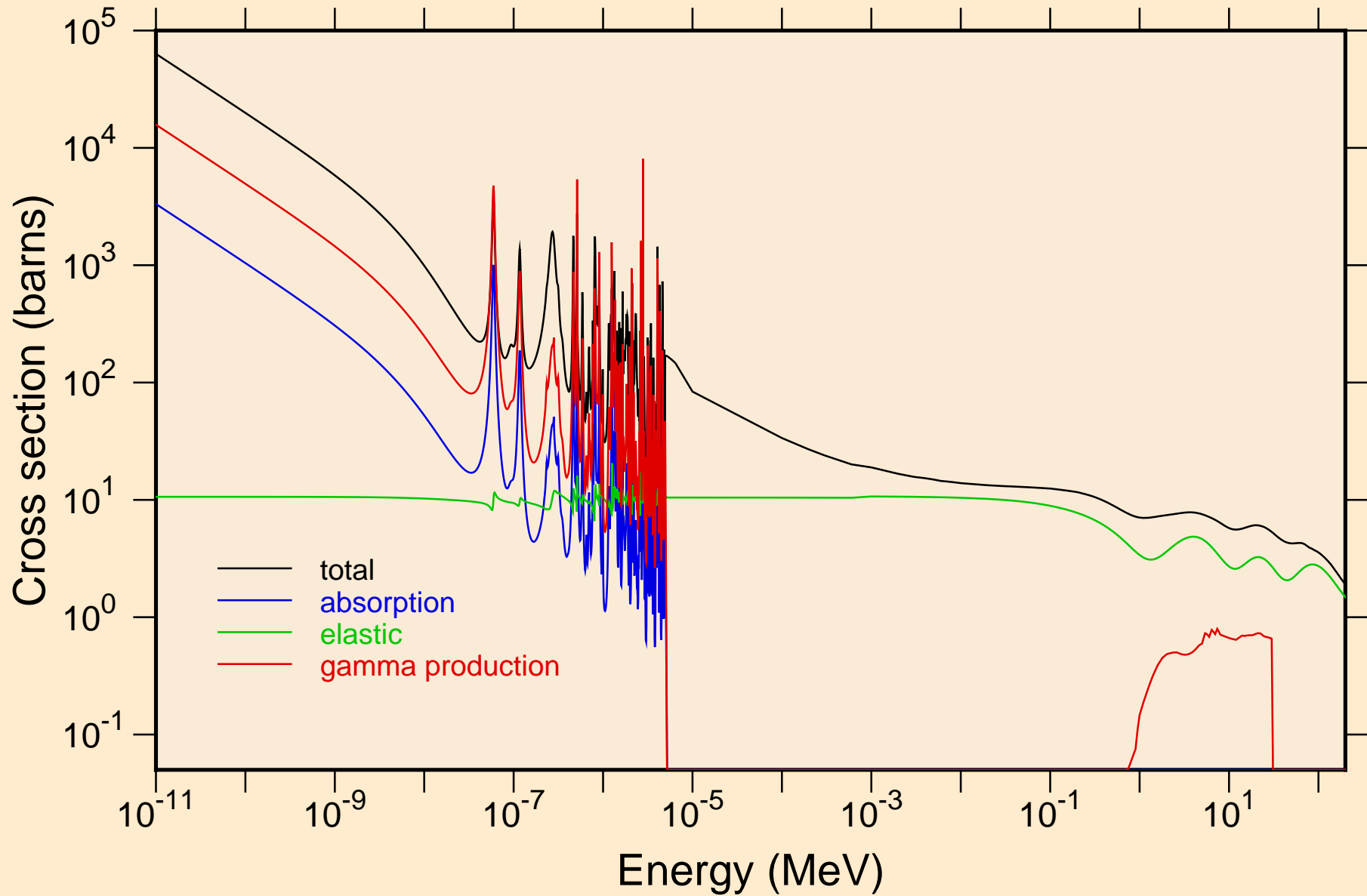
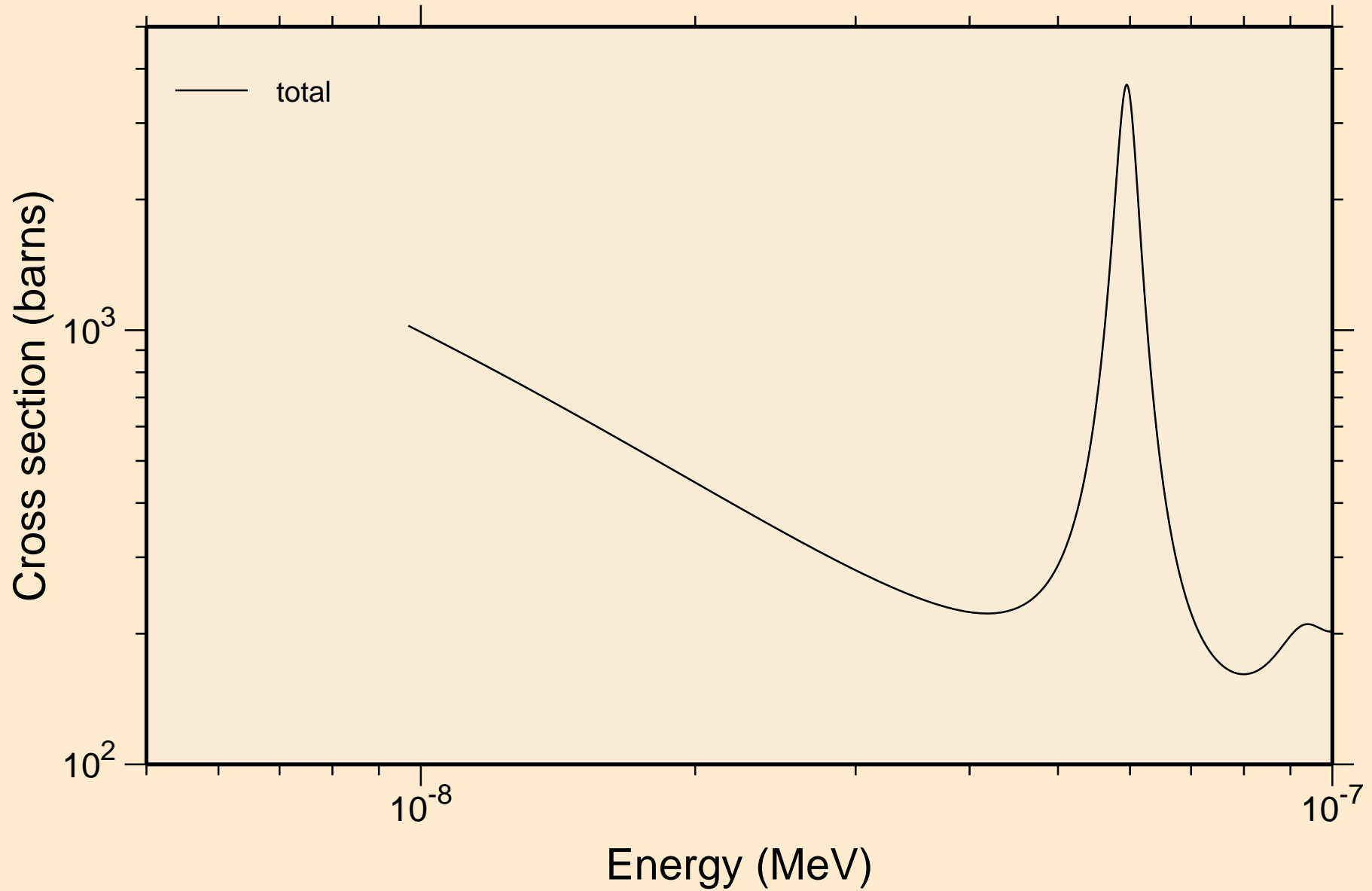


# BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

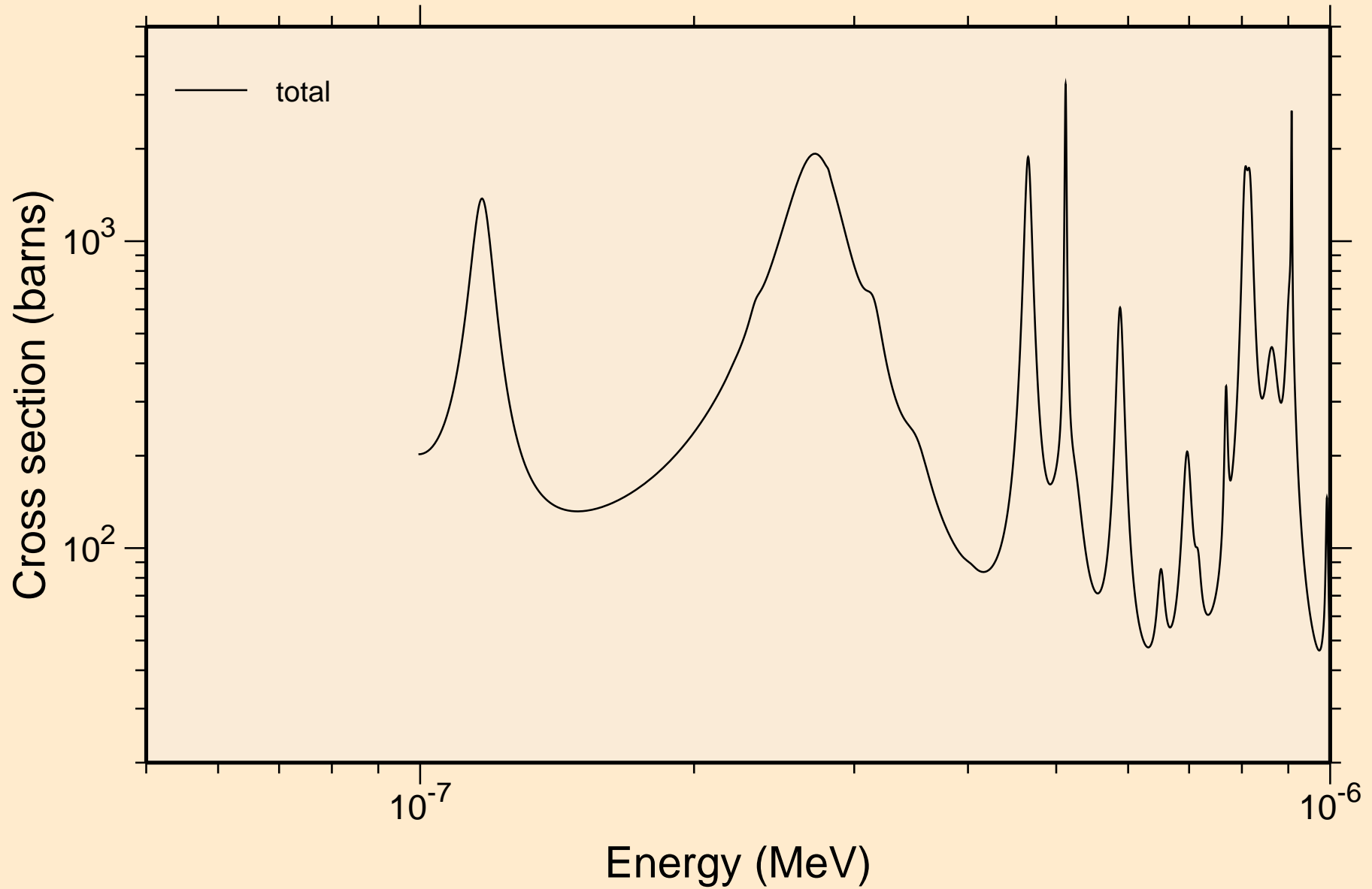
## Principal cross sections



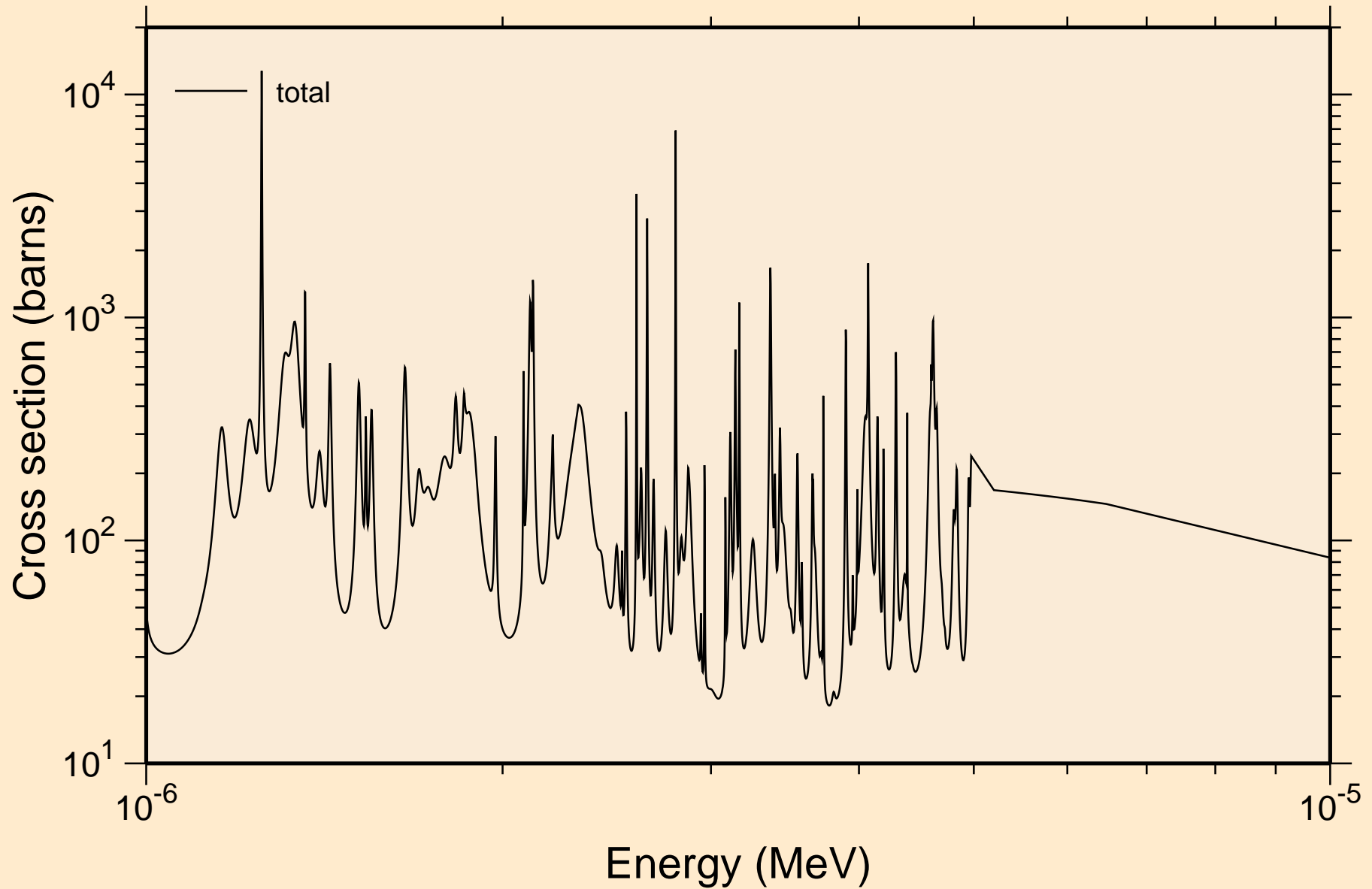
BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



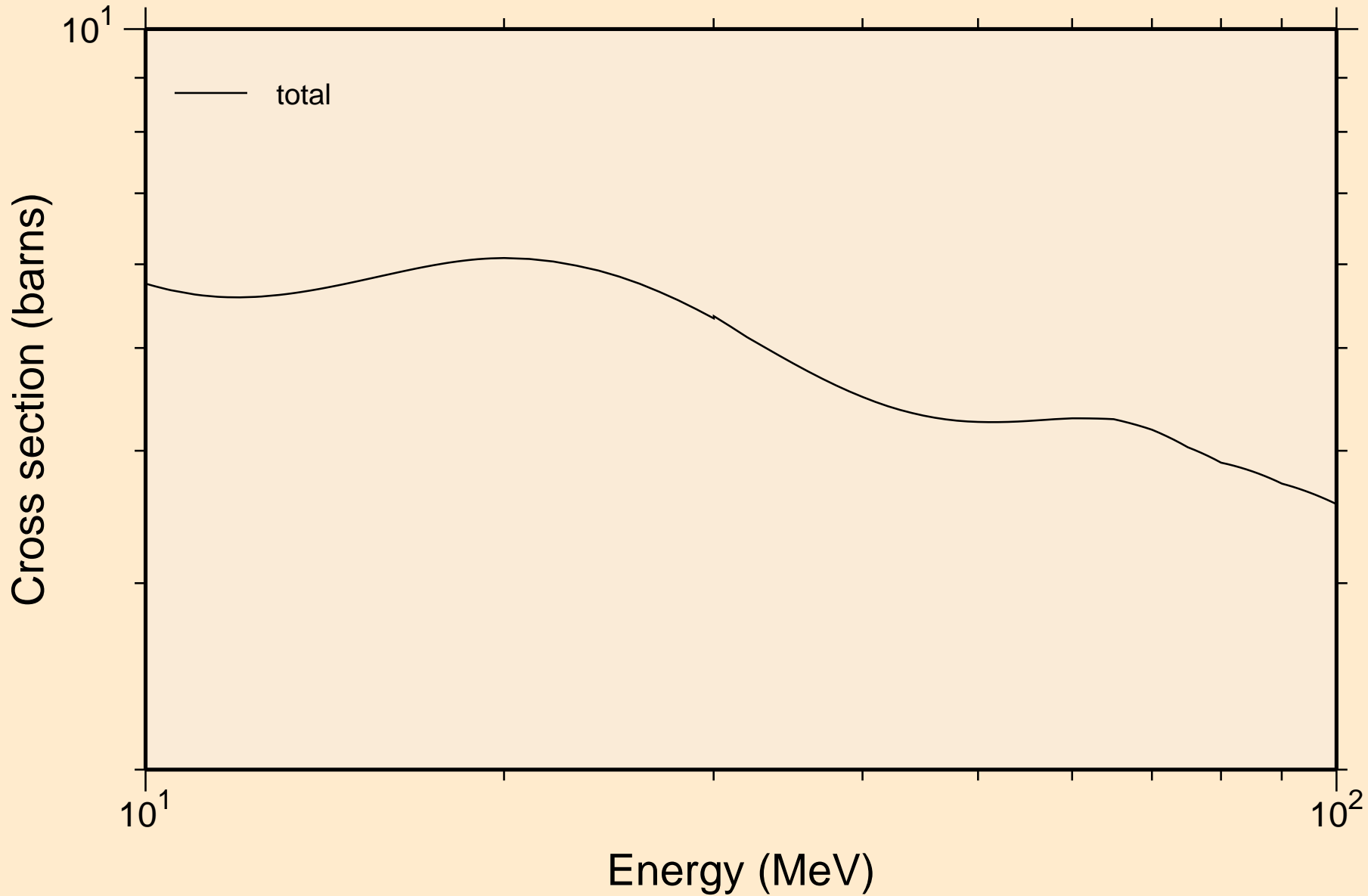
BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



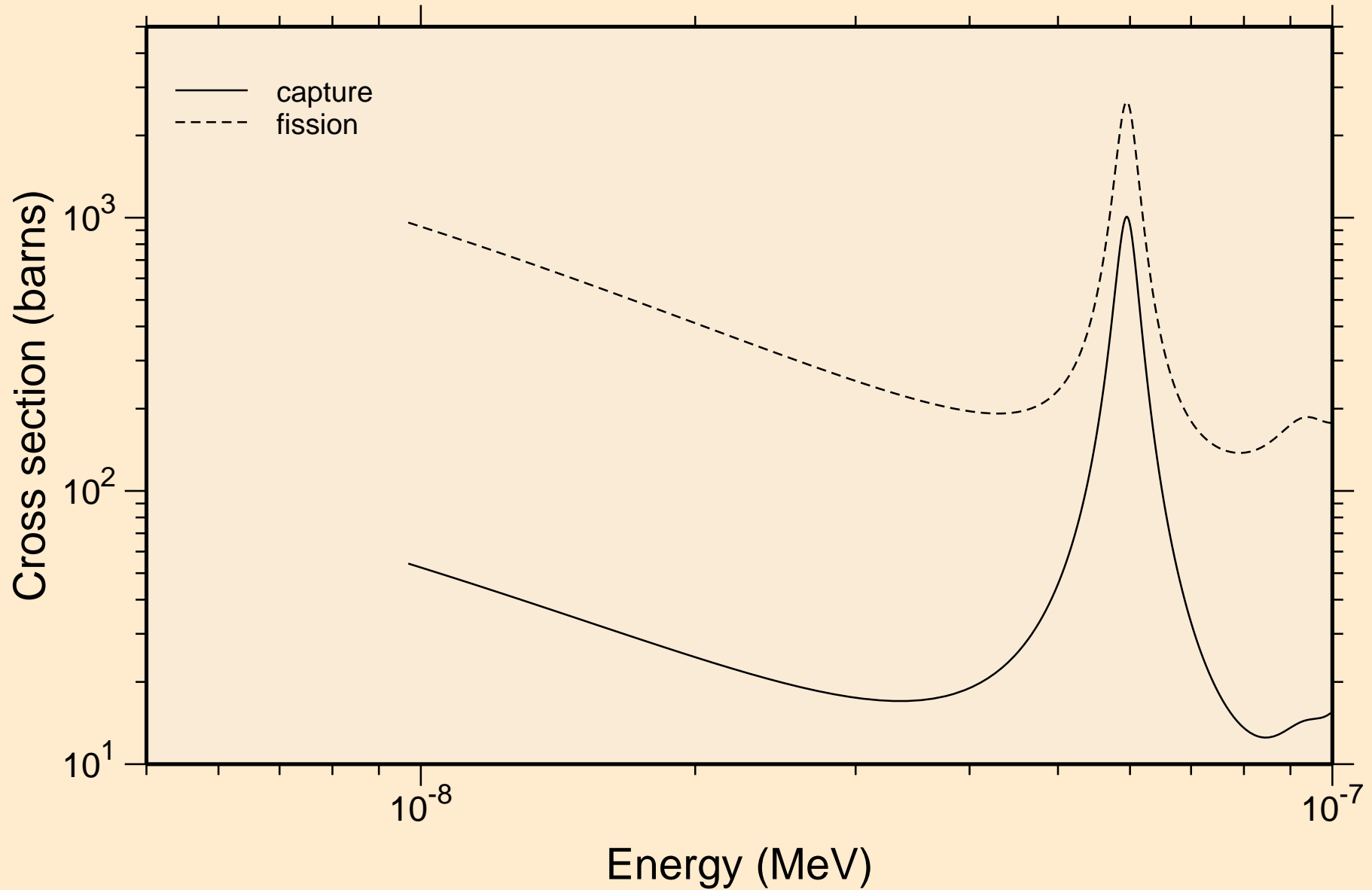
BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



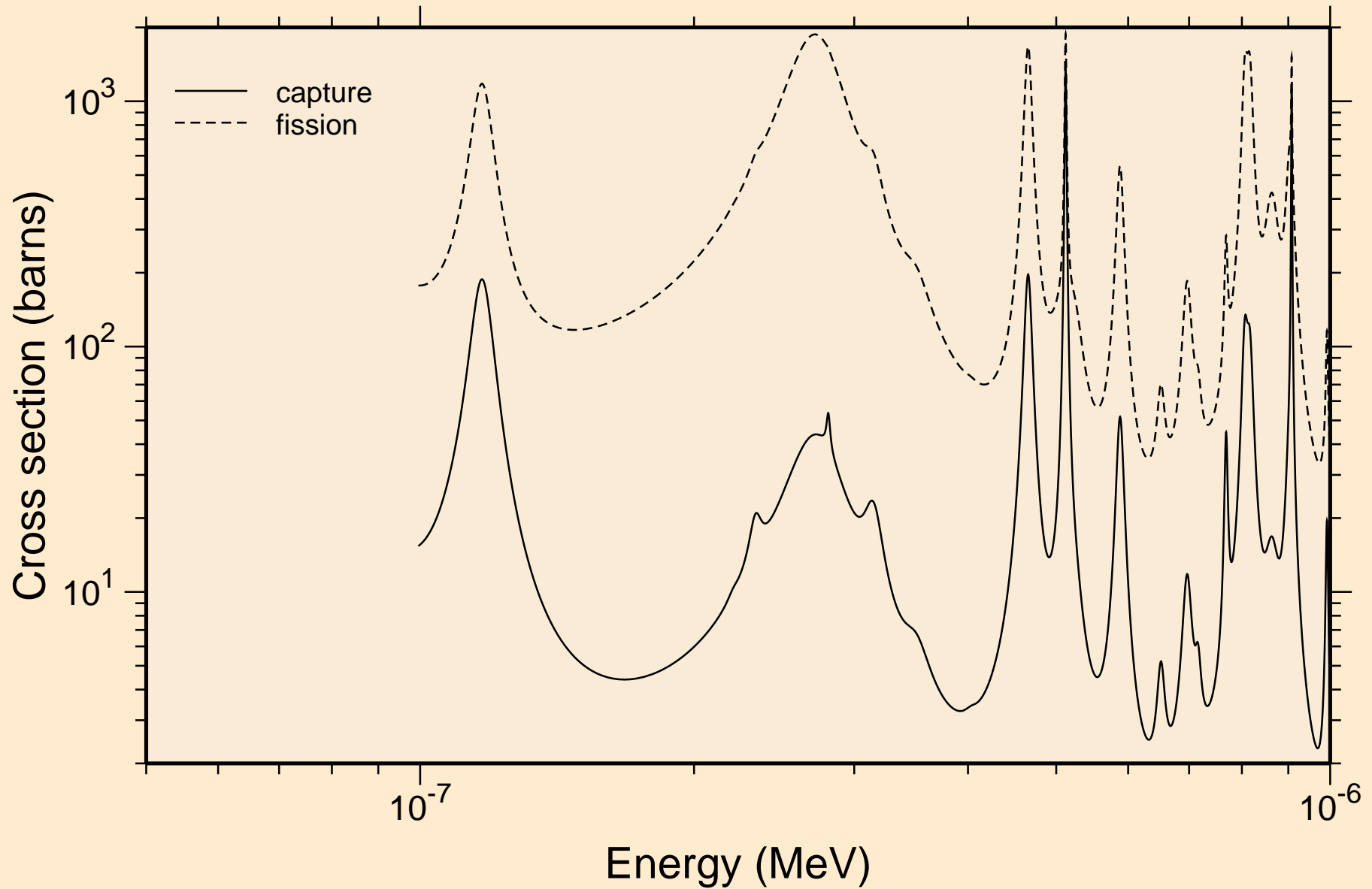
BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



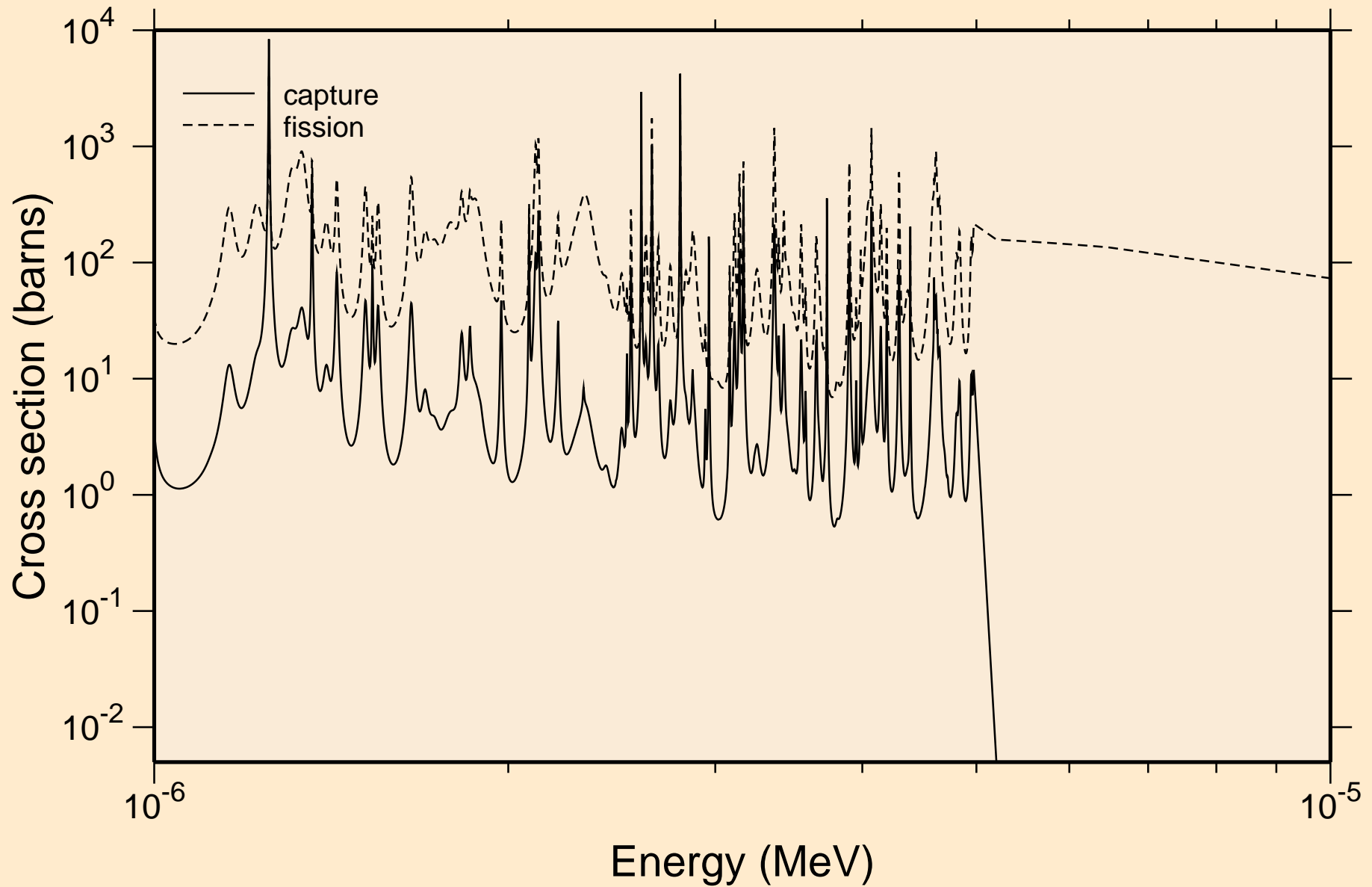
BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

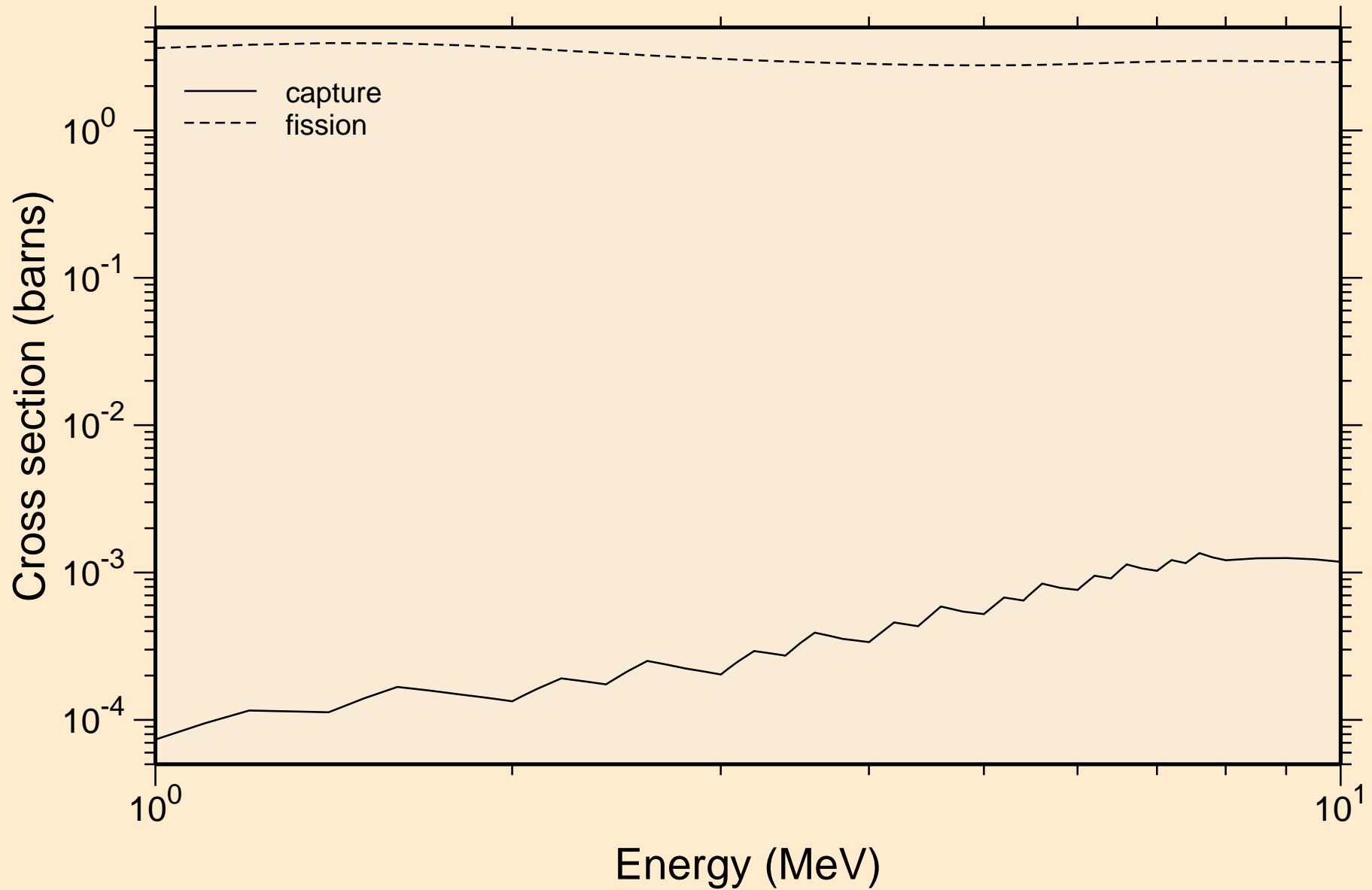


BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



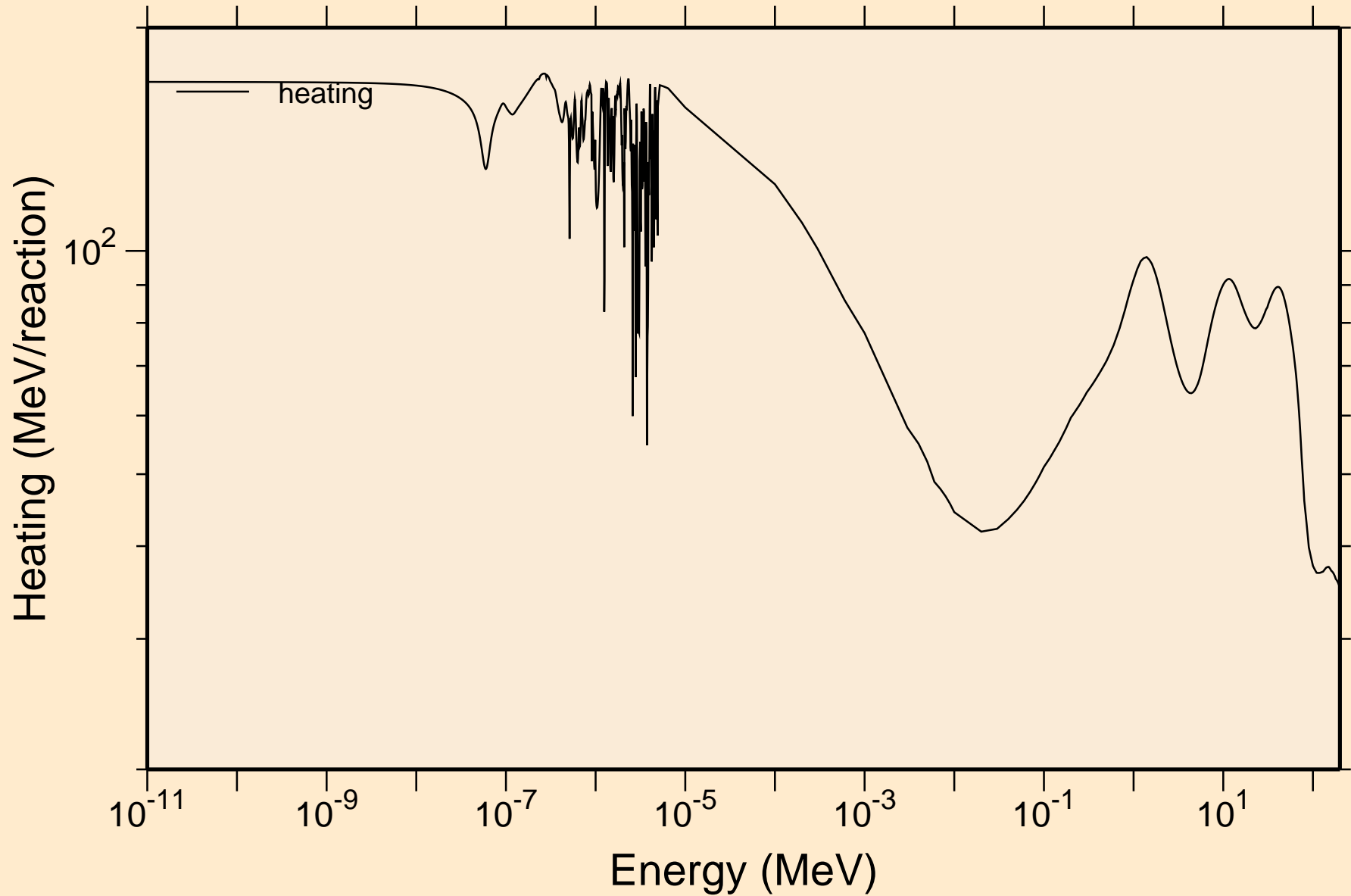


BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



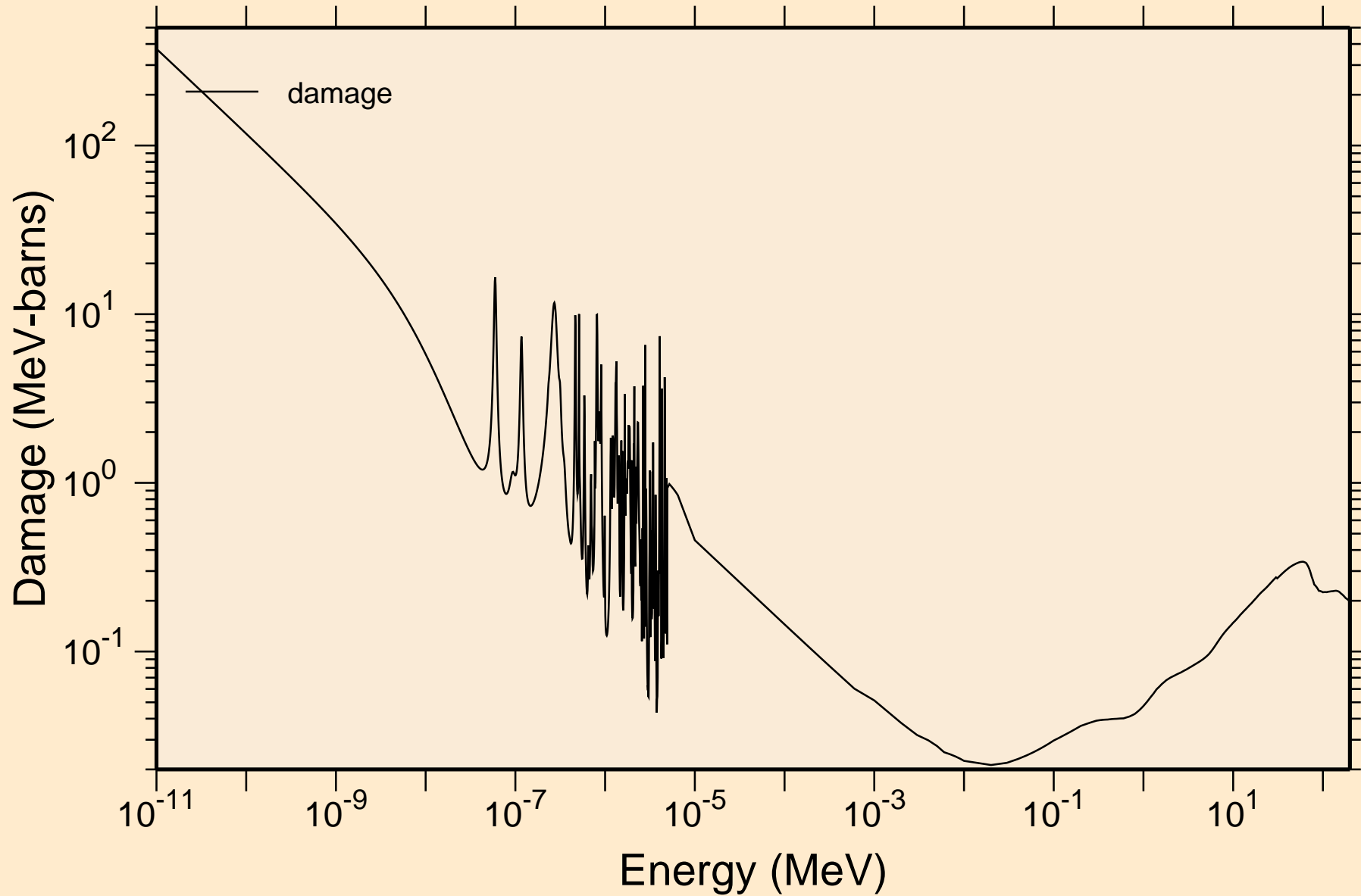
# BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



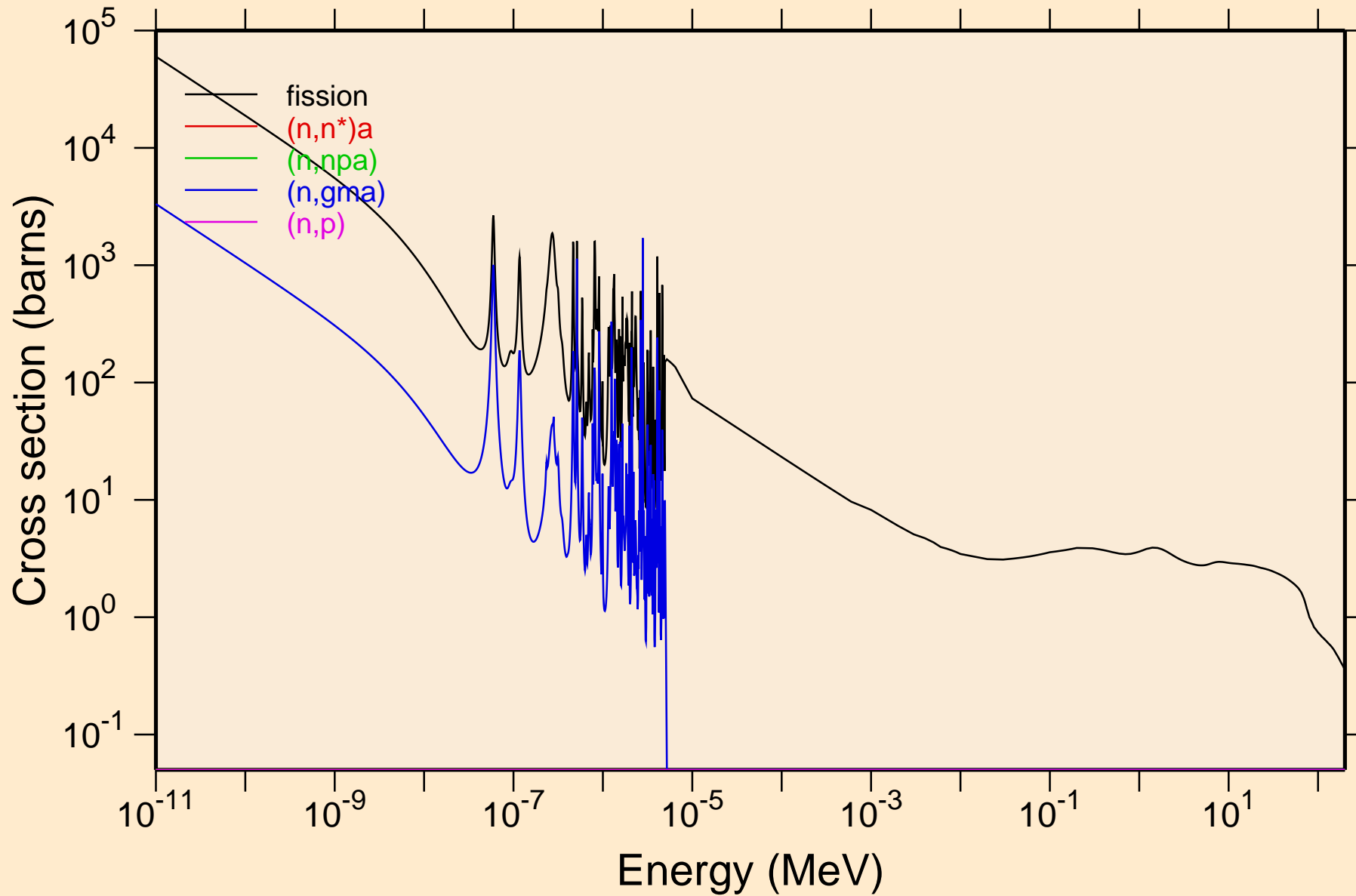
# BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

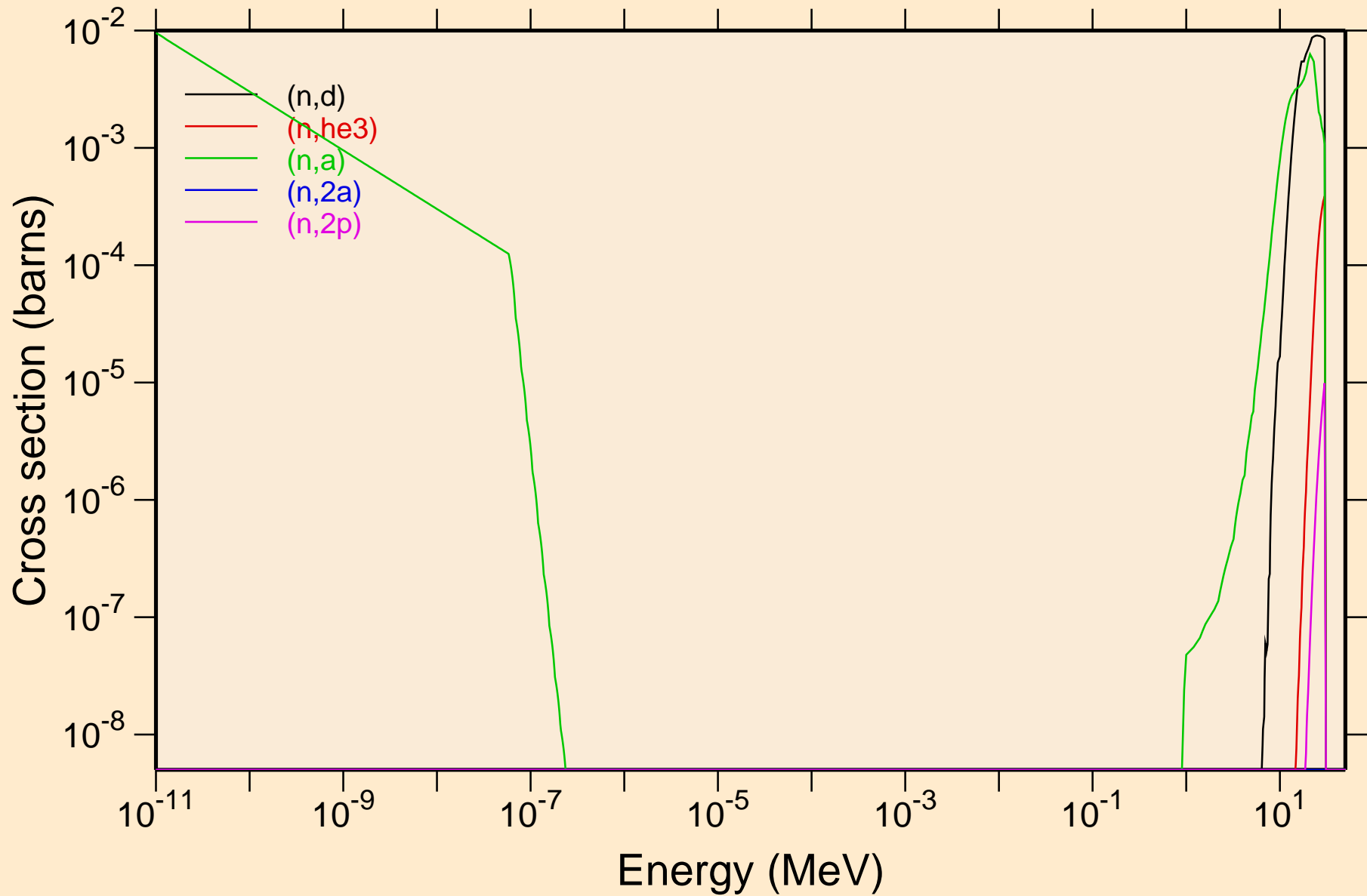


# BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

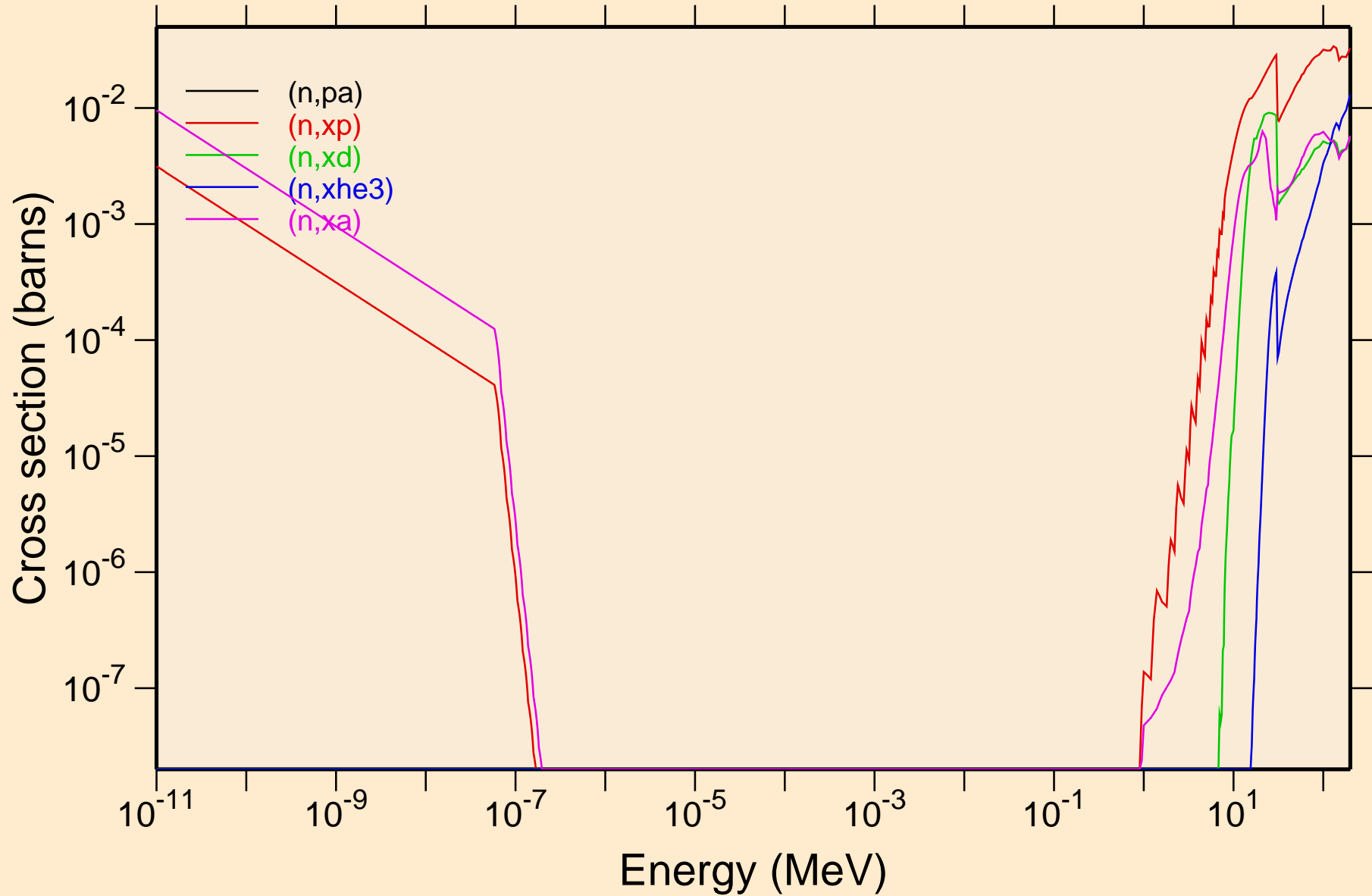
## Non-threshold reactions



BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

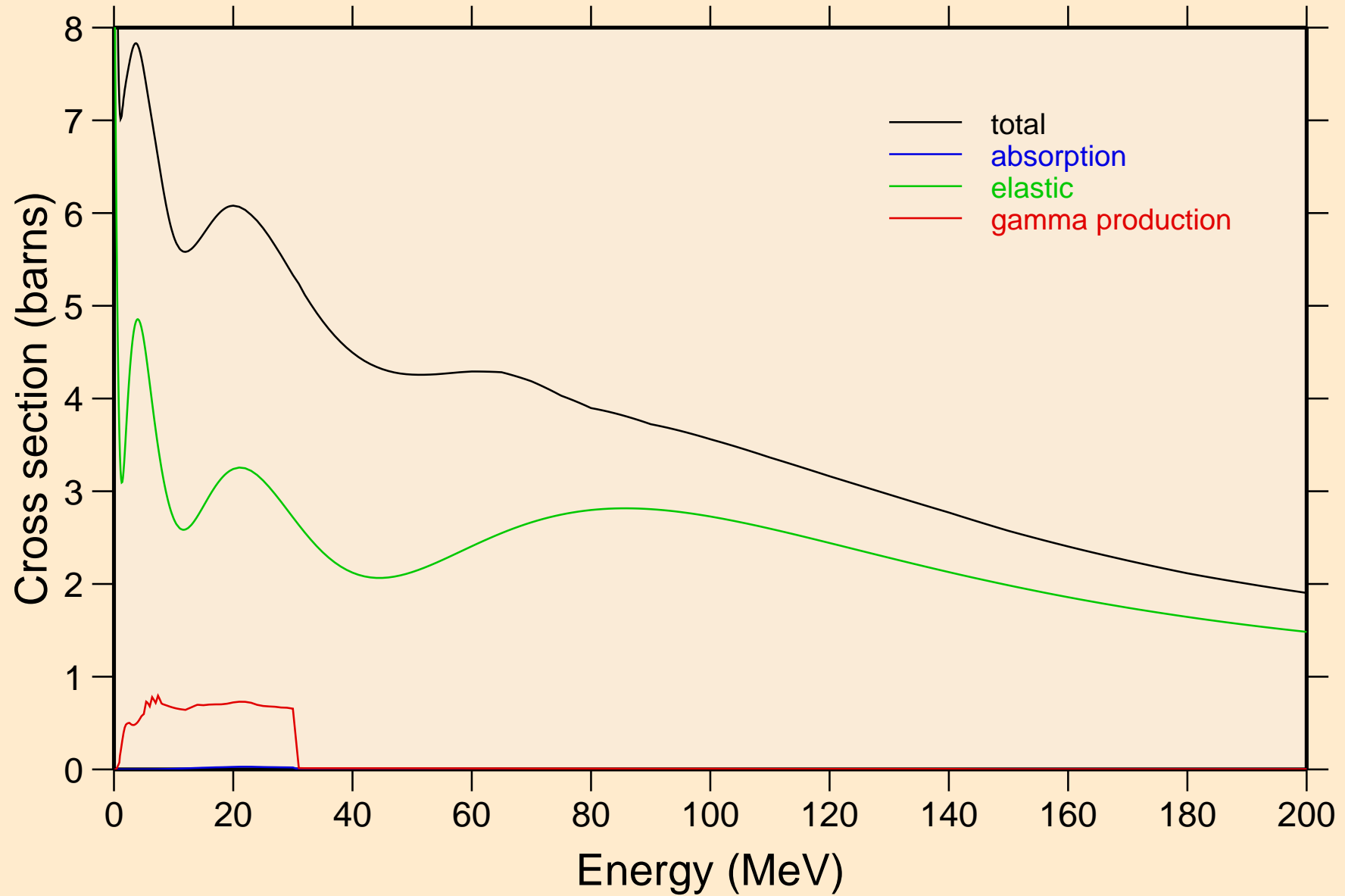


BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



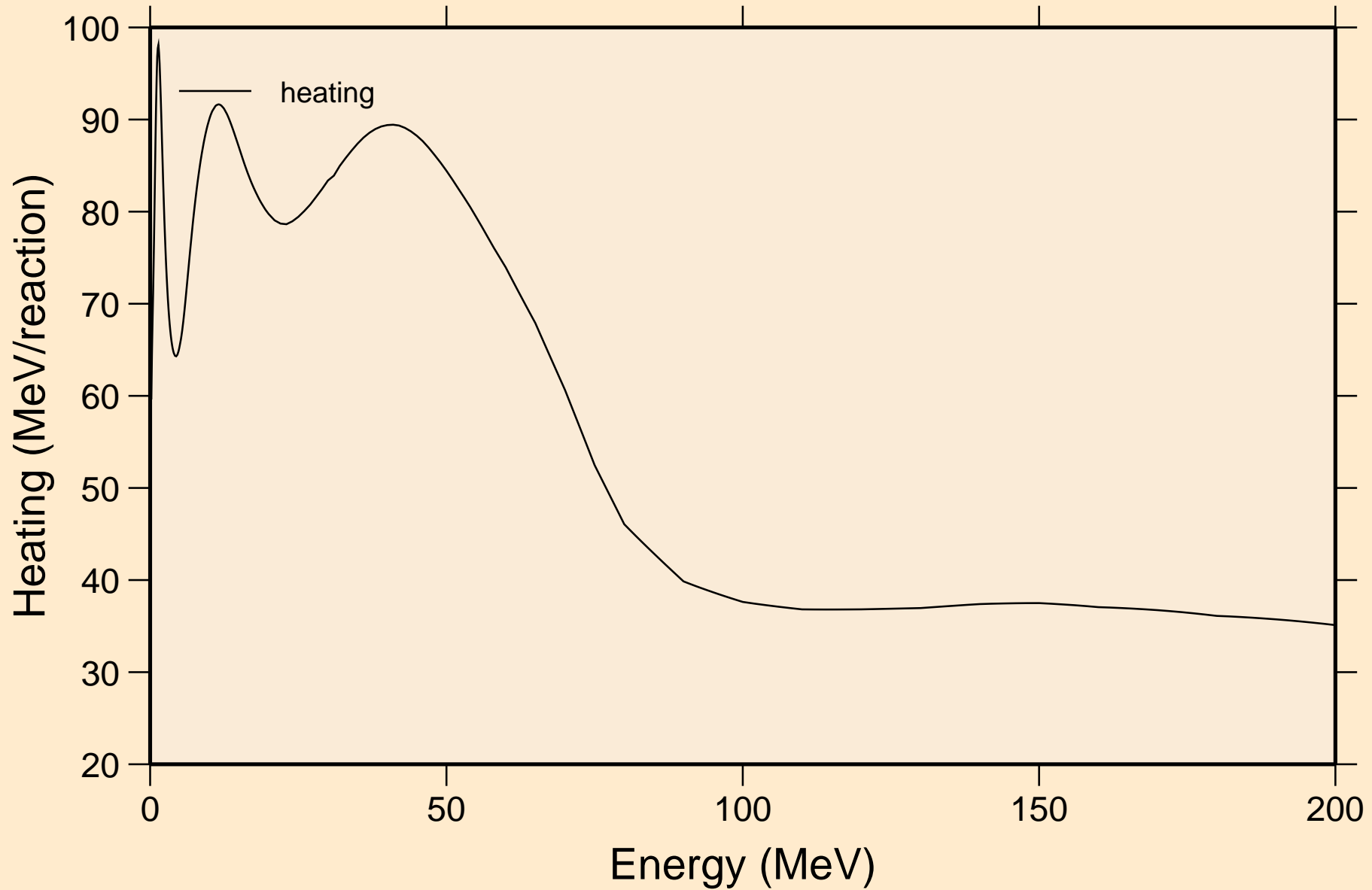
# BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



