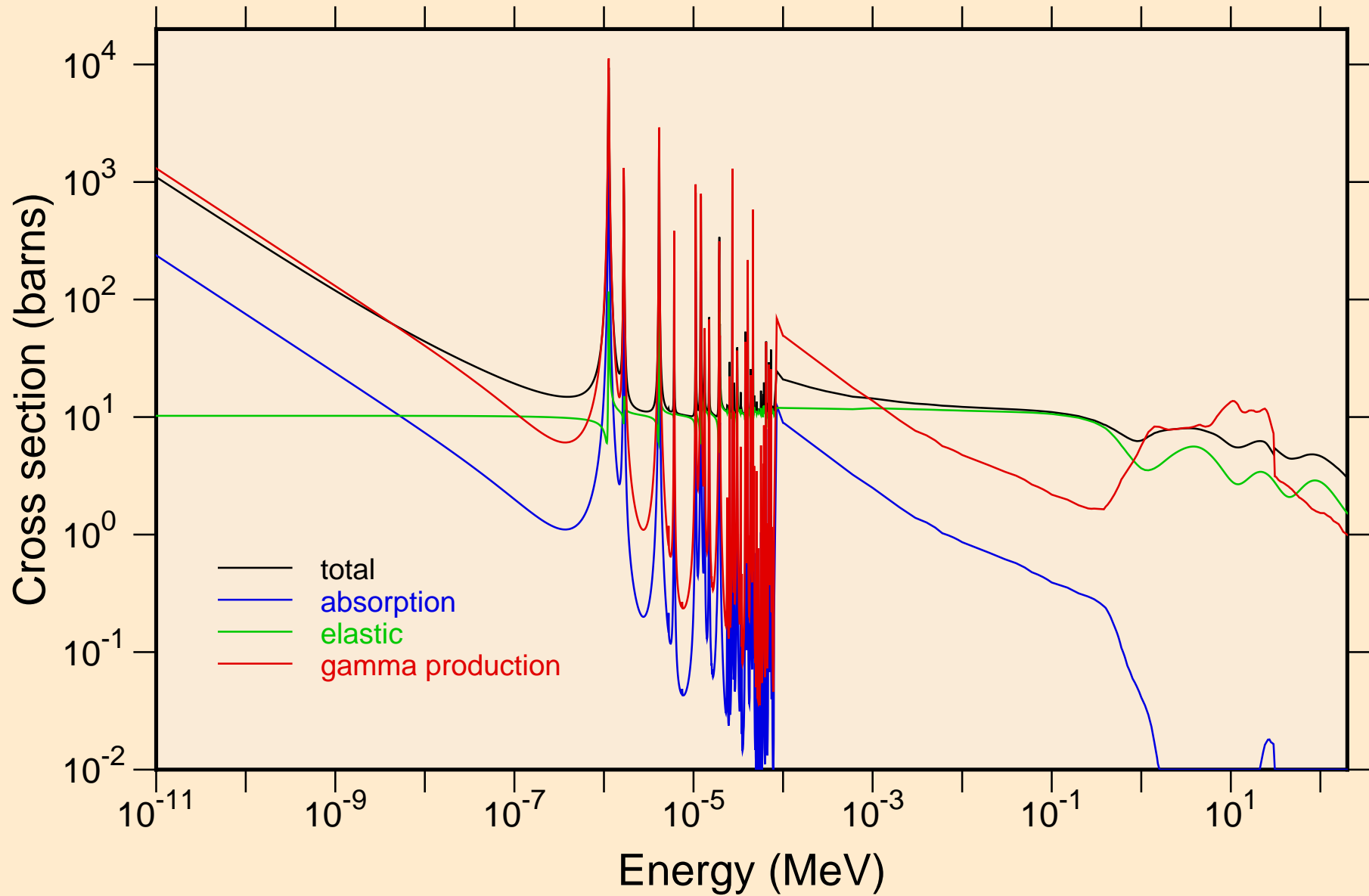
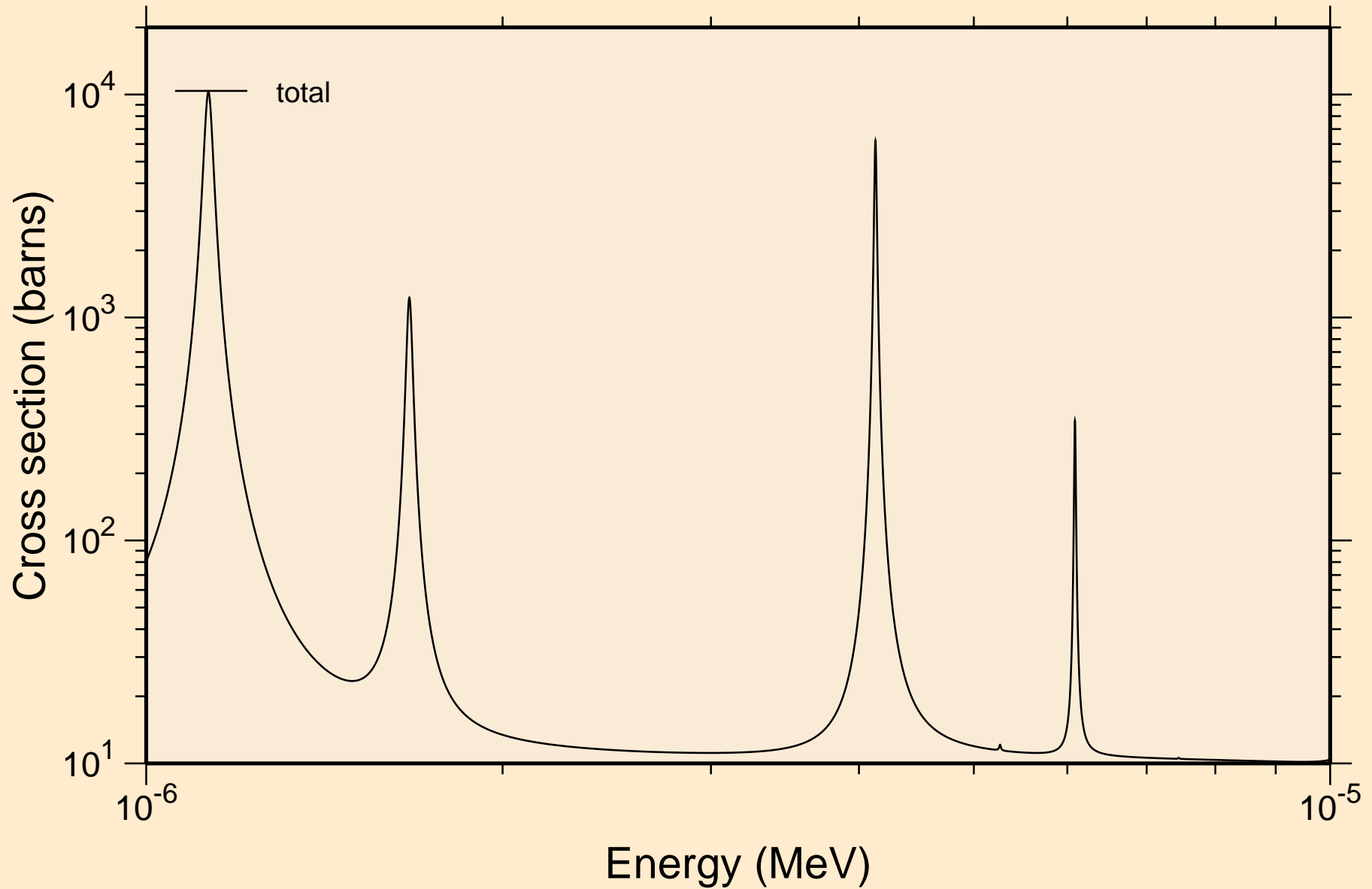


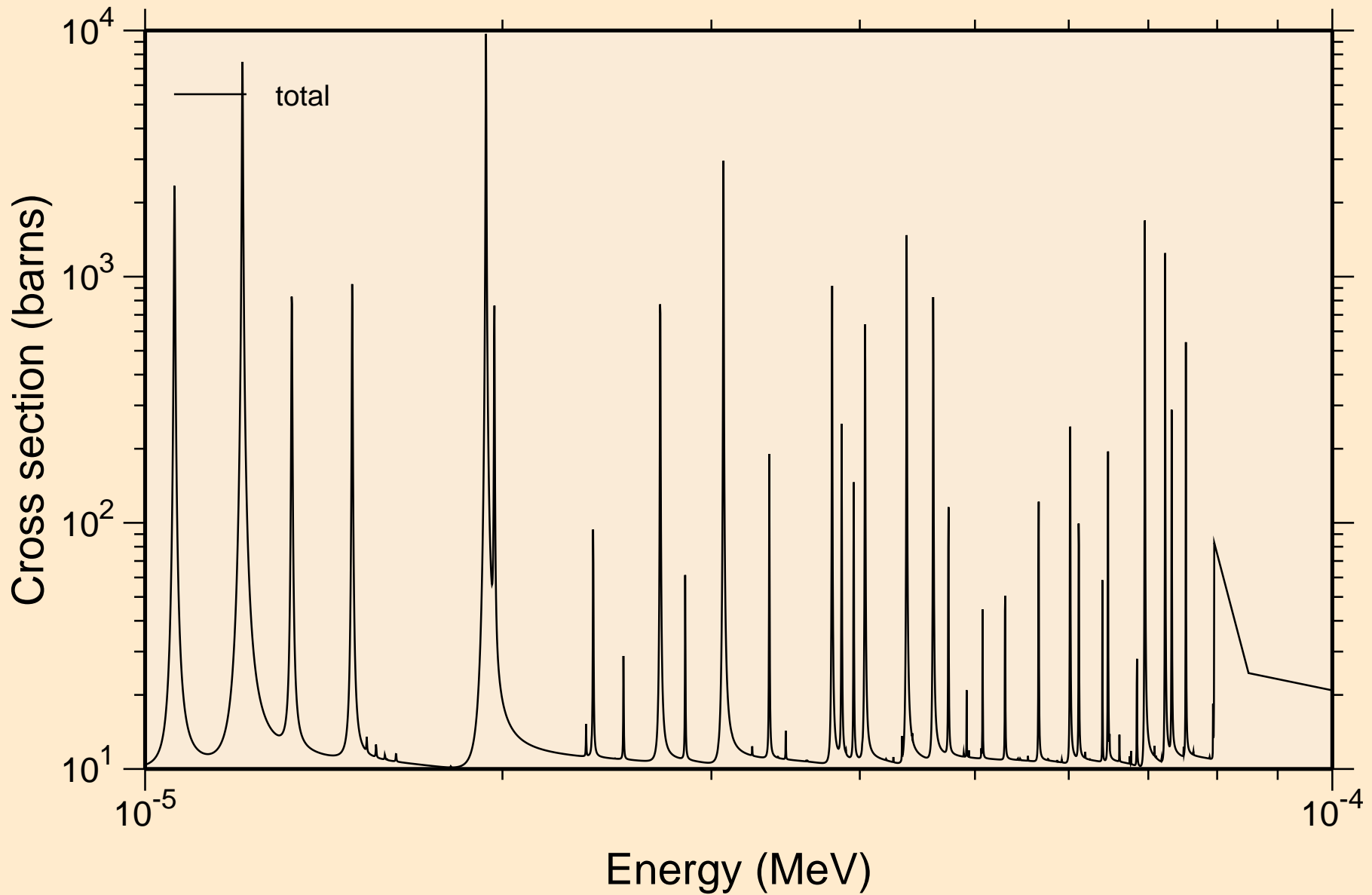
TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Principal cross sections



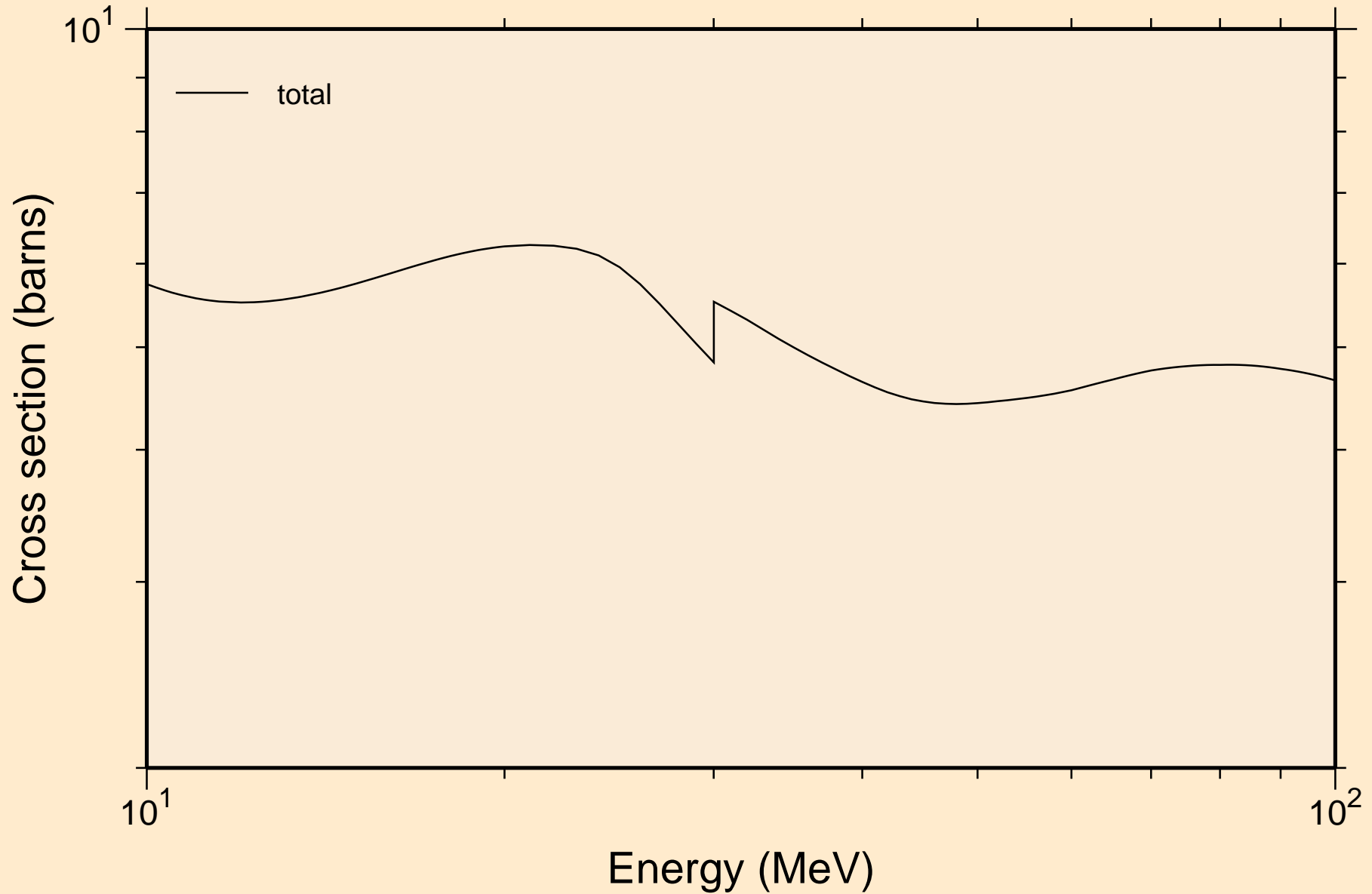
TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



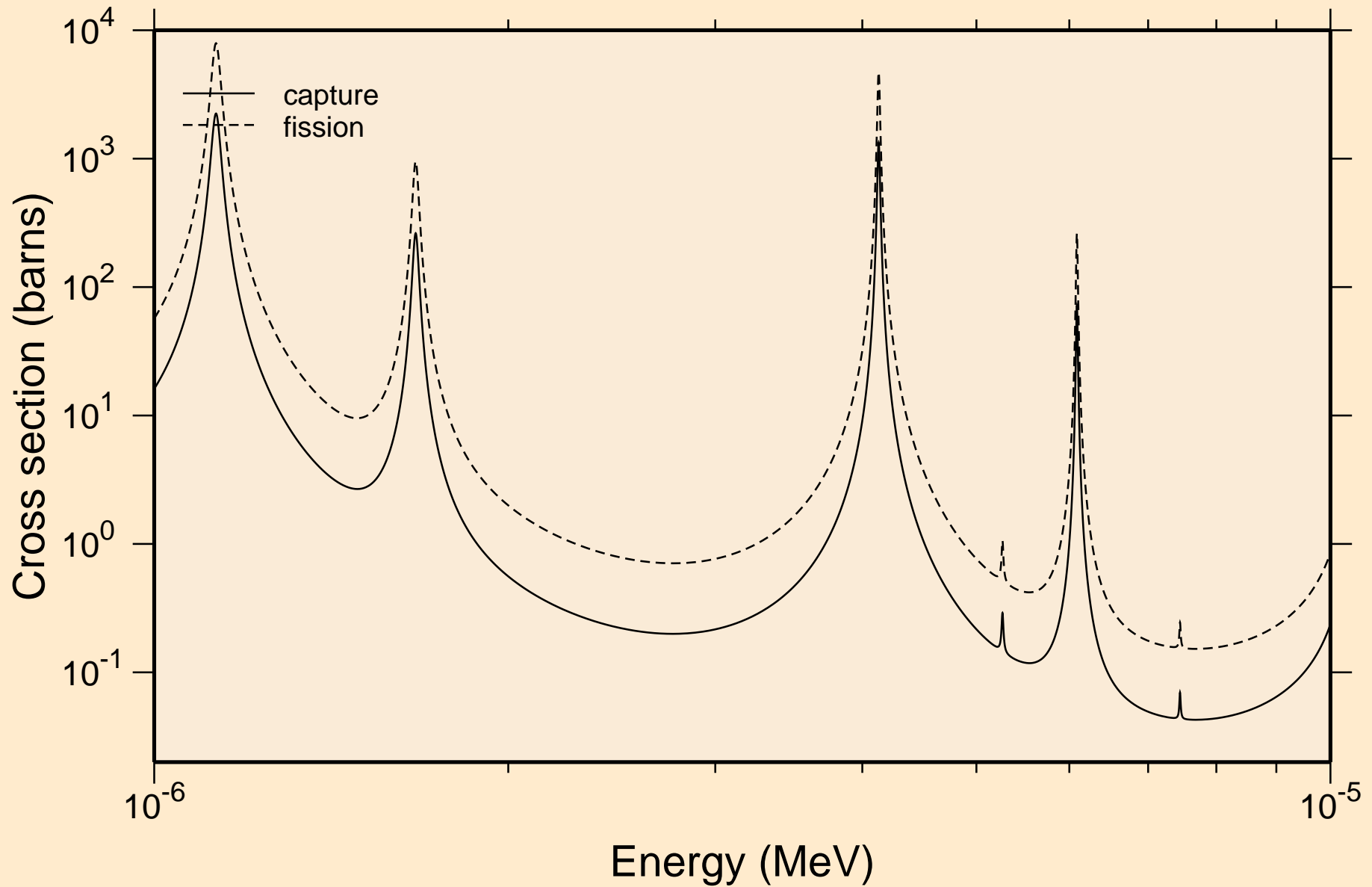
TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



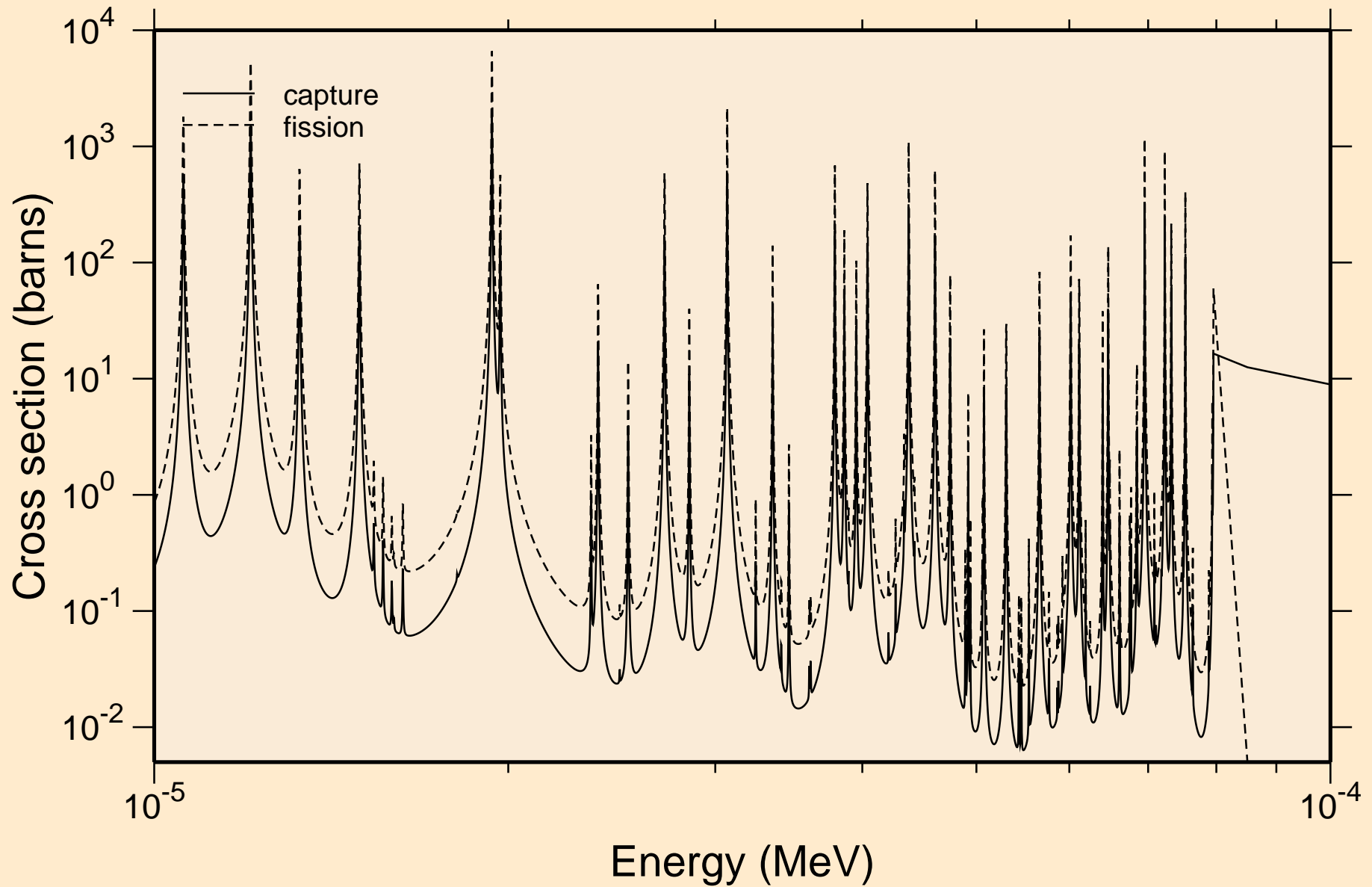
TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



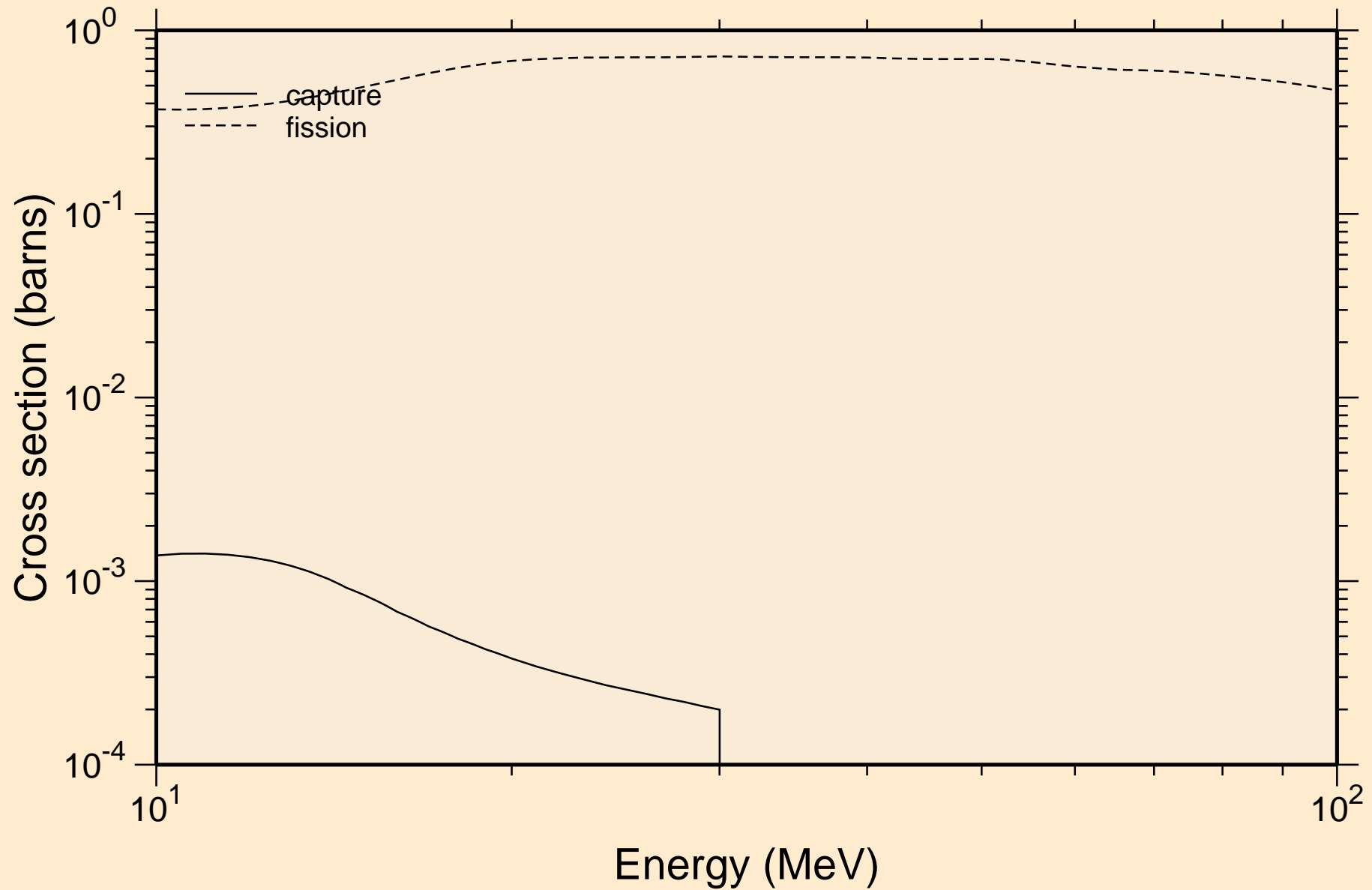
TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

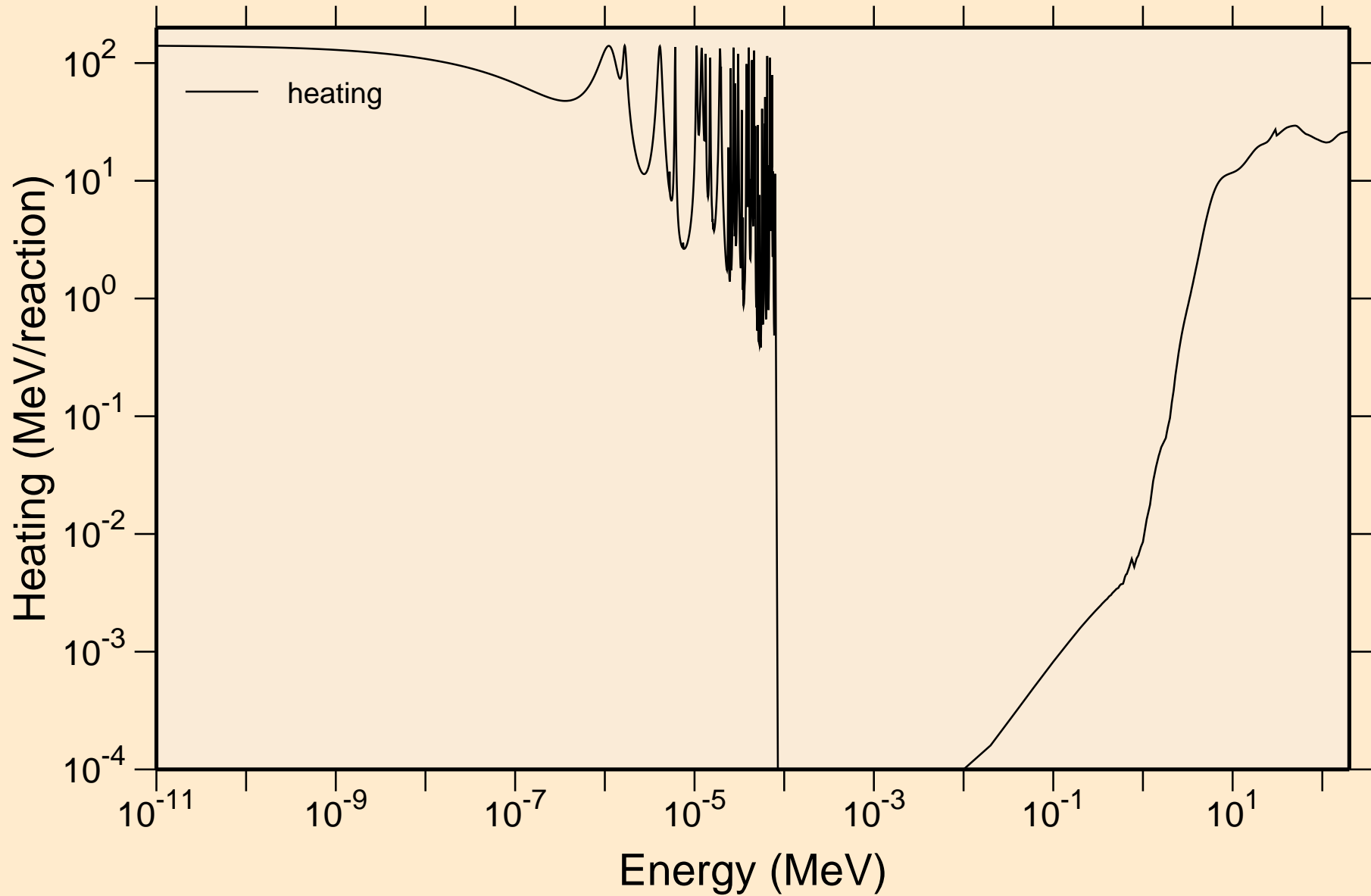


TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



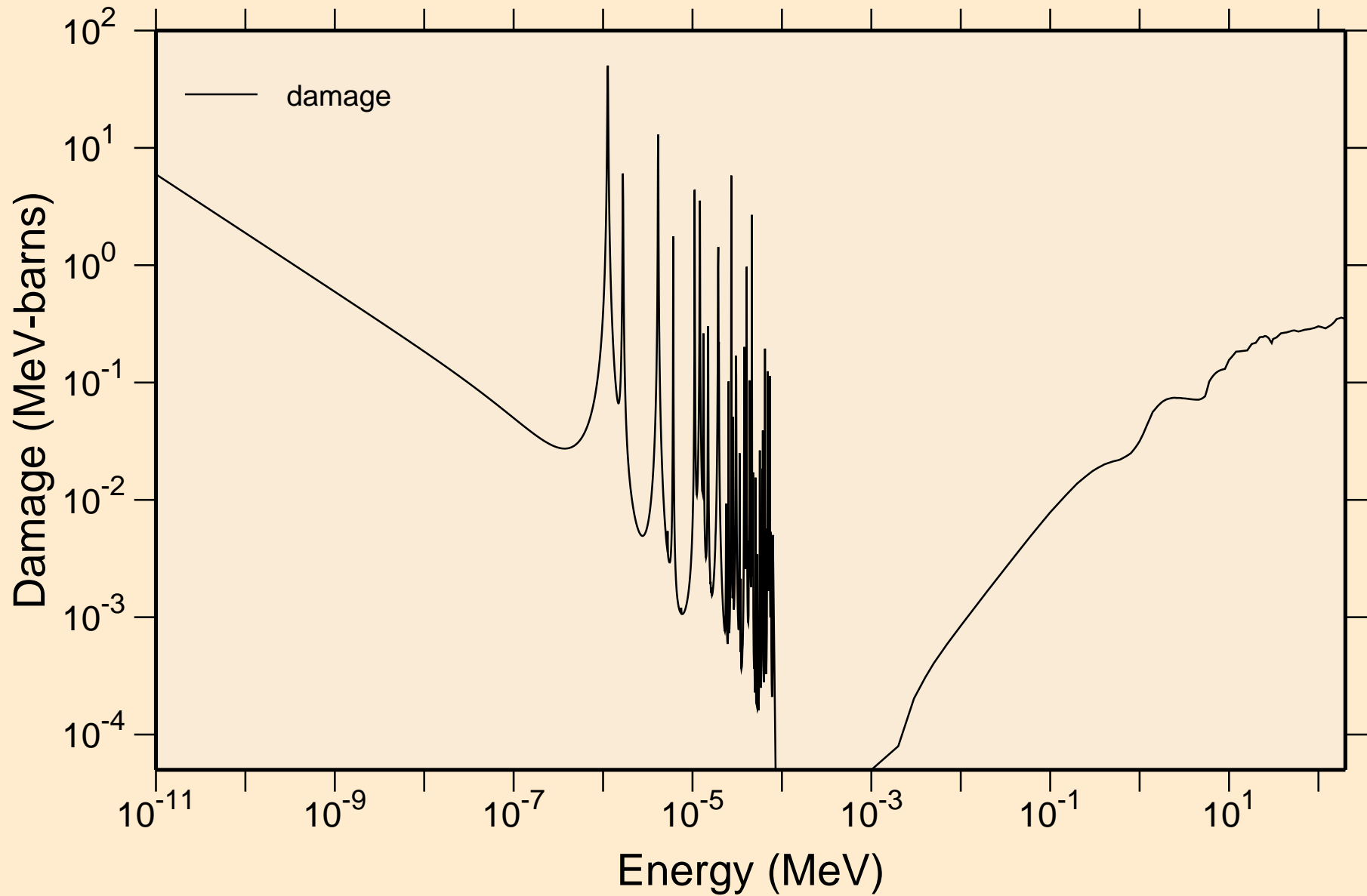
# TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



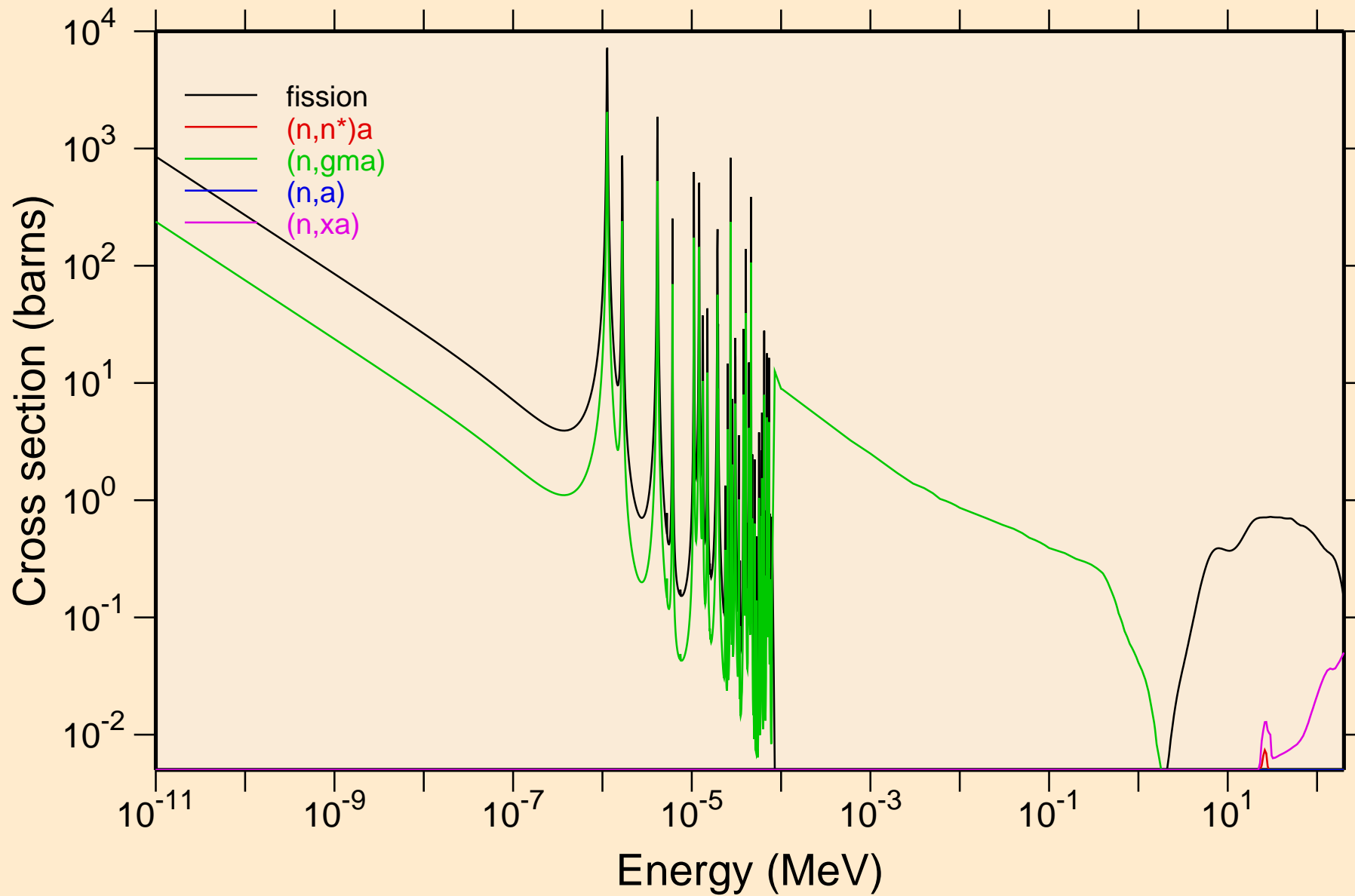


TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



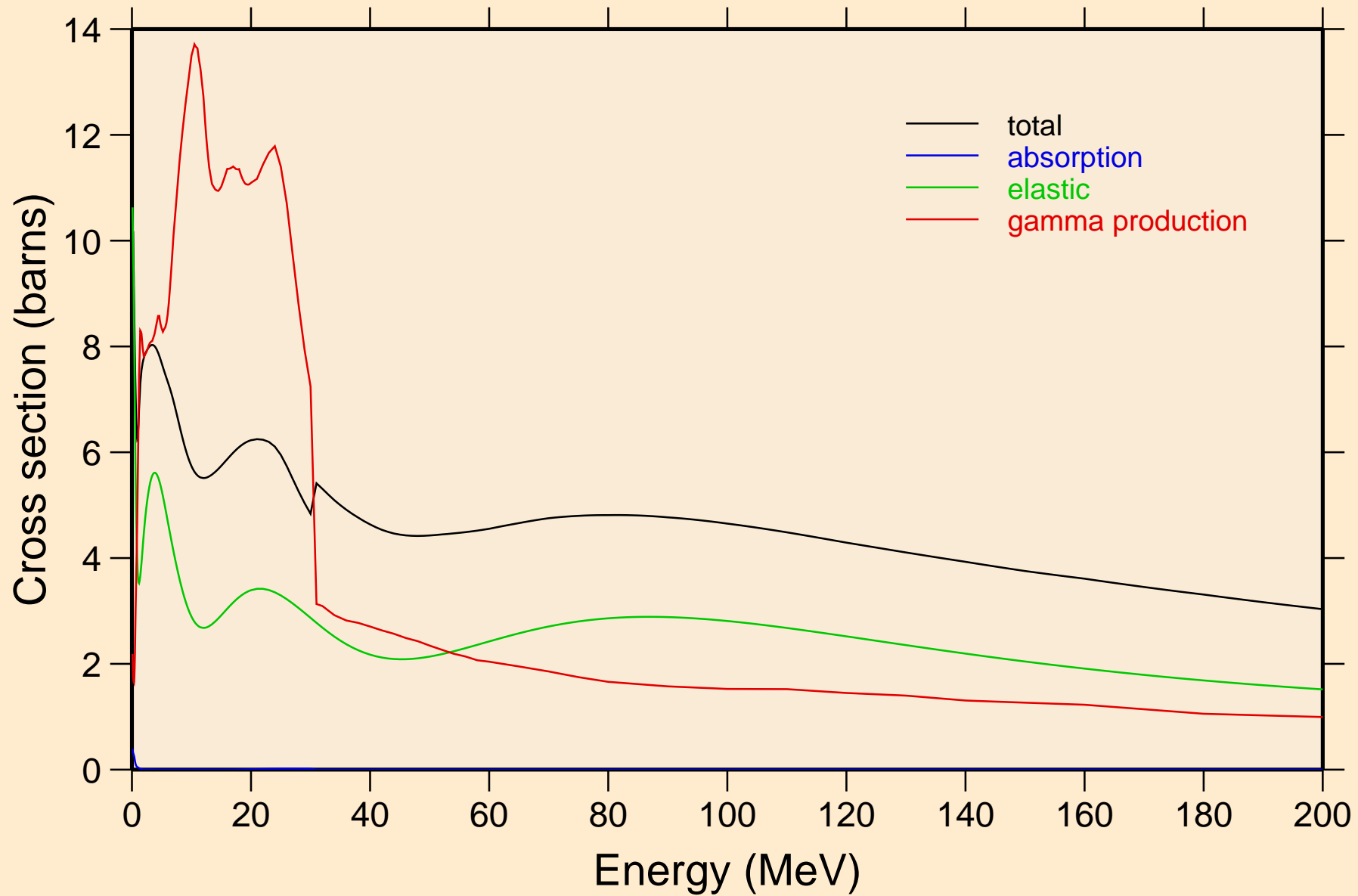
# TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions



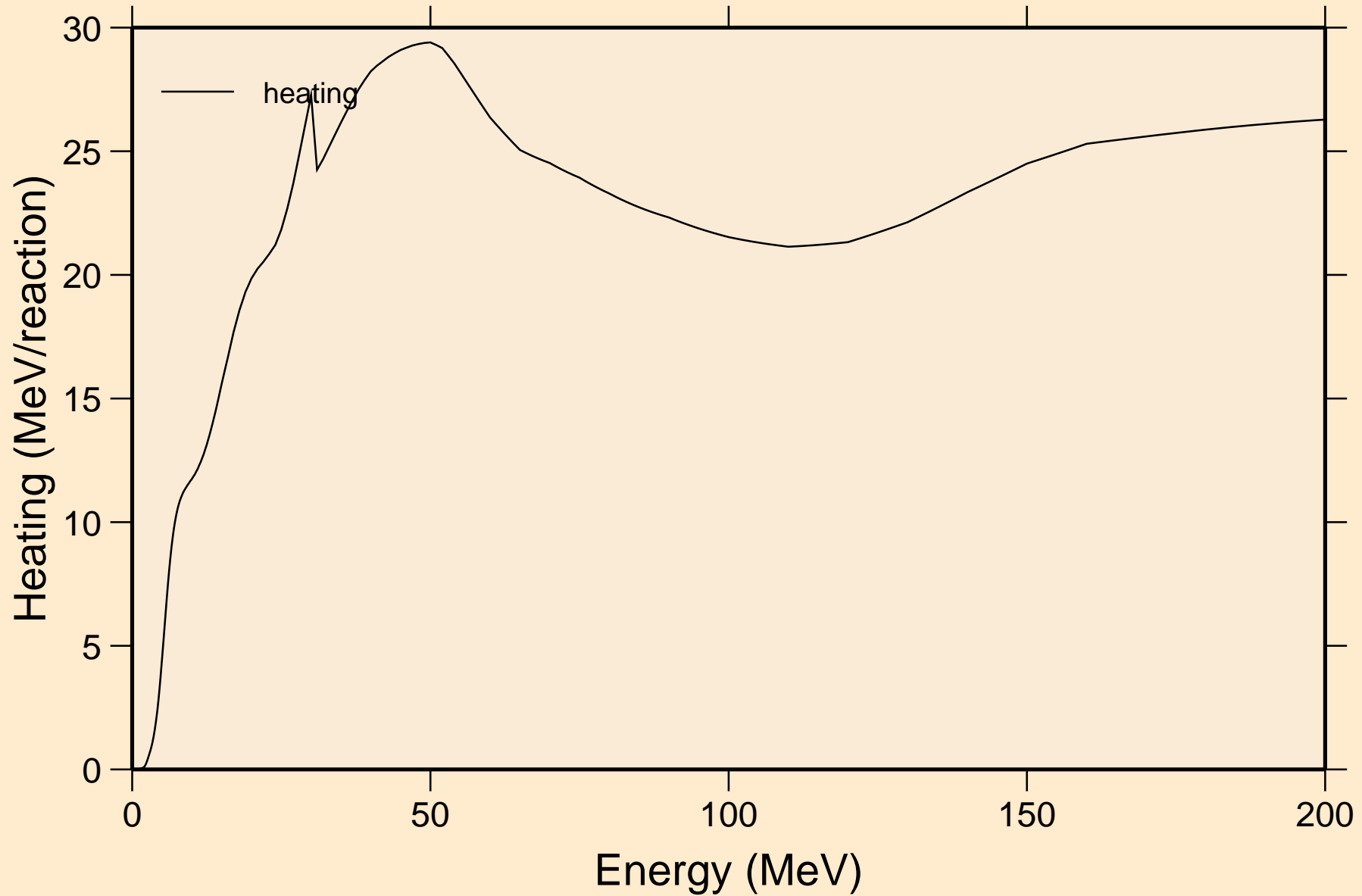
# TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



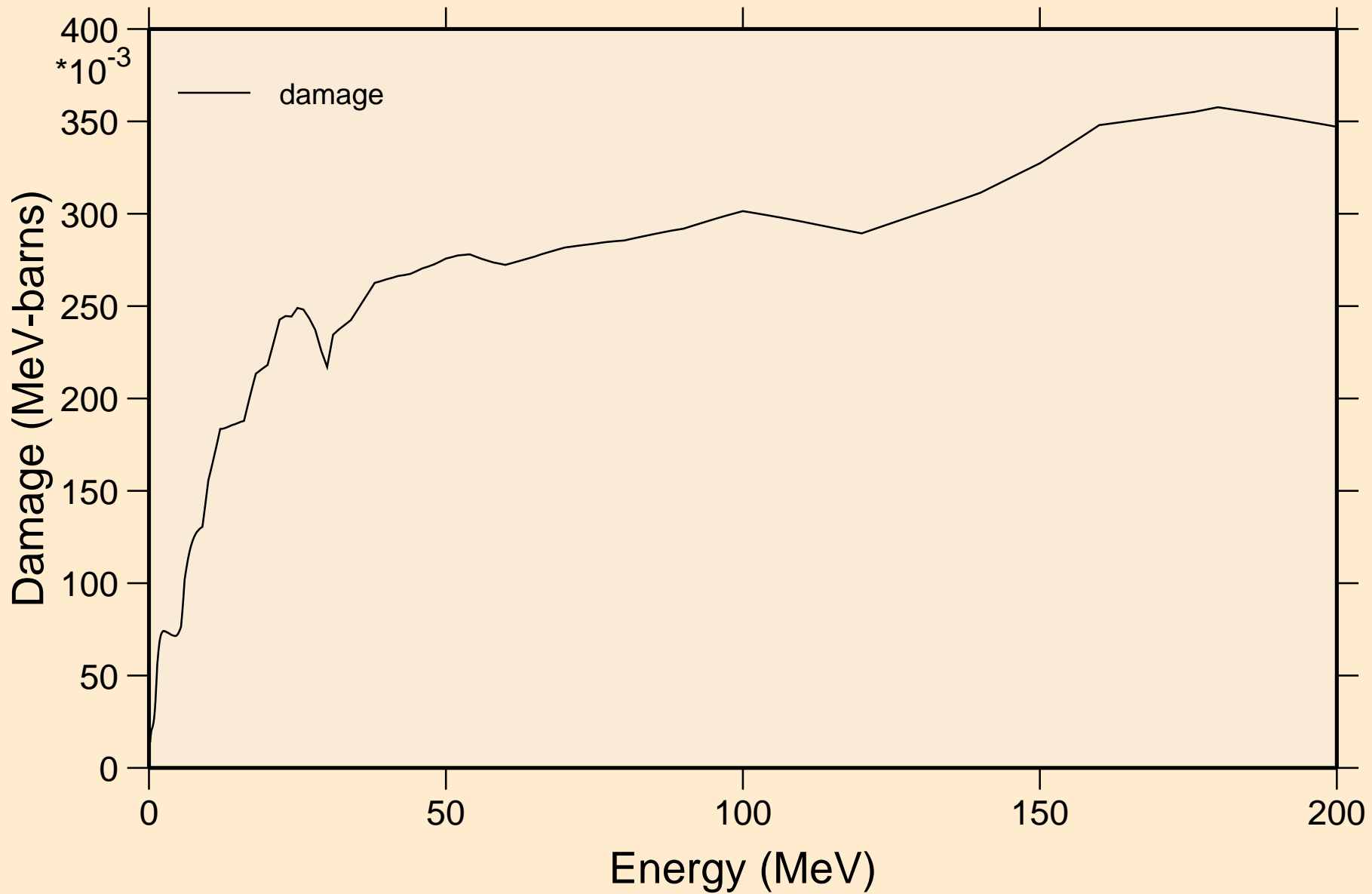
# TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



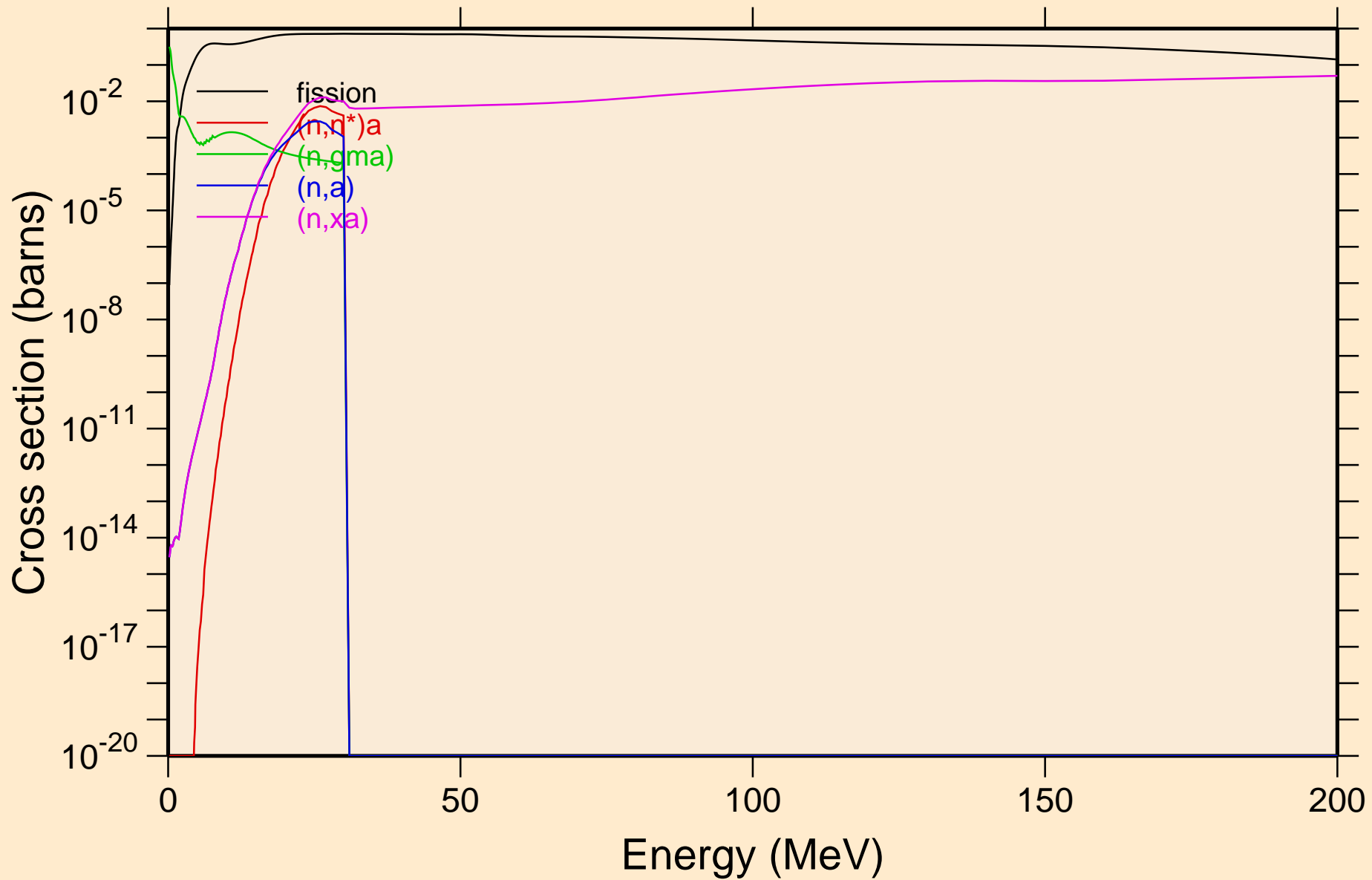
# TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

