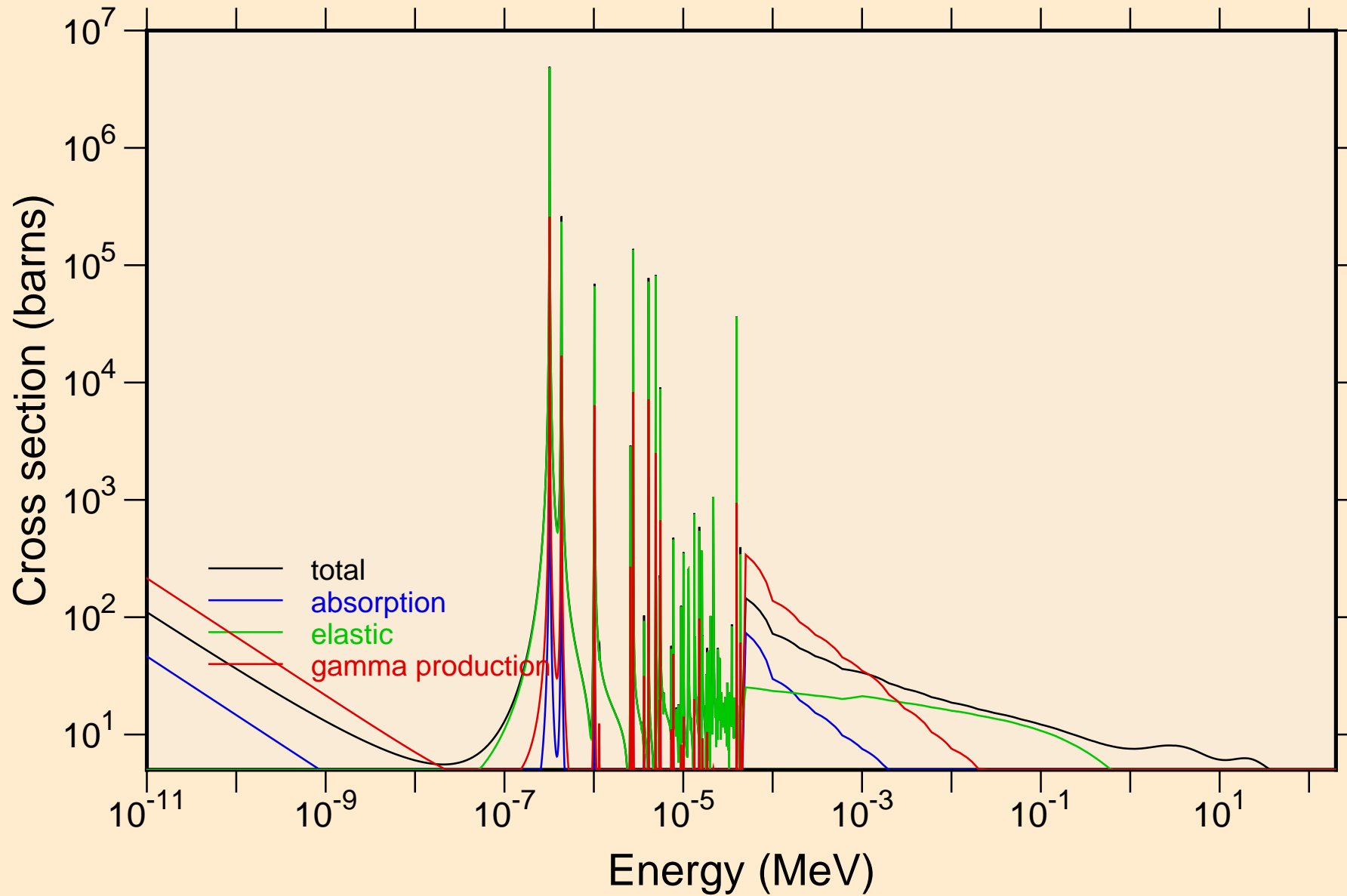
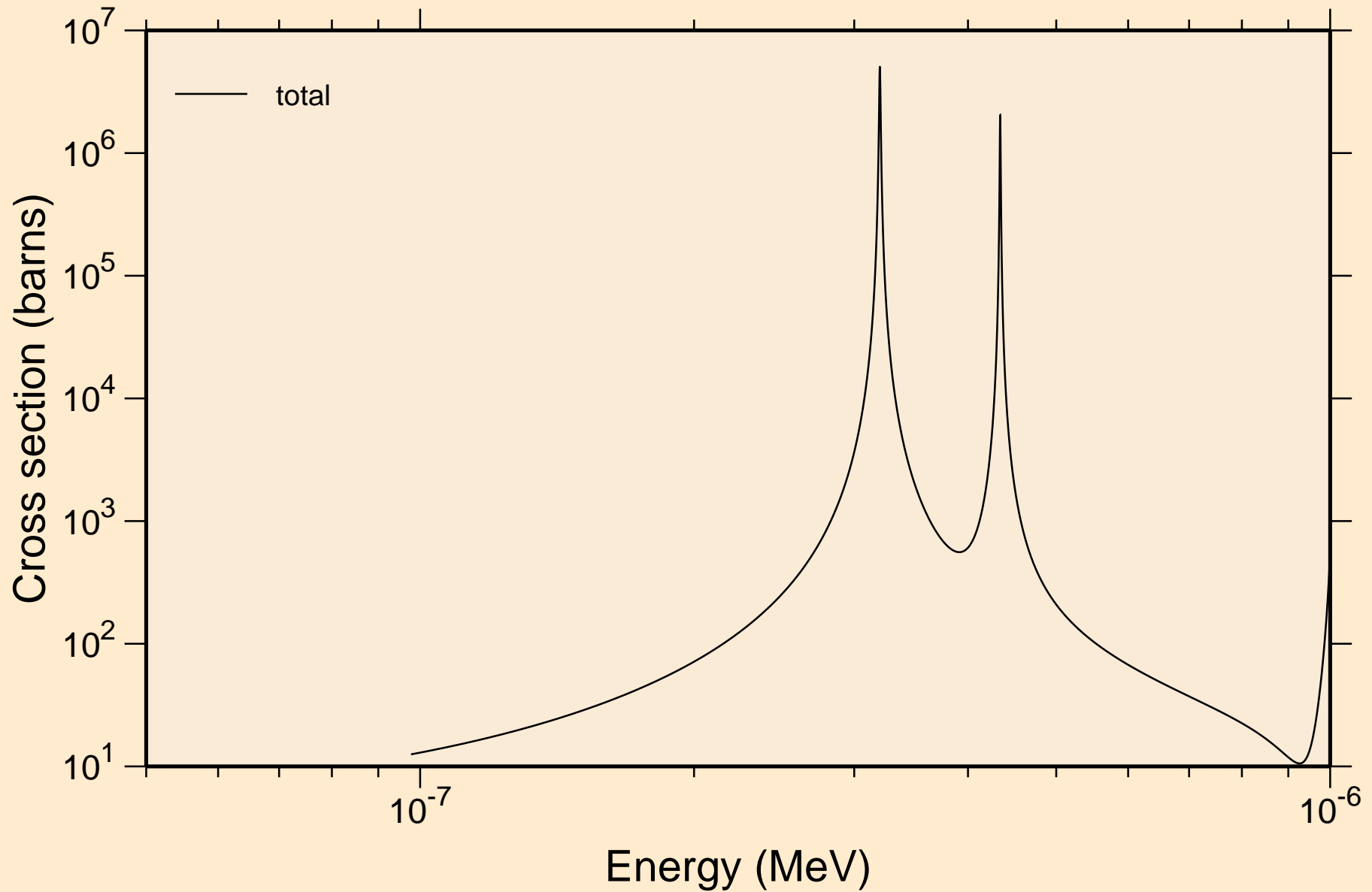


# BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

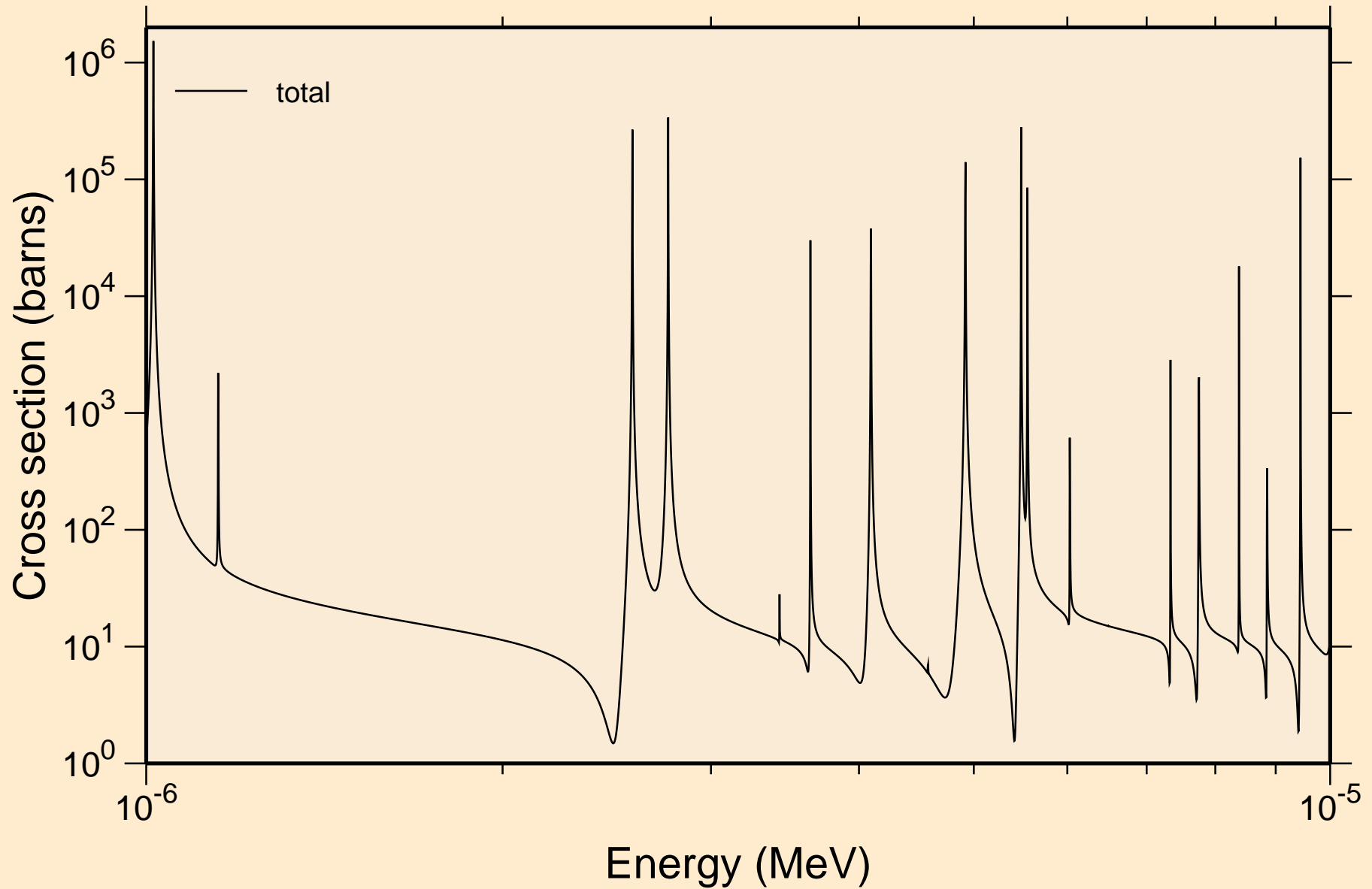
## Principal cross sections



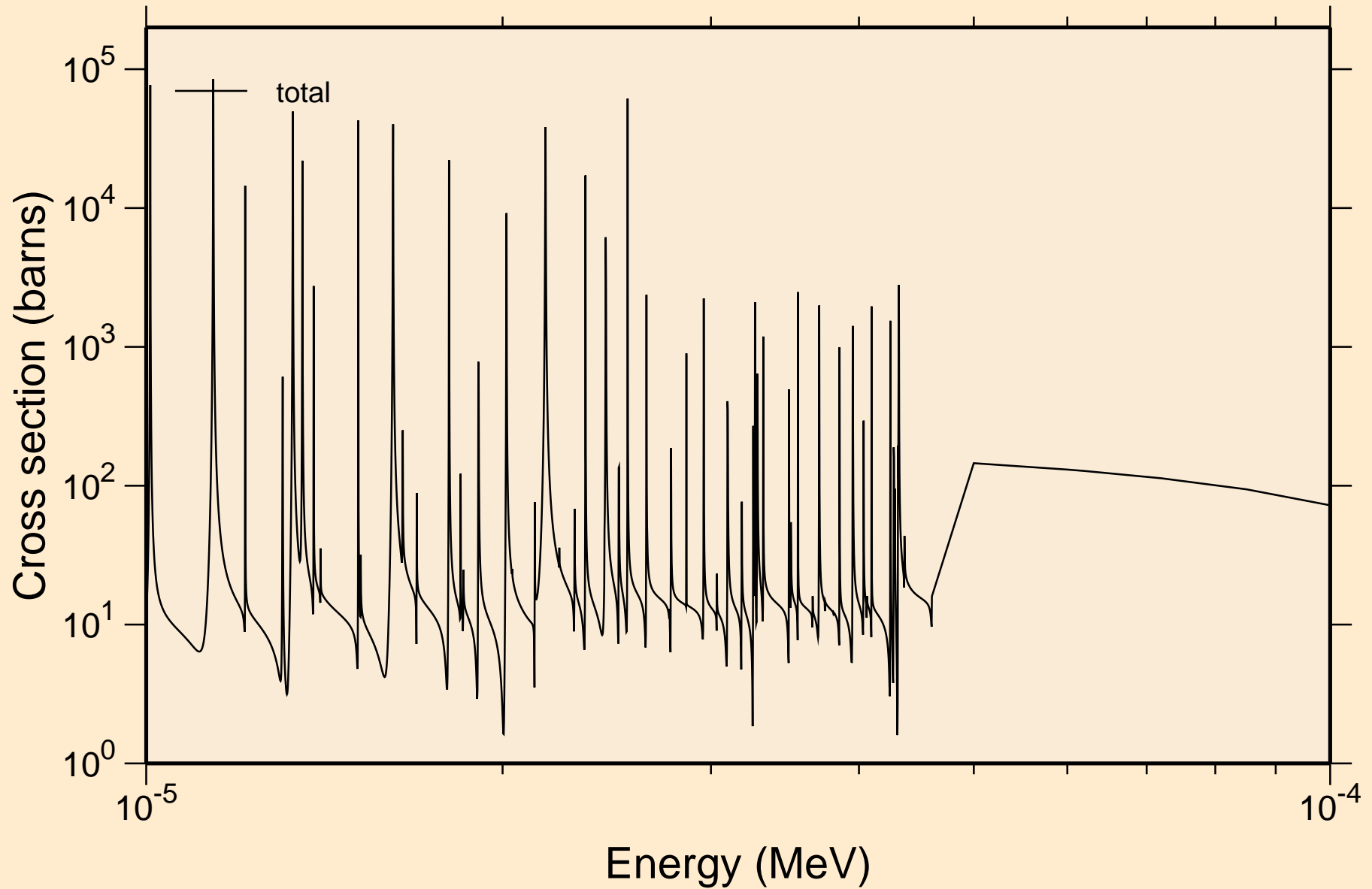
BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



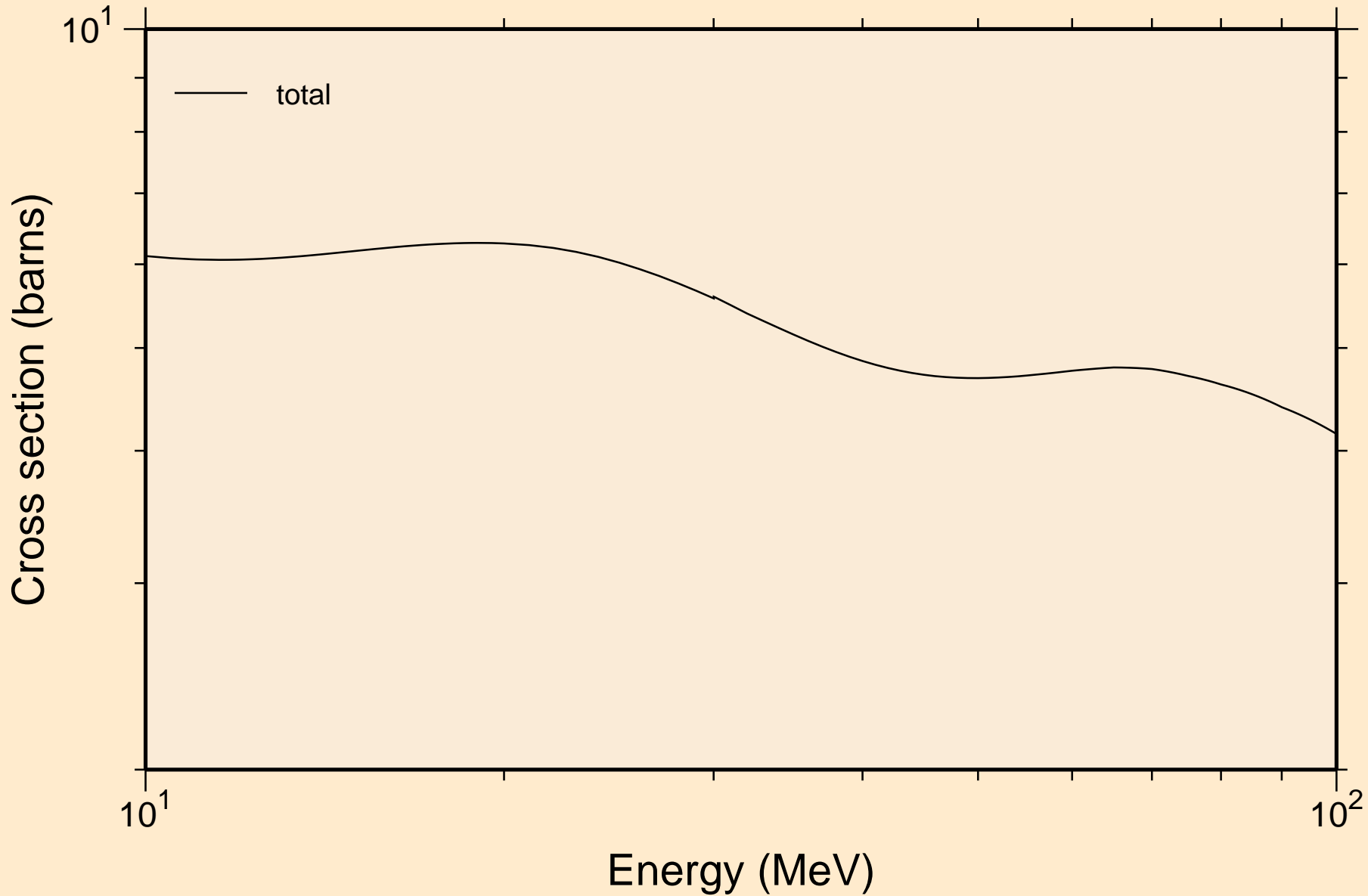
BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



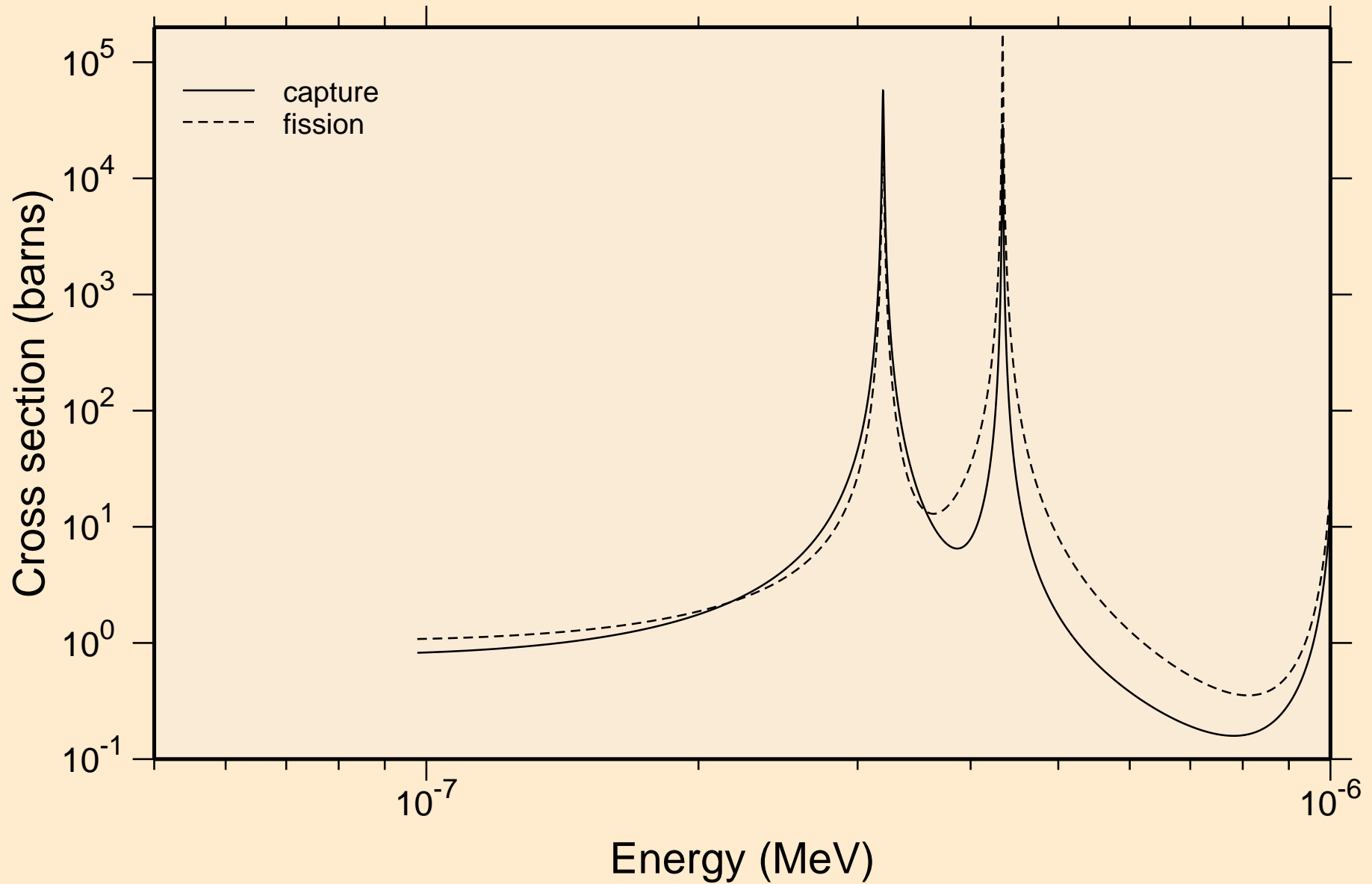
BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



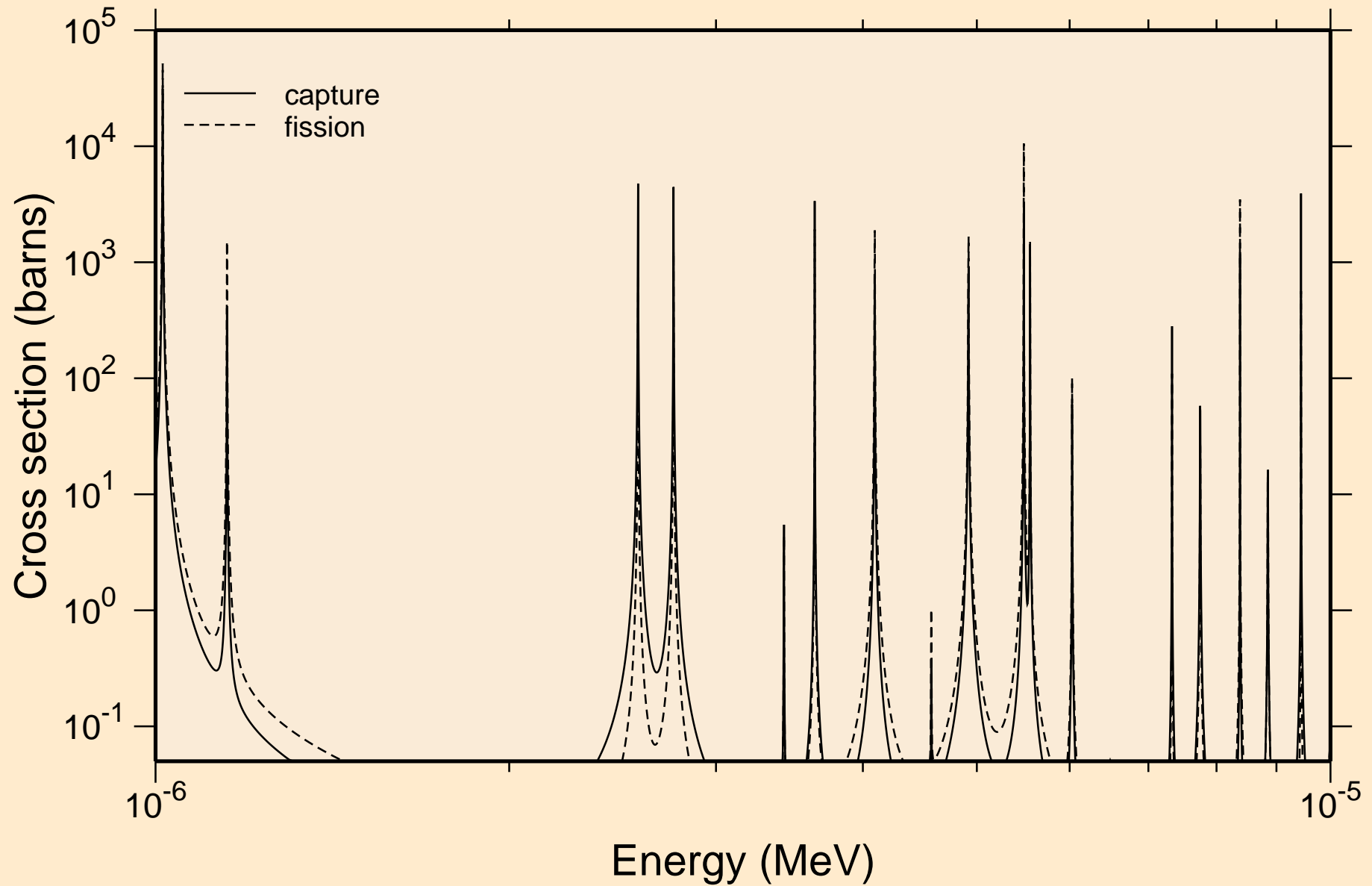
BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



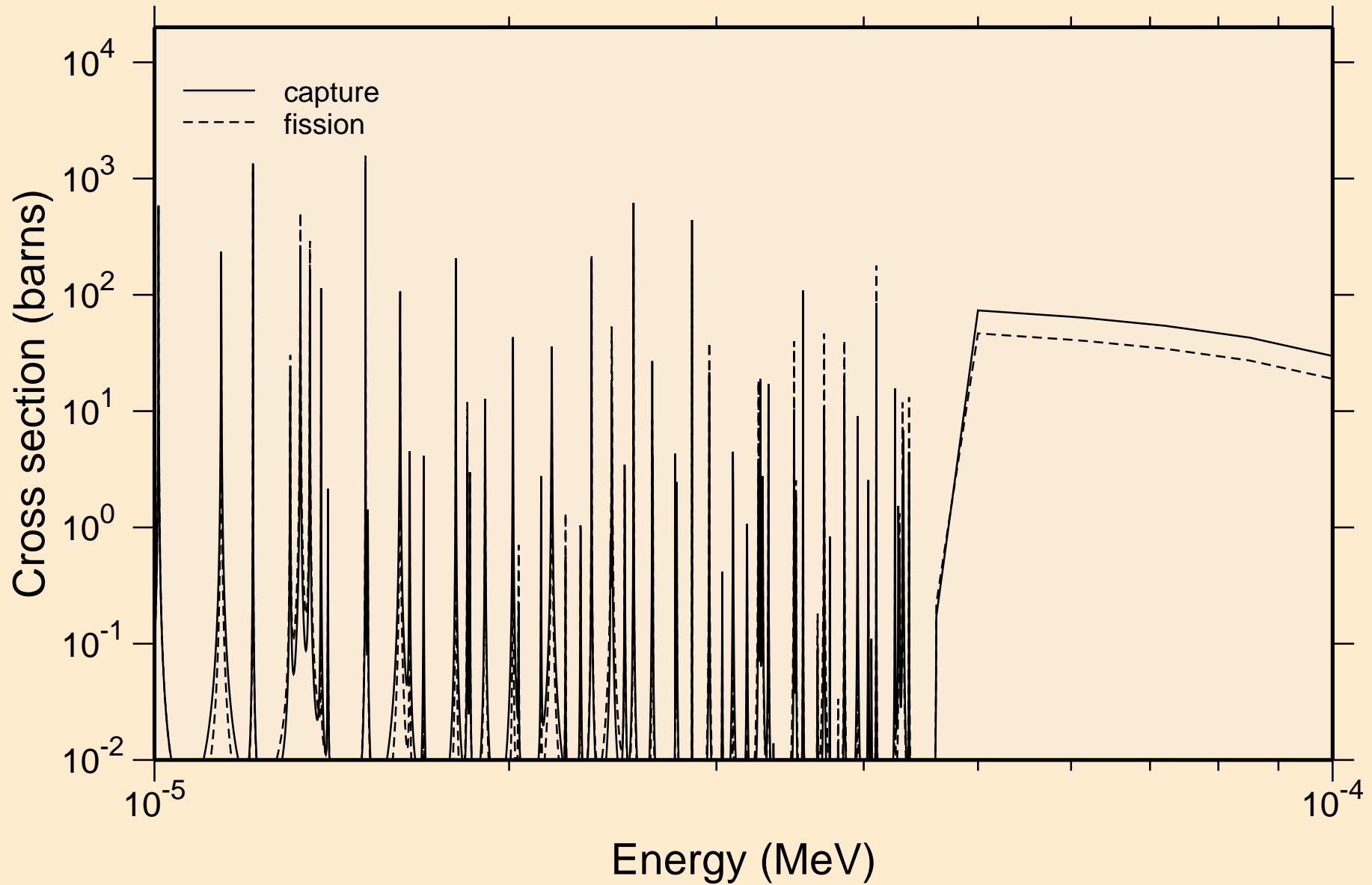
BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

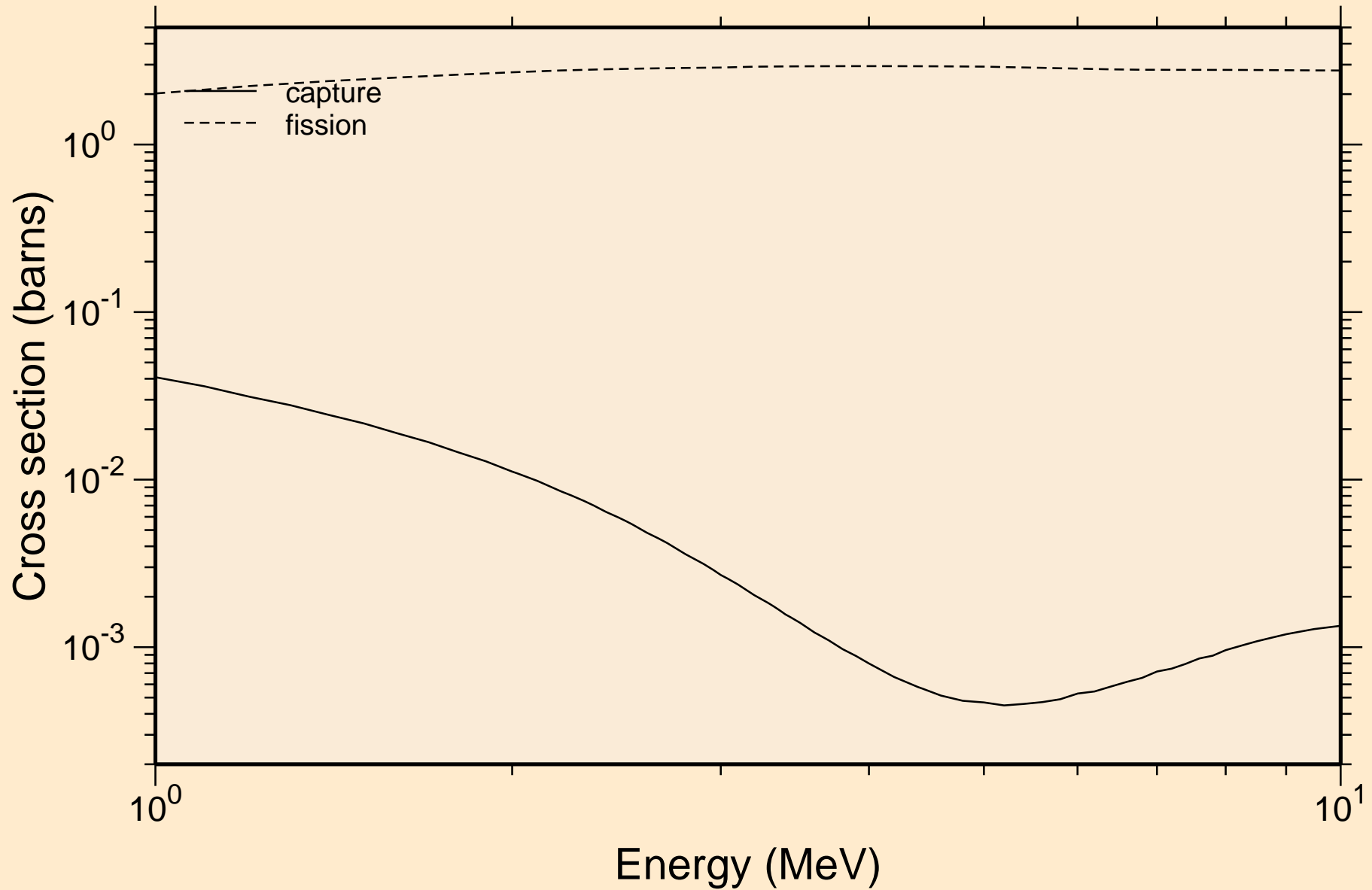


BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



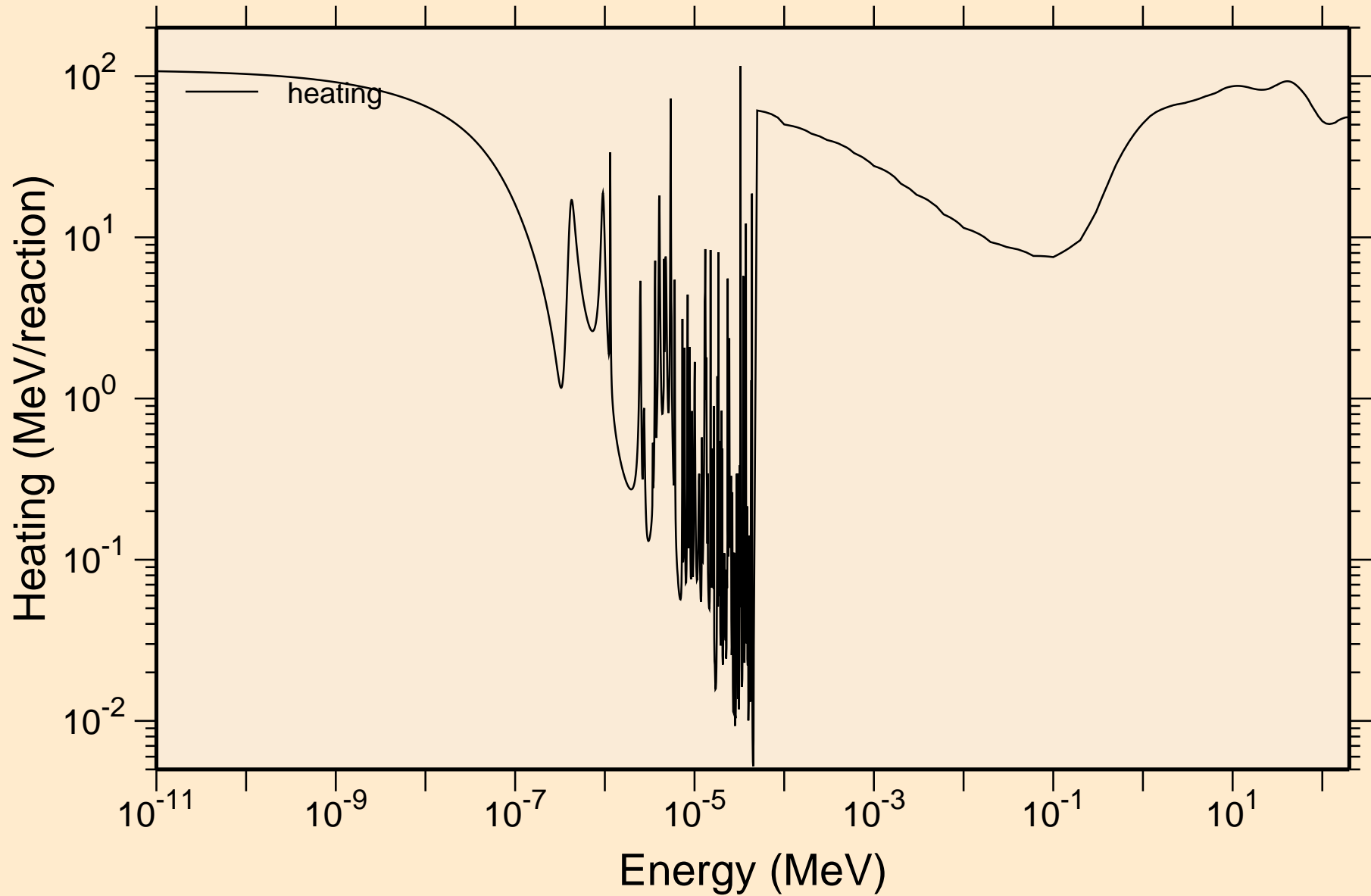


BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



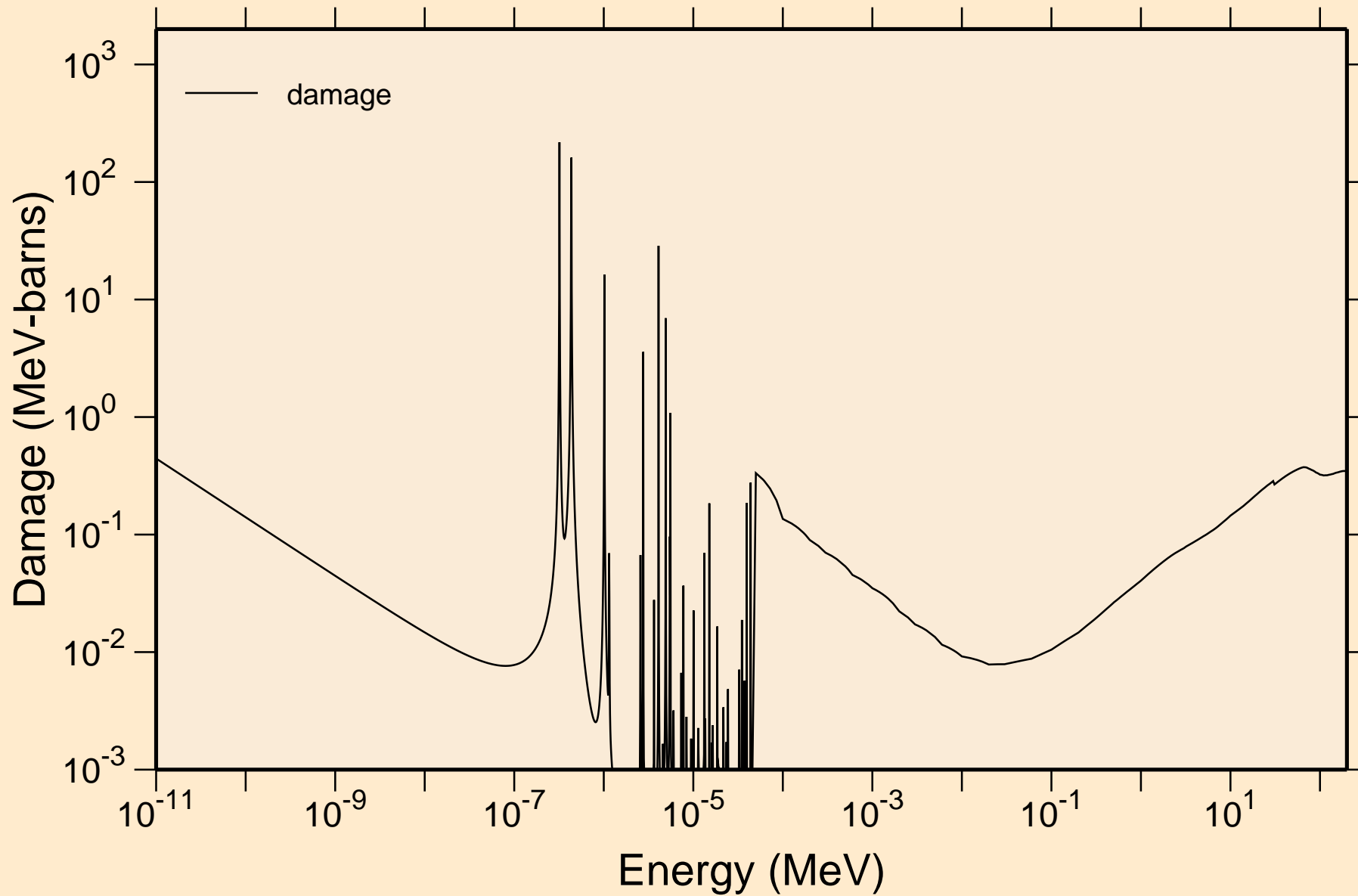
# BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



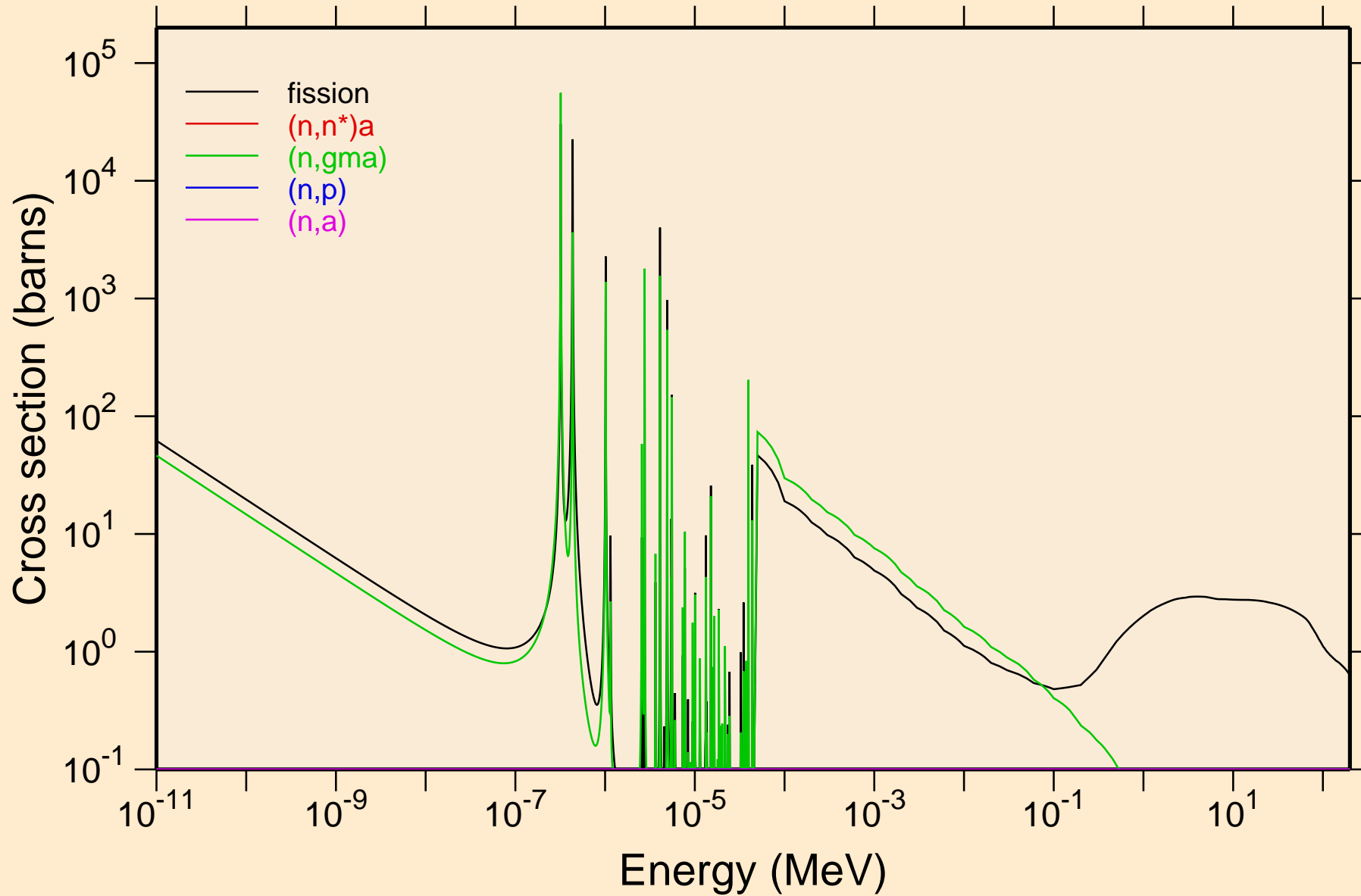
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## Damage

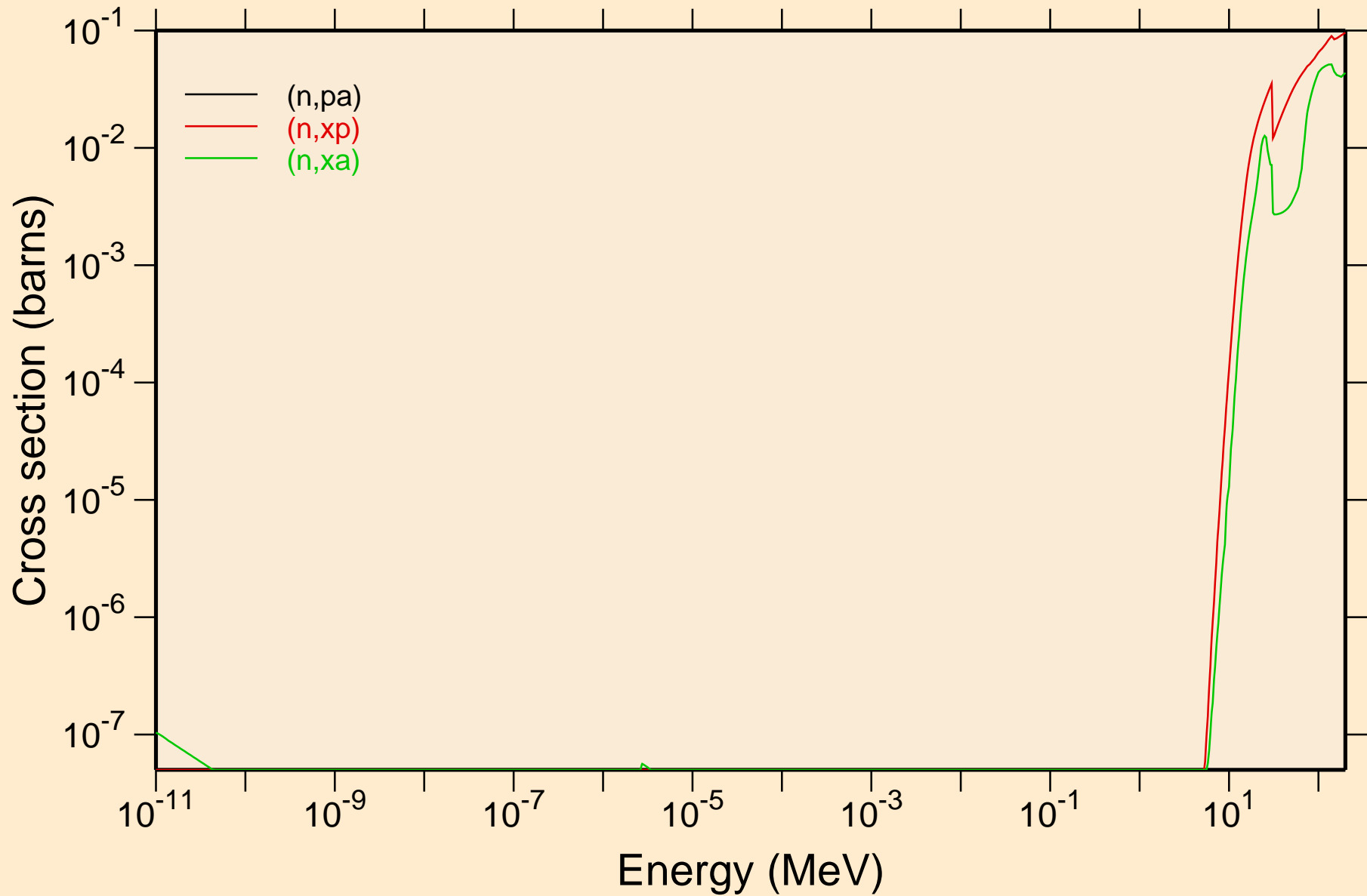


# BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

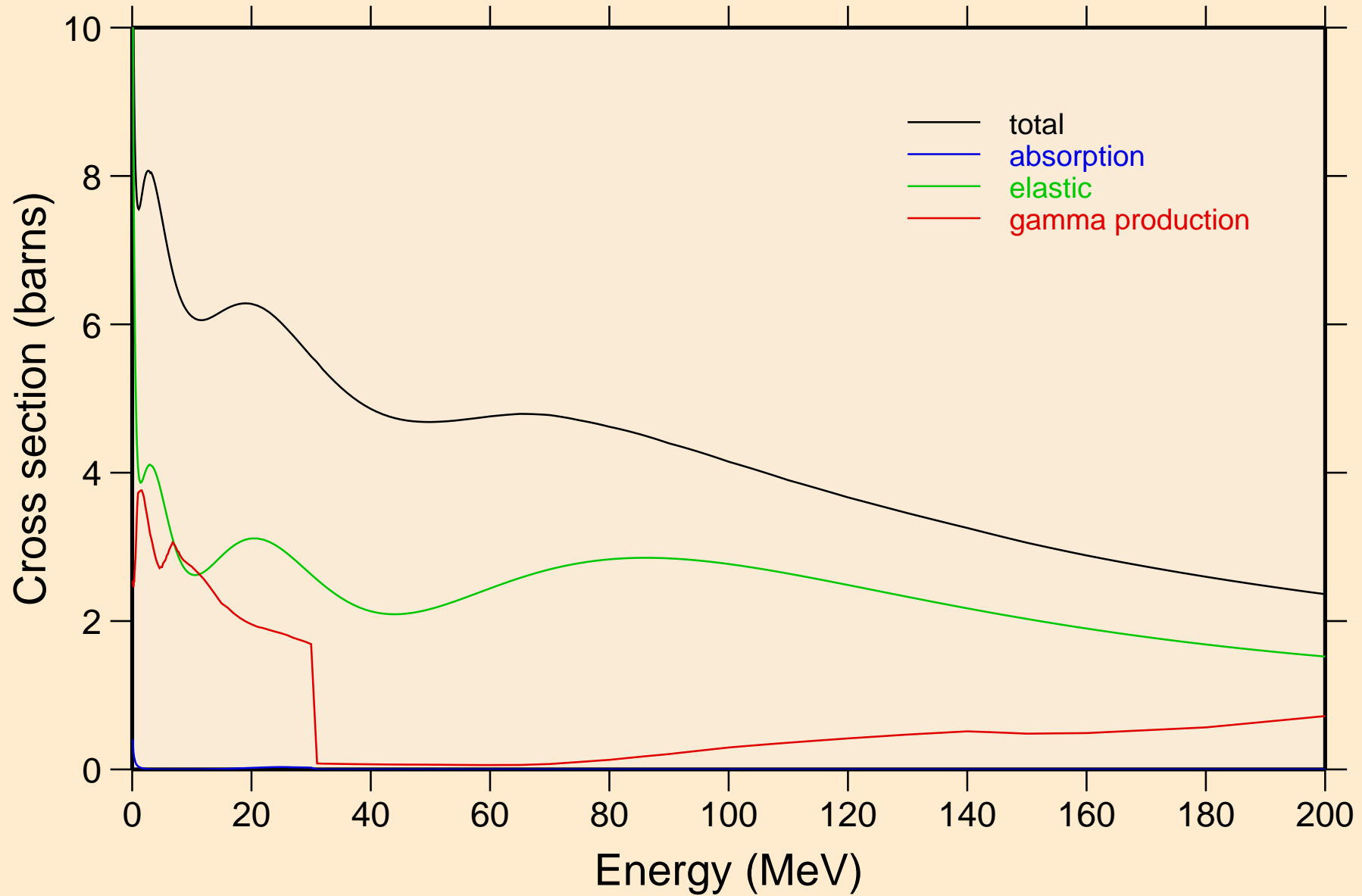
## Non-threshold reactions



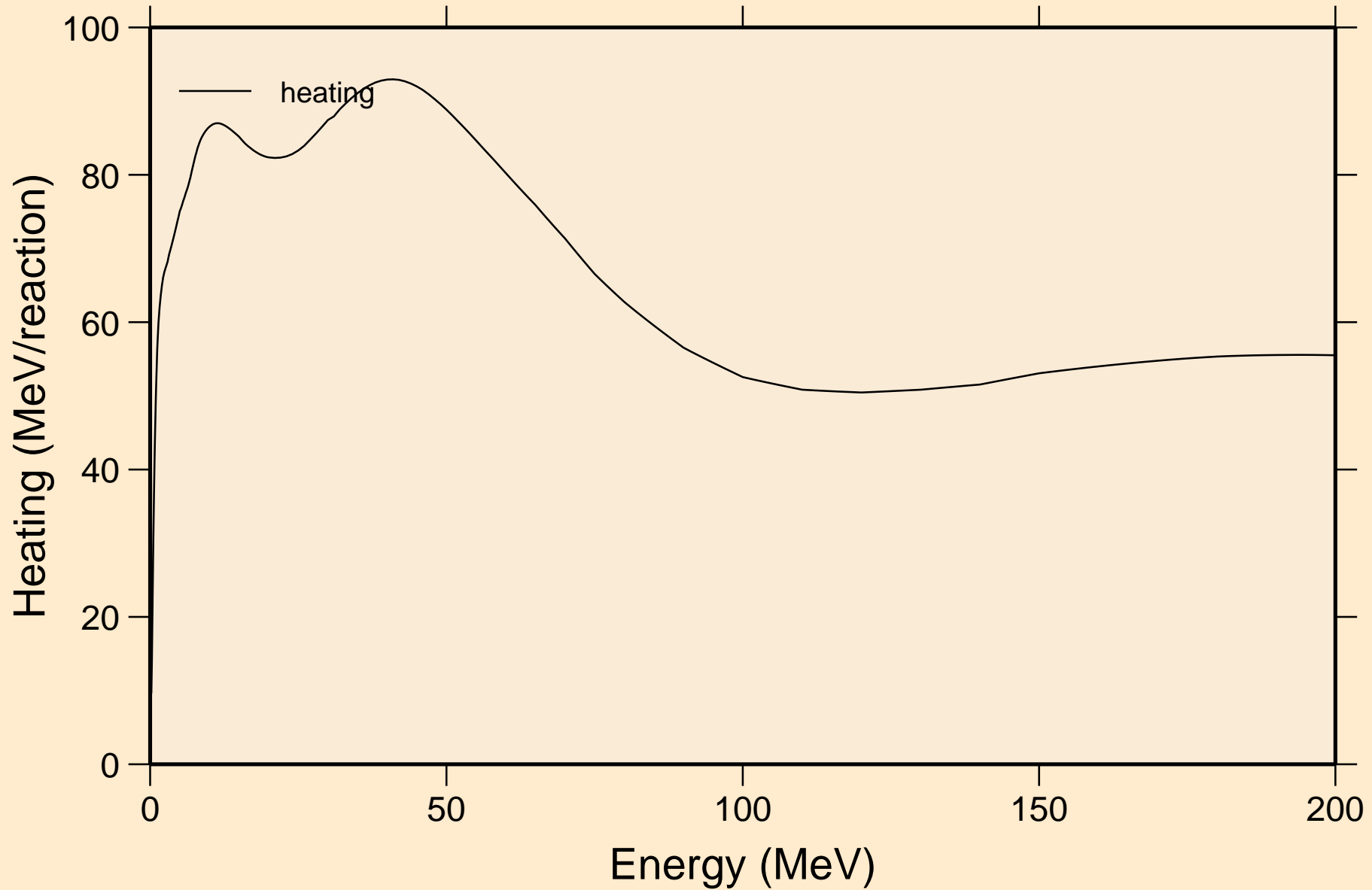
BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections

