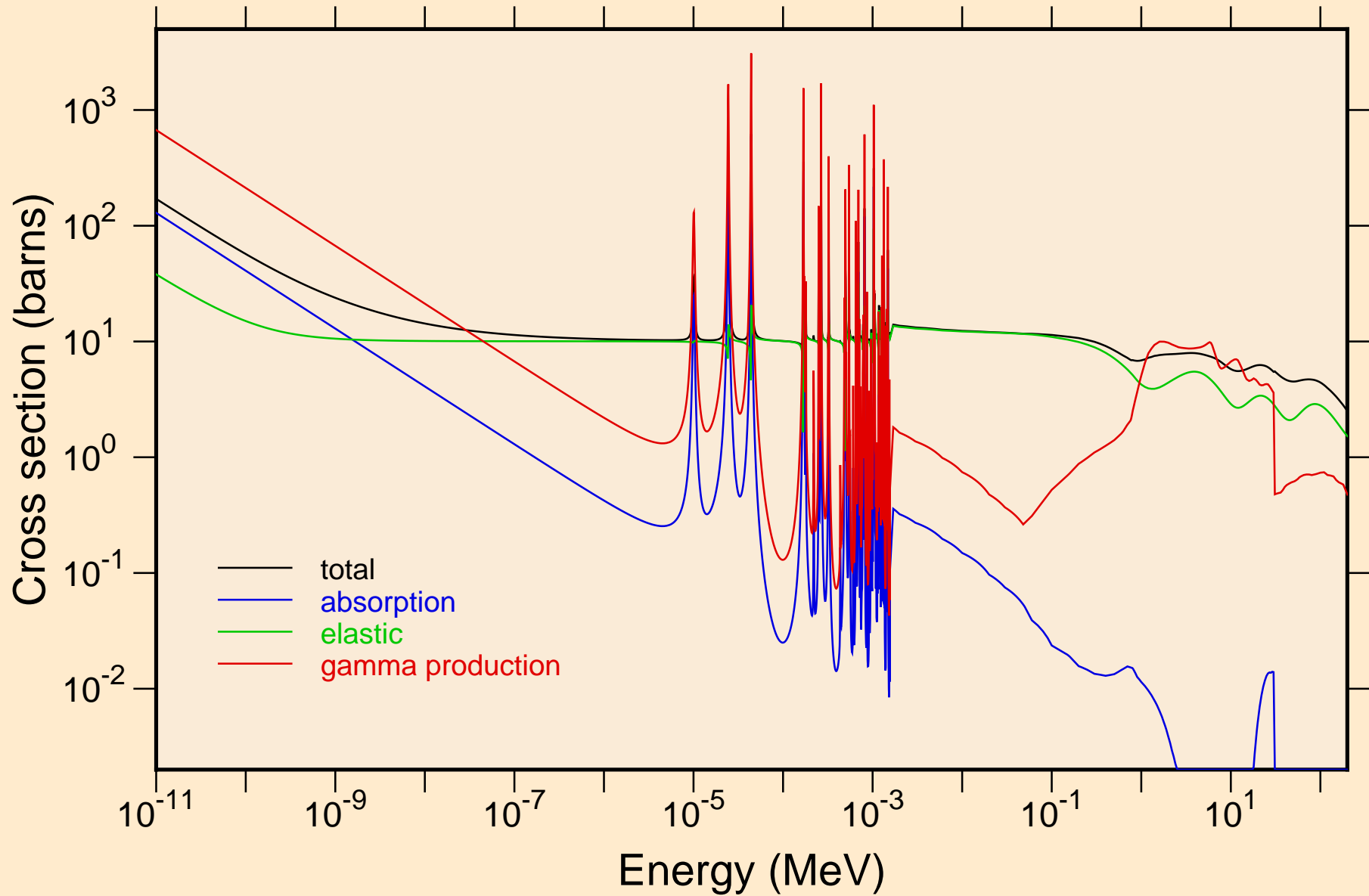
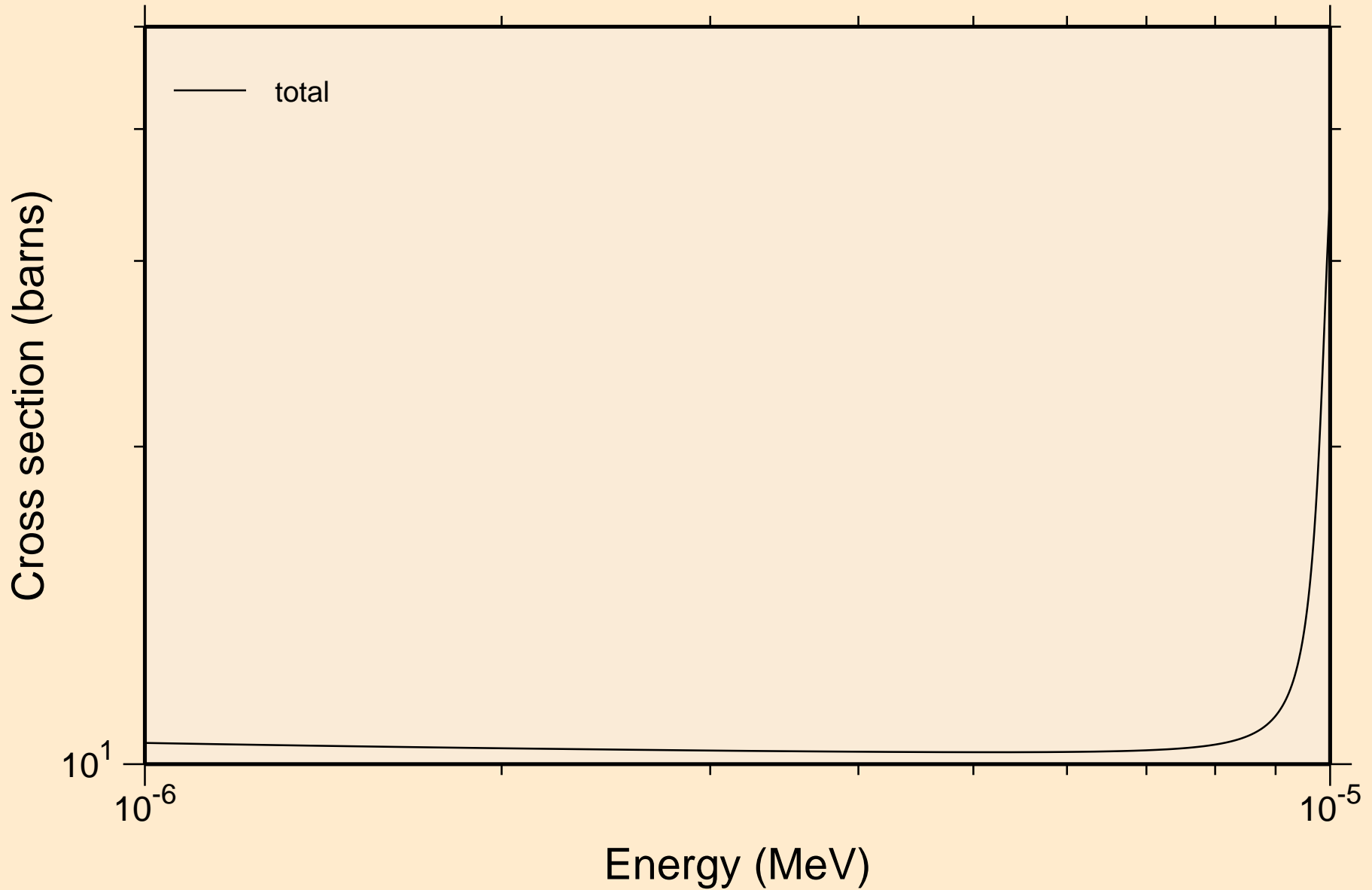


# U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

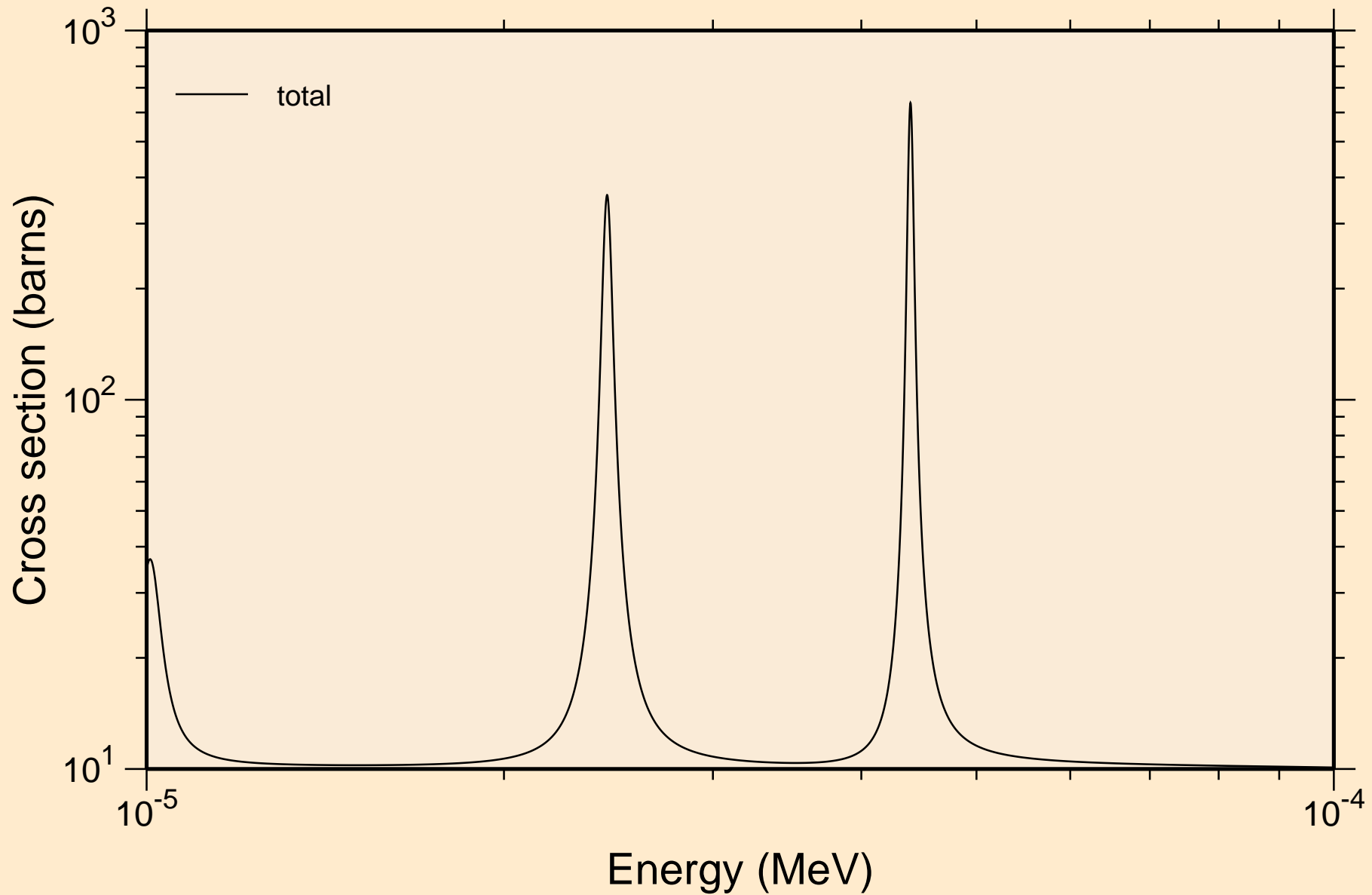
## Principal cross sections



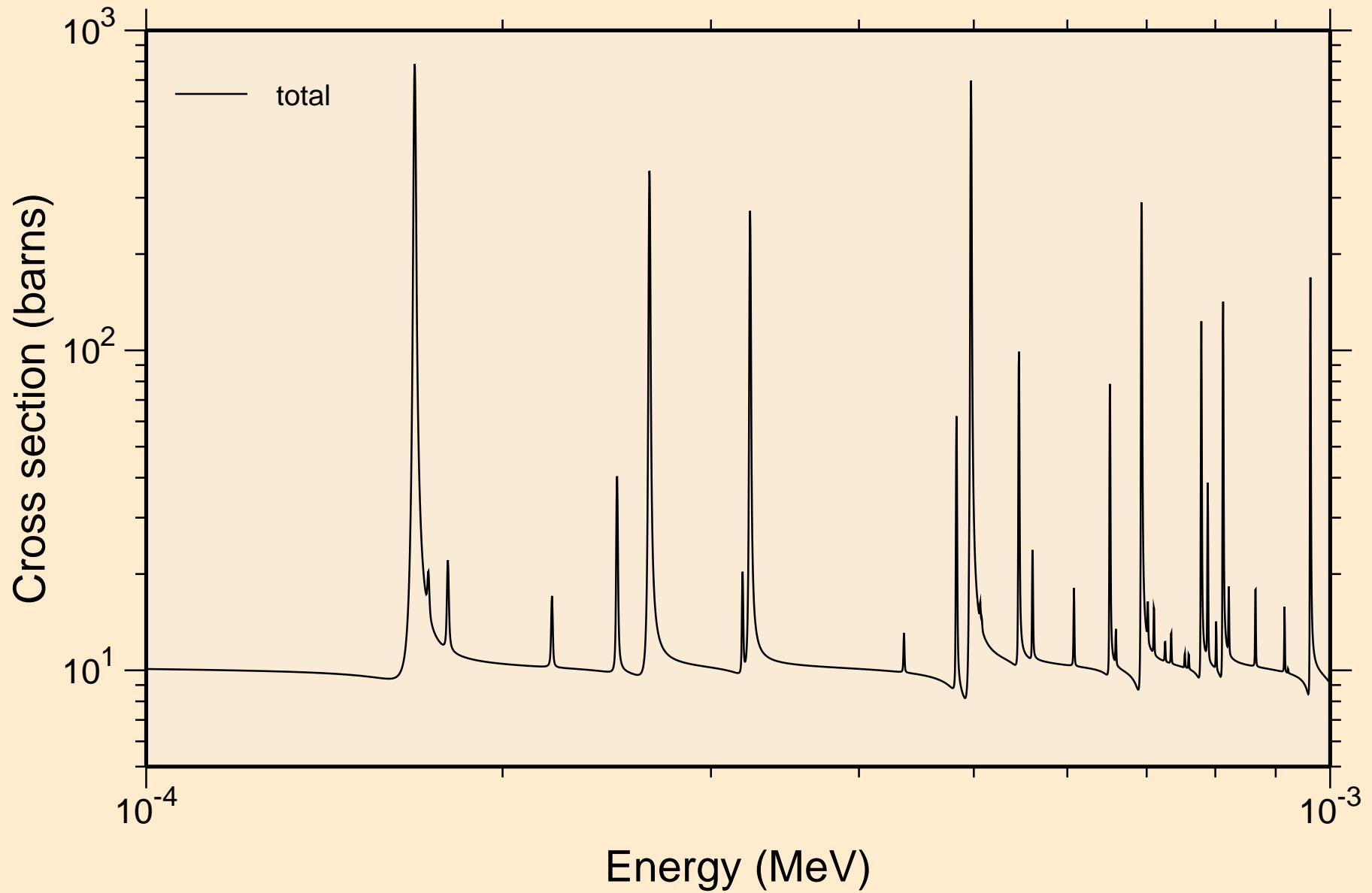
U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



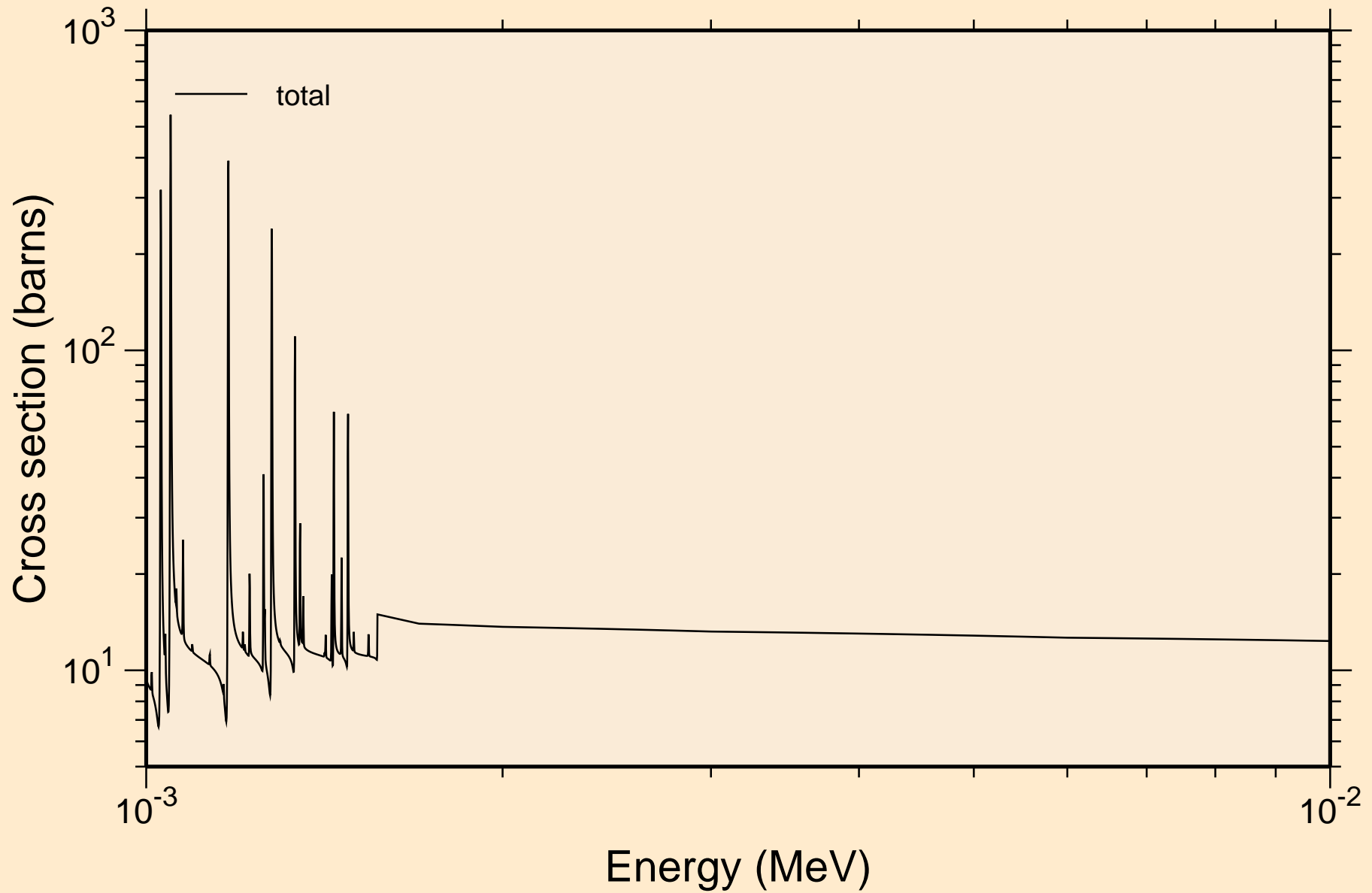
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resonance total cross section



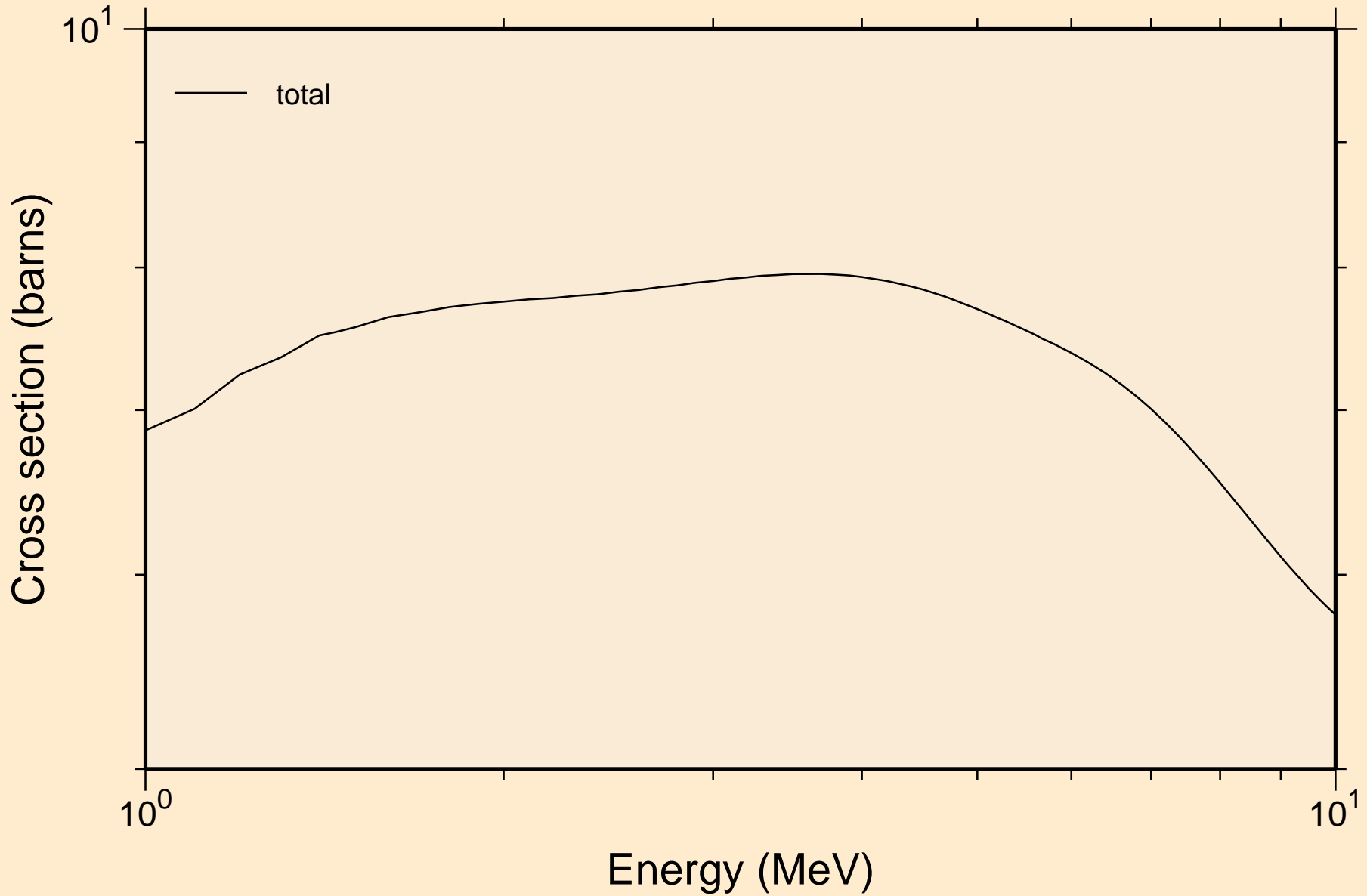
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resonance total cross section



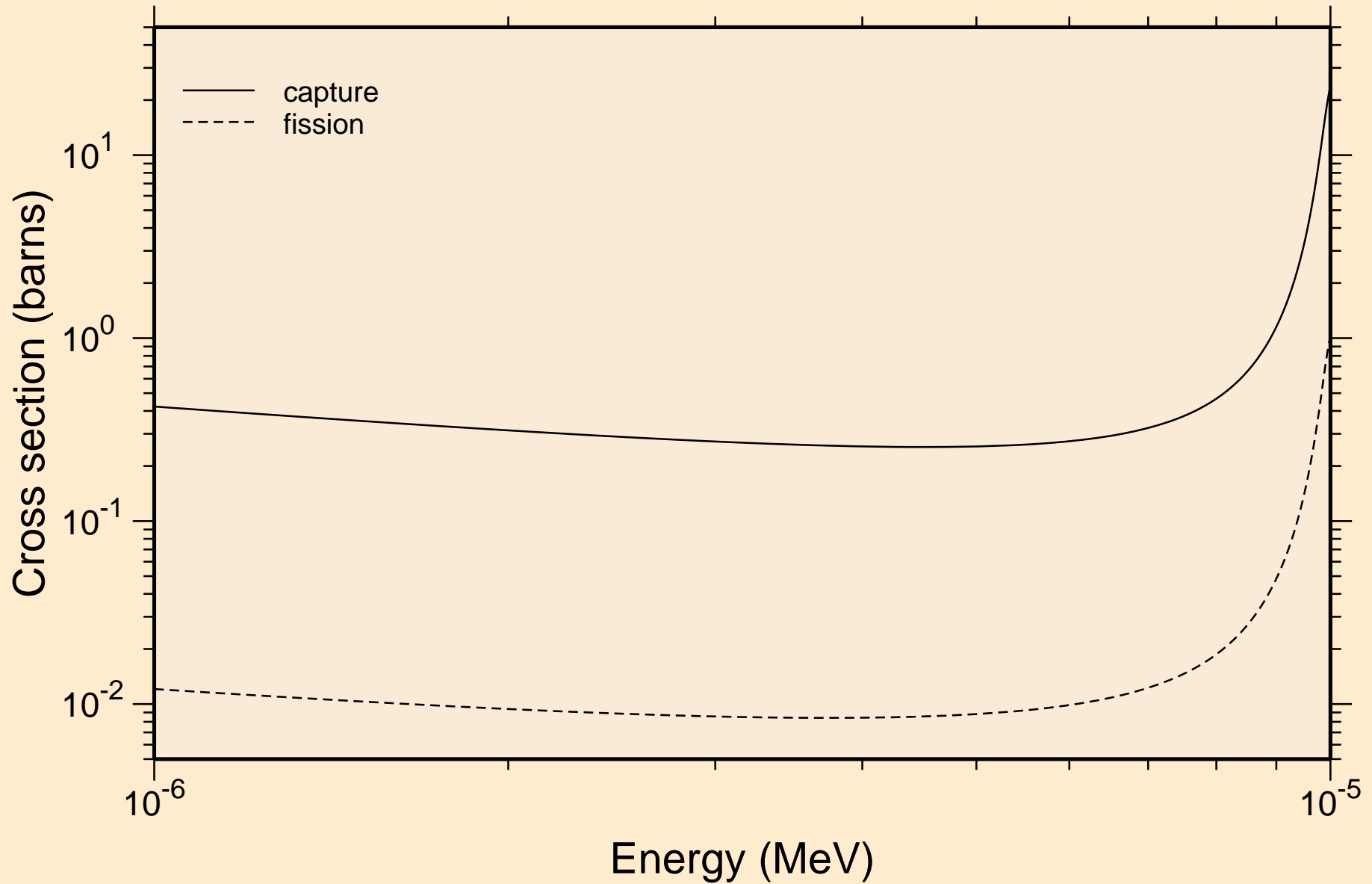
U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



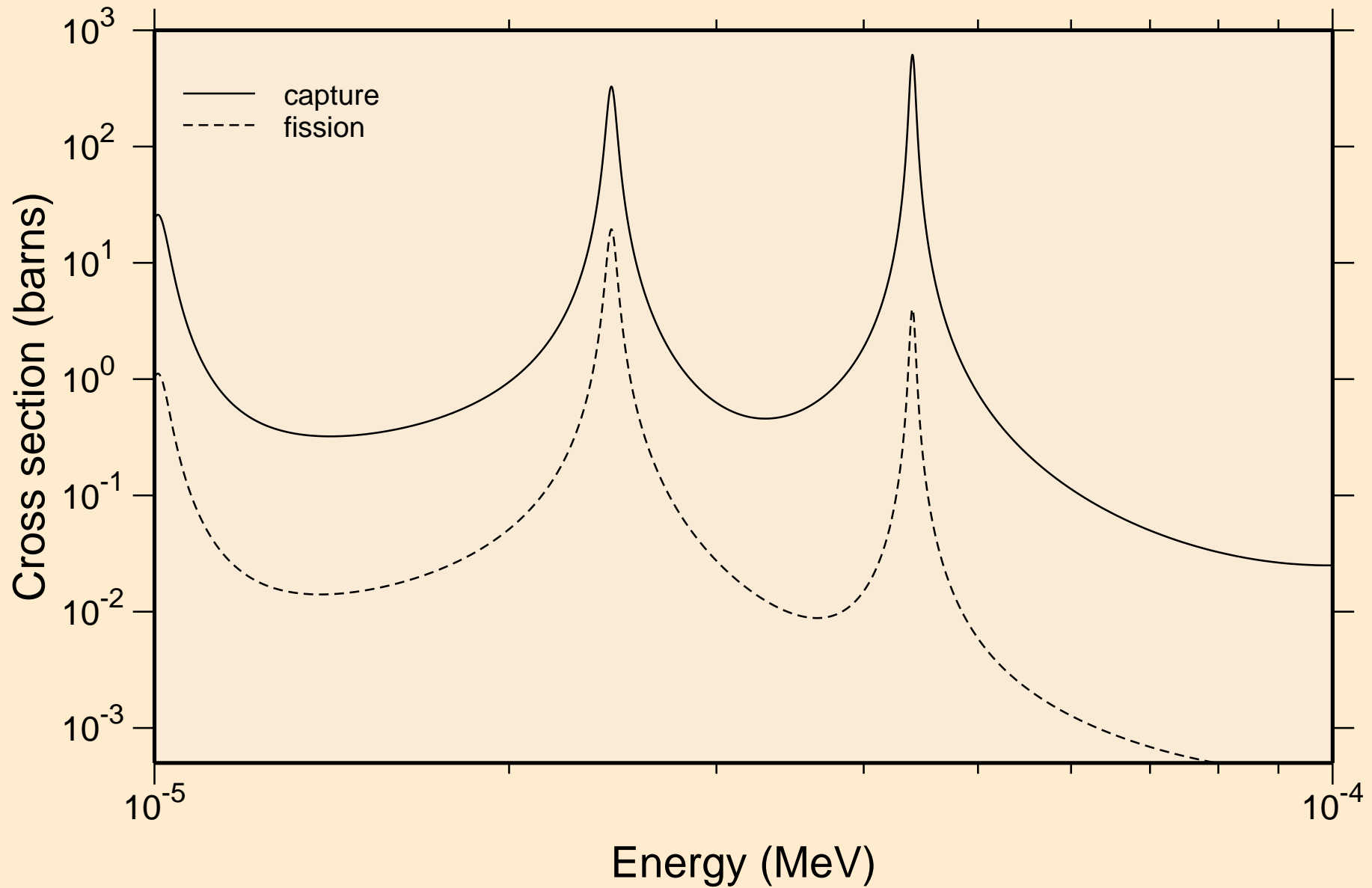
U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



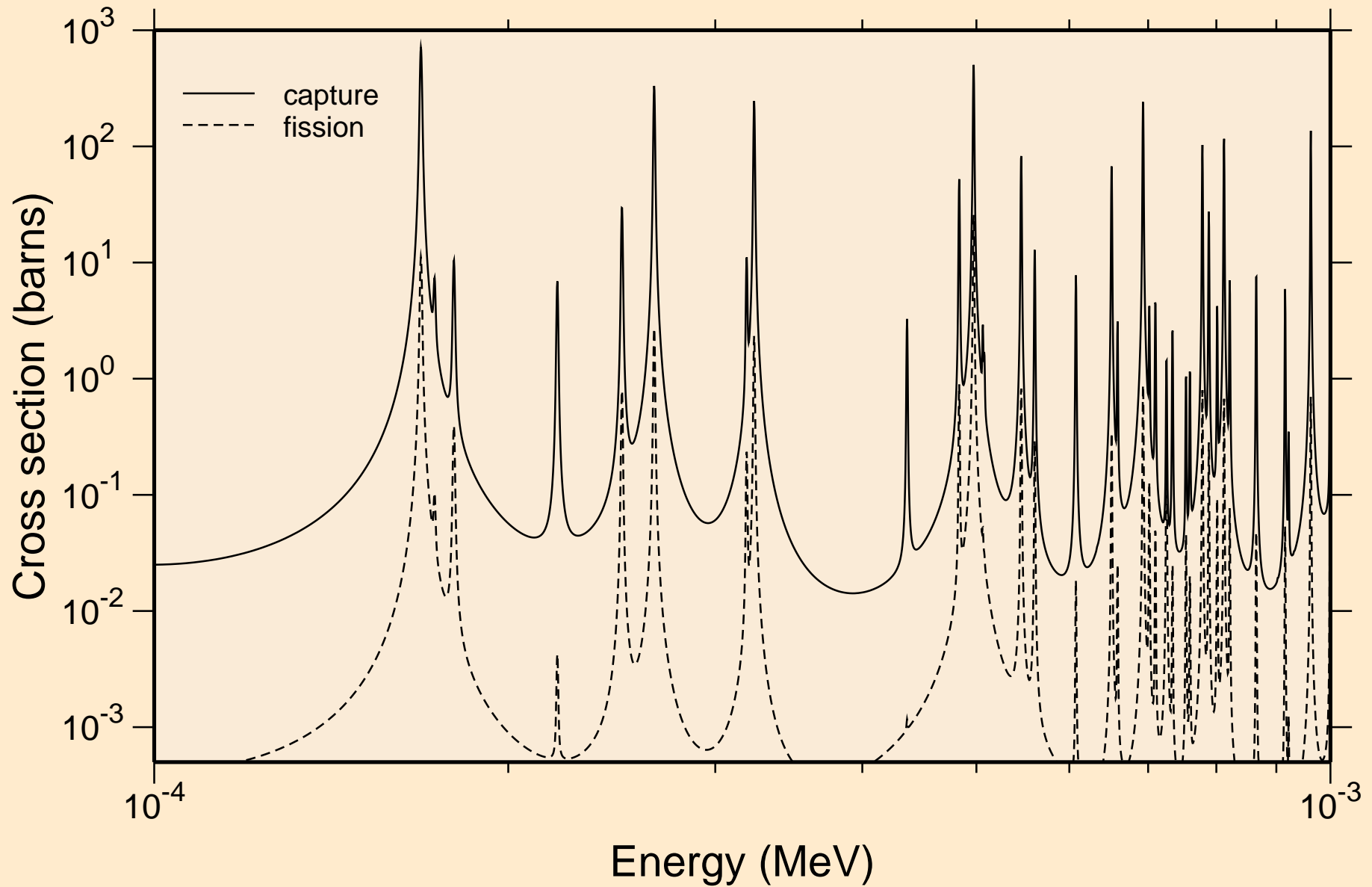
U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections



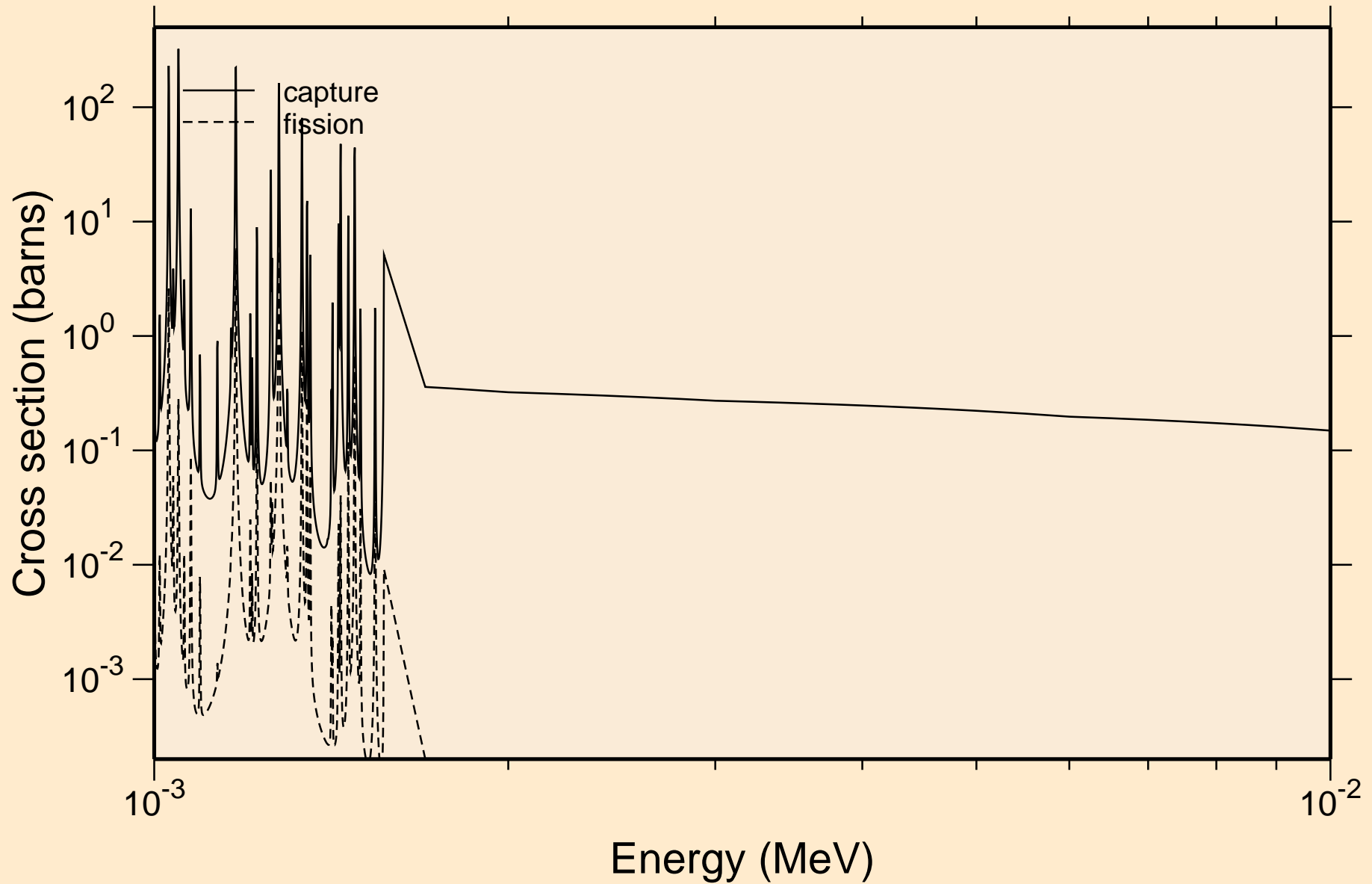
U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections



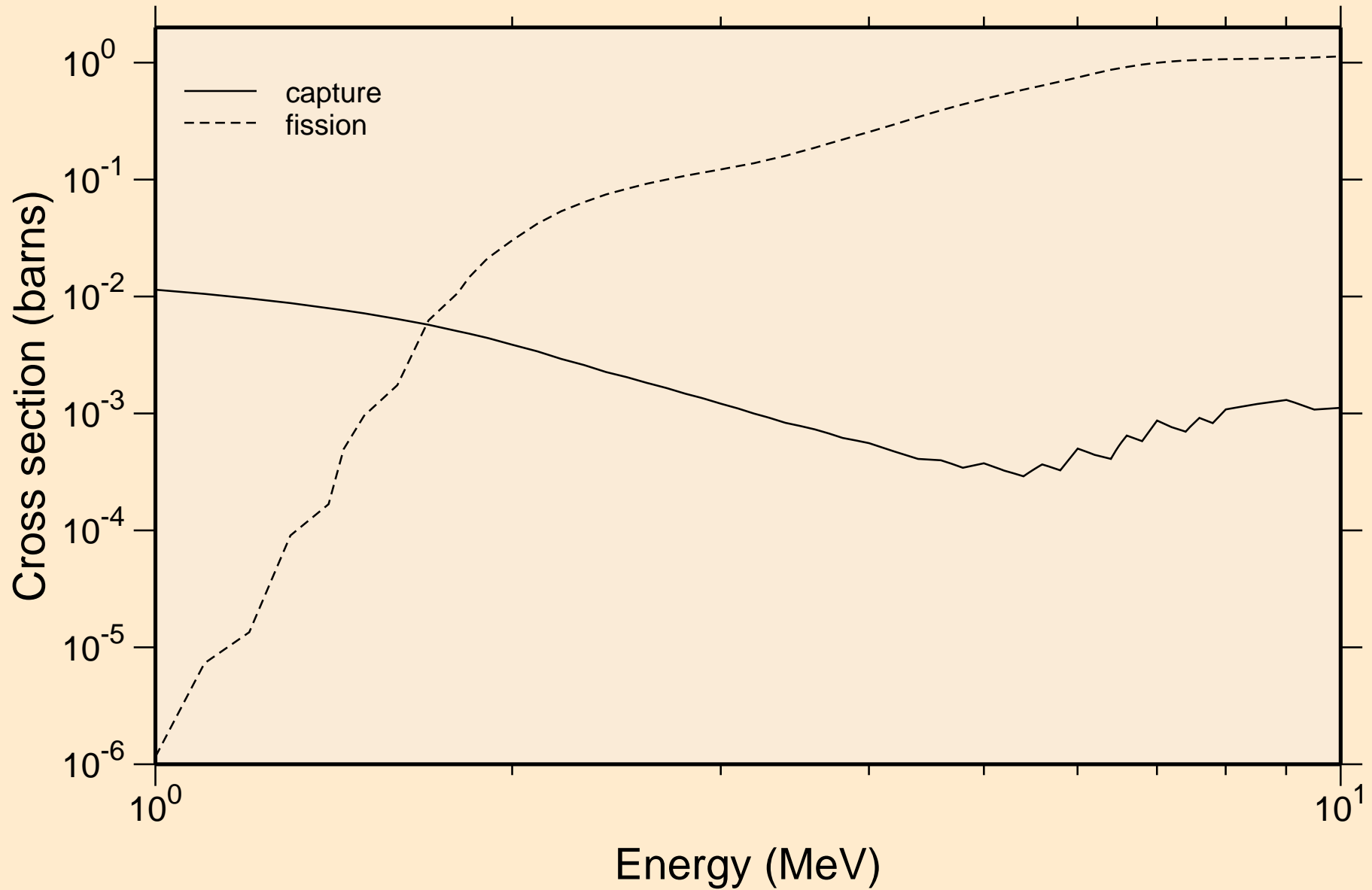
U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections



U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections

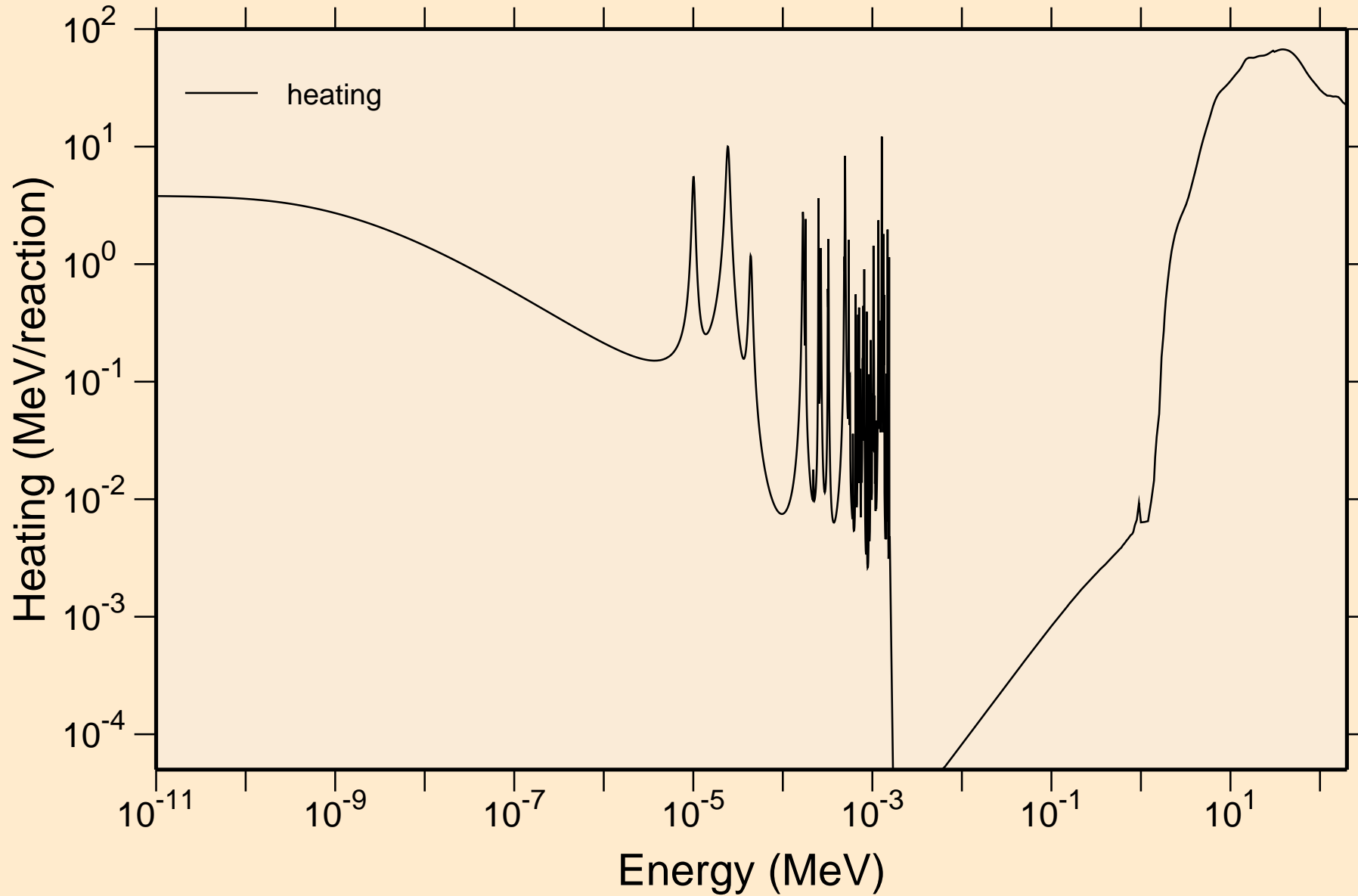


U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections



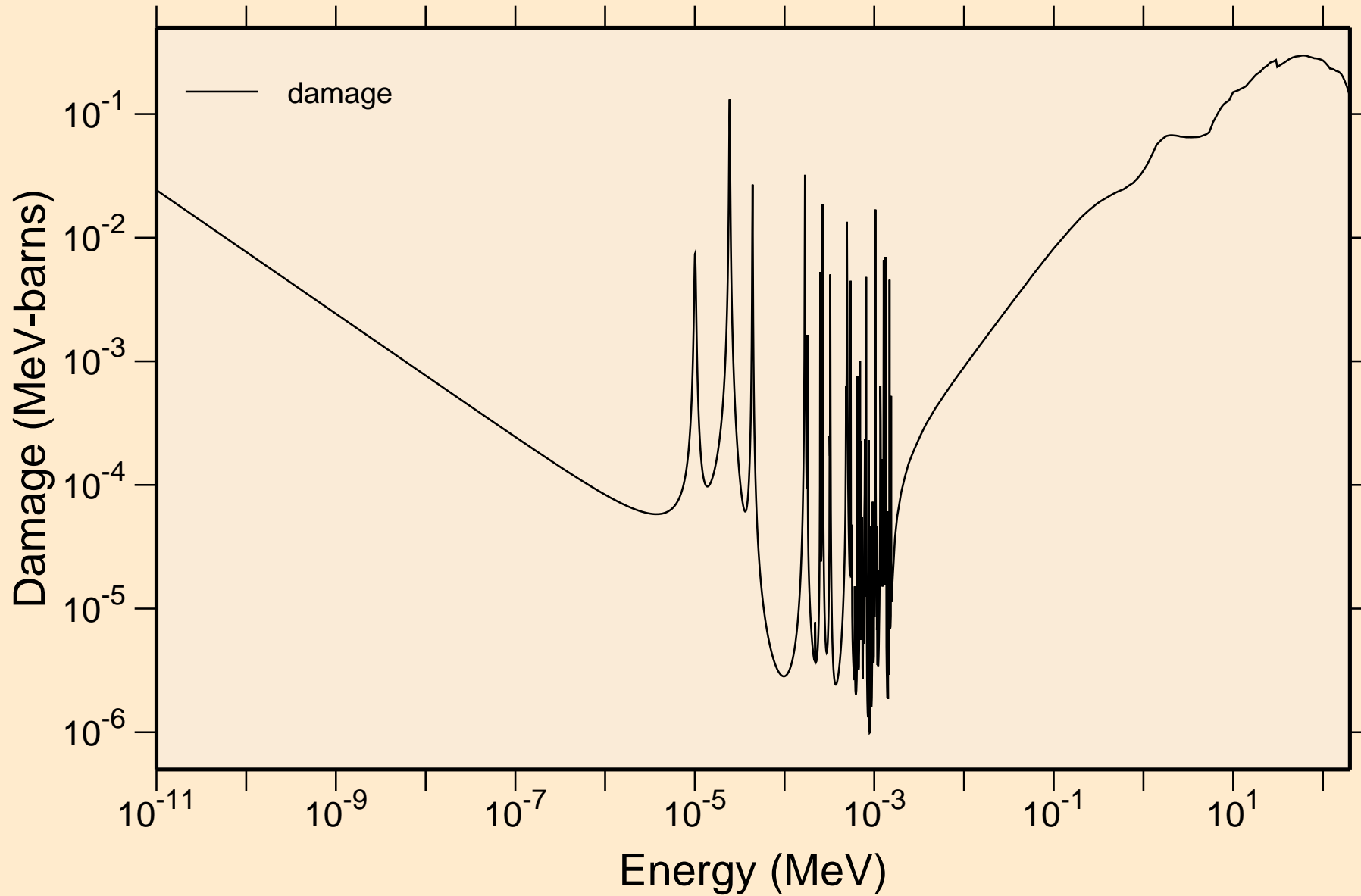
# U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Heating



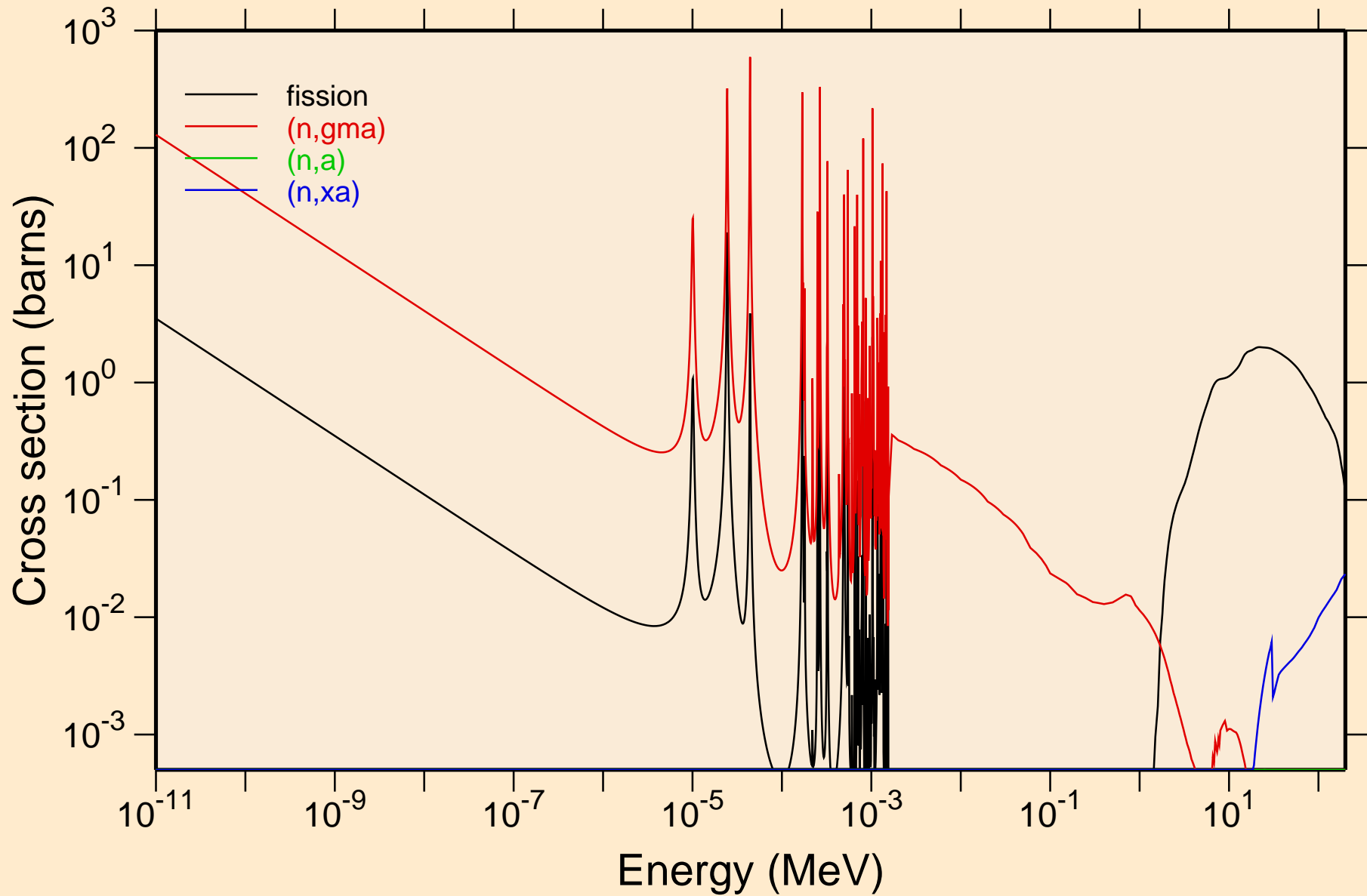
# U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Damage



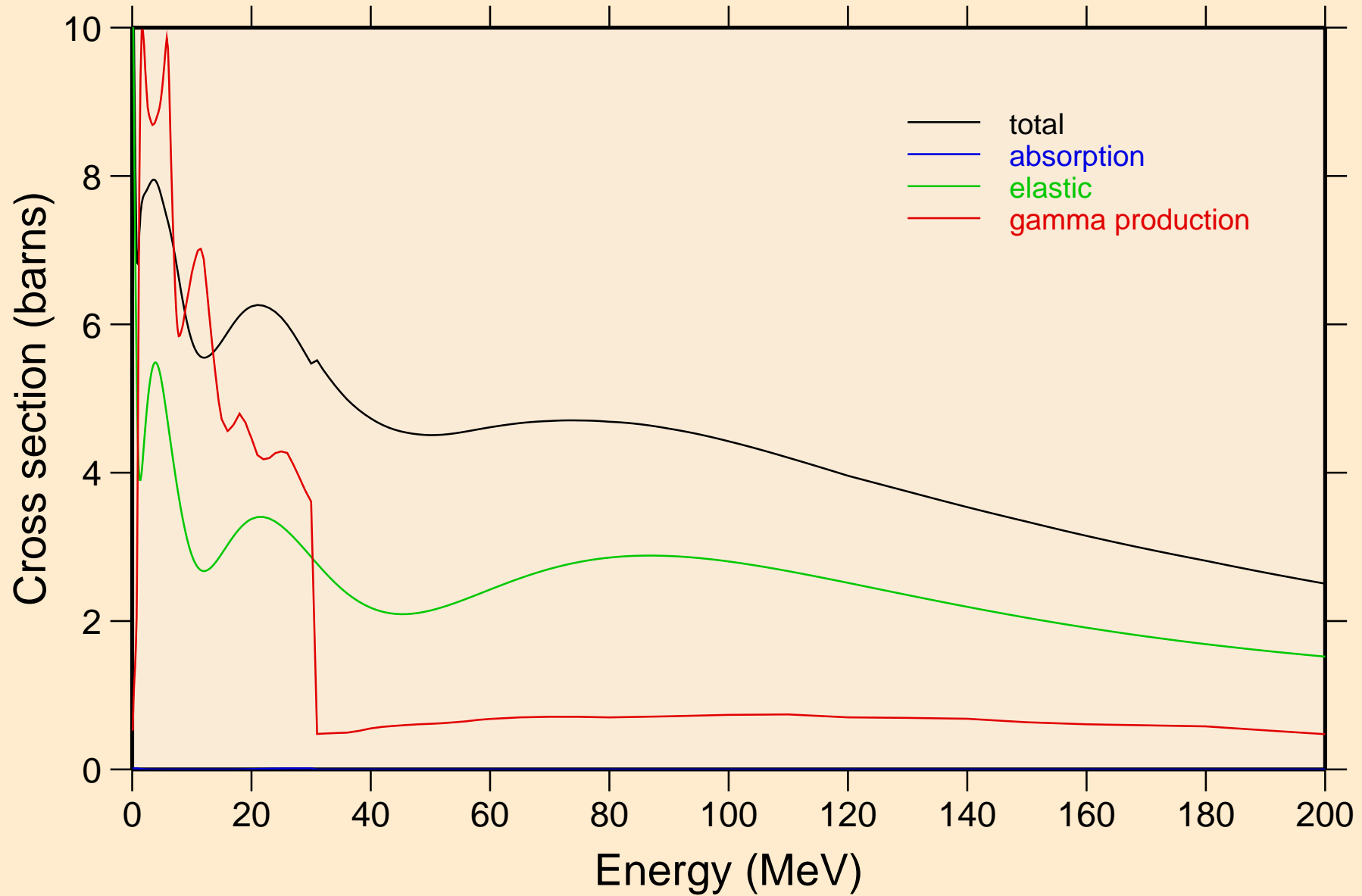
# U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Non-threshold reactions



