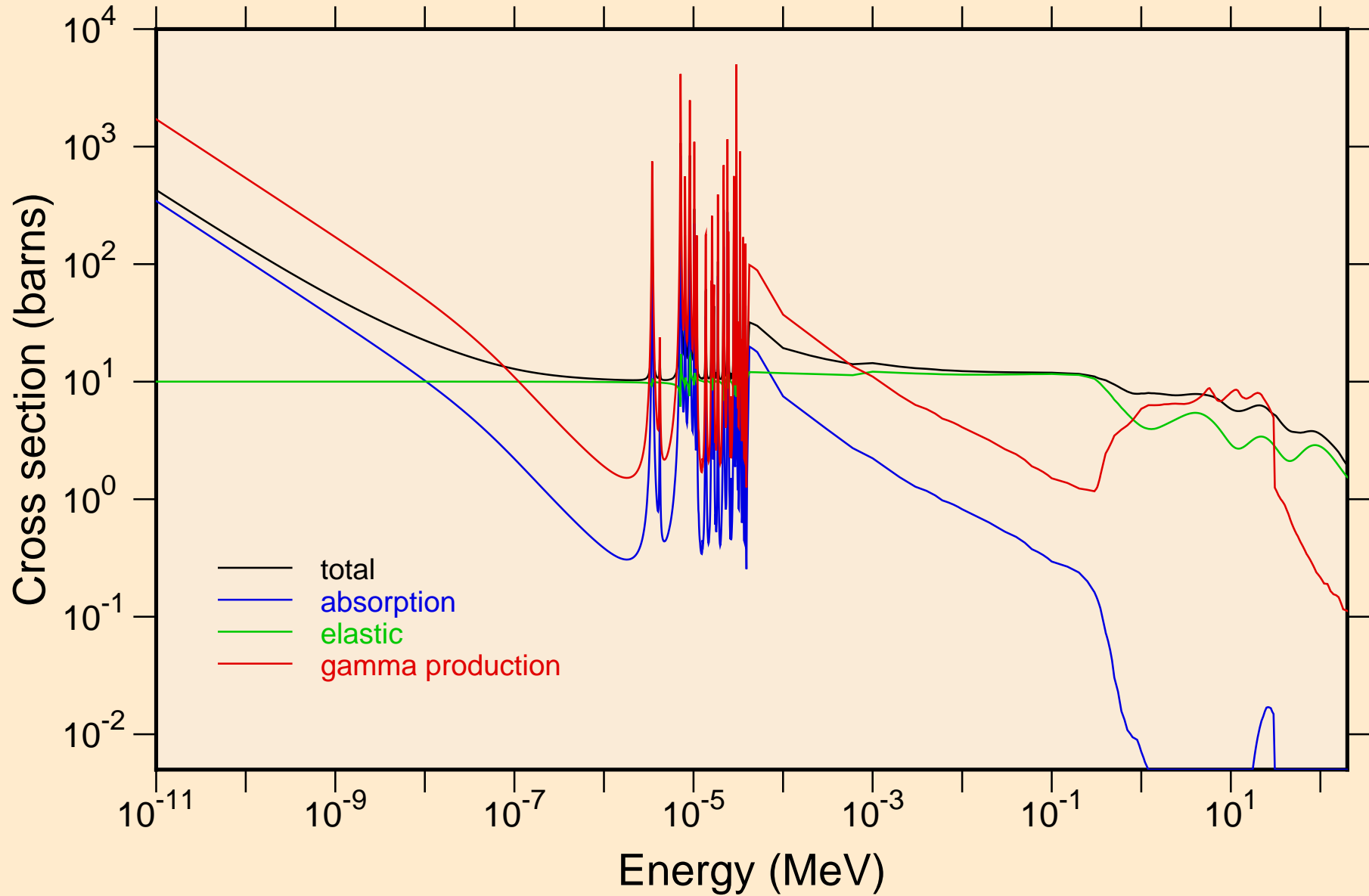
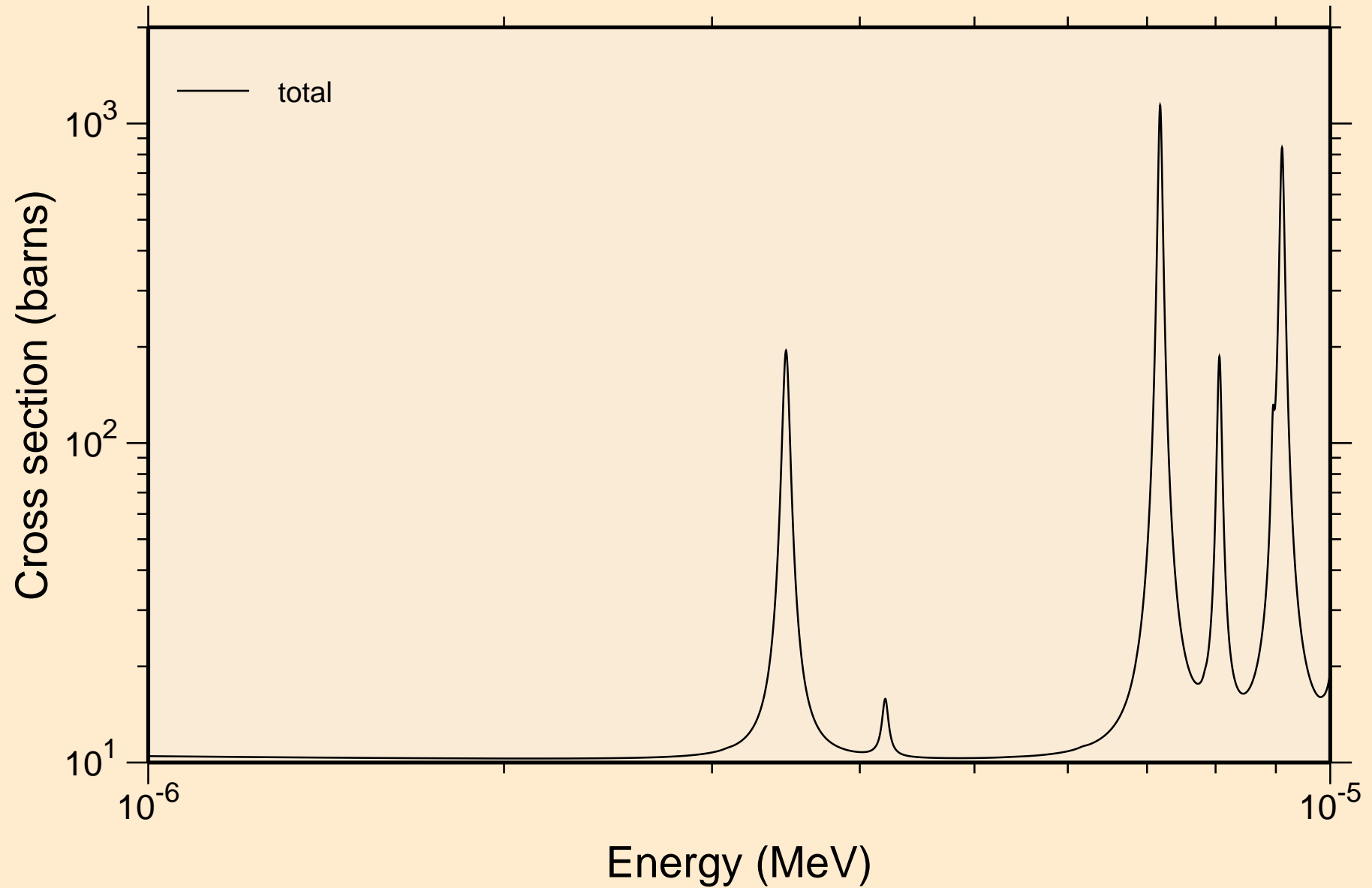


# AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

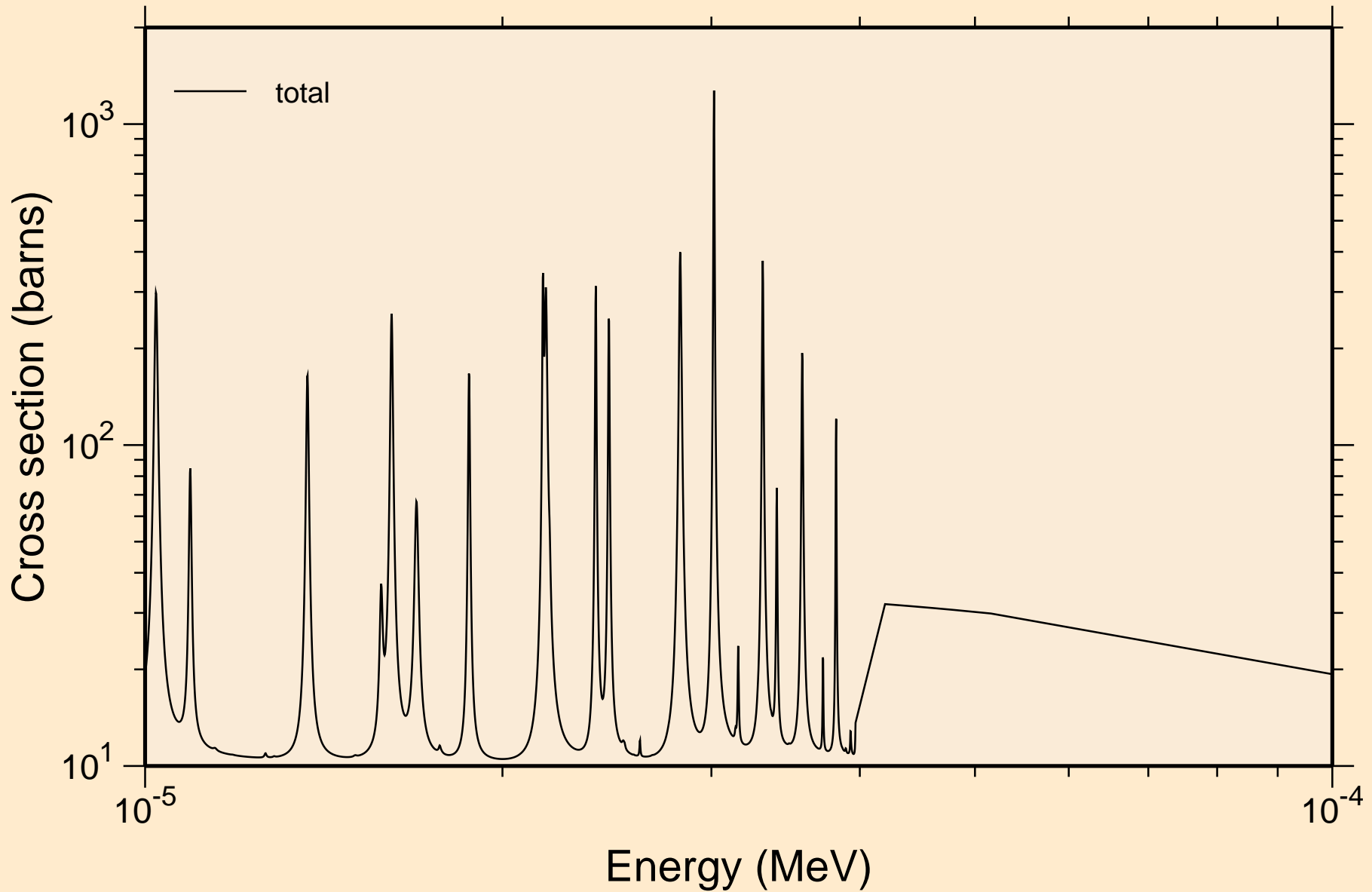
## Principal cross sections



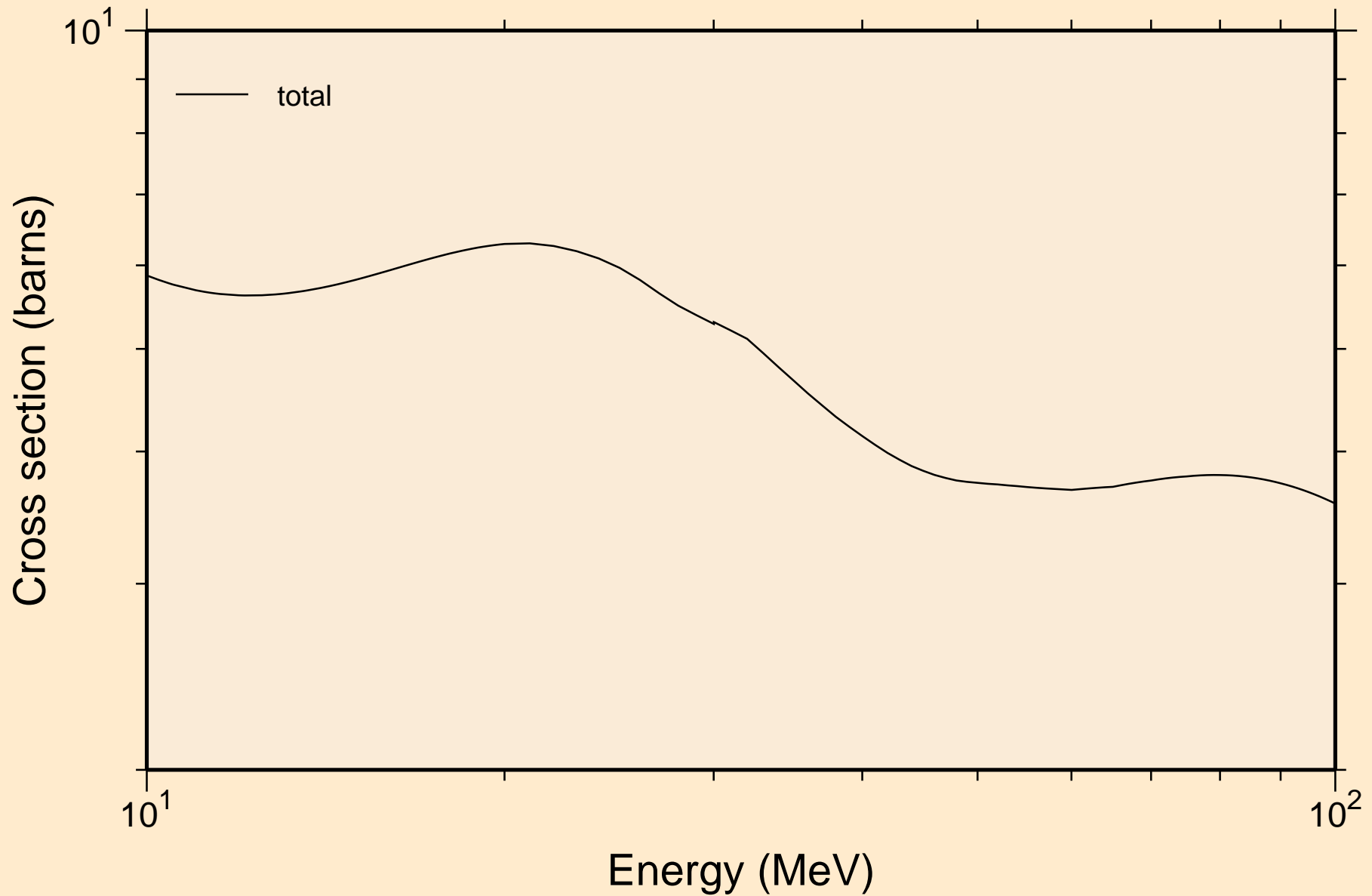
AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



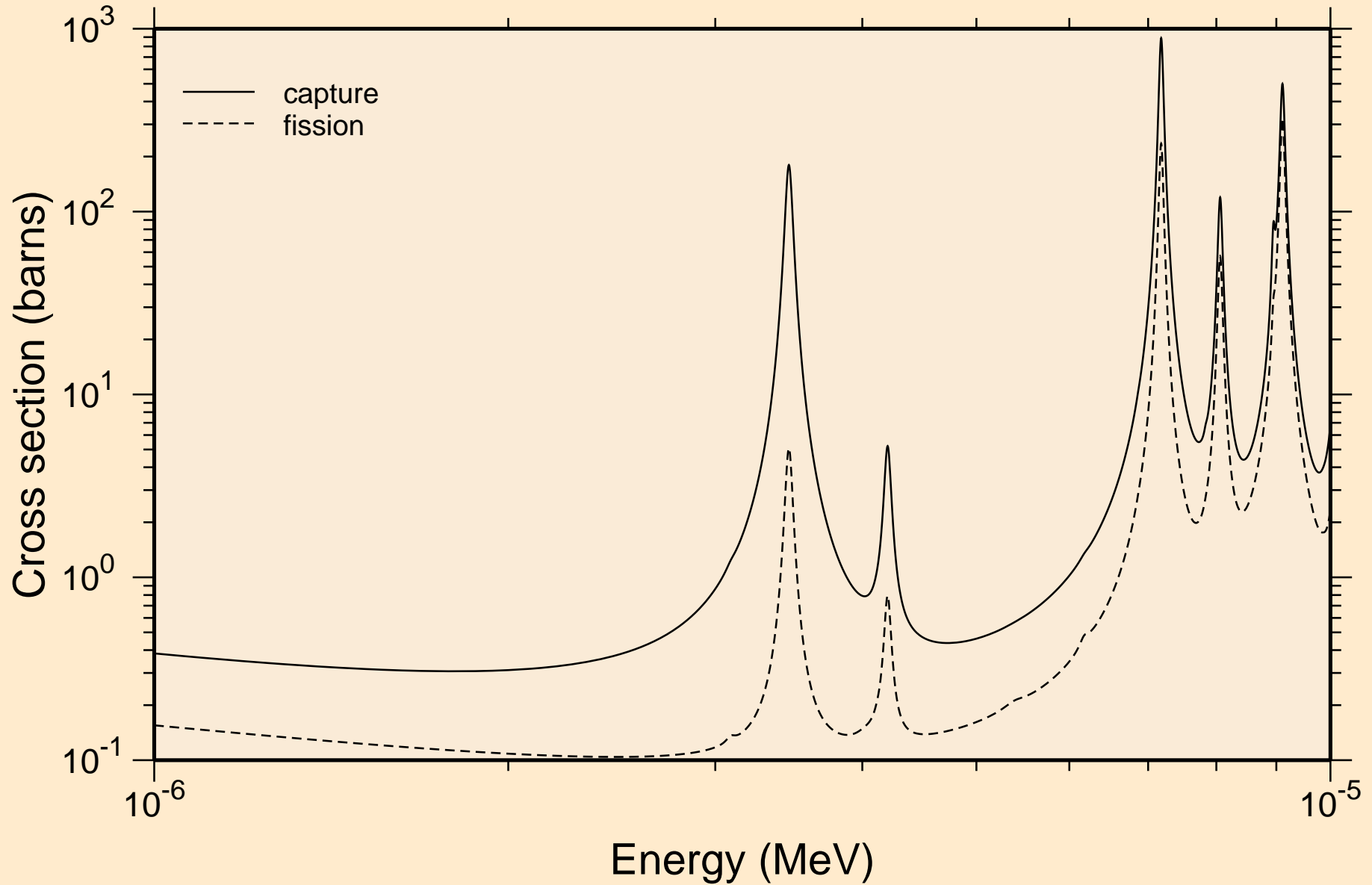
AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section

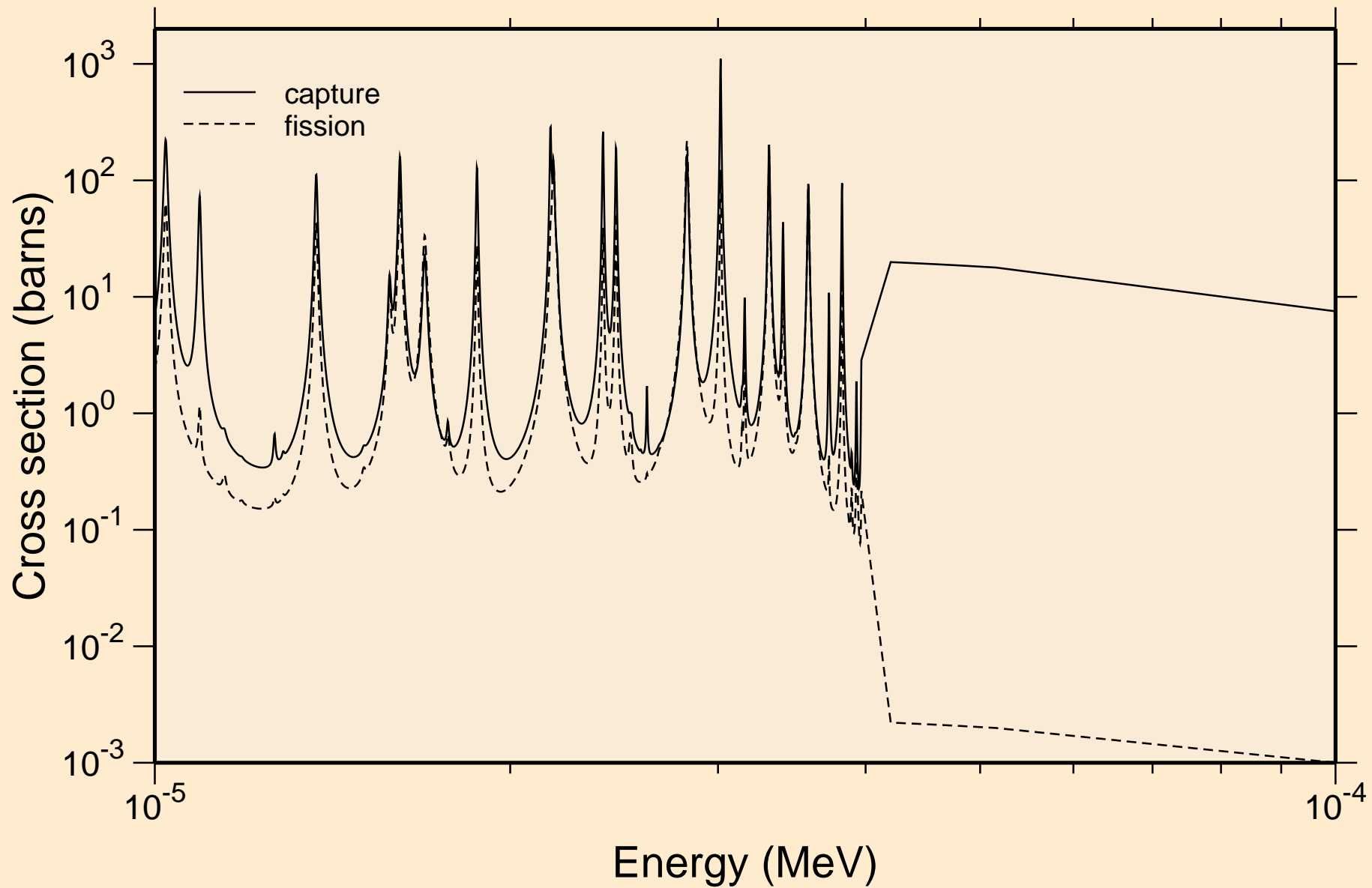


AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

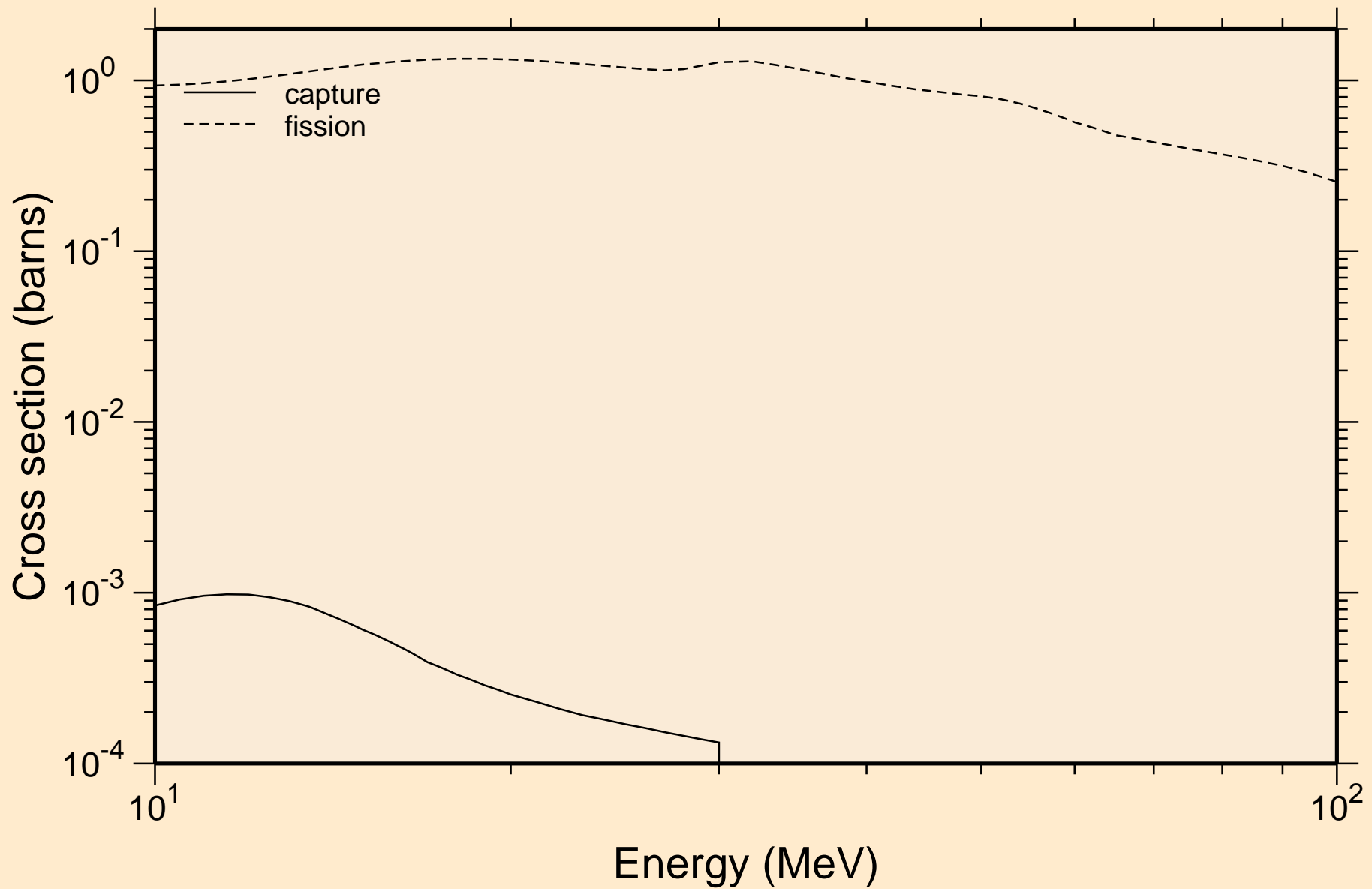


# AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## resonance absorption cross sections

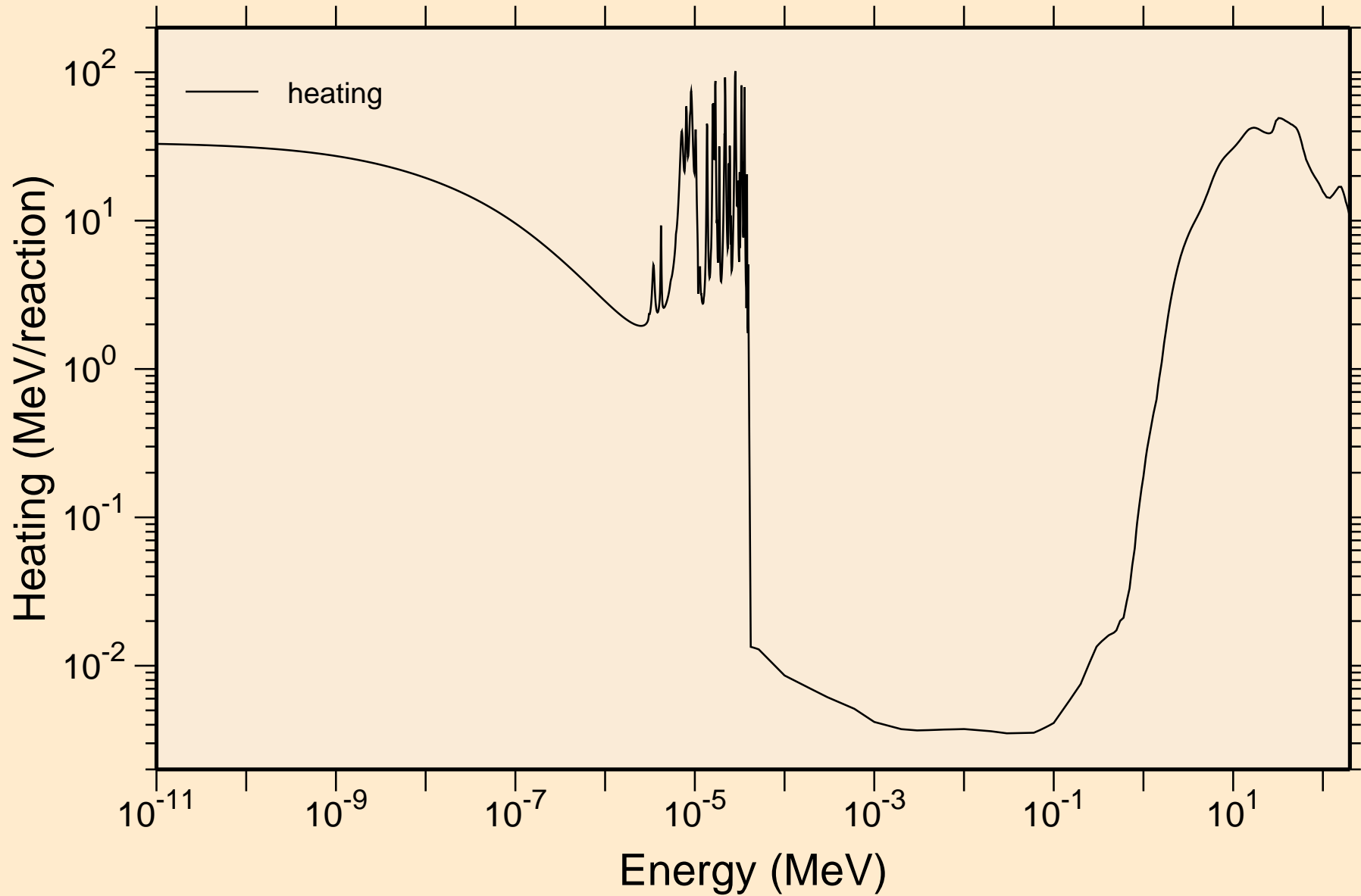


AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

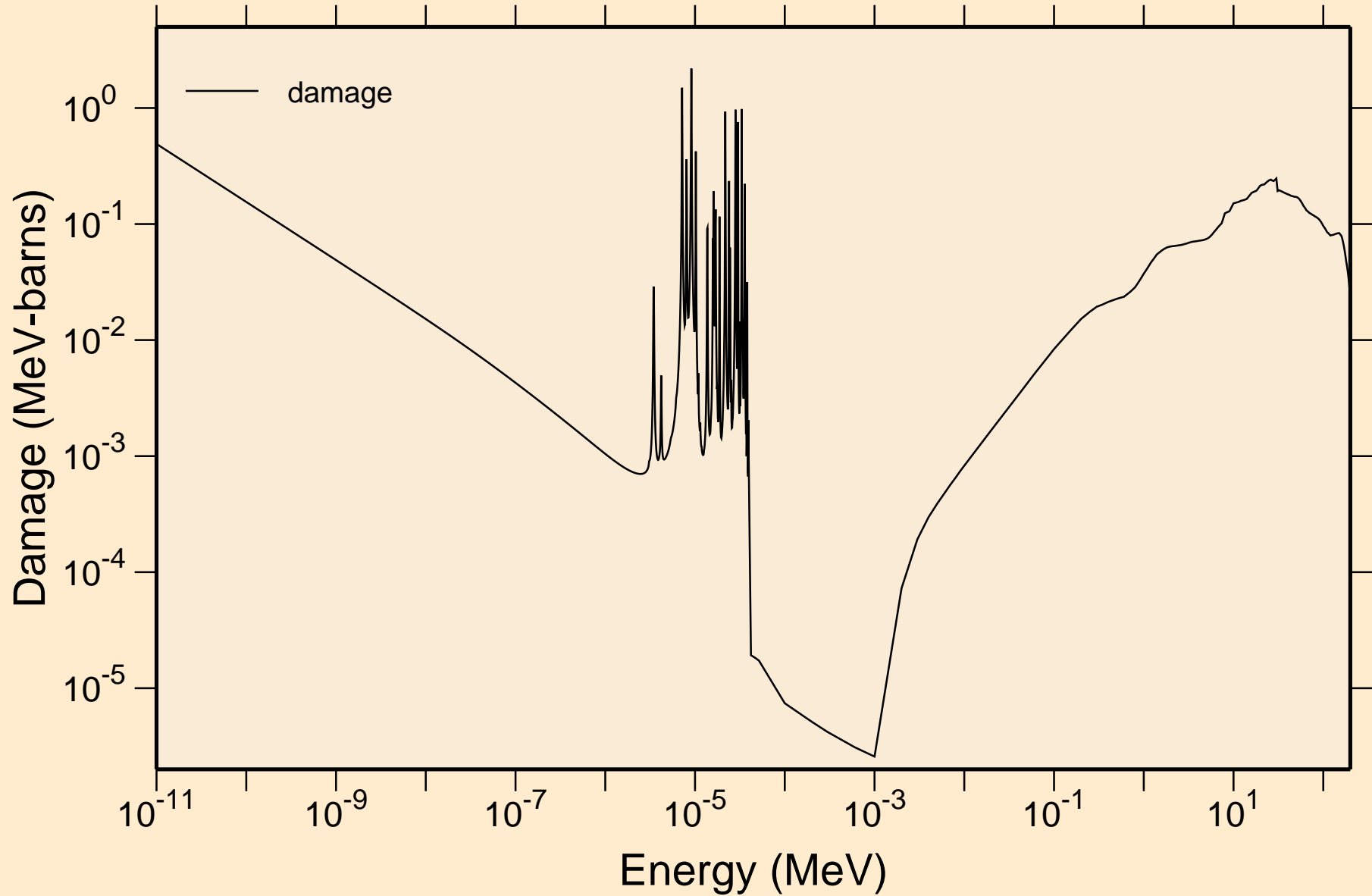


# AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating

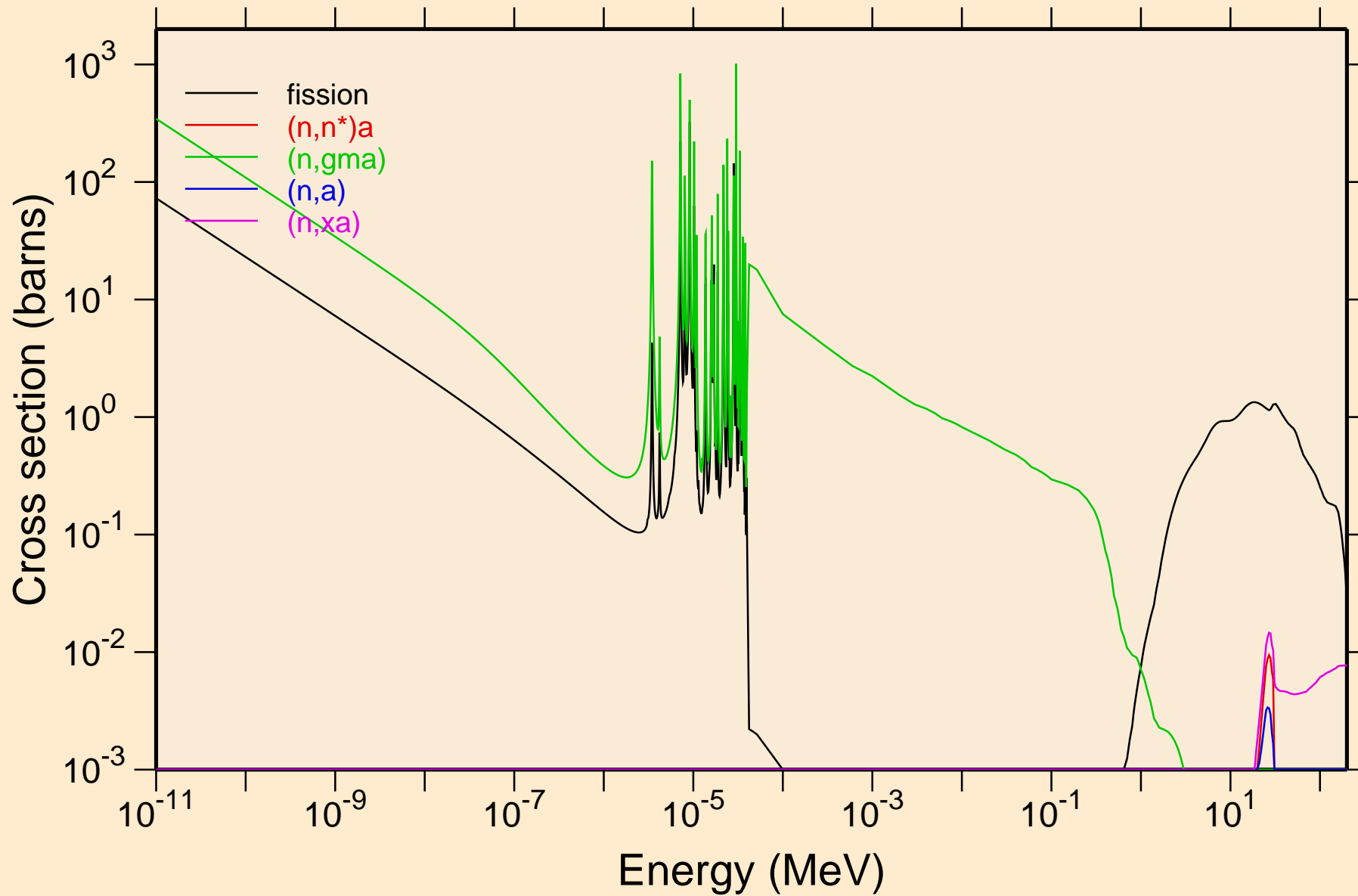


AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



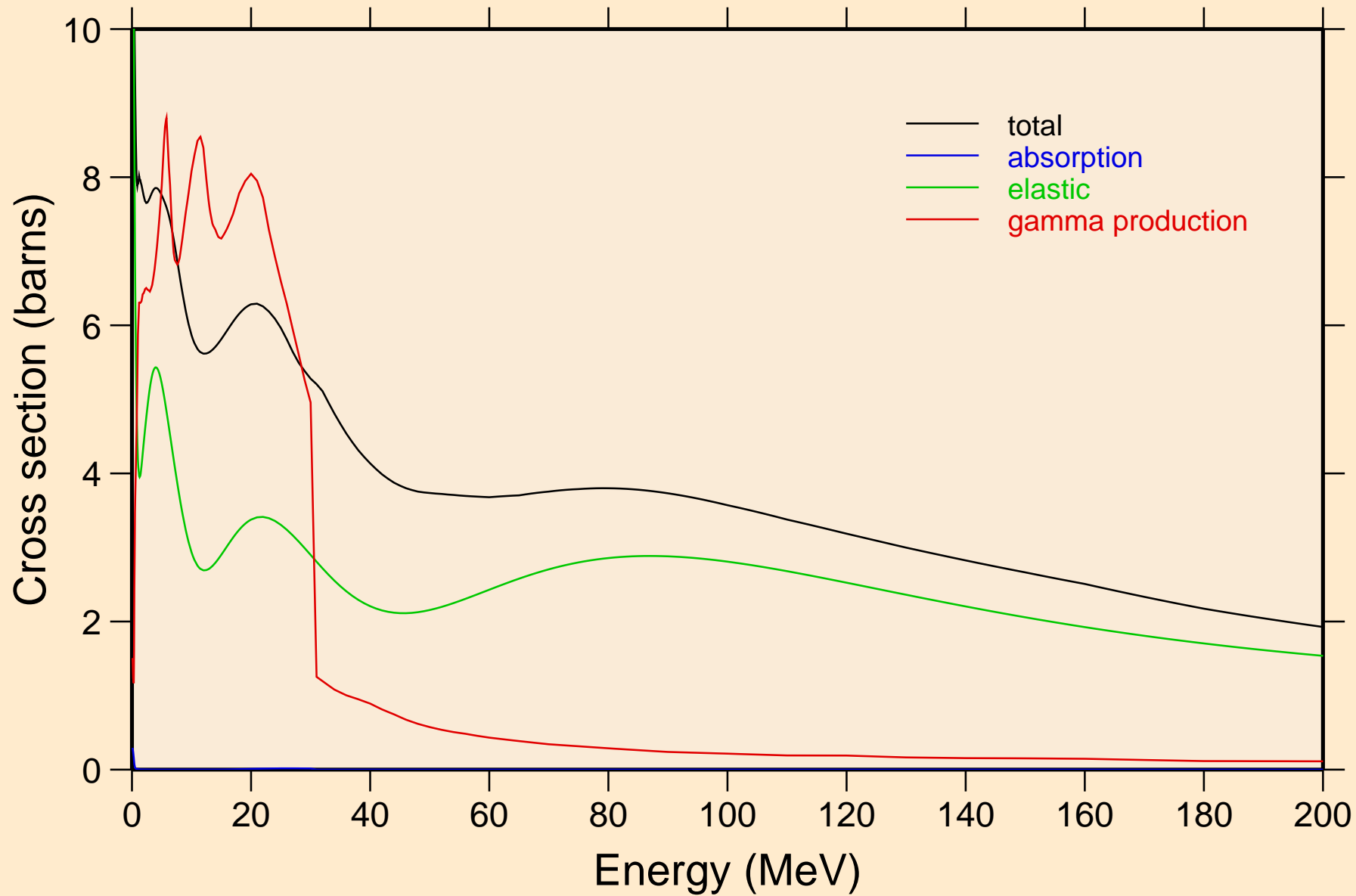
# AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions



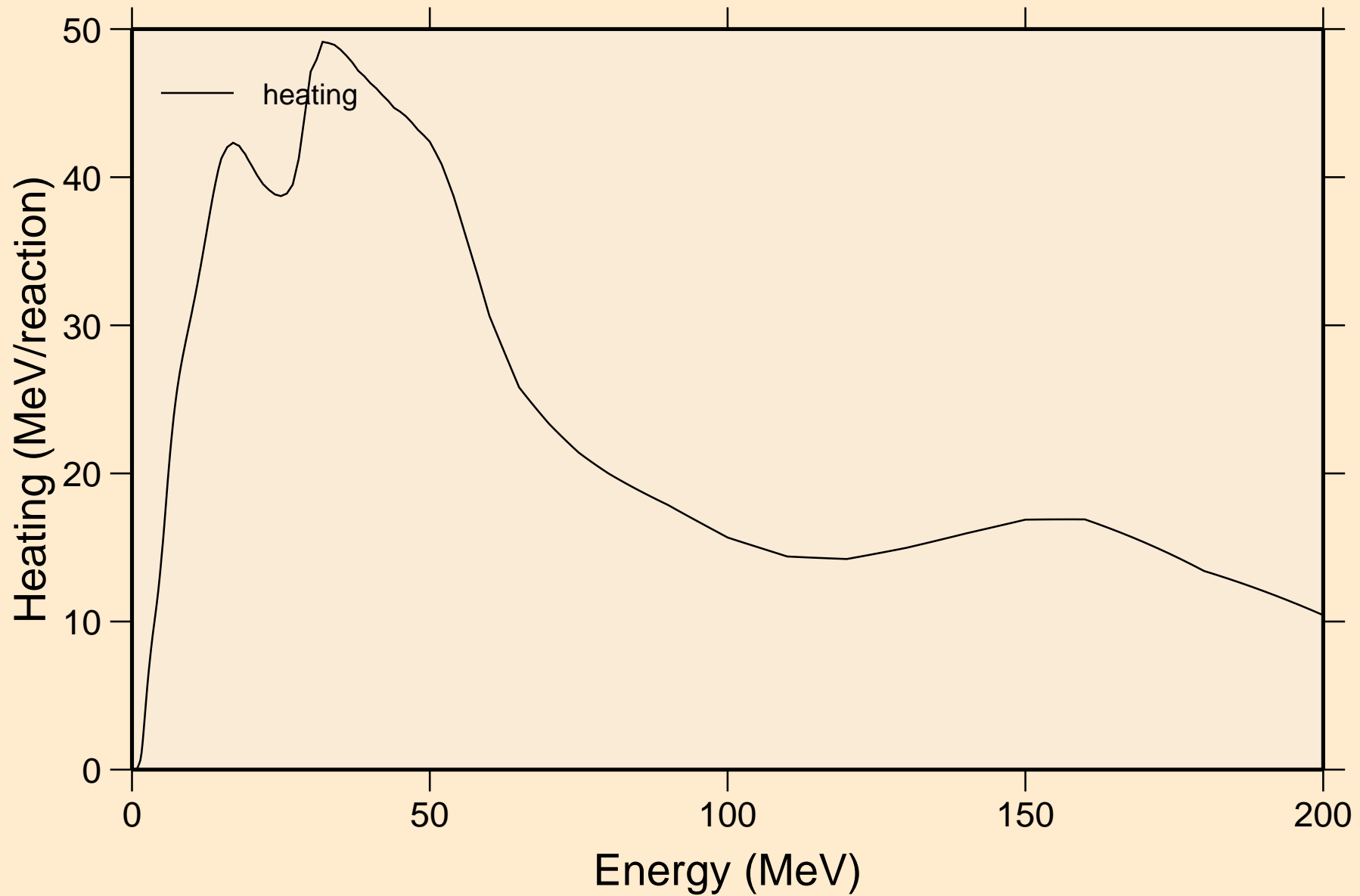
# AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



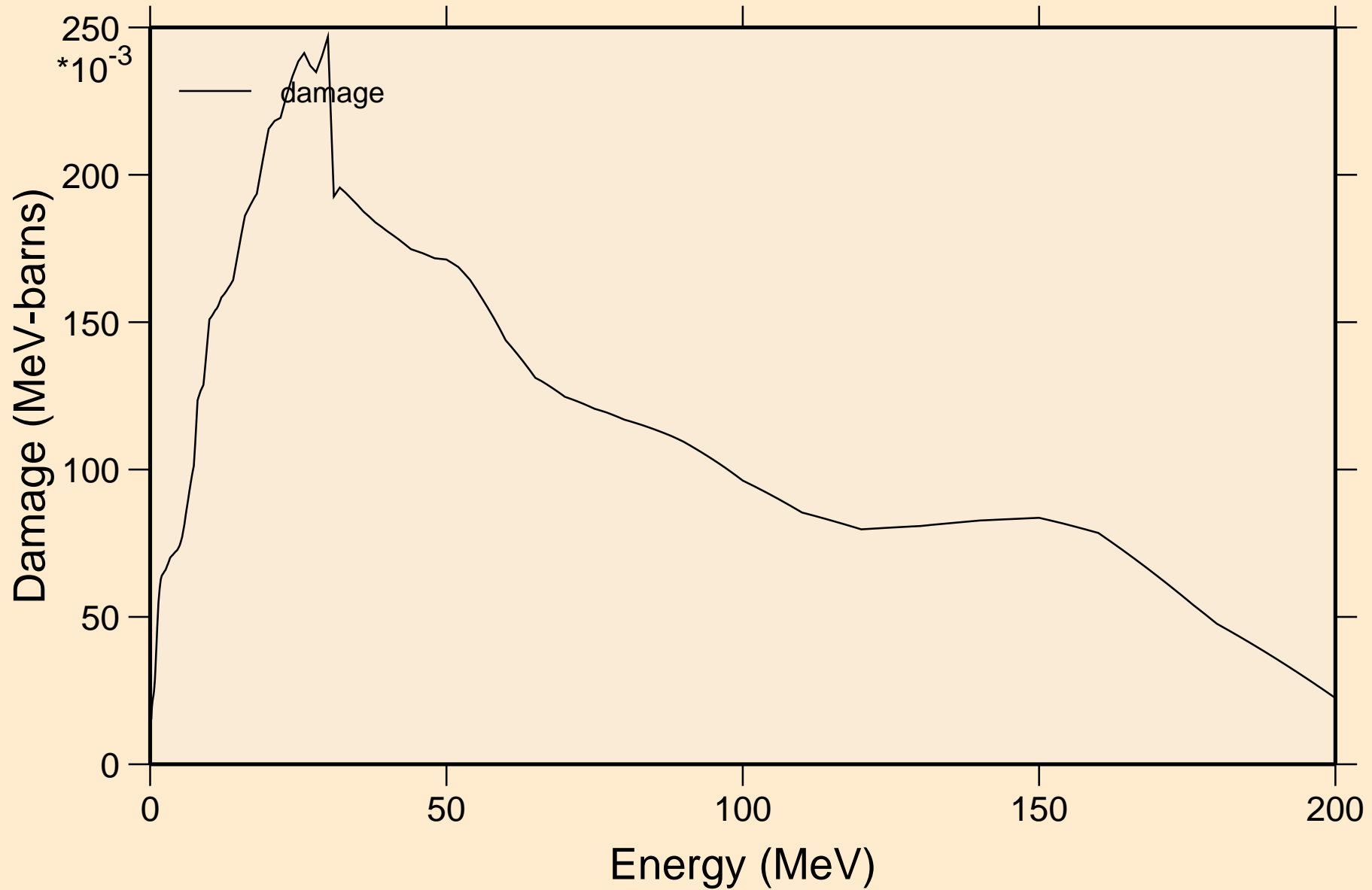
# AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



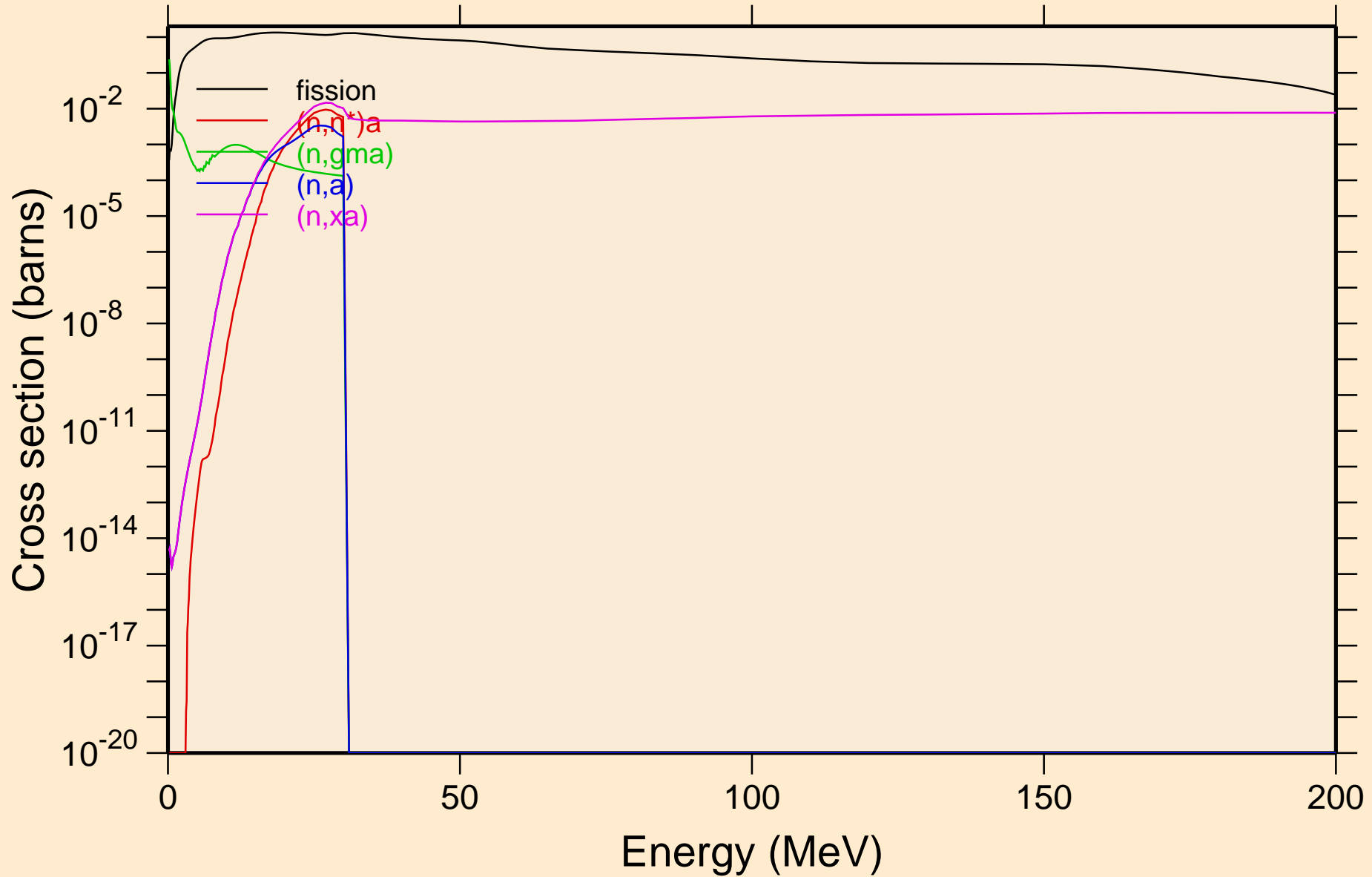
# AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