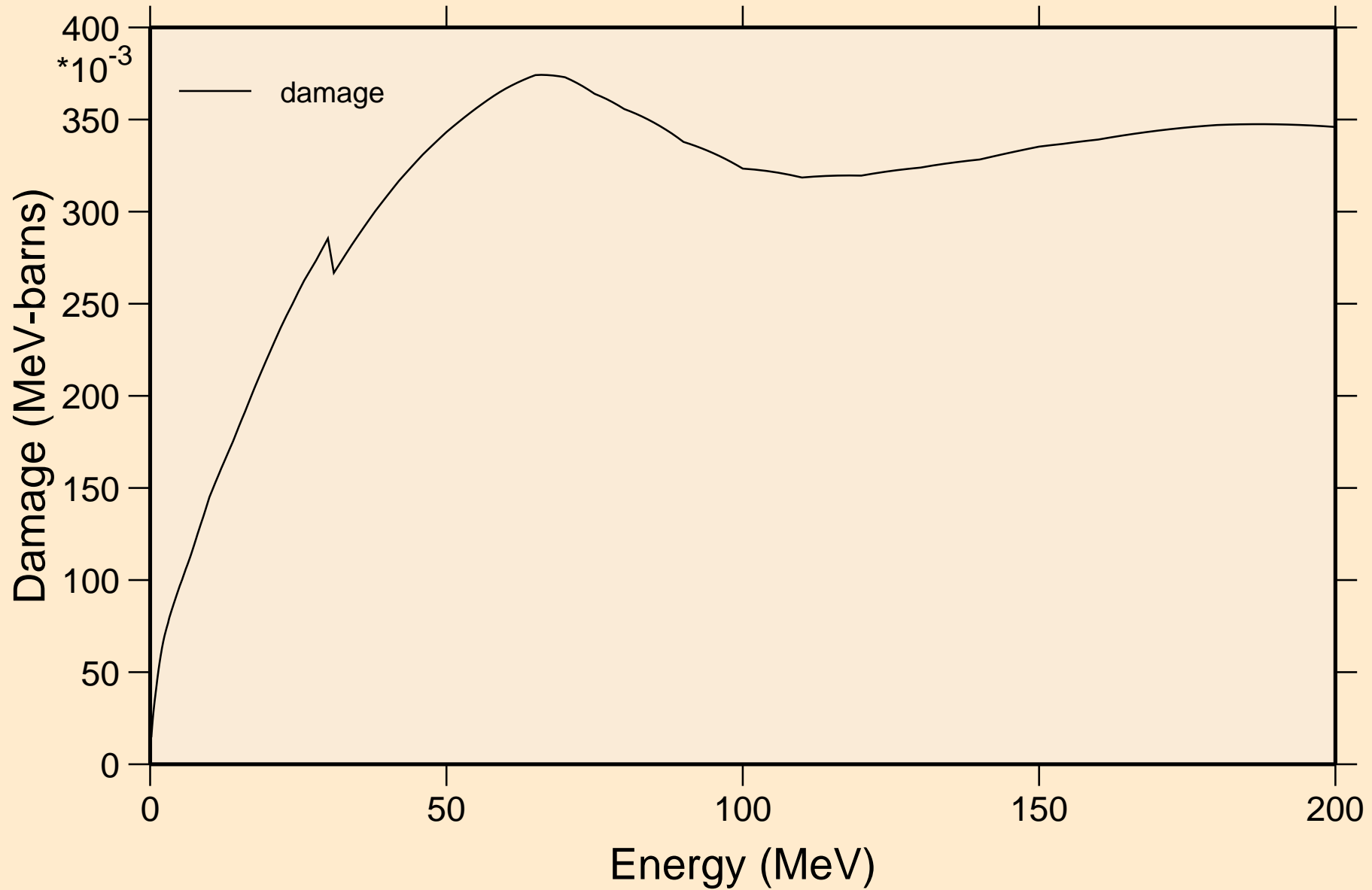


BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Heating



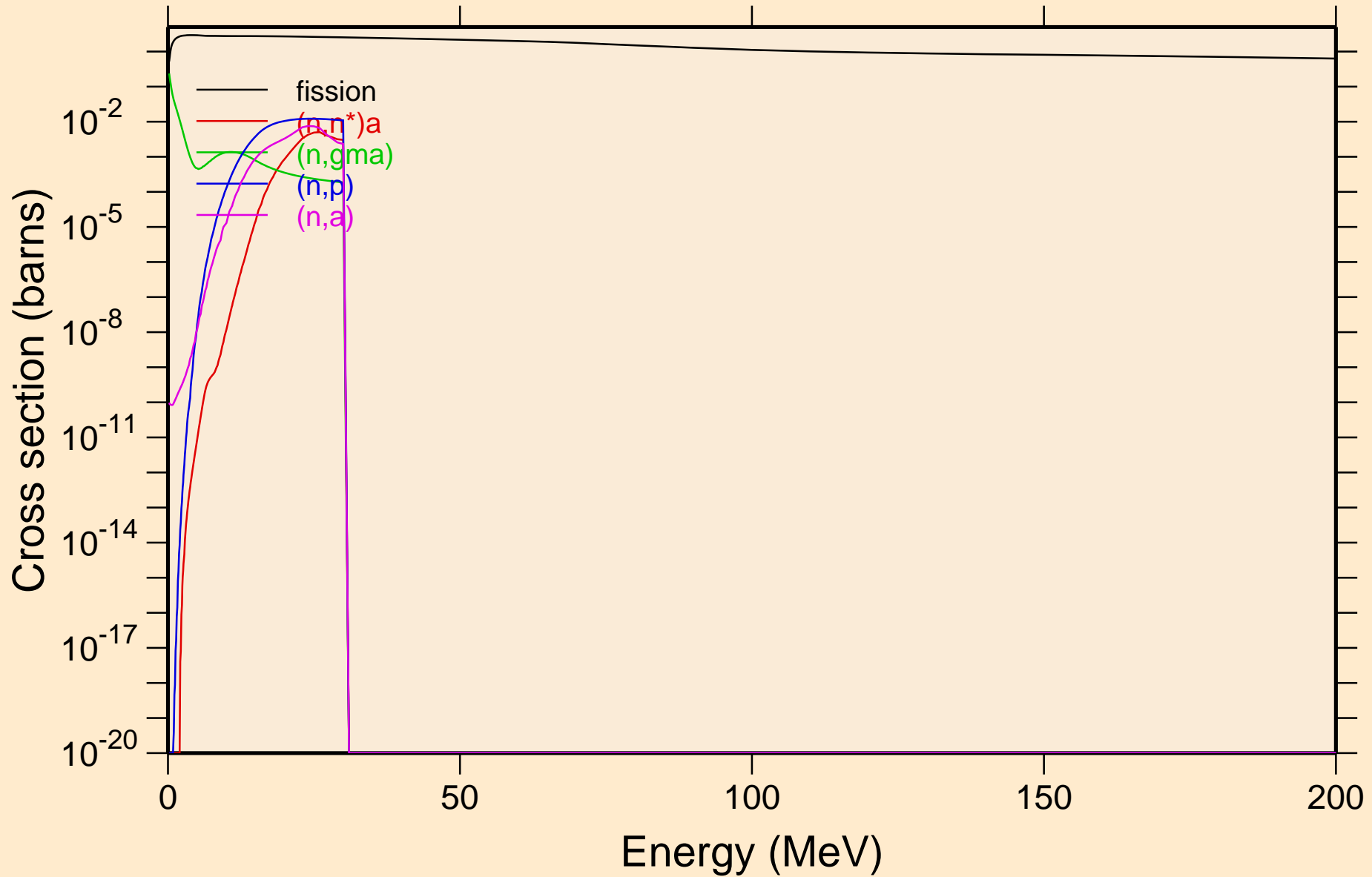
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## Damage

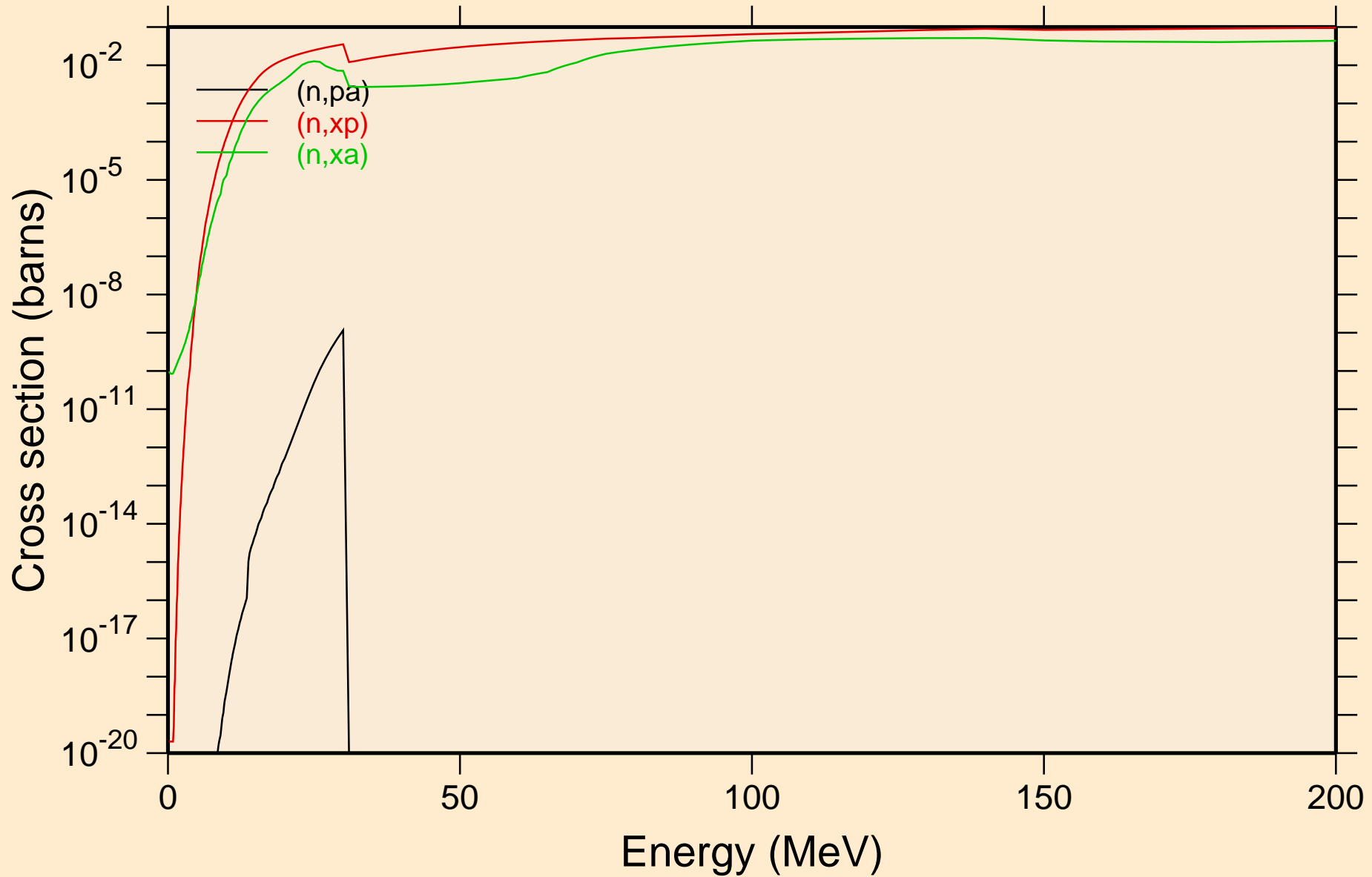




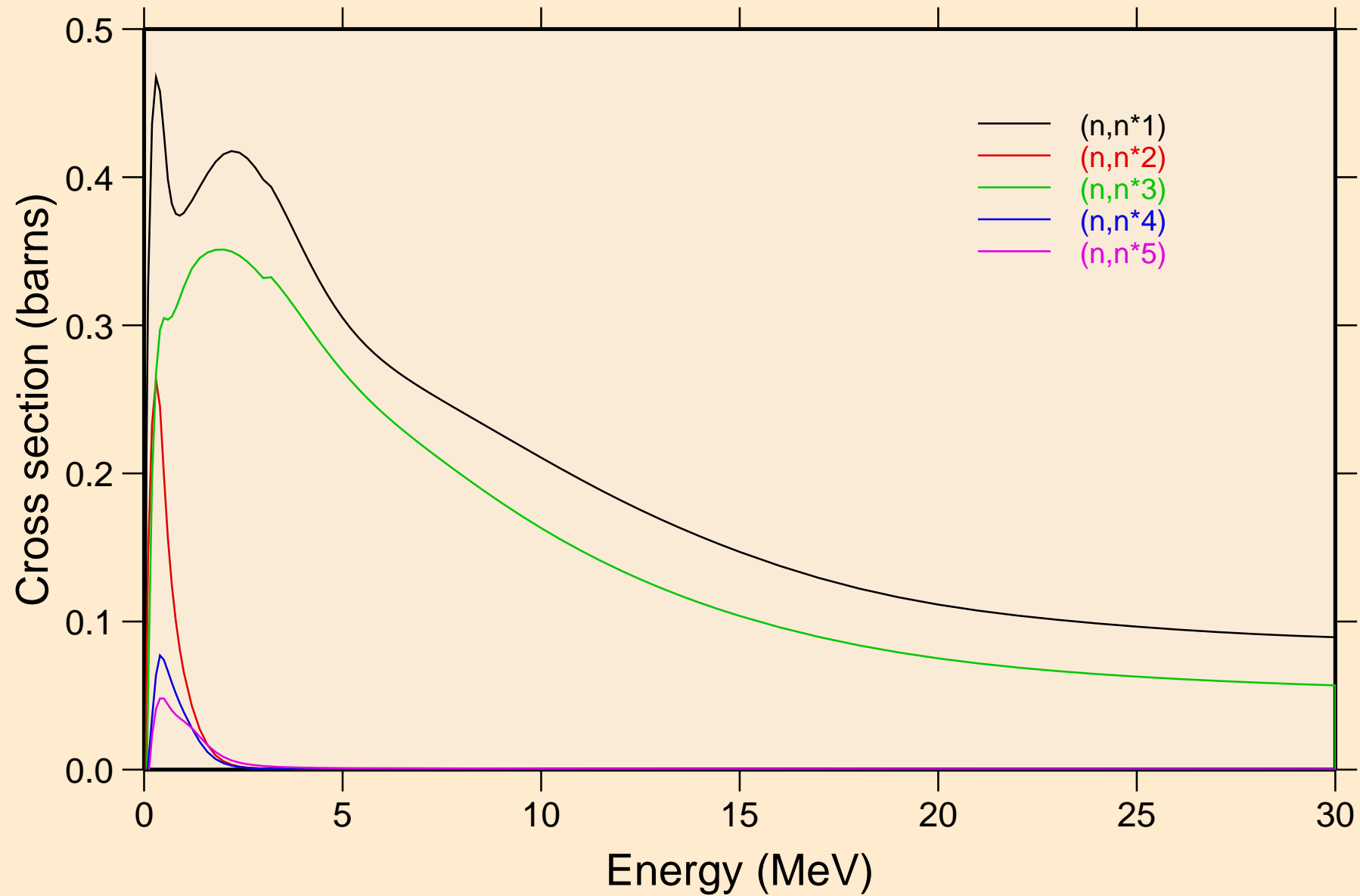
BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



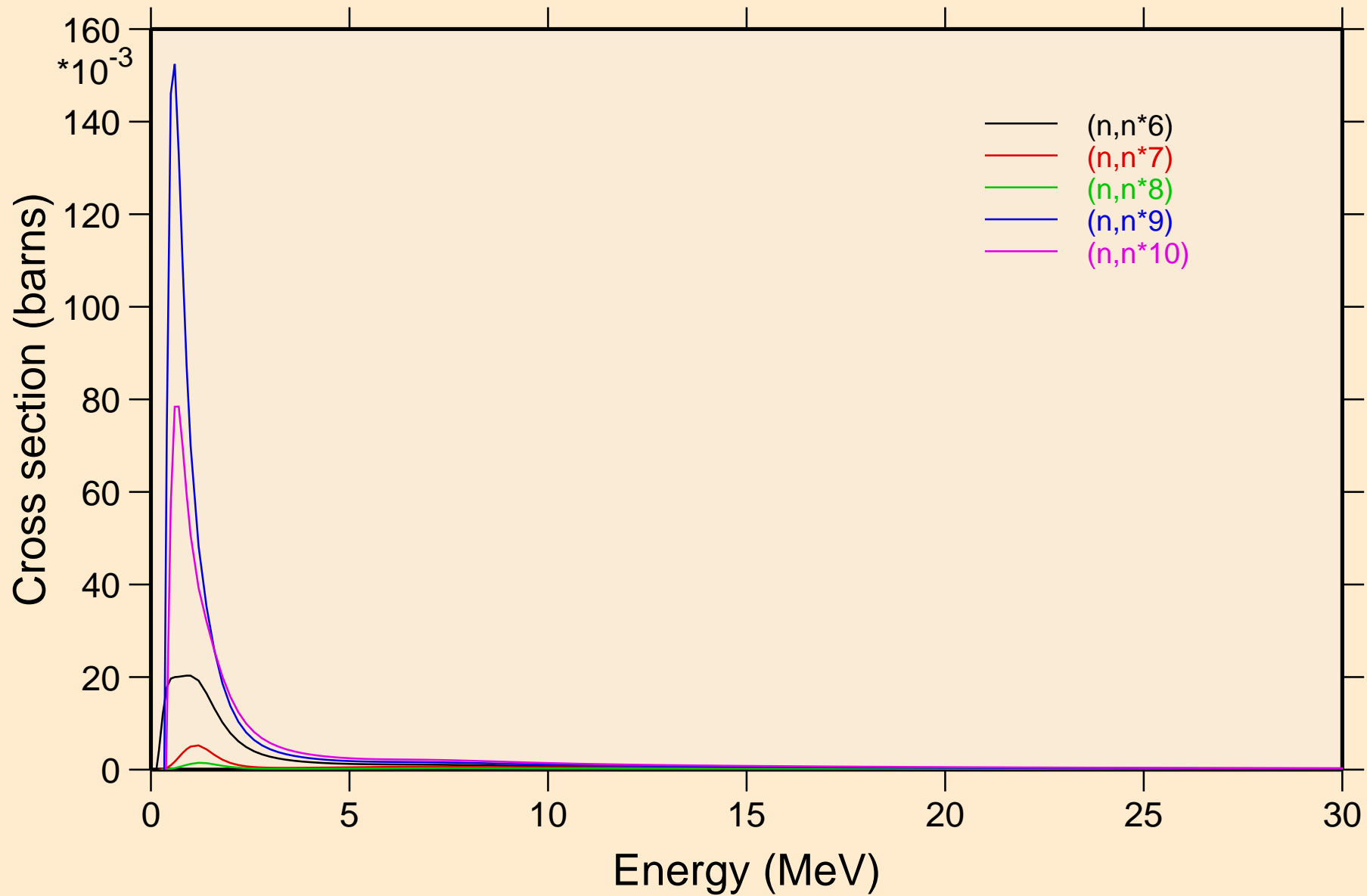
BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



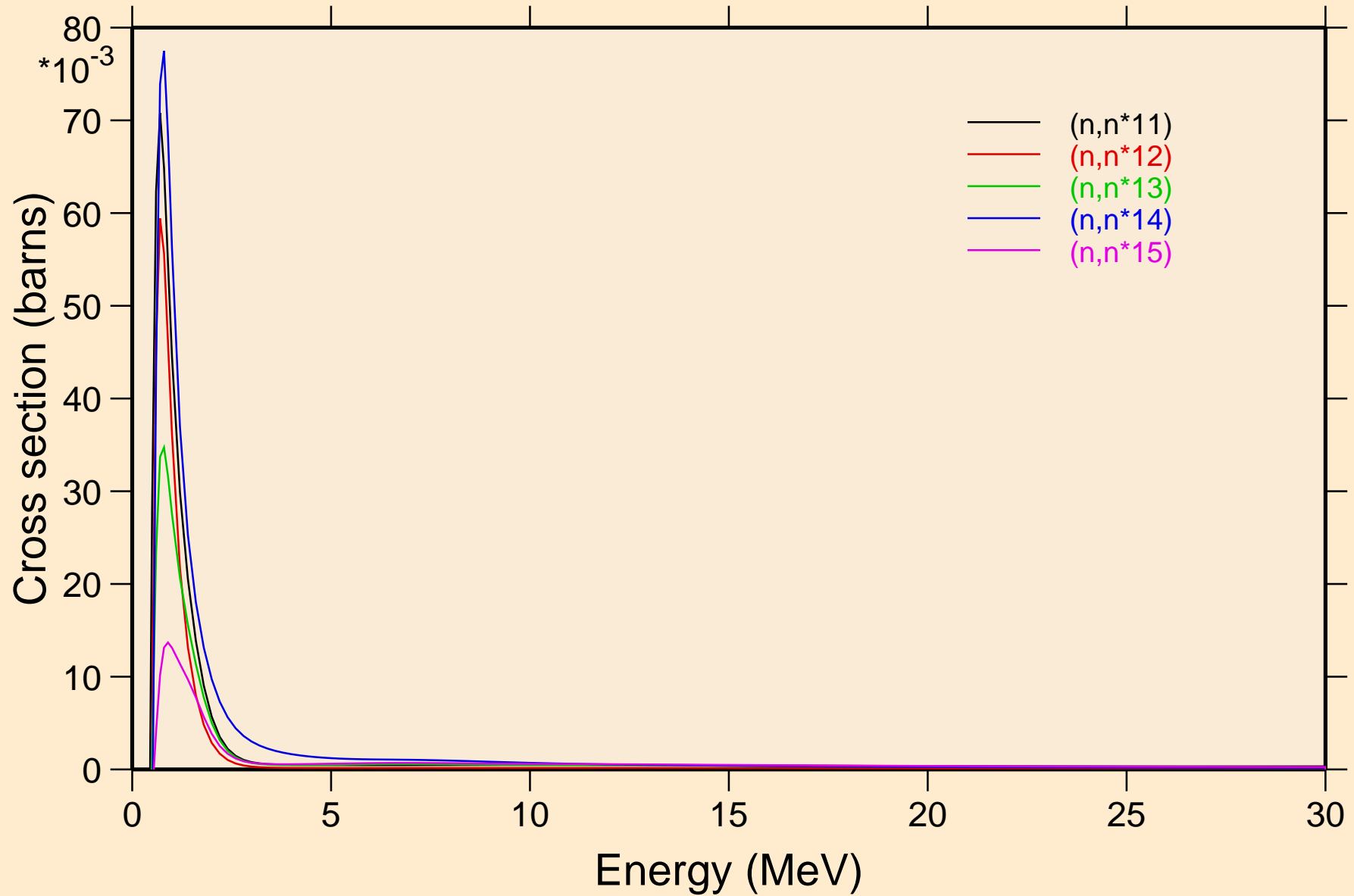
BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



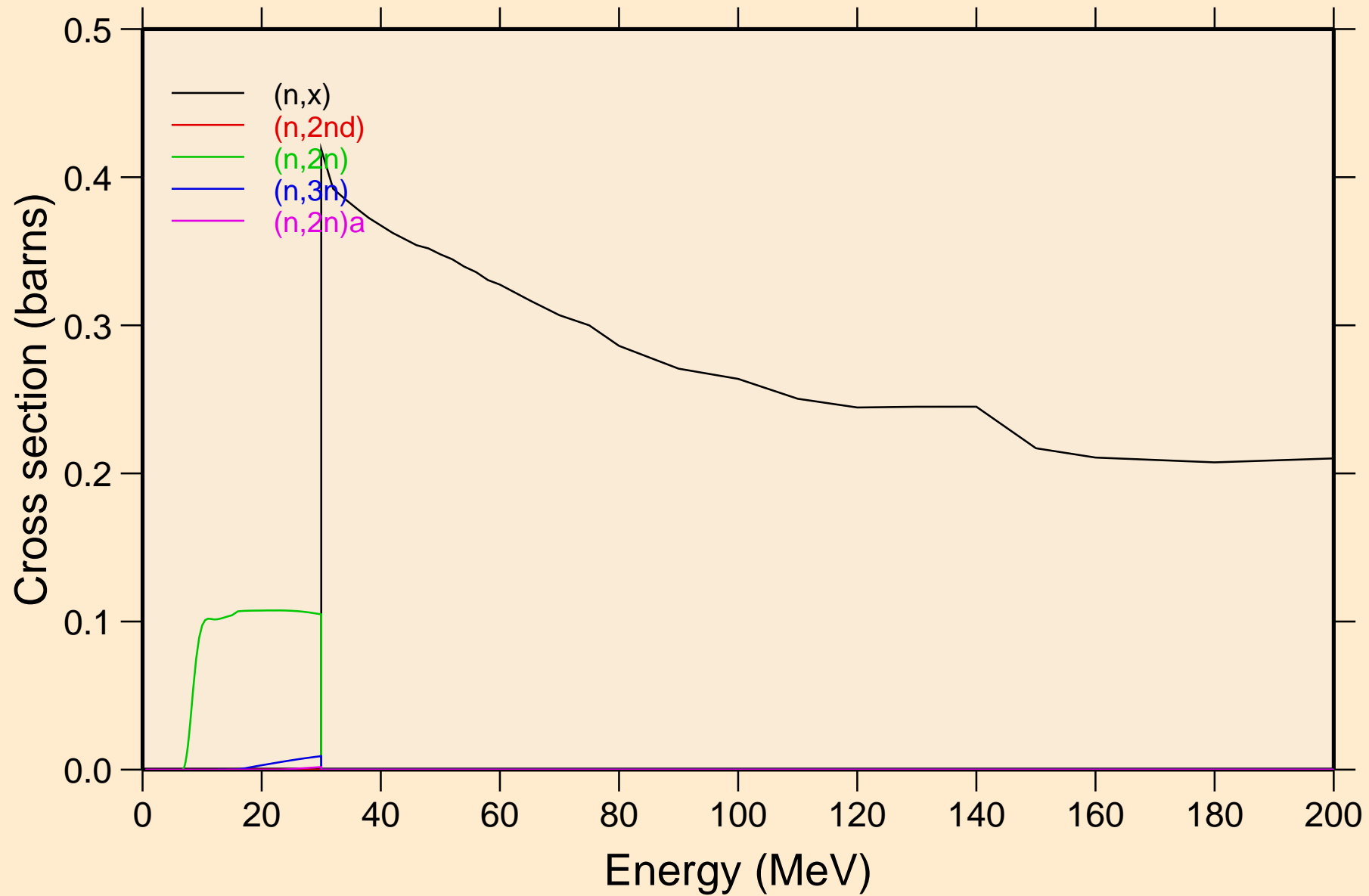
BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



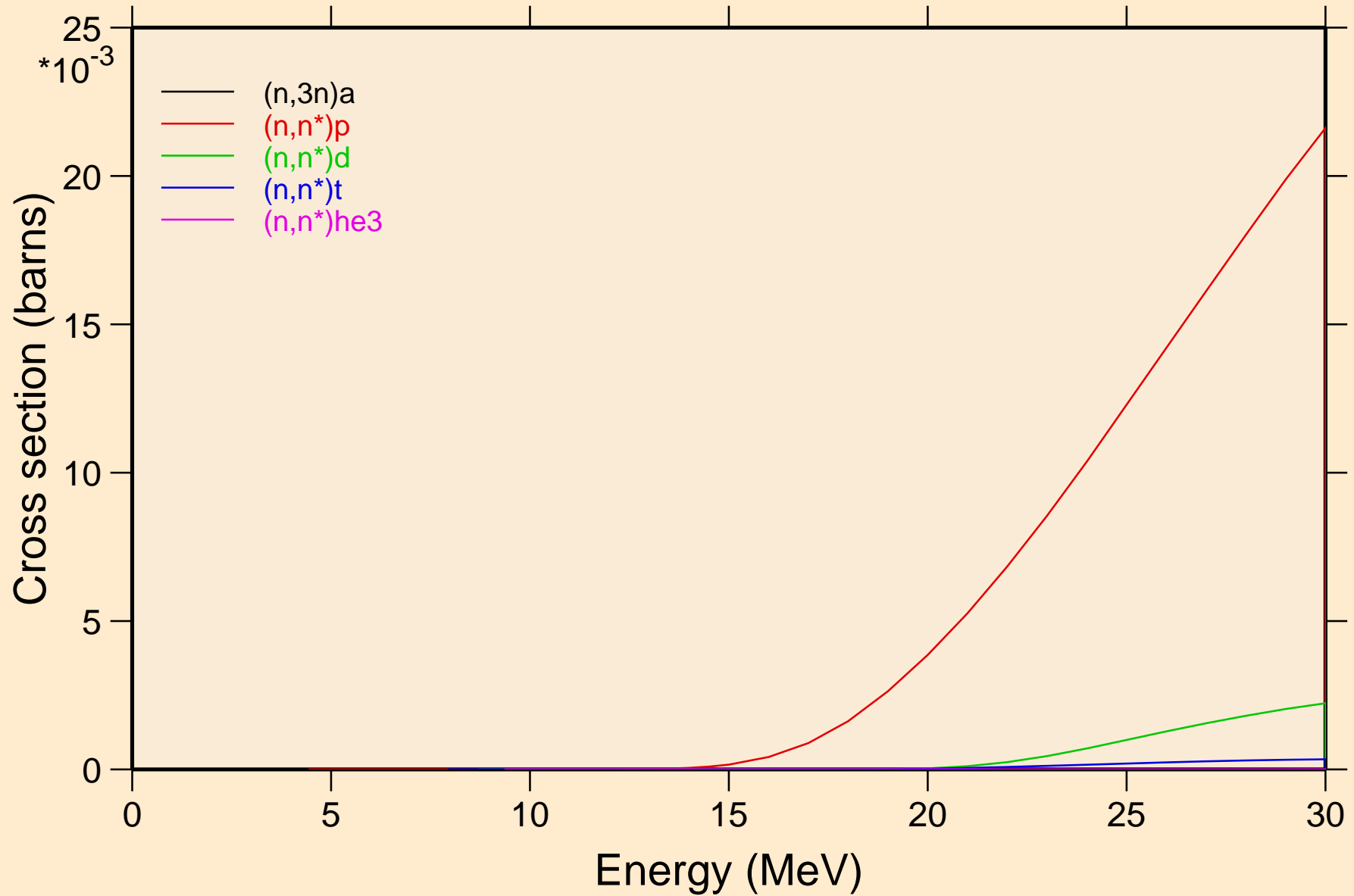
BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



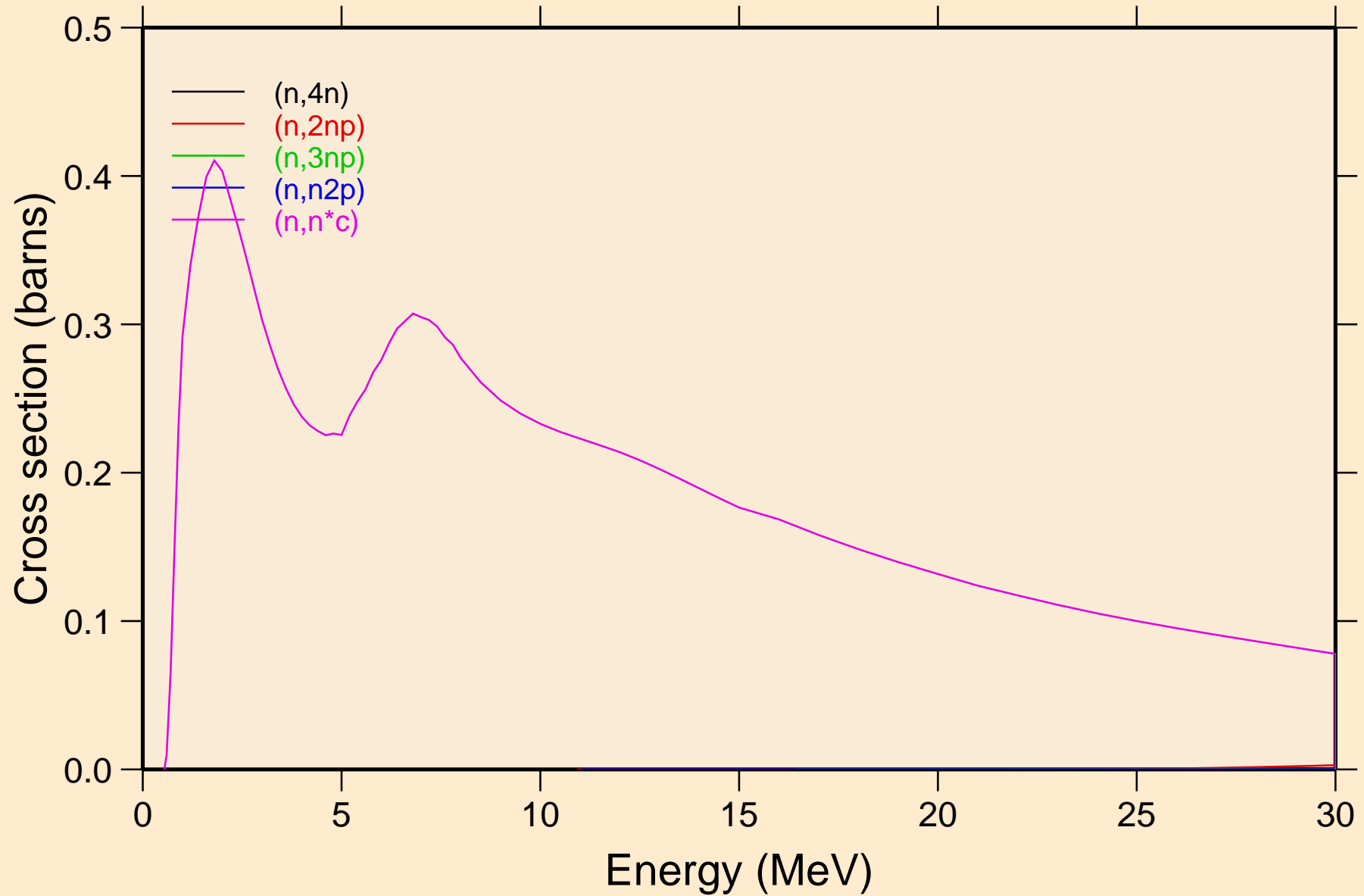
BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

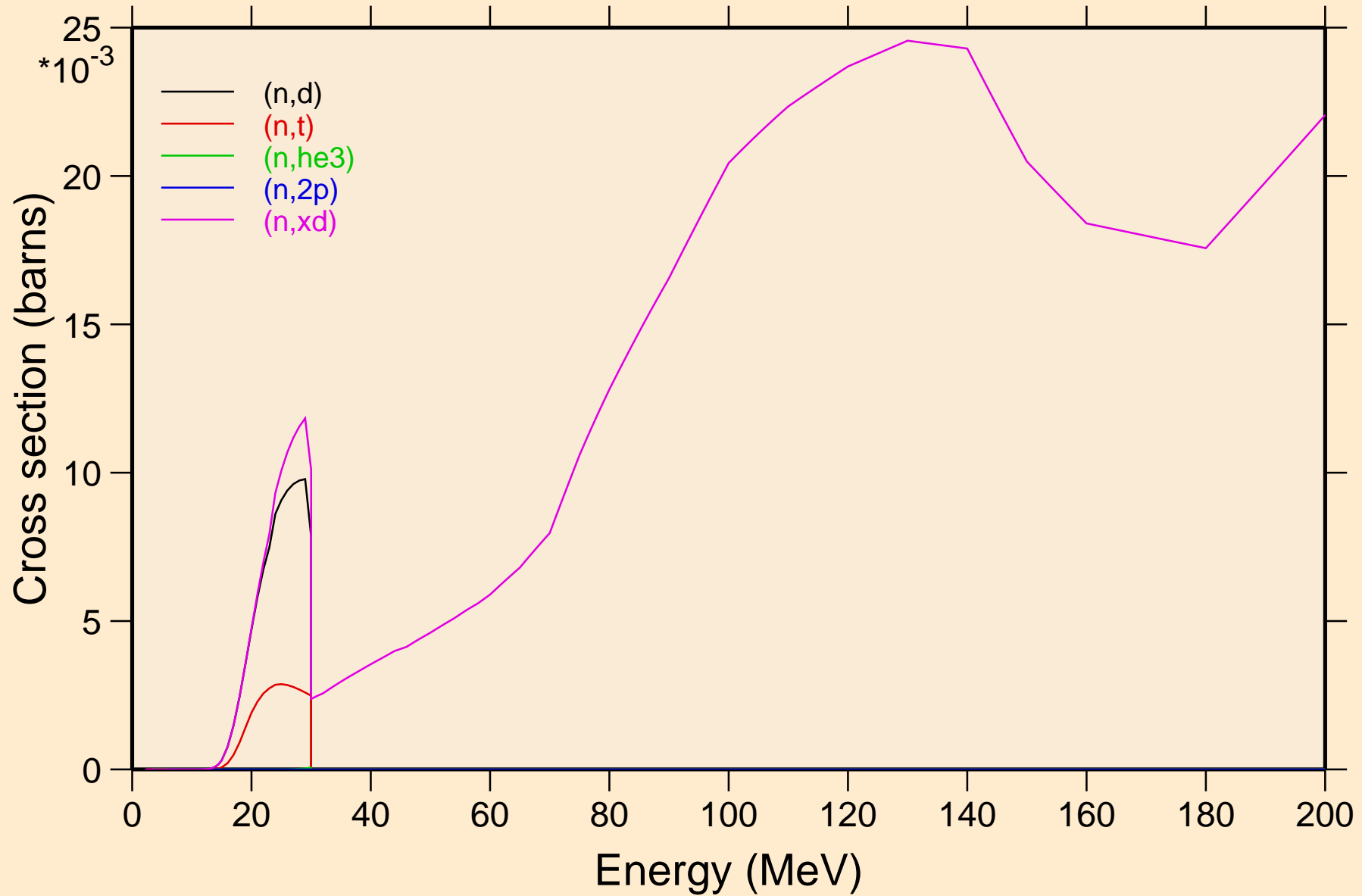


BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

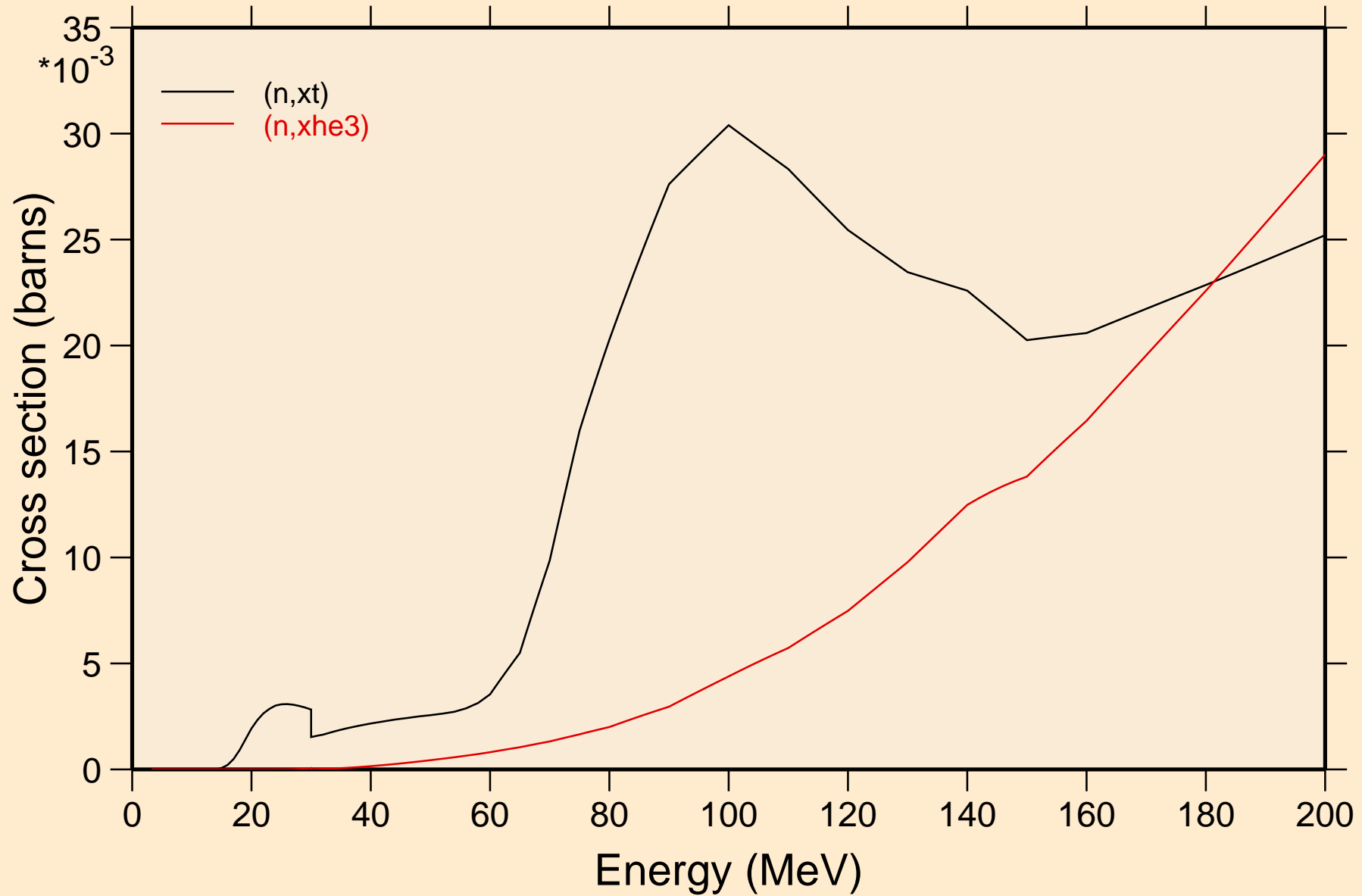




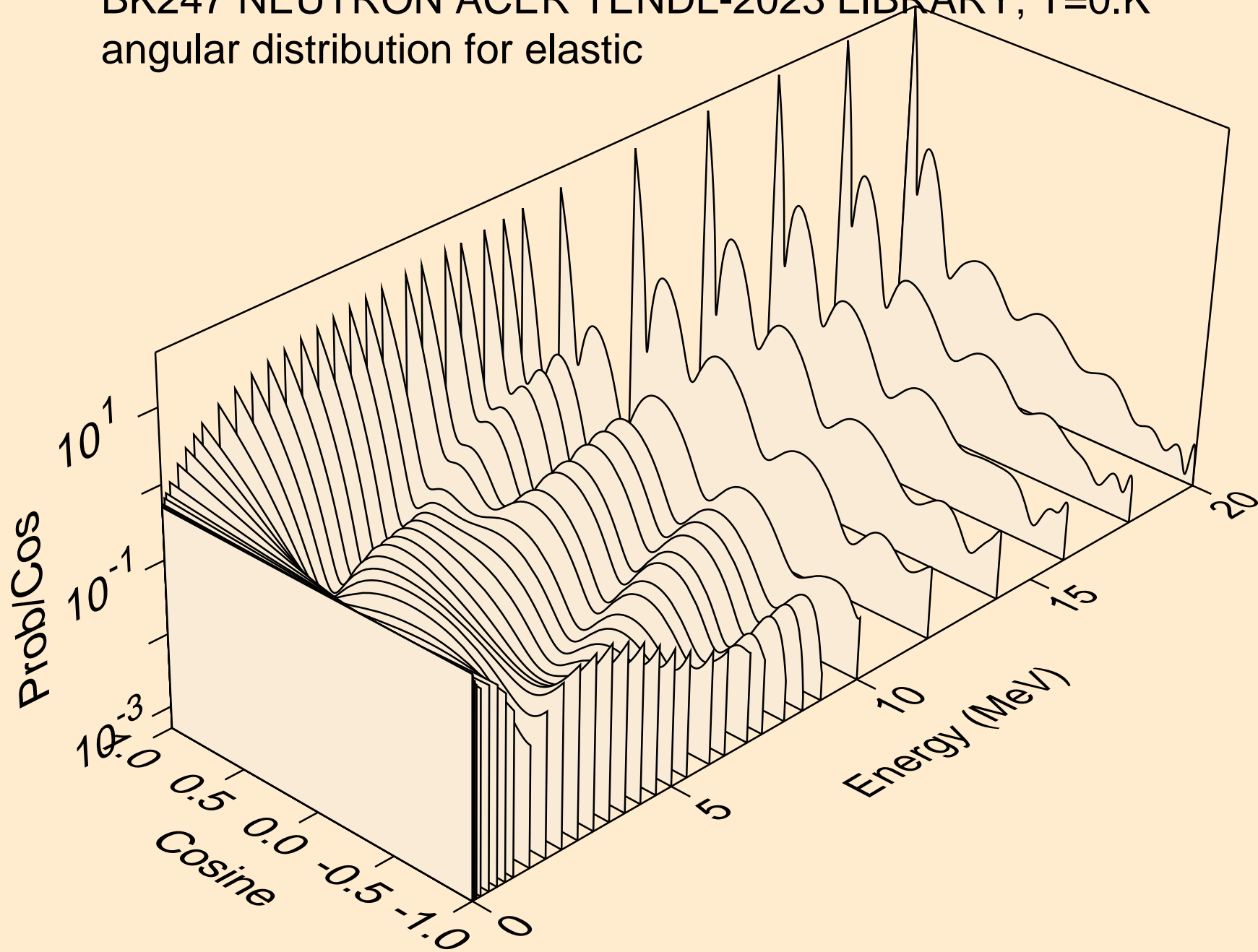
BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



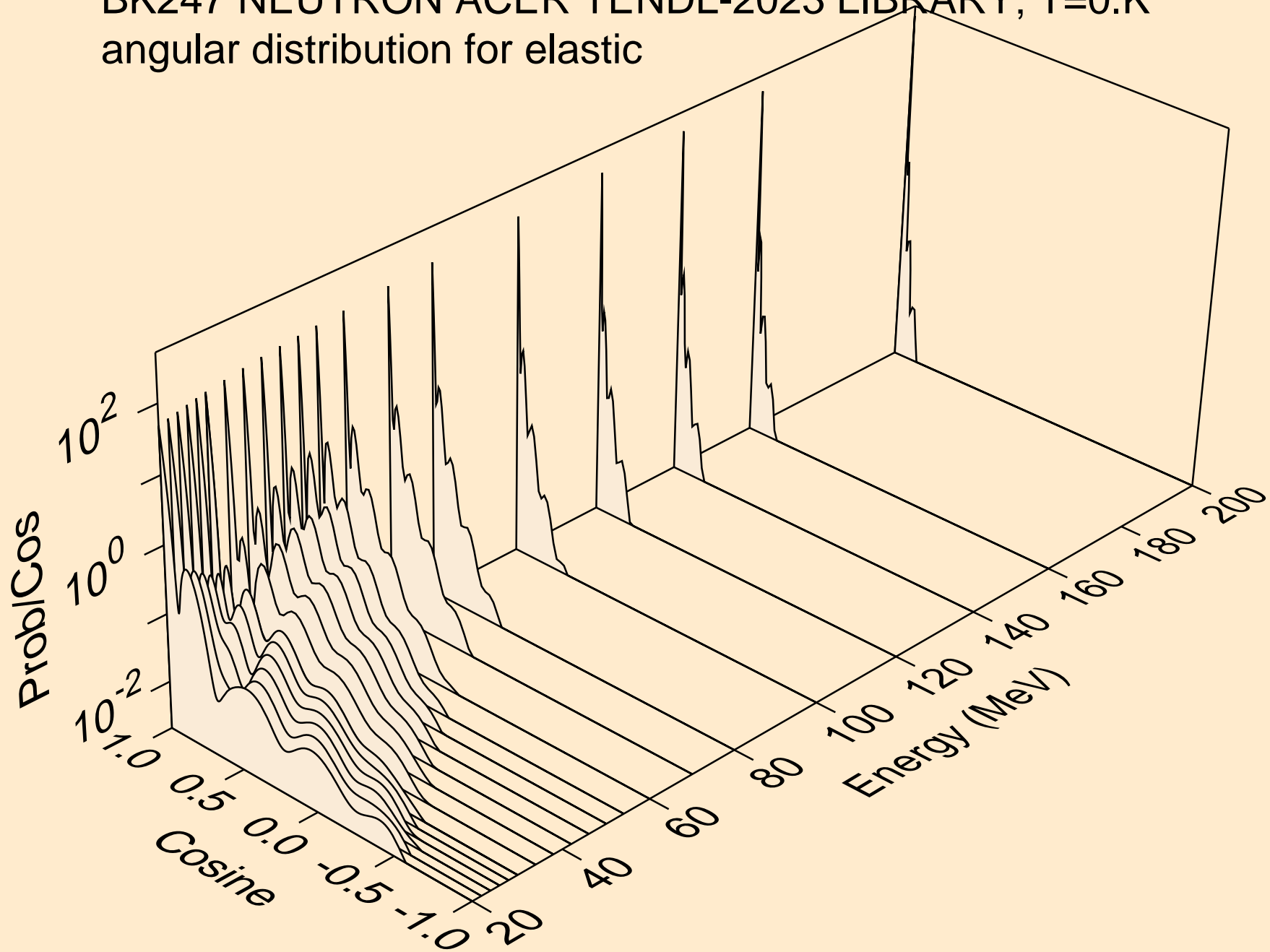
BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



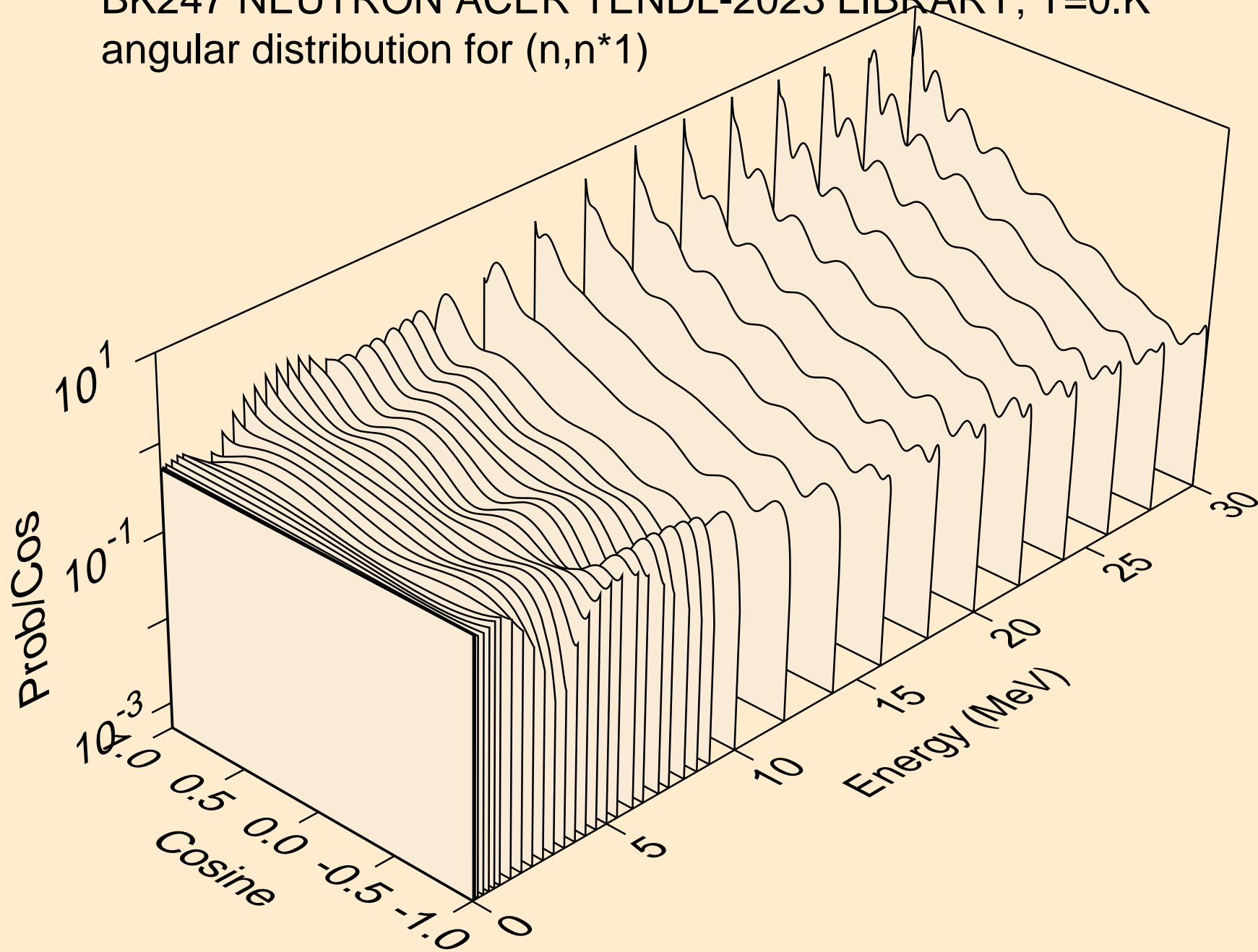
BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