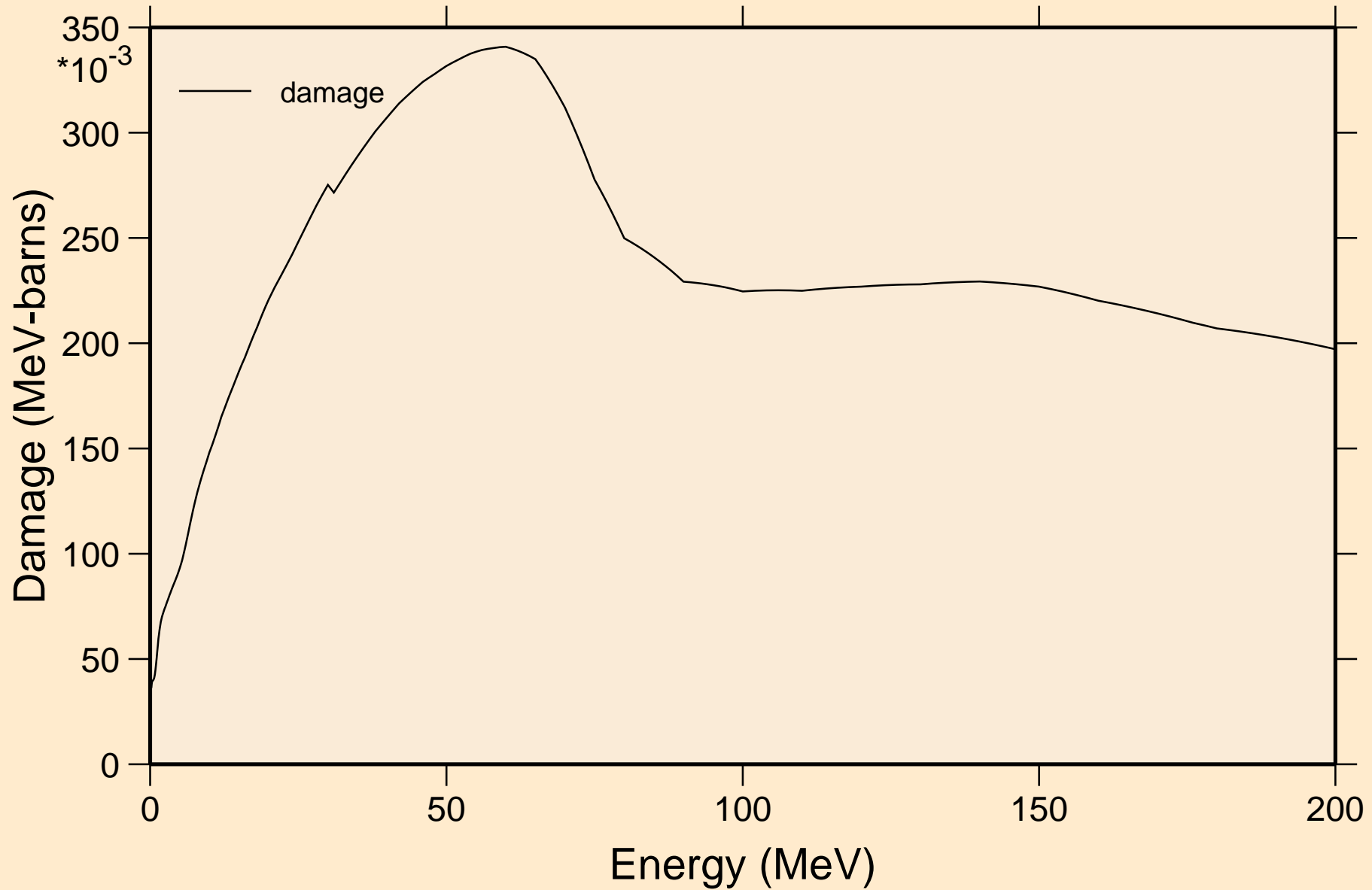
# BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



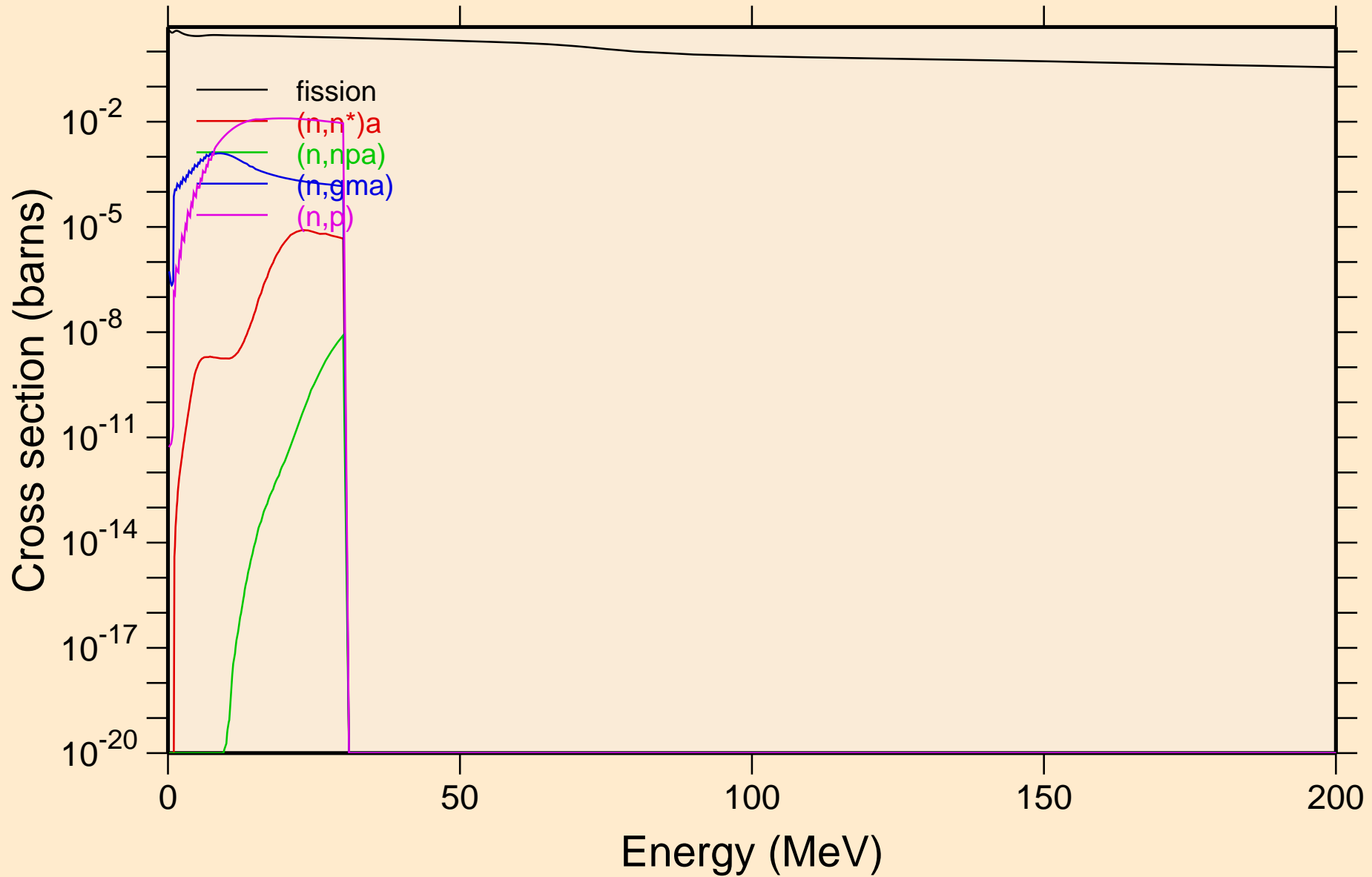


BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage

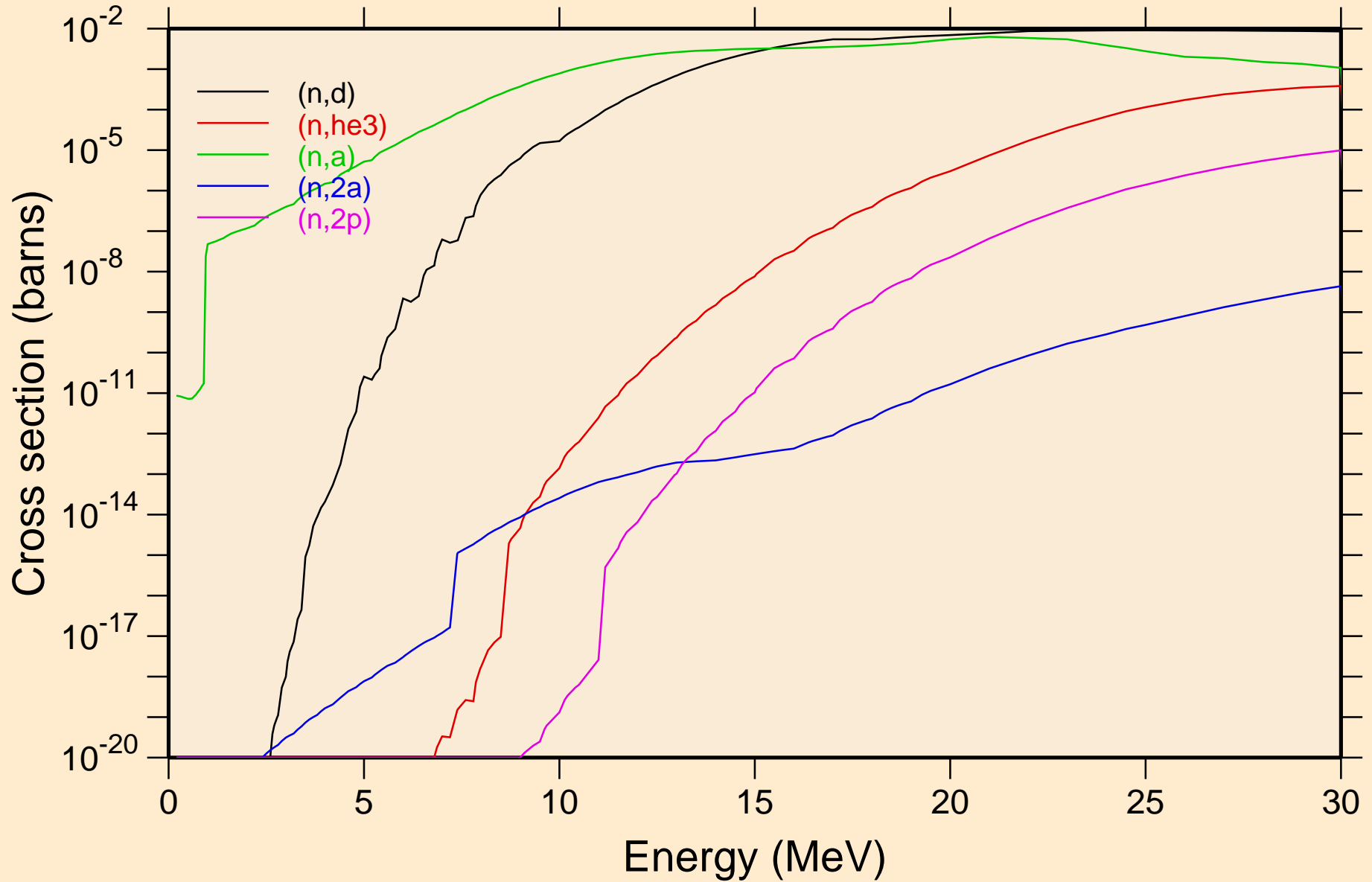


# BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

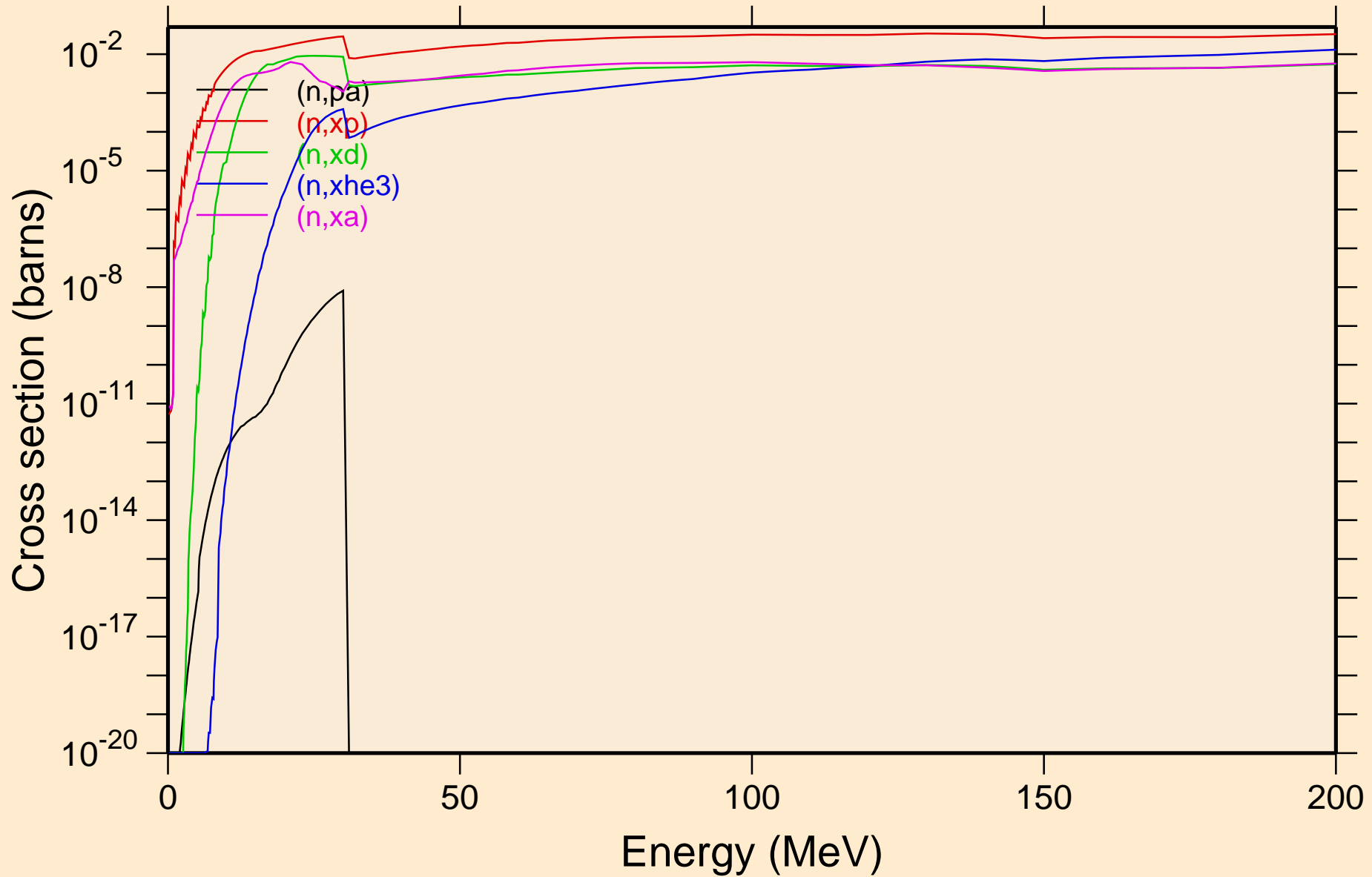


BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

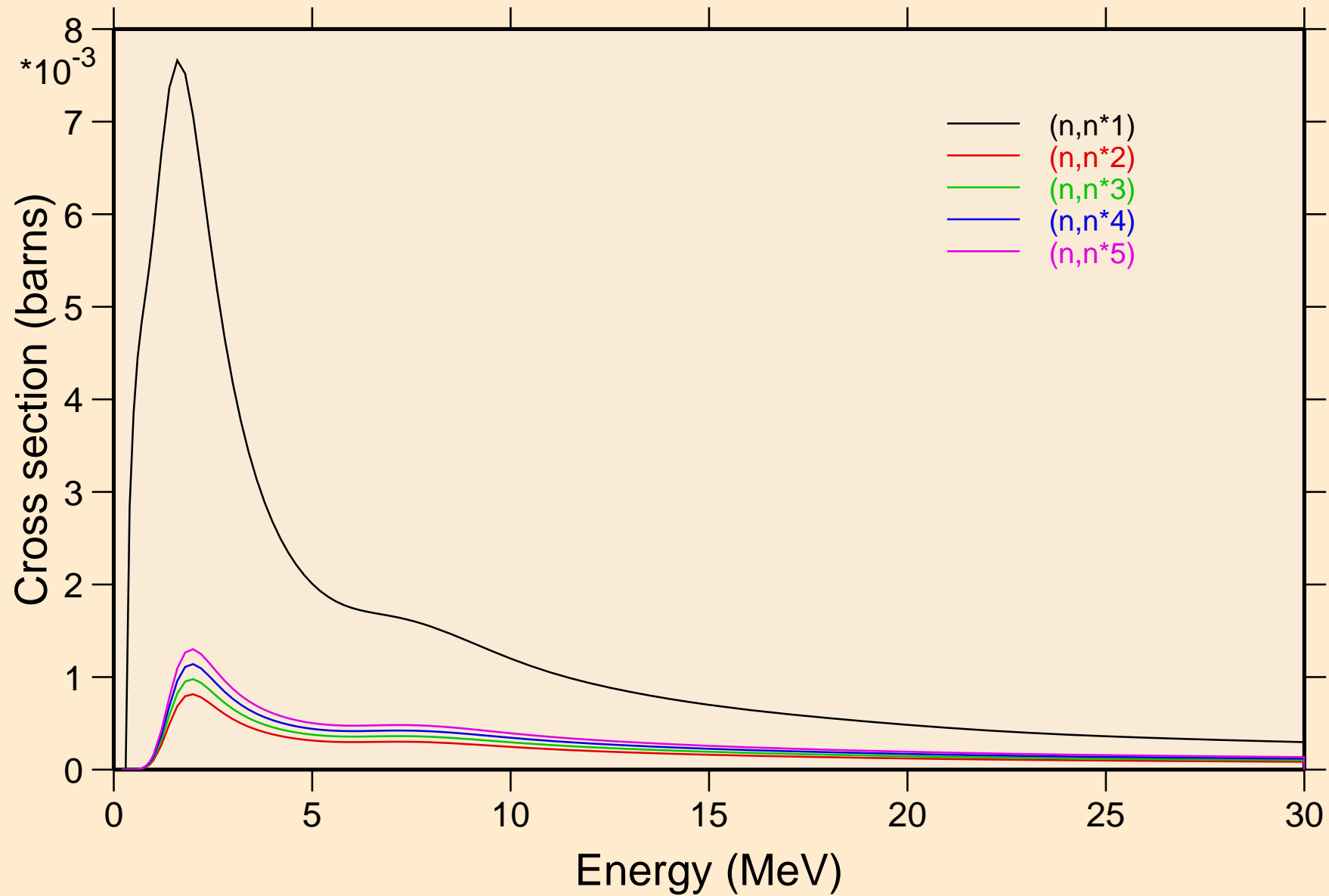


# BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

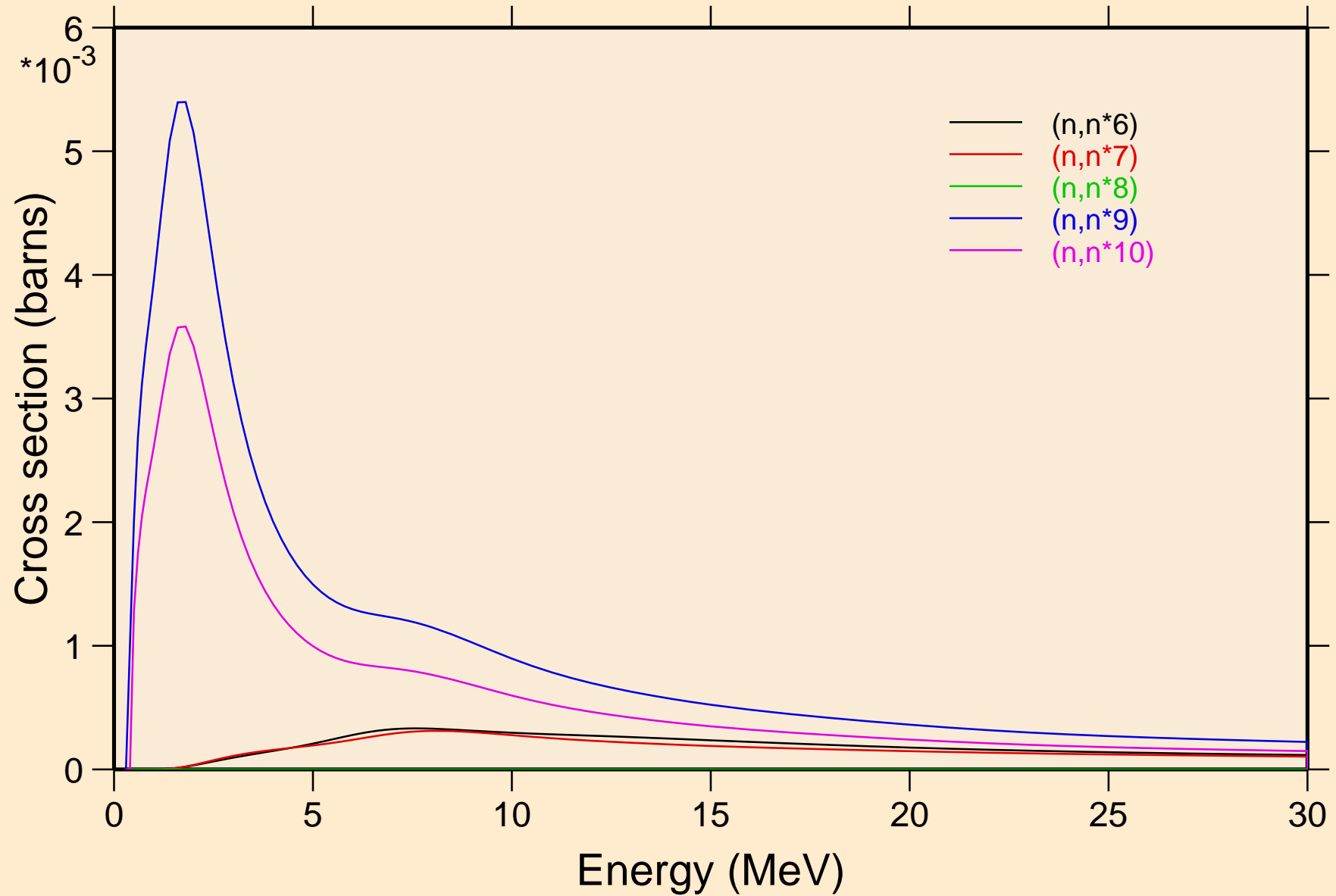
## Non-threshold reactions



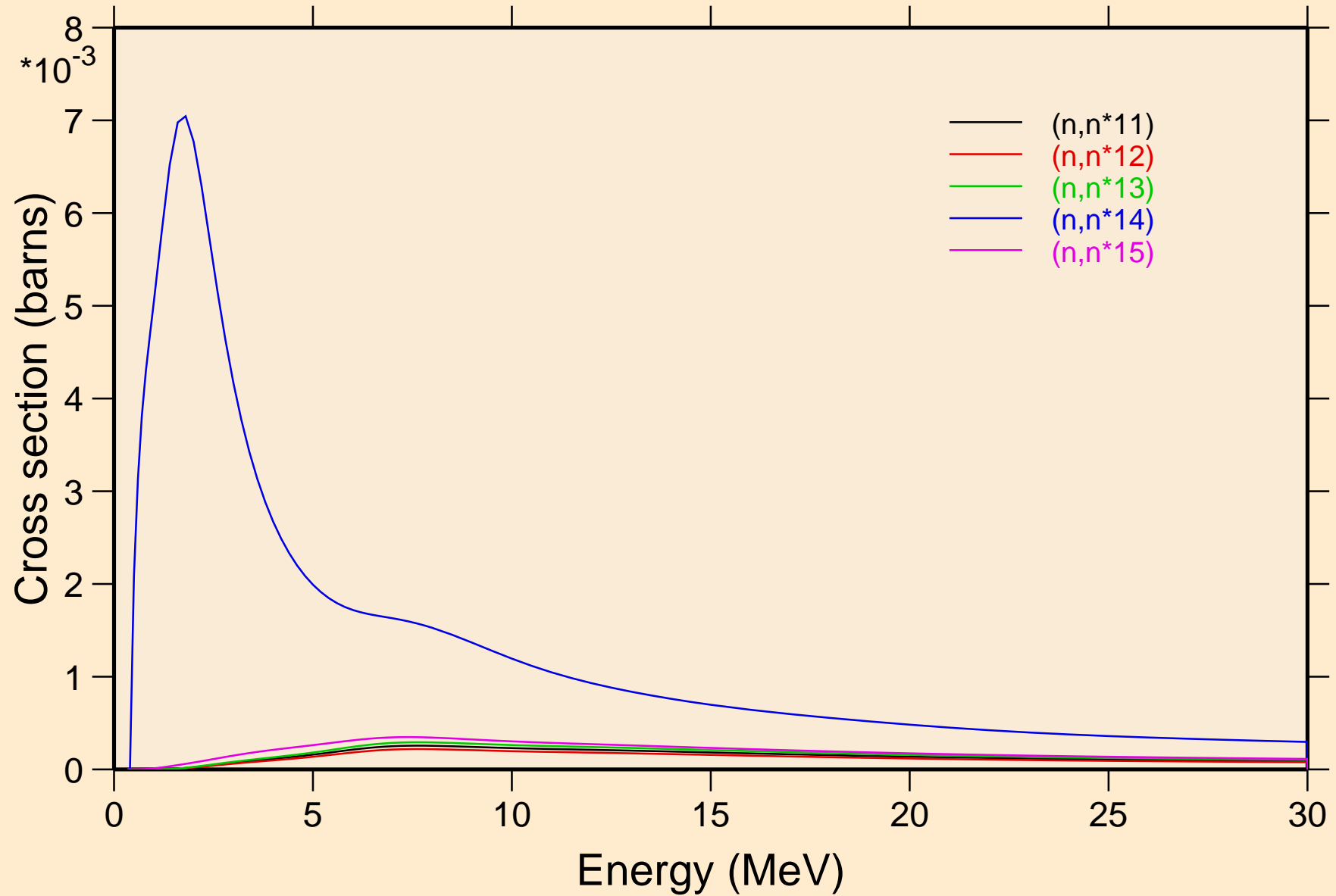
BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



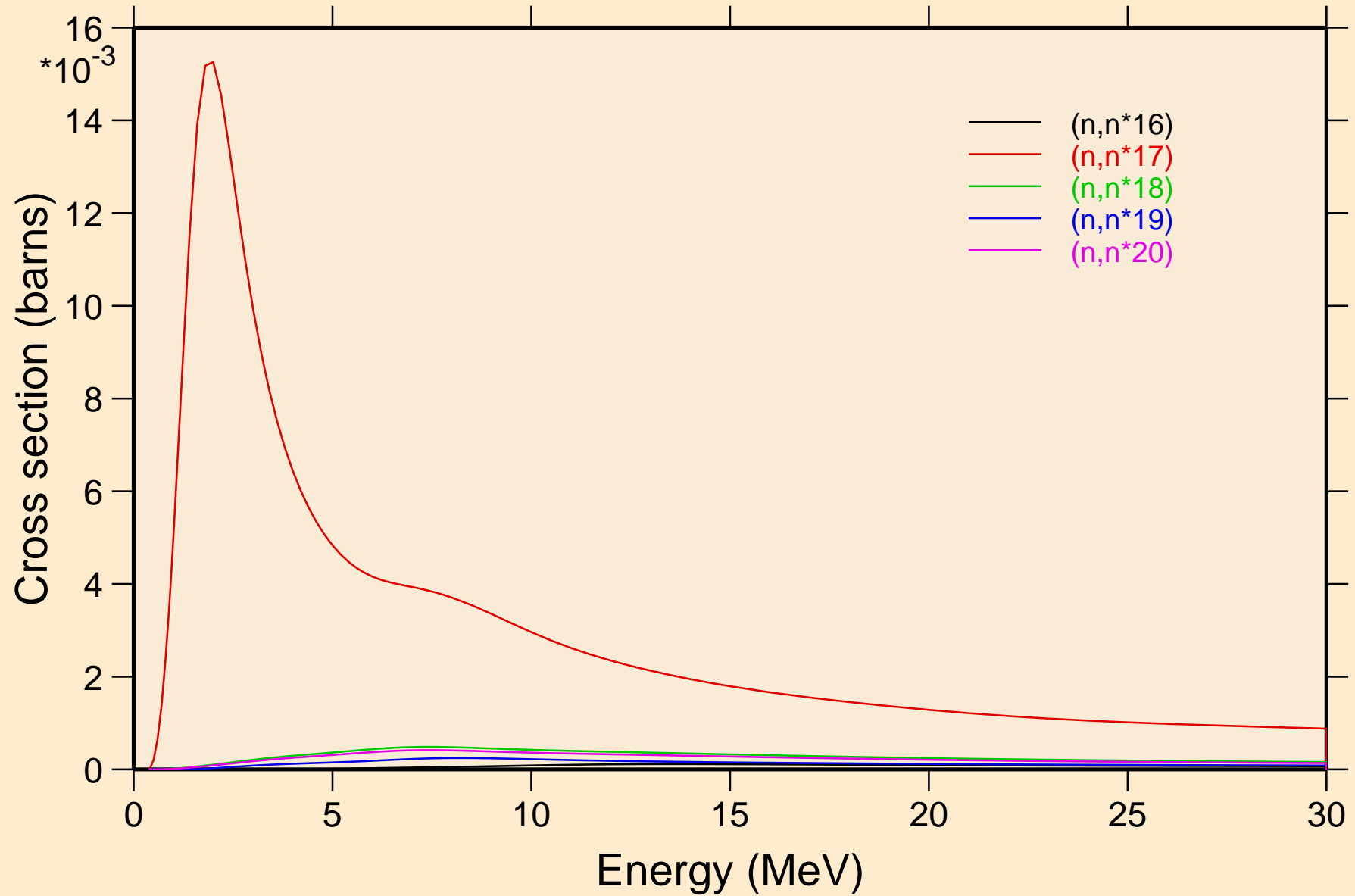
BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

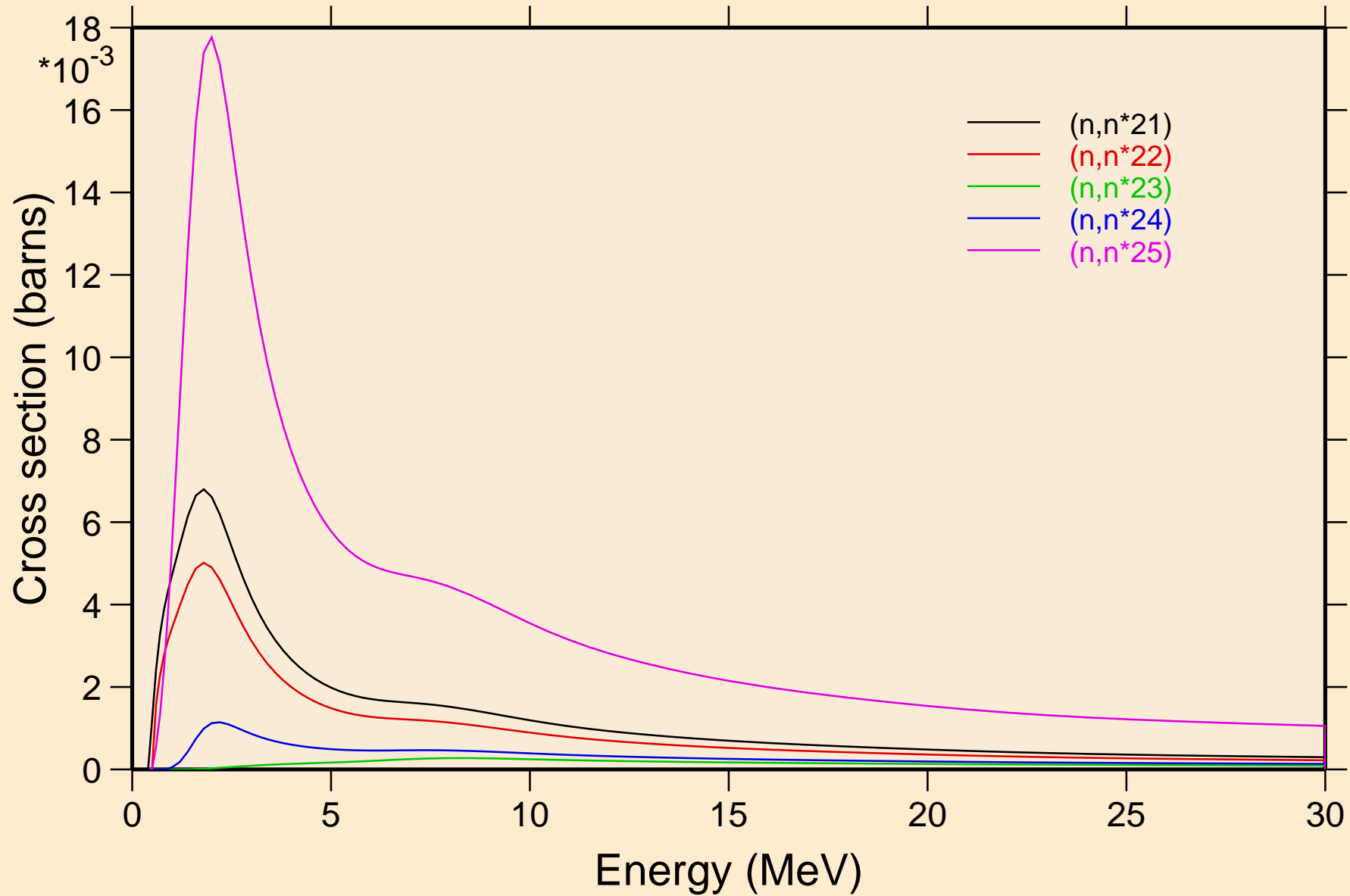


BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

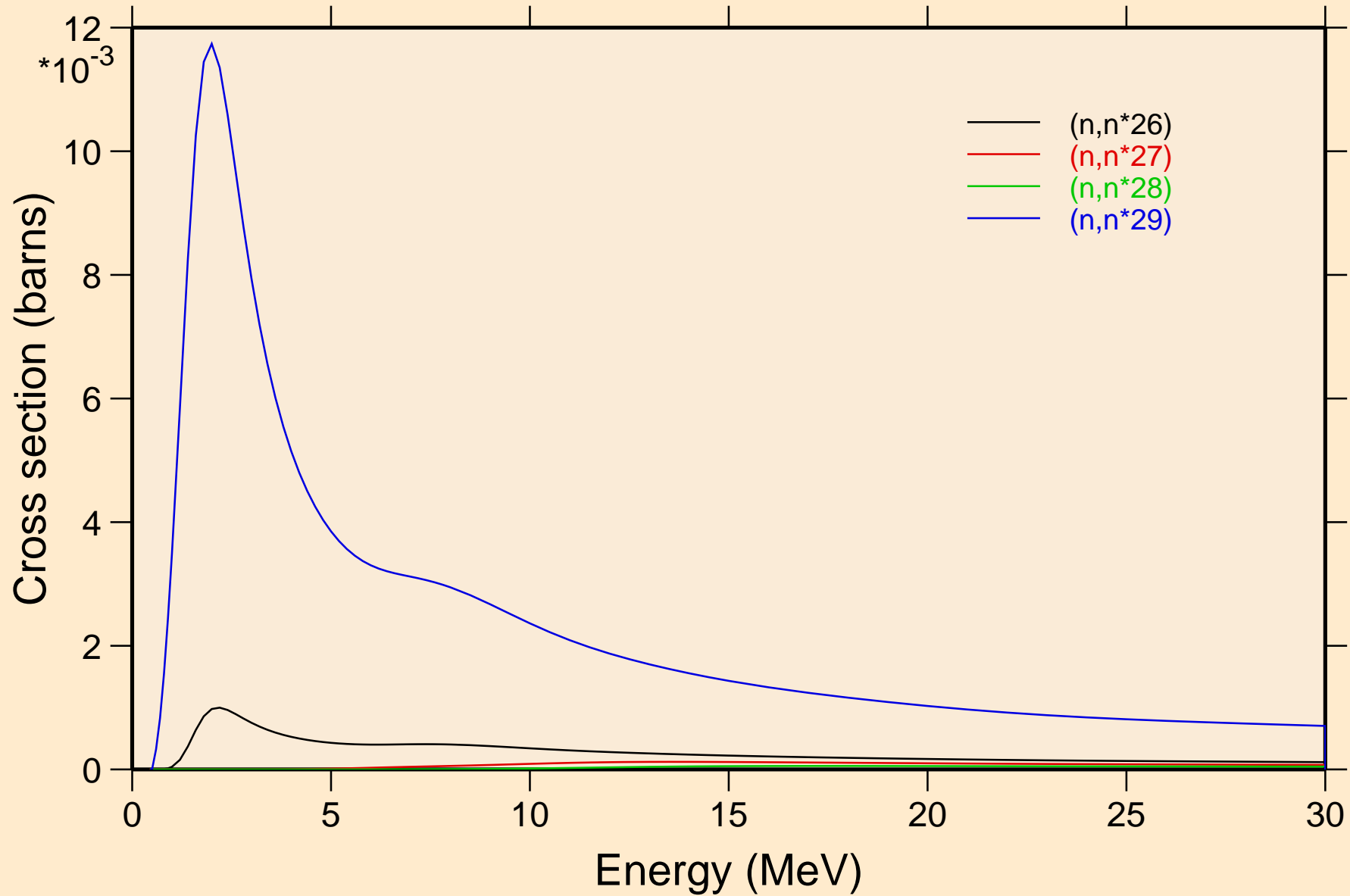




BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

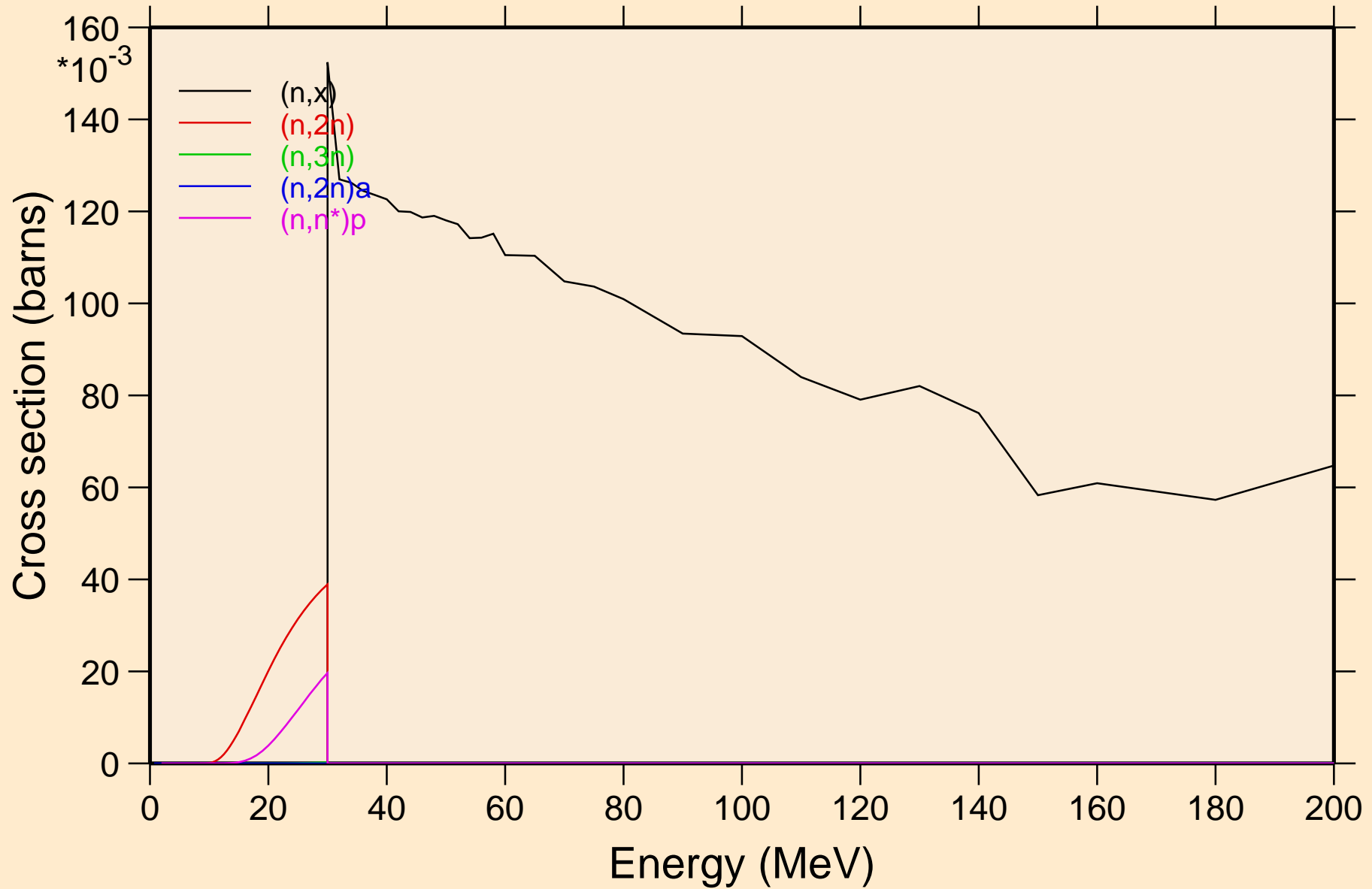


BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



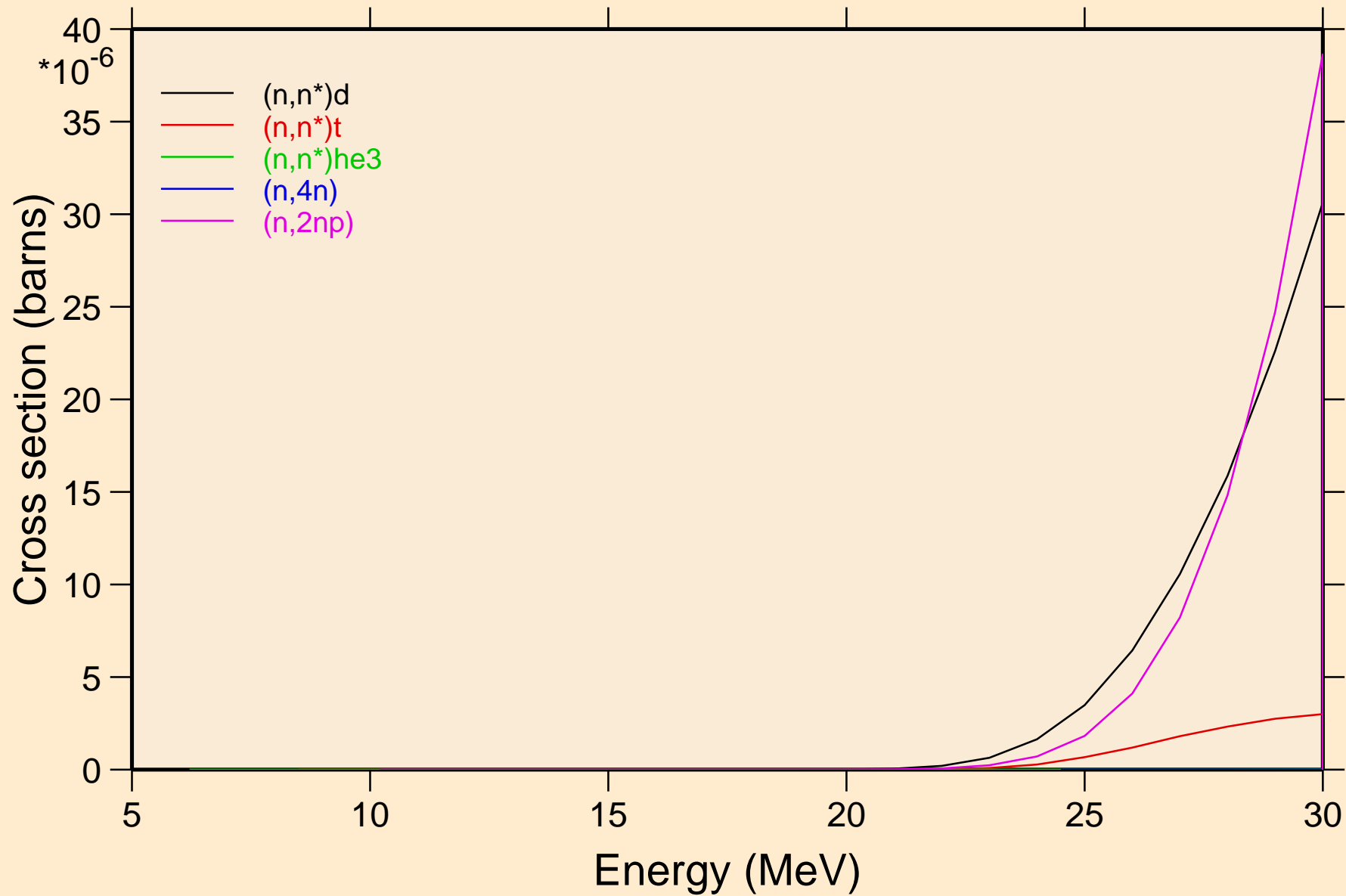
# BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

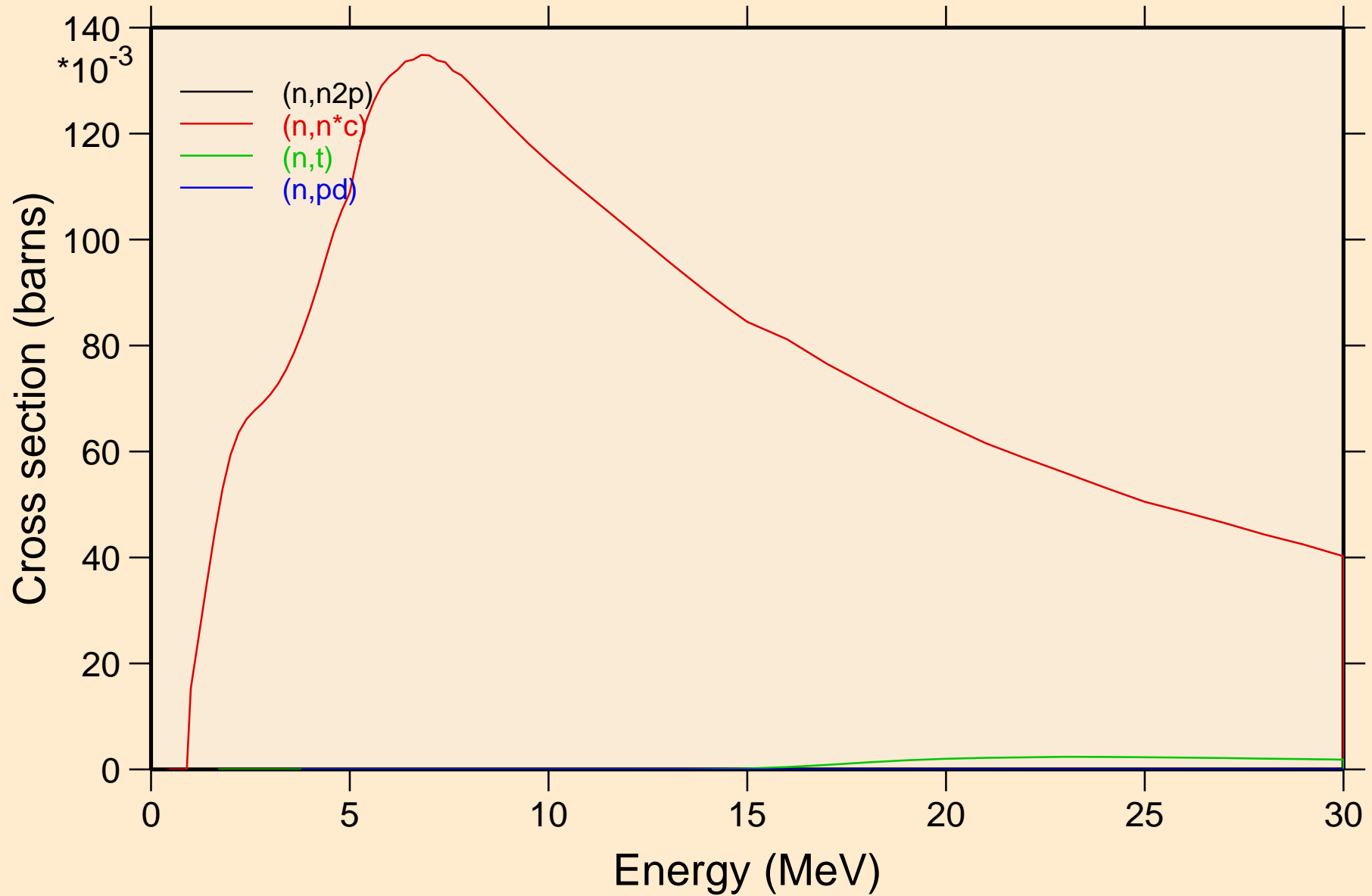


# BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

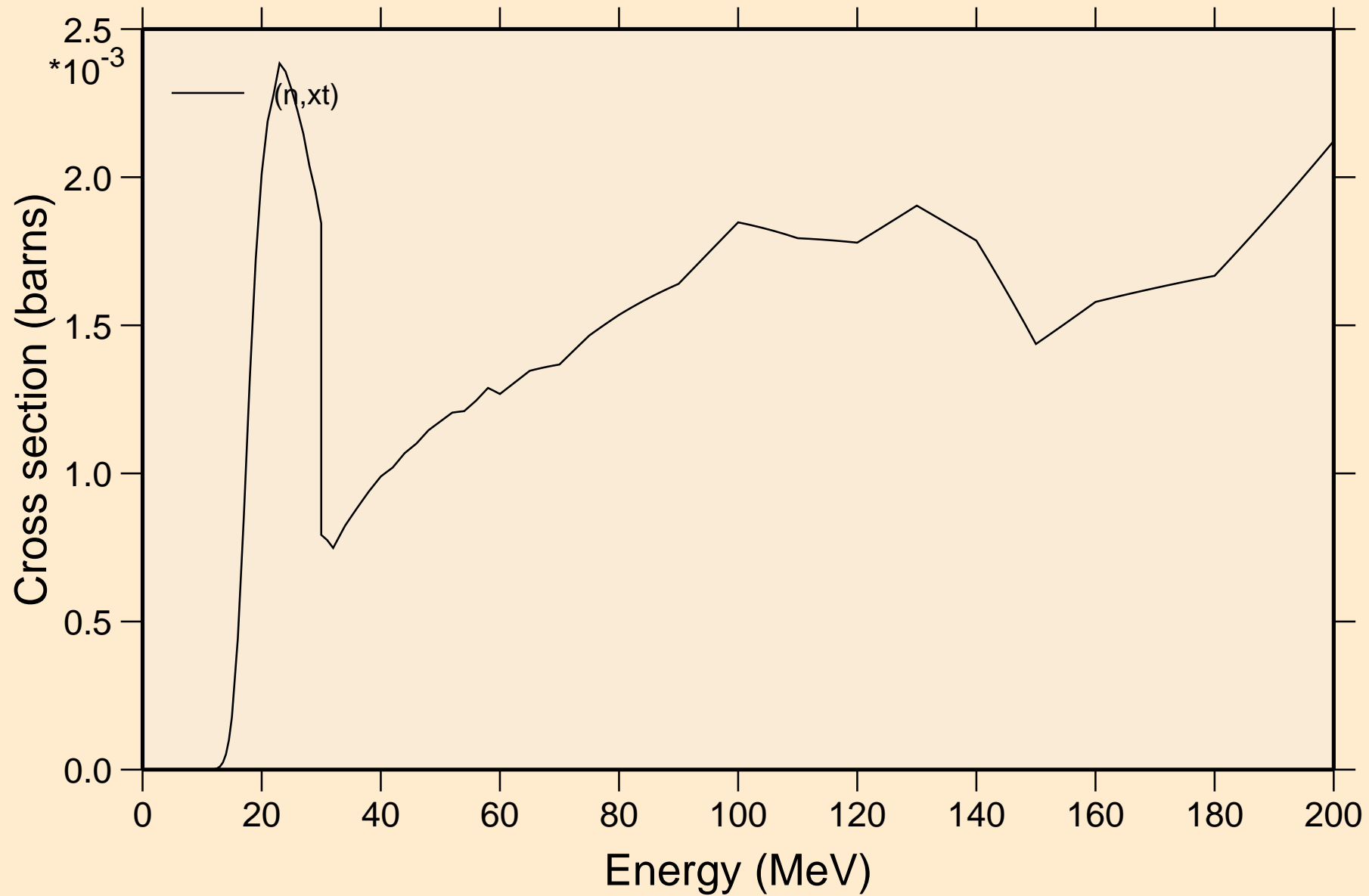
## Threshold reactions



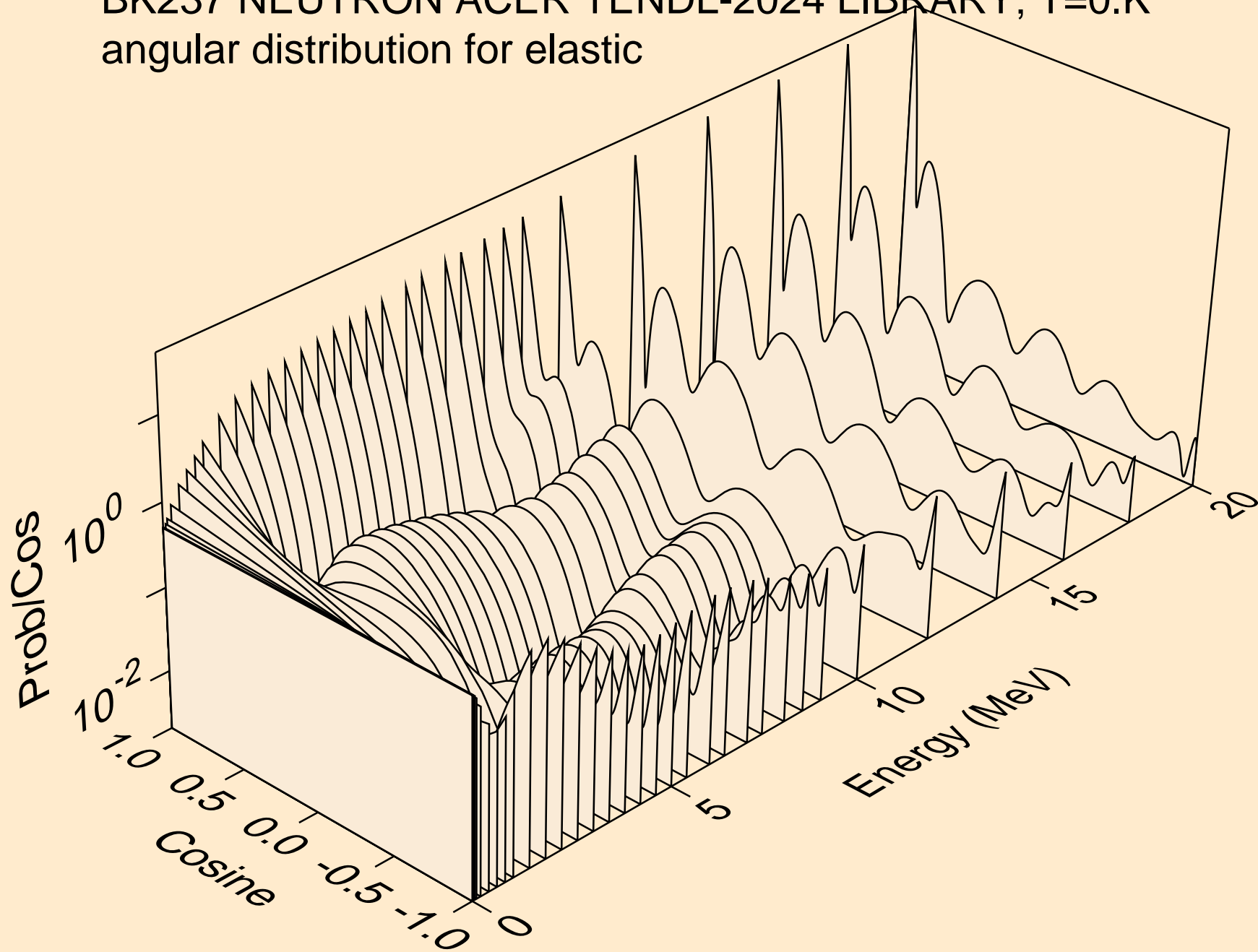
BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



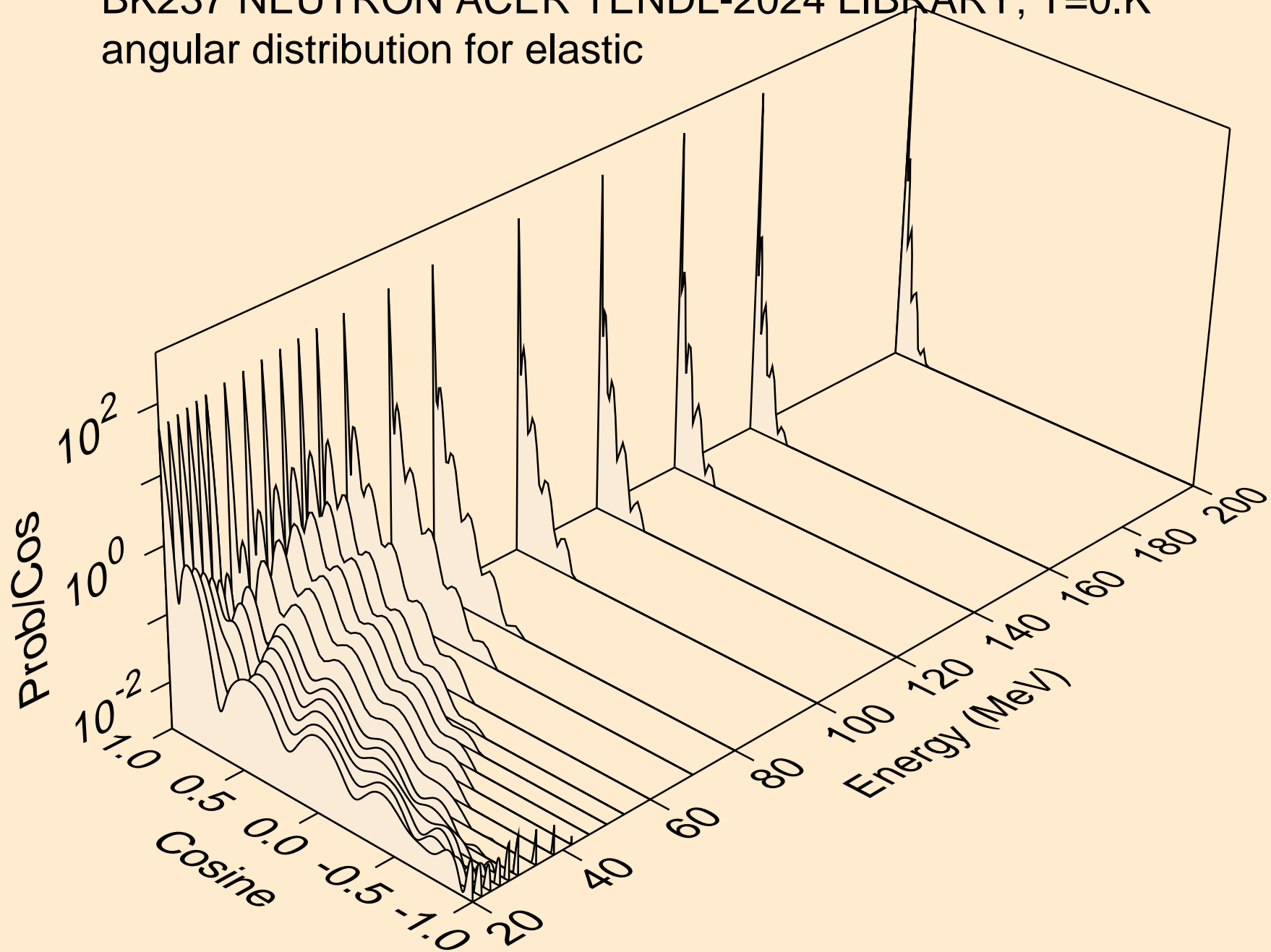
BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

