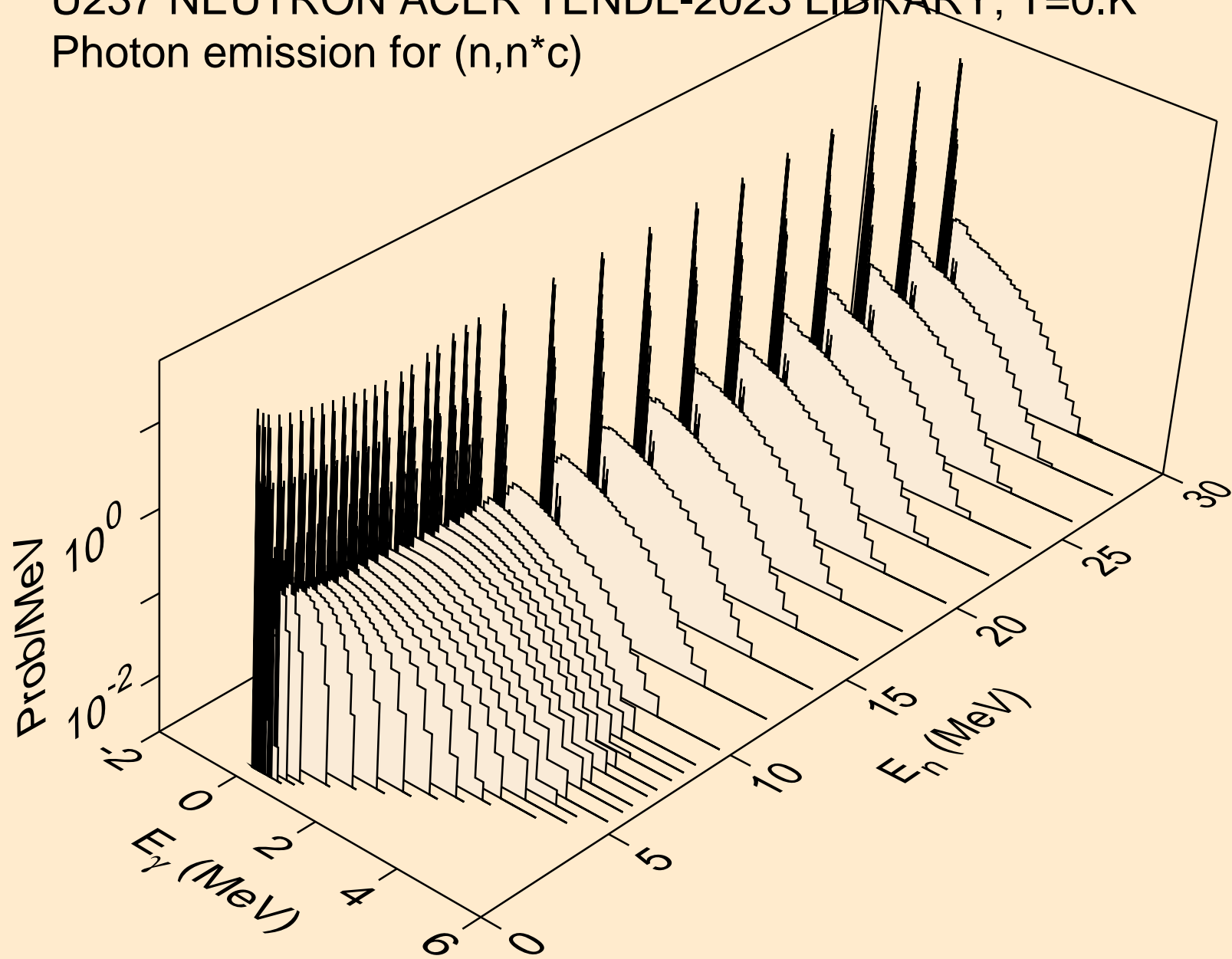
U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



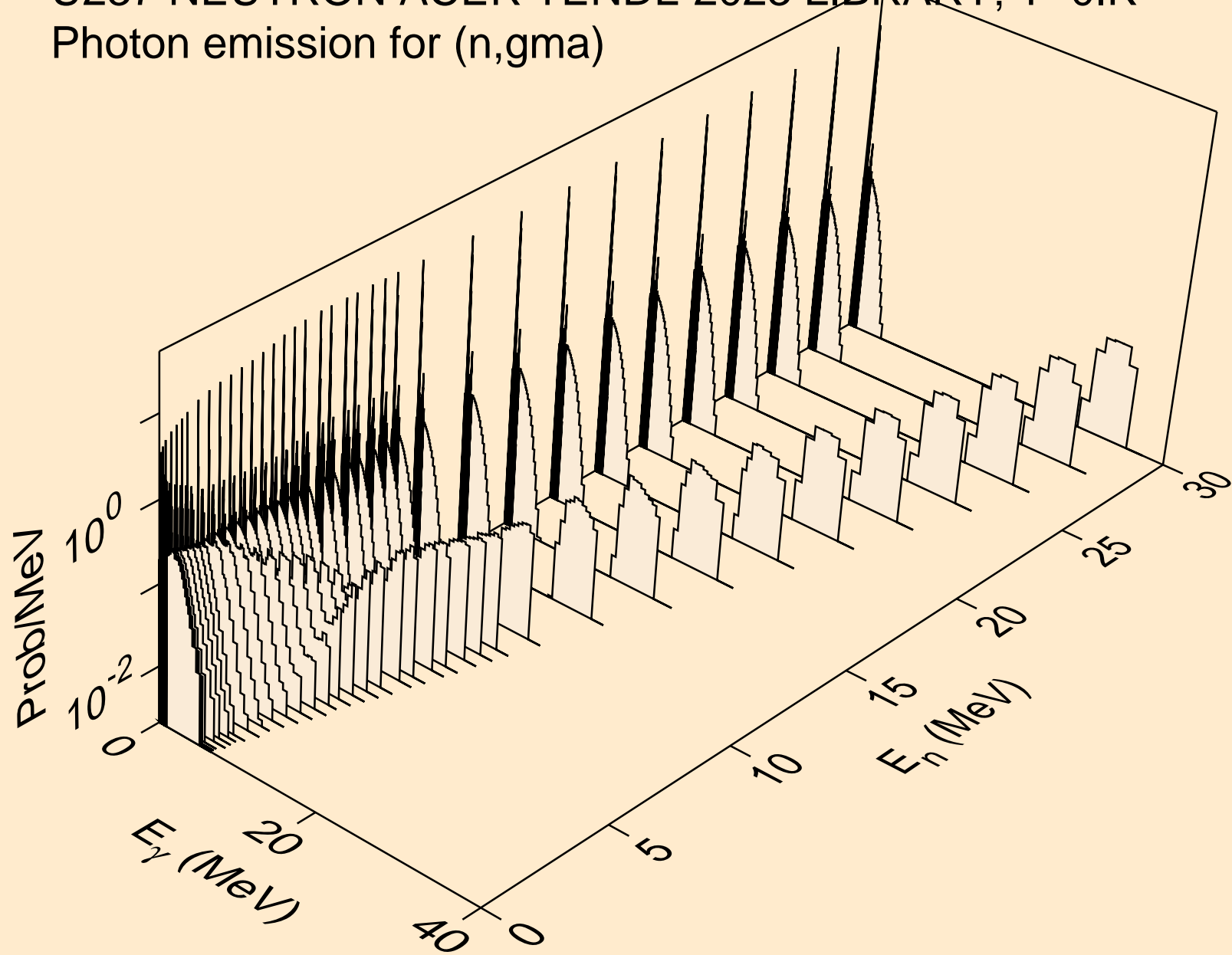
U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



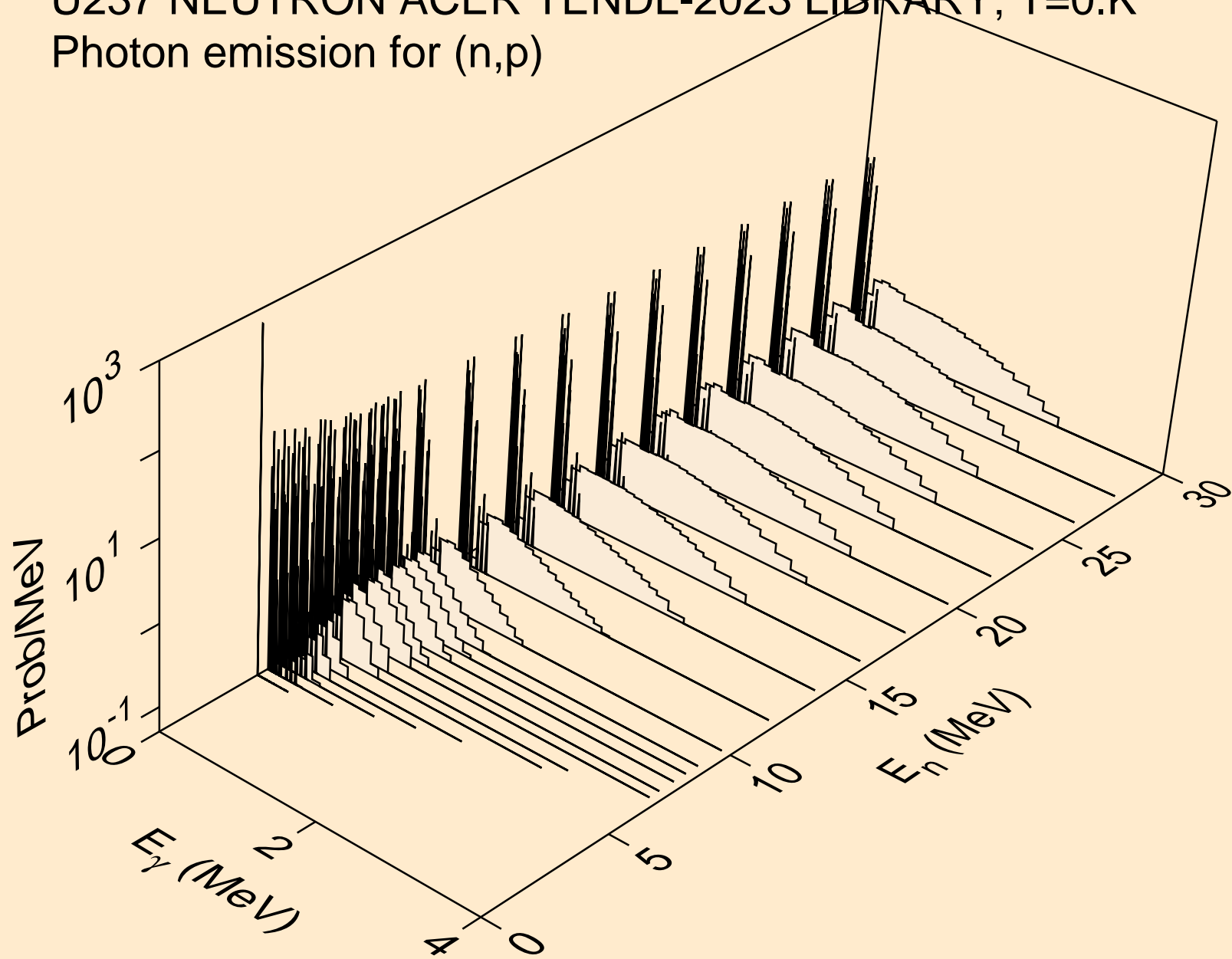
U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



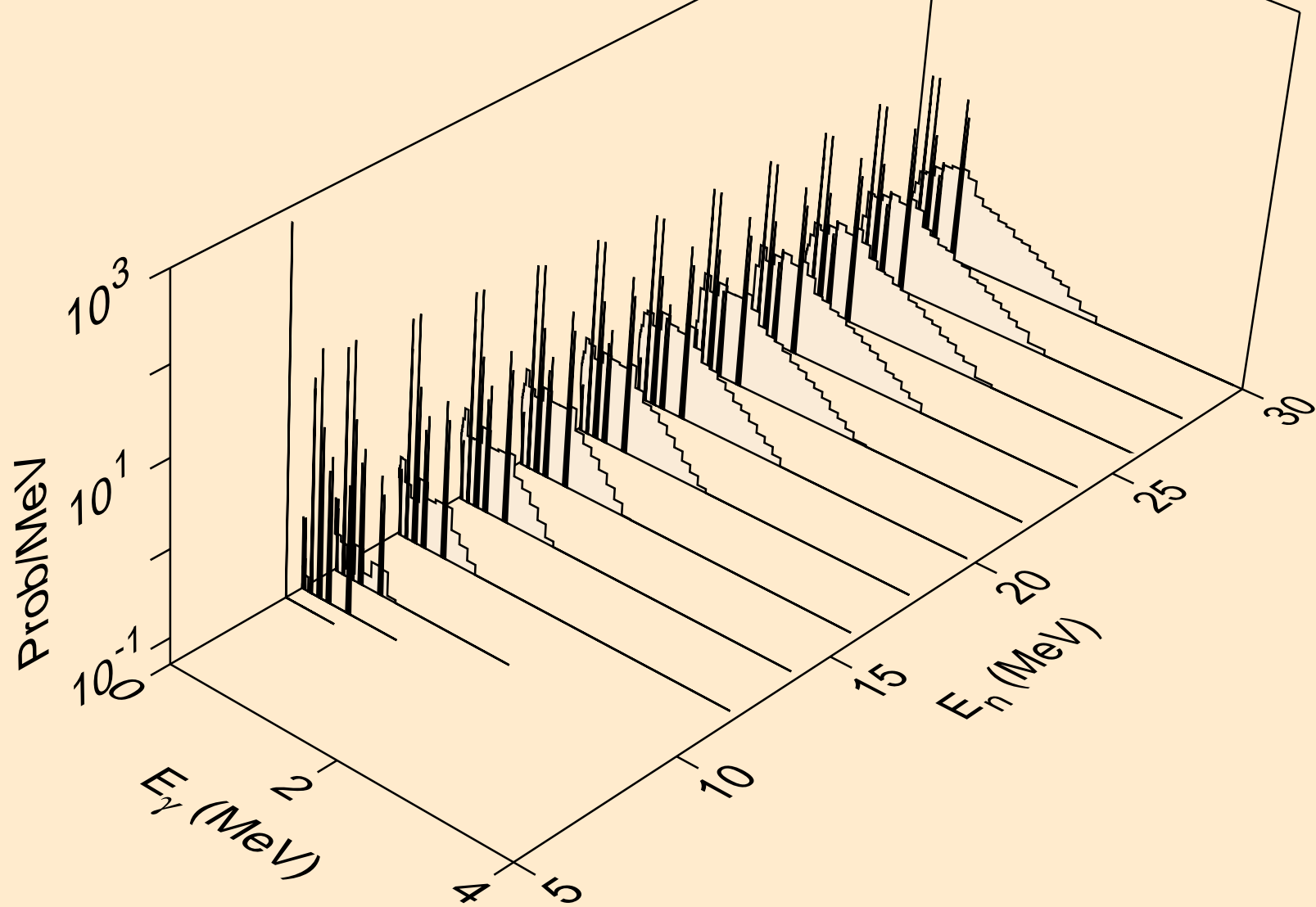
U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