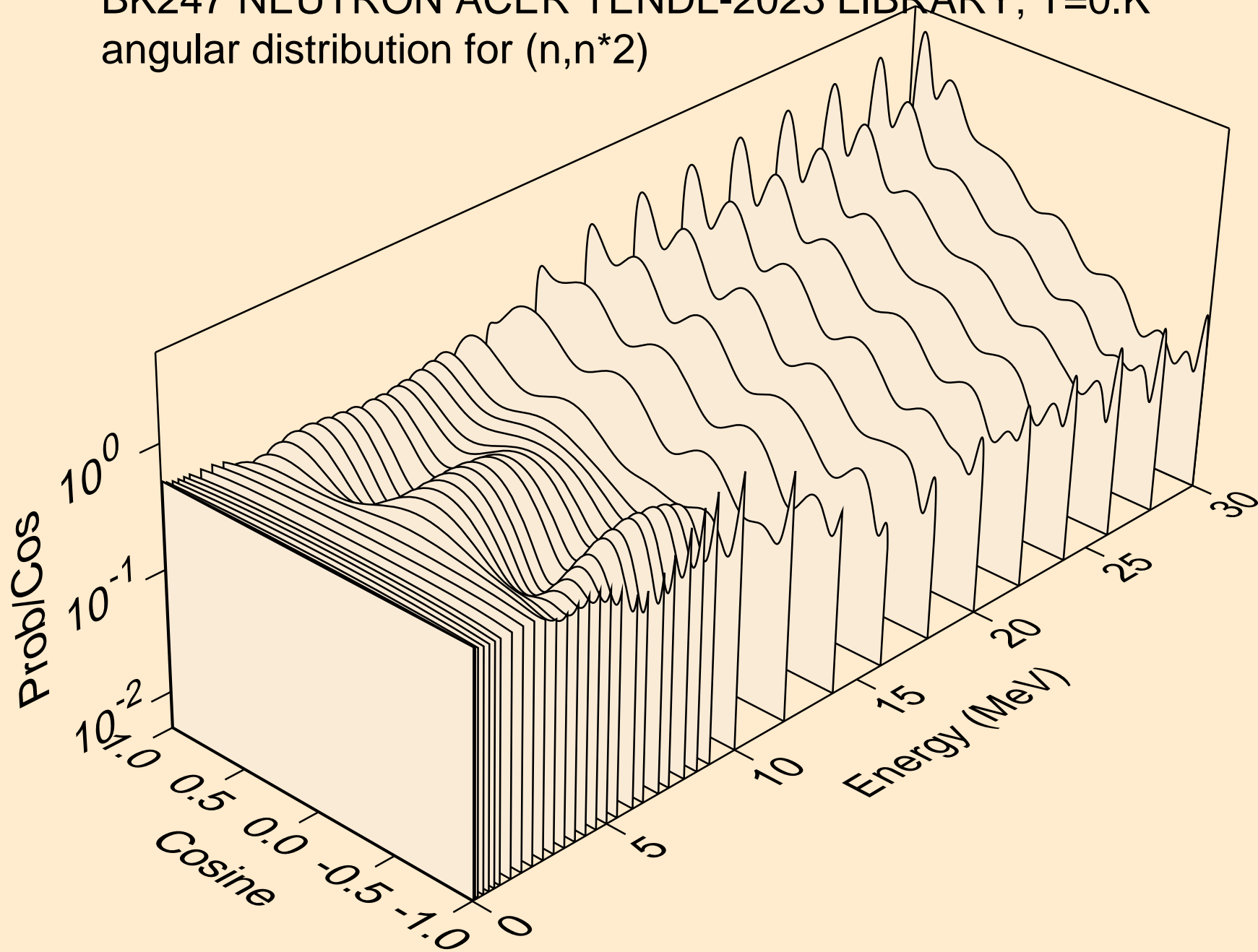
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angular distribution for elastic



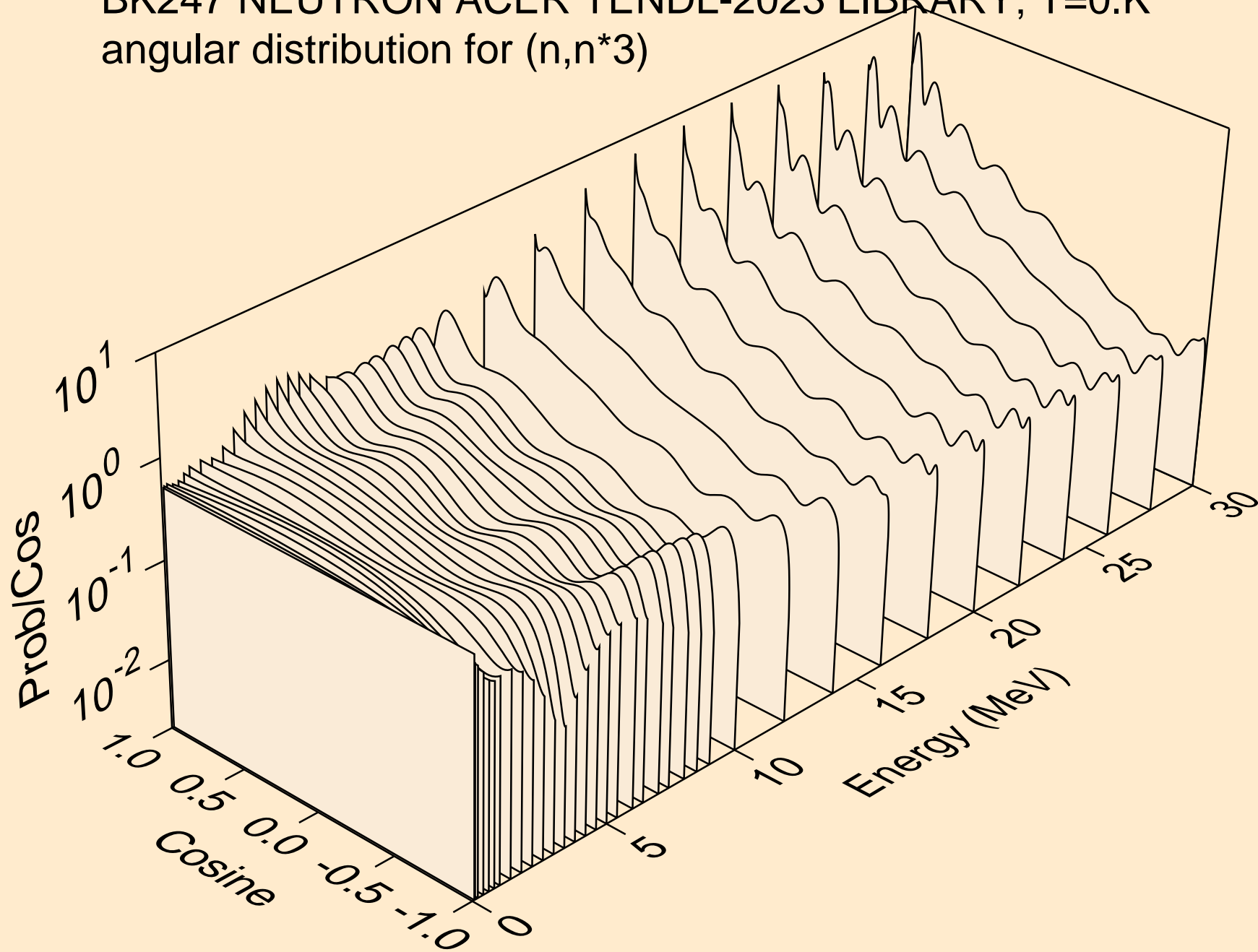
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angular distribution for (n,n\*1)



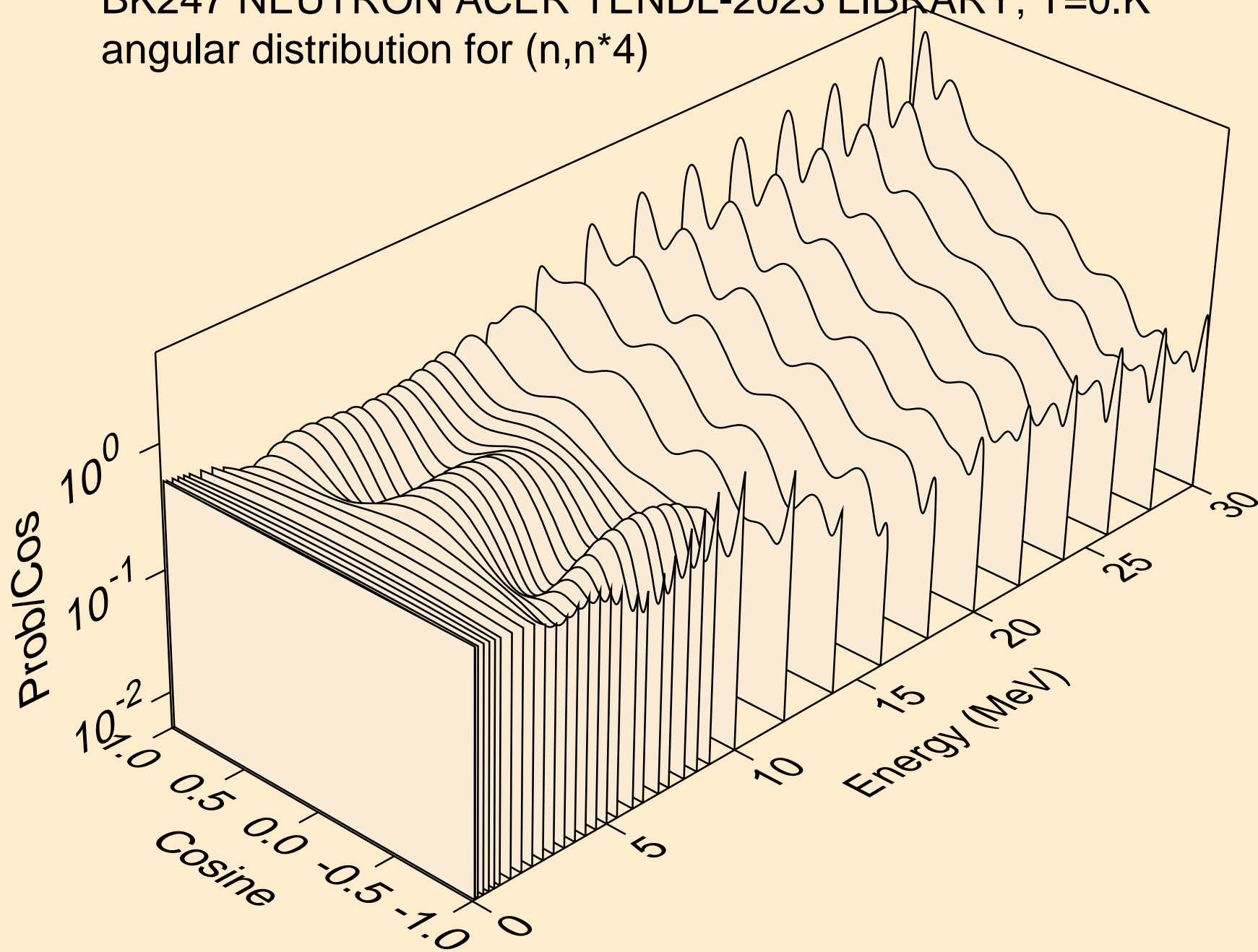
BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)

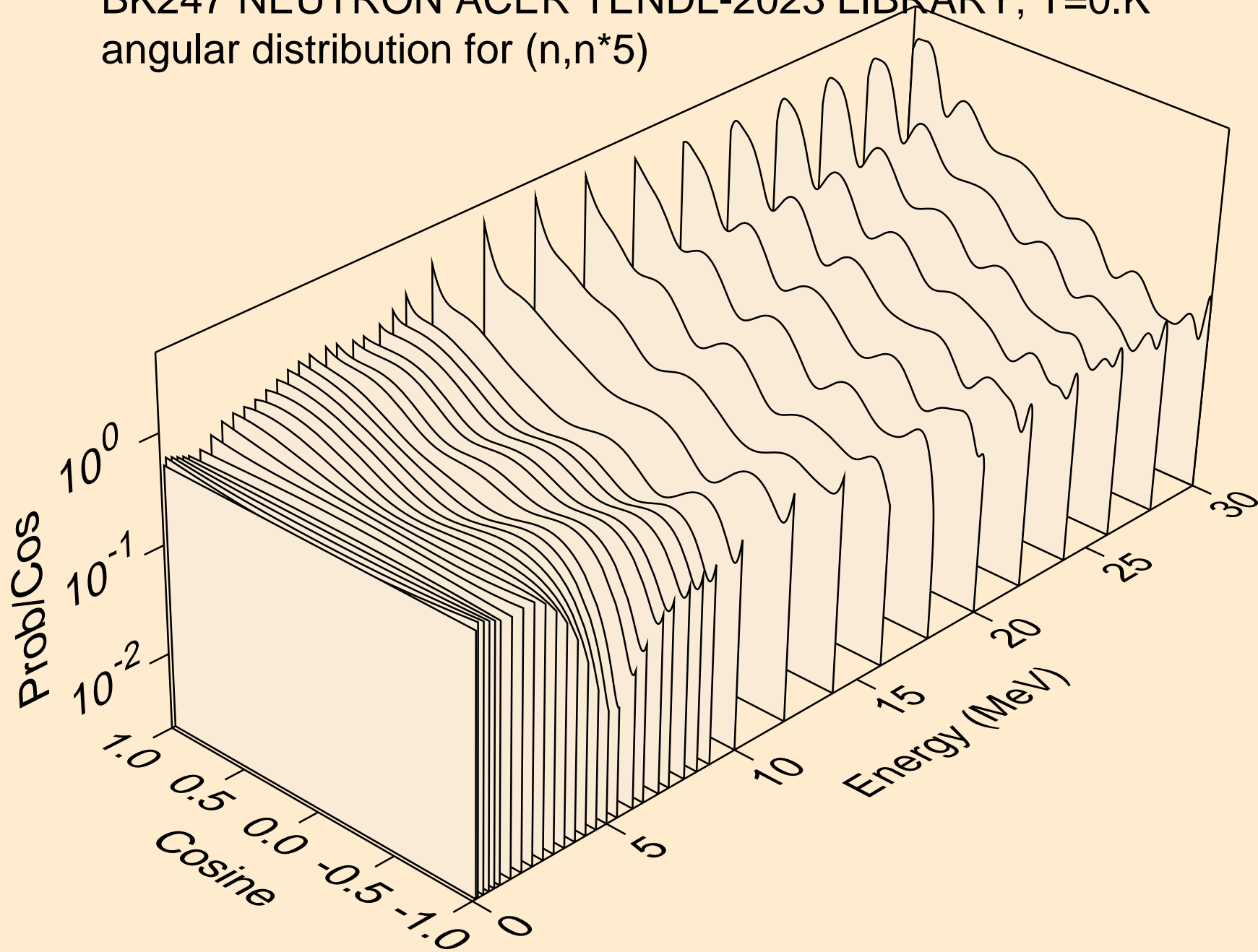


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angular distribution for (n,n\*4)

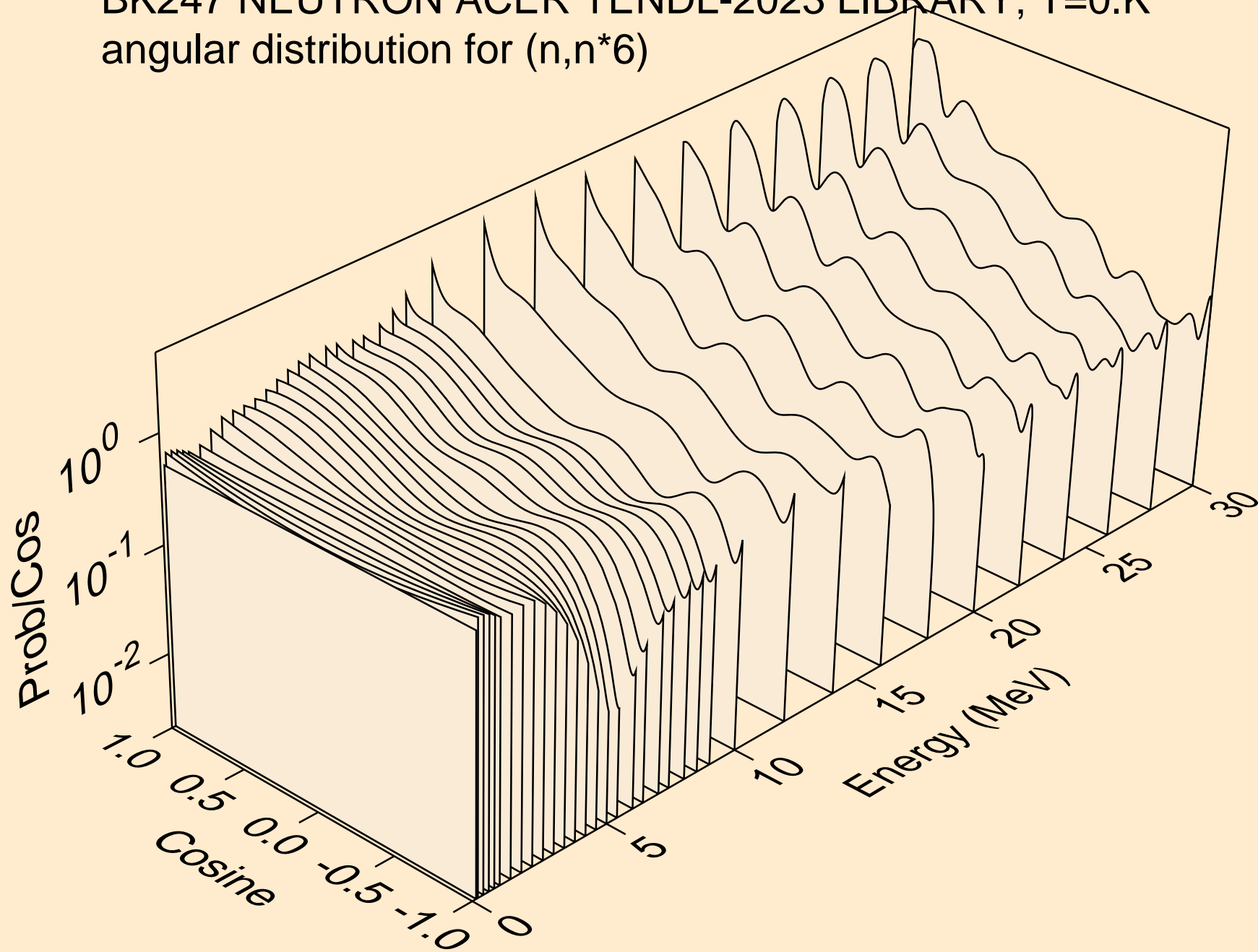




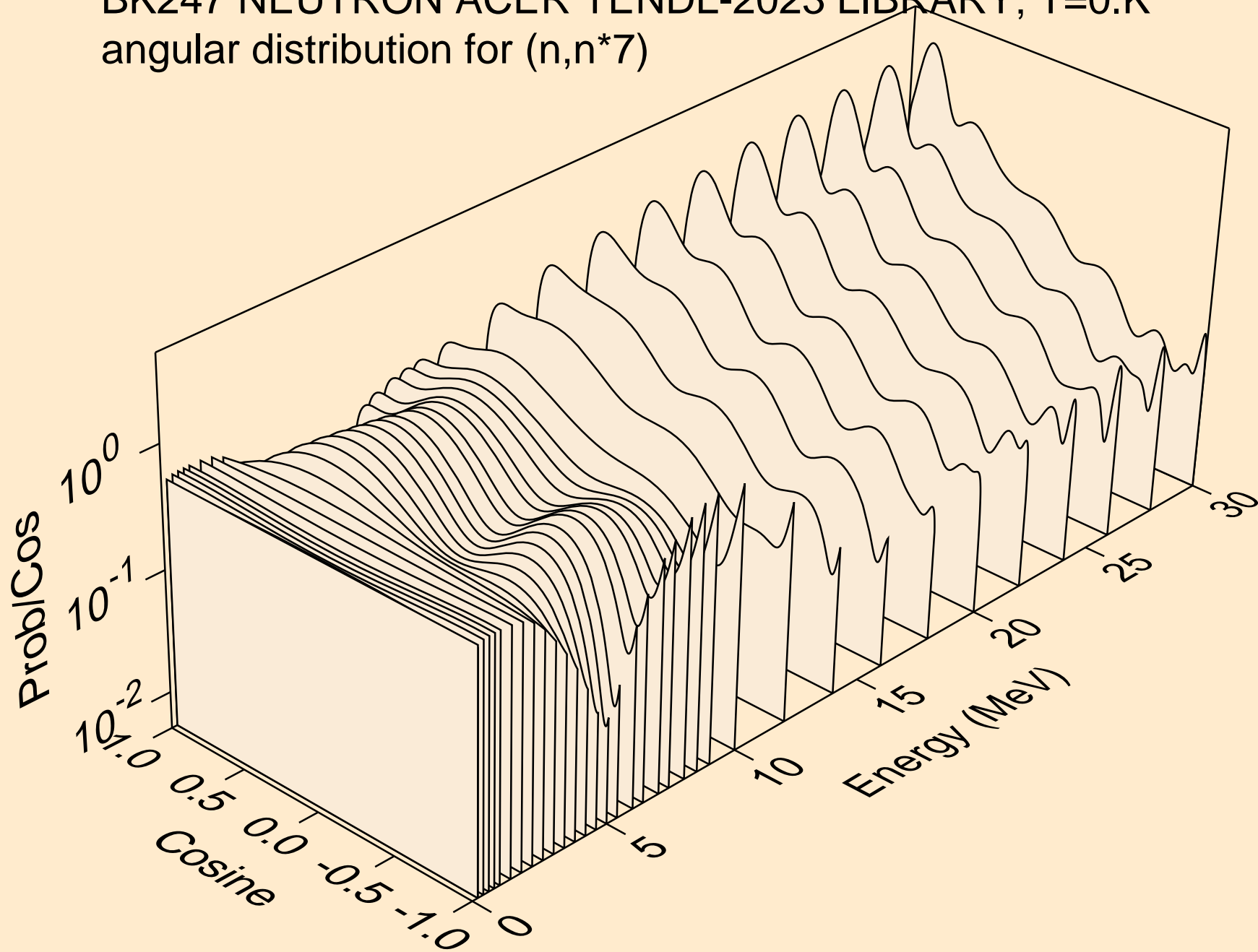
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angular distribution for (n,n\*5)



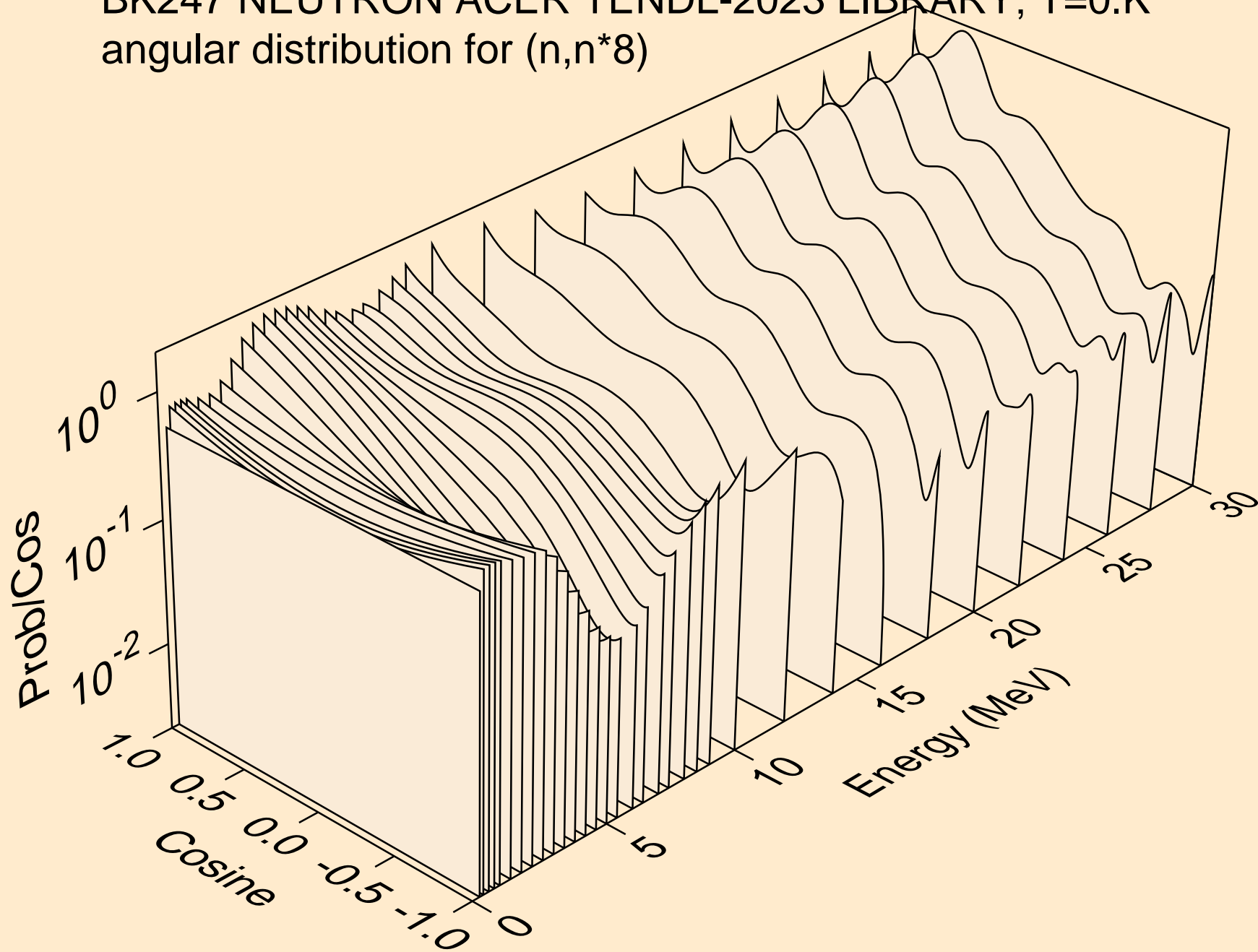
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angular distribution for (n,n\*6)



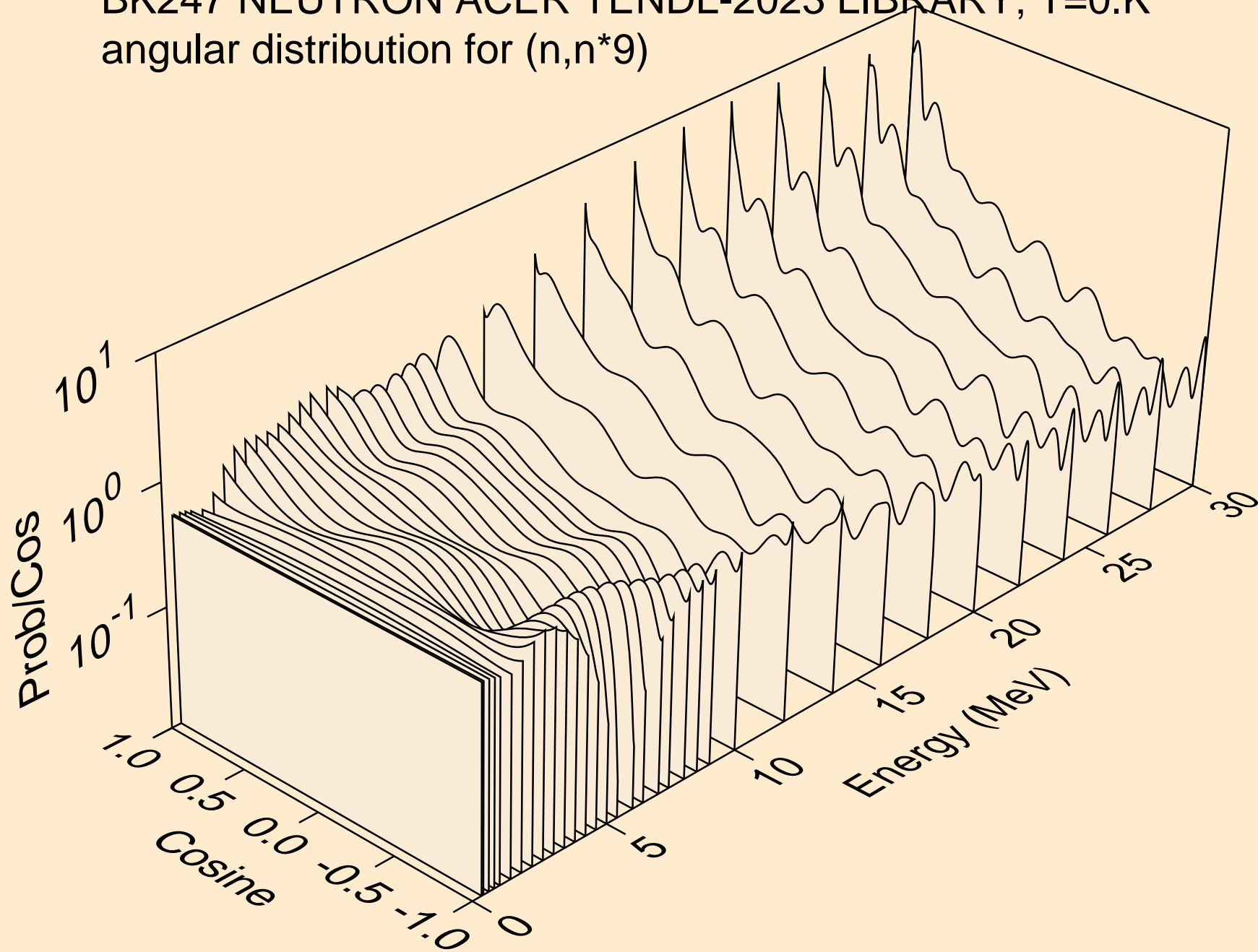
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angular distribution for (n,n\*7)



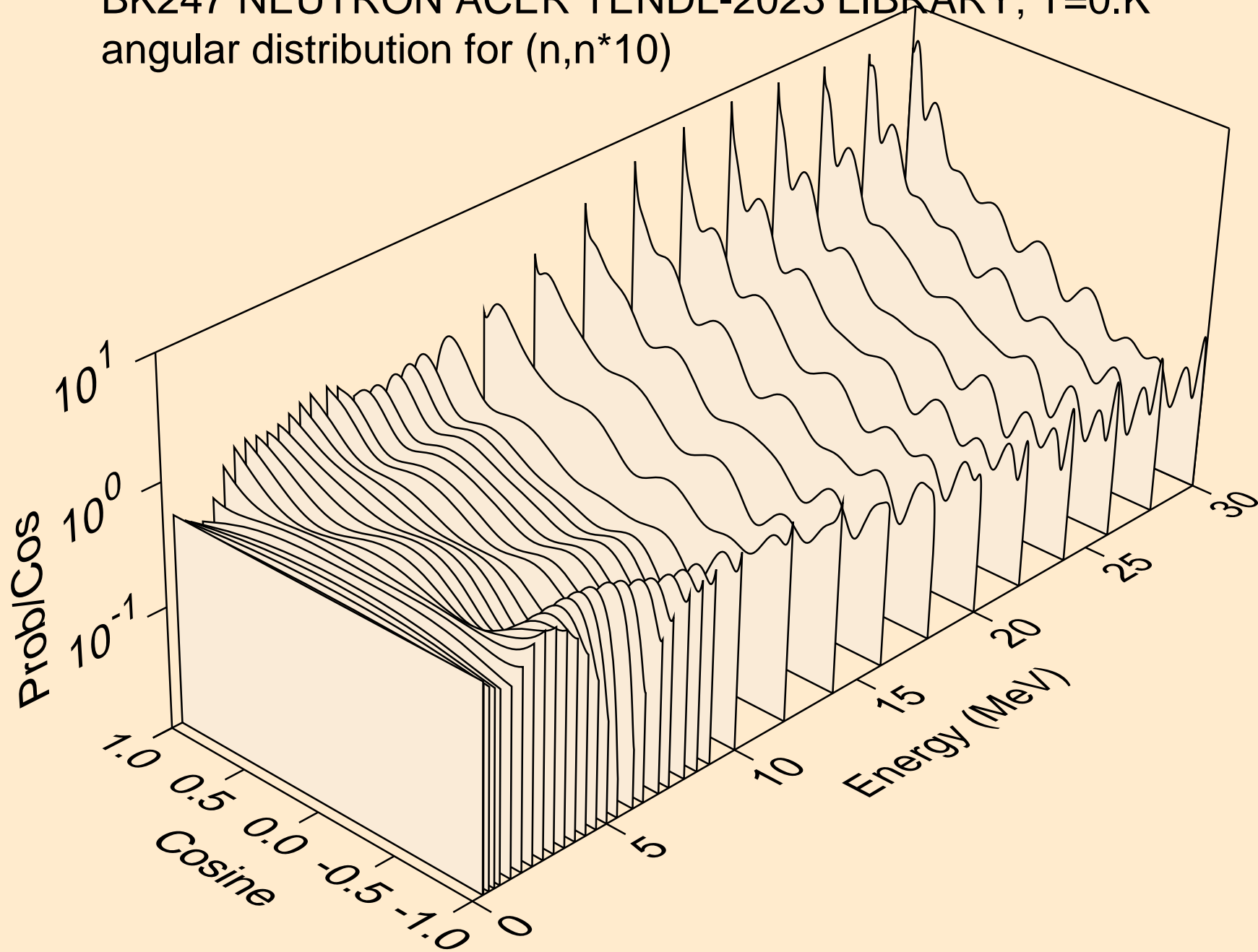
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angular distribution for (n,n\*8)



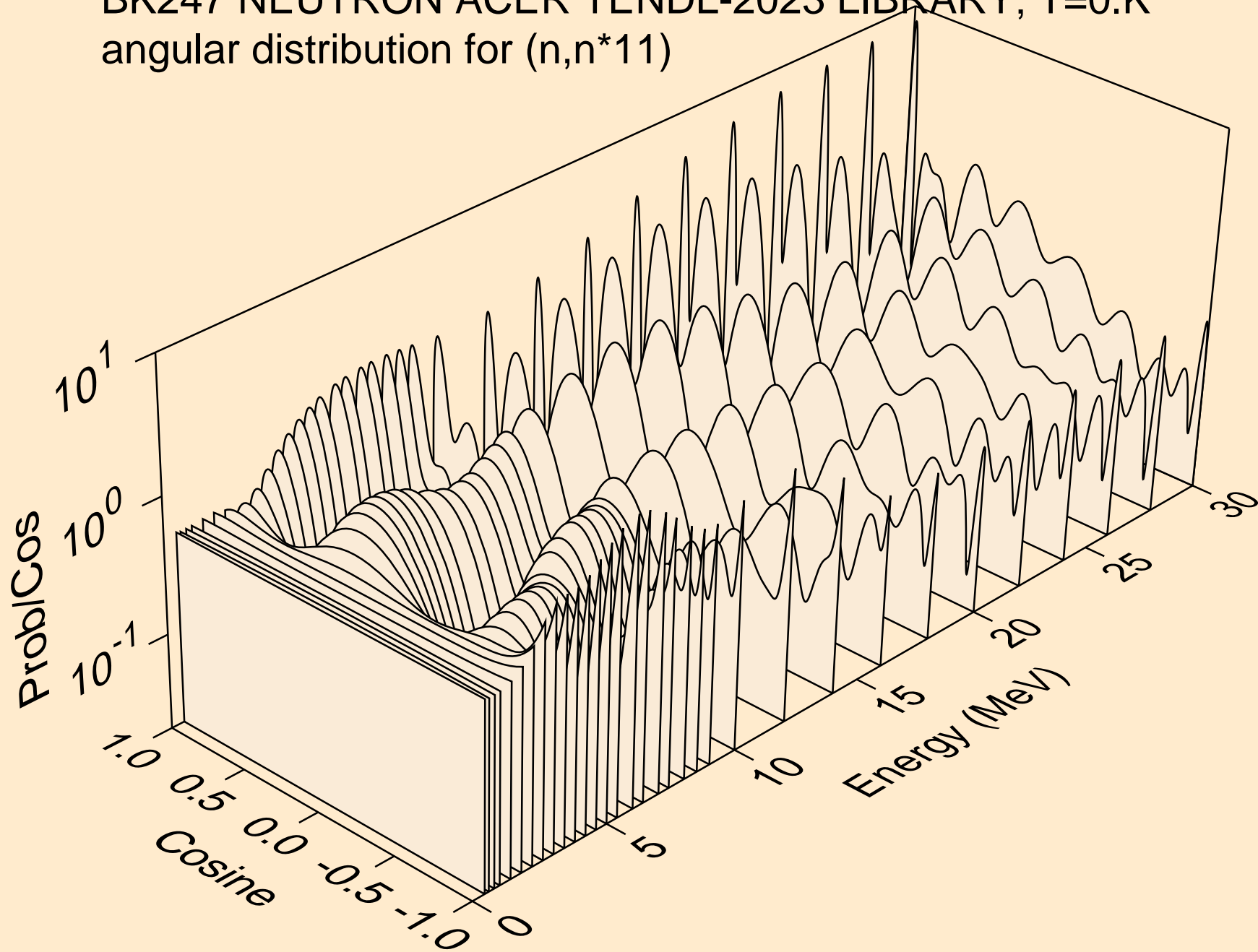
BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*10)

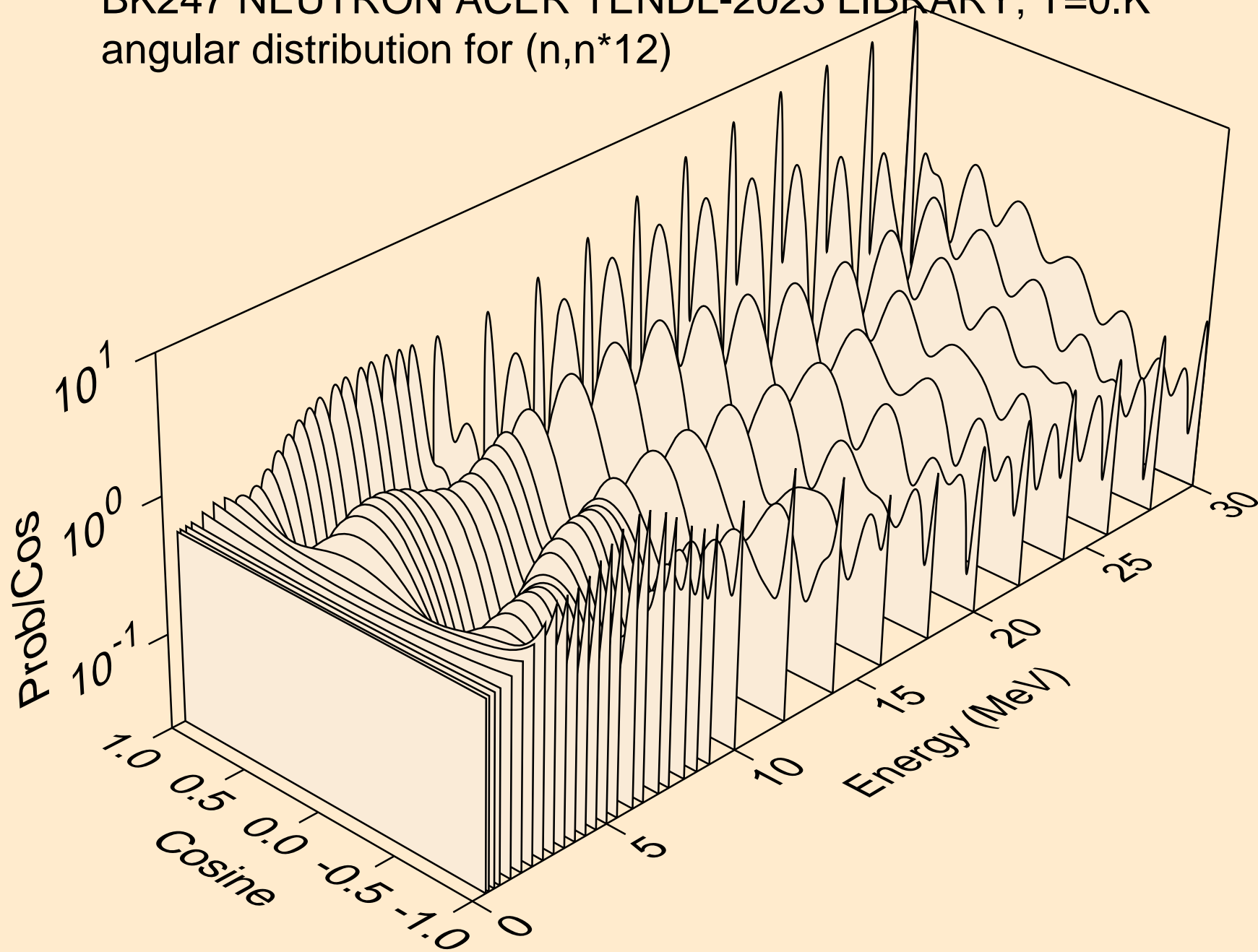


BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



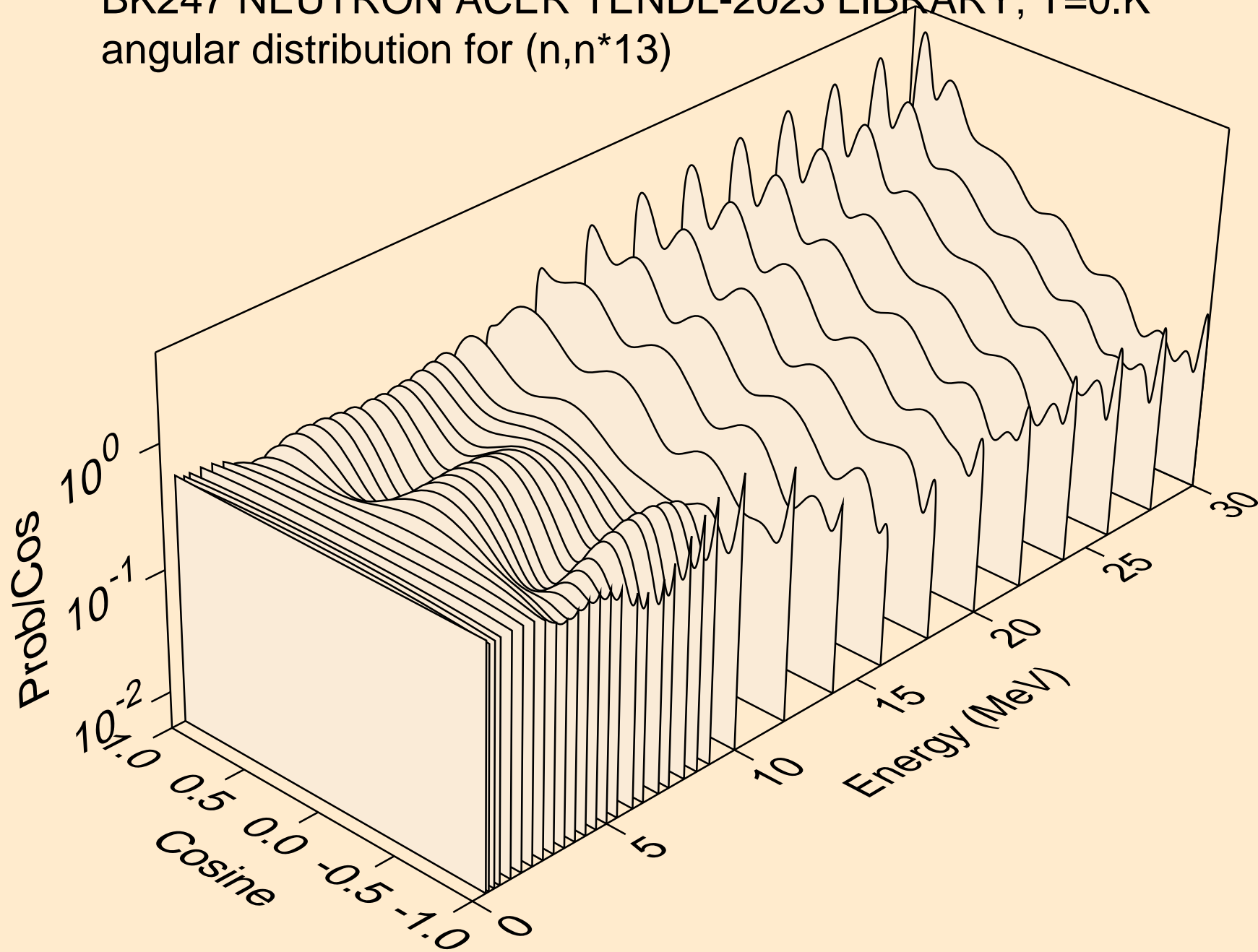


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angular distribution for (n,n\*12)

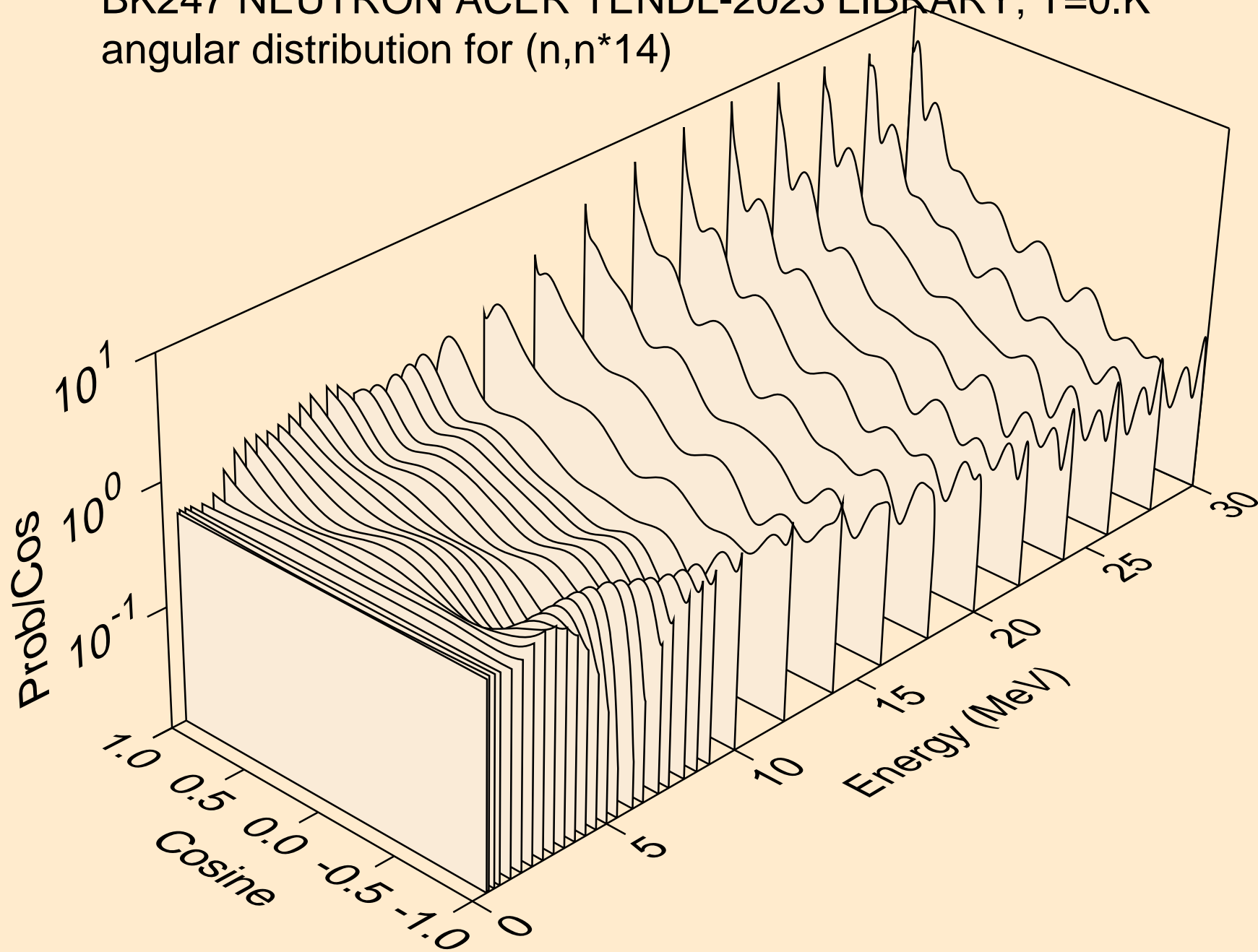




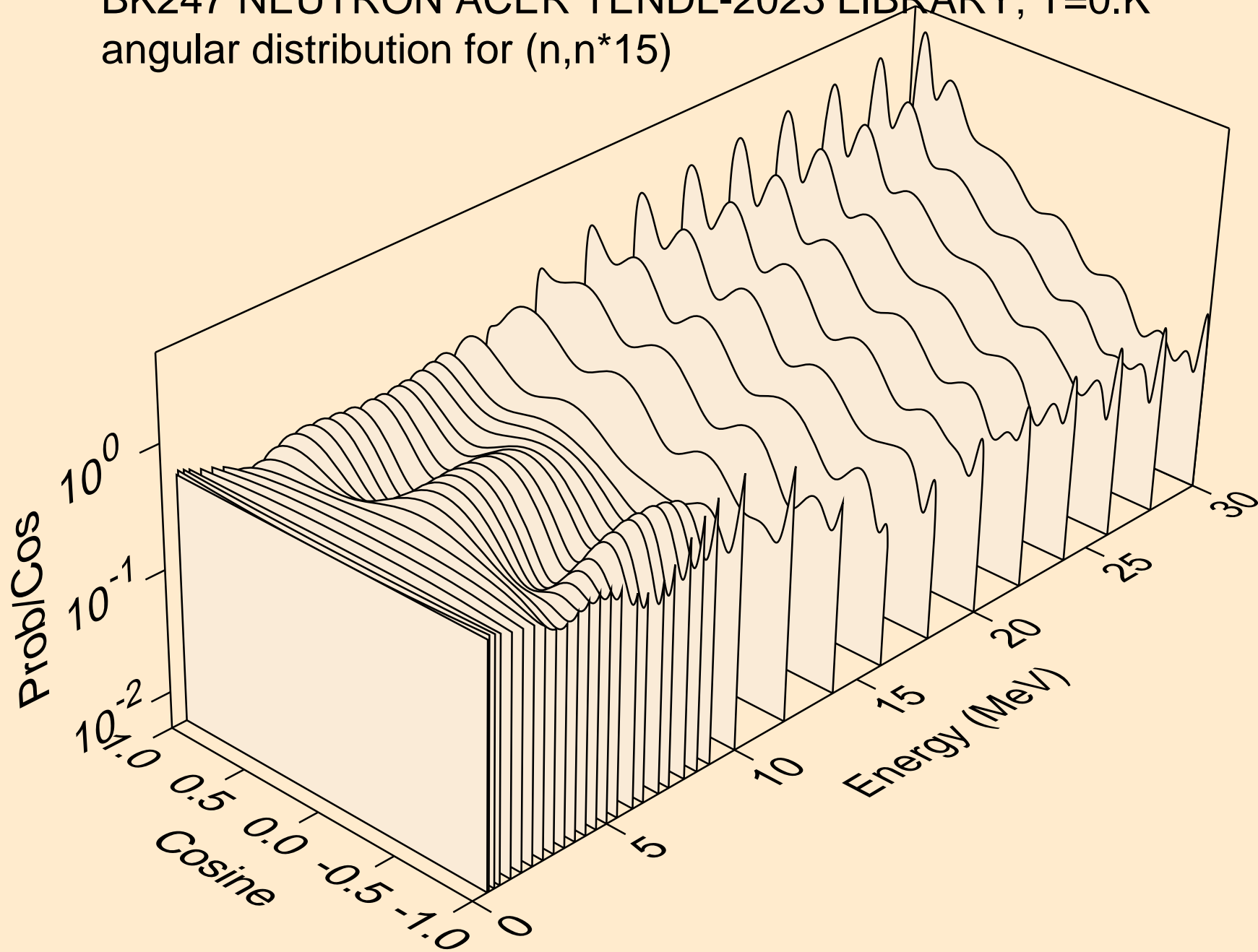
BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*14)