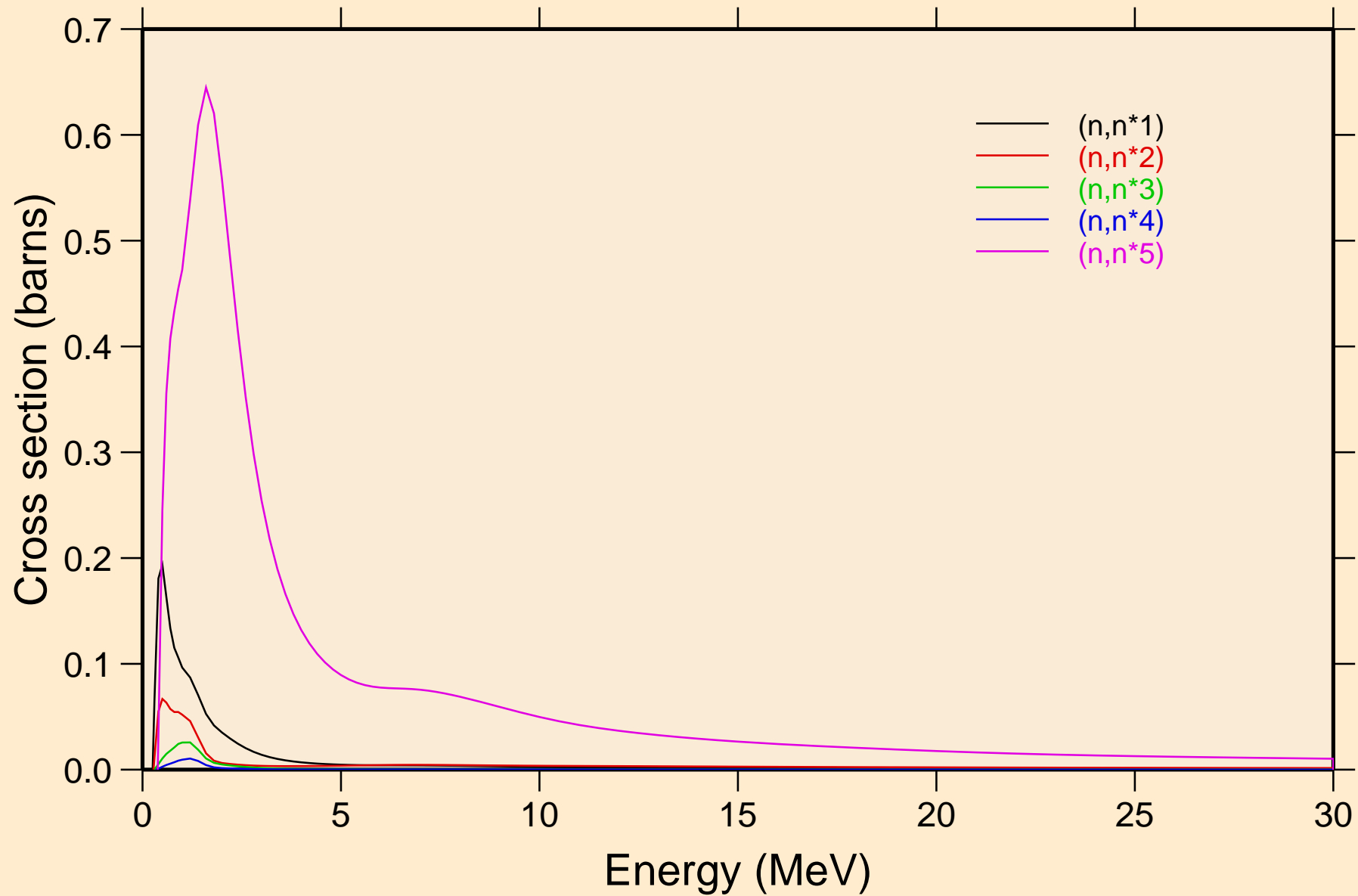


# TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

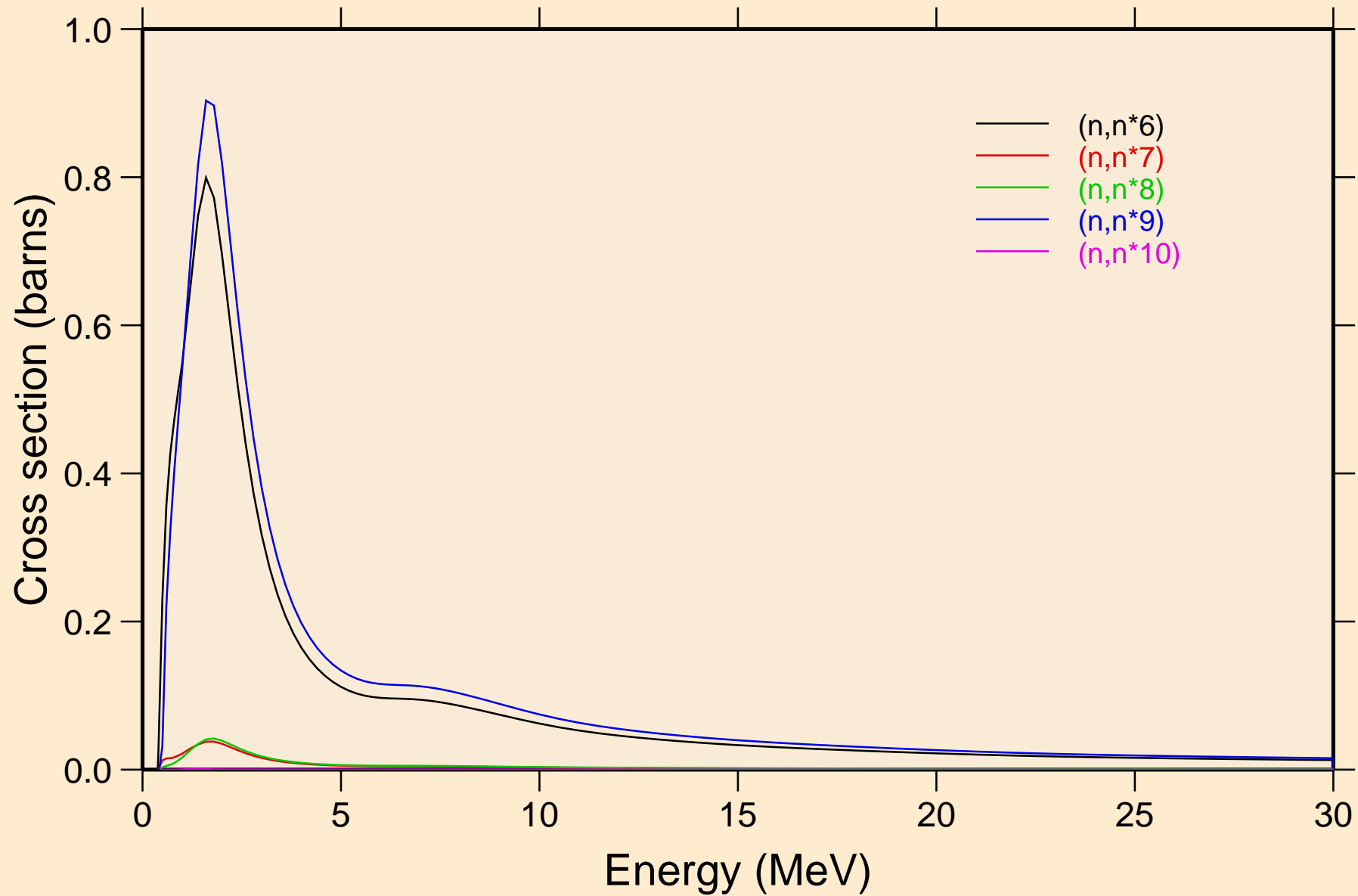
## Non-threshold reactions



TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

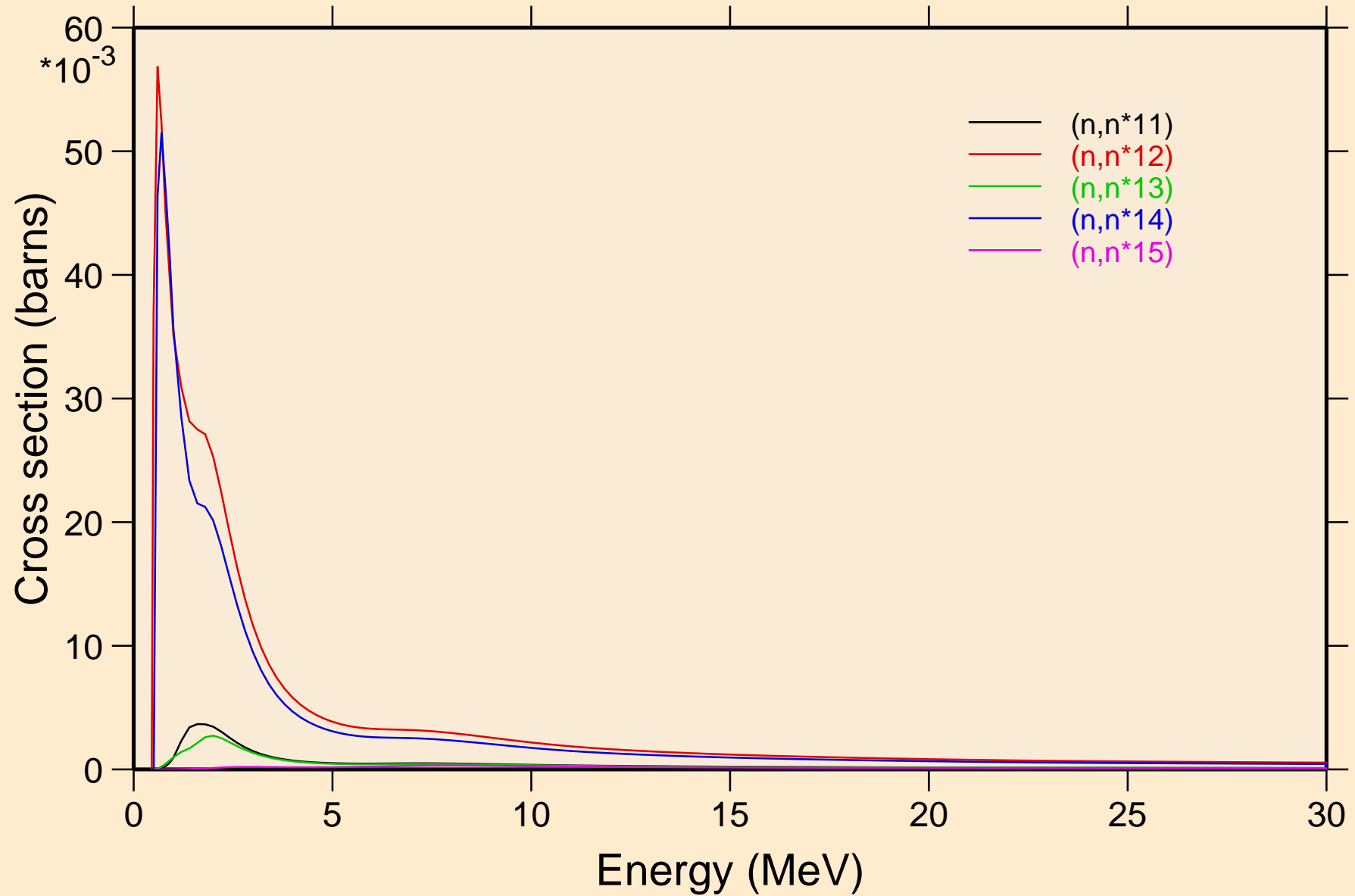


TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

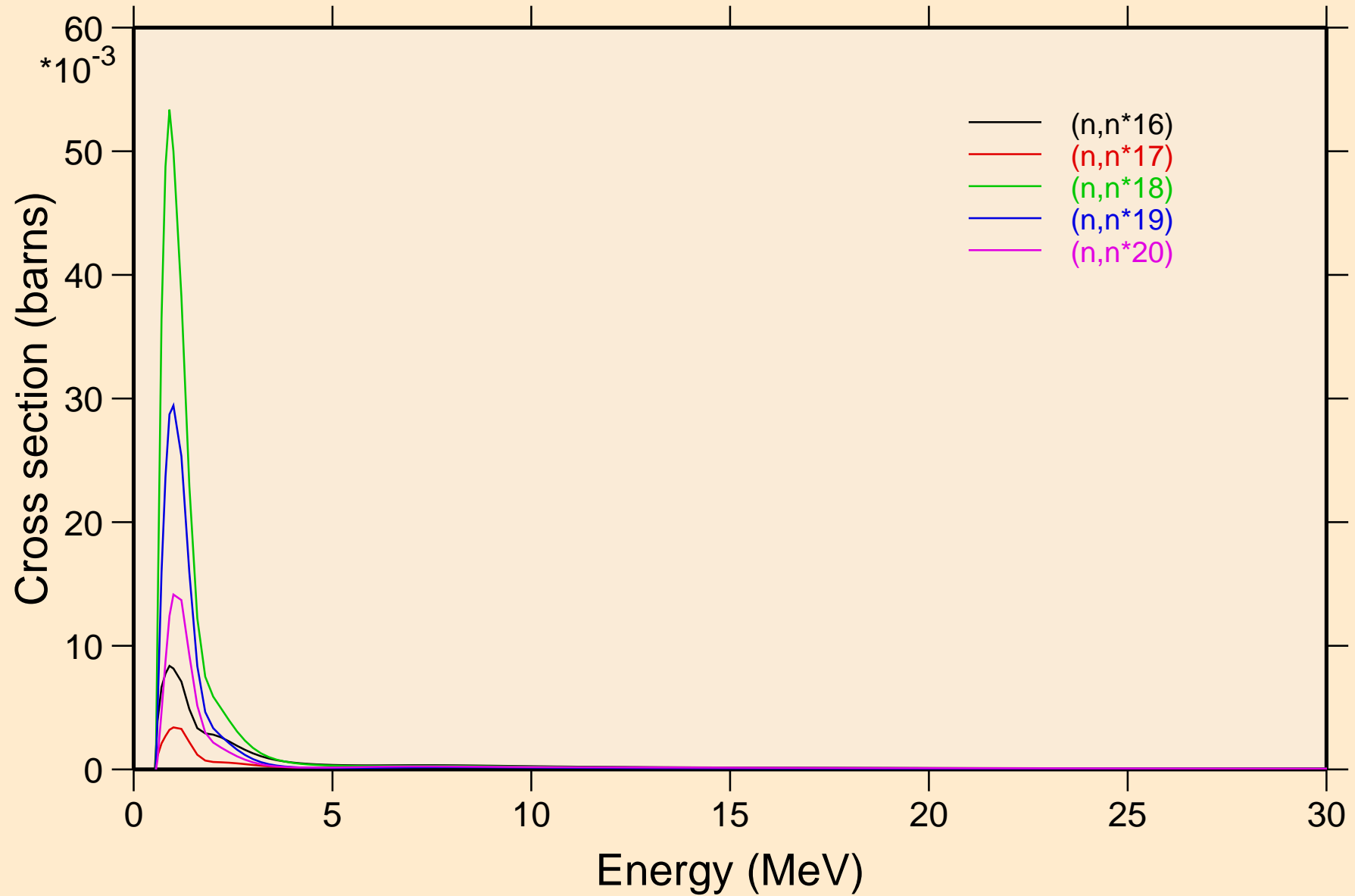




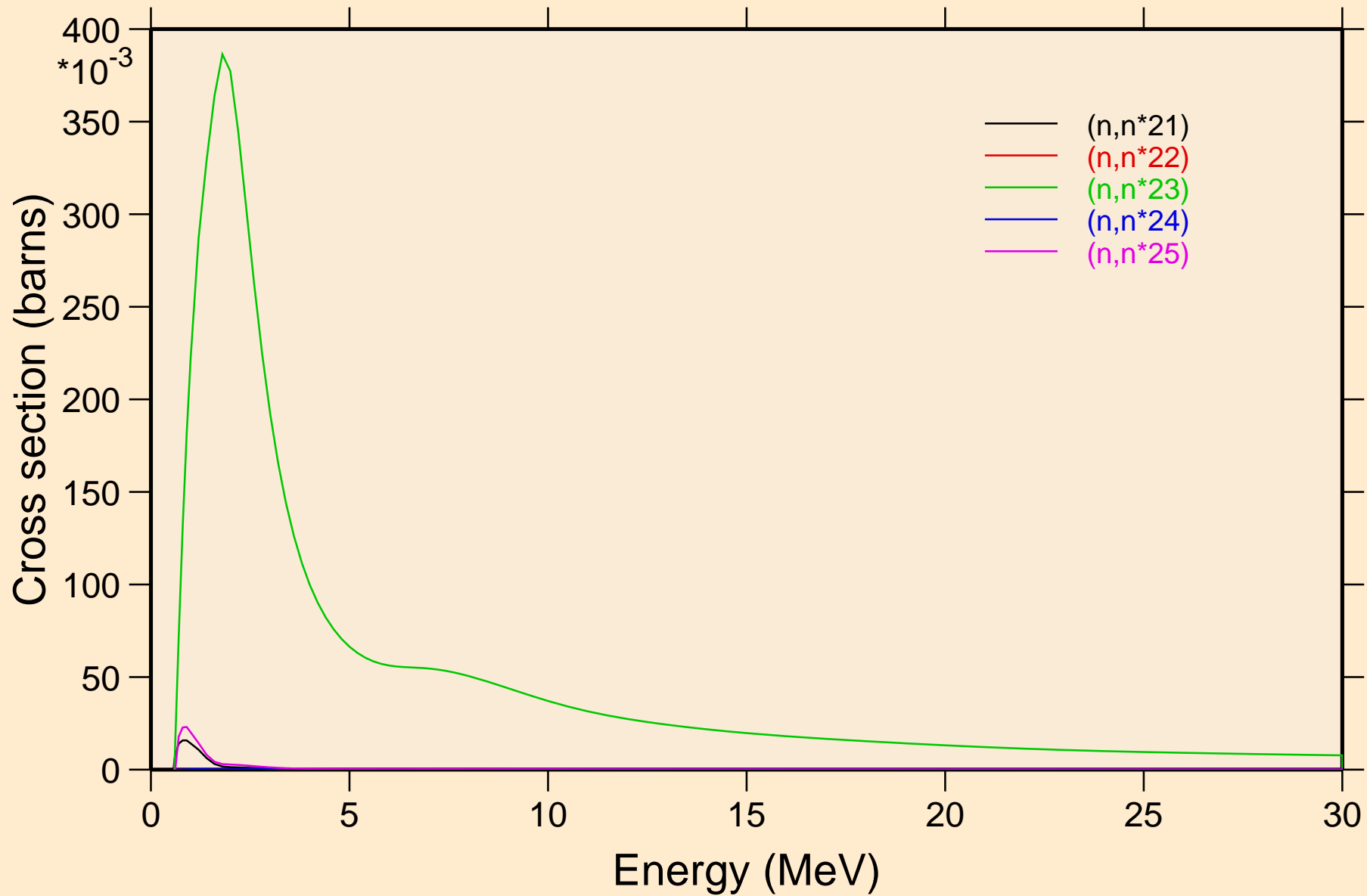
TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



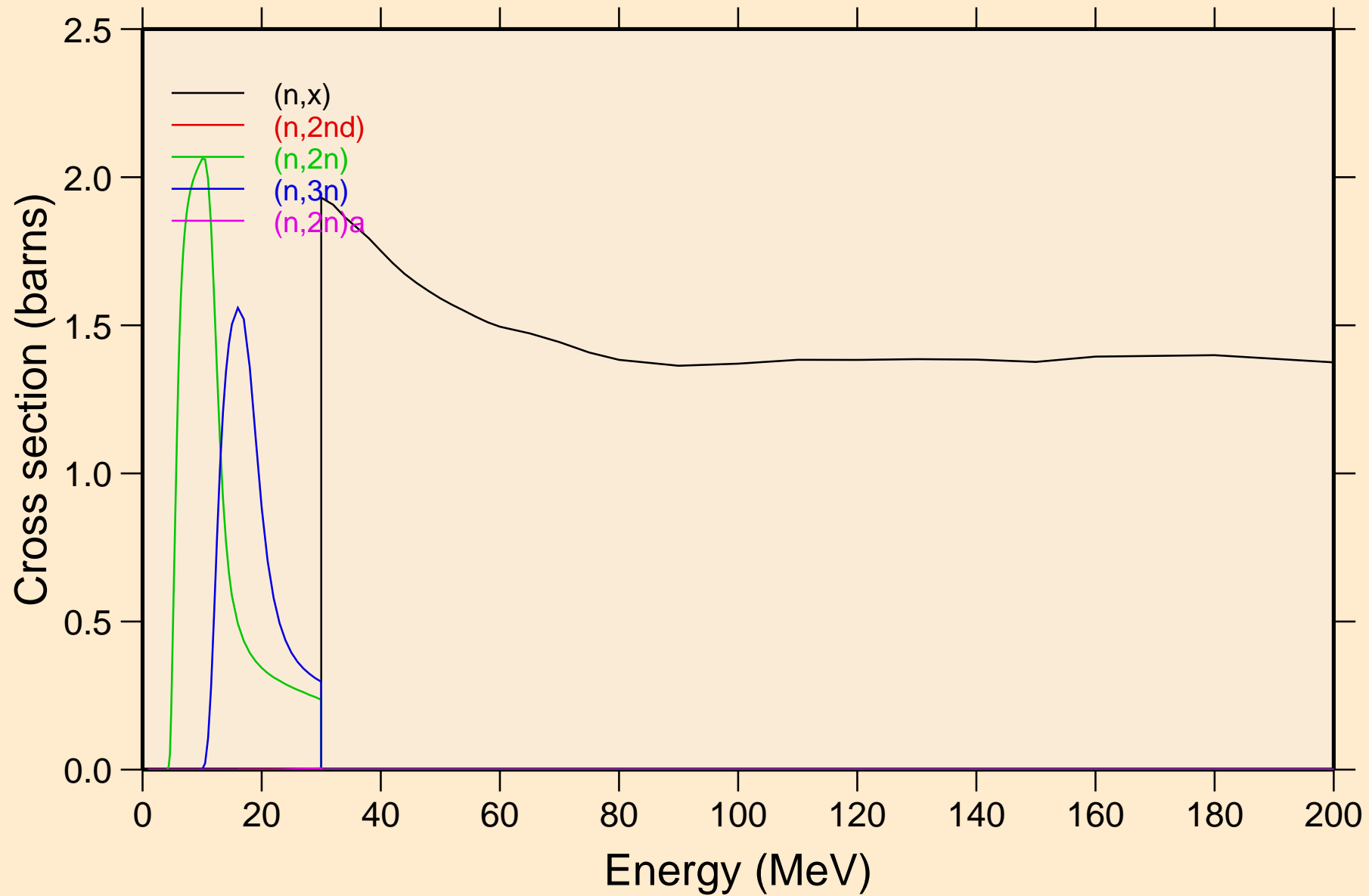
TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



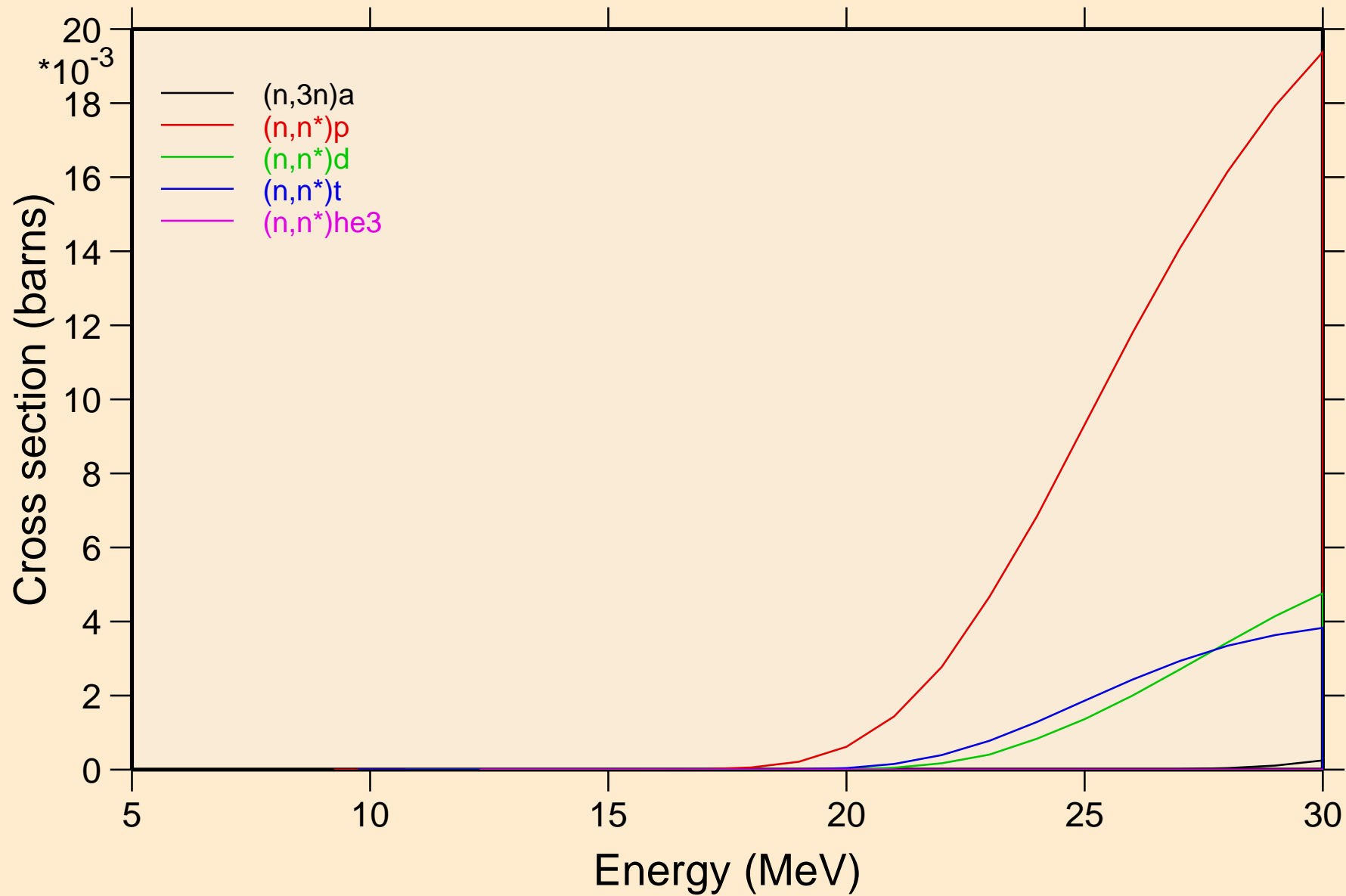
TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



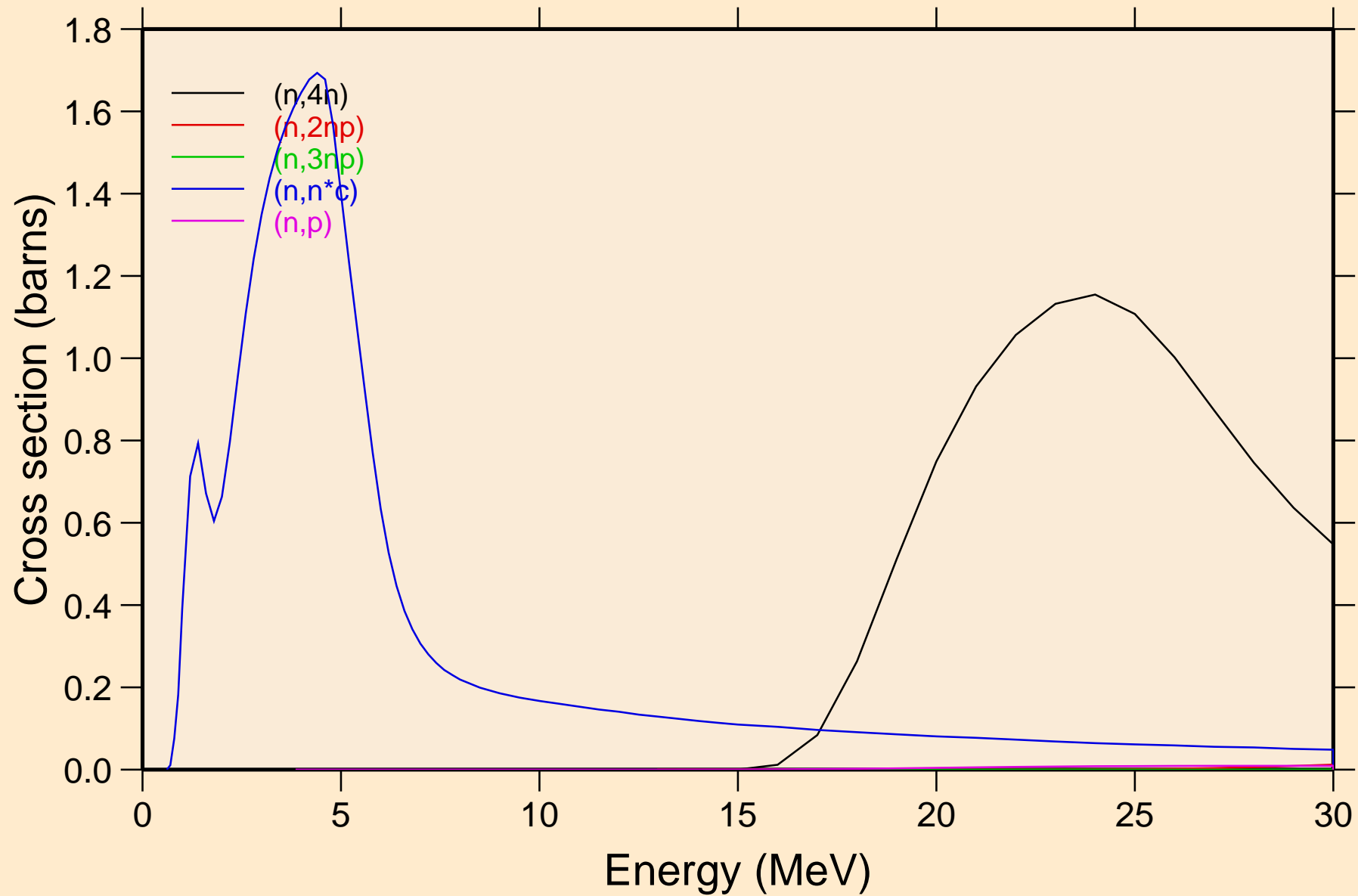
TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



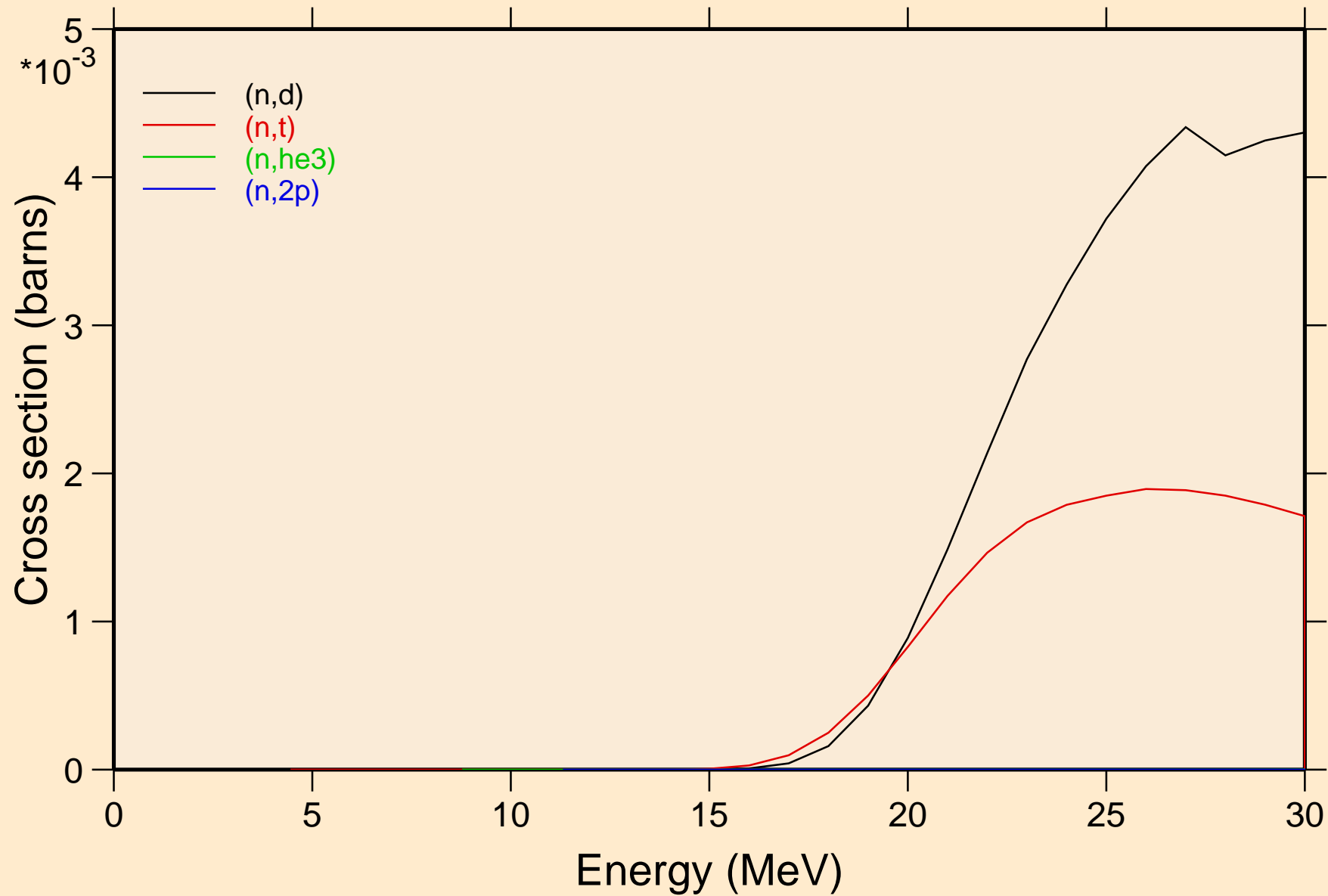
TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



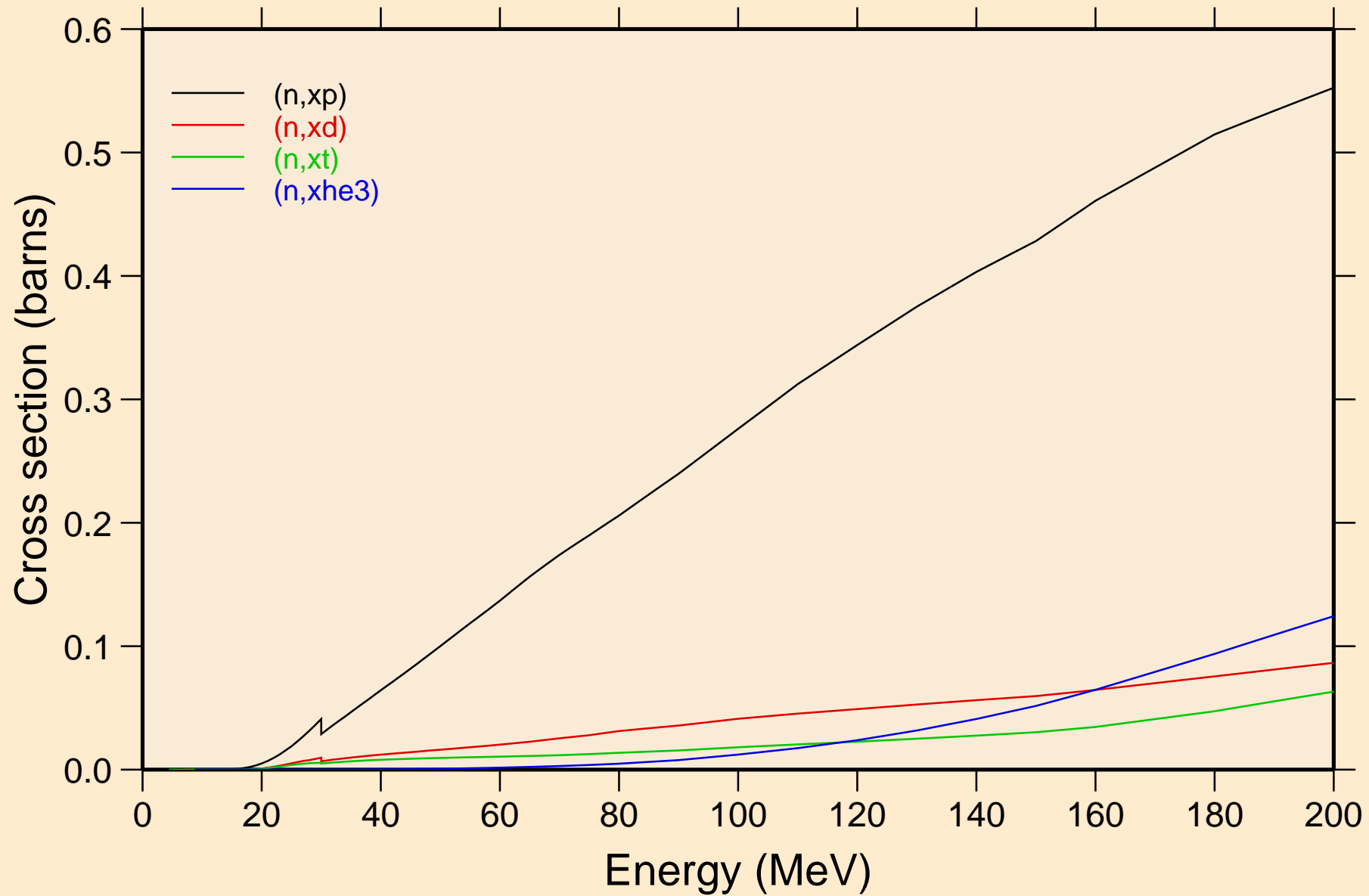
TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

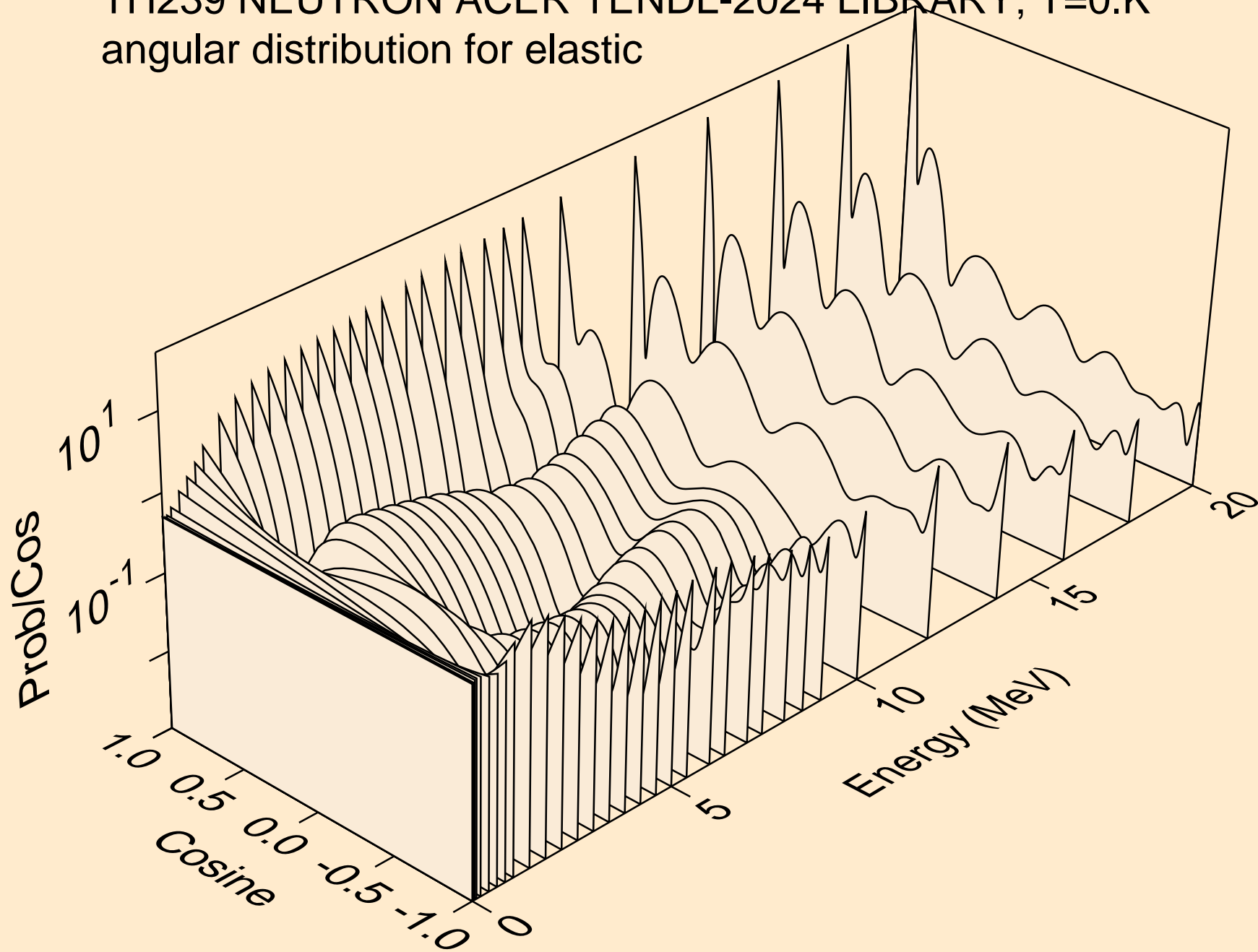


TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

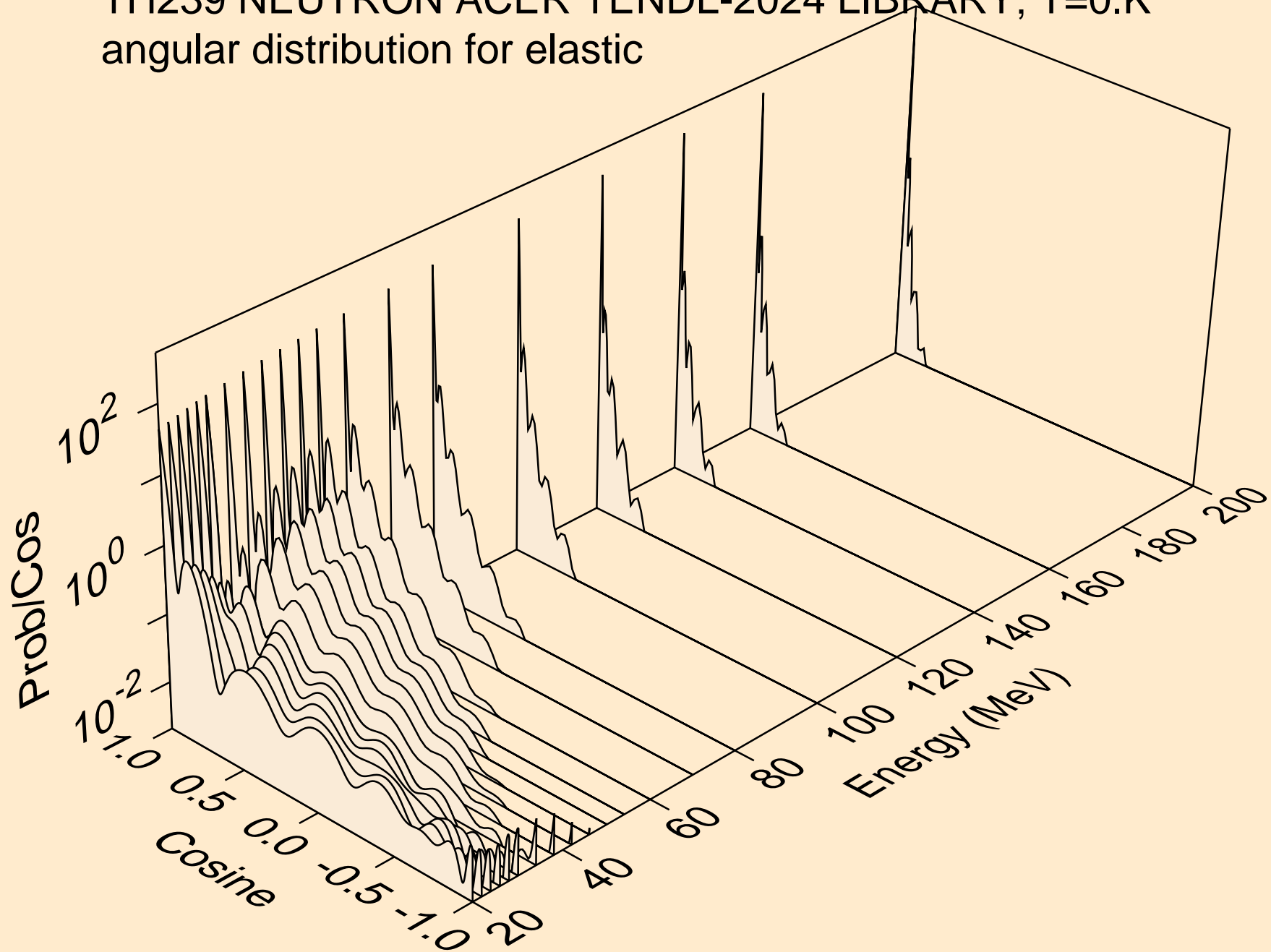




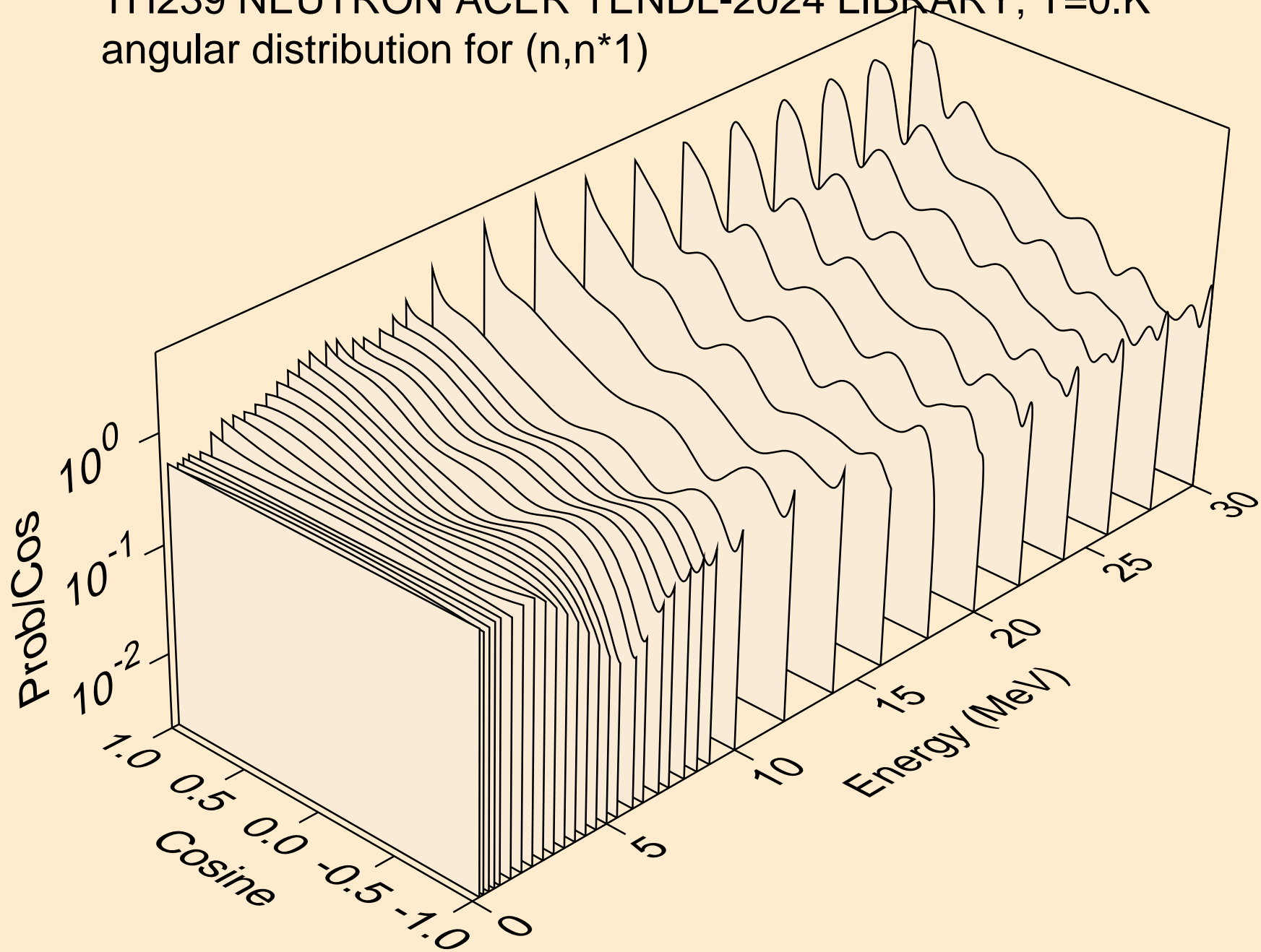
TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



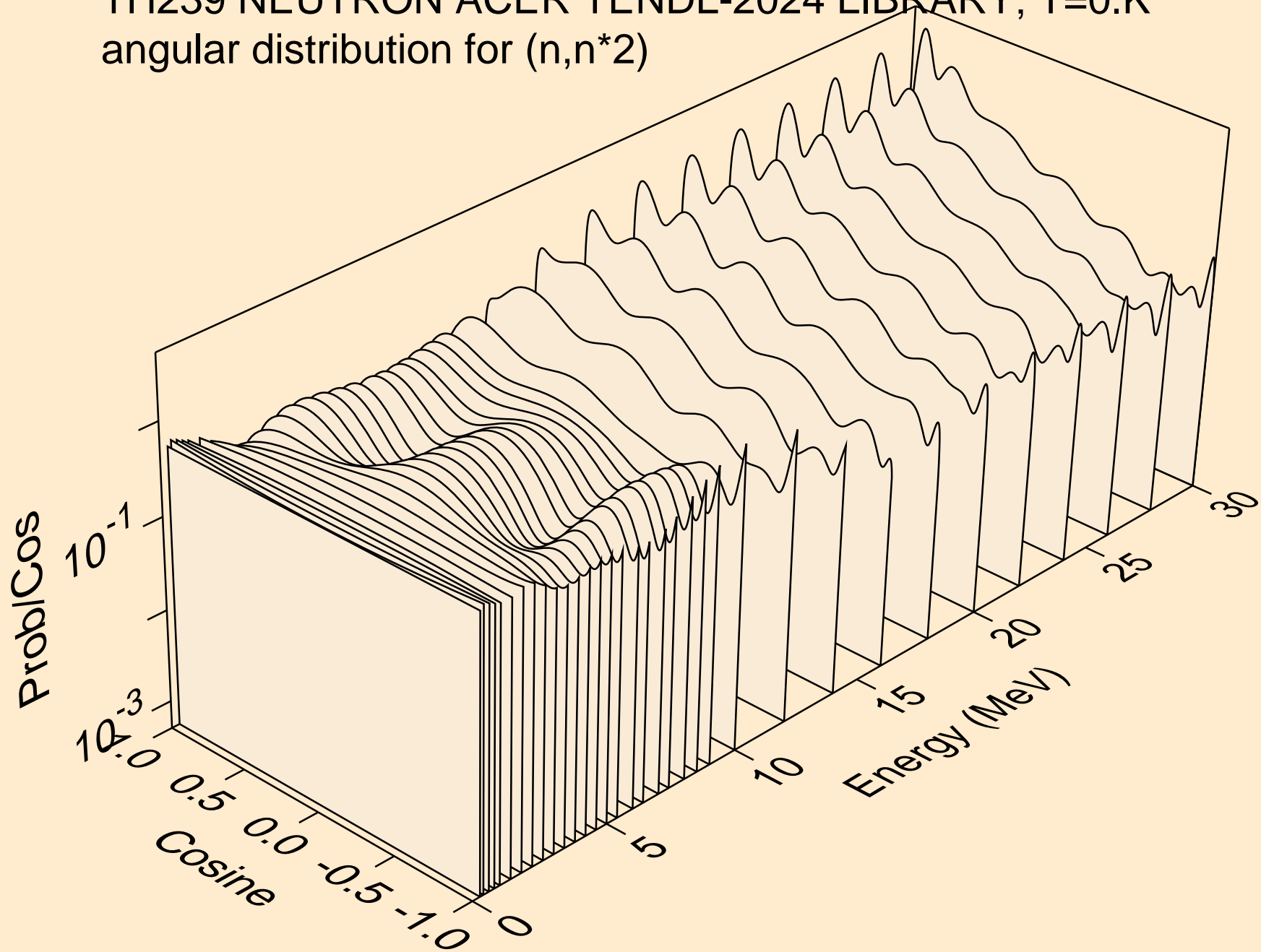
TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



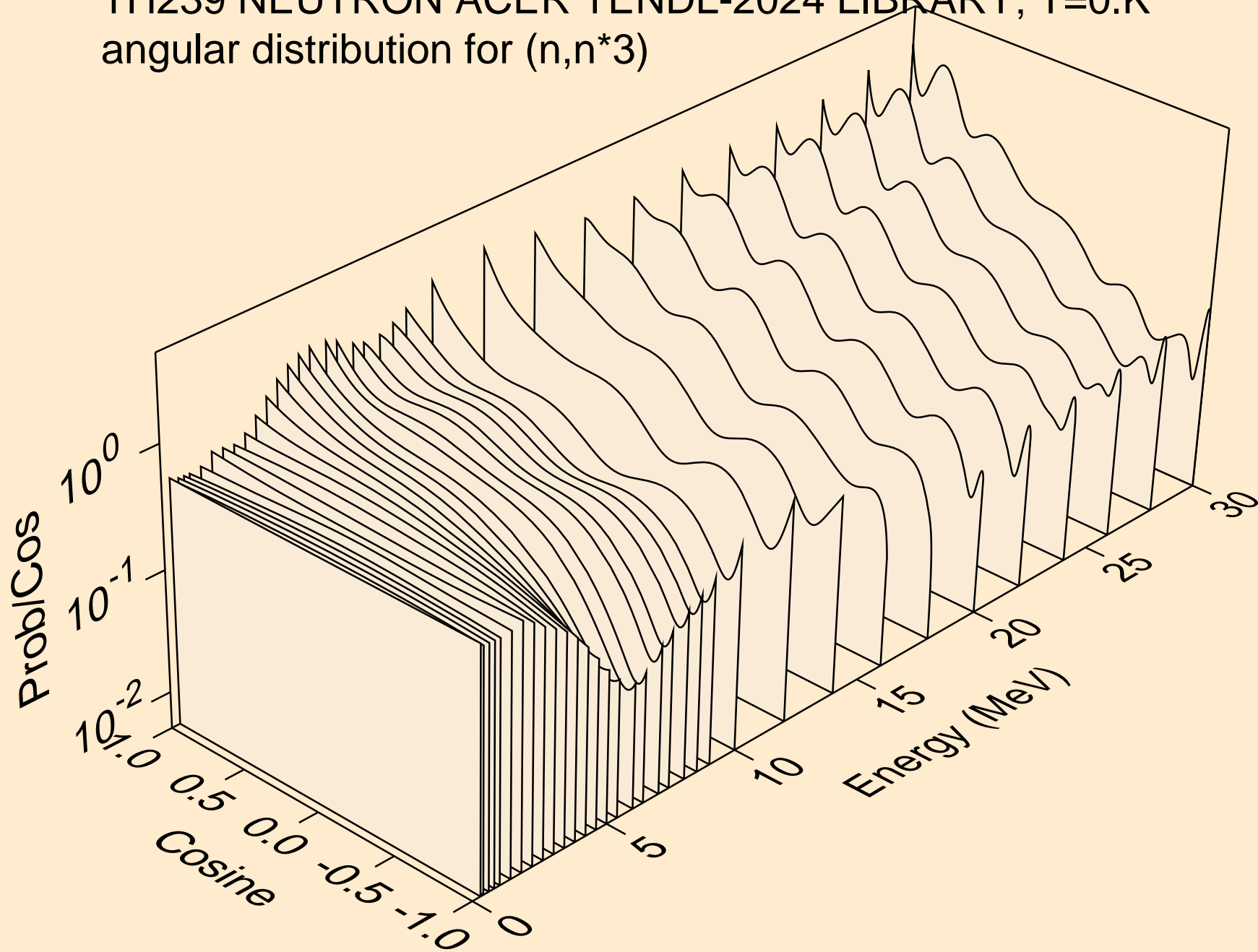
TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



