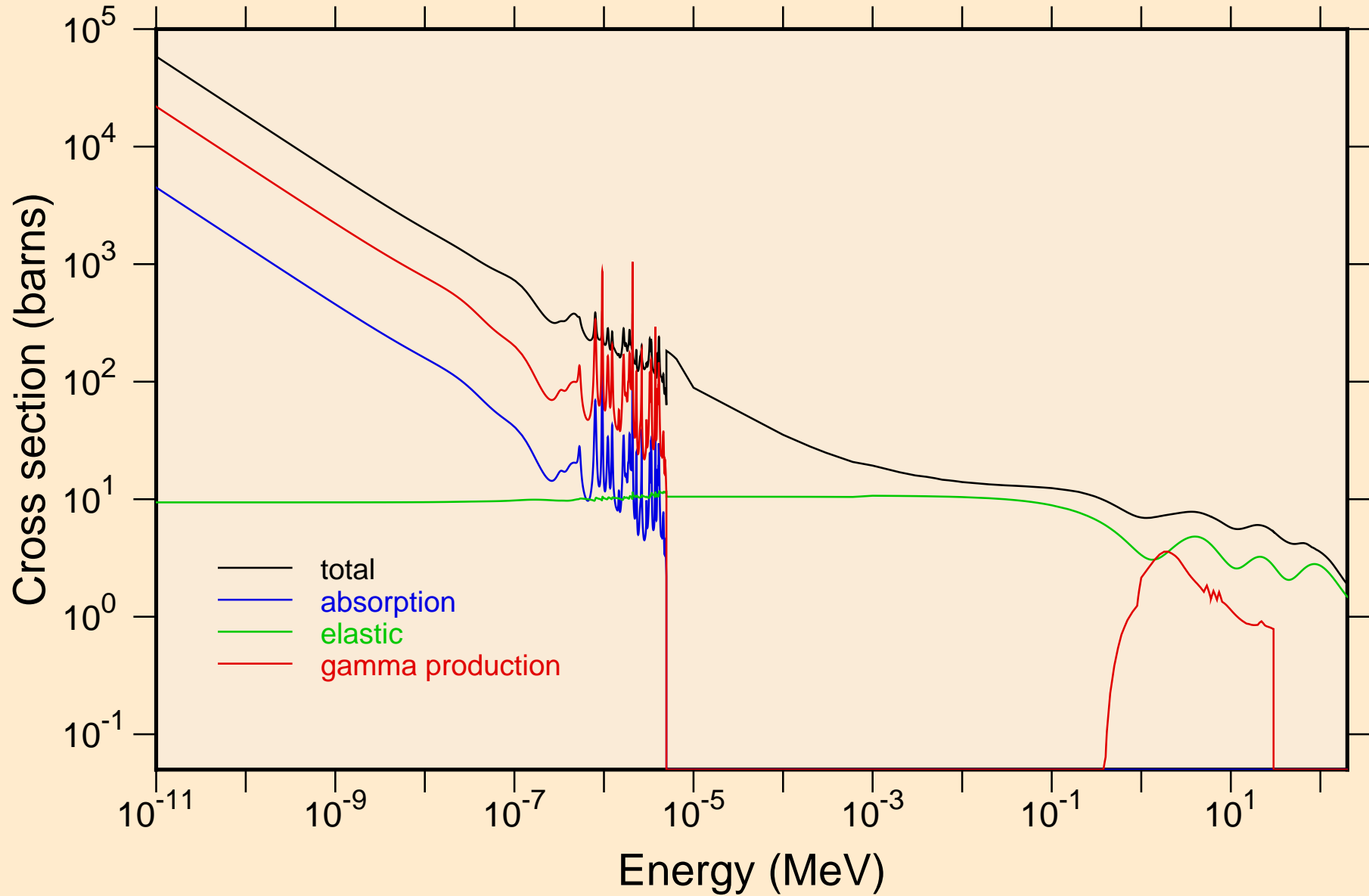
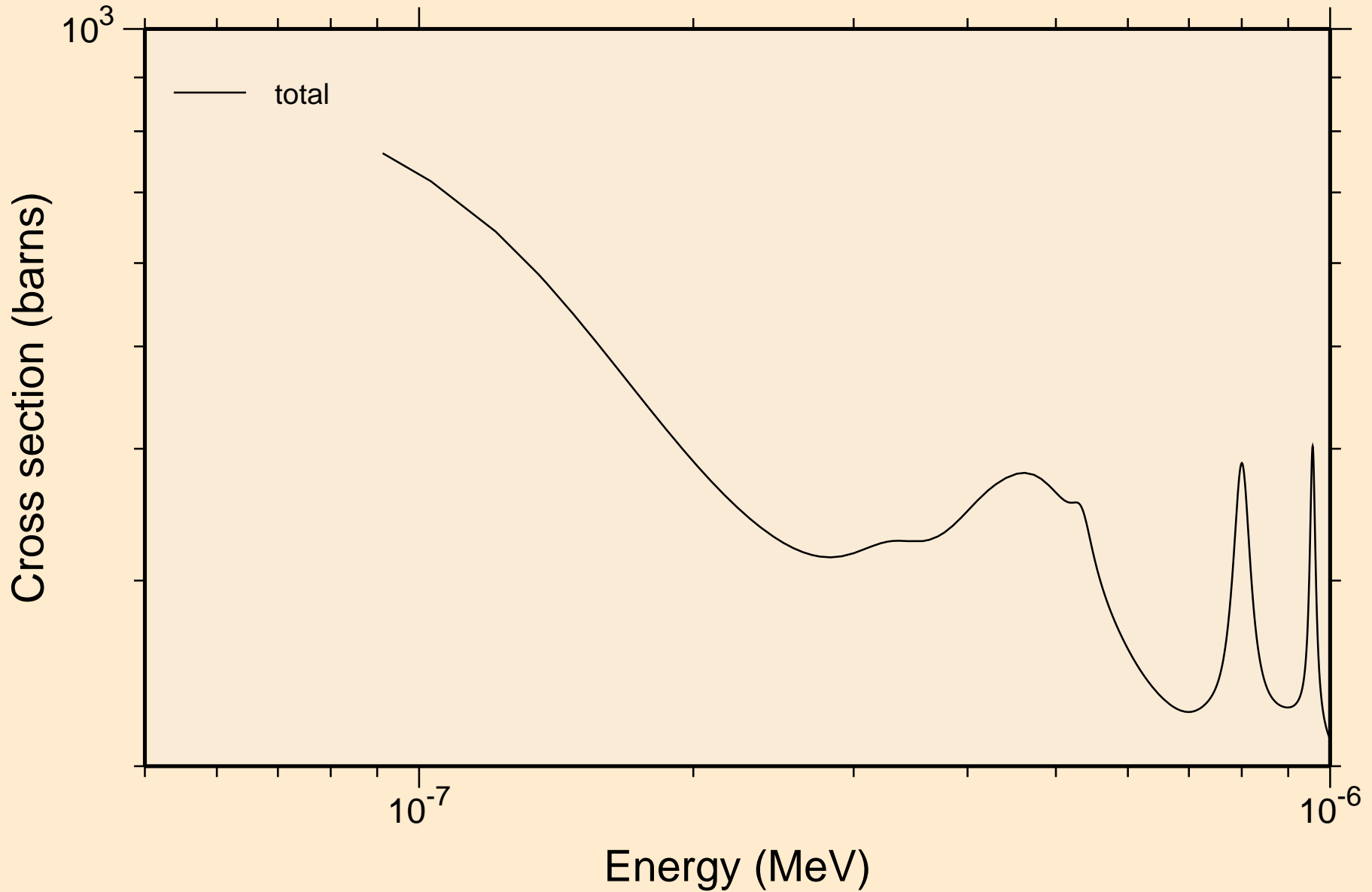


# BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

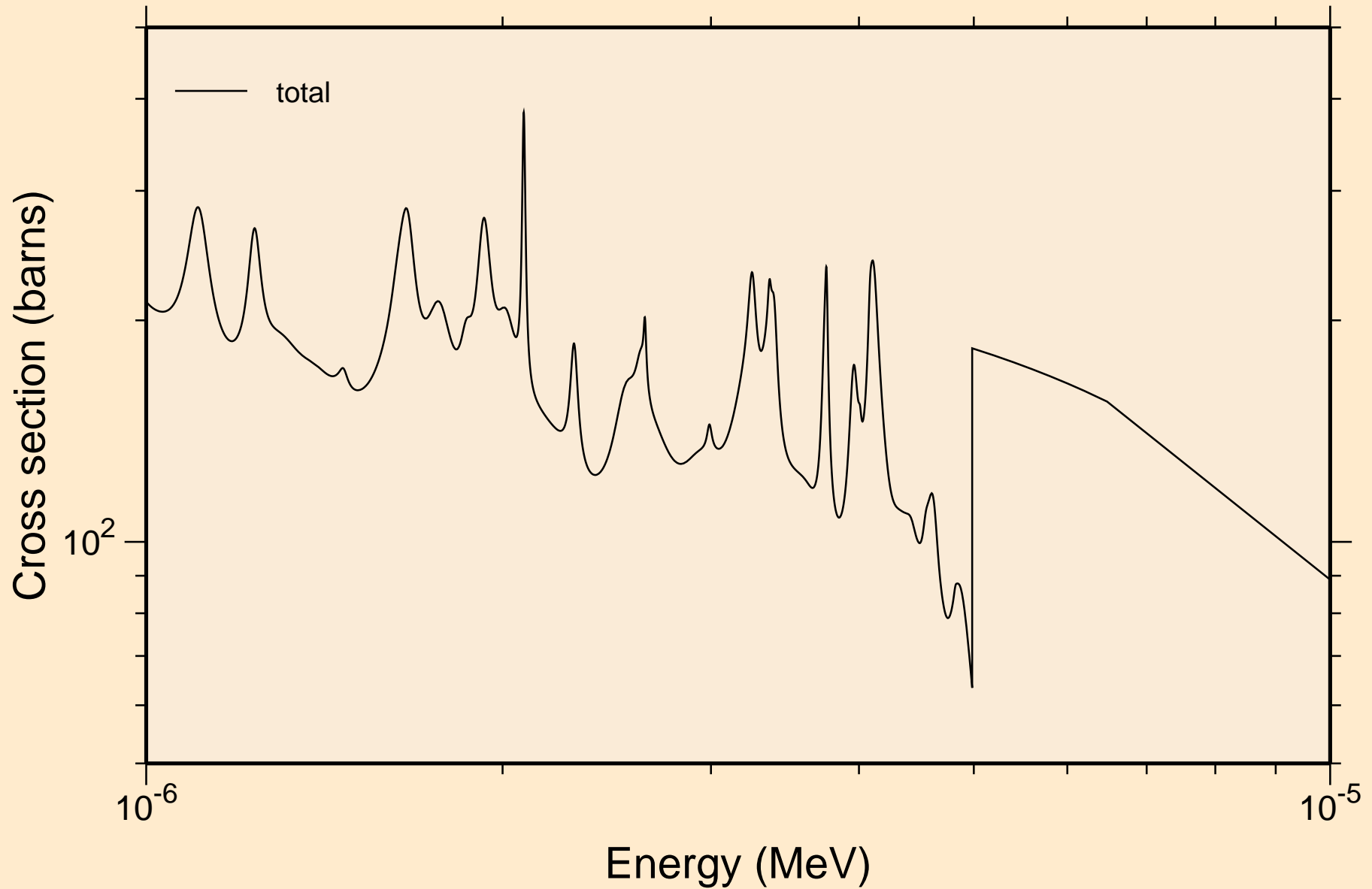
## Principal cross sections



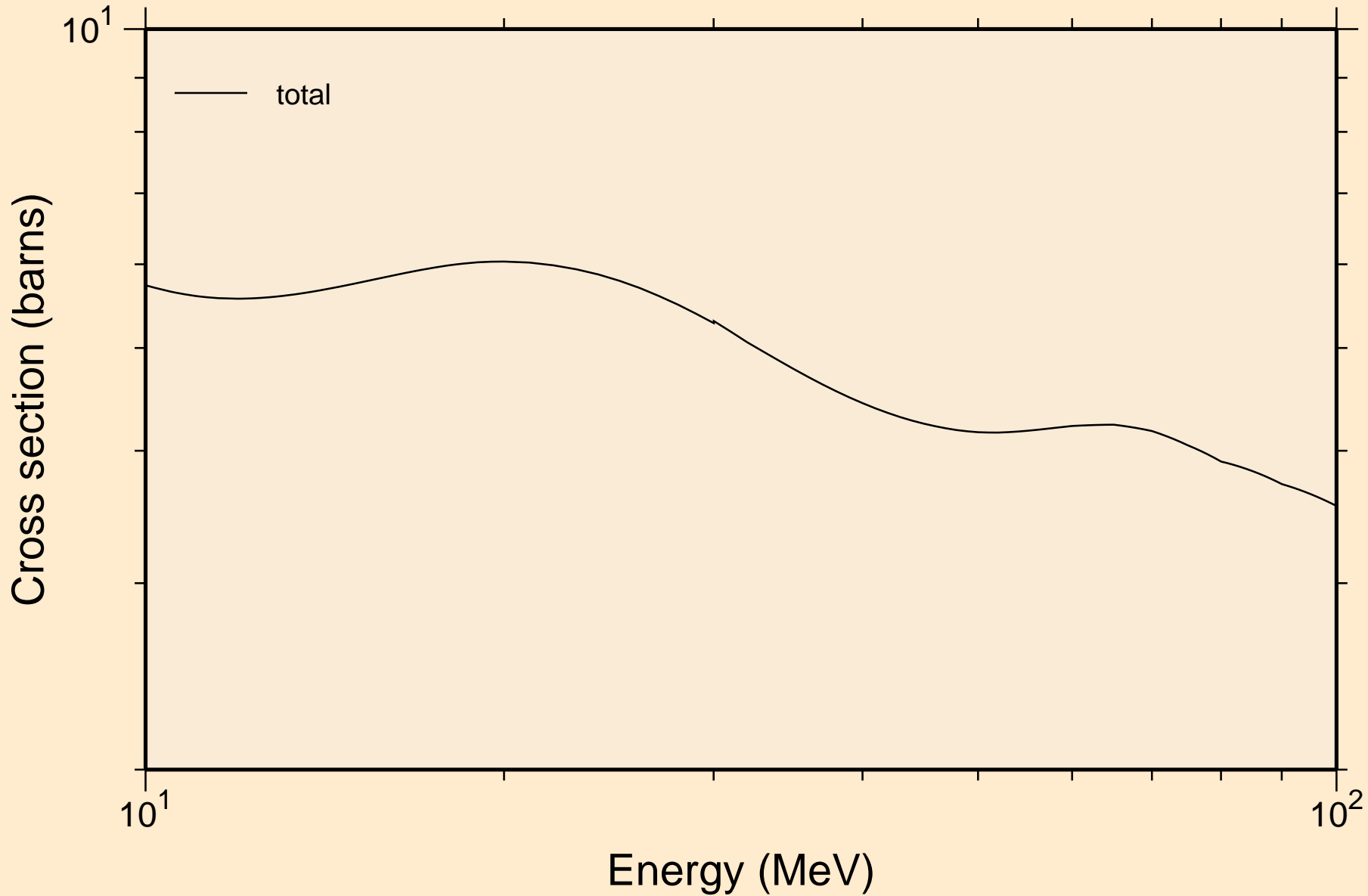
BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



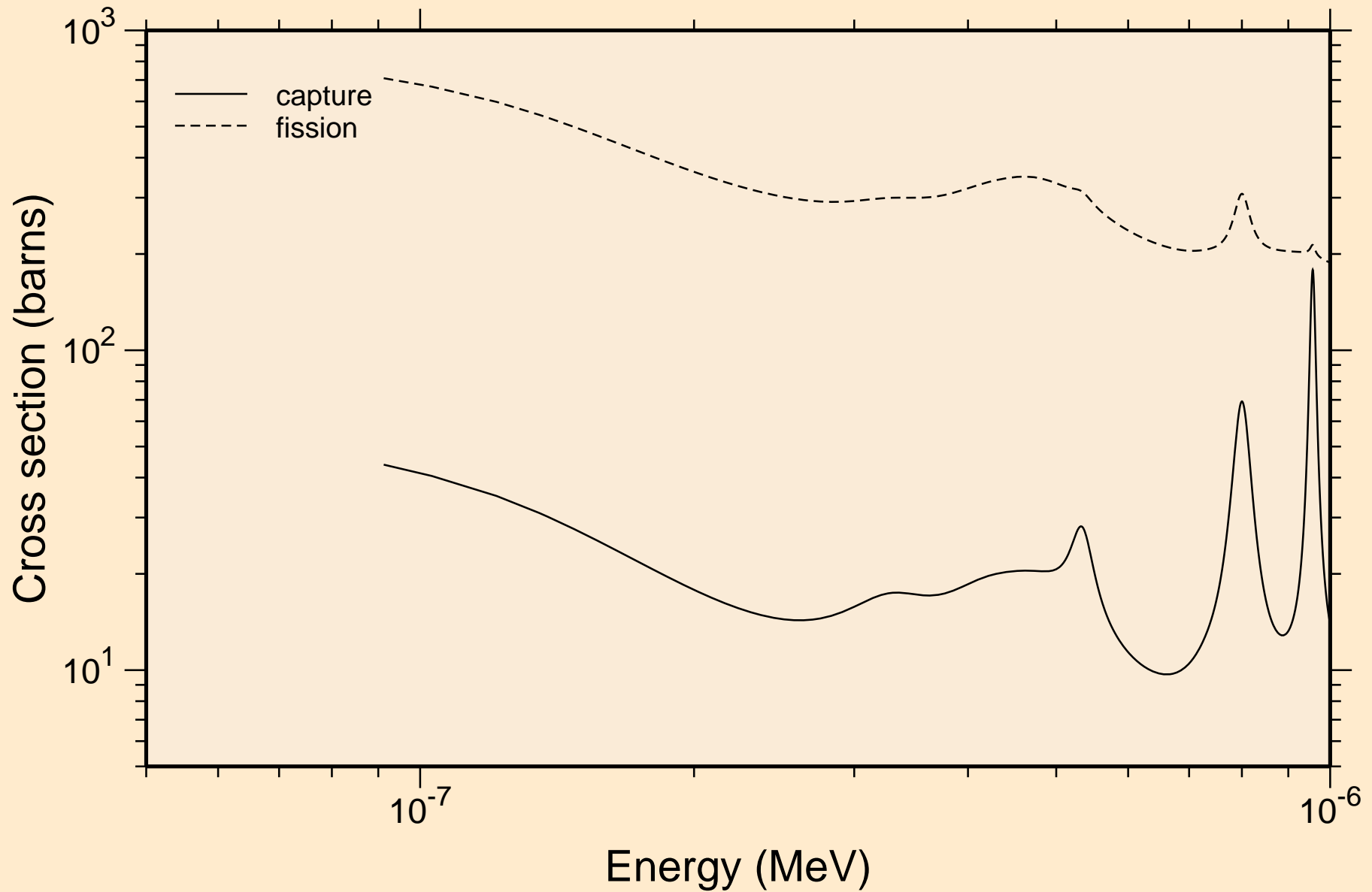
BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



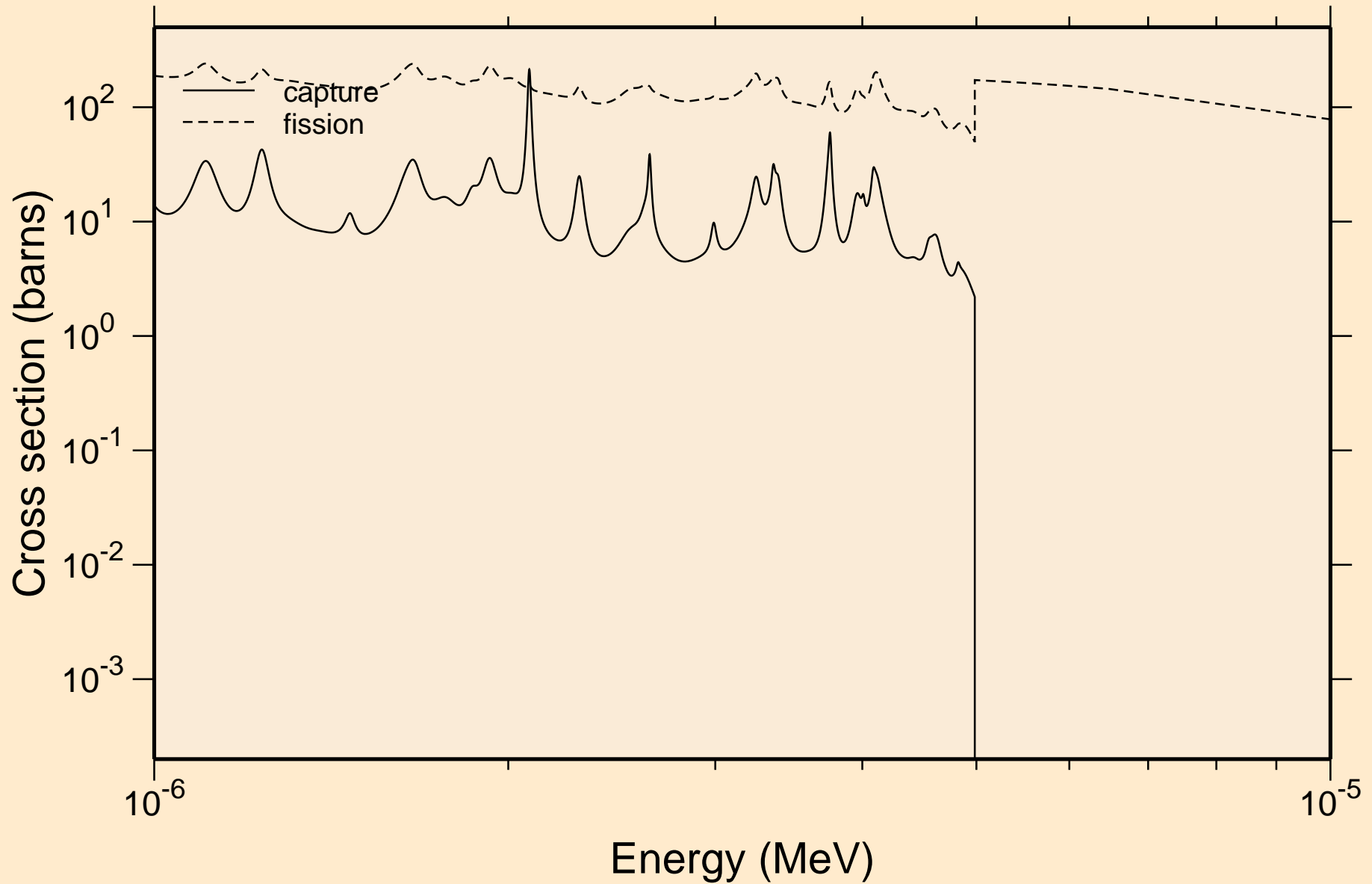
BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



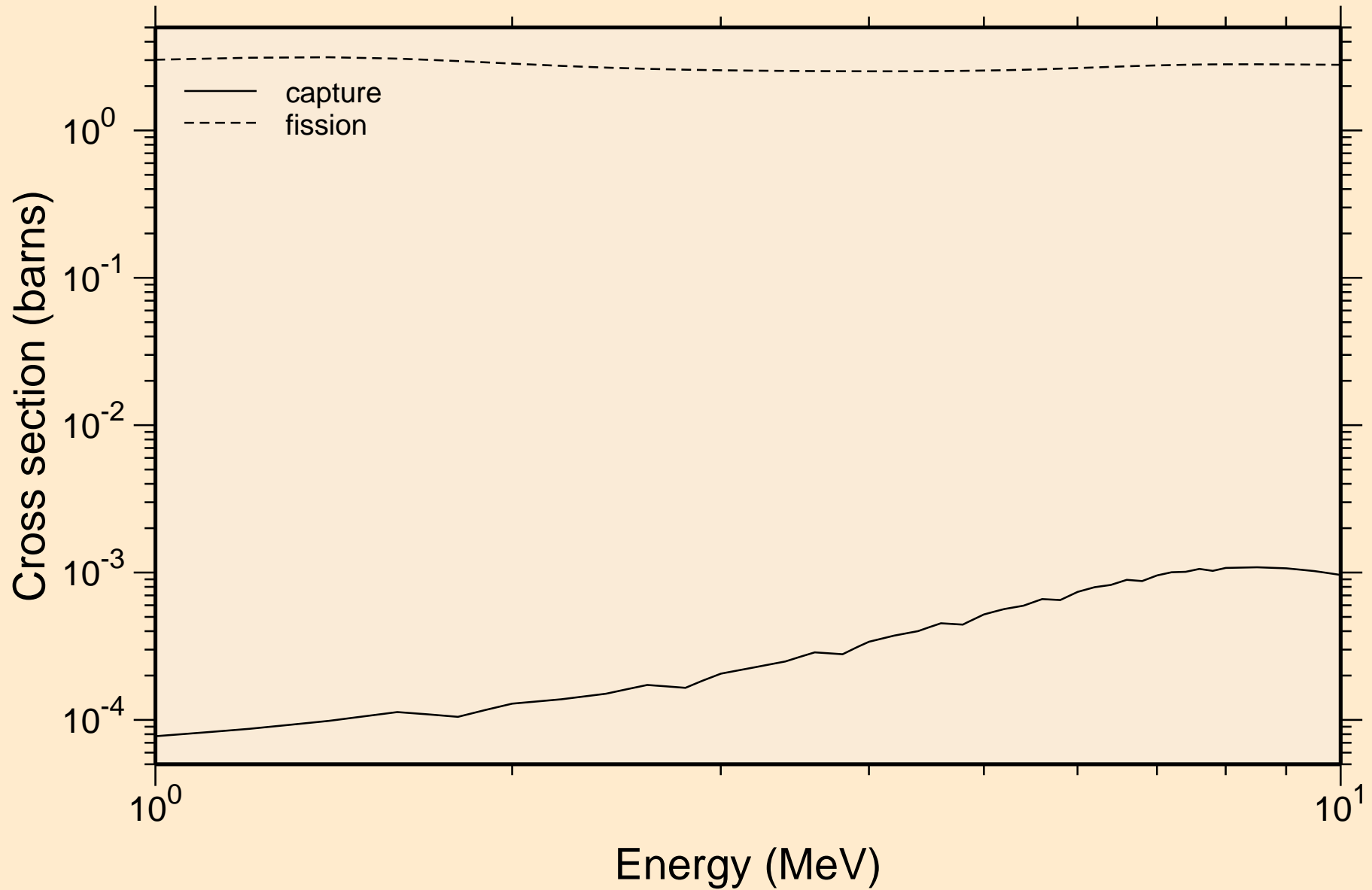
BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

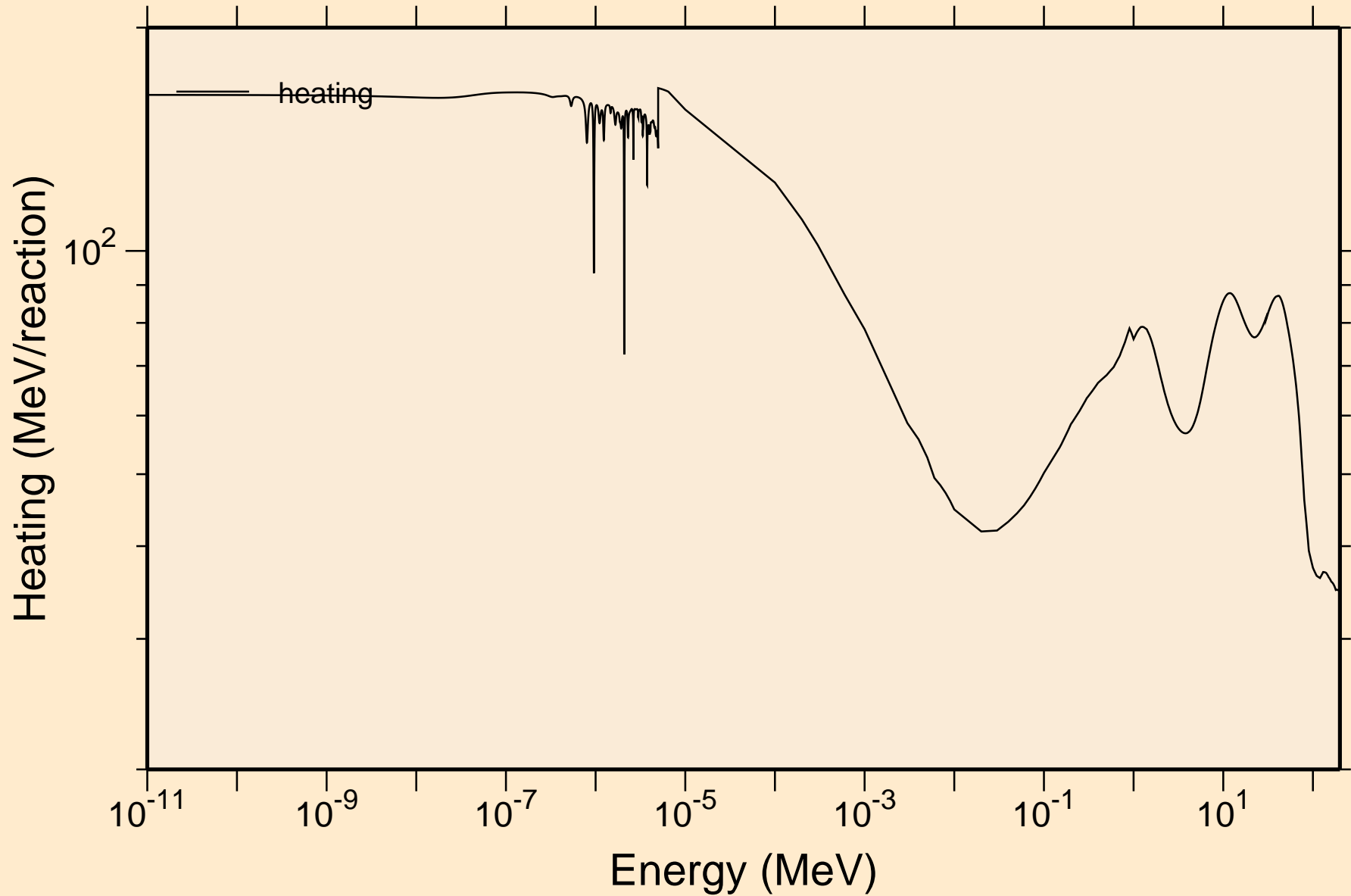


BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



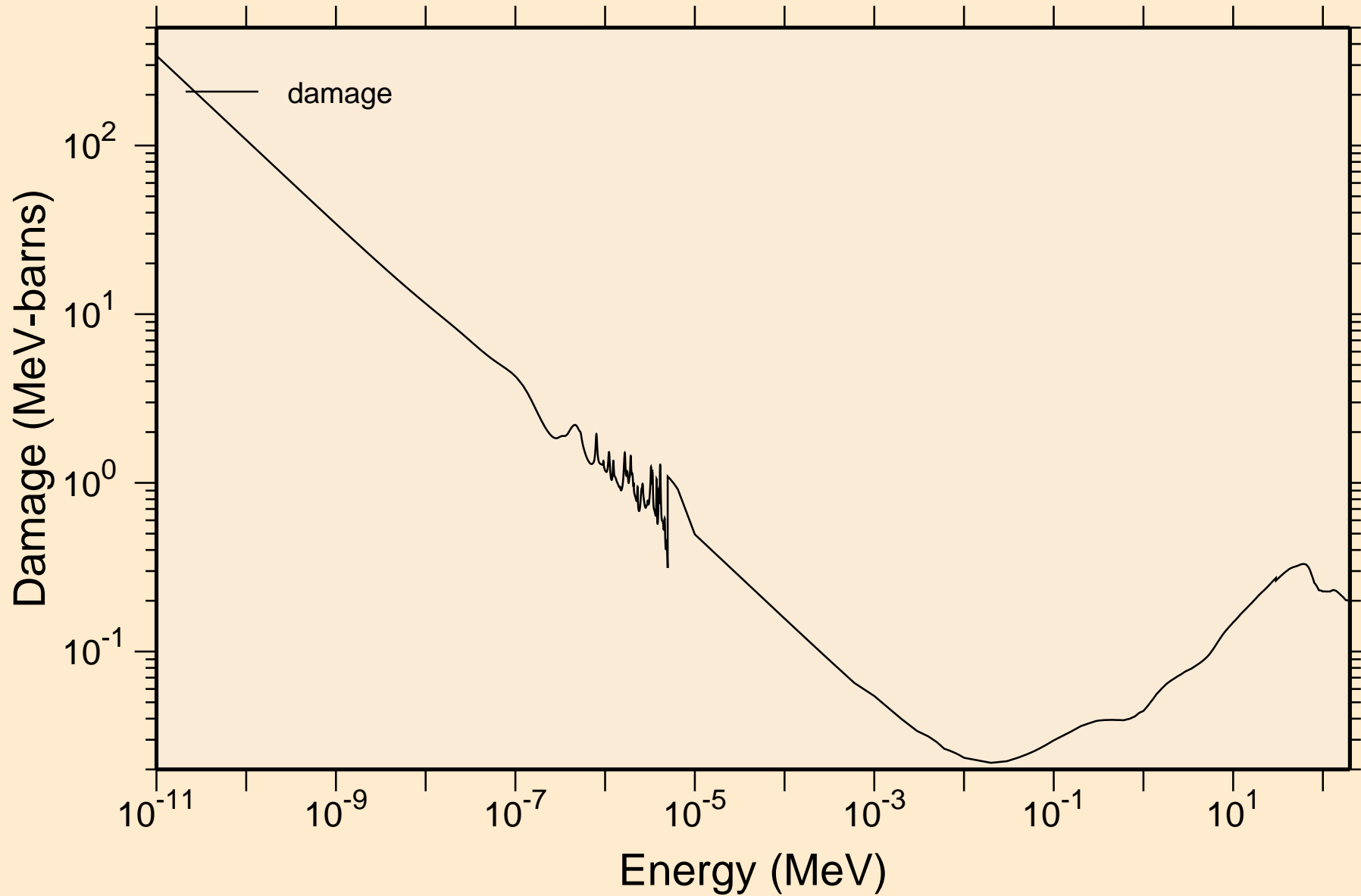
# BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



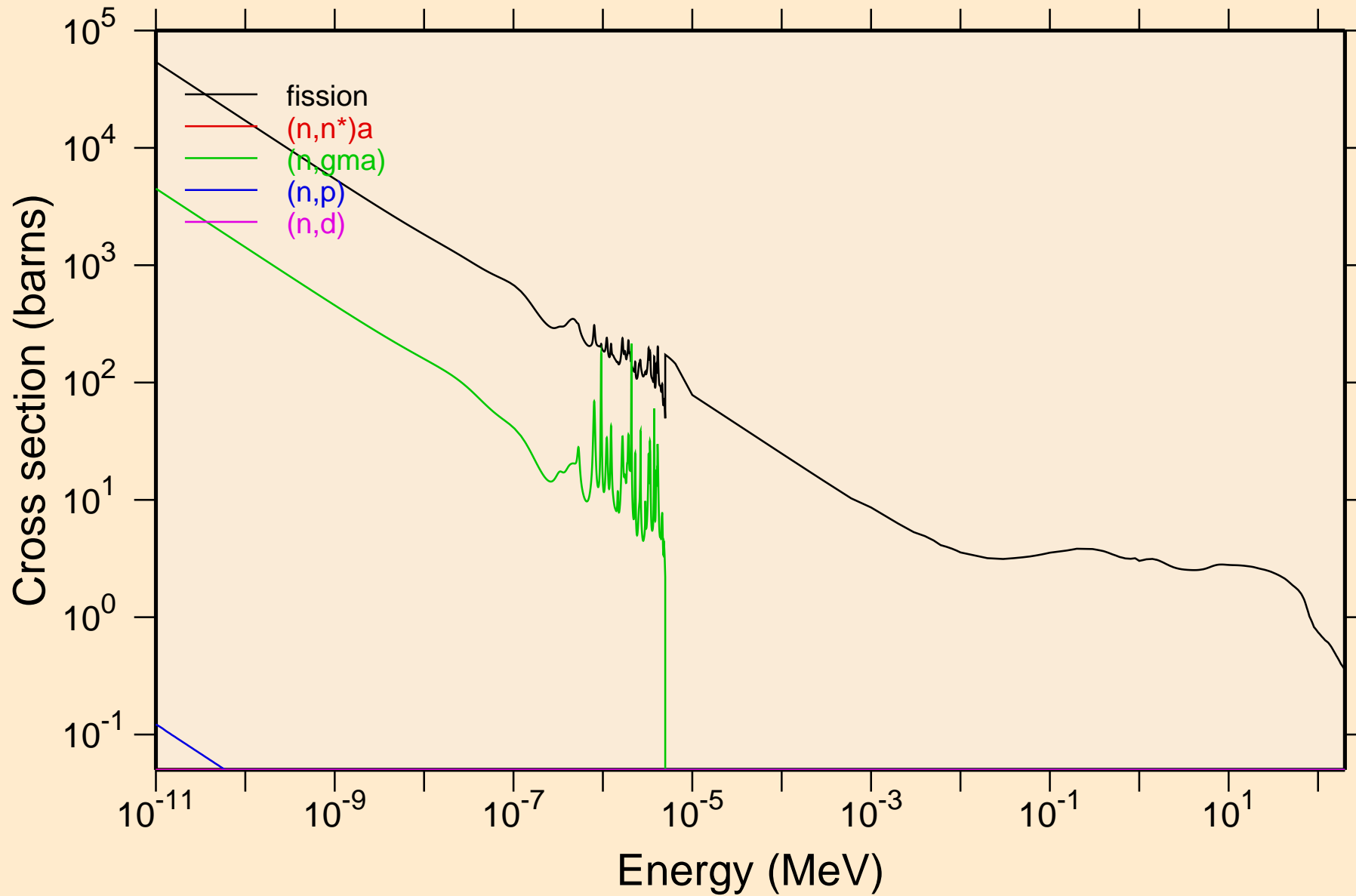


BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage

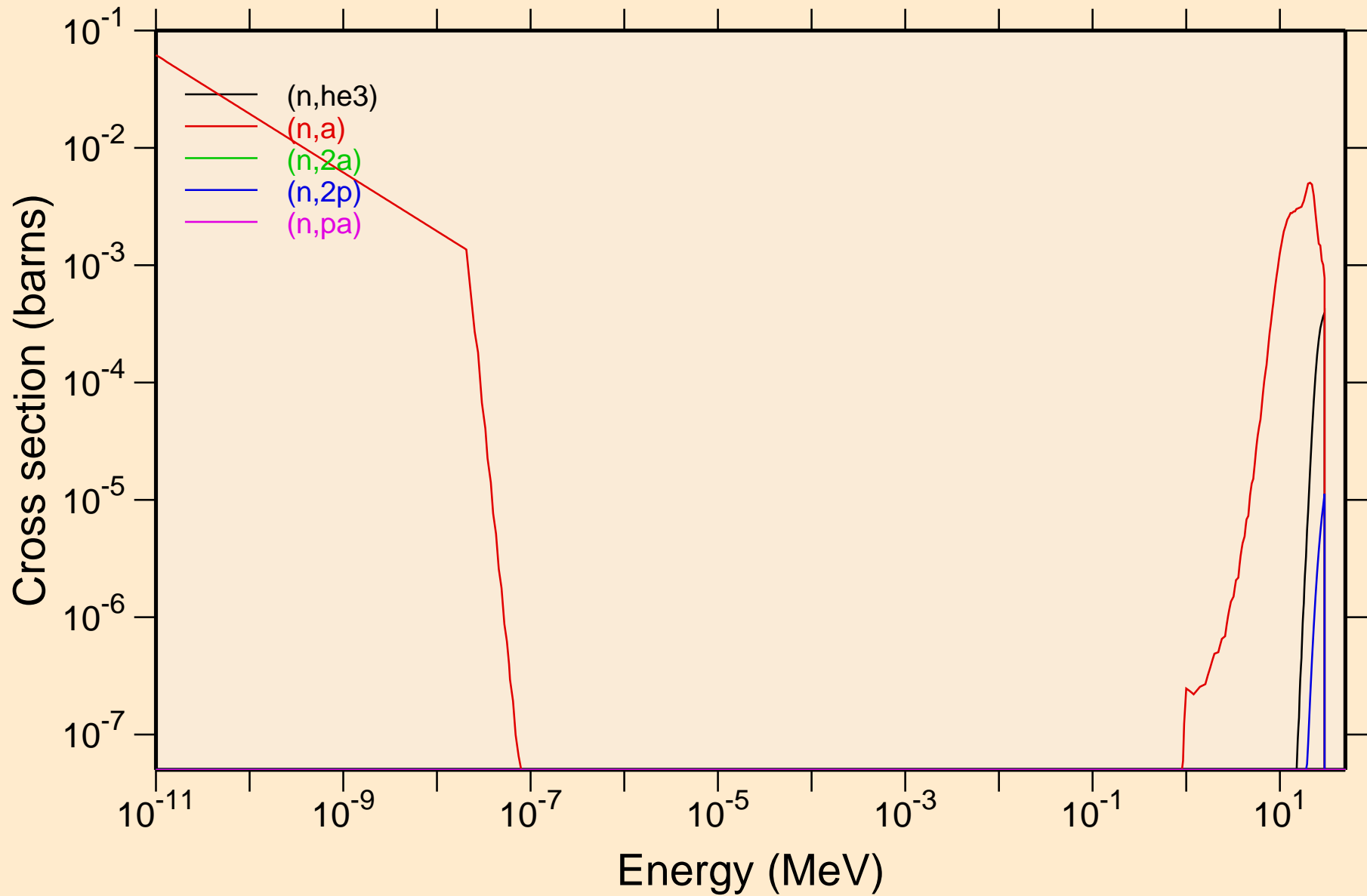


# BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

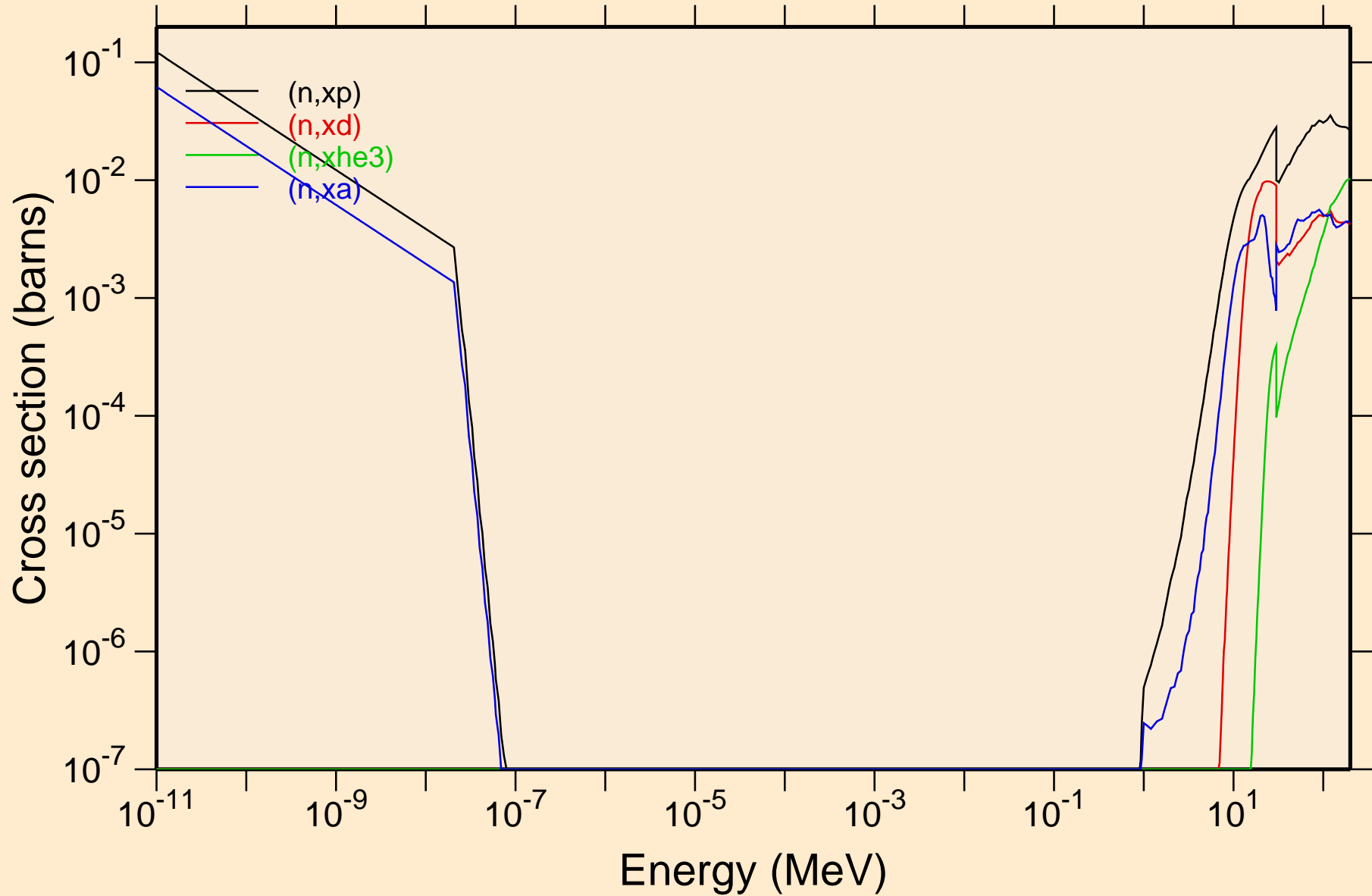
## Non-threshold reactions



BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

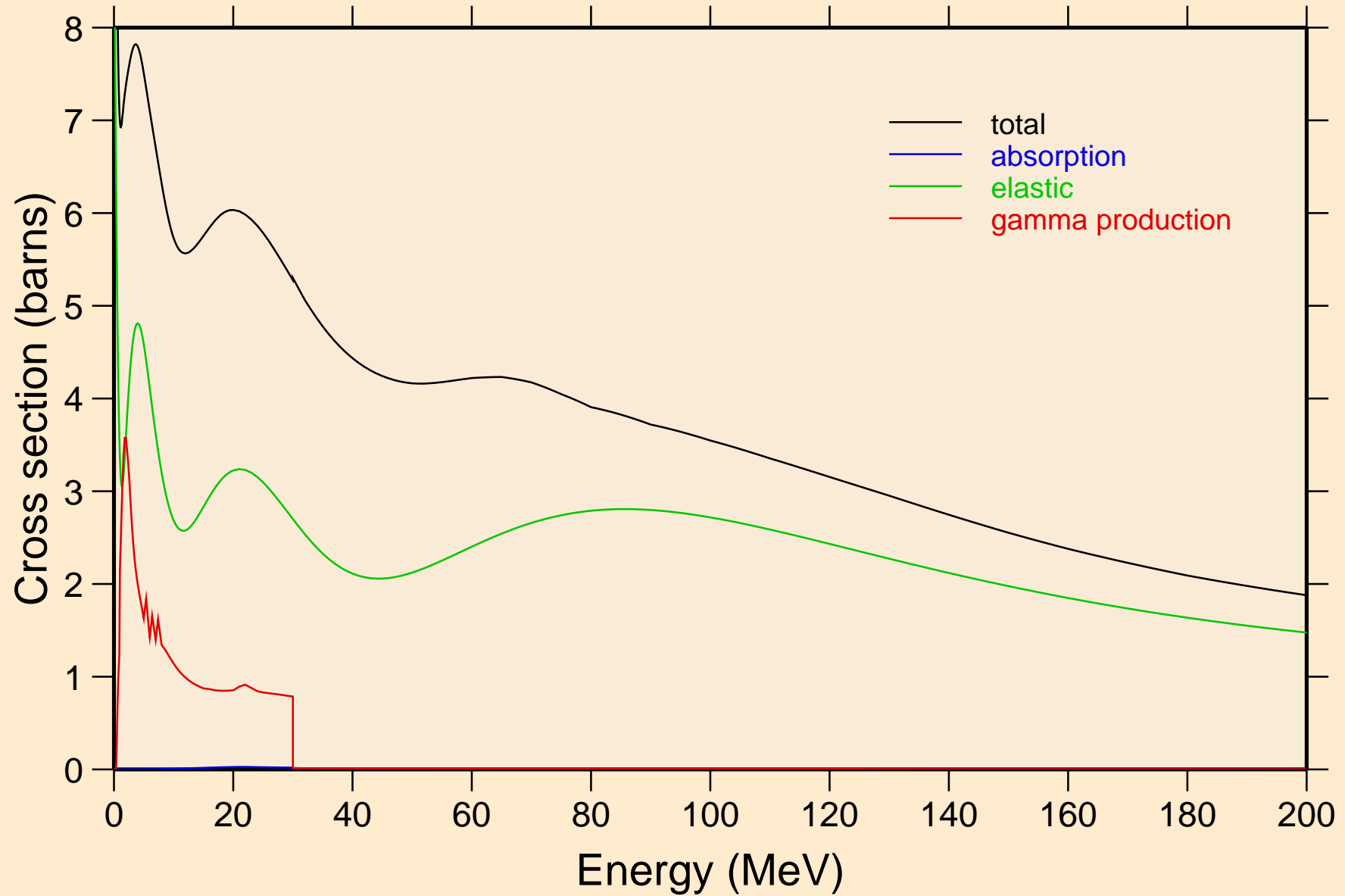


BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



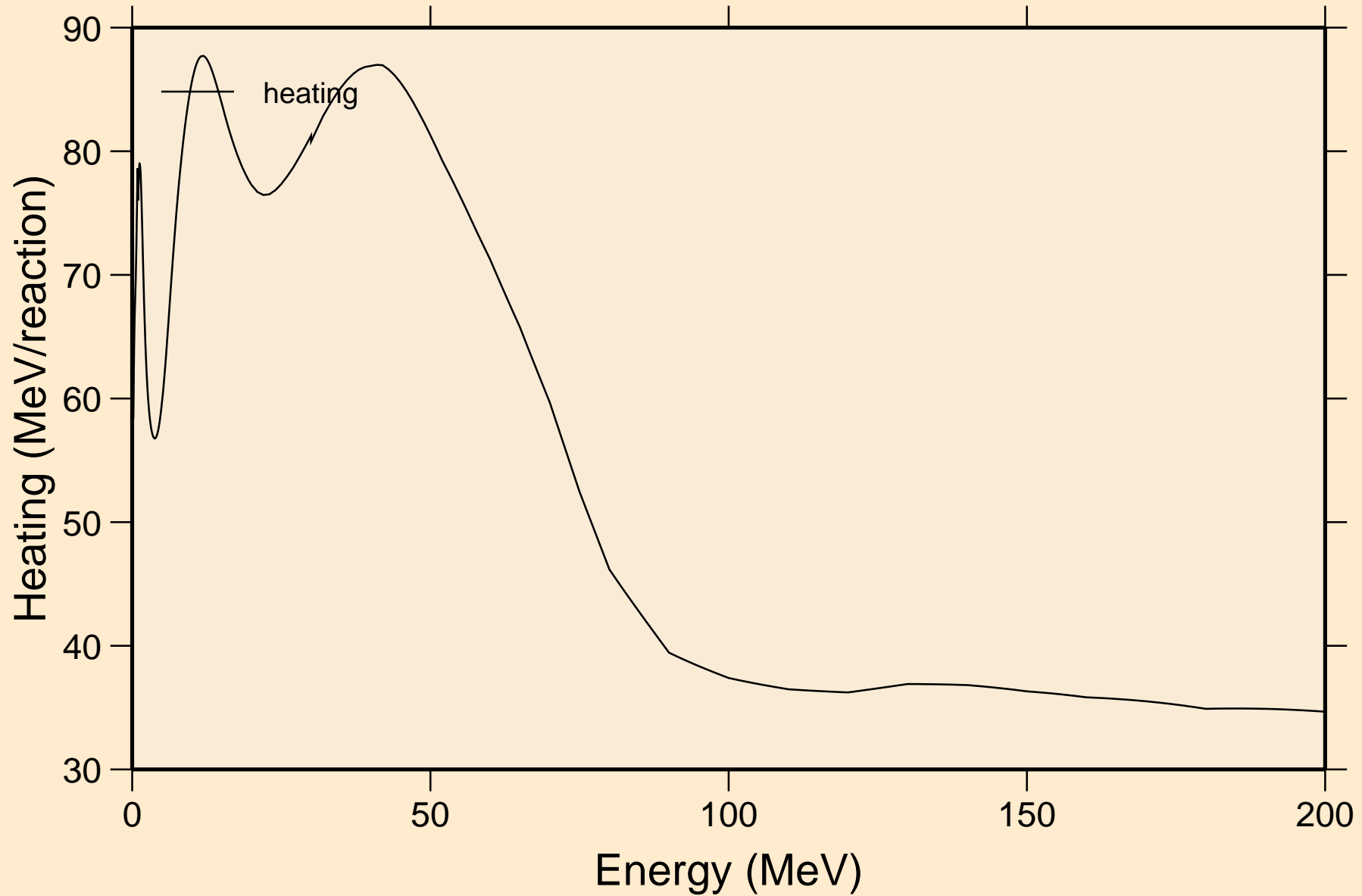
# BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



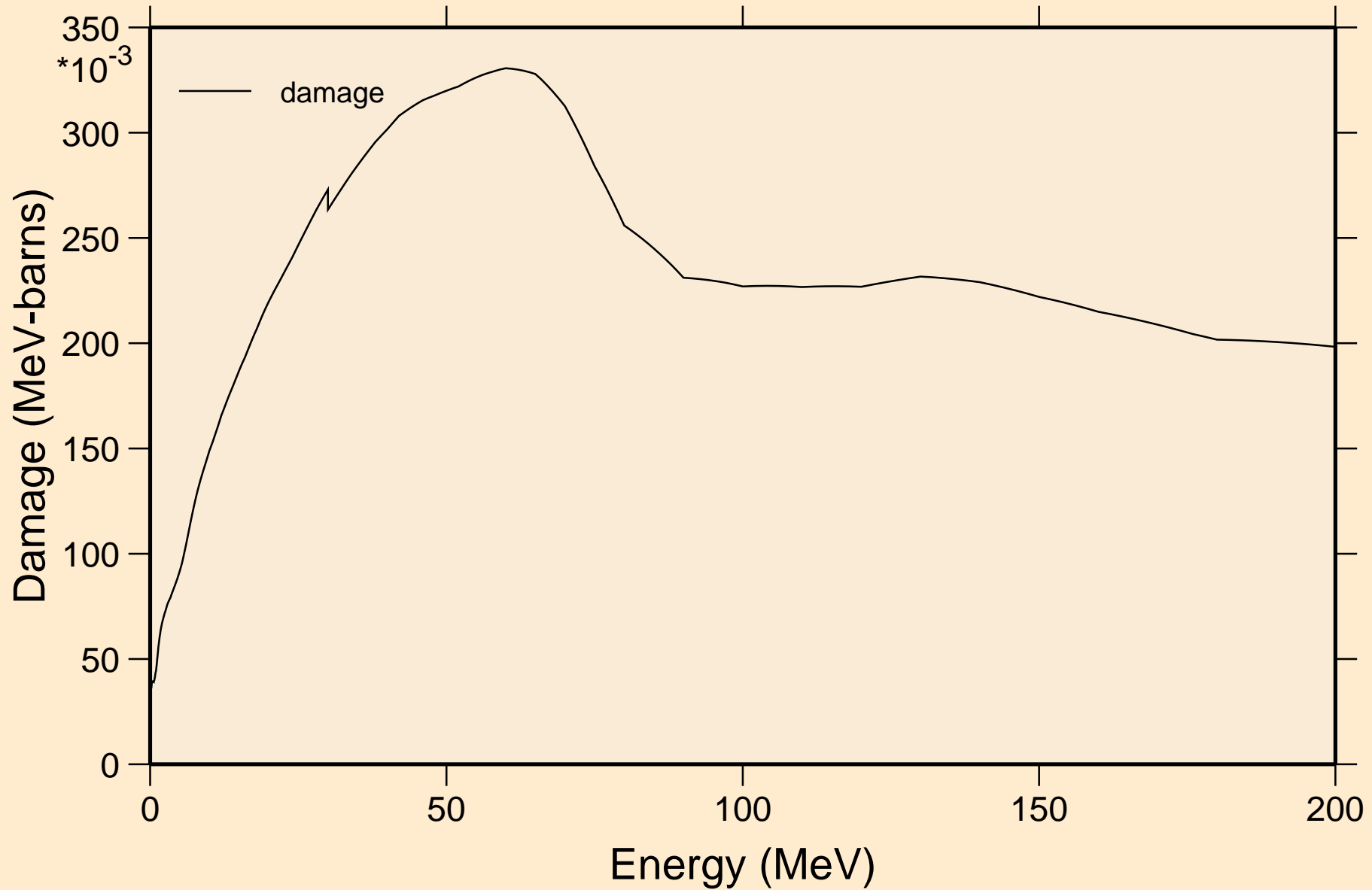
# BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