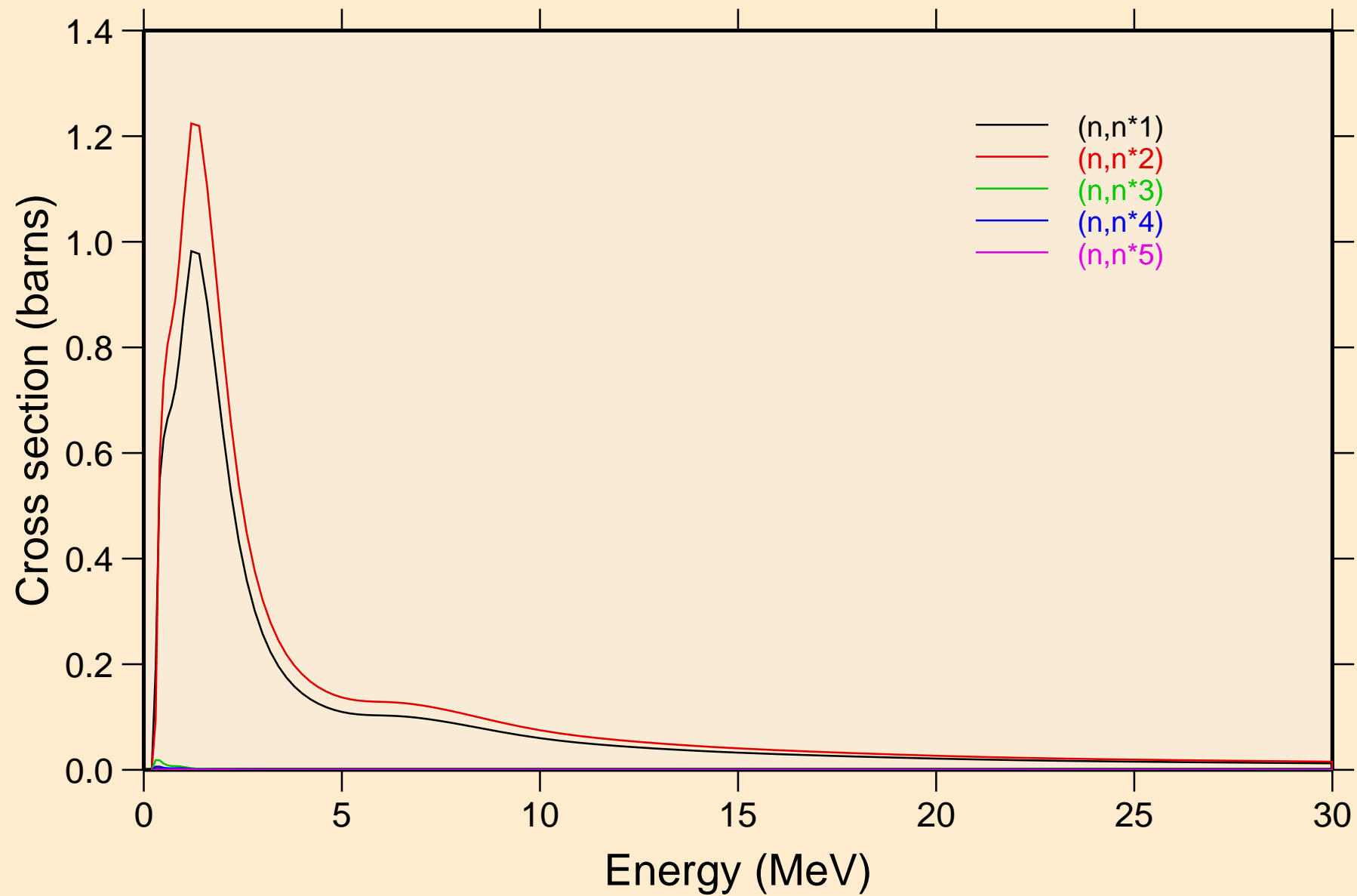


# AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

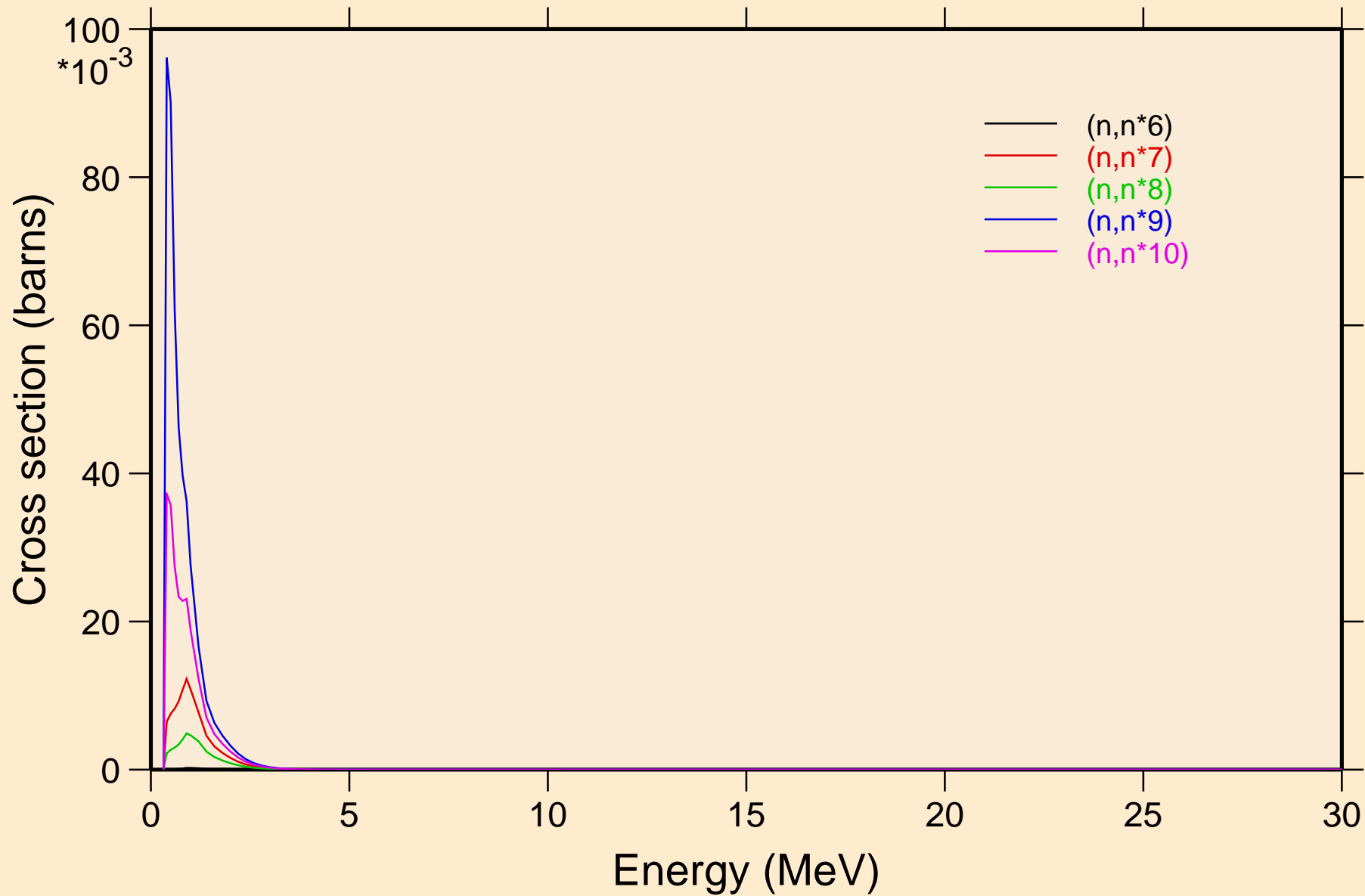
## Non-threshold reactions



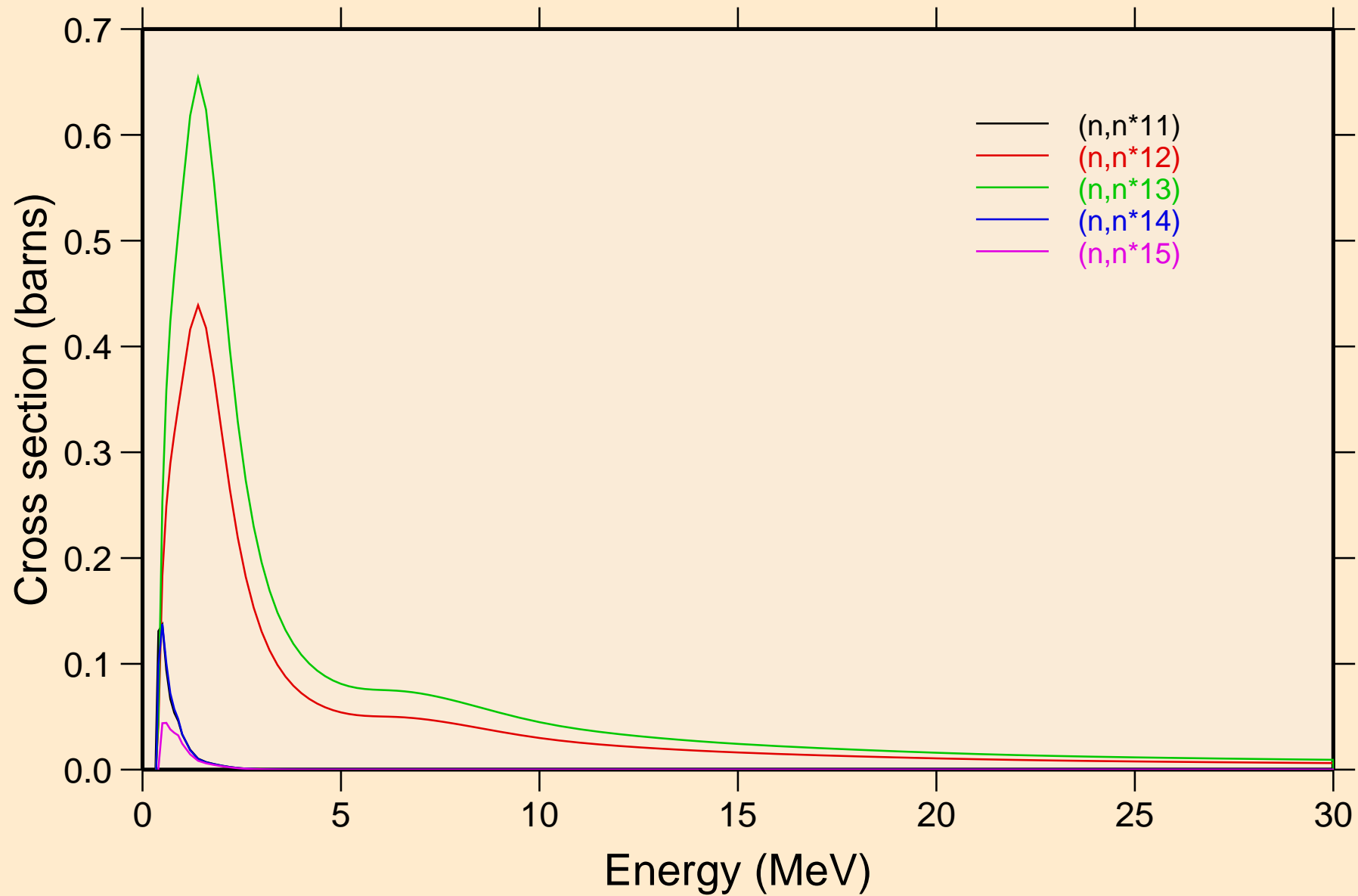
AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



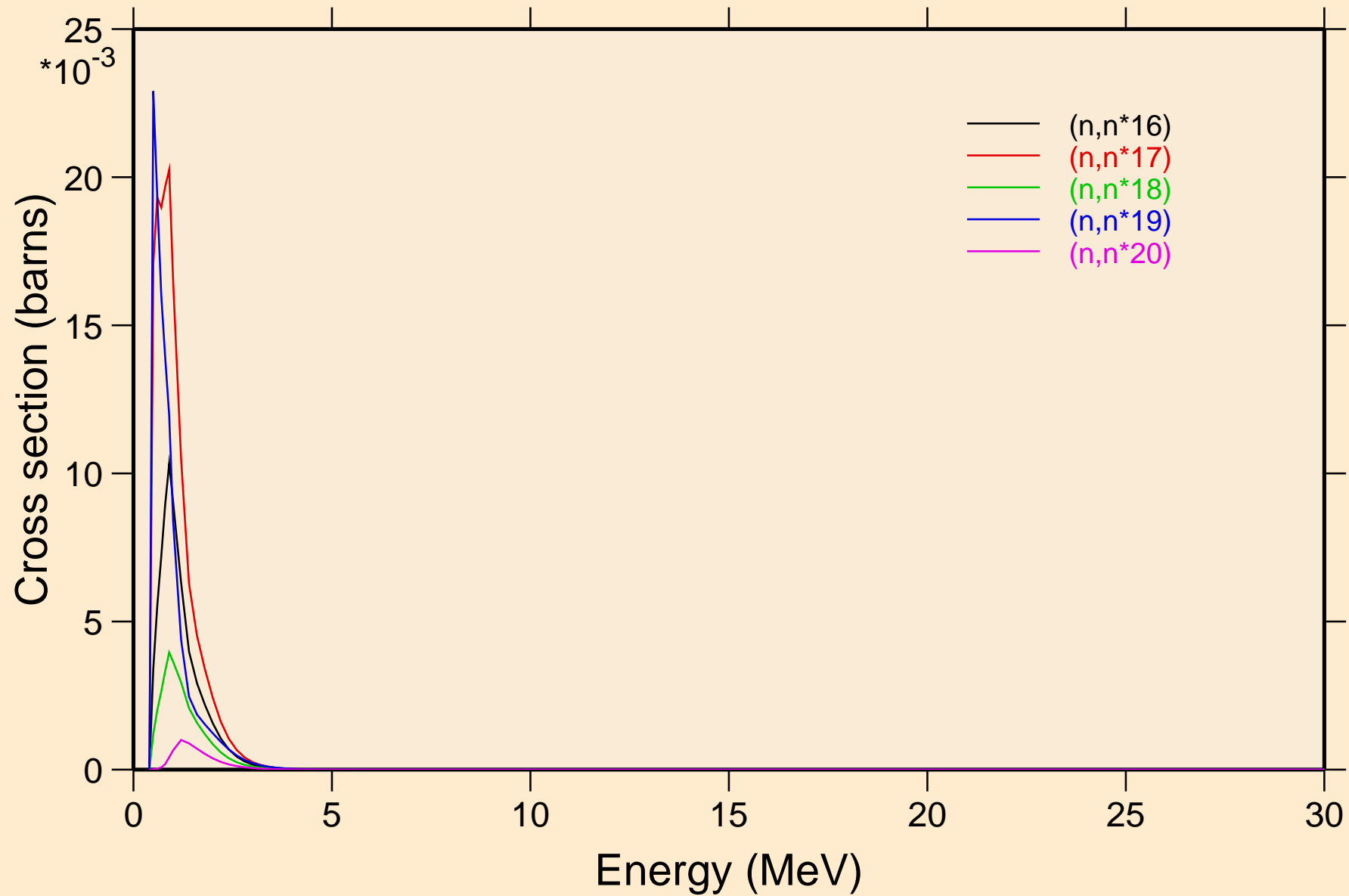
AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



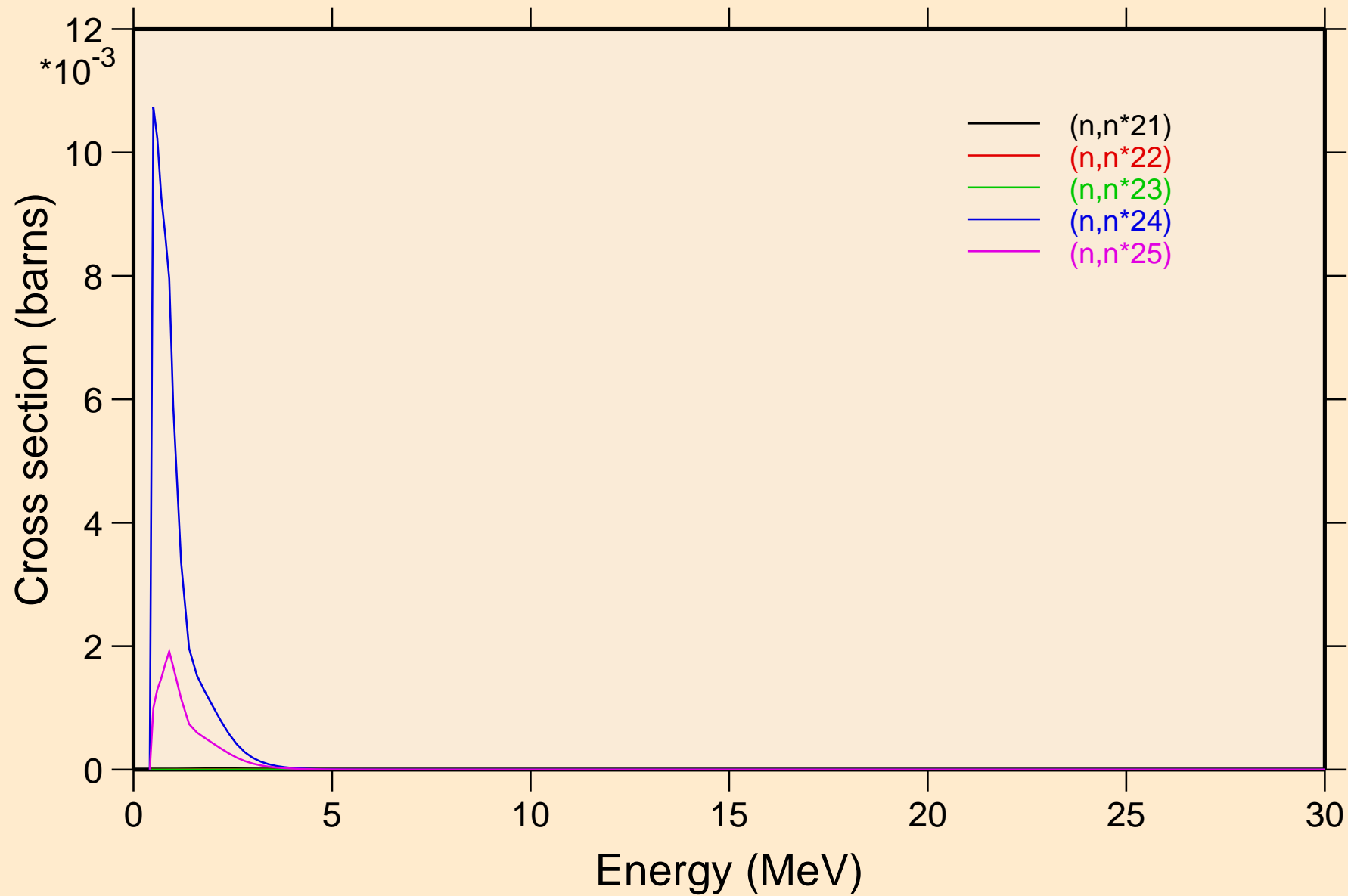
AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



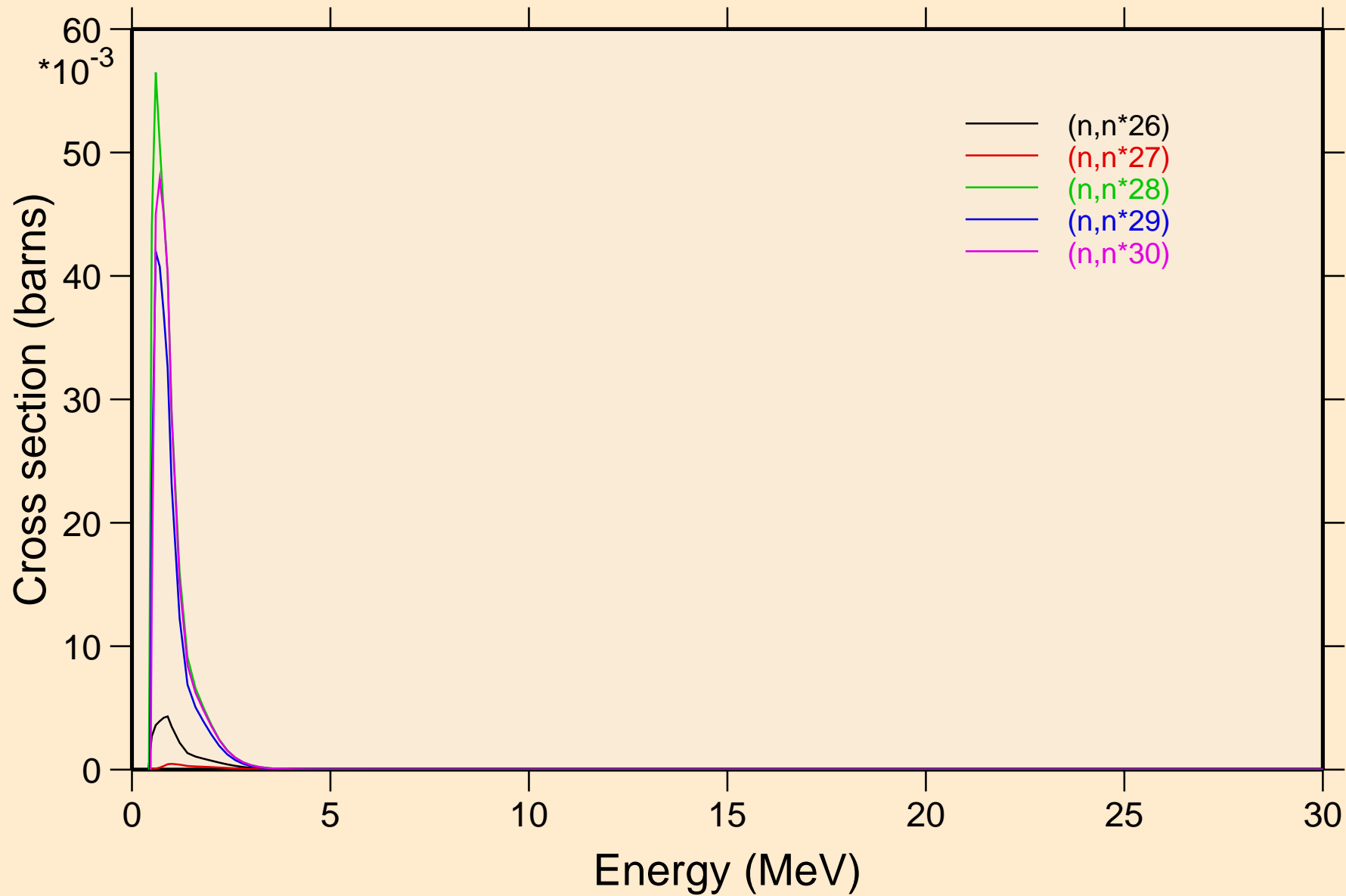
AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

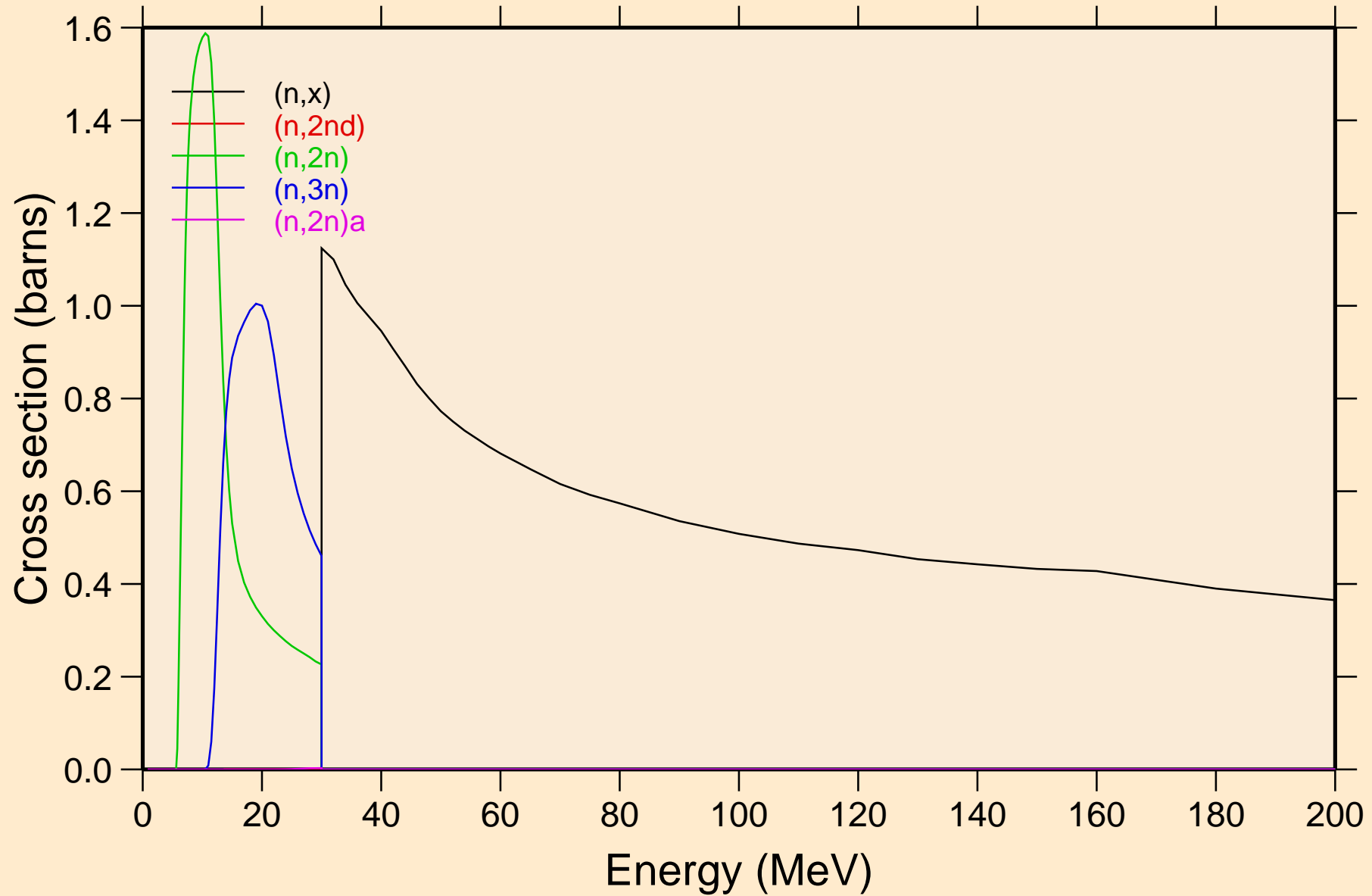


AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

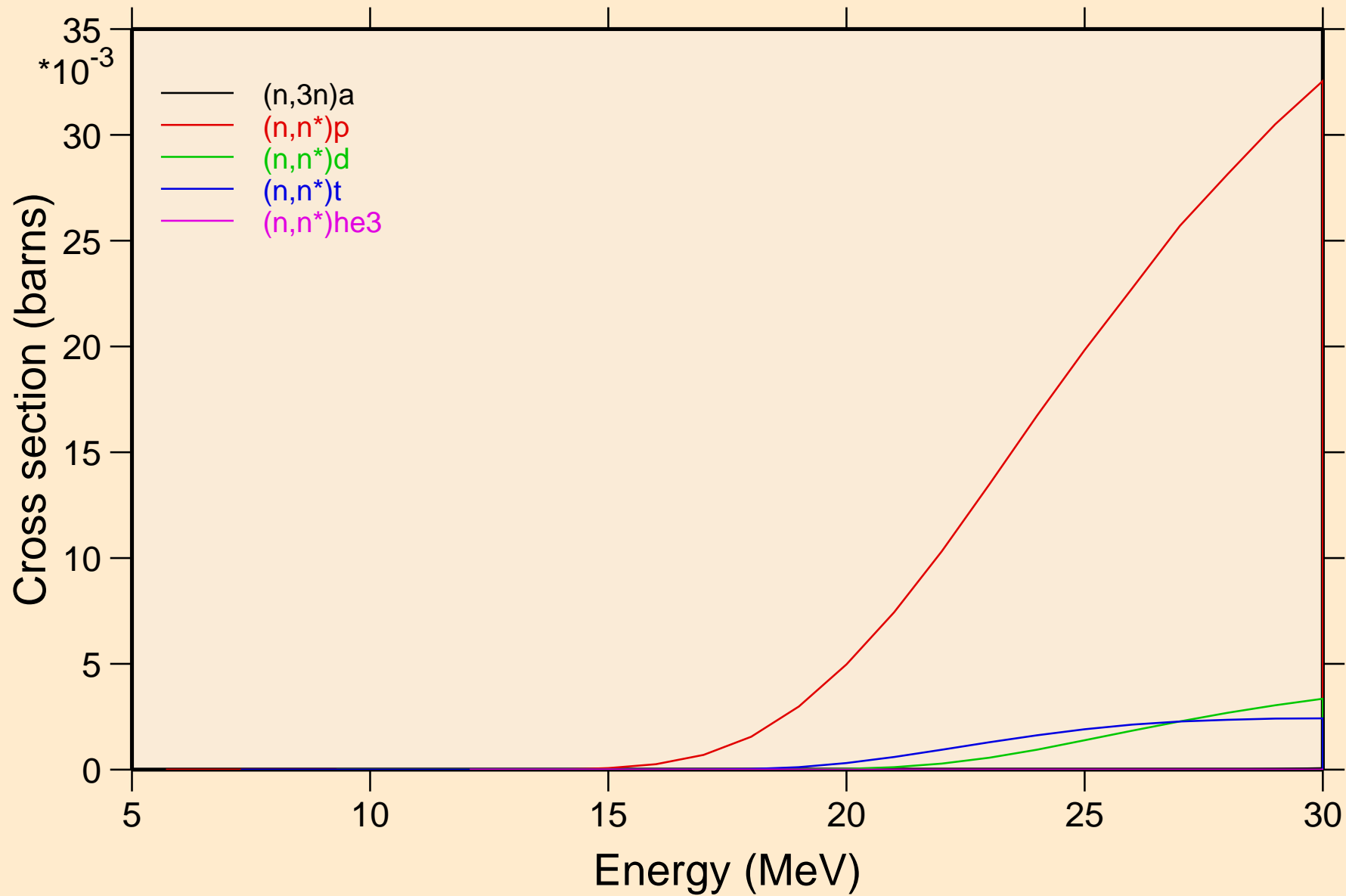


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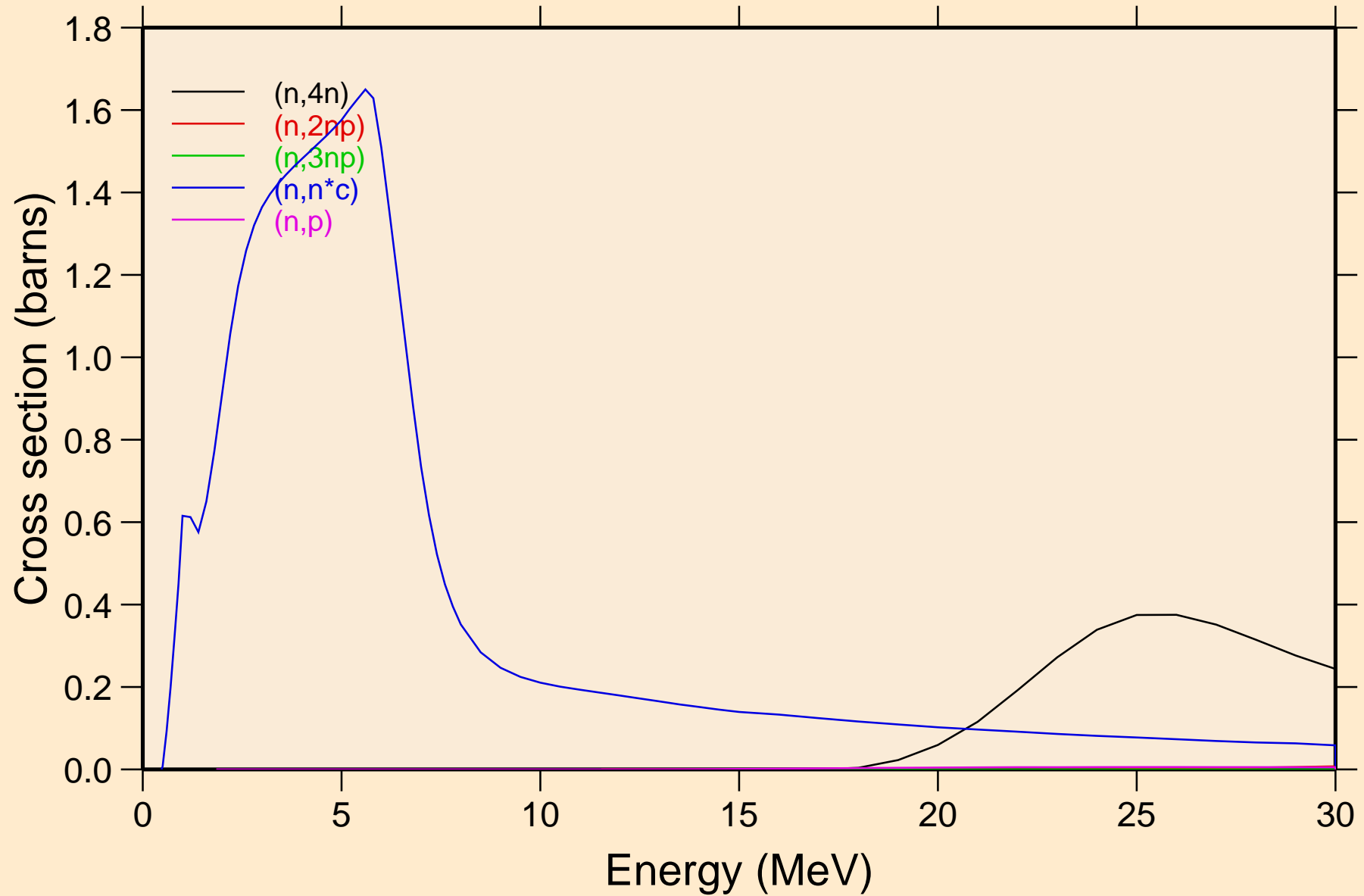
## Threshold reactions



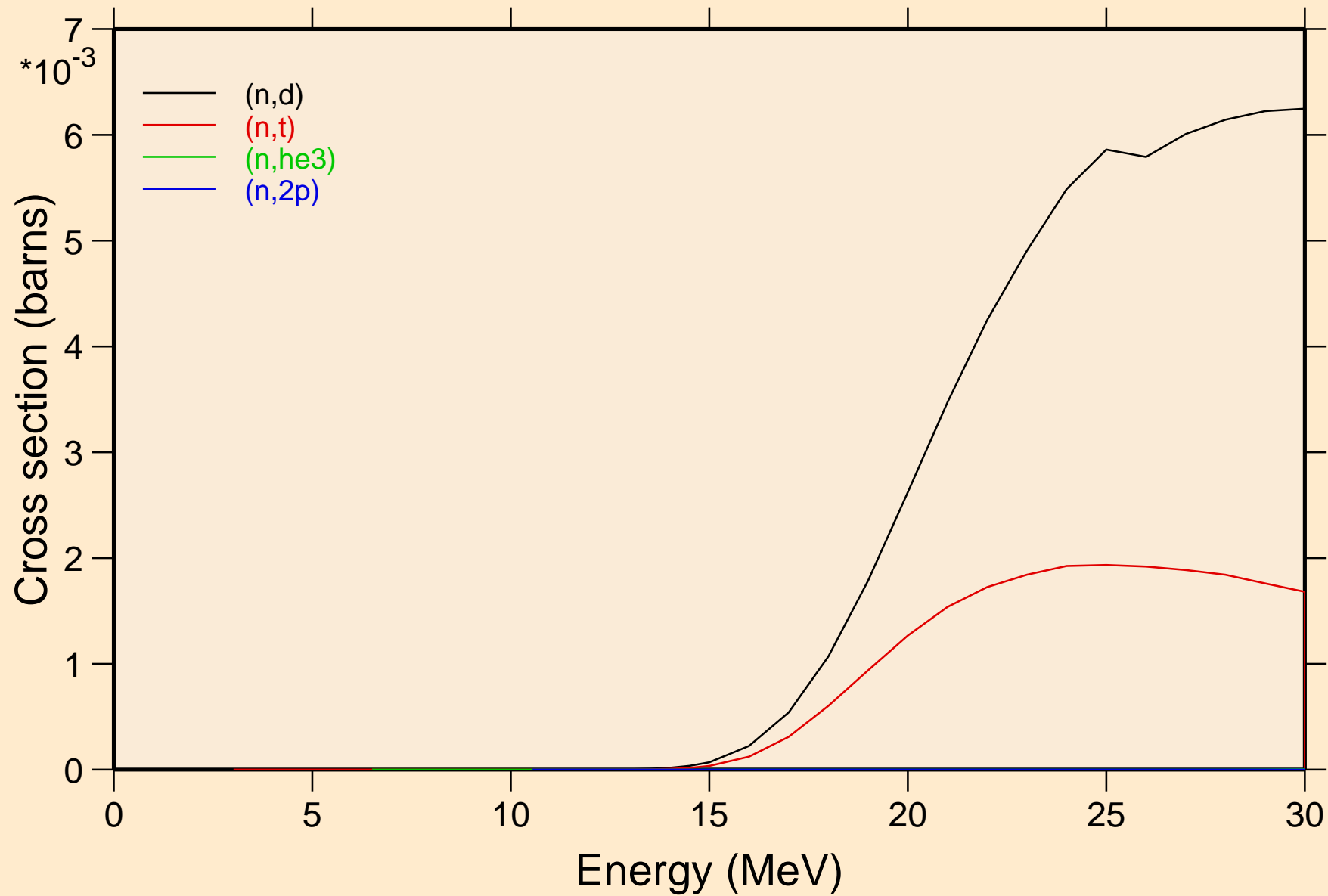
AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

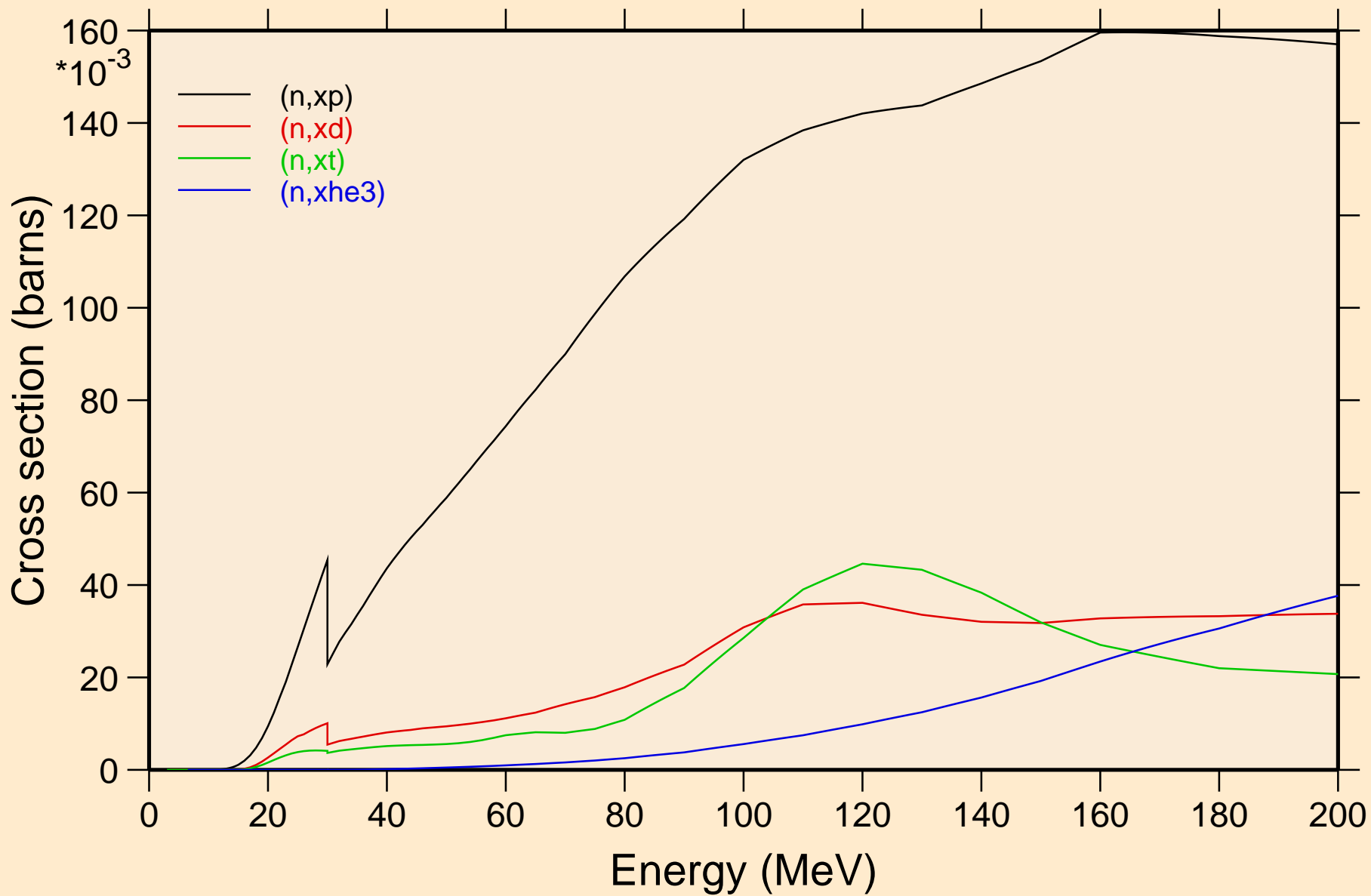


AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

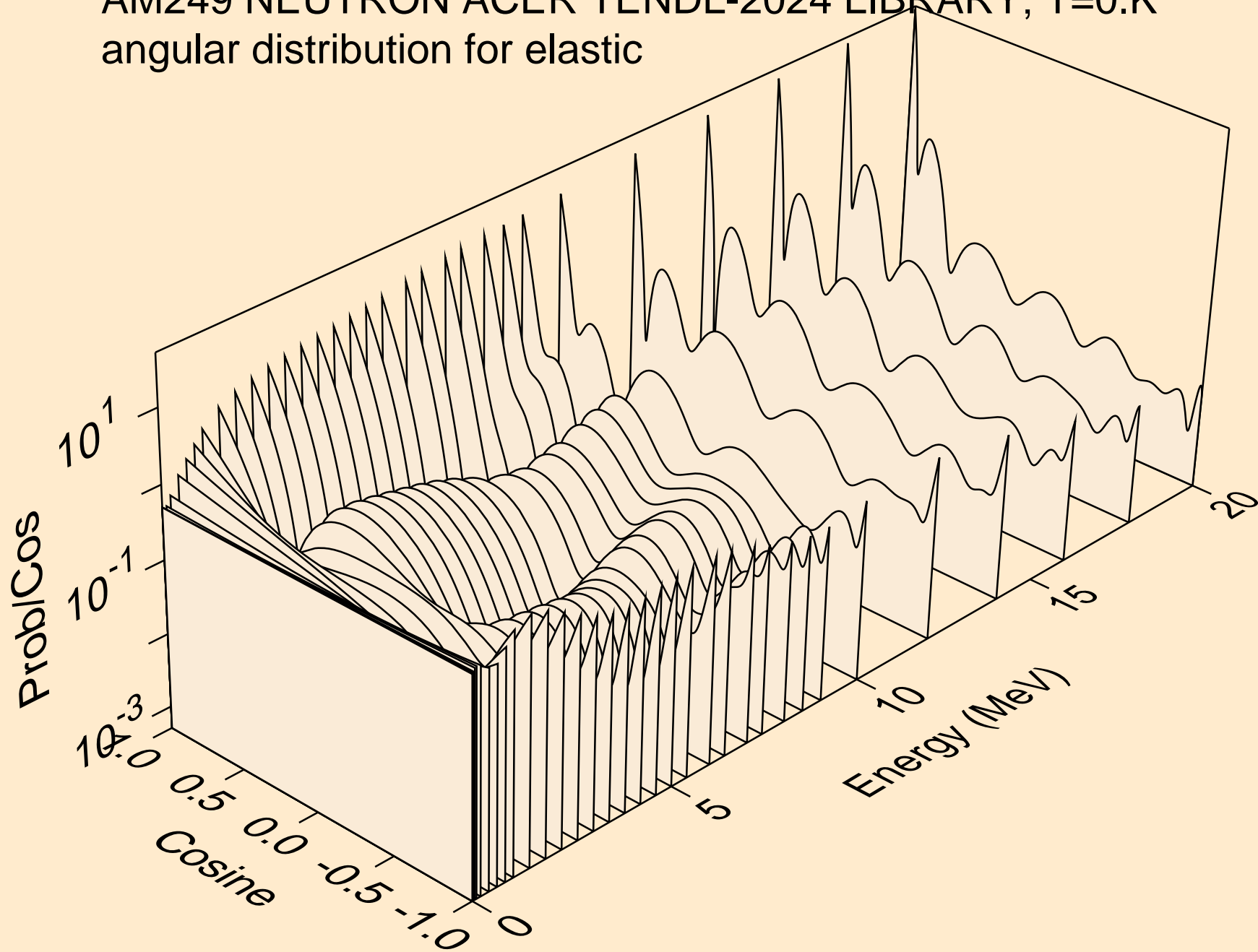


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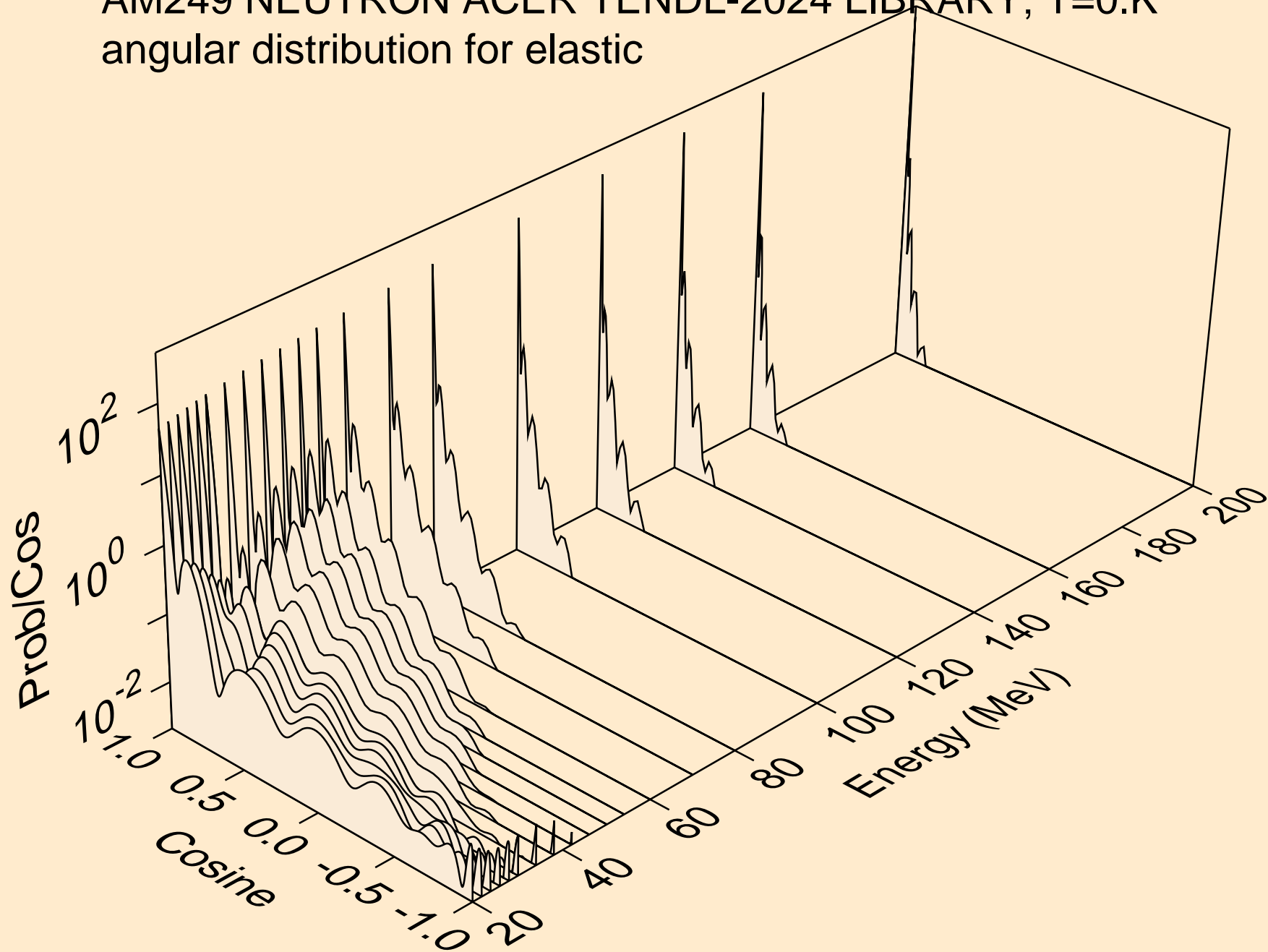
## Threshold reactions



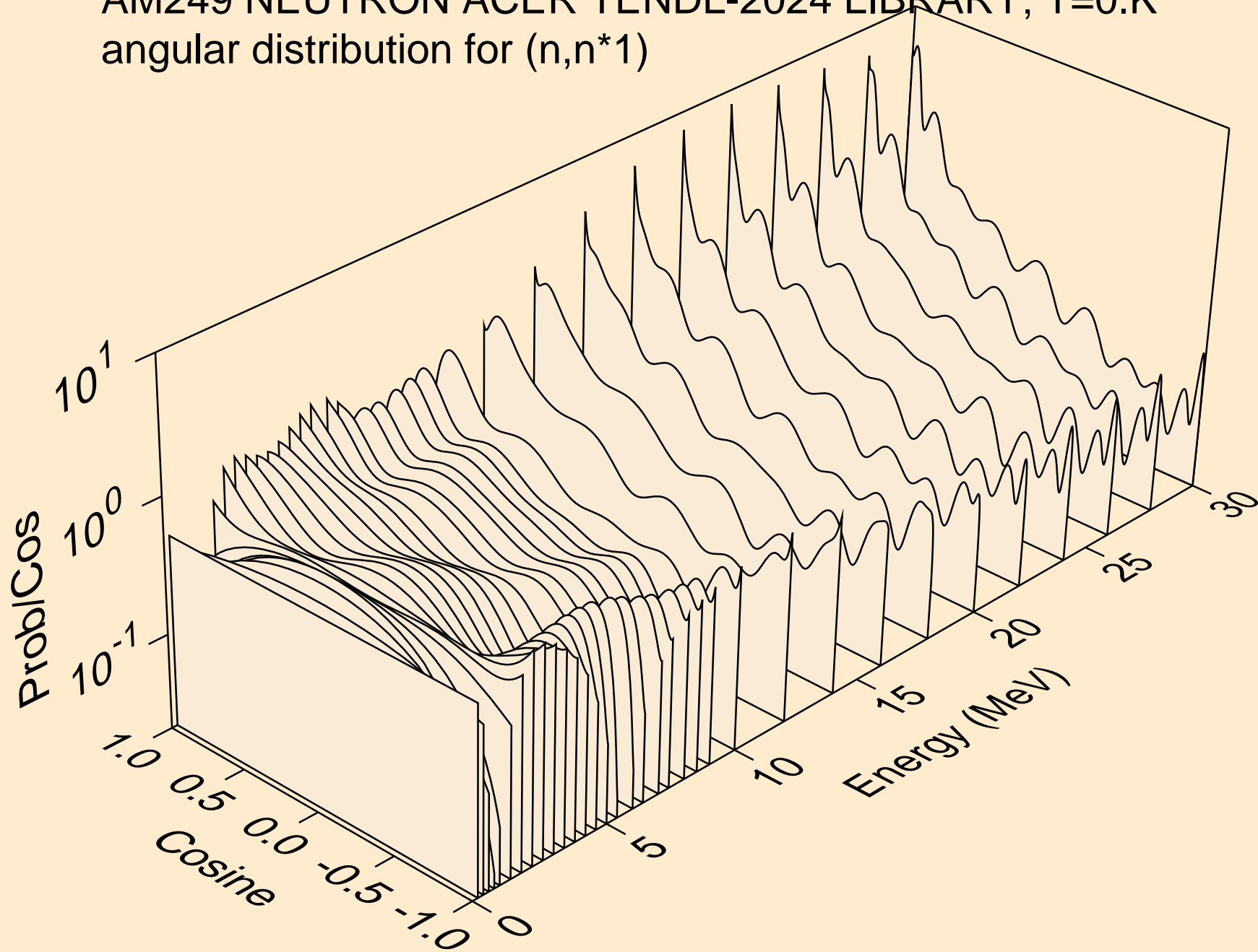
AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



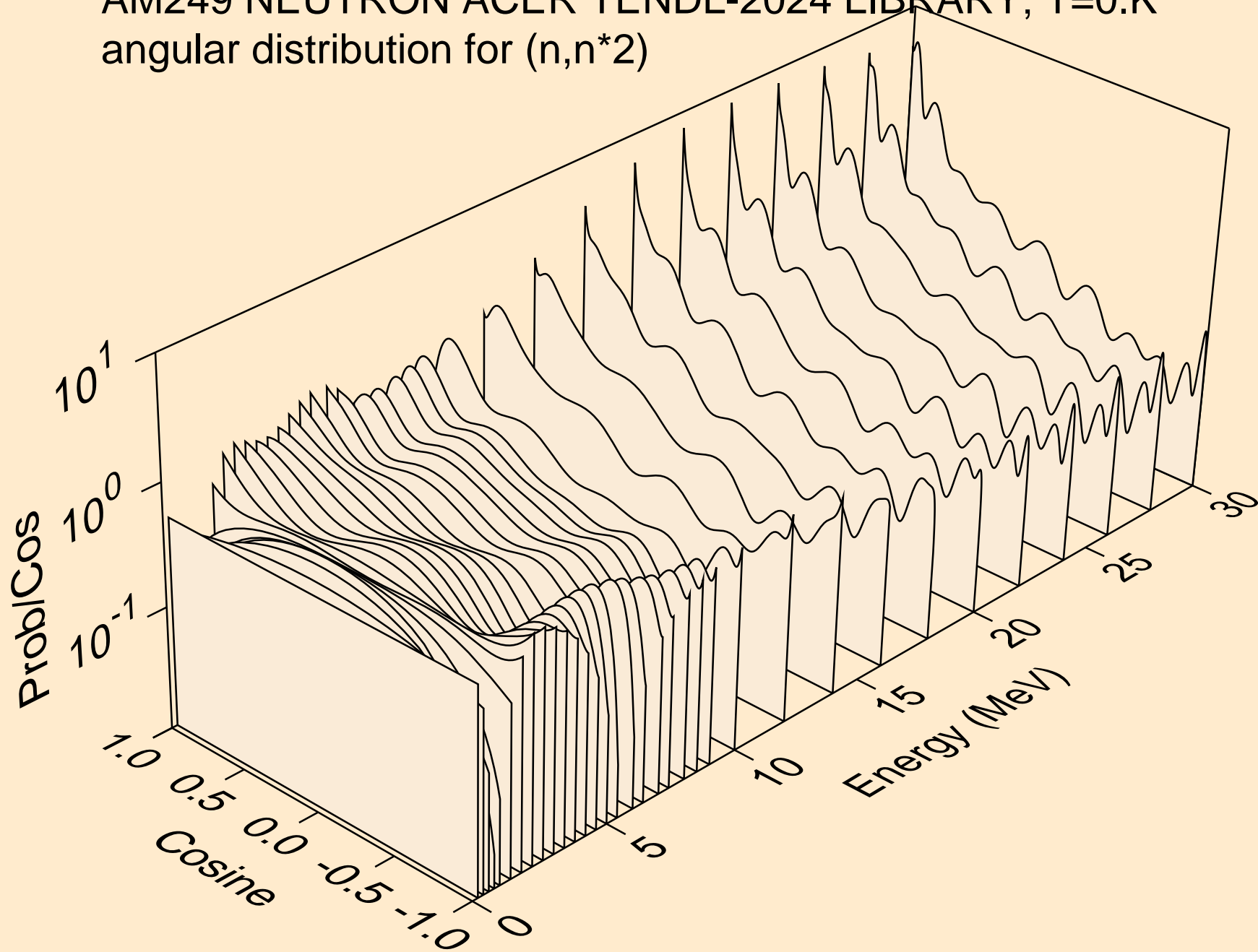
AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



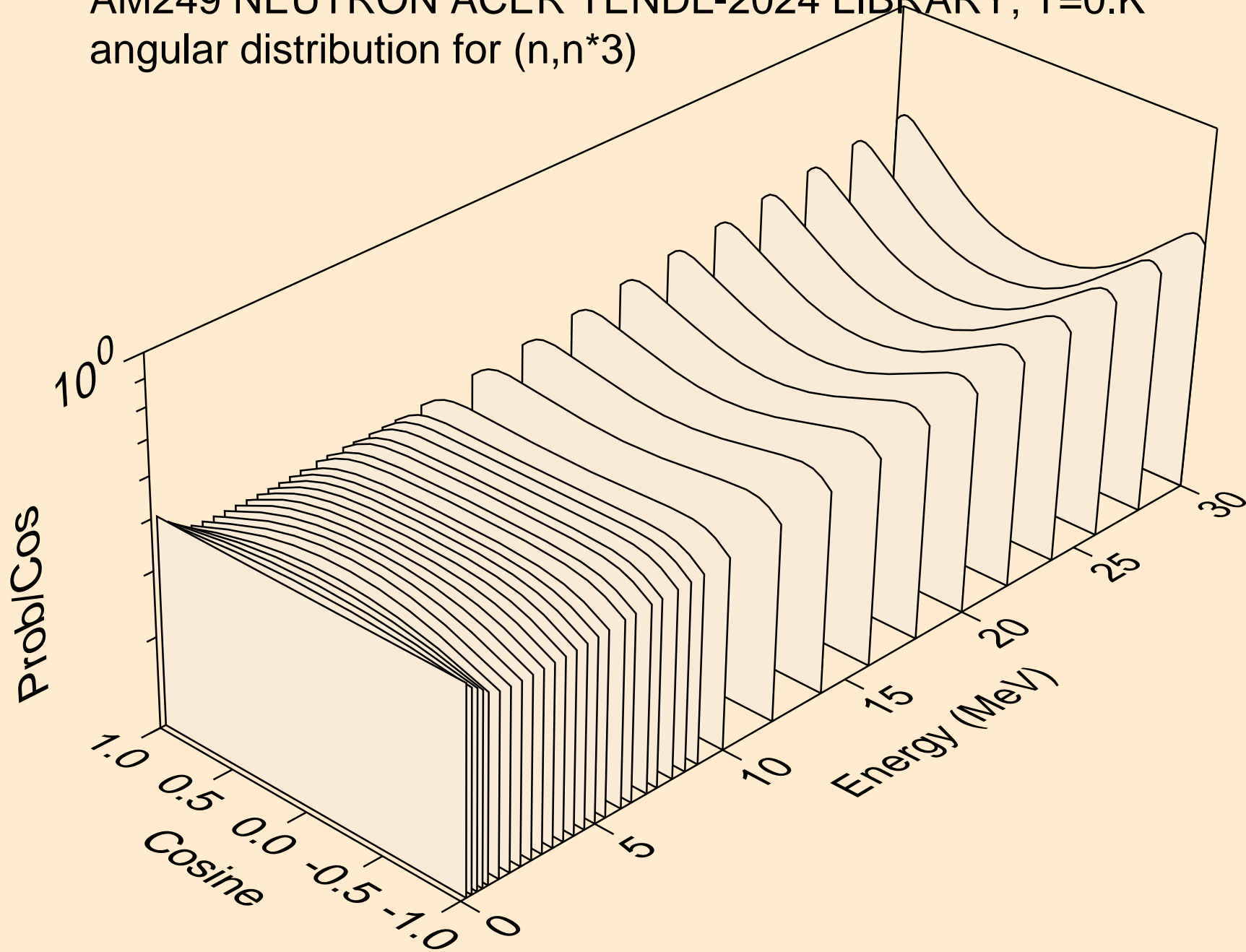
AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



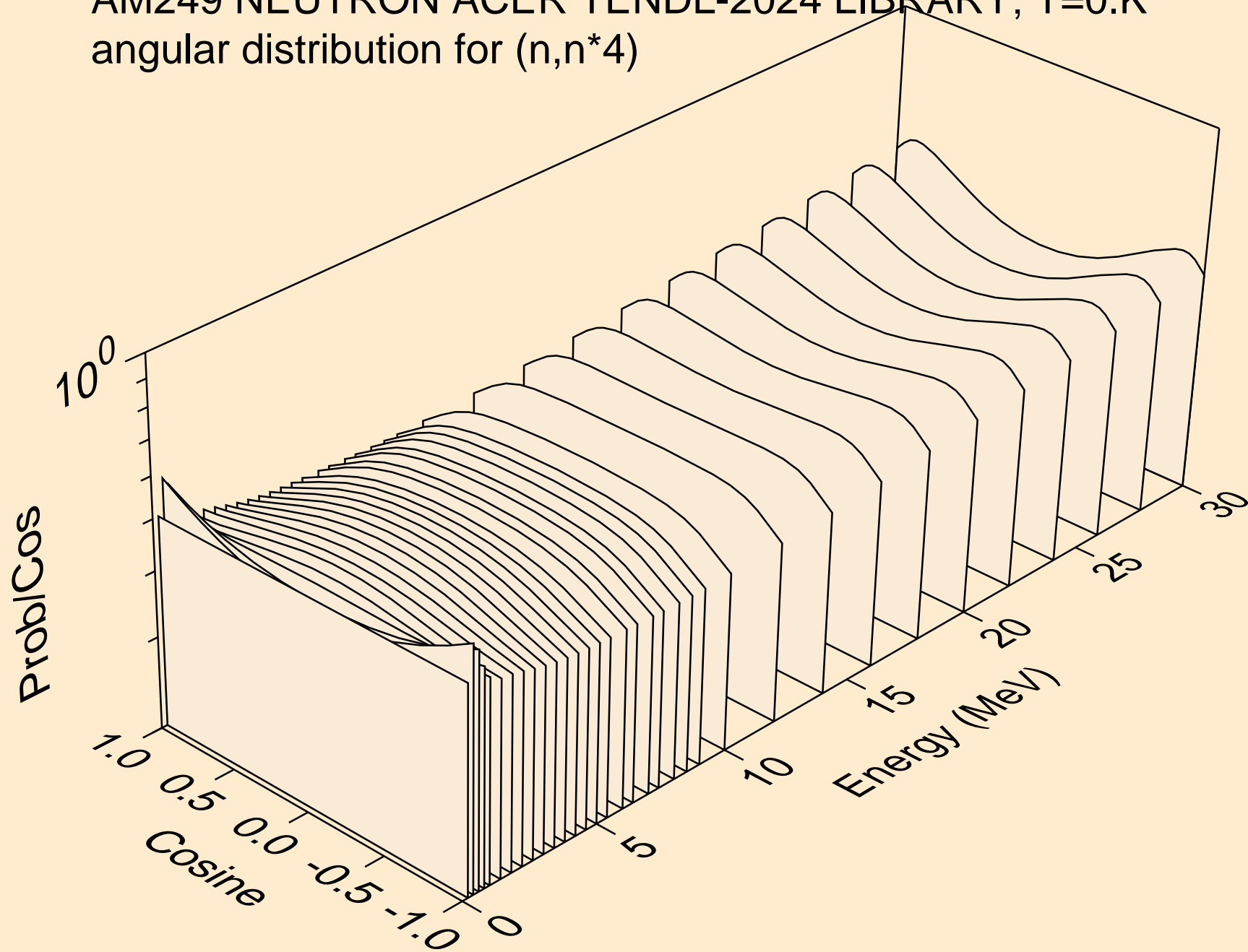
AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