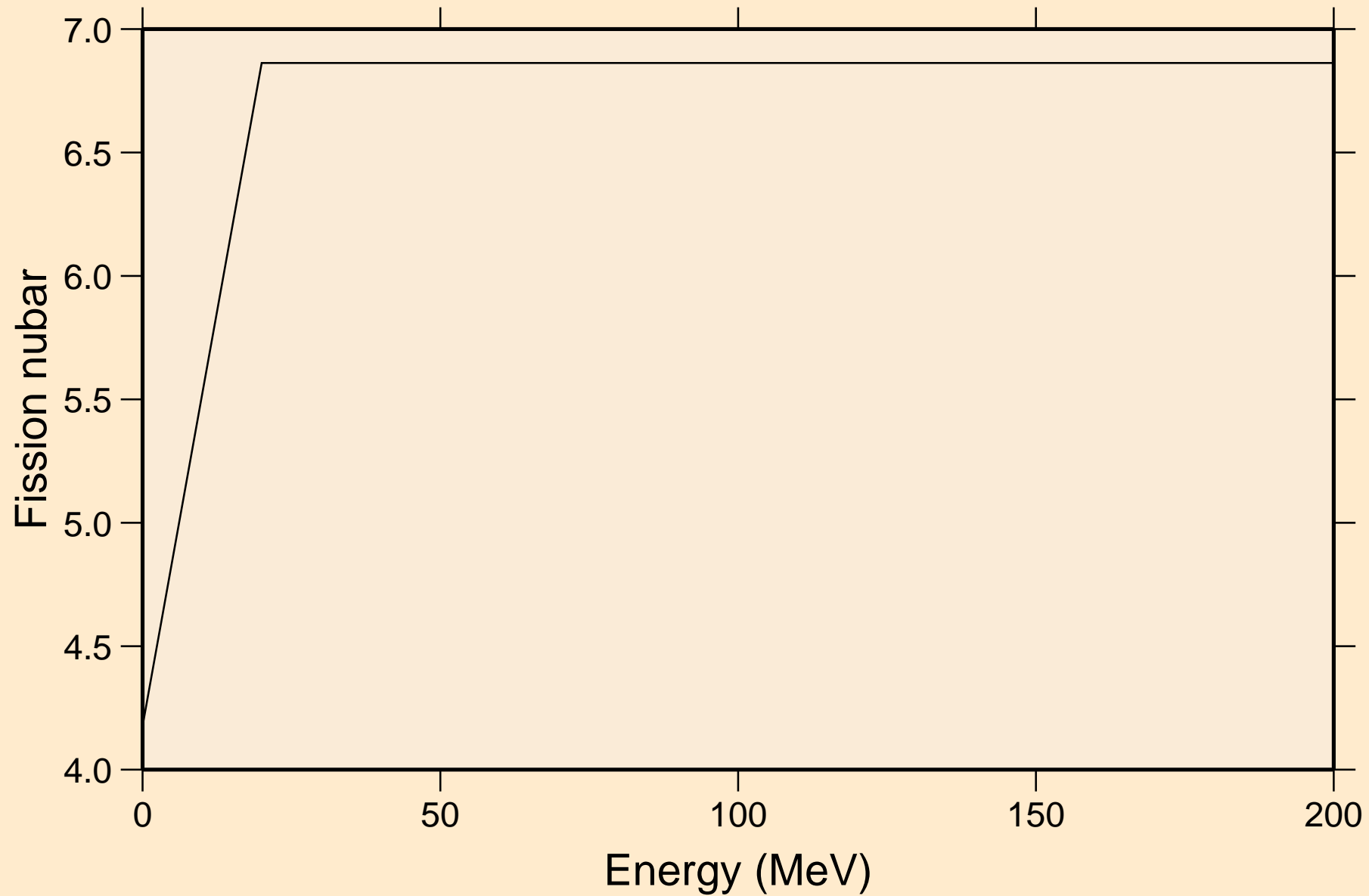


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angular distribution for (n,n\*15)

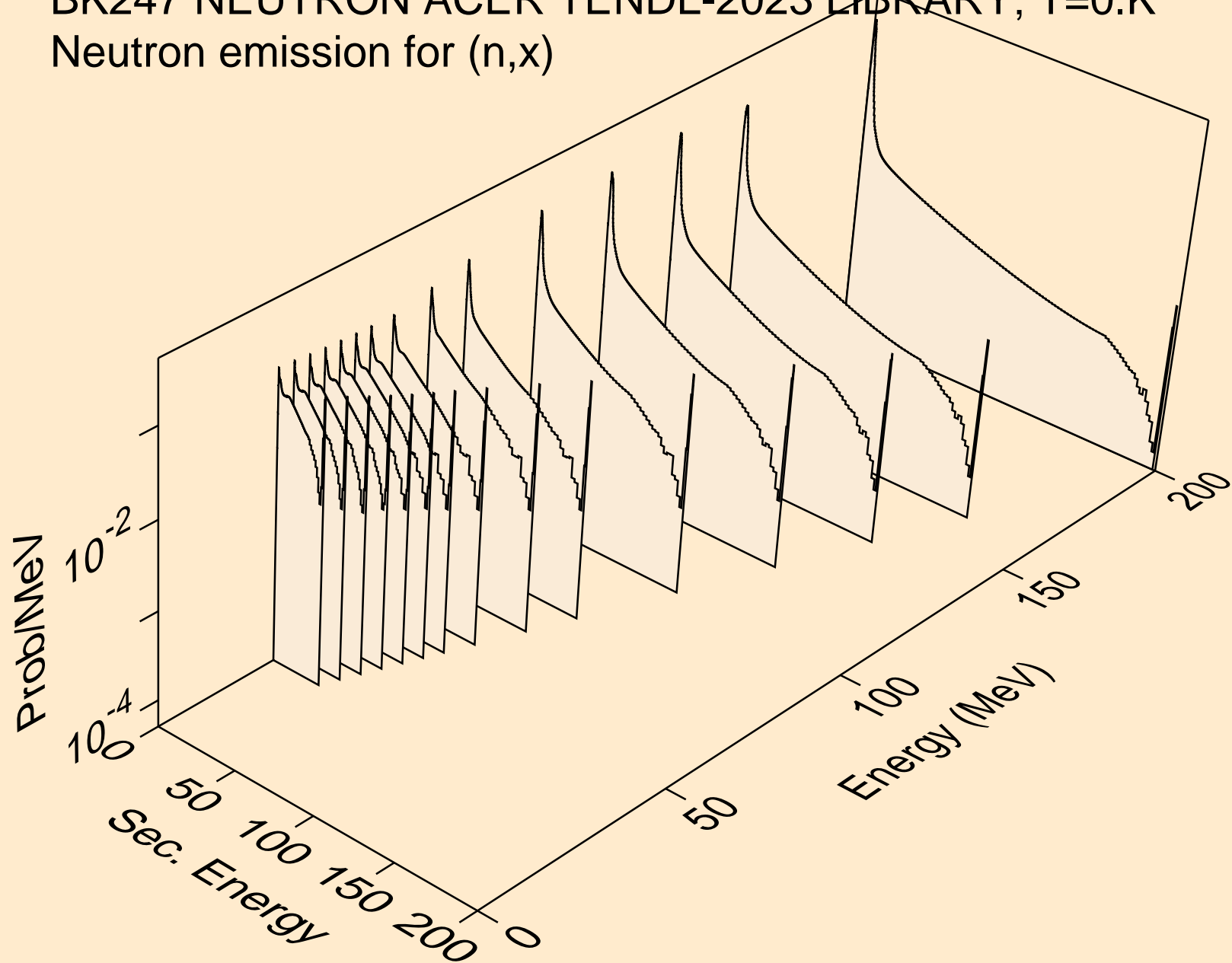


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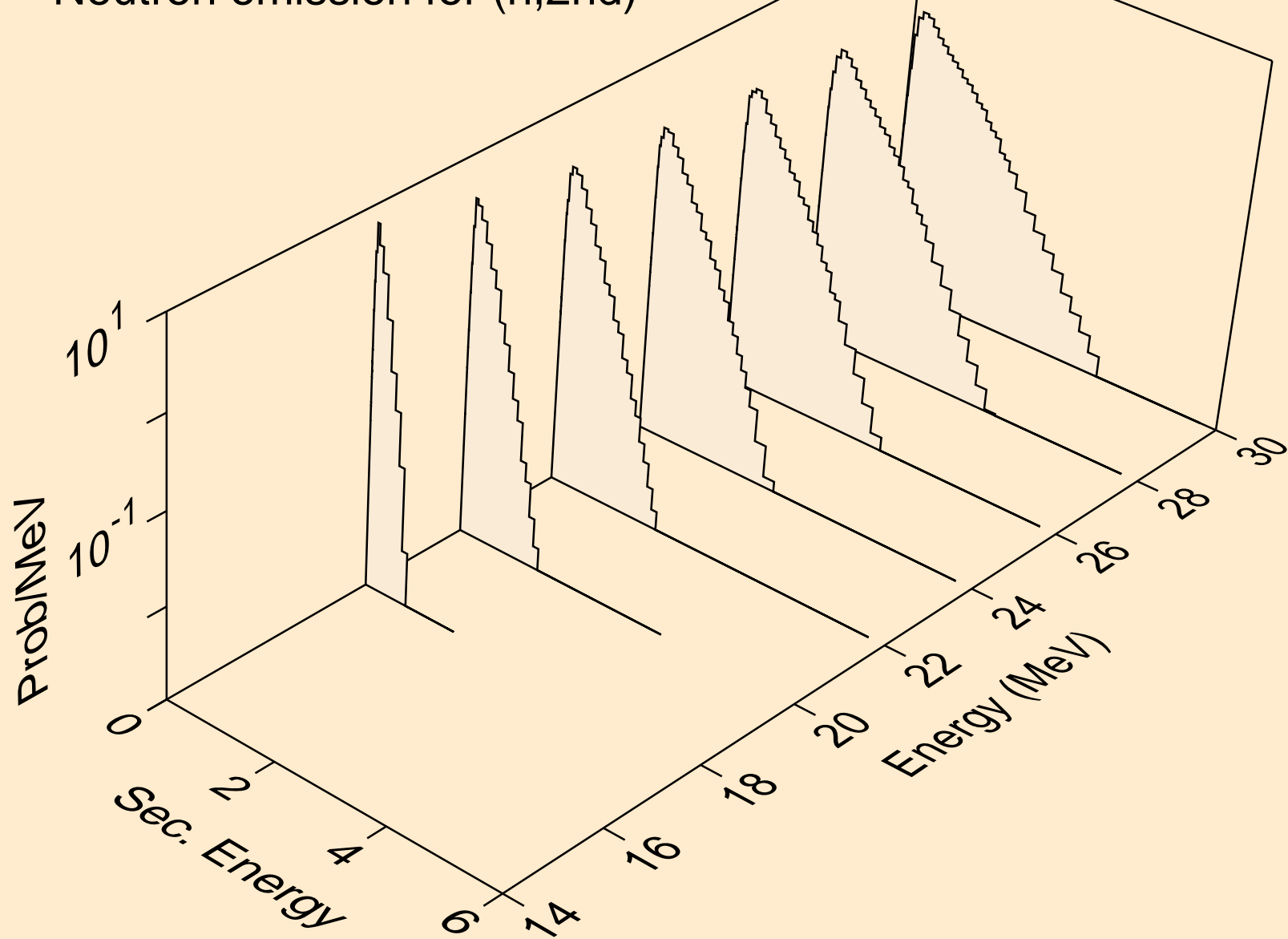
Total fission nubar



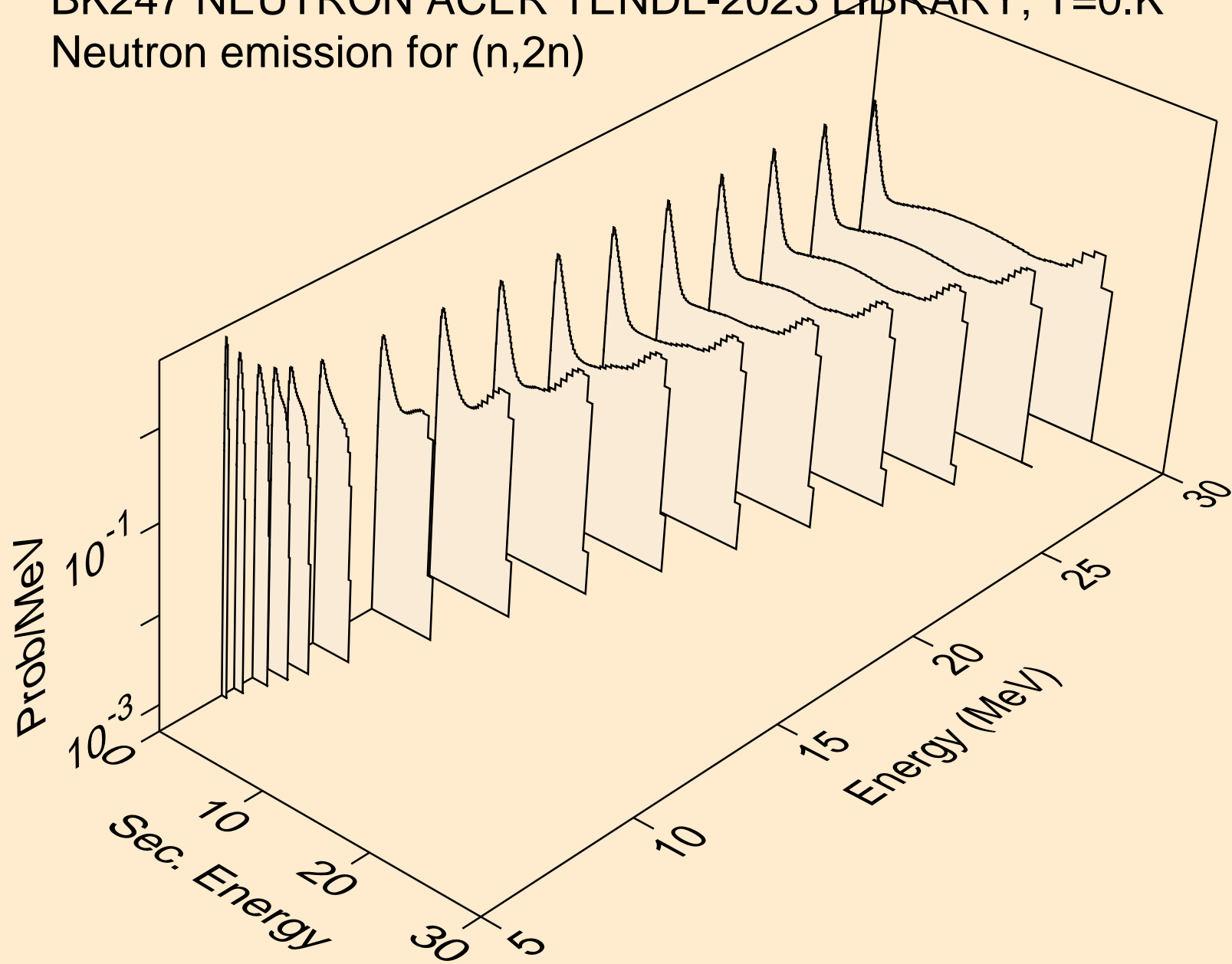
BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



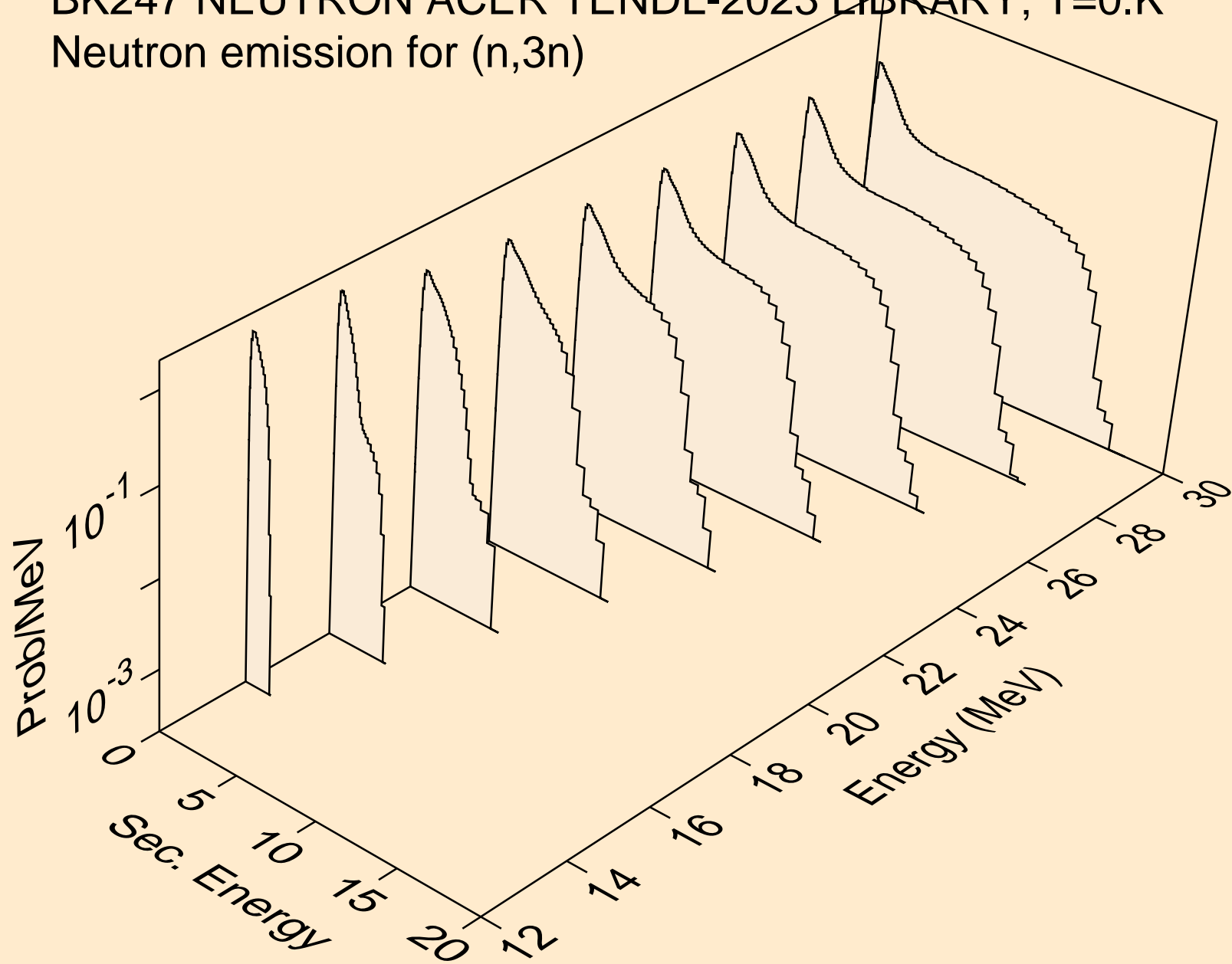
BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)

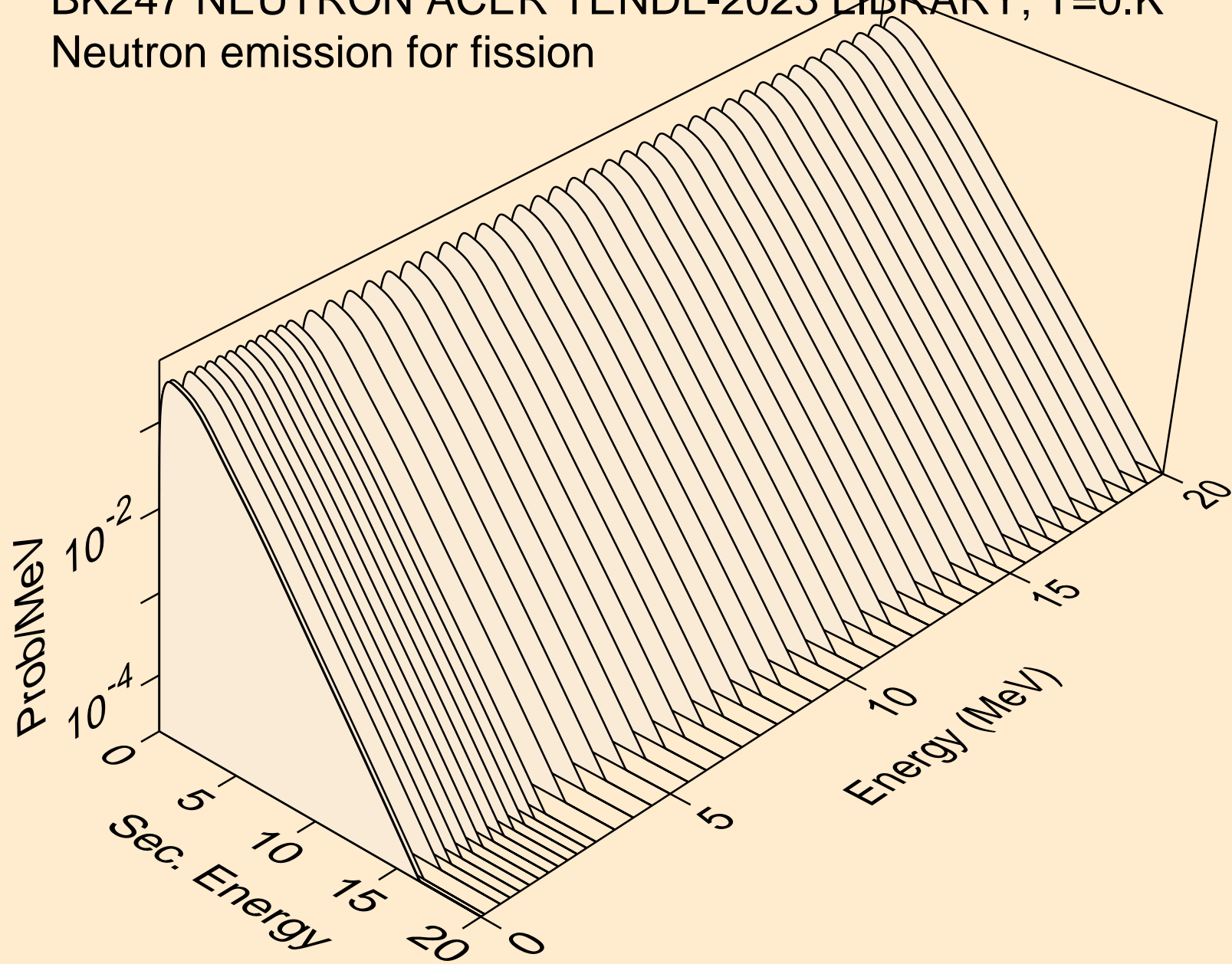


BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)

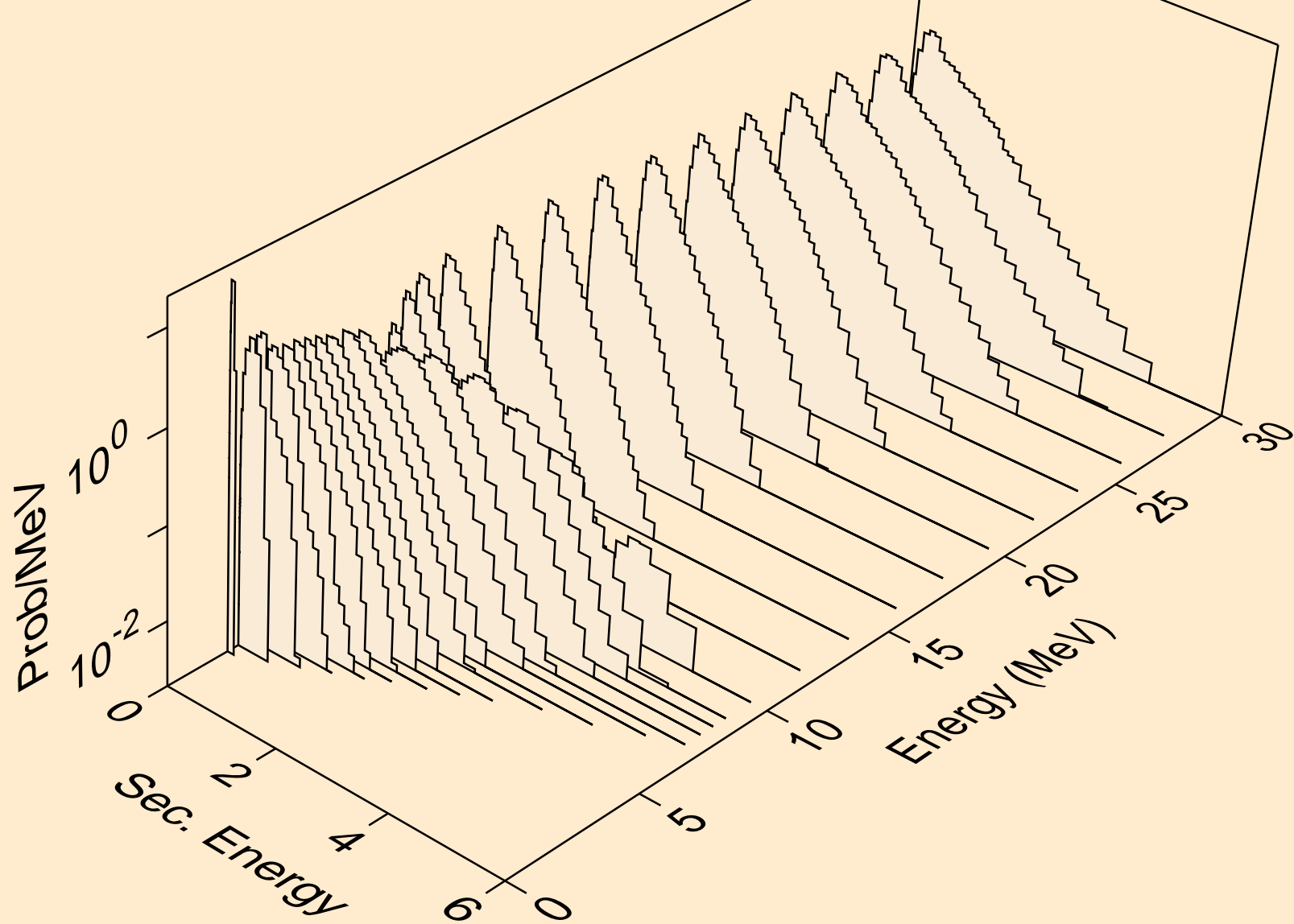




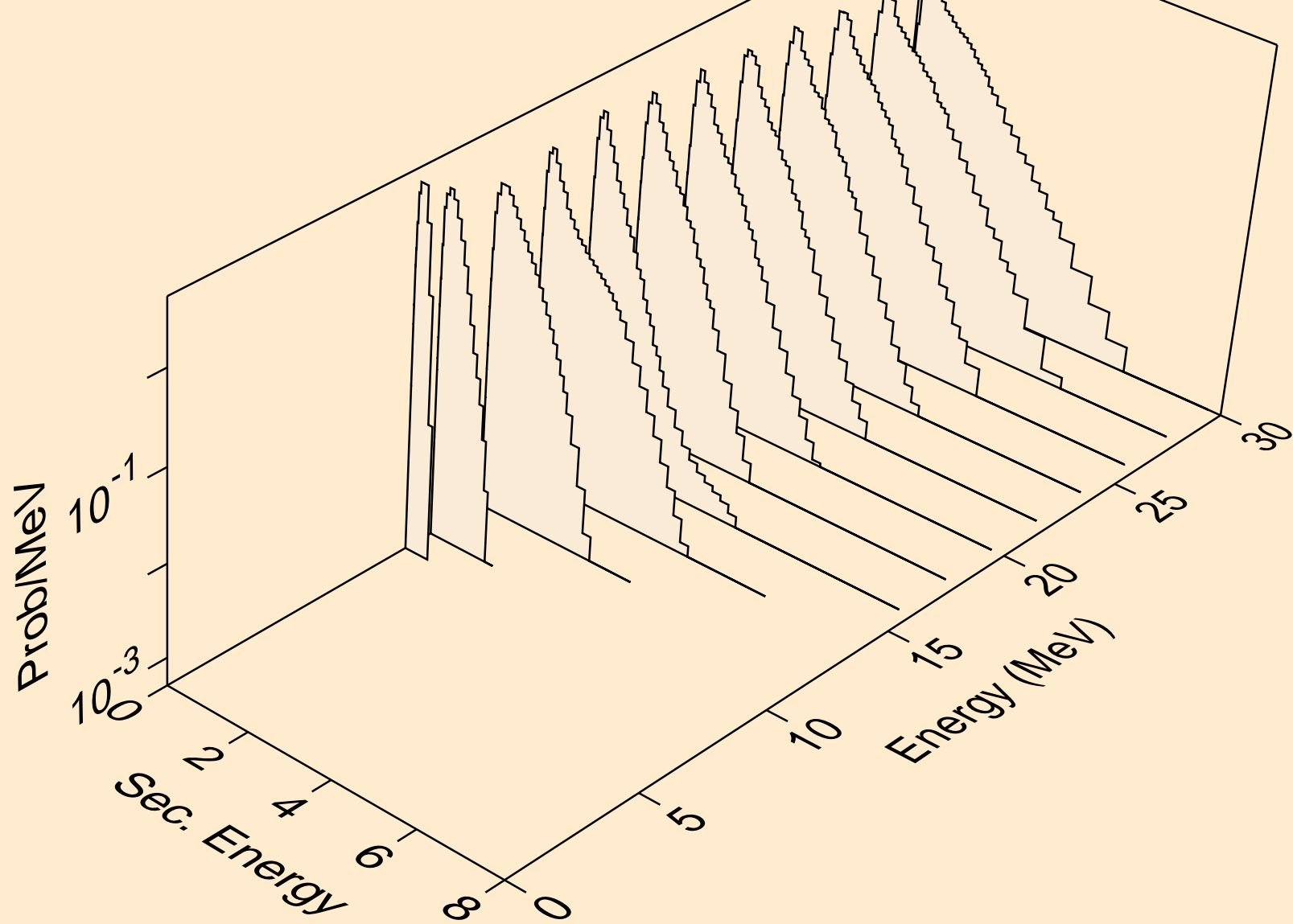
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Neutron emission for fission



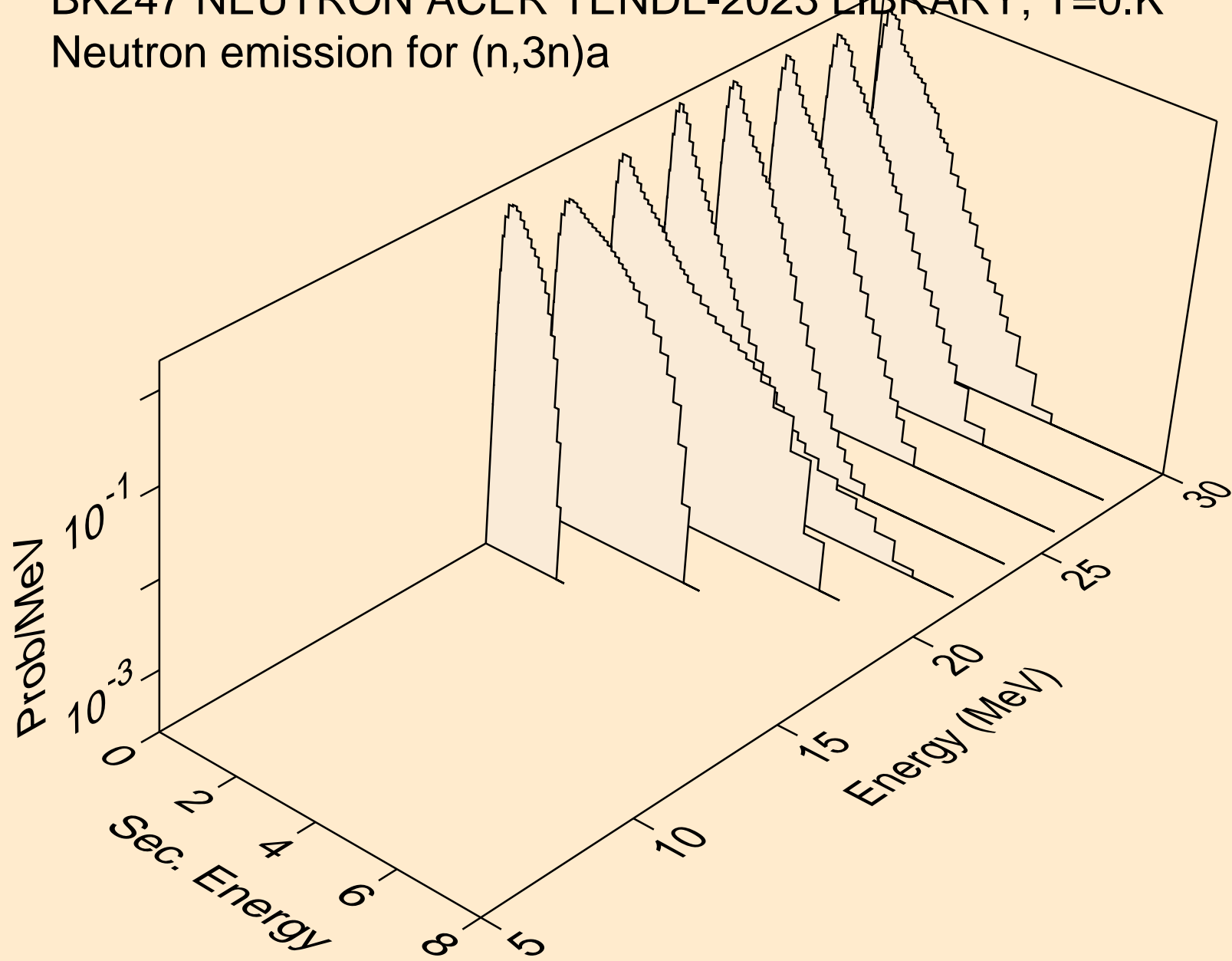
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Neutron emission for (n,n\*)a



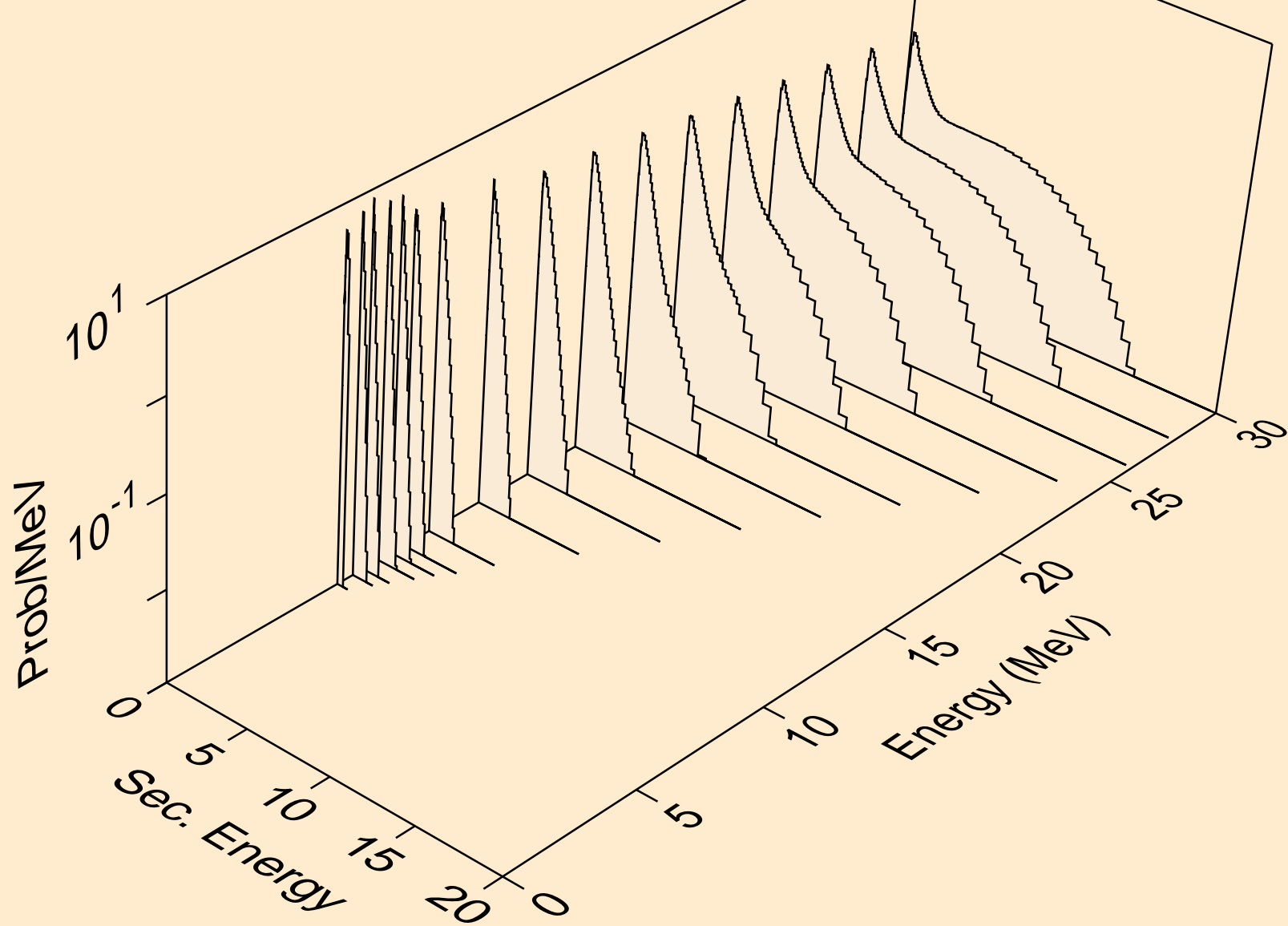
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Neutron emission for (n,2n)a



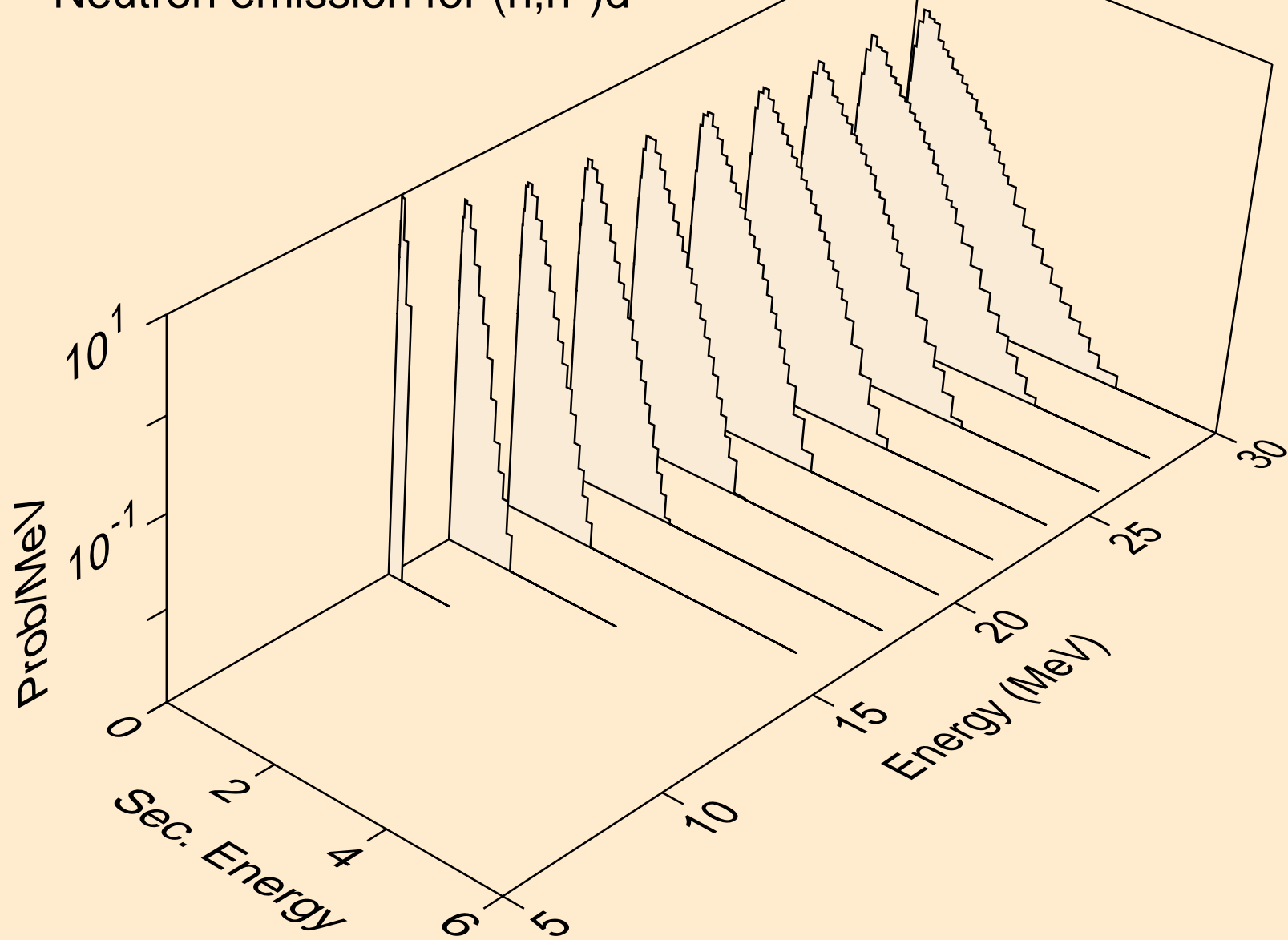
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Neutron emission for (n,3n)a



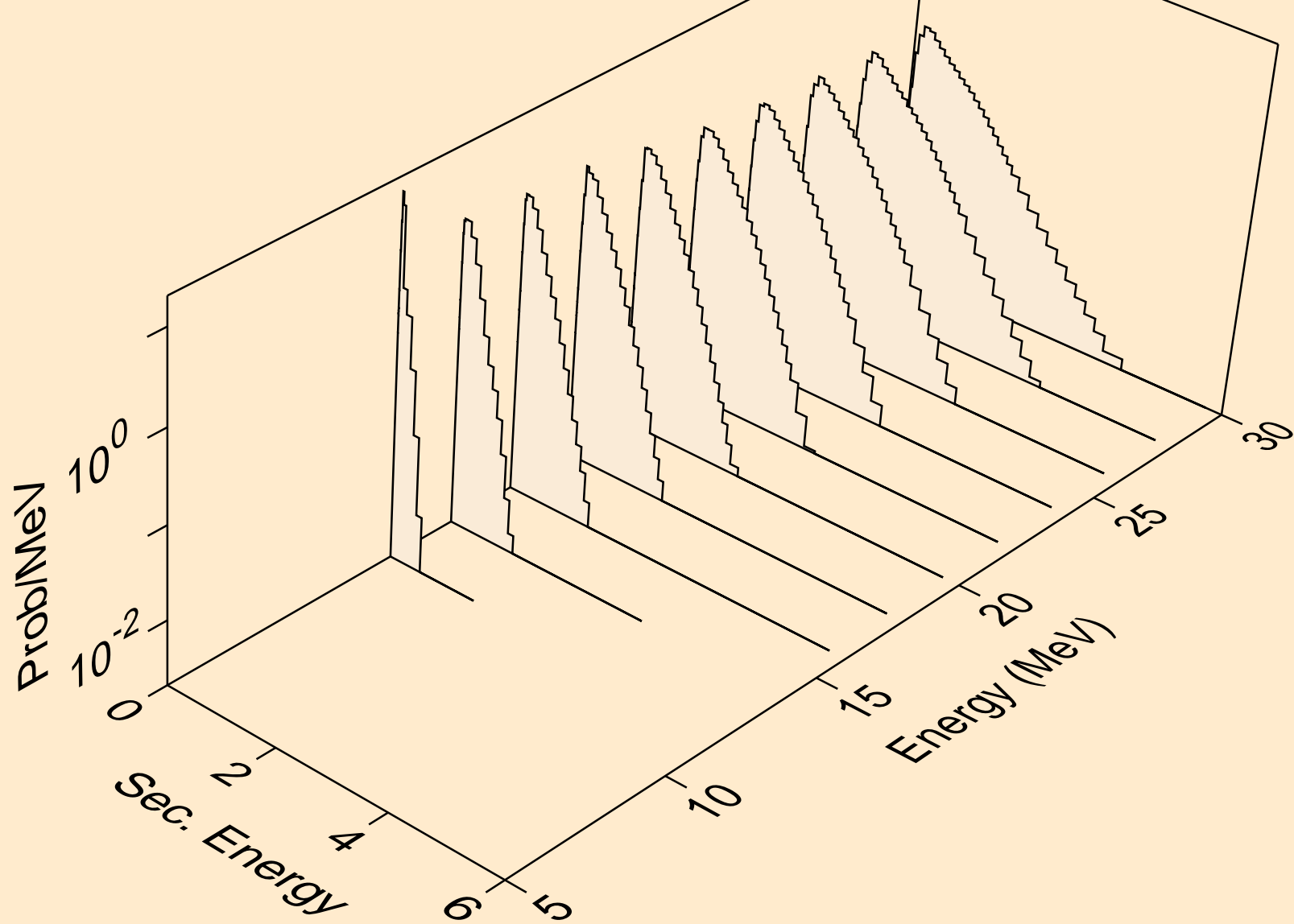
BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



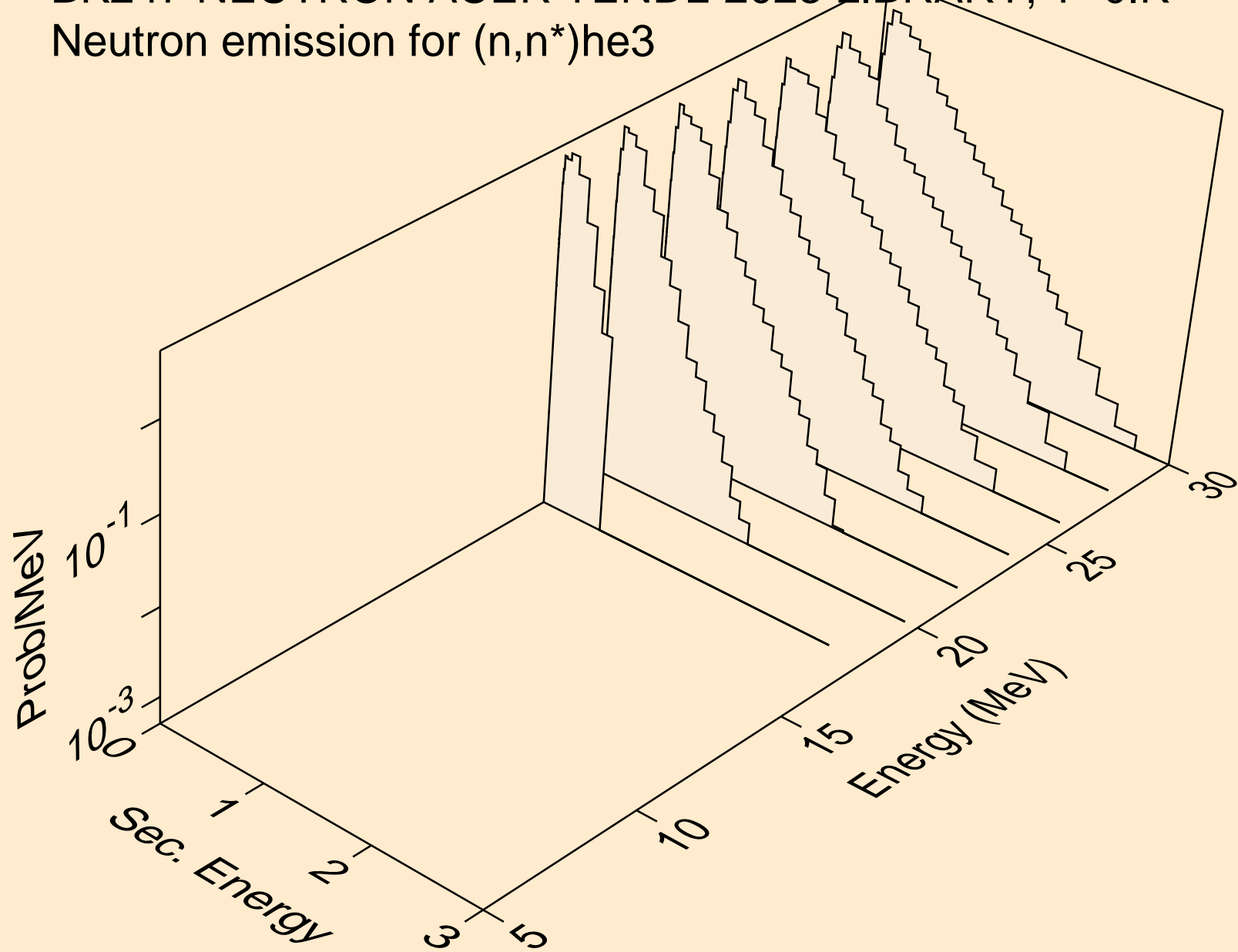
BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t

