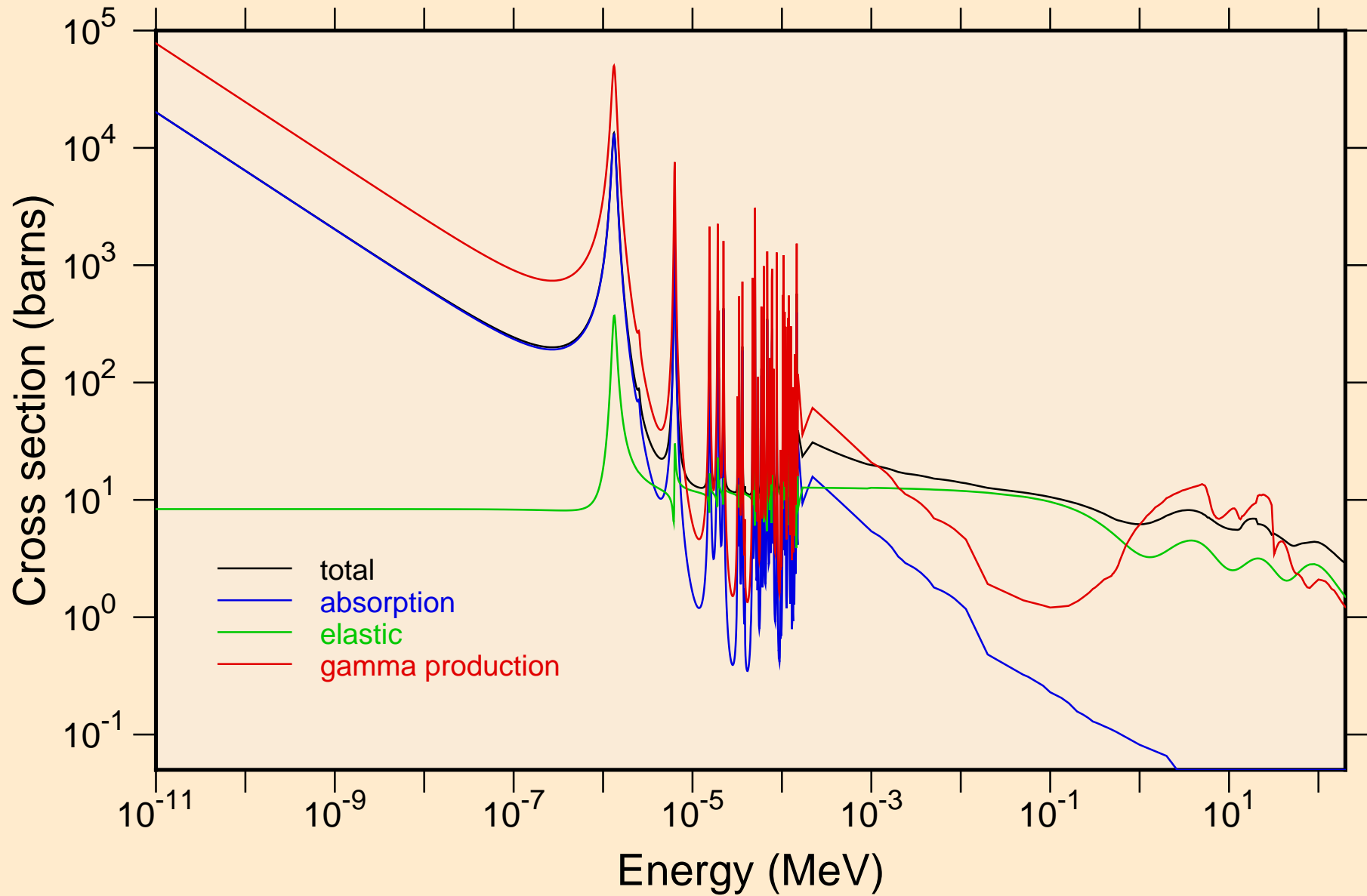
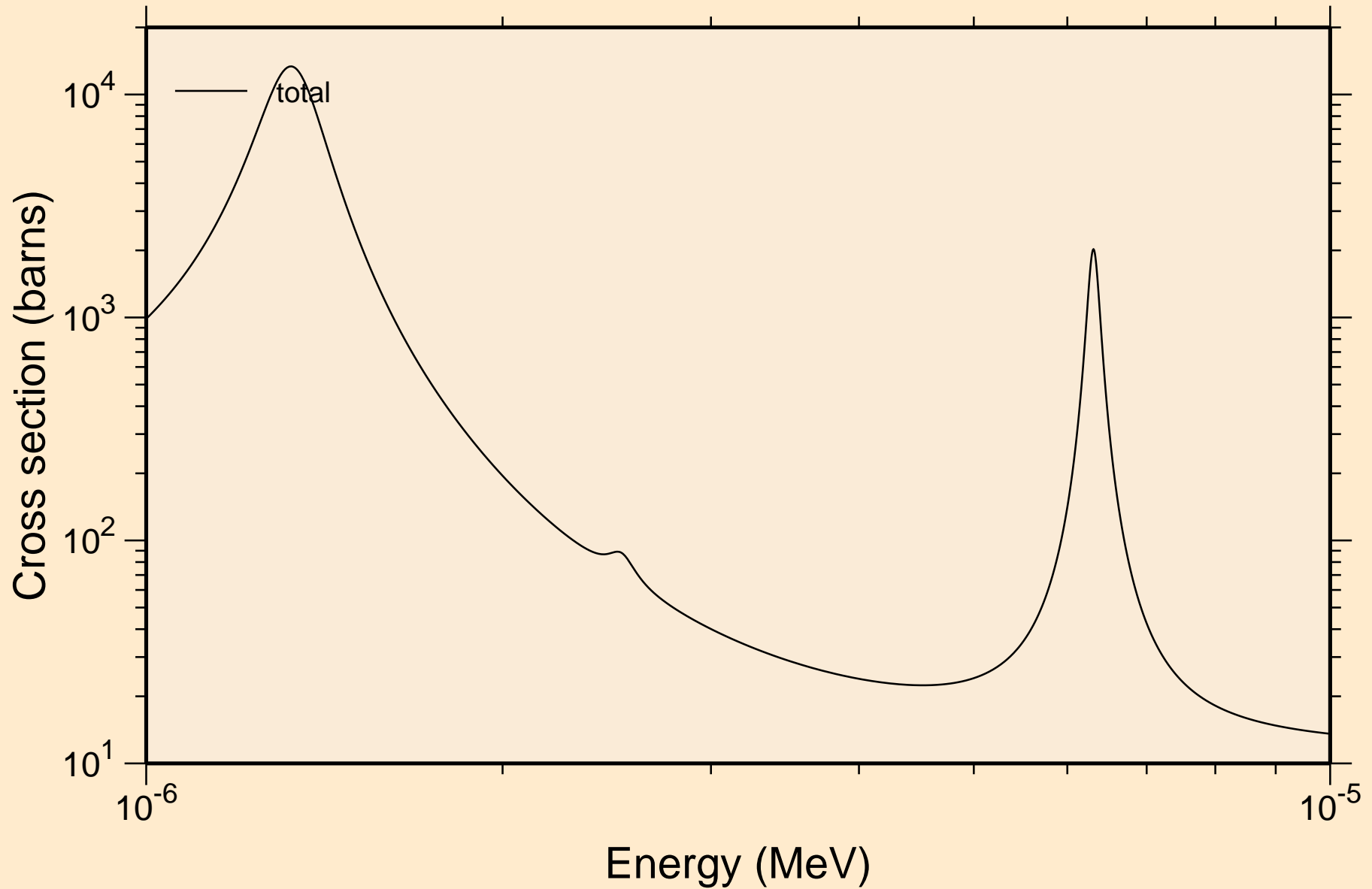


# U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

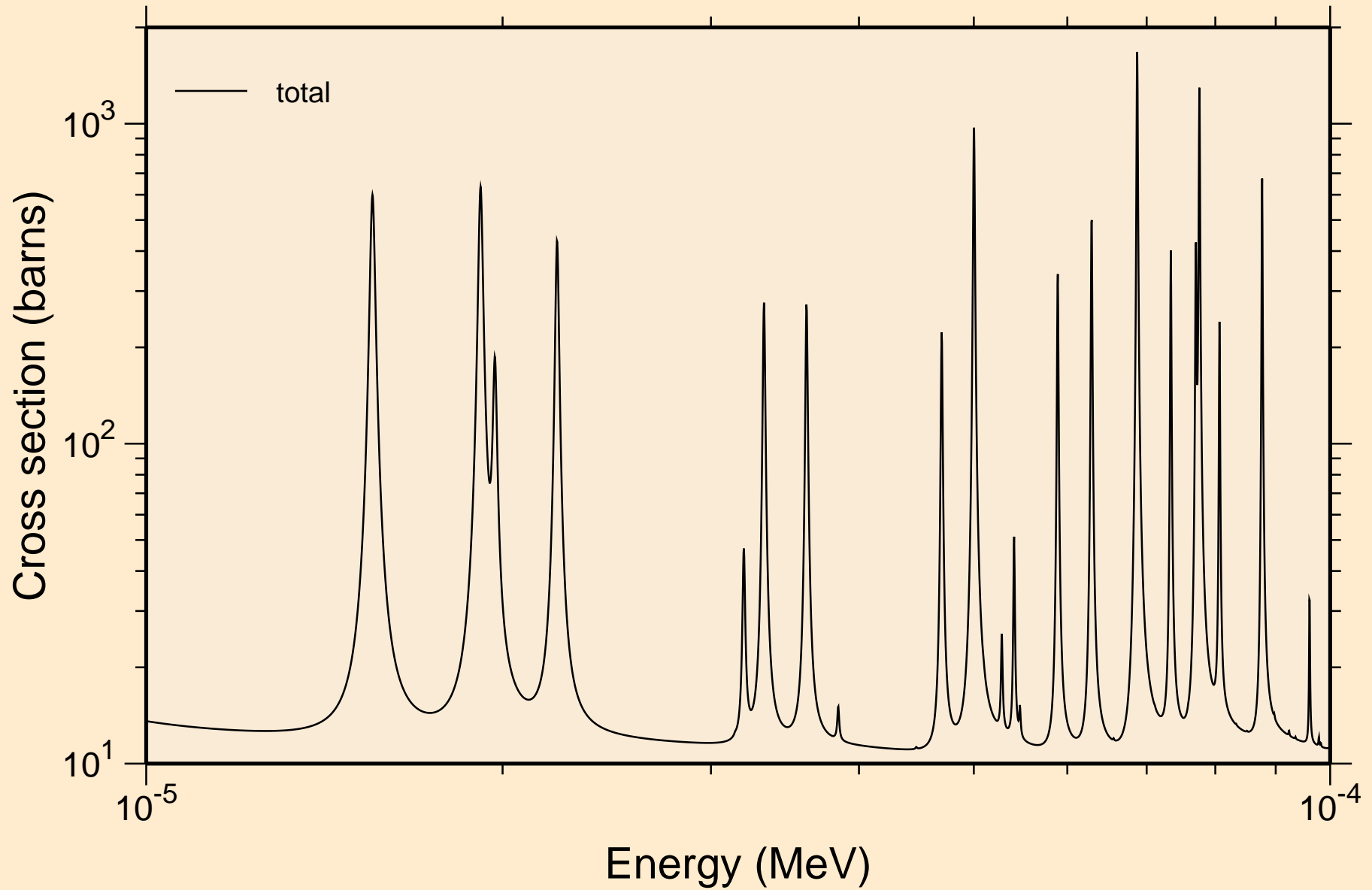
## Principal cross sections



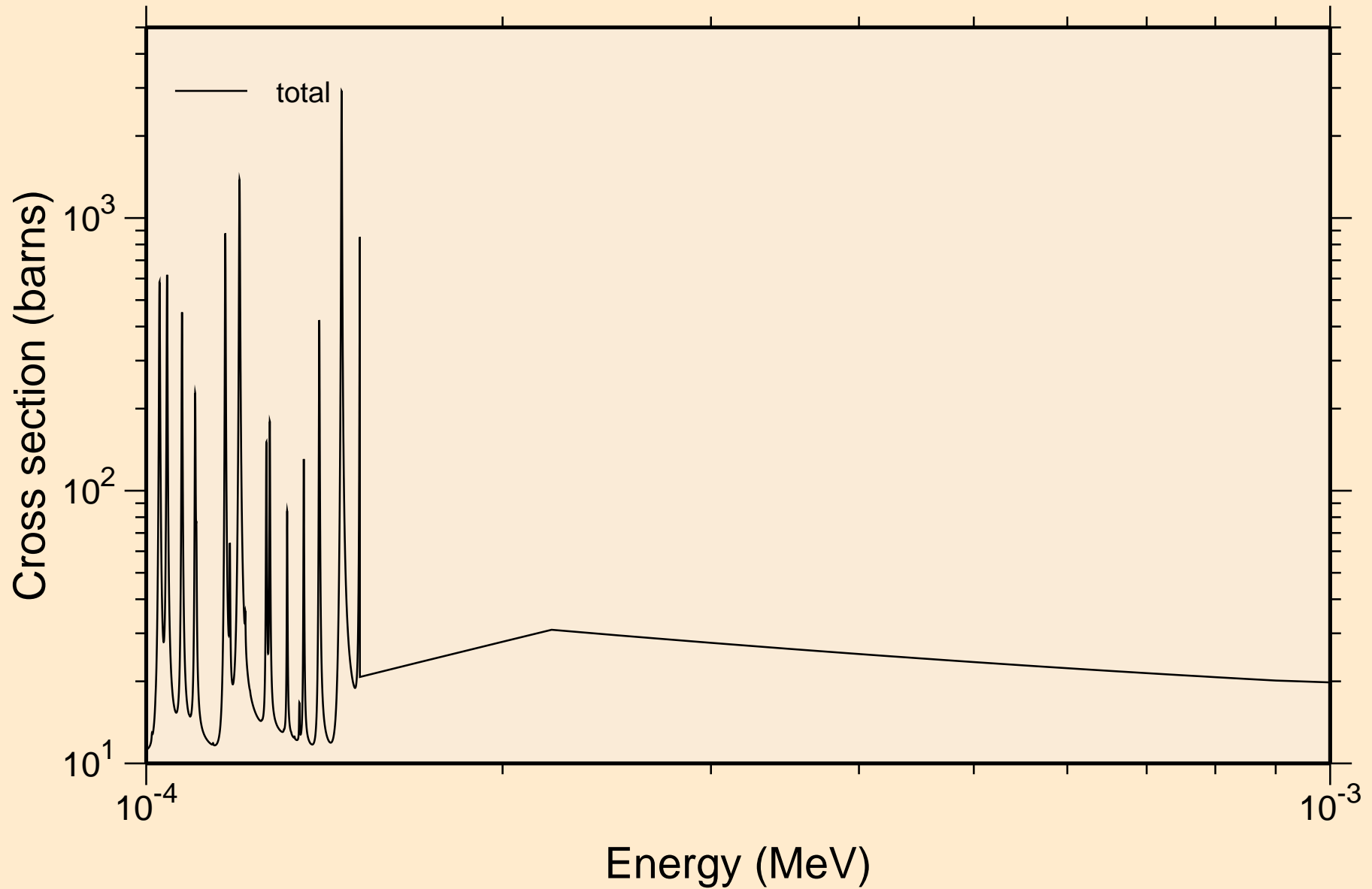
U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



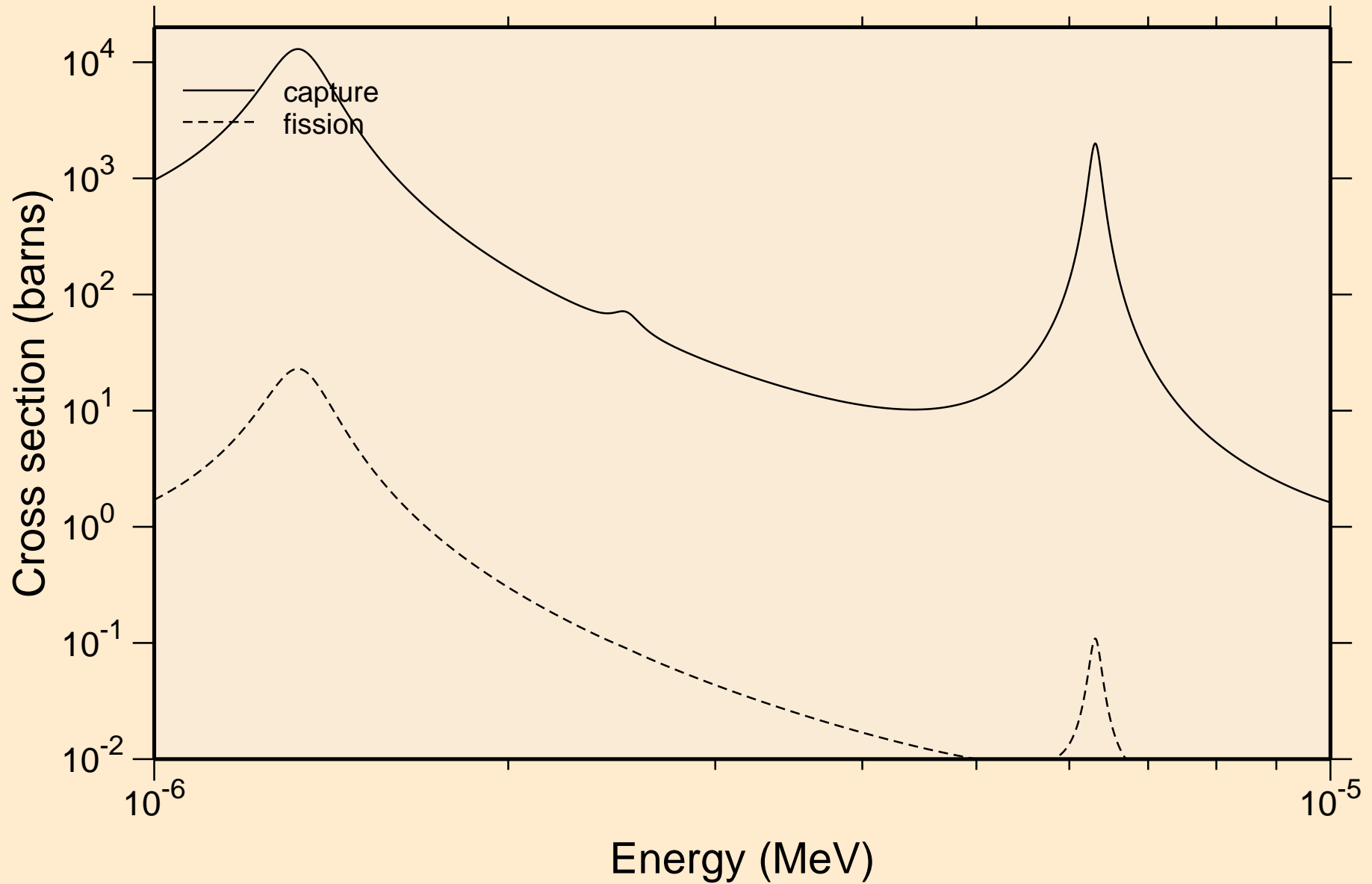
U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



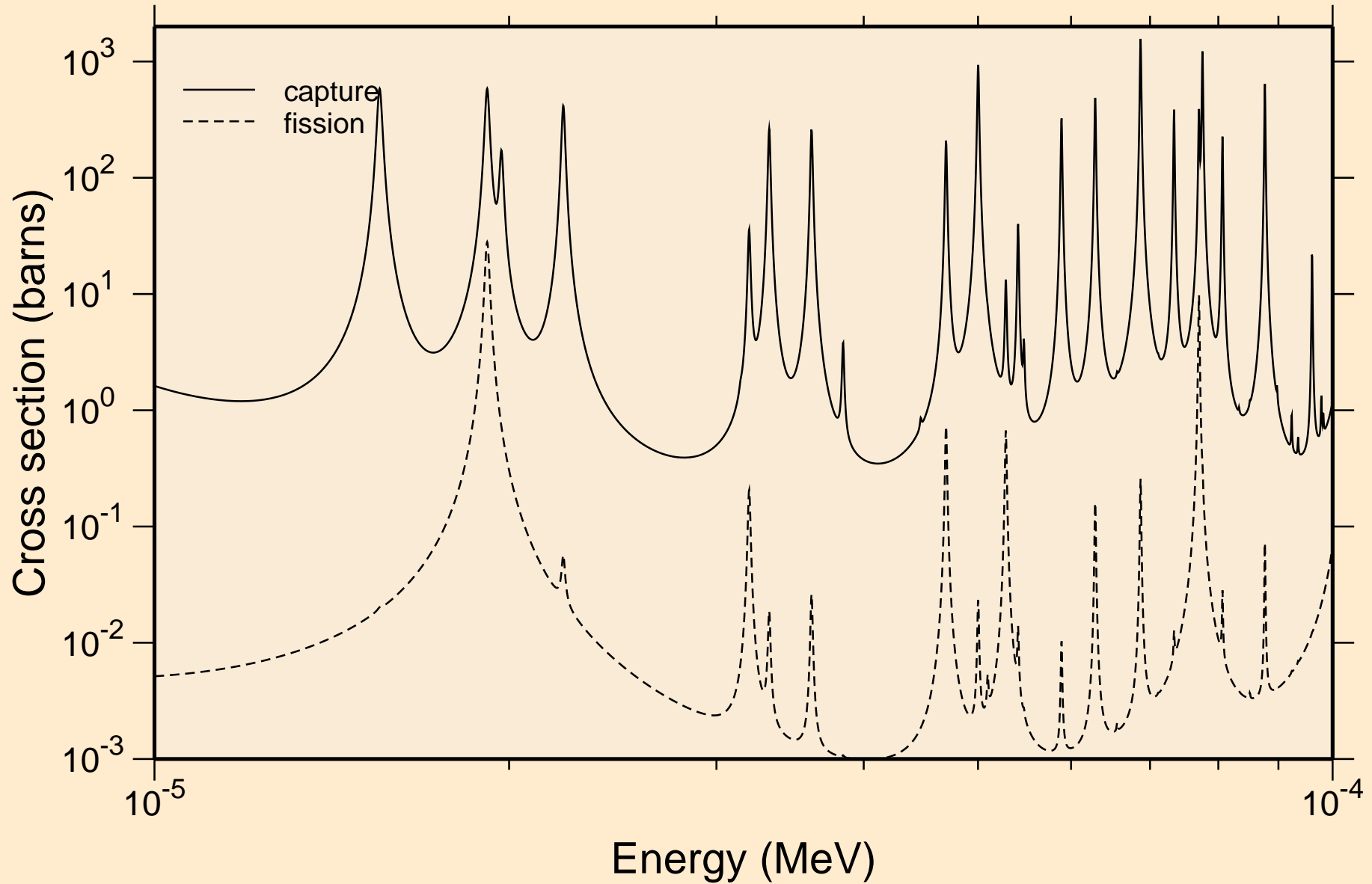
U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



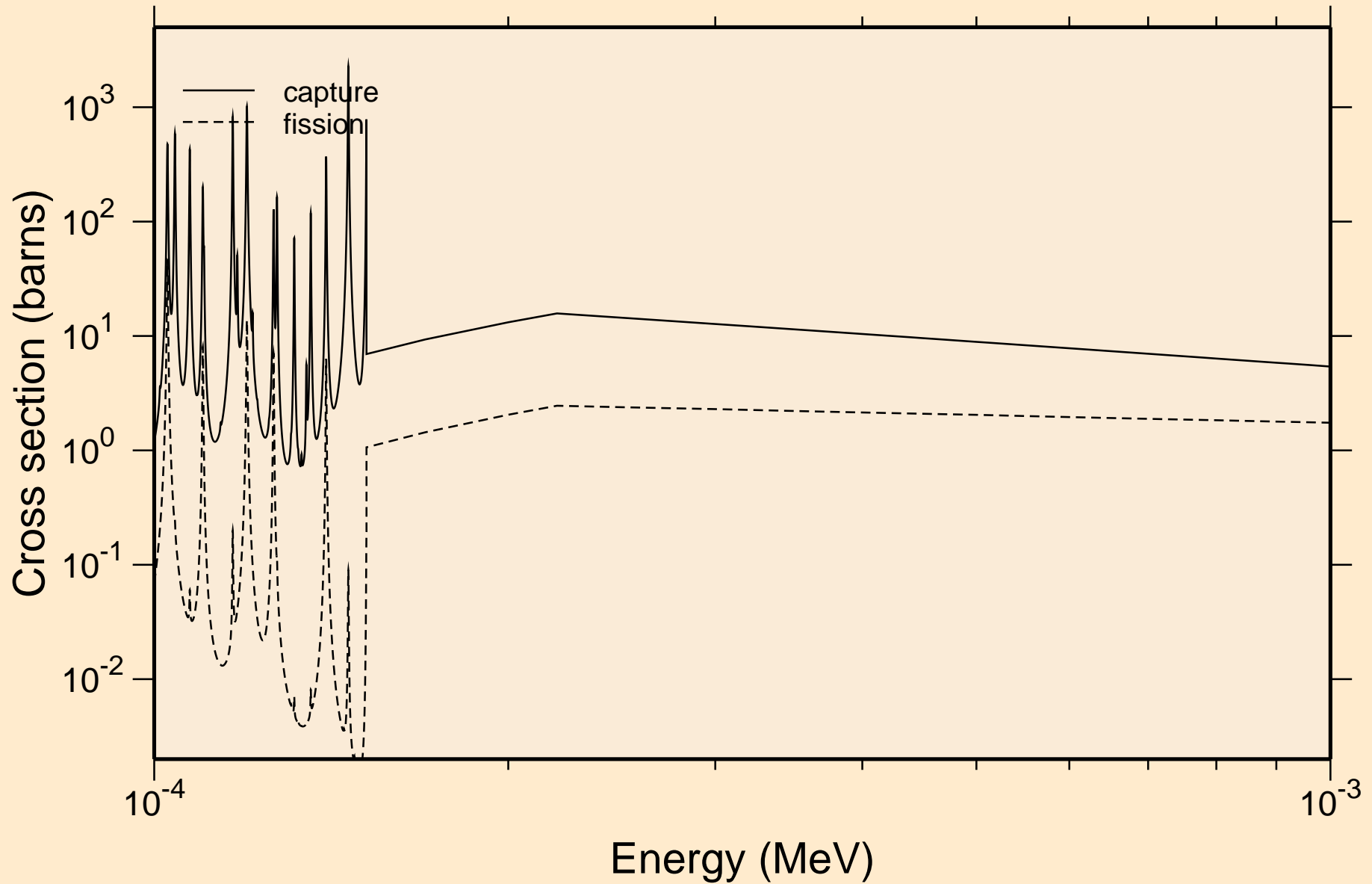
U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



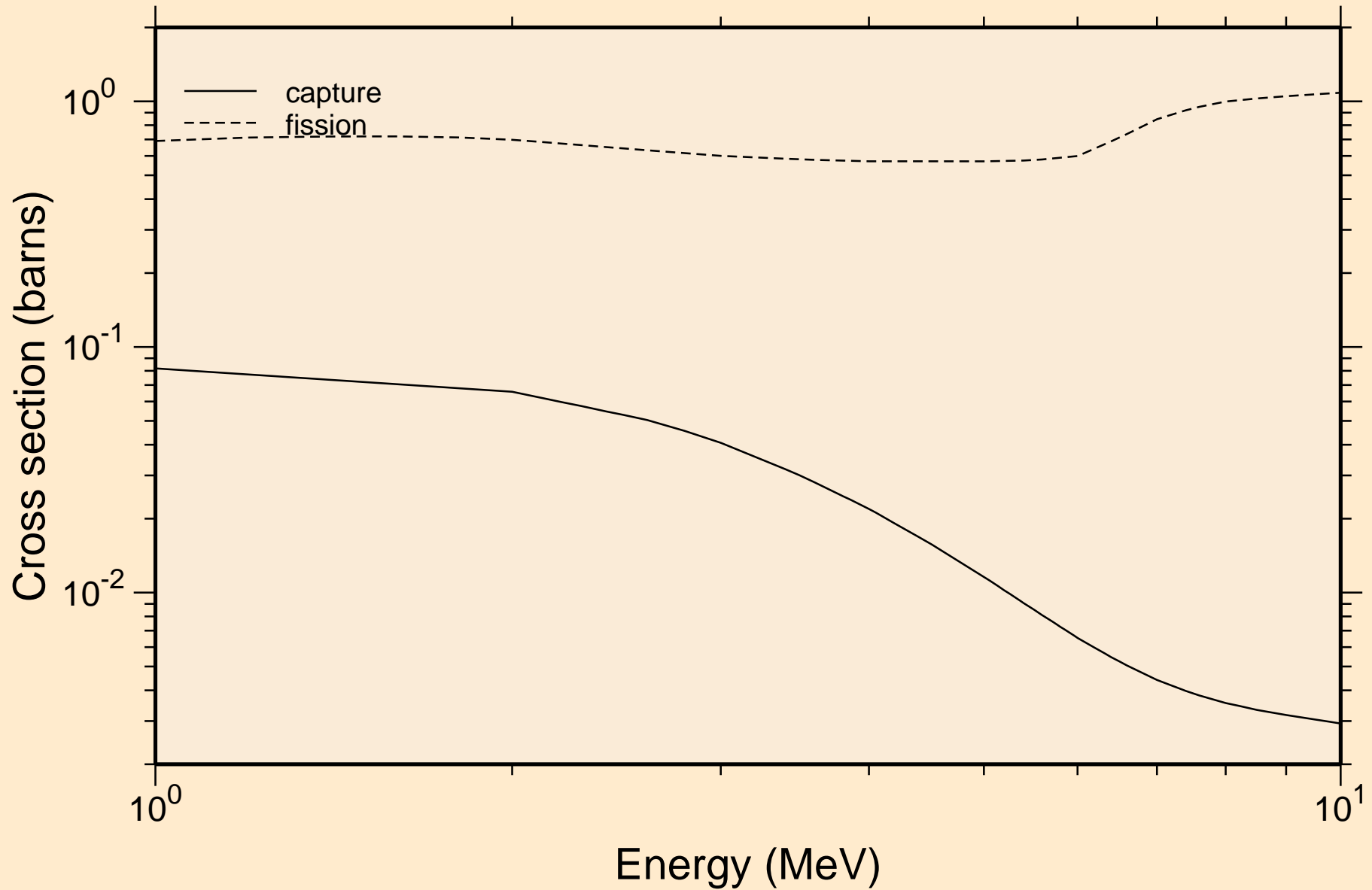
U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



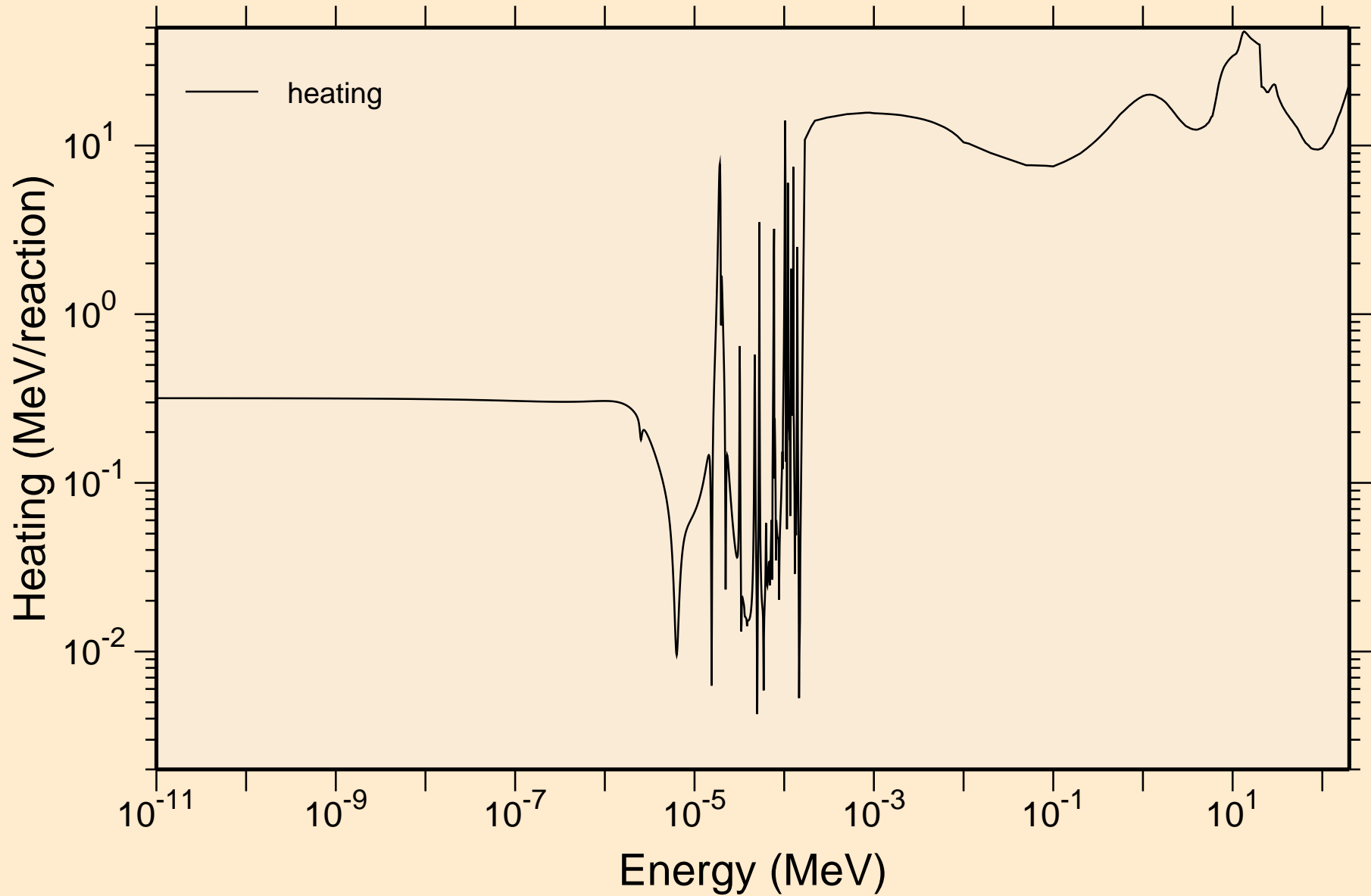
U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections





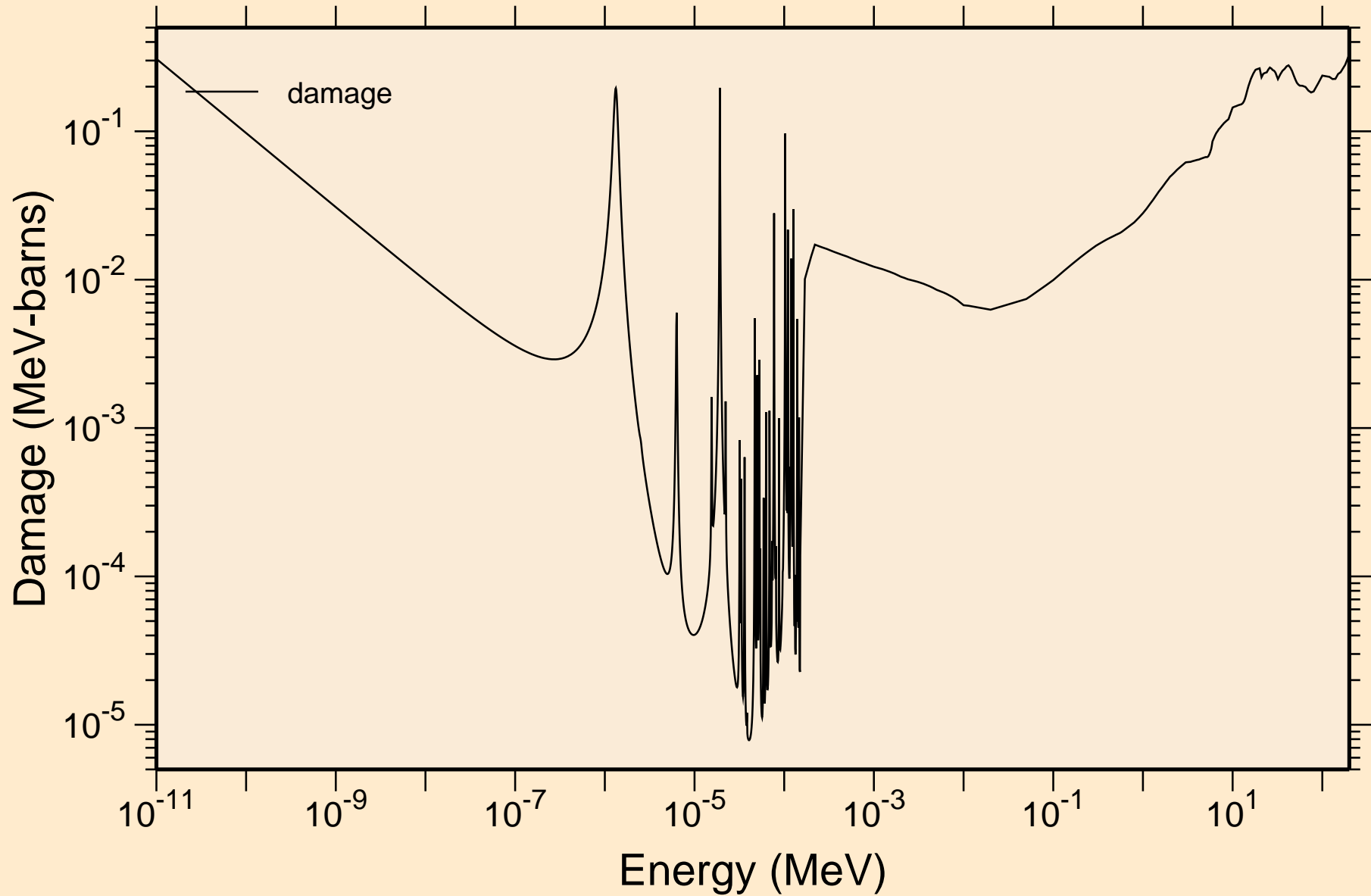
# U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



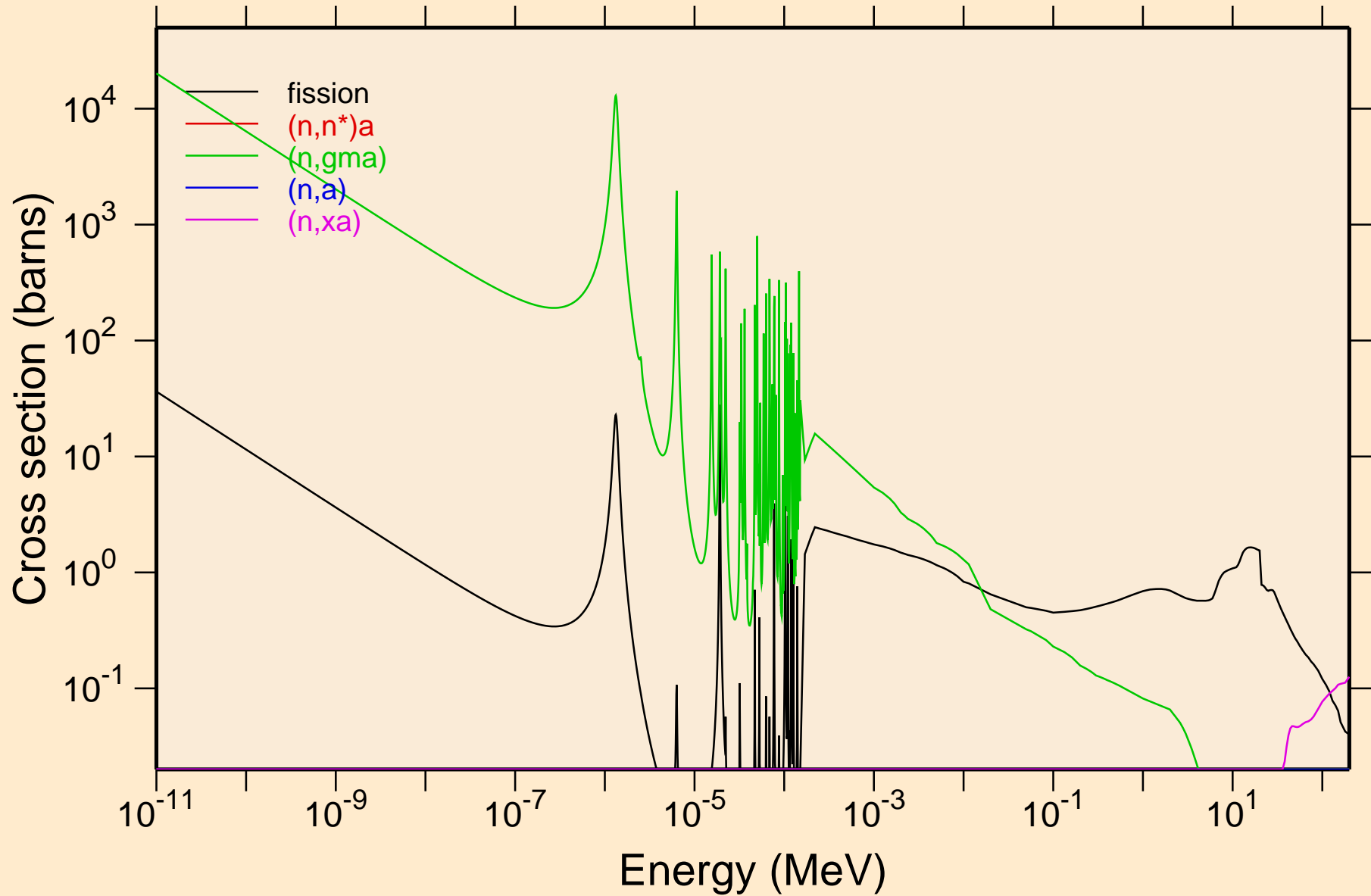
# U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage



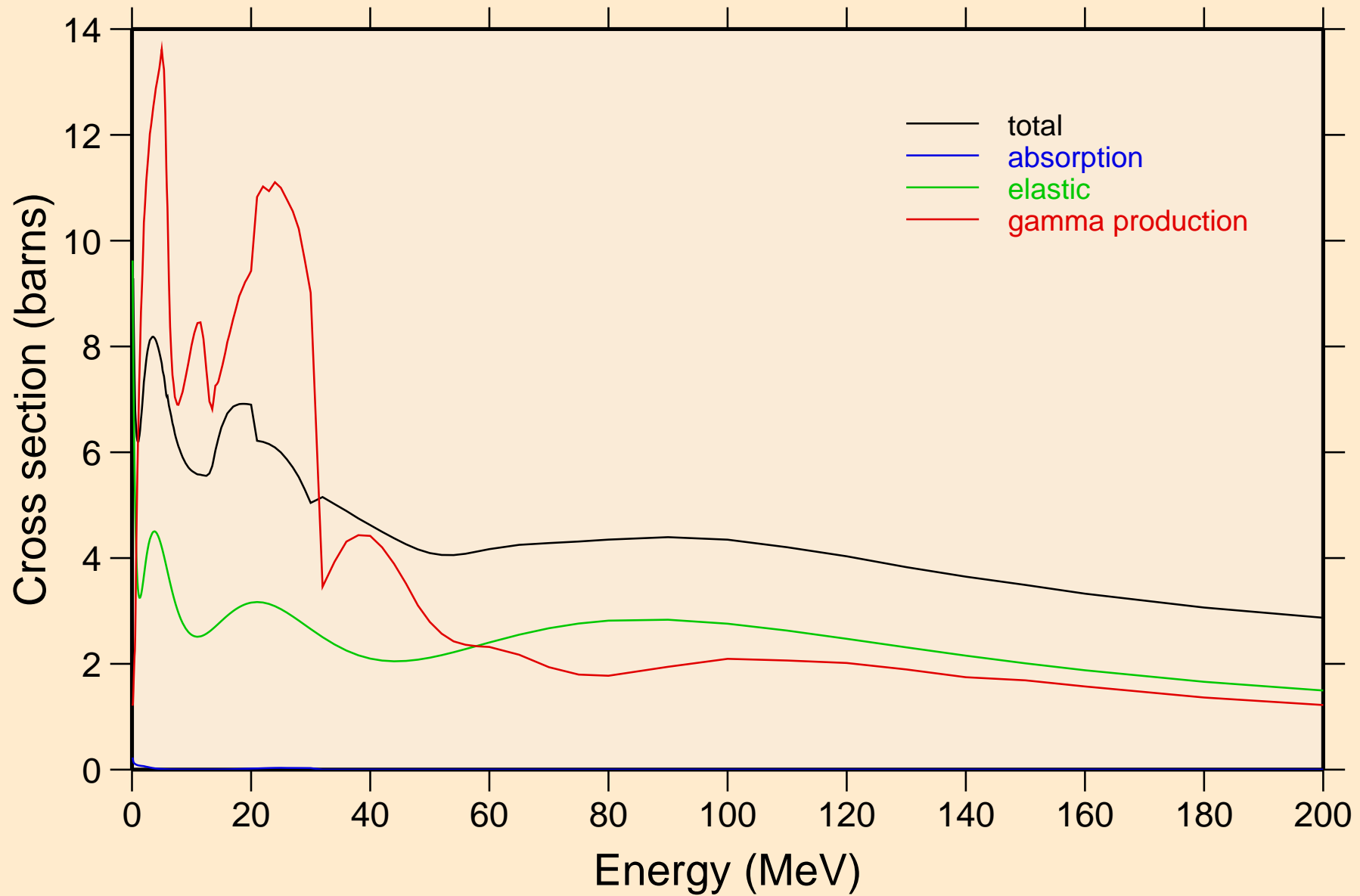
# U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions



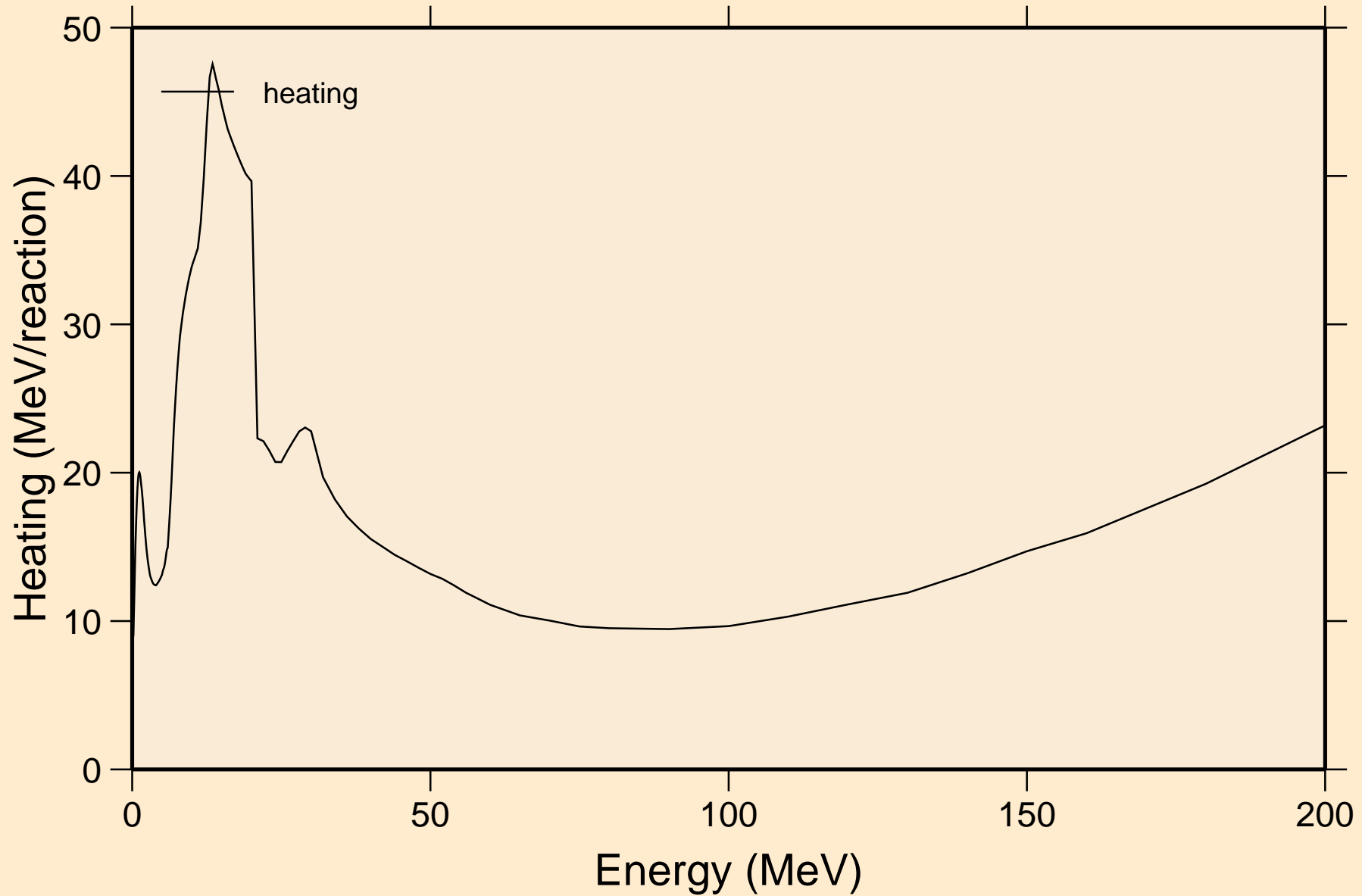
# U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



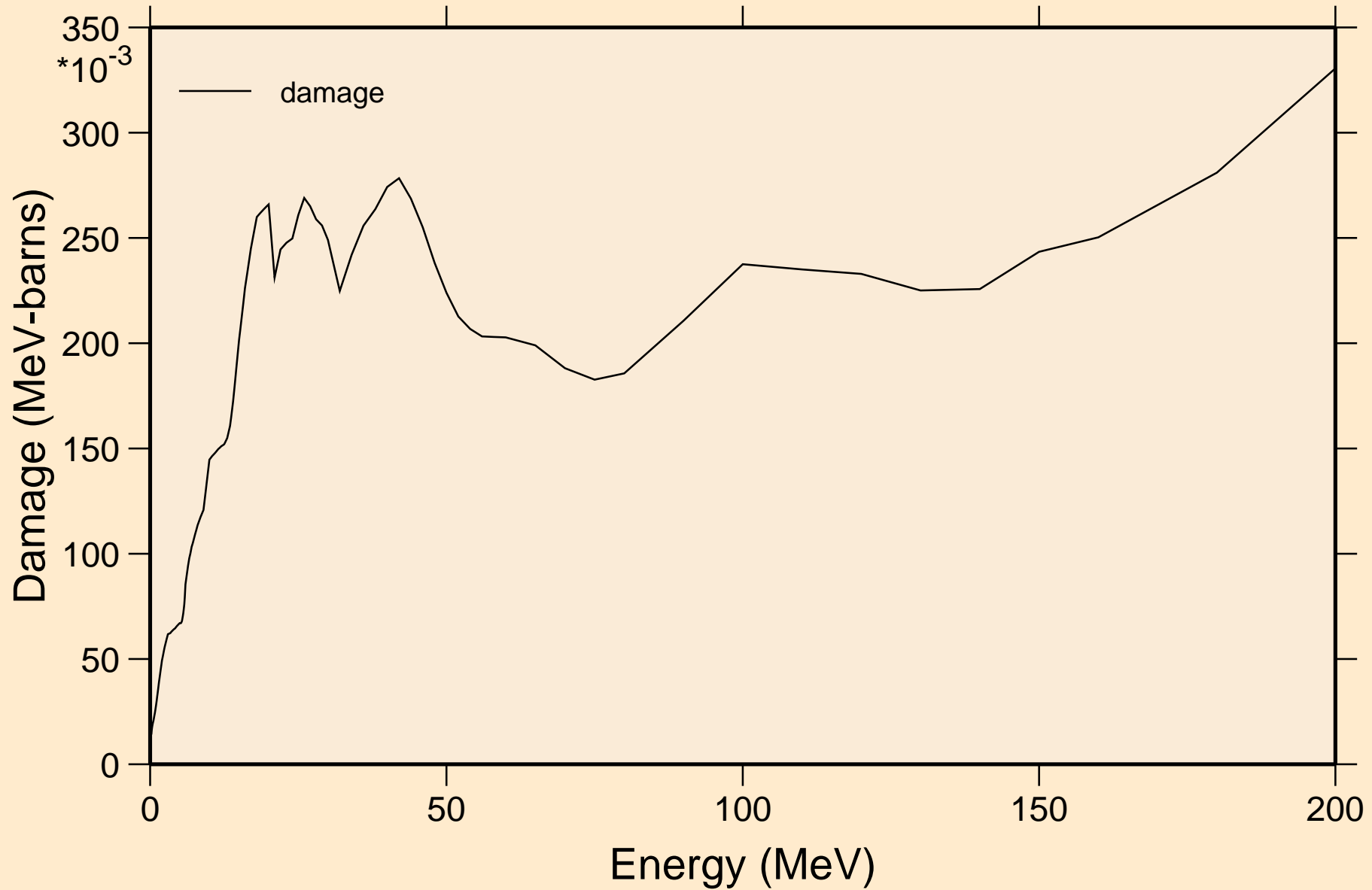
# U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



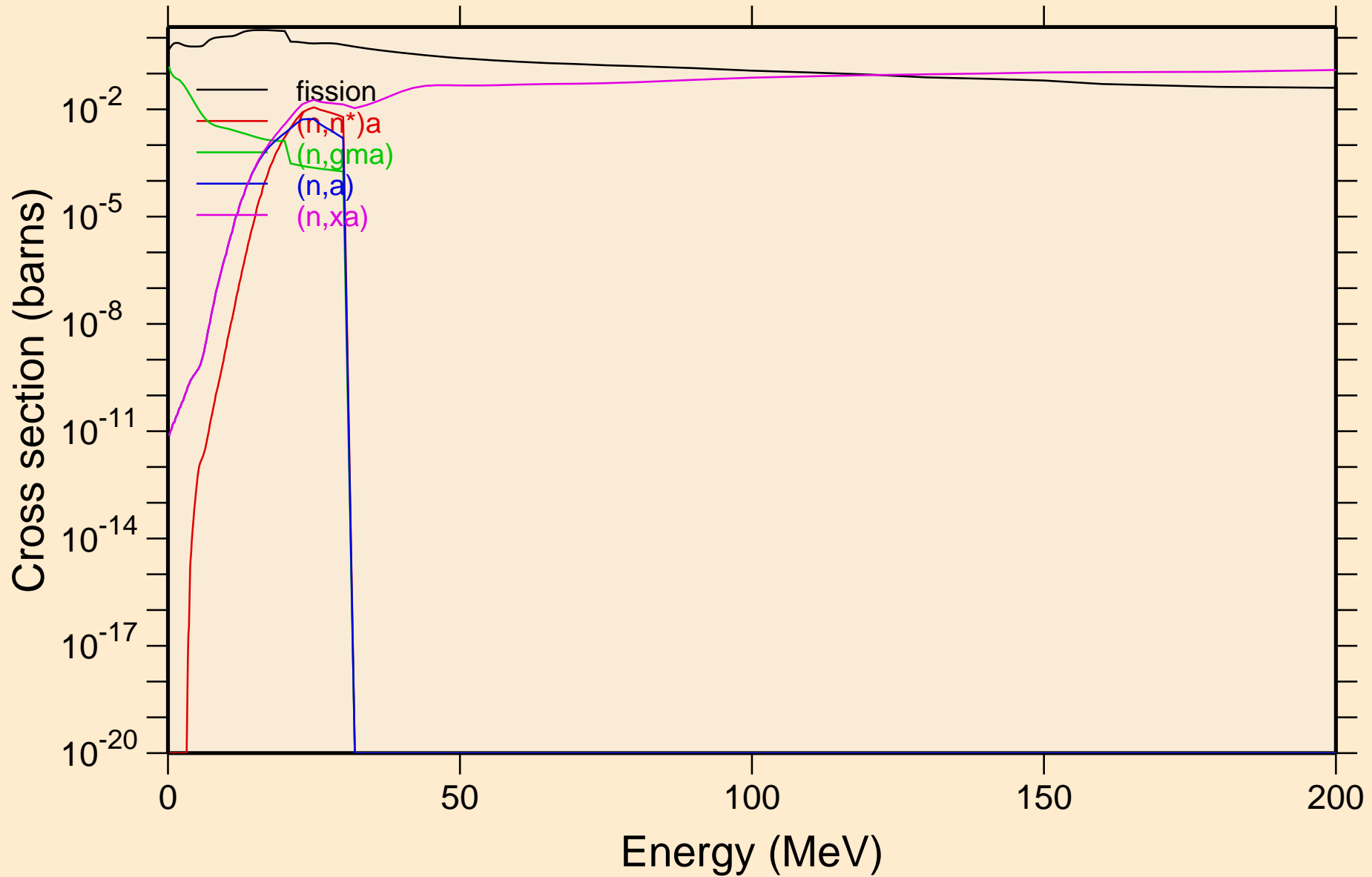
# U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