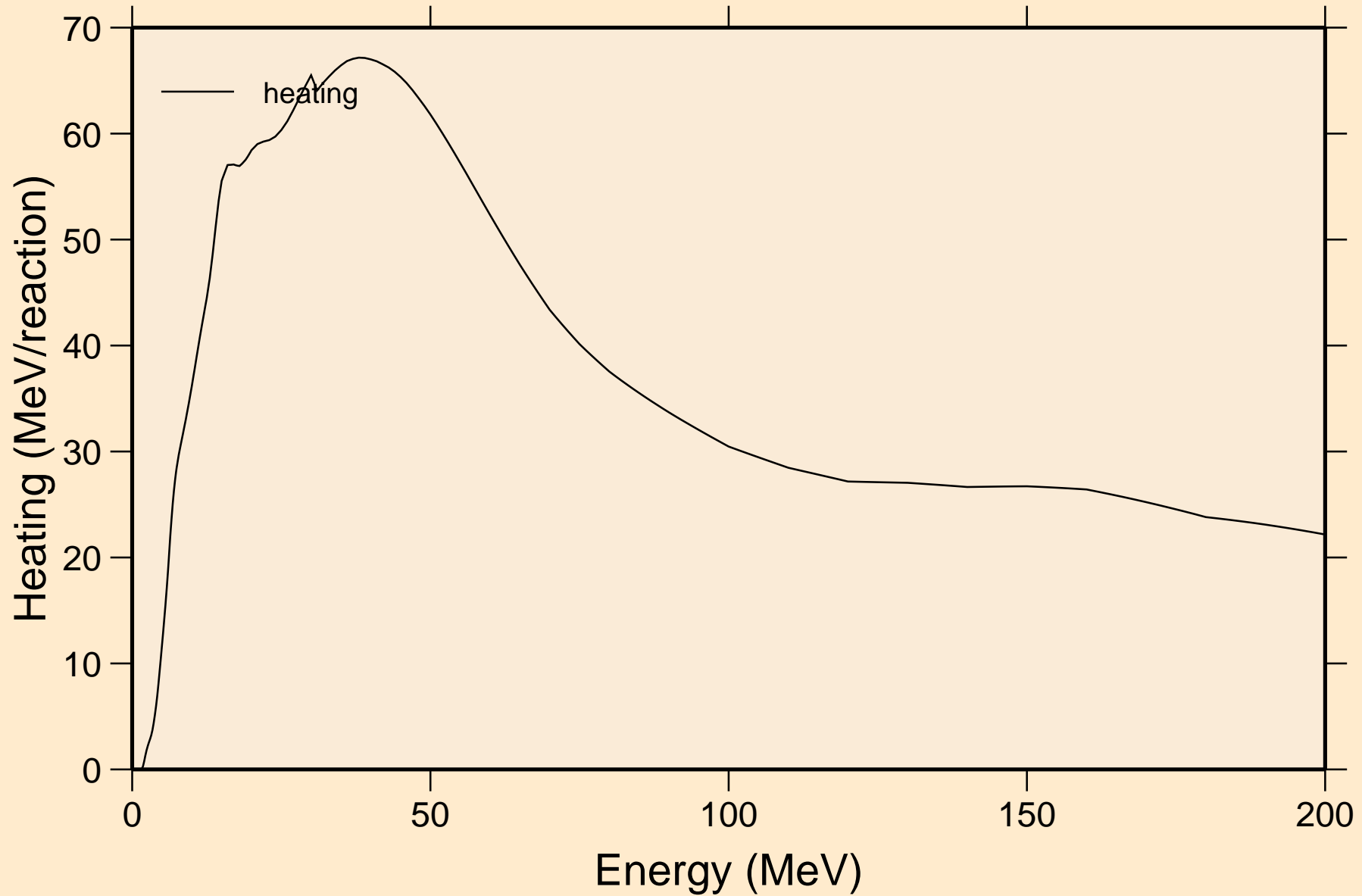
# U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Principal cross sections

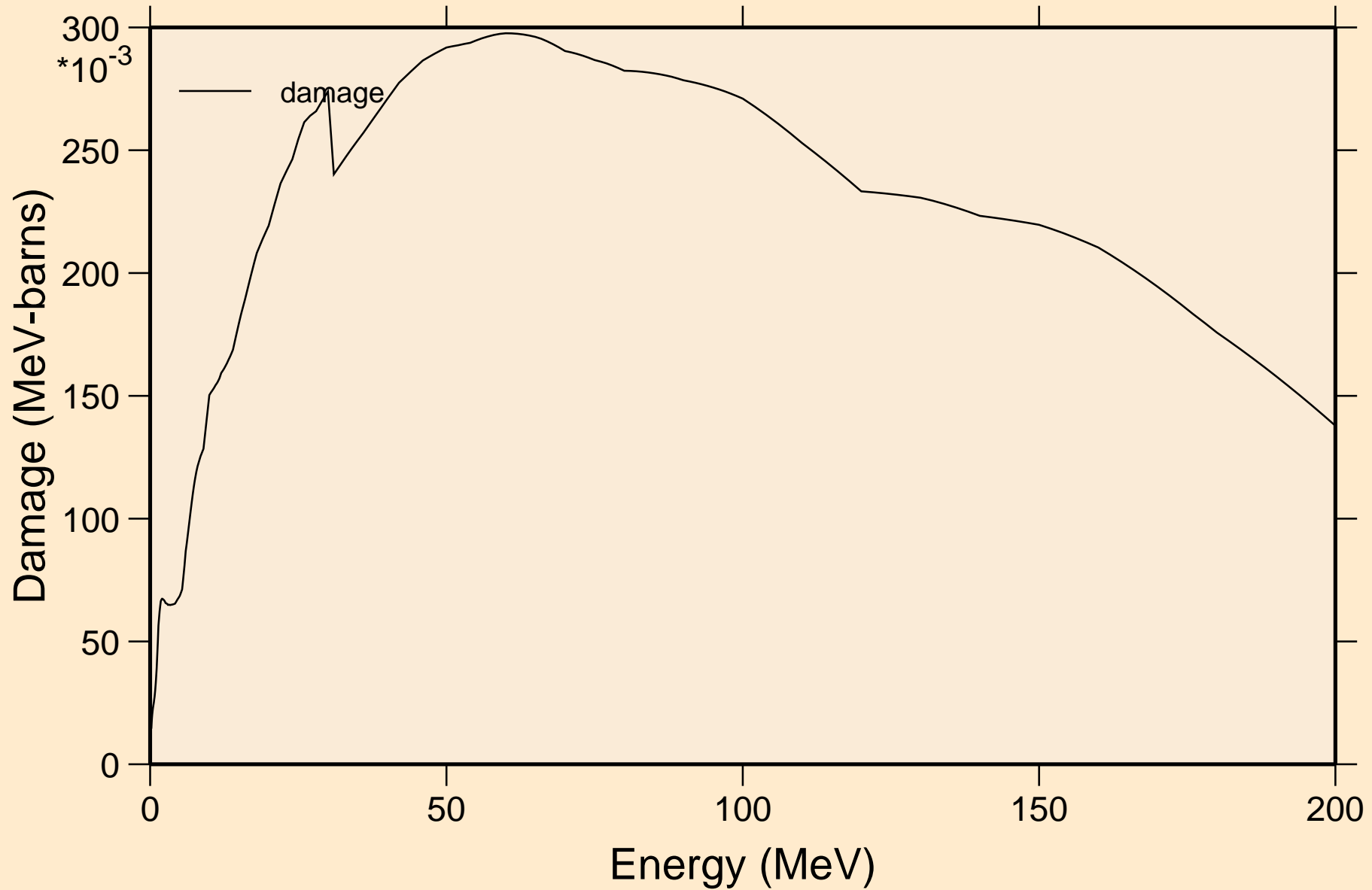


# U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Heating

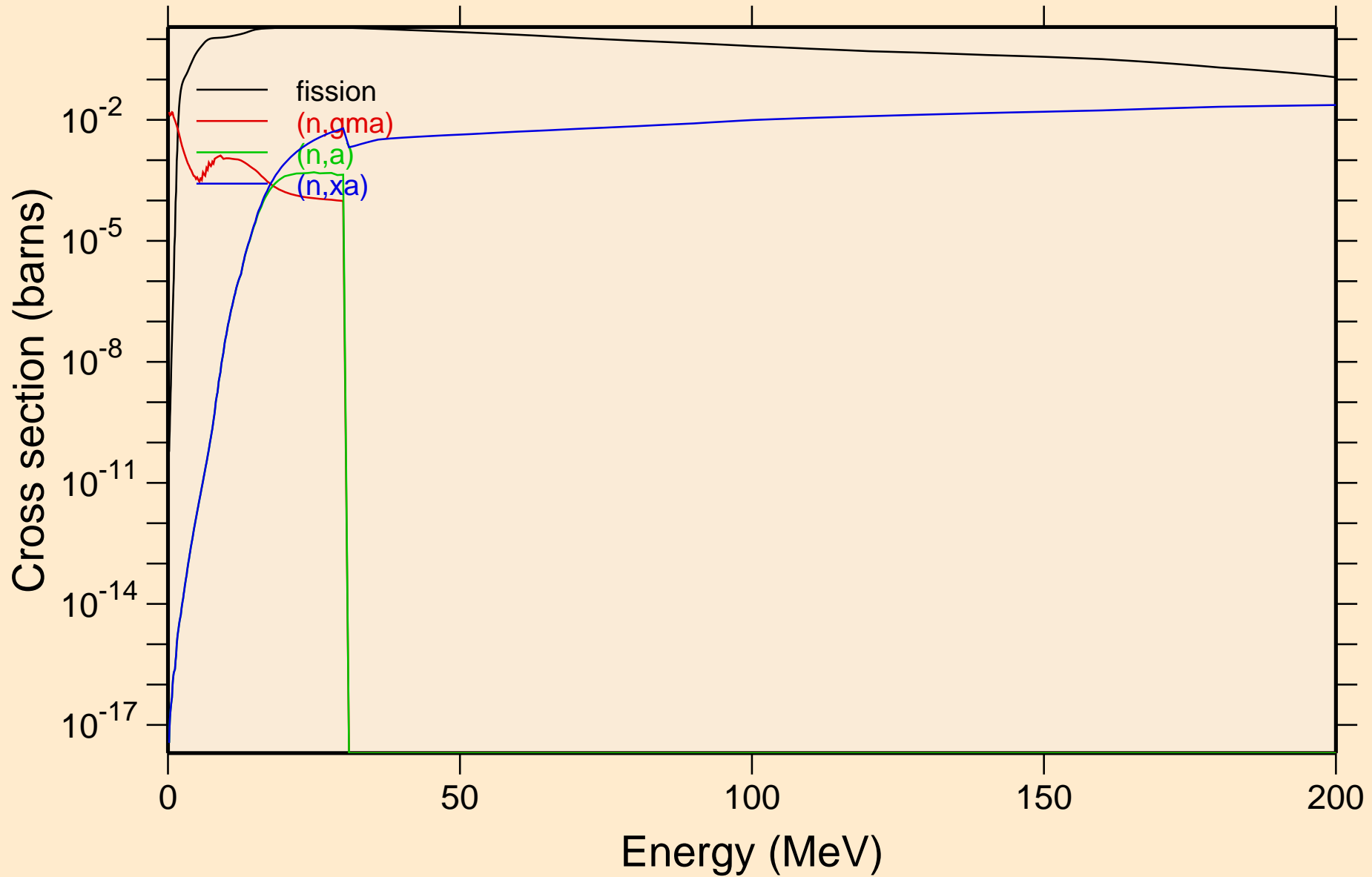


U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Damage

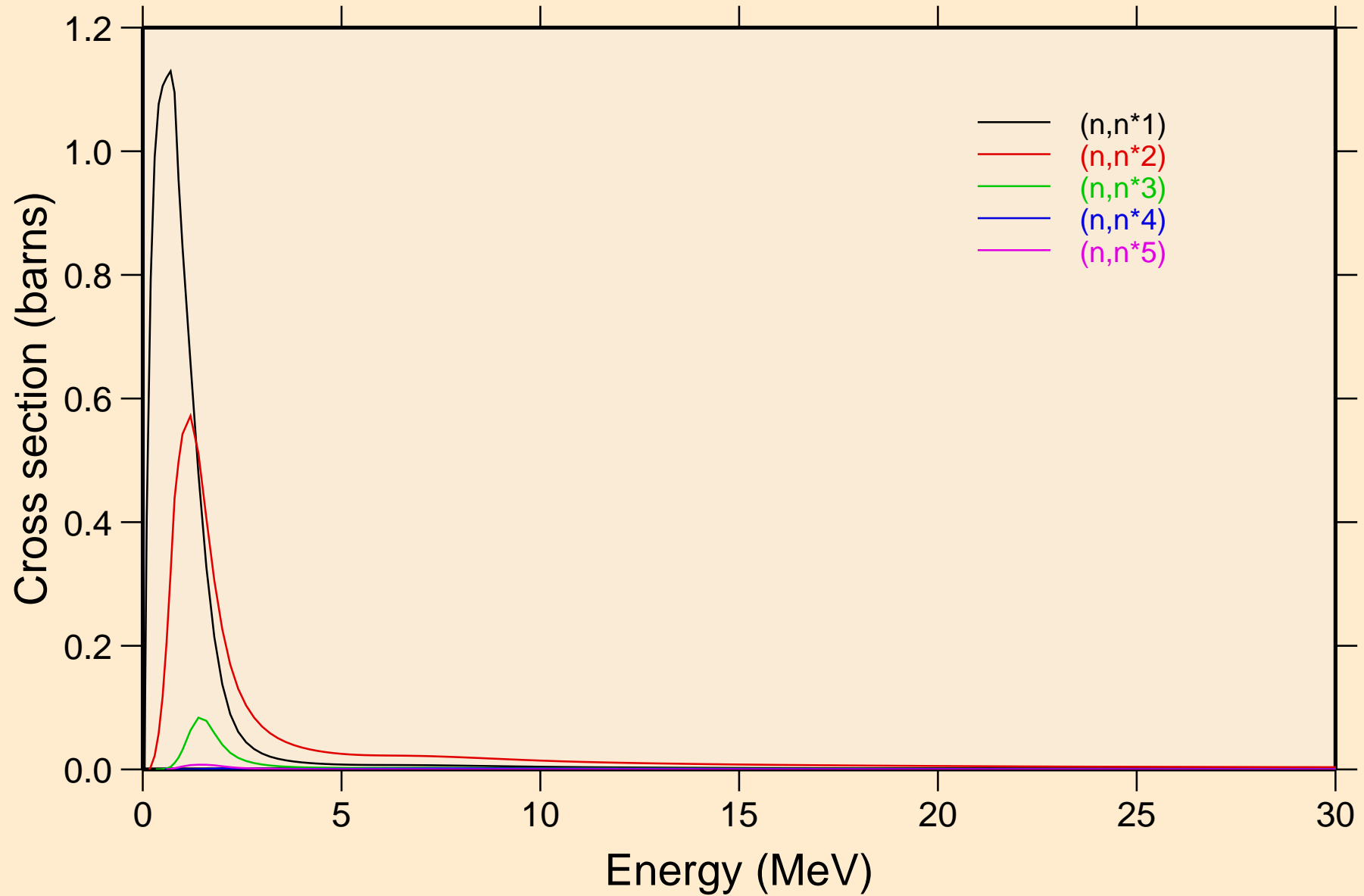


# U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

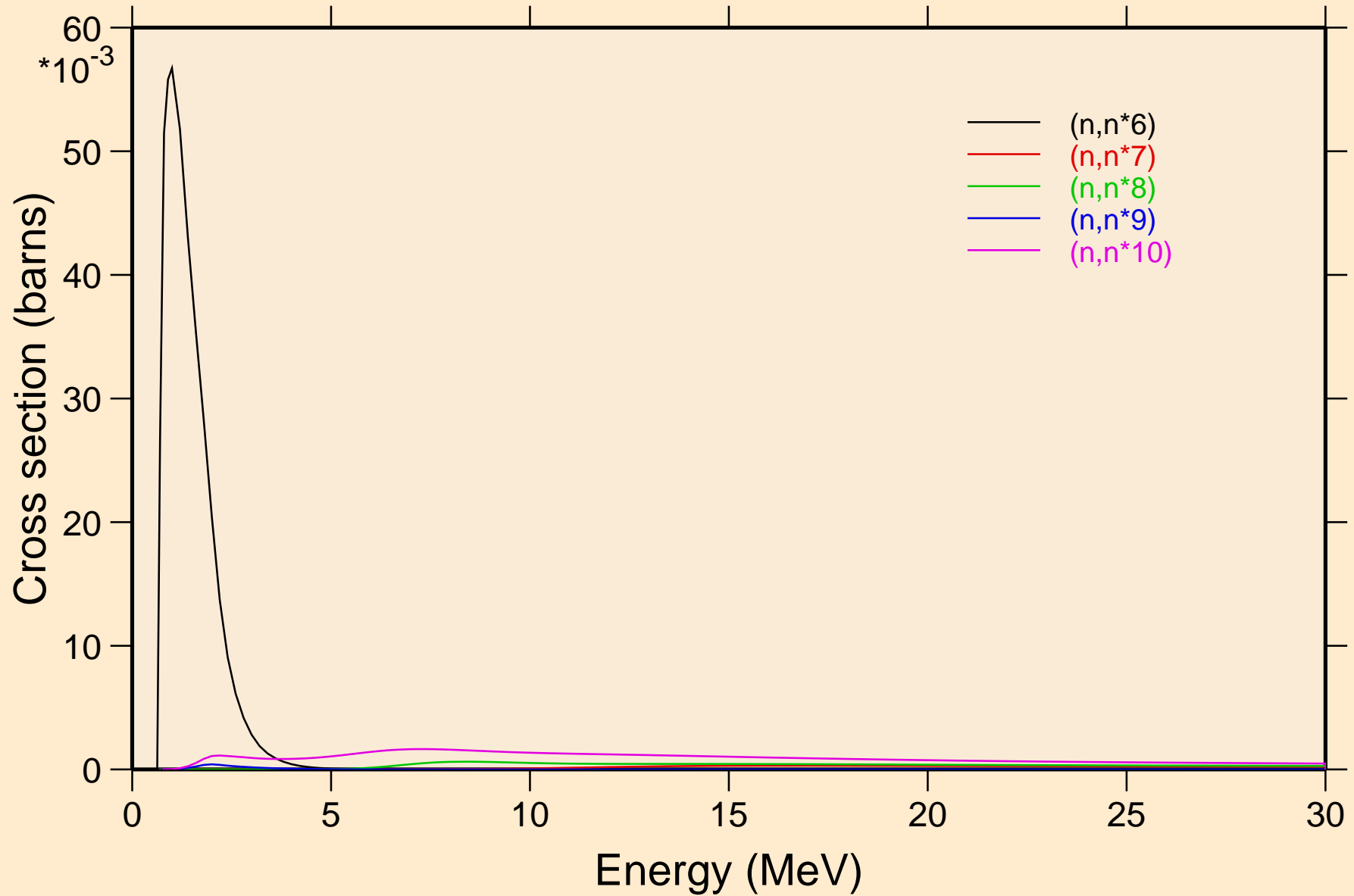
## Non-threshold reactions



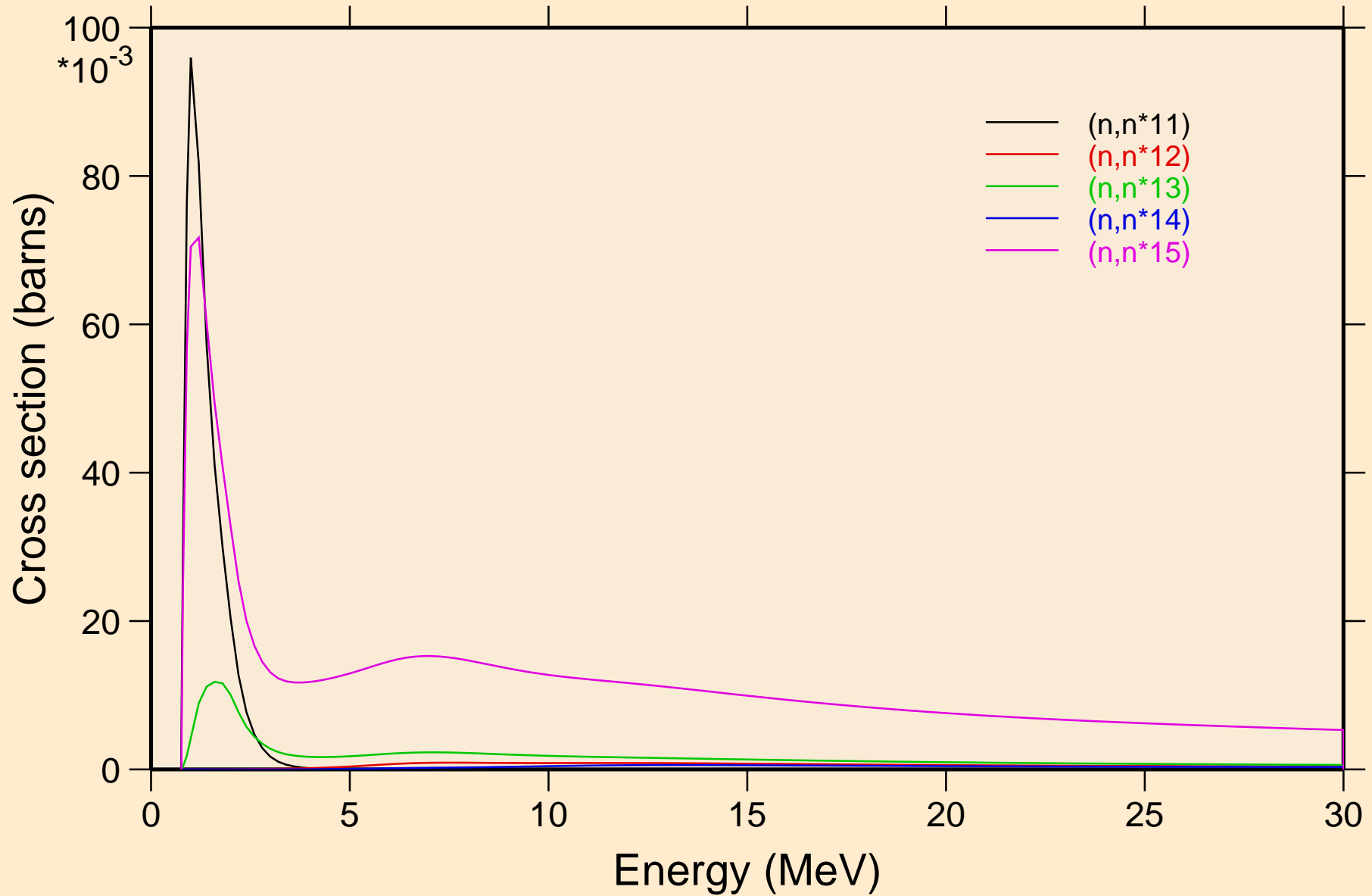
U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels



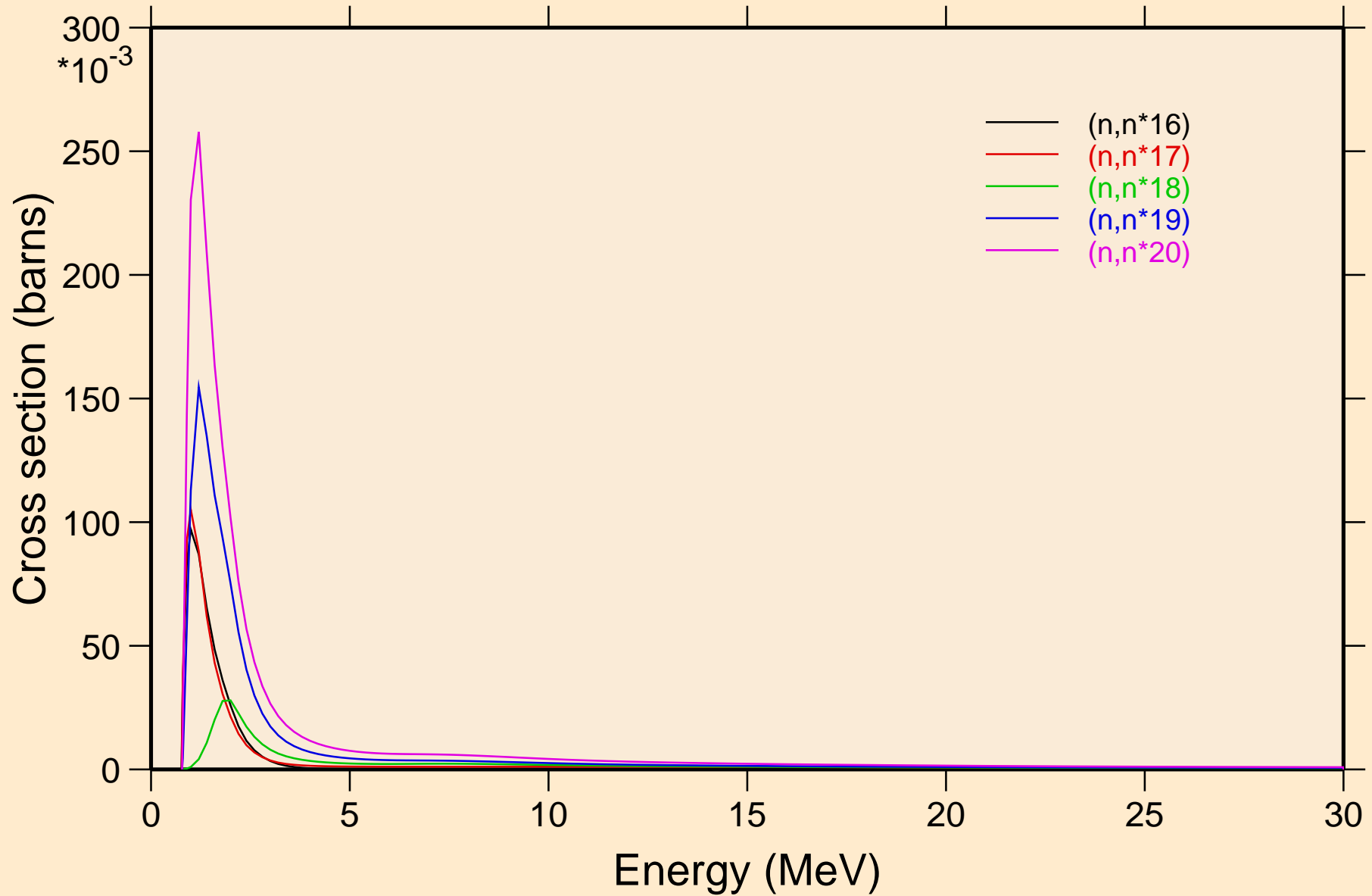
U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels



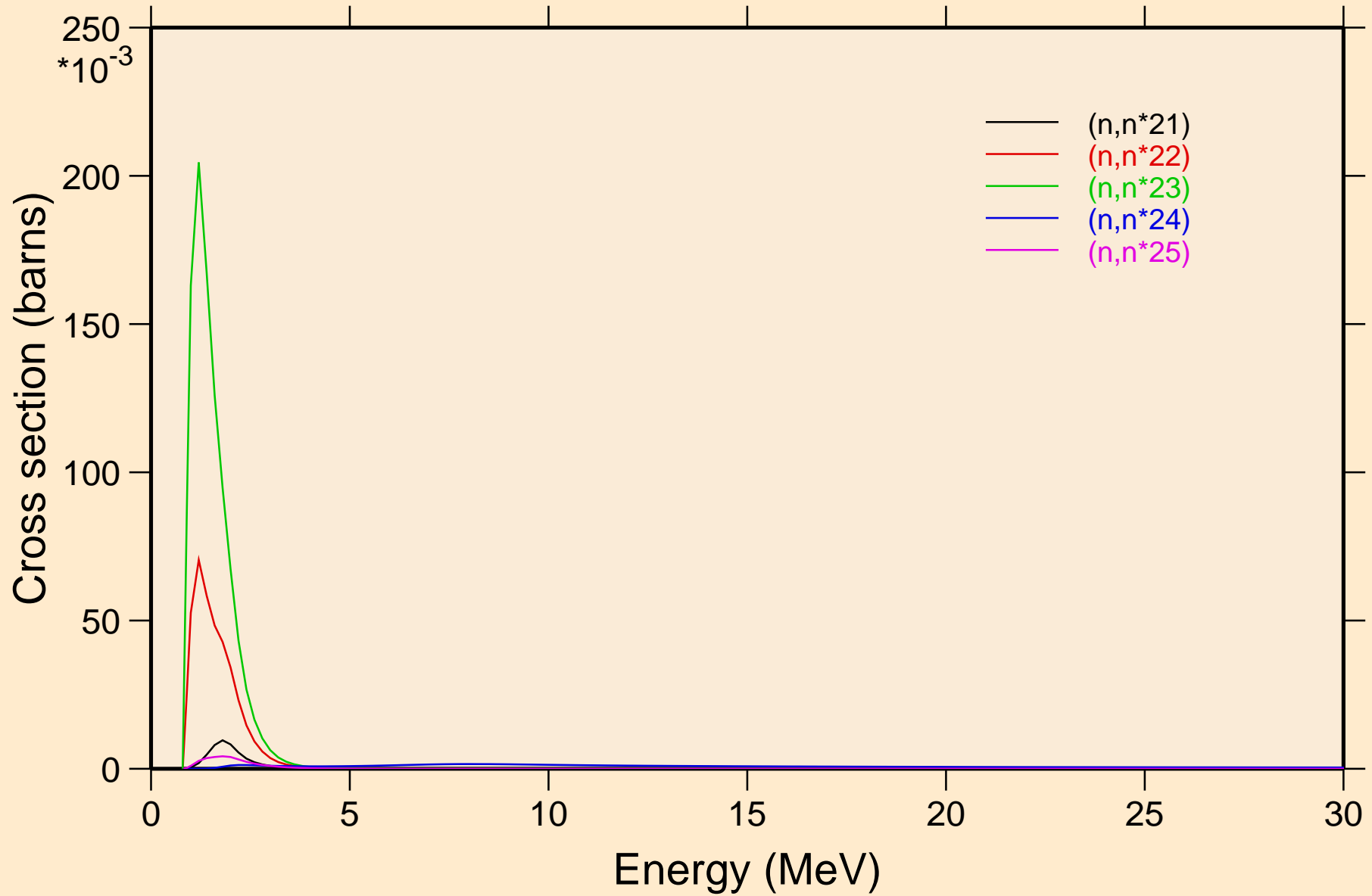
U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels



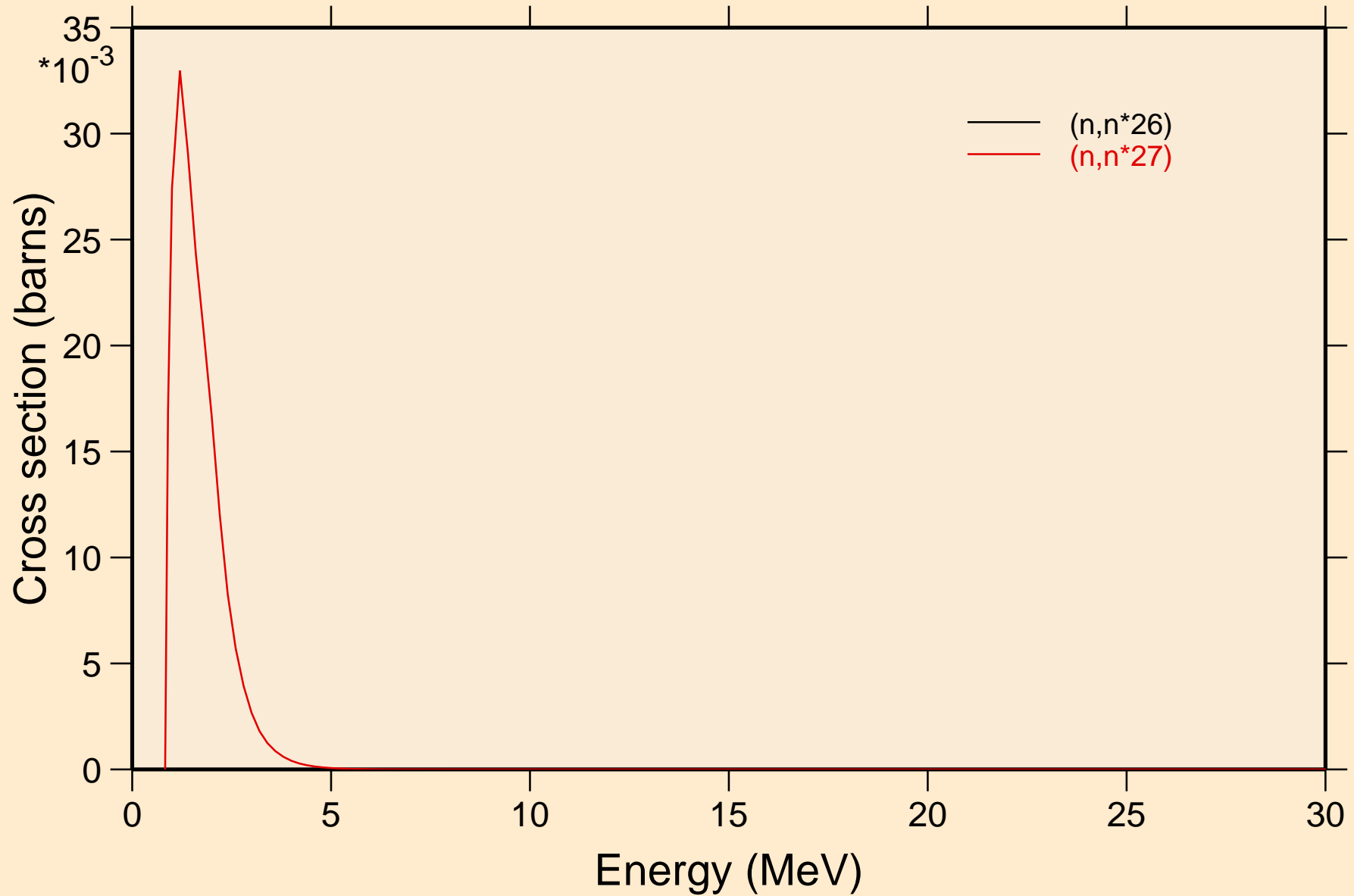
U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels



U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels

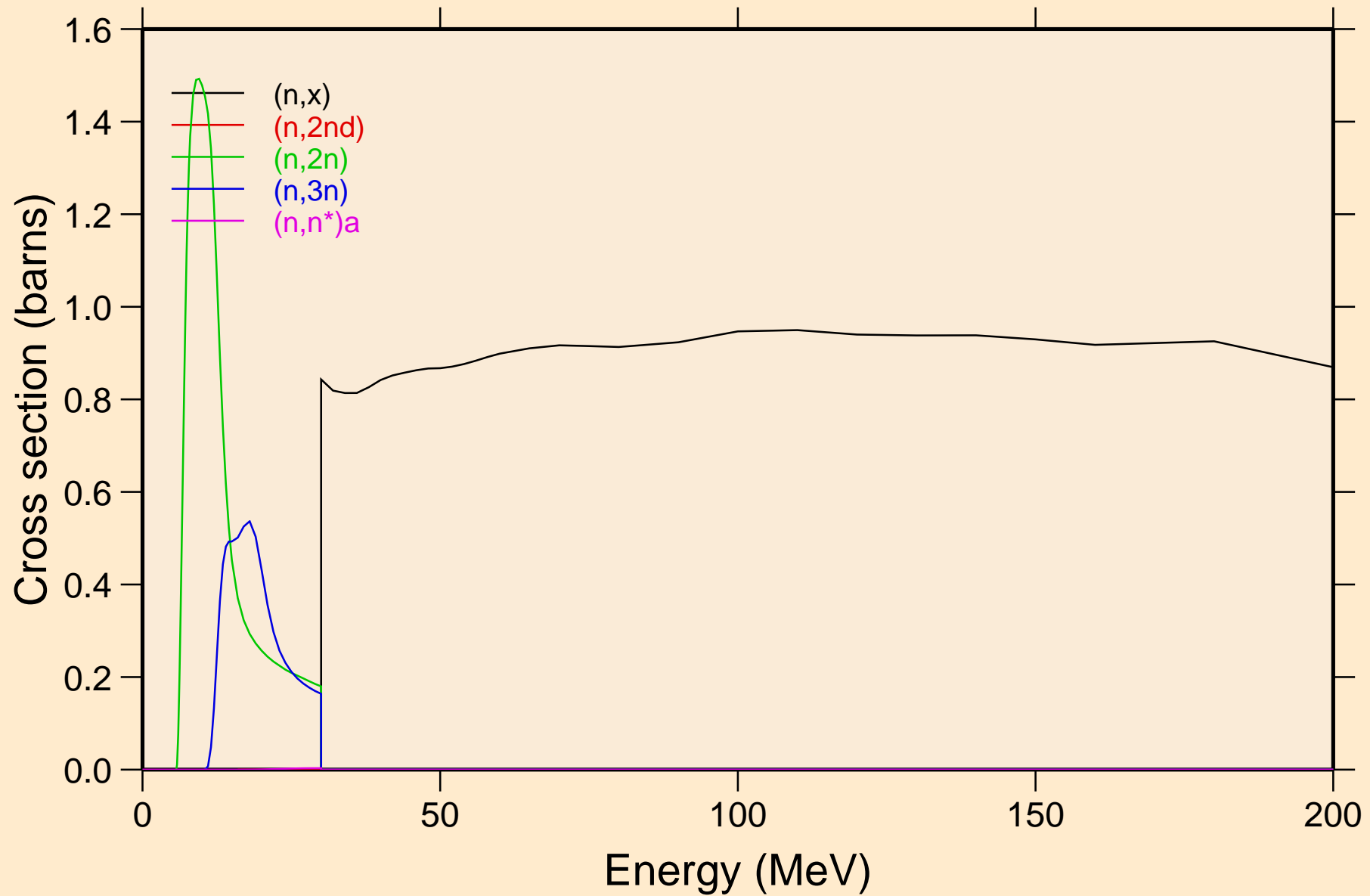


U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels

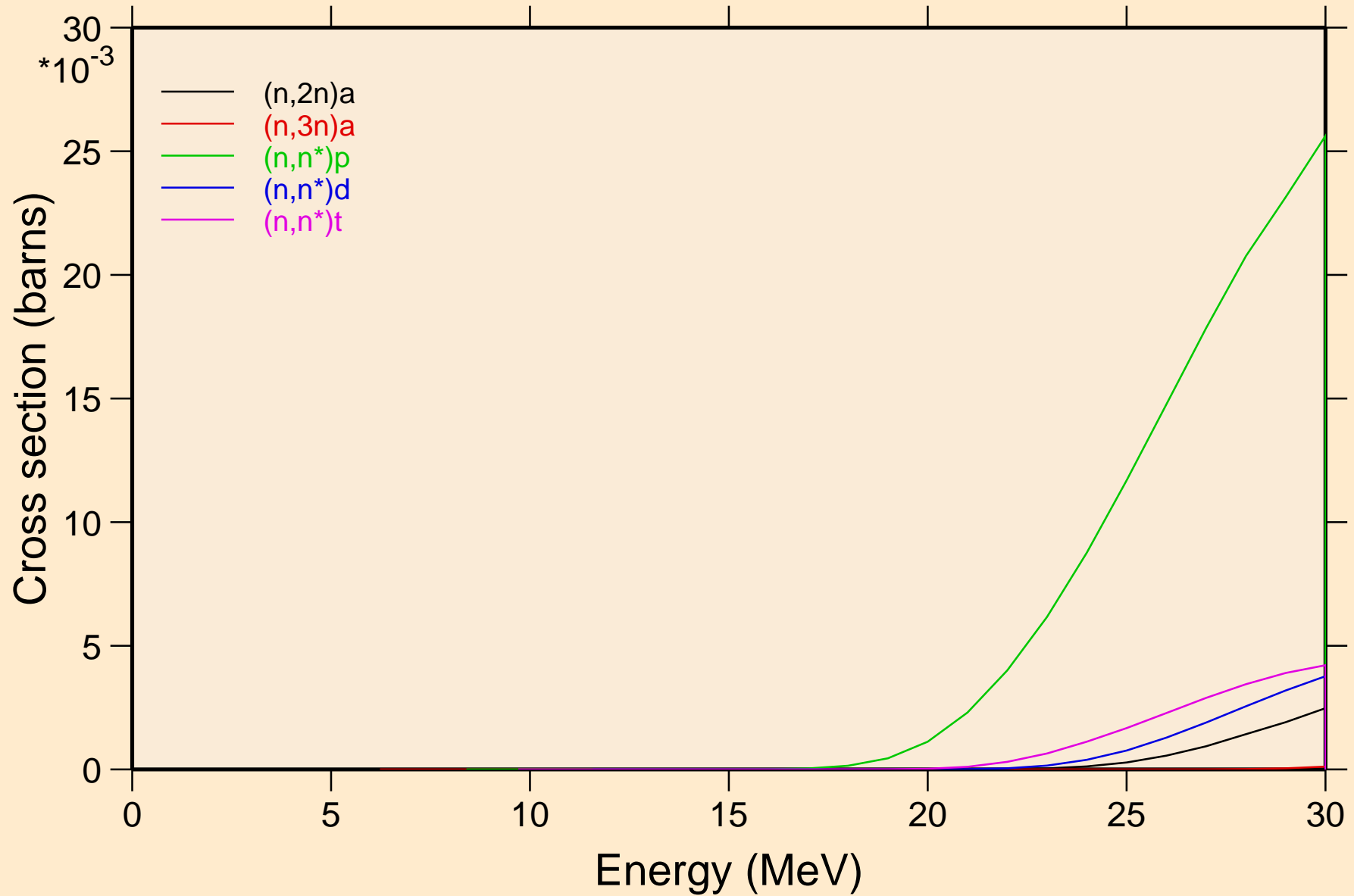


# U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

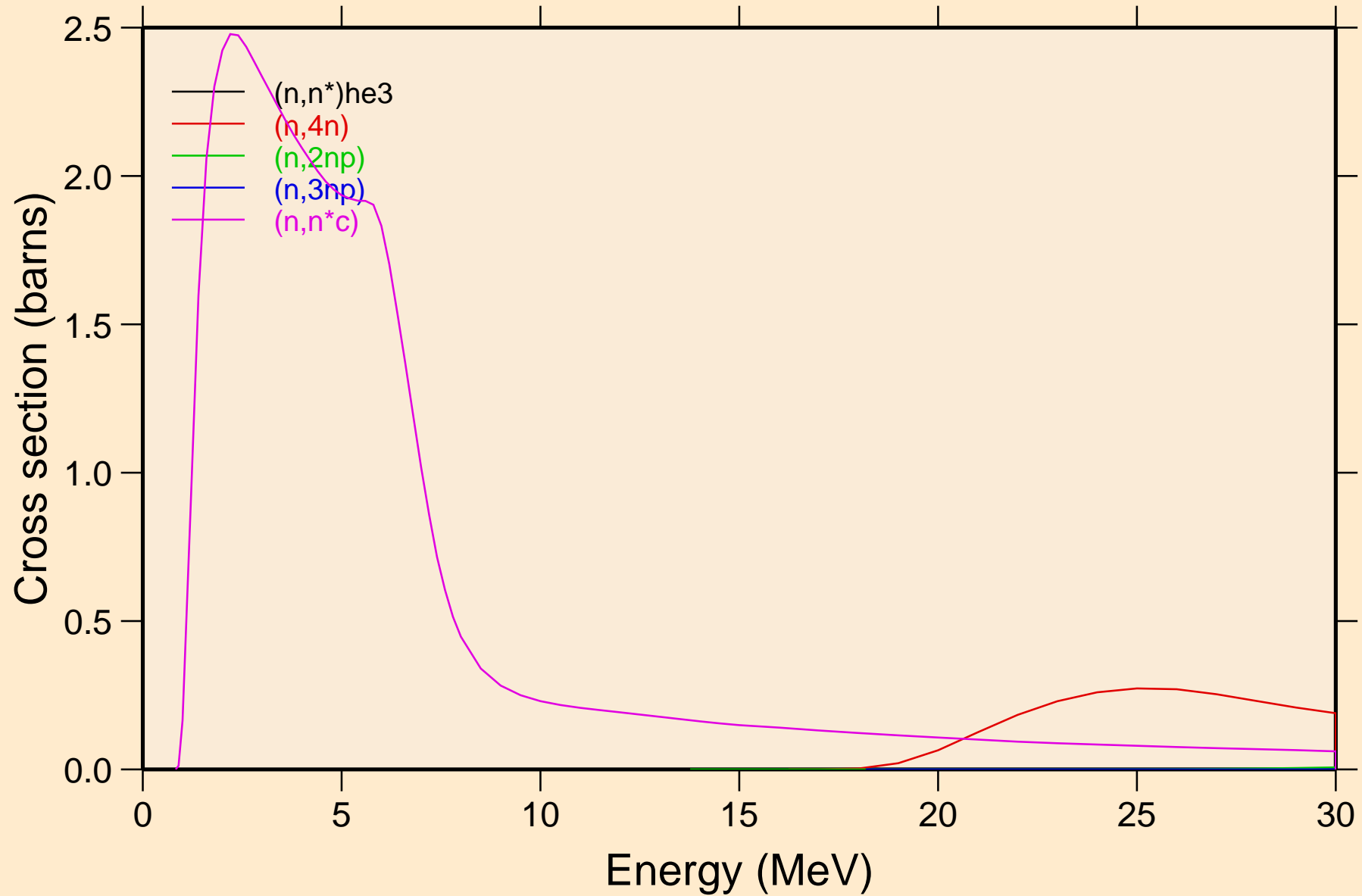
## Threshold reactions



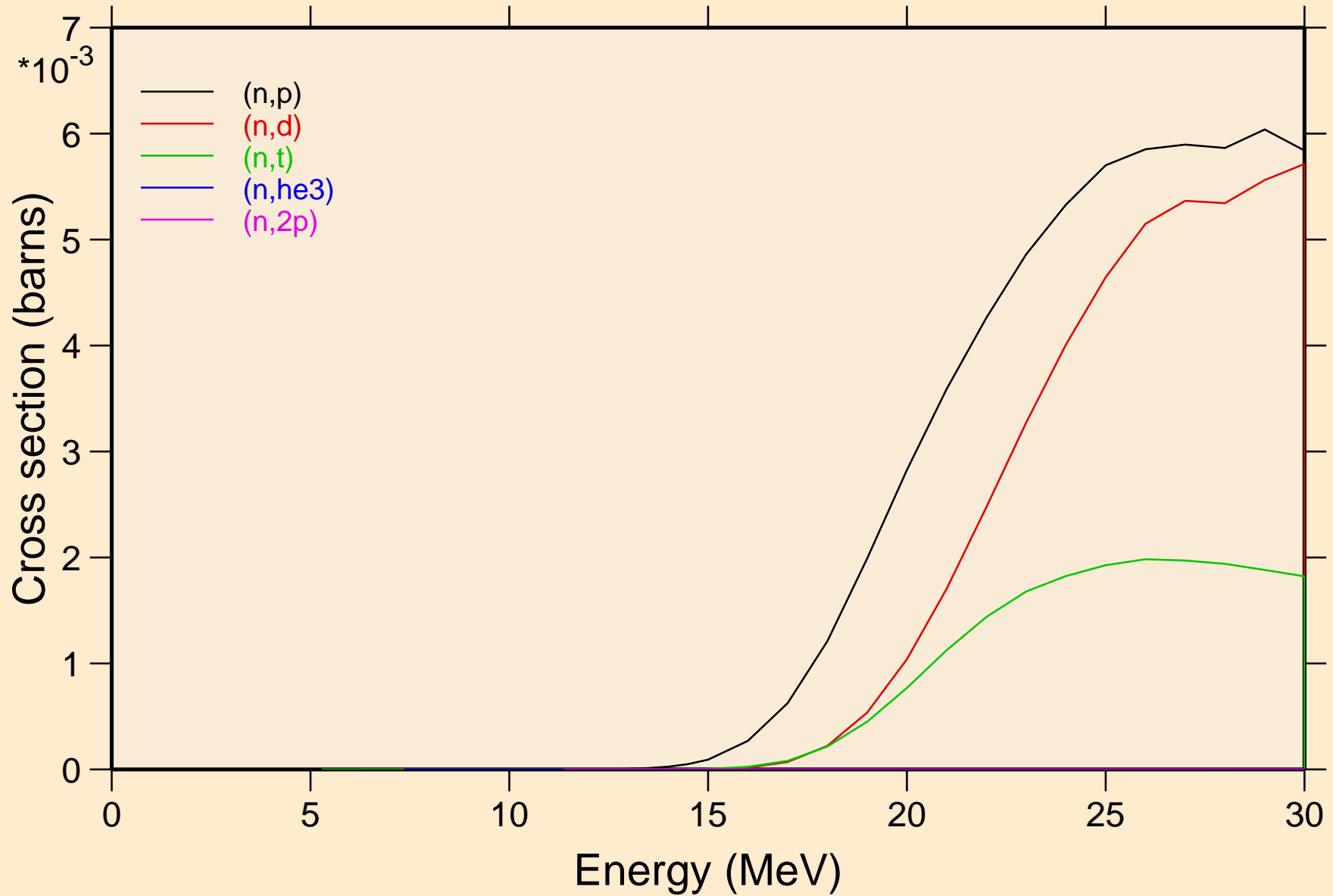
U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions

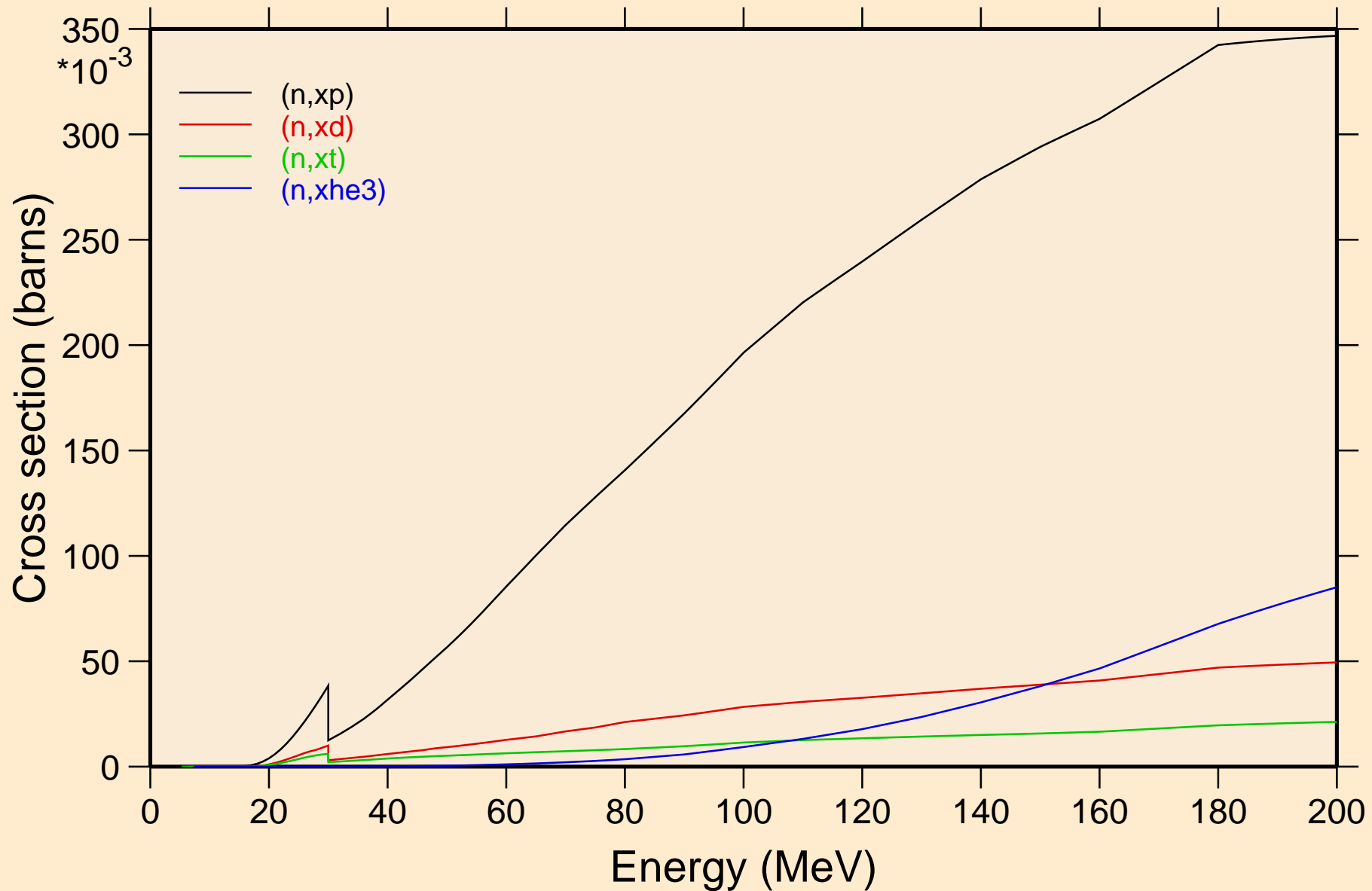


U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions

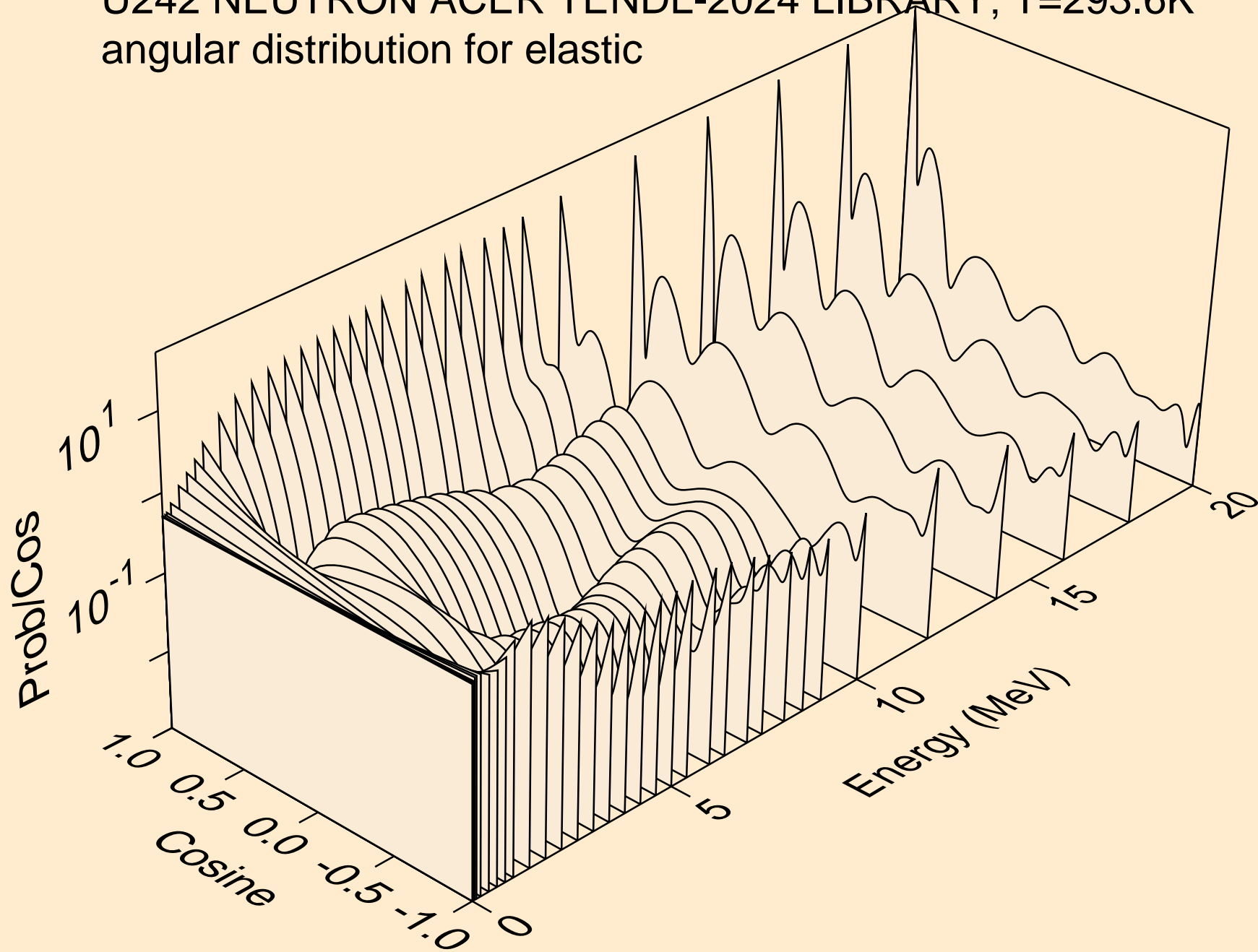


# U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

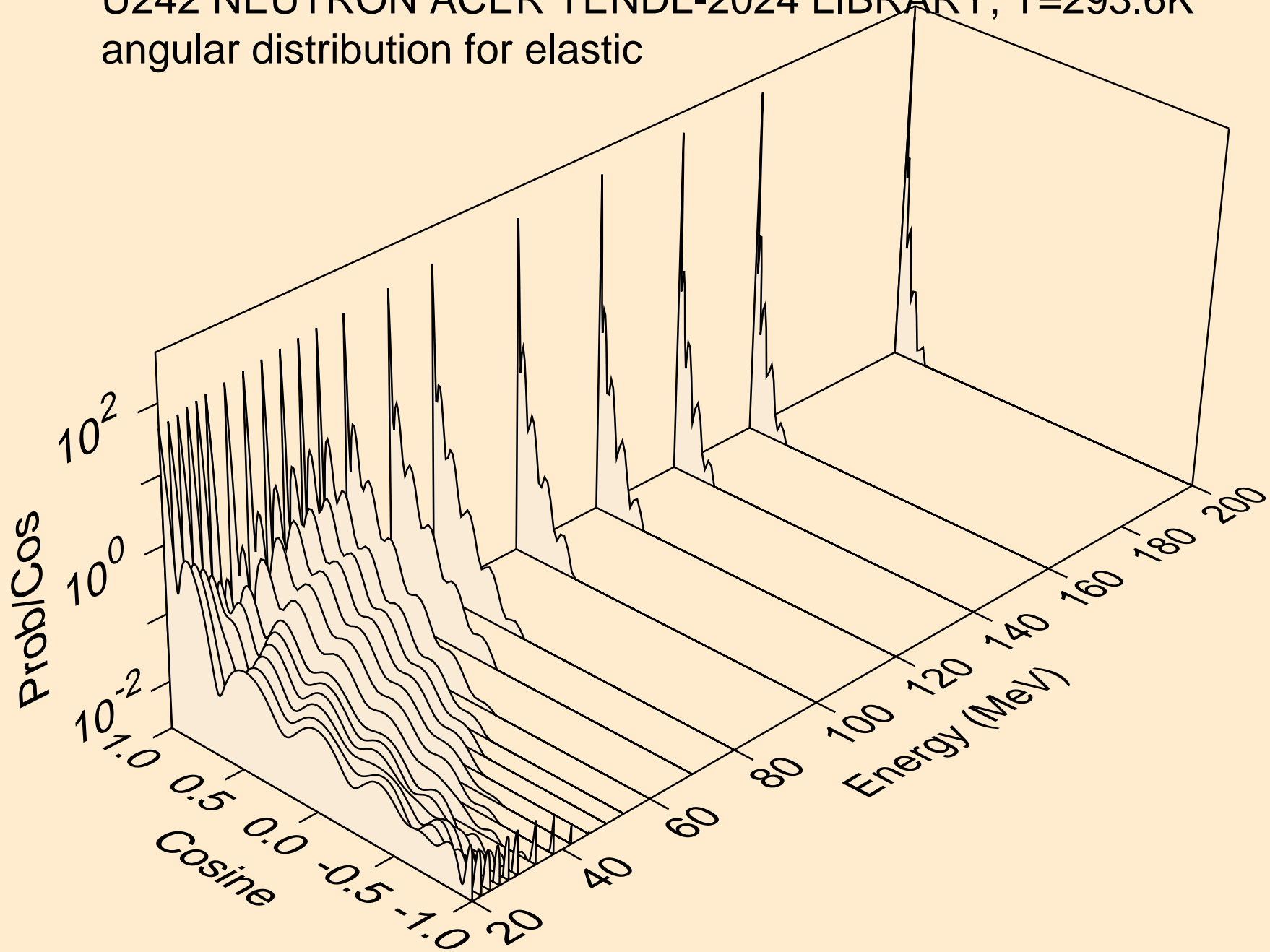
## Threshold reactions



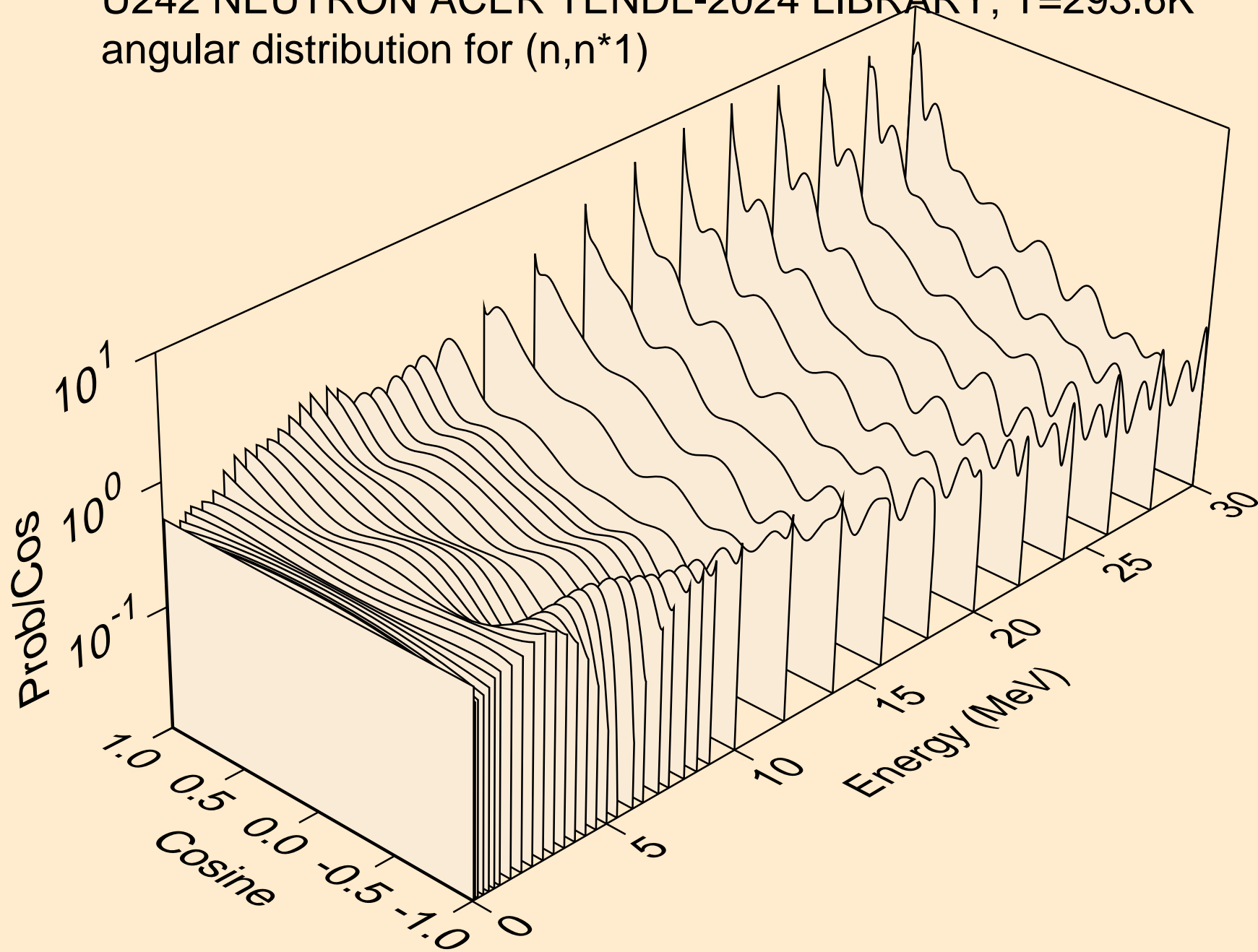
U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for elastic