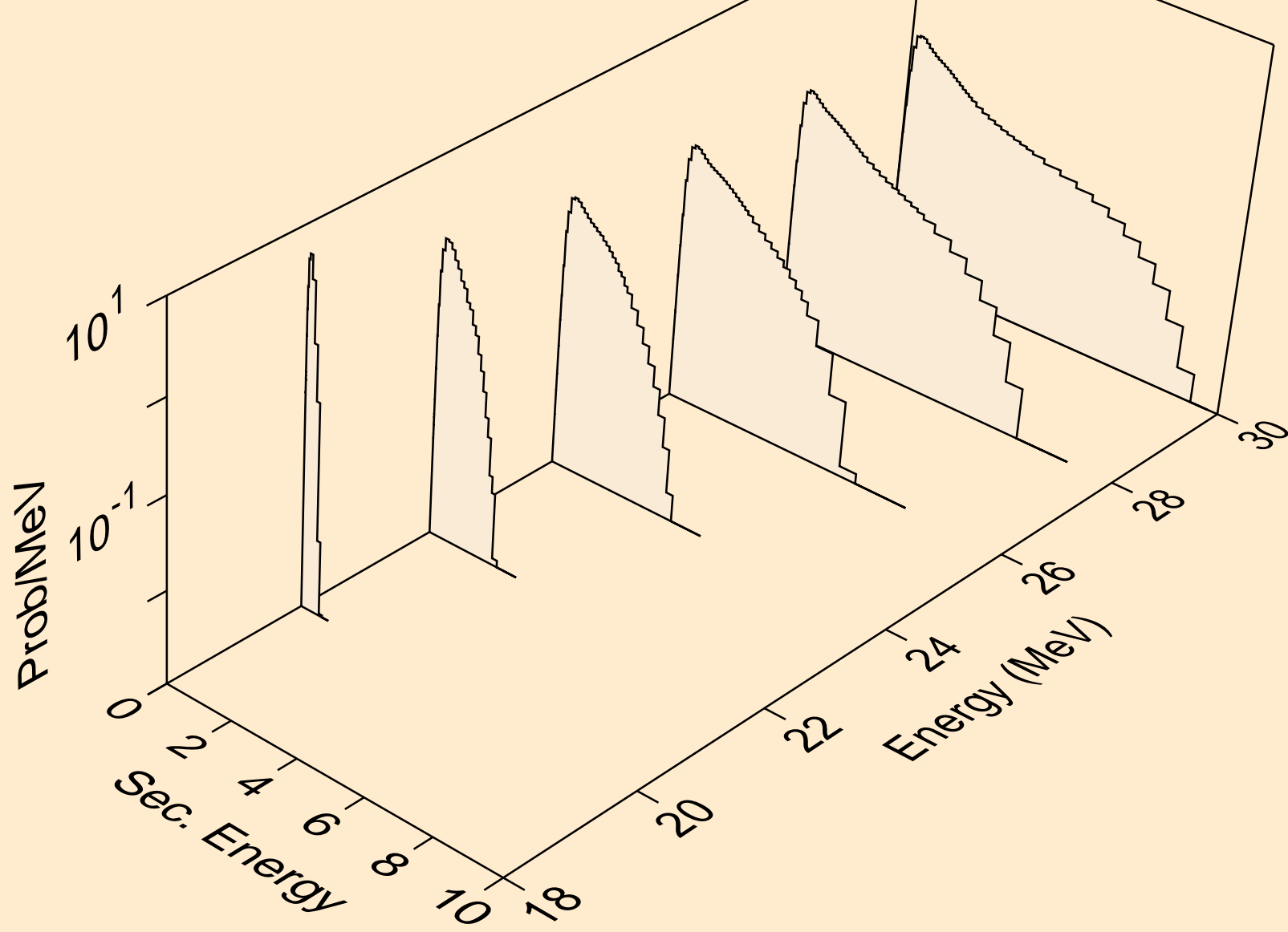


BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3

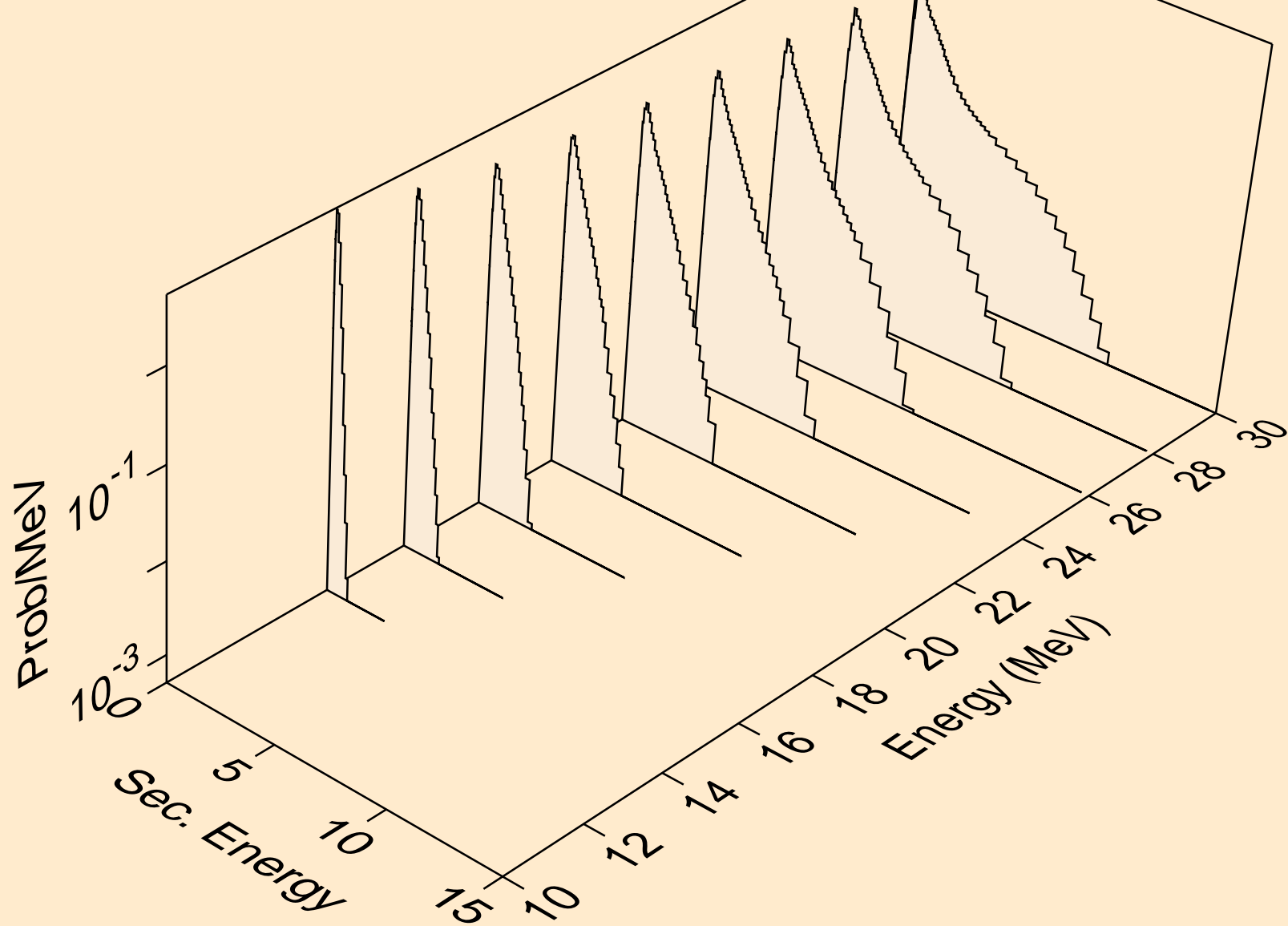




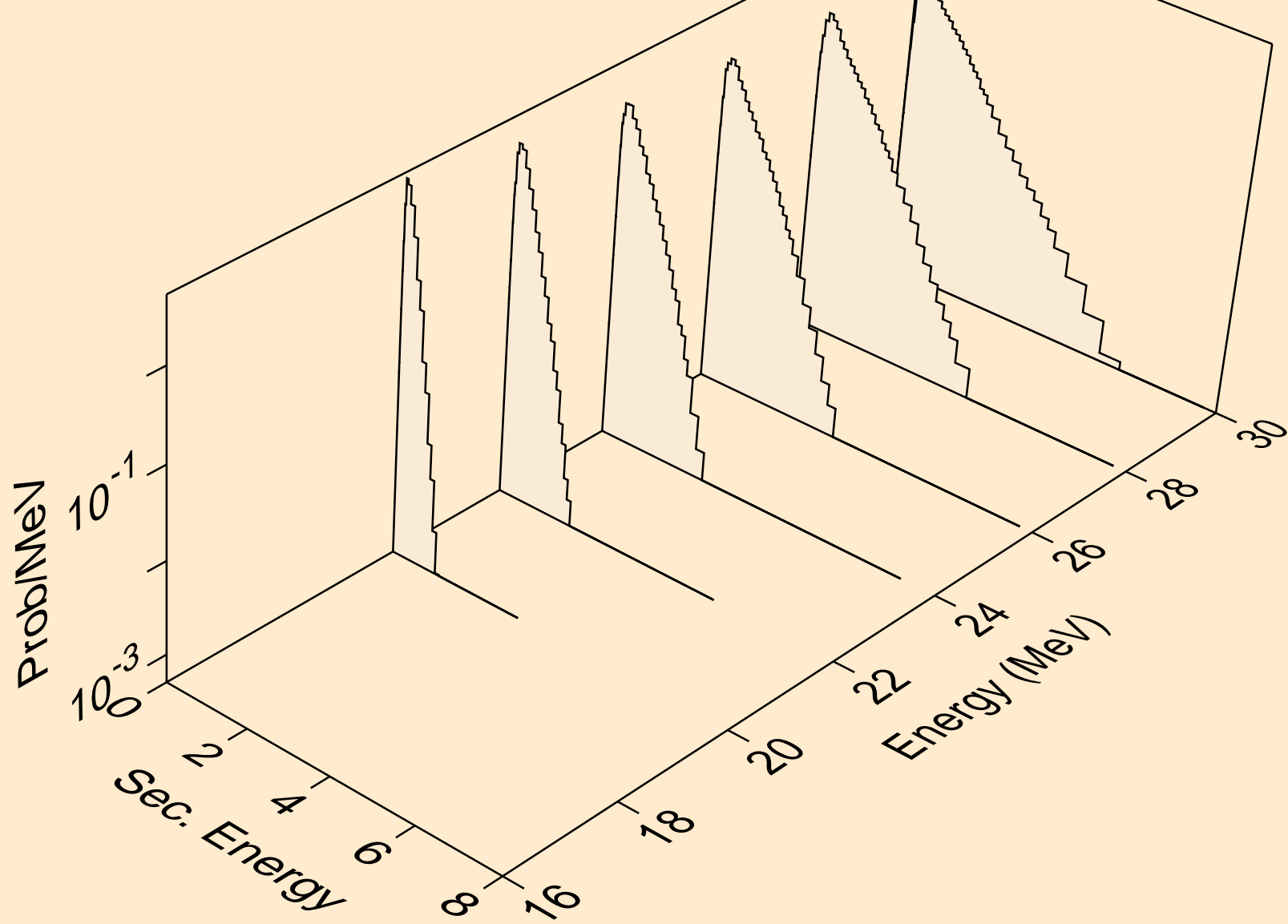
BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)



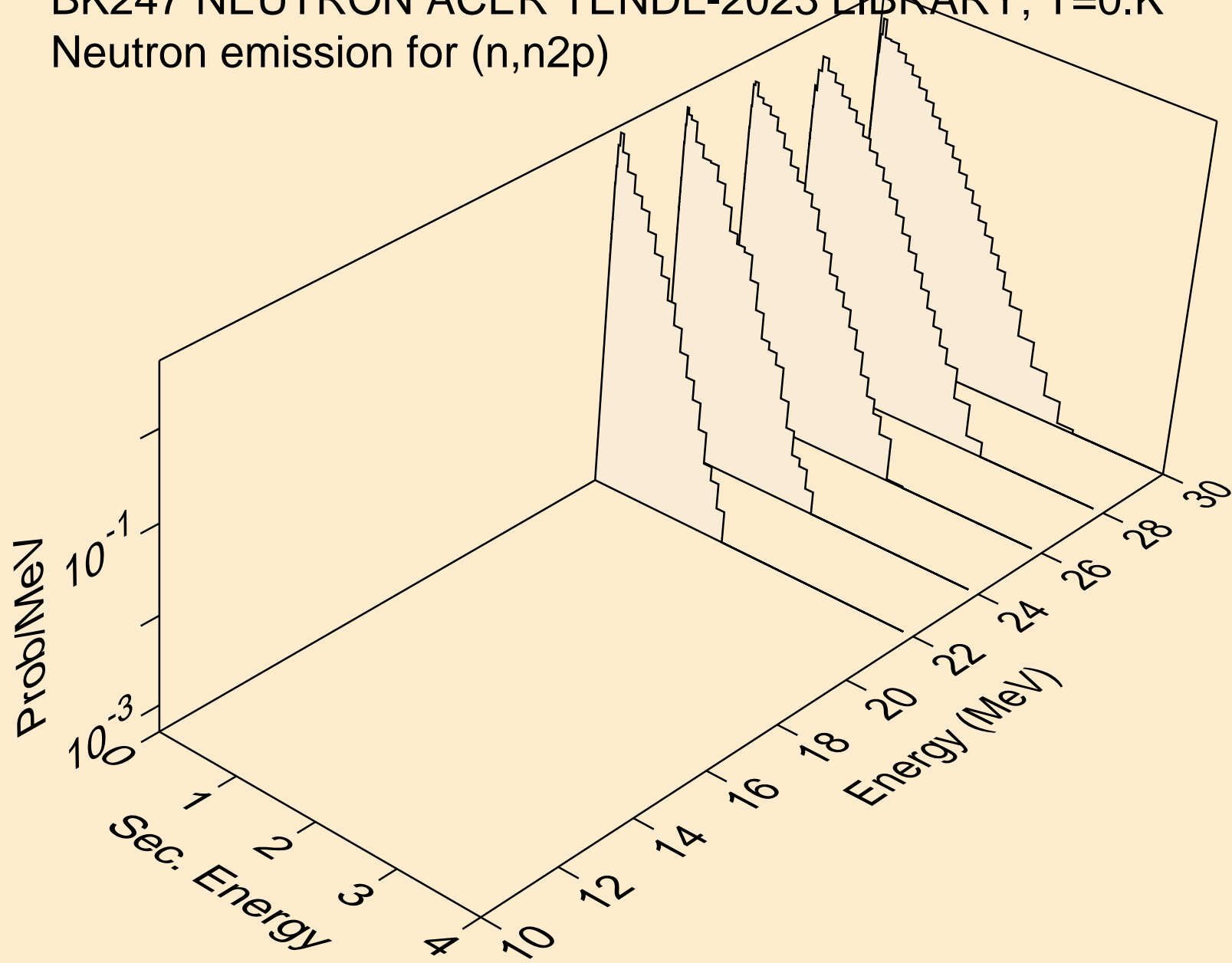
BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)



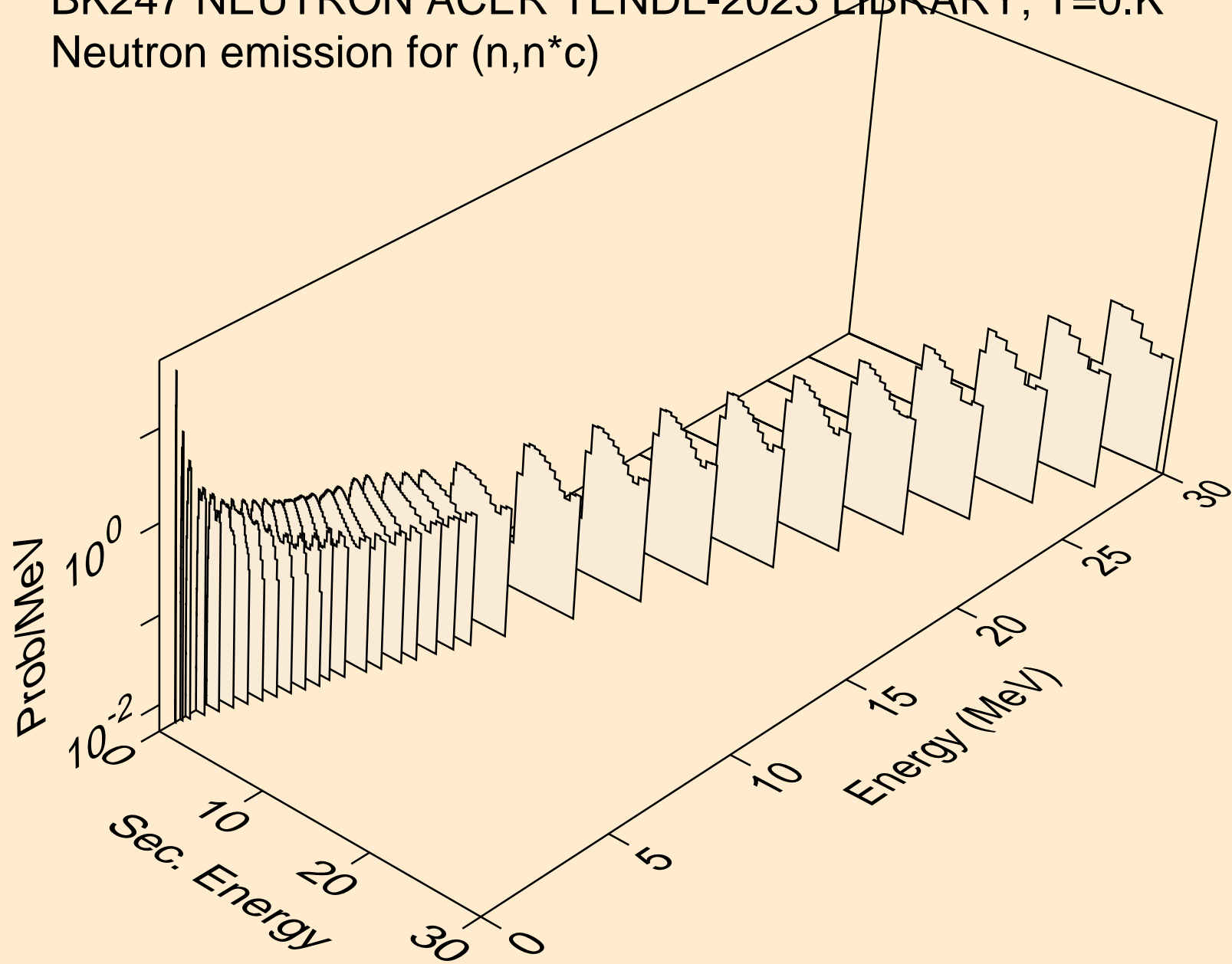
BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3np)



BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)

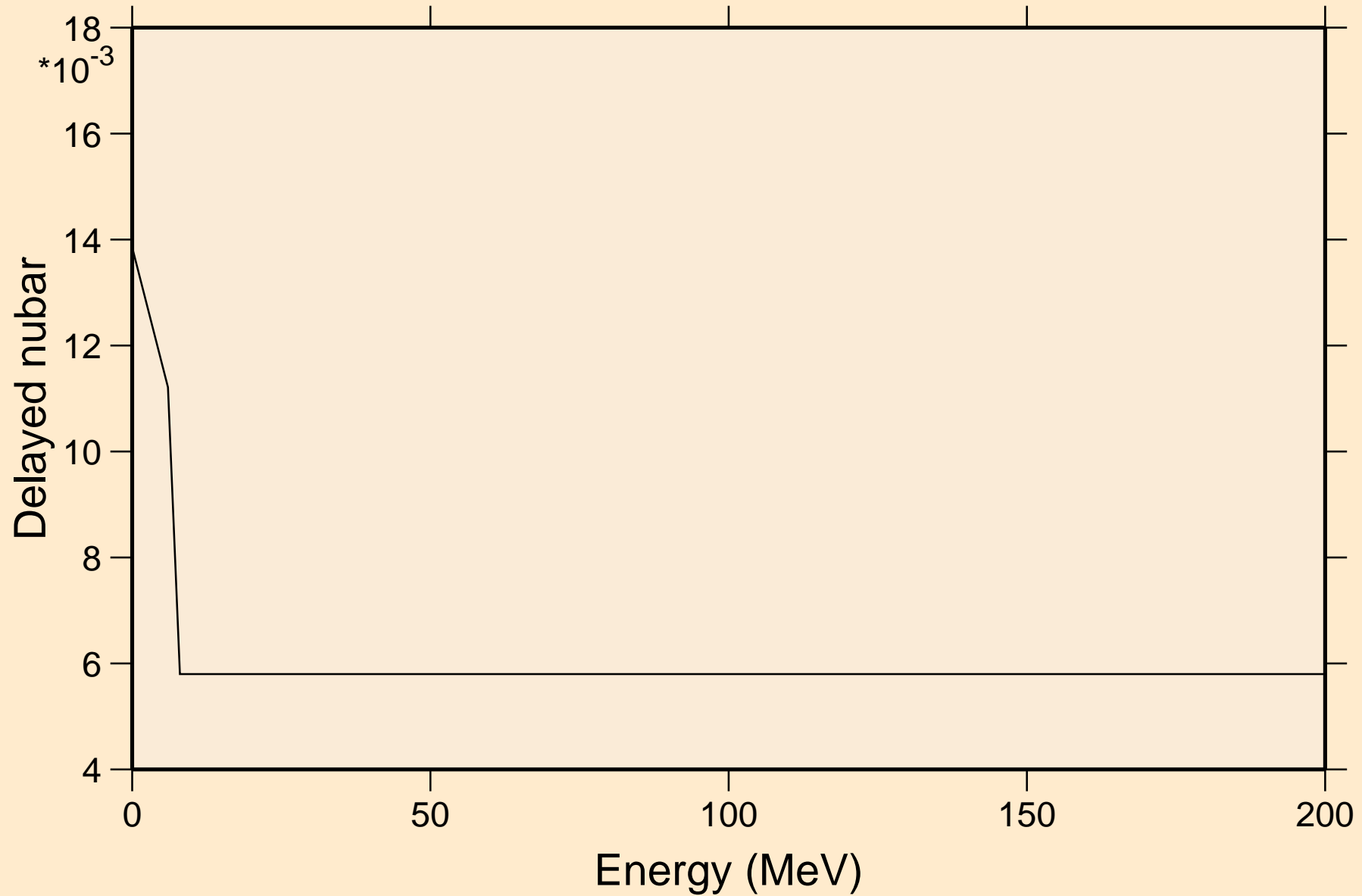


BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



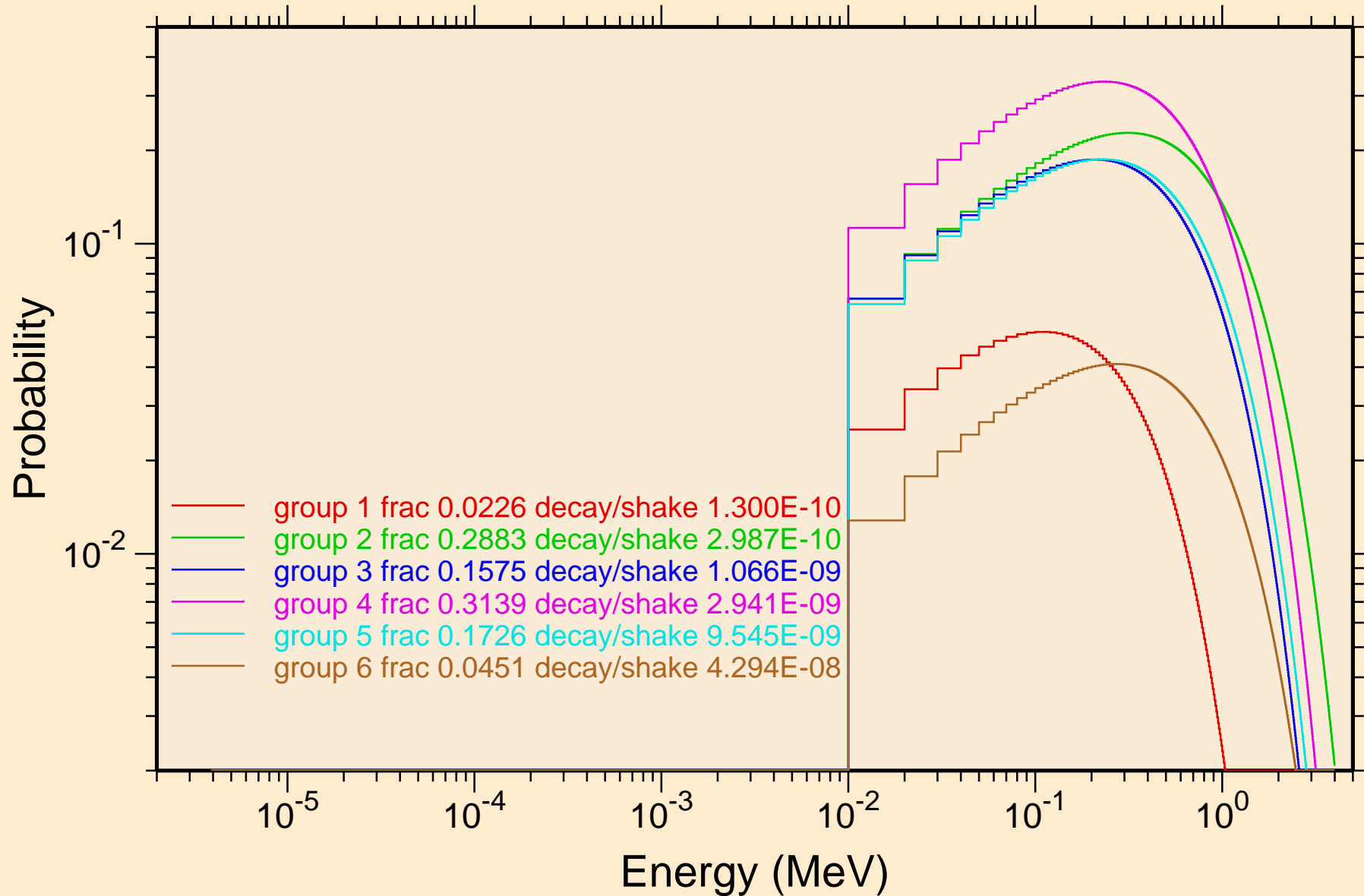
# BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Delayed nubar

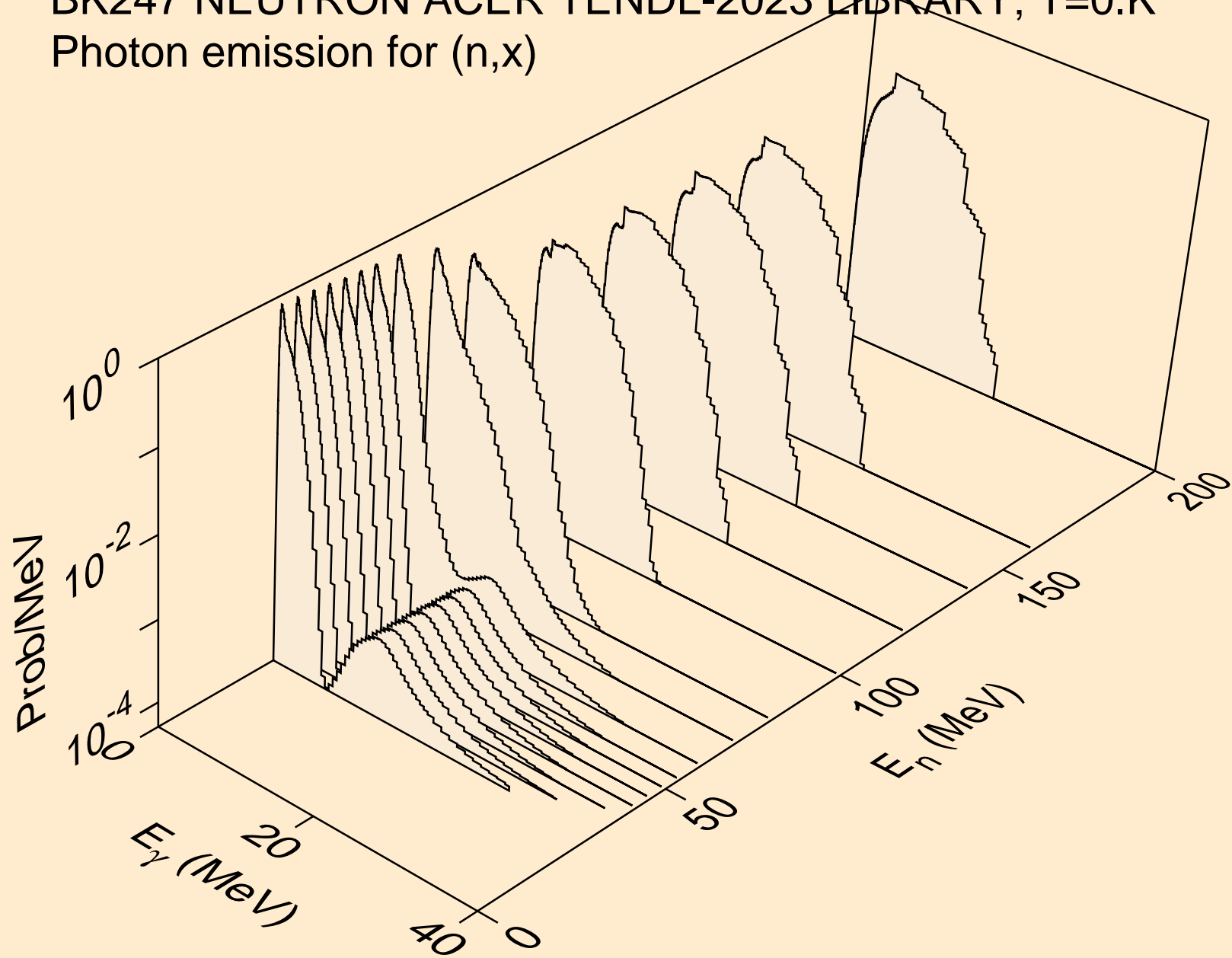


# BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Delayed neutron spectra

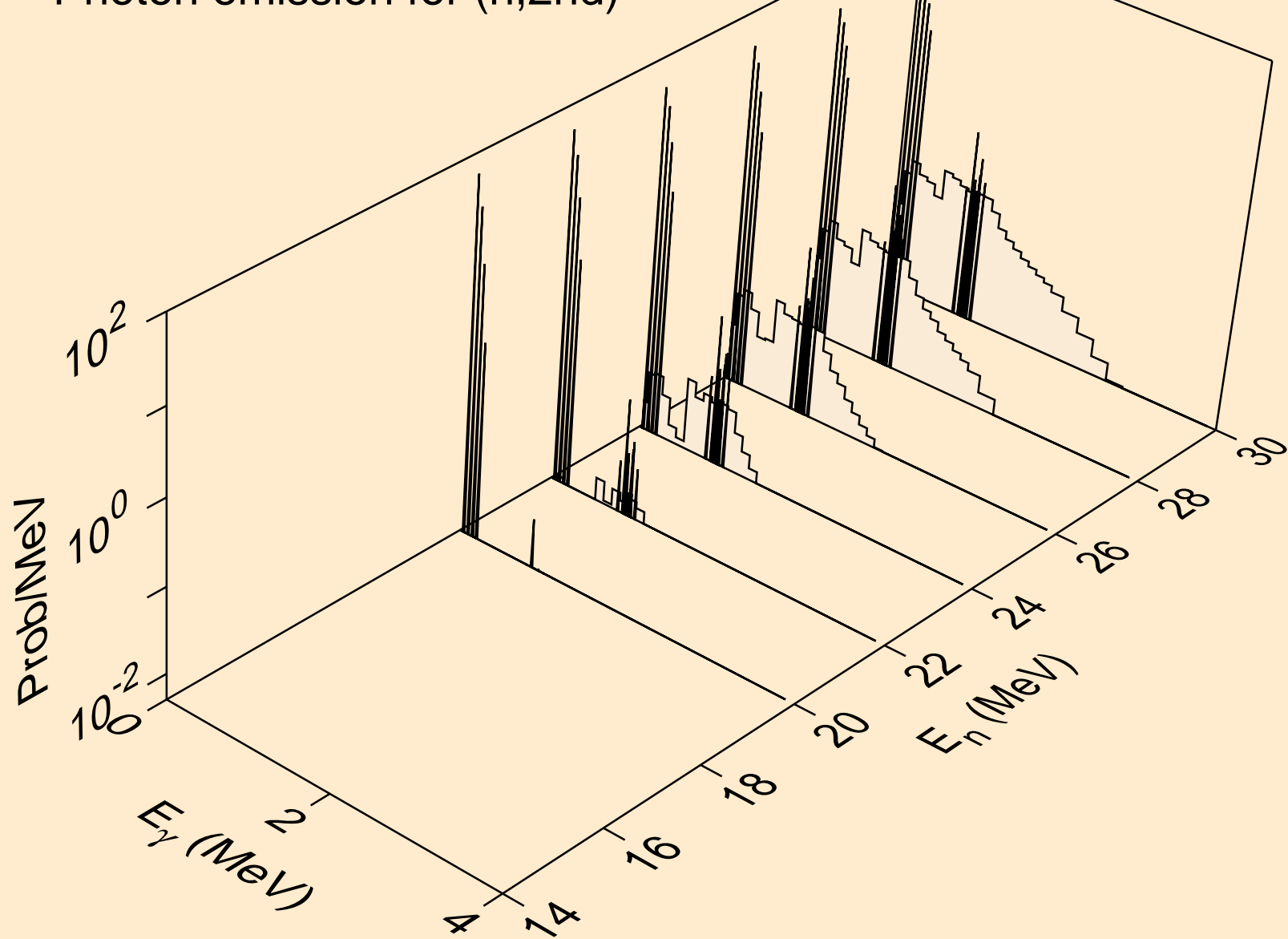


BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)

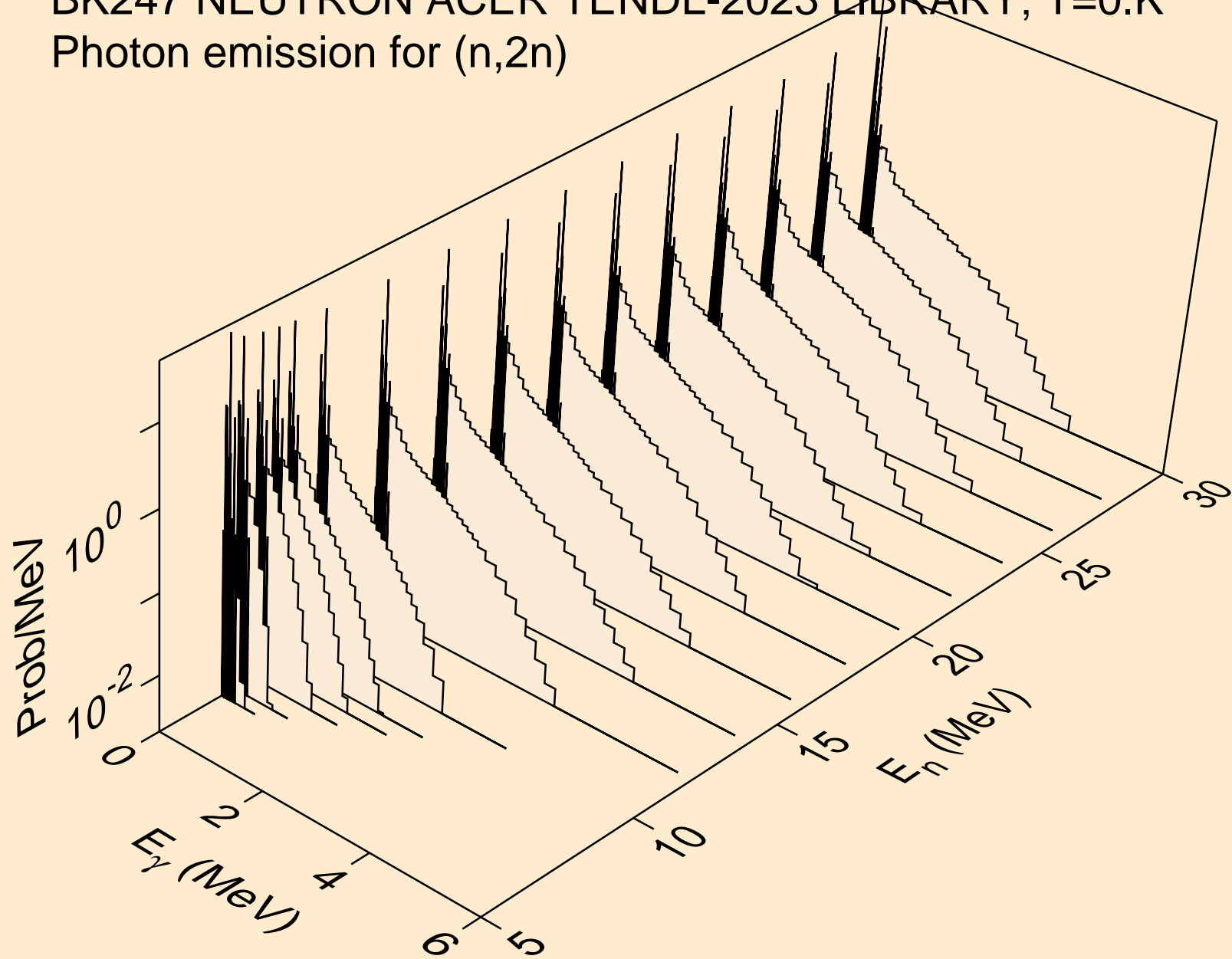




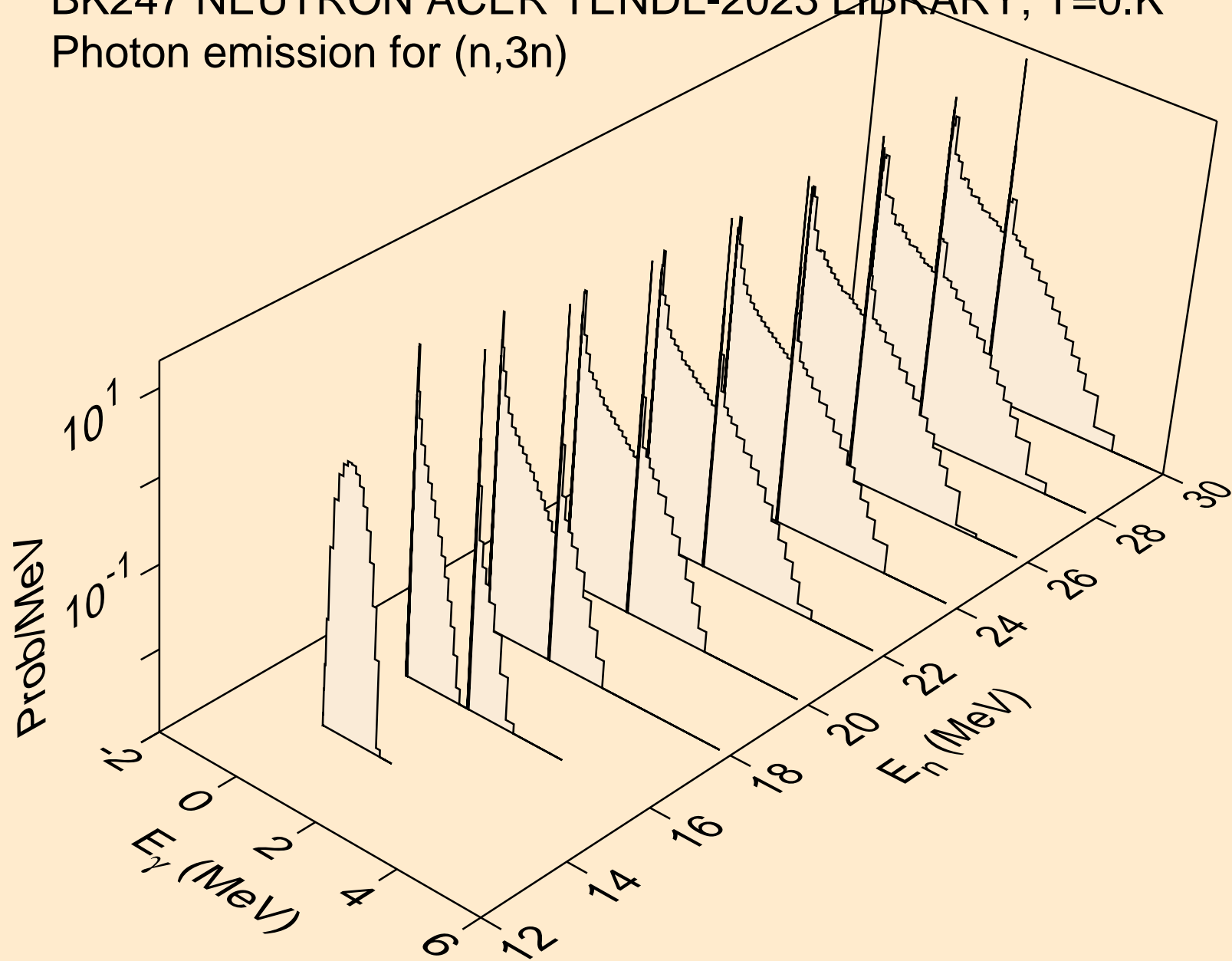
BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



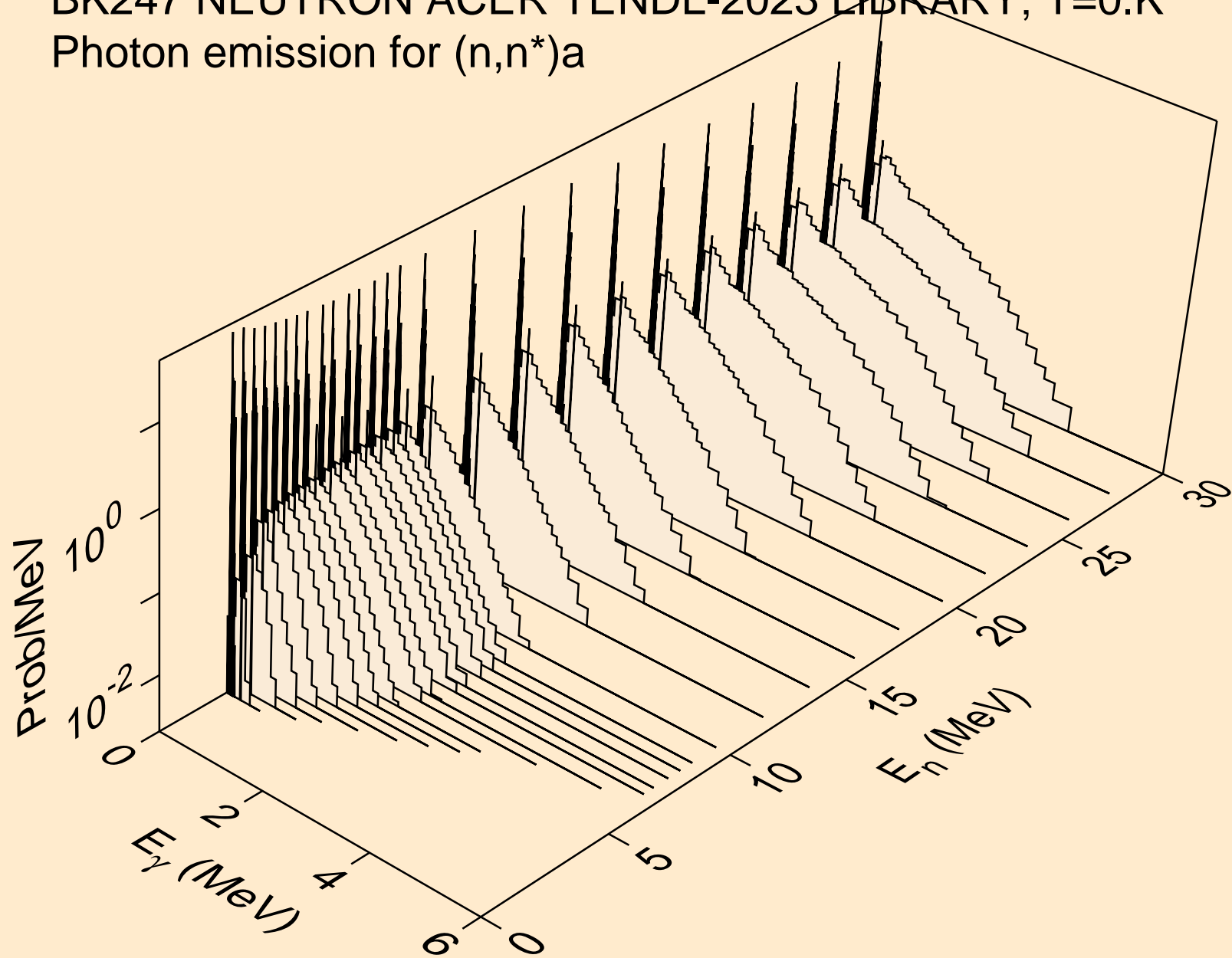
BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



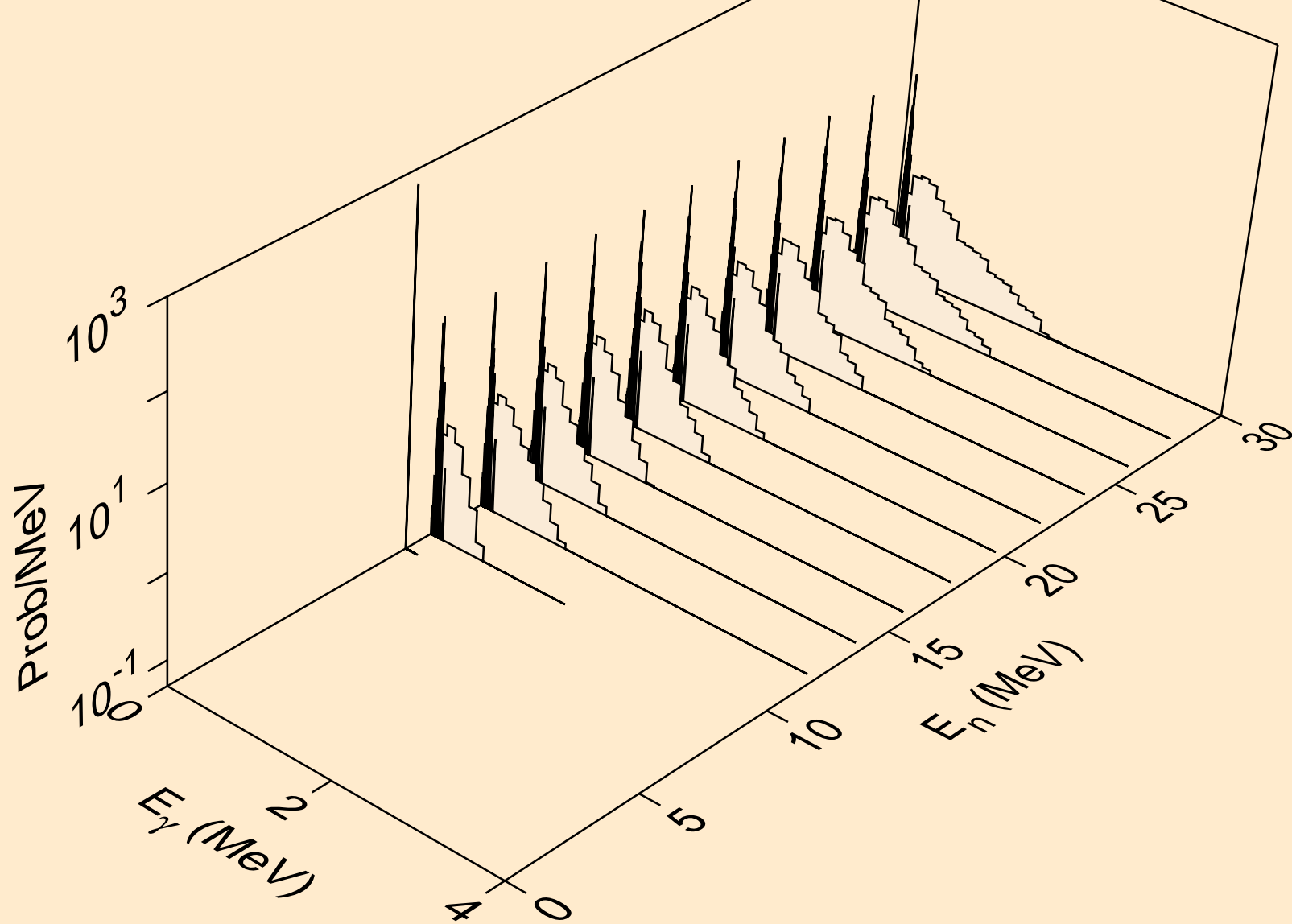
BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



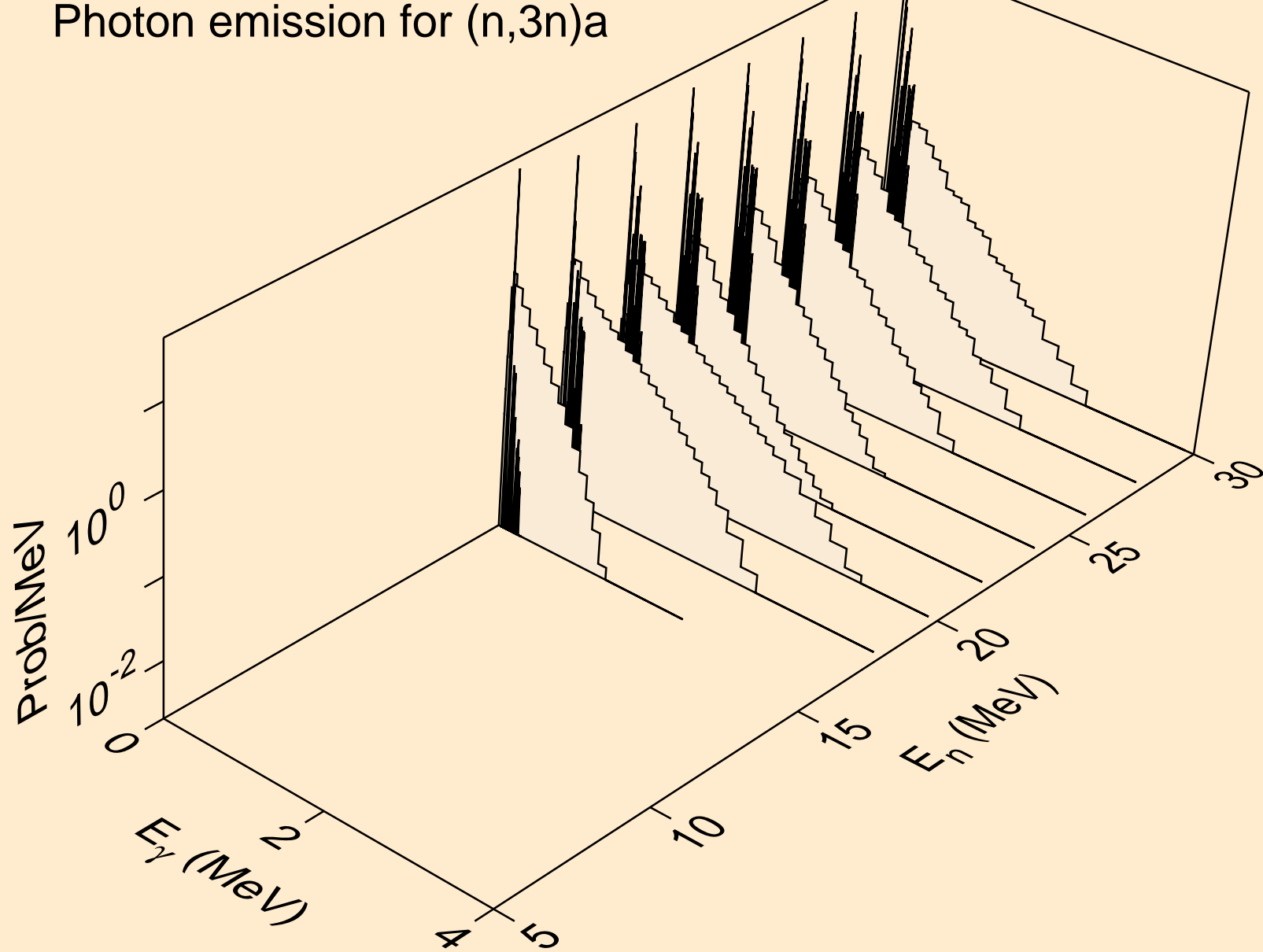
BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



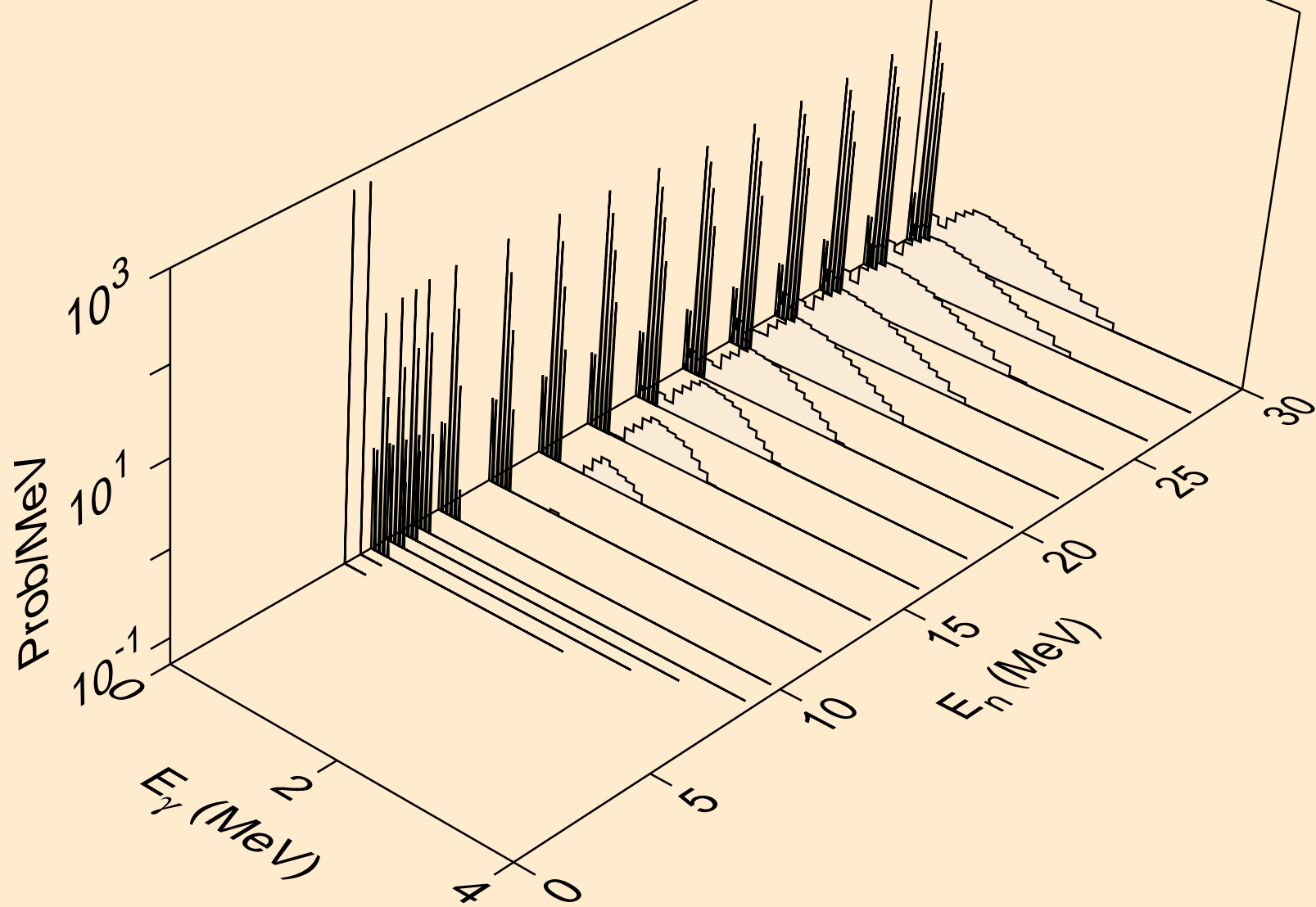
BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



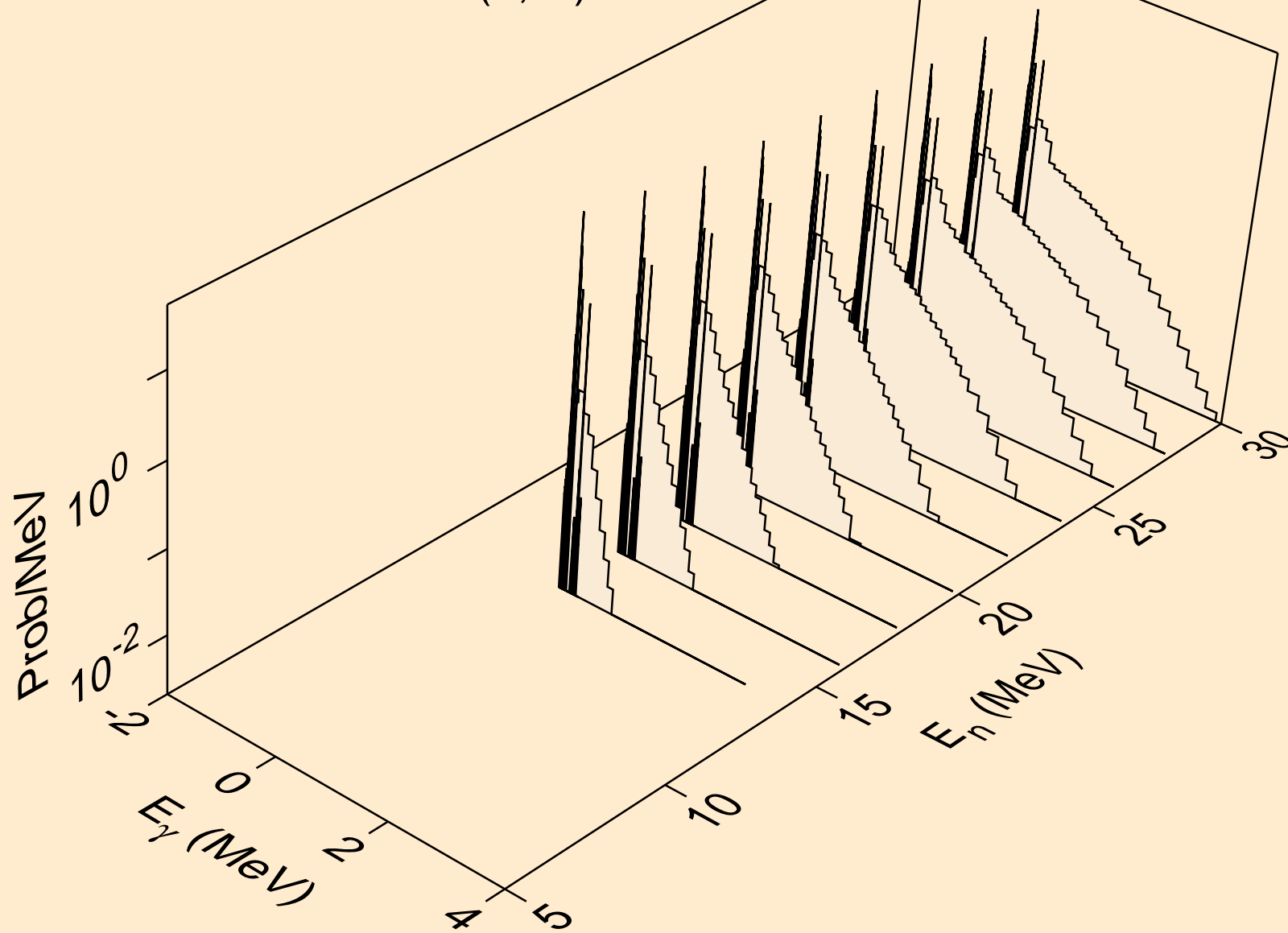
BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