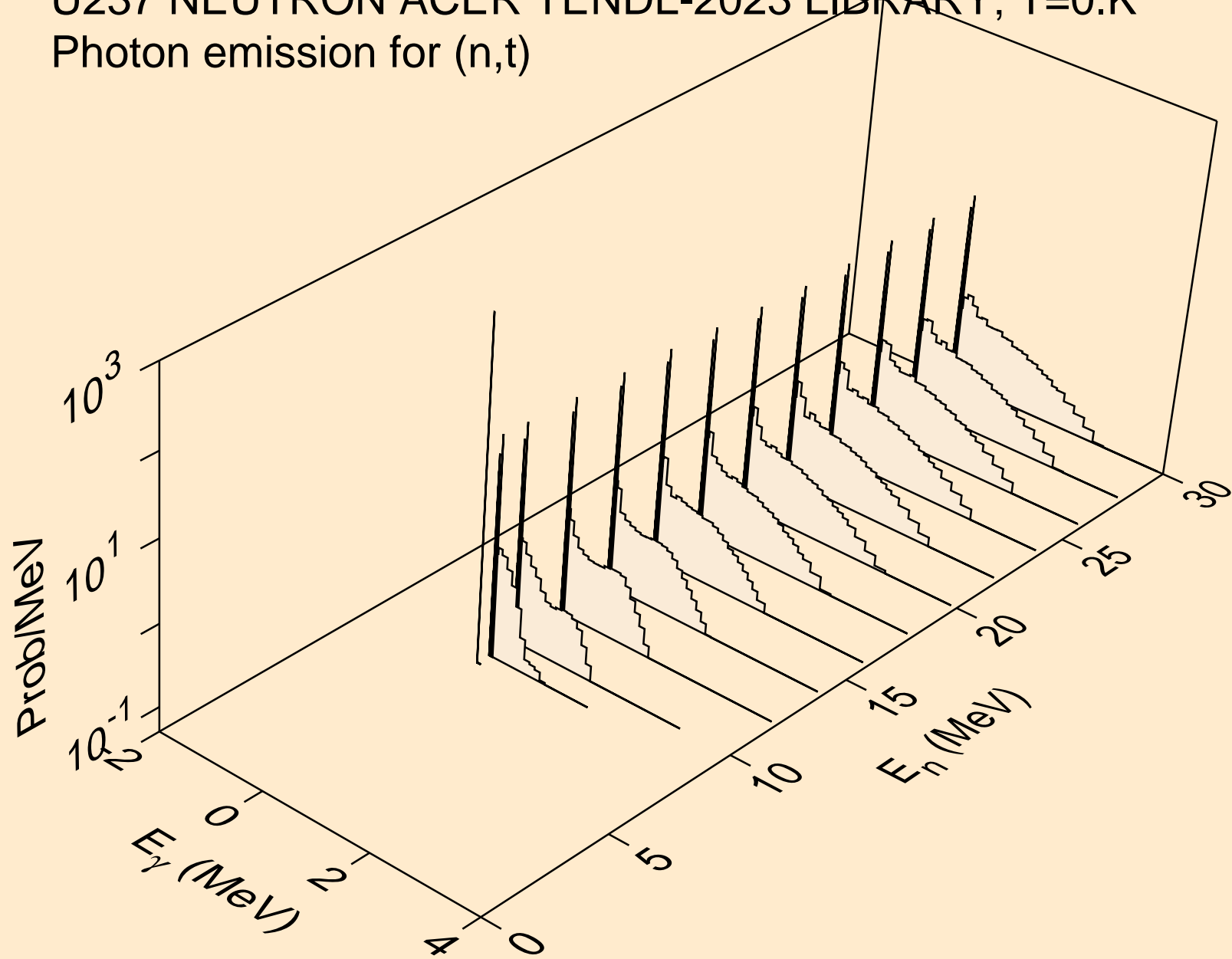
U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)

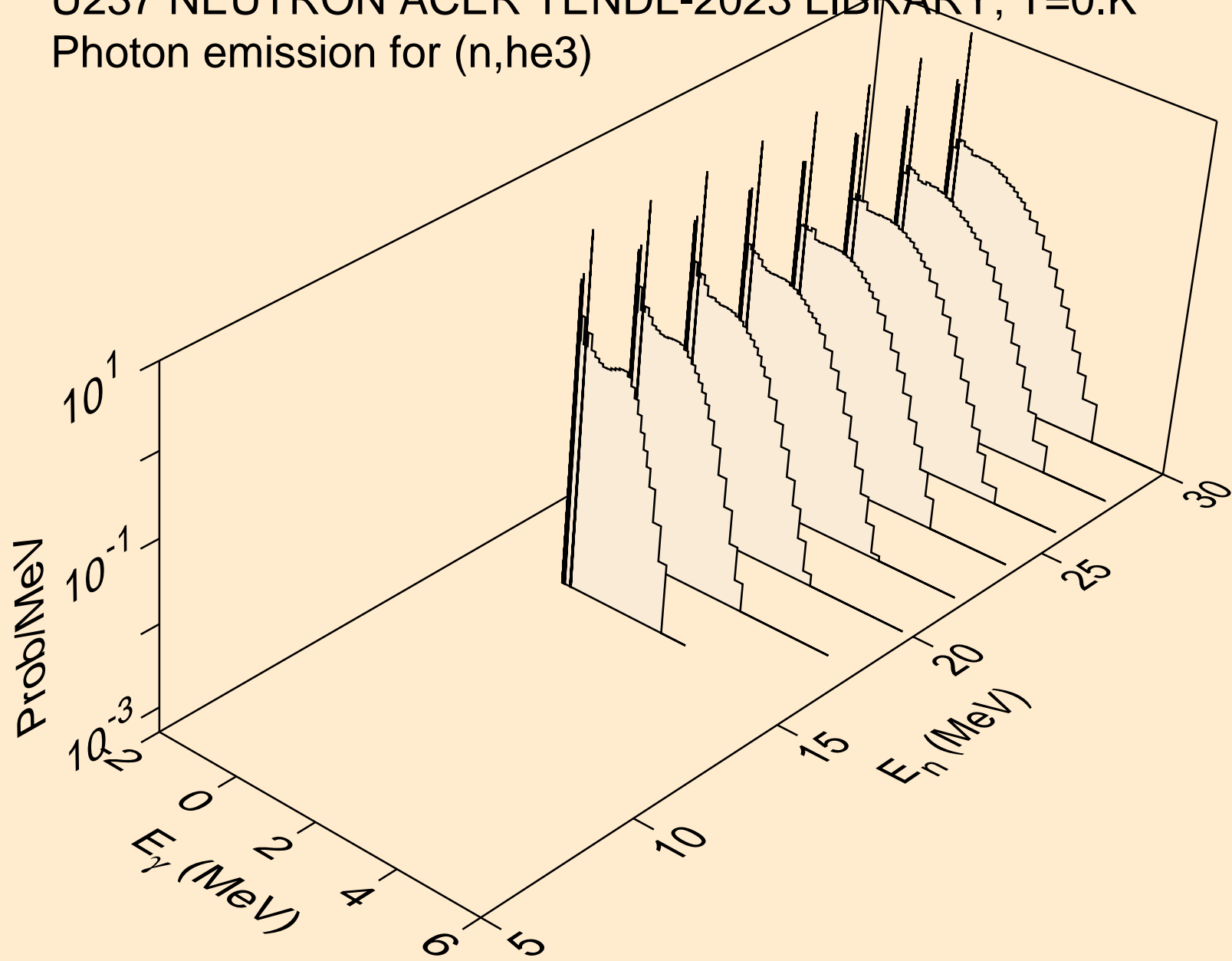


U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)

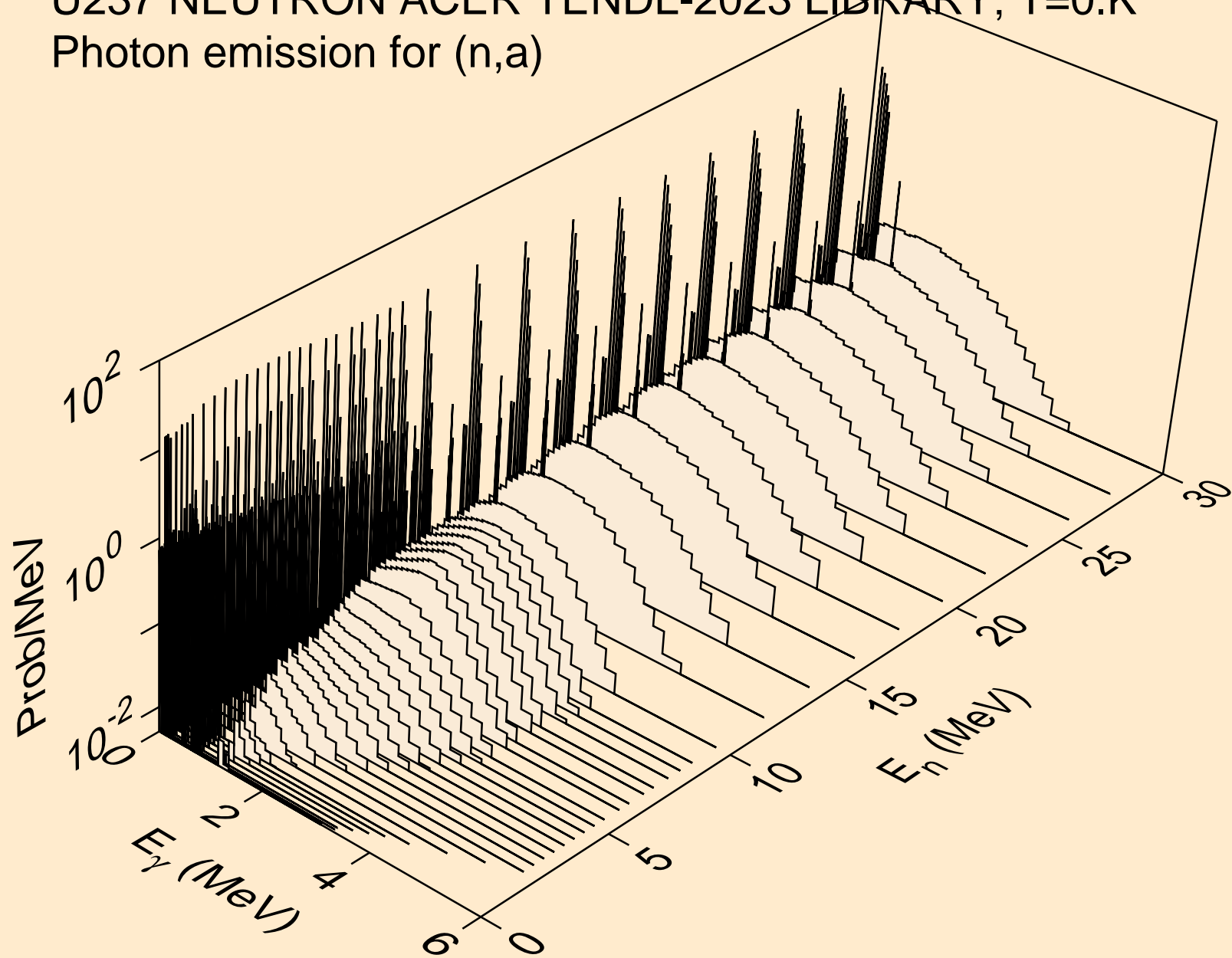




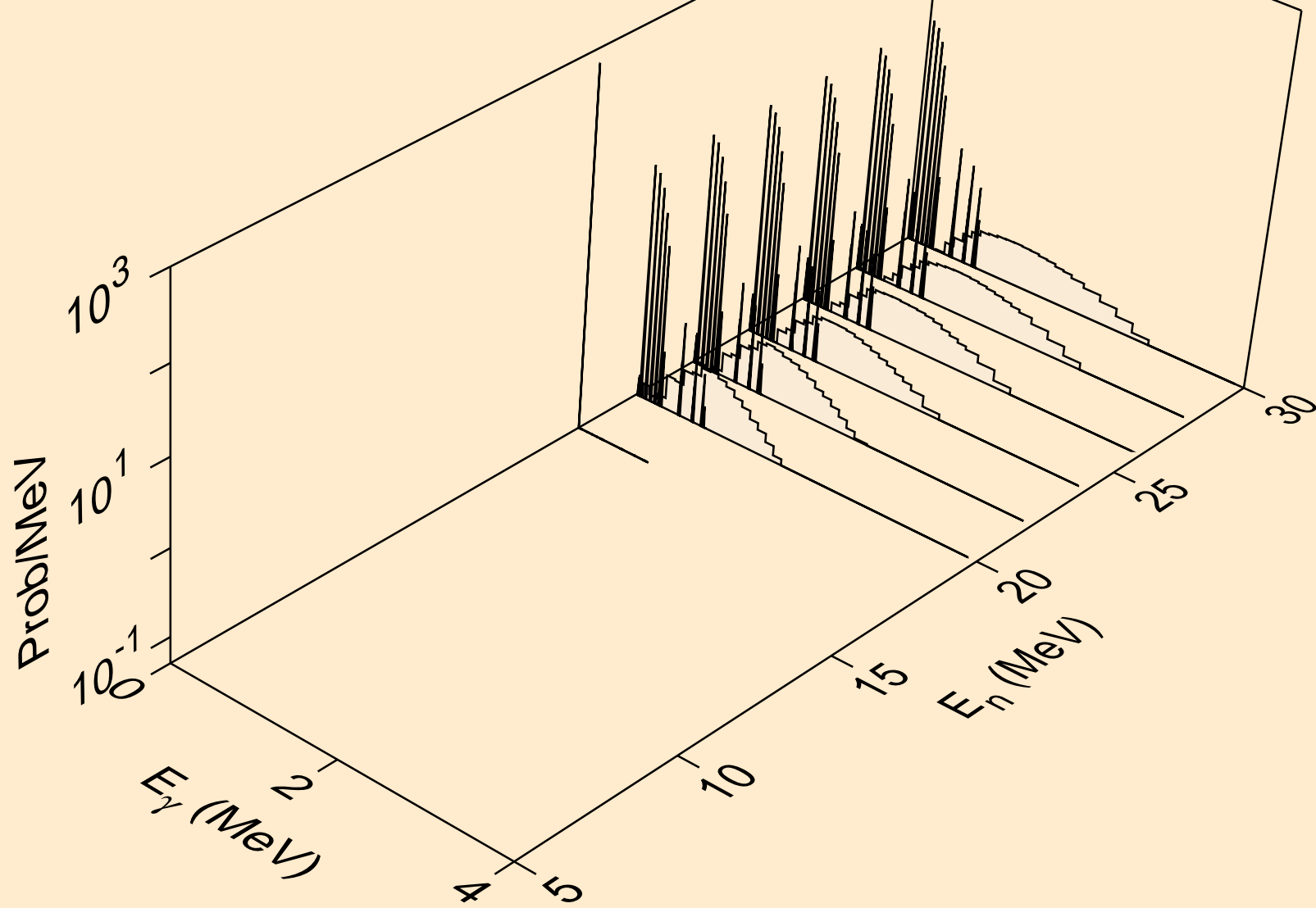
U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



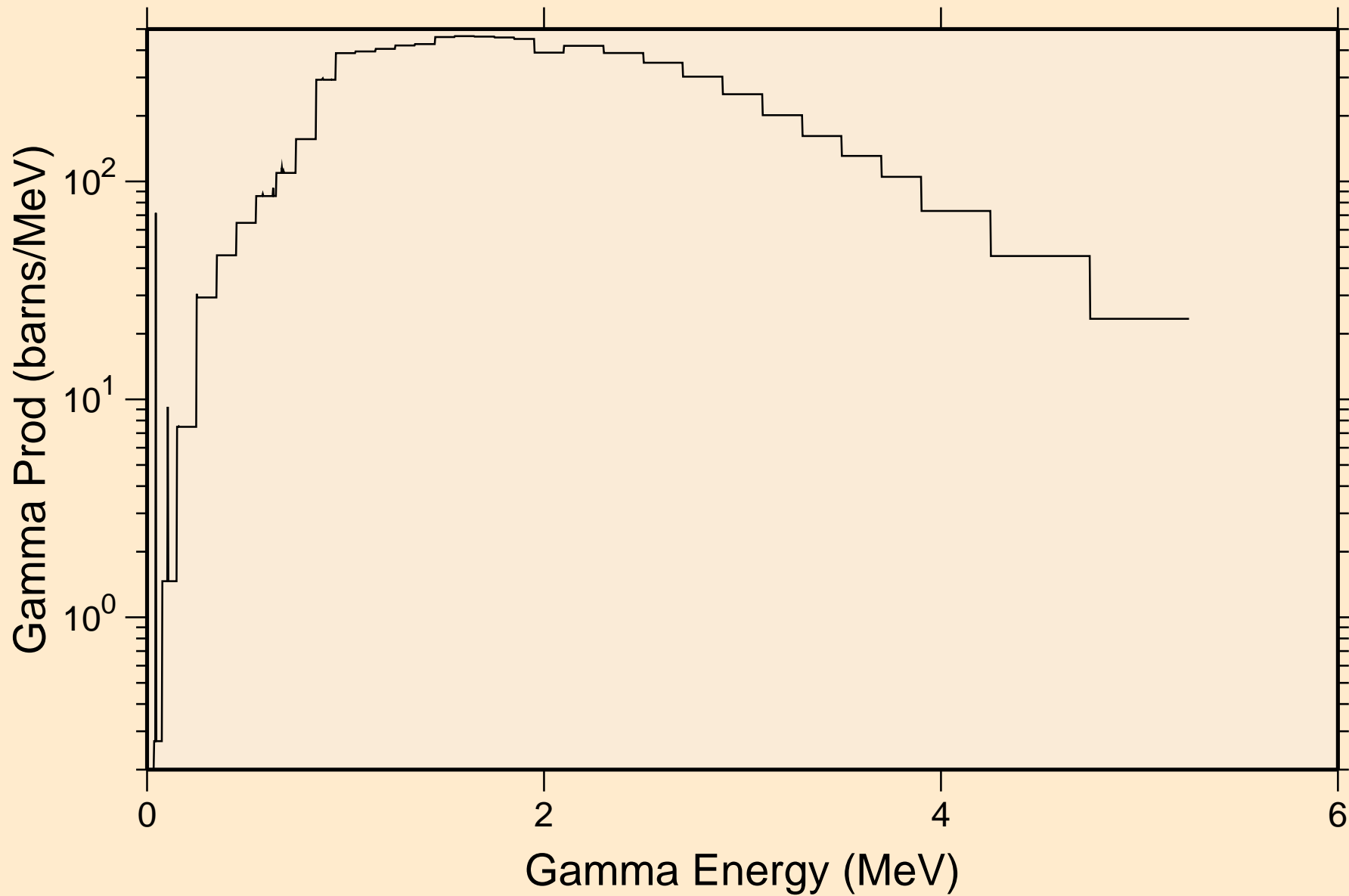
U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



