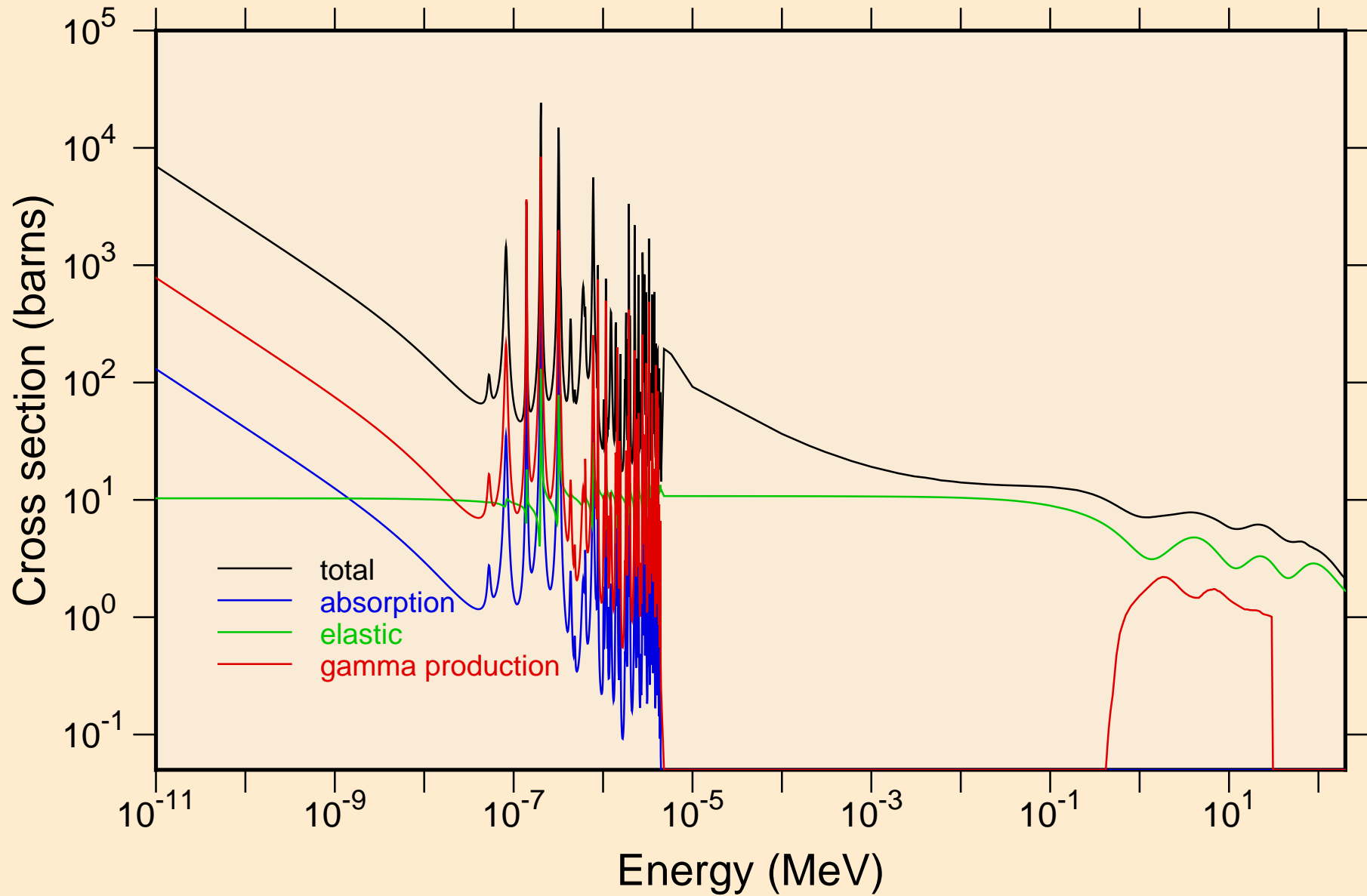
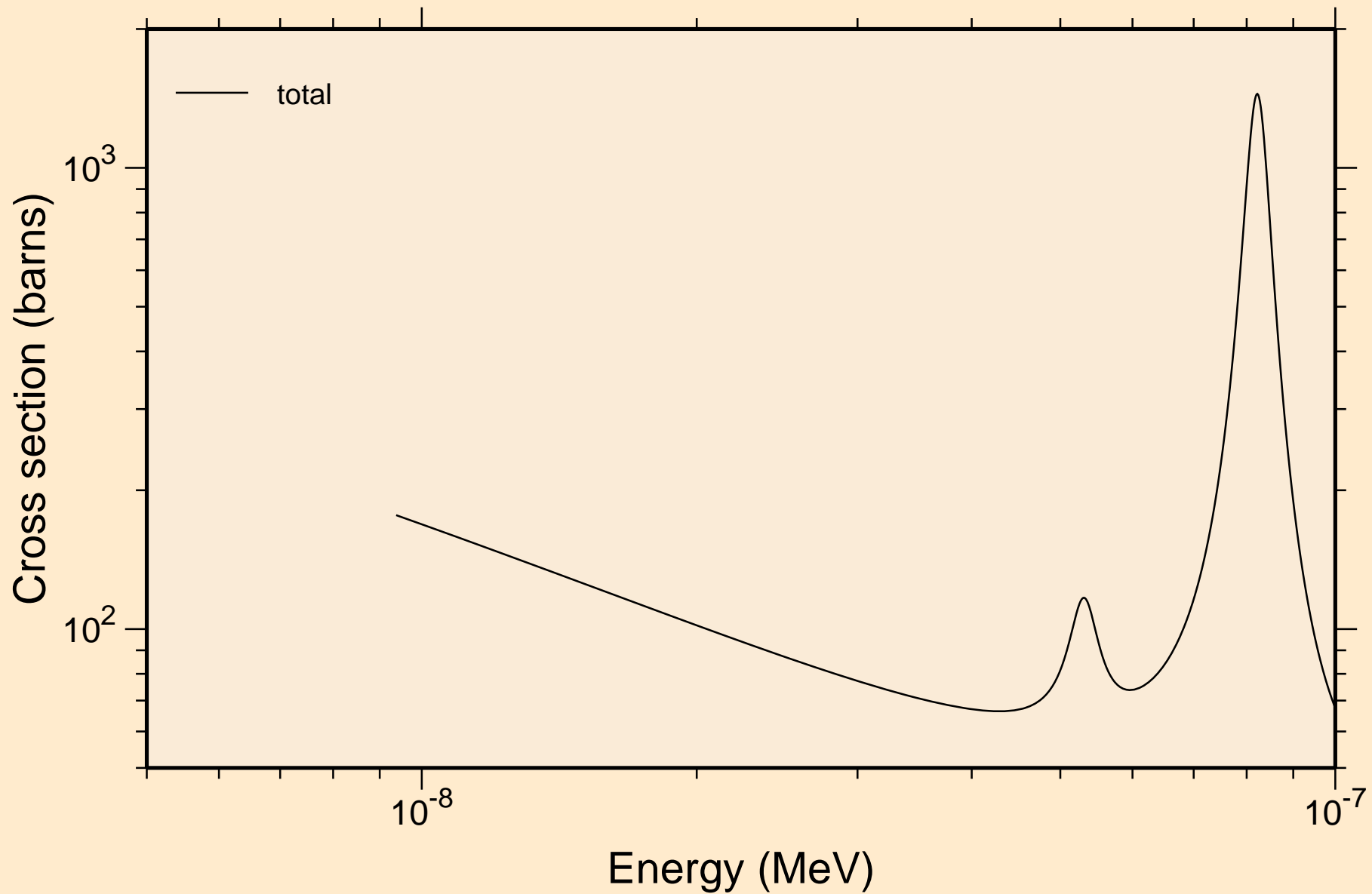


# CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

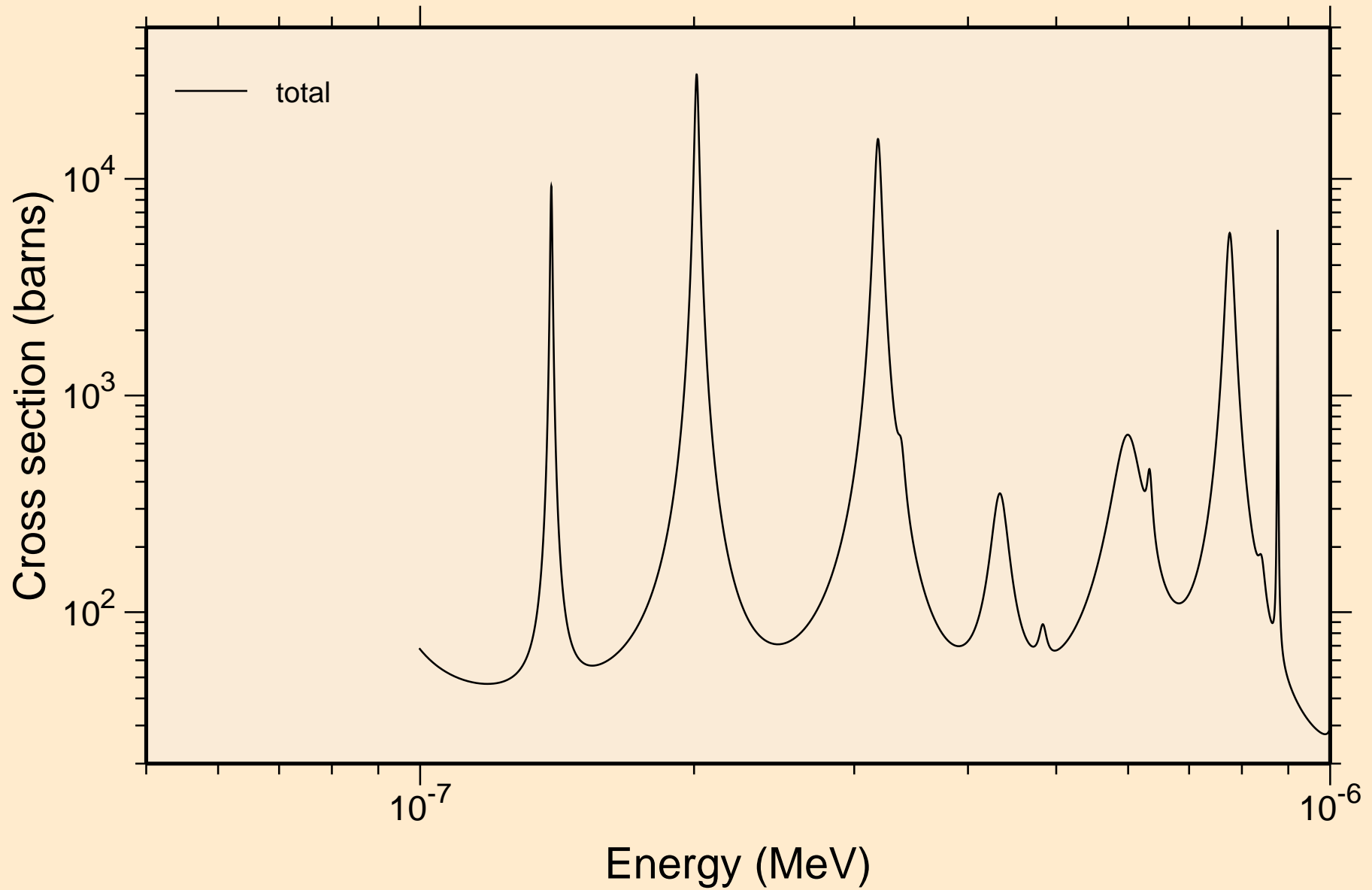
## Principal cross sections



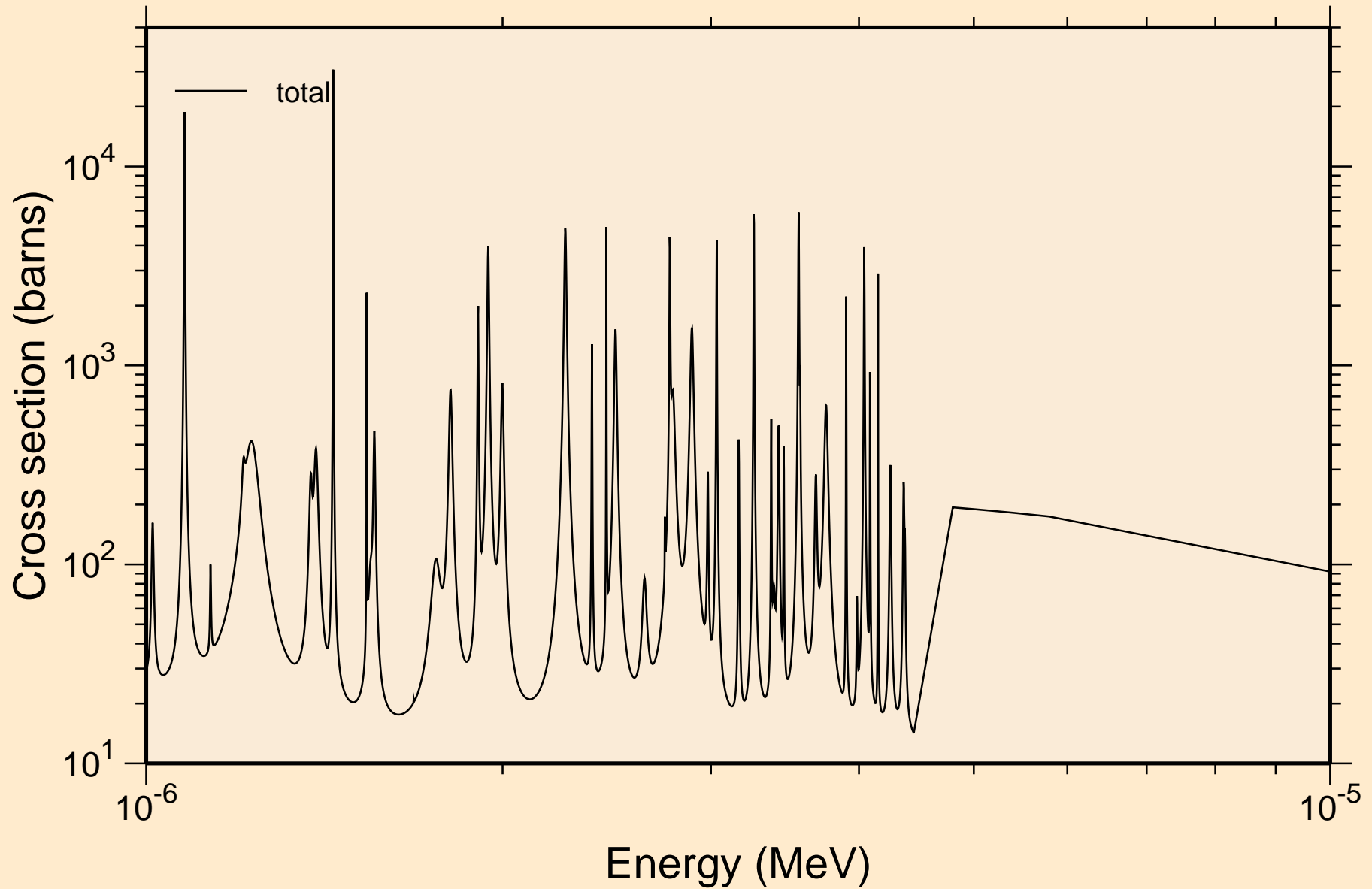
CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



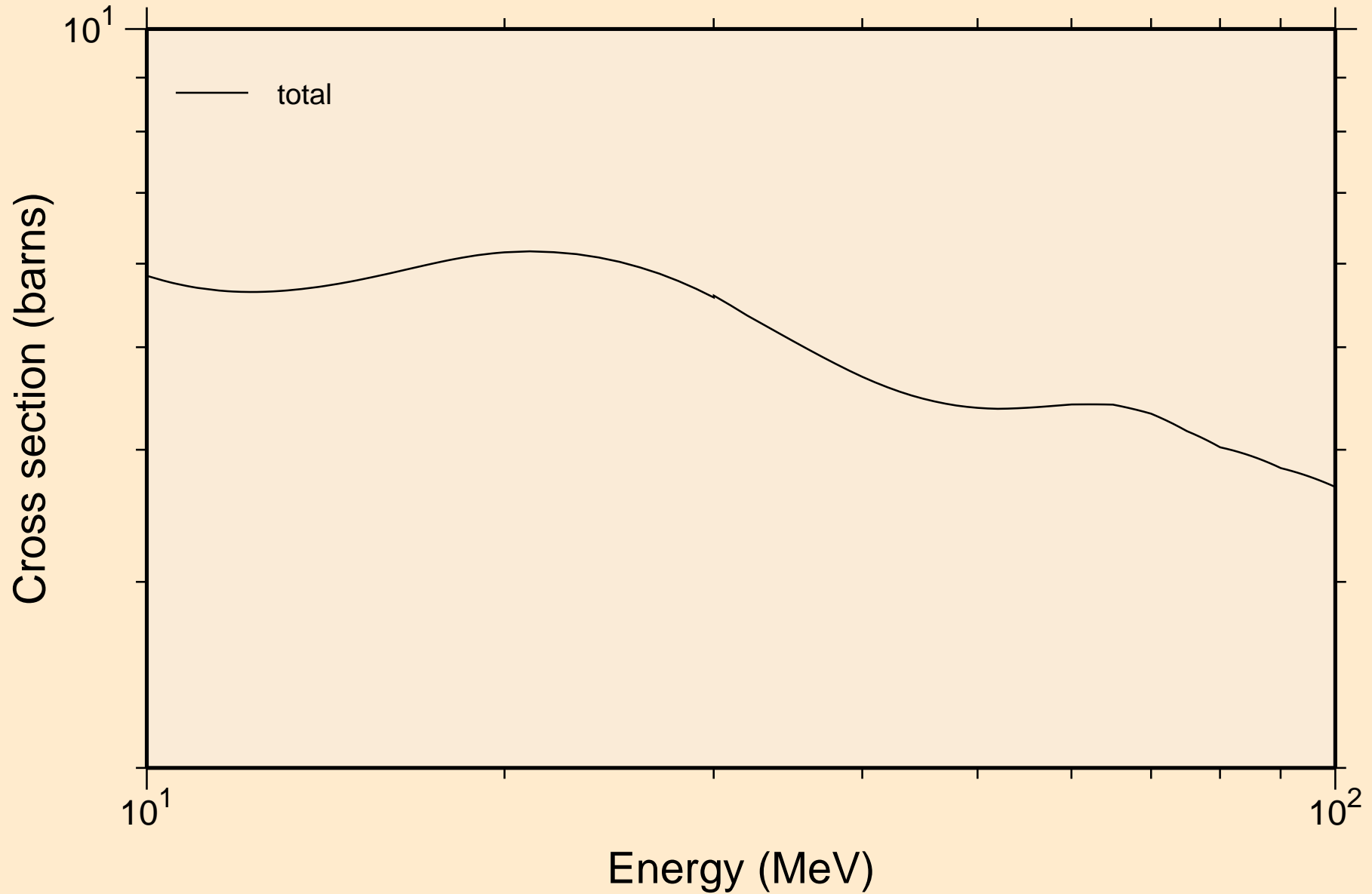
CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



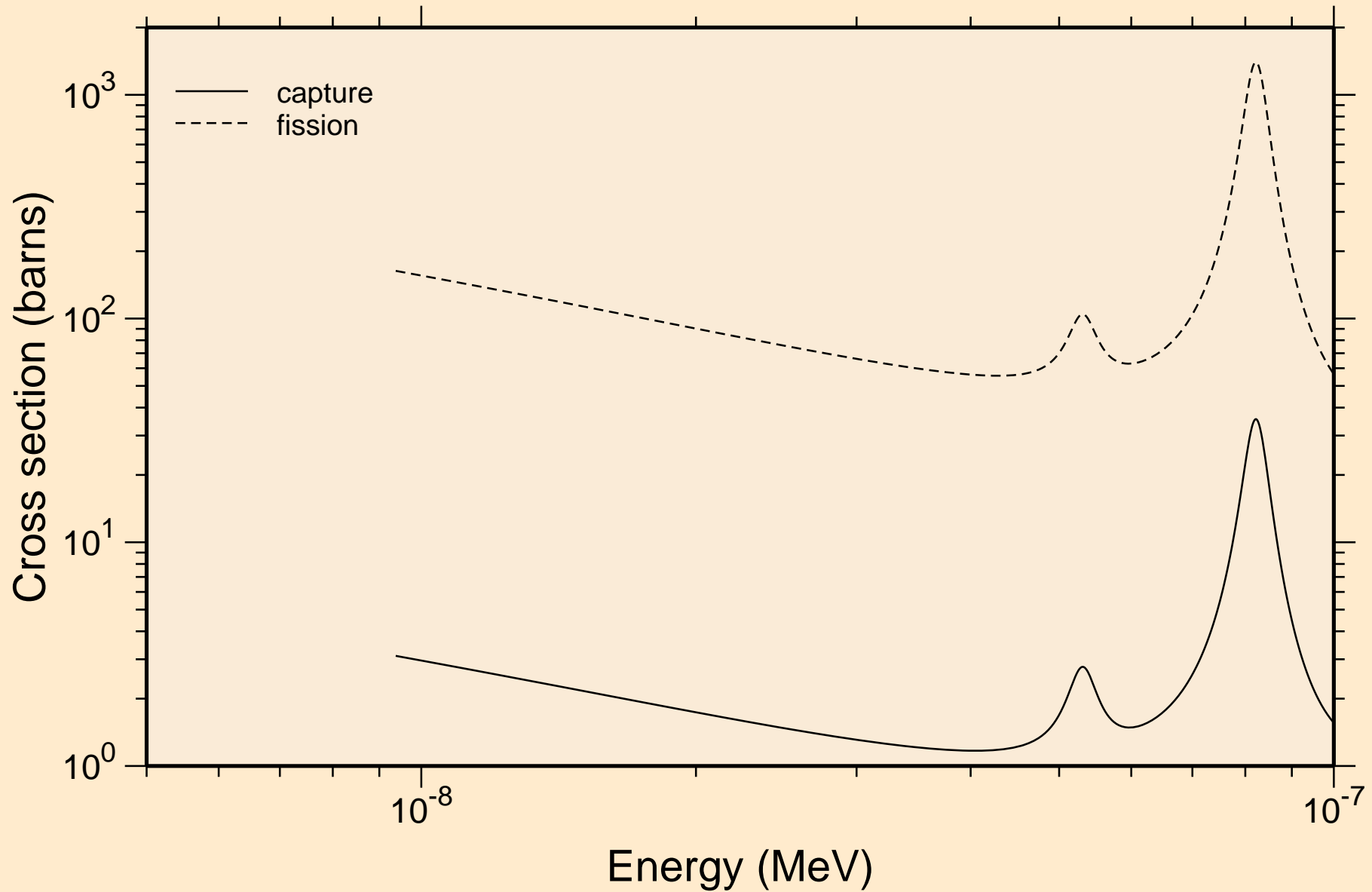
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resonance total cross section



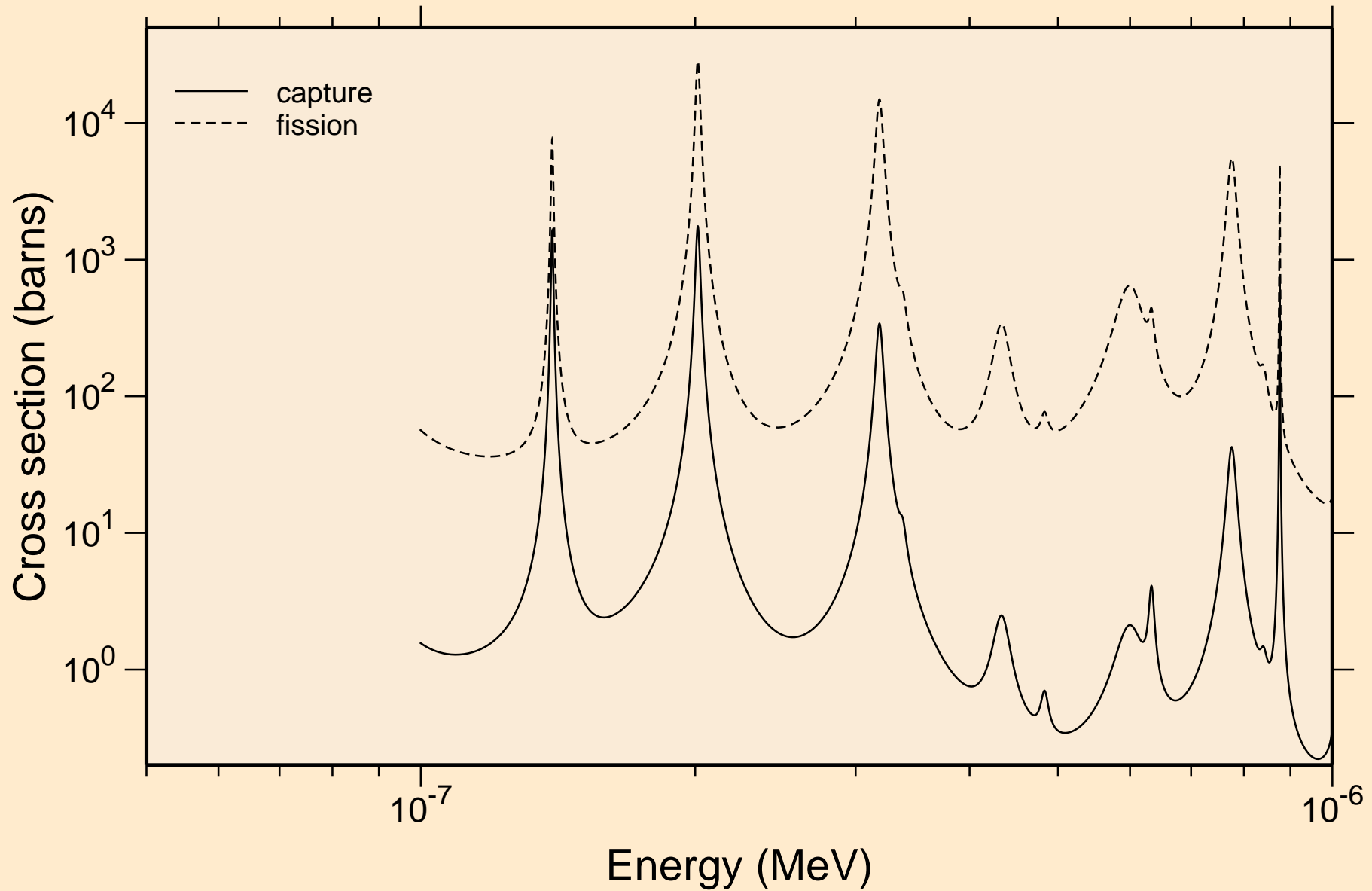
CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



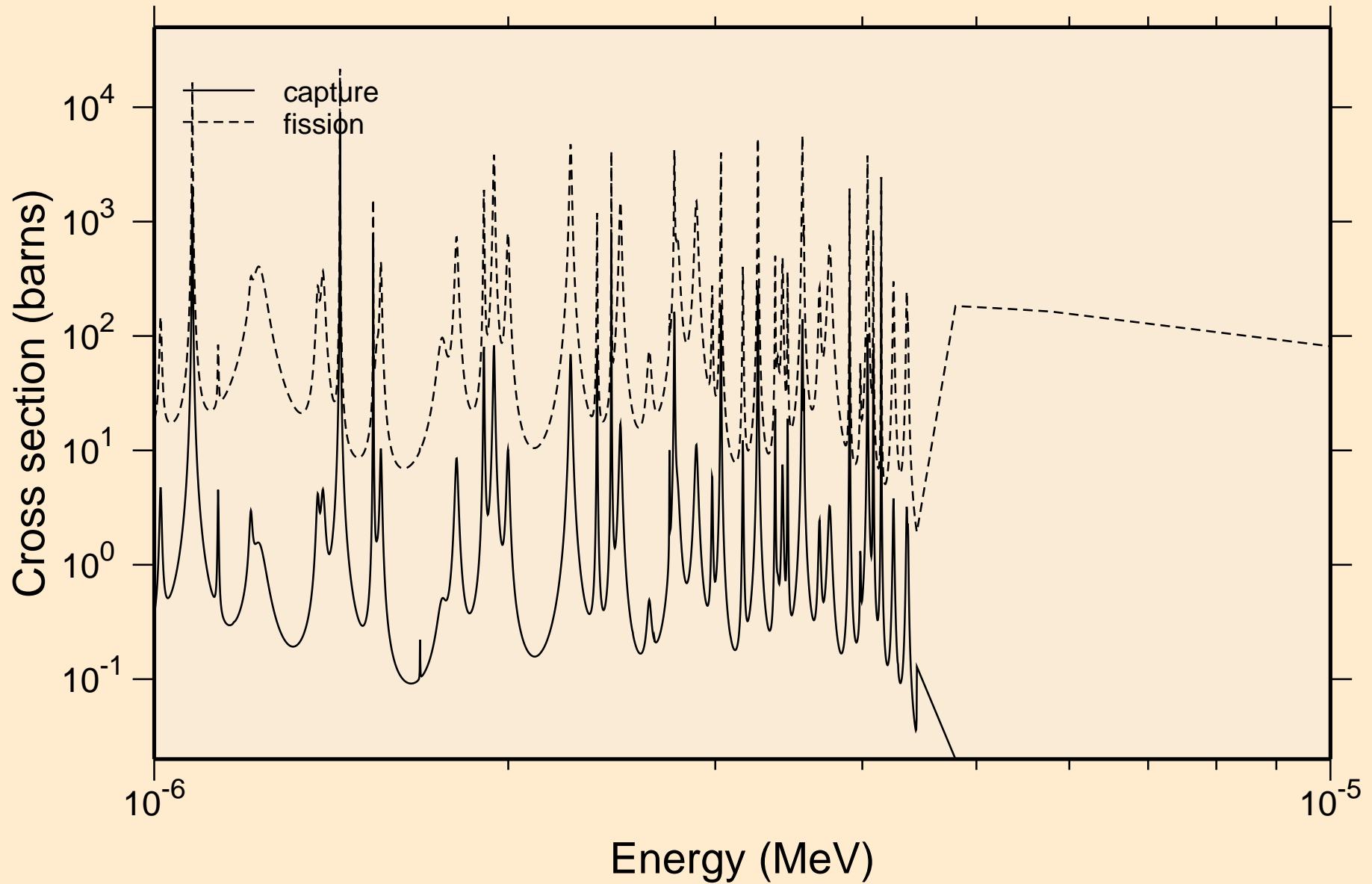
CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

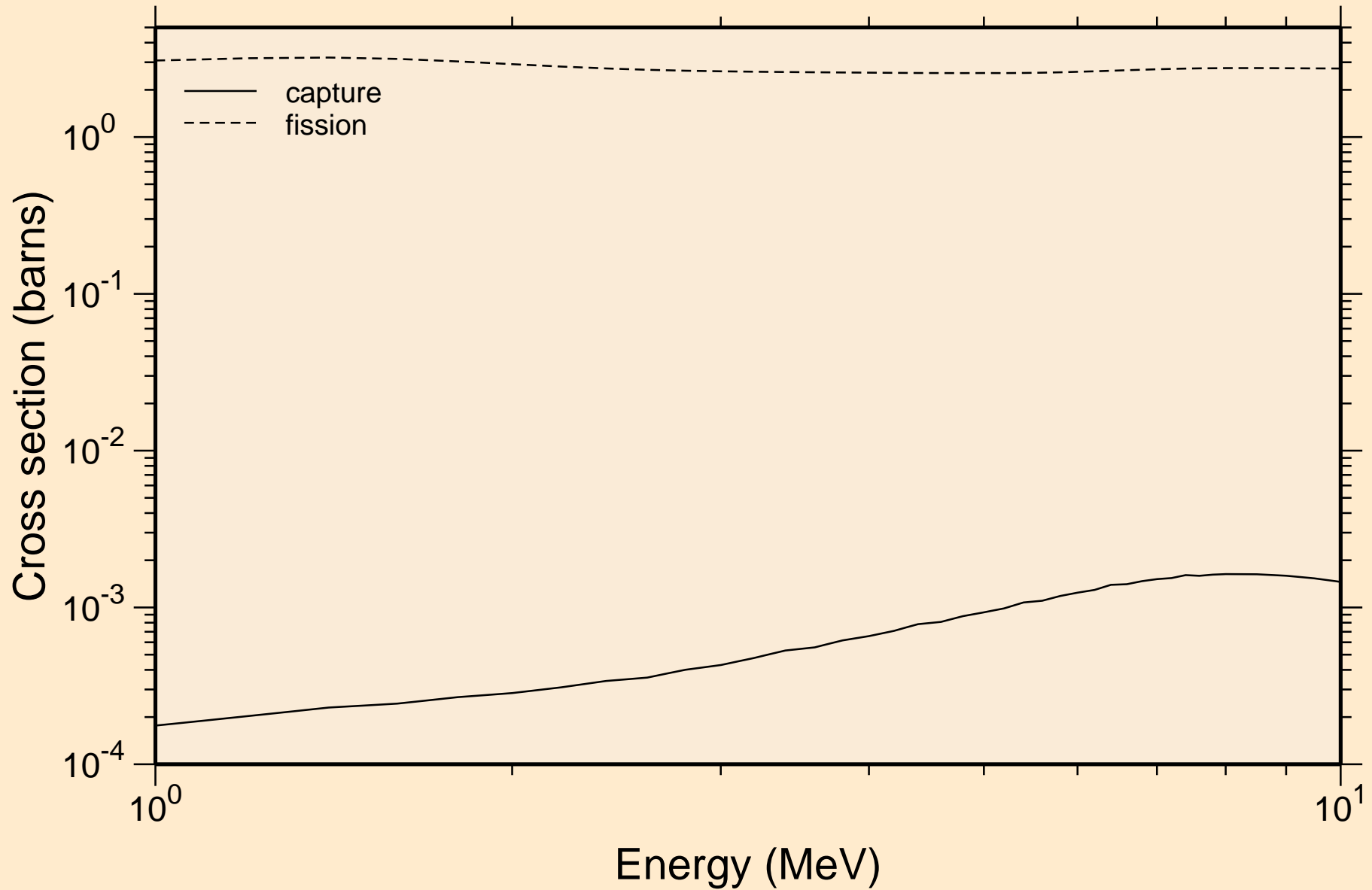


CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



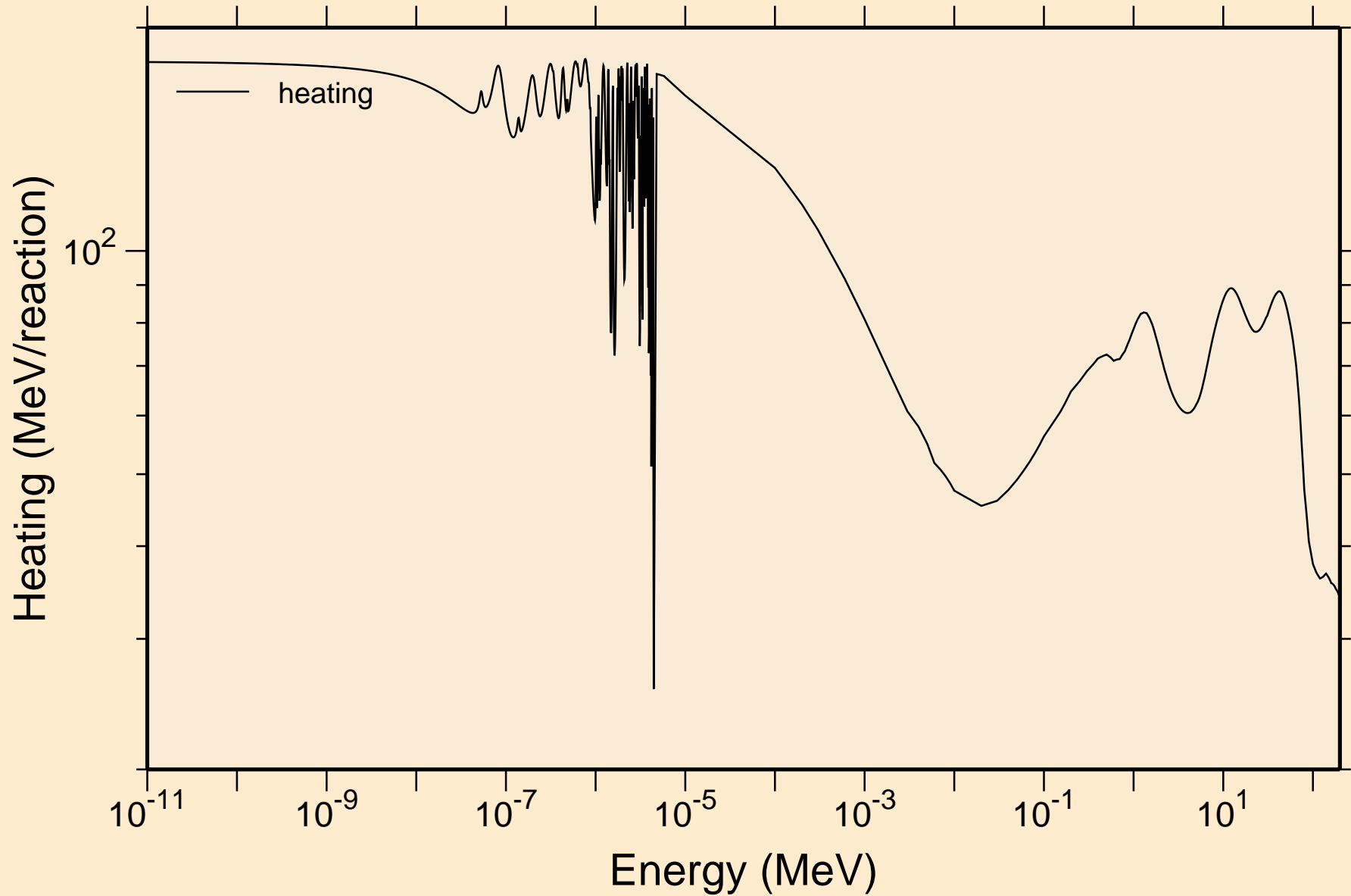


CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



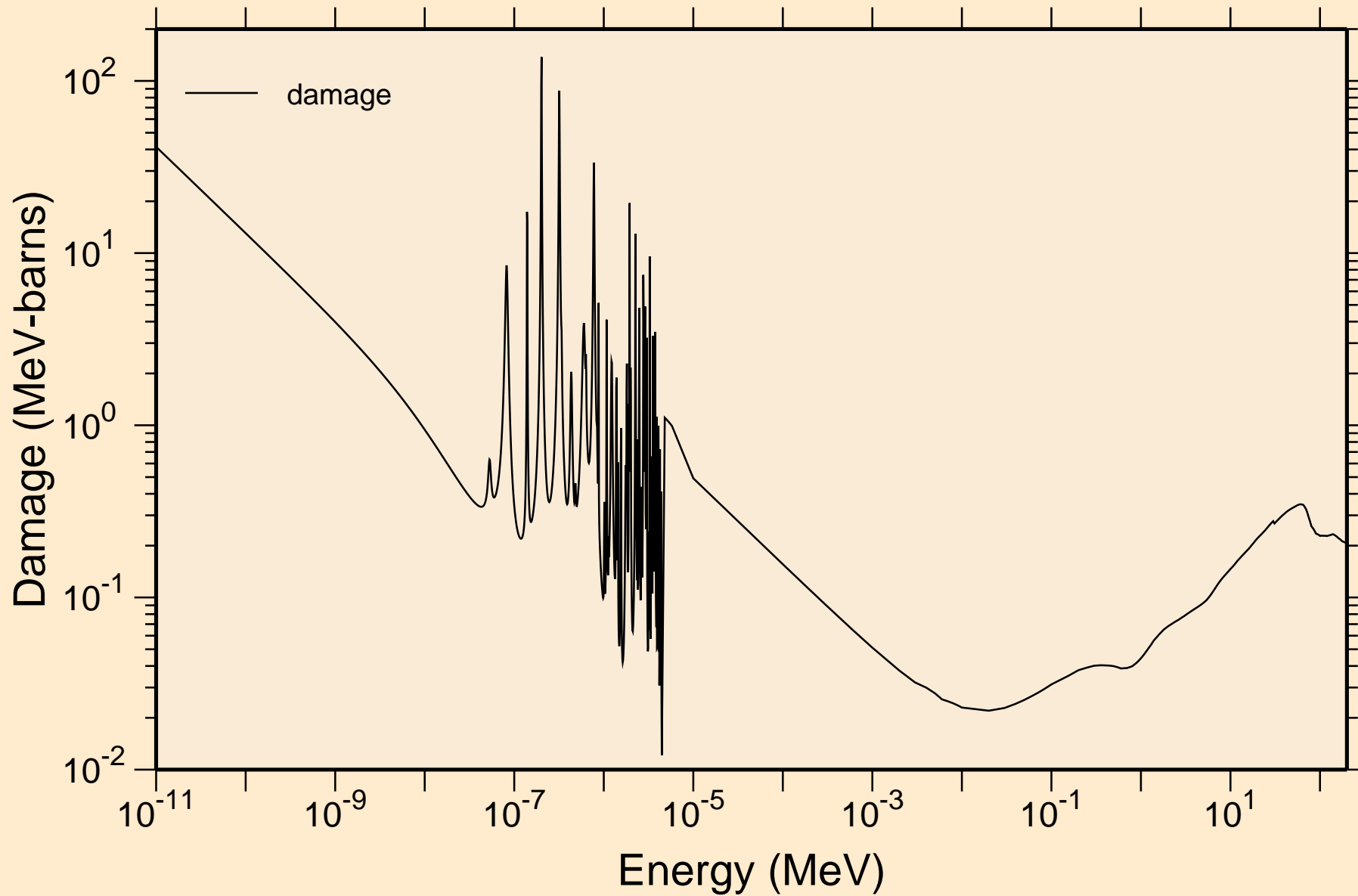
# CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