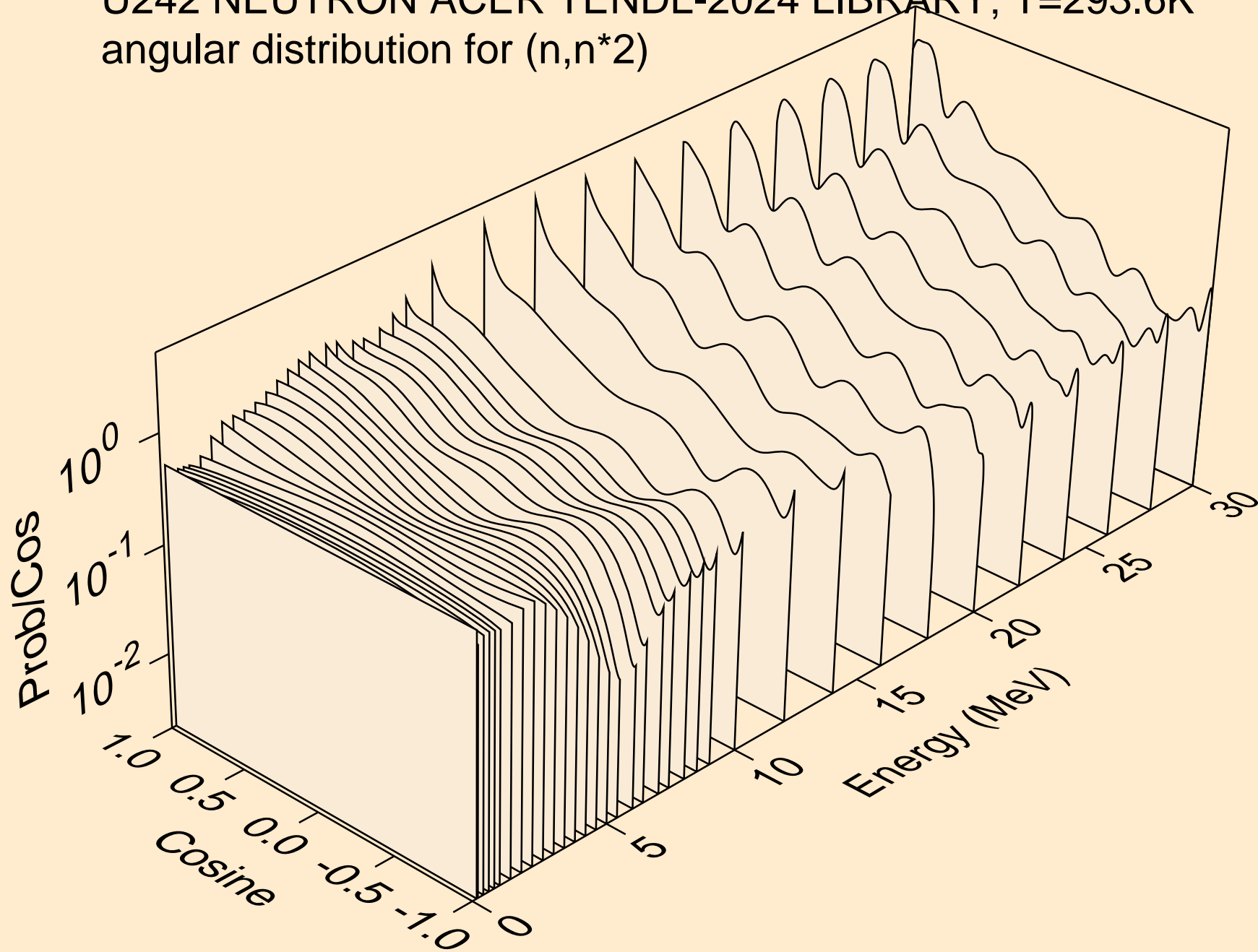
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angular distribution for elastic



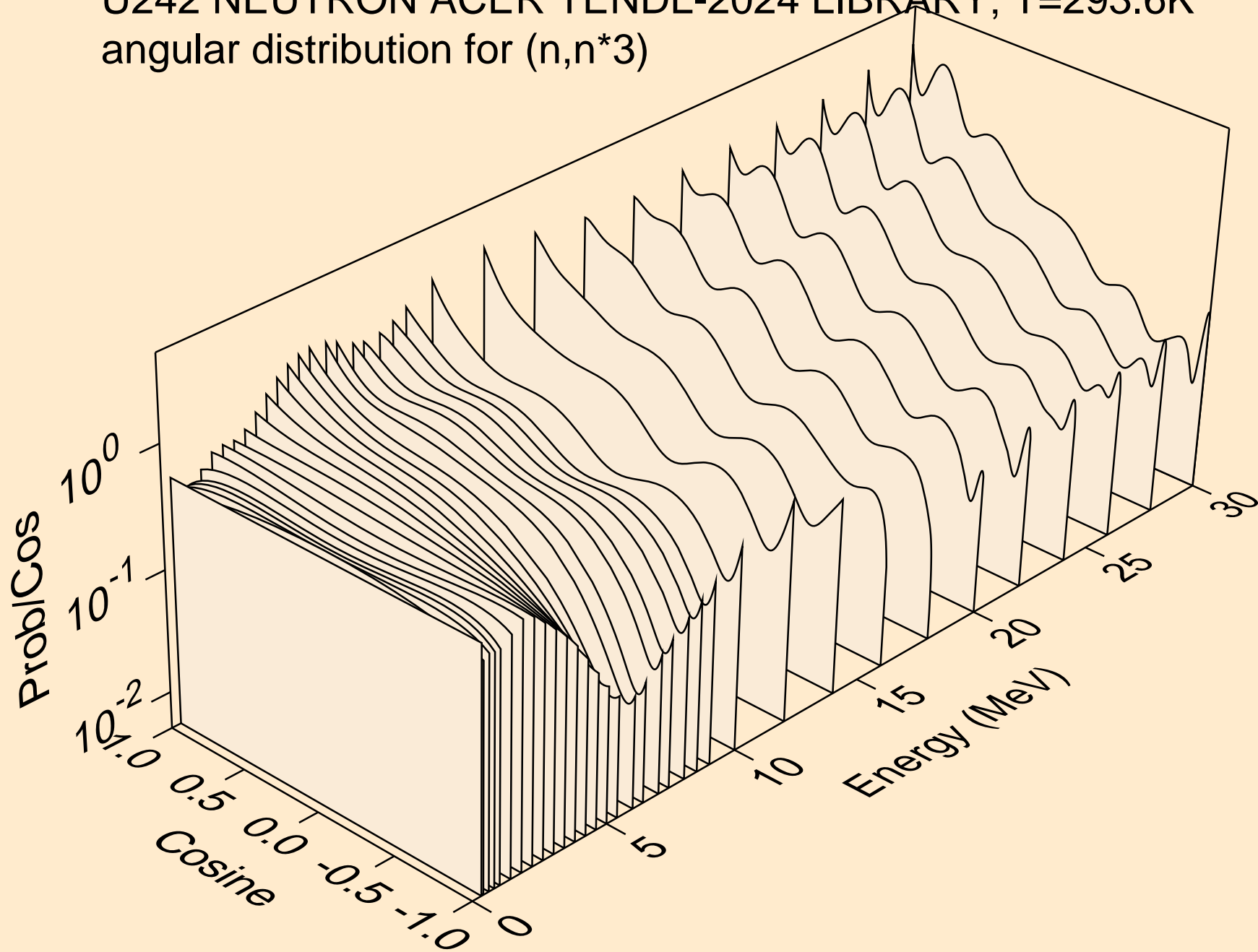
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angular distribution for (n,n\*1)



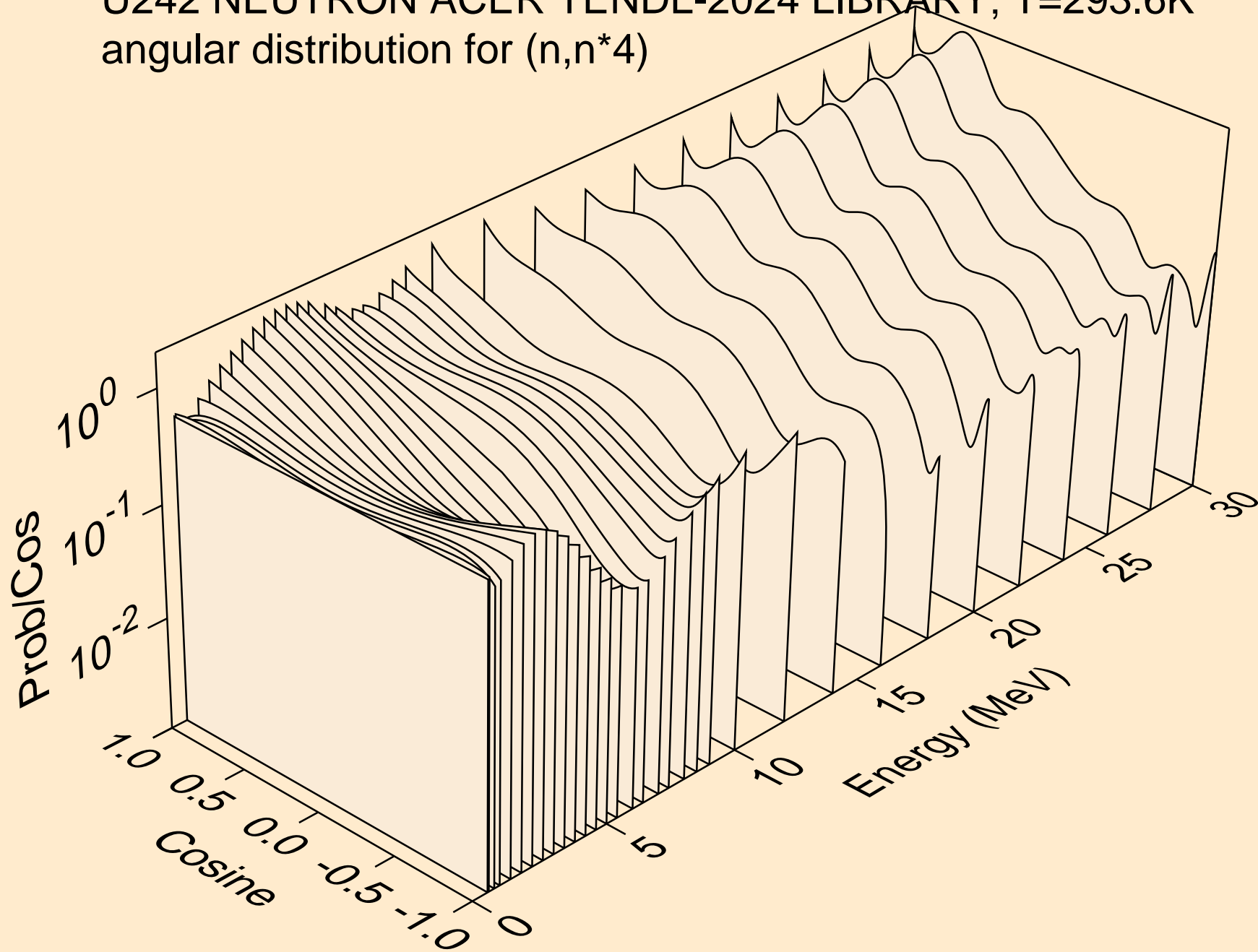
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angular distribution for (n,n\*2)



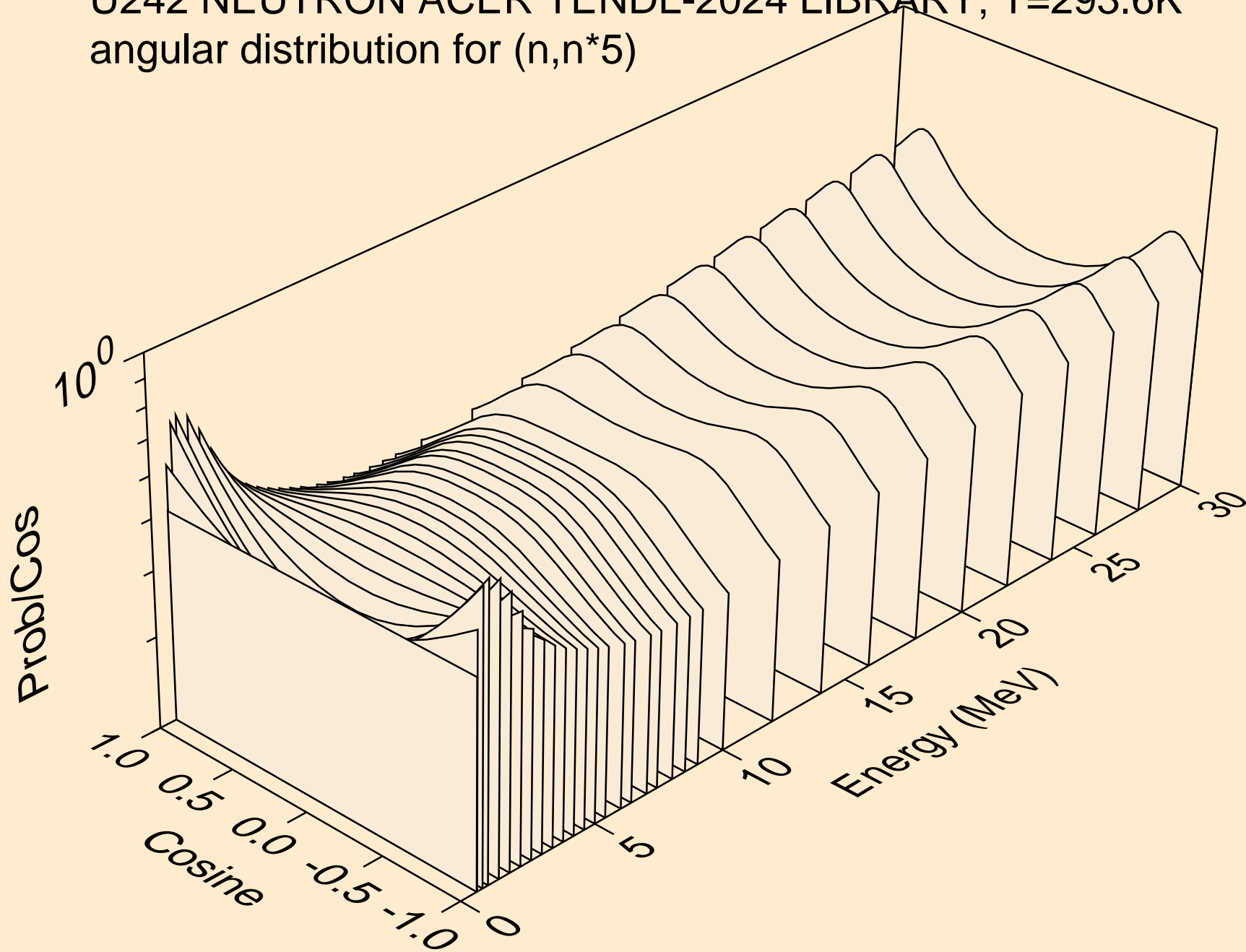
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angular distribution for (n,n\*3)



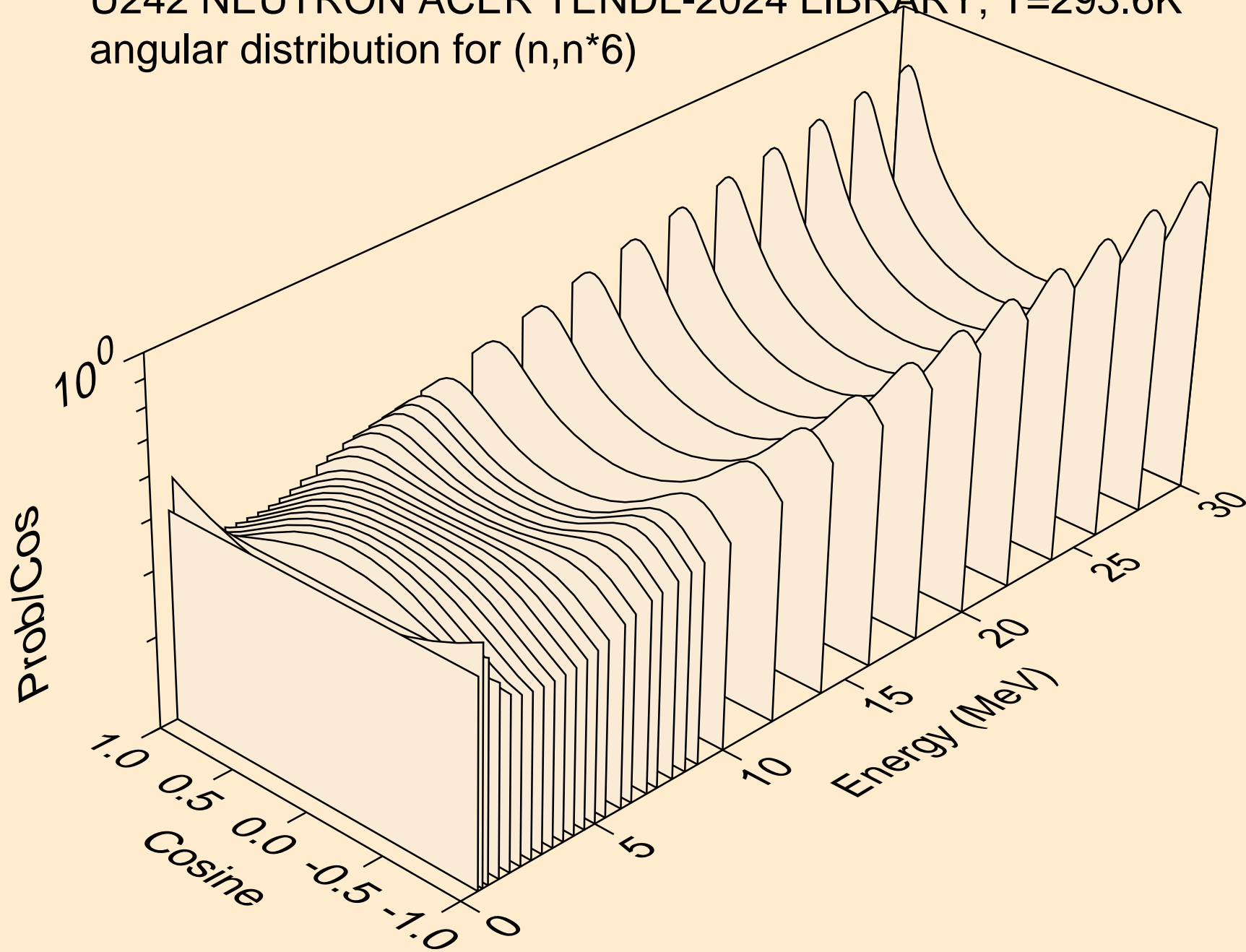
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angular distribution for (n,n\*4)



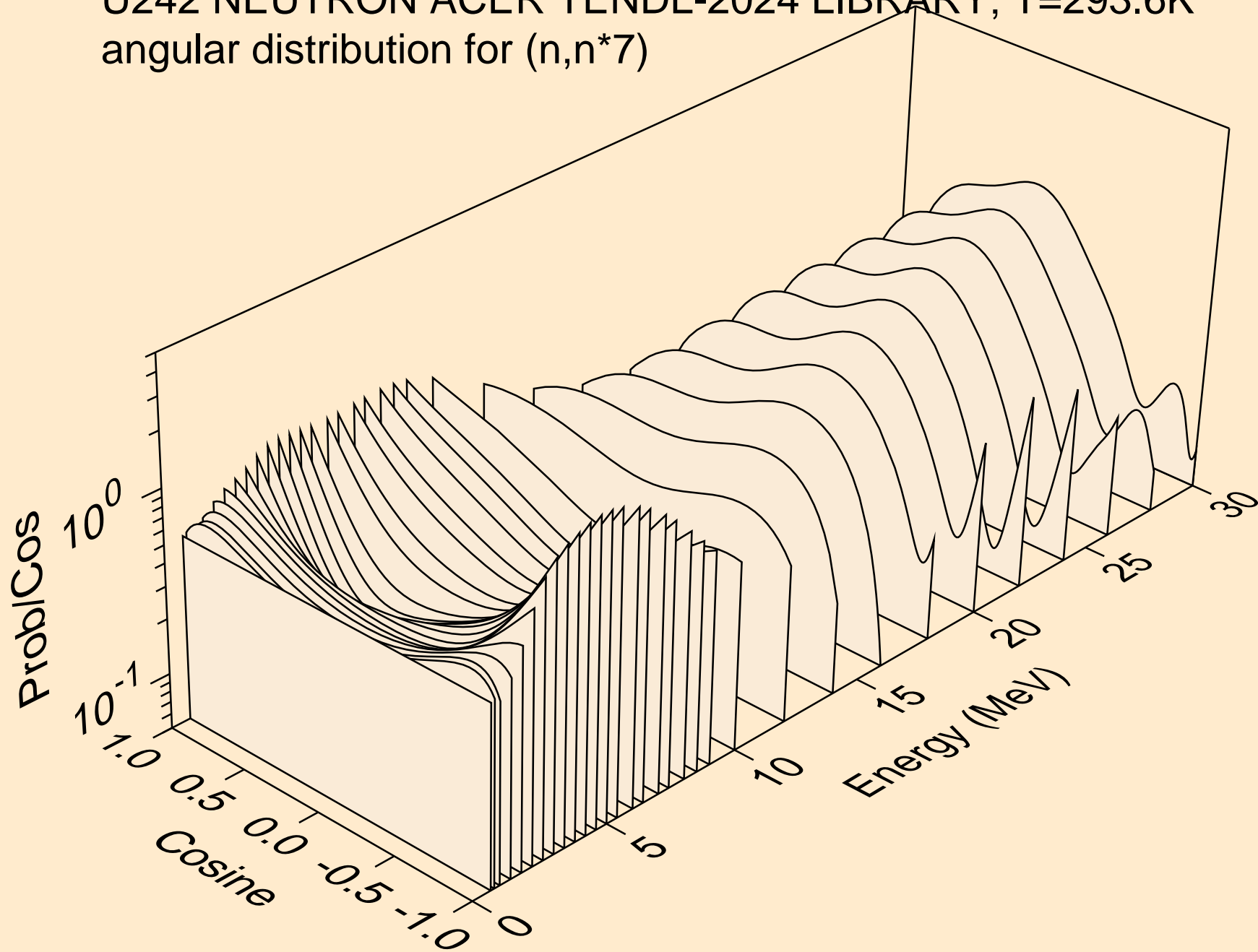
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angular distribution for (n,n\*5)



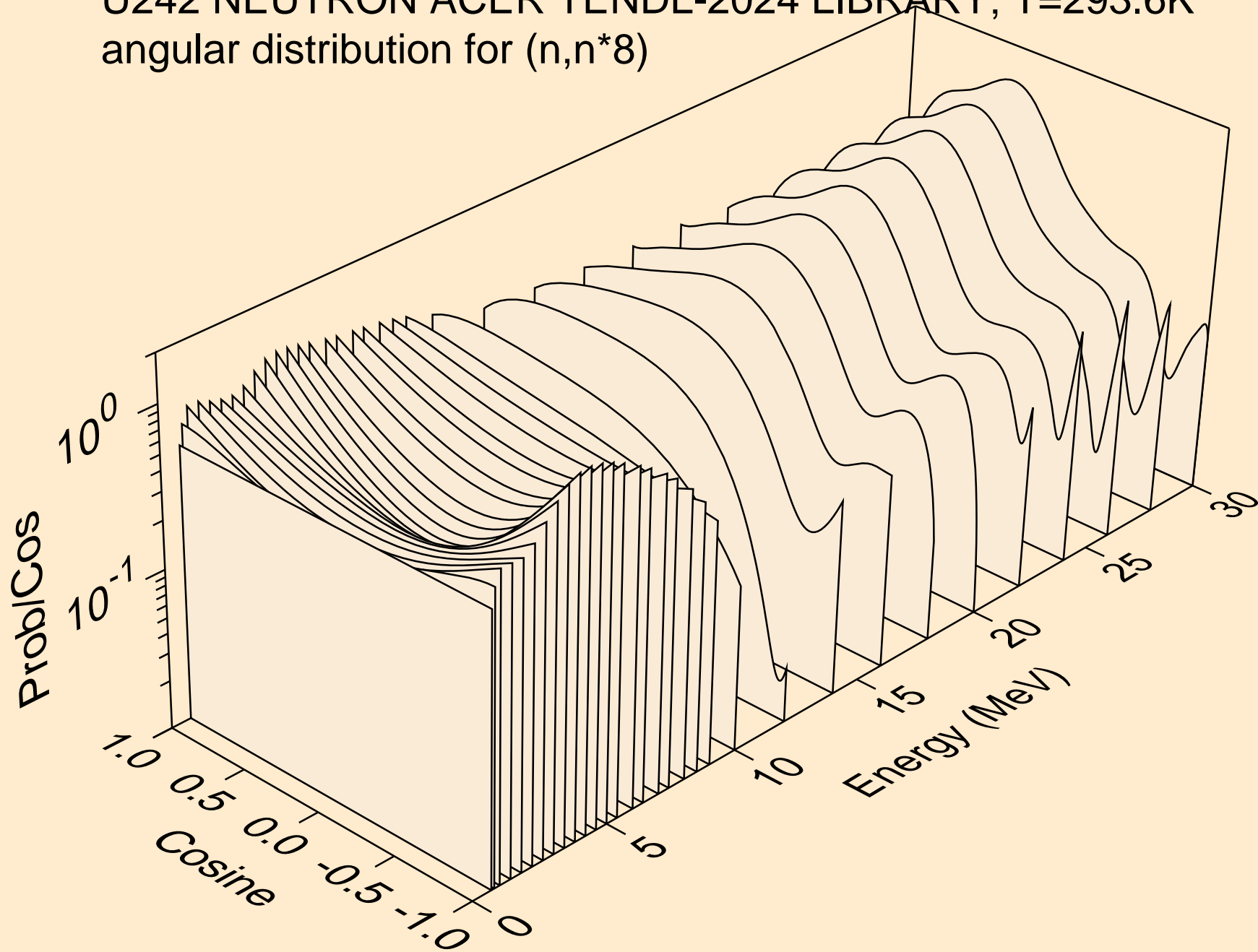
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angular distribution for (n,n\*6)



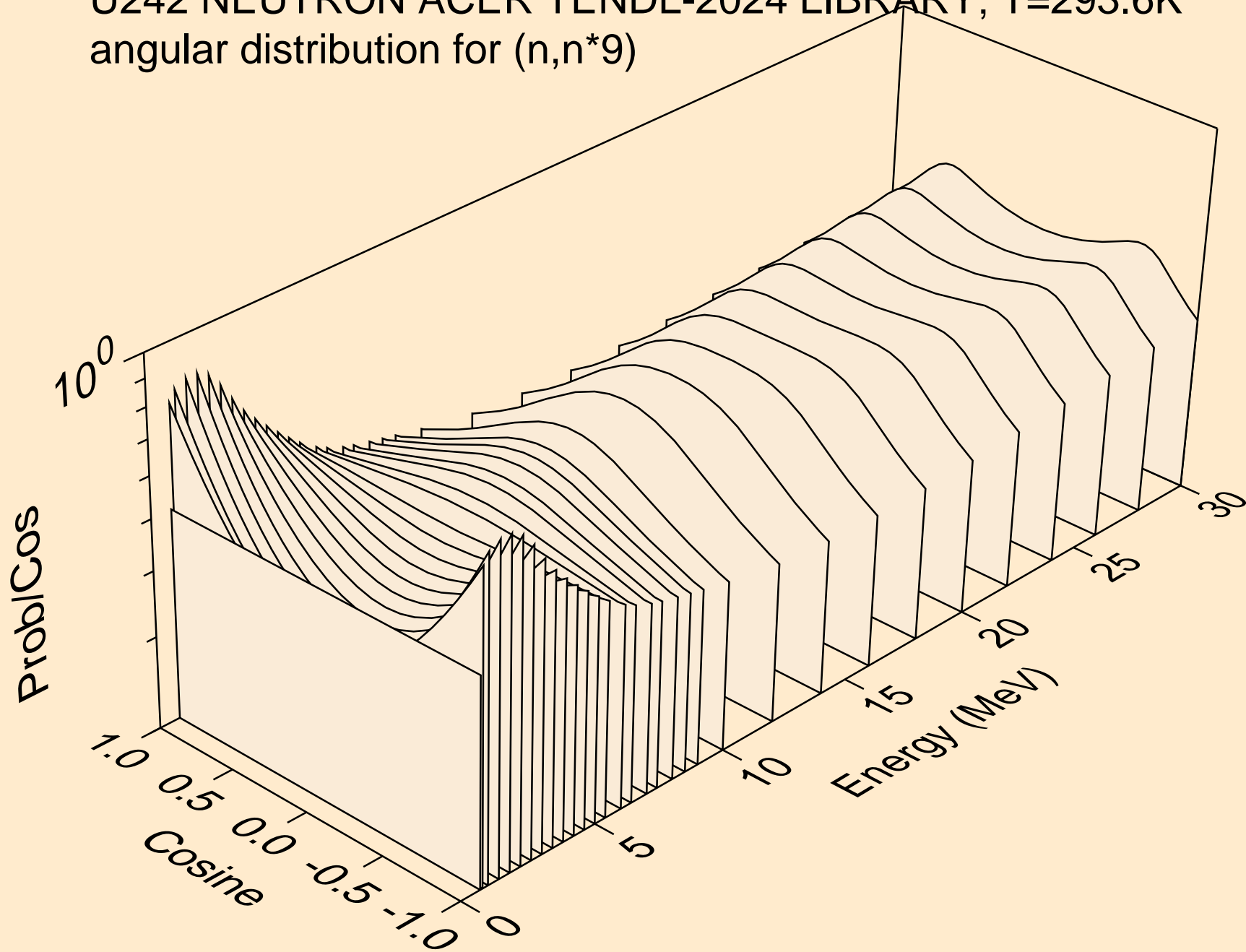
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angular distribution for (n,n\*7)



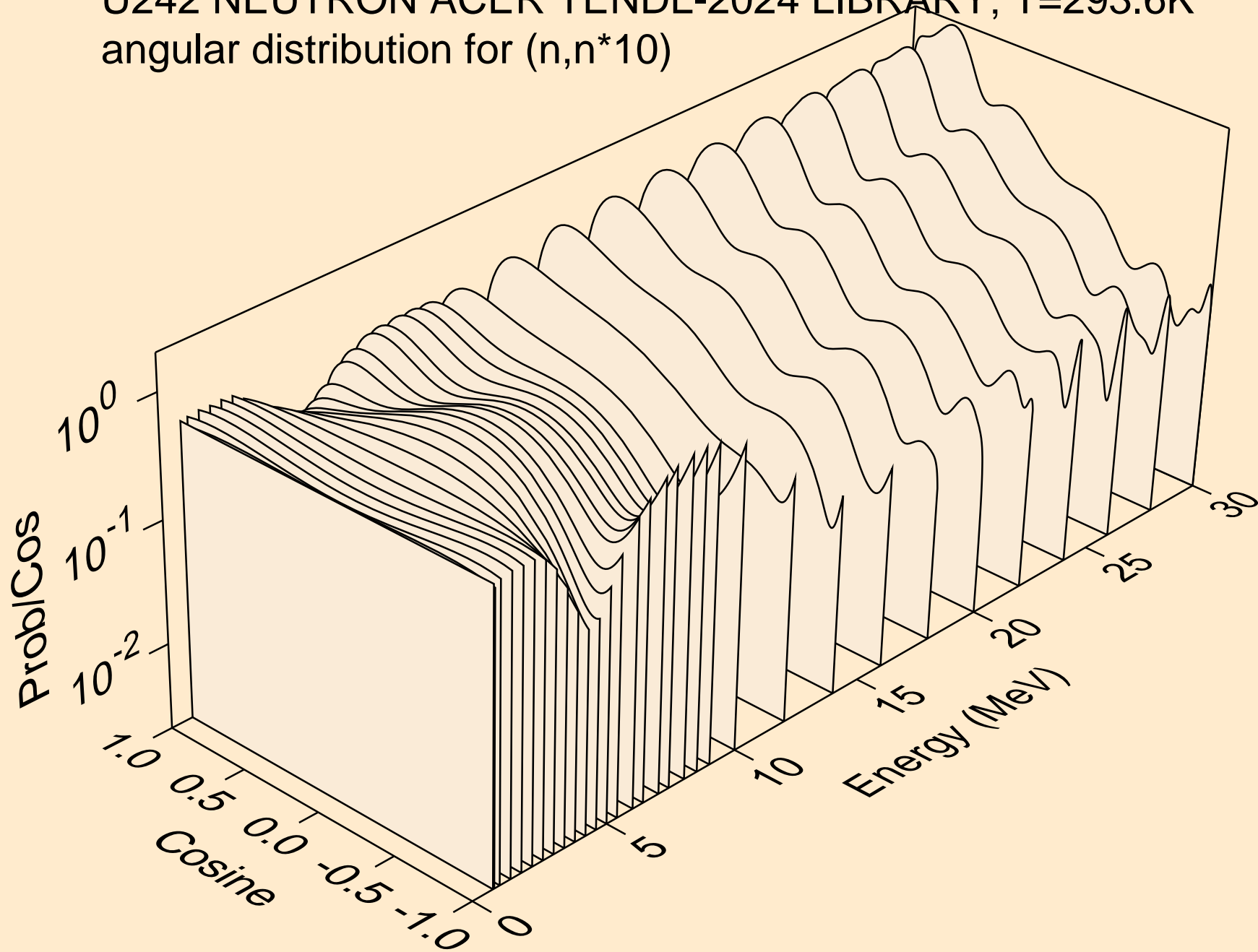
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angular distribution for (n,n\*8)



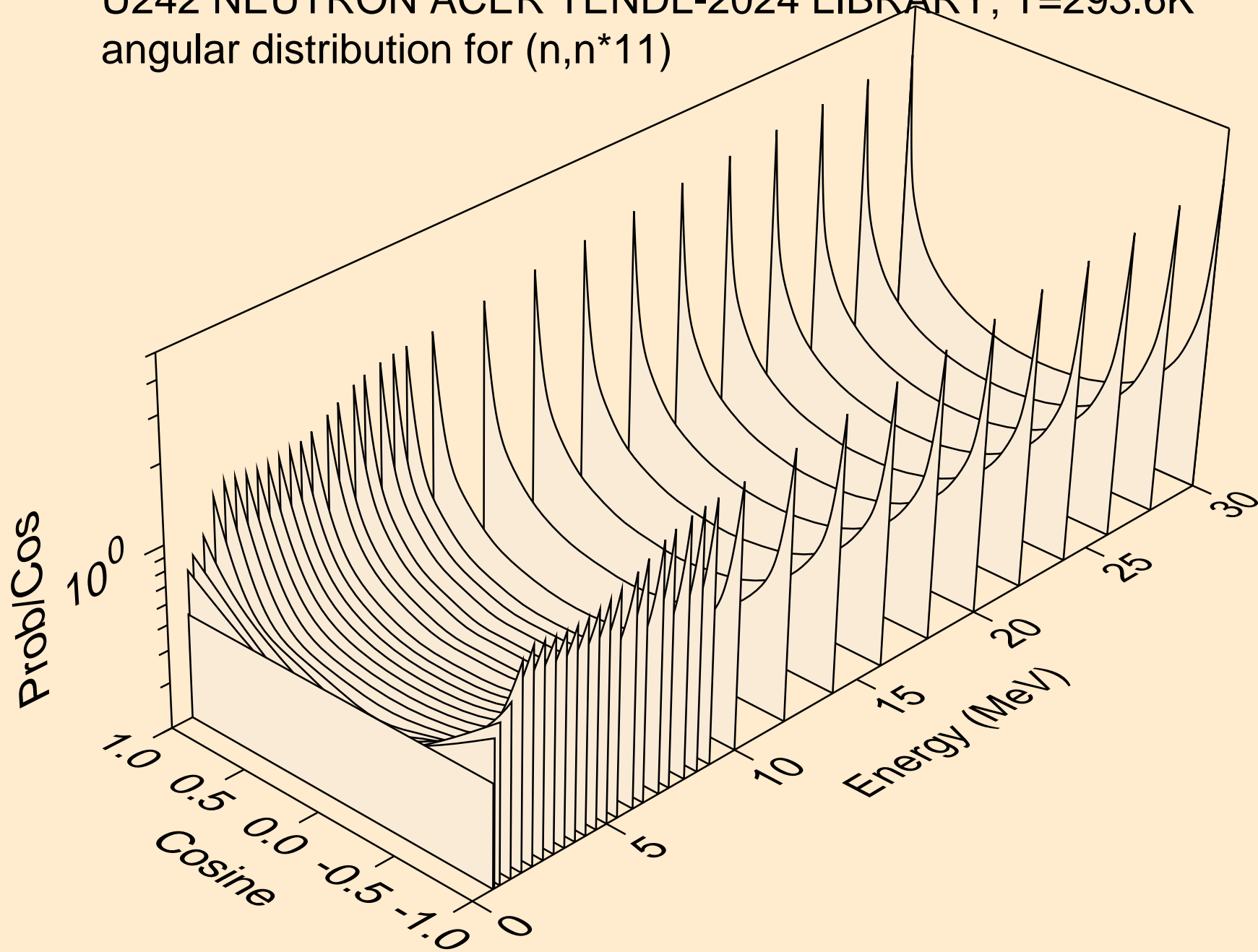
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angular distribution for (n,n\*9)



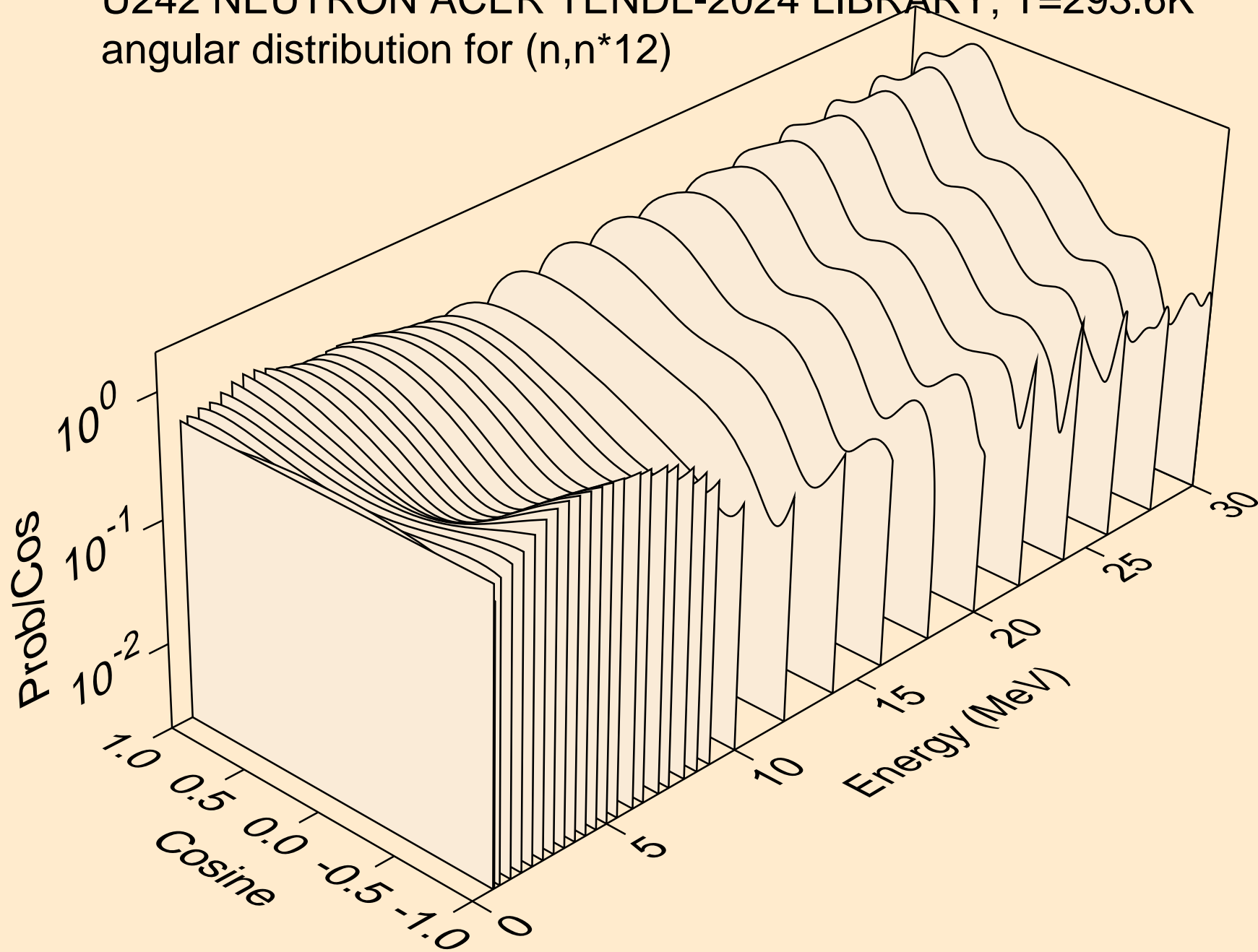
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angular distribution for (n,n\*10)



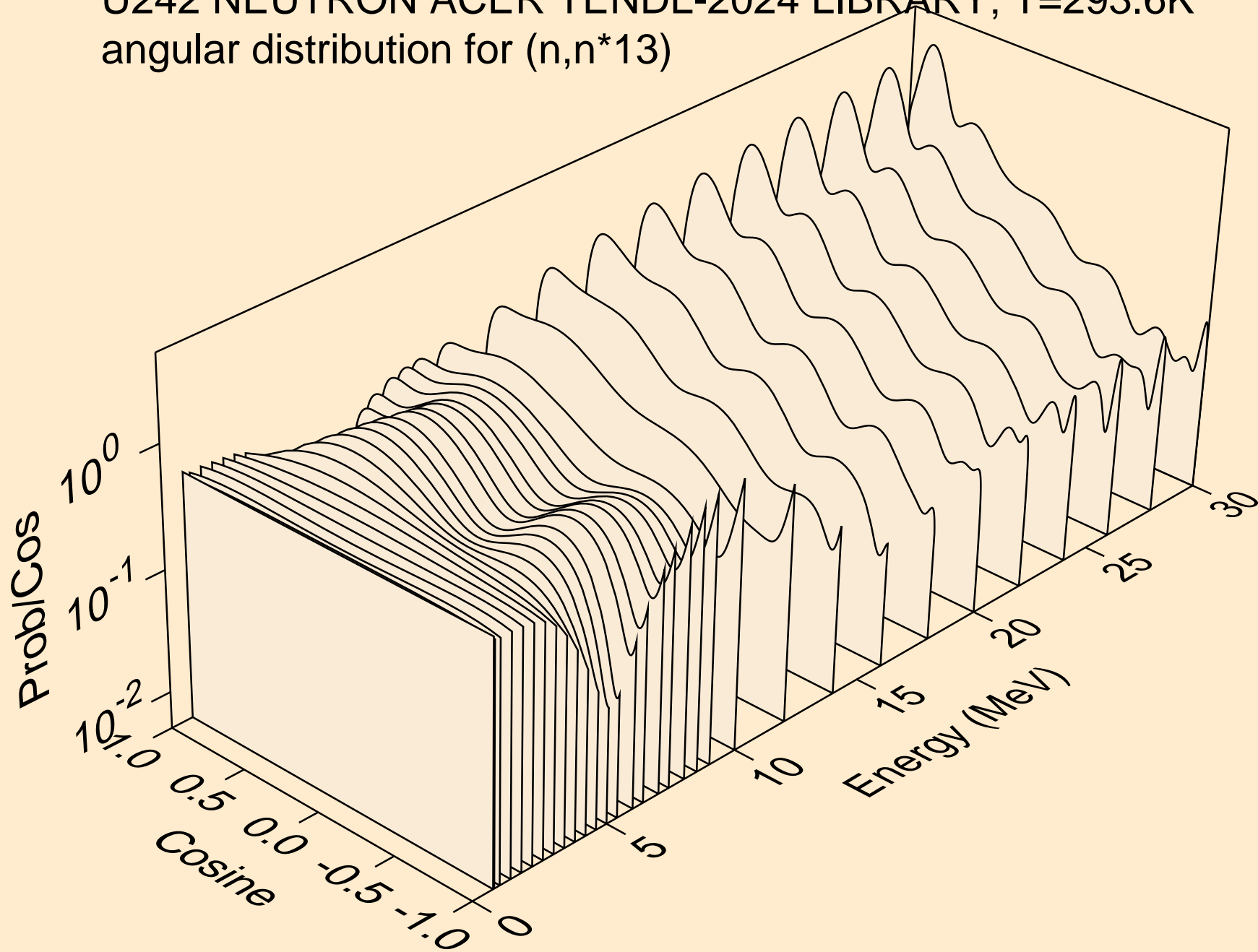
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angular distribution for (n,n\*11)



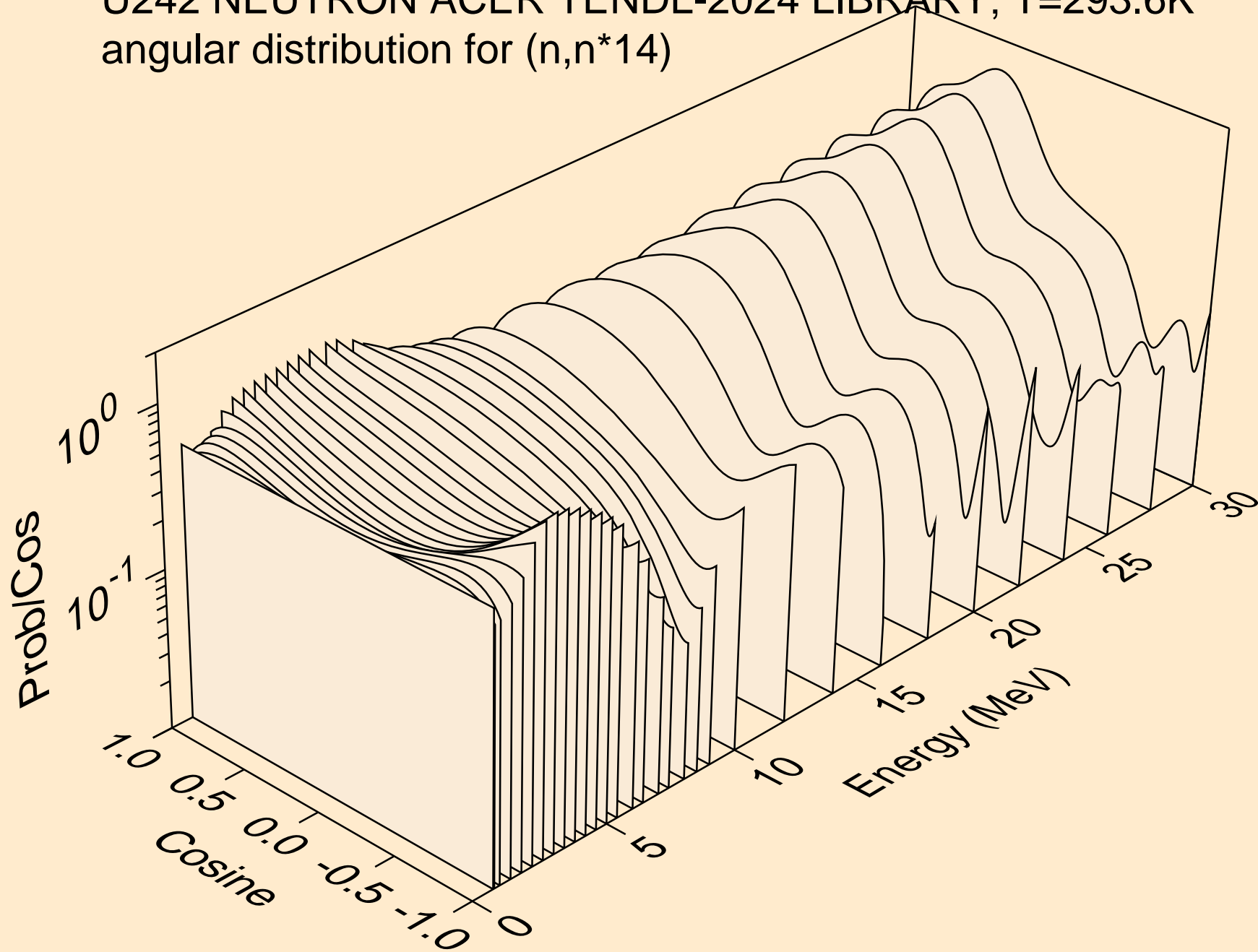
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angular distribution for (n,n\*12)



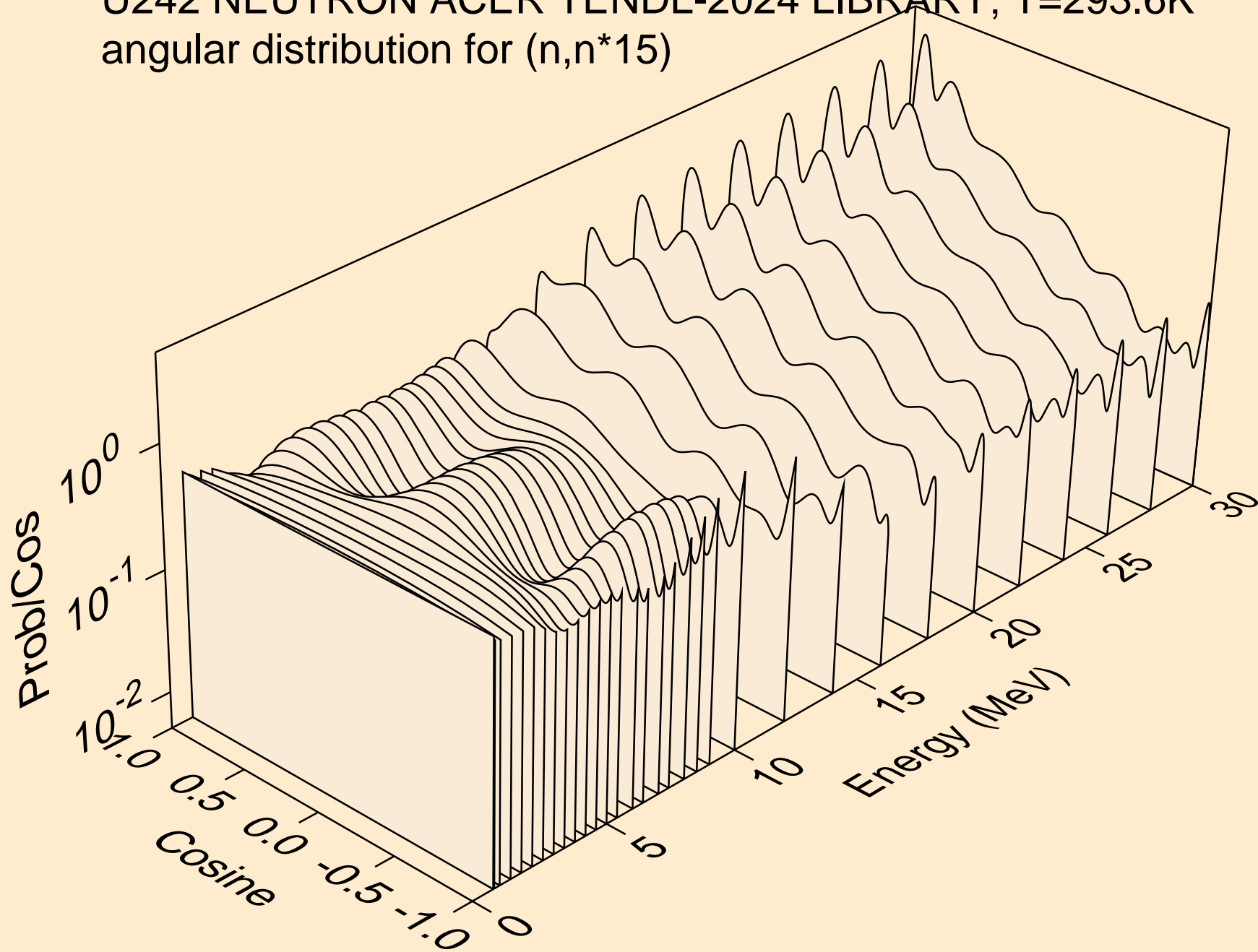
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angular distribution for (n,n\*13)