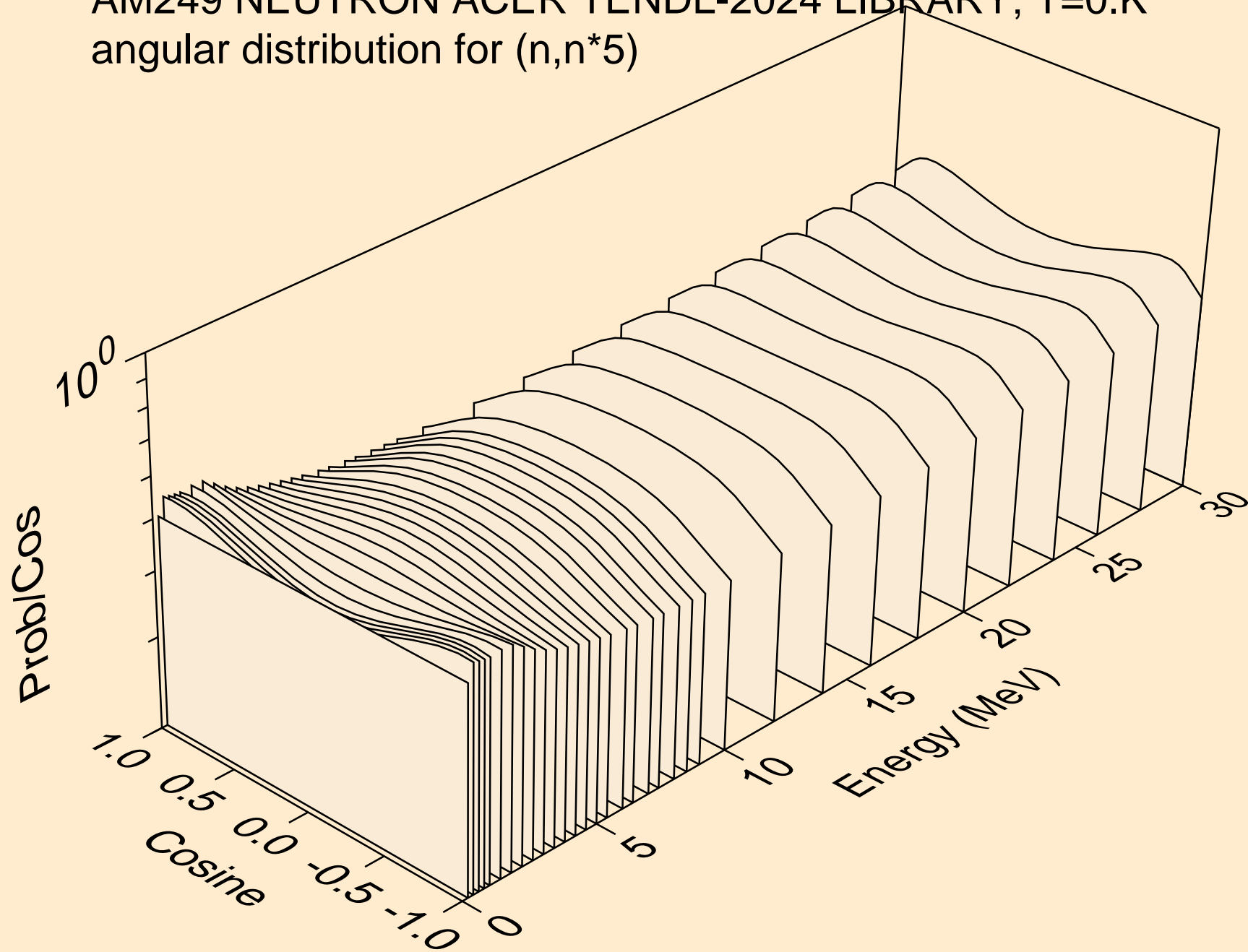
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angular distribution for (n,n\*3)



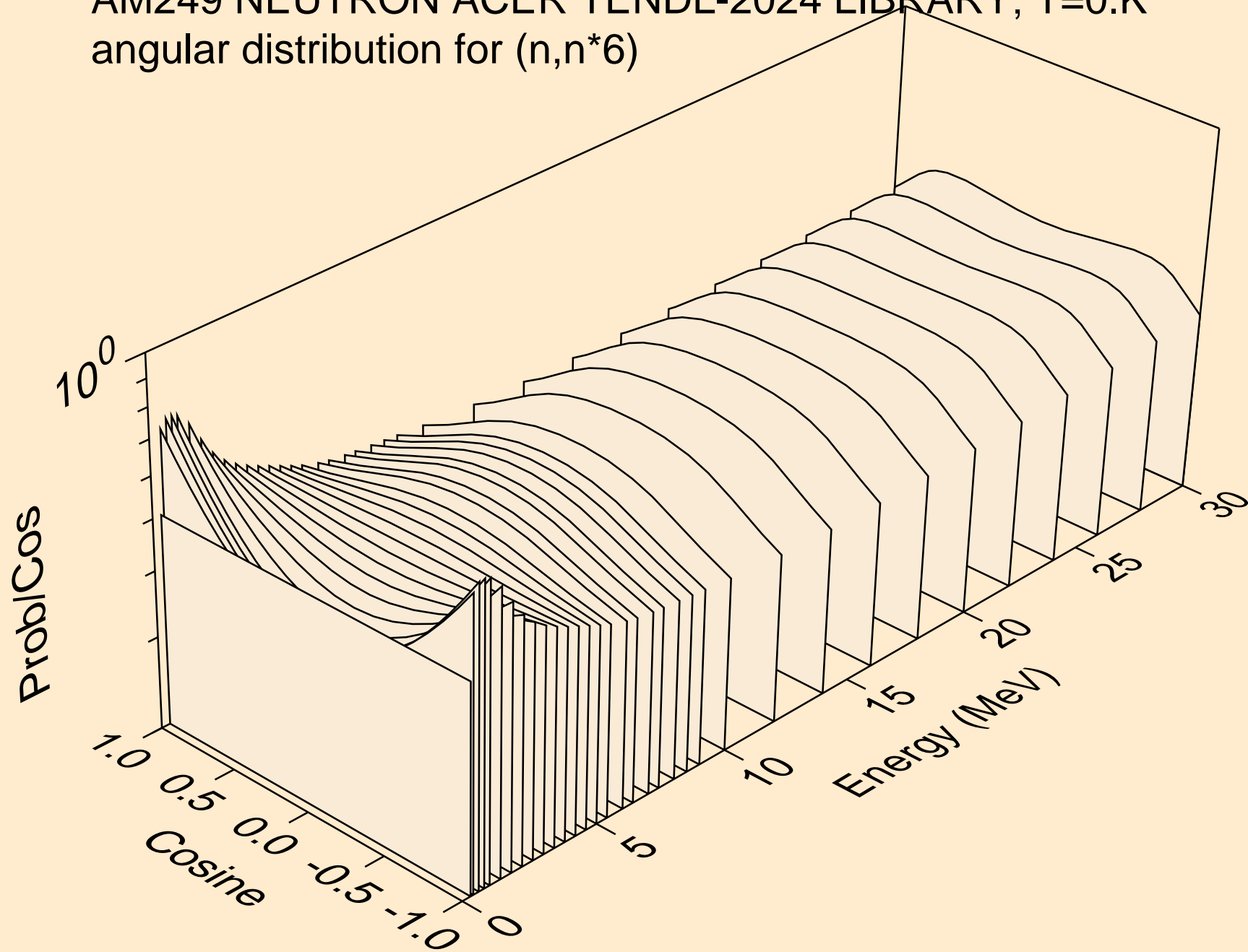
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angular distribution for (n,n\*4)



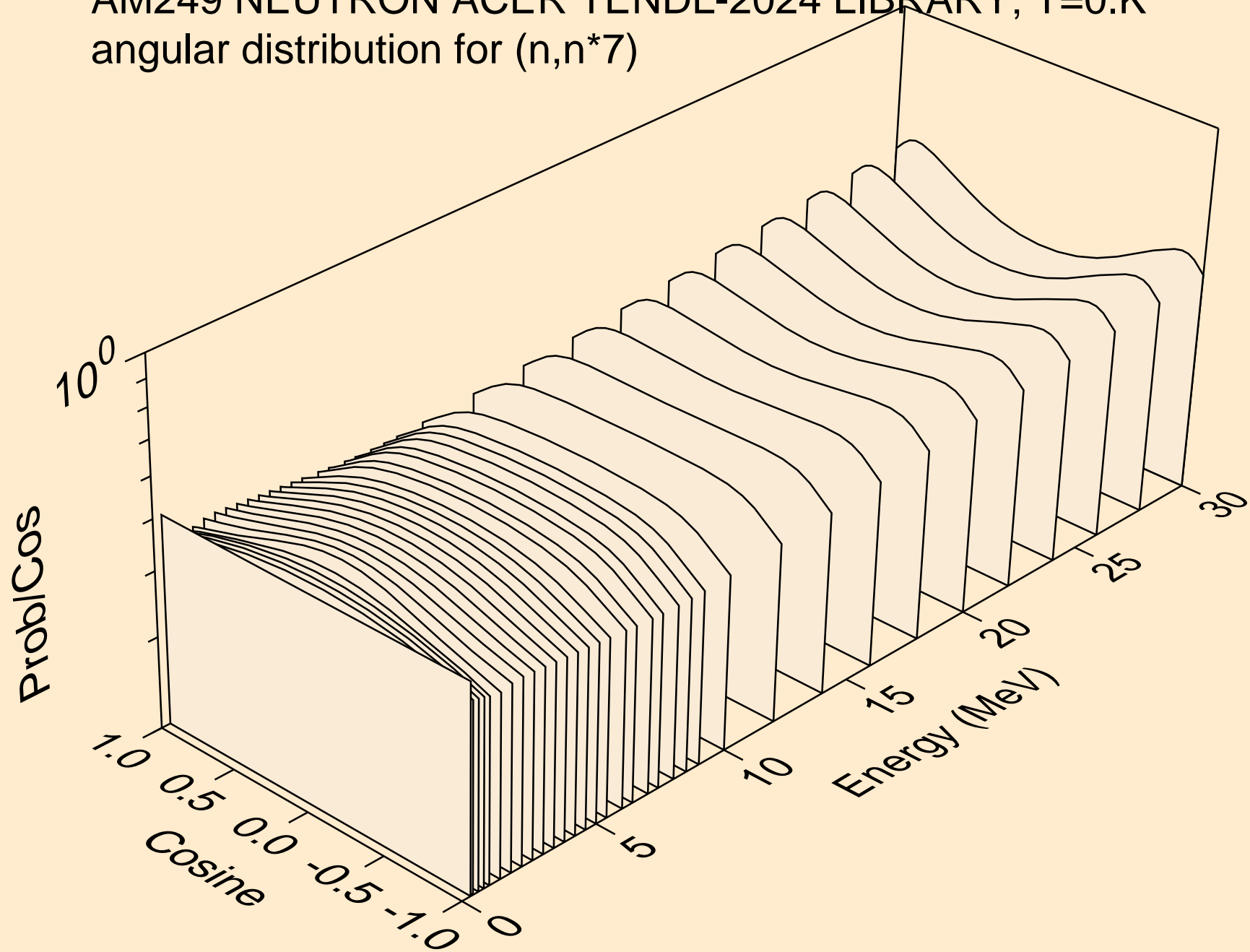
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angular distribution for (n,n\*5)



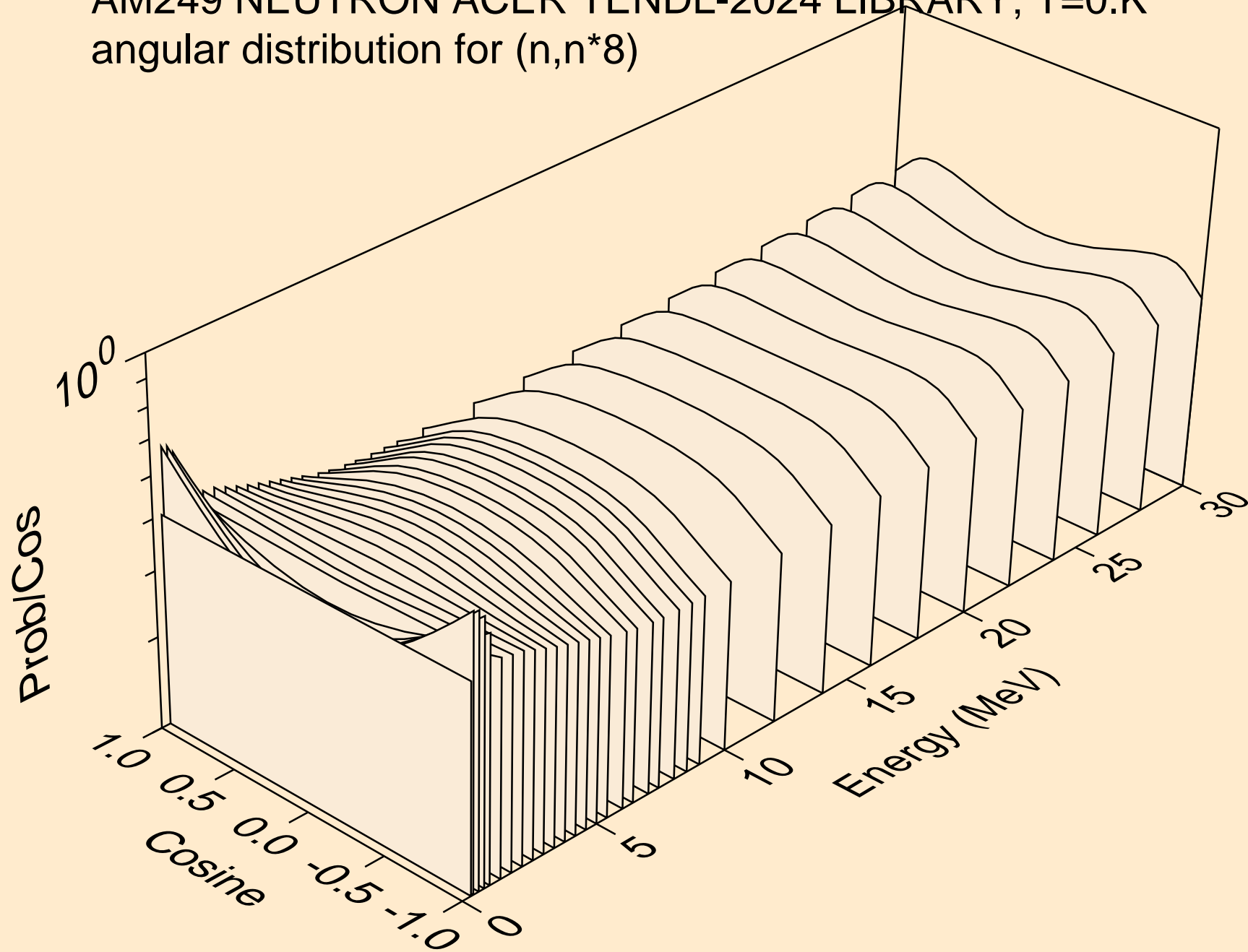
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angular distribution for (n,n\*6)



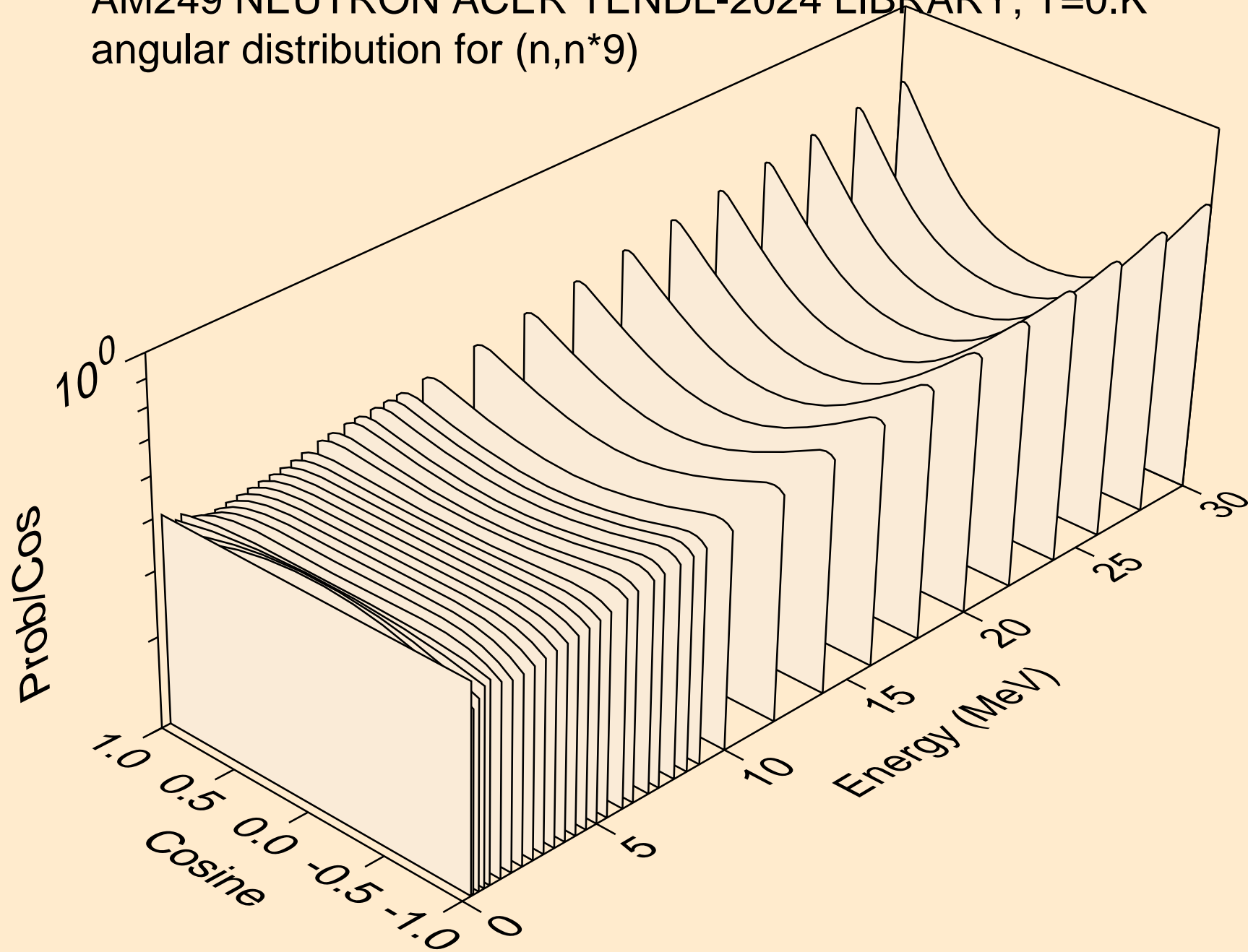
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angular distribution for (n,n\*7)



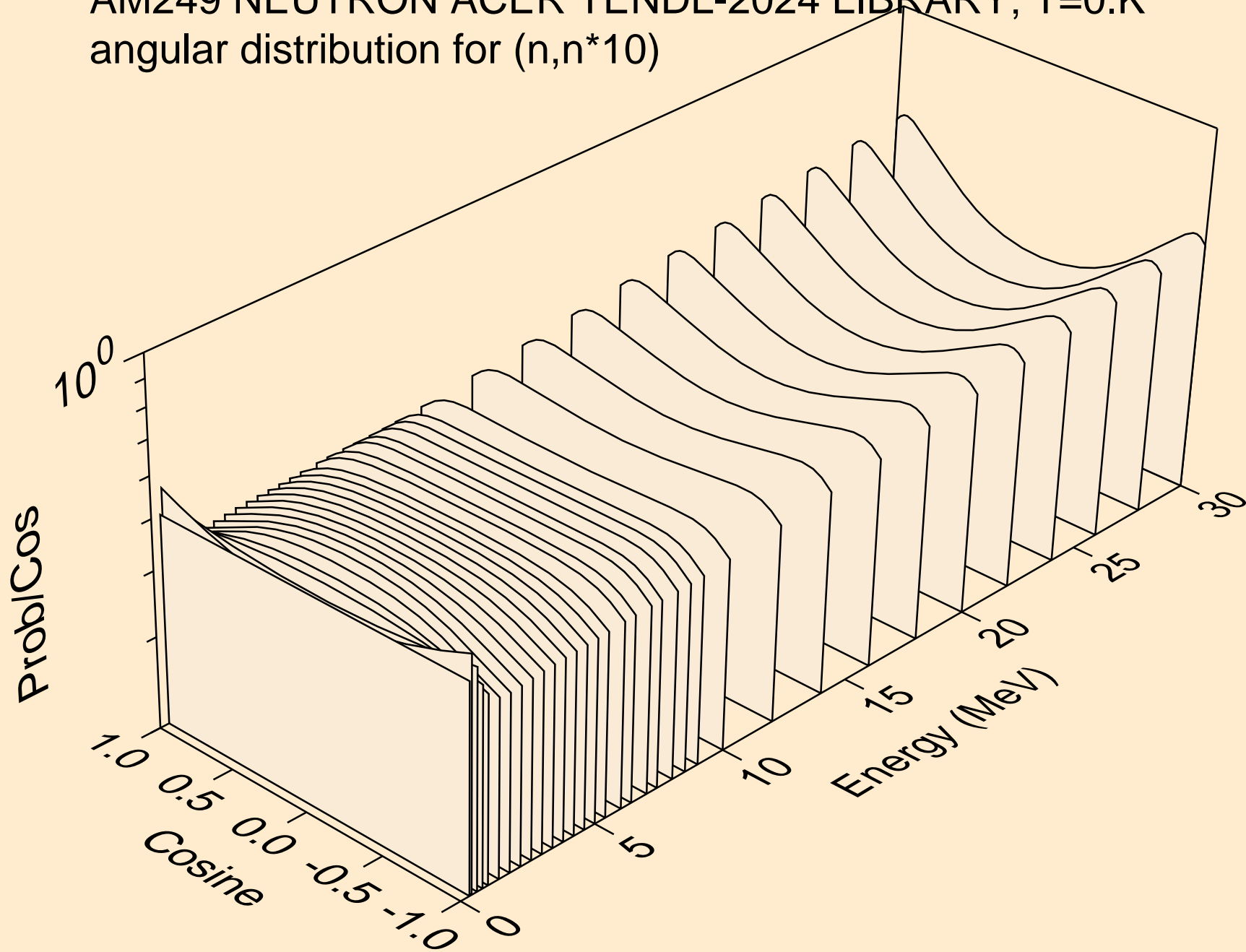
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angular distribution for (n,n\*8)



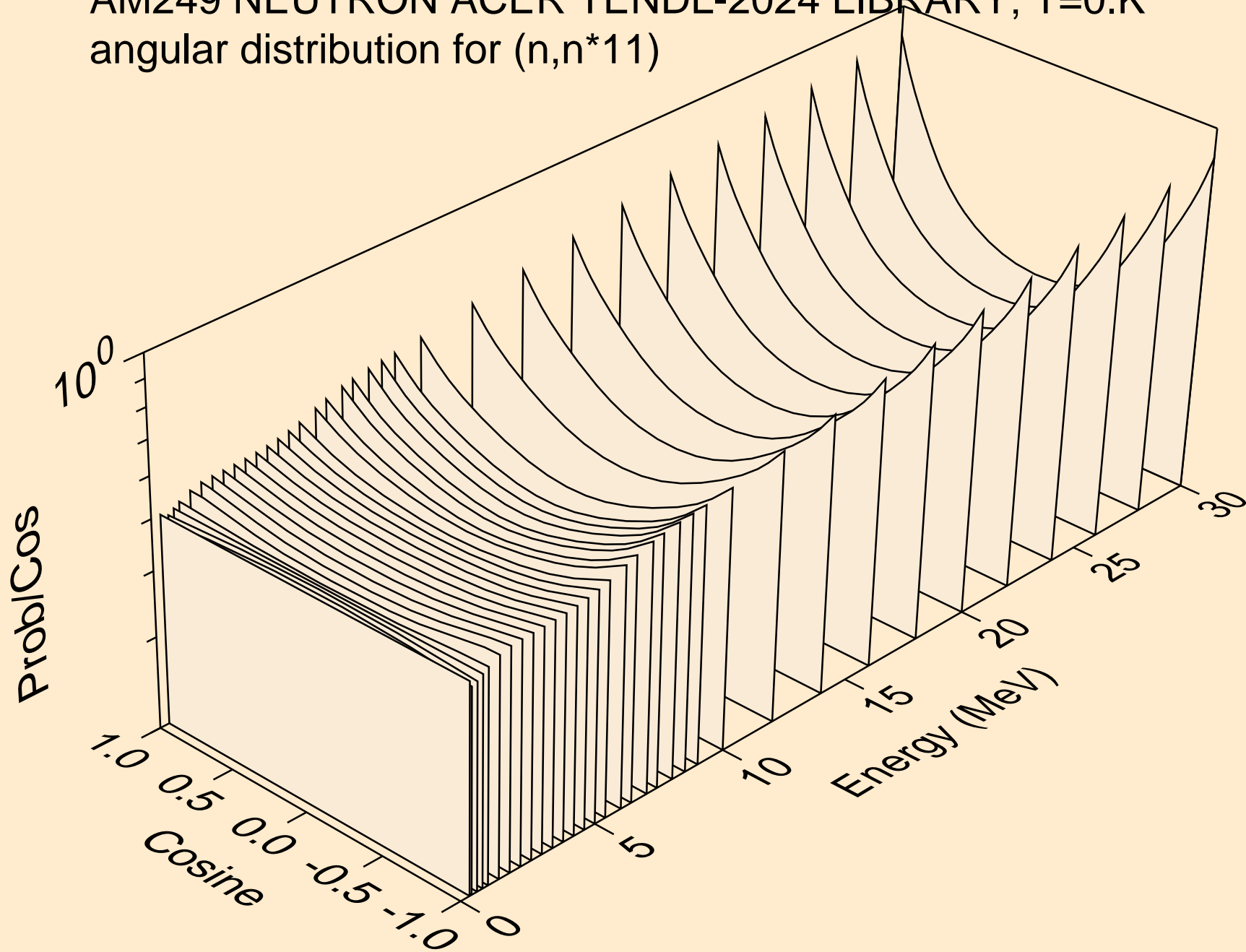
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angular distribution for (n,n\*9)



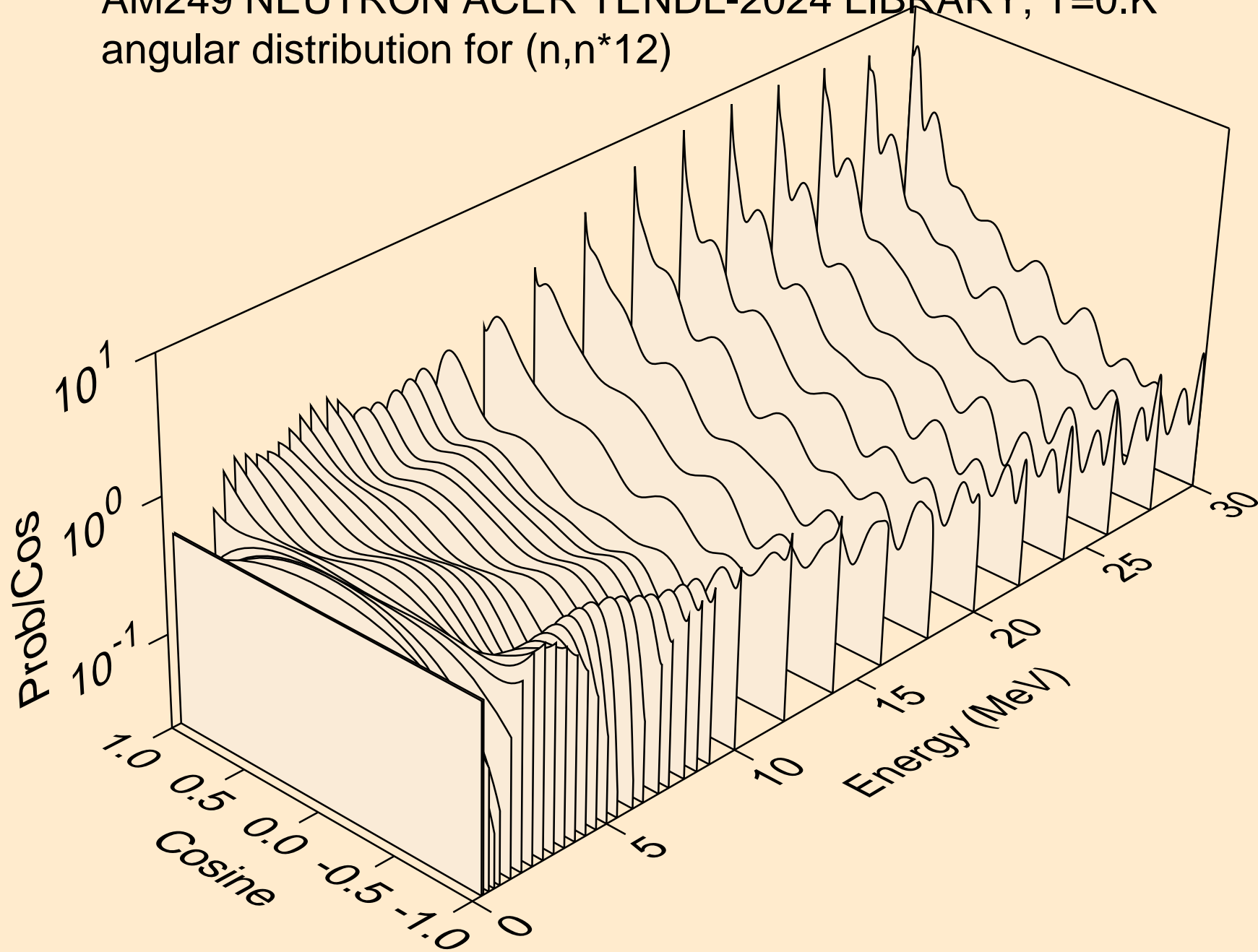
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angular distribution for (n,n\*10)



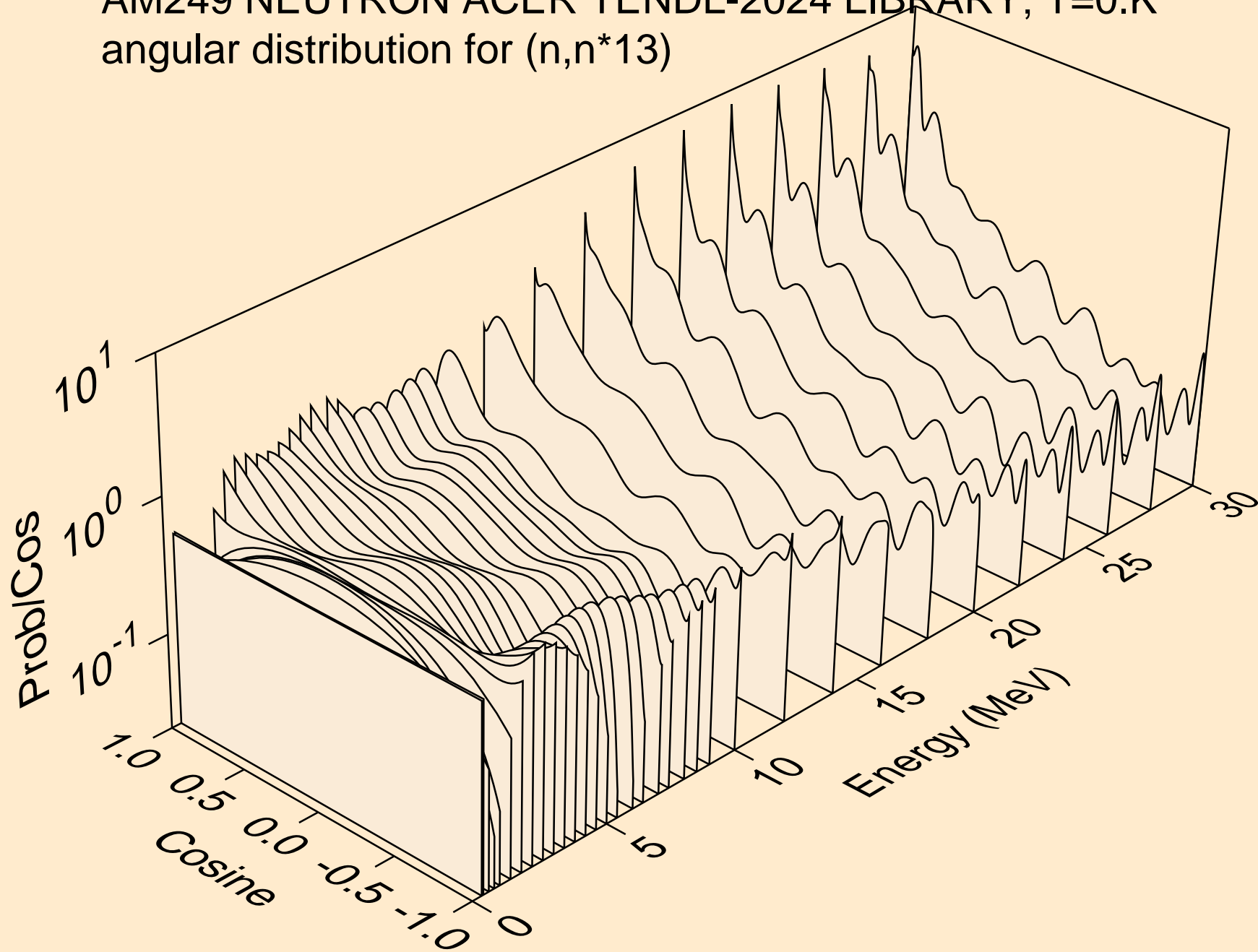
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angular distribution for (n,n\*11)



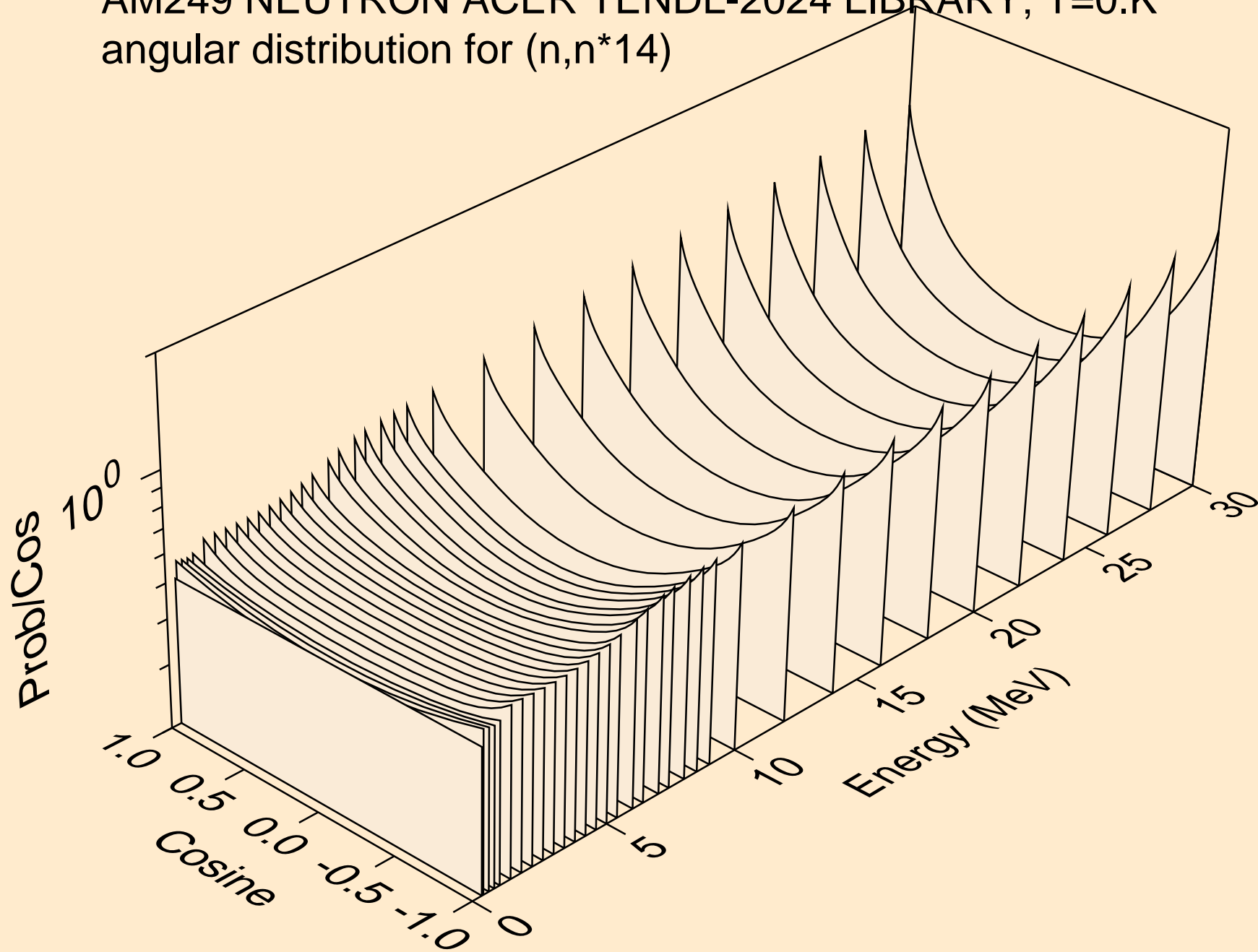
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angular distribution for (n,n\*12)



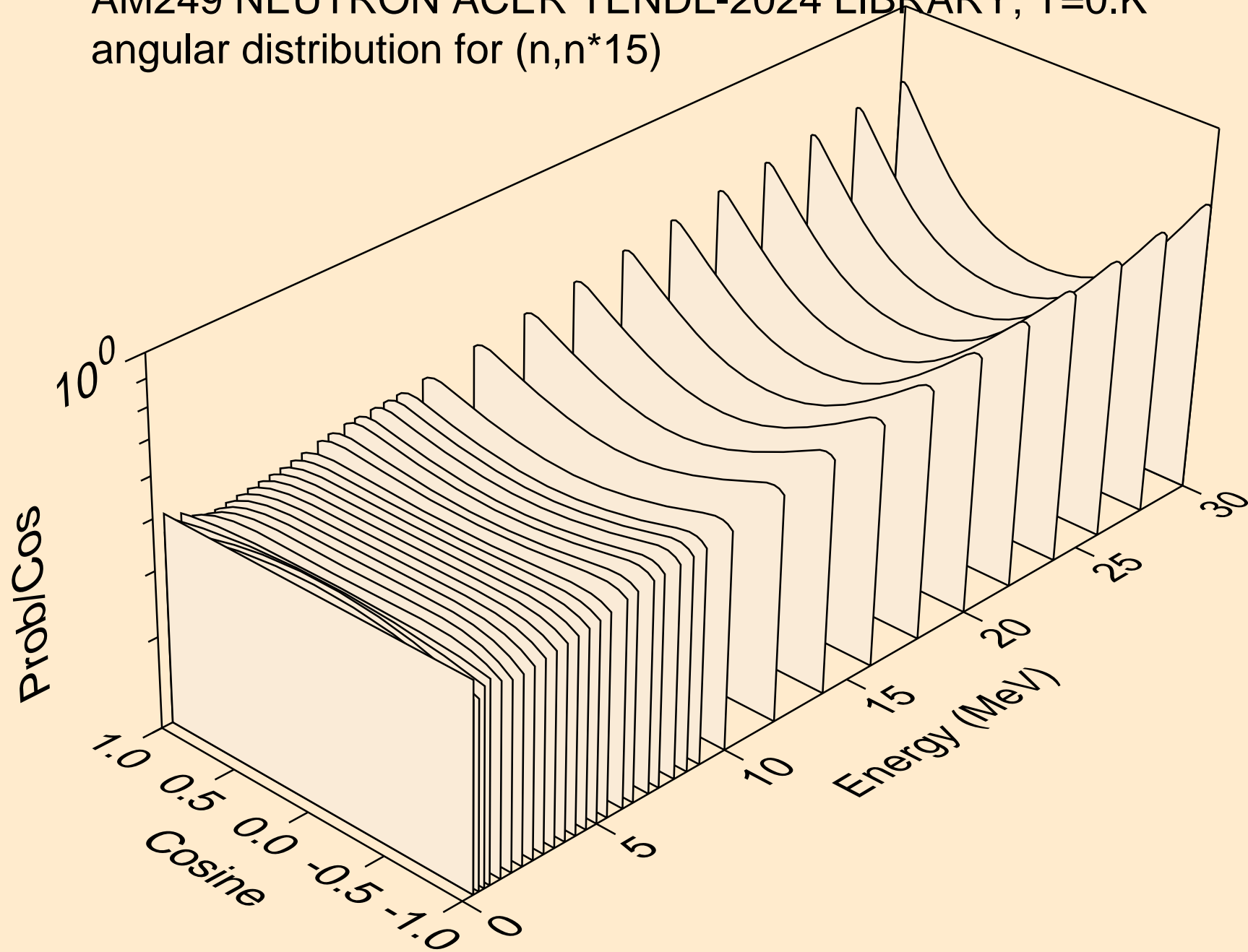
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angular distribution for (n,n\*13)



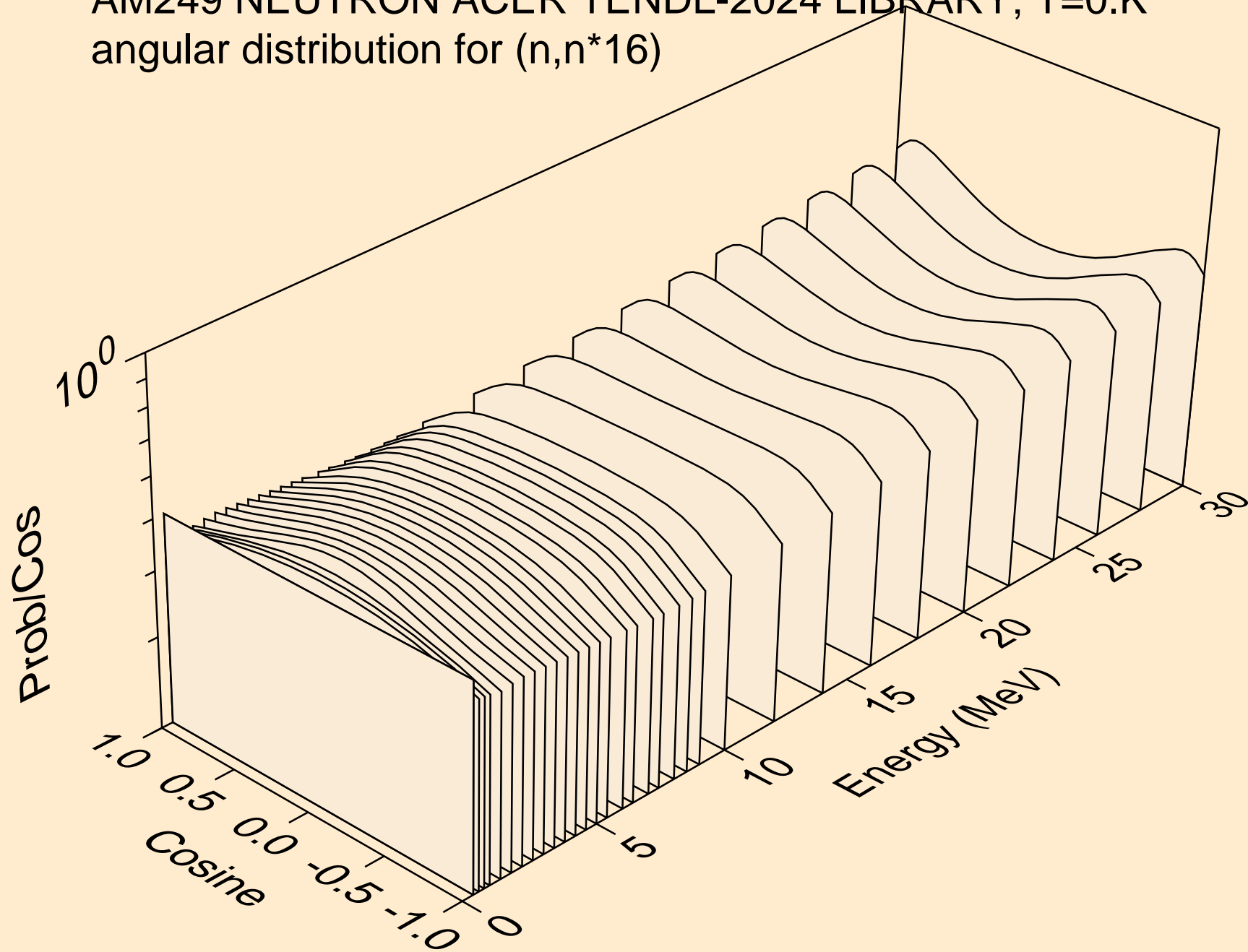
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angular distribution for (n,n\*14)



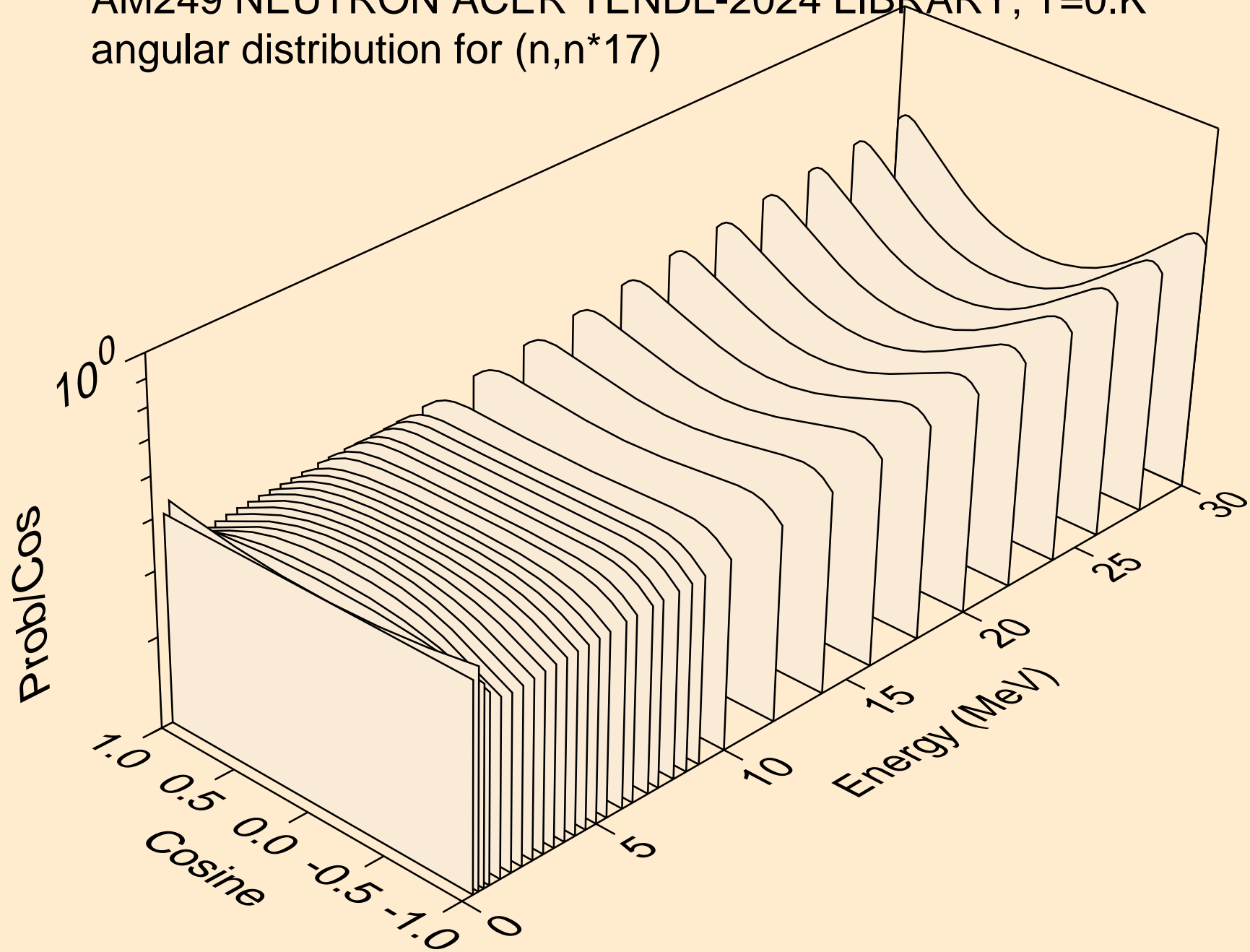
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angular distribution for (n,n\*15)



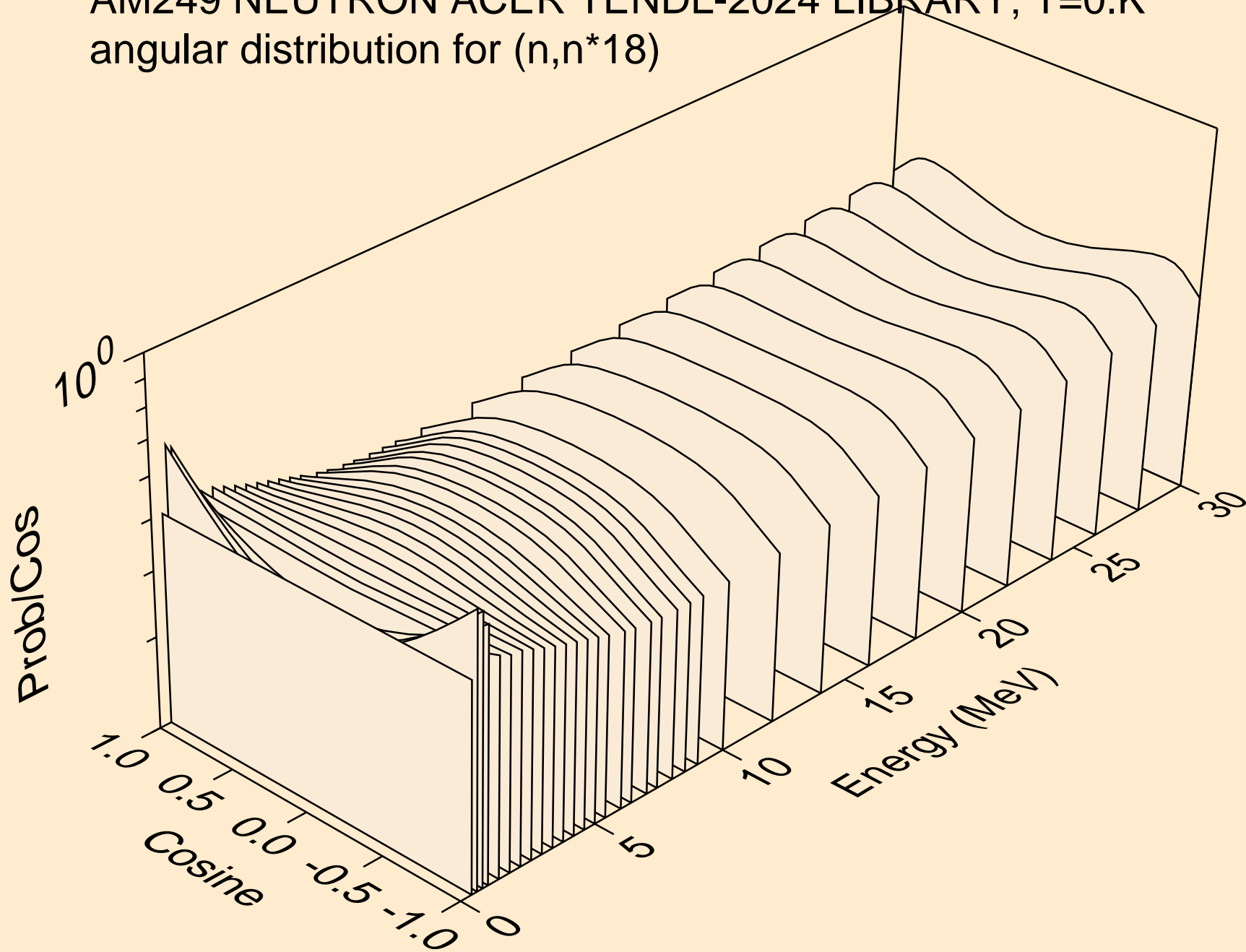
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angular distribution for (n,n\*16)



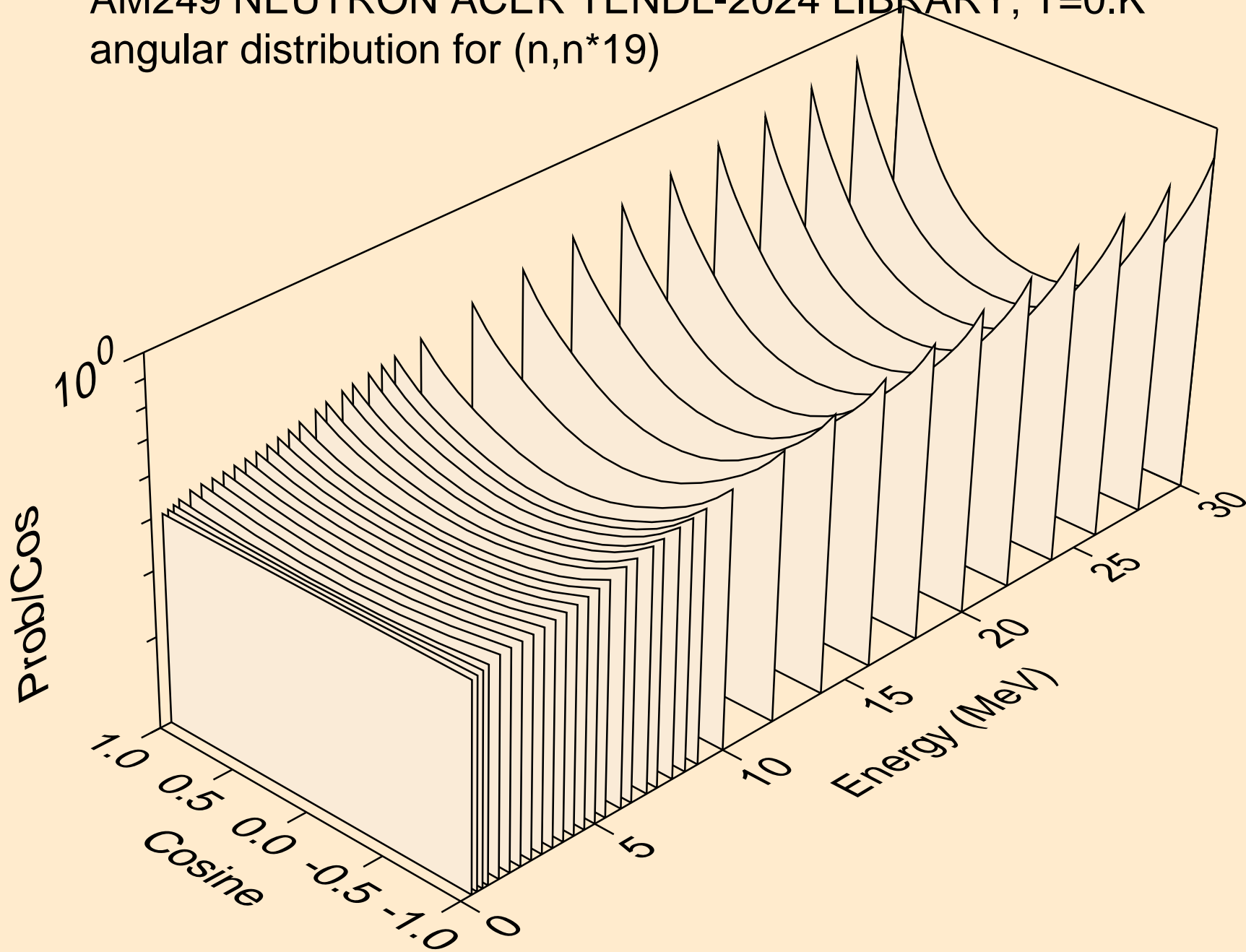
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angular distribution for (n,n\*17)