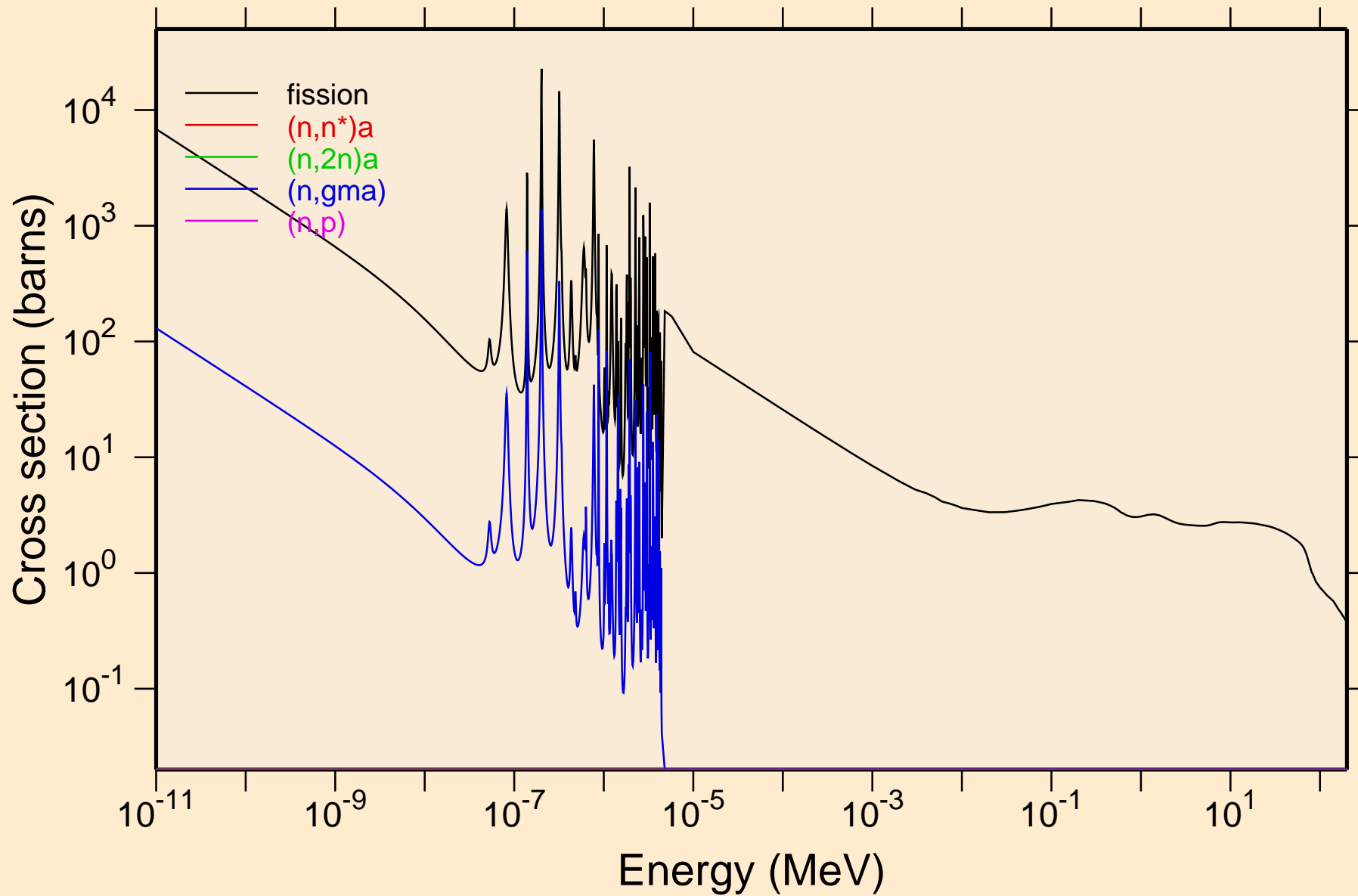
# CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Damage



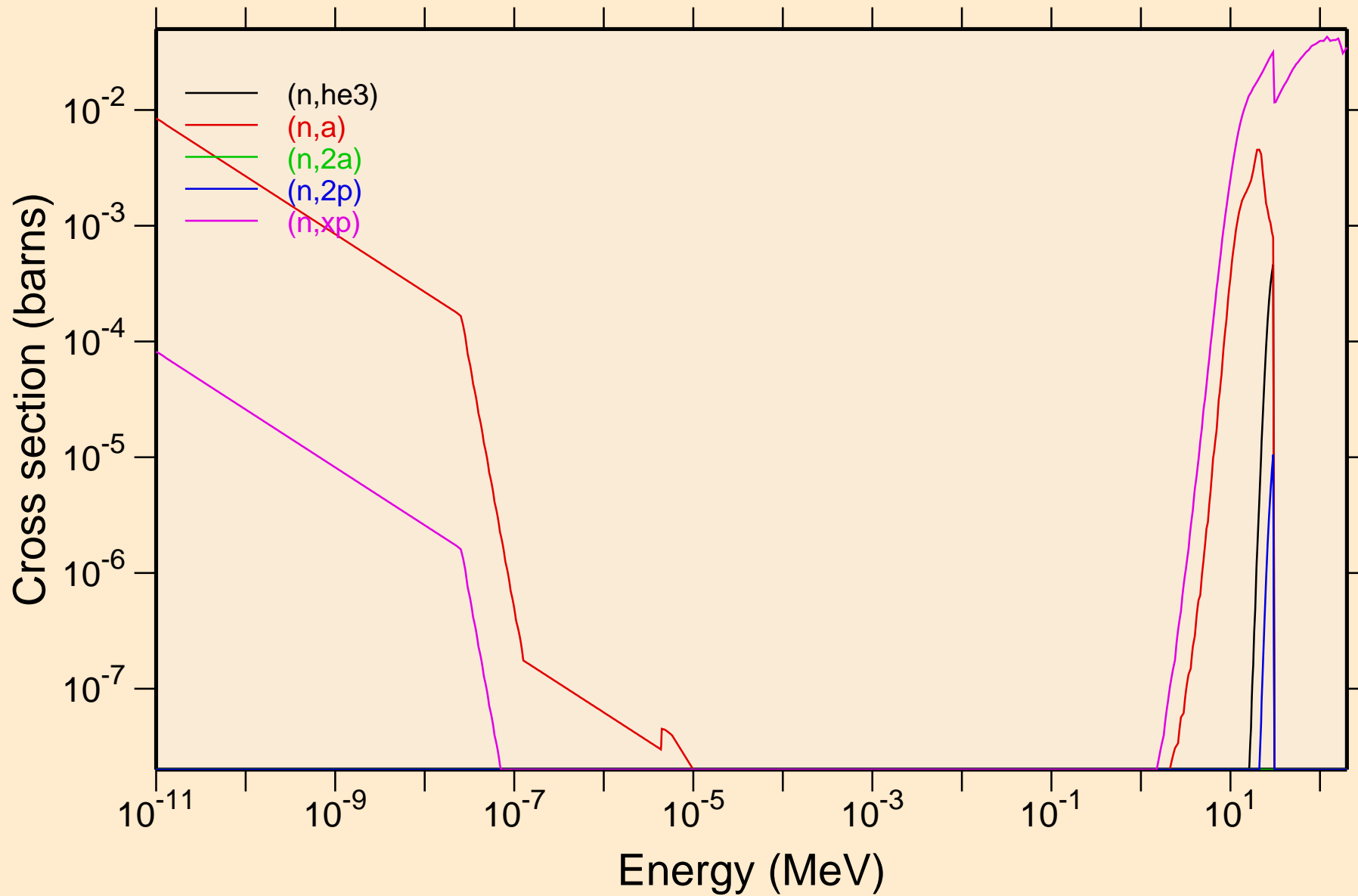
# CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Non-threshold reactions

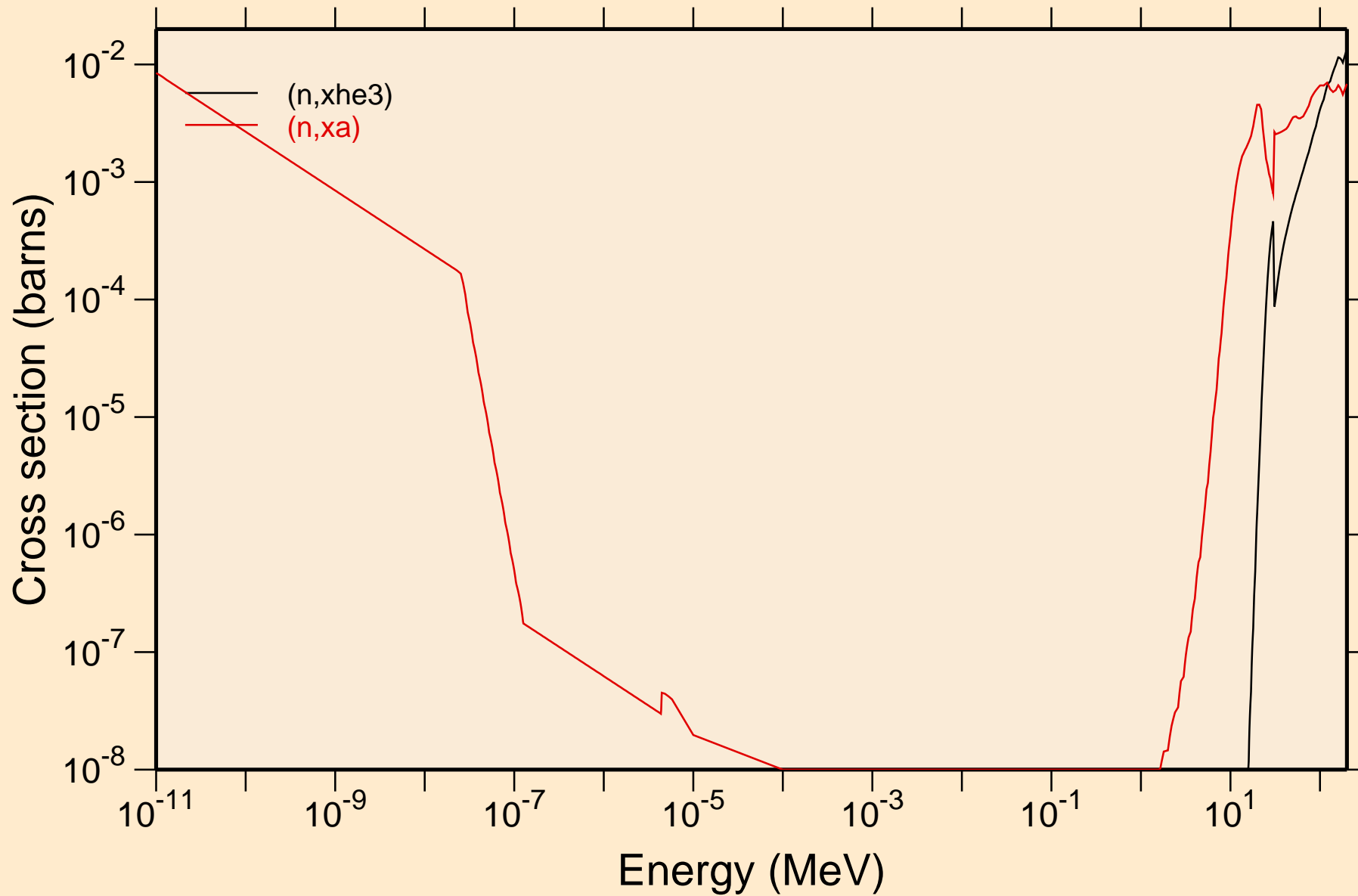


# CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Non-threshold reactions

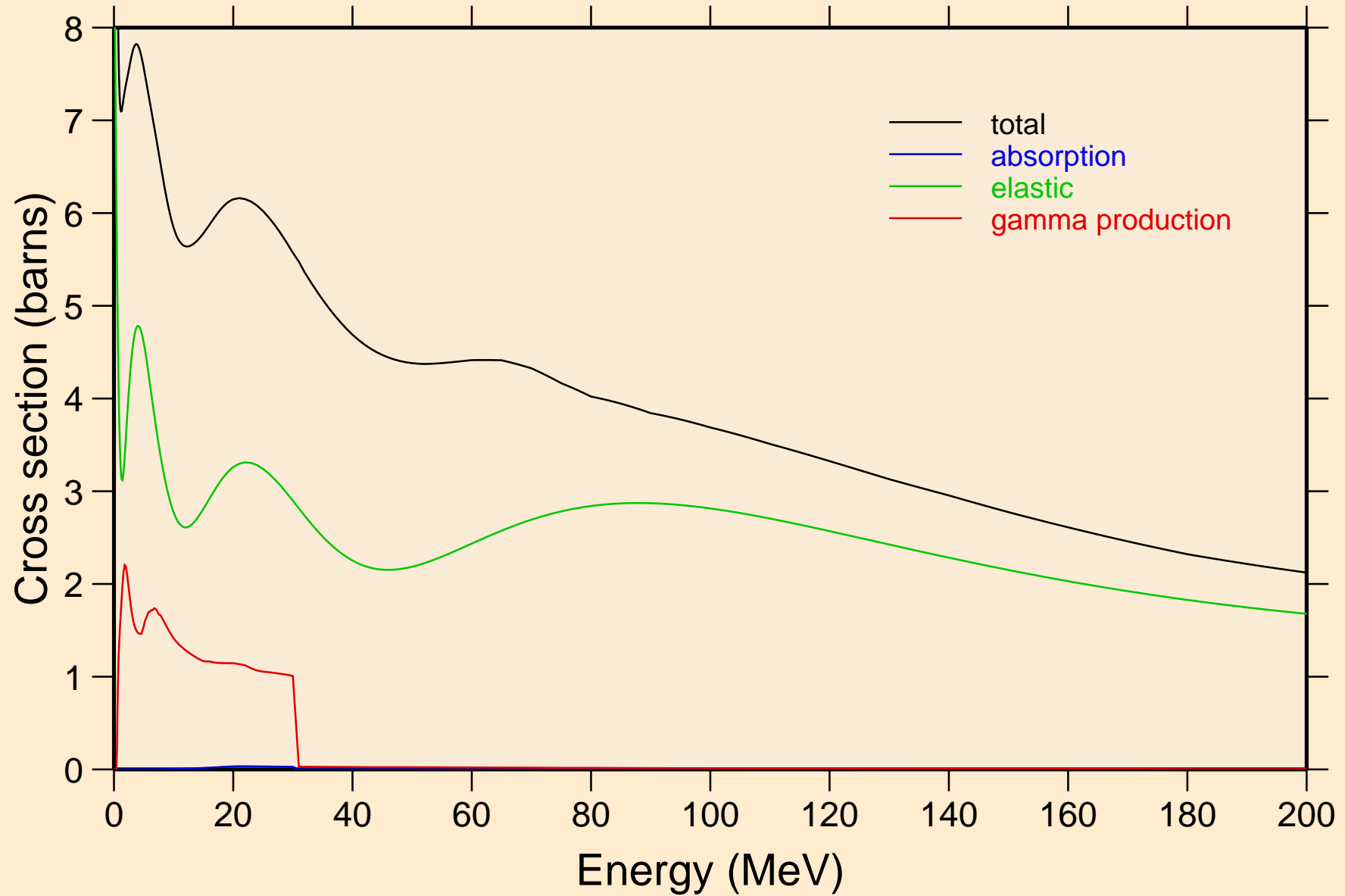


CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



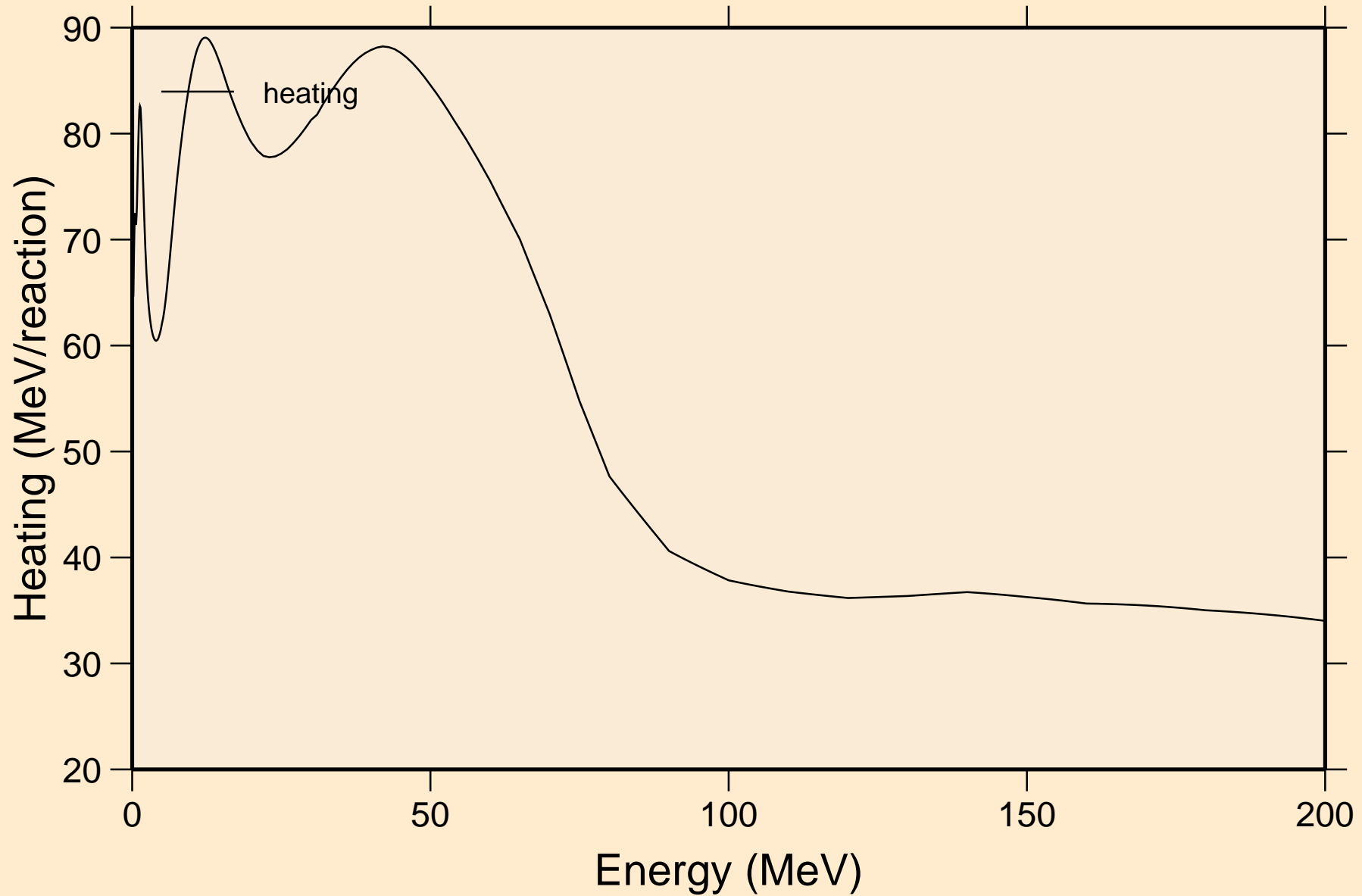
# CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



# CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

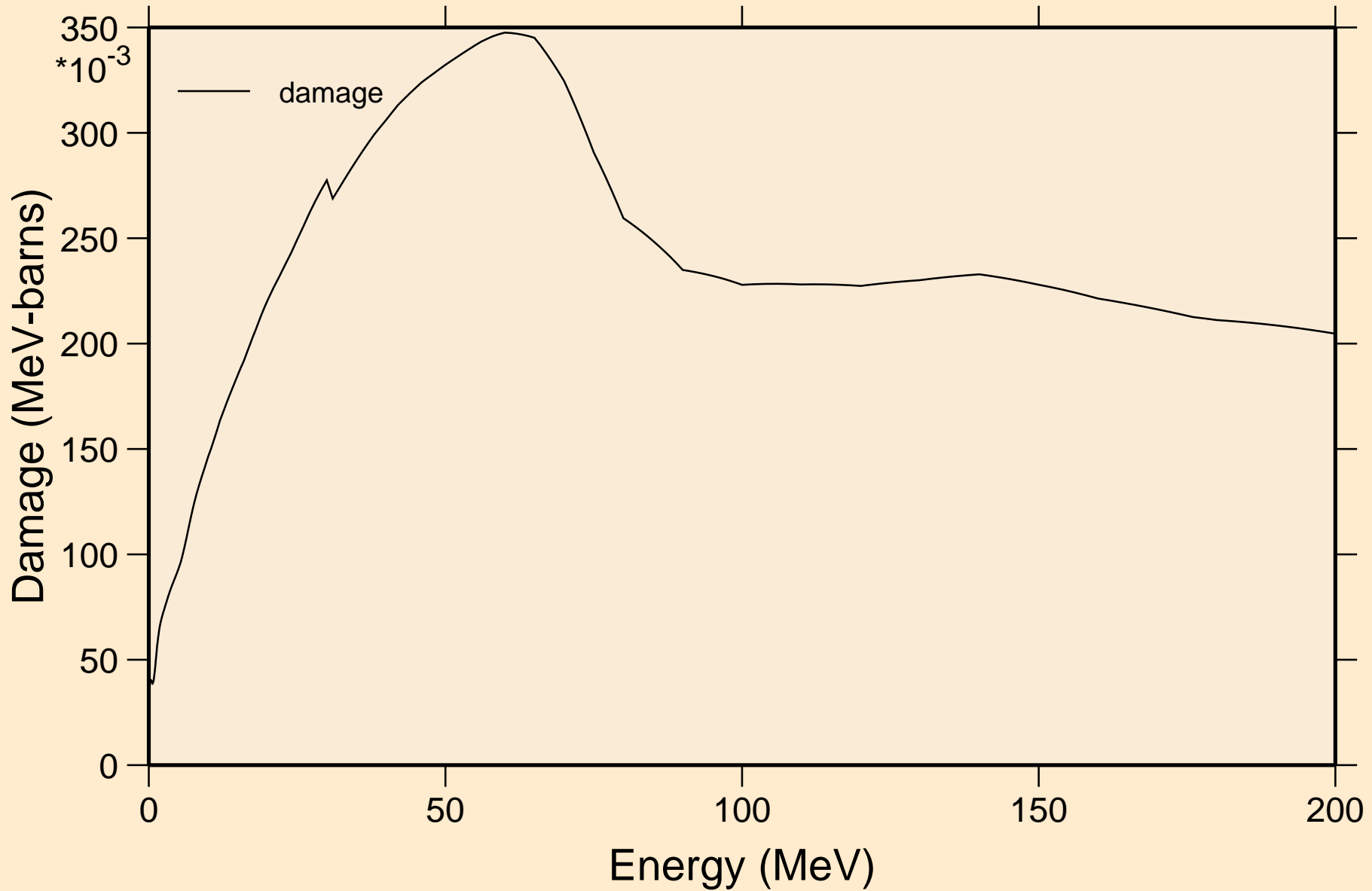
## Heating





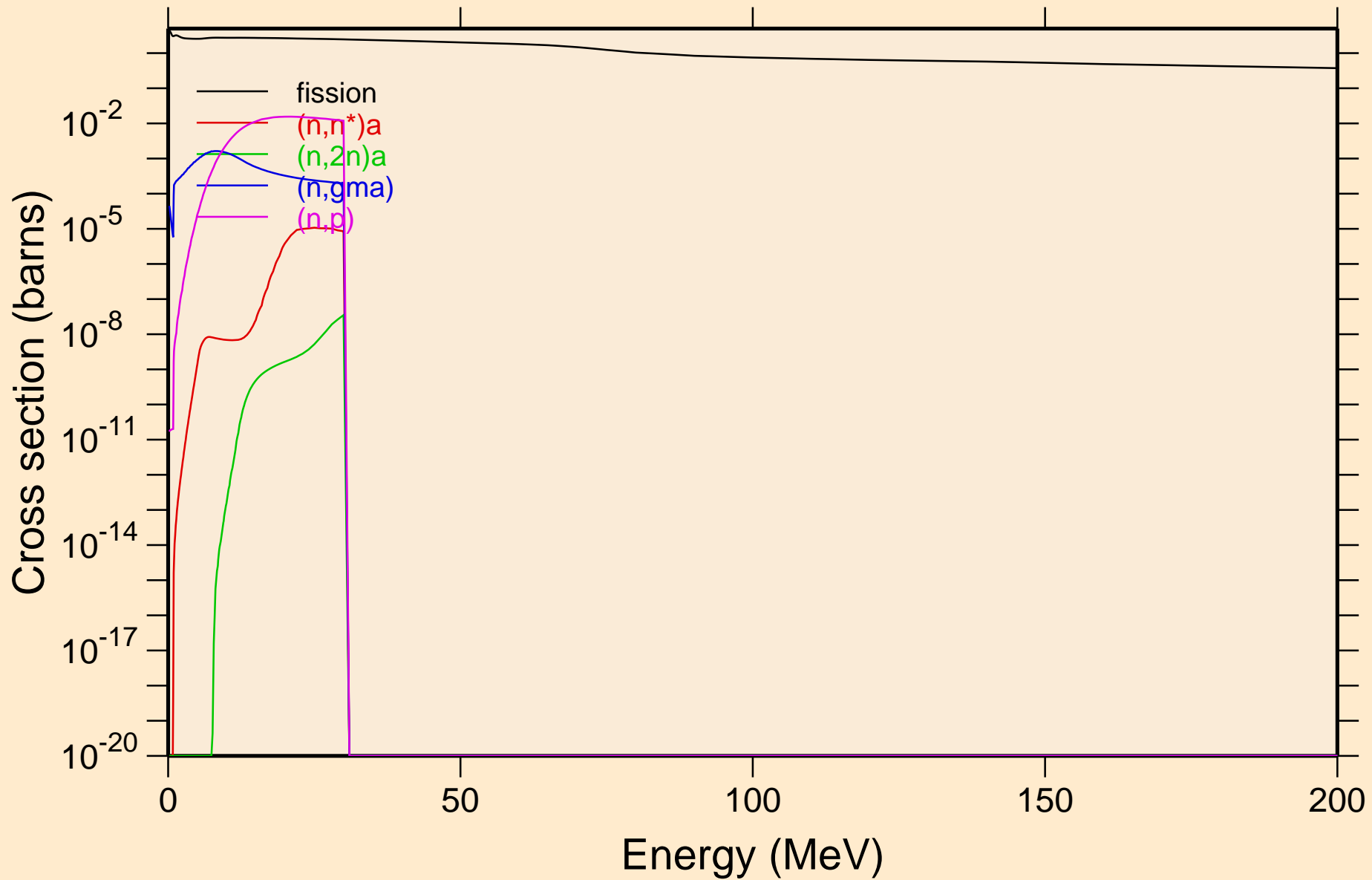
# CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Damage



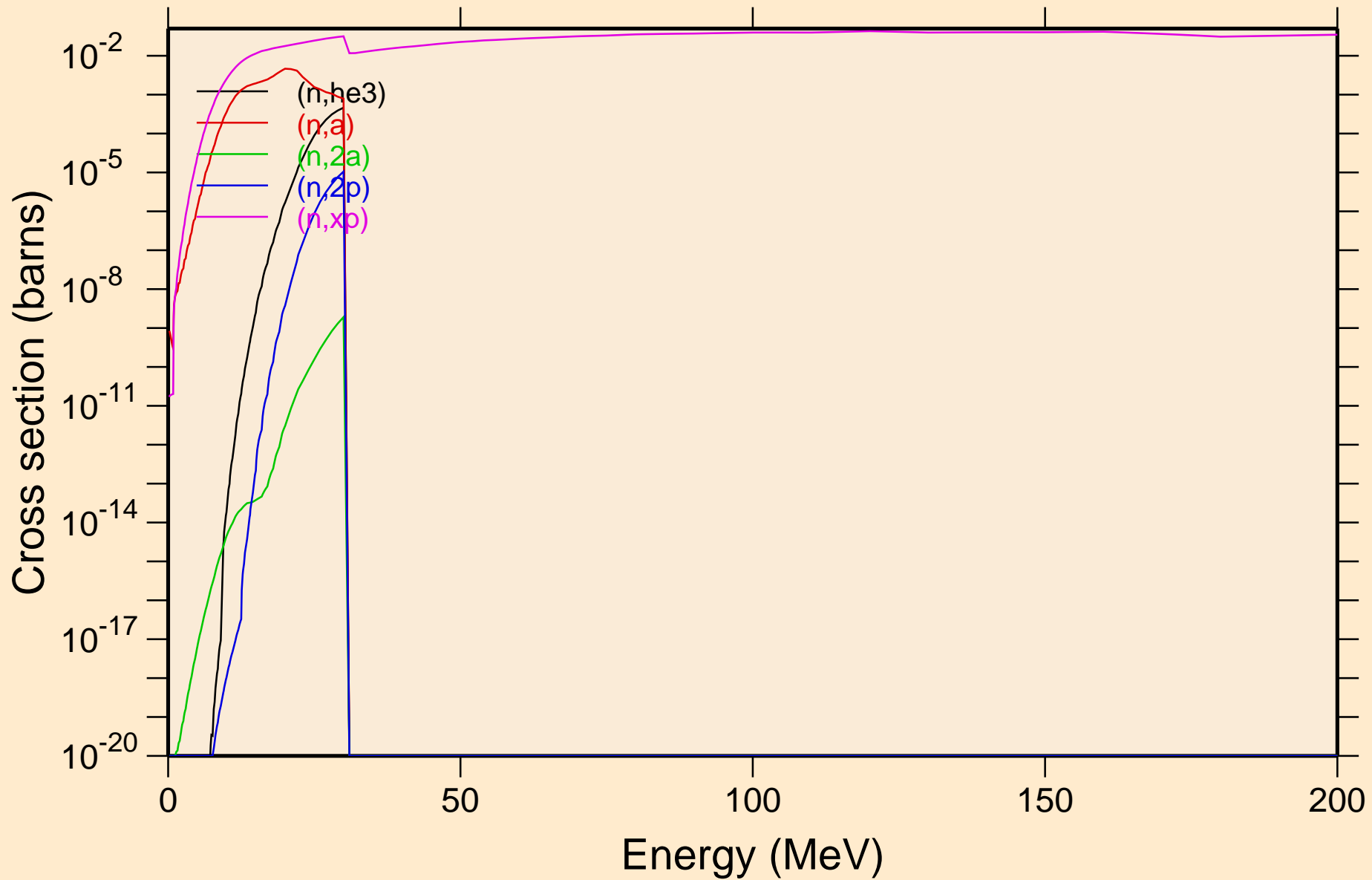
# CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Non-threshold reactions