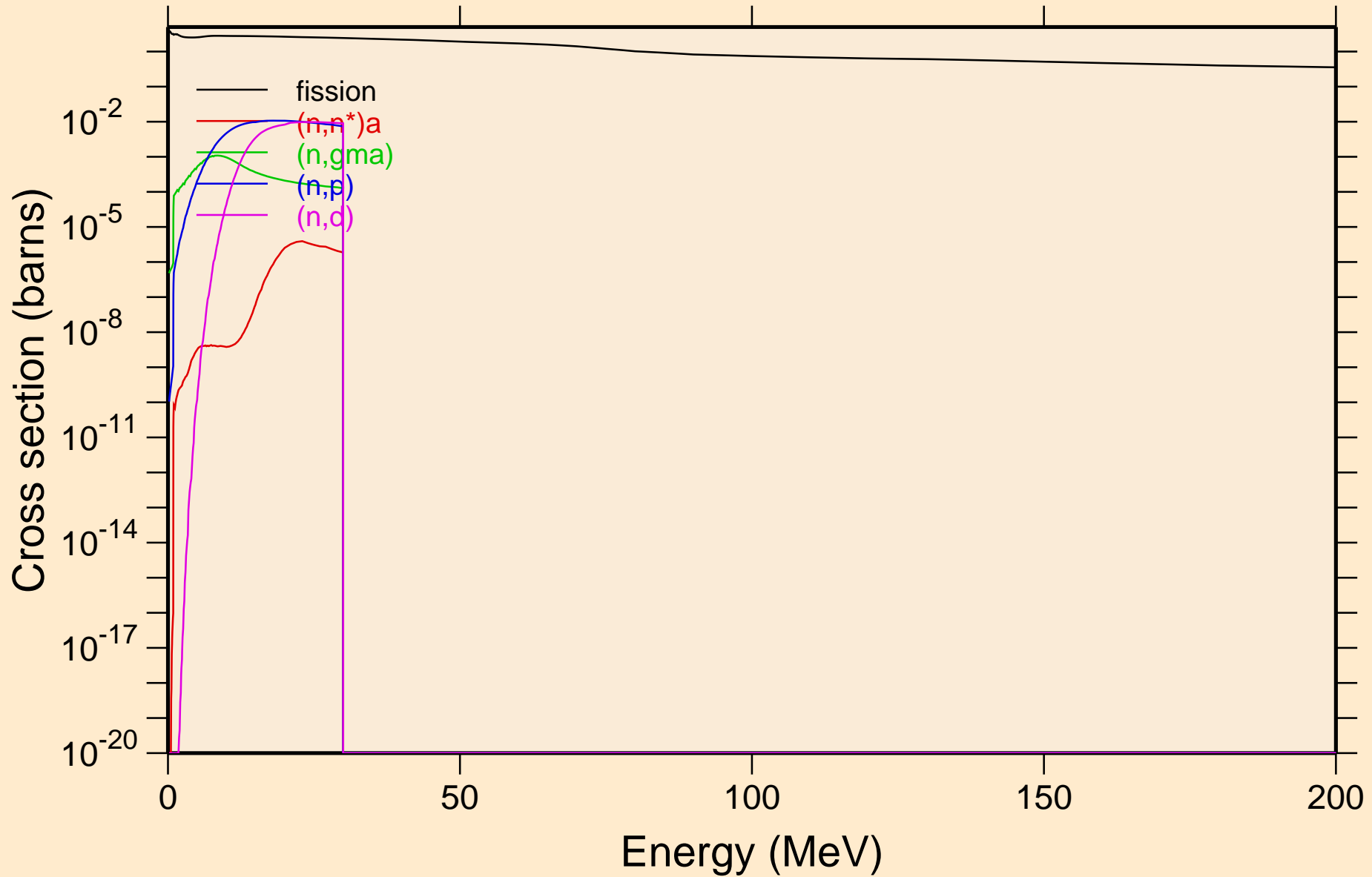
# BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Damage



# BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

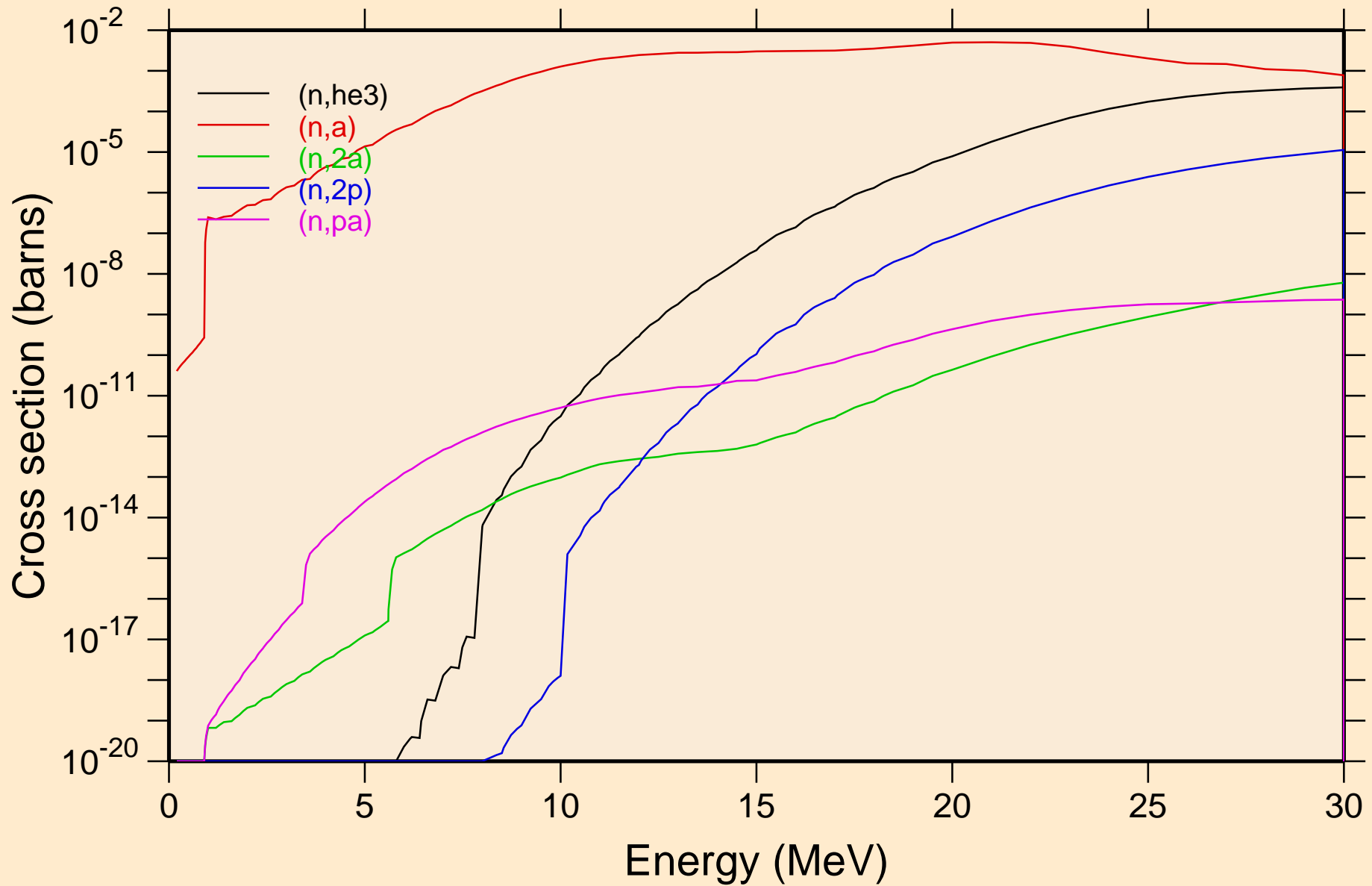
## Non-threshold reactions



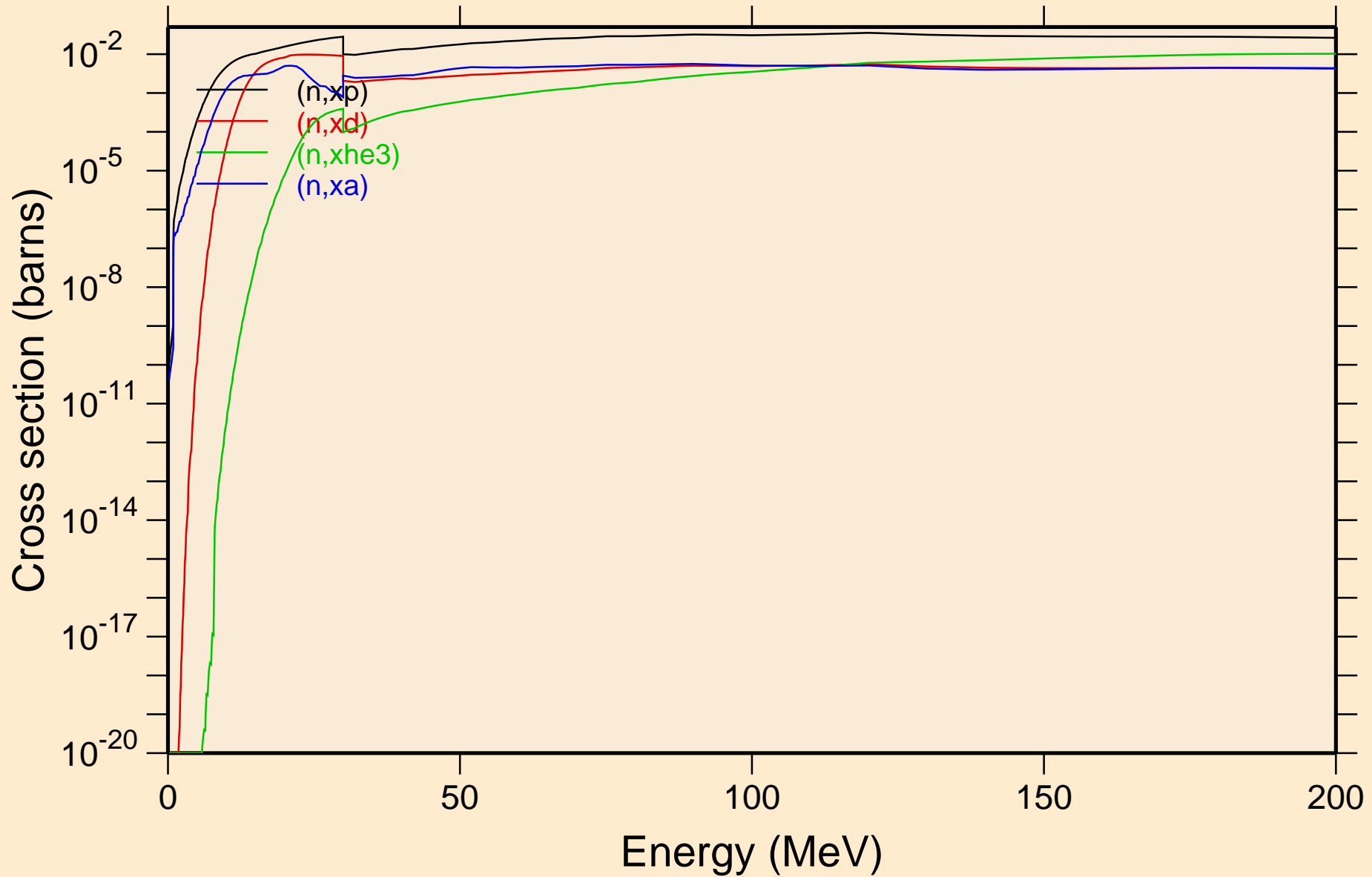


# BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

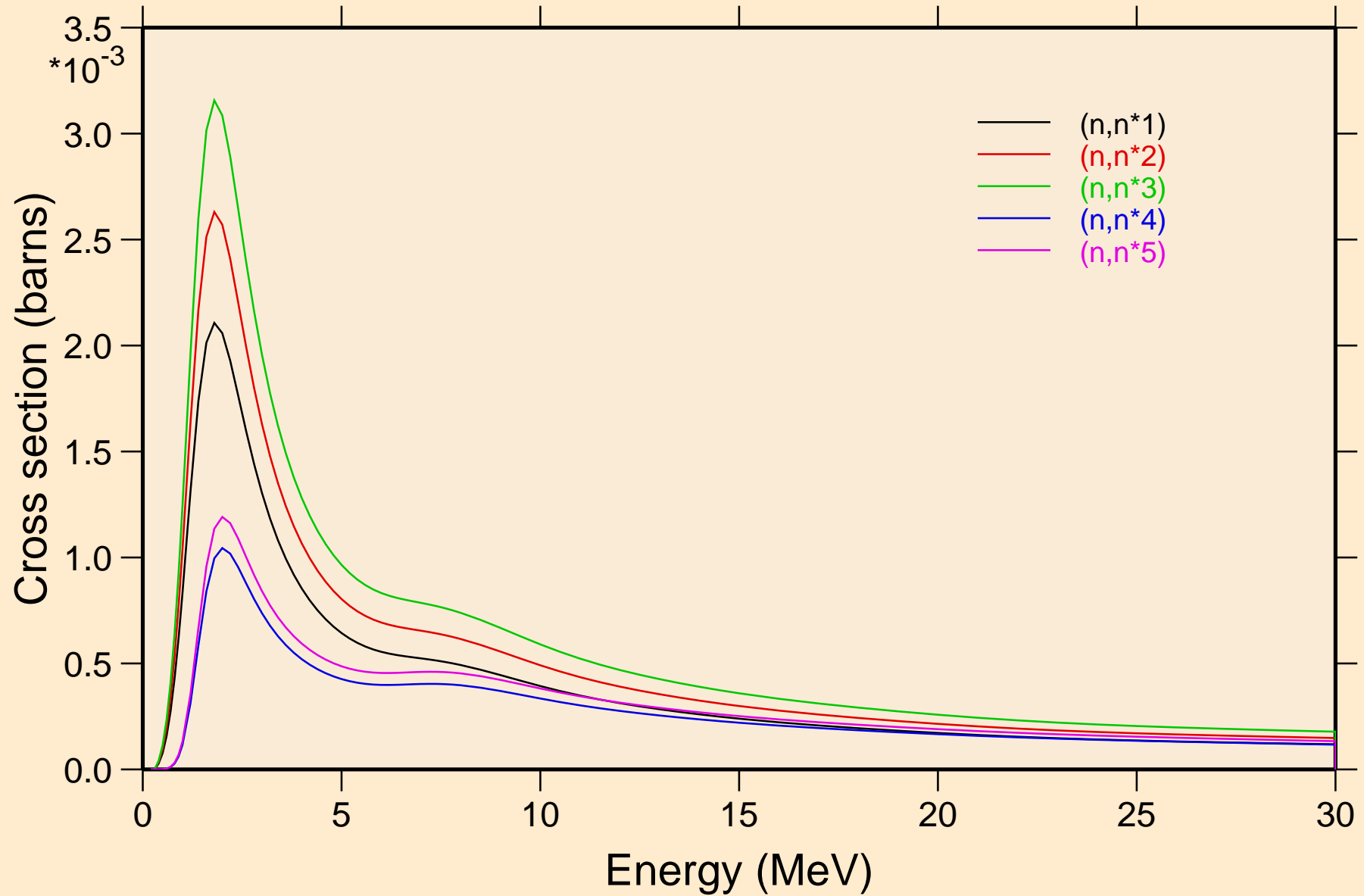
## Non-threshold reactions



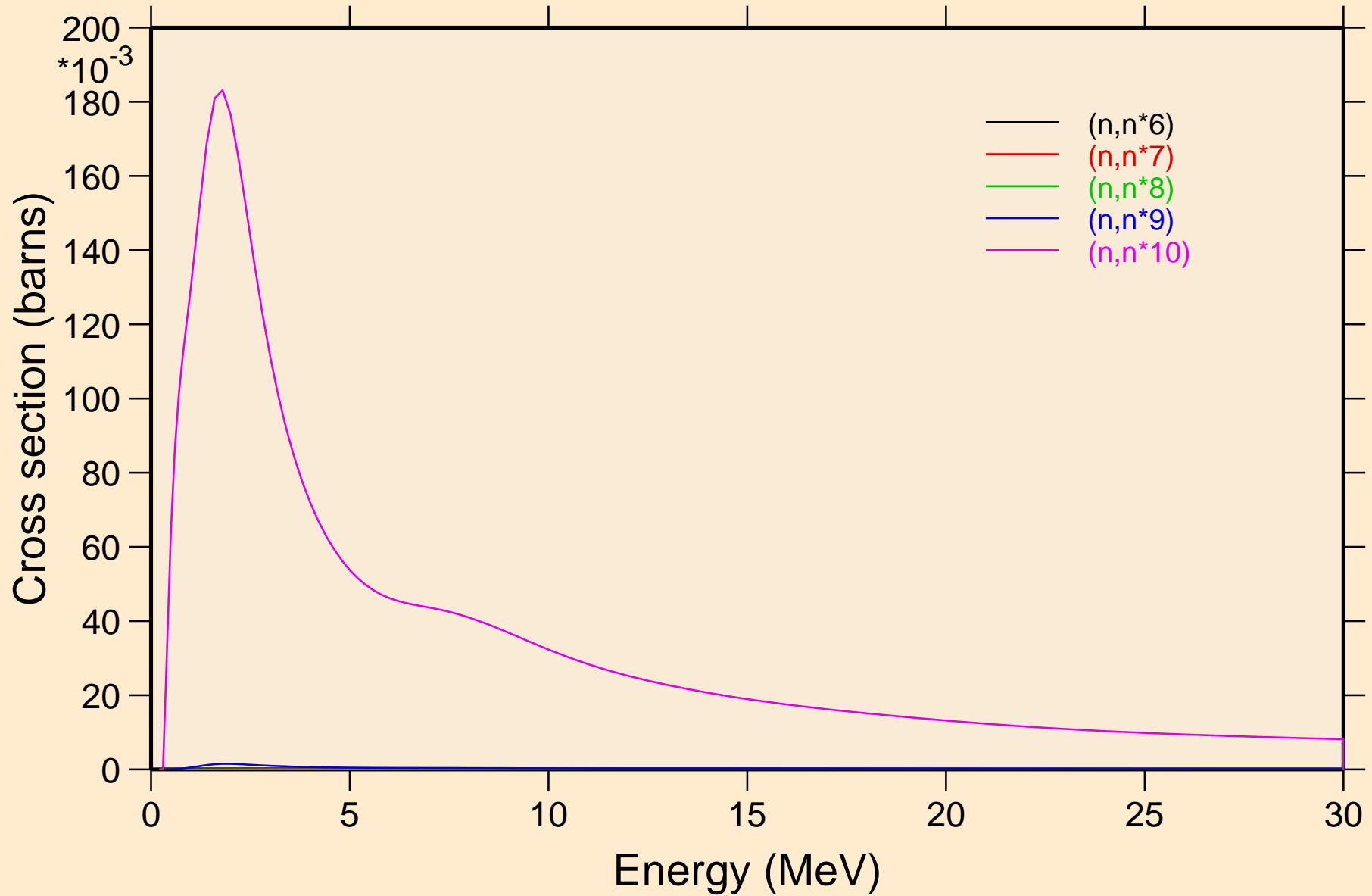
BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



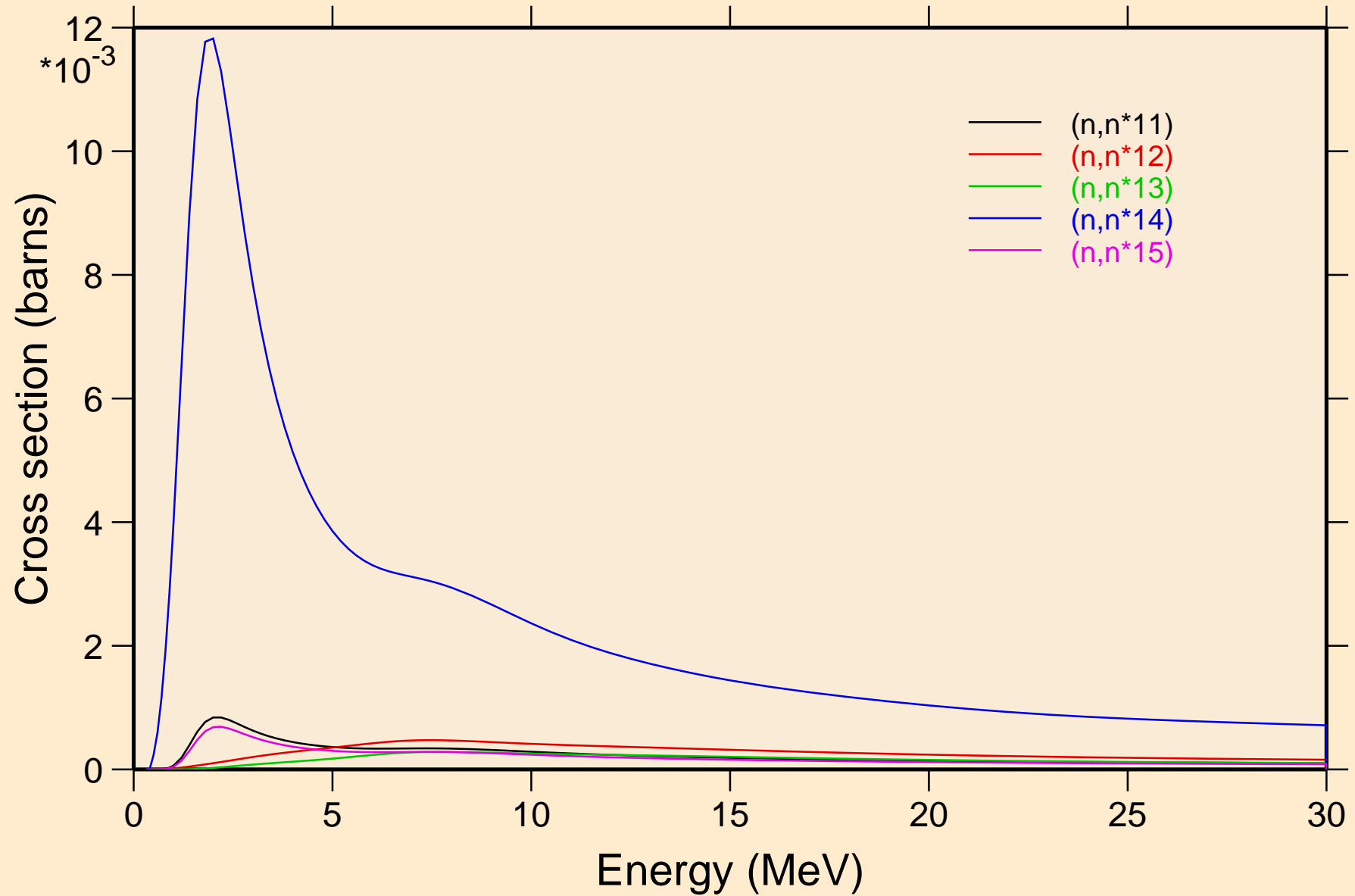
BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



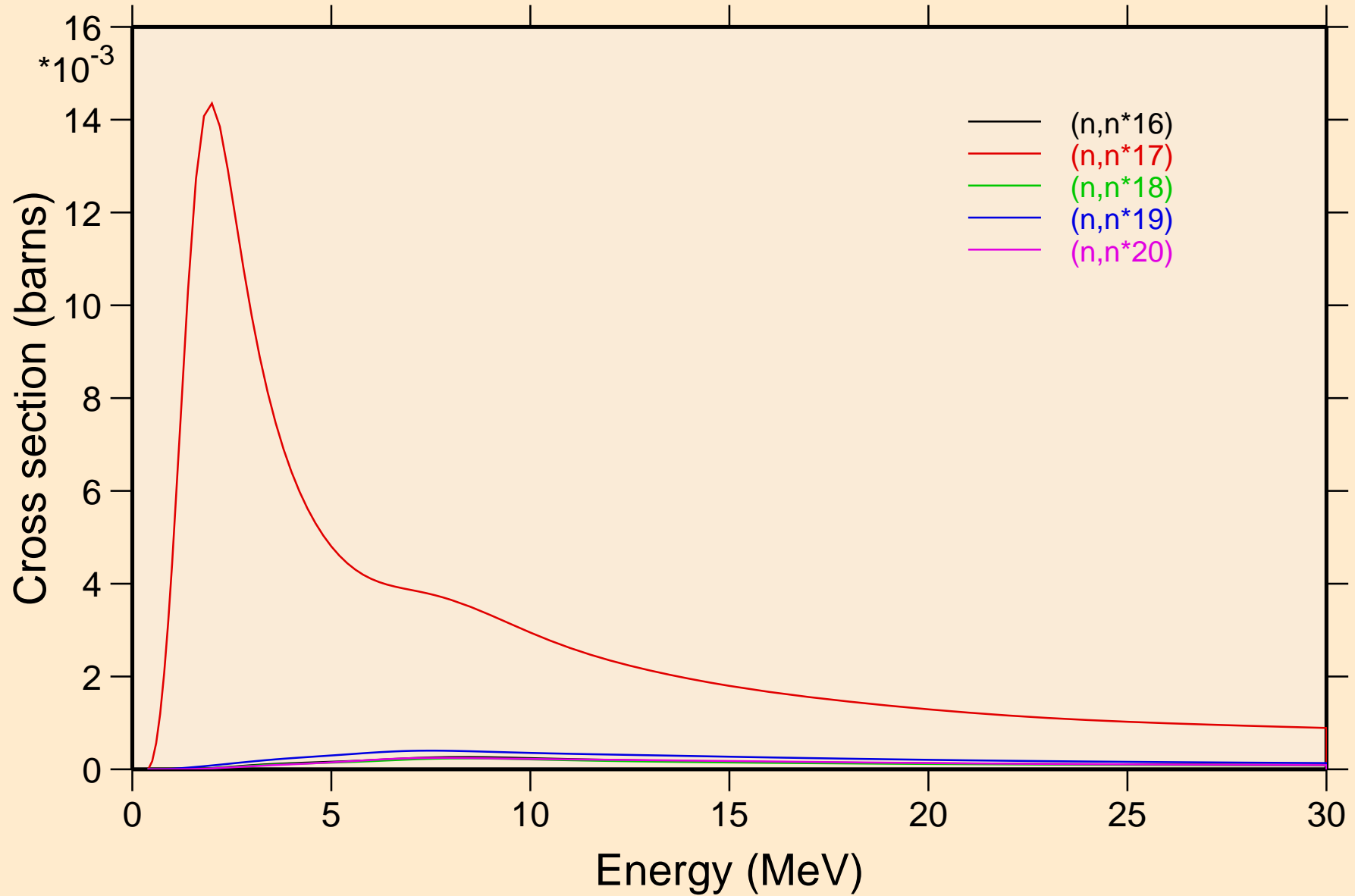
BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



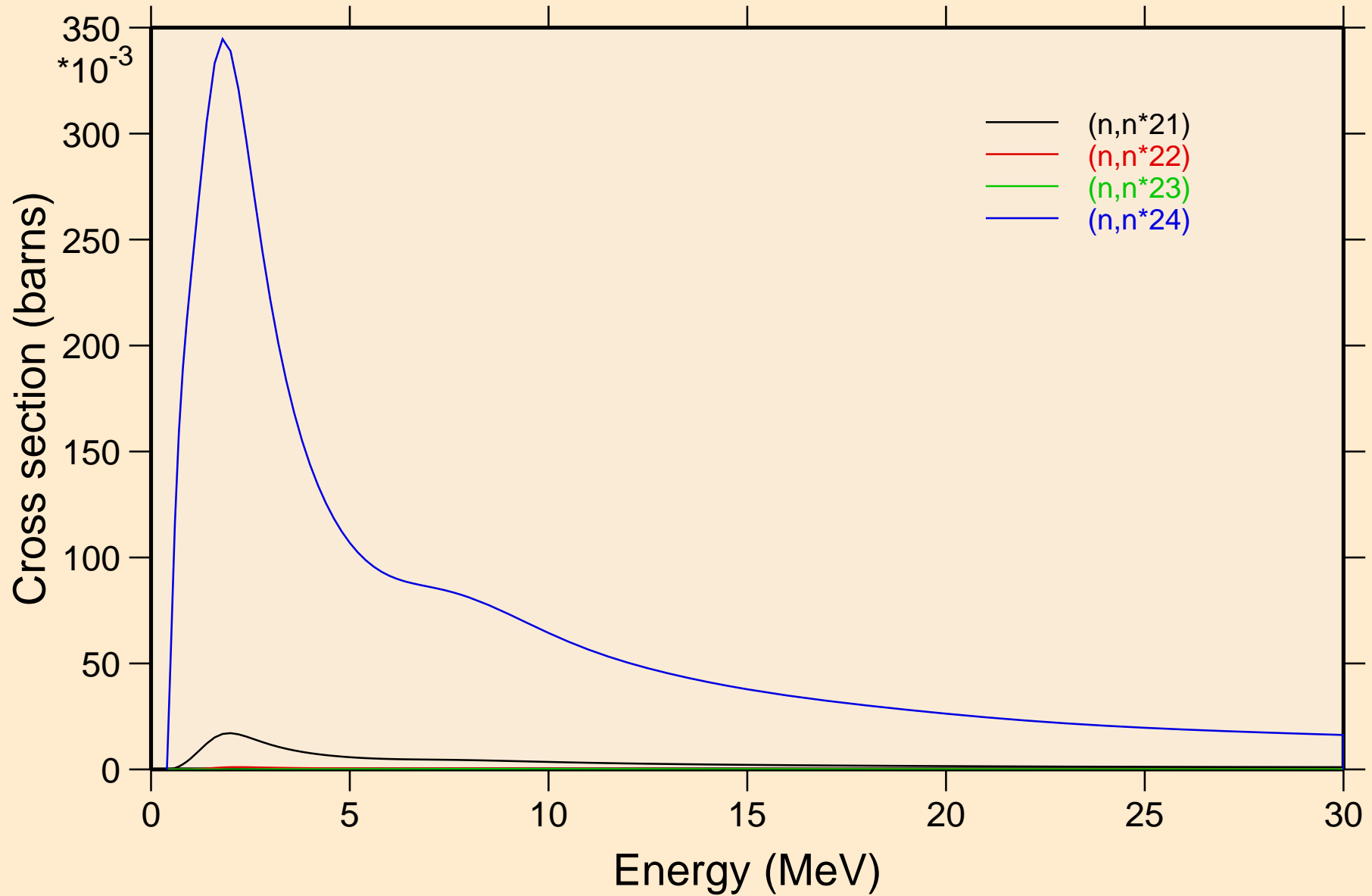
BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

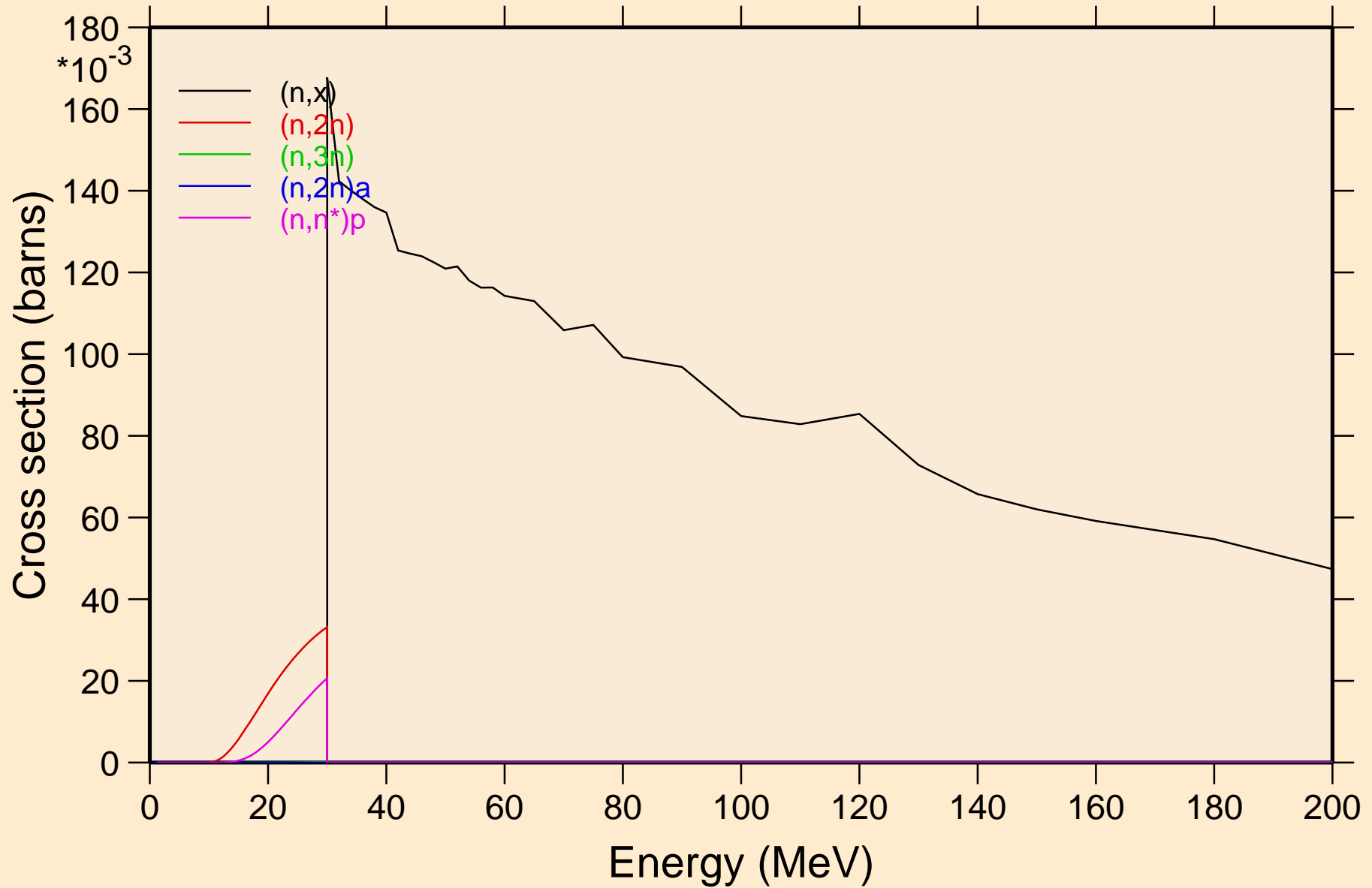


BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



# BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

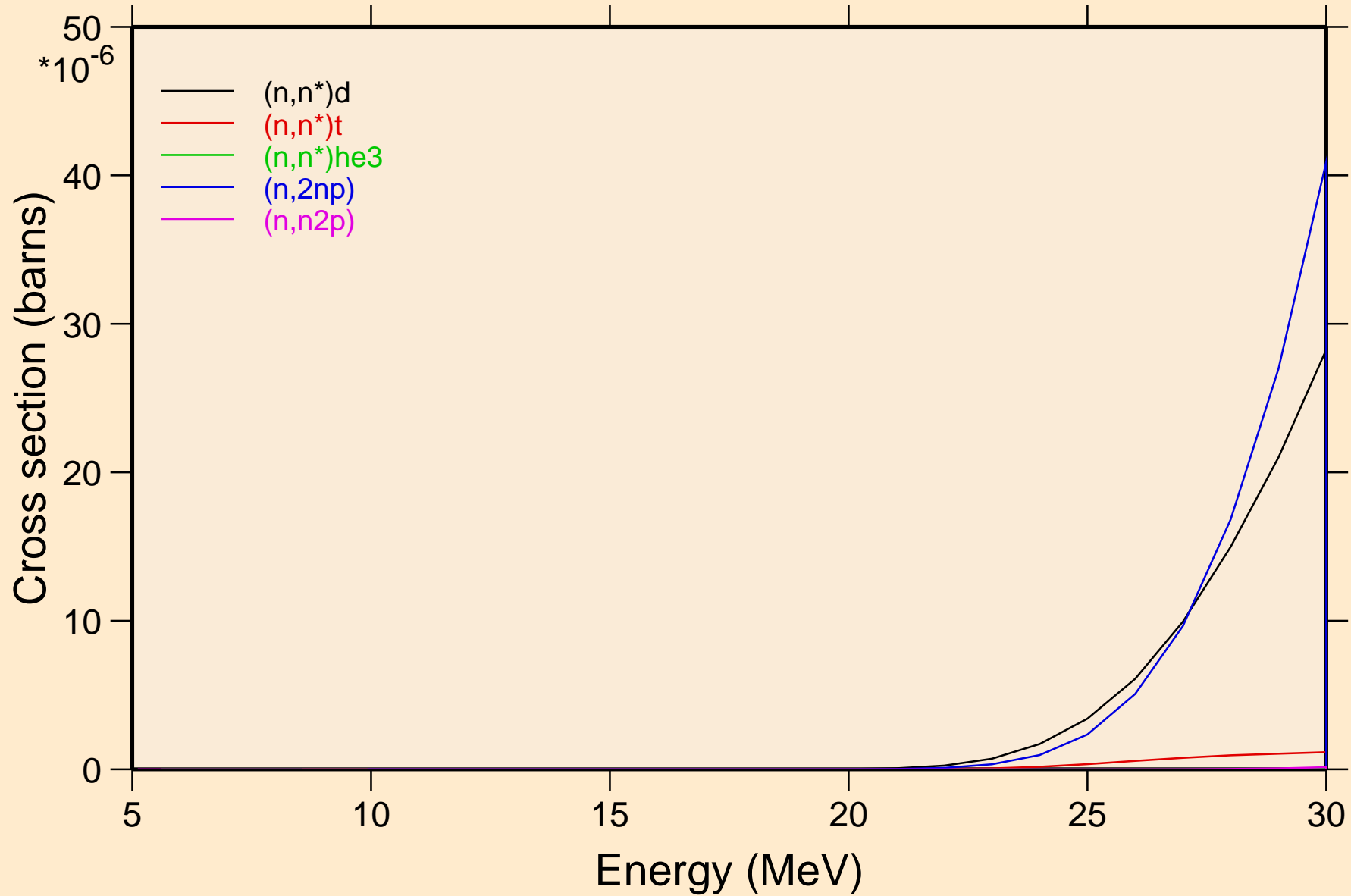
## Threshold reactions





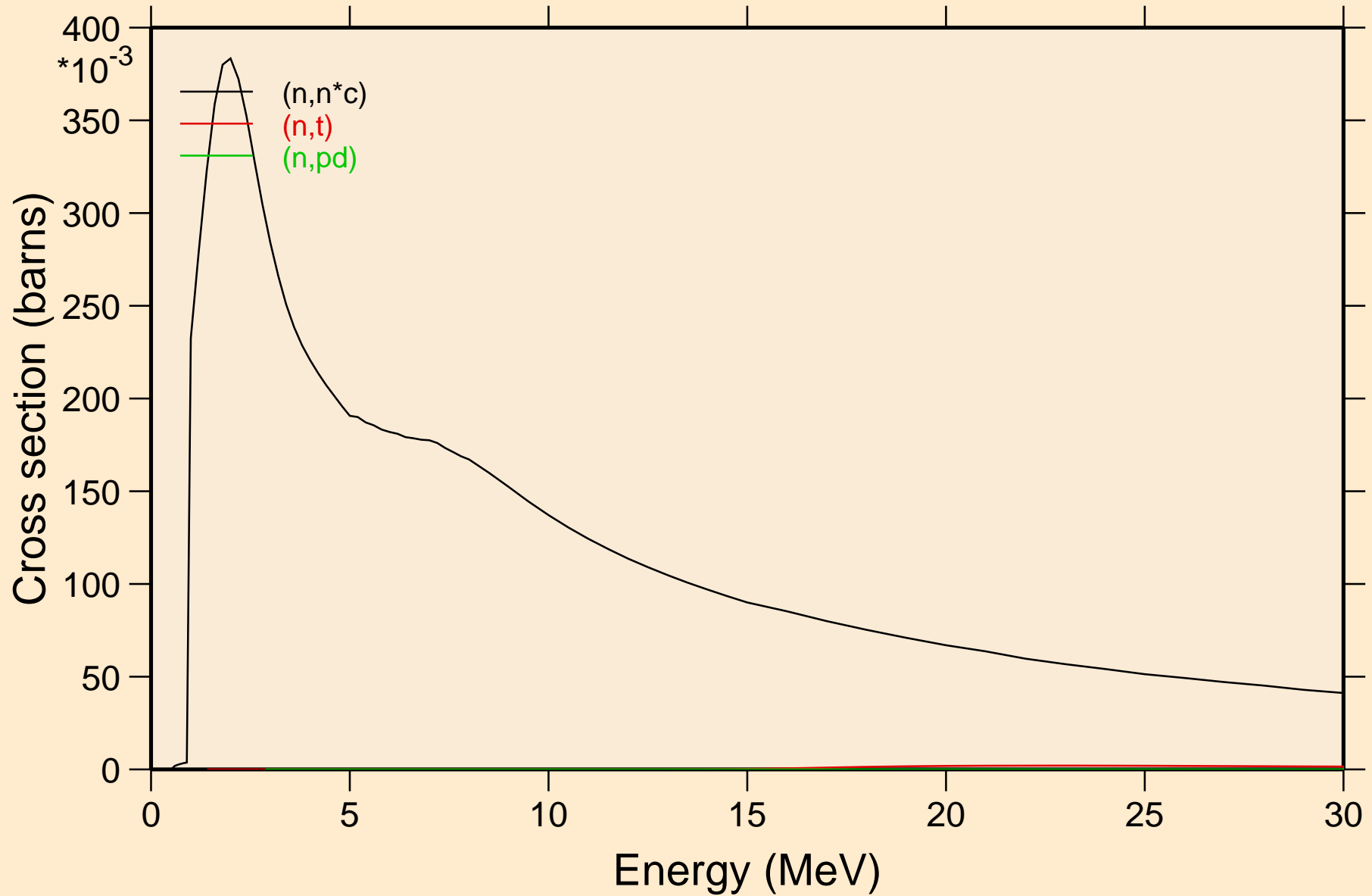
# BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

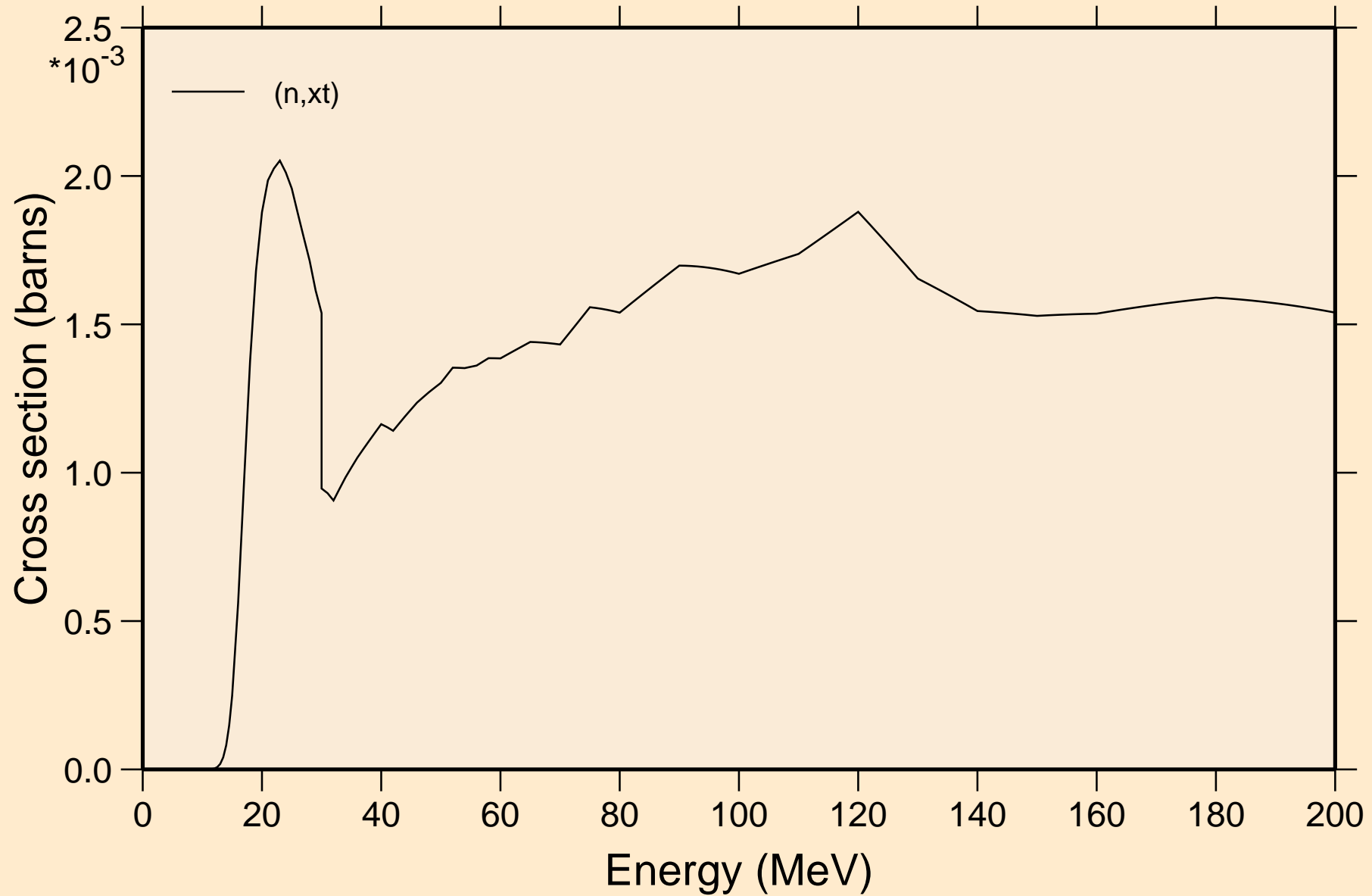


# BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

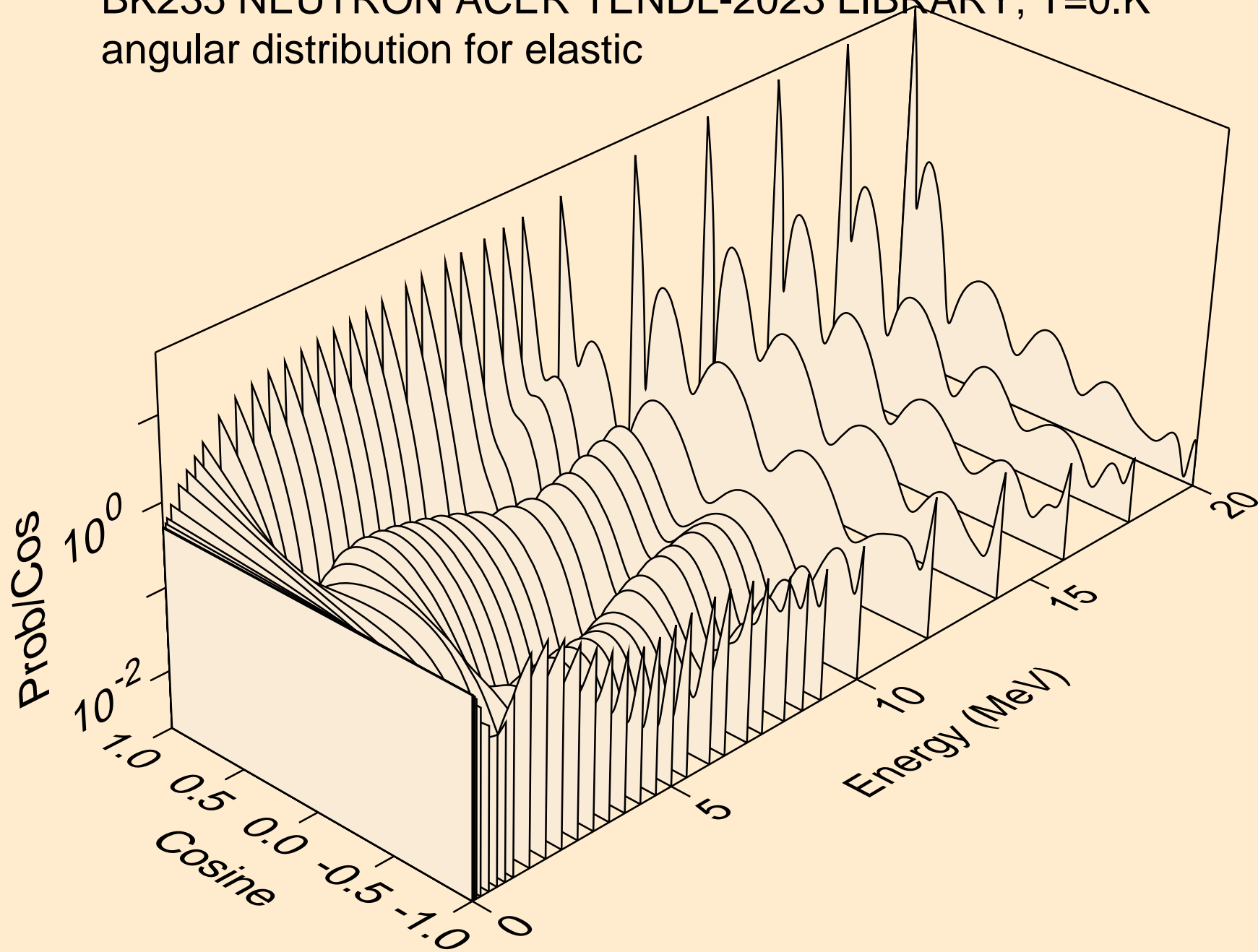
## Threshold reactions



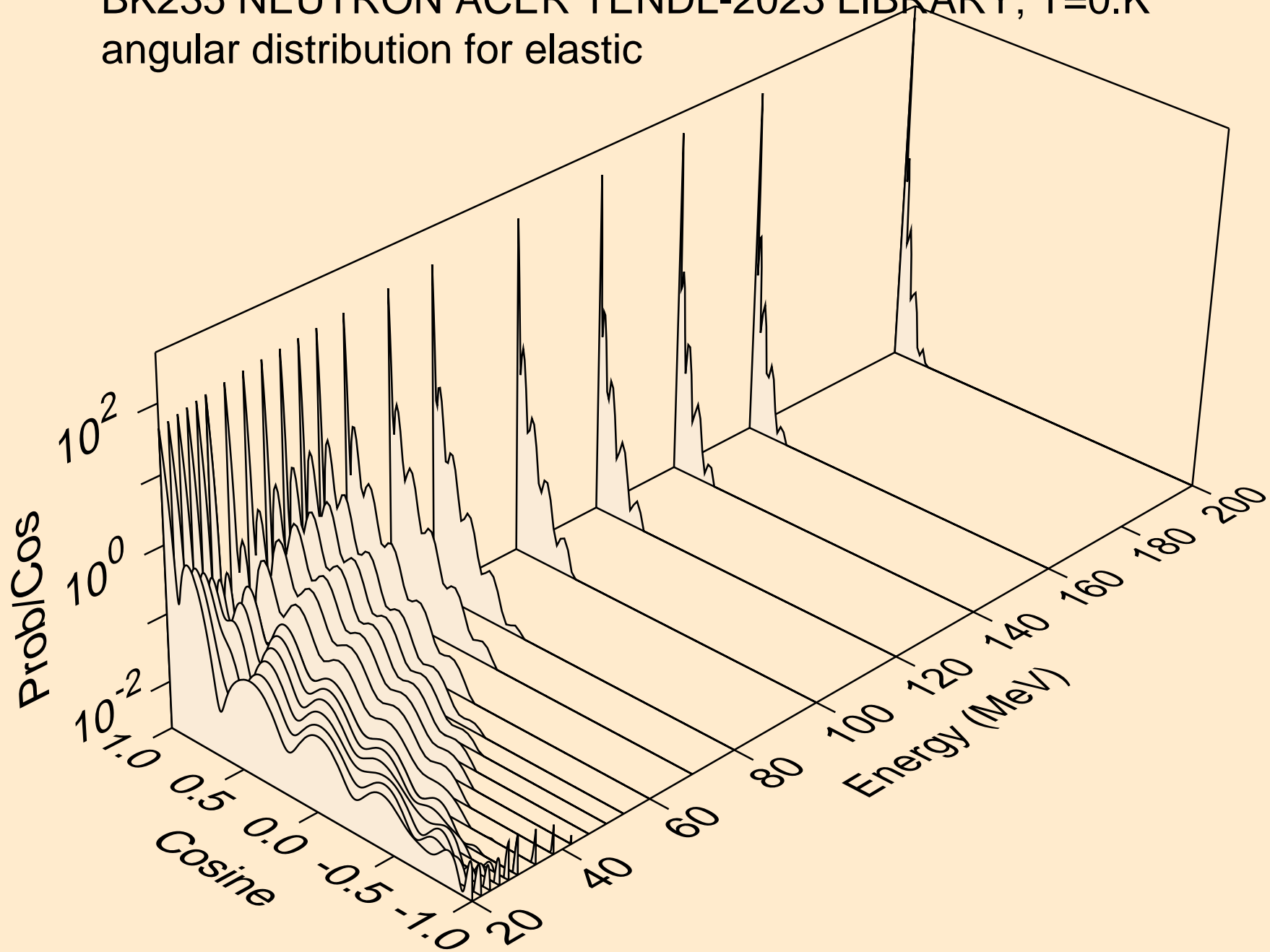
BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



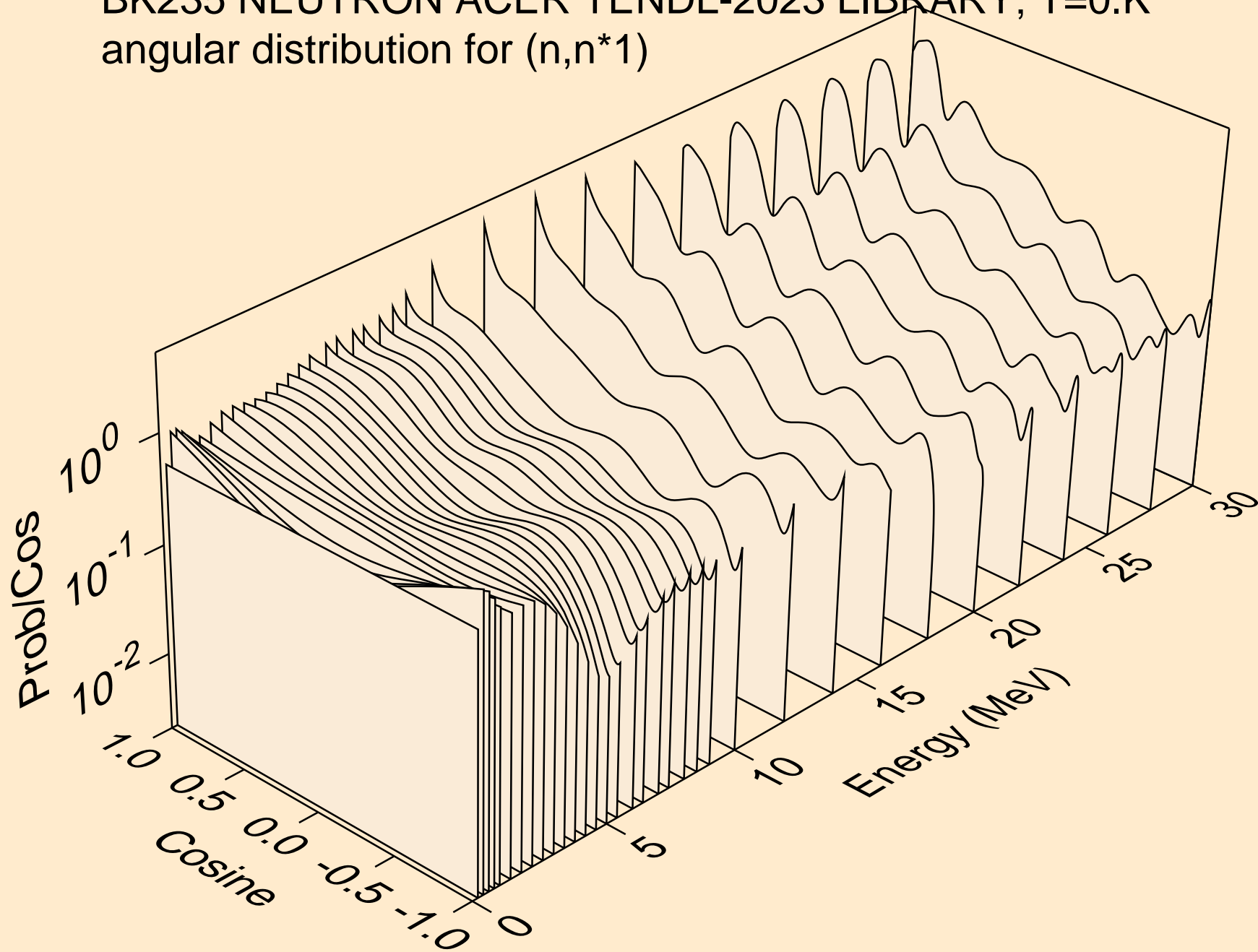
BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