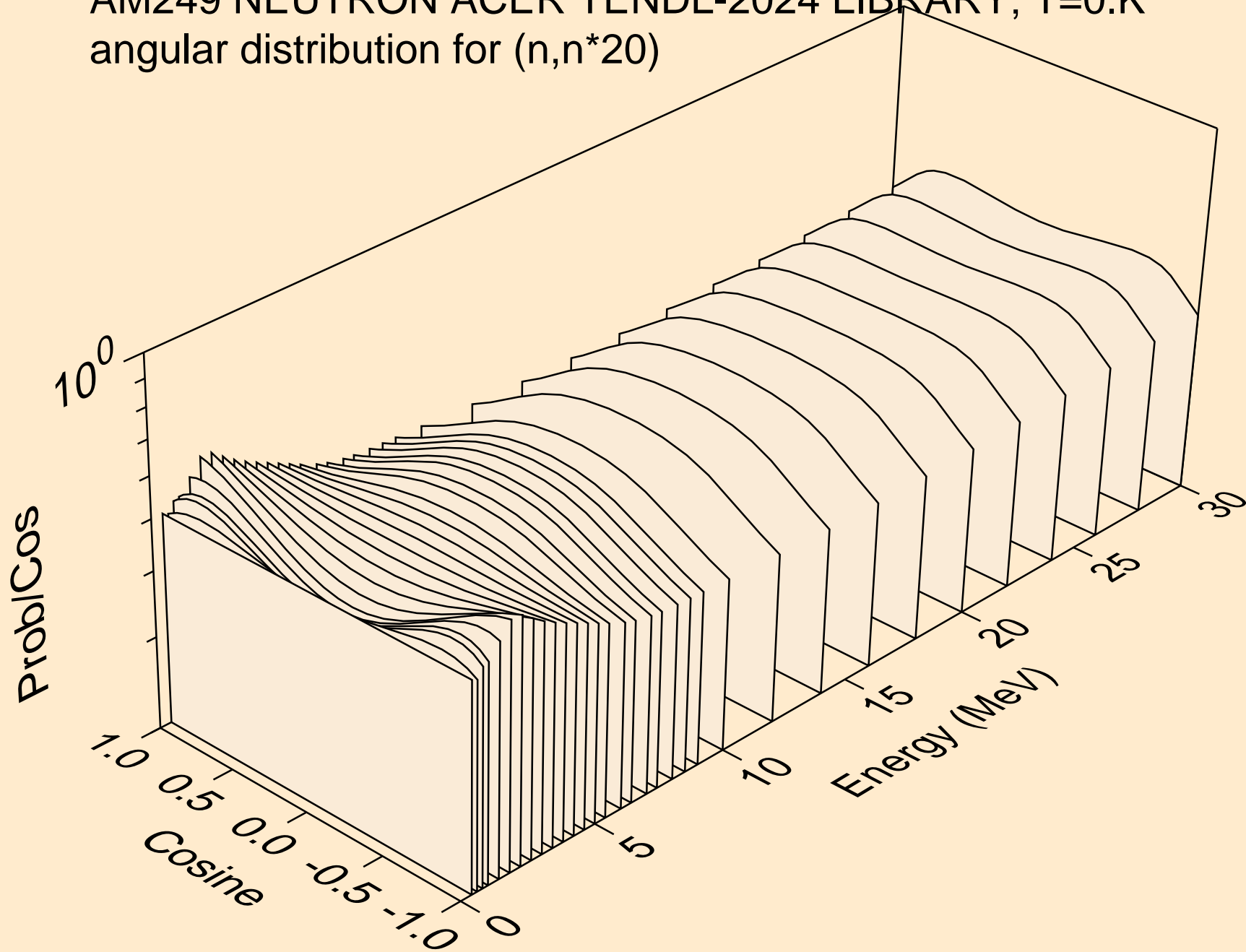
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angular distribution for (n,n\*18)



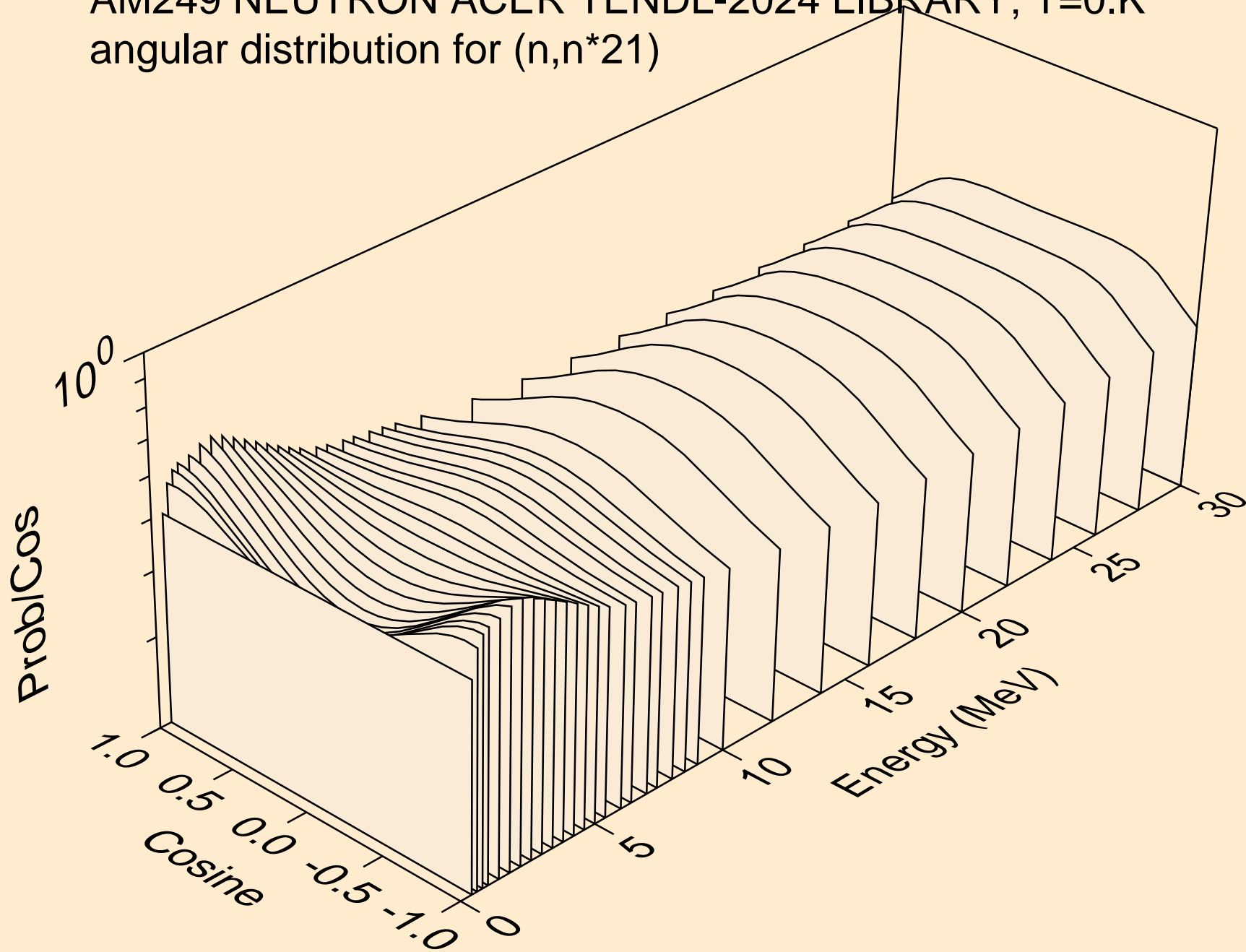
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angular distribution for (n,n\*19)



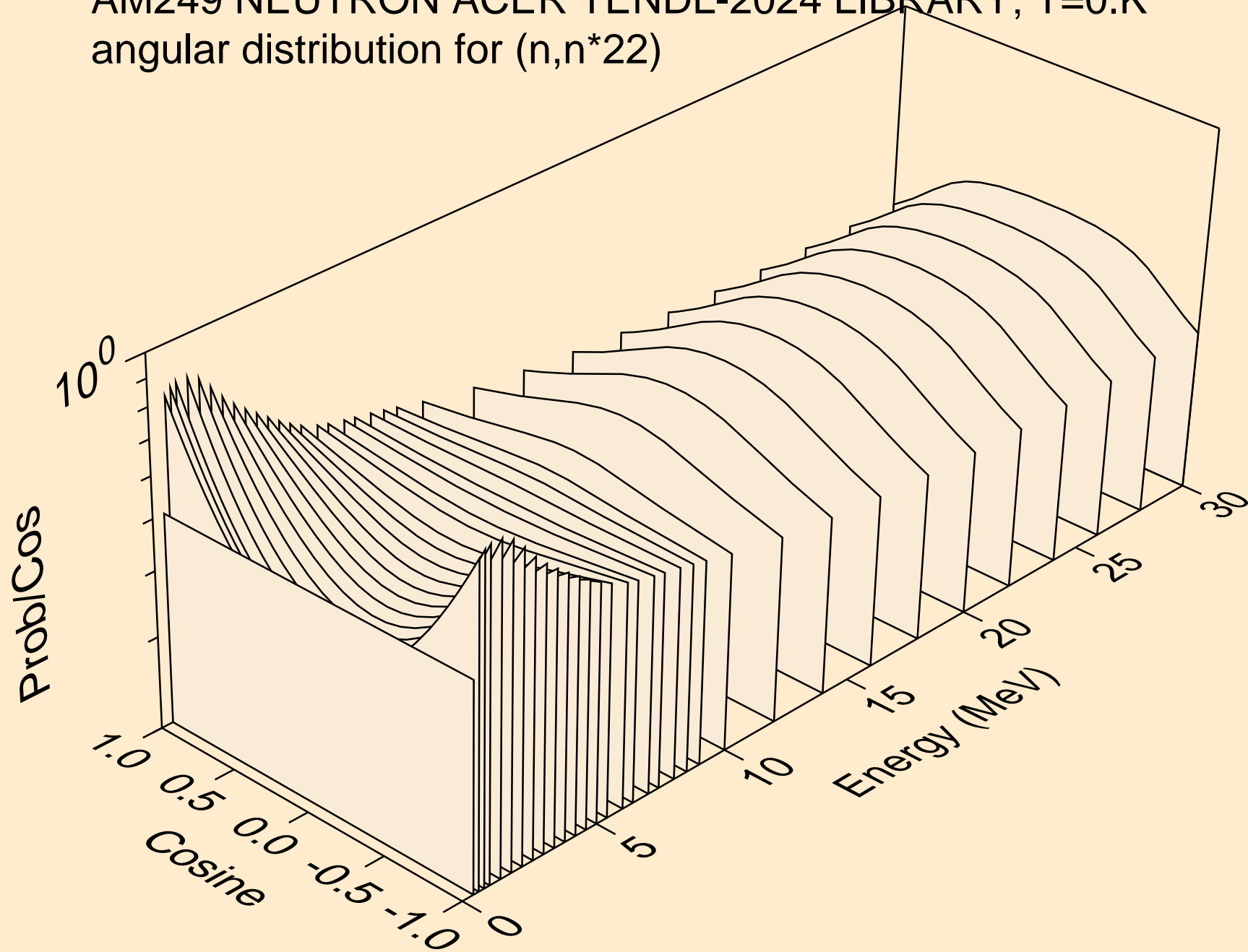
AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



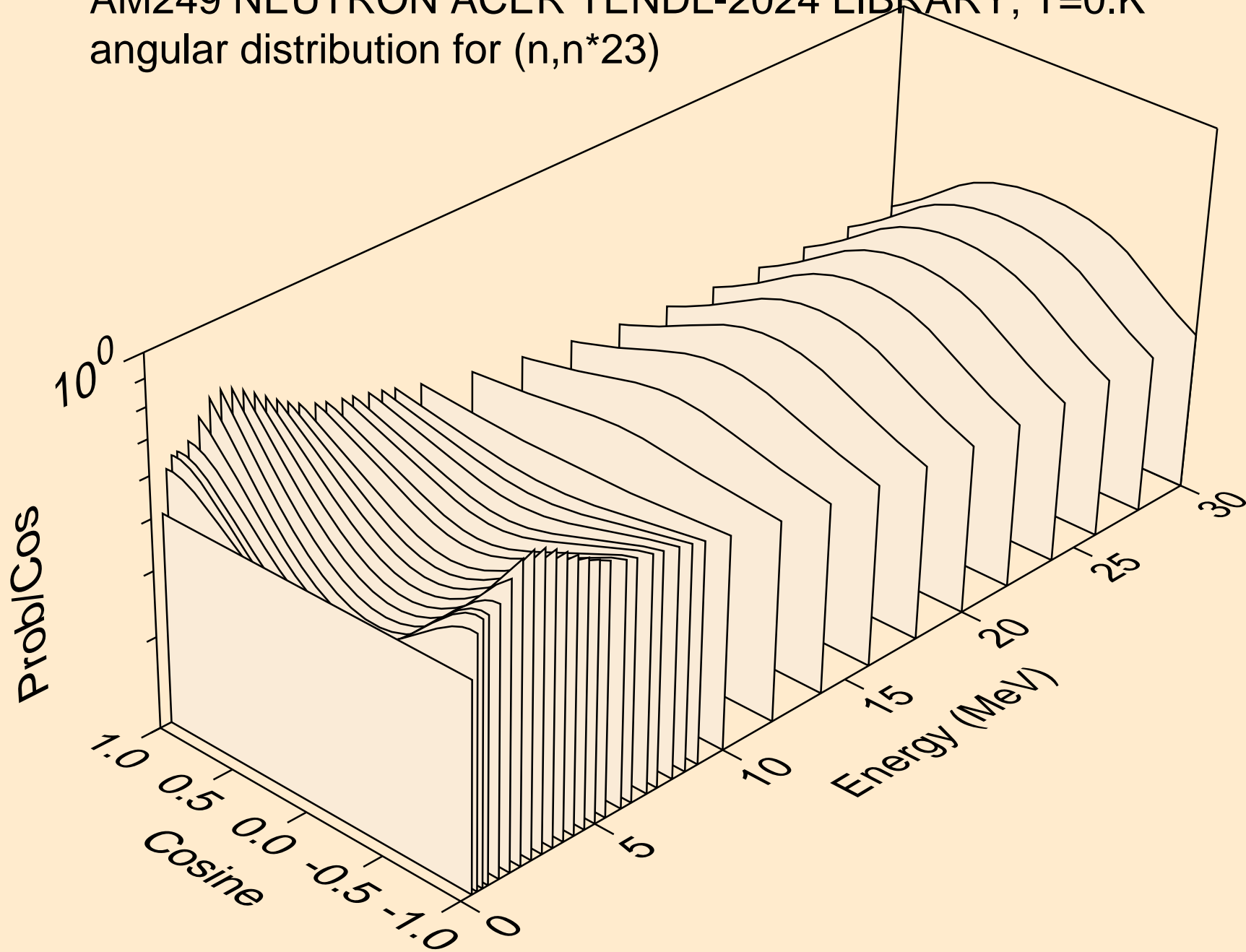
AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*21)



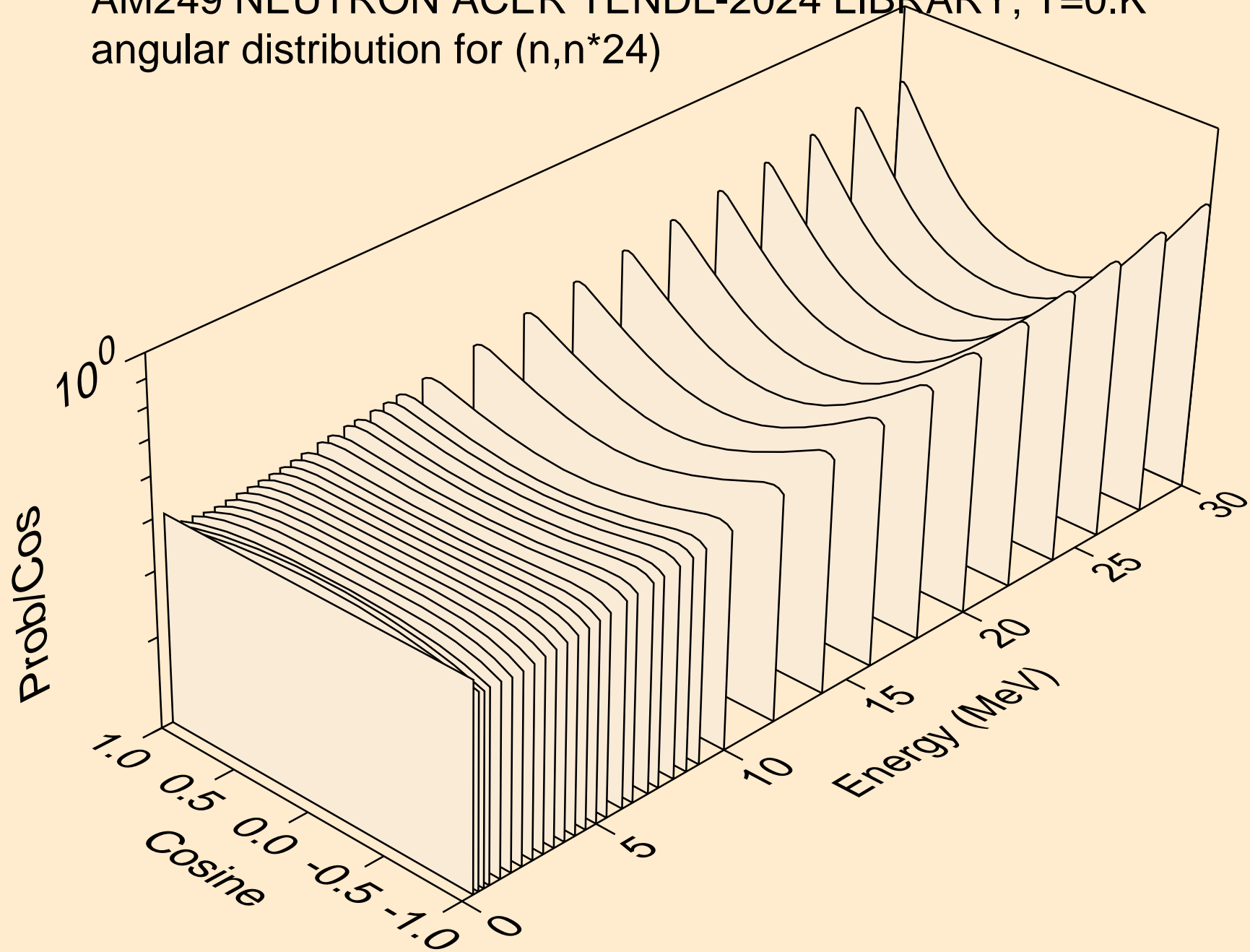
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angular distribution for (n,n\*22)



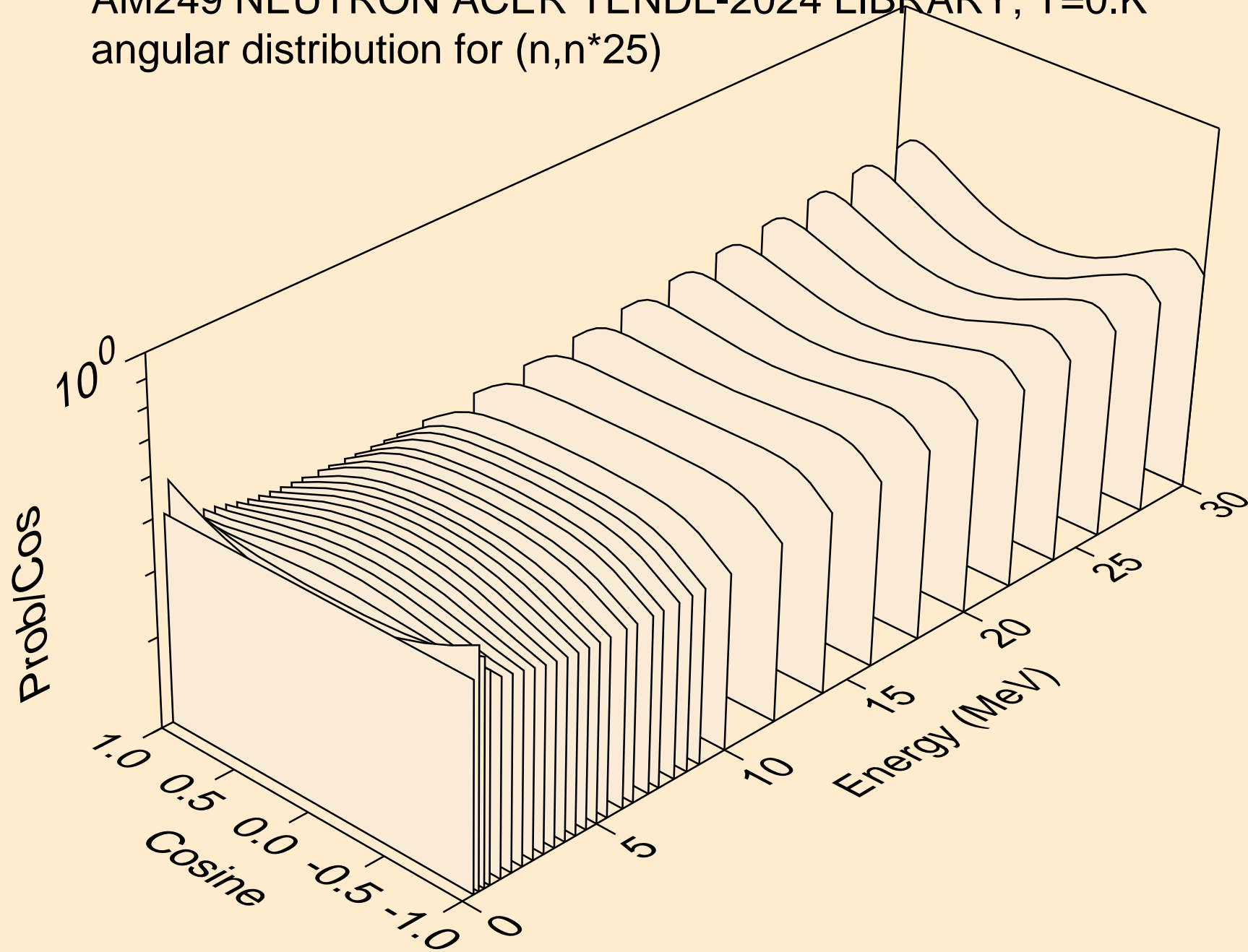
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angular distribution for (n,n\*23)



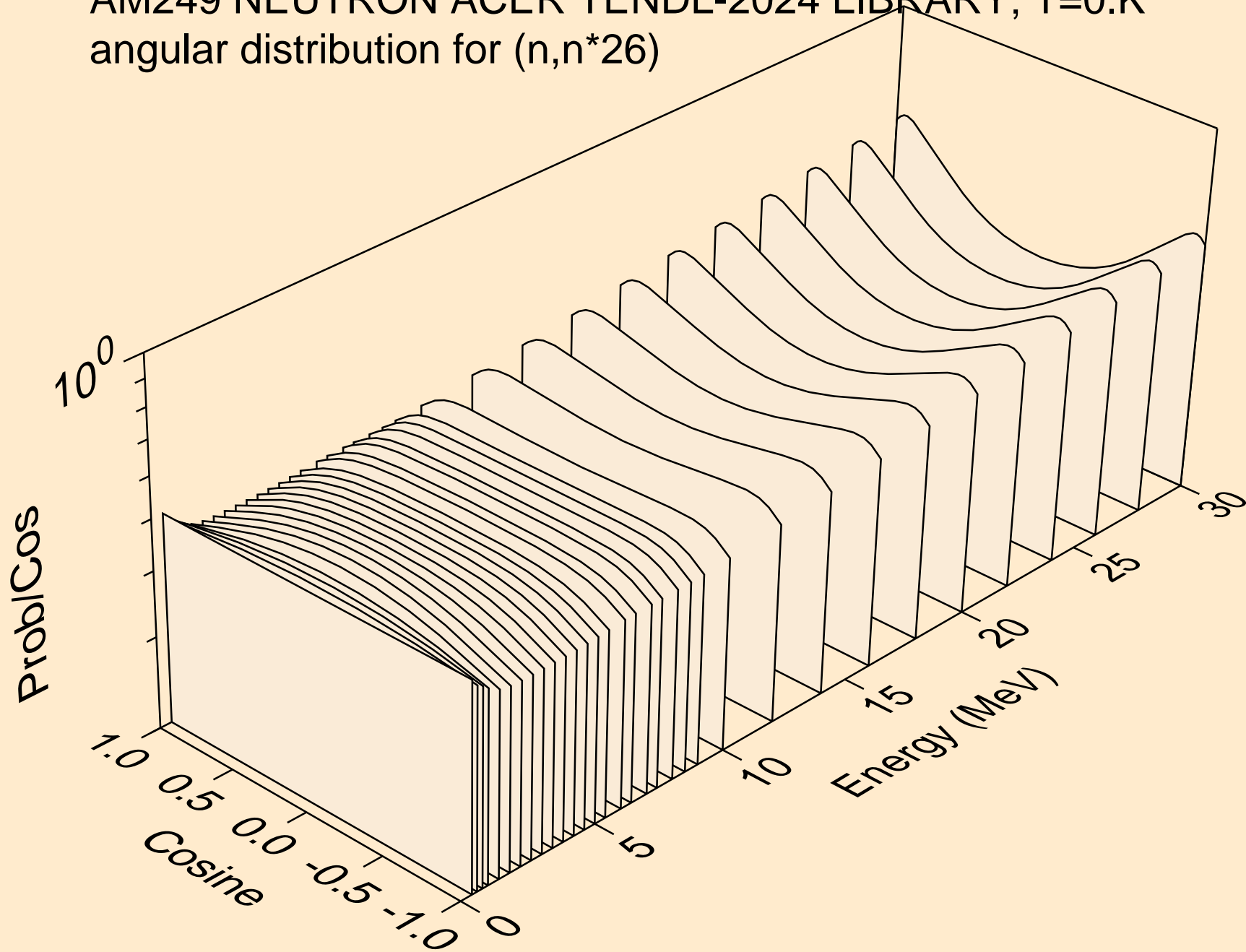
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angular distribution for (n,n\*24)



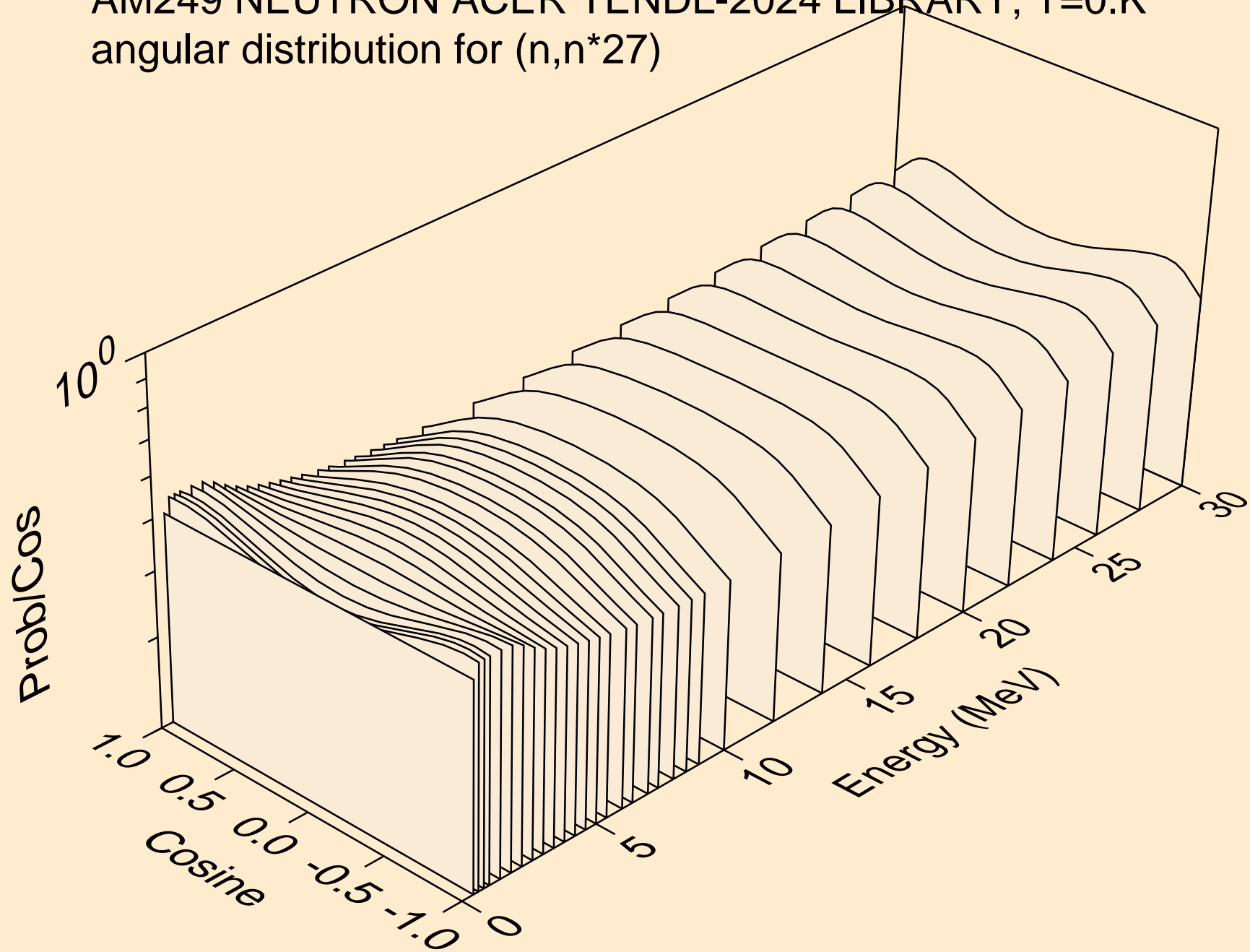
AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



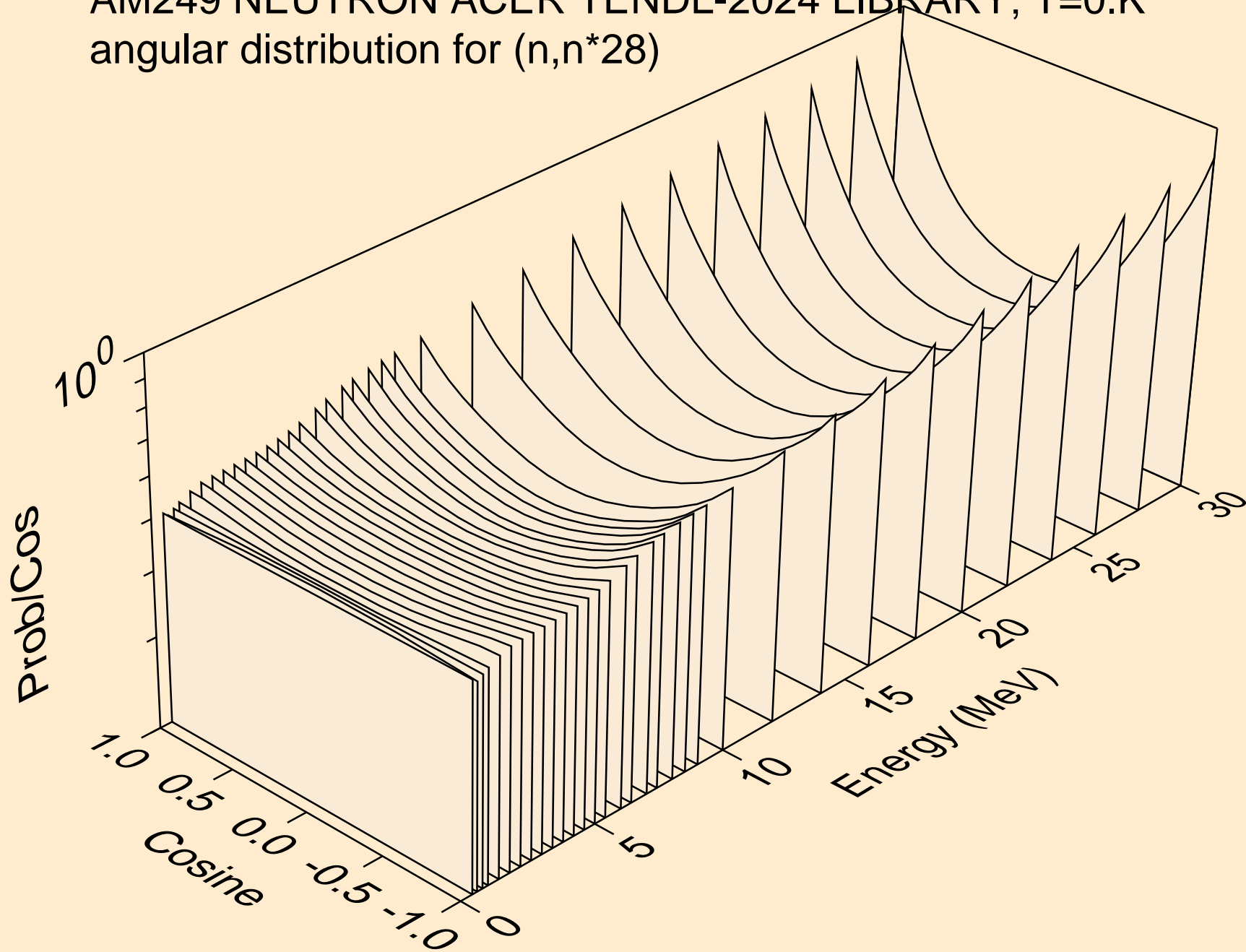
AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)



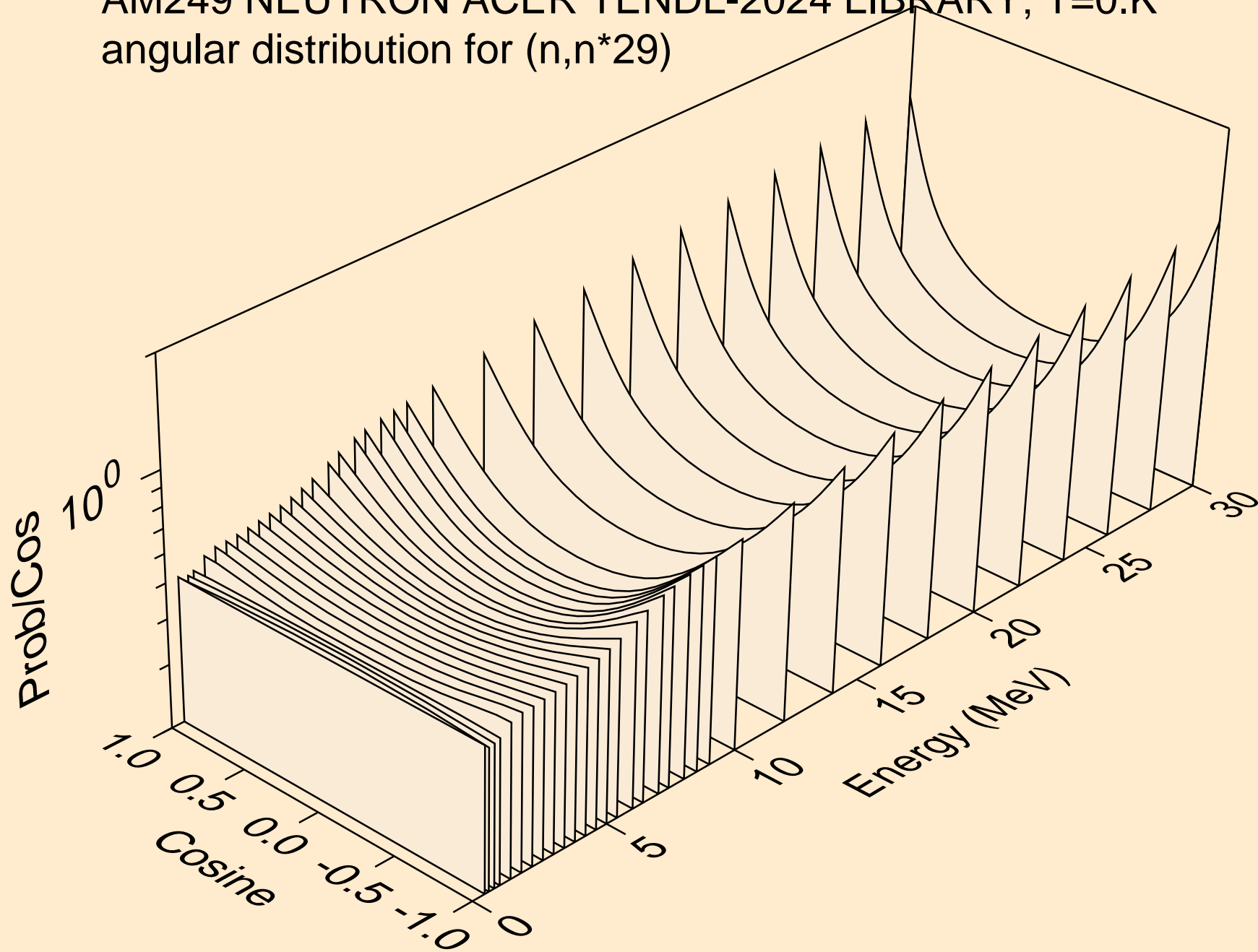
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angular distribution for (n,n\*27)



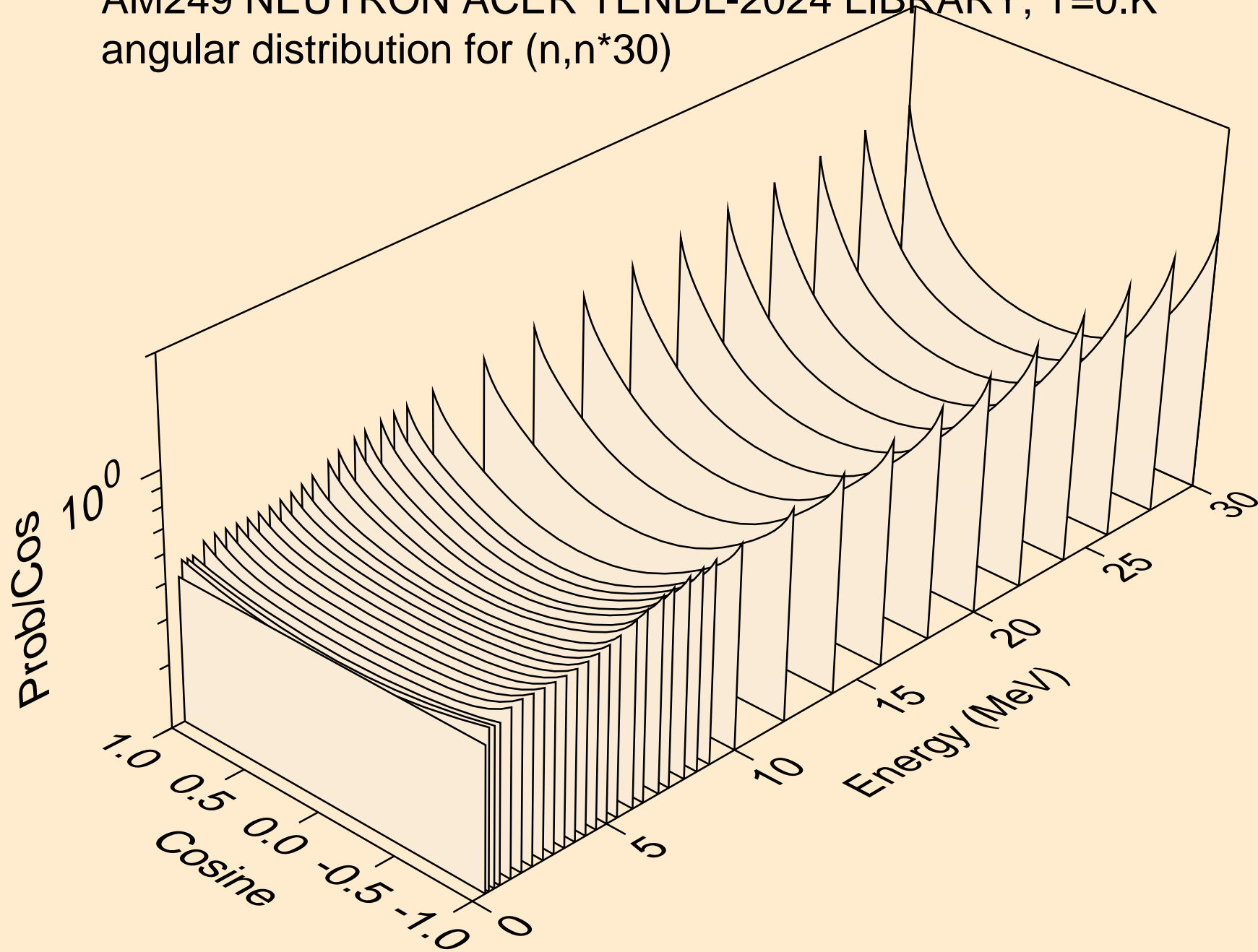
AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*28)



AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*29)

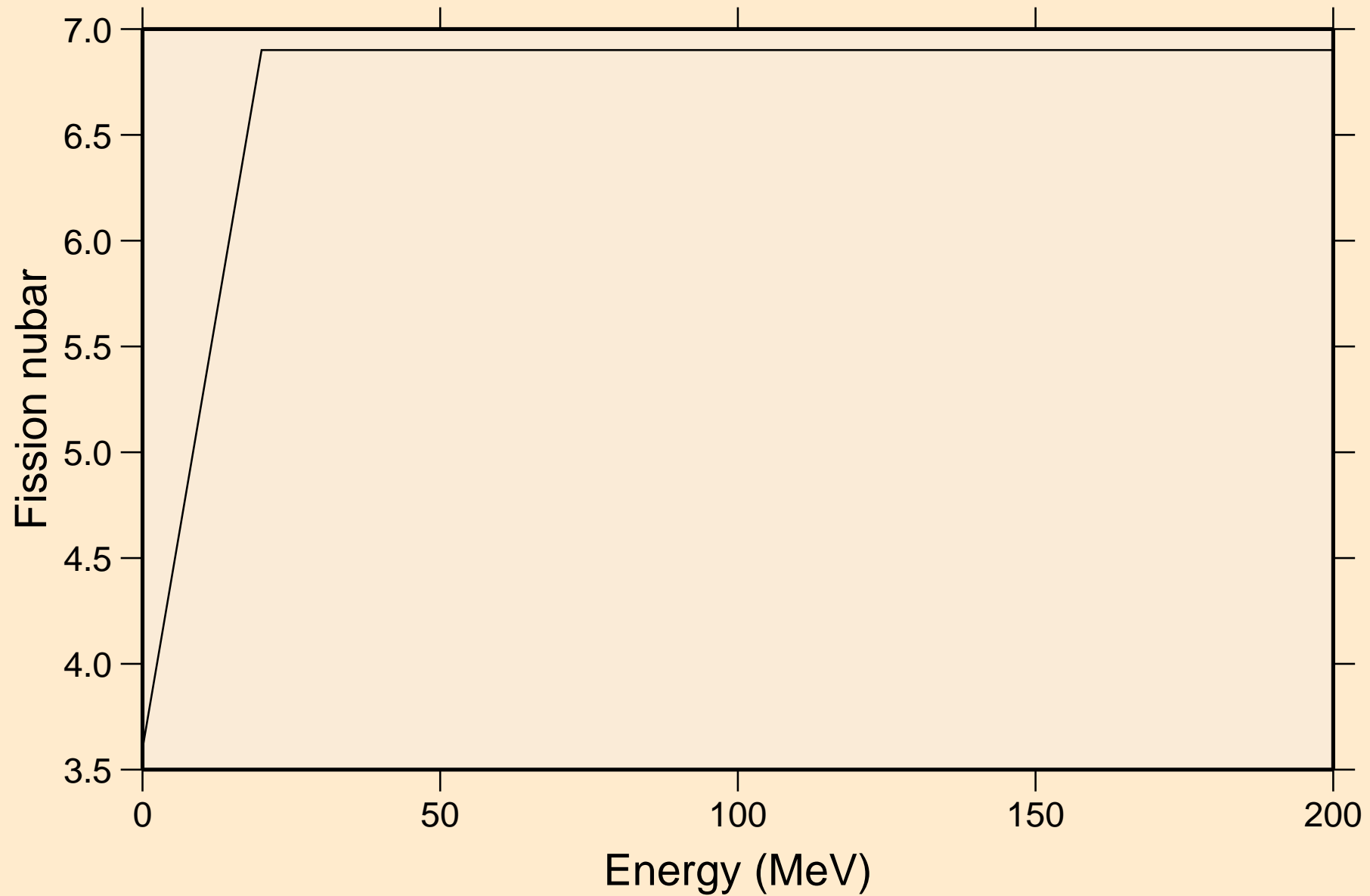


AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*30)

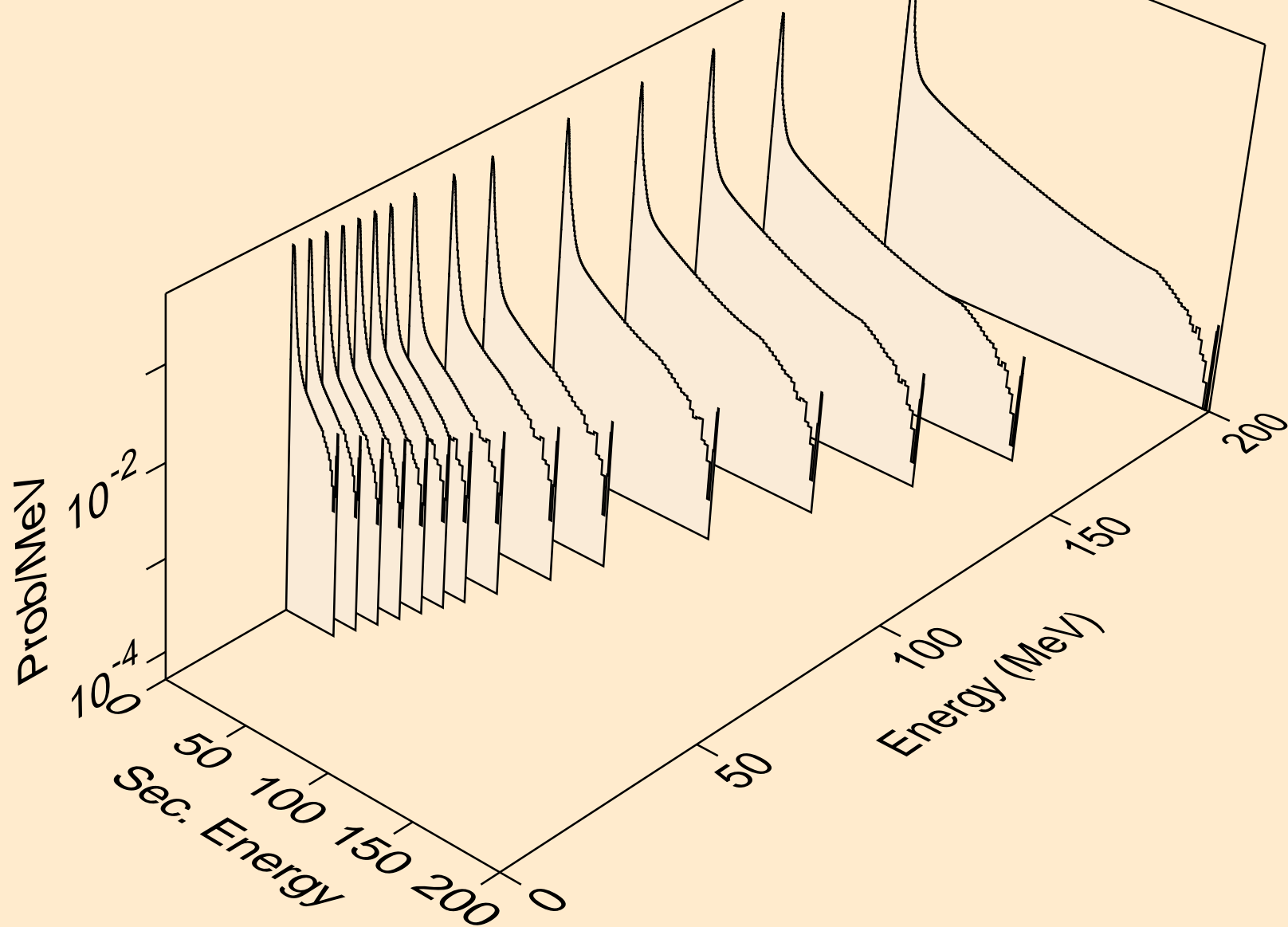


# AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

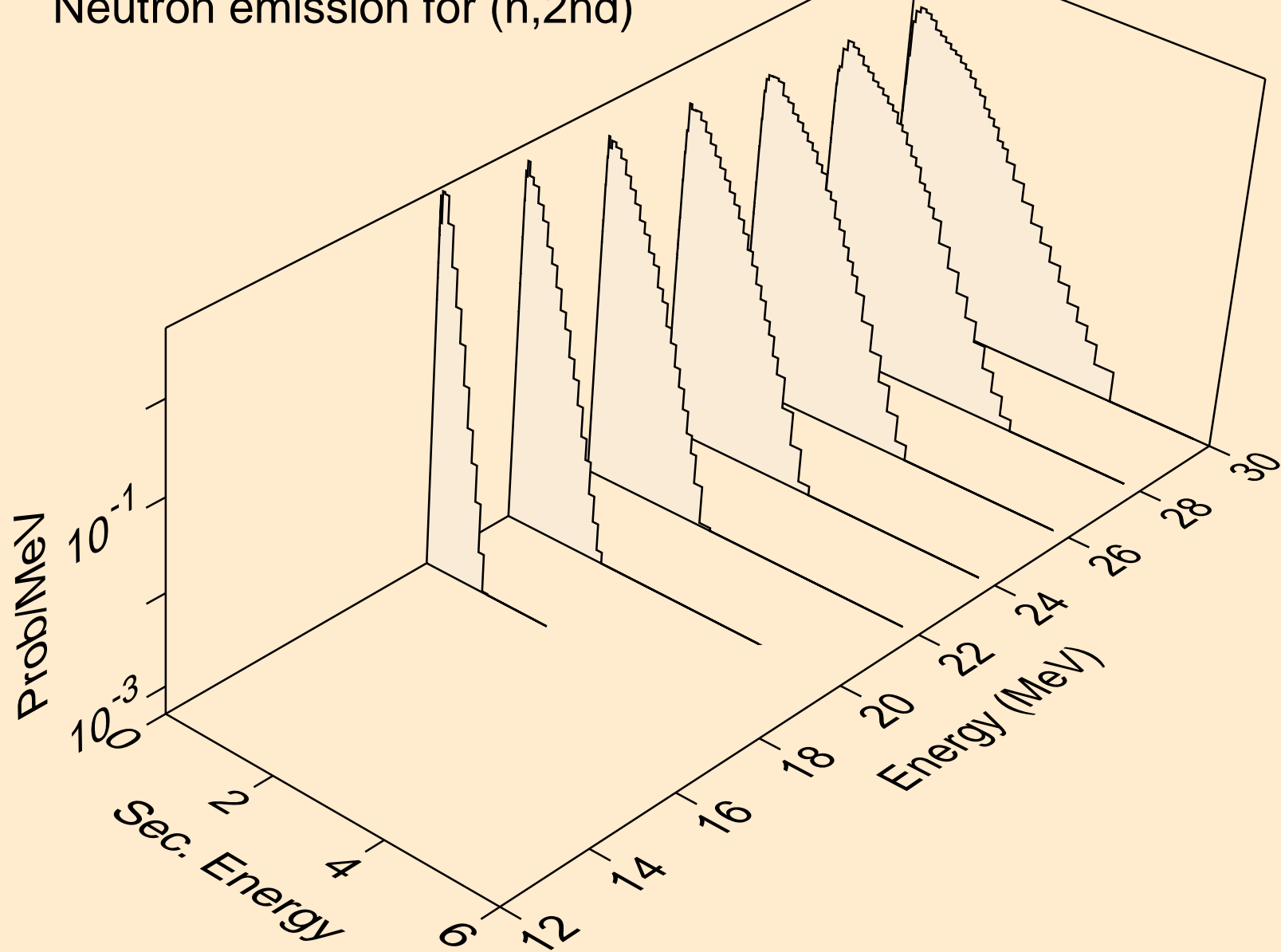
## Total fission nubar



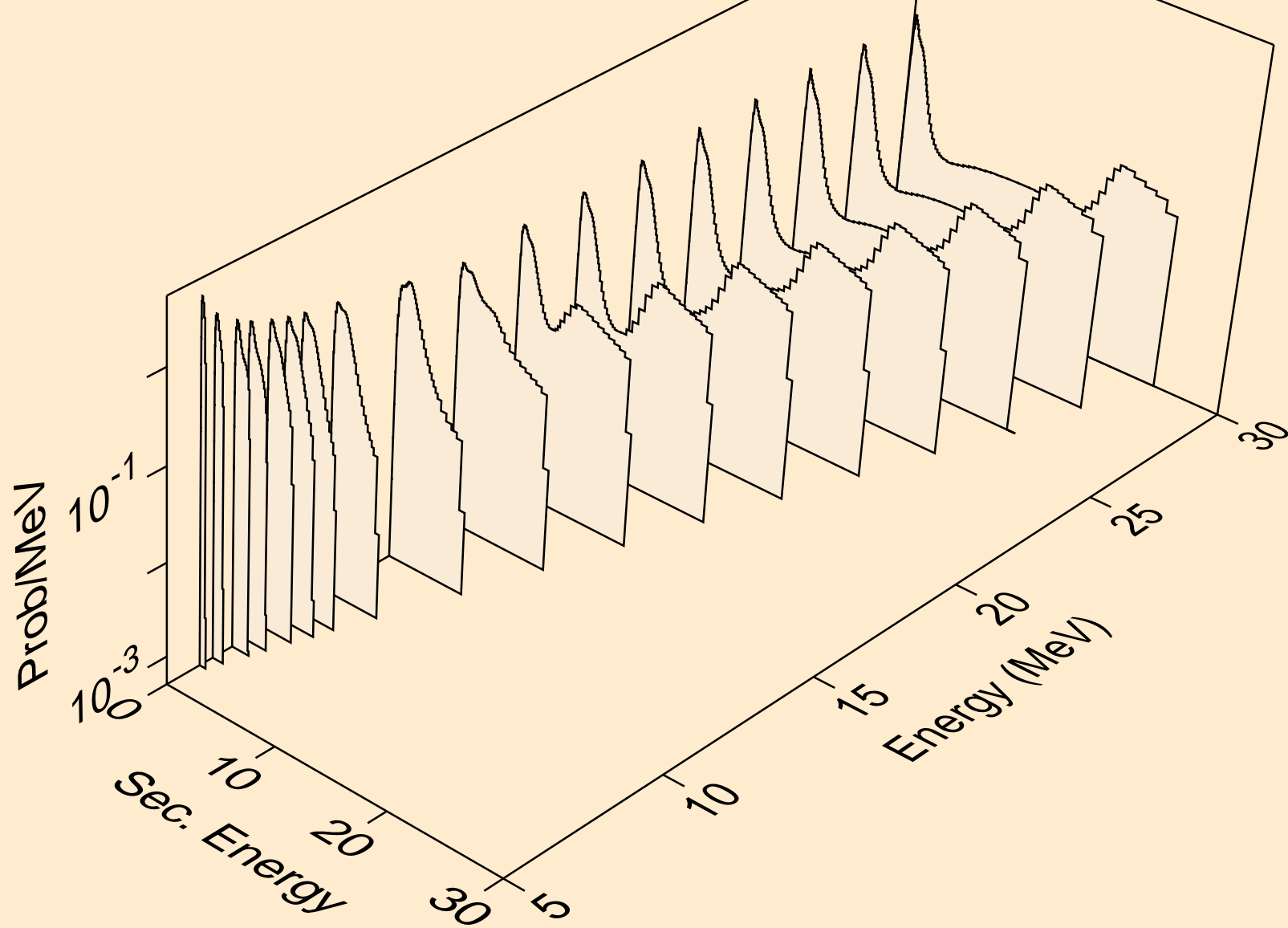
AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



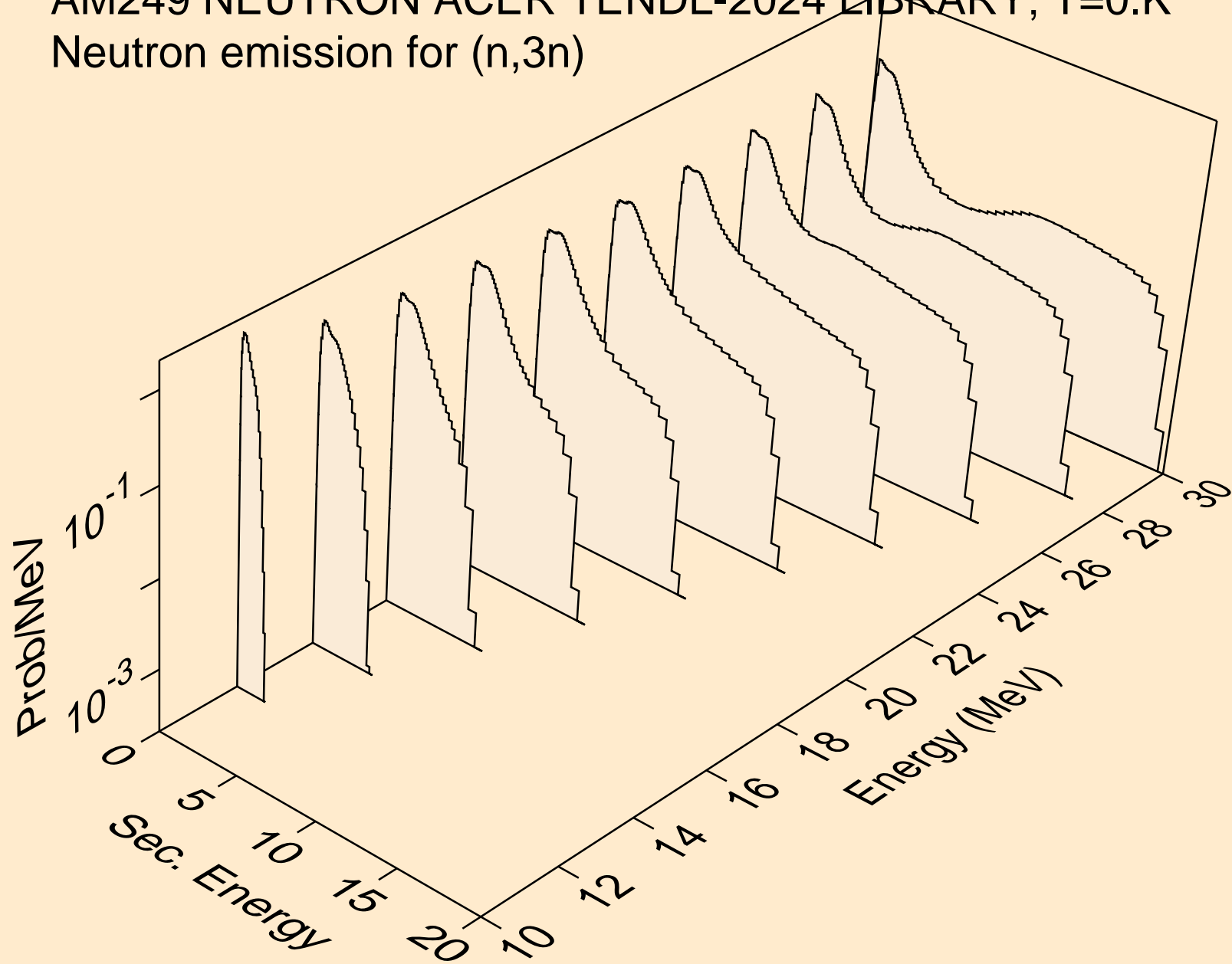
AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