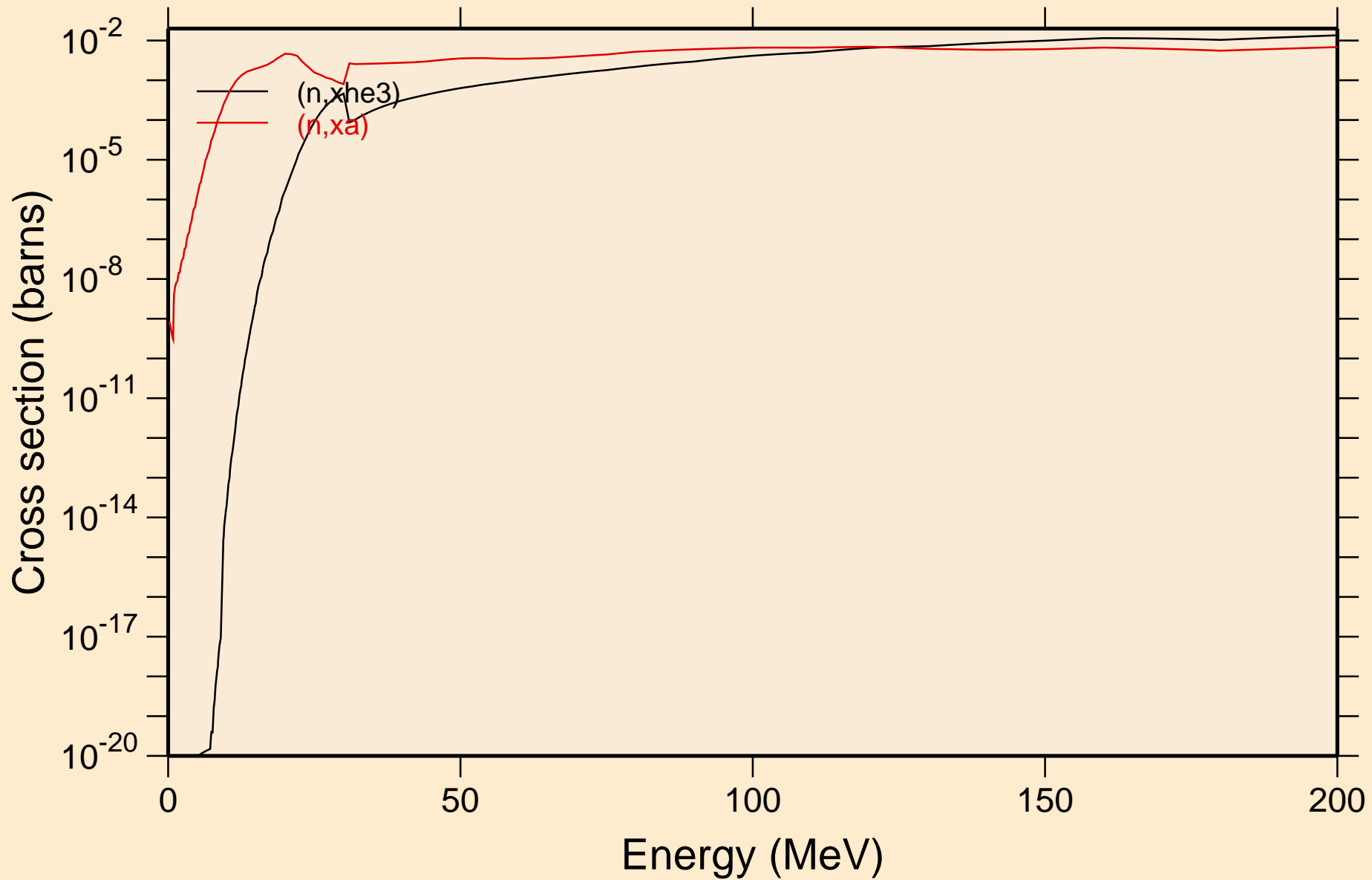


# CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

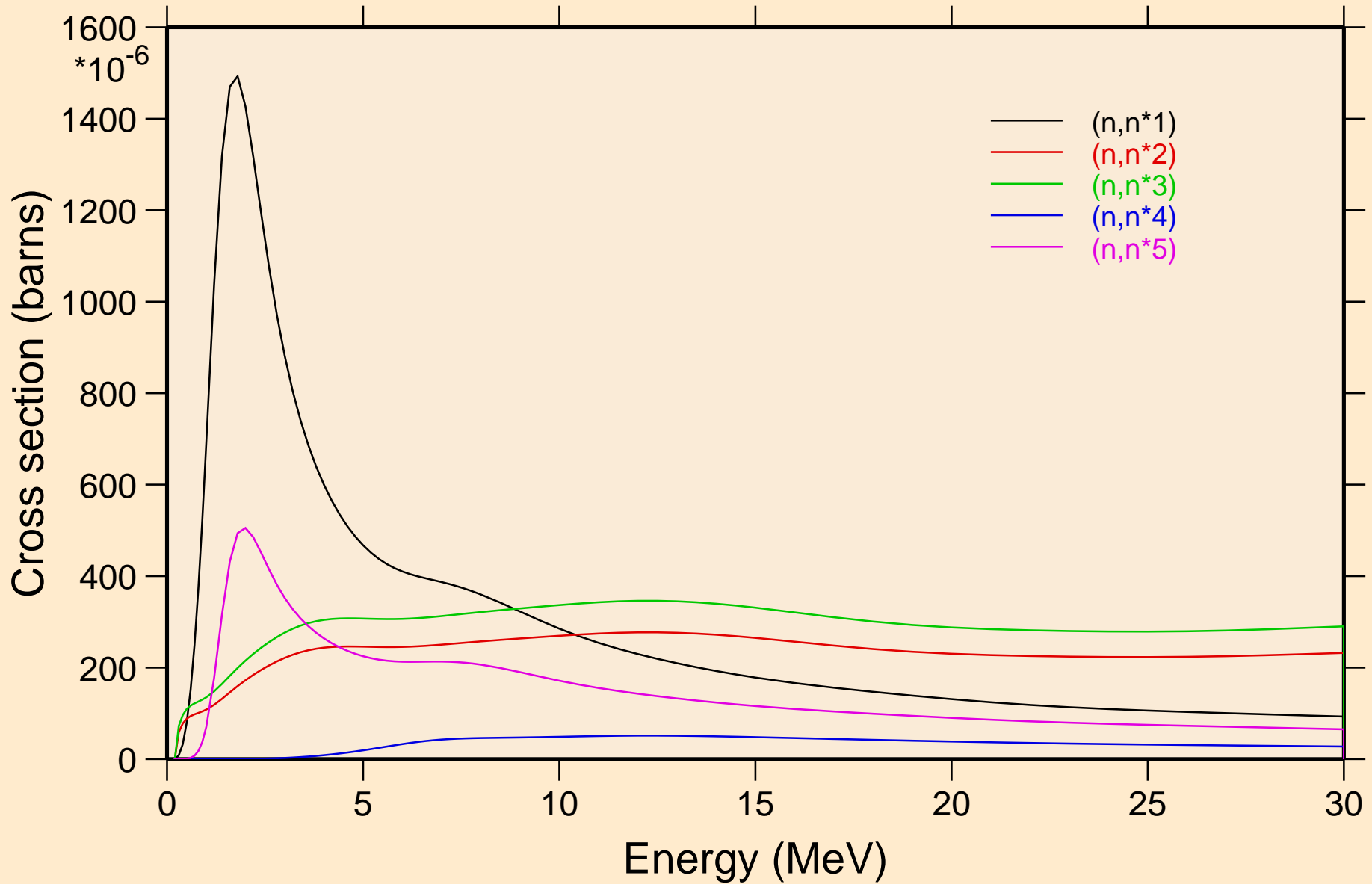
## Non-threshold reactions



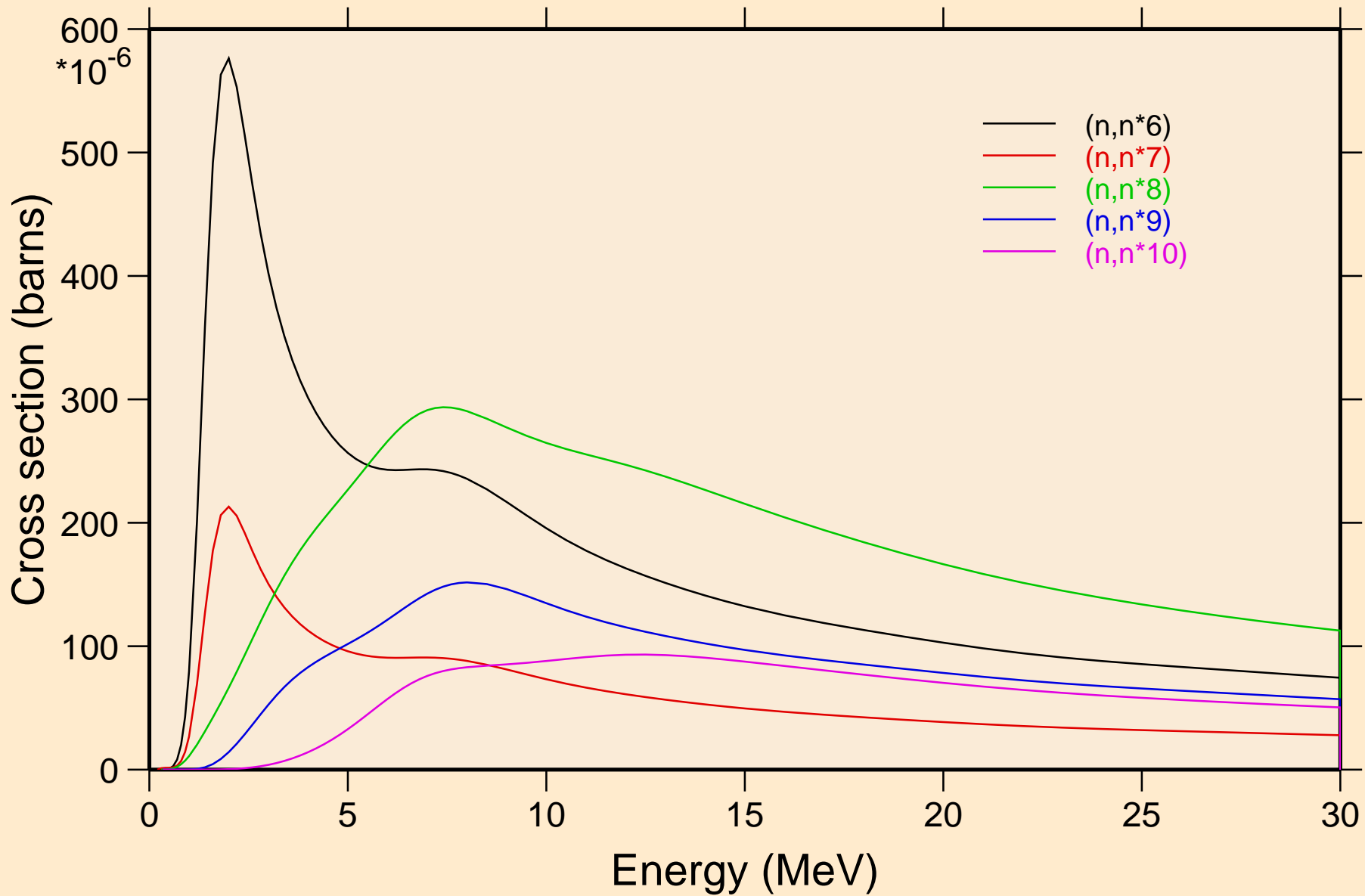
CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

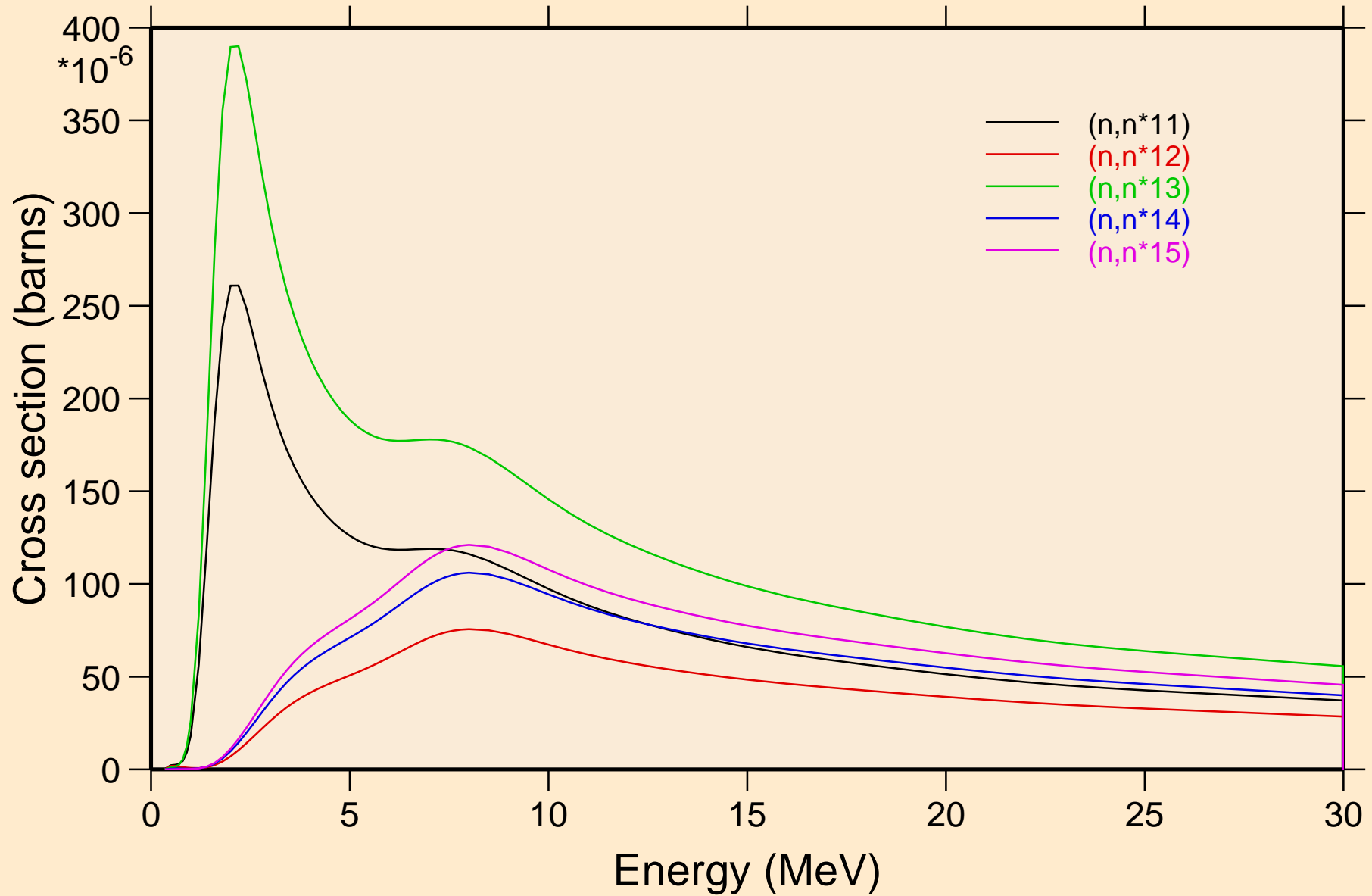


CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

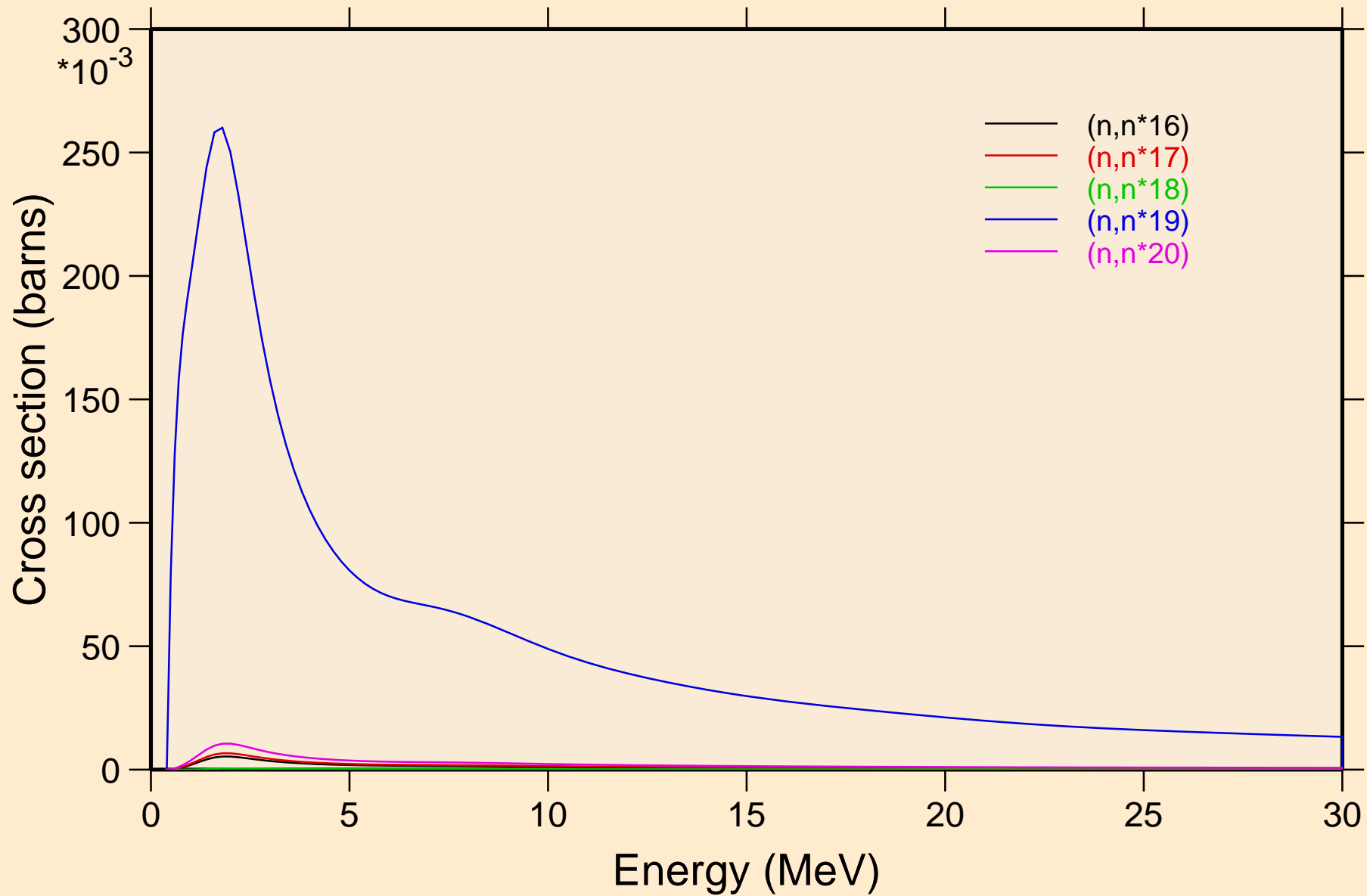


# CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Inelastic levels

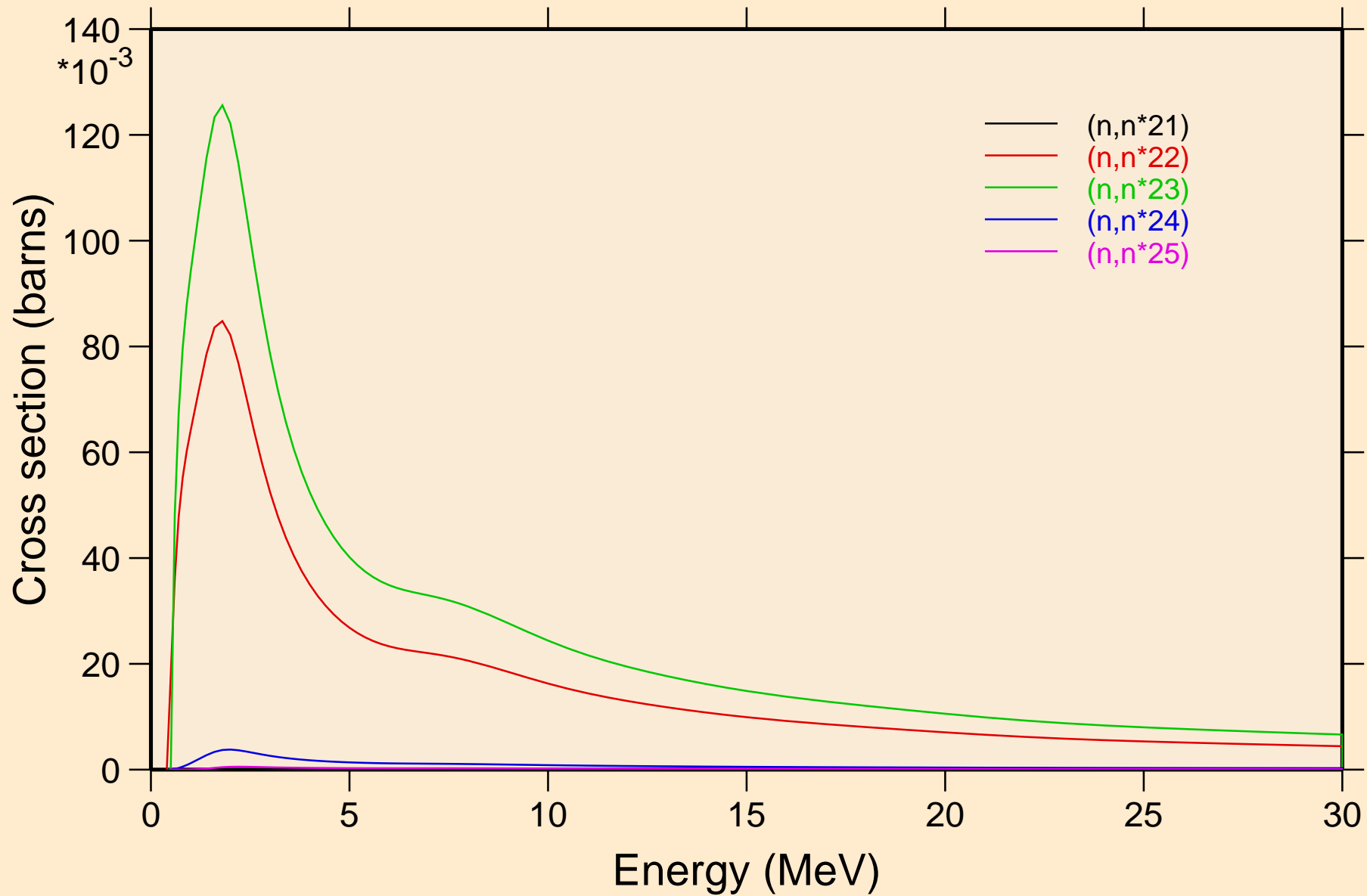


CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

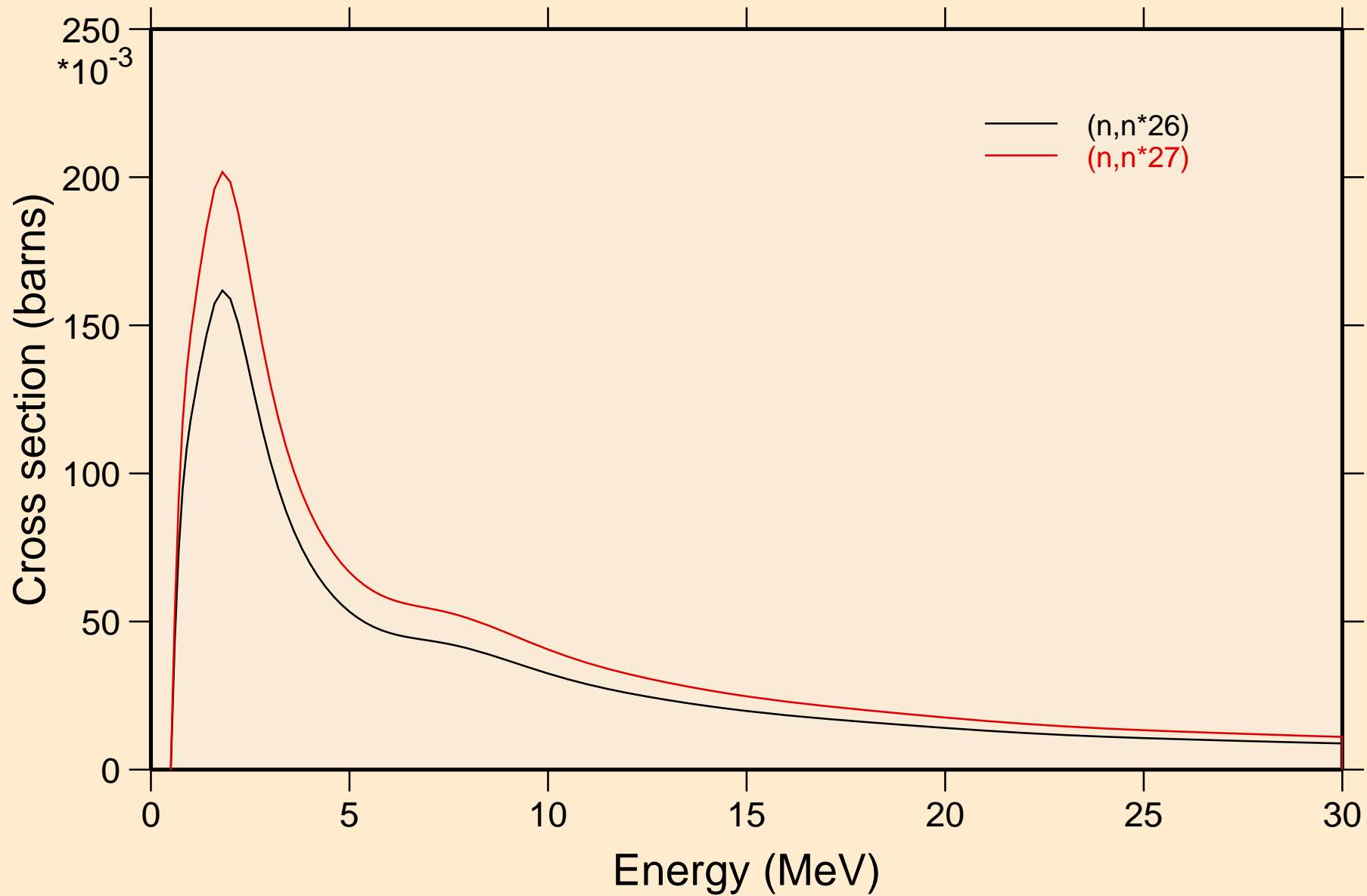




CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

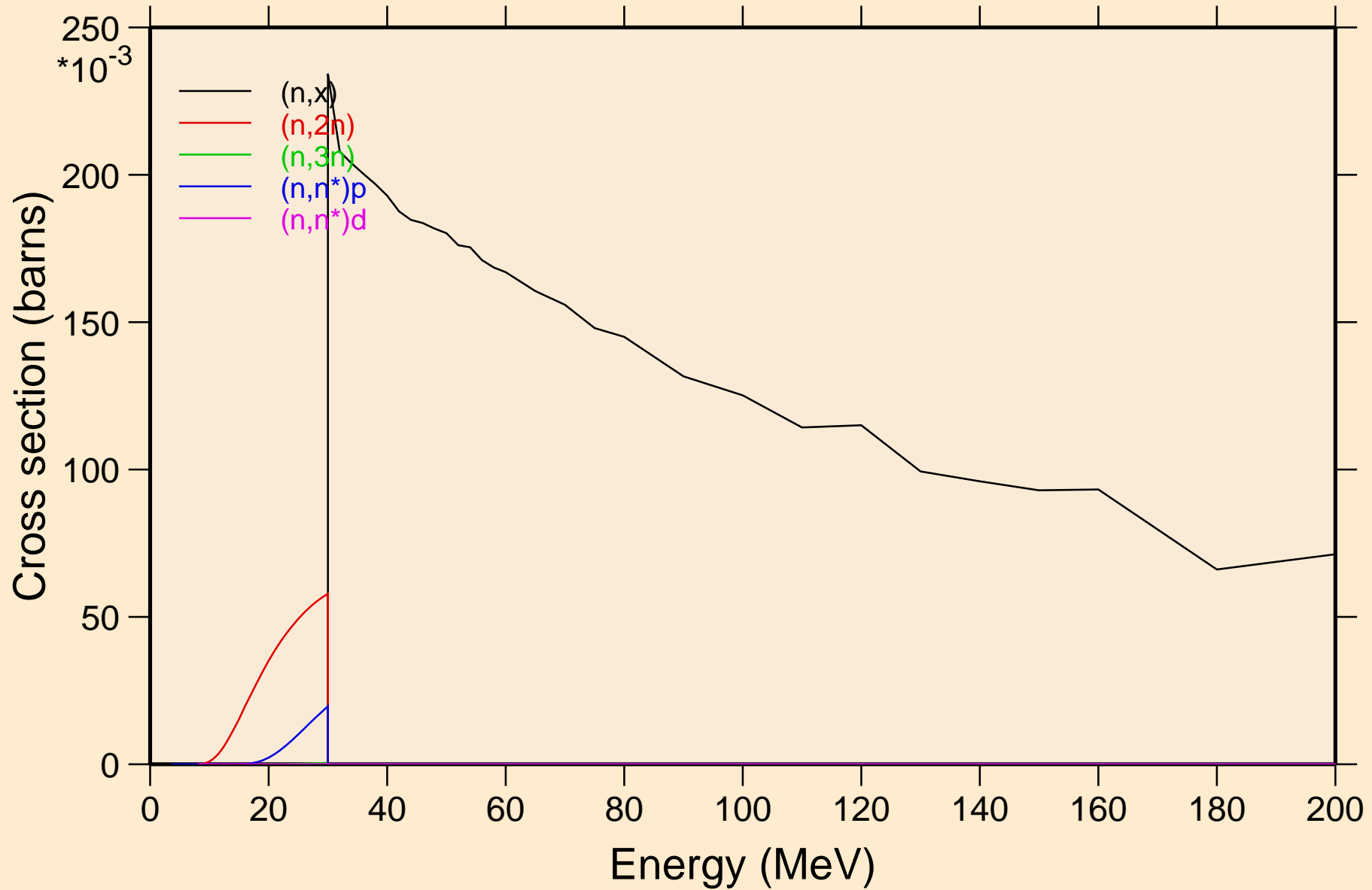


CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



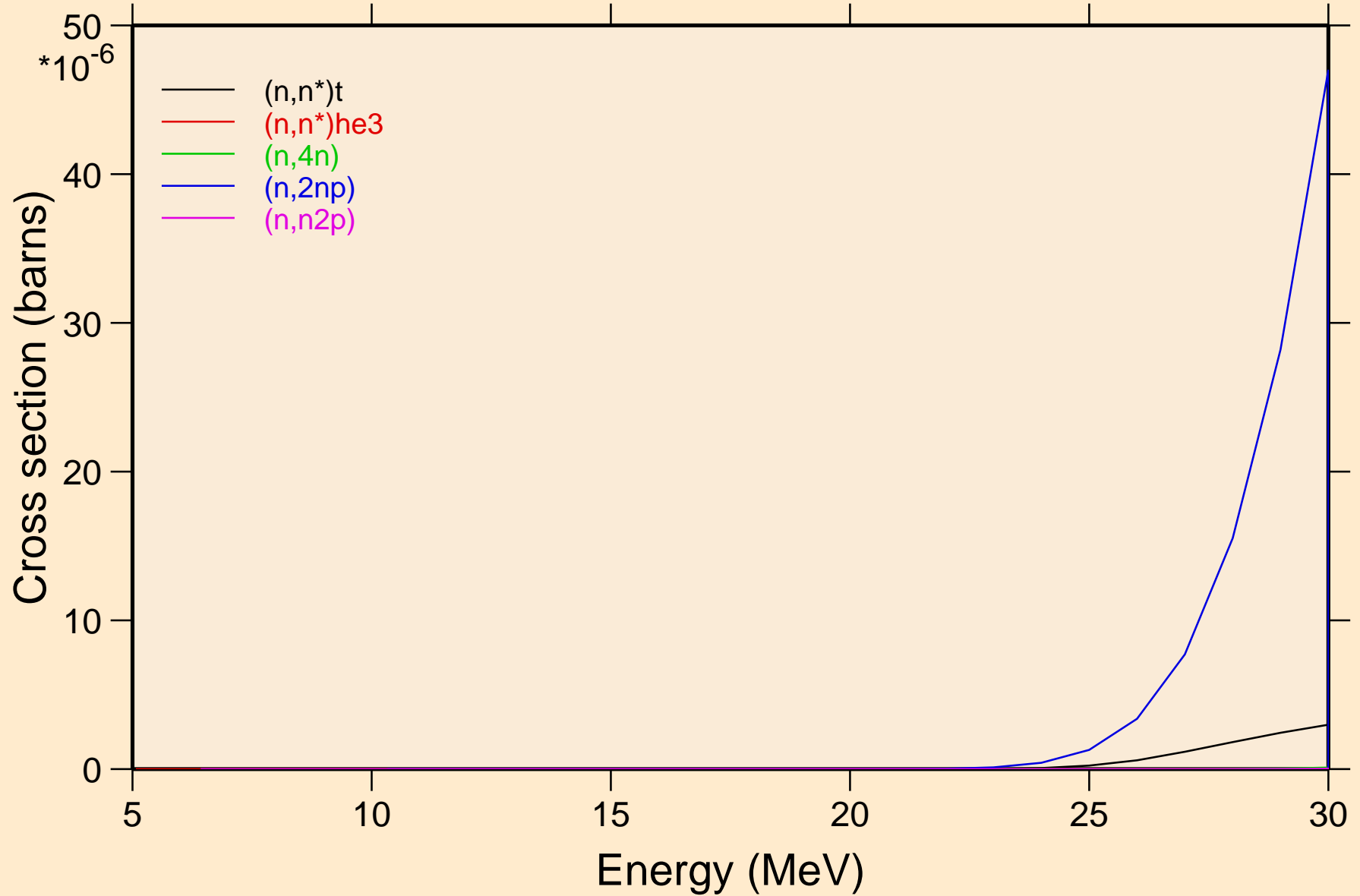
# CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



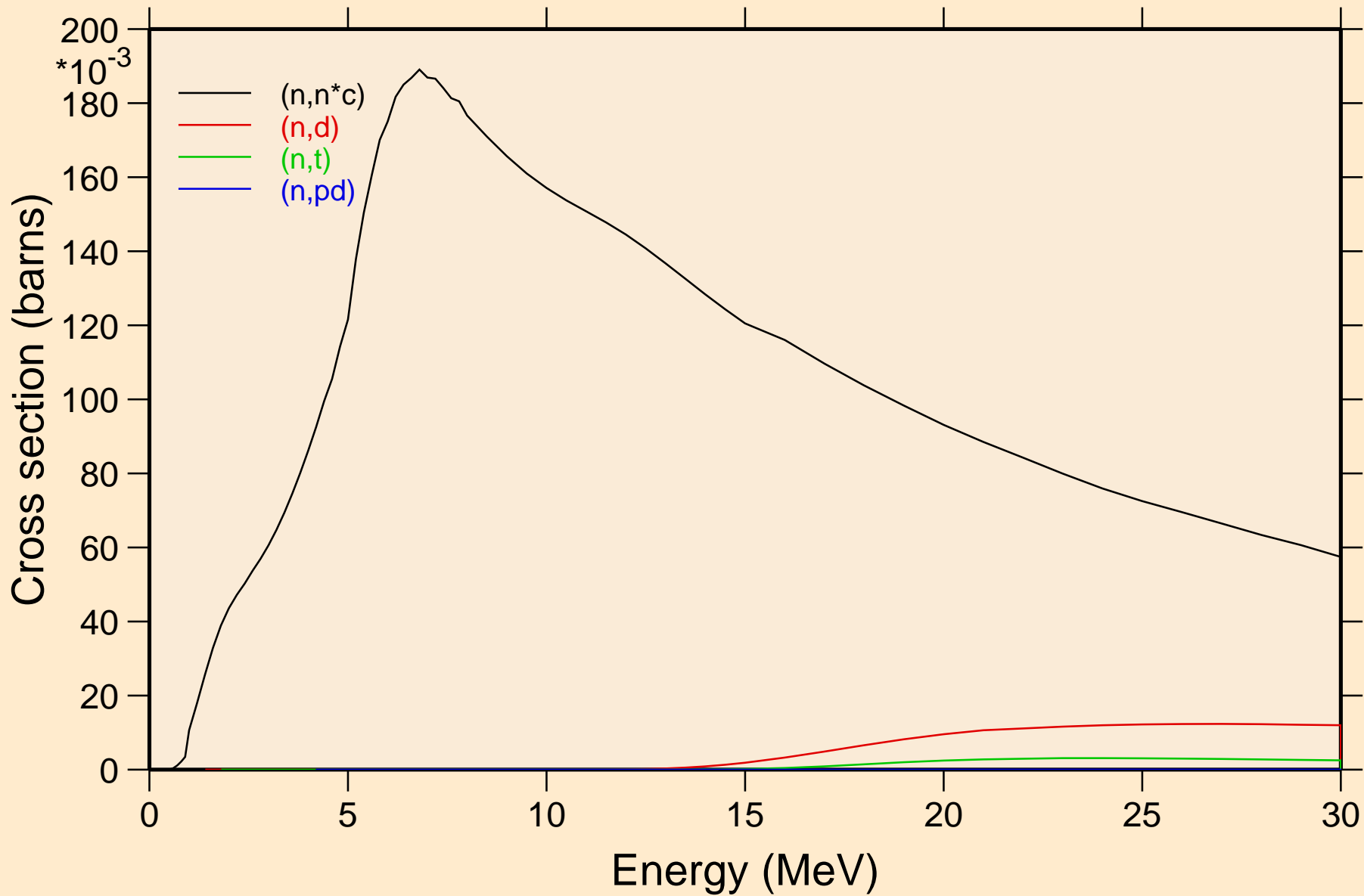
# CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