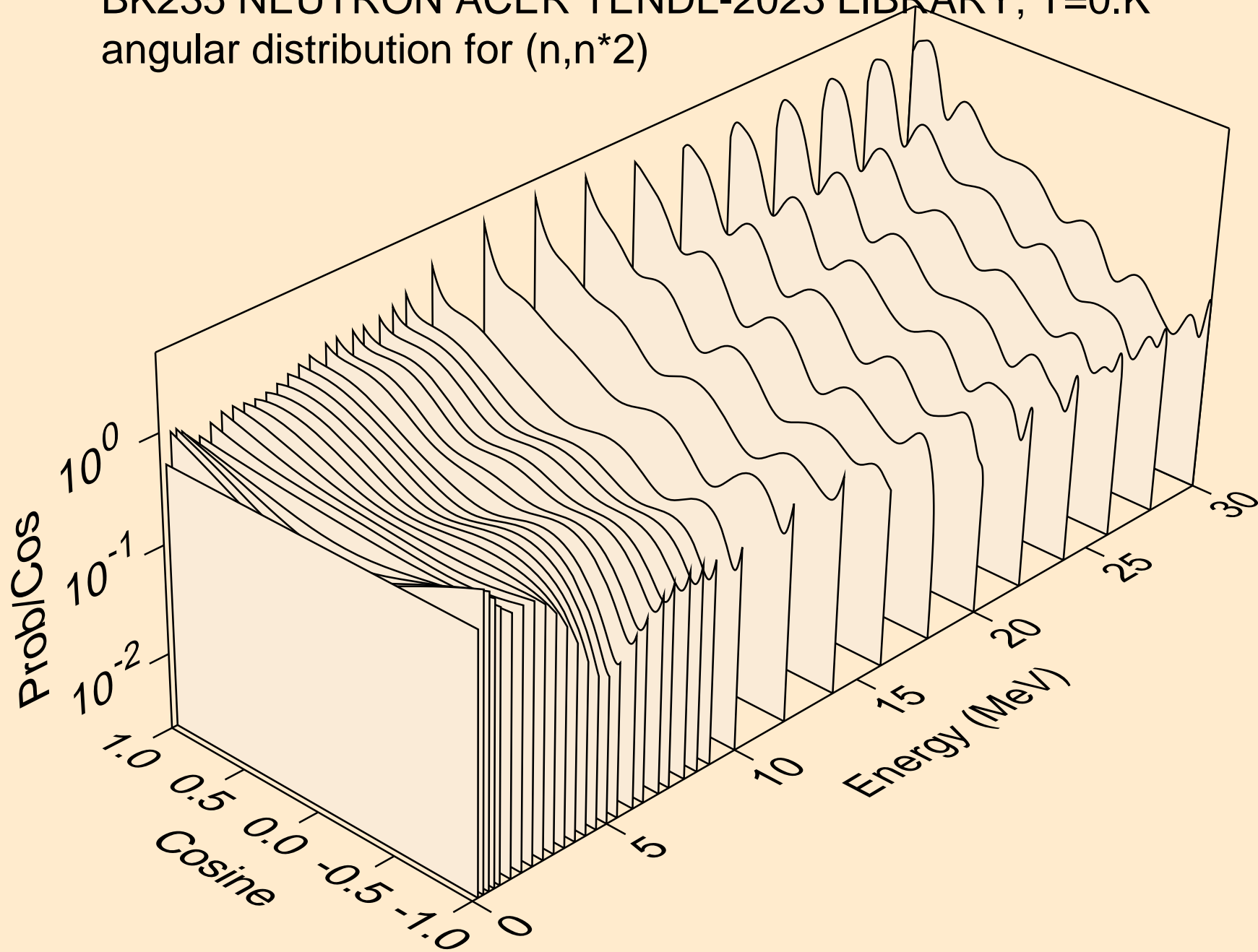
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angular distribution for elastic



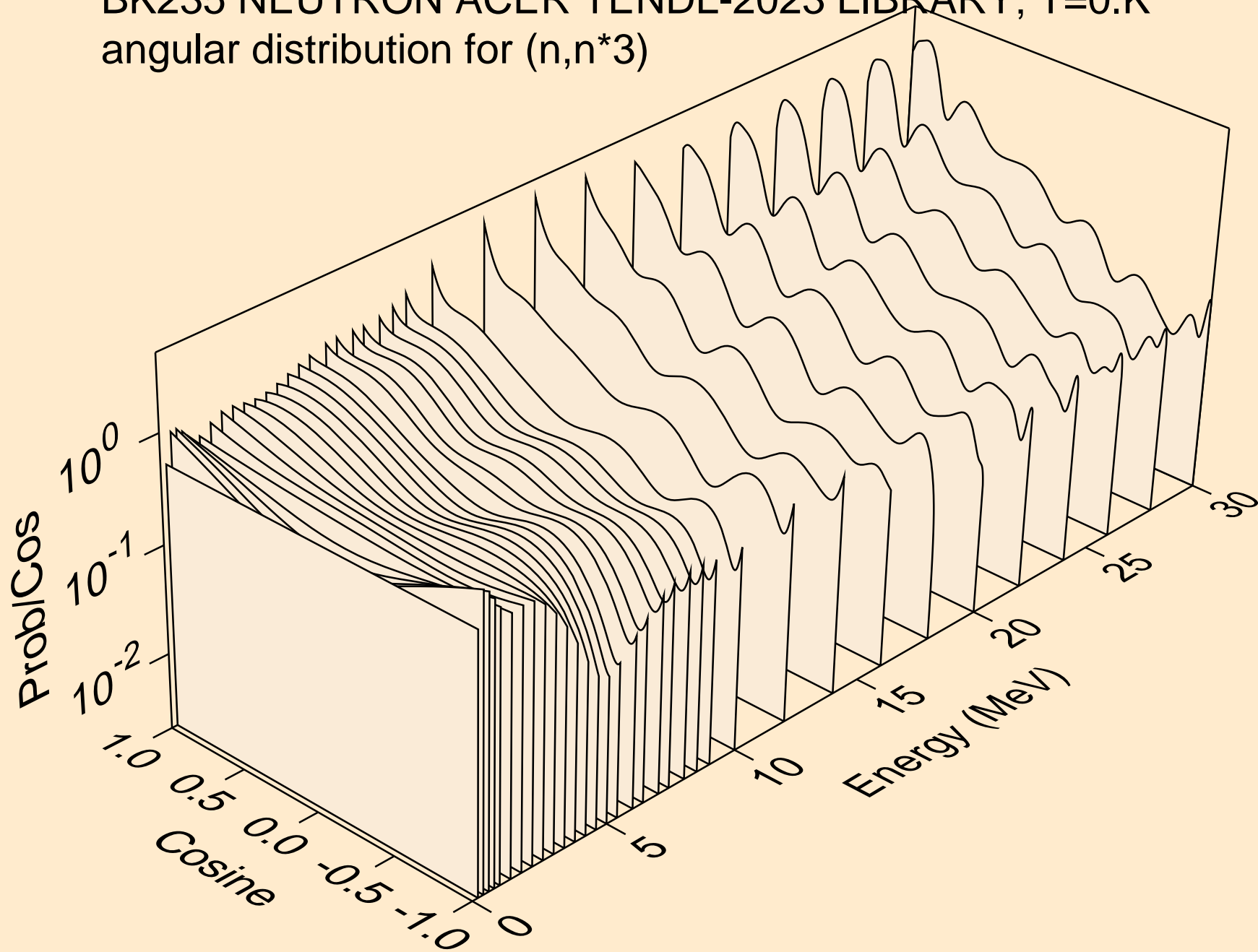
BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

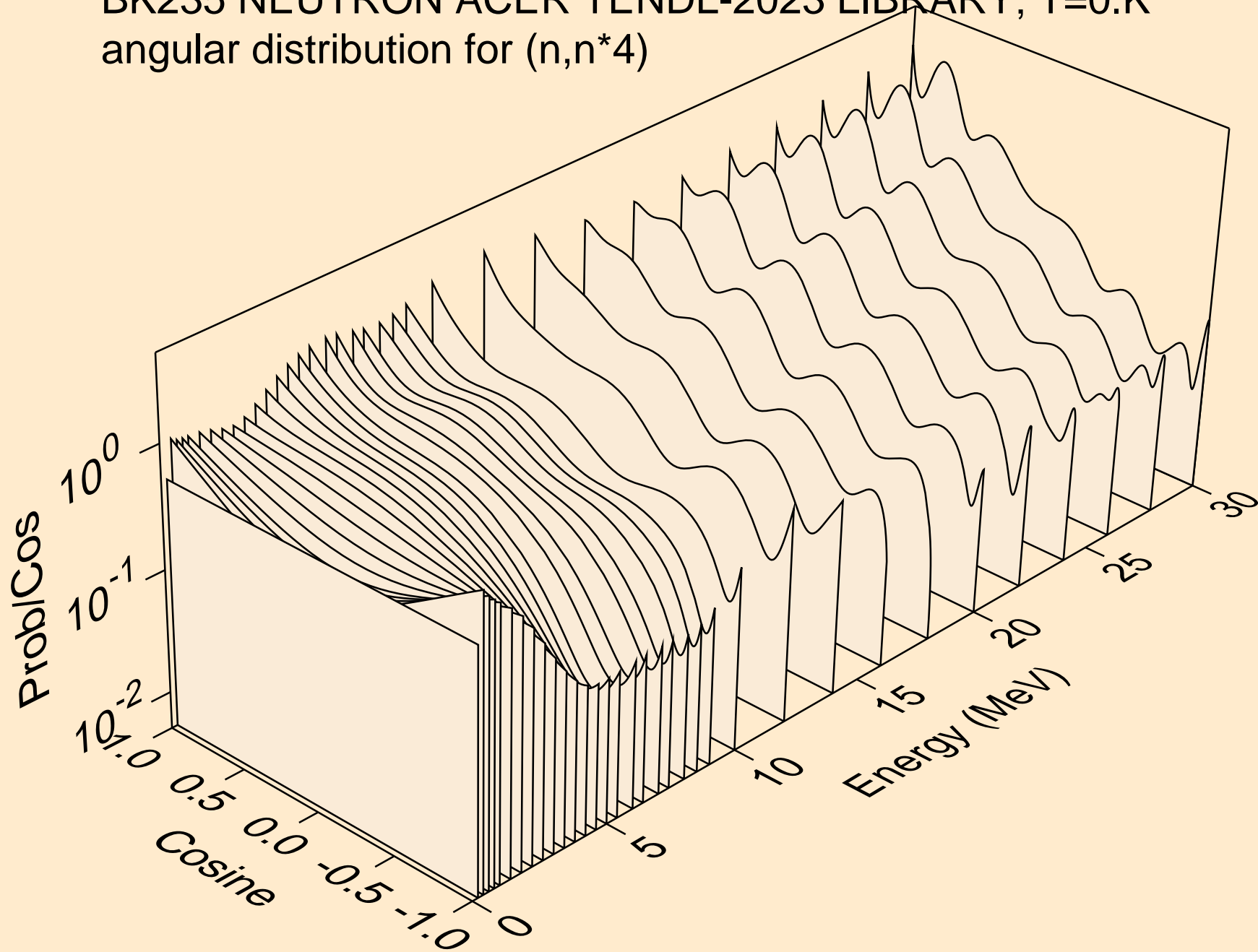


BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)

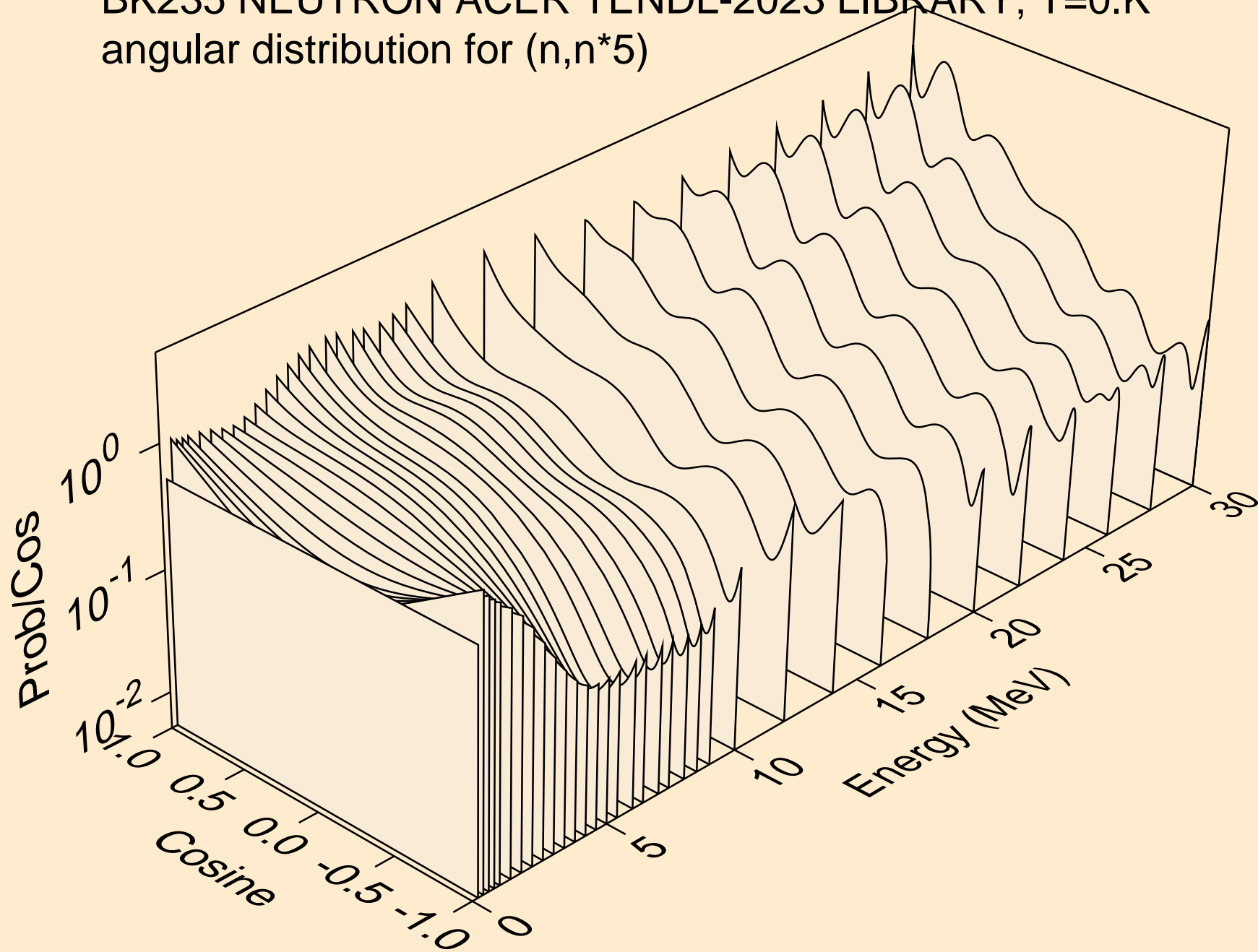




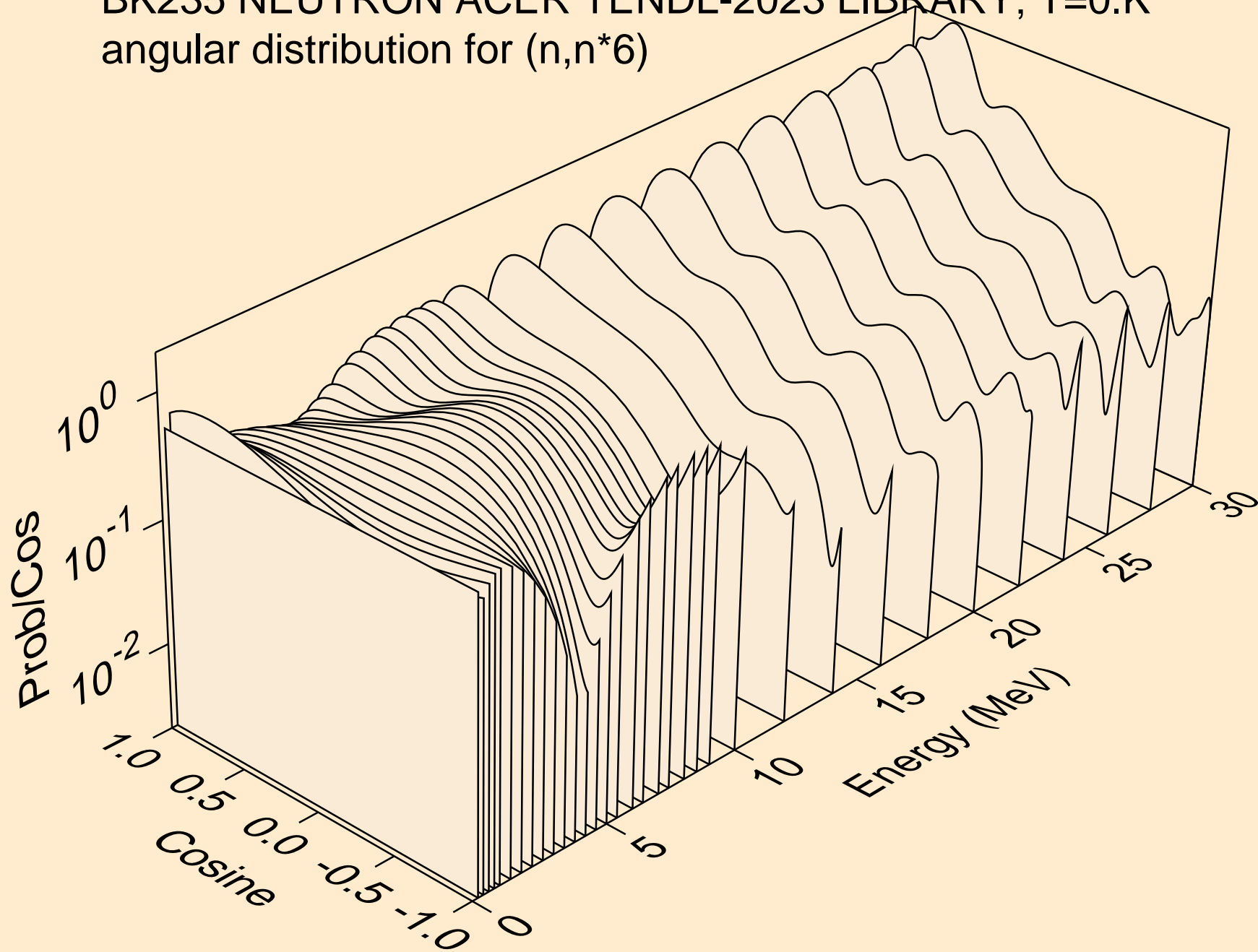
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angular distribution for (n,n\*4)



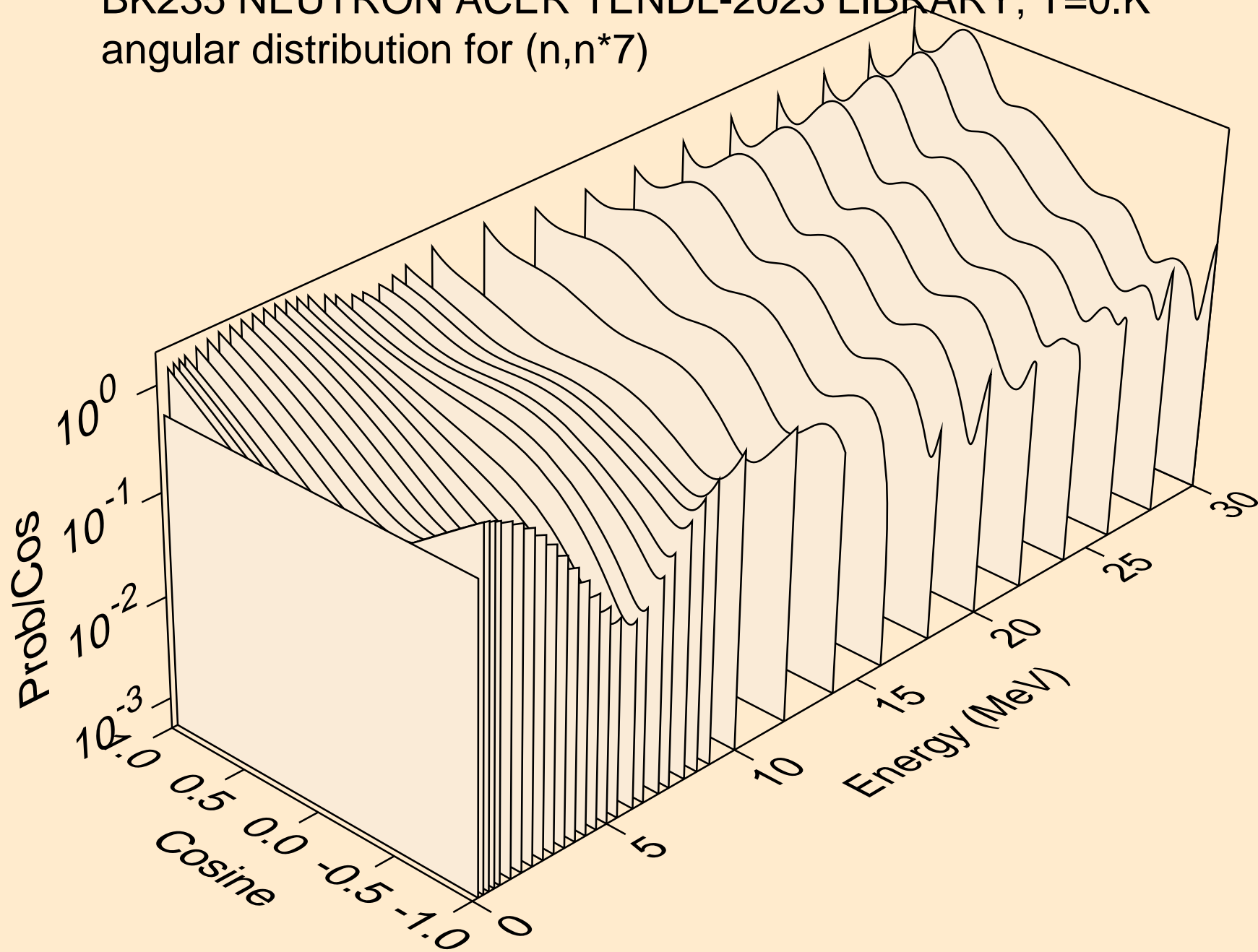
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angular distribution for (n,n\*5)



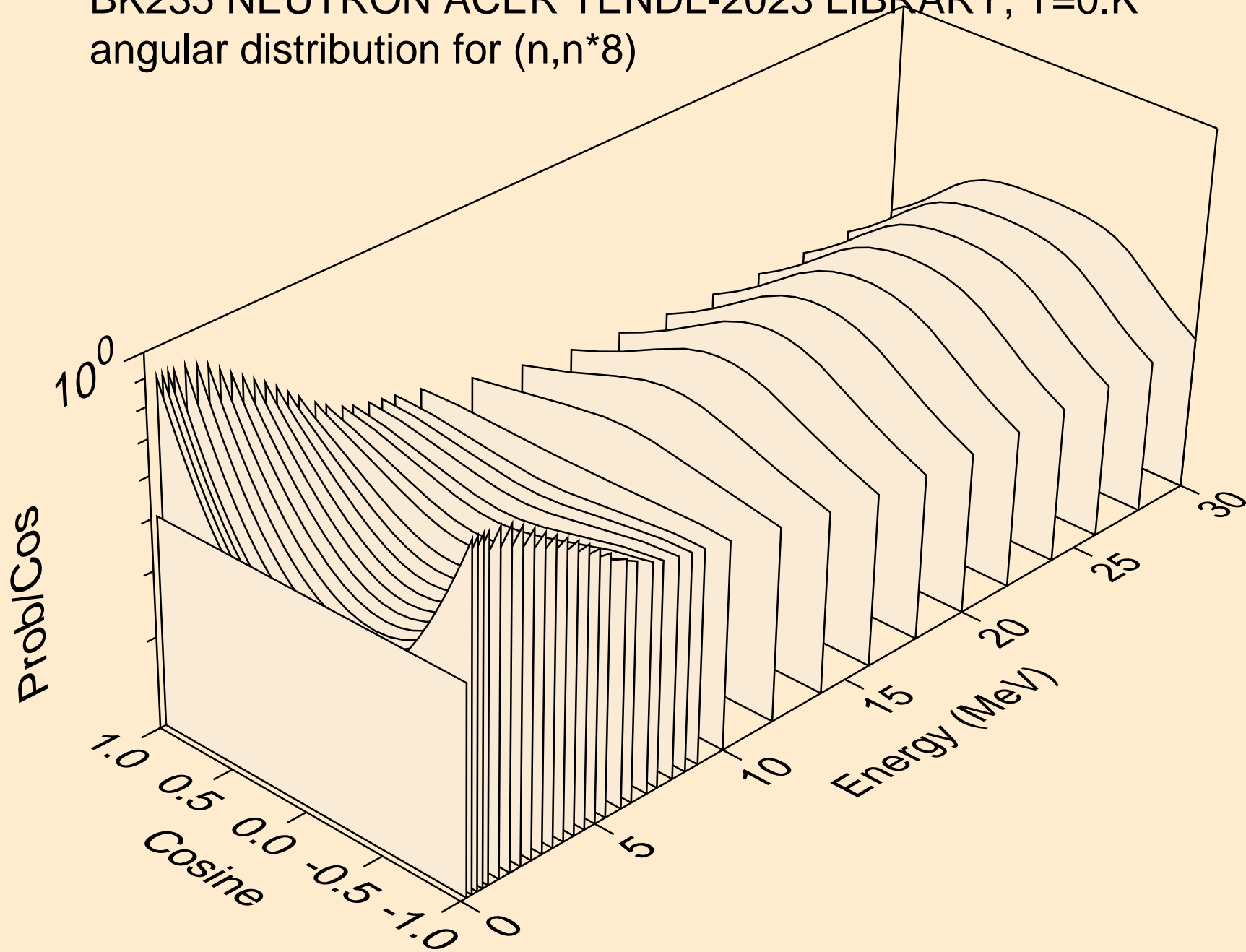
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angular distribution for (n,n\*6)



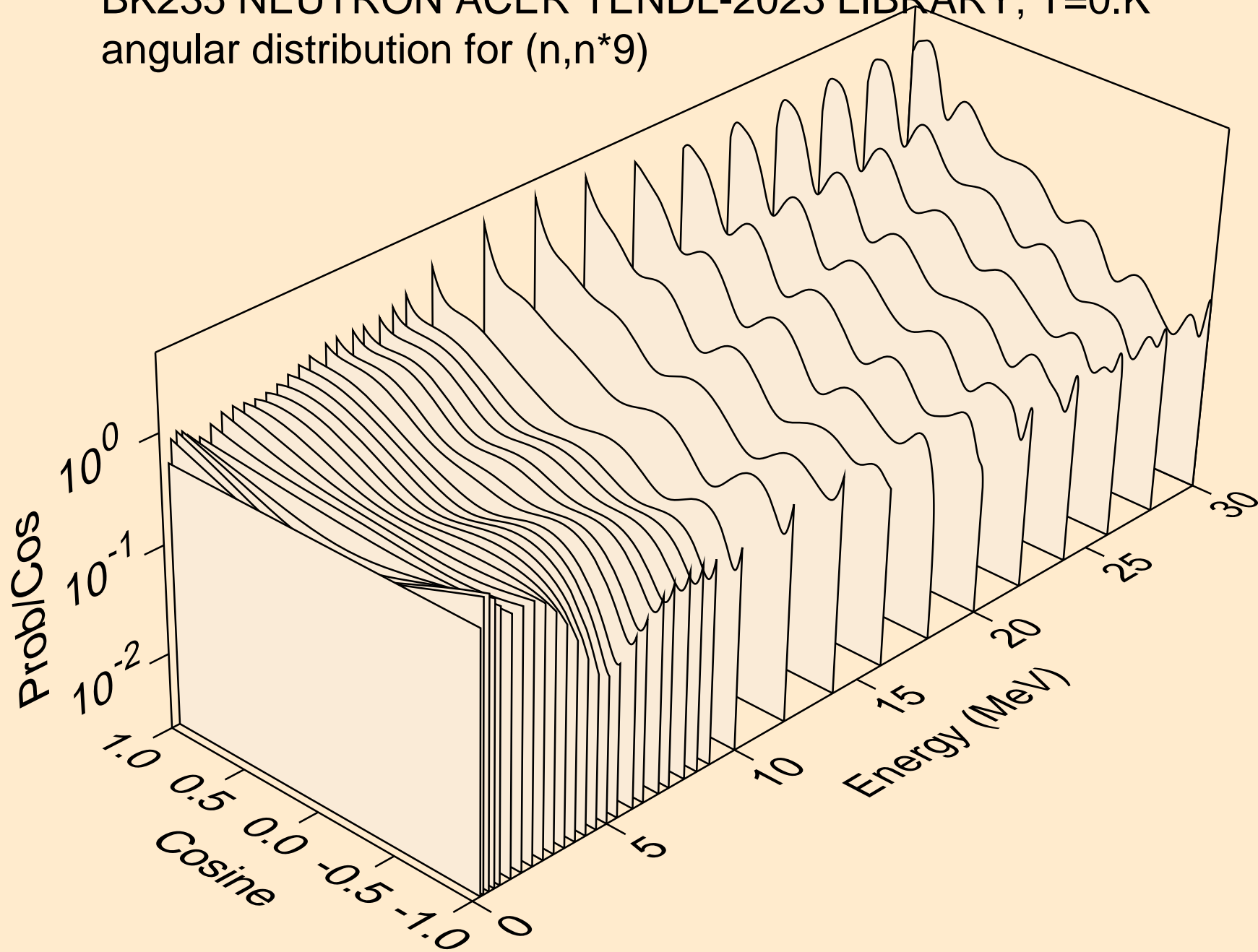
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angular distribution for (n,n\*7)



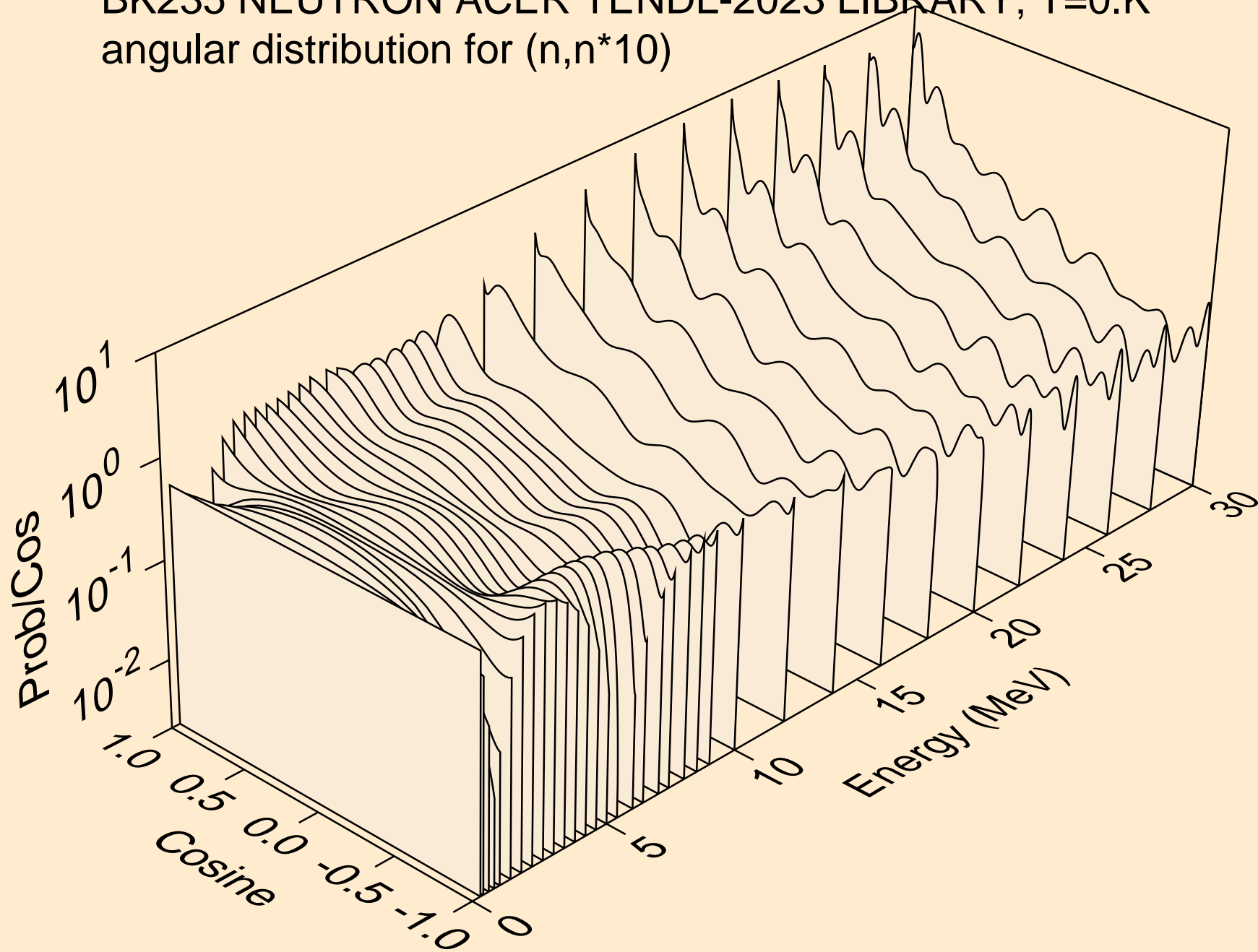
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angular distribution for (n,n\*8)



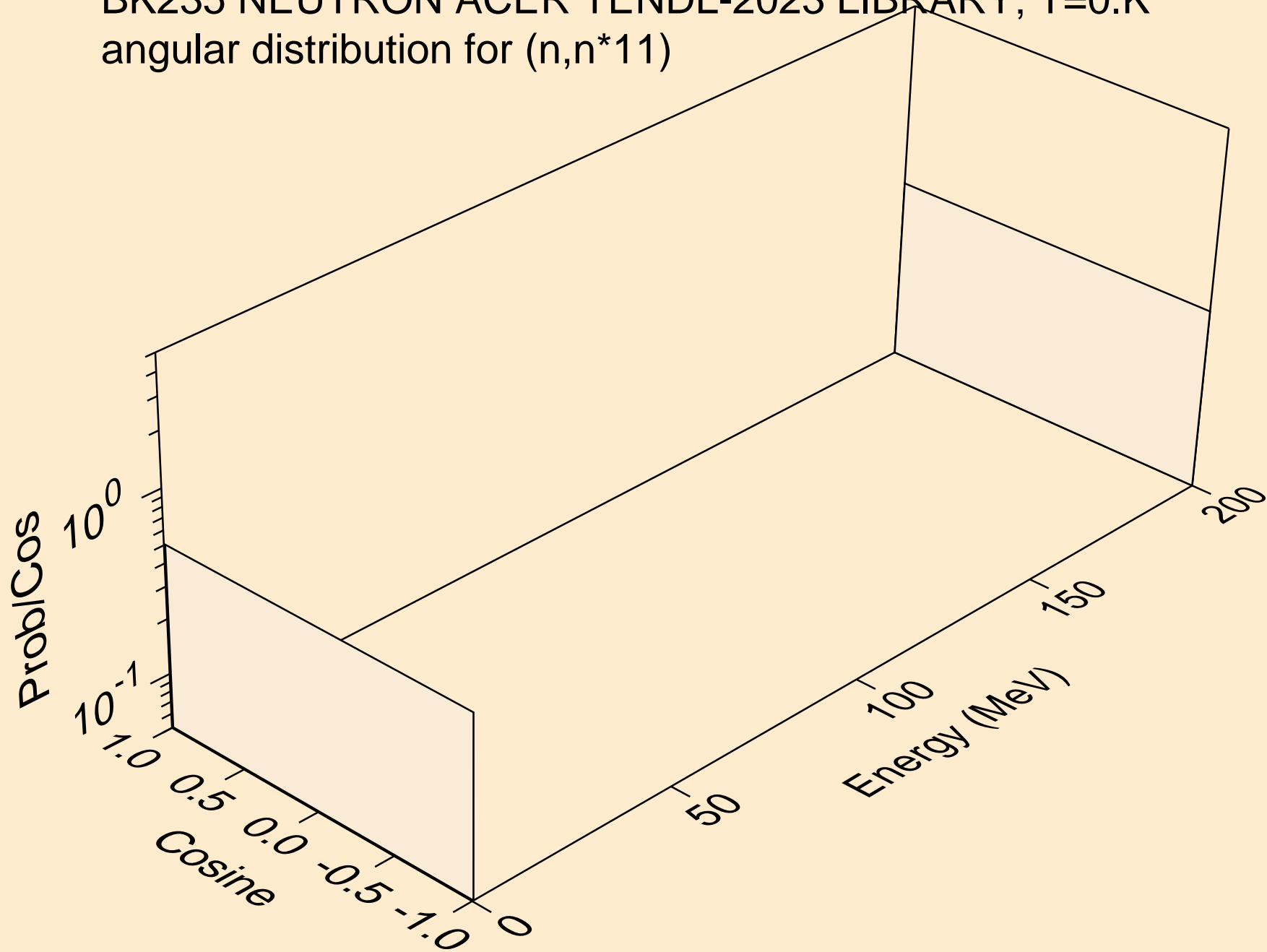
BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*10)

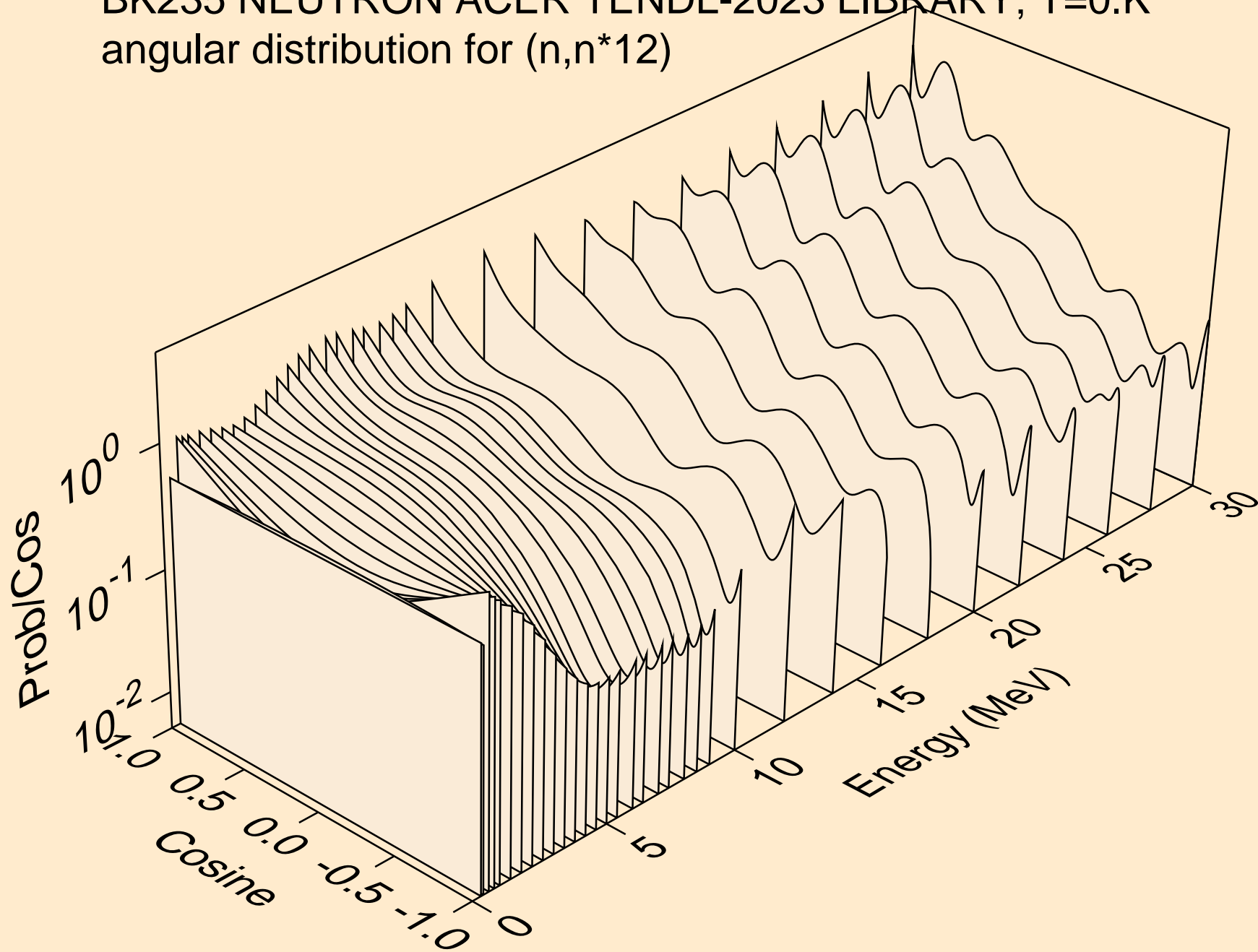


BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*11)

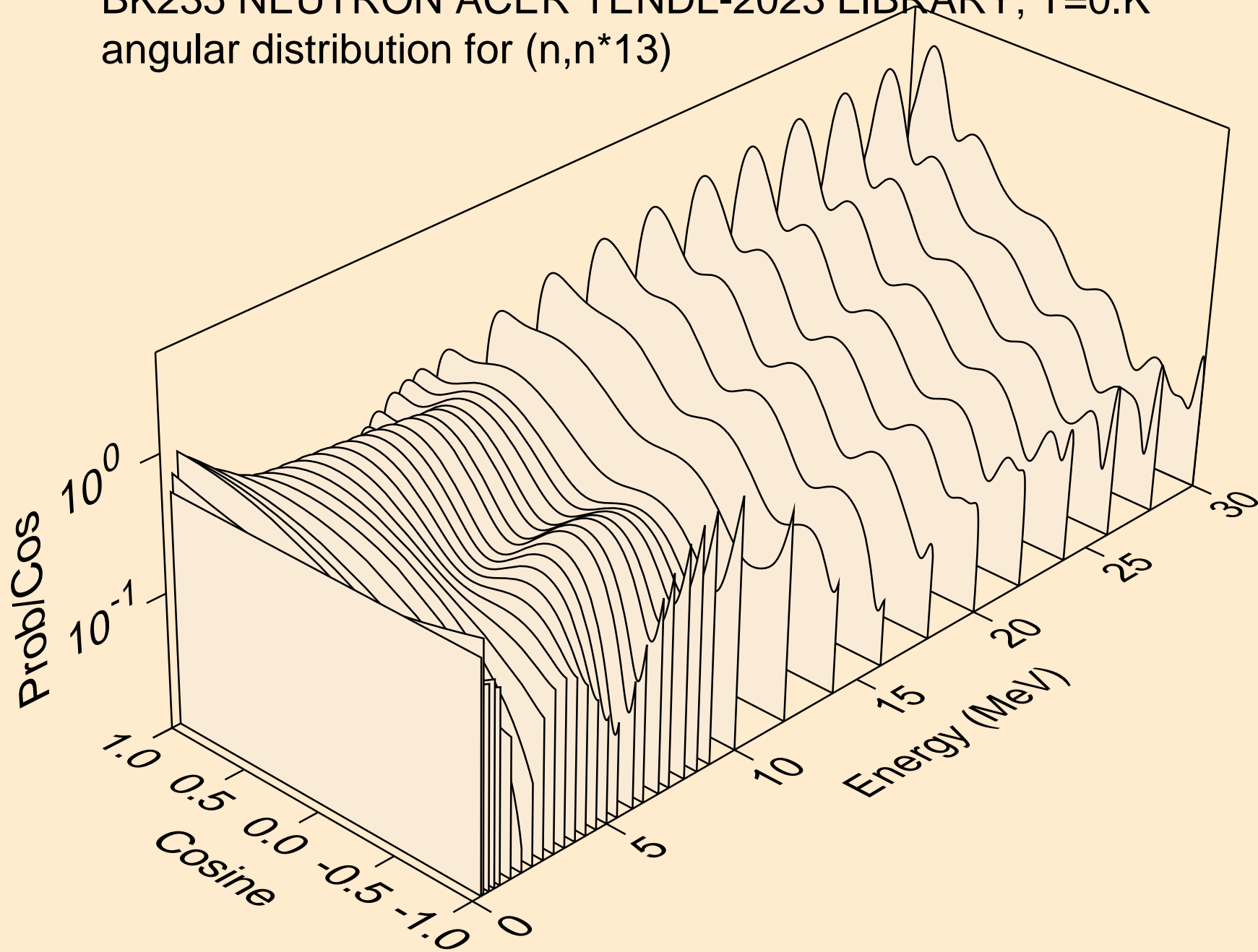




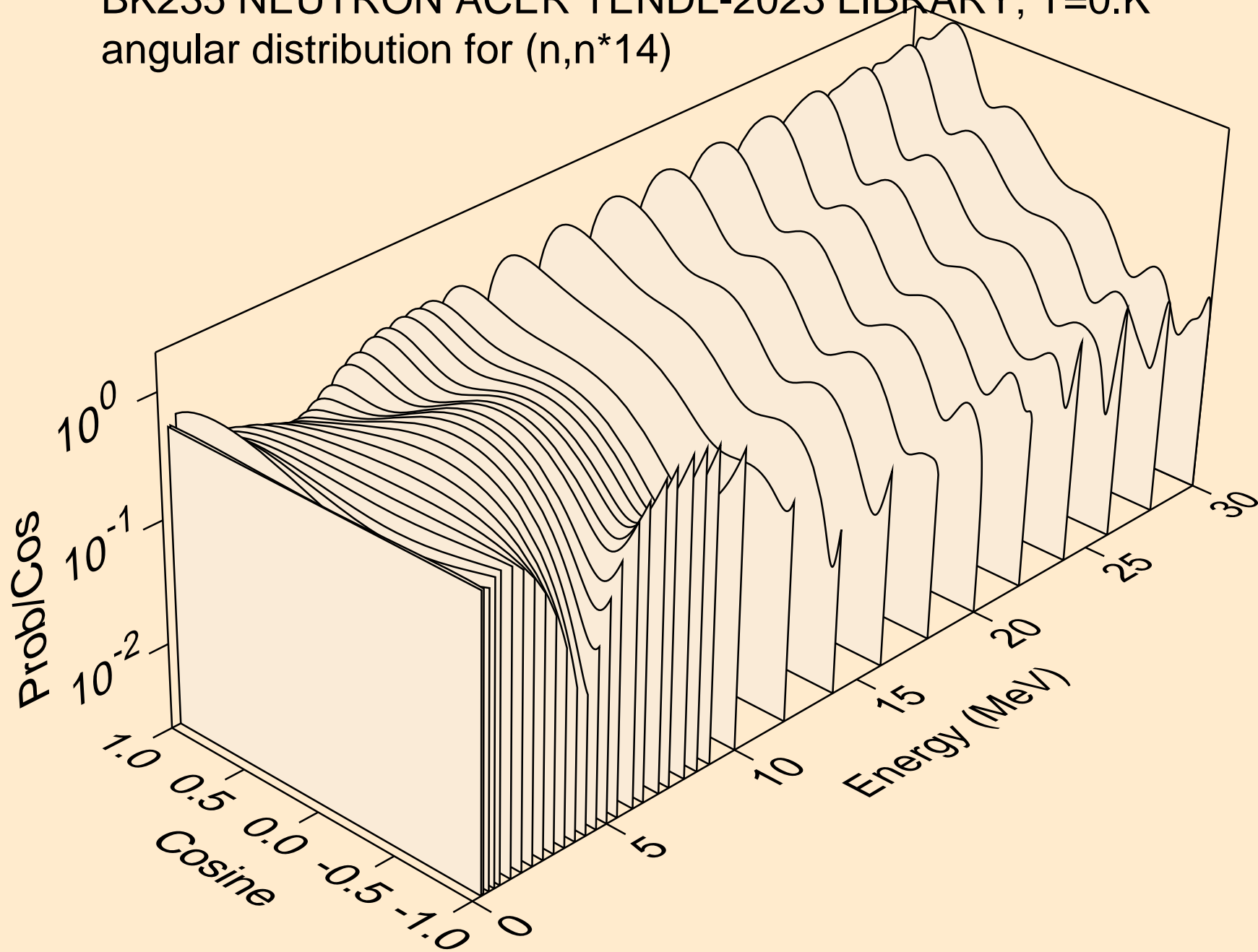
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angular distribution for (n,n\*12)



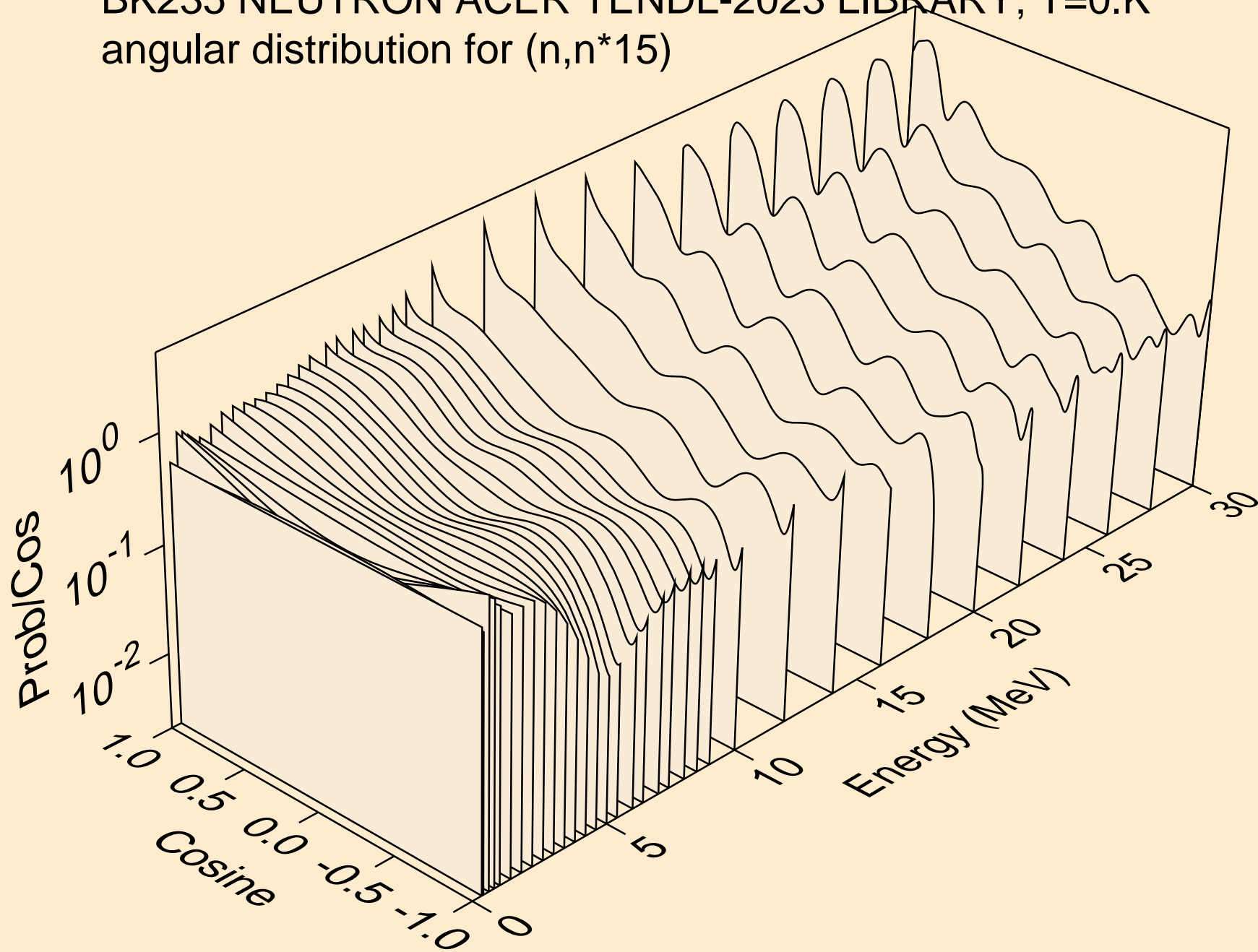
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angular distribution for (n,n\*13)



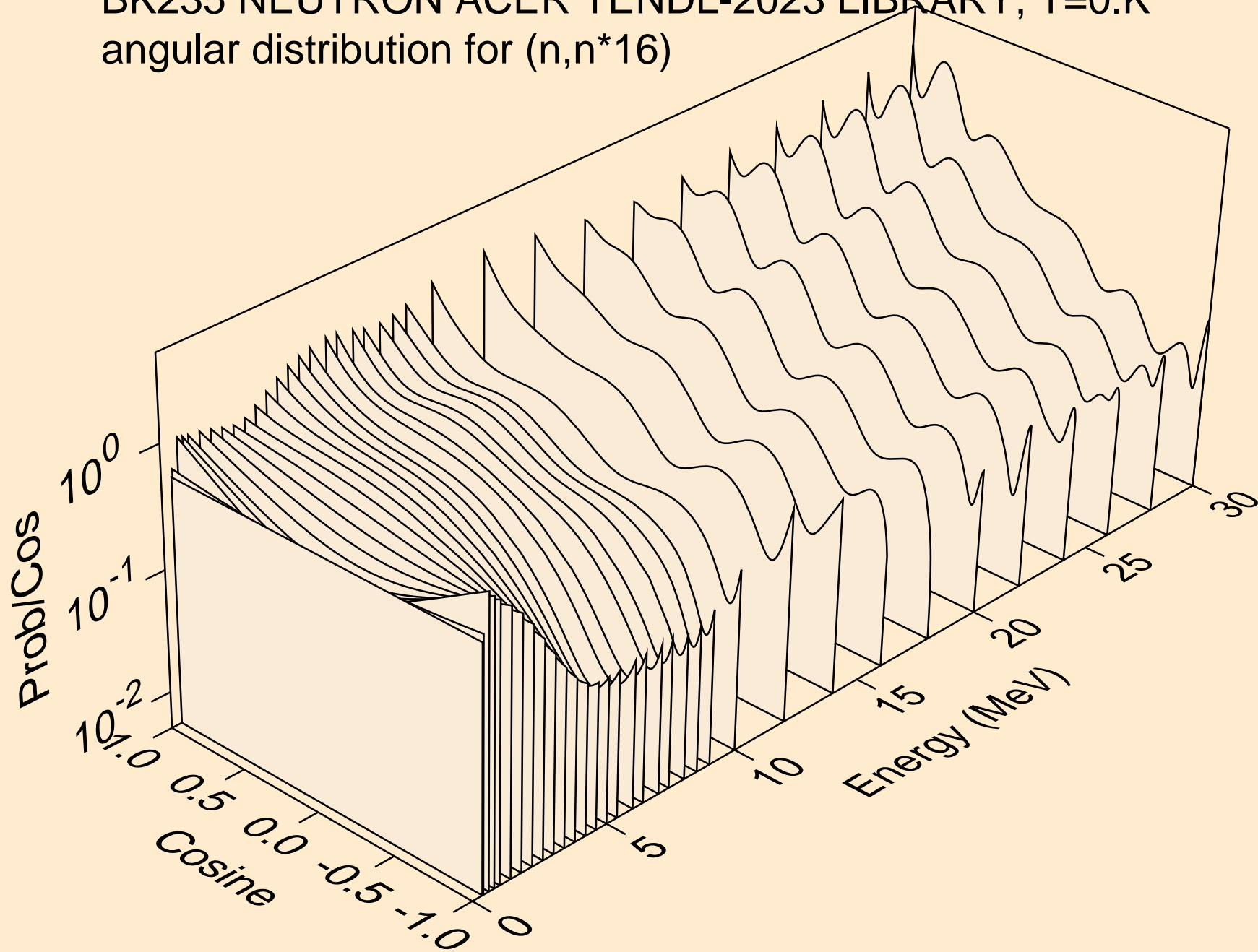
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angular distribution for (n,n\*14)