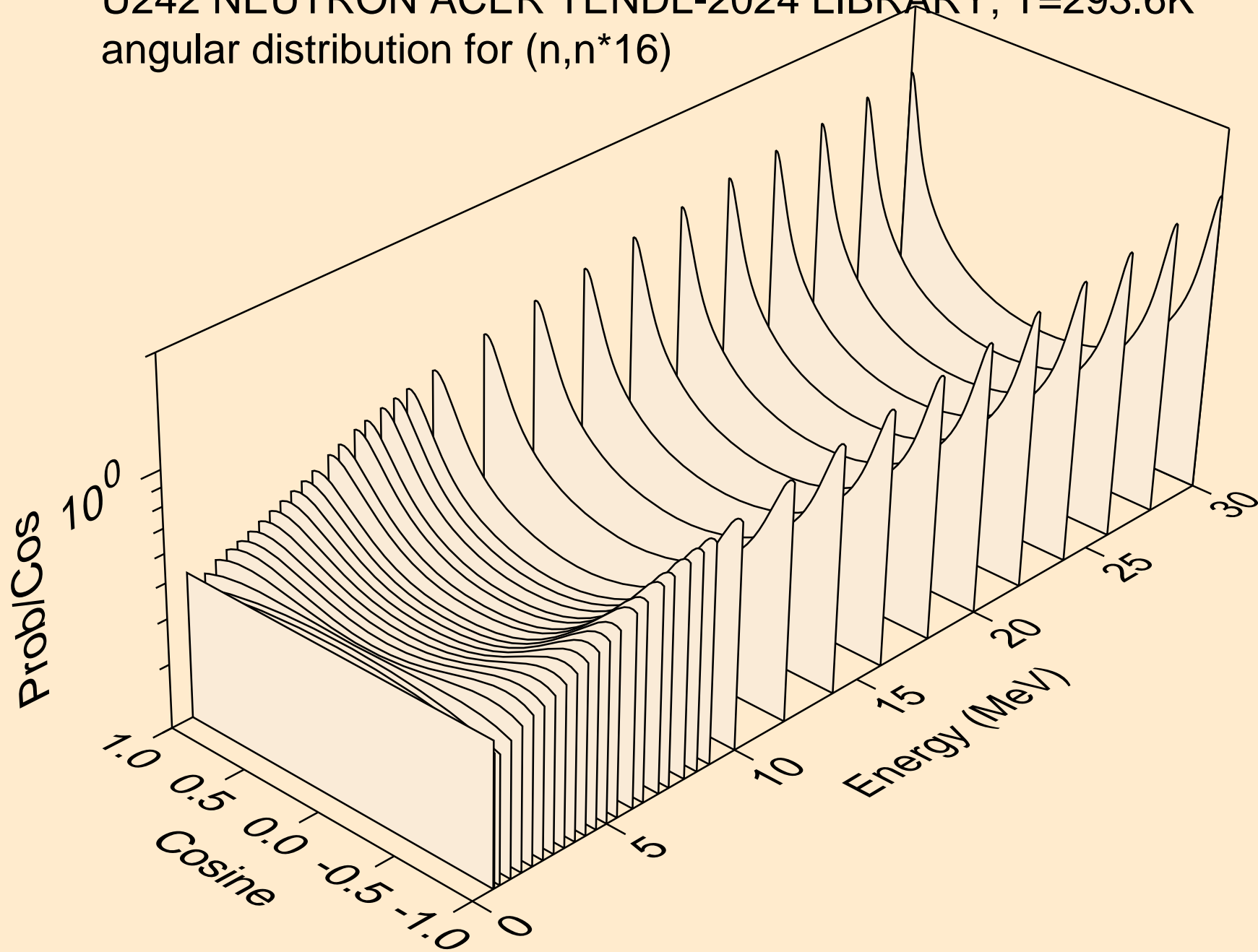
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angular distribution for (n,n\*14)



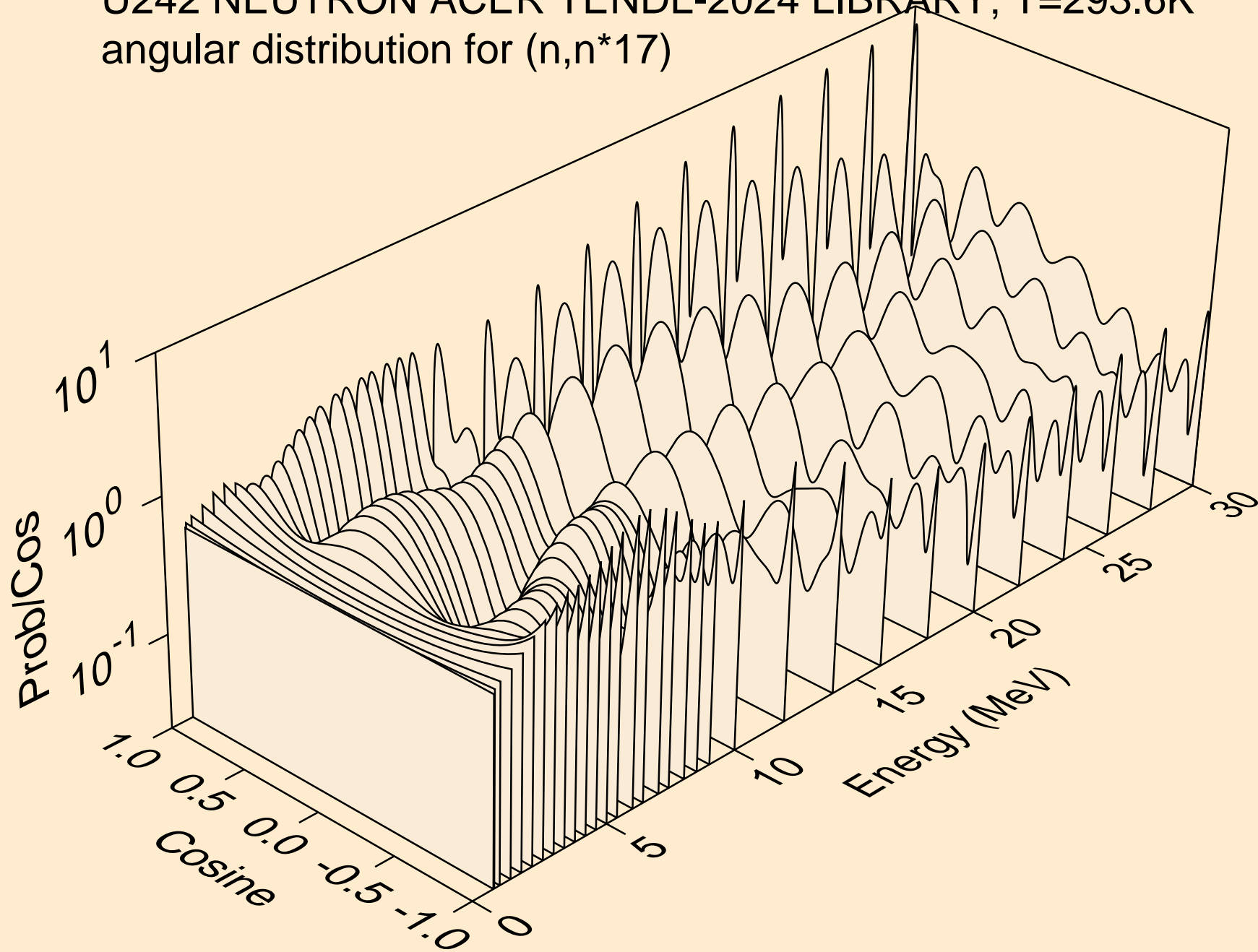
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angular distribution for (n,n\*15)



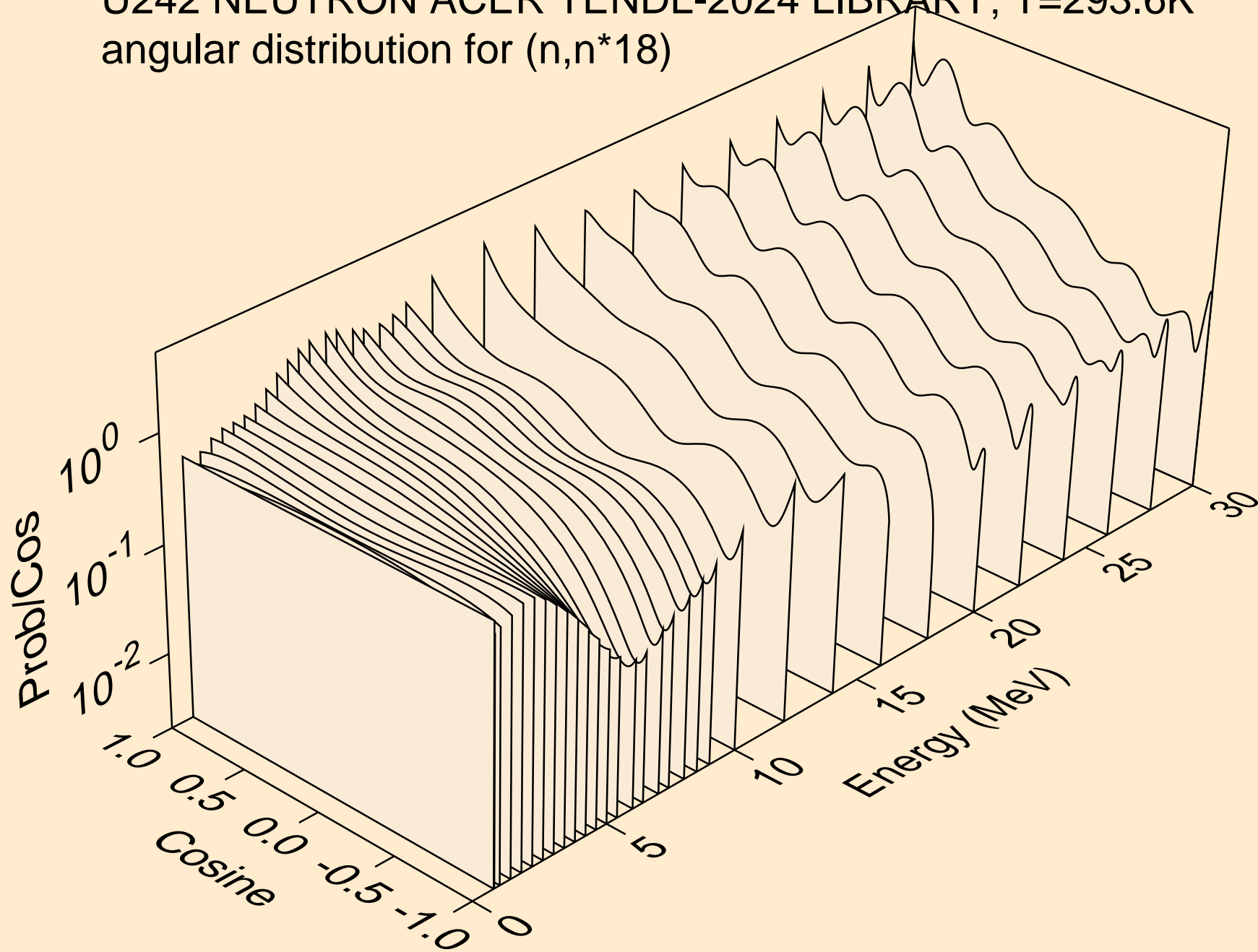
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angular distribution for (n,n\*16)



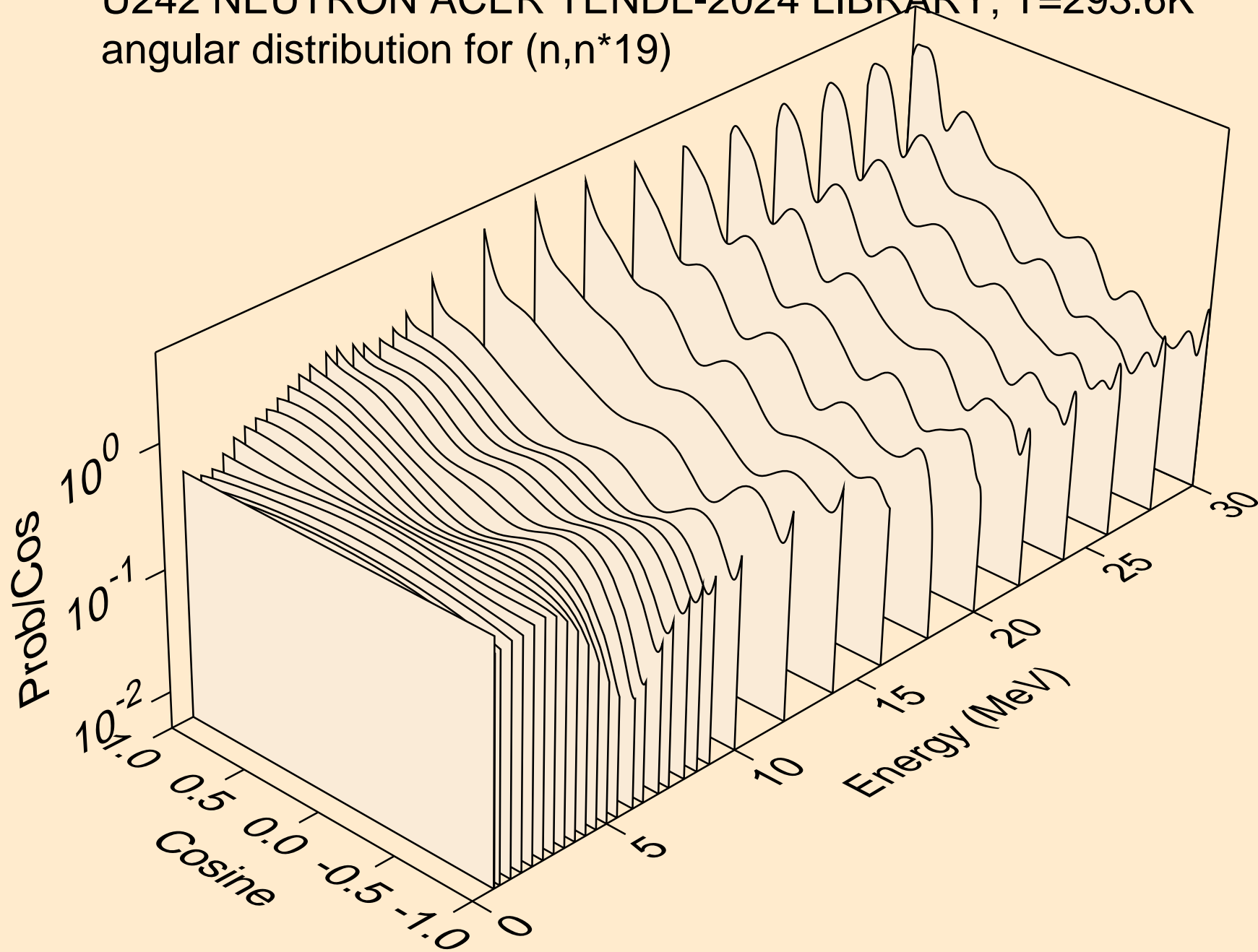
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angular distribution for (n,n\*17)



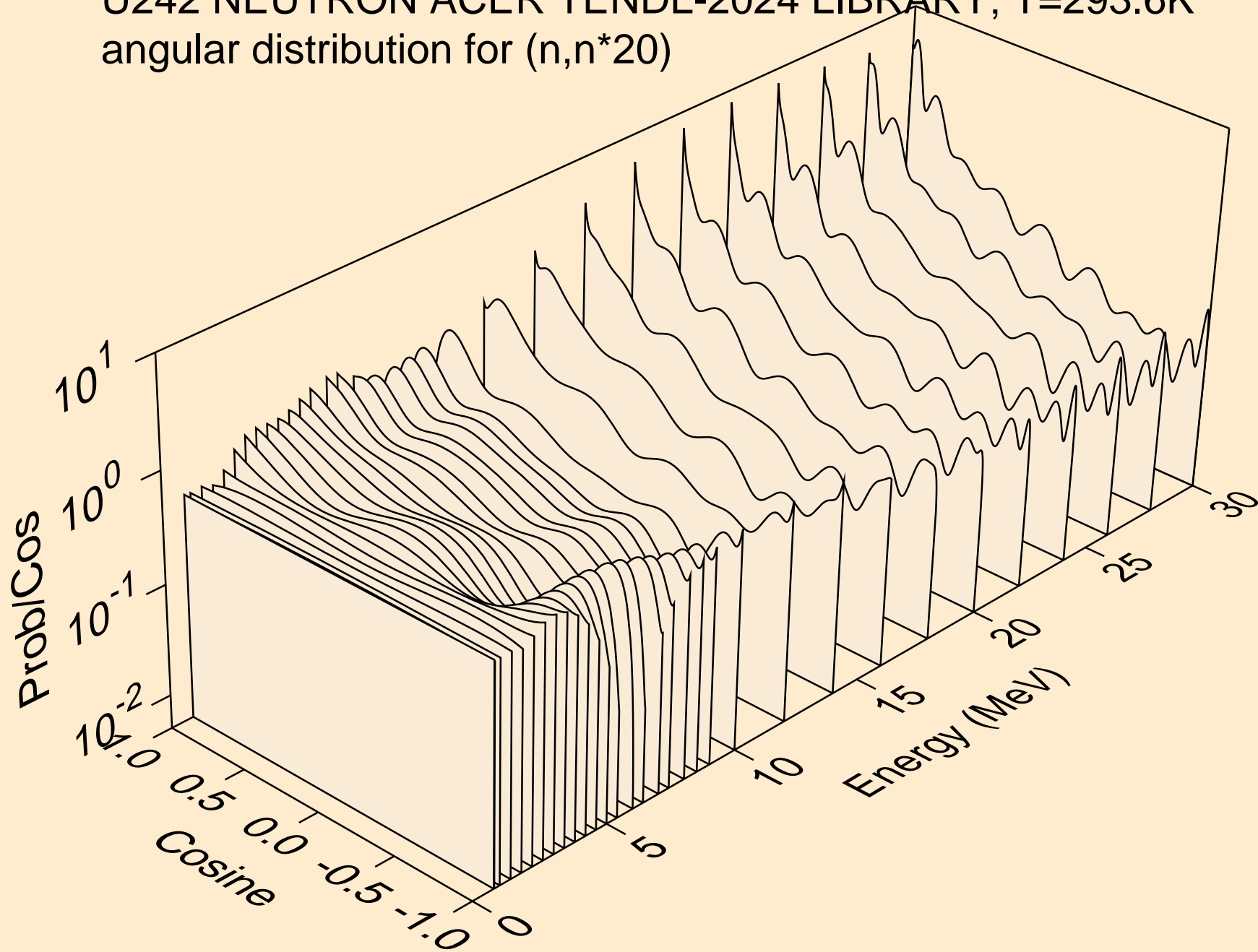
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angular distribution for (n,n\*18)



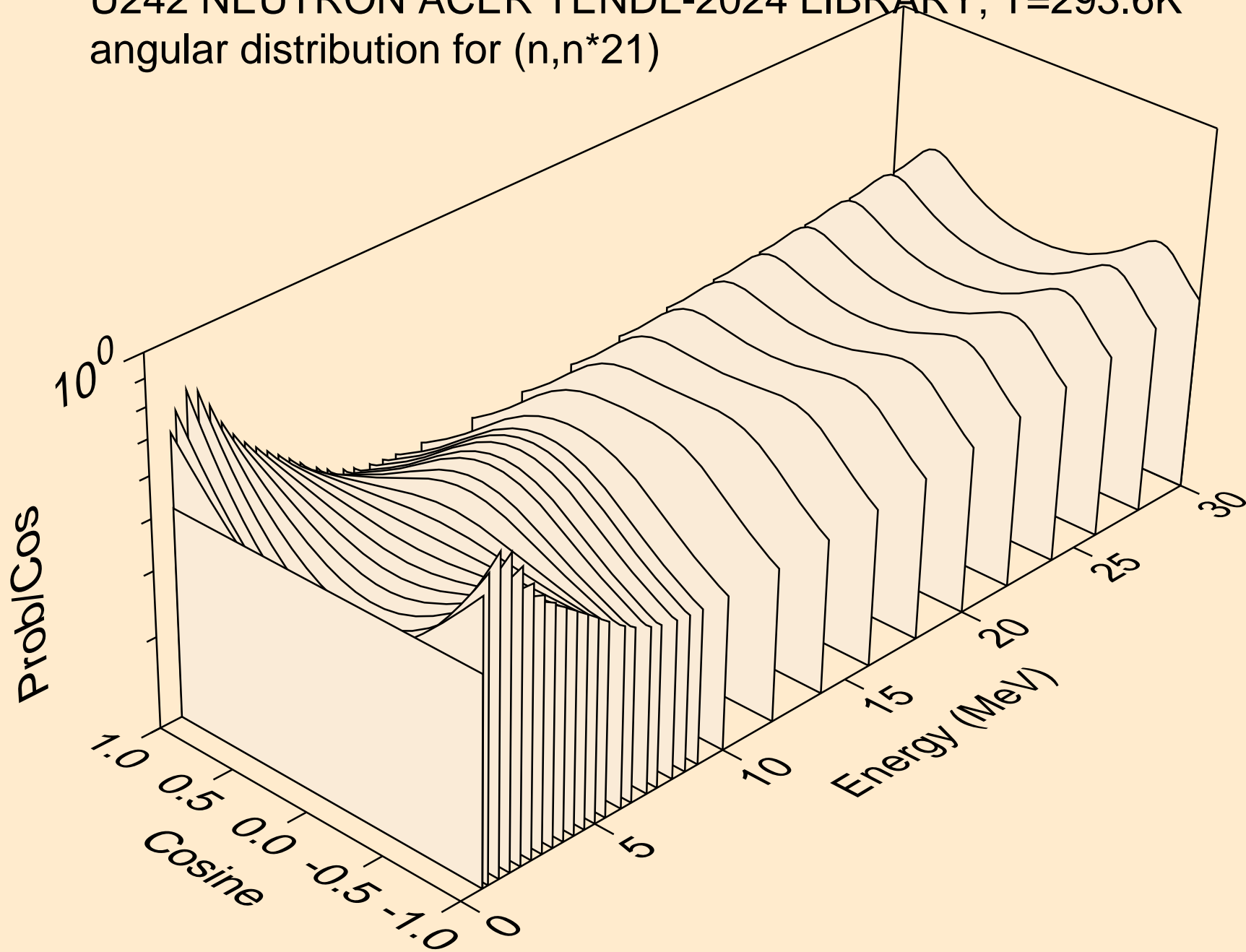
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angular distribution for (n,n\*19)



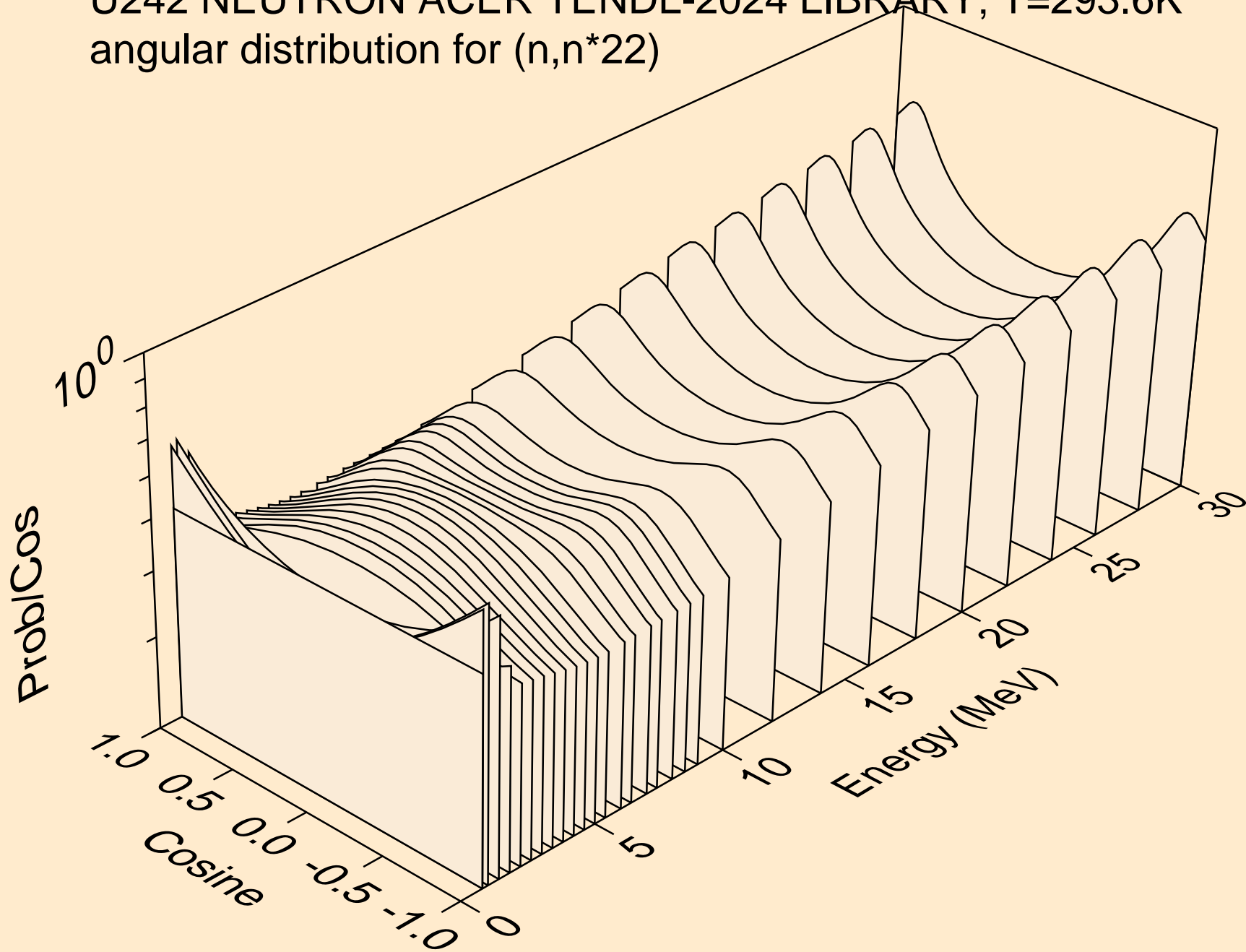
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angular distribution for (n,n\*20)



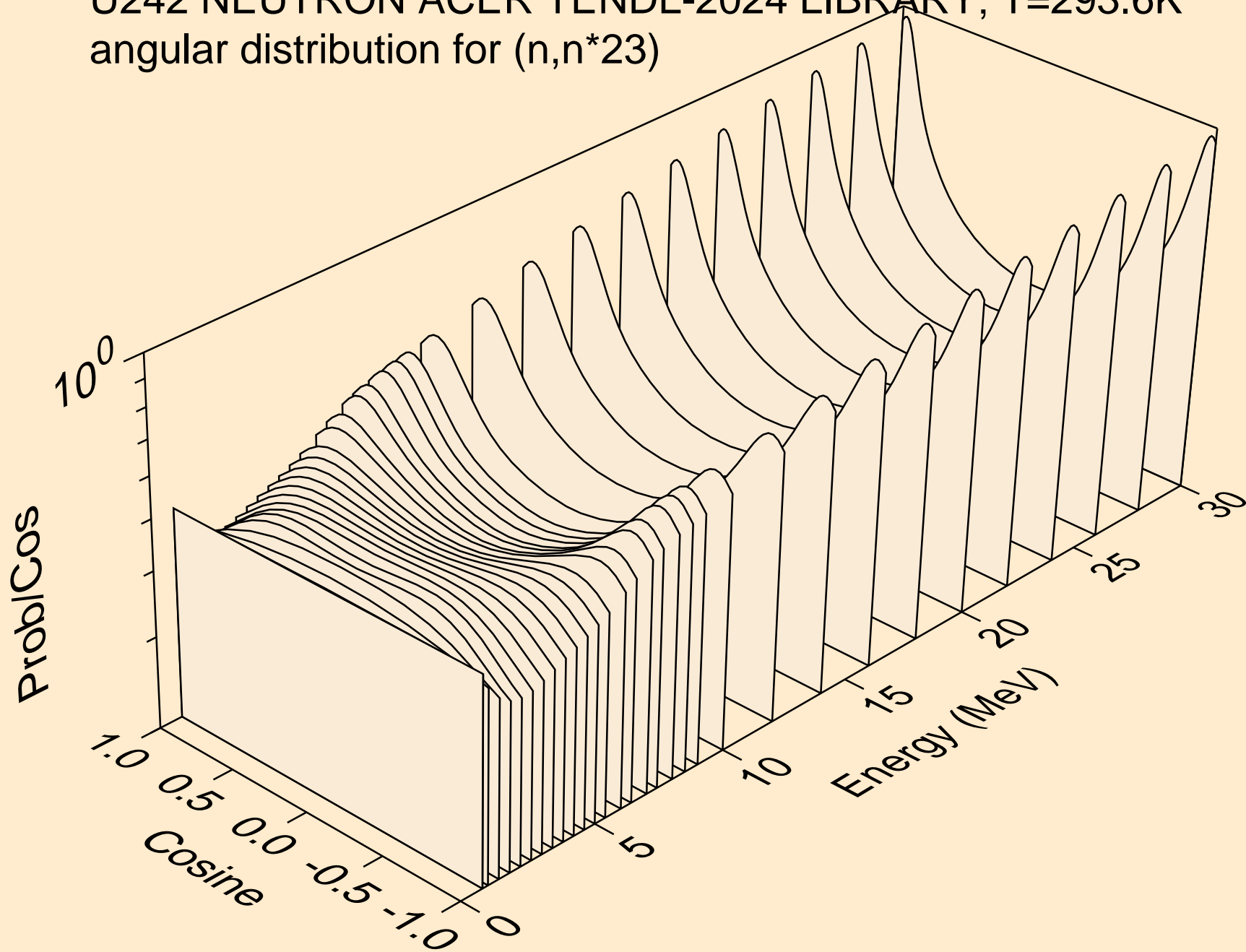
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angular distribution for (n,n\*21)



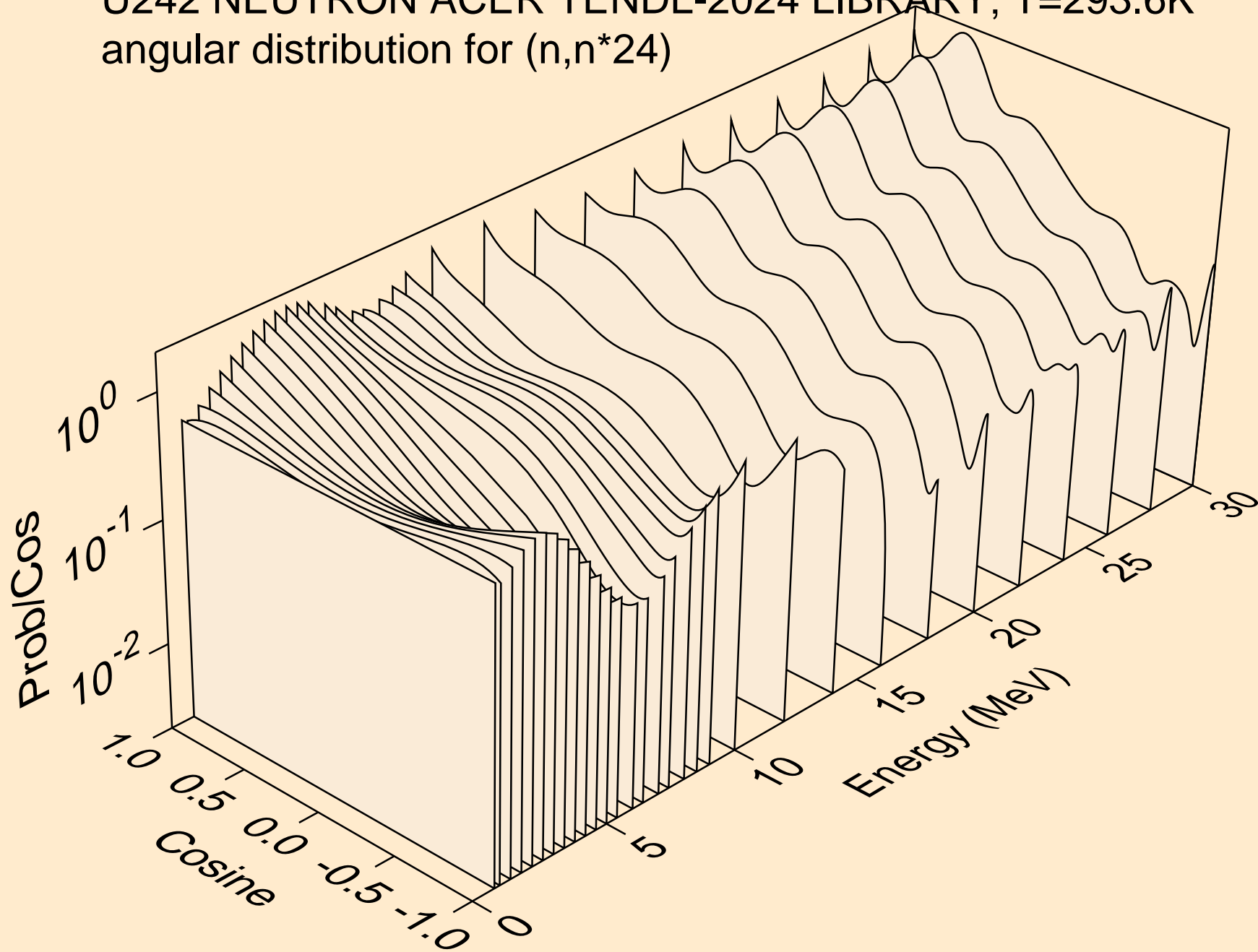
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angular distribution for (n,n\*22)



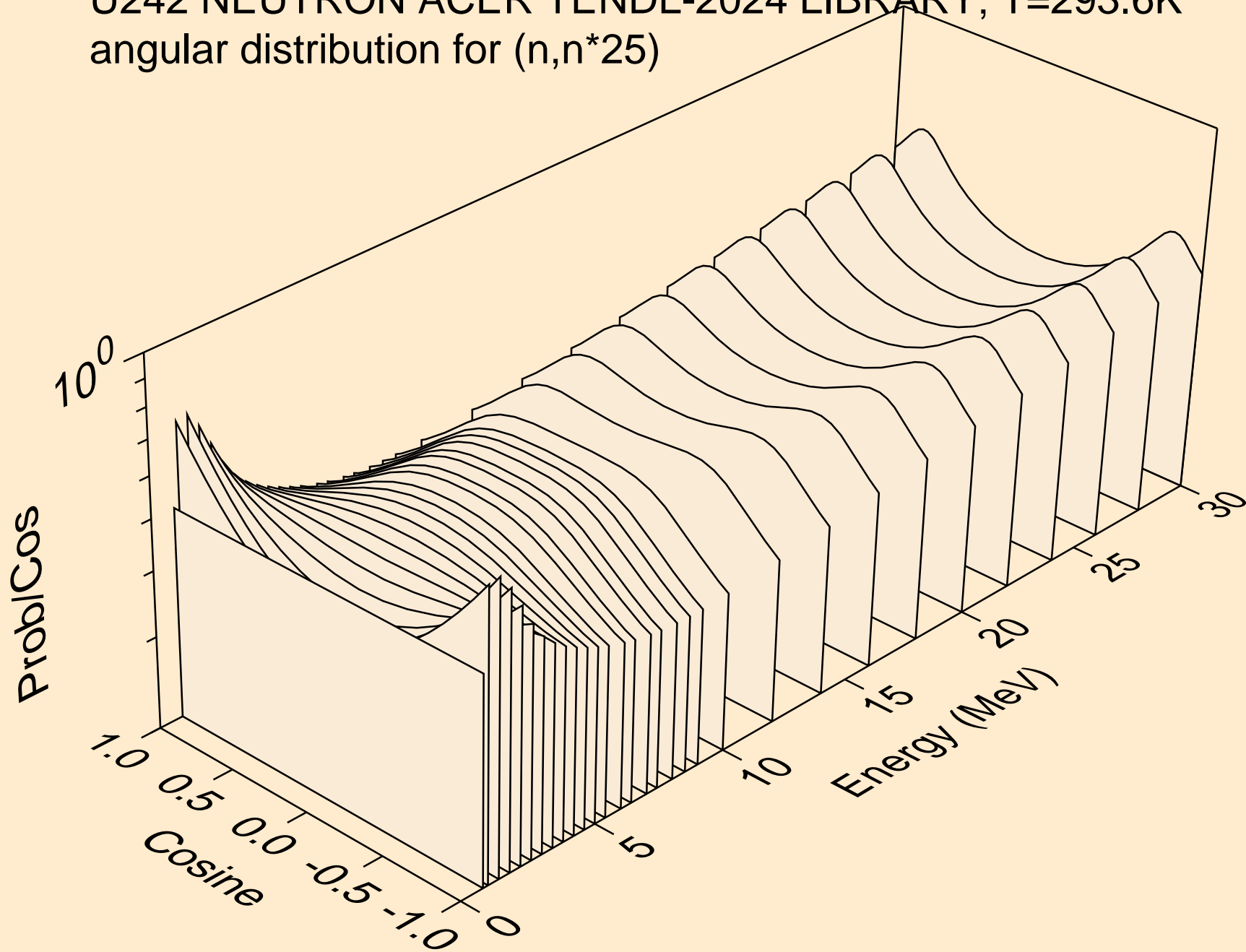
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angular distribution for (n,n\*23)



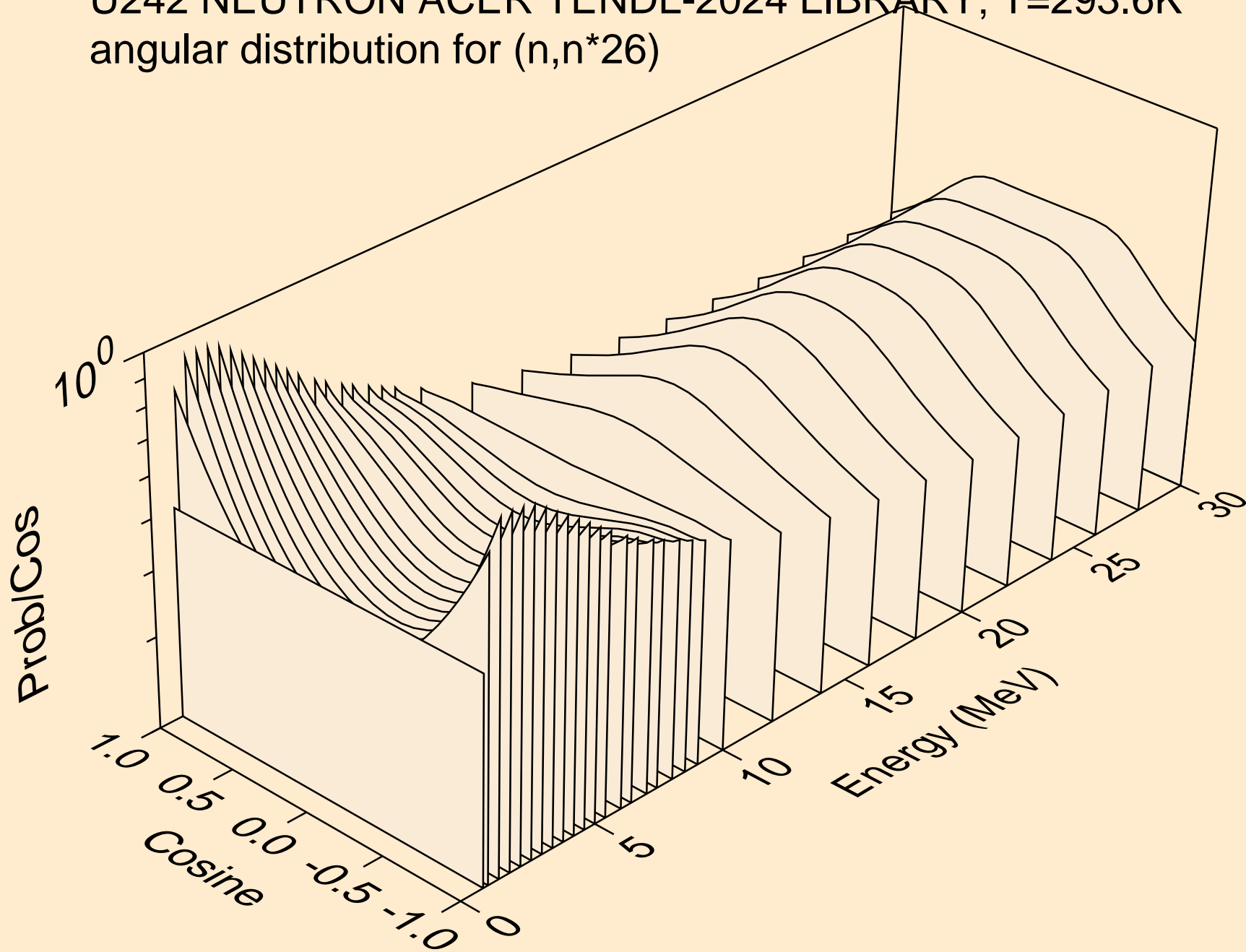
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angular distribution for (n,n\*24)



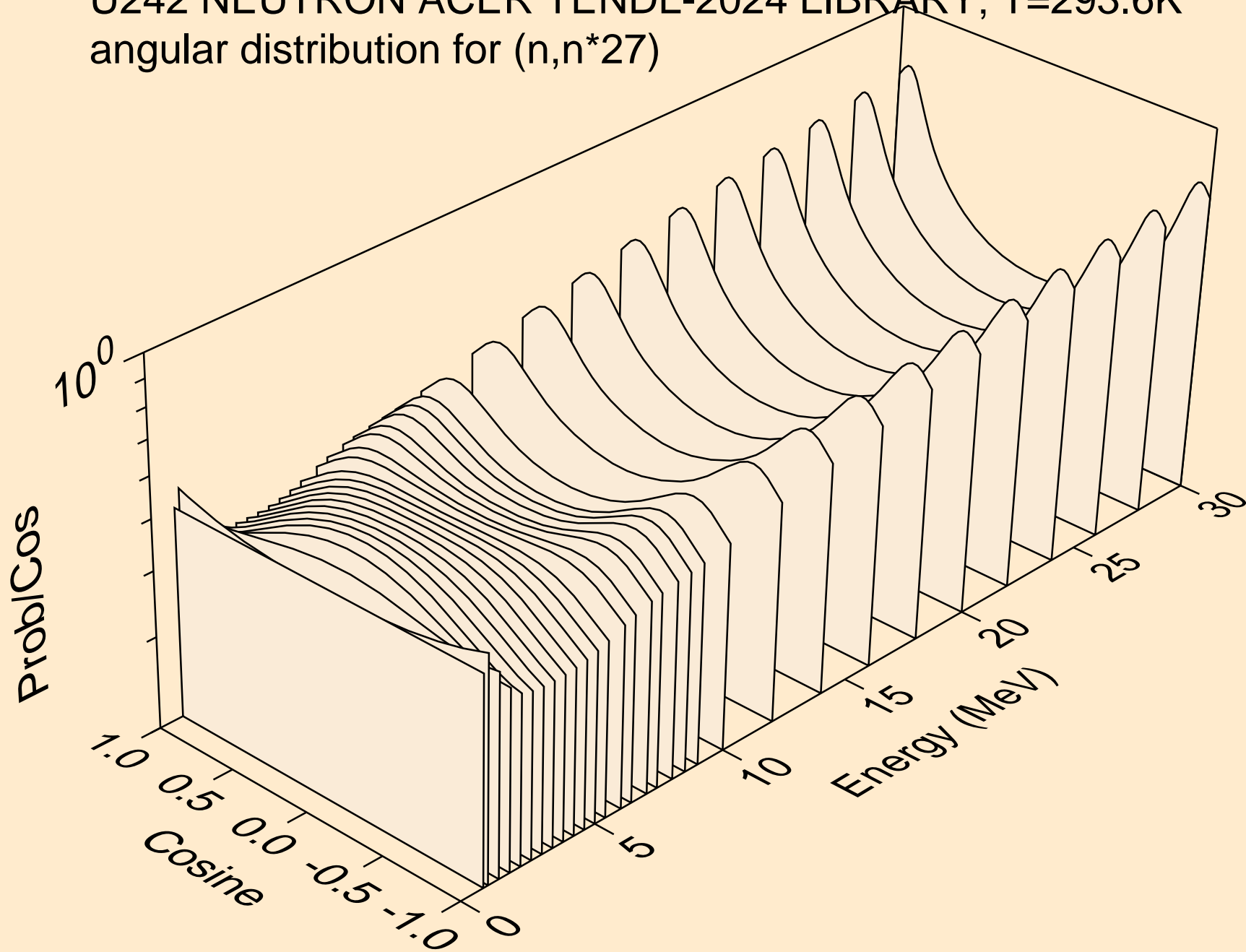
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angular distribution for (n,n\*25)



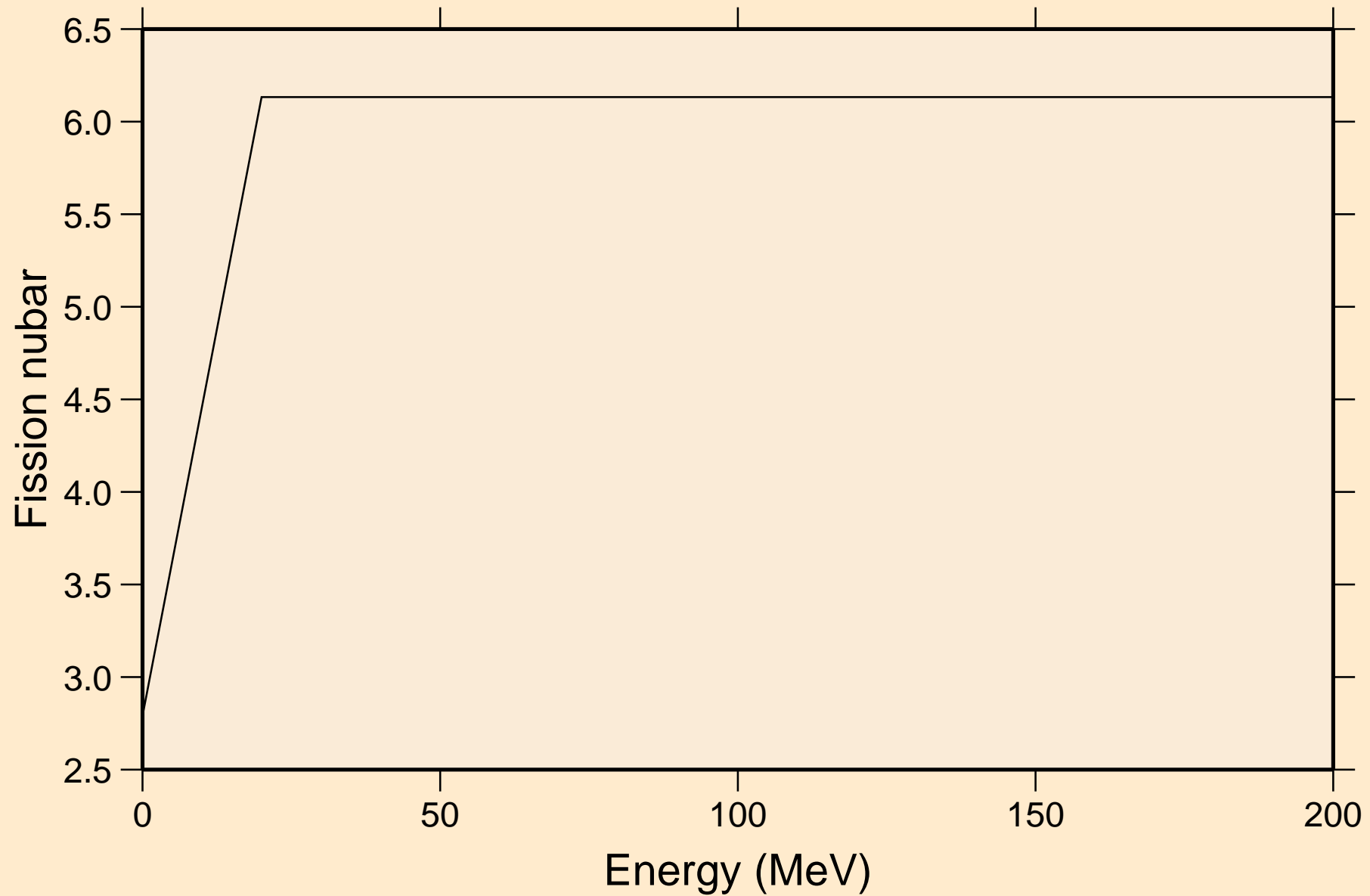
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angular distribution for (n,n\*26)



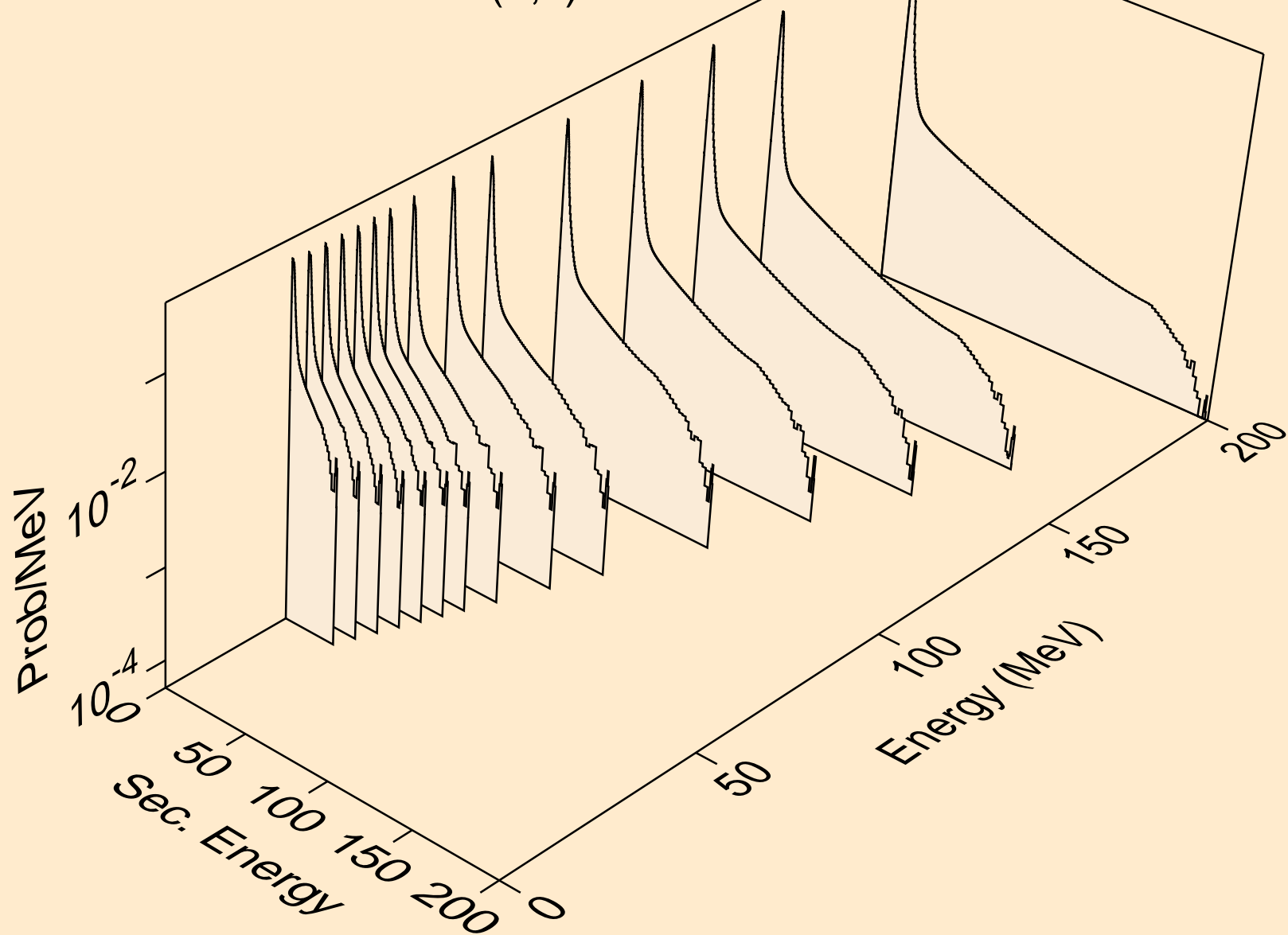
U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*27)



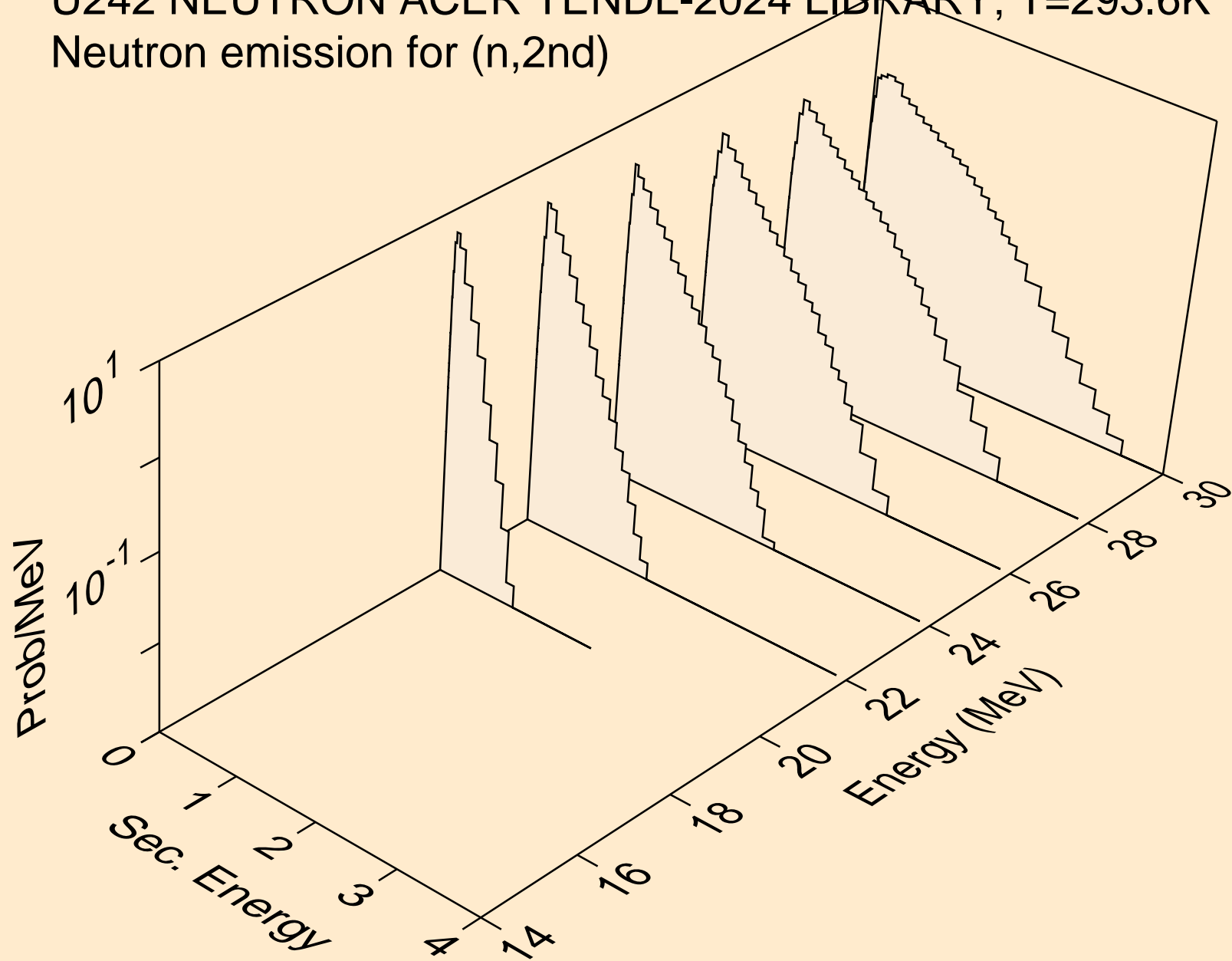
U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Total fission nubar



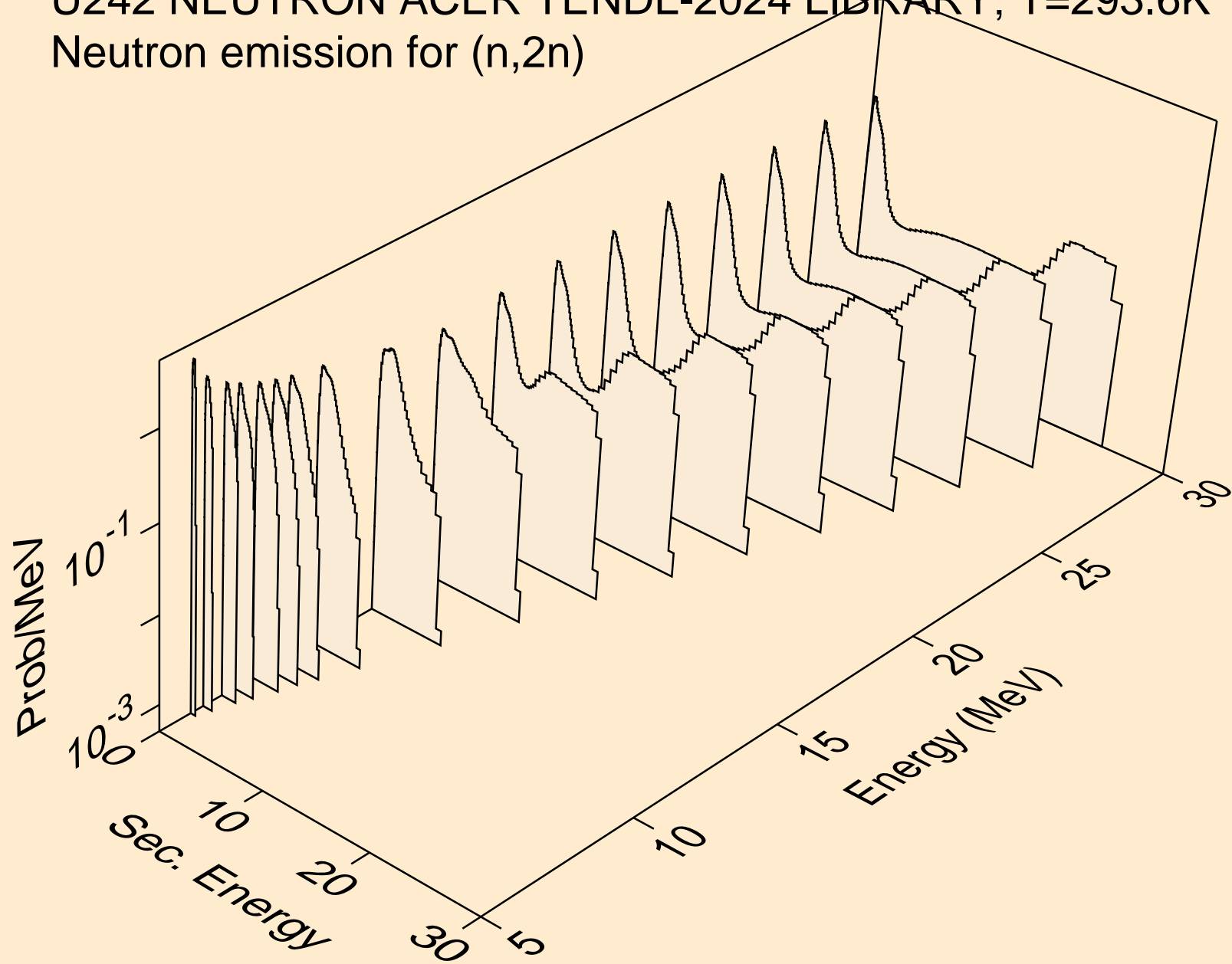
U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,x)