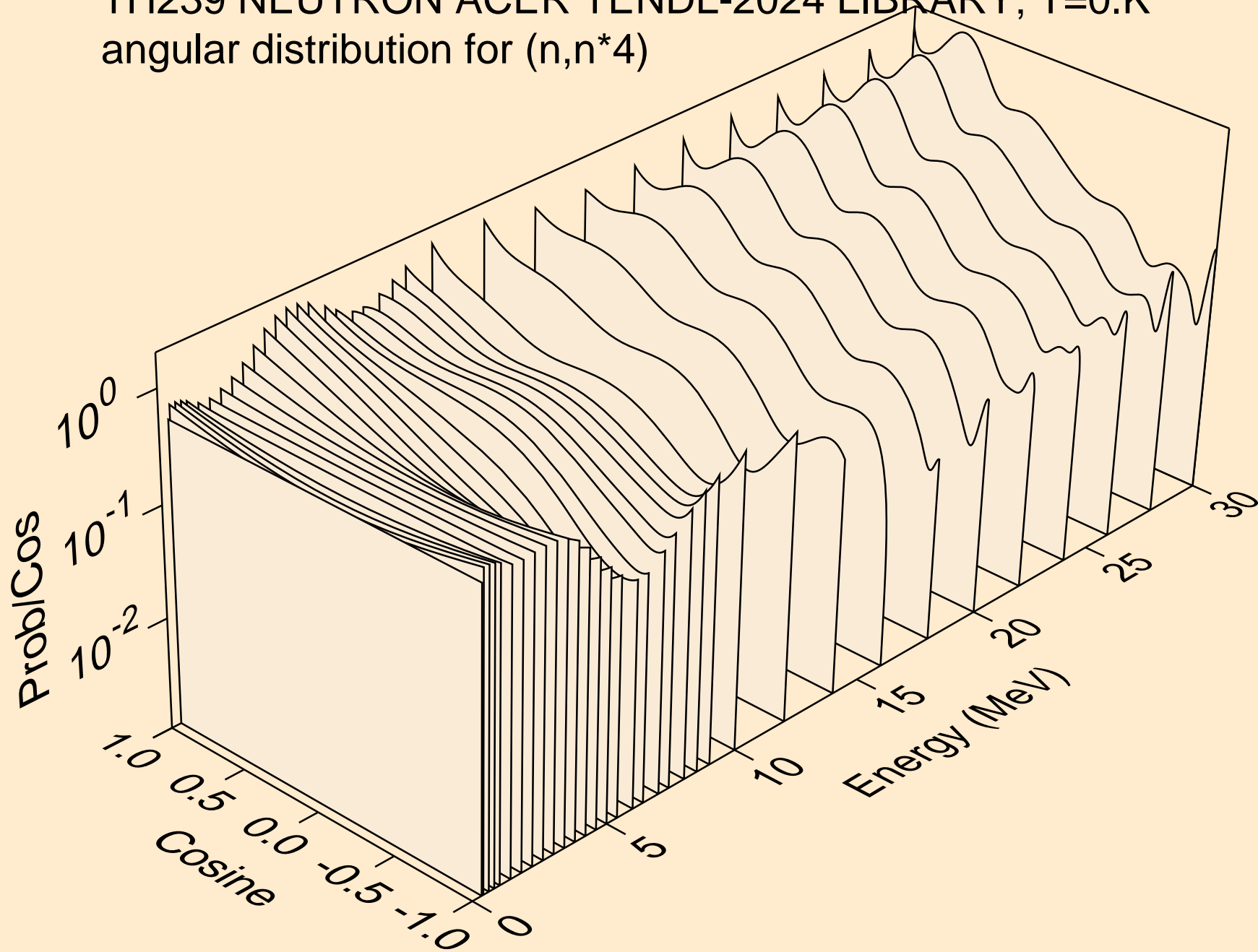
TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



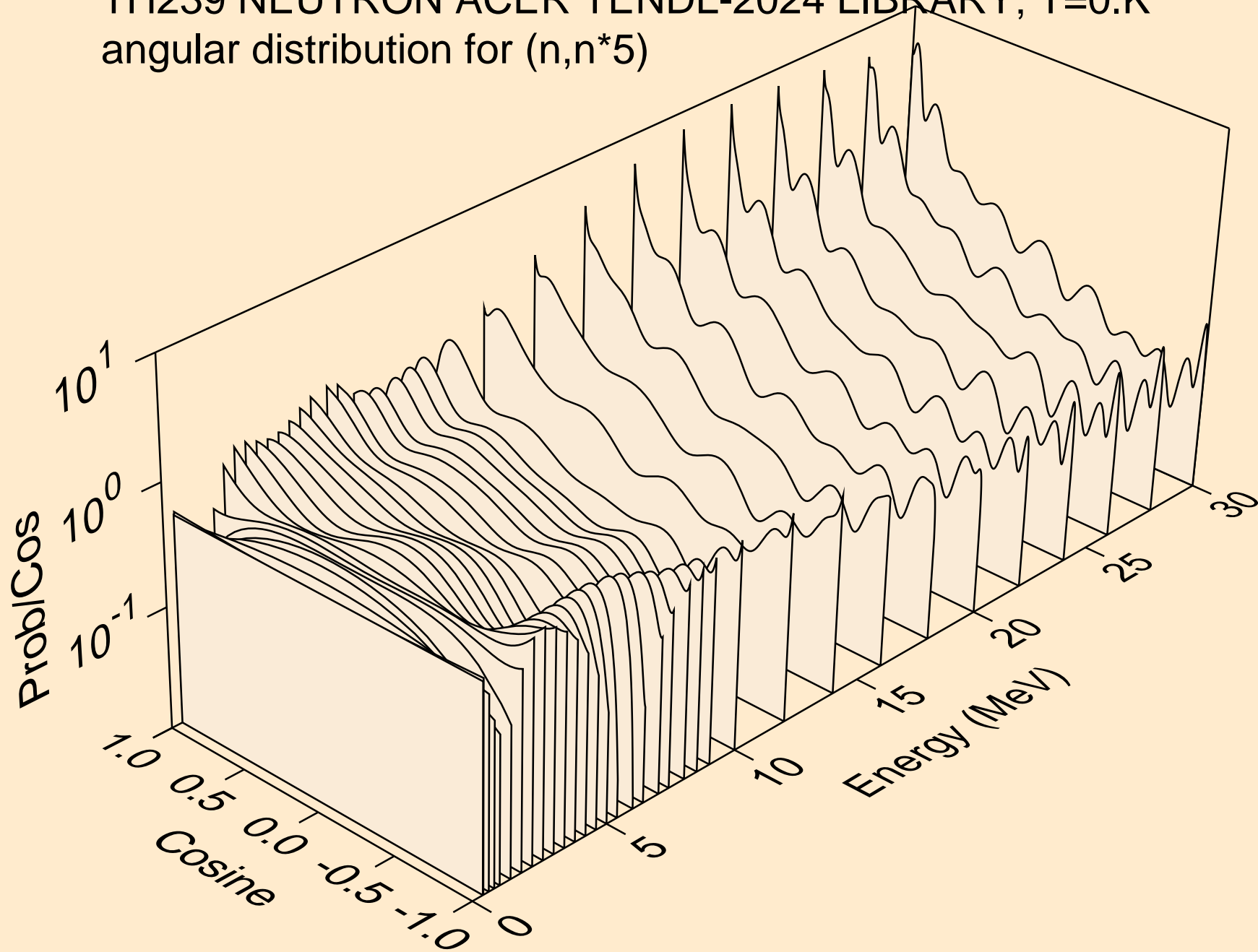
TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



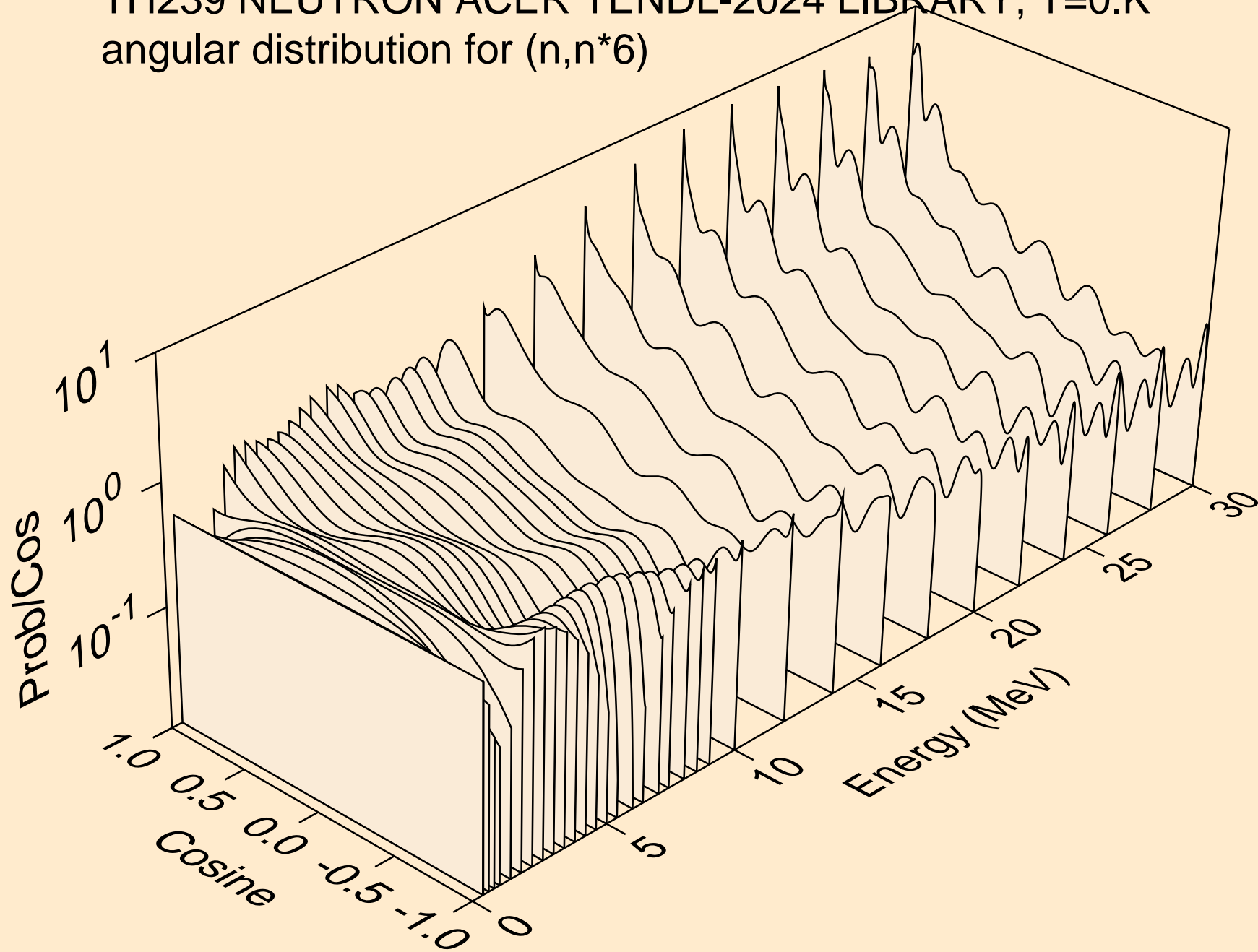
TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)

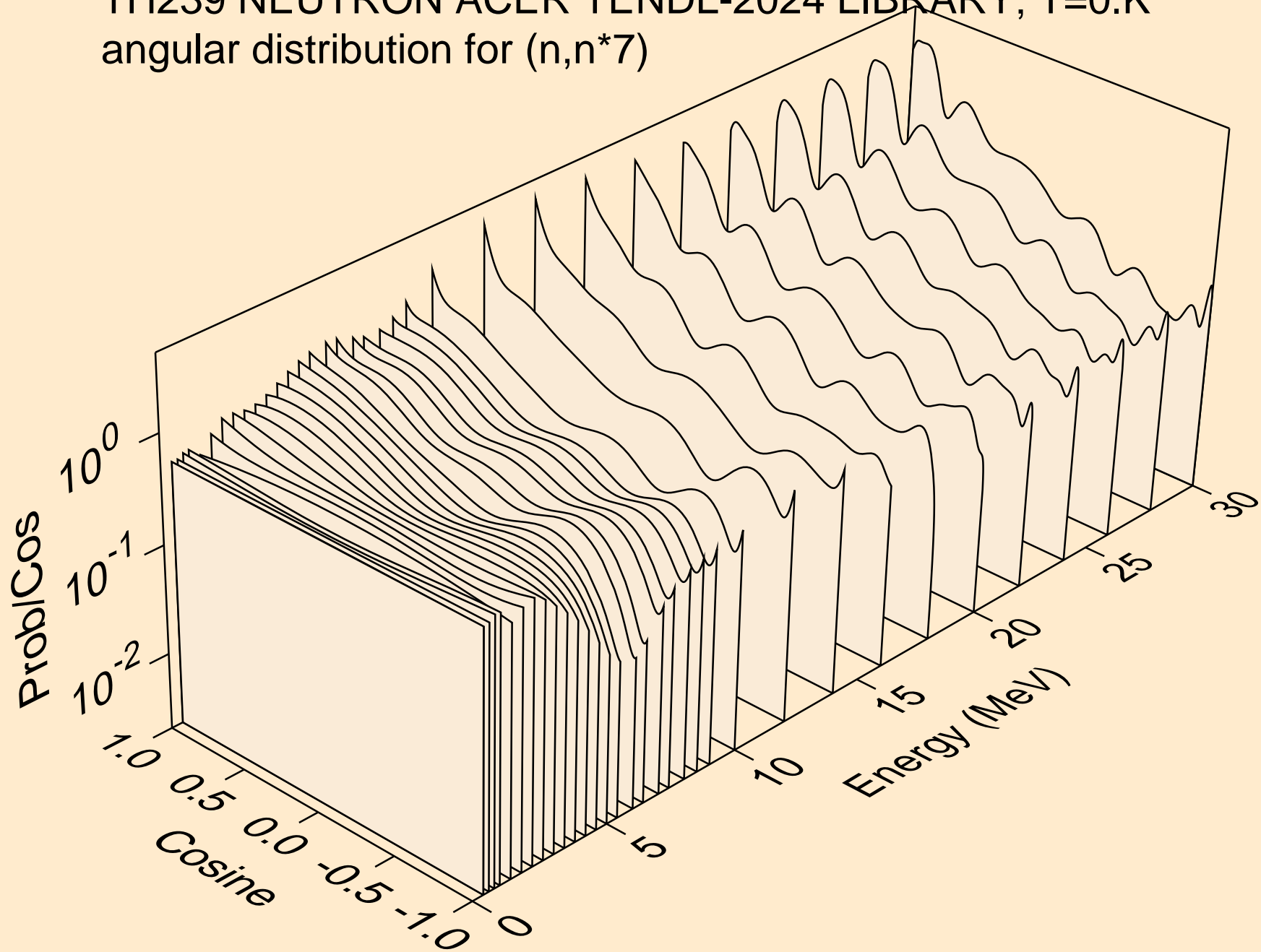


TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)

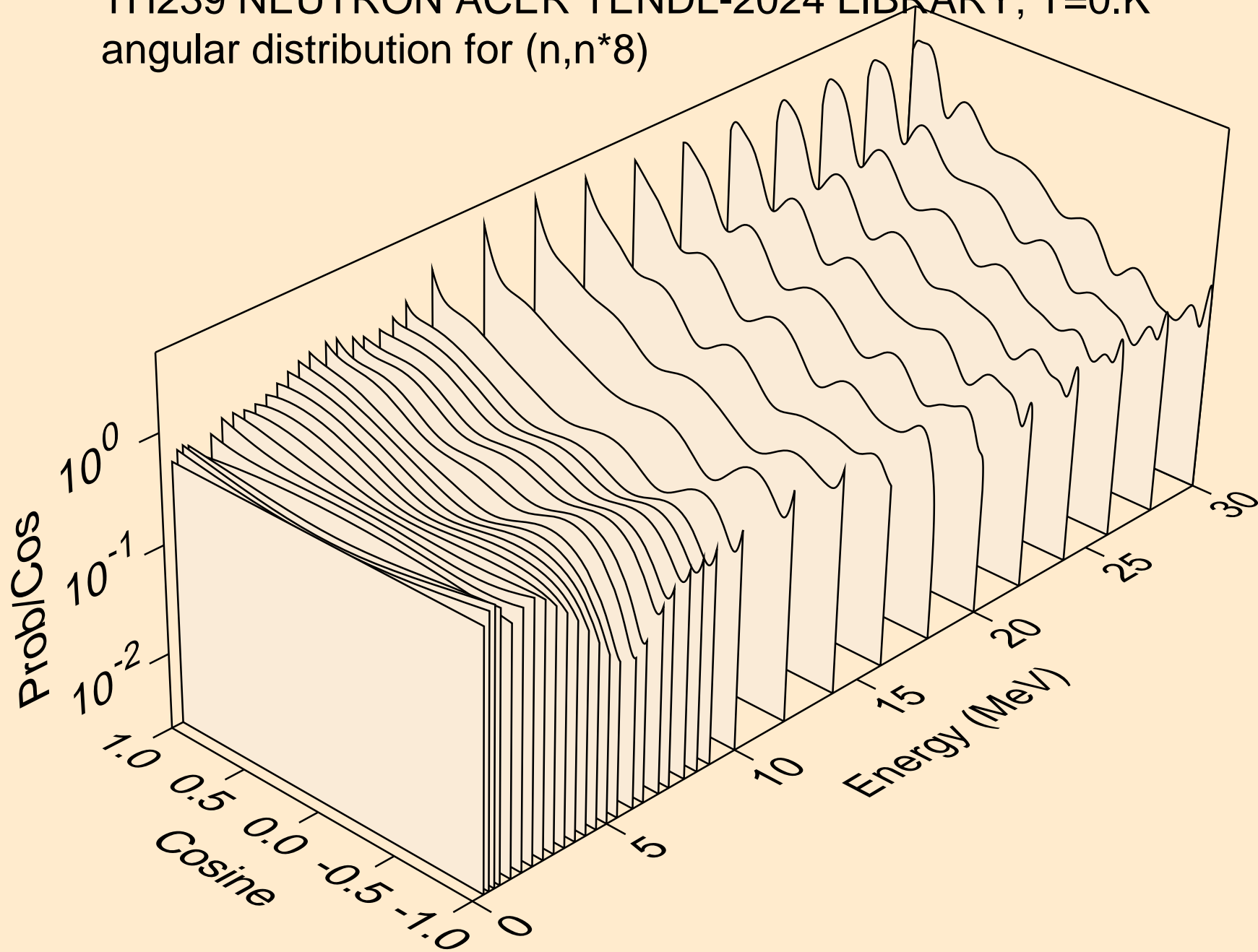




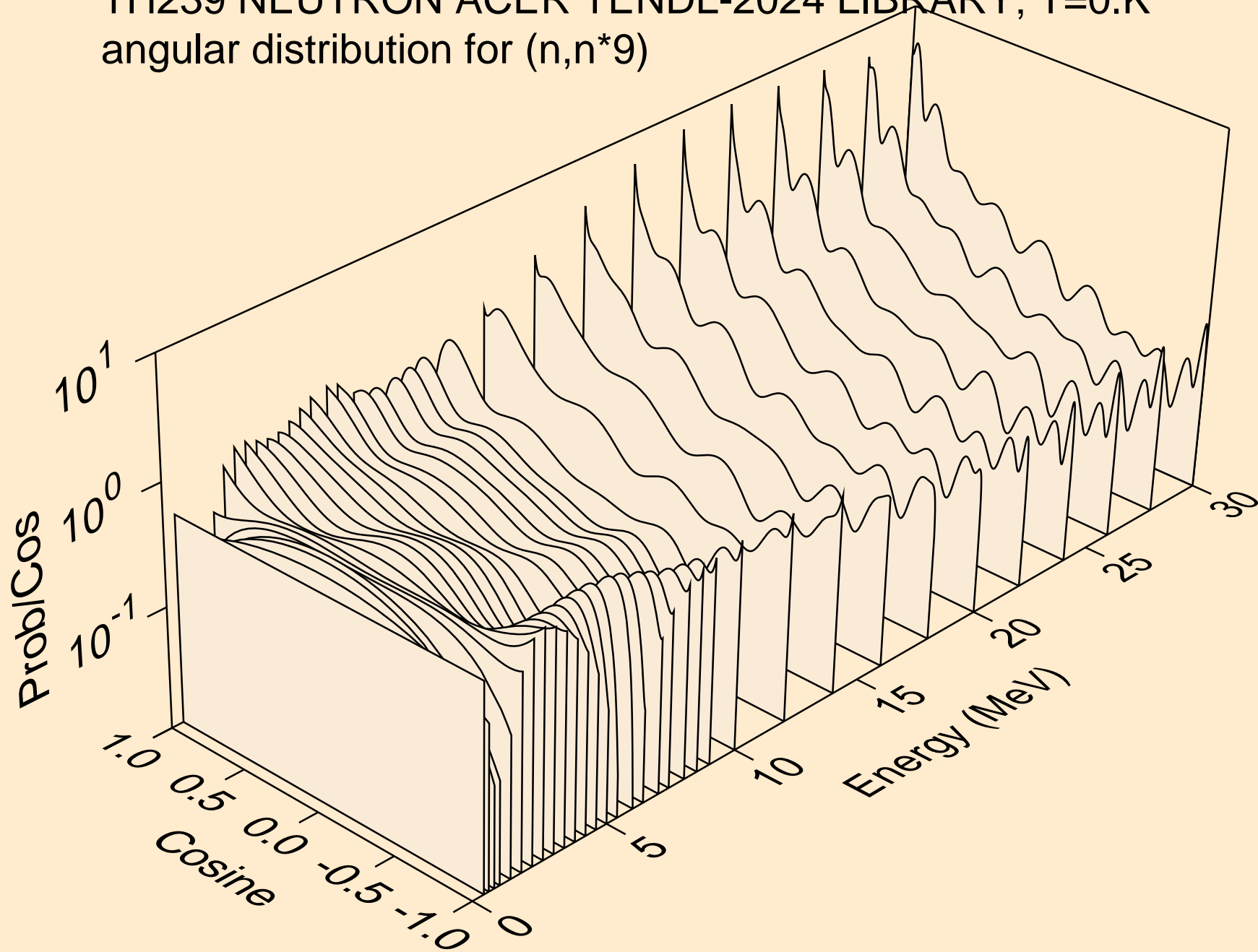
TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



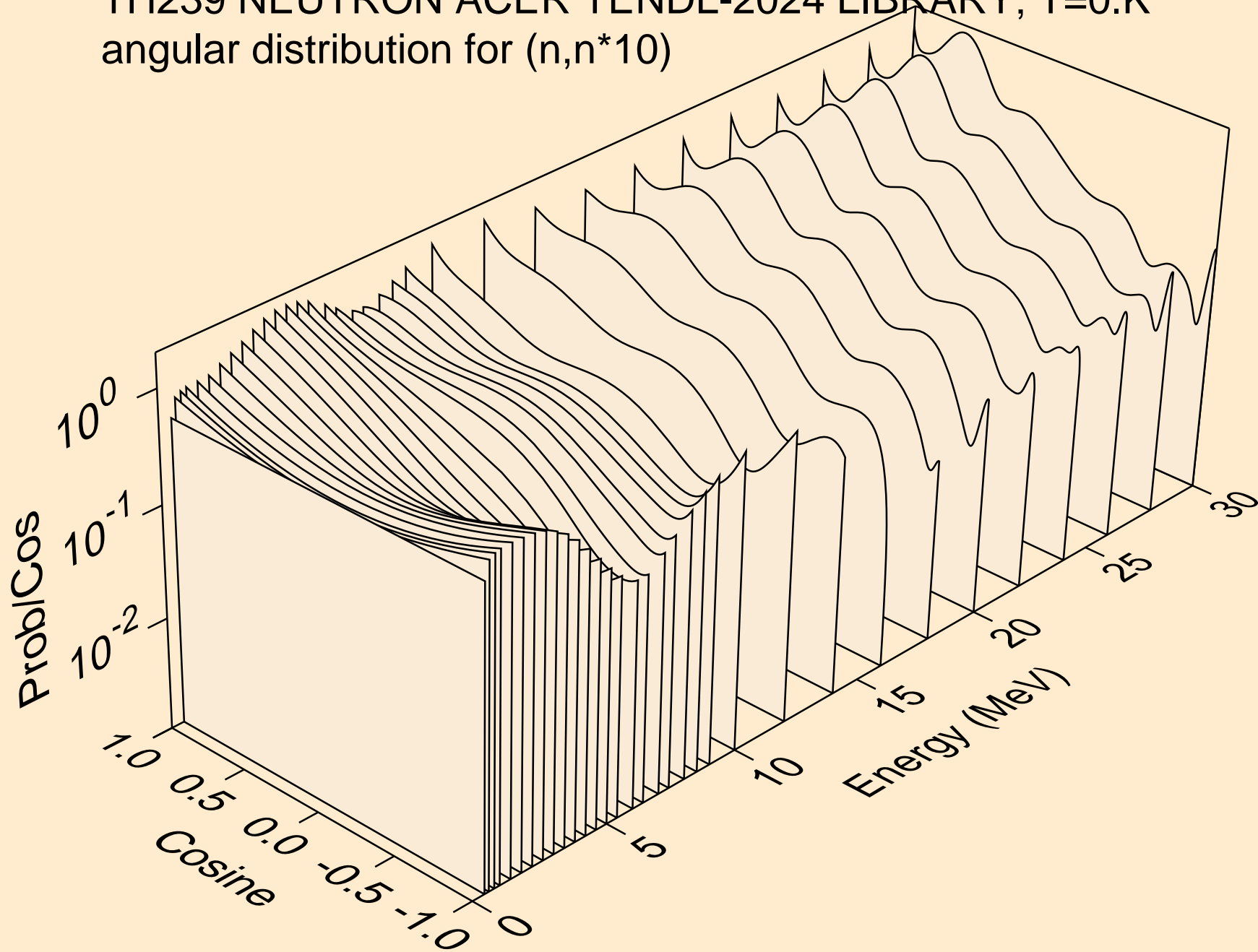
TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



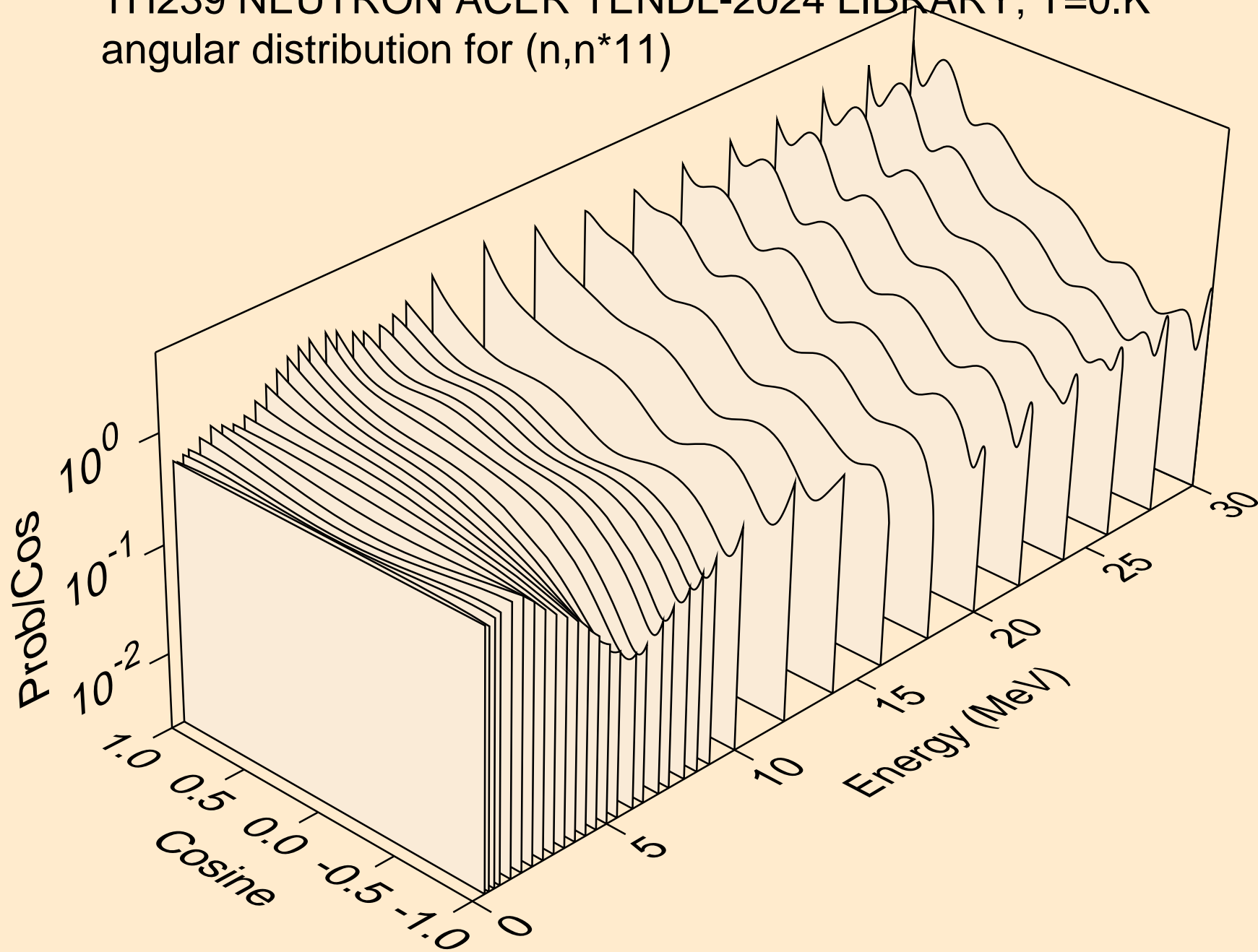
TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



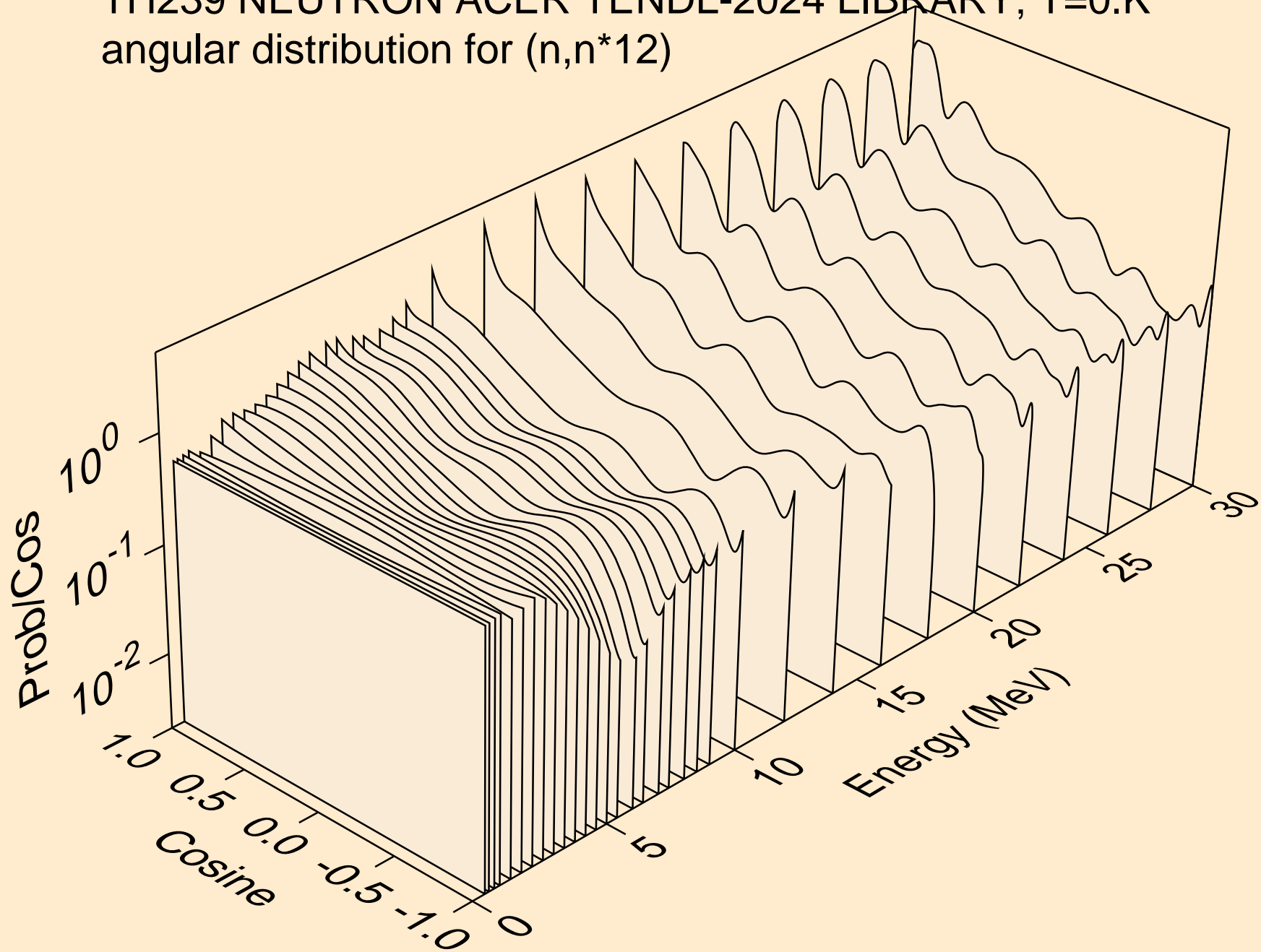
TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



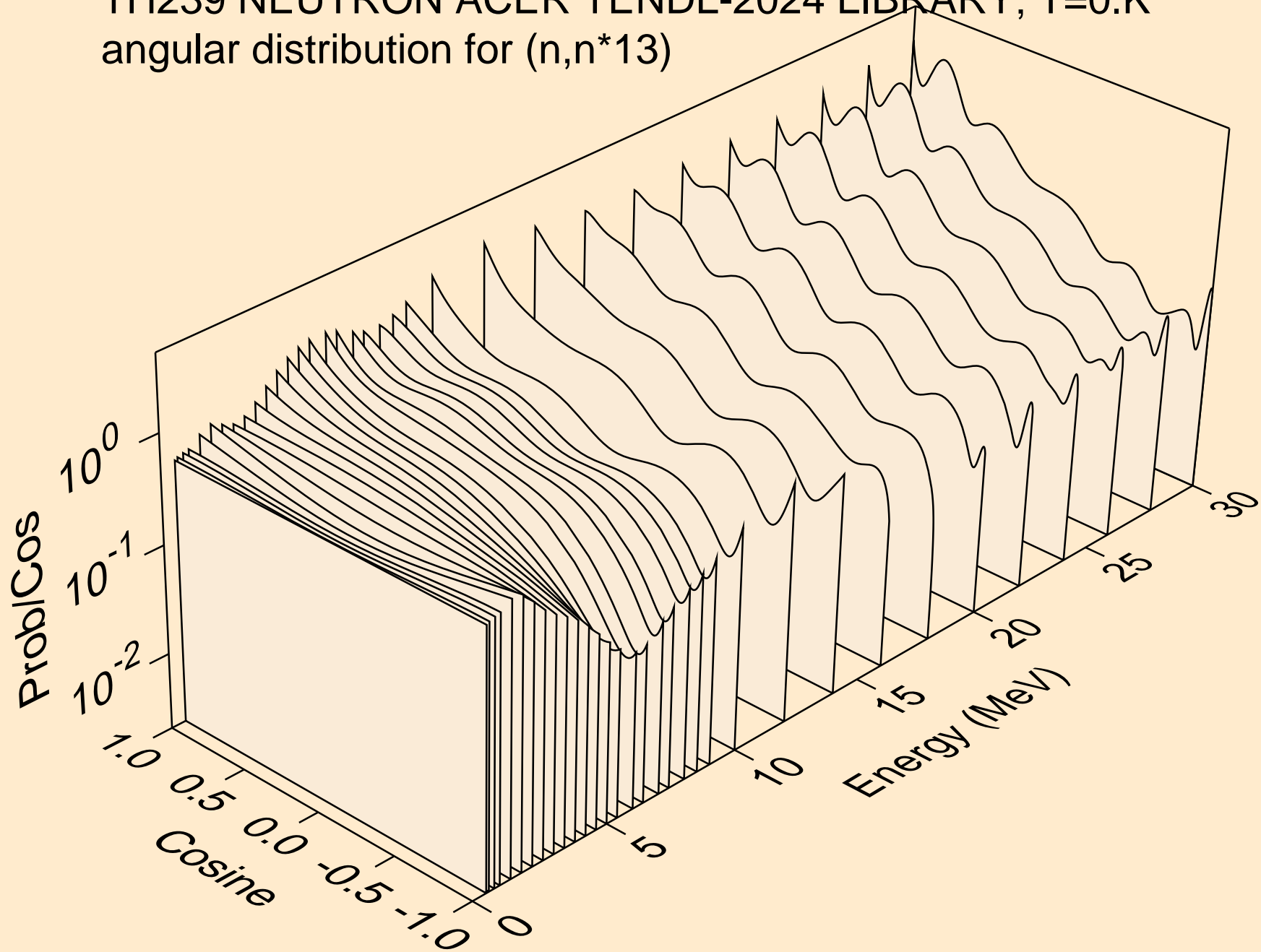
TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)

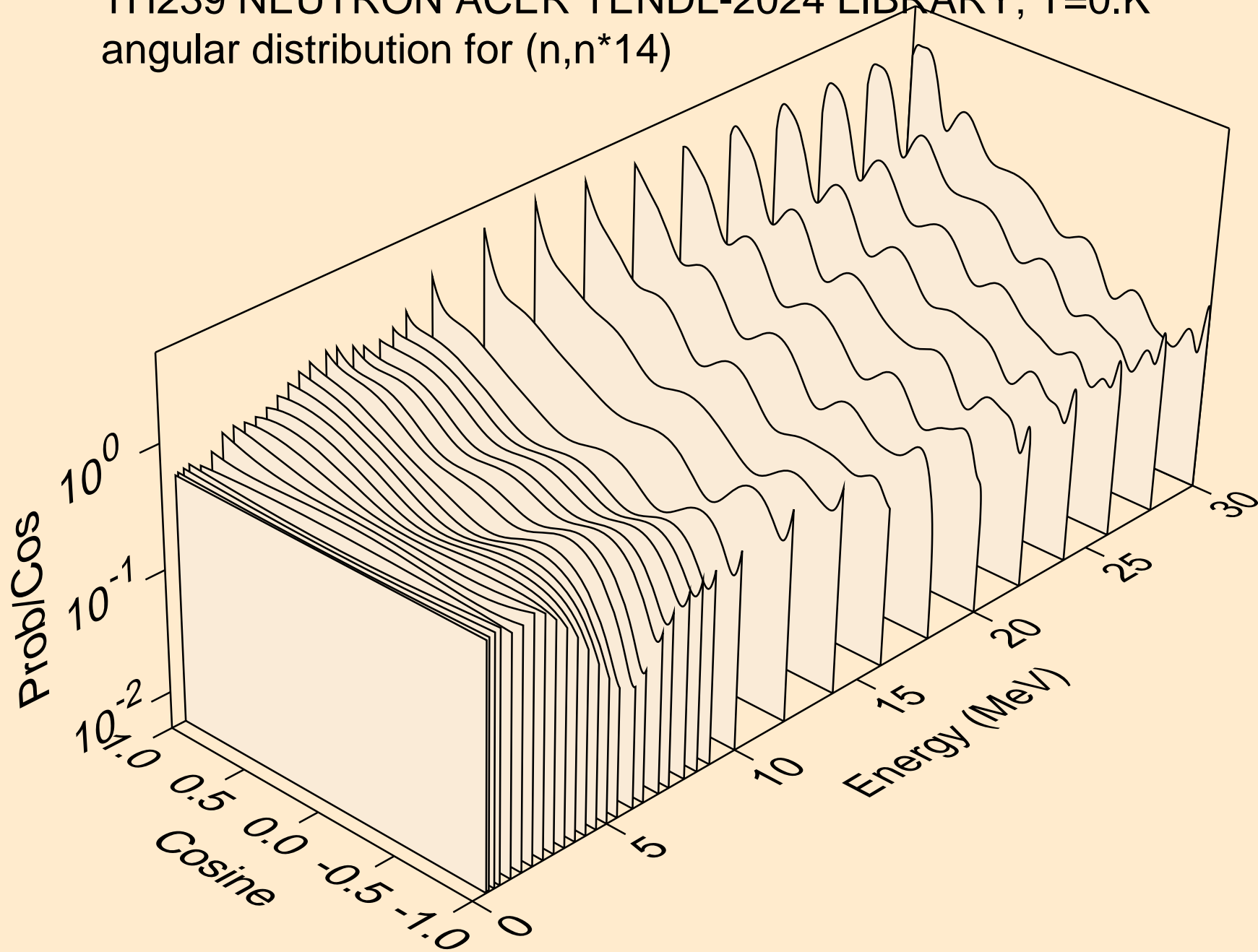


TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



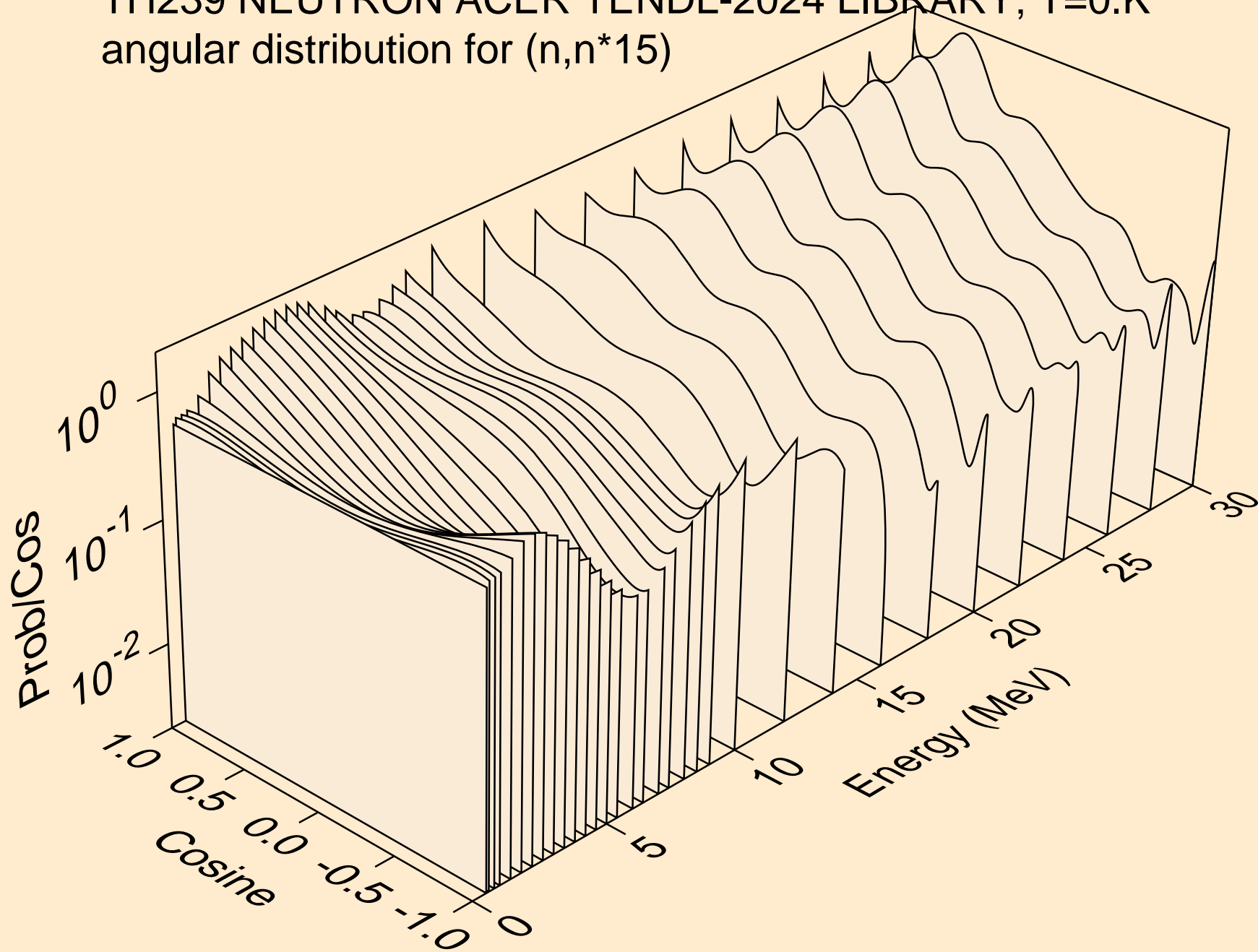


TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*14)

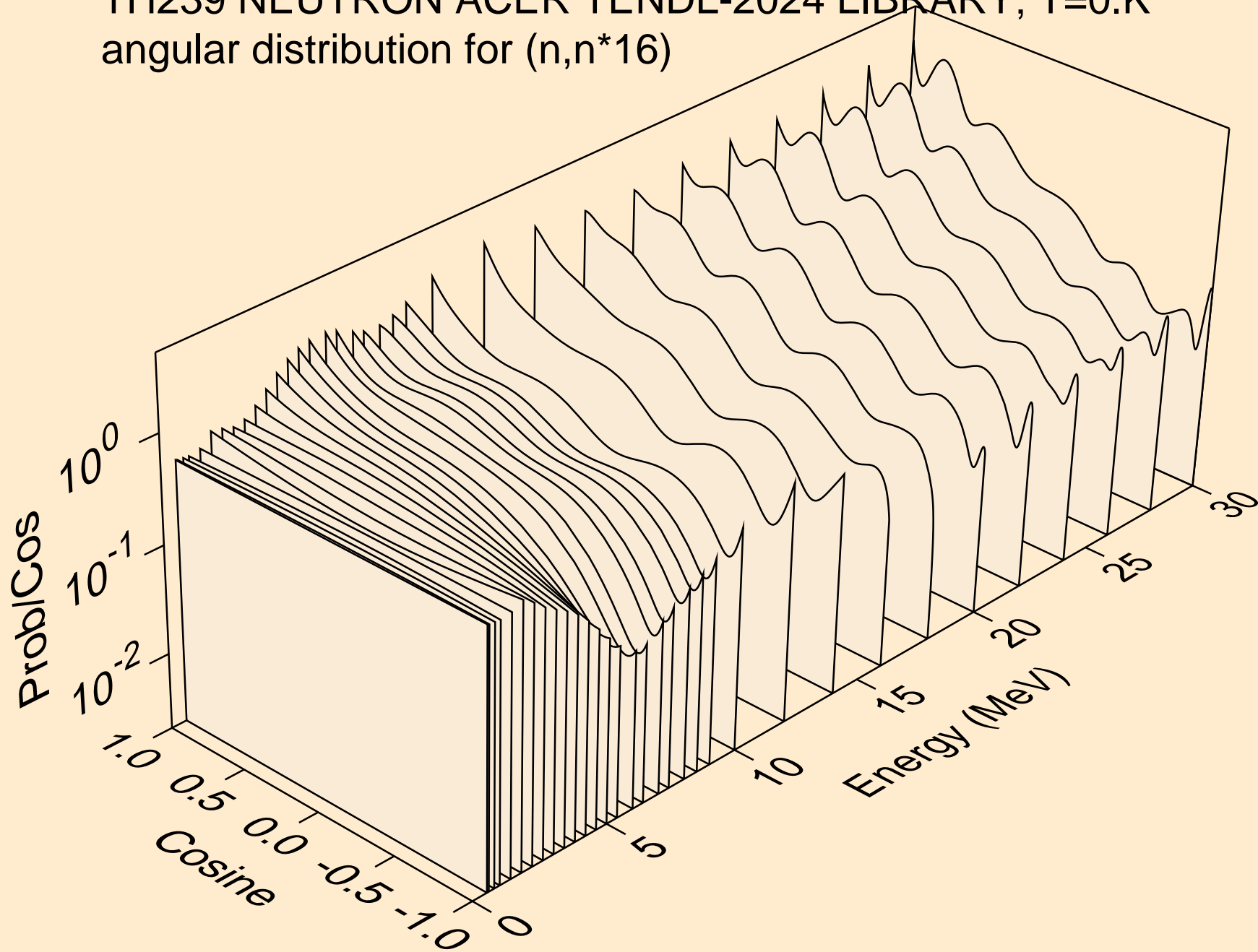




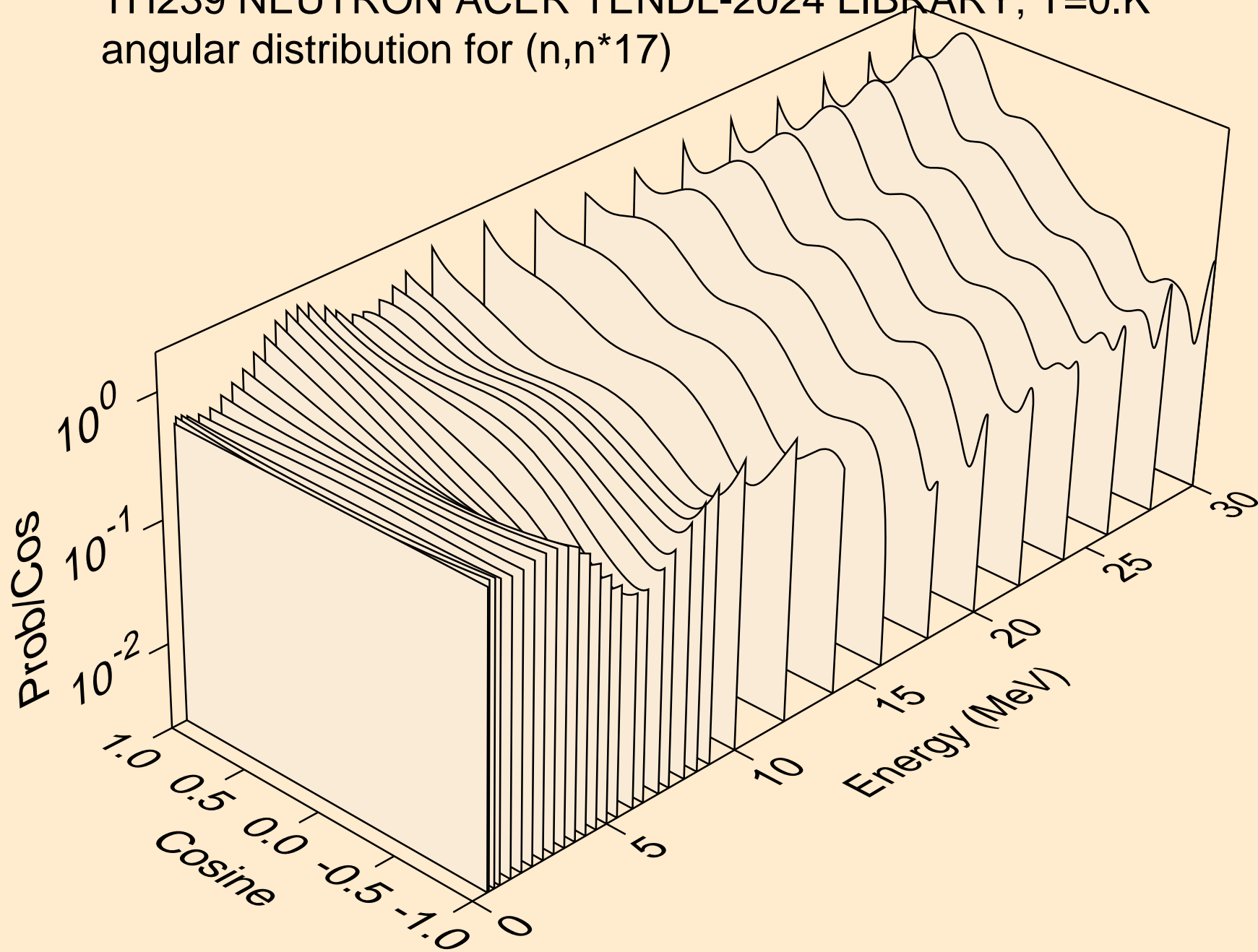
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angular distribution for (n,n\*15)



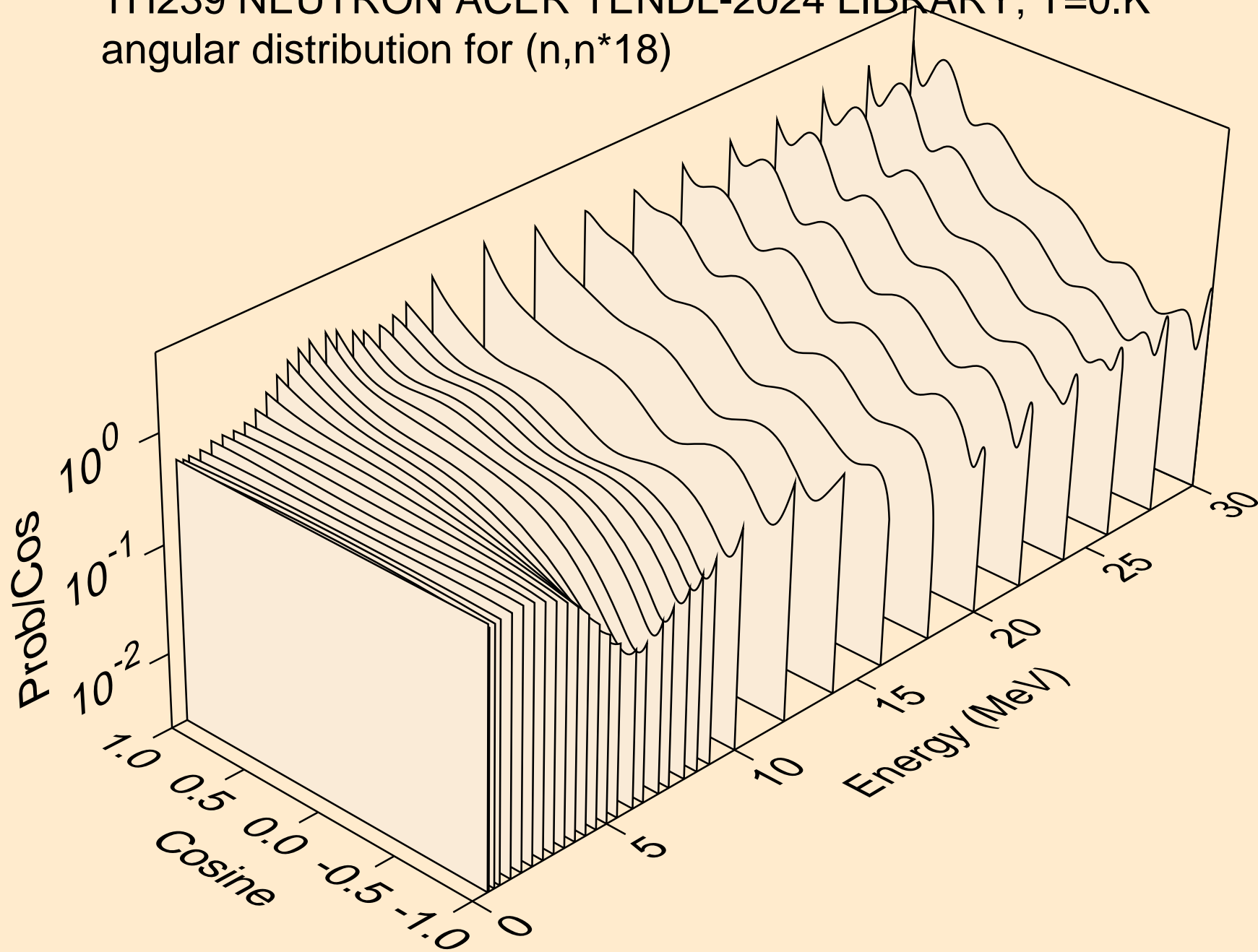
TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