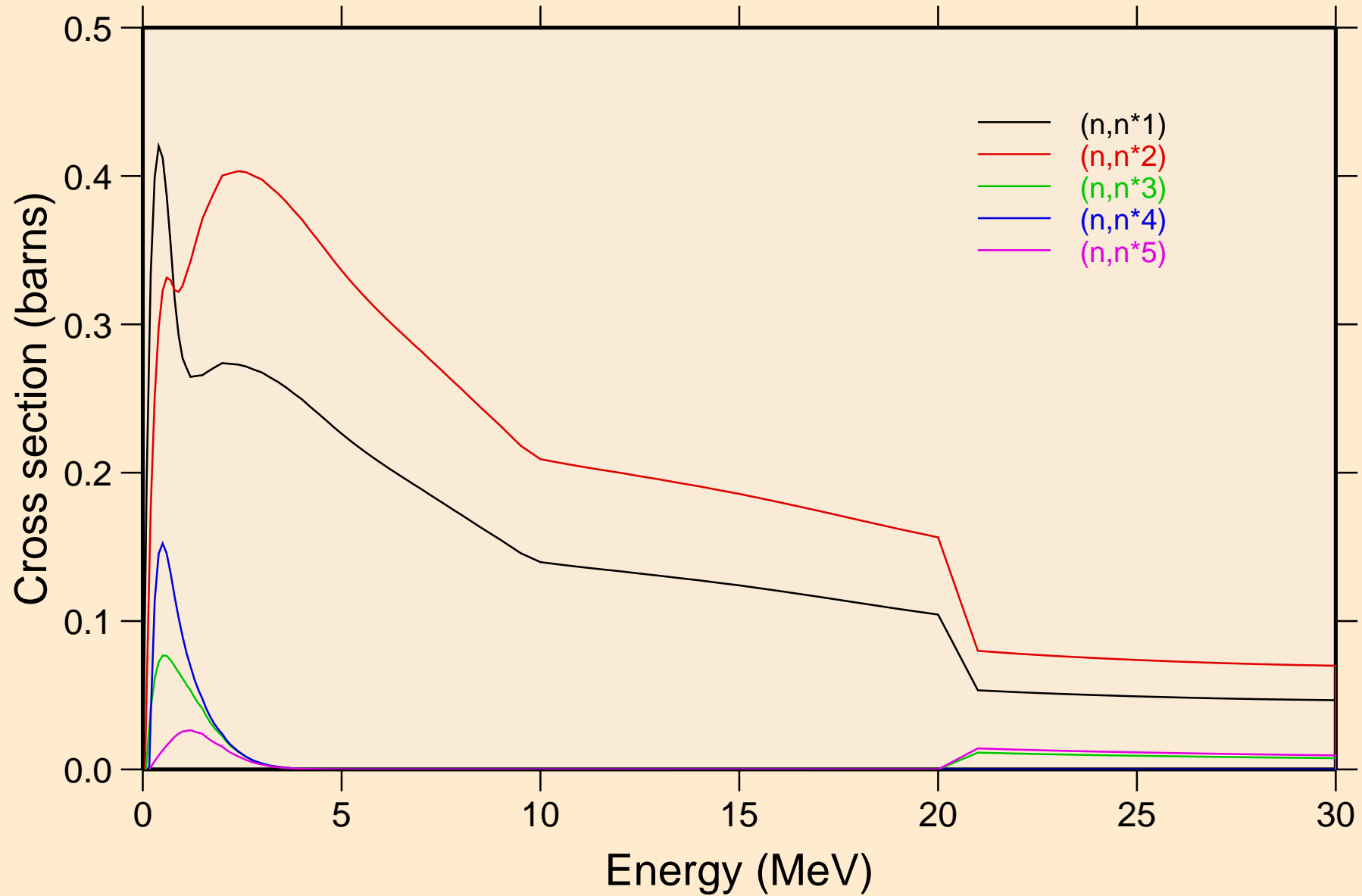


# U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

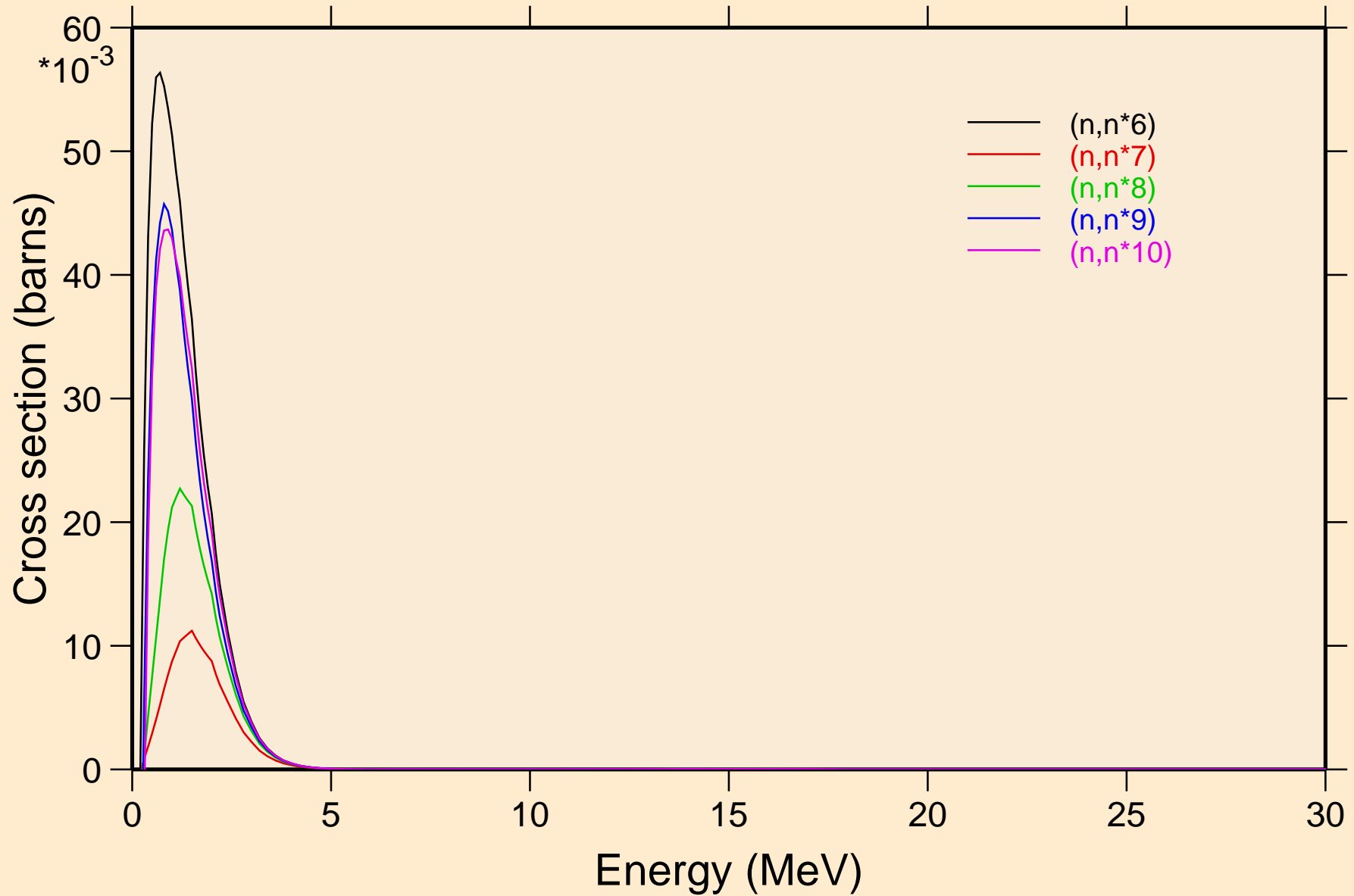


U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



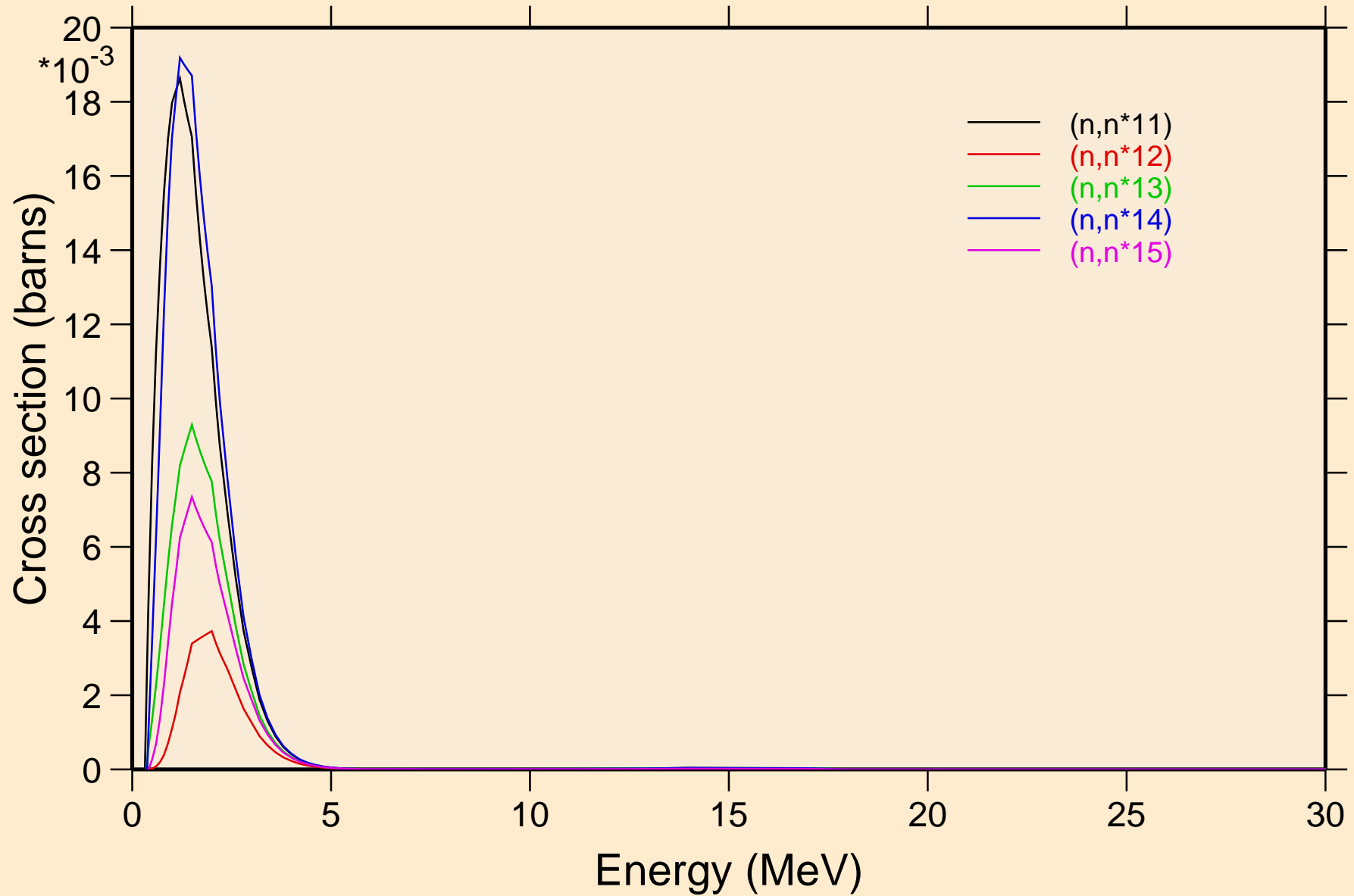


U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

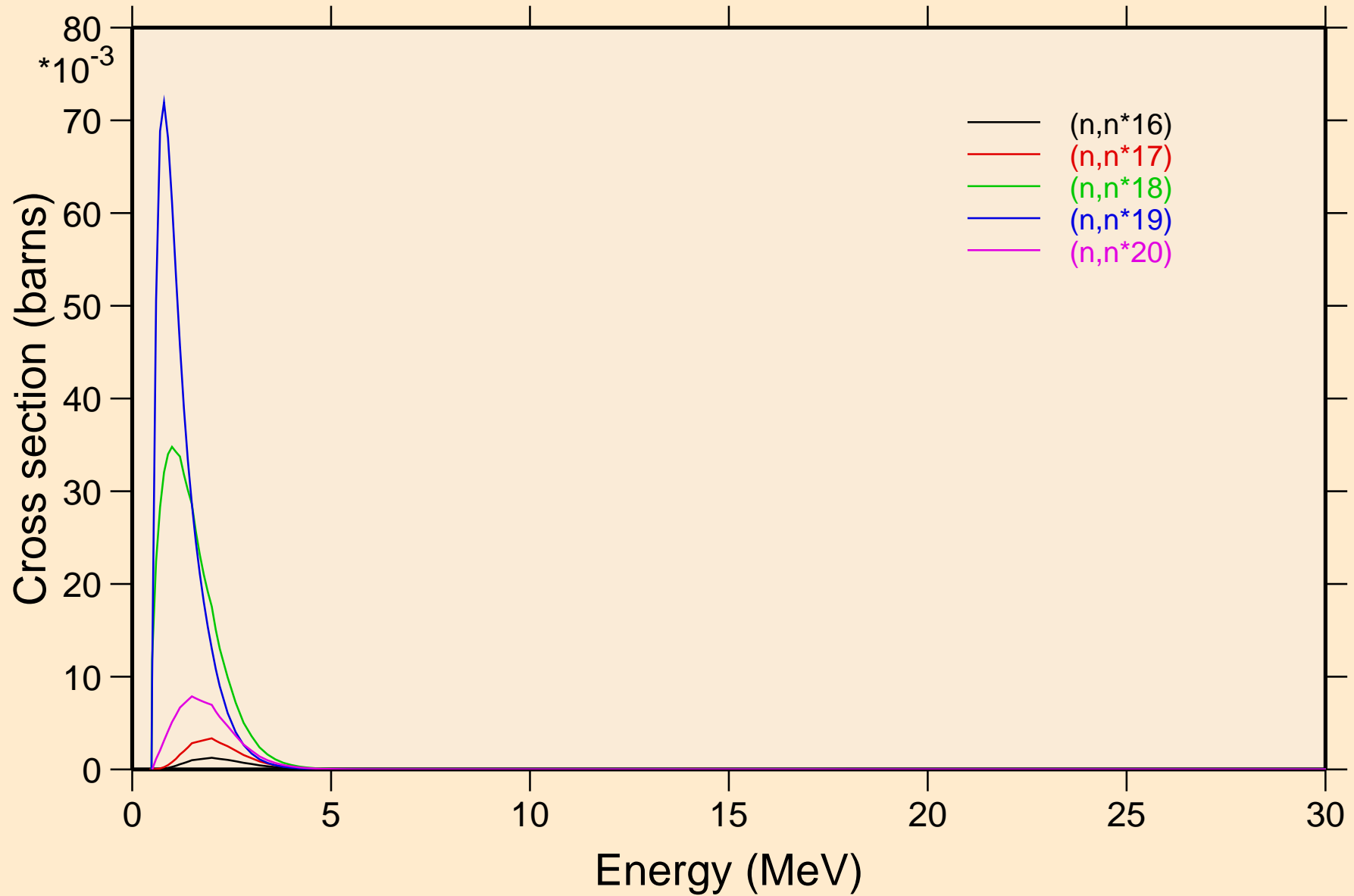


# U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels

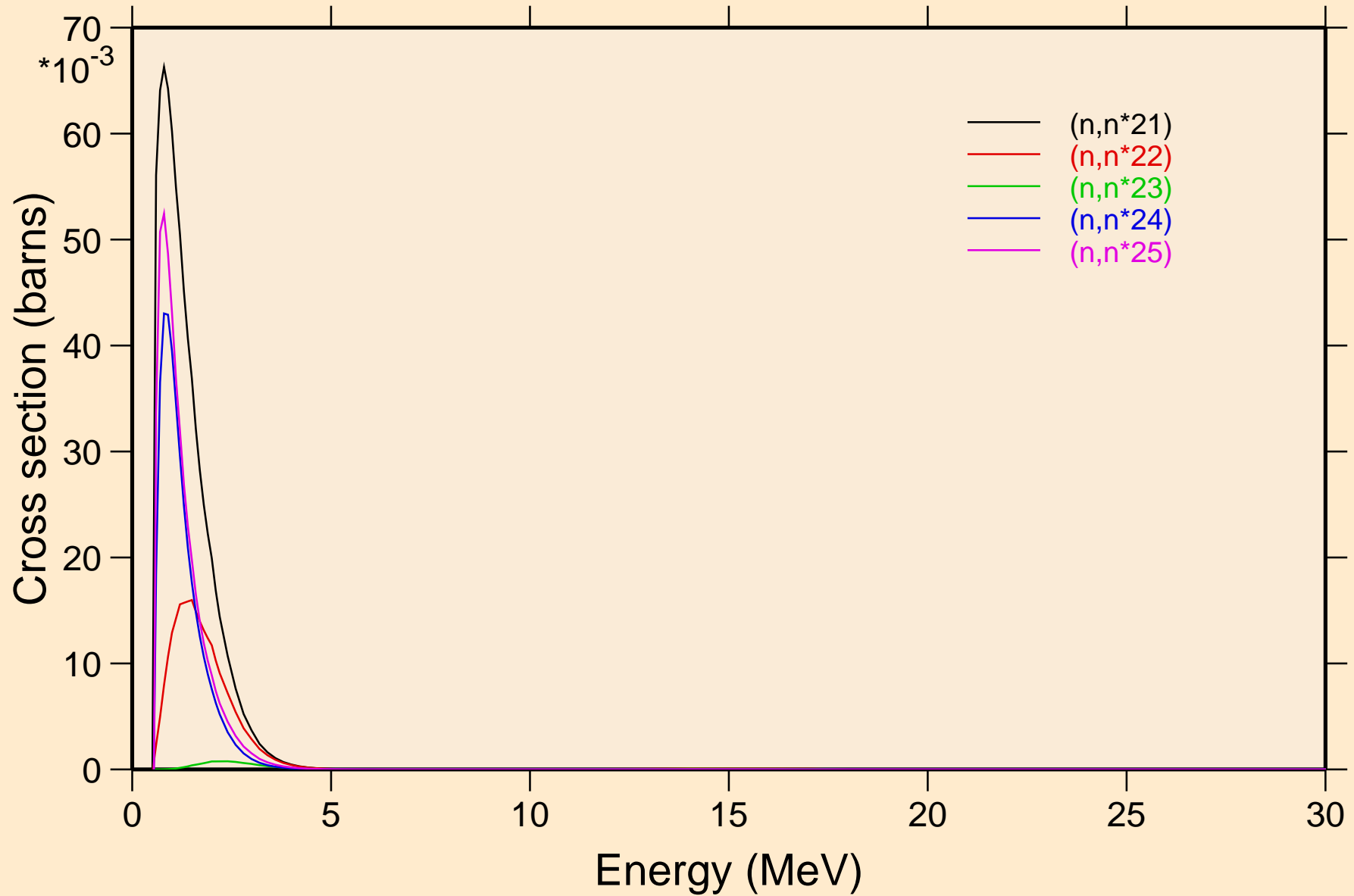


U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

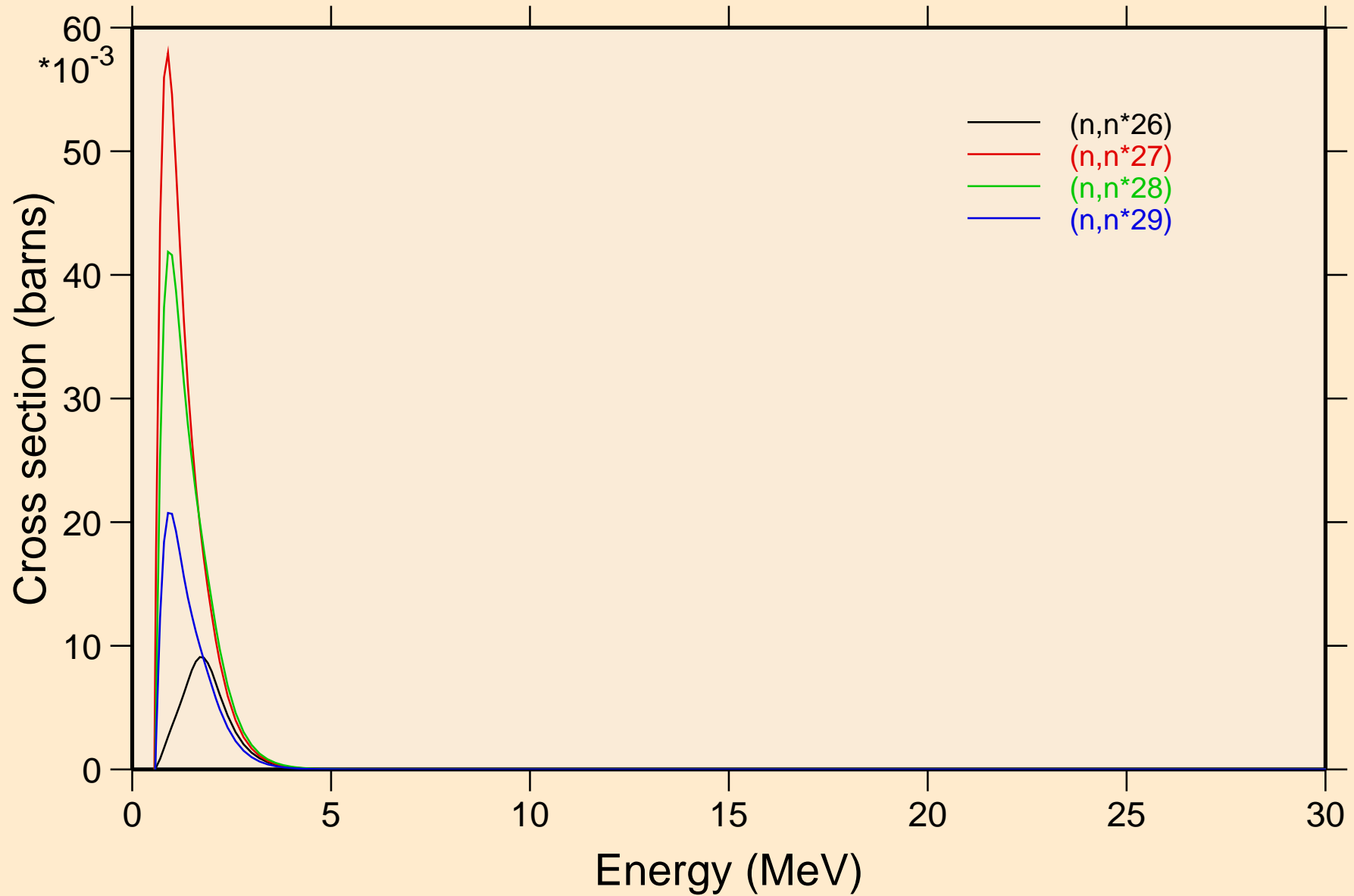


# U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels

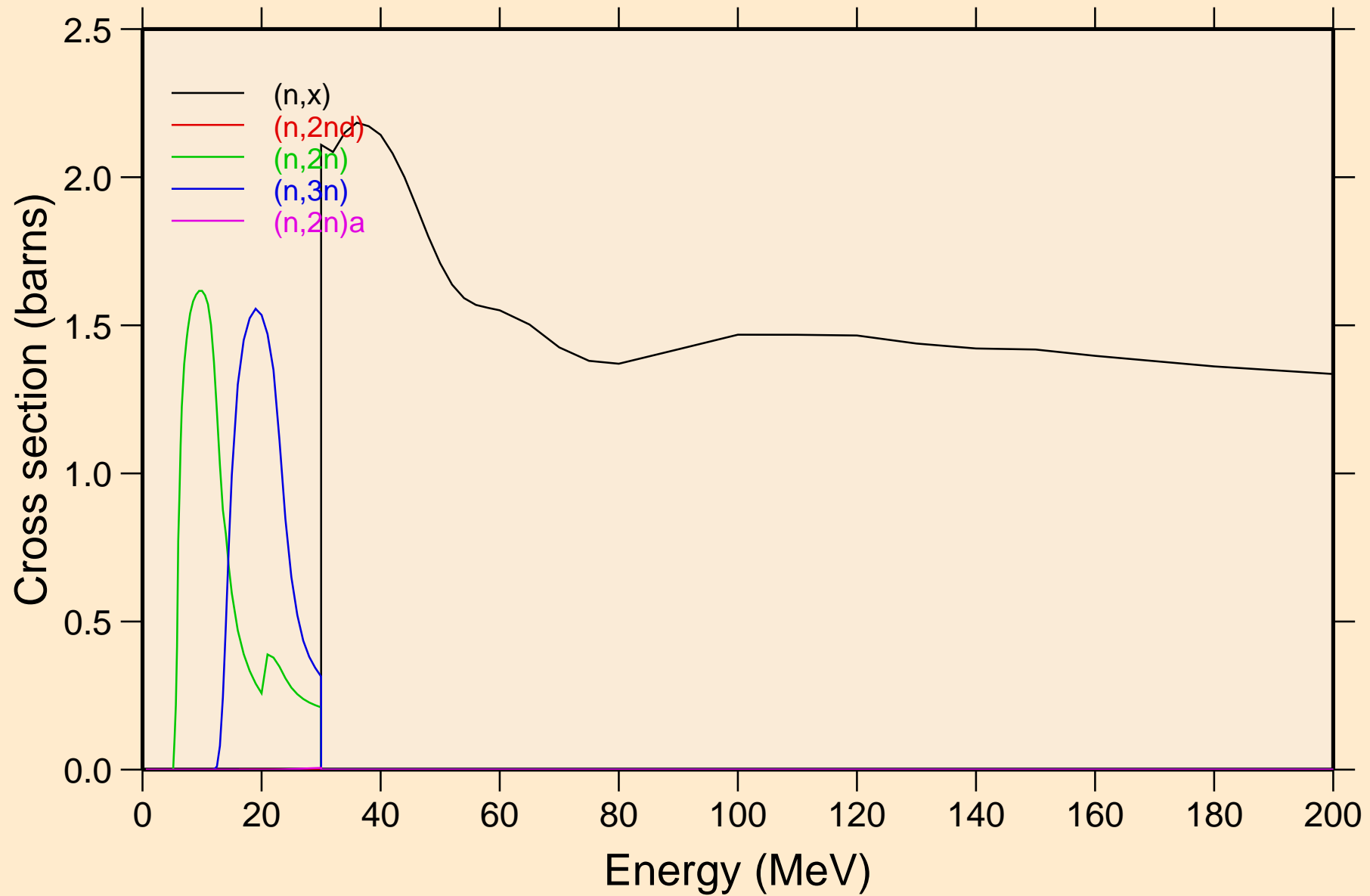


U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



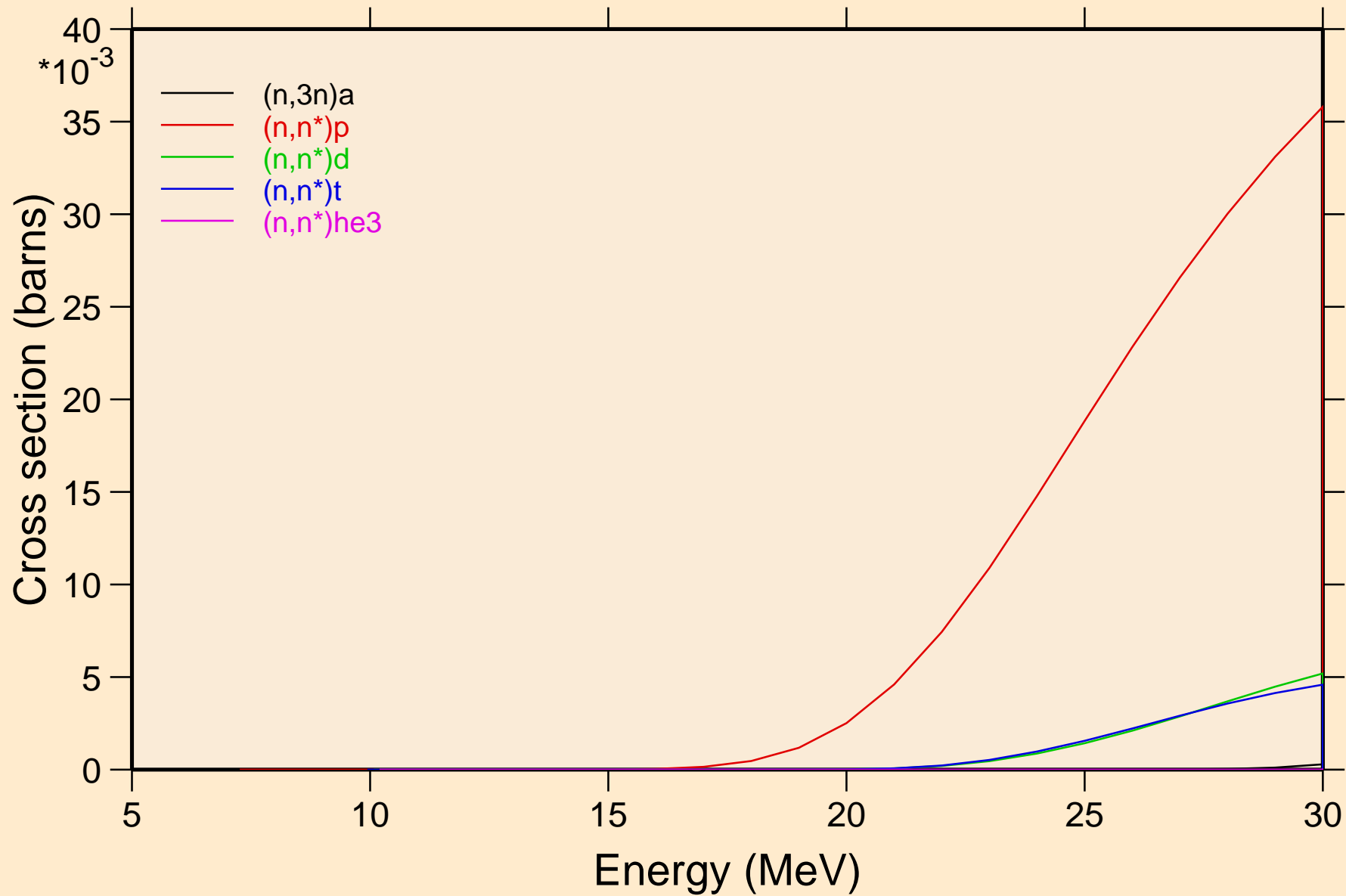
# U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



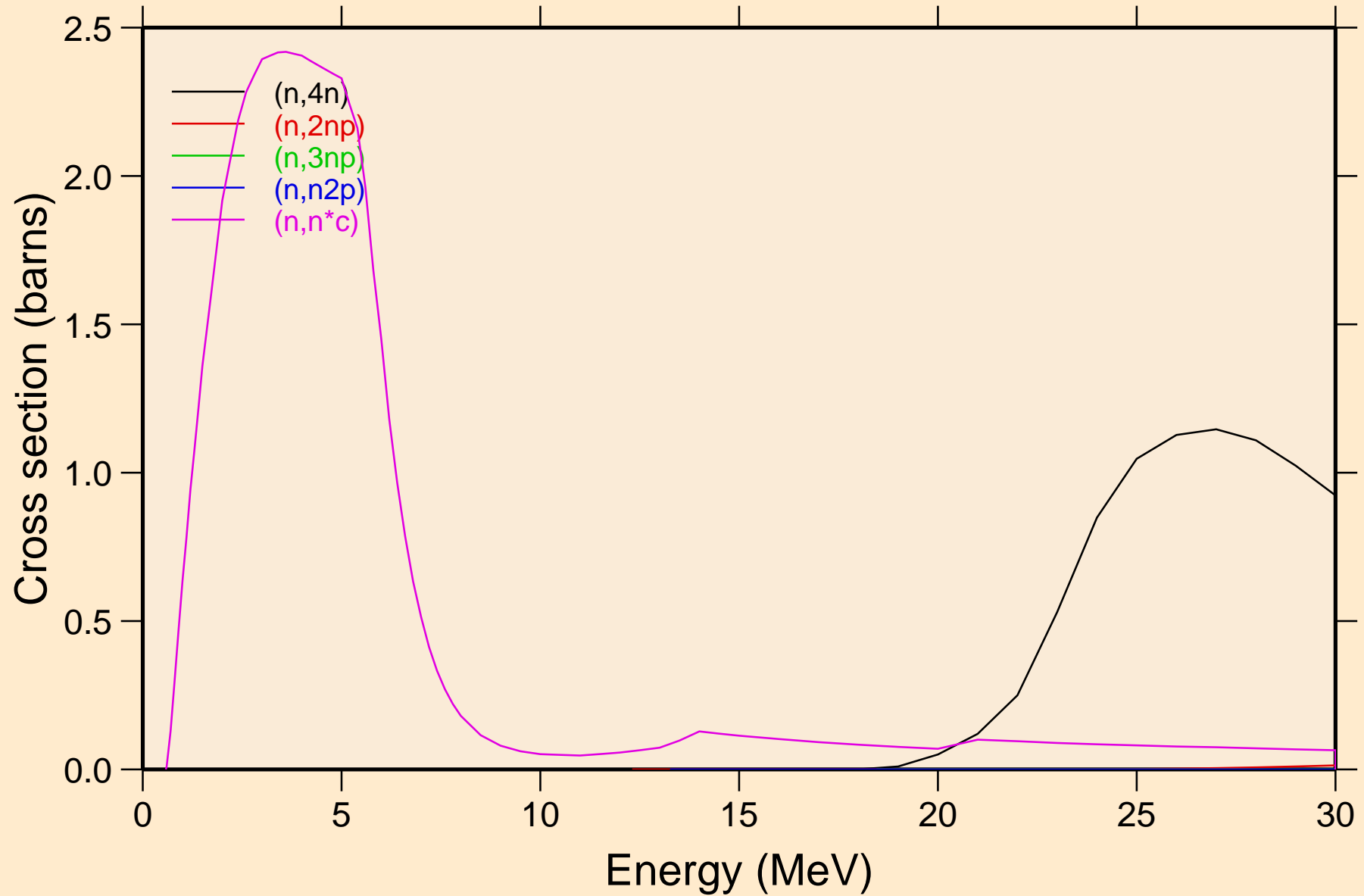
# U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



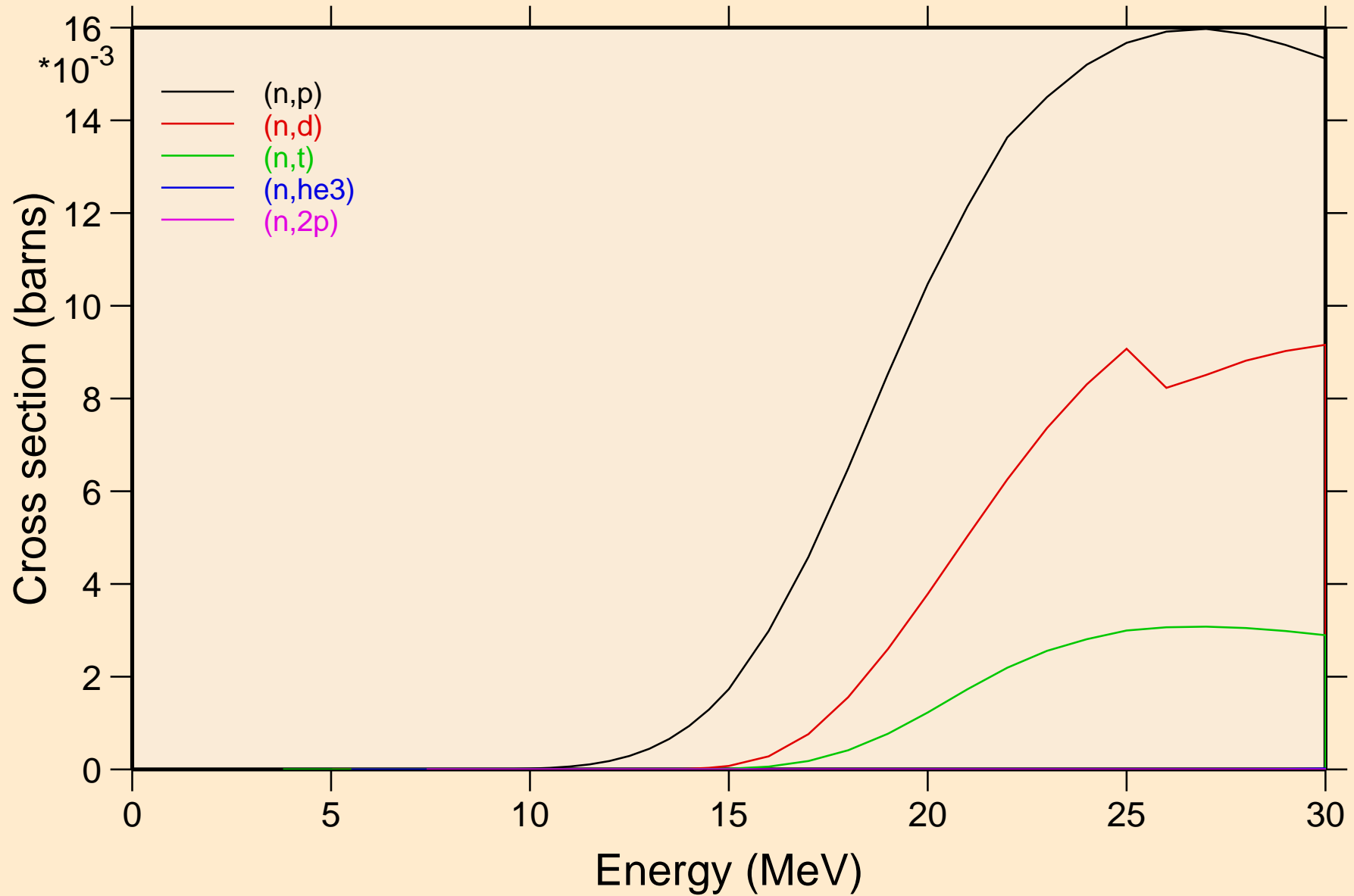
# U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



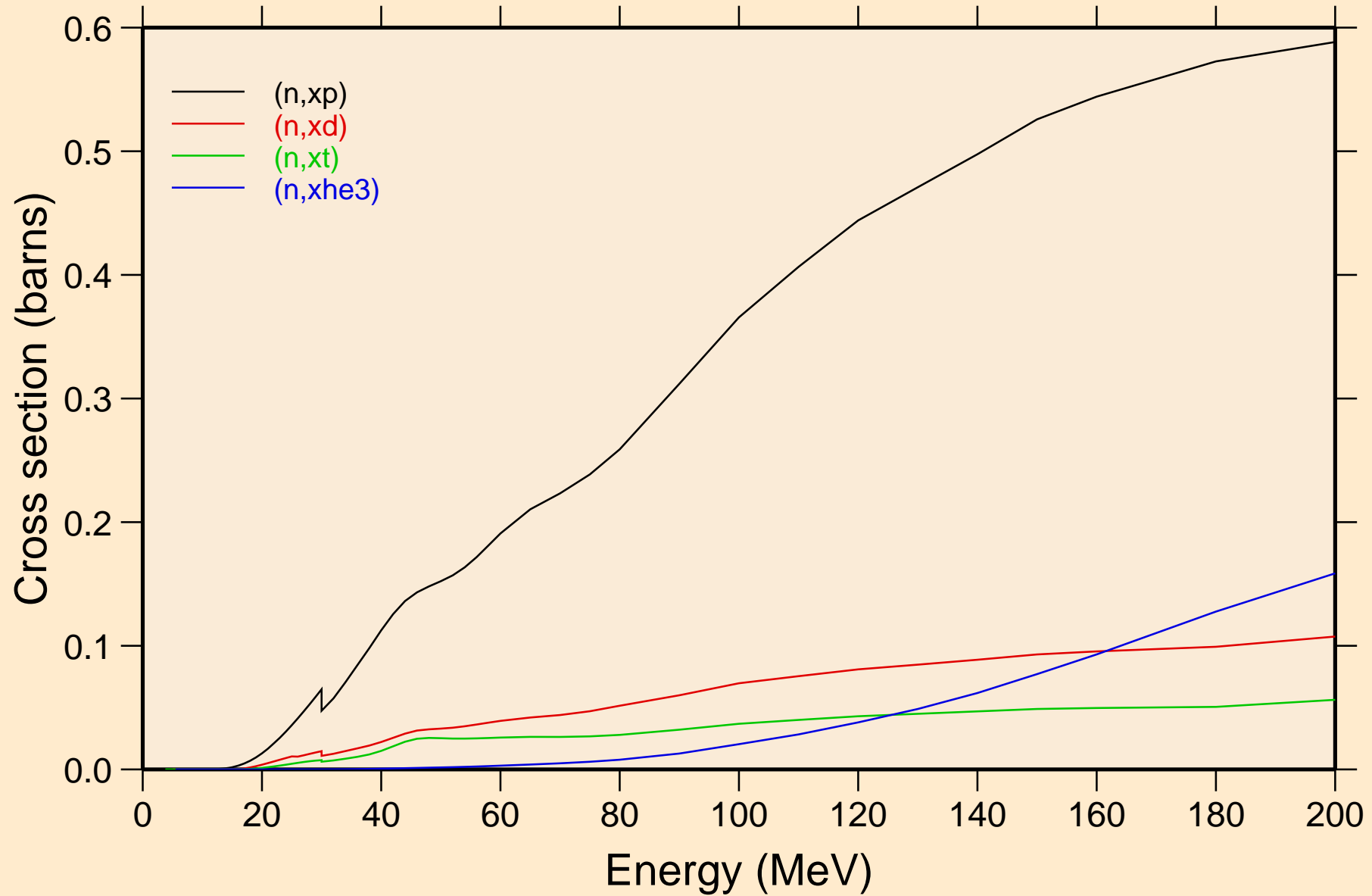


U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

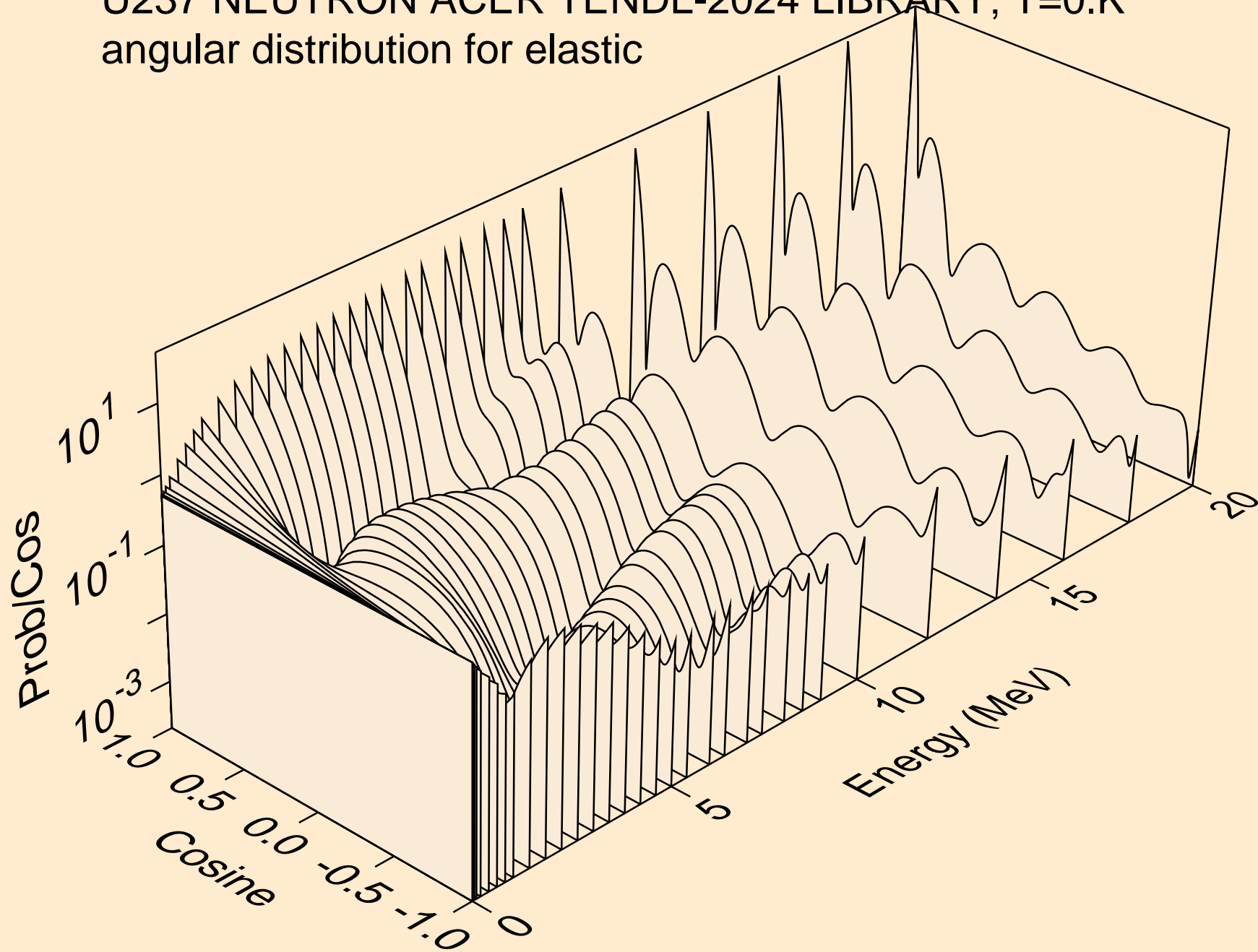


# U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

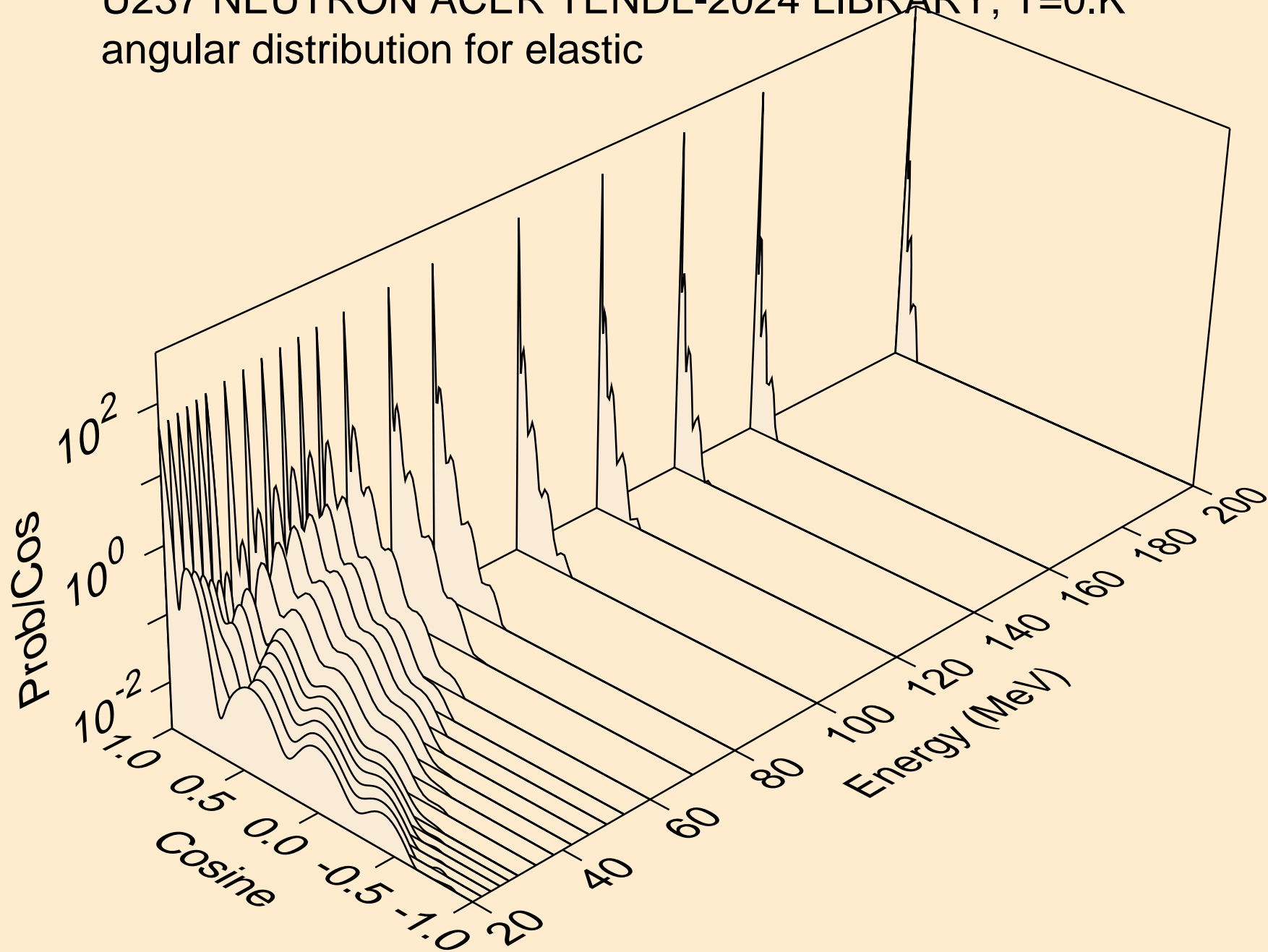
## Threshold reactions



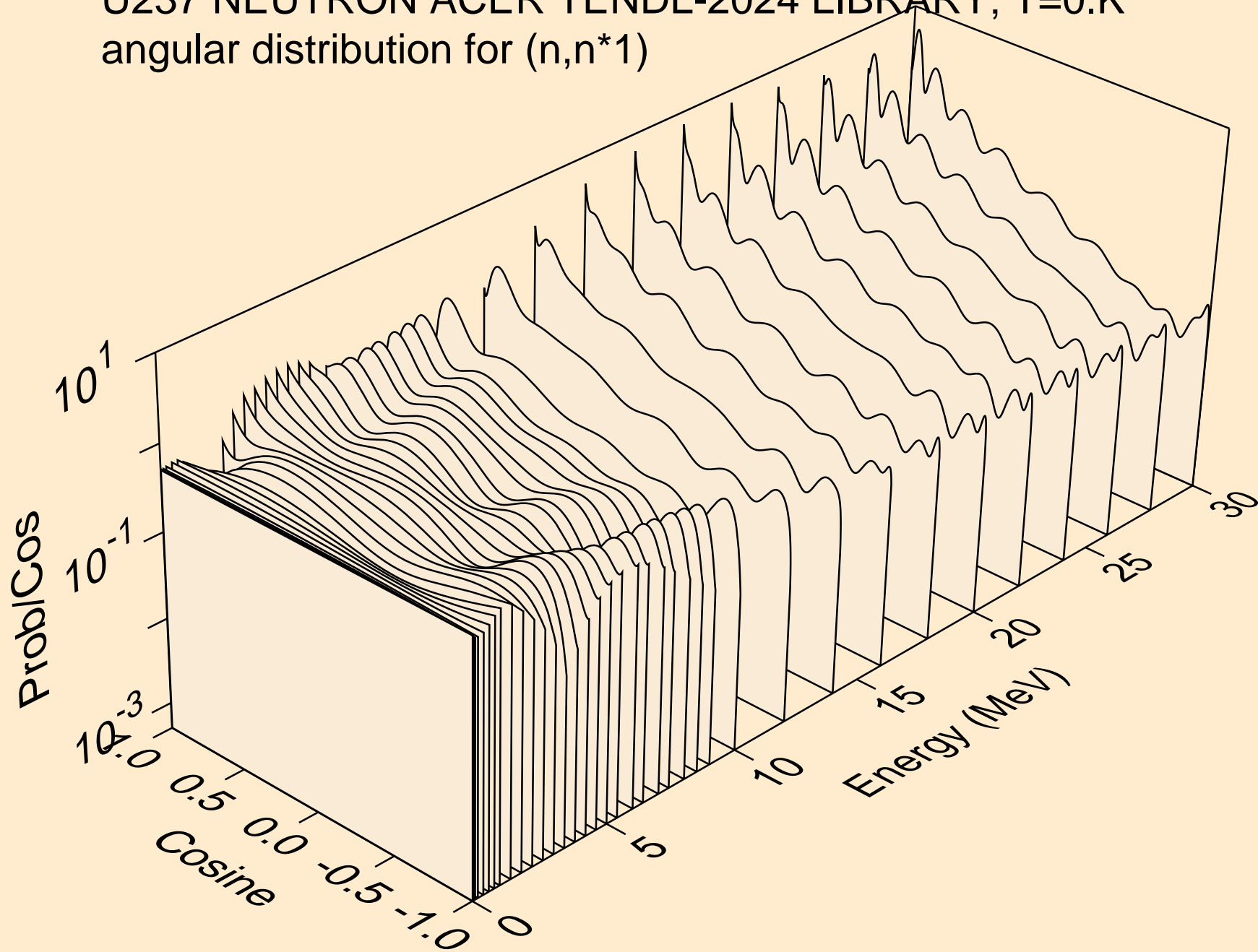
U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



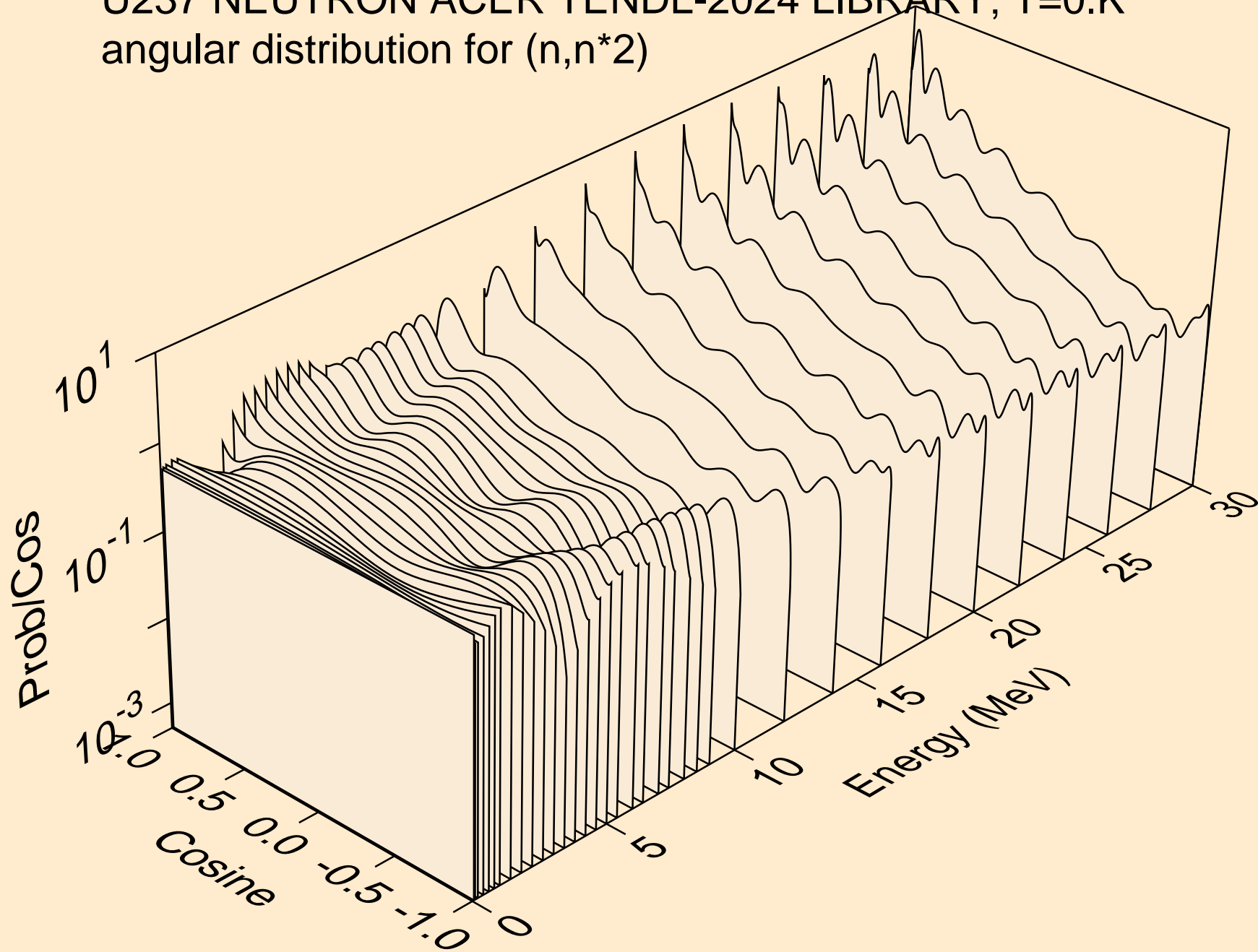
U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



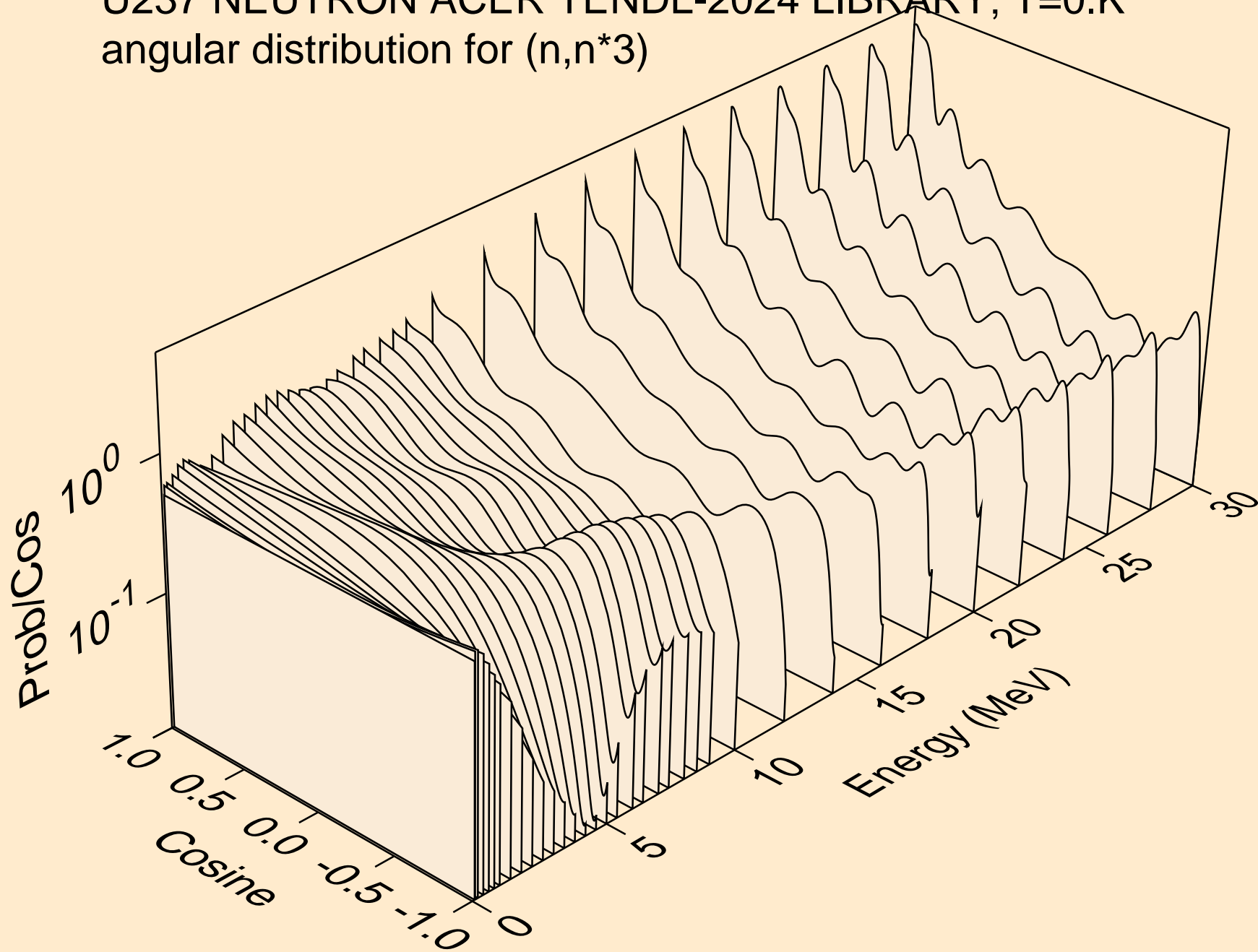
U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