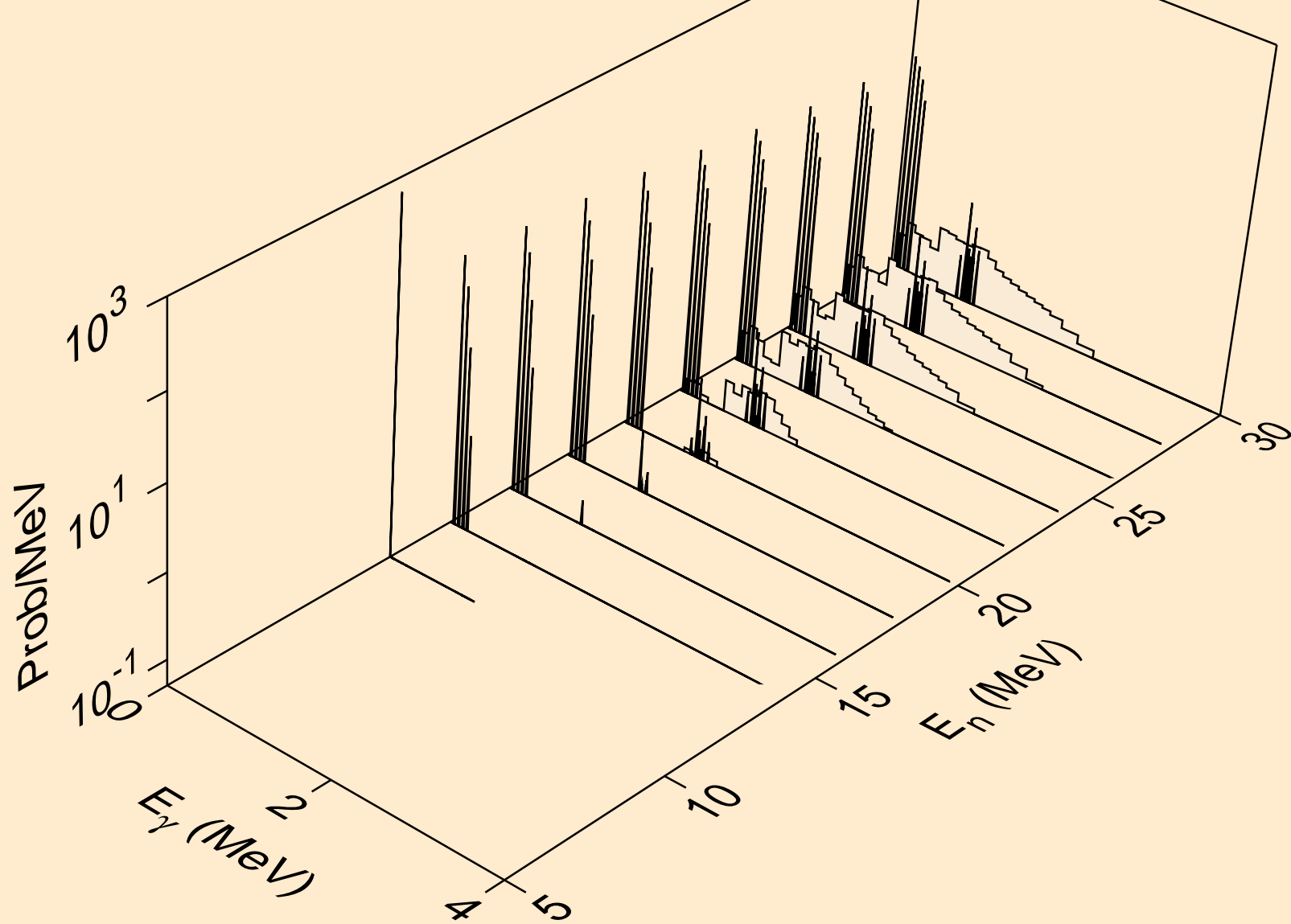


BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

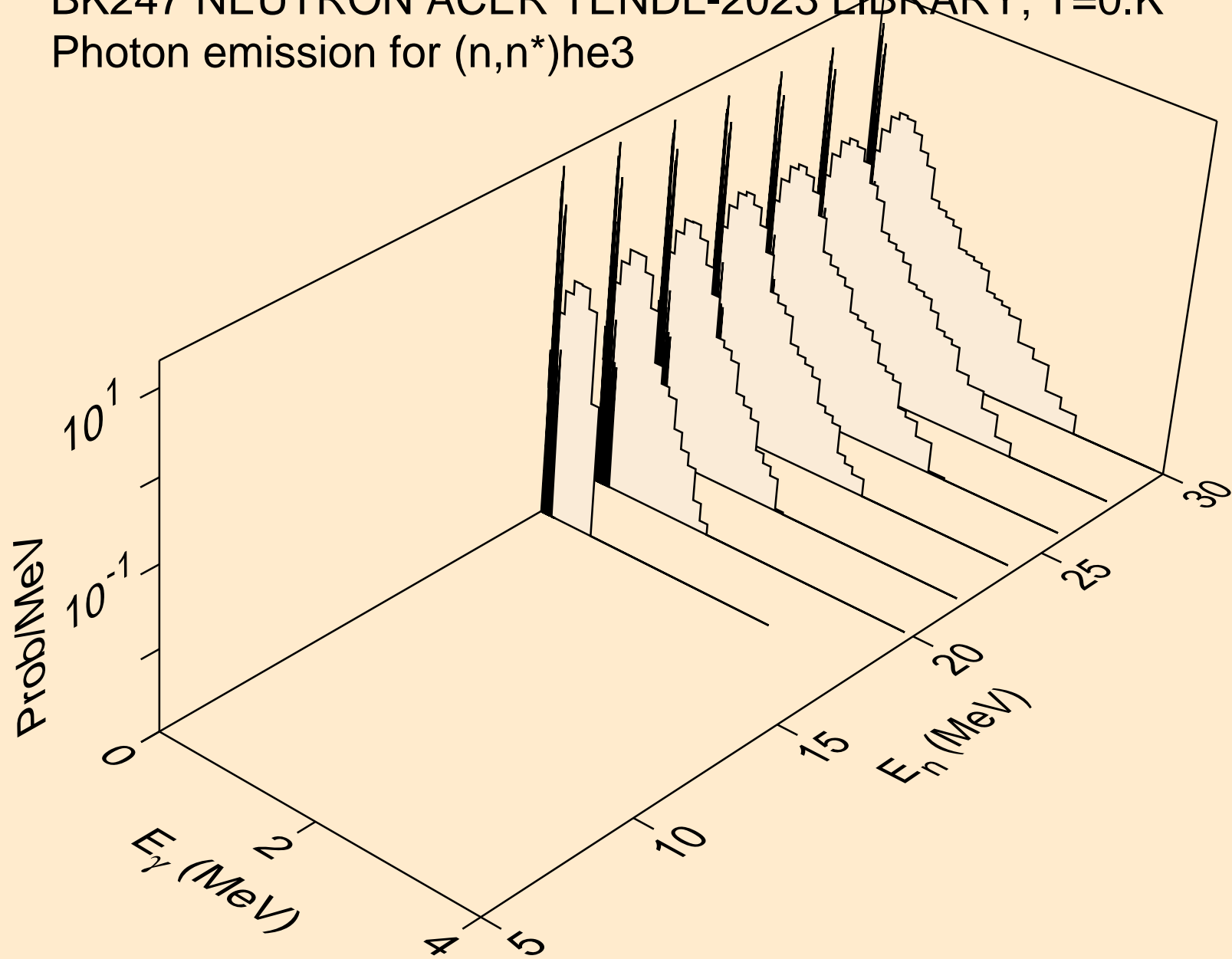




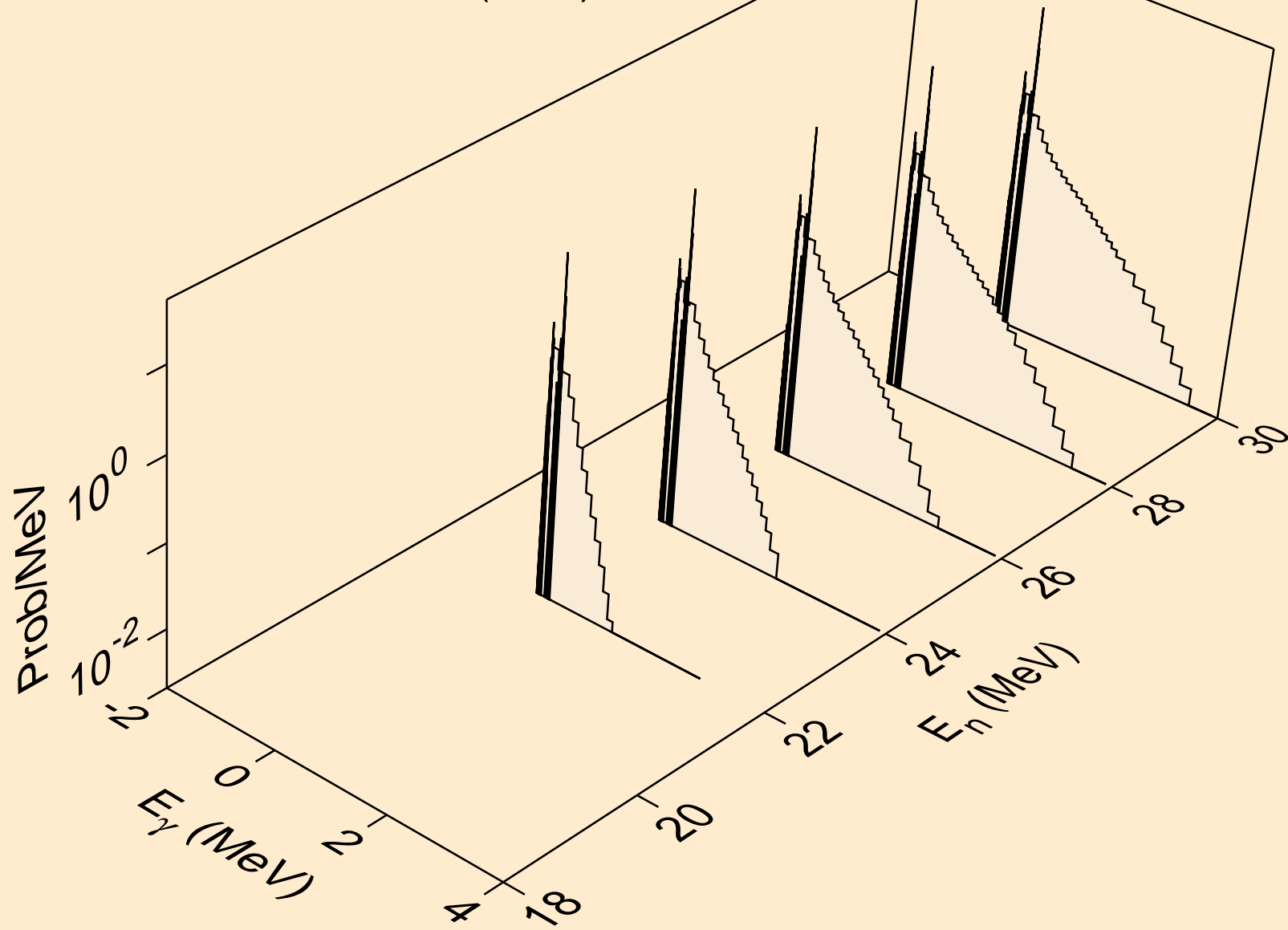
BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



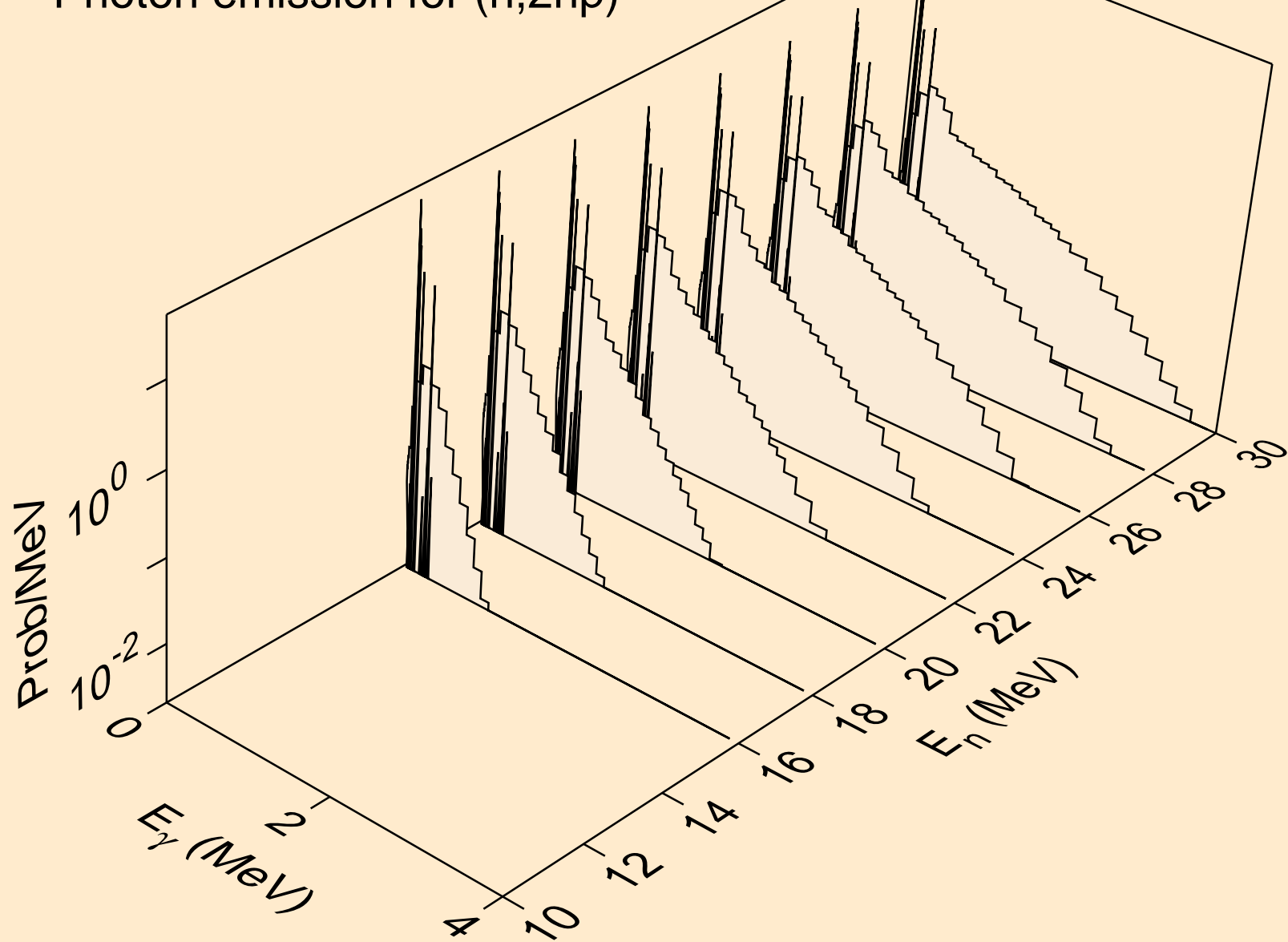
BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



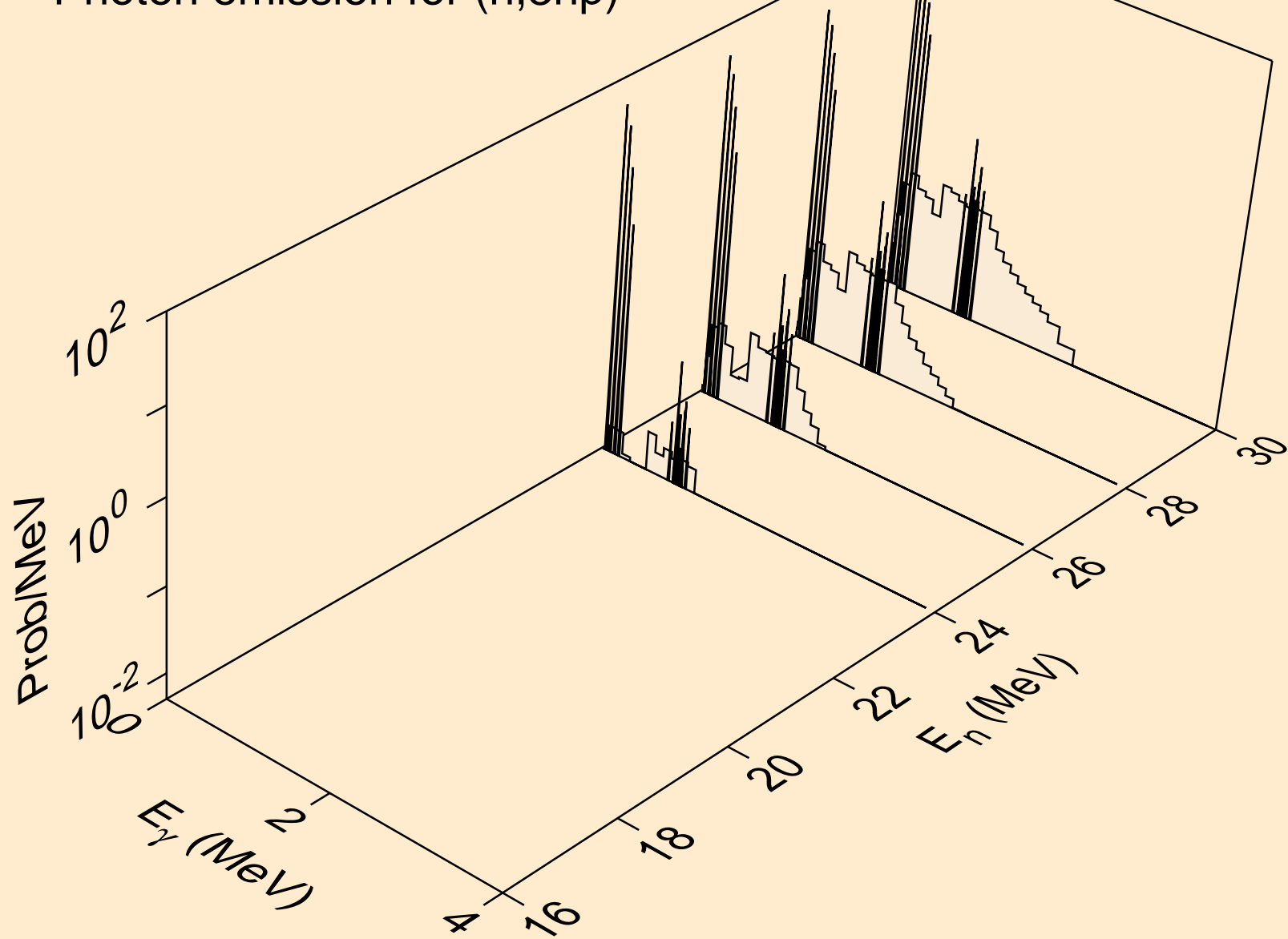
BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



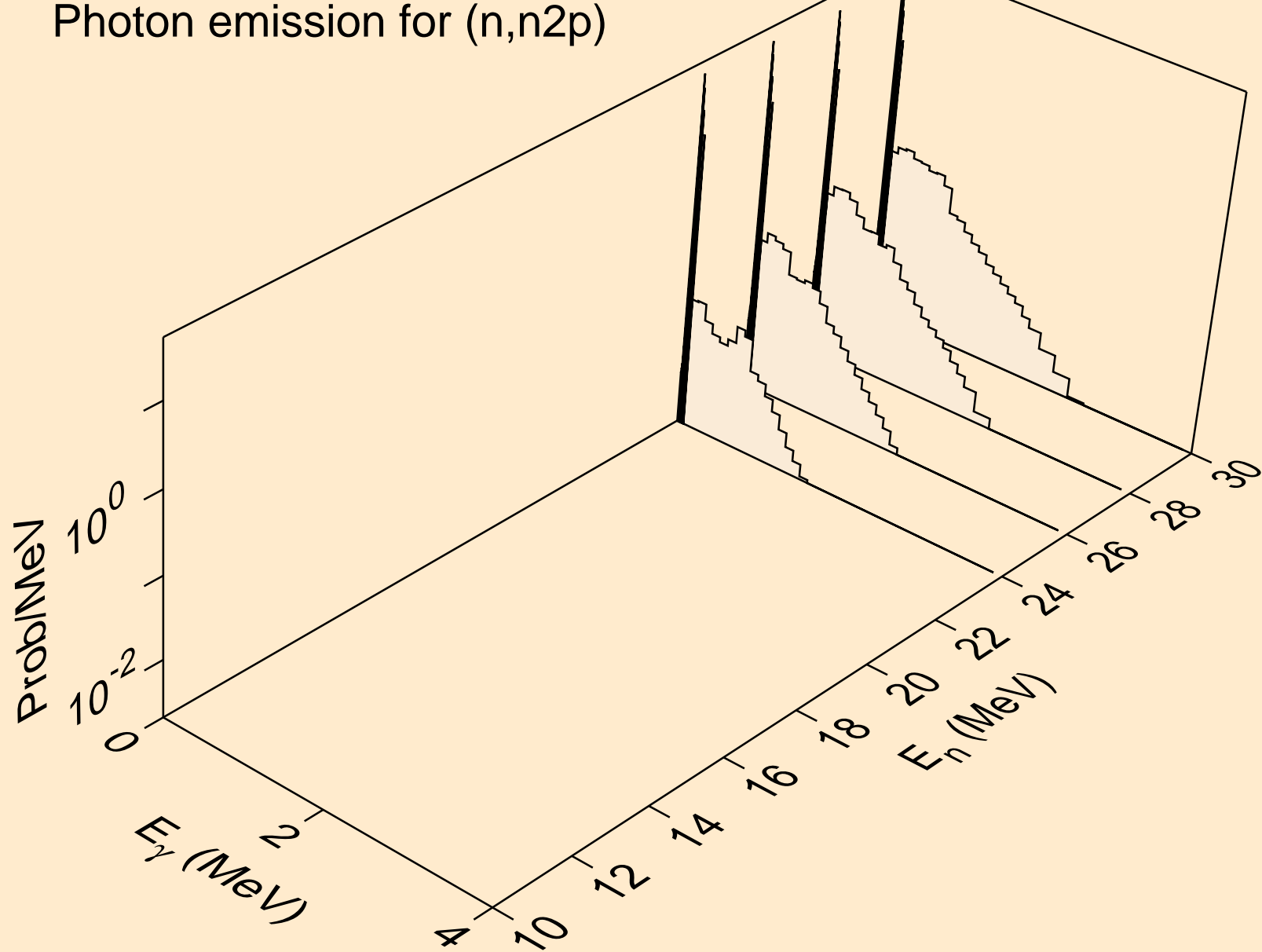
BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



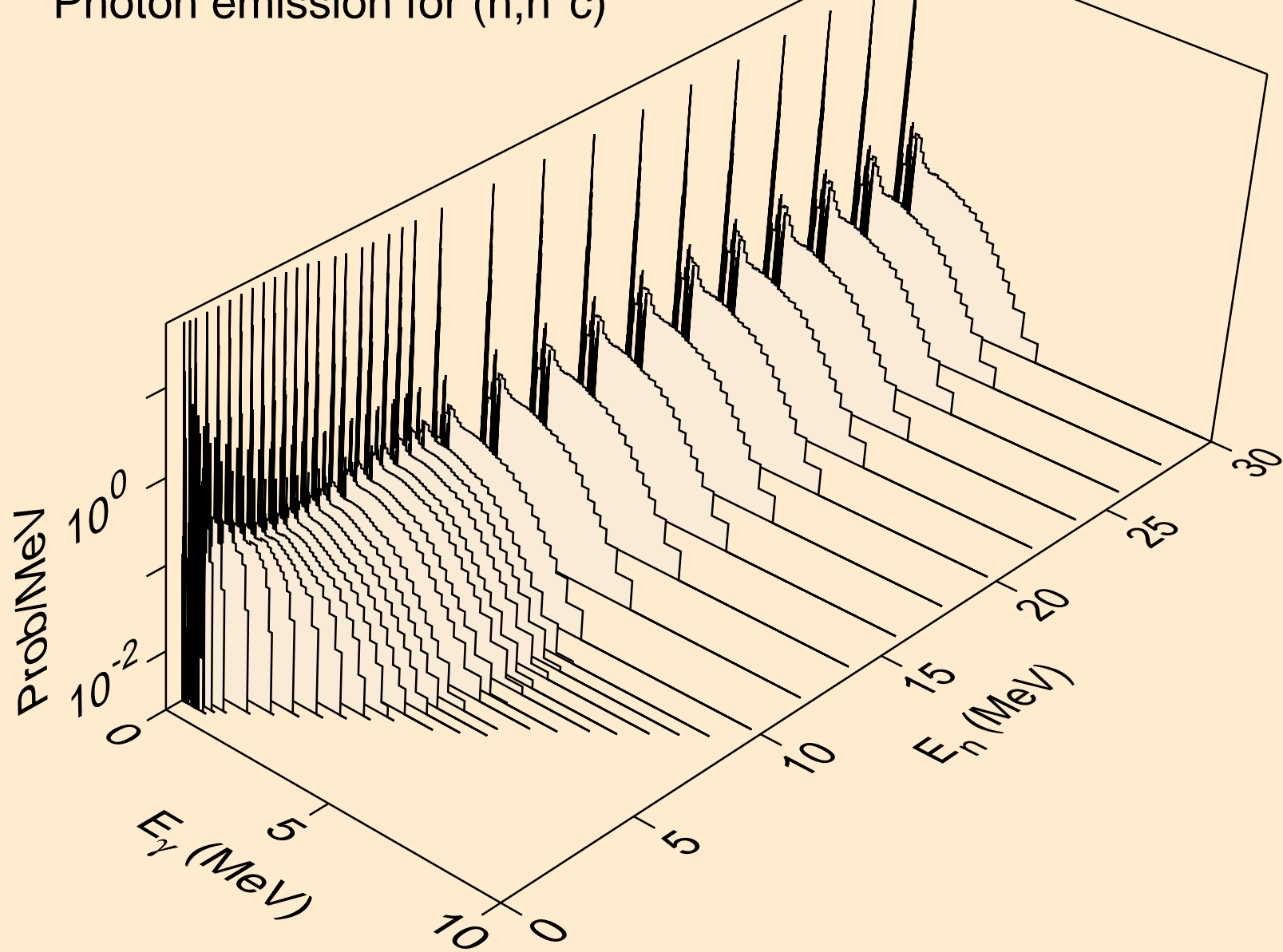
BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



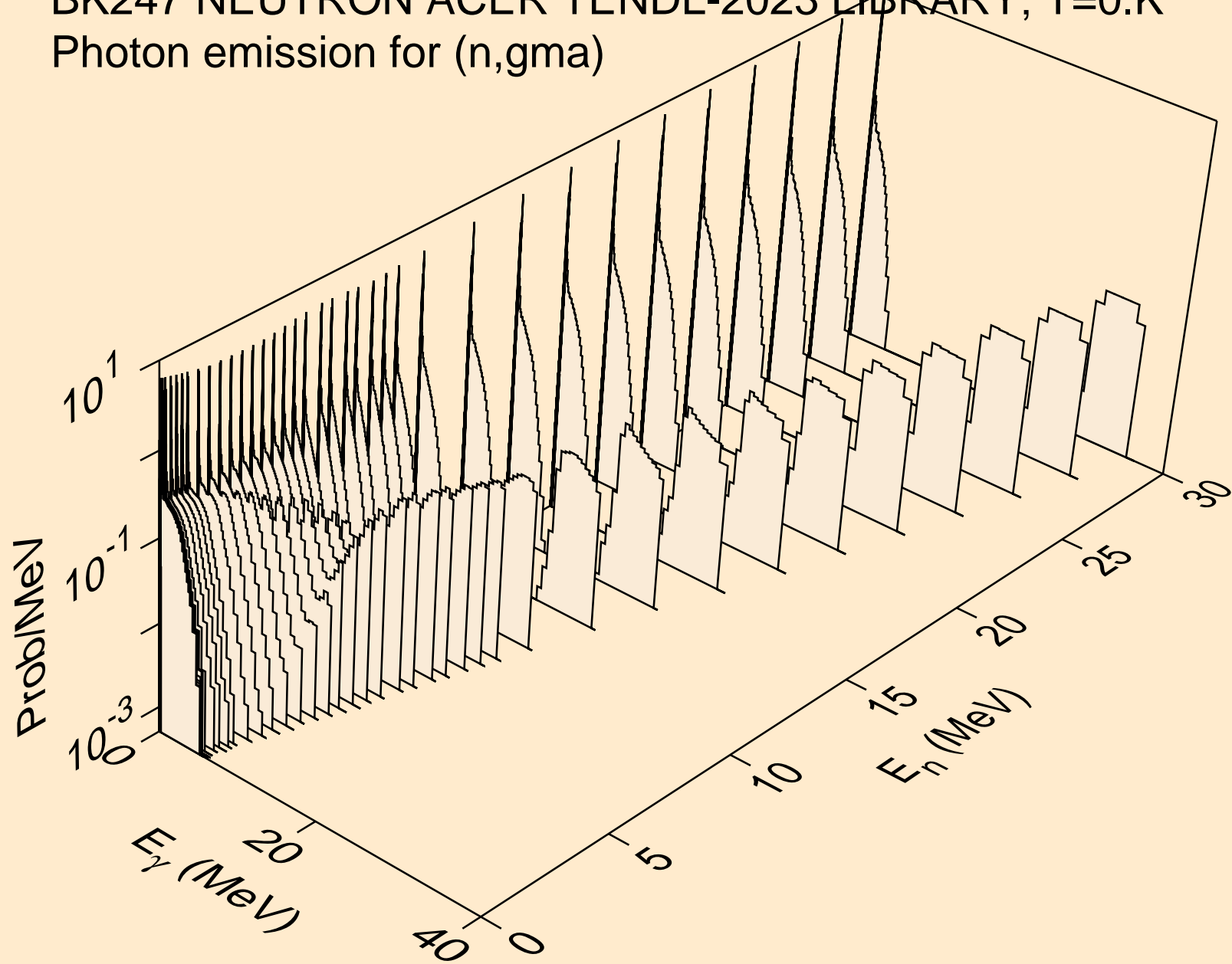
BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)

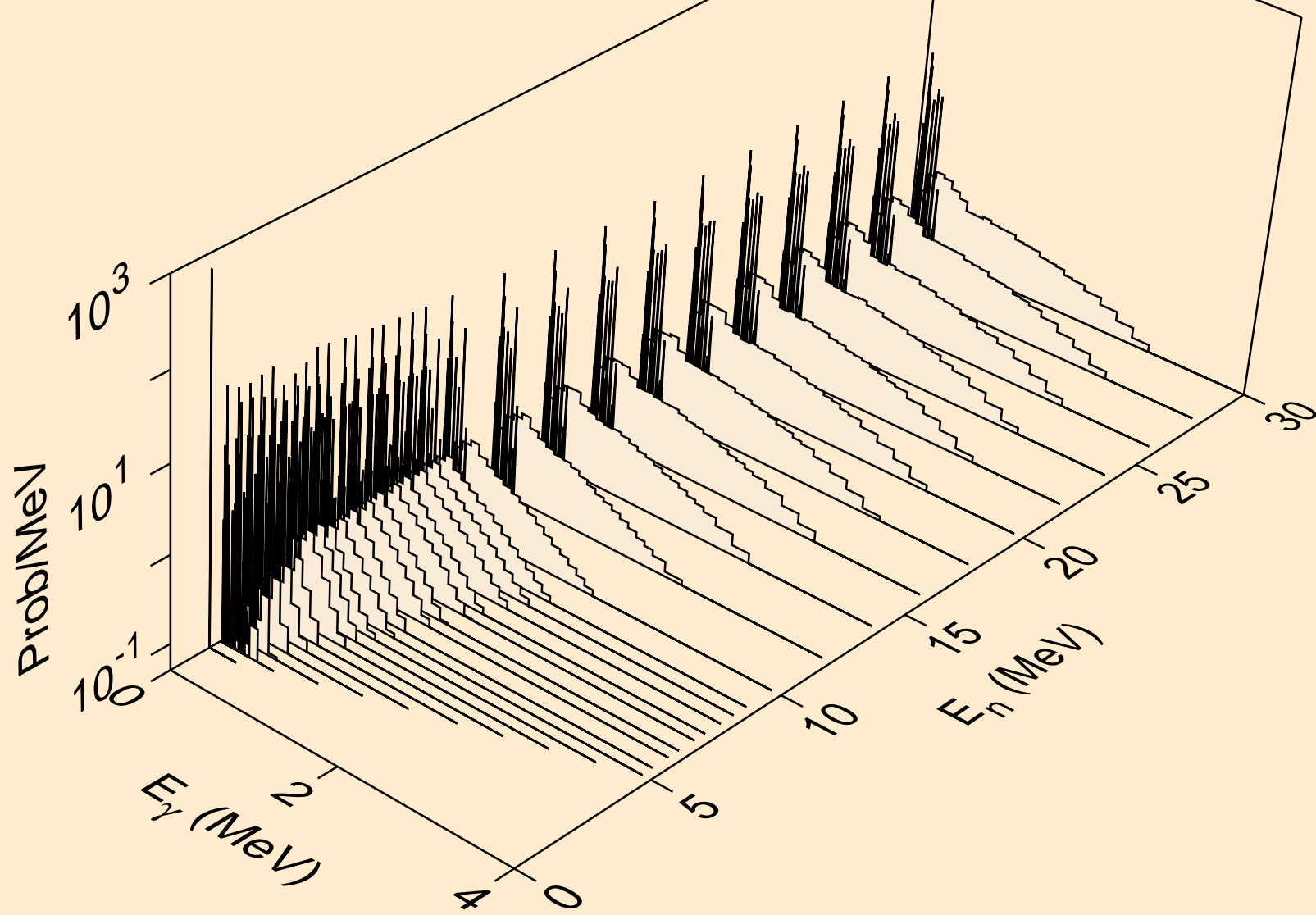


BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)

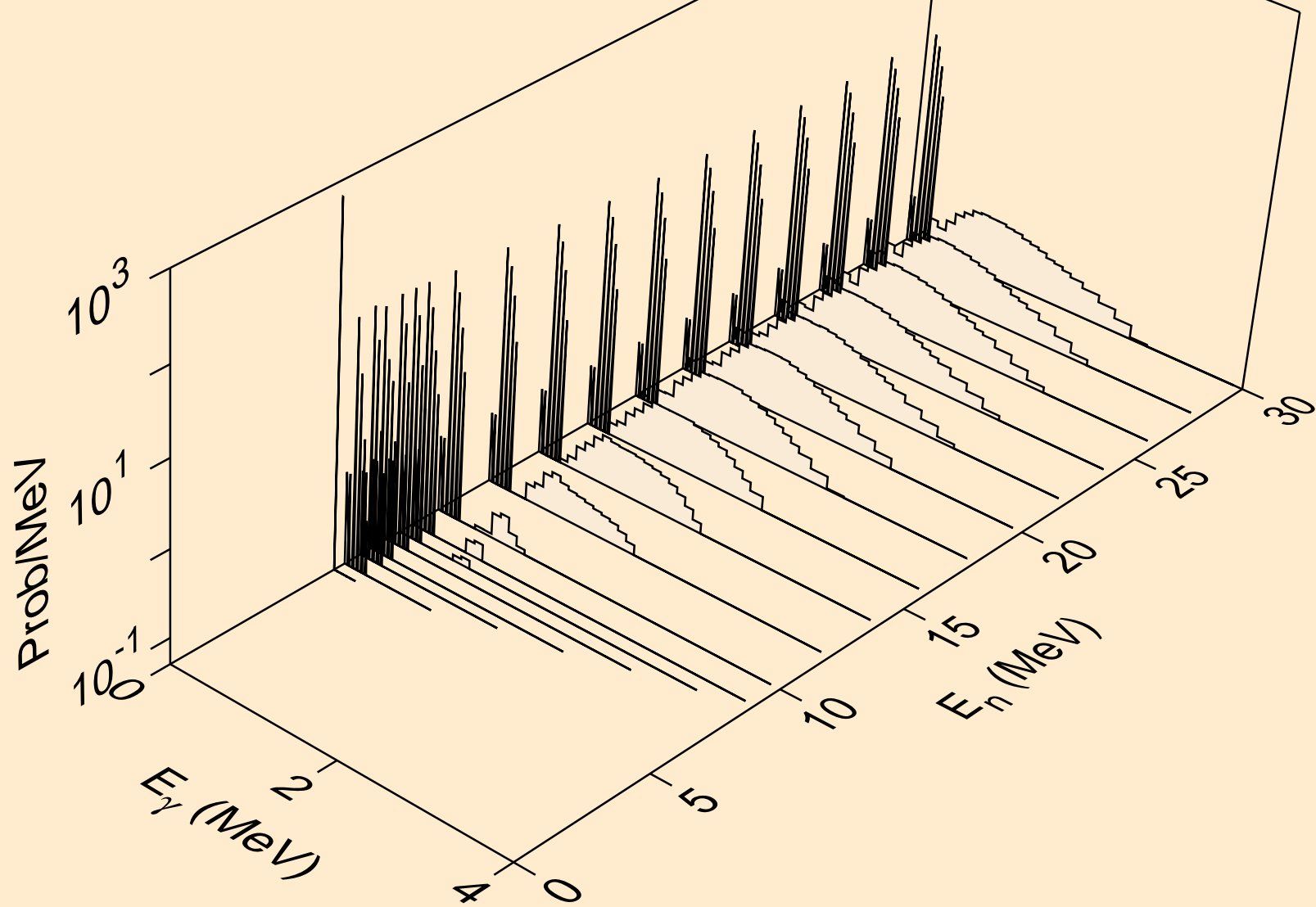




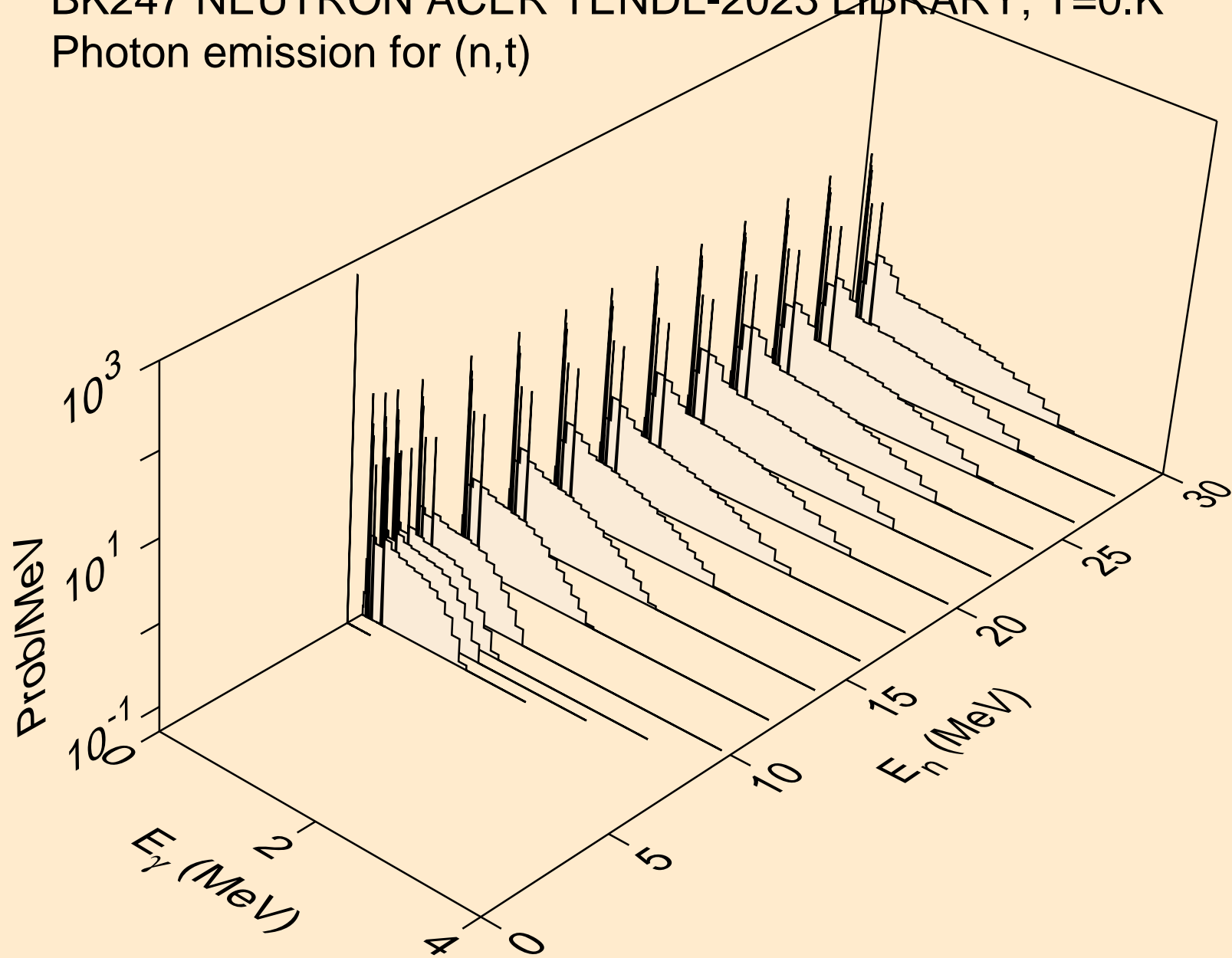
BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



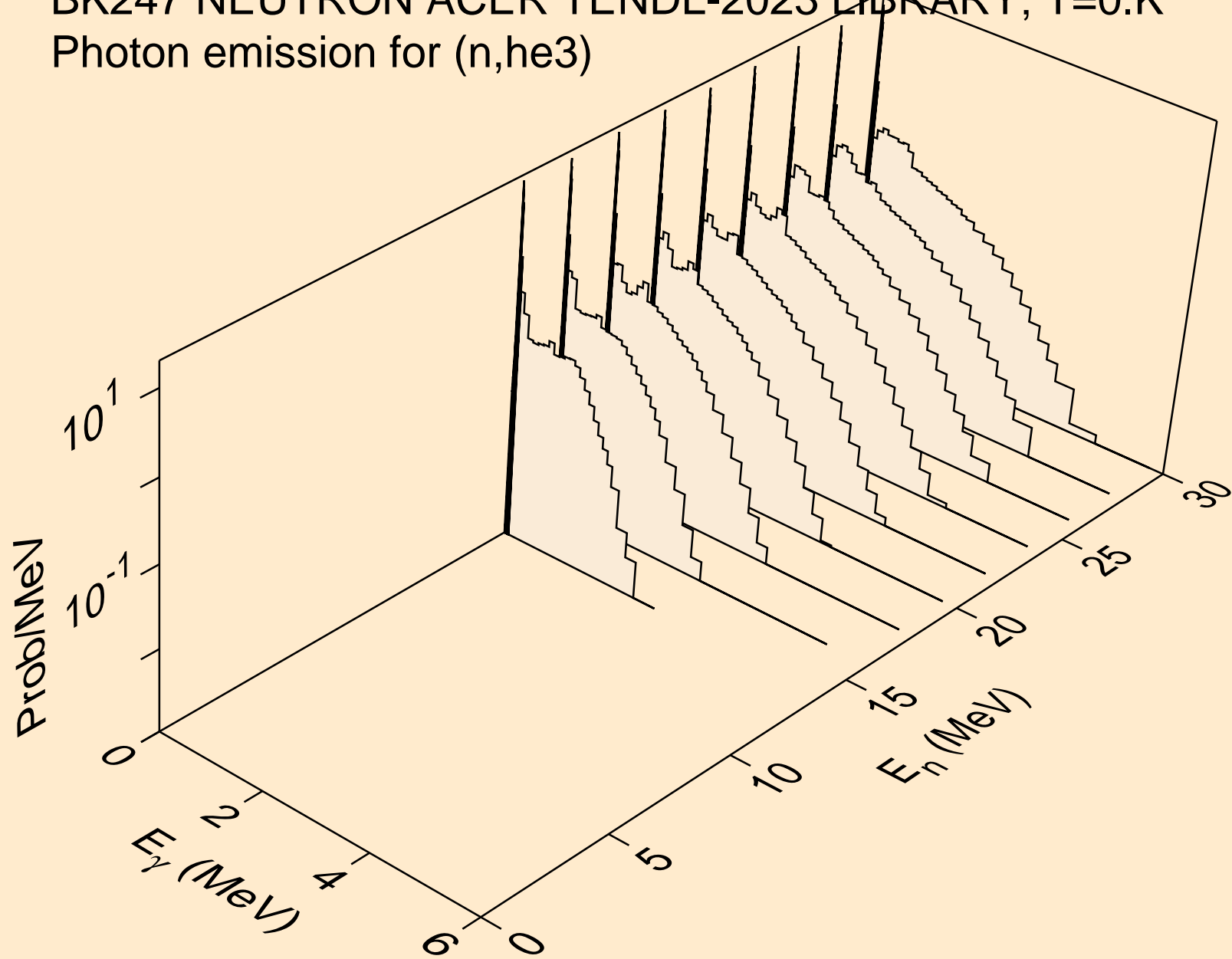
BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



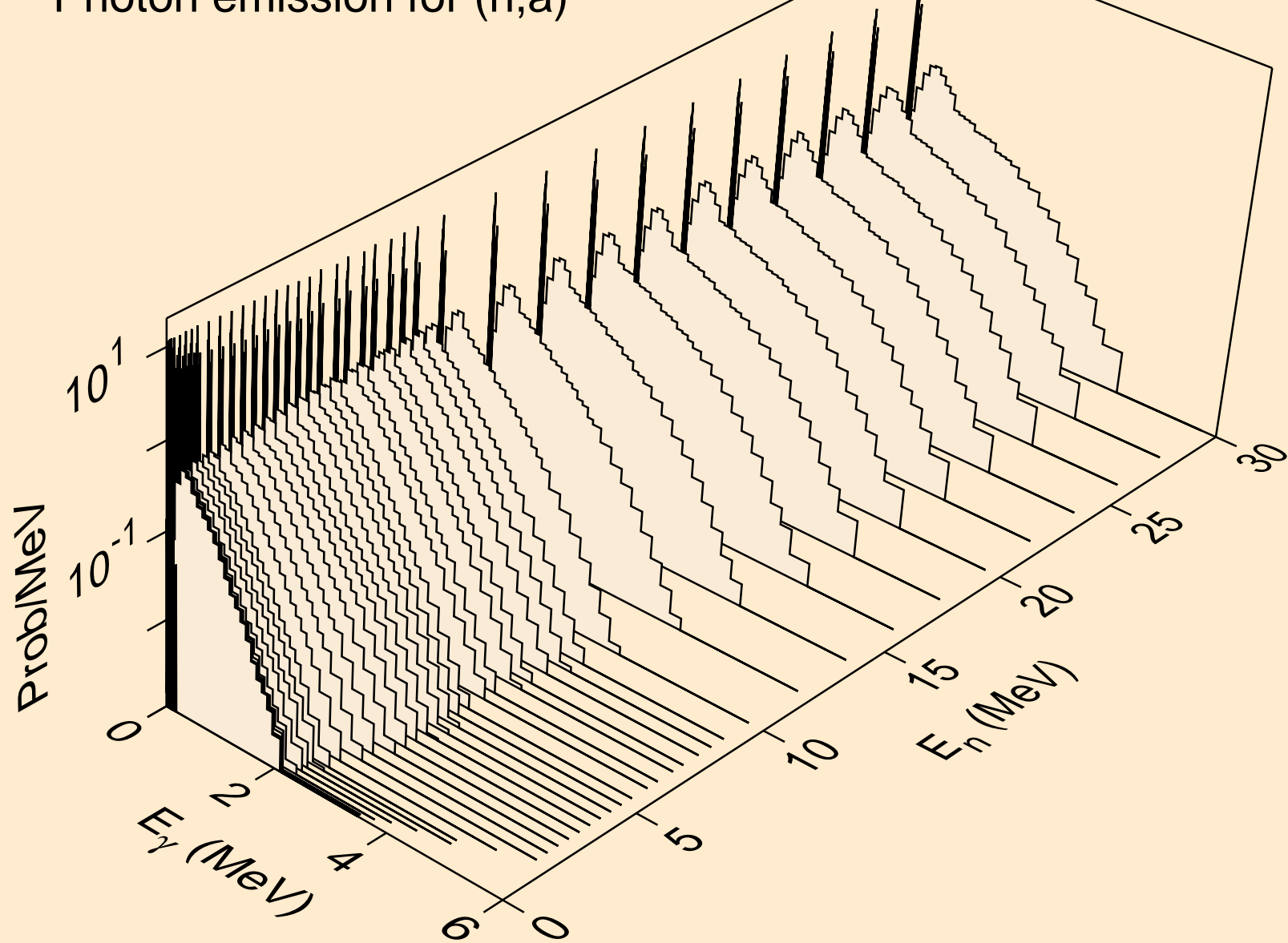
BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



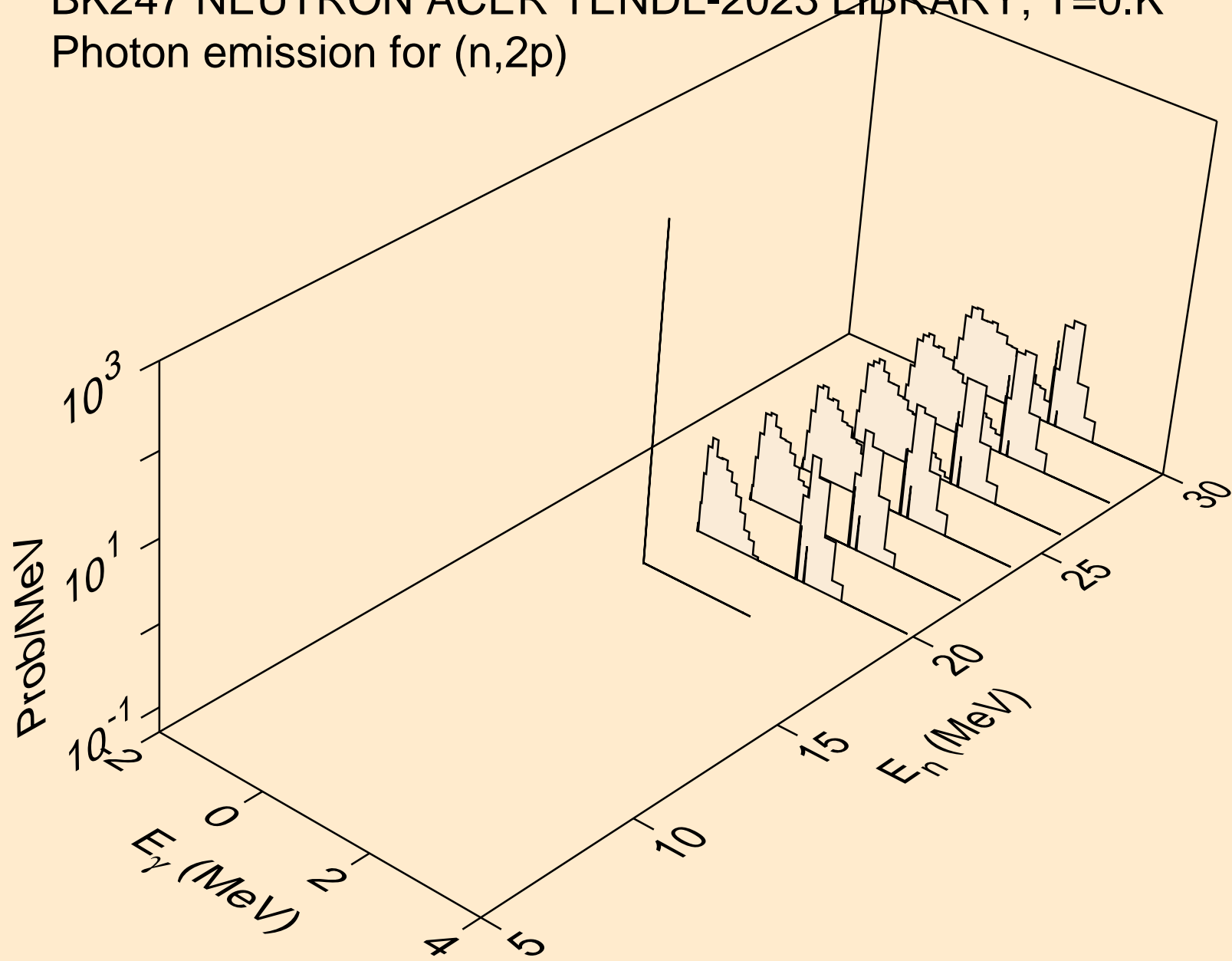
BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