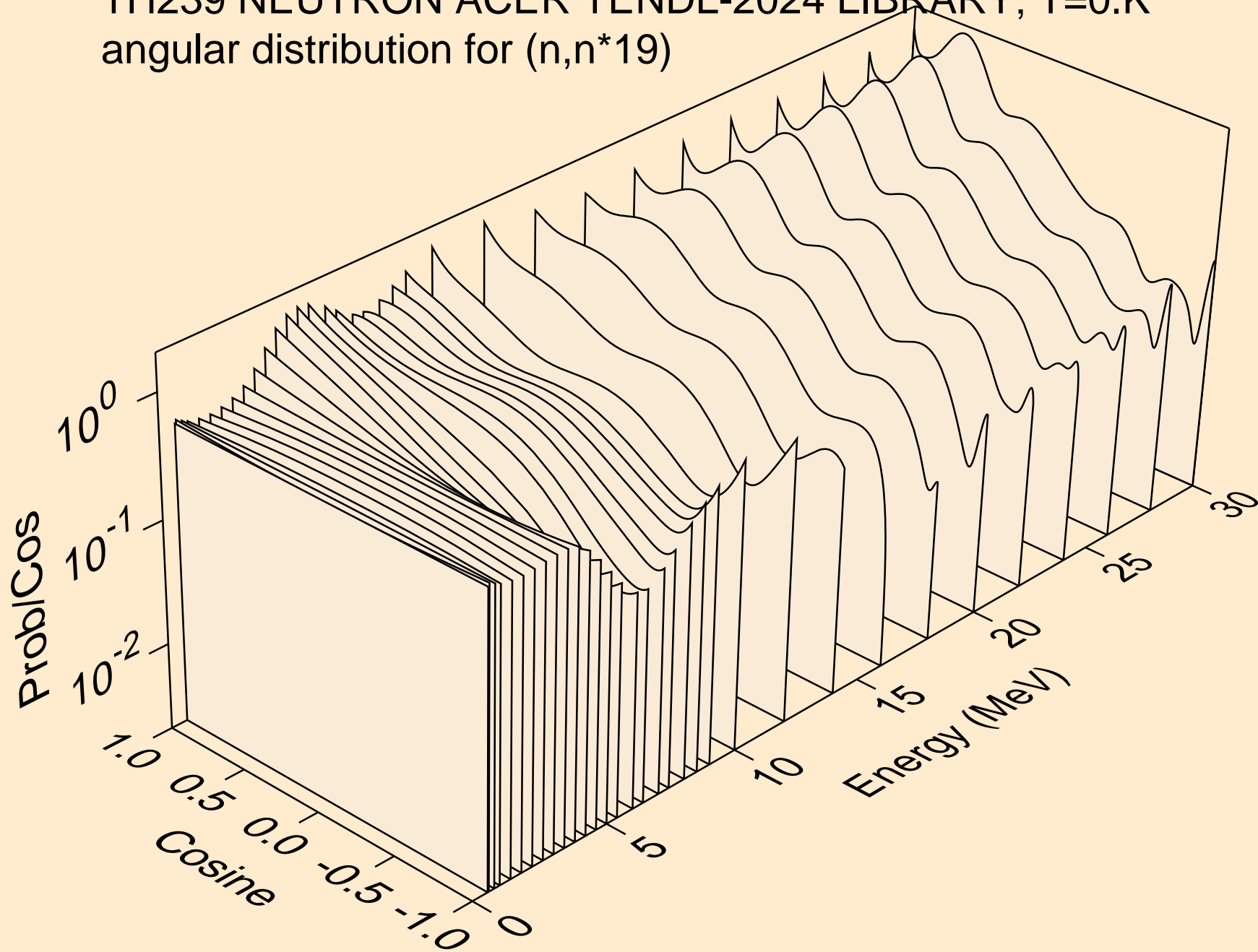
TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



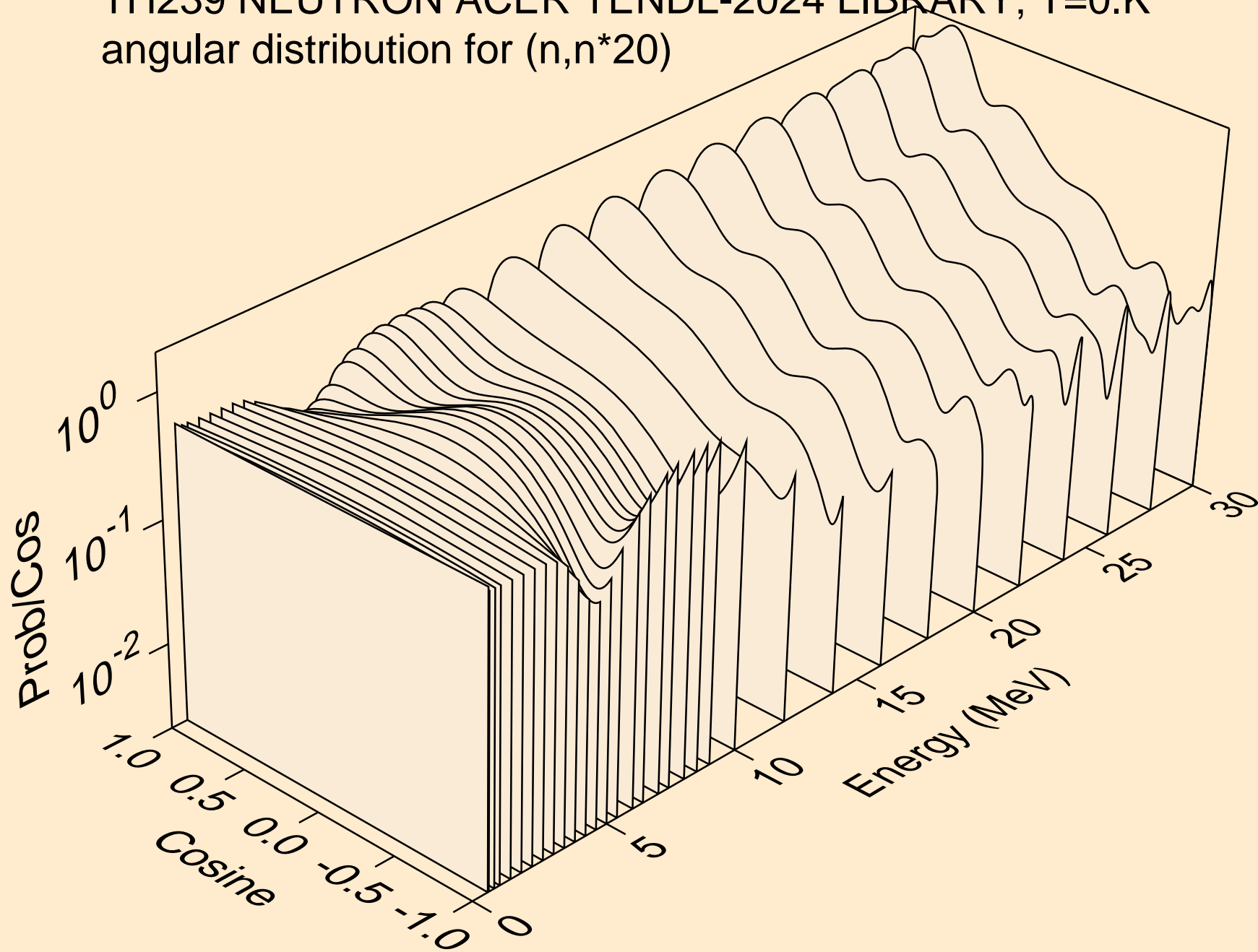
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angular distribution for (n,n\*18)



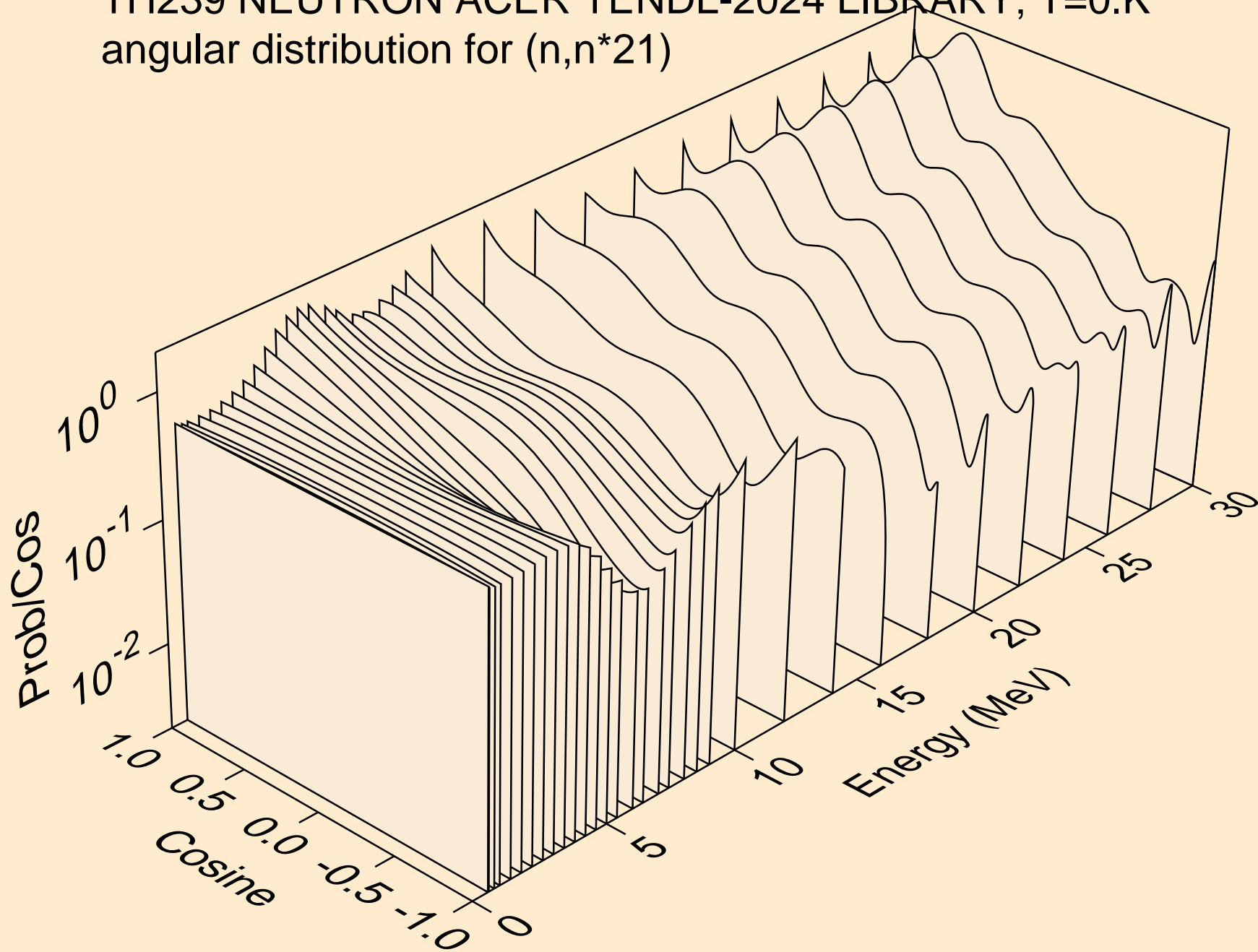
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angular distribution for (n,n\*19)



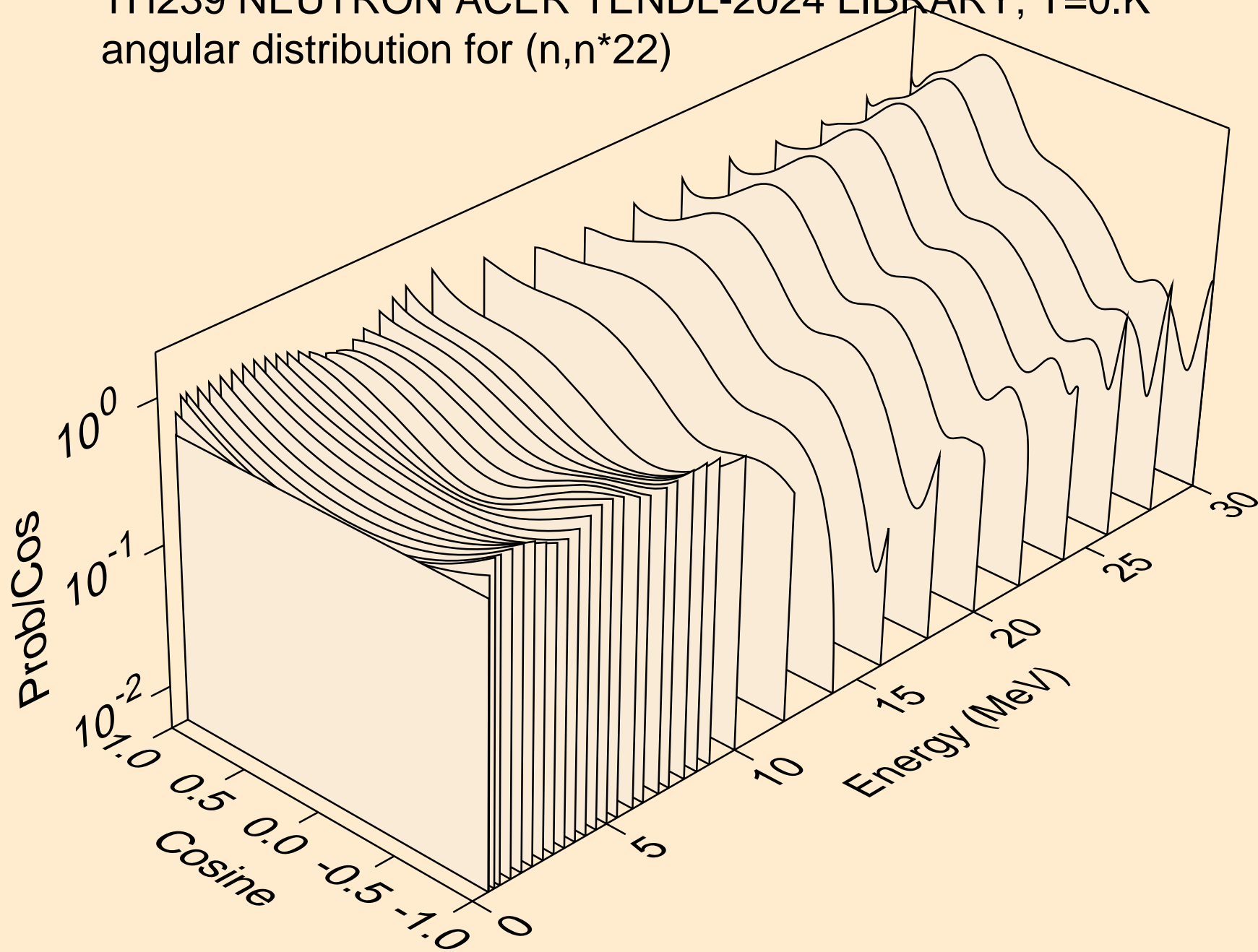
TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*21)

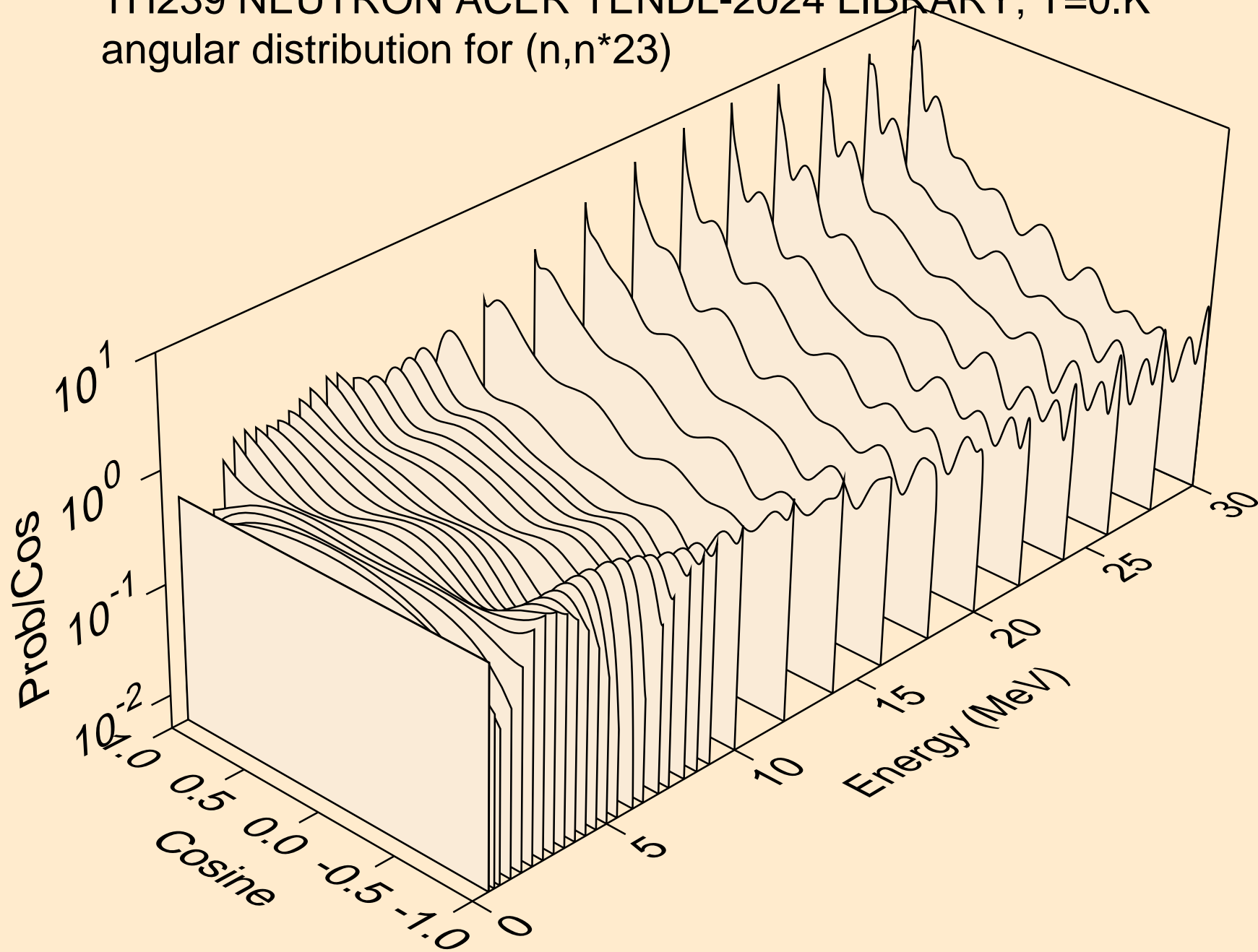


TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*22)

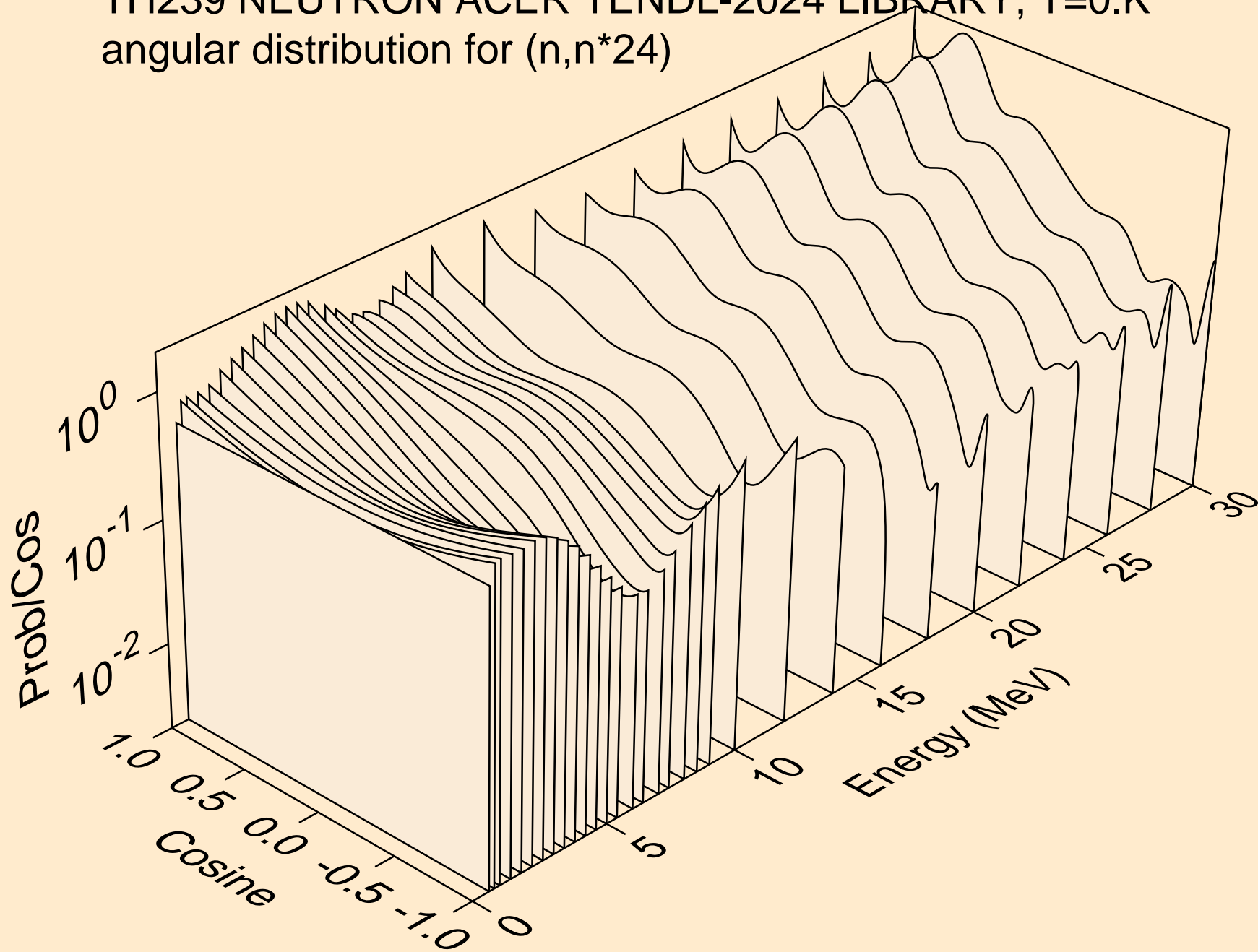




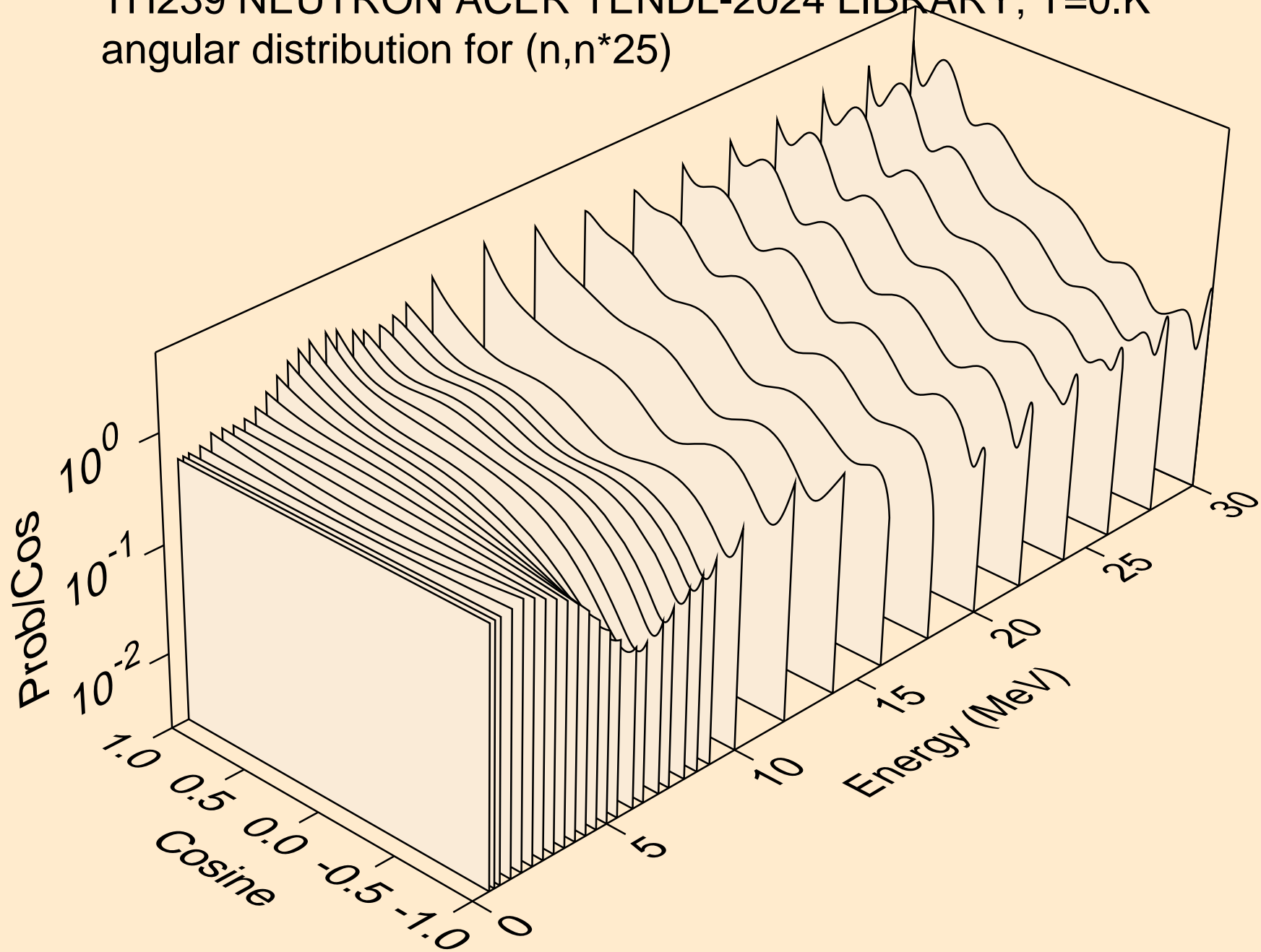
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angular distribution for (n,n\*23)



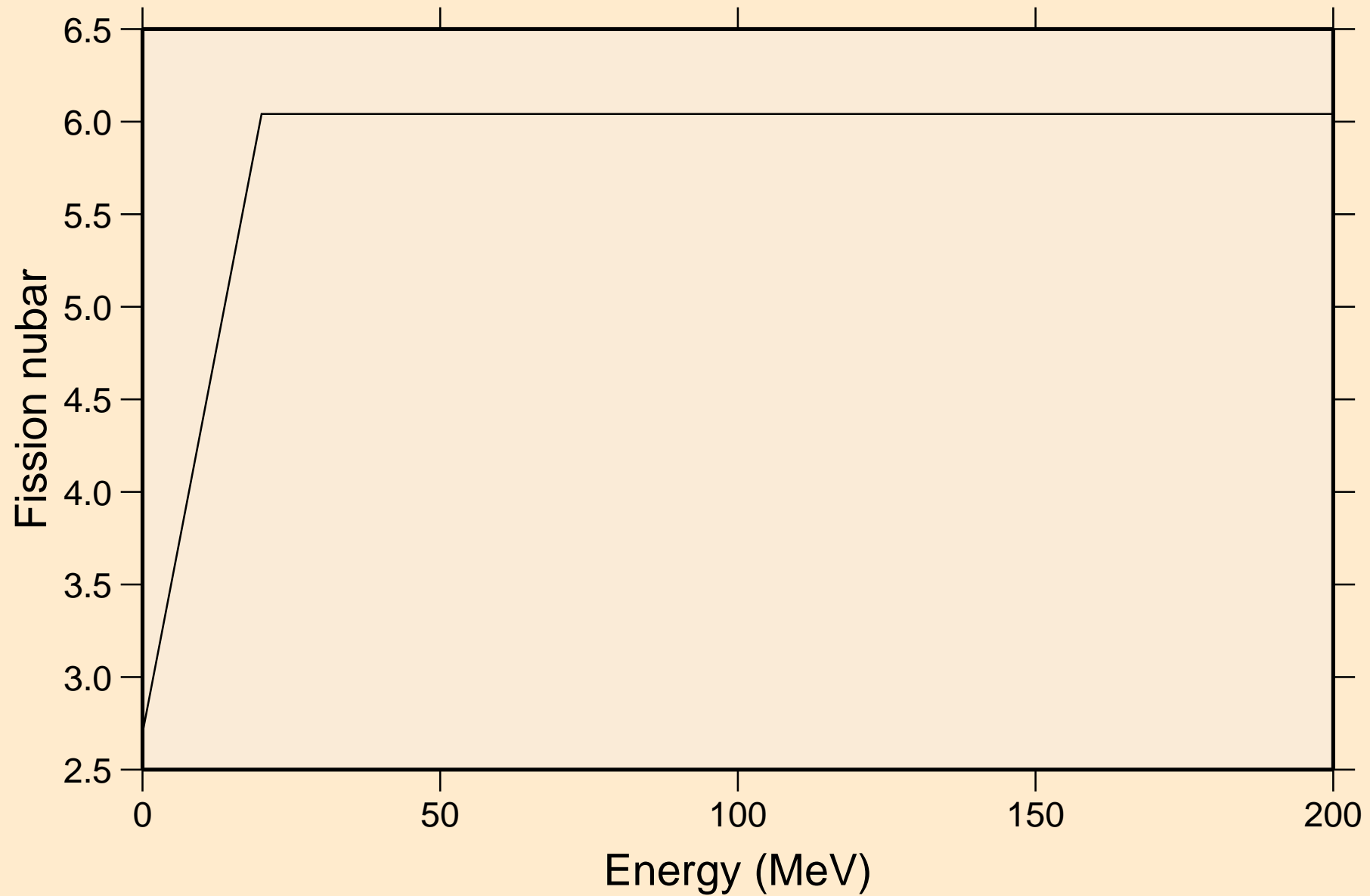
TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*24)



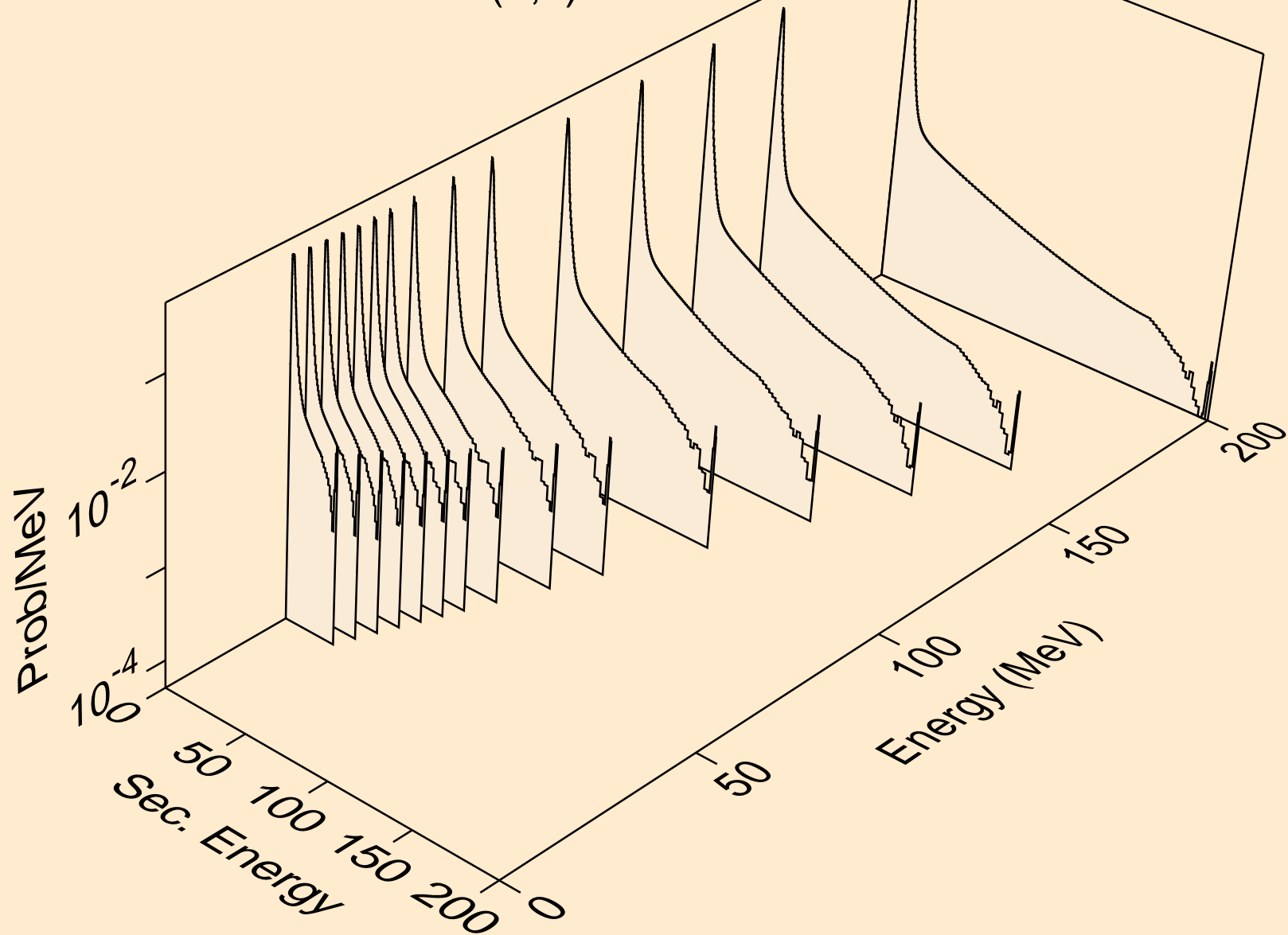
TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



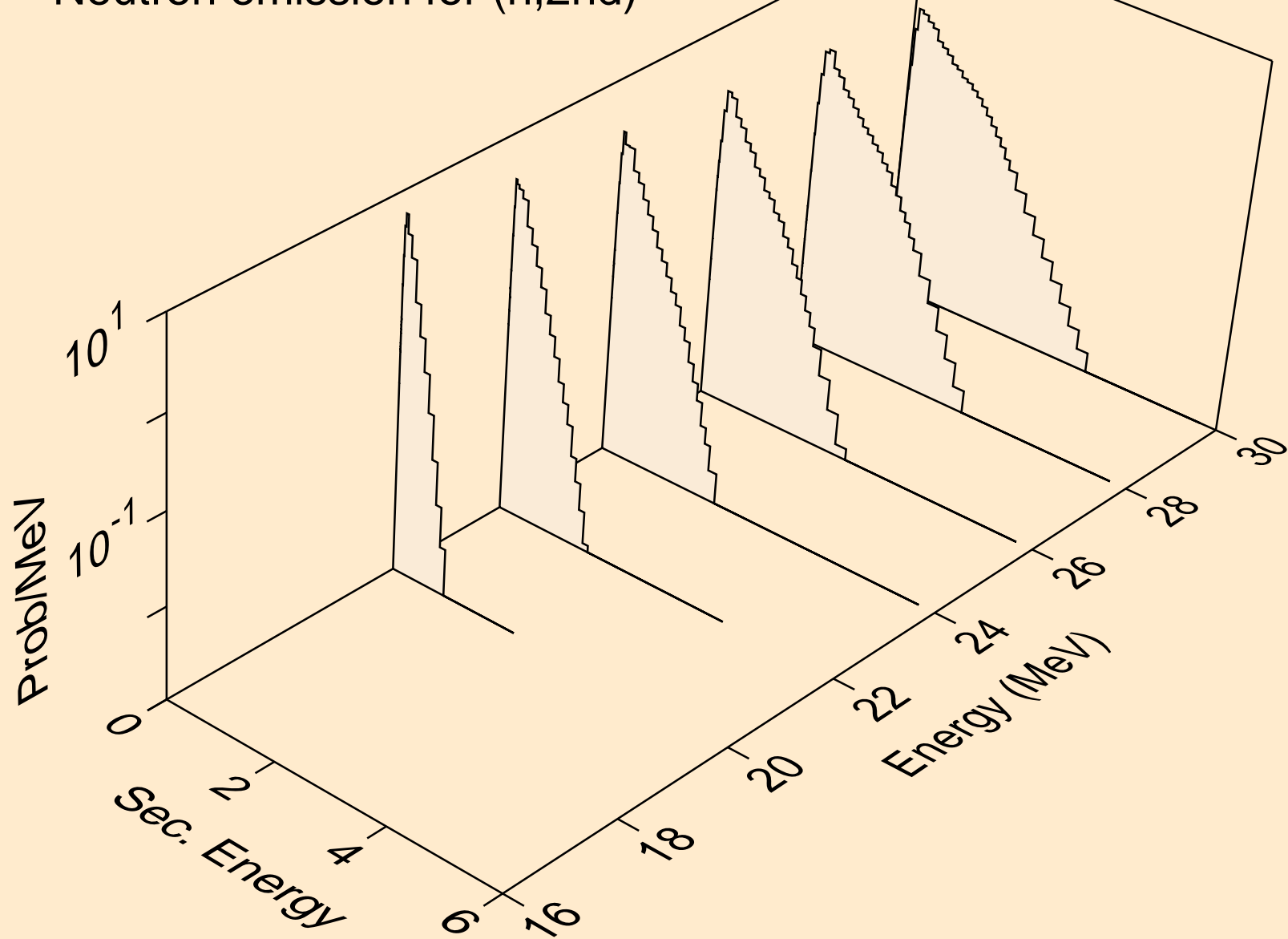
TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Total fission nubar



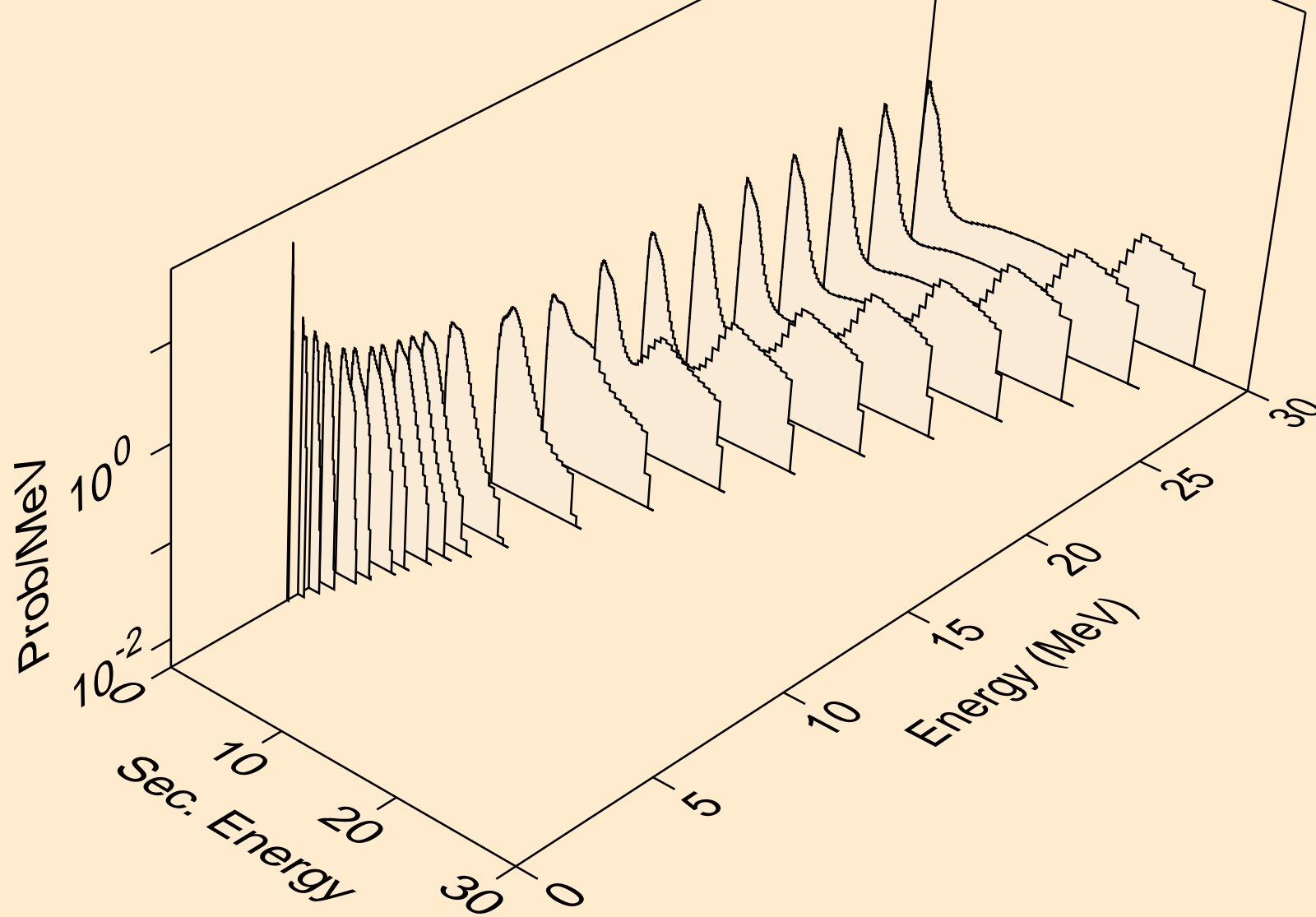
TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



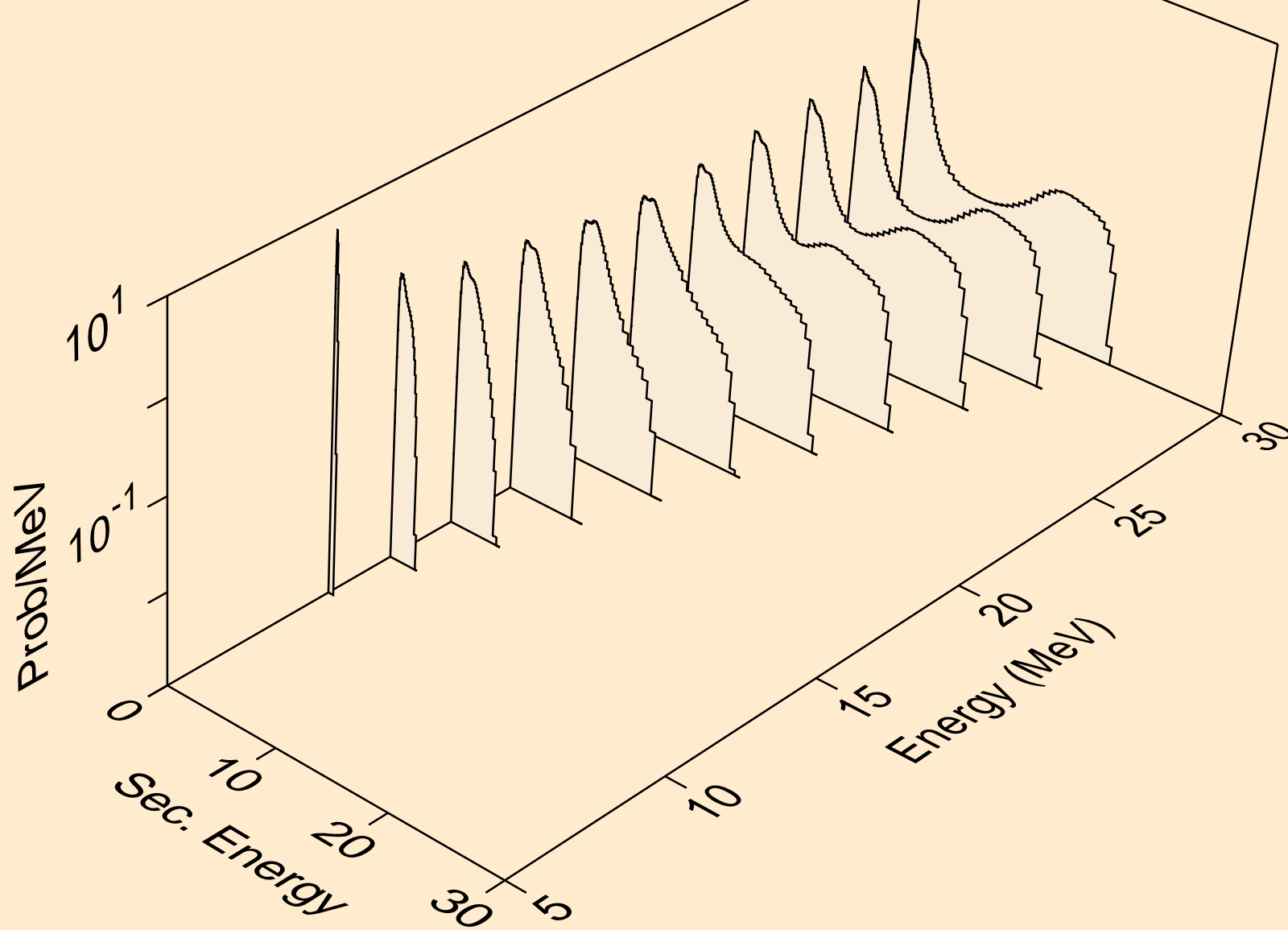
TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)

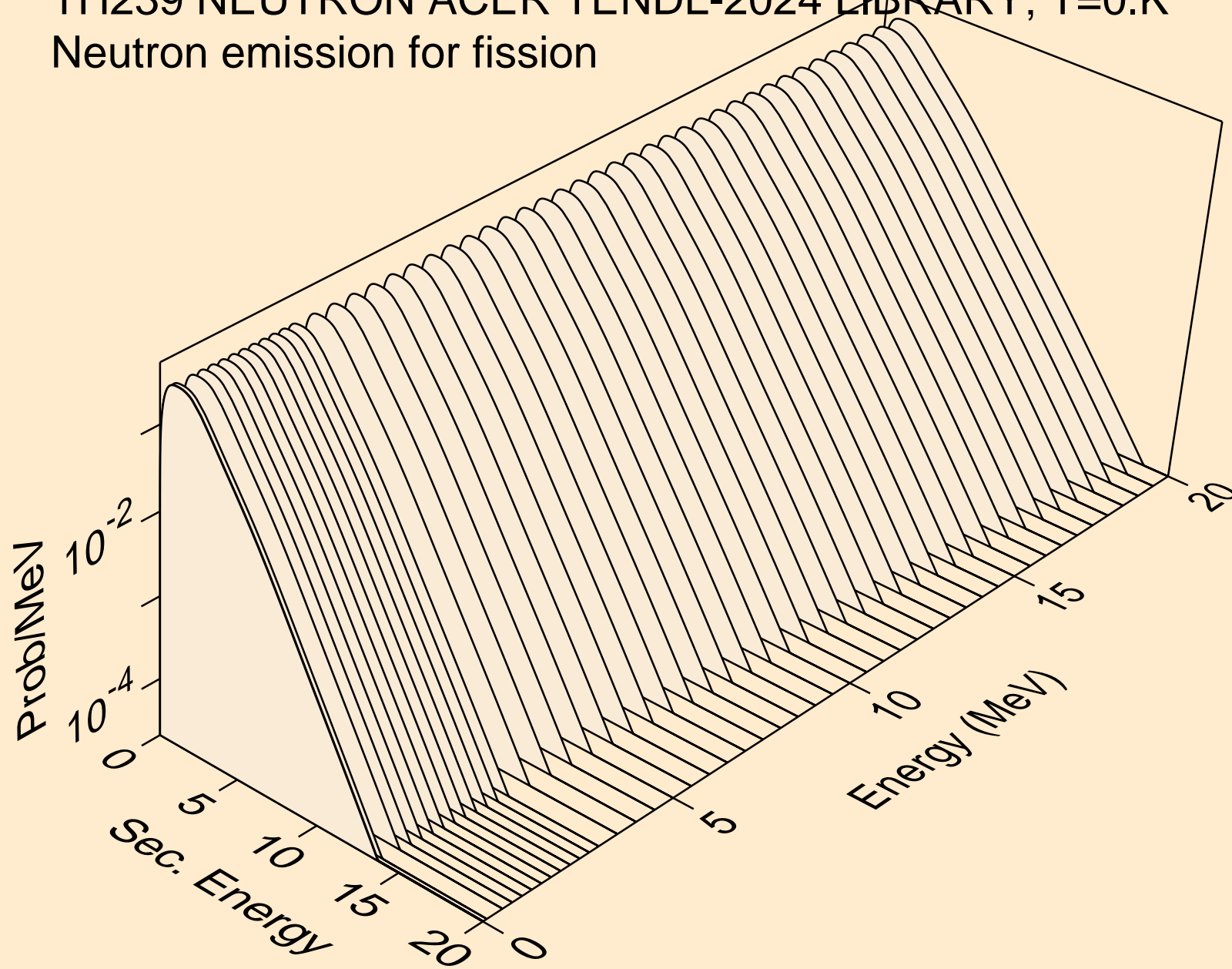


TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)

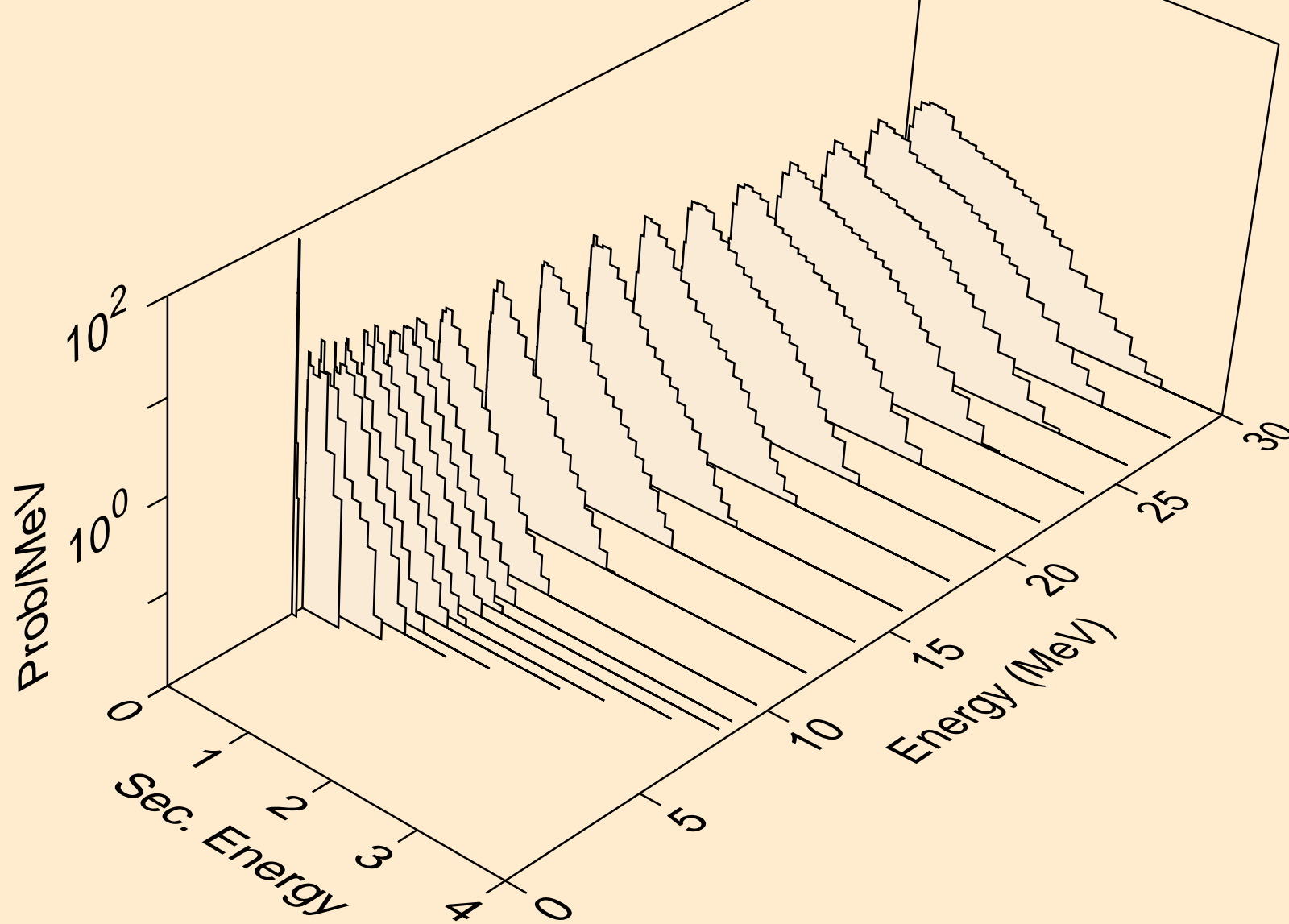




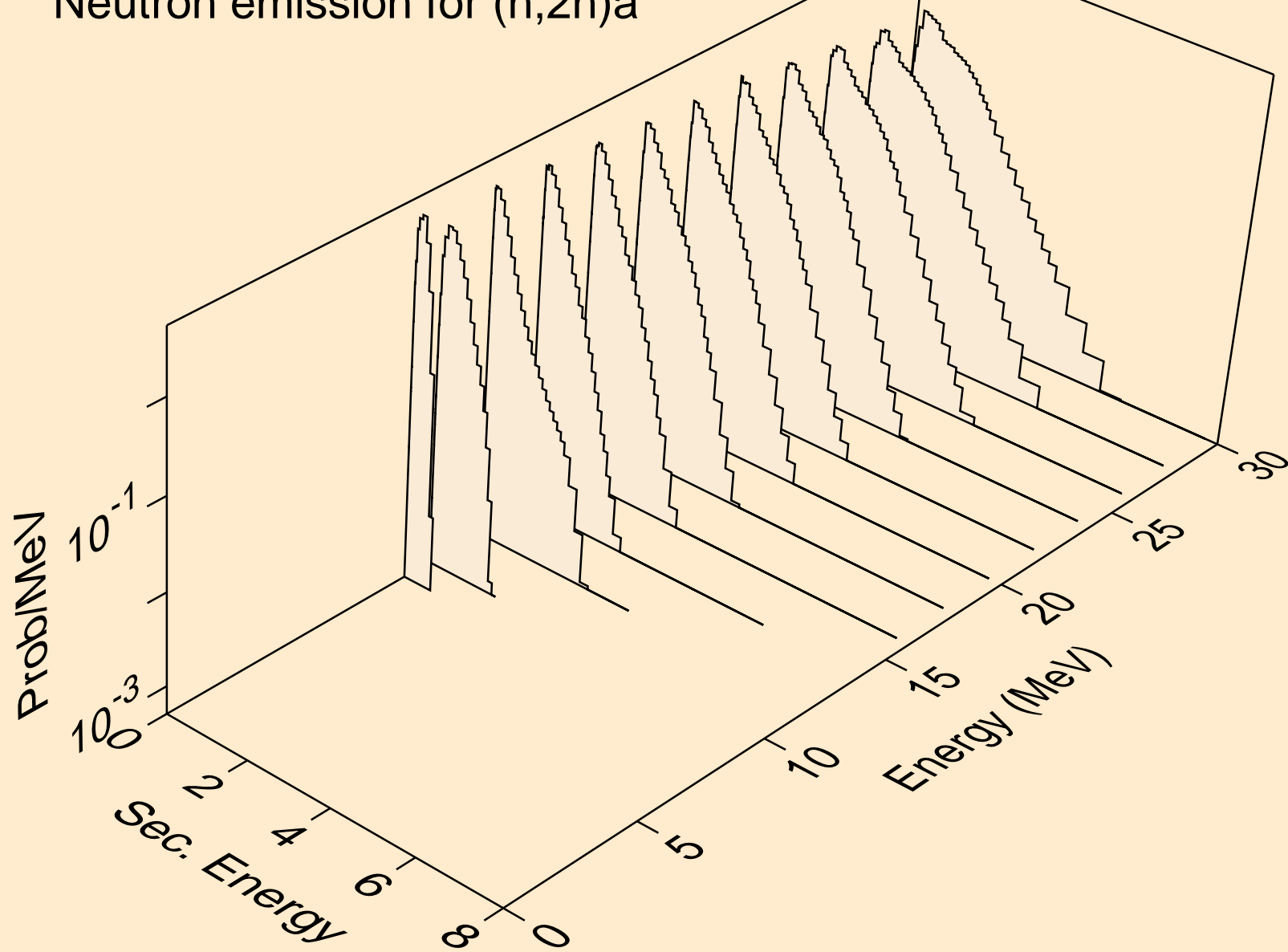
TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for fission