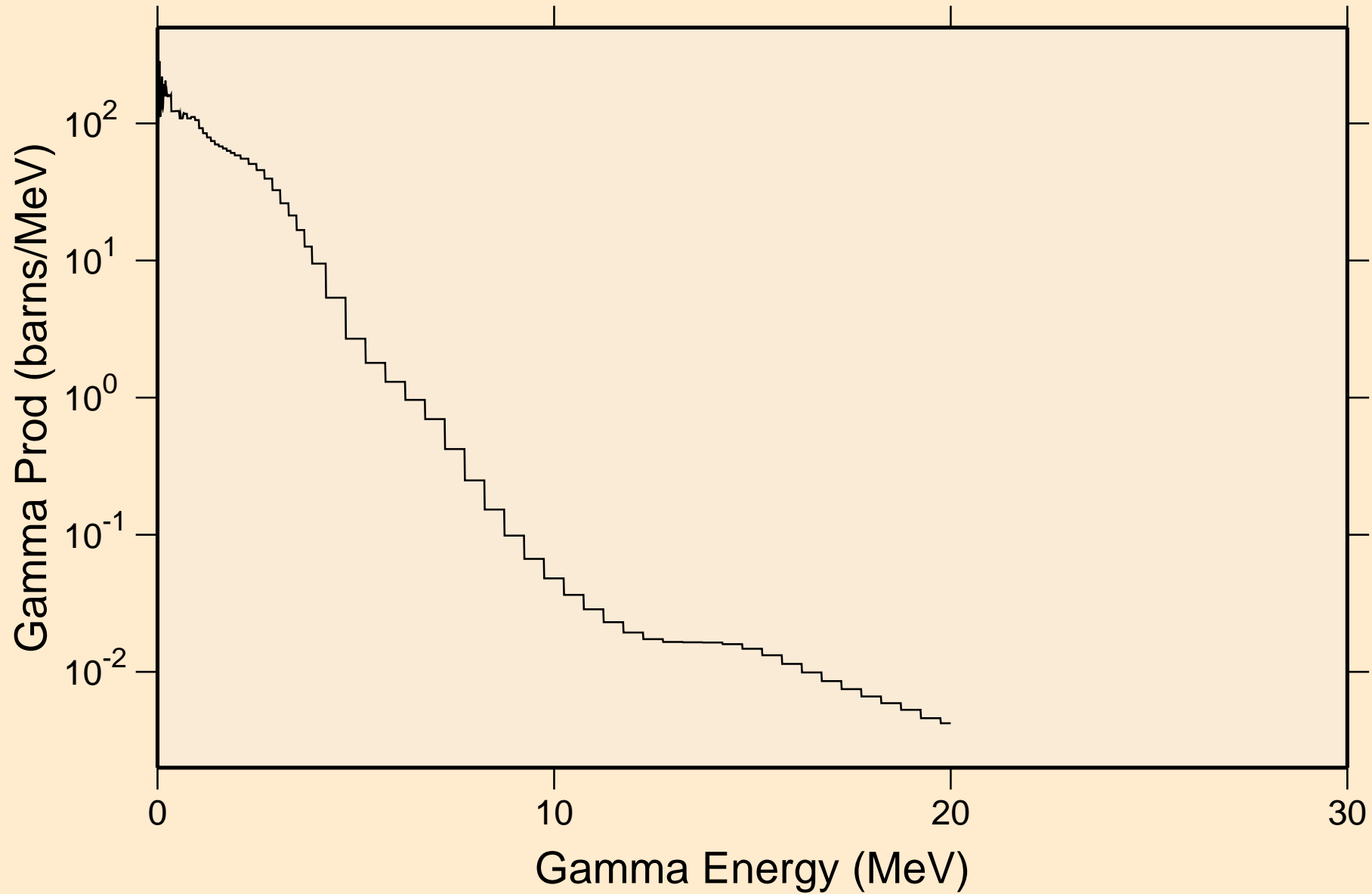
U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

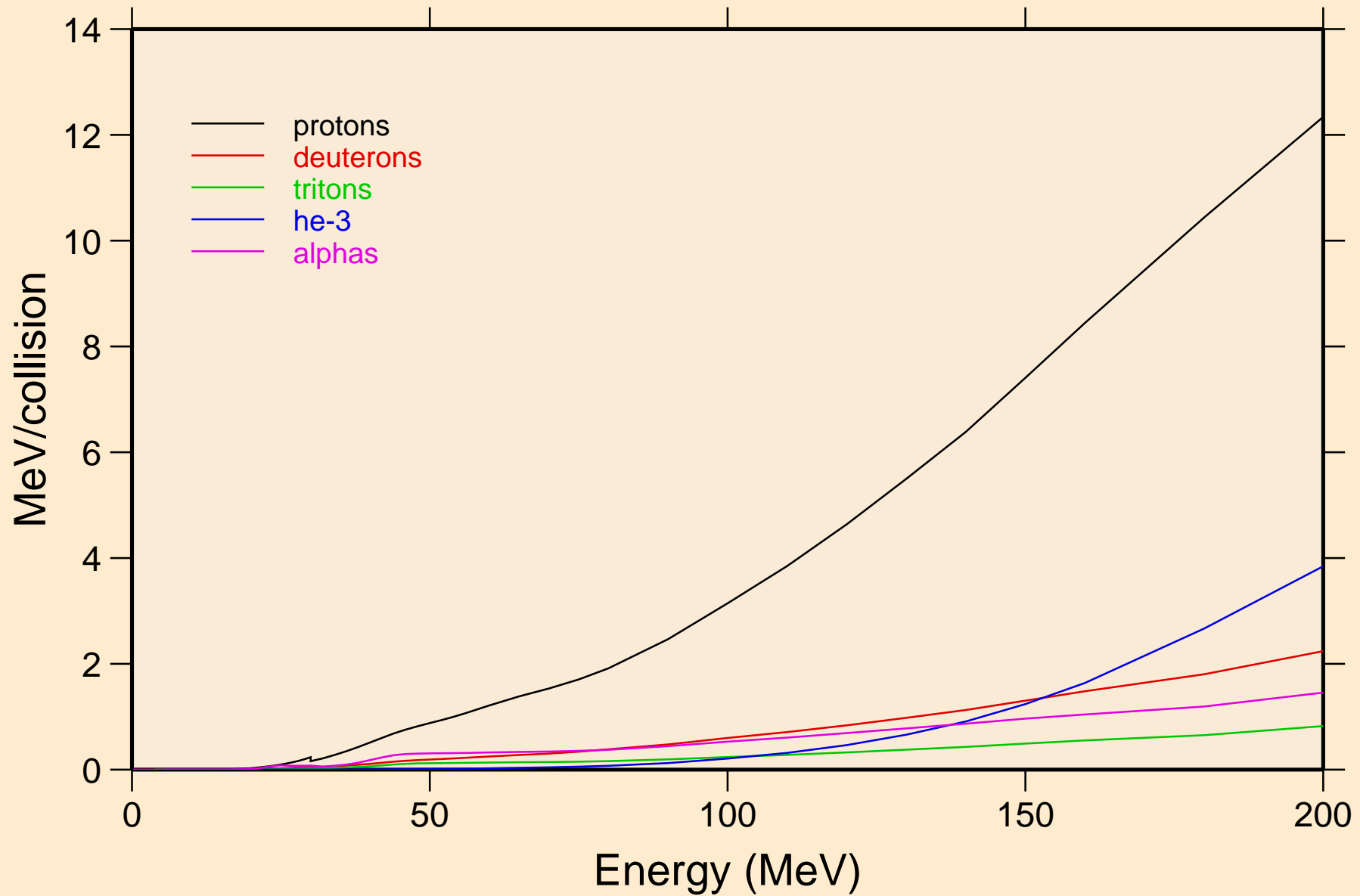


U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum

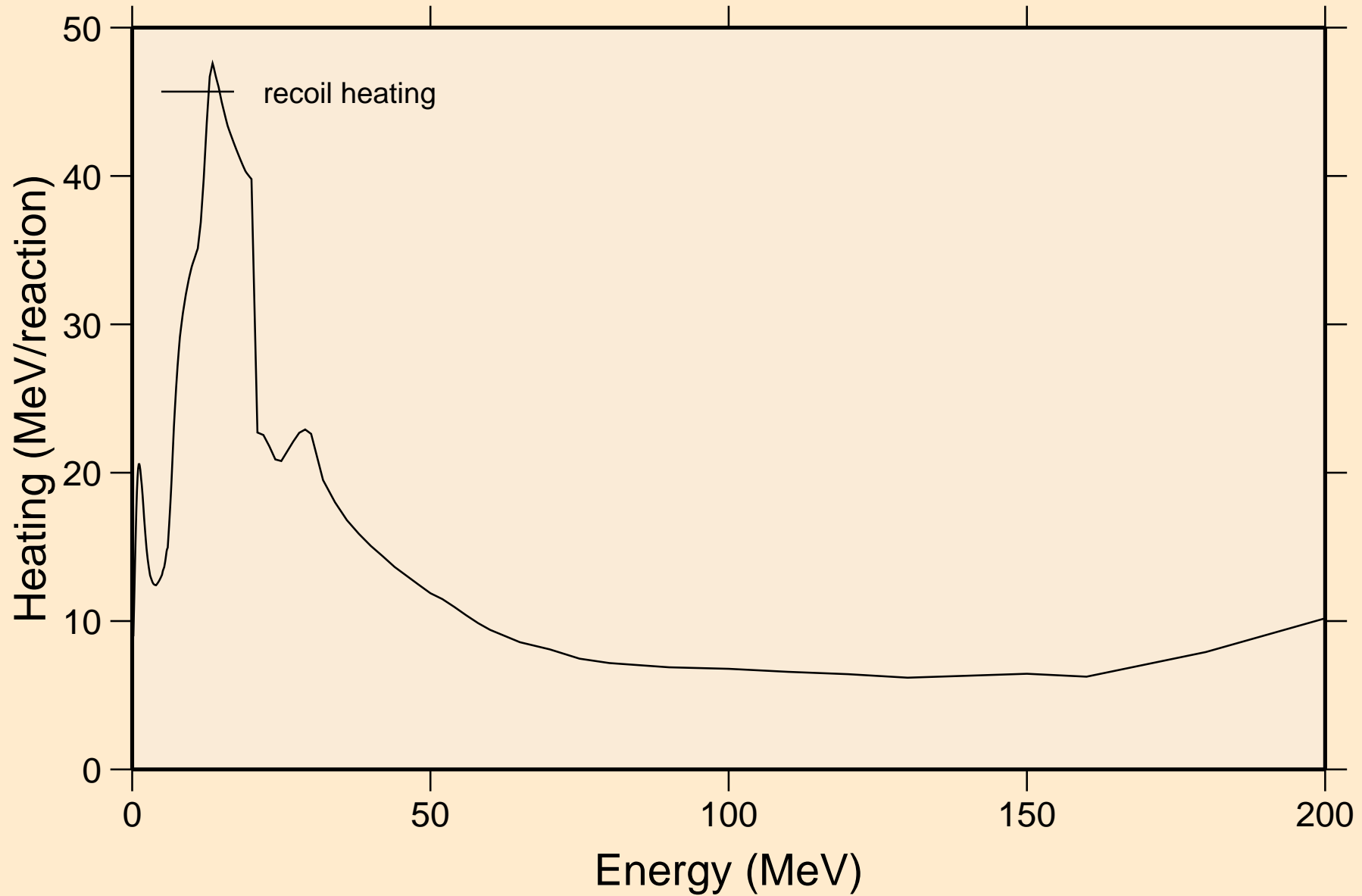


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## Particle heating contributions