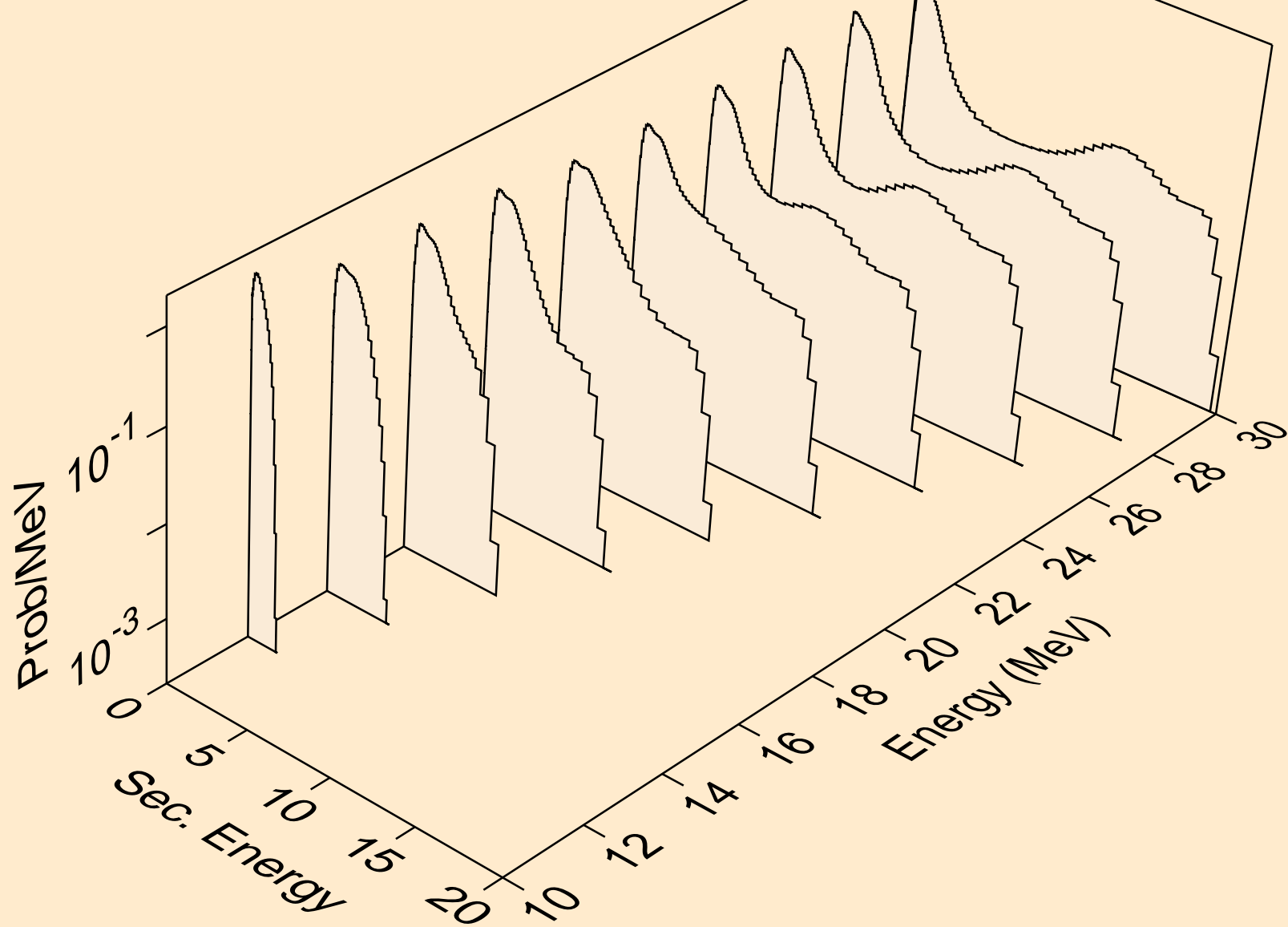
U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



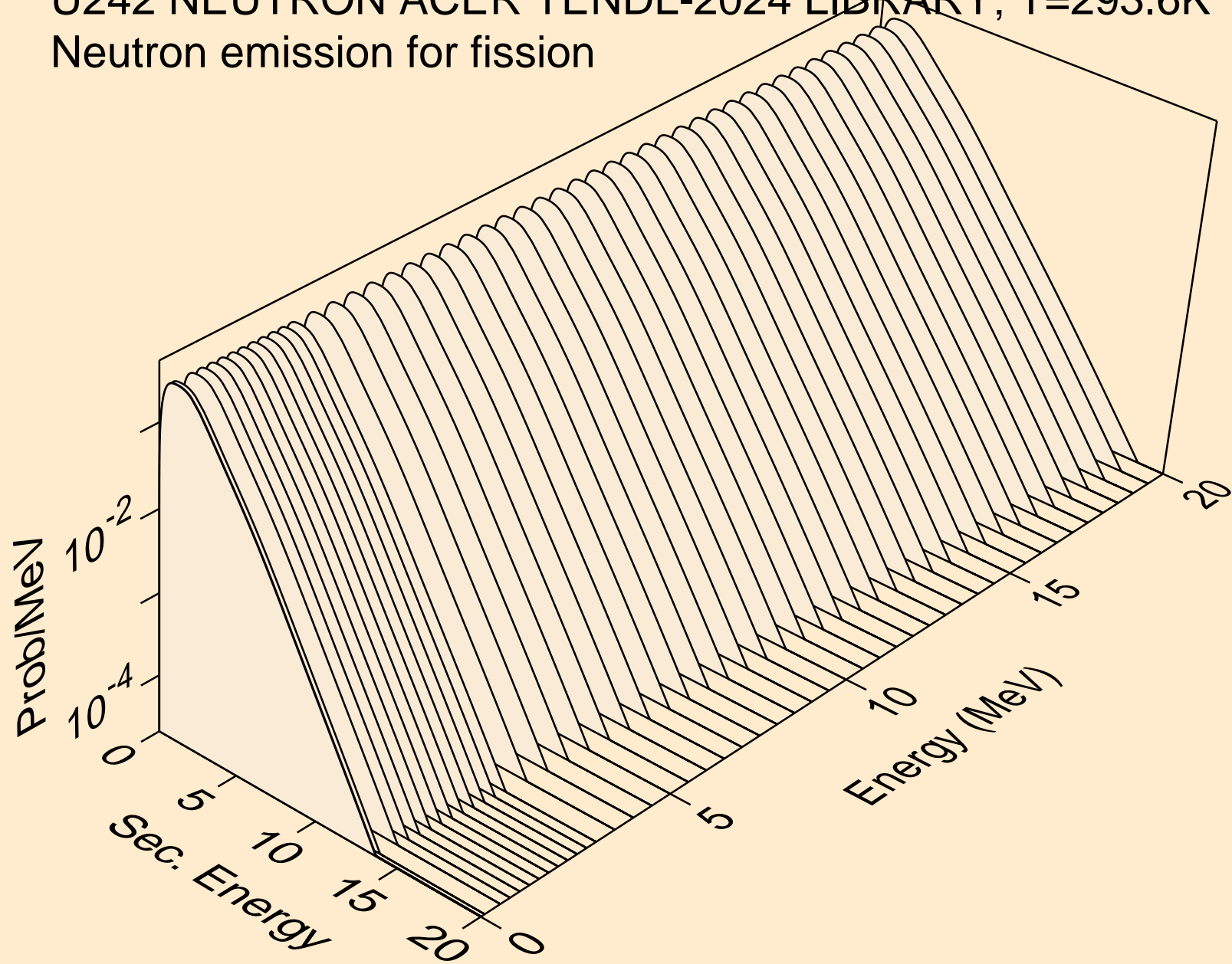
U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



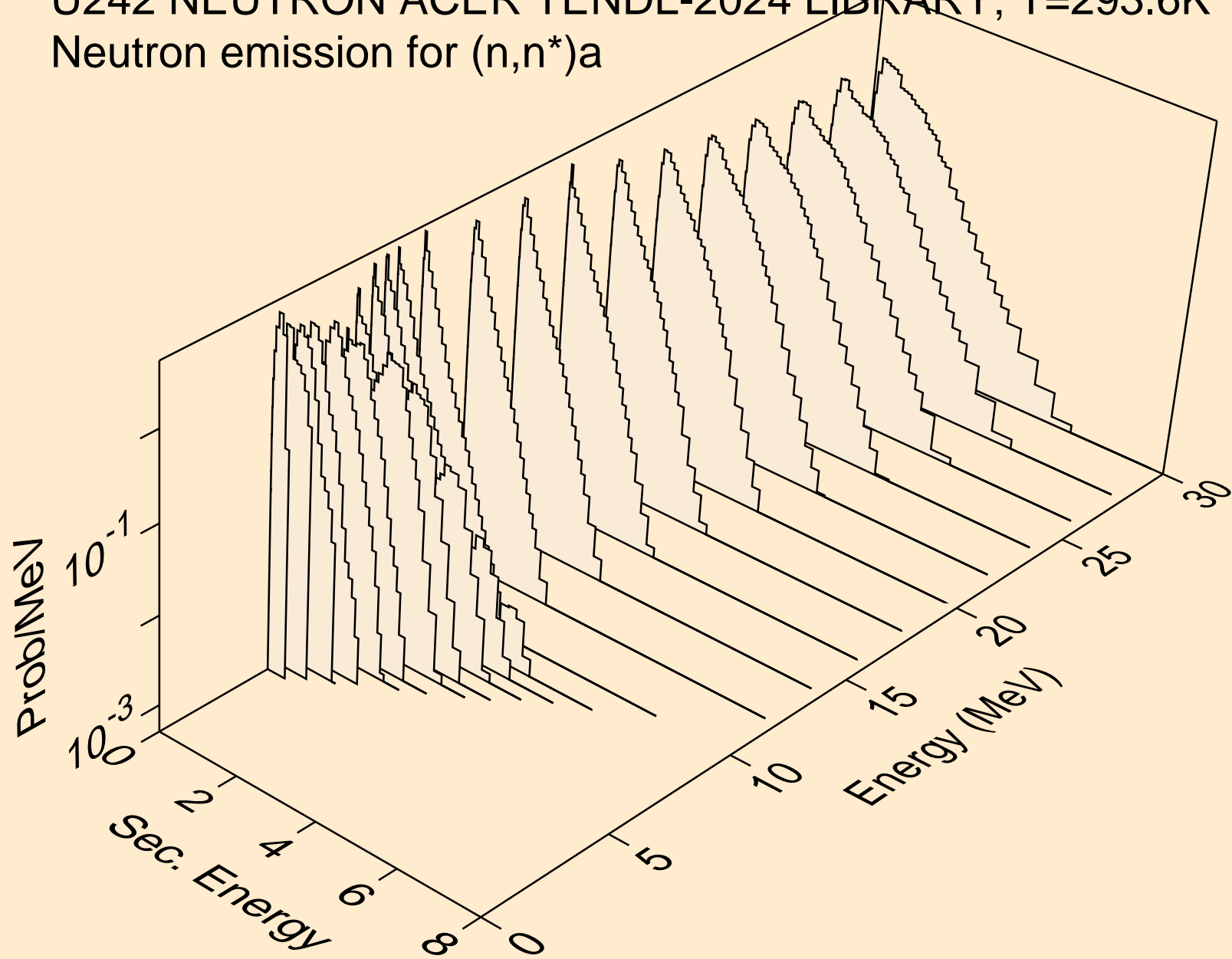
U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



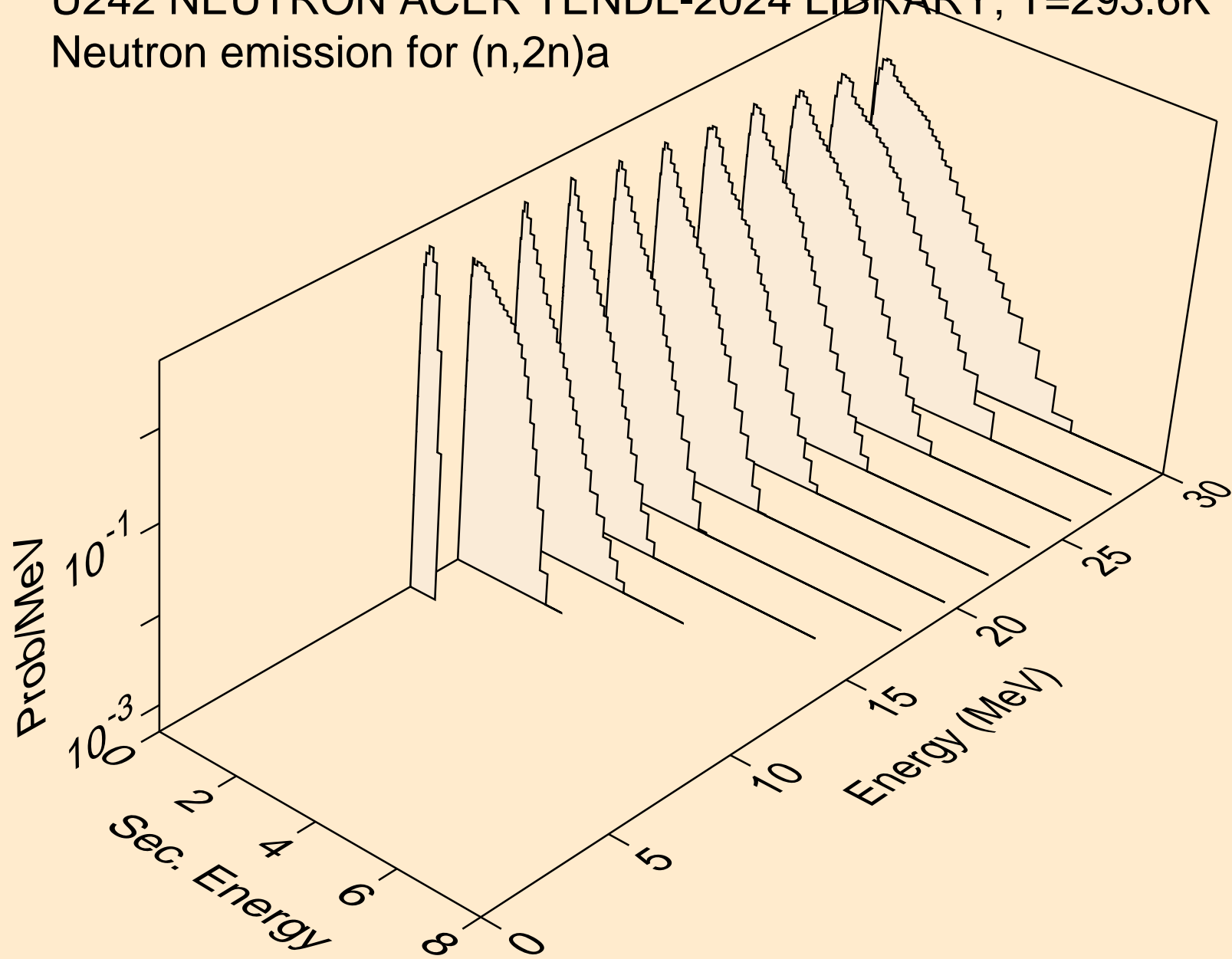
U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for fission



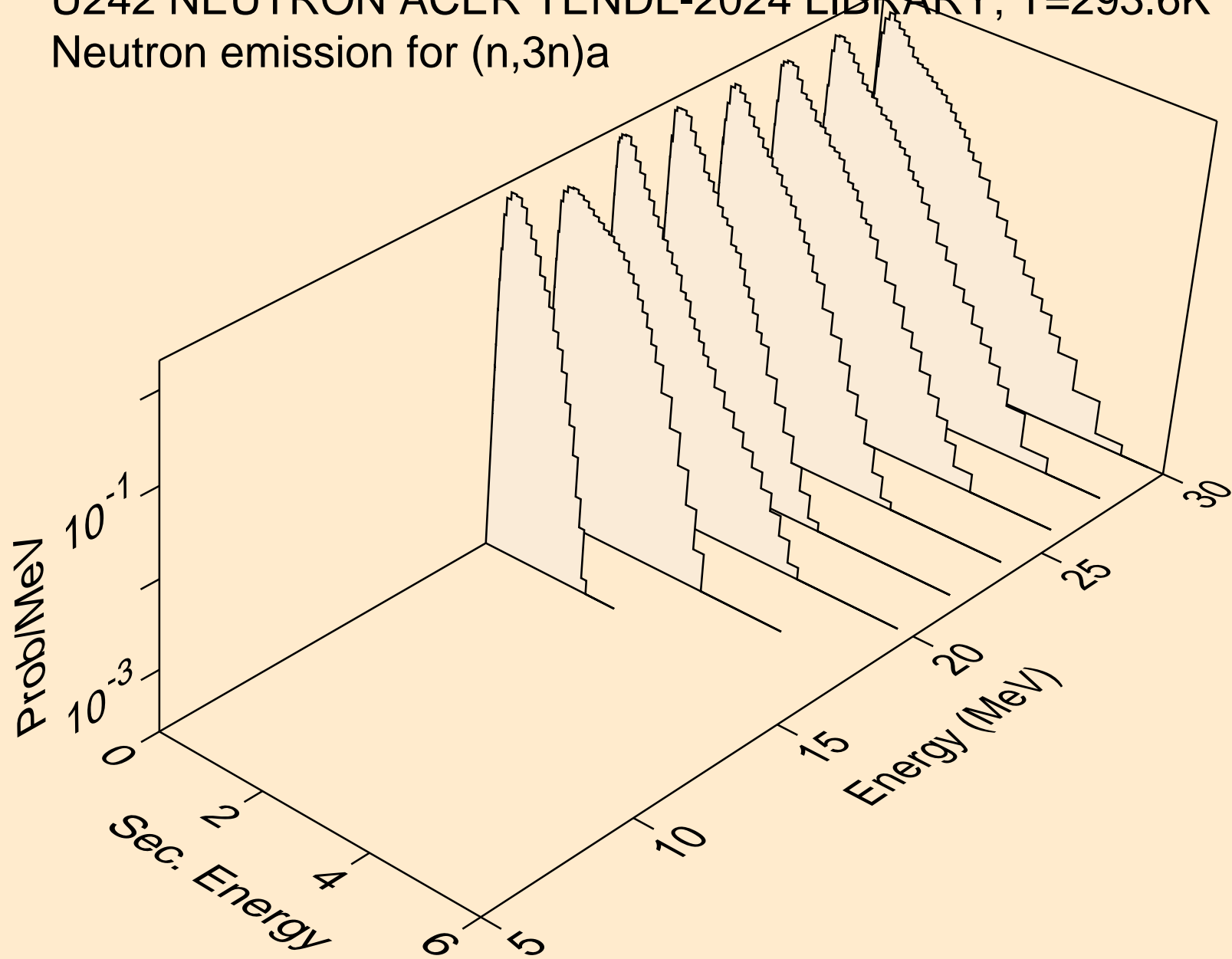
U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



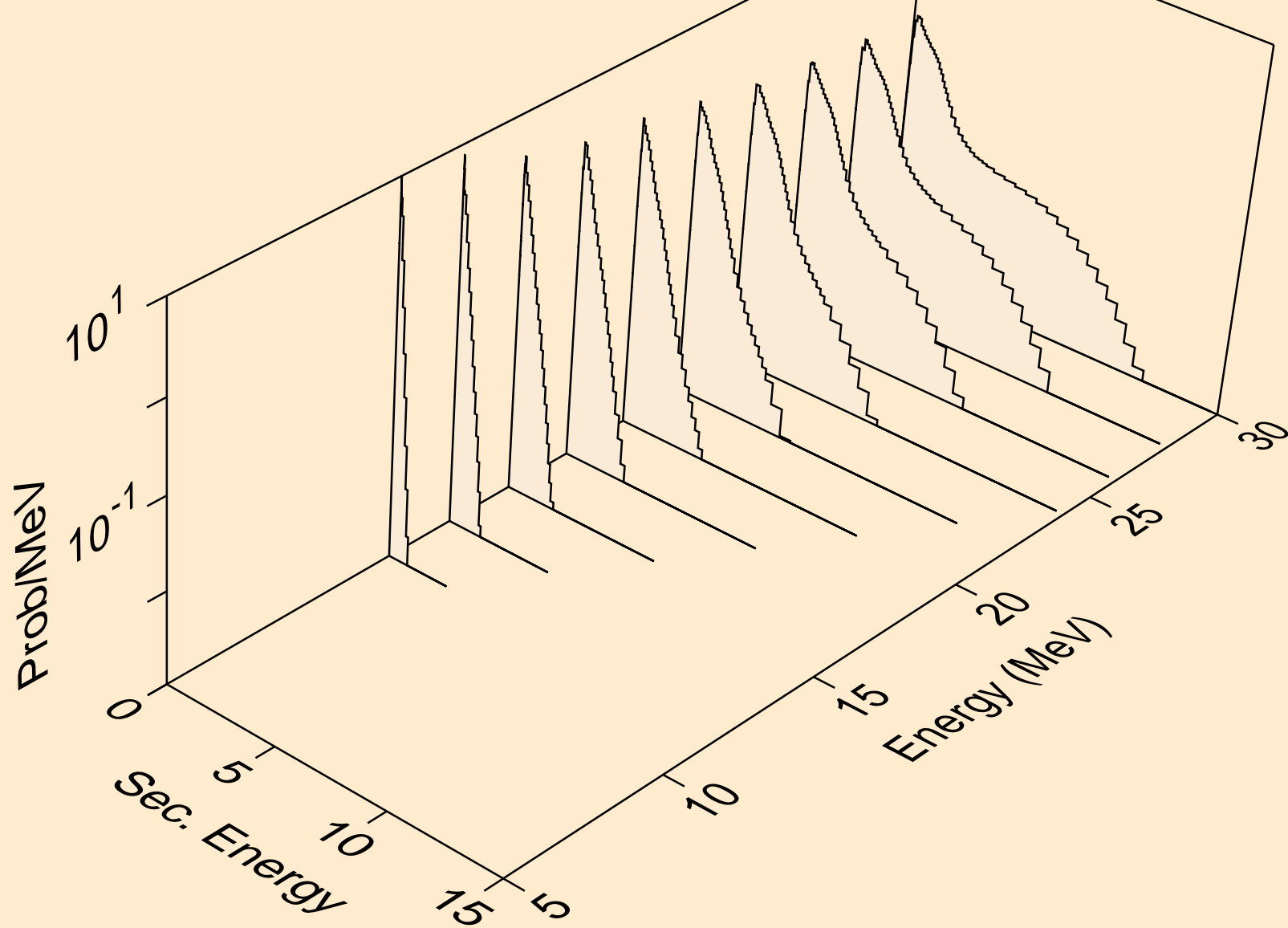
U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2n)a



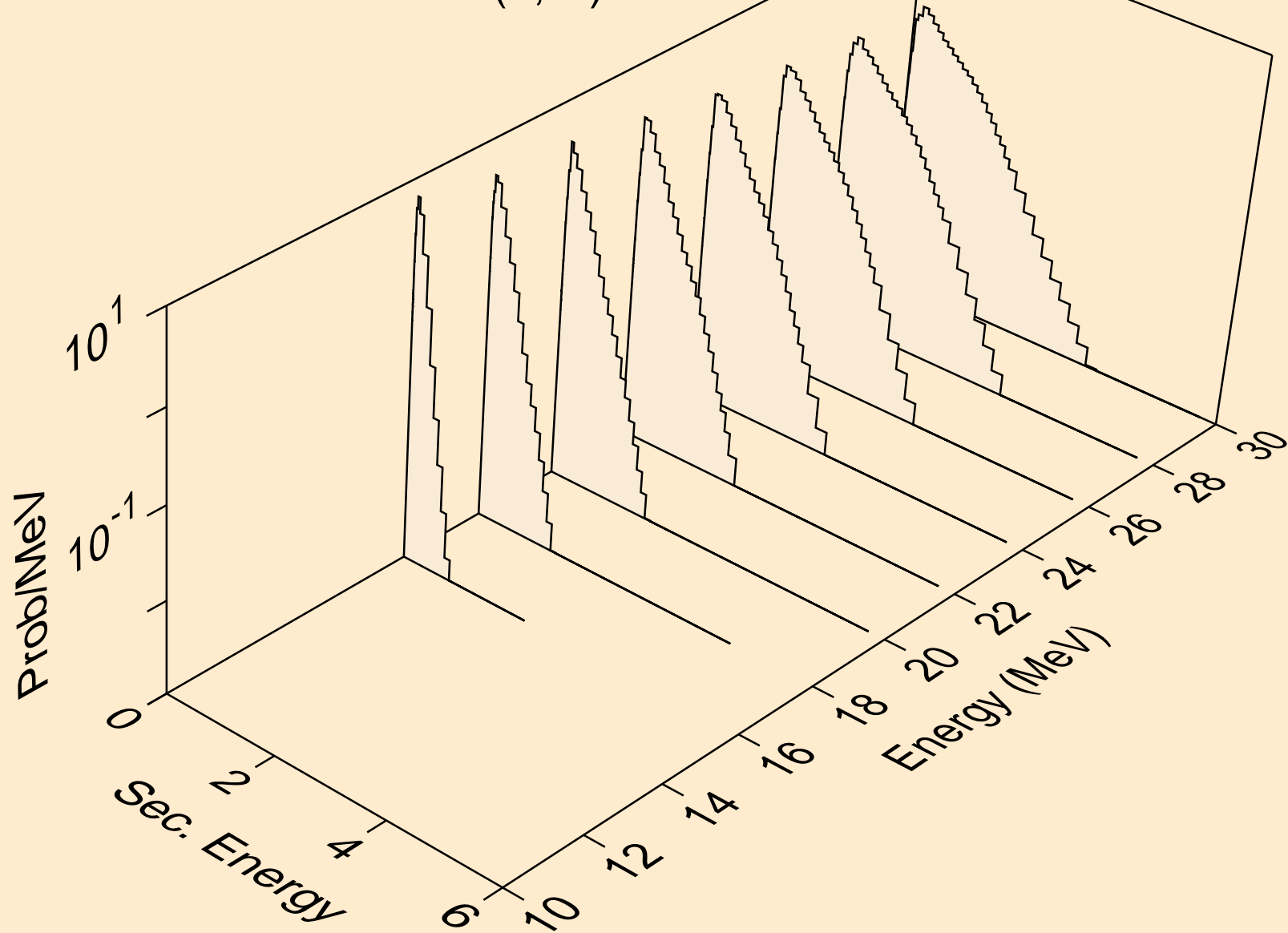
U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,3n)a



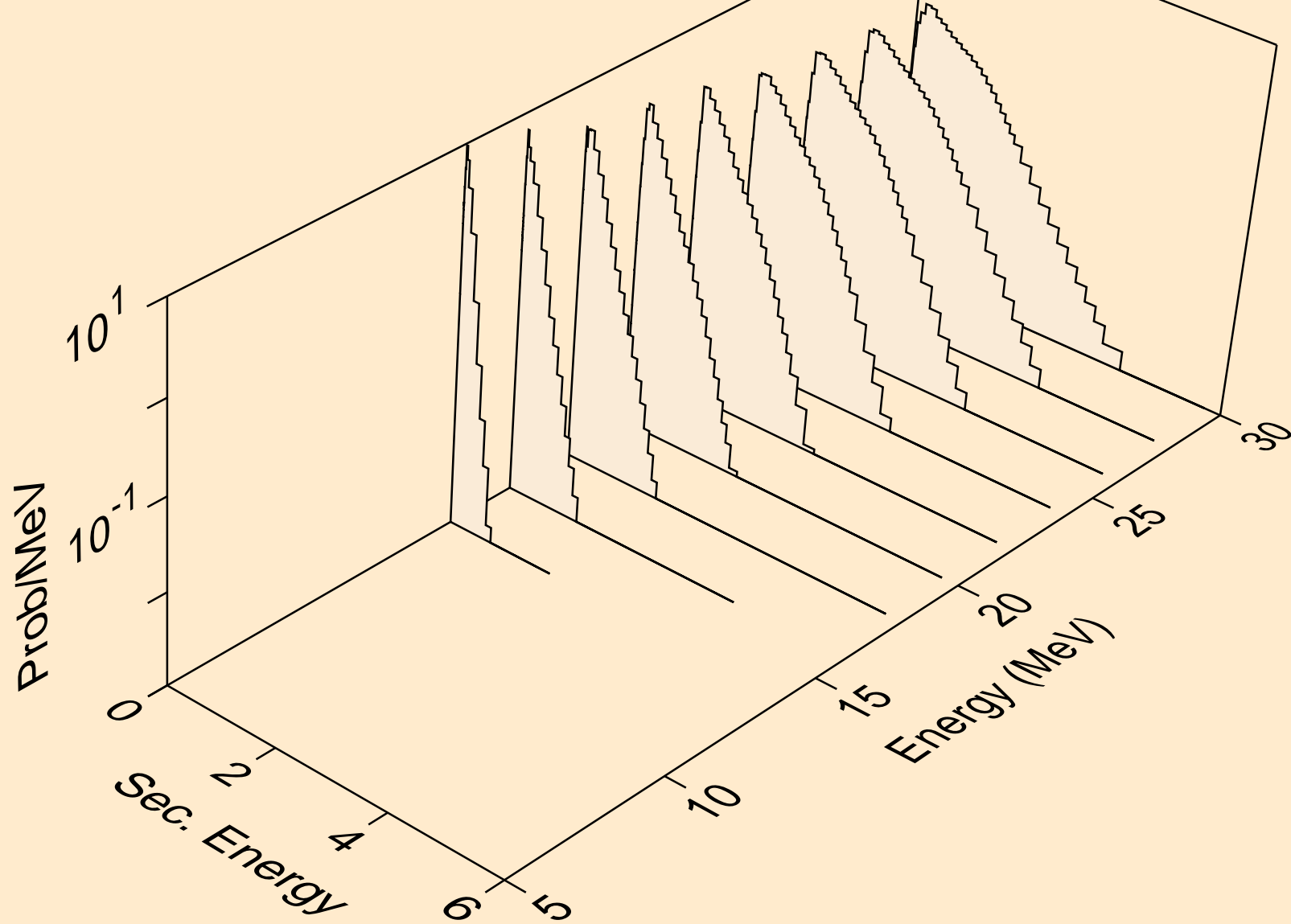
U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



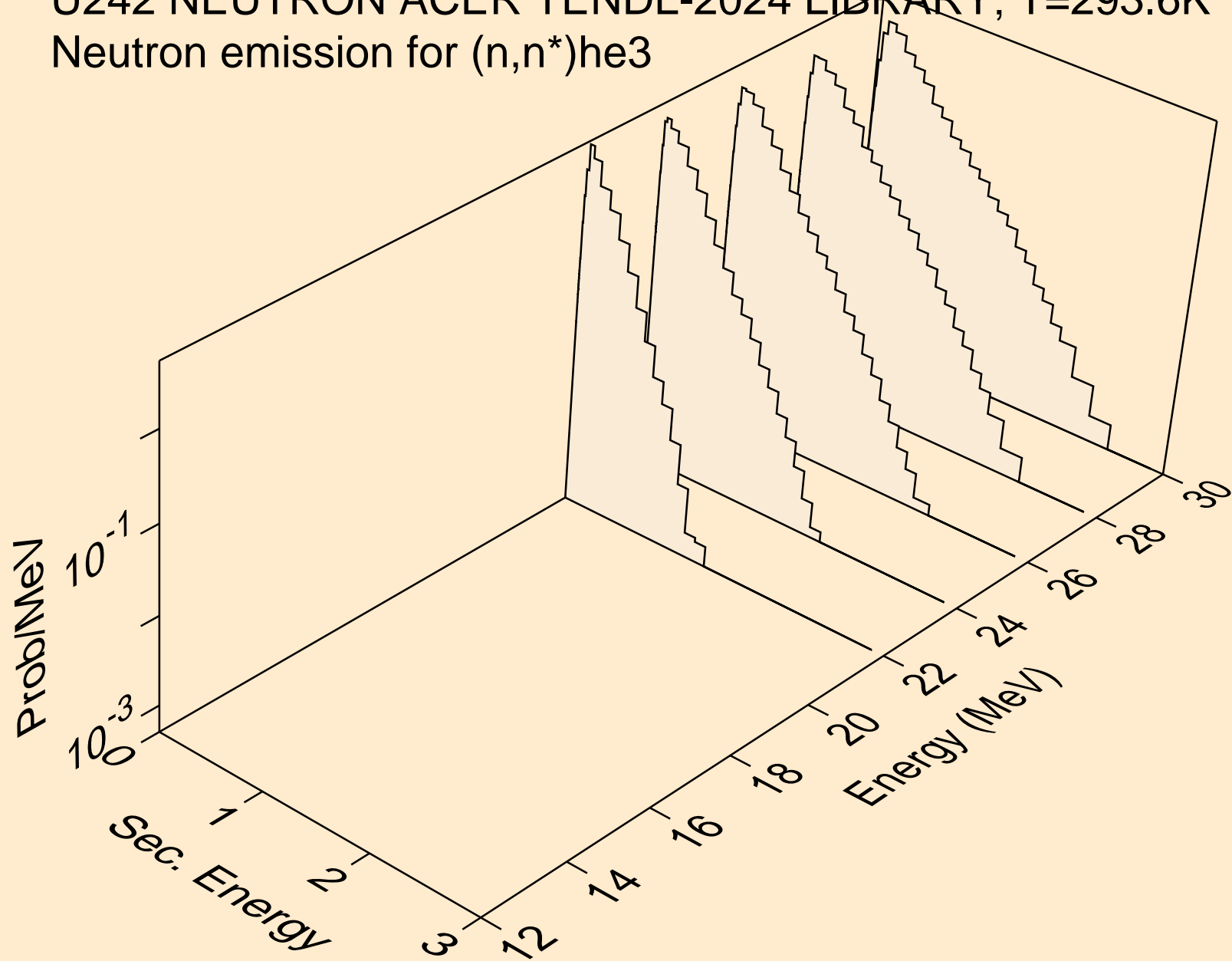
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Neutron emission for (n,n\*)d



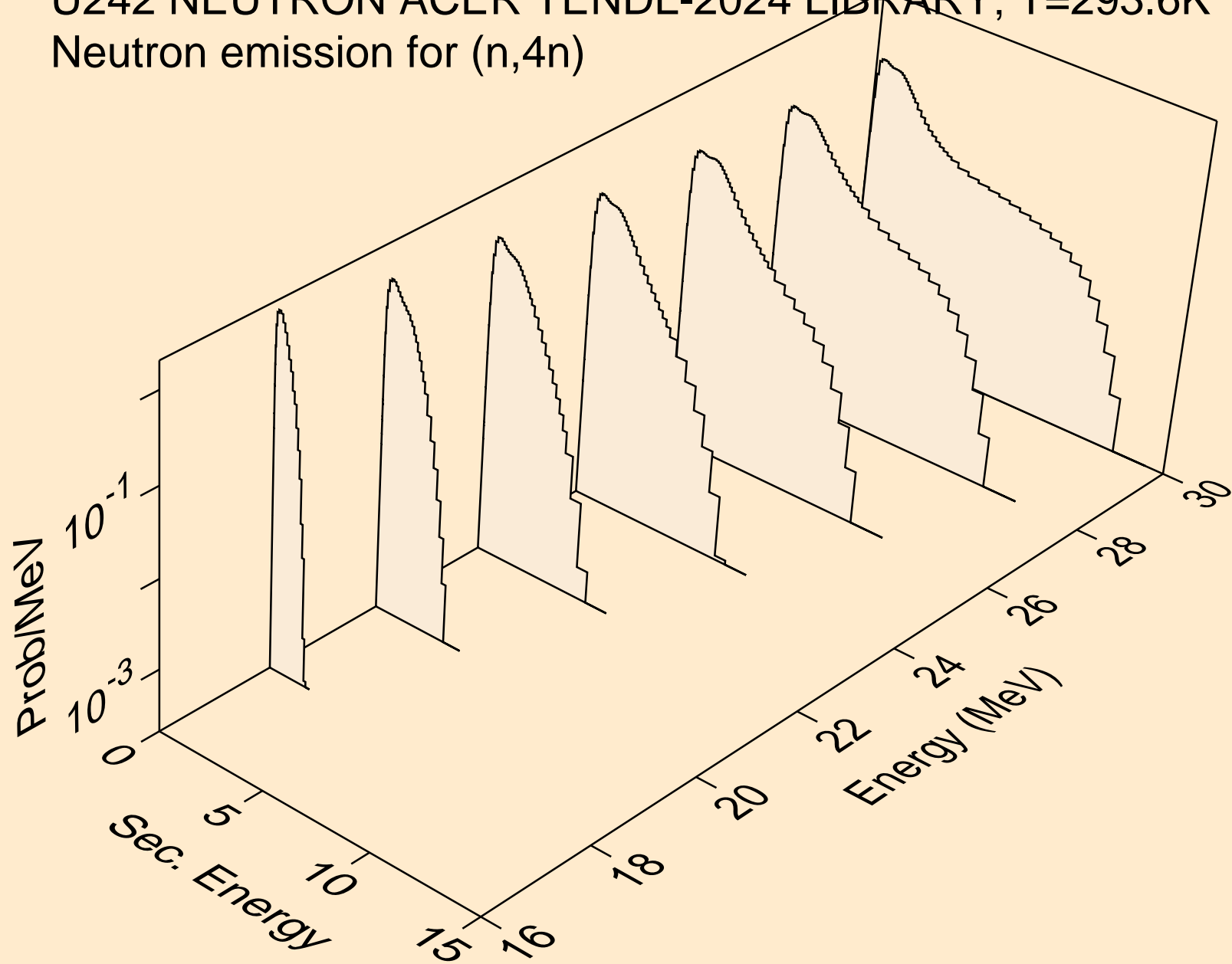
U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



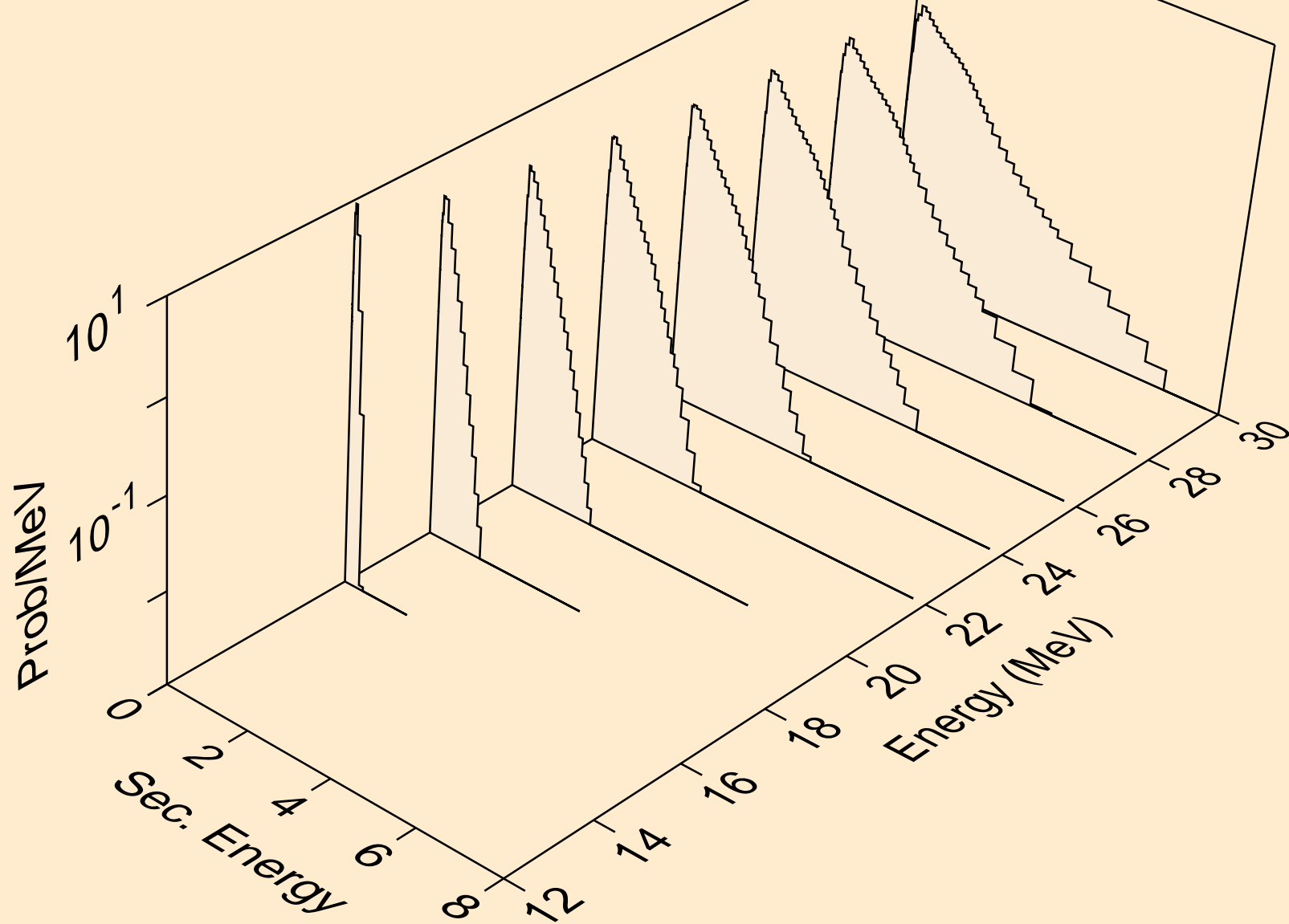
U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



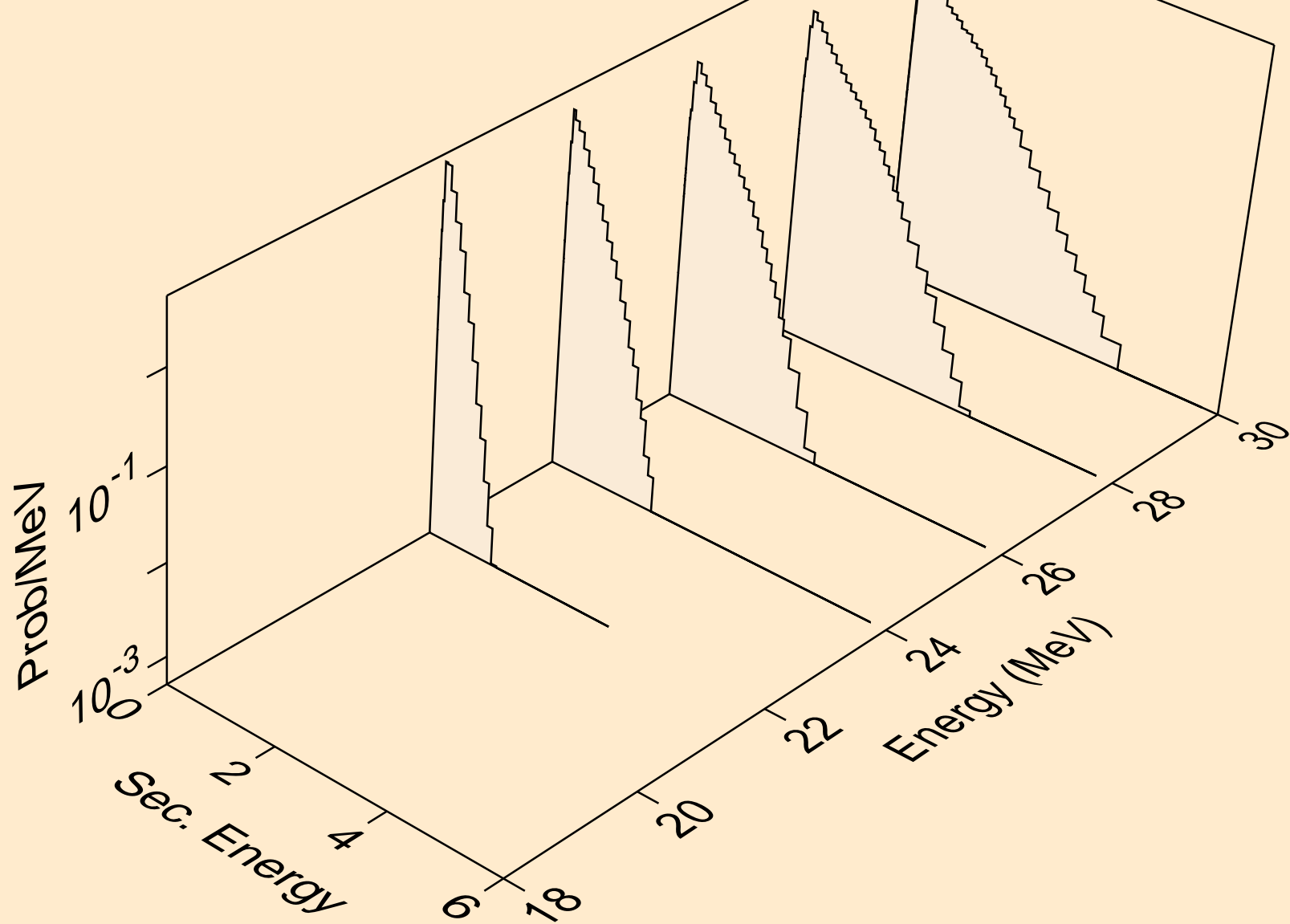
U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,4n)



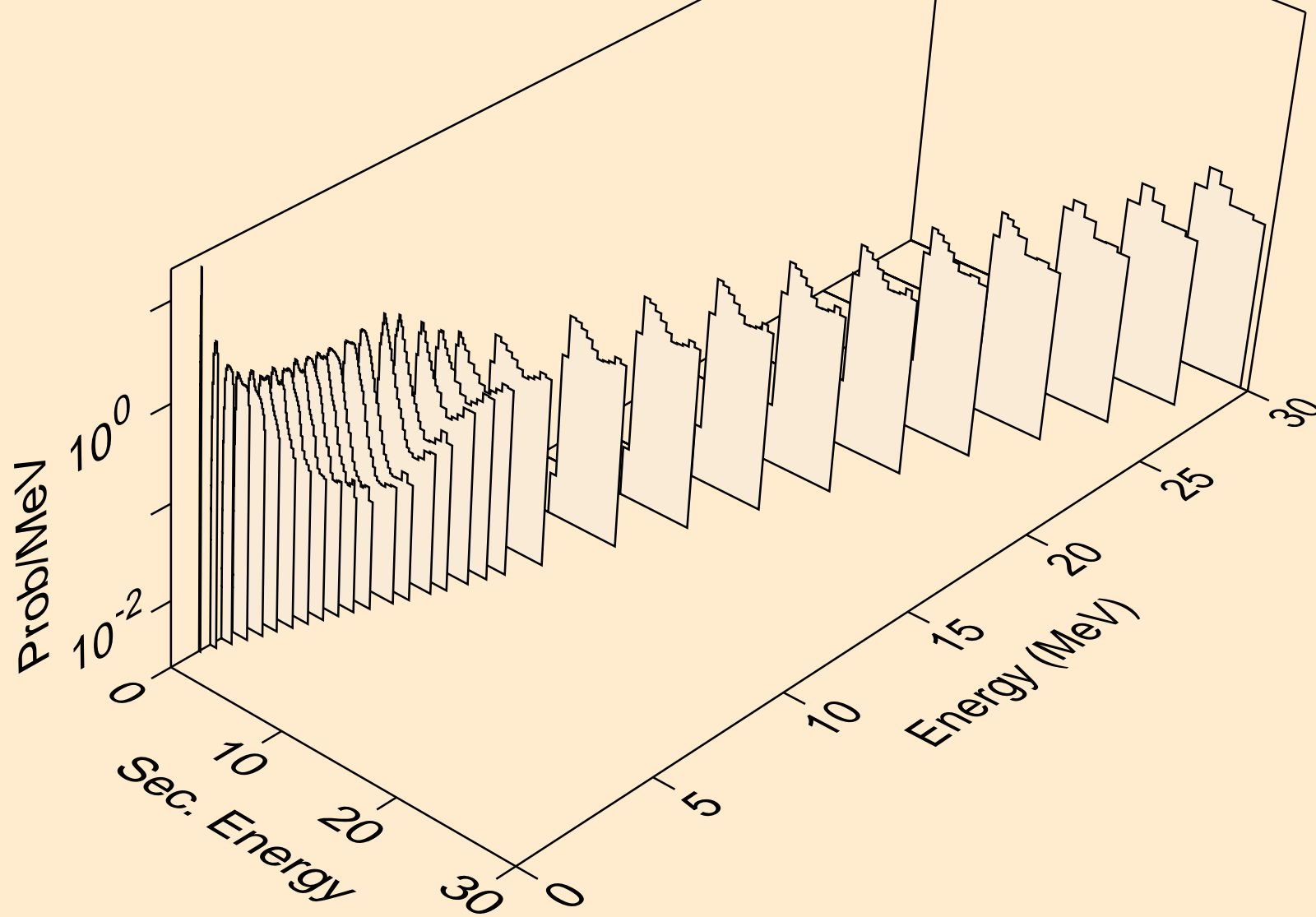
U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,3np)

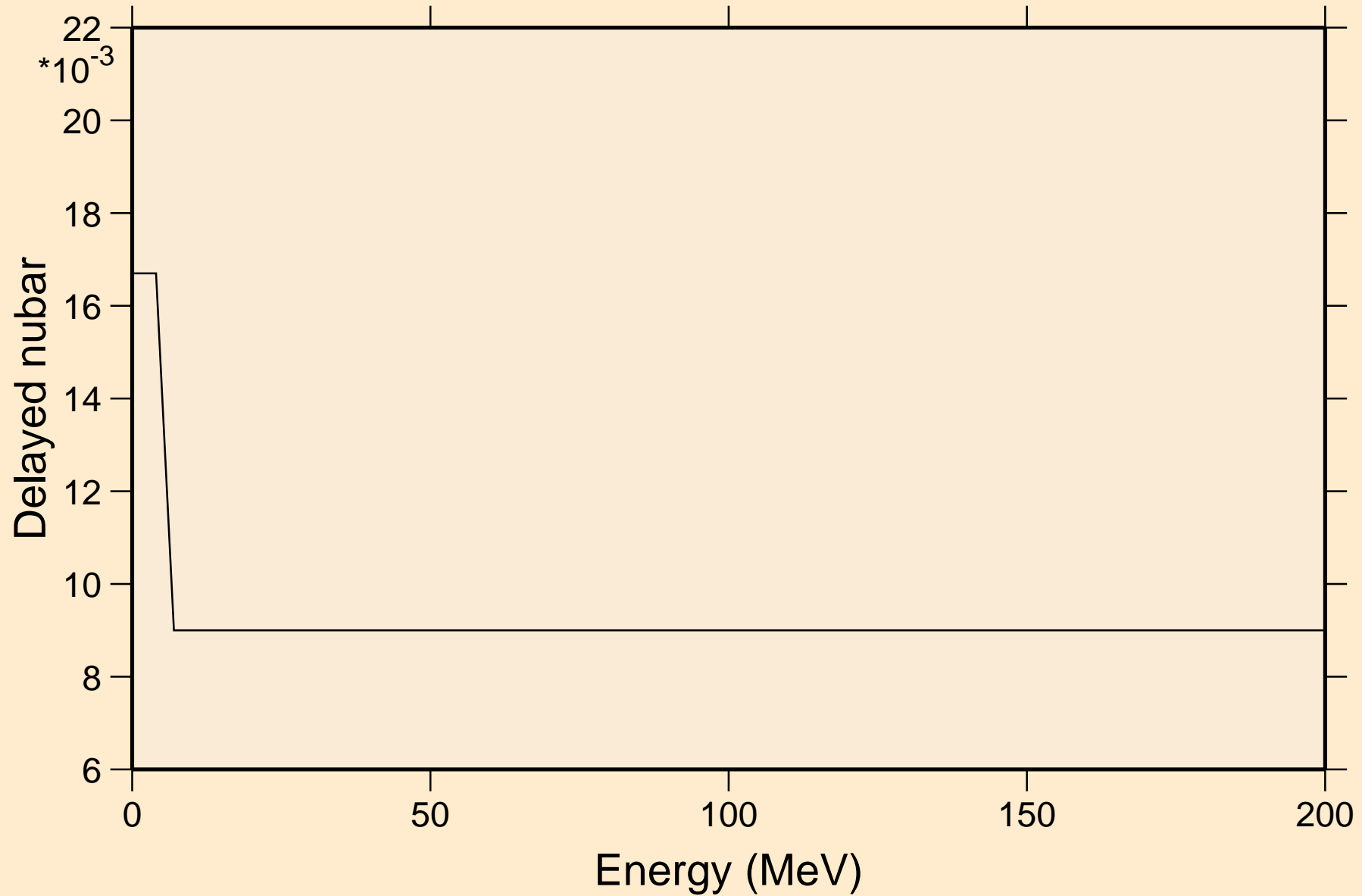


U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



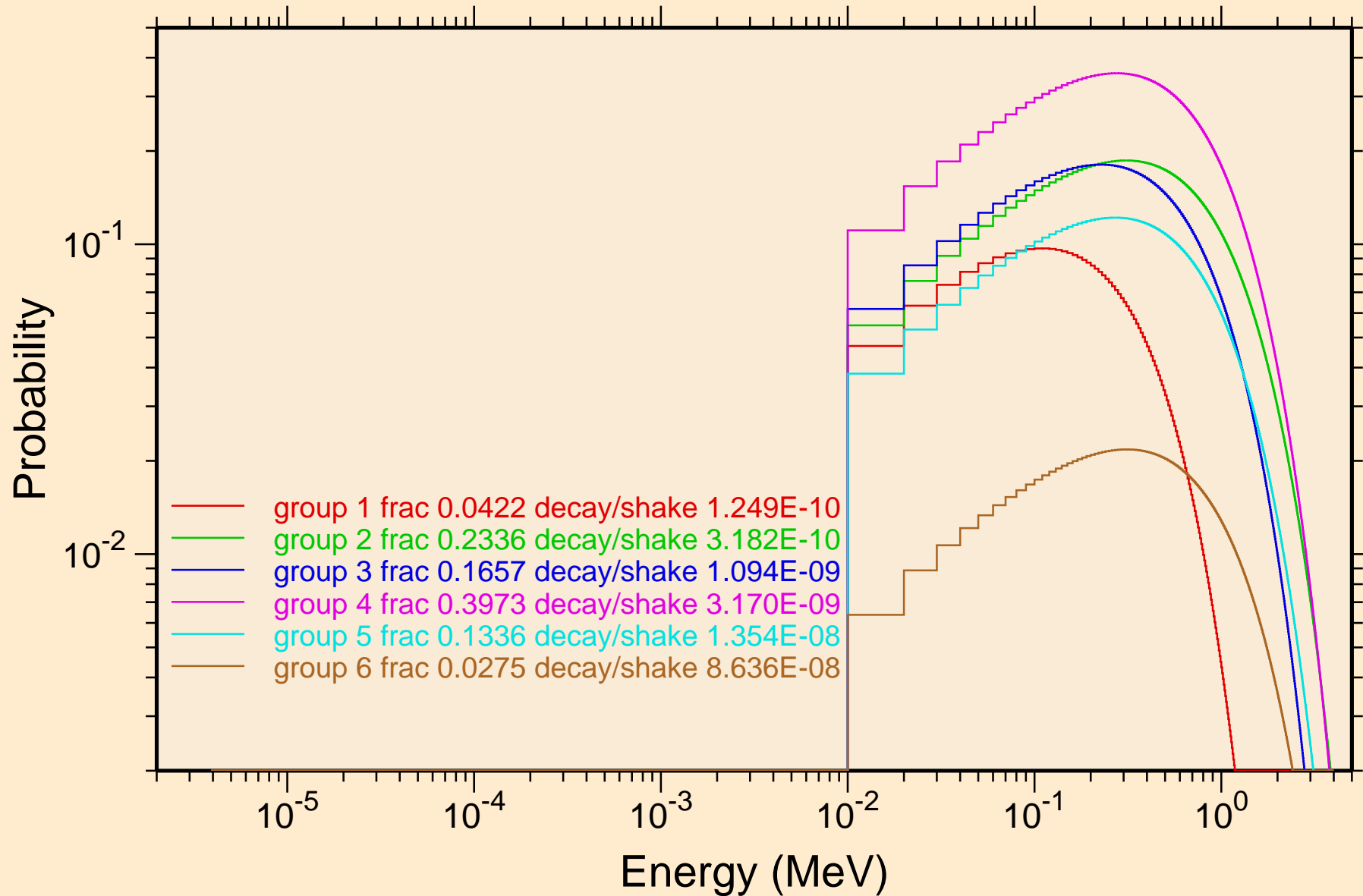
# U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Delayed nubar