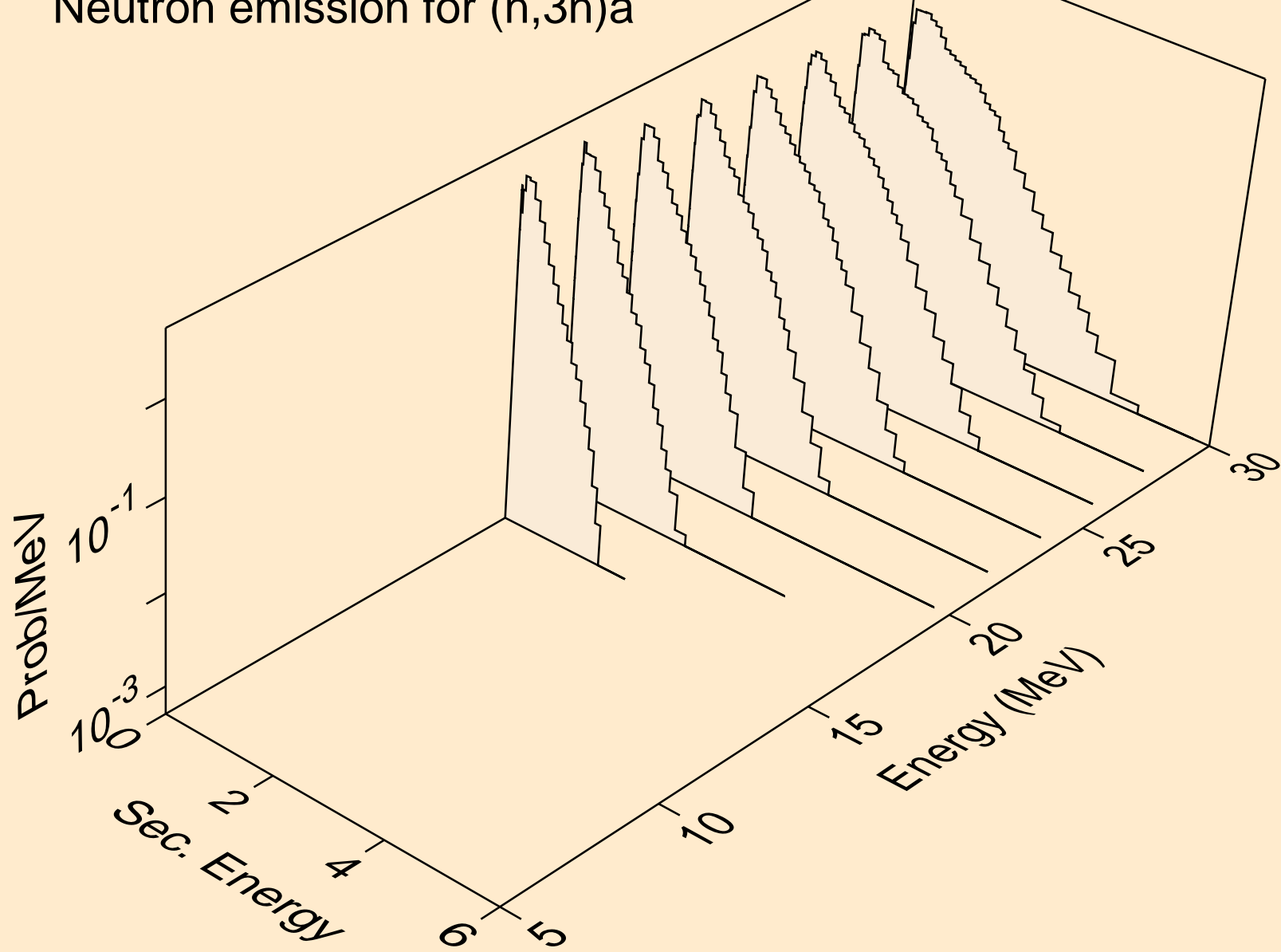
TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



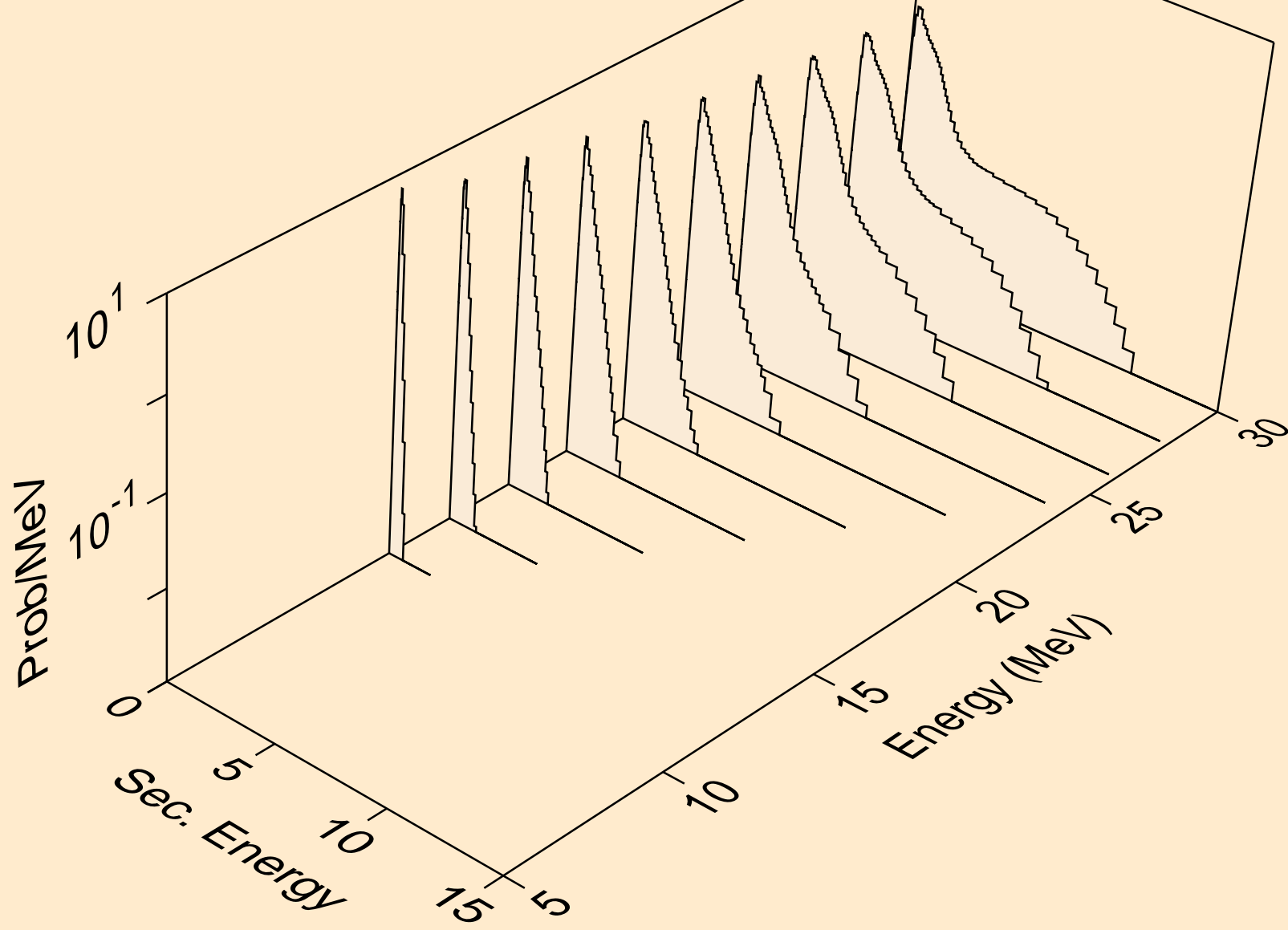
TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



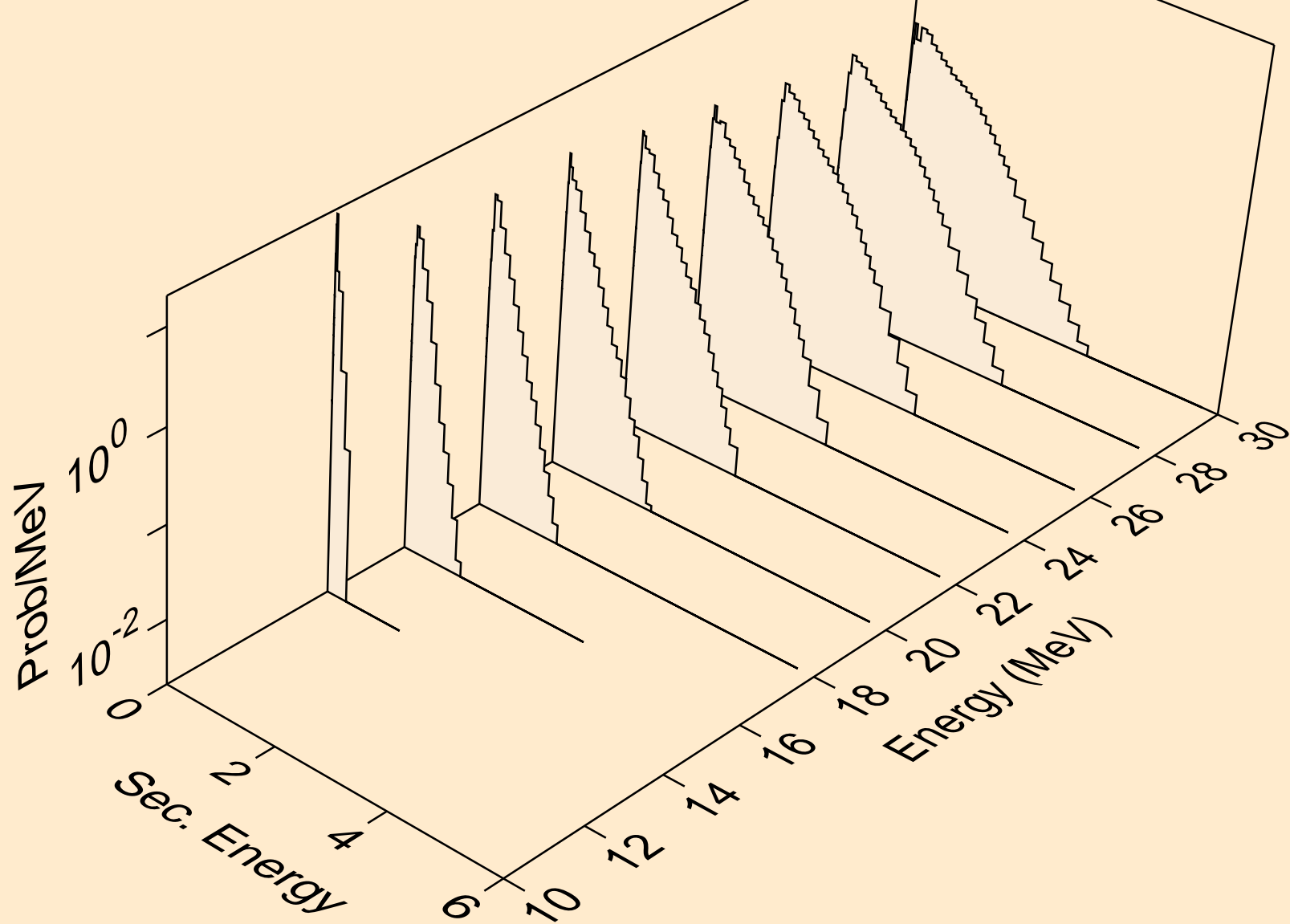
TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



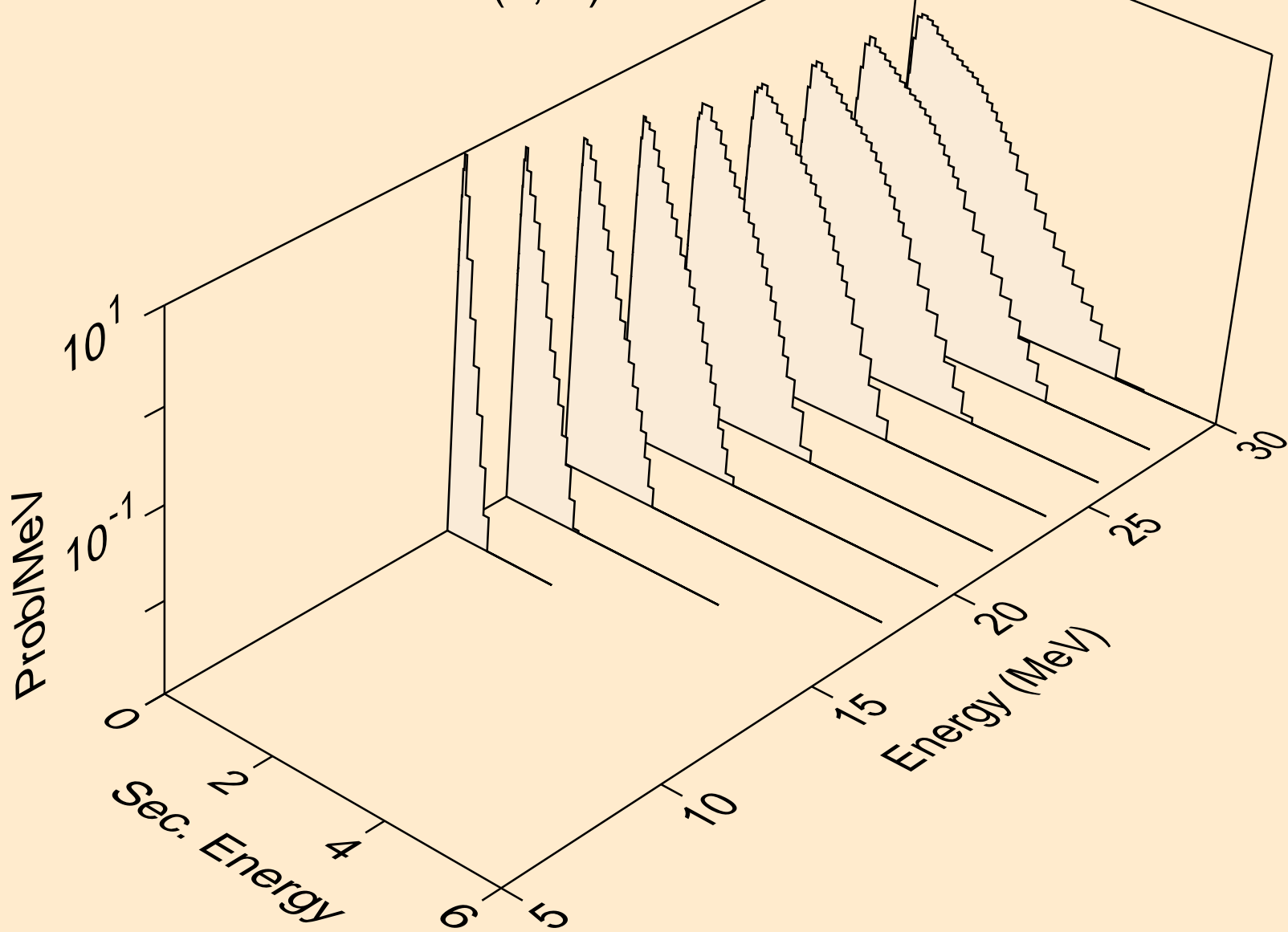
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Neutron emission for (n,n\*)p



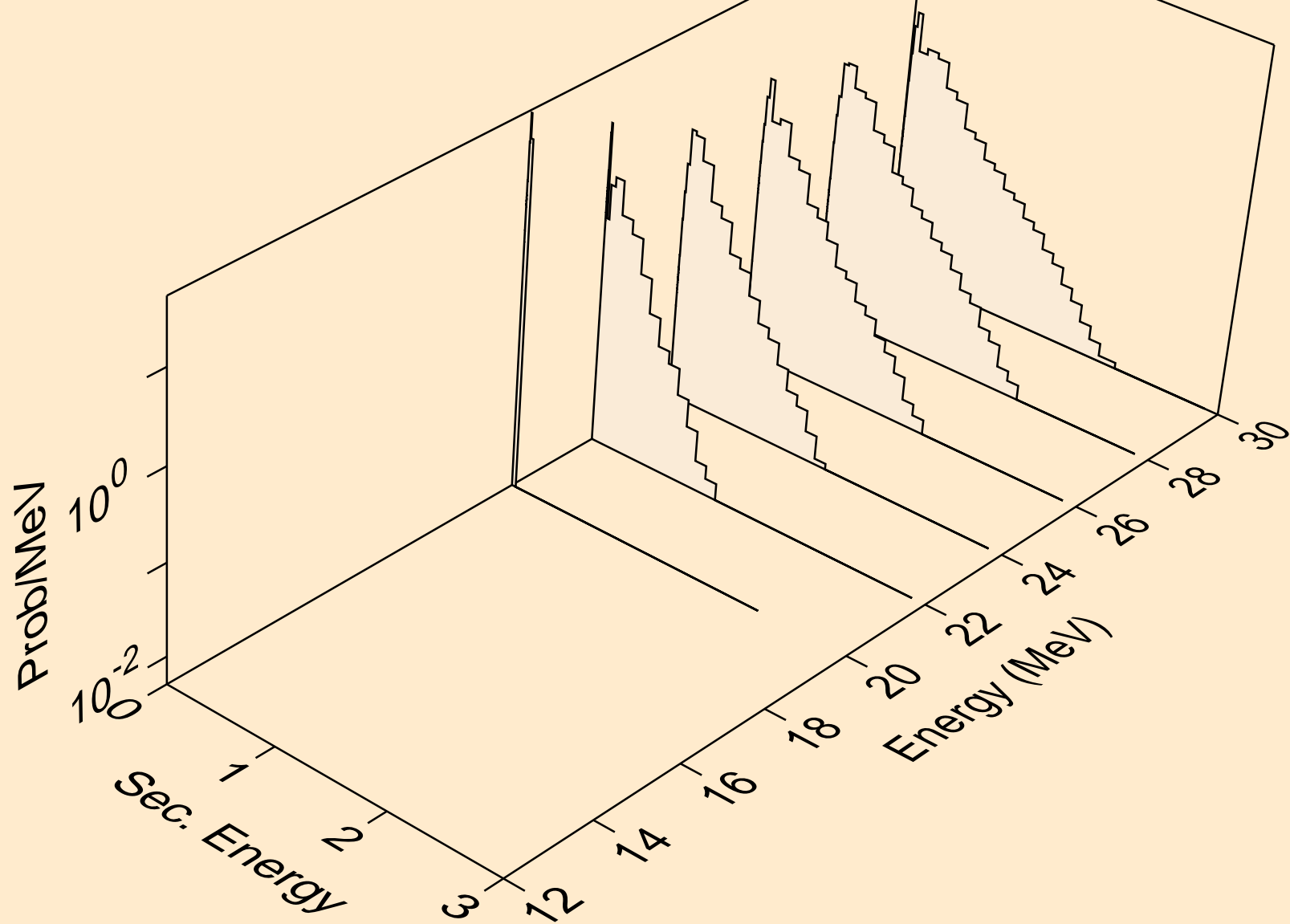
TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t

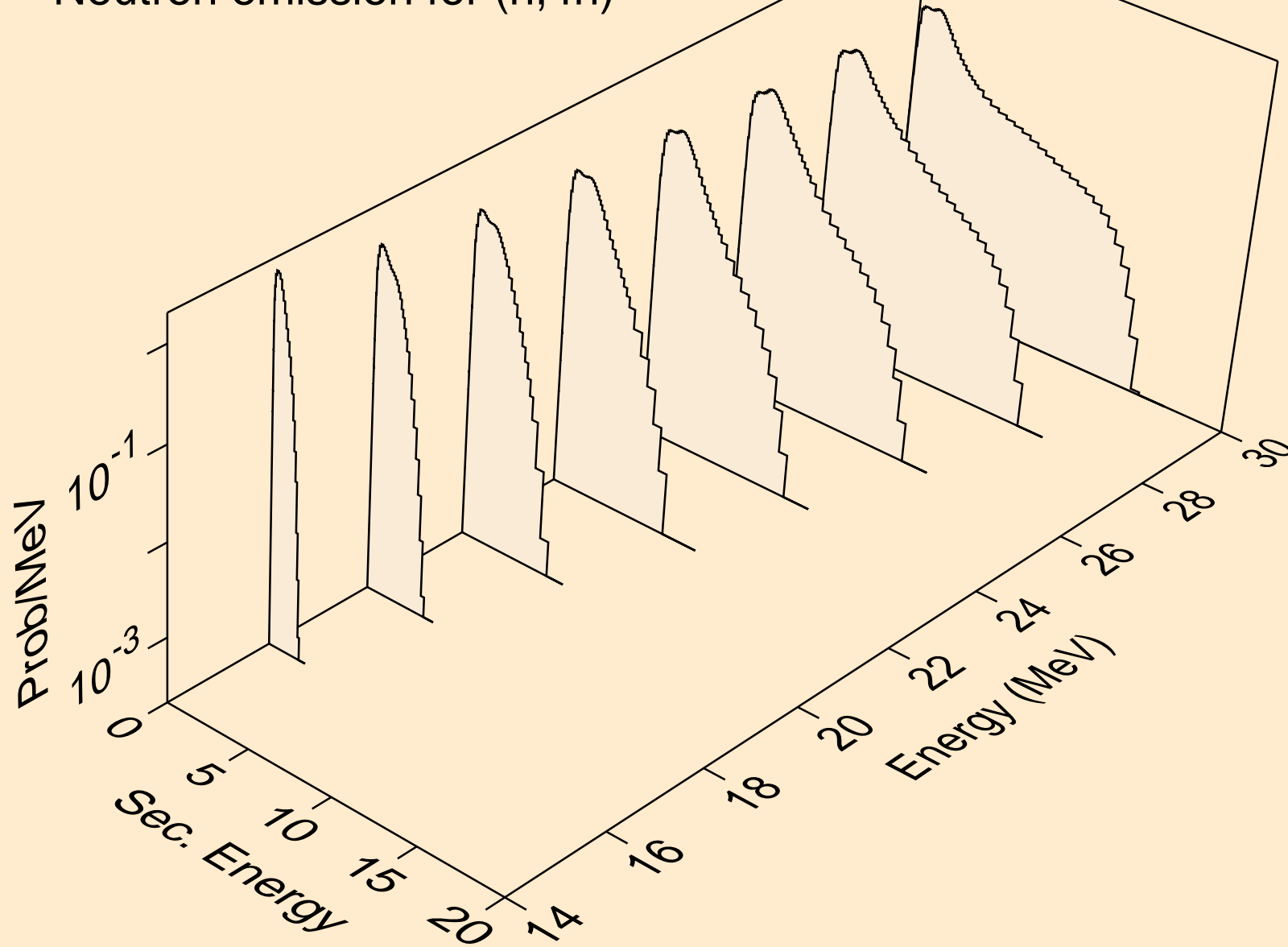


TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3

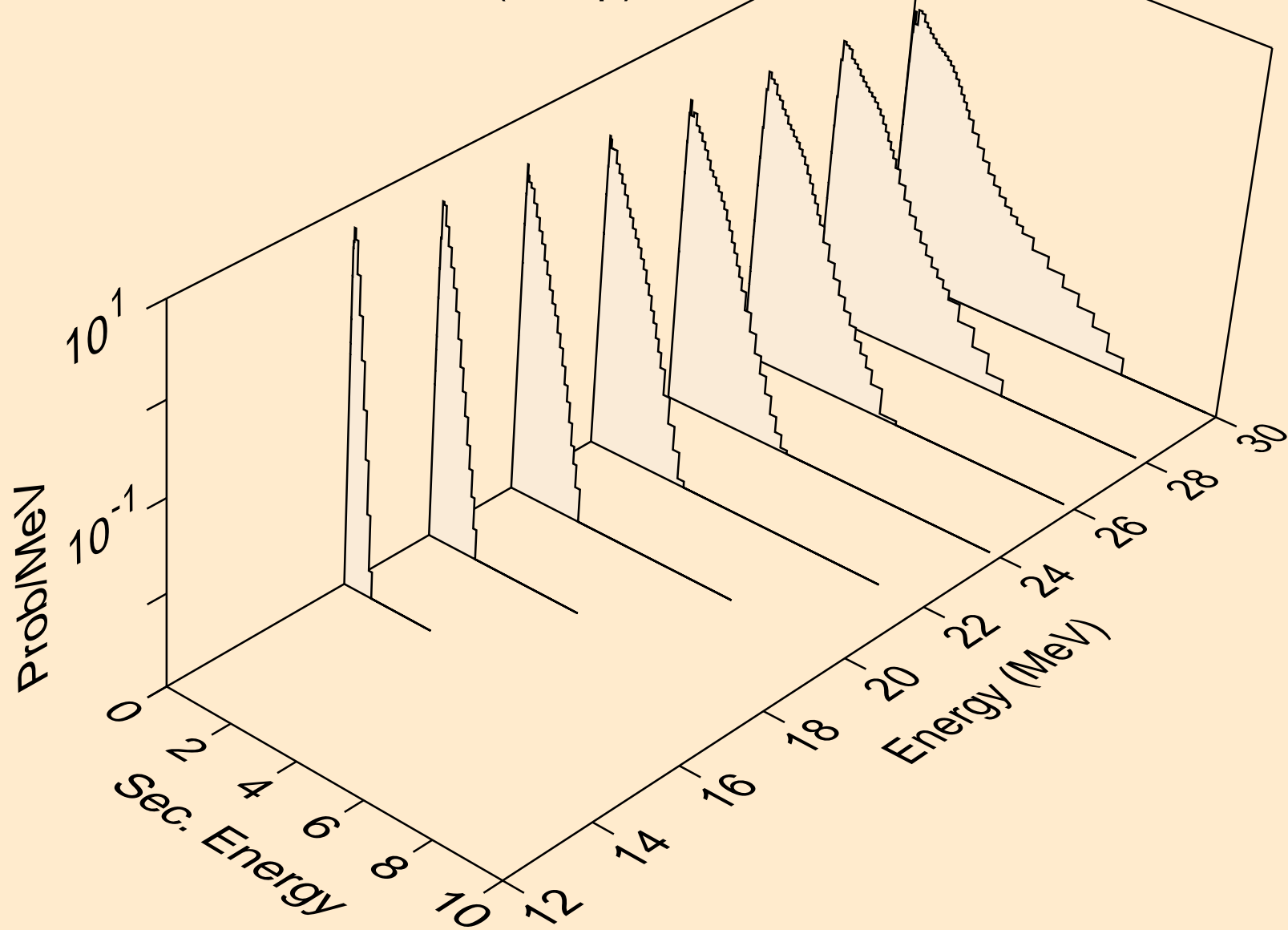




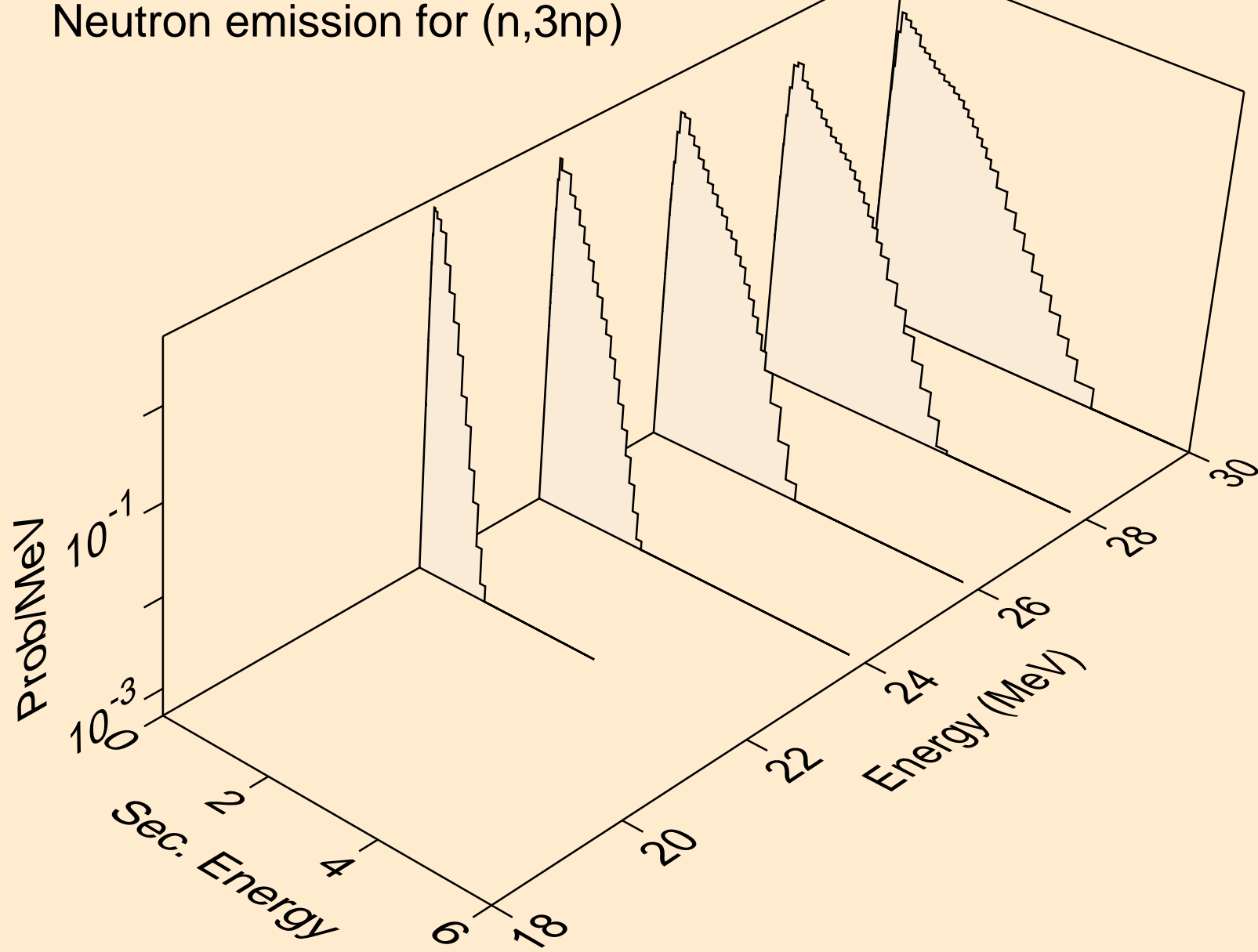
TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



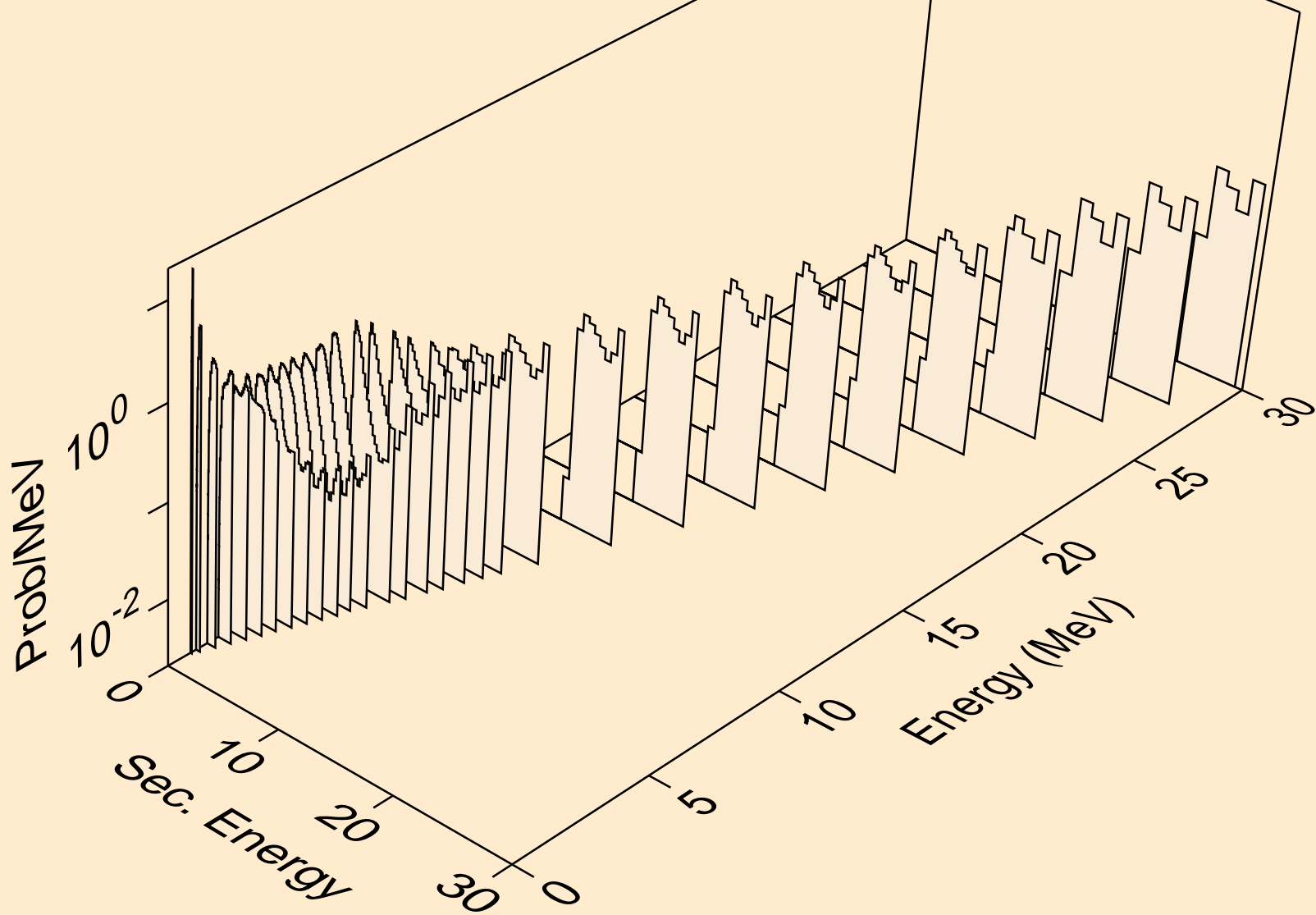
TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)

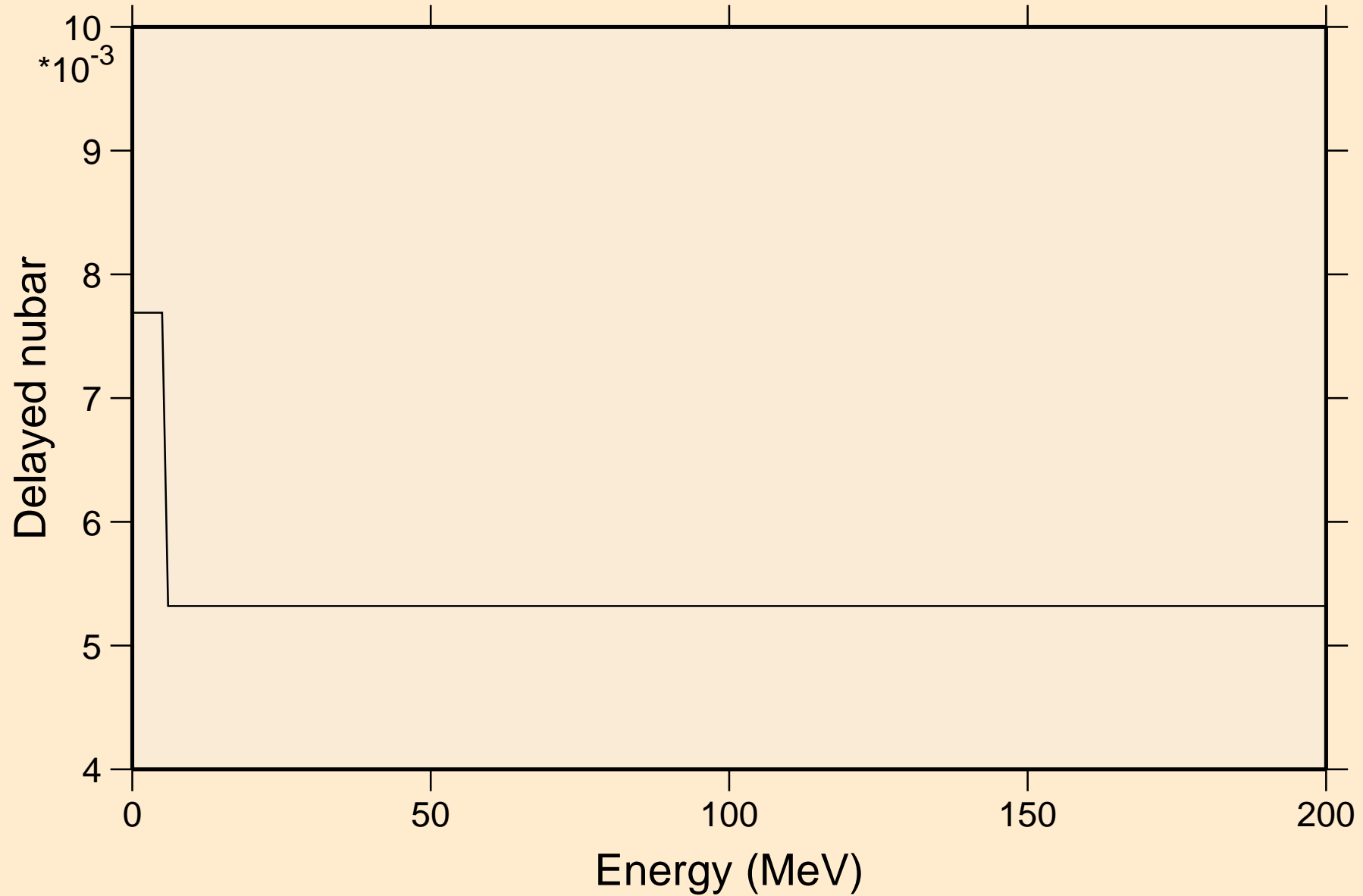


TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



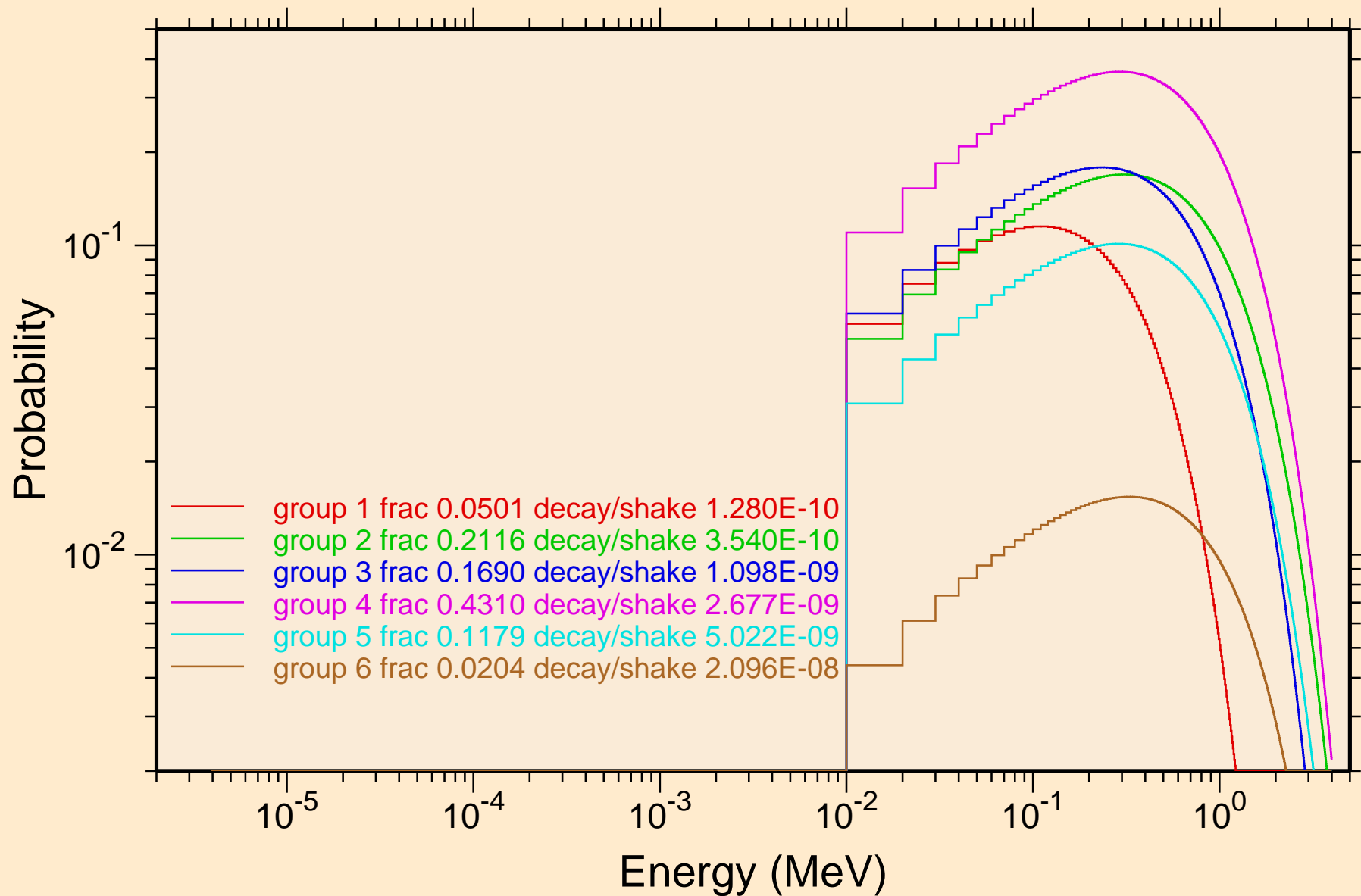
# TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Delayed nubar

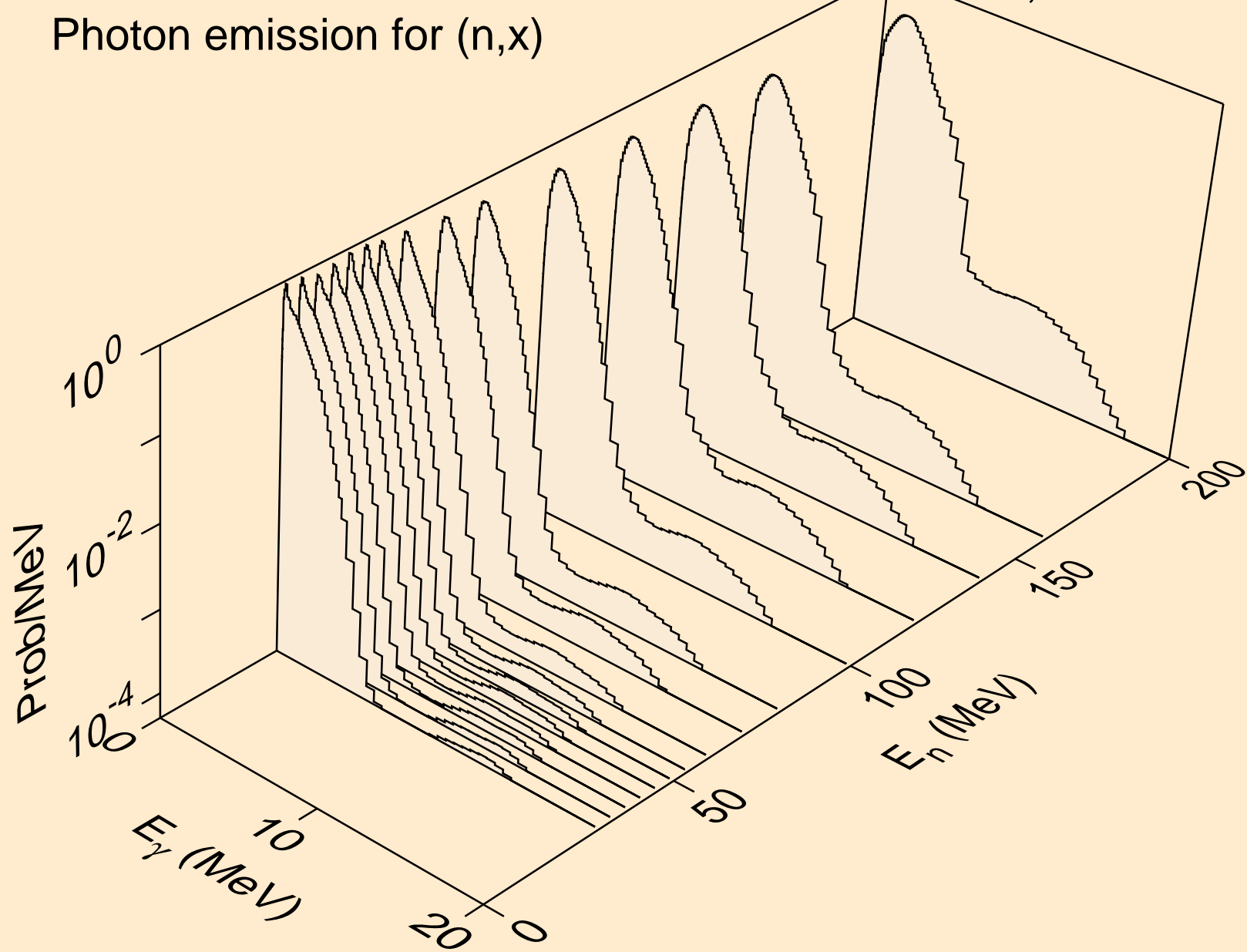


# TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

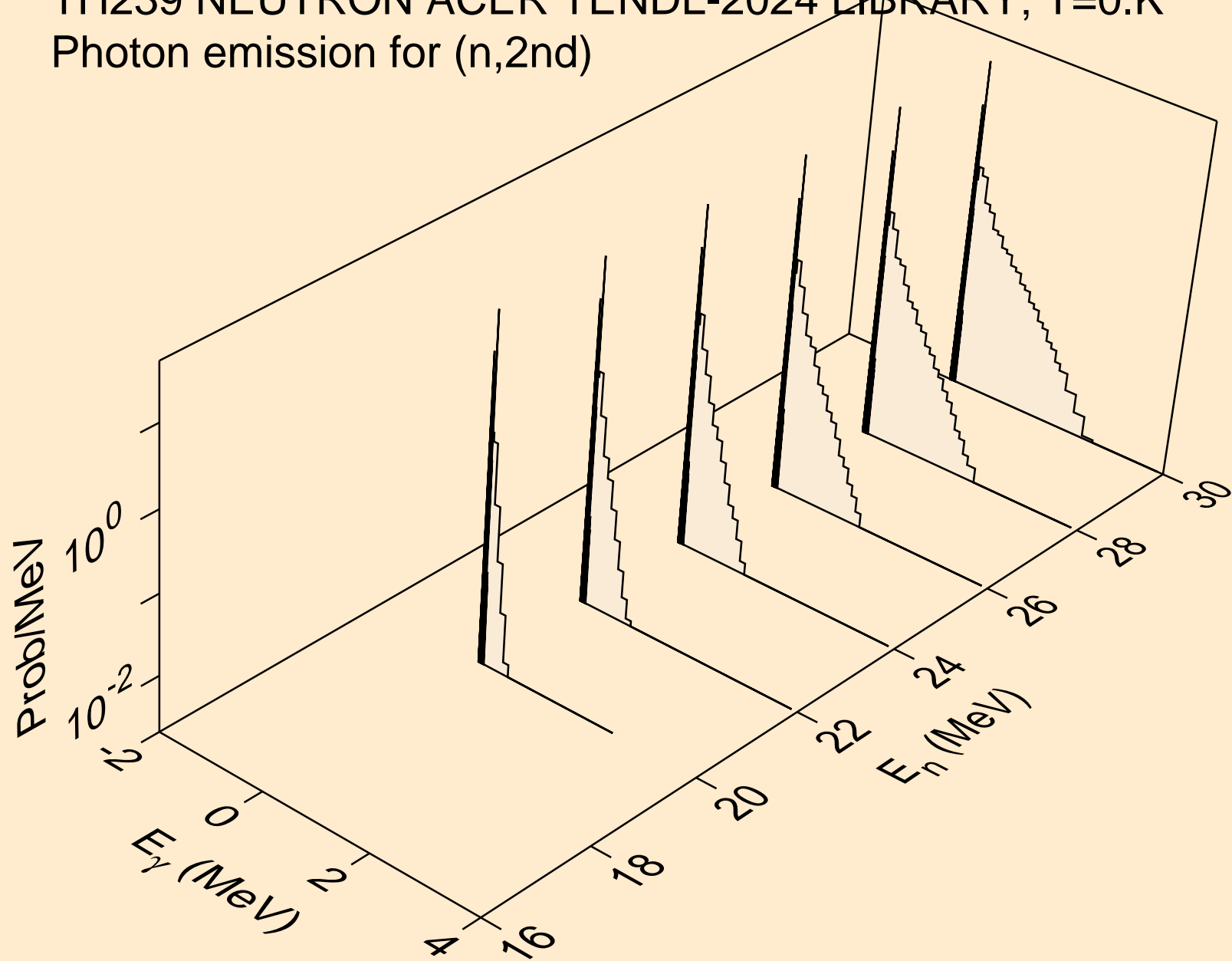
## Delayed neutron spectra



TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)

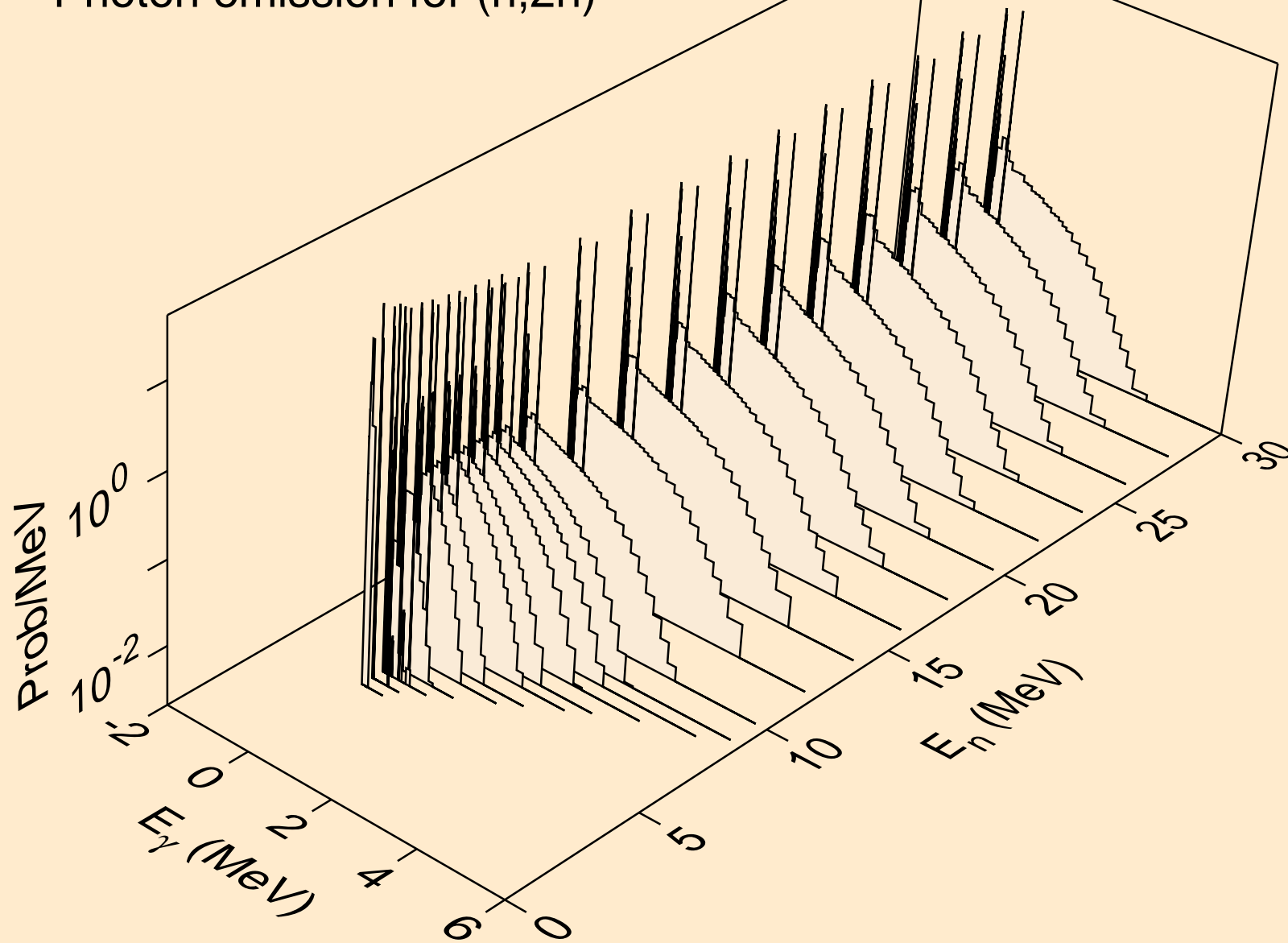


TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)