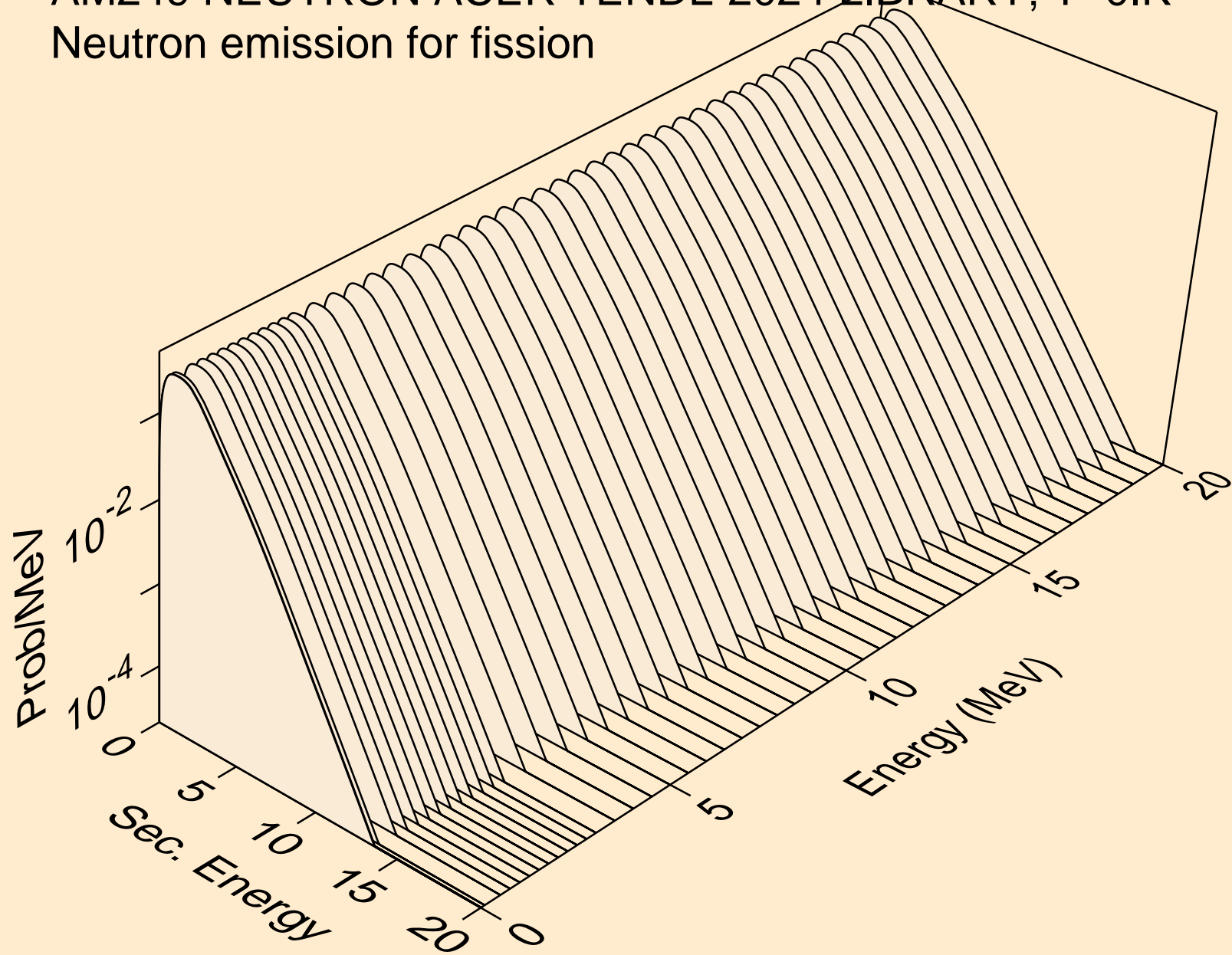
AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



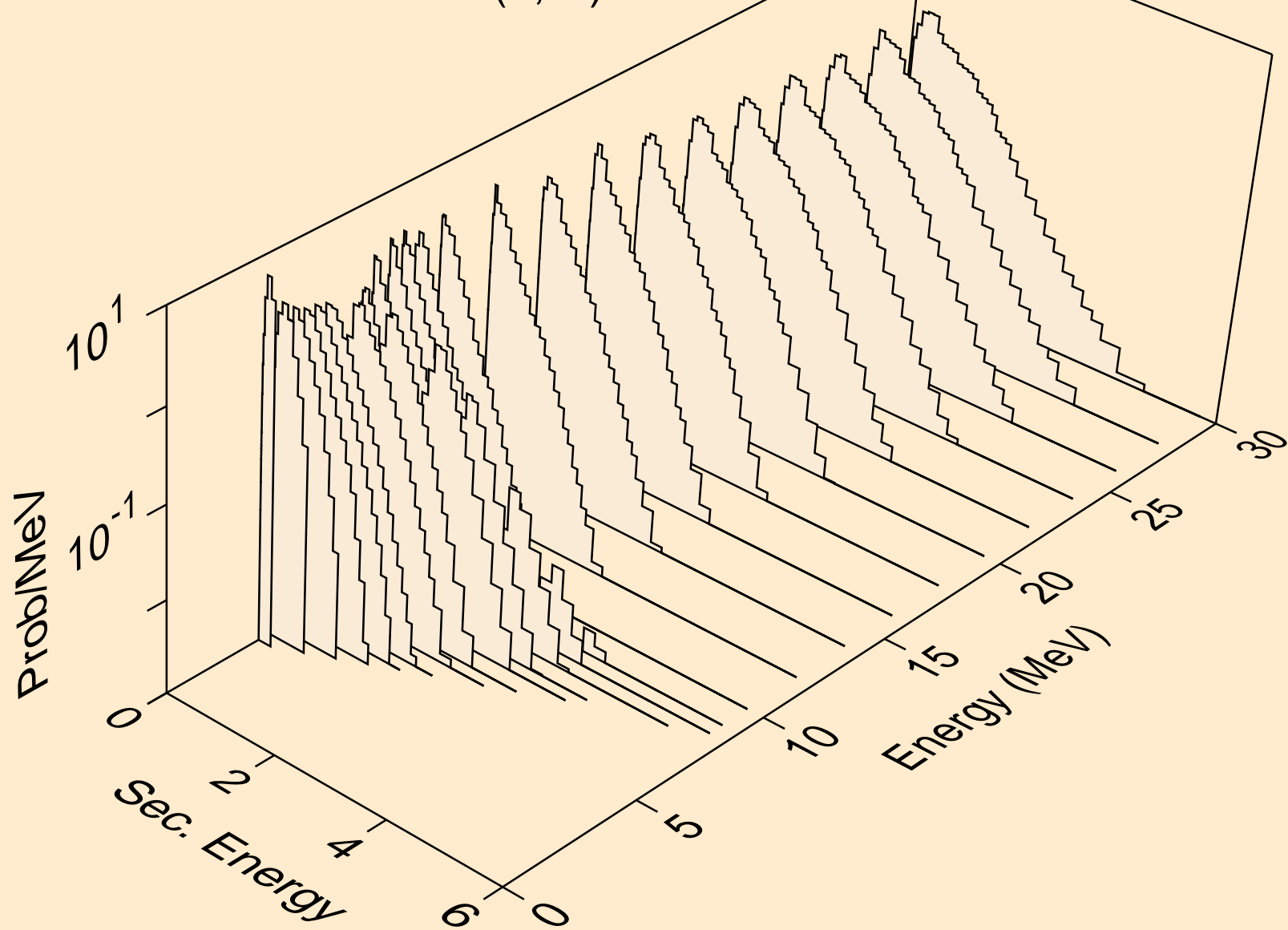
AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



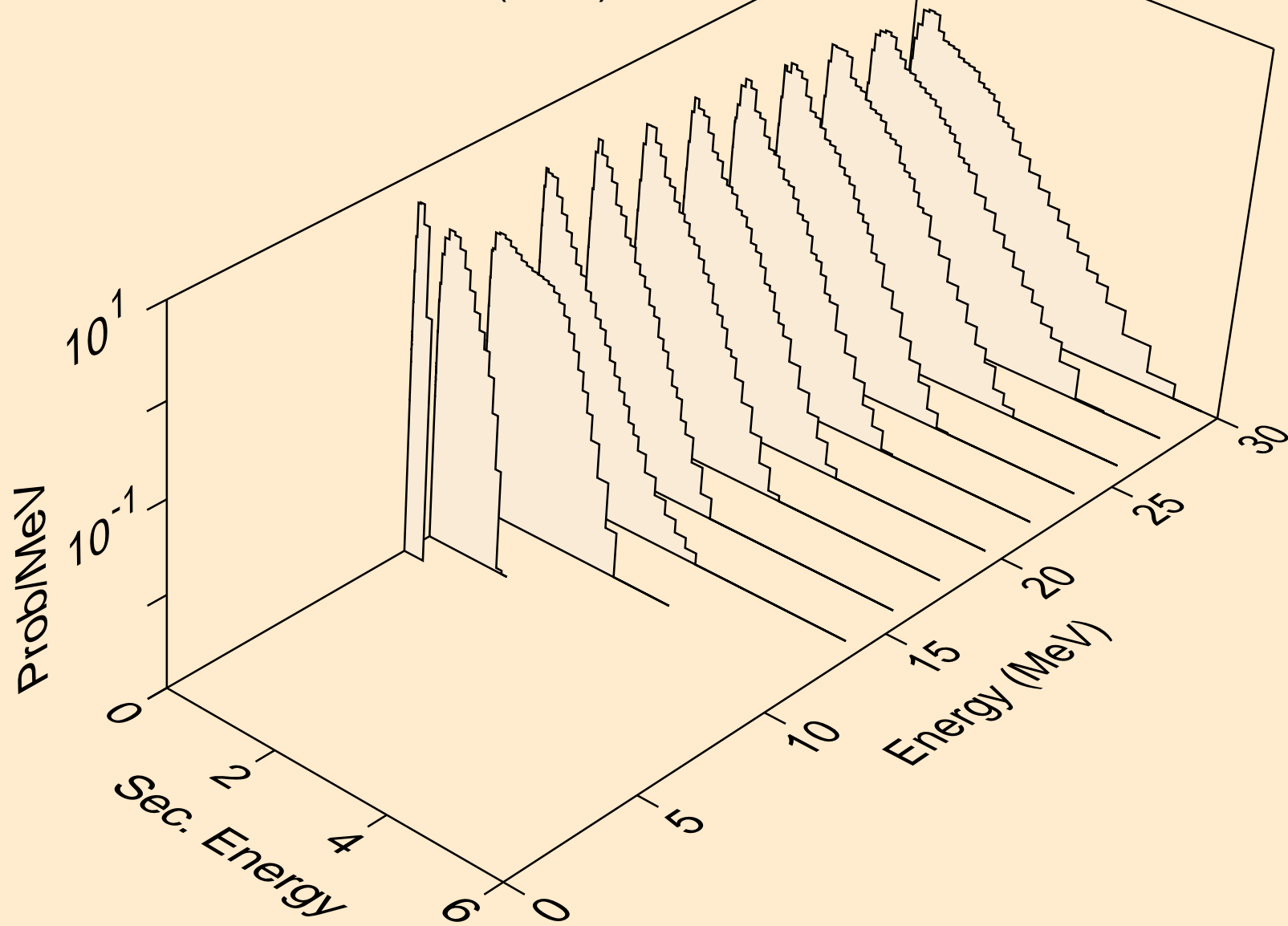
AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for fission



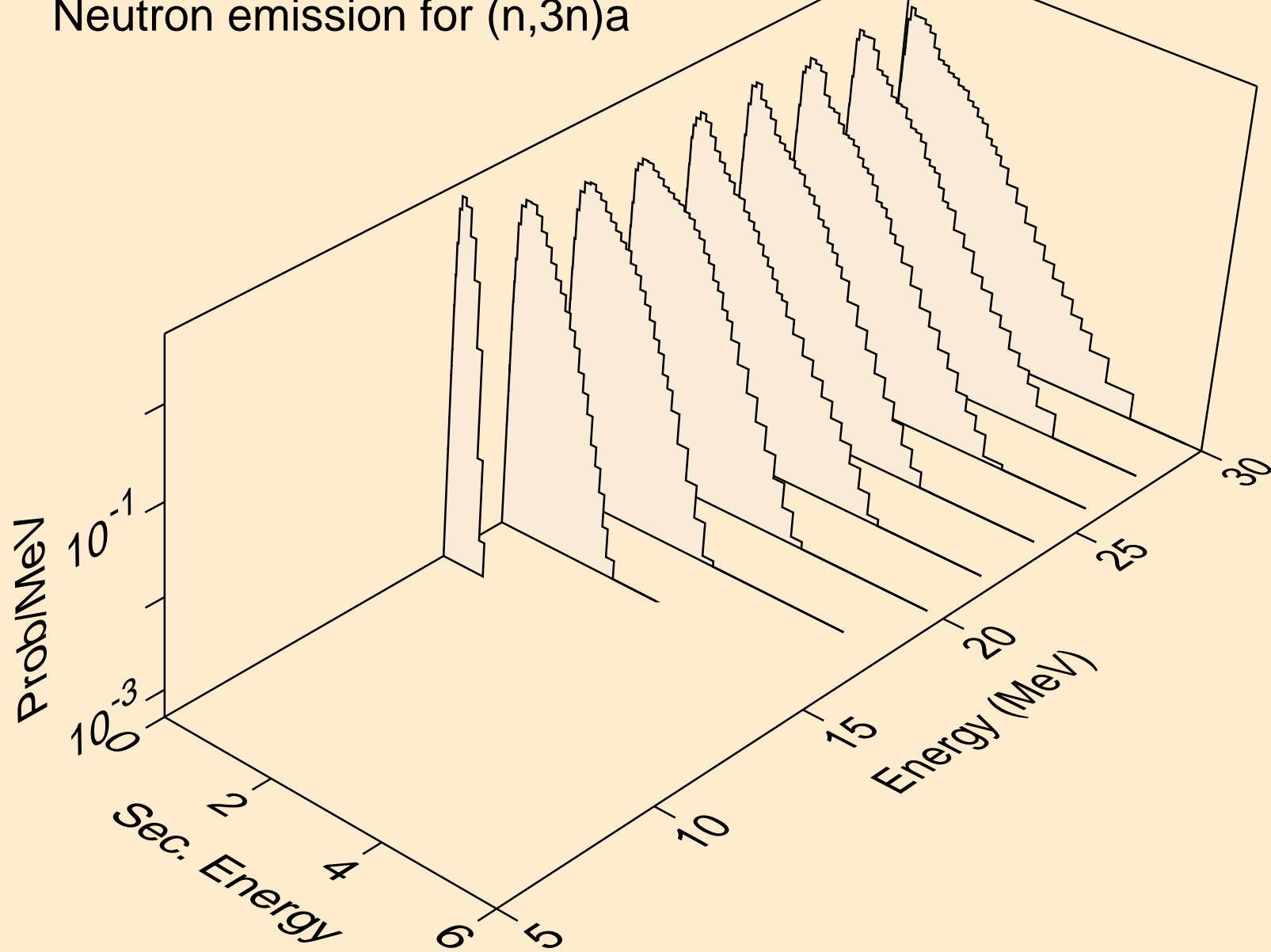
AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



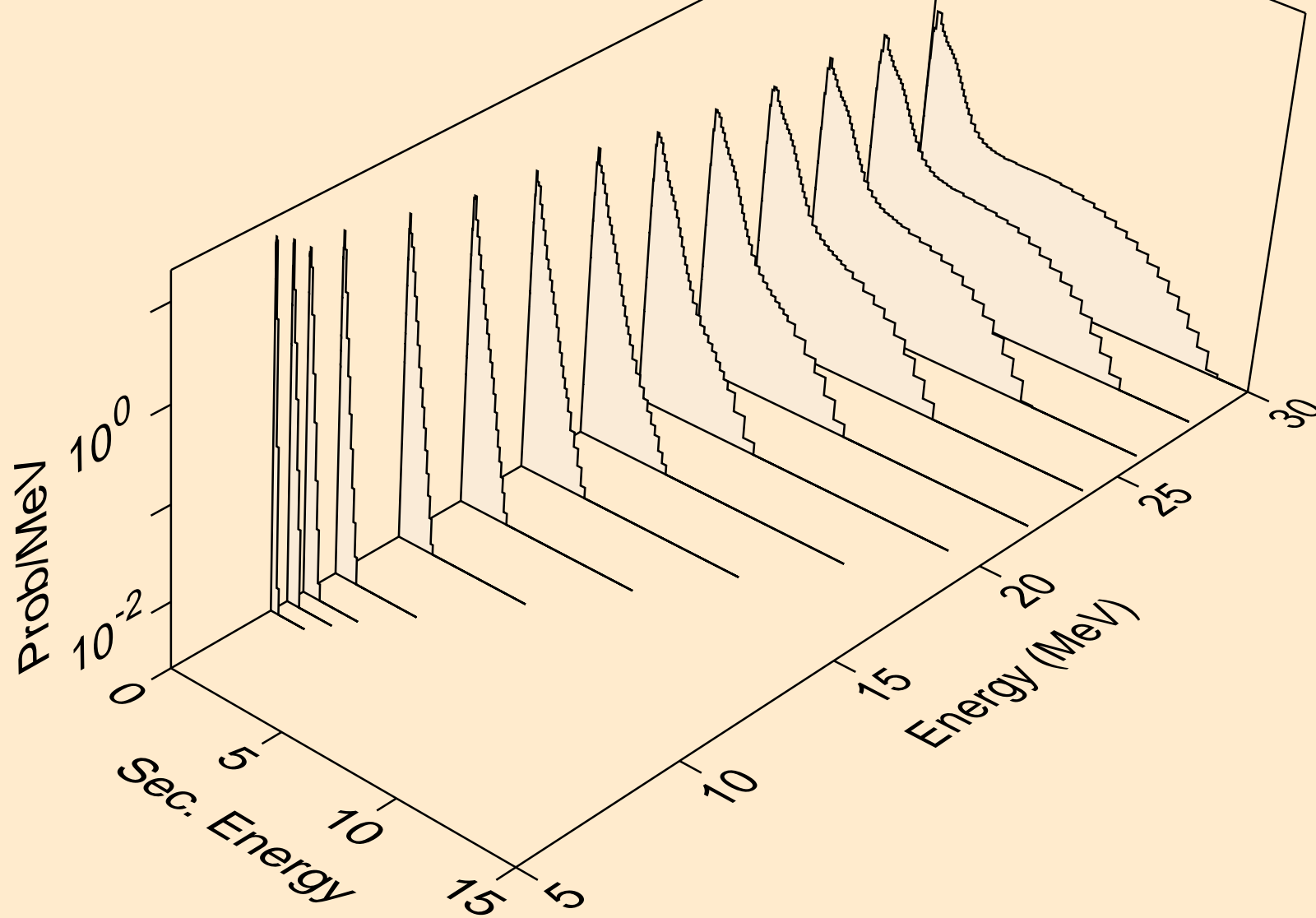
AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



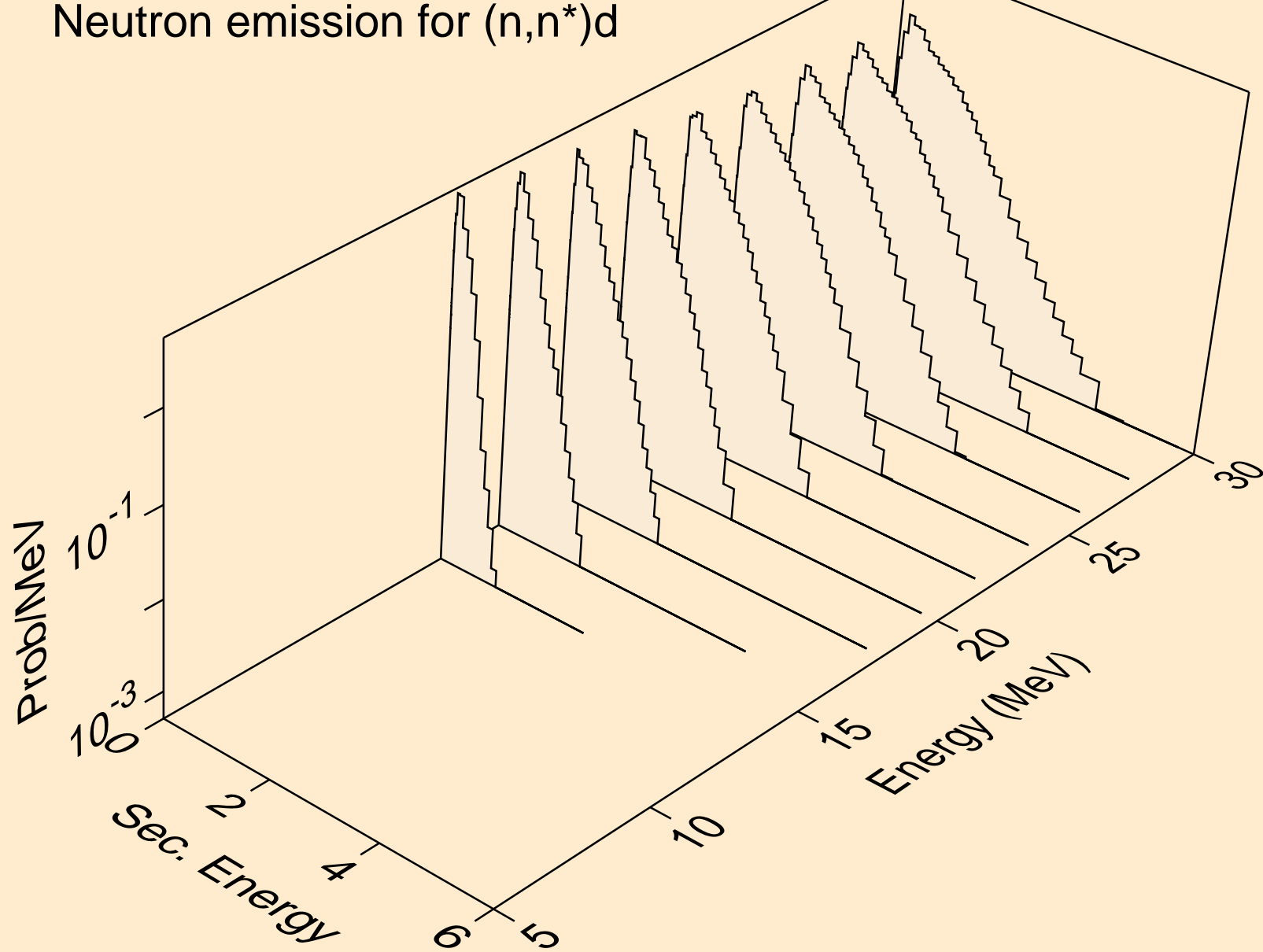
AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



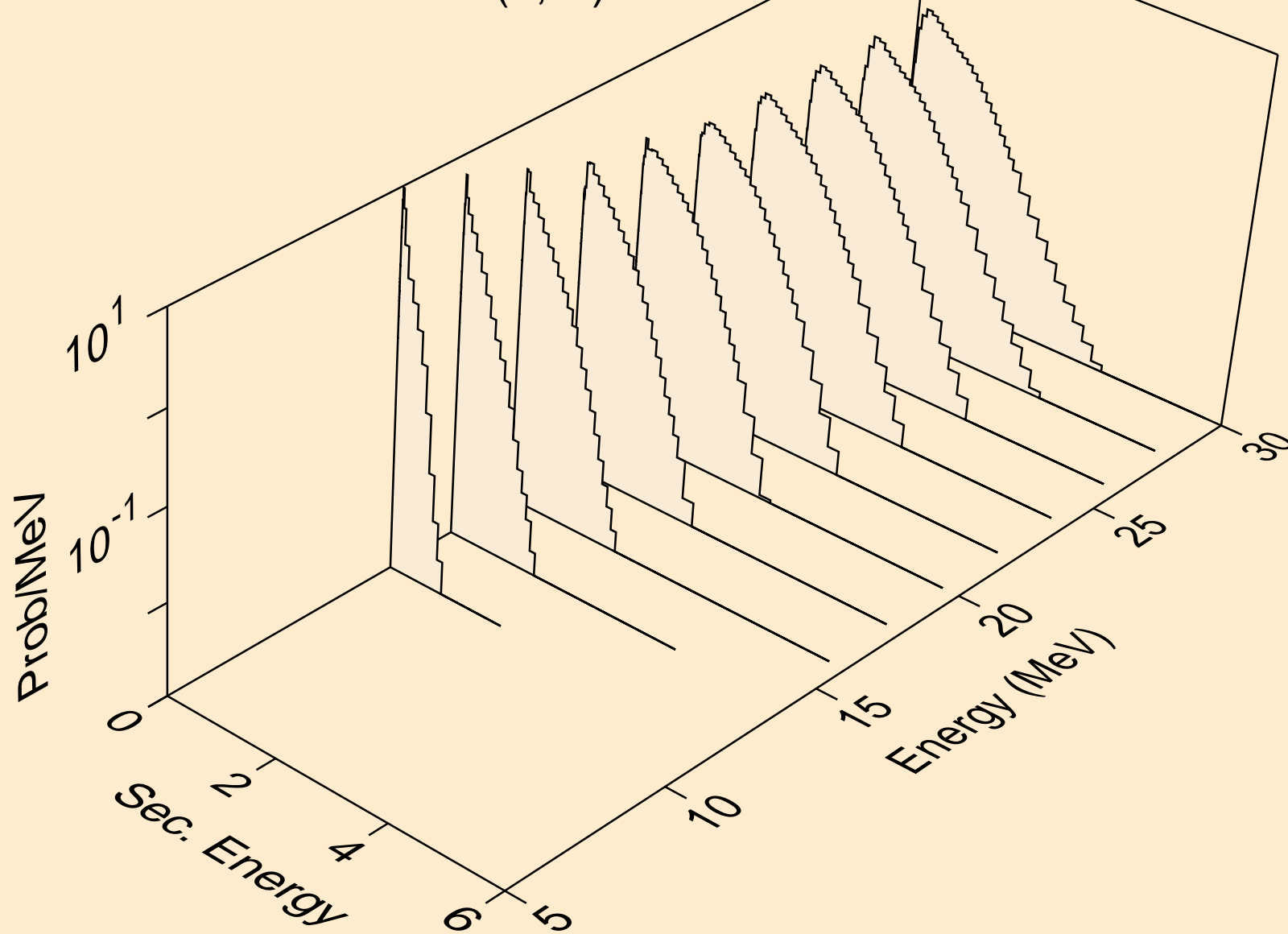
AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



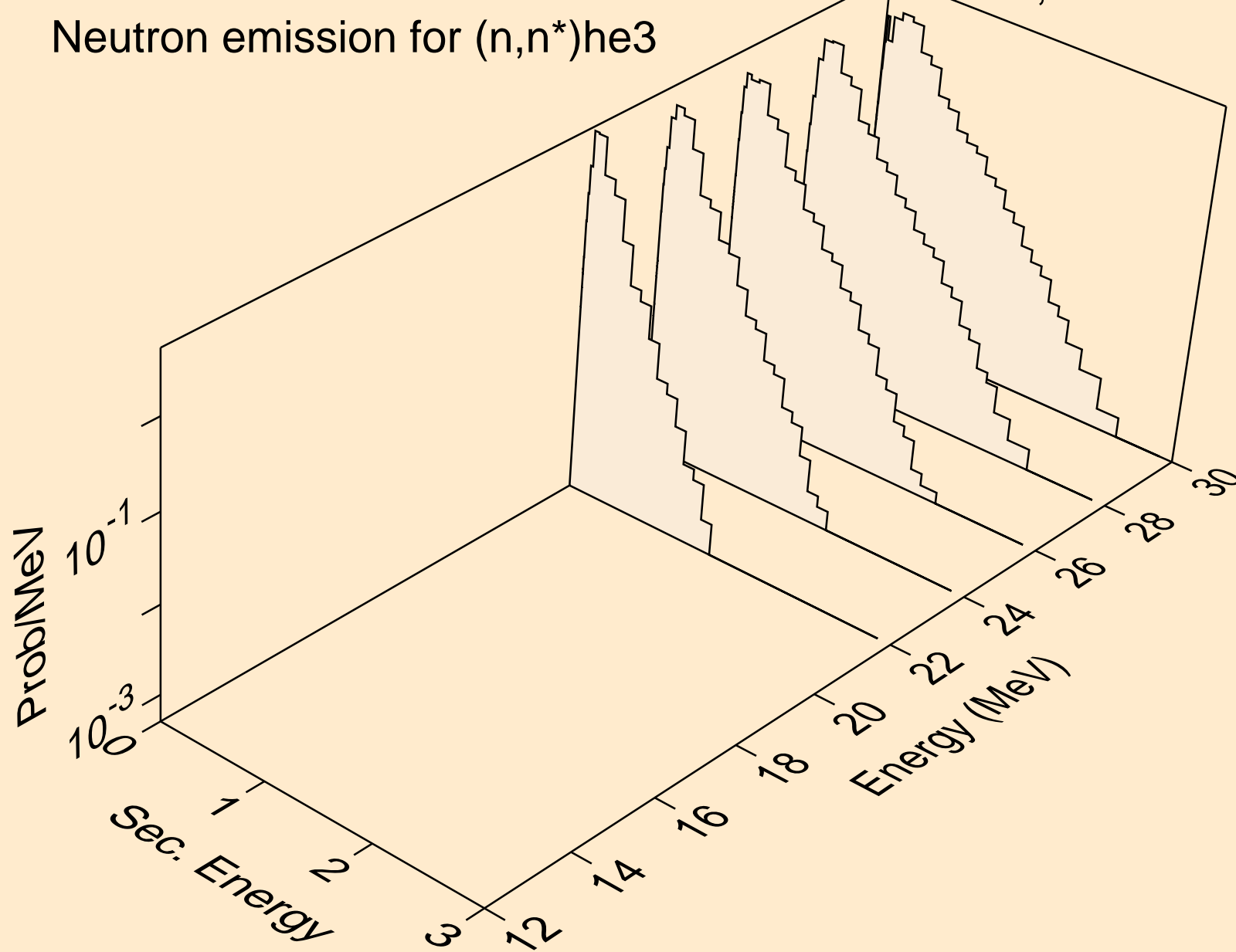
AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



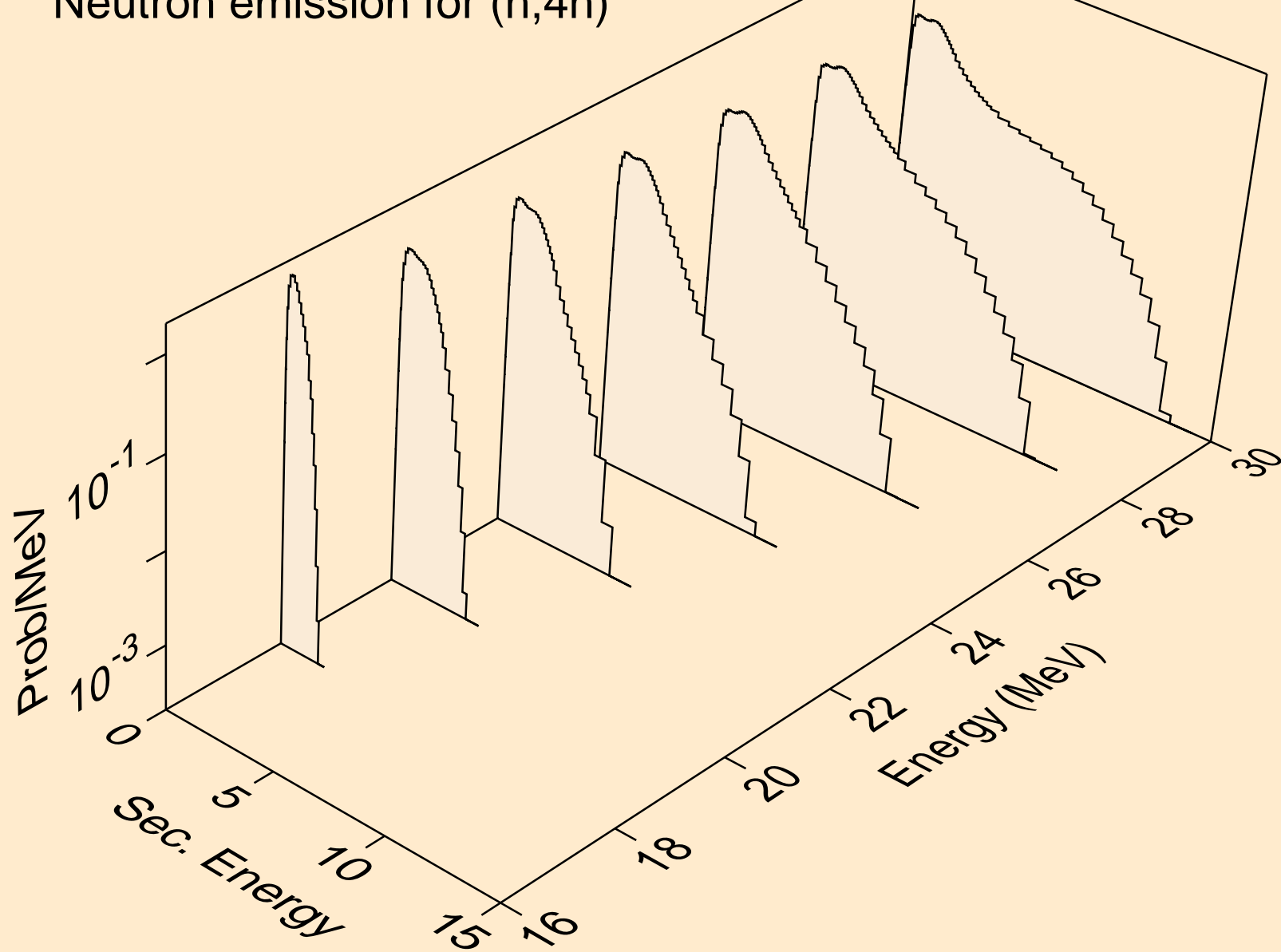
AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



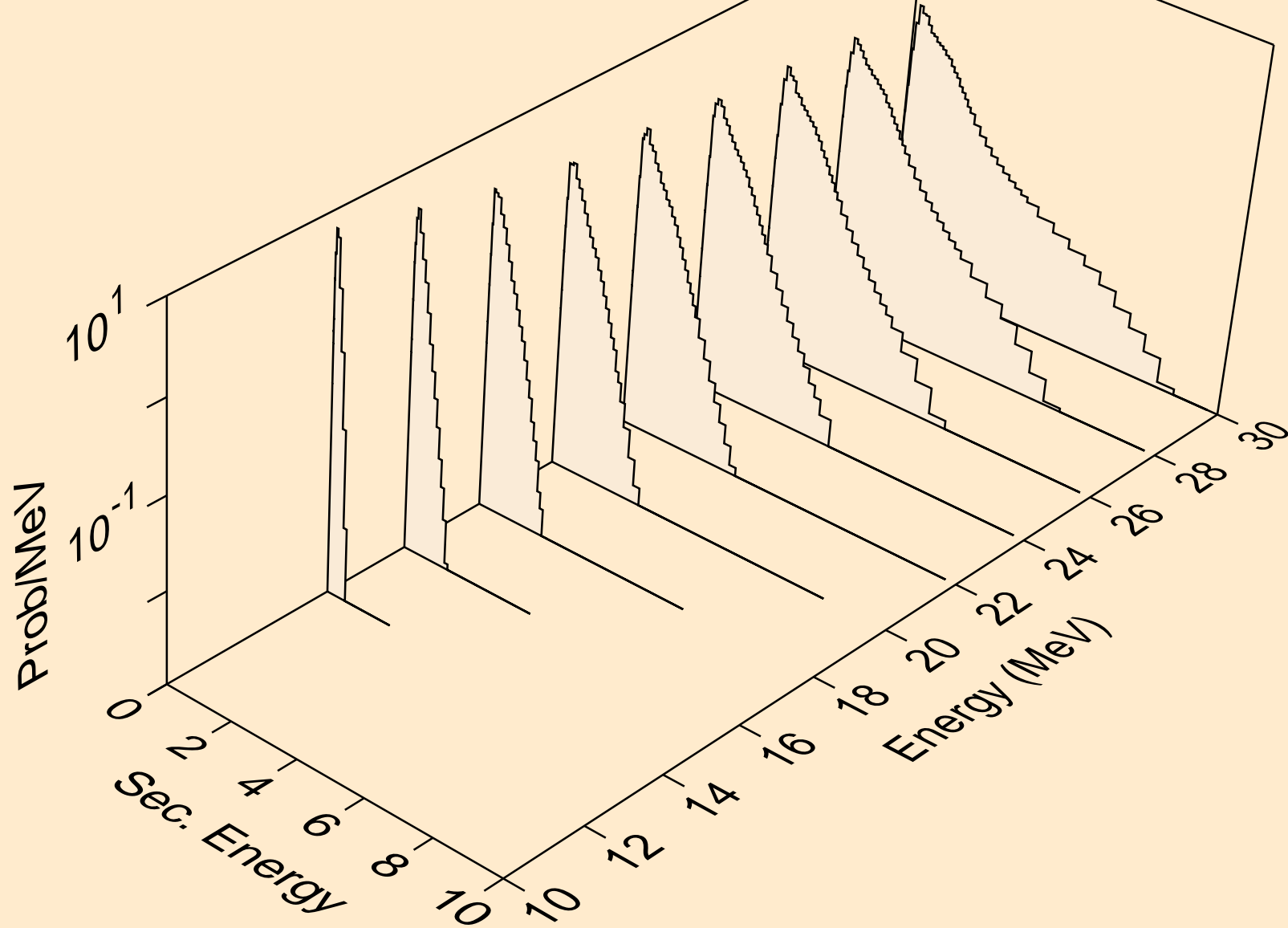
AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



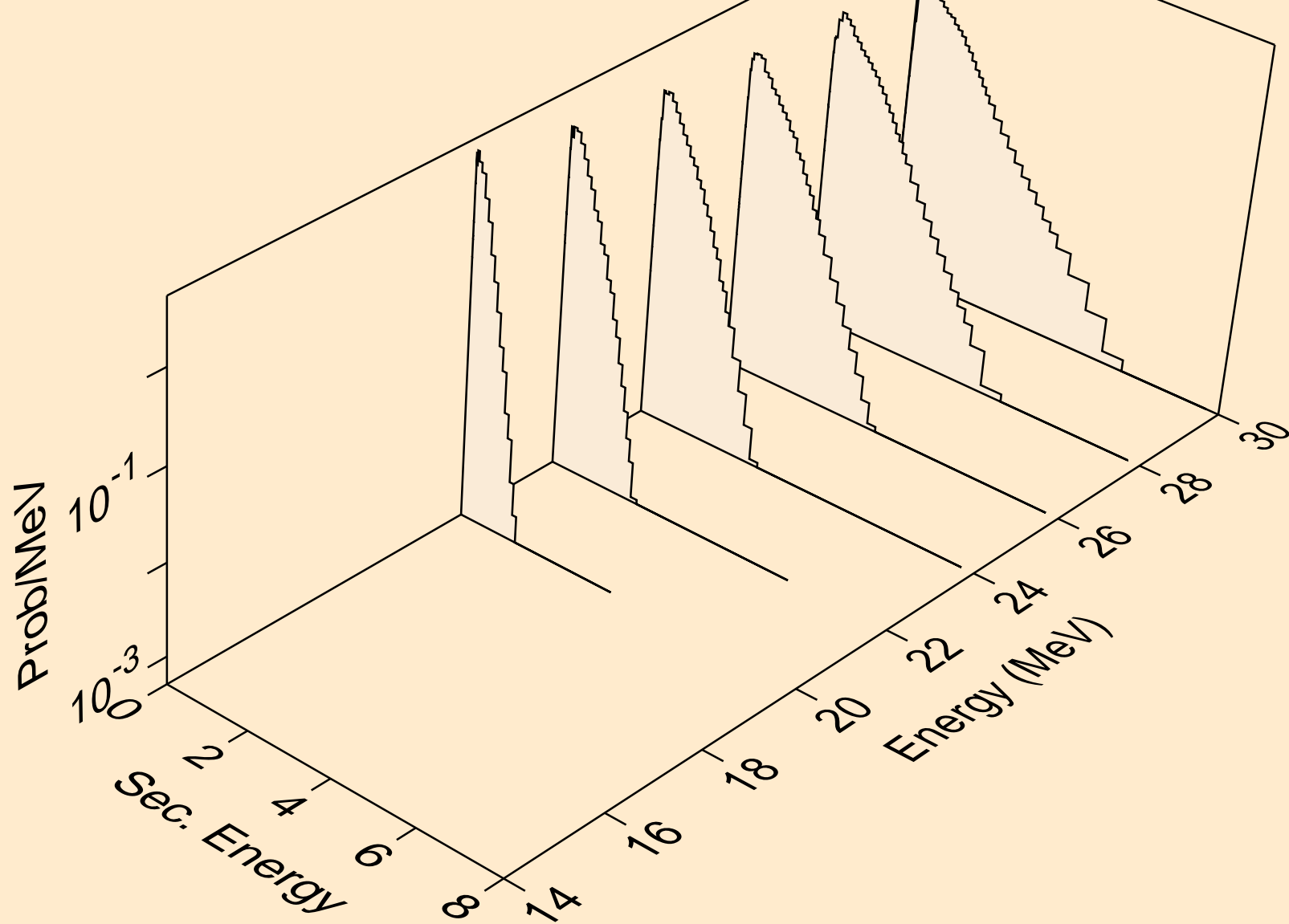
AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



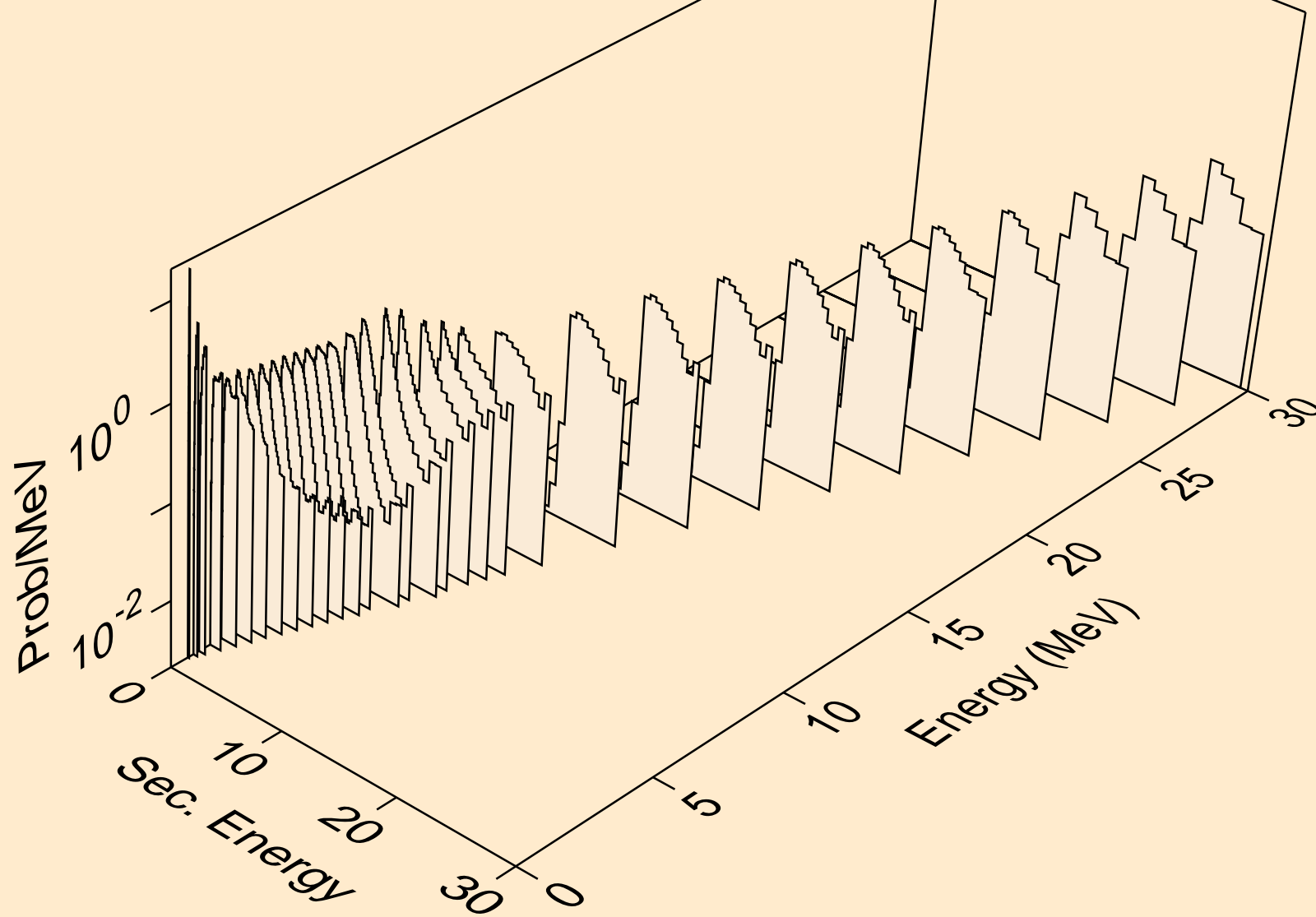
AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)

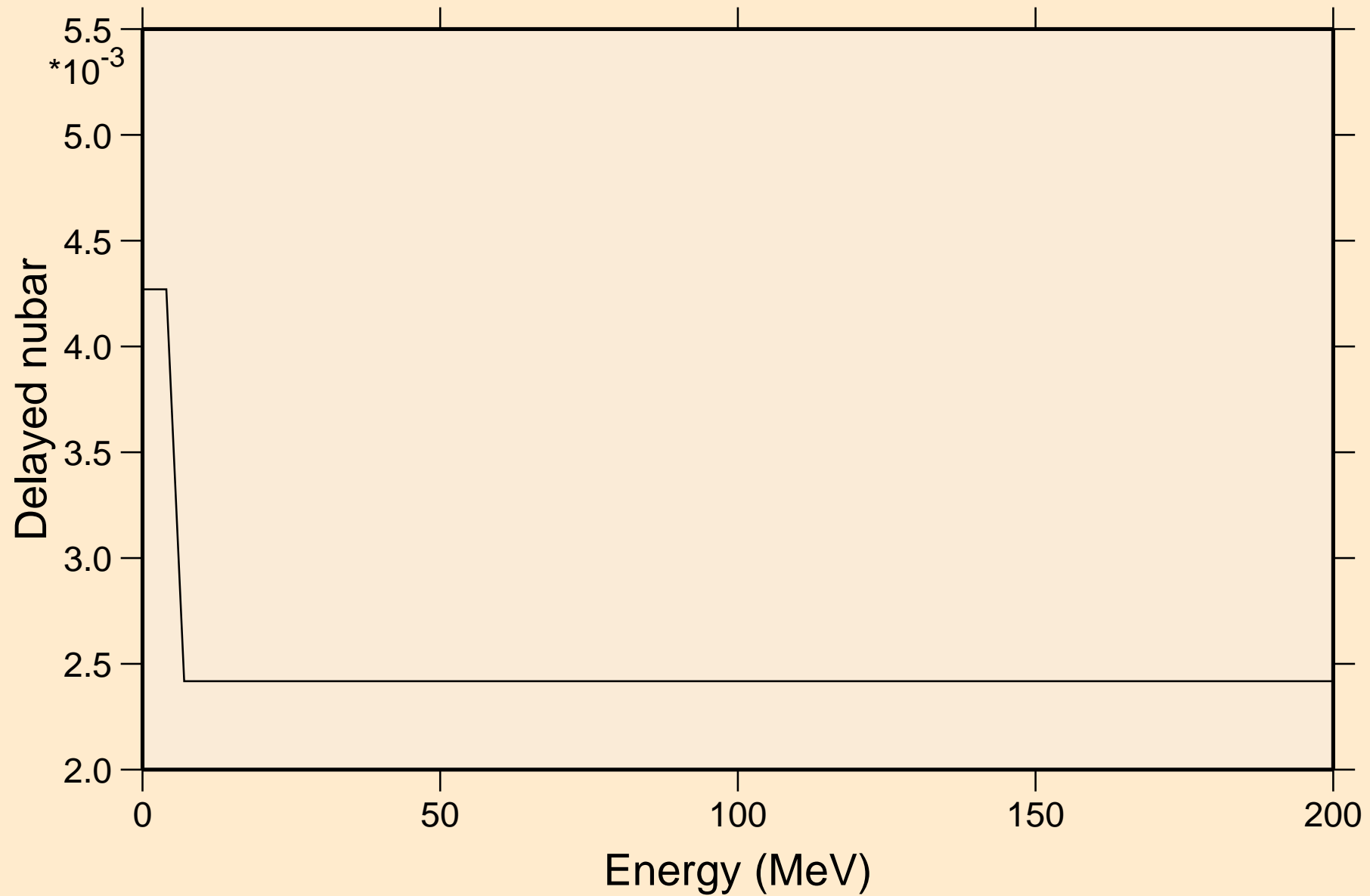


AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



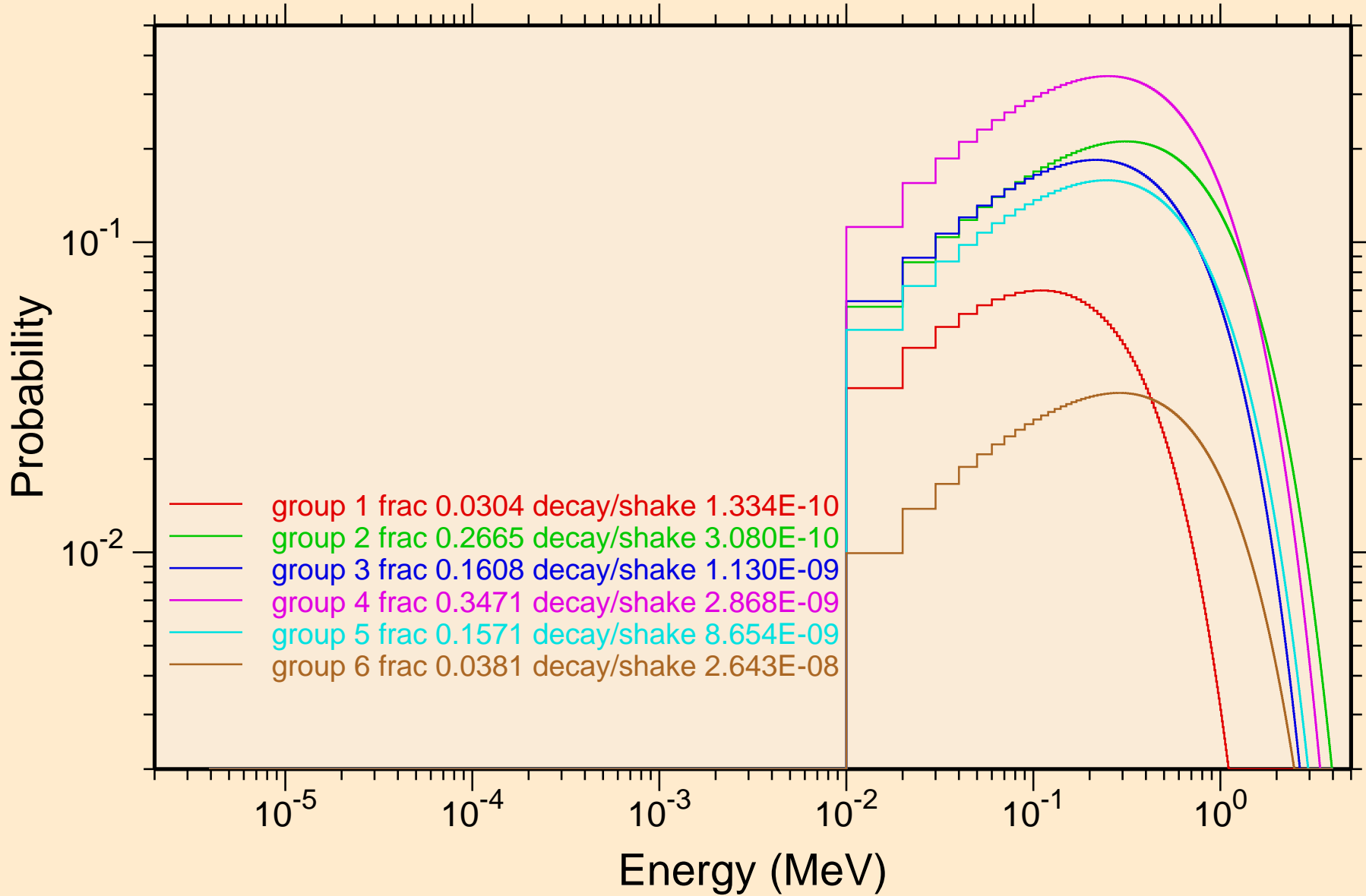
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## Delayed nubar