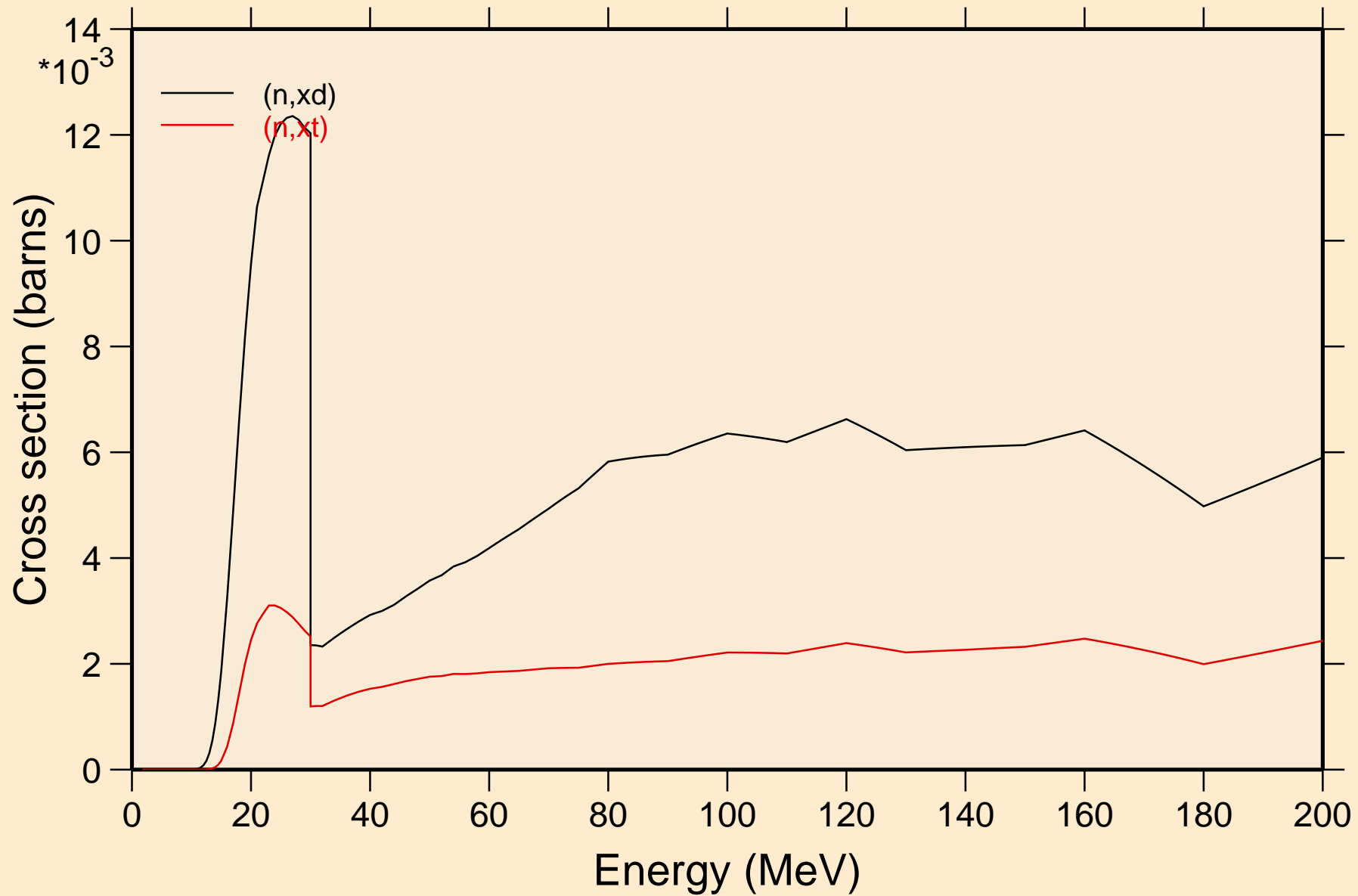
# CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

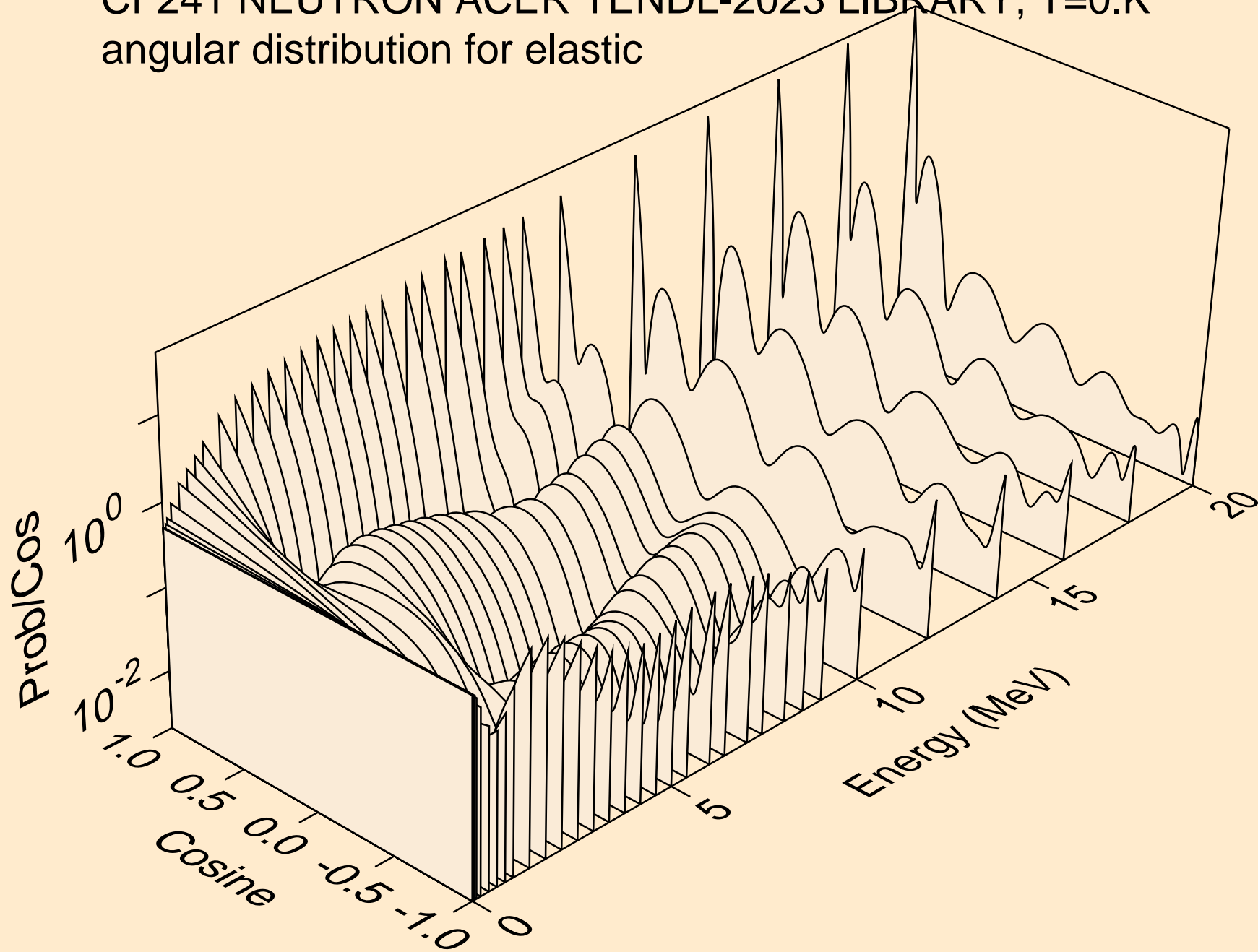


# CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

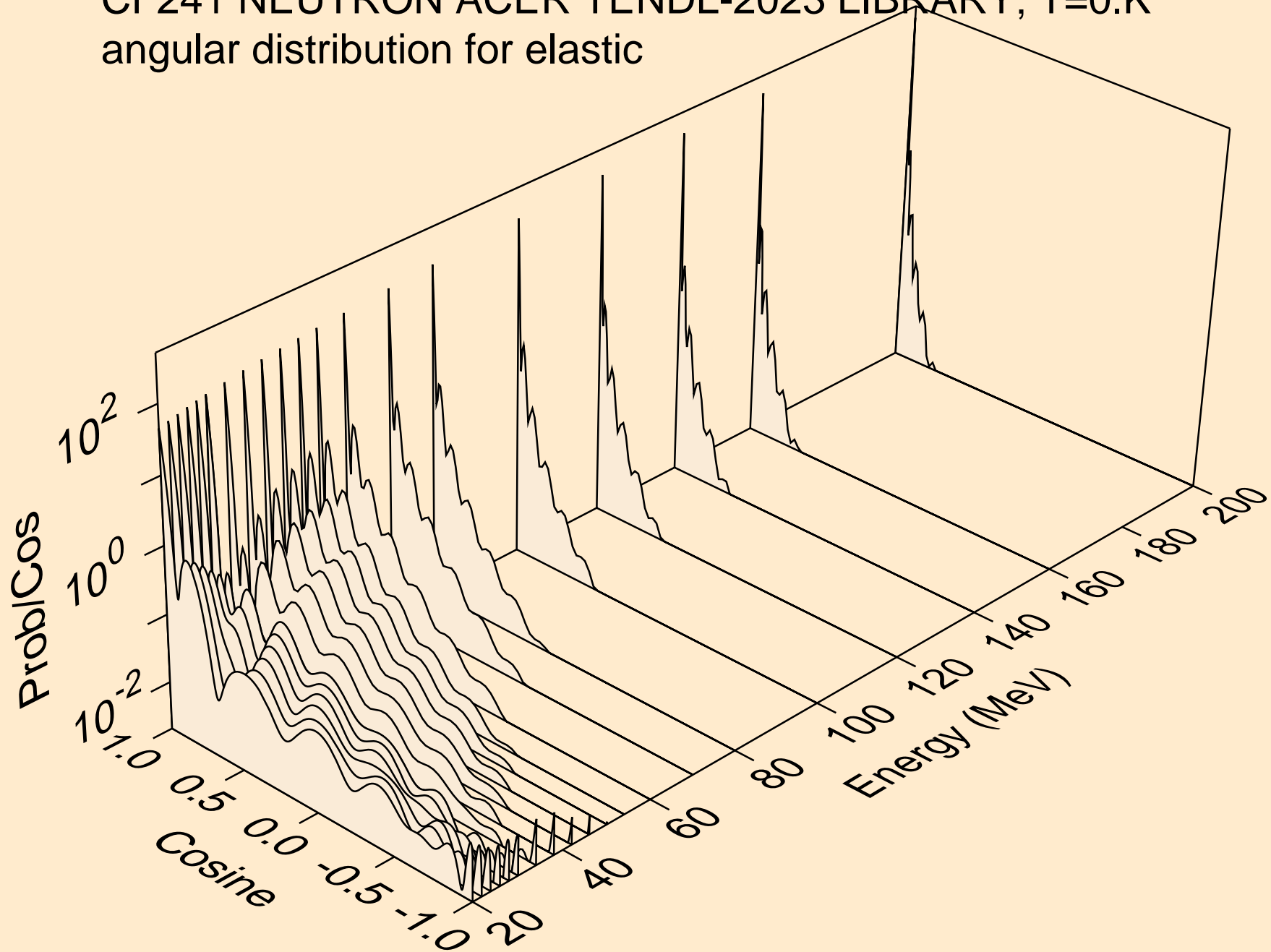
## Threshold reactions



CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

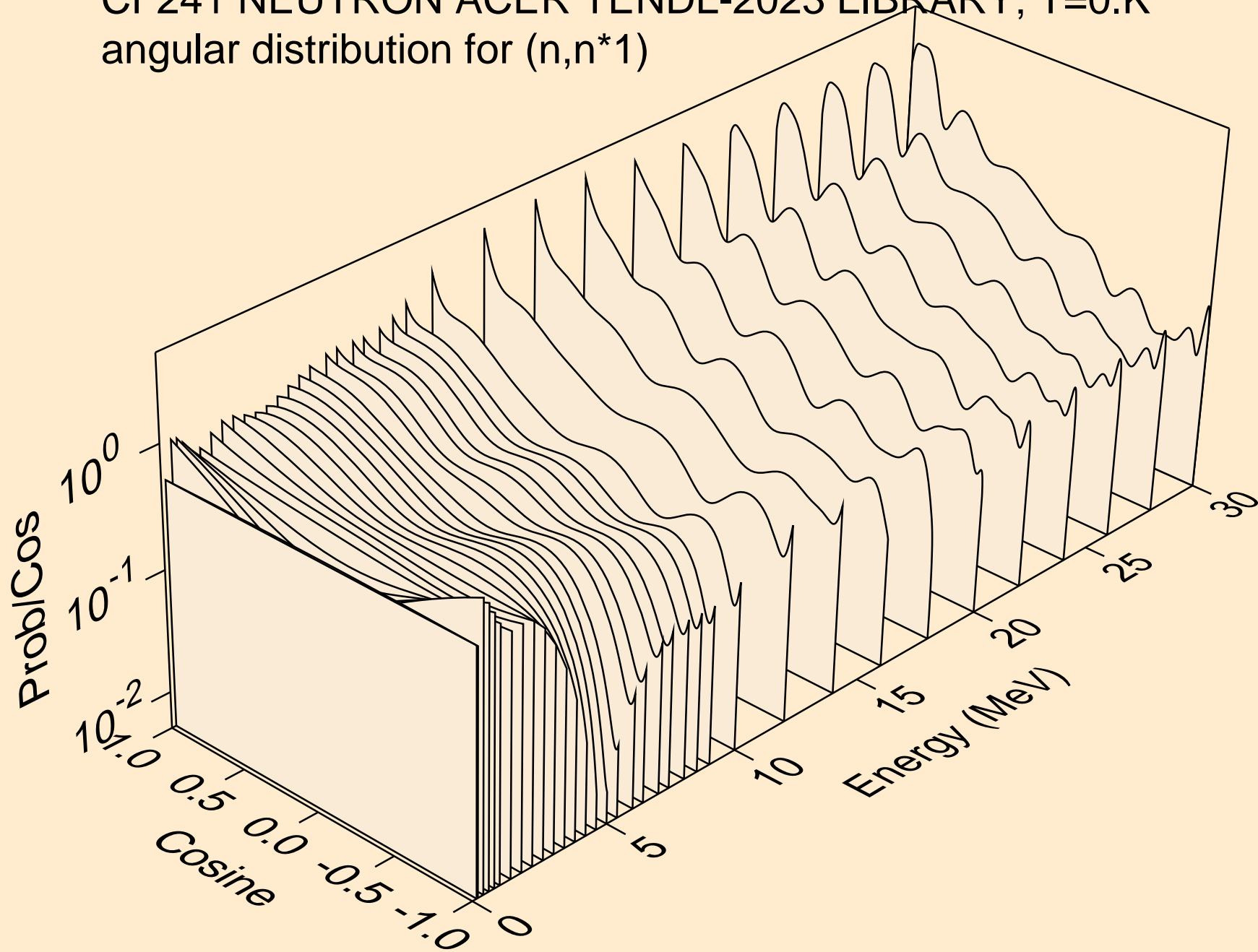


CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

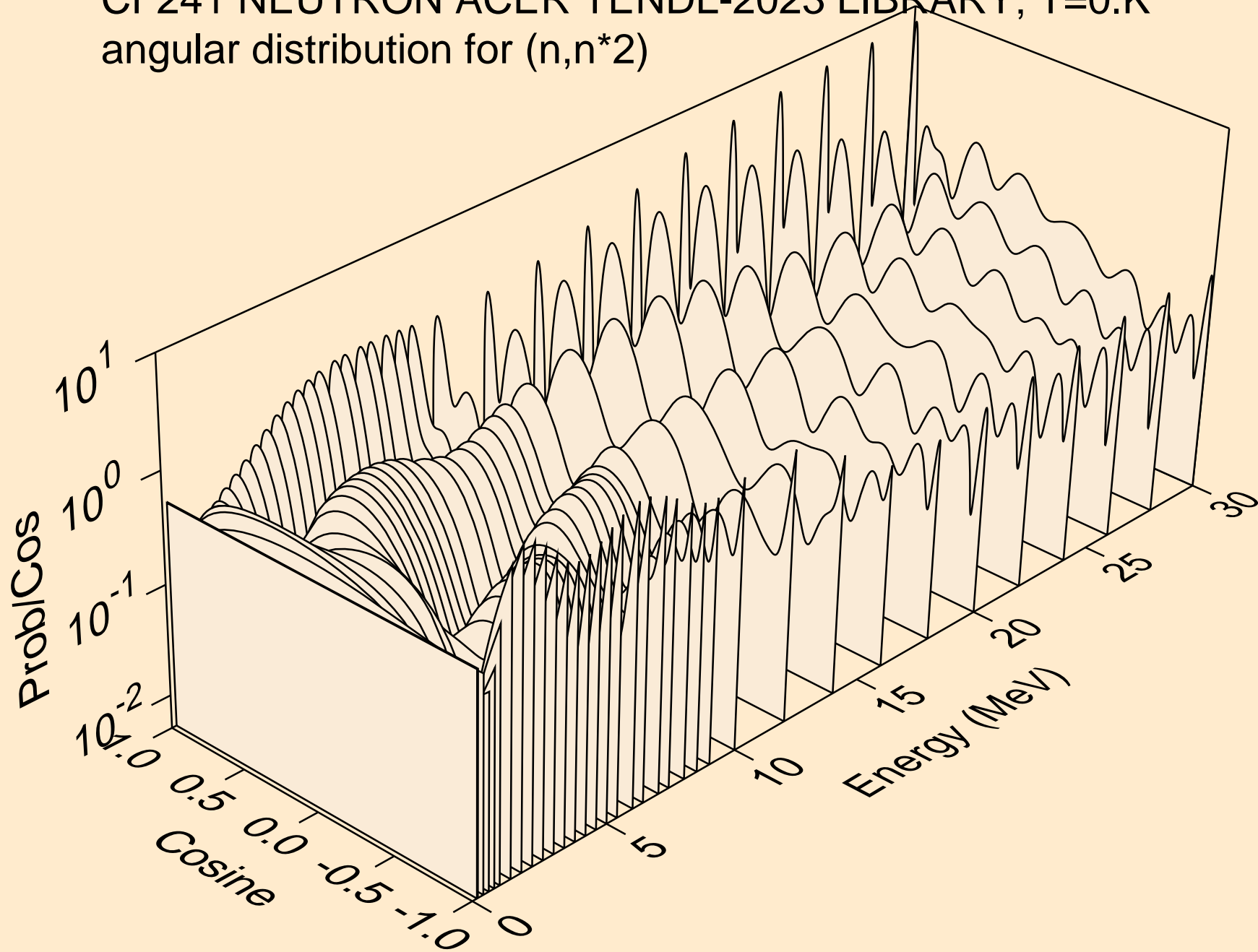




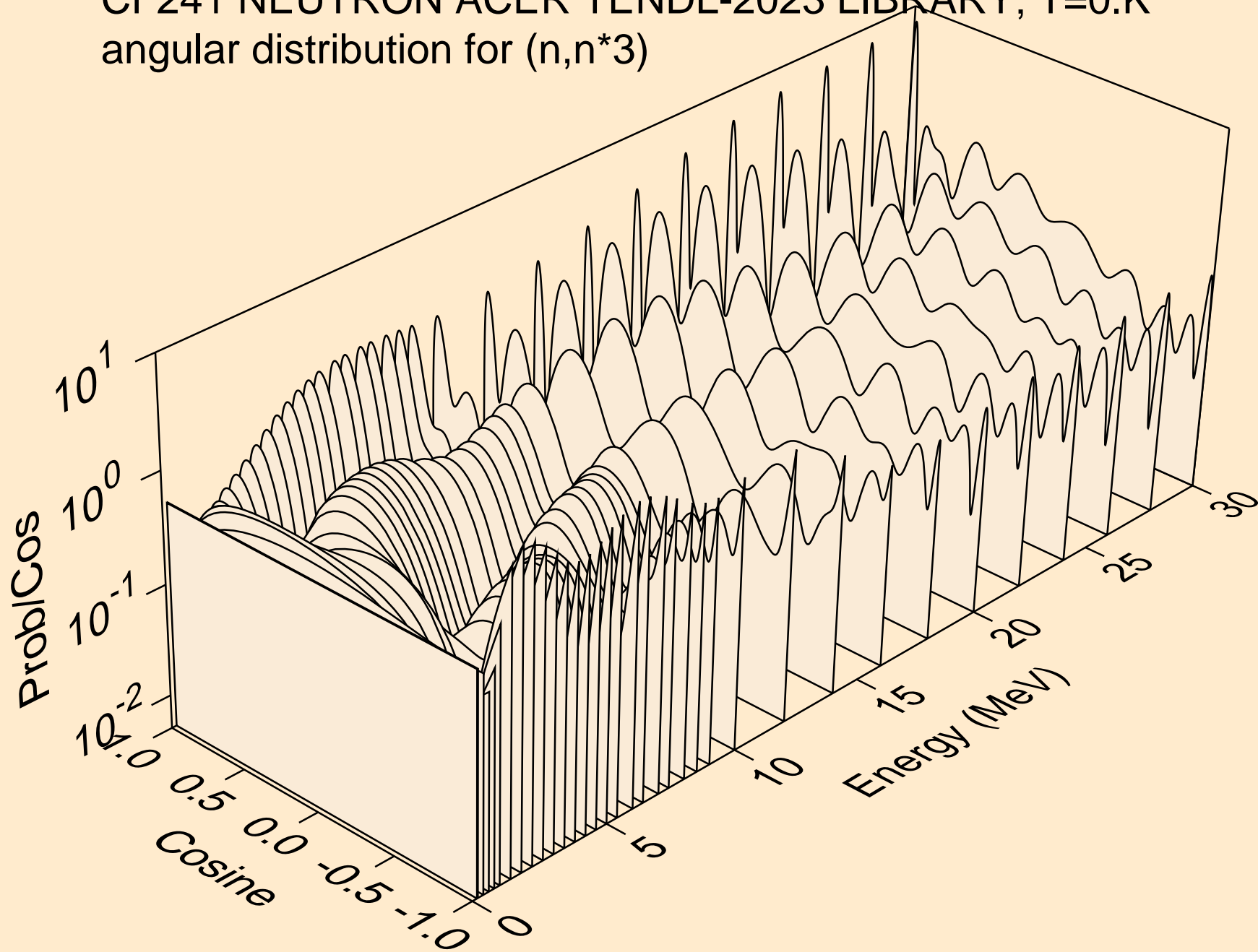
CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



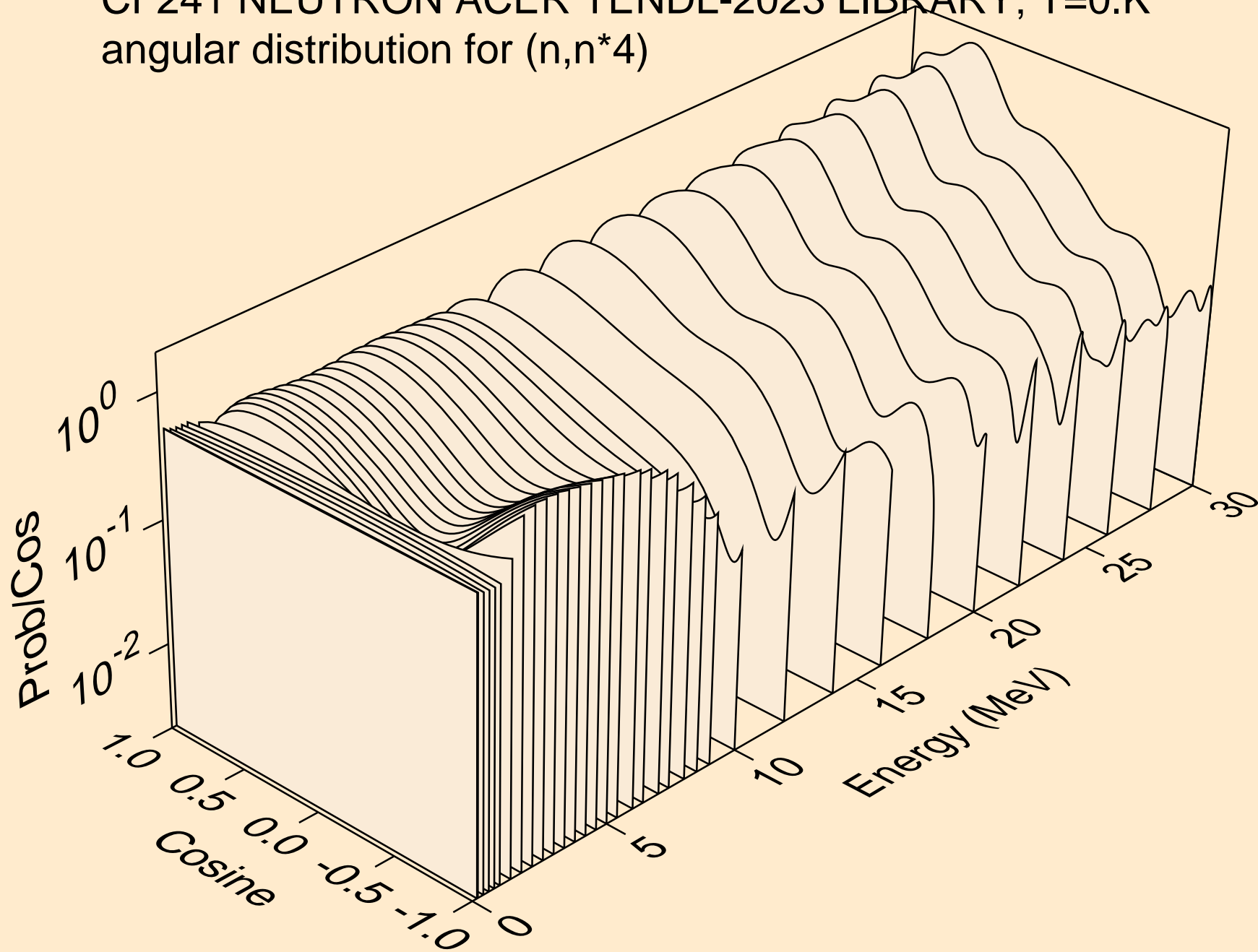
CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



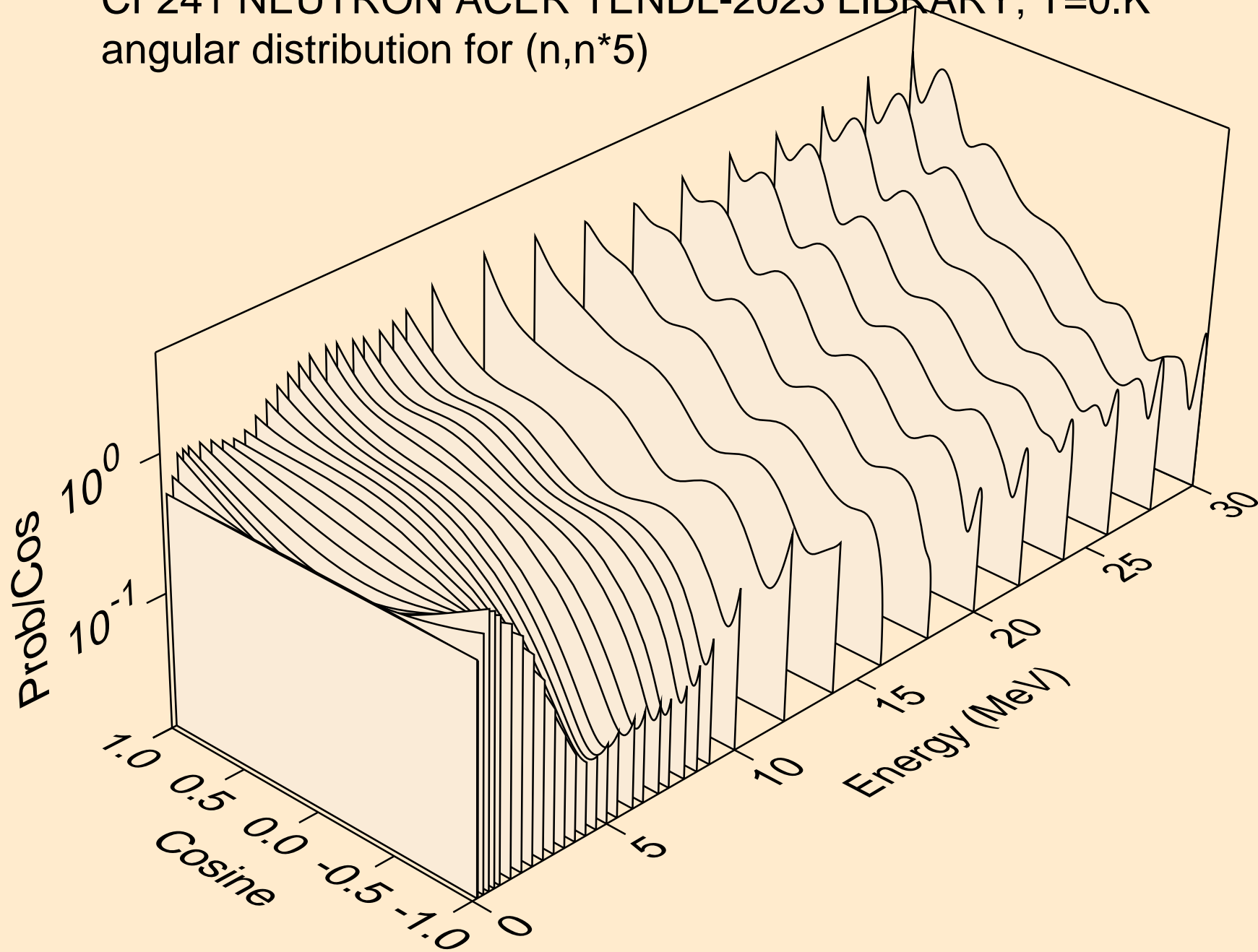
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angular distribution for (n,n\*3)



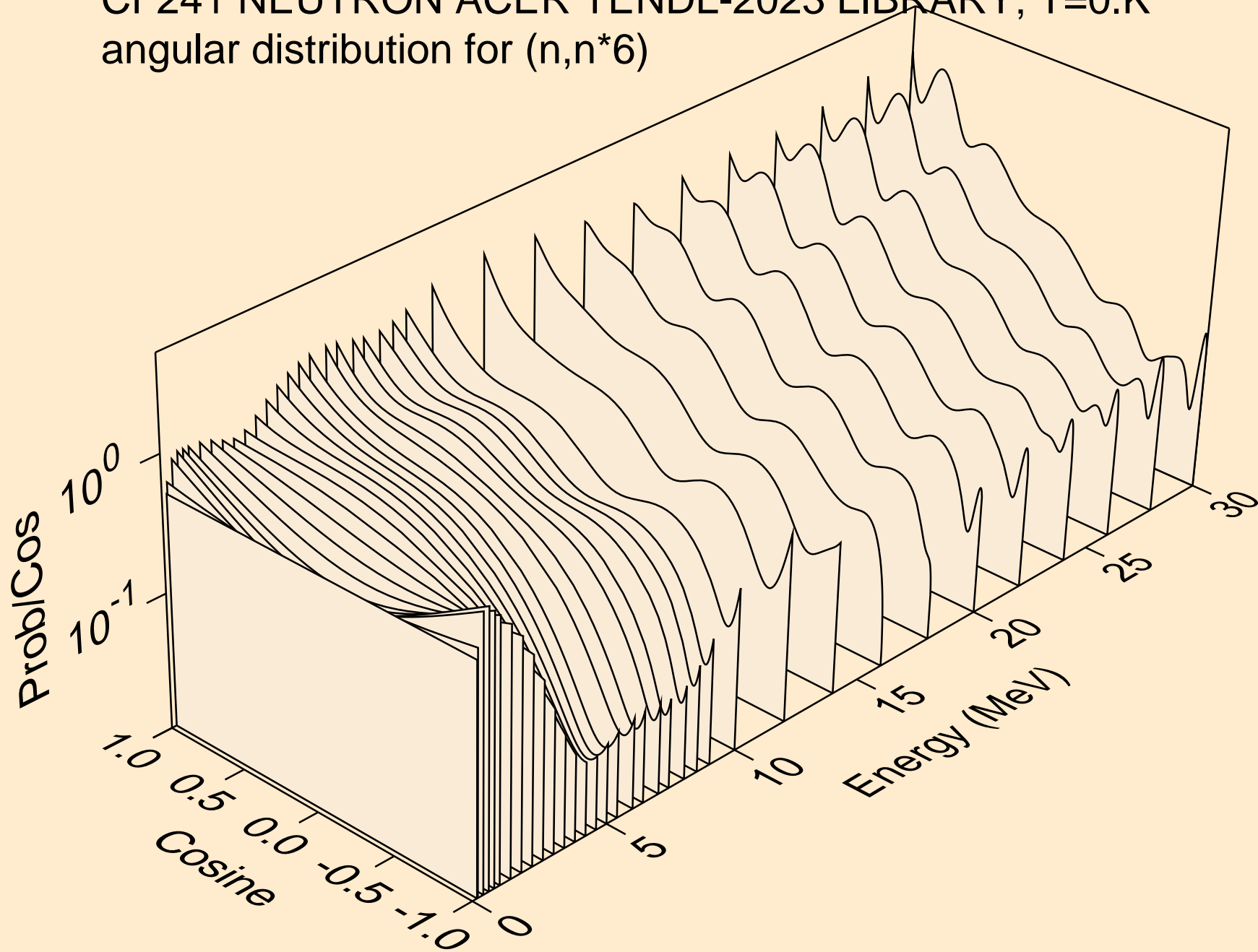
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angular distribution for (n,n\*4)



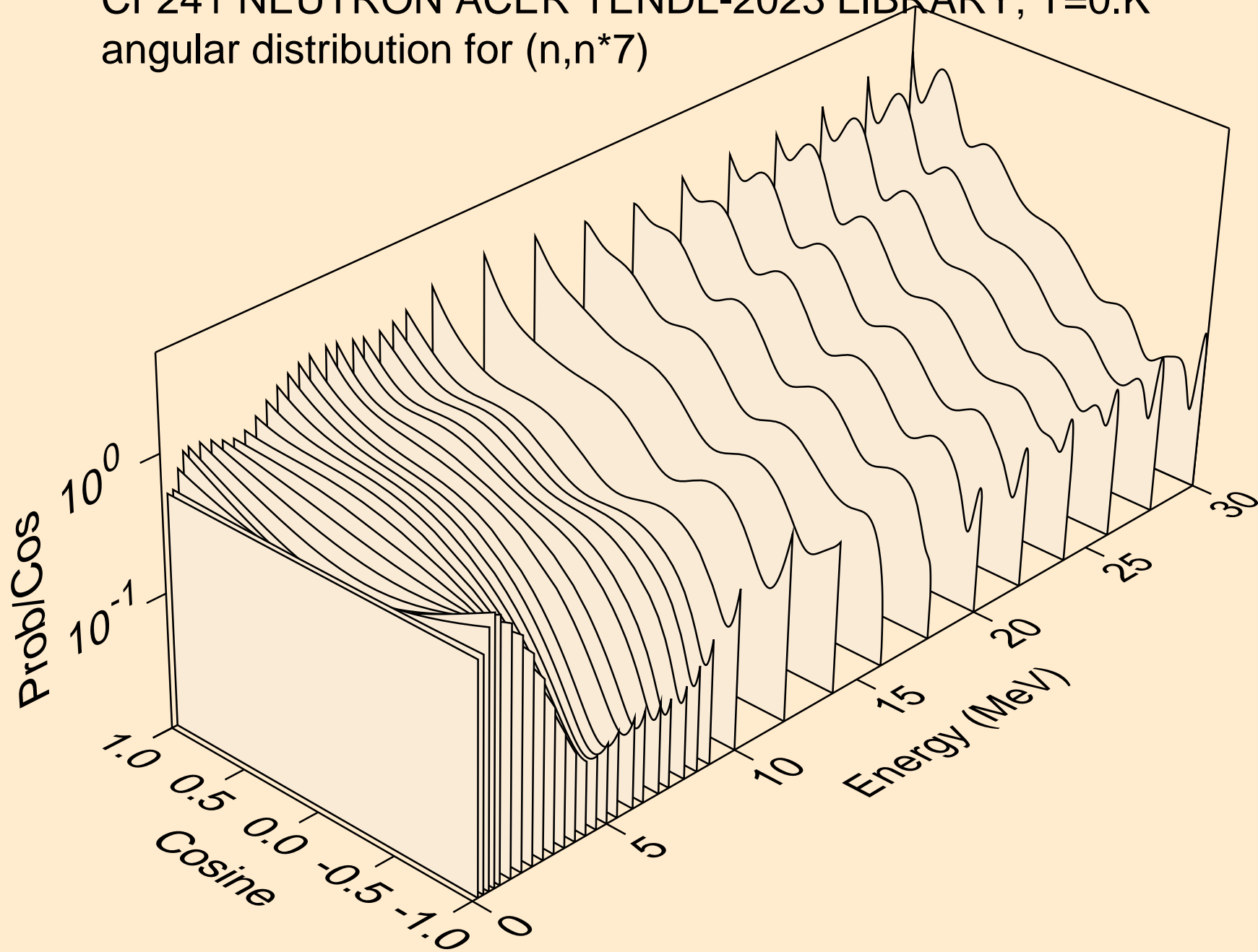
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angular distribution for (n,n\*5)