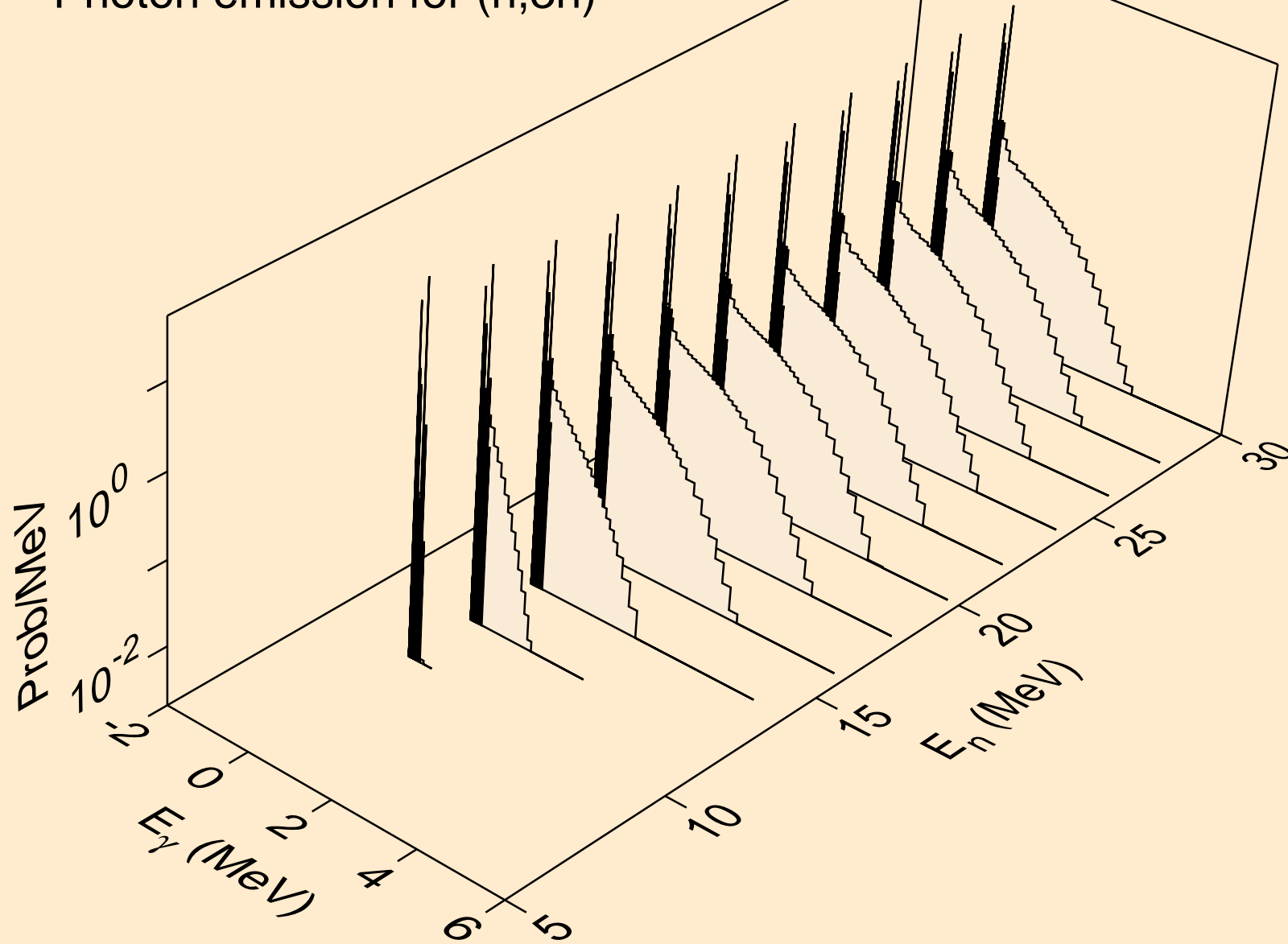




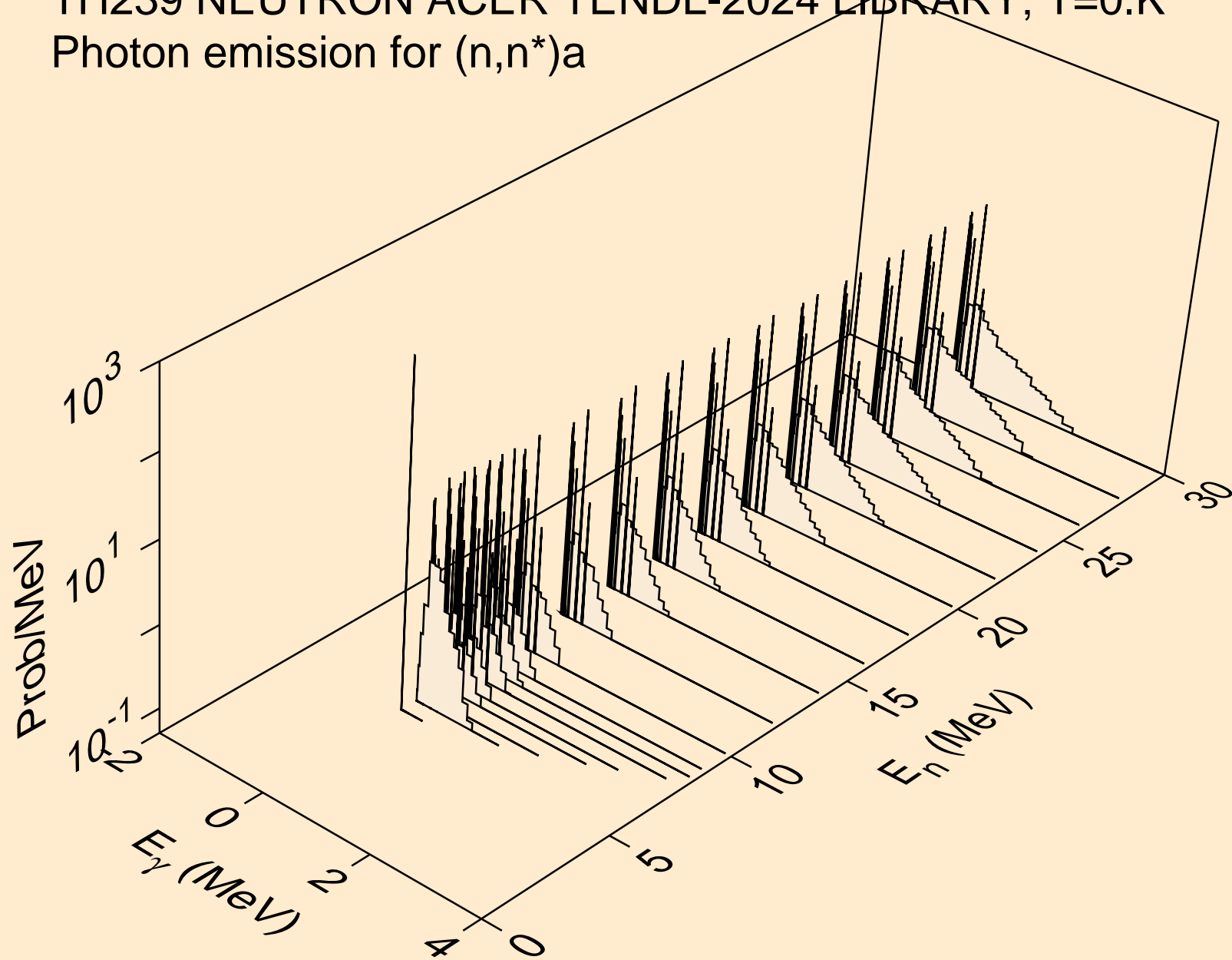
TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



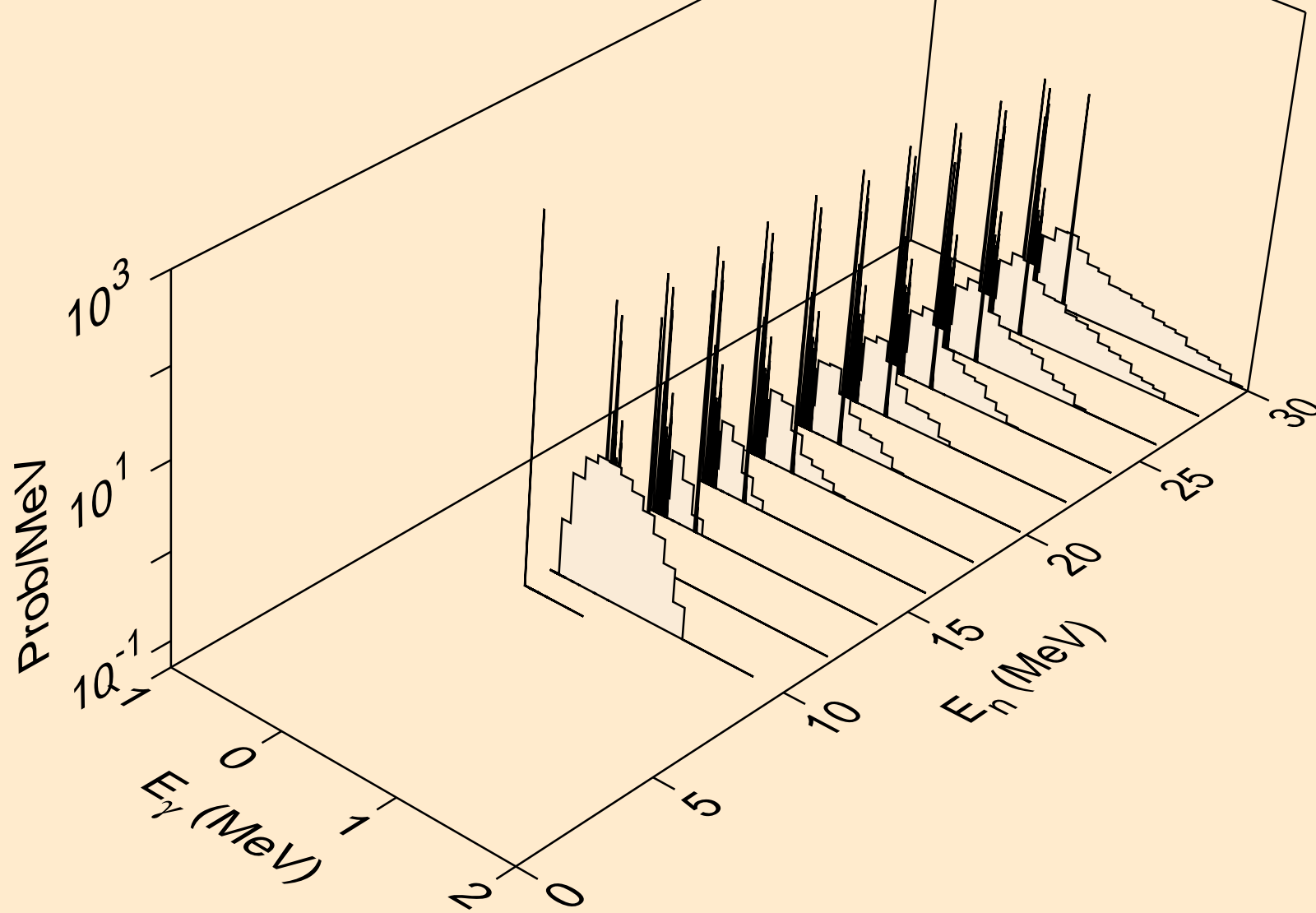
TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



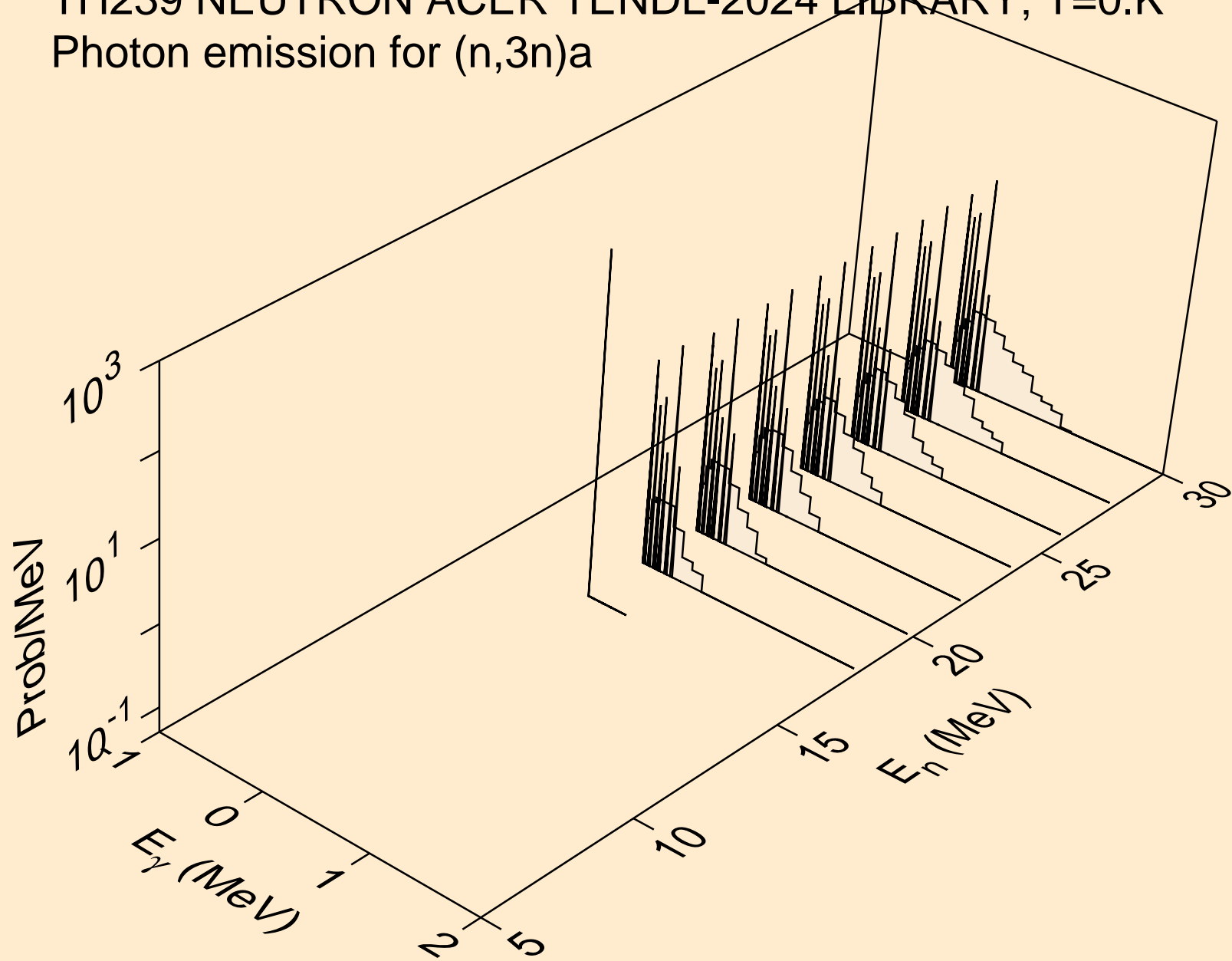
TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



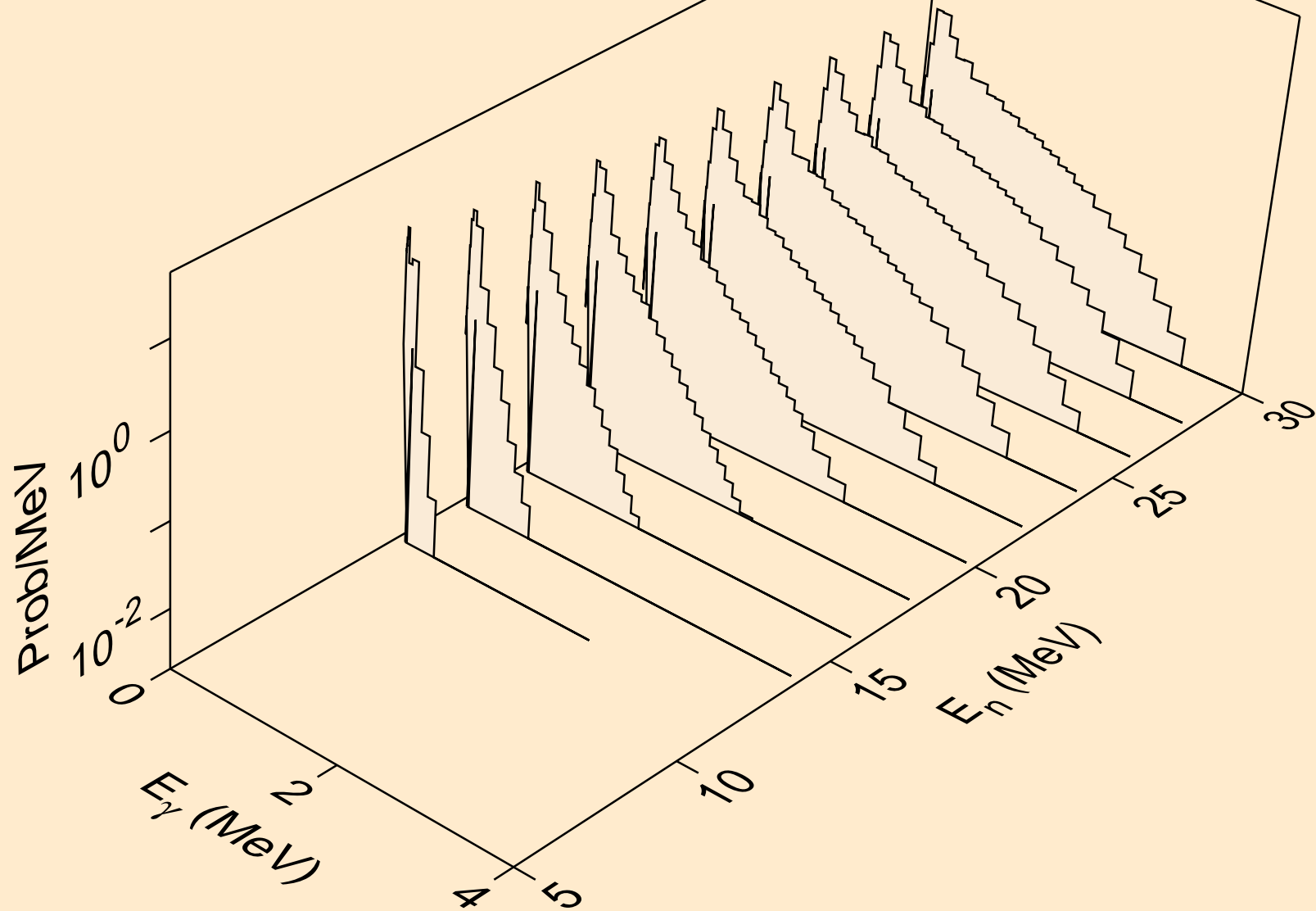
TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



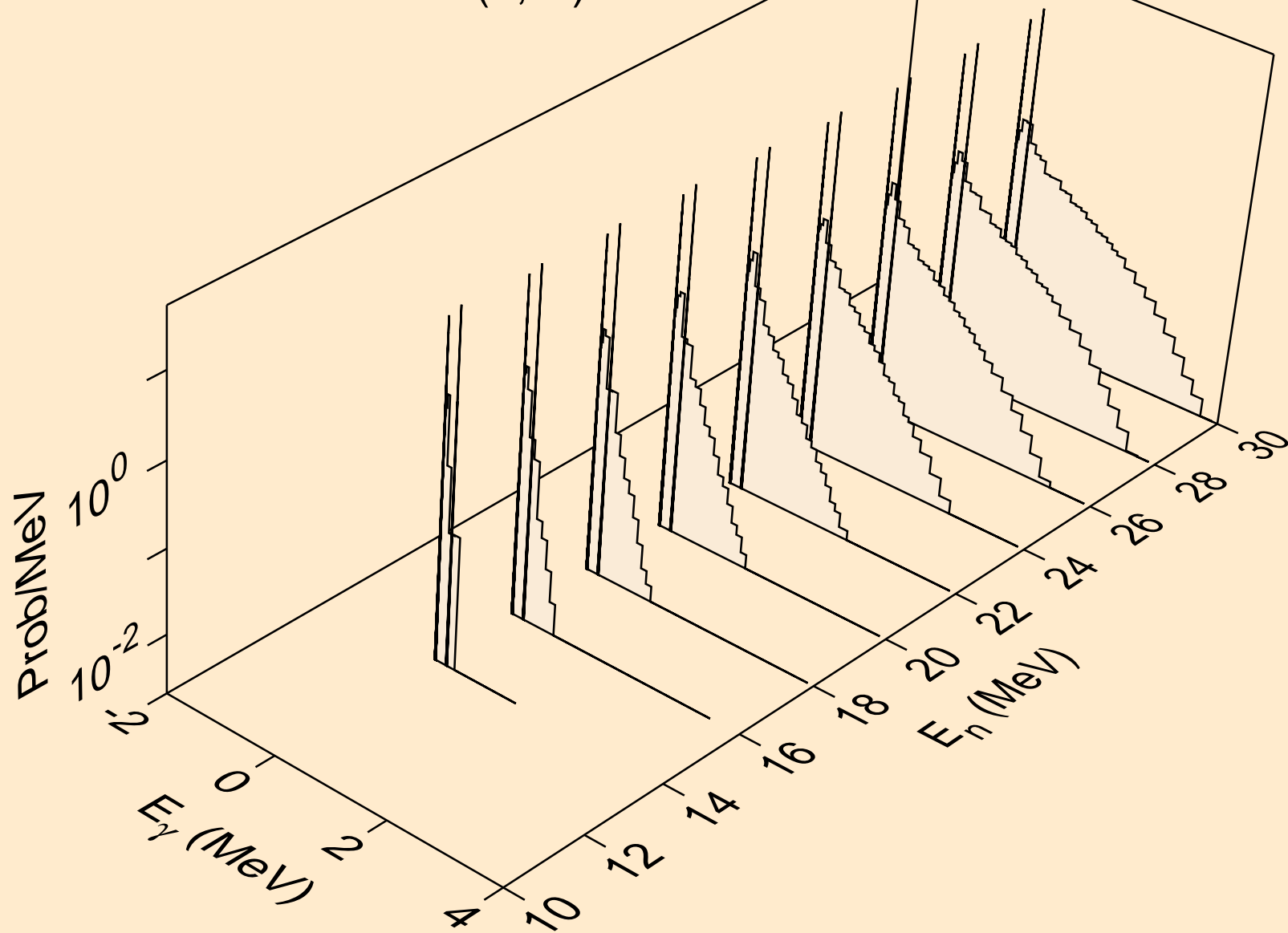
TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a



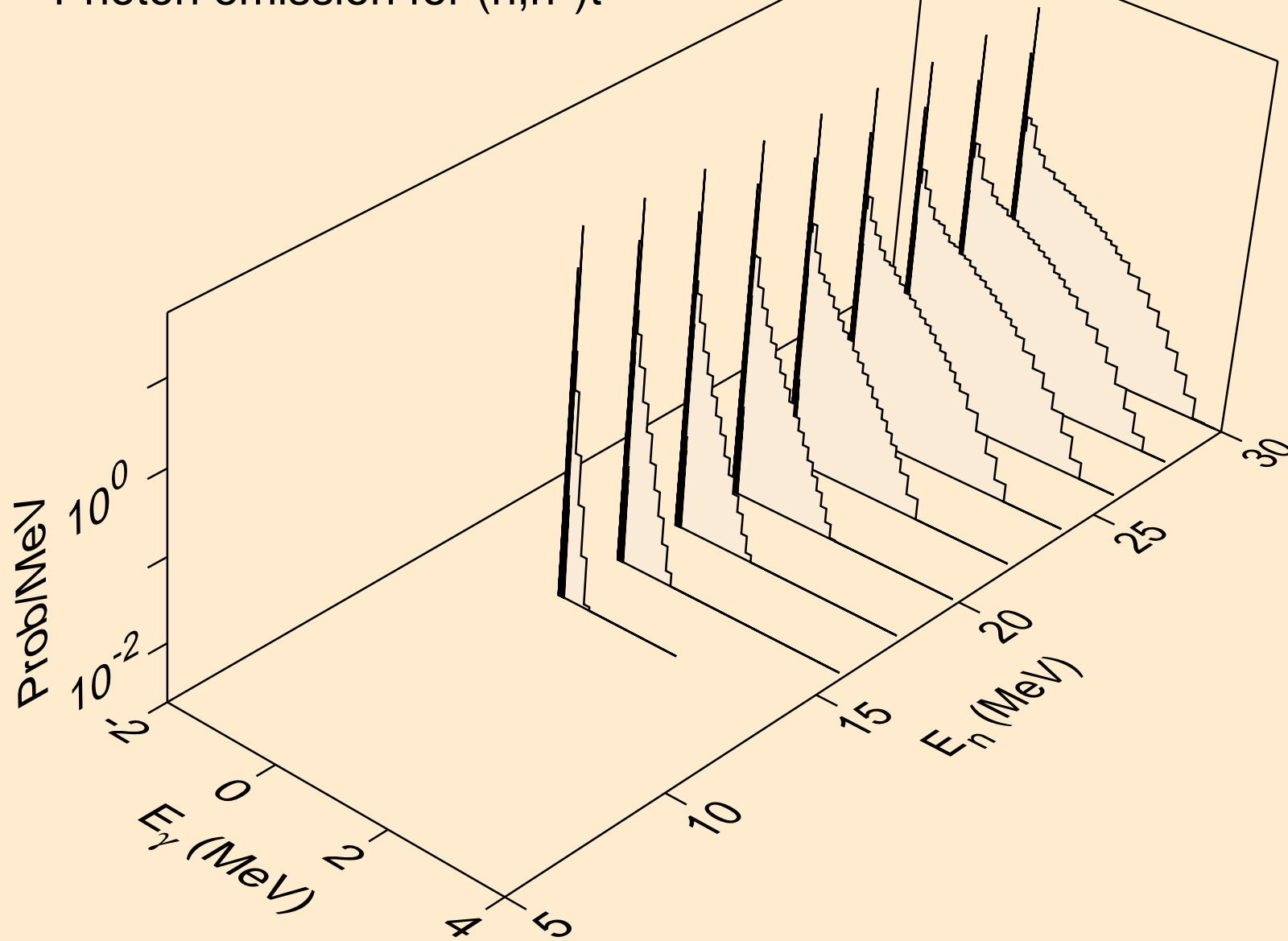
TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

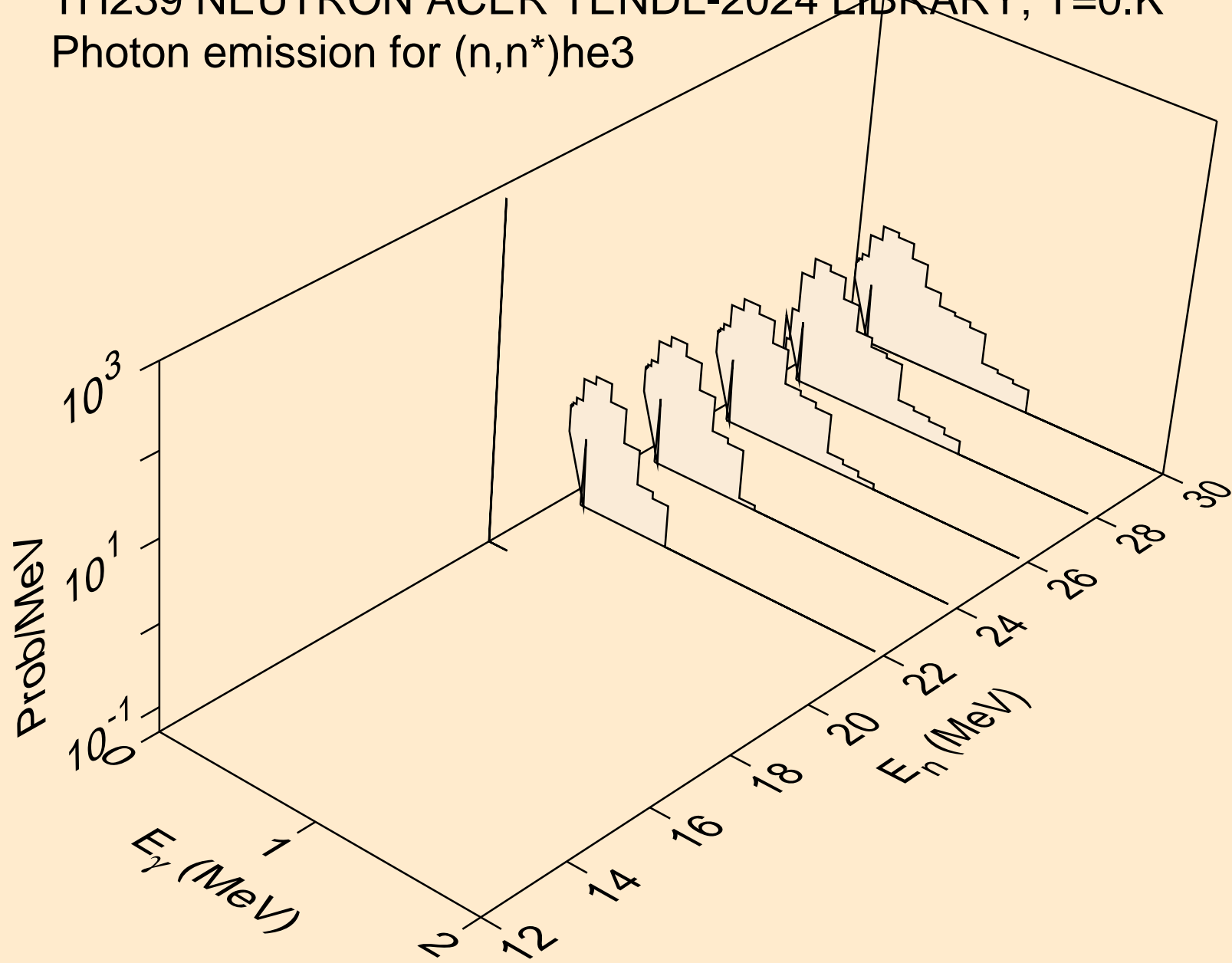


TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

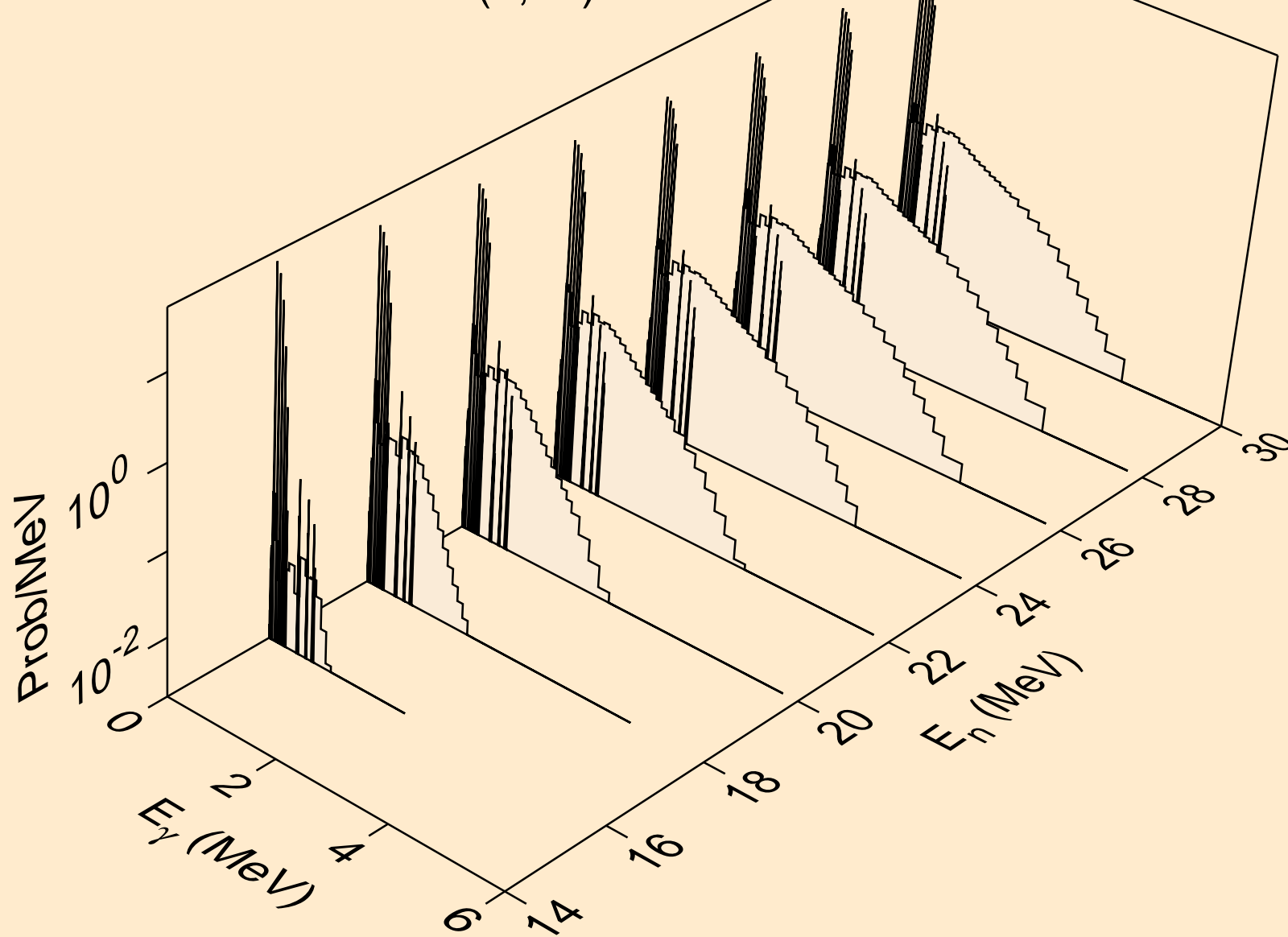




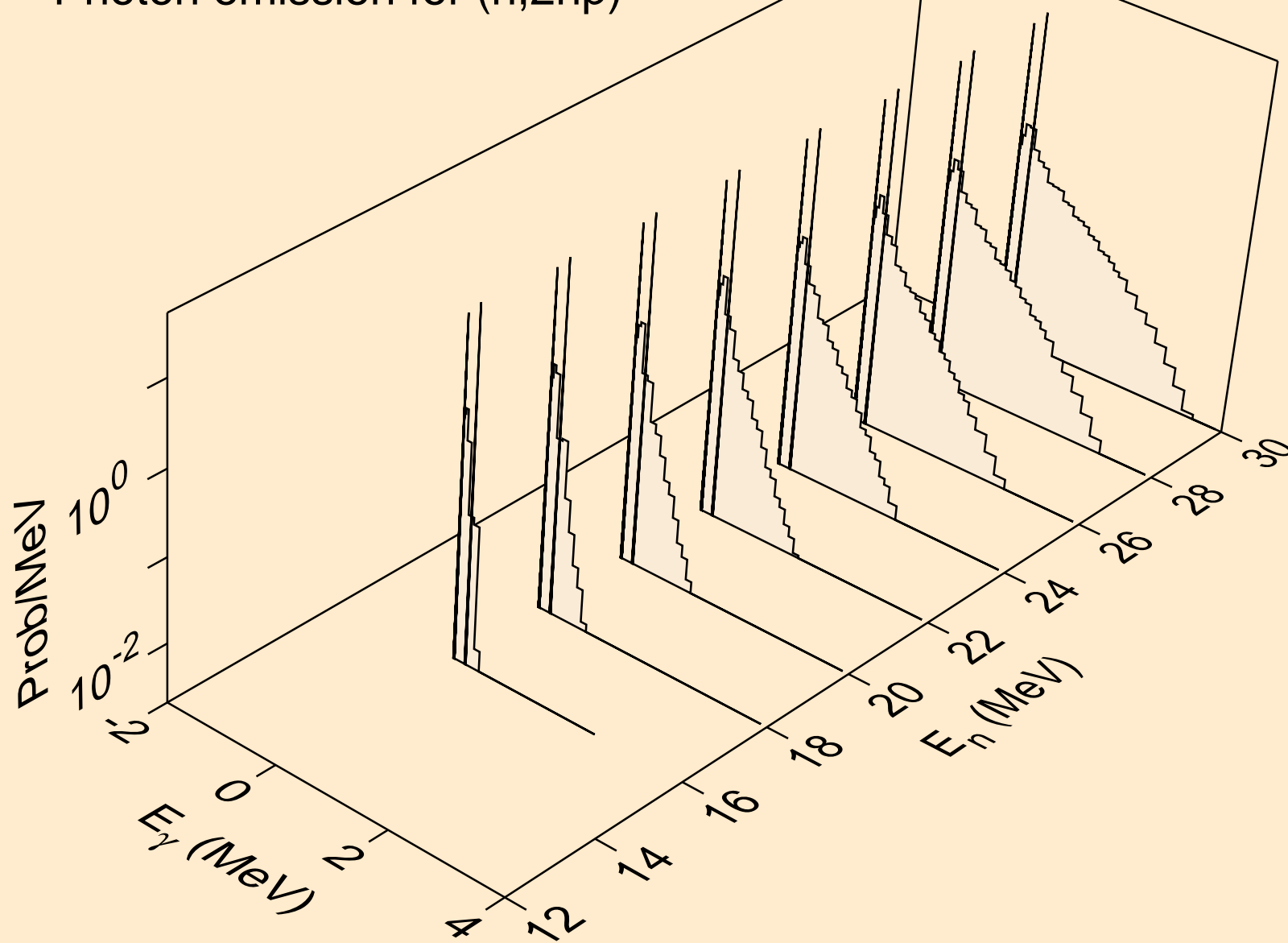
TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



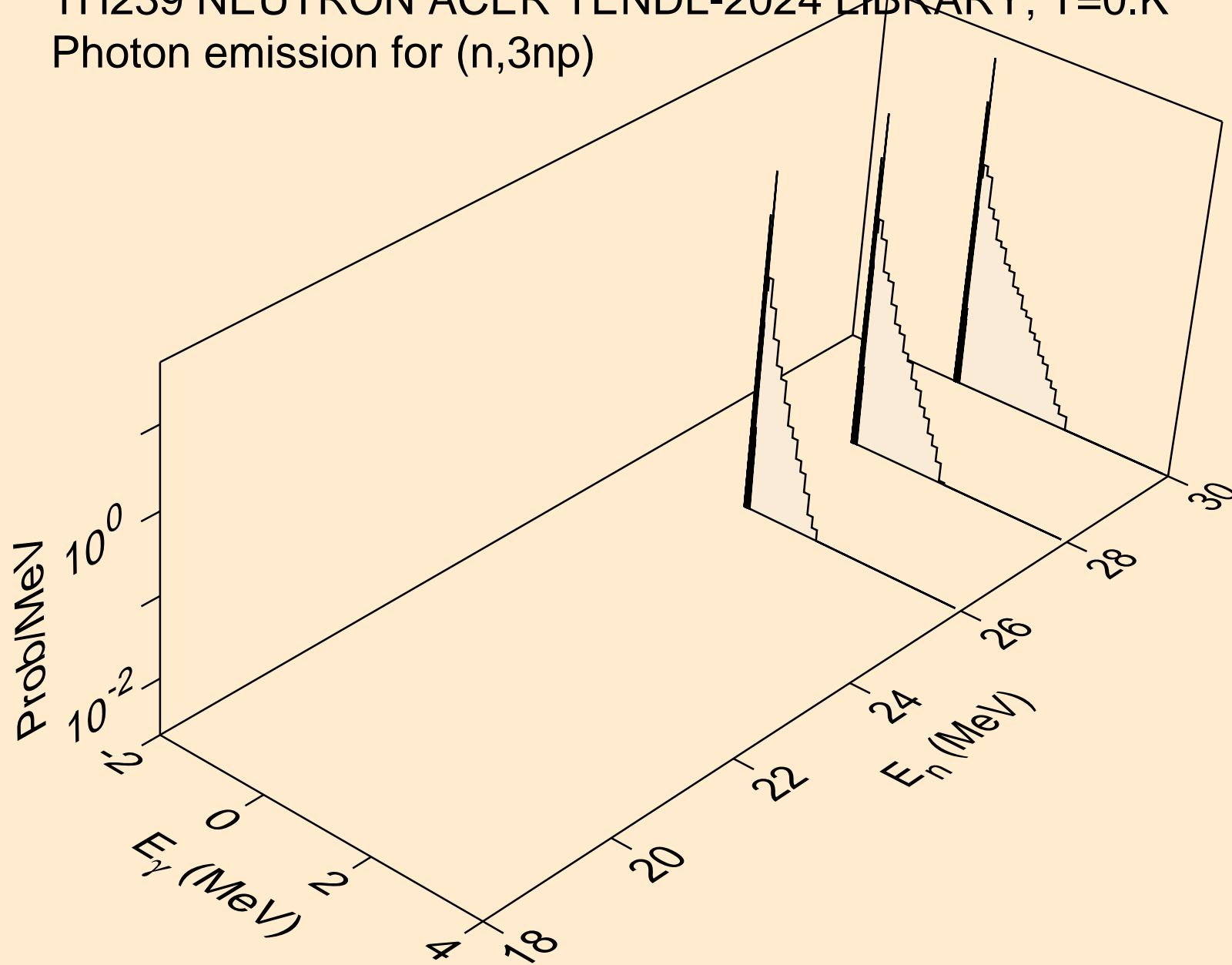
TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



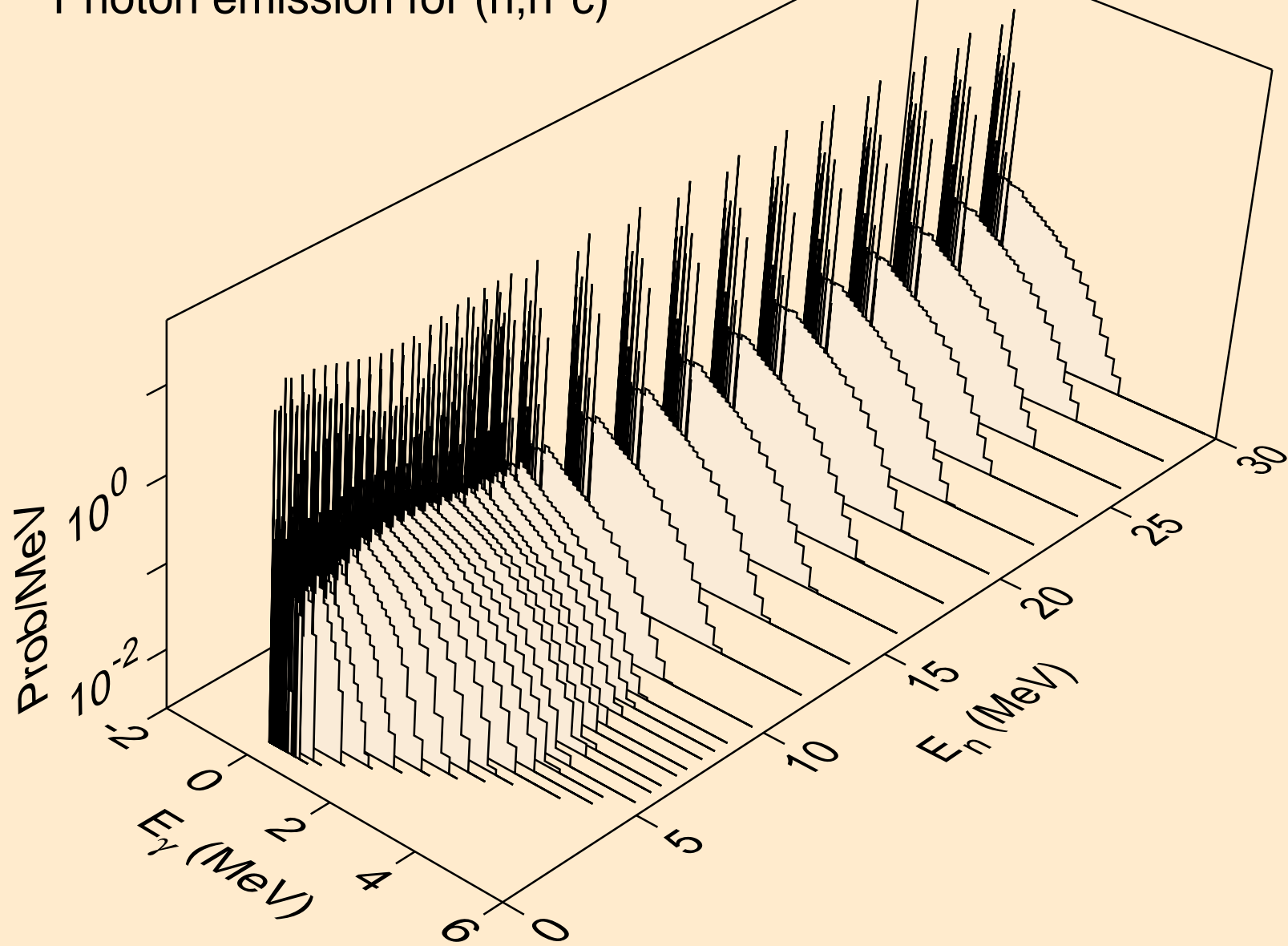
TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



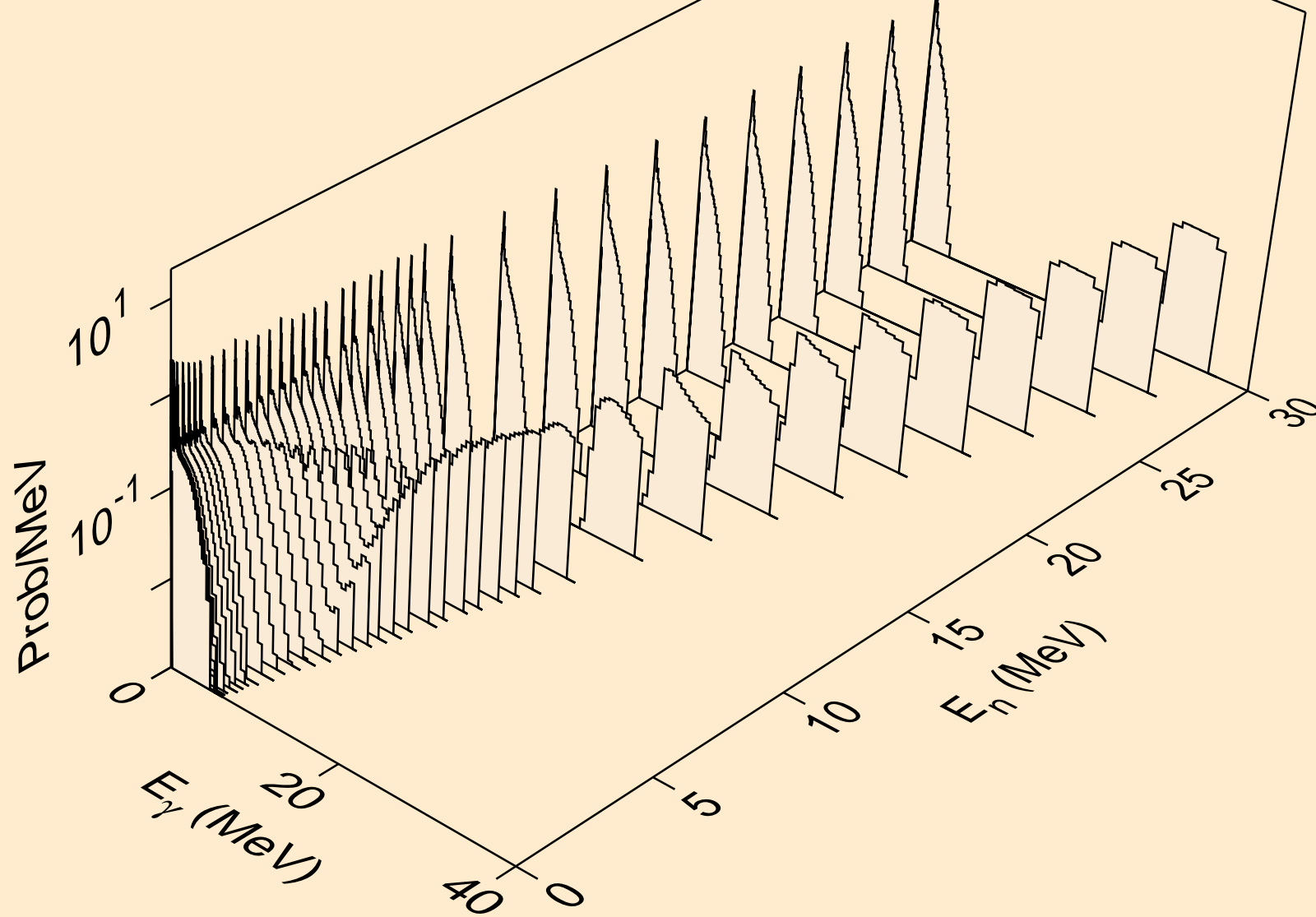
TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



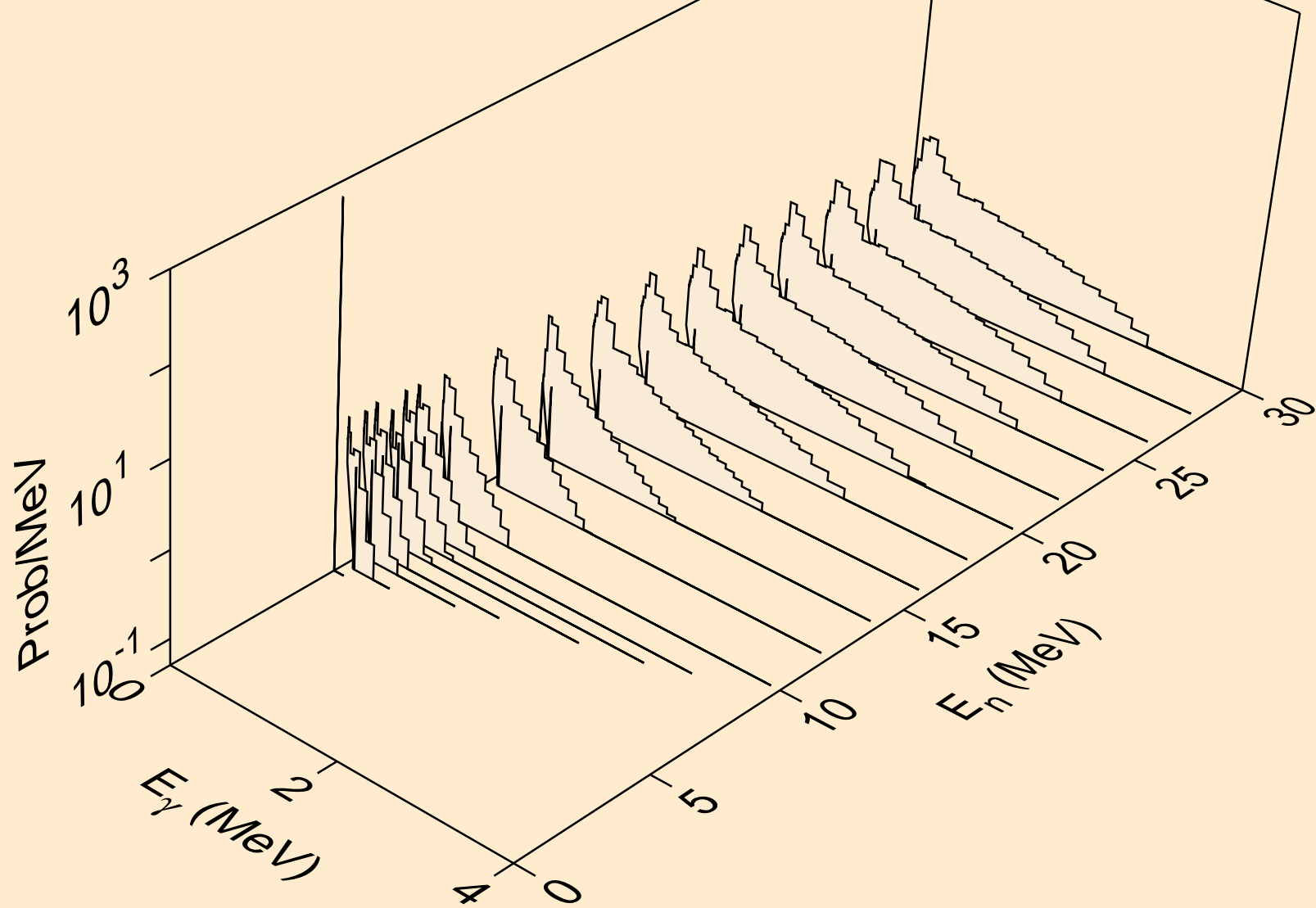
TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



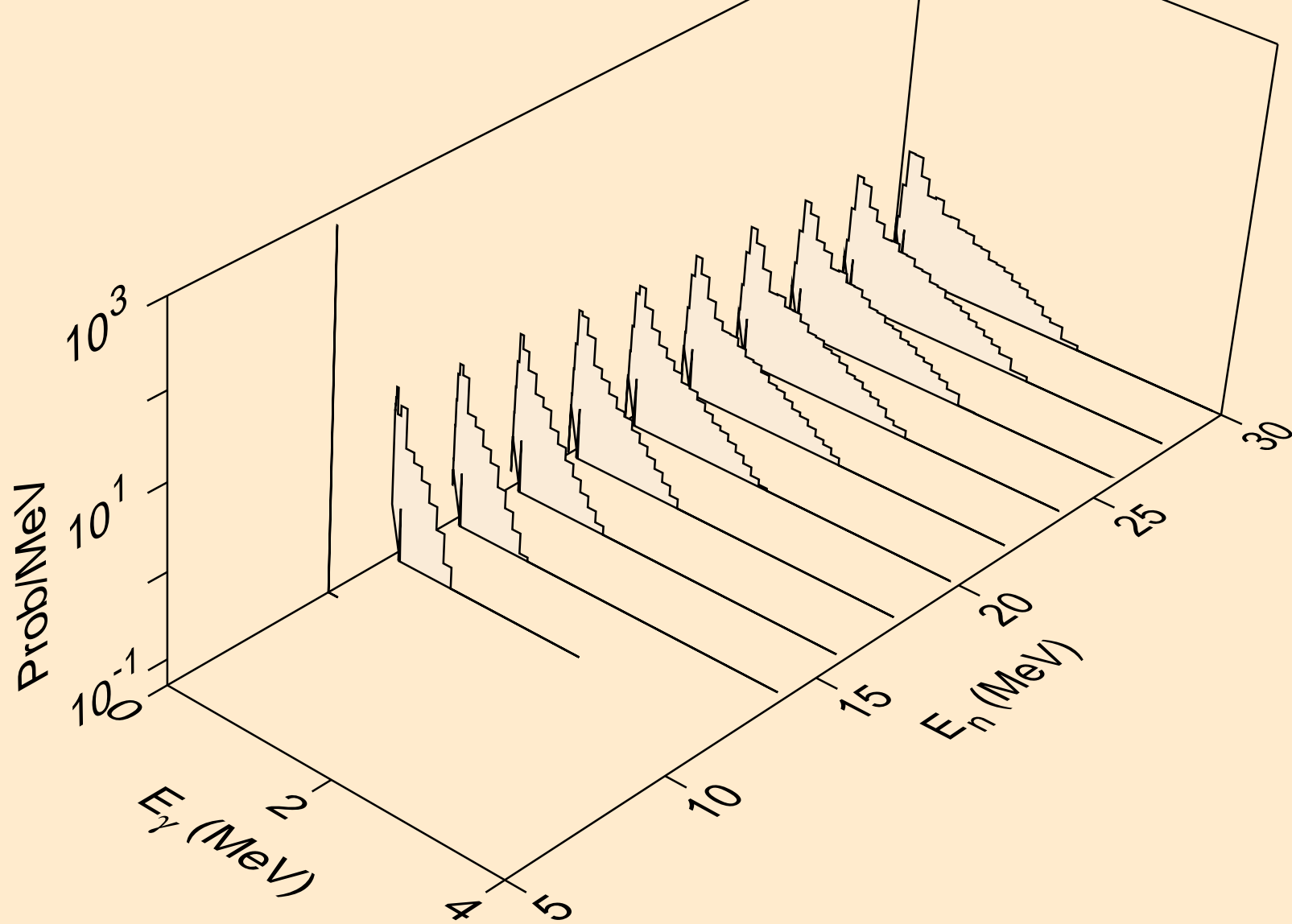
TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)