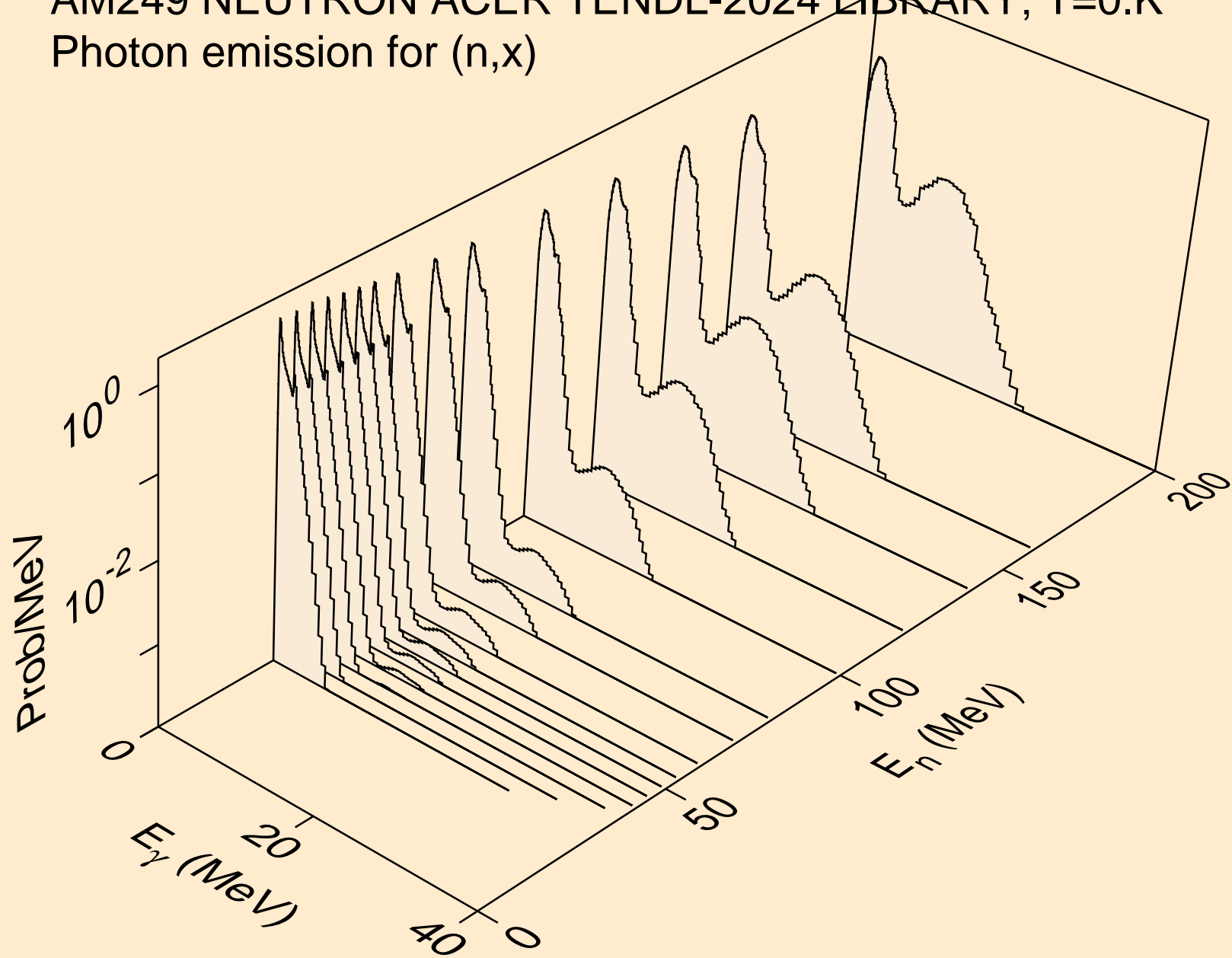


# AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

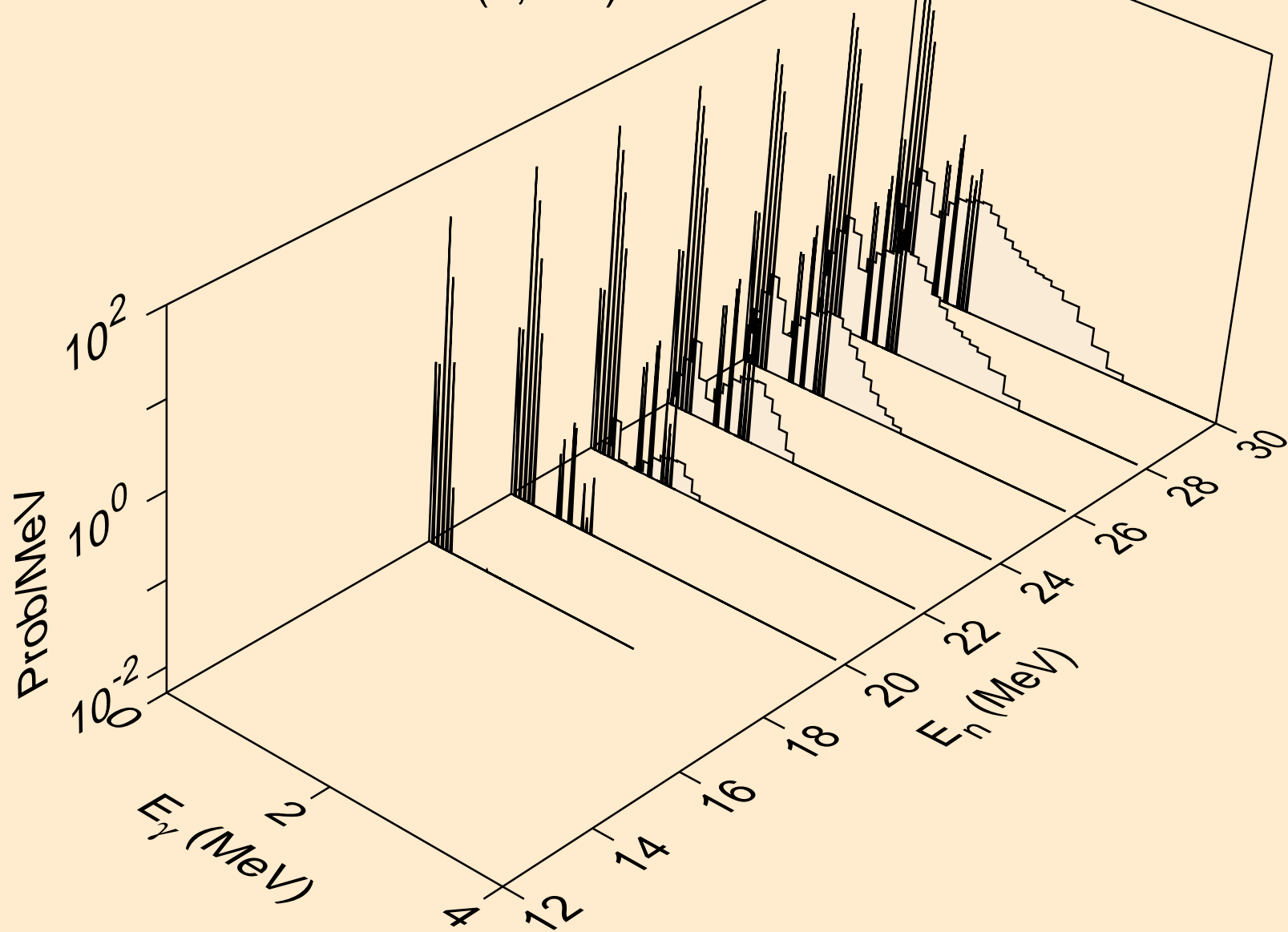
## Delayed neutron spectra



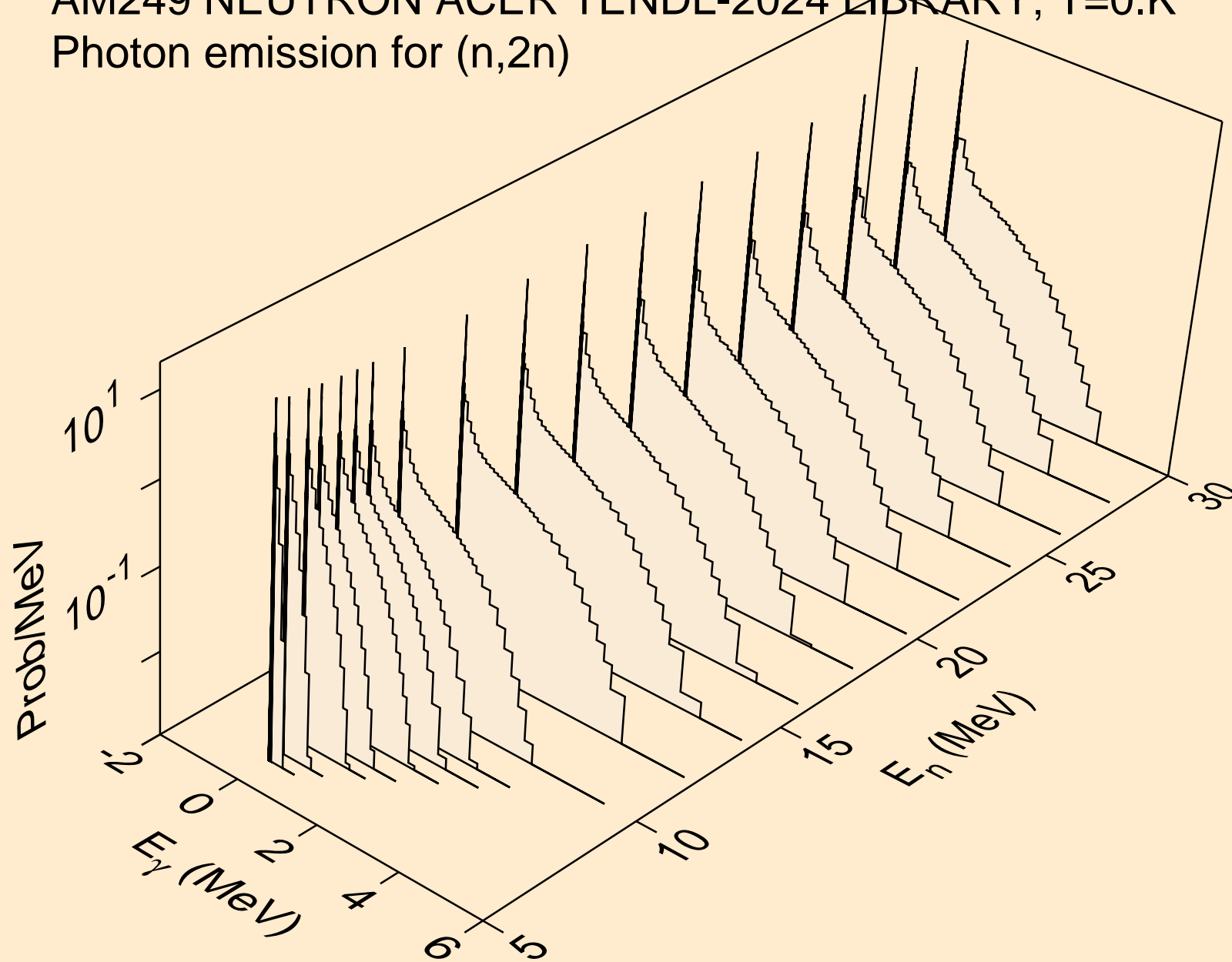
AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



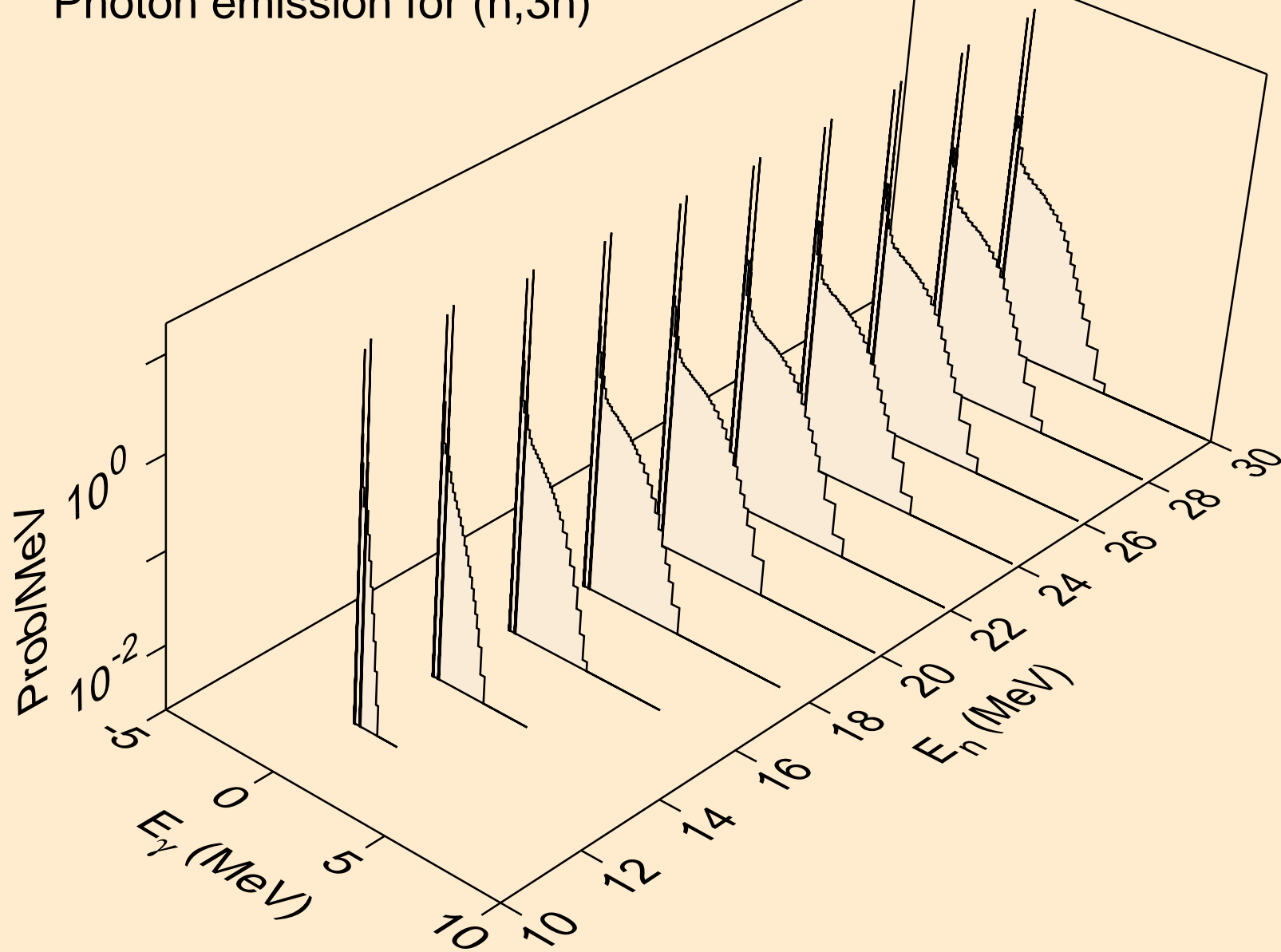
AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



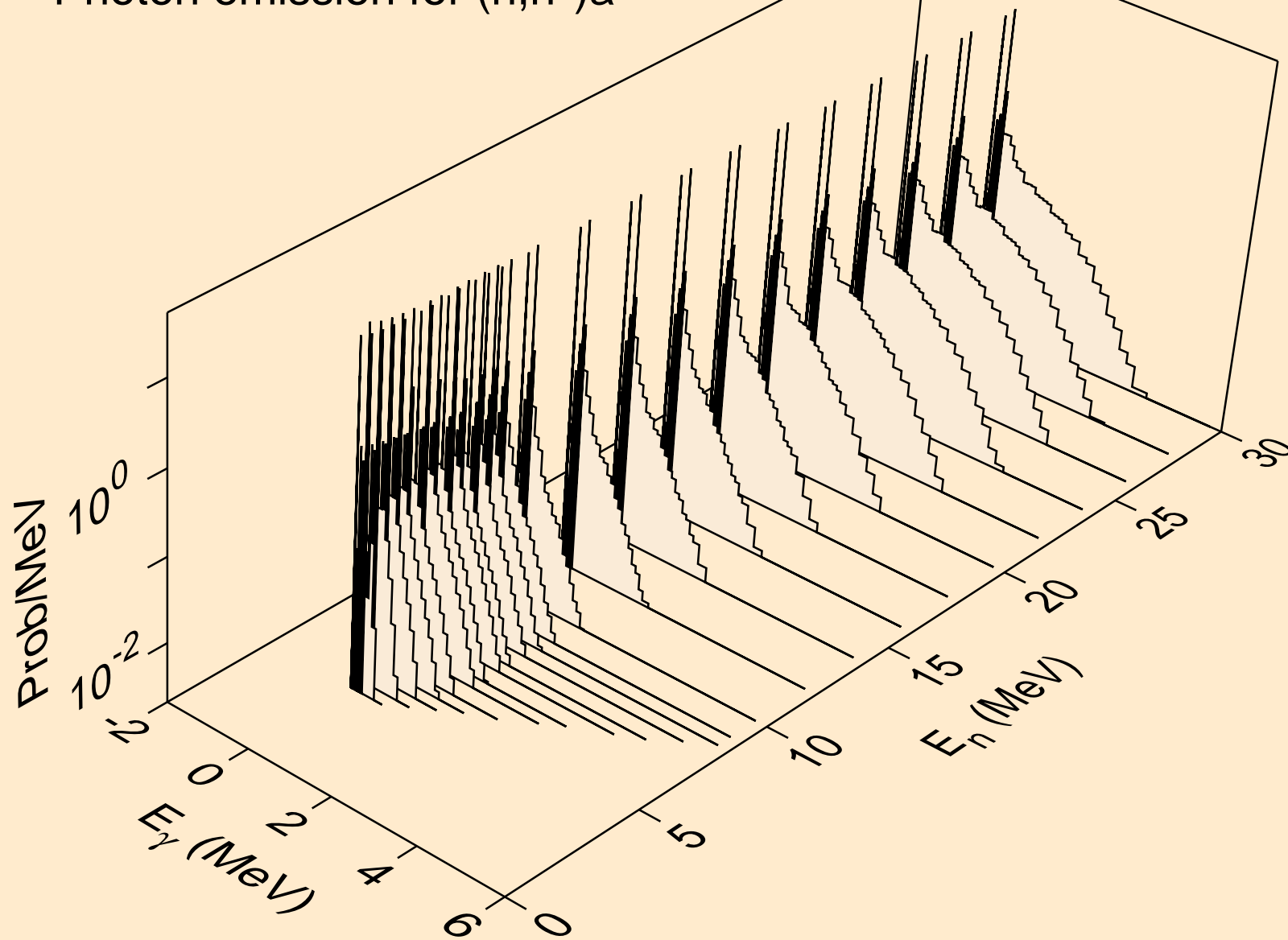
AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



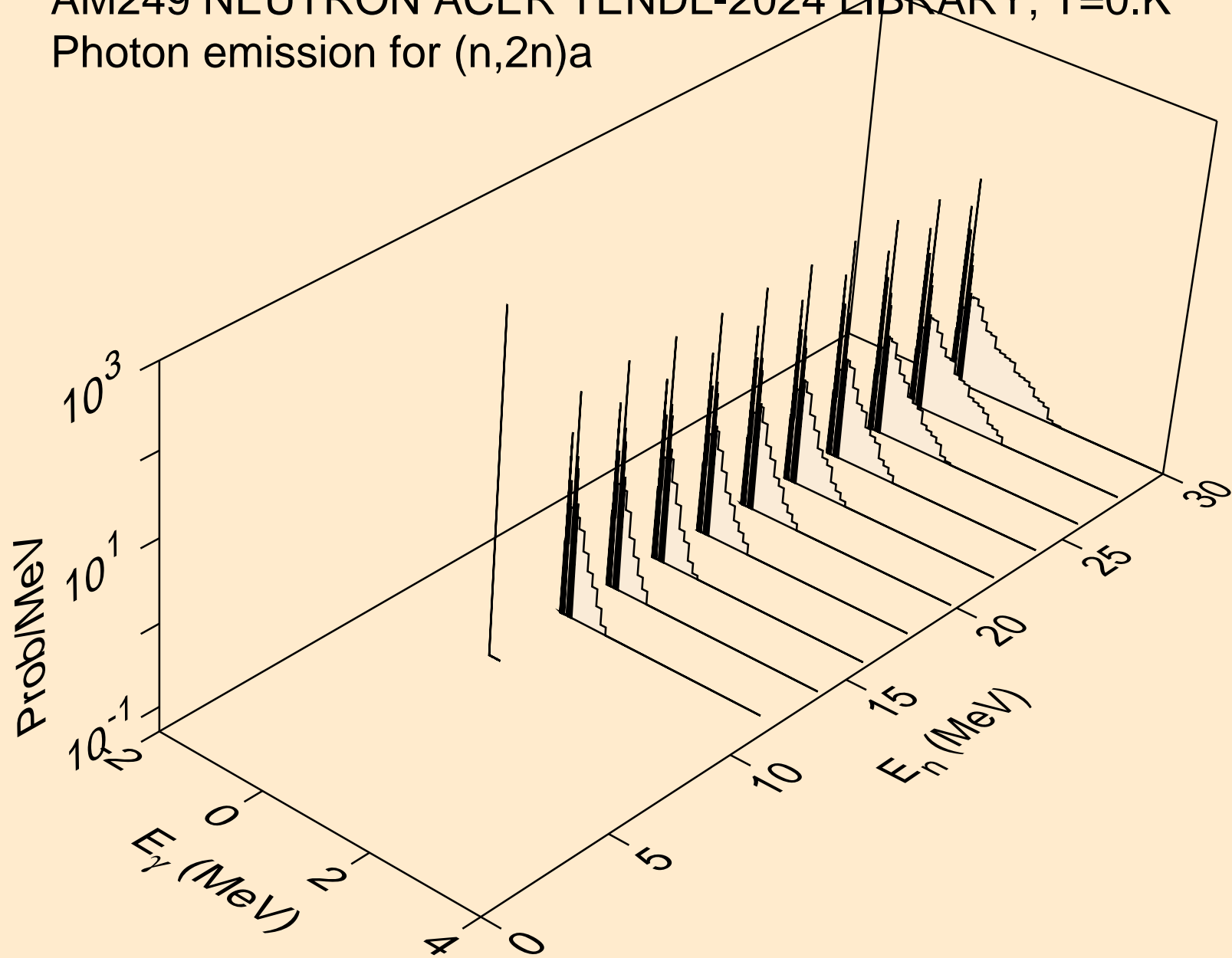
AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



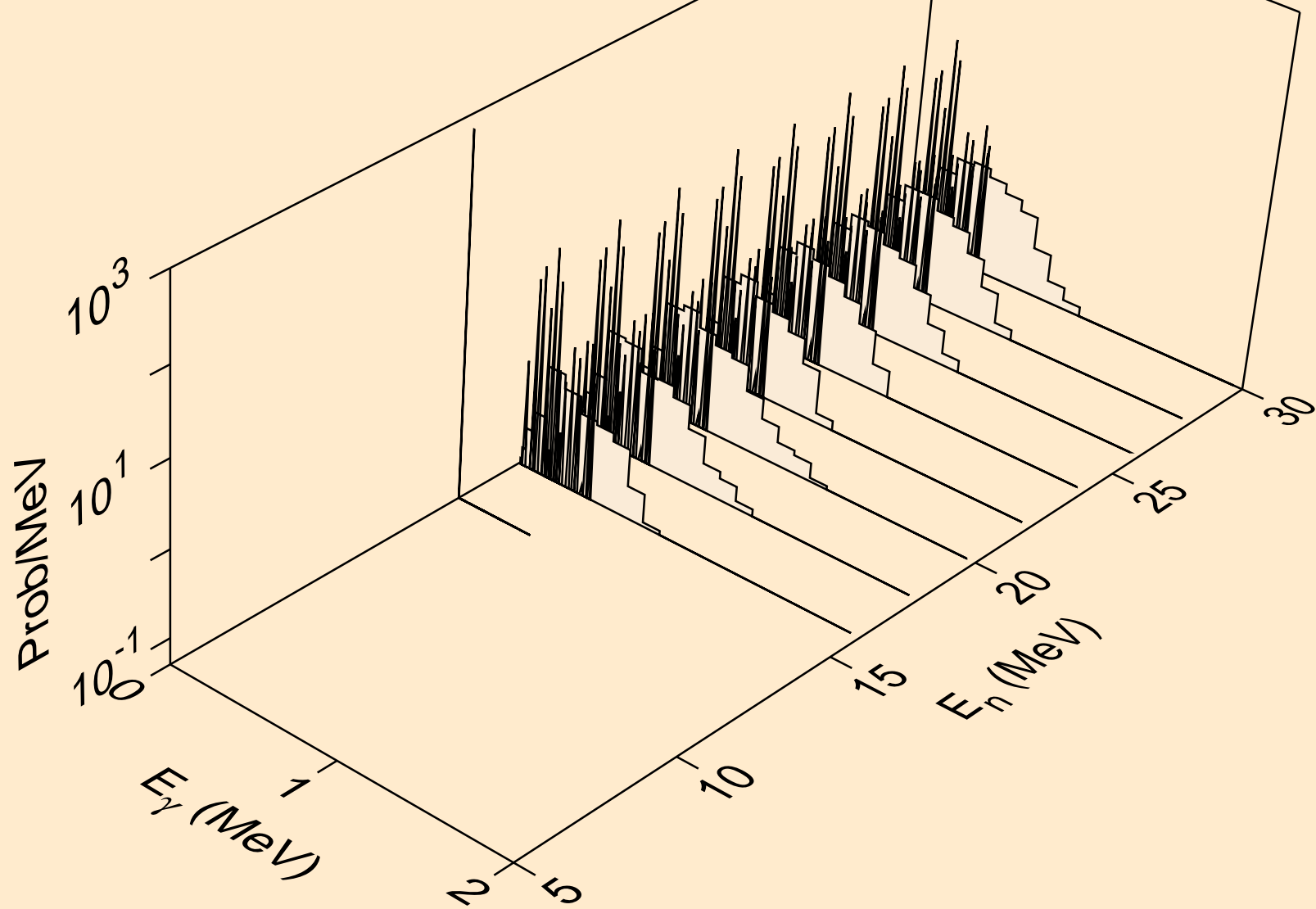
AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



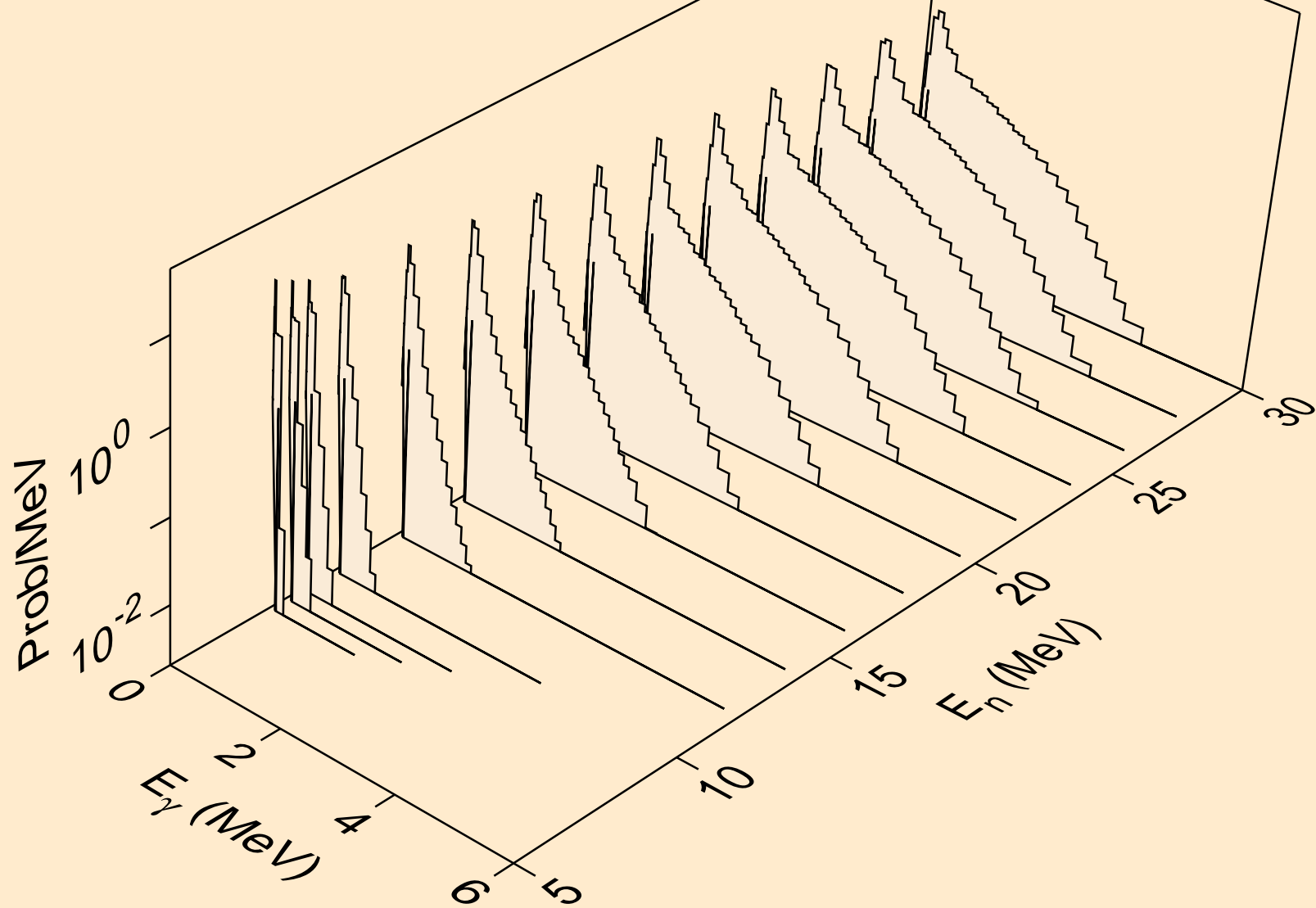
AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



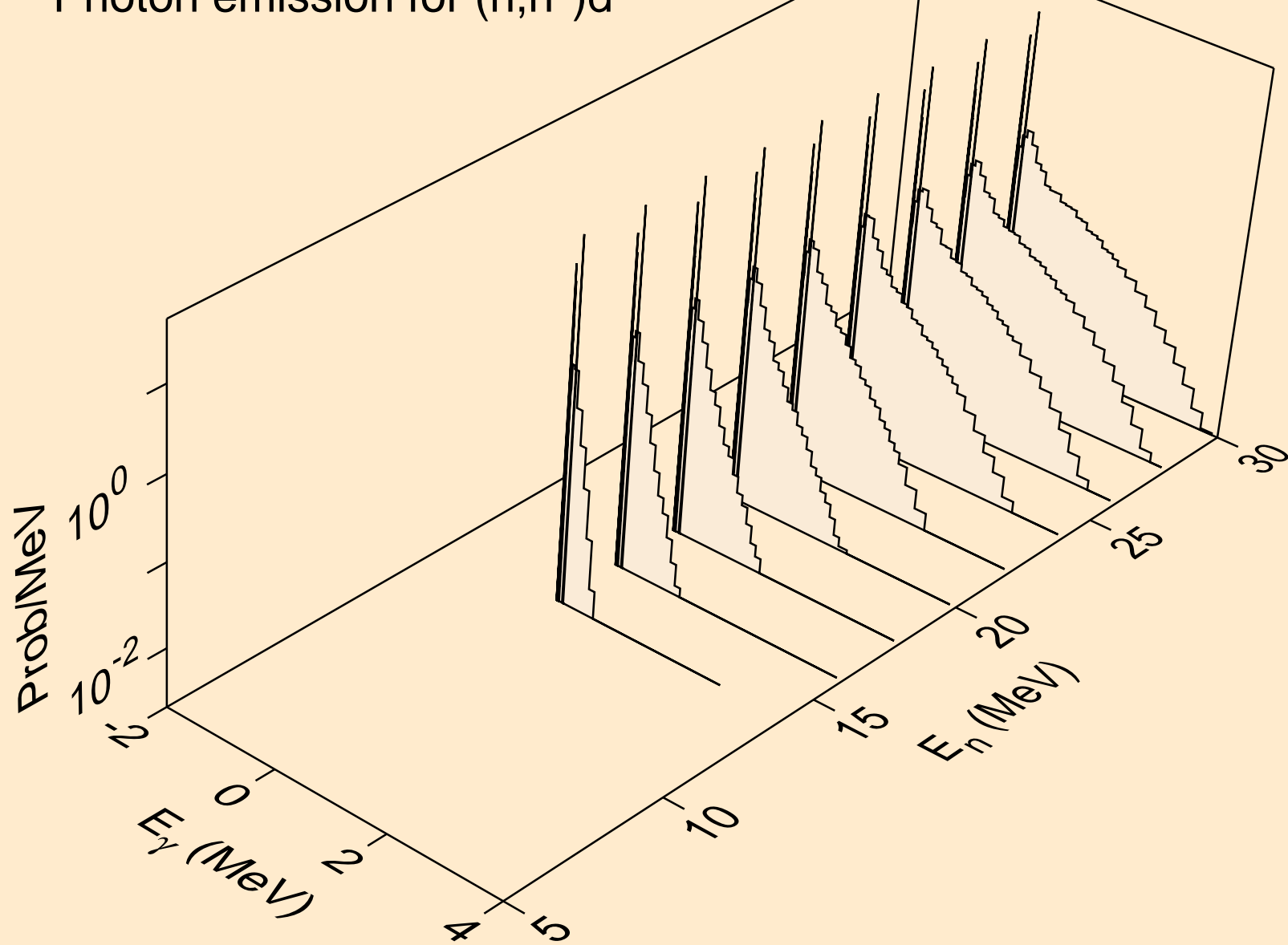
AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a



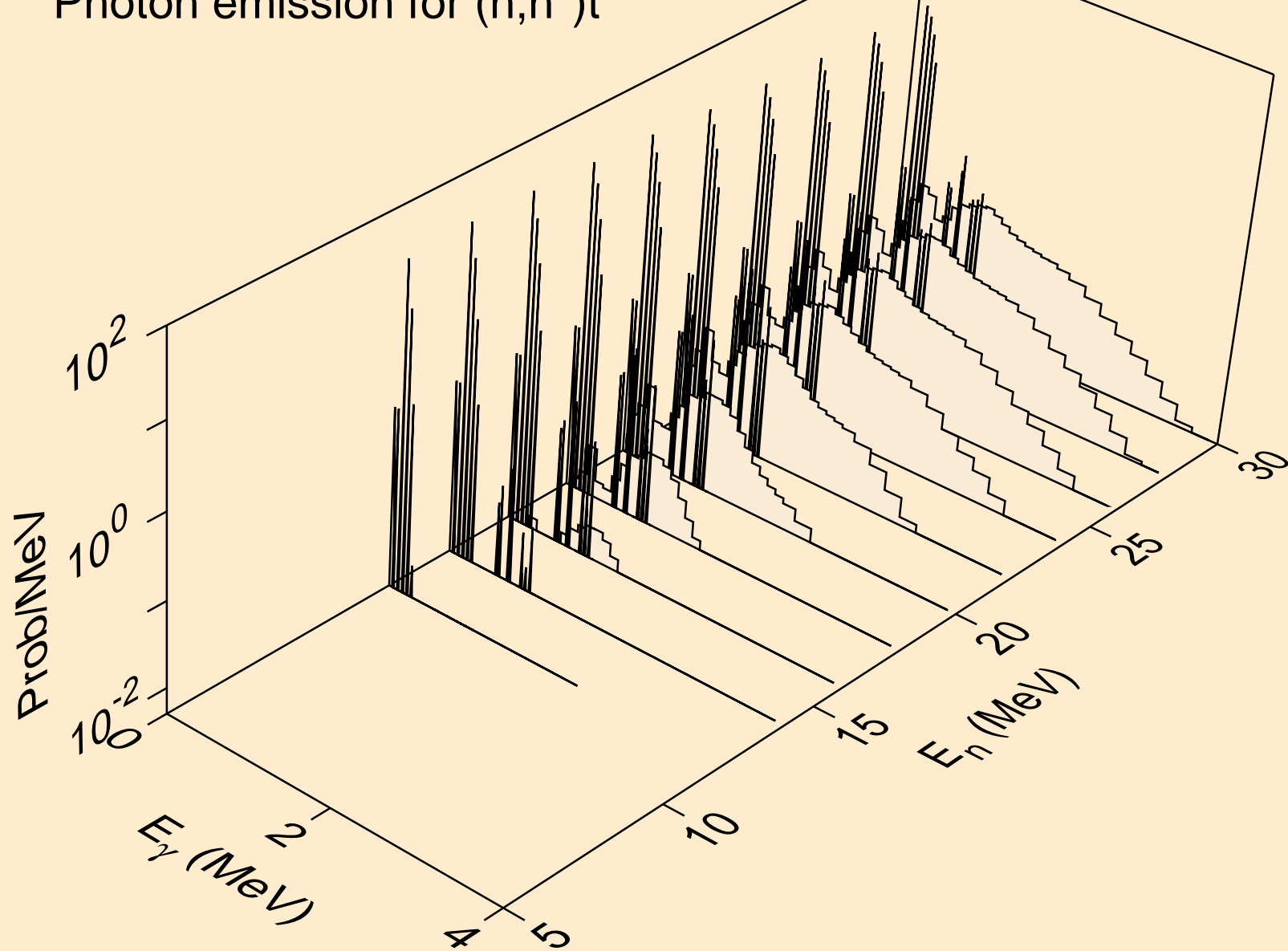
AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



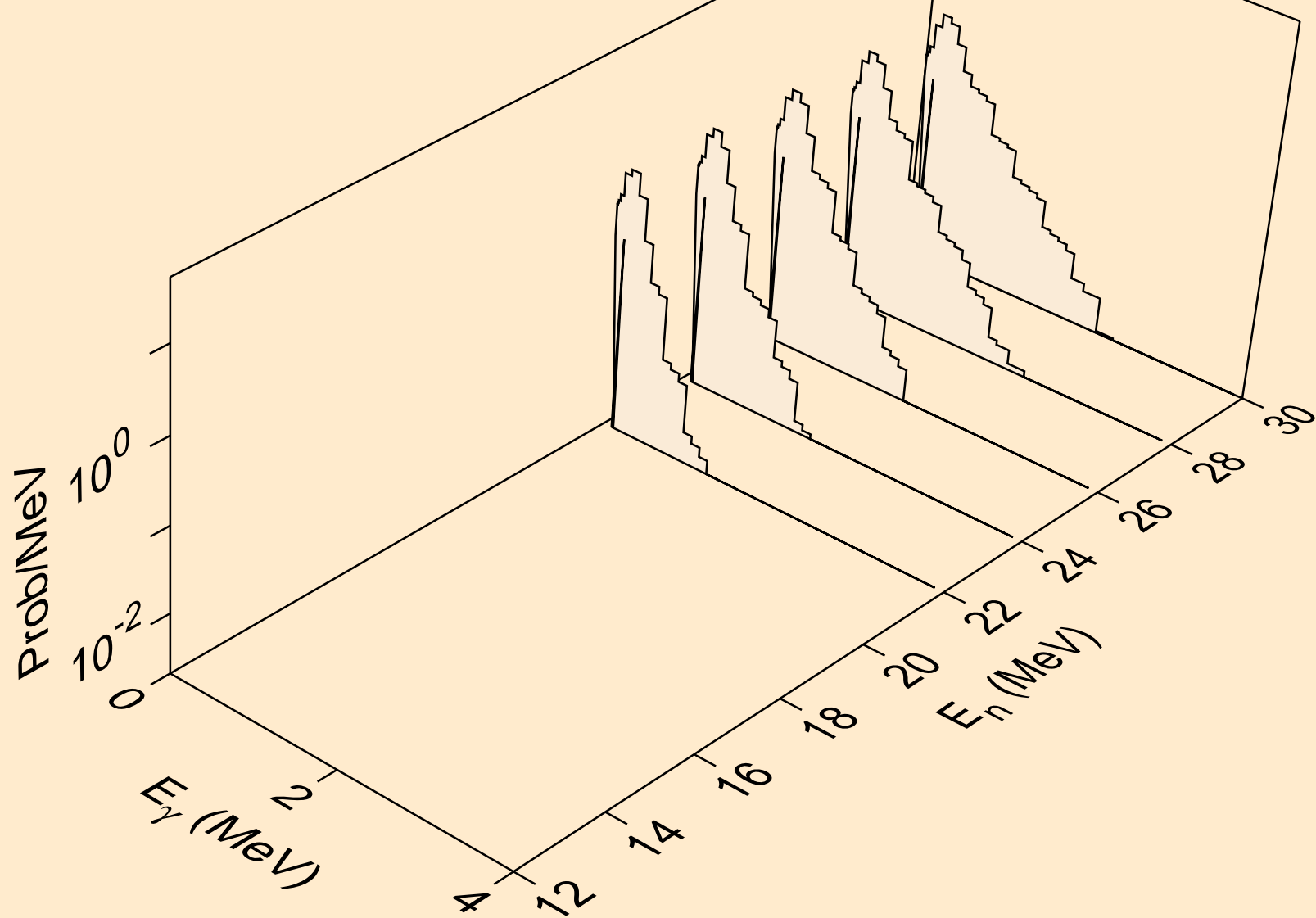
AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



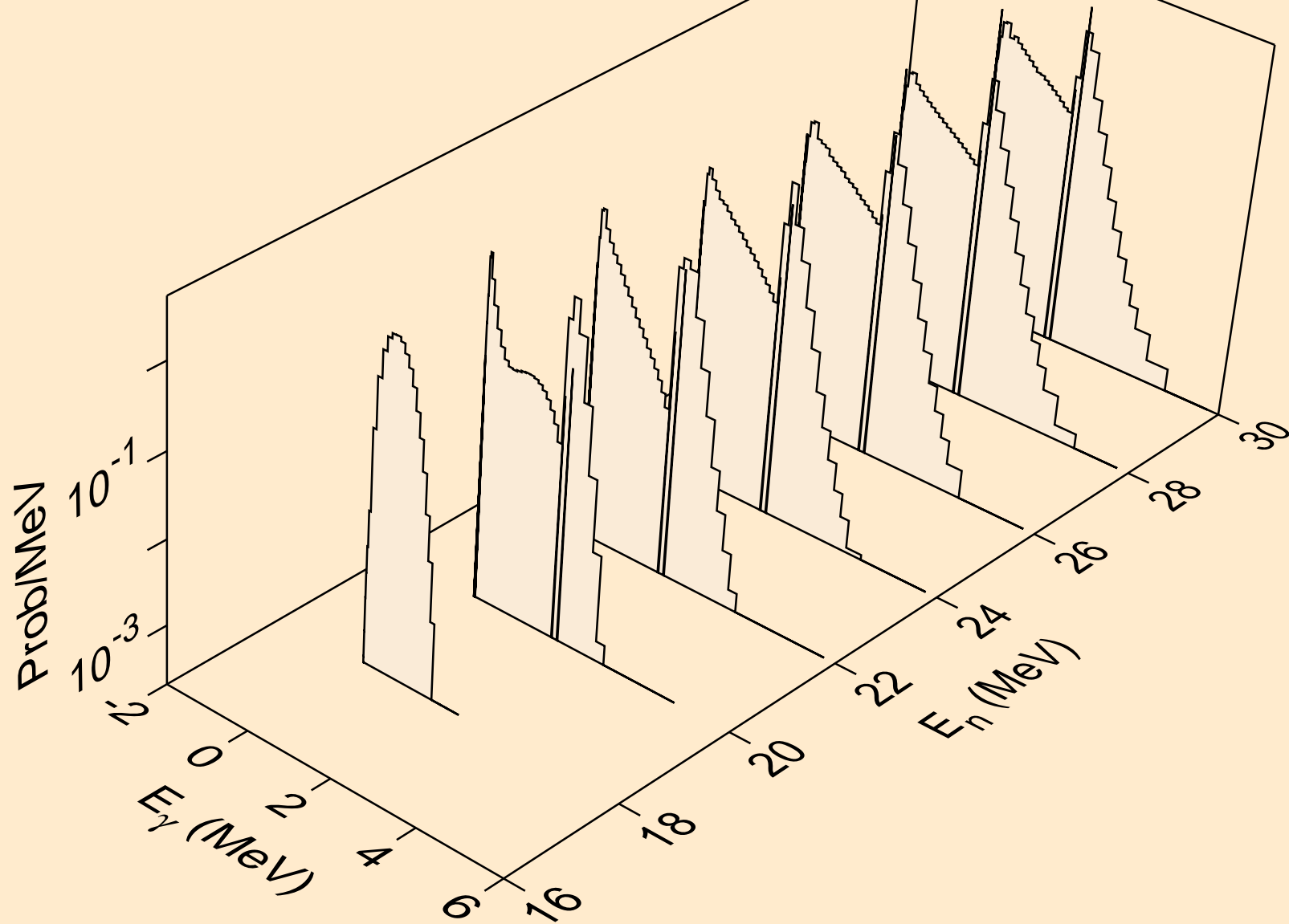
AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



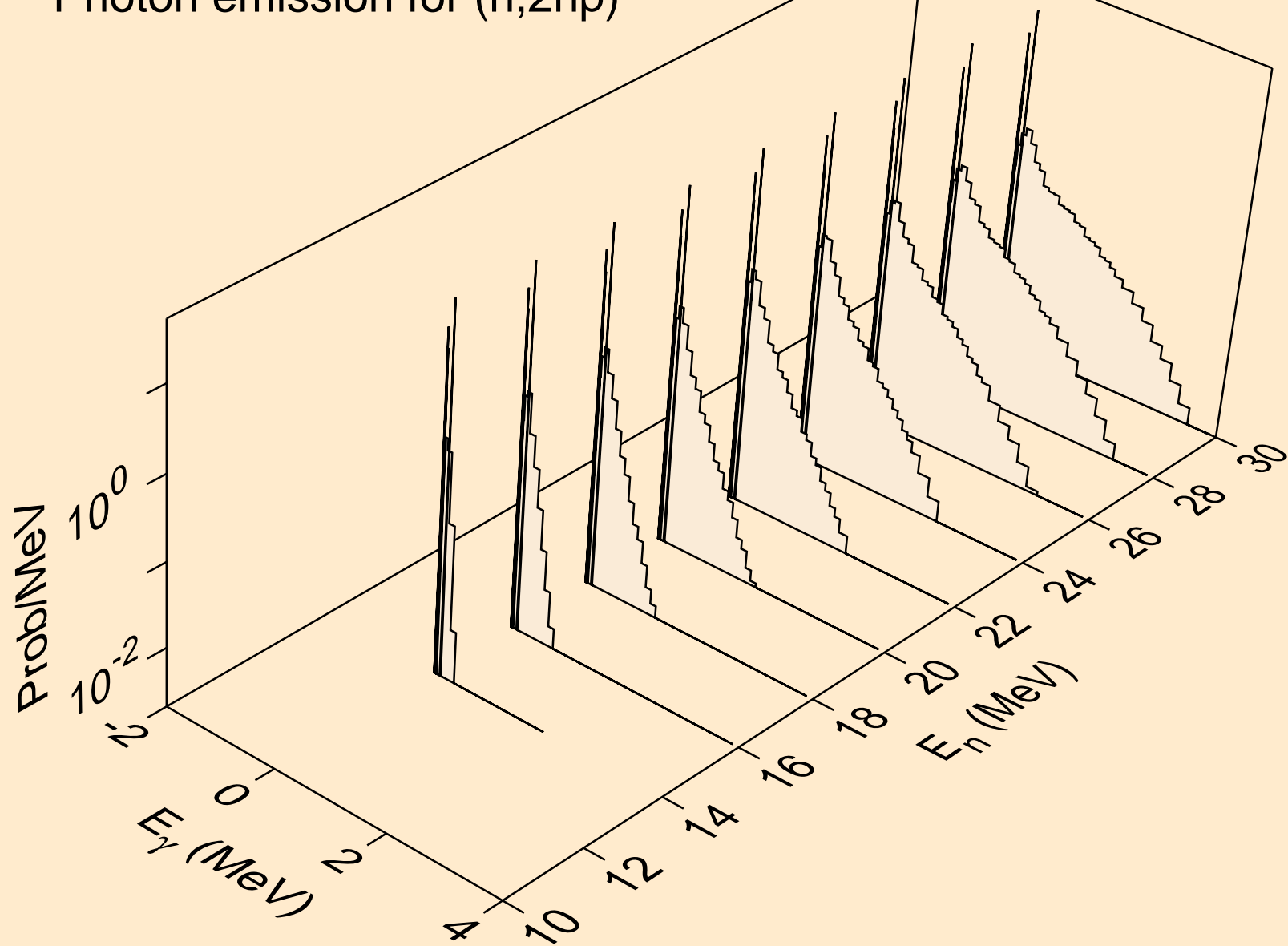
AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



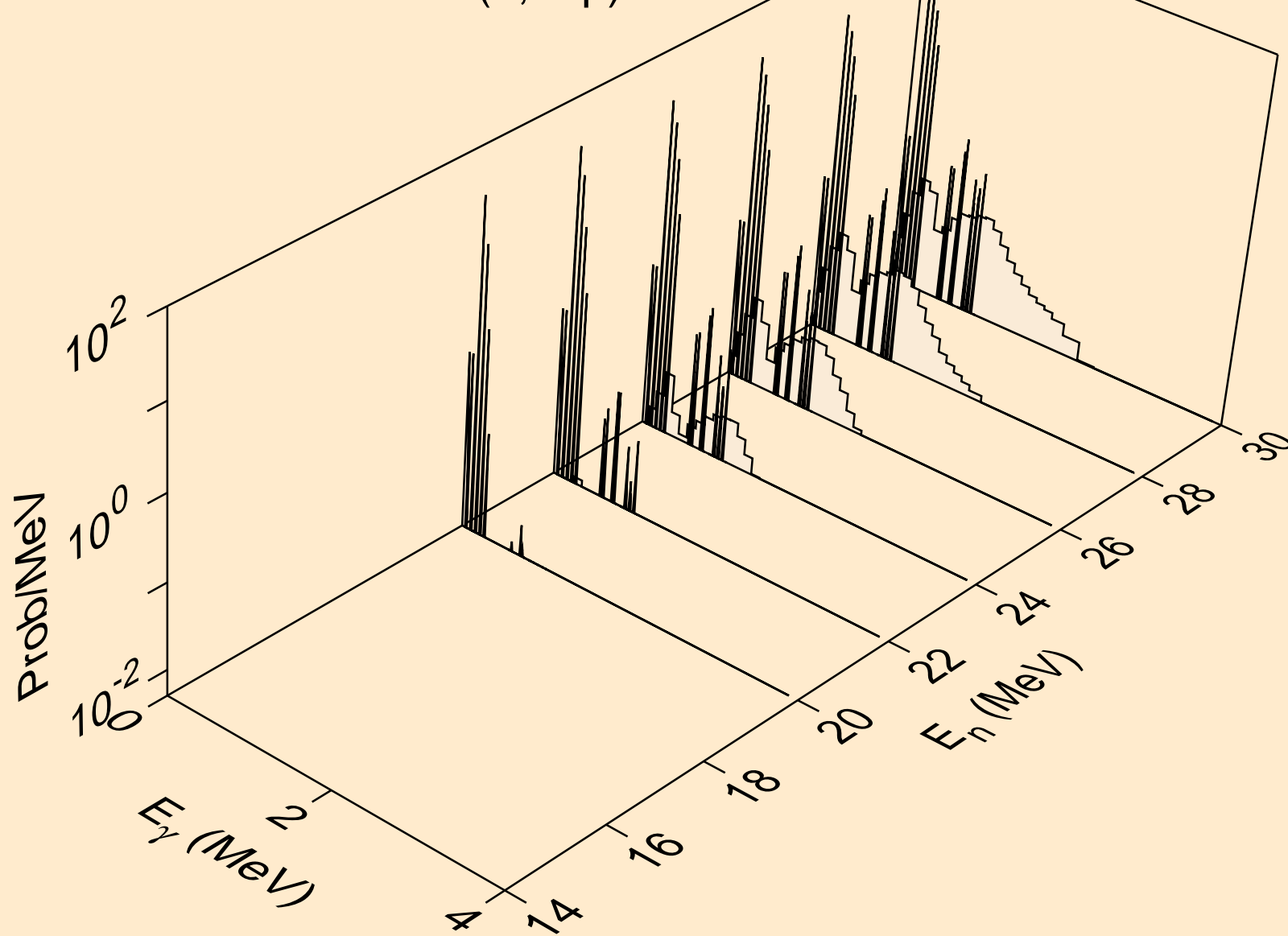
AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



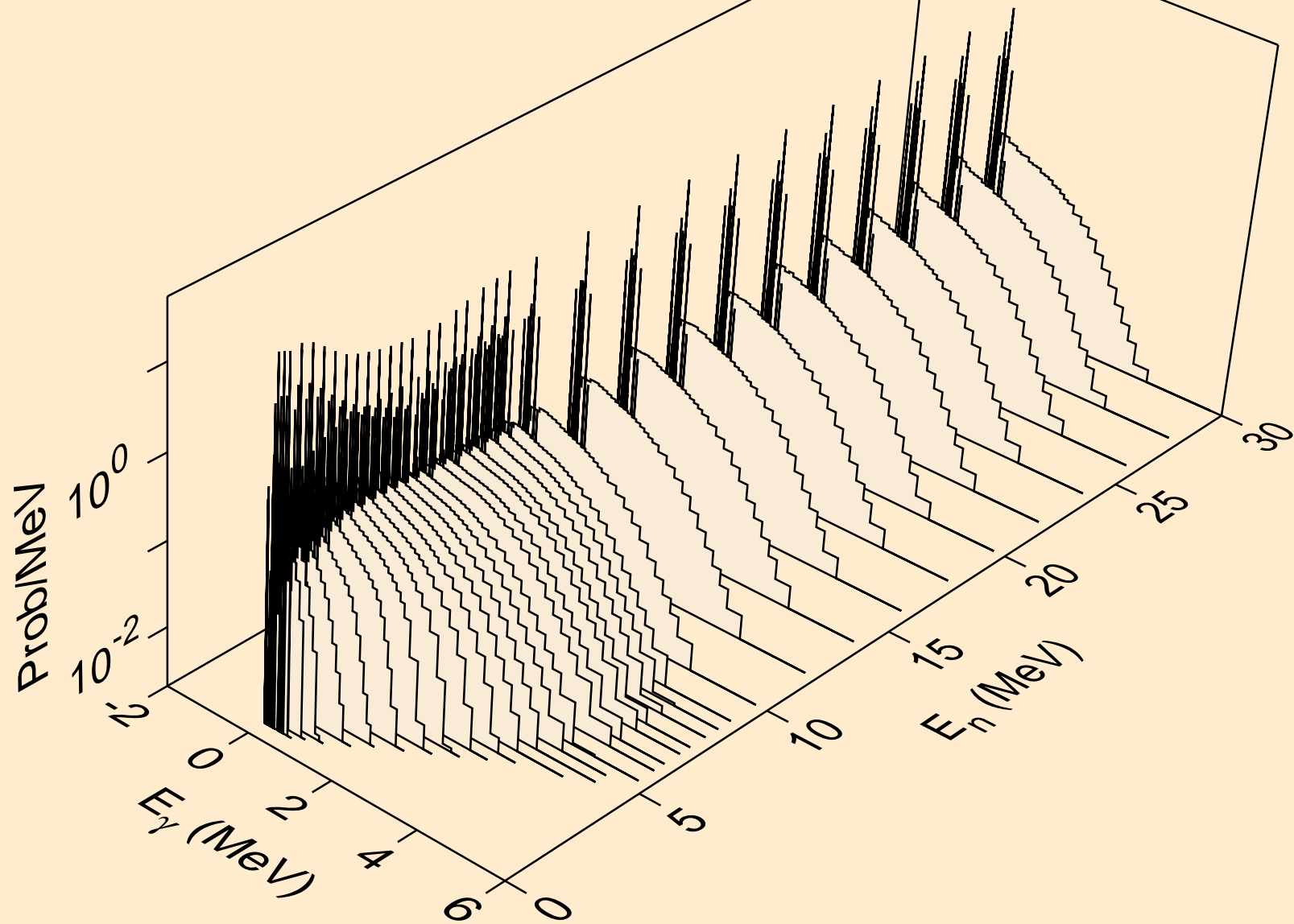
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Photon emission for (n,2np)



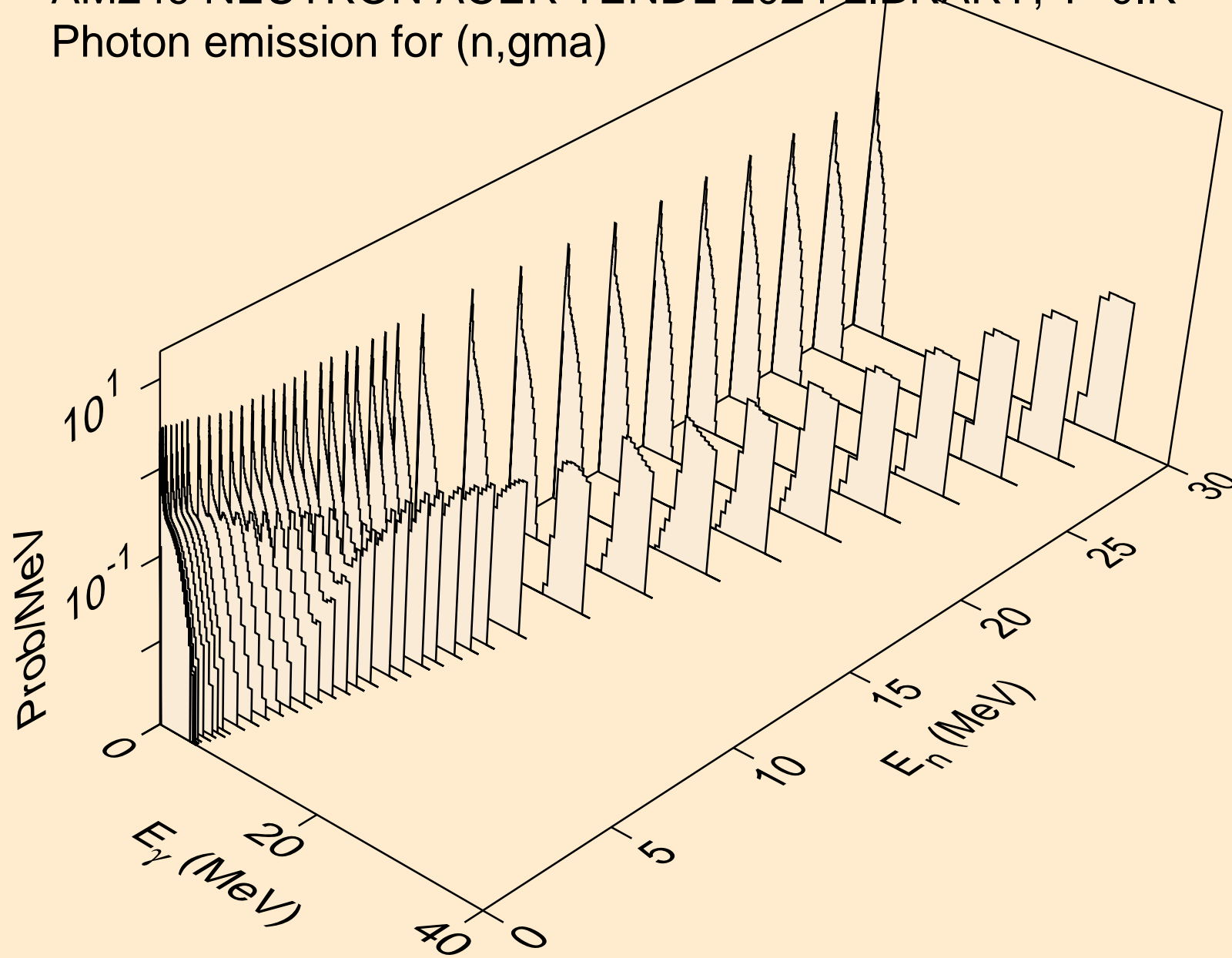
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Photon emission for (n,3np)