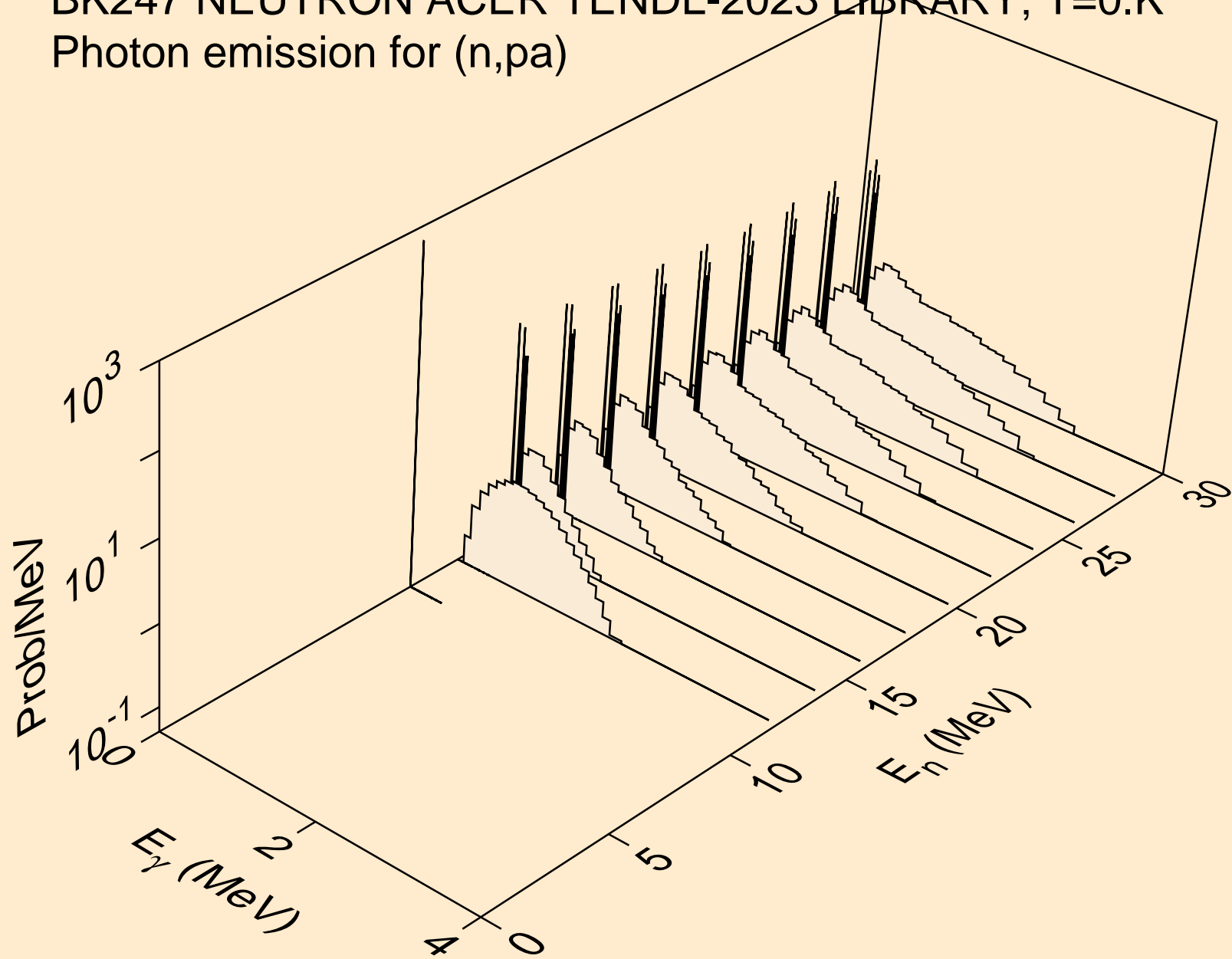
BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



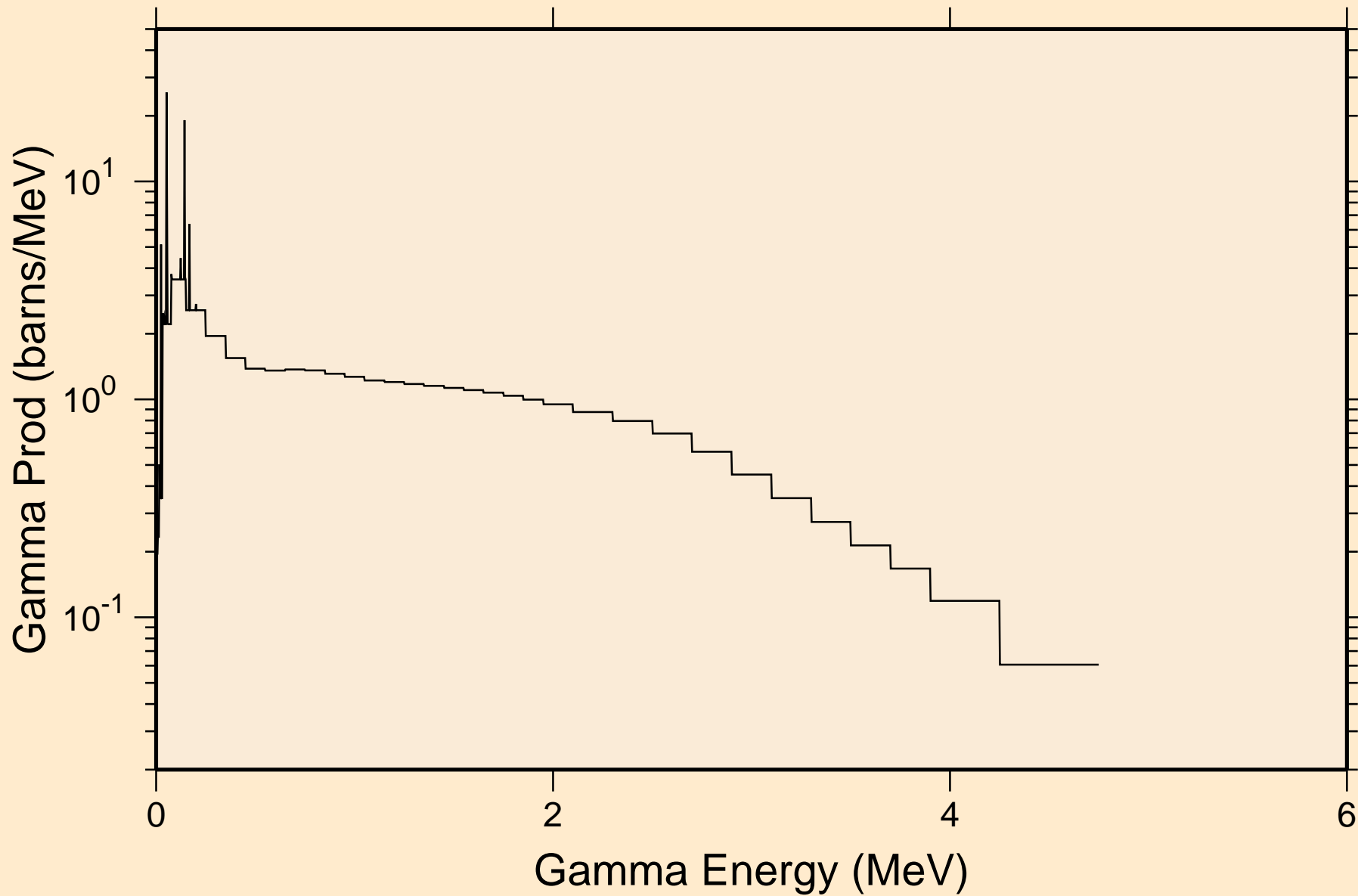
BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )

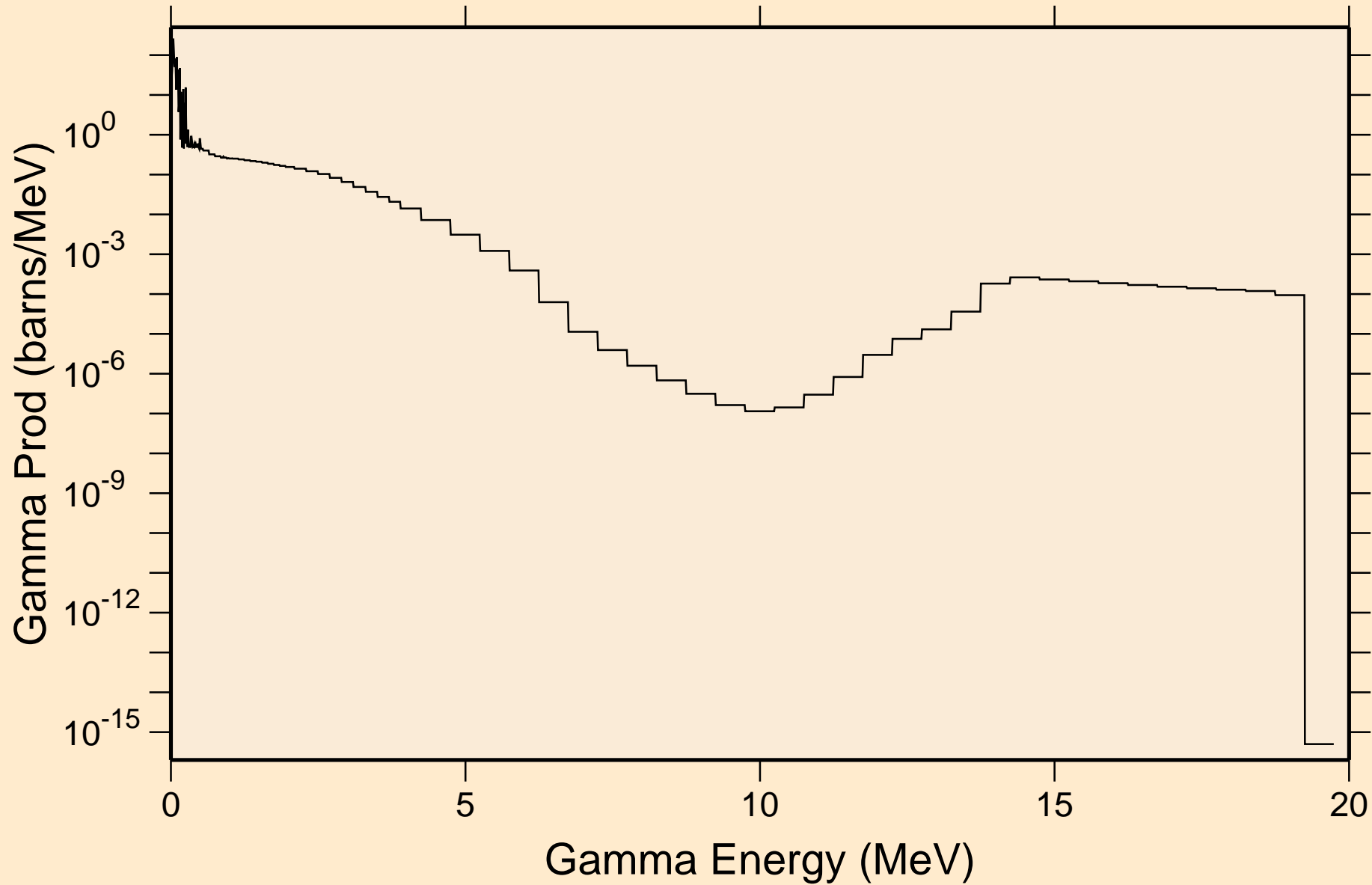


BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum



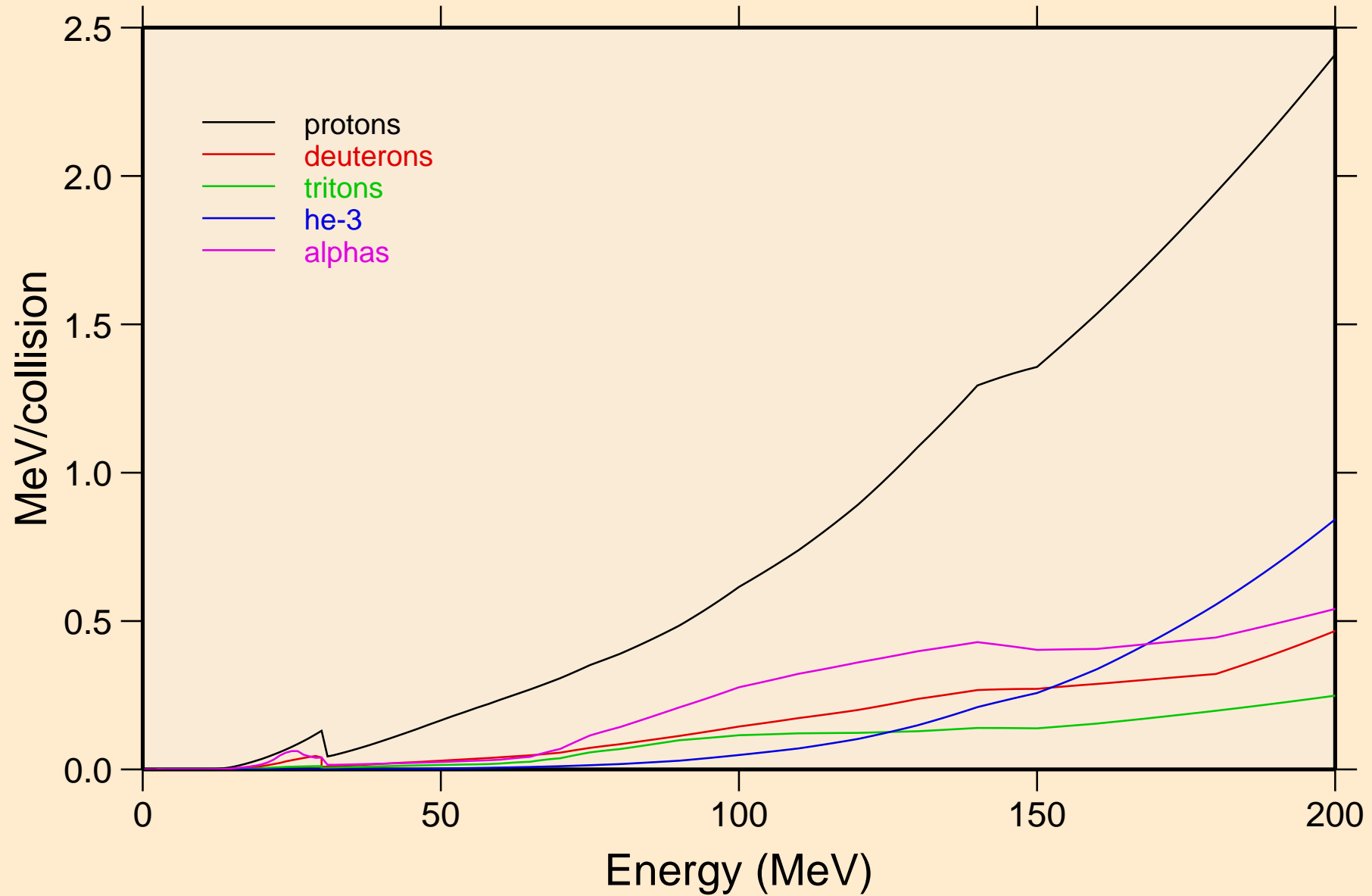


BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum

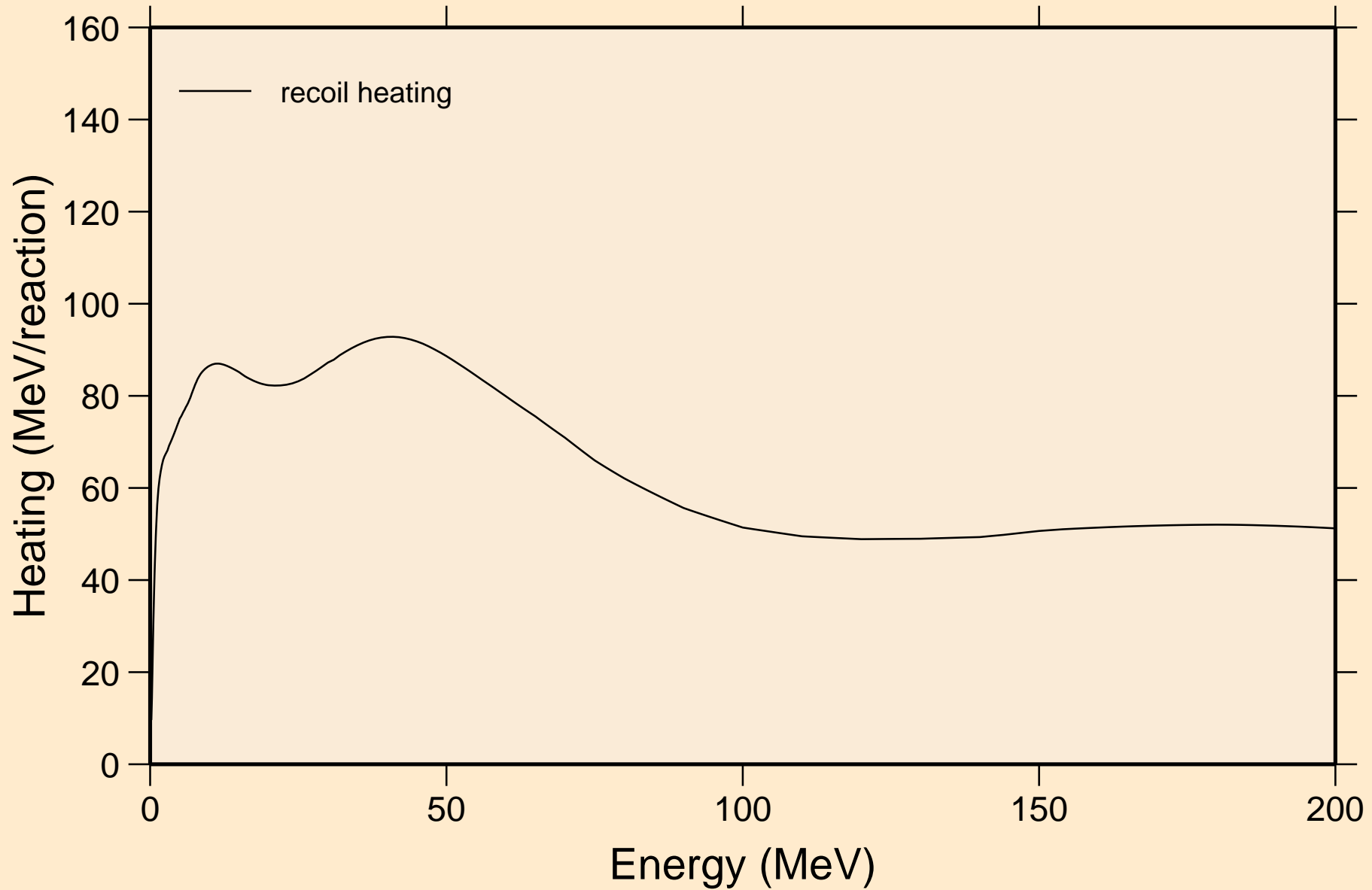


# BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions

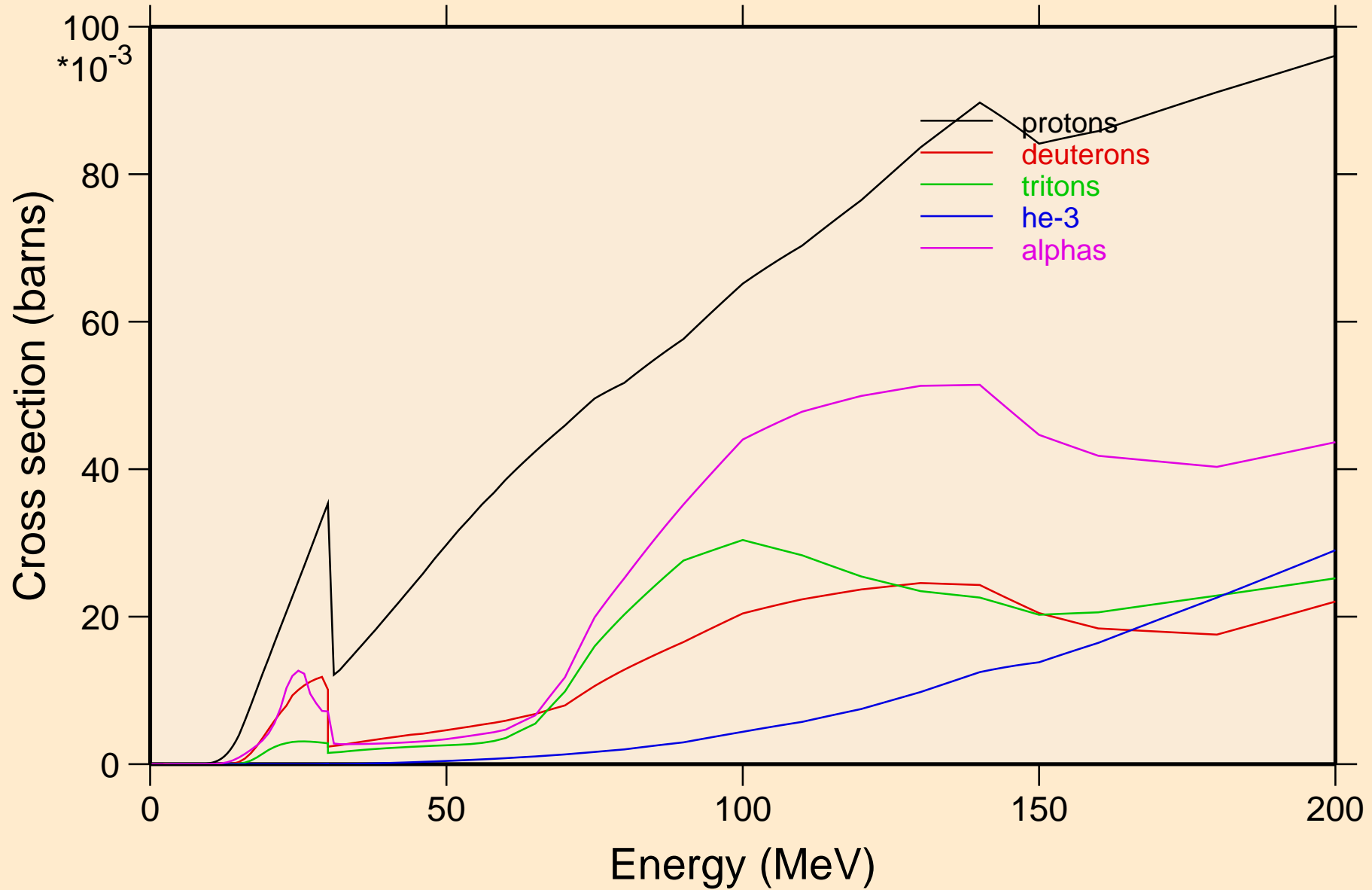


BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

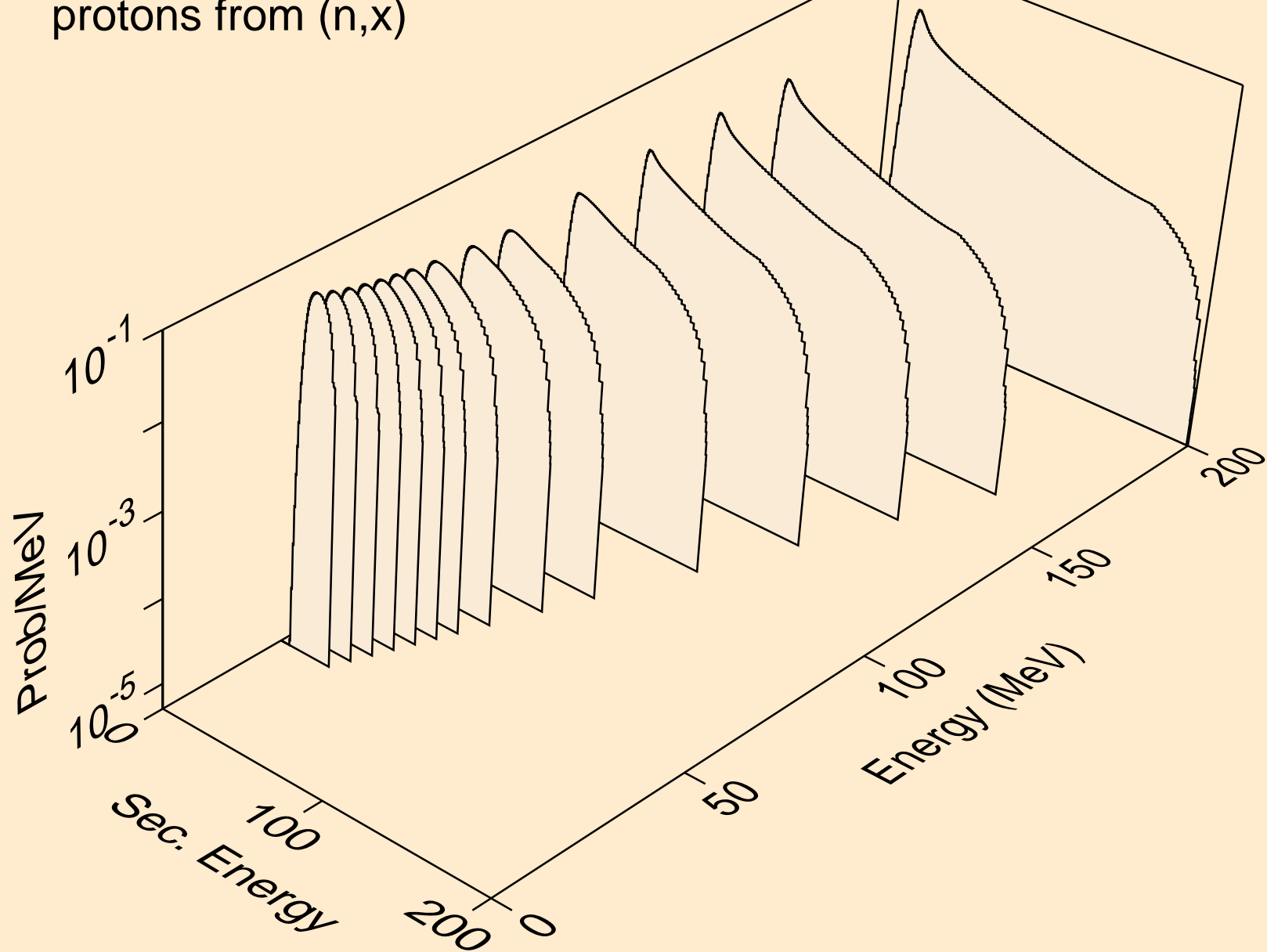


# BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

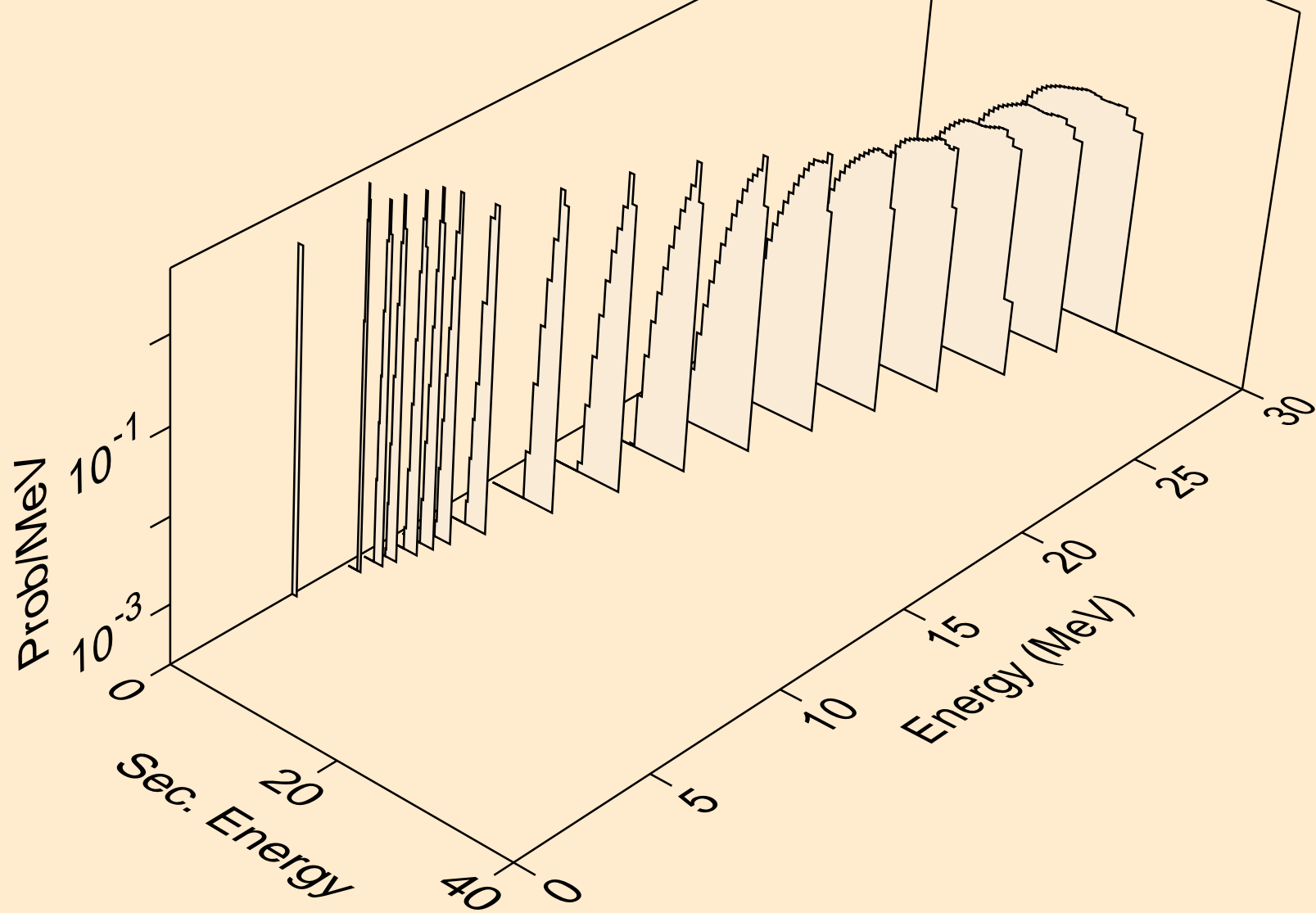
## Particle production cross sections



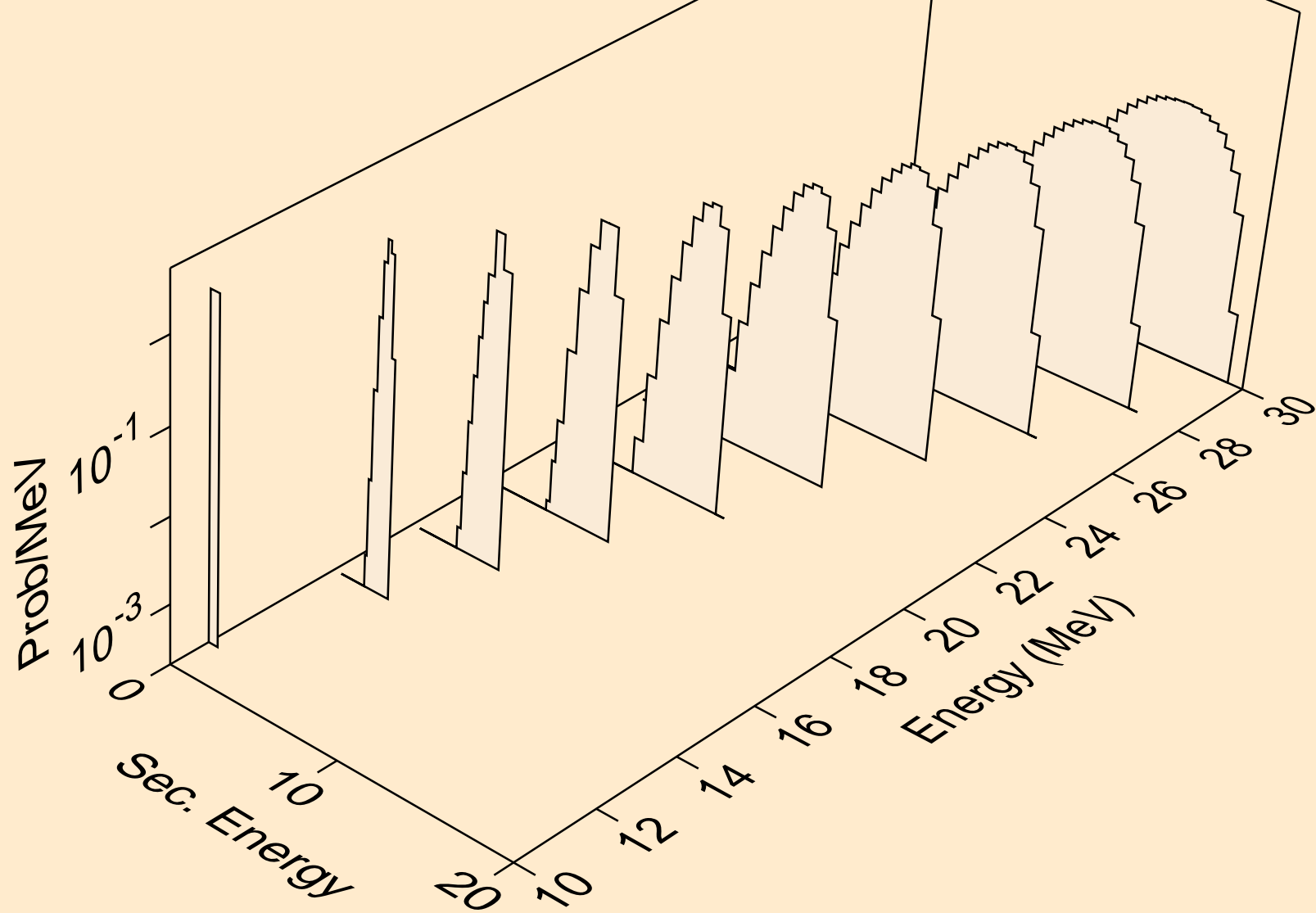
BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



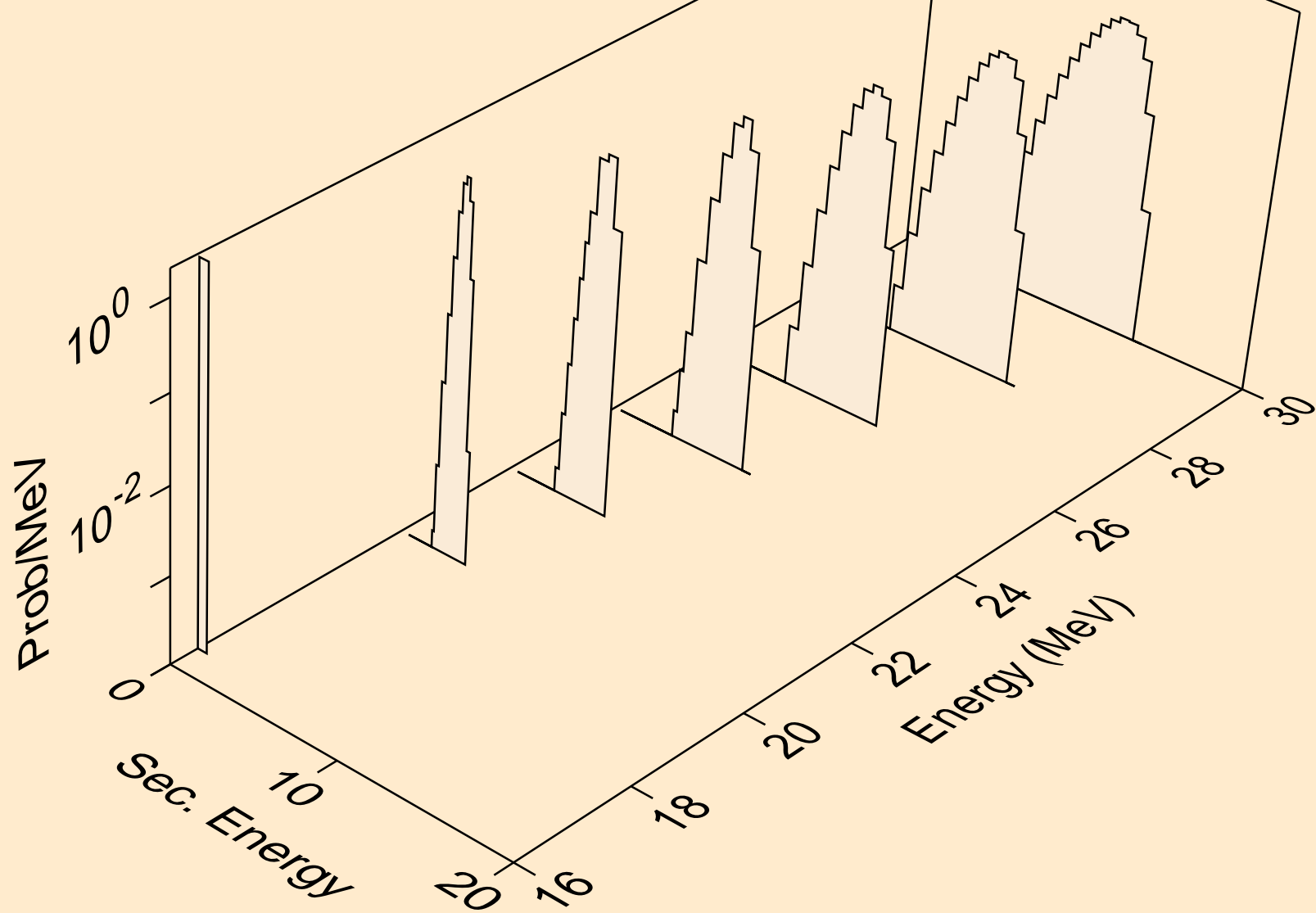
BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p



BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2np)

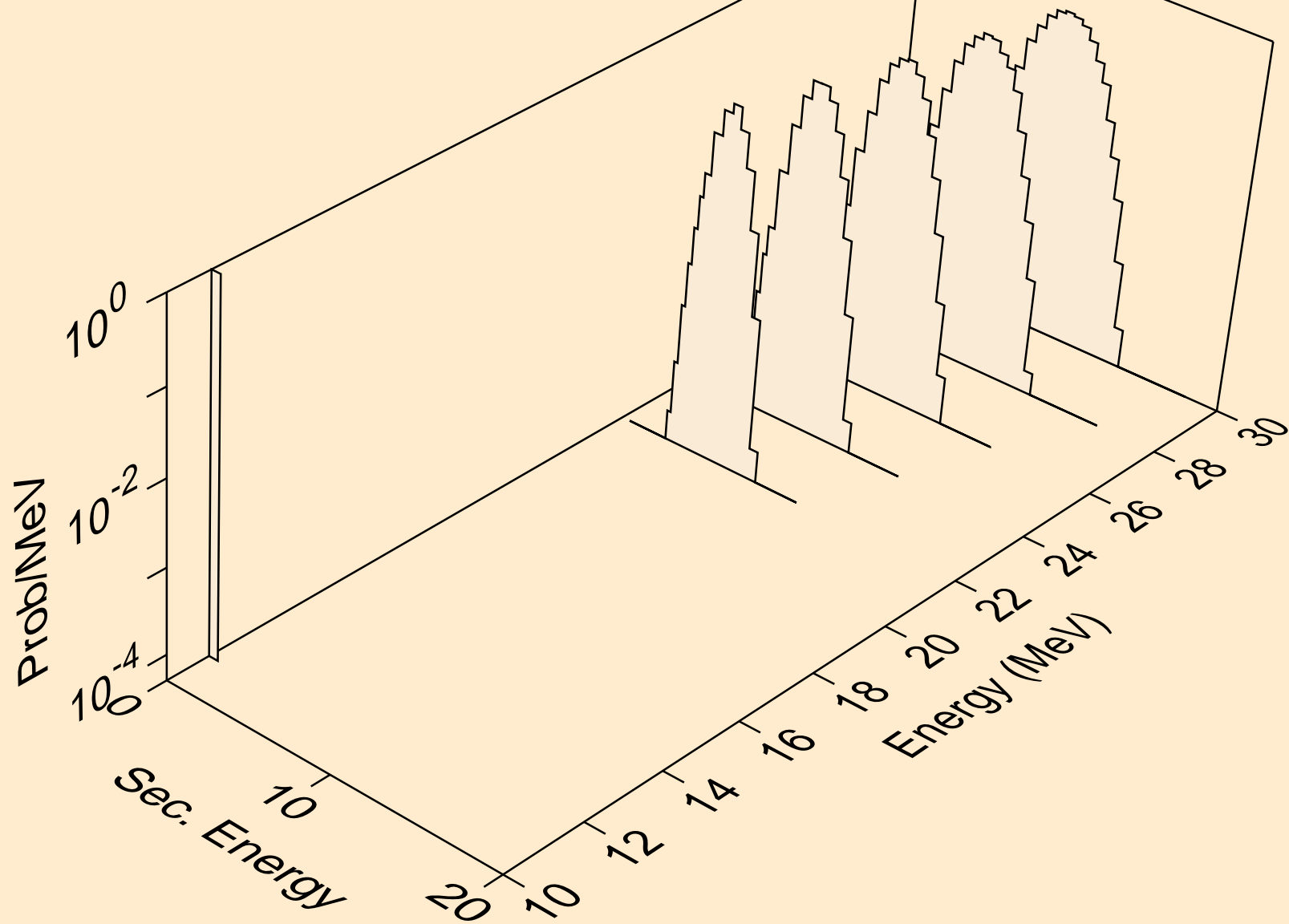


BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,3np)

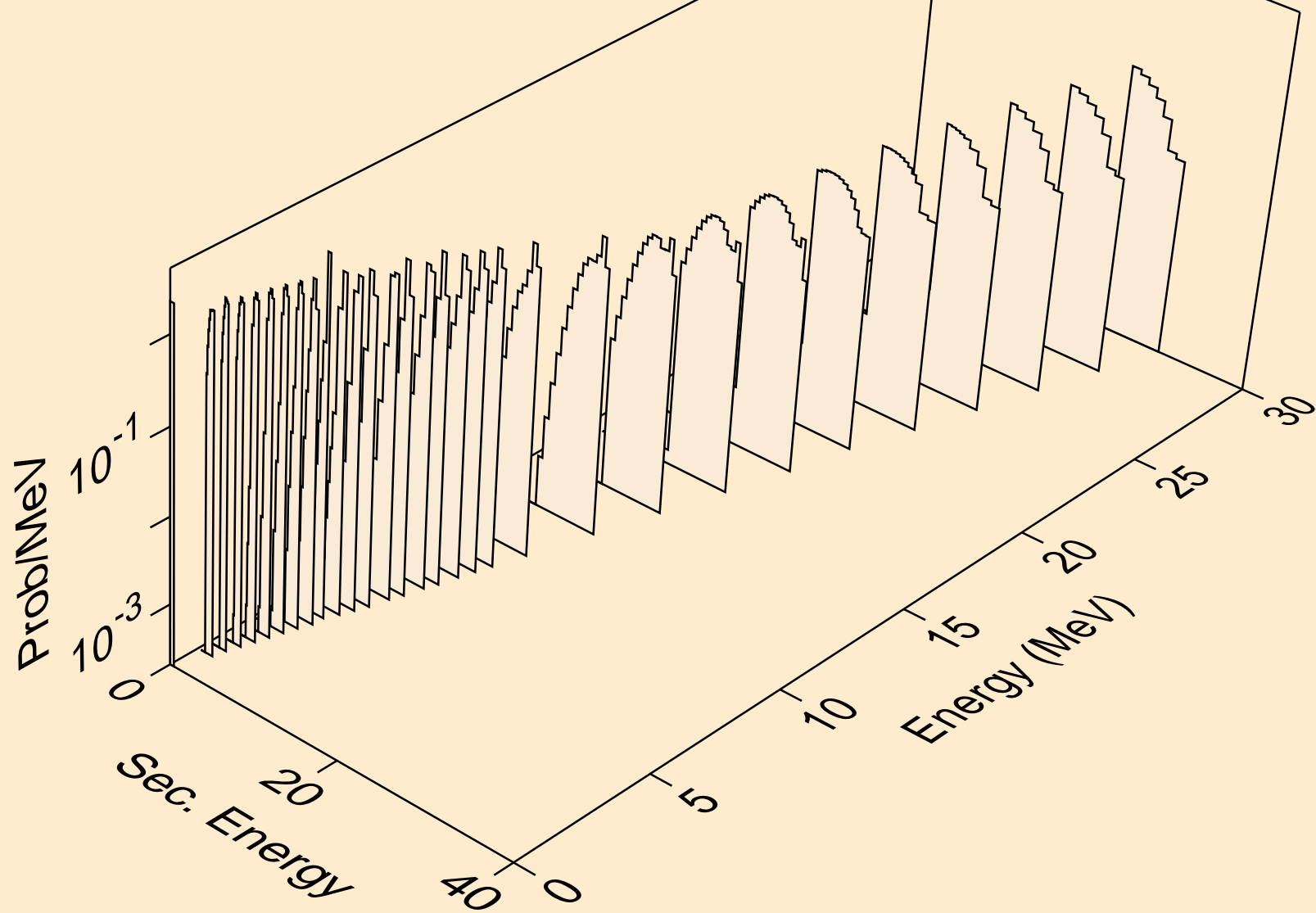




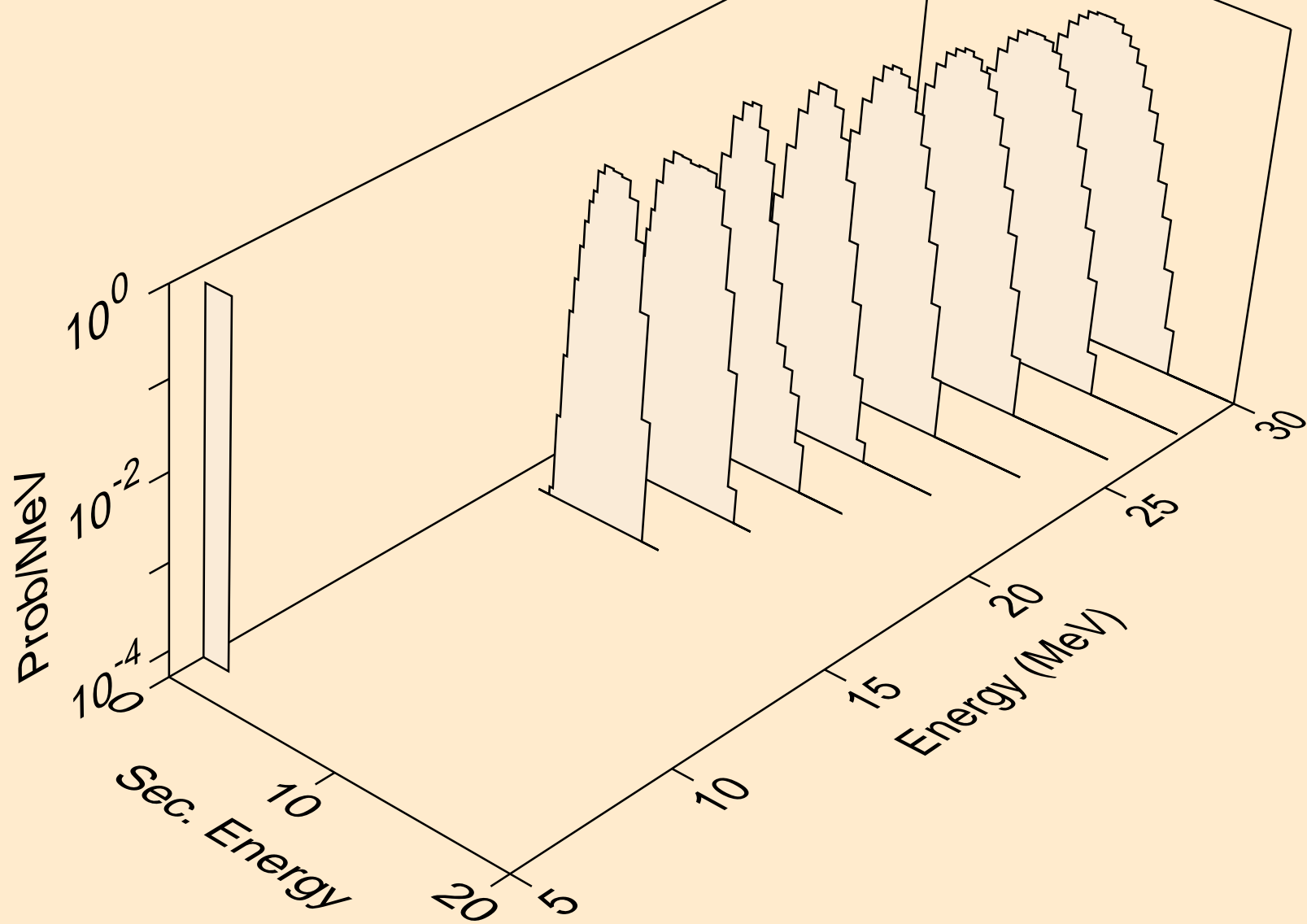
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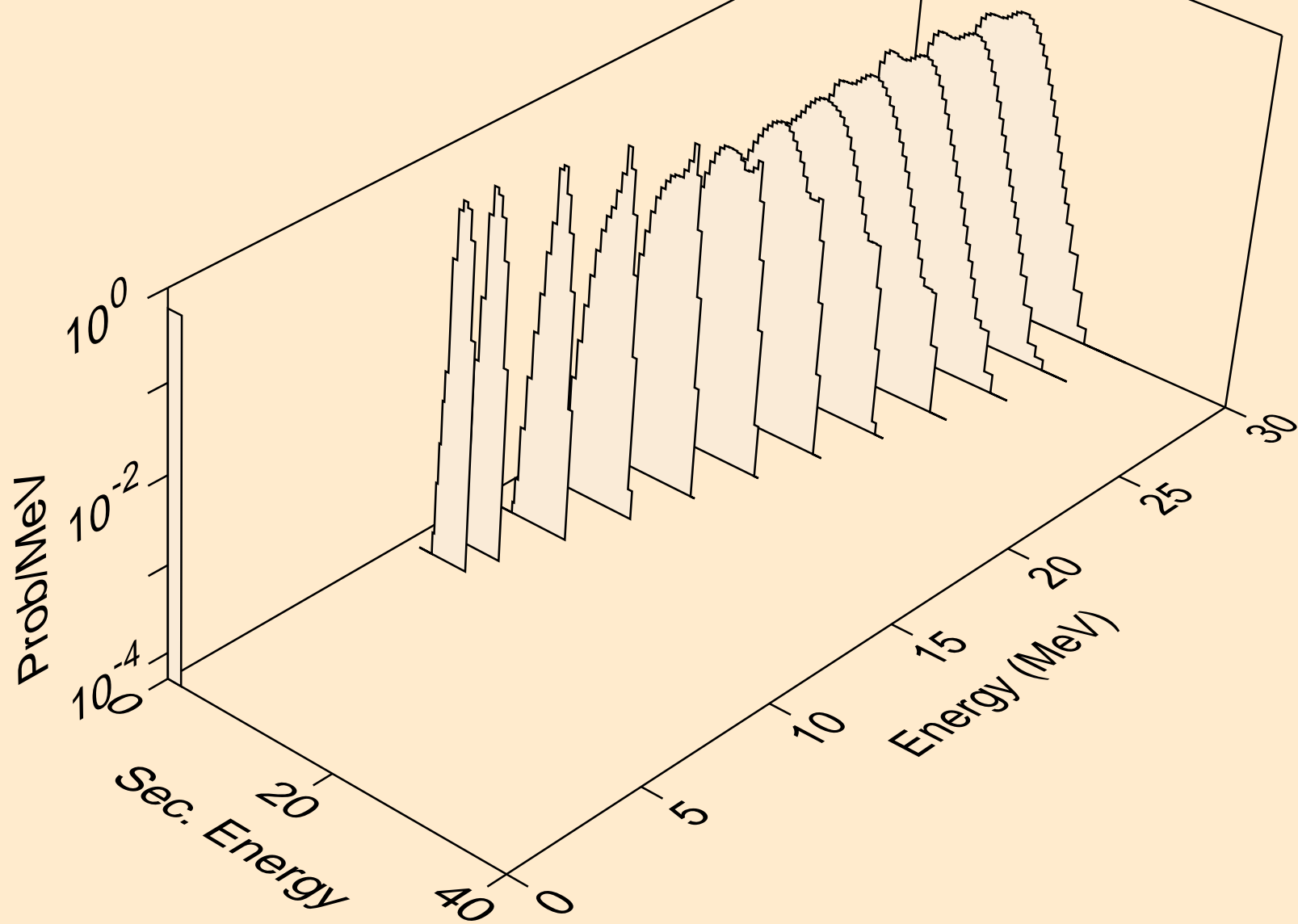
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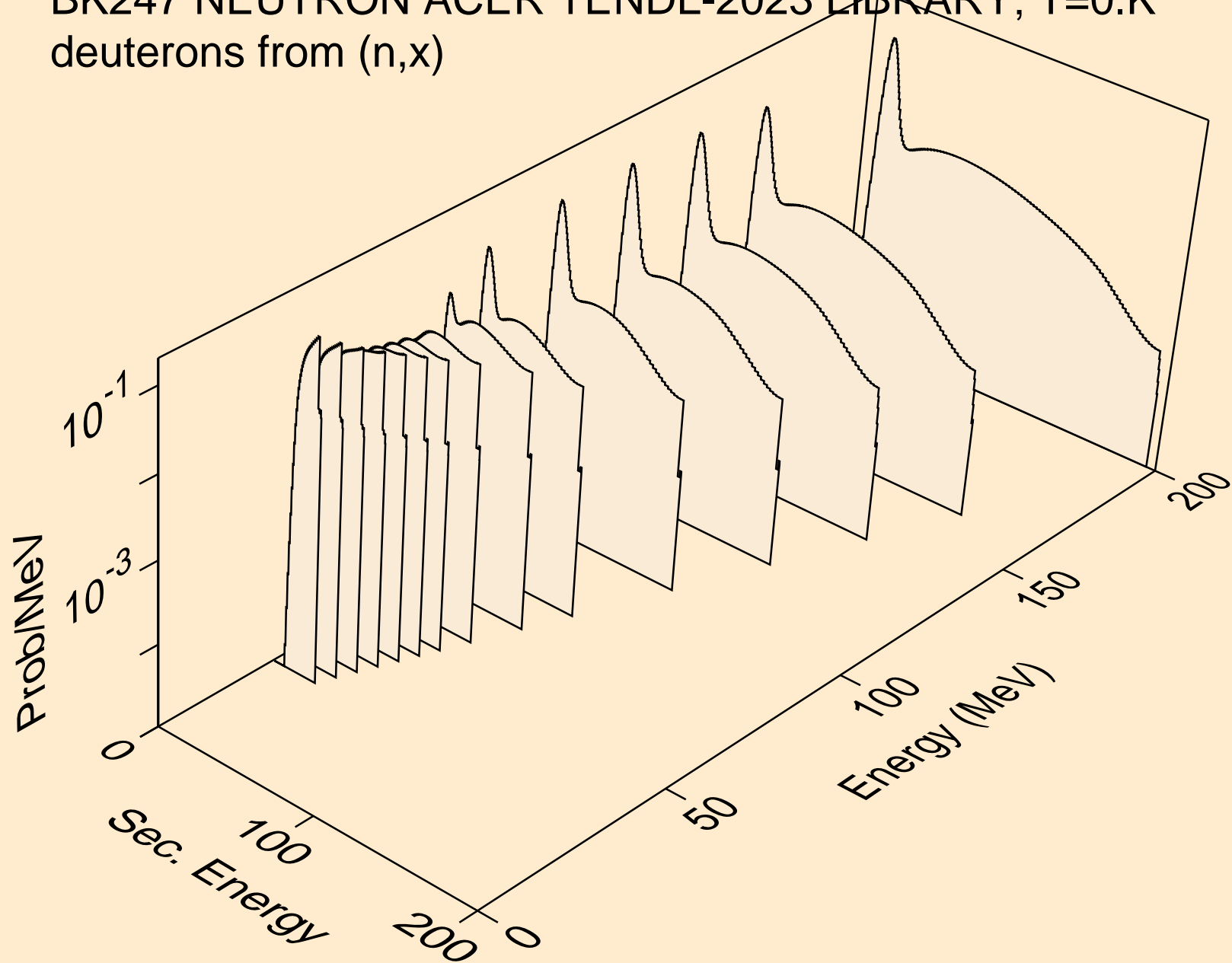
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protons from (n,2p)