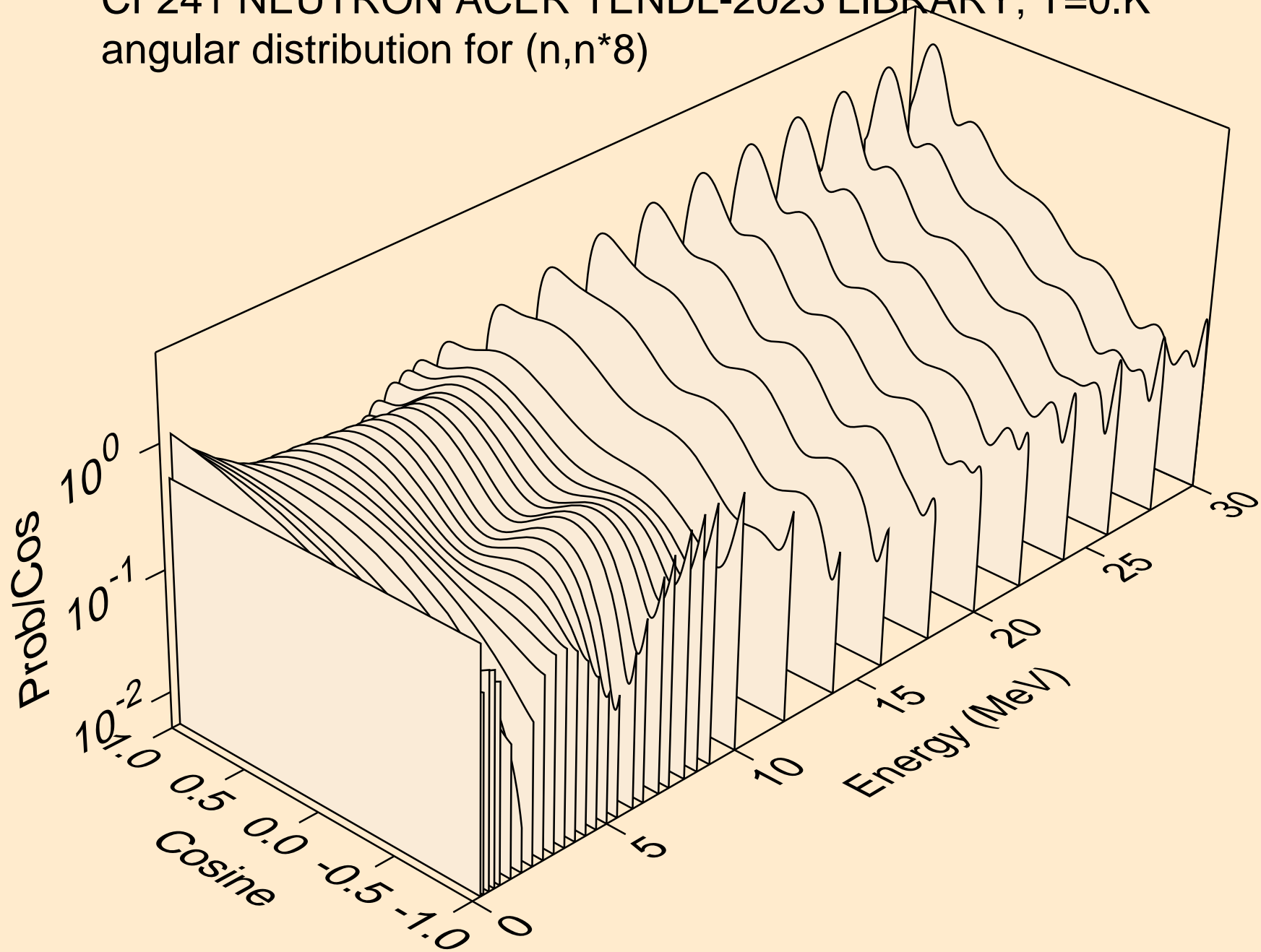
CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*7)

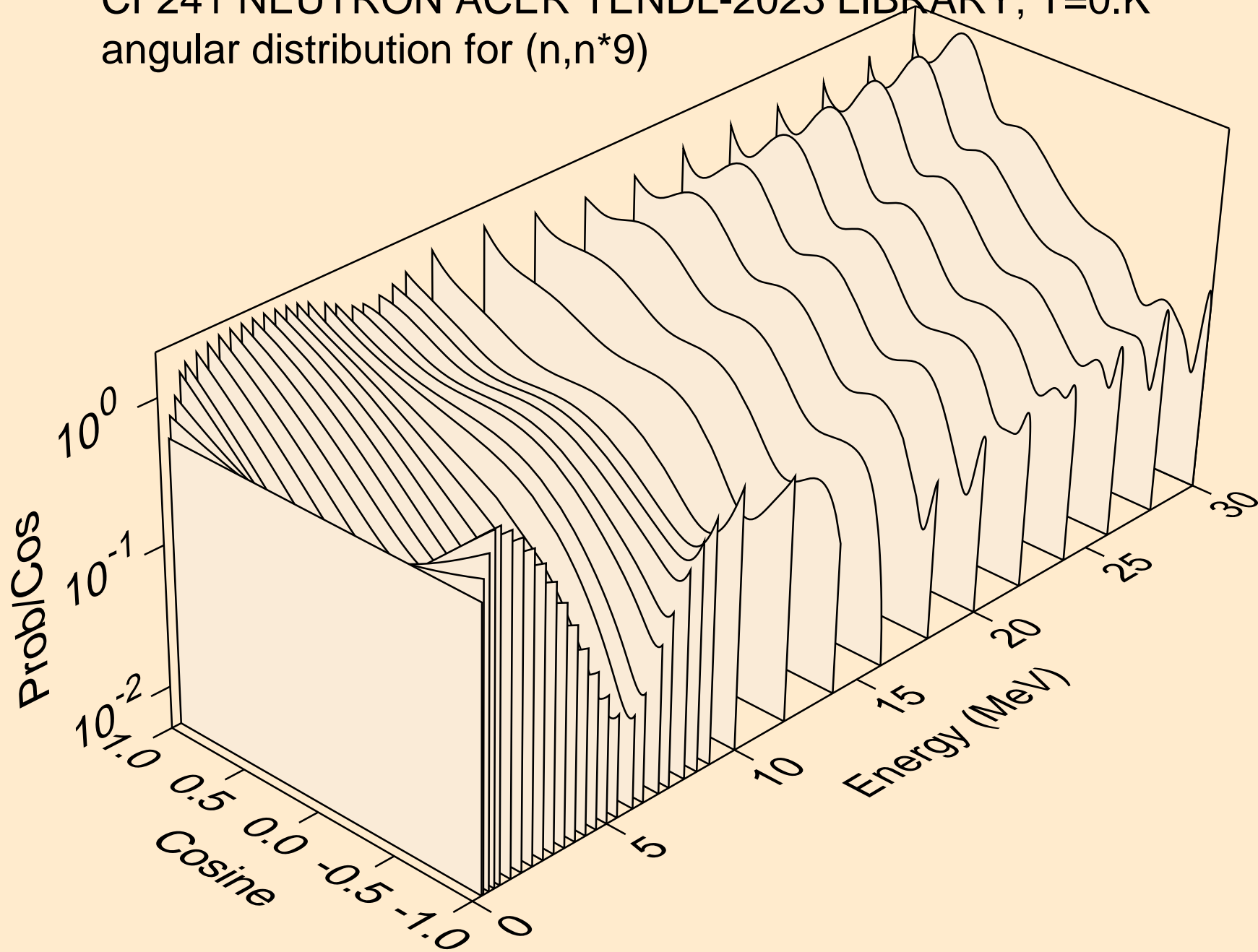


CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*8)

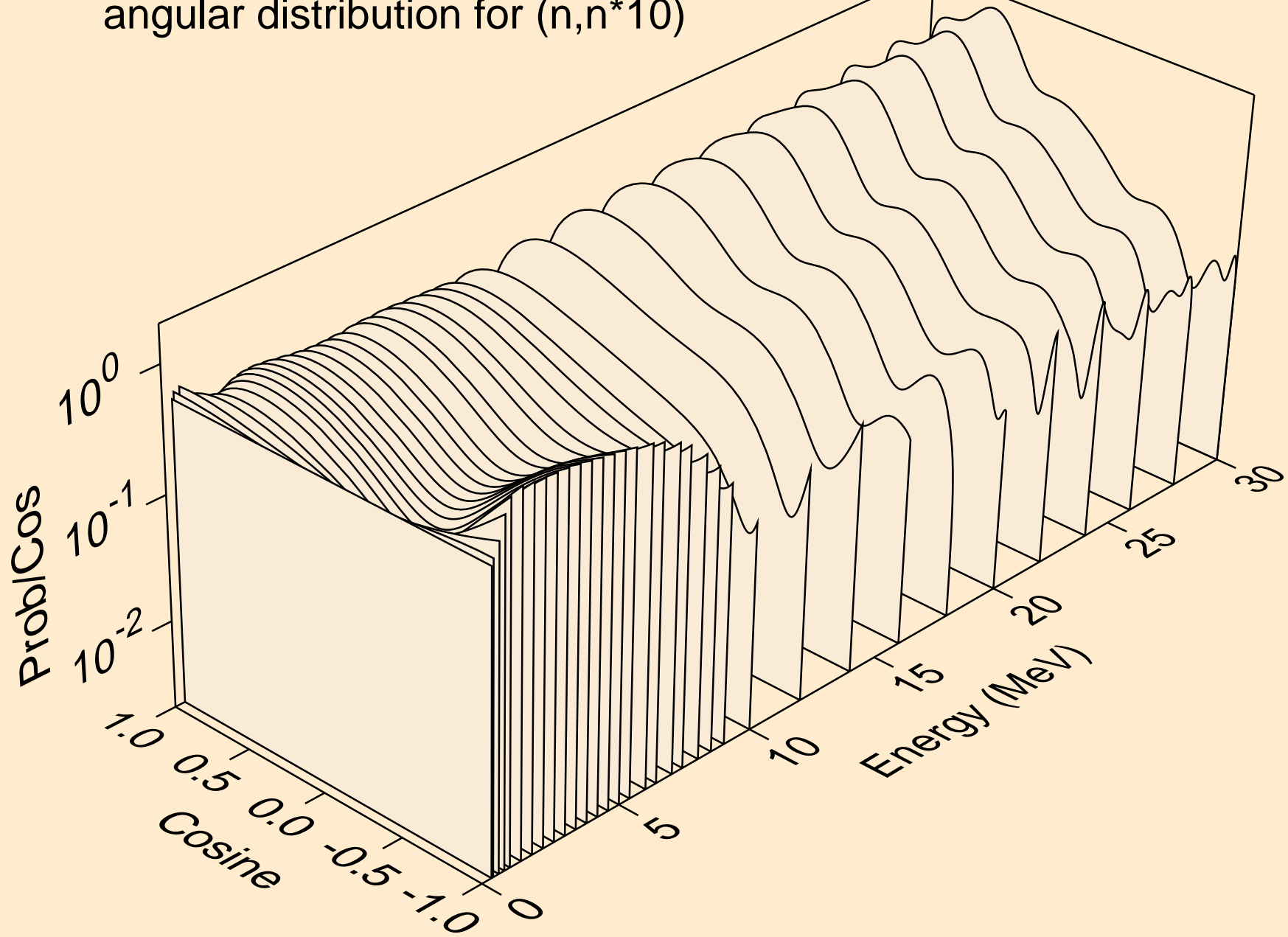




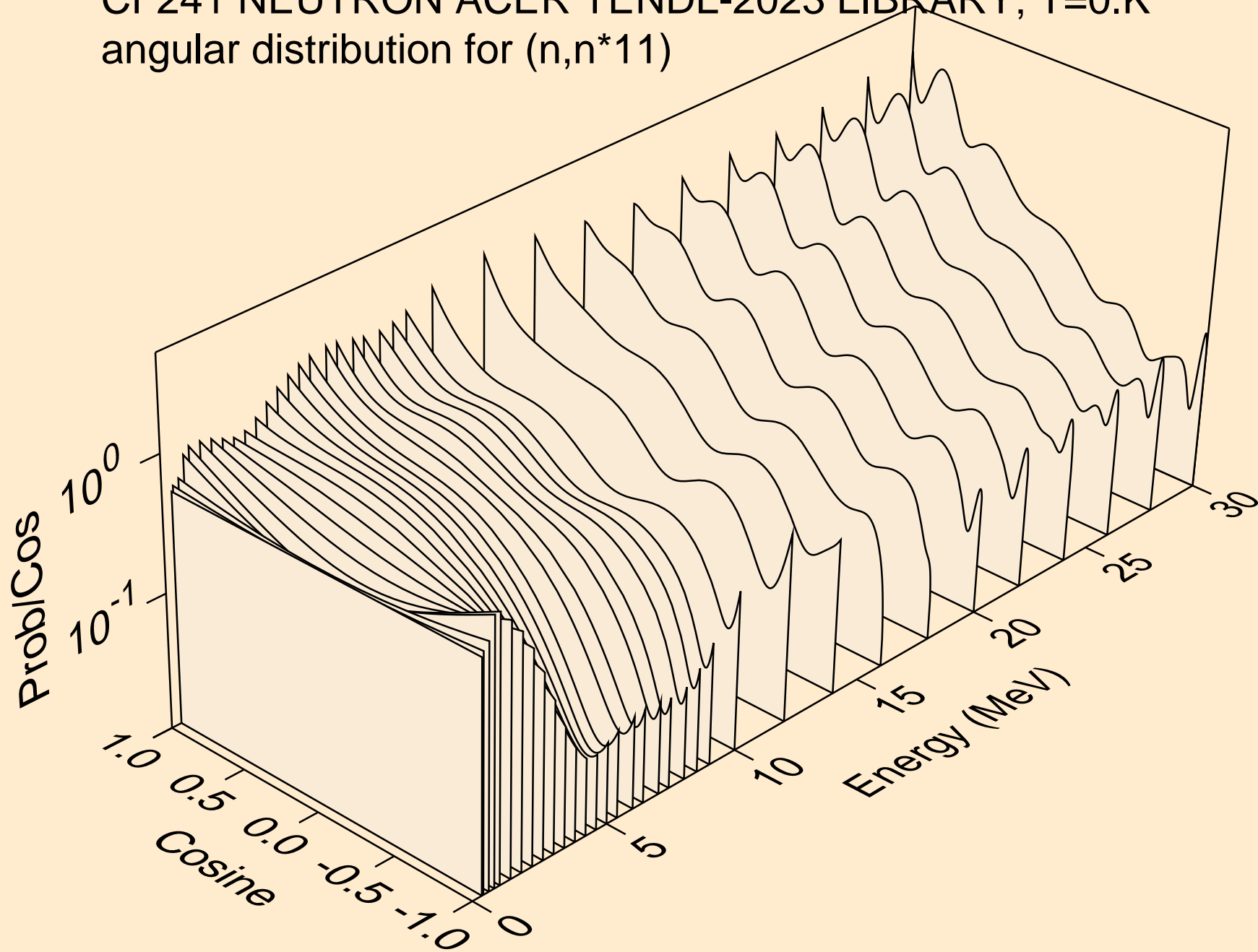
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angular distribution for (n,n\*9)



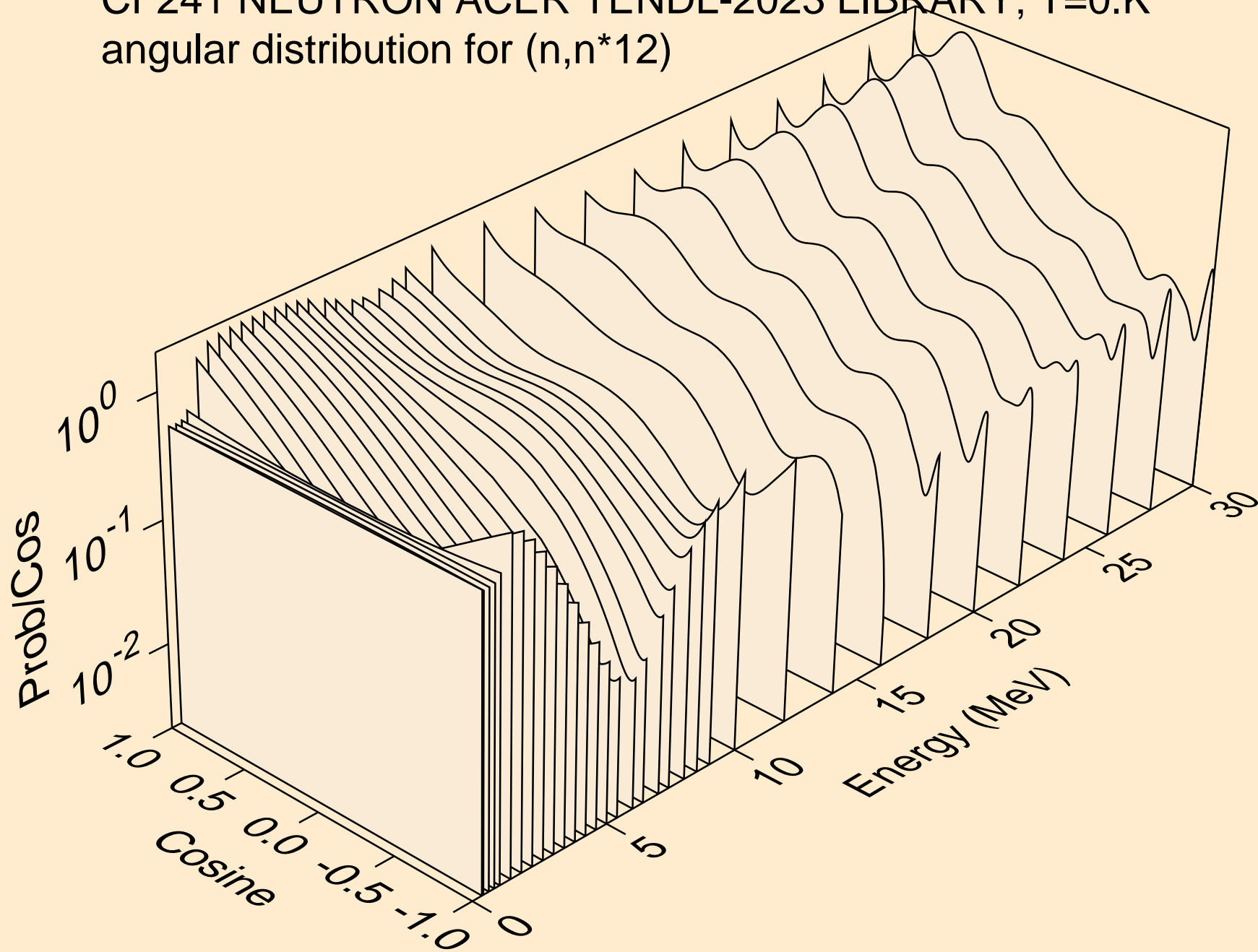
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angular distribution for (n,n\*10)



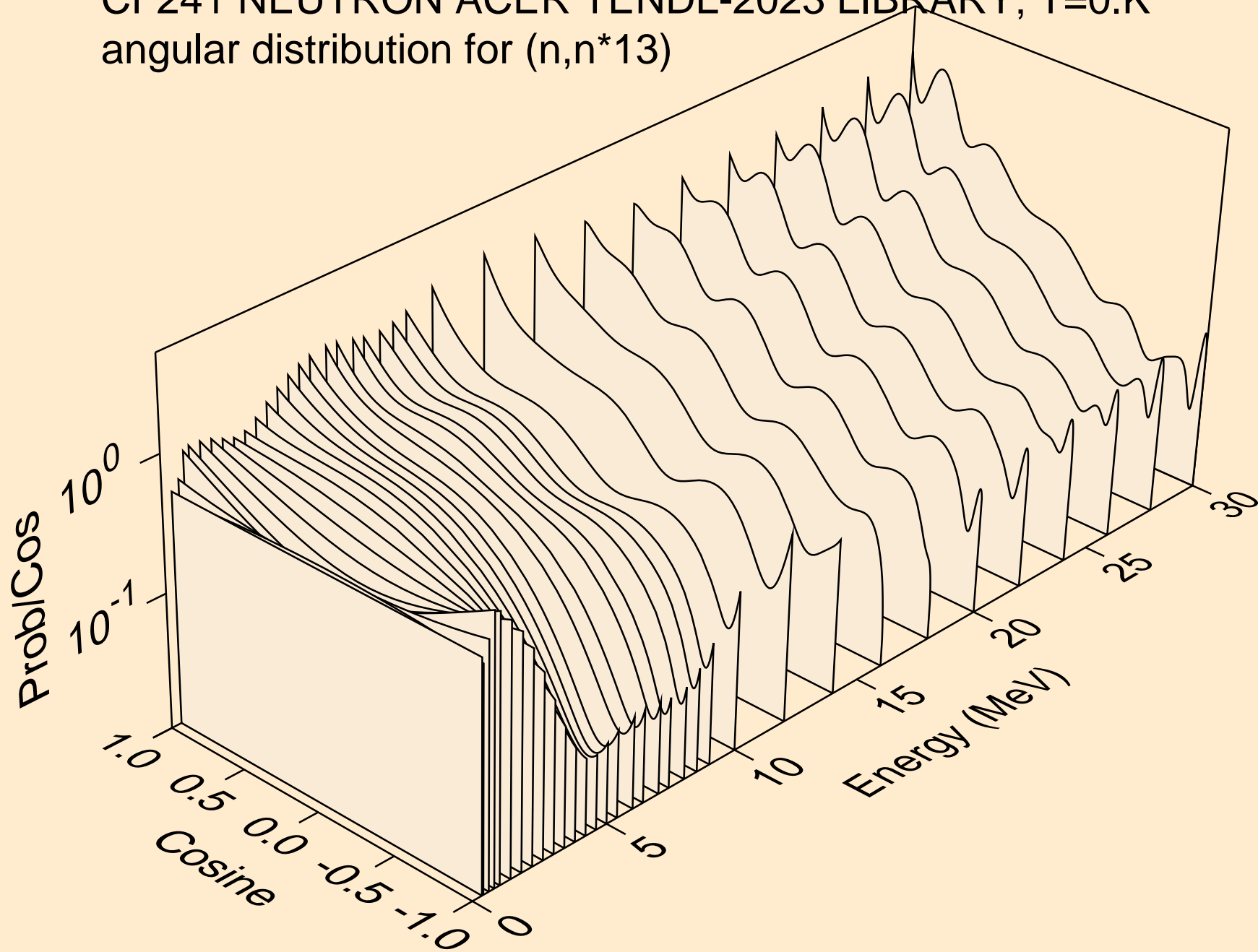
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angular distribution for (n,n\*11)



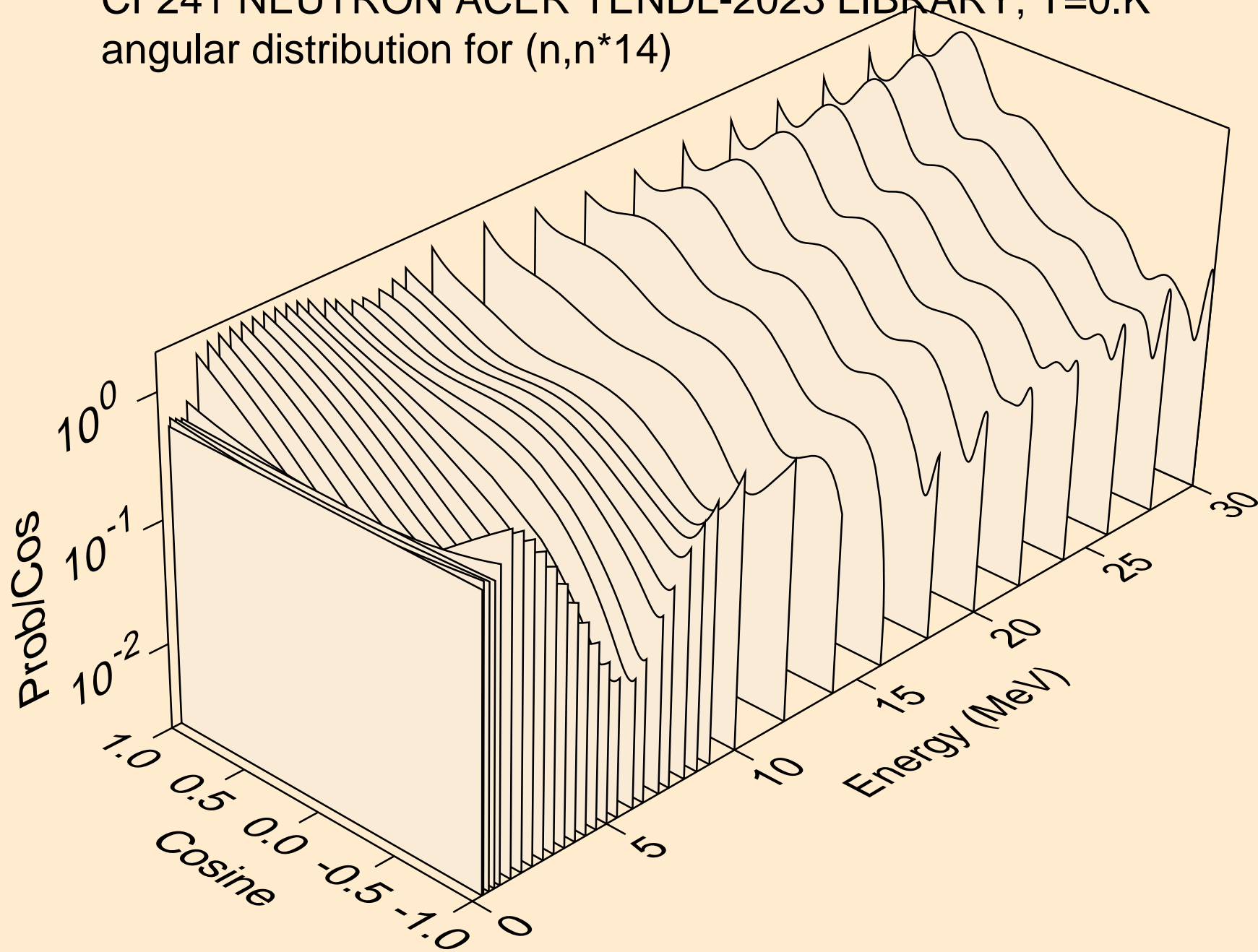
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angular distribution for (n,n\*12)



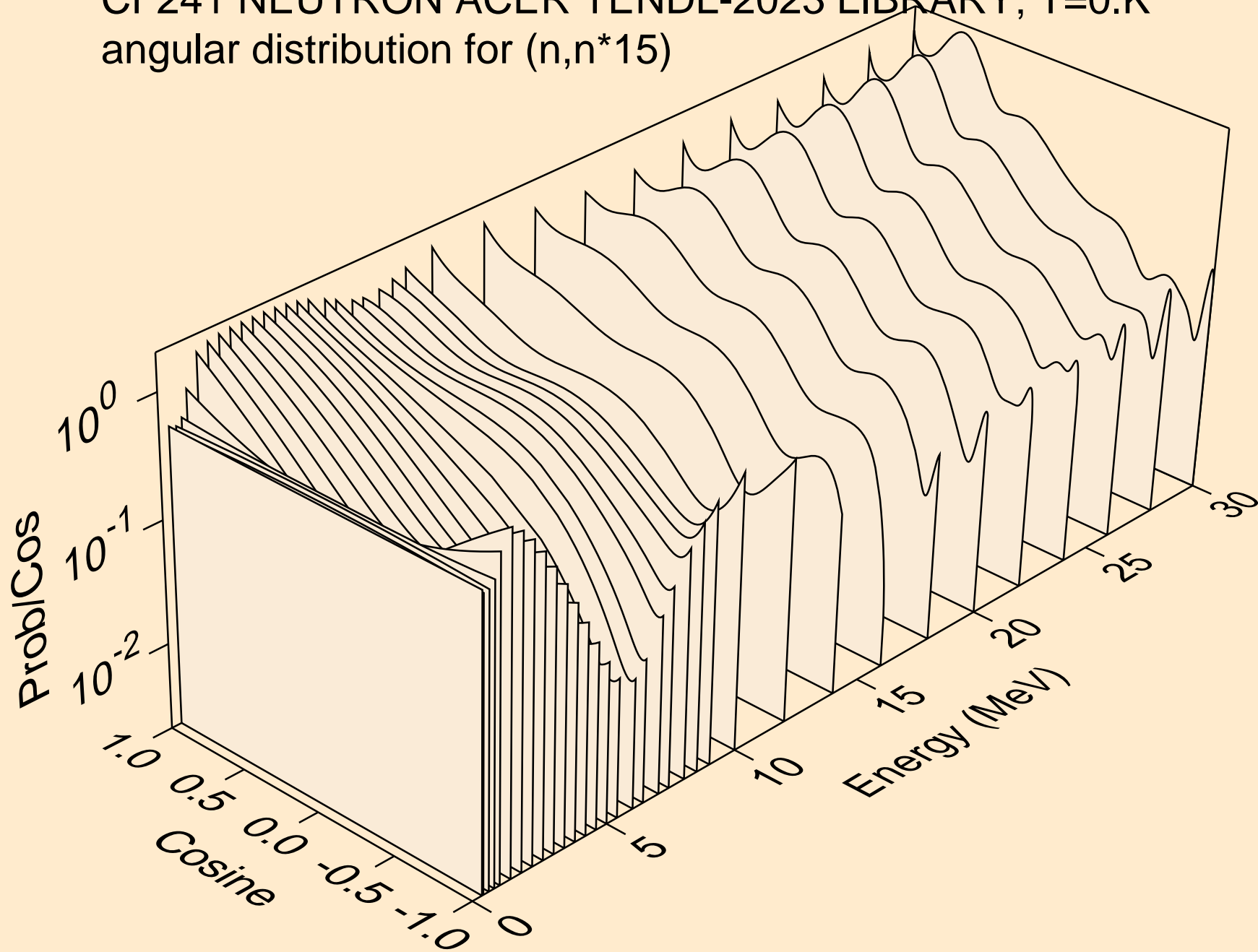
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angular distribution for (n,n\*13)



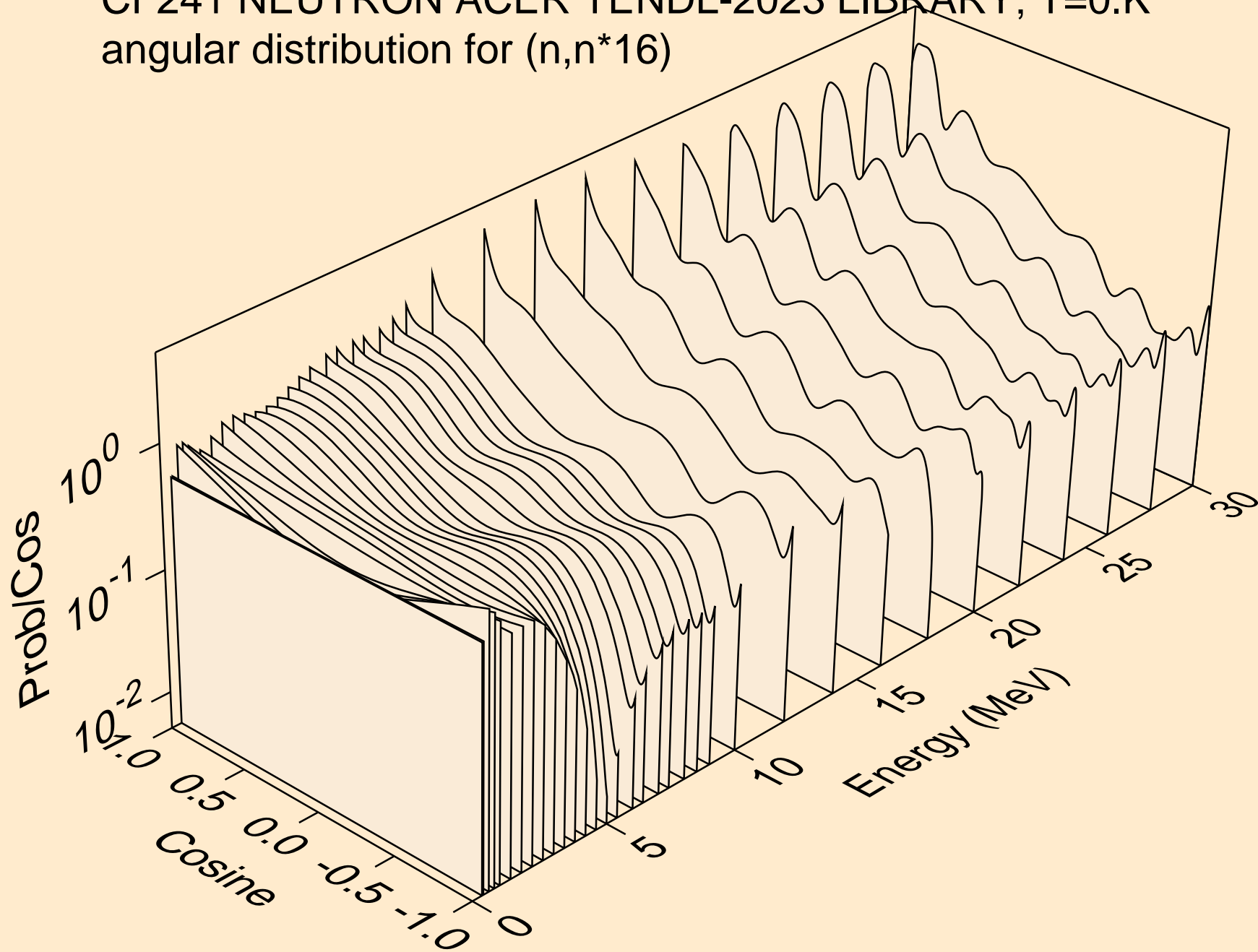
CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*15)

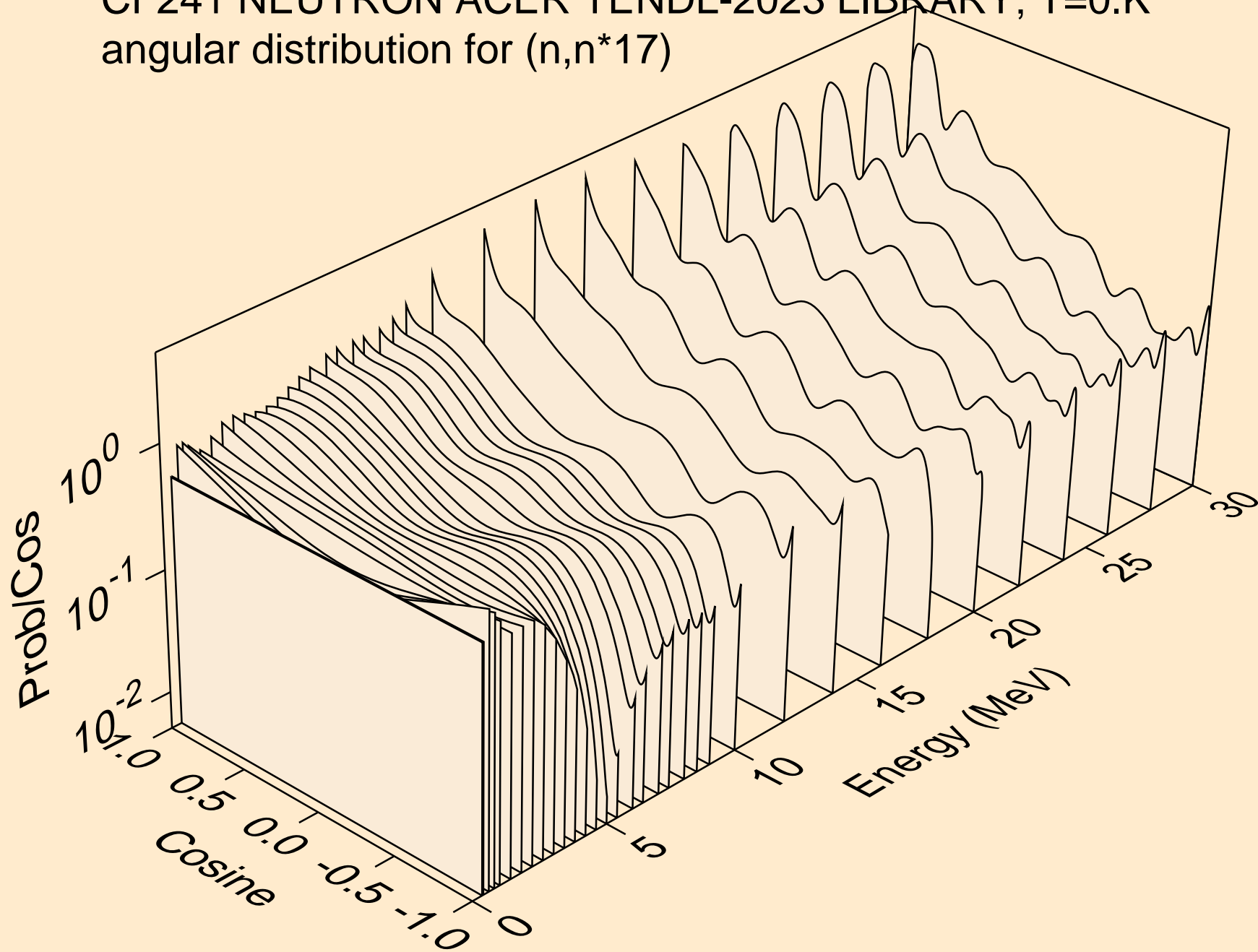


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angular distribution for (n,n\*16)