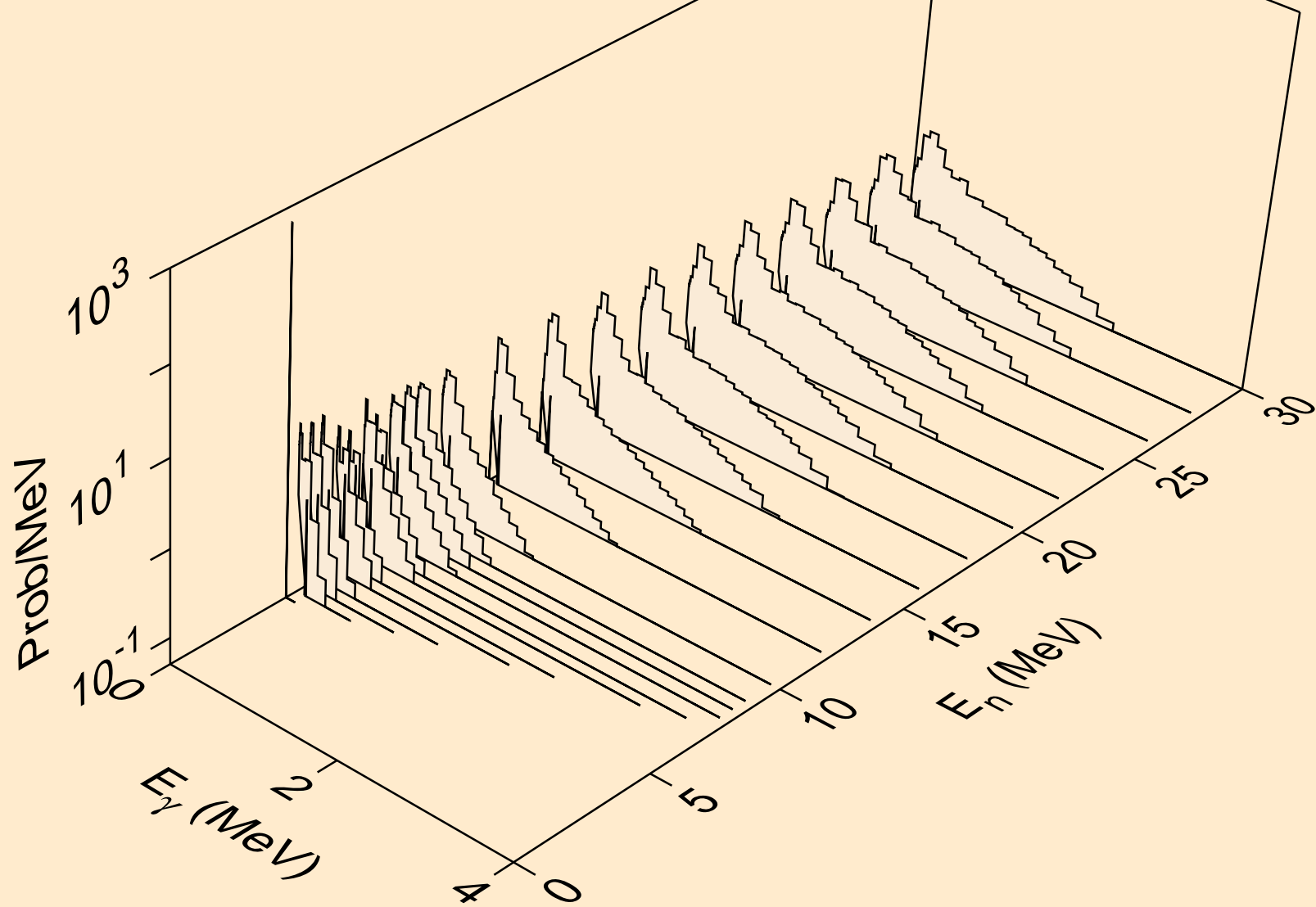
AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



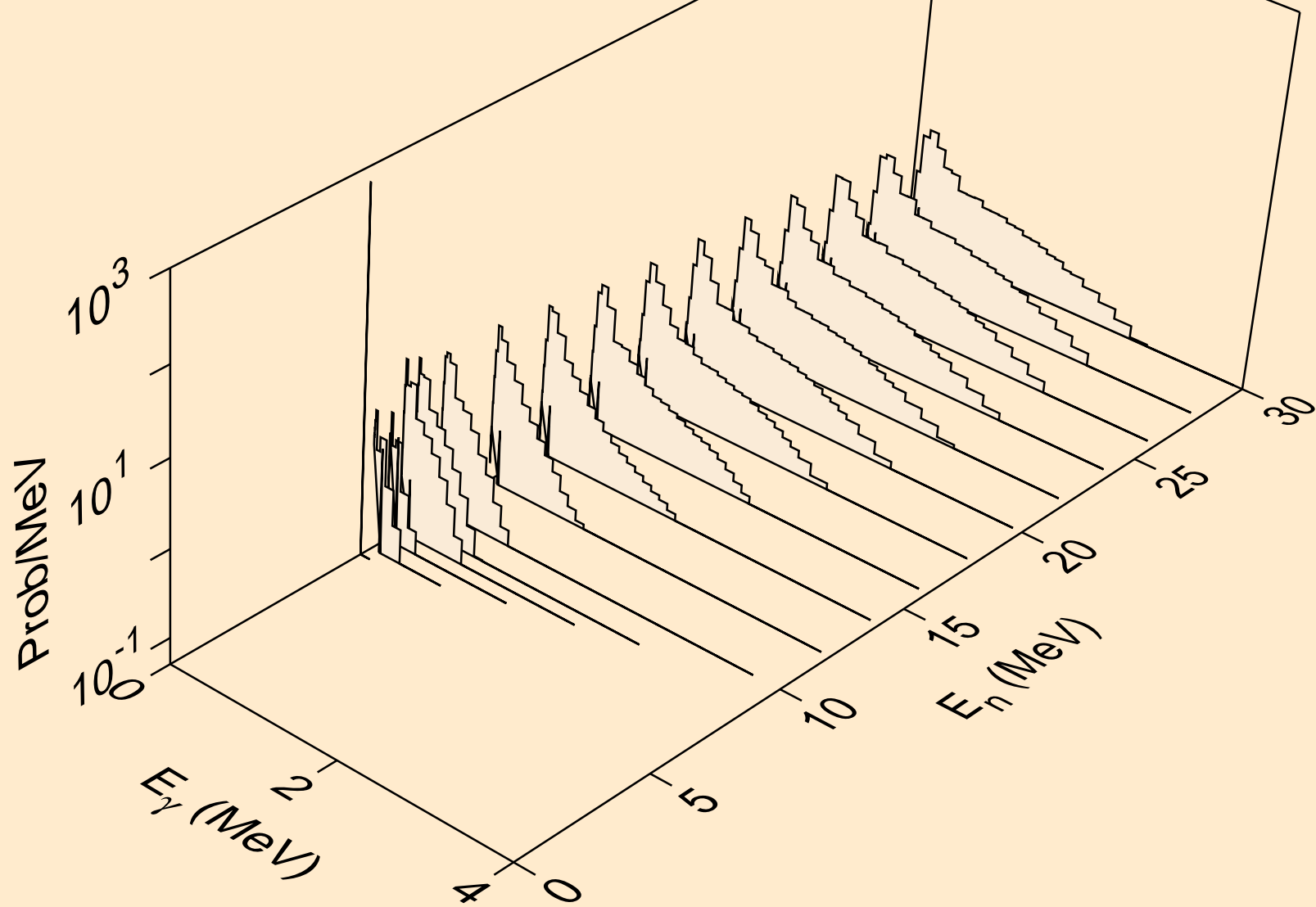
AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



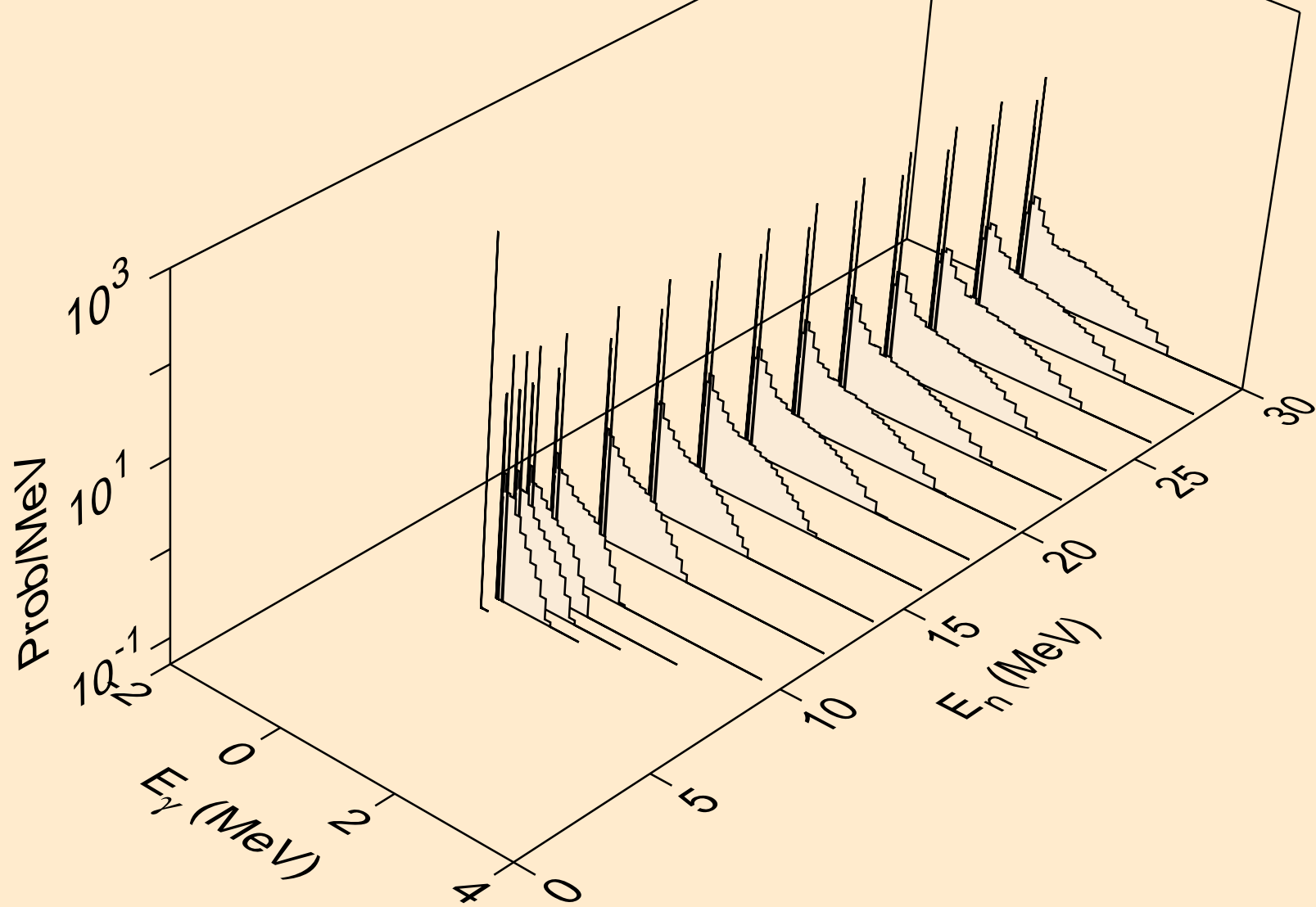
AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



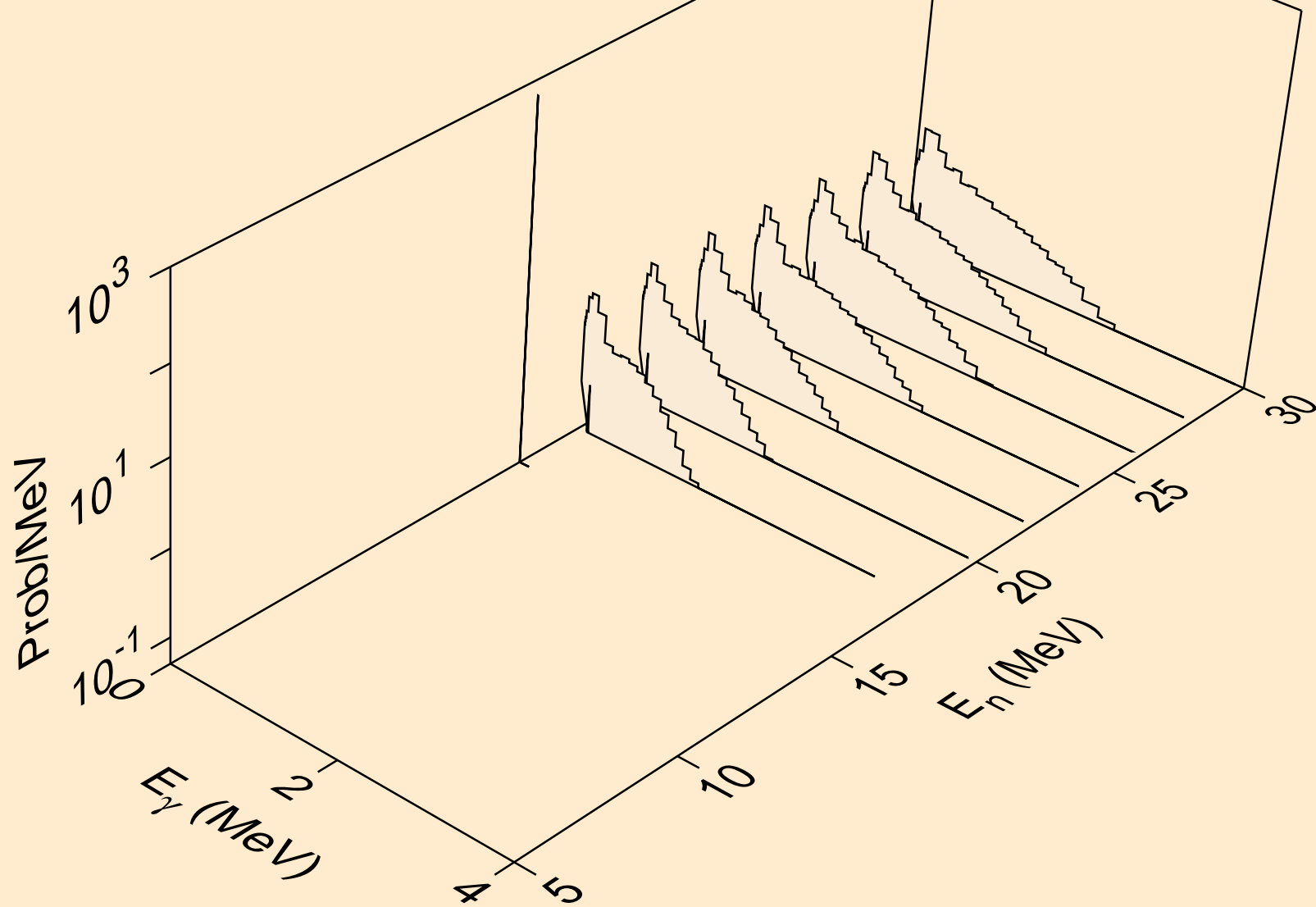
AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



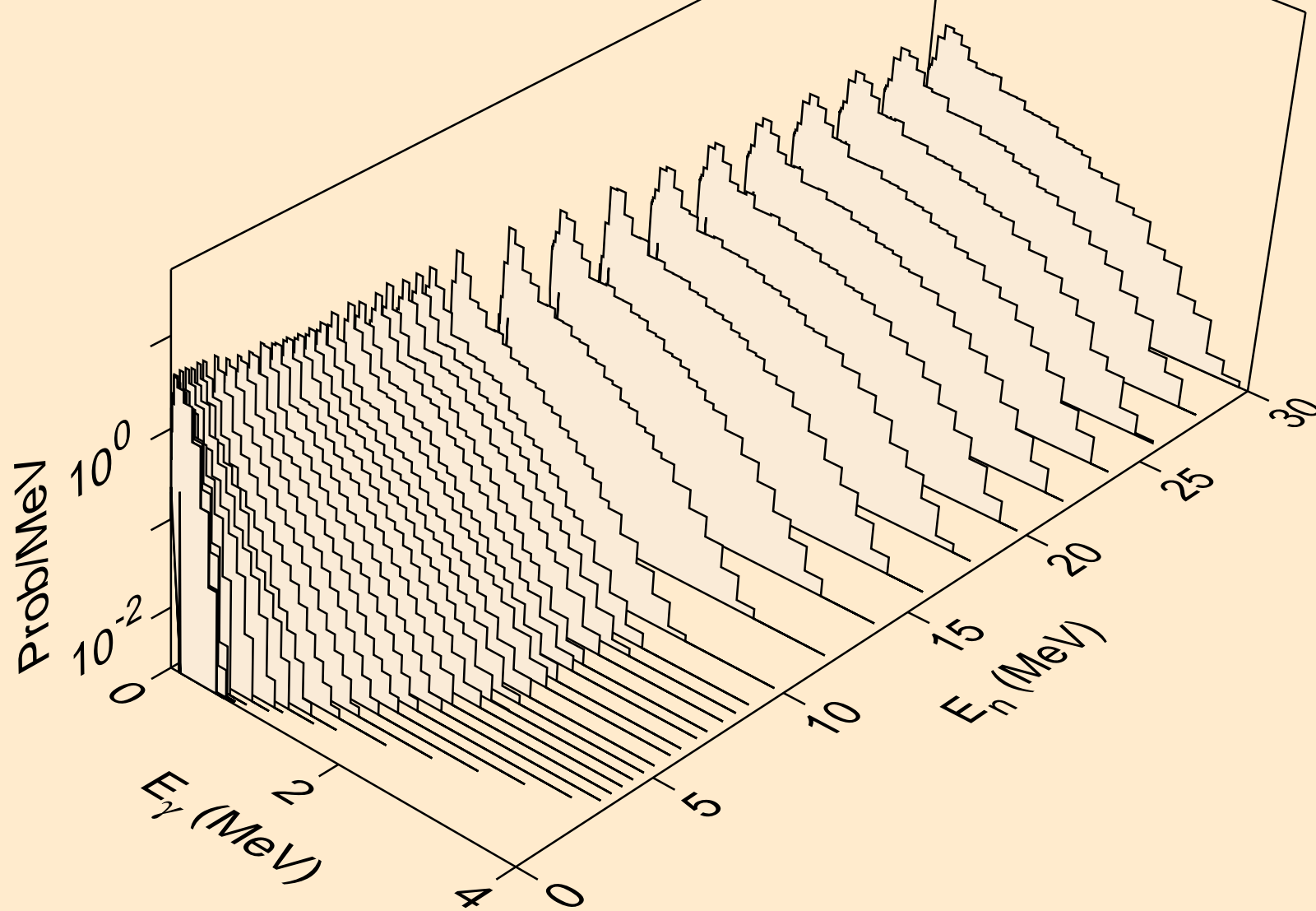
AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



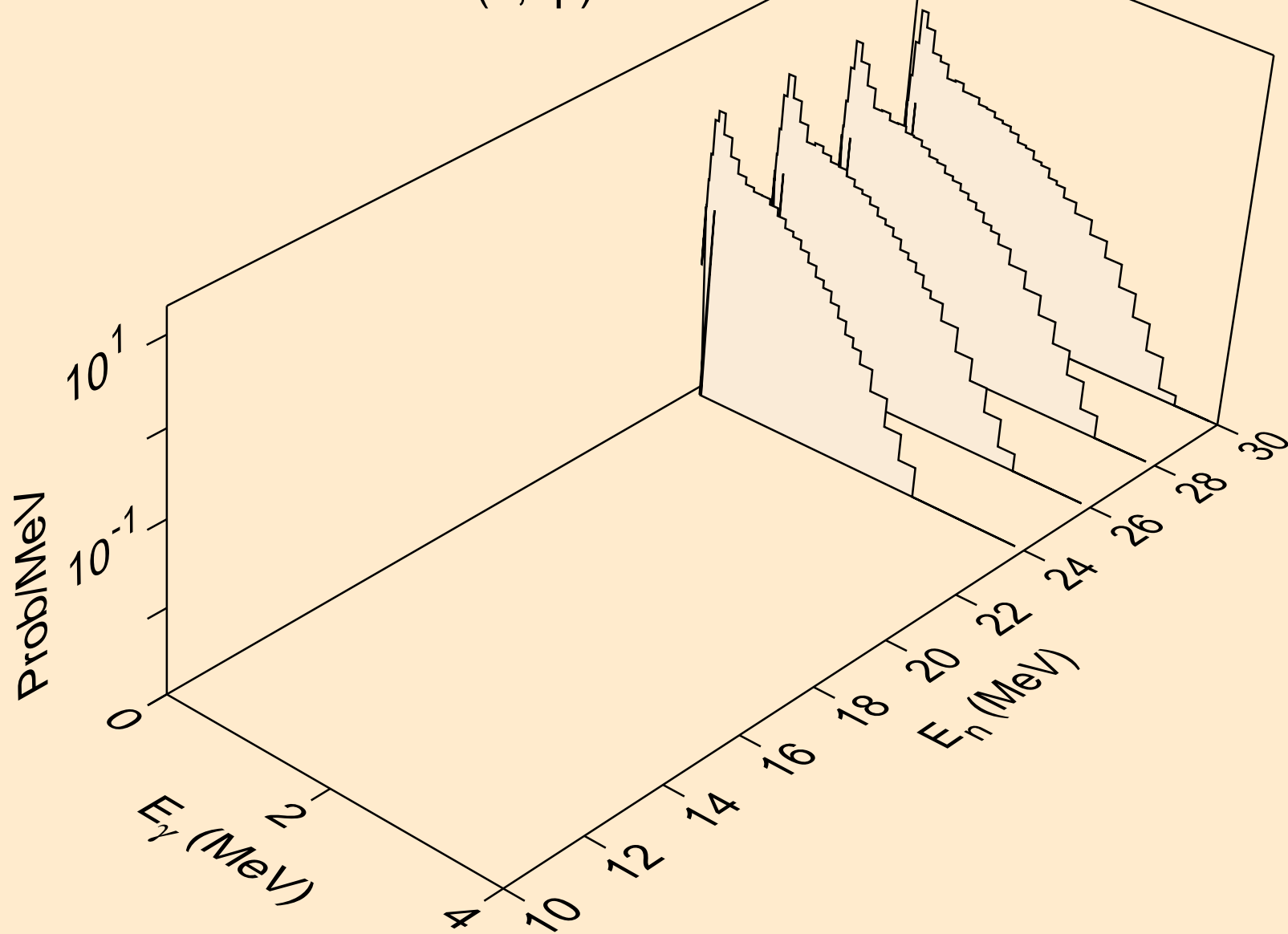
AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



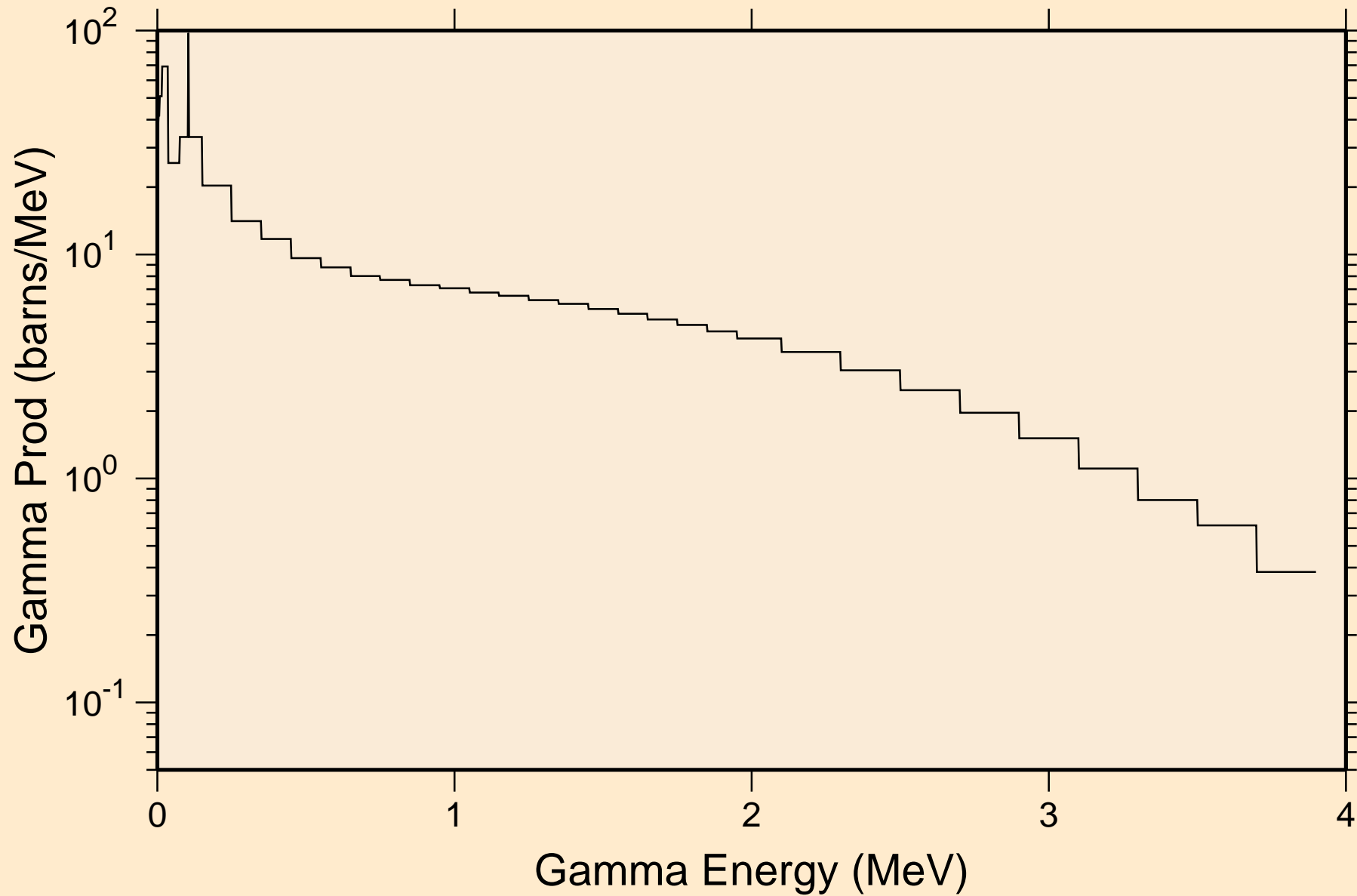
AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



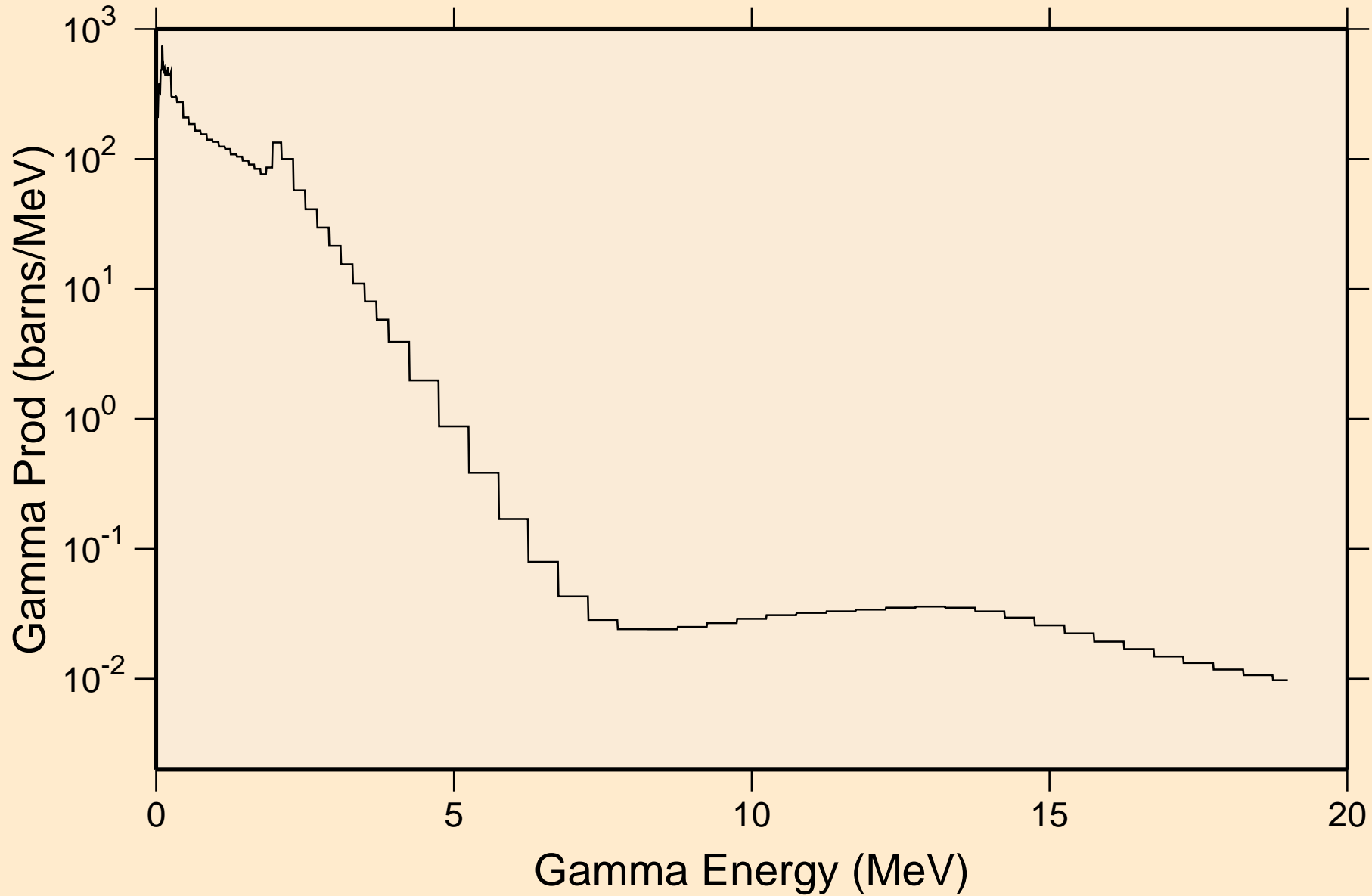
AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



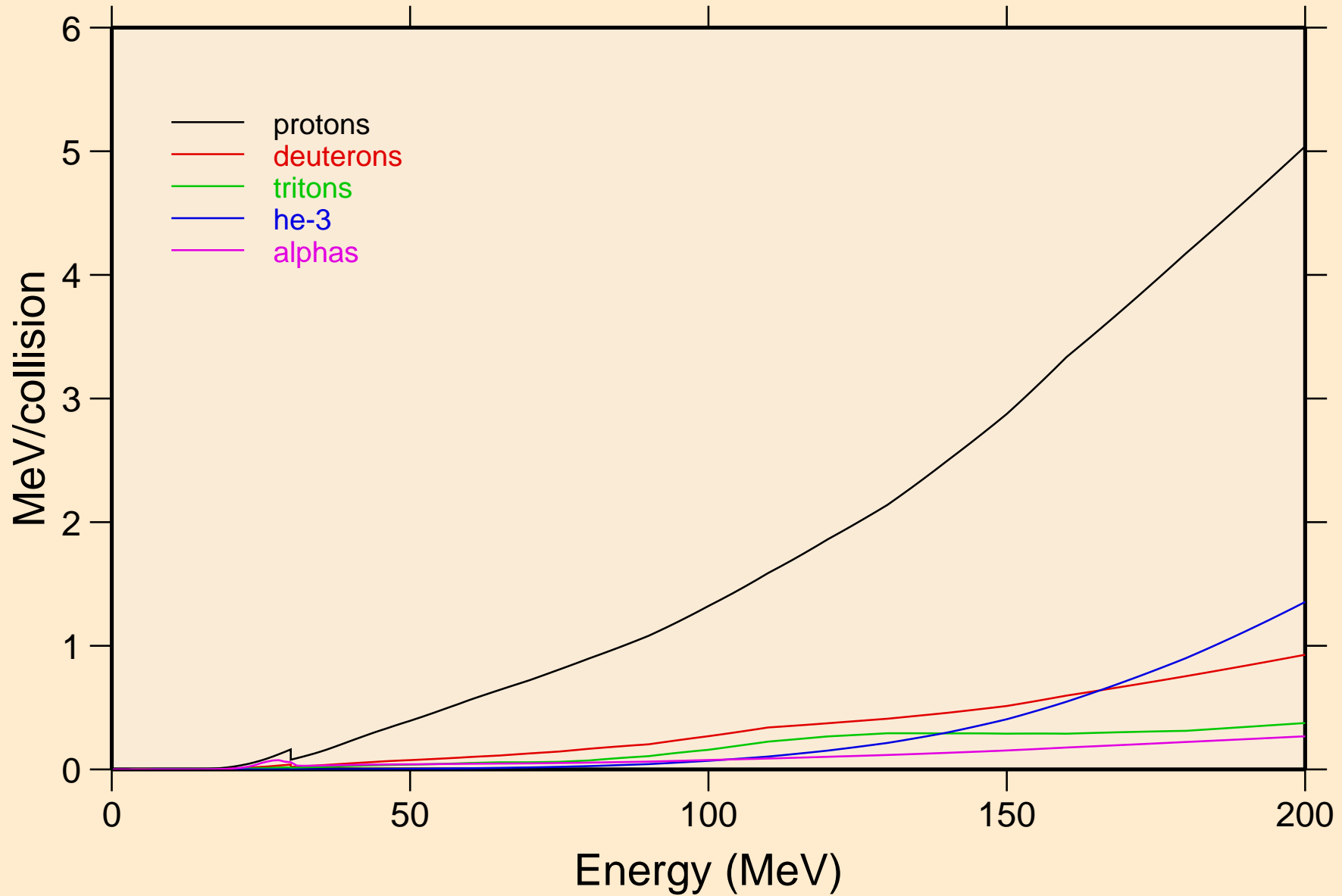
AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum



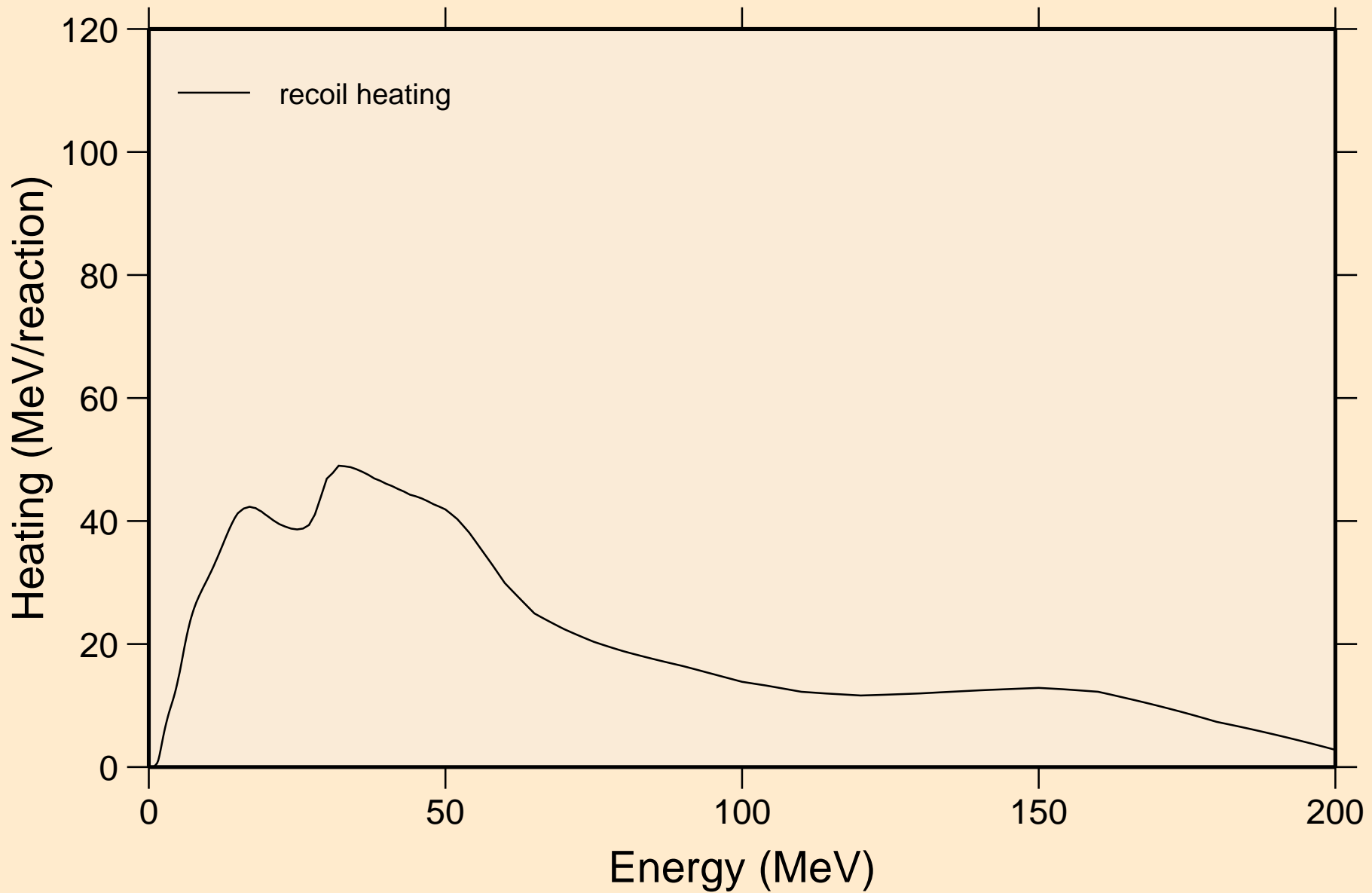
AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum



AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle heating contributions

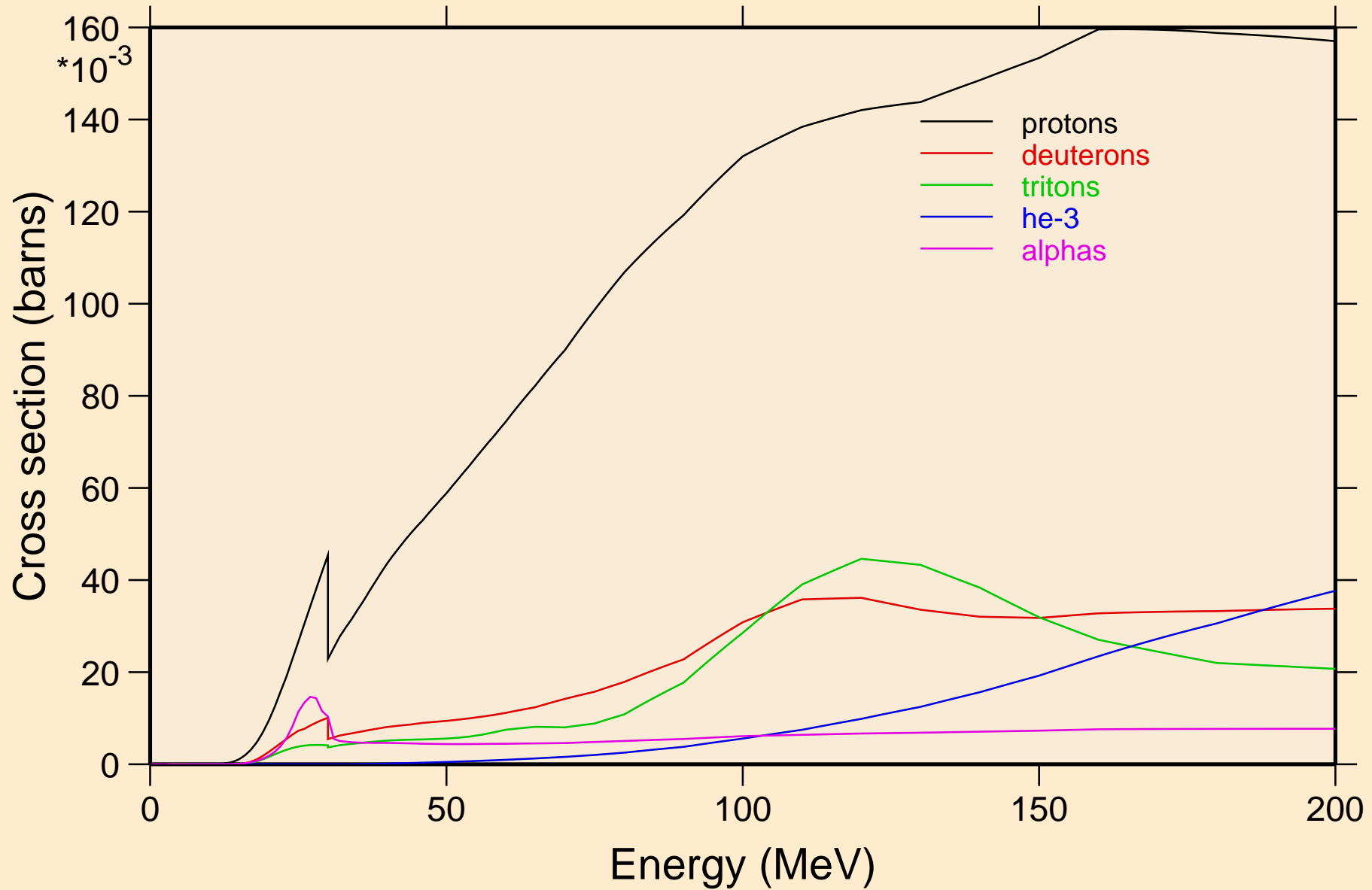


AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating

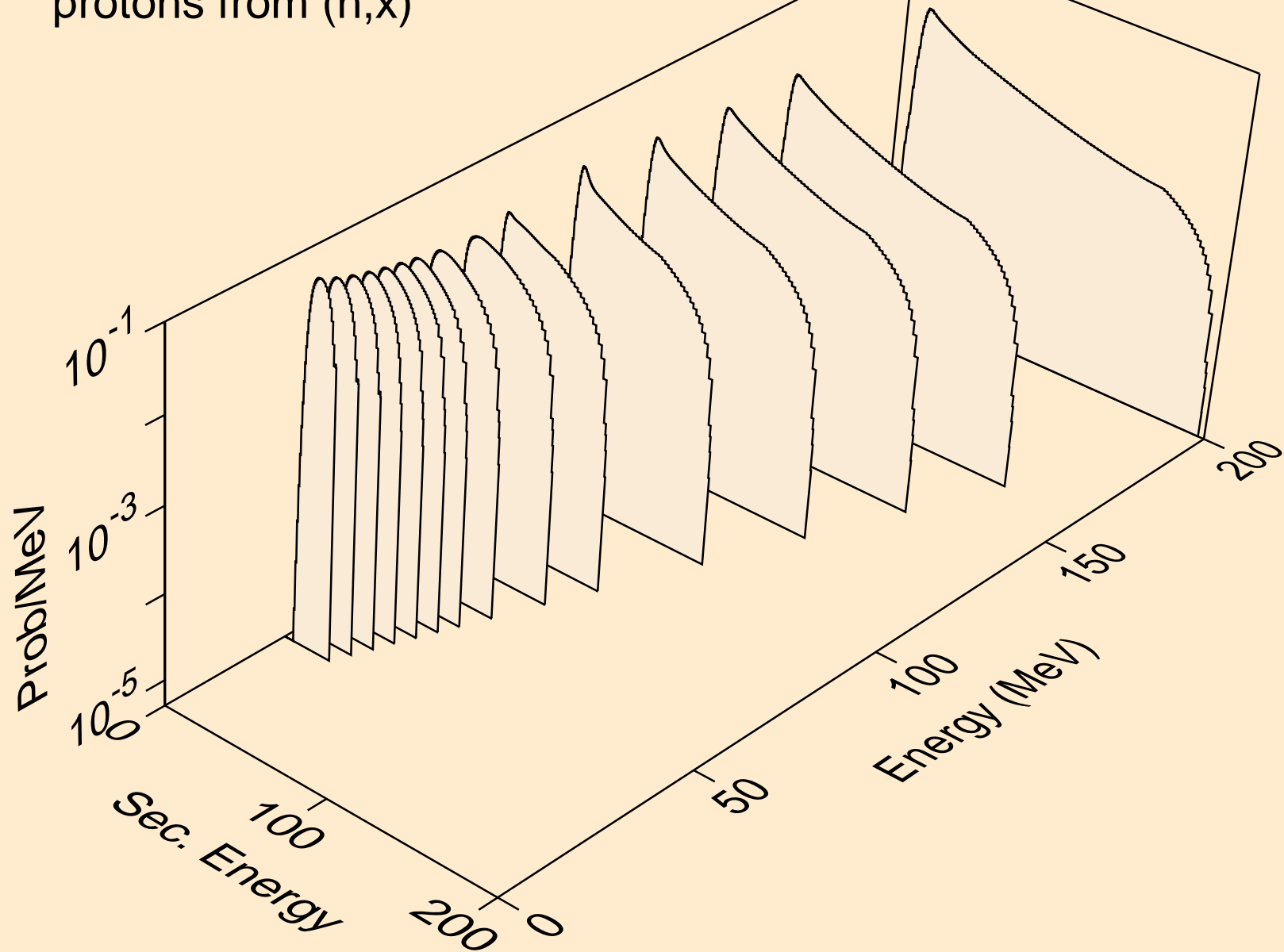


# AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

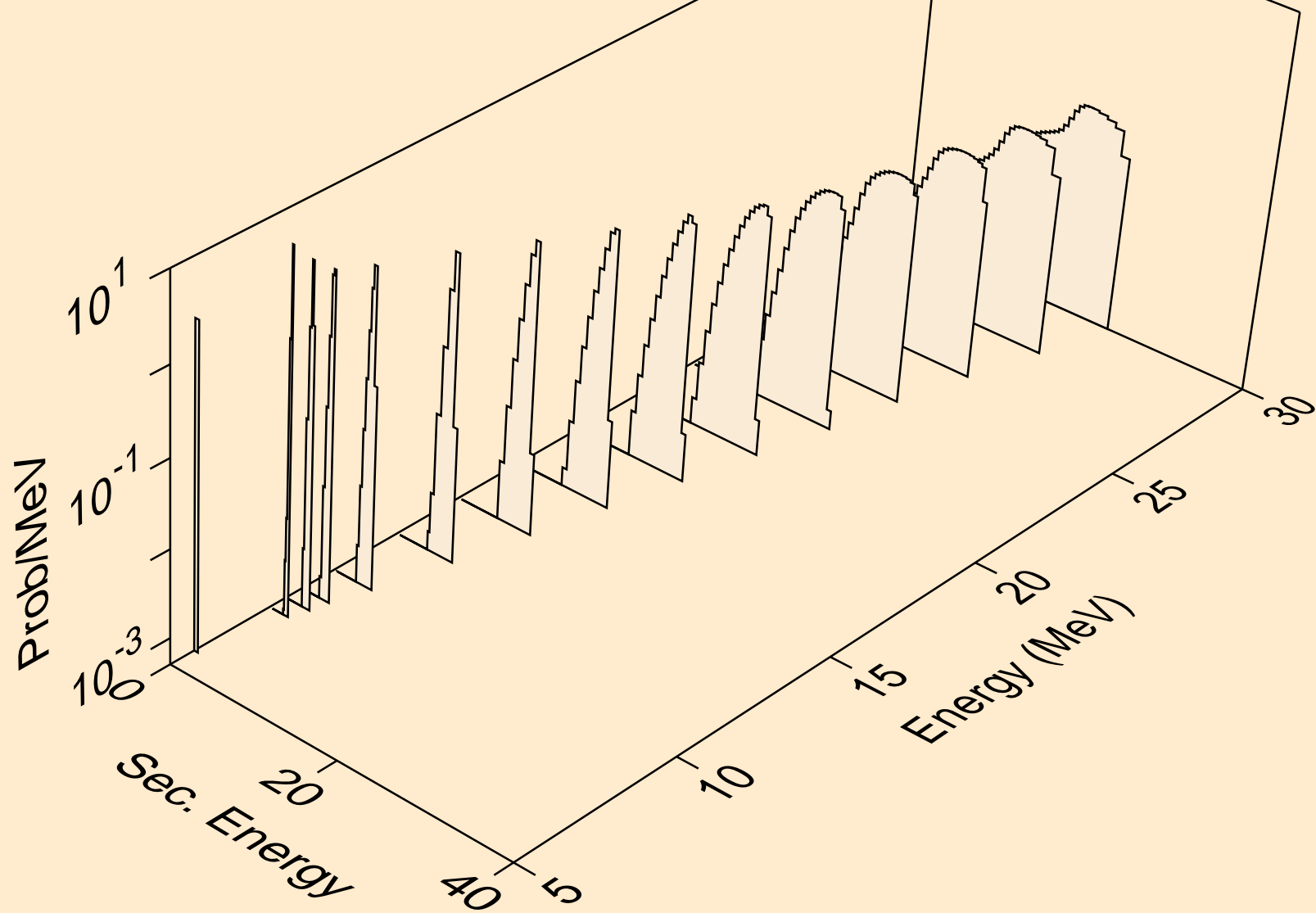
## Particle production cross sections



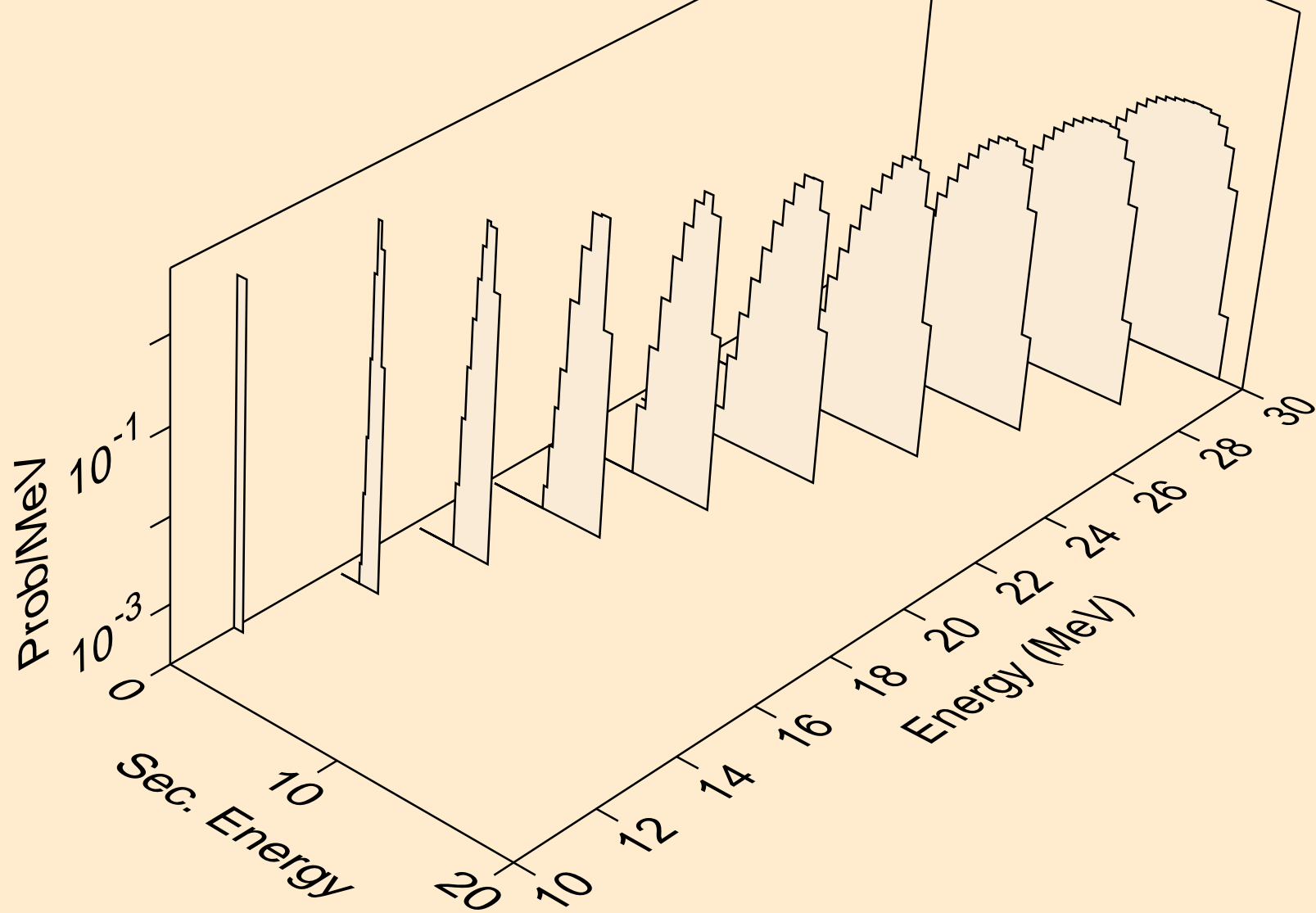
AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



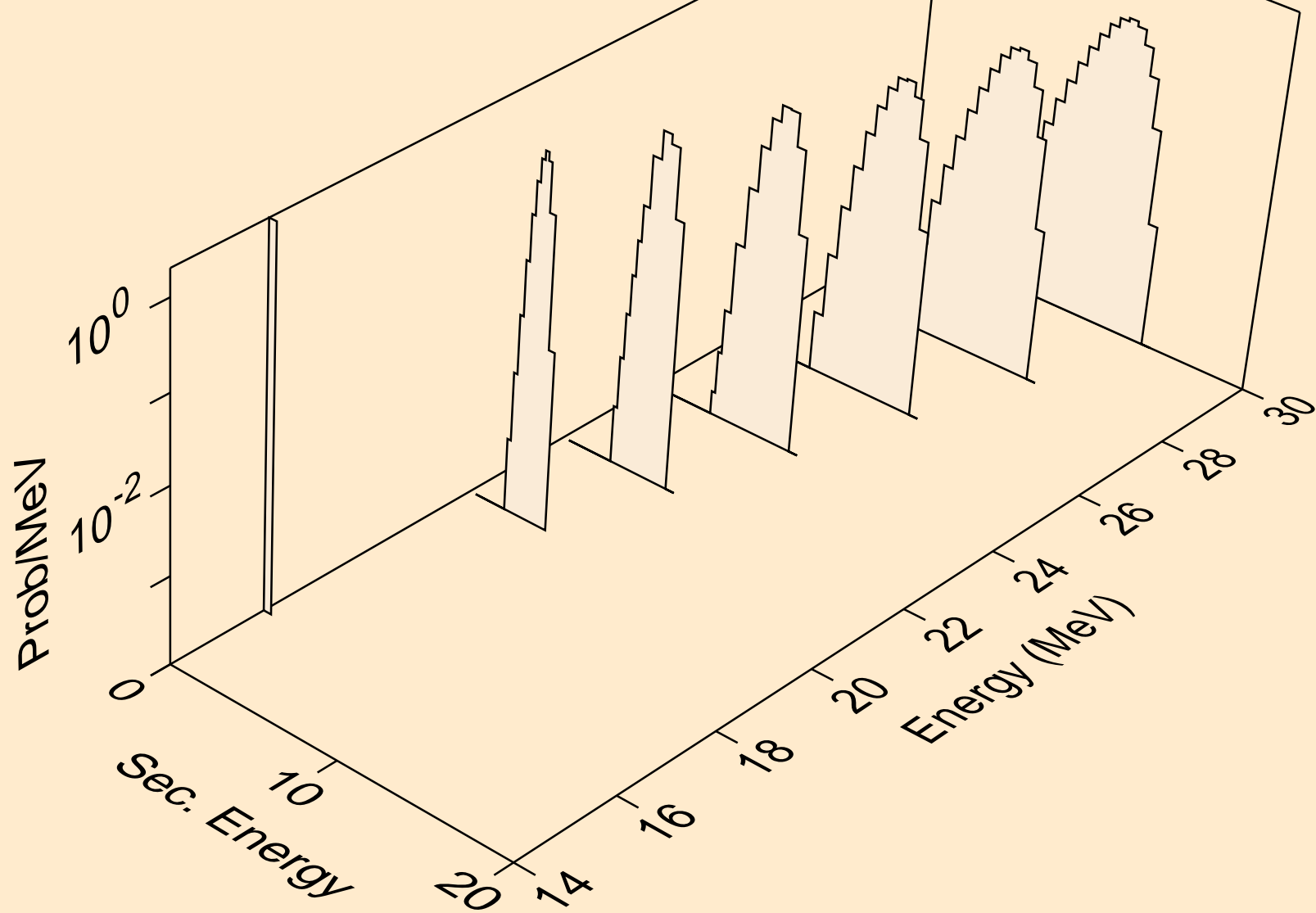
AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



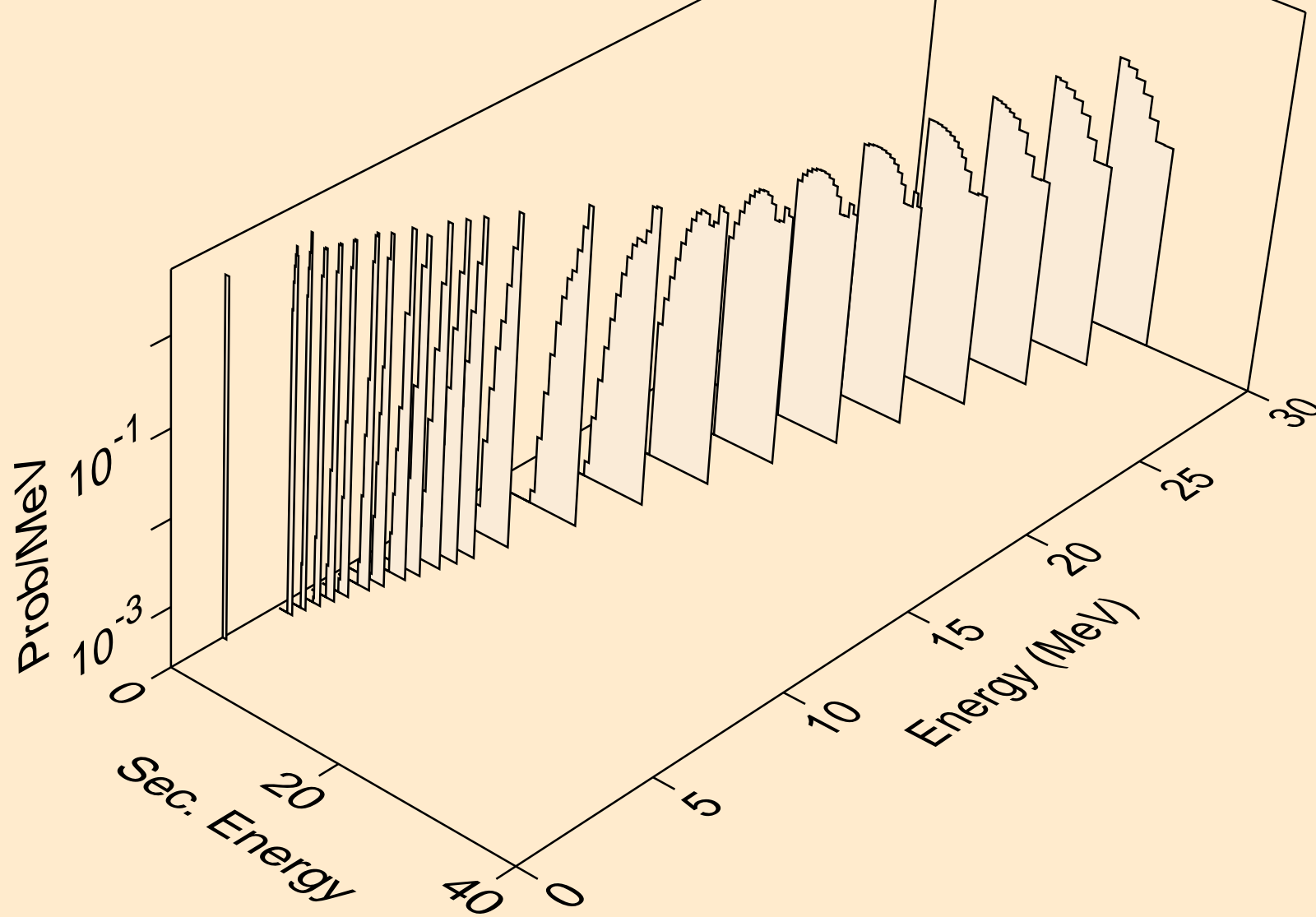
AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)