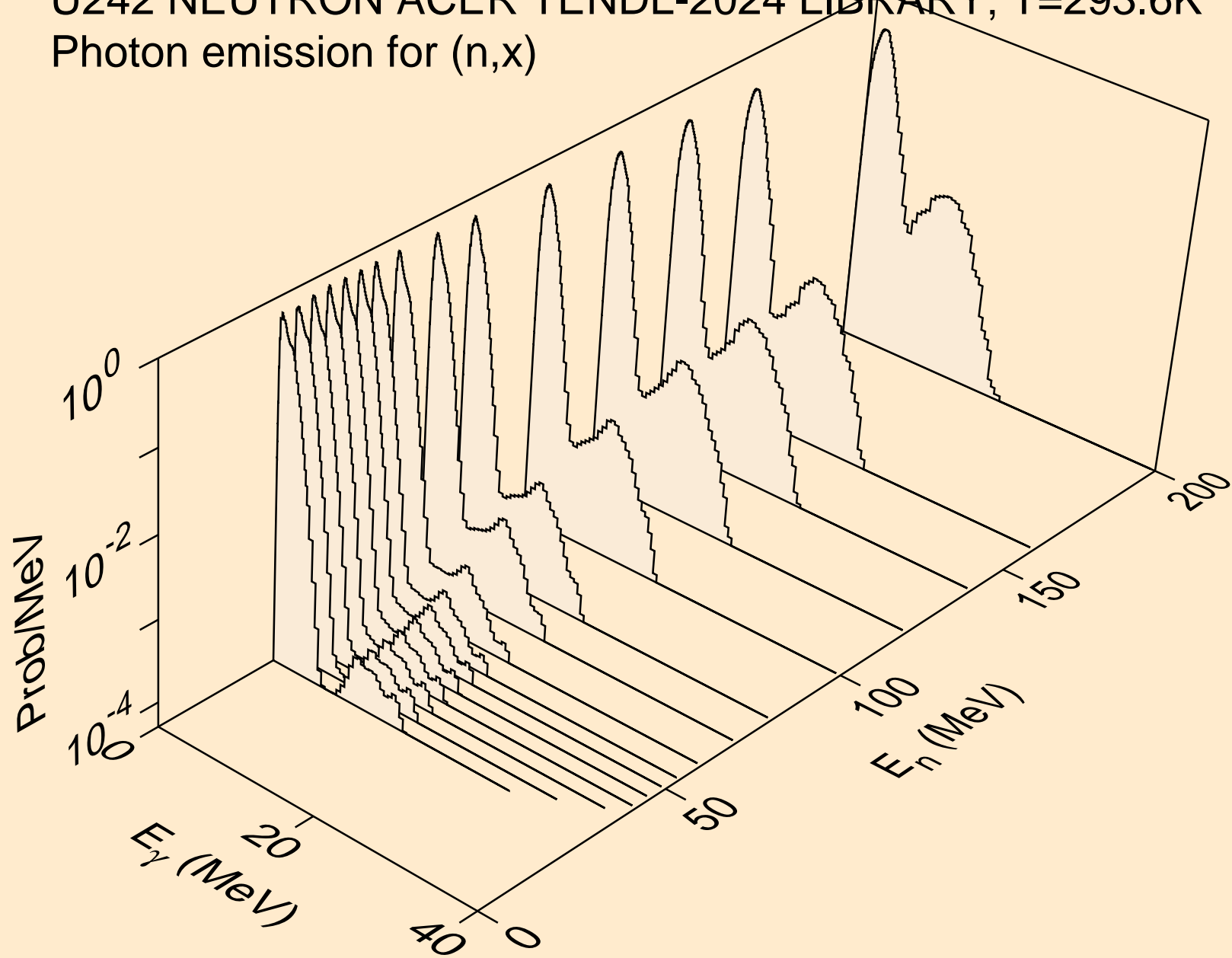


# U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

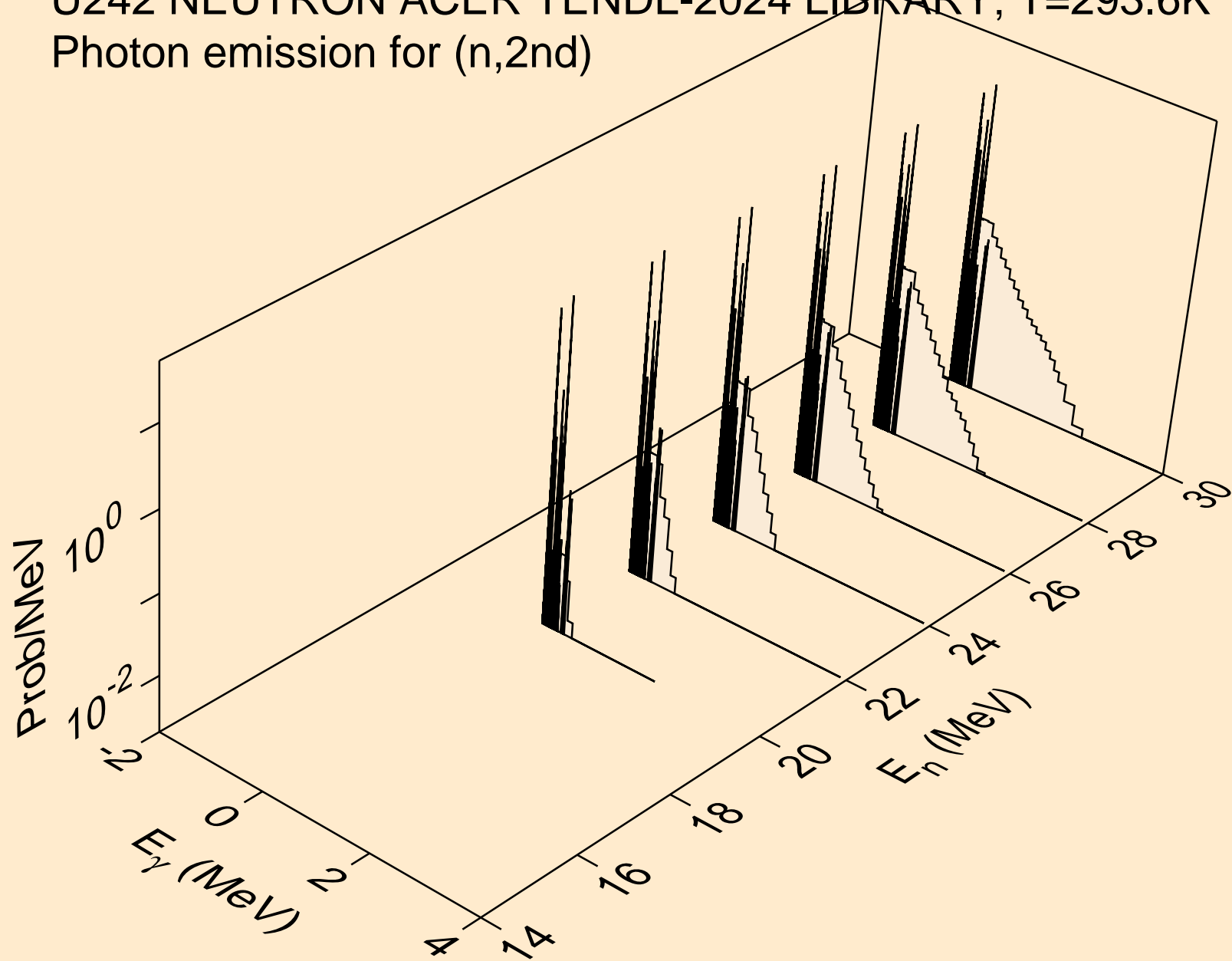
## Delayed neutron spectra



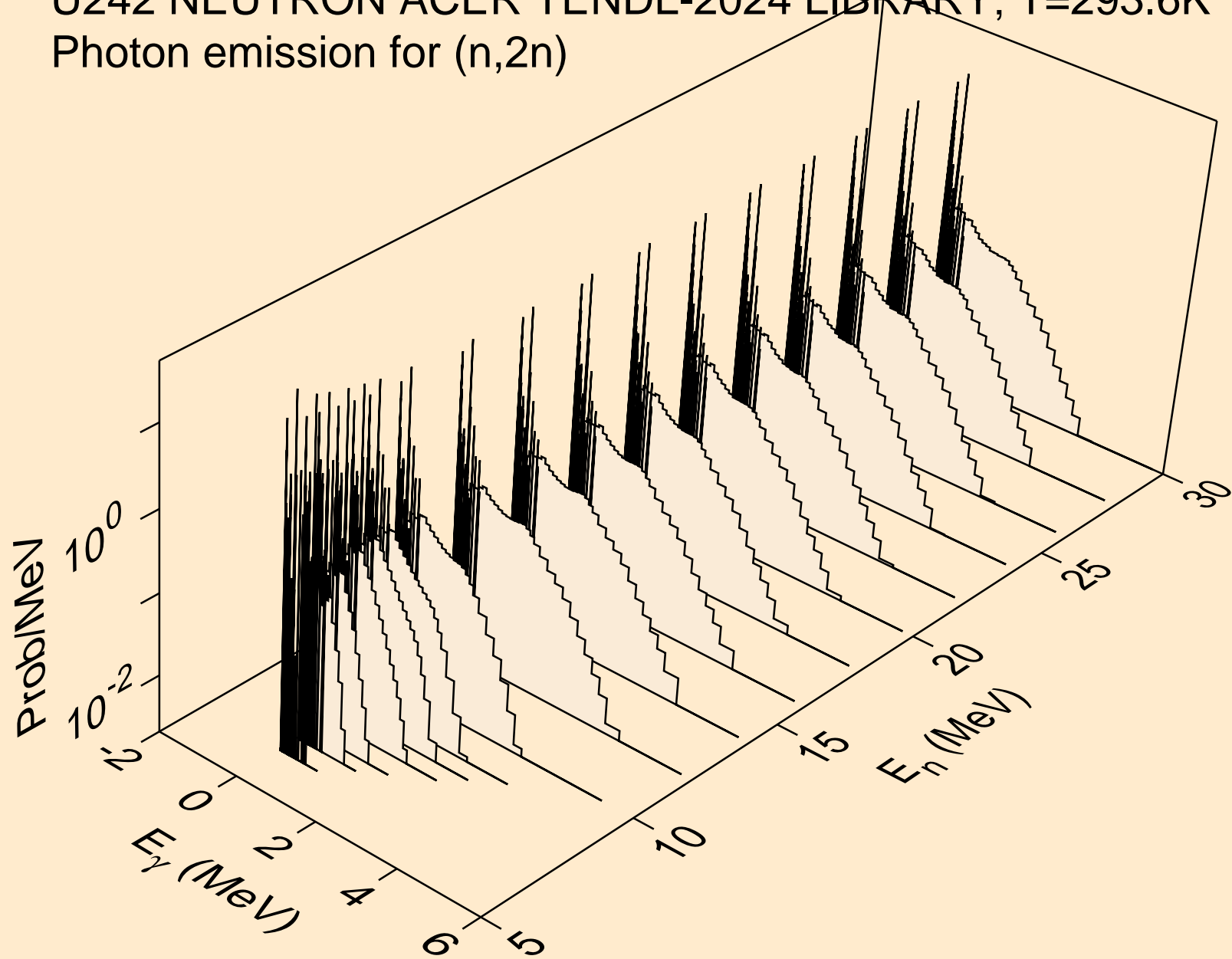
U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,x)



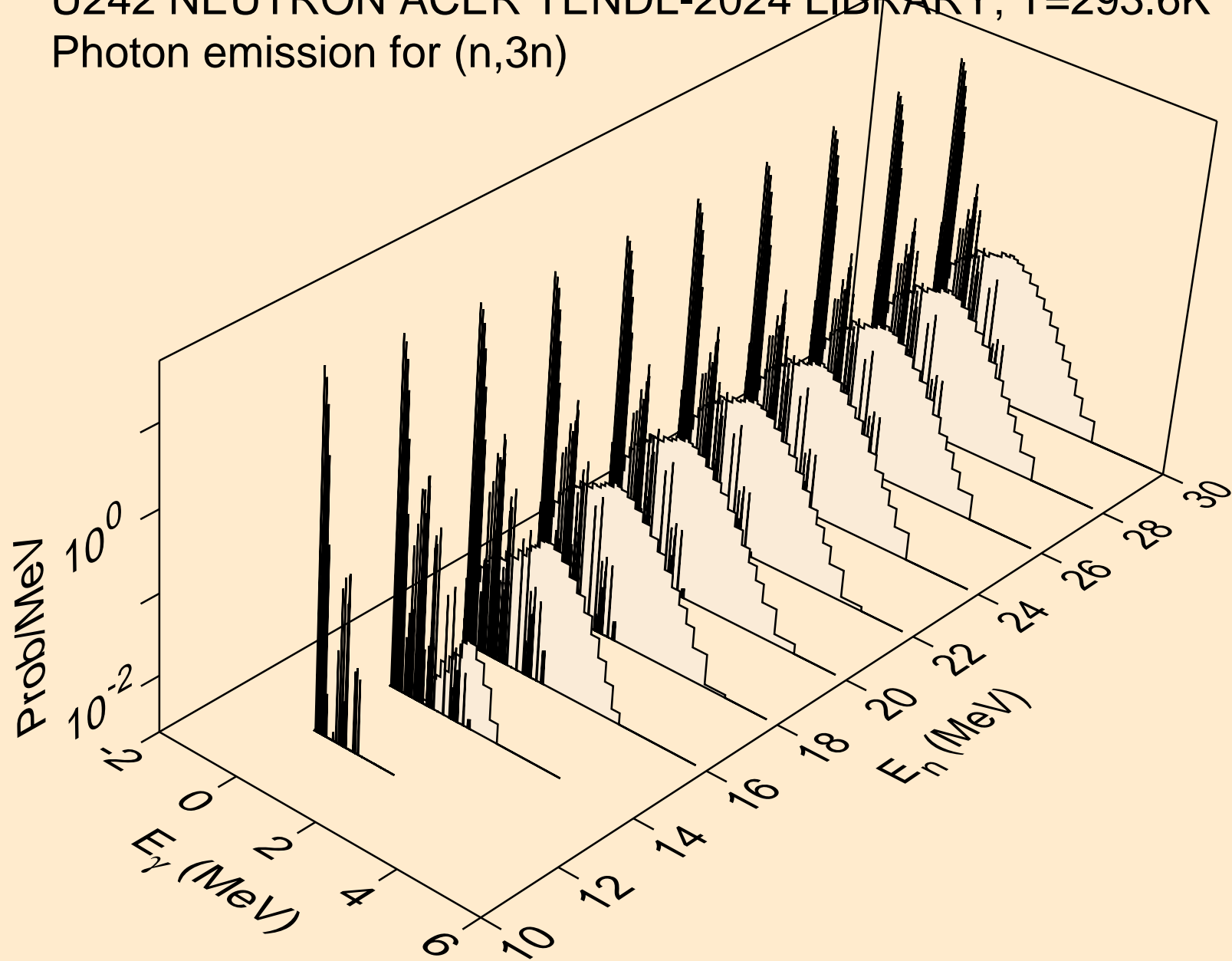
U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2nd)



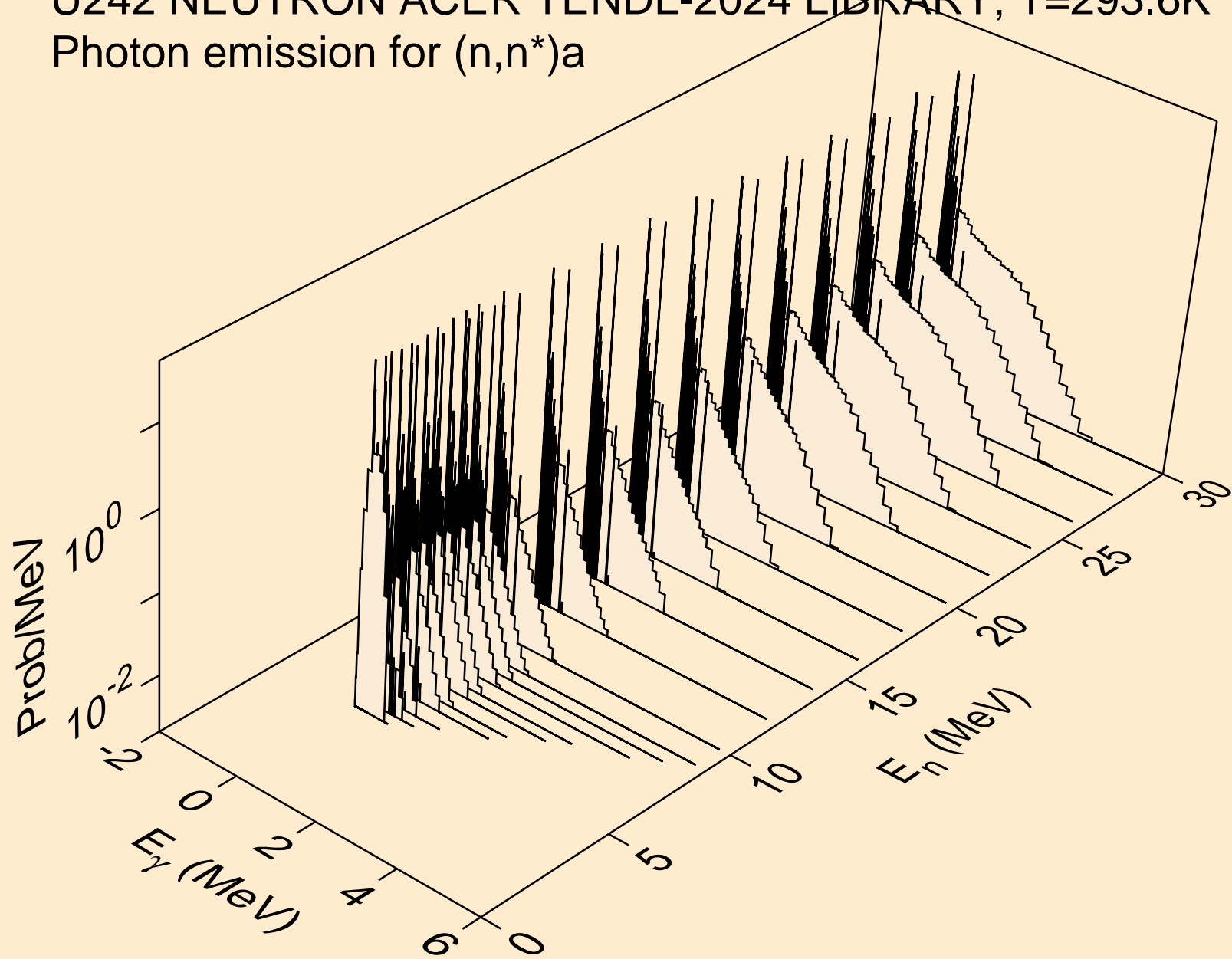
U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2n)



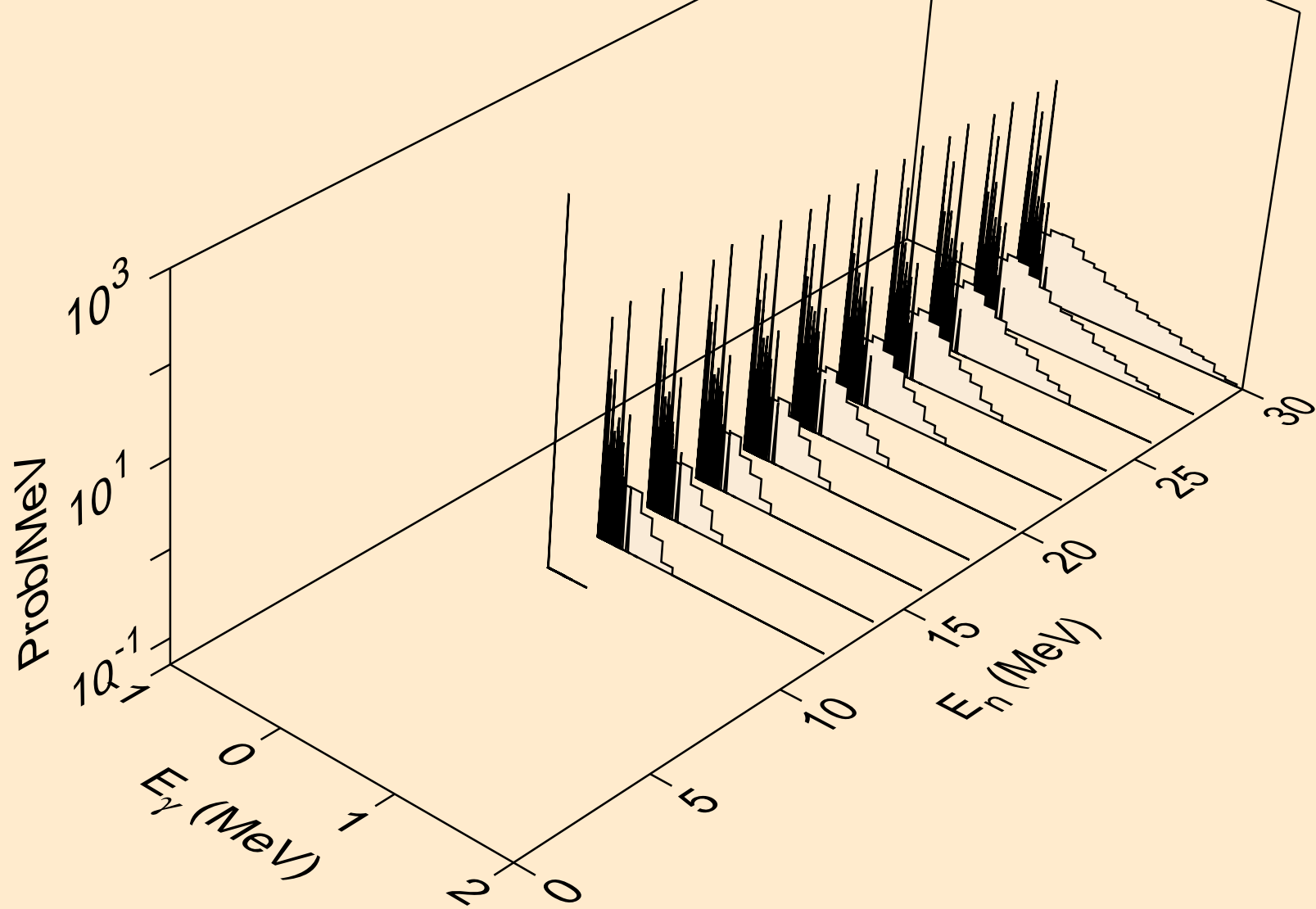
U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3n)



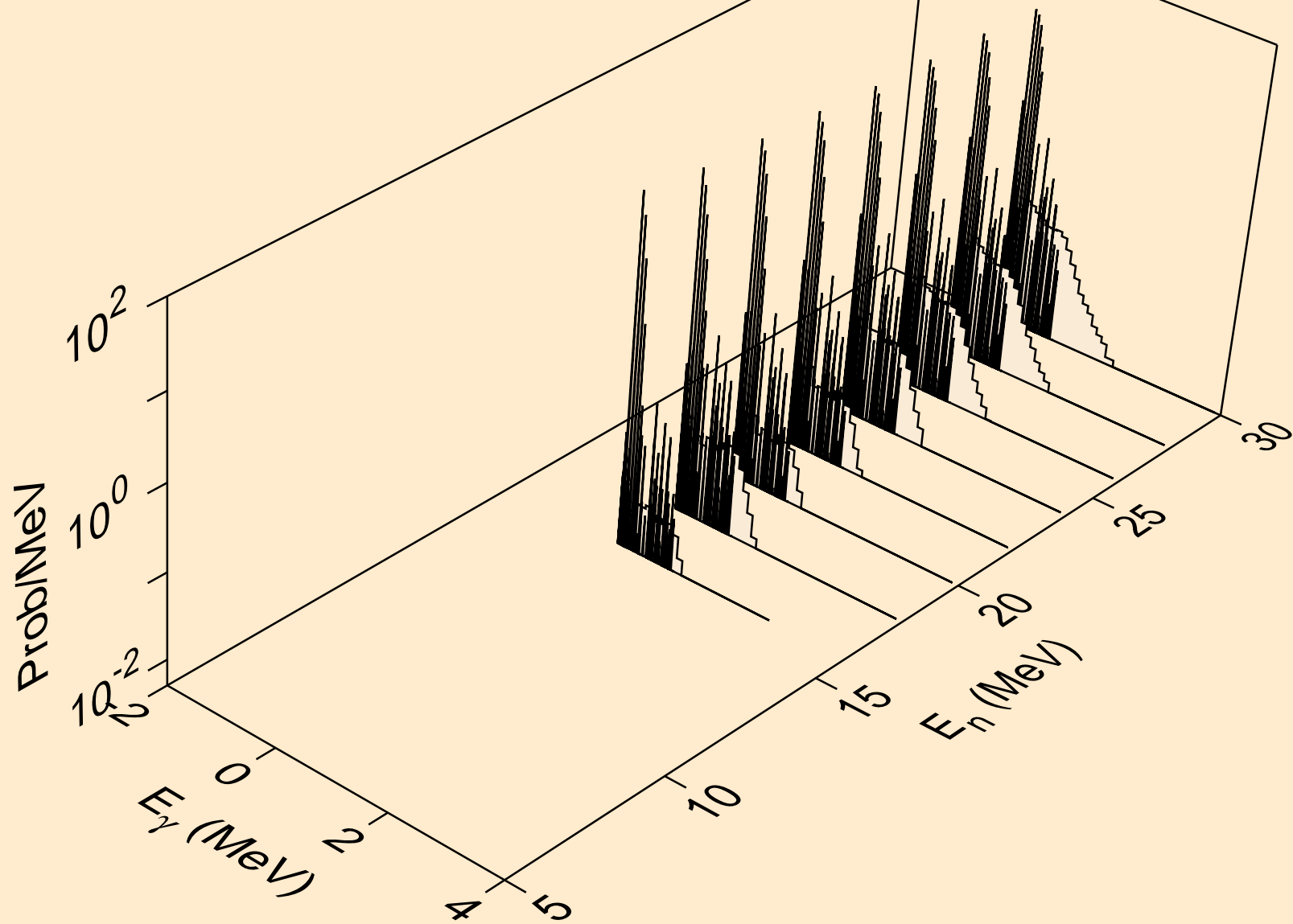
U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a



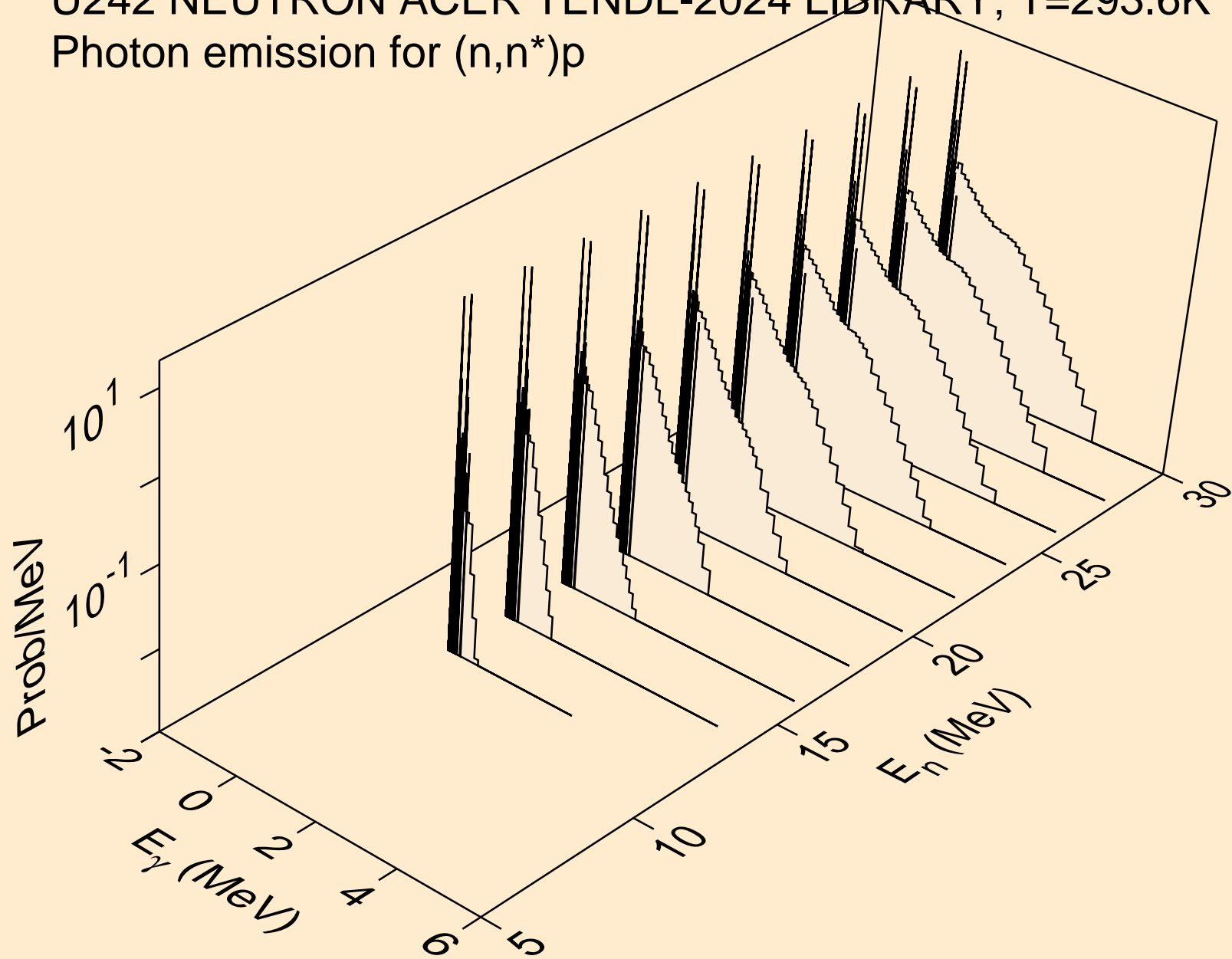
U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2n)a



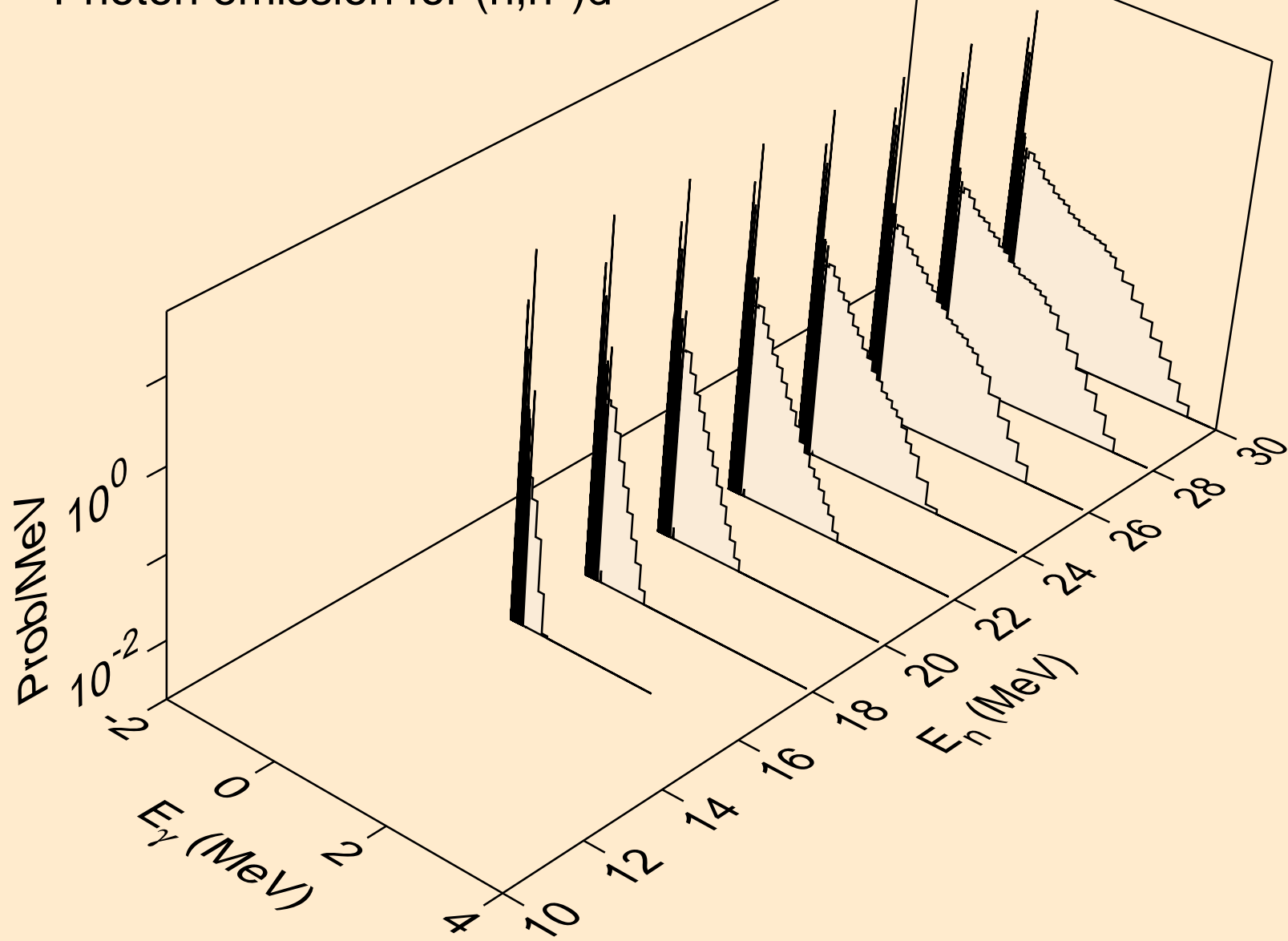
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Photon emission for (n,3n)a



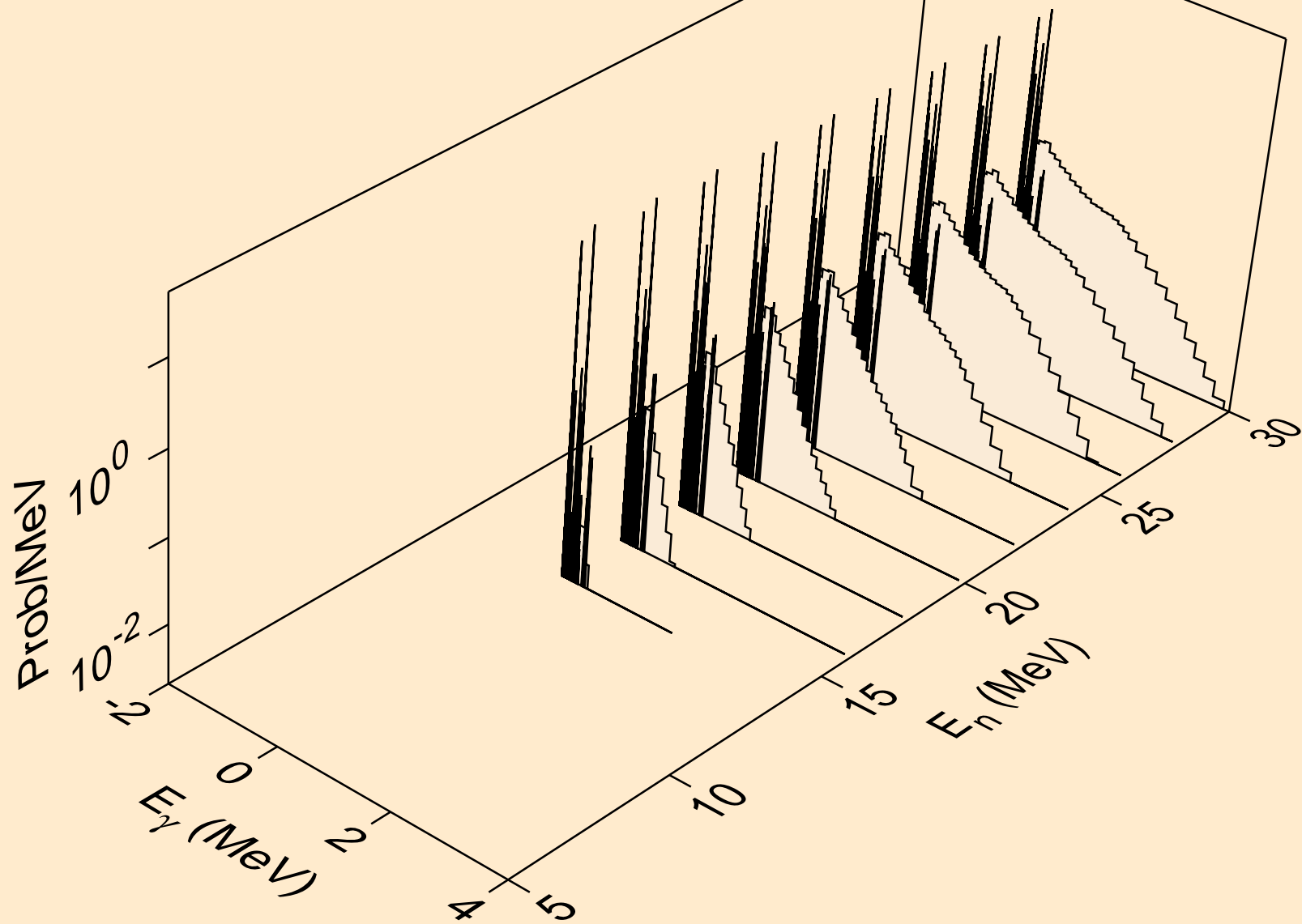
U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



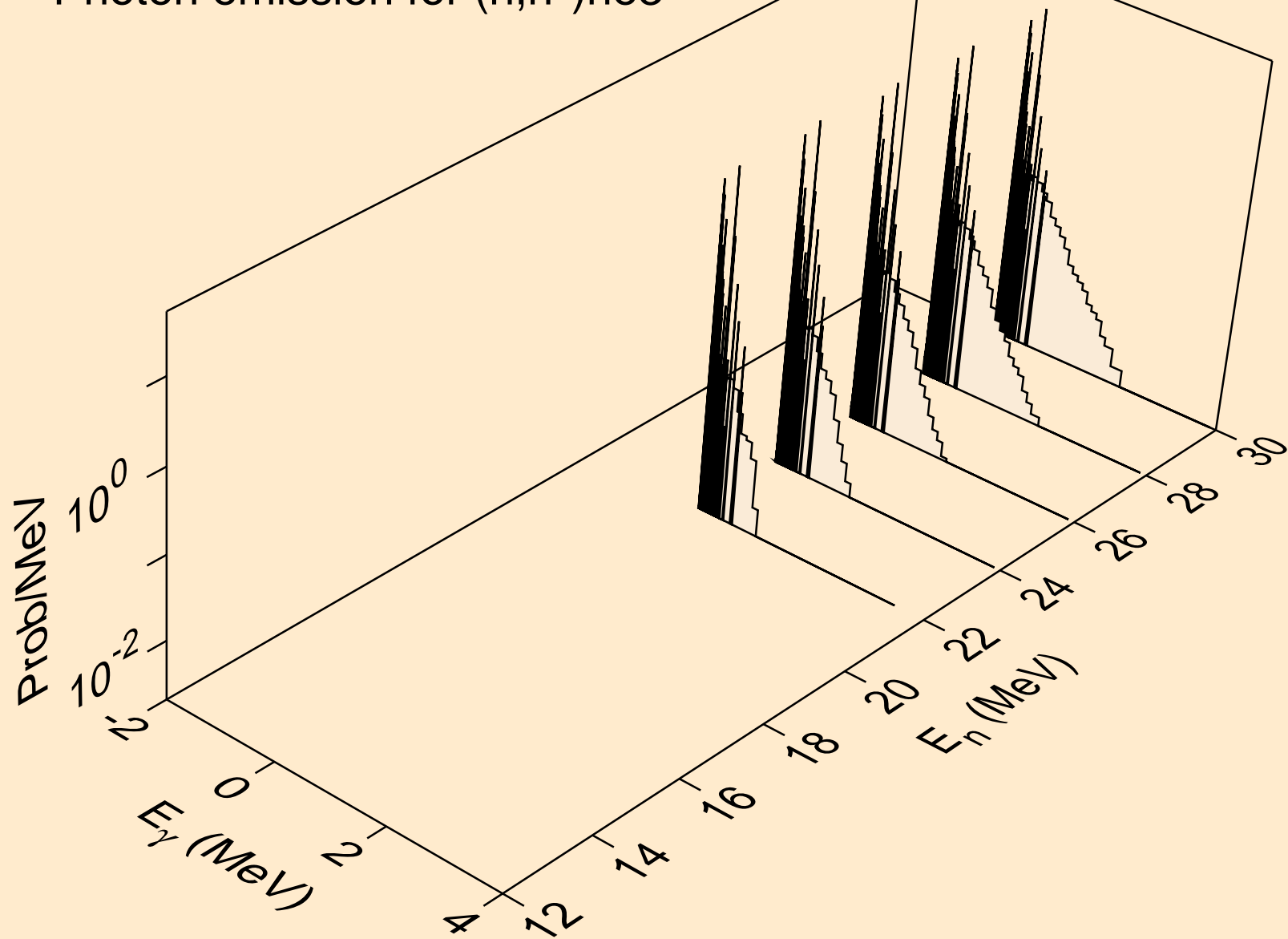
U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d



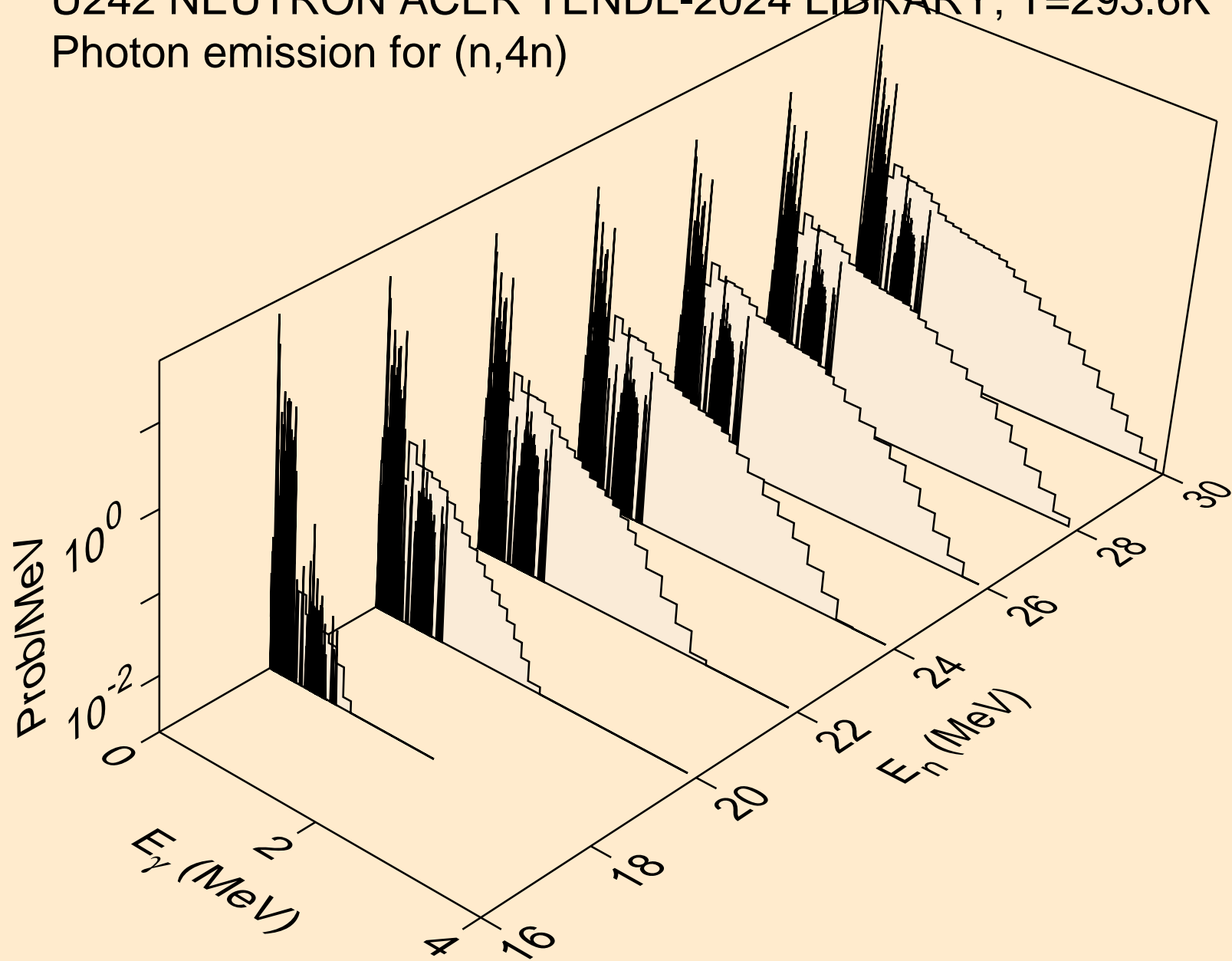
U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t



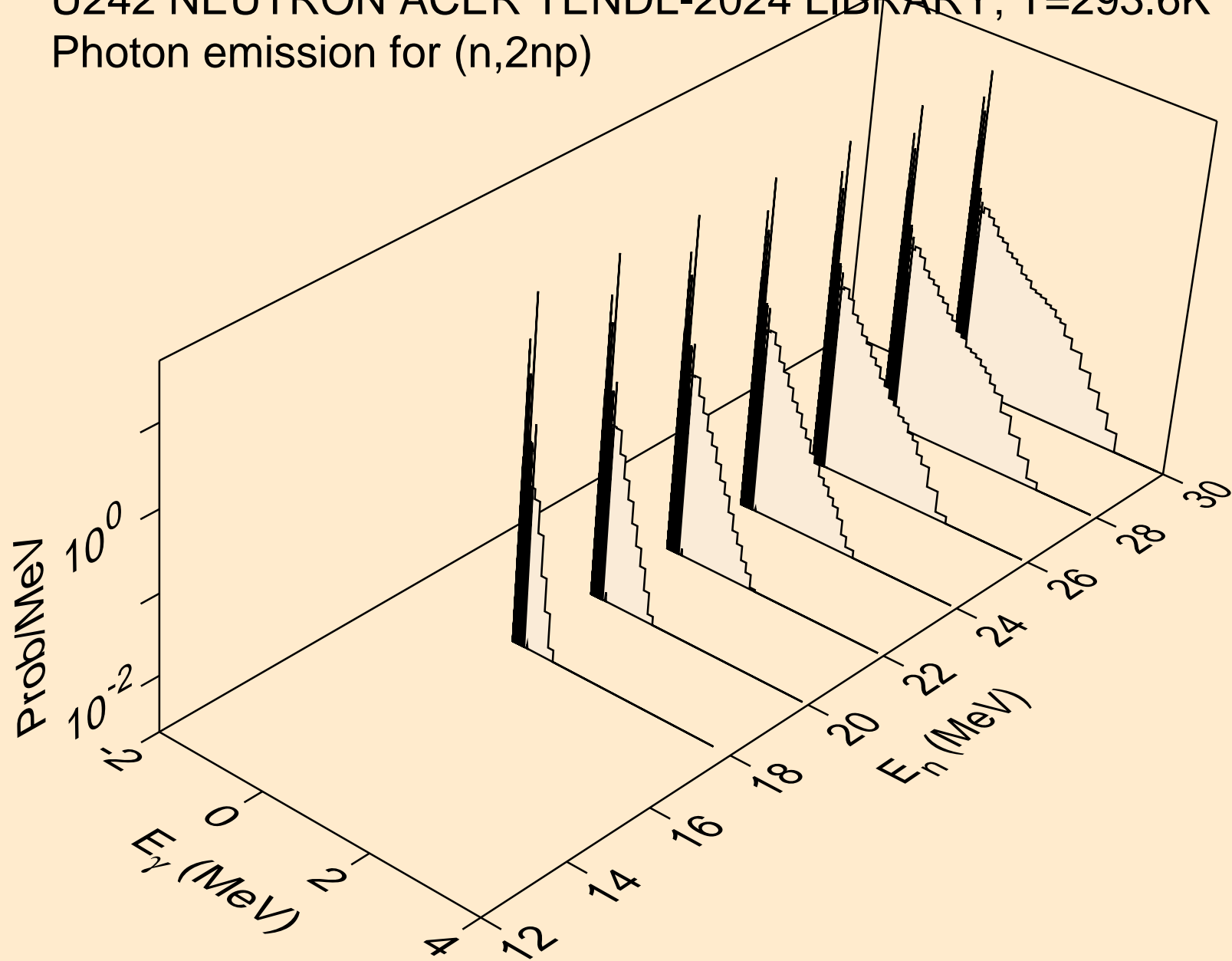
U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



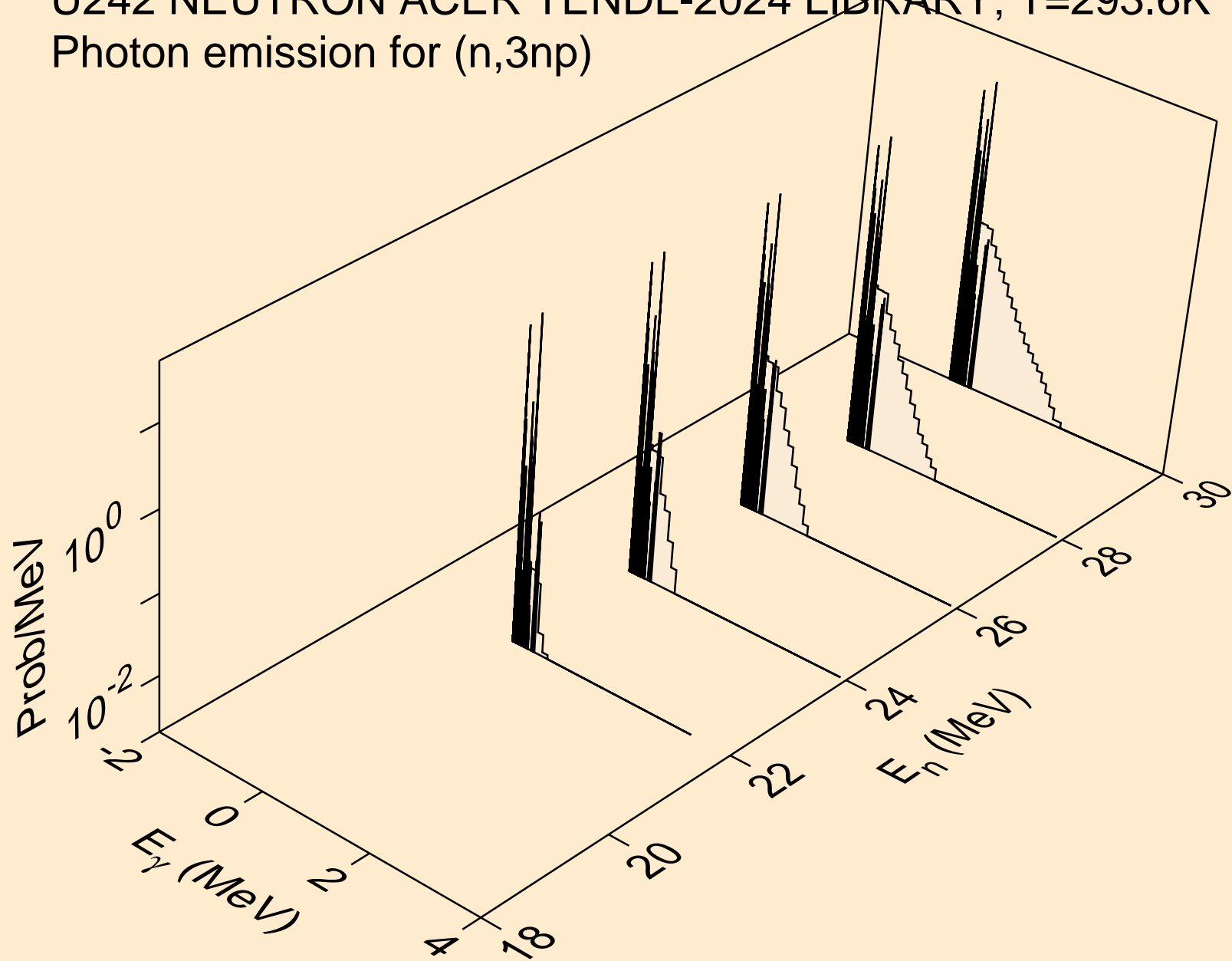
U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,4n)



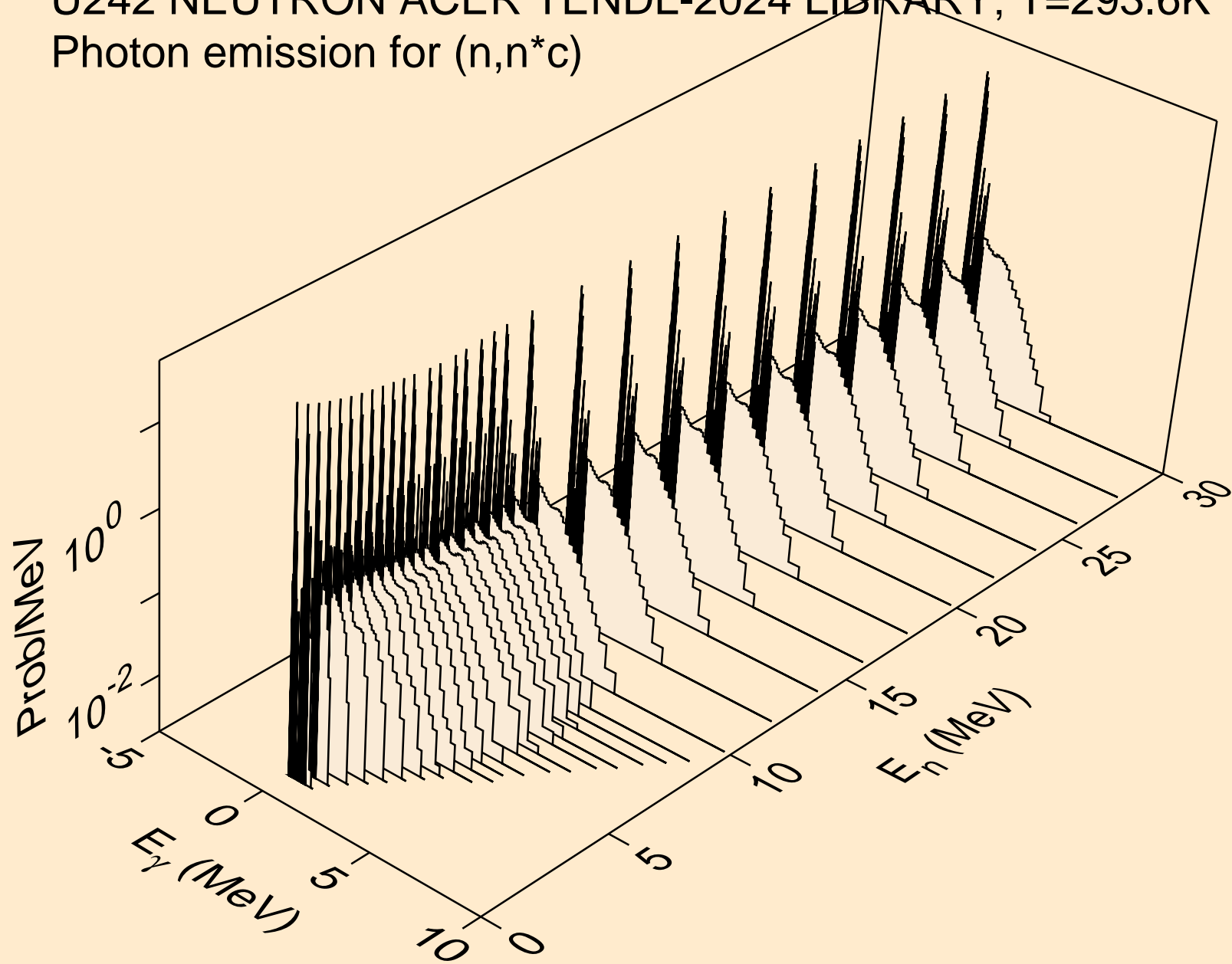
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Photon emission for (n,2np)



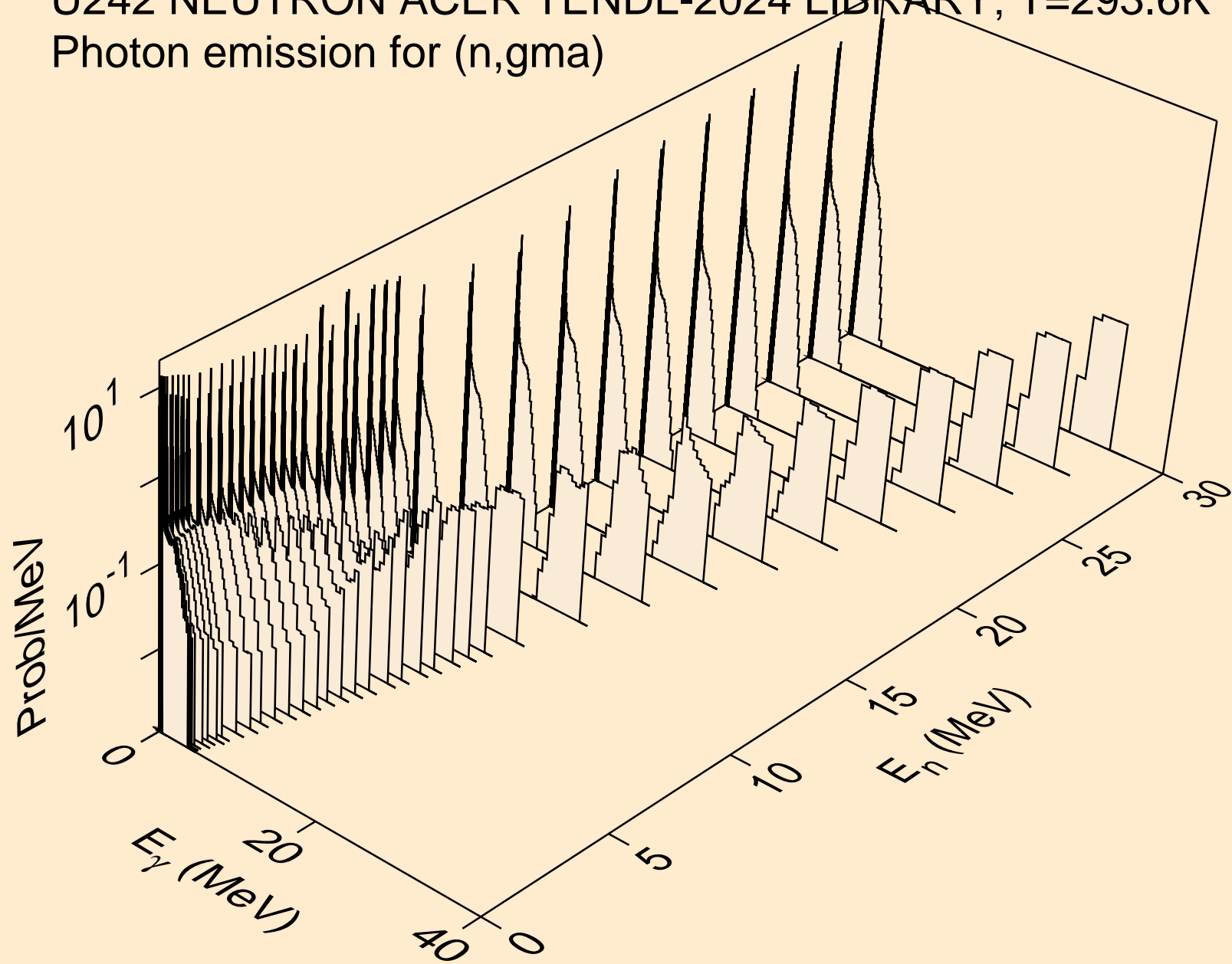
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Photon emission for (n,3np)