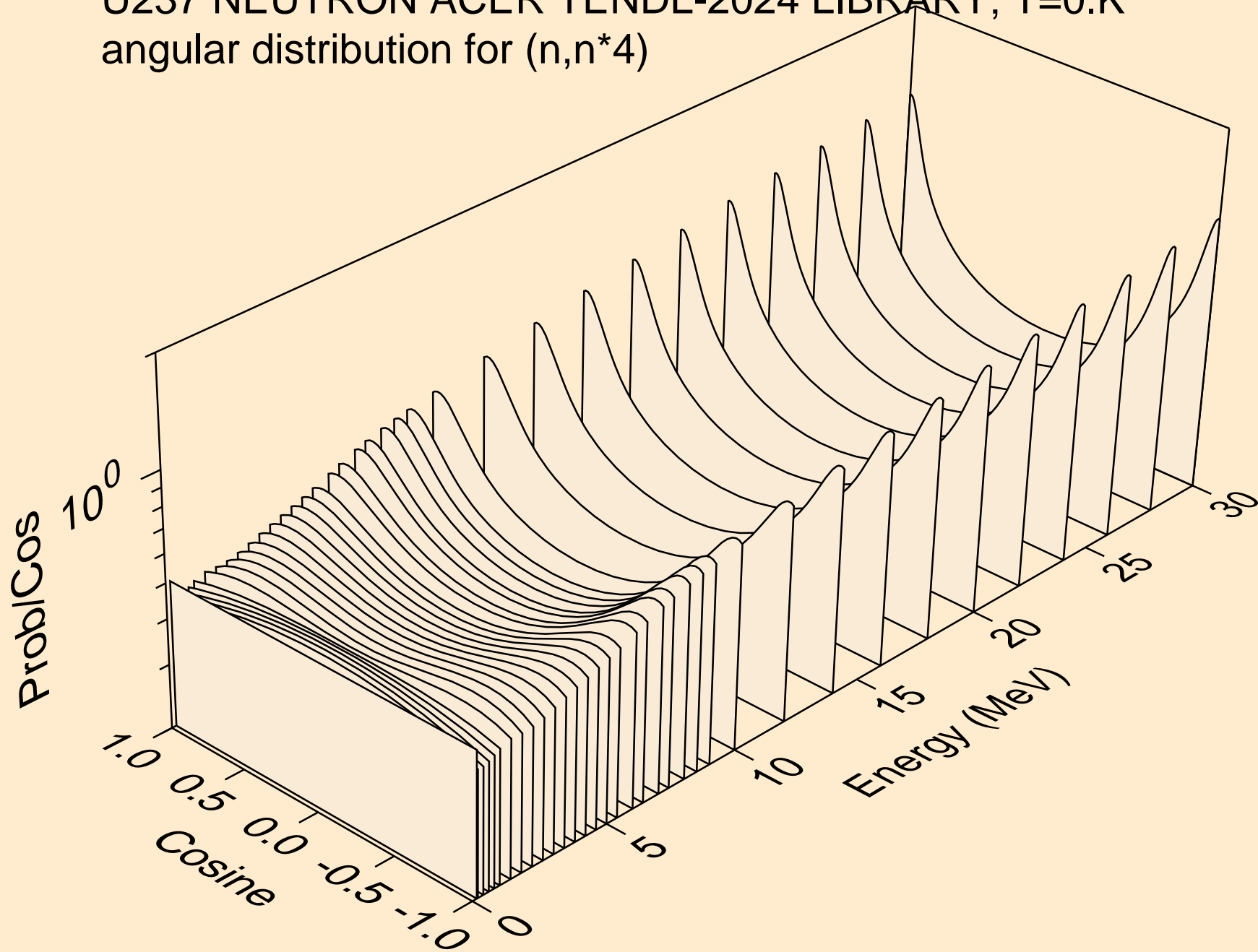
U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)

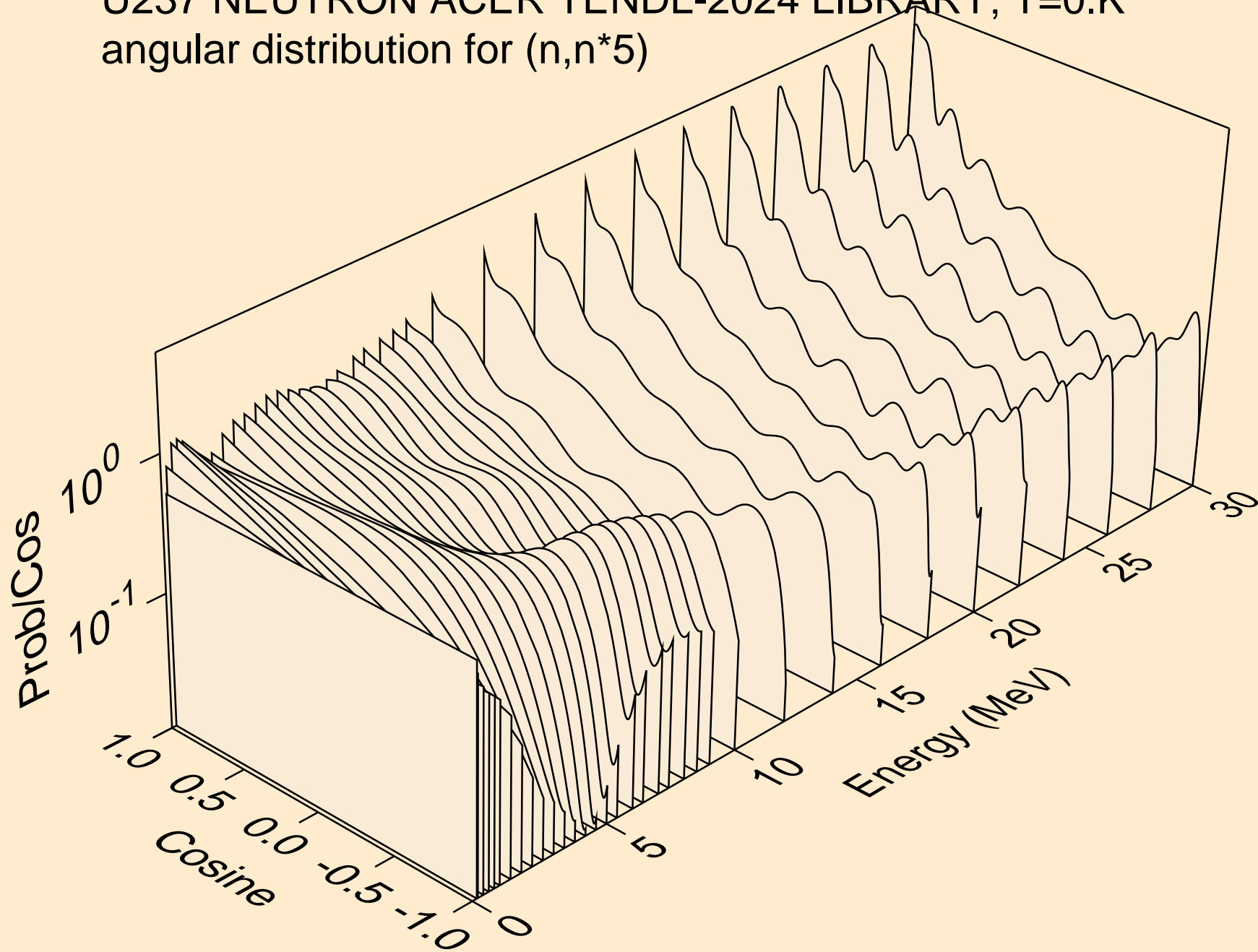


U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)

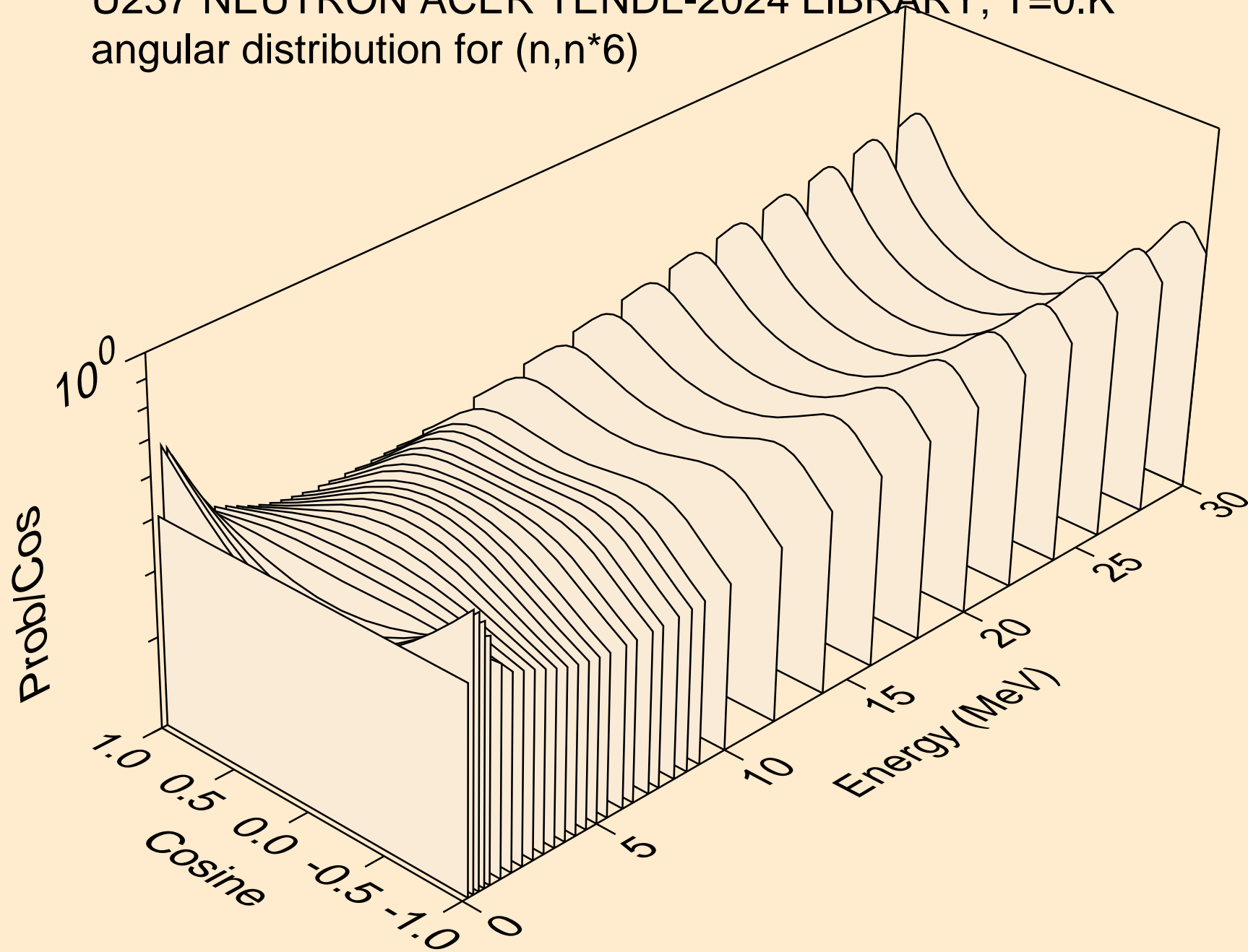




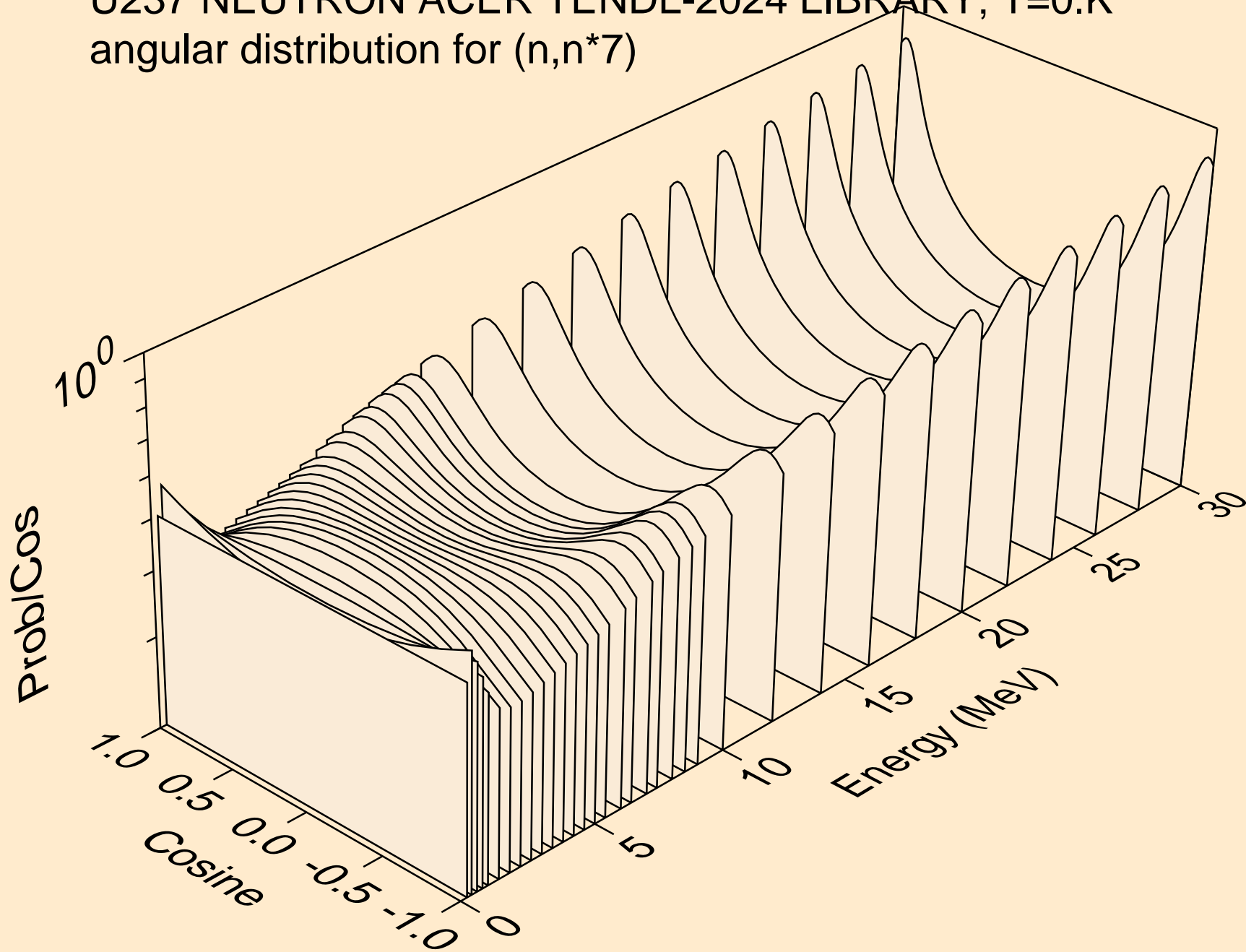
U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



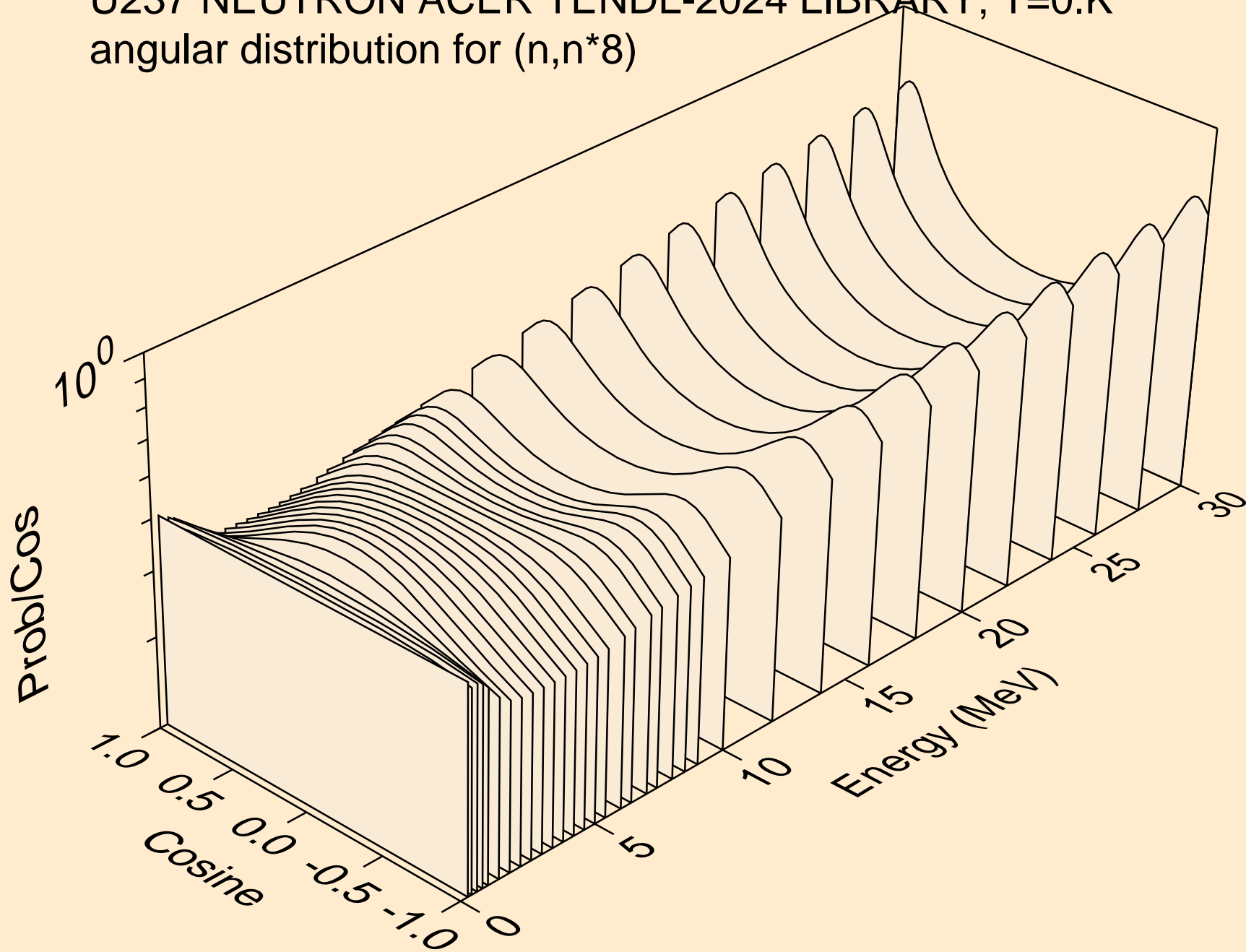
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angular distribution for (n,n\*6)



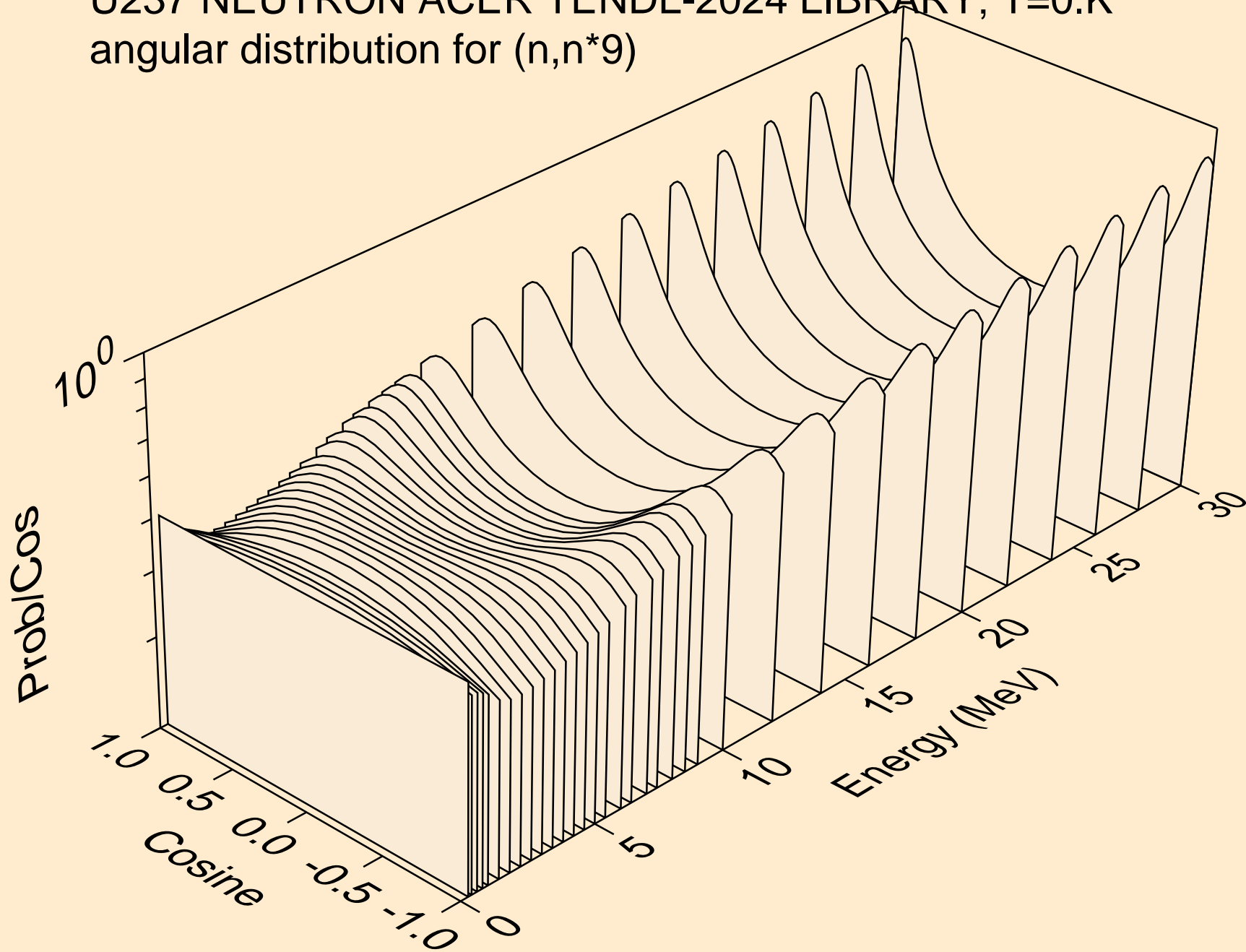
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angular distribution for (n,n\*7)



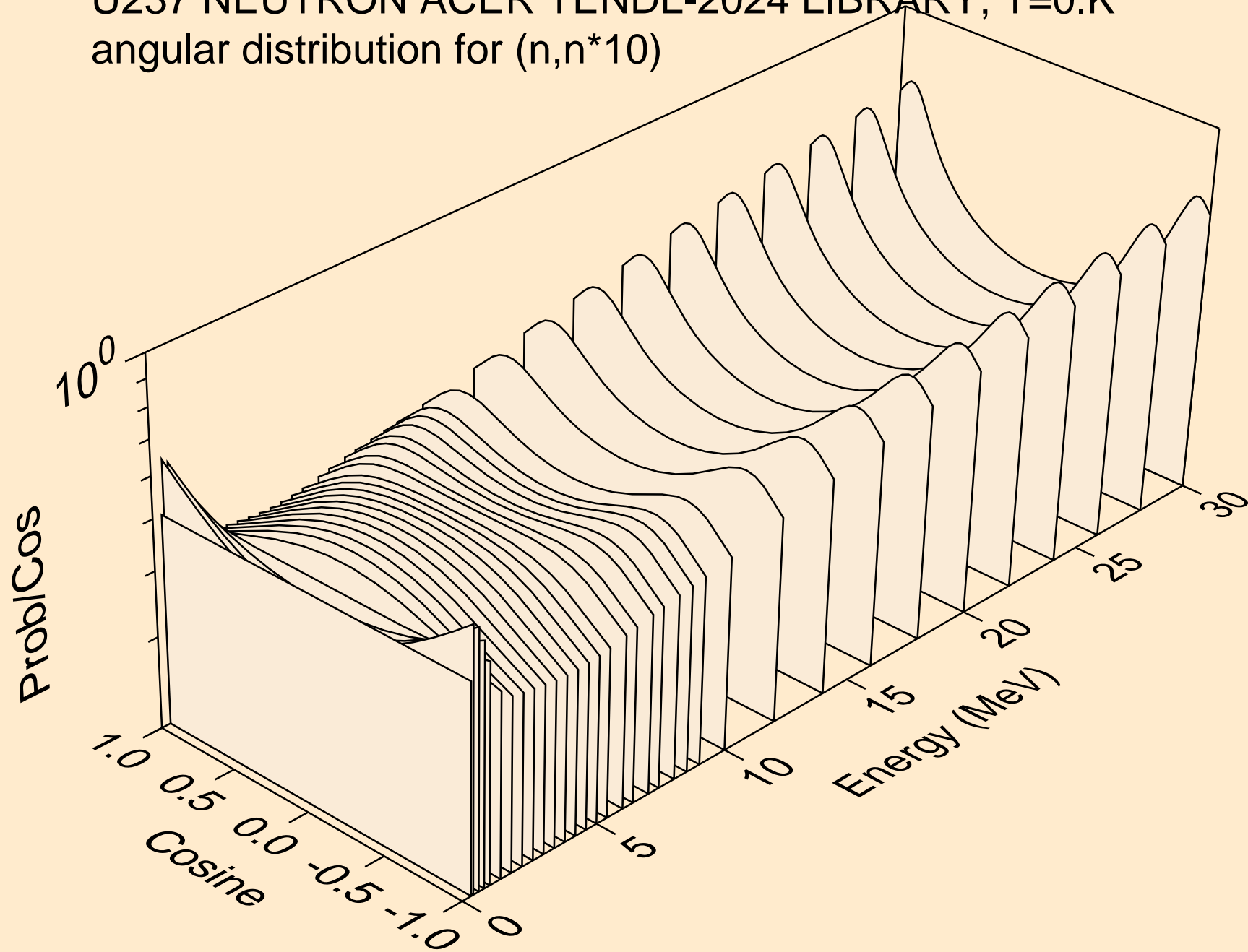
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angular distribution for (n,n\*8)



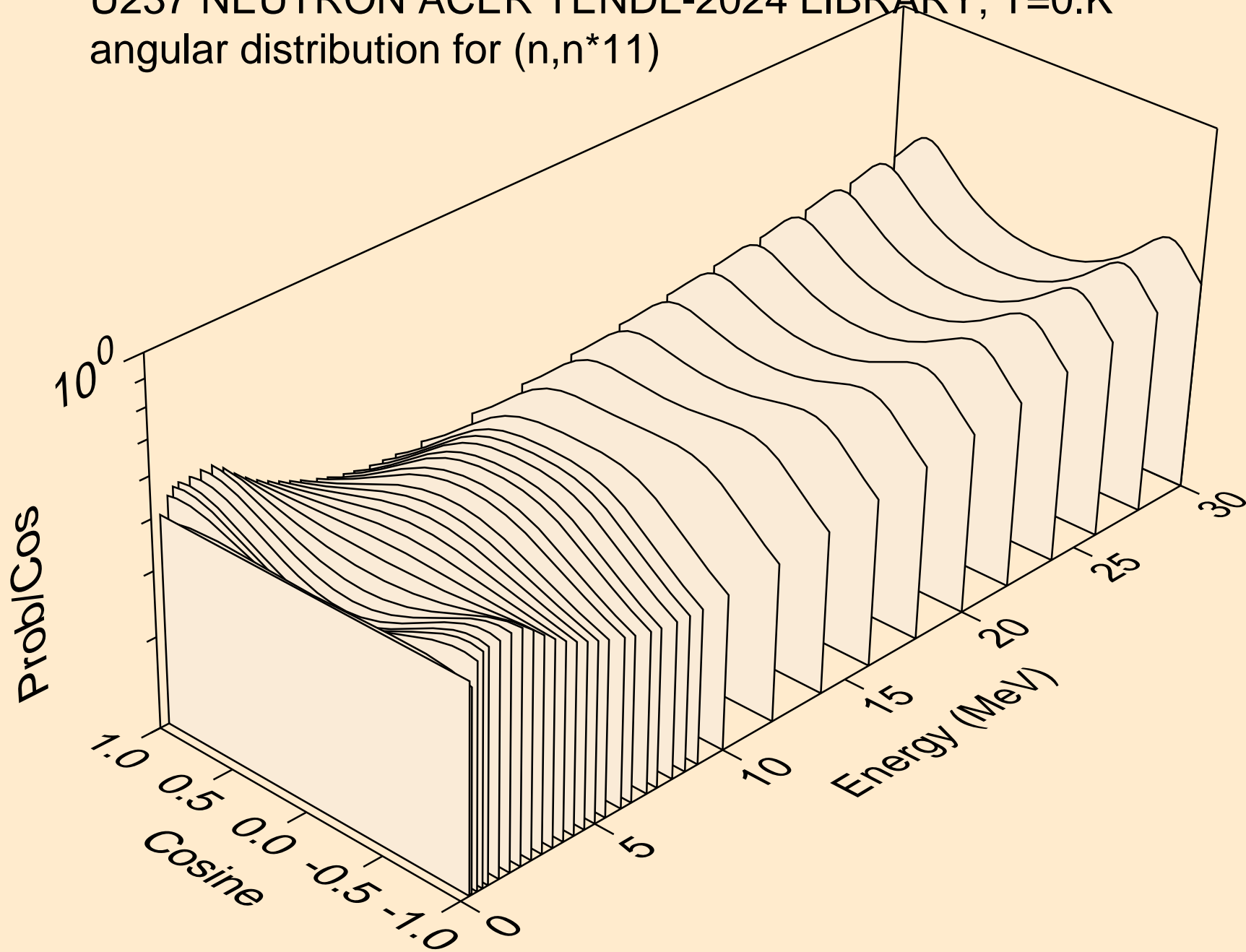
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angular distribution for (n,n\*9)



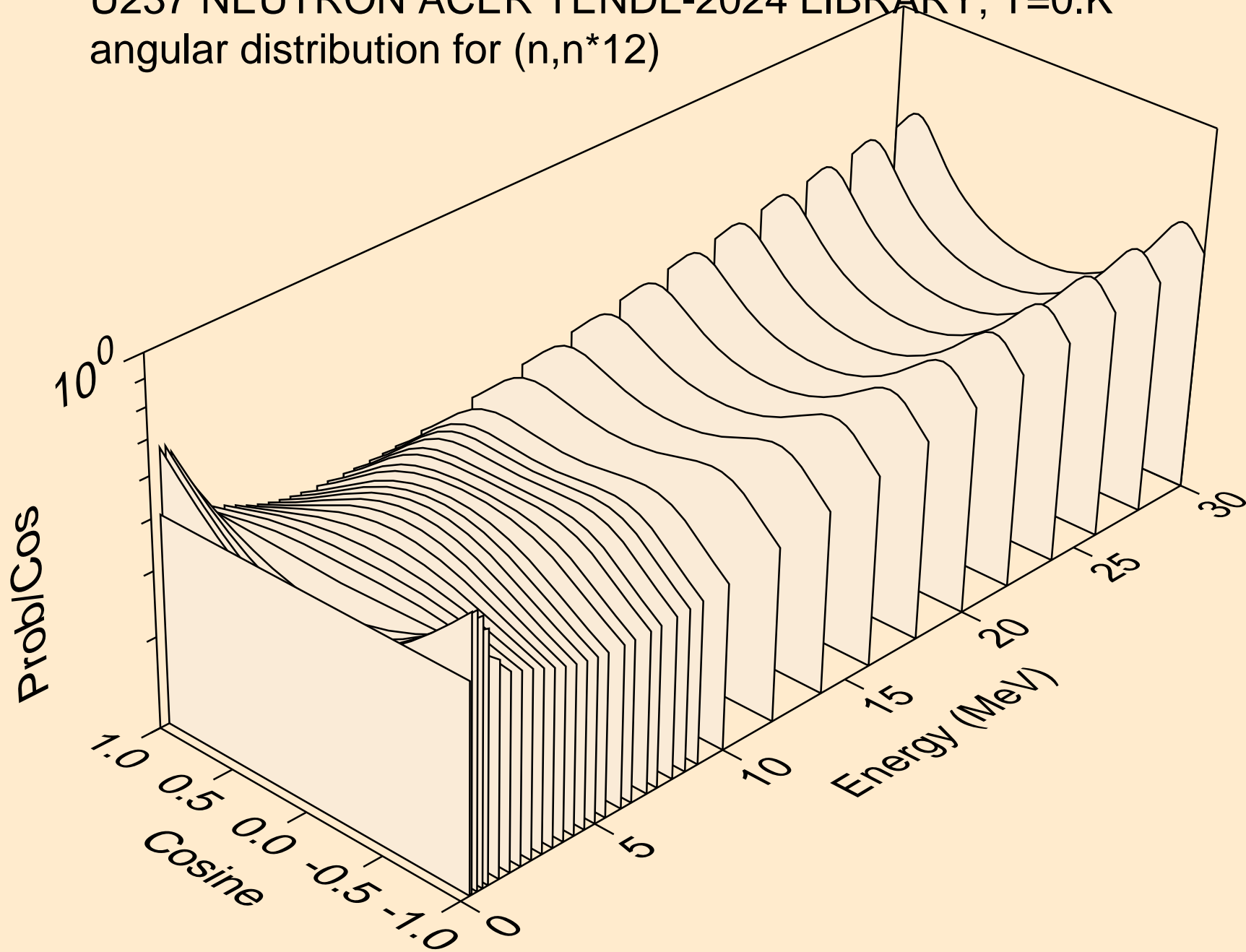
U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)

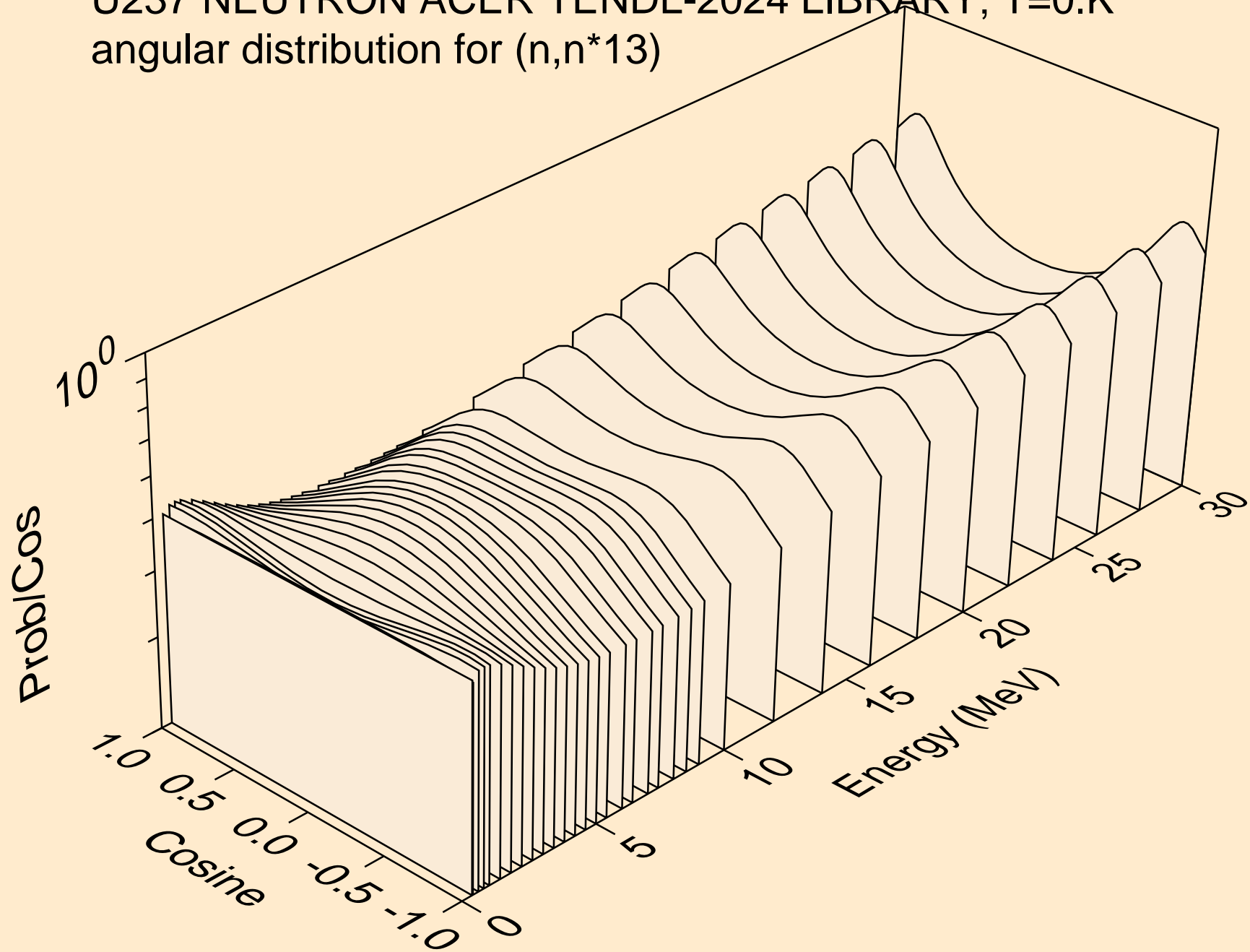


U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)

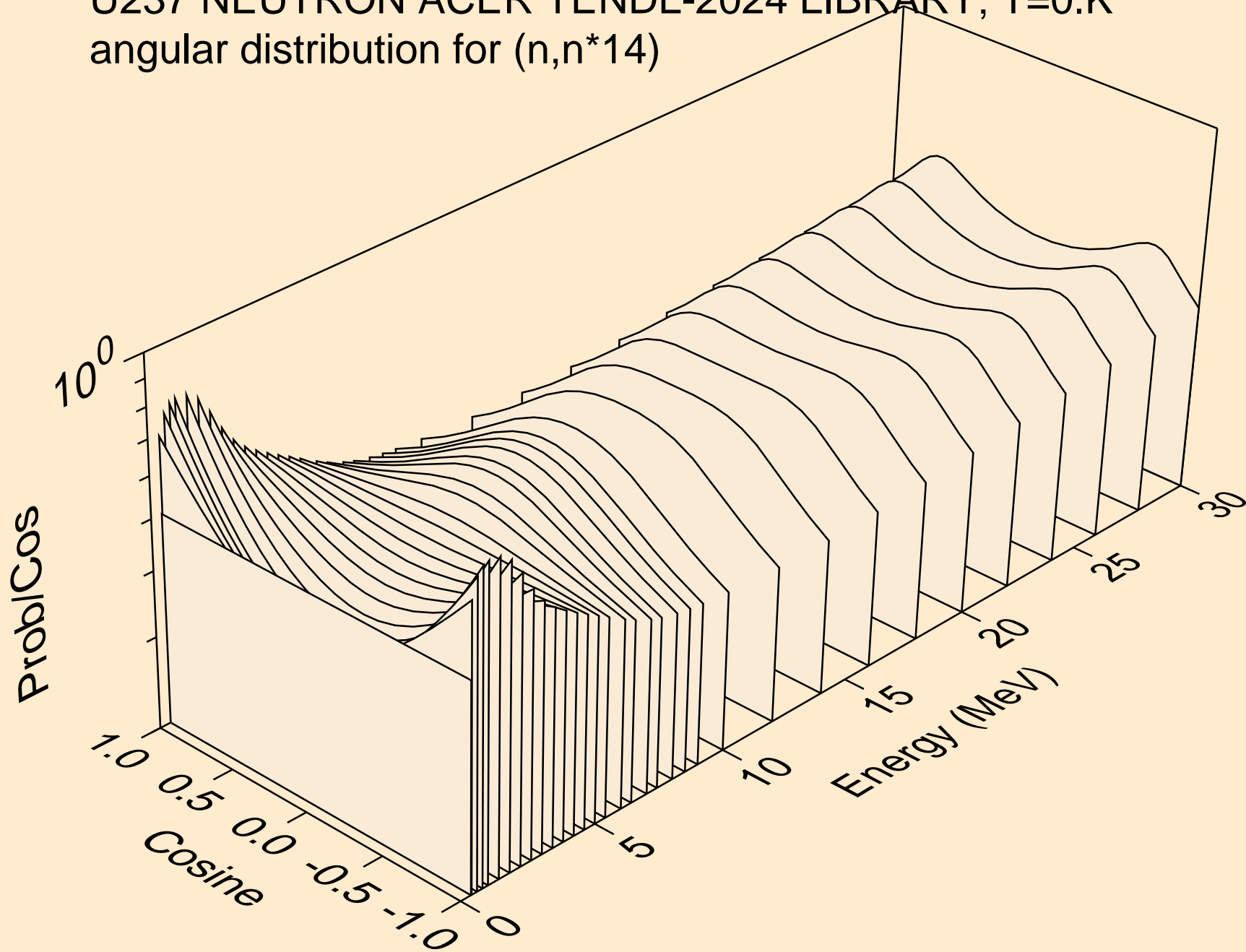




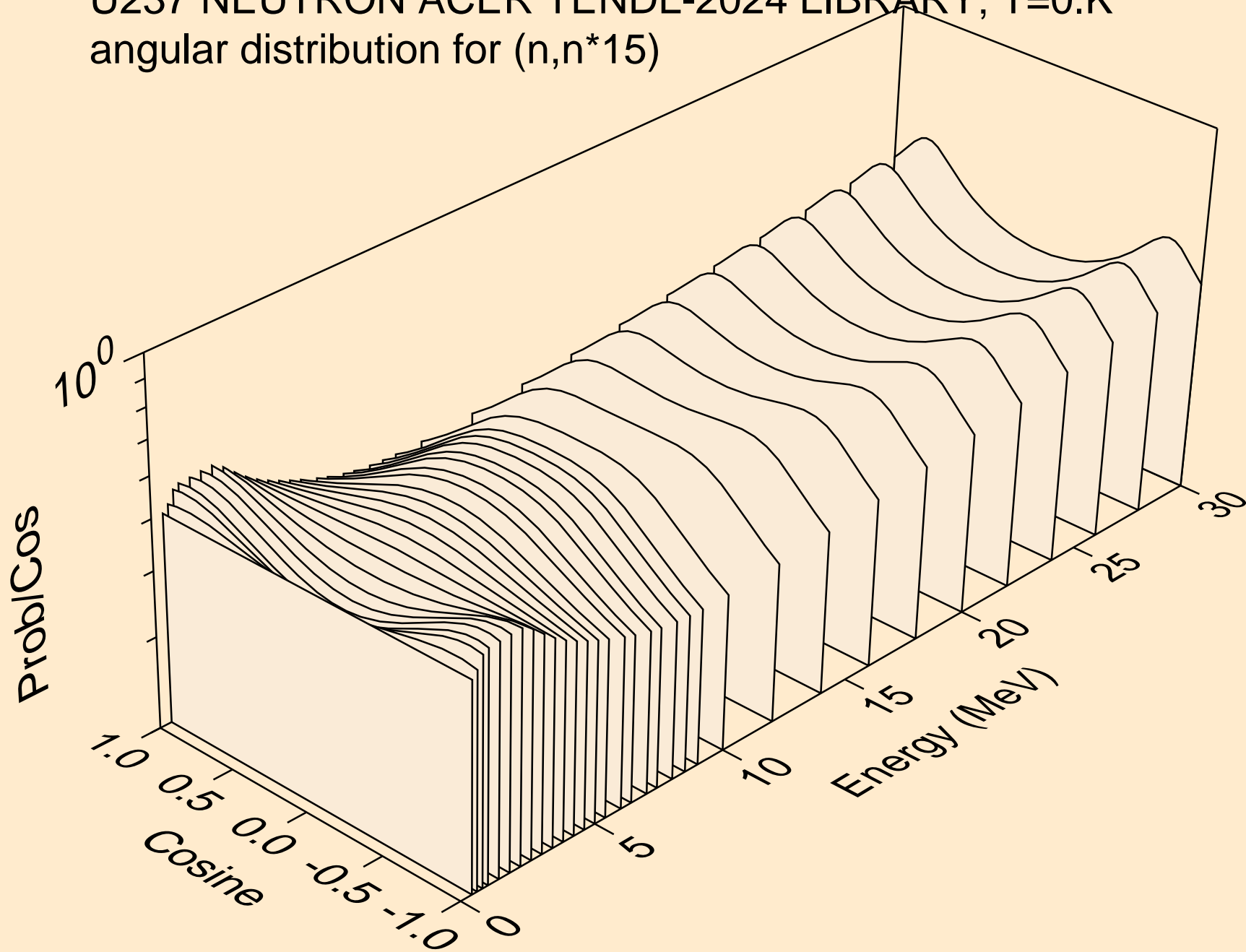
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angular distribution for (n,n\*13)



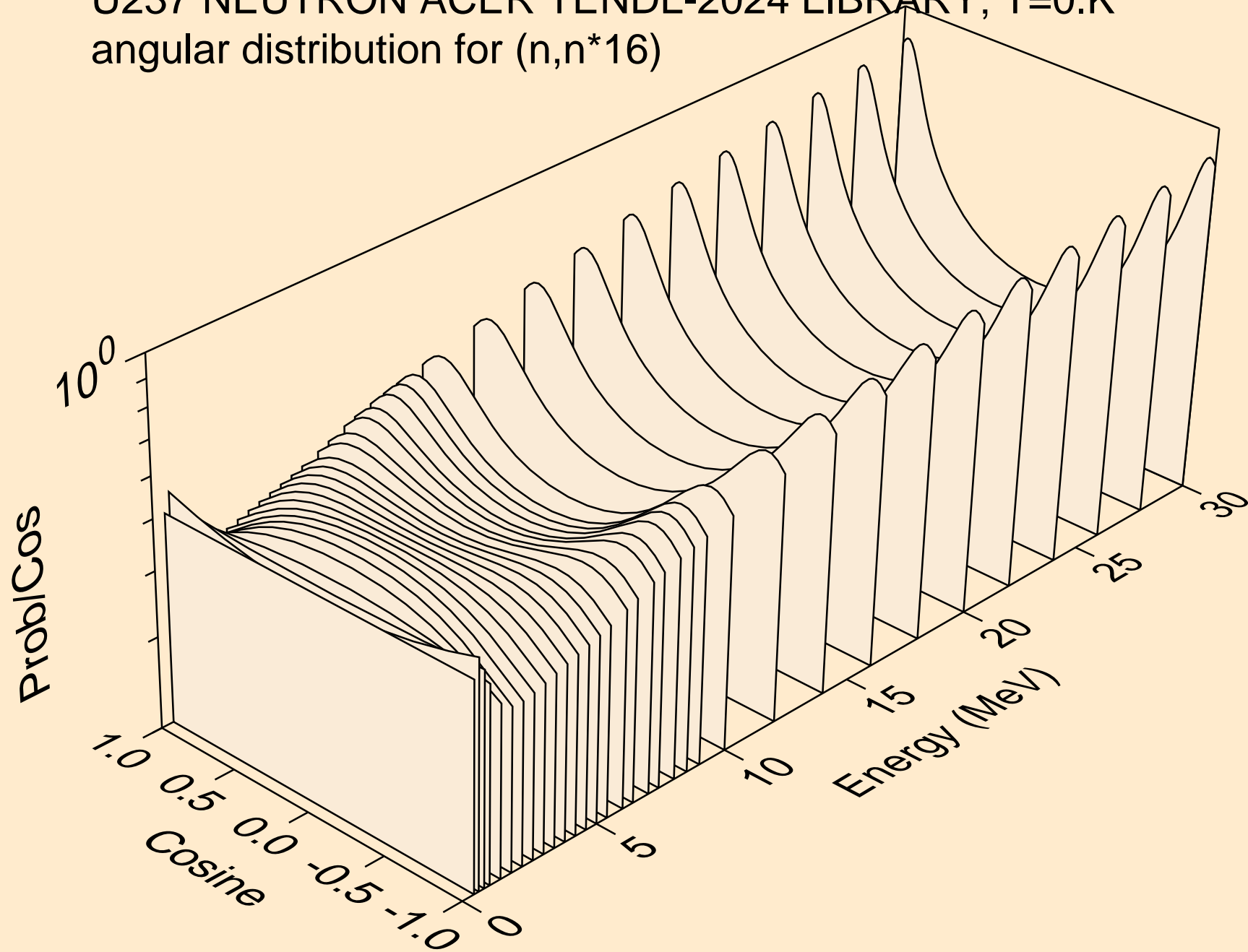
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angular distribution for (n,n\*14)



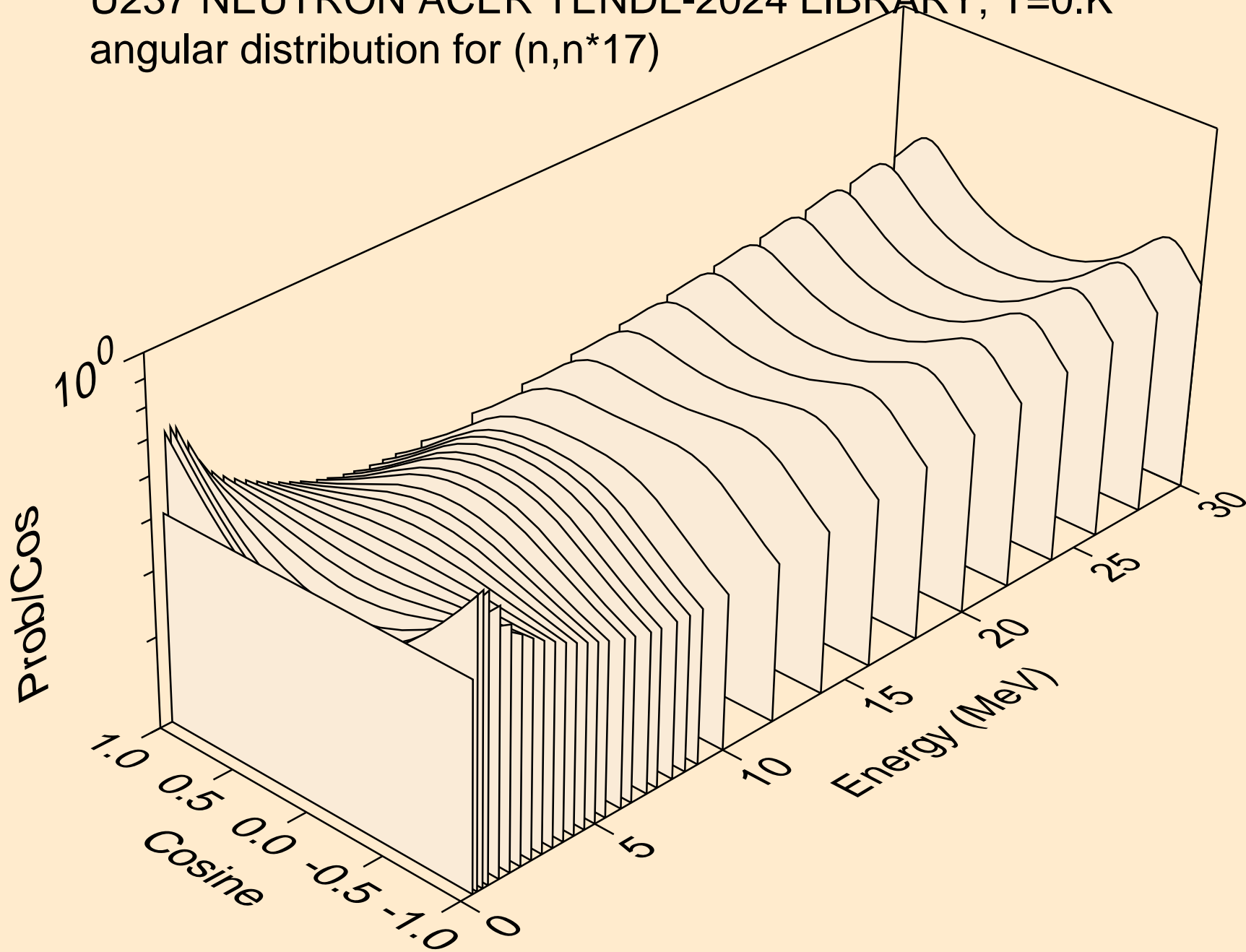
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angular distribution for (n,n\*15)



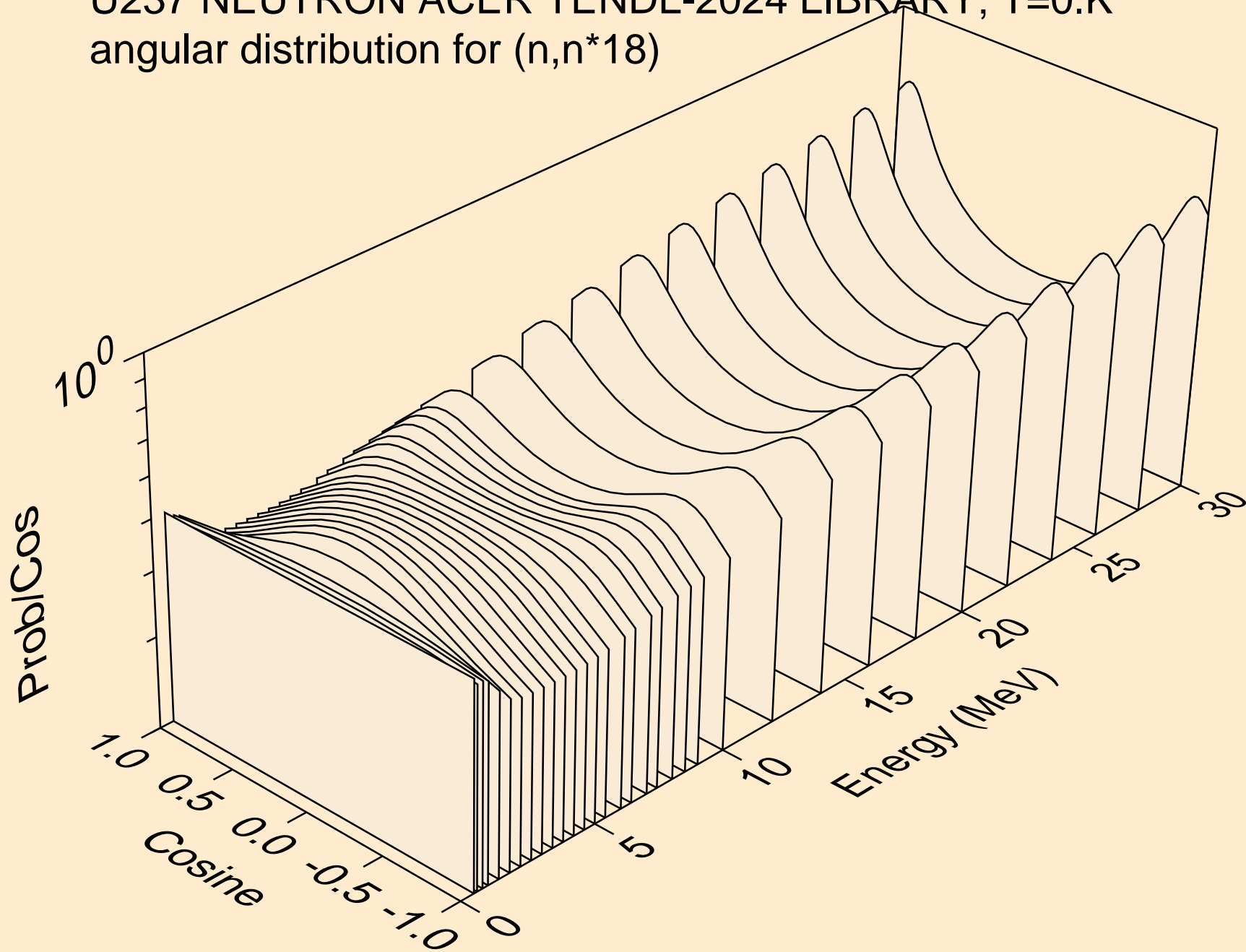
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angular distribution for (n,n\*16)



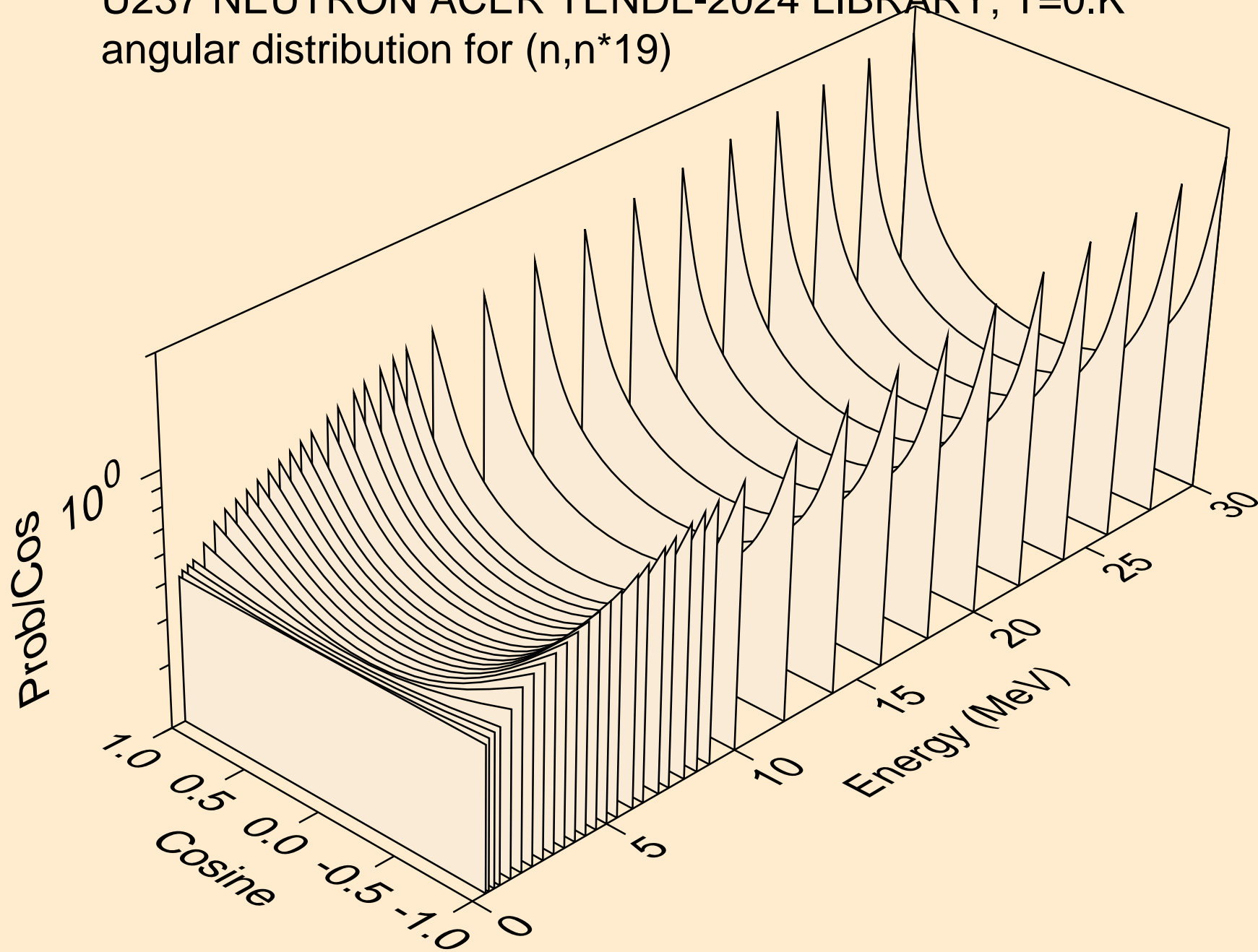
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angular distribution for (n,n\*17)