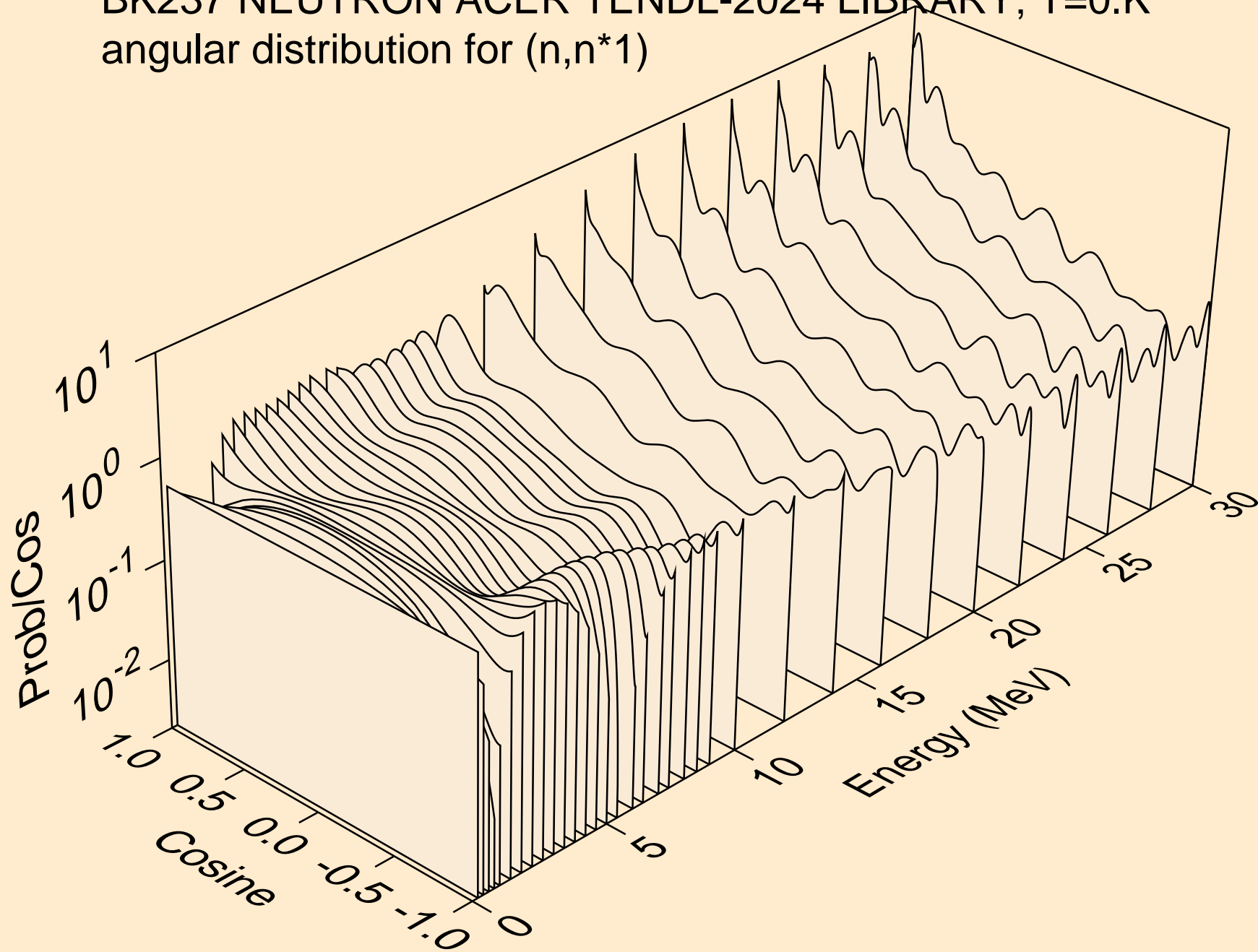


BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

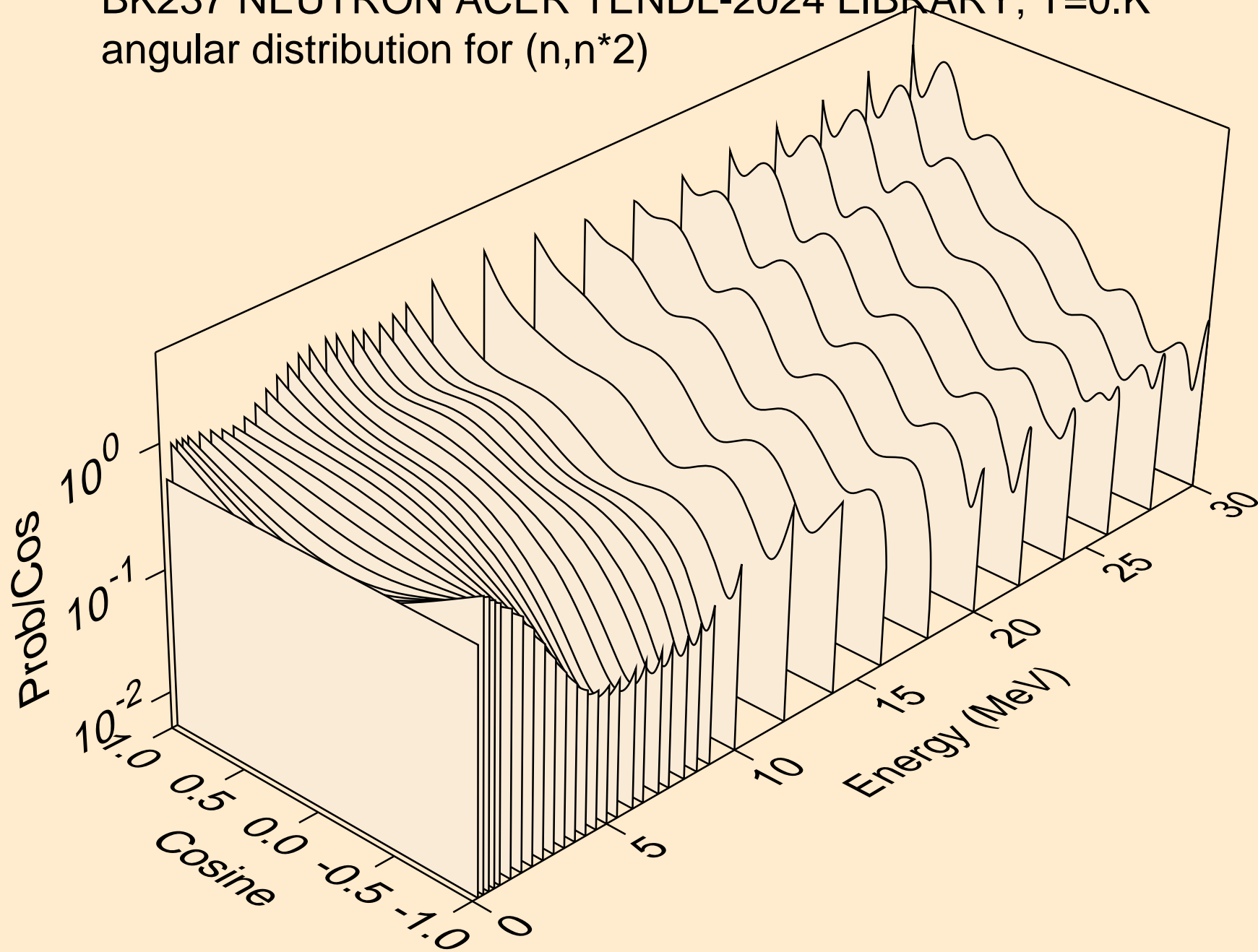




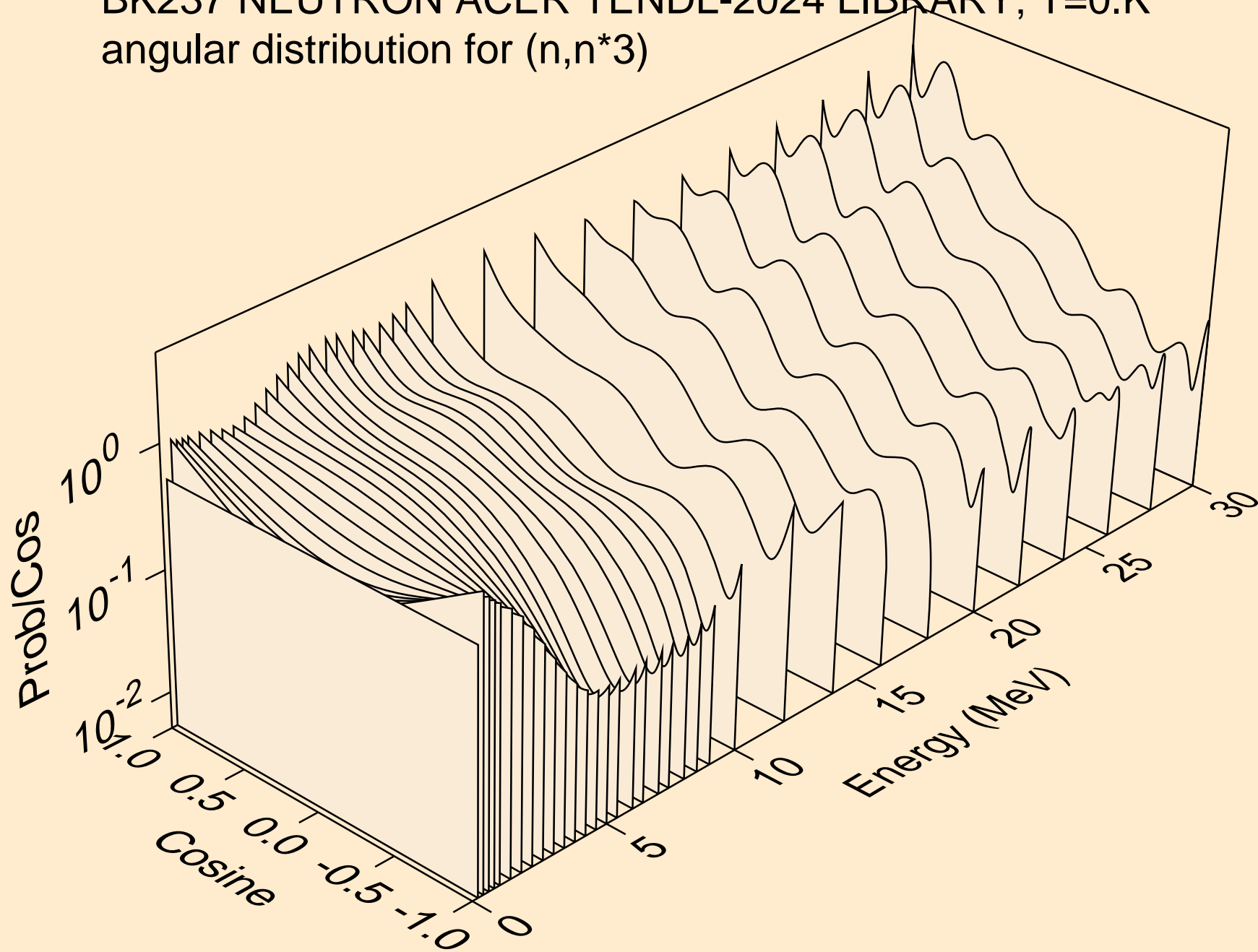
BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



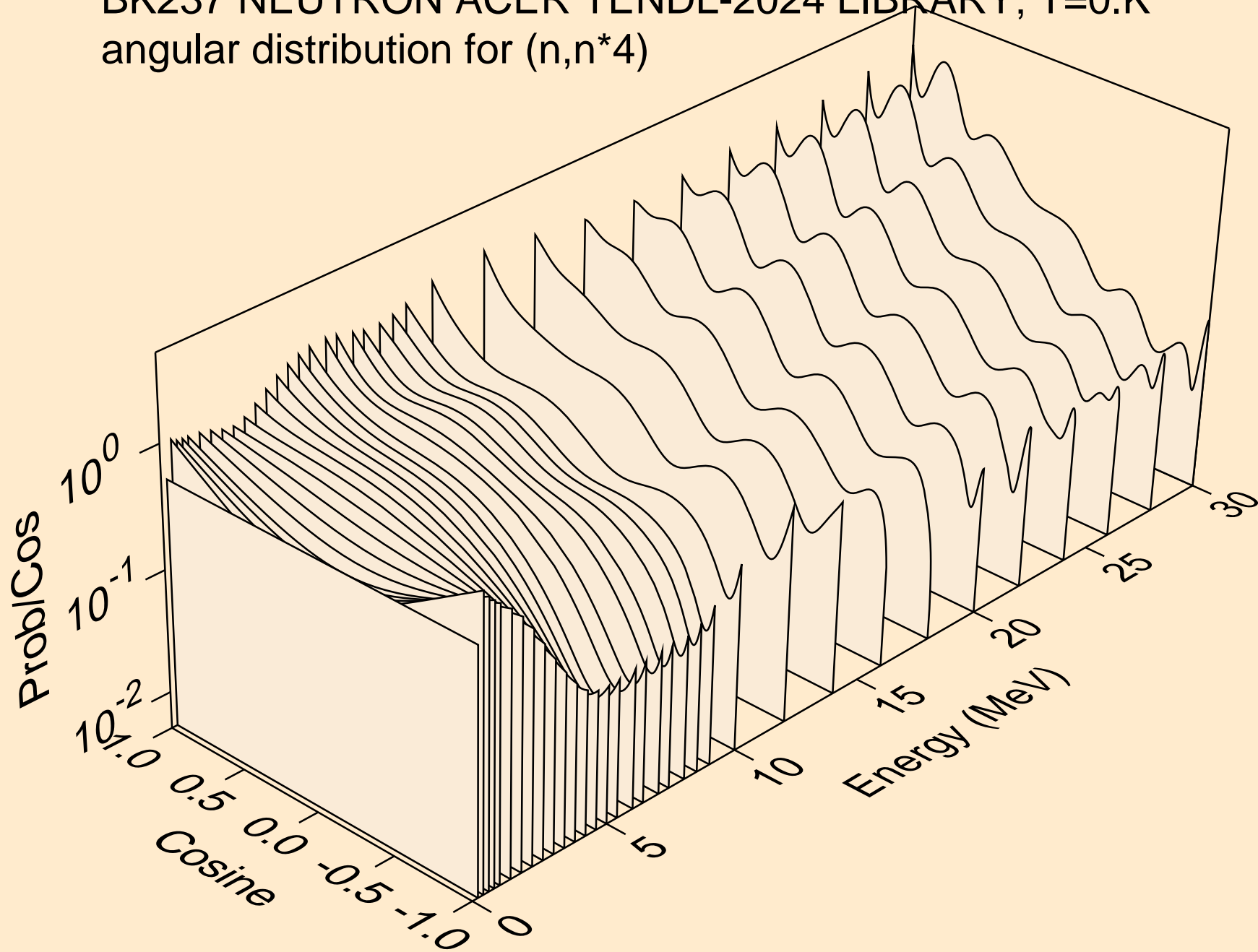
BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



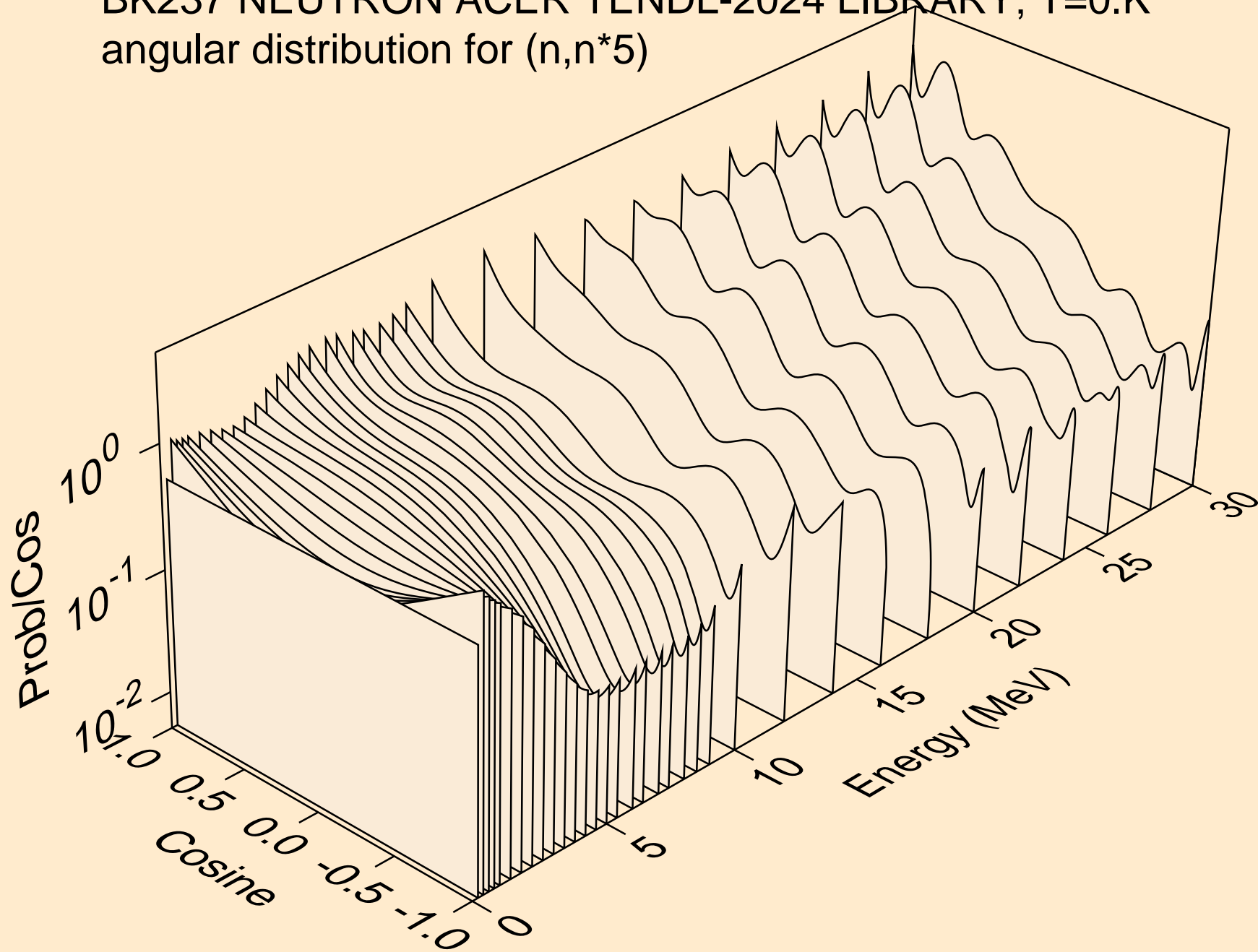
BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



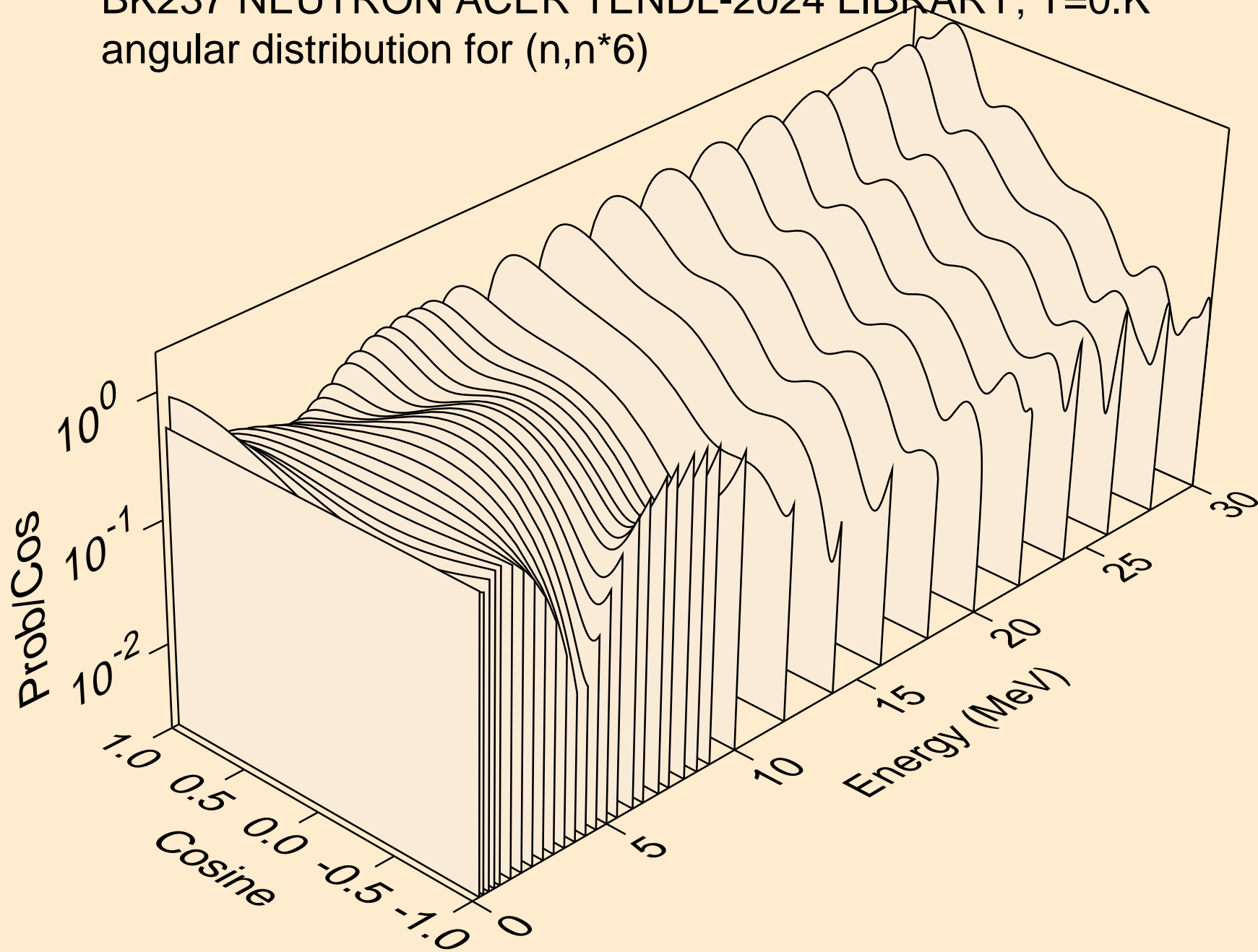
BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



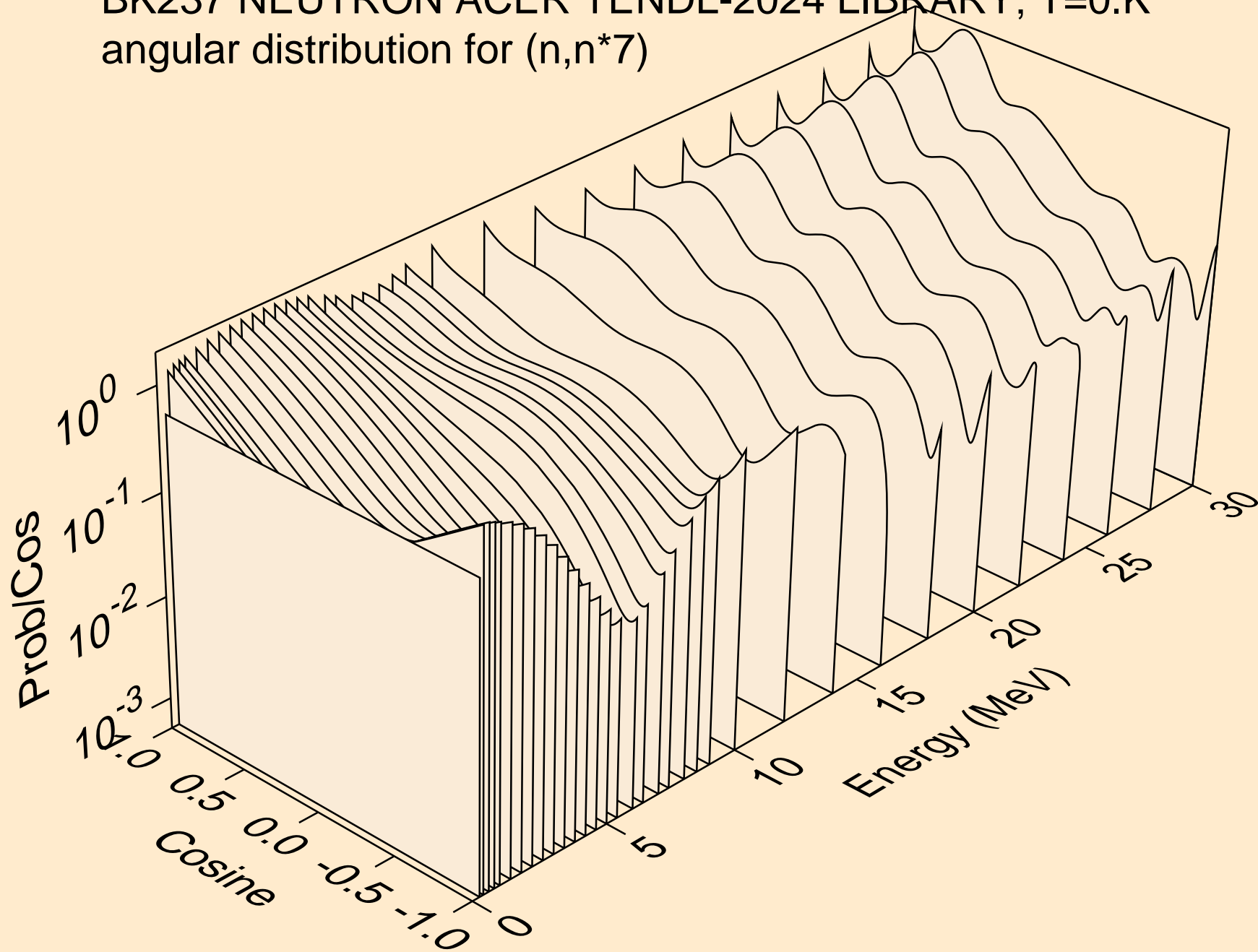
BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



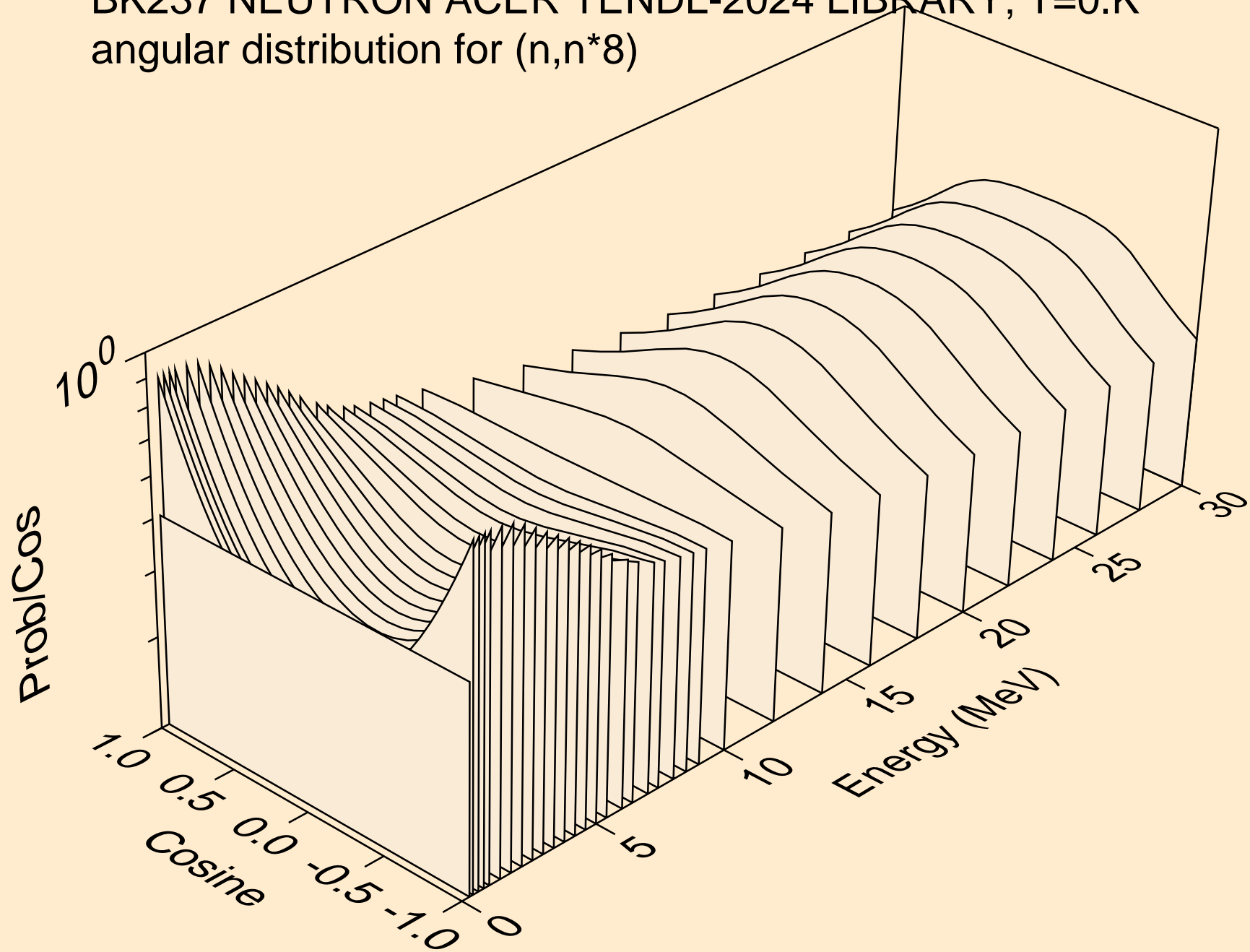
BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)

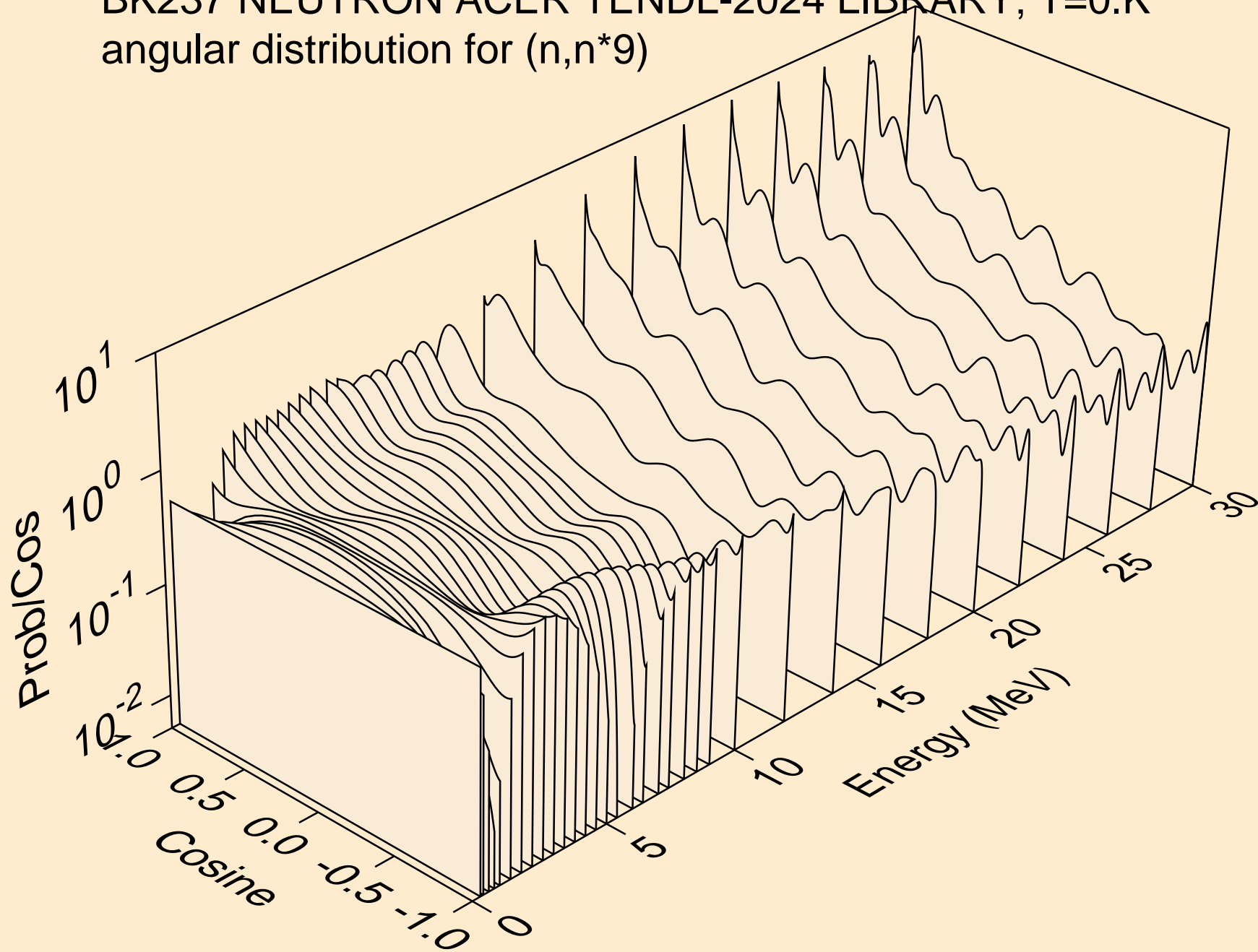


BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)

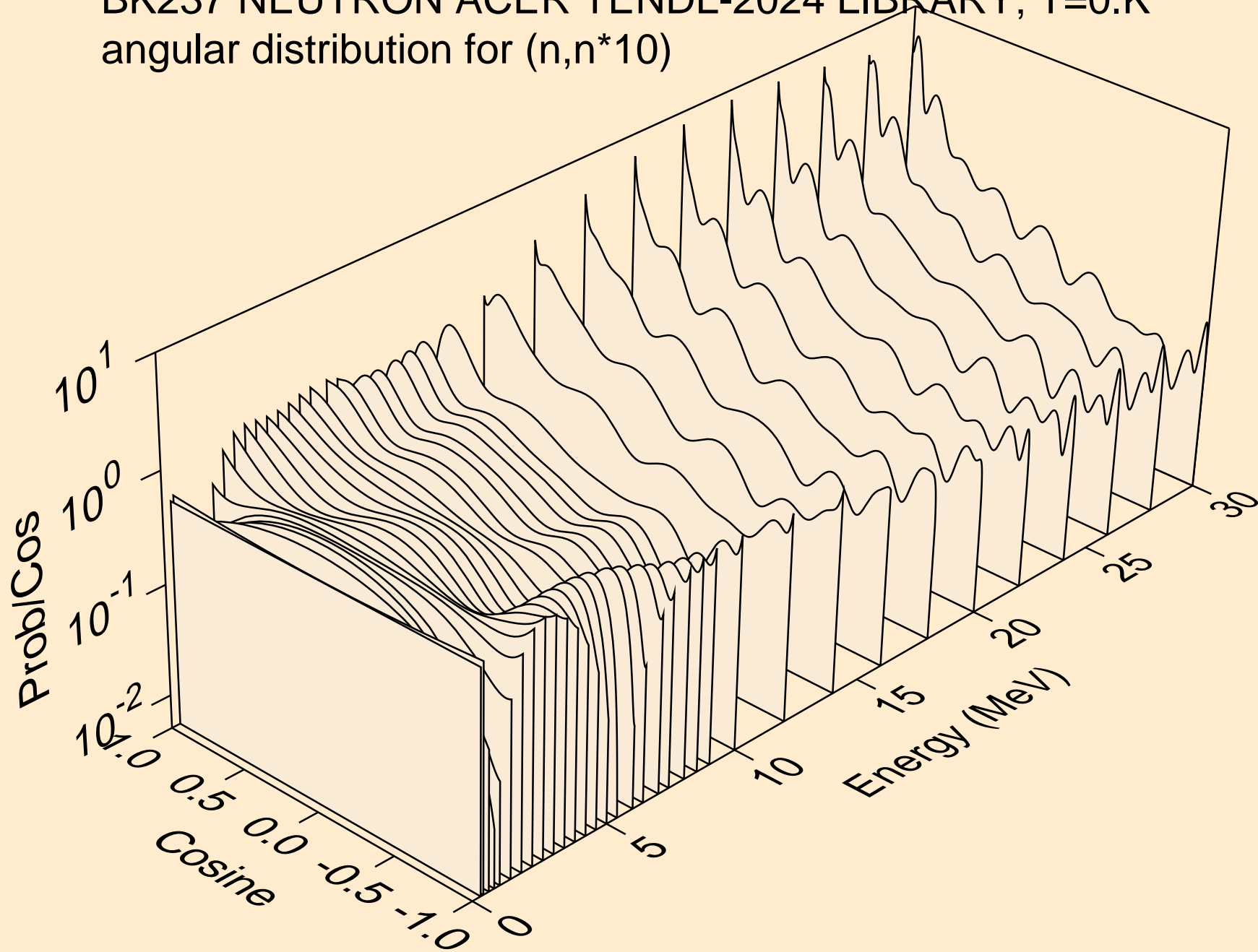




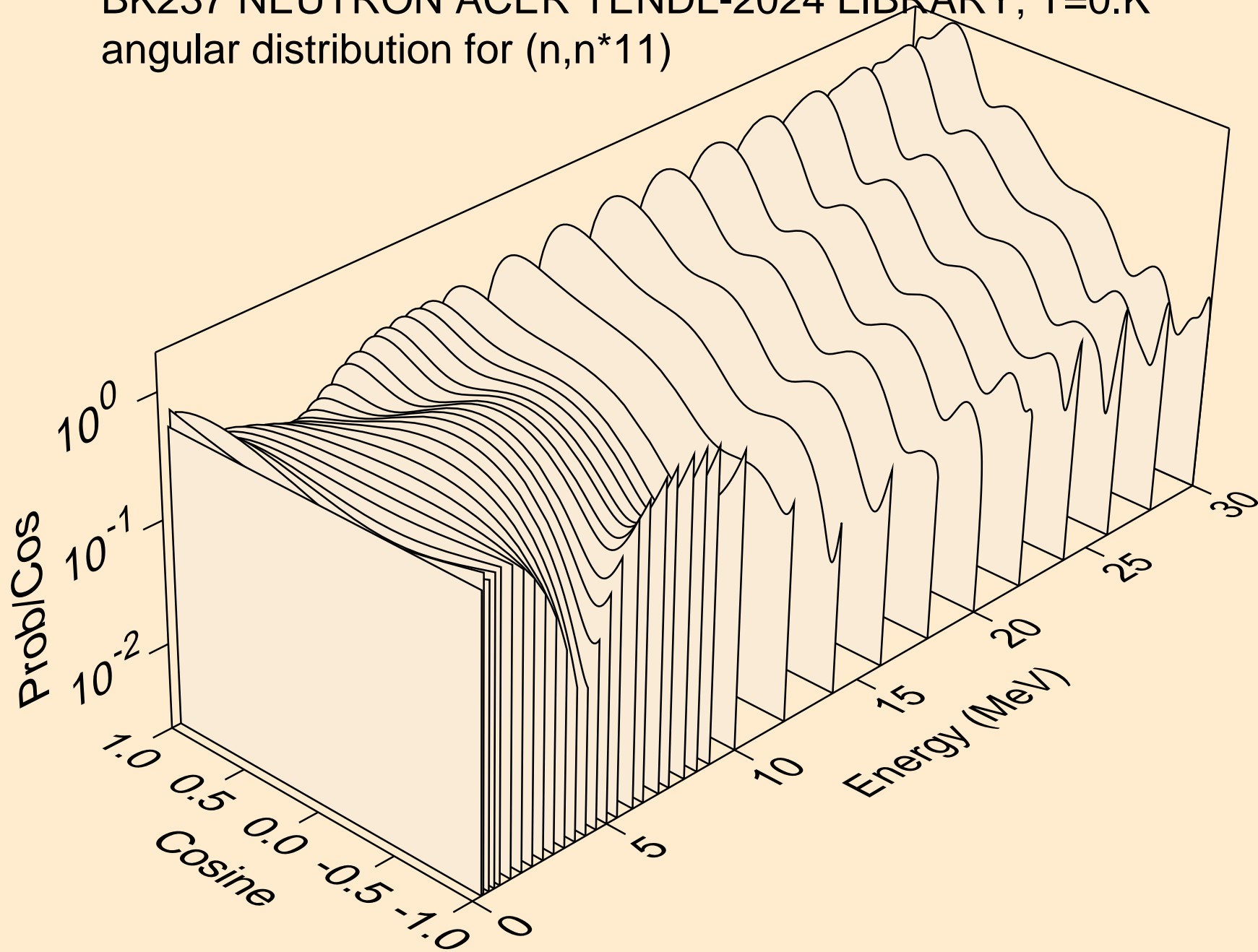
BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



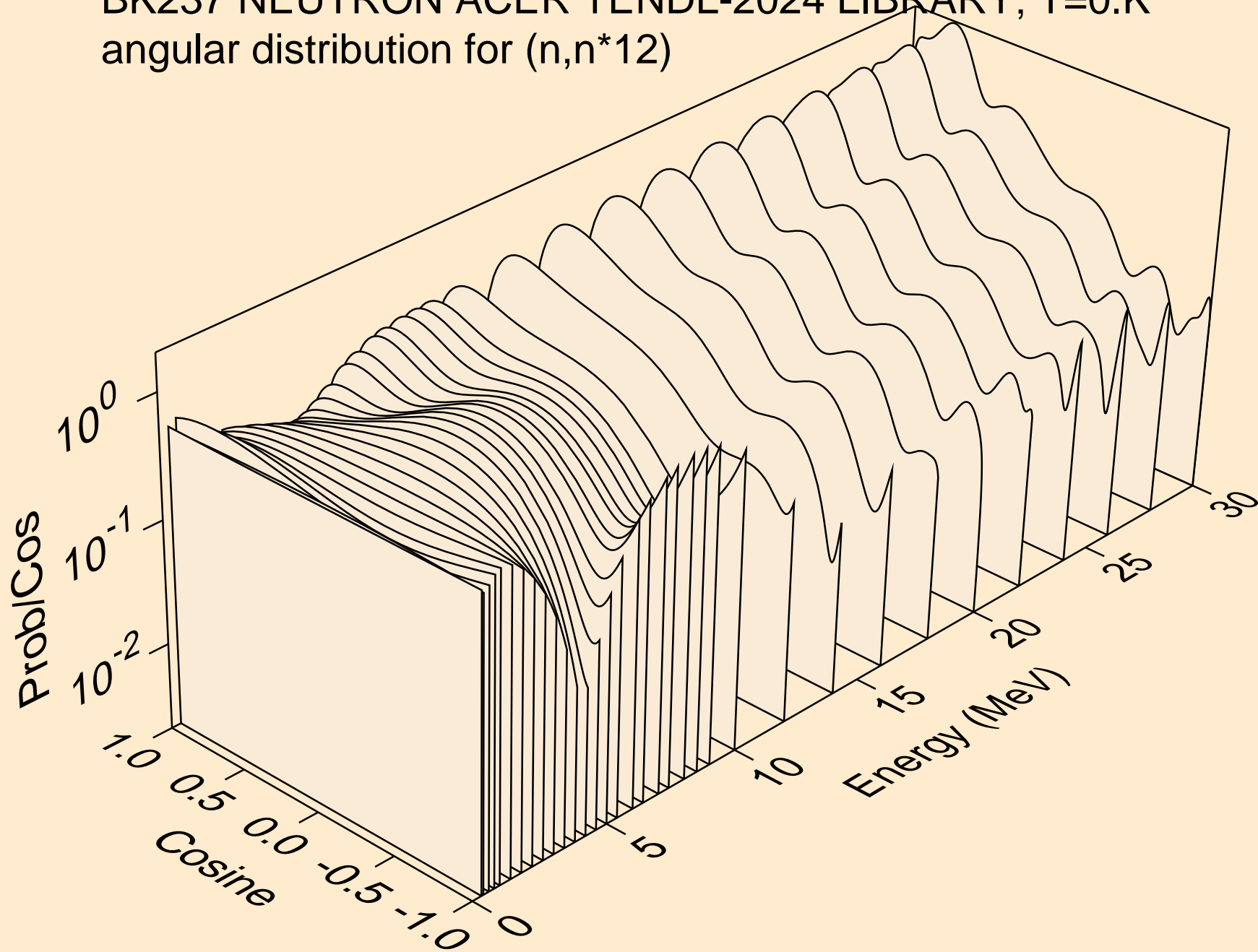
BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



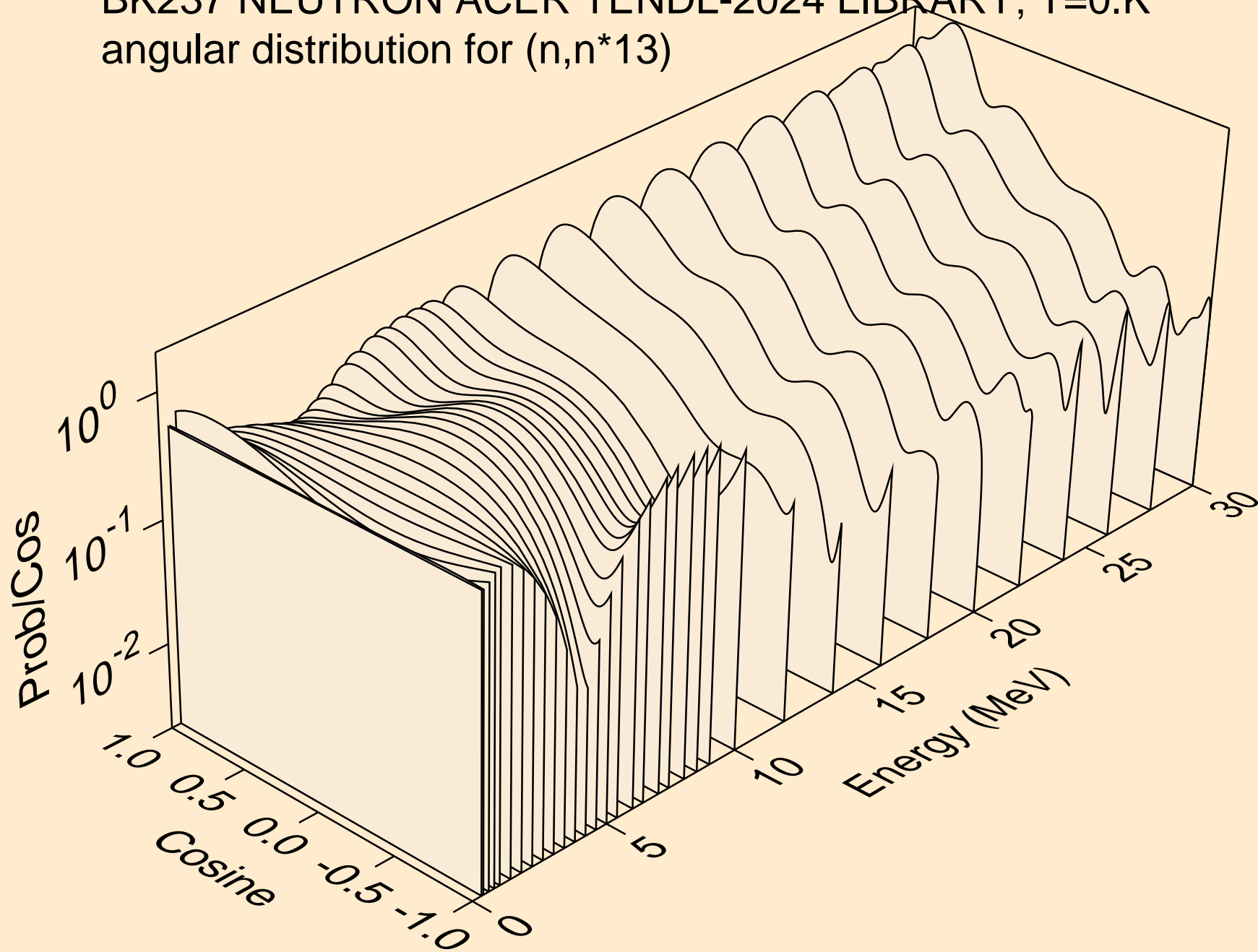
BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



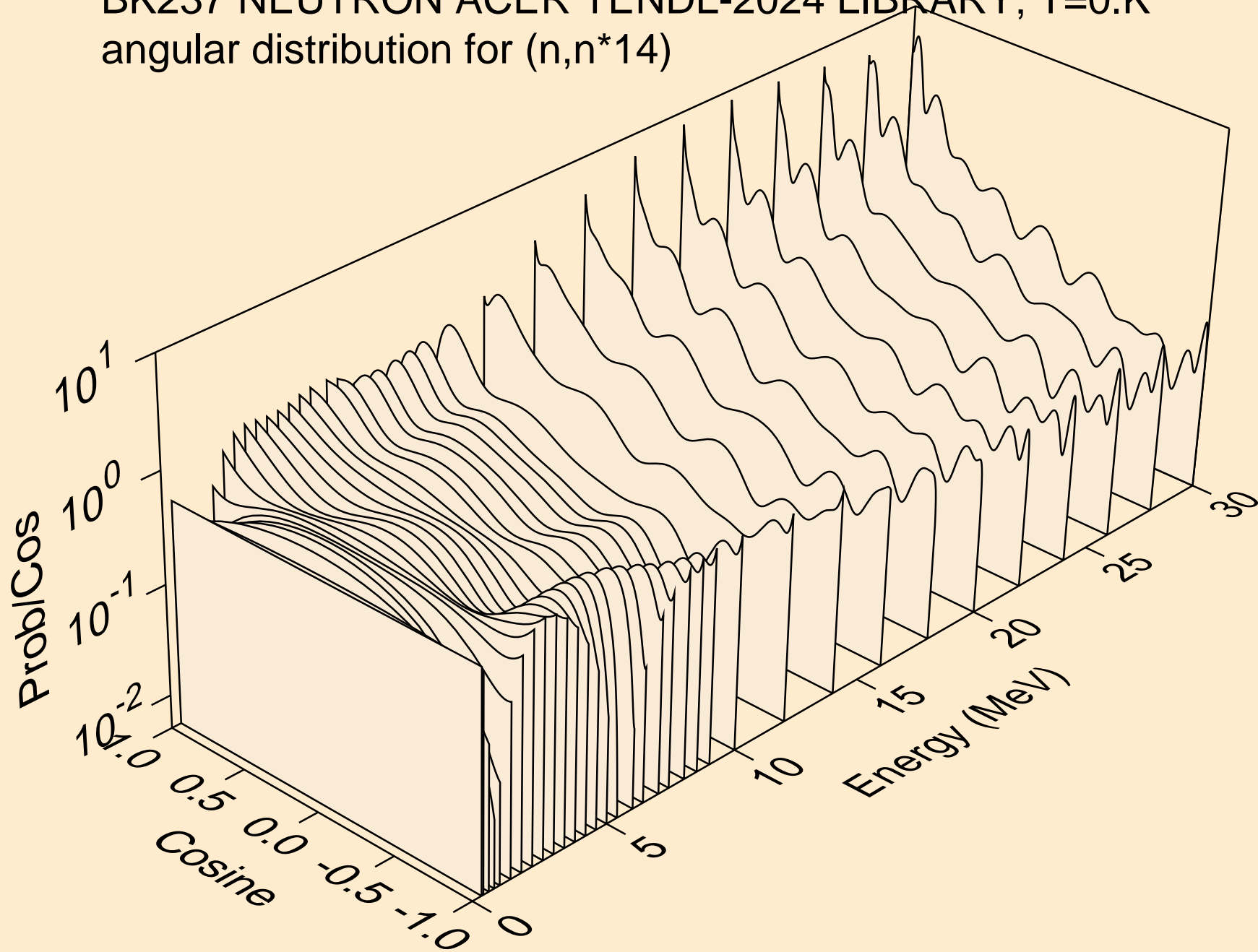
BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



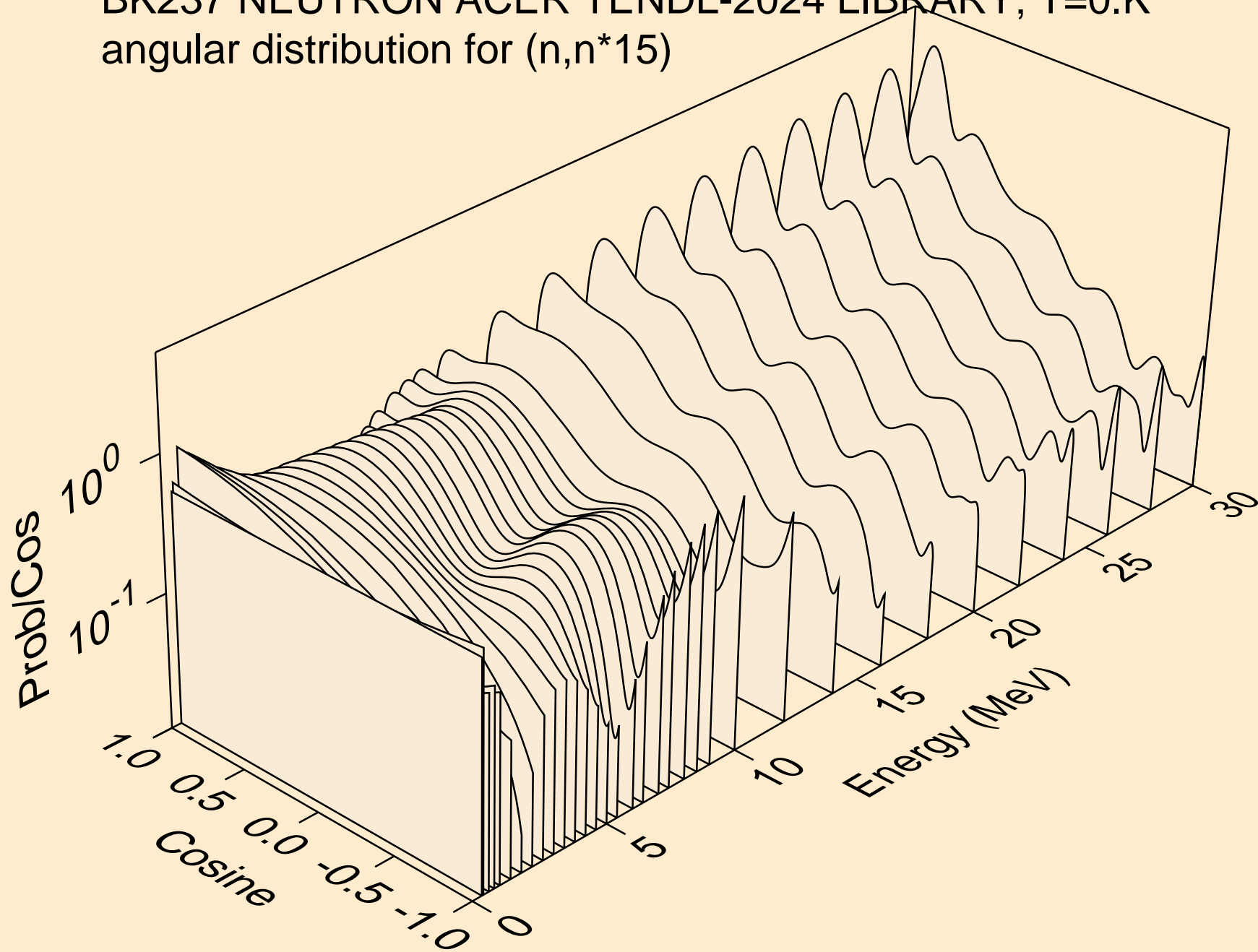
BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



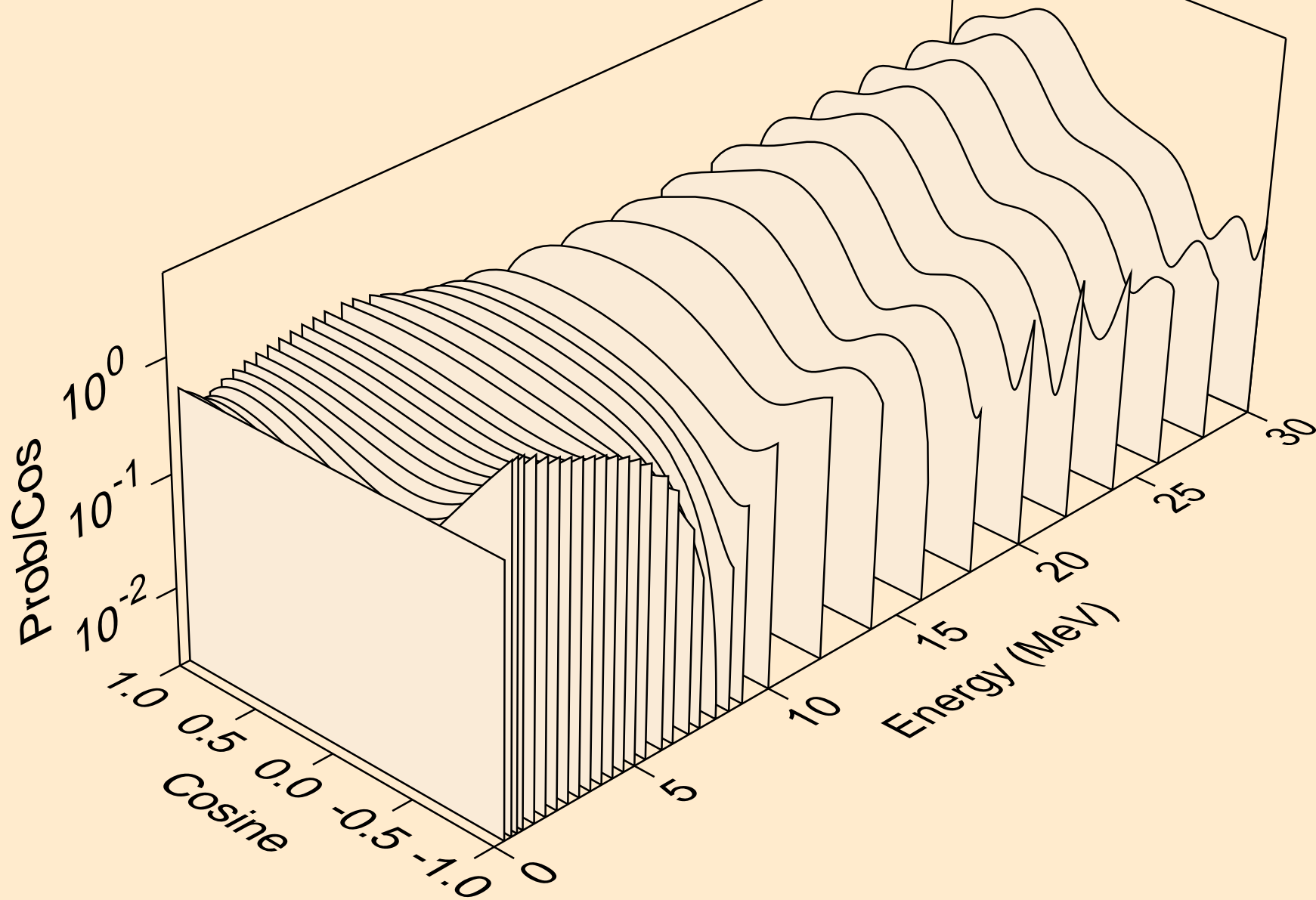
BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)

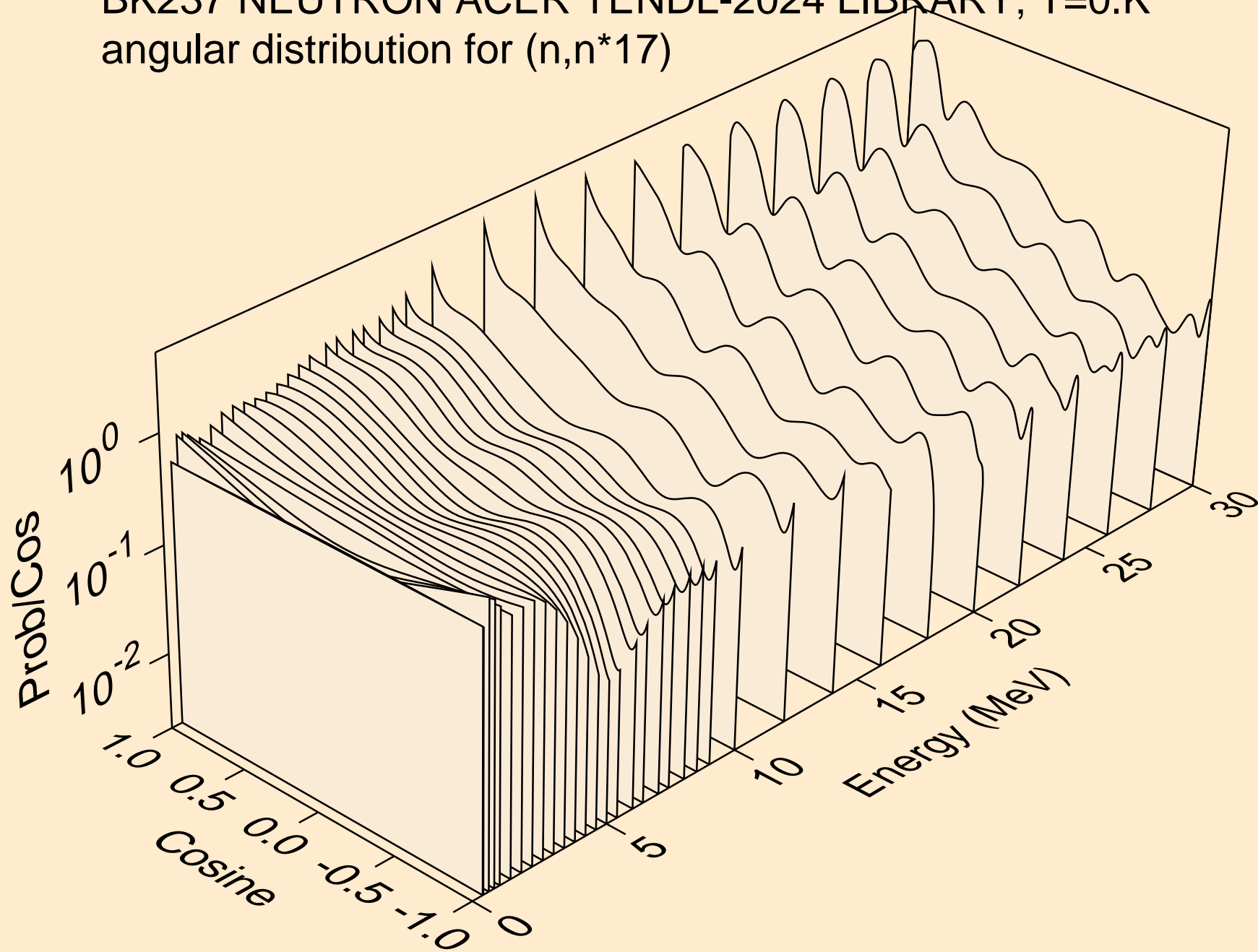


BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)