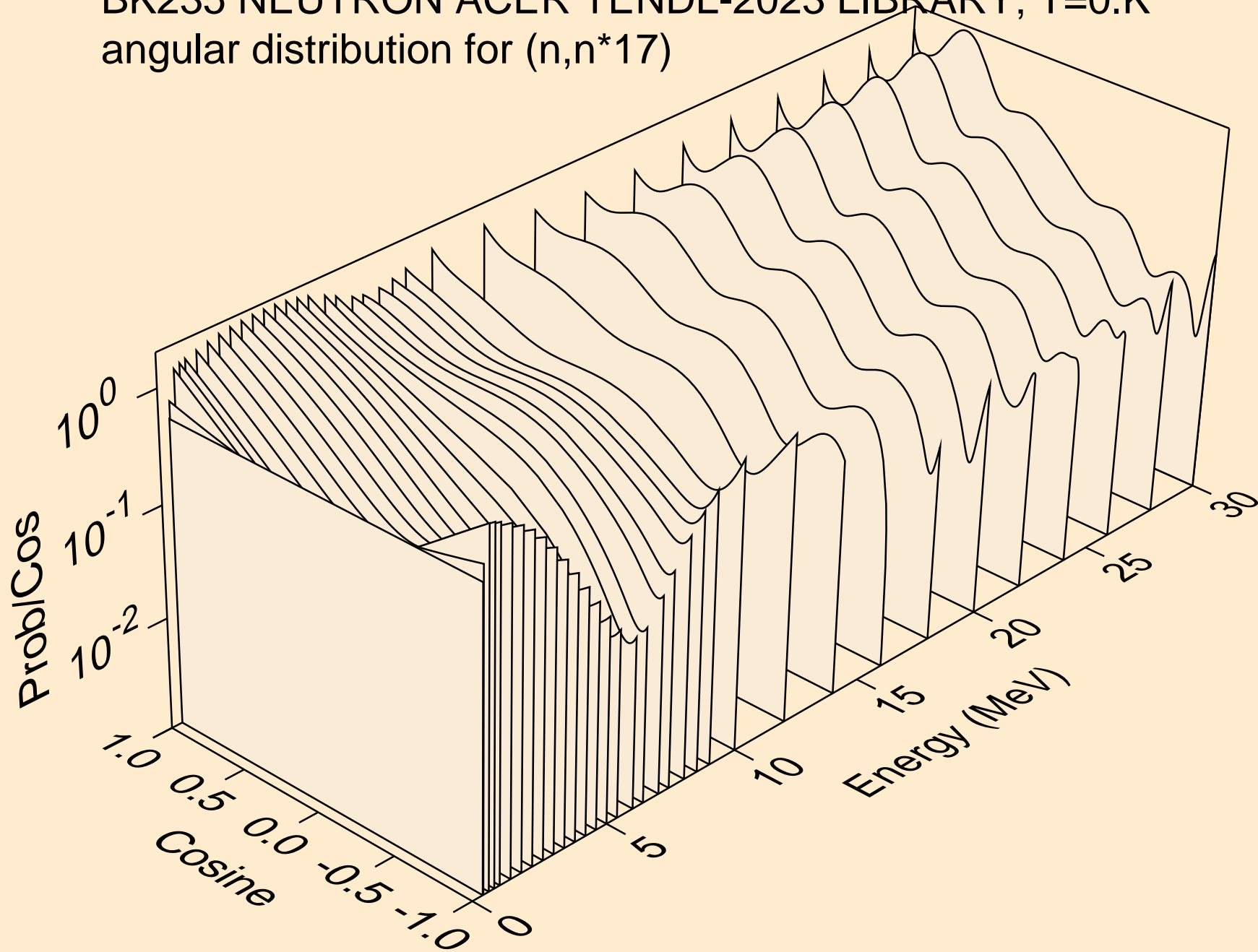
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angular distribution for (n,n\*15)



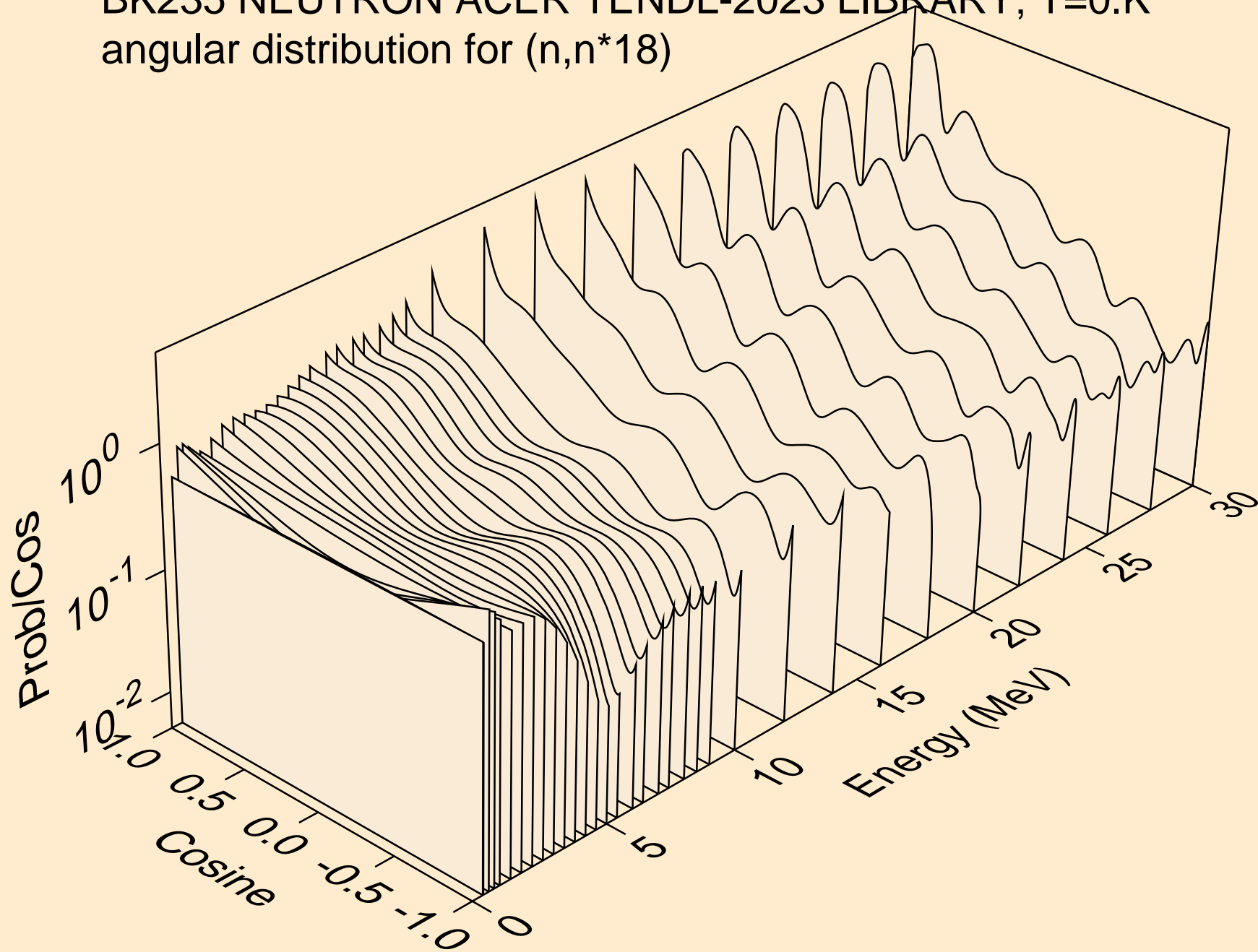
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angular distribution for (n,n\*16)



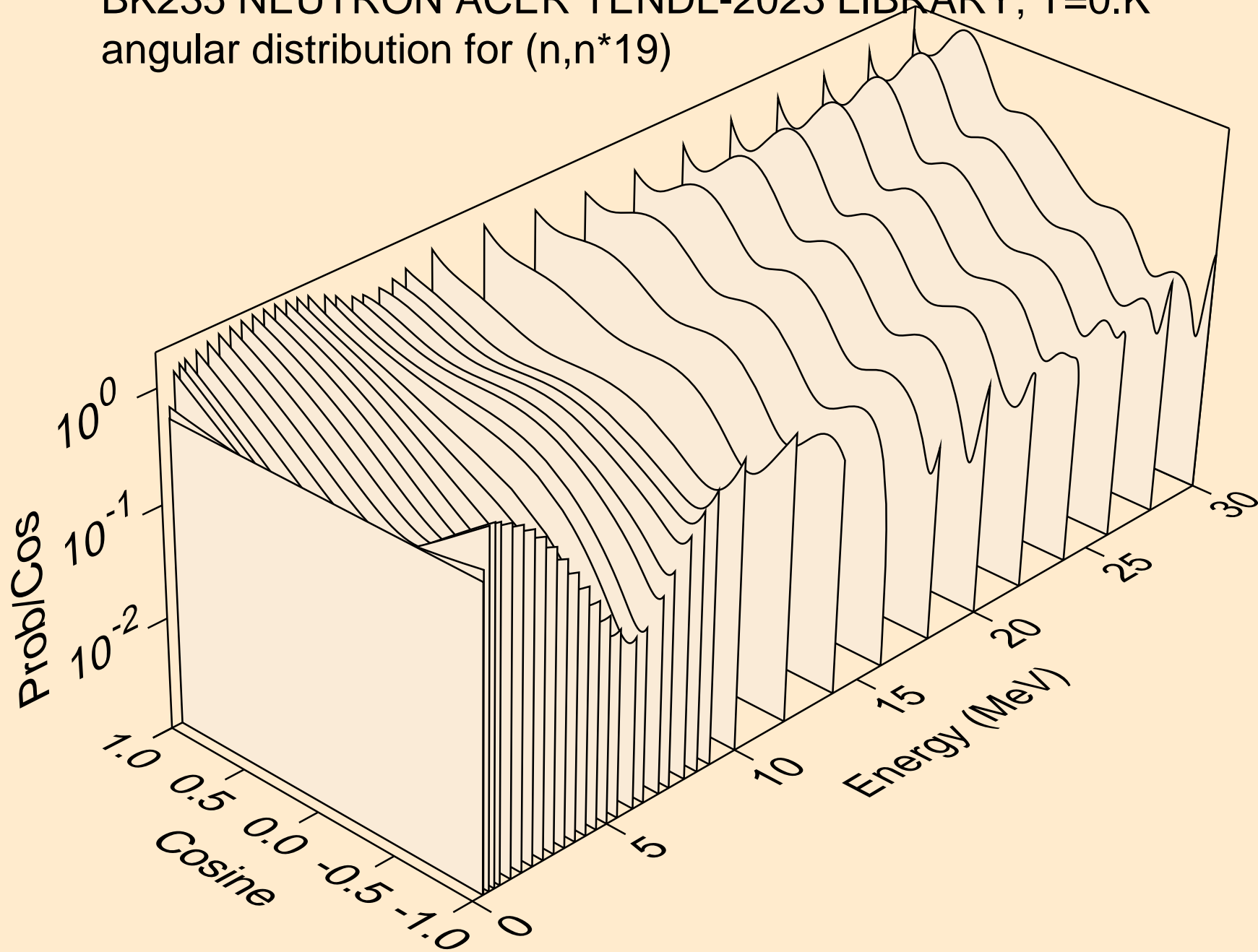
BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*18)

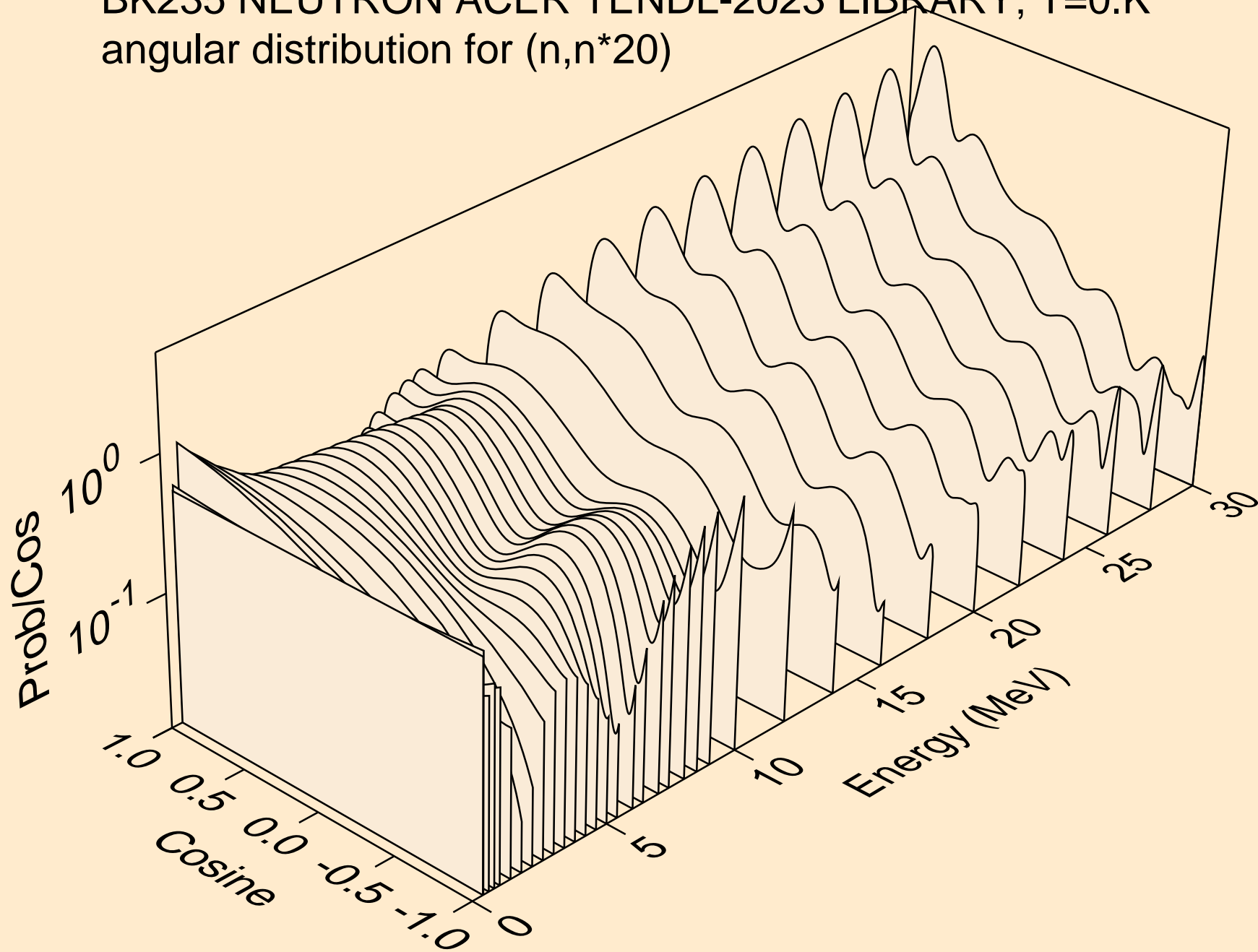


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angular distribution for (n,n\*19)

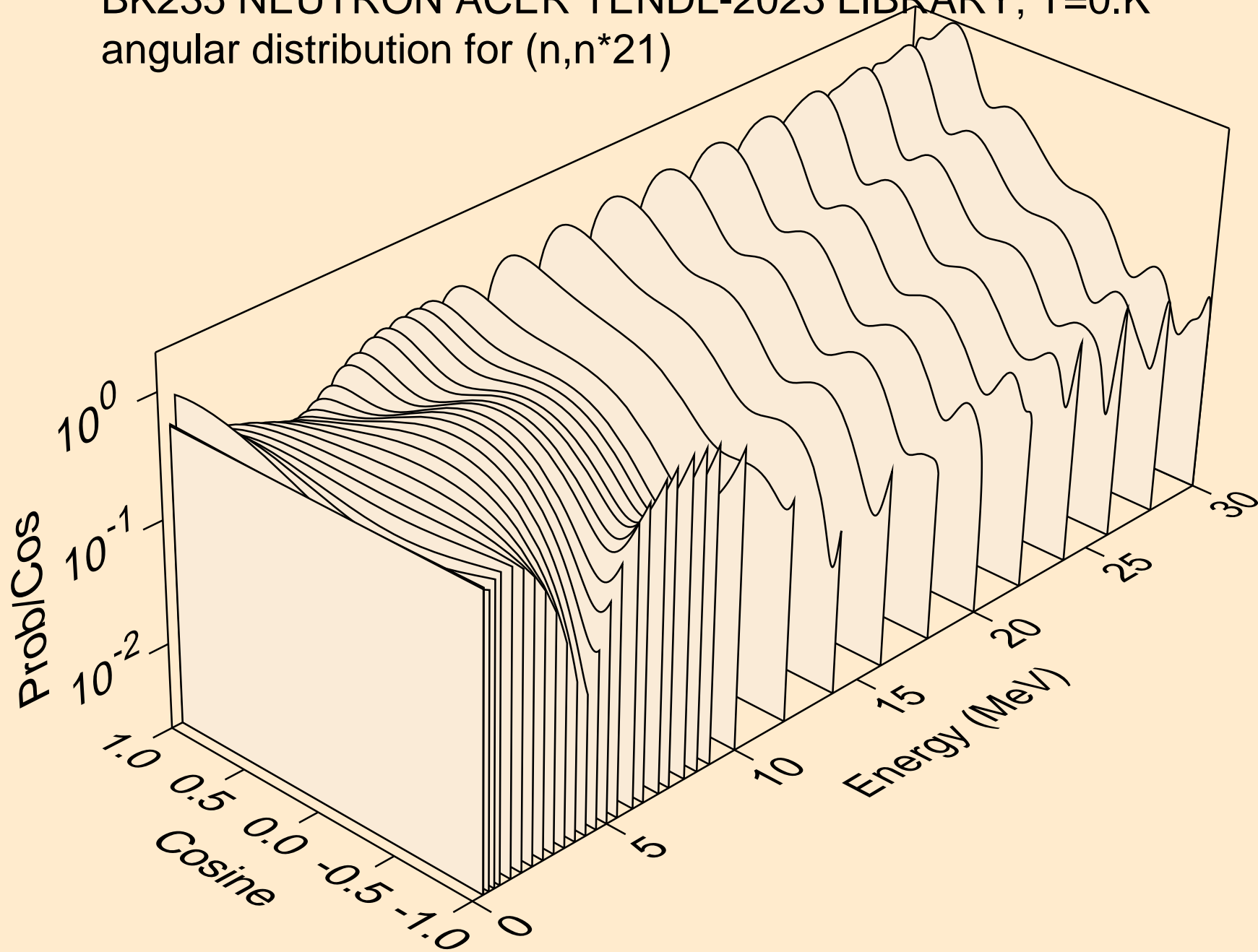




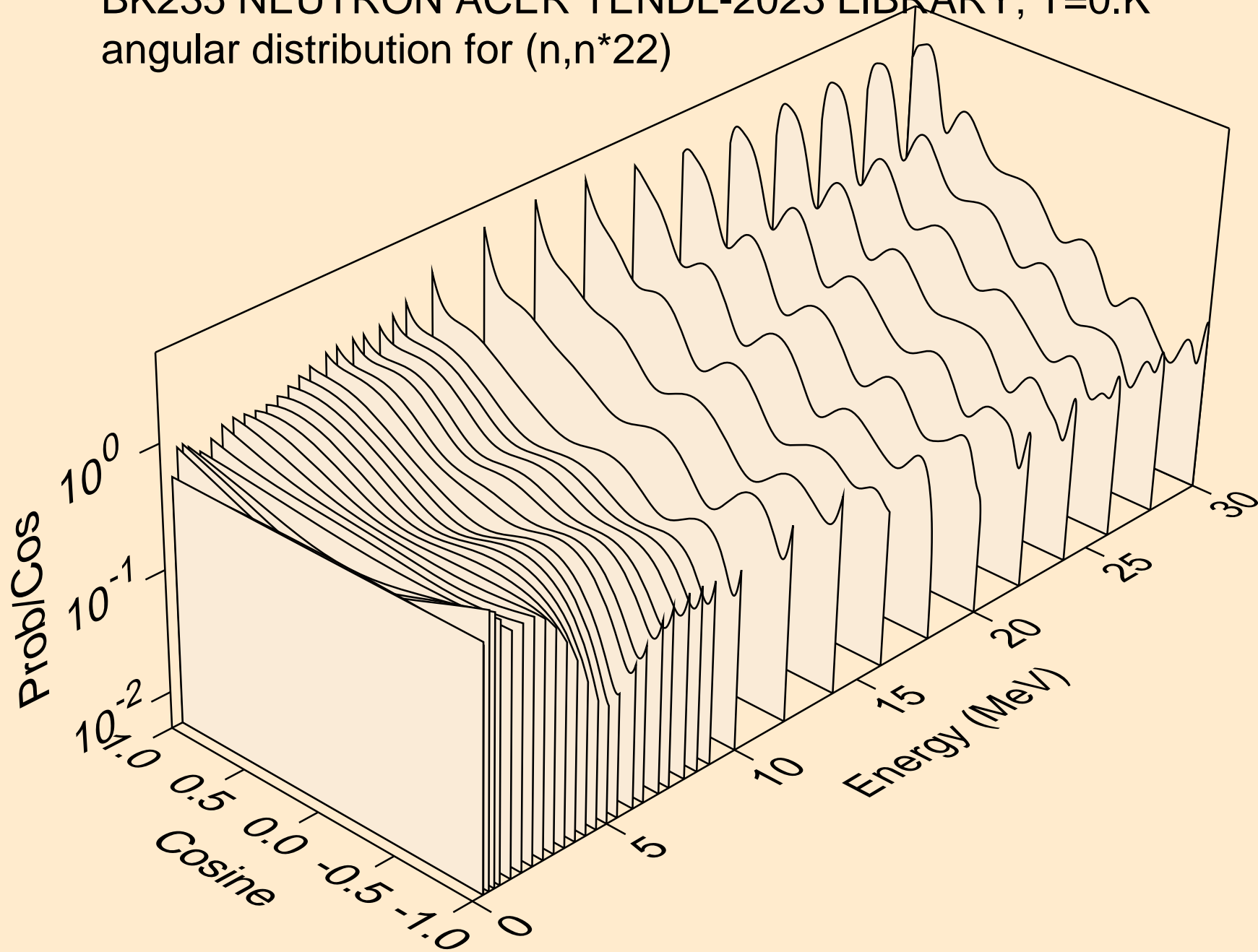
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angular distribution for (n,n\*20)



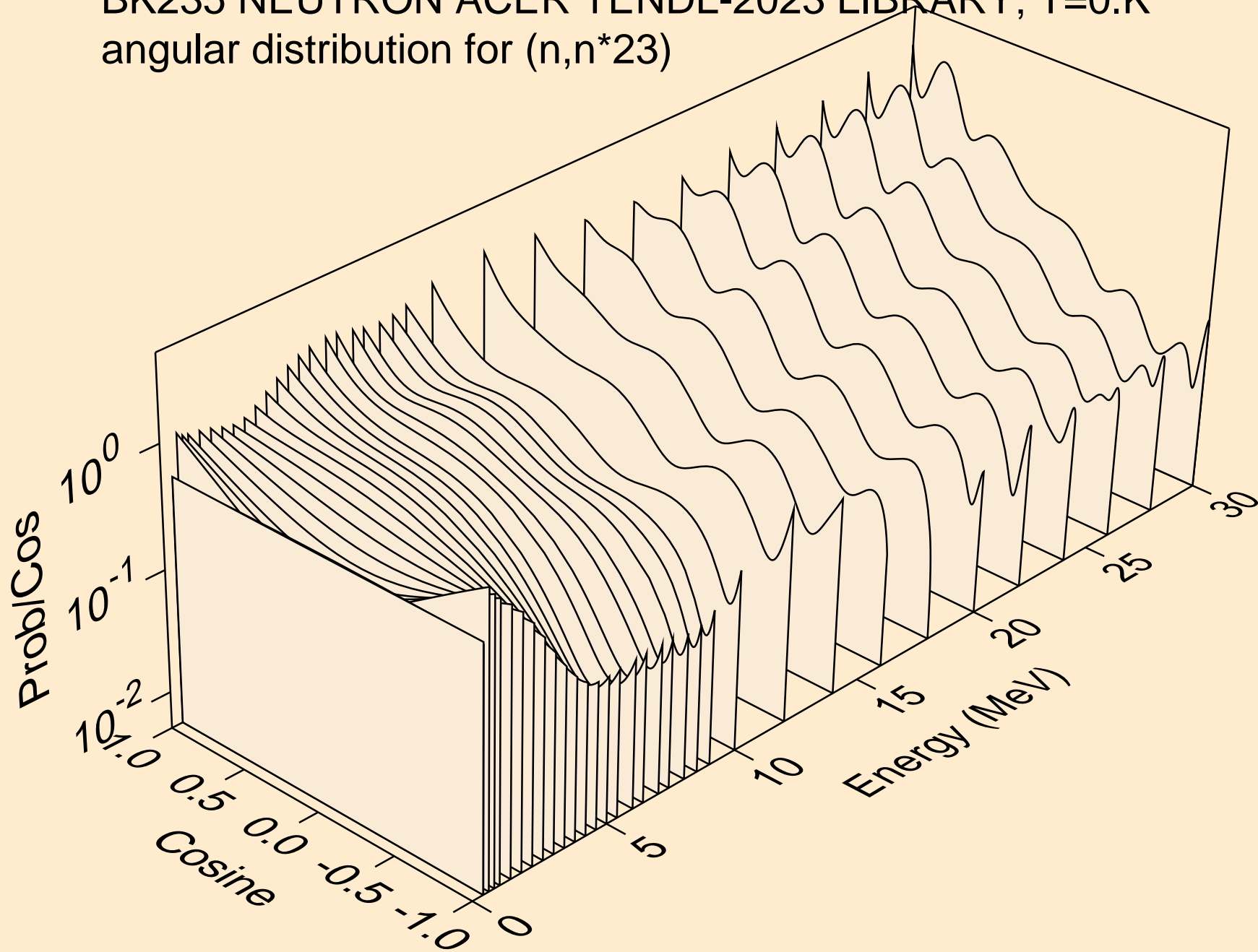
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angular distribution for (n,n\*21)



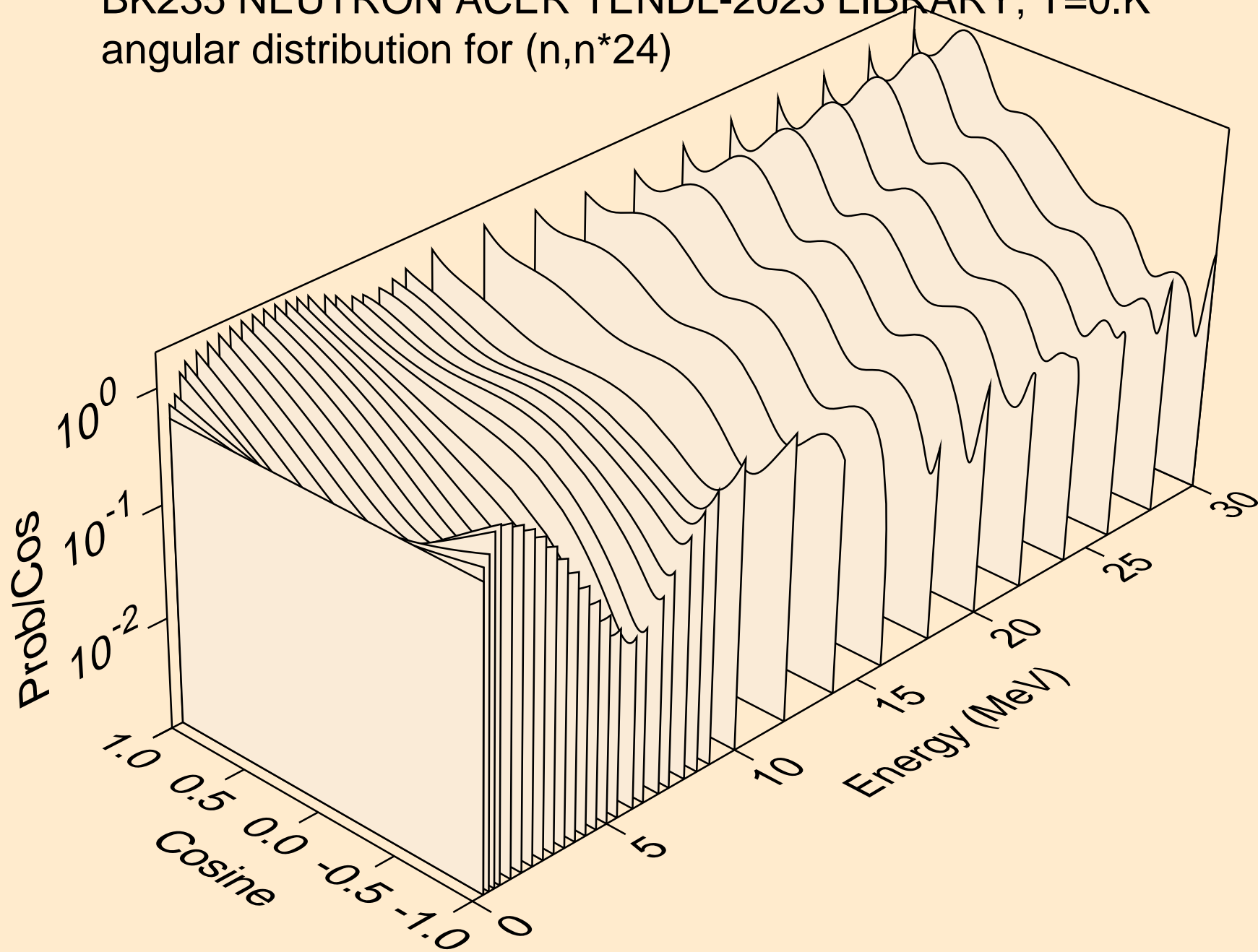
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angular distribution for (n,n\*22)



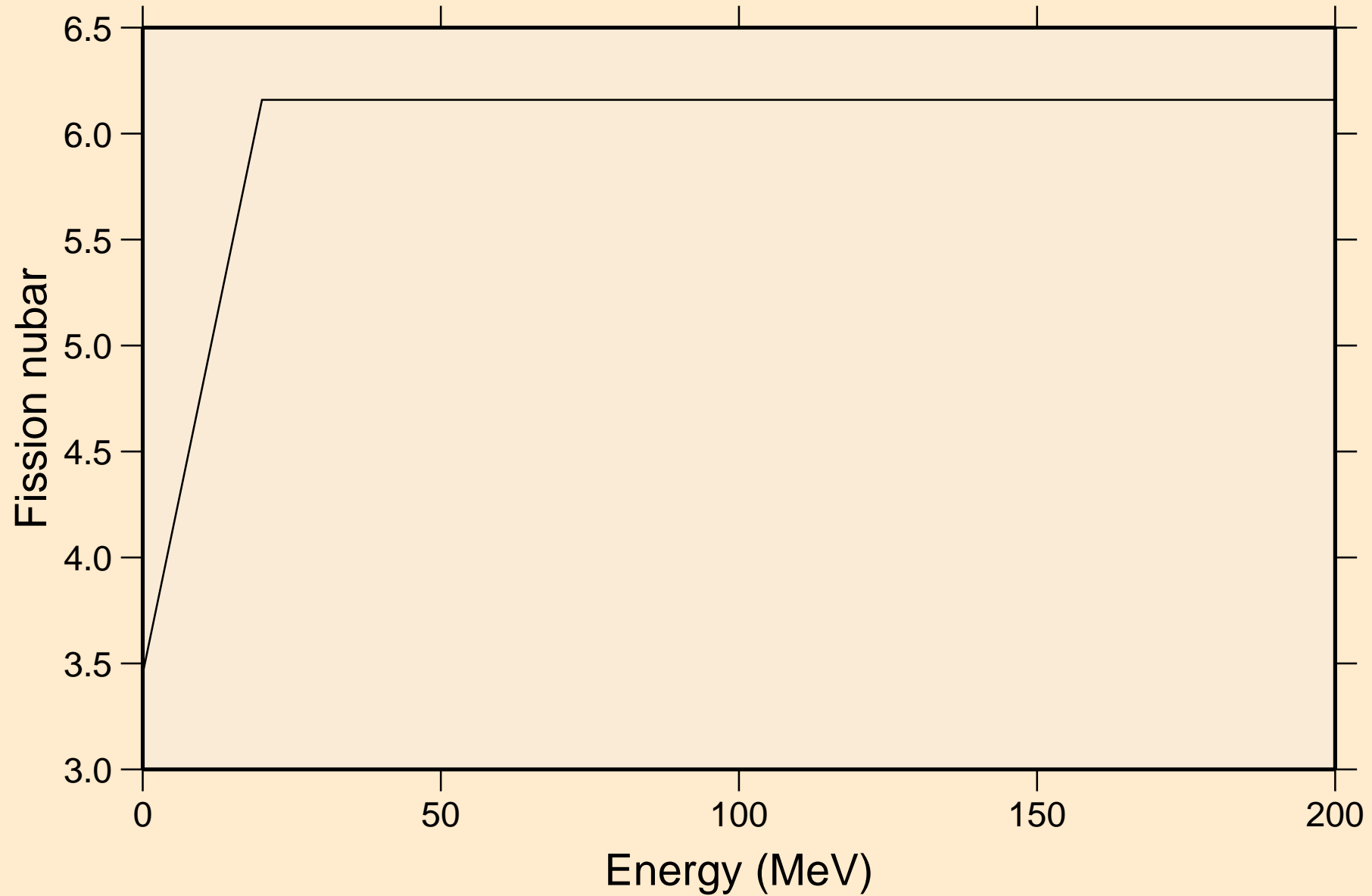
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angular distribution for (n,n\*23)



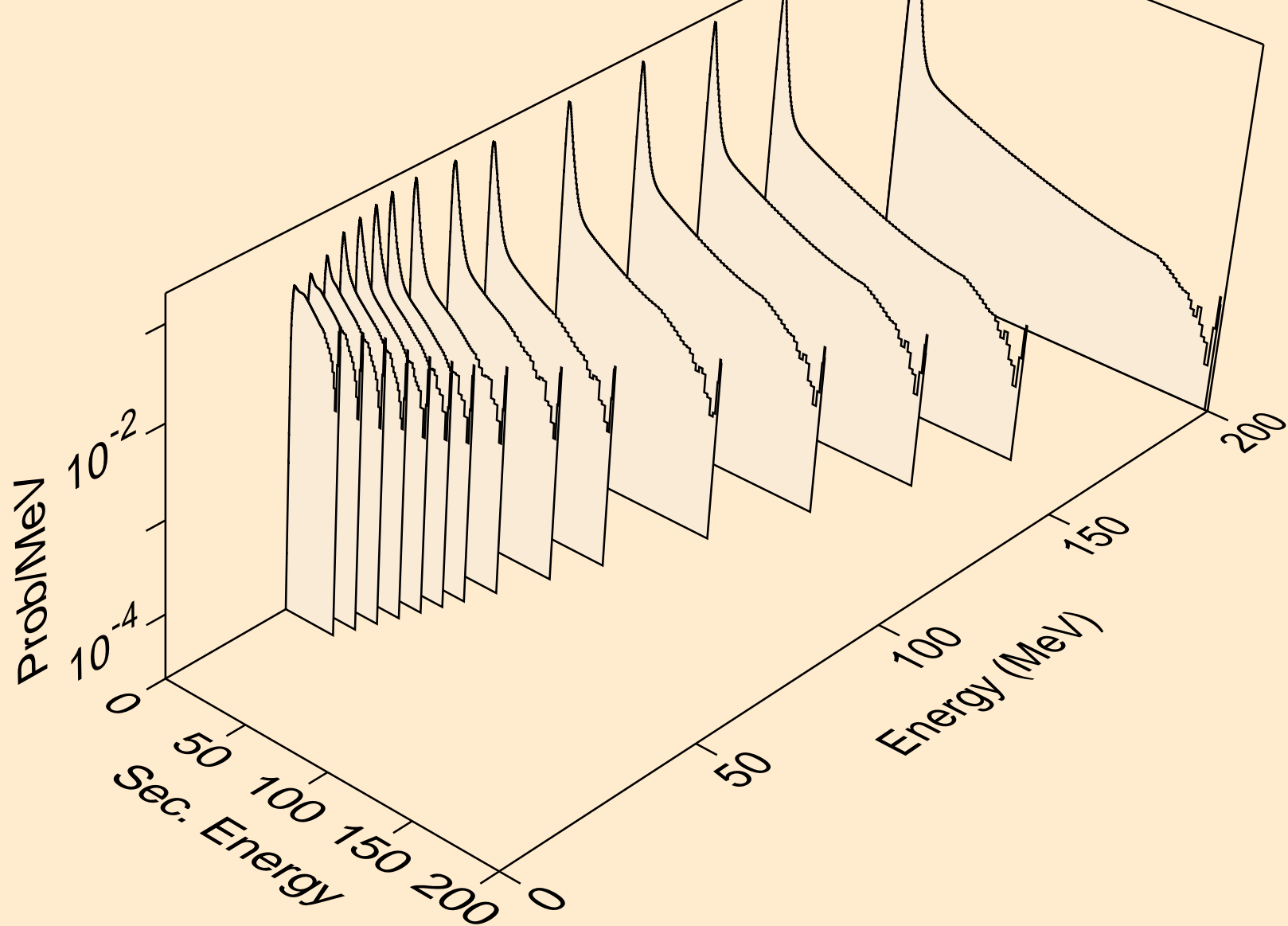
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angular distribution for (n,n\*24)



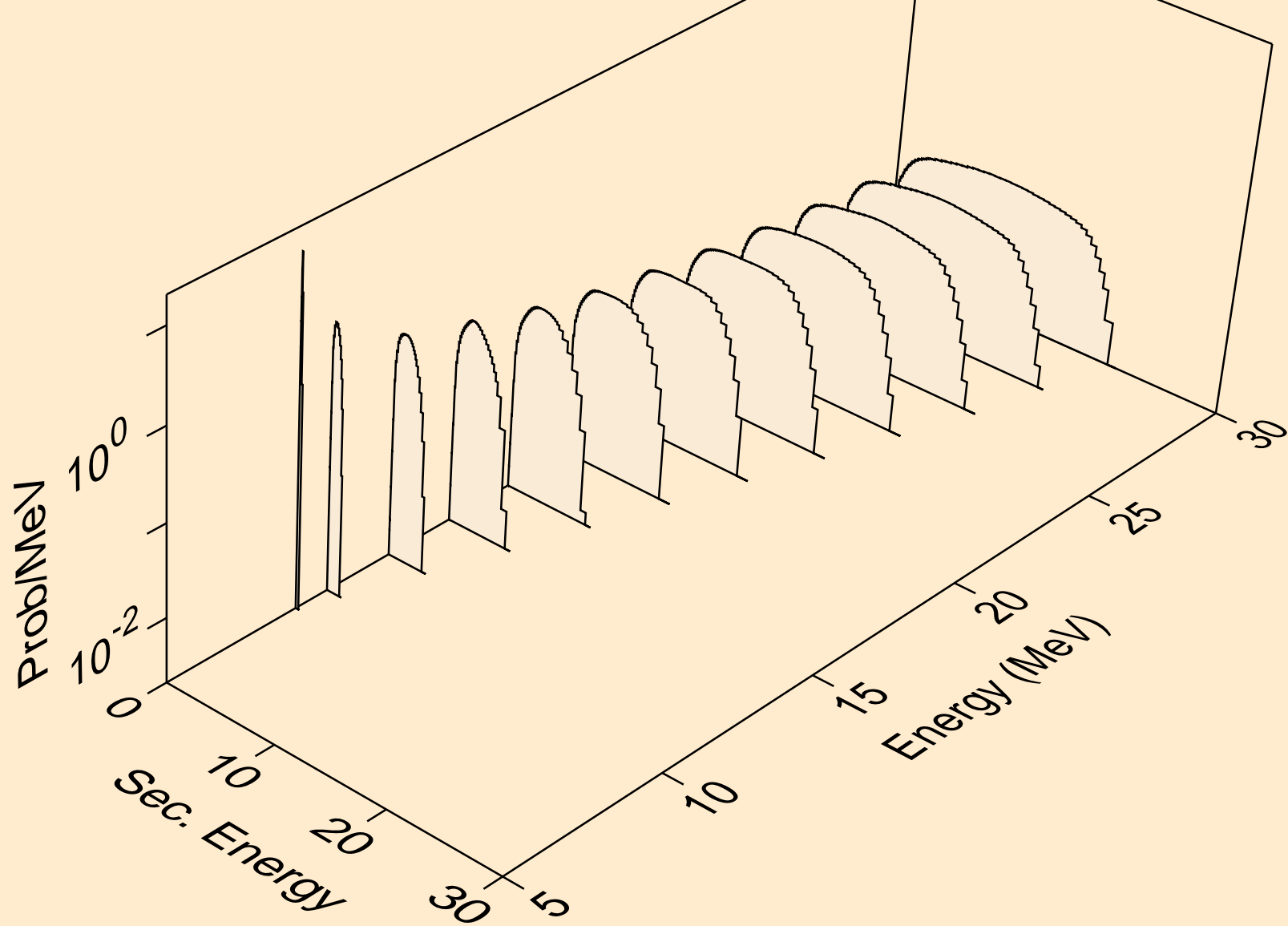
BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Total fission nubar



BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)

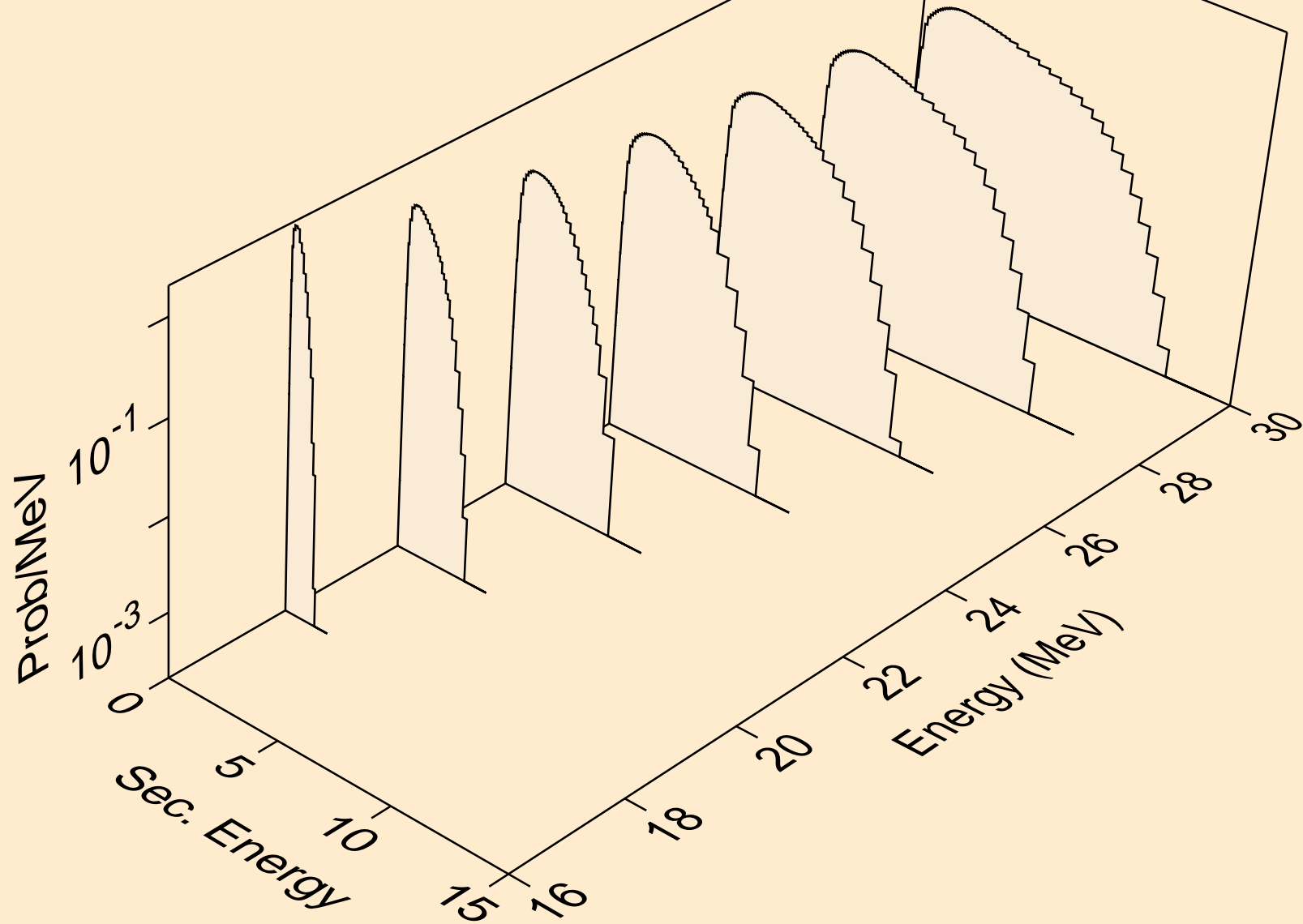


BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)

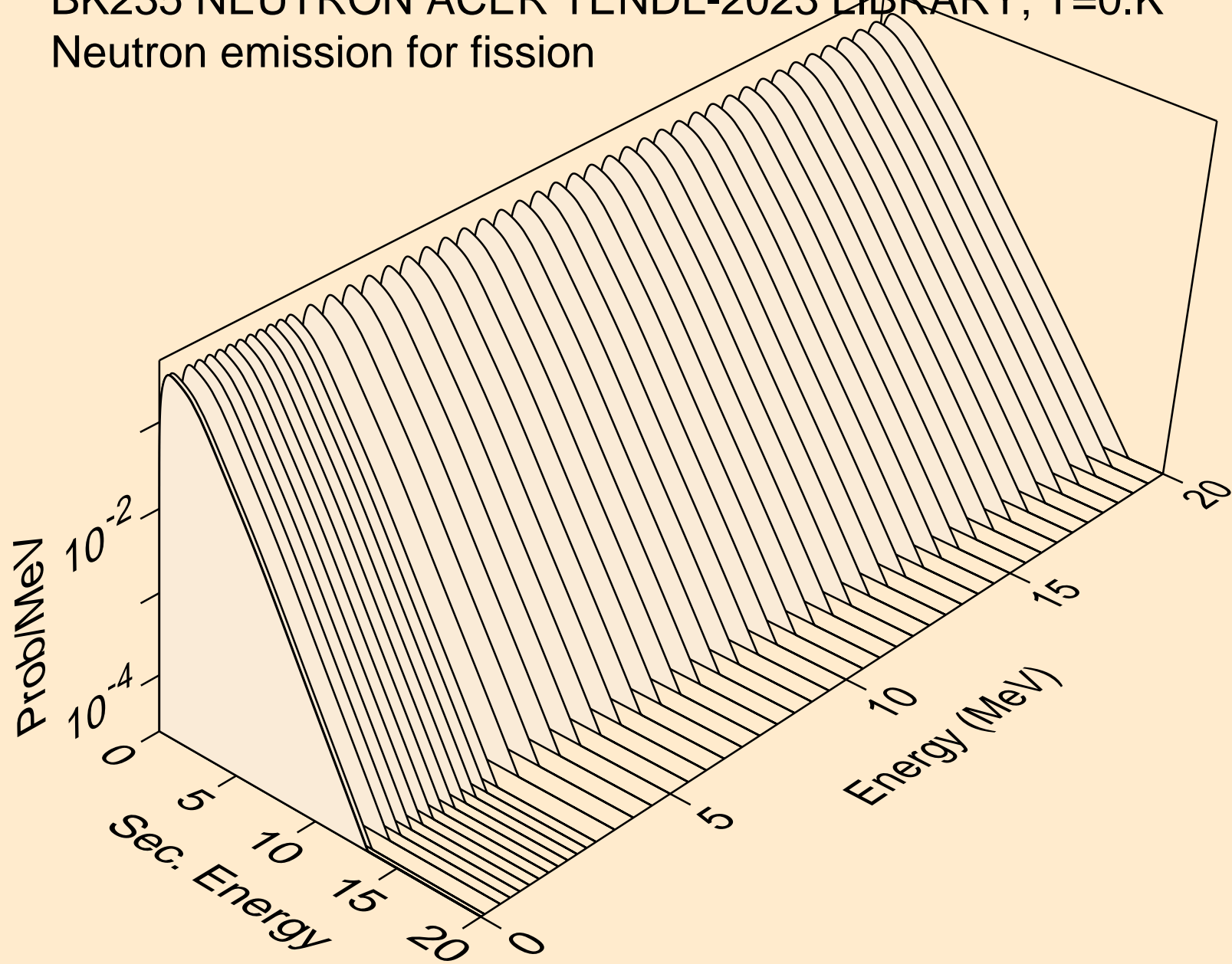




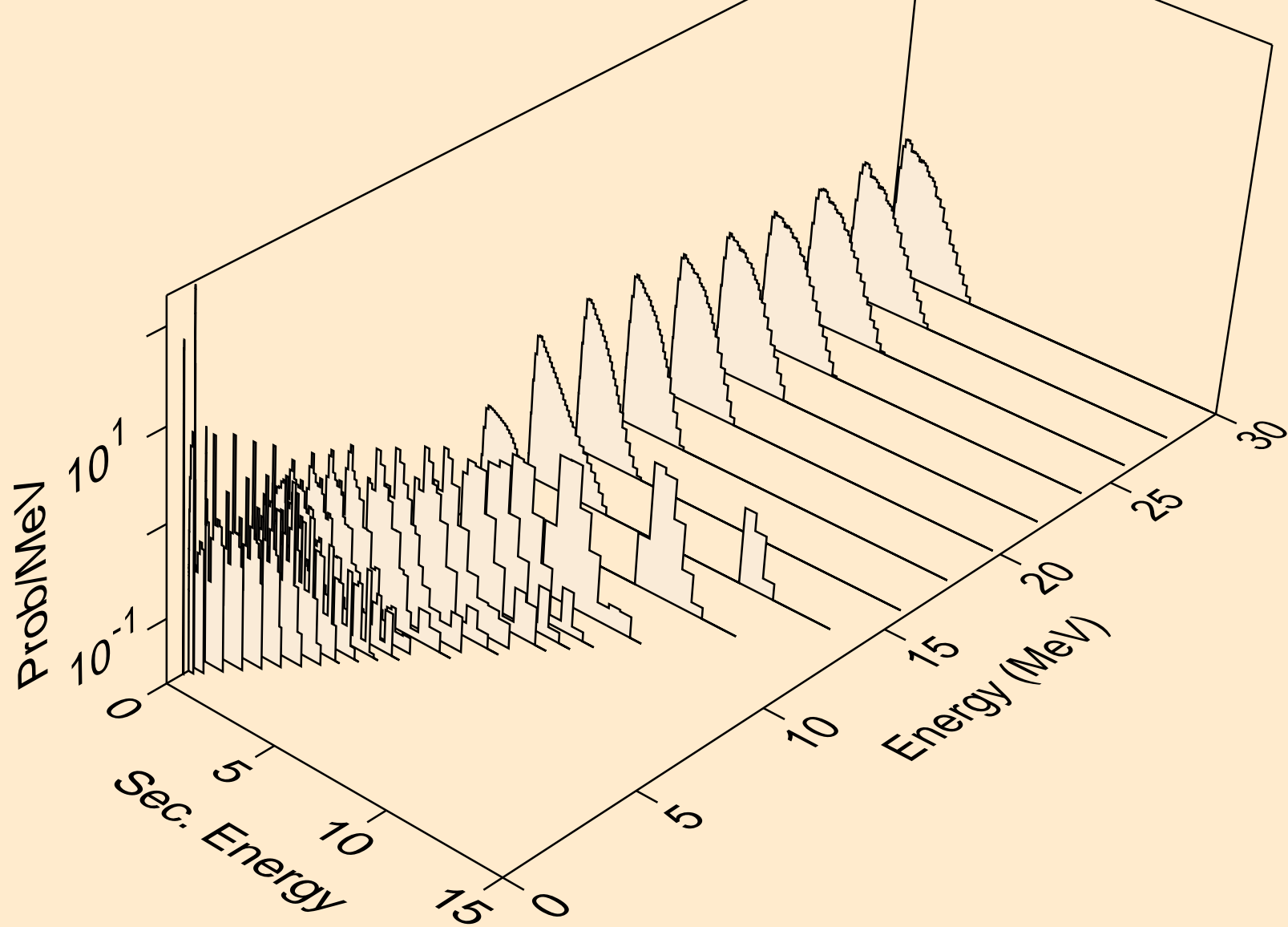
BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)