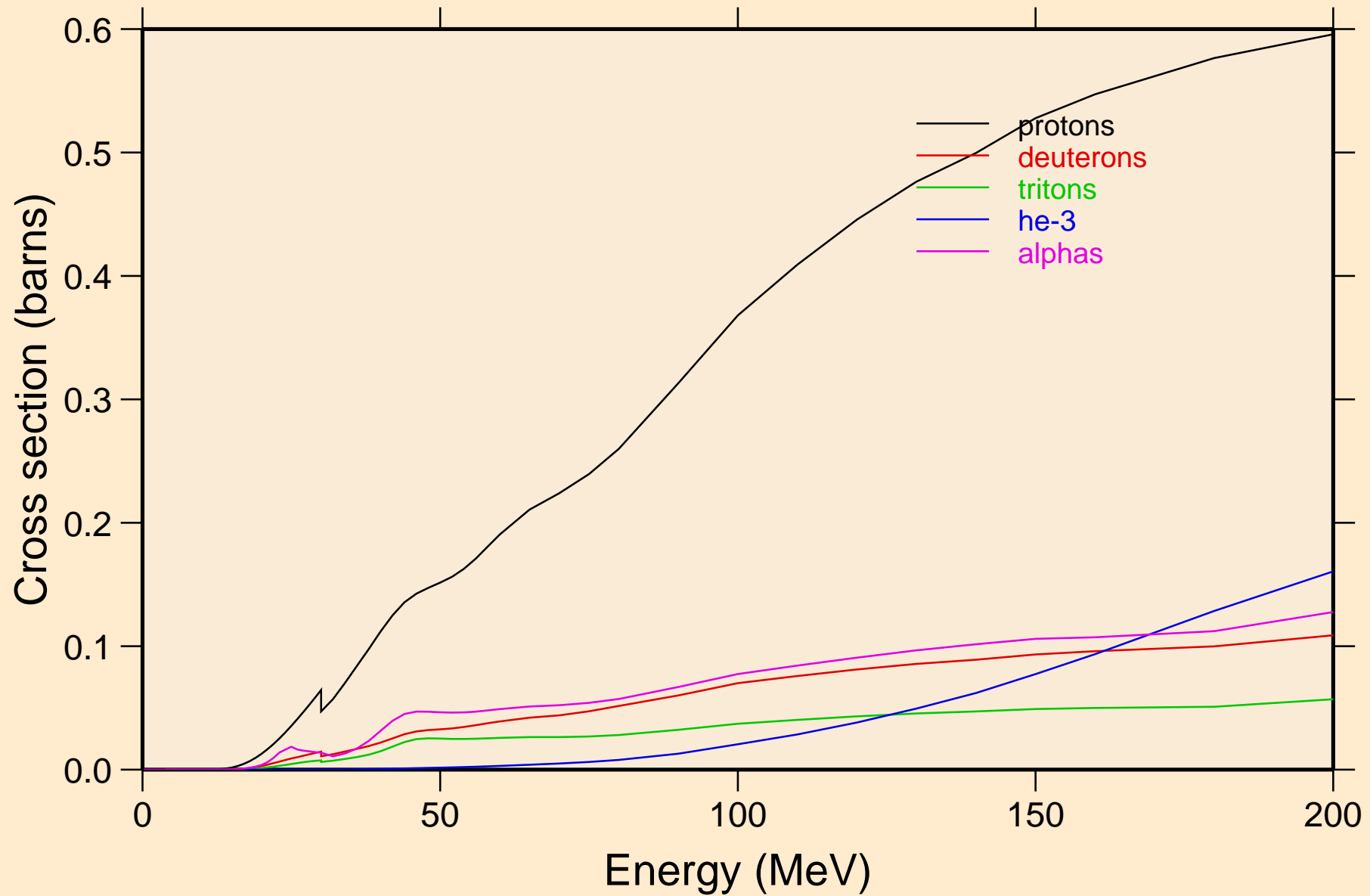


U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



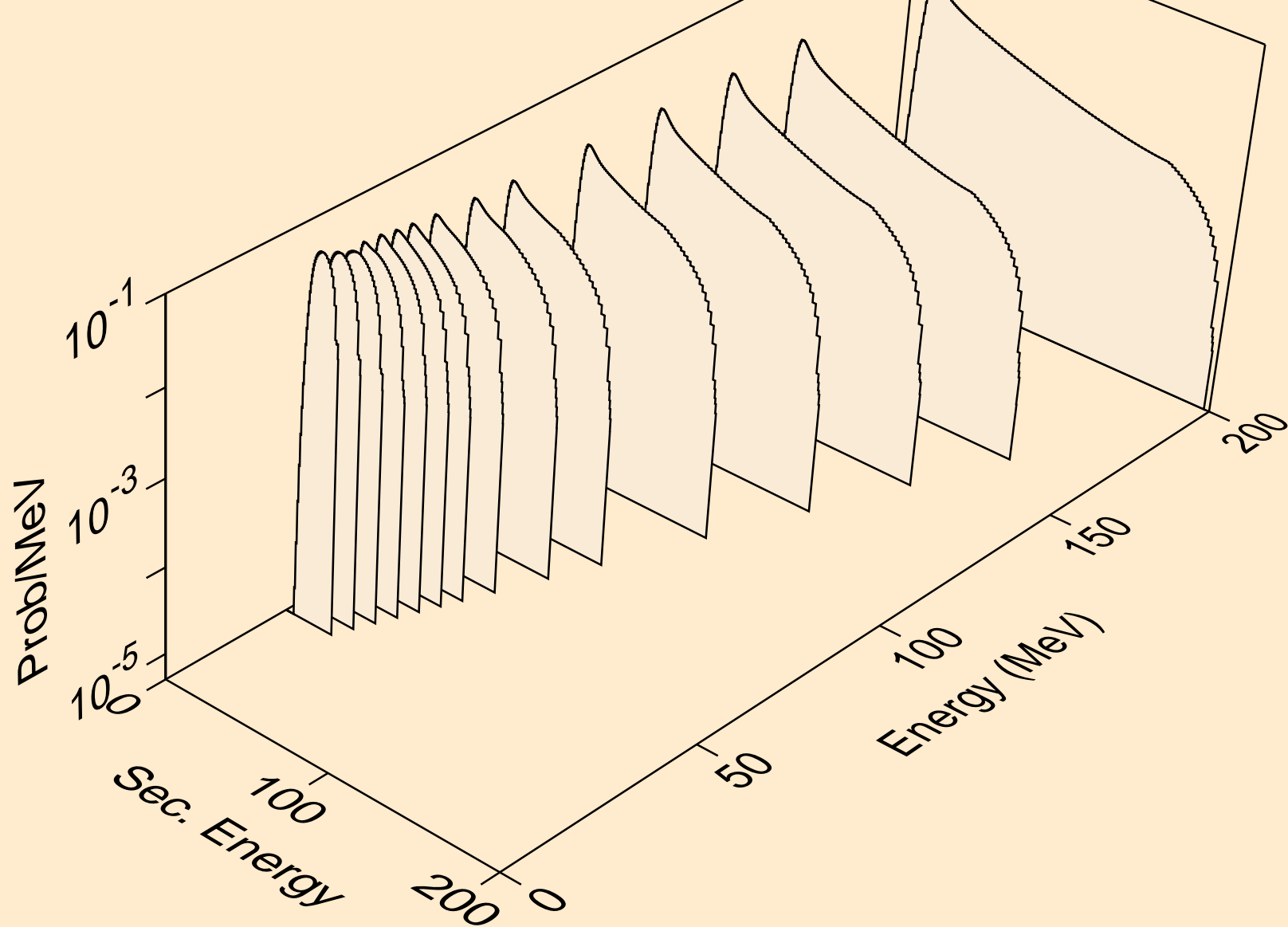
# U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Particle production cross sections

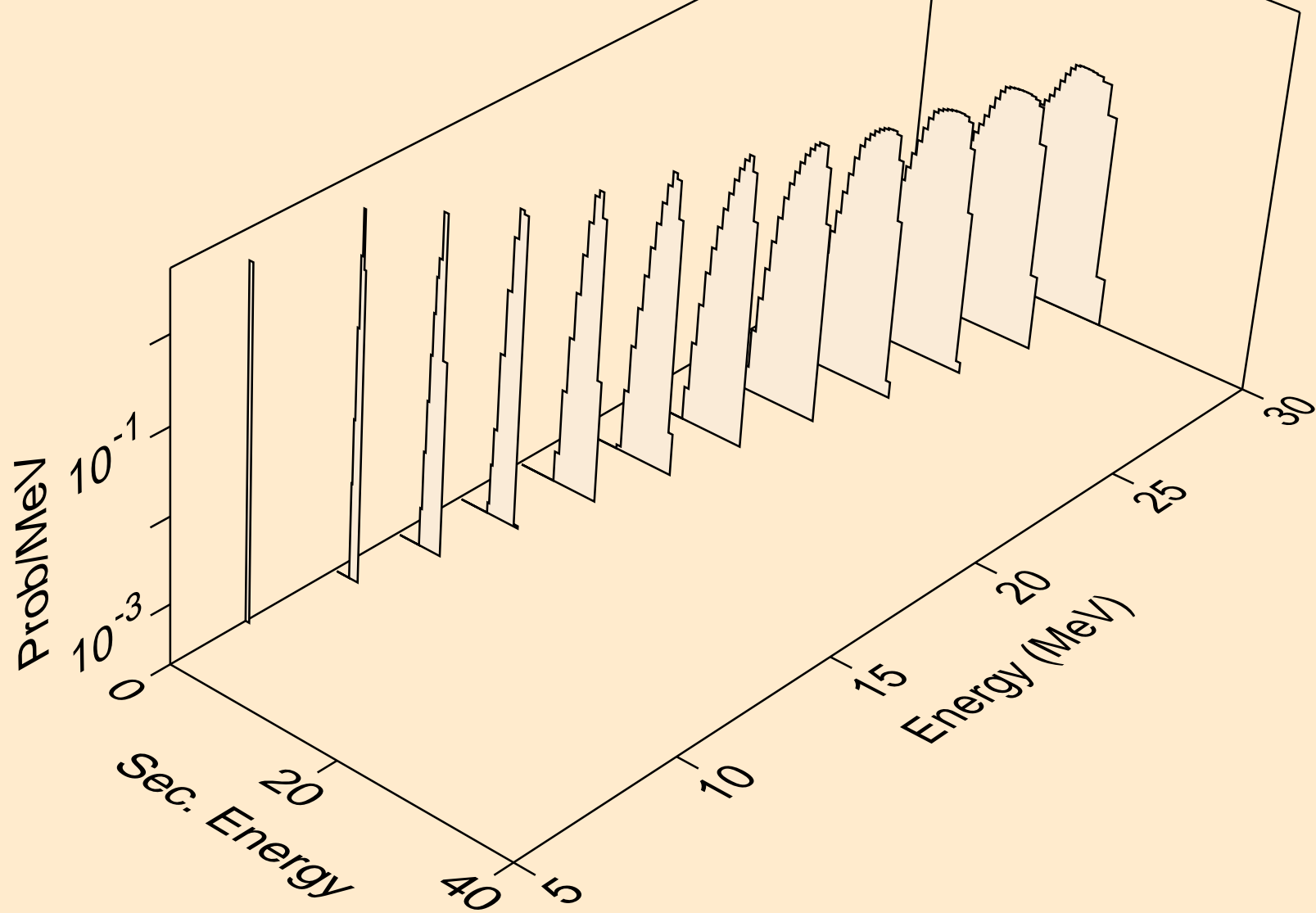




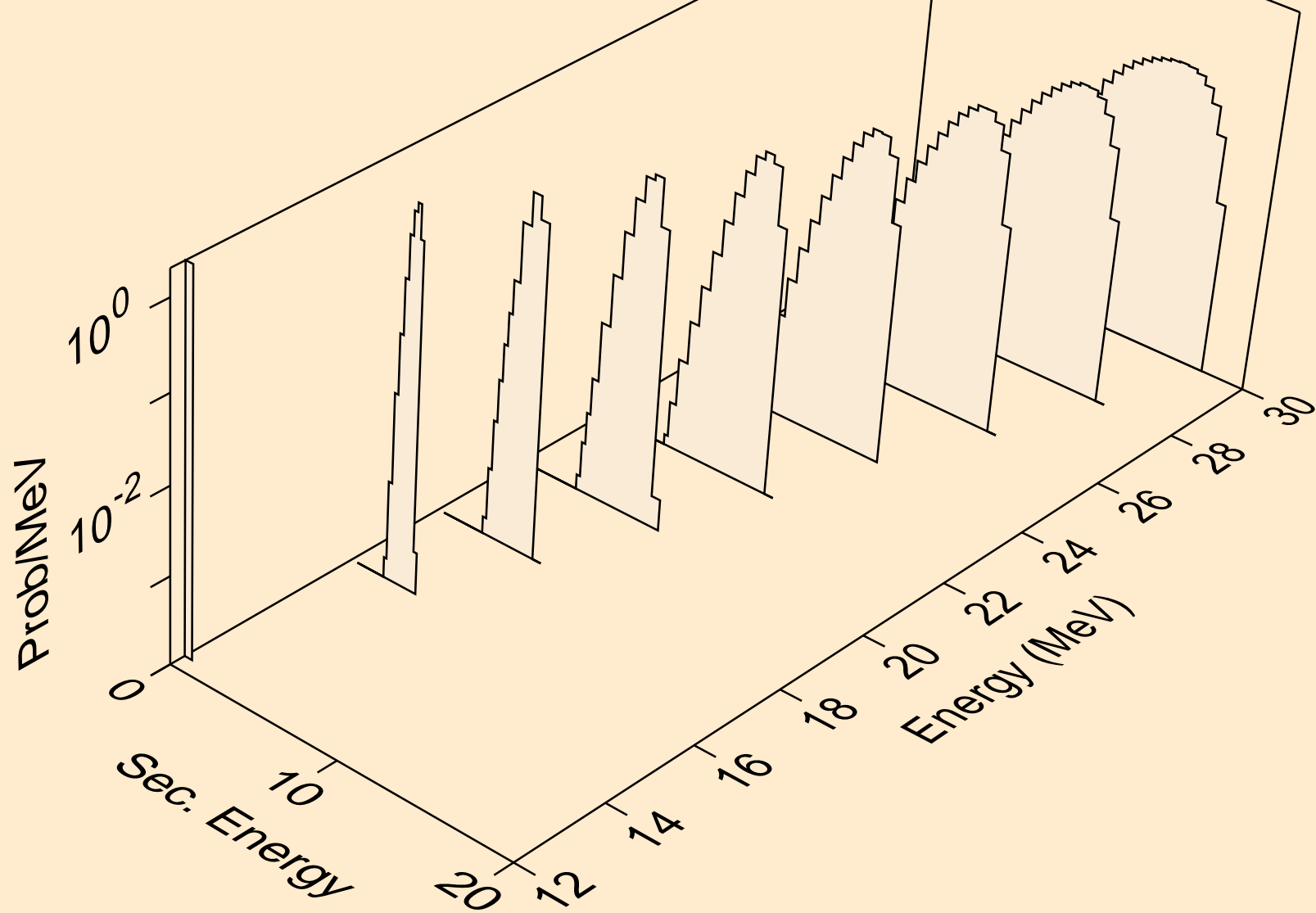
U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



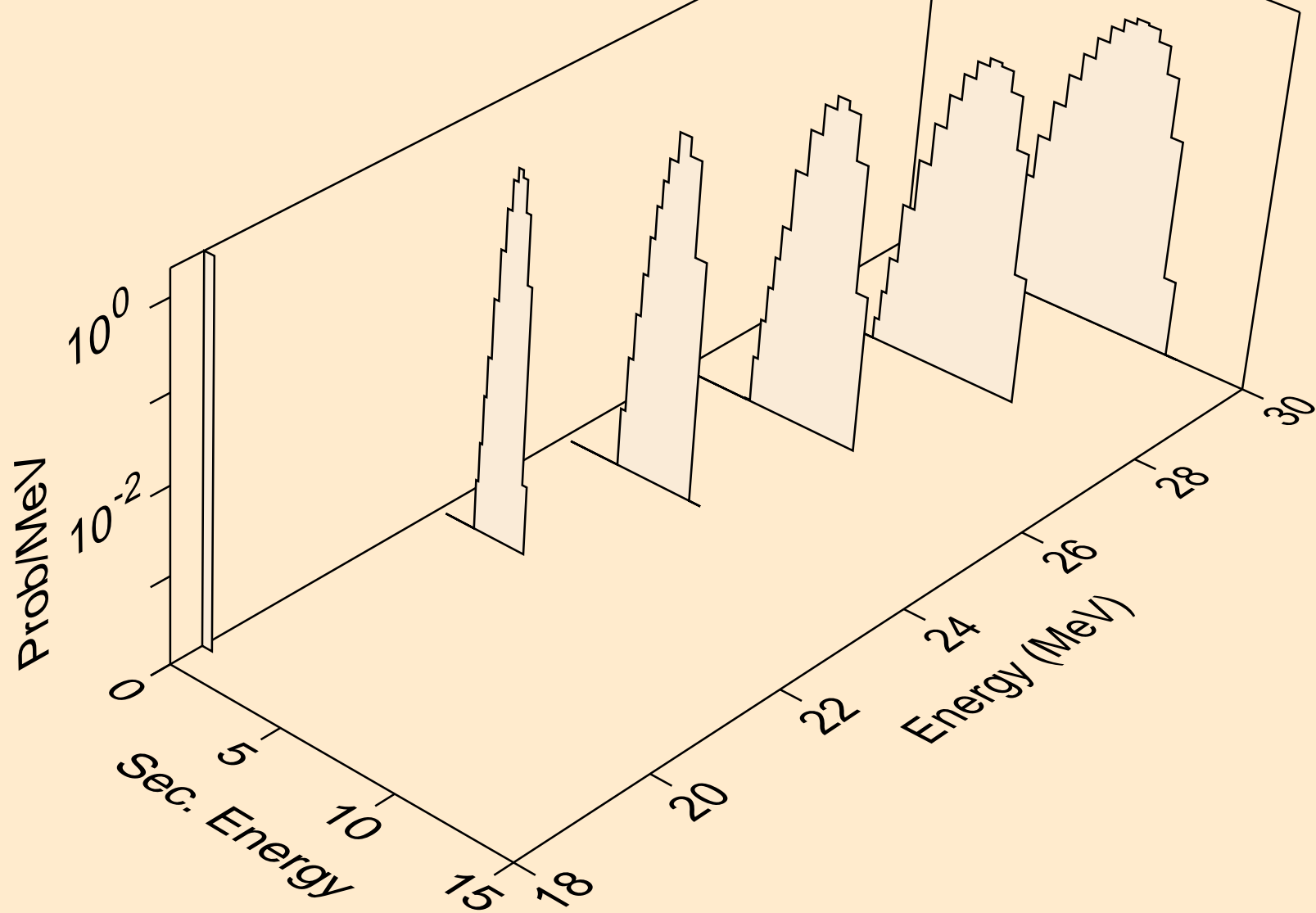
U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p