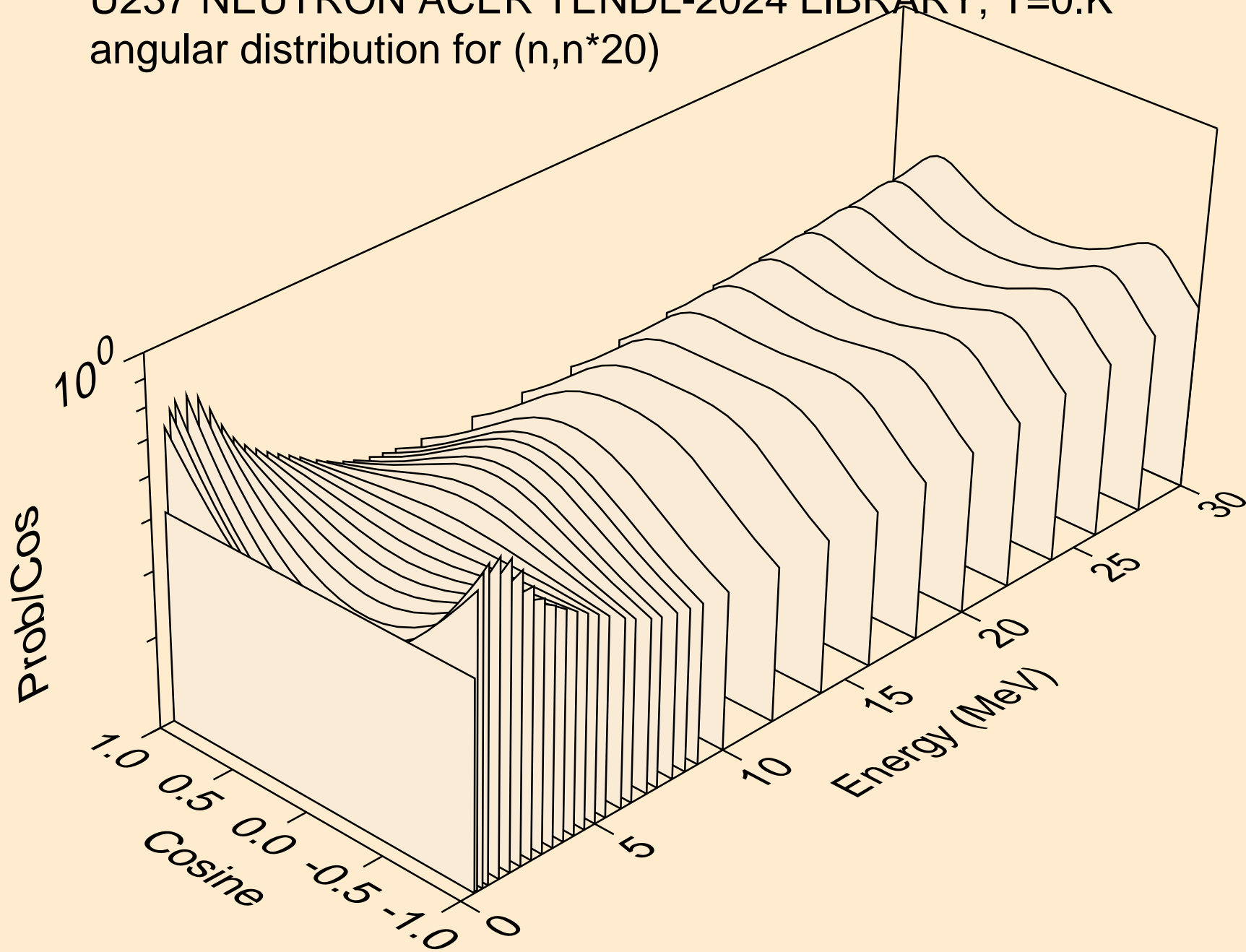
U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)



U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*19)

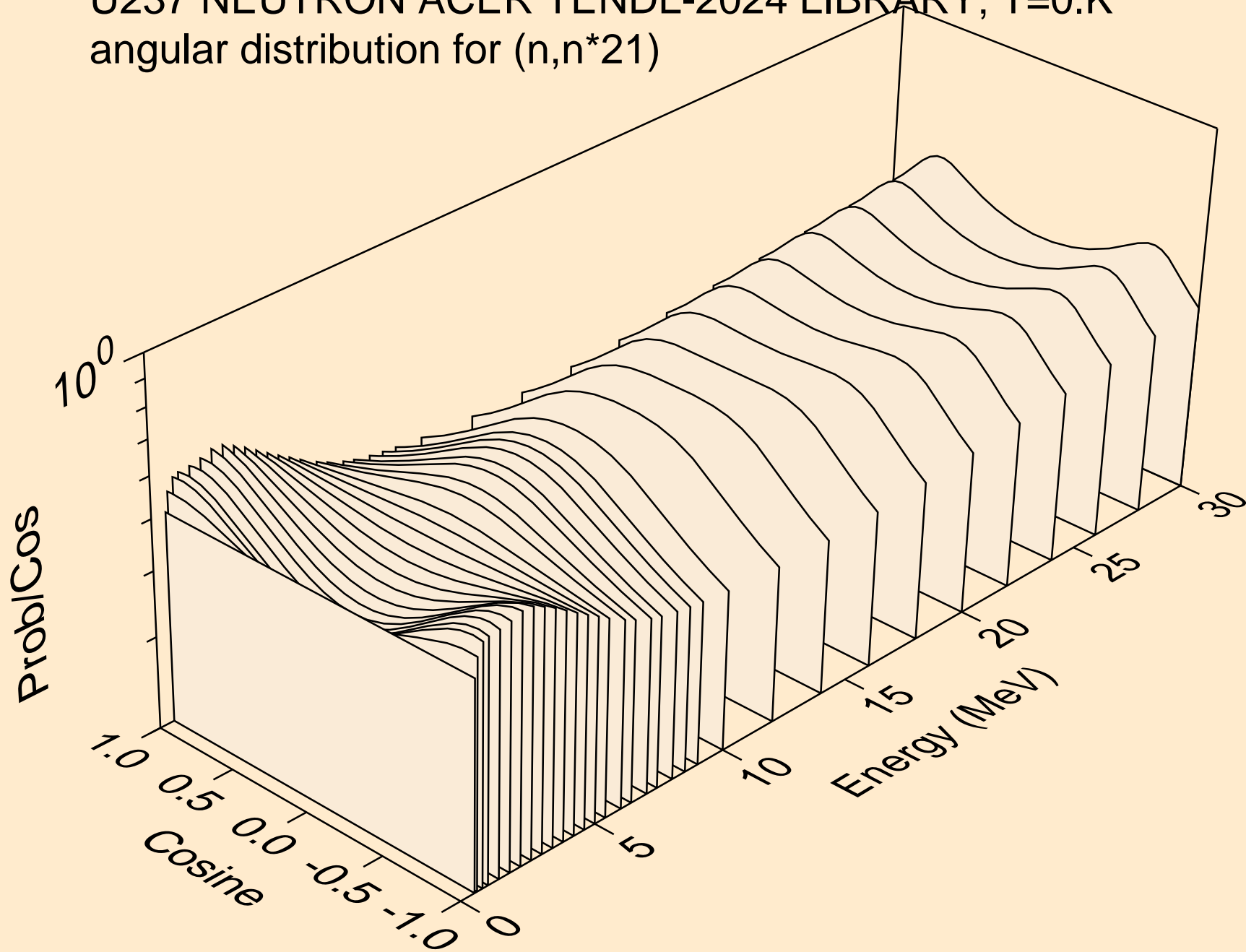


U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)

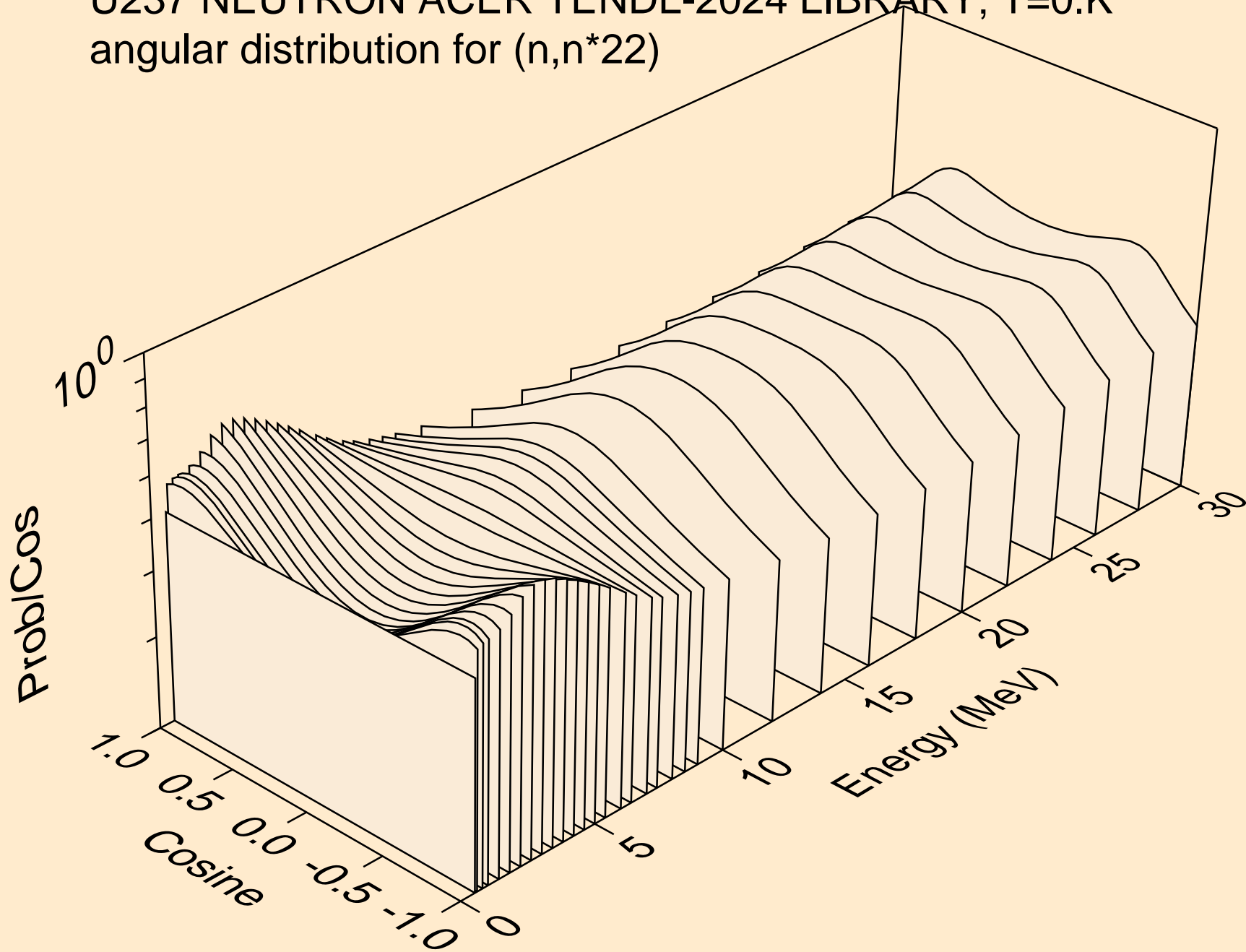




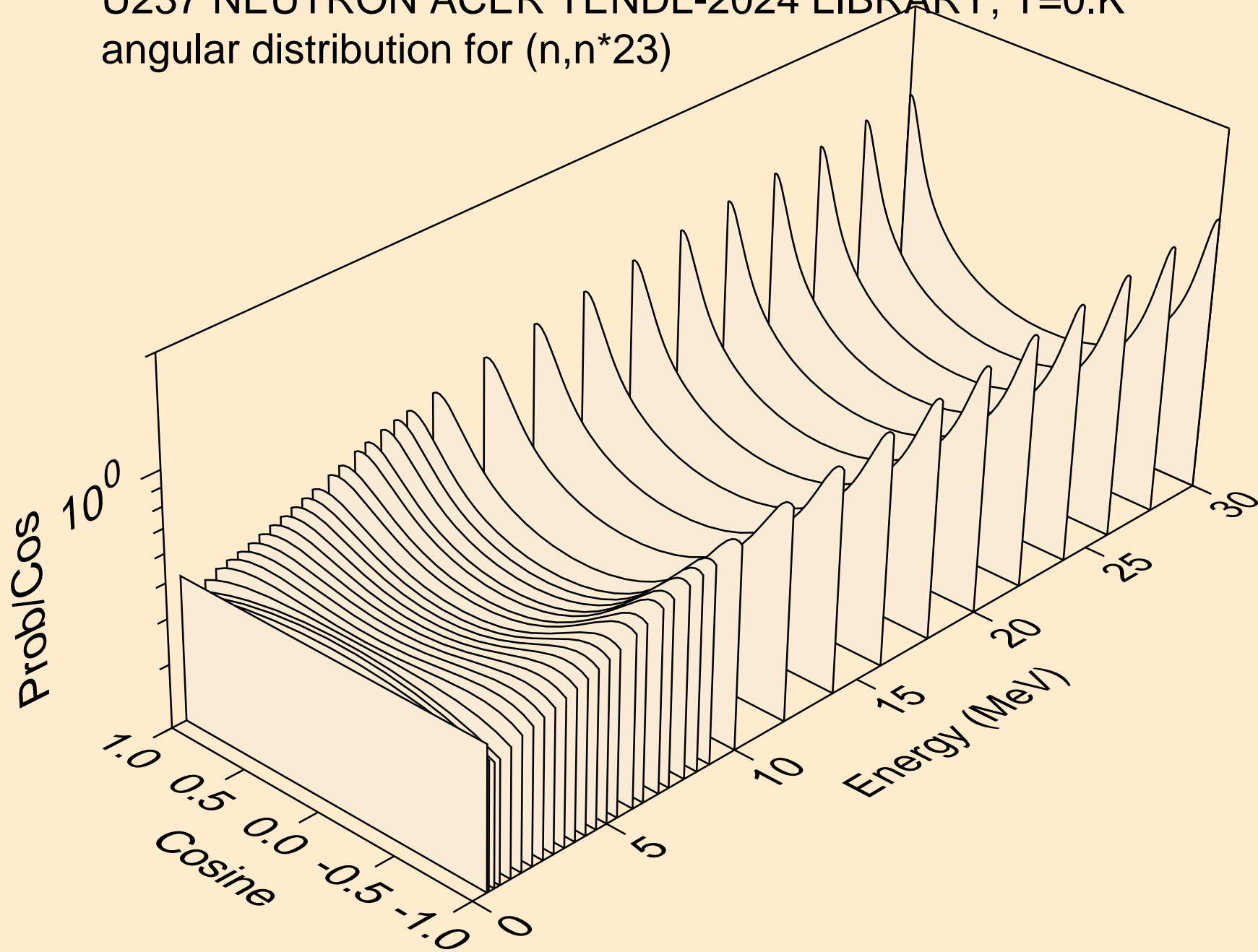
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angular distribution for (n,n\*21)



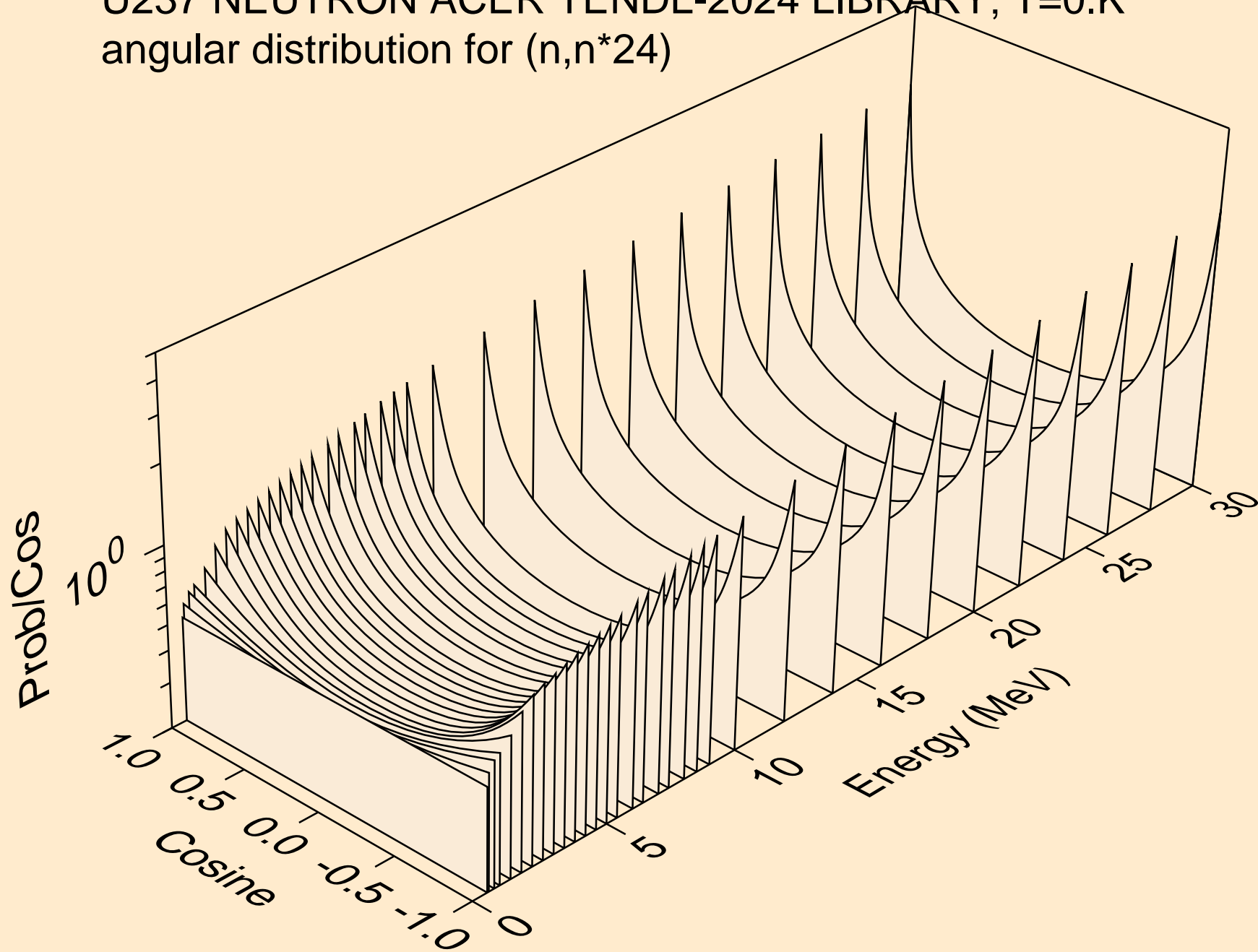
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angular distribution for (n,n\*22)



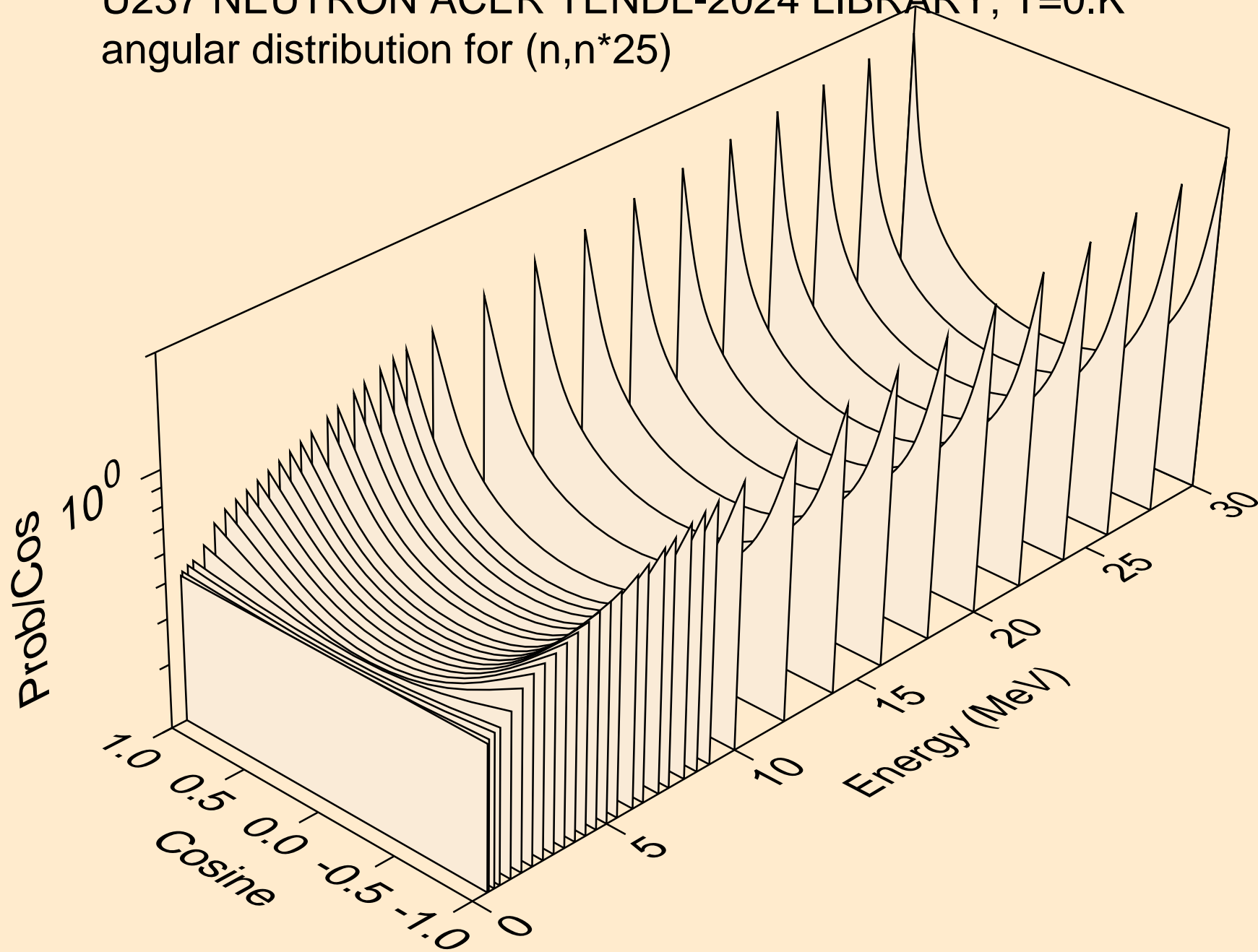
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angular distribution for (n,n\*23)



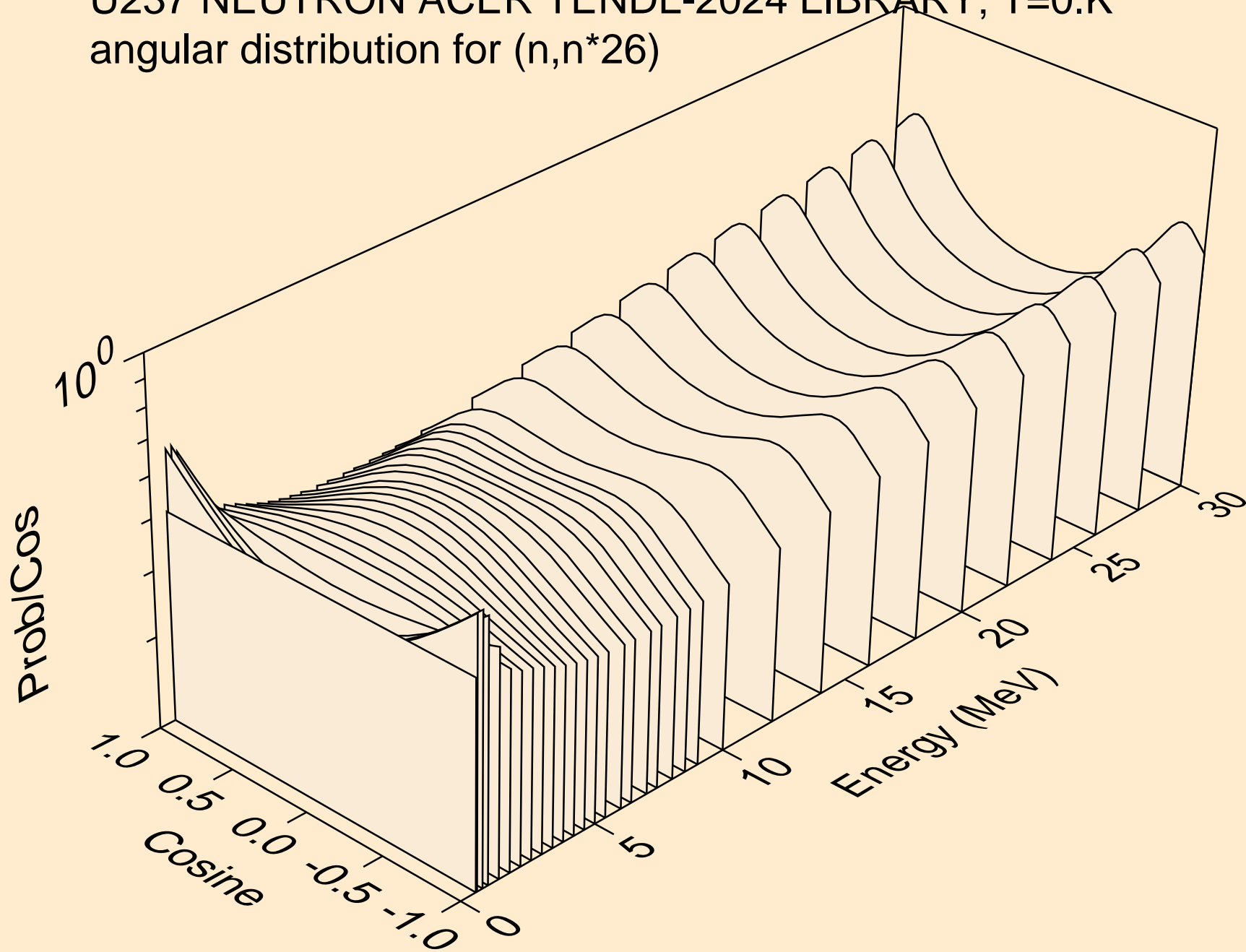
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angular distribution for (n,n\*24)



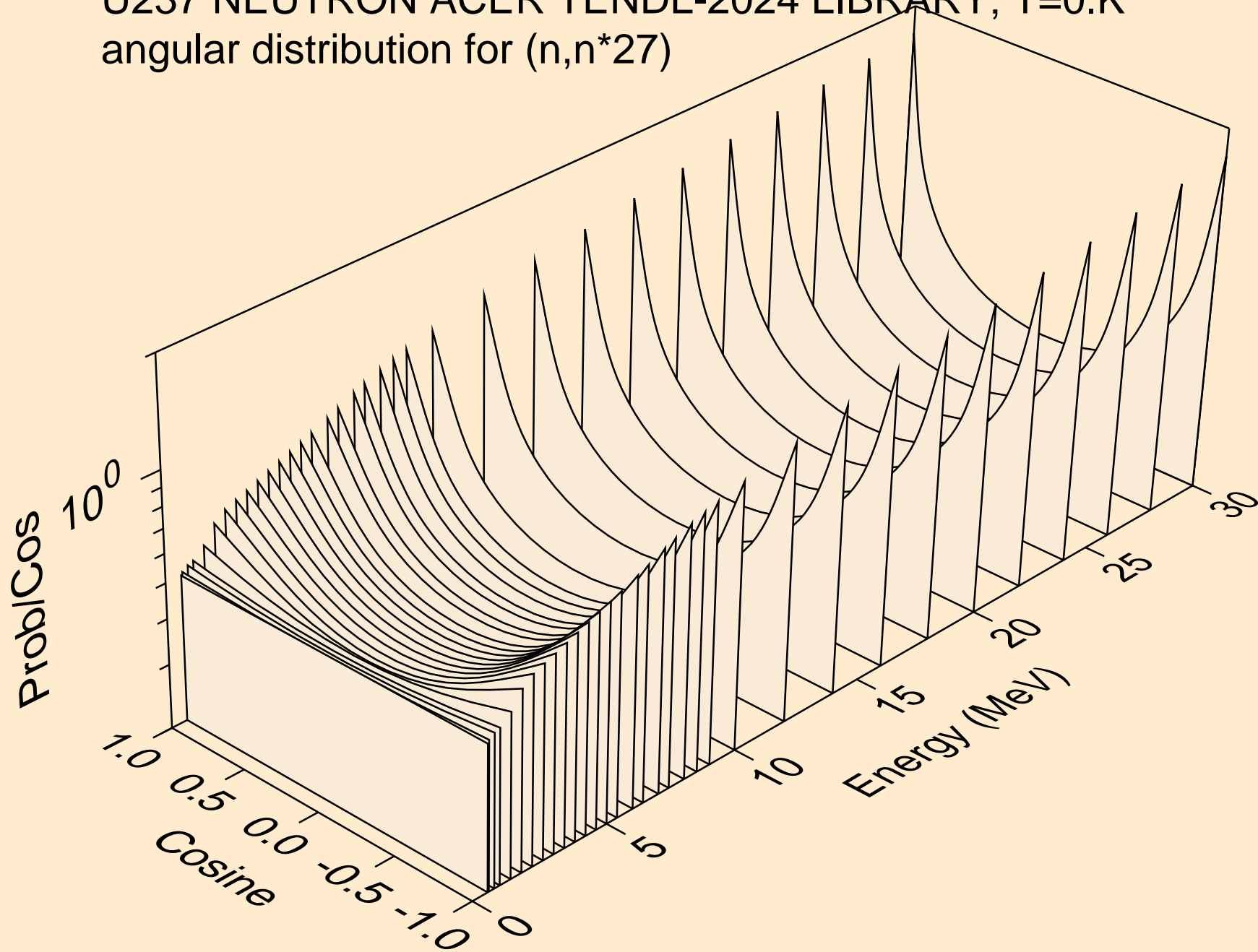
U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



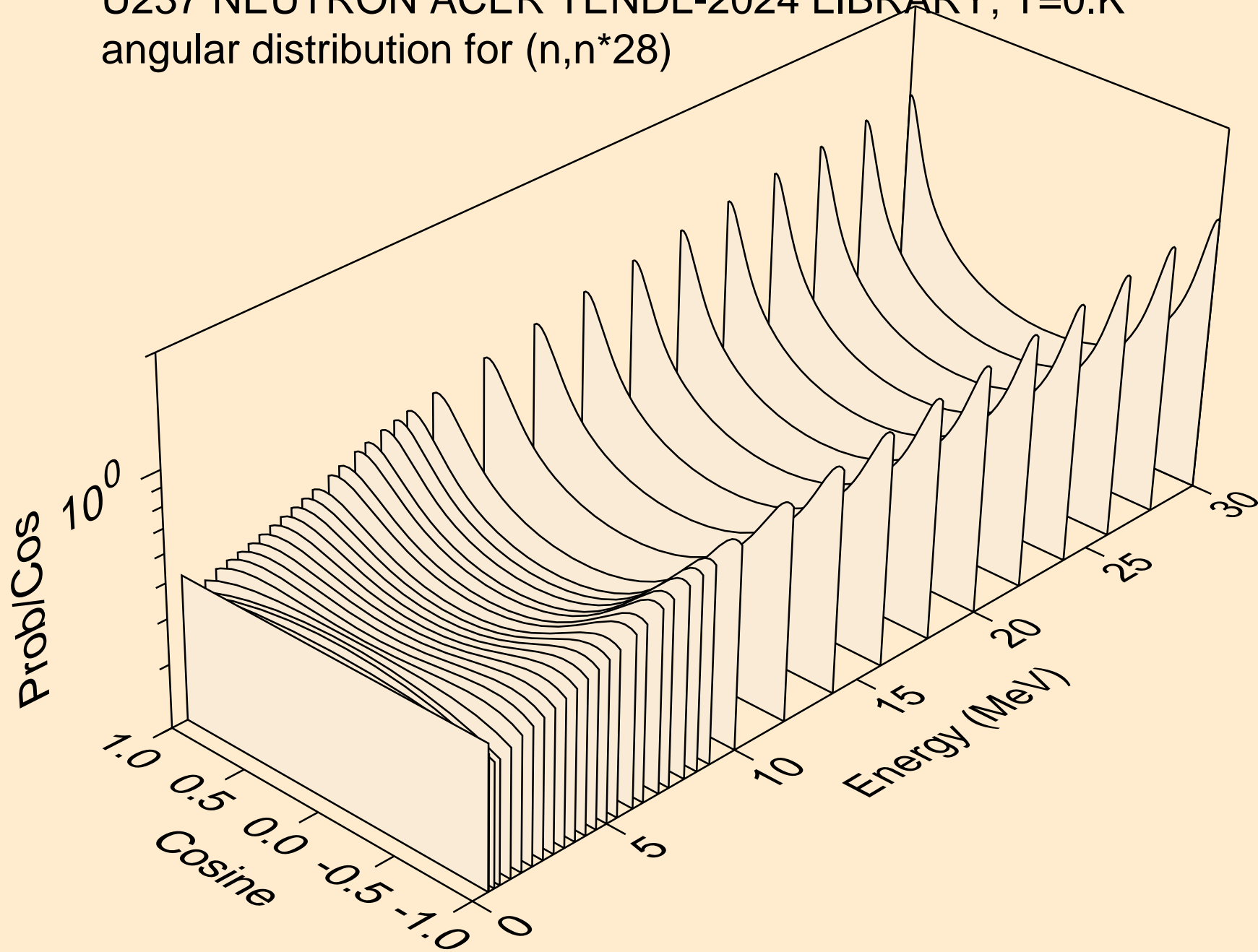
U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)



U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)

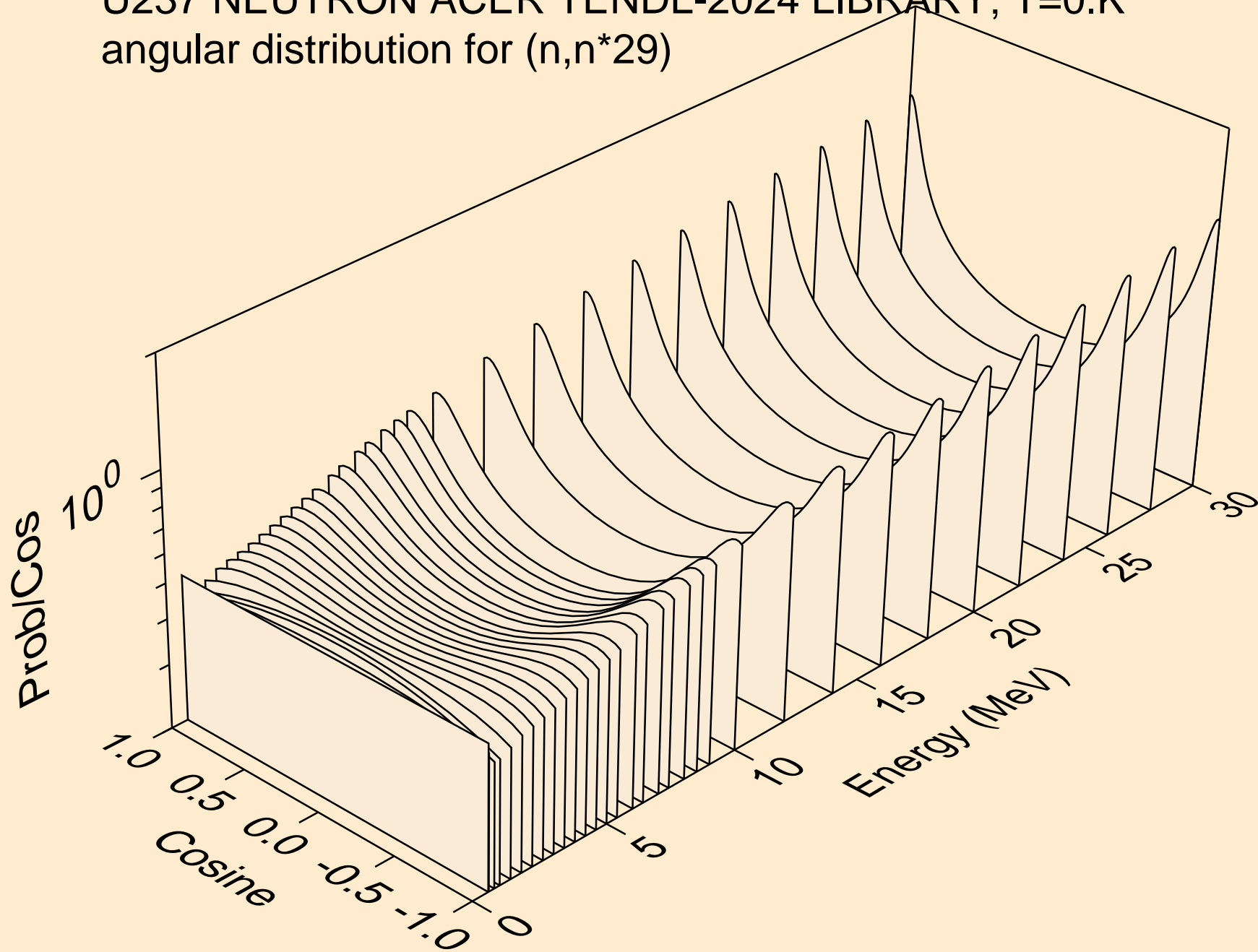


U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*28)



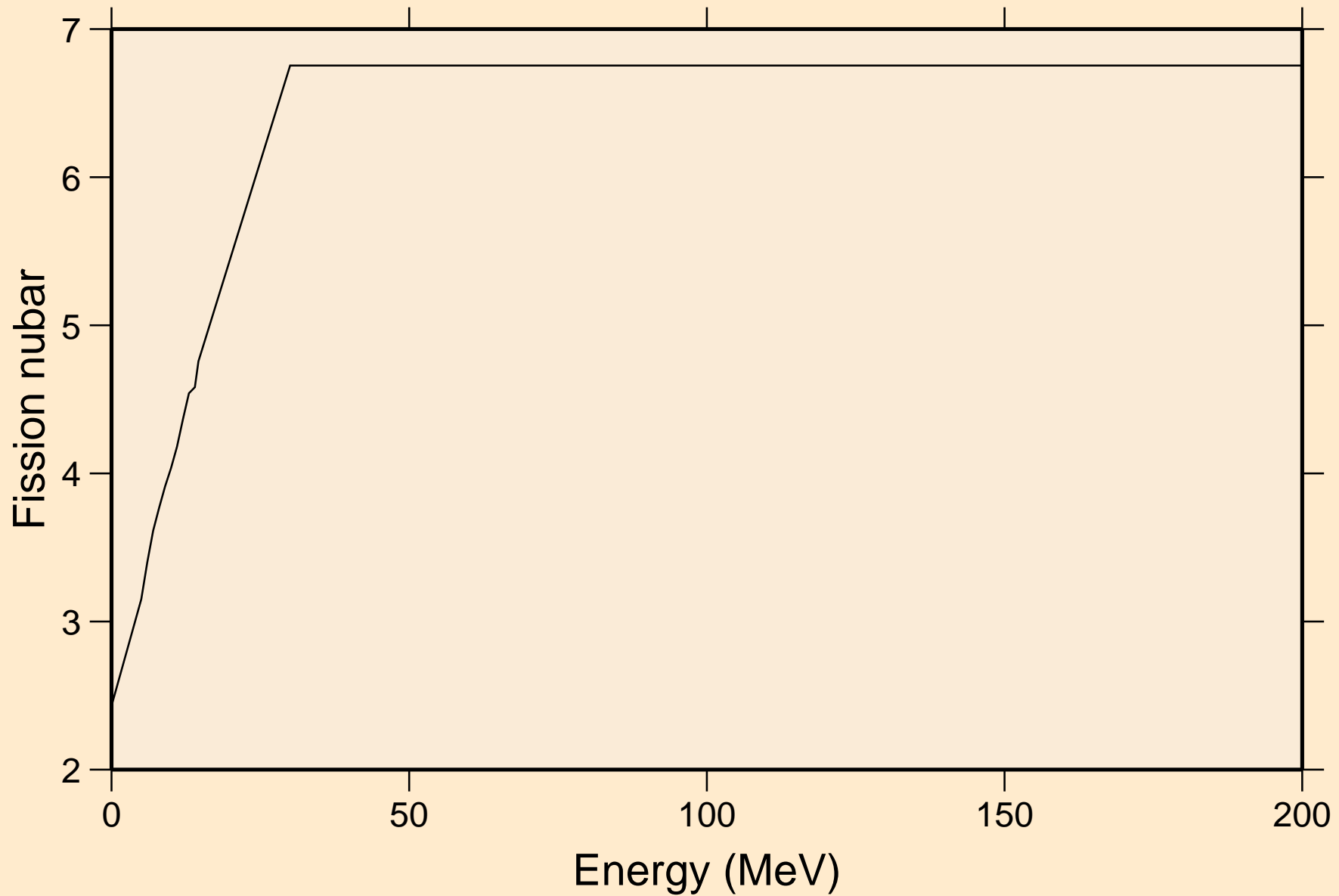


U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*29)

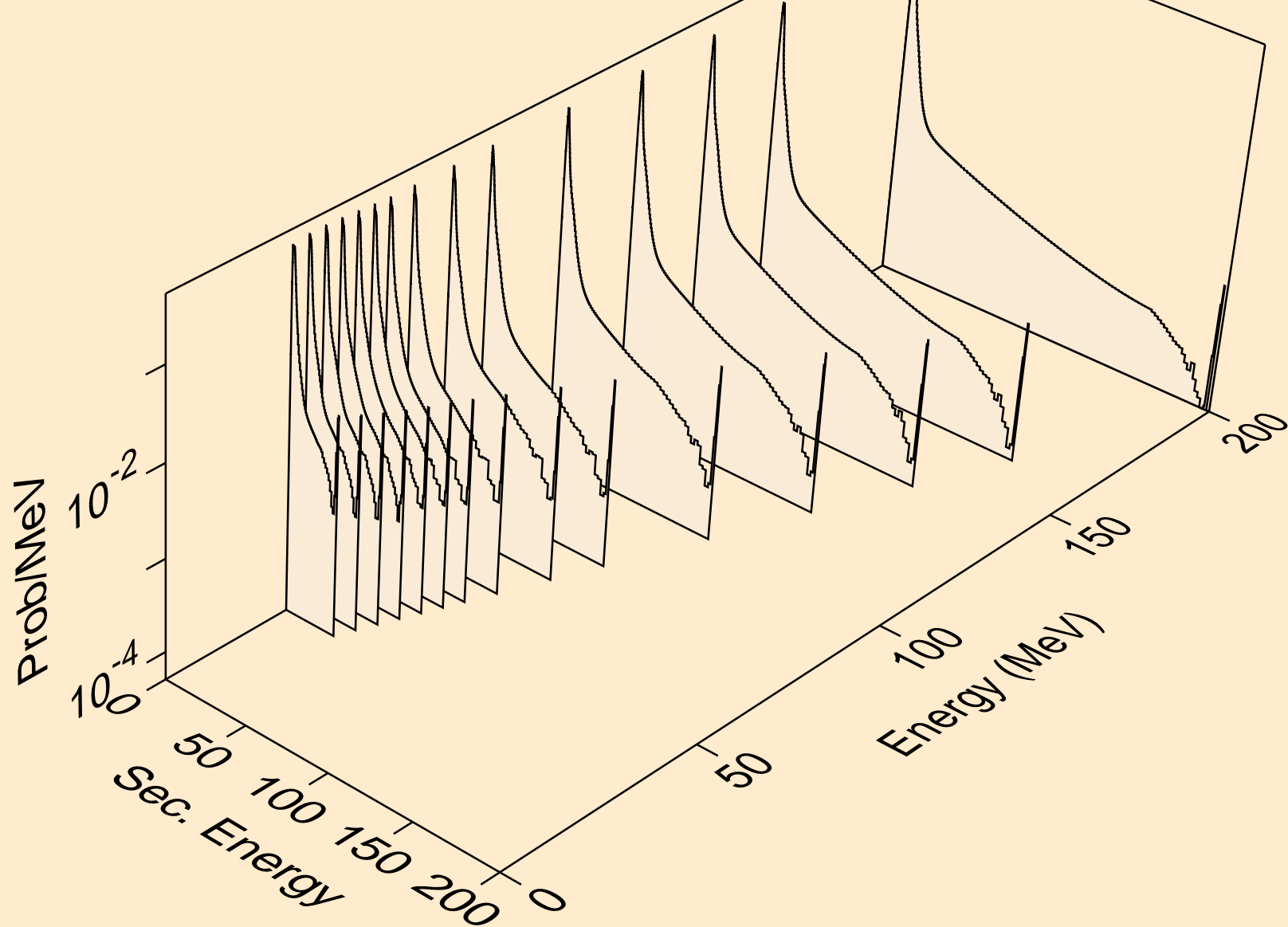


U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

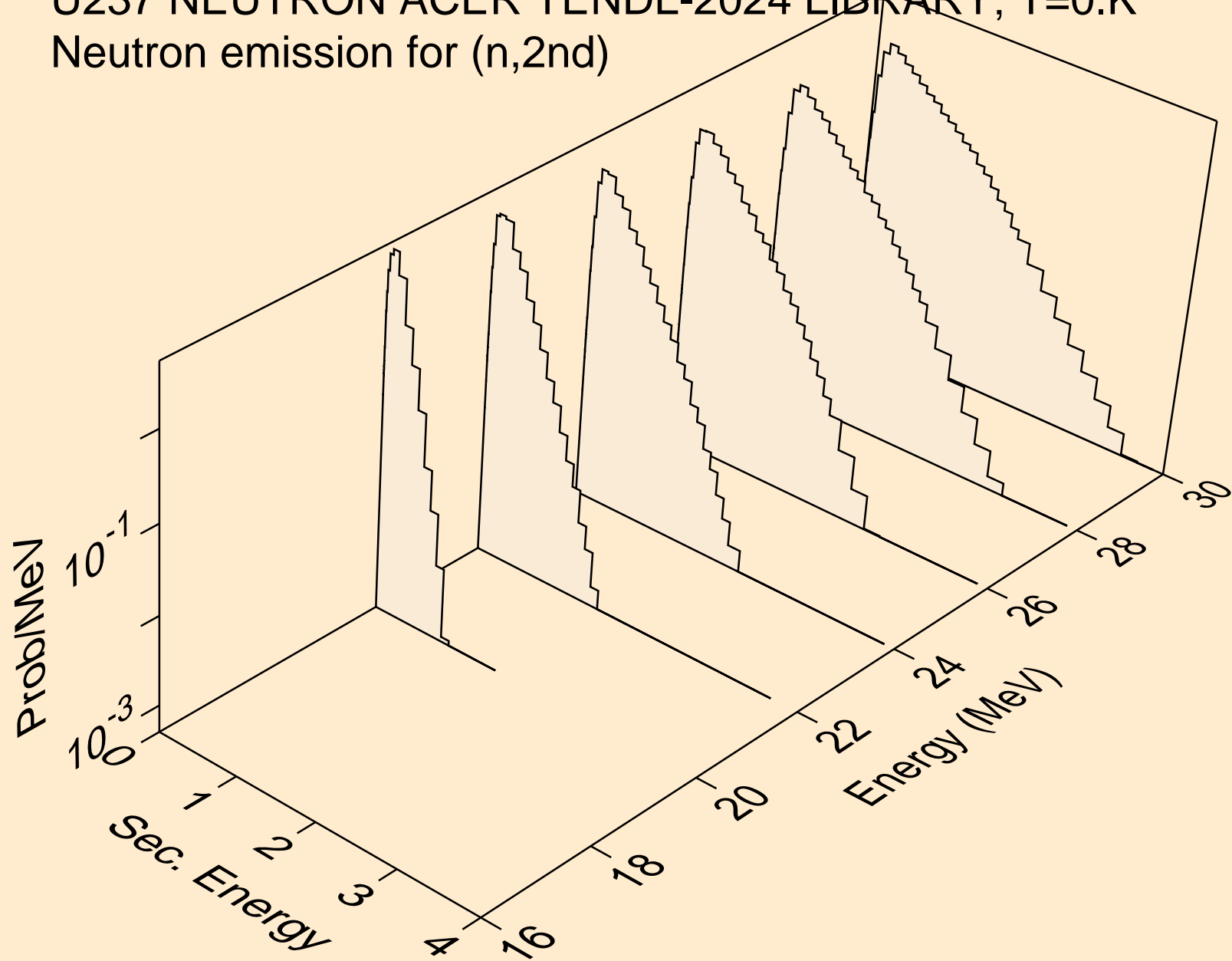
Total fission nubar



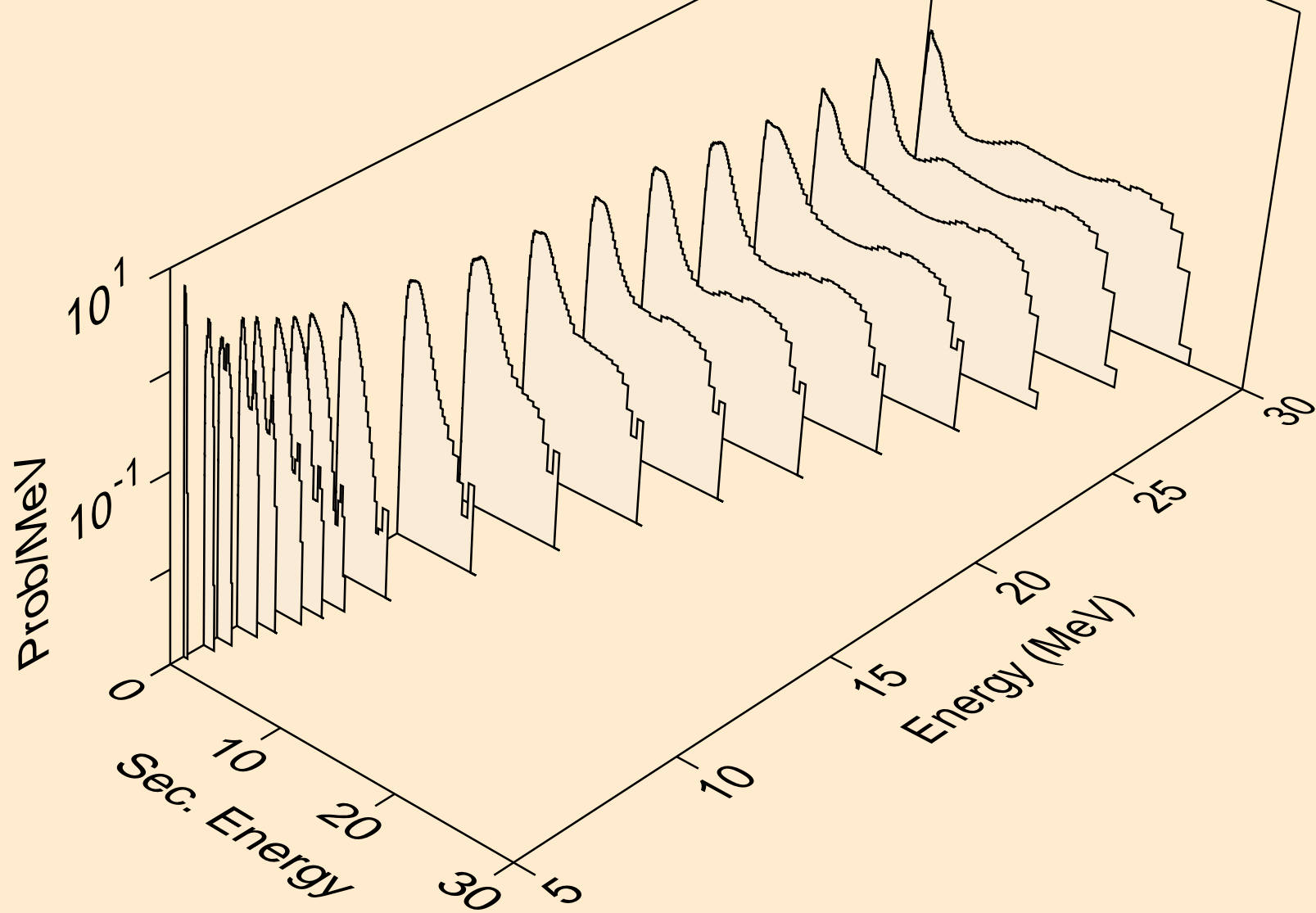
U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



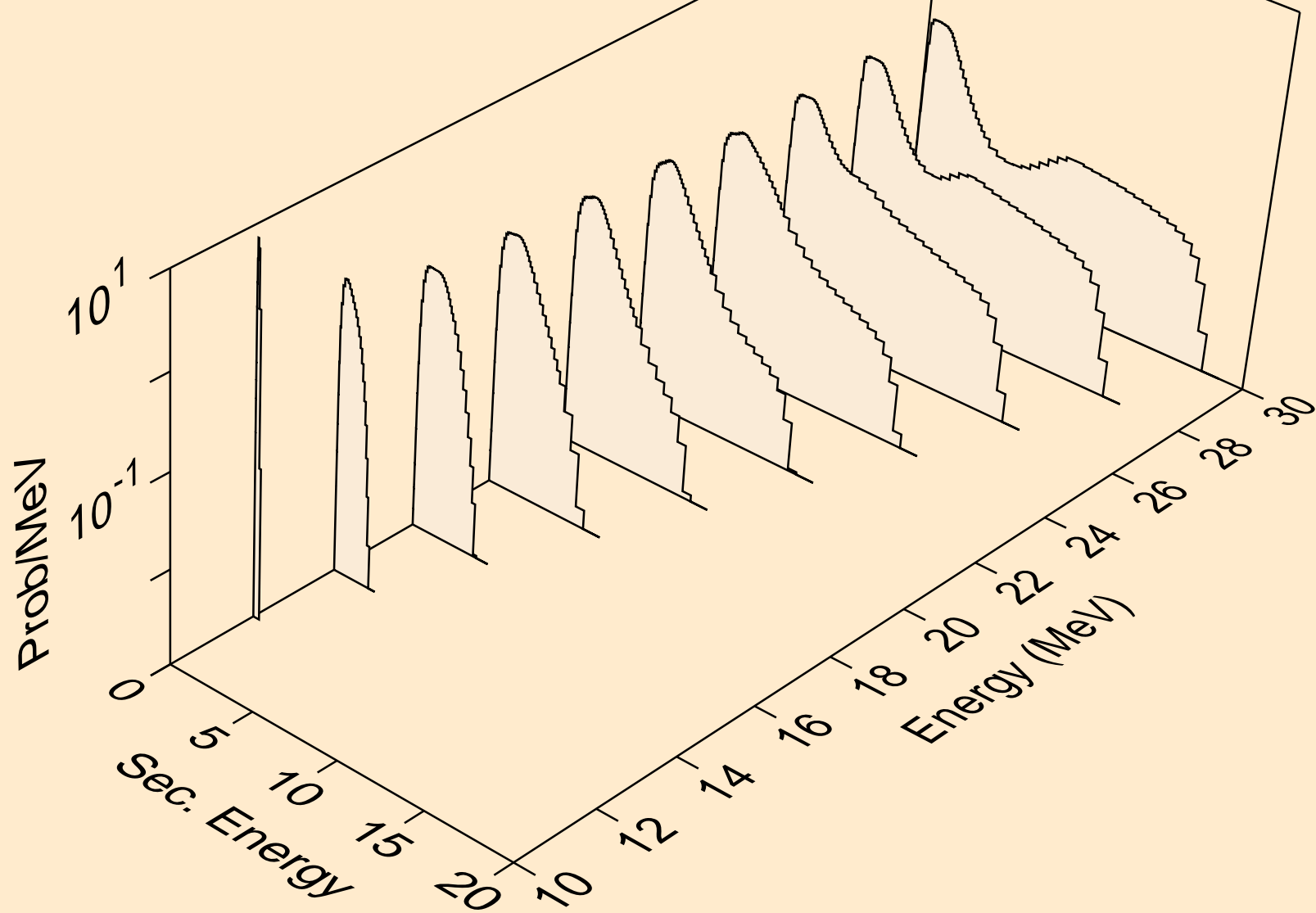
U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



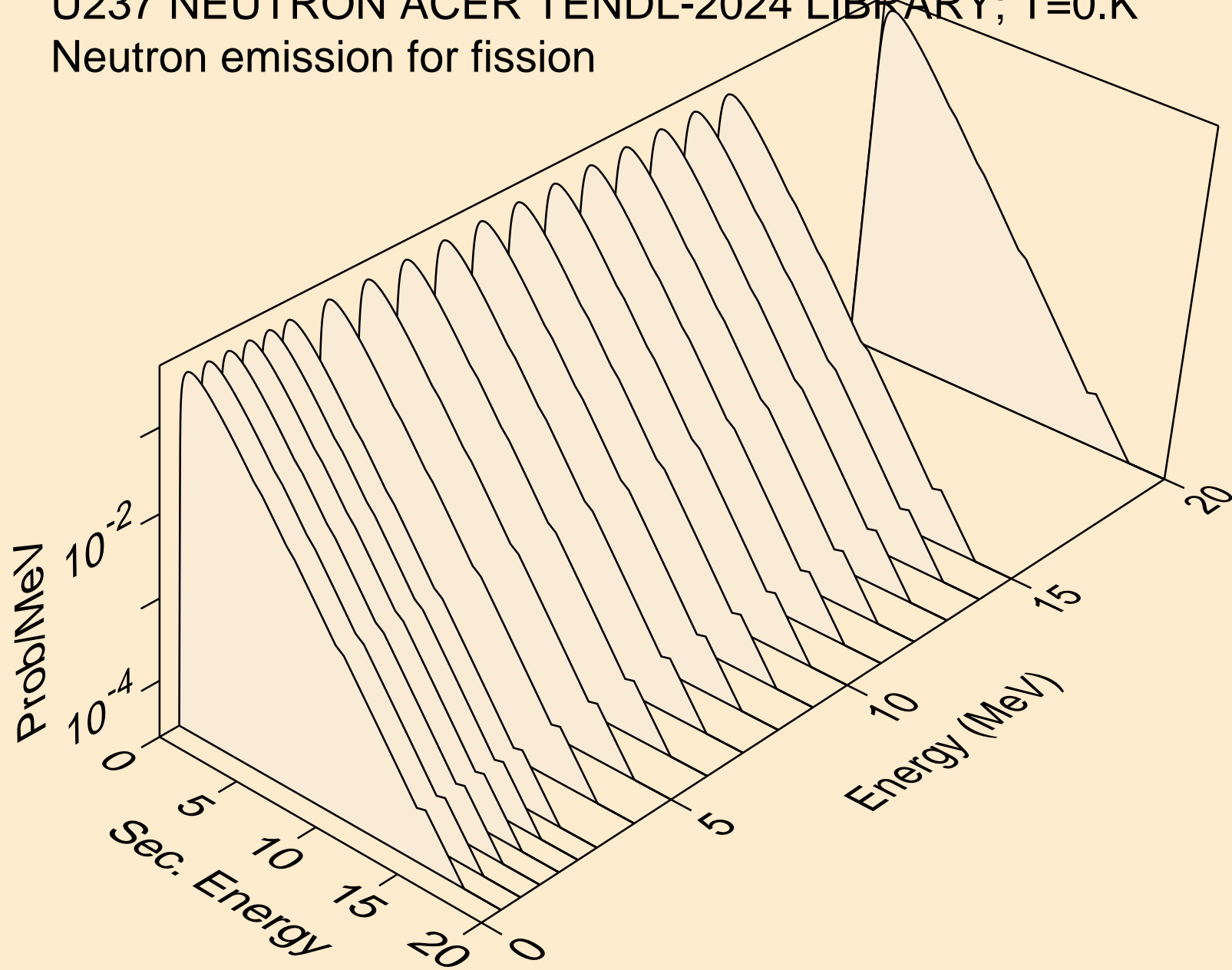
U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