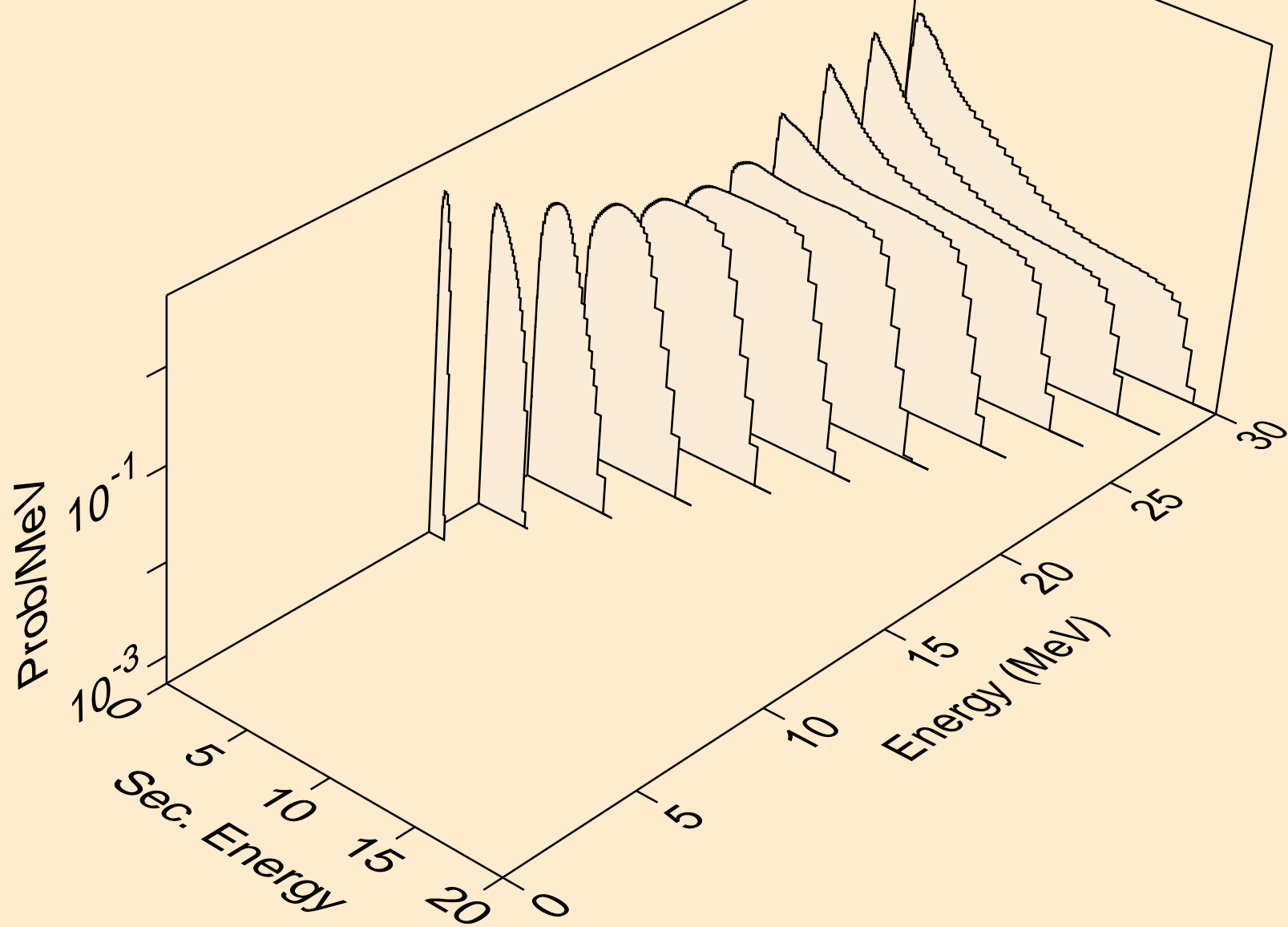
BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for fission



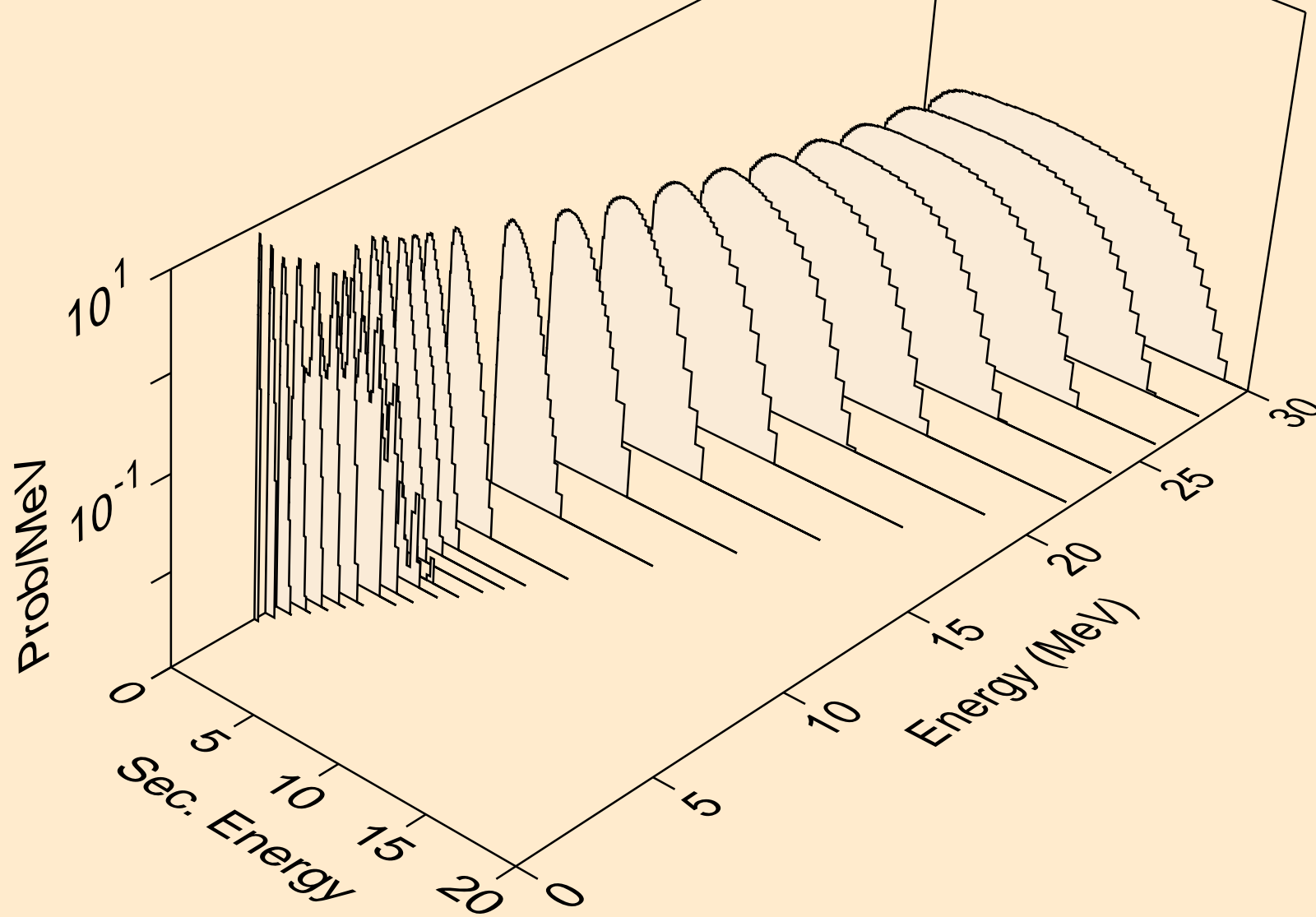
BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



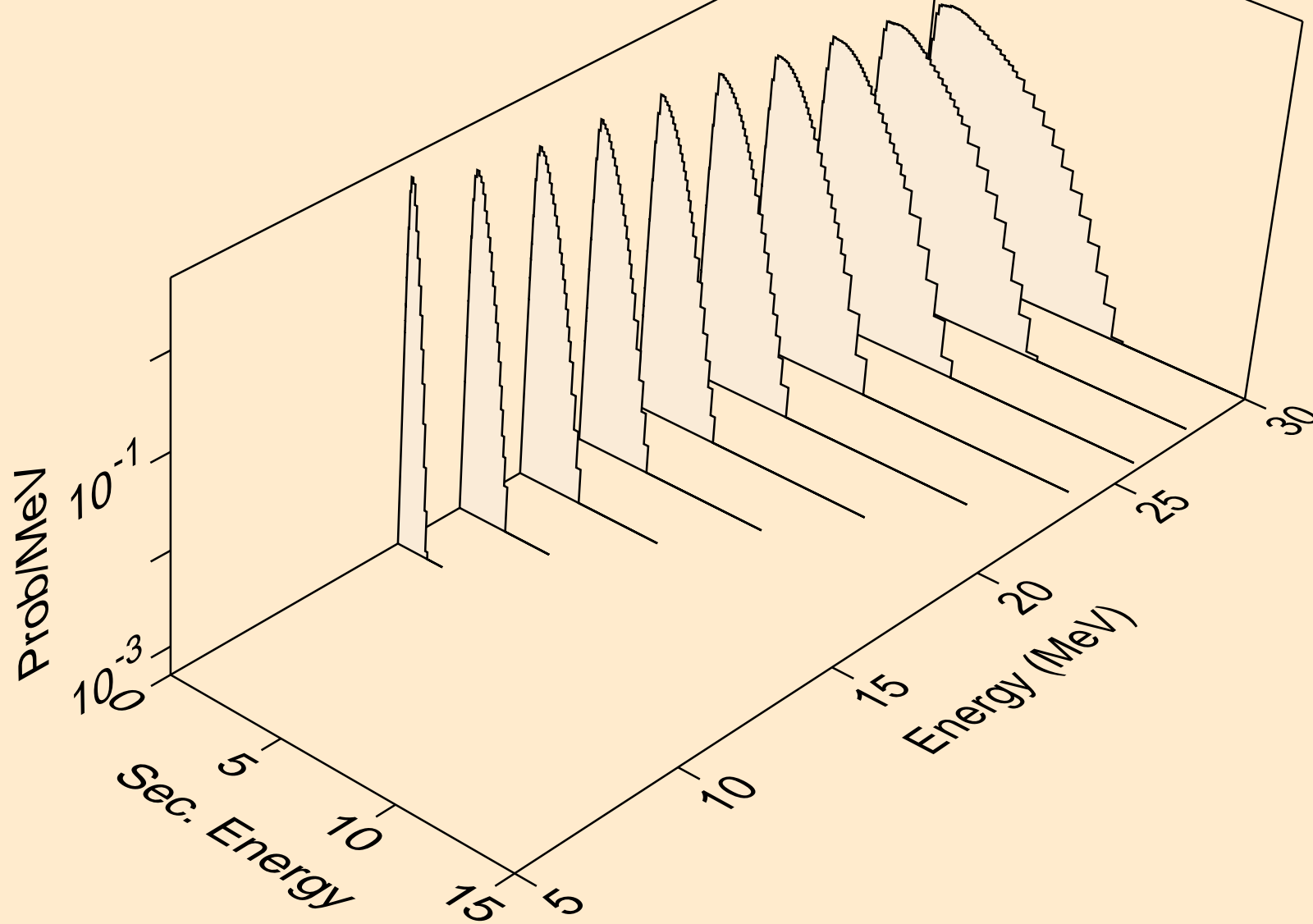
BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



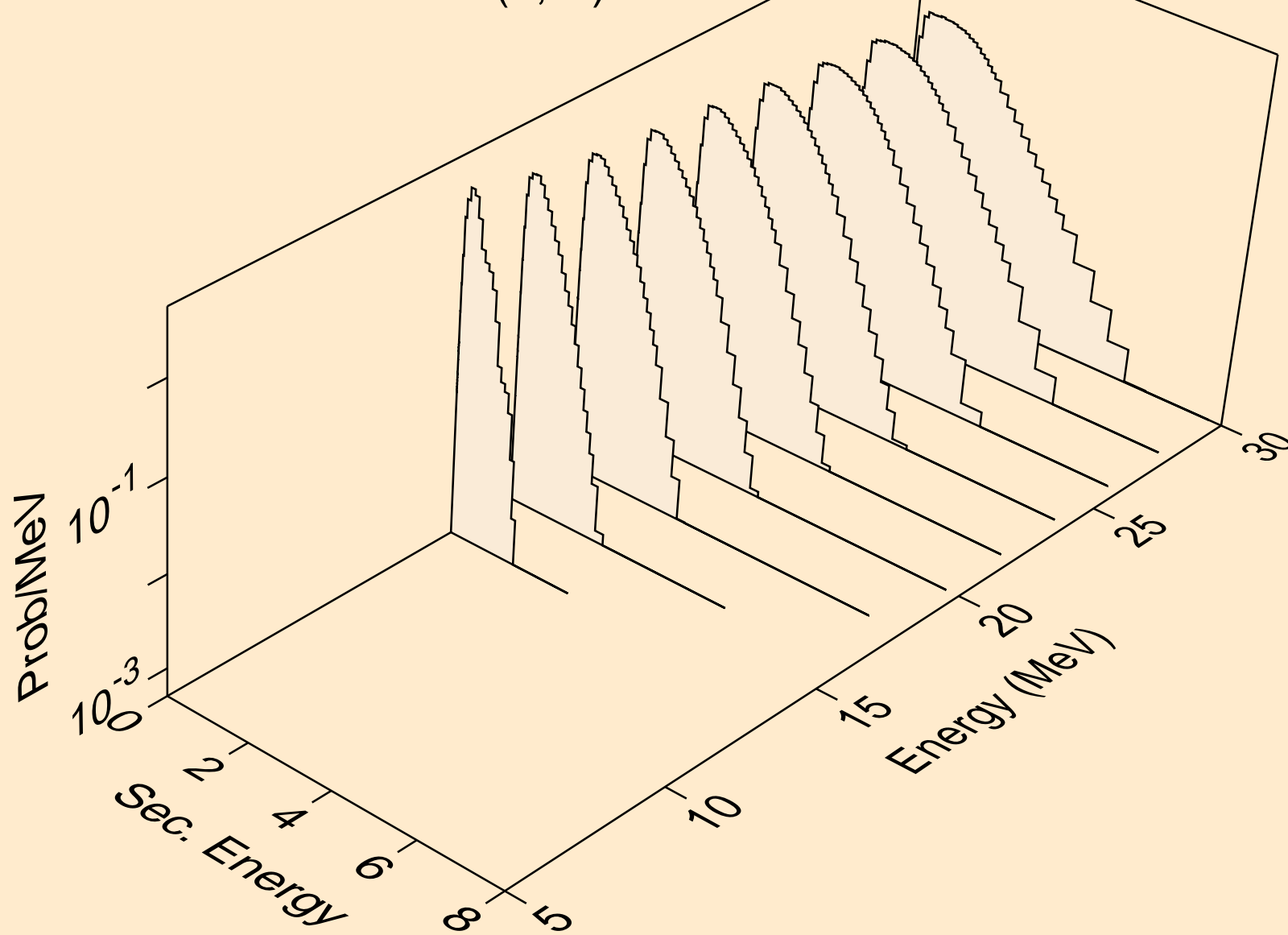
BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



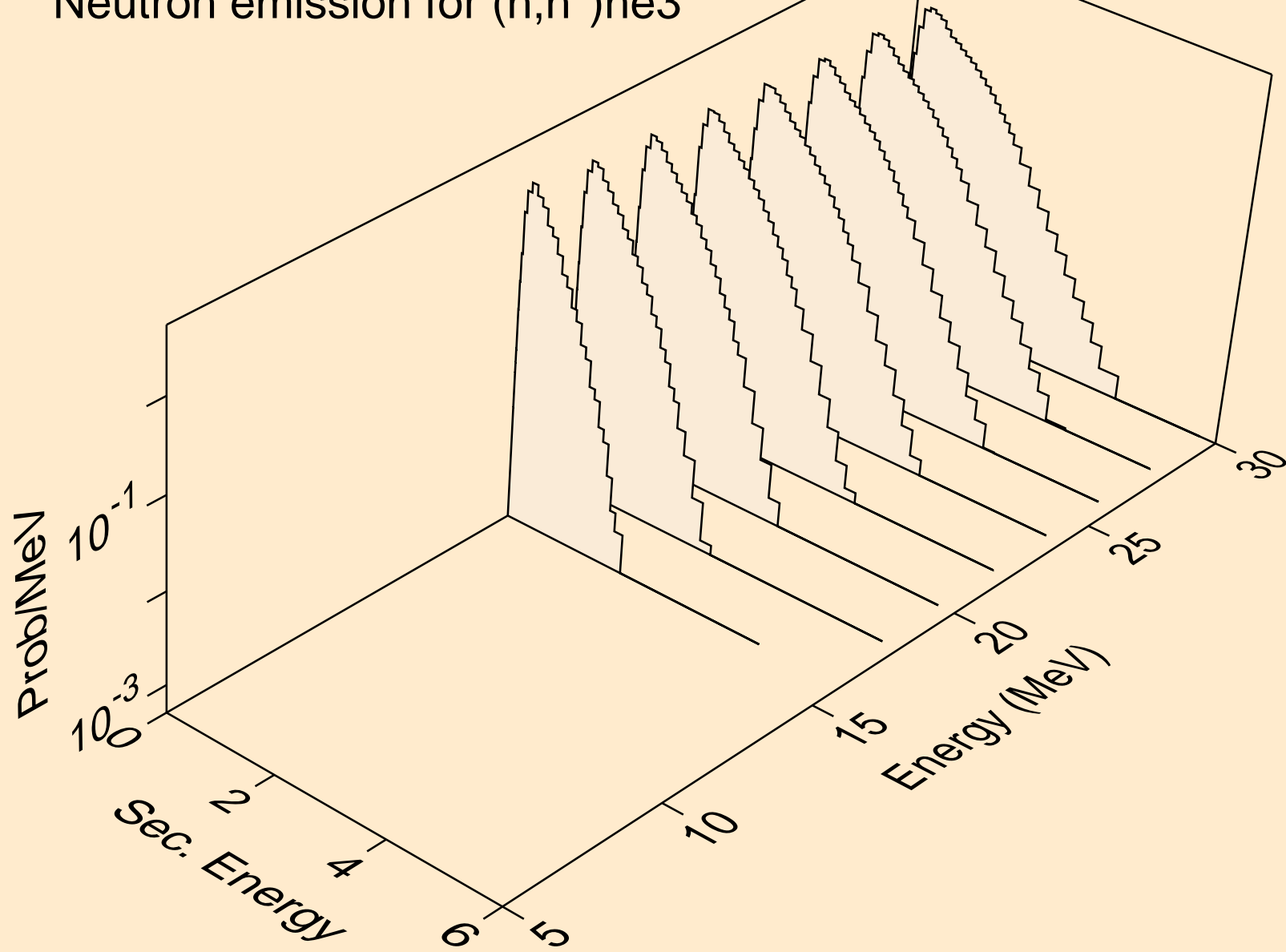
BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t

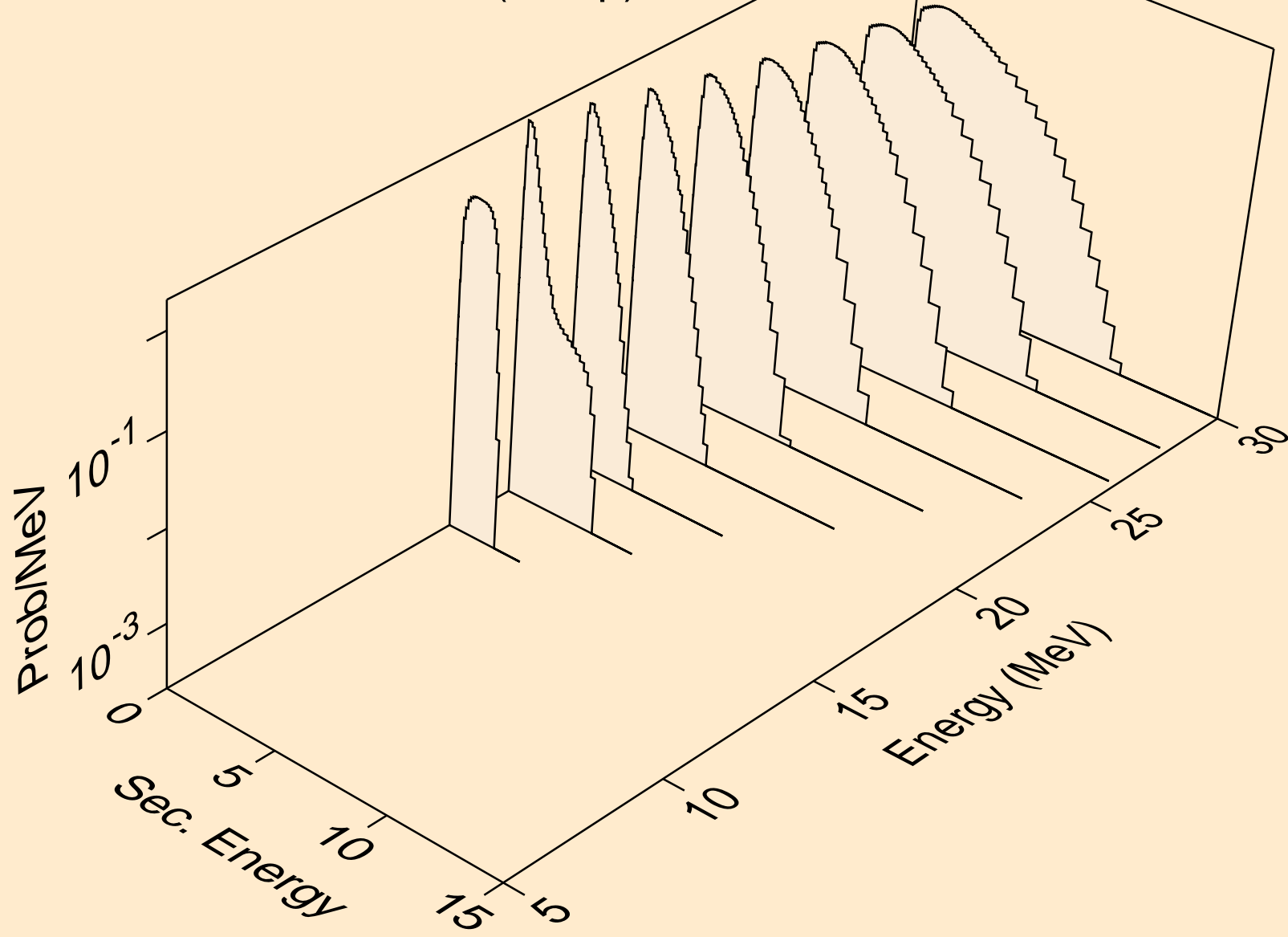


BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3

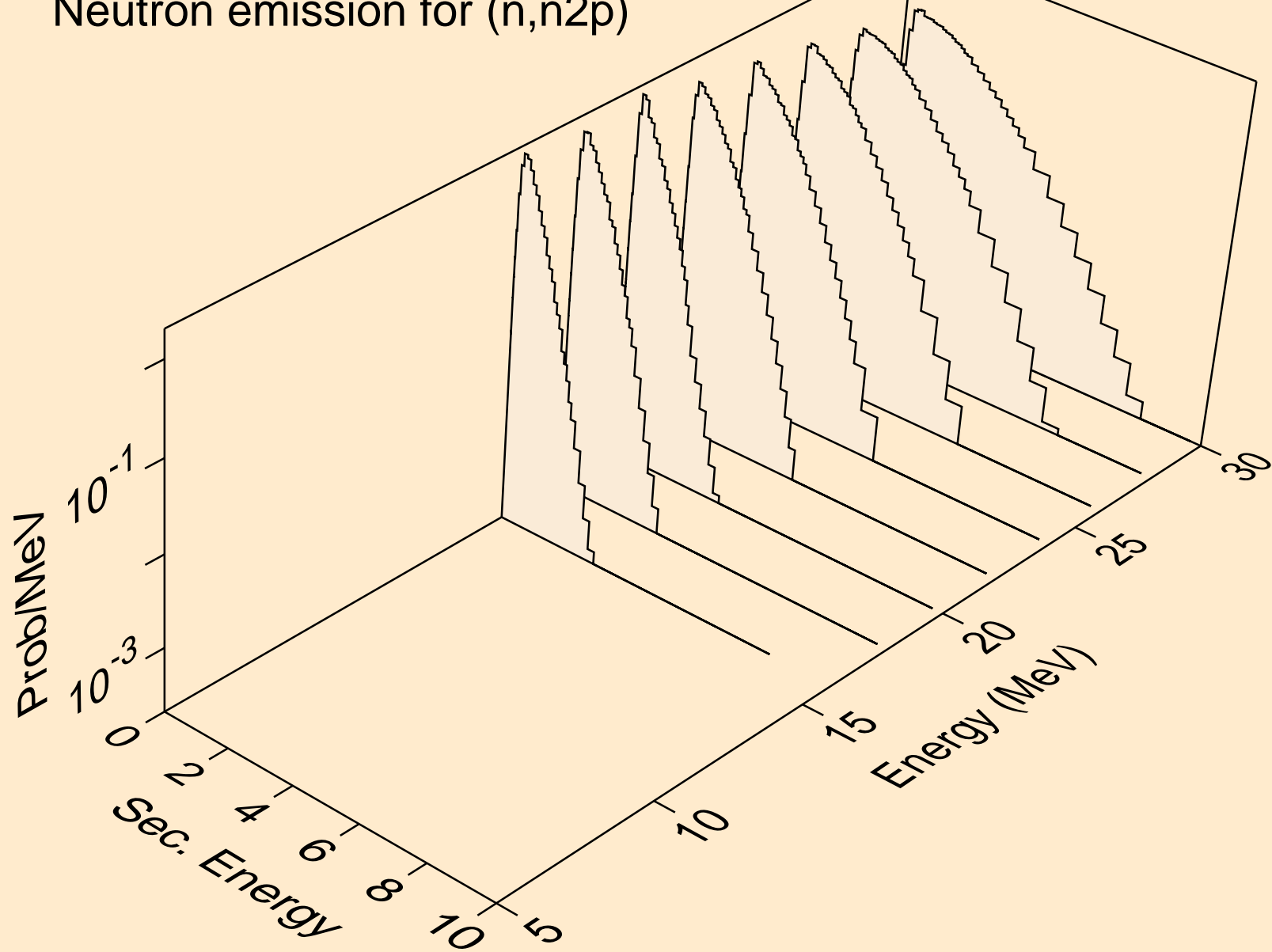




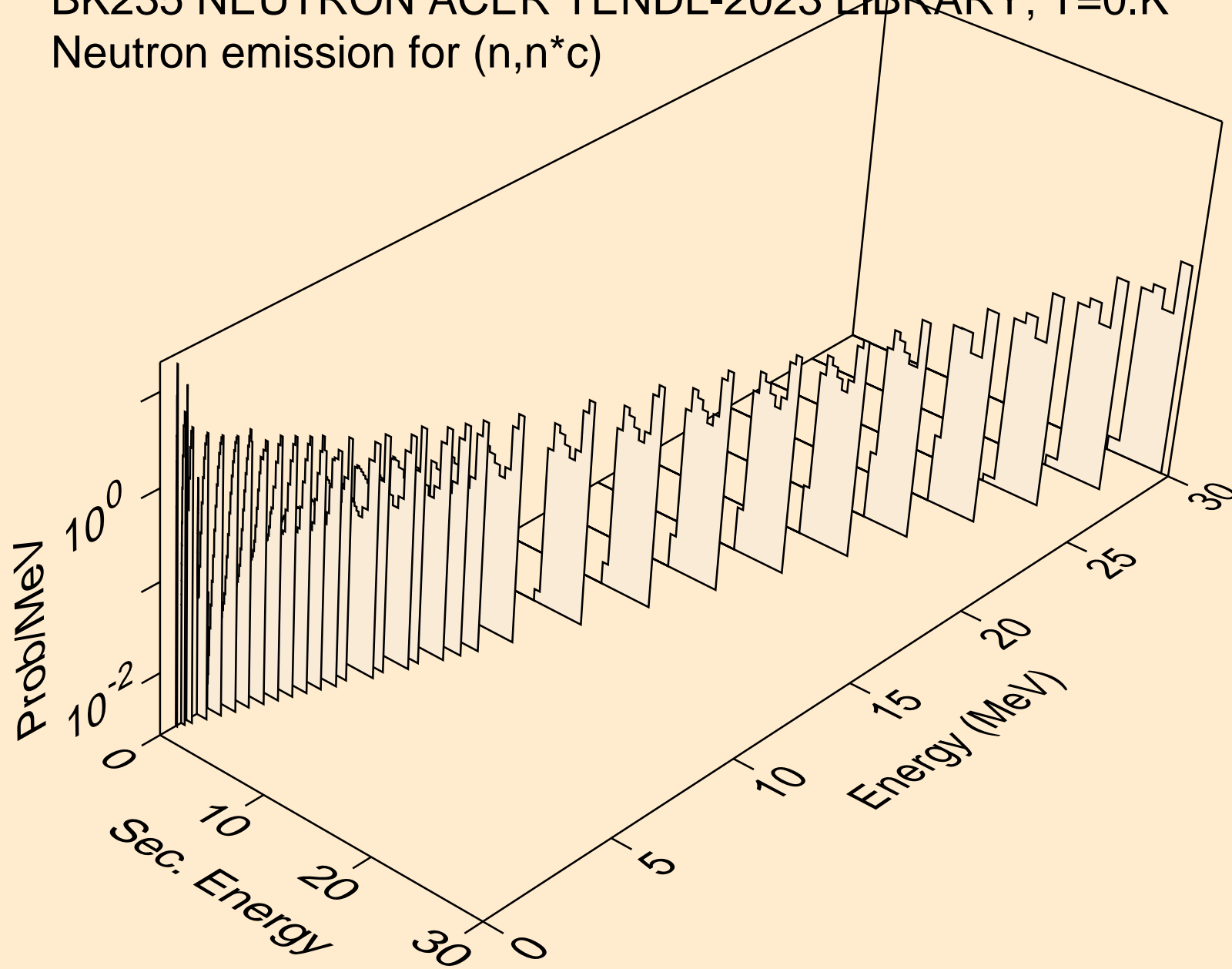
BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)



BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)

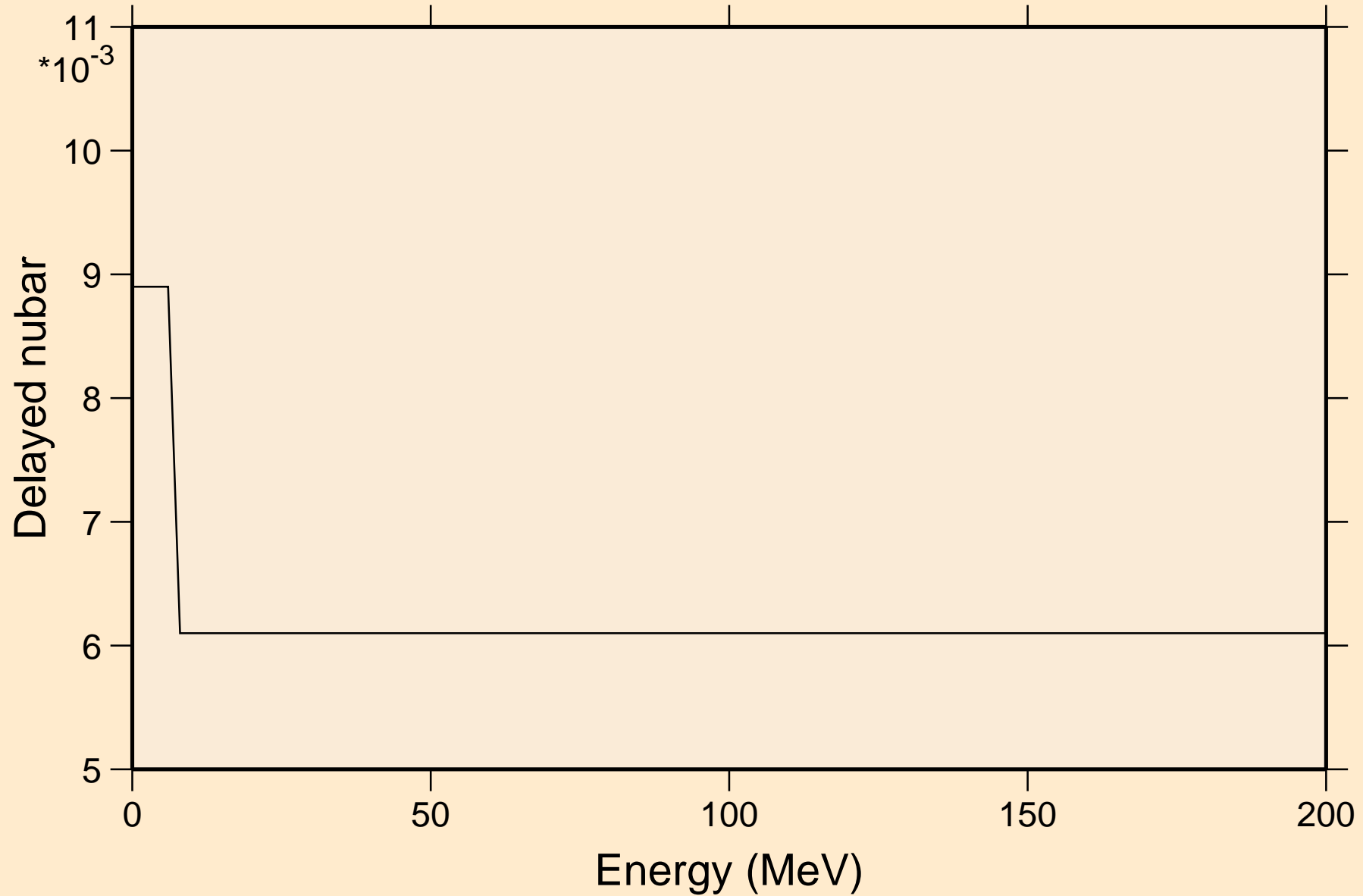


BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



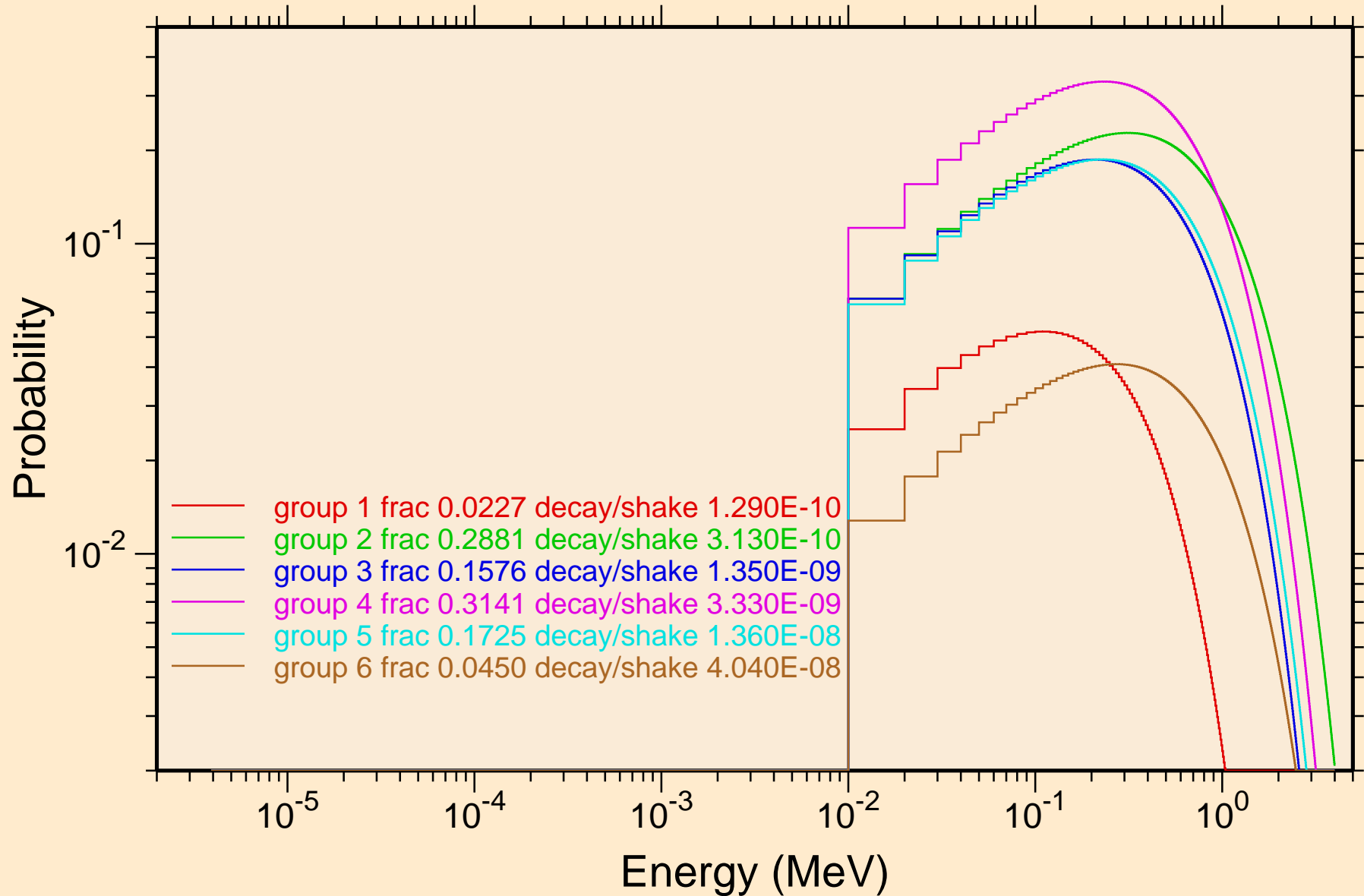
# BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Delayed nubar

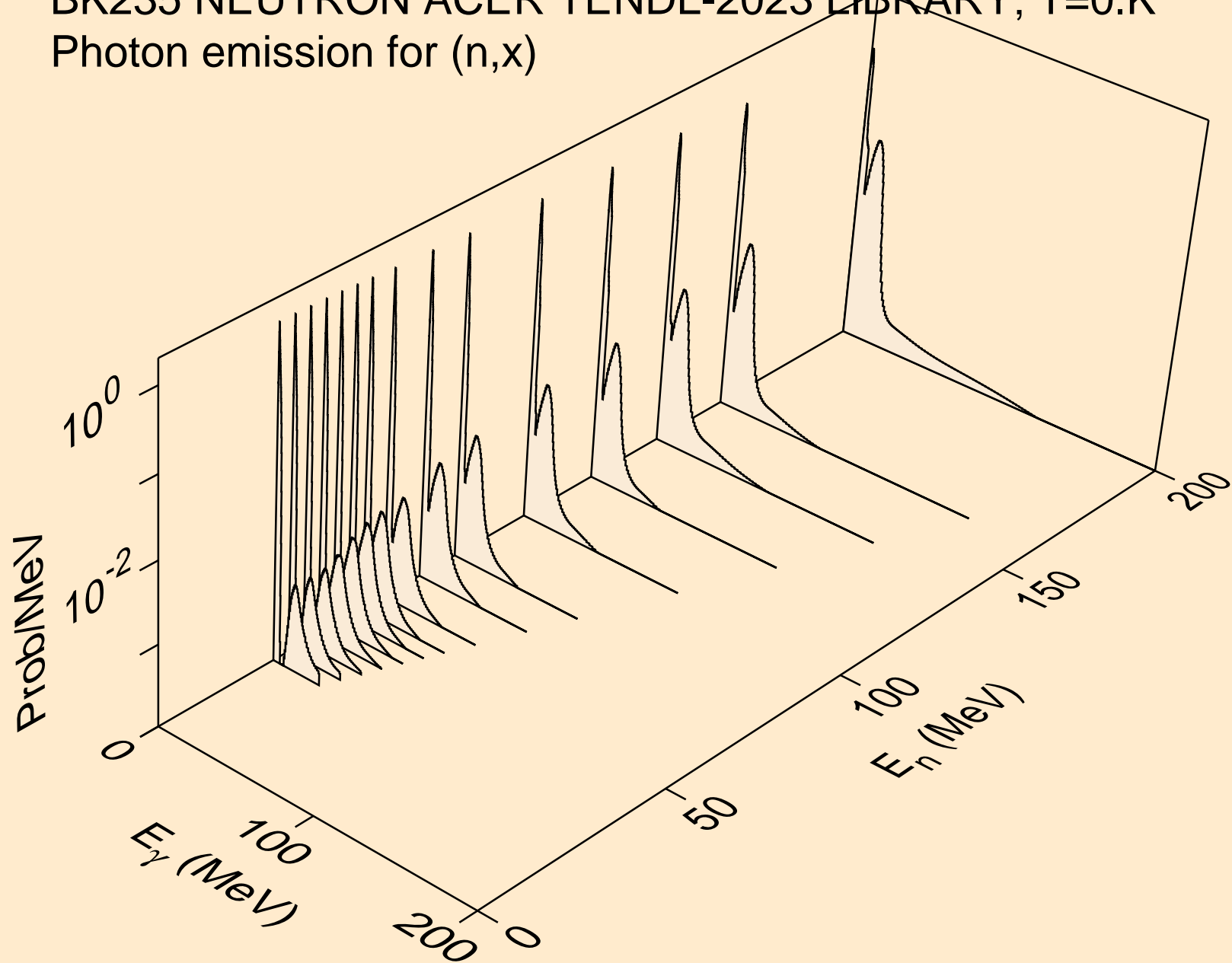


# BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

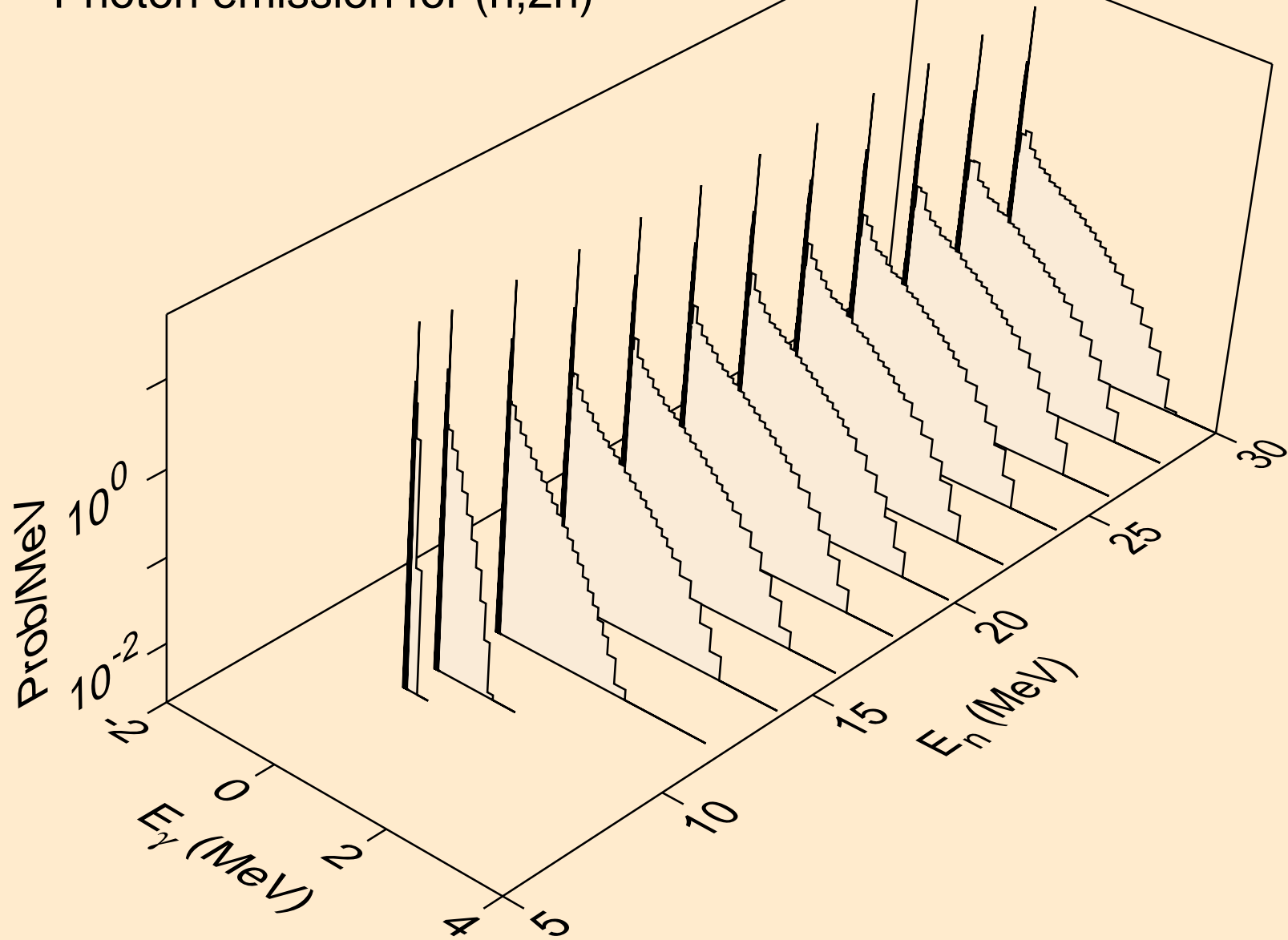
## Delayed neutron spectra



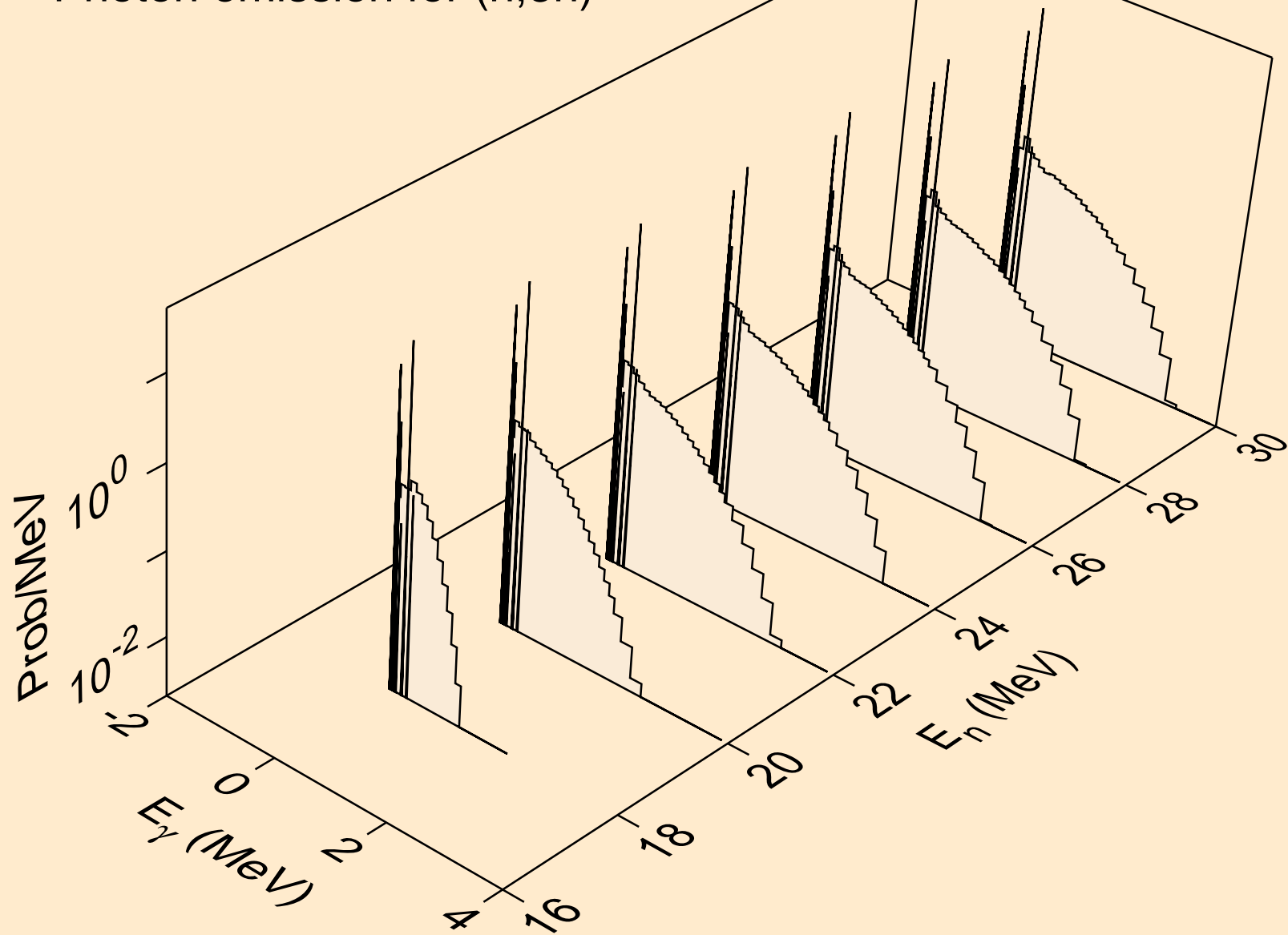
BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

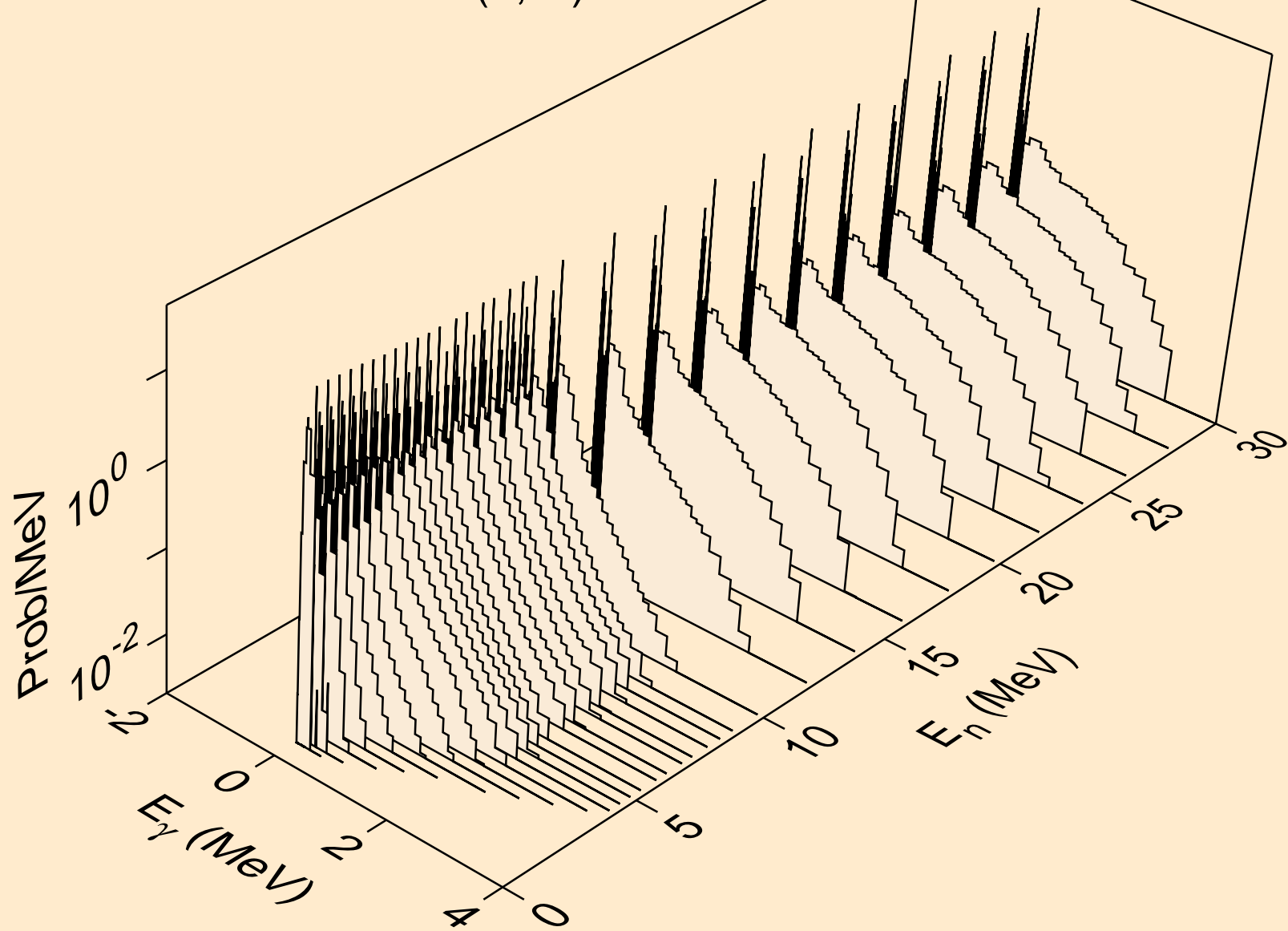


BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)

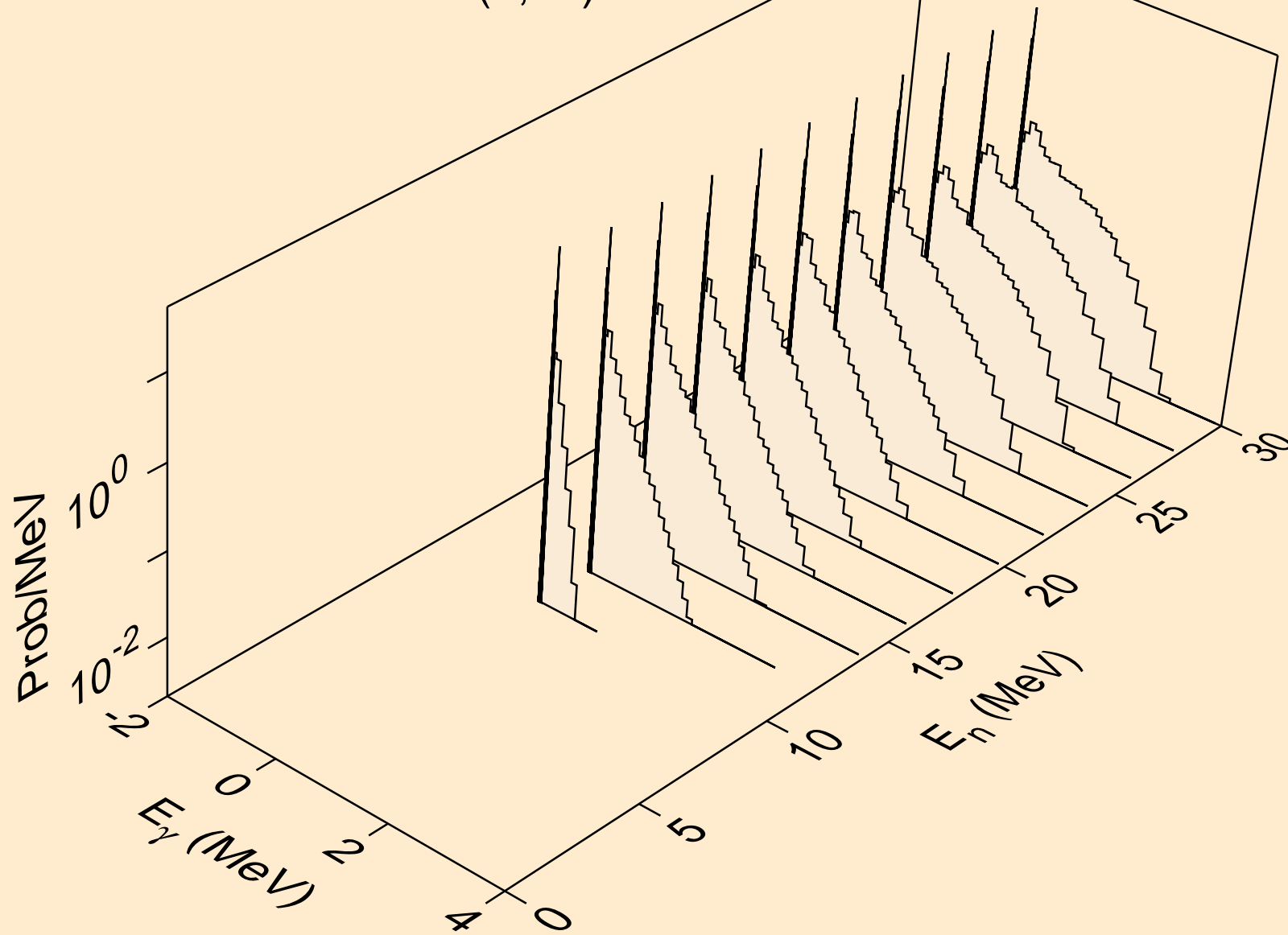




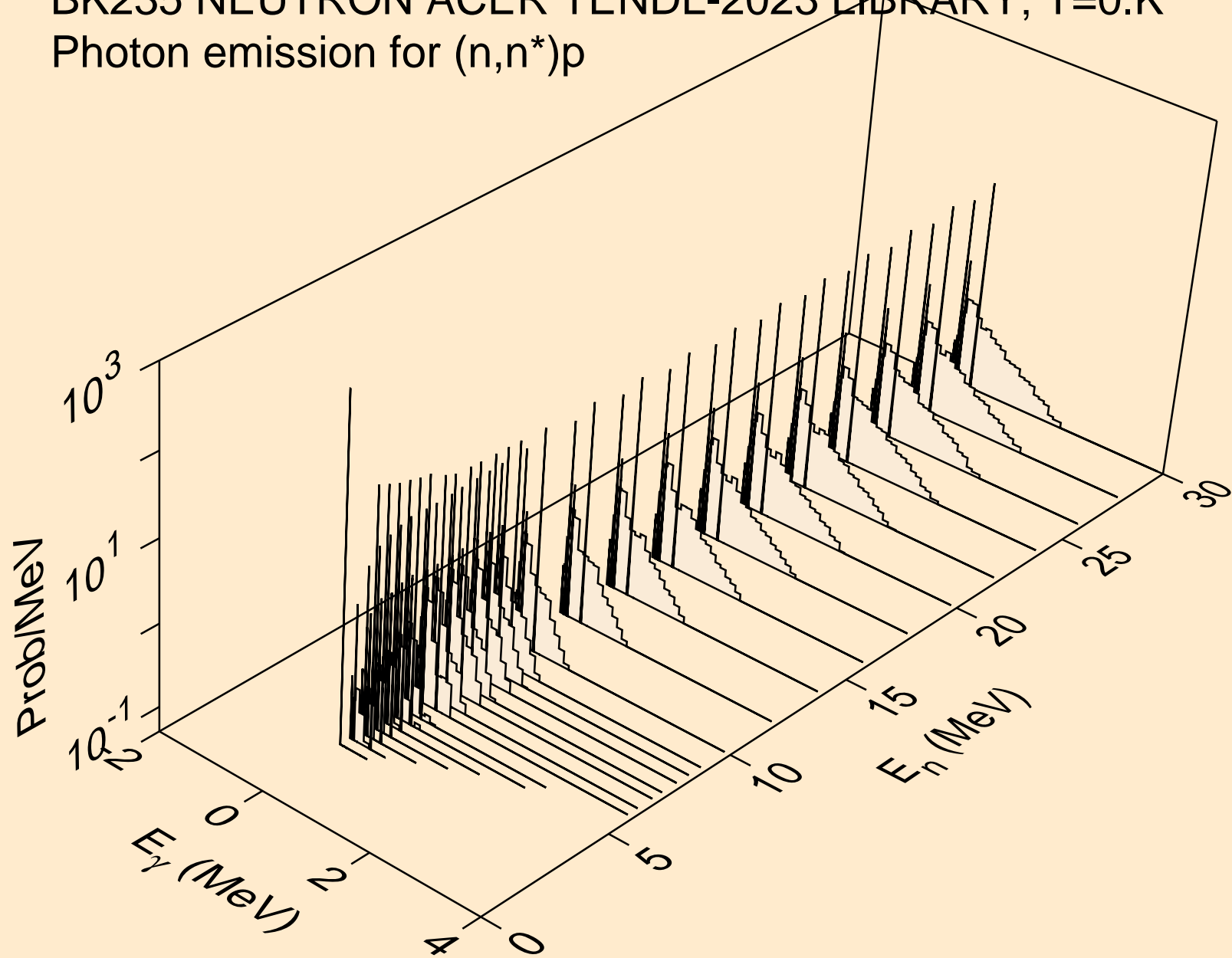
BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