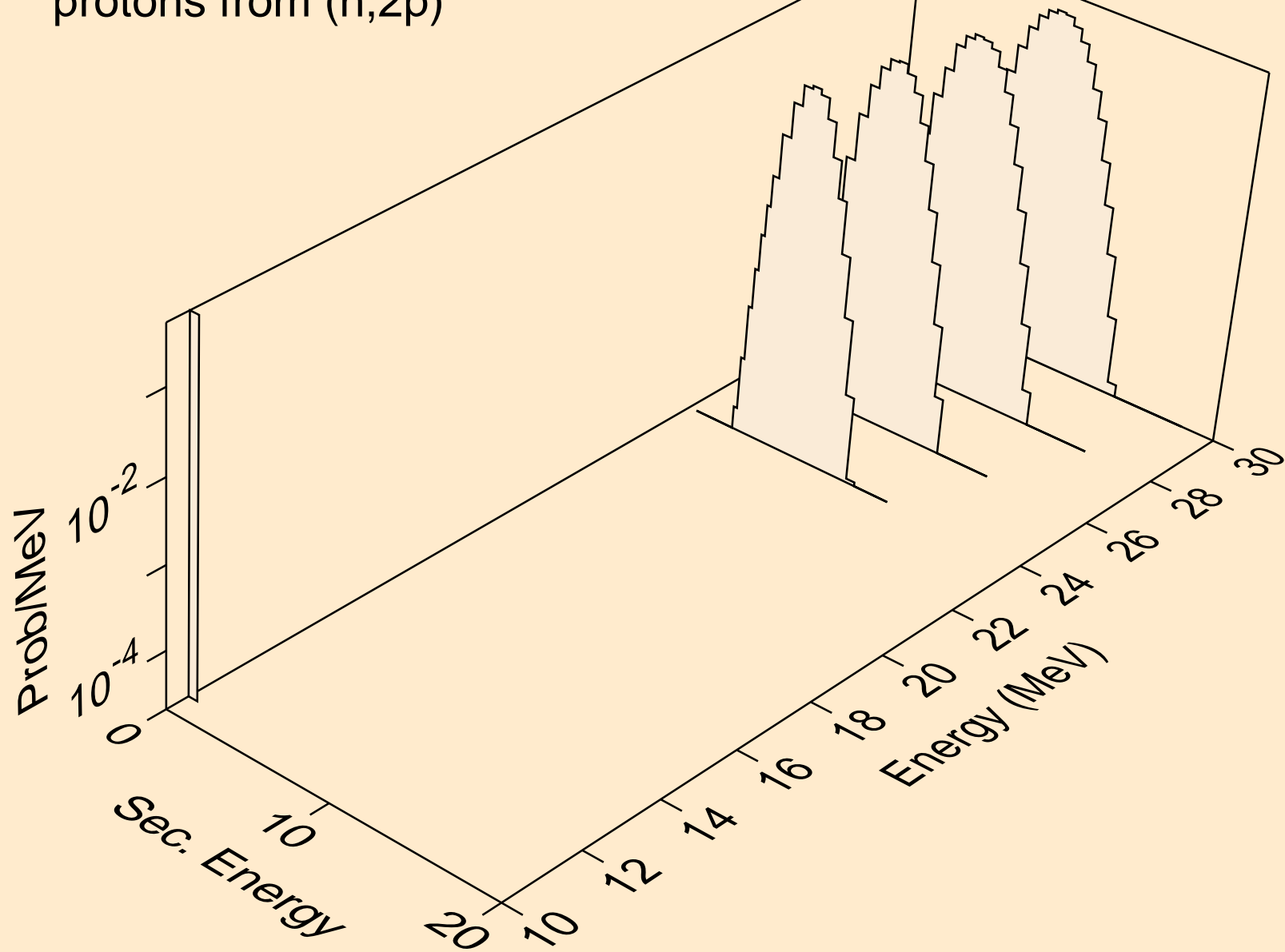
AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)



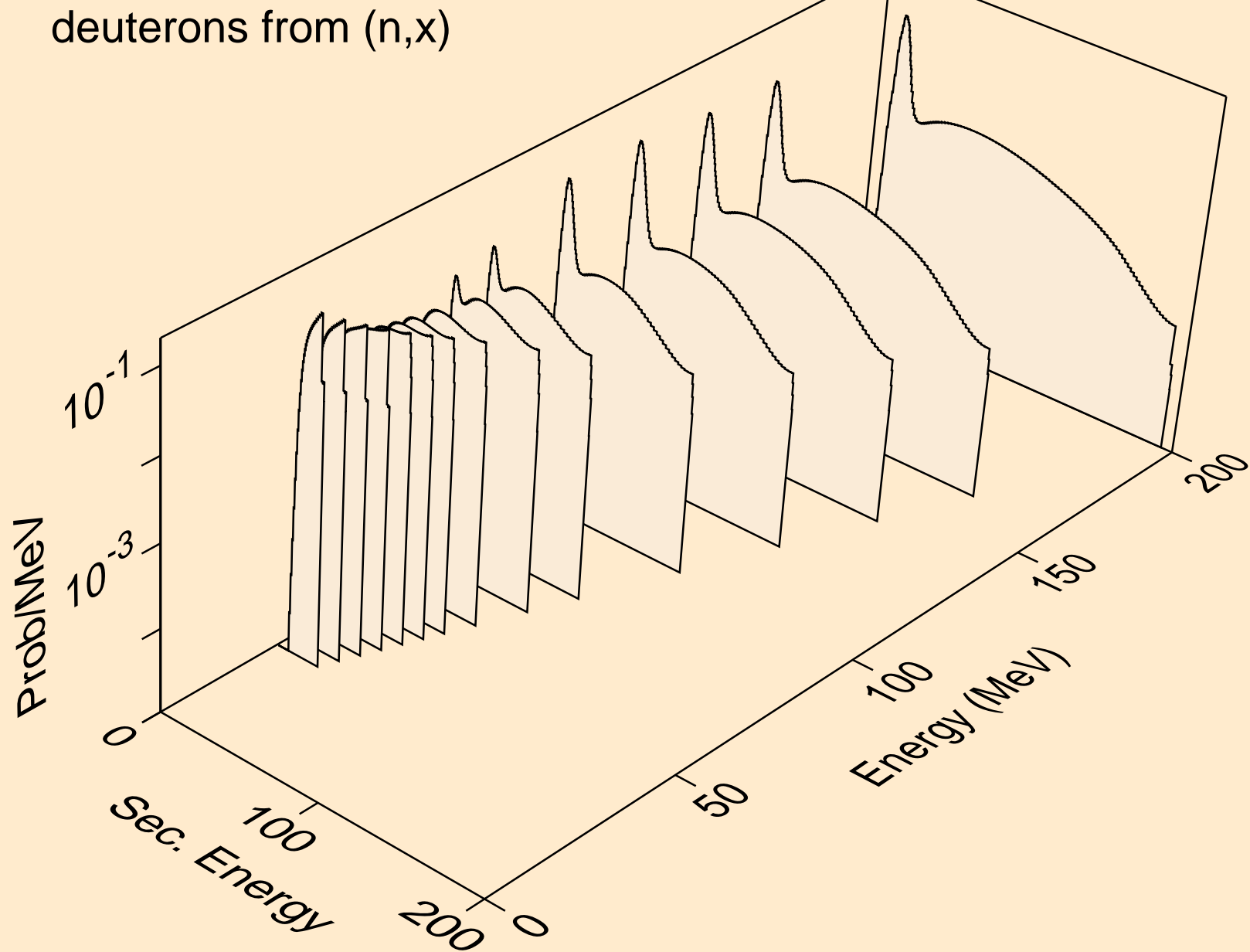
AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)



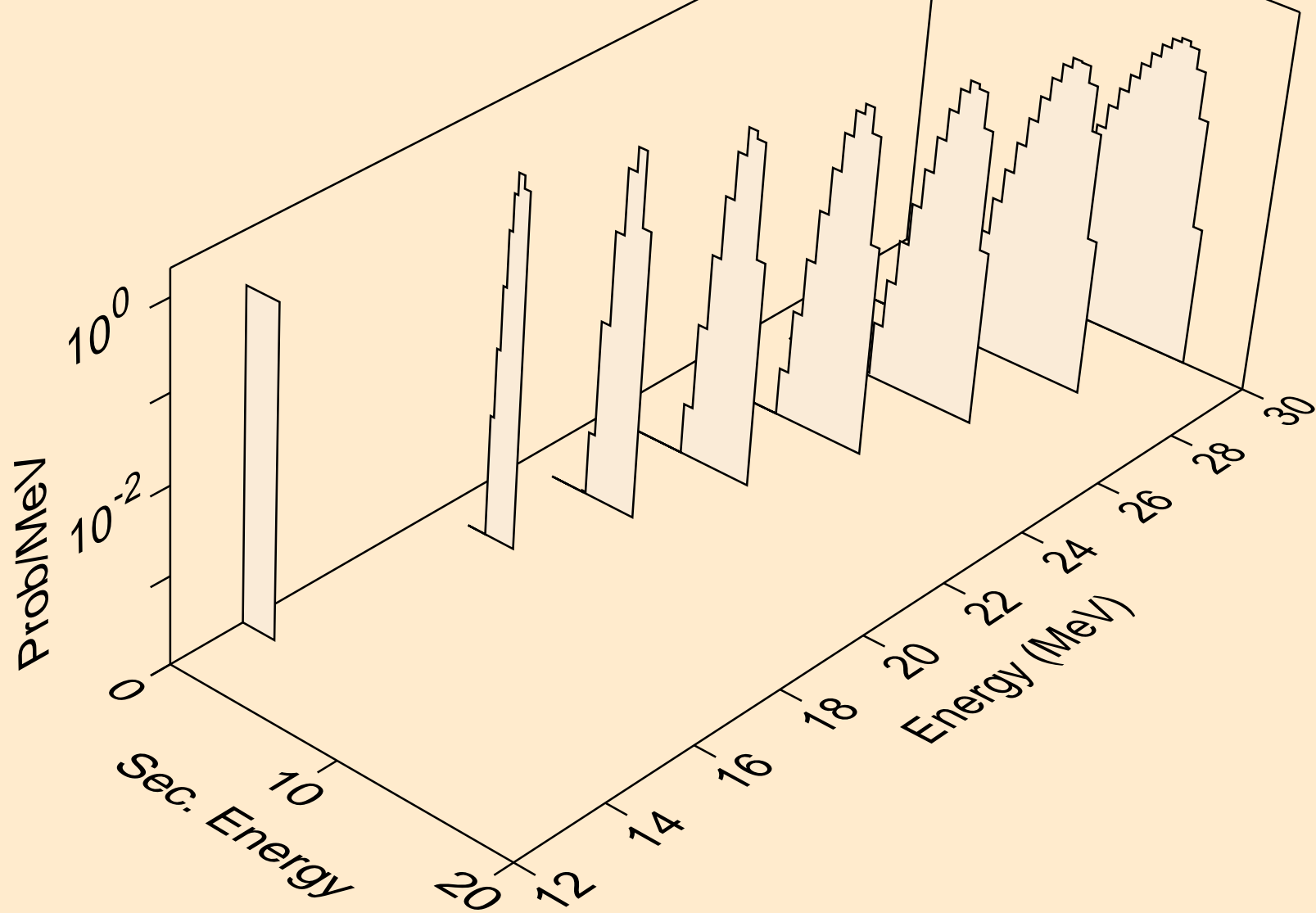
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protons from (n,2p)



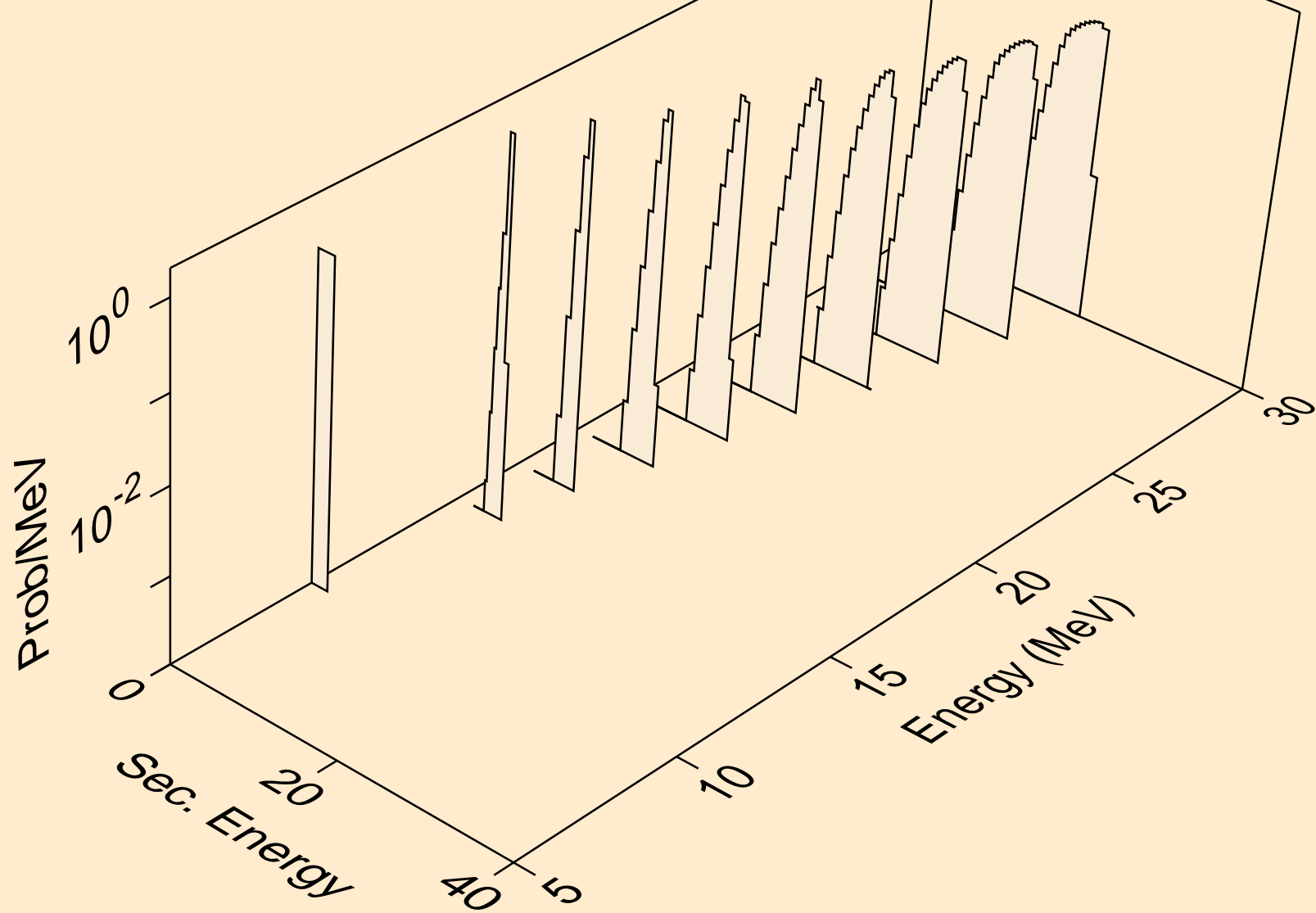
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deuterons from (n,x)



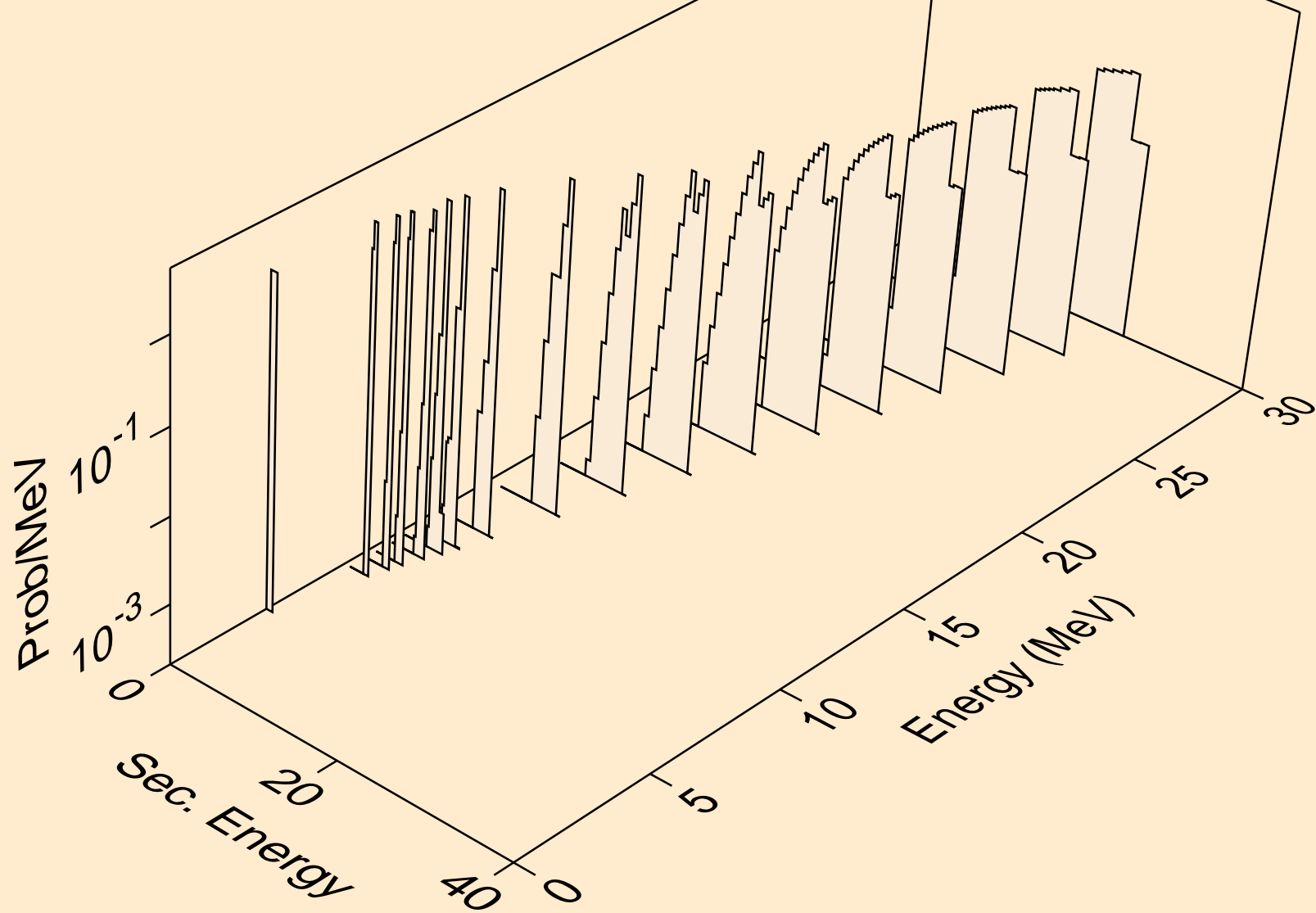
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deuterons from (n,2nd)



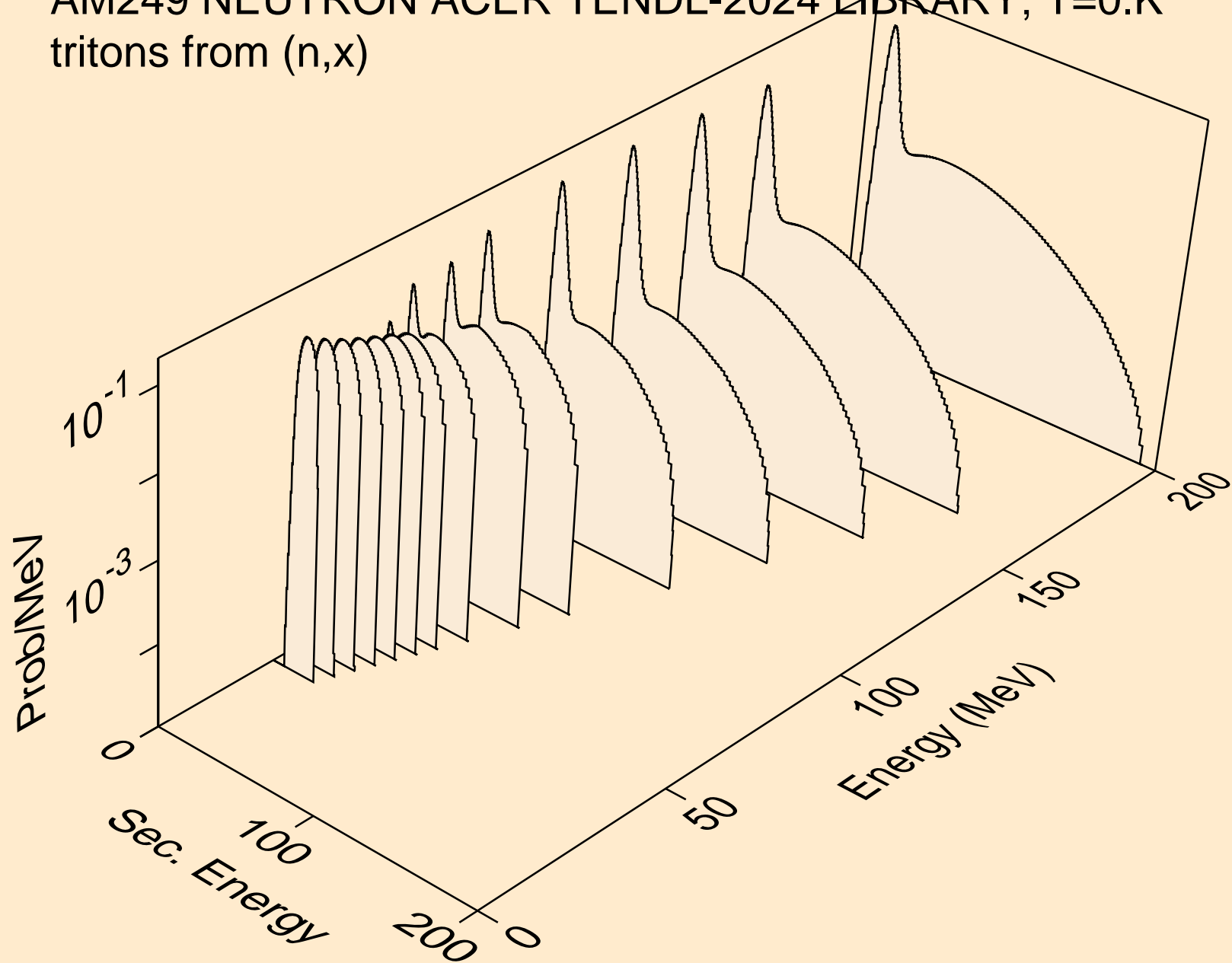
AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d



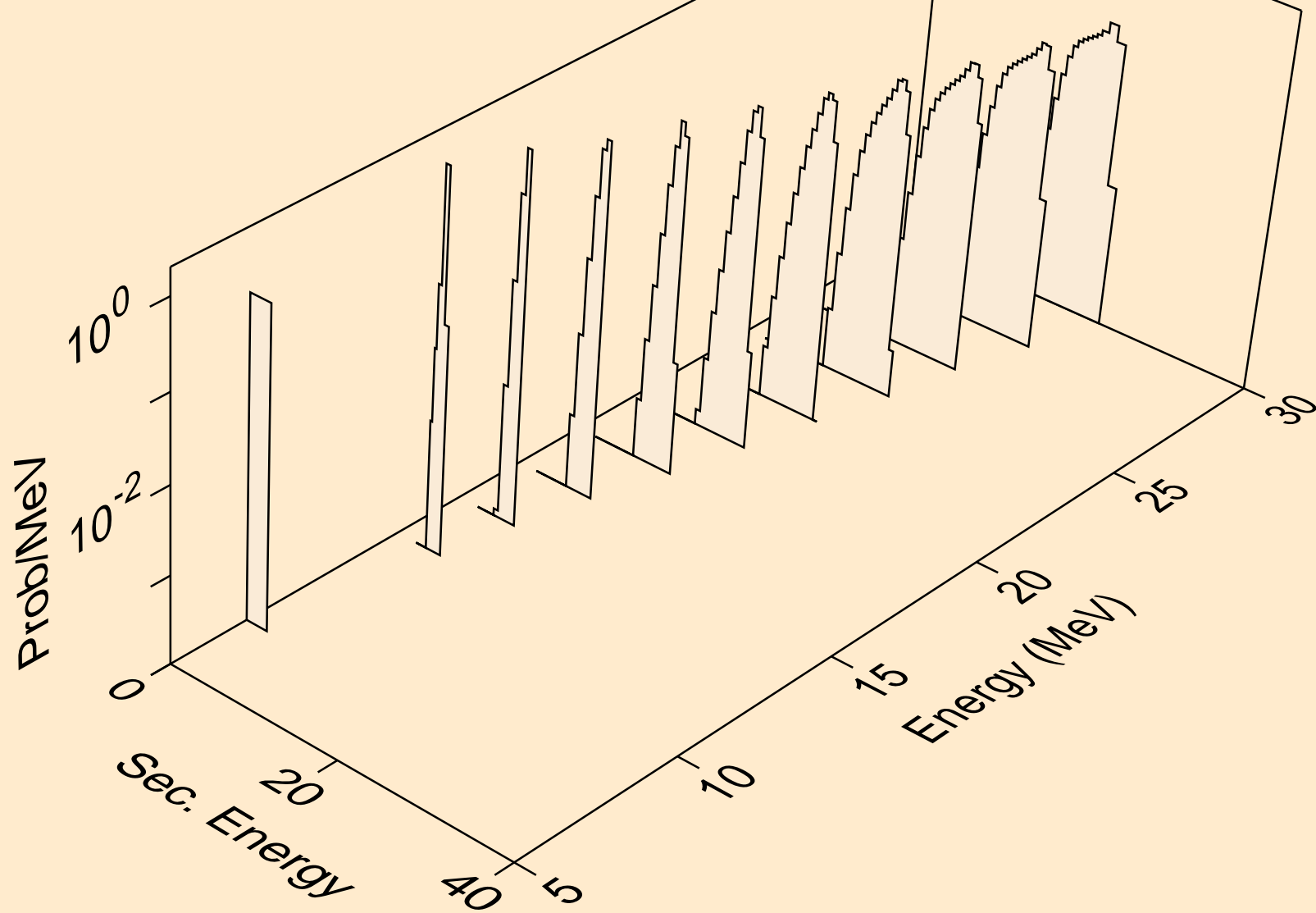
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deuterons from (n,d)



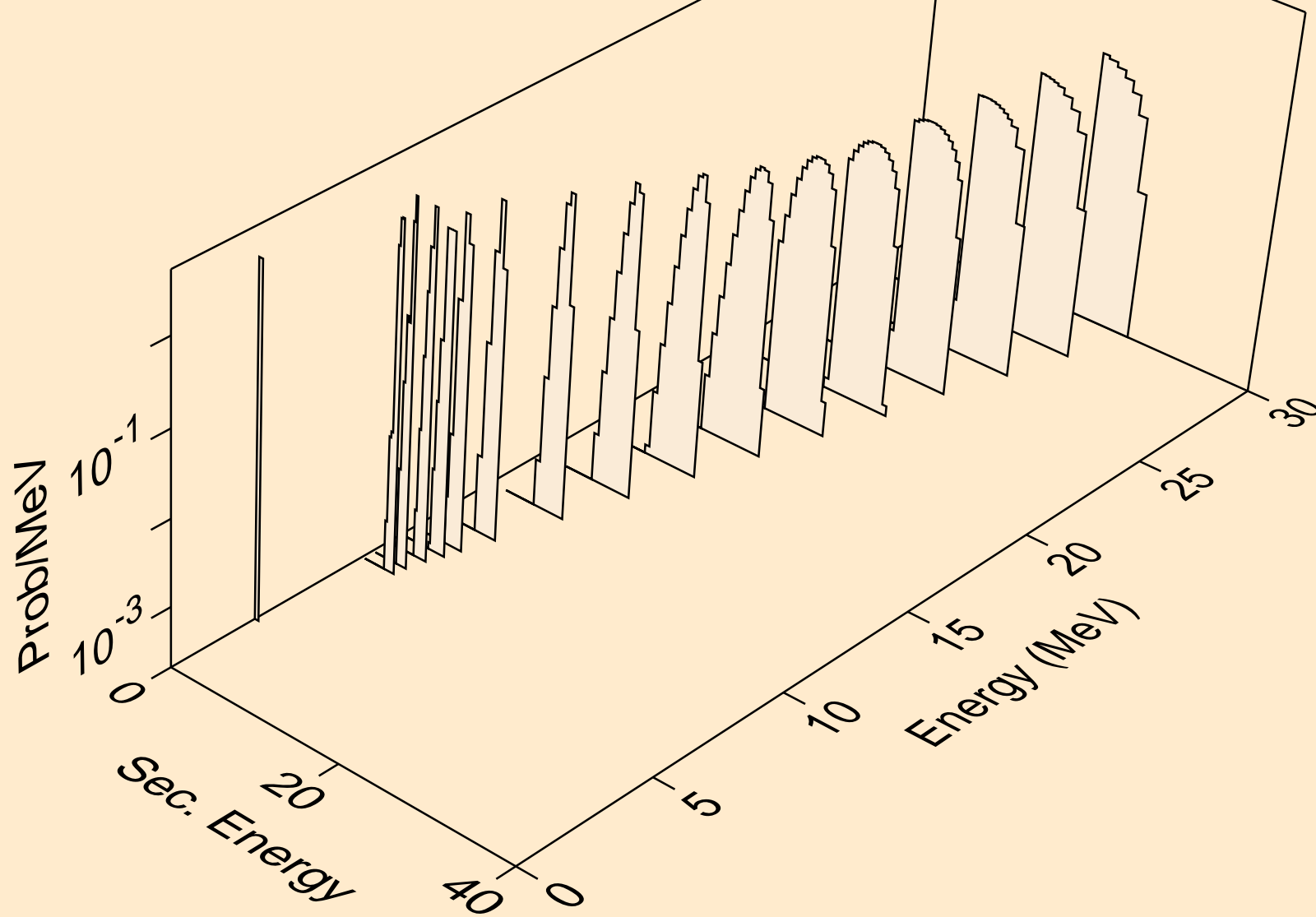
AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)



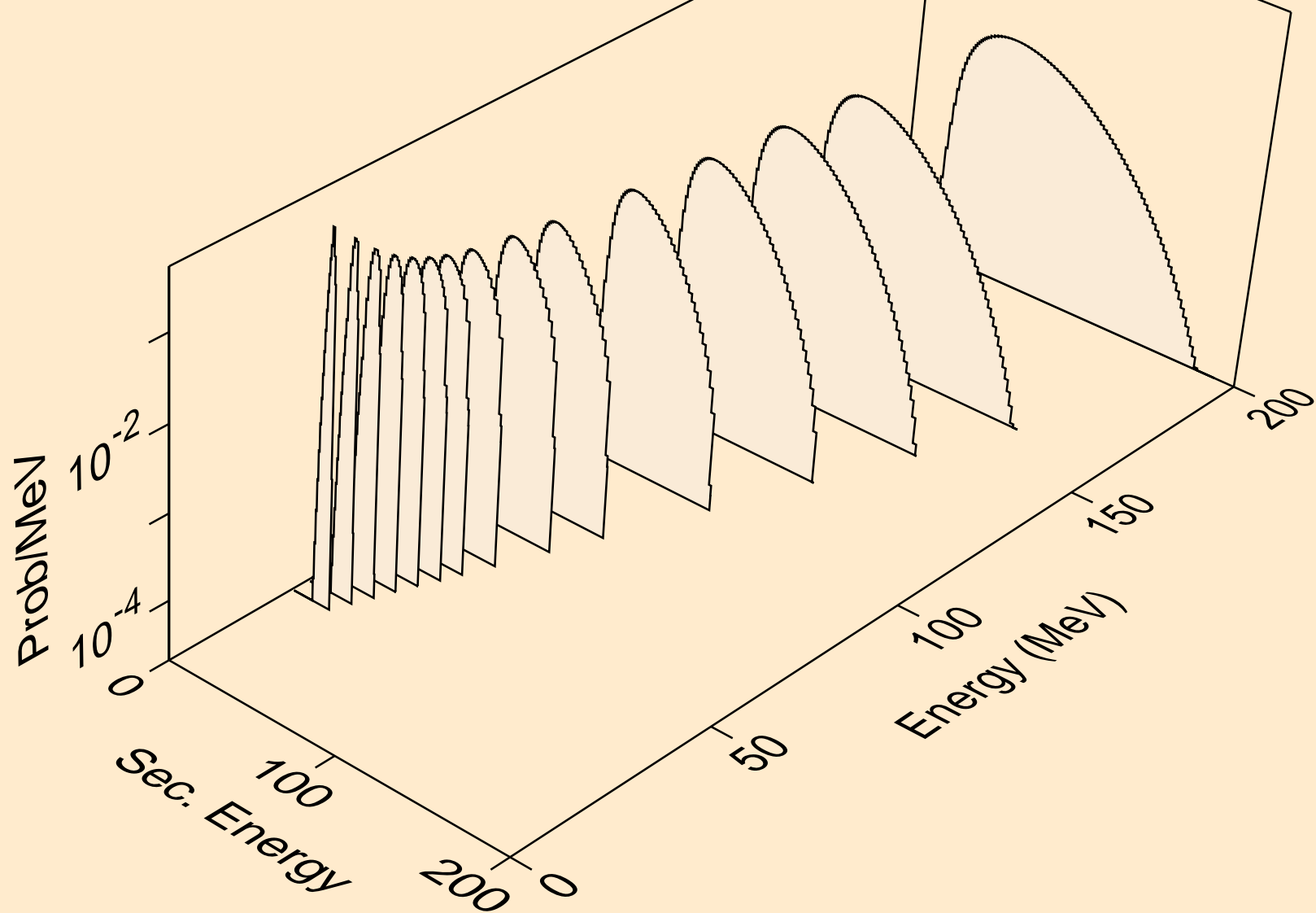
AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



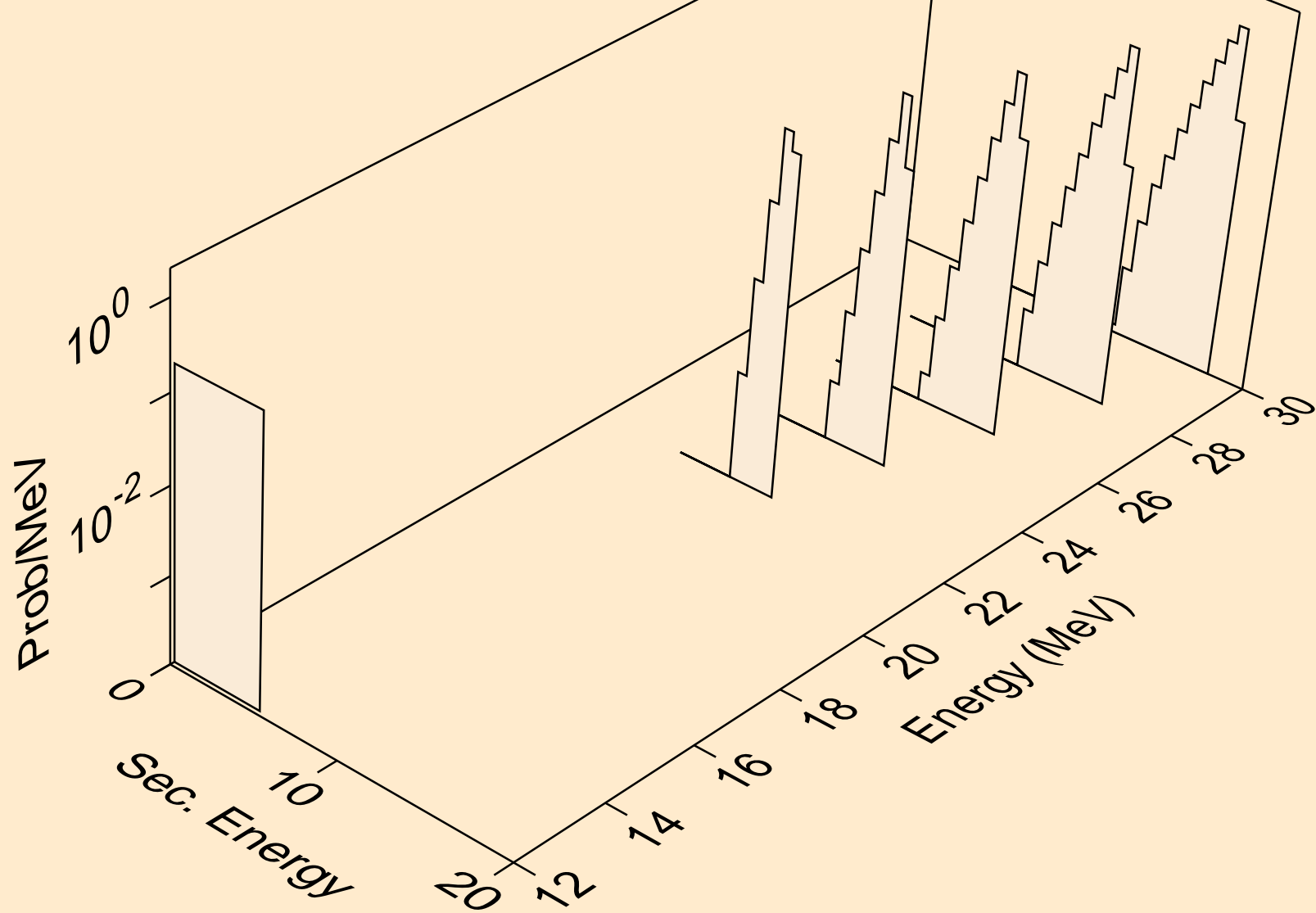
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tritons from (n,t)



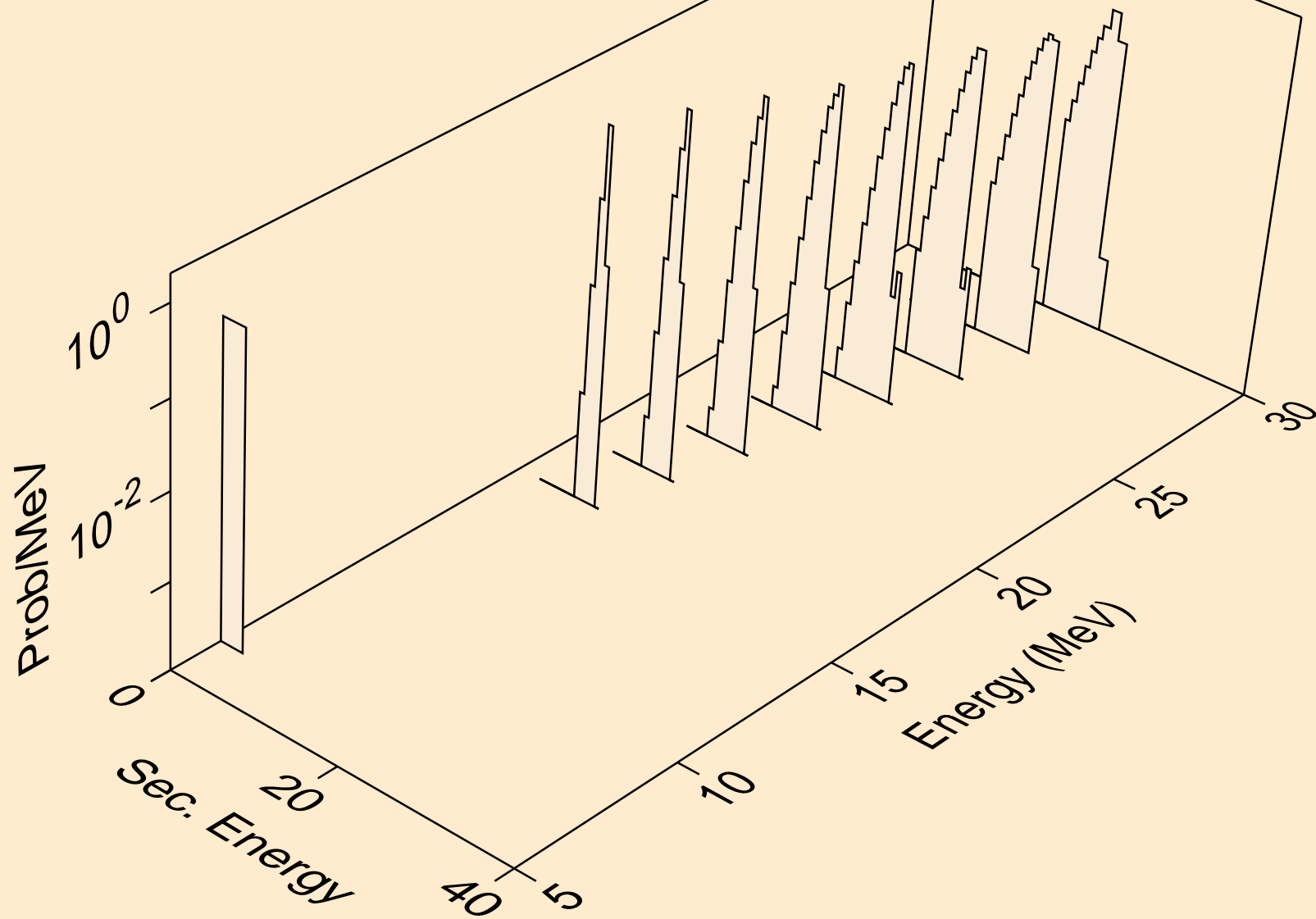
AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



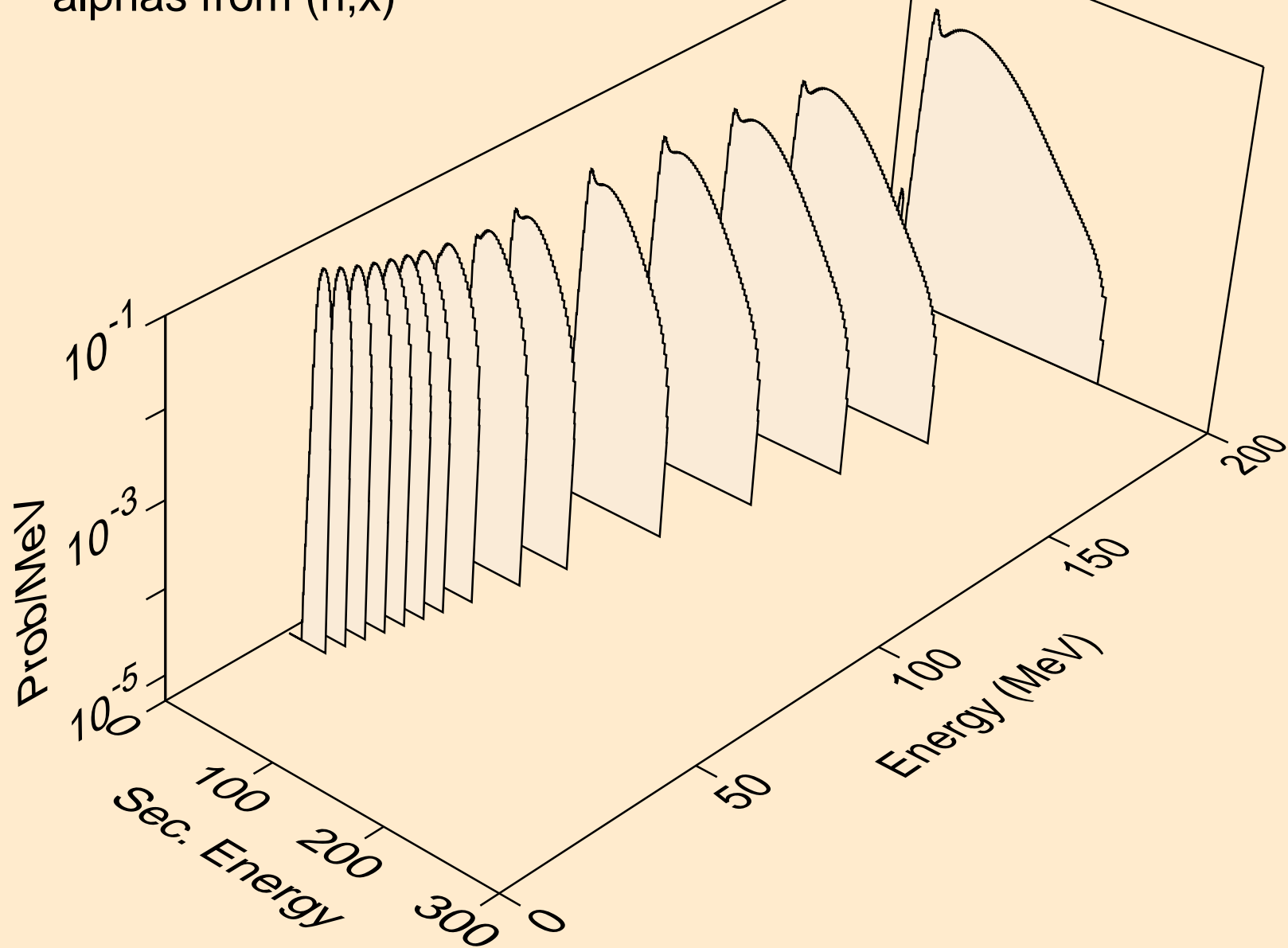
AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



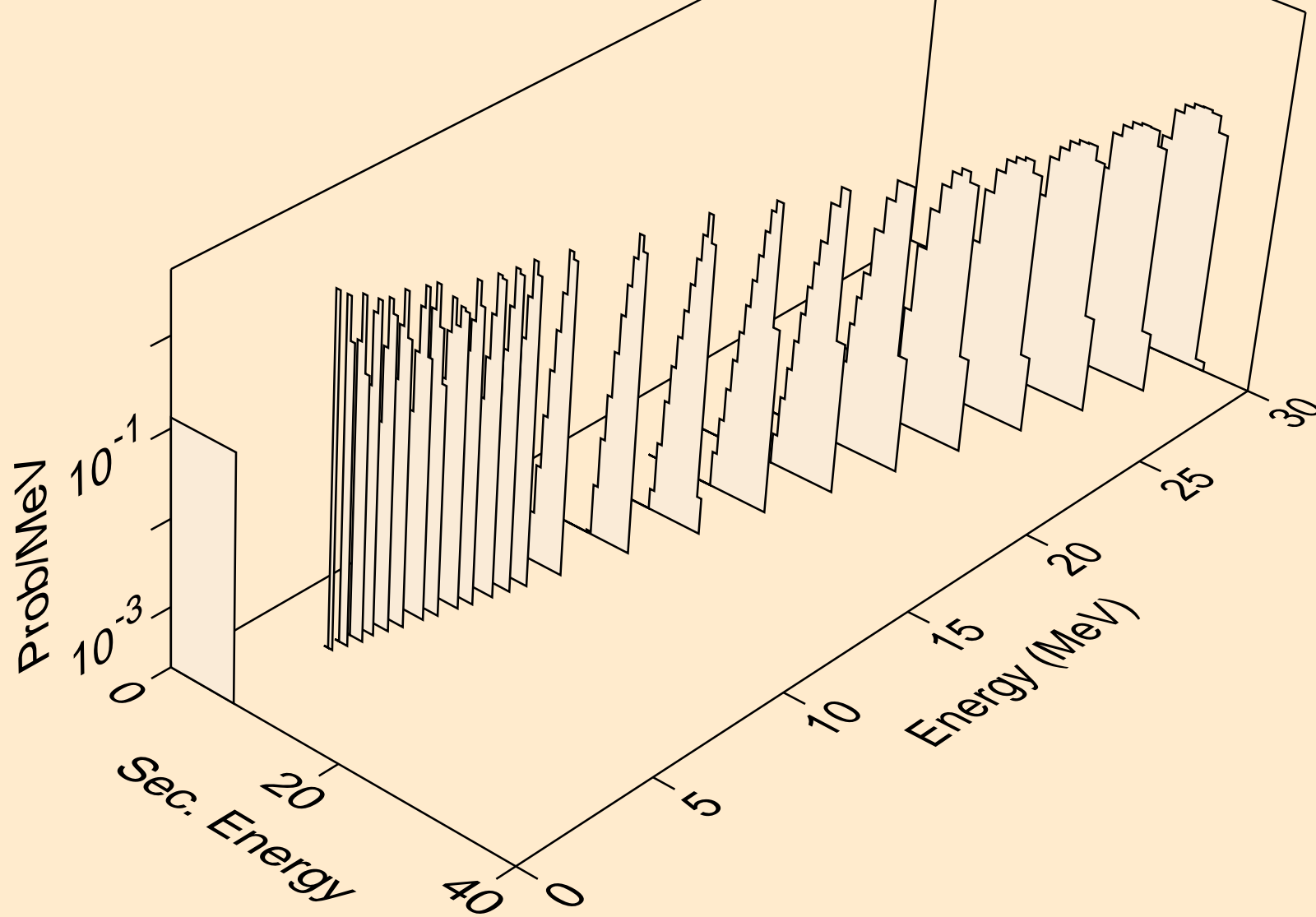
AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)



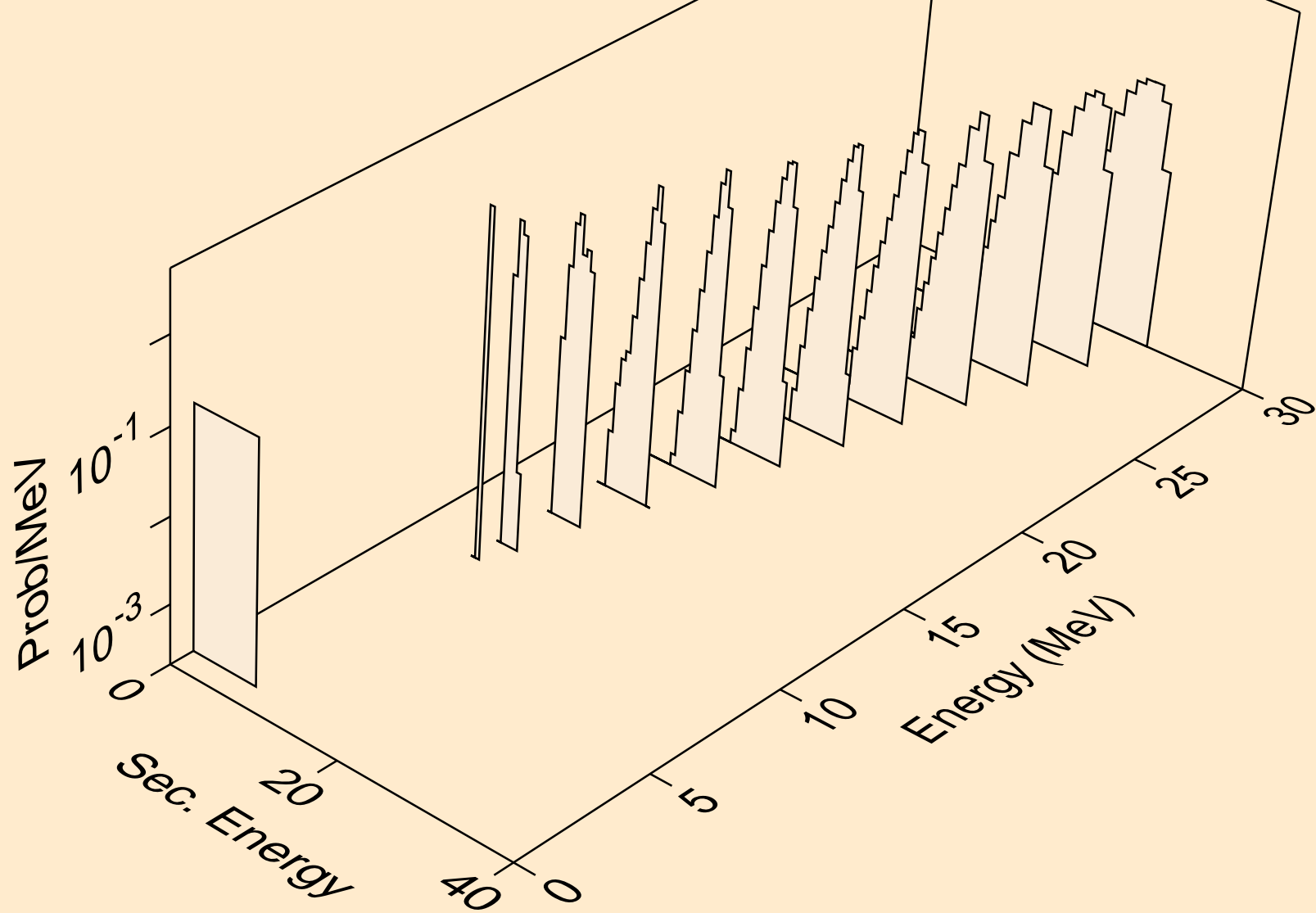
AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



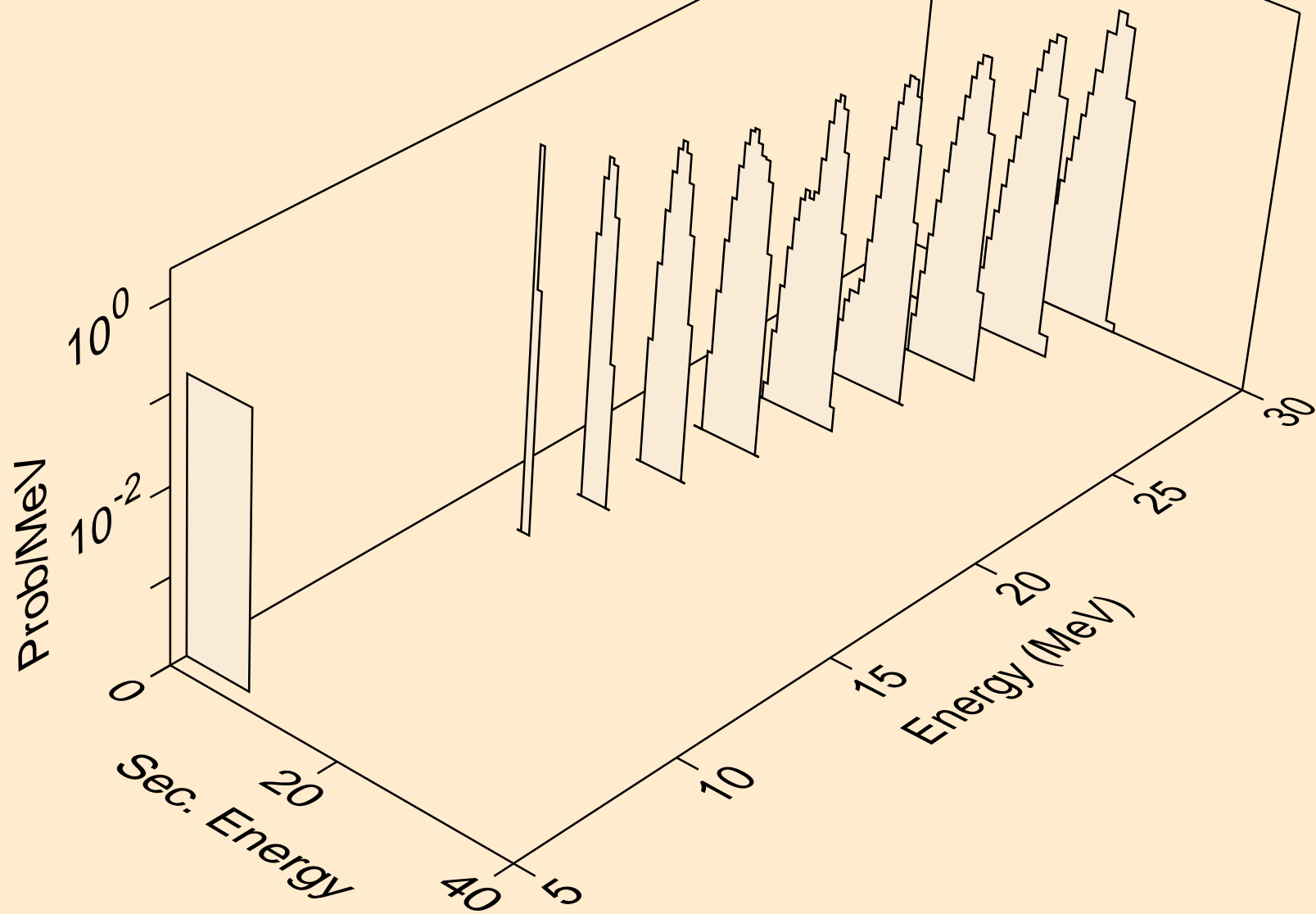
AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



AM249 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)