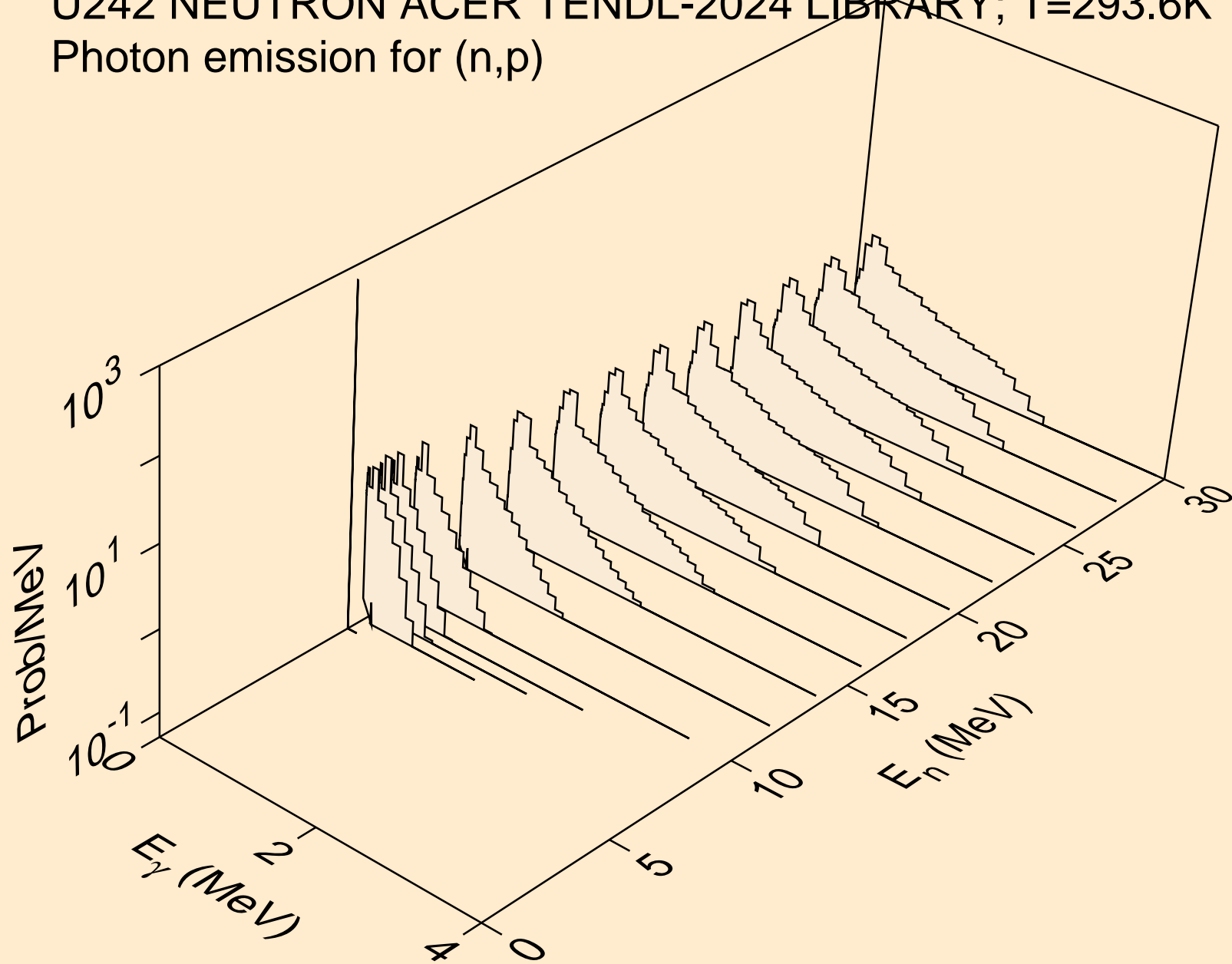
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Photon emission for (n,n\*c)



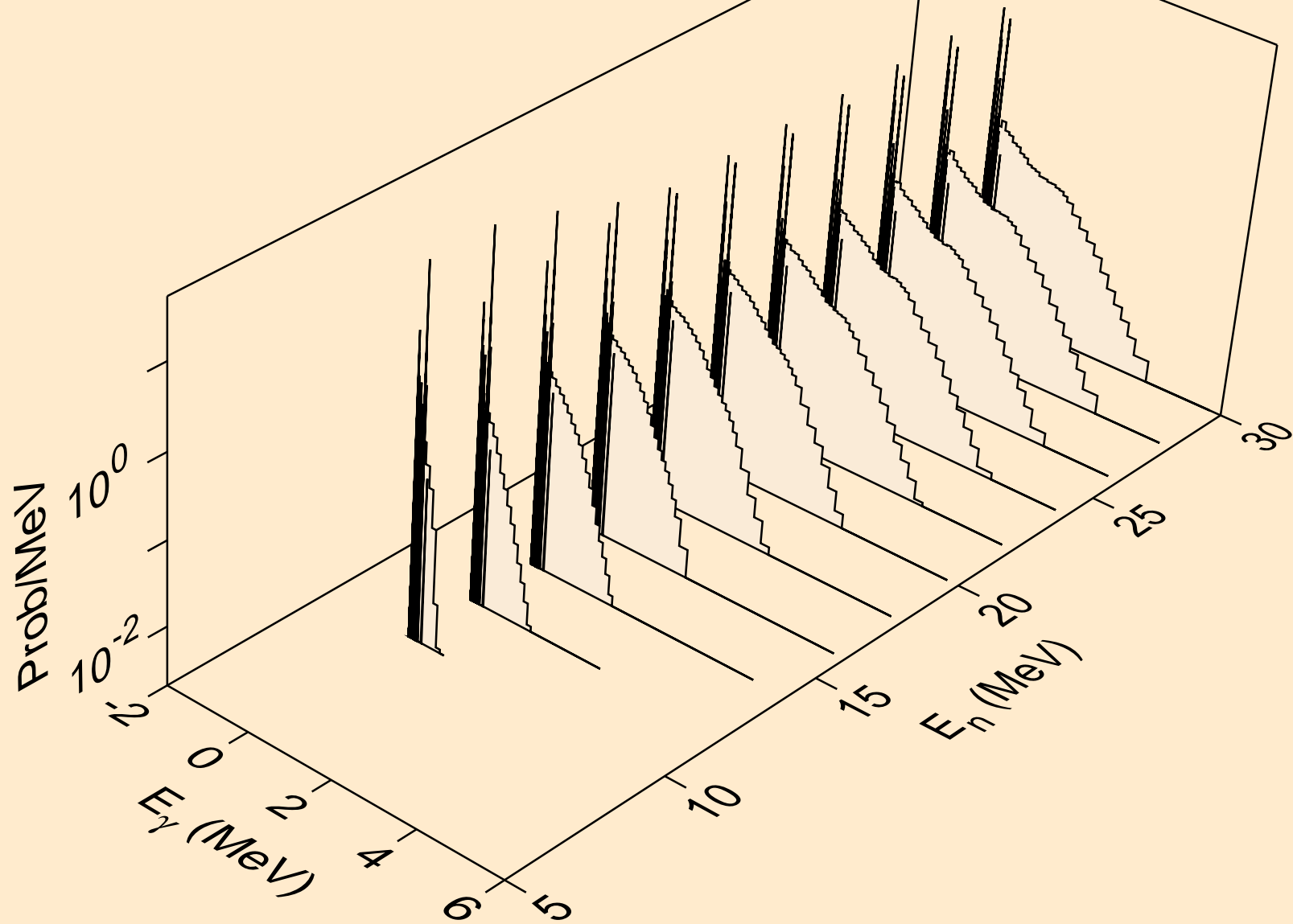
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Photon emission for (n,gma)



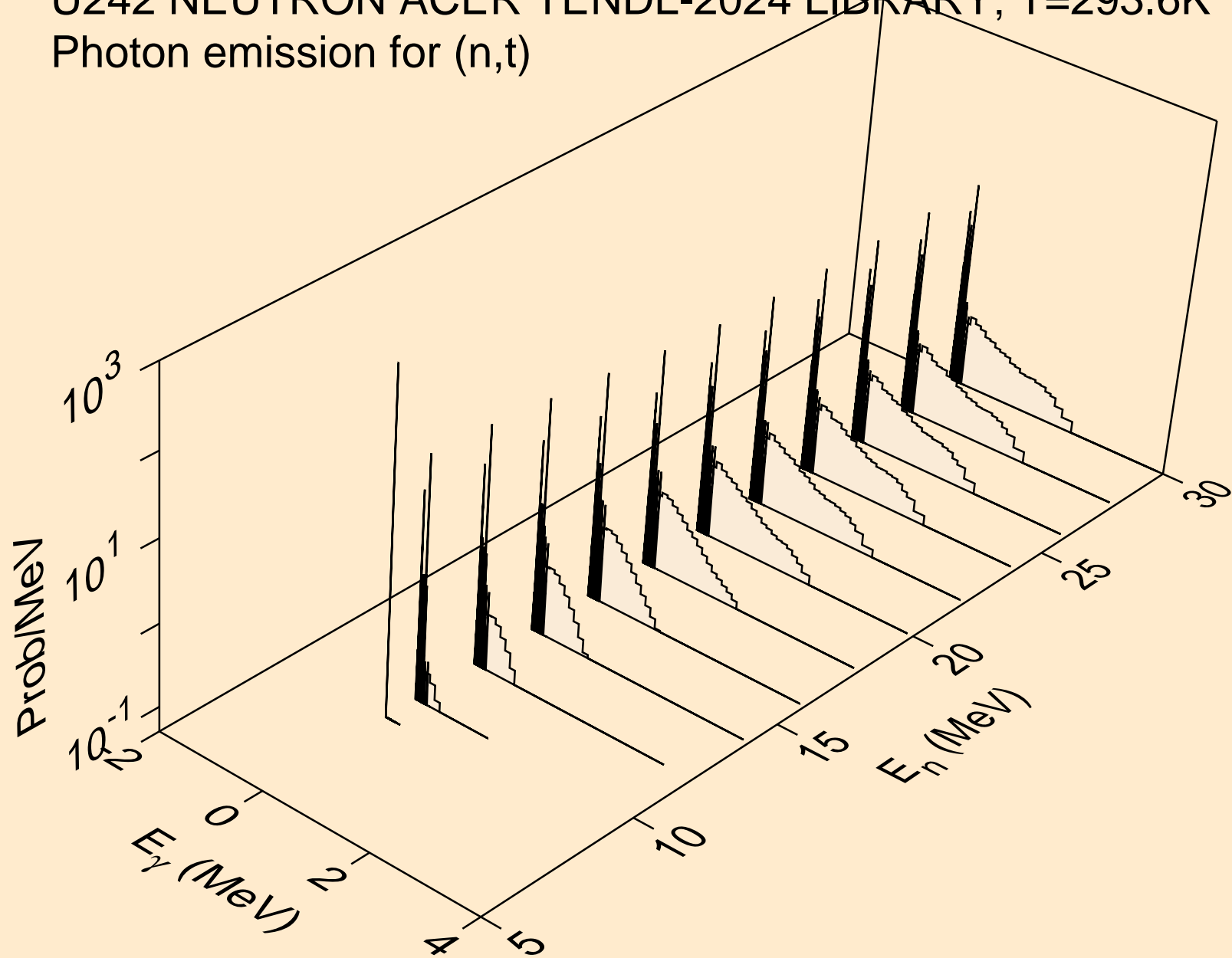
U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,p)



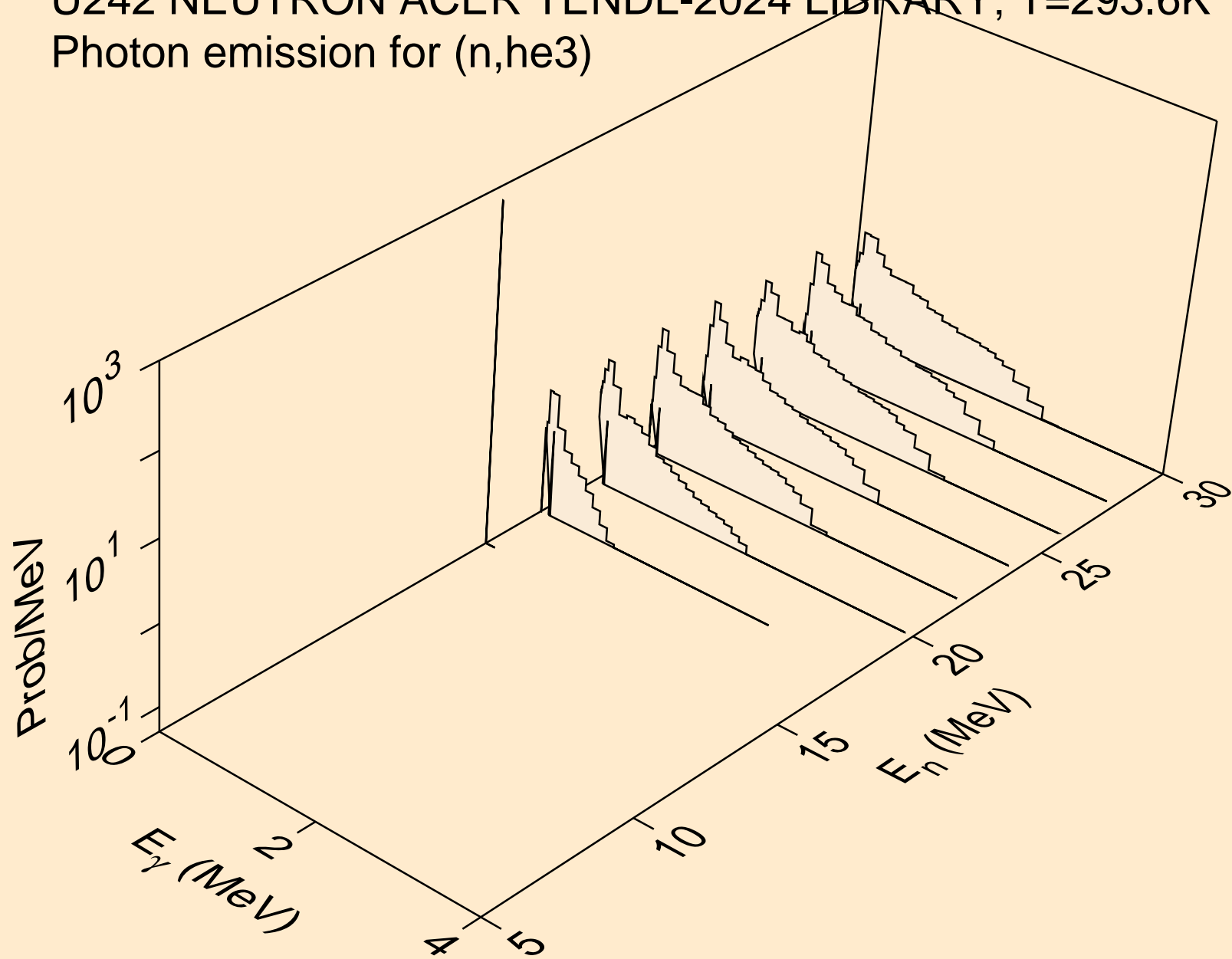
U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,d)



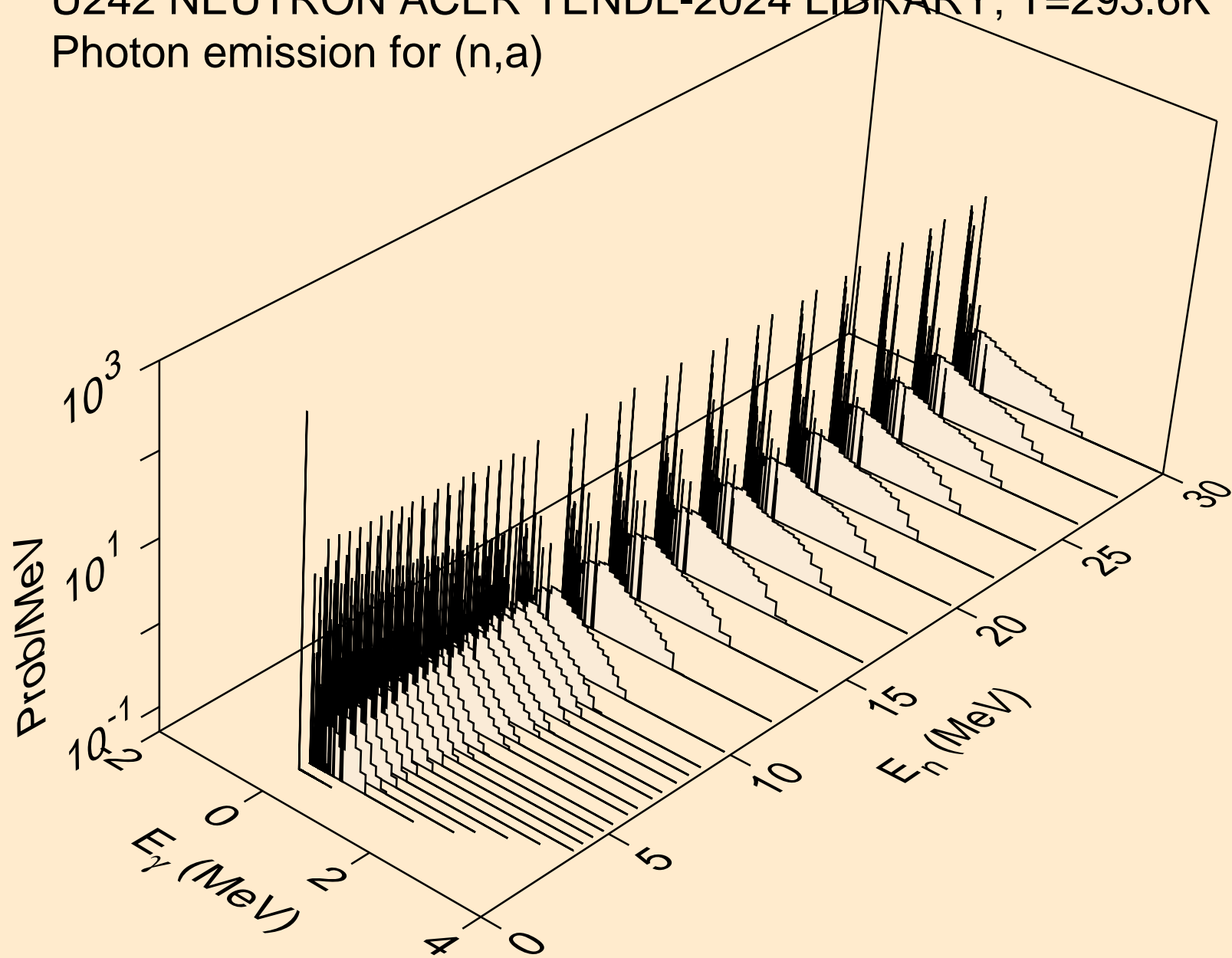
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Photon emission for (n,t)



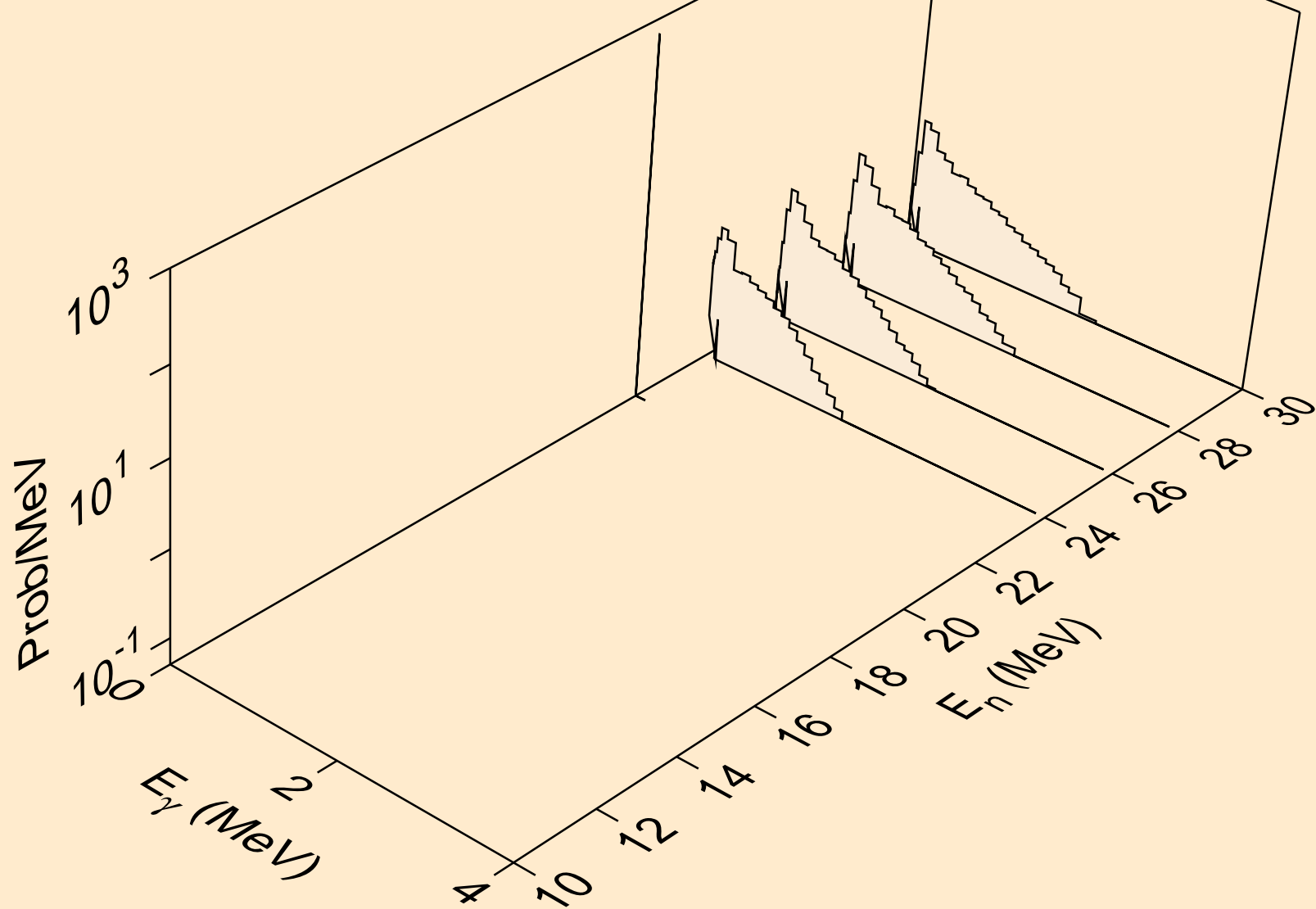
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Photon emission for (n,he3)



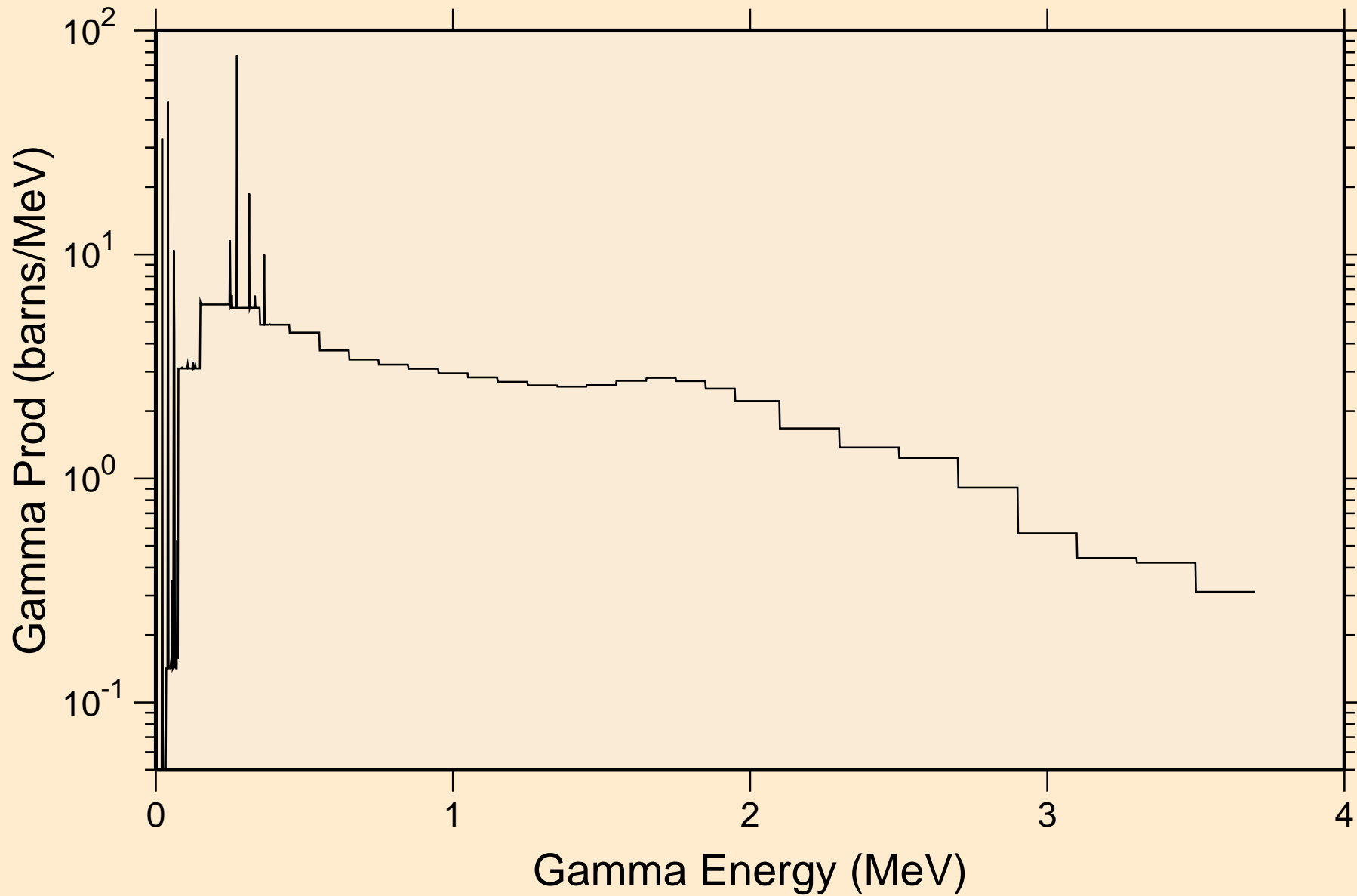
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Photon emission for (n,a)



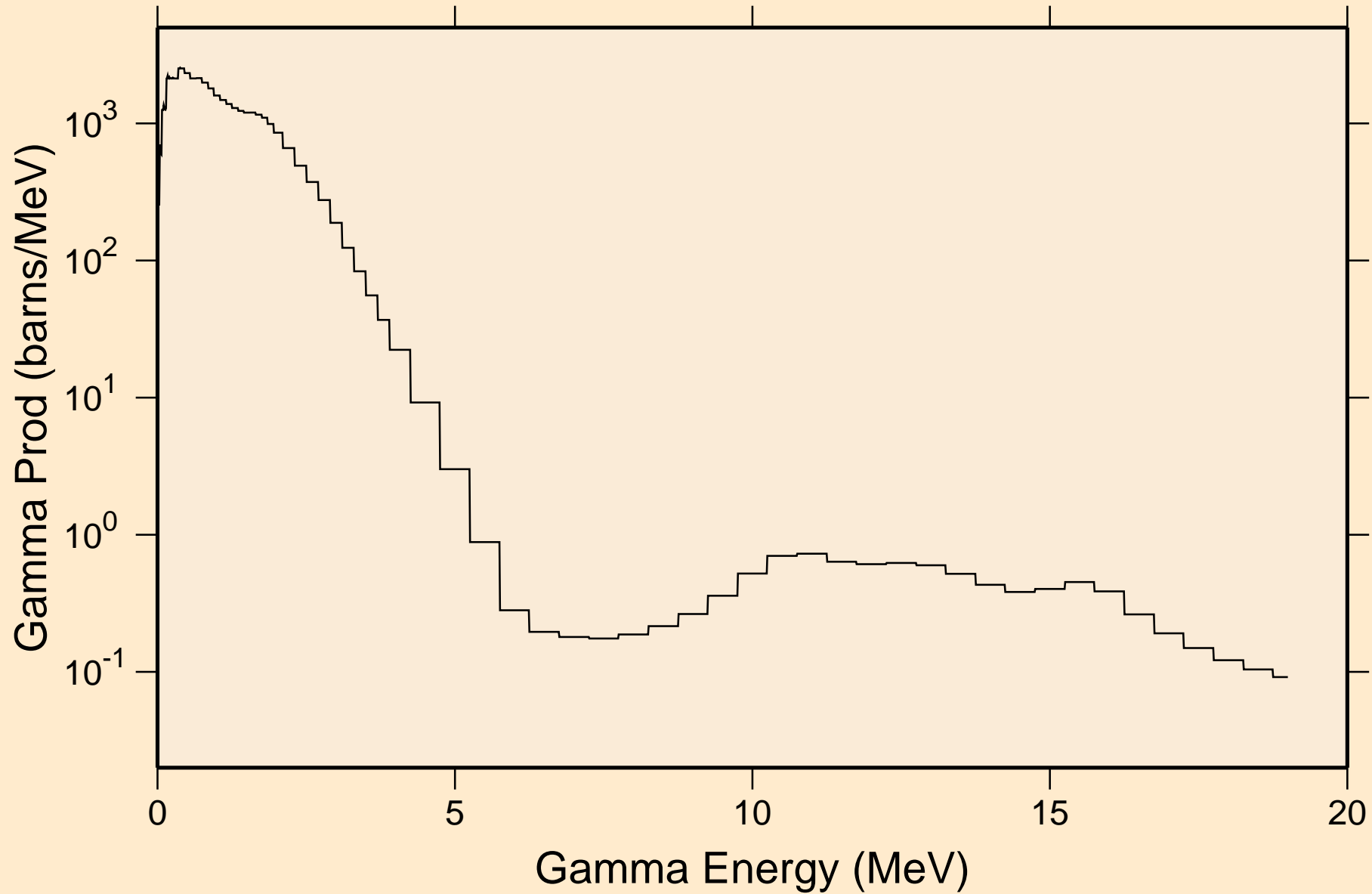
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Photon emission for (n,2p)



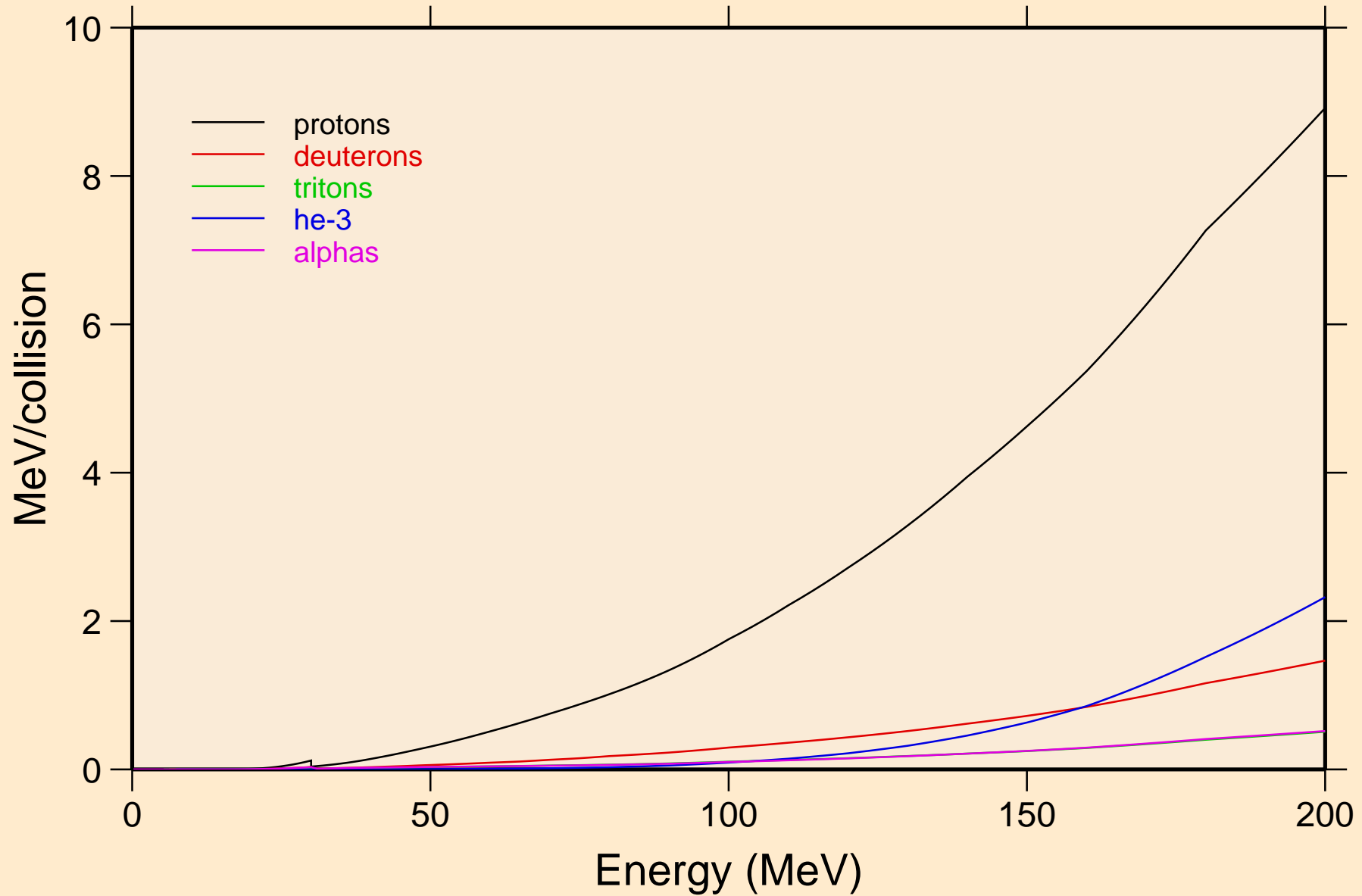
U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
thermal capture photon spectrum



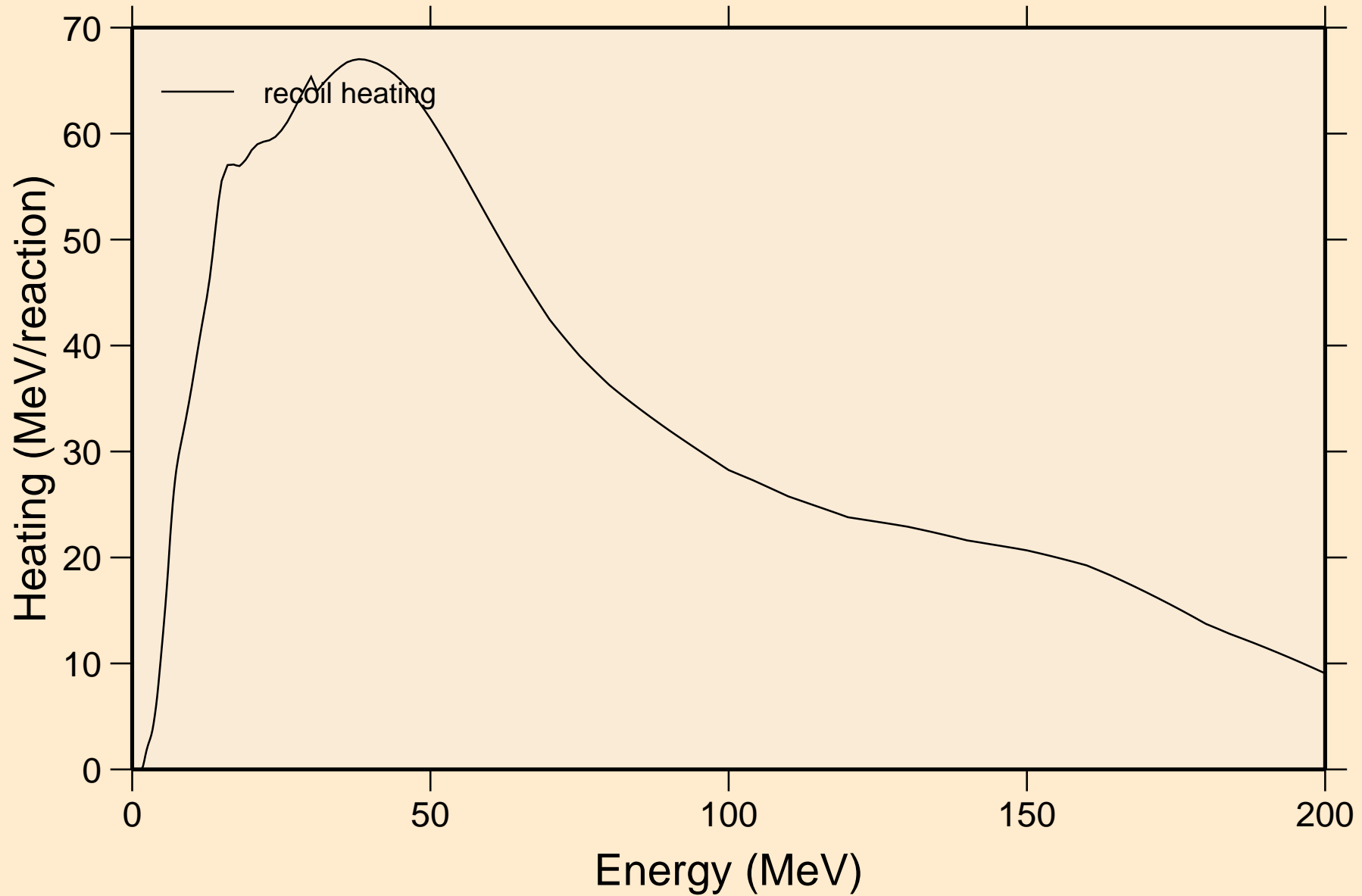
U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
14 MeV photon spectrum



U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Particle heating contributions

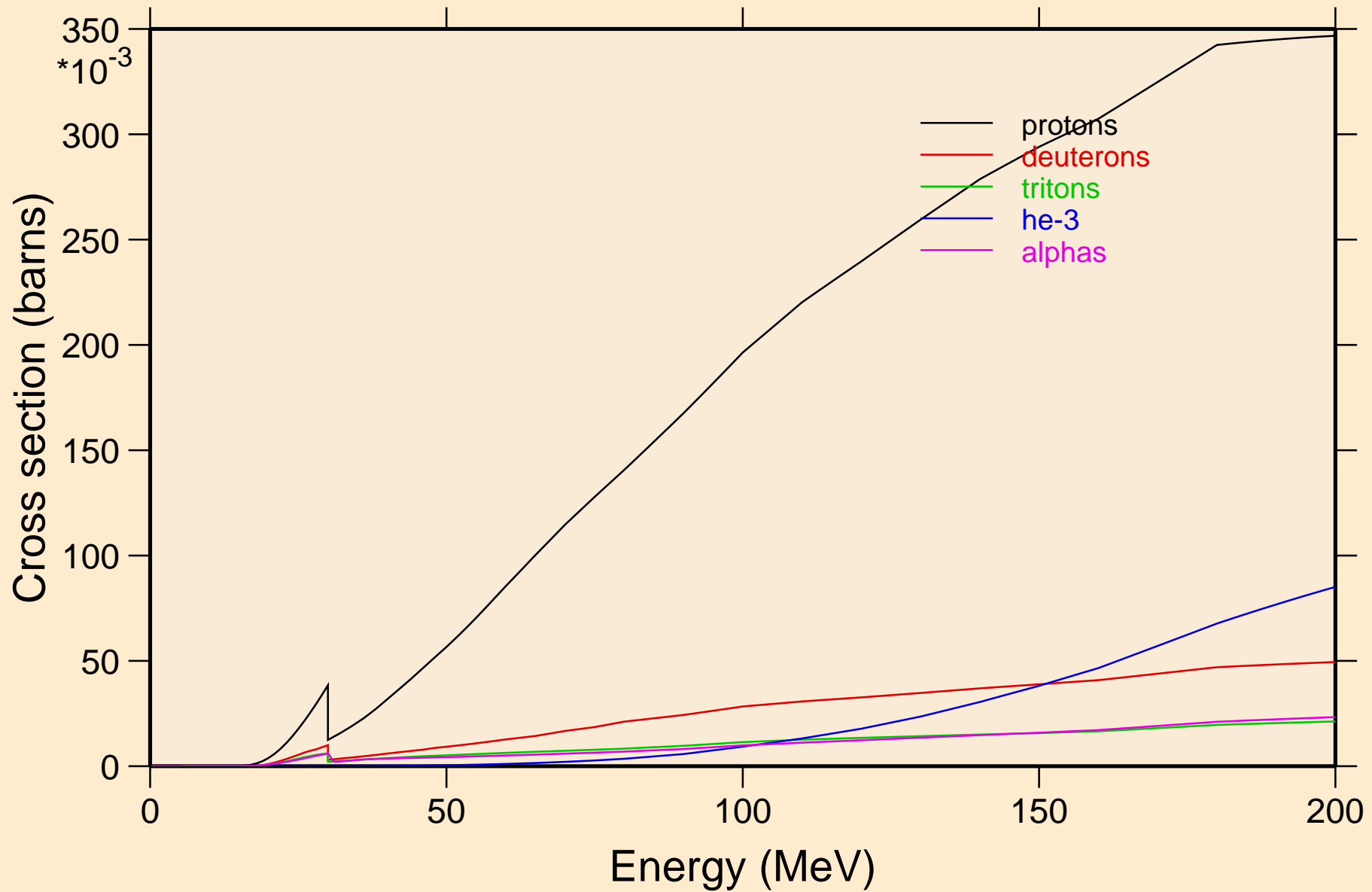


U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Recoil Heating

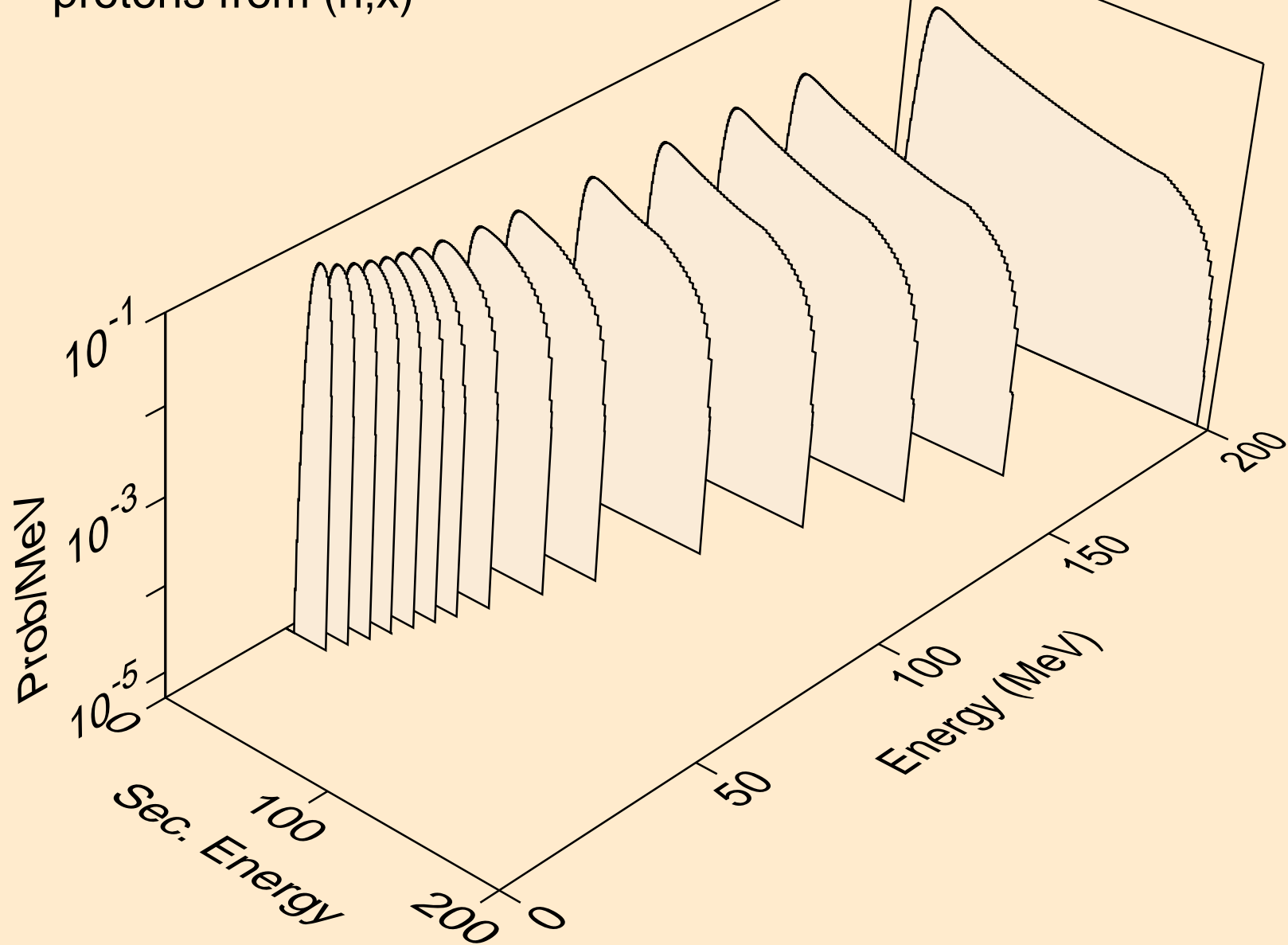


# U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

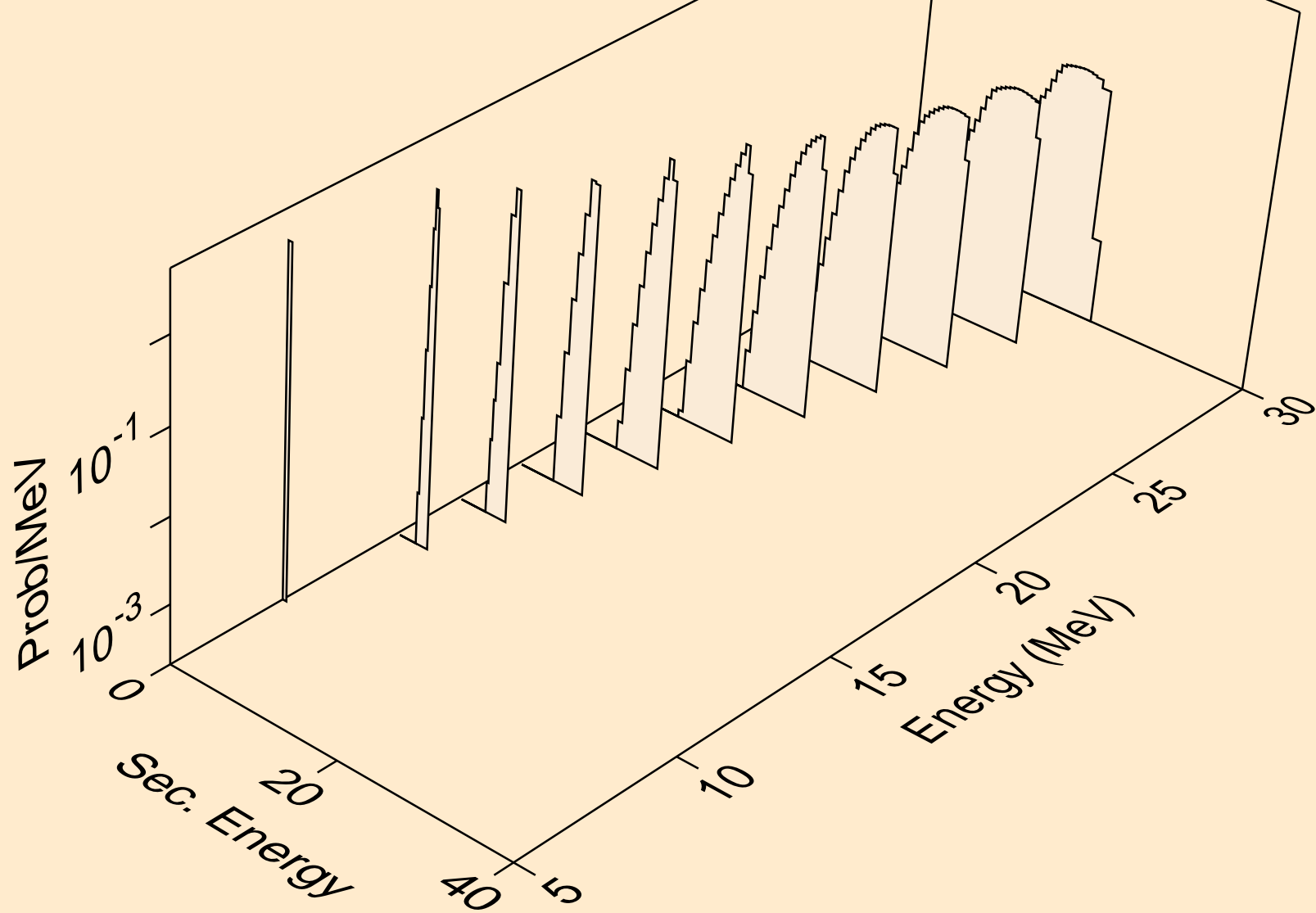
## Particle production cross sections



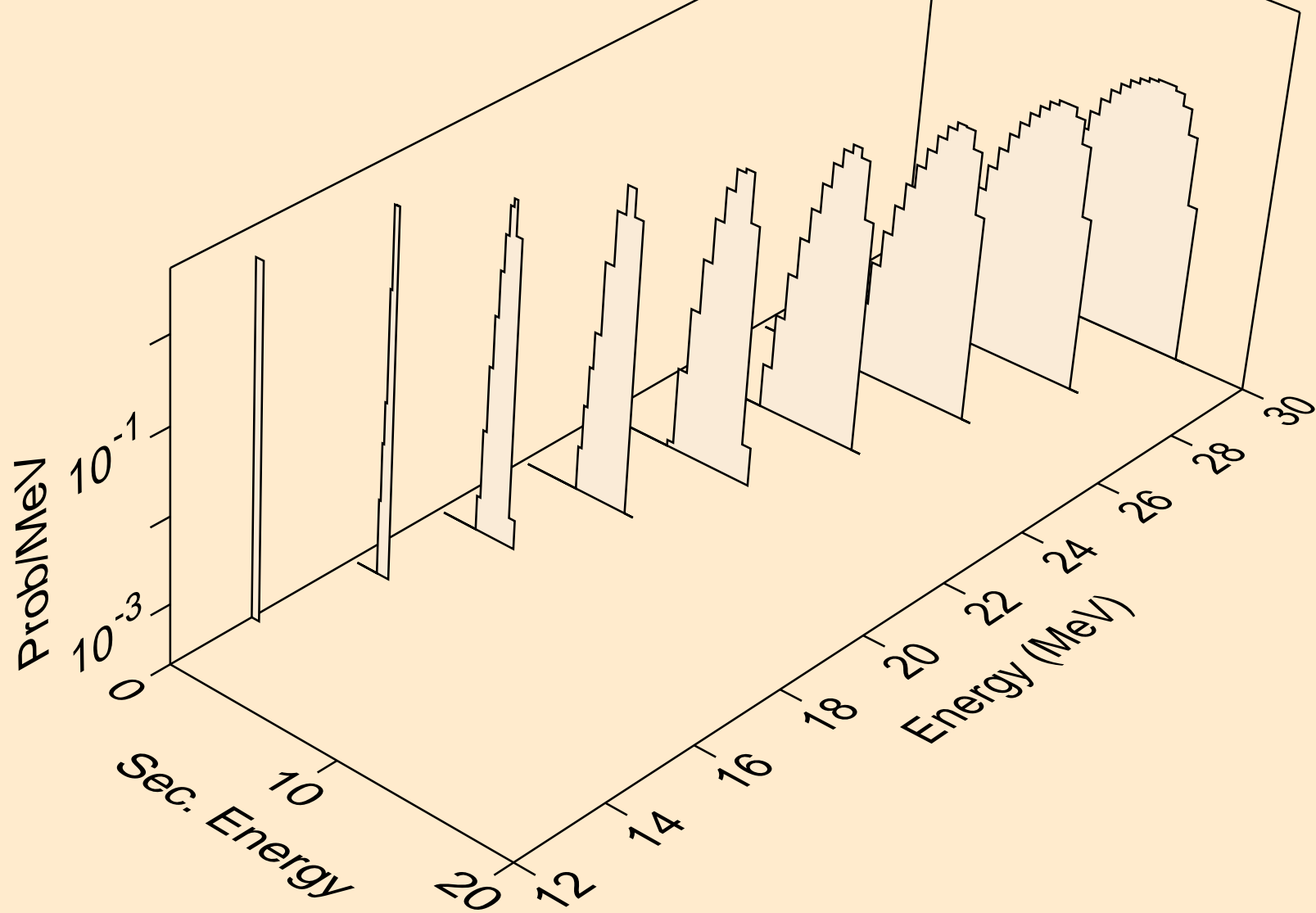
U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,x)



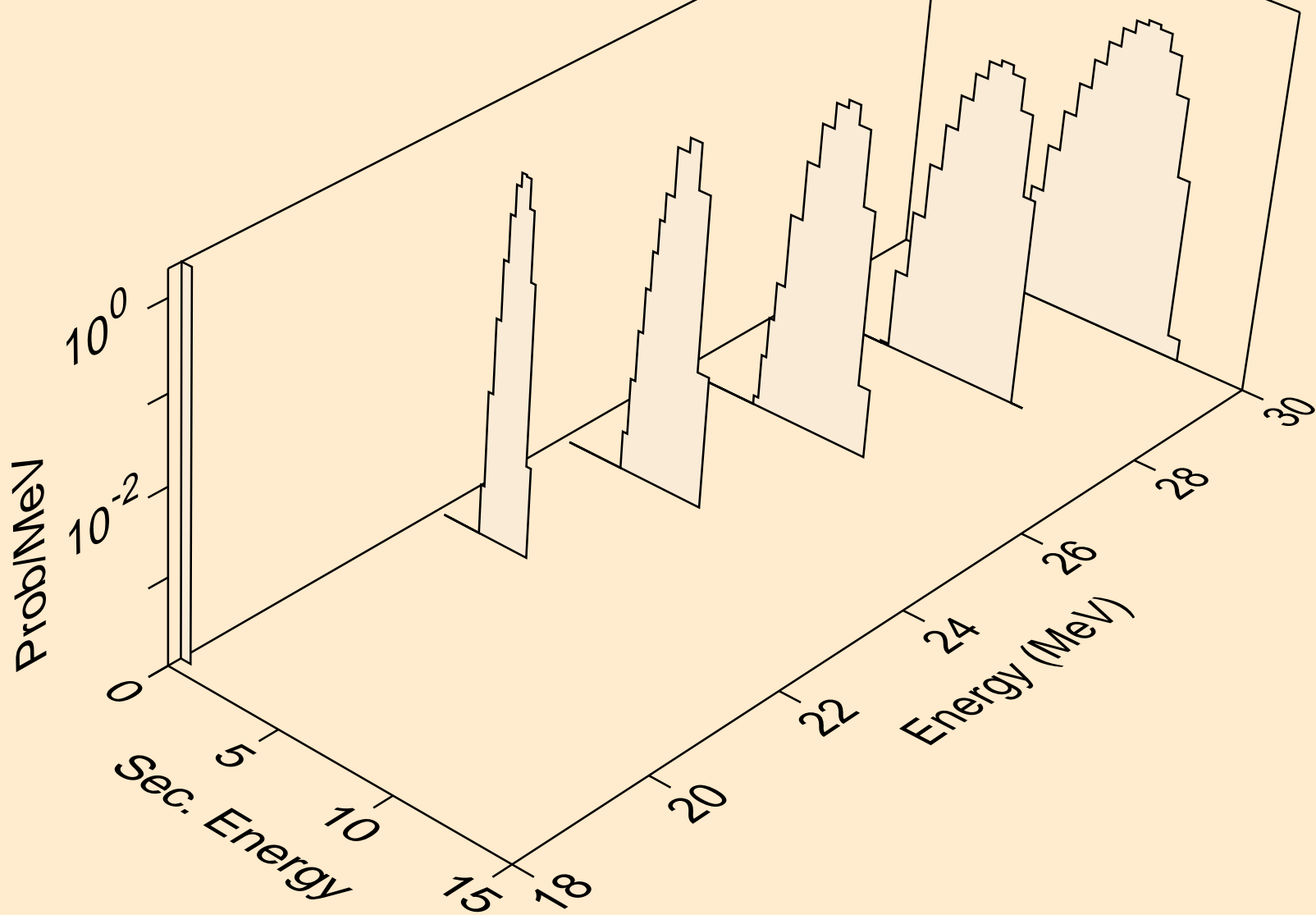
U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,n\*)p



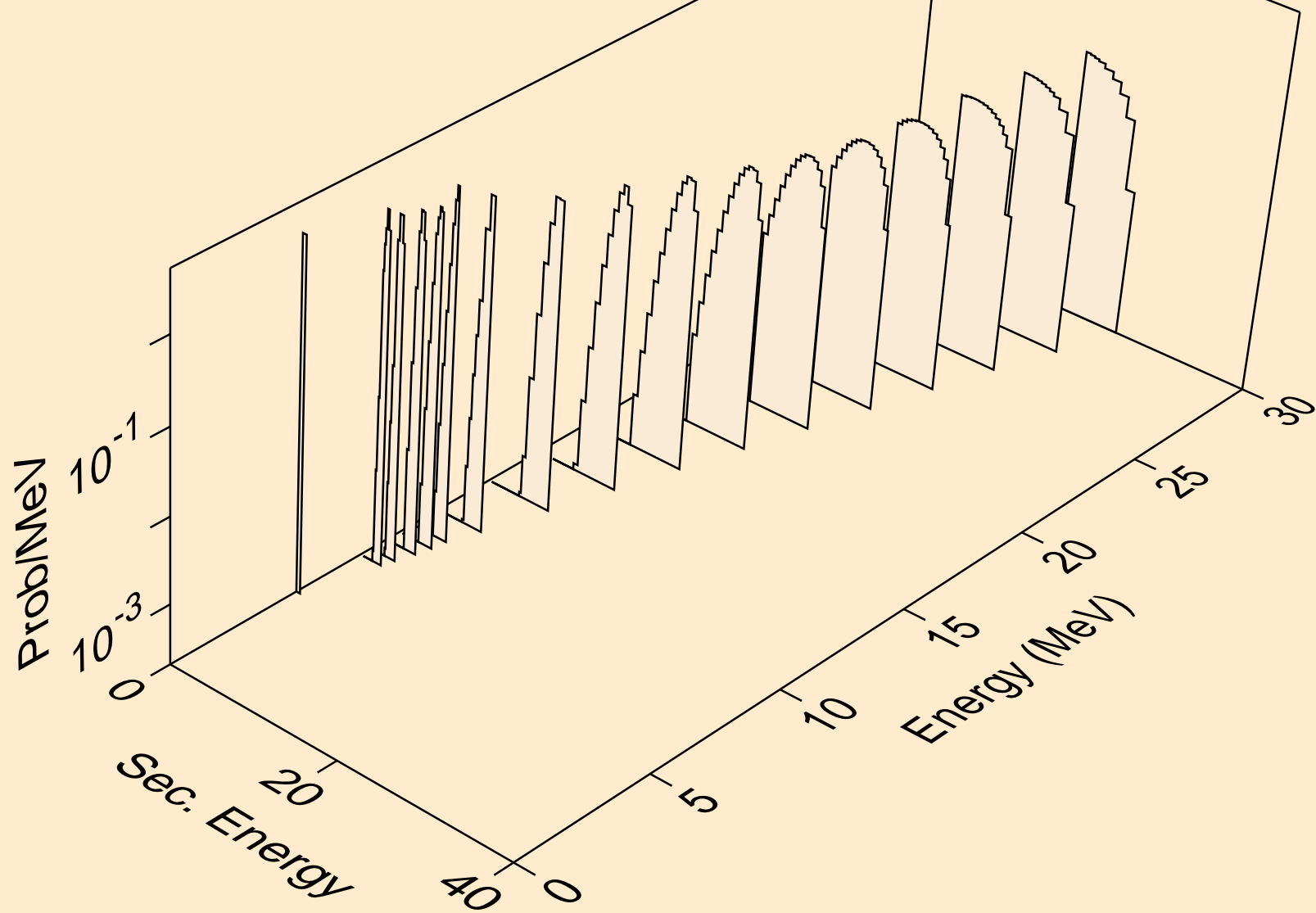
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protons from (n,2np)