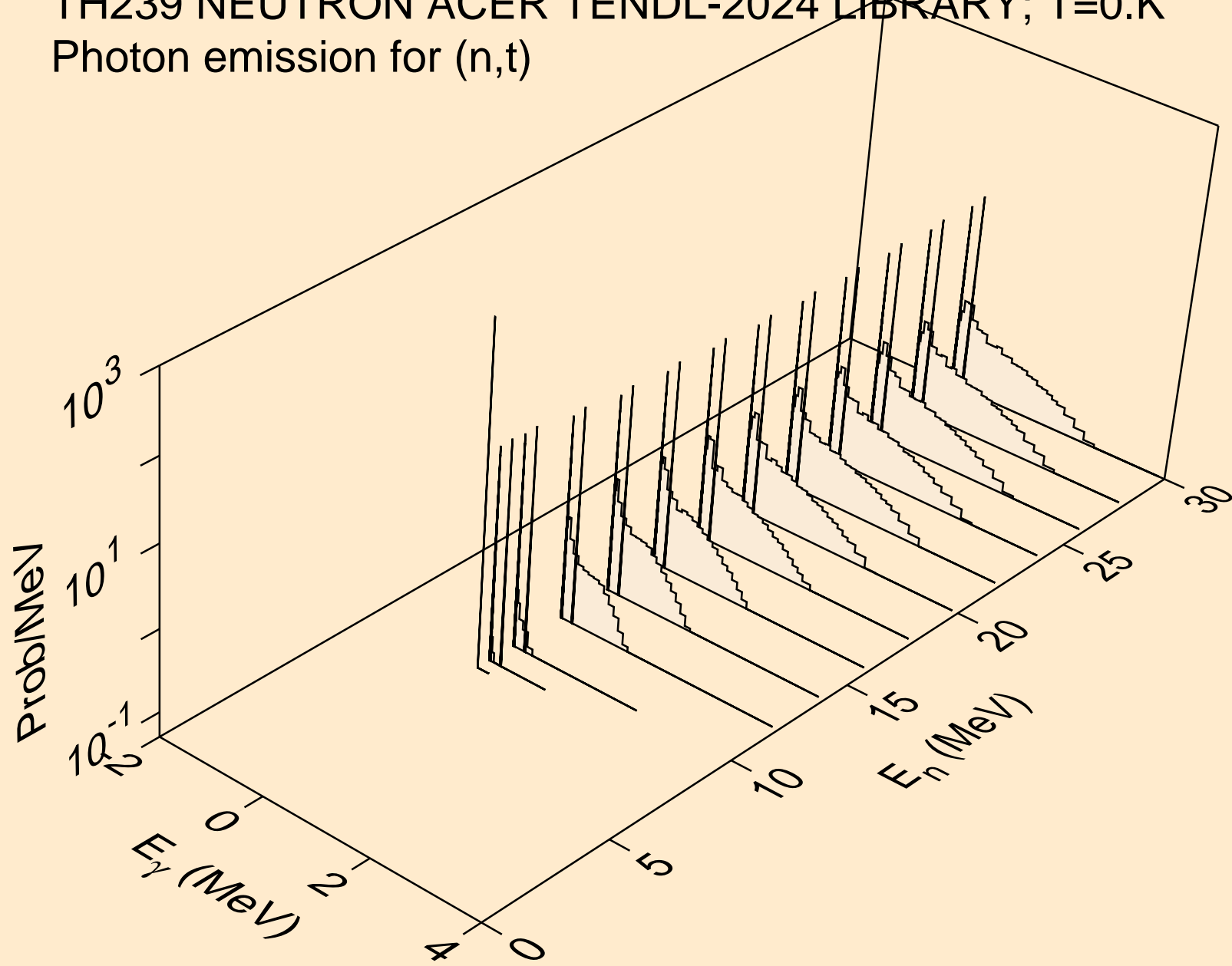


TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)

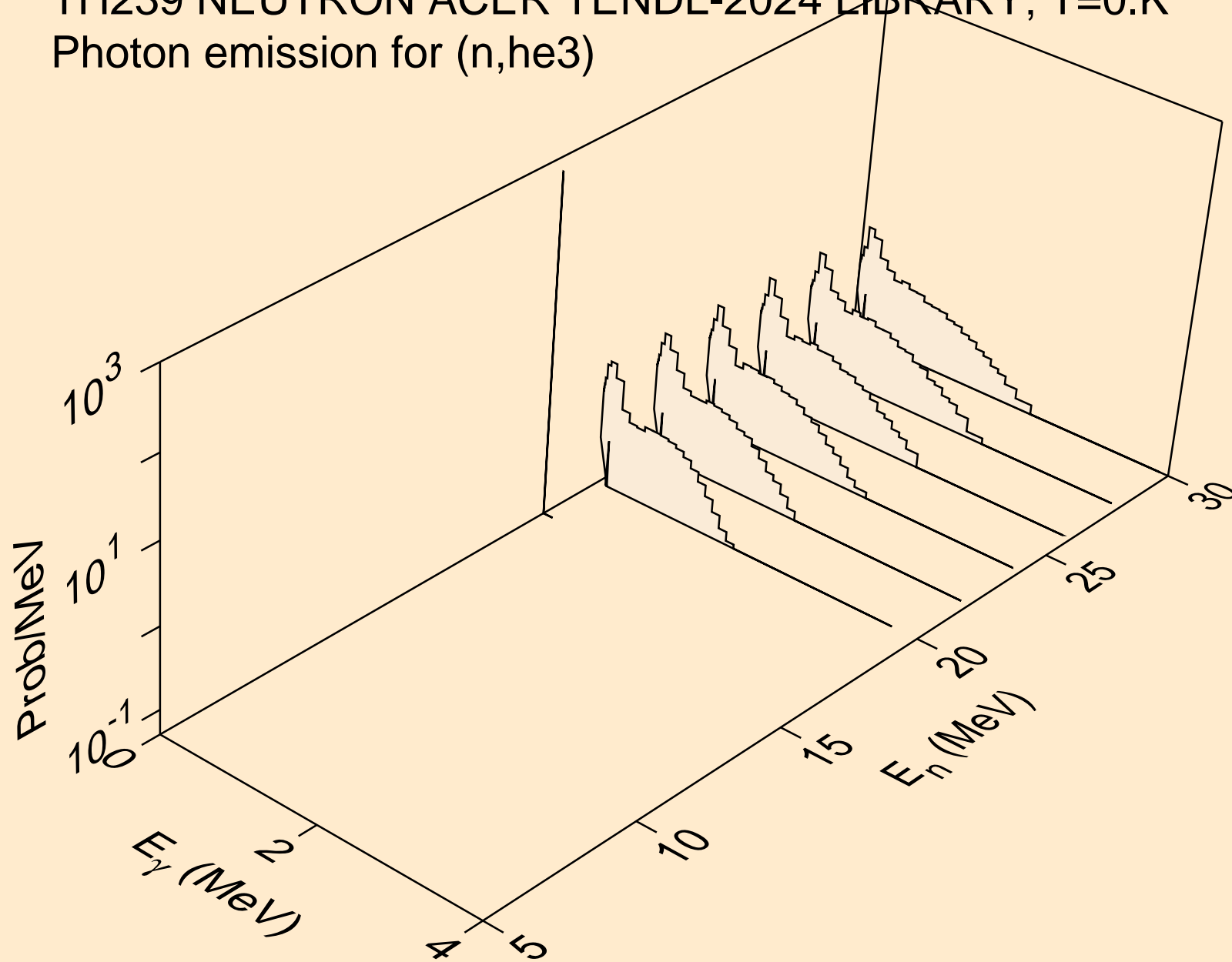




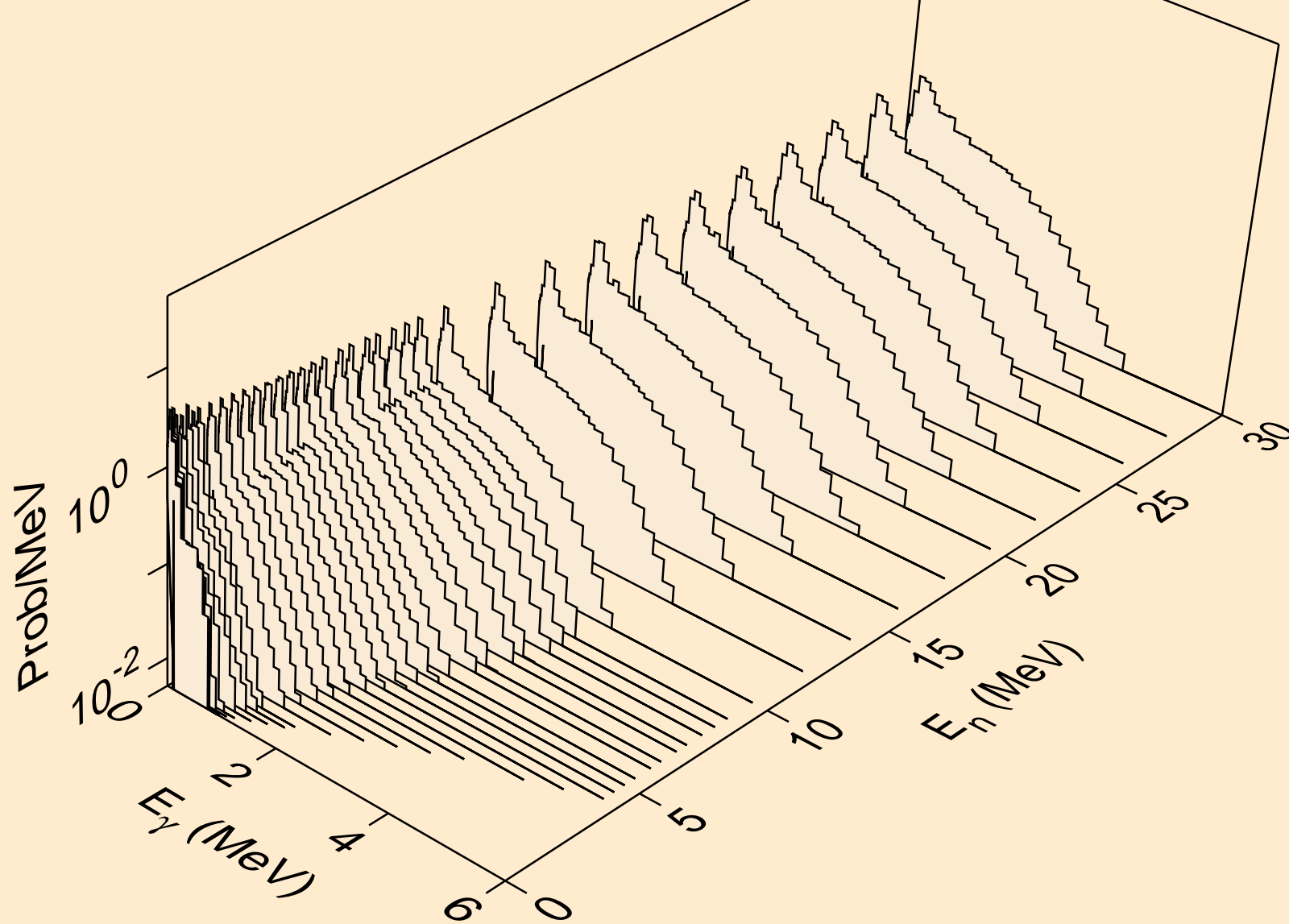
TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



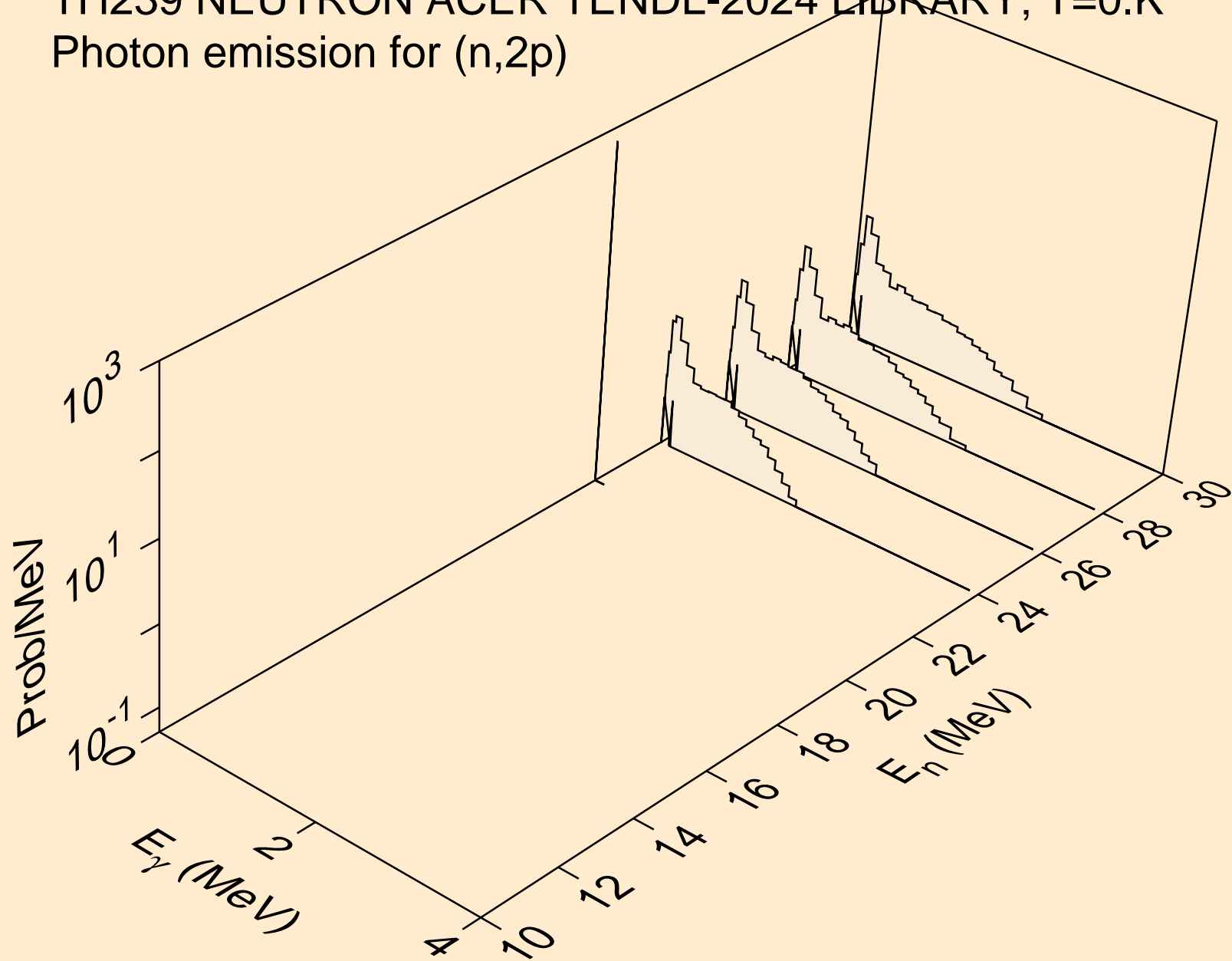
TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



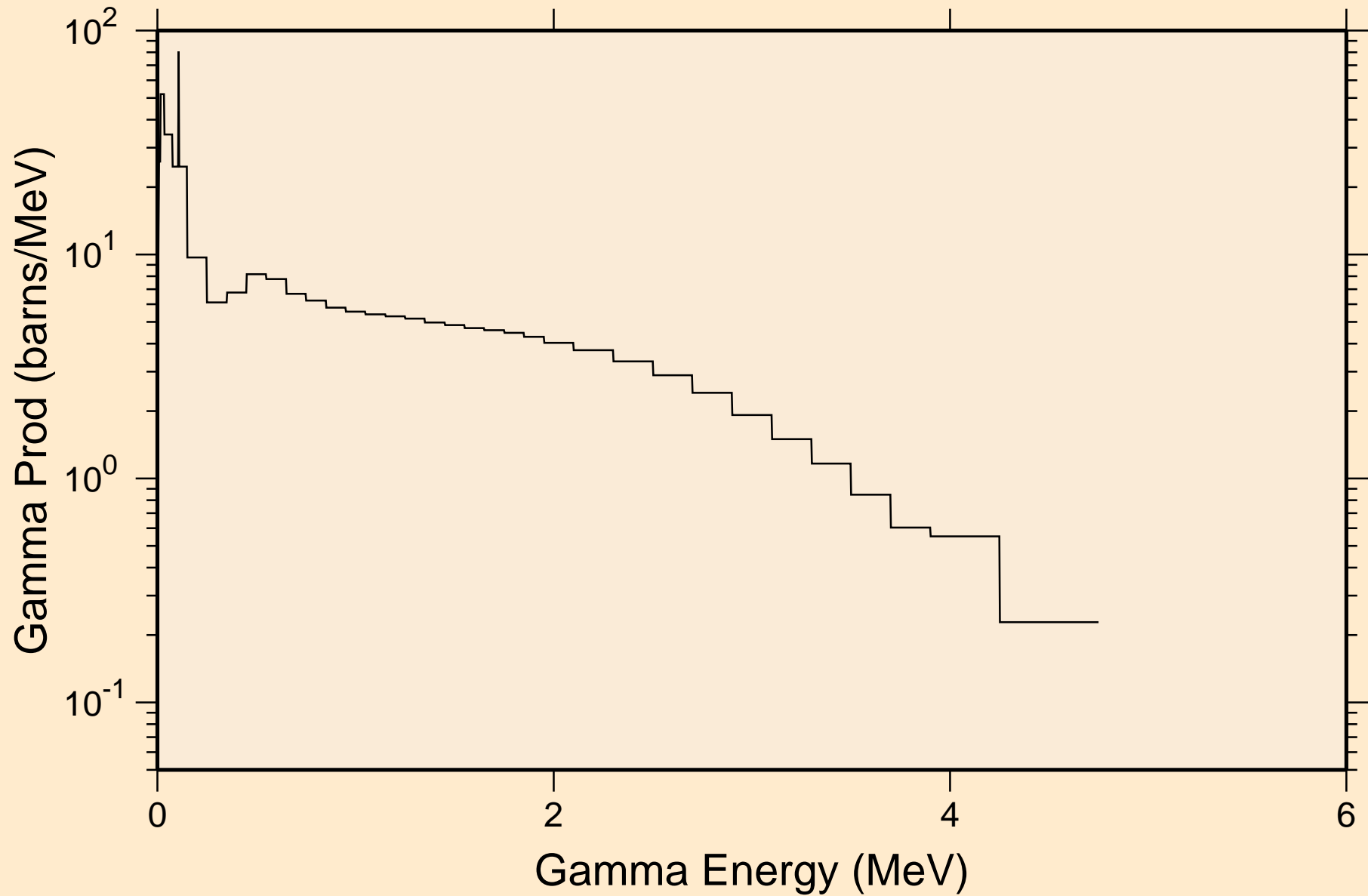
TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



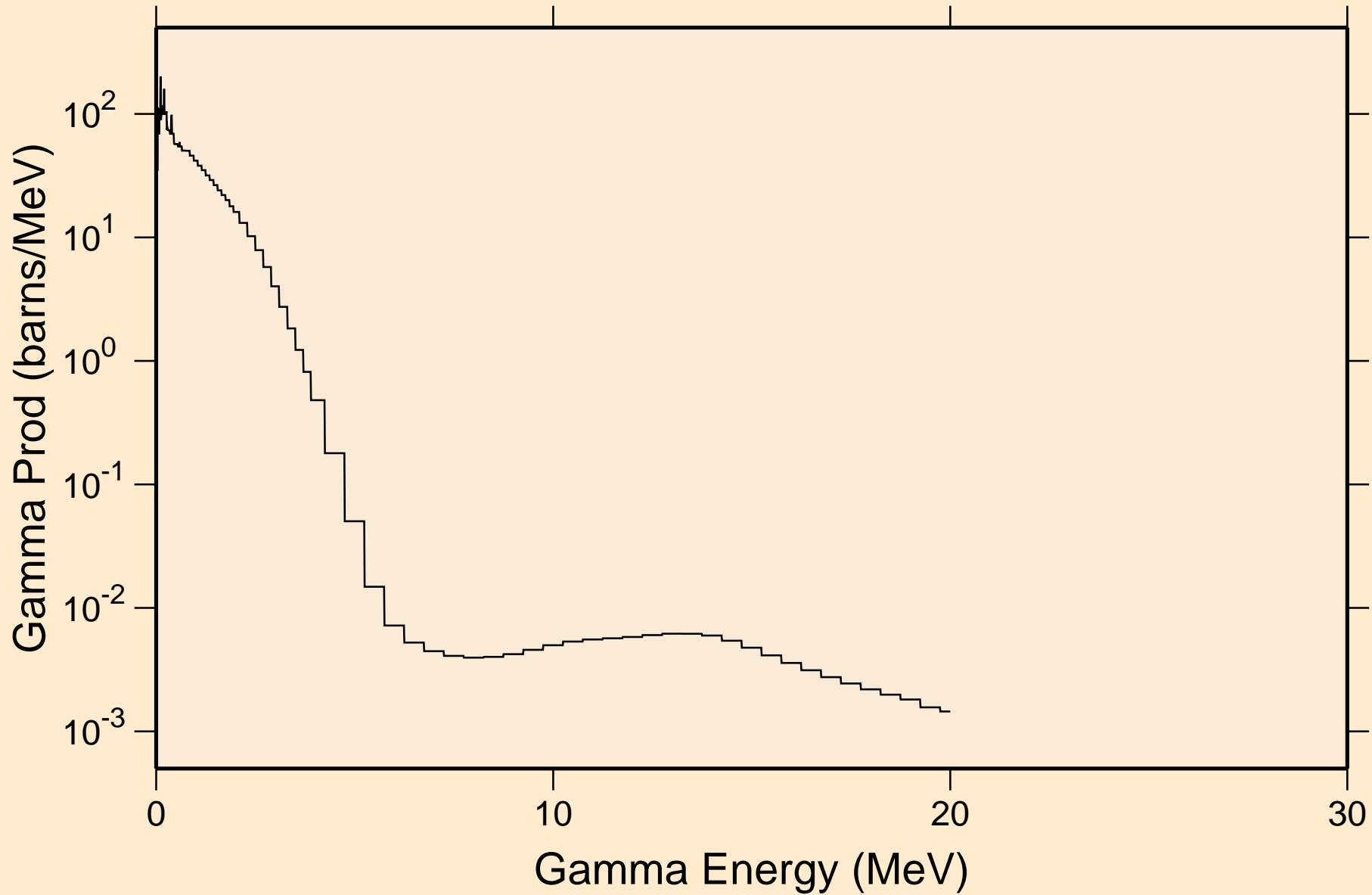
TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

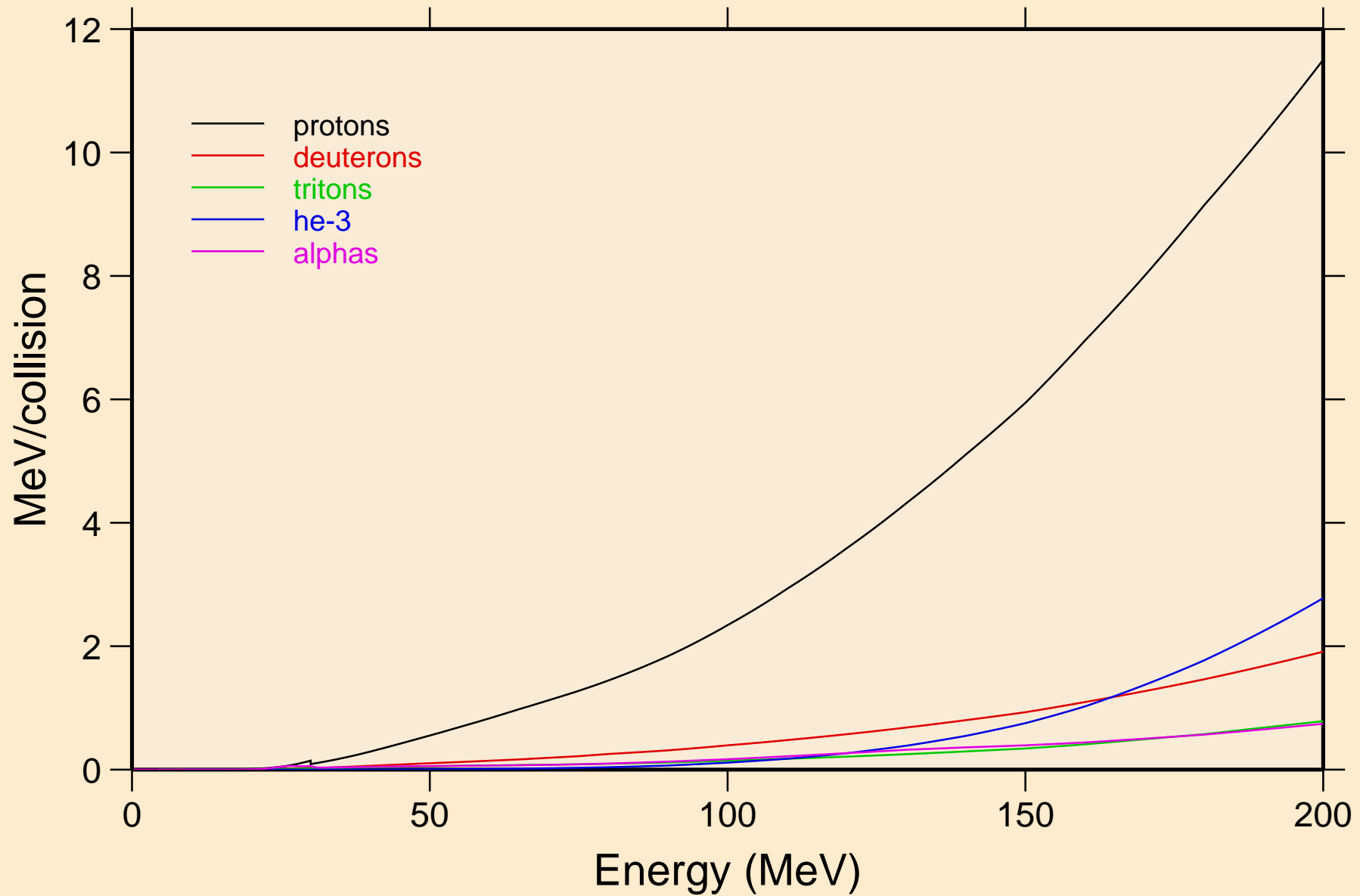


TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

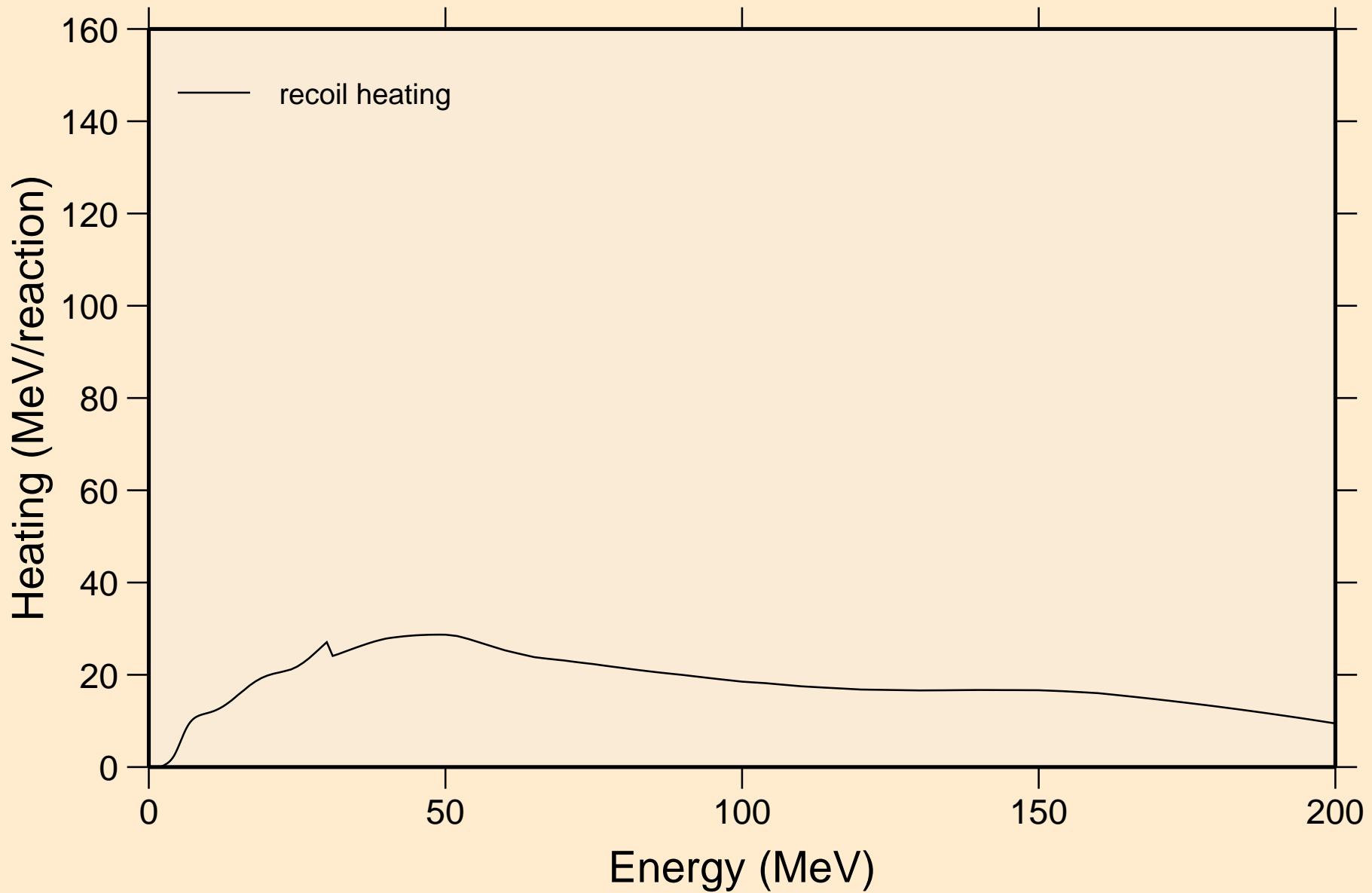


# TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions

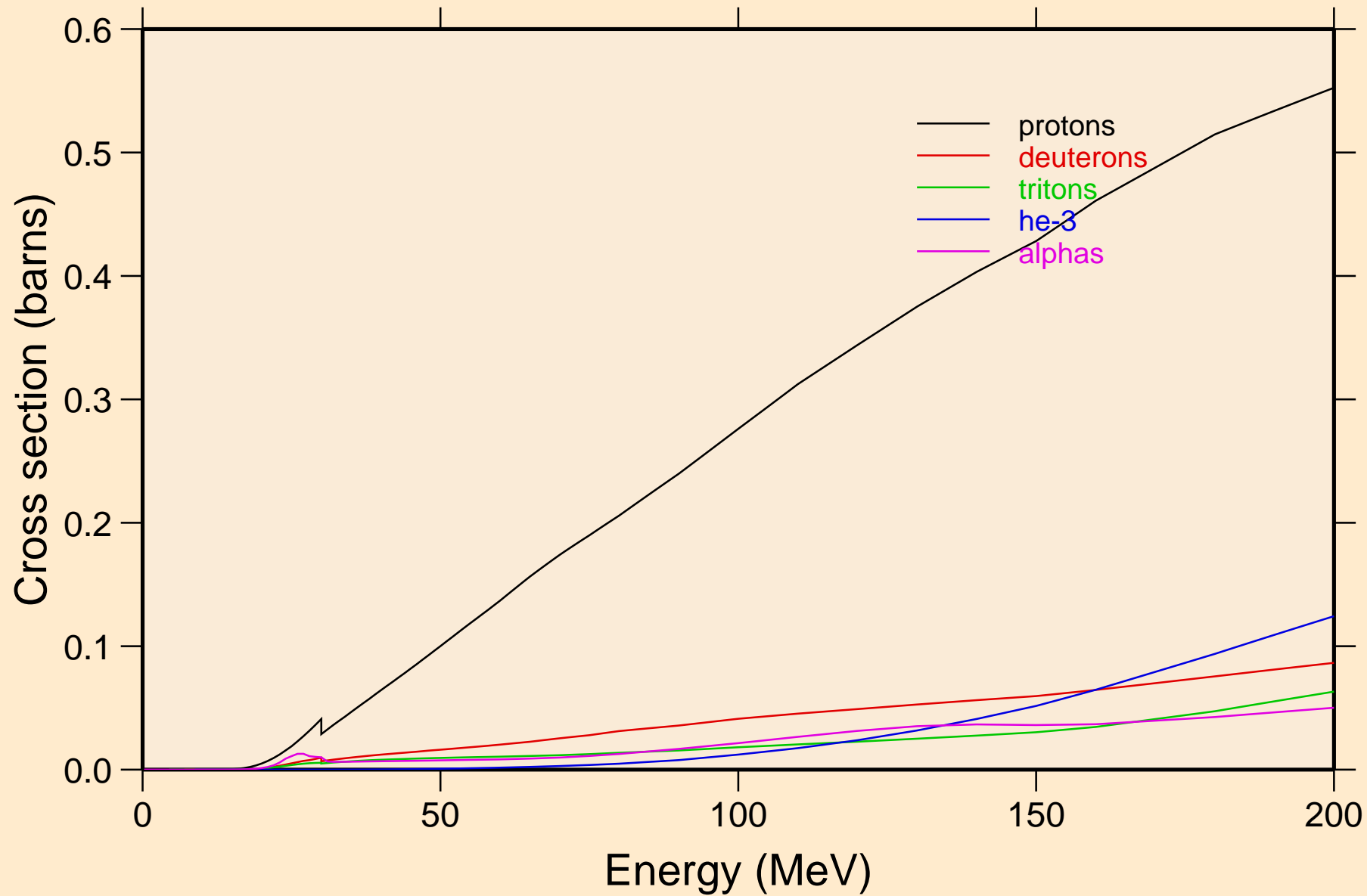


TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating

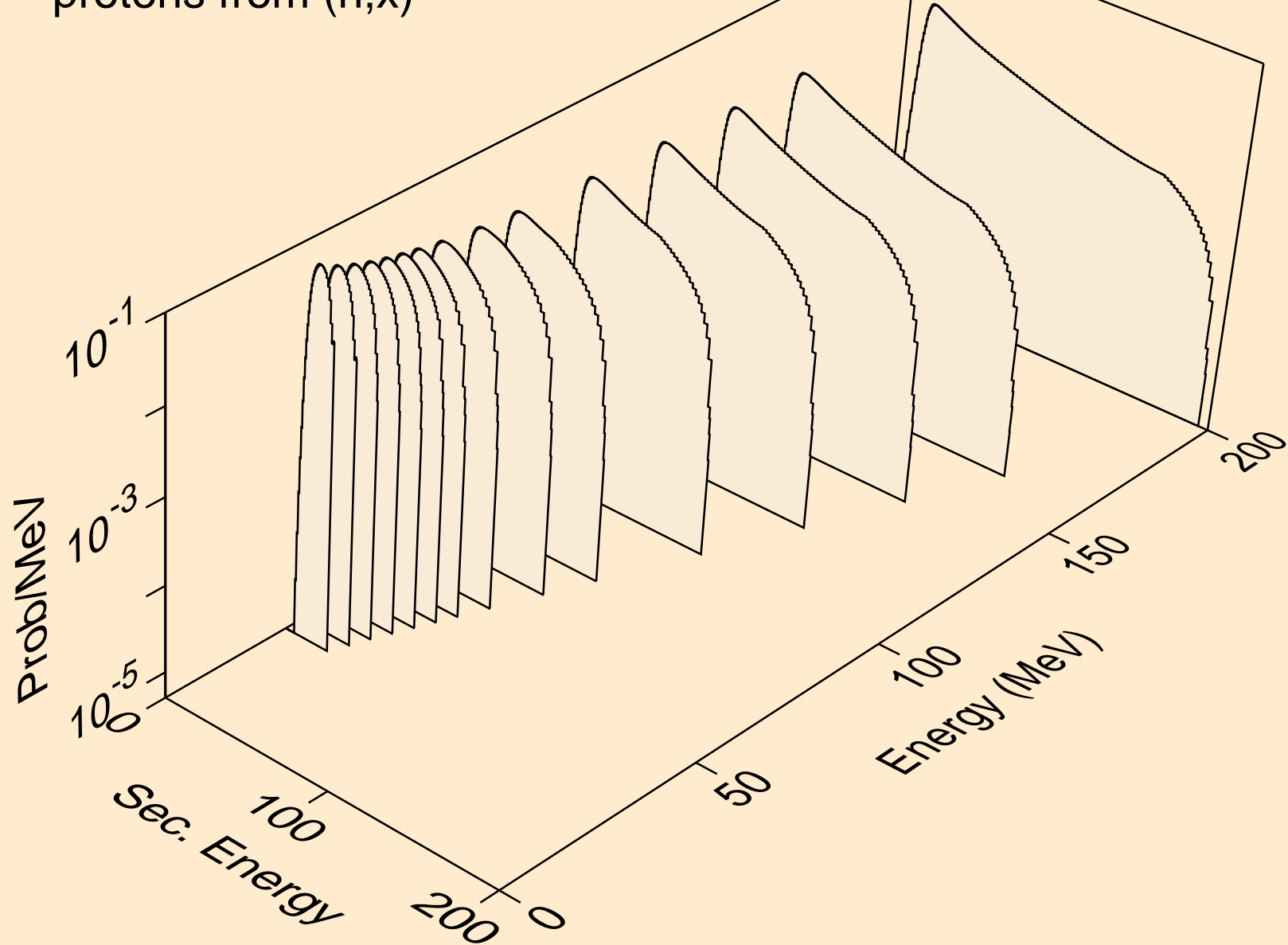




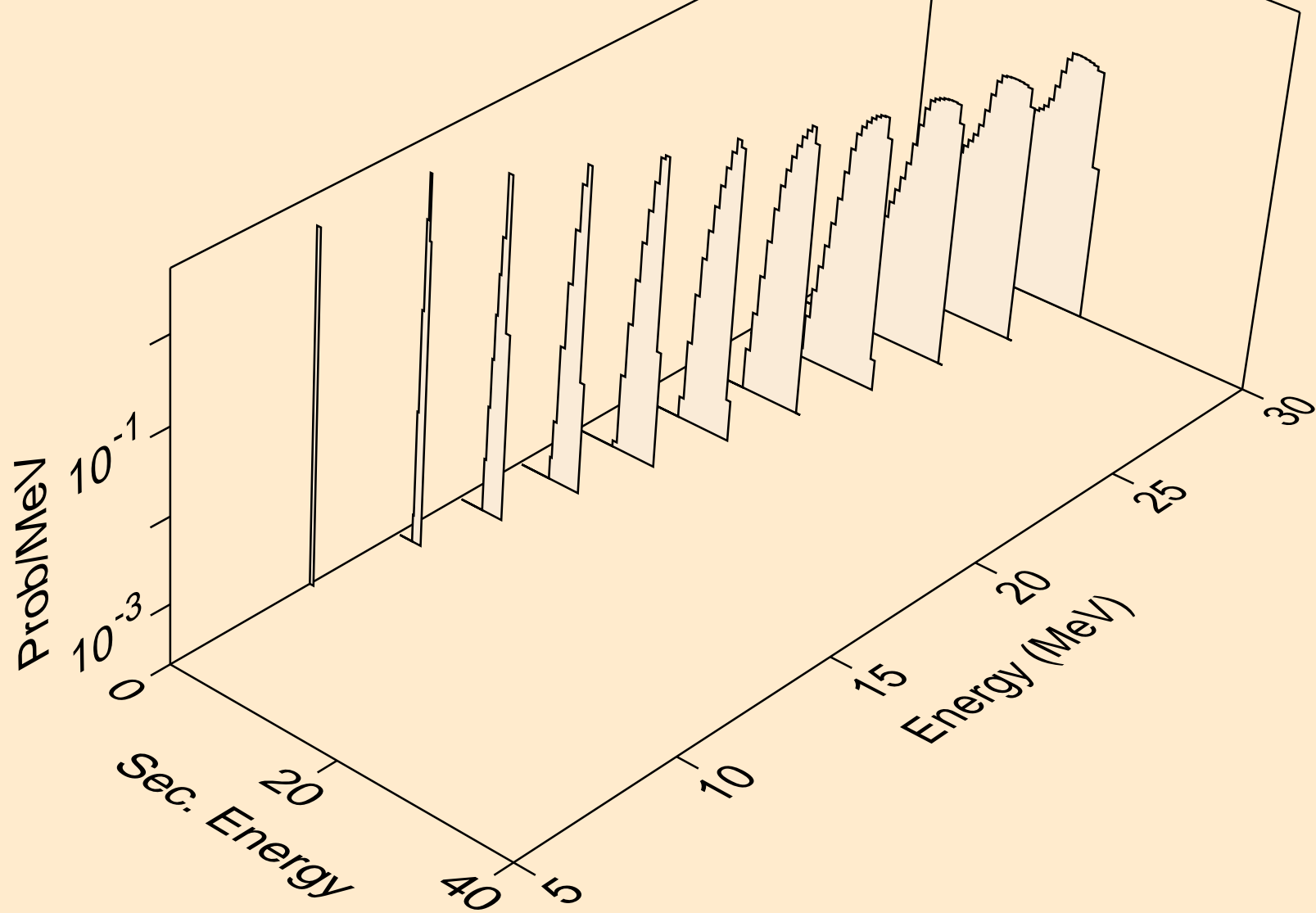
TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



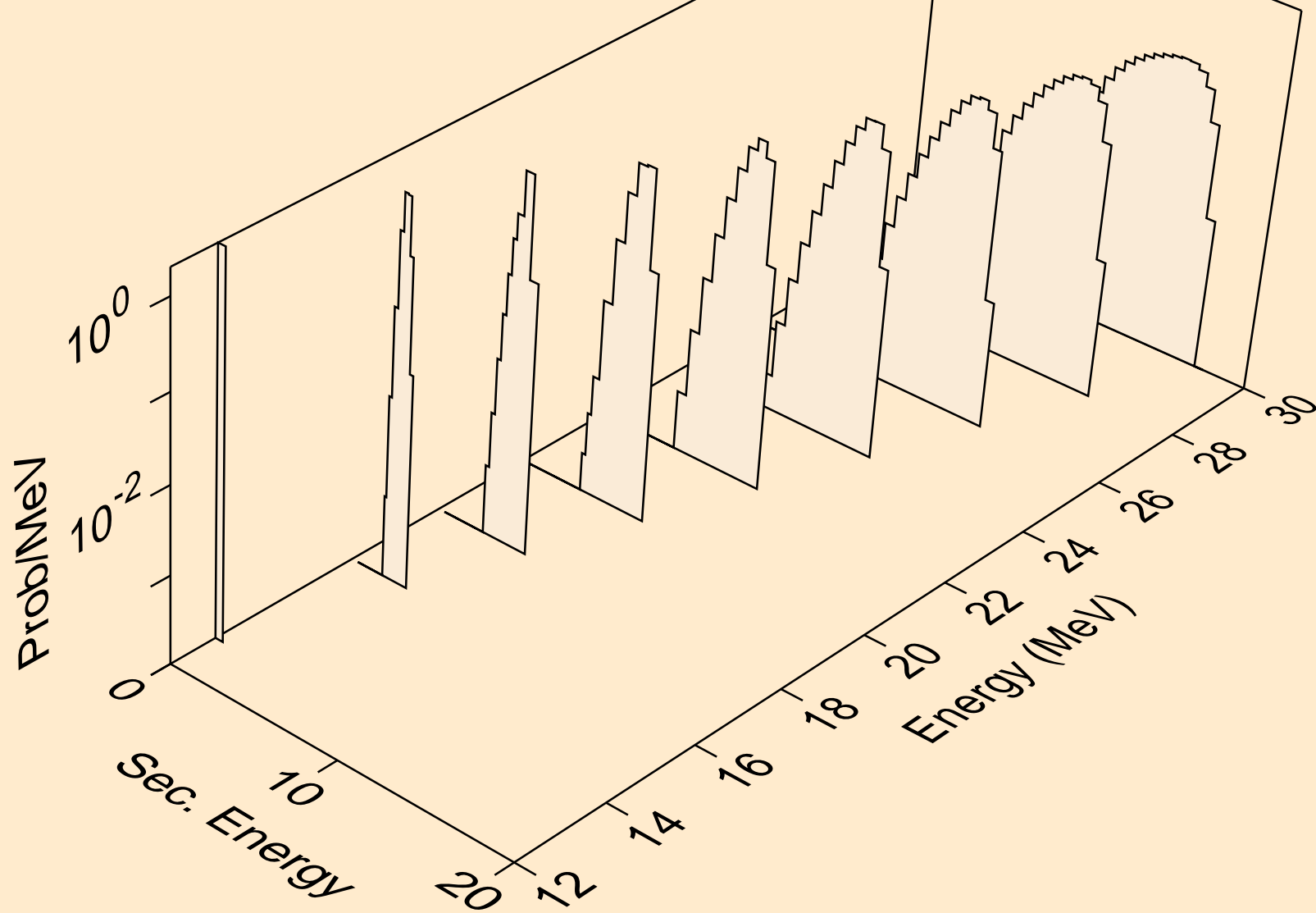
TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



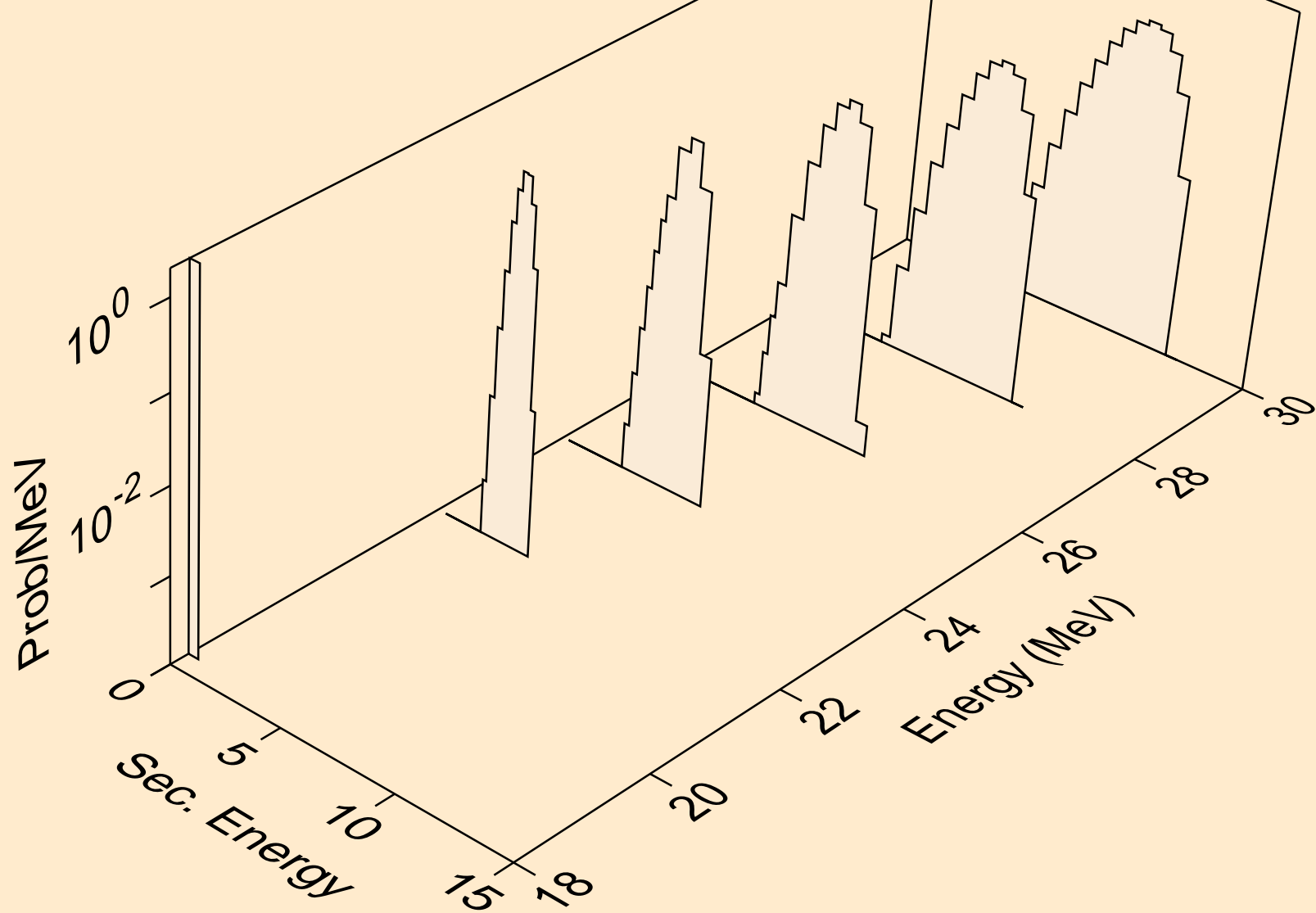
TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



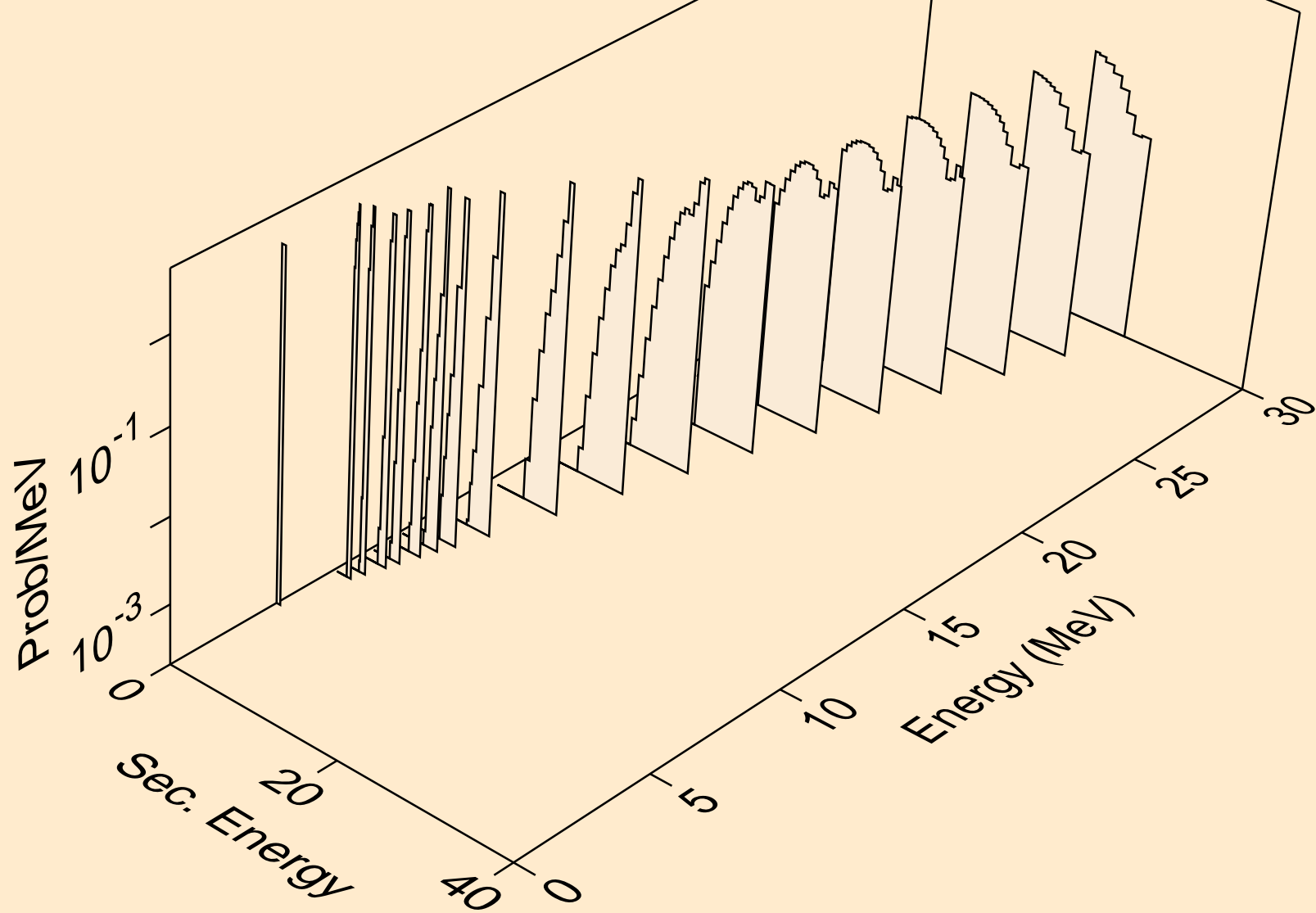
TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)