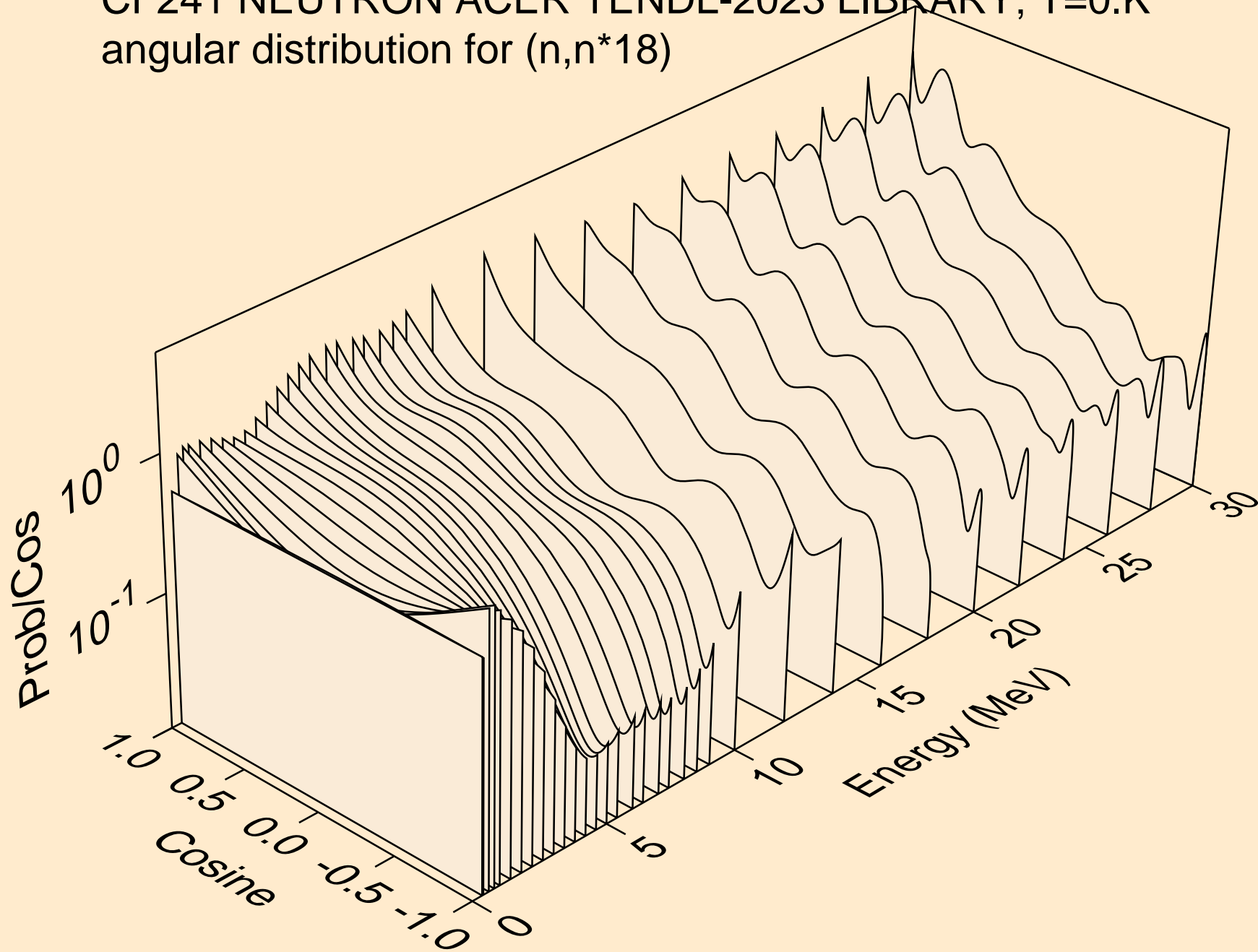




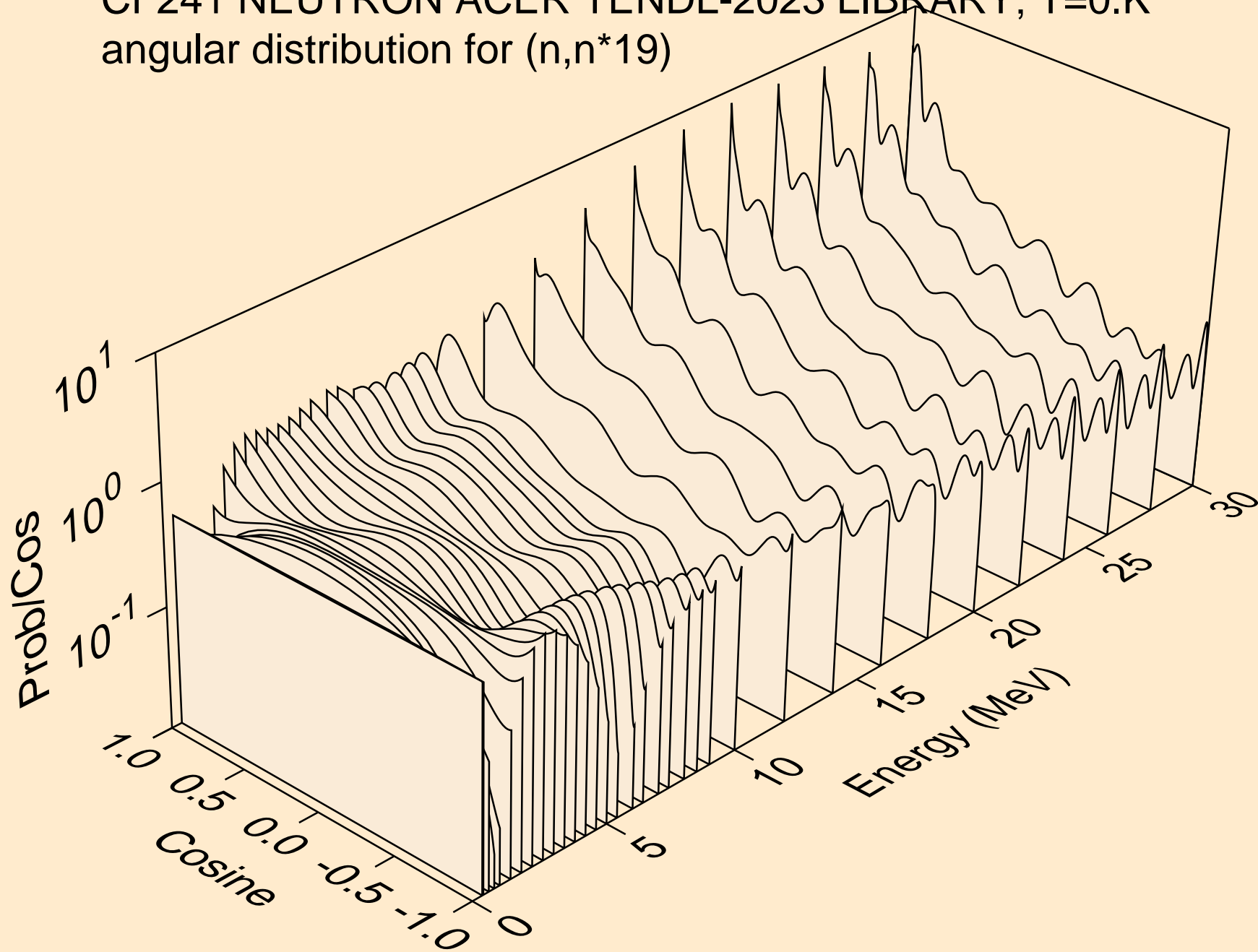
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angular distribution for (n,n\*17)



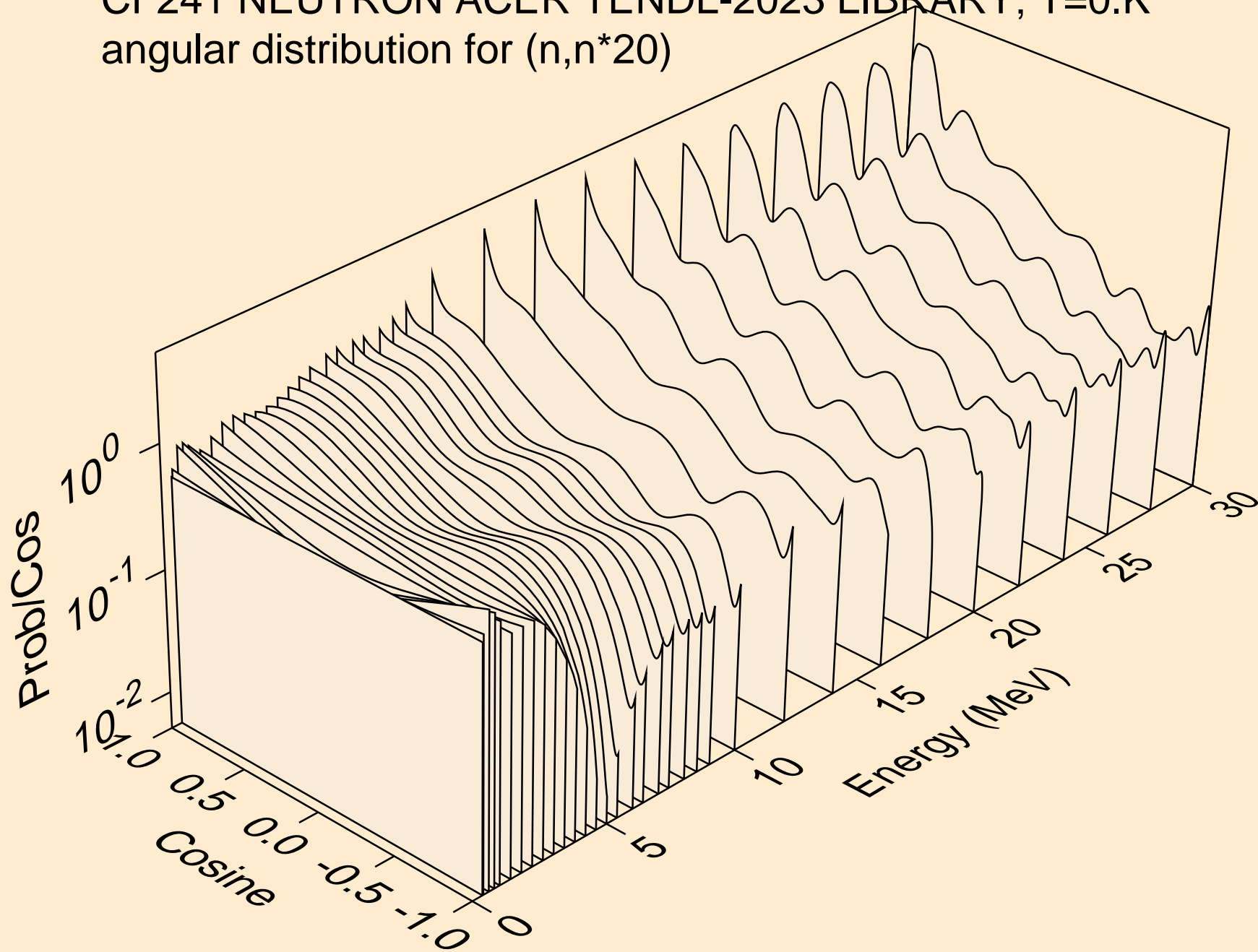
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angular distribution for (n,n\*18)



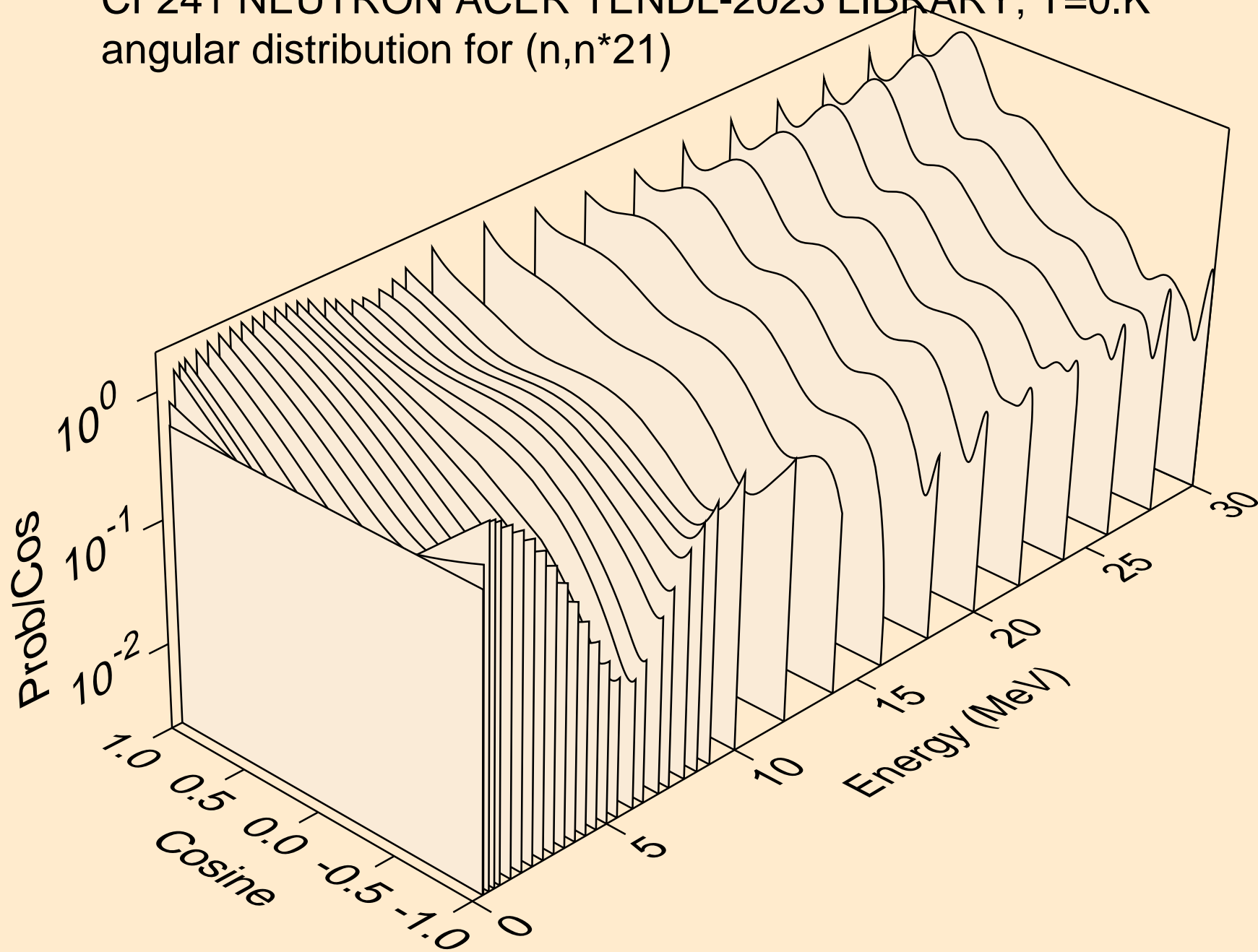
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angular distribution for (n,n\*19)



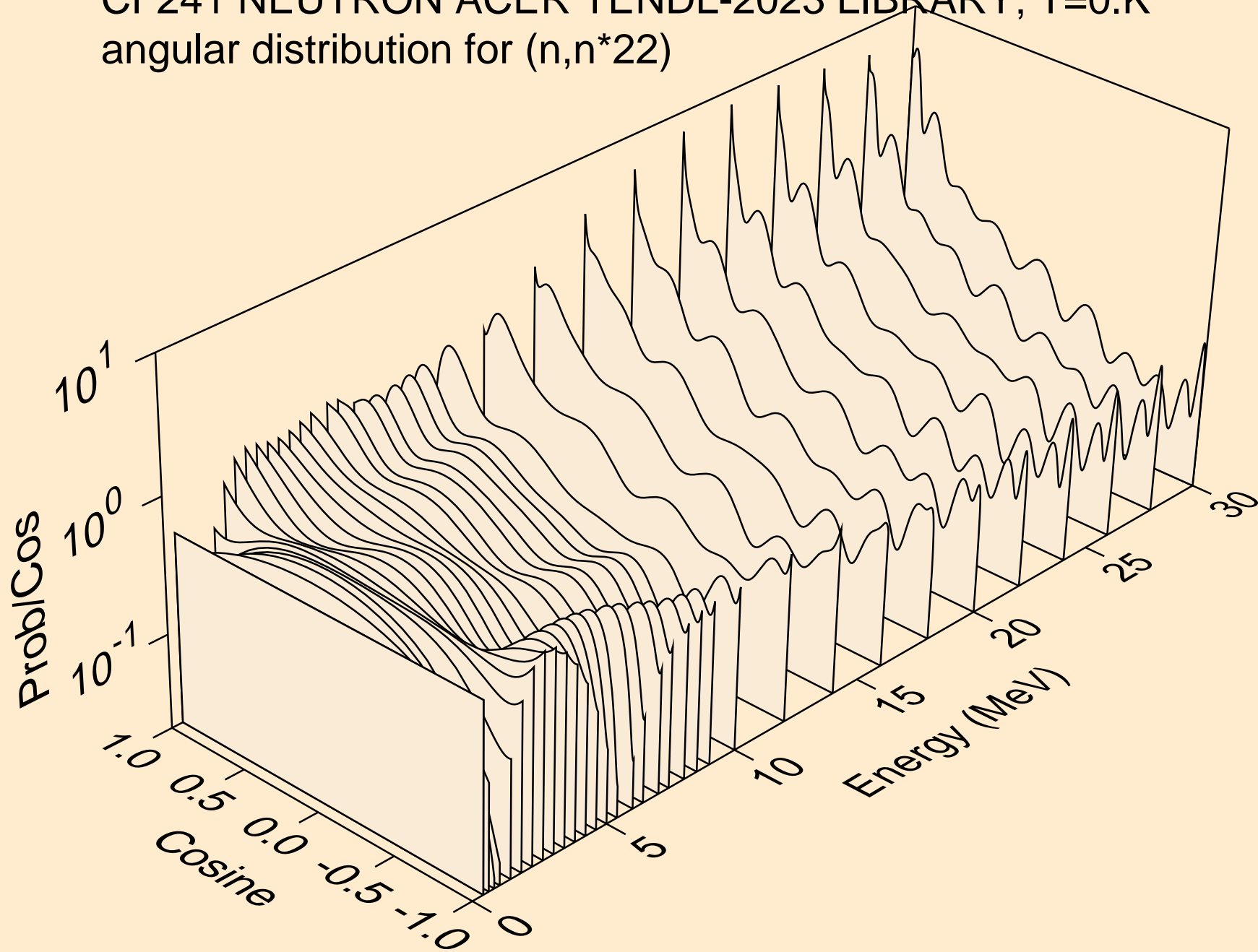
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angular distribution for (n,n\*20)



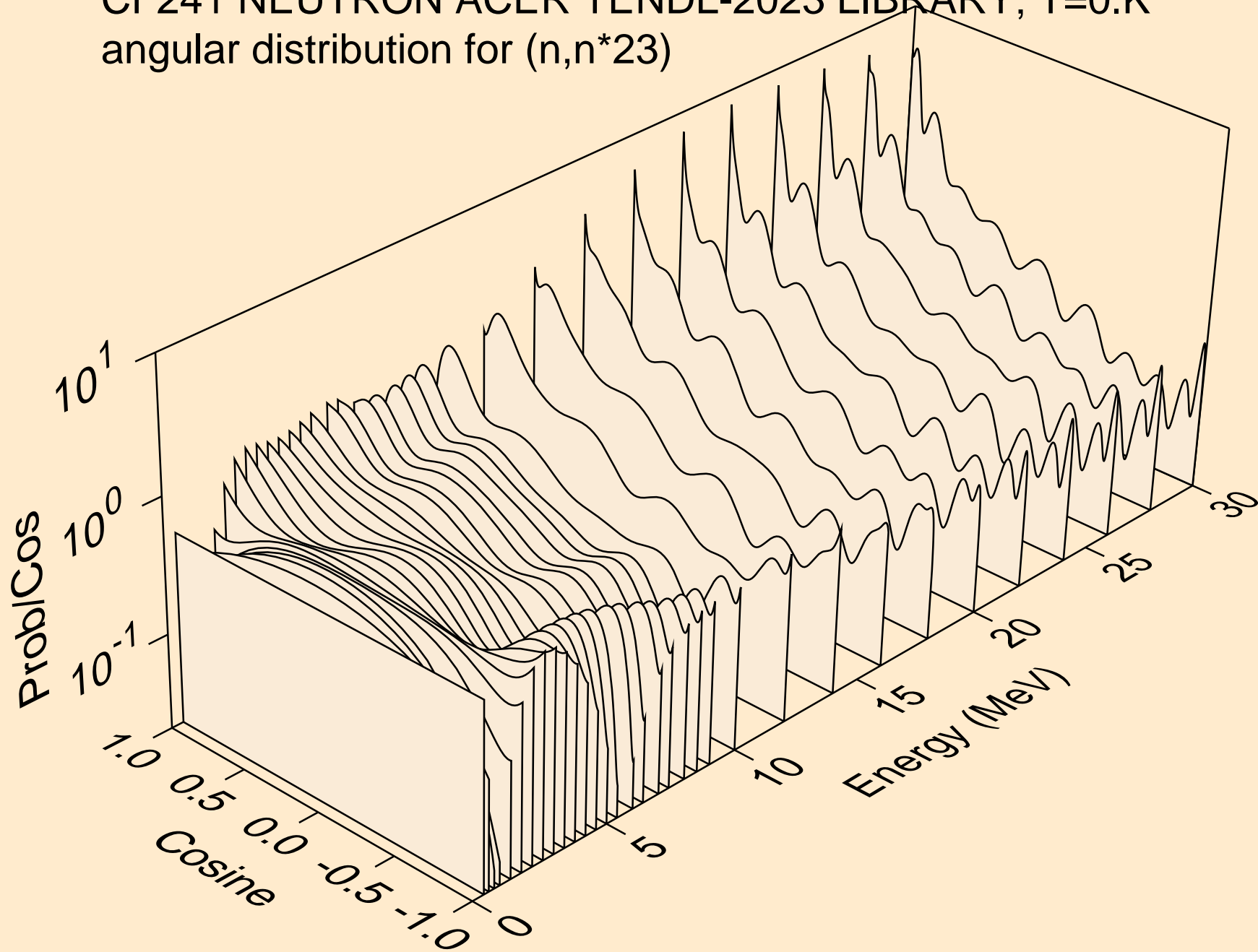
CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*21)



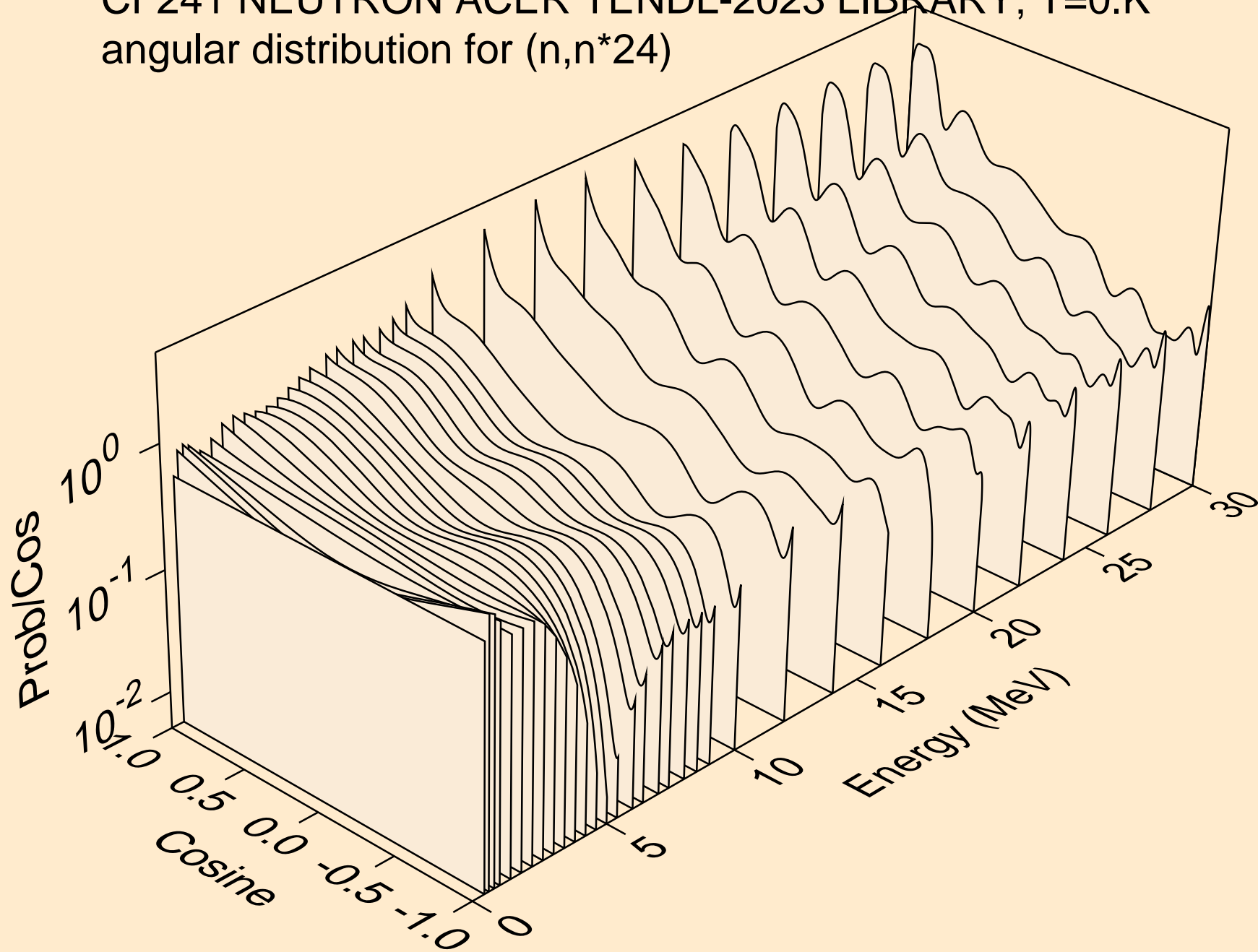
CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*22)



CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*23)

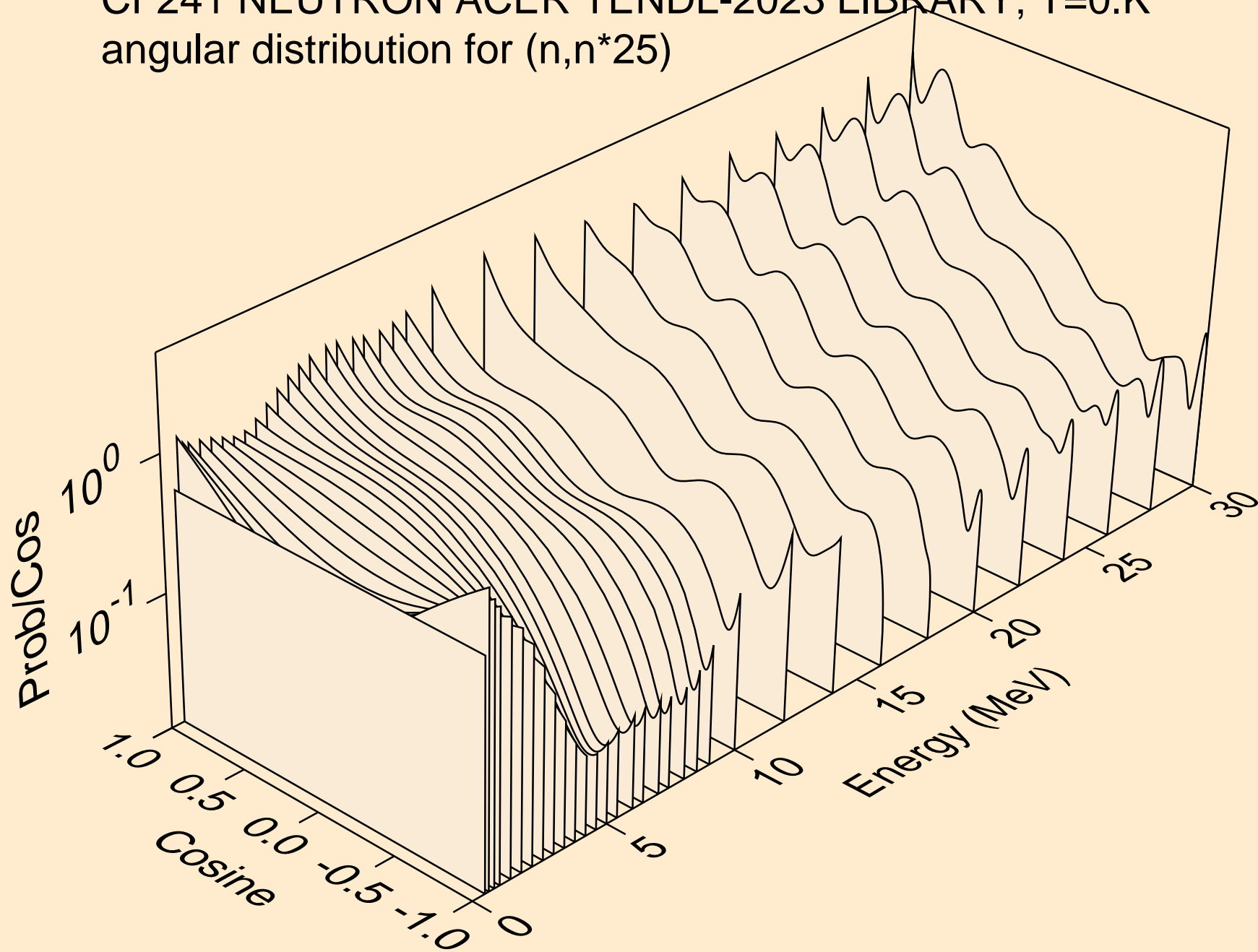


CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*24)

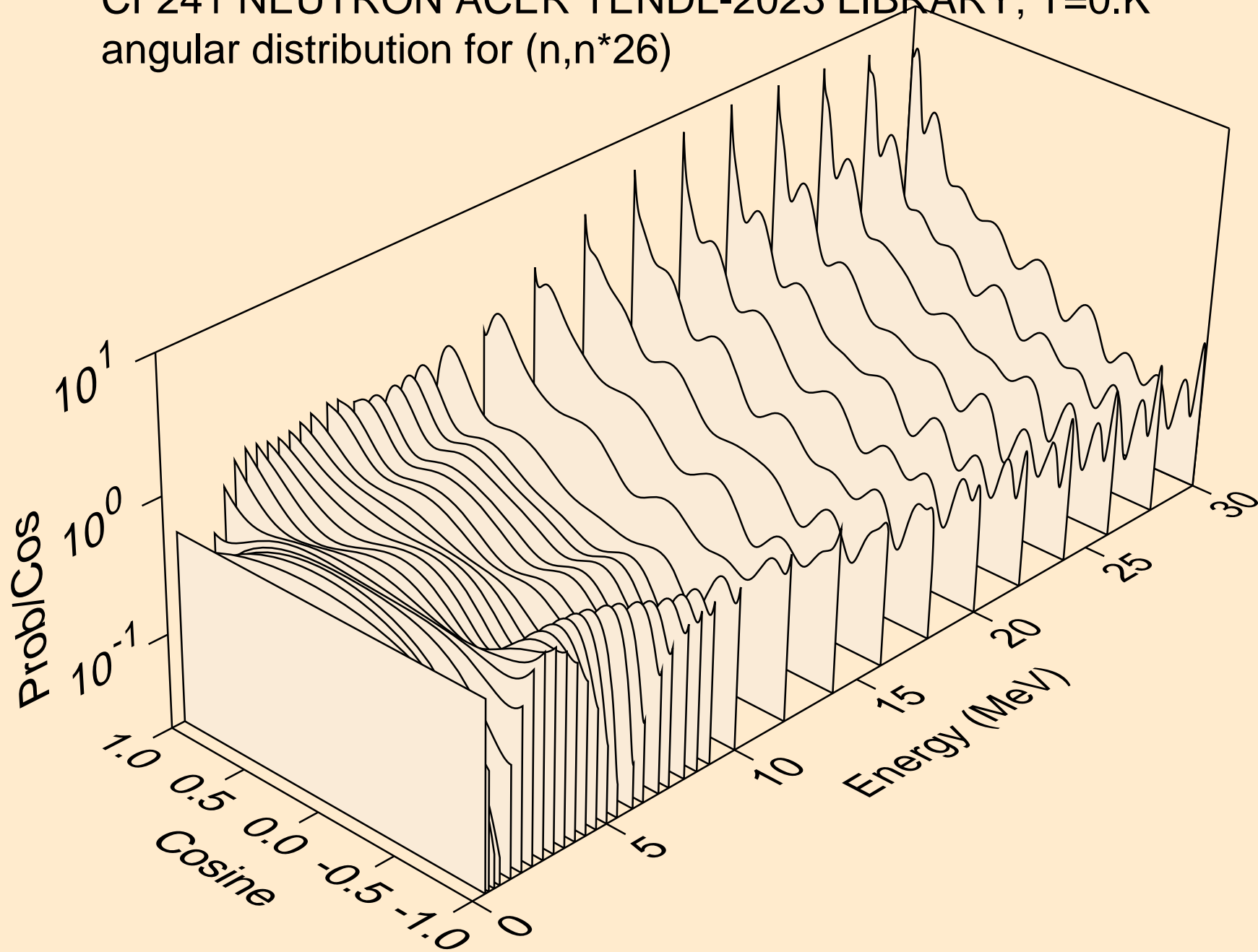




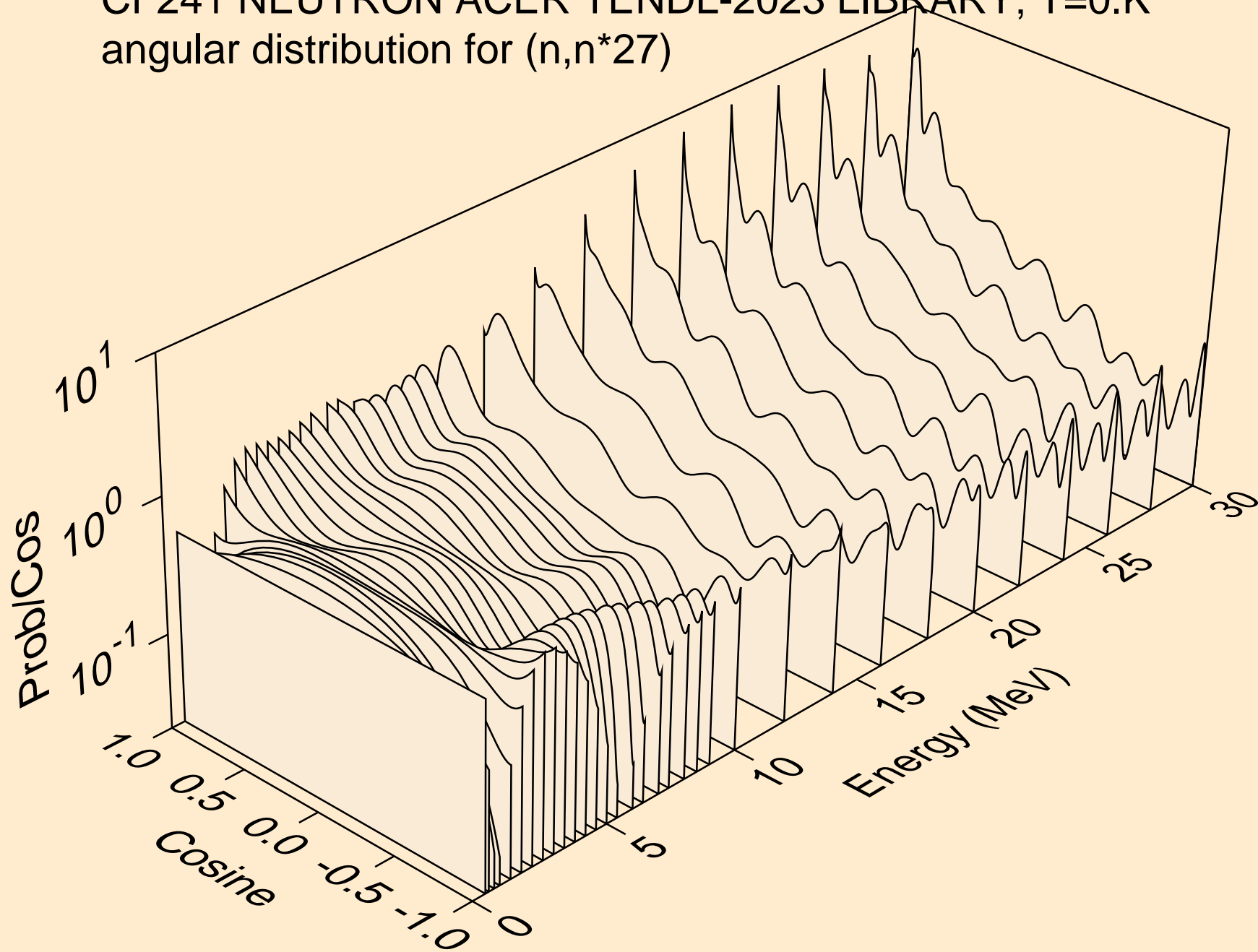
CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