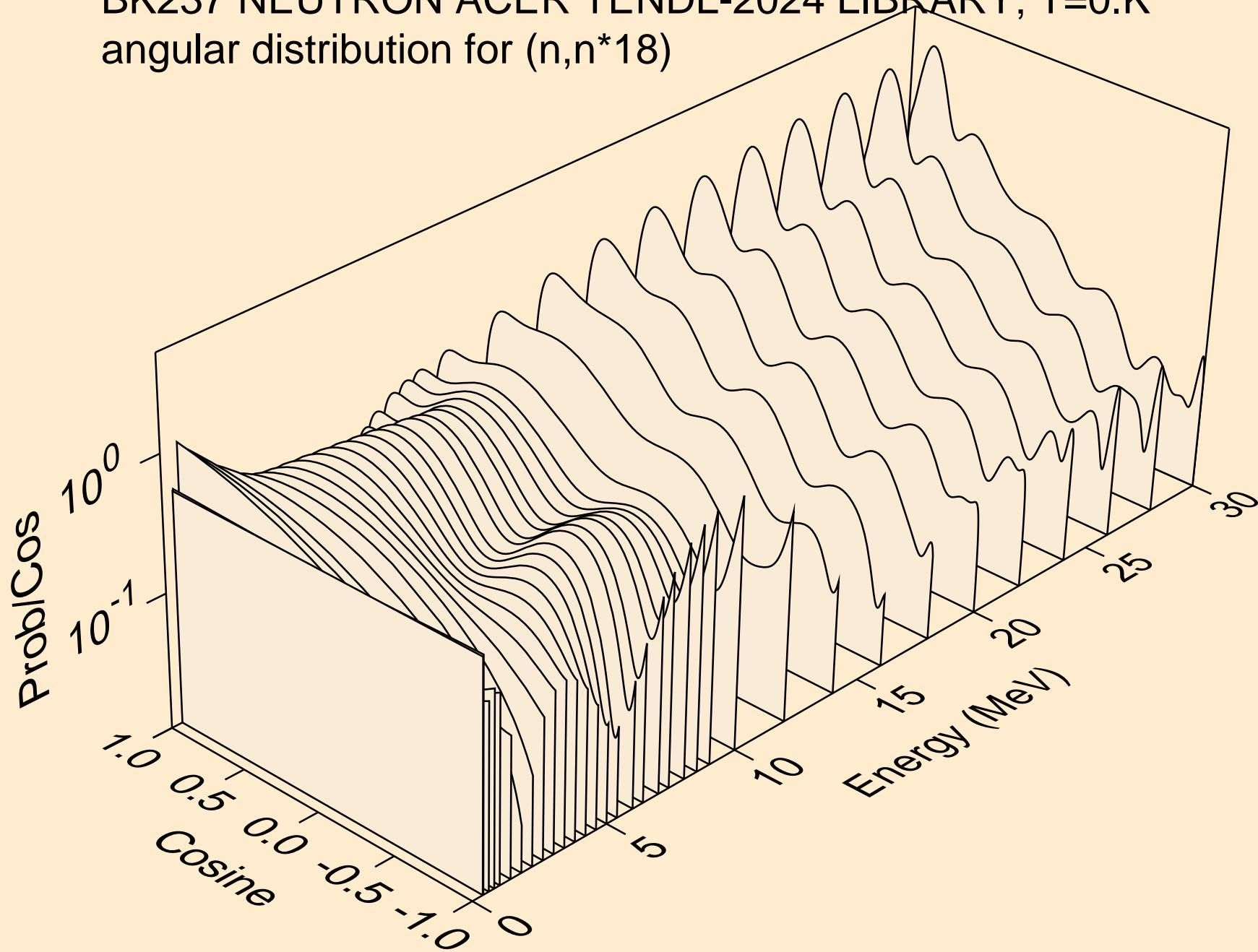




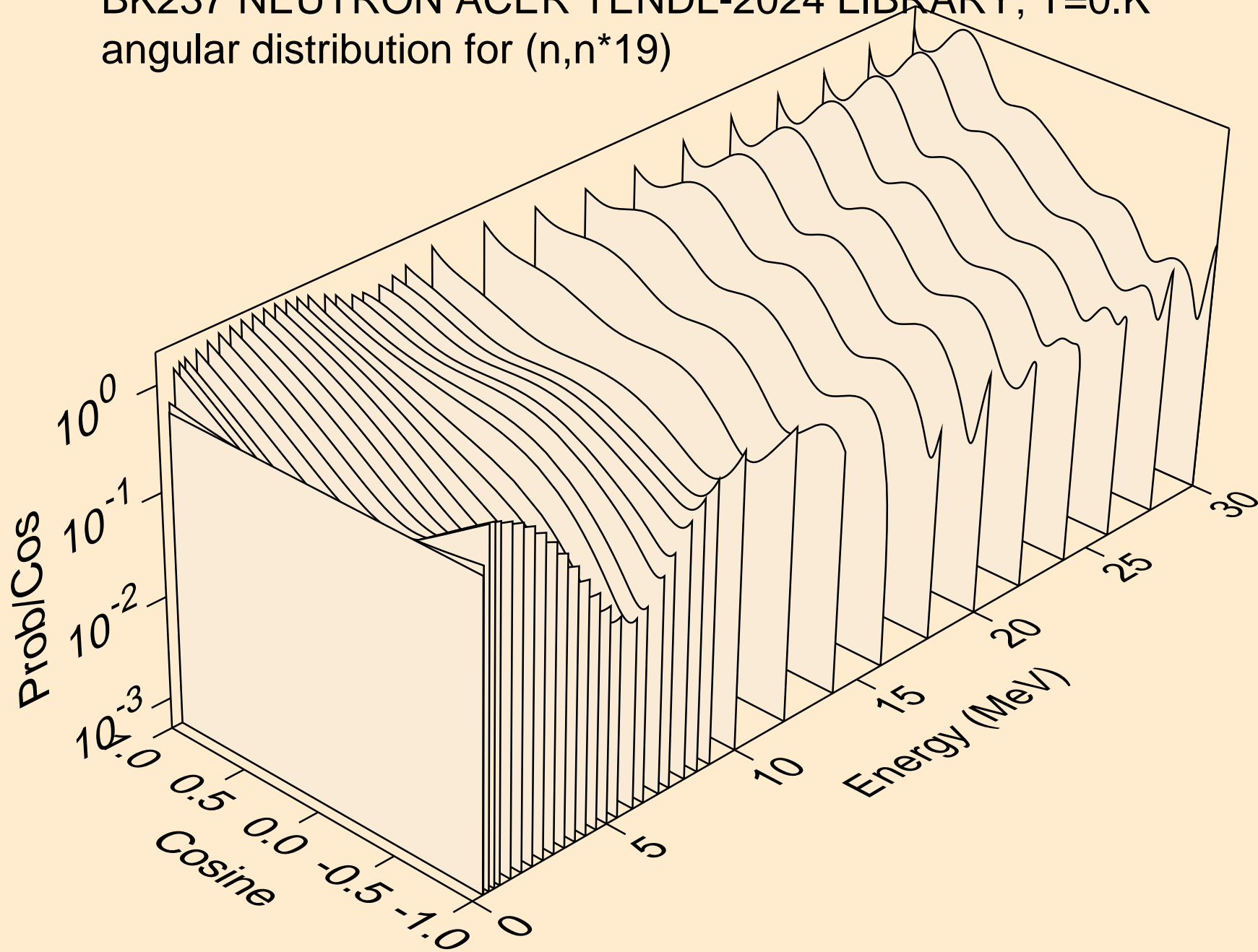
BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



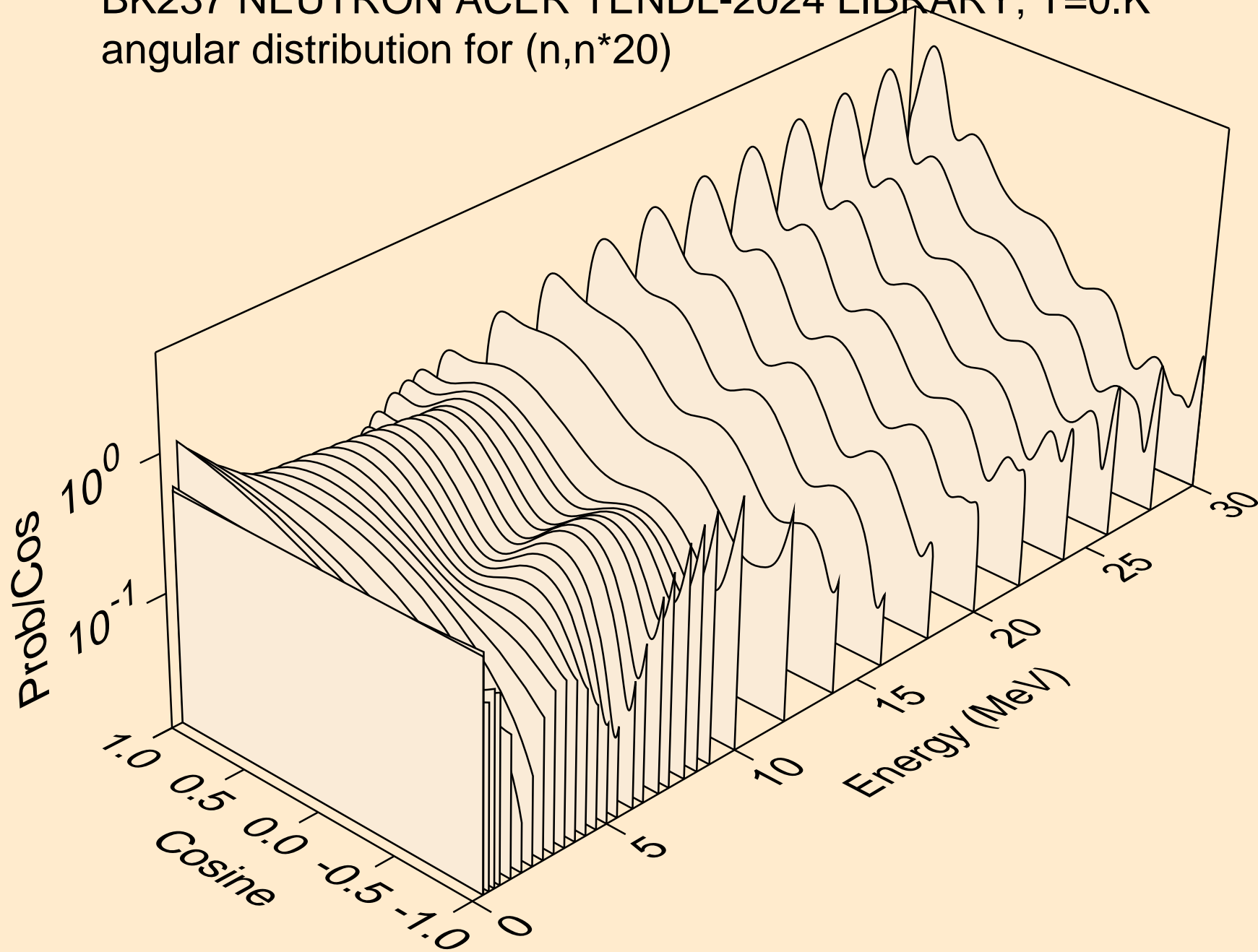
BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)



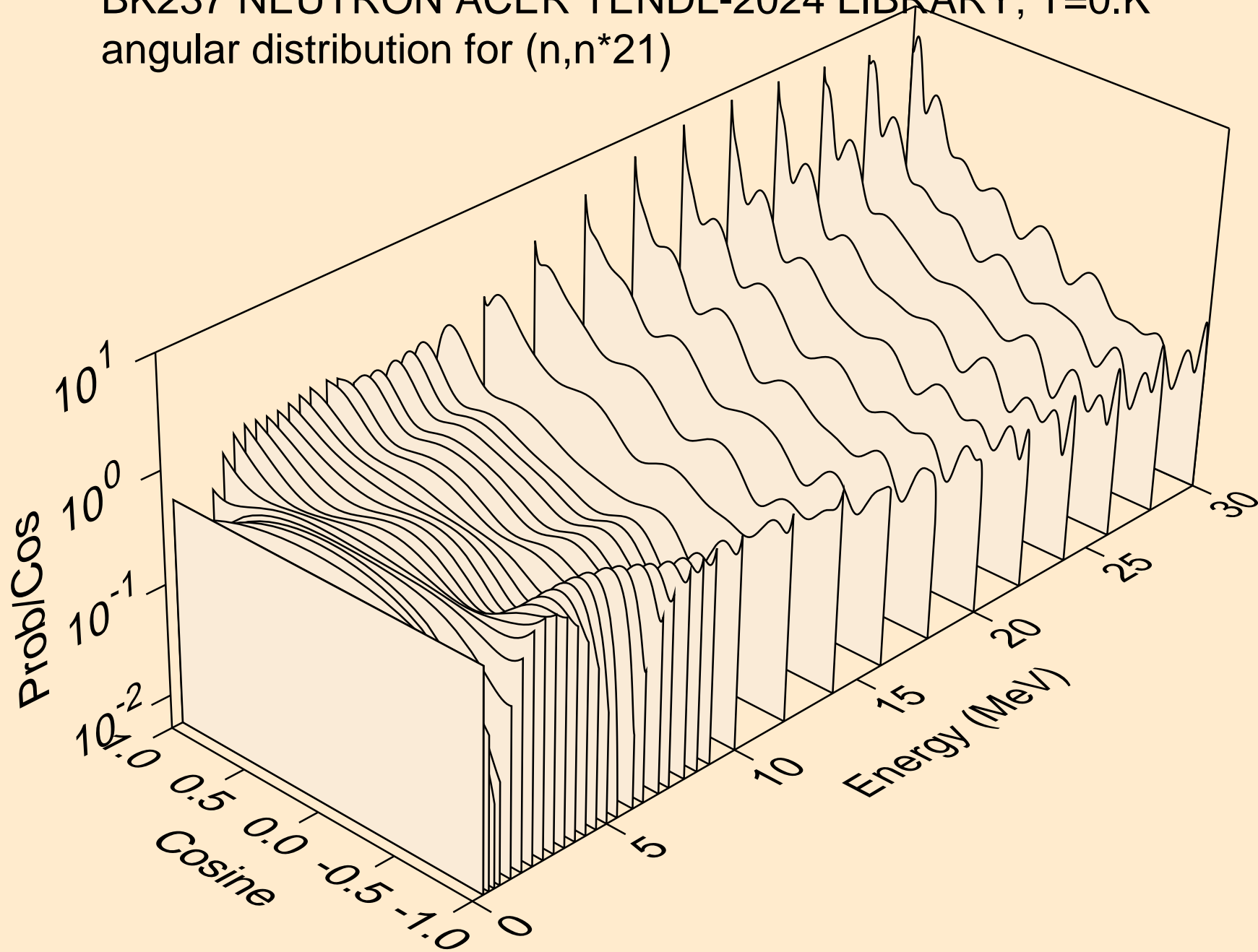
BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*19)



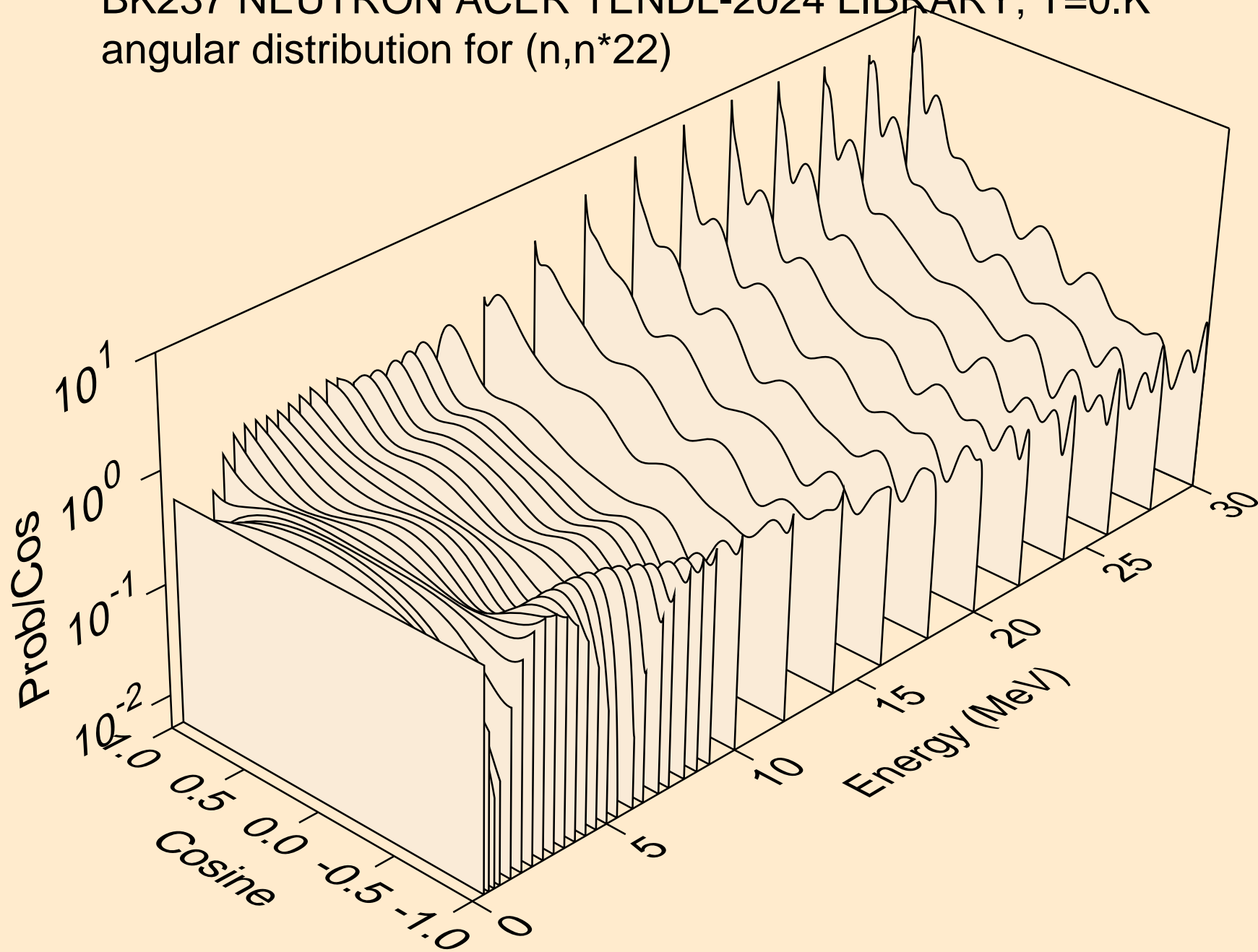
BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



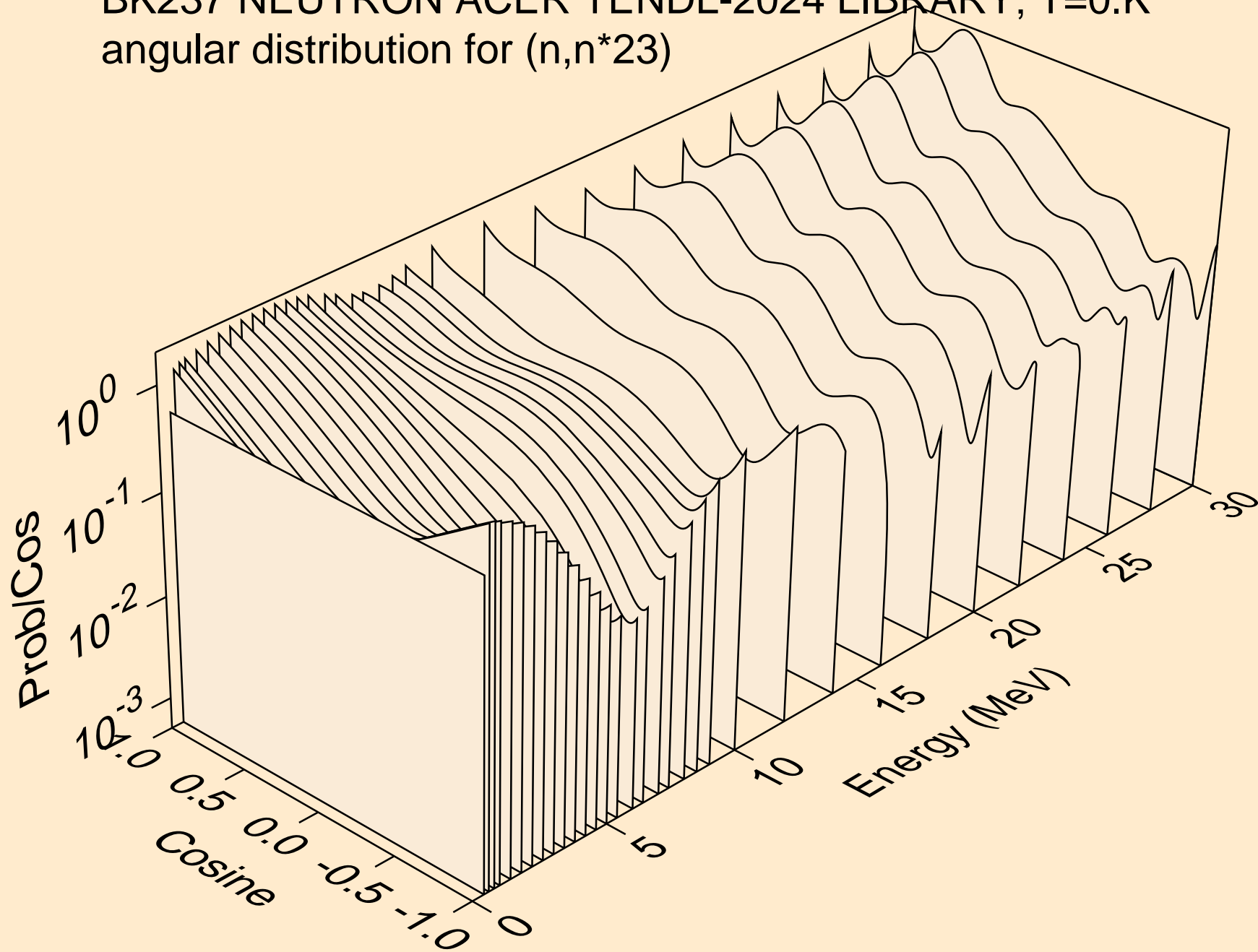
BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*21)



BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*22)

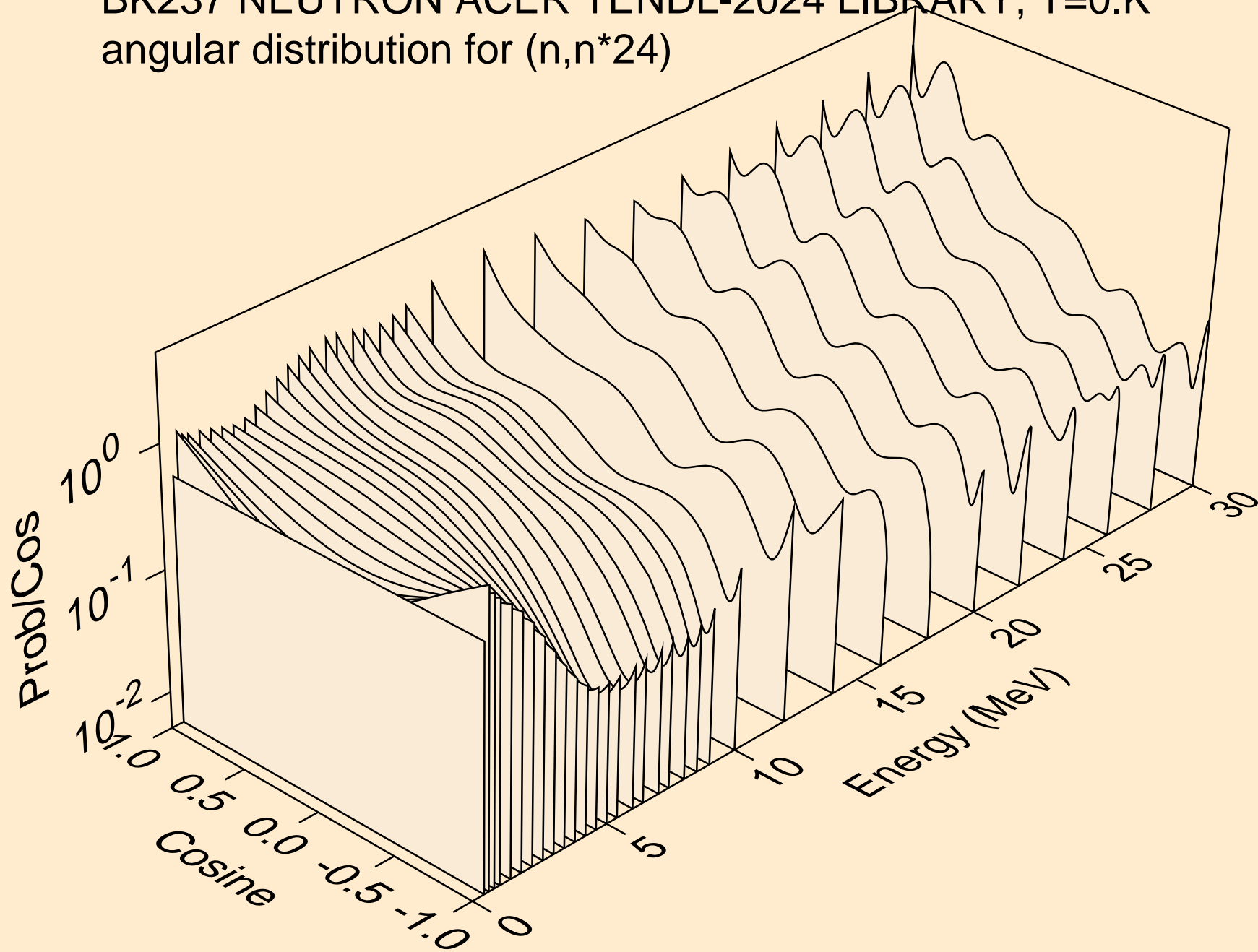


BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*23)



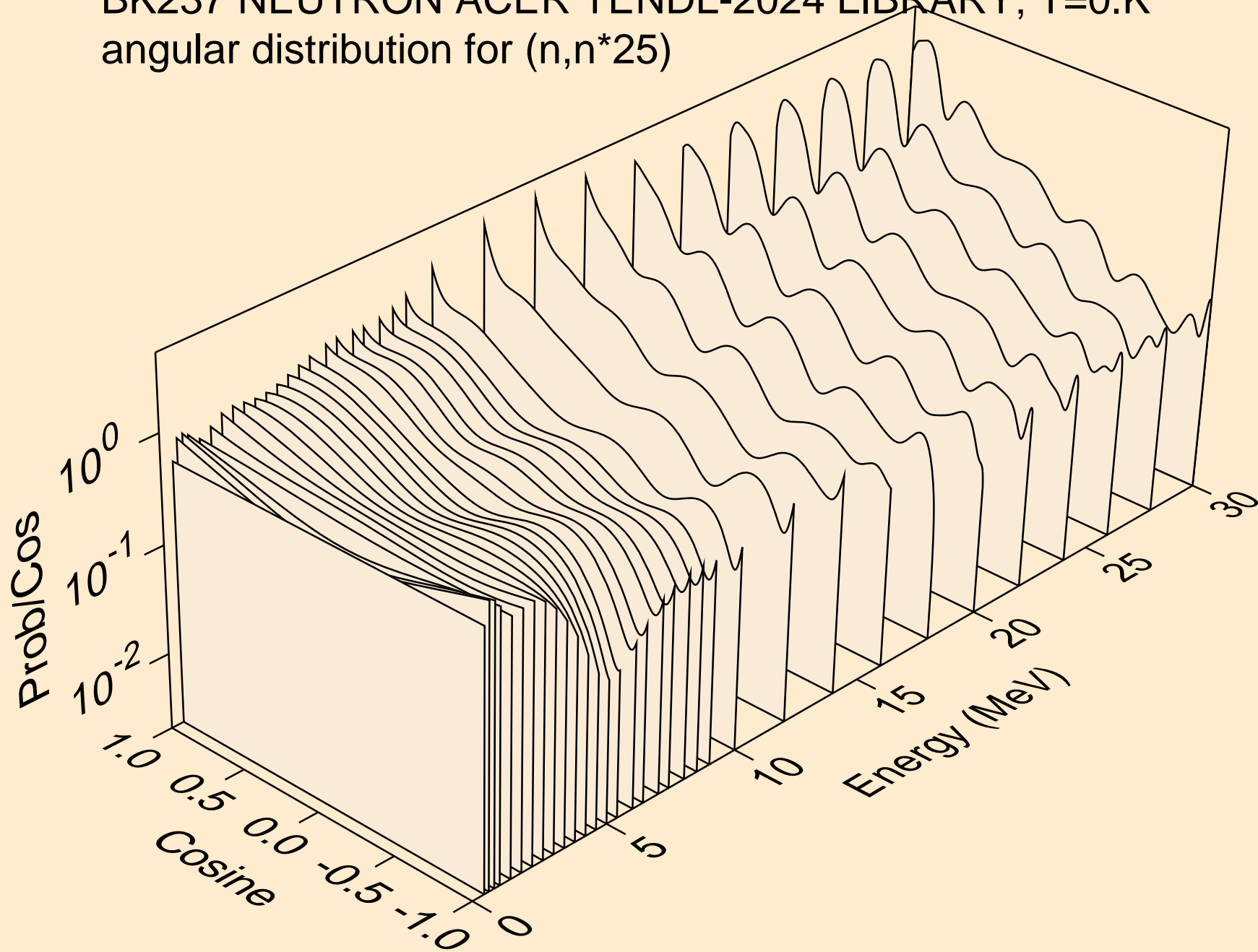


BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*24)

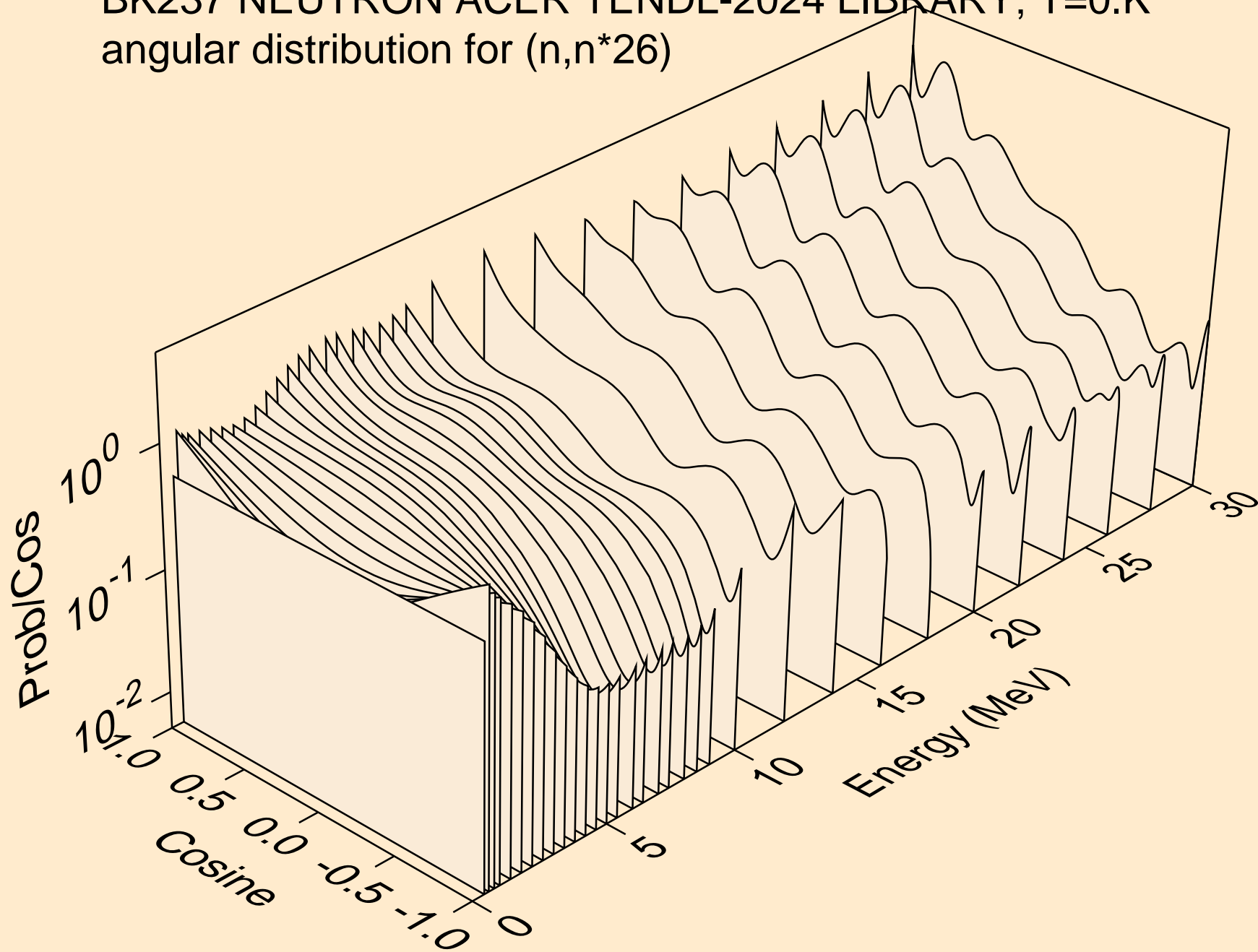




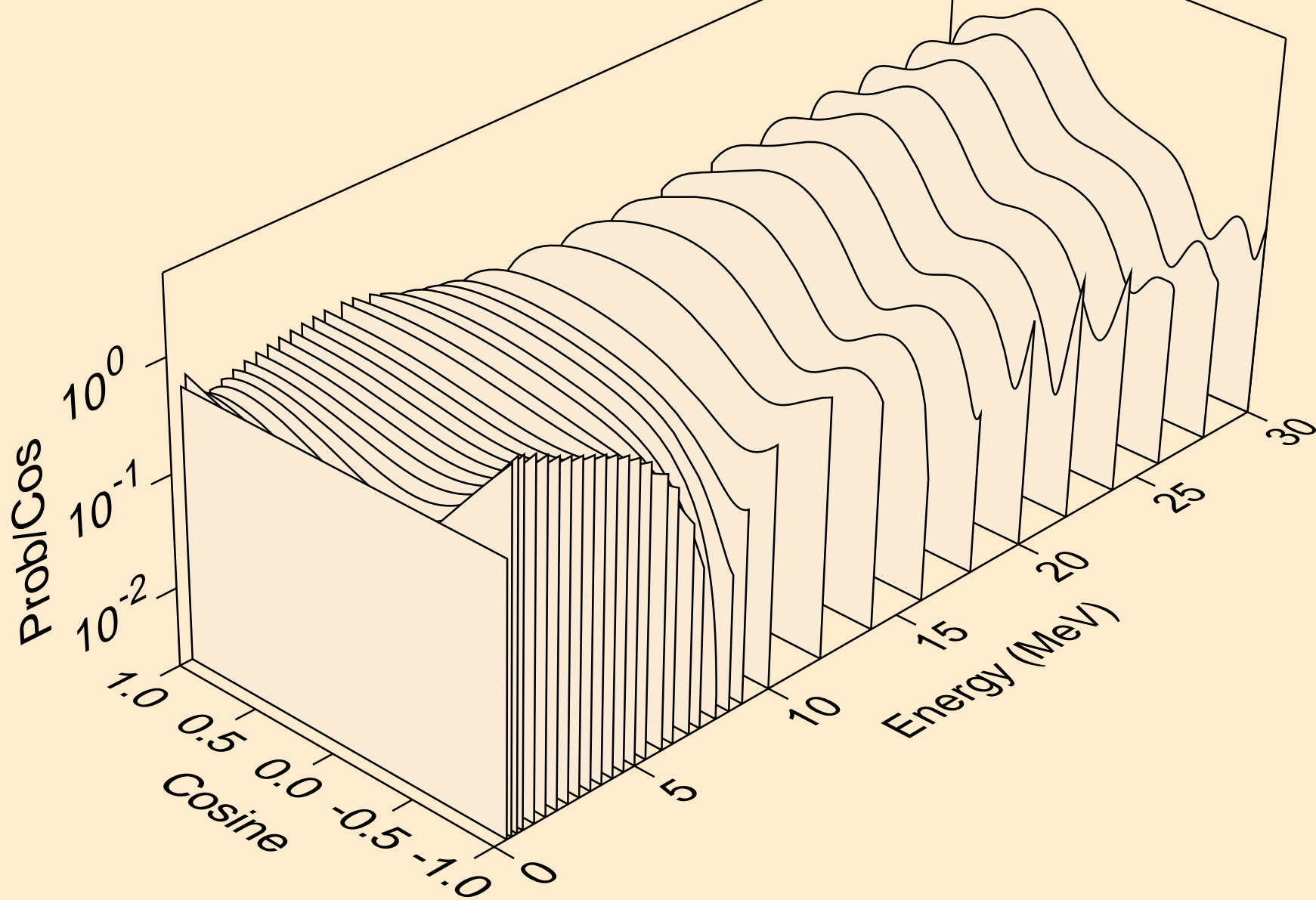
BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



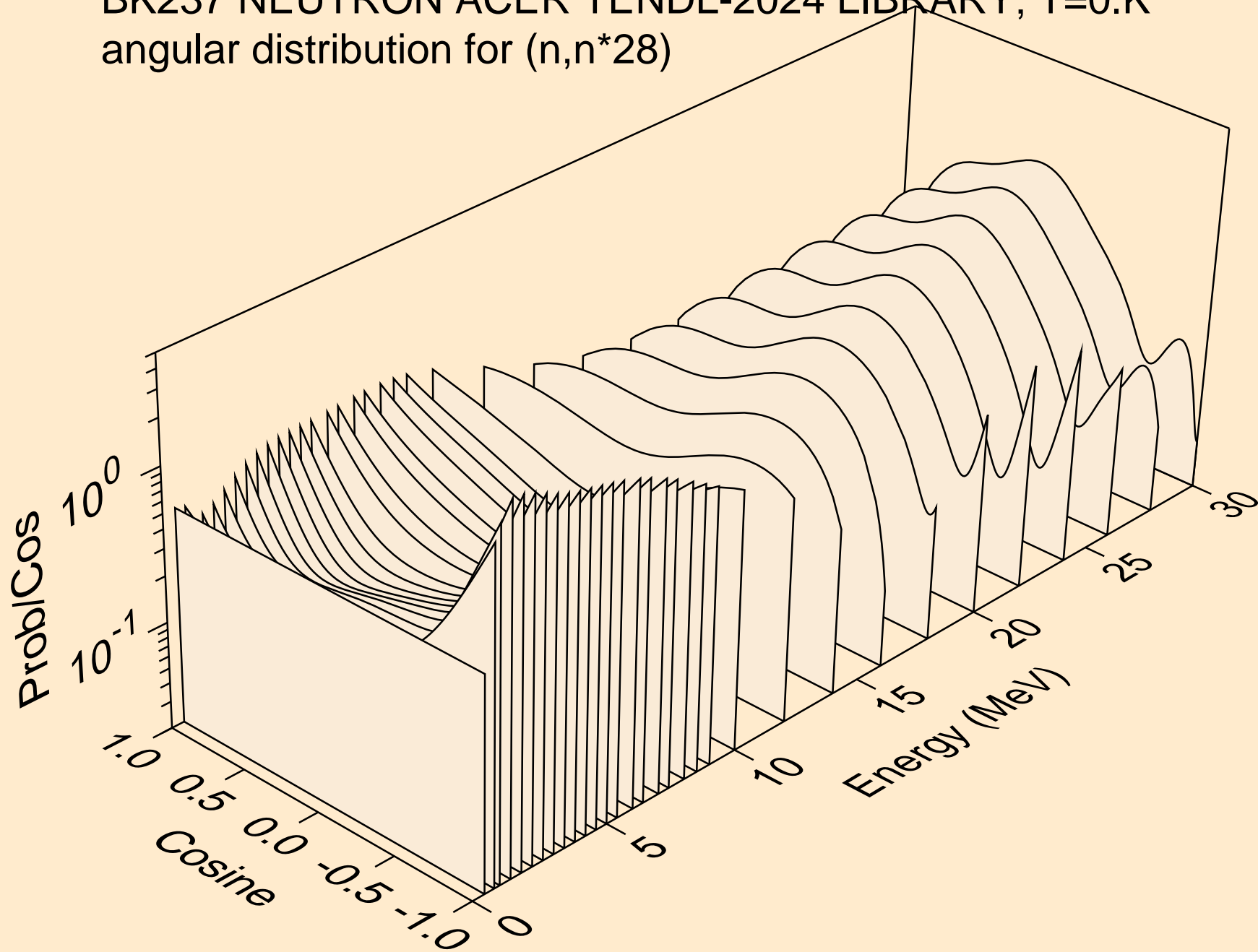
BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)



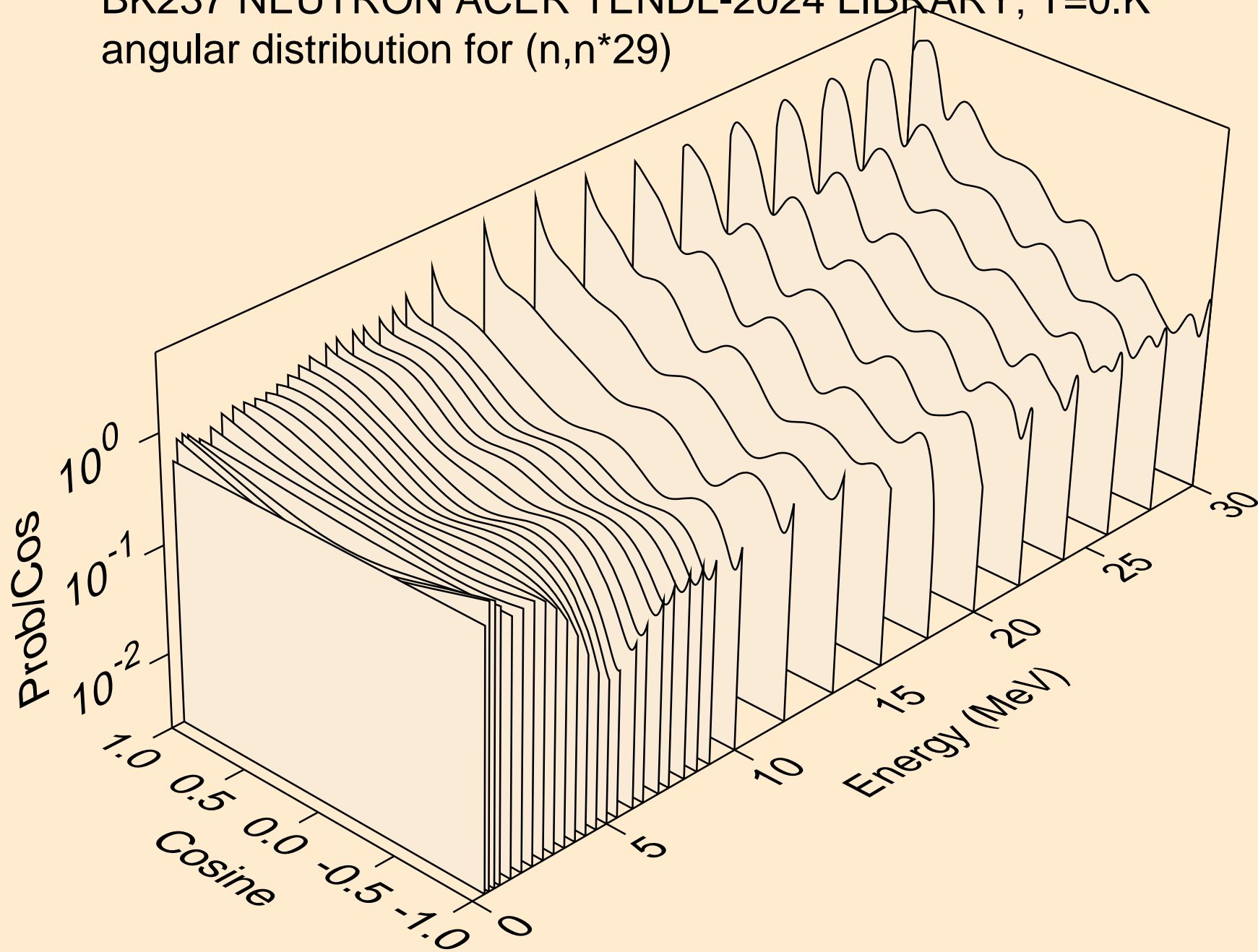
BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)



BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*28)

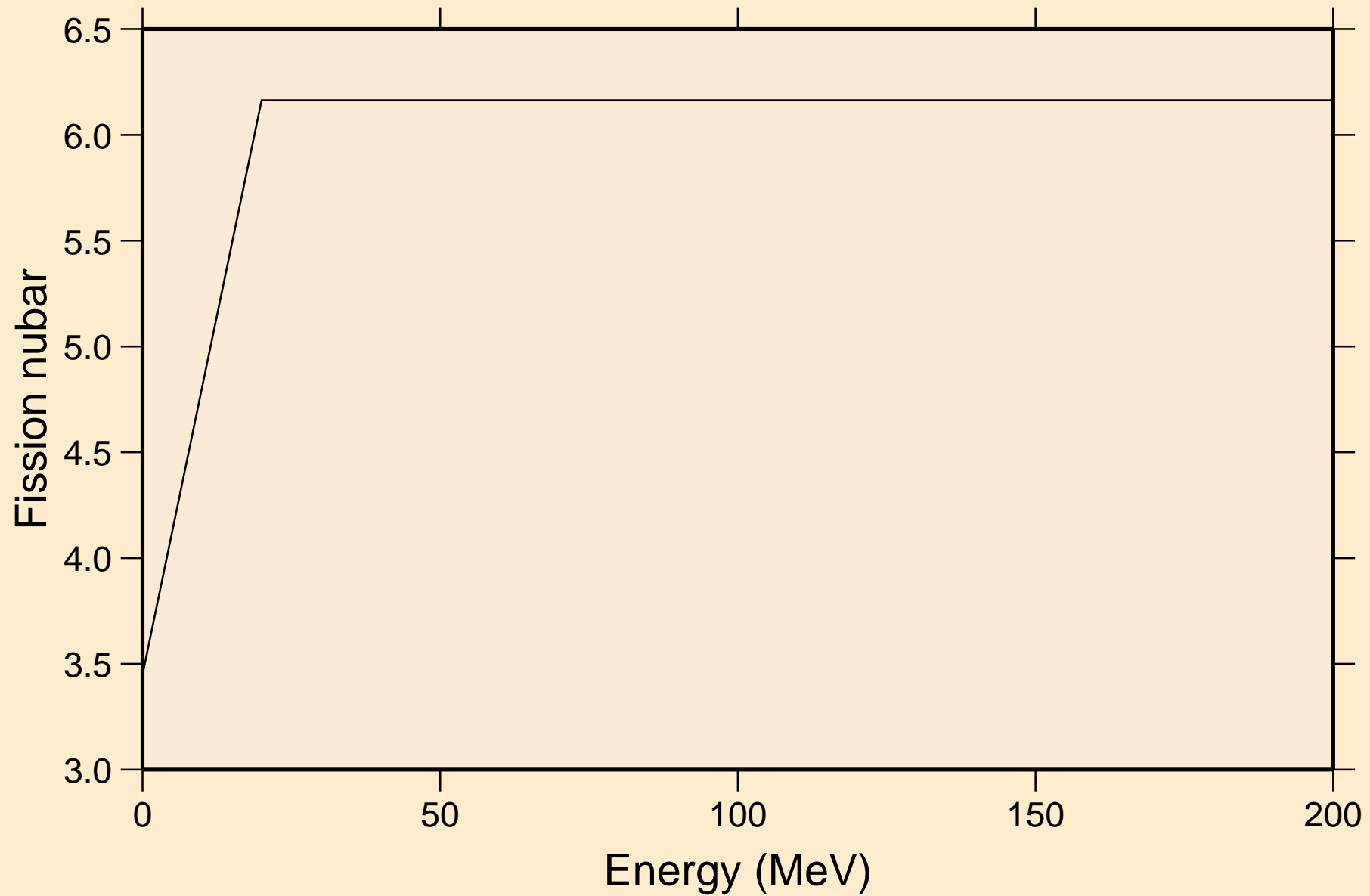


BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*29)

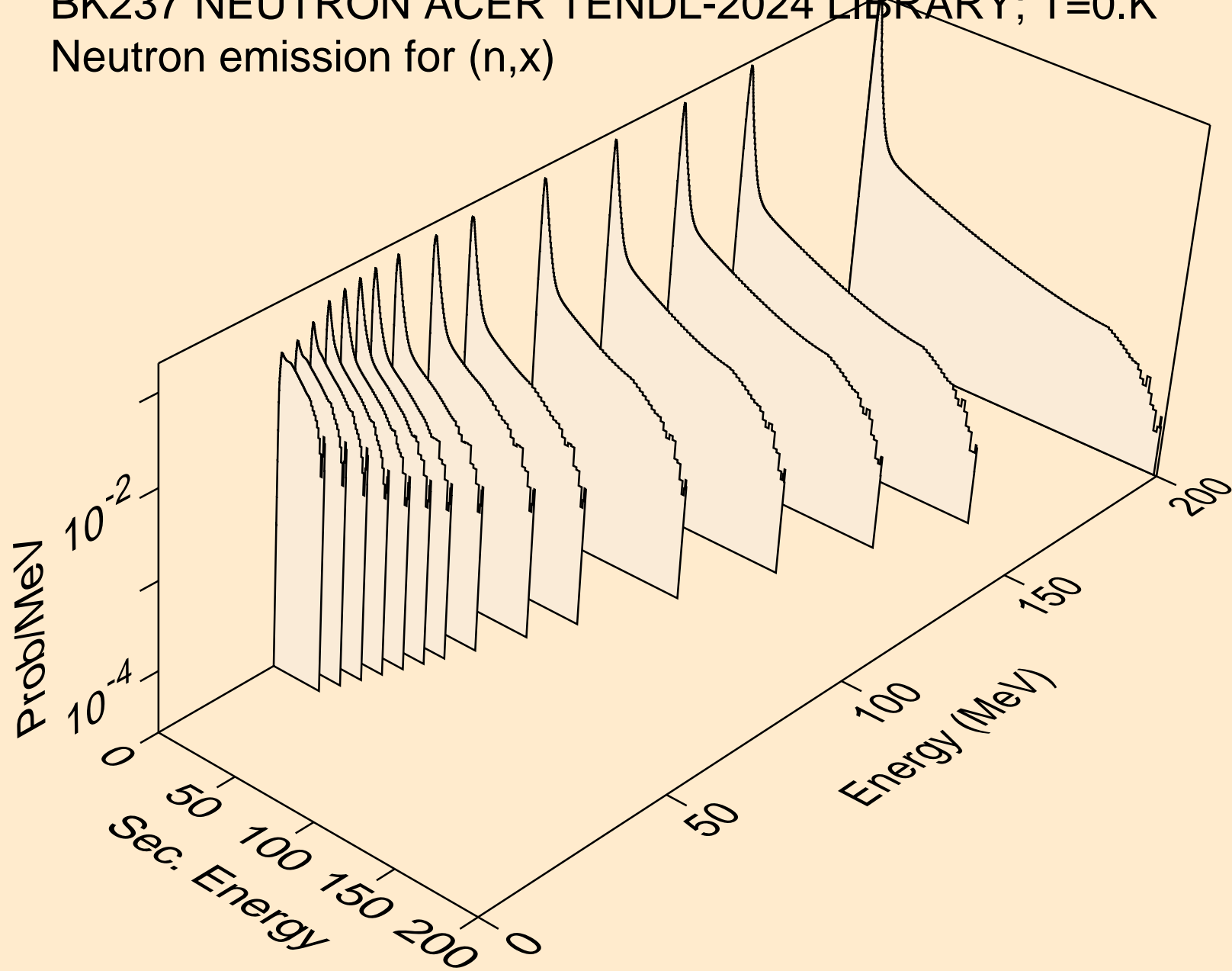


# BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

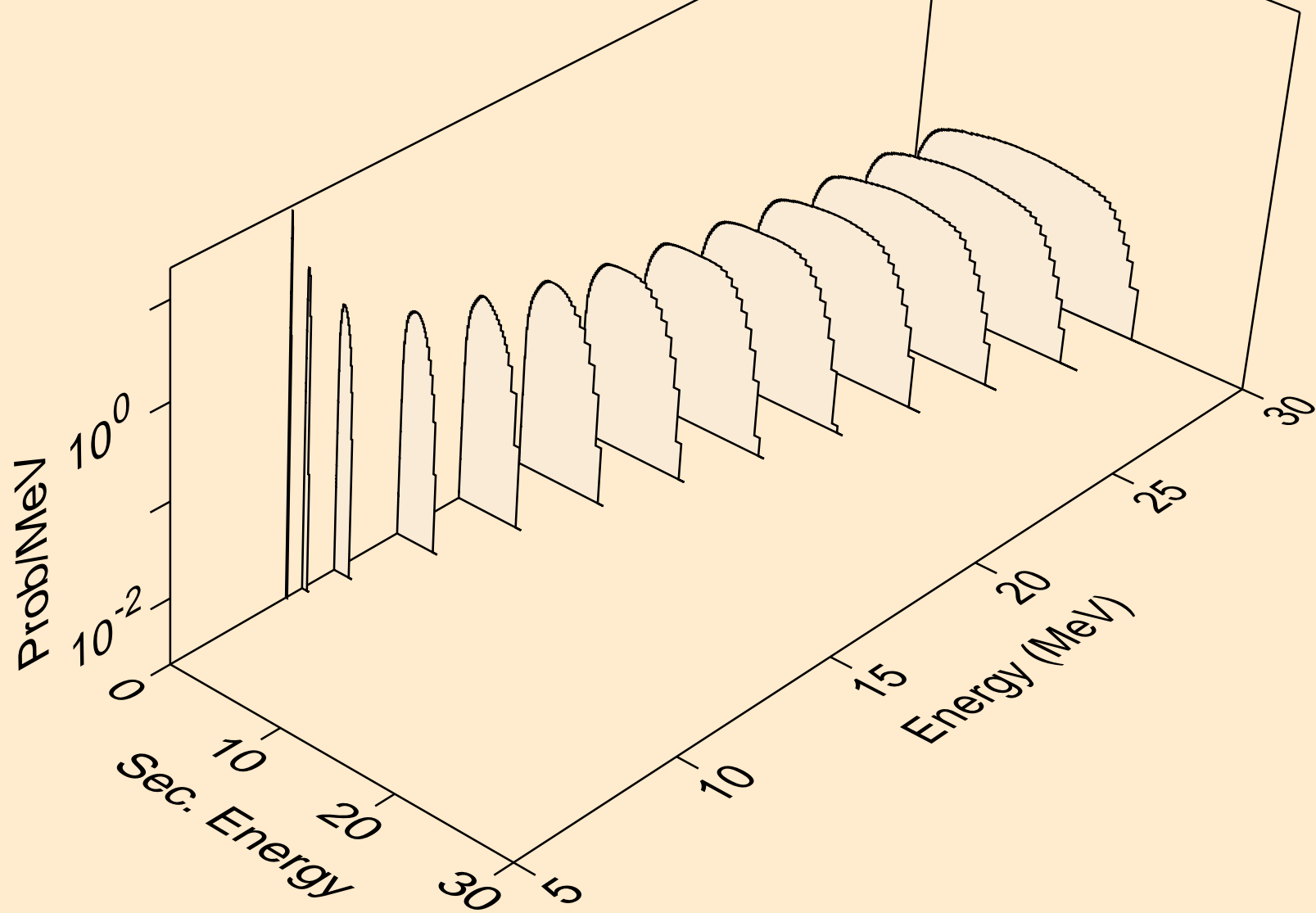
Total fission nubar



BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)

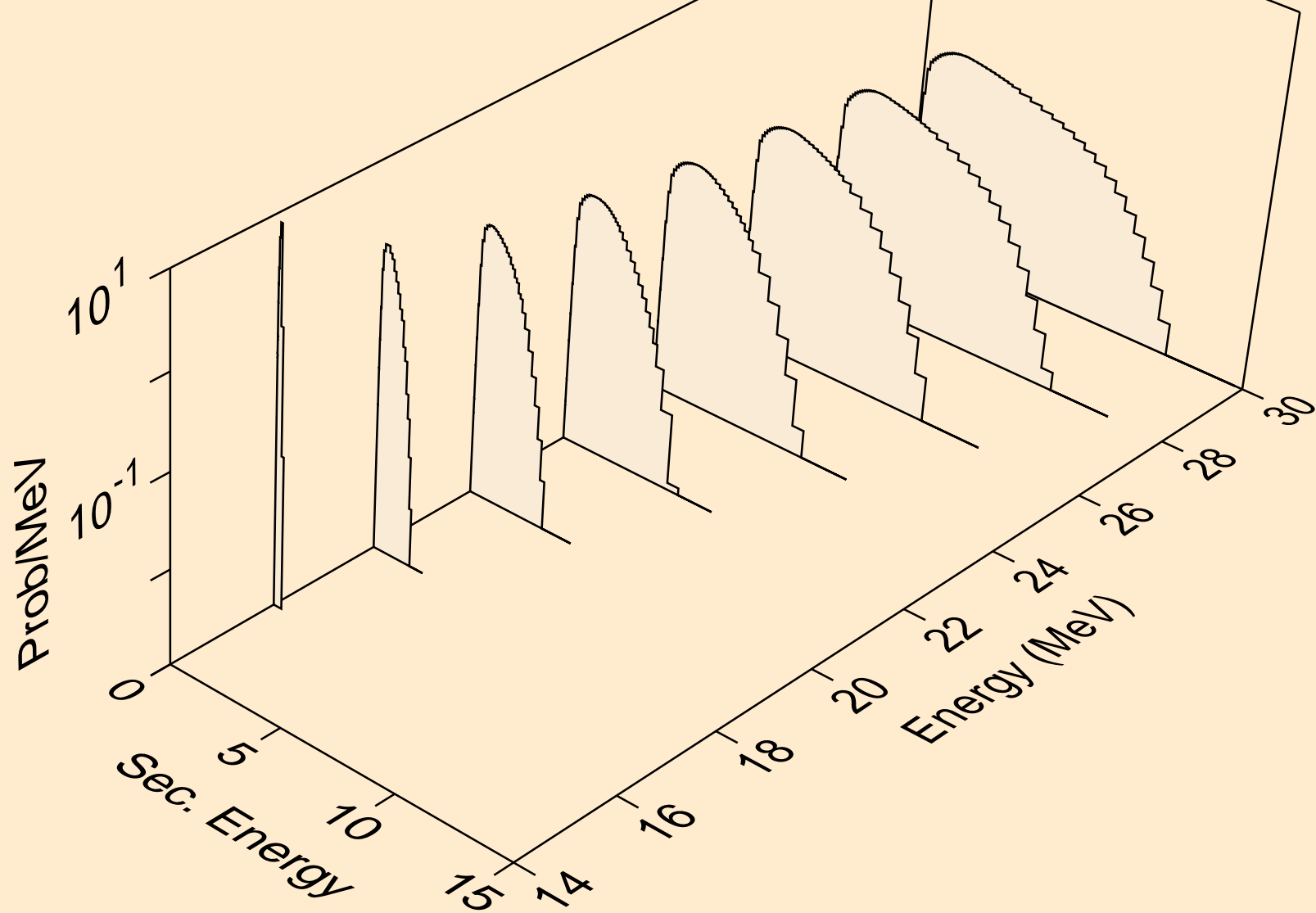


BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)

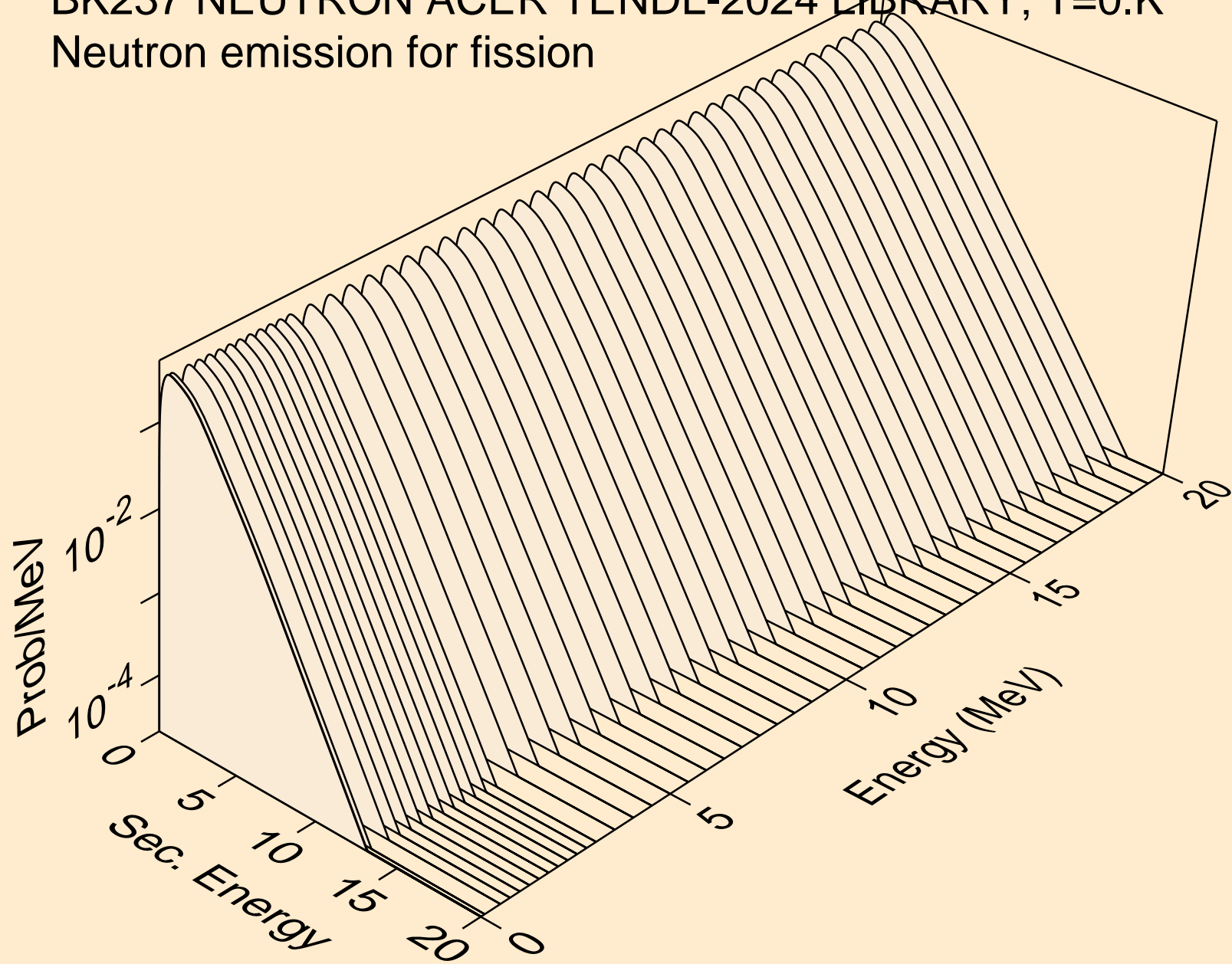




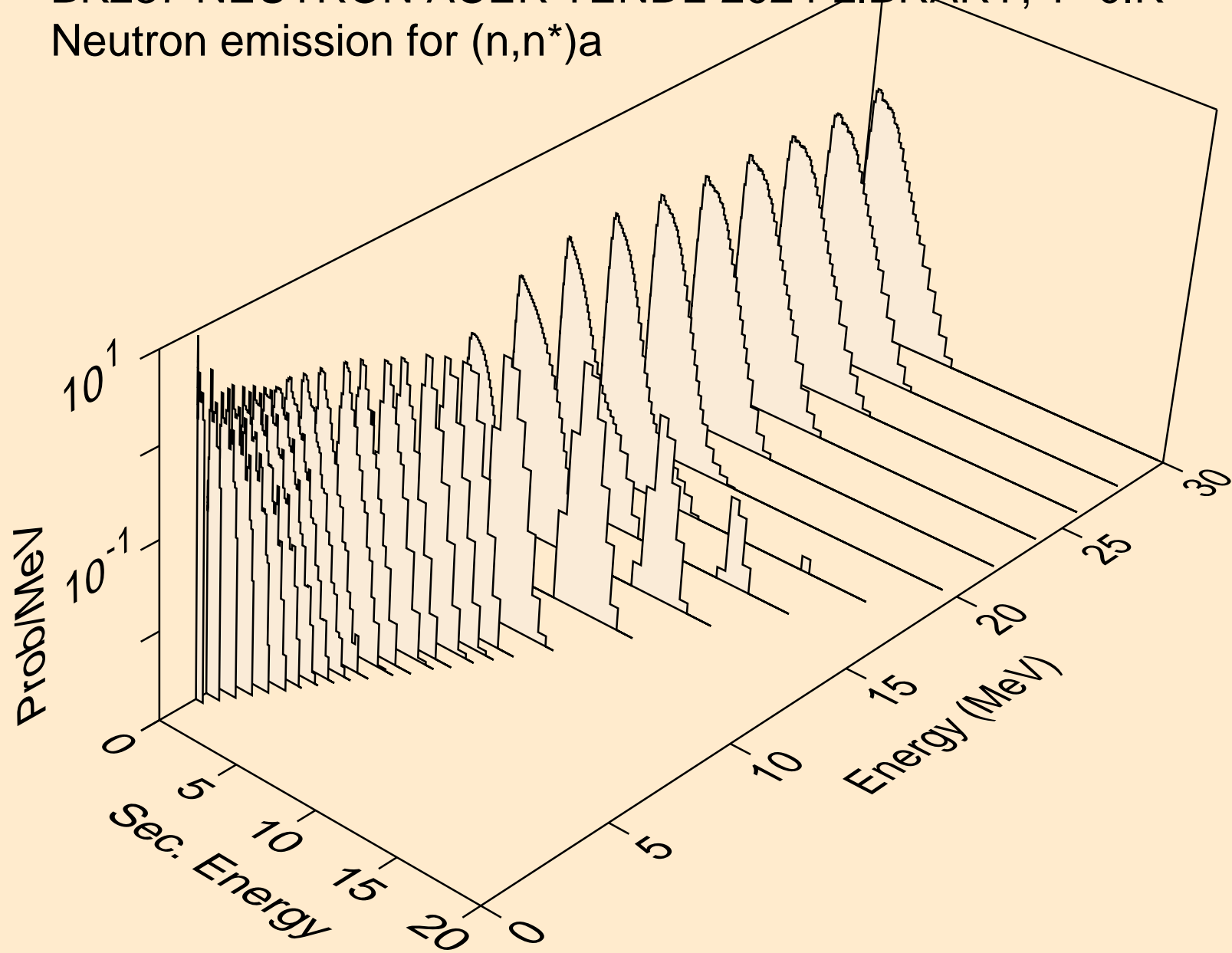
BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