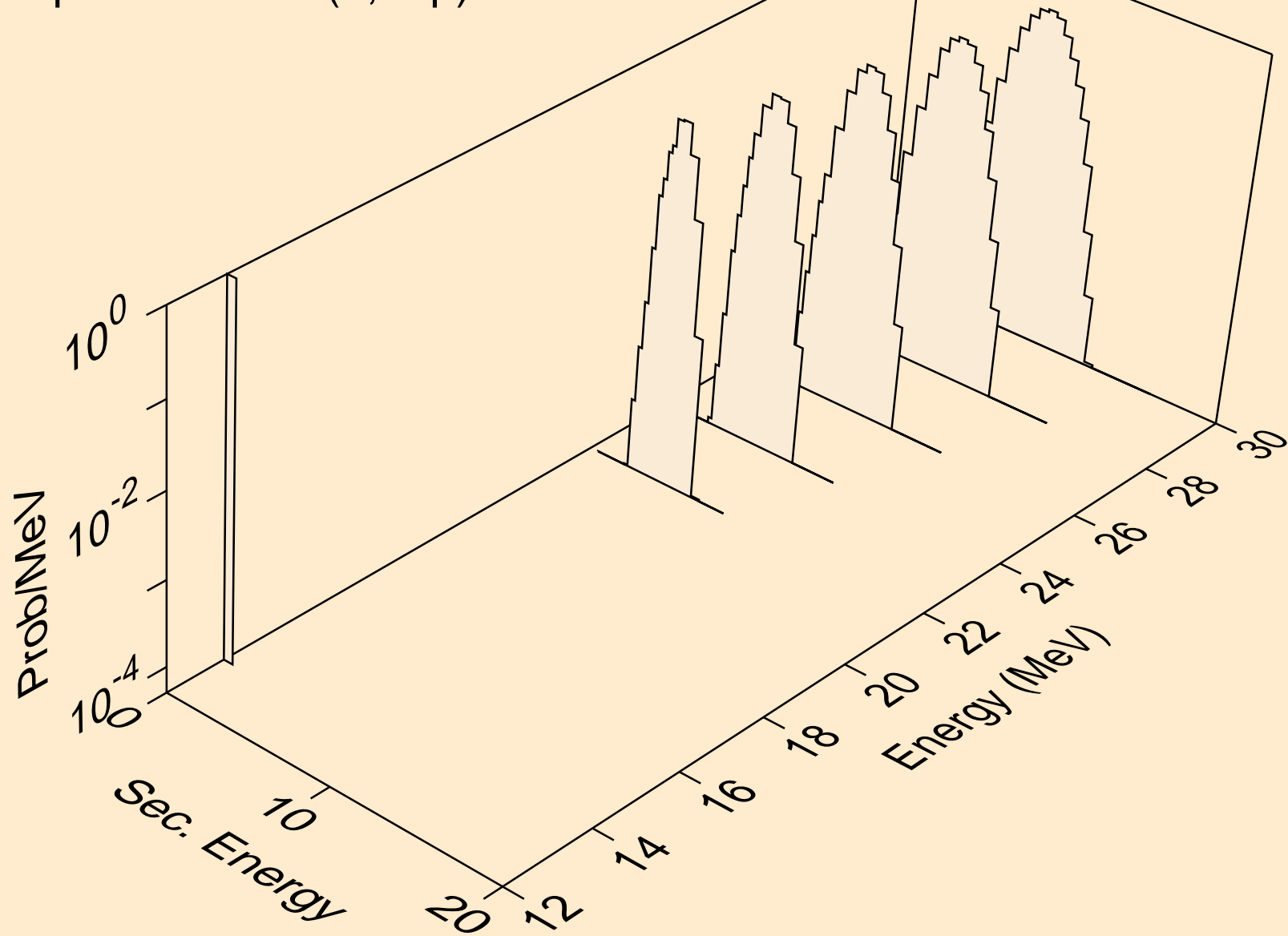
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protons from (n,2np)



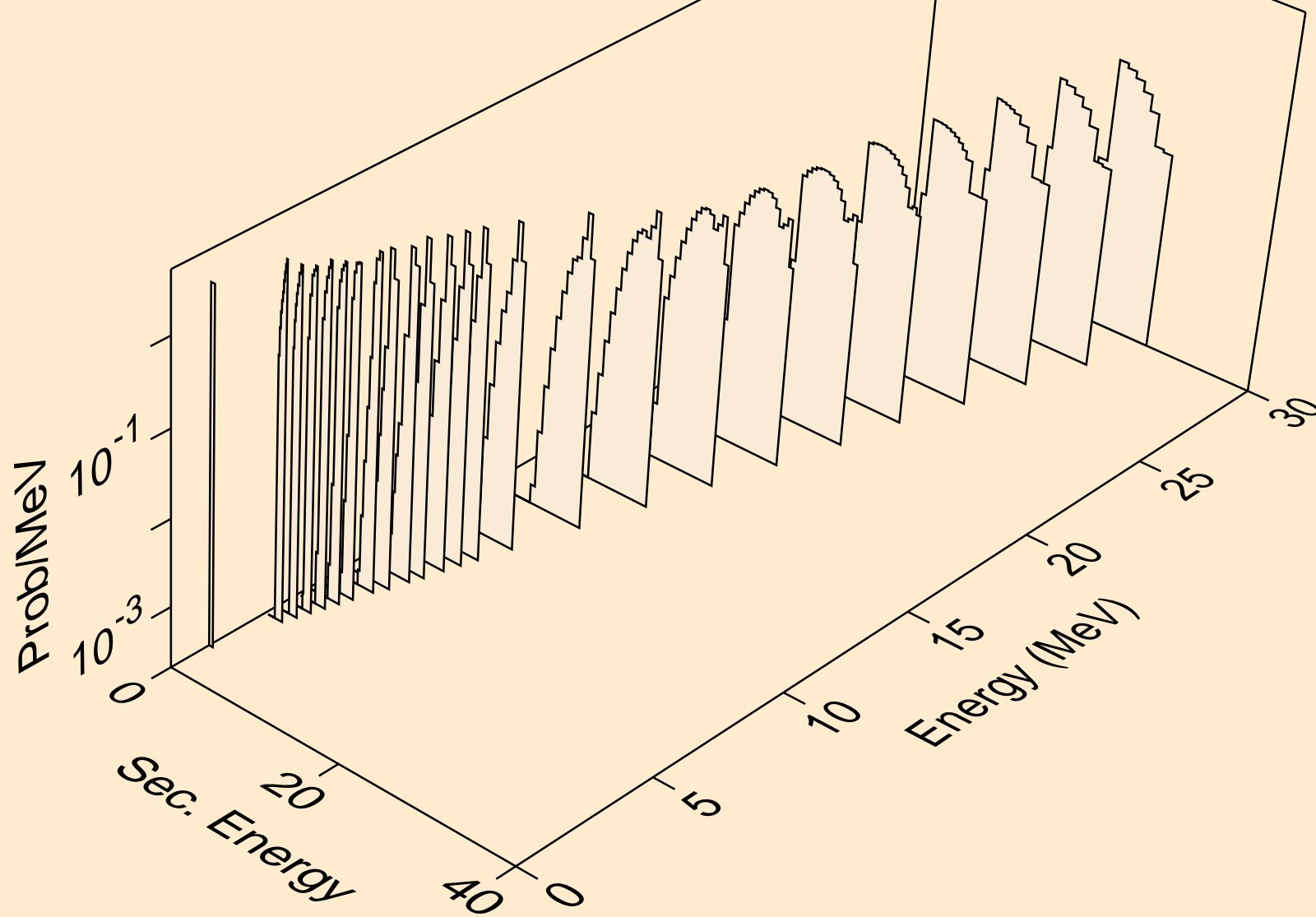
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protons from (n,3np)



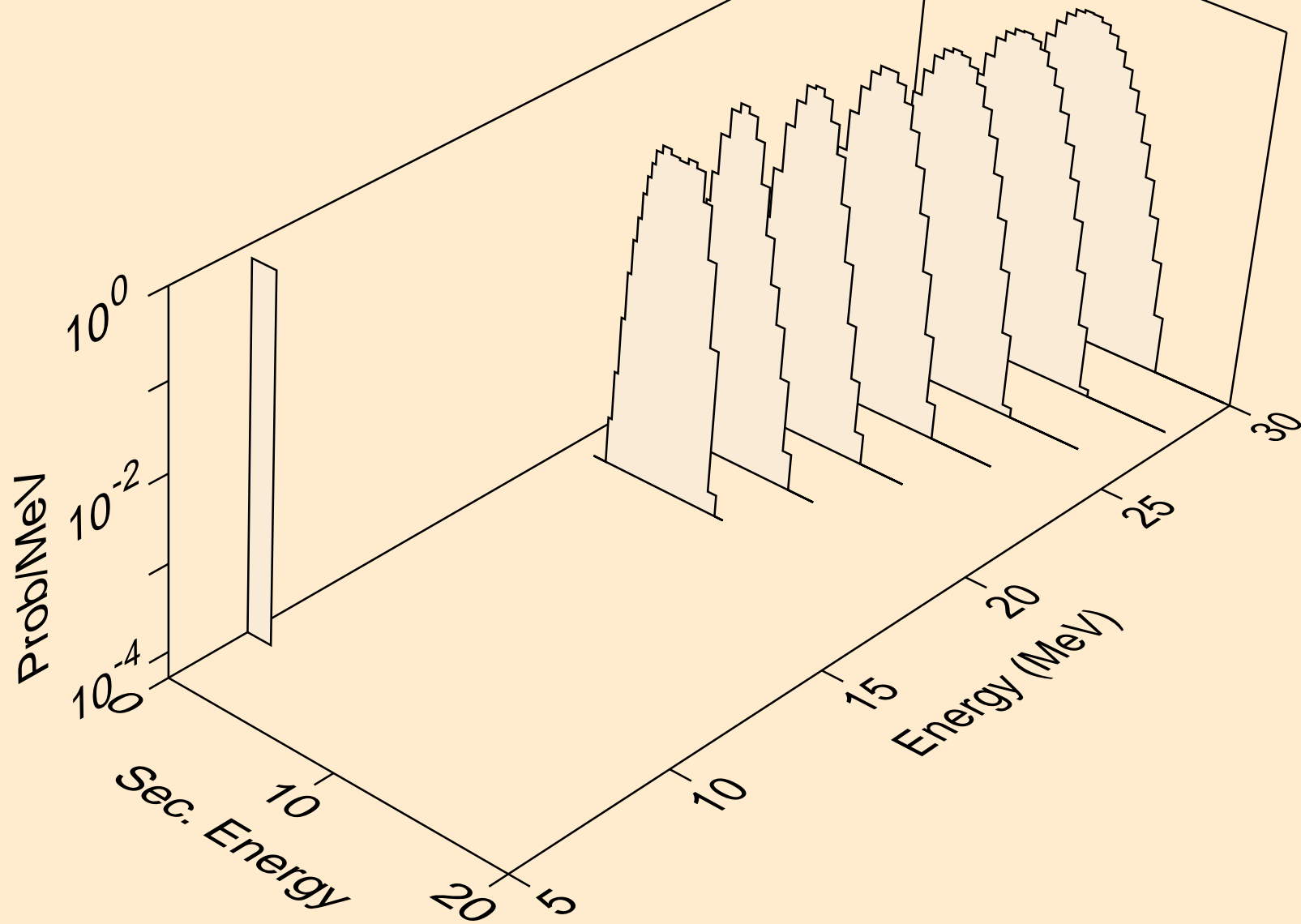
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protons from (n,n2p)



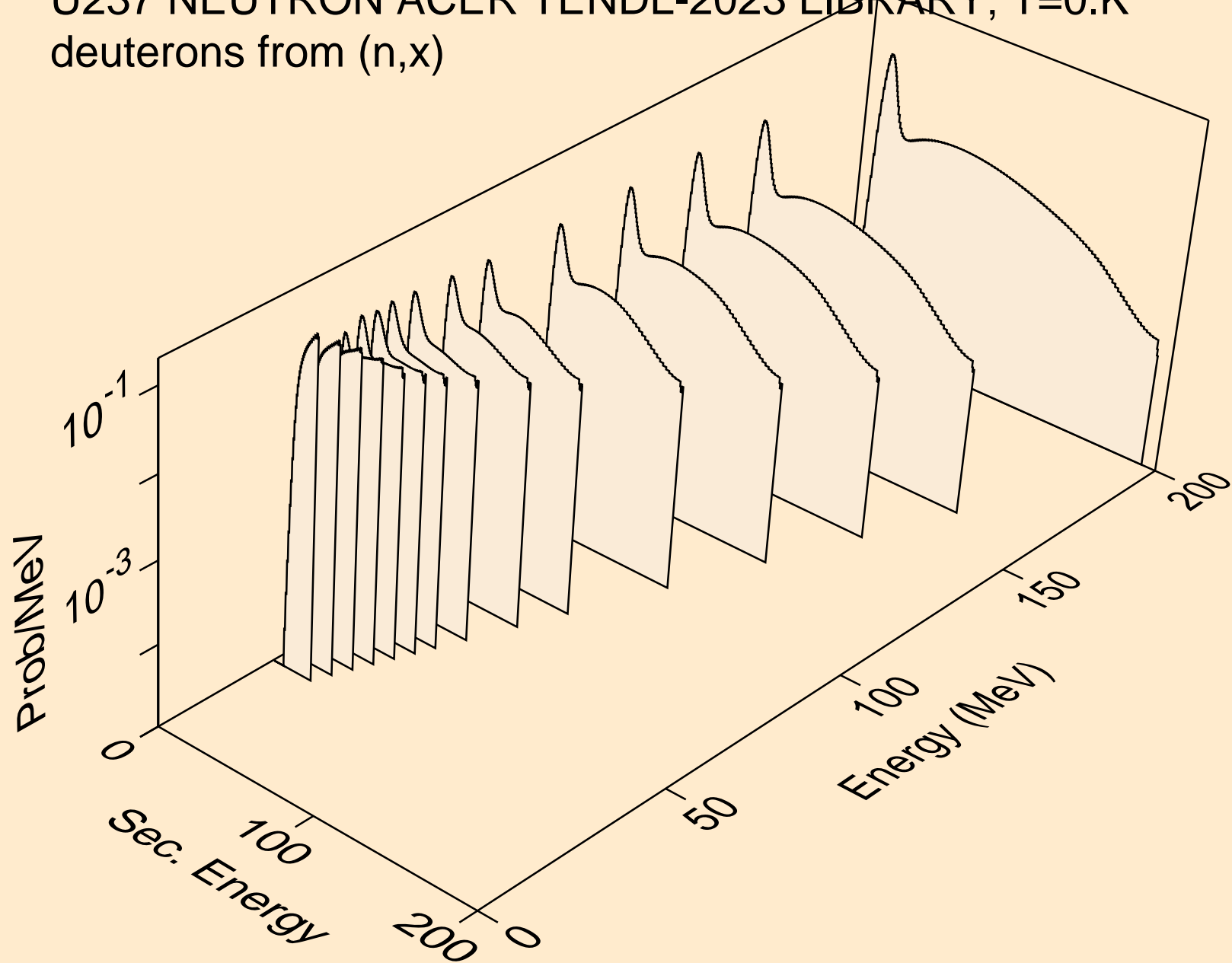
U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,p)



U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2p)