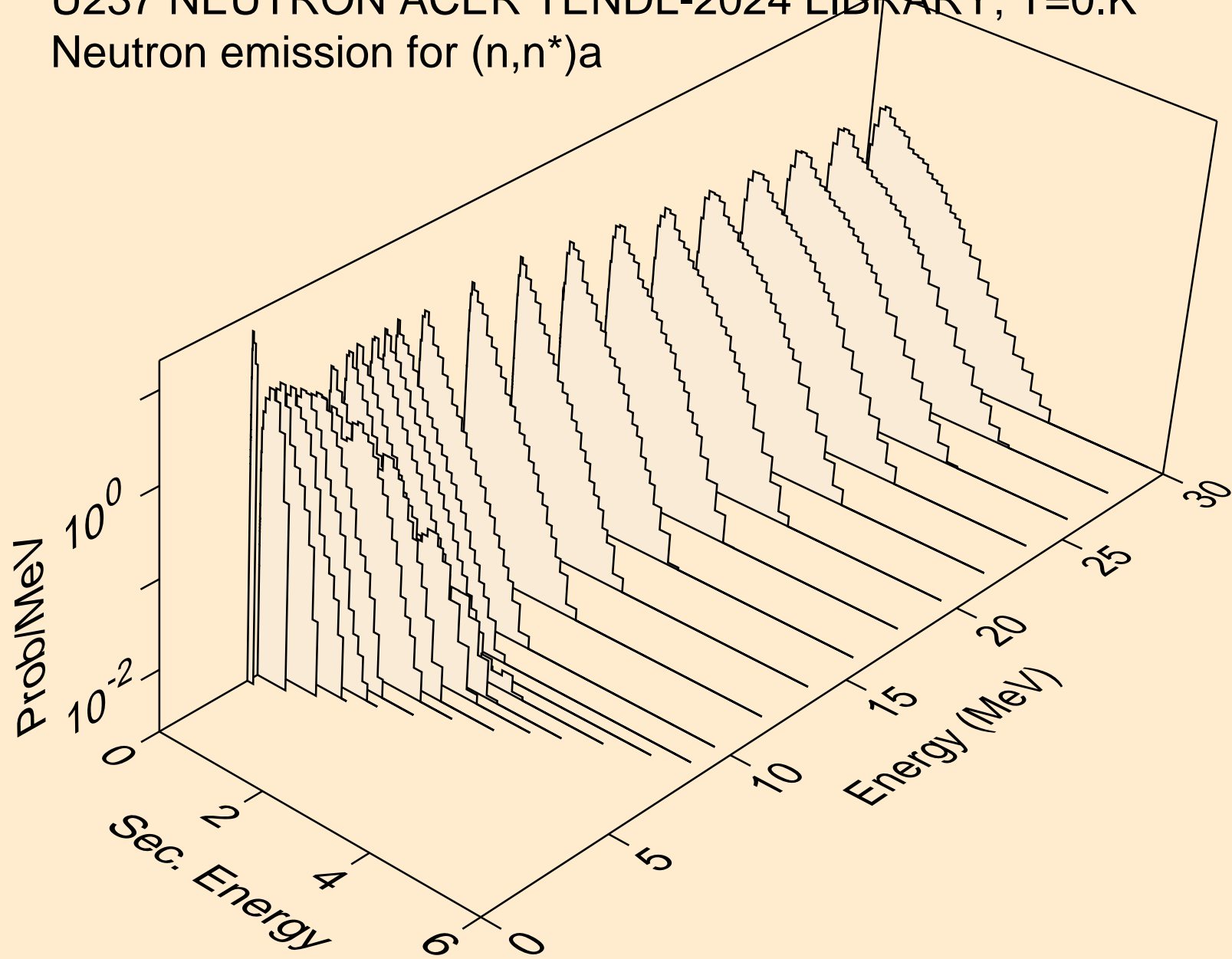
U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for fission

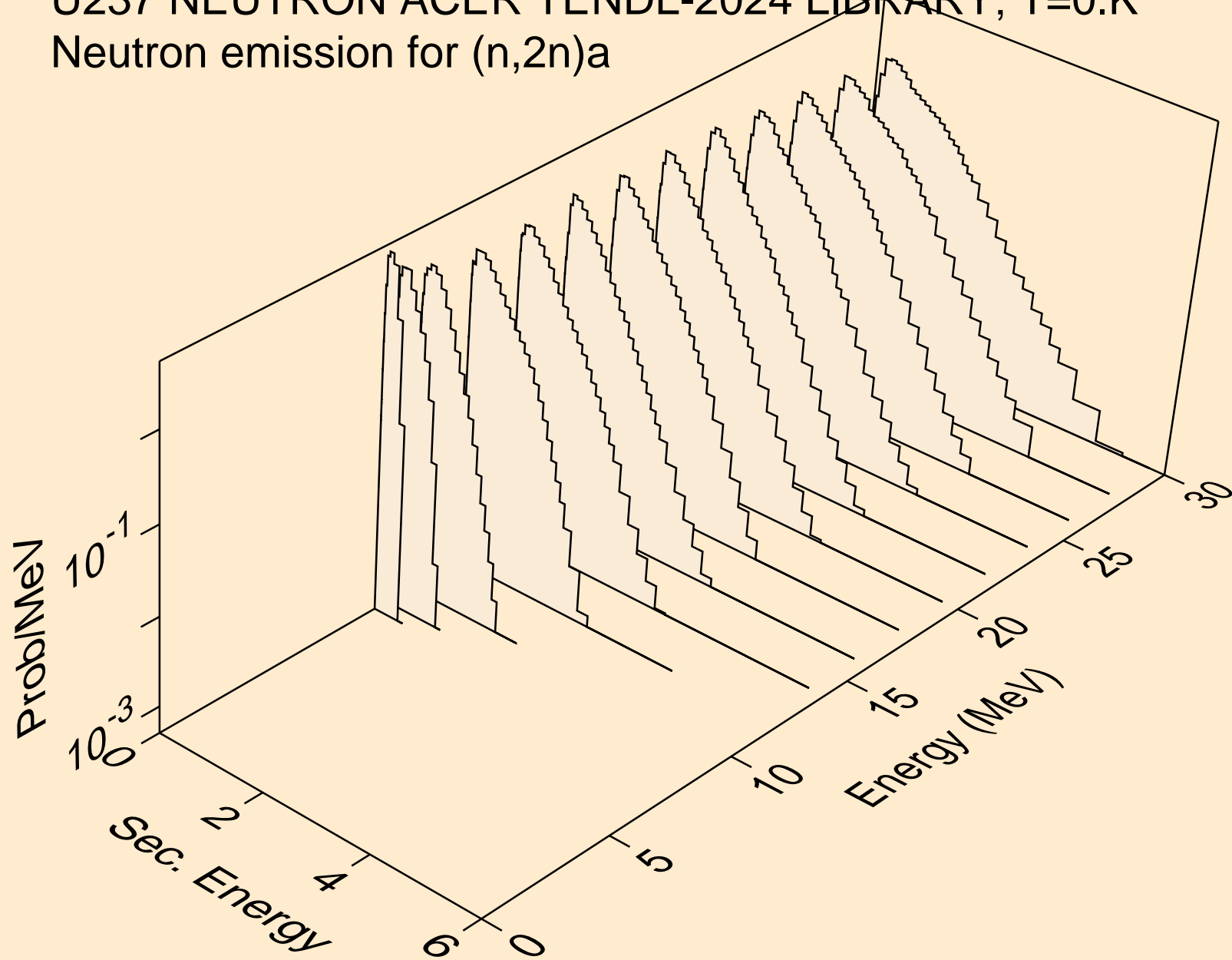


U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a

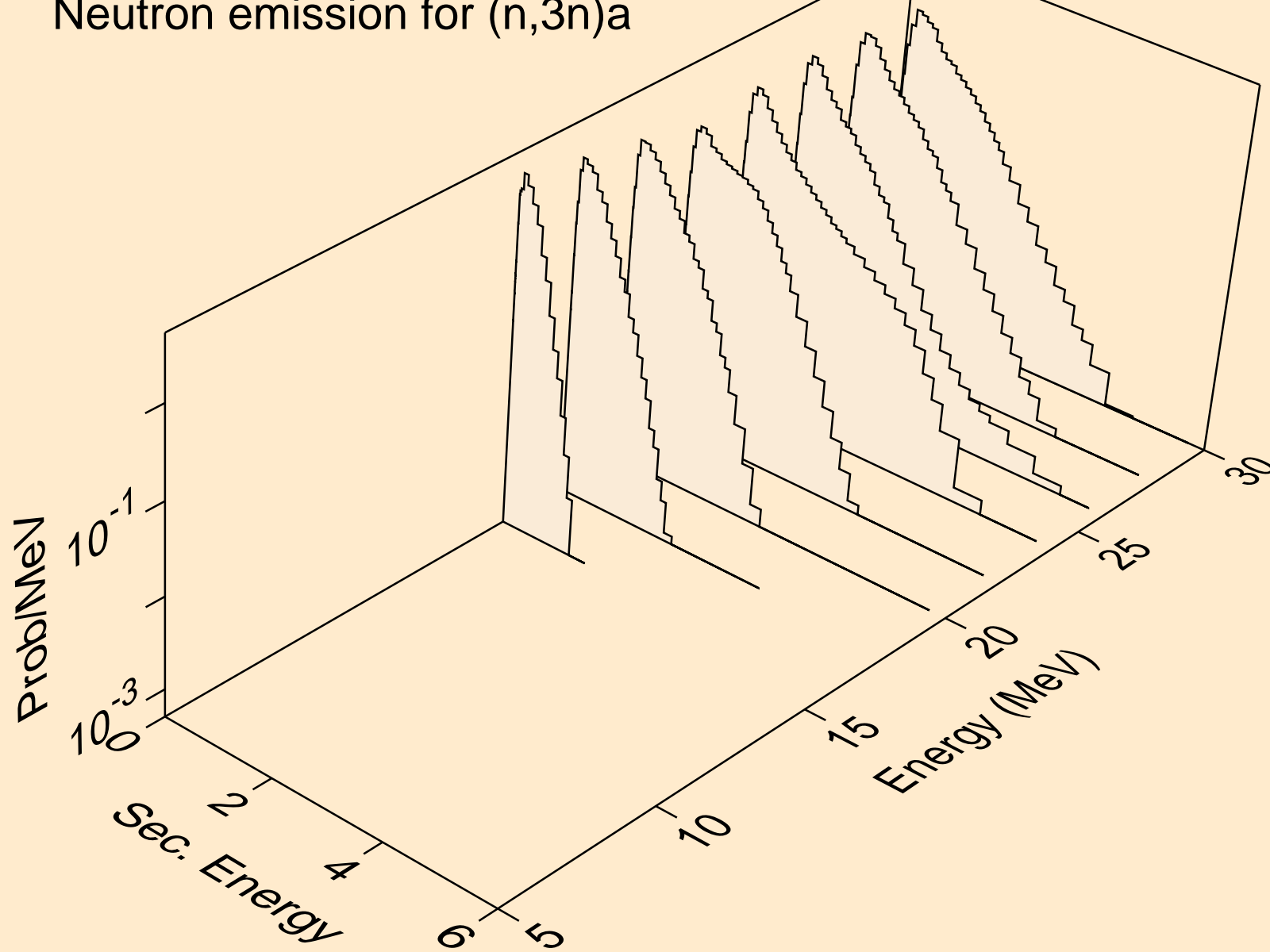




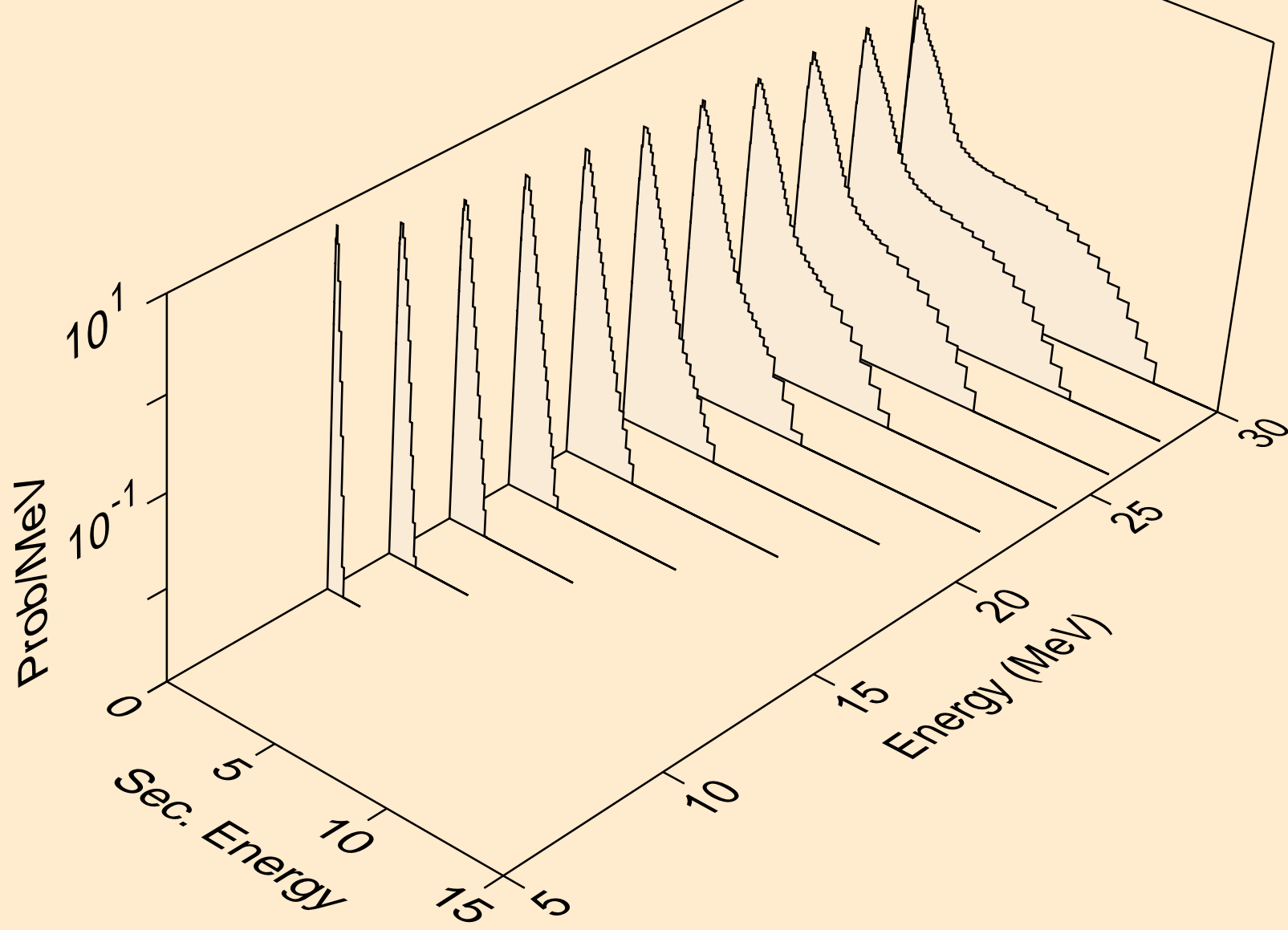
U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



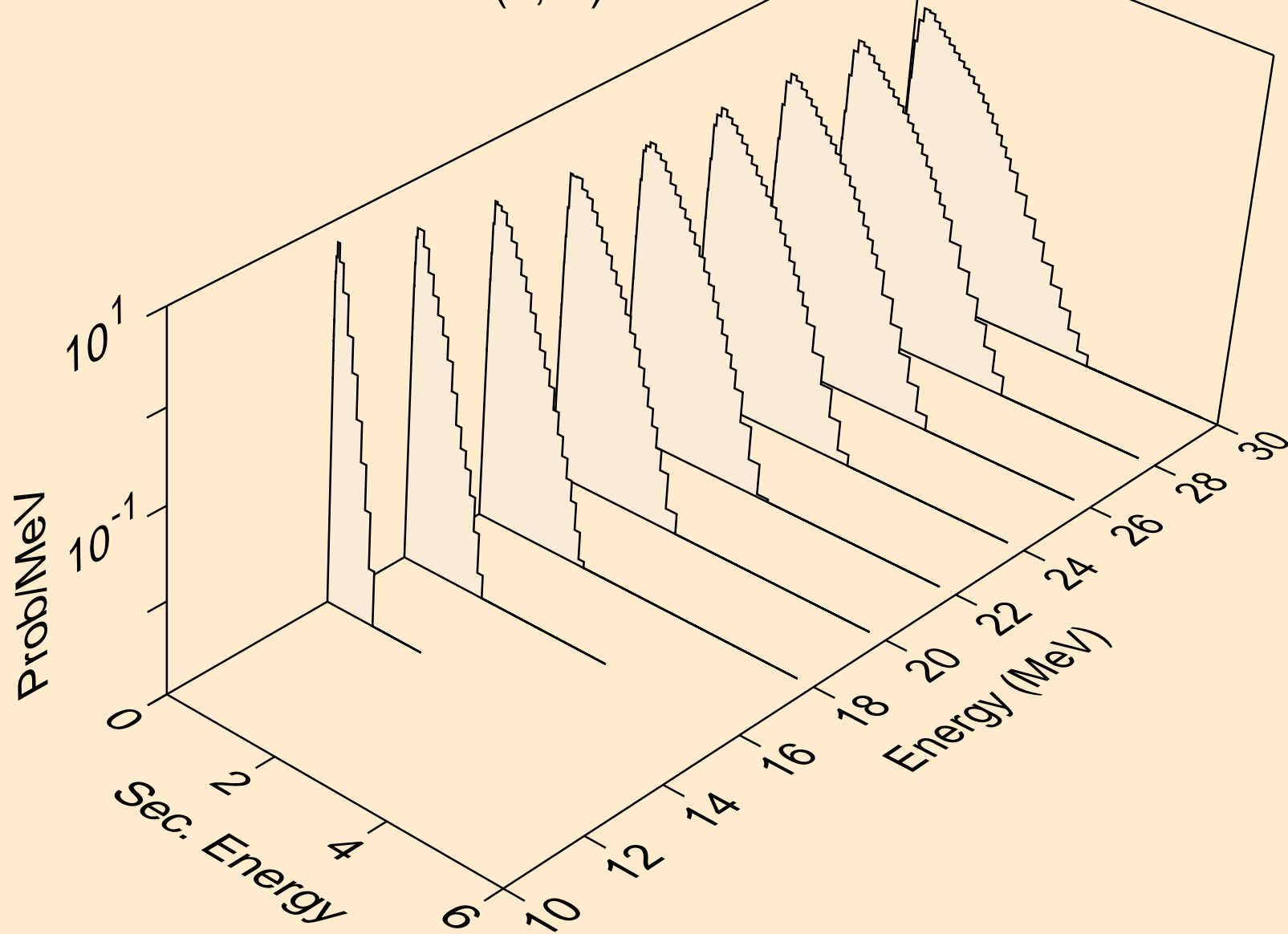
U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



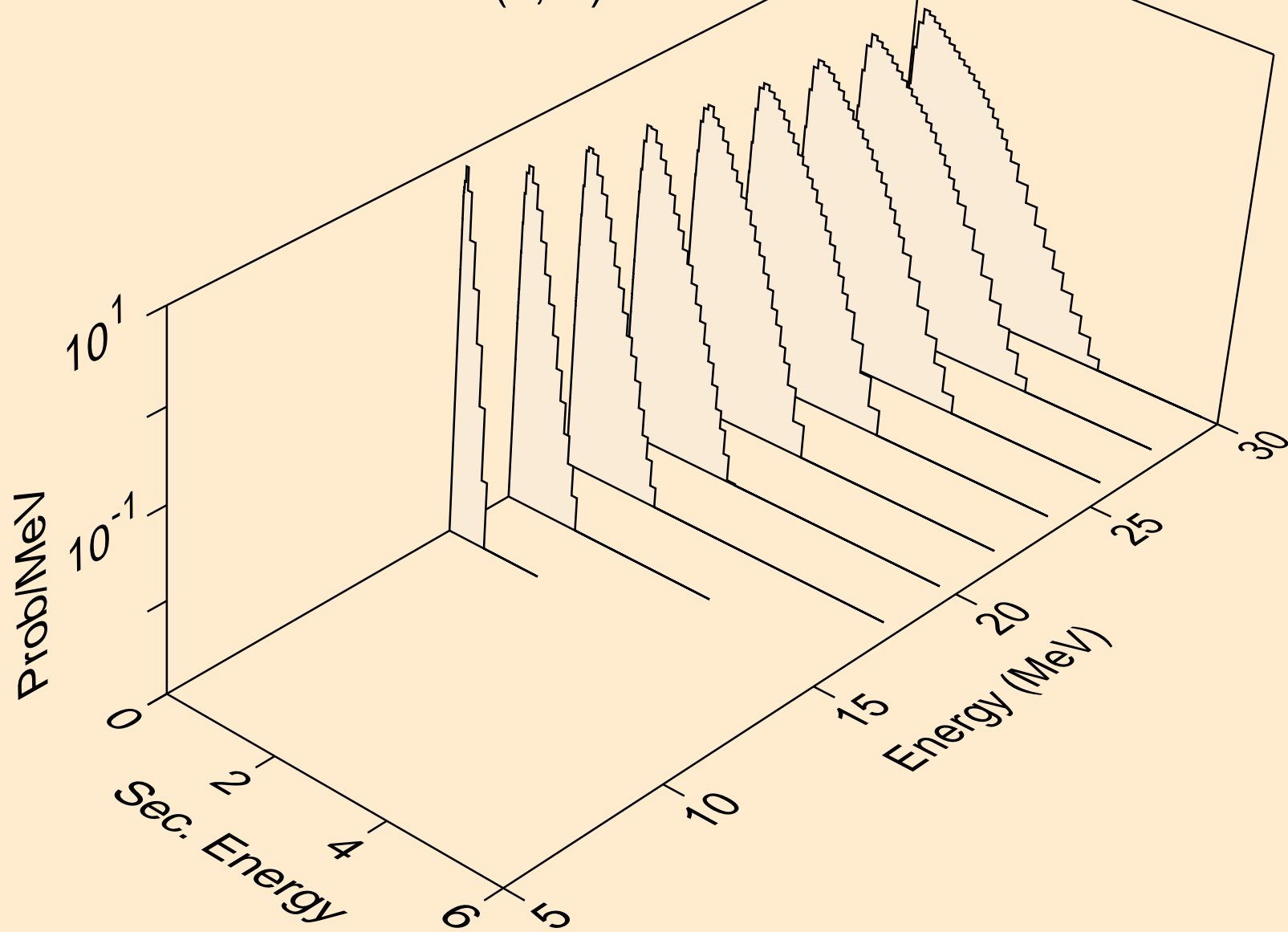
U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



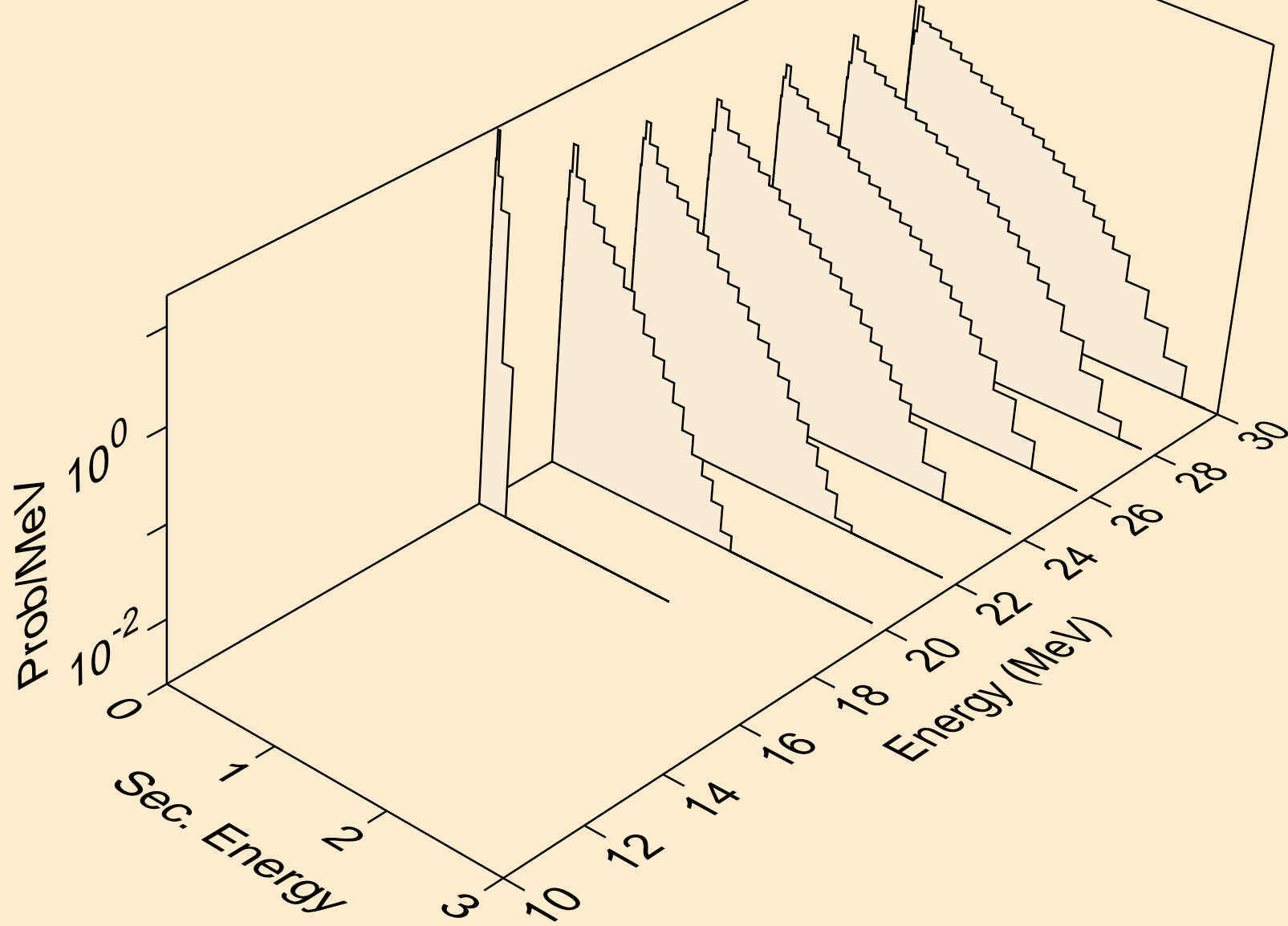
U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



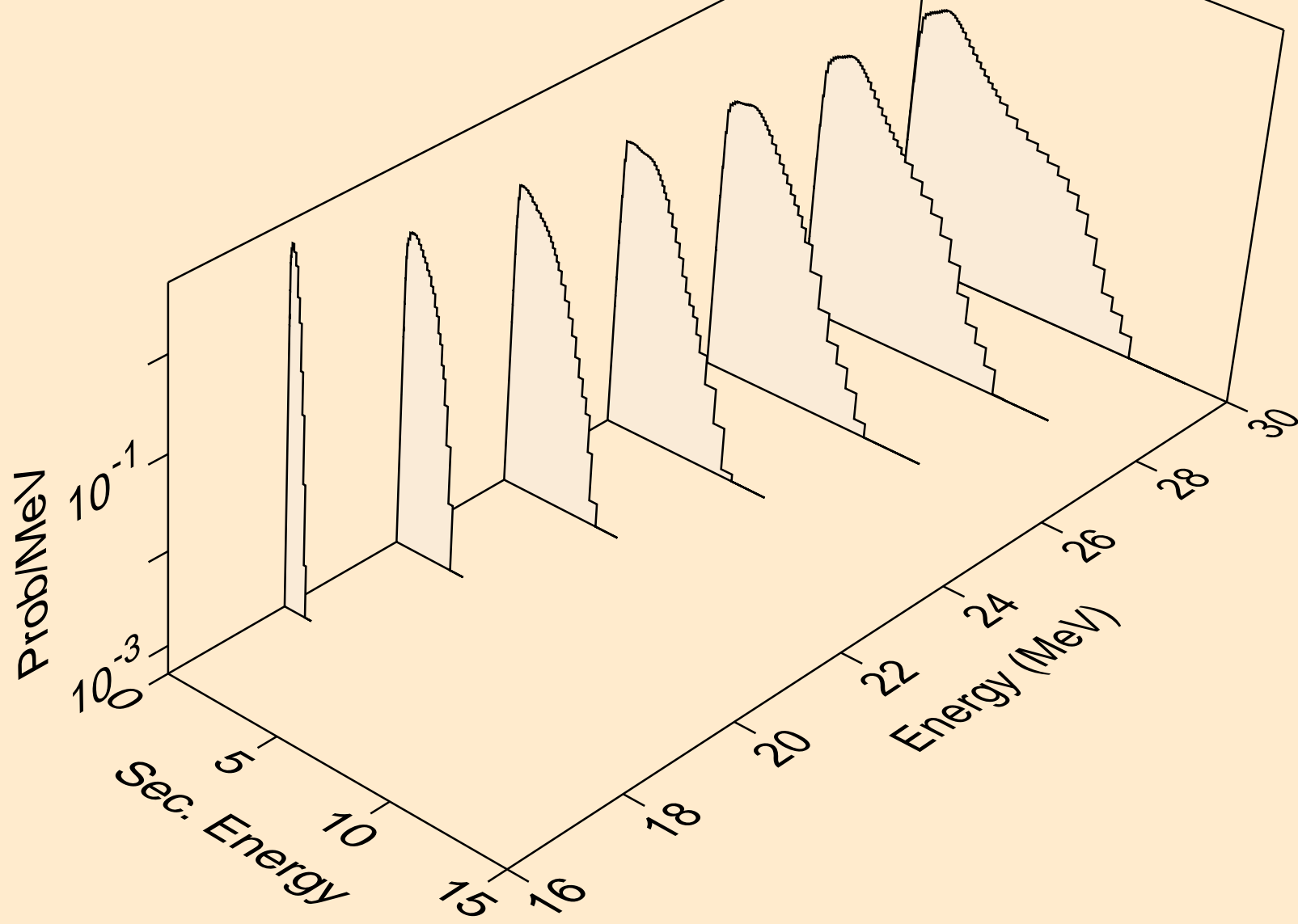
U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



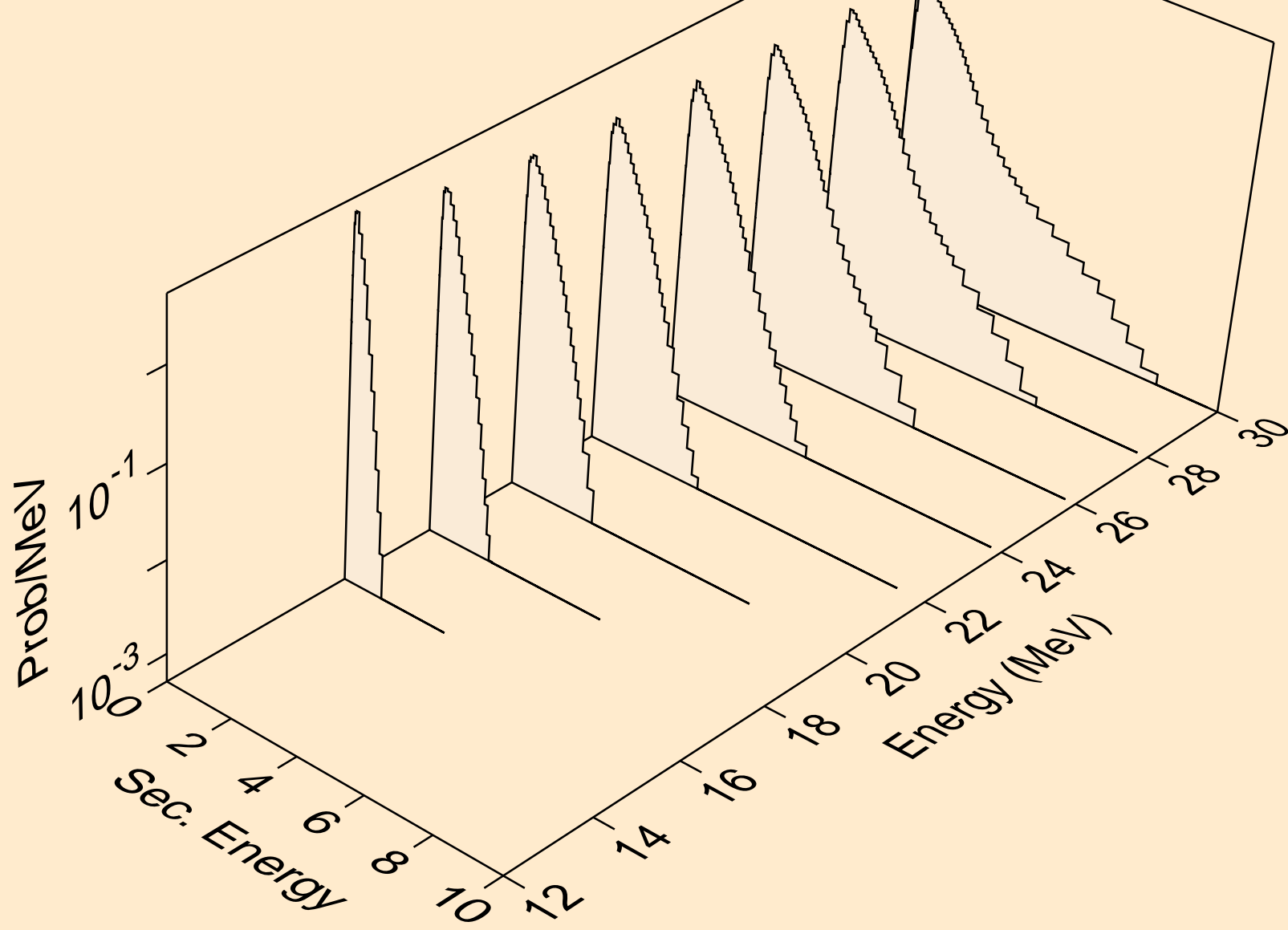
U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)

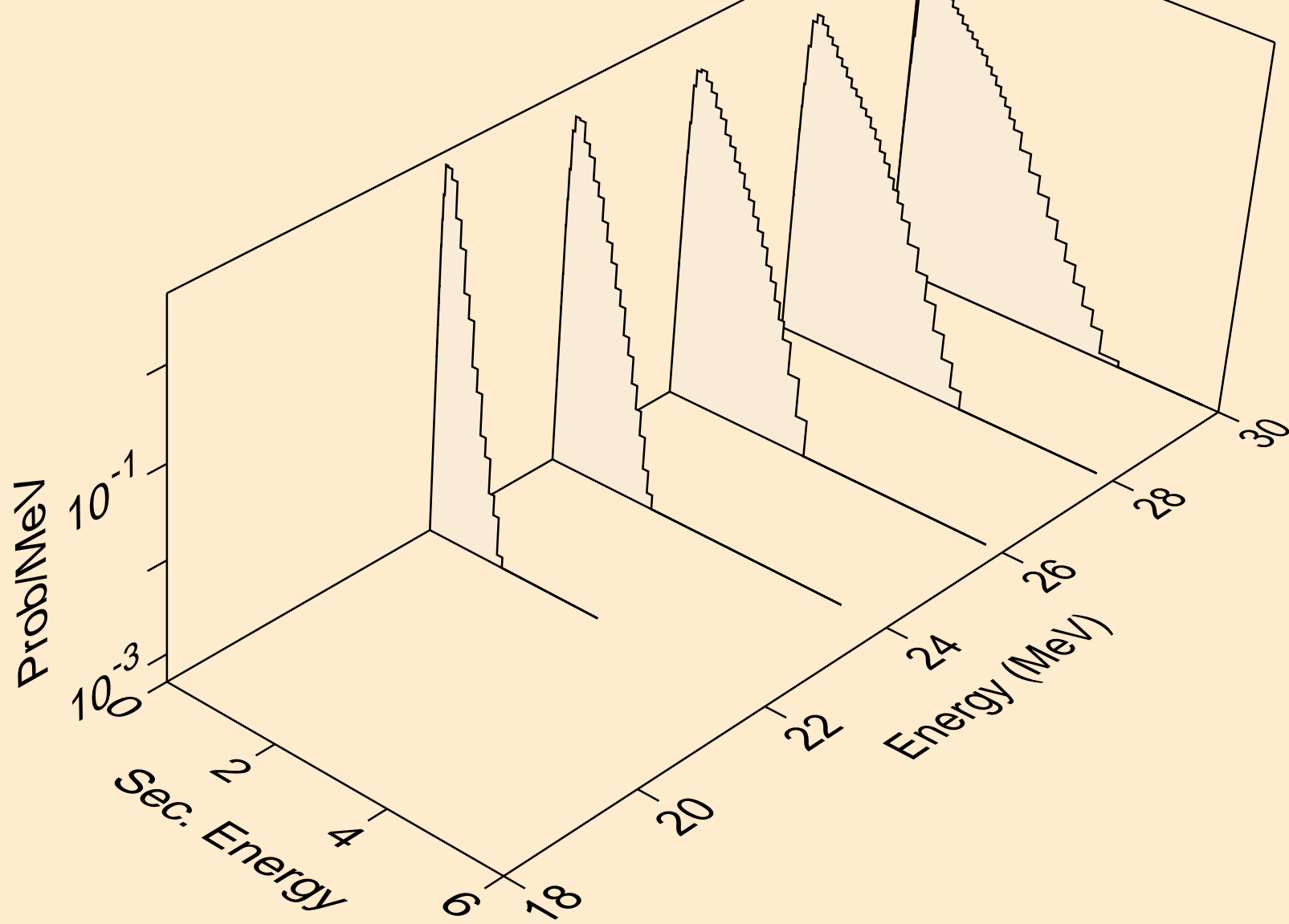


U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)

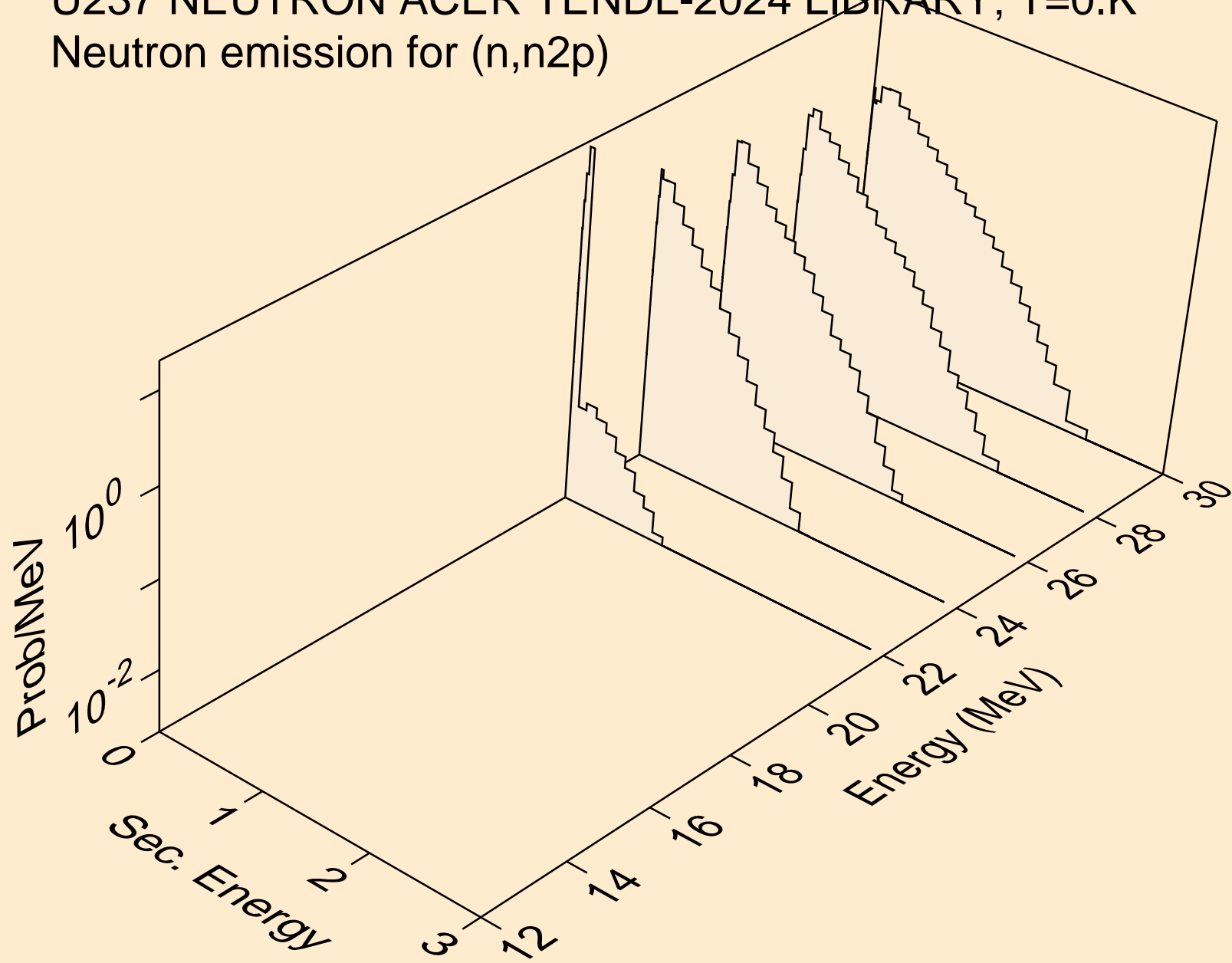




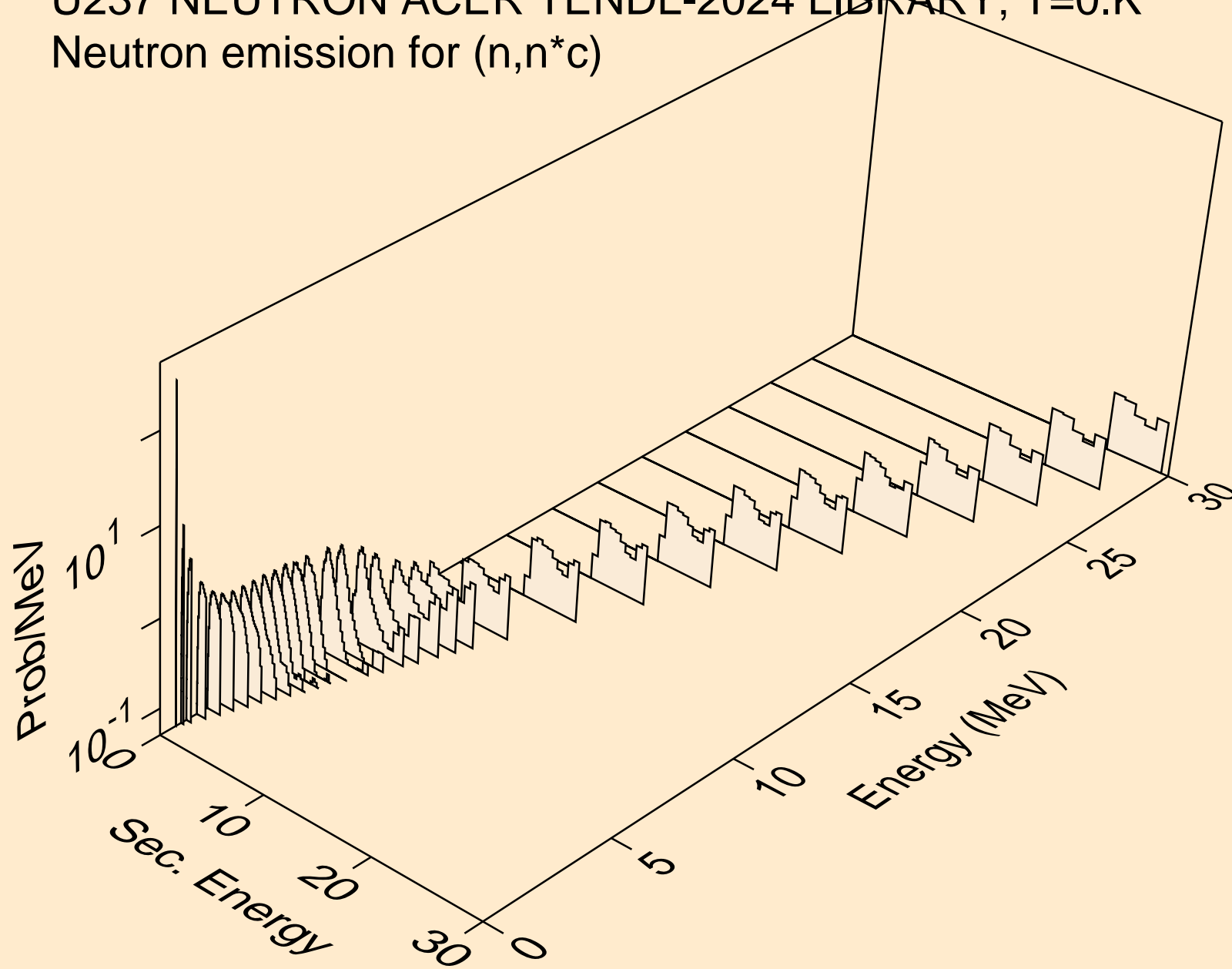
U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)

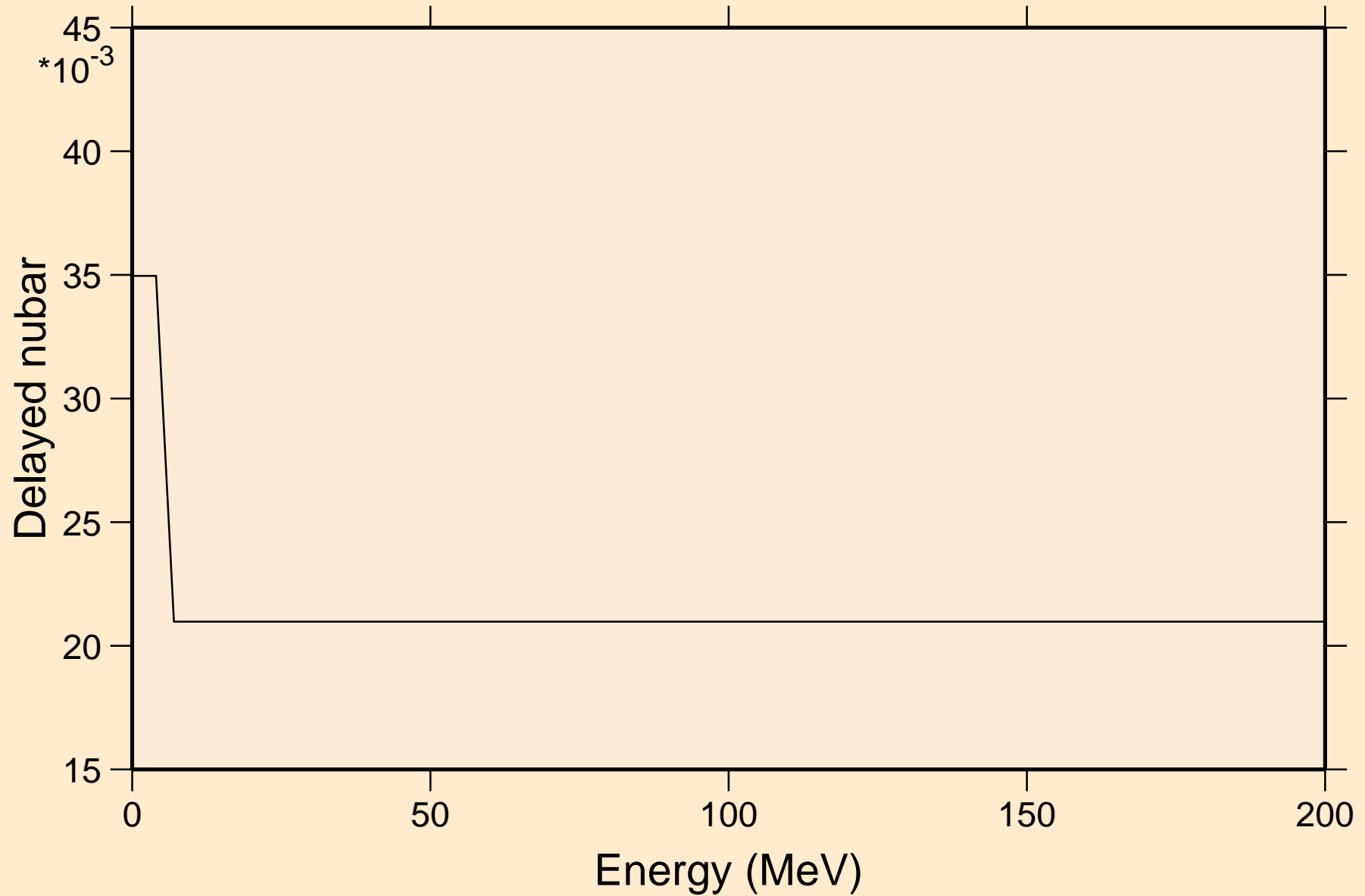


U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



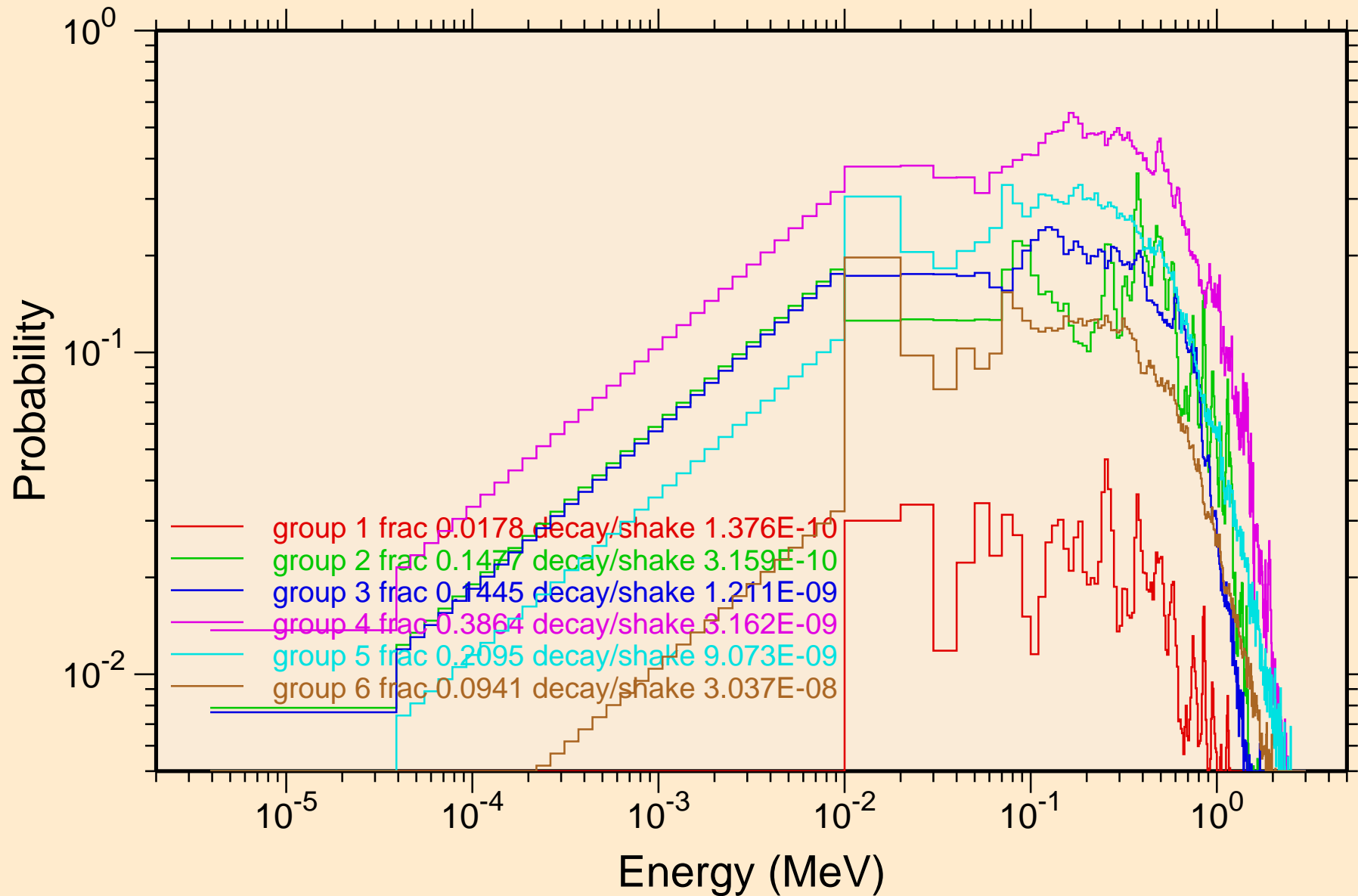
# U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Delayed nubar

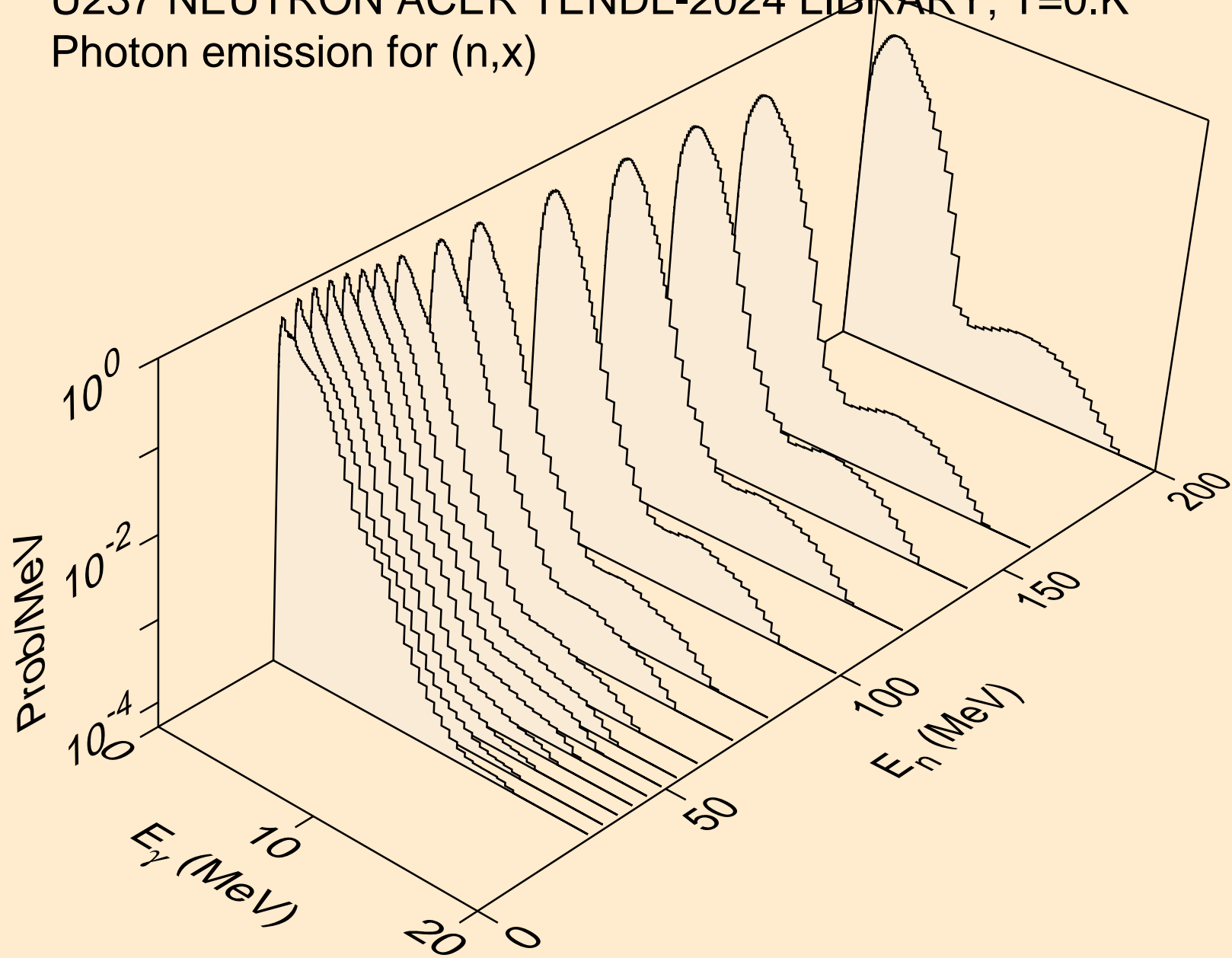


# U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

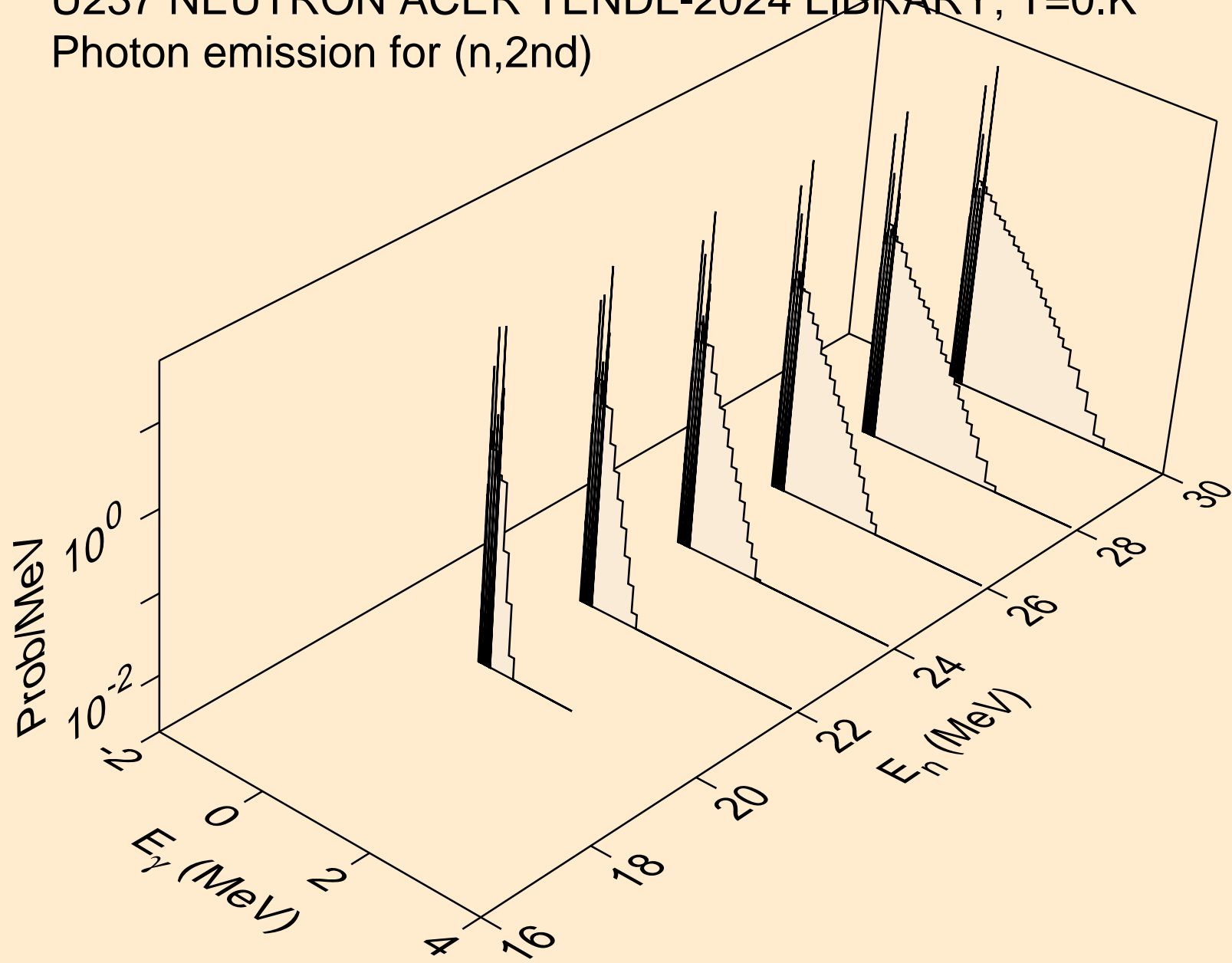
## Delayed neutron spectra



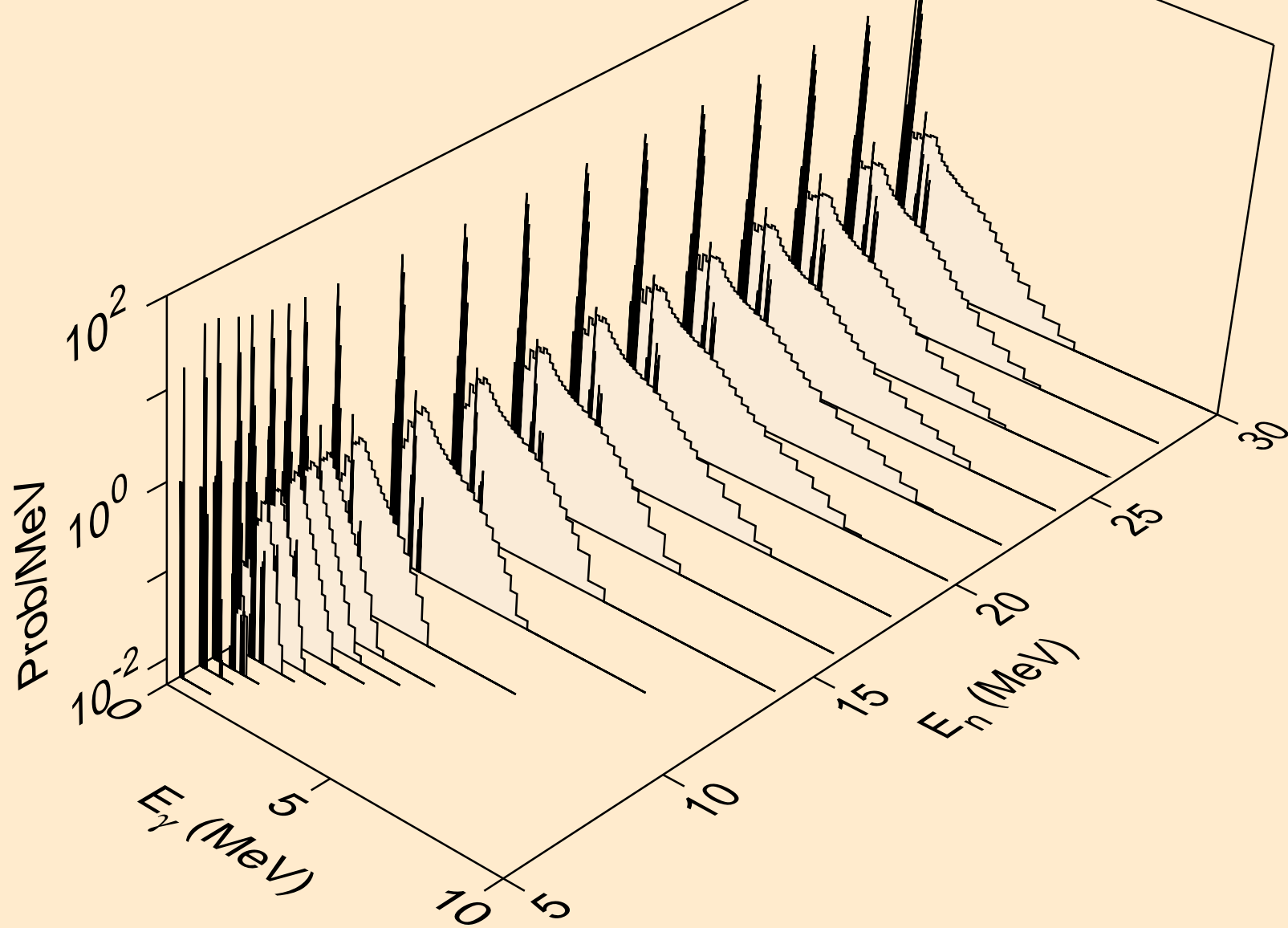
U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)