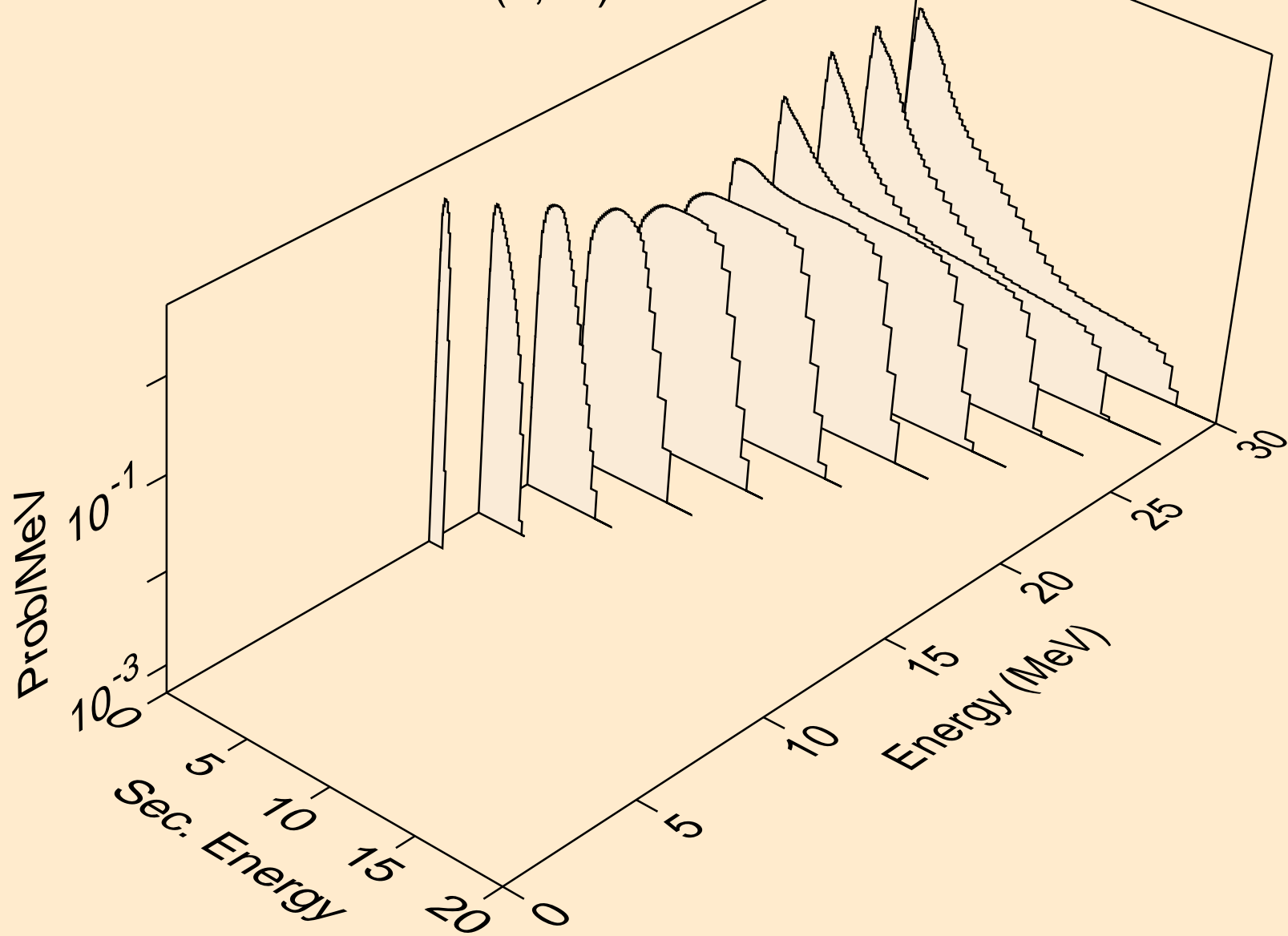
BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for fission



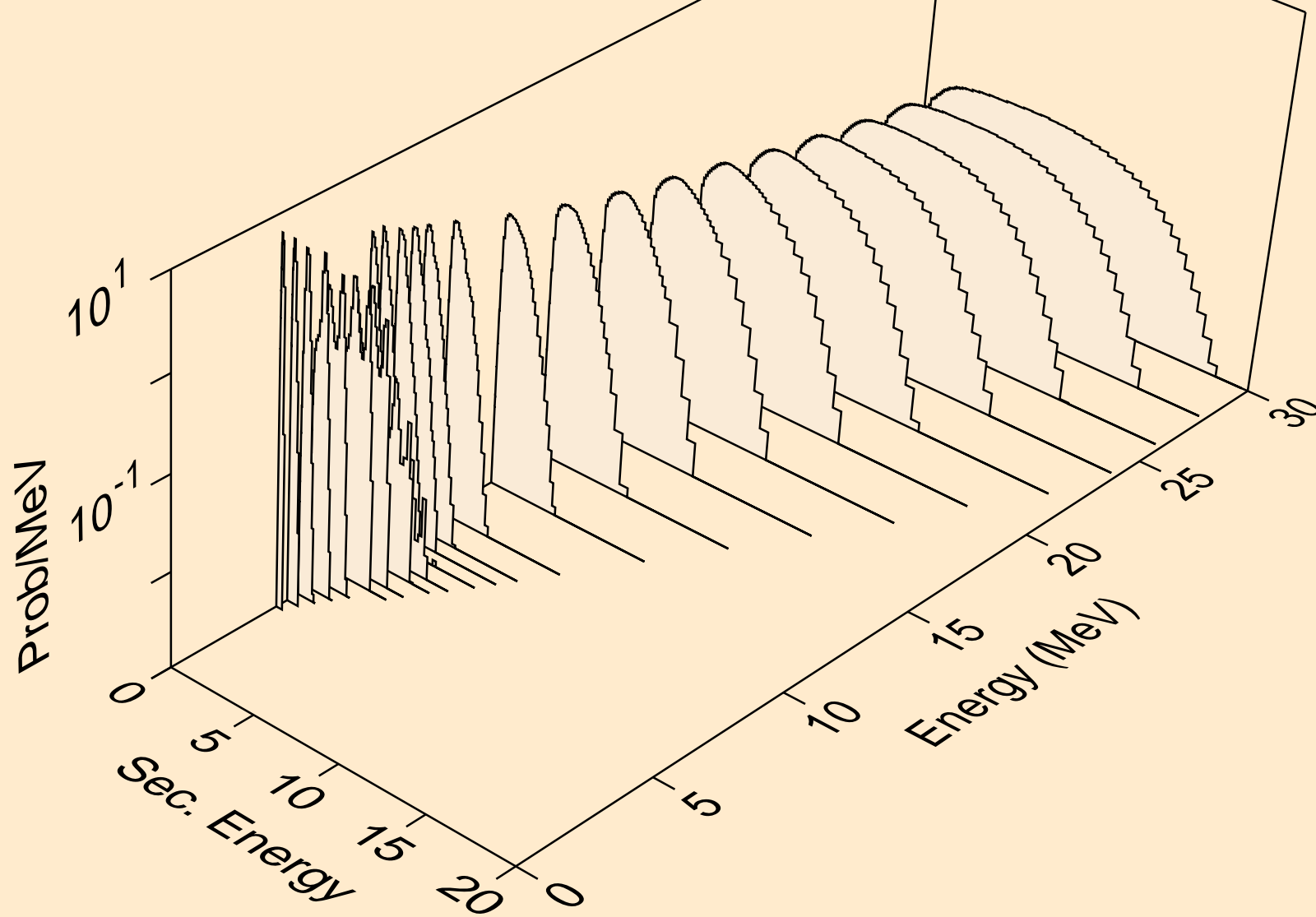
BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



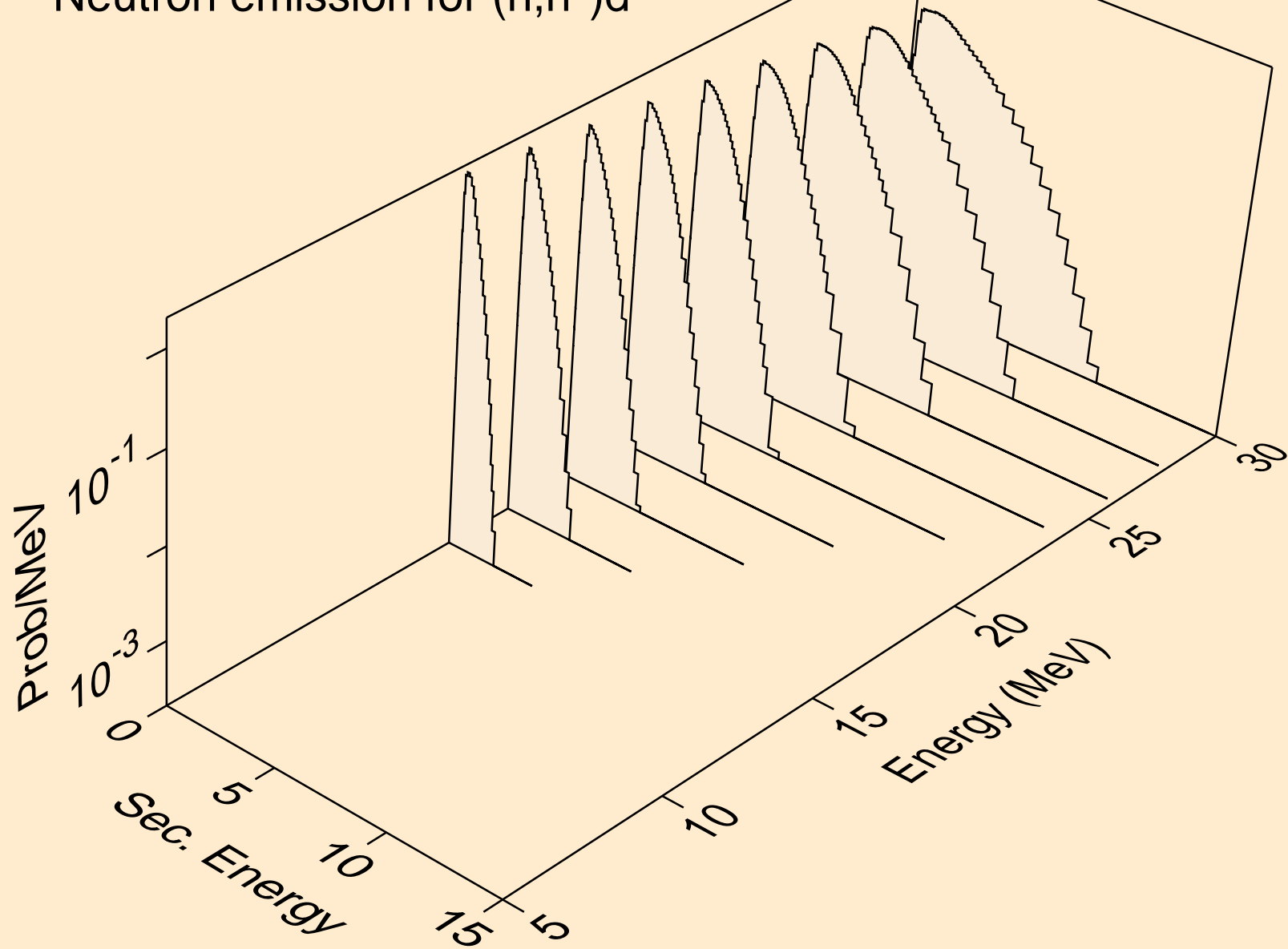
BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



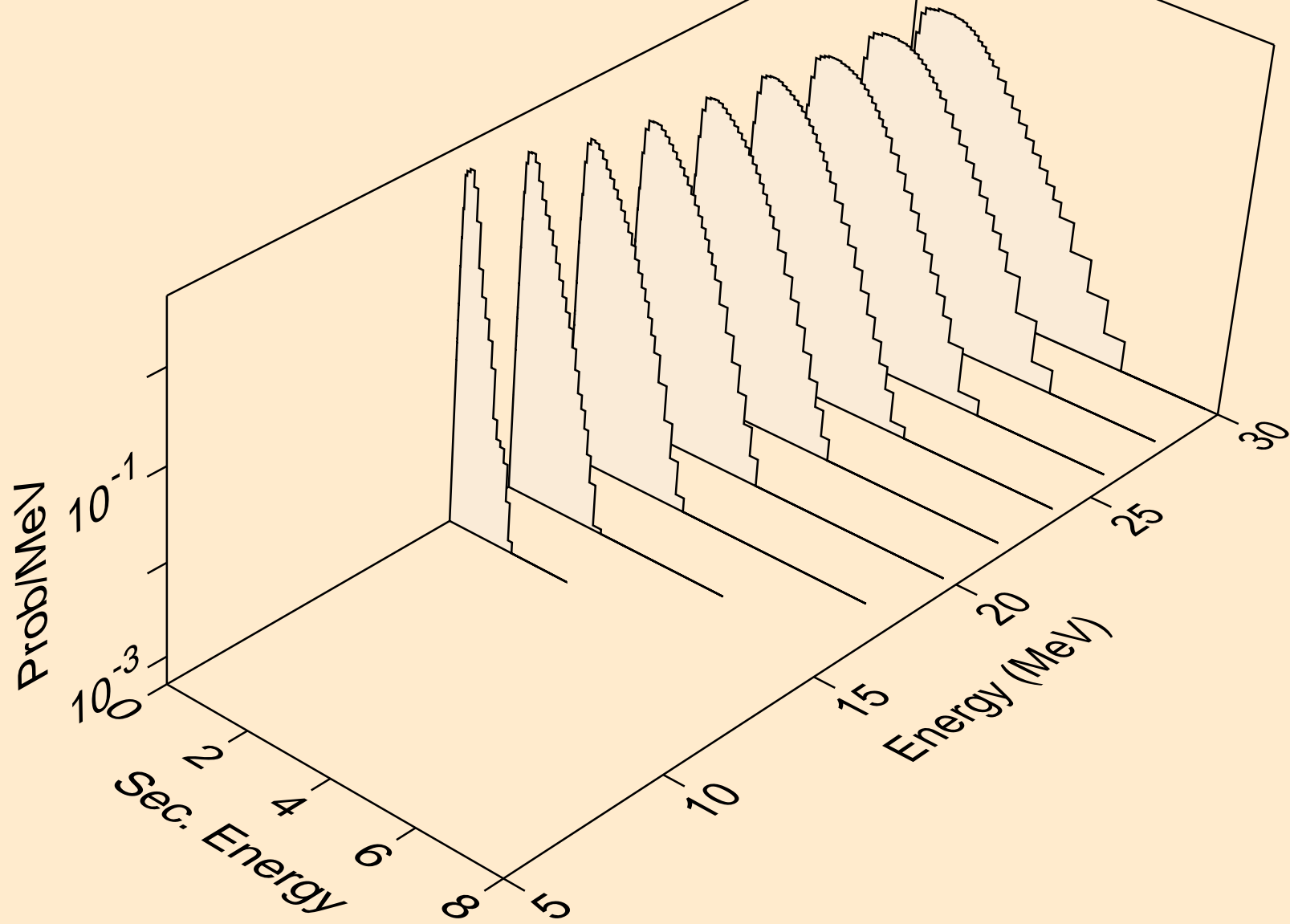
BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



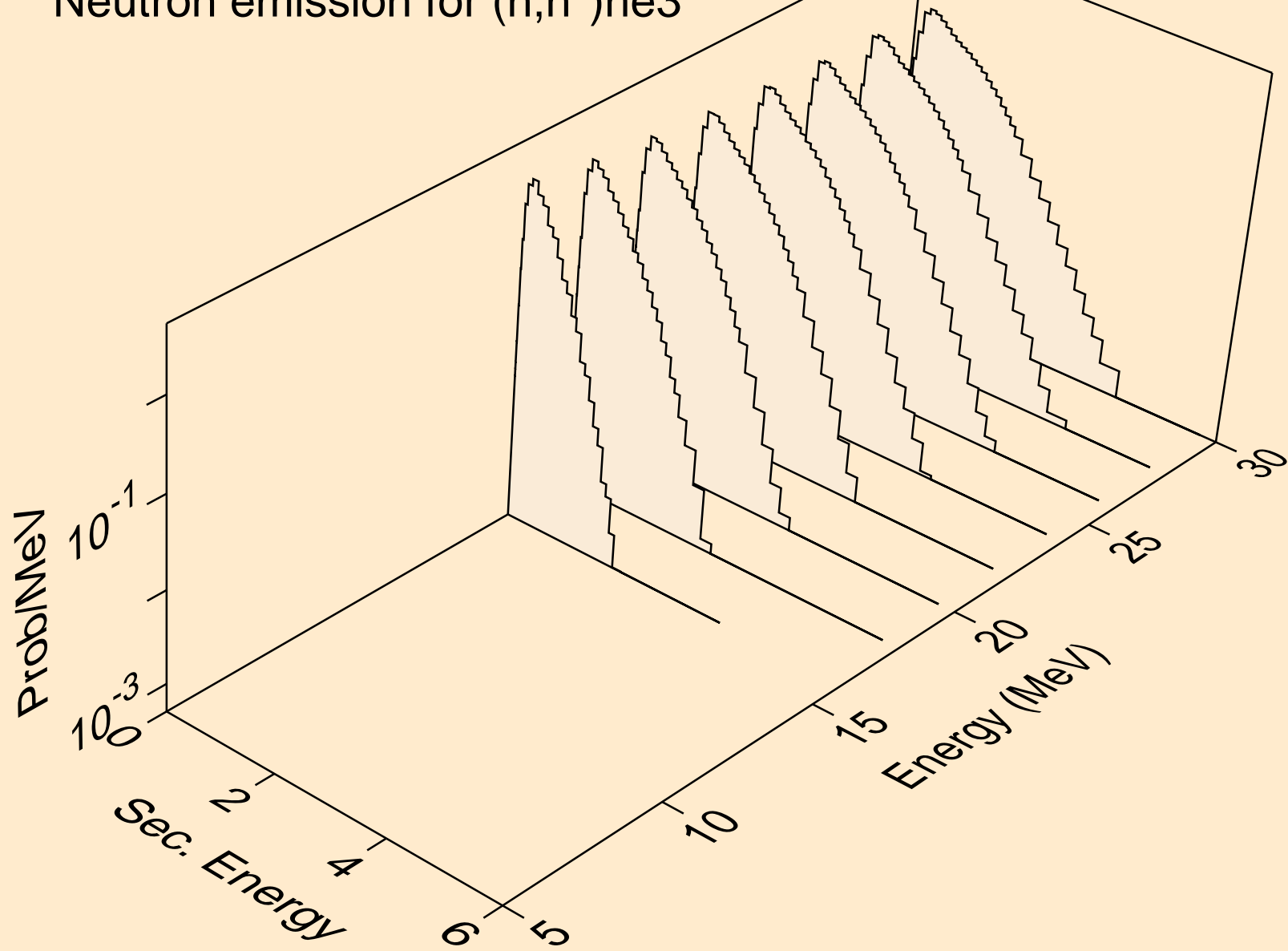
BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t

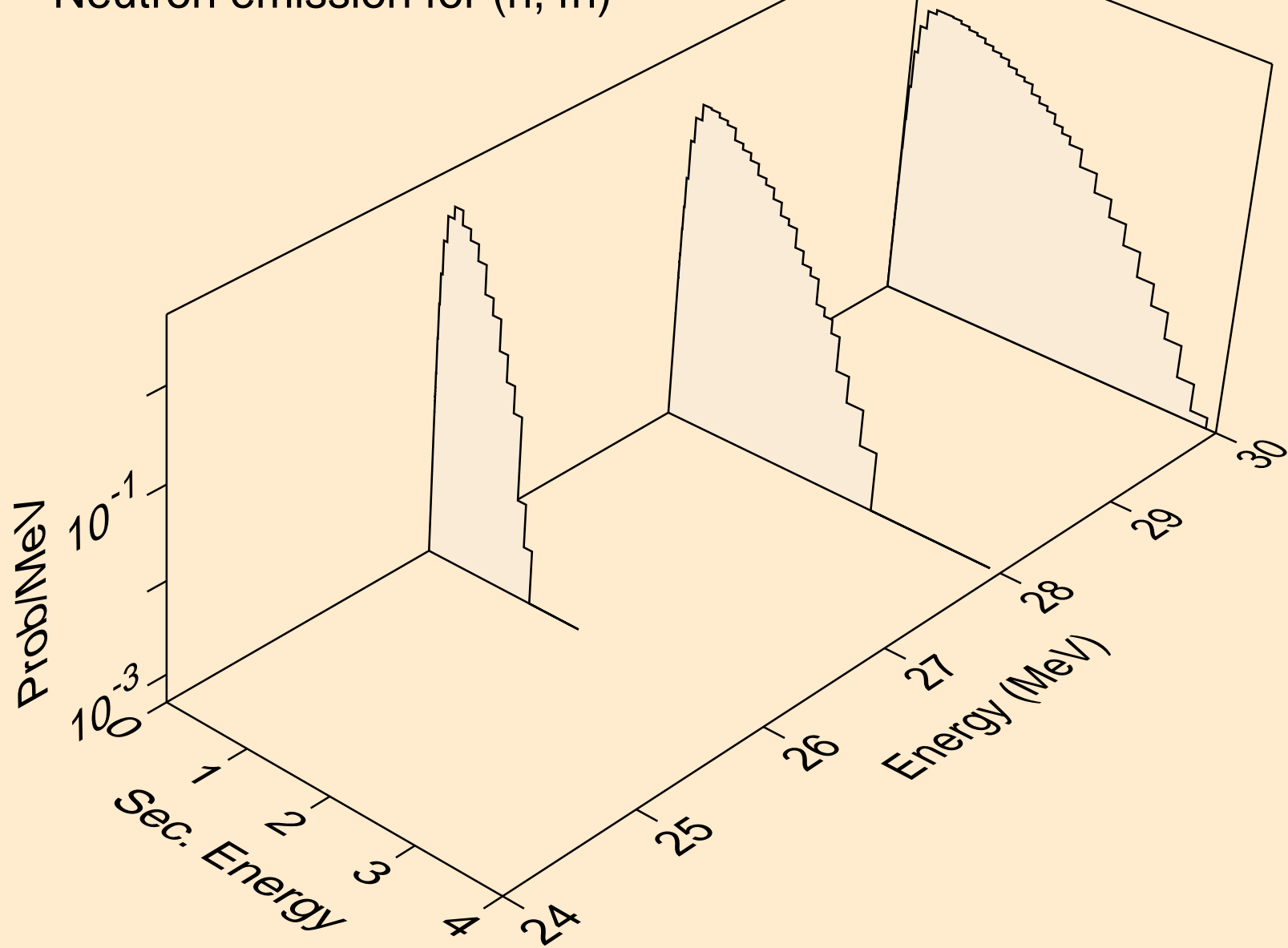


BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3

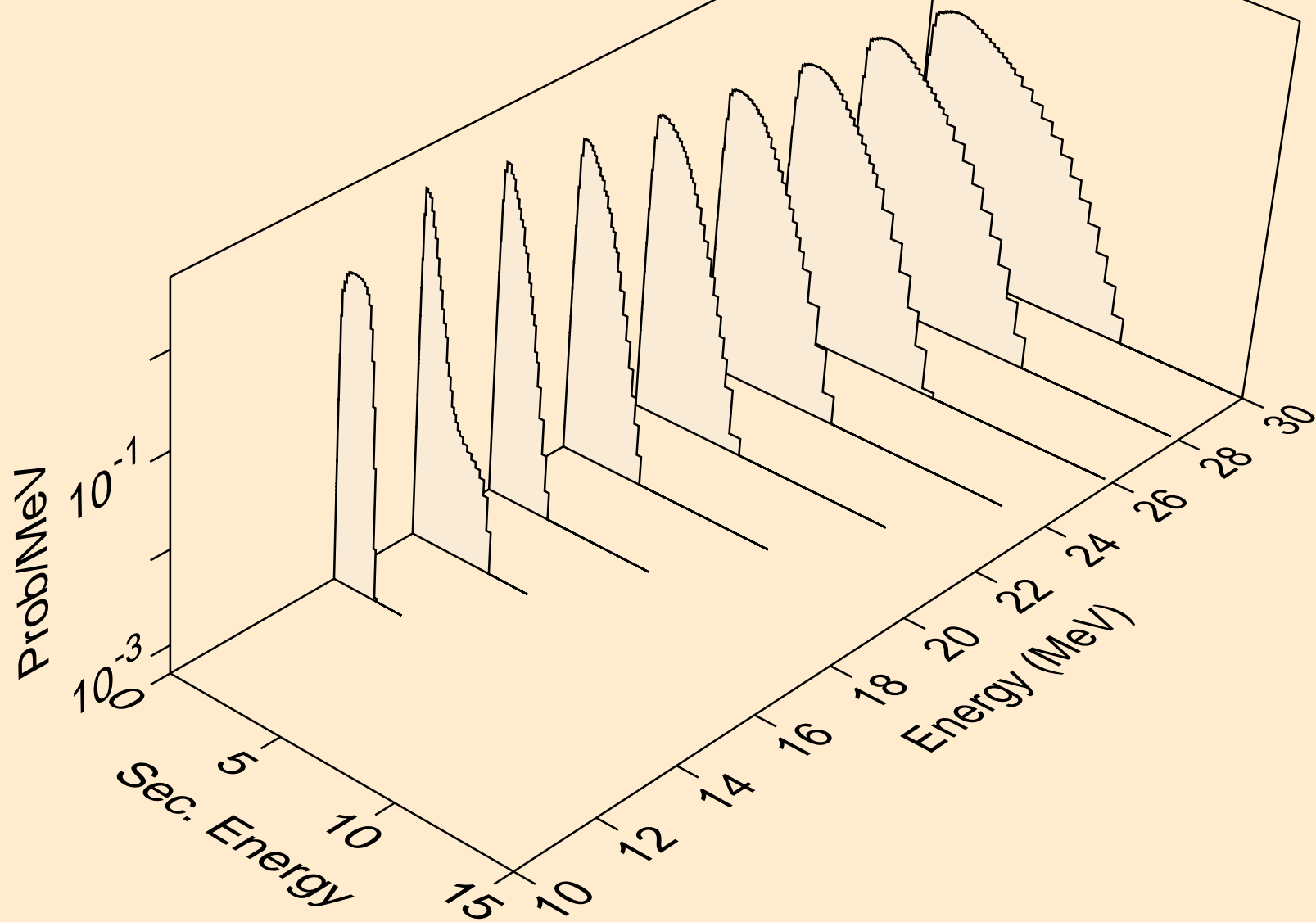




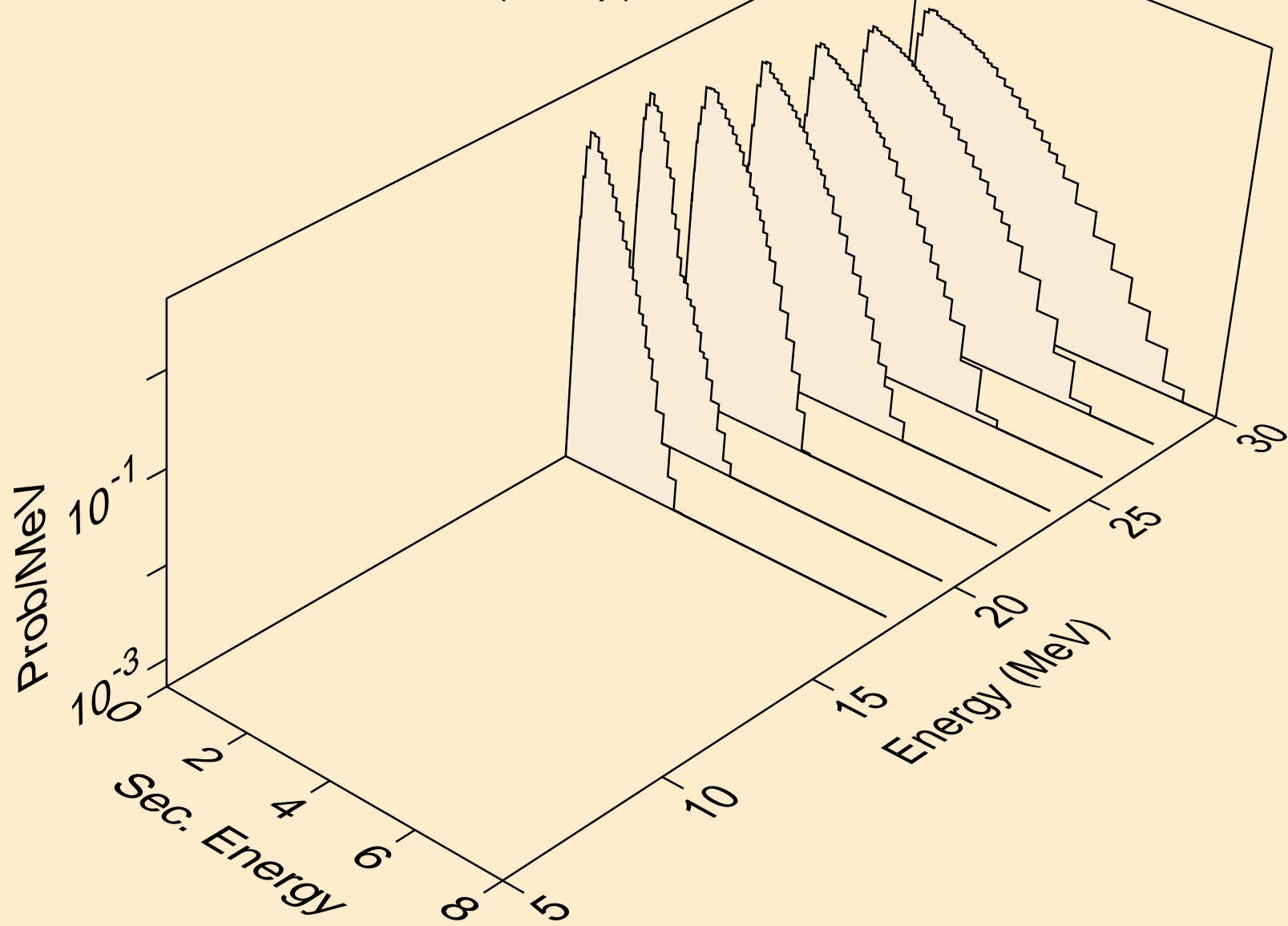
BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



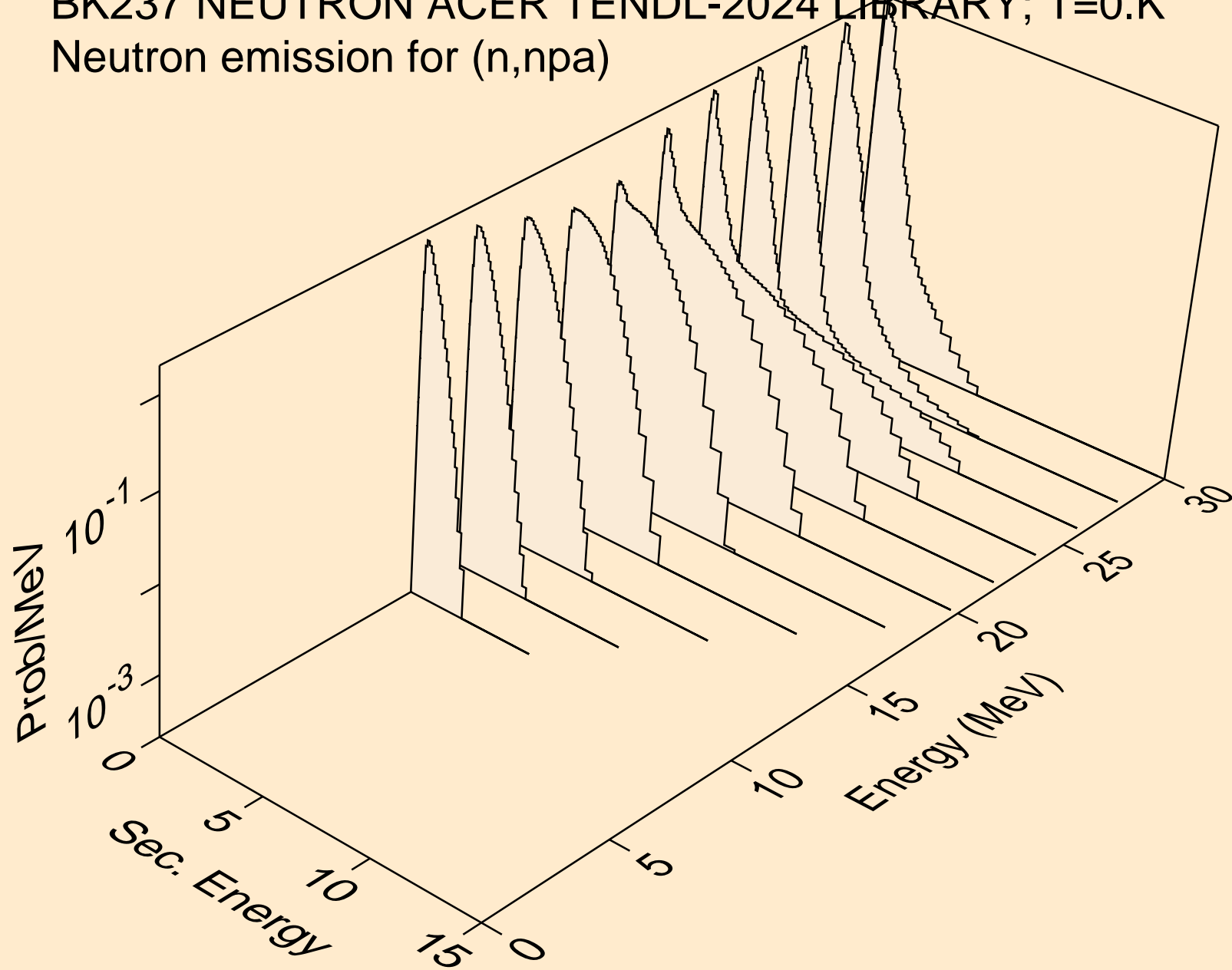
BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



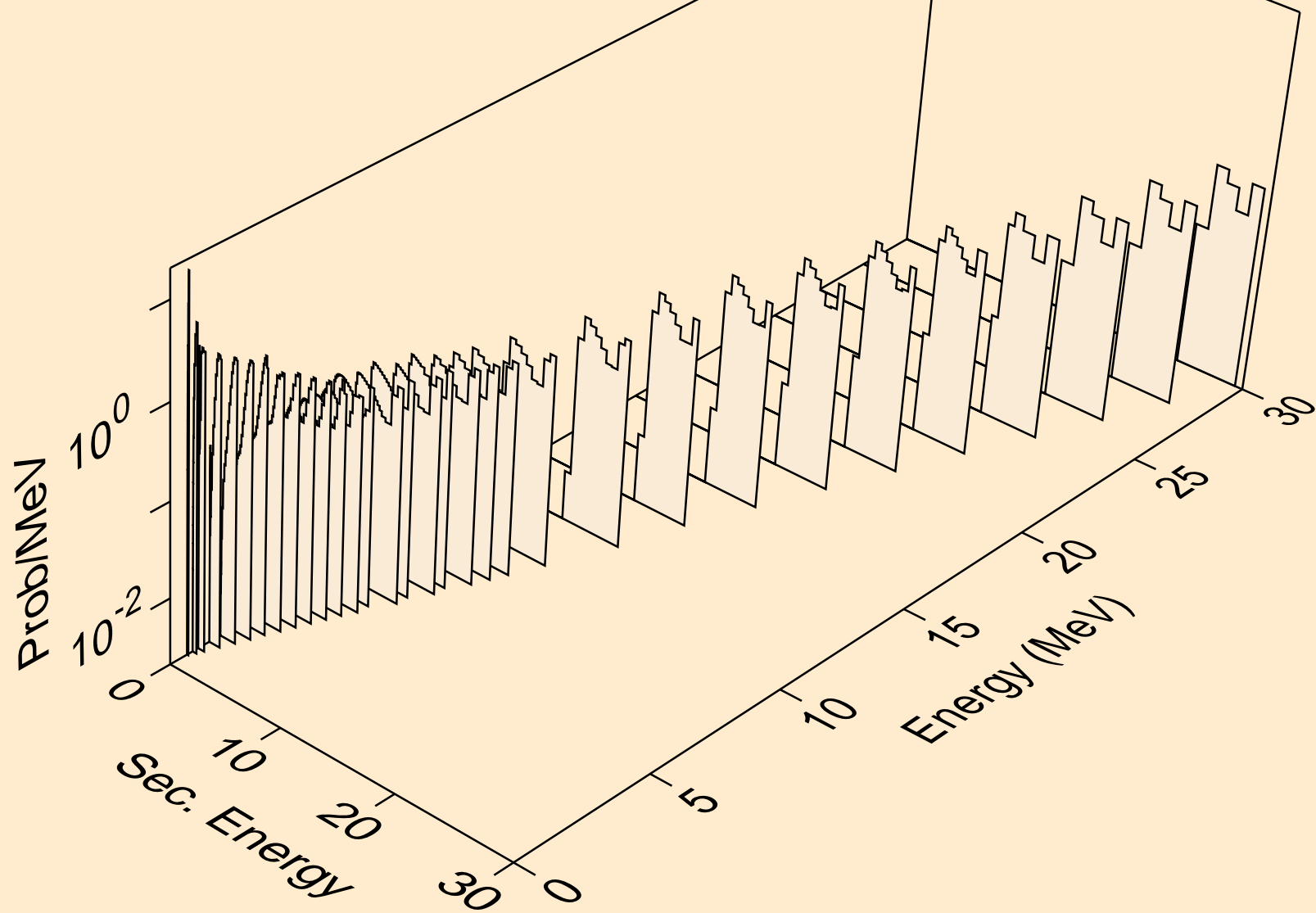
BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)

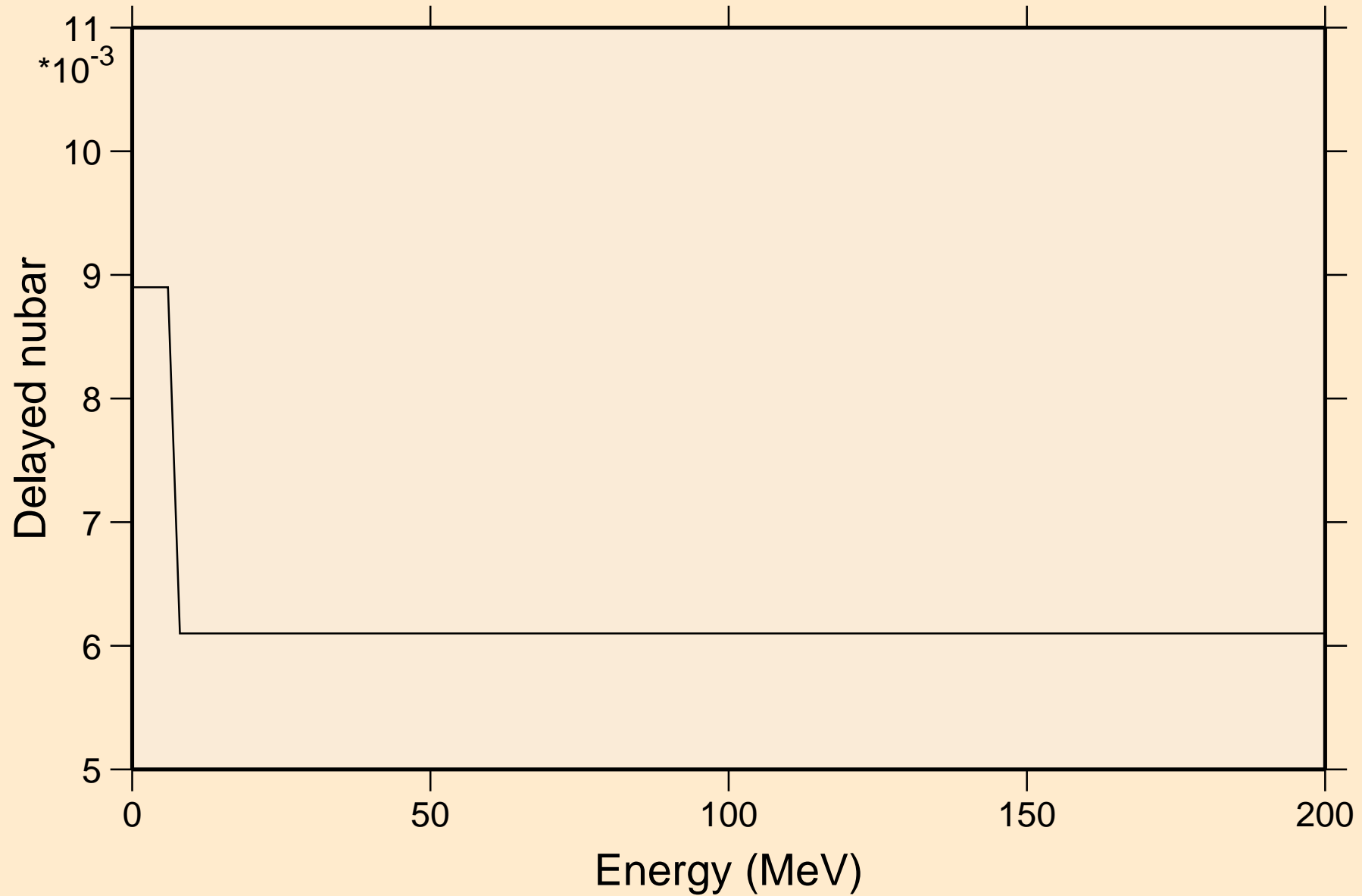


BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



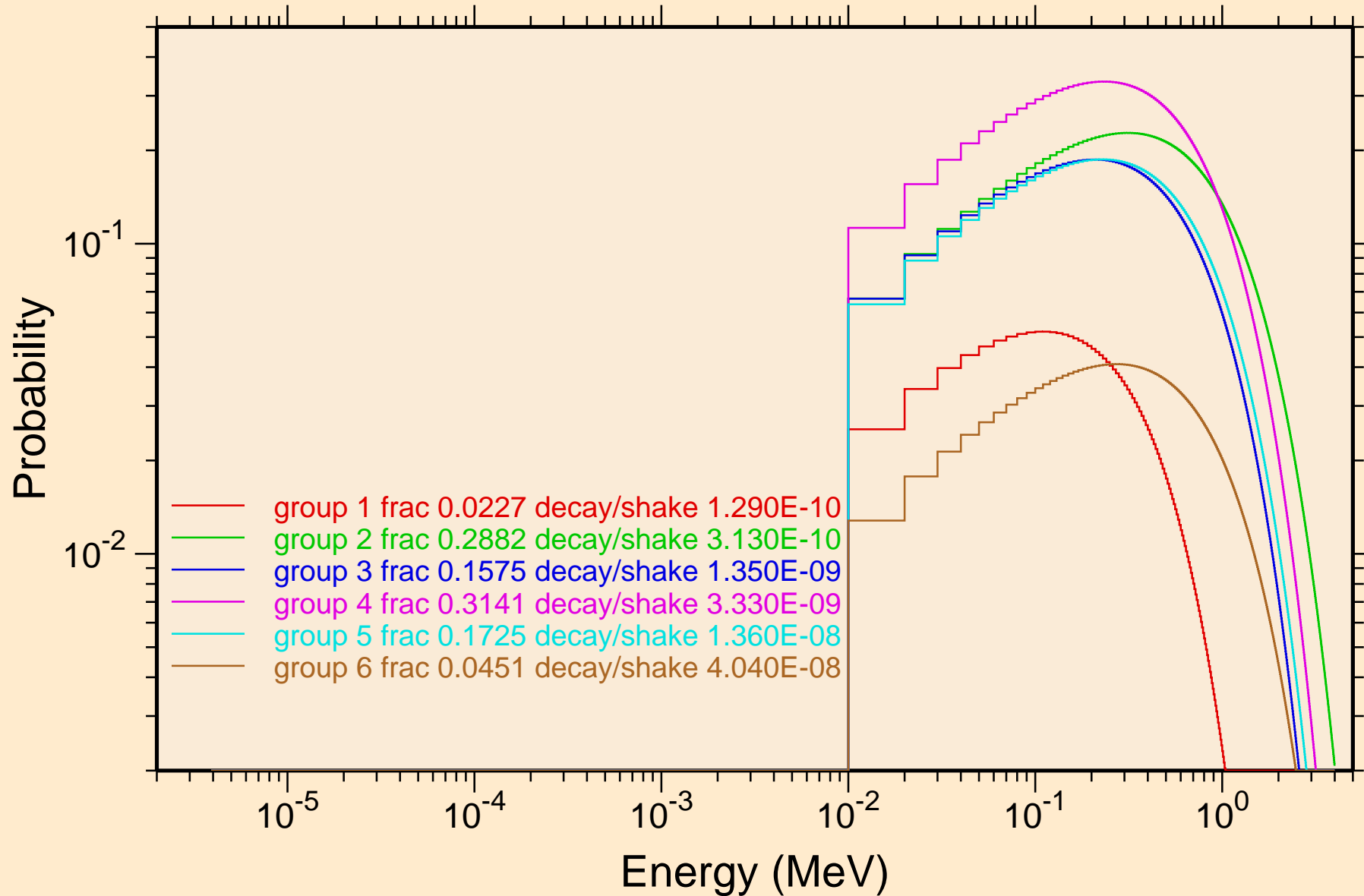
# BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Delayed nubar

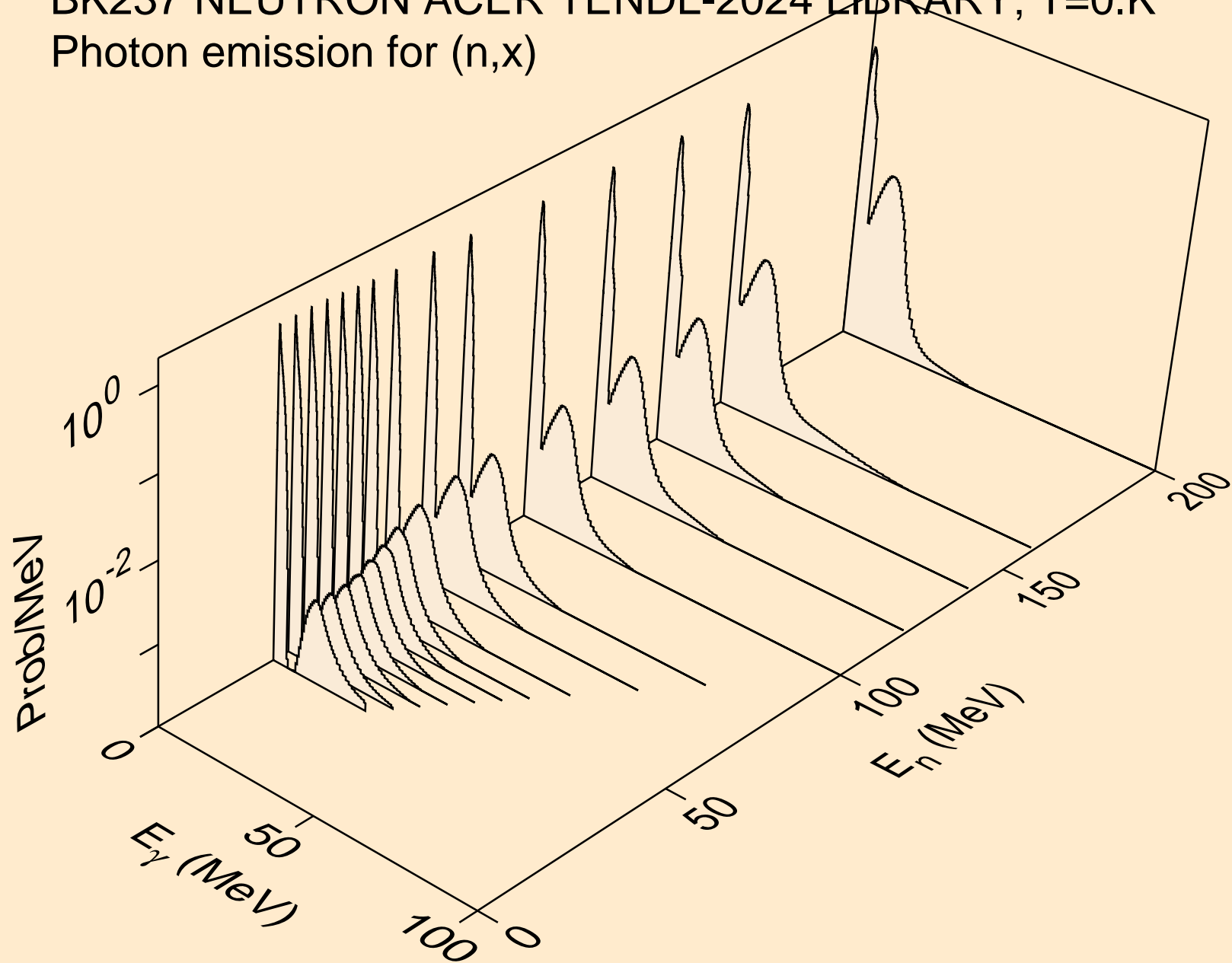


# BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Delayed neutron spectra

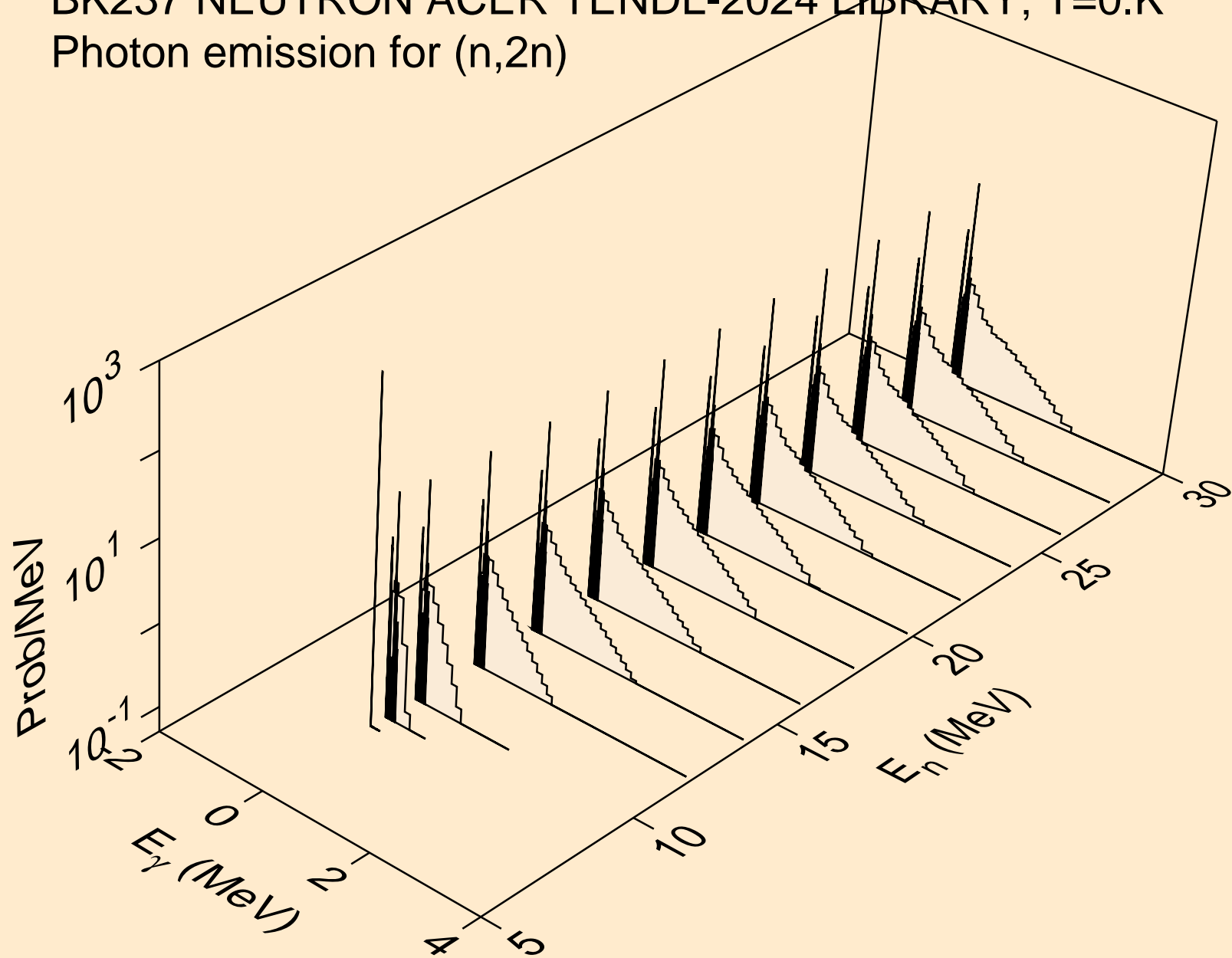


BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)

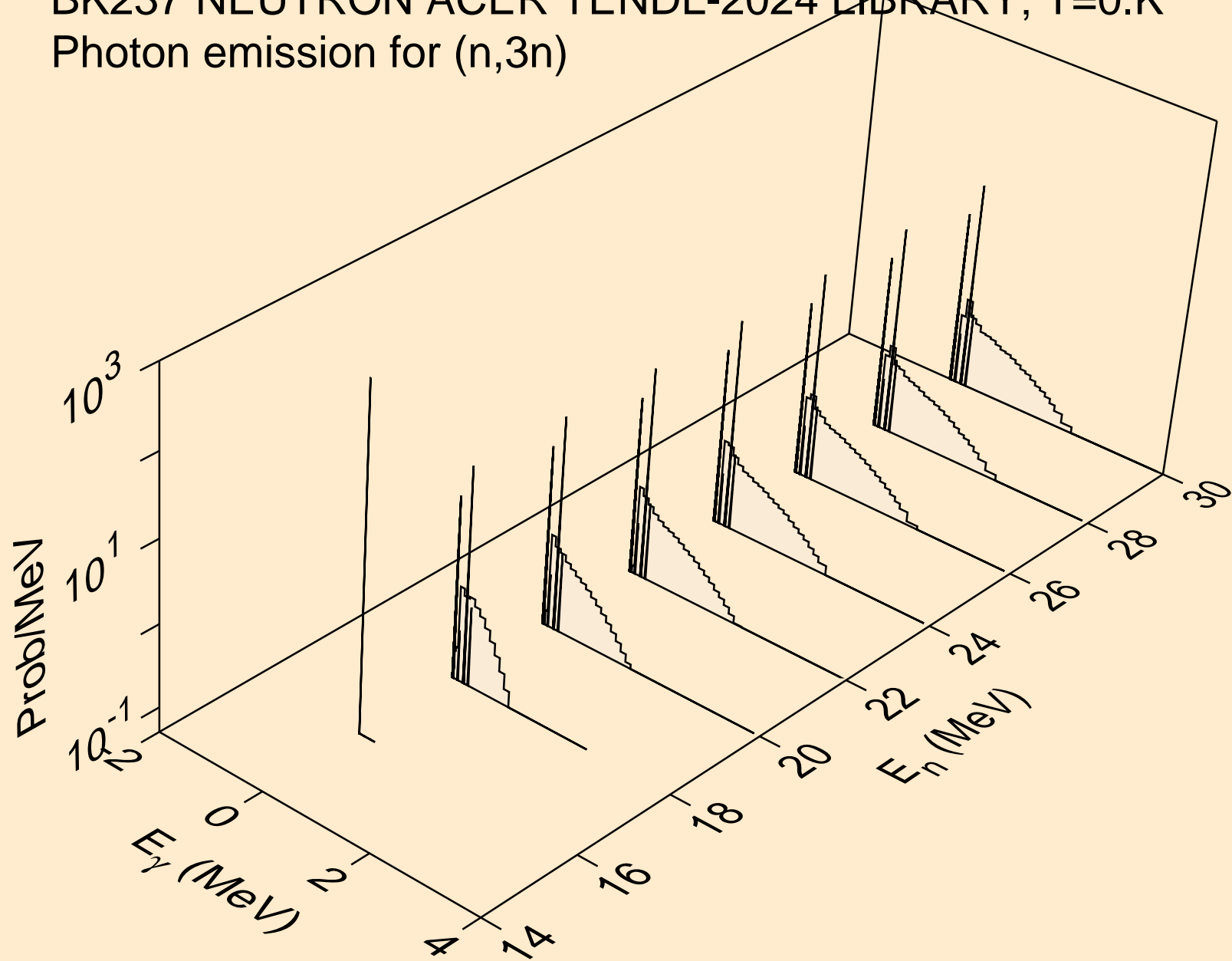




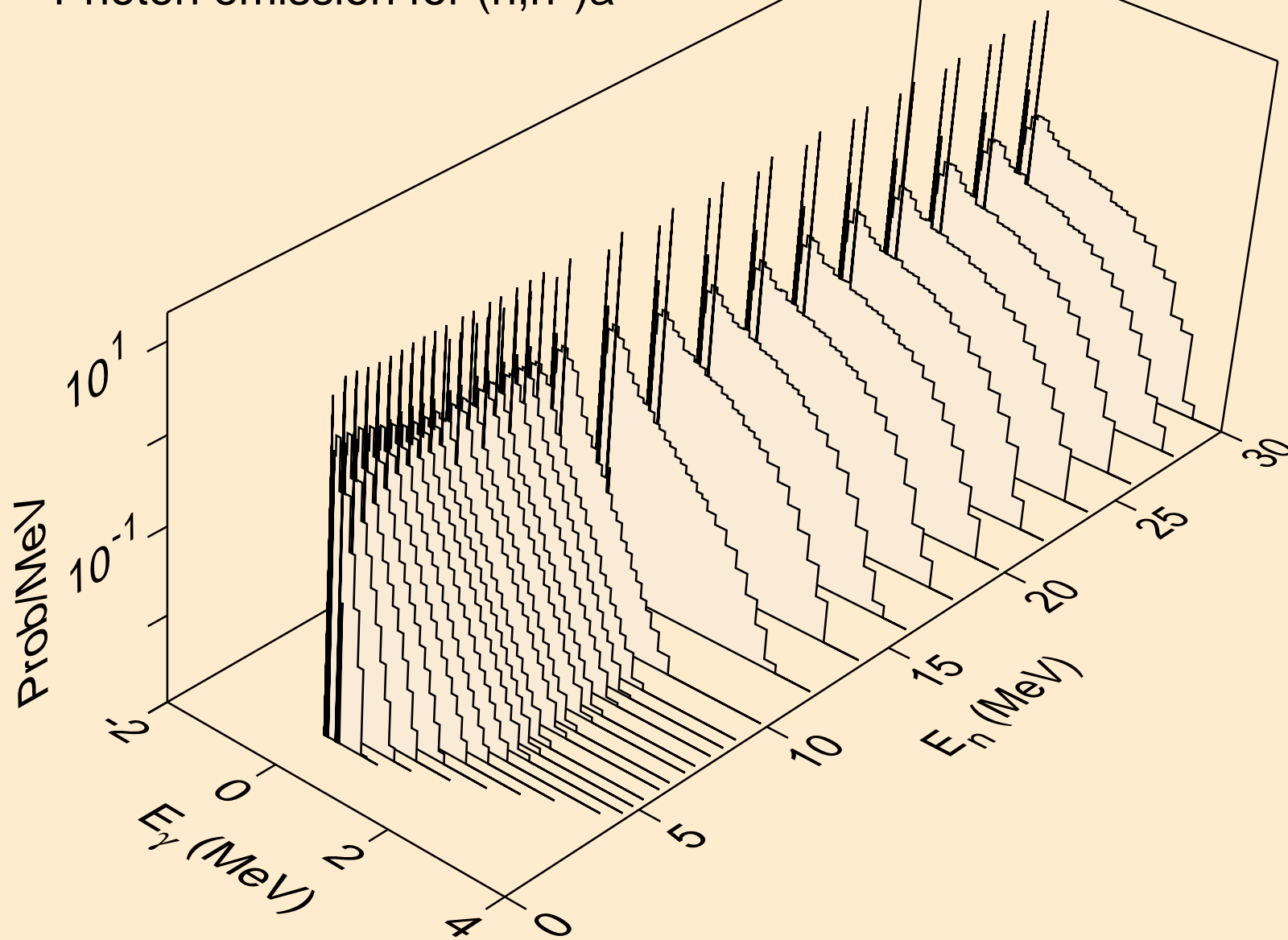
BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