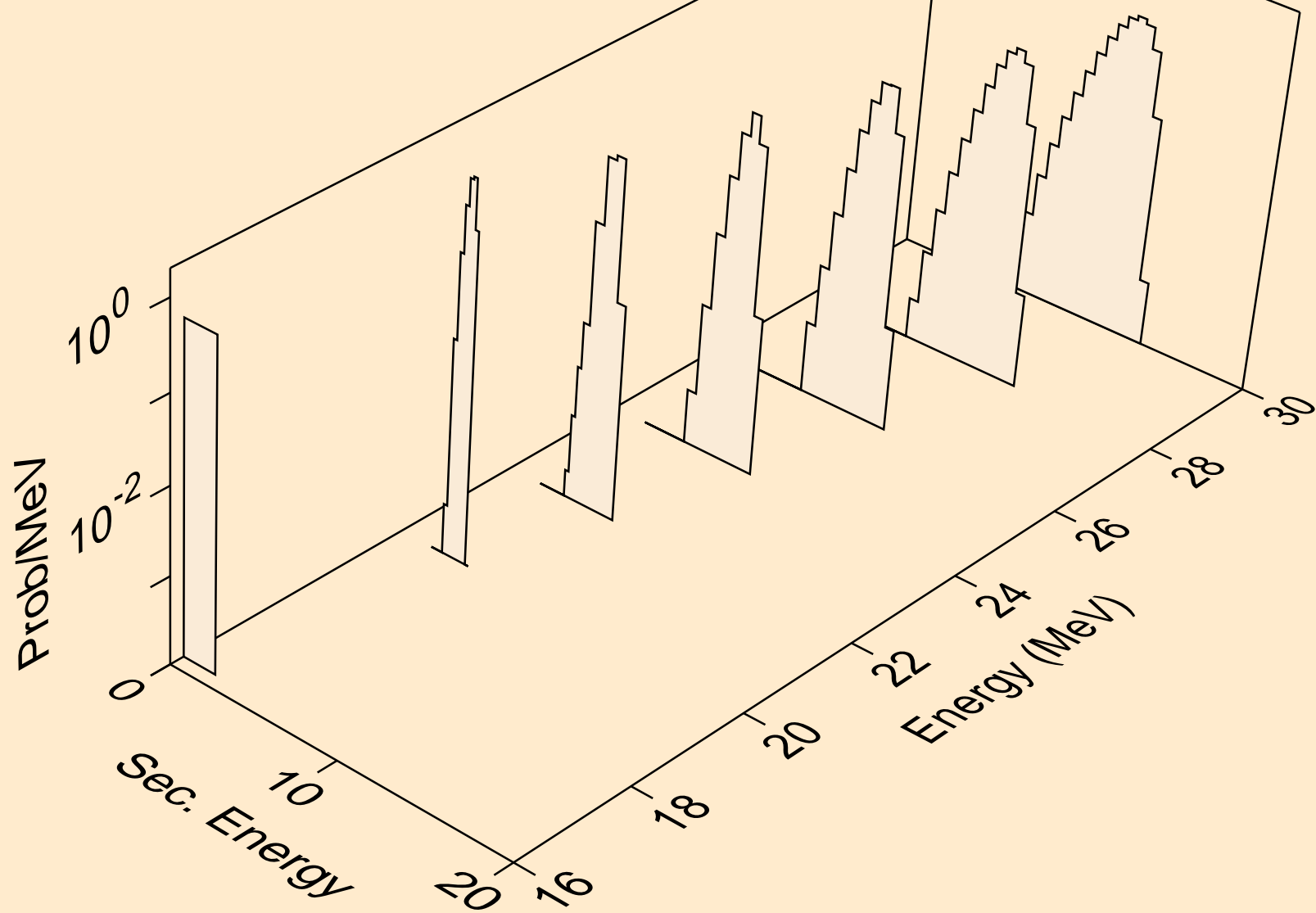


U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,x)

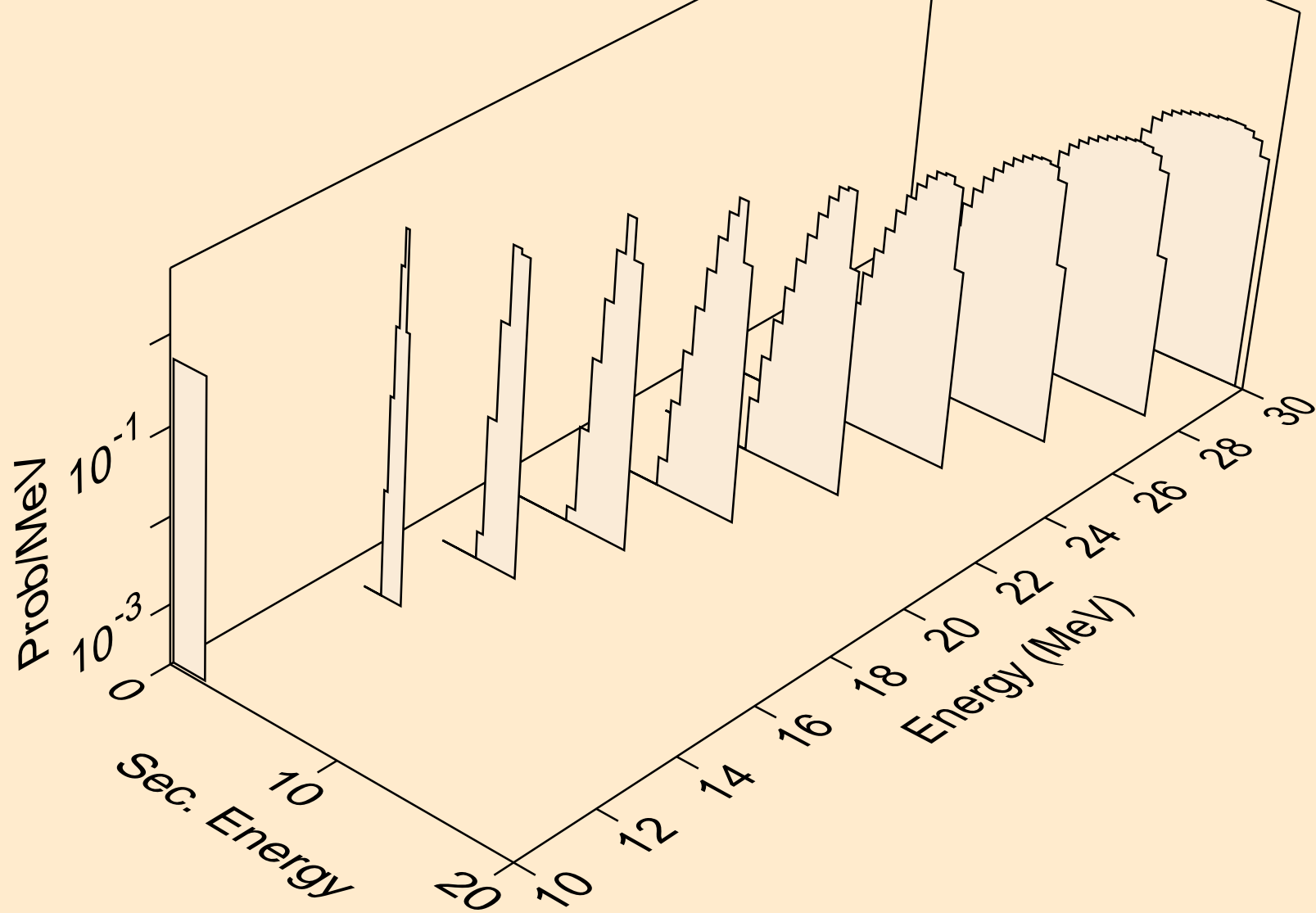




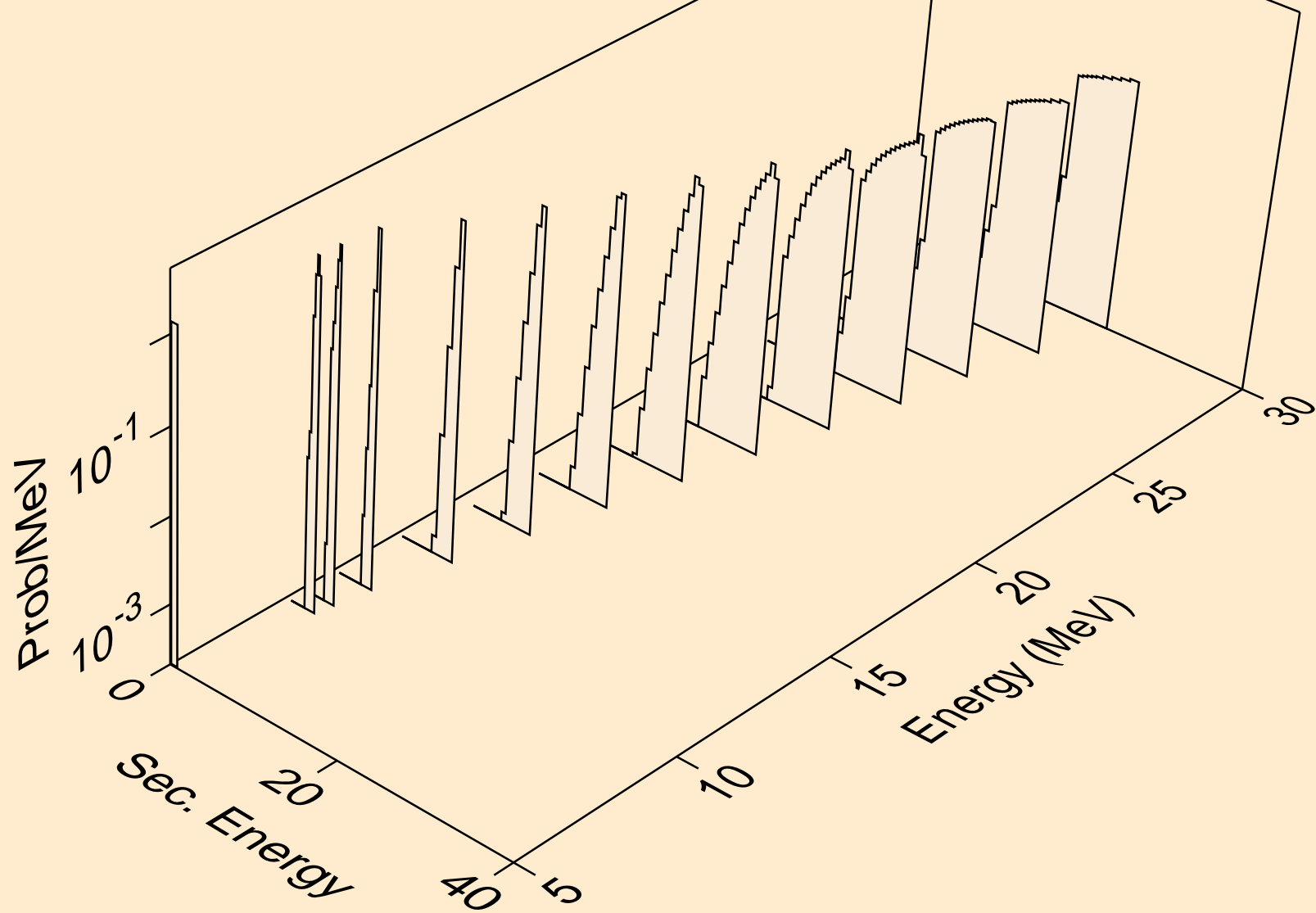
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deuterons from (n,2nd)



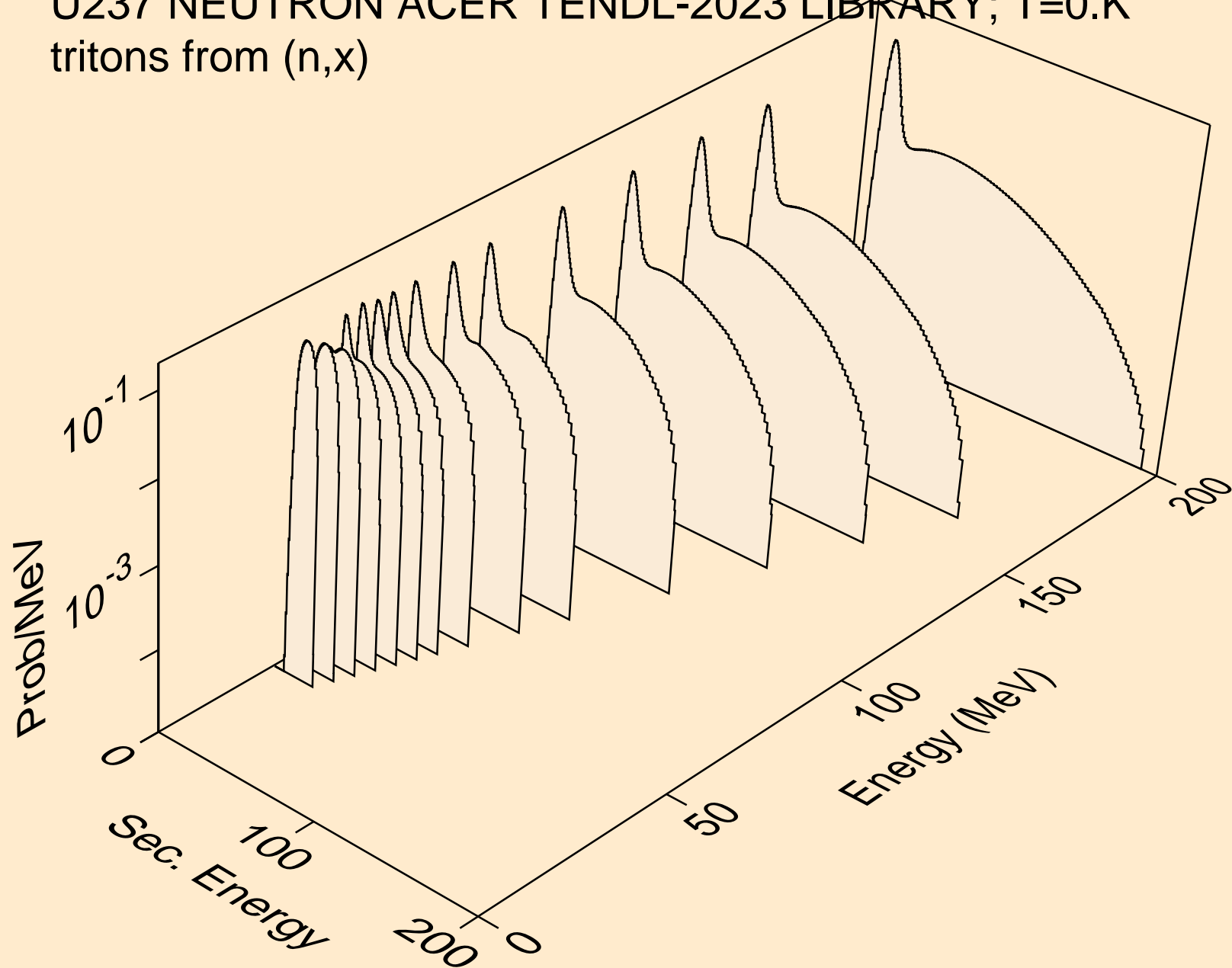
U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,n\*)d



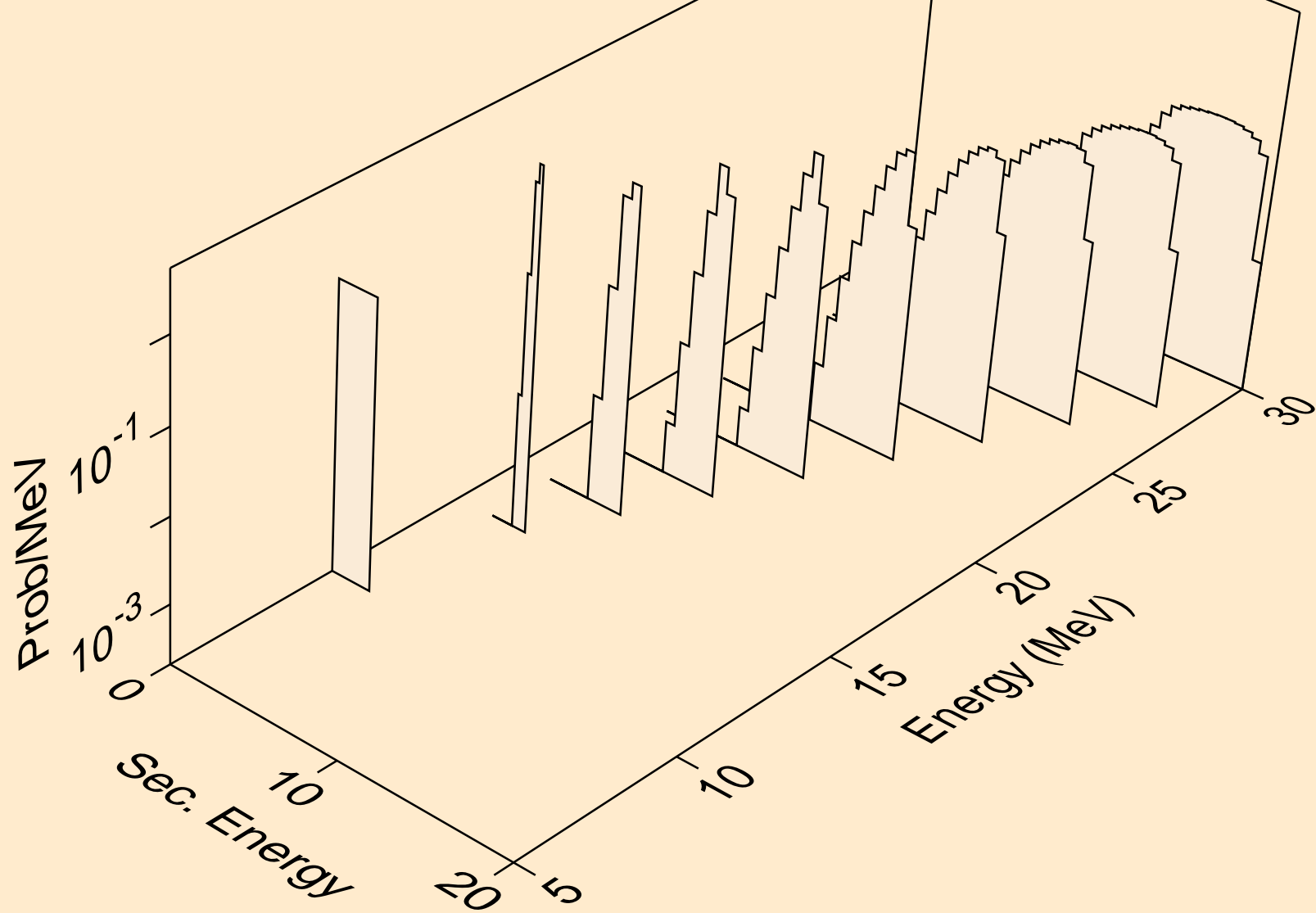
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deuterons from (n,d)