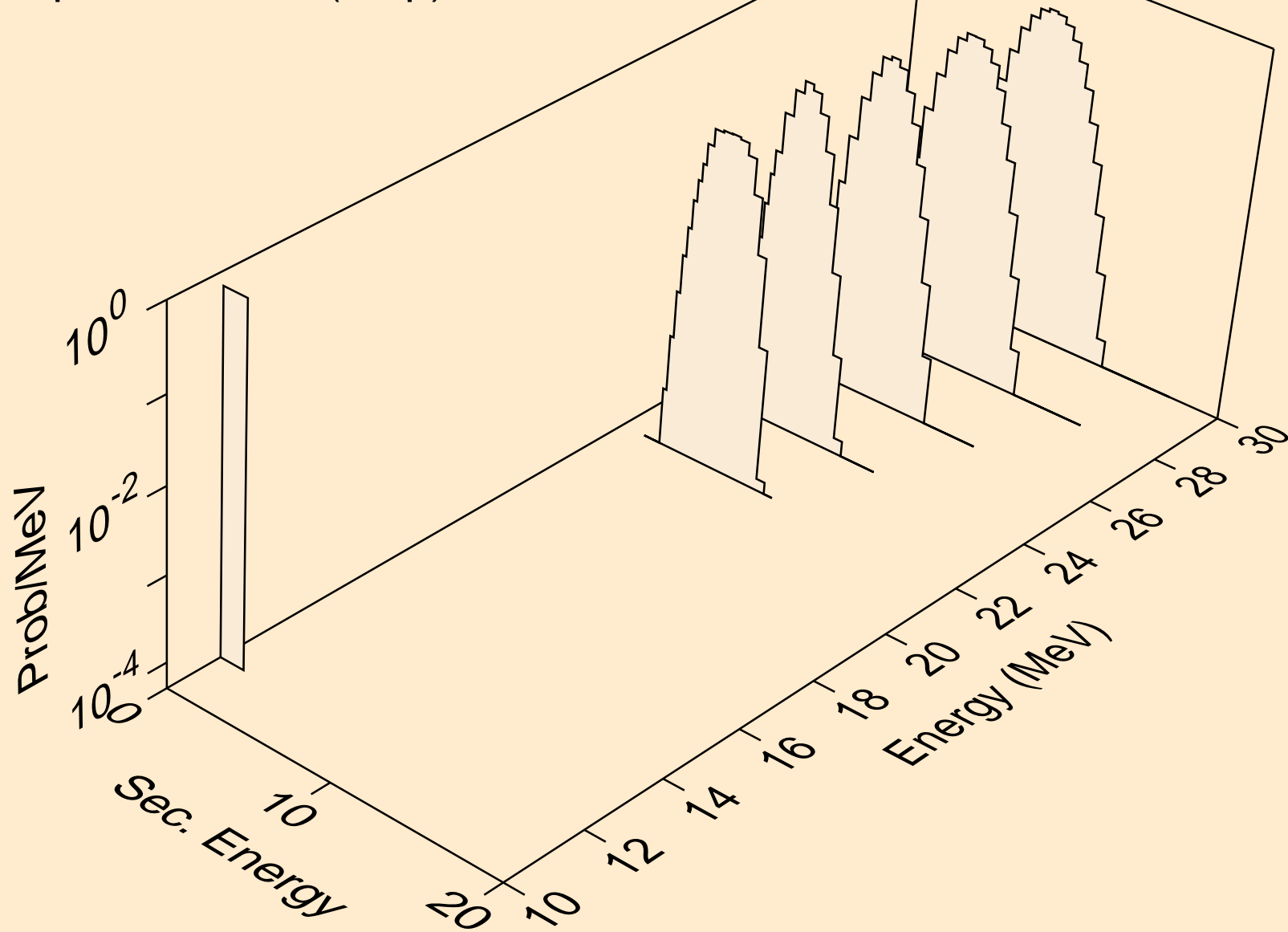
TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)



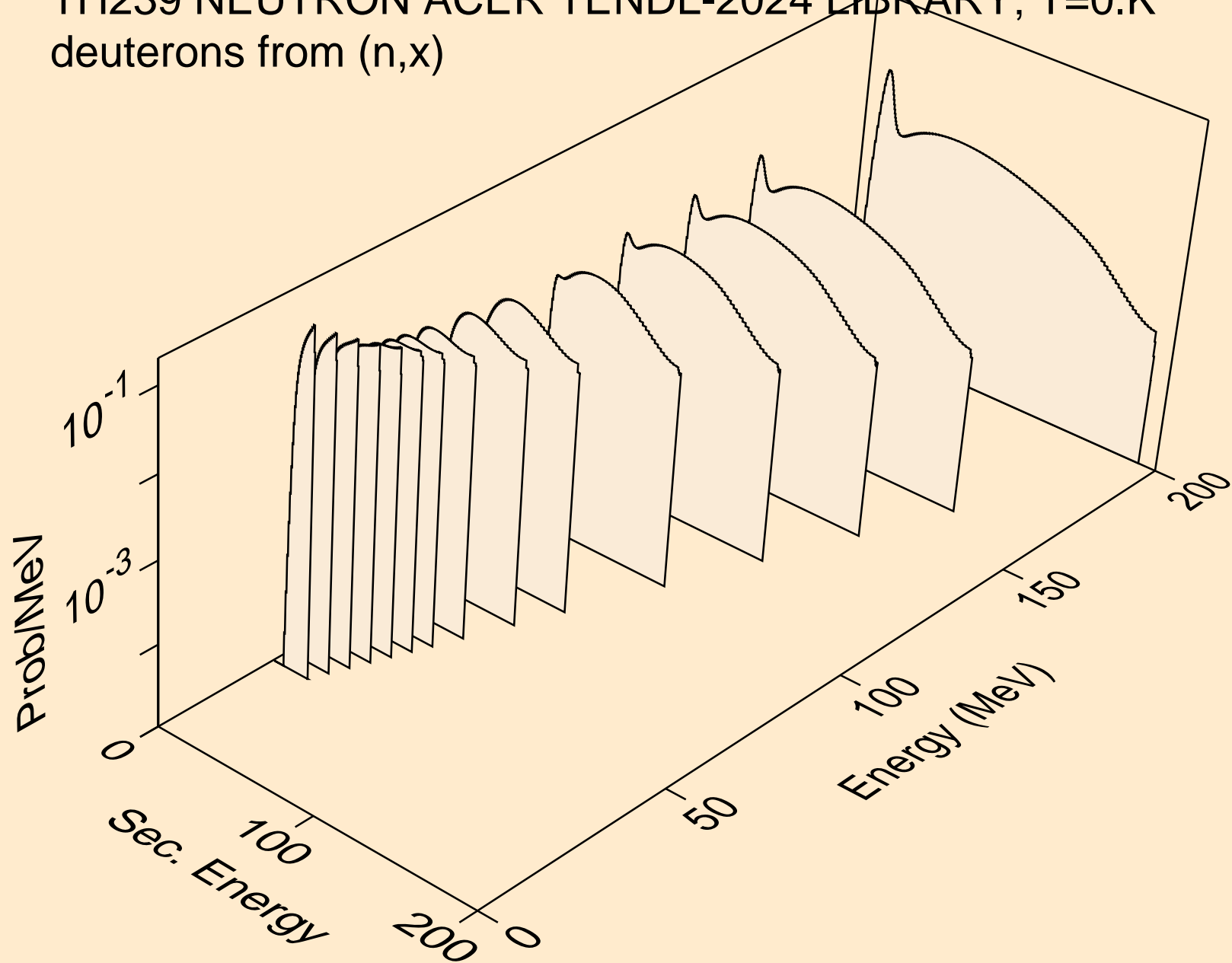
TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)



TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2p)

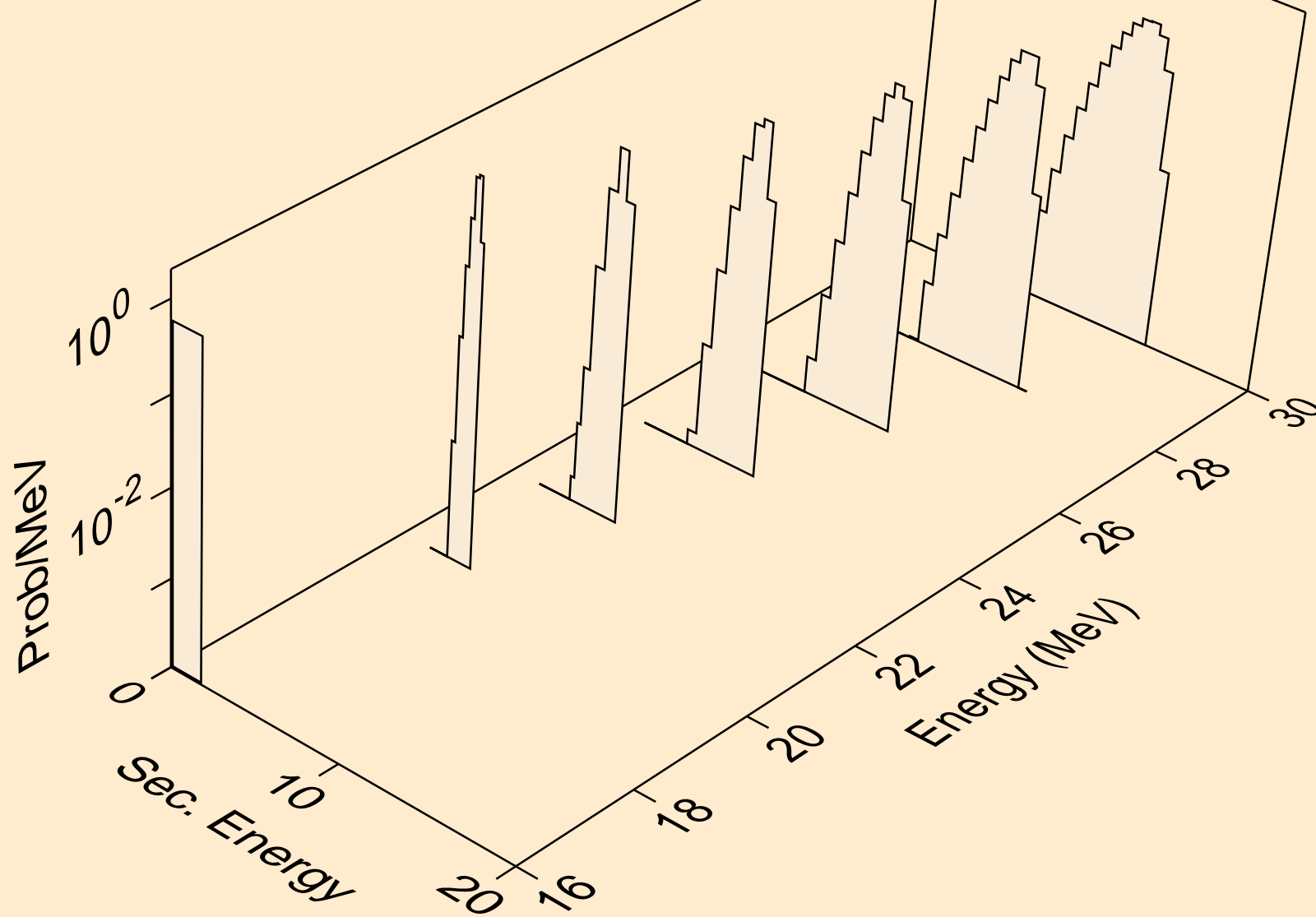


TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)

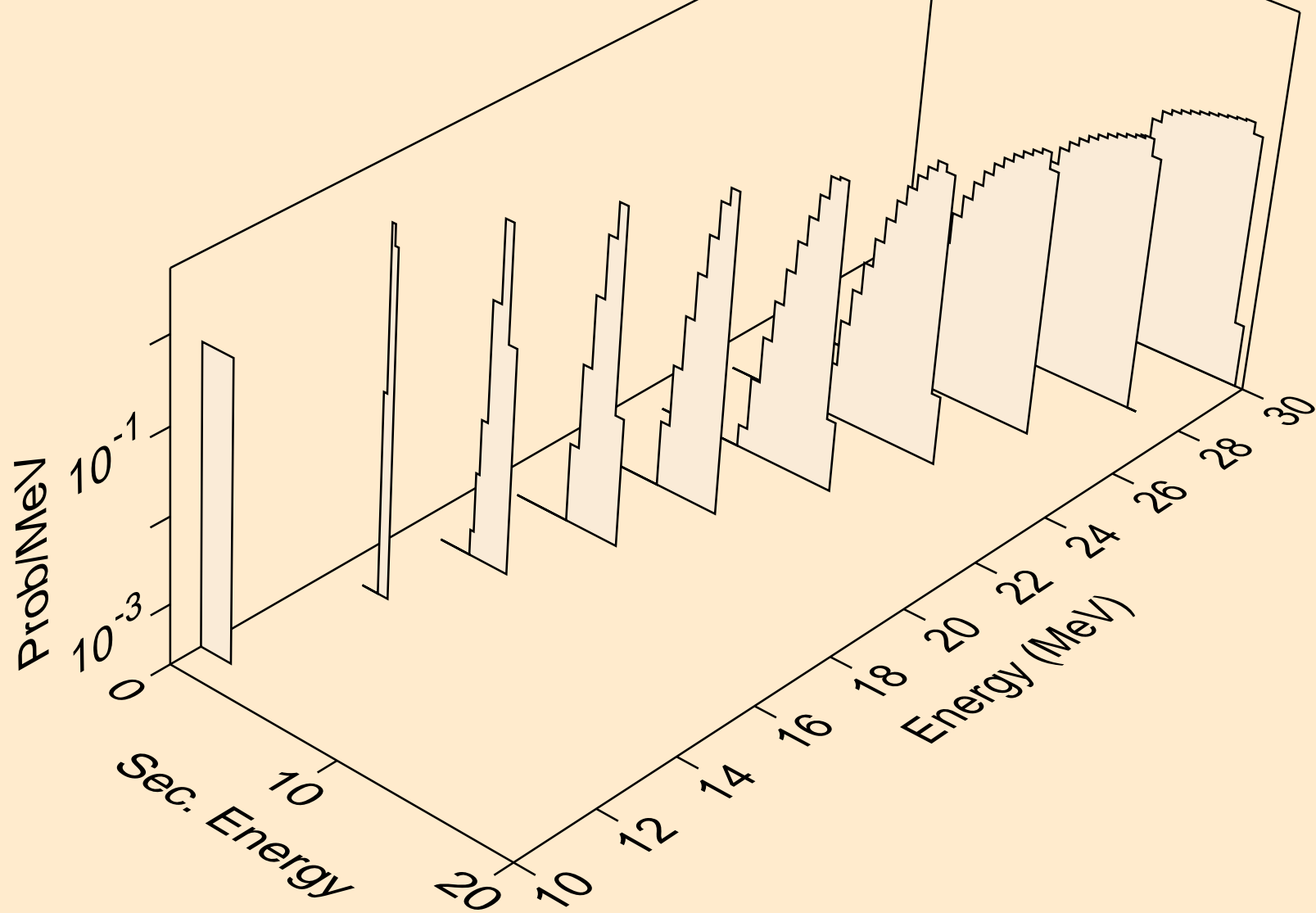




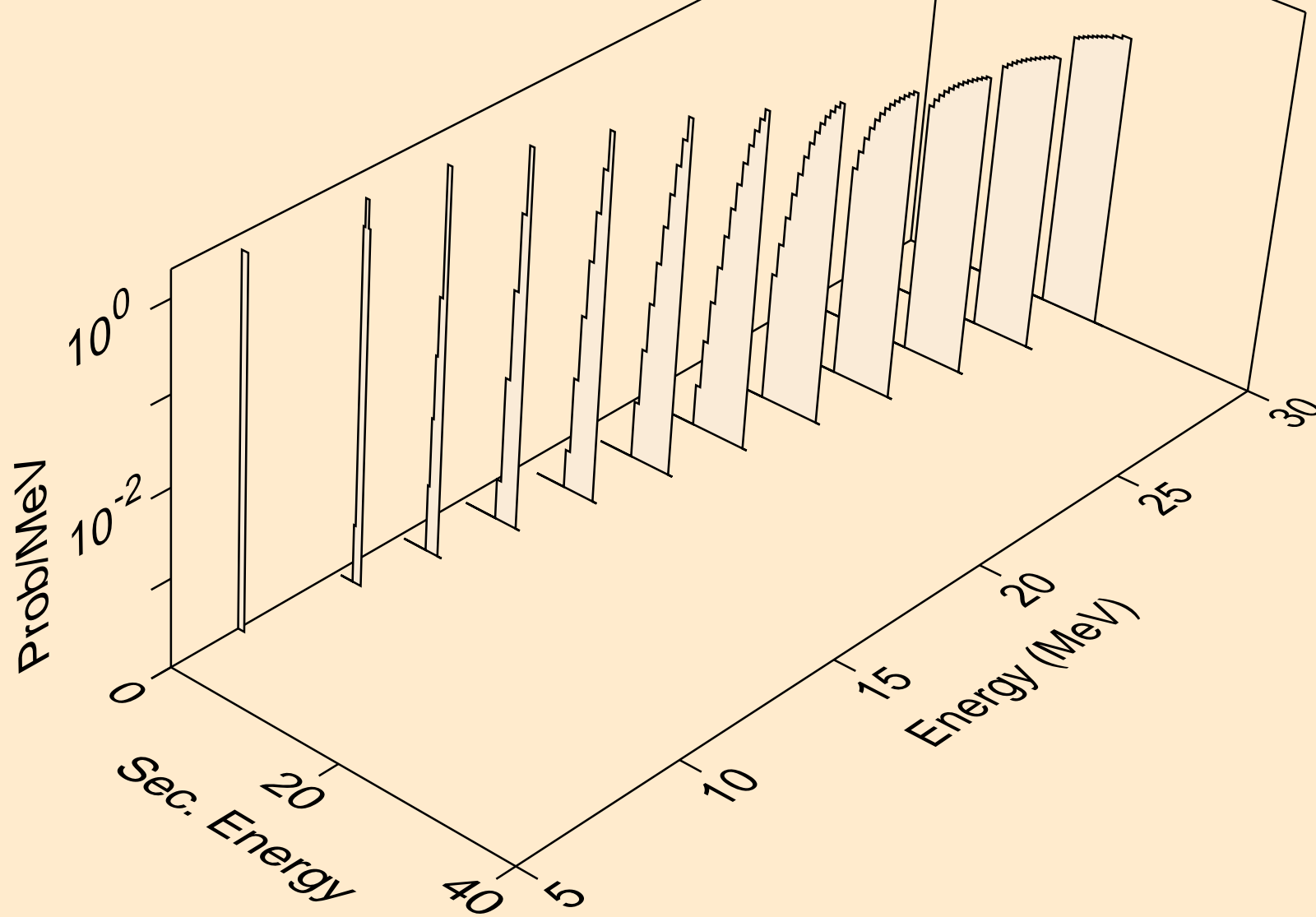
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deuterons from (n,2nd)



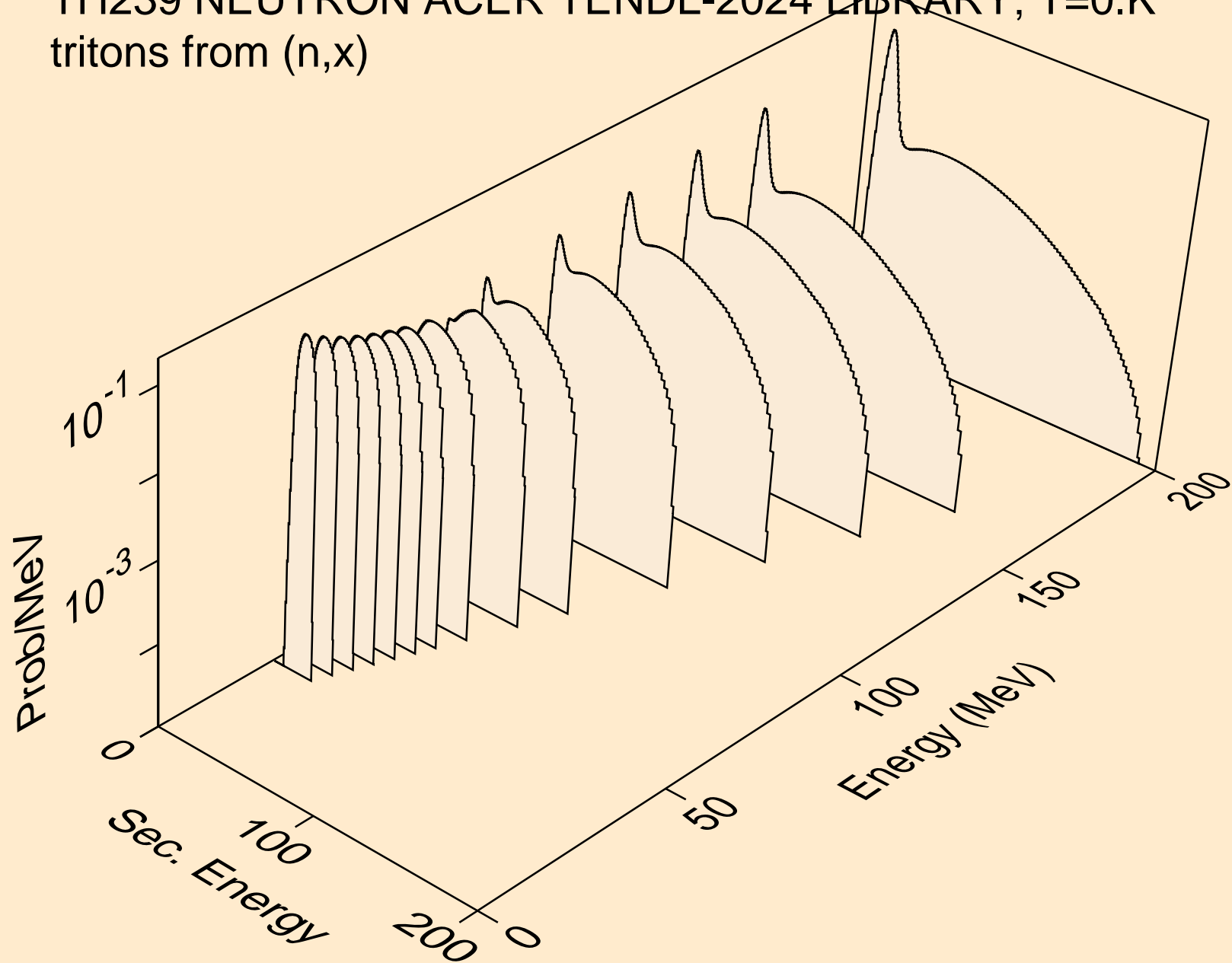
TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d



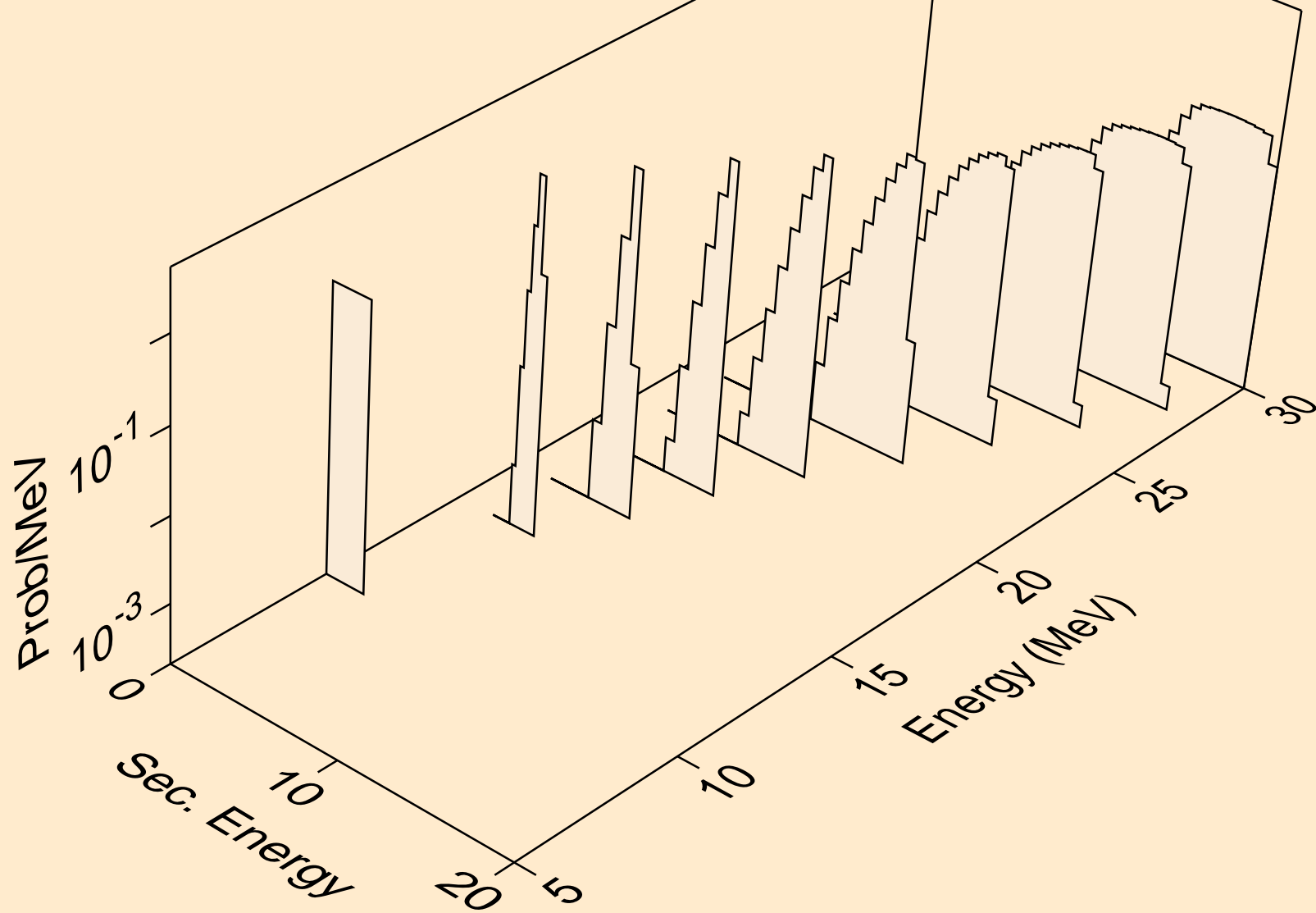
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deuterons from (n,d)



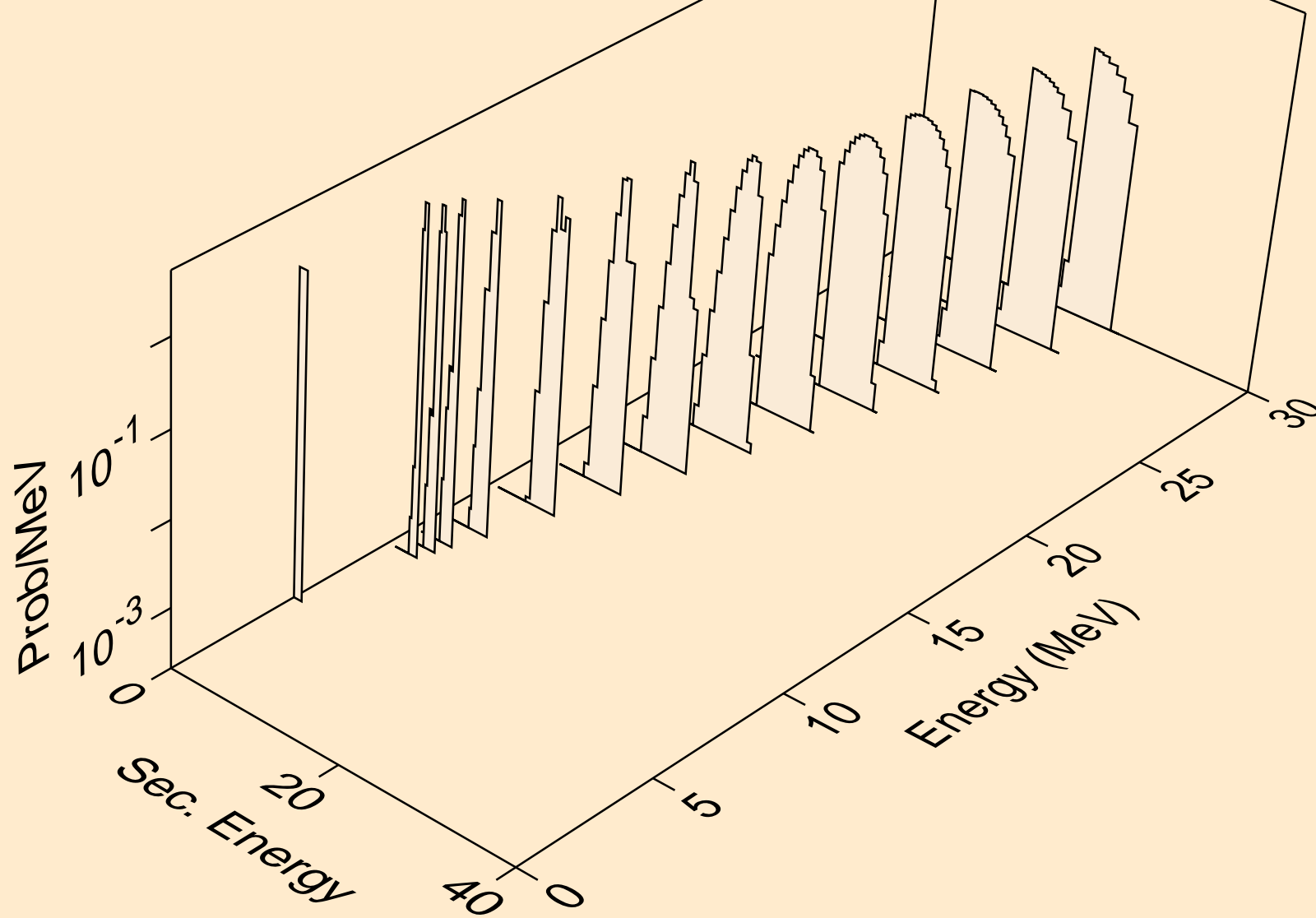
TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)



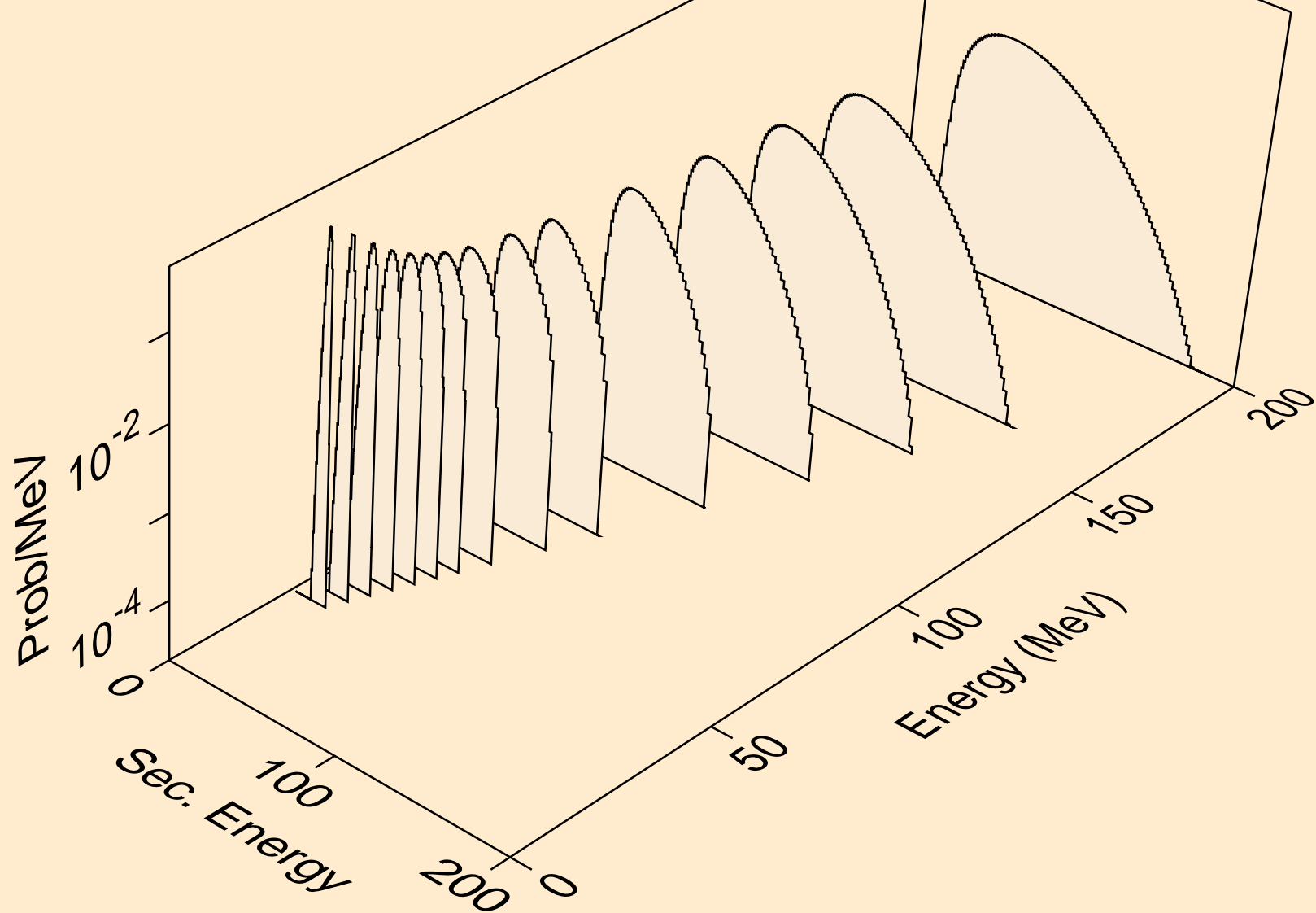
TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



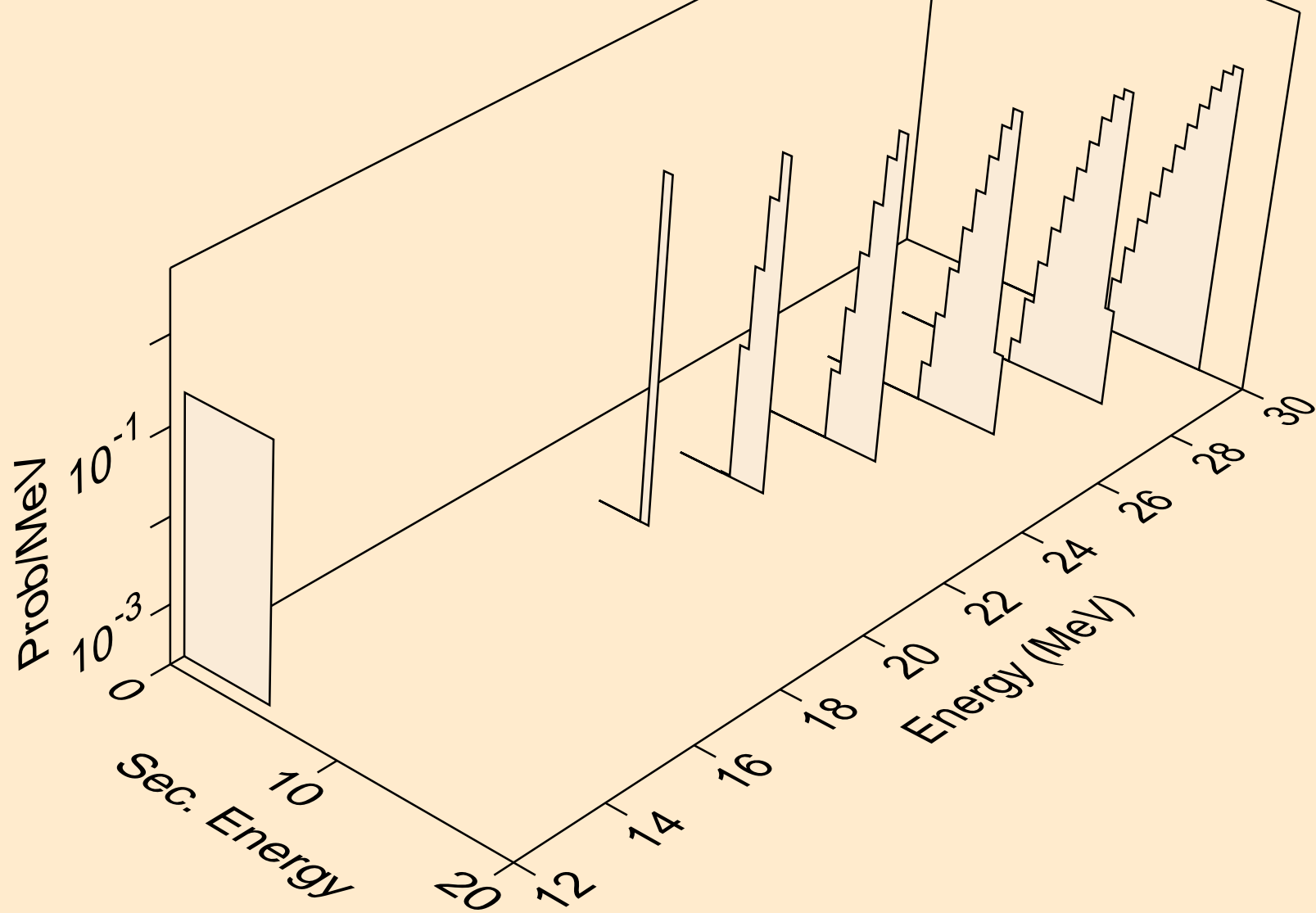
TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)



TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)

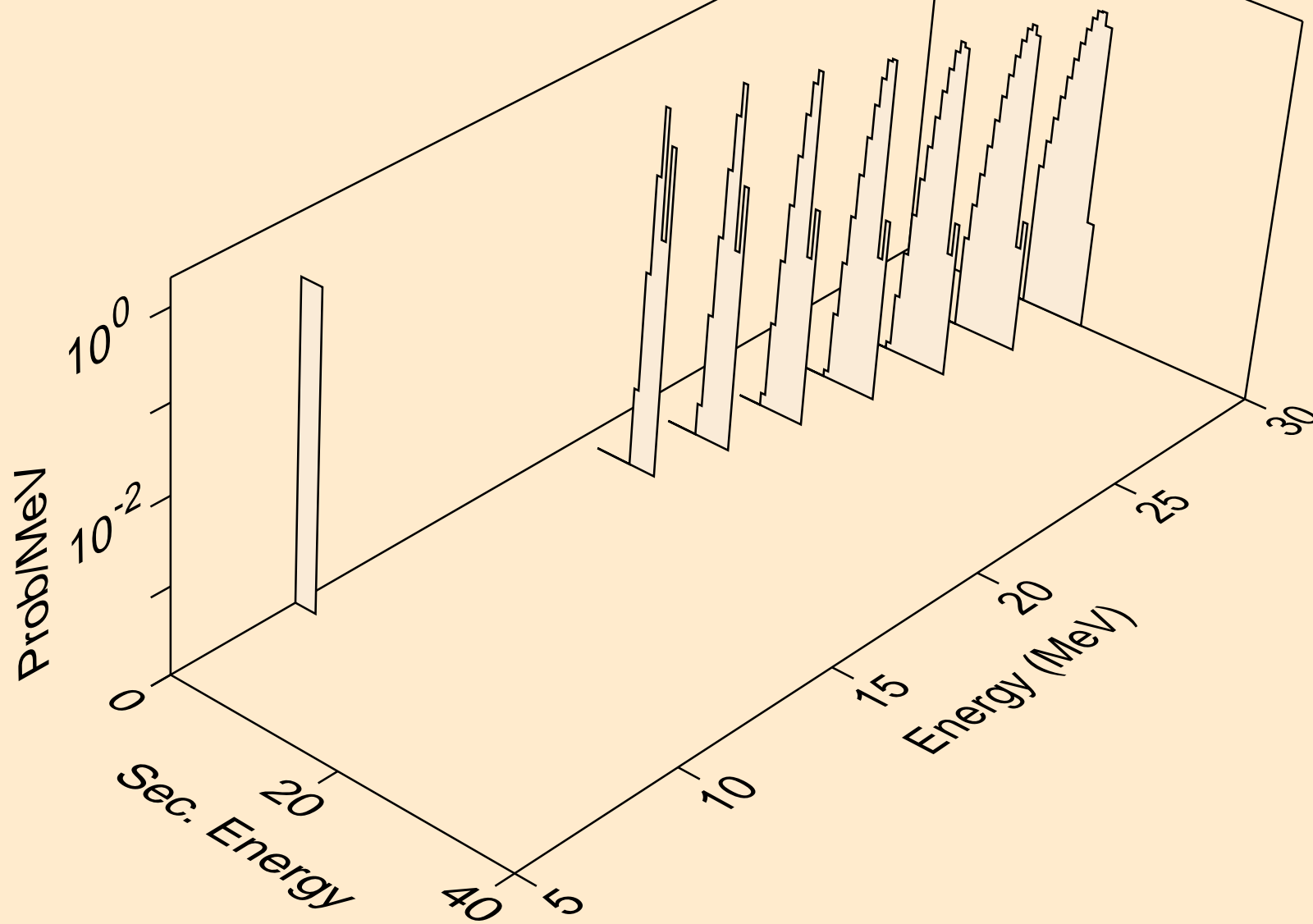


TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3

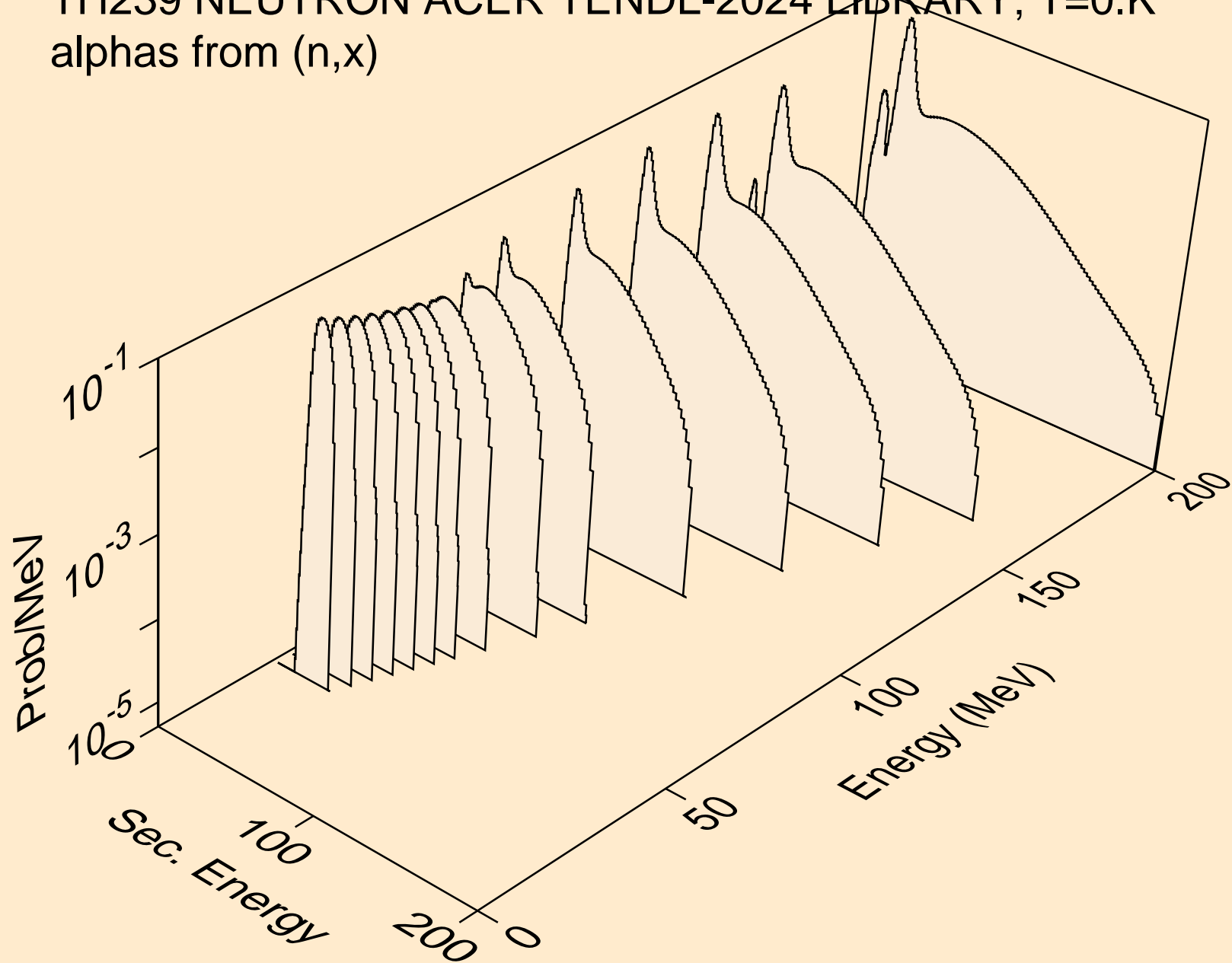




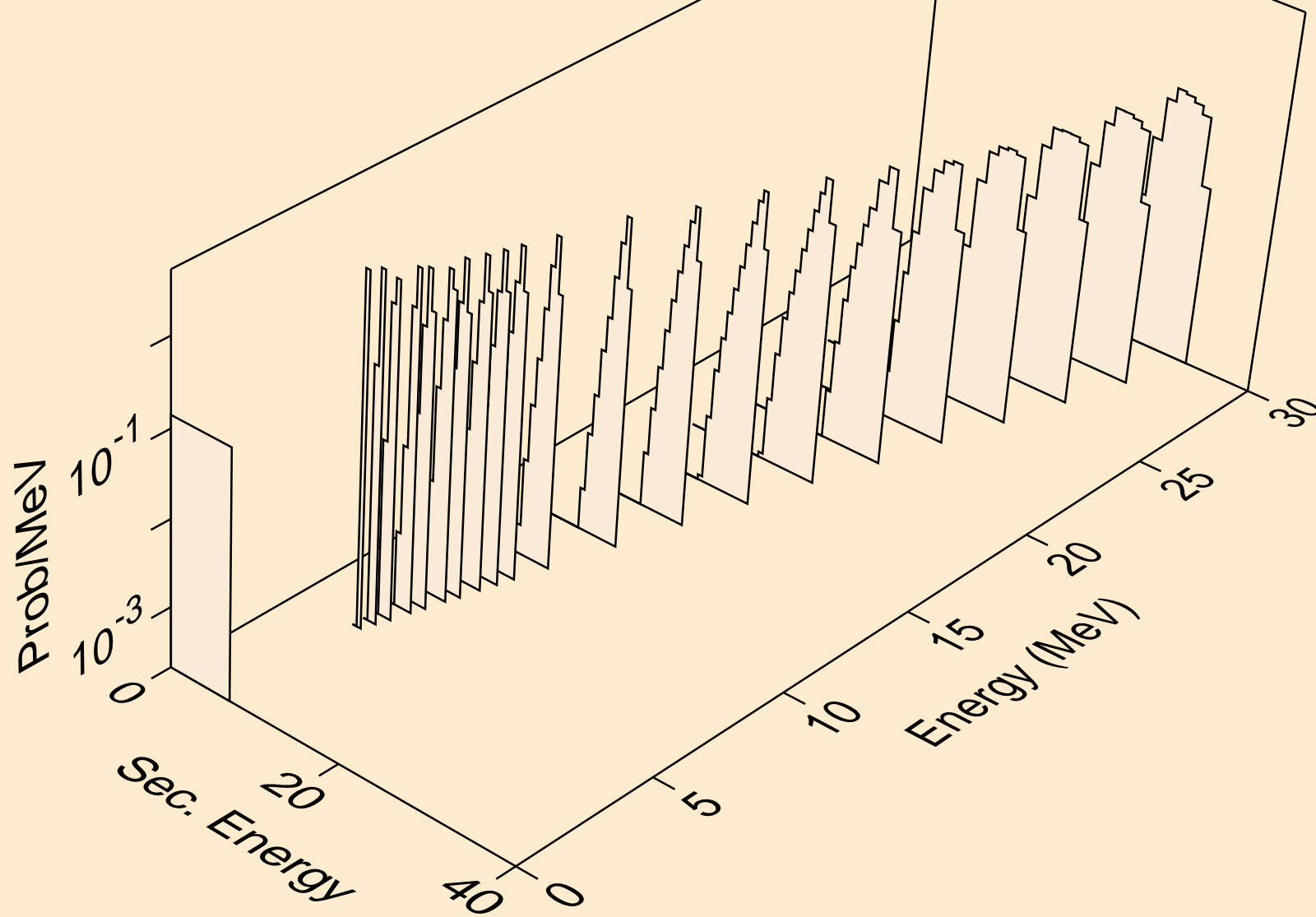
TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)



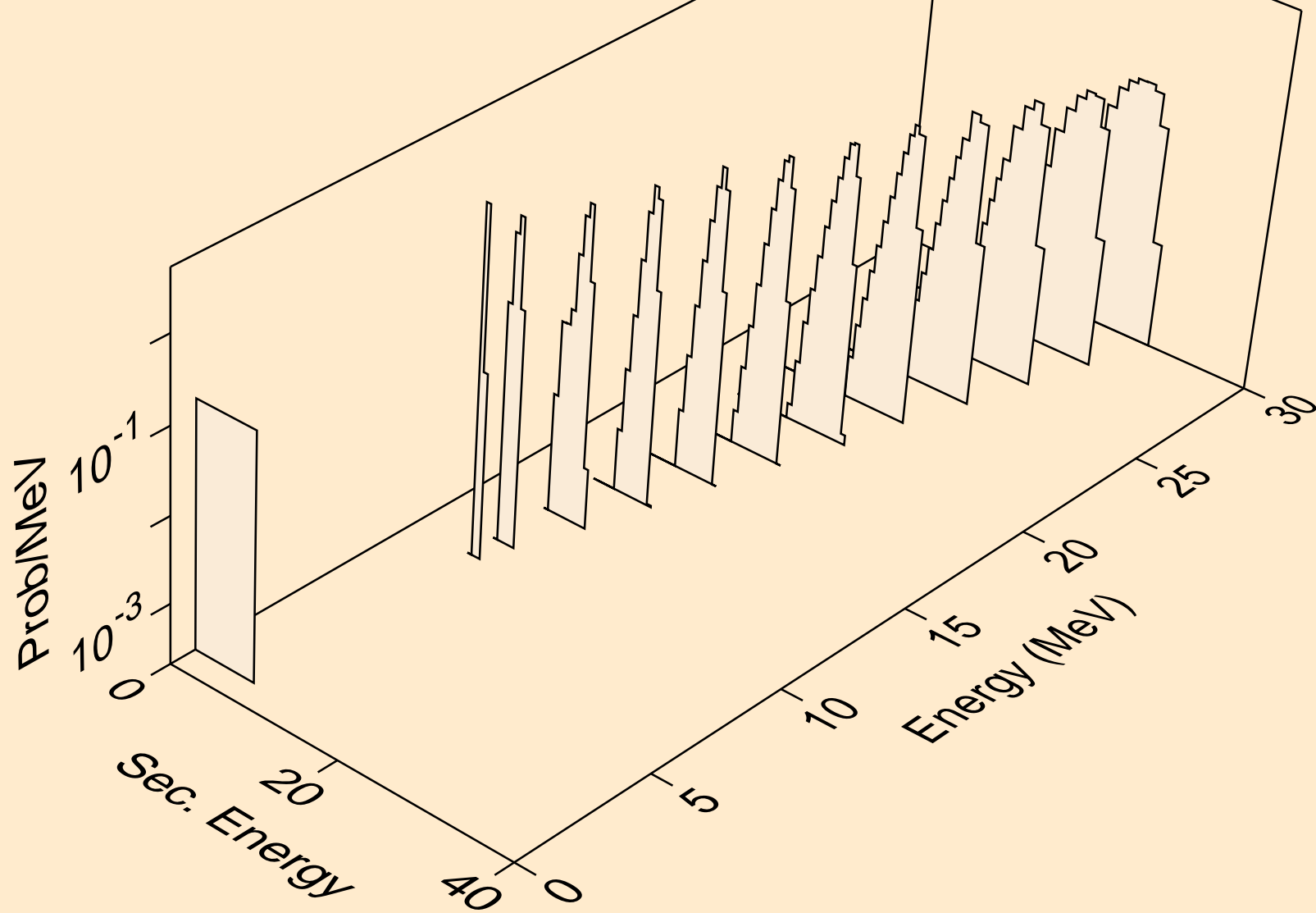
TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



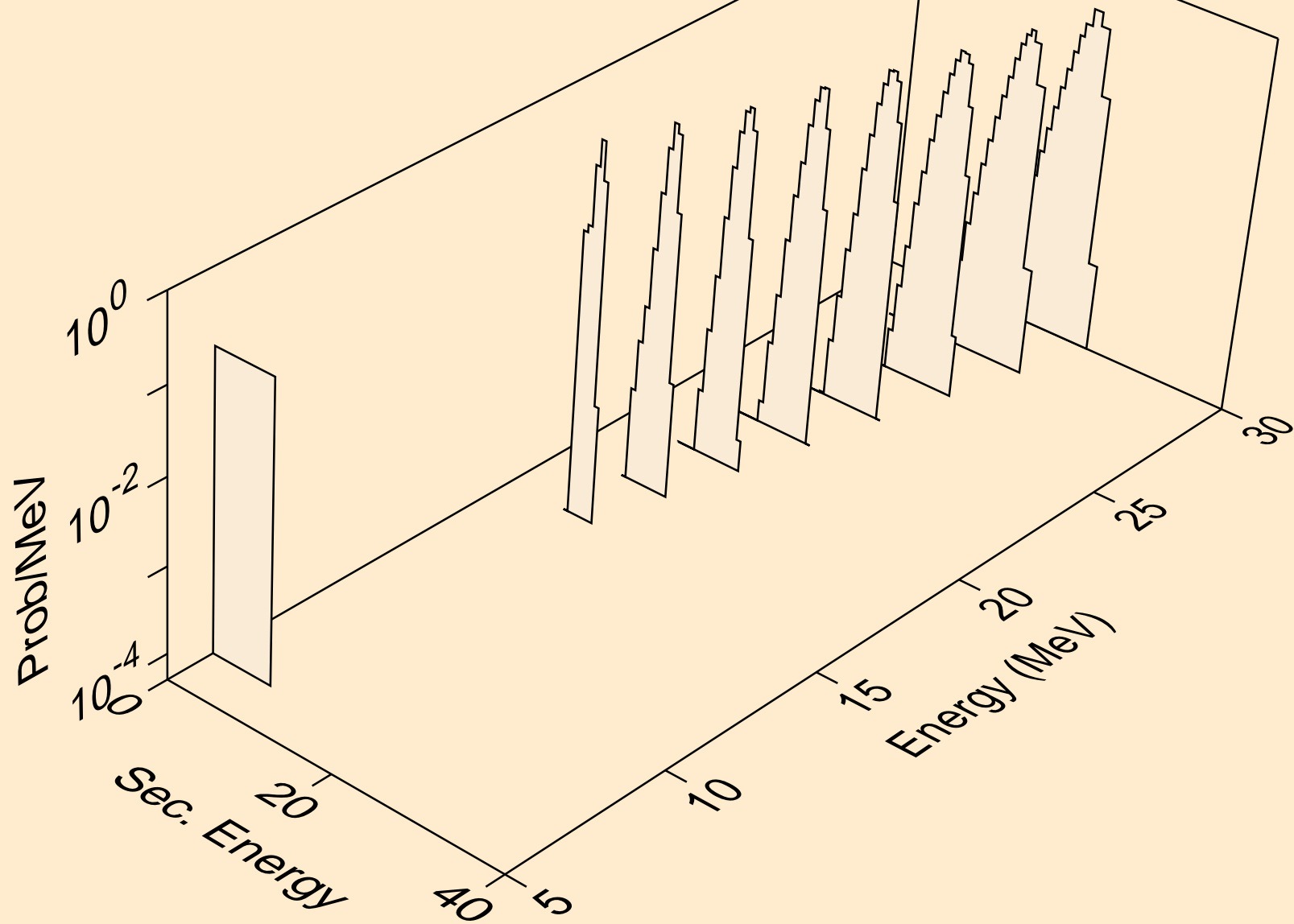
TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



TH239 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)