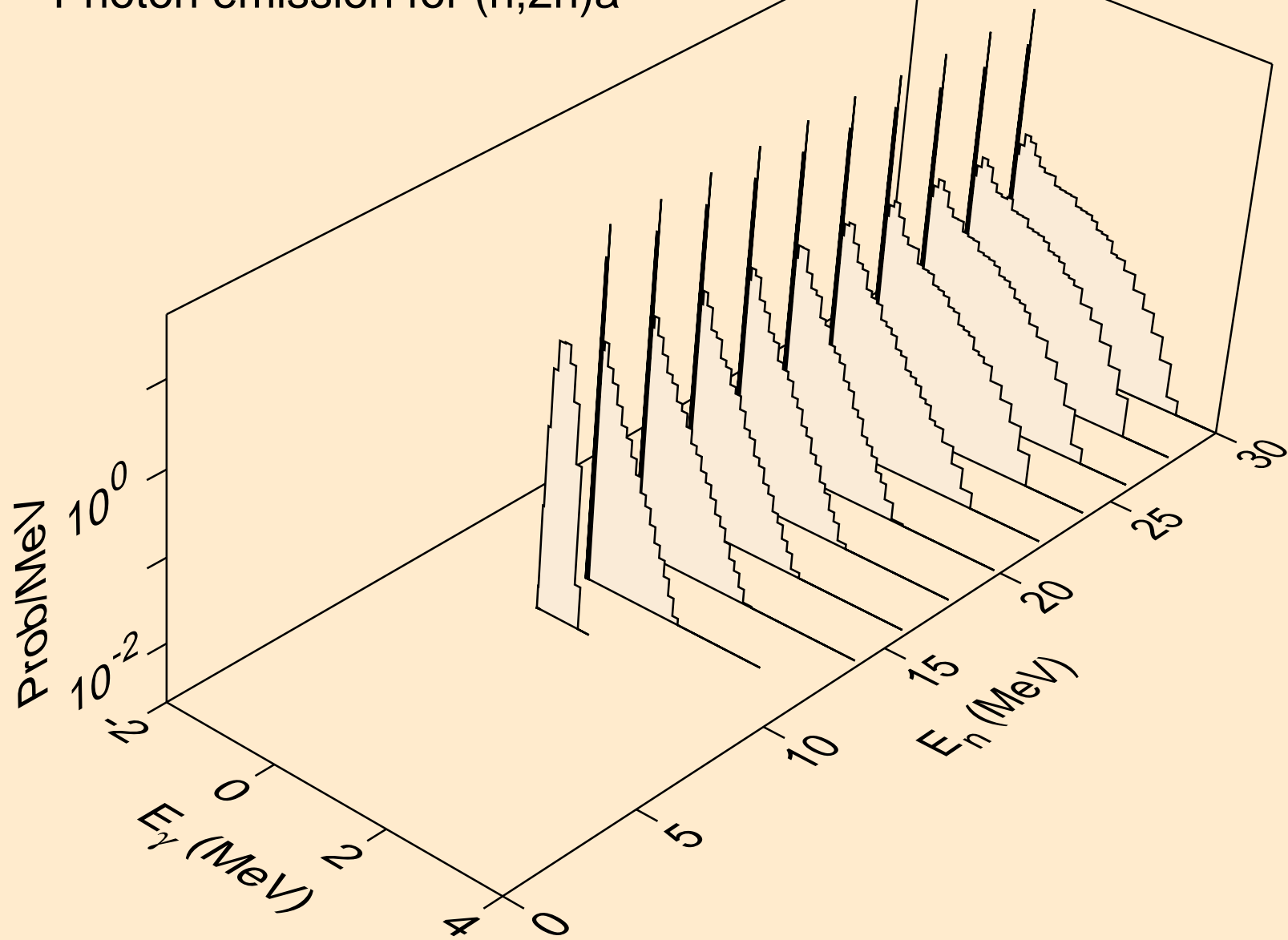
BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



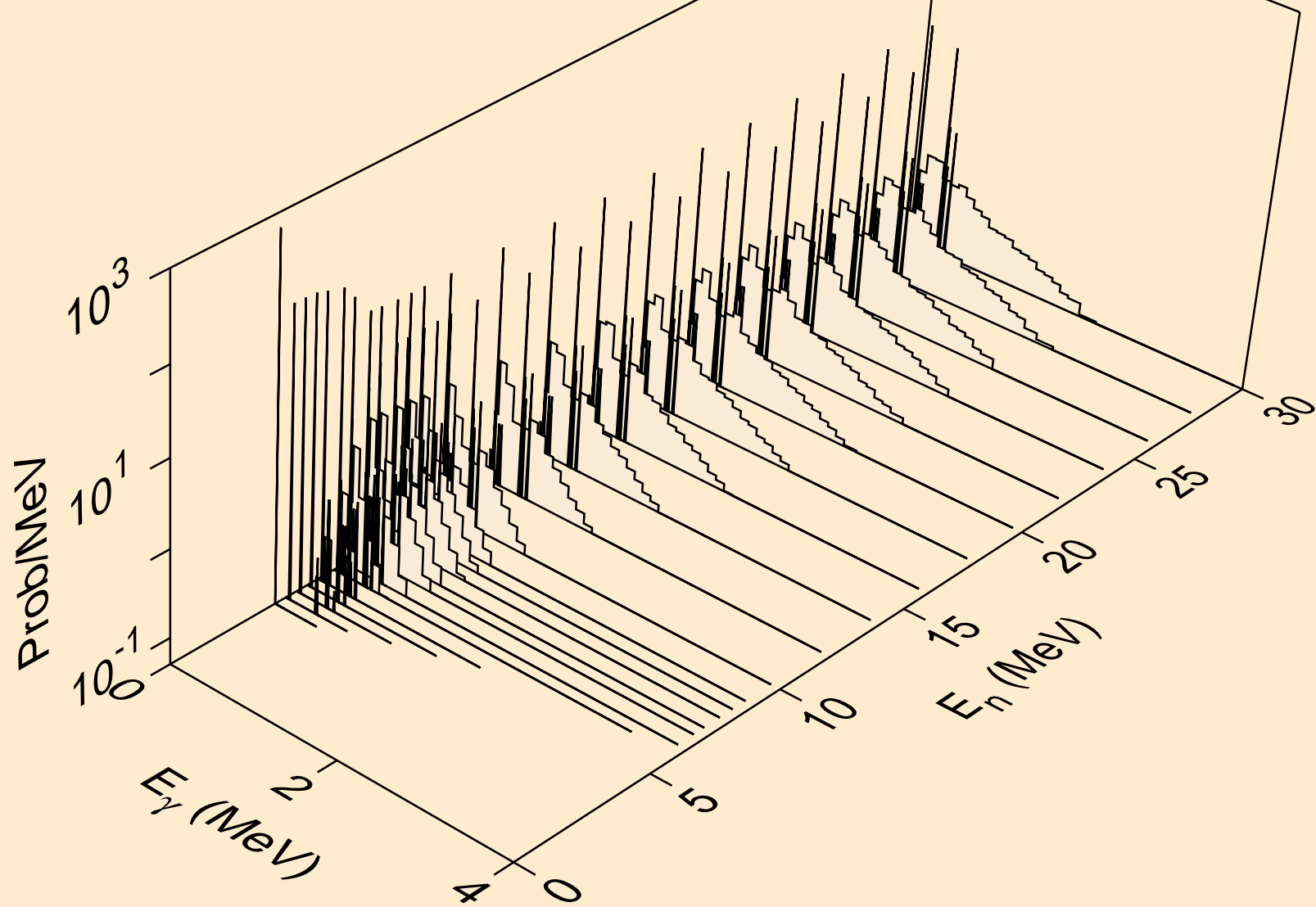
BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



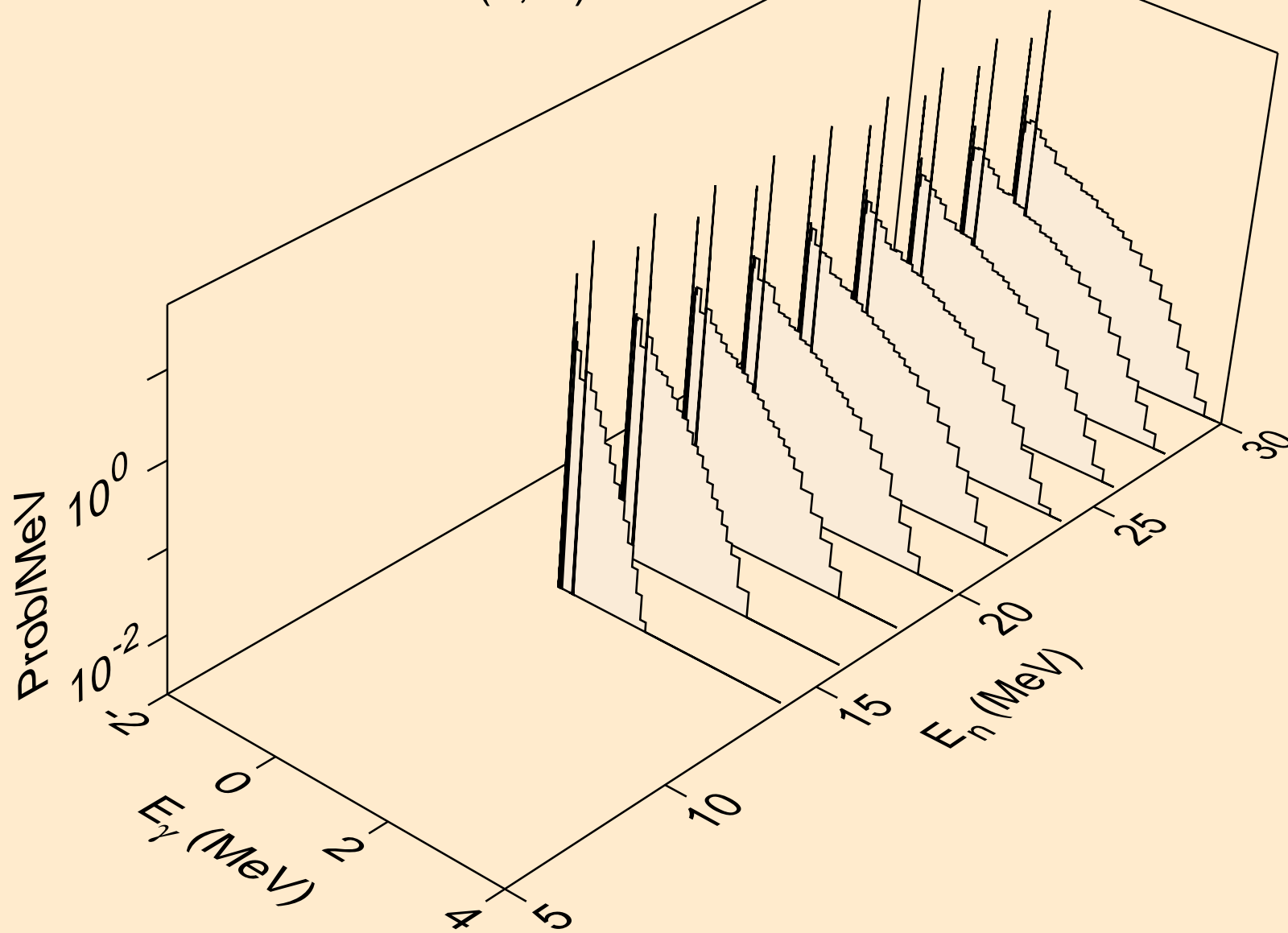
BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



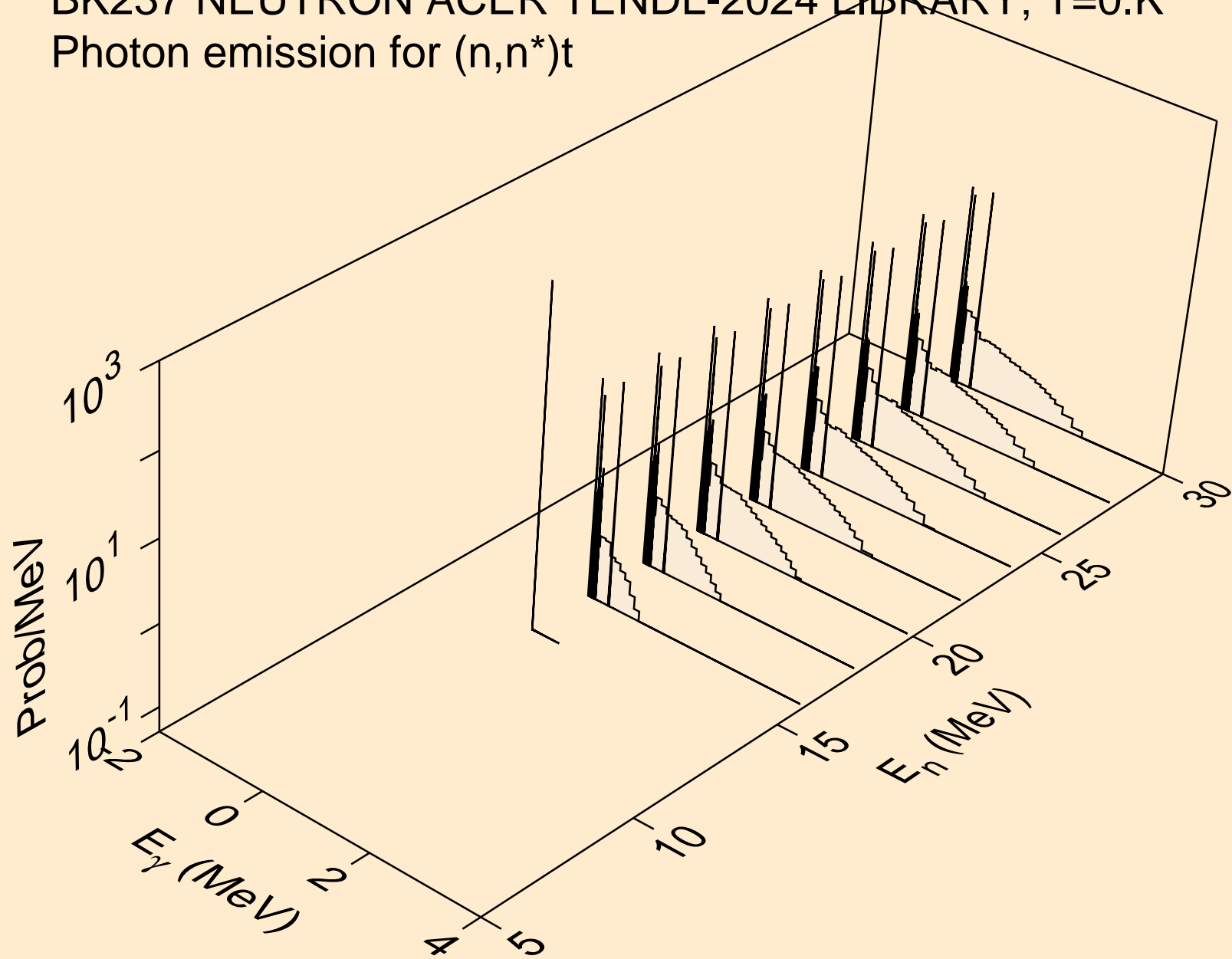
BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



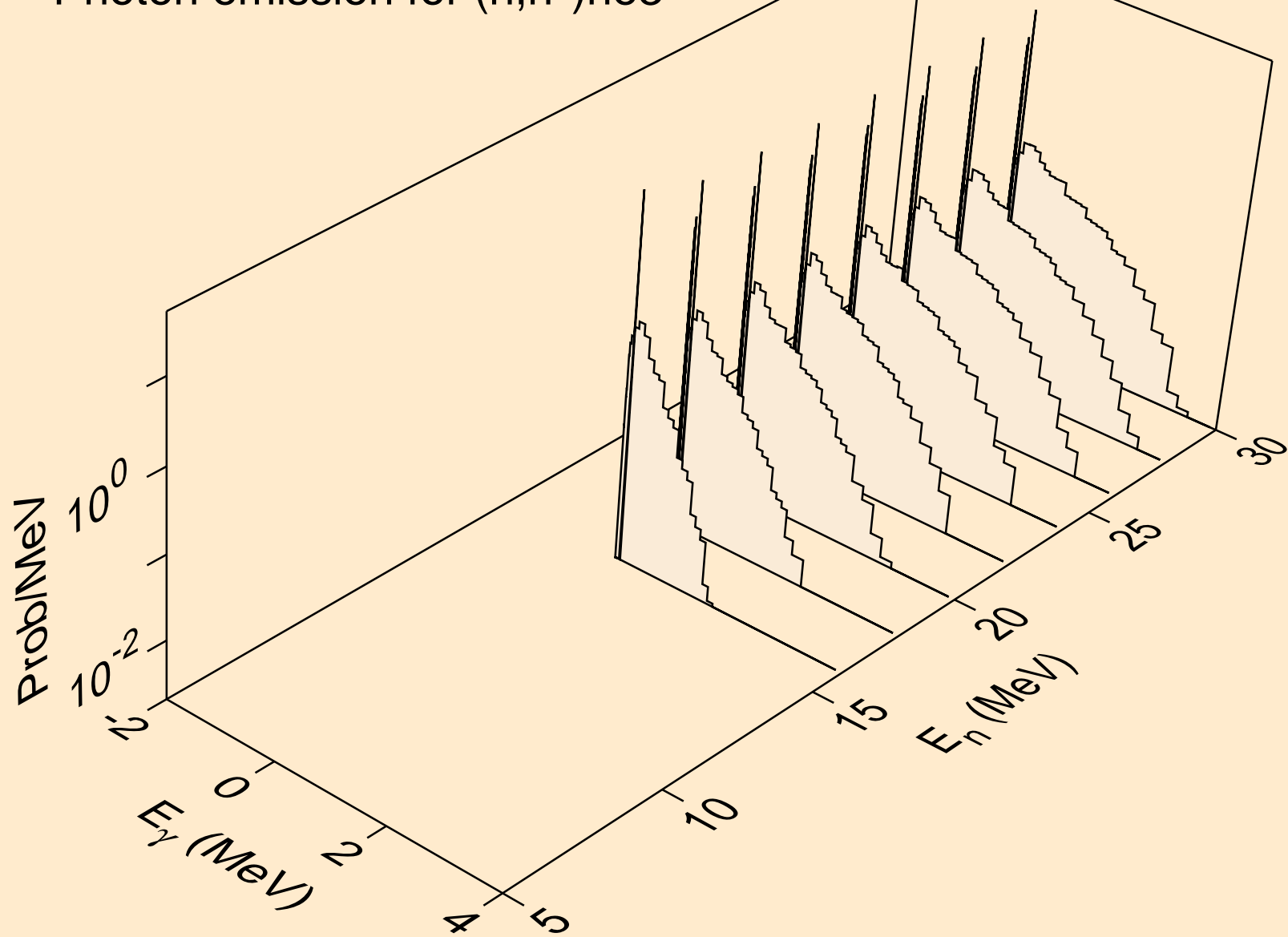
BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

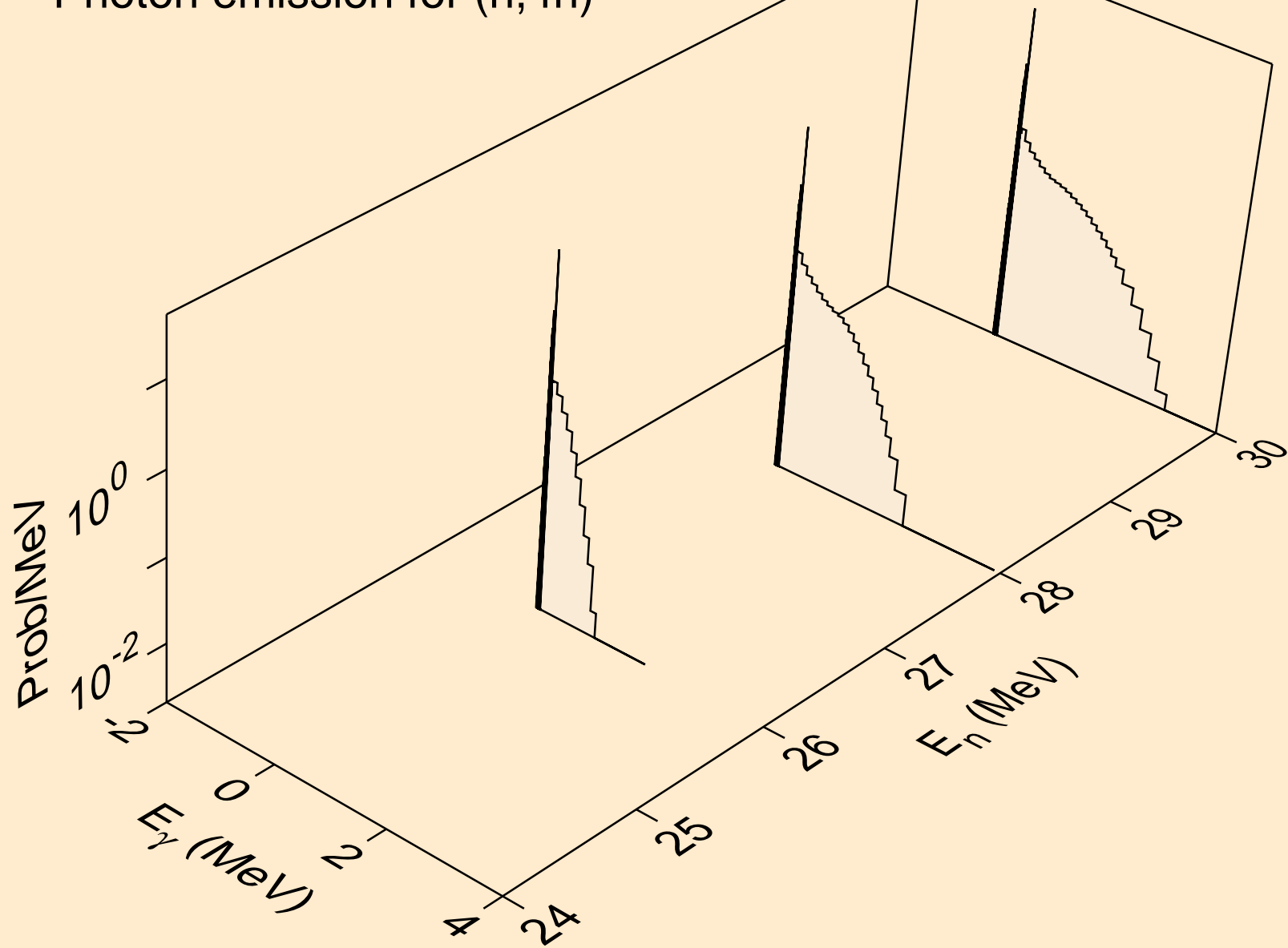


BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

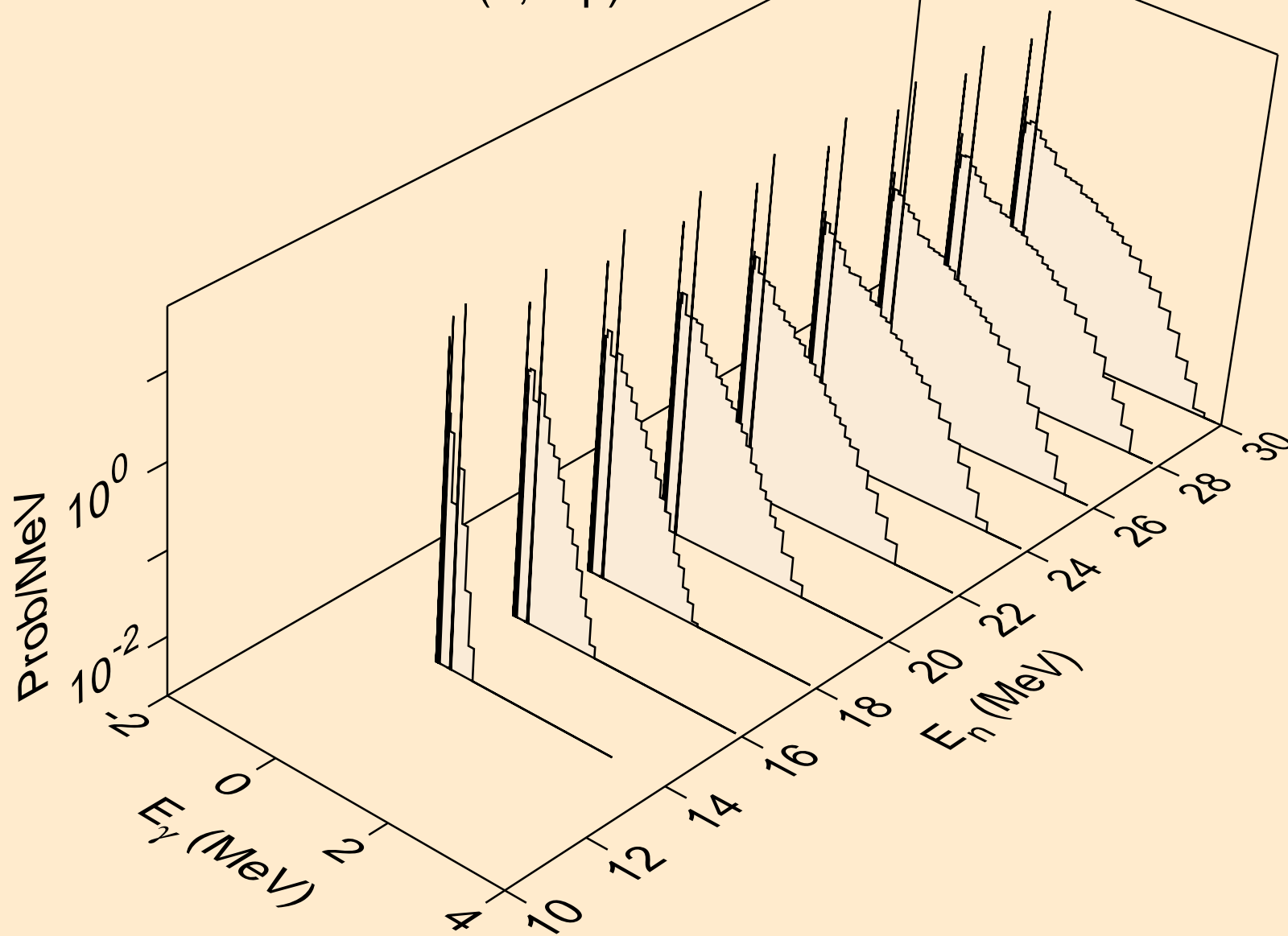




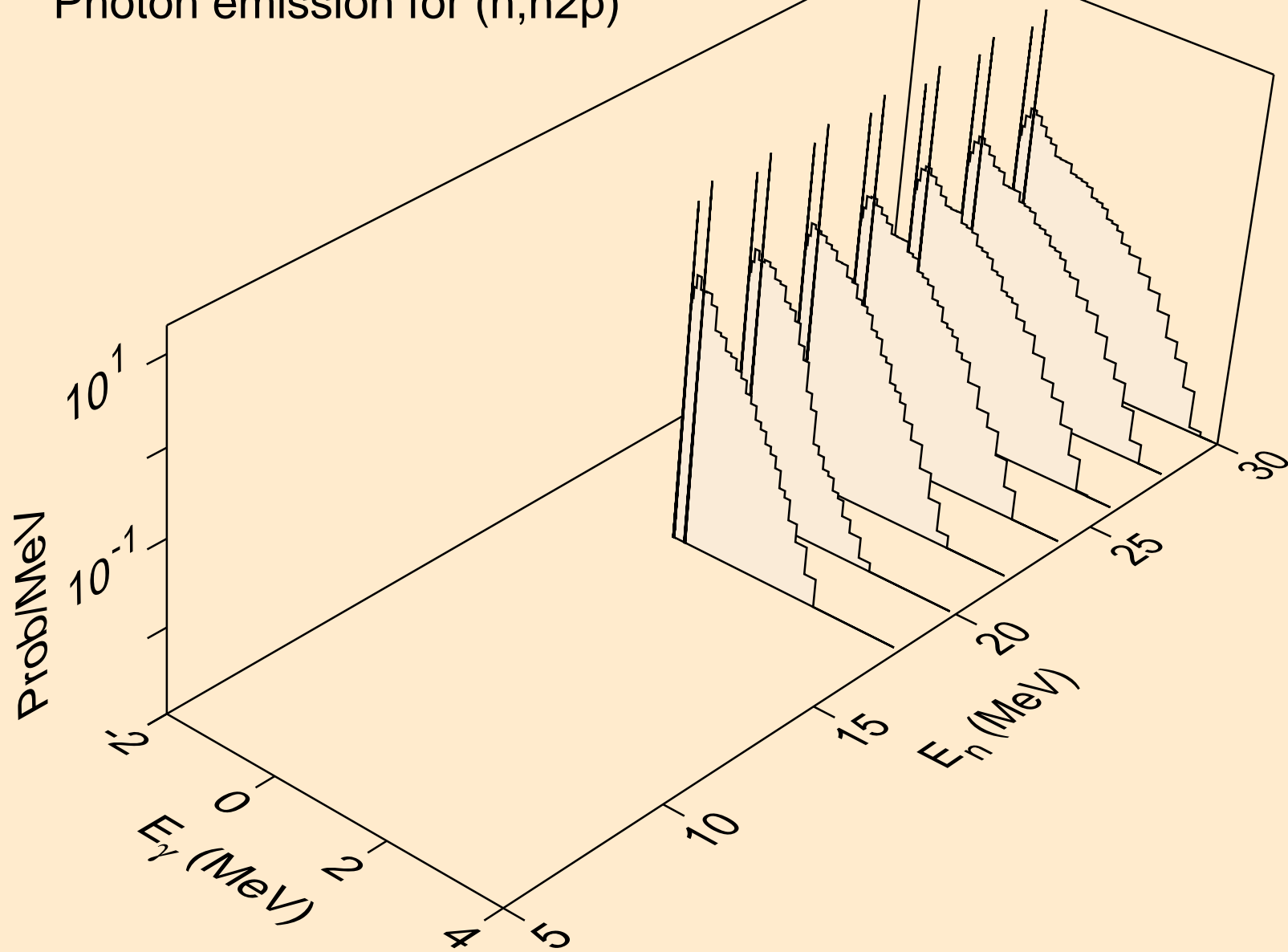
BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



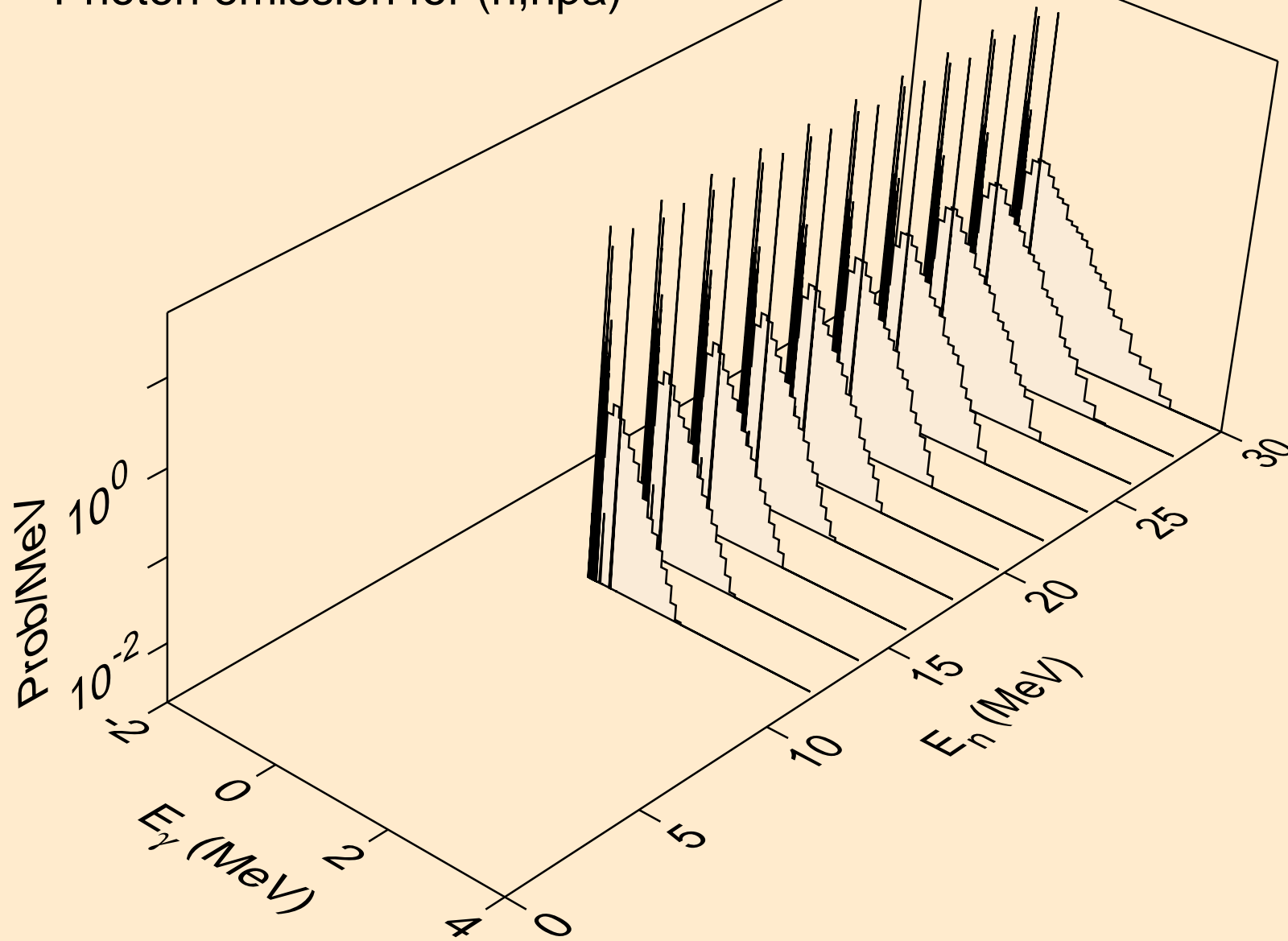
BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



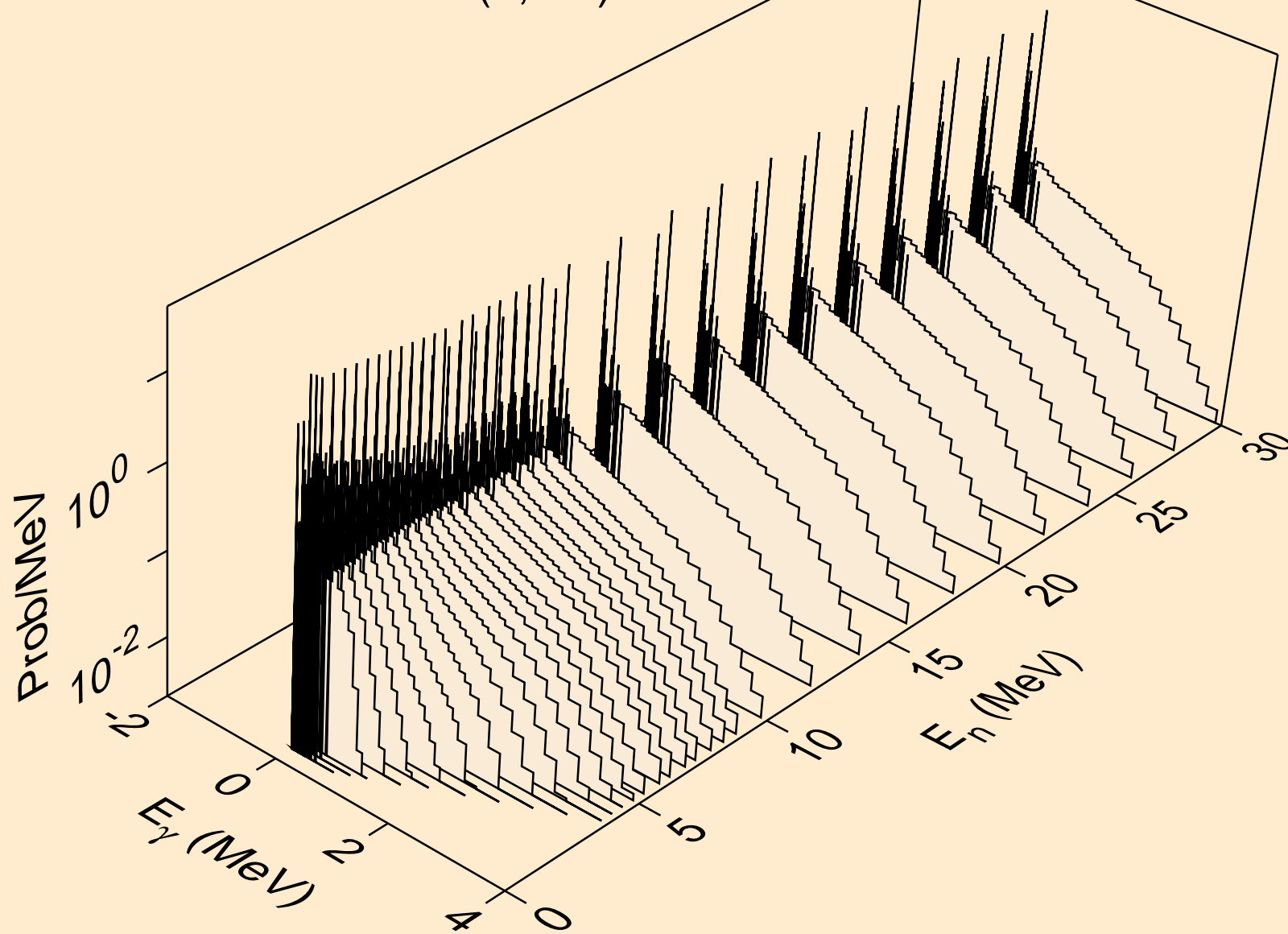
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Photon emission for (n,n2p)



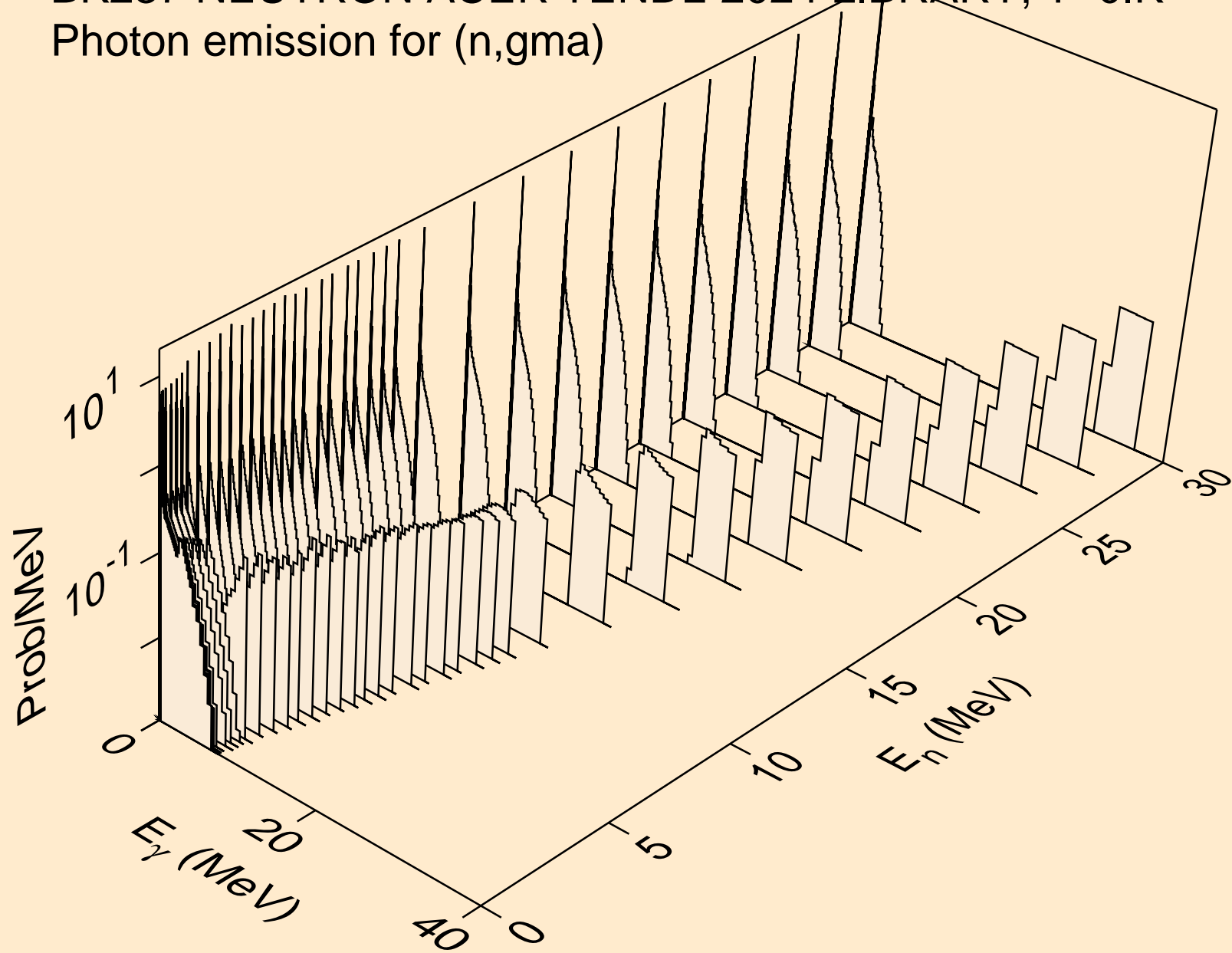
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Photon emission for (n,npa)



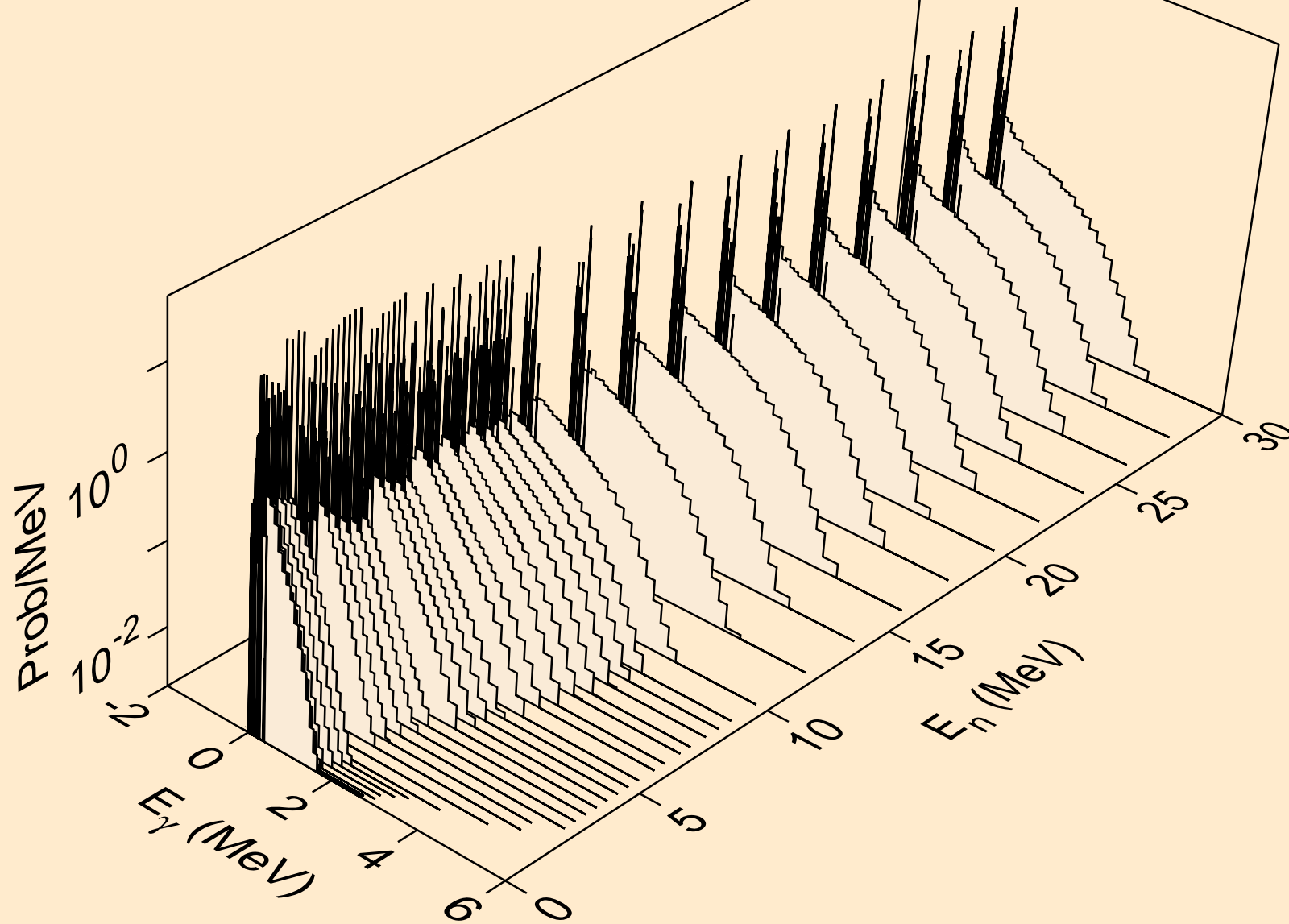
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Photon emission for (n,n\*c)



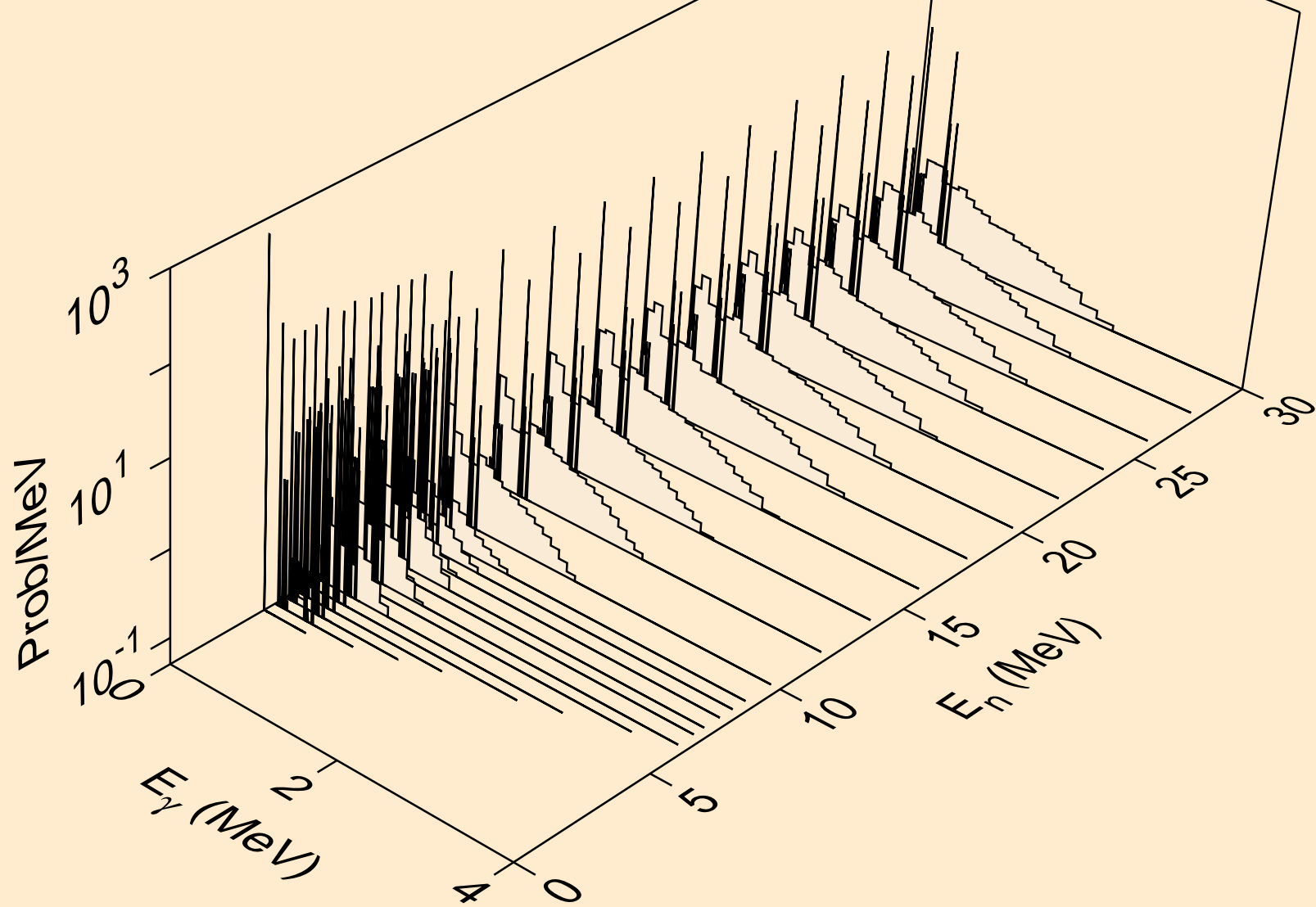
BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)

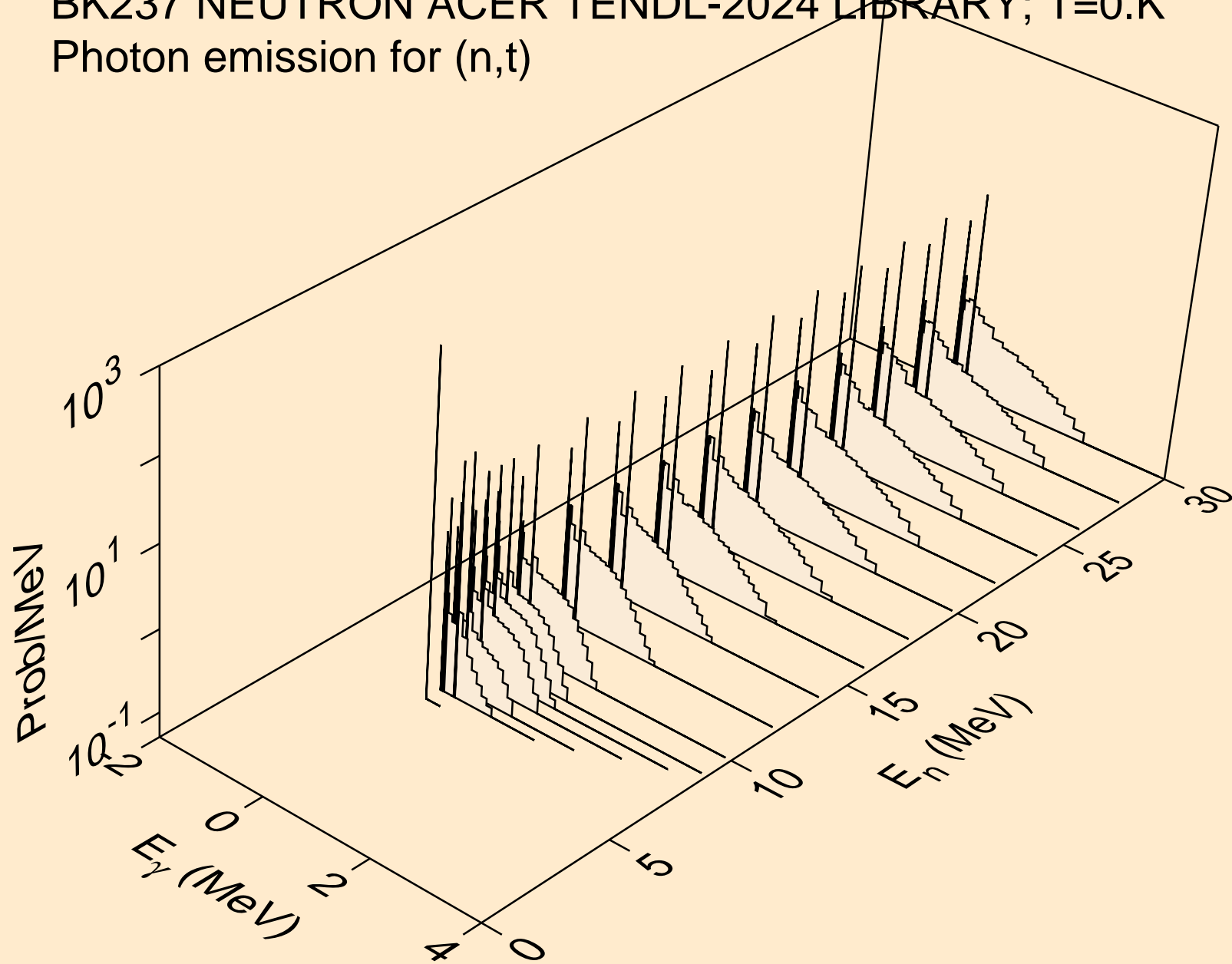


BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)

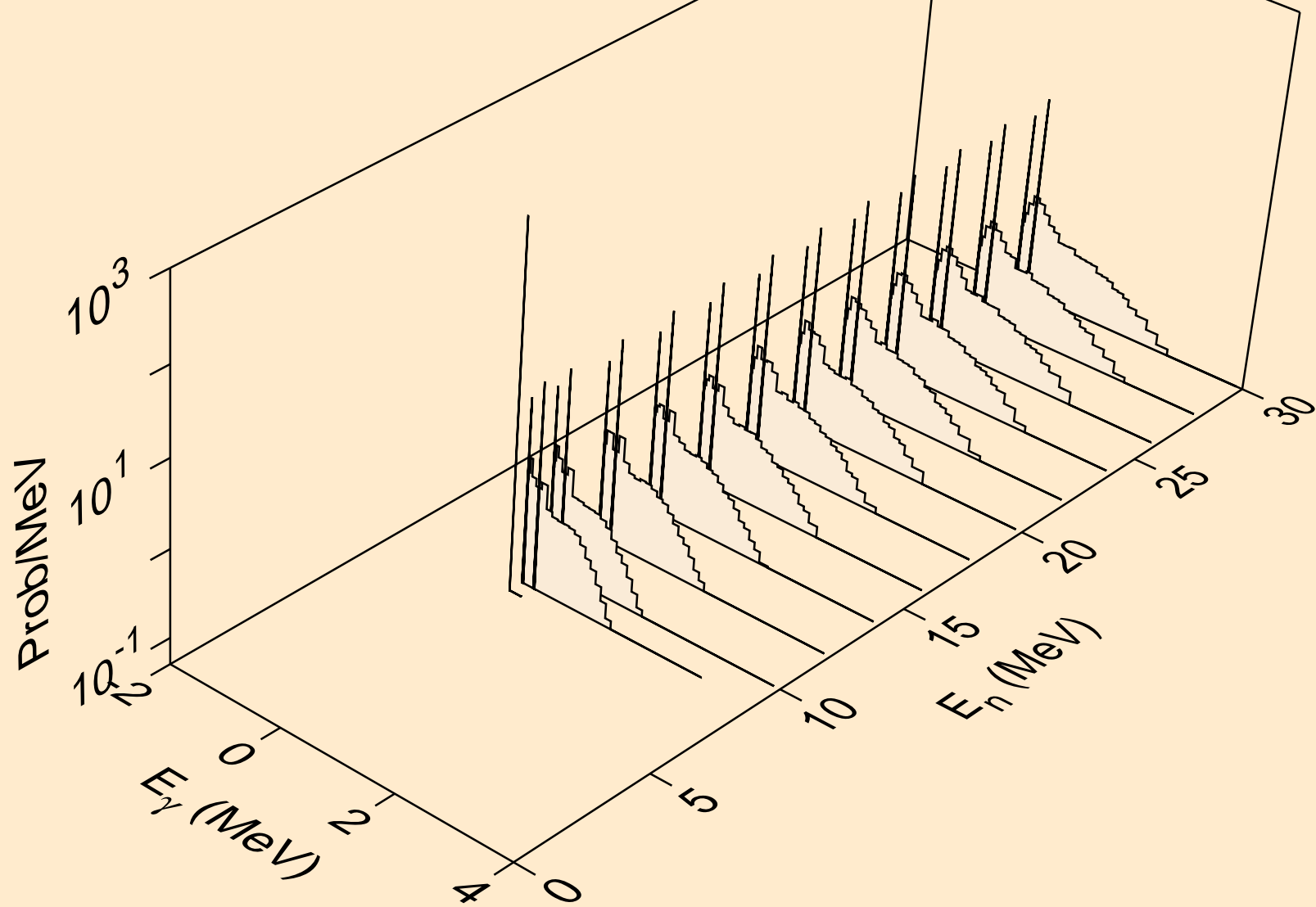




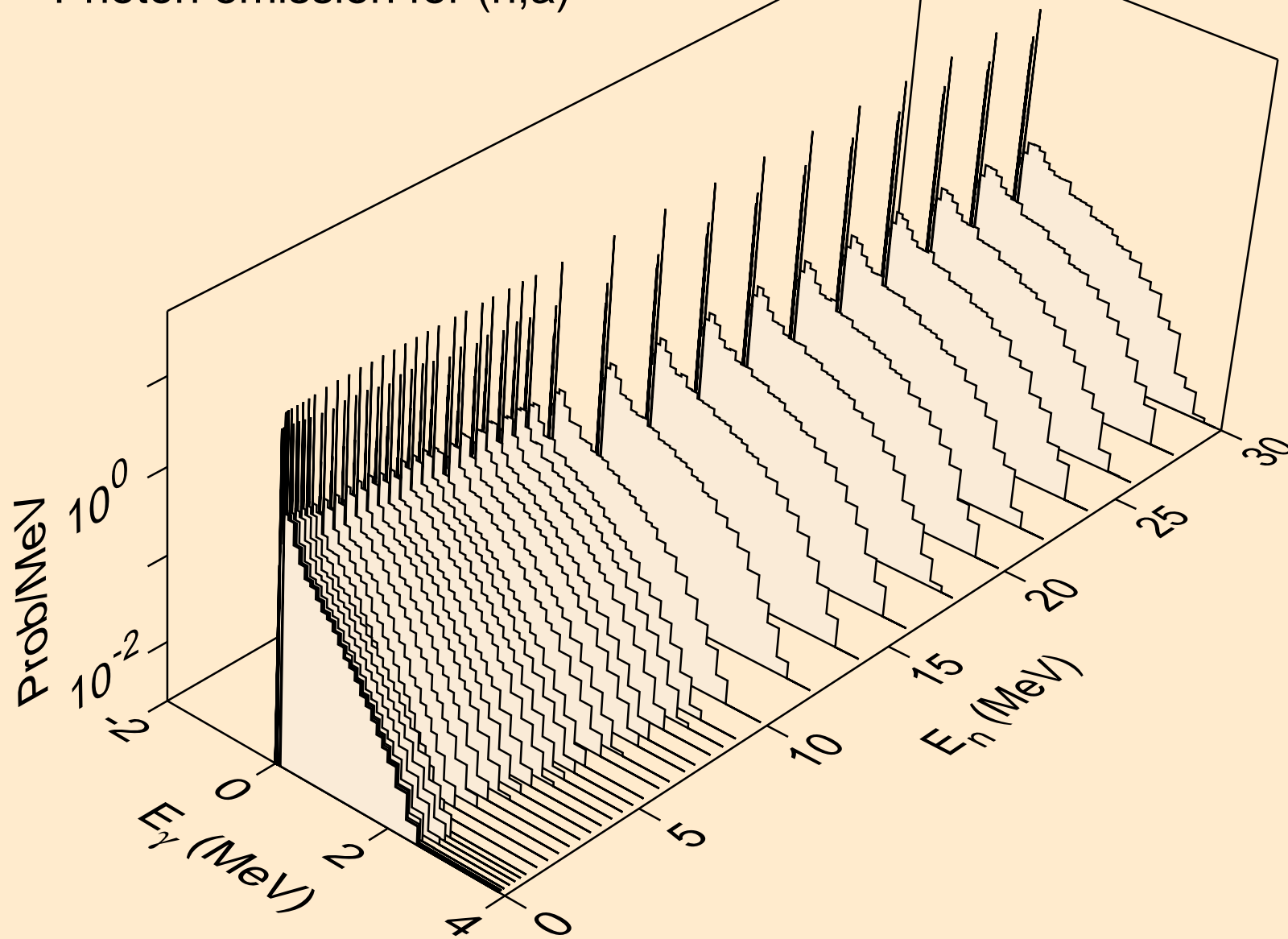
BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



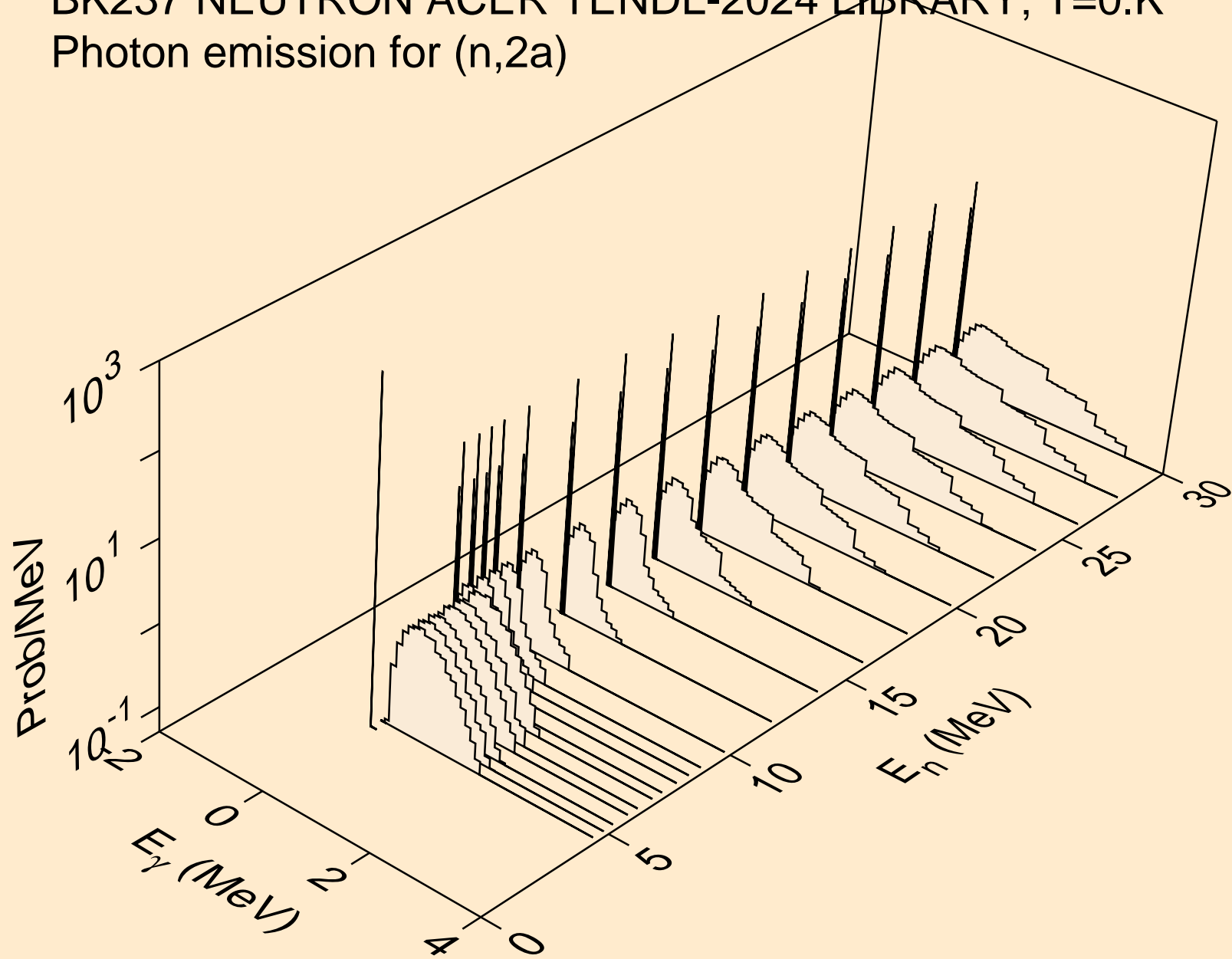
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Photon emission for (n,he3)