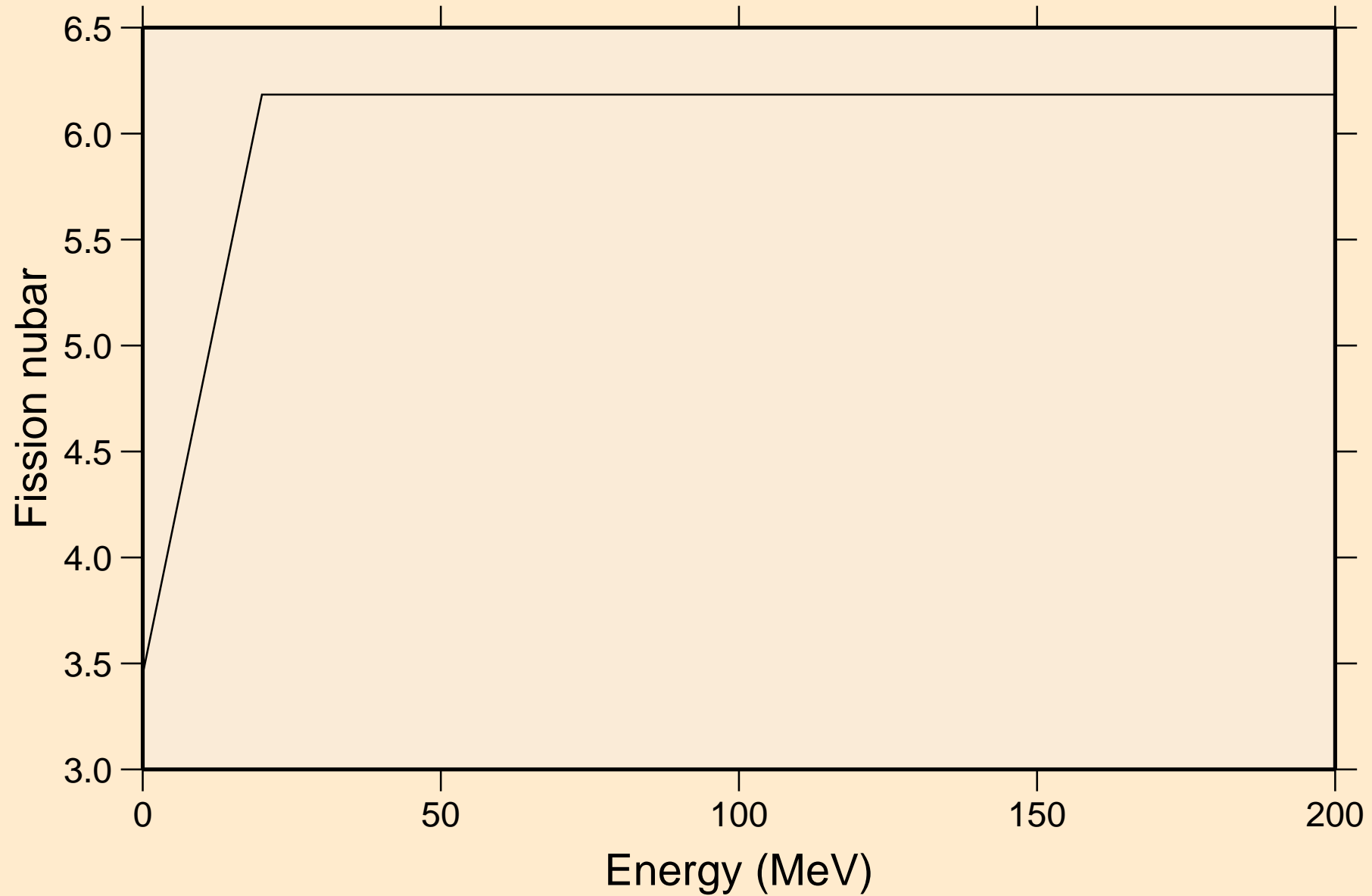
CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*26)



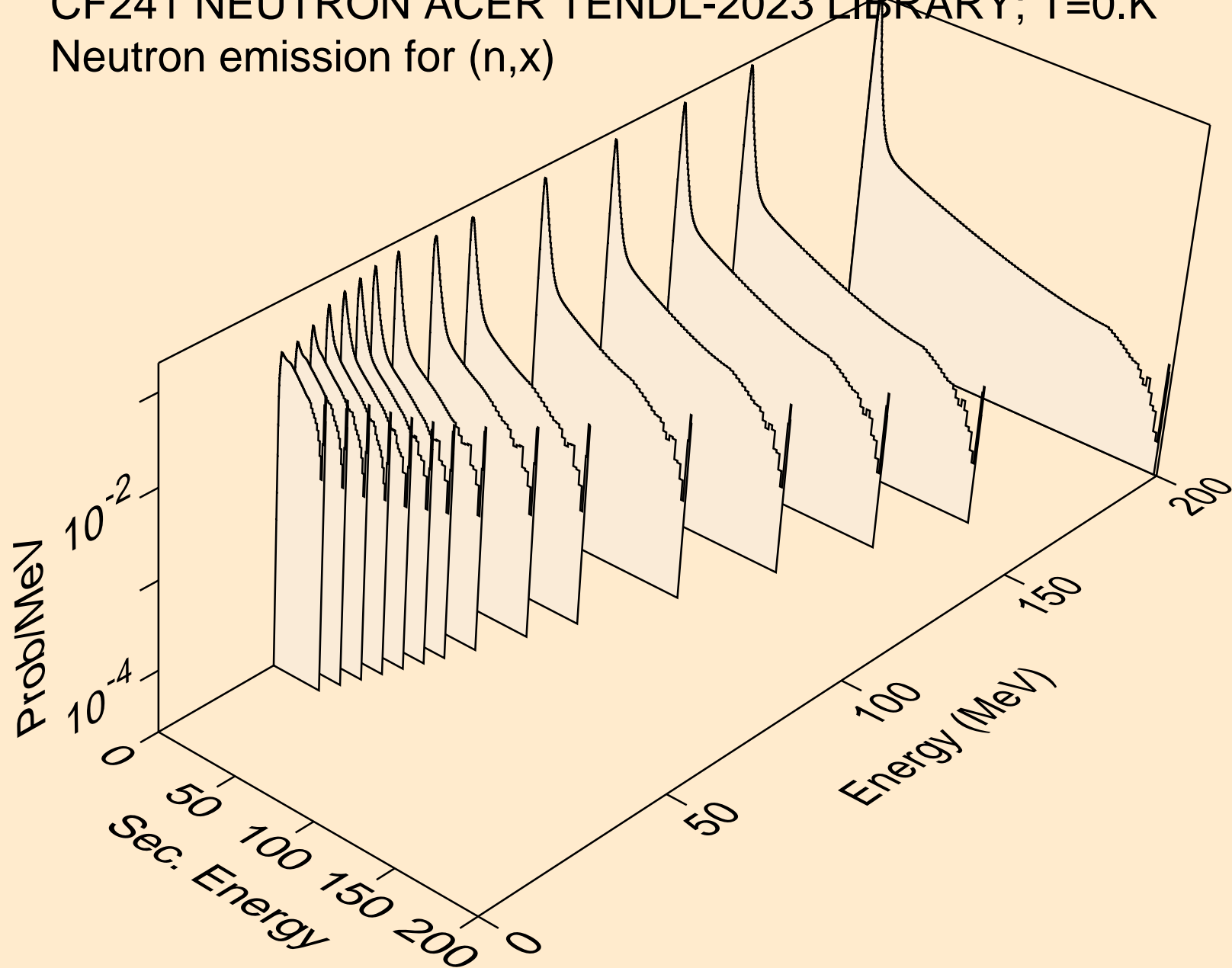
CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*27)



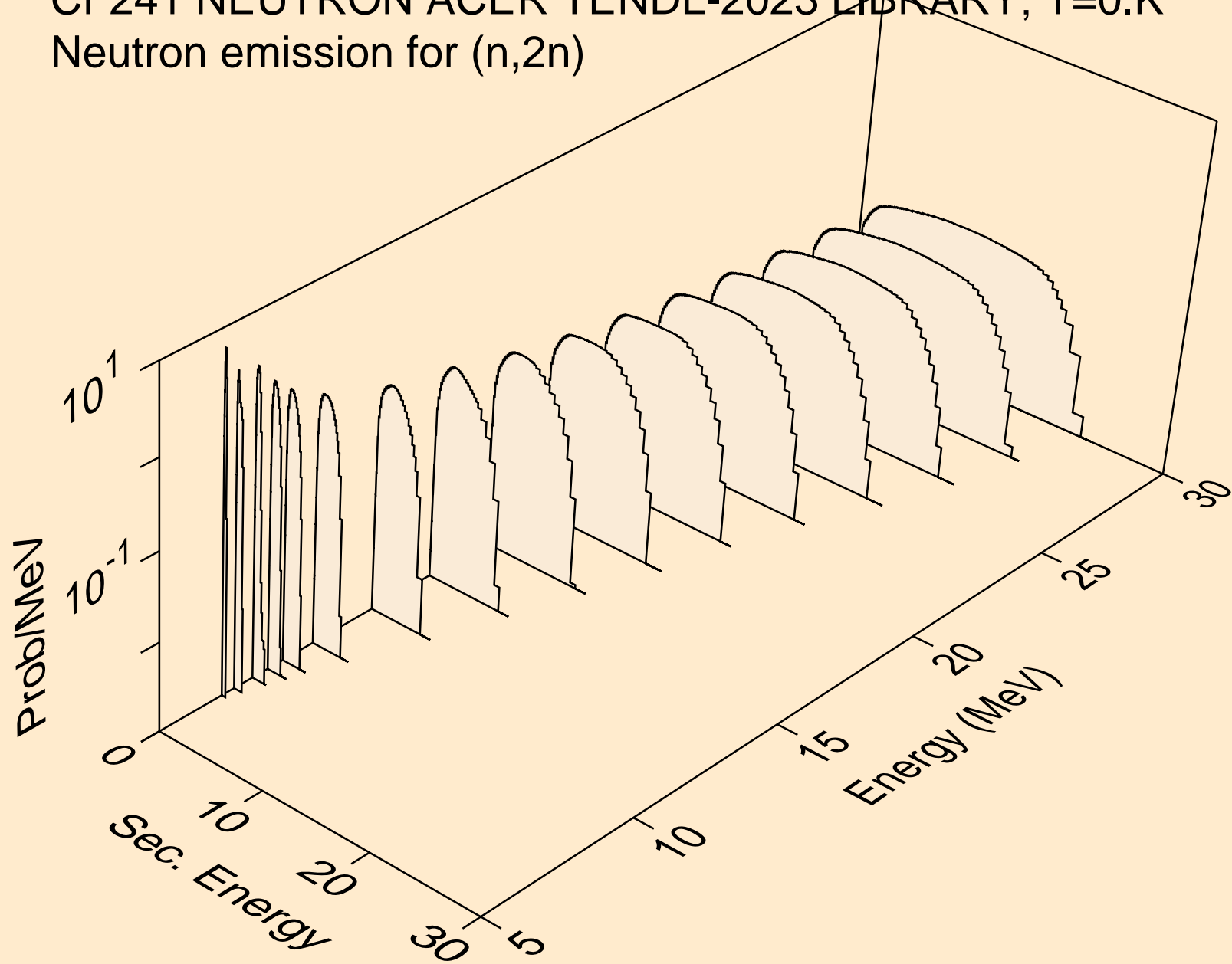
CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Total fission nubar



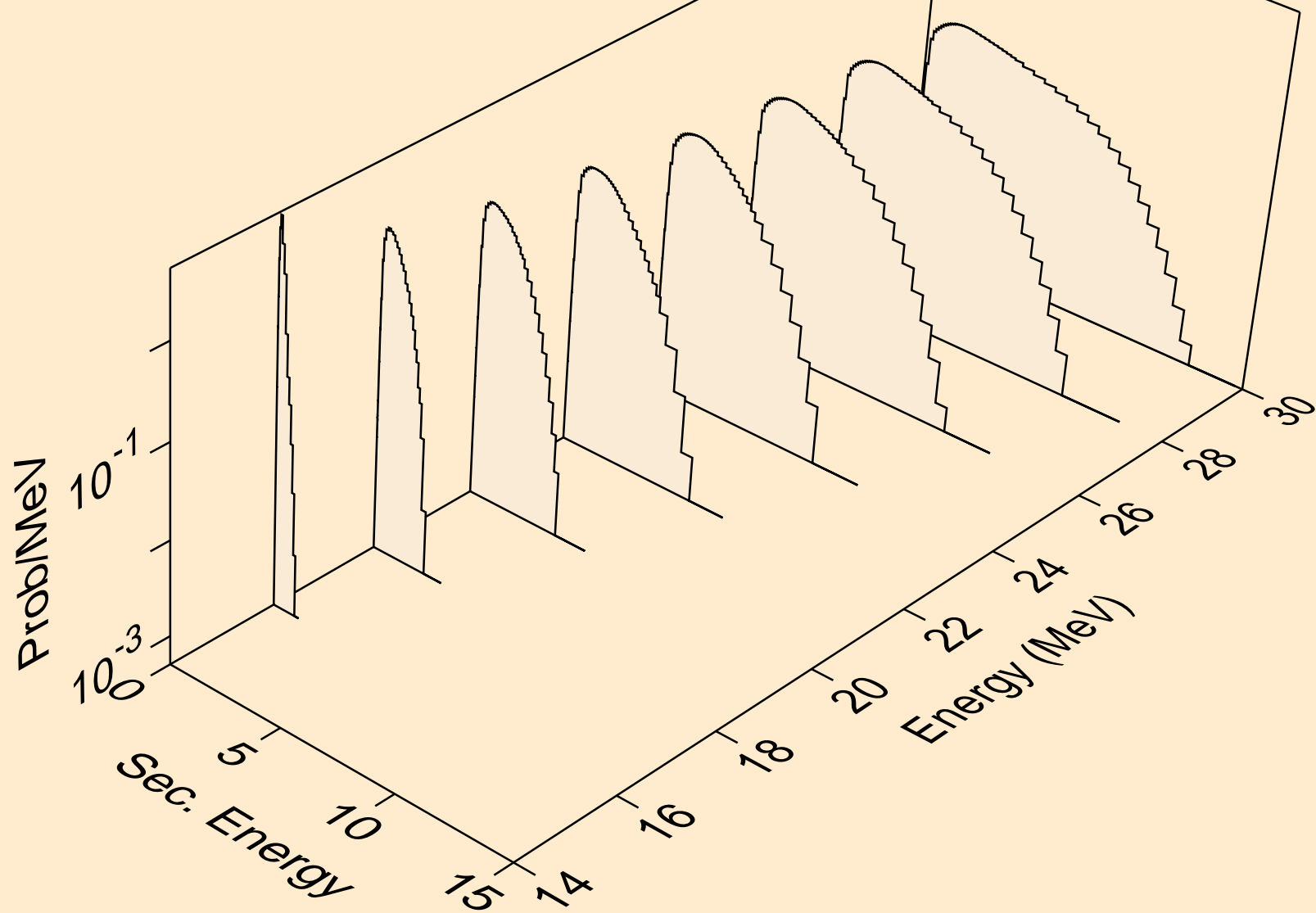
CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



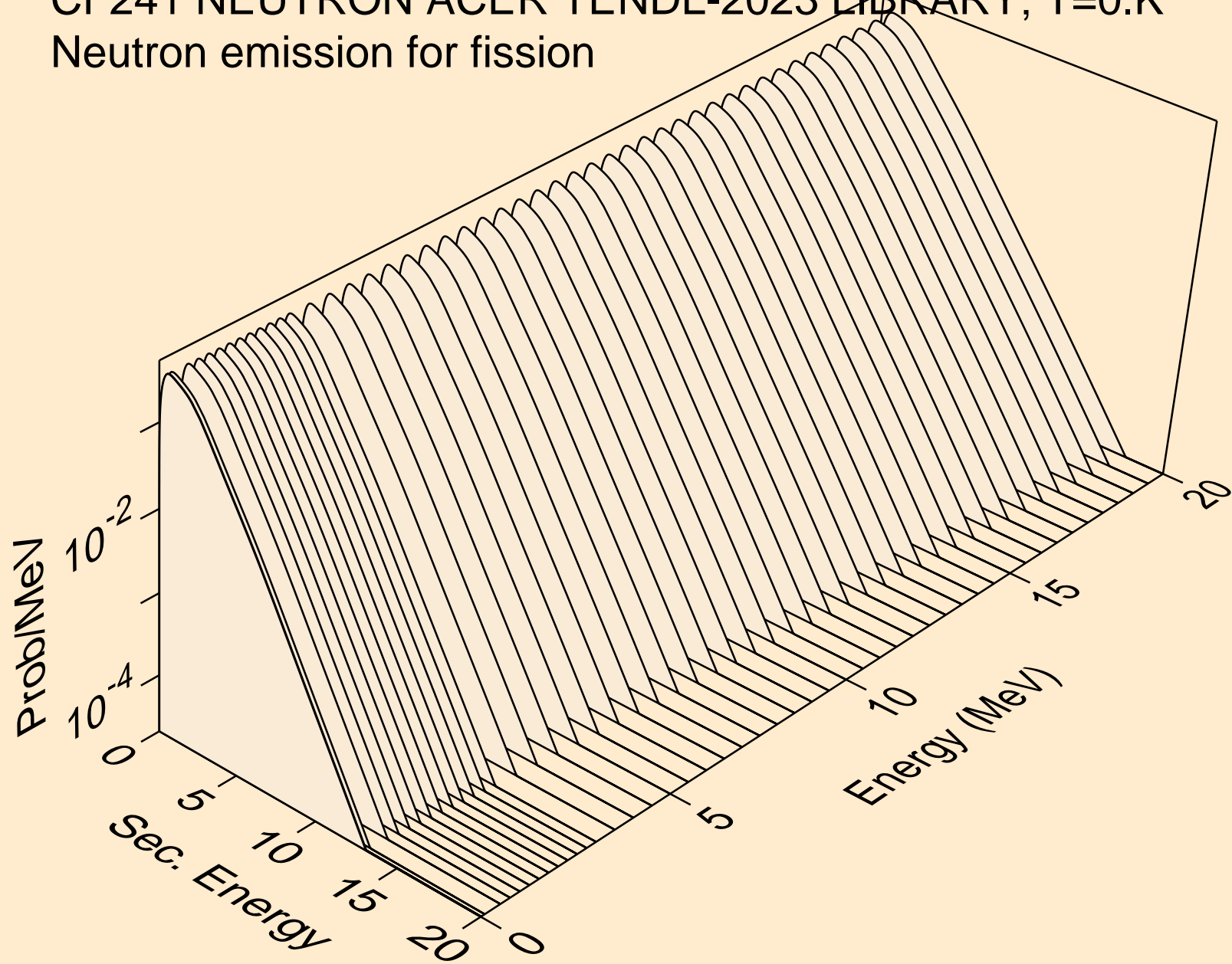
CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)



CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)

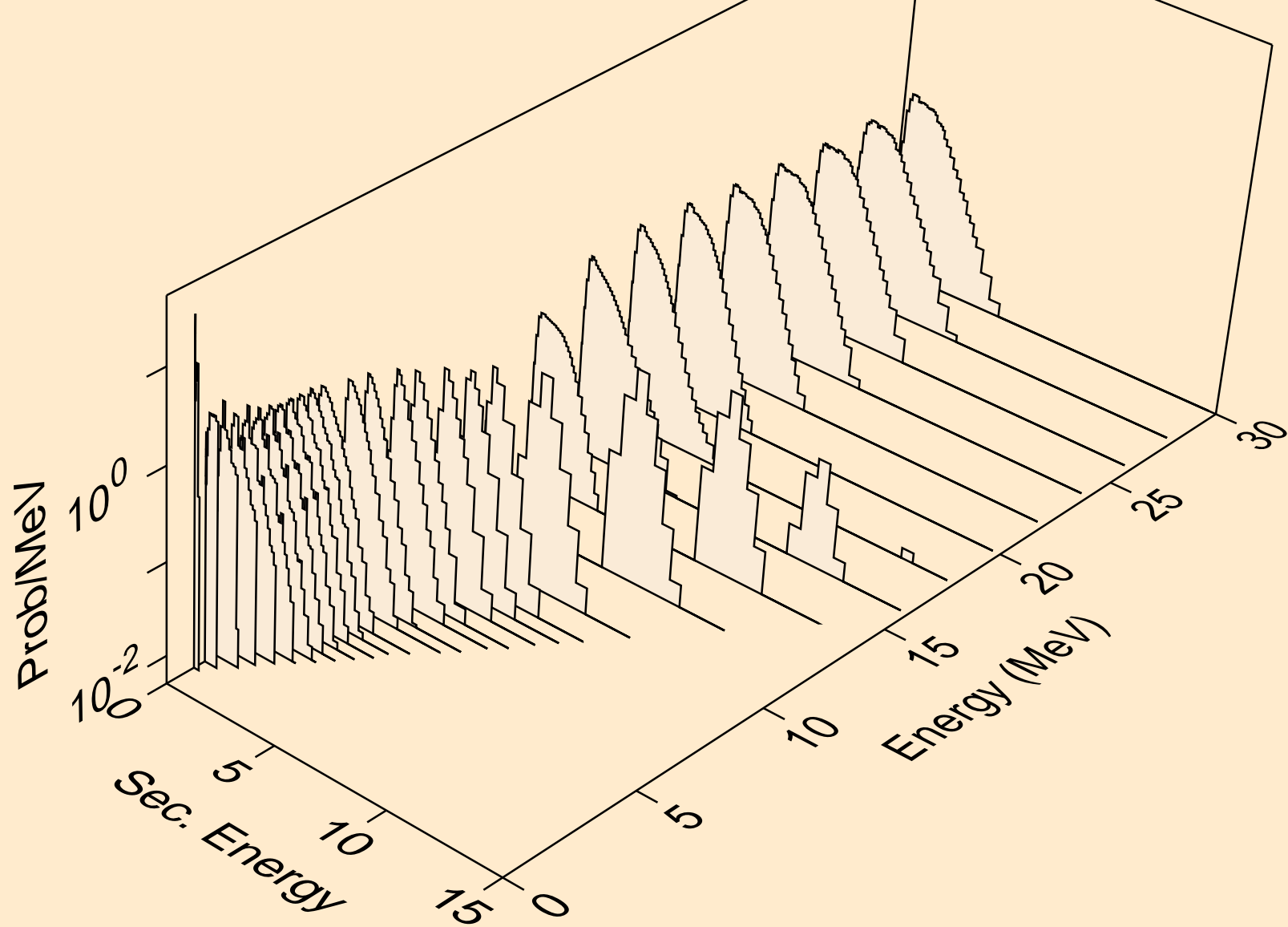


CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for fission

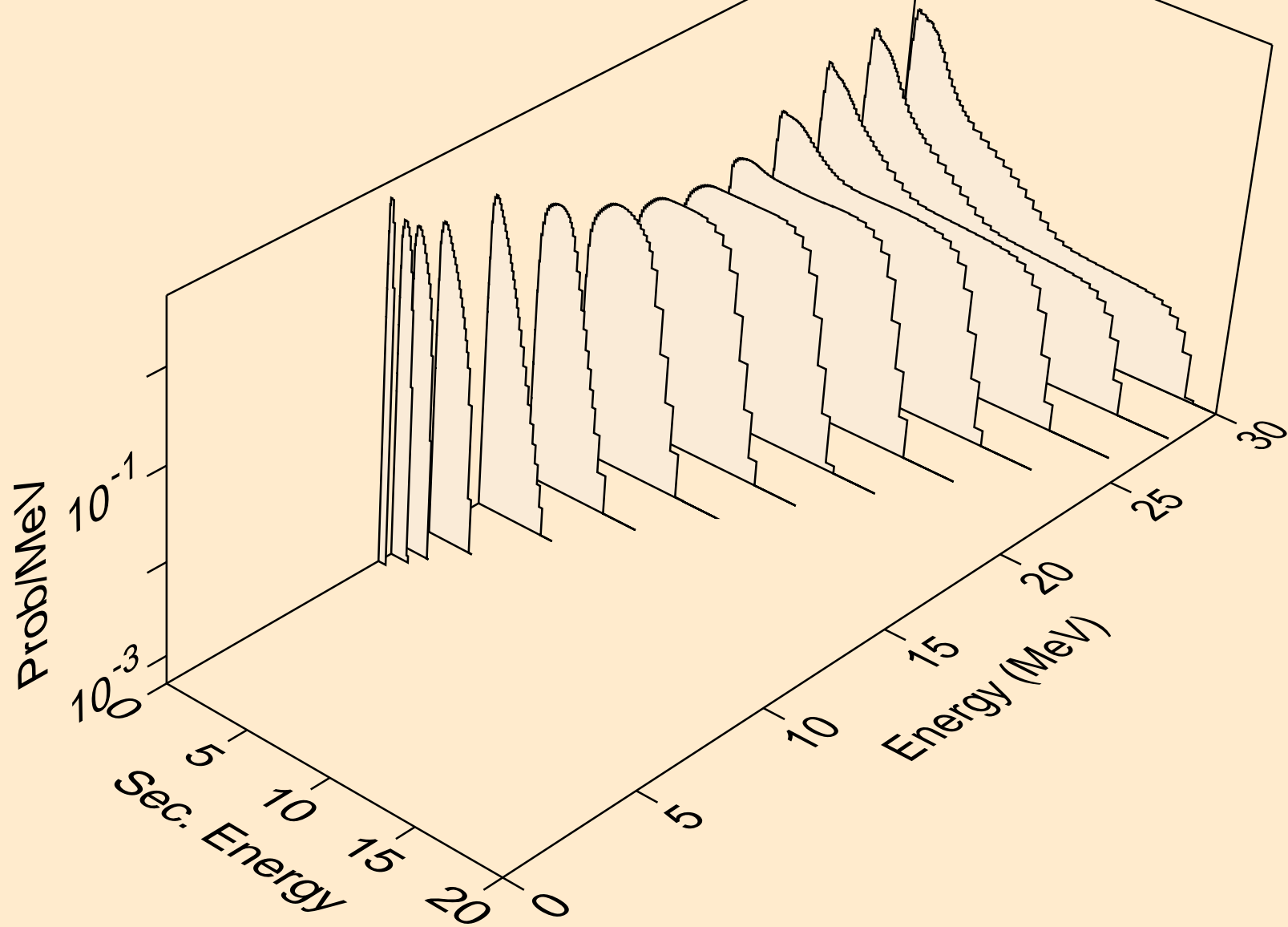




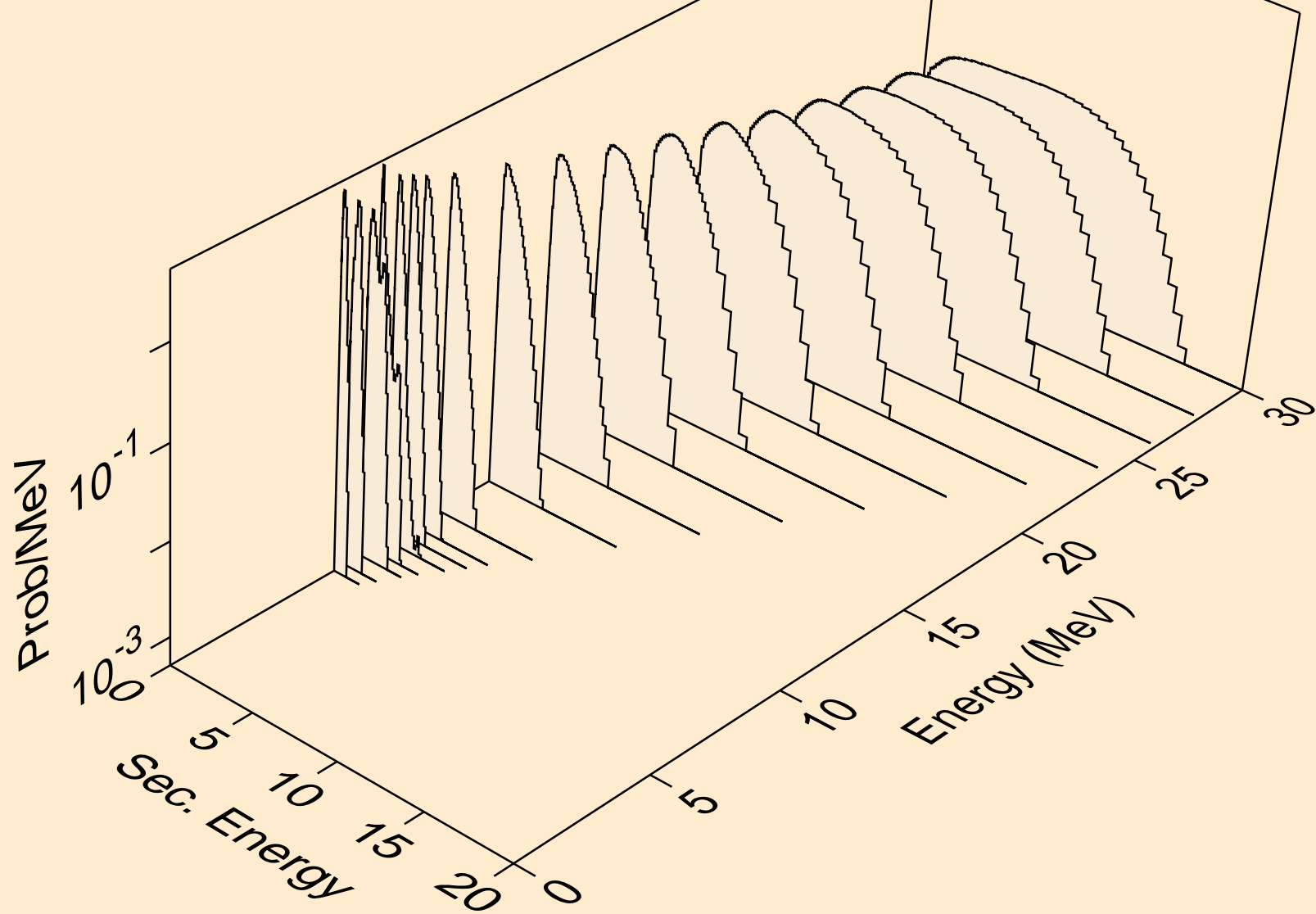
CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



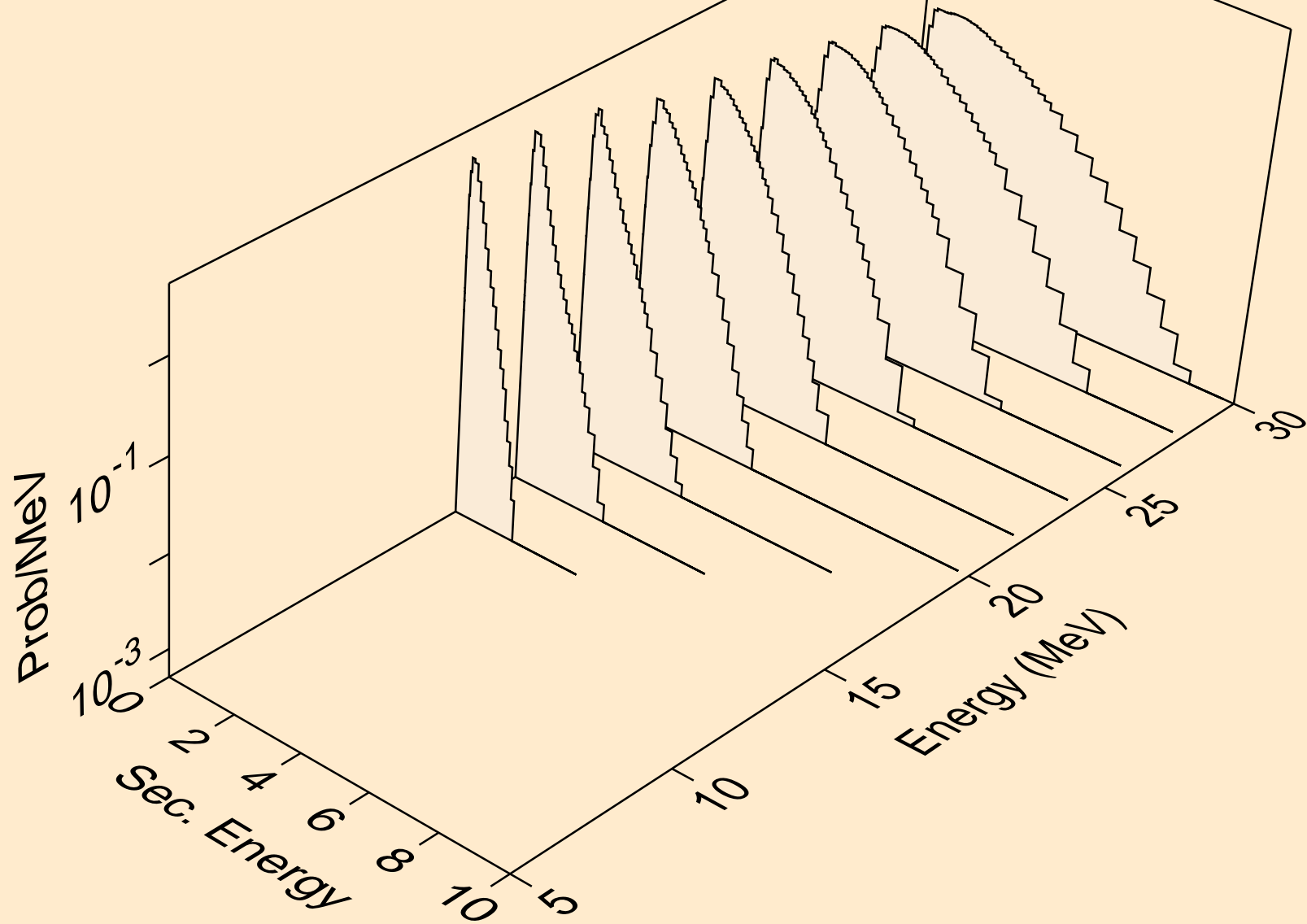
CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



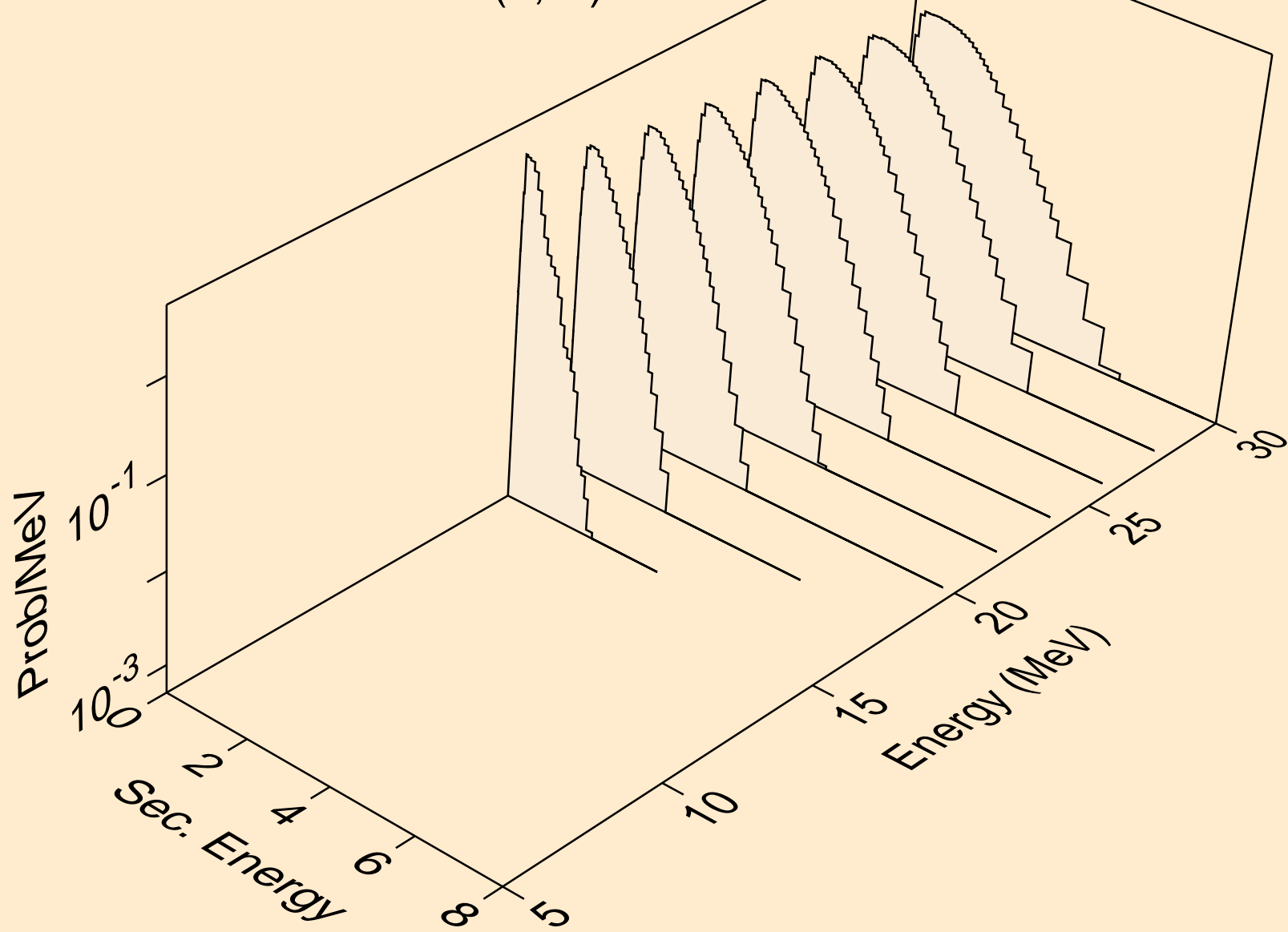
CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