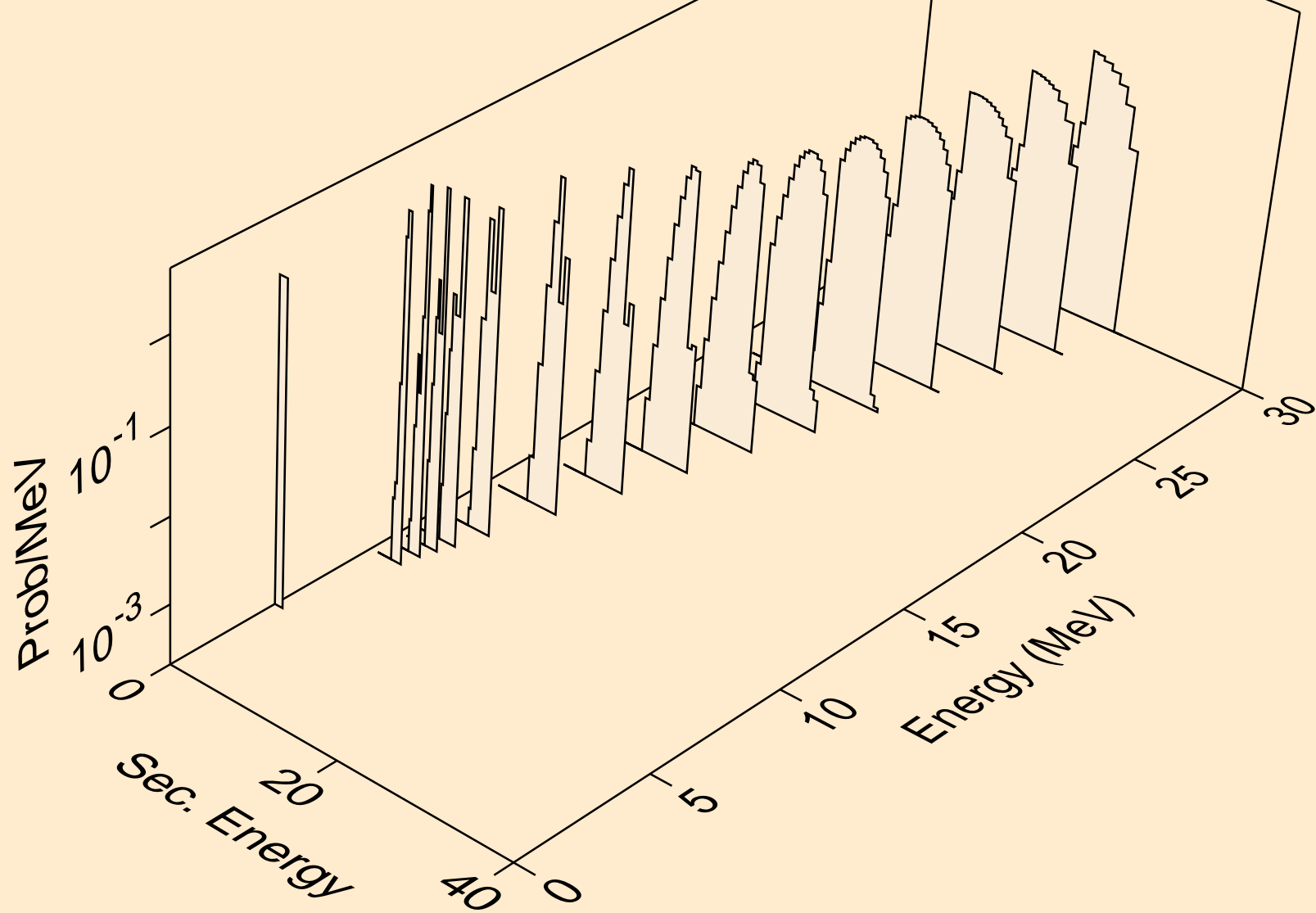
U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,x)



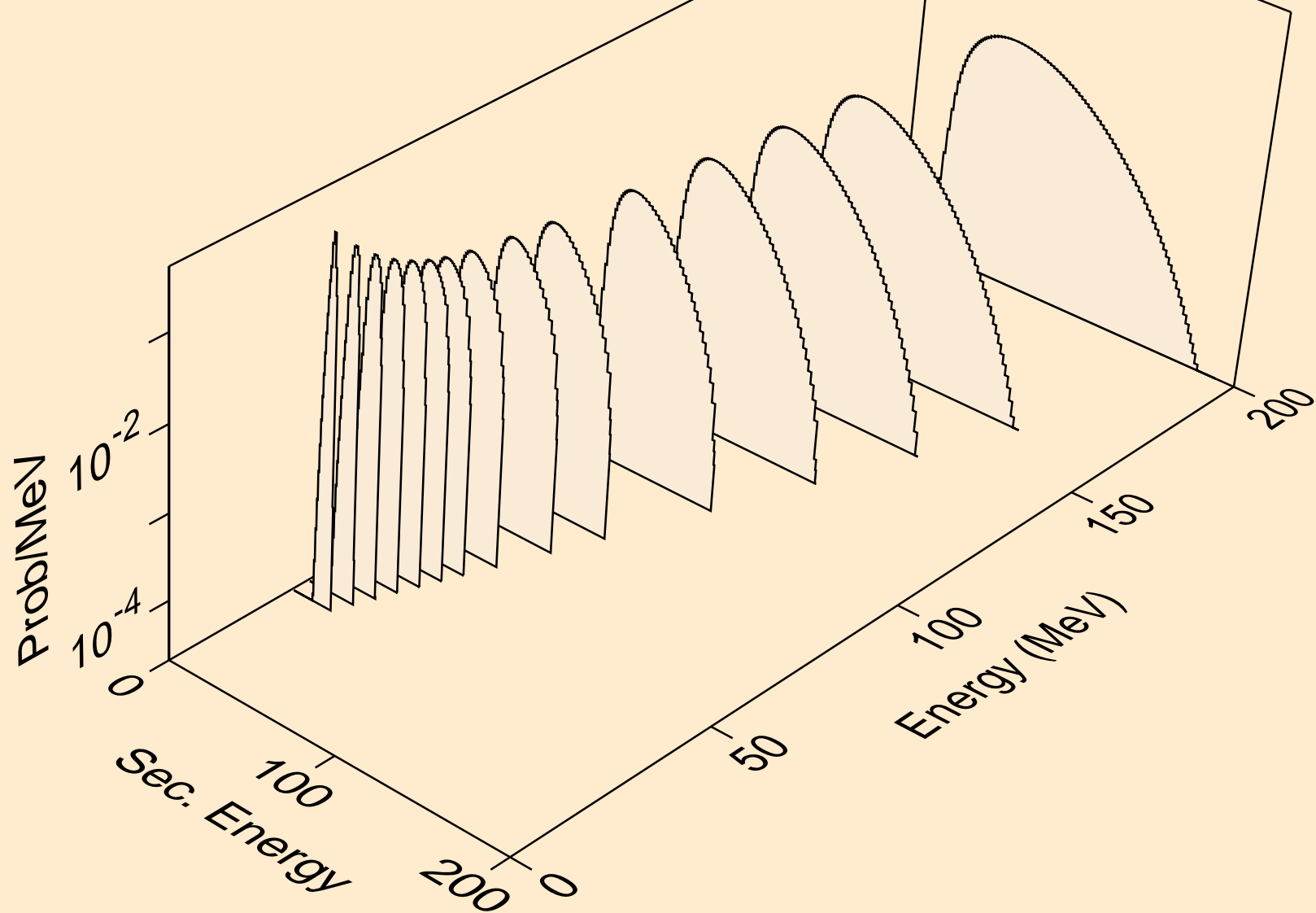
U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t



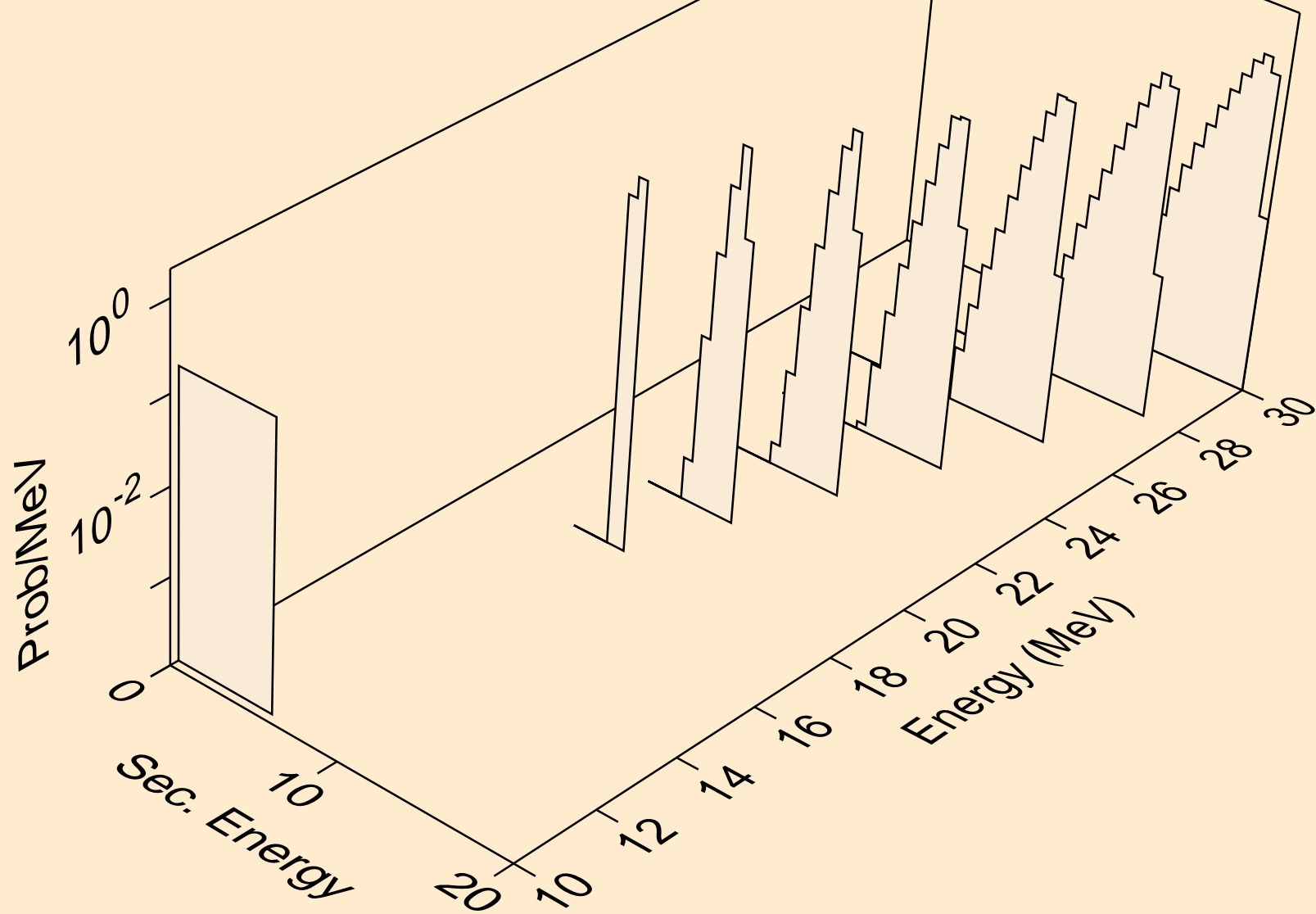
U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,t)



U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,x)