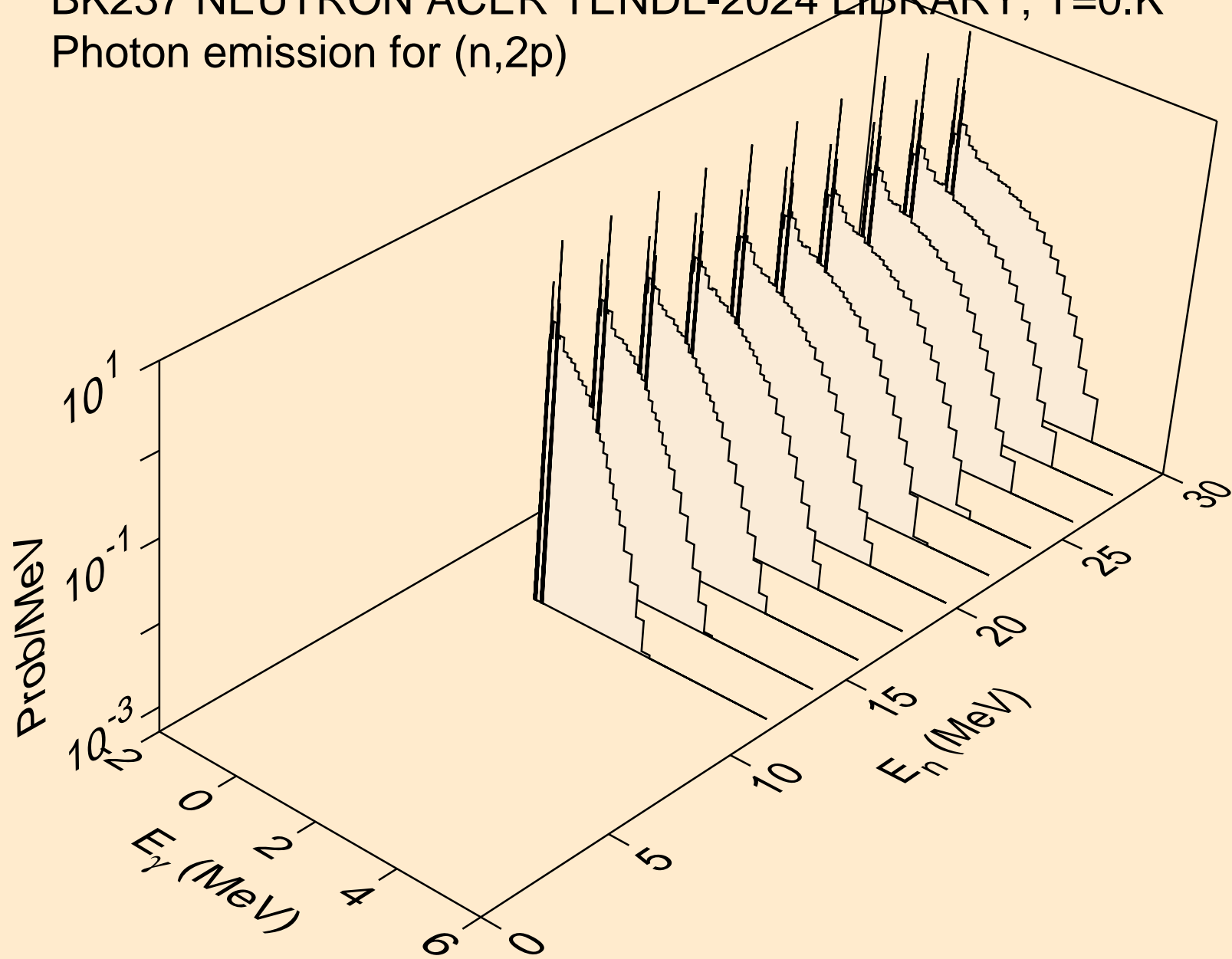
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Photon emission for (n,a)



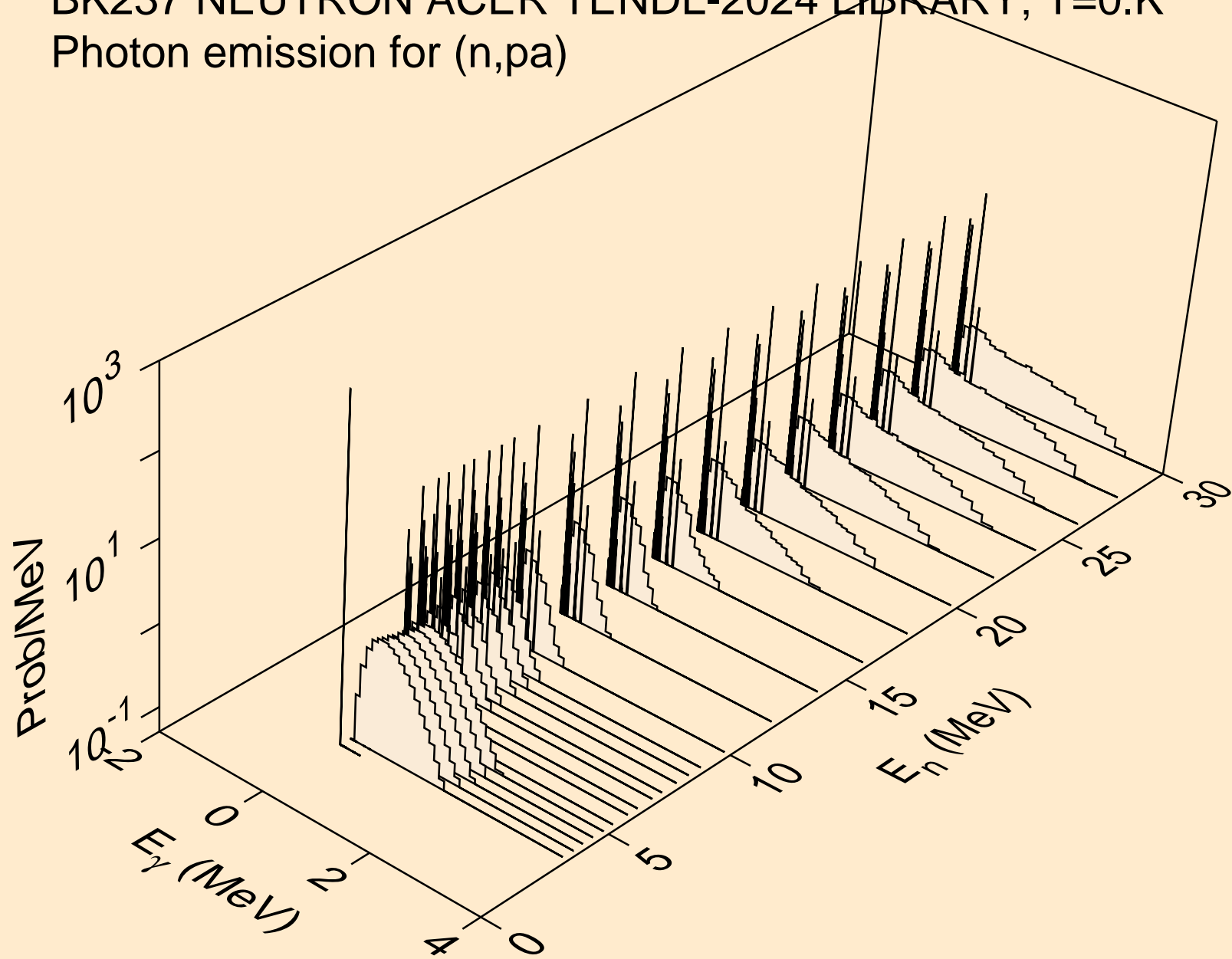
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Photon emission for (n,2a)



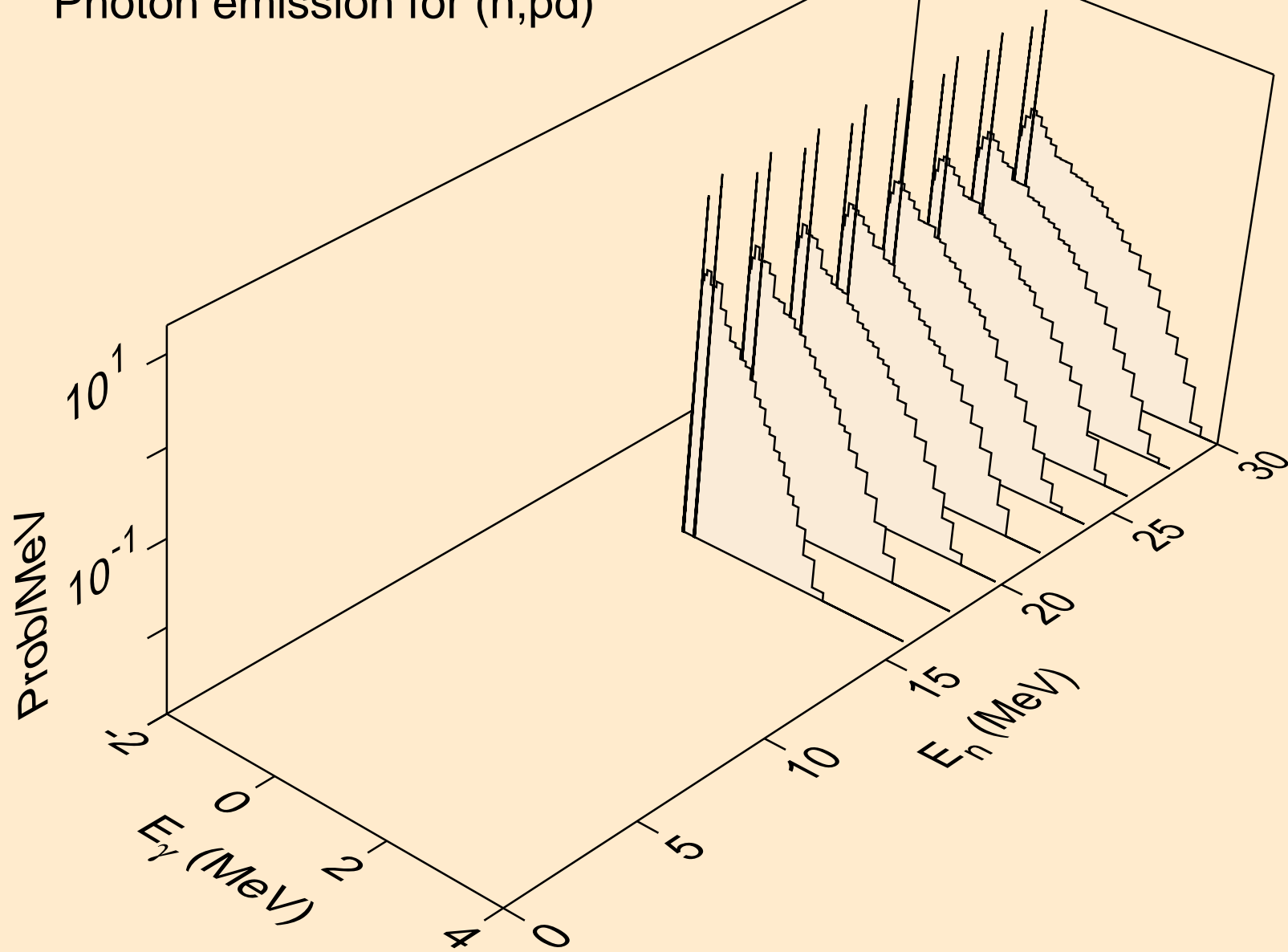
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Photon emission for (n,2p)



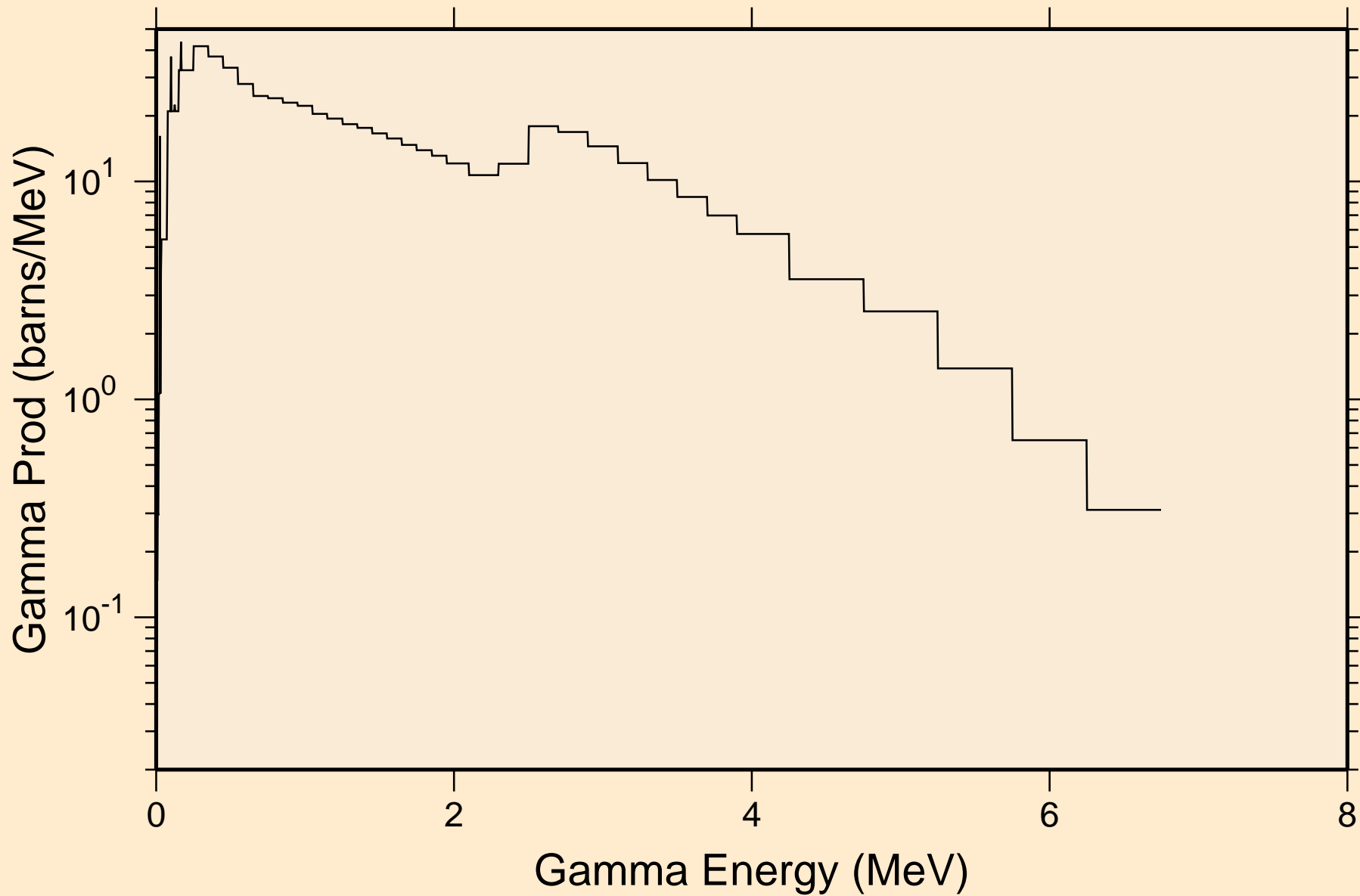
BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)

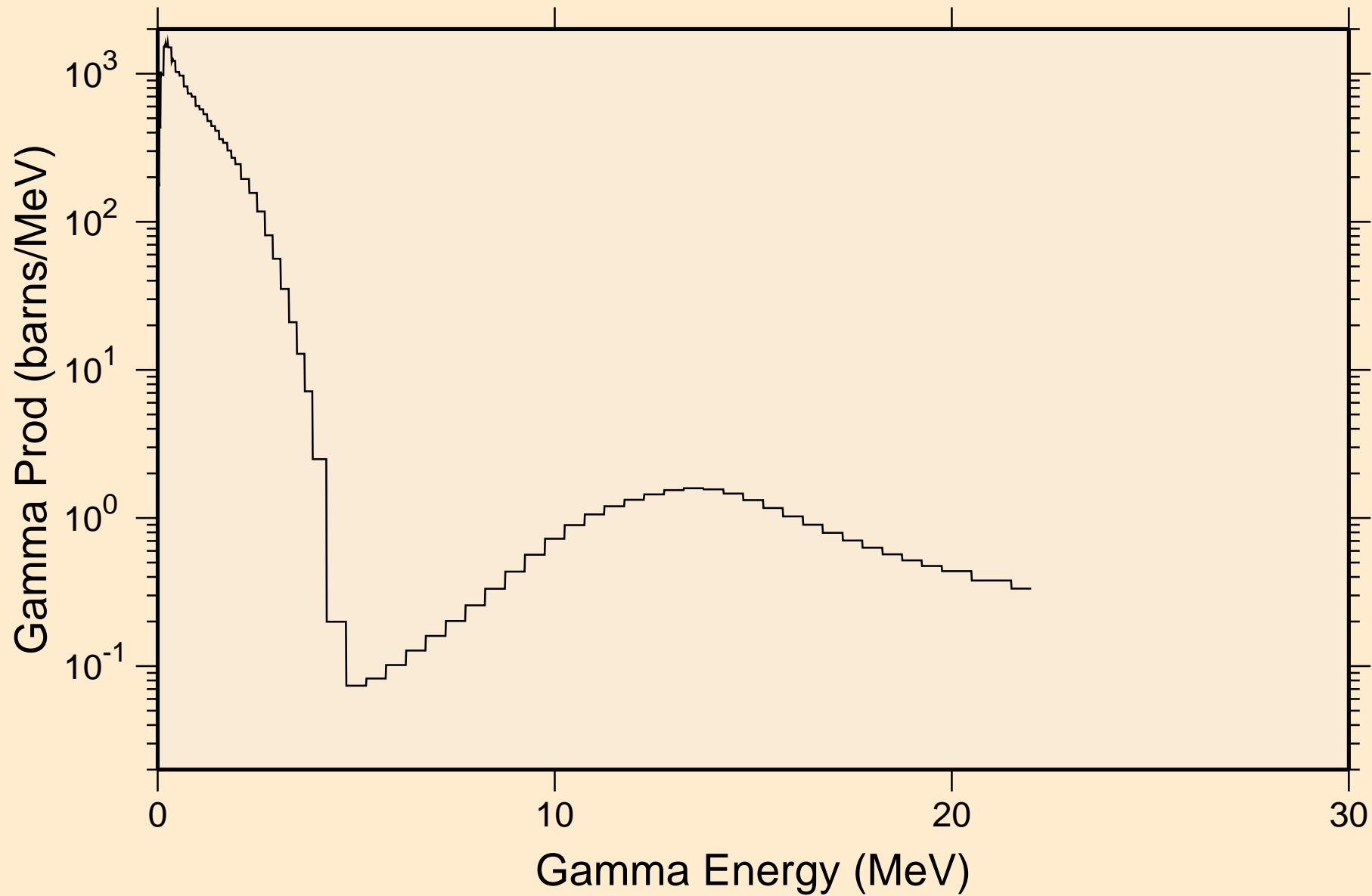


BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum



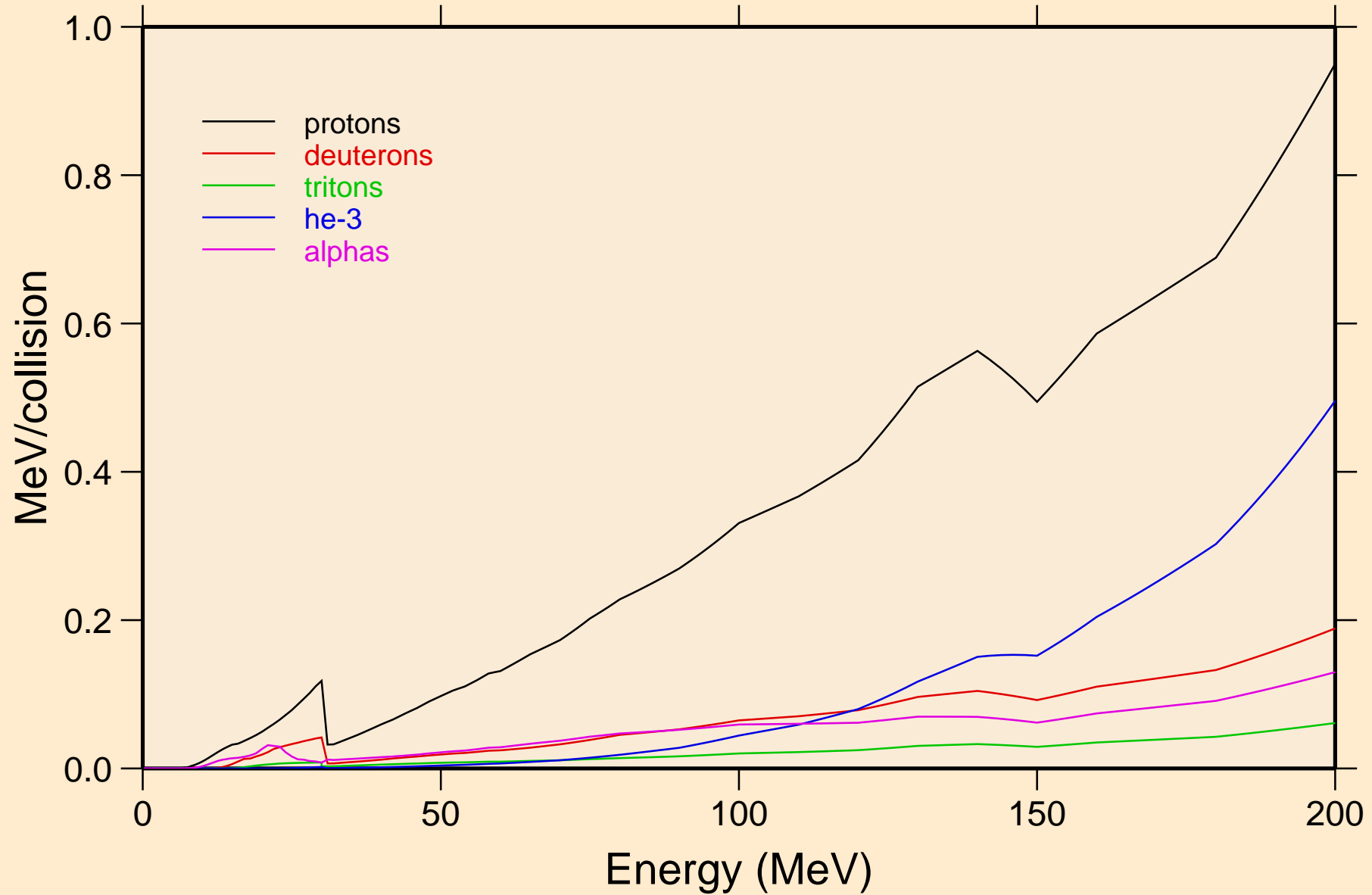


BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

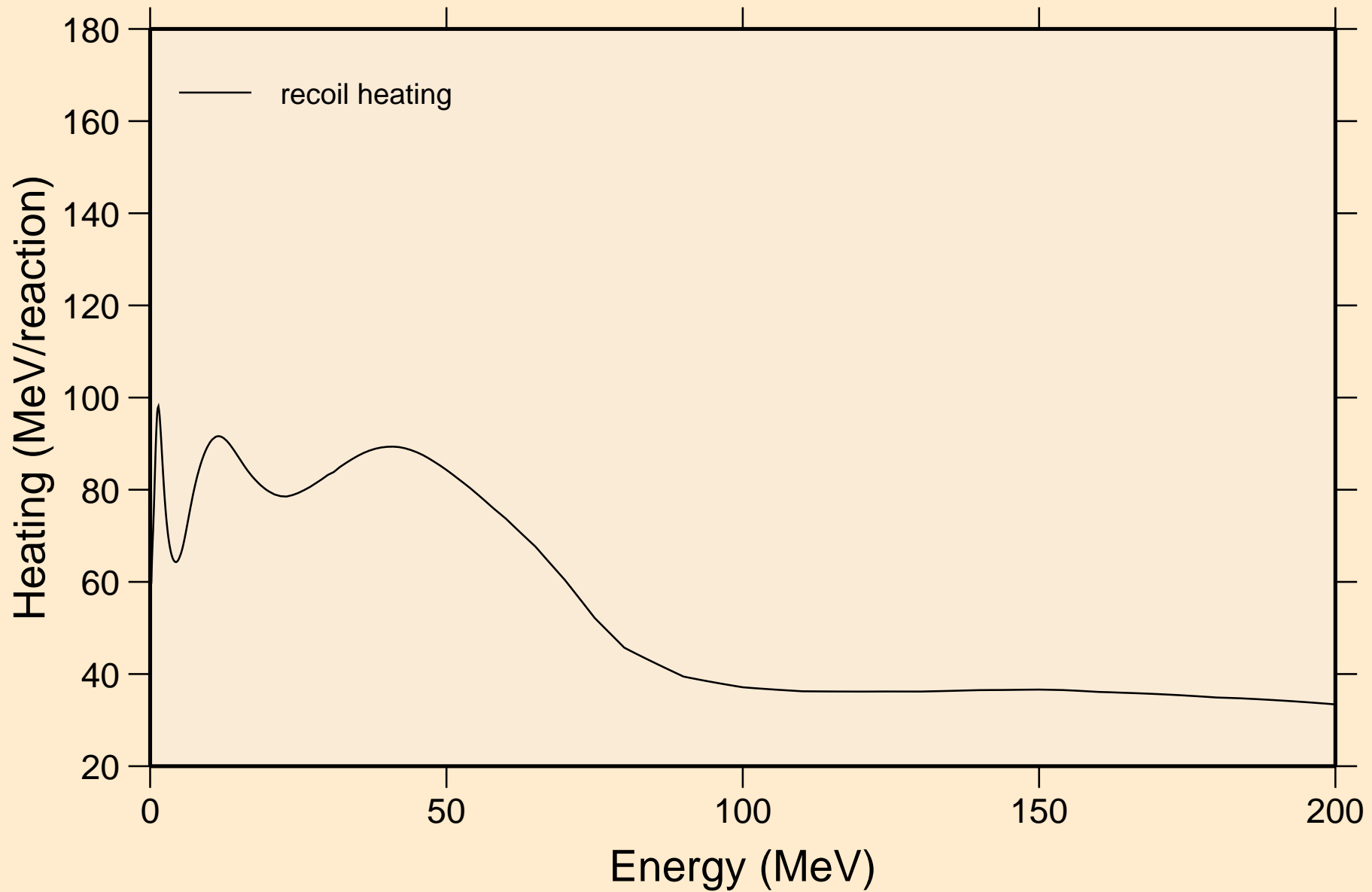


# BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions

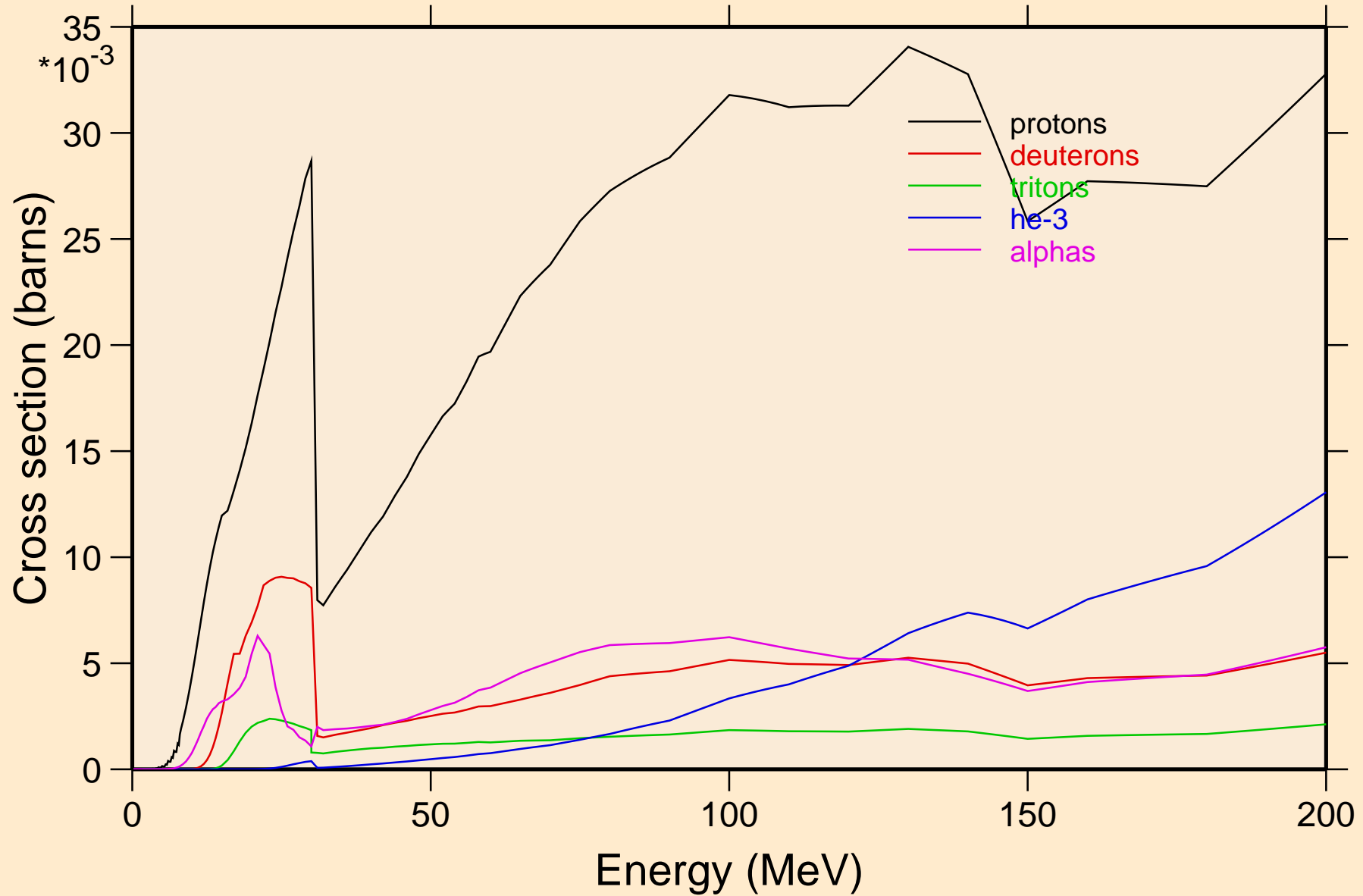


BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating

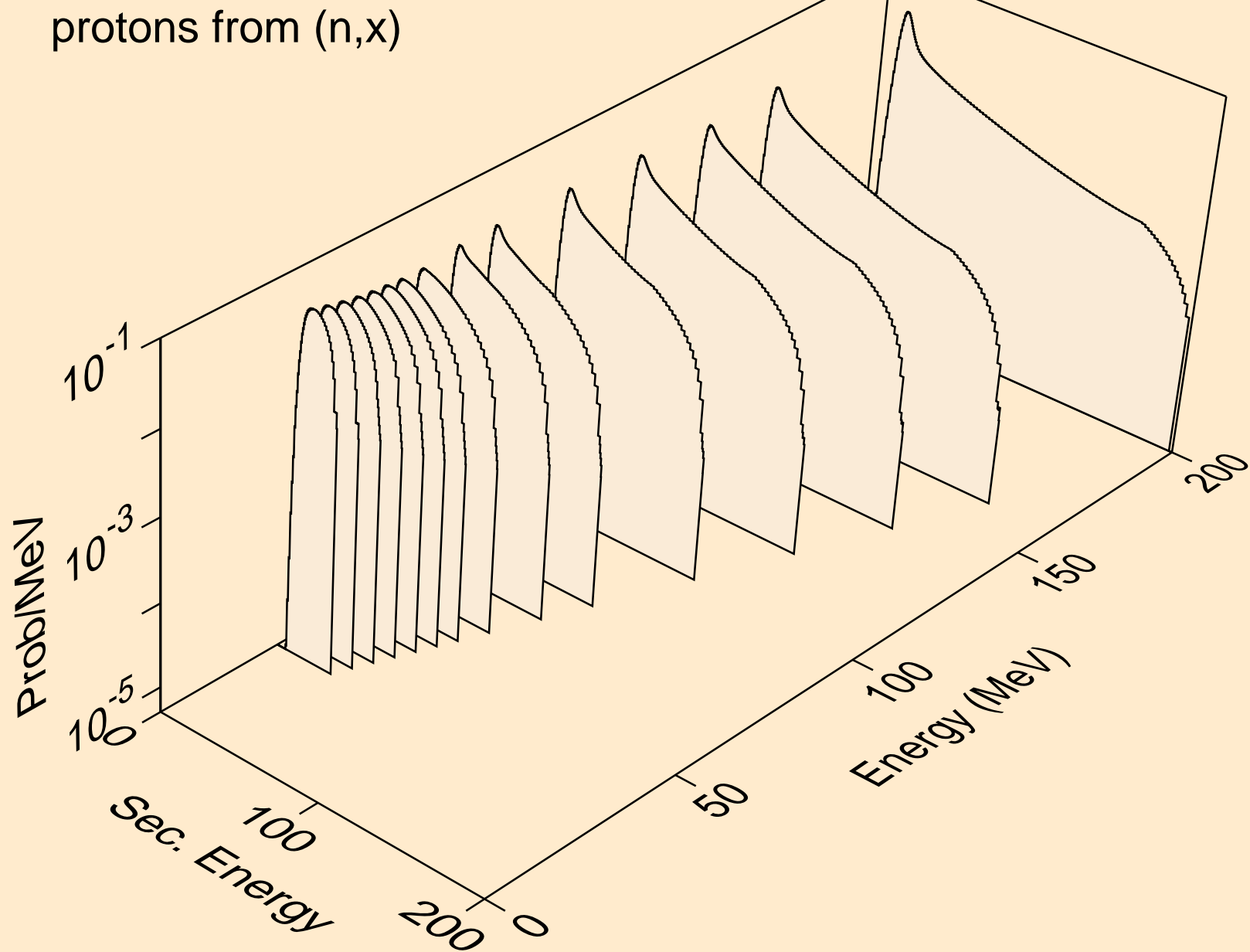


# BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

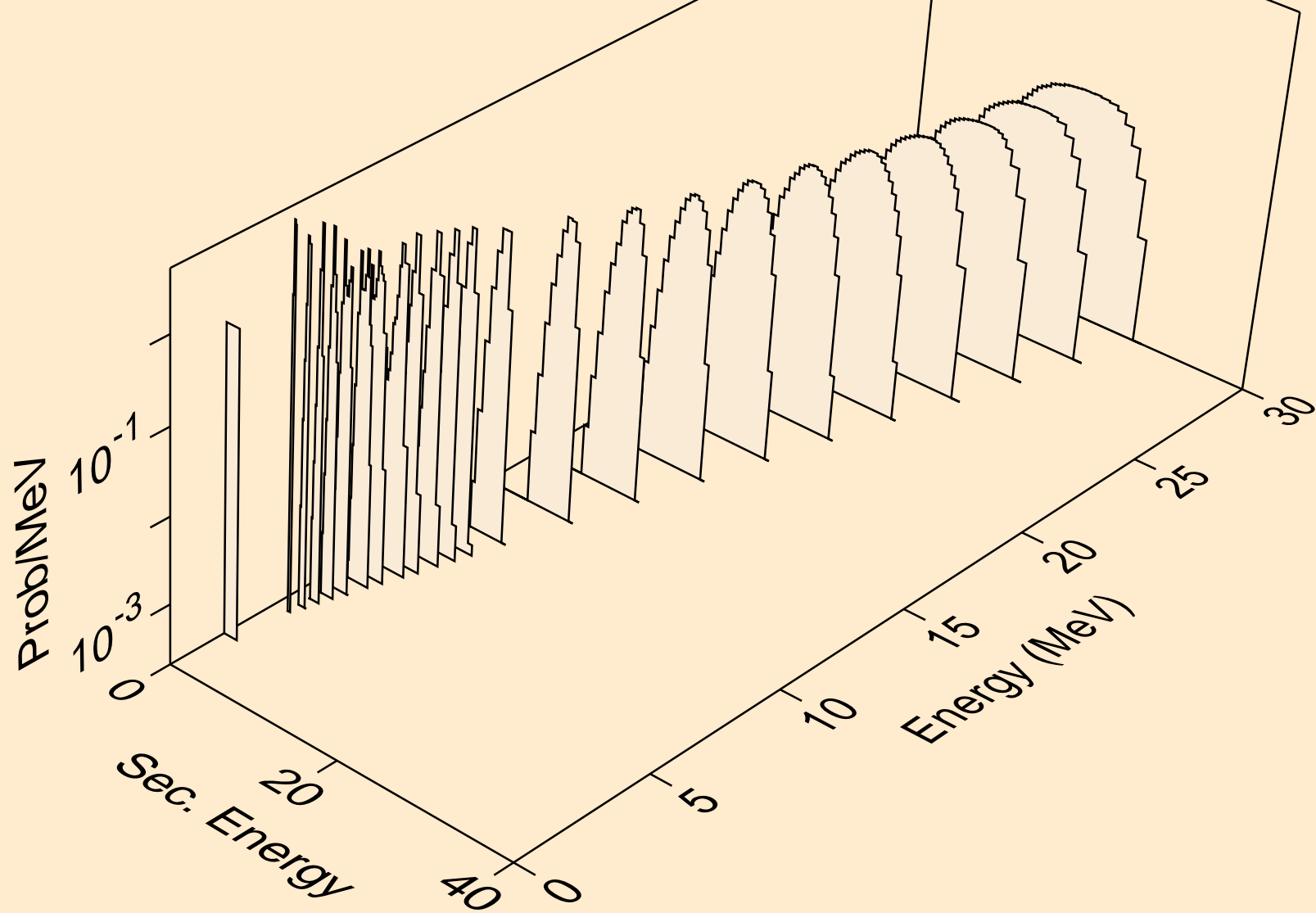
## Particle production cross sections



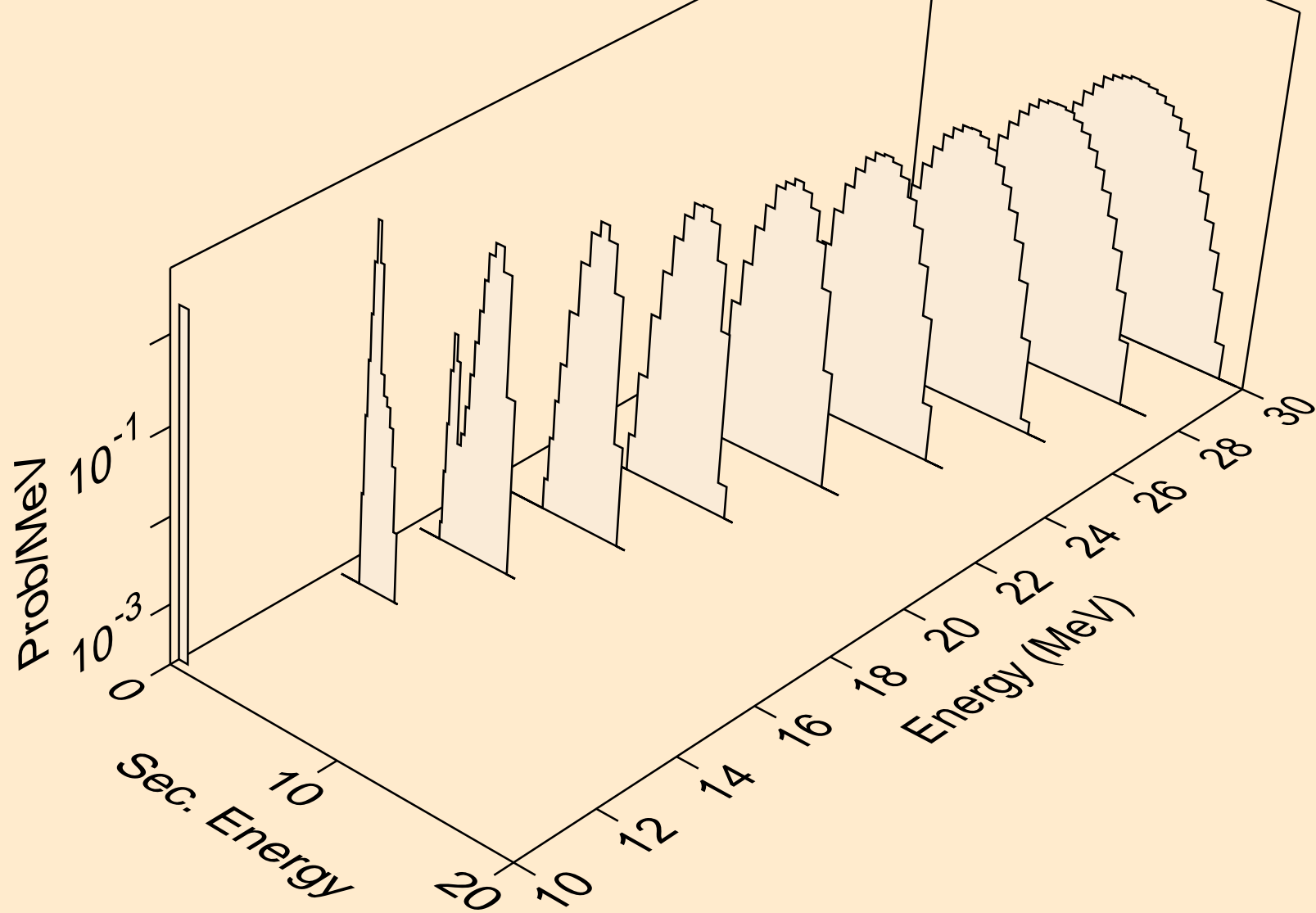
BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



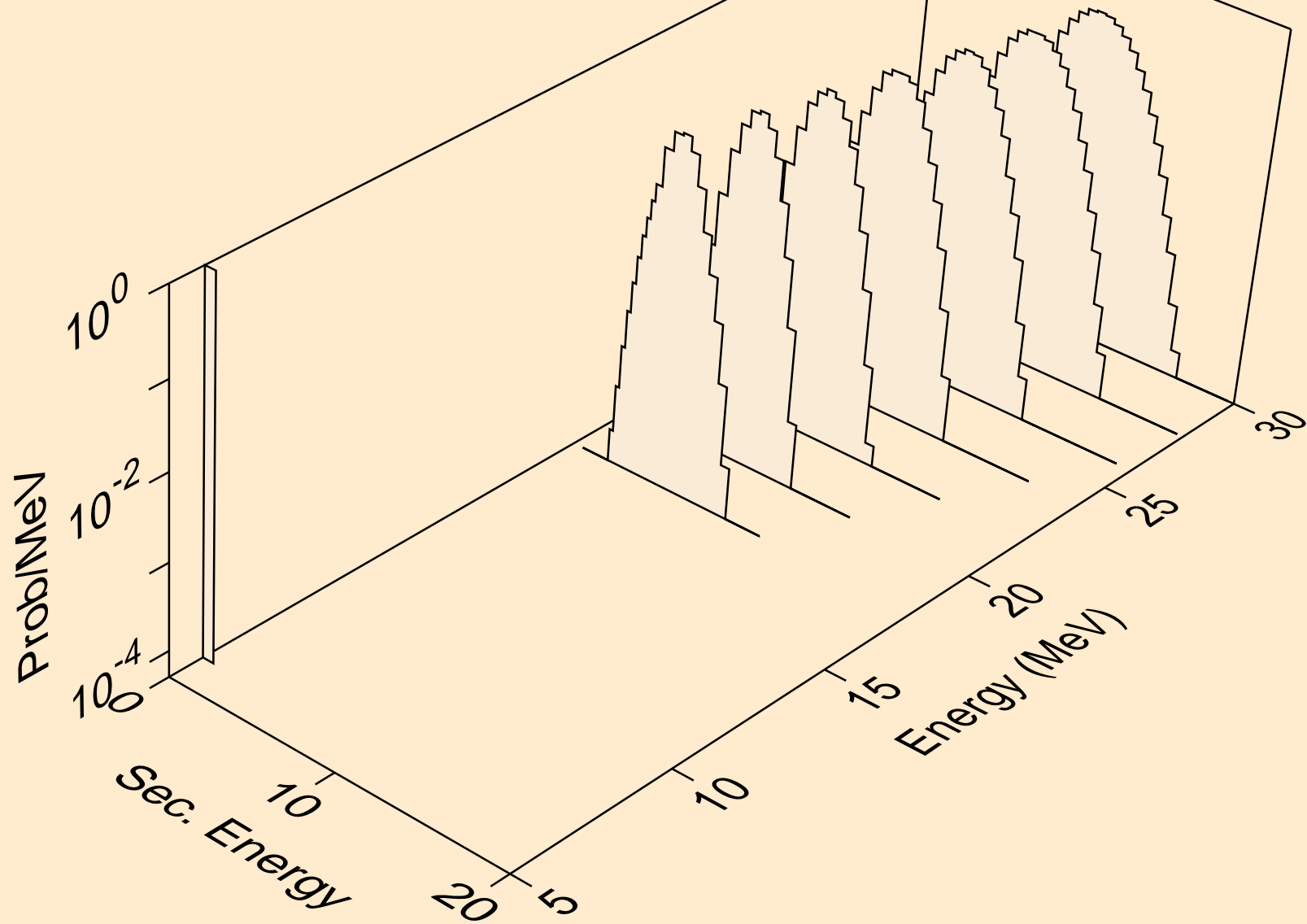
BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)

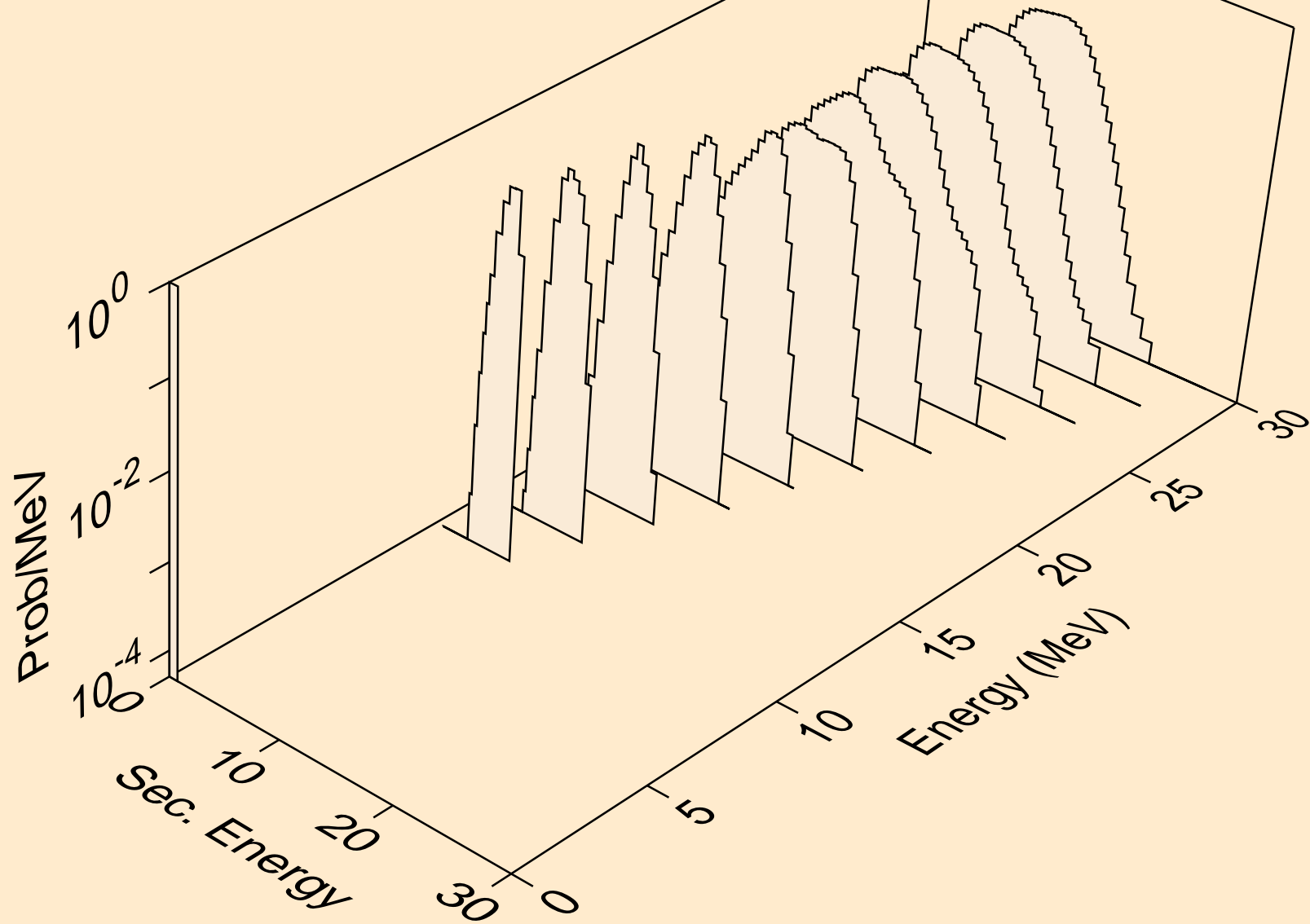


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protons from (n,n2p)

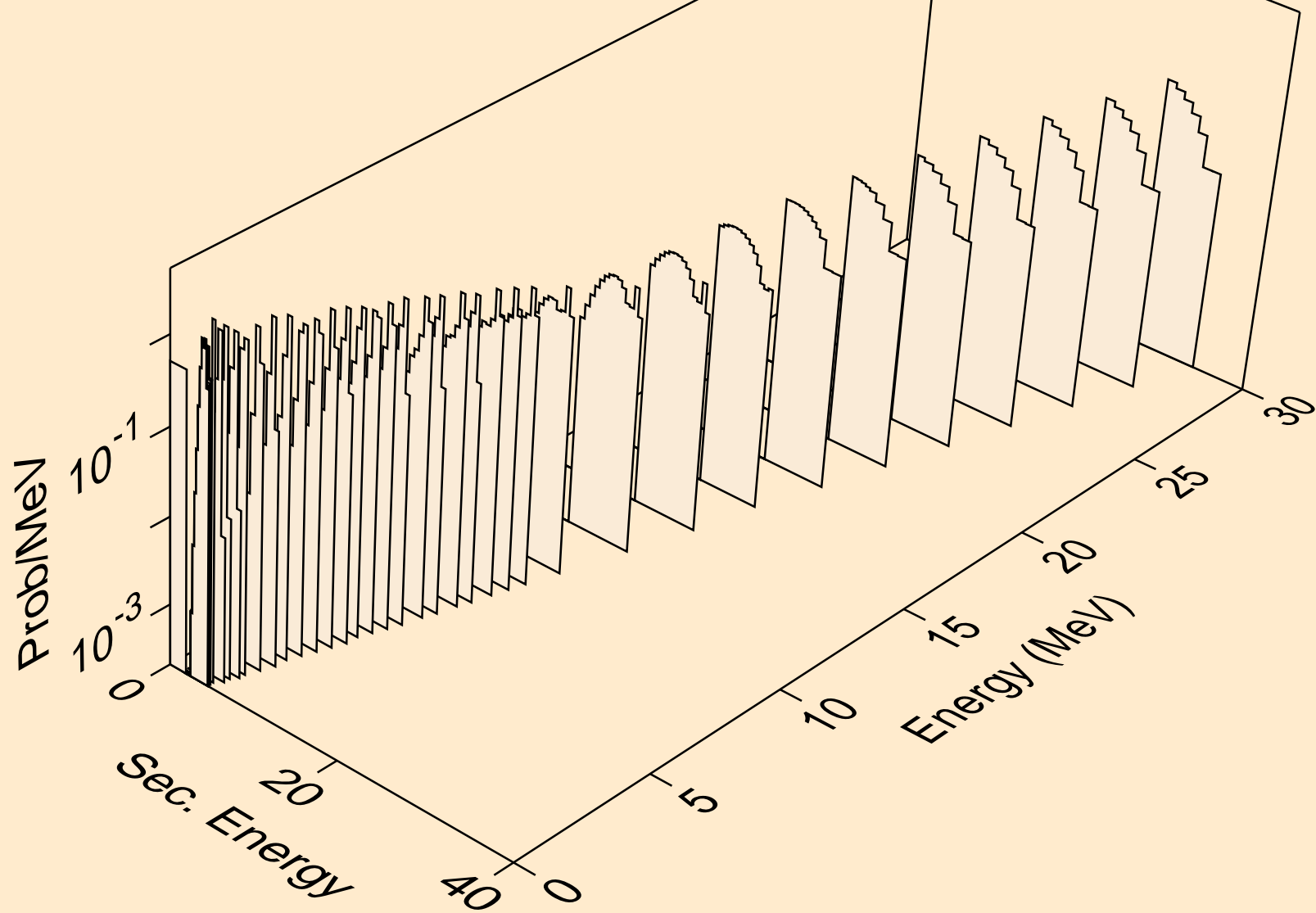




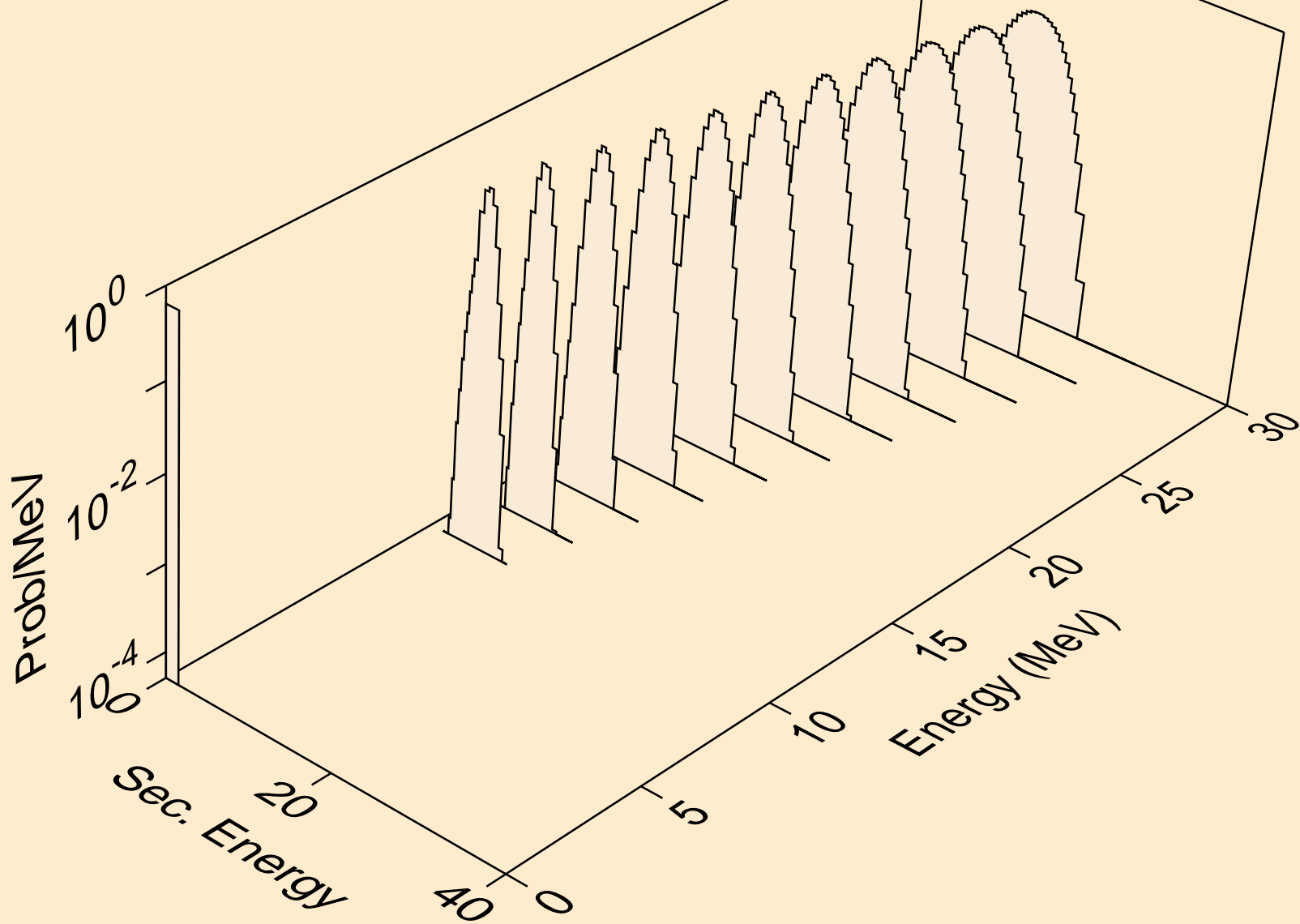
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protons from (n,npa)



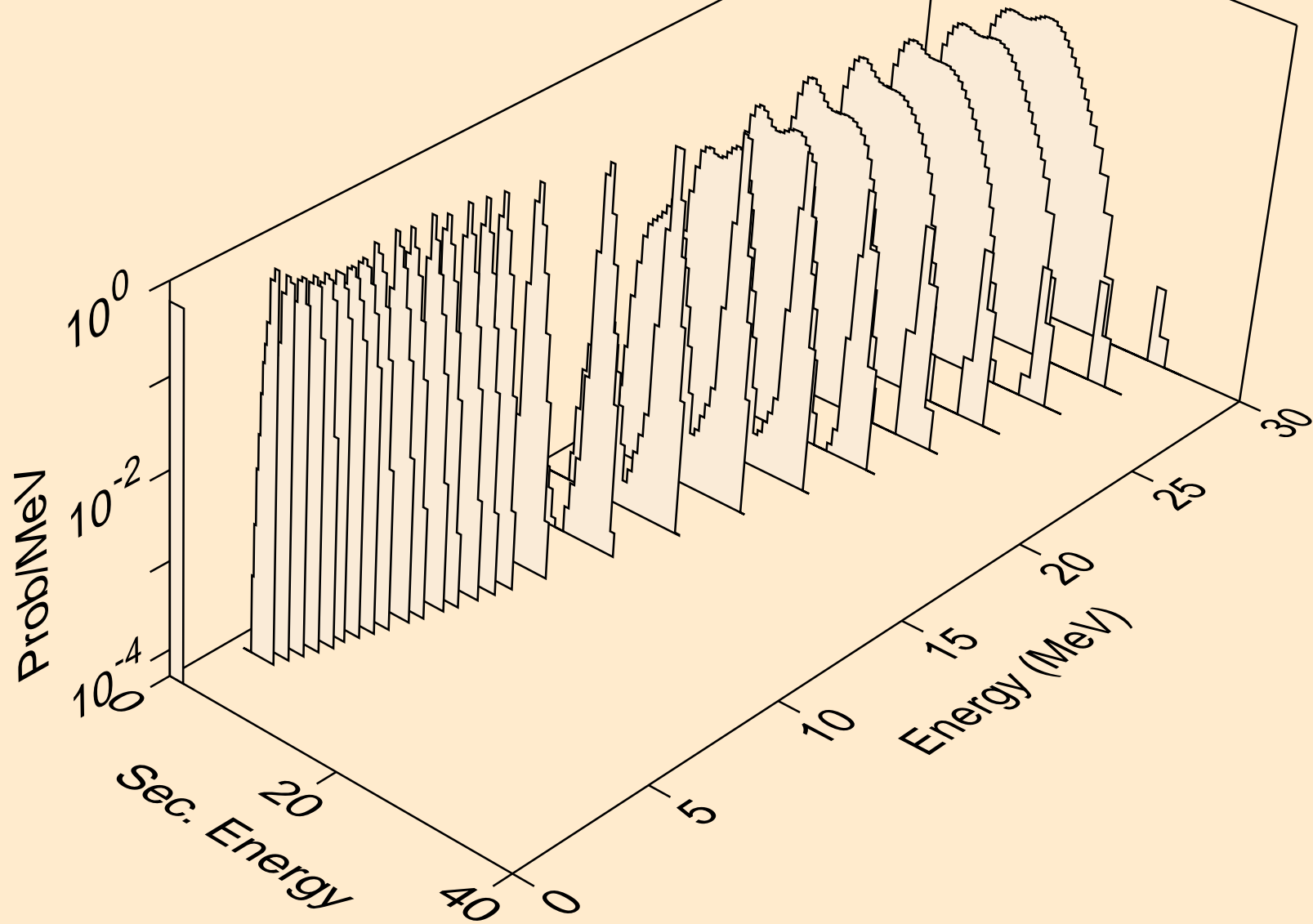
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protons from (n,p)