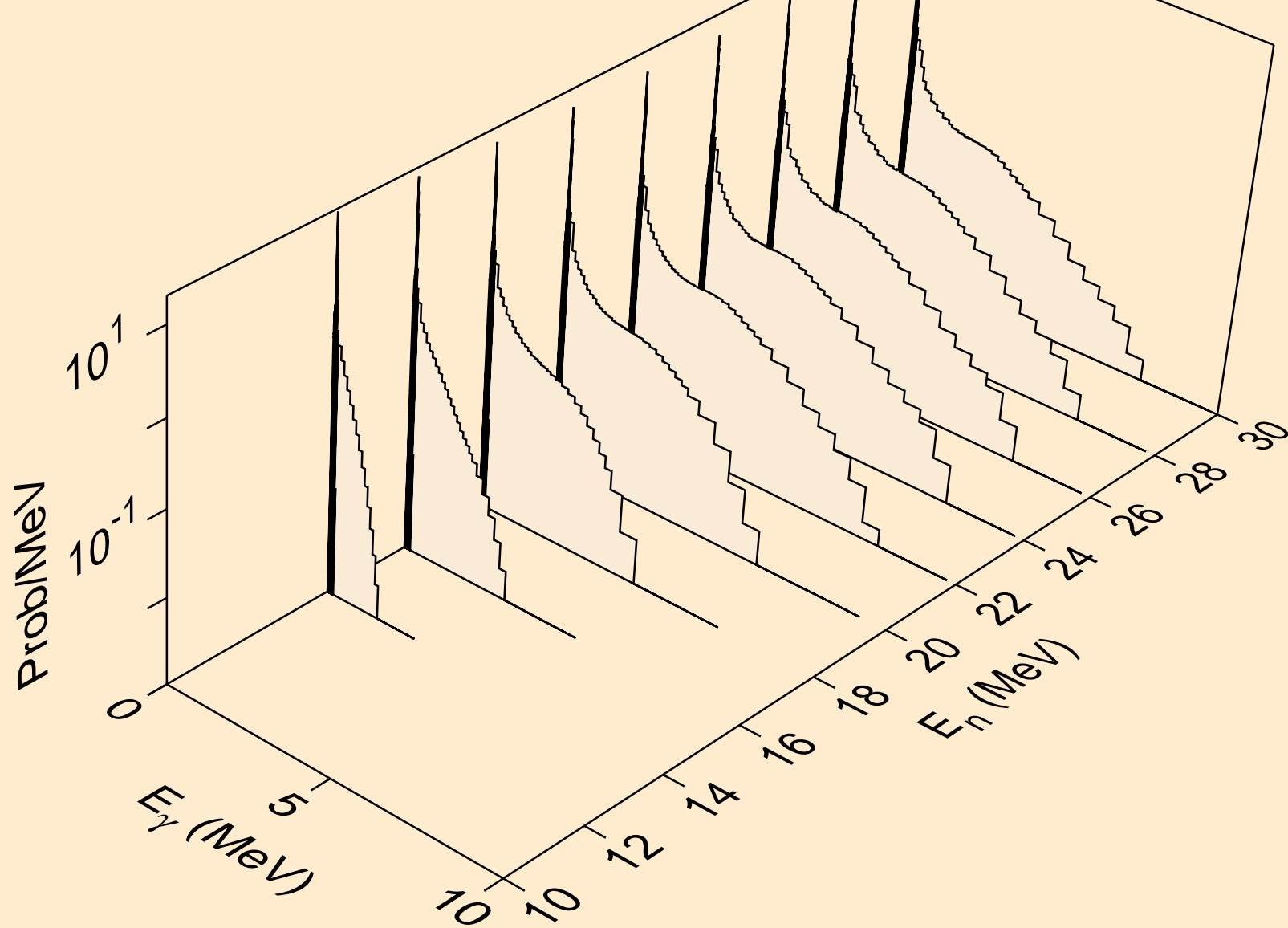


U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)

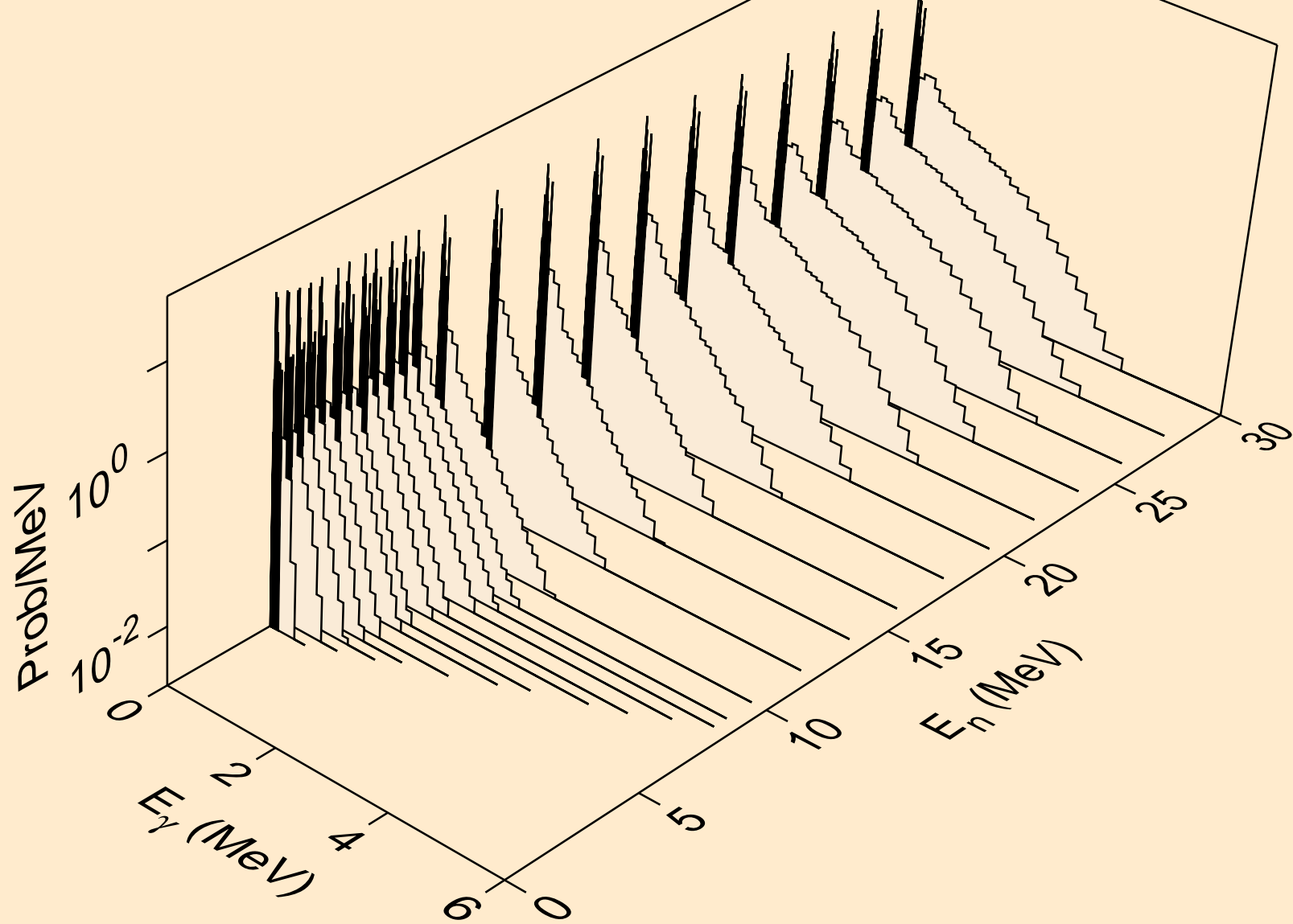




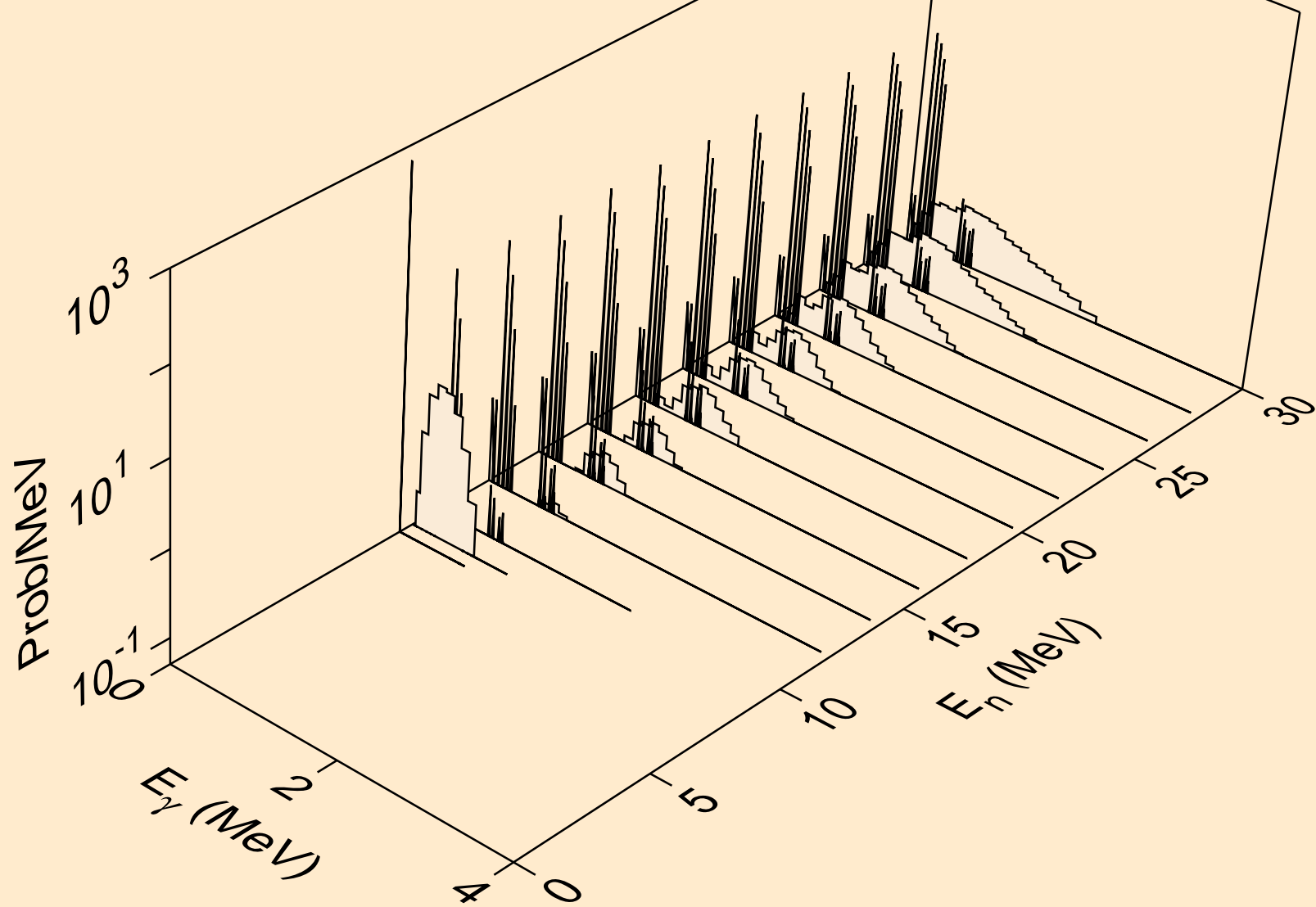
U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



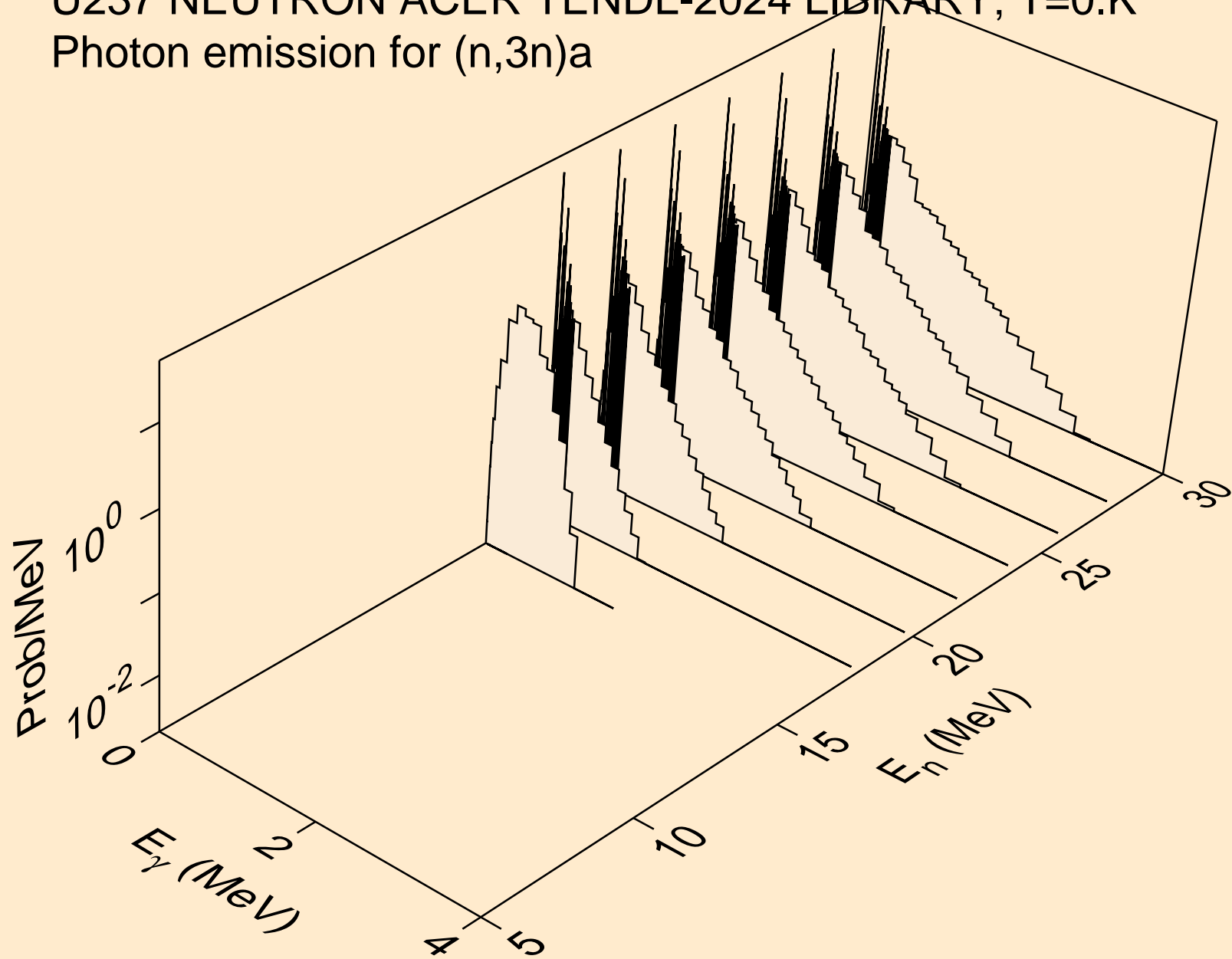
U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



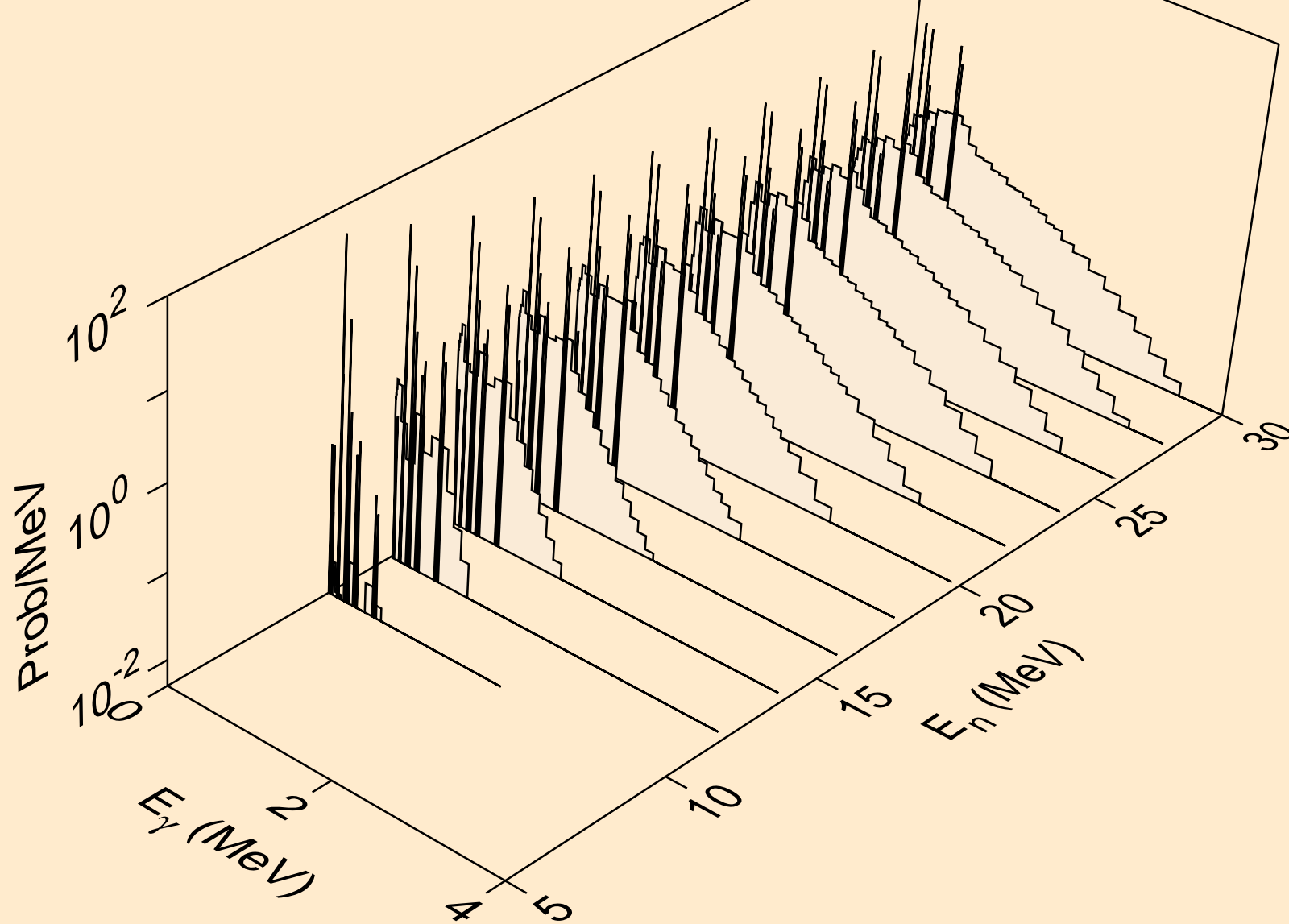
U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



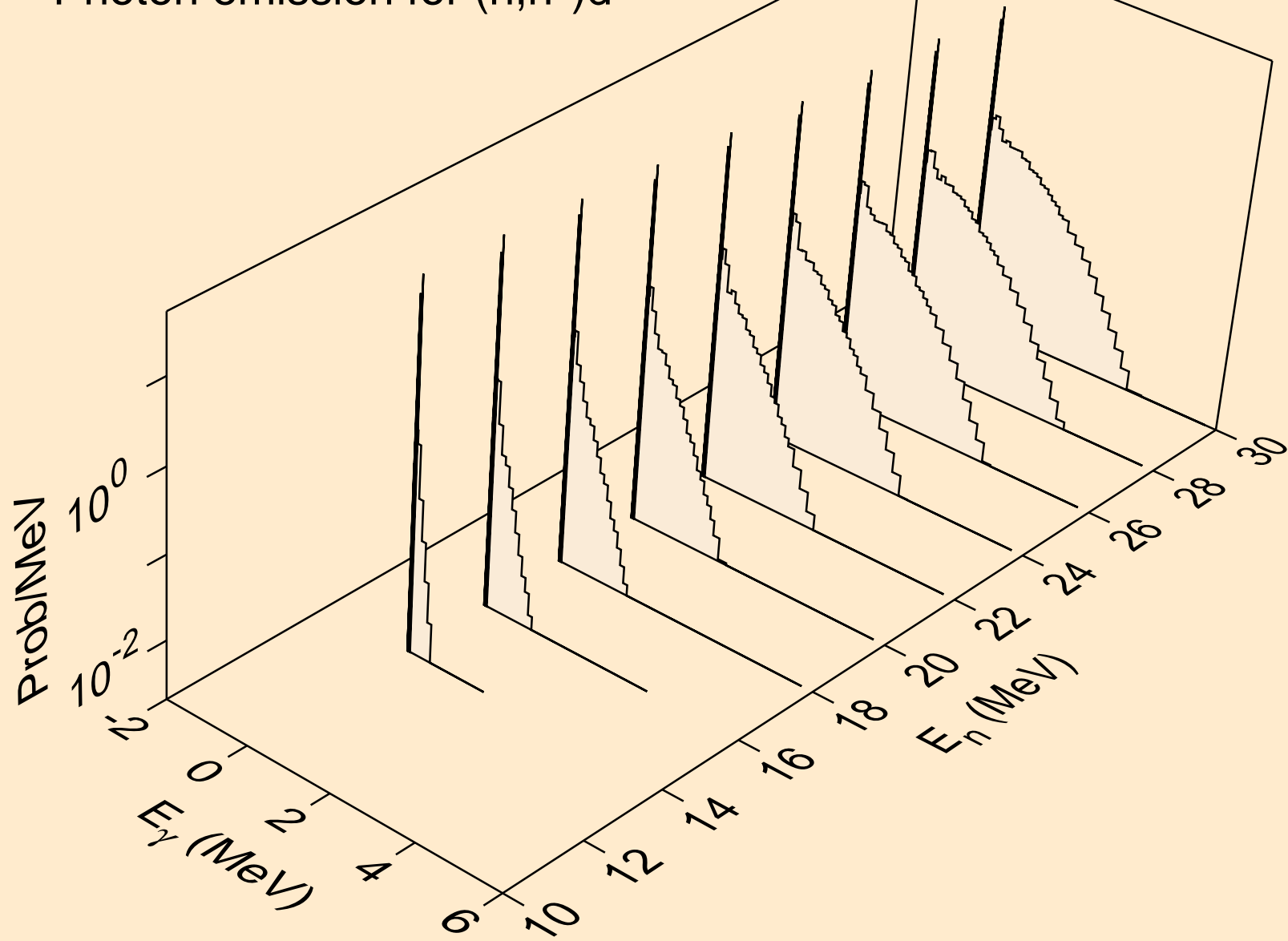
U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a



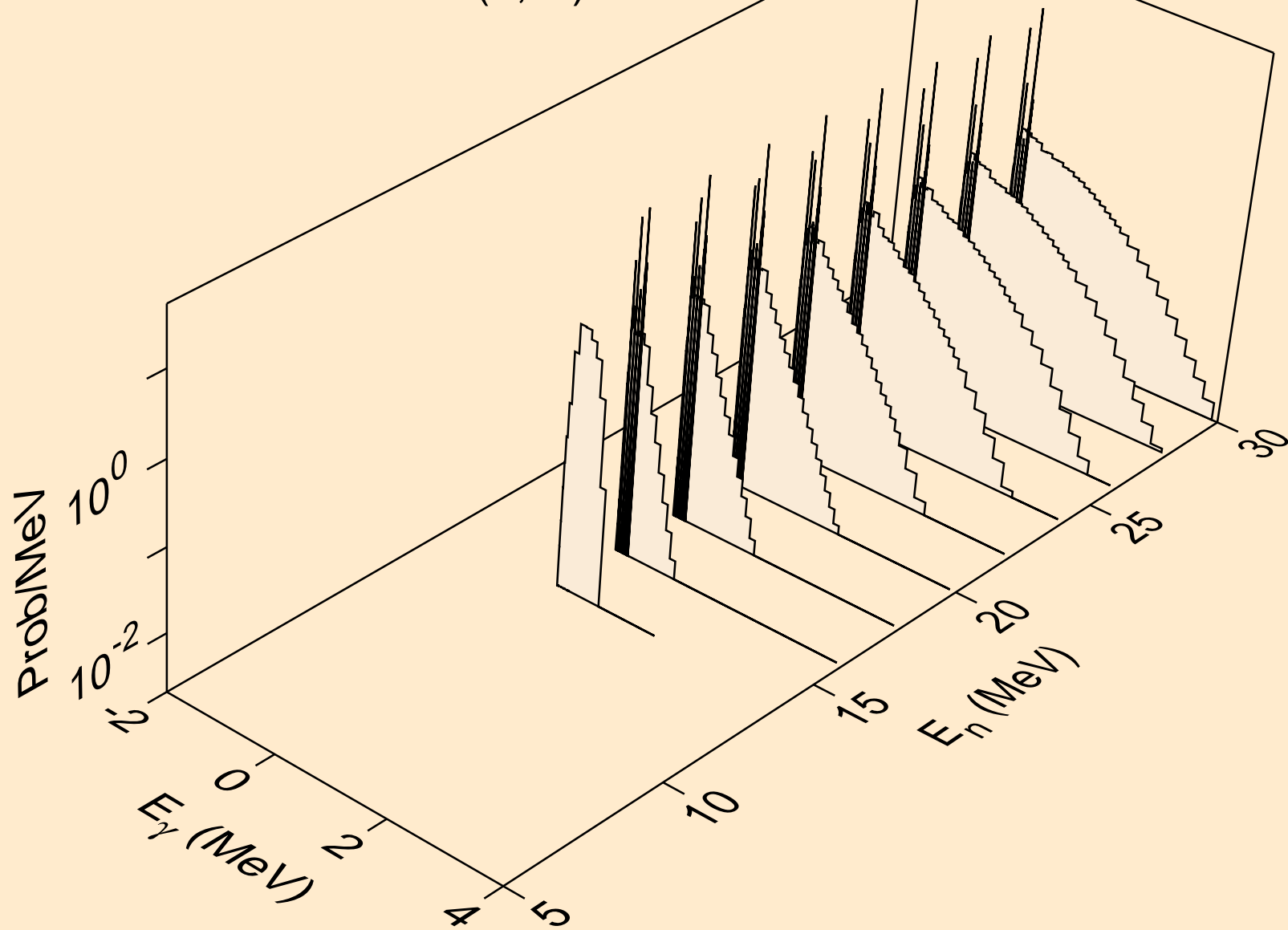
U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



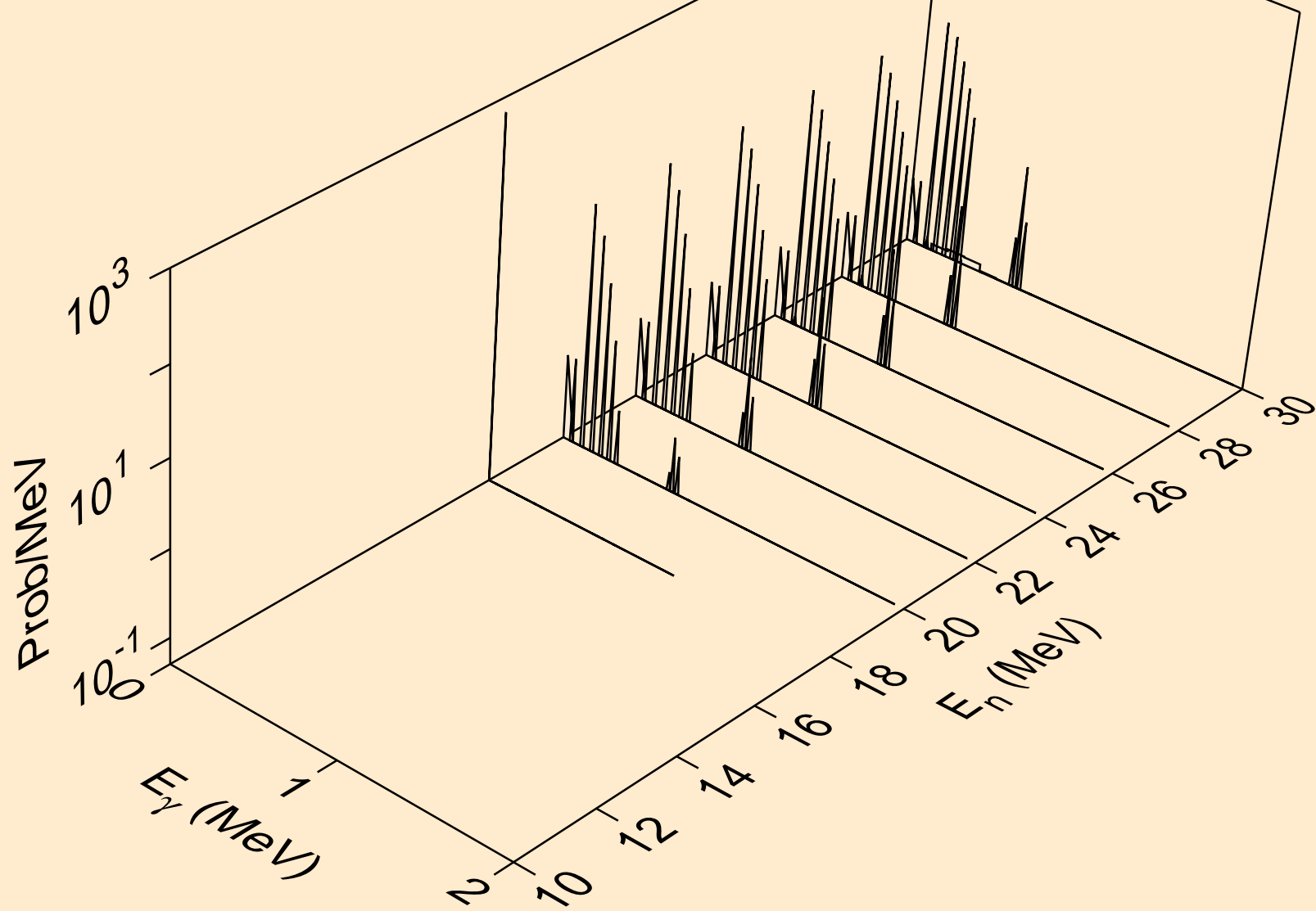
U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

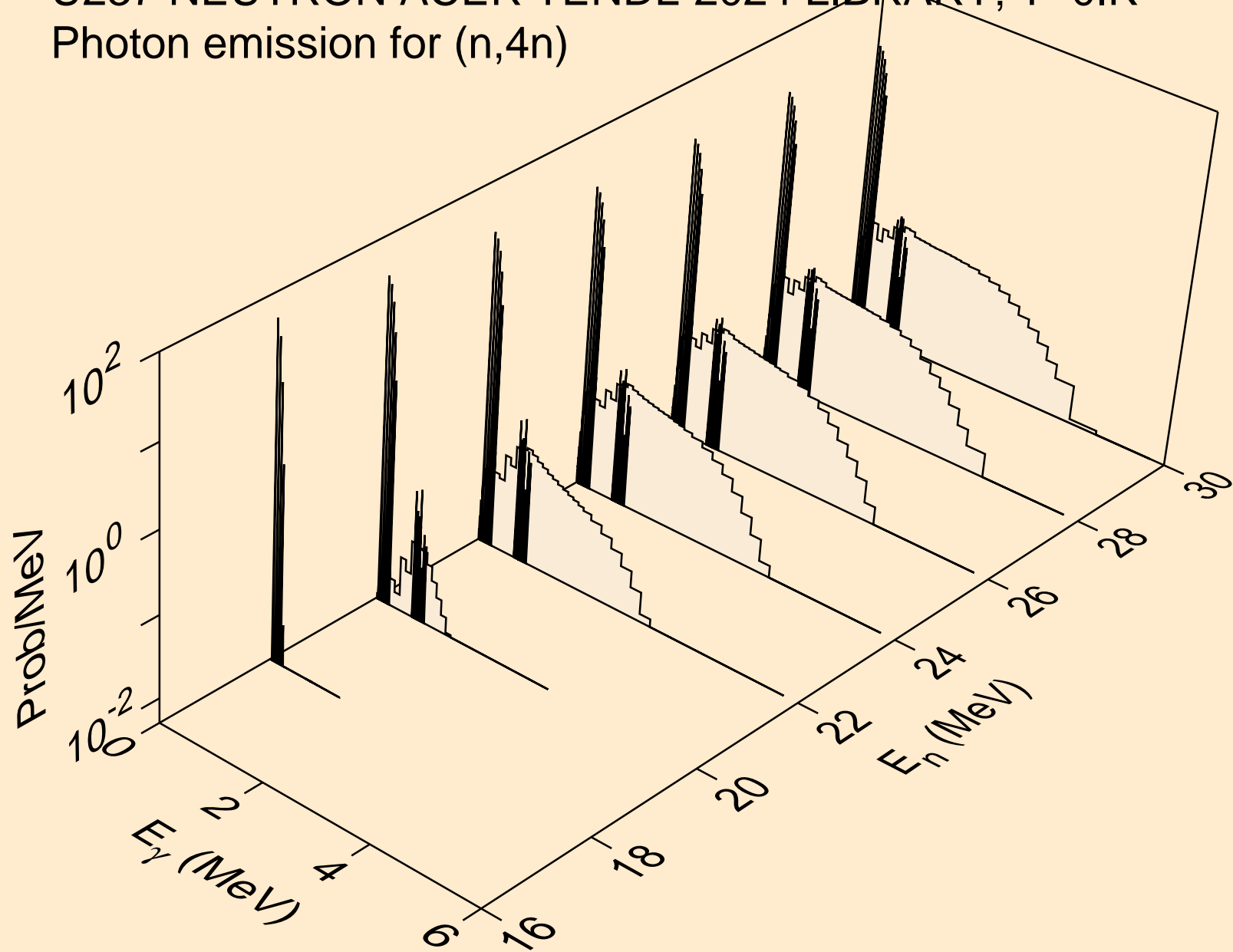


U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

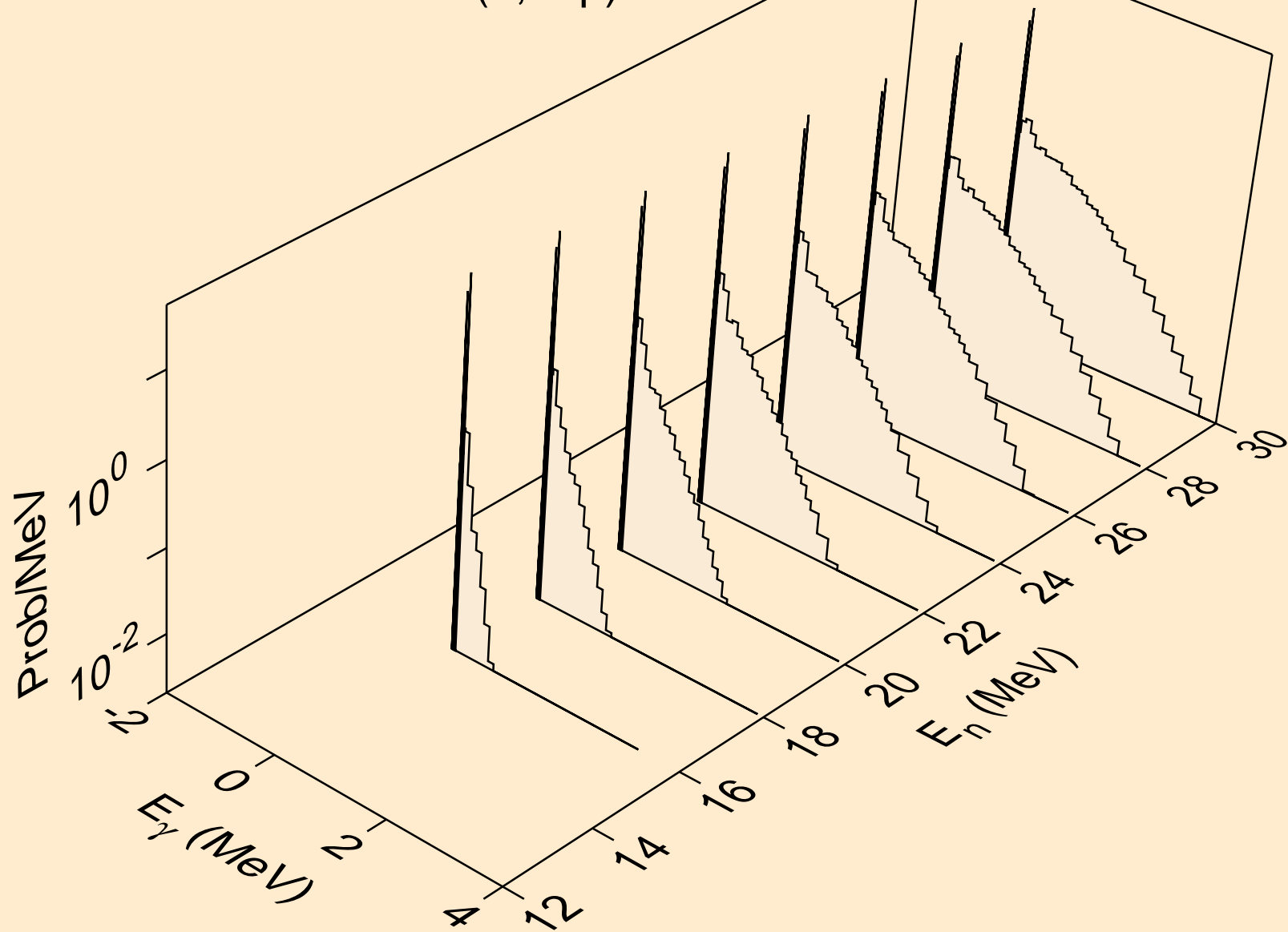




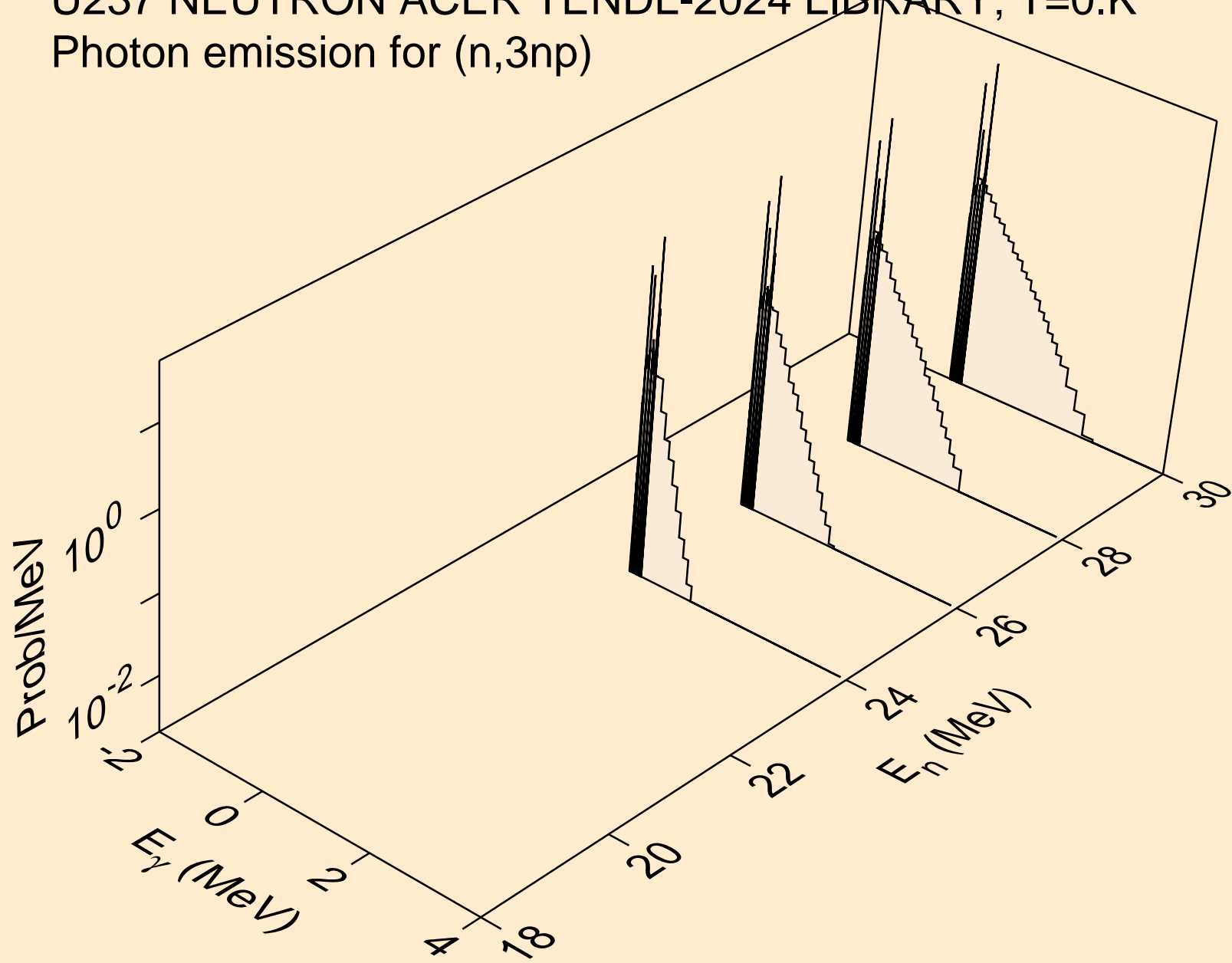
U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



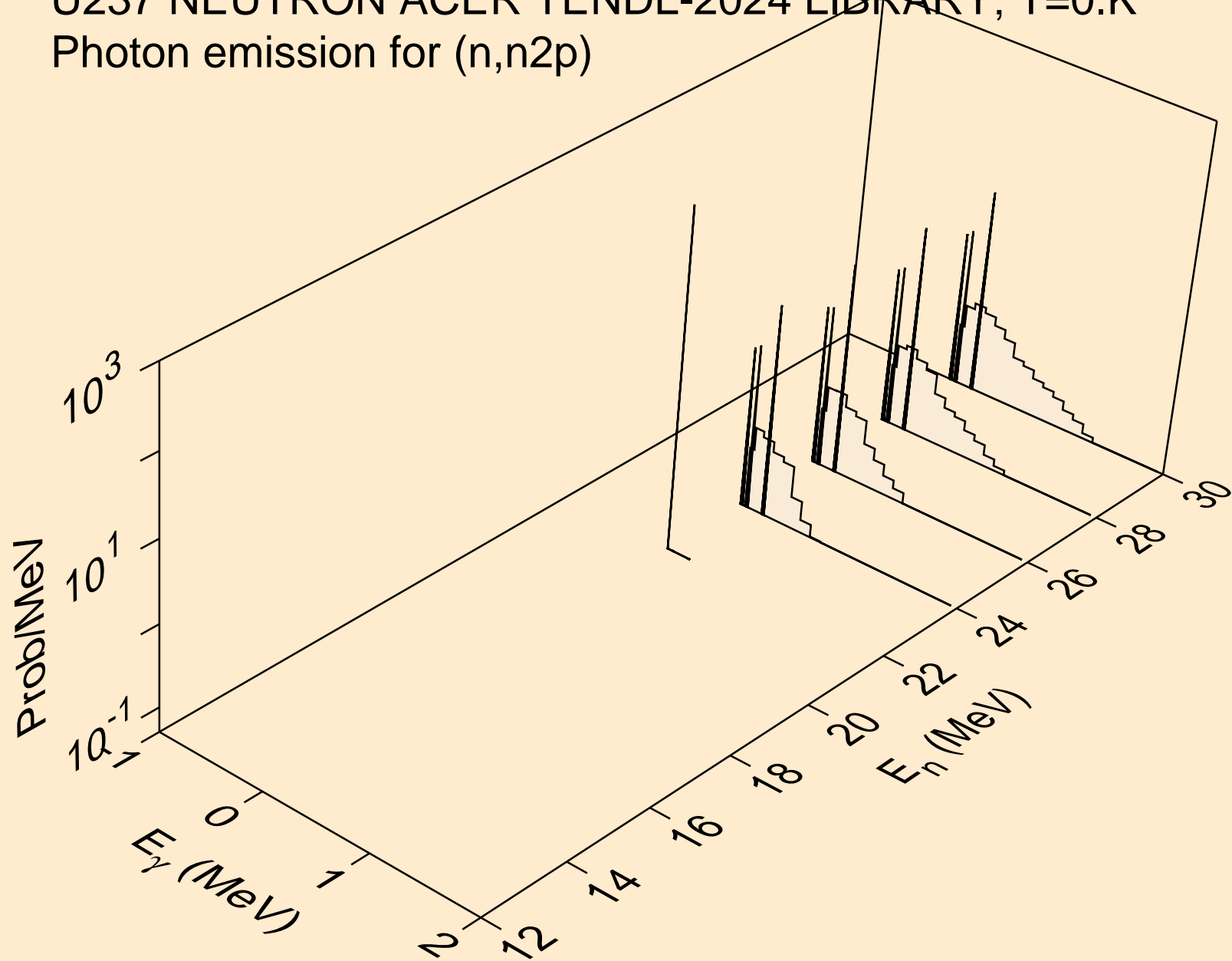
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Photon emission for (n,2np)



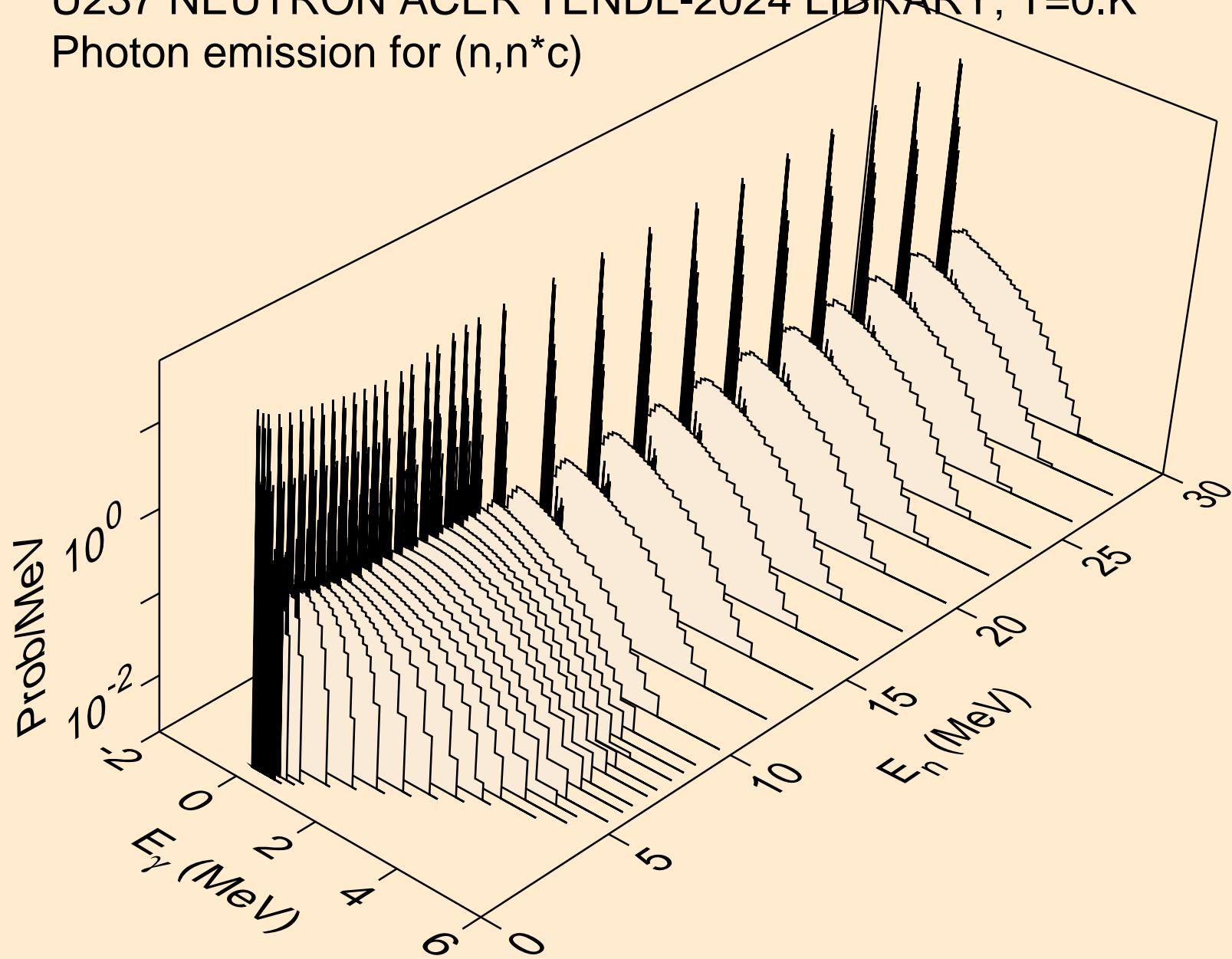
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Photon emission for (n,3np)



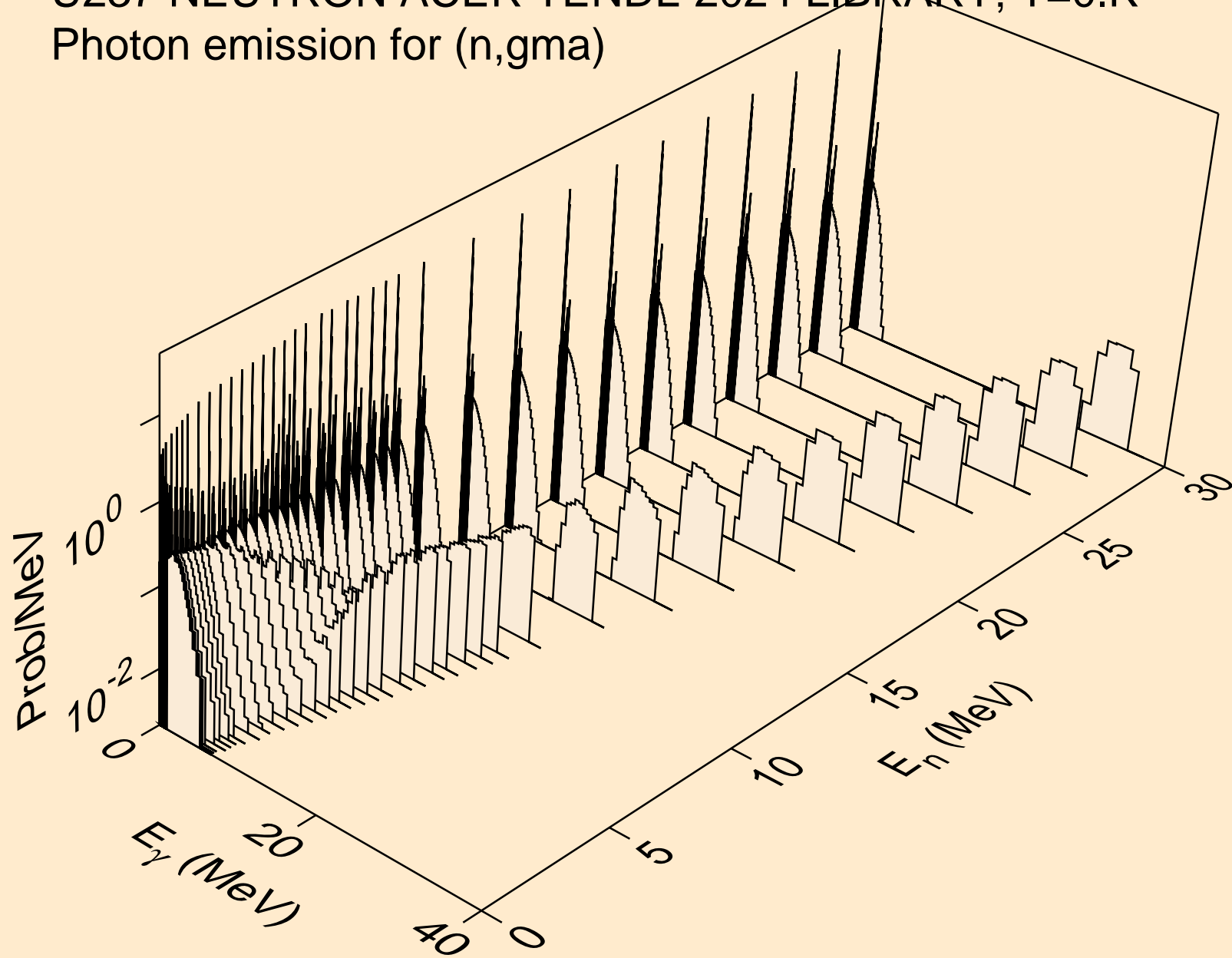
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Photon emission for (n,n2p)



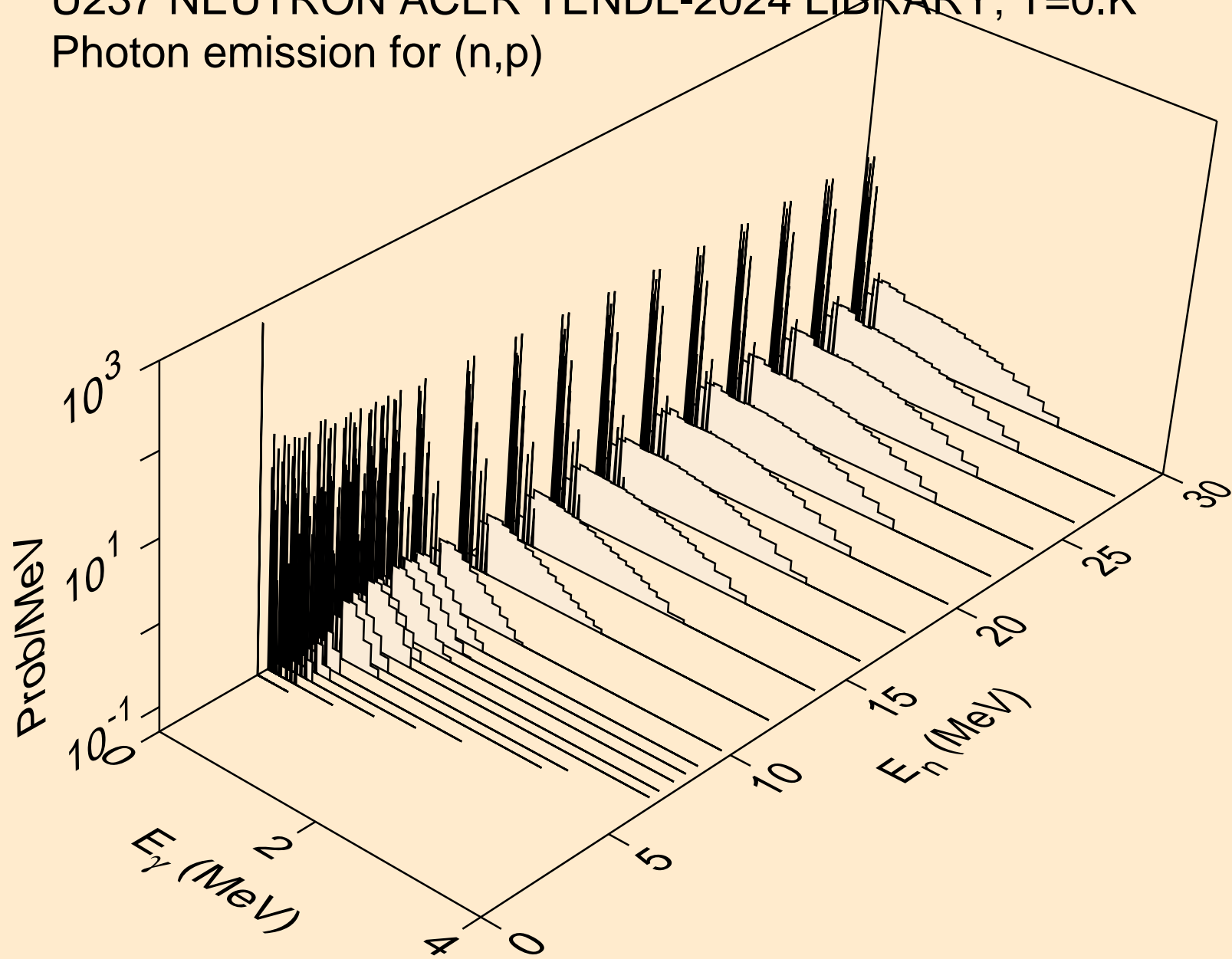
U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