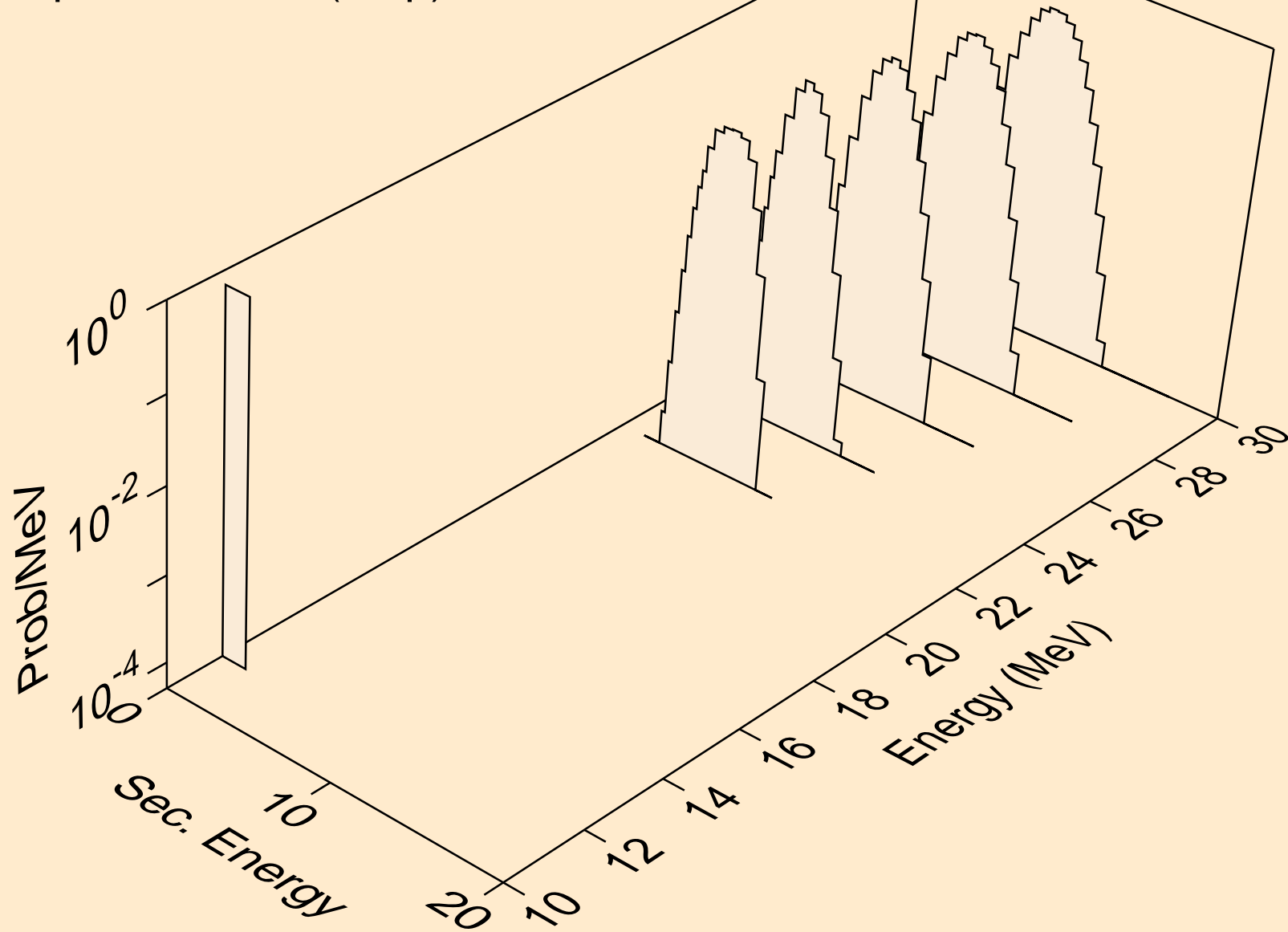
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protons from (n,3np)



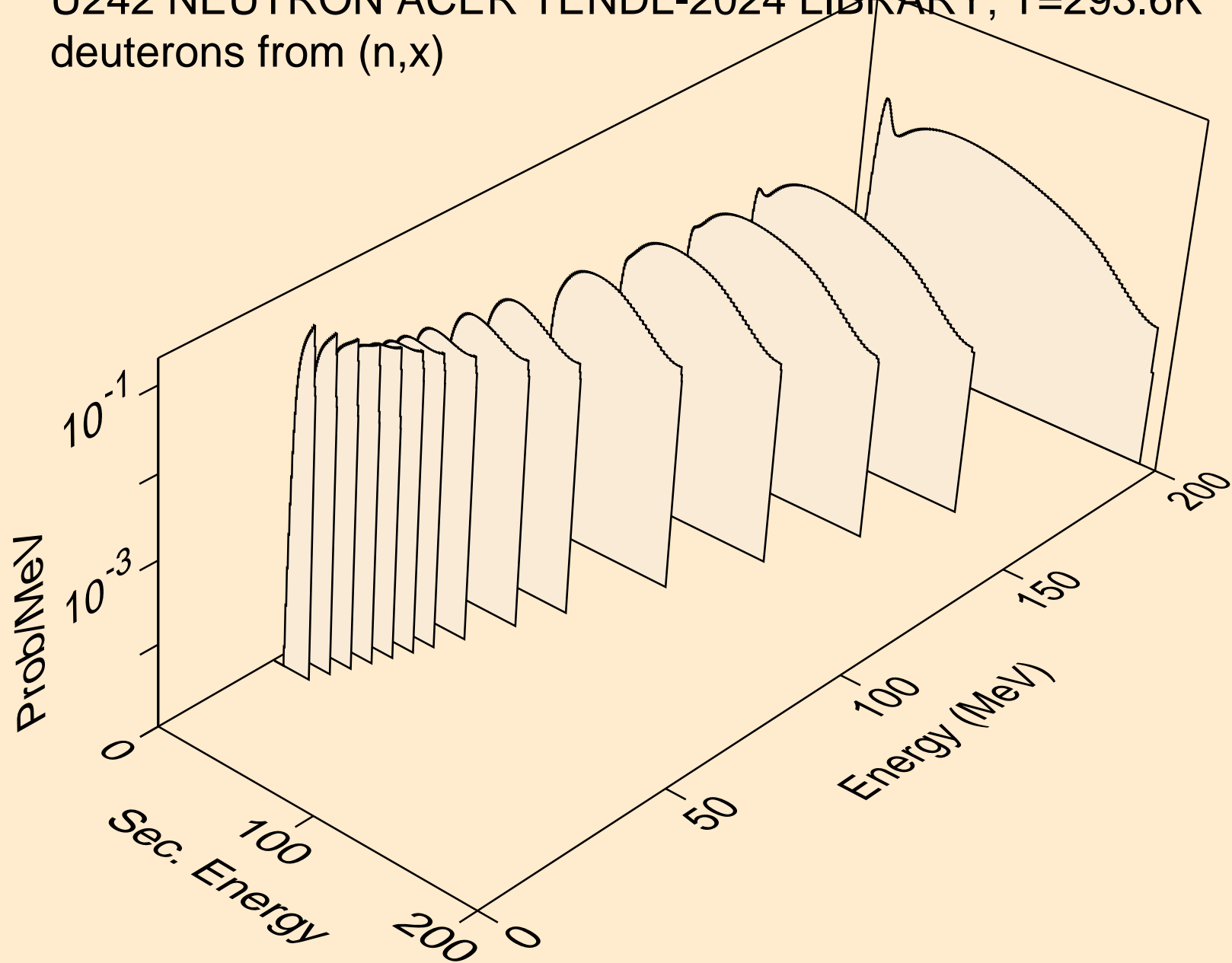
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protons from (n,p)



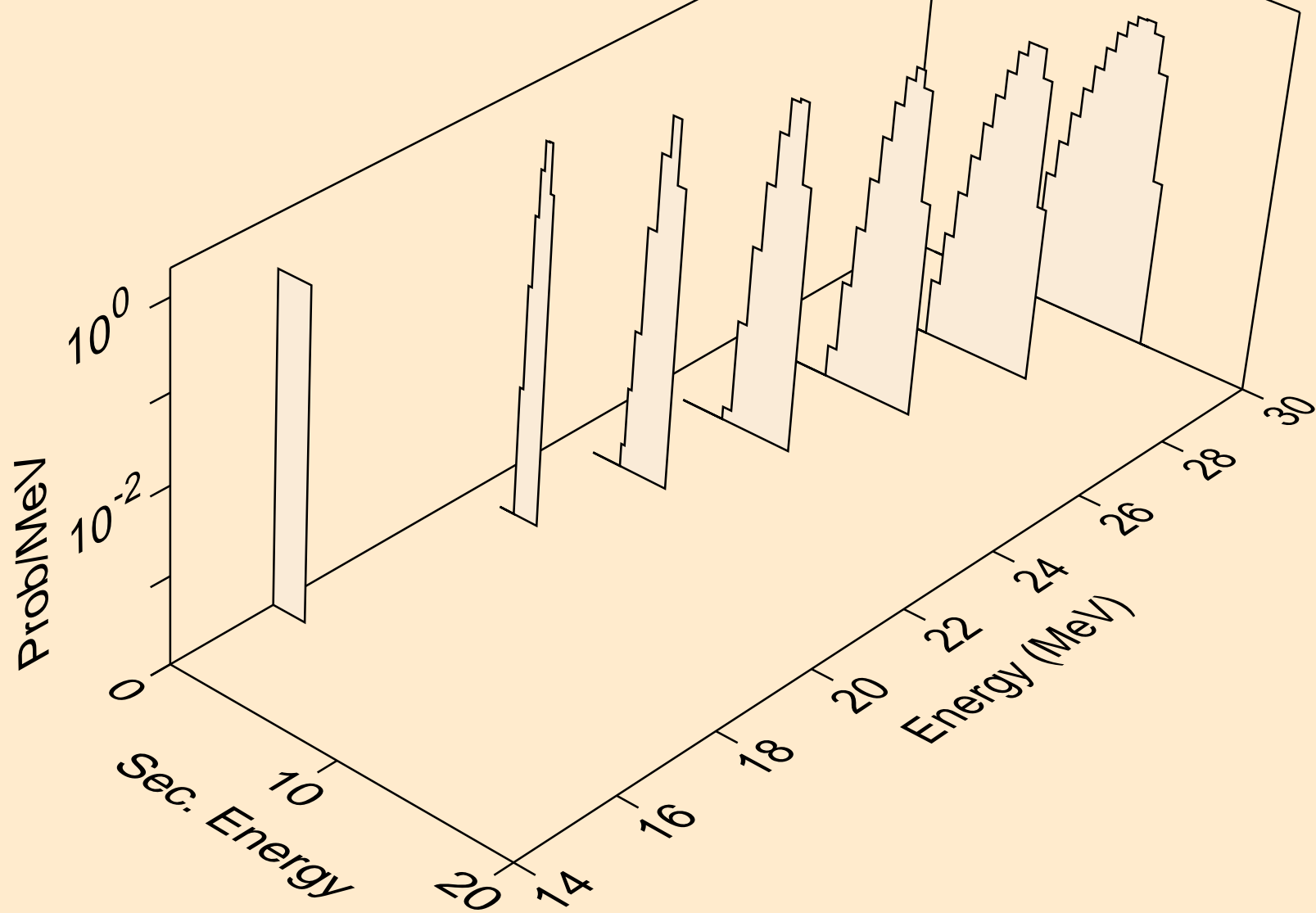
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protons from (n,2p)



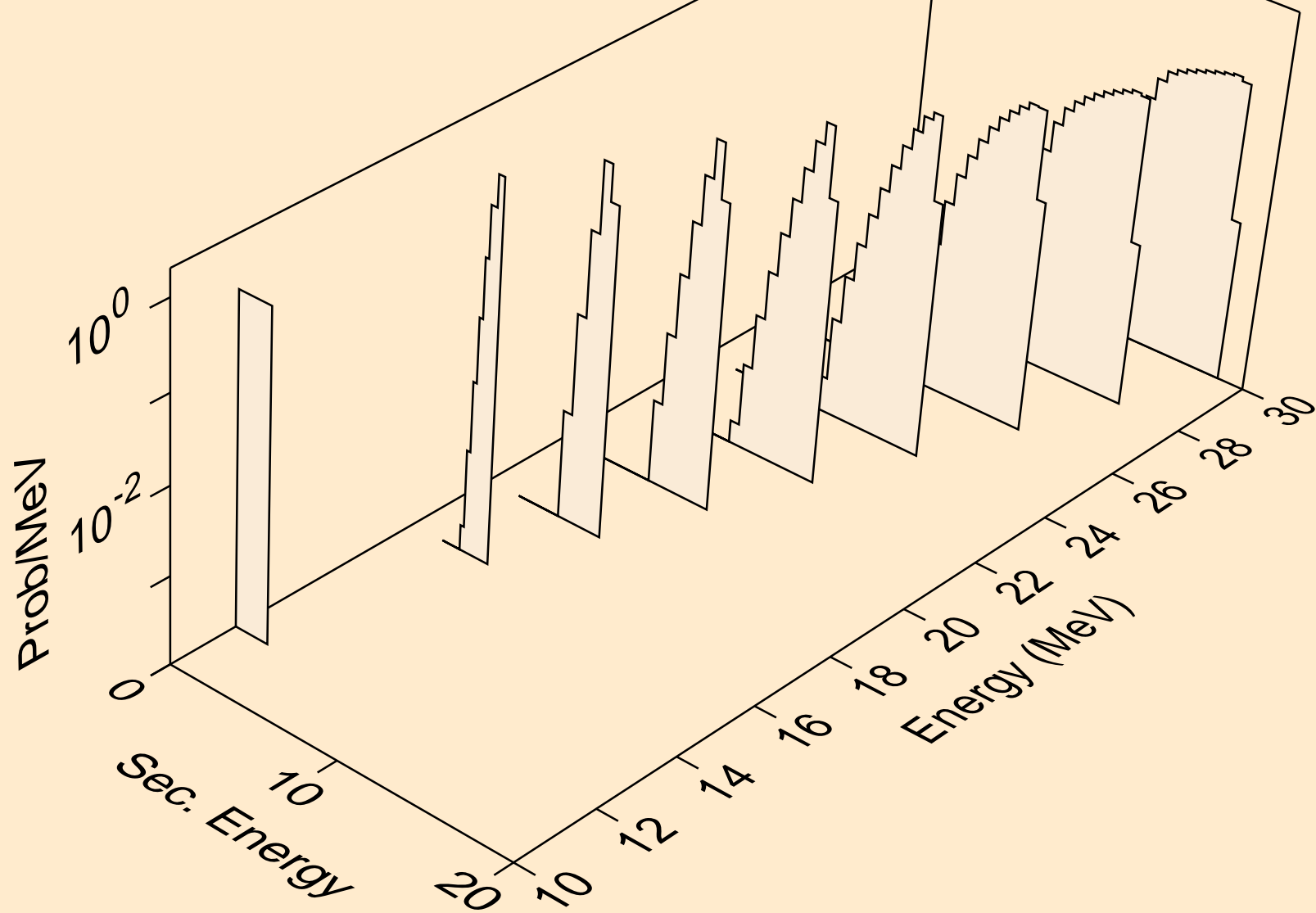
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deuterons from (n,x)



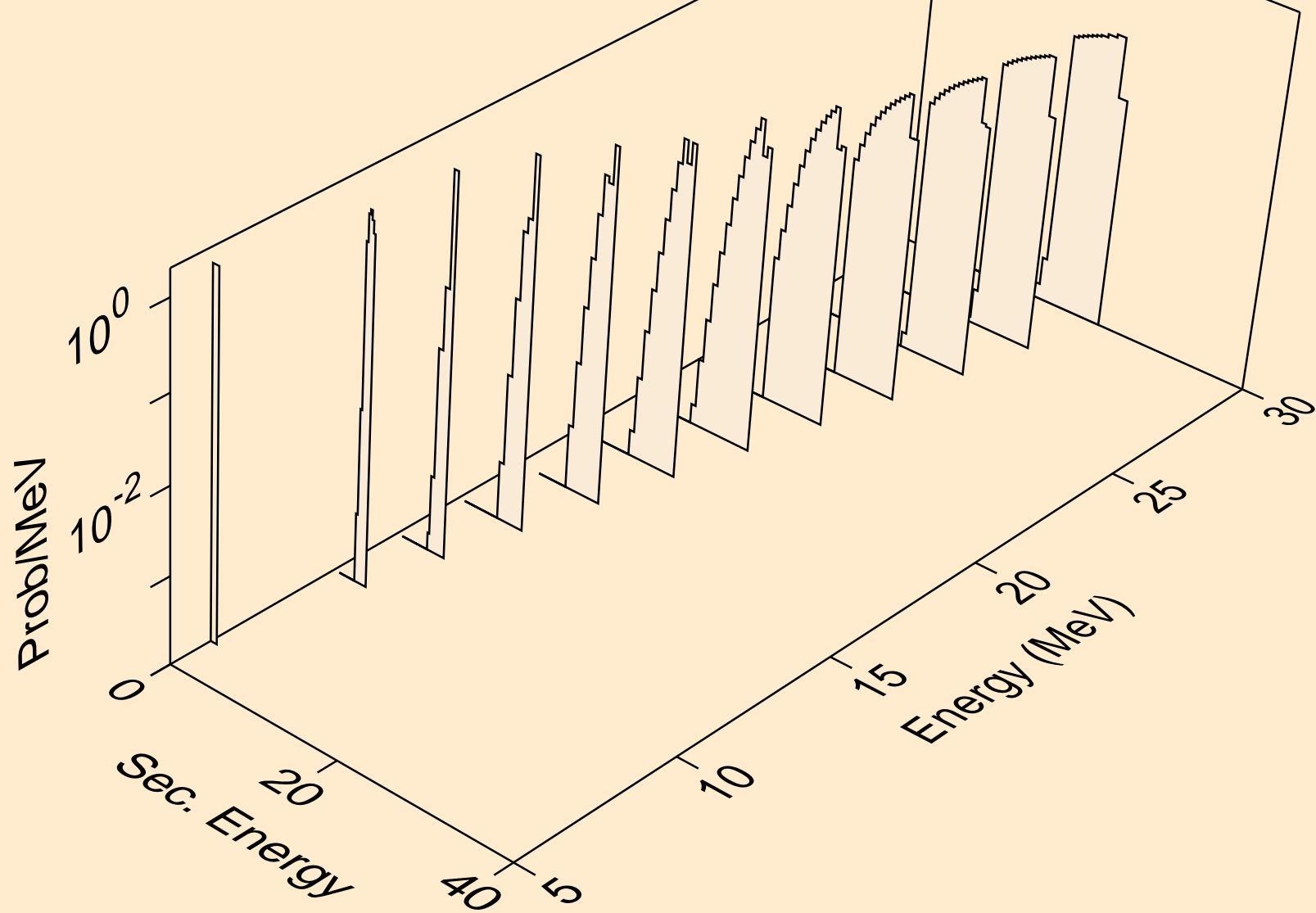
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deuterons from (n,2nd)



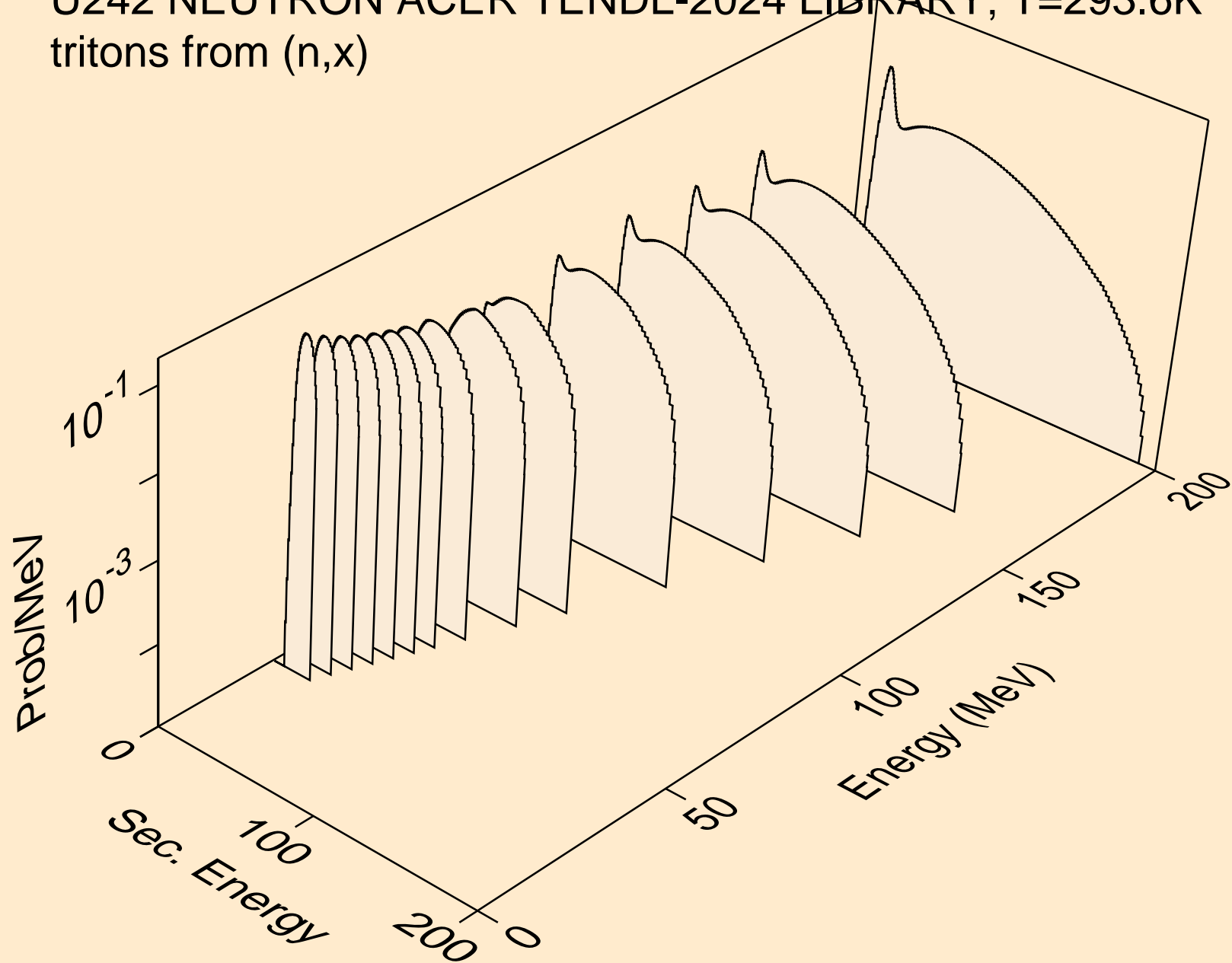
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deuterons from (n,n\*)d



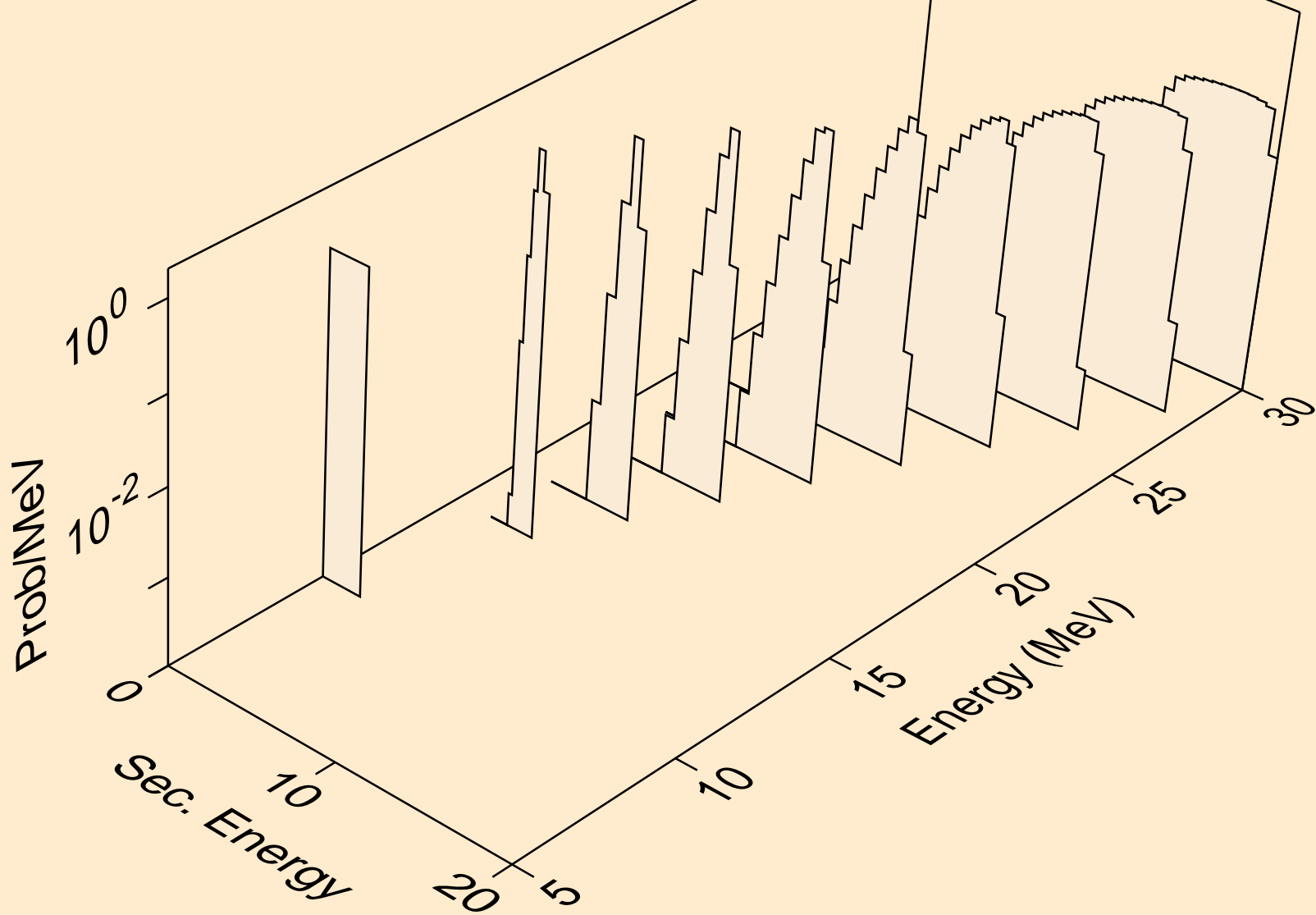
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deuterons from (n,d)



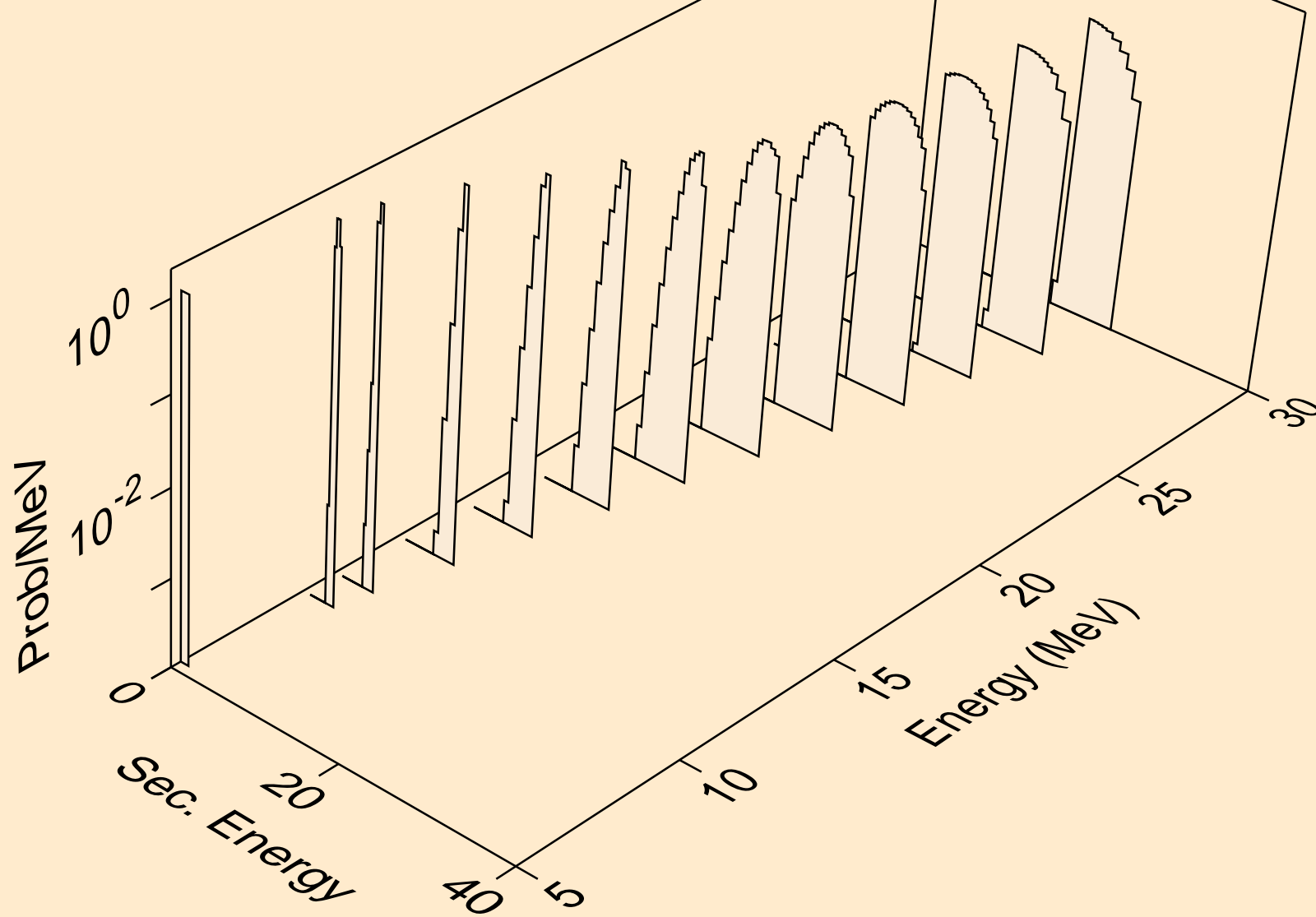
U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,x)



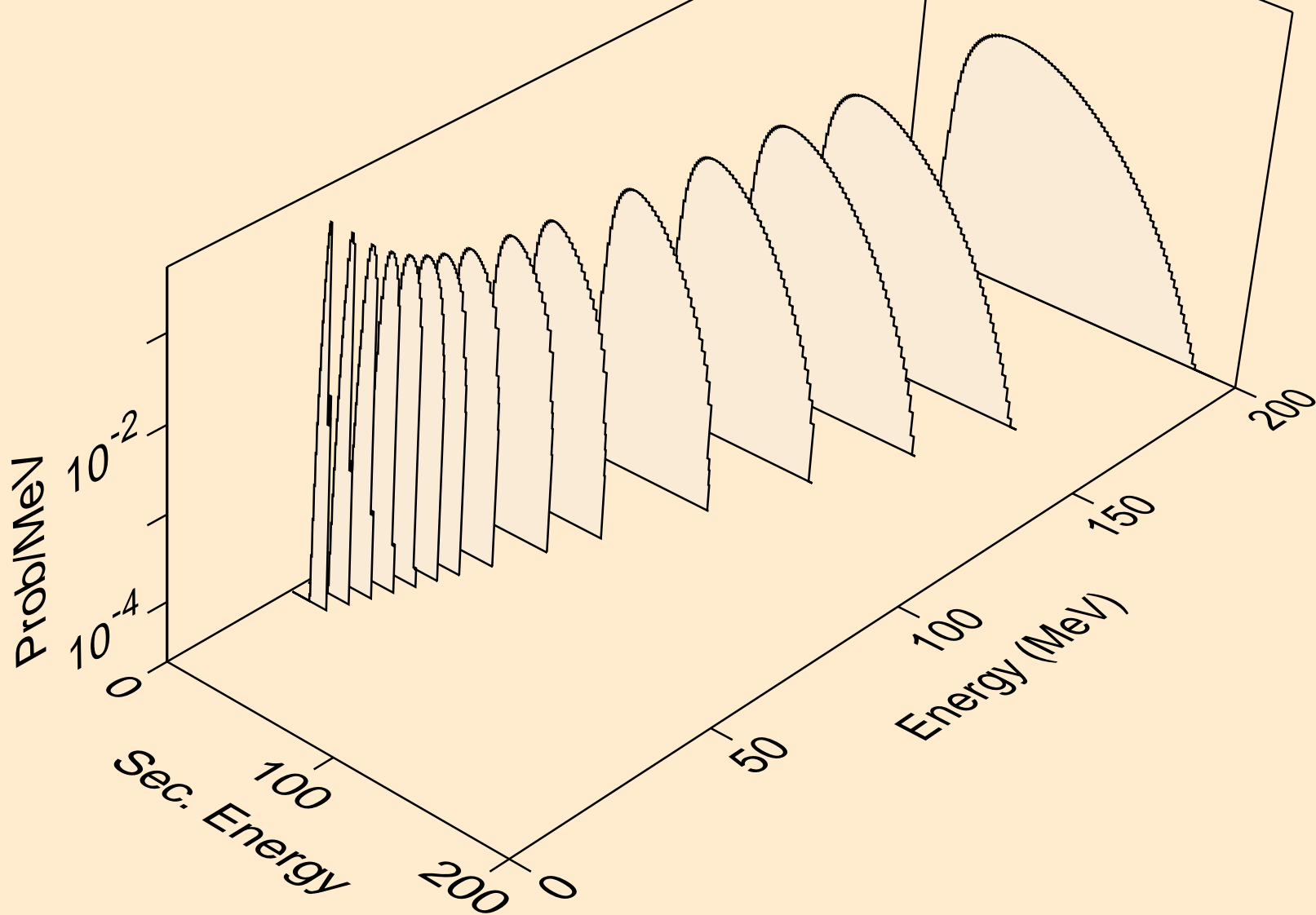
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tritons from (n,n\*)t



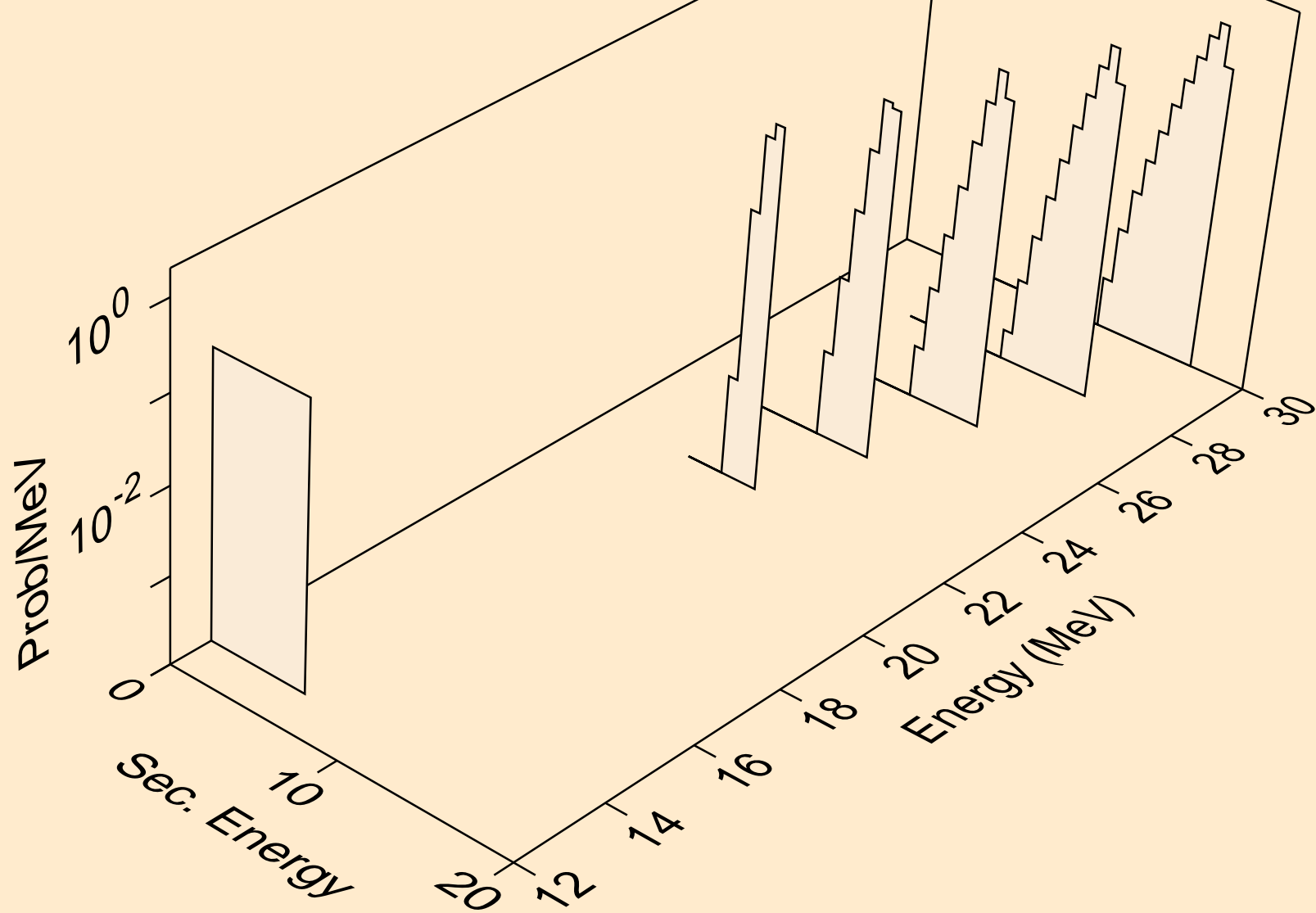
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tritons from (n,t)



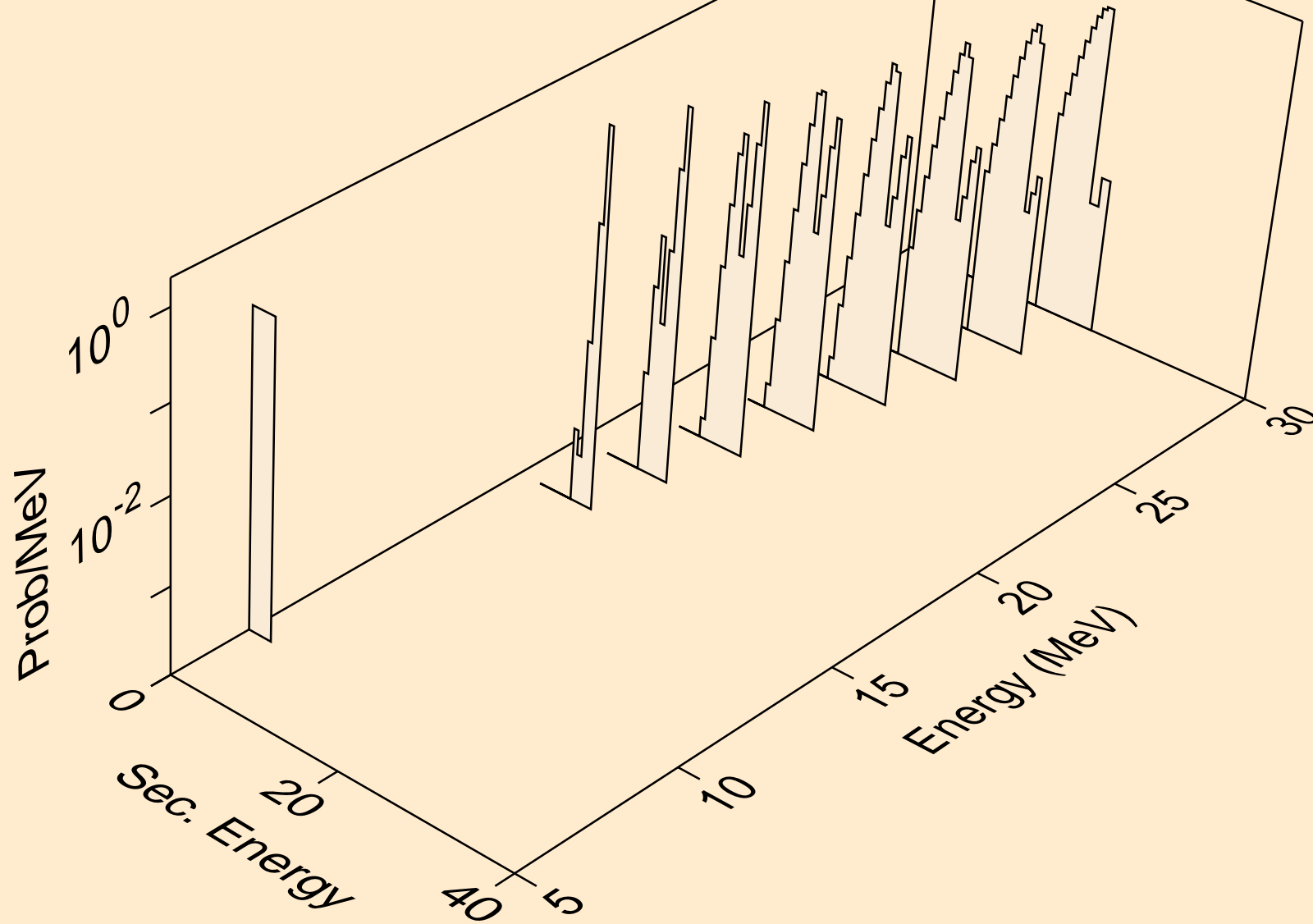
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he3s from (n,x)



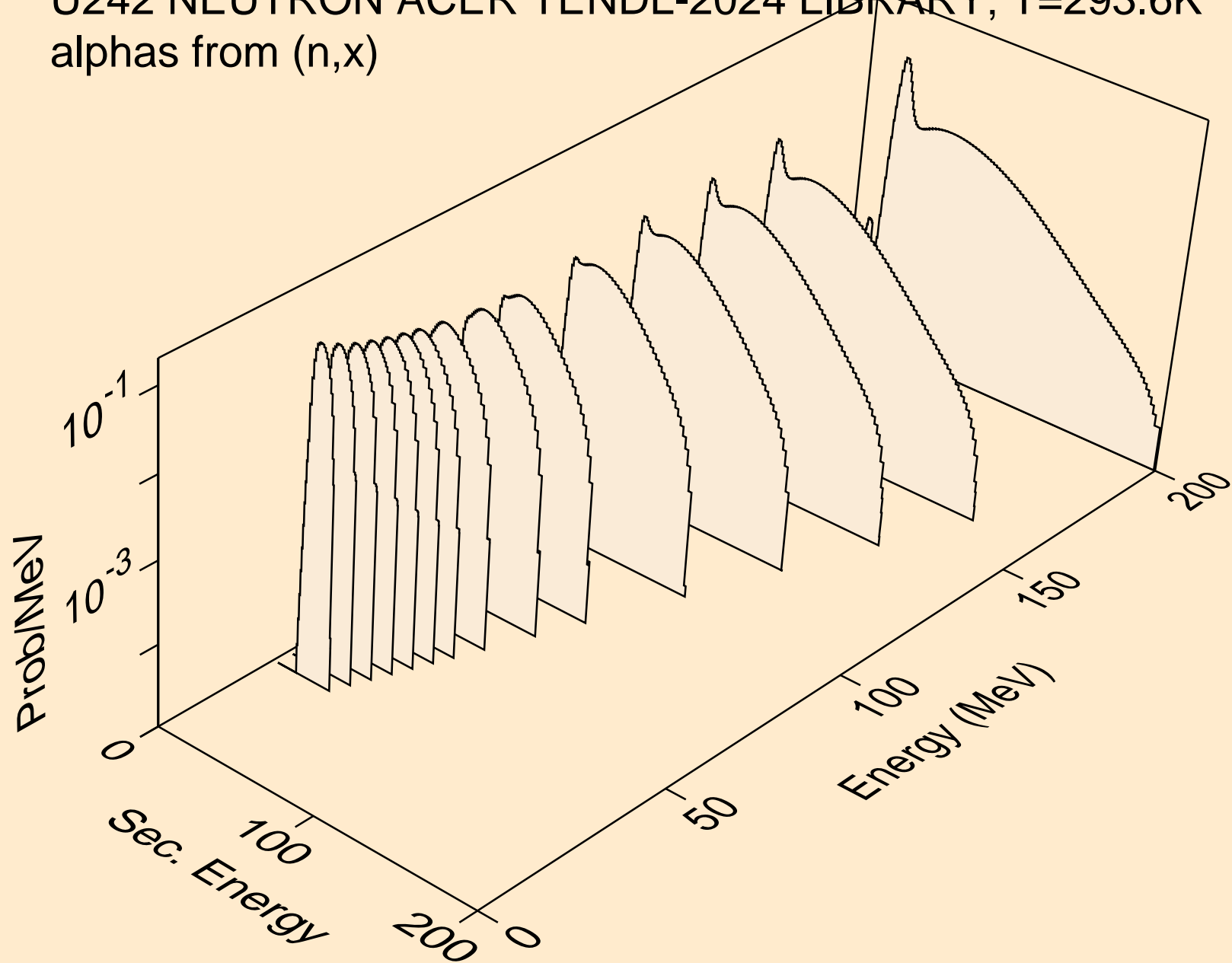
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he3s from (n,n\*)he3



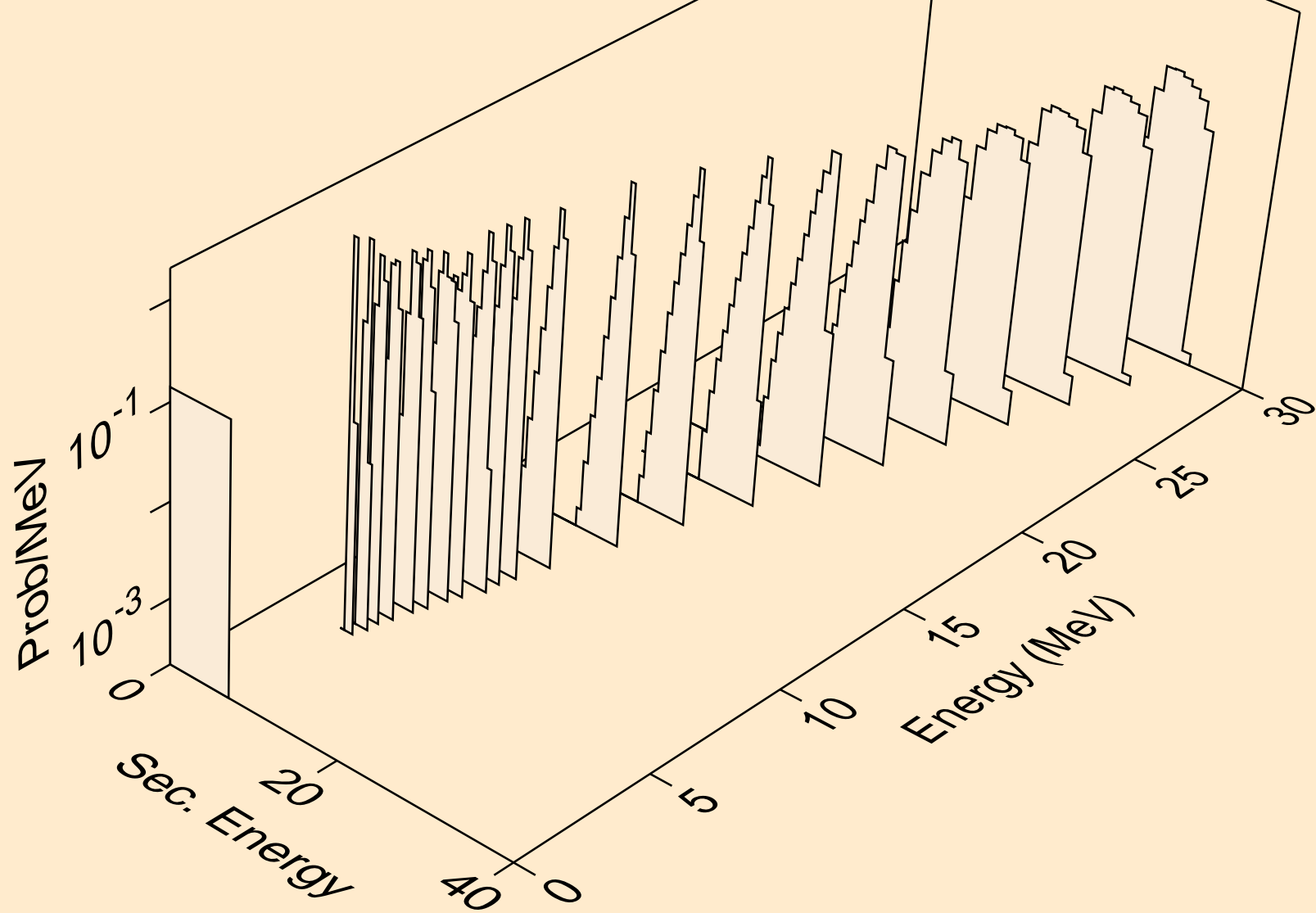
U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
he3s from (n,he3)



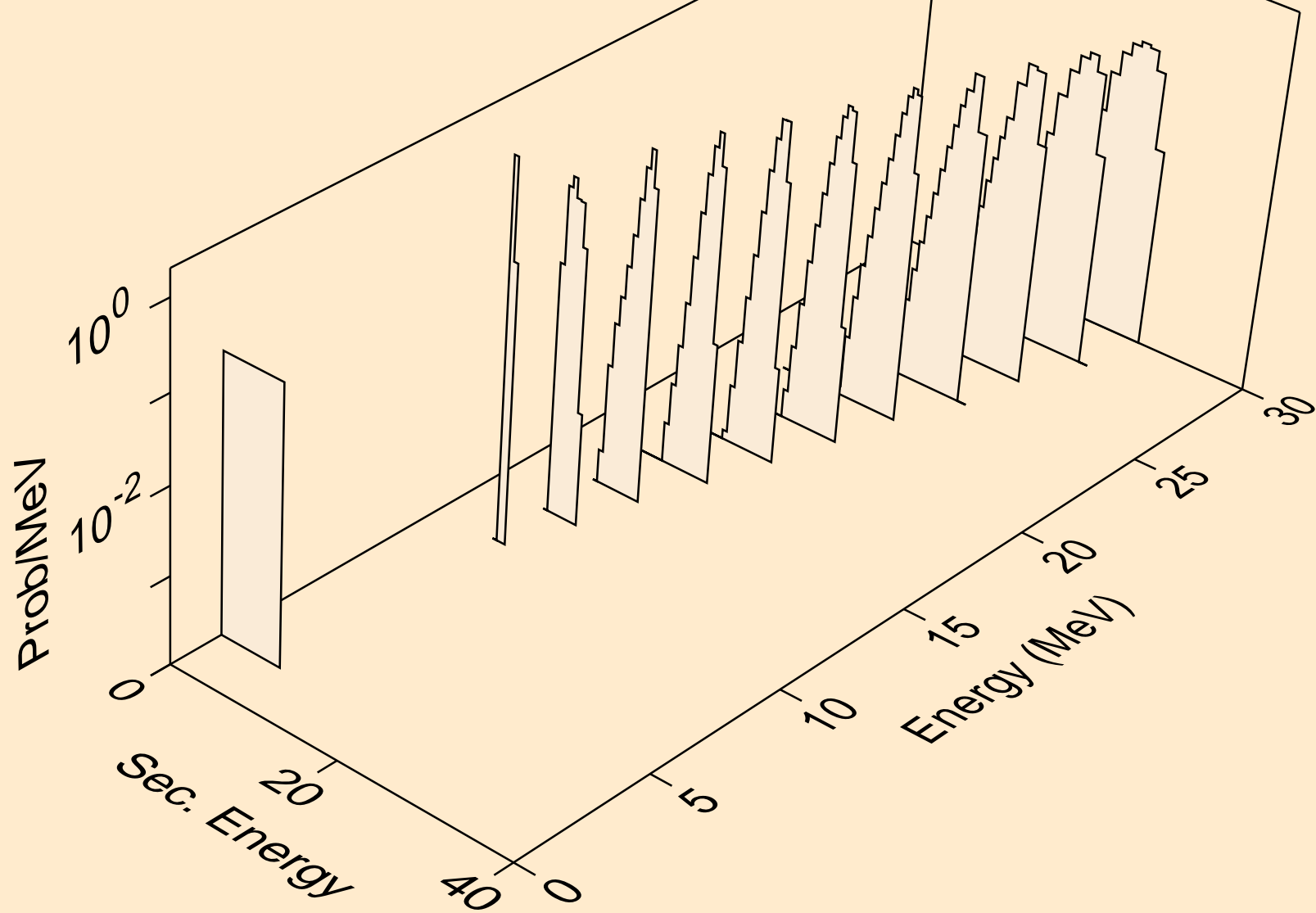
U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,x)



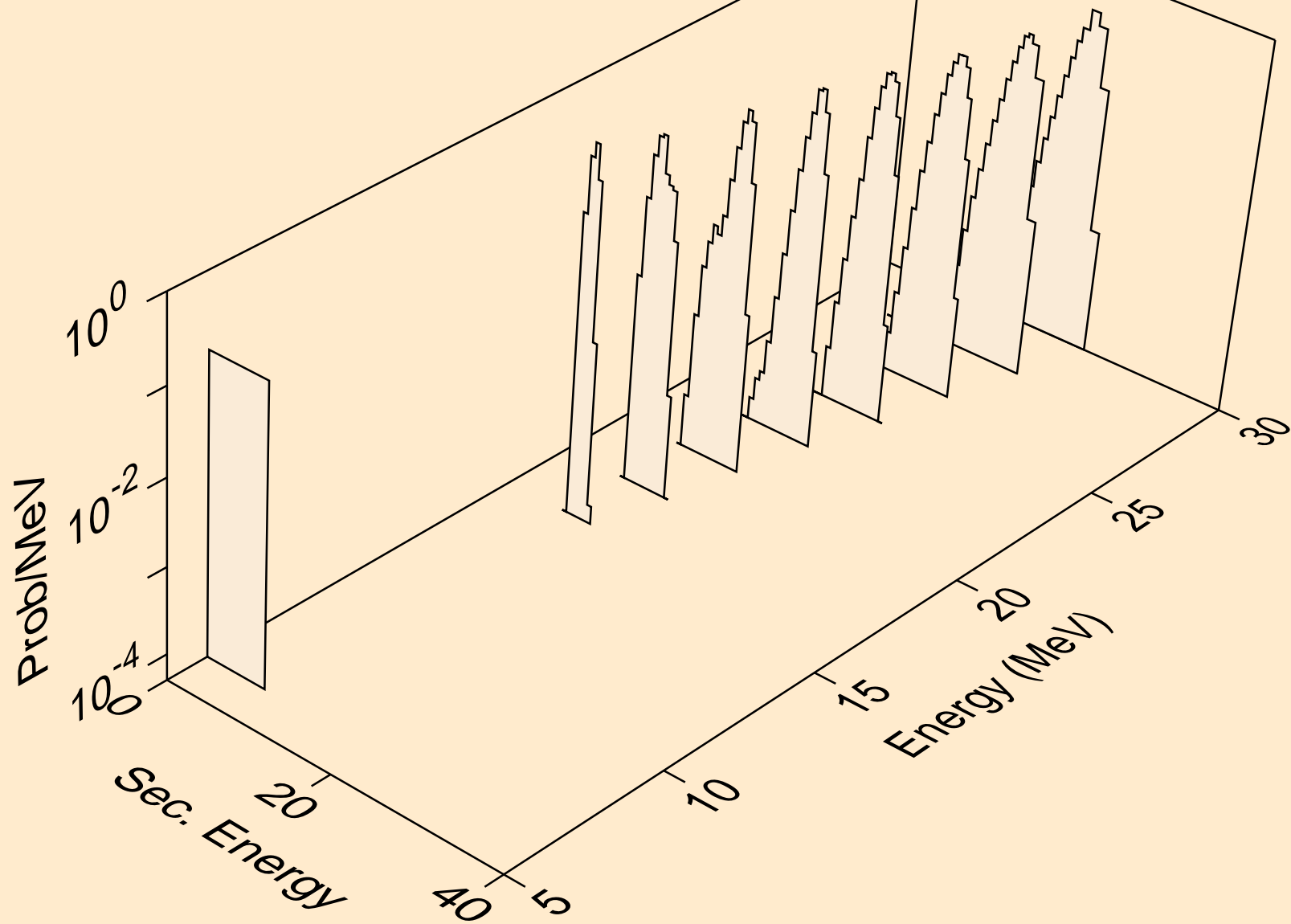
U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,n\*)a



U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,2n)a



U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,3n)a



U242 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,a)