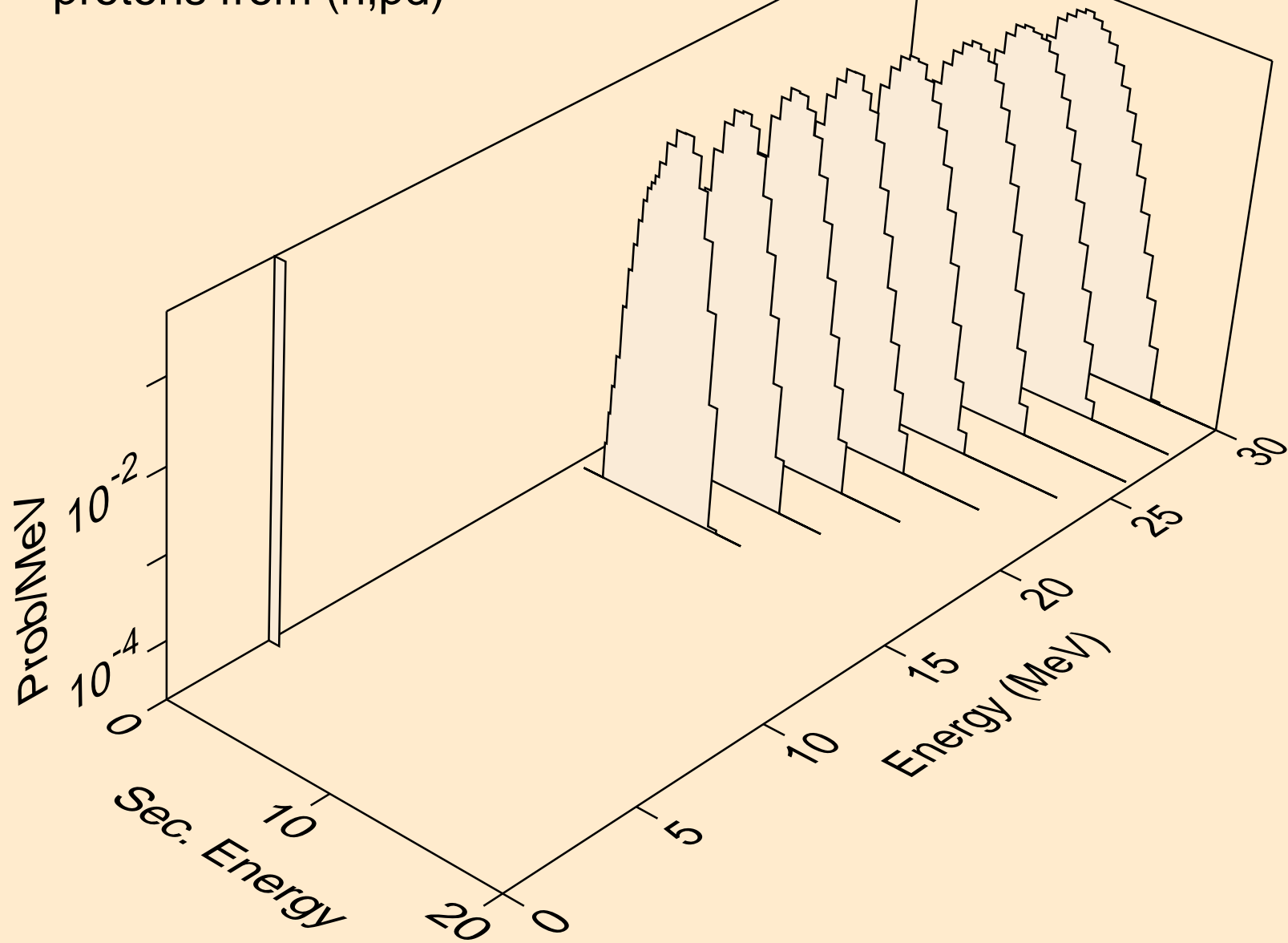
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protons from (n,2p)



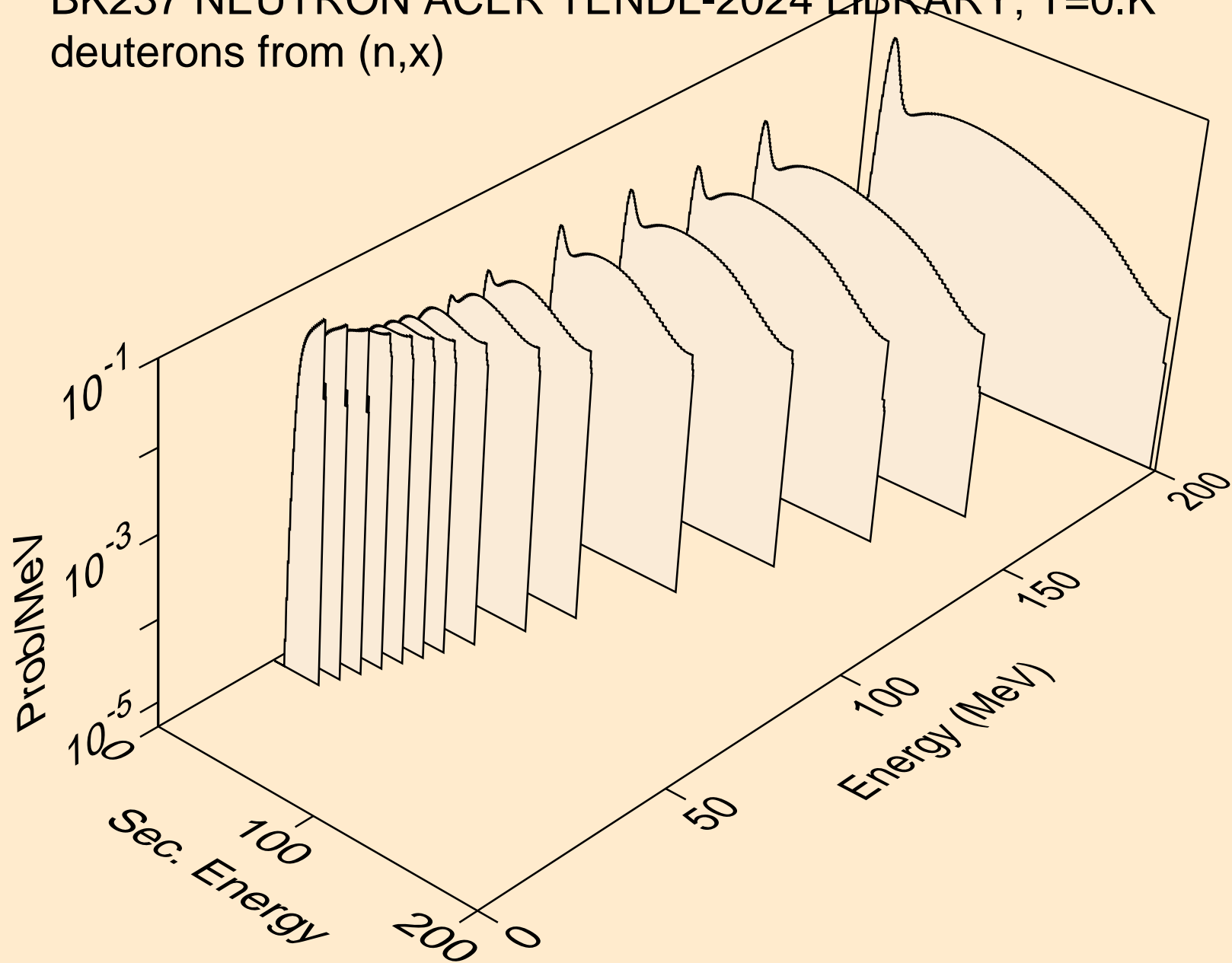
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protons from (n,p)



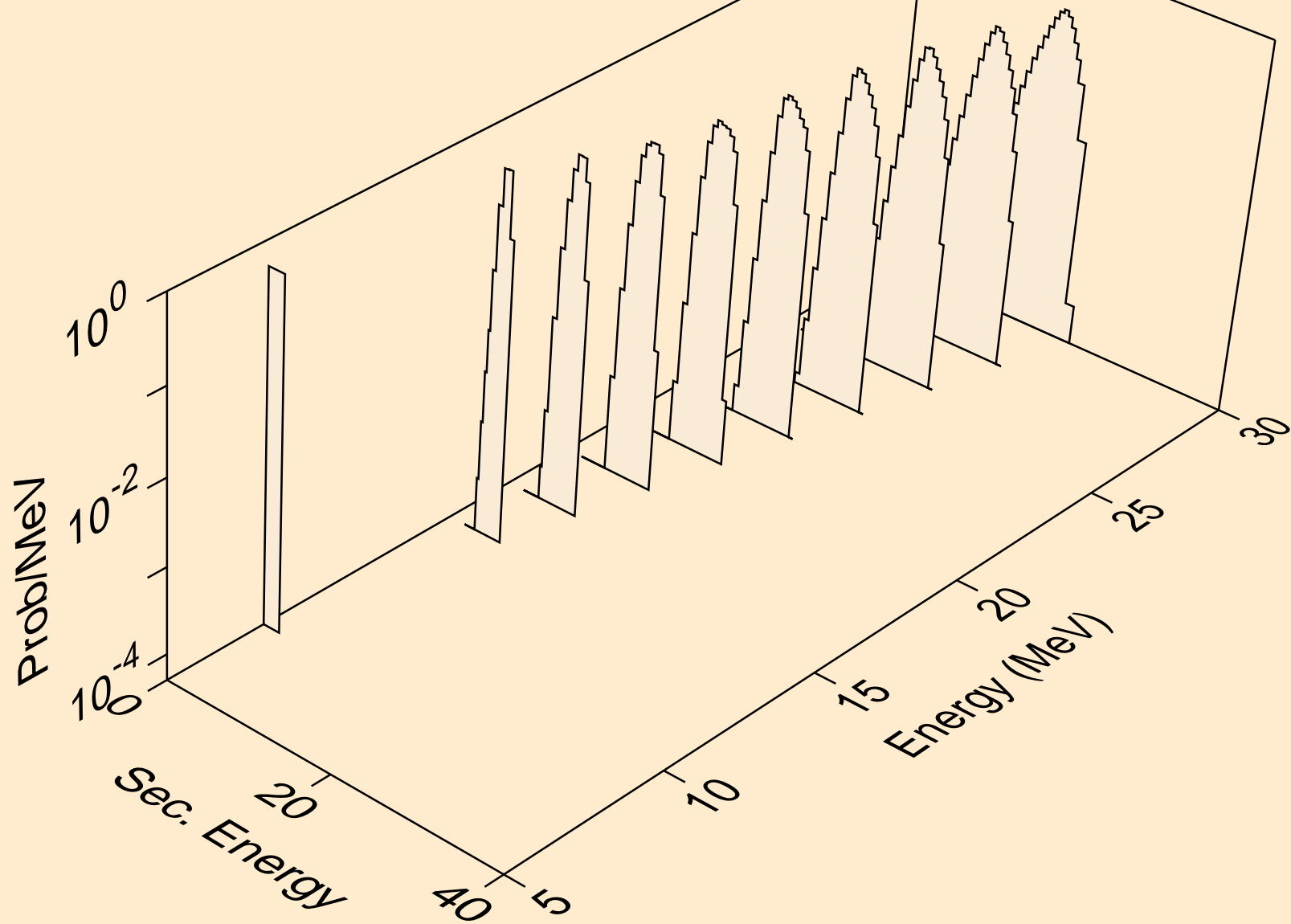
BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pd)



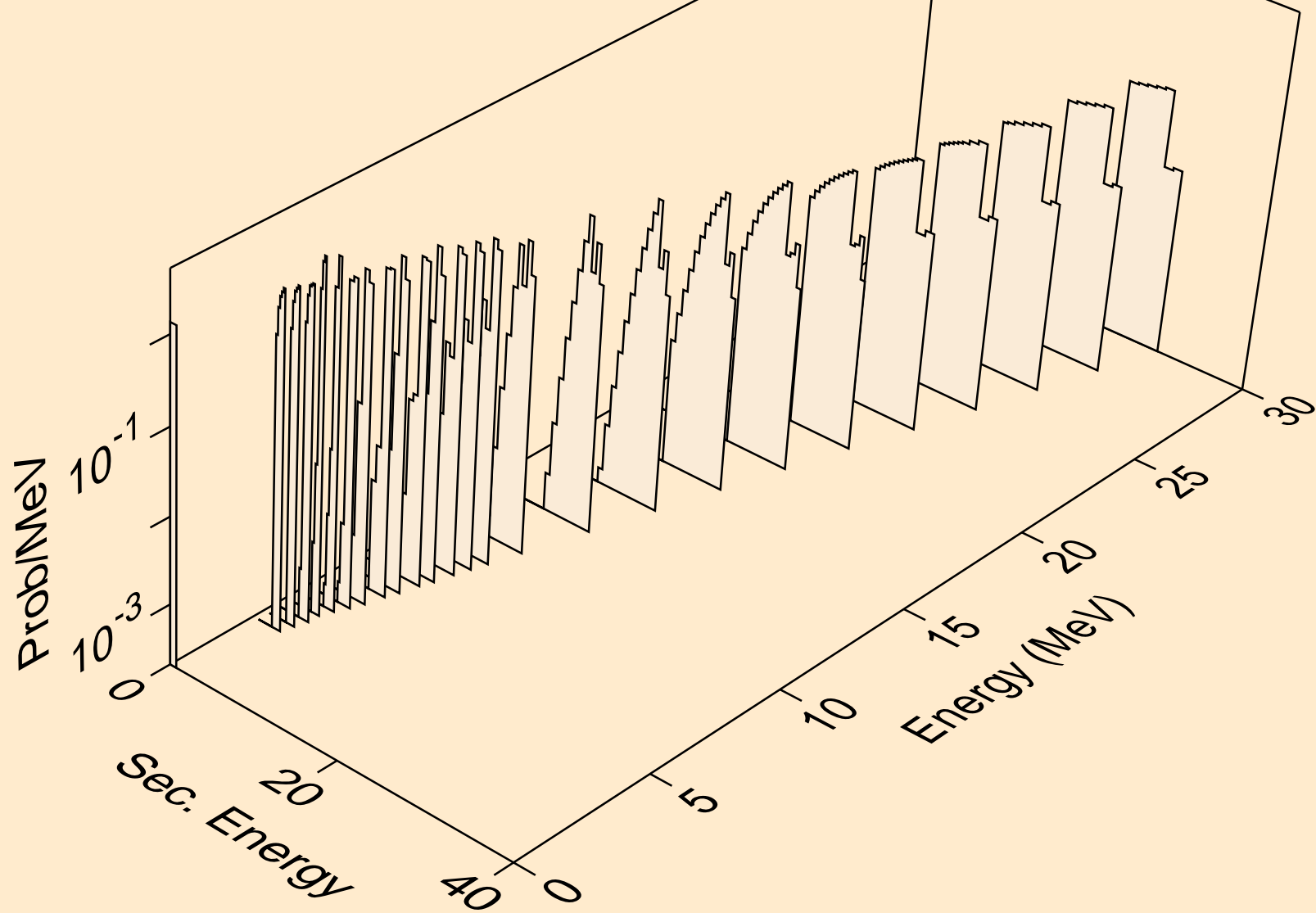
BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)



BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d

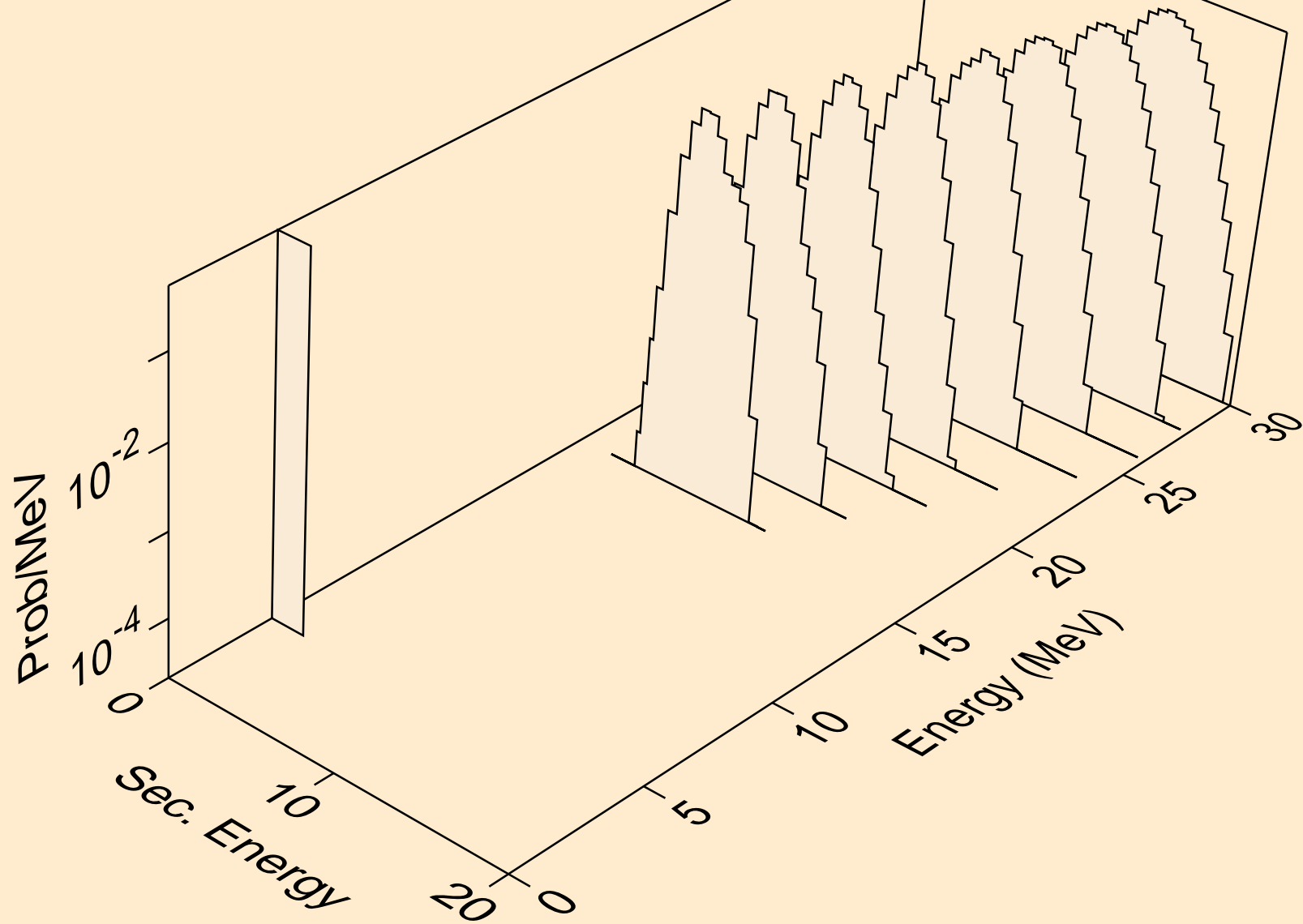


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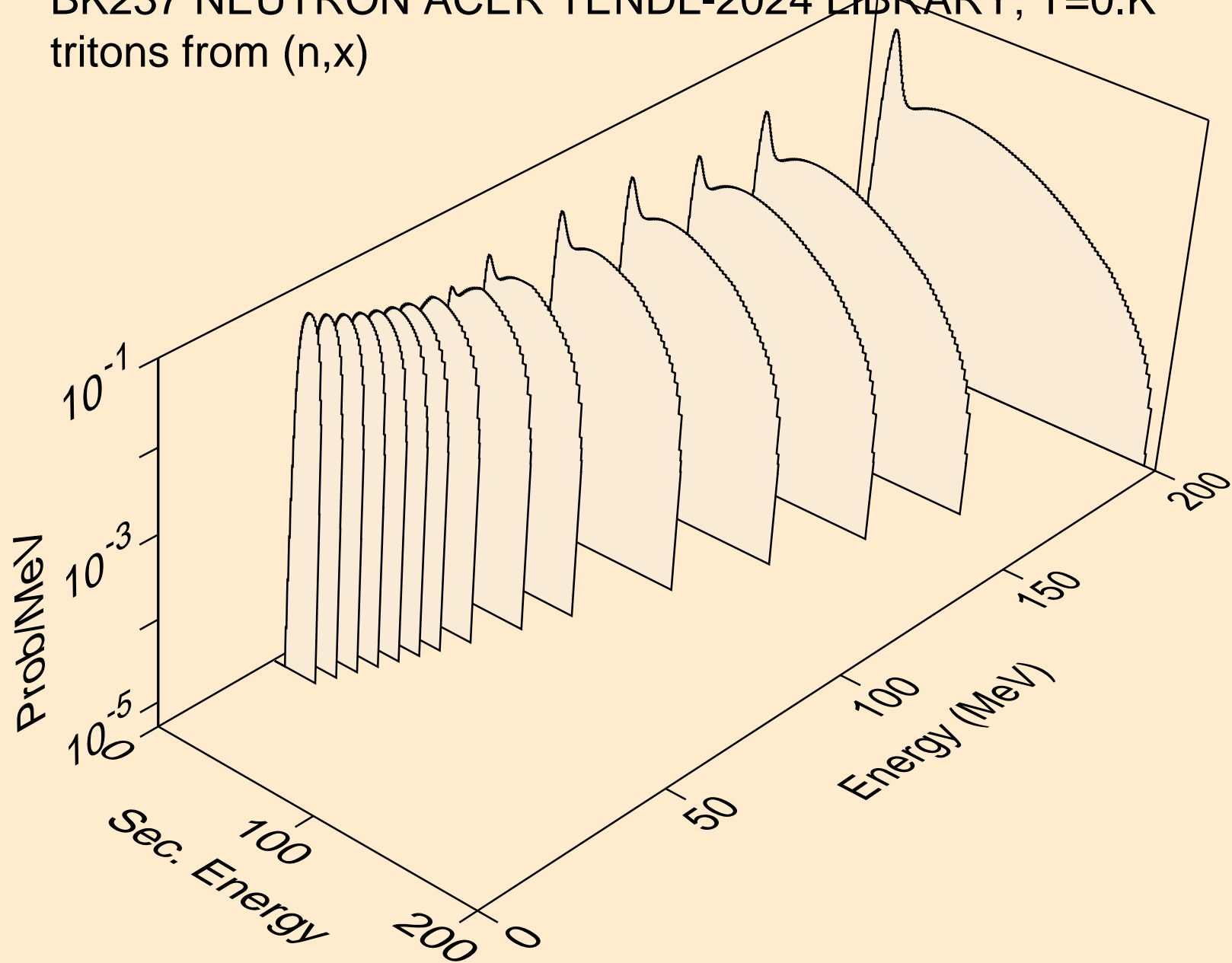




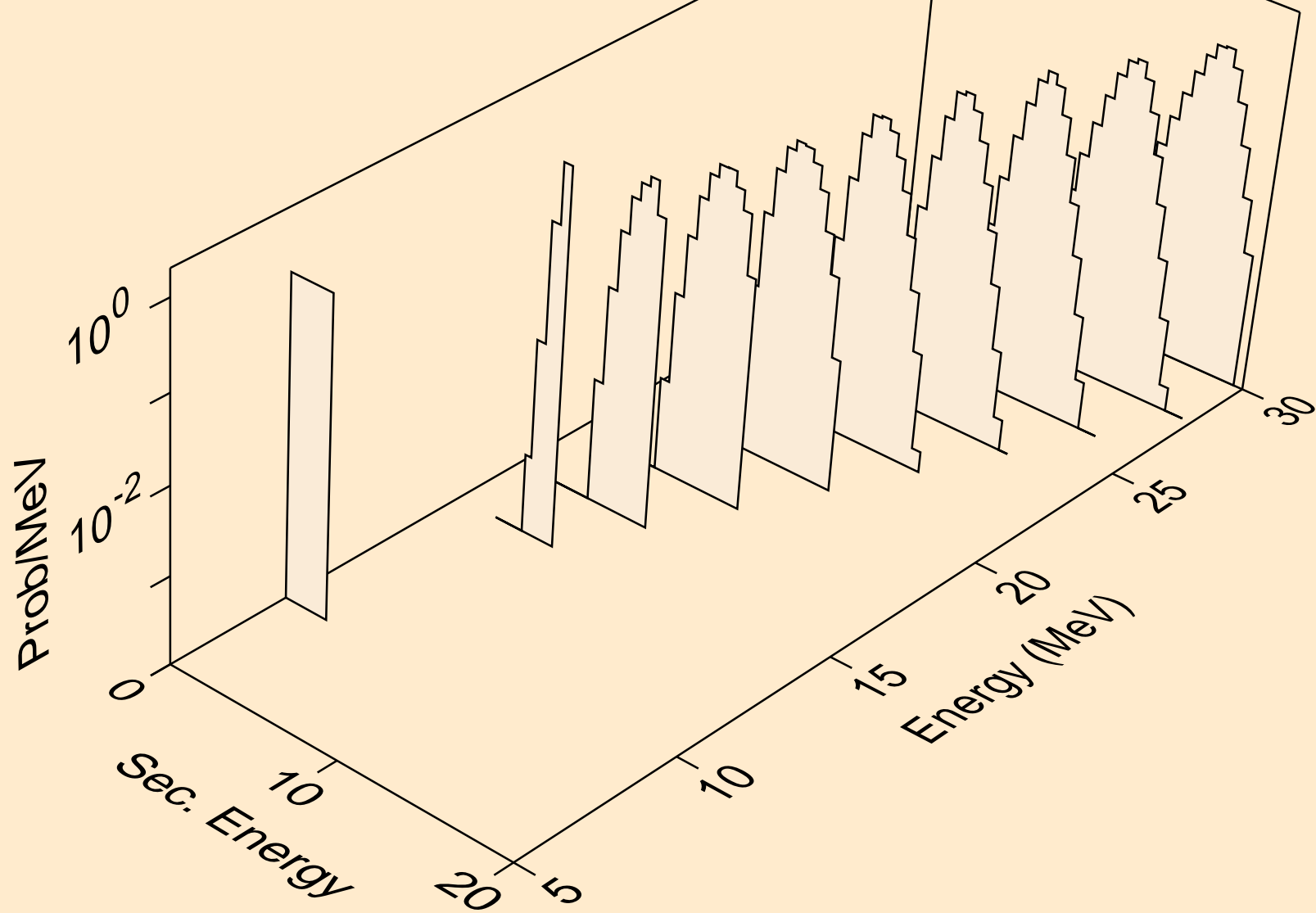
BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,pd)



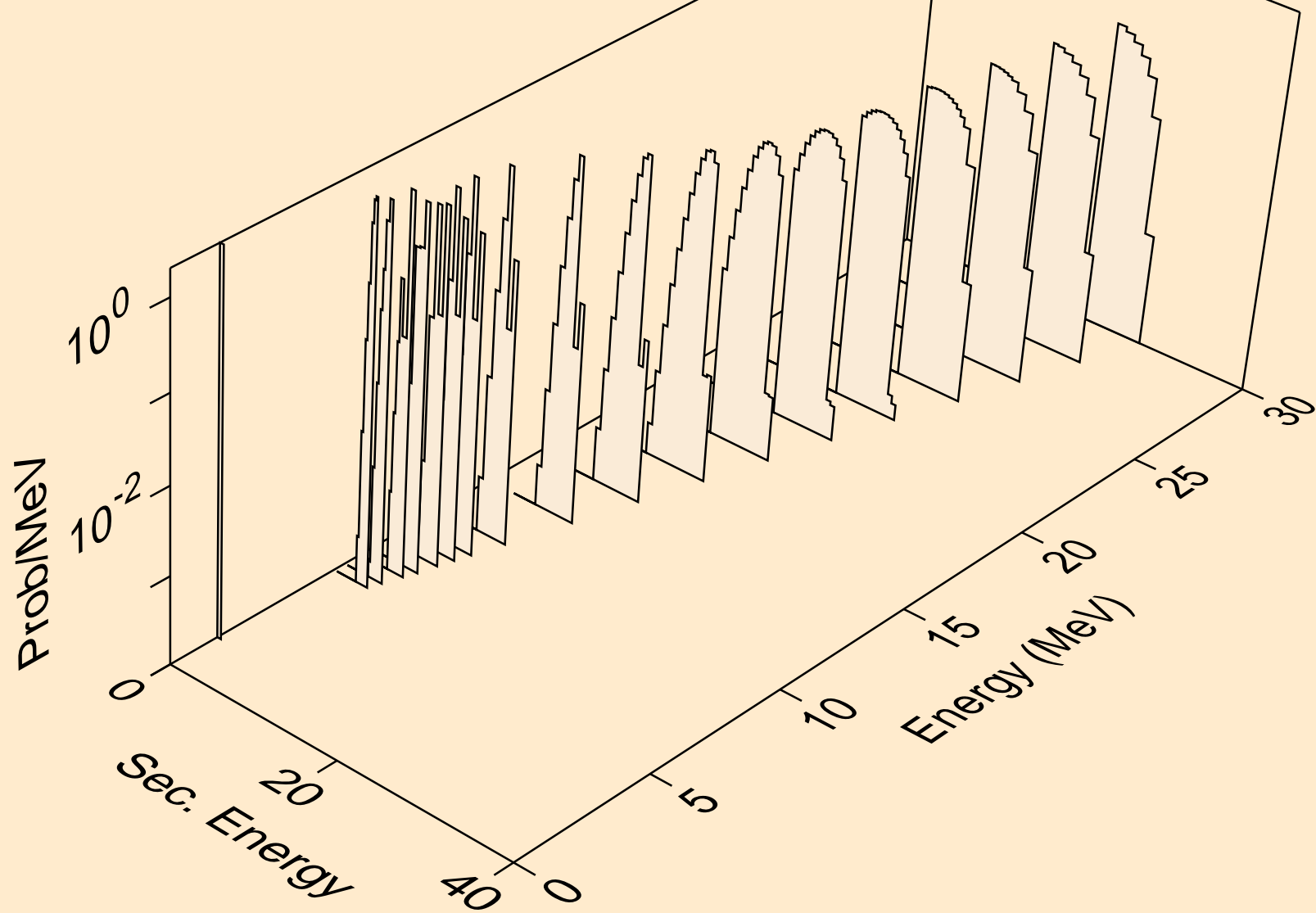
BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)



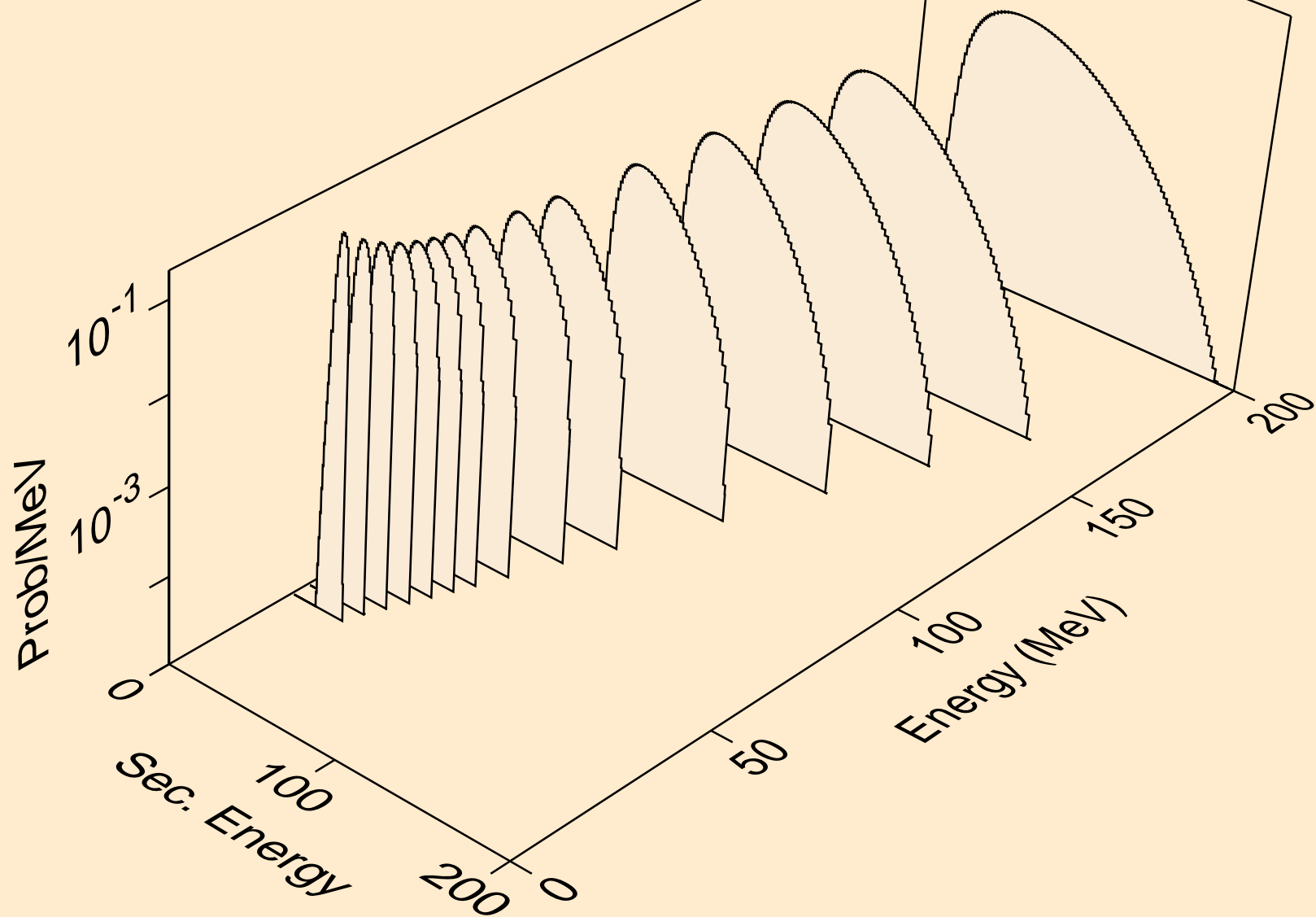
BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



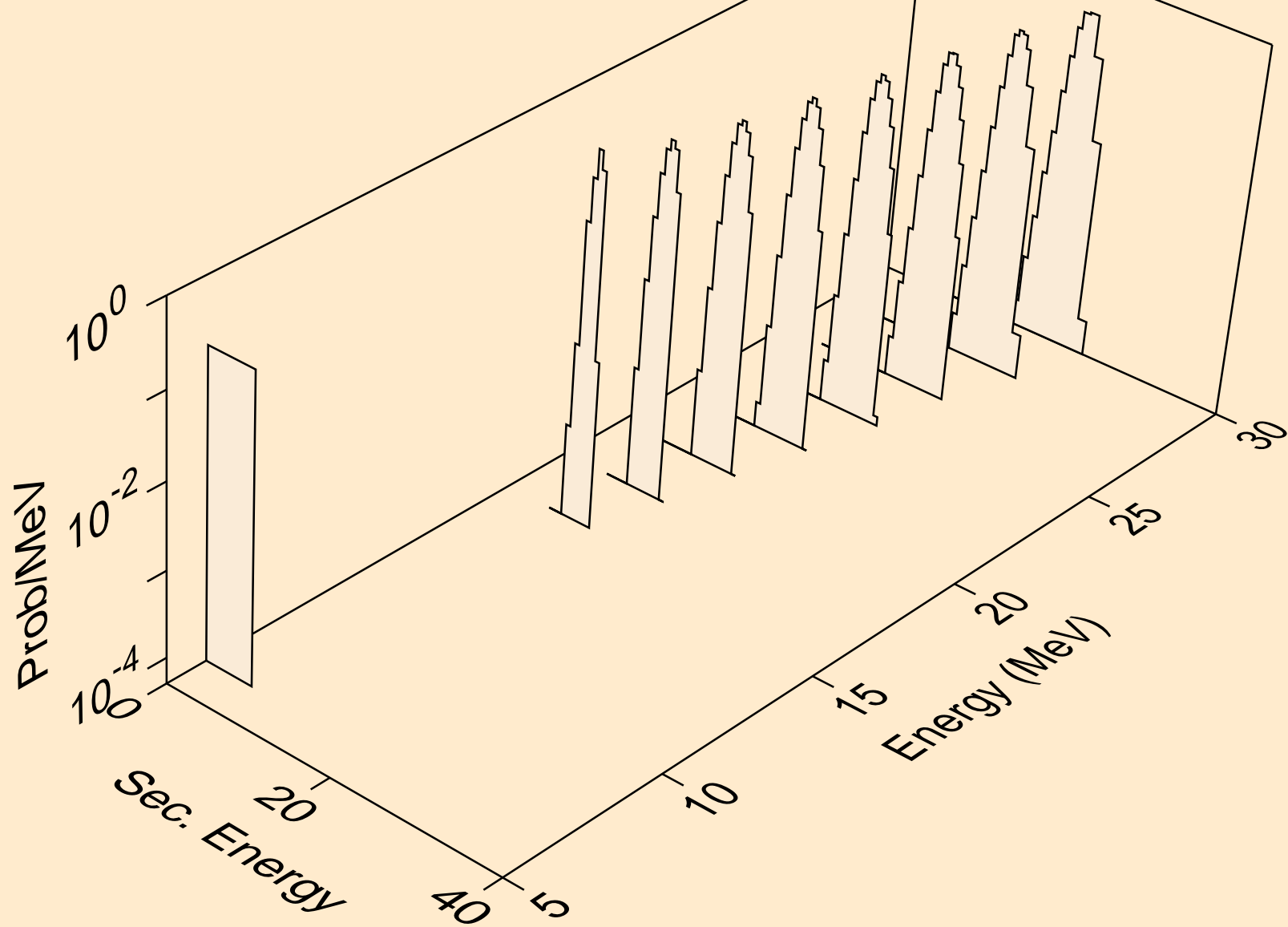
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tritons from (n,t)



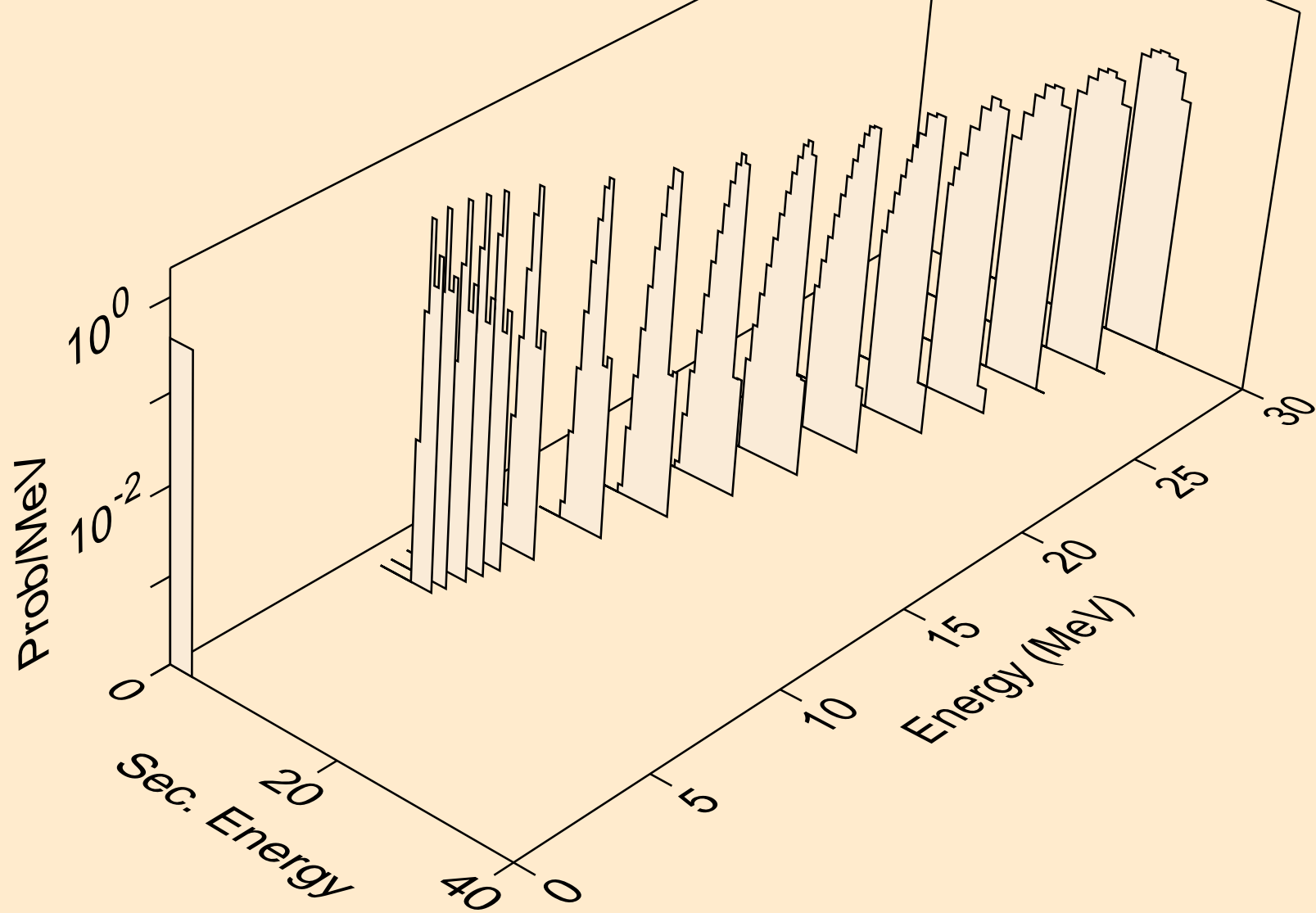
BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



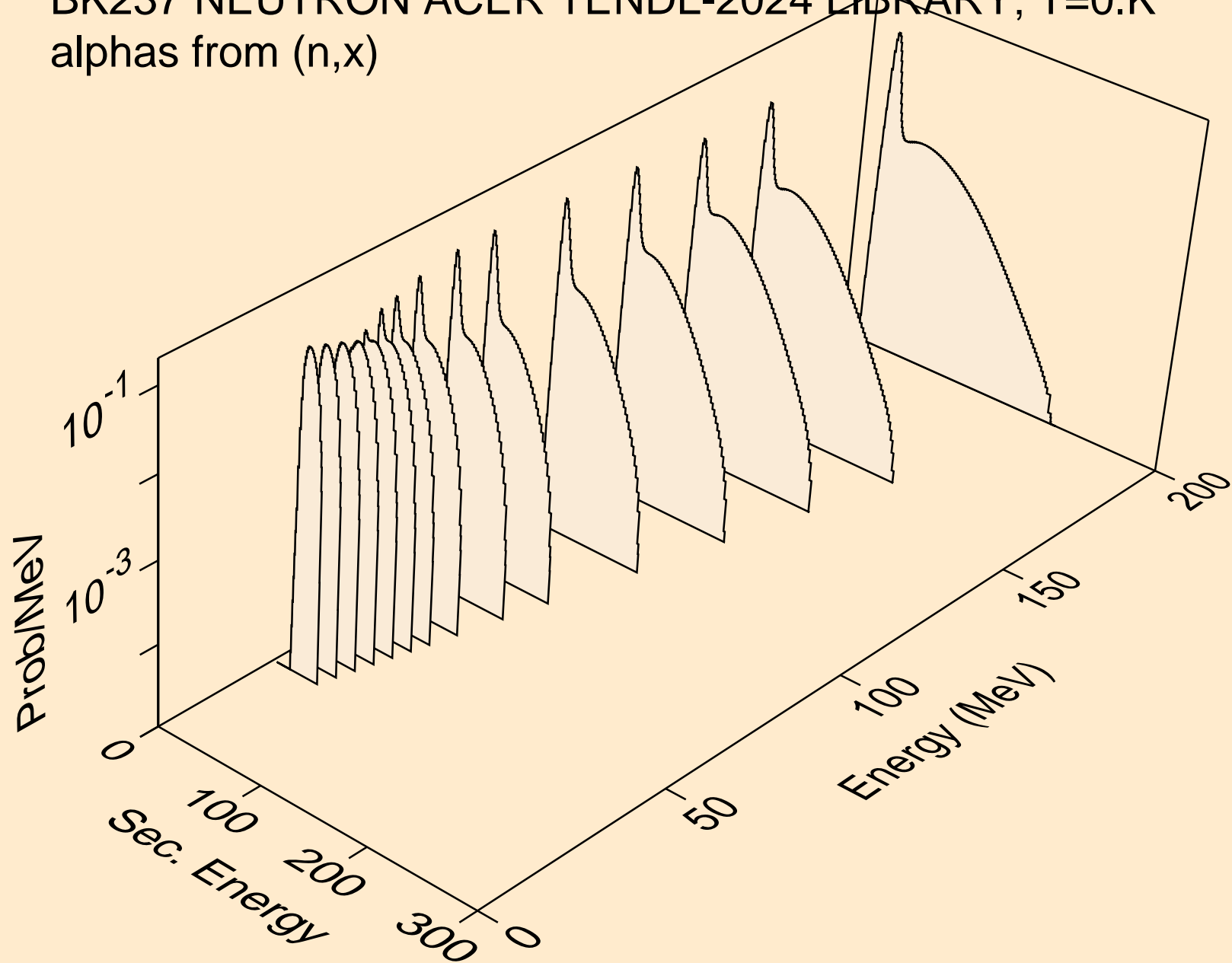
BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)

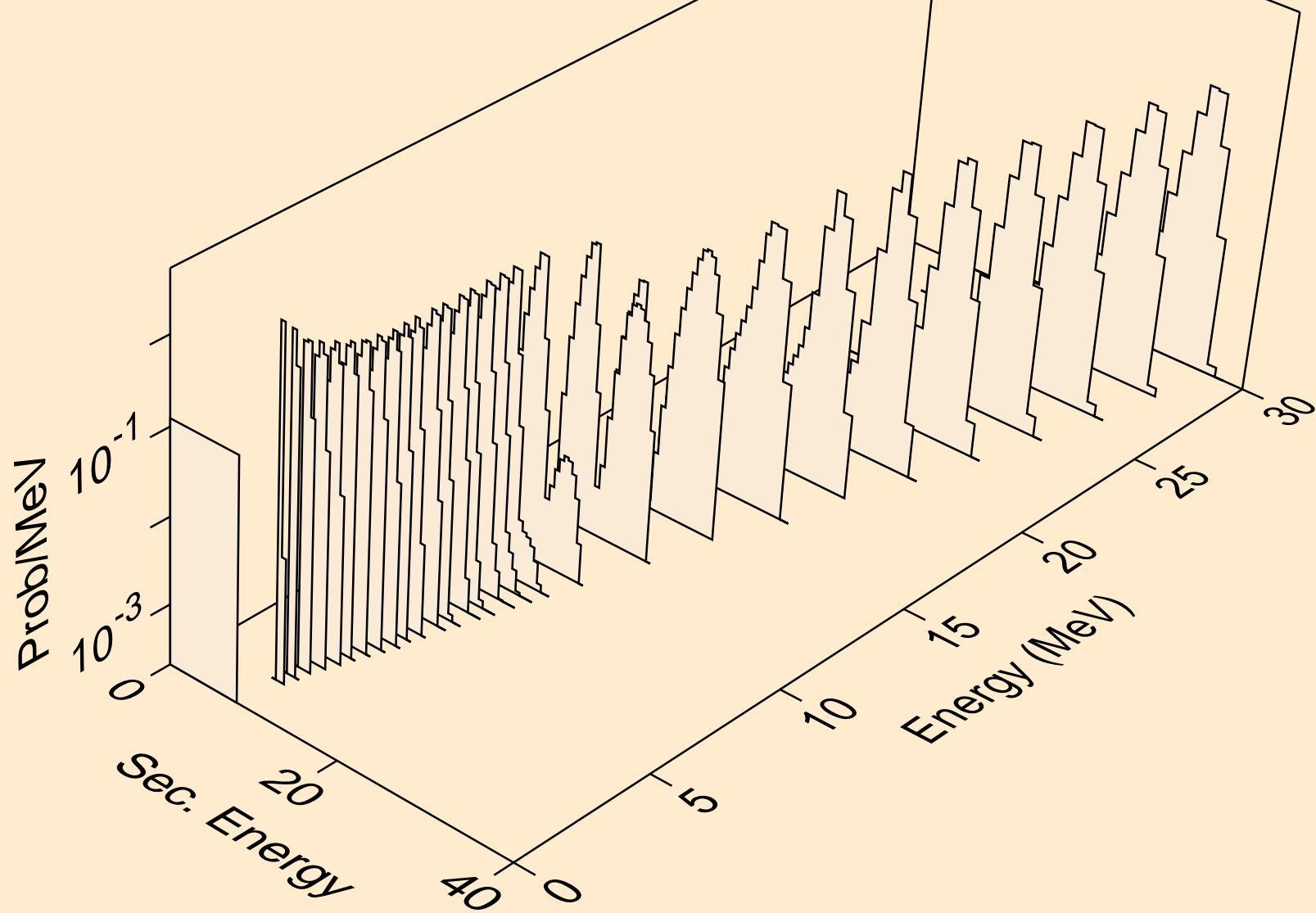


BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)

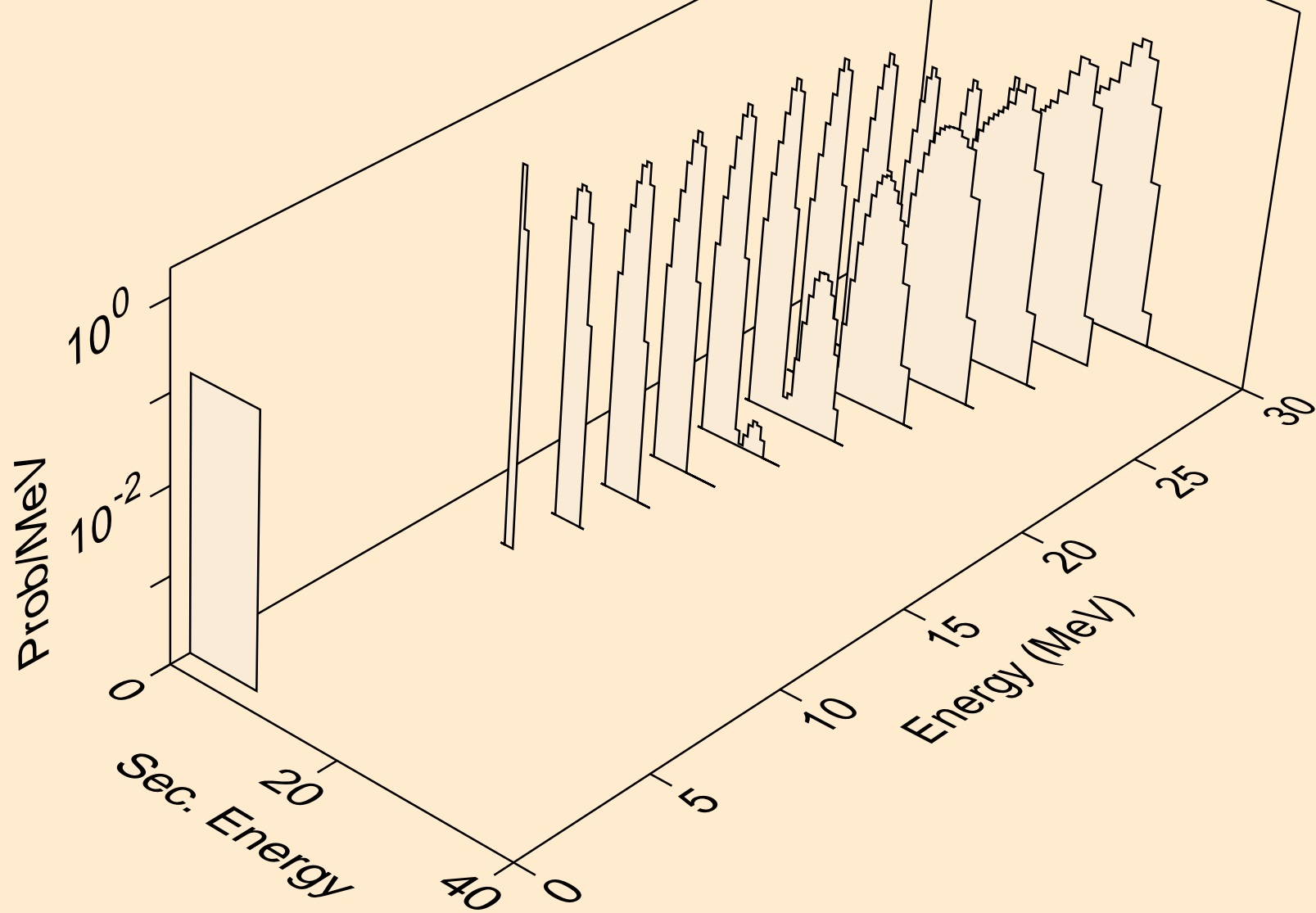




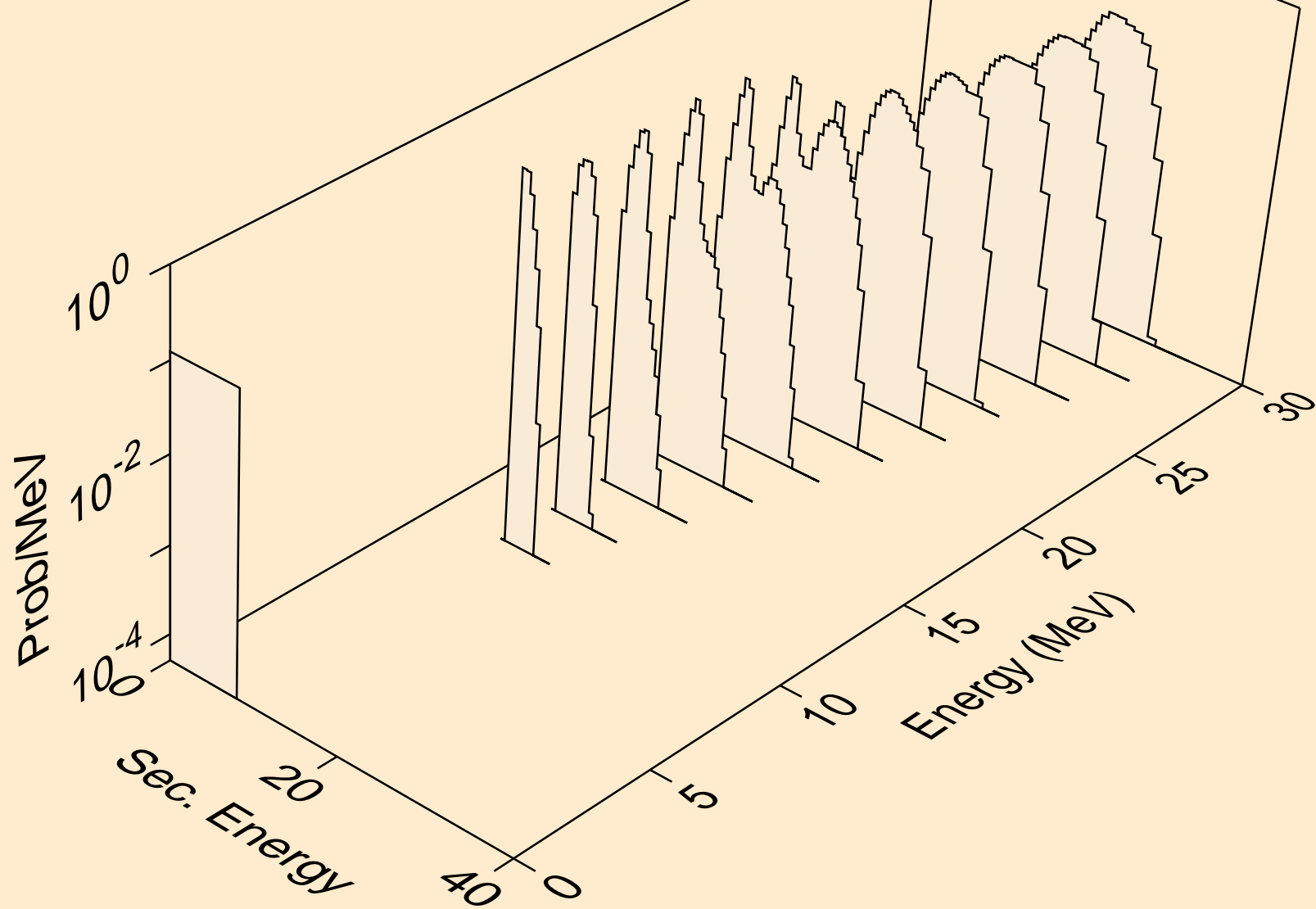
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alphas from (n,n\*)a



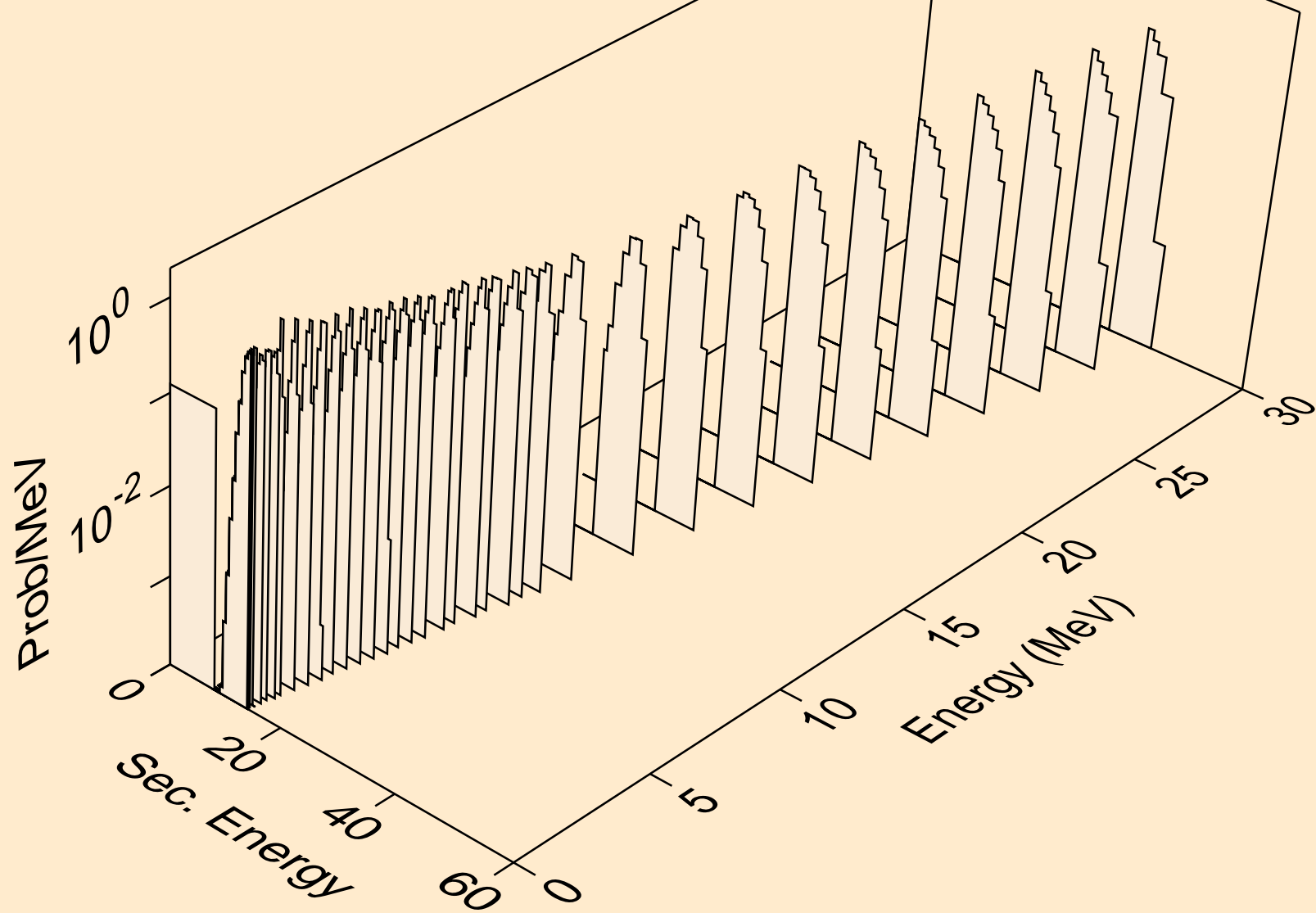
BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



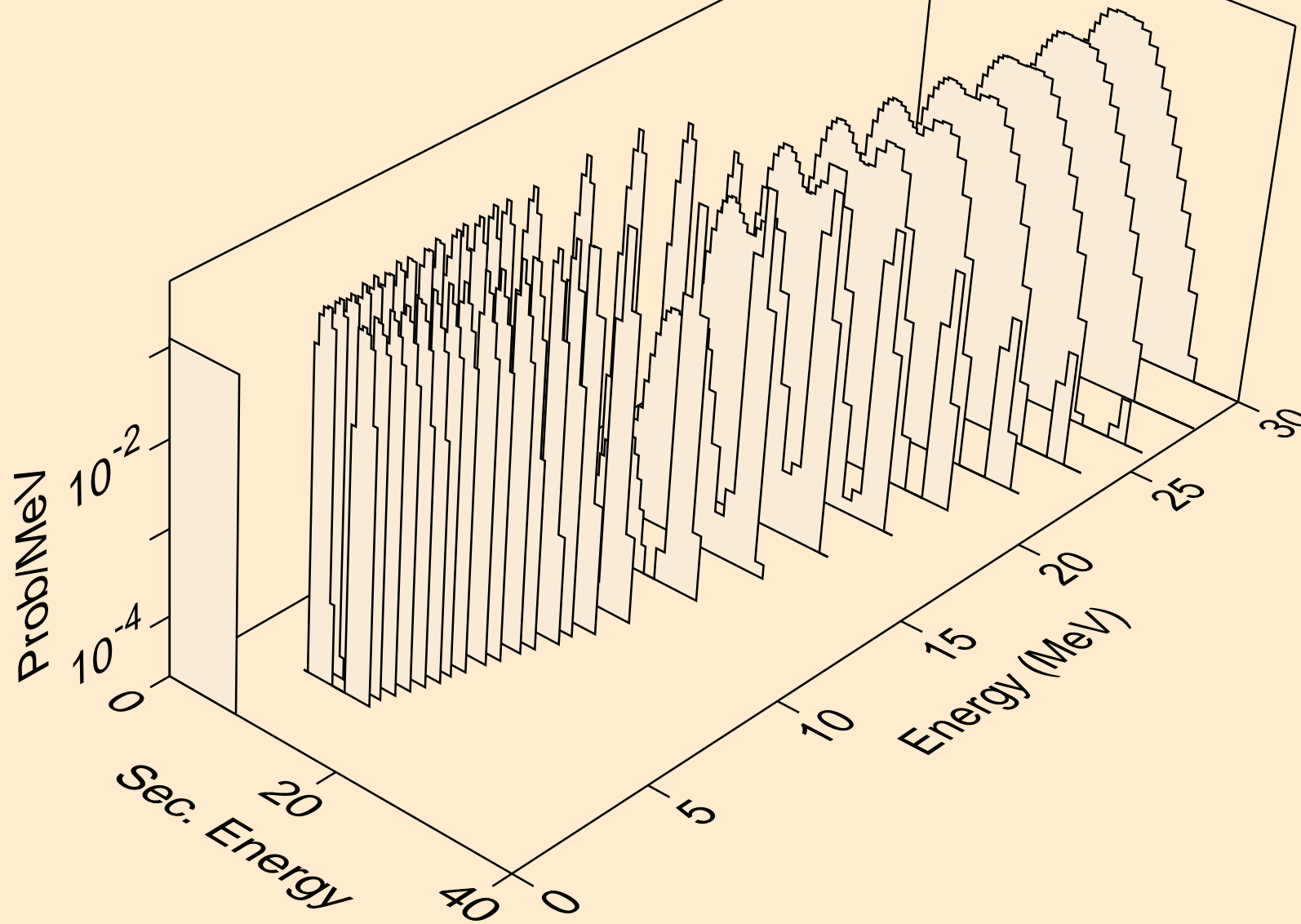
BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)



BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



BK237 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)