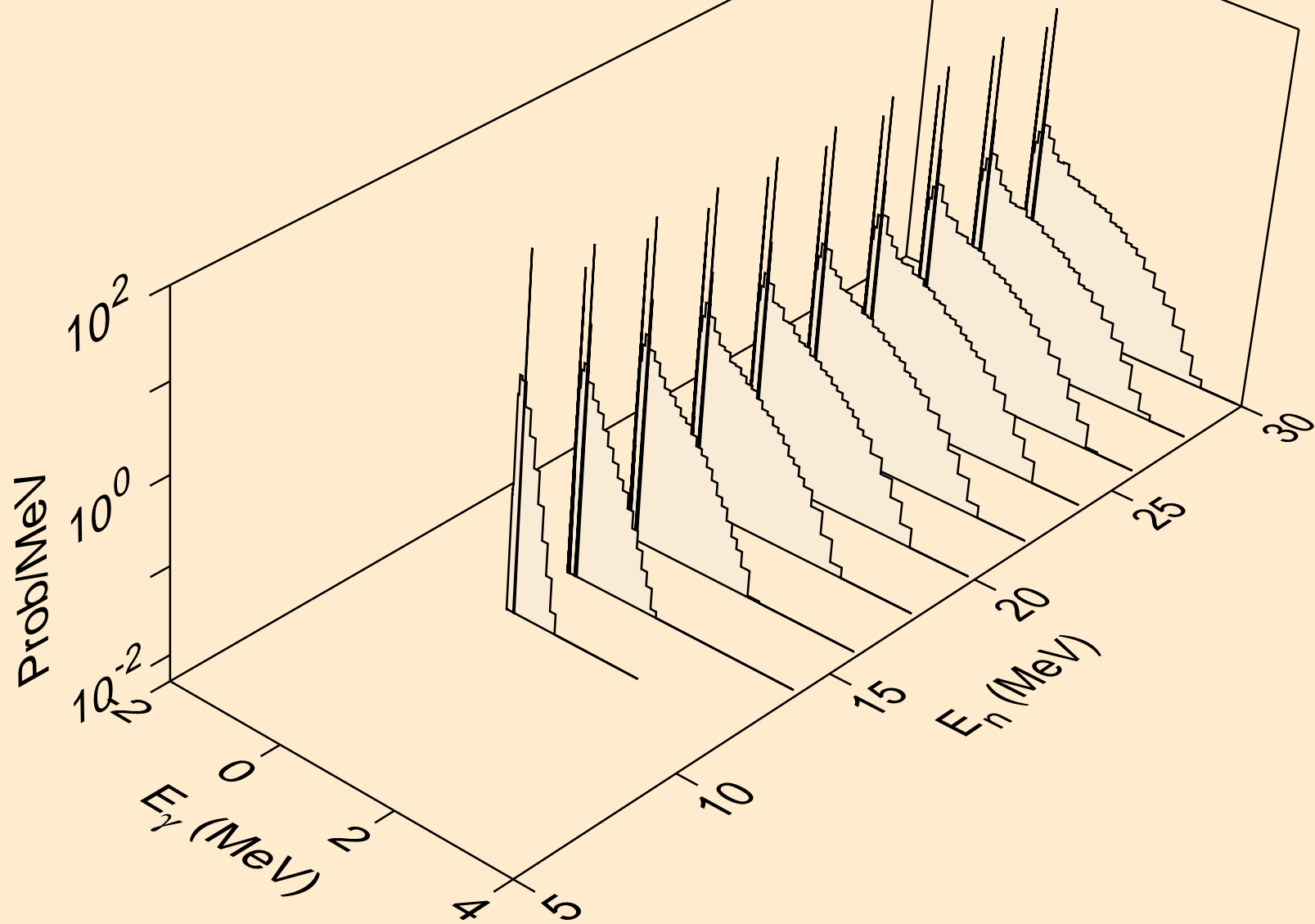
BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



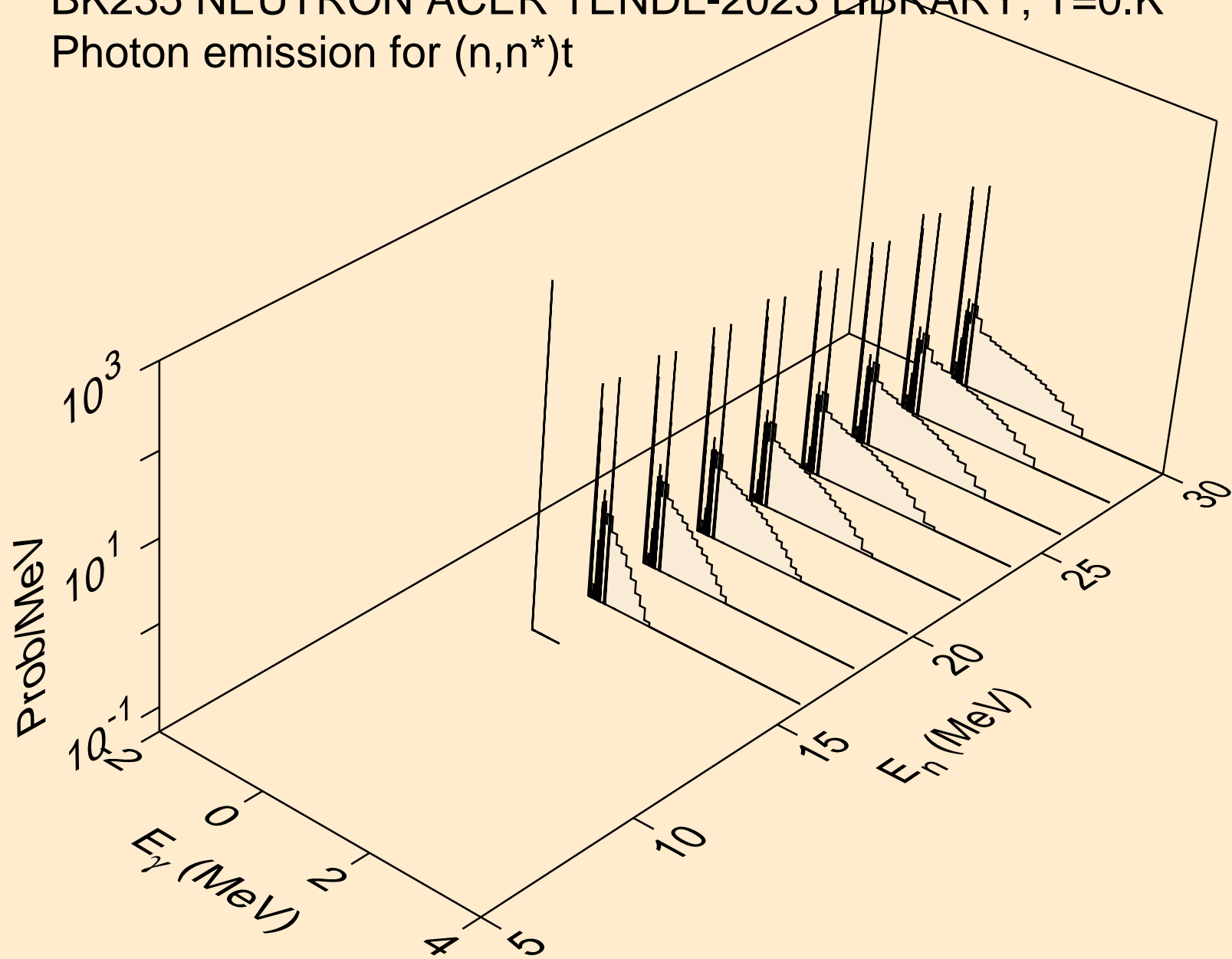
BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



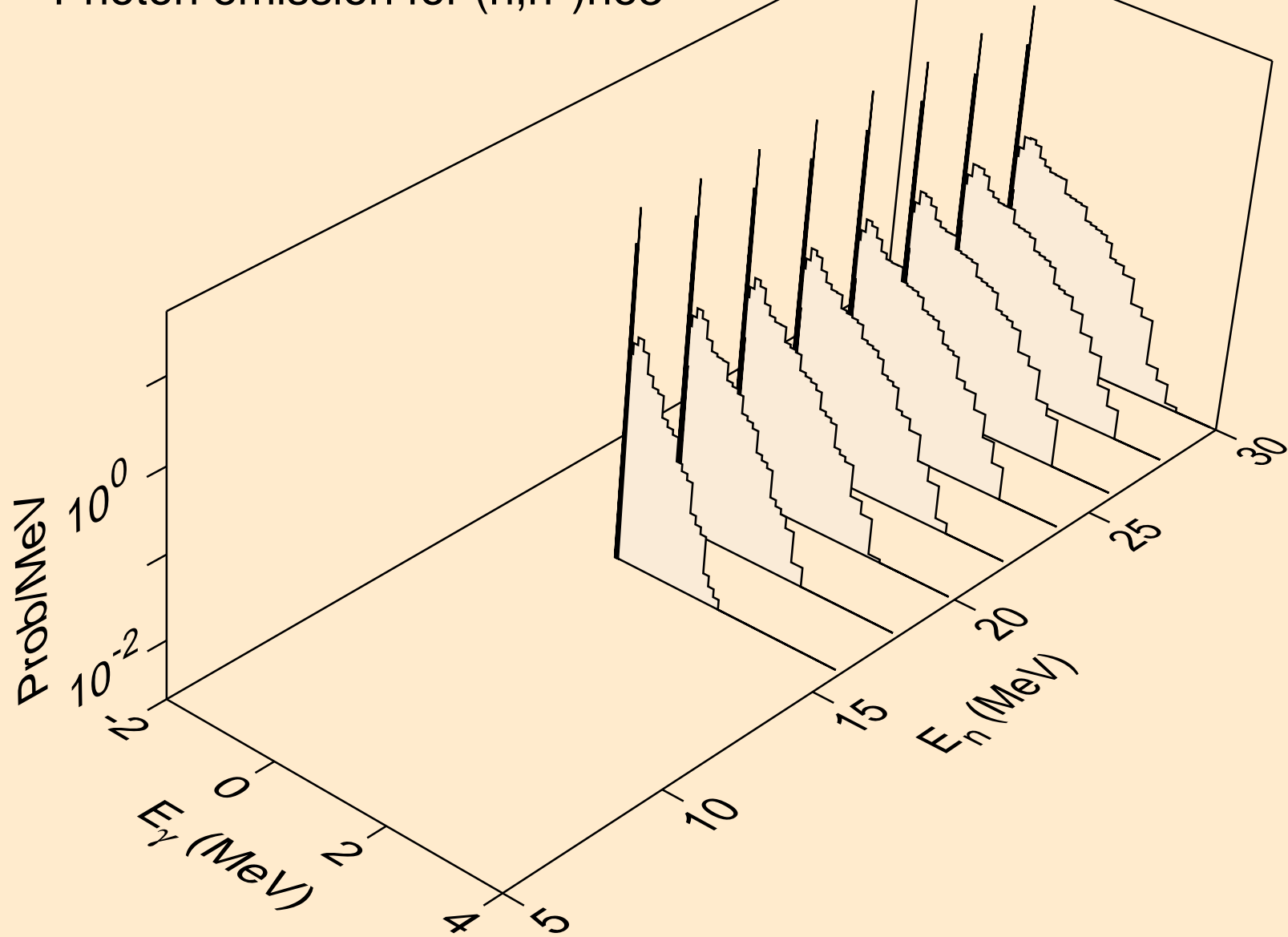
BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



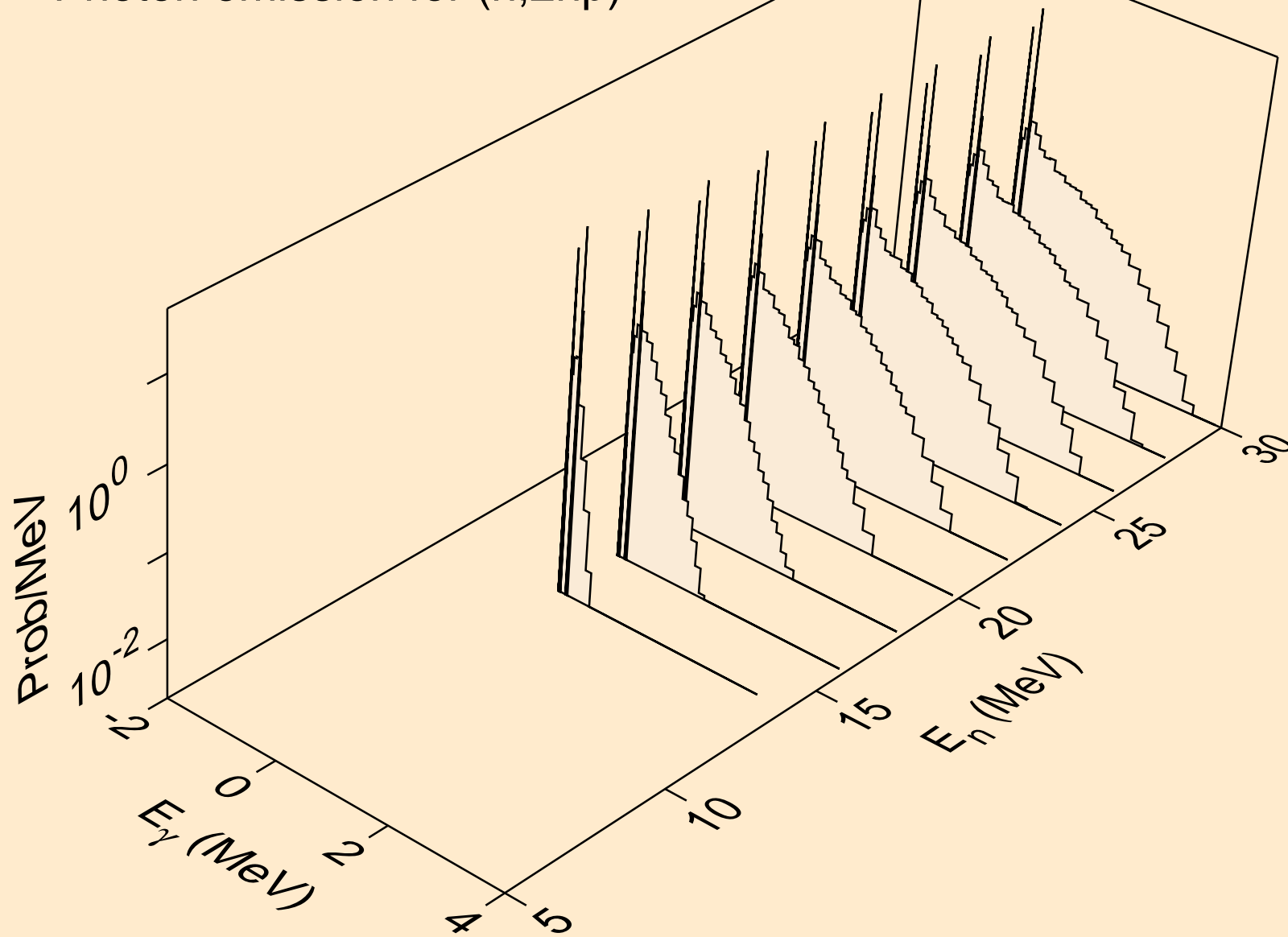
BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



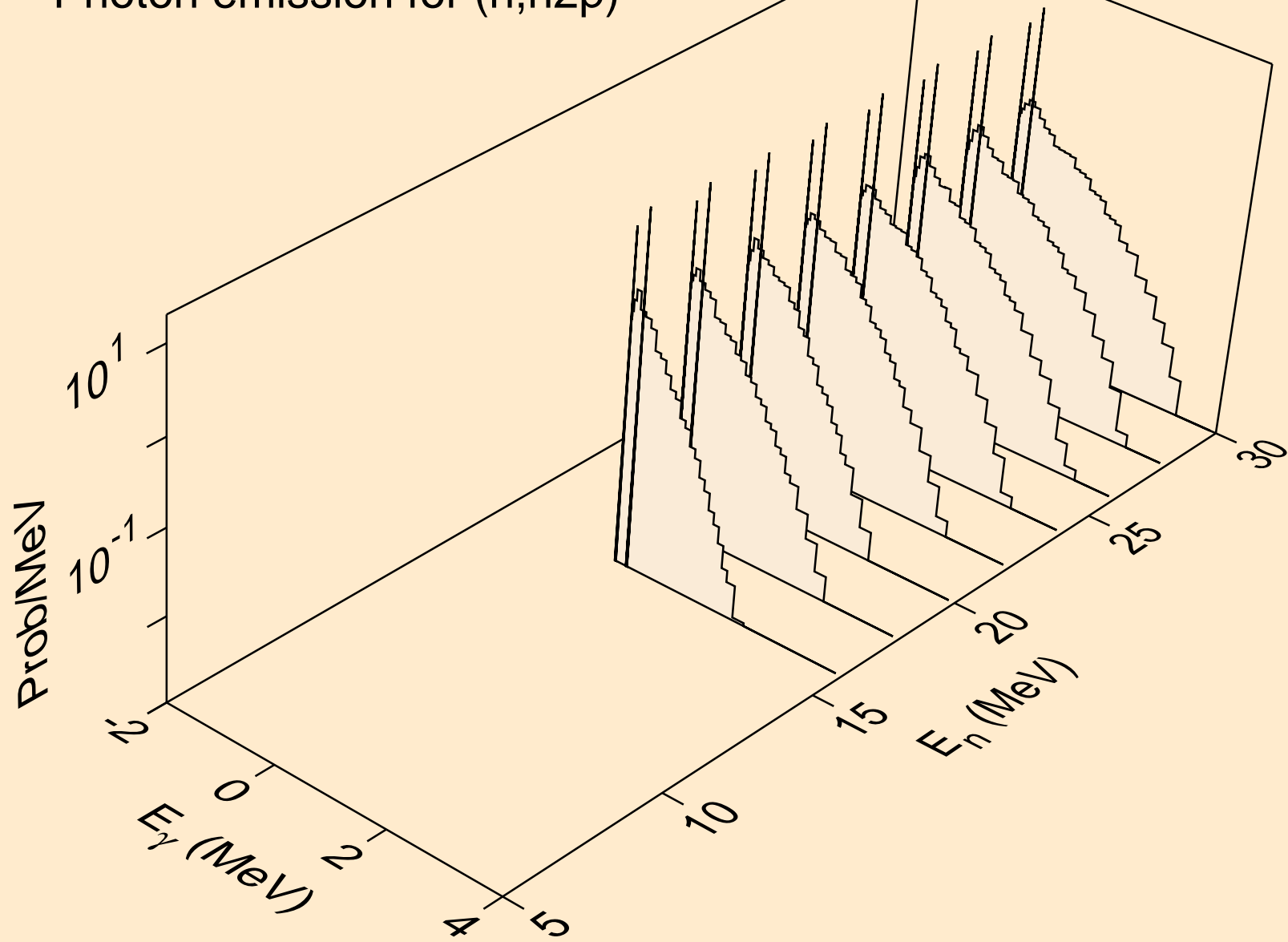
BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

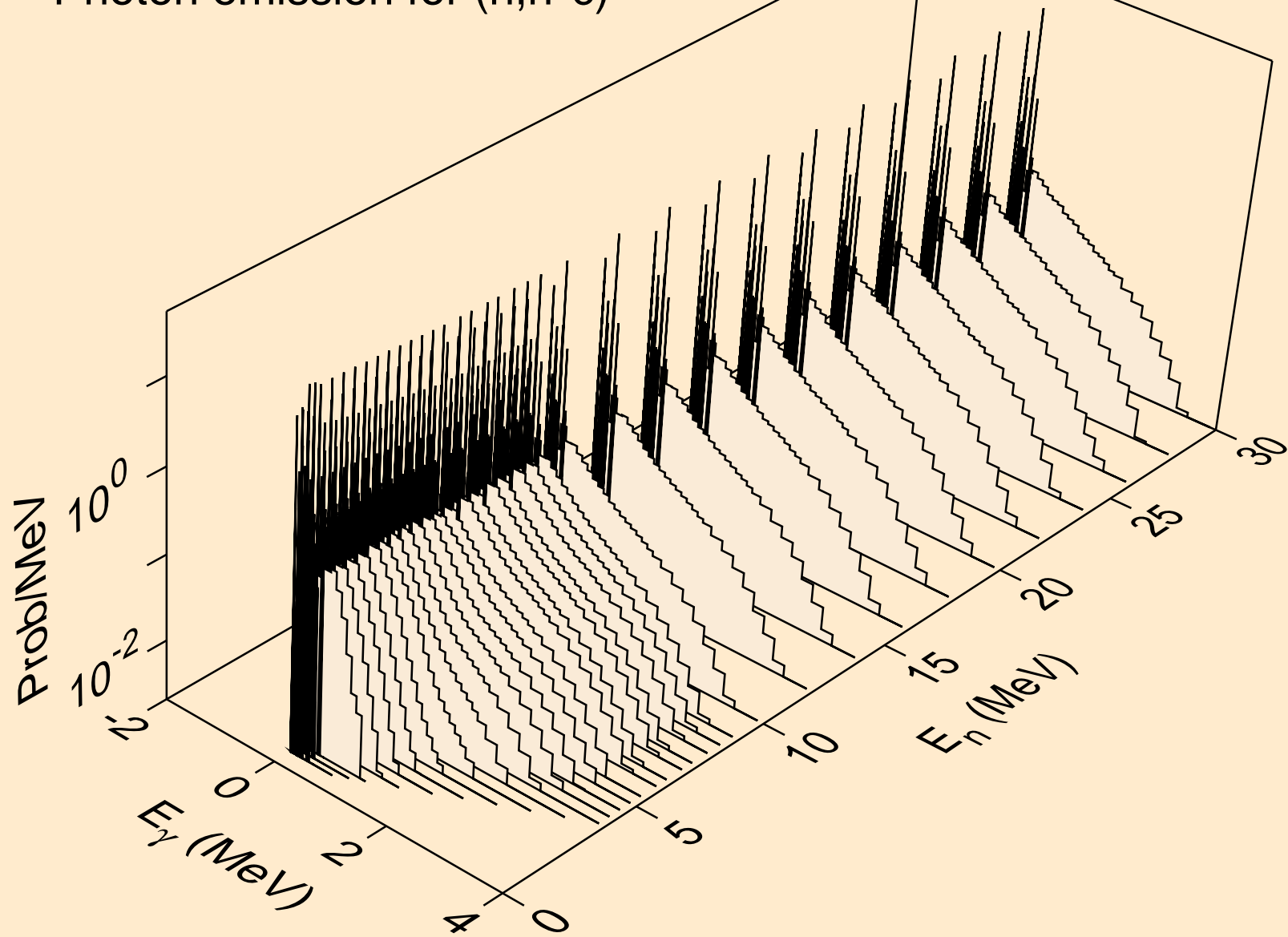


BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)

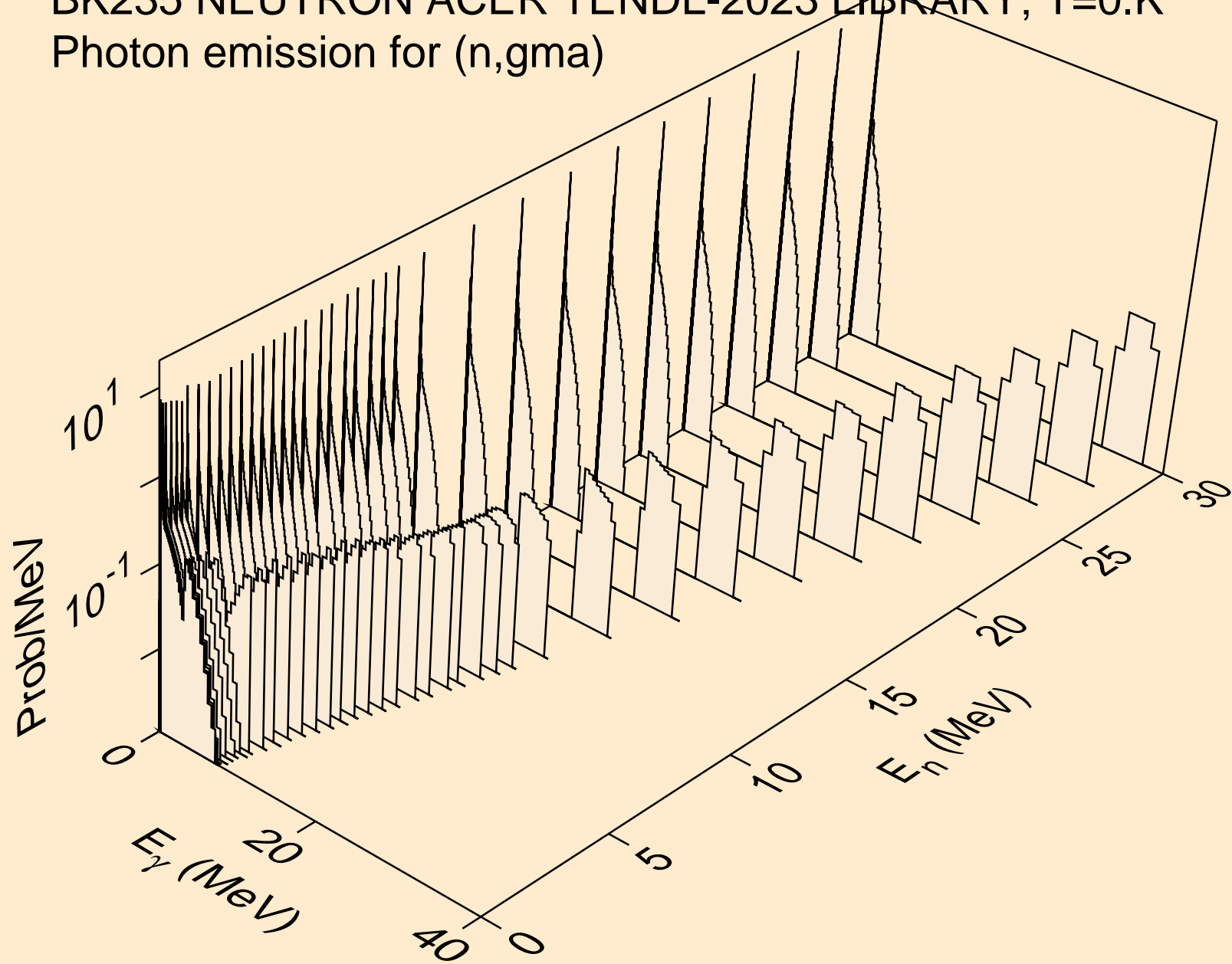




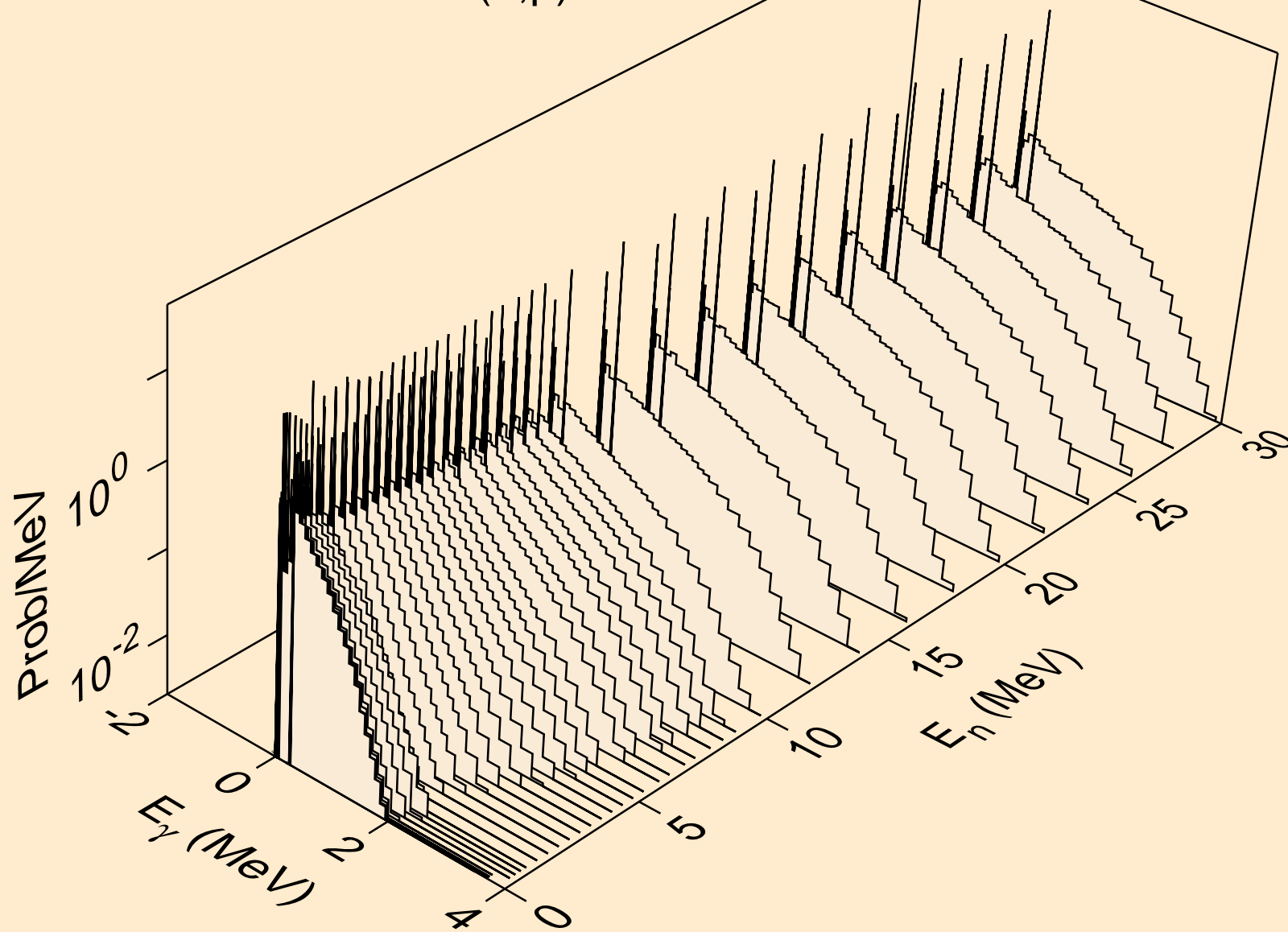
BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



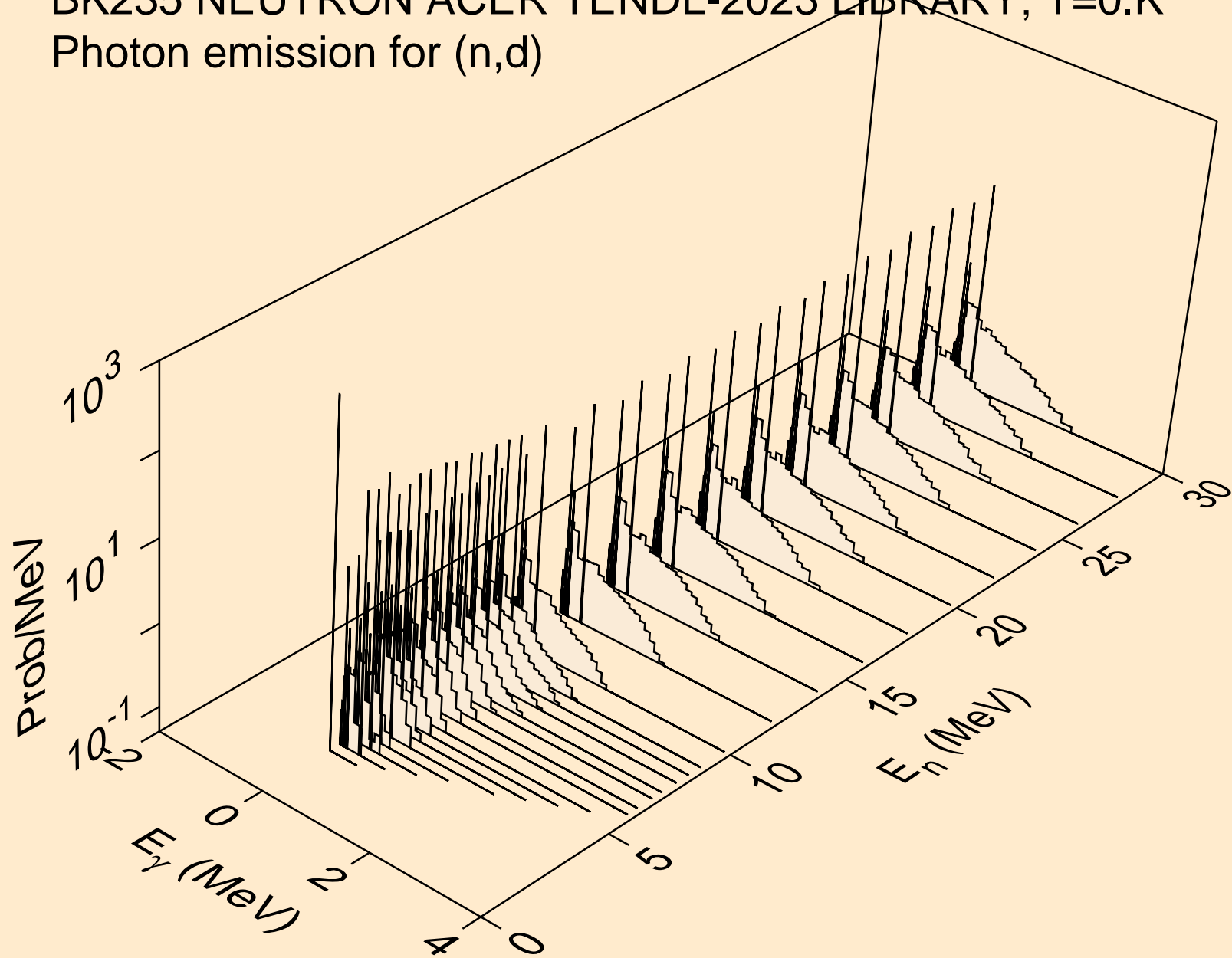
BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



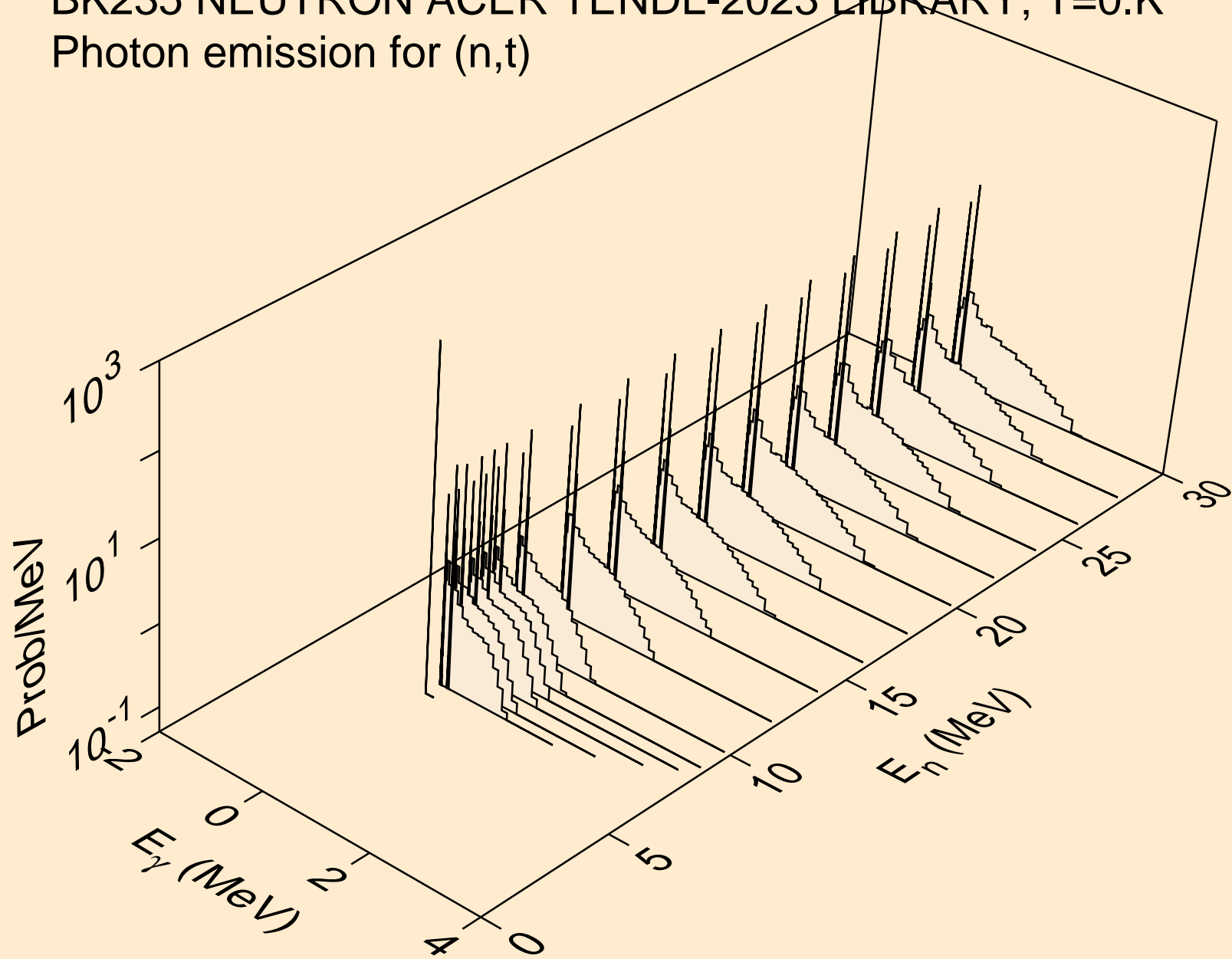
BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



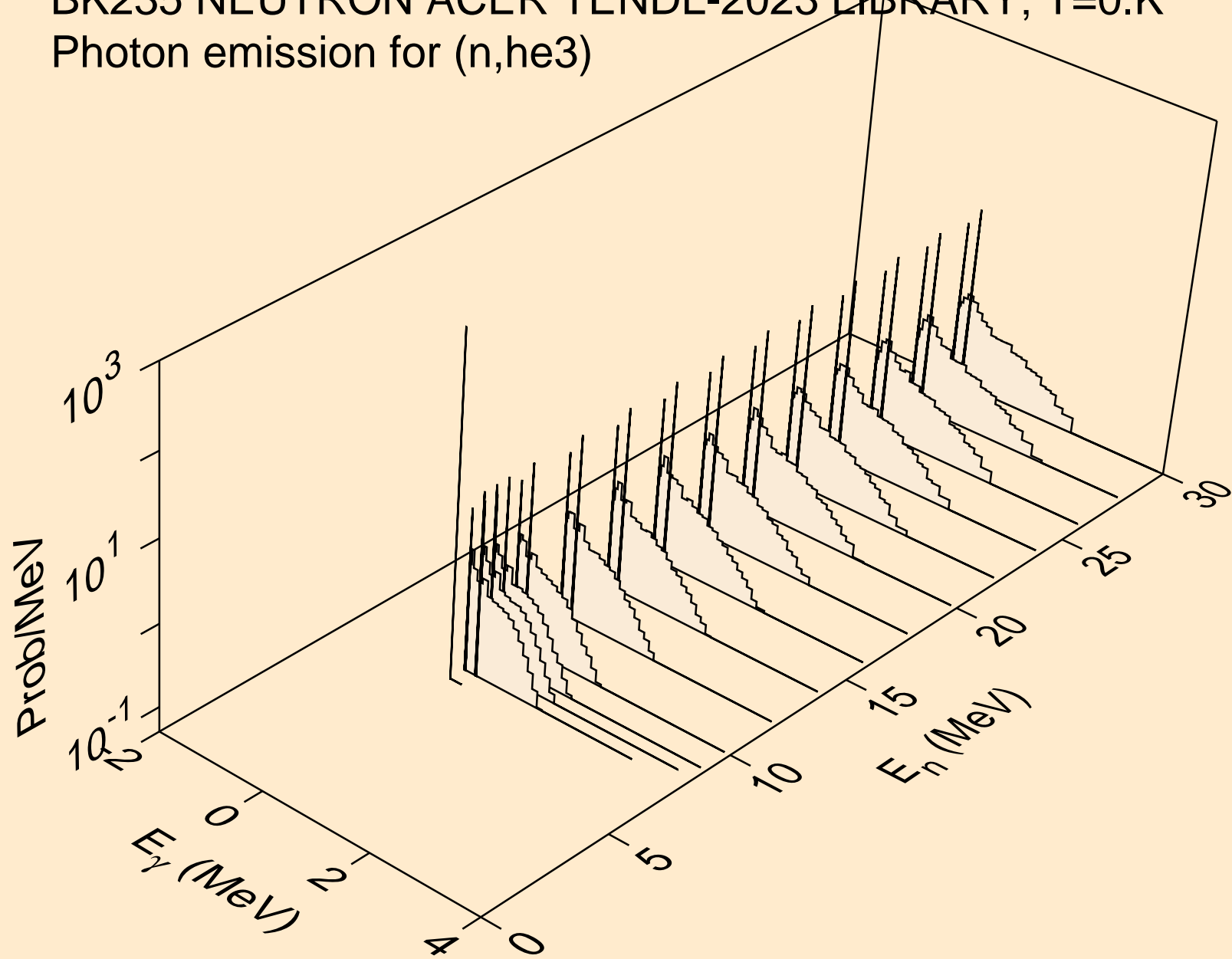
BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



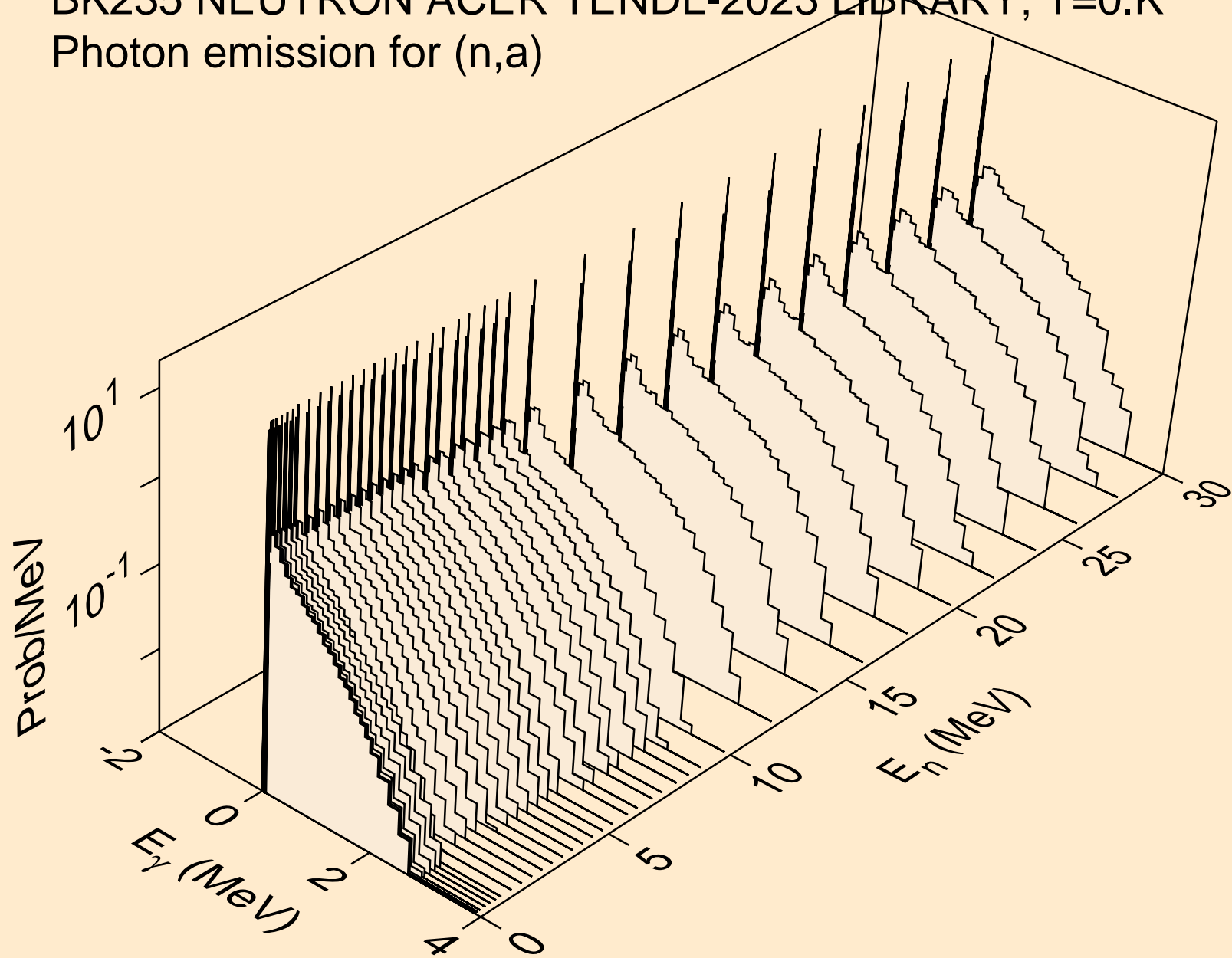
BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



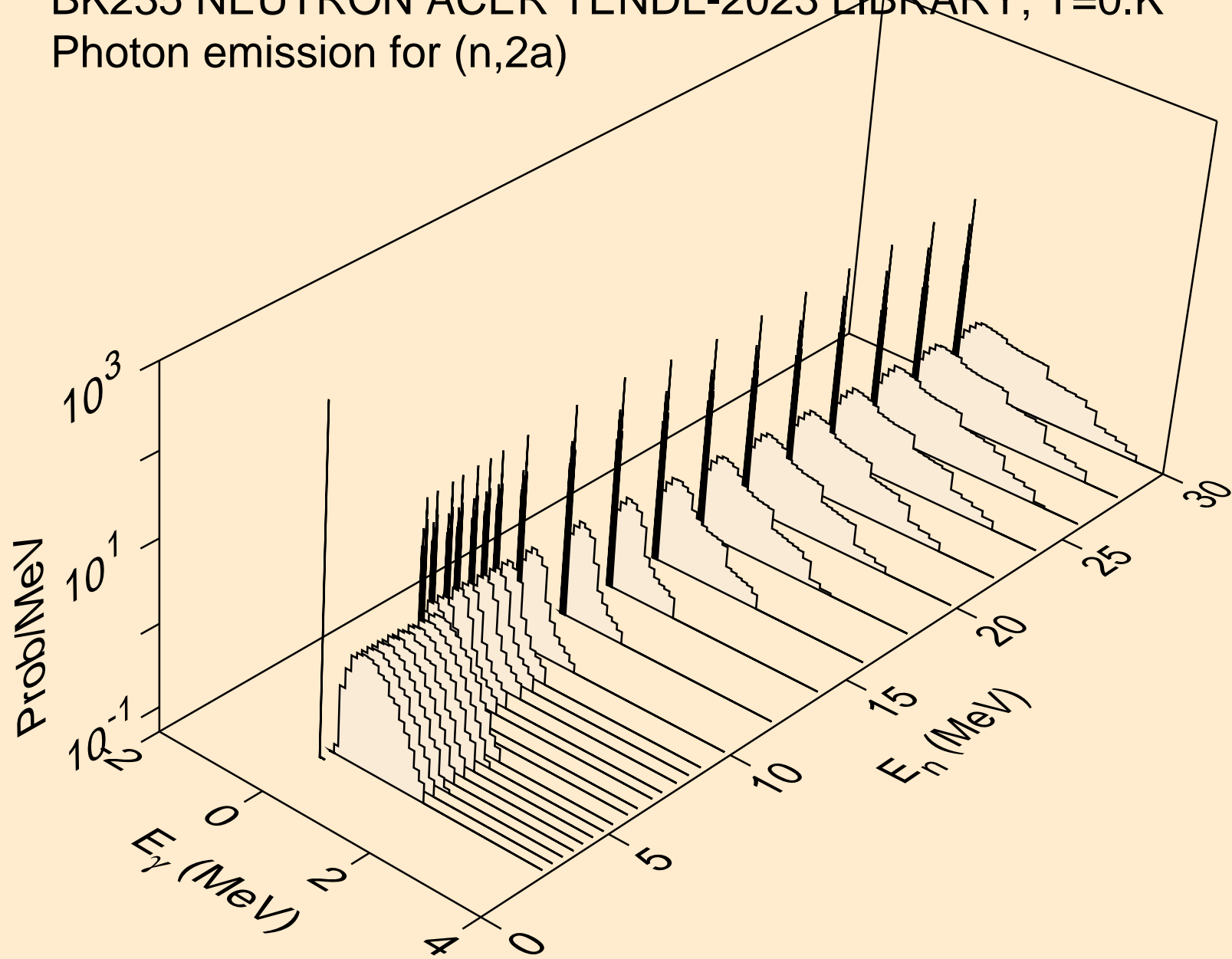
BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)

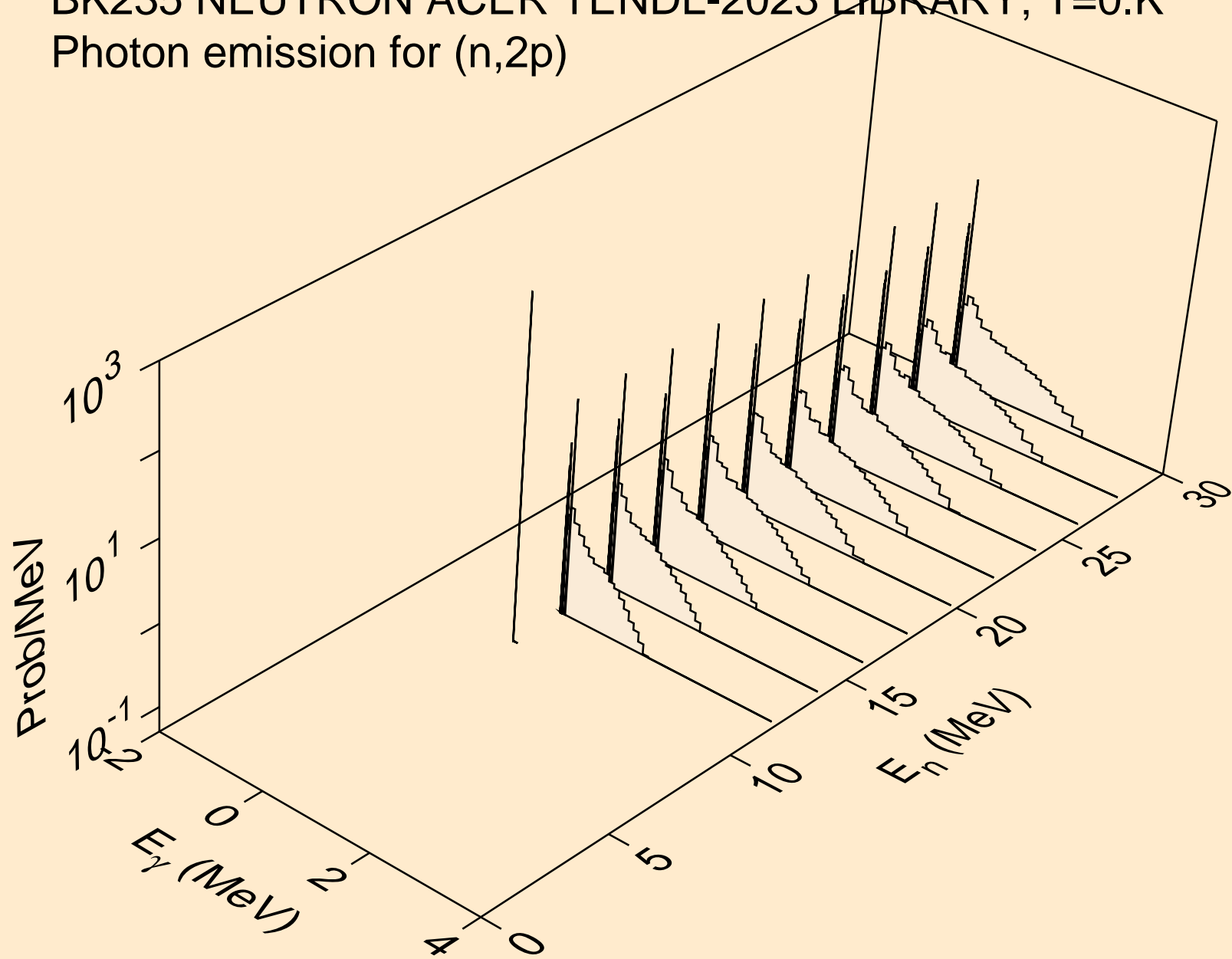


BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)