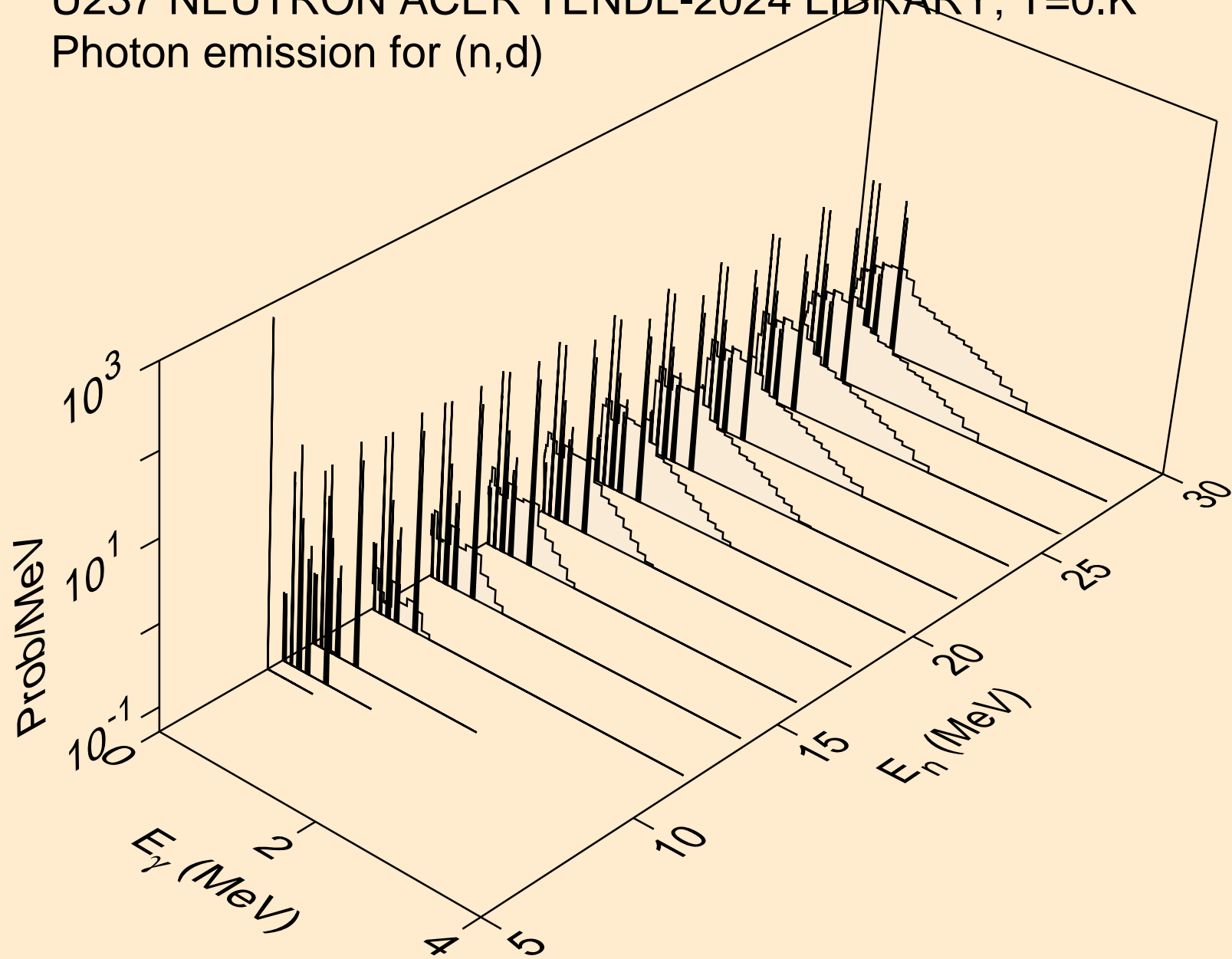
U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)

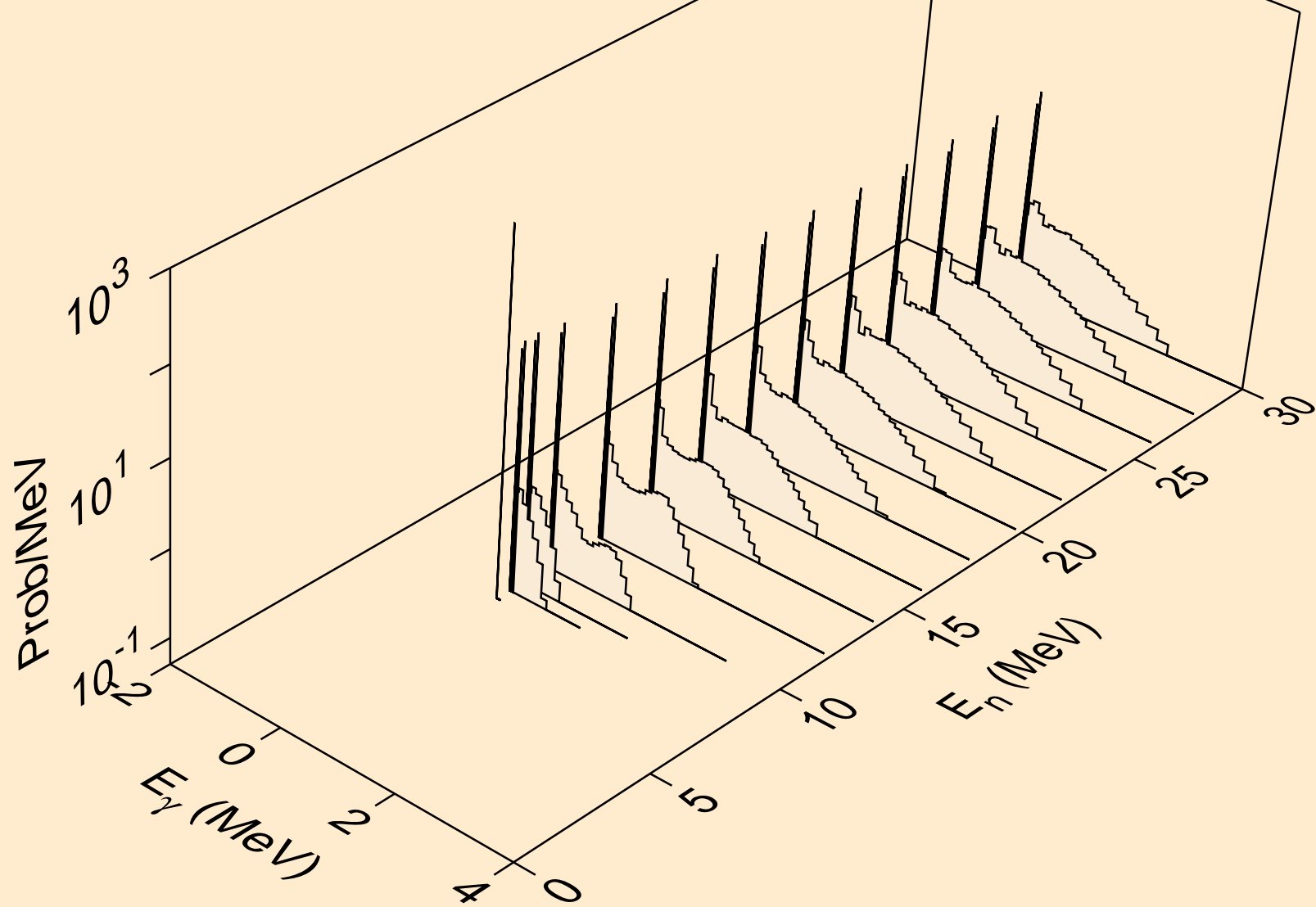


U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)

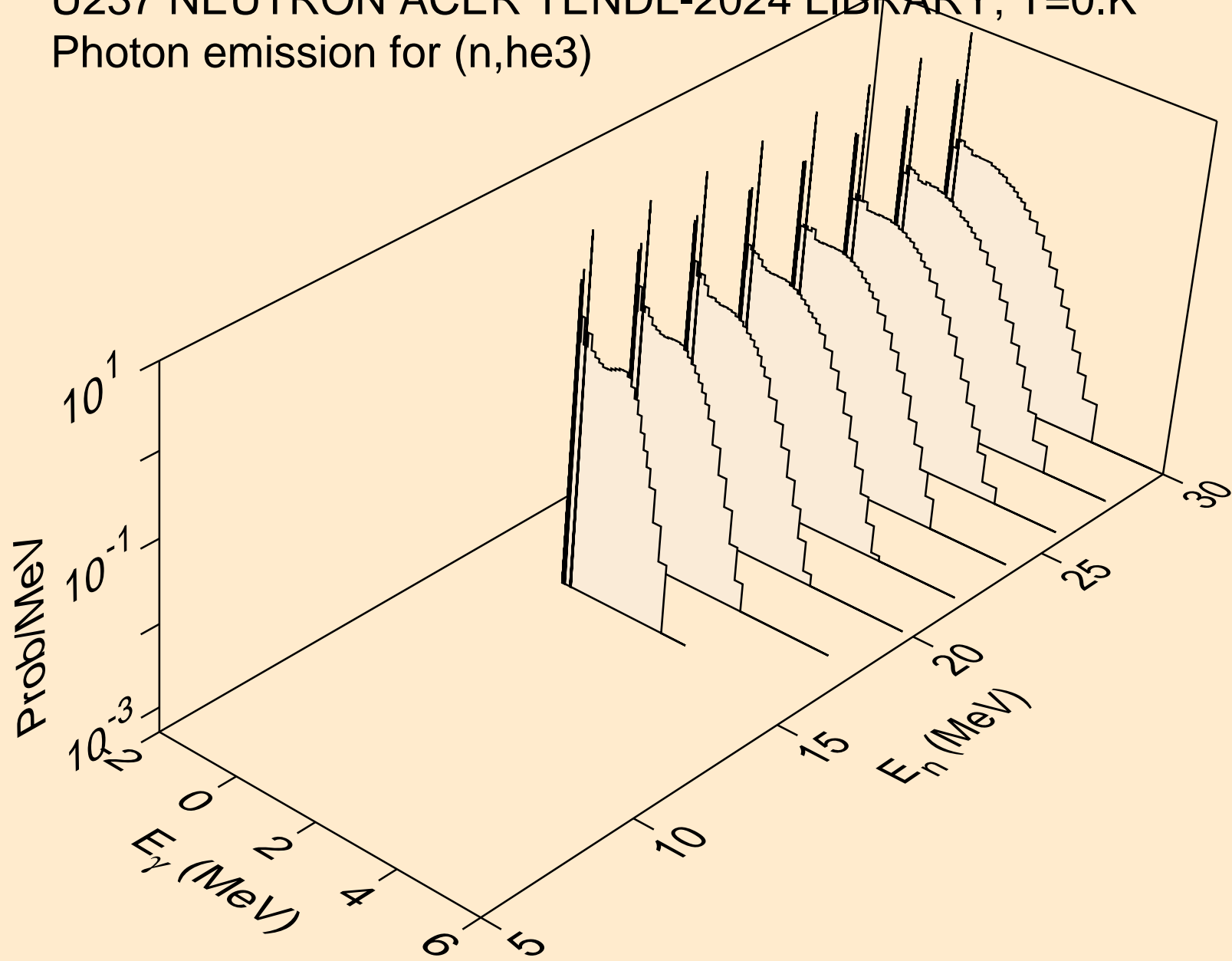




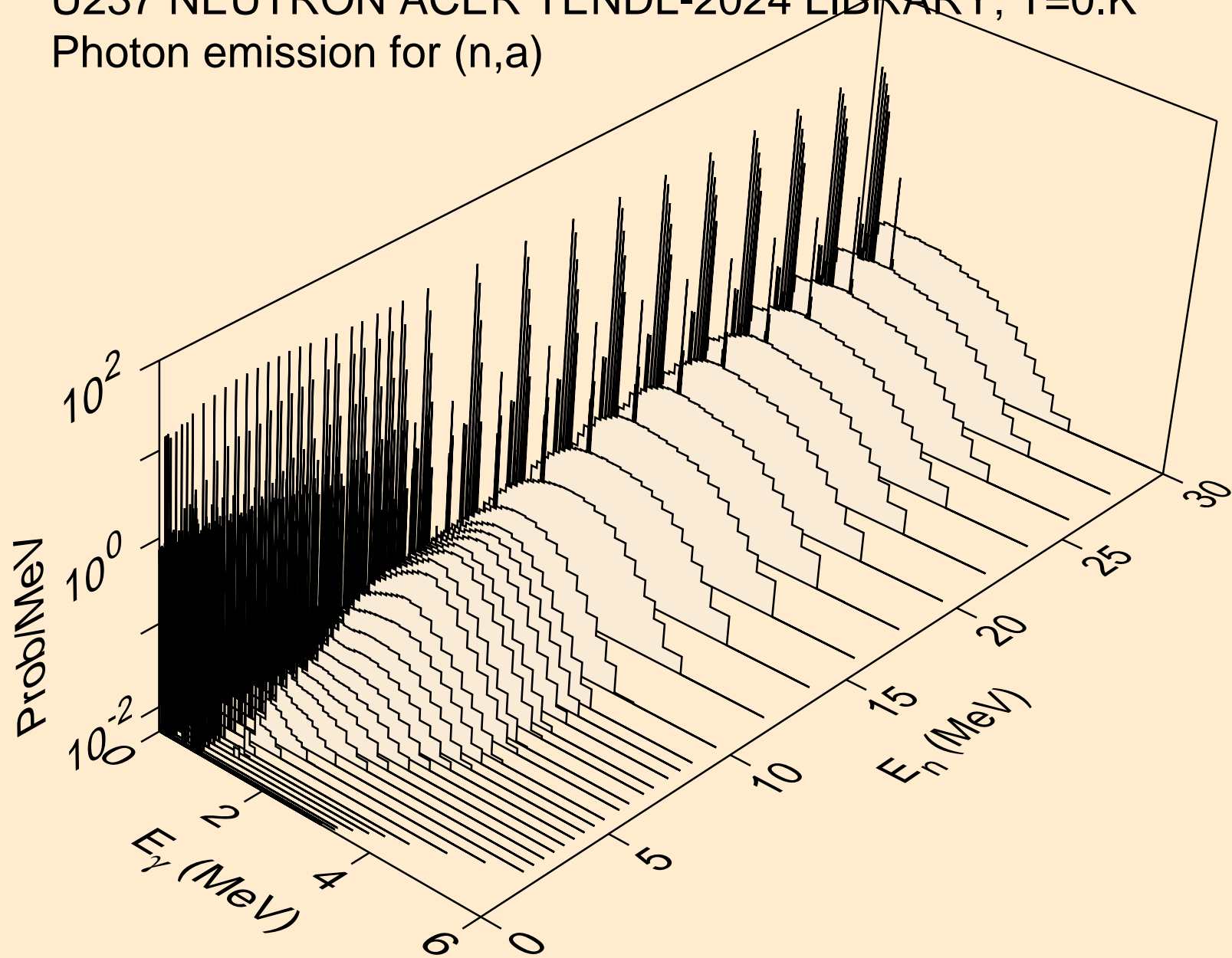
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Photon emission for (n,t)



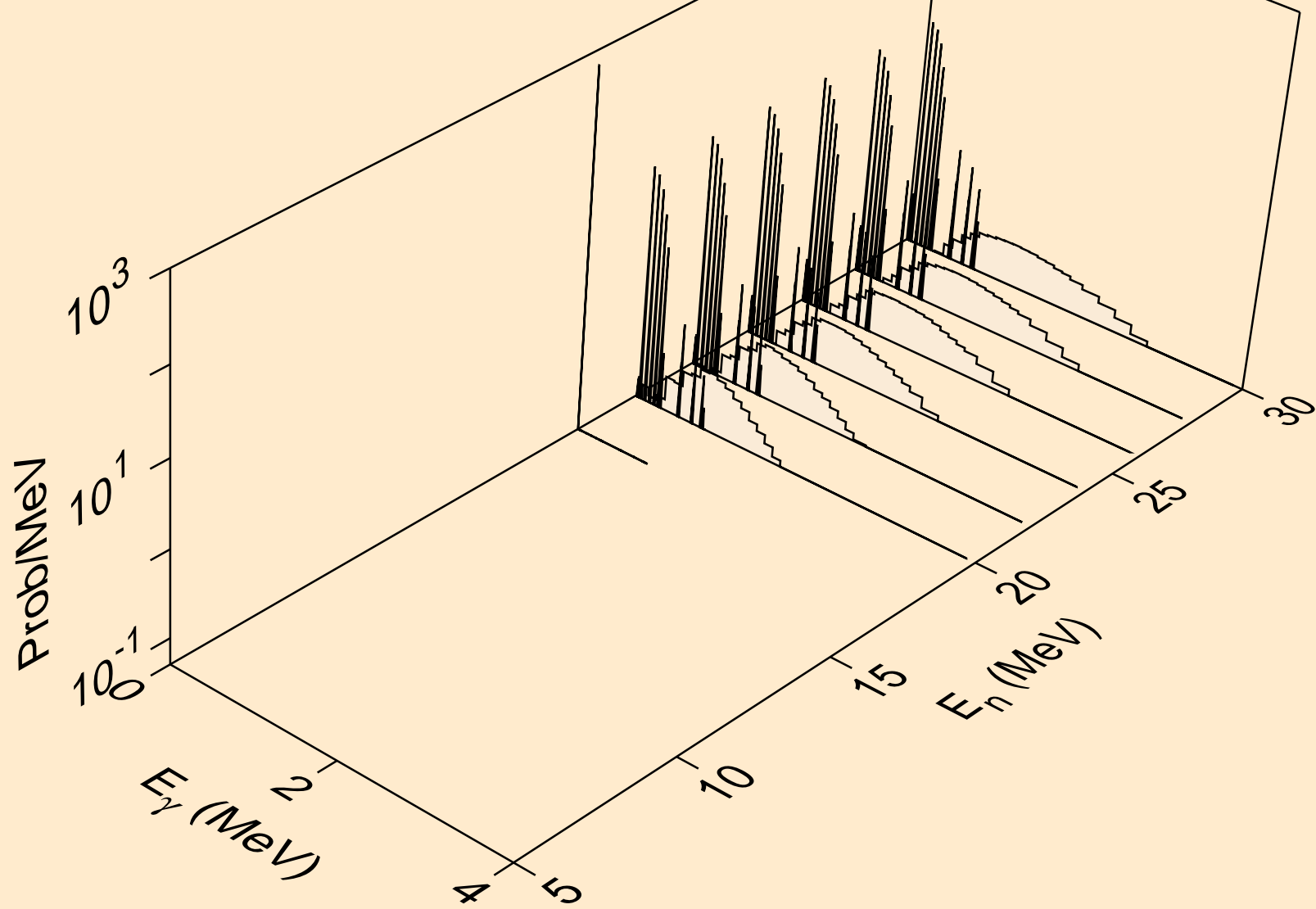
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Photon emission for (n,he3)



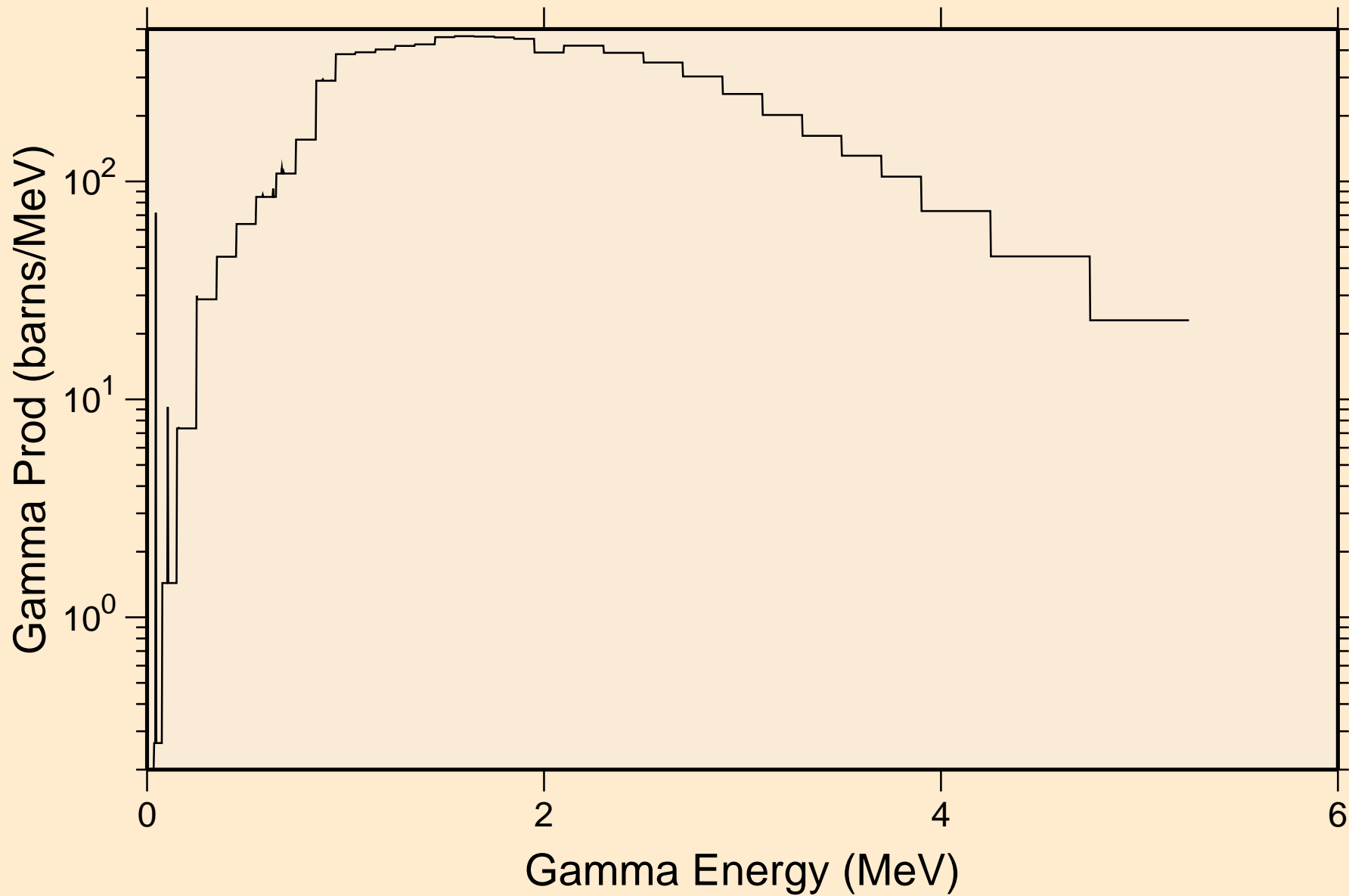
U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



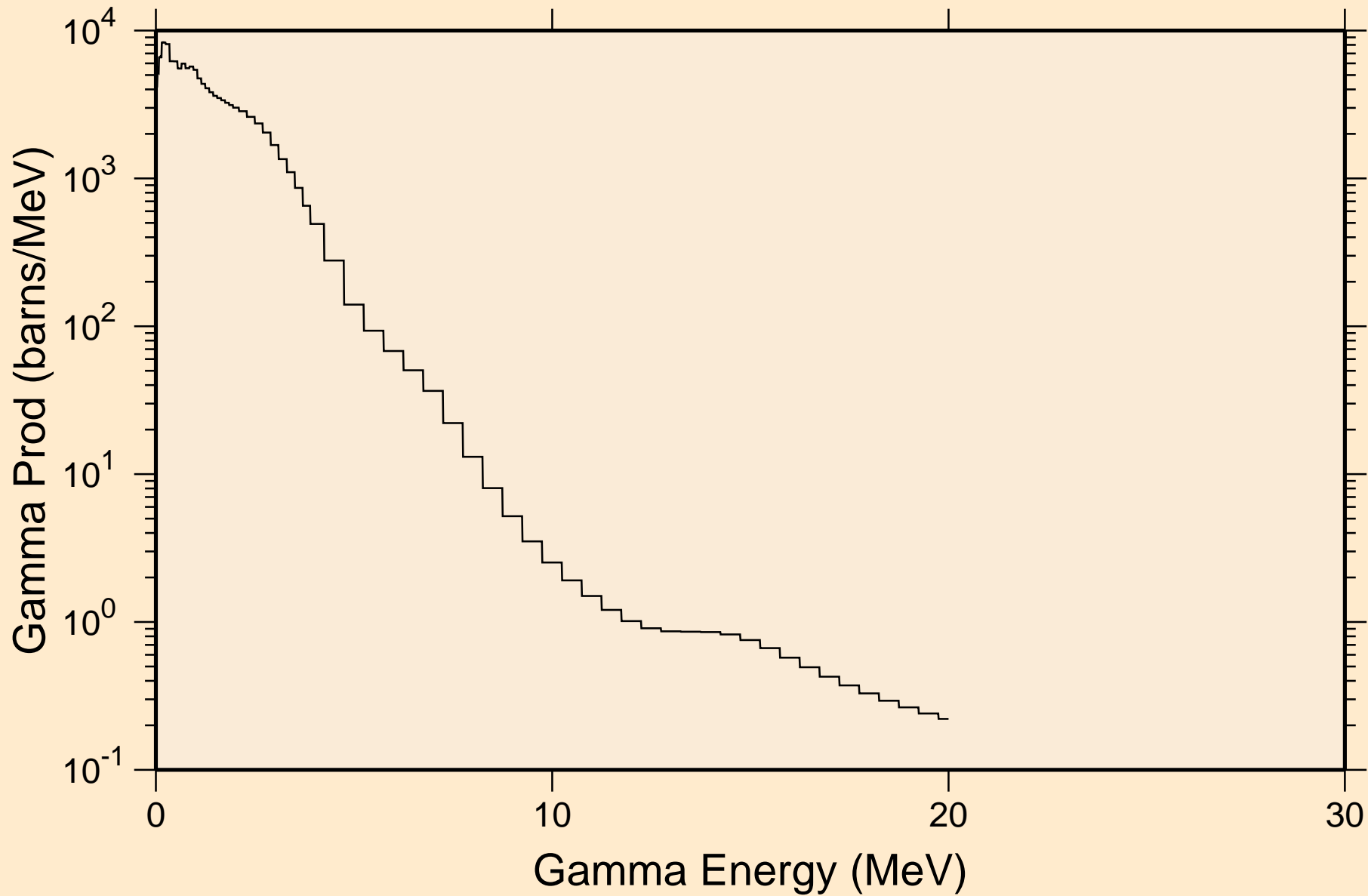
U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

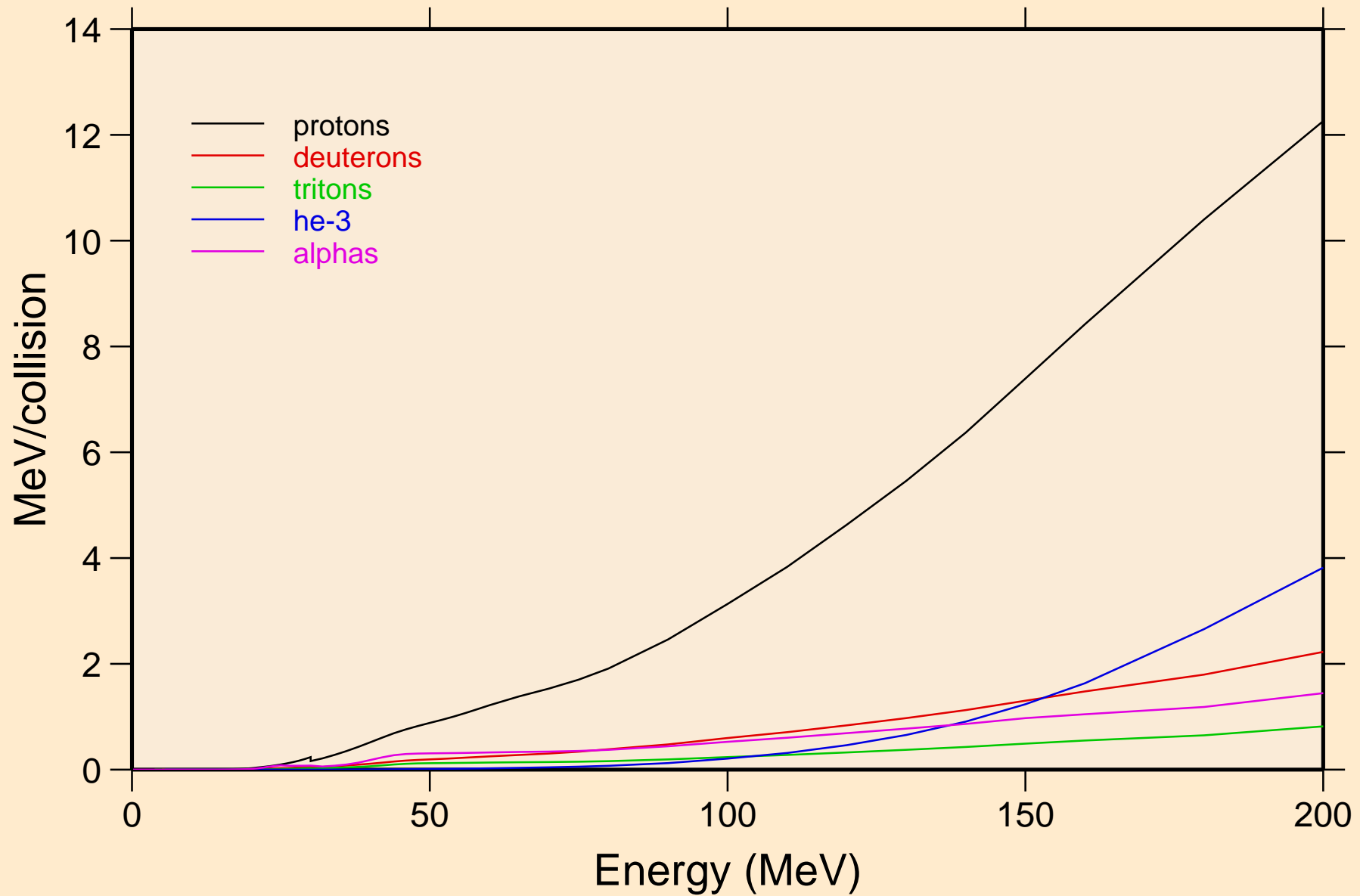


U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

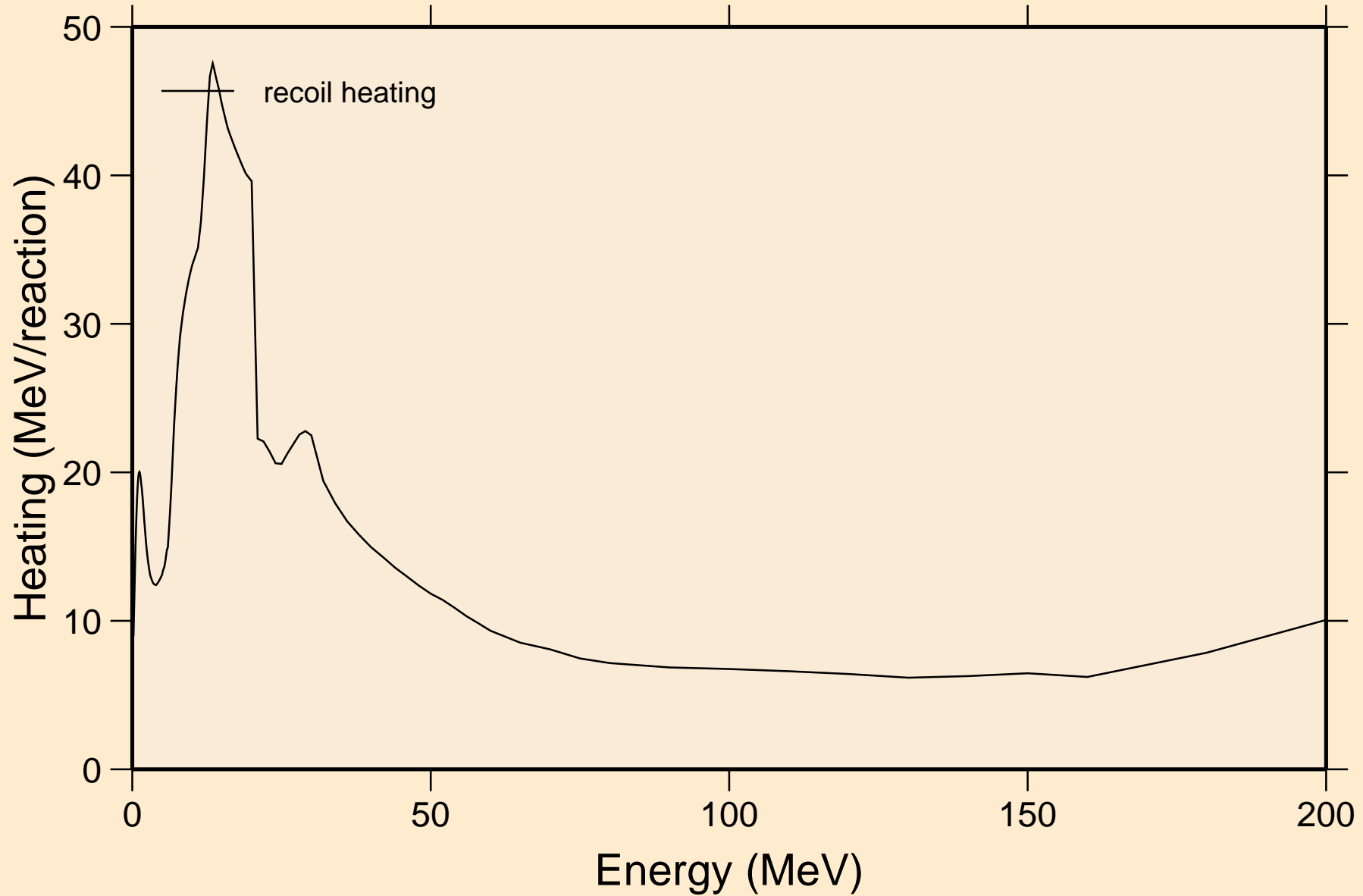


# U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions



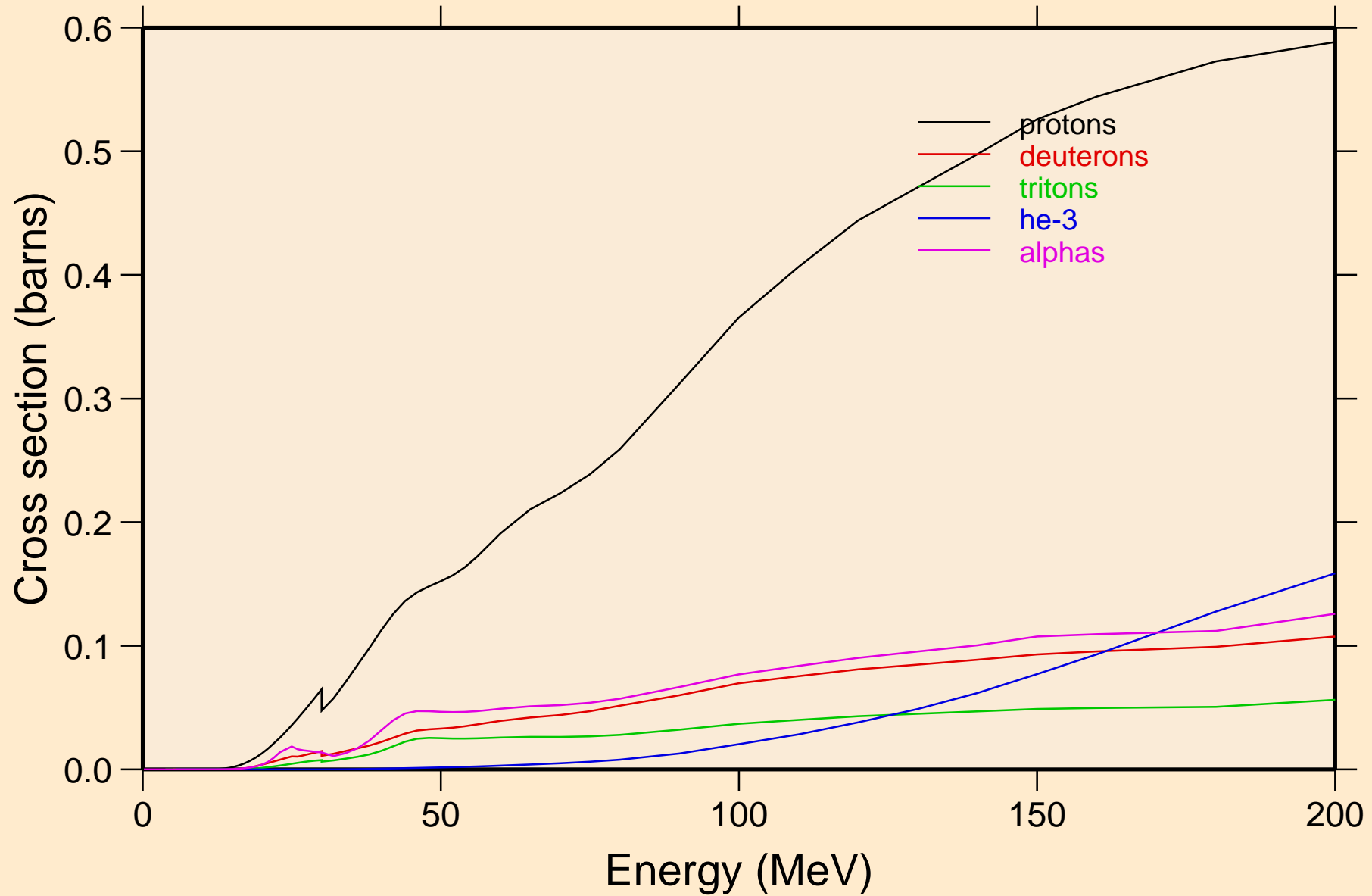
U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating



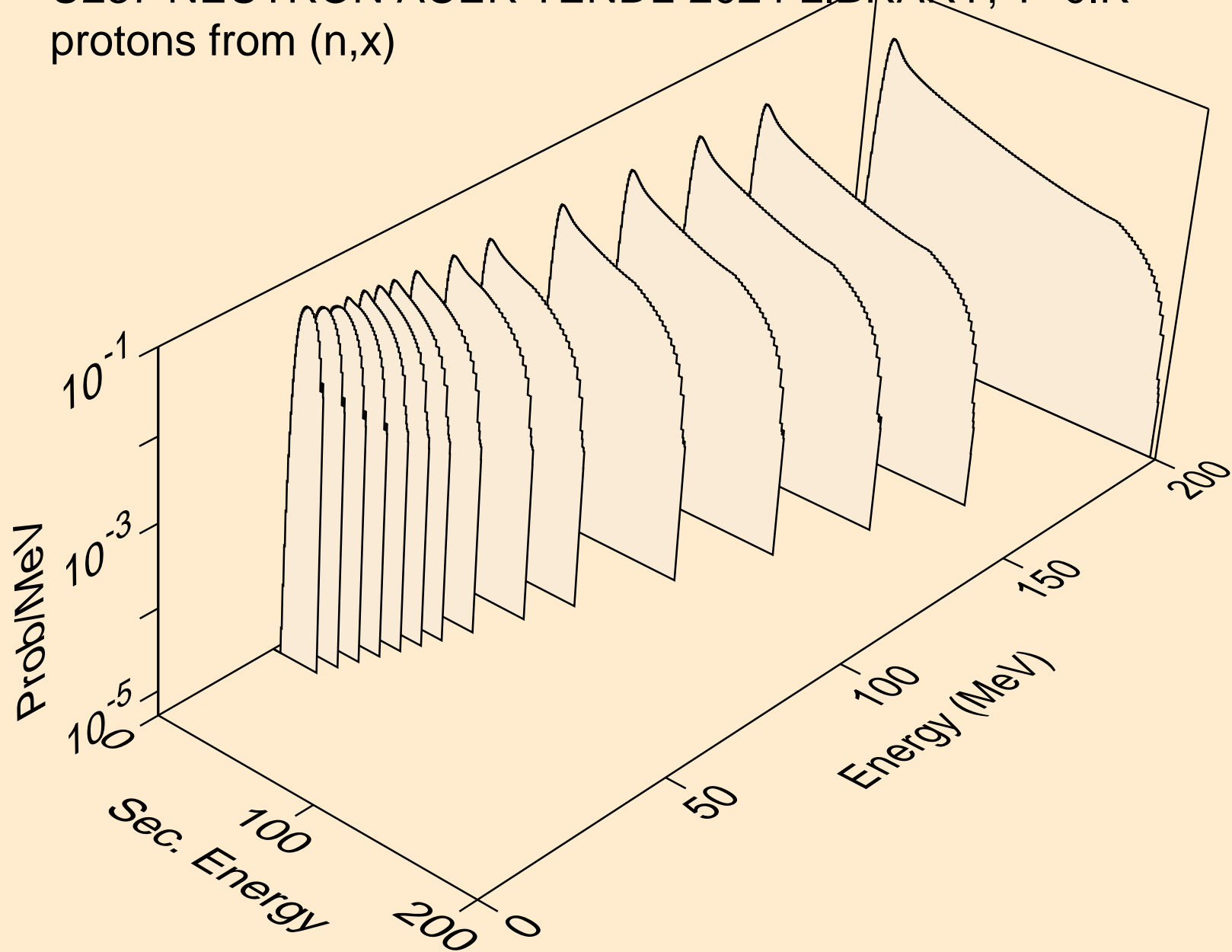


# U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

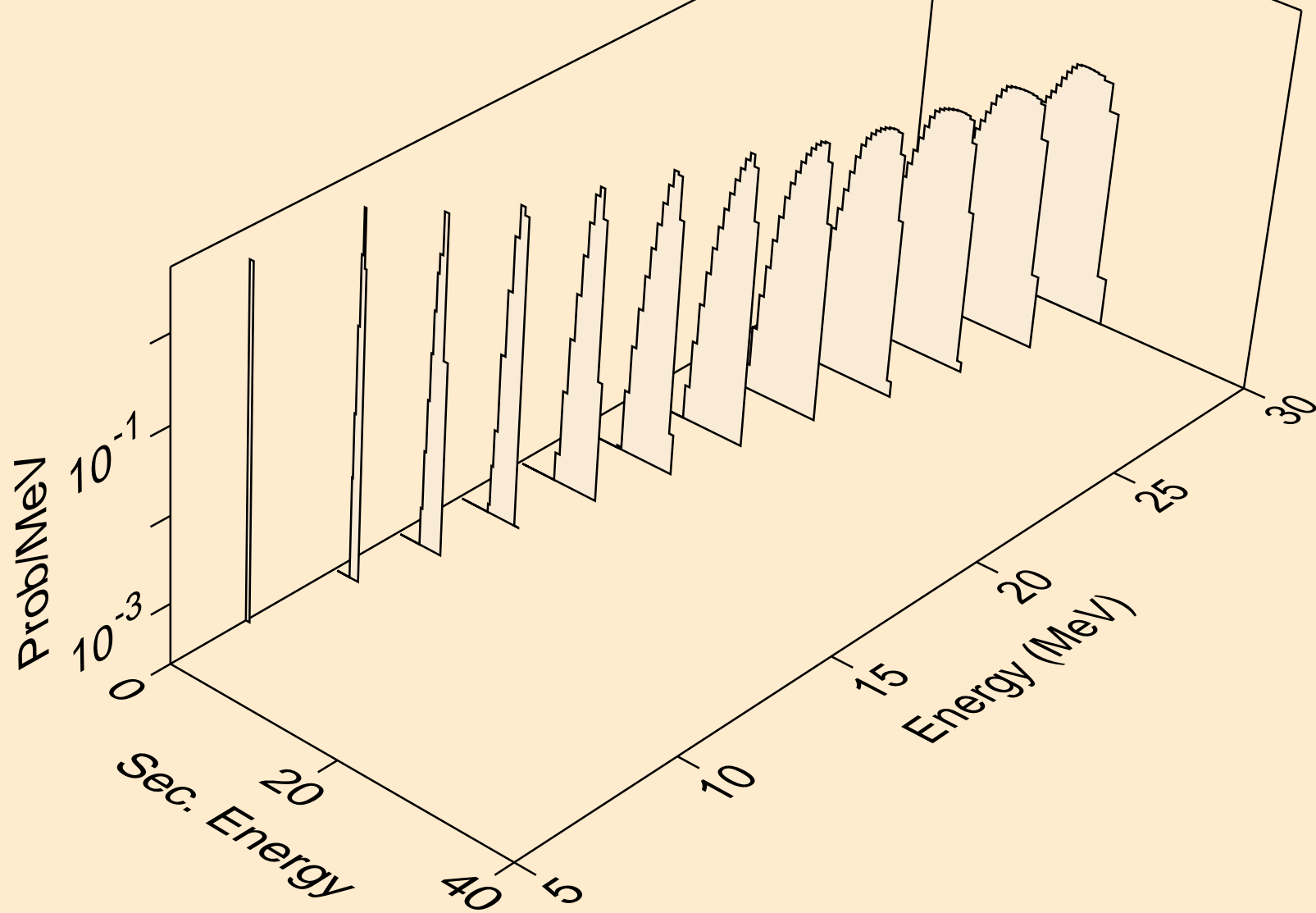
## Particle production cross sections



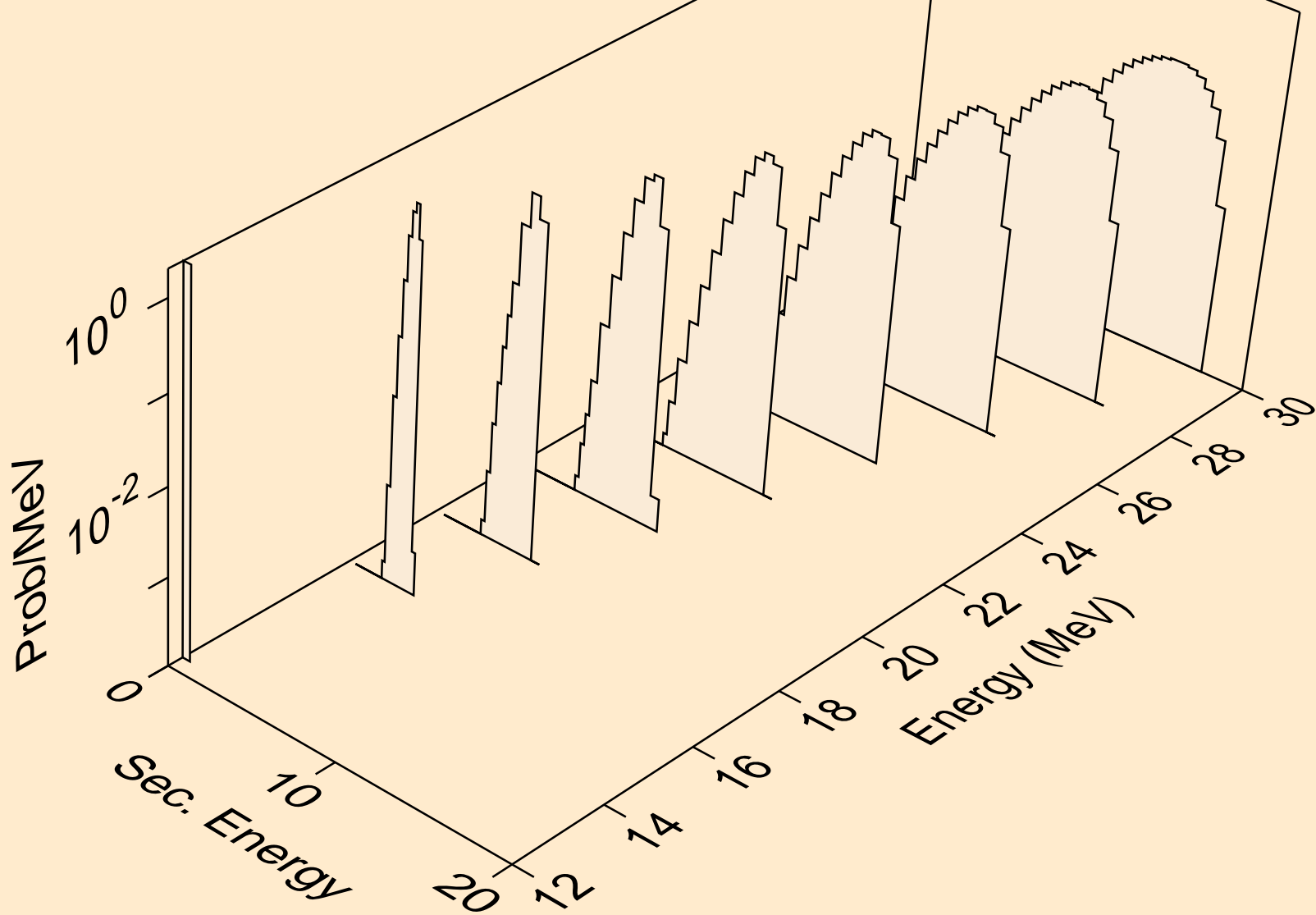
U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



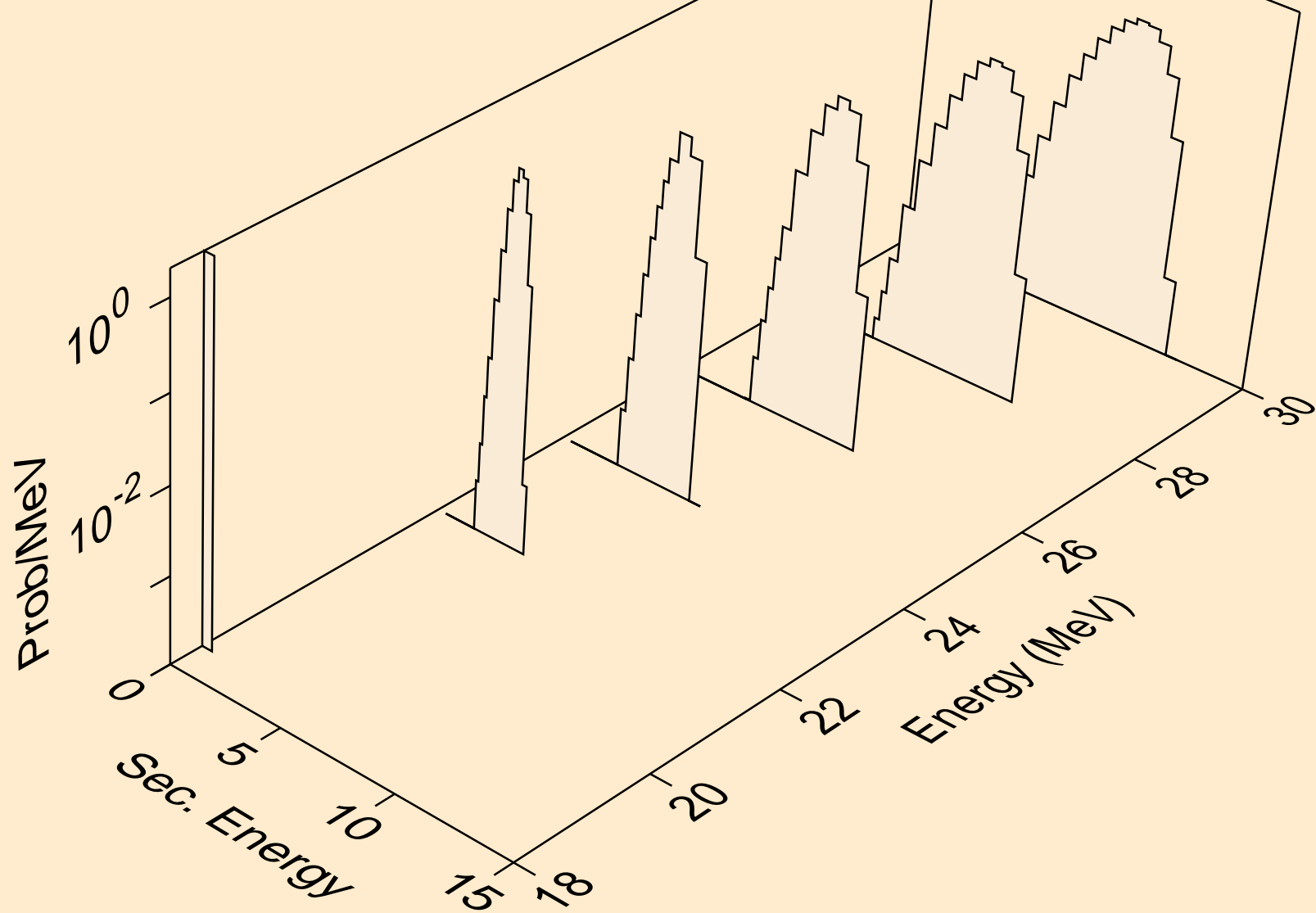
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protons from (n,n\*)p



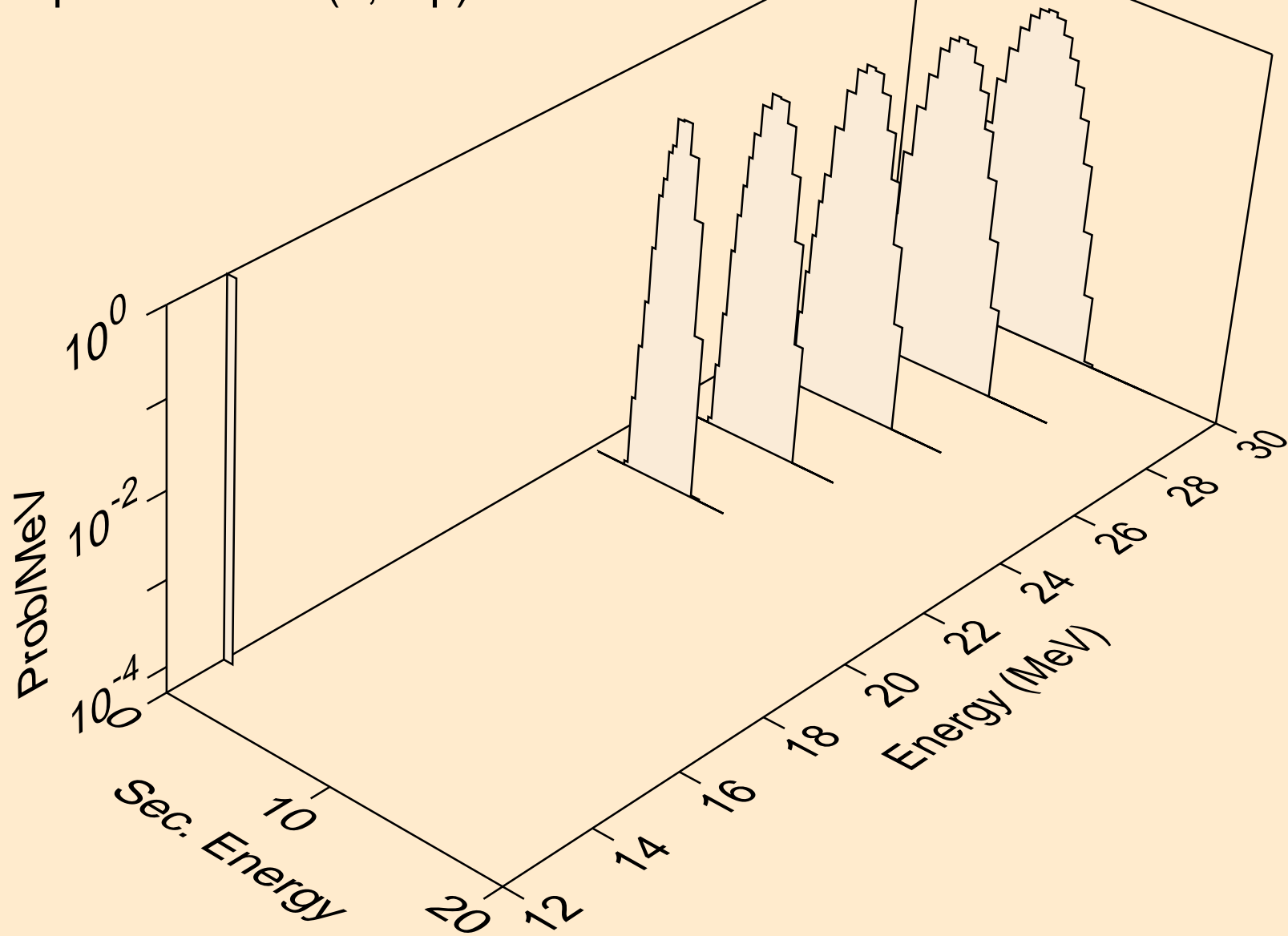
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protons from (n,2np)