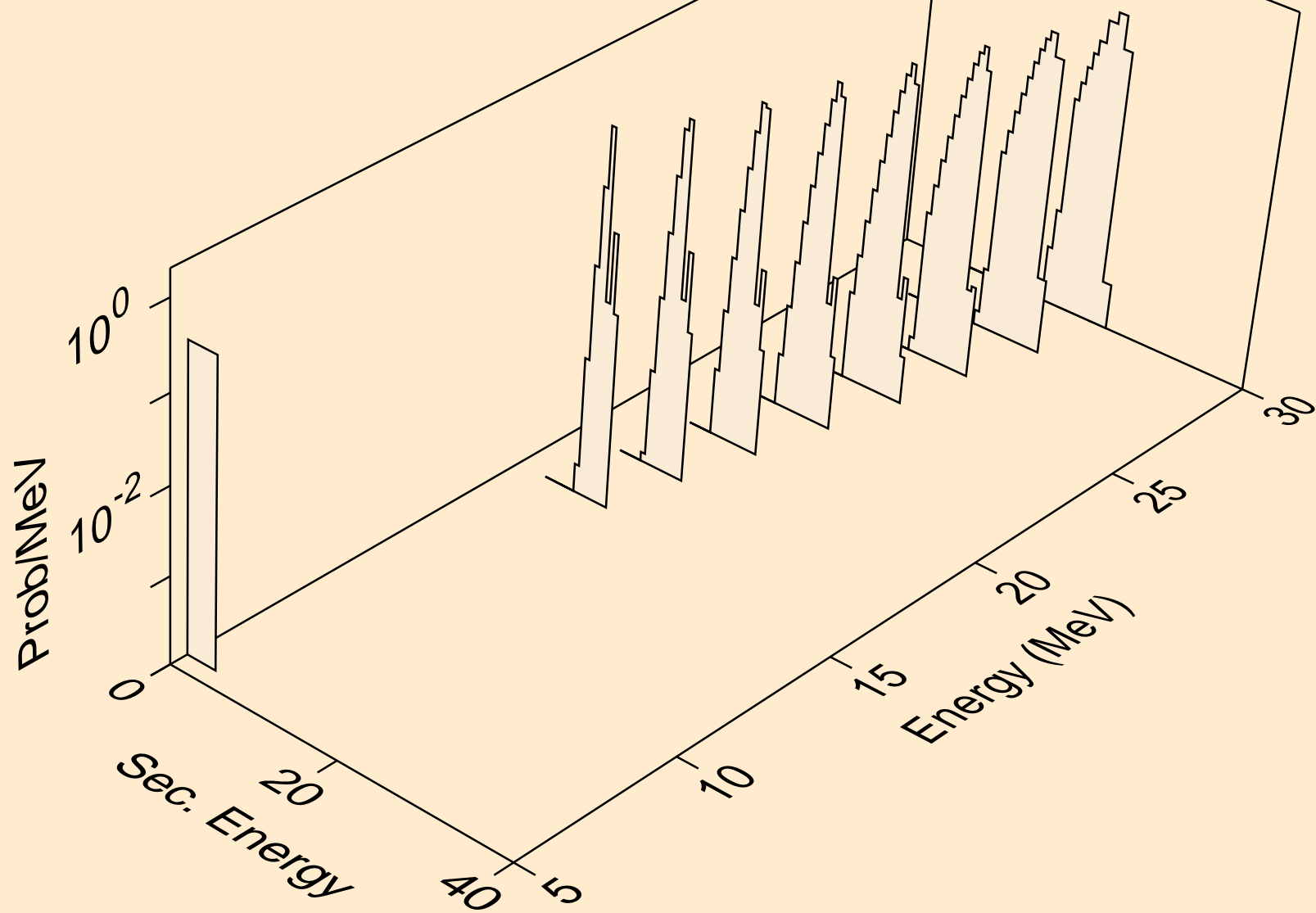


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he3s from (n,n\*)he3

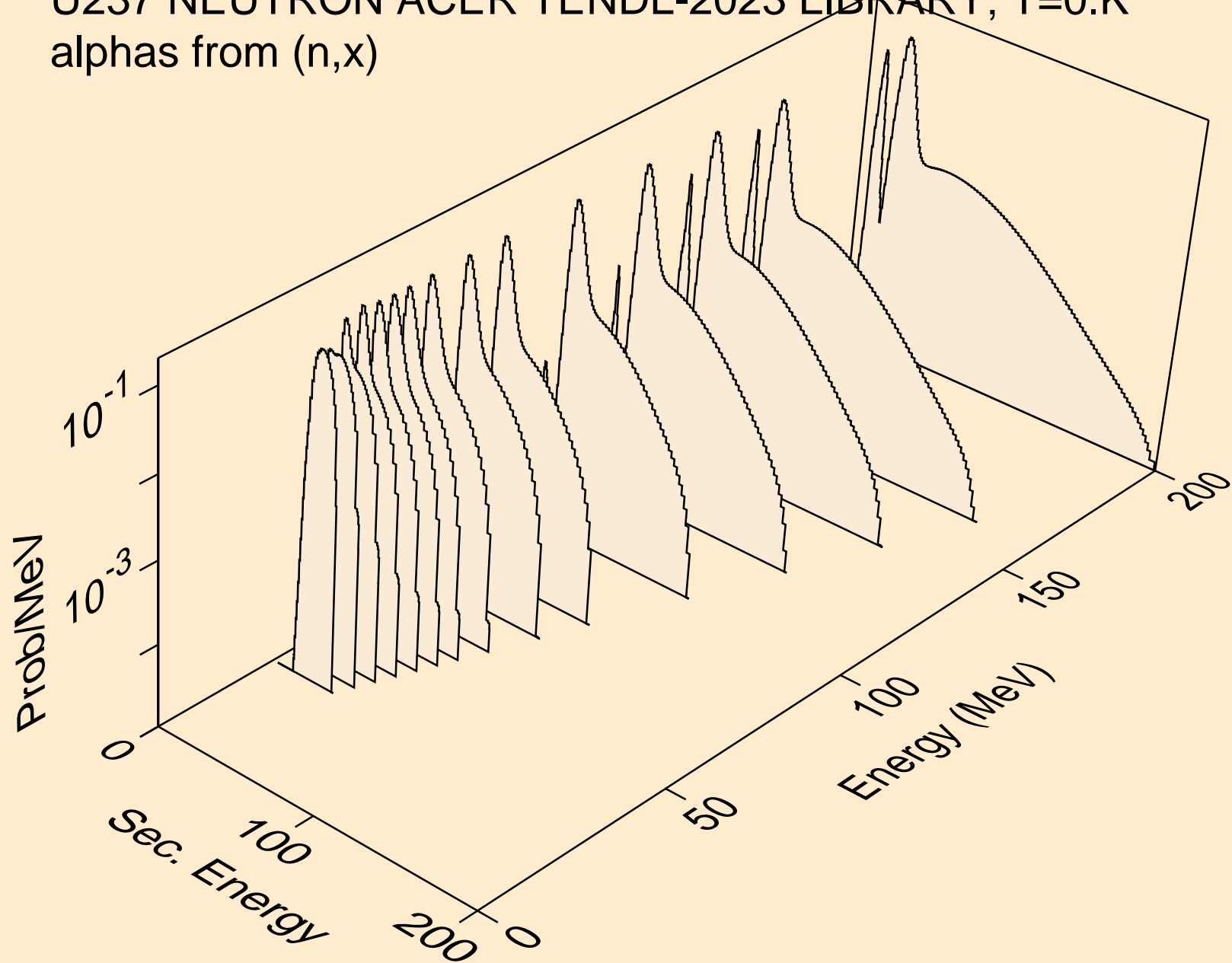




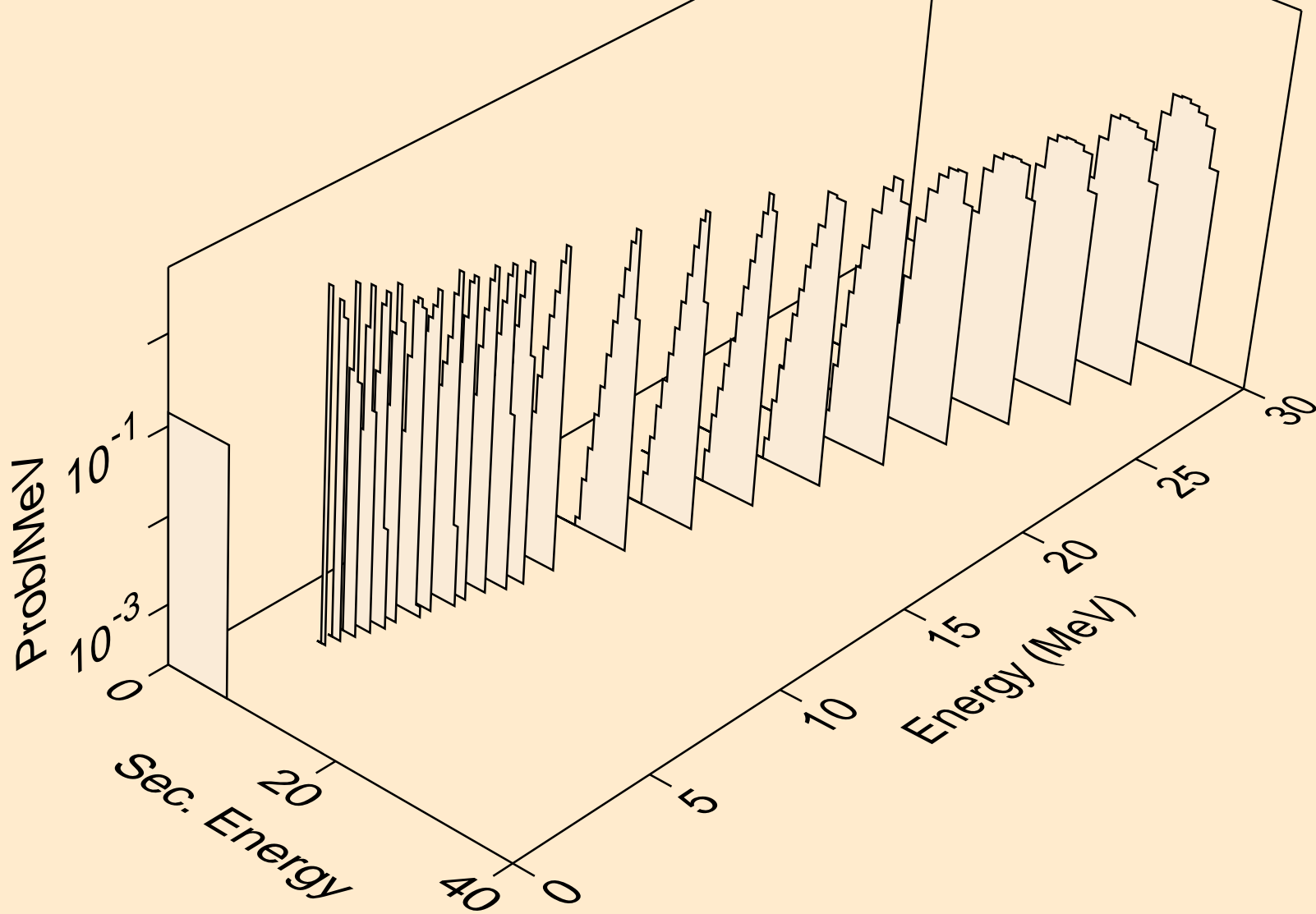
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he3s from (n,he3)



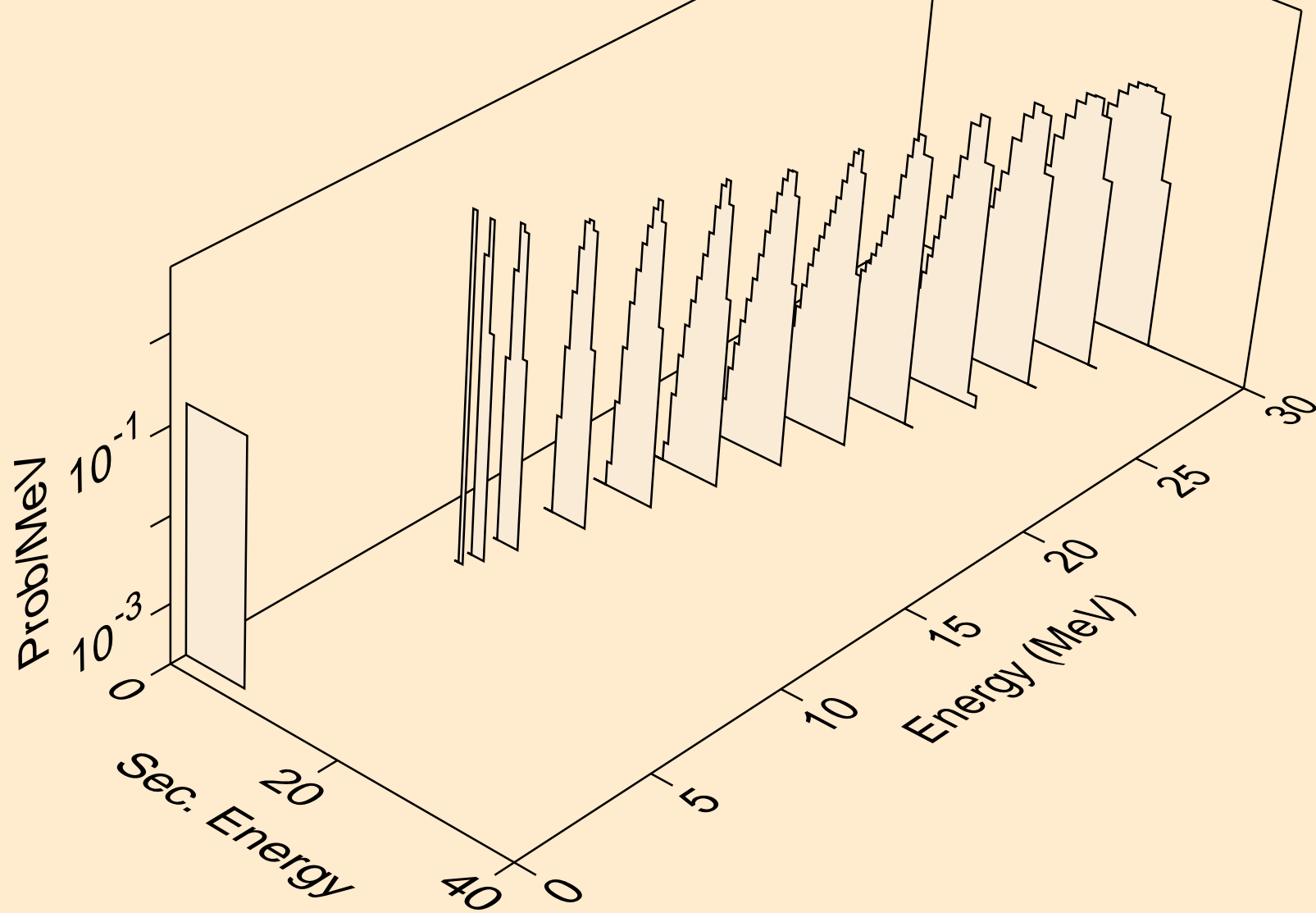
U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



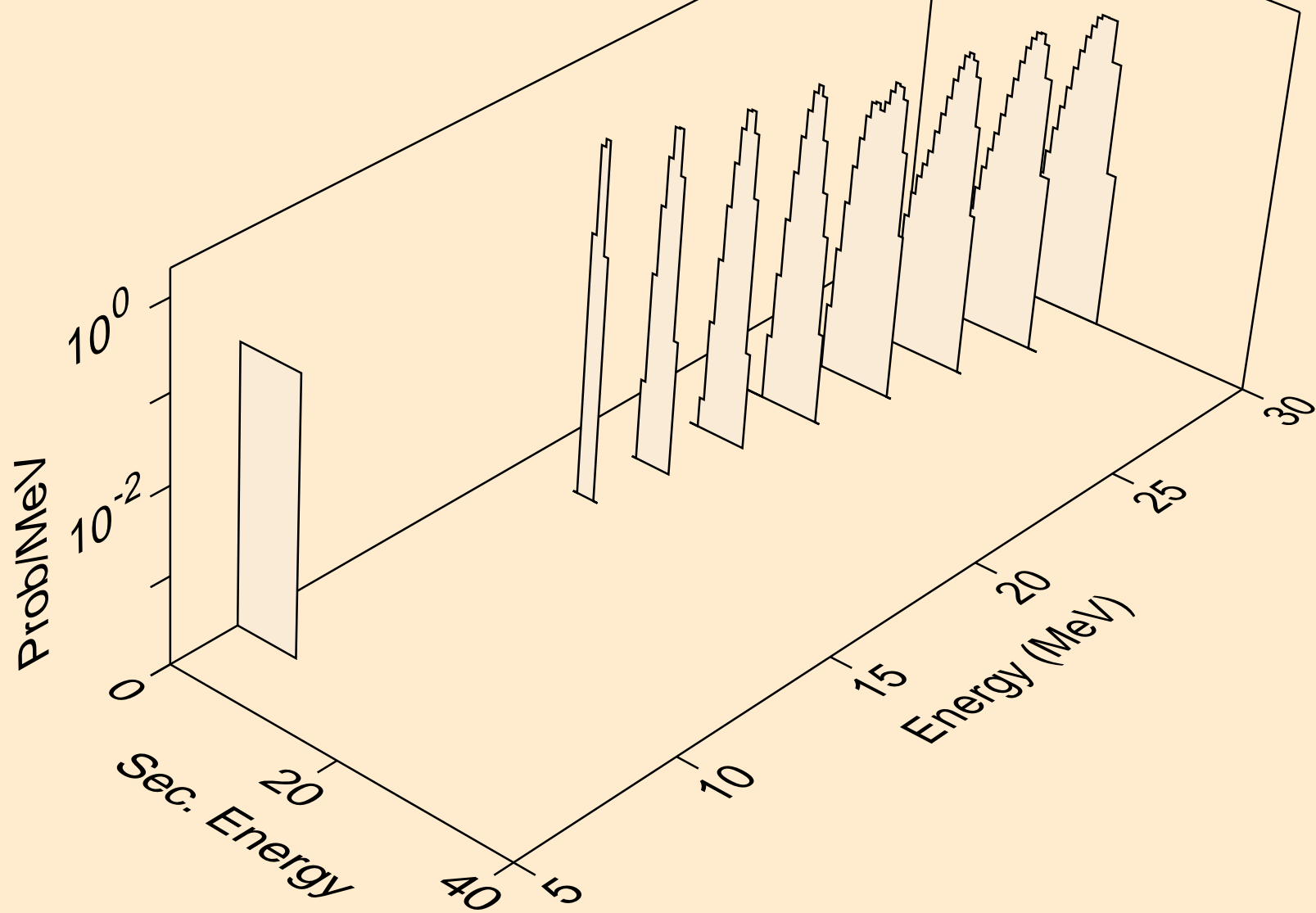
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alphas from (n,n\*)a



U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a



U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3n)a



U237 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)