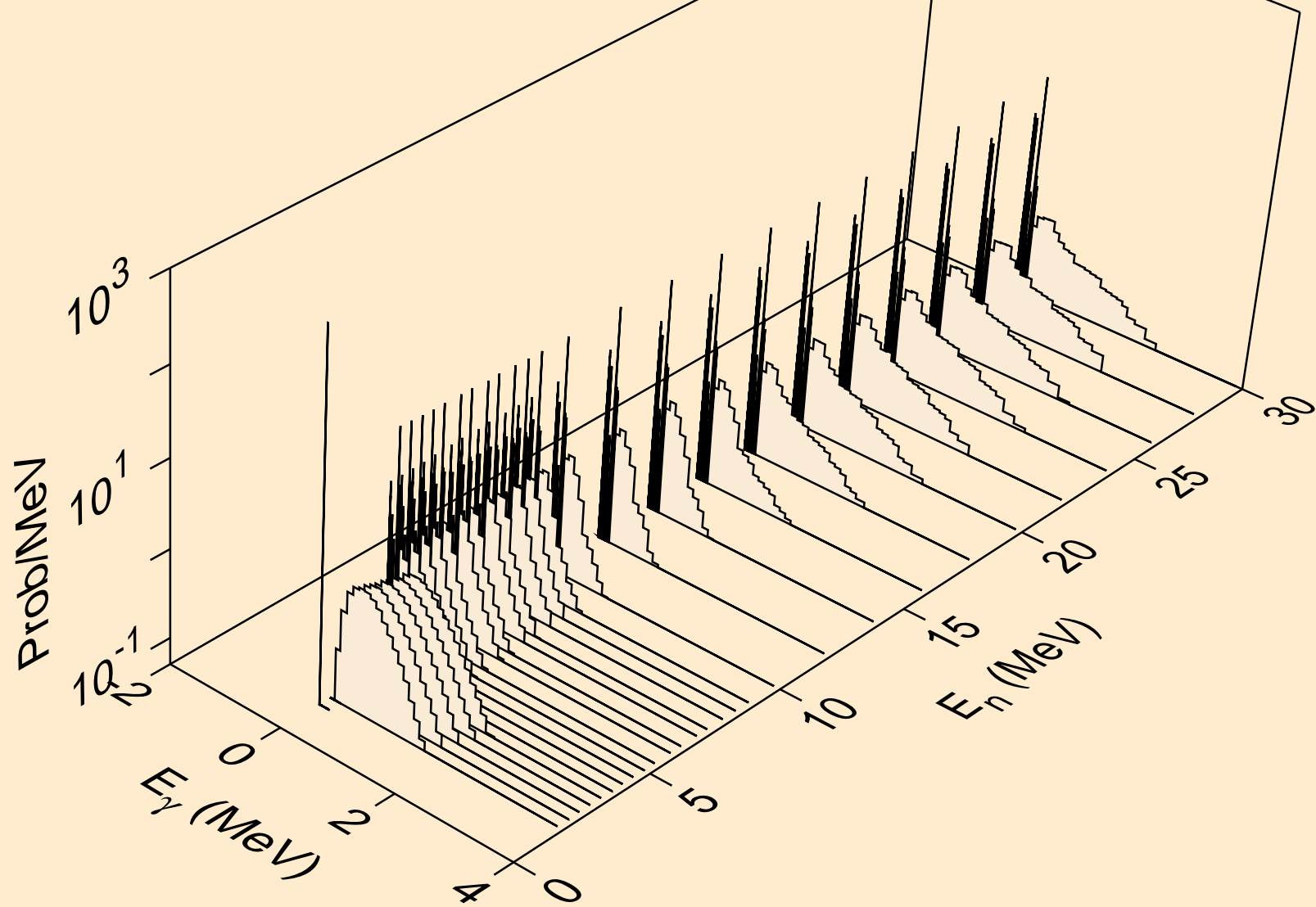




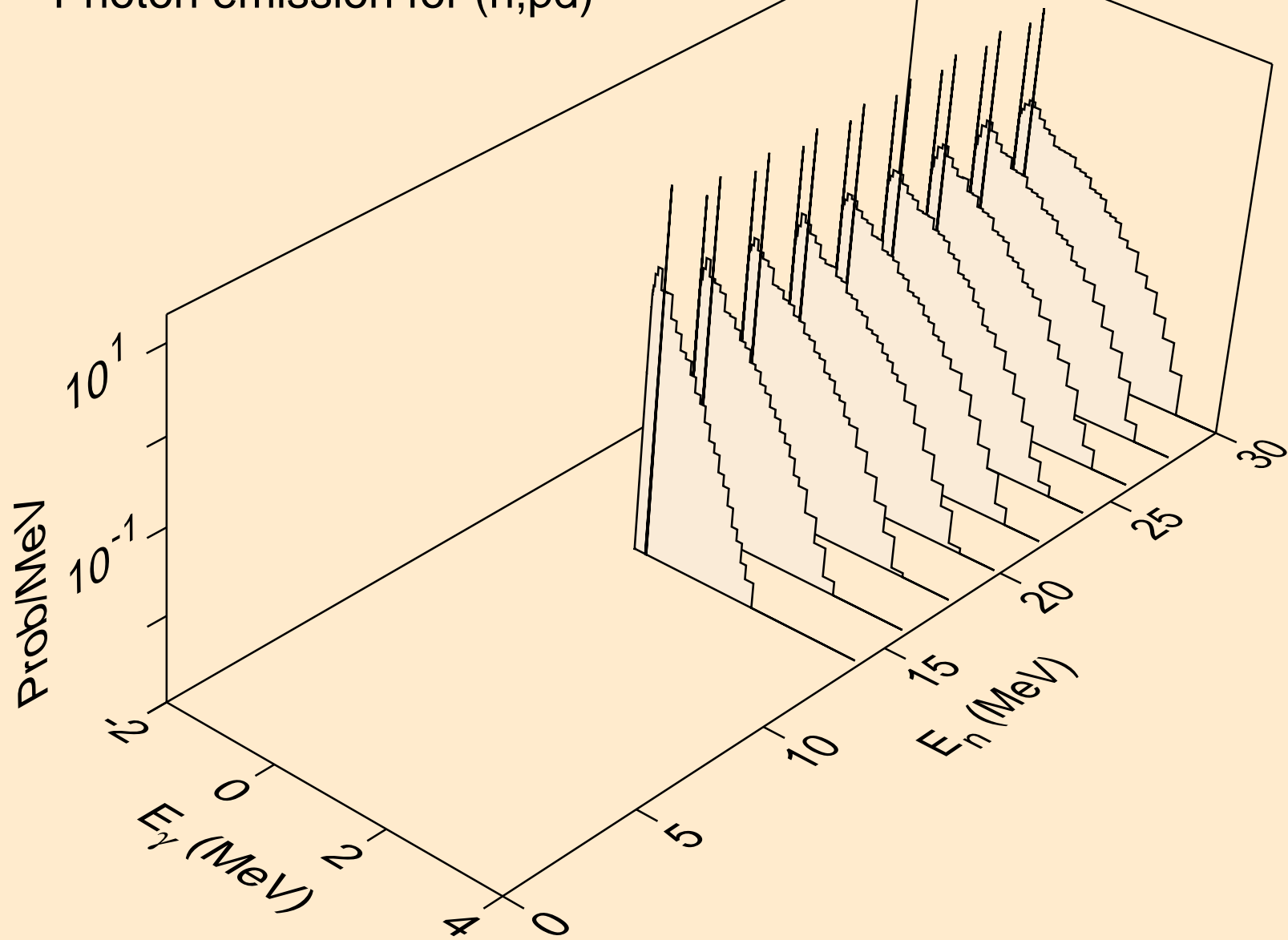
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Photon emission for (n,2p)



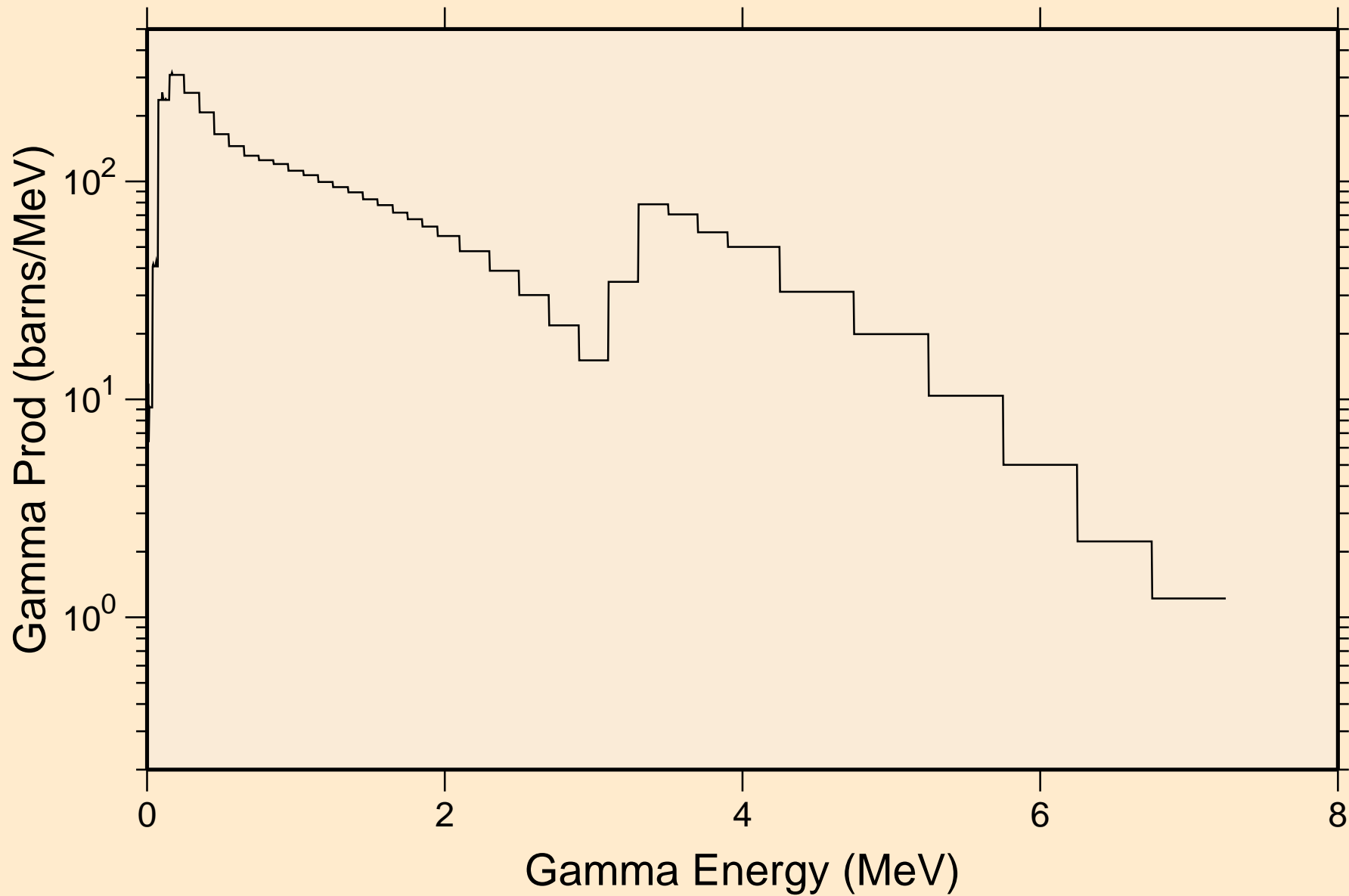
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Photon emission for (n,p $\alpha$ )



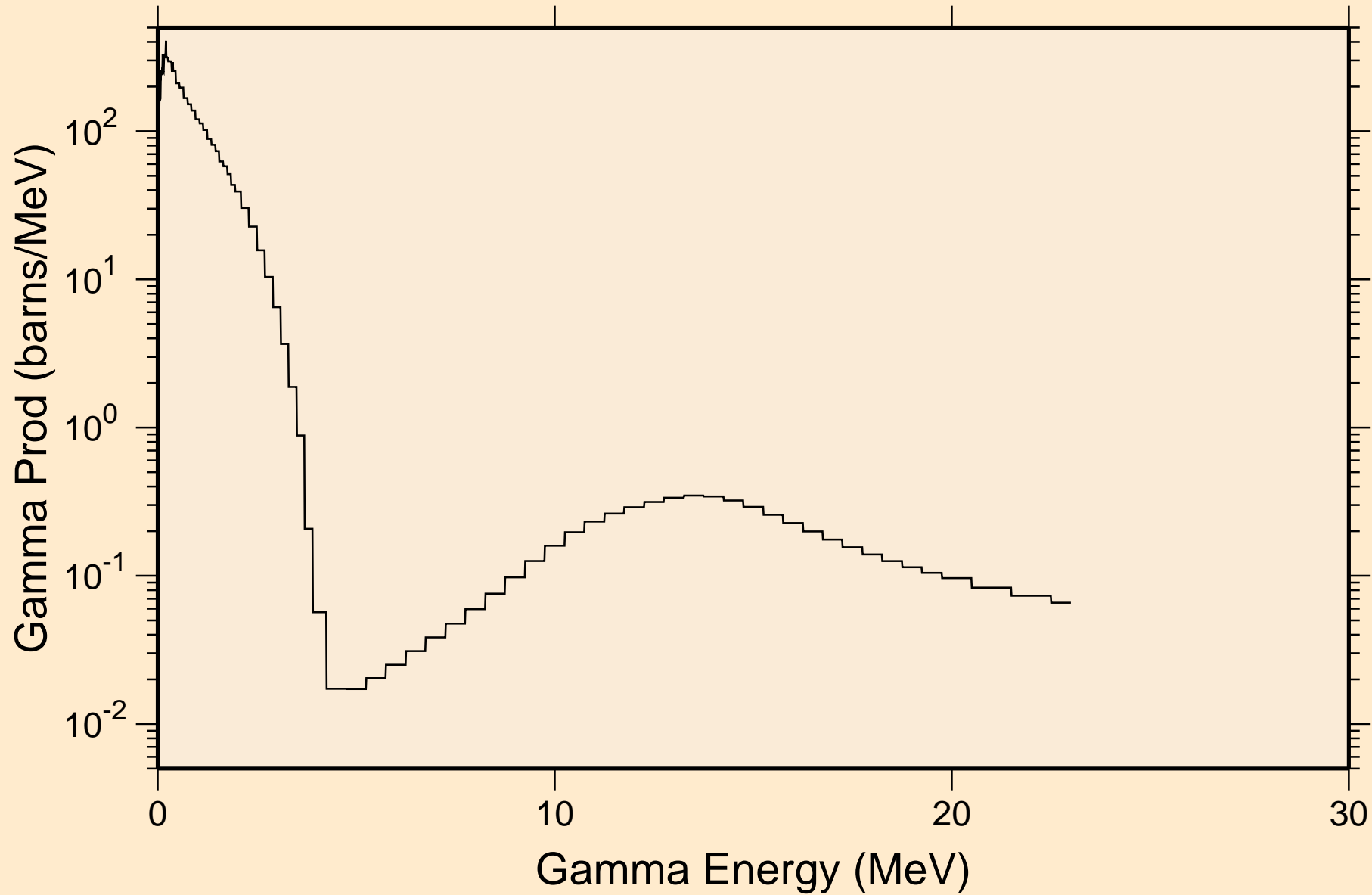
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Photon emission for (n,pd)



BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

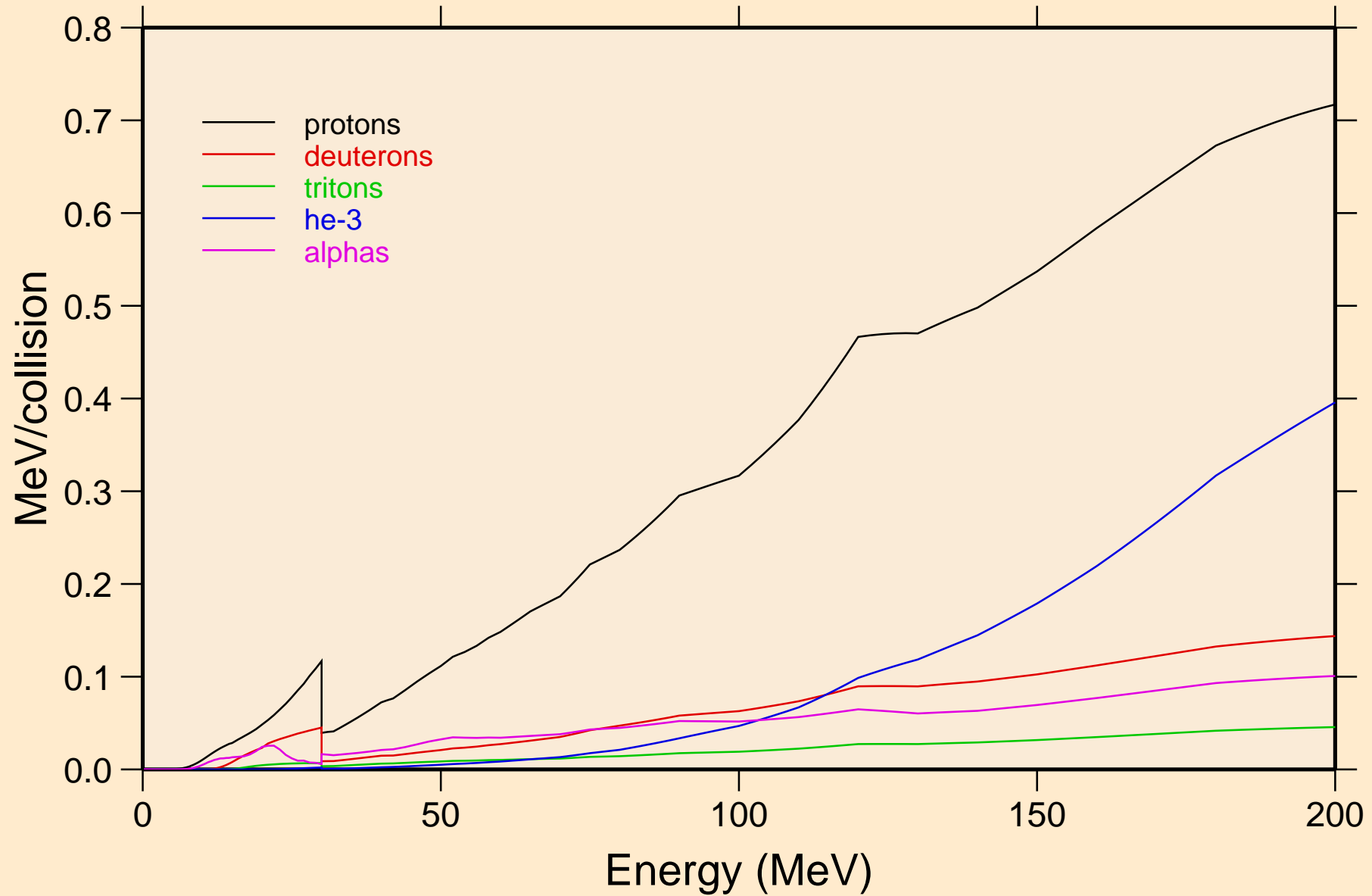


BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum

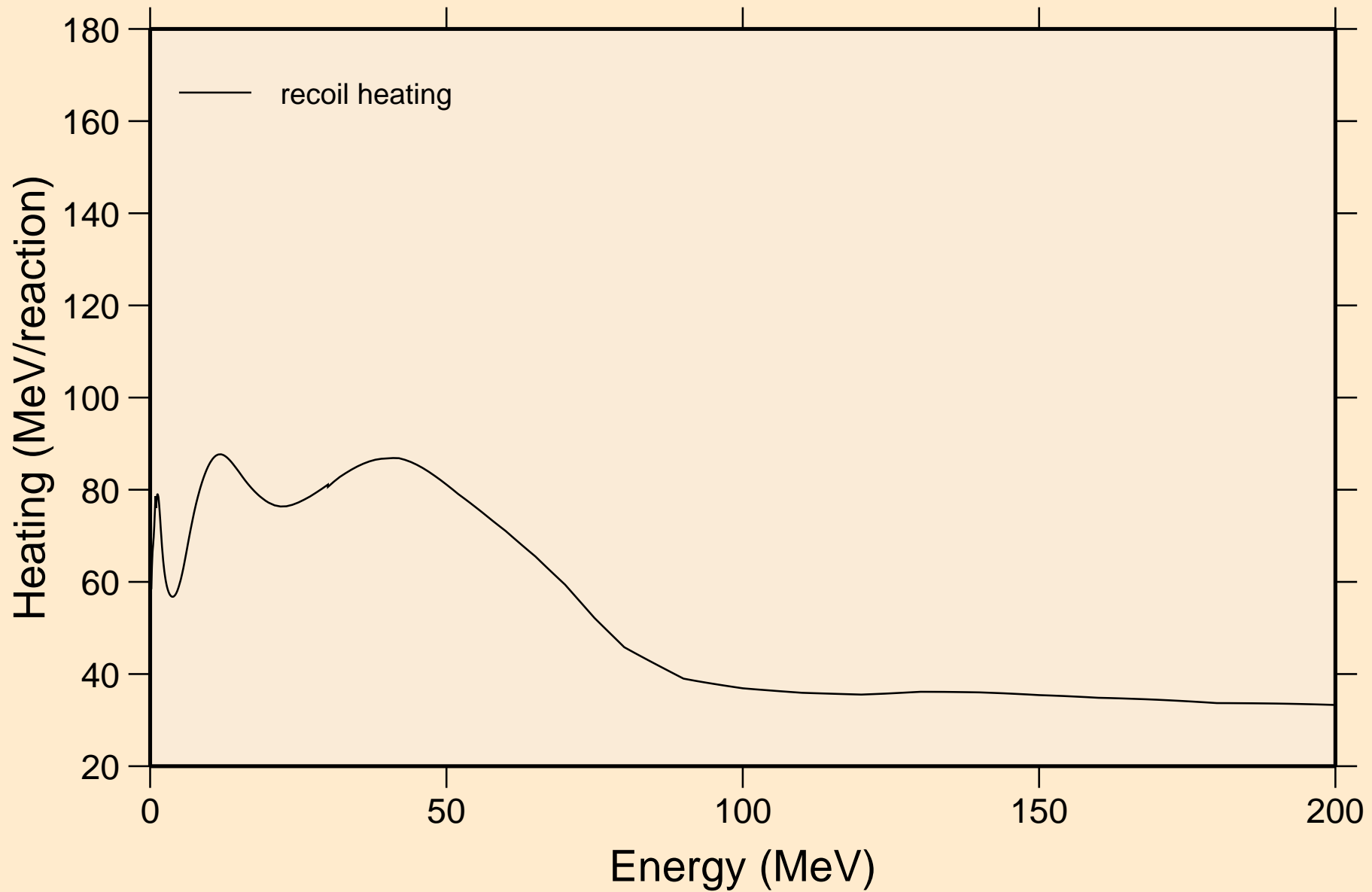


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## Particle heating contributions

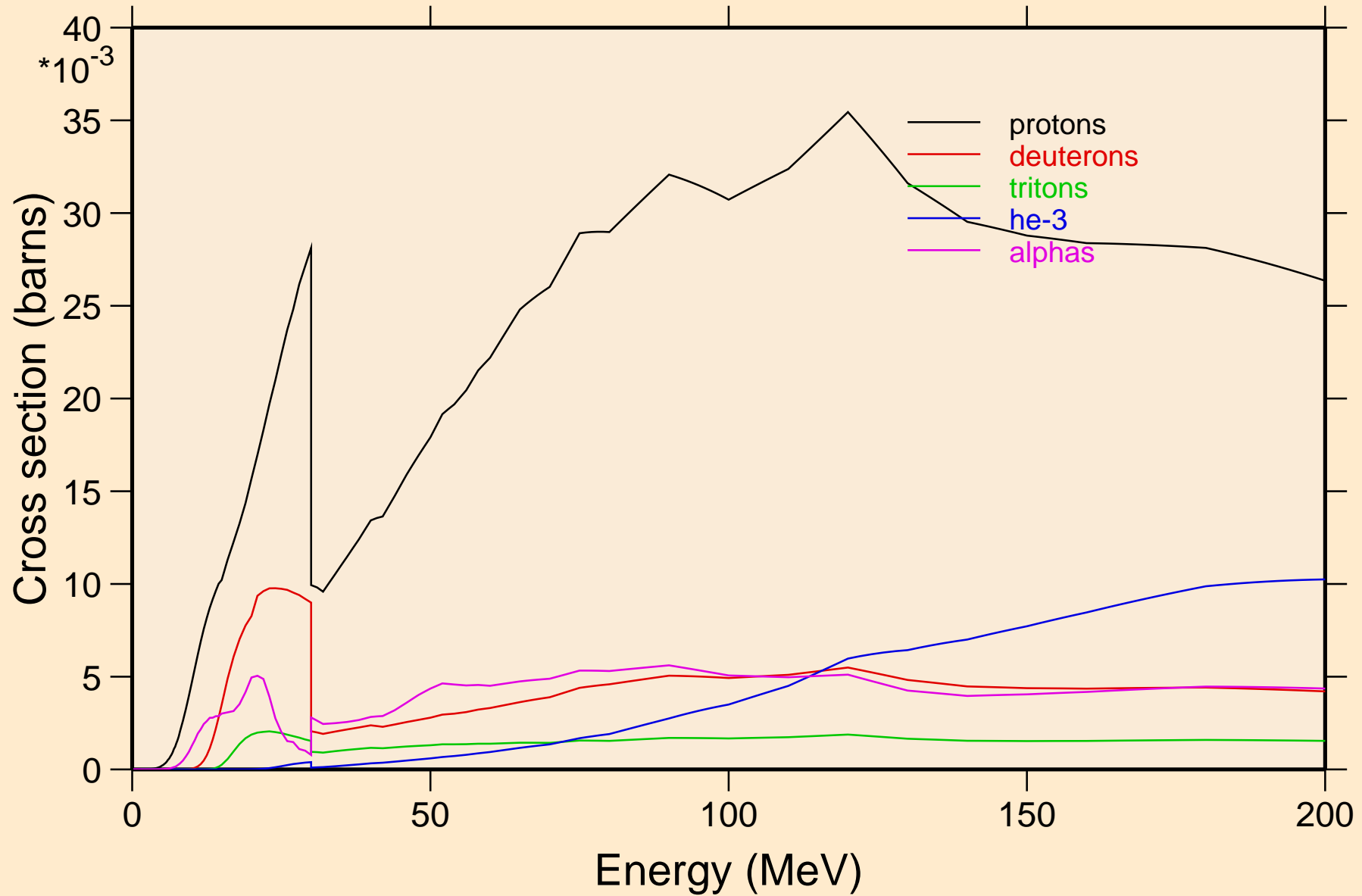


BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



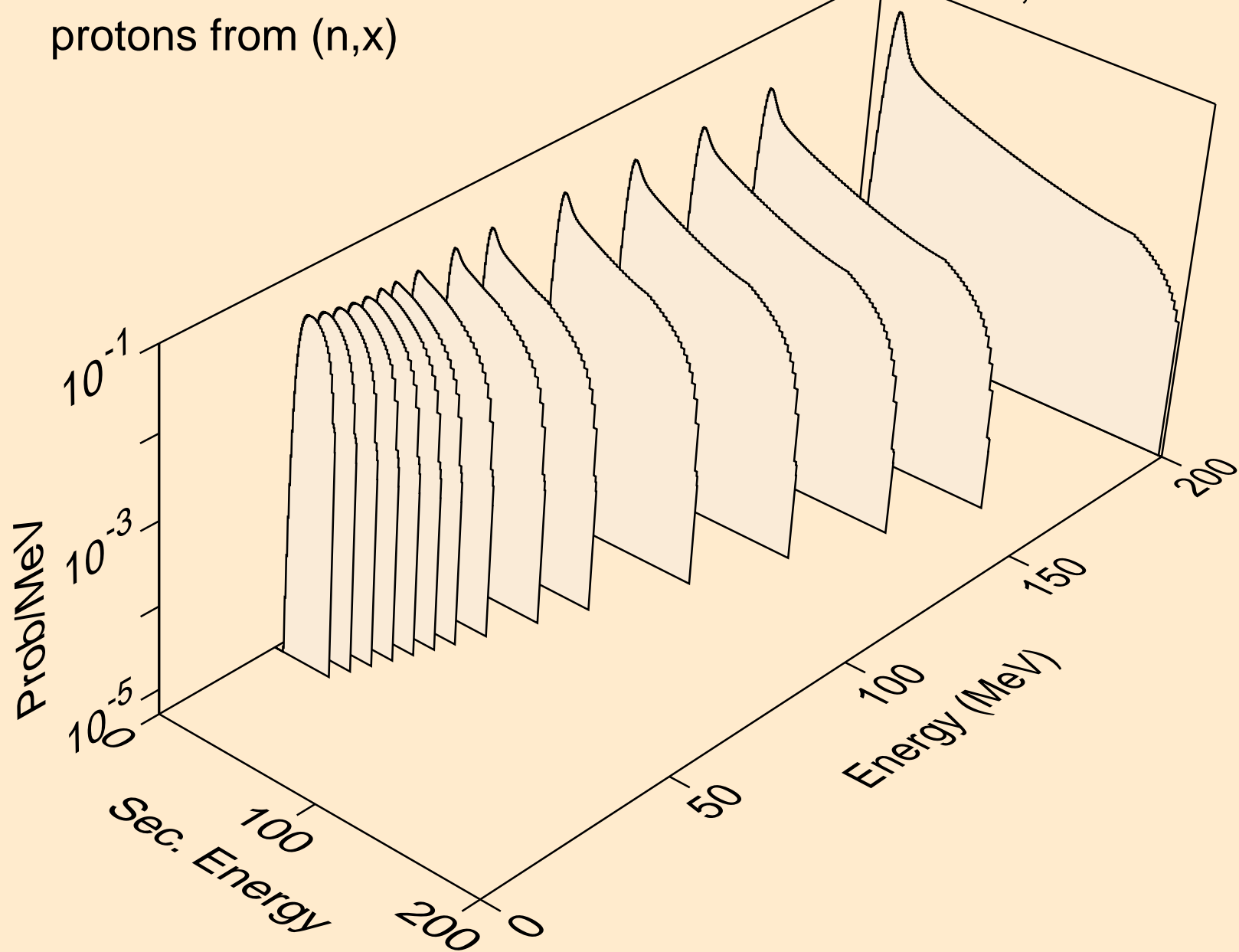
# BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Particle production cross sections

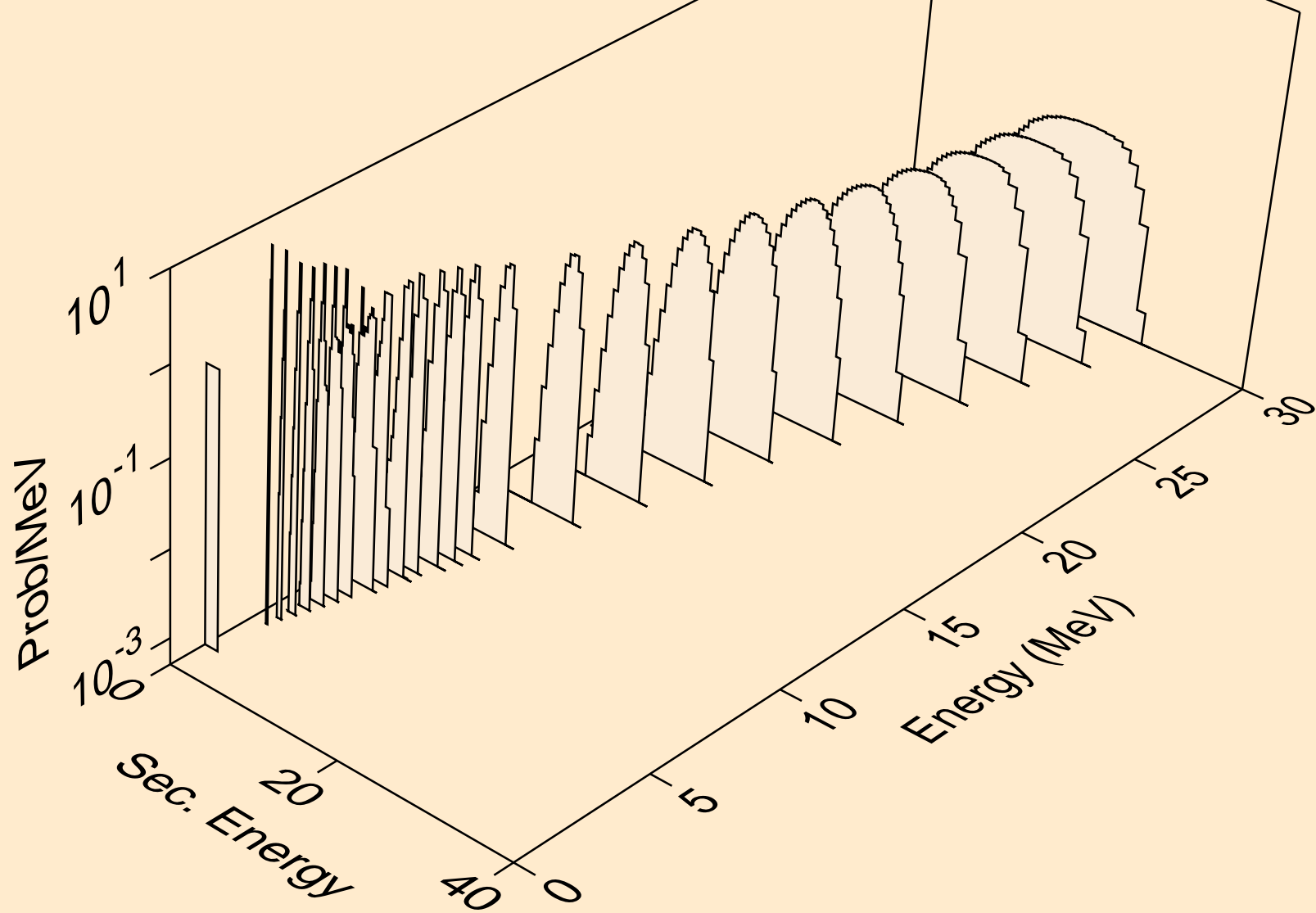




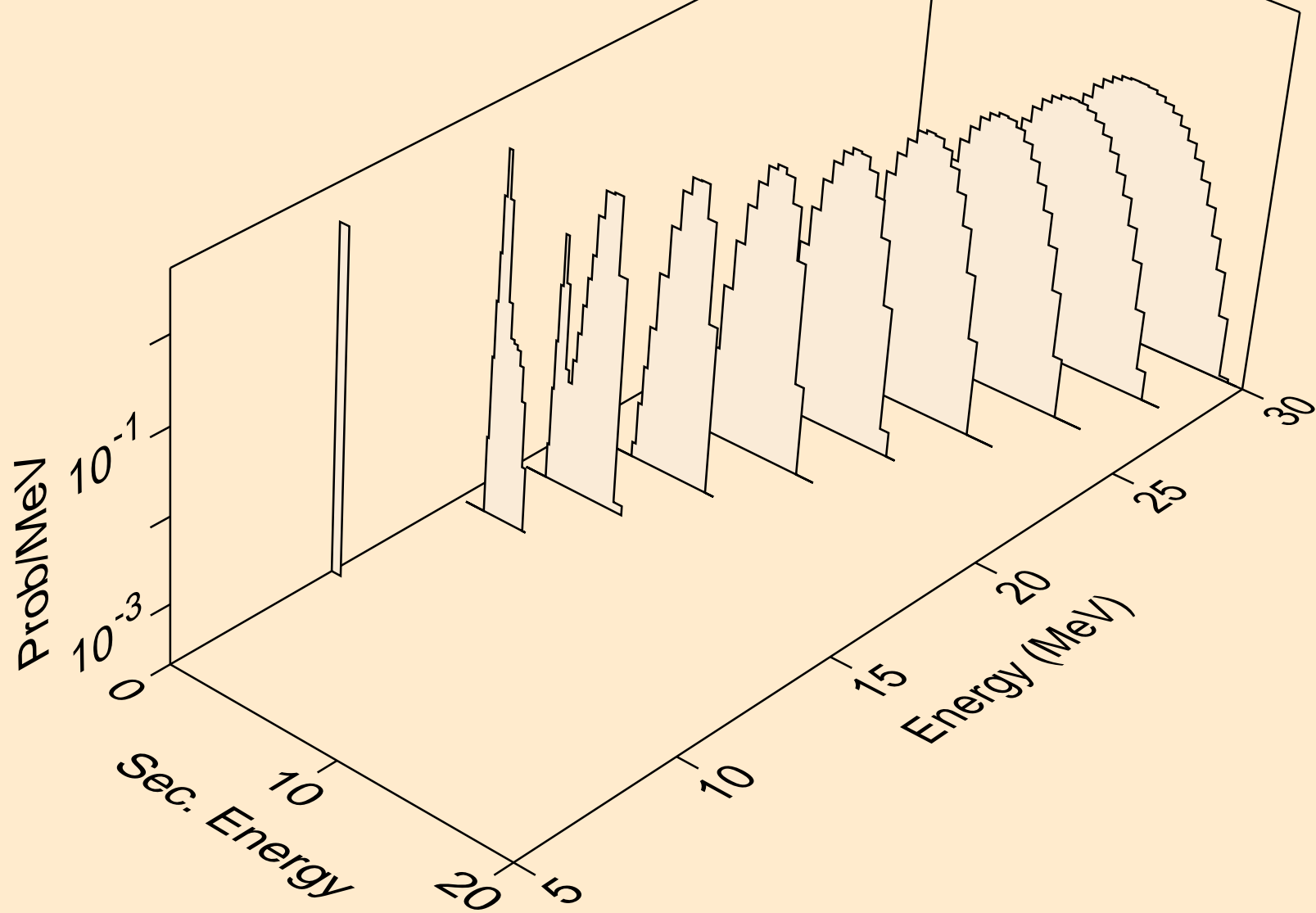
BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



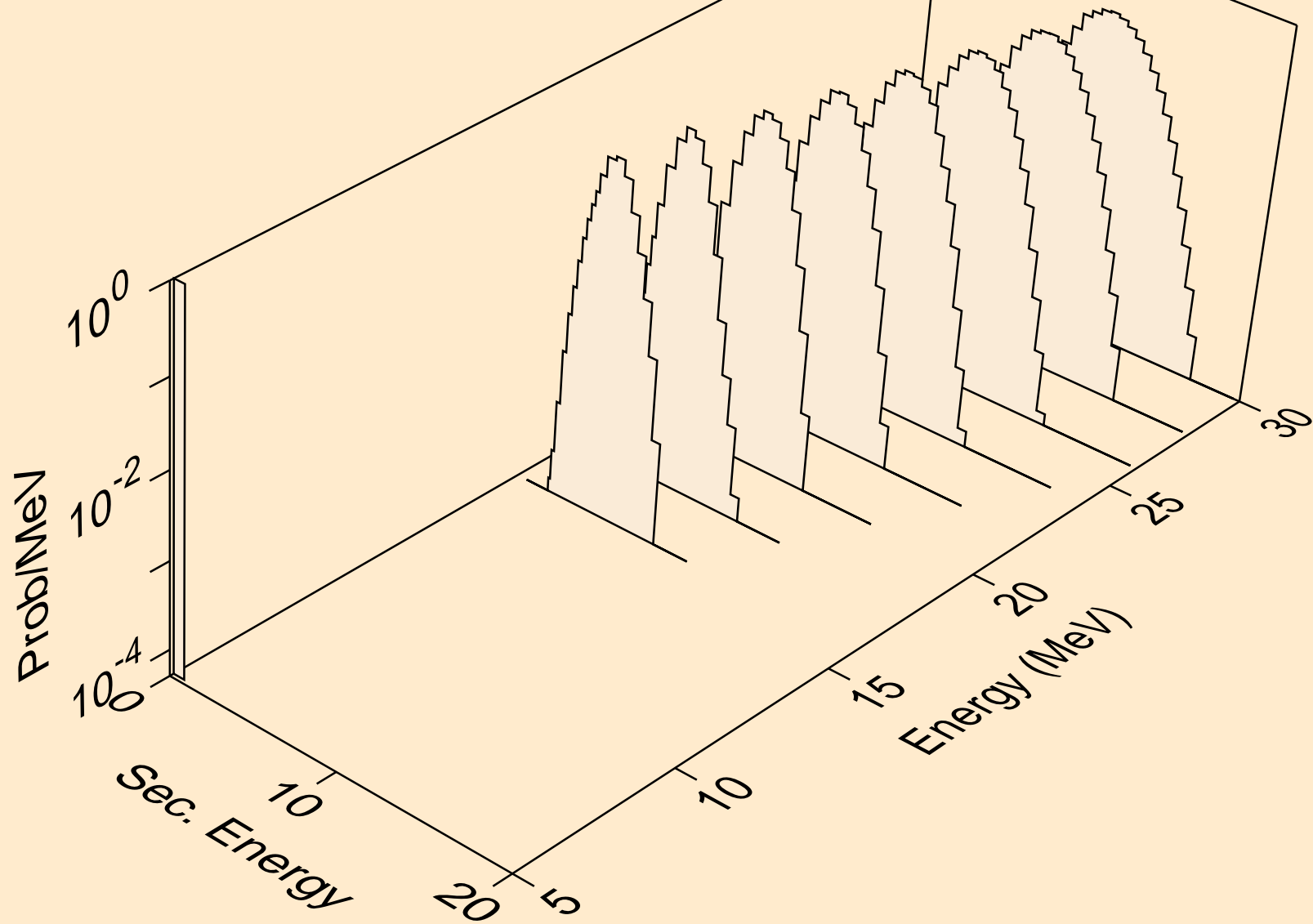
BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p



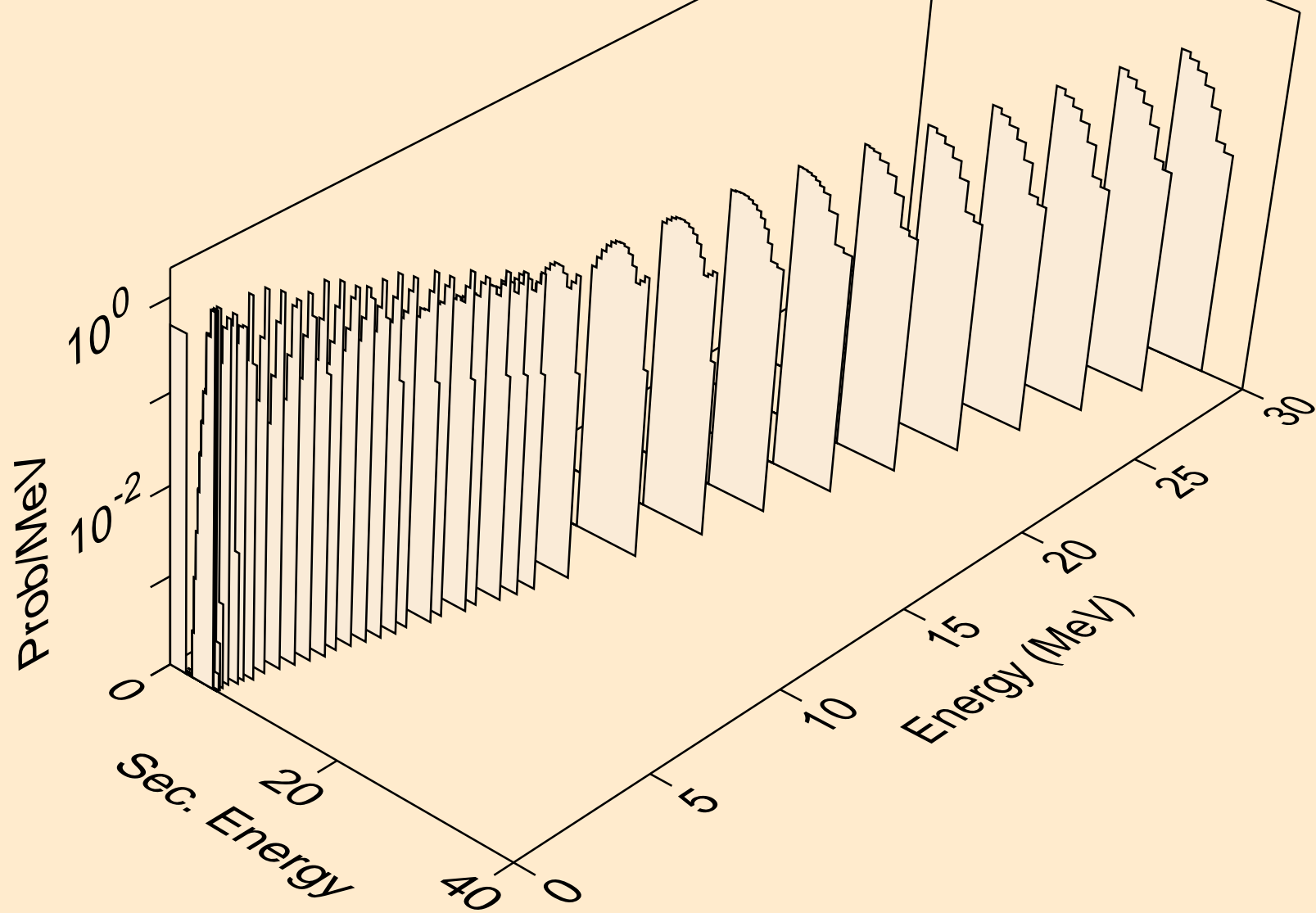
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protons from (n,2np)



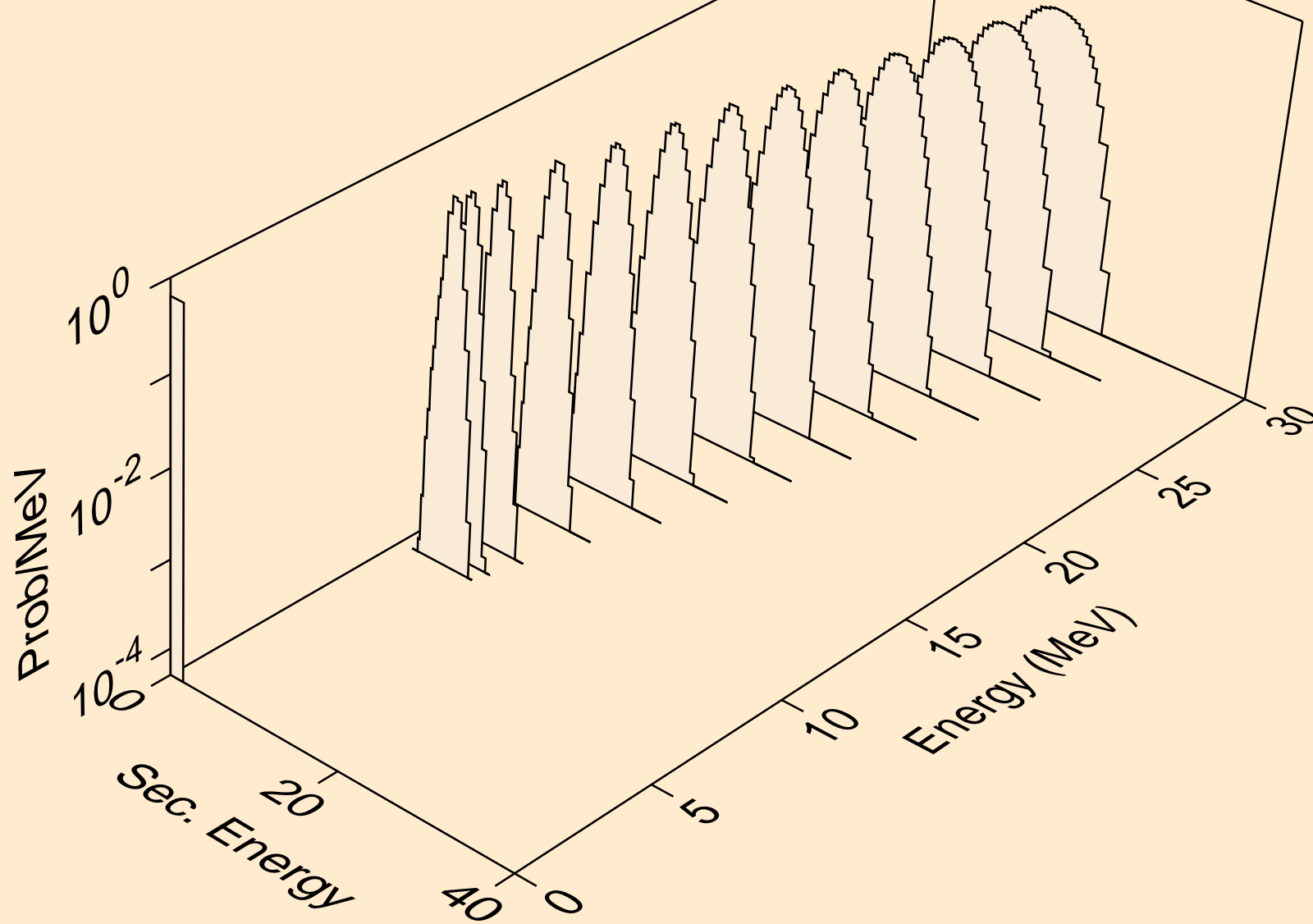
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protons from (n,n2p)



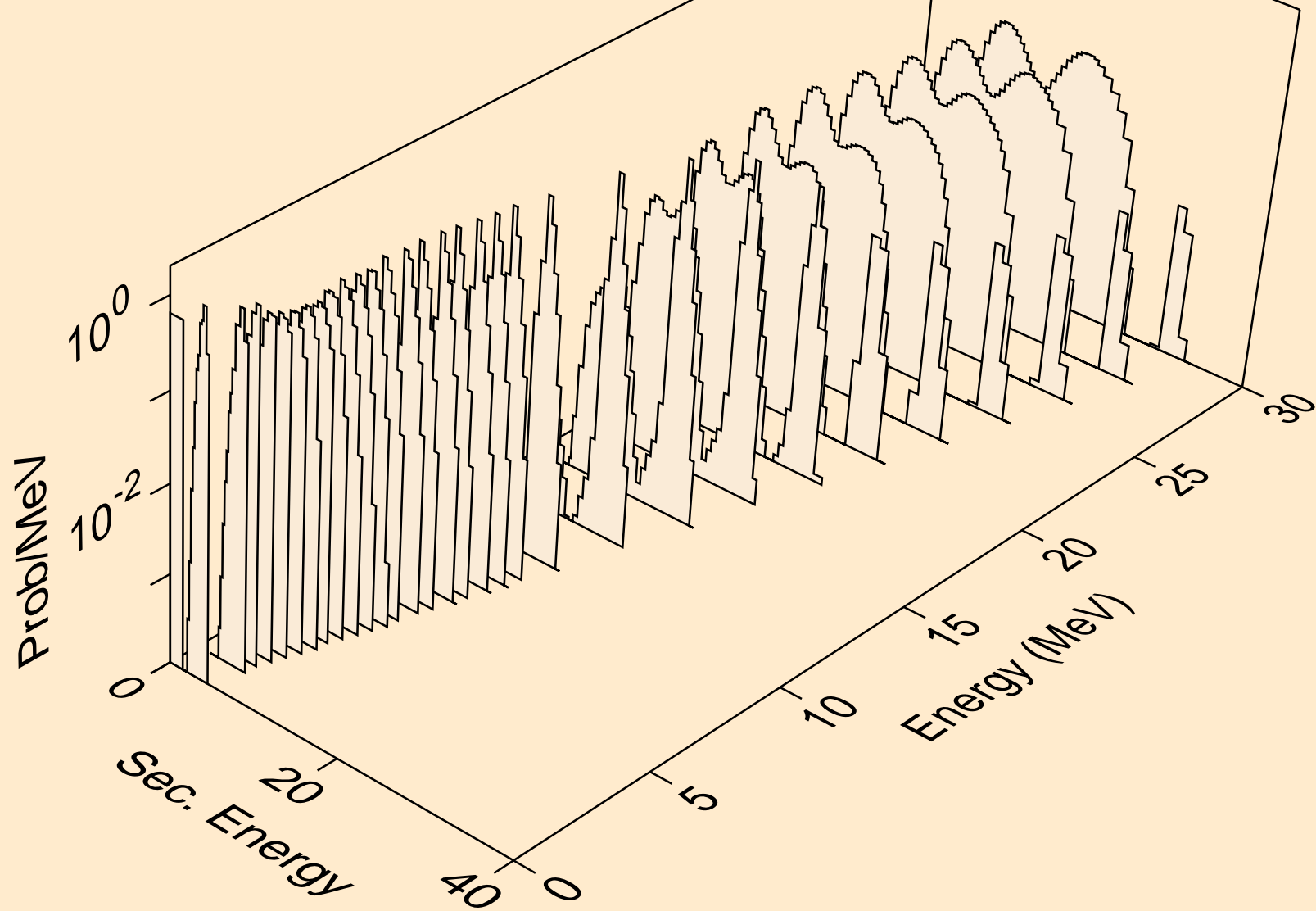
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protons from (n,p)



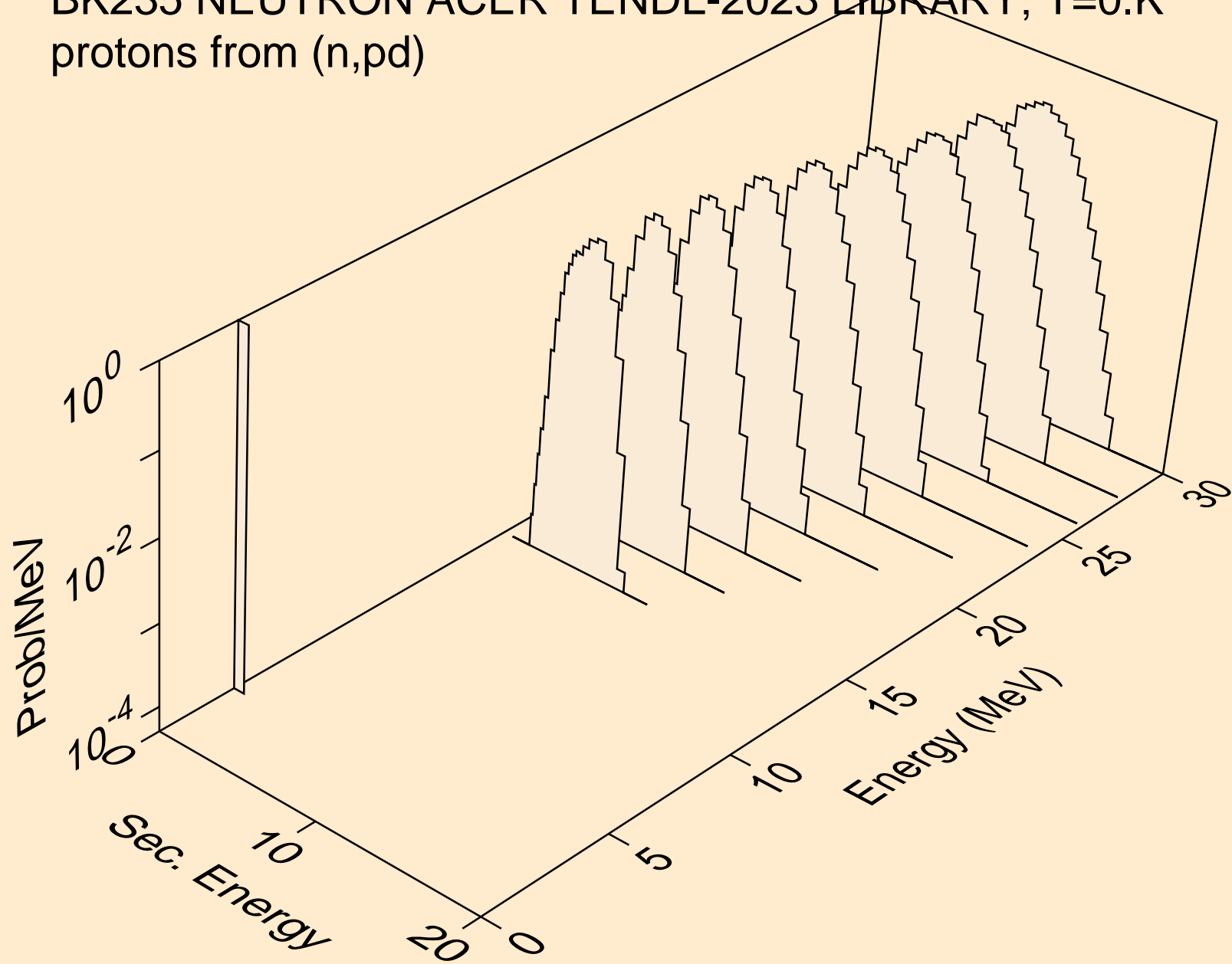
BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2p)



BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,p)