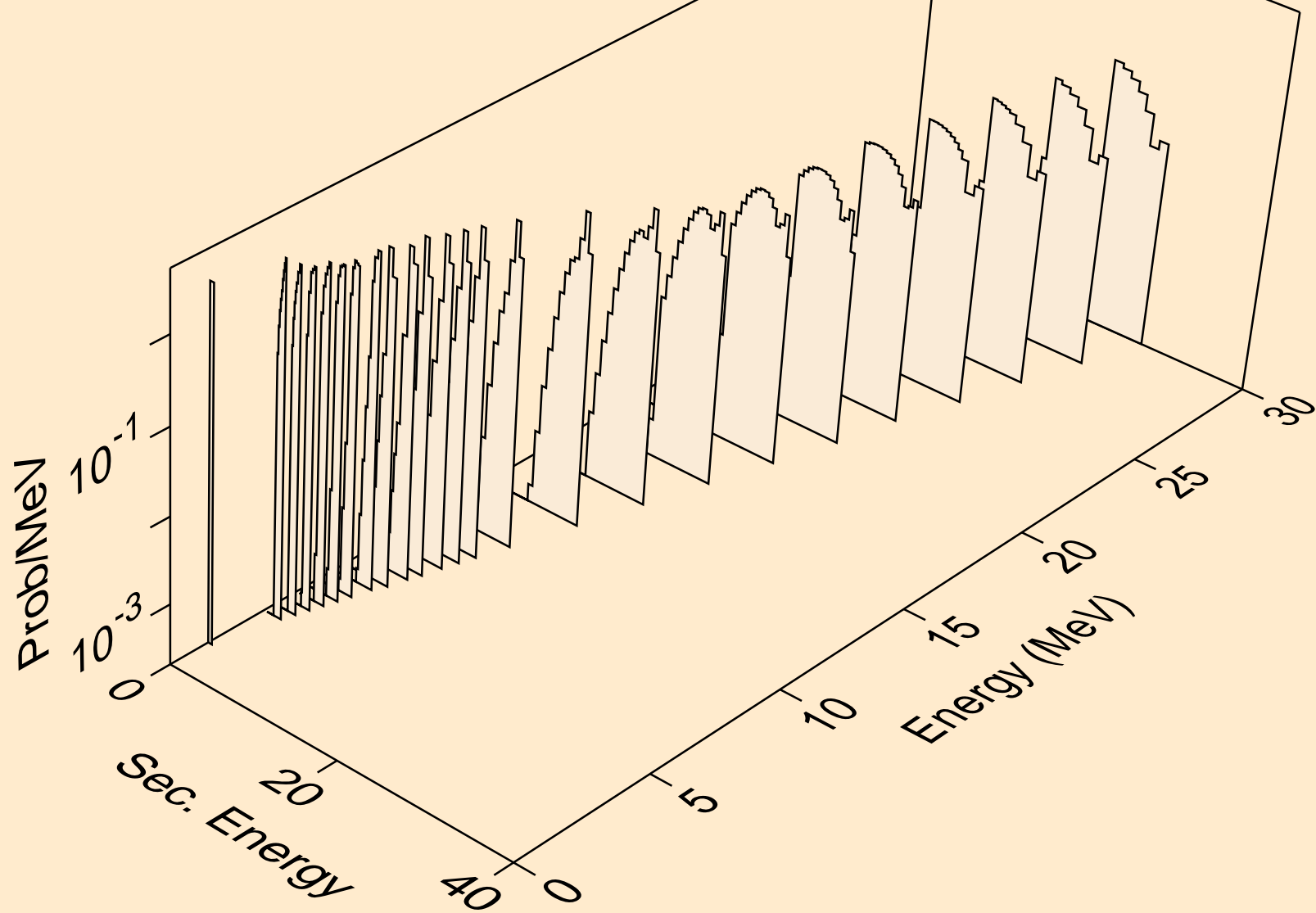
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protons from (n,3np)



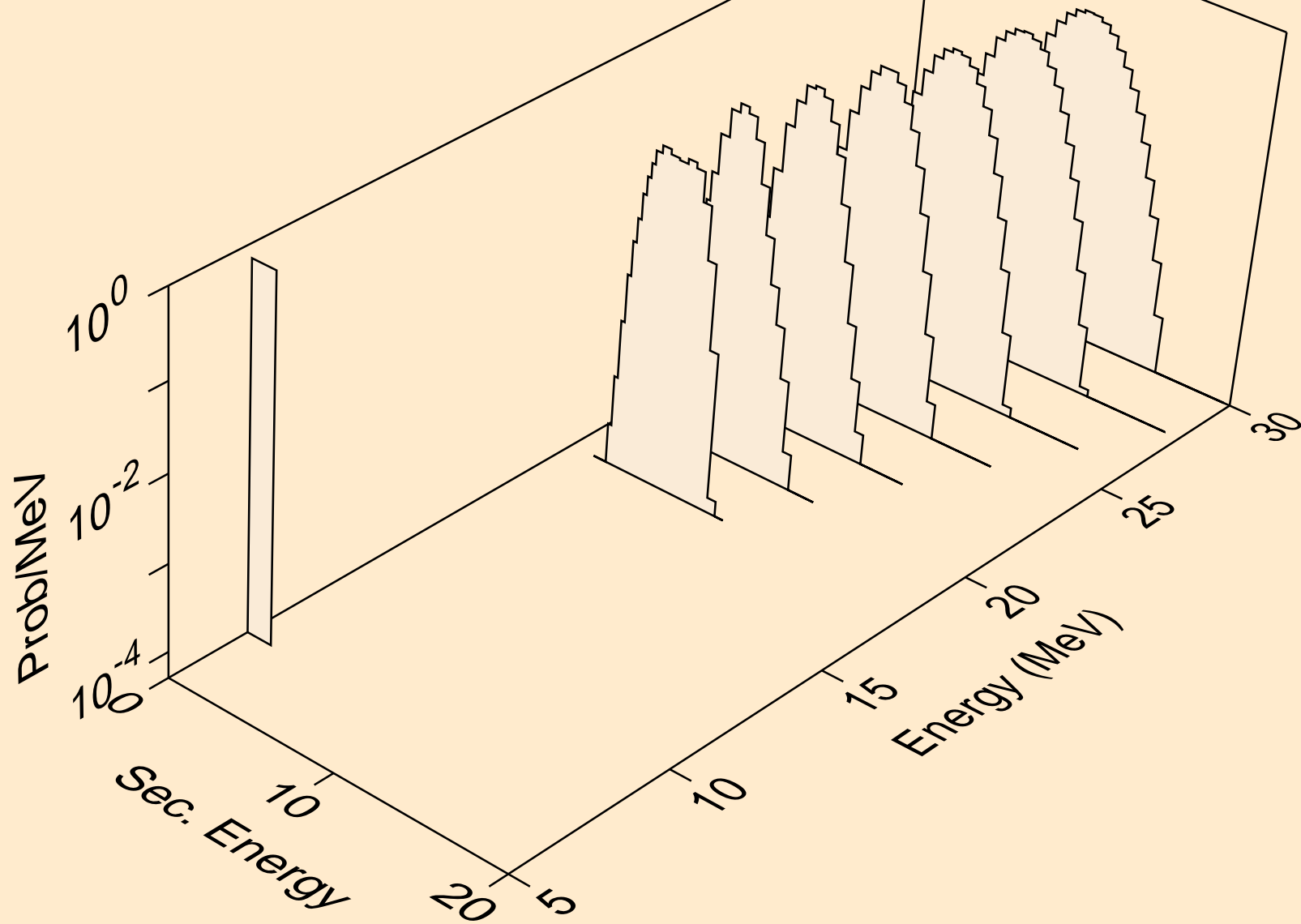
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protons from (n,n2p)



U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)

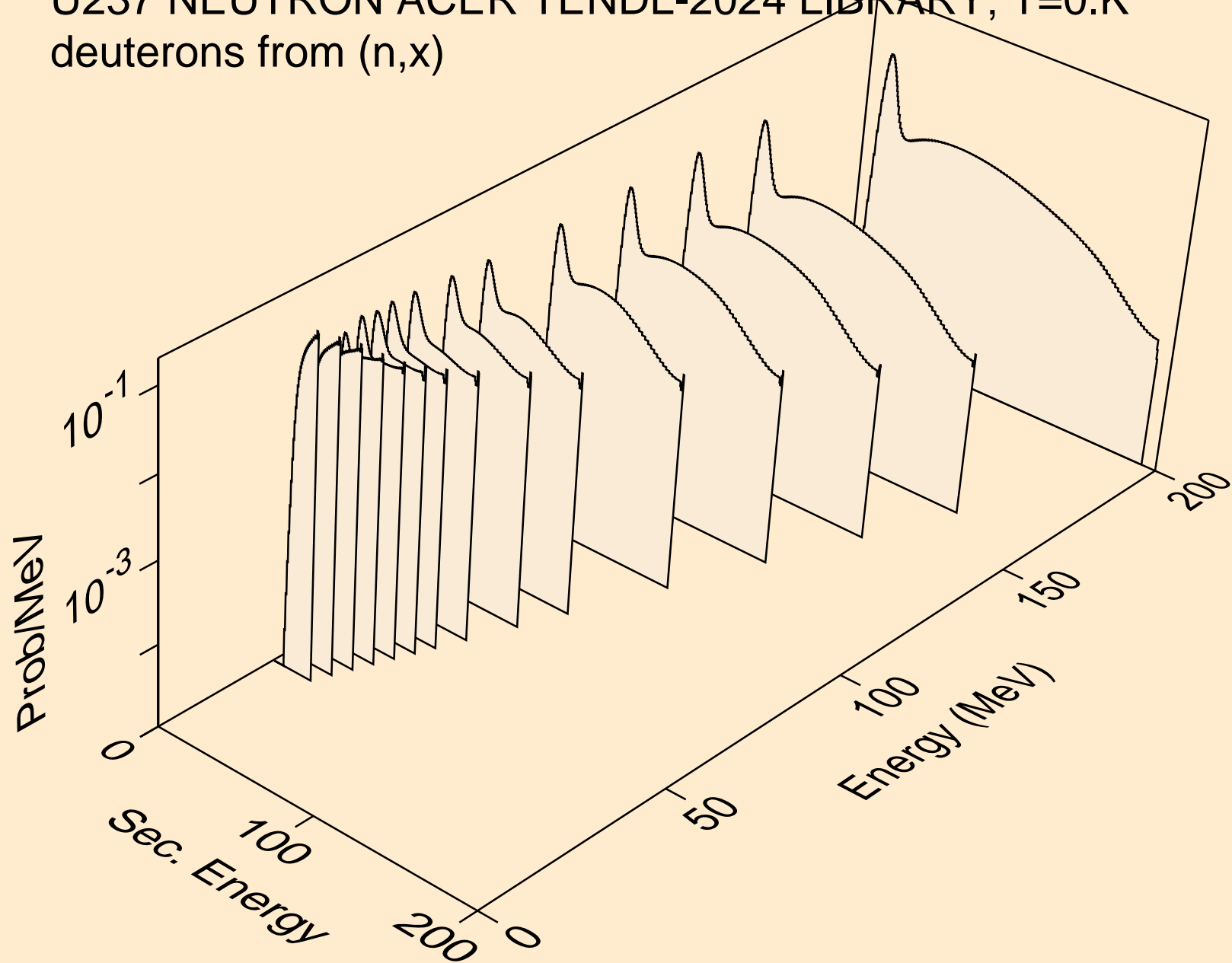


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protons from (n,2p)

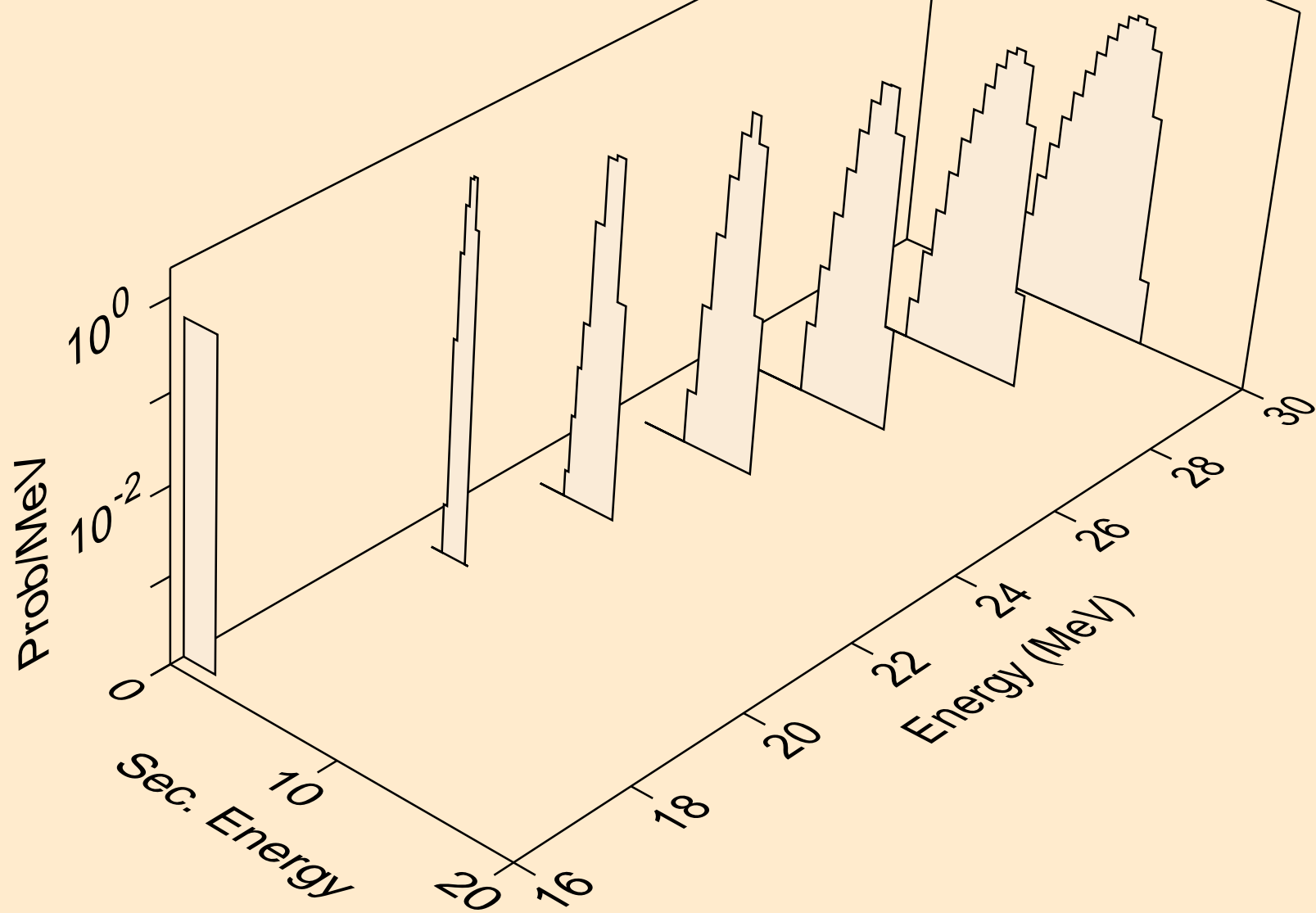




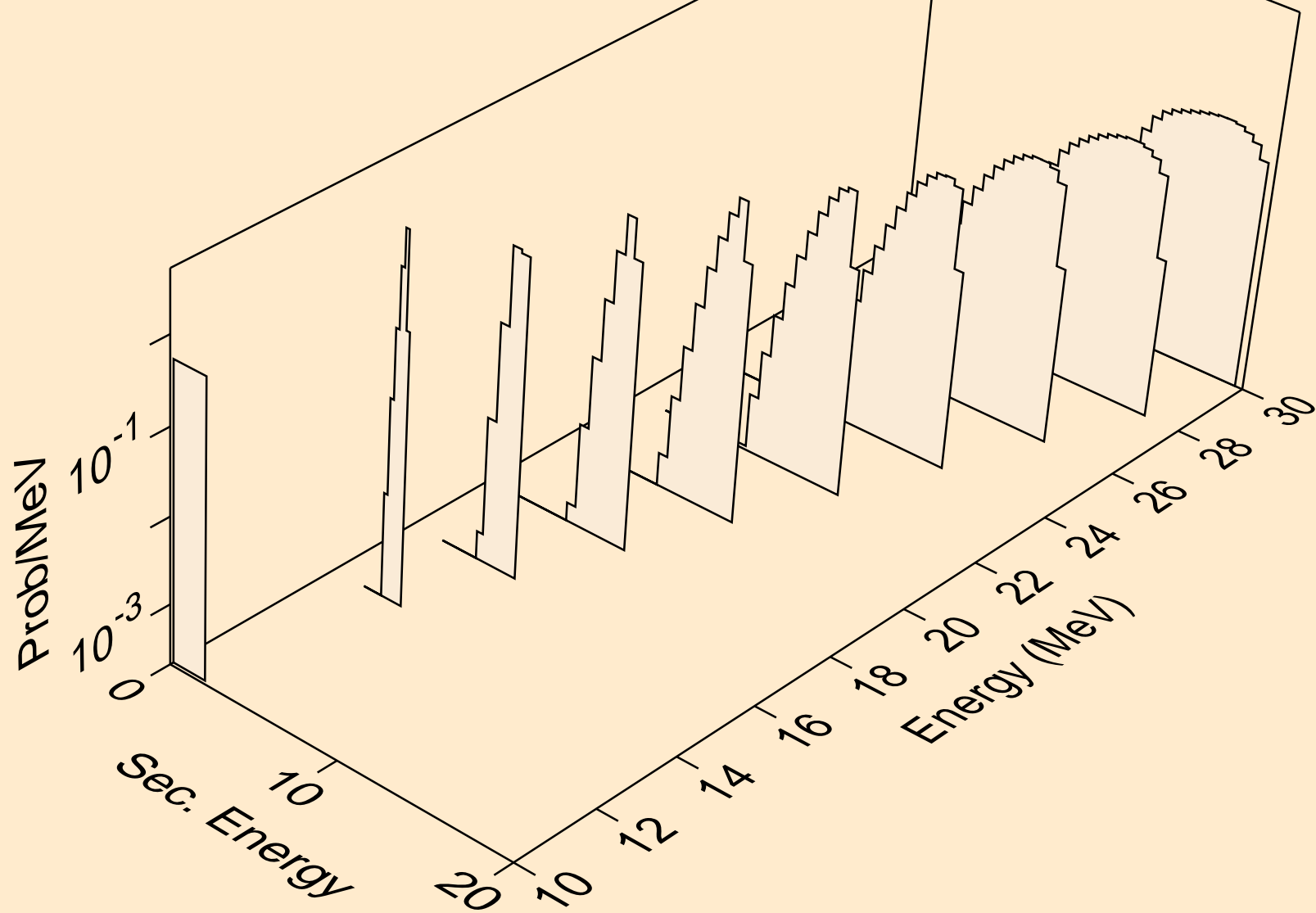
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deuterons from (n,x)



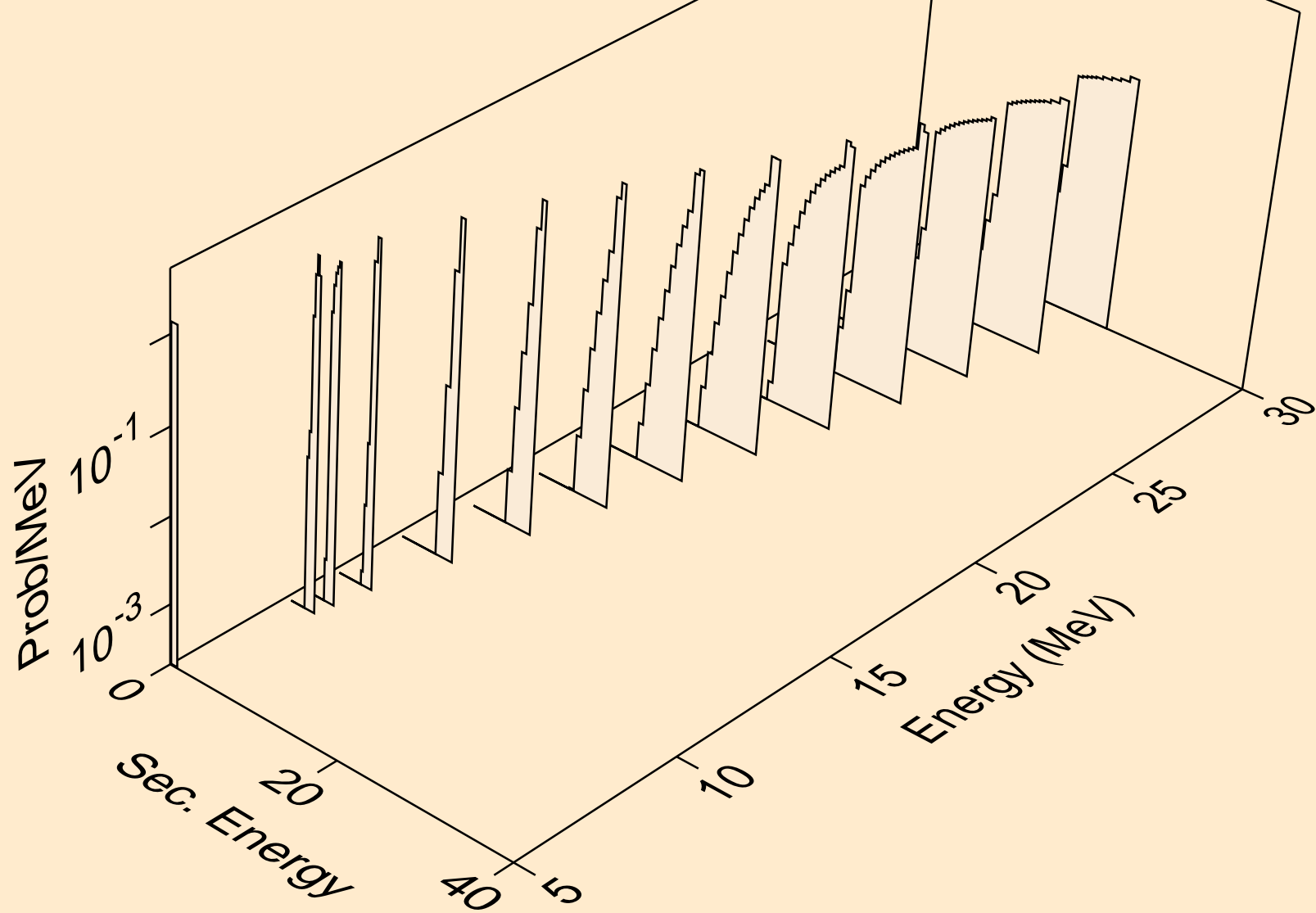
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deuterons from (n,2nd)



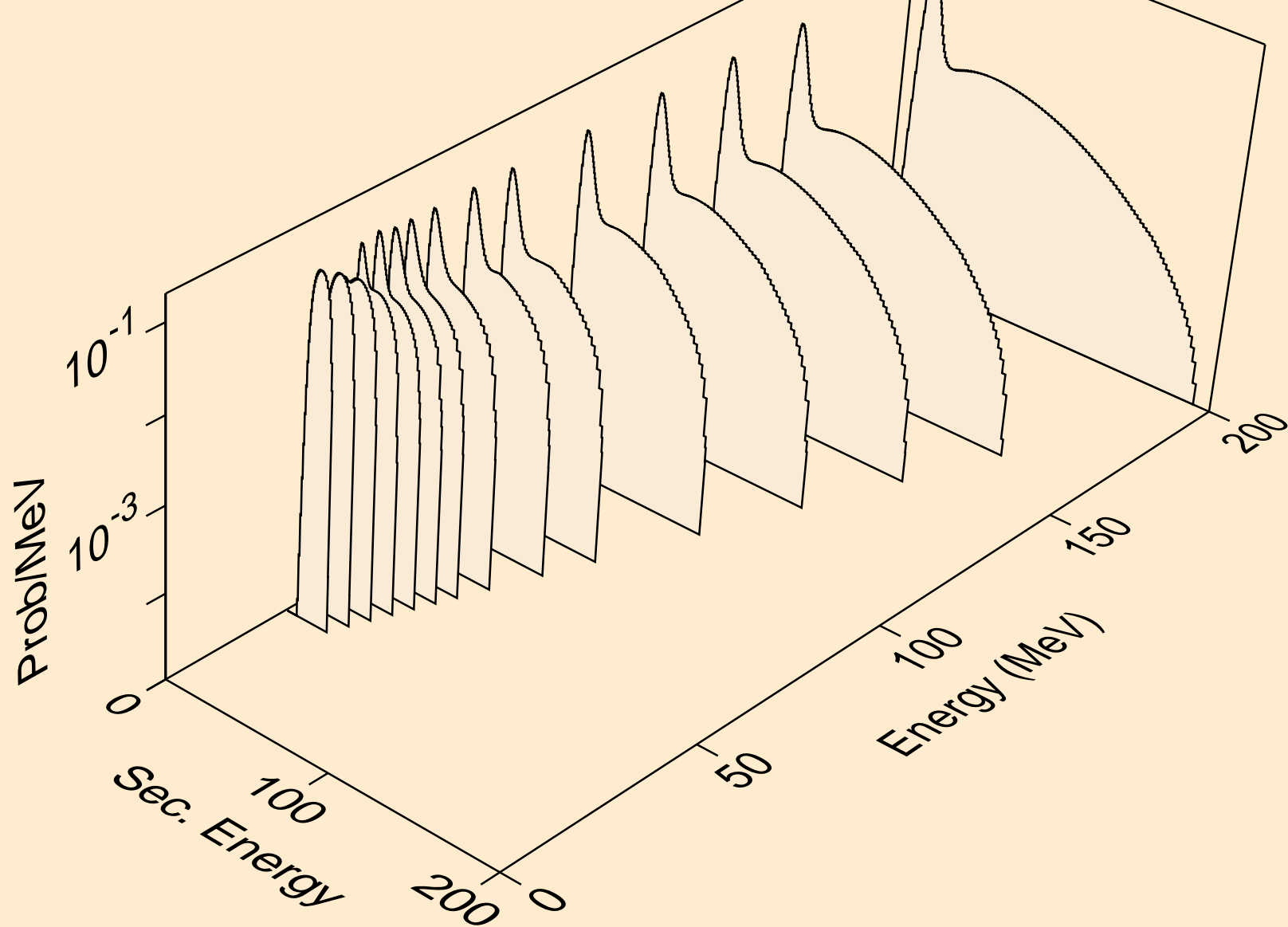
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deuterons from (n,n\*)d



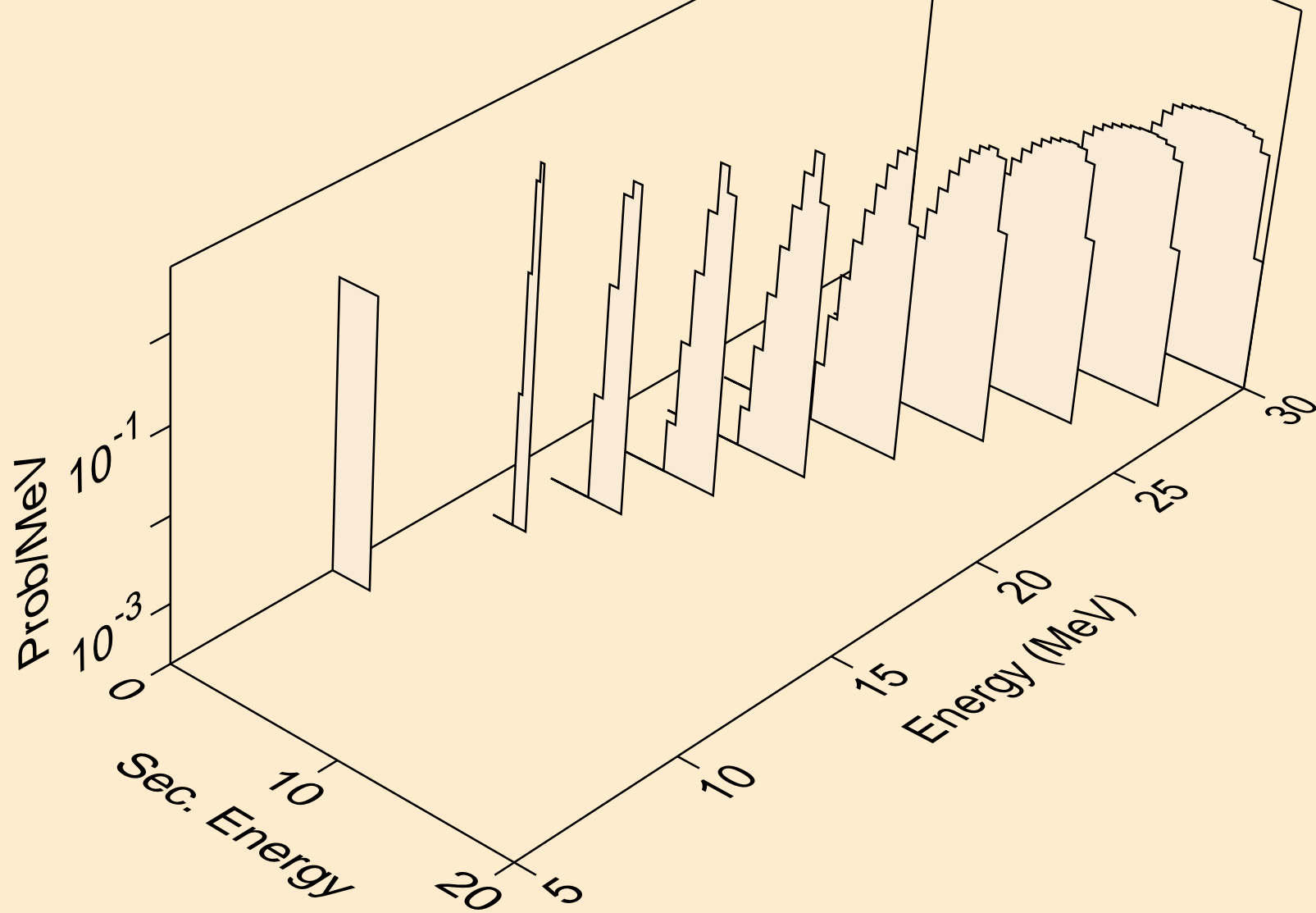
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deuterons from (n,d)



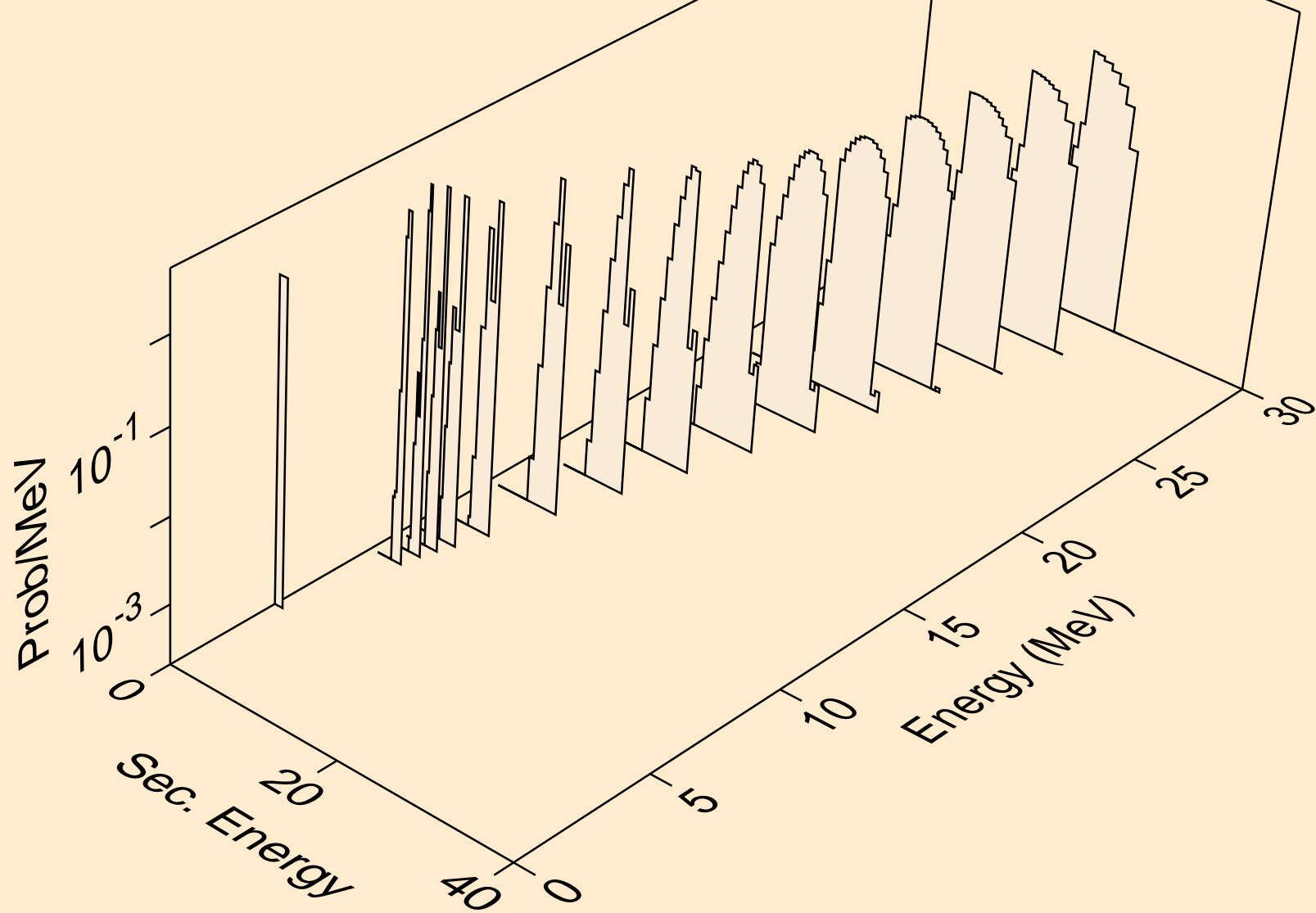
U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)



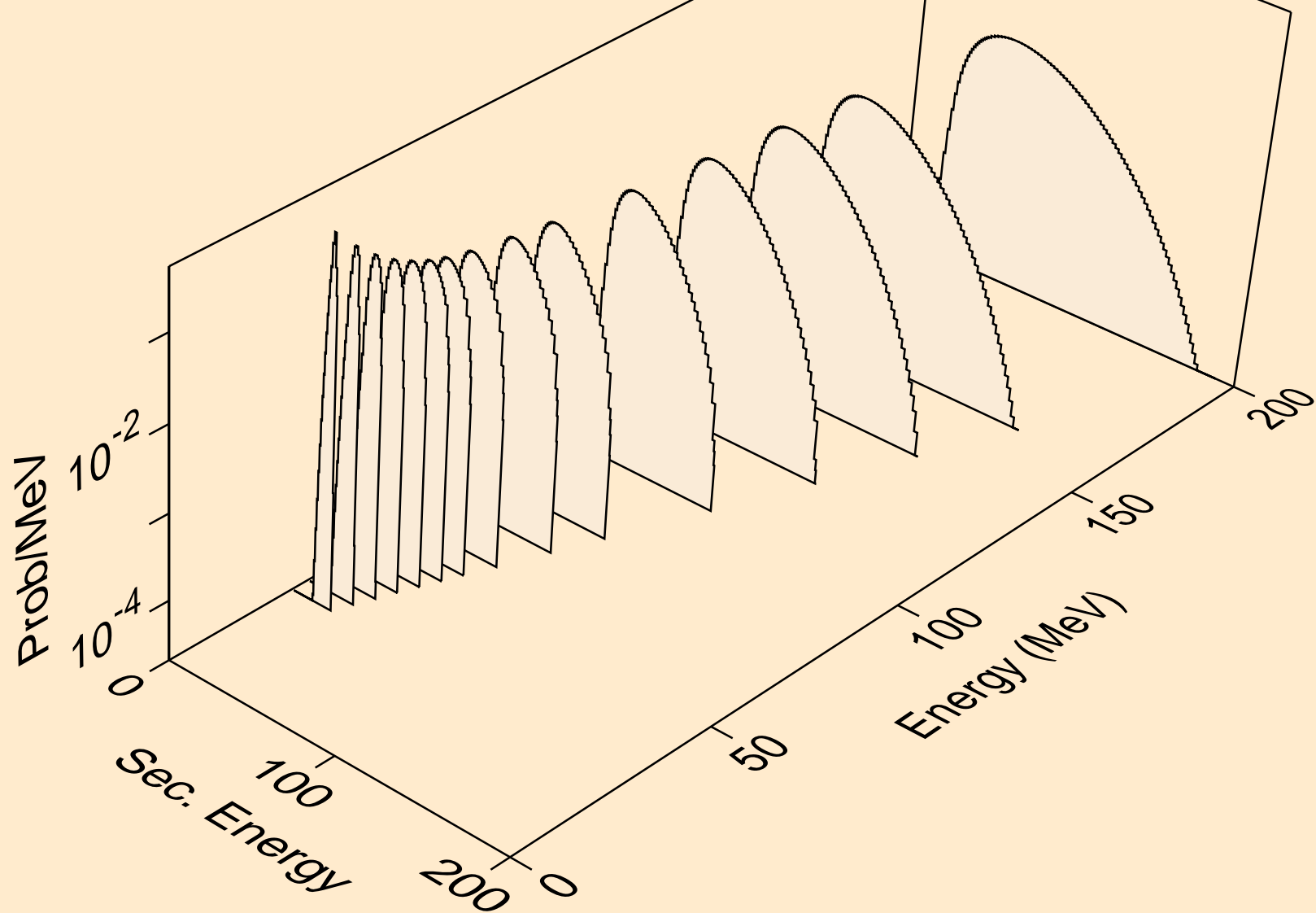
U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)

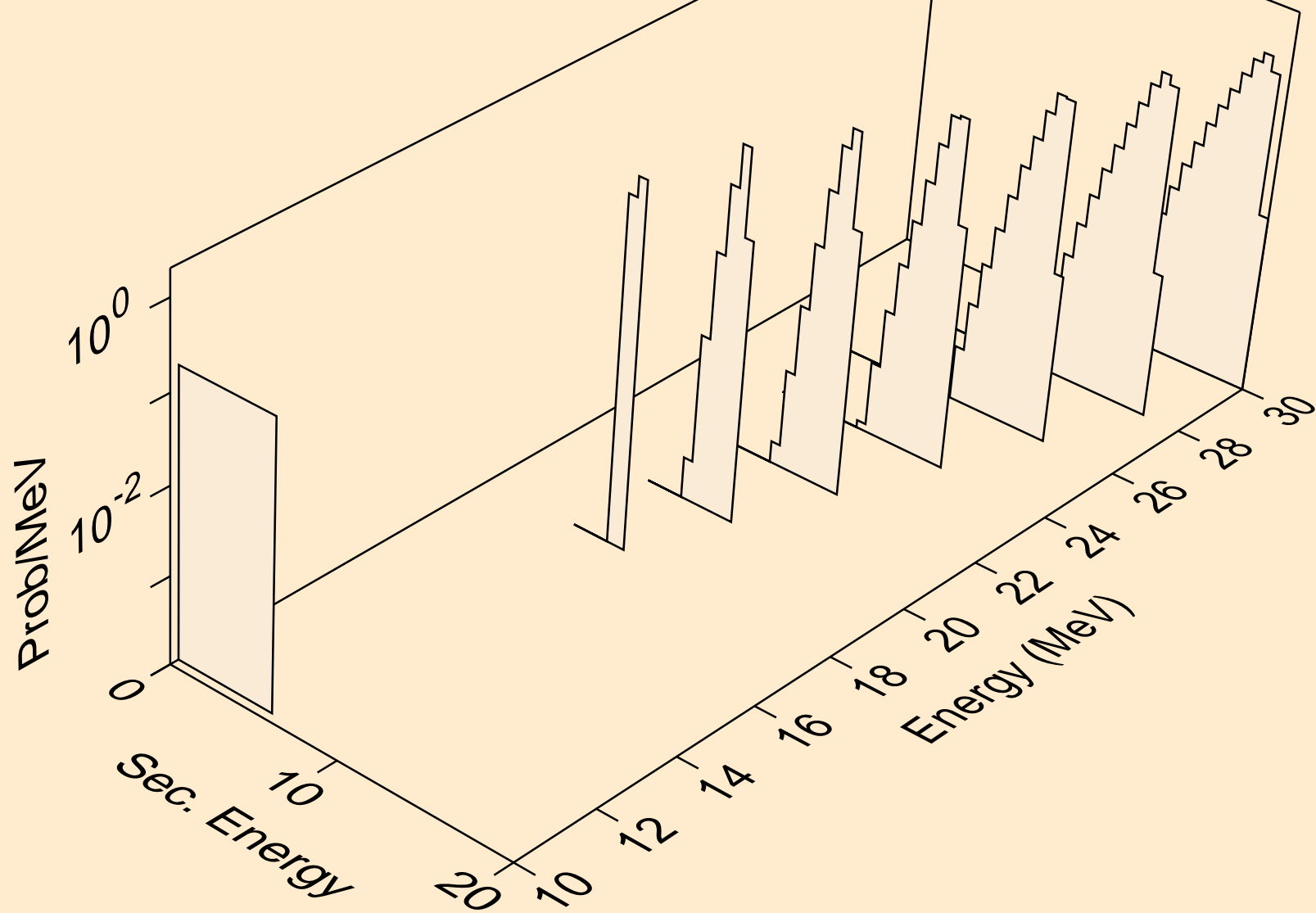


U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)

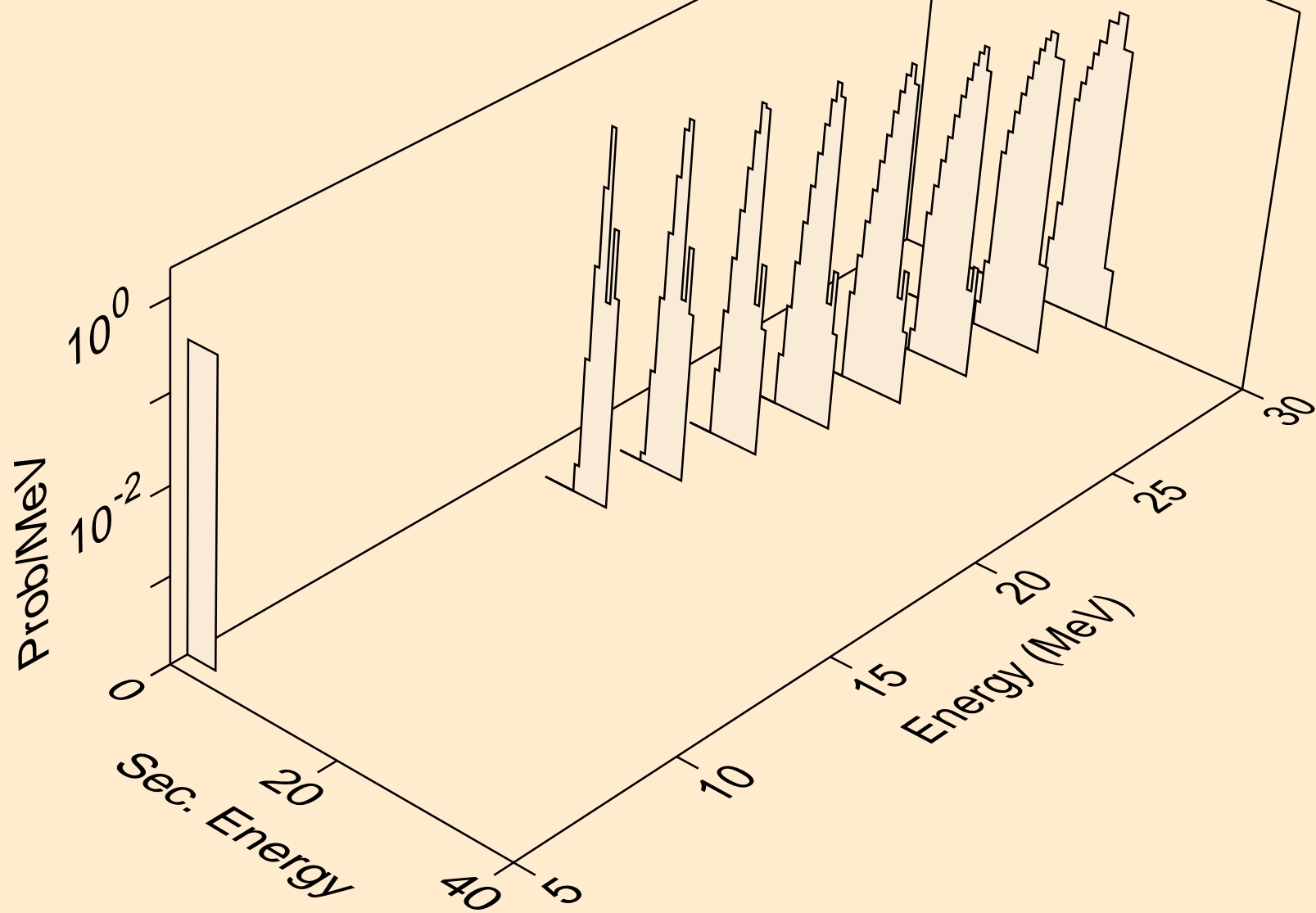




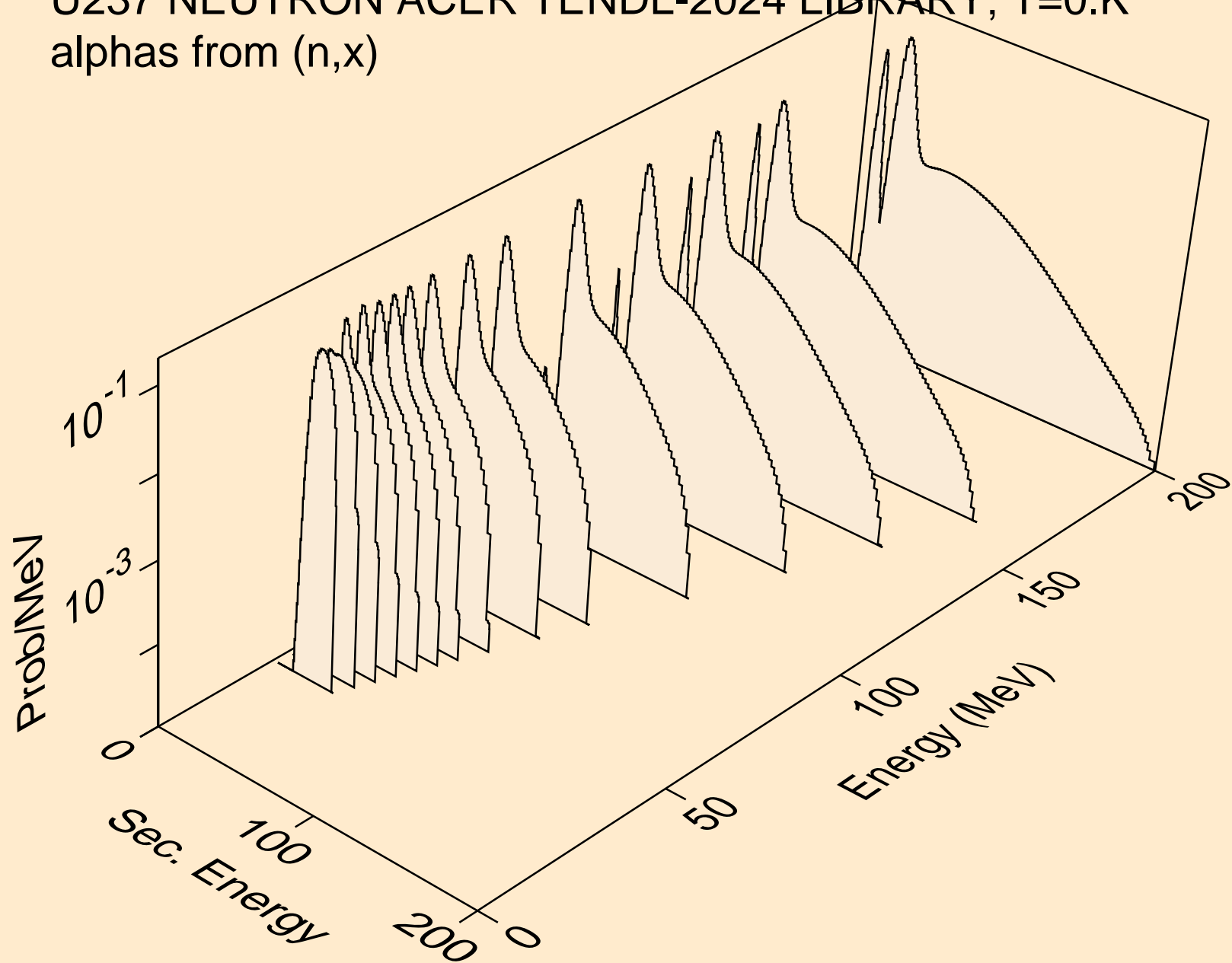
U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



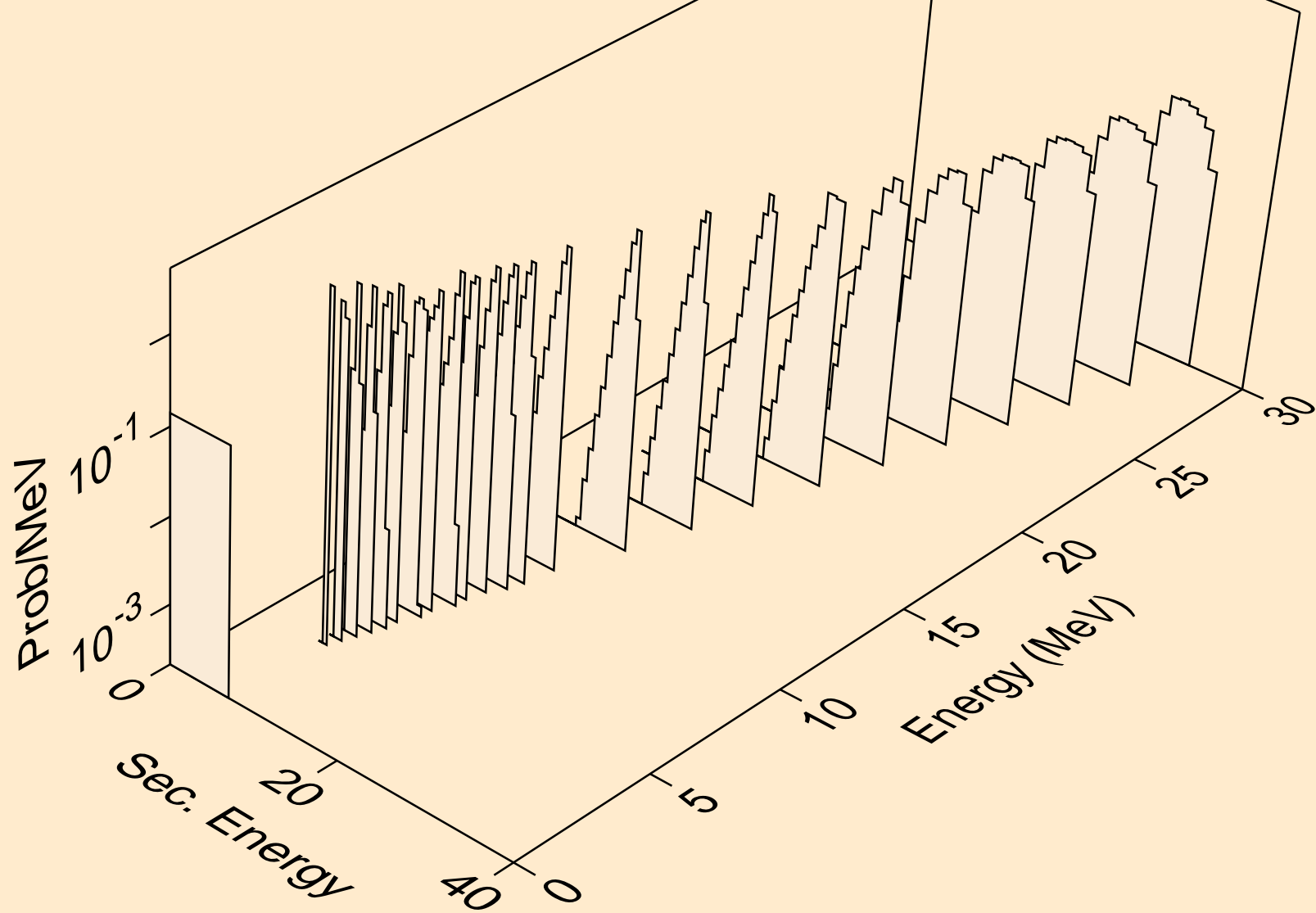
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he3s from (n,he3)



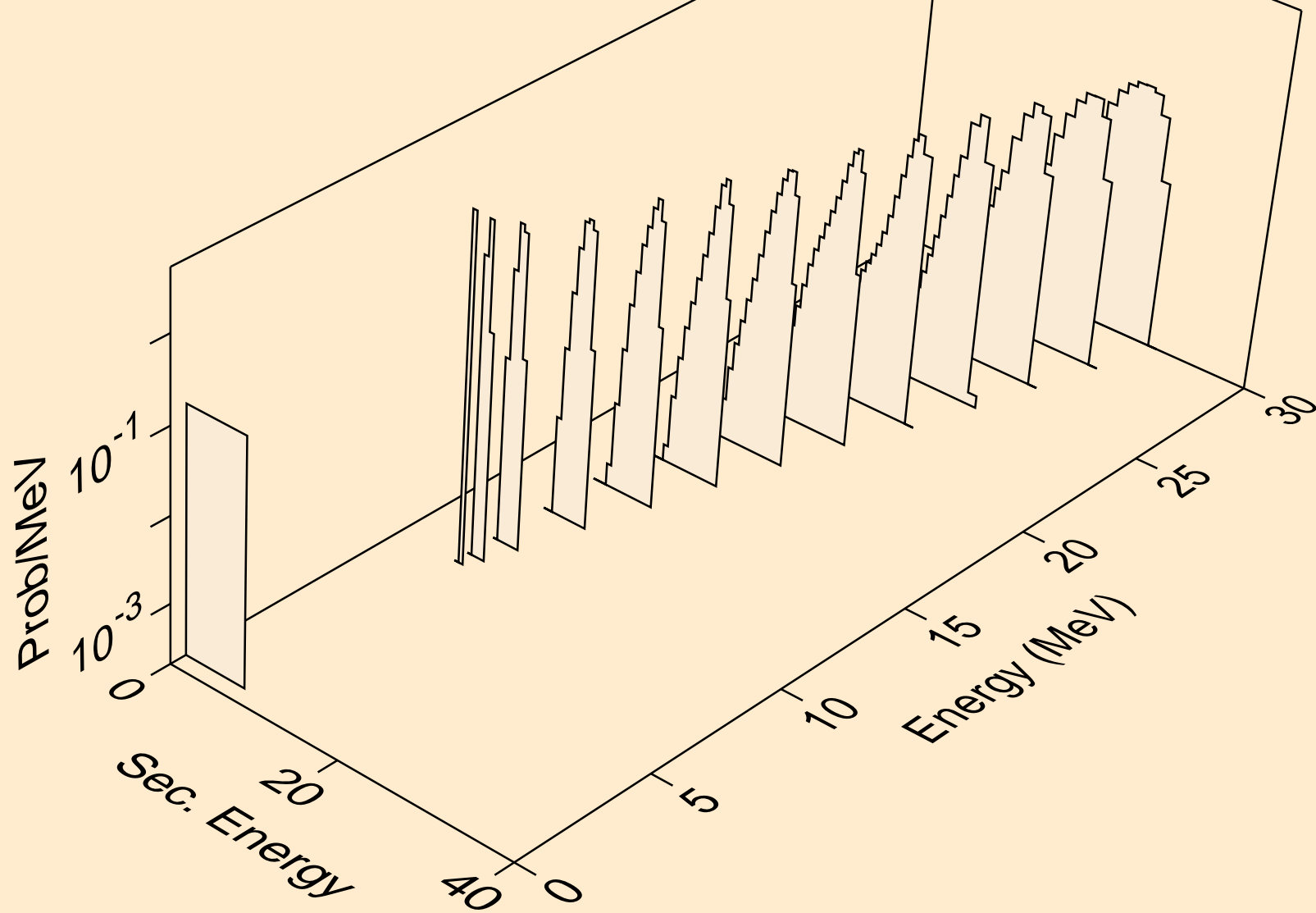
U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



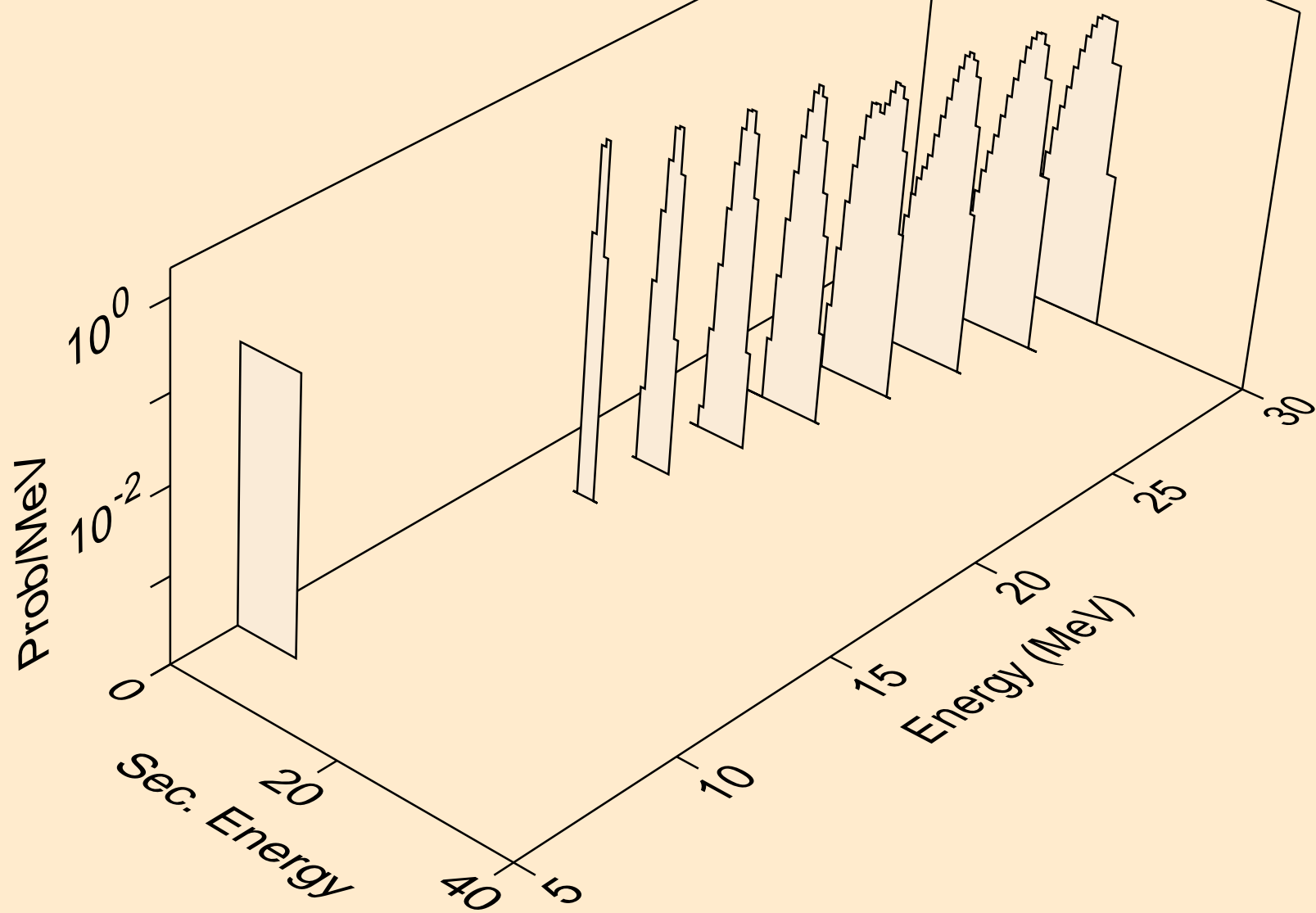
U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



U237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)