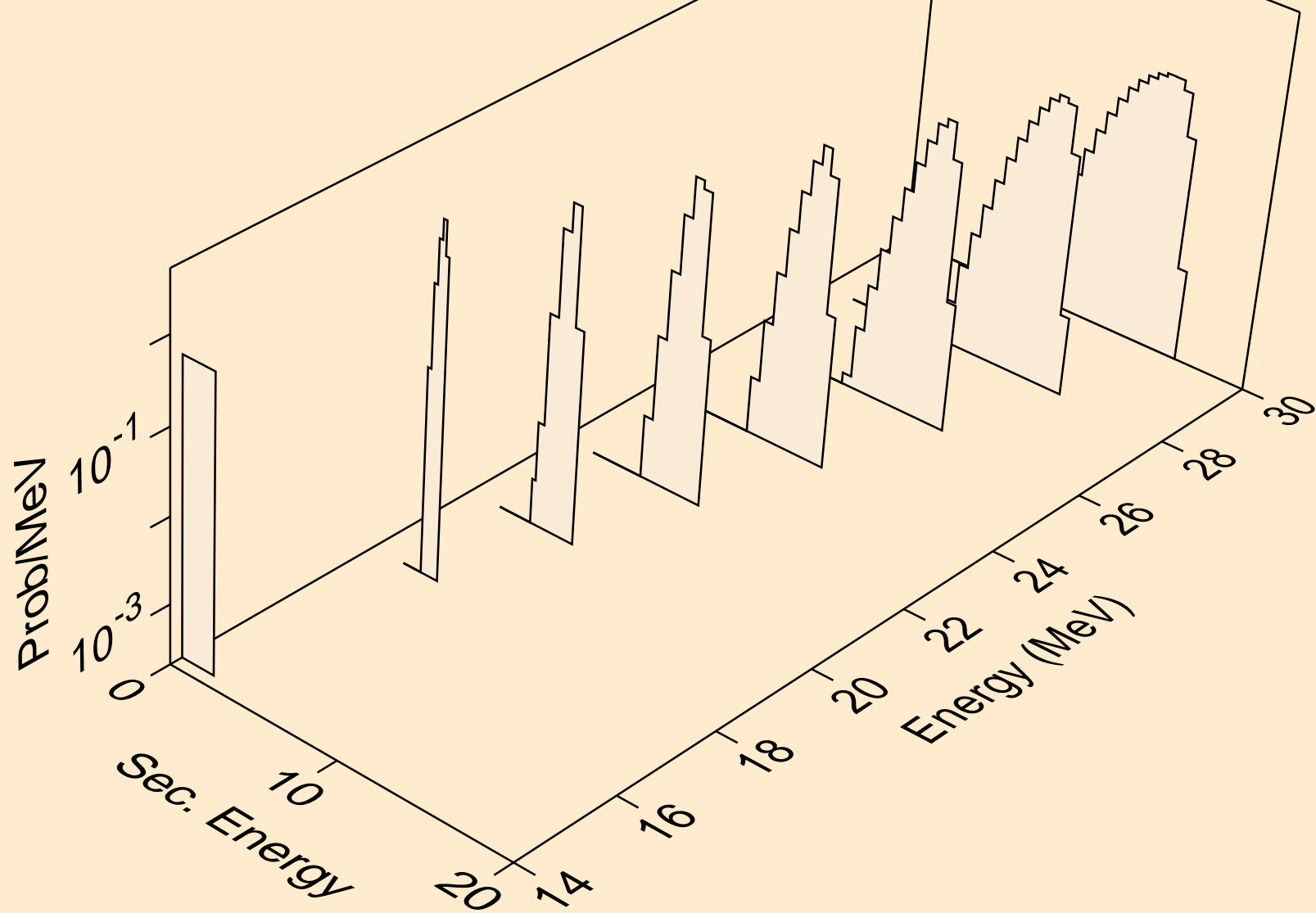
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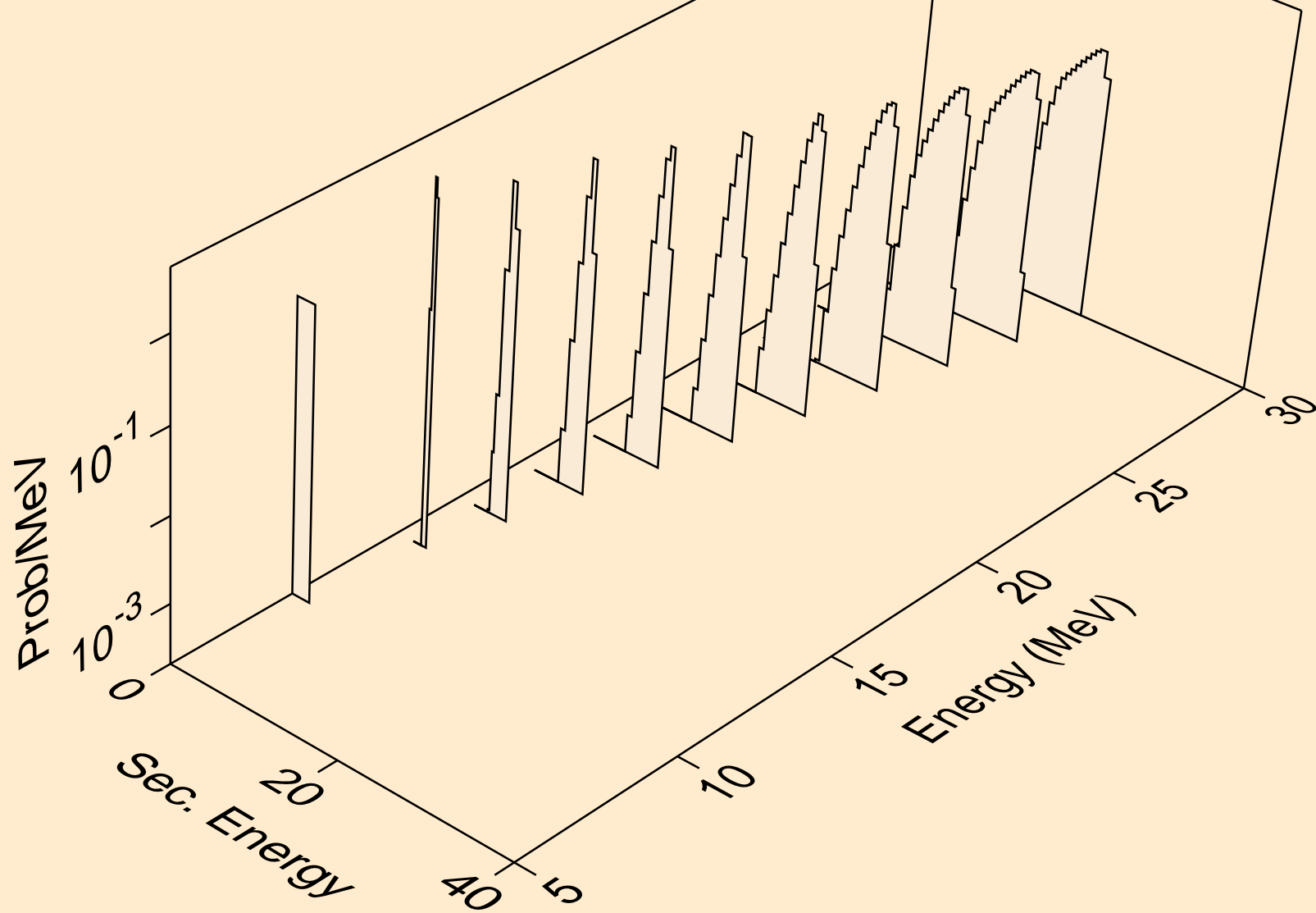
BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,x)



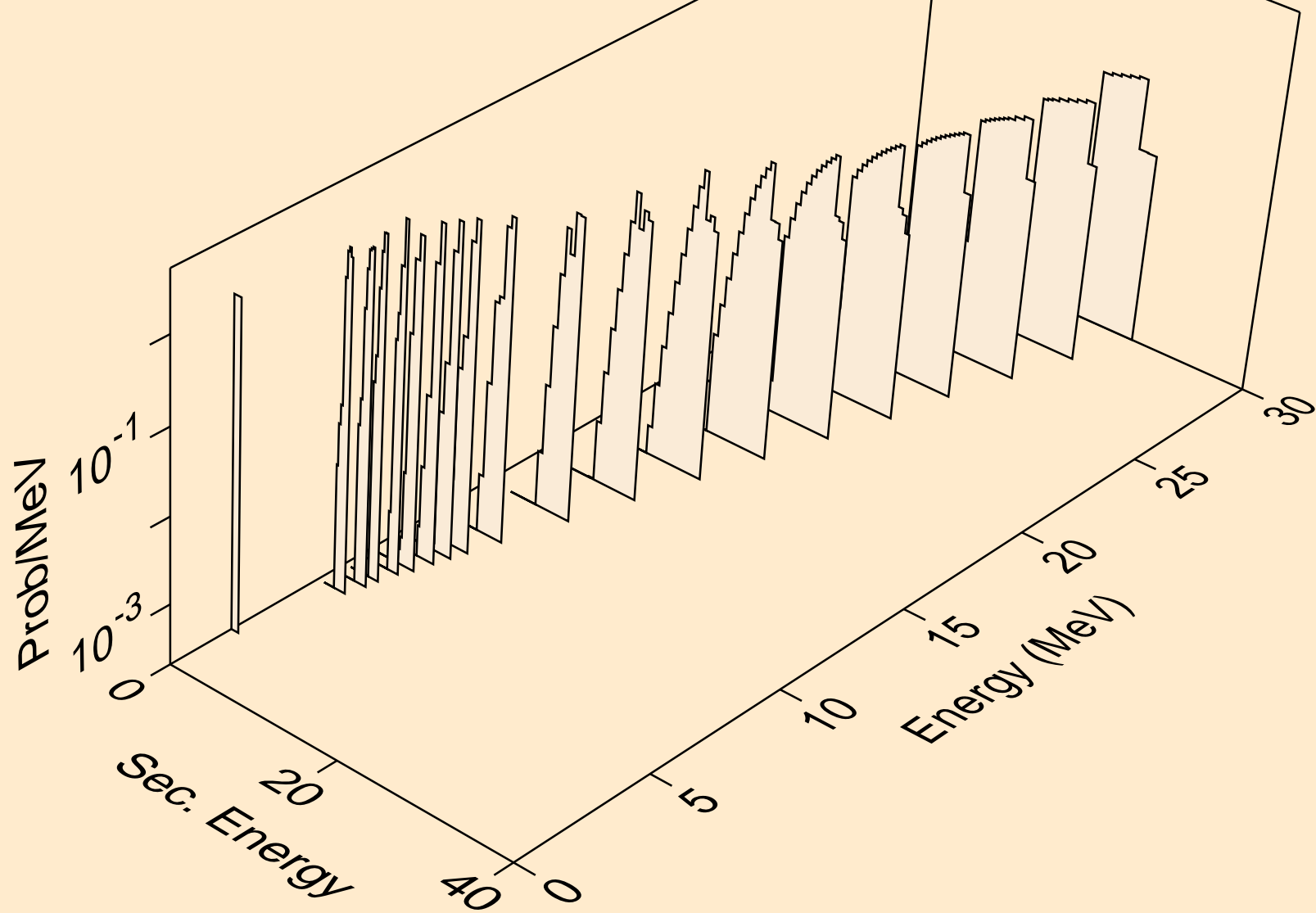
BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,2nd)



BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,n\*)d

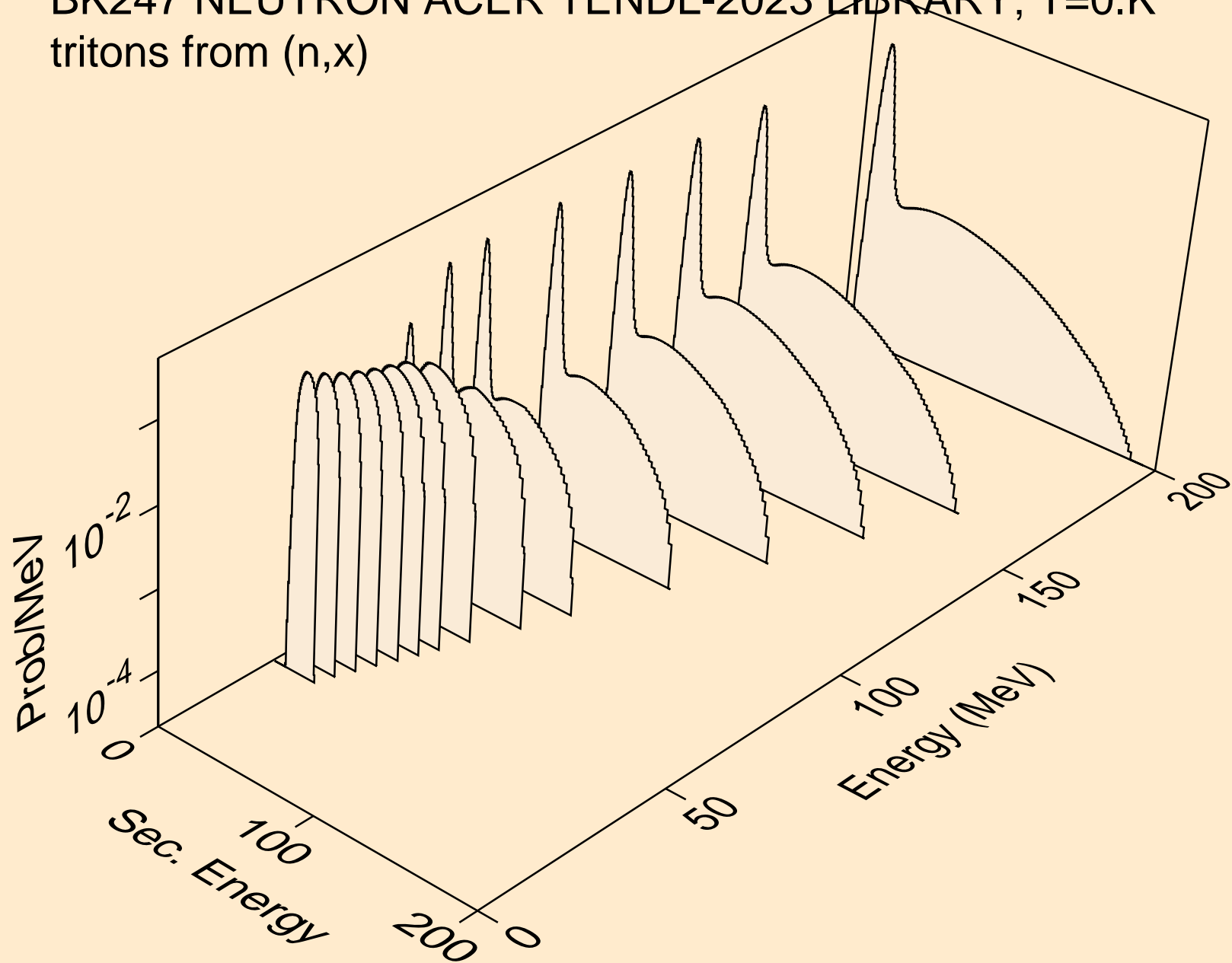


BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,d)

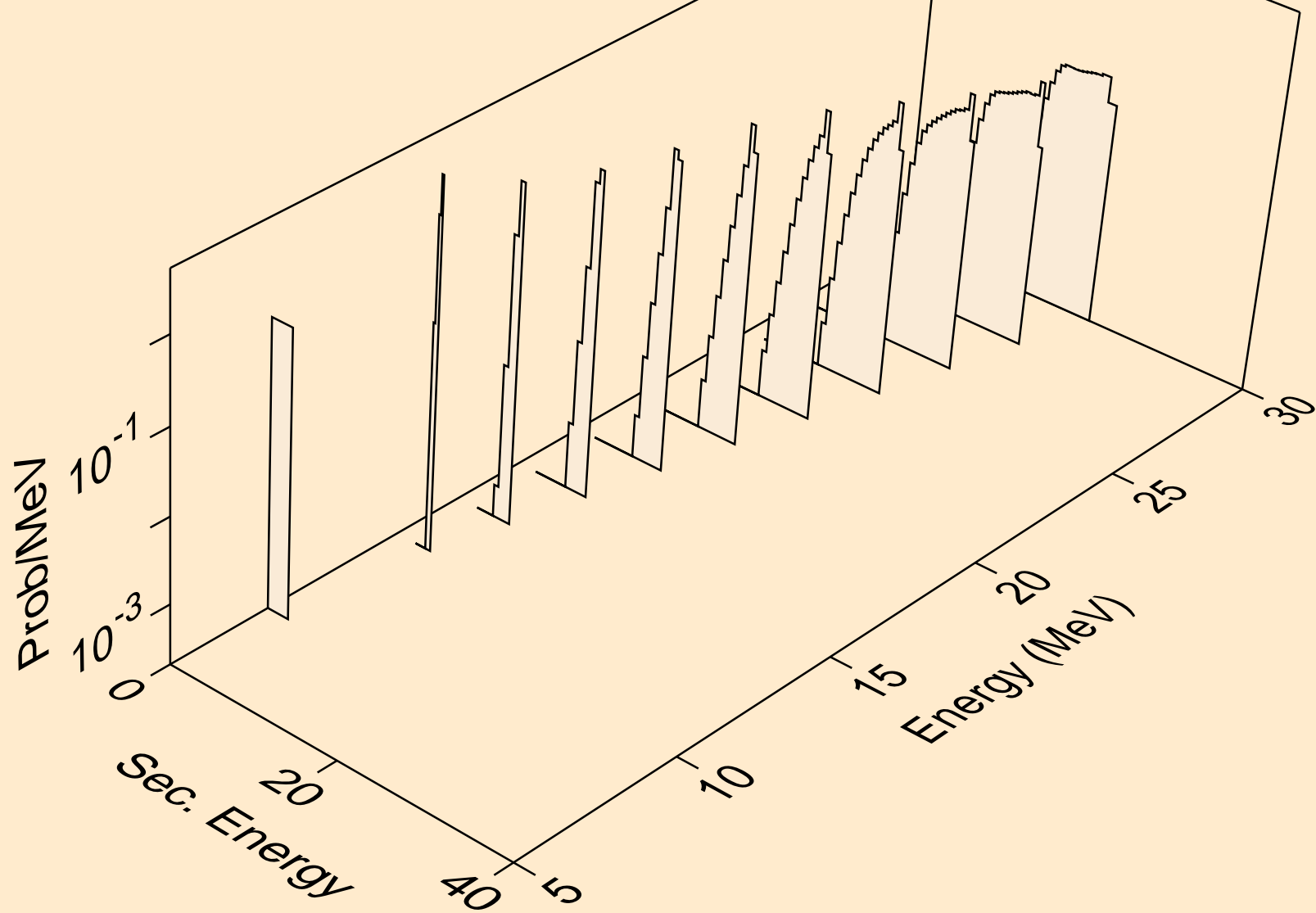




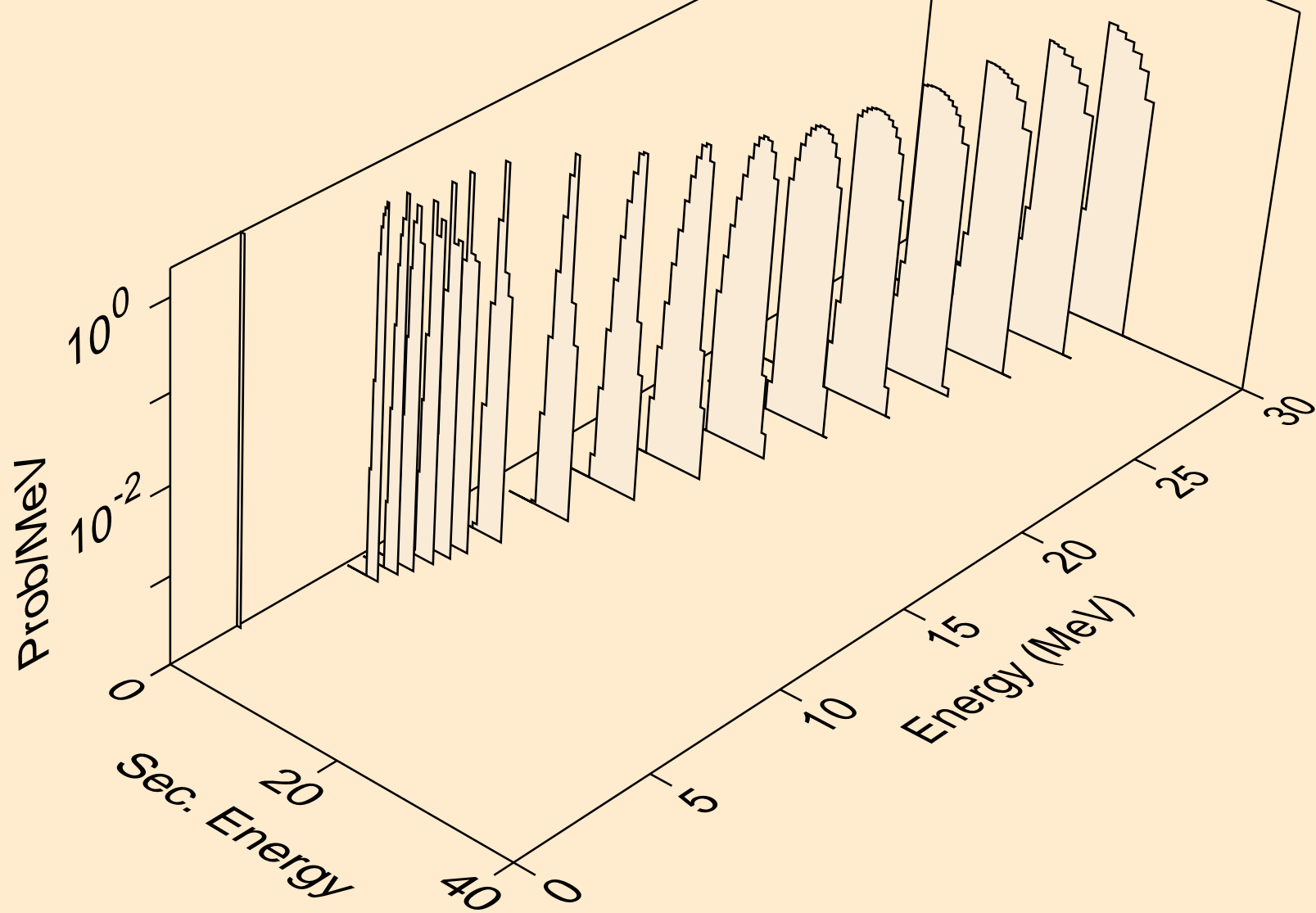
BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,x)



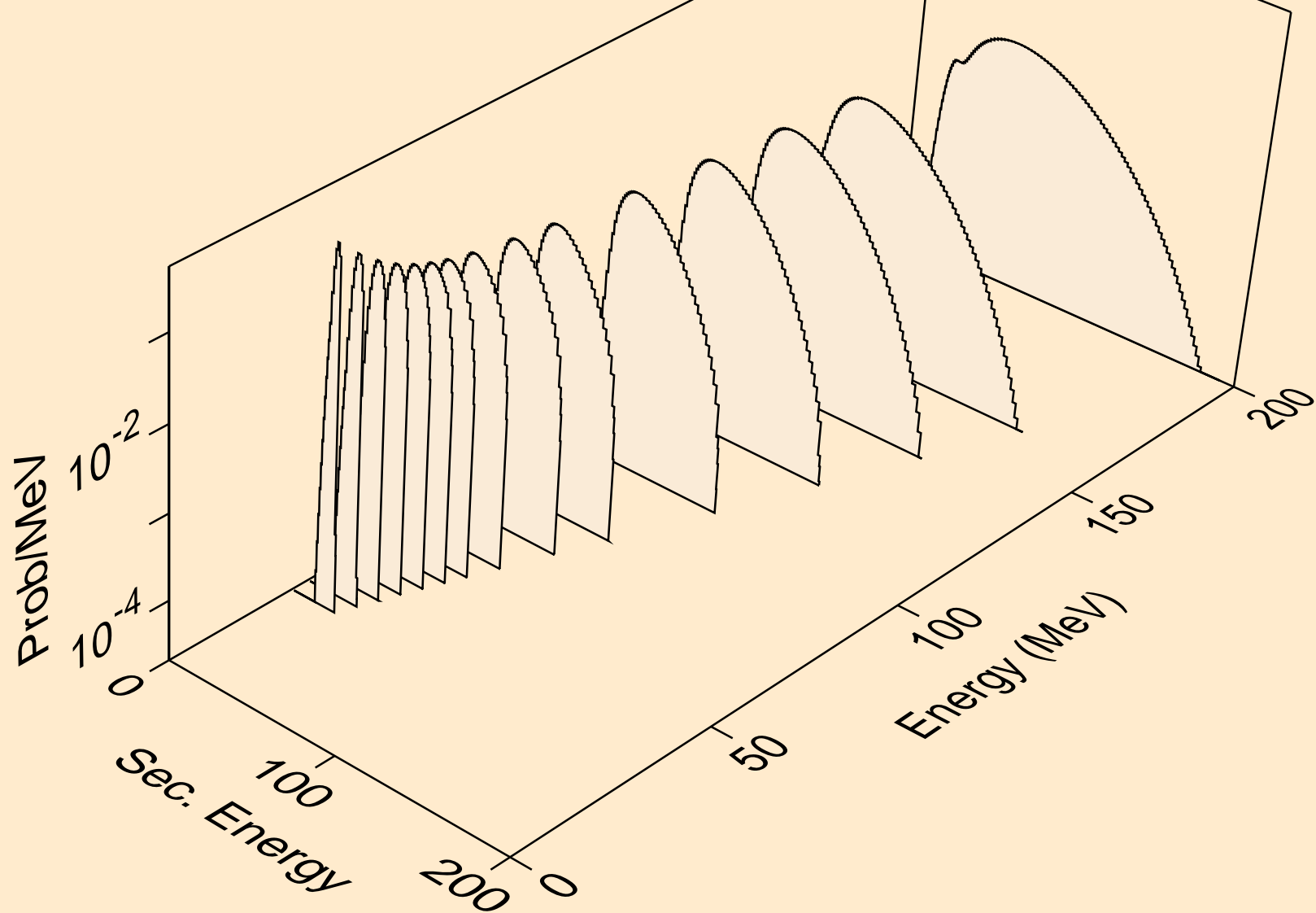
BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t



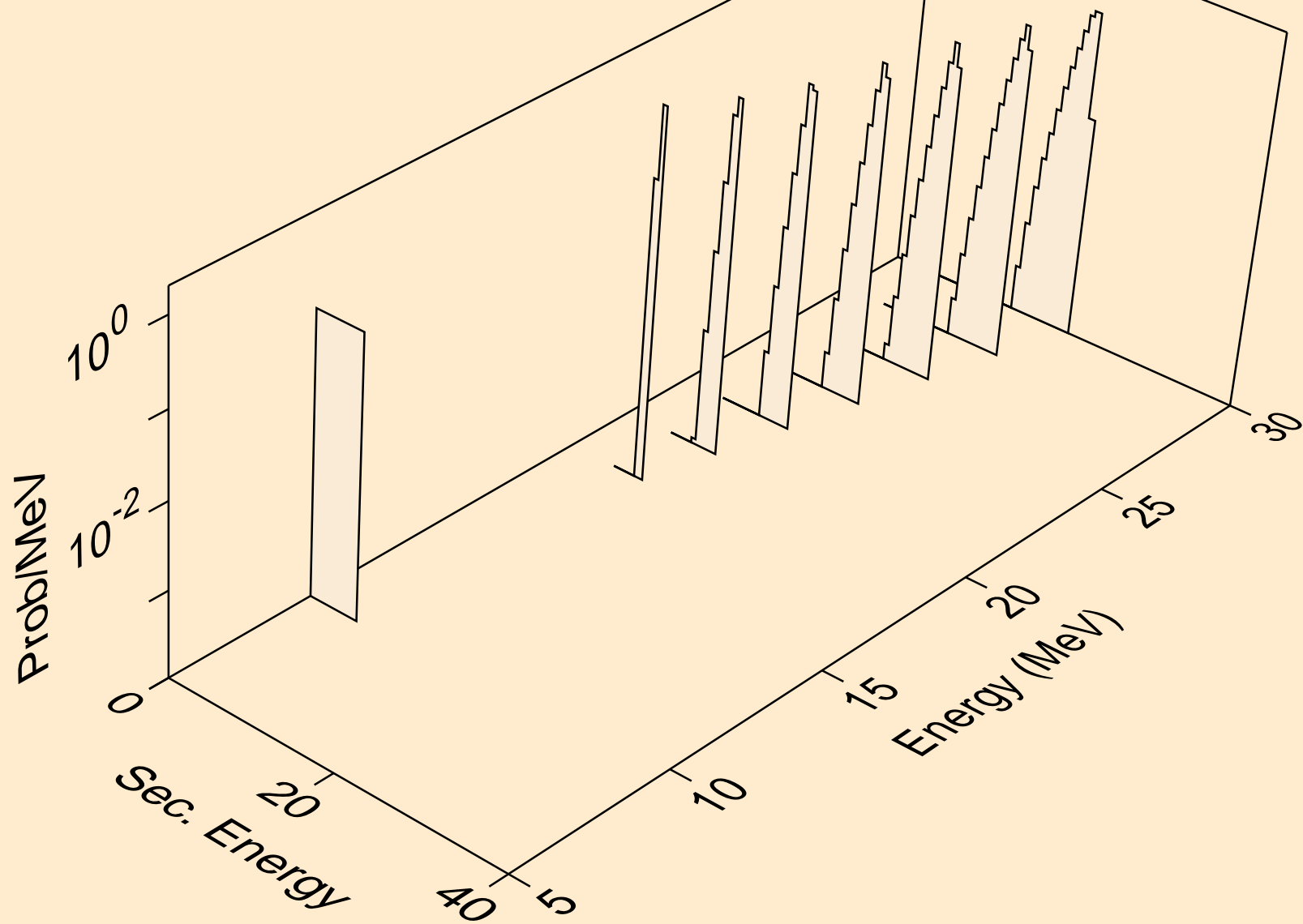
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tritons from (n,t)



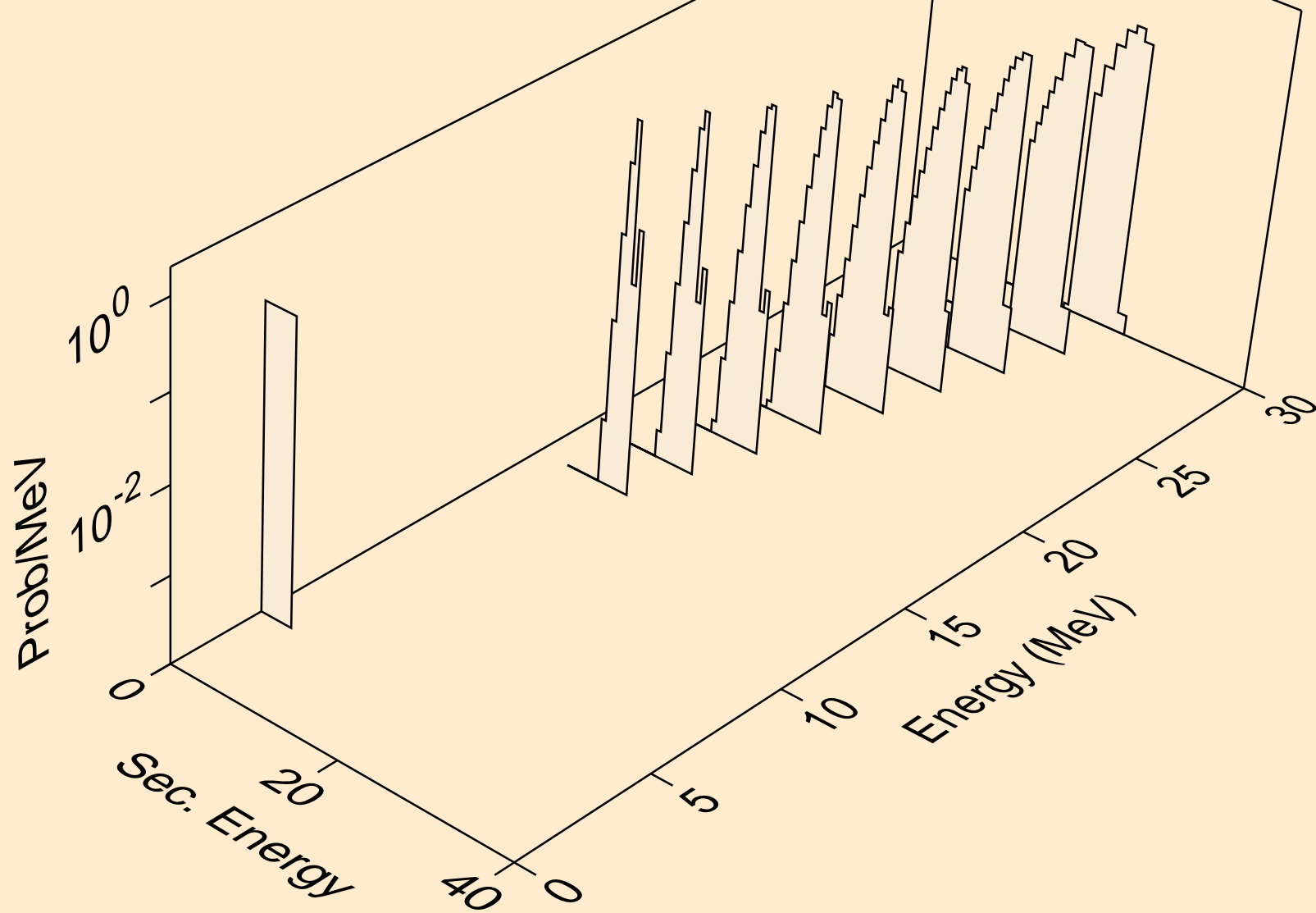
BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,x)



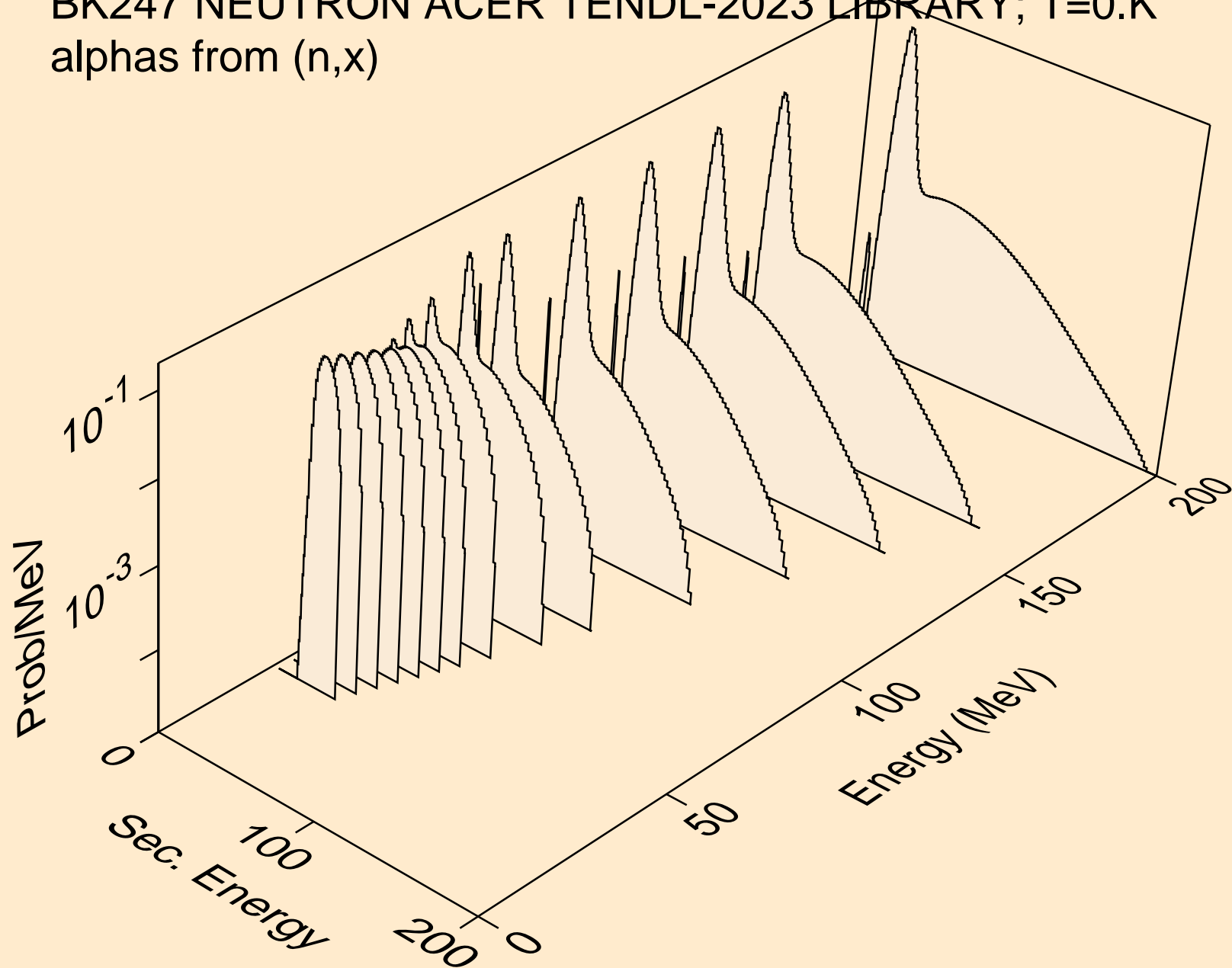
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he3s from (n,n\*)he3



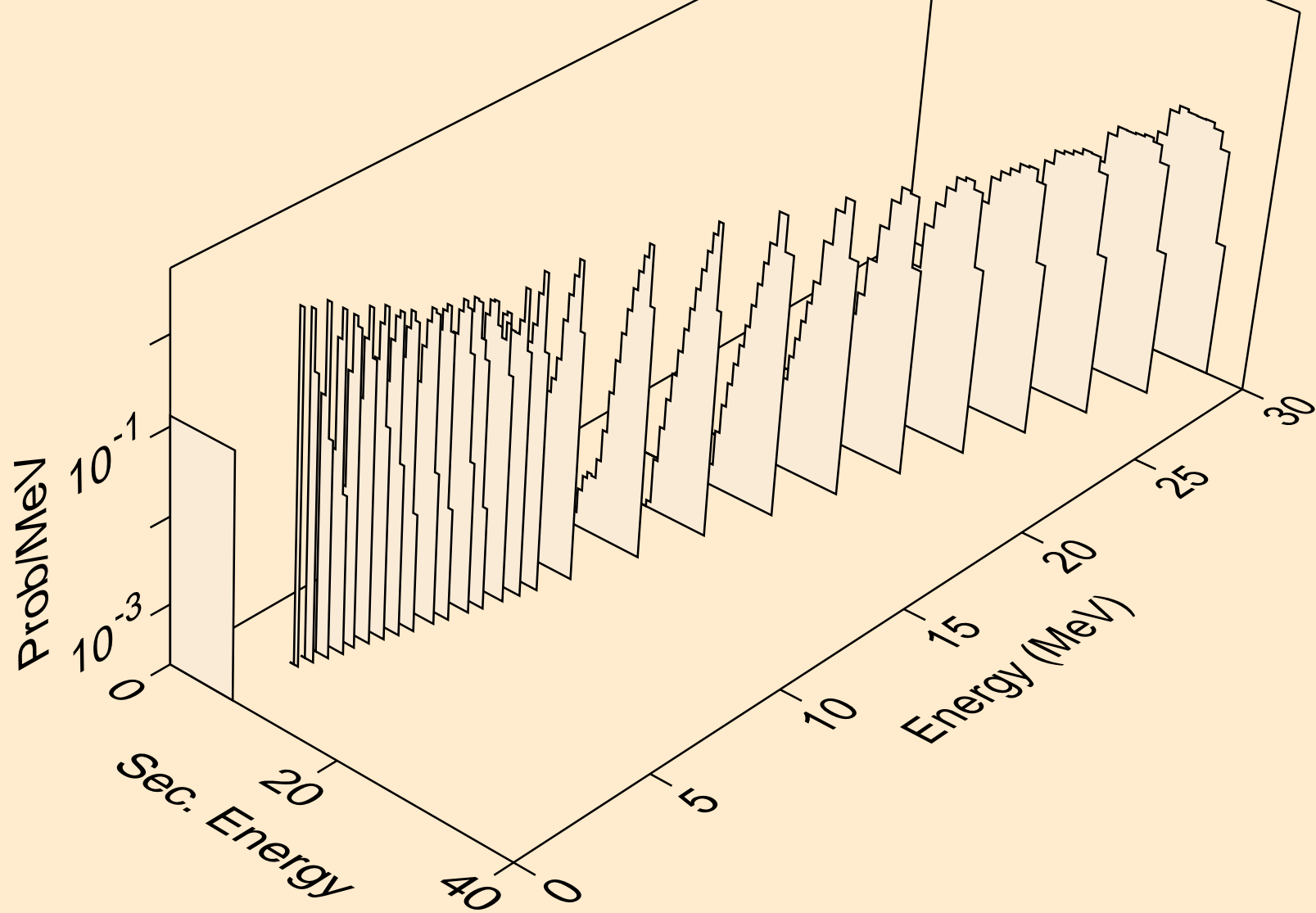
BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,he3)



BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)

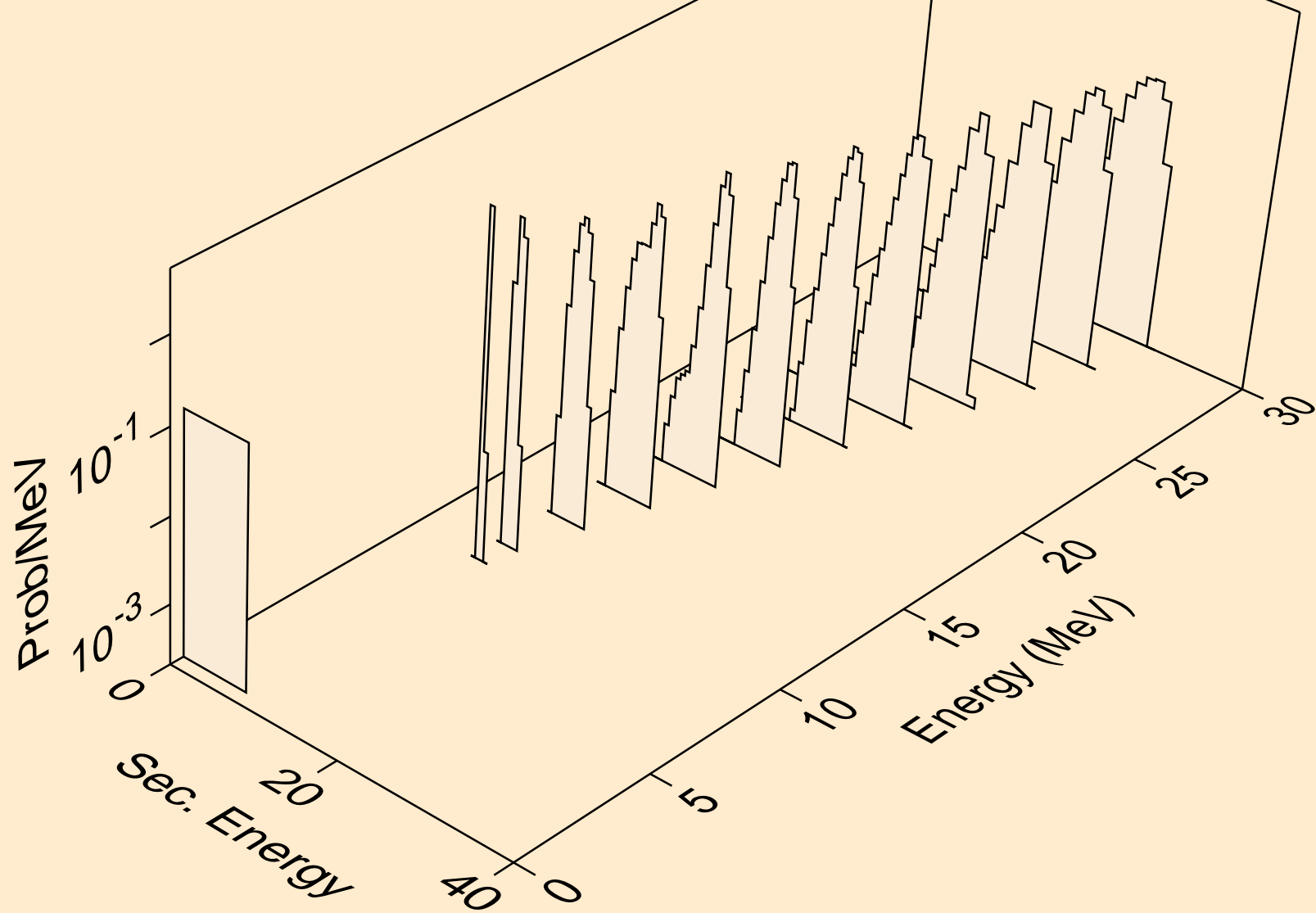


BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a

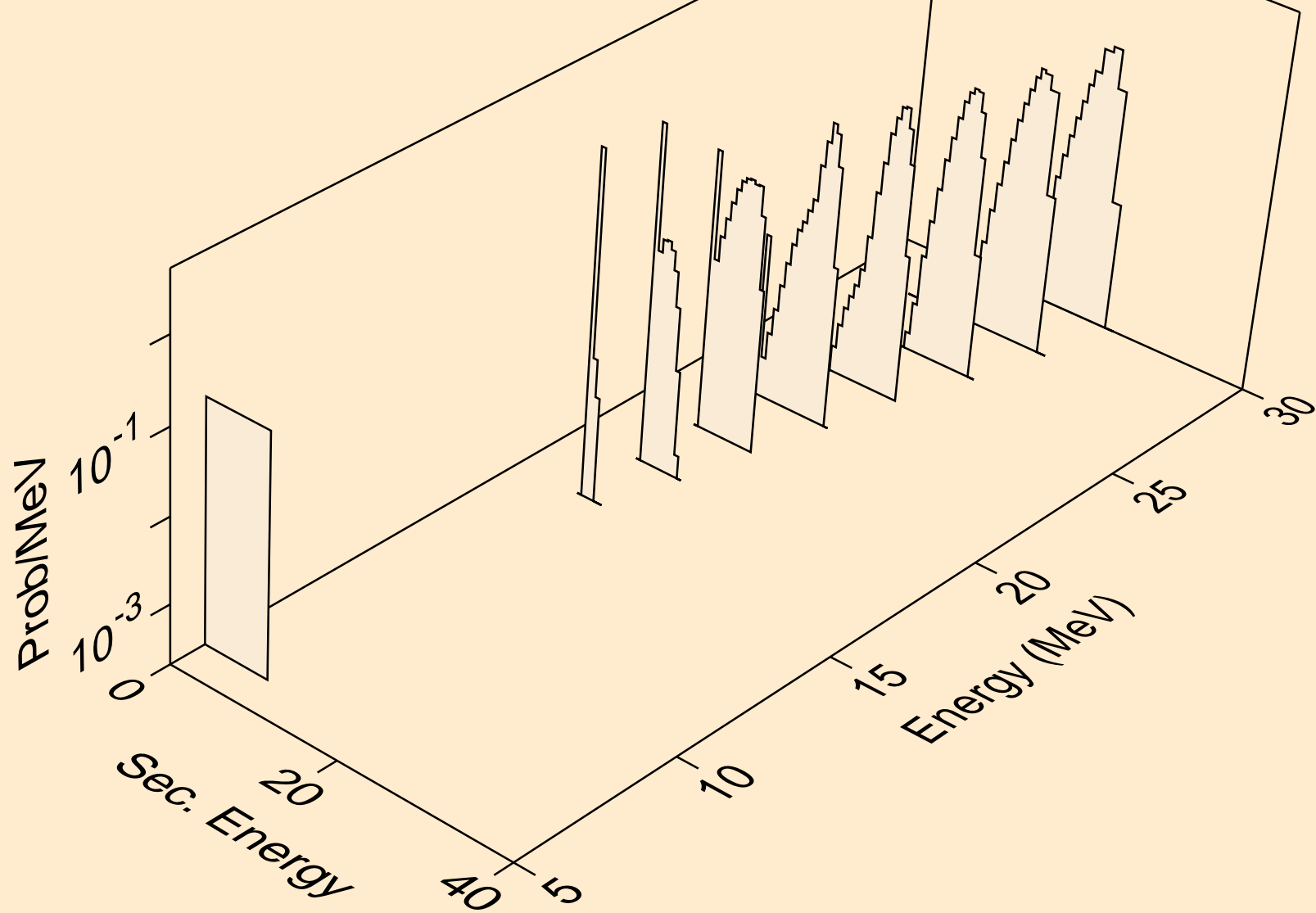




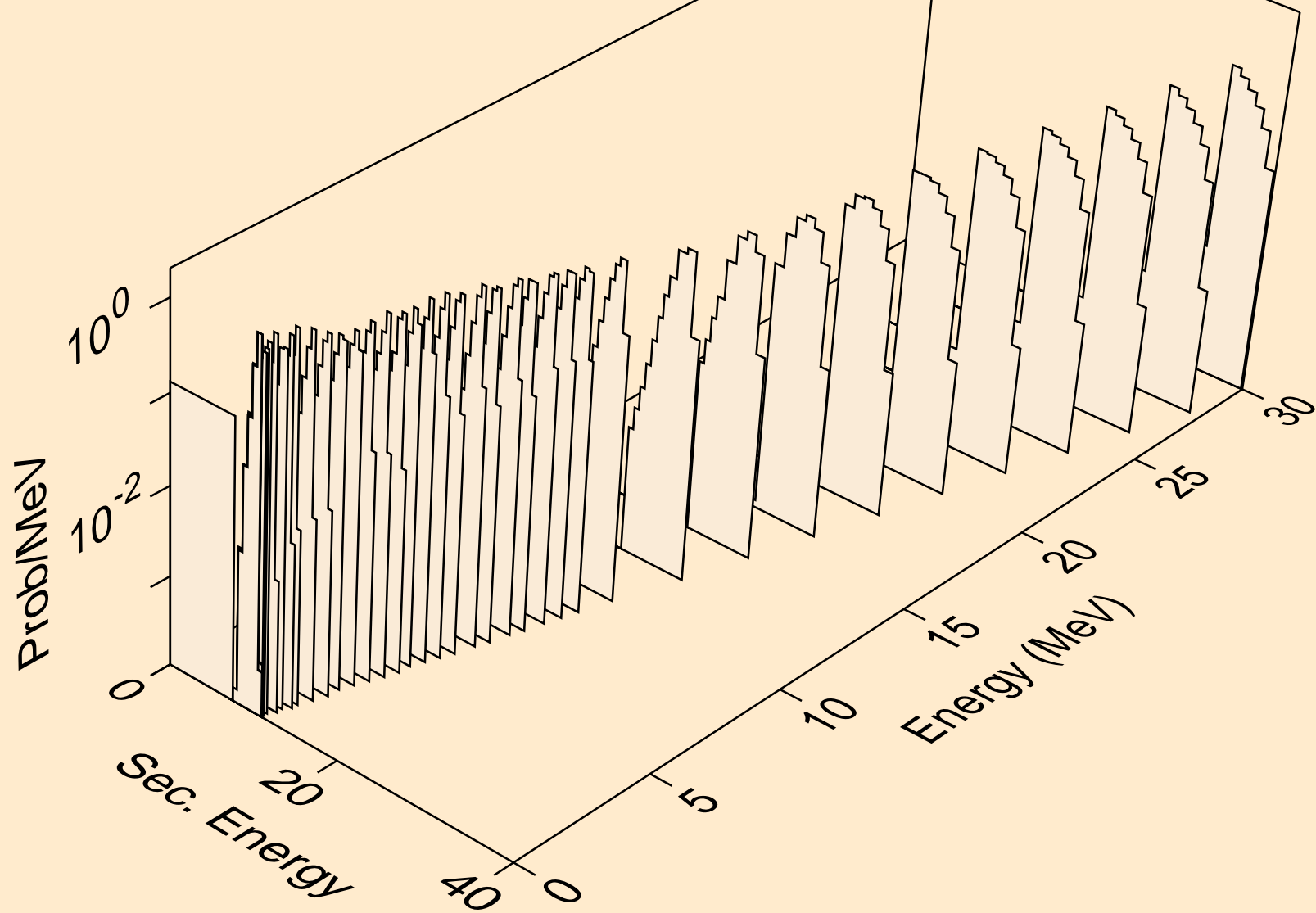
BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a



BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3n)a



BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)



BK247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)