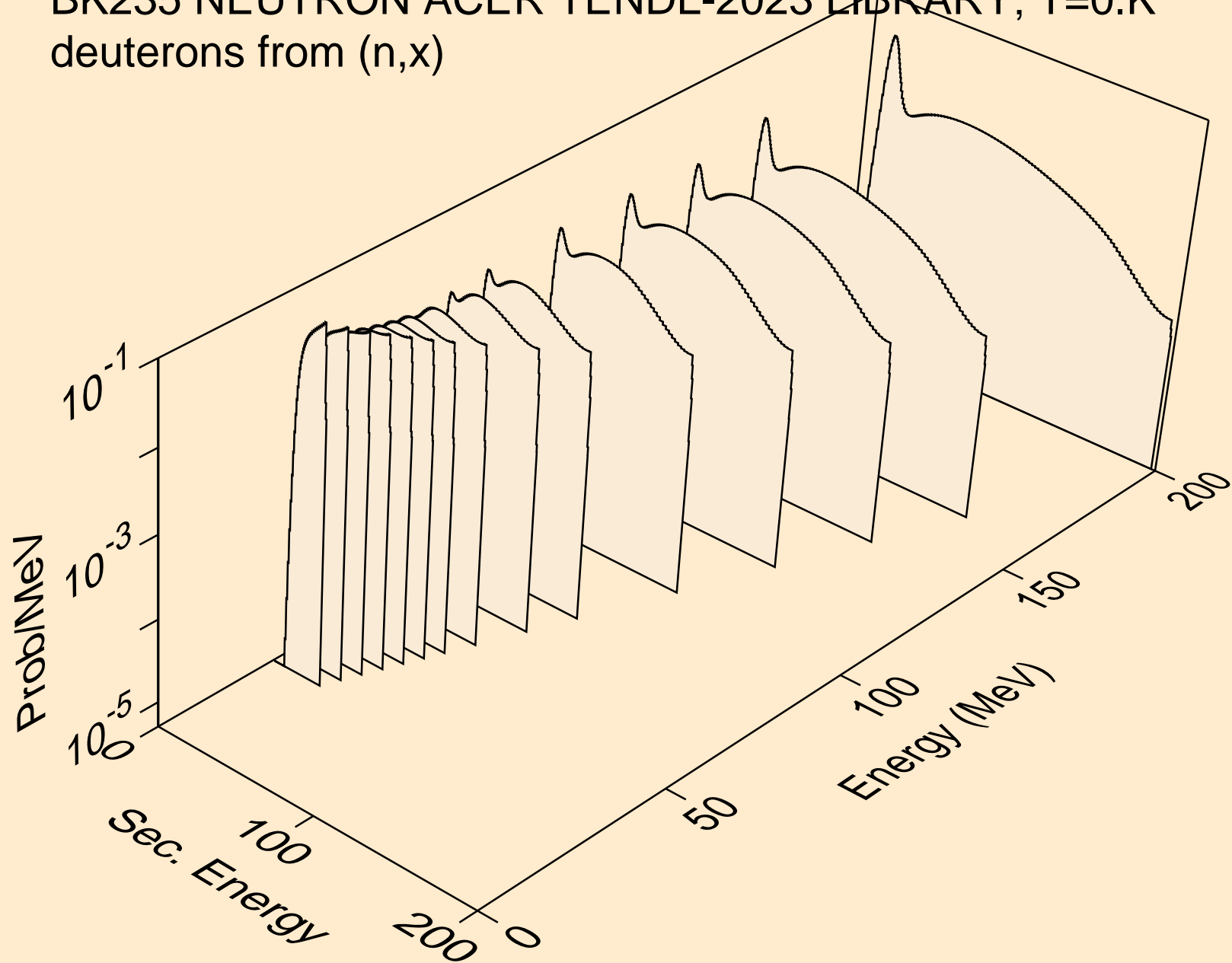


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protons from (n,pd)

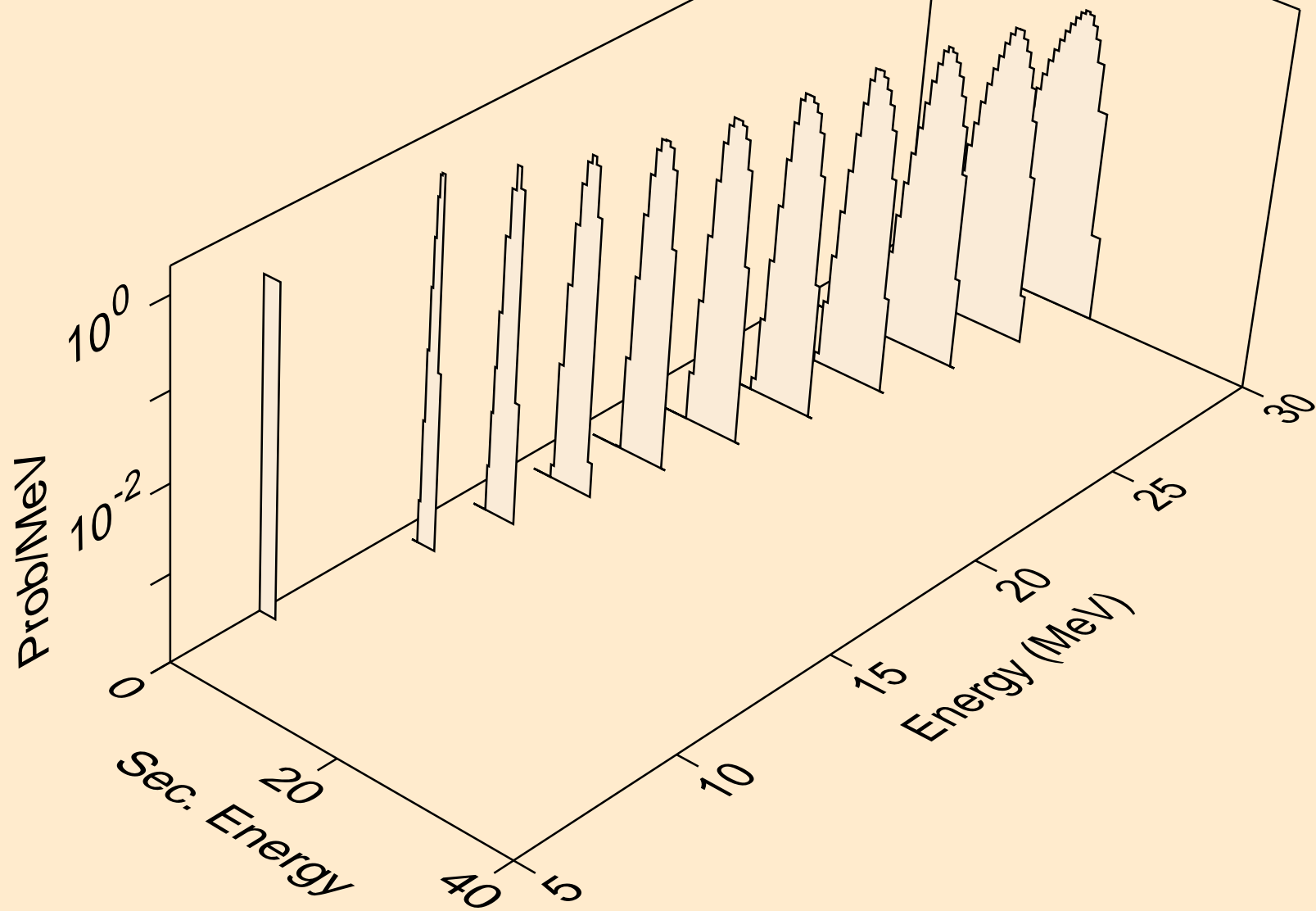




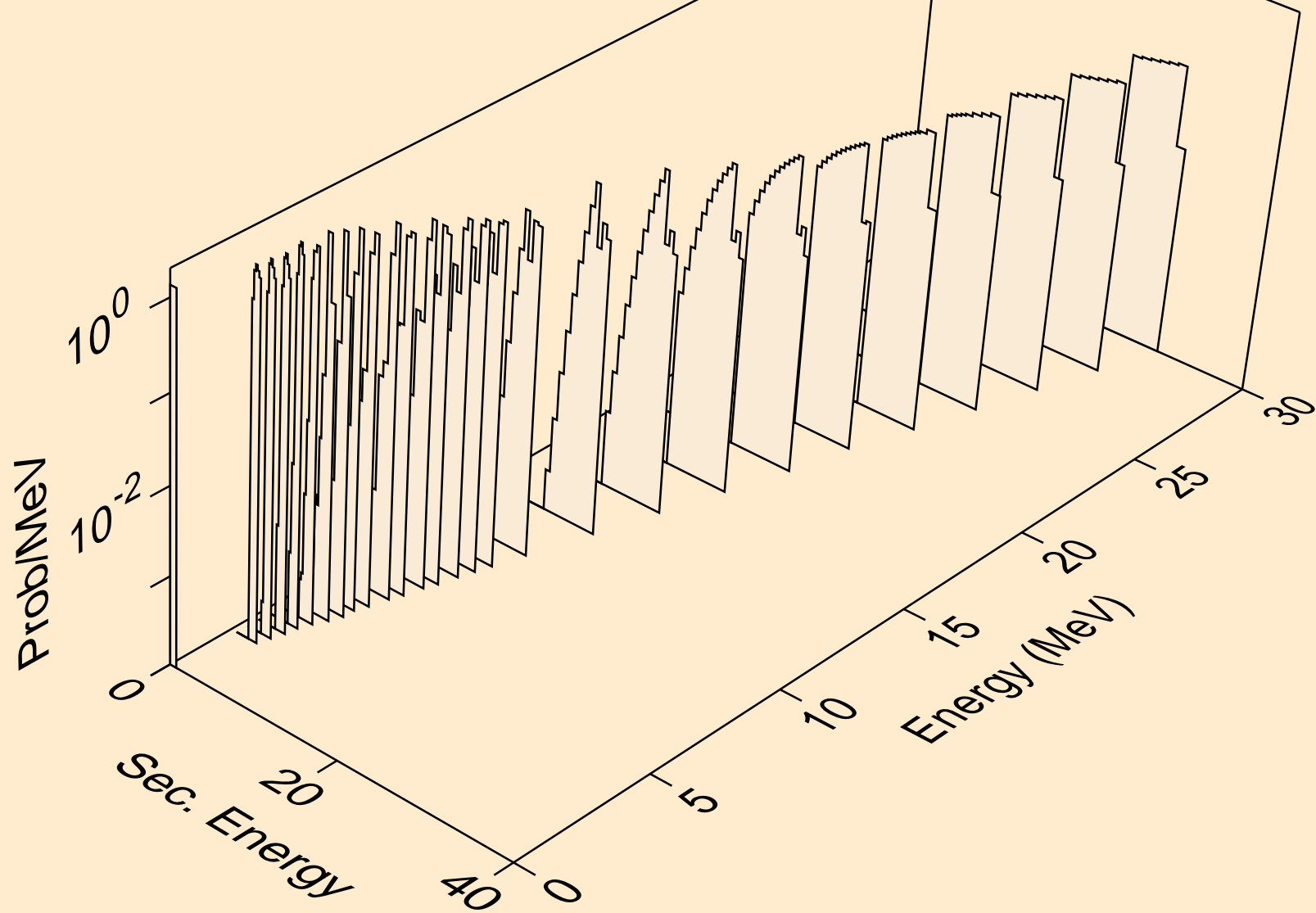
BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,x)



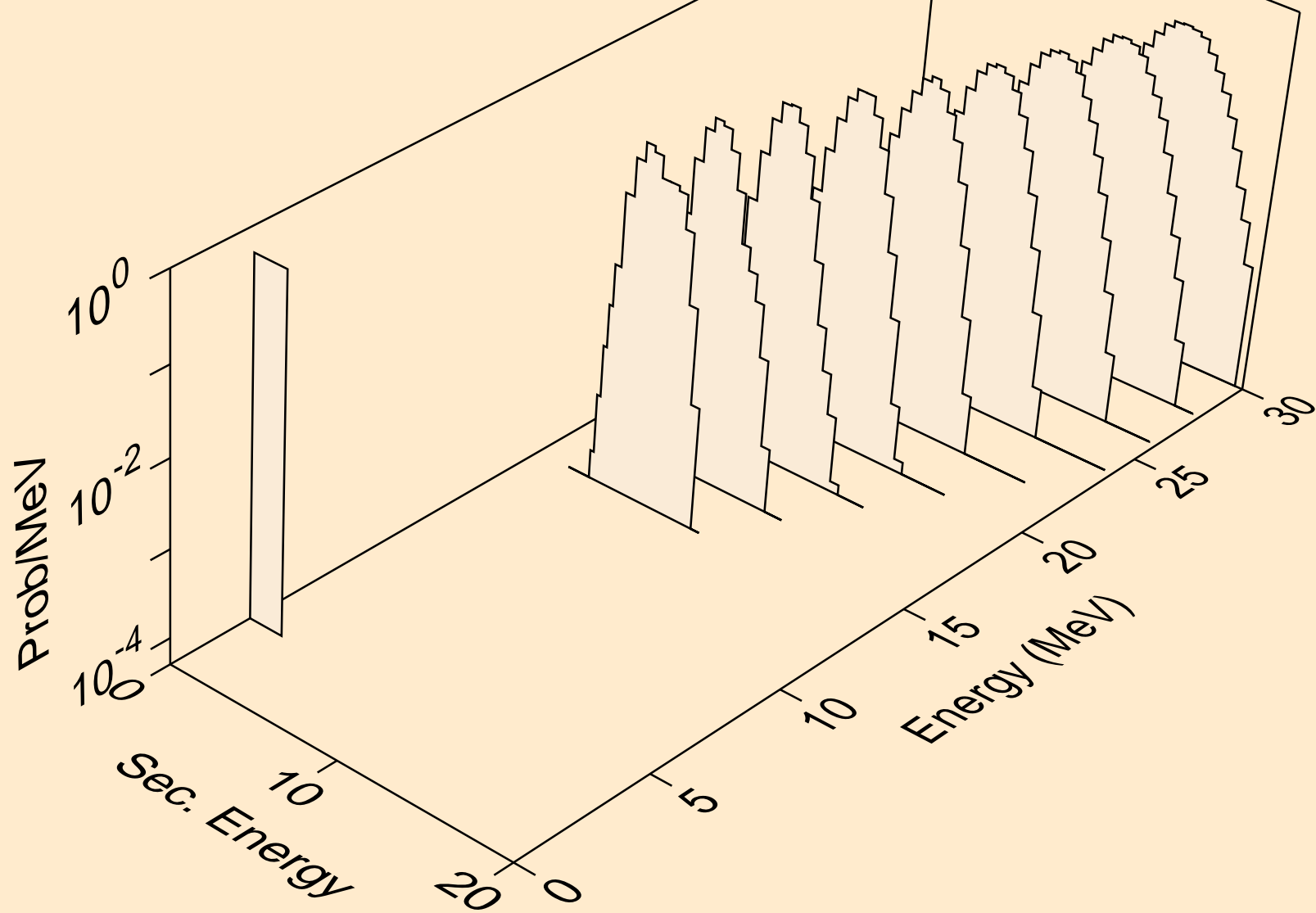
BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,n\*)d



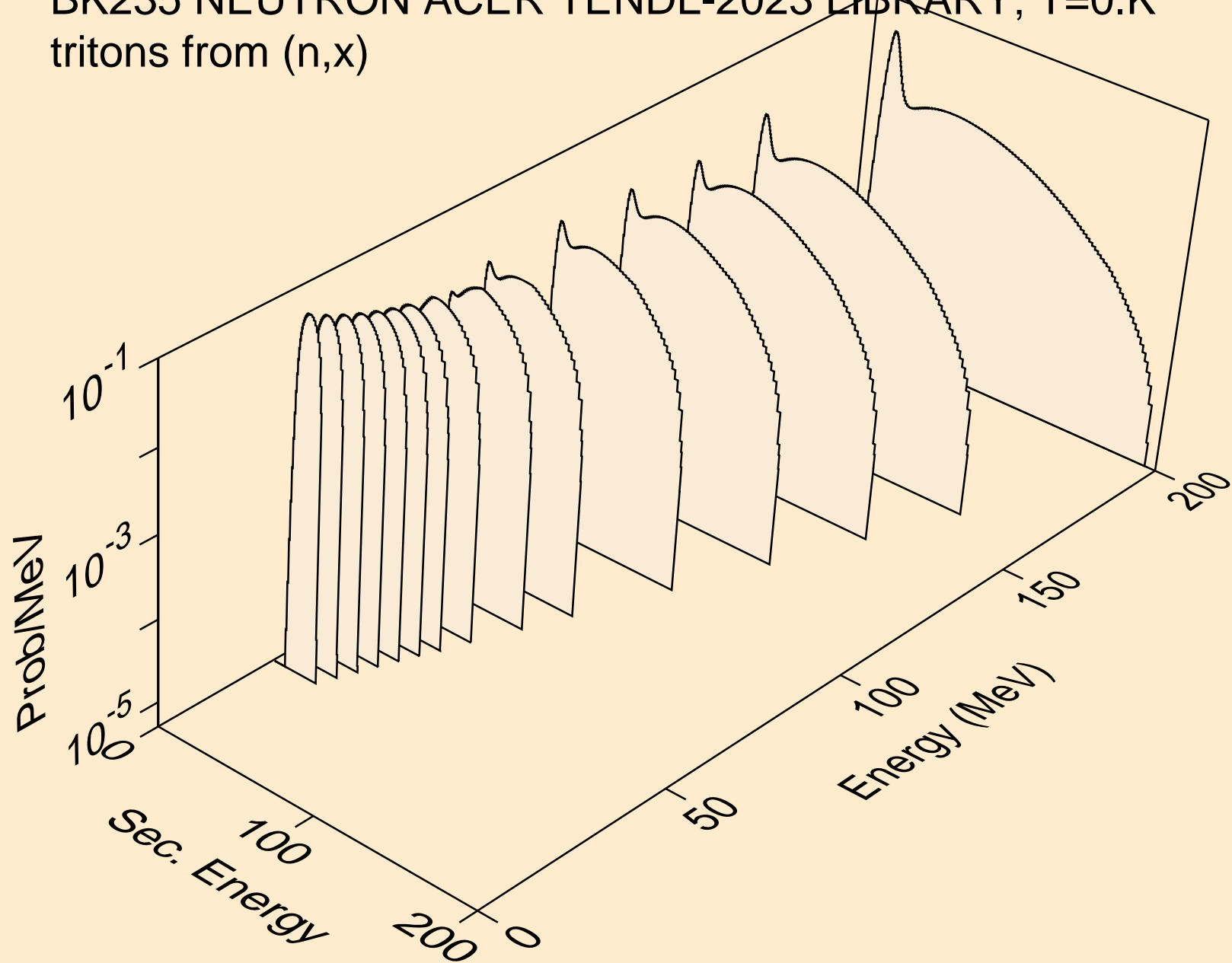
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deuterons from (n,d)



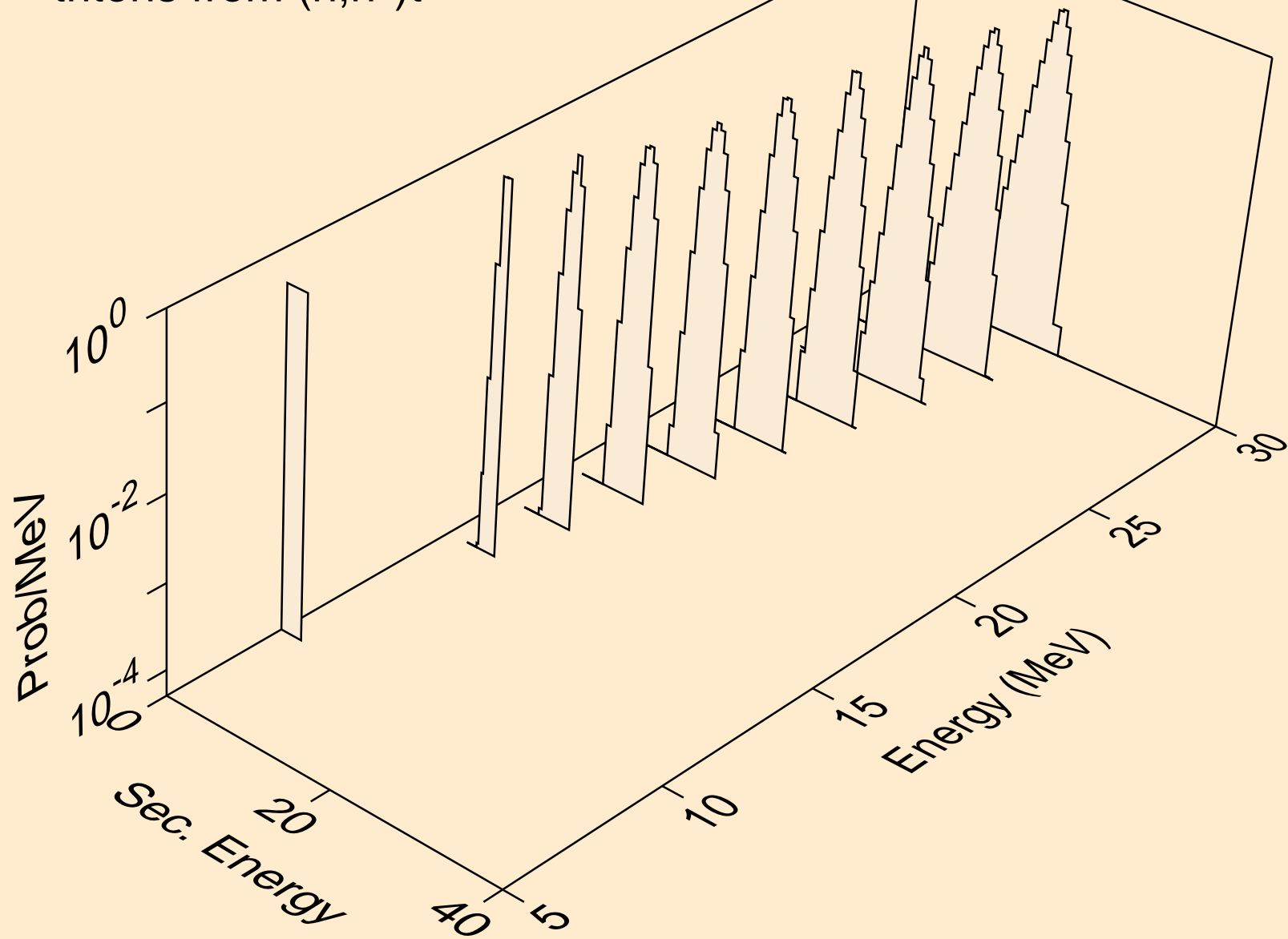
BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,pd)



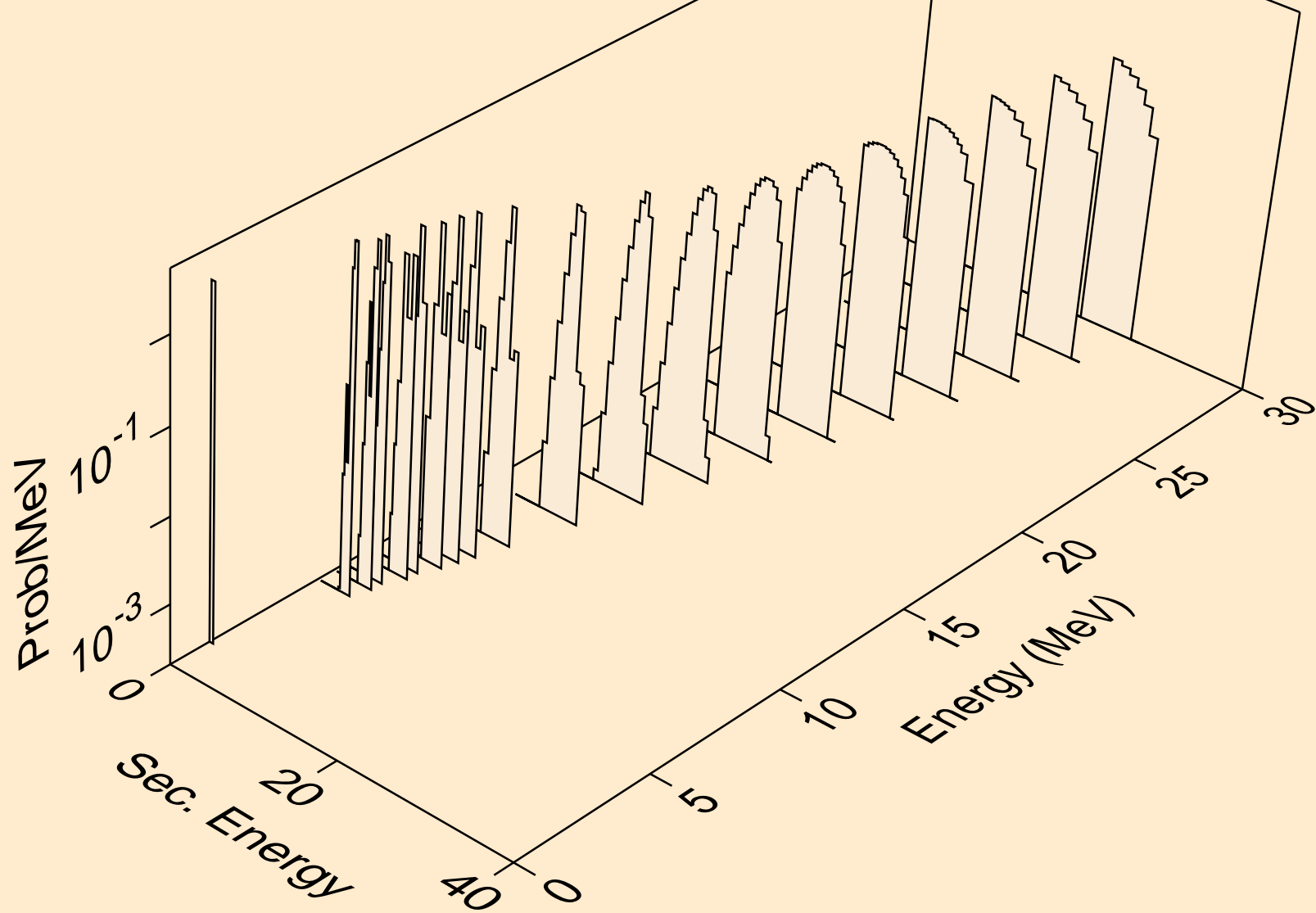
BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,x)



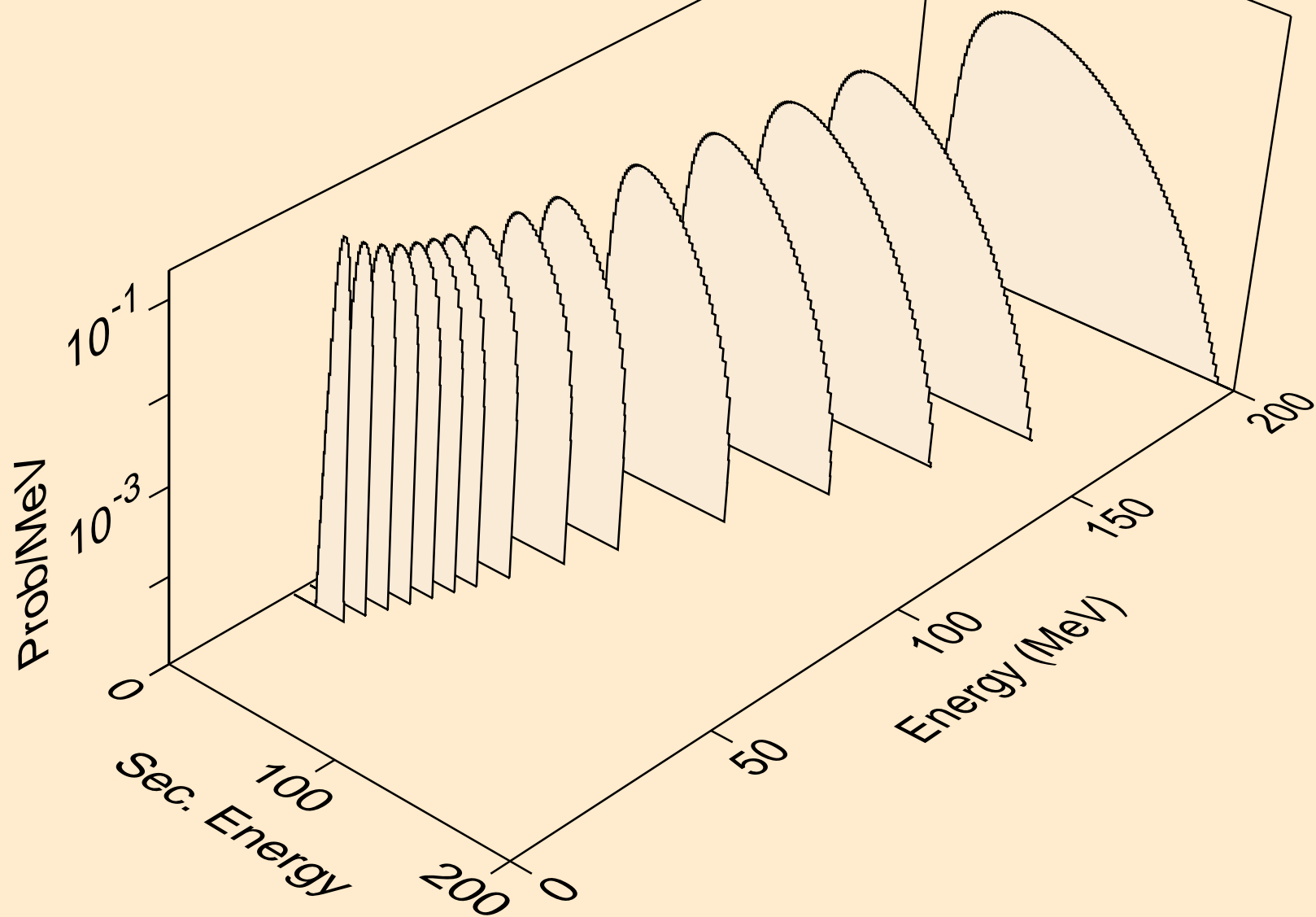
BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t



BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,t)

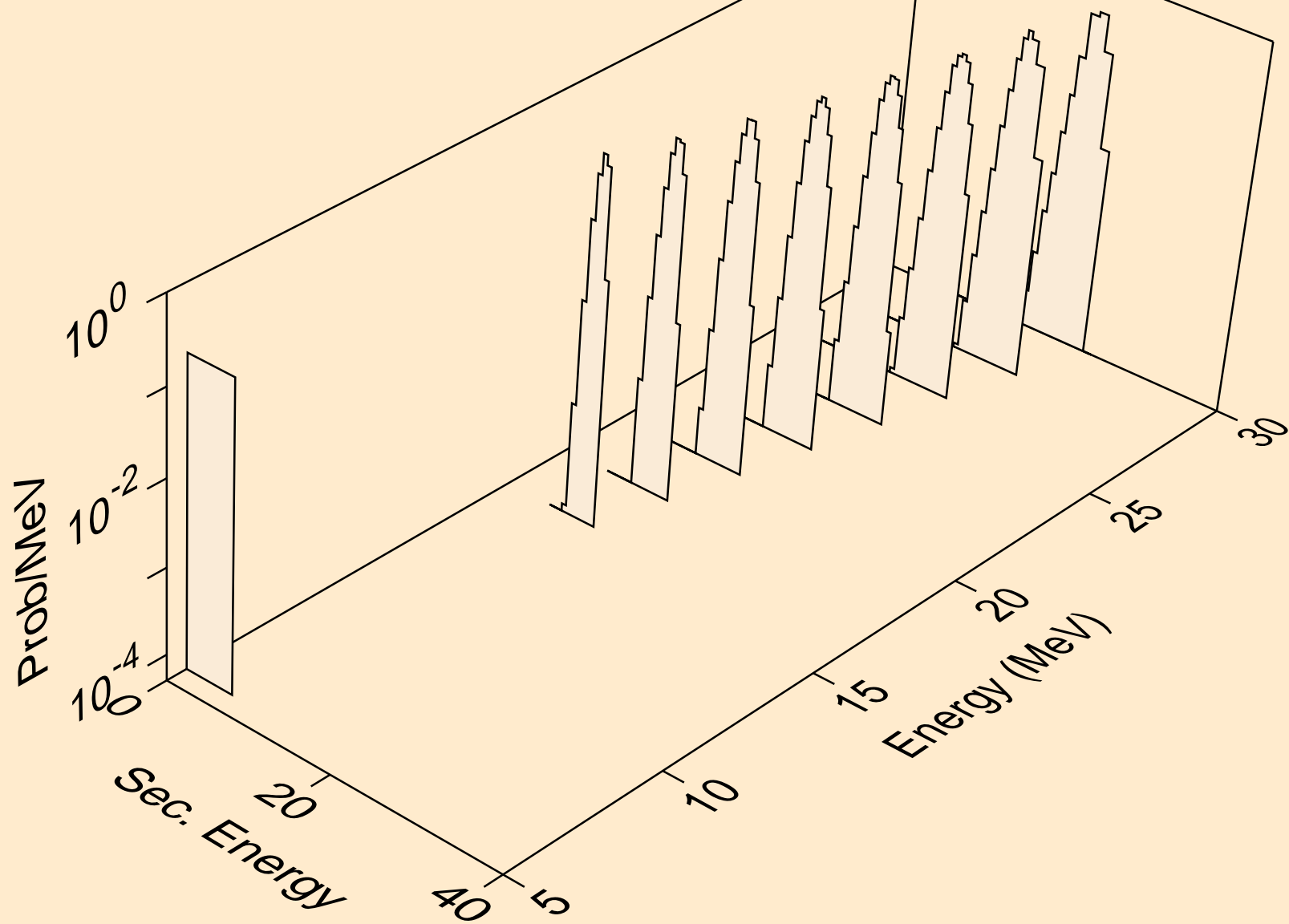


BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,x)

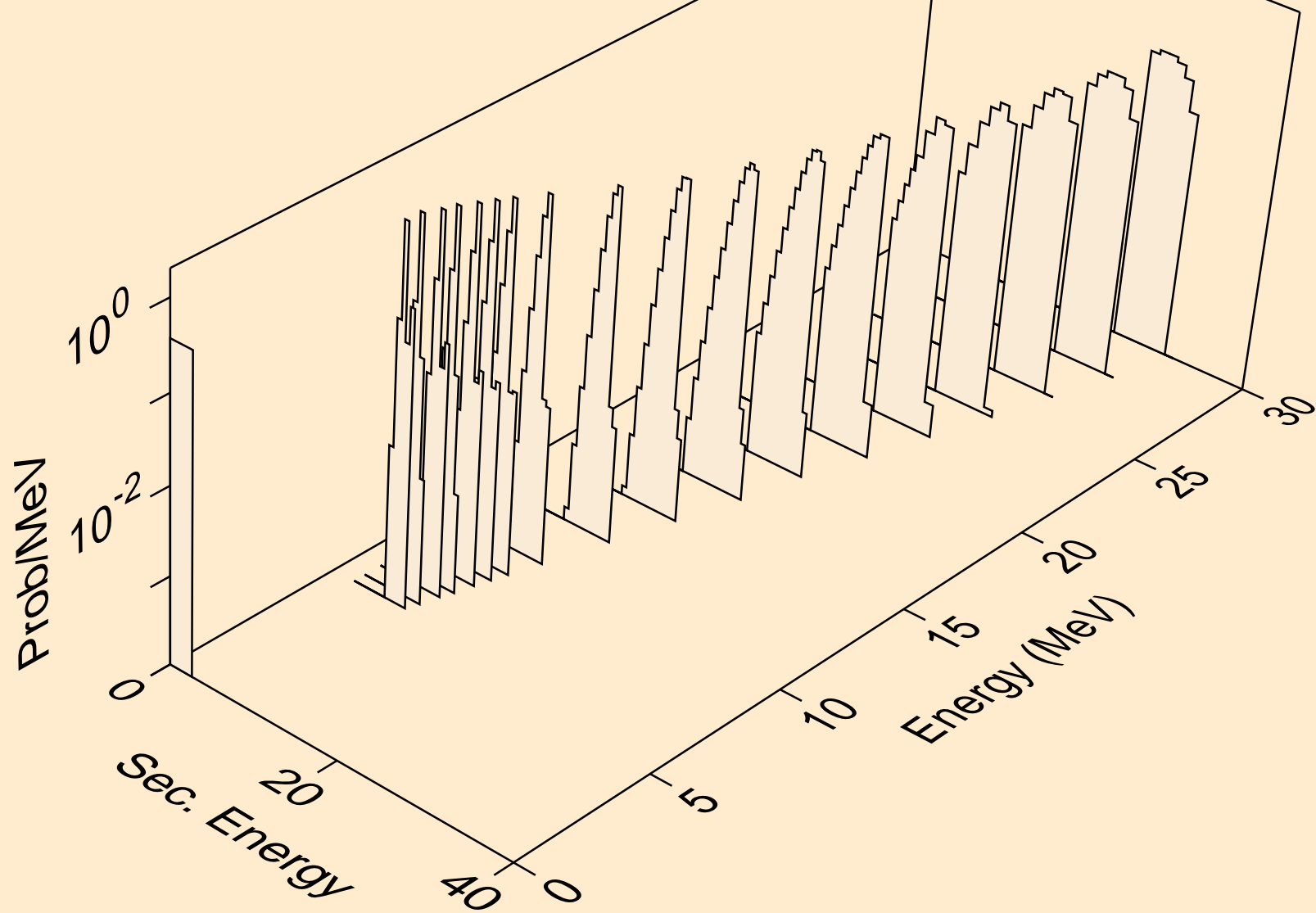




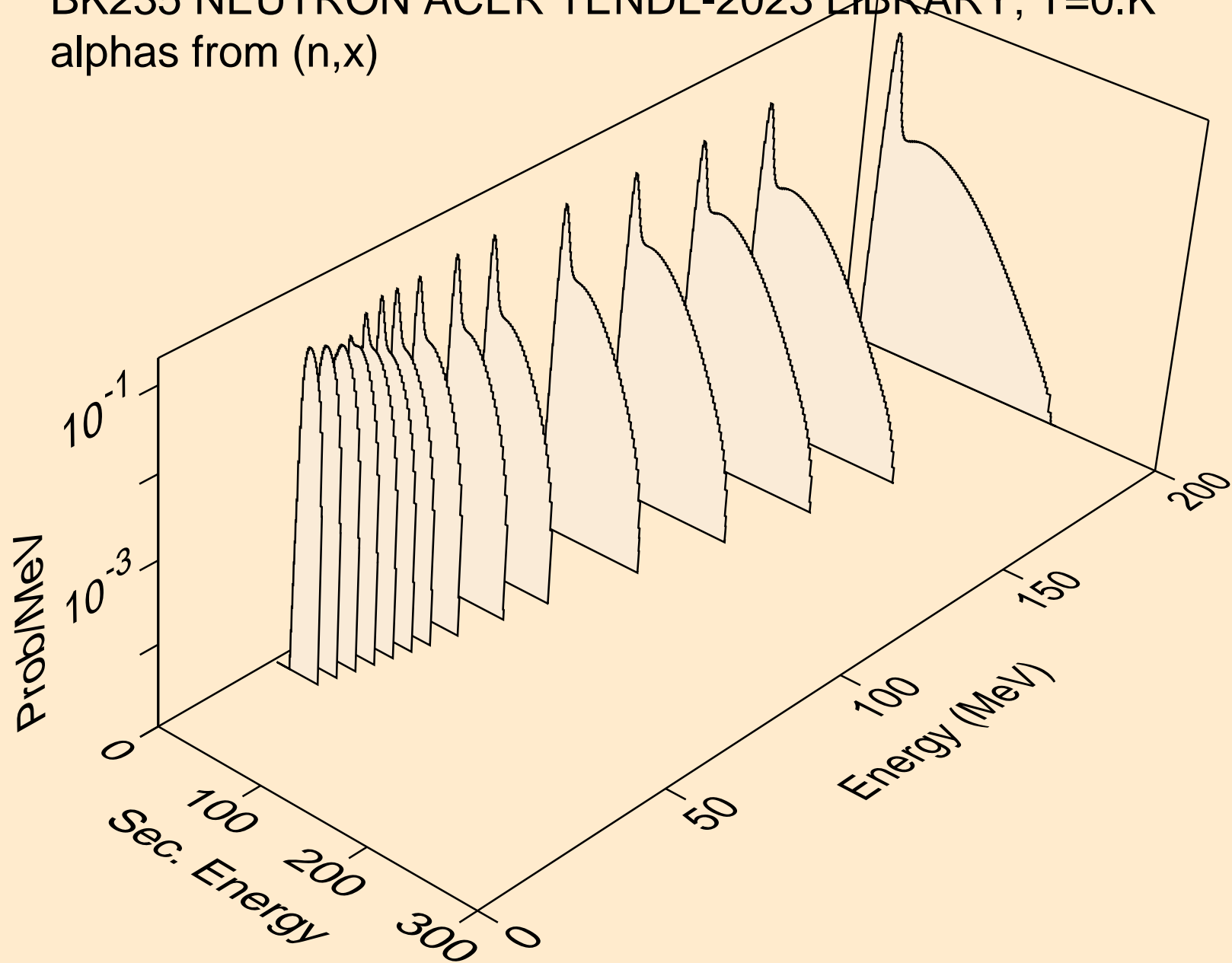
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he3s from (n,n\*)he3



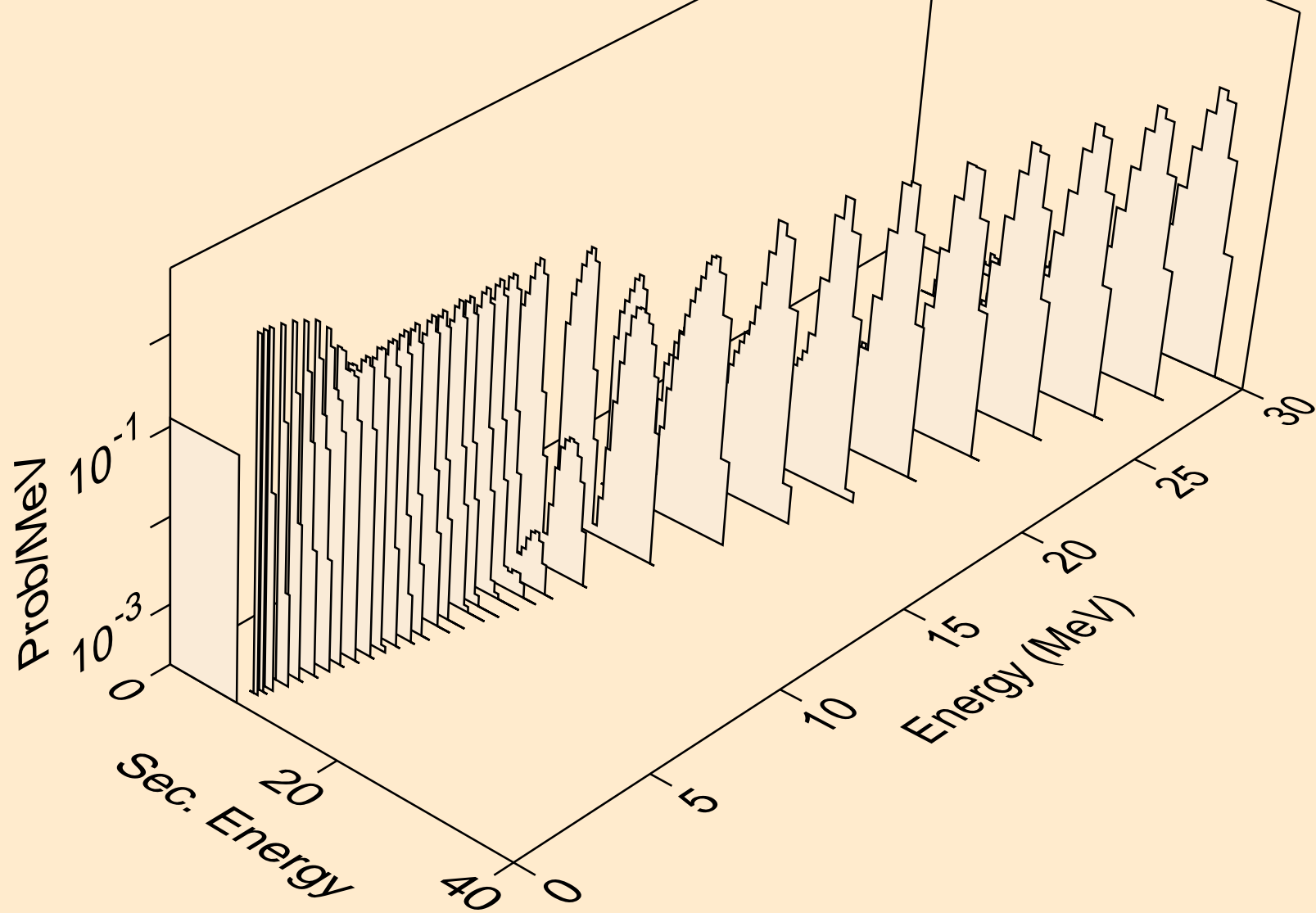
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he3s from (n,he3)



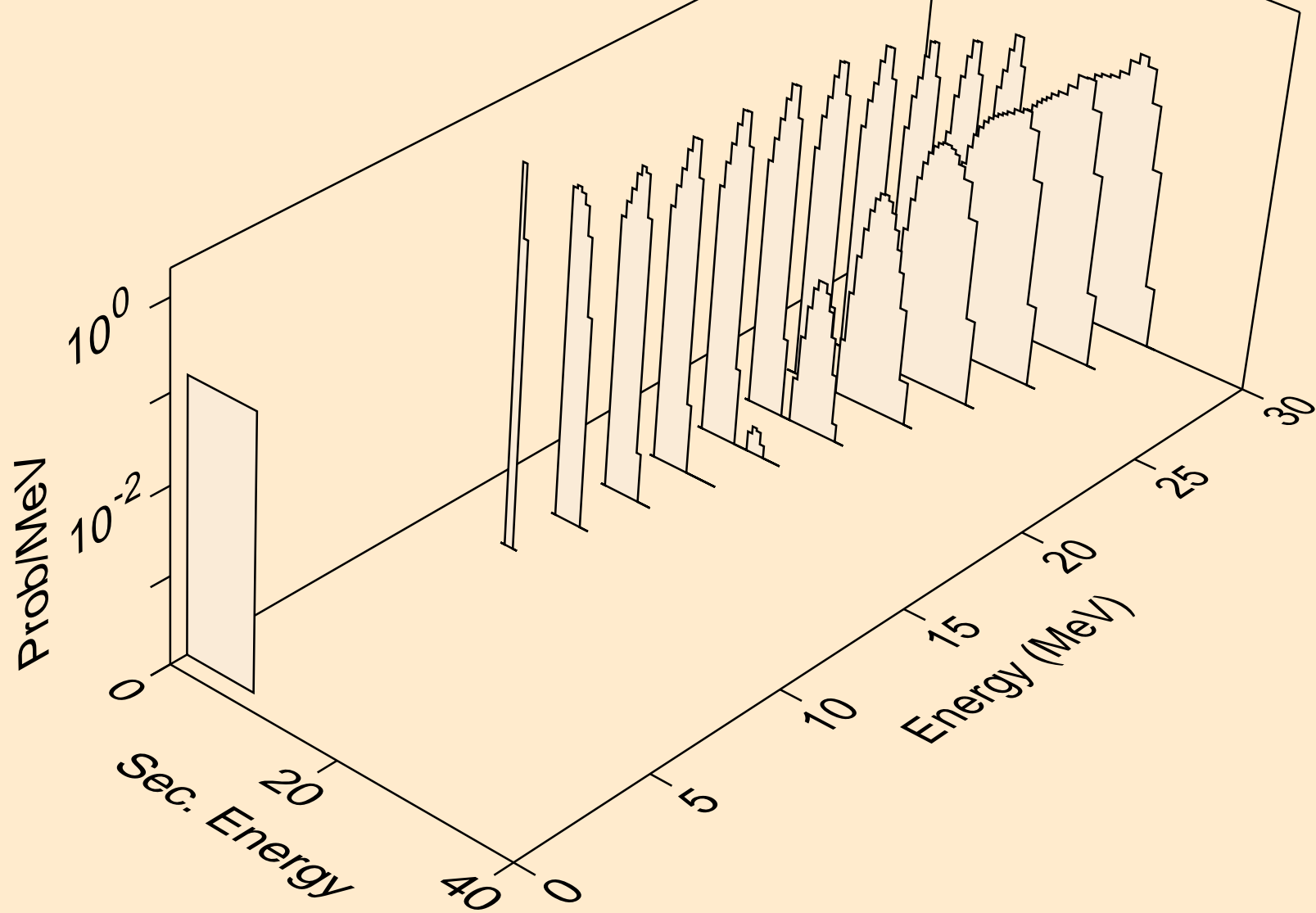
BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



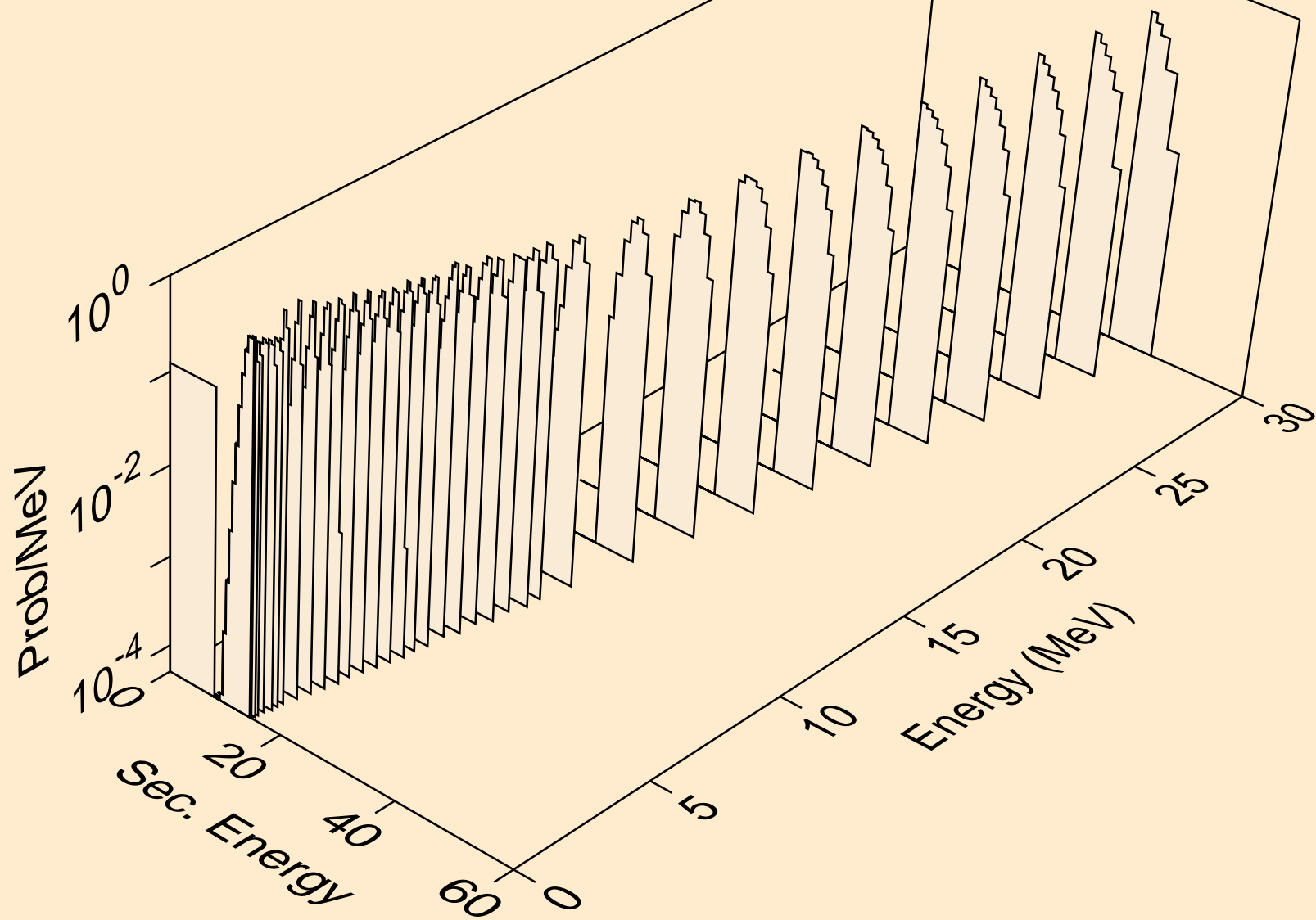
BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a



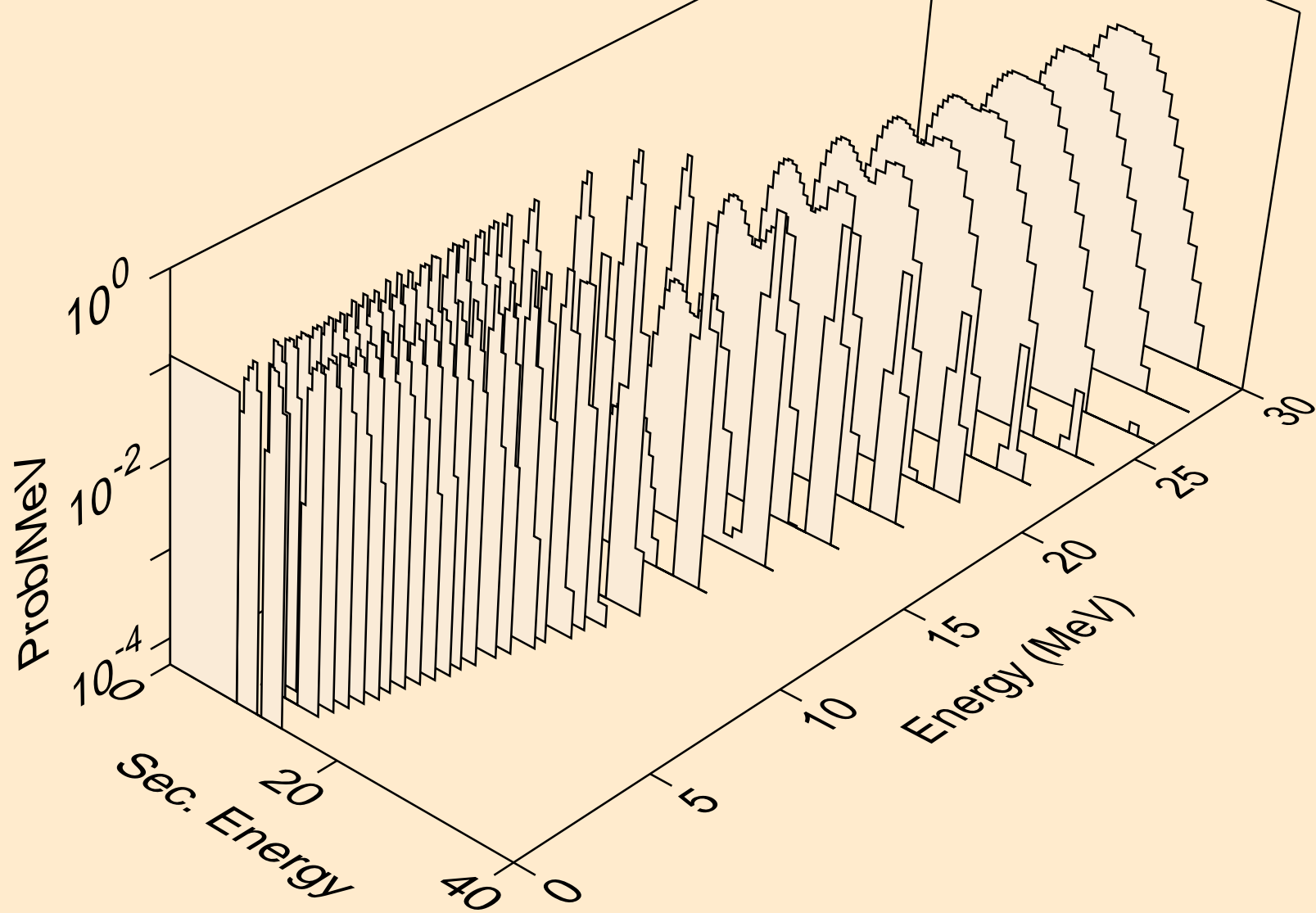
BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a



BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)



BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2a)



BK235 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)