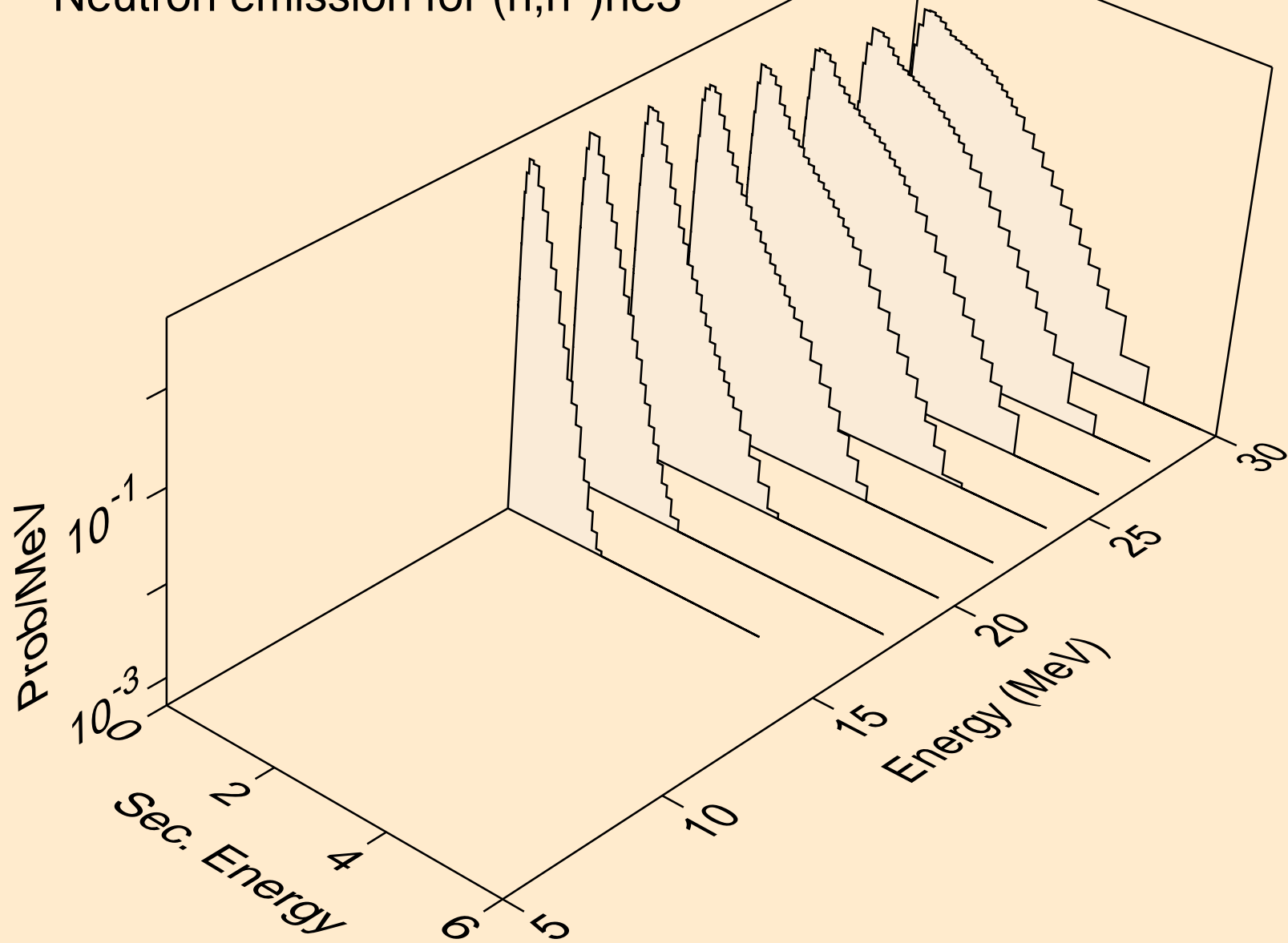
CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



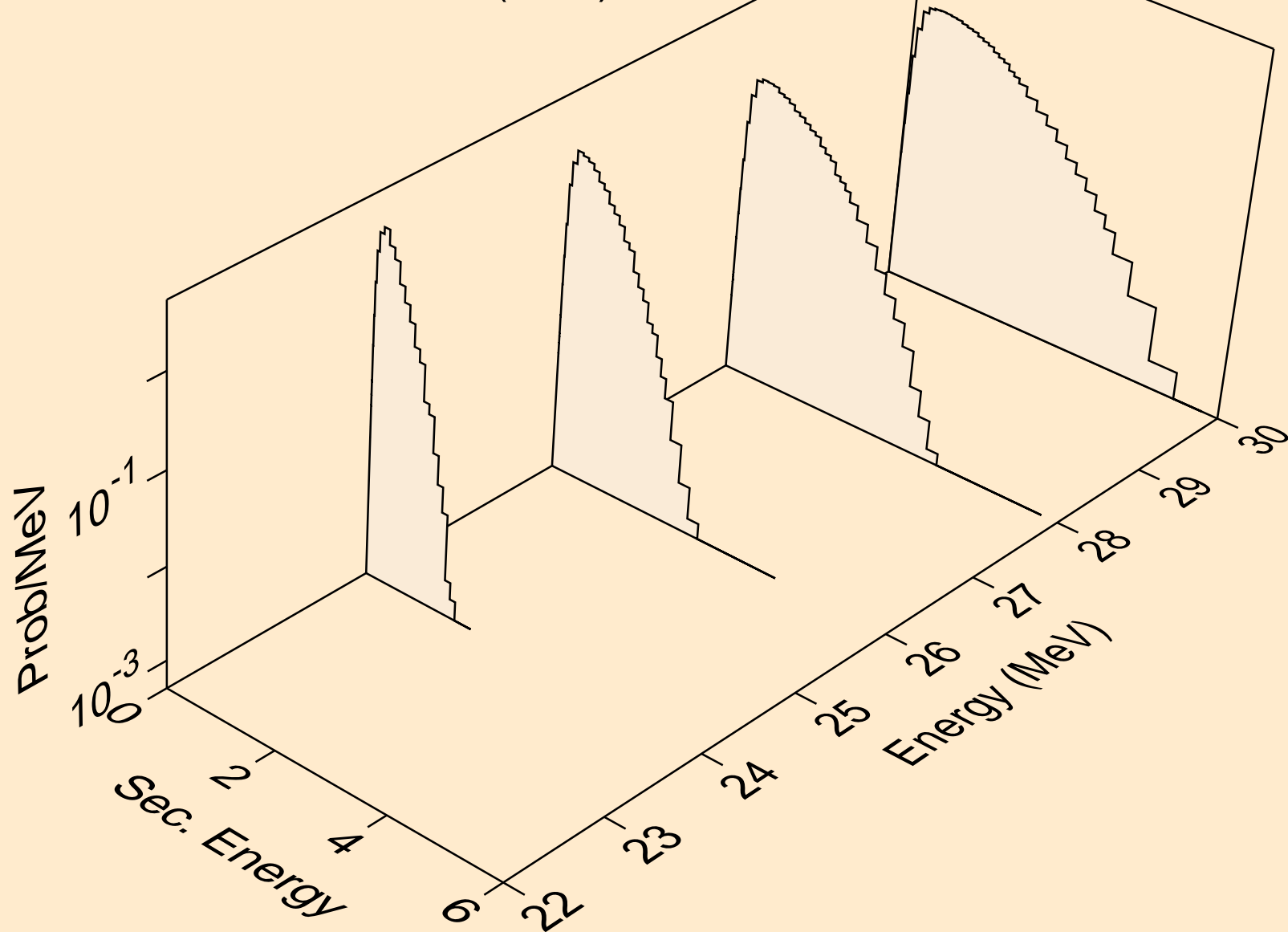
CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



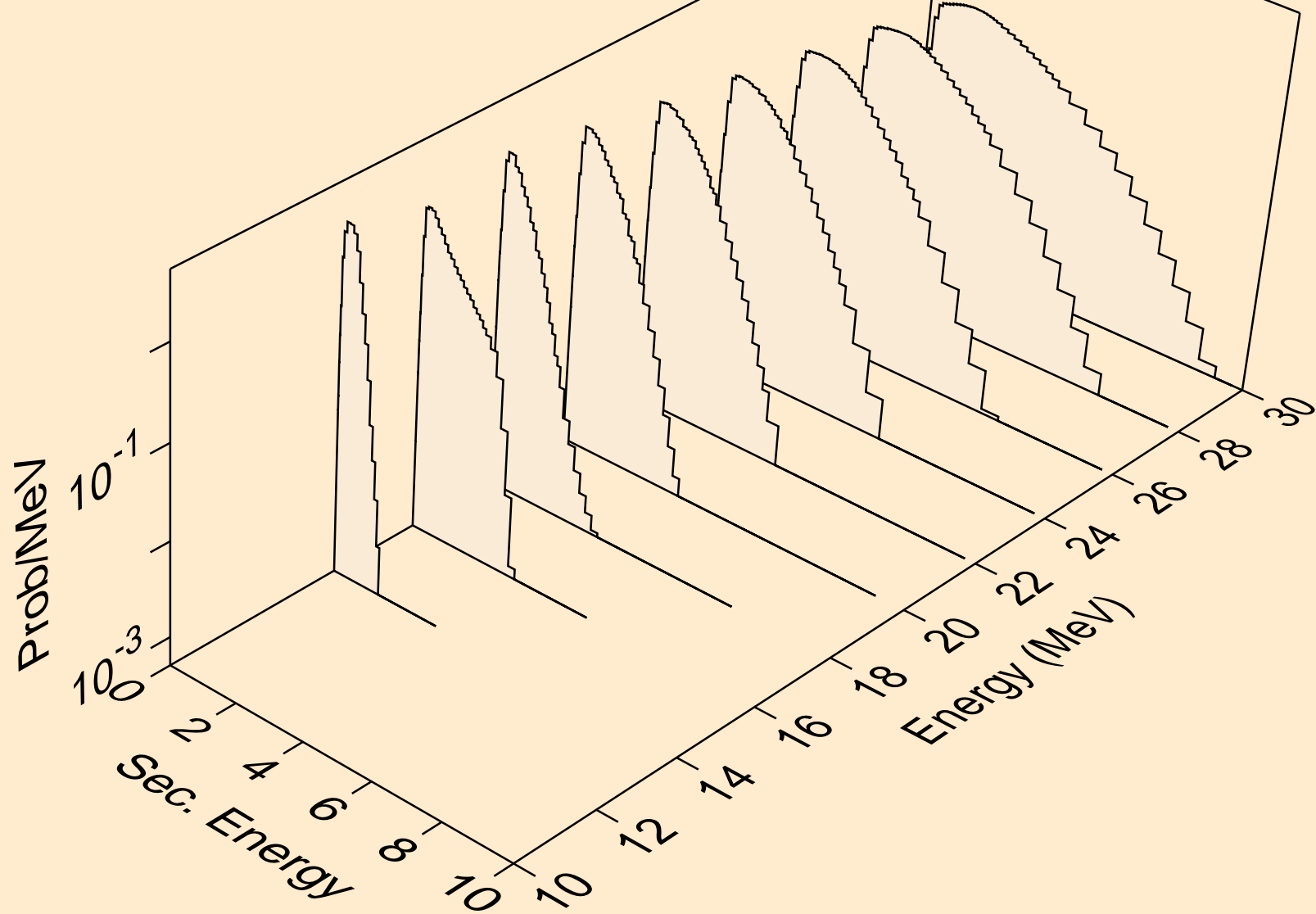
CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)

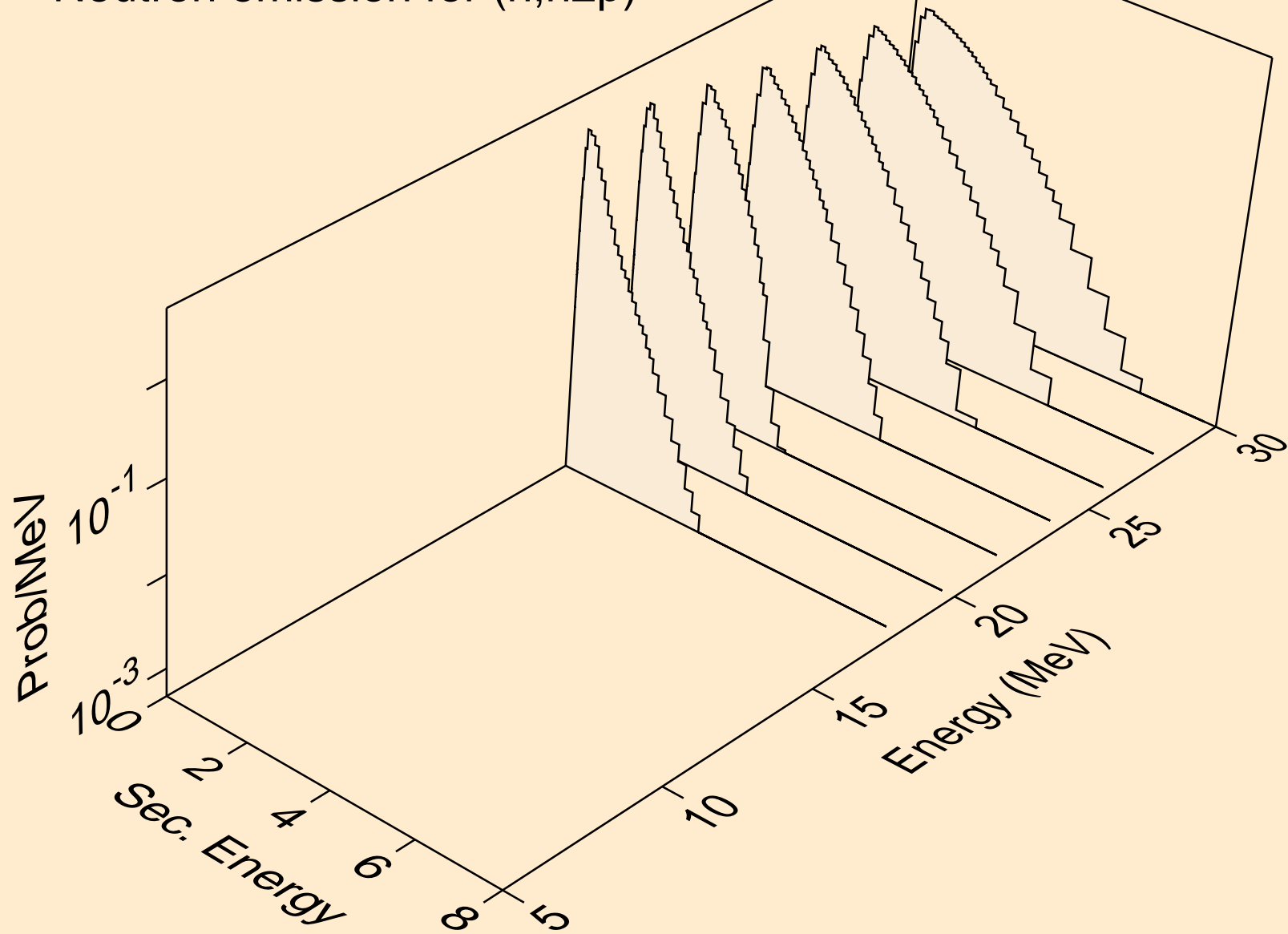


CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)

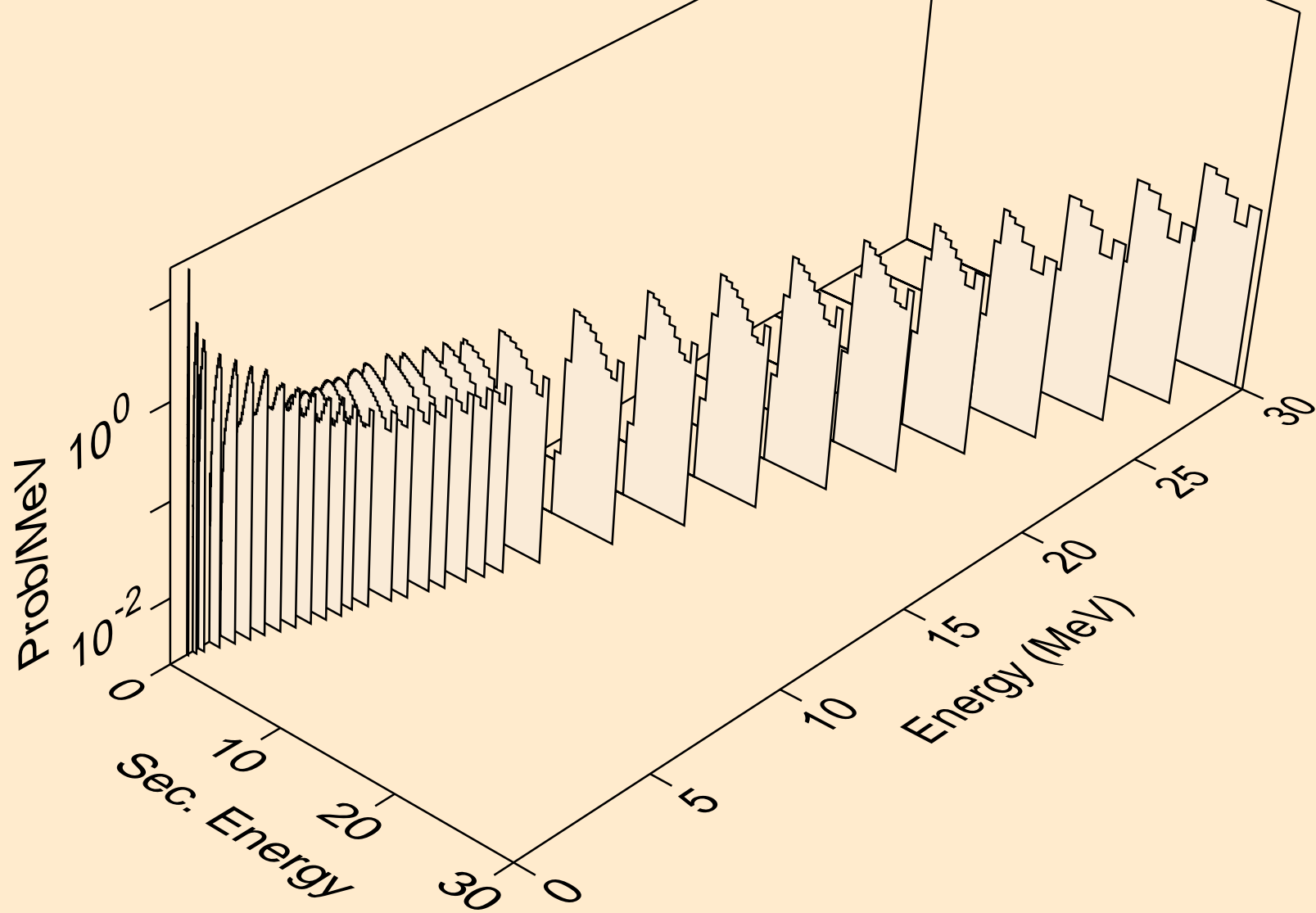




CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)

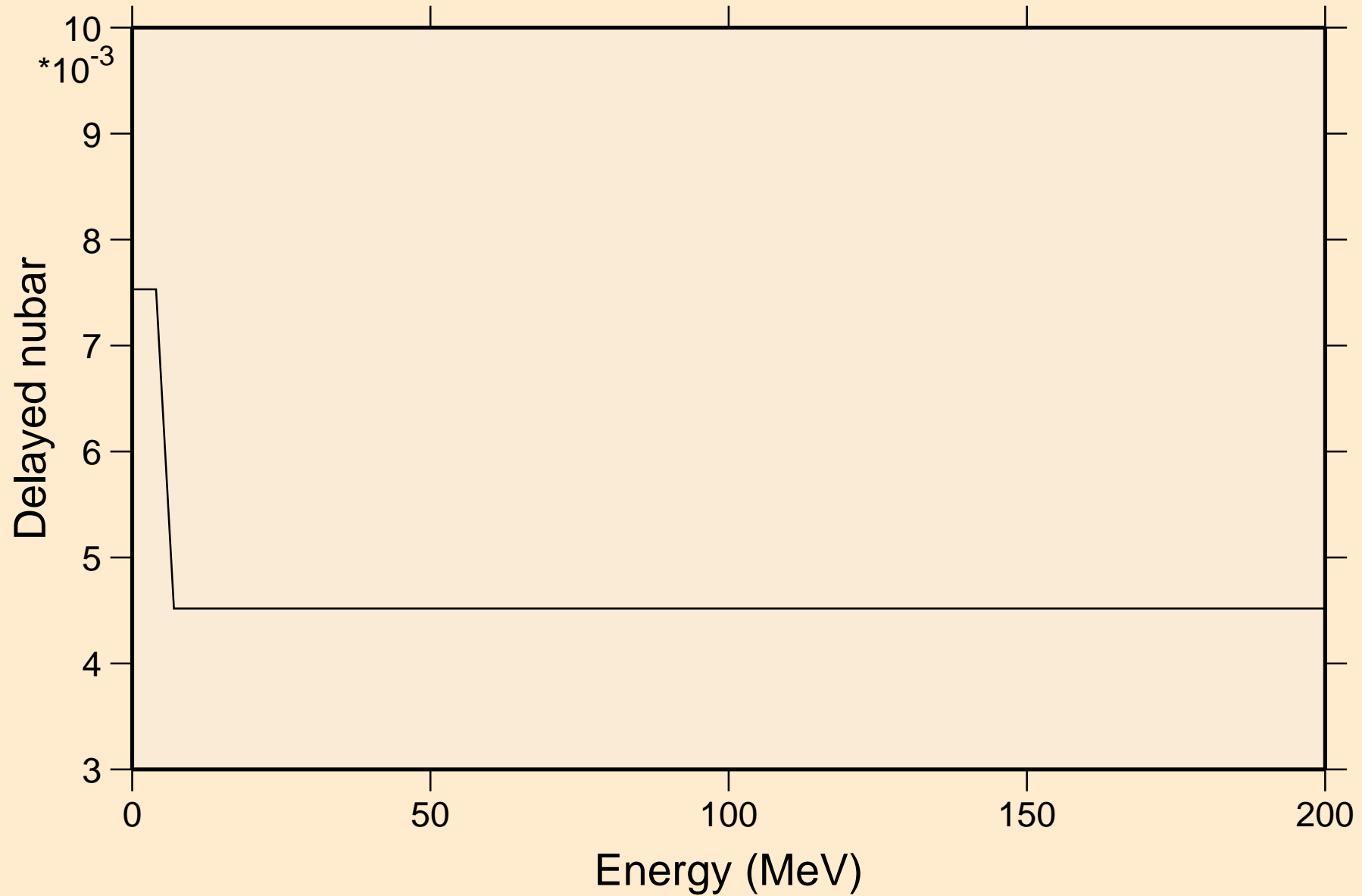


CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



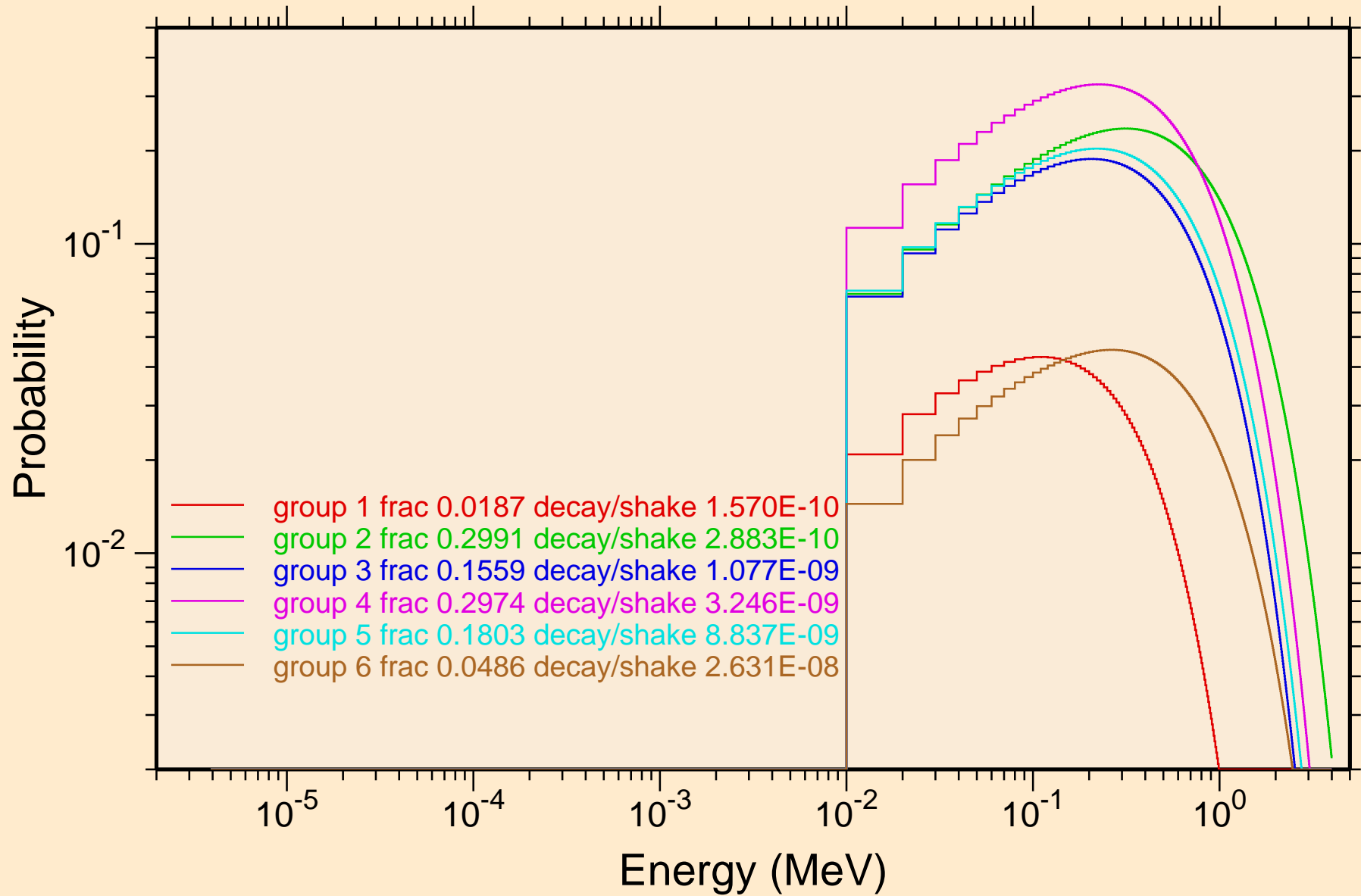
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Delayed nubar

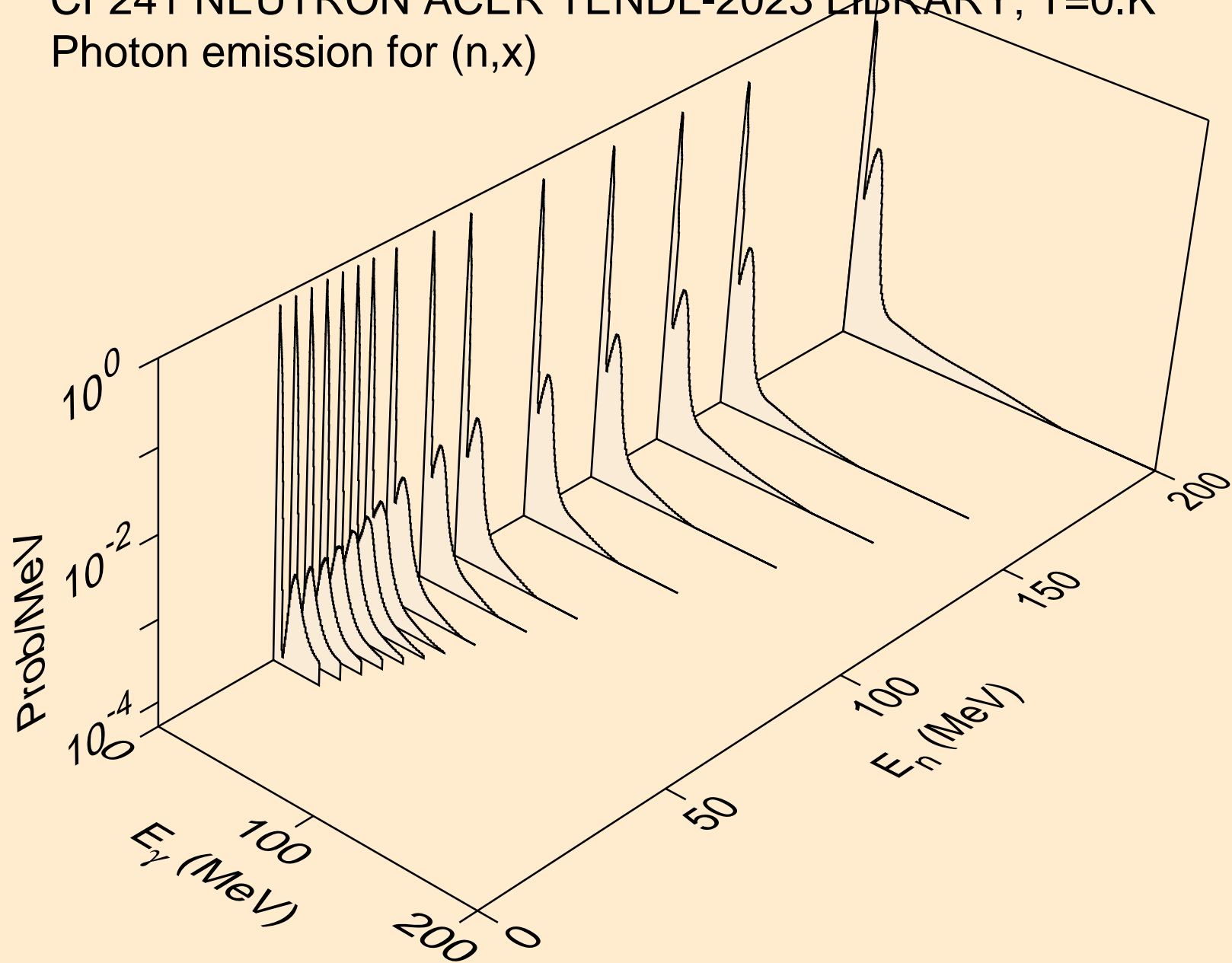


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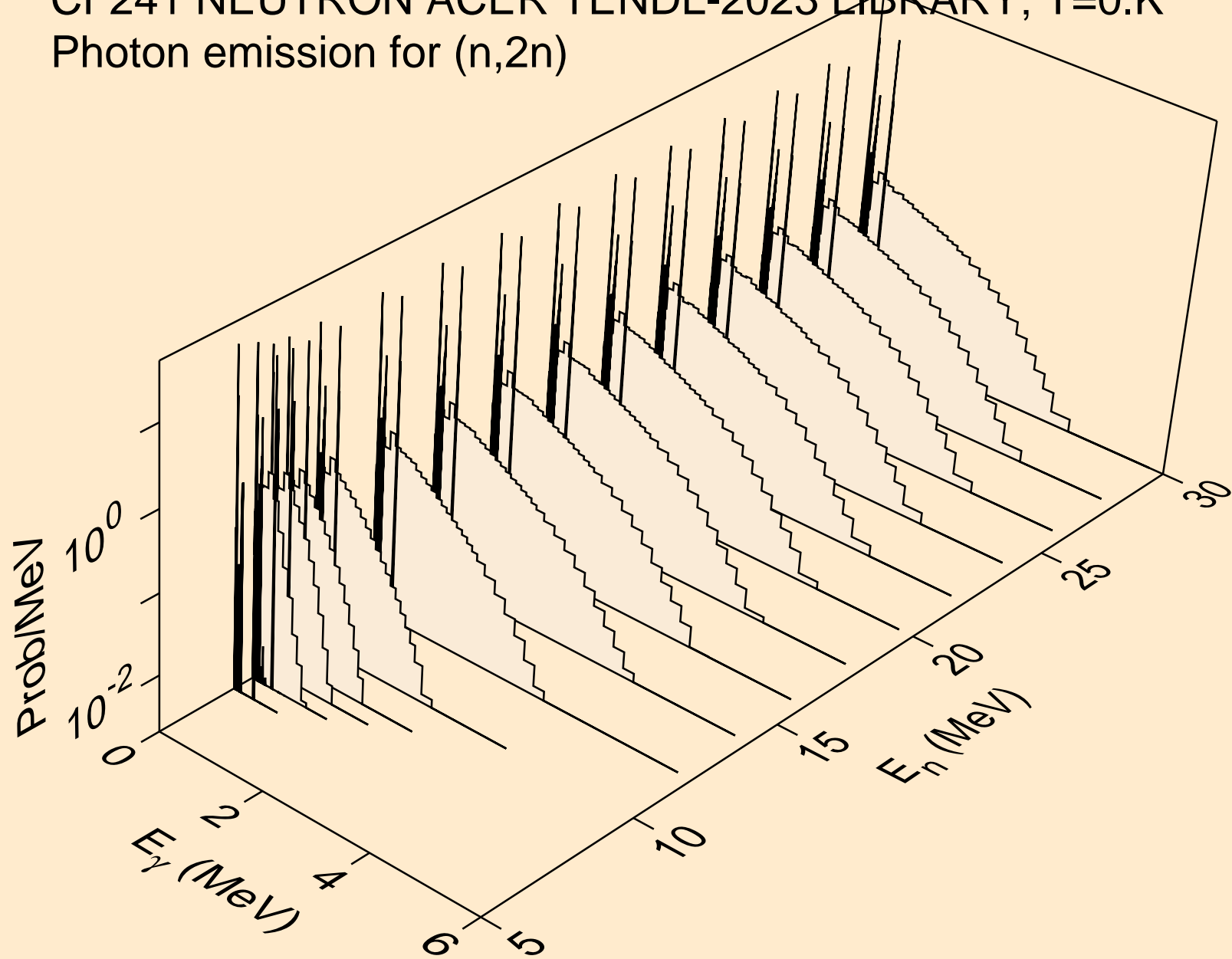
## Delayed neutron spectra



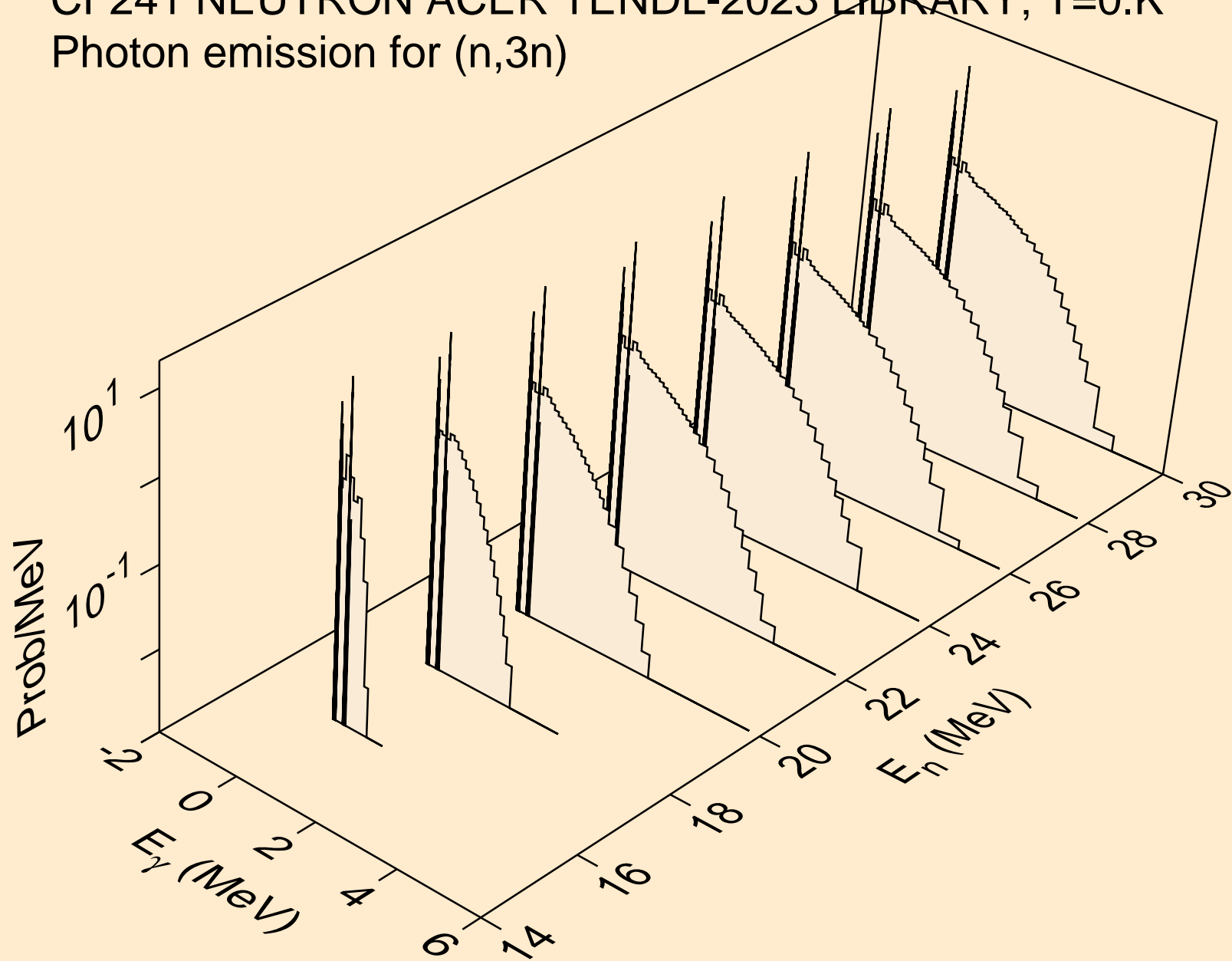
CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



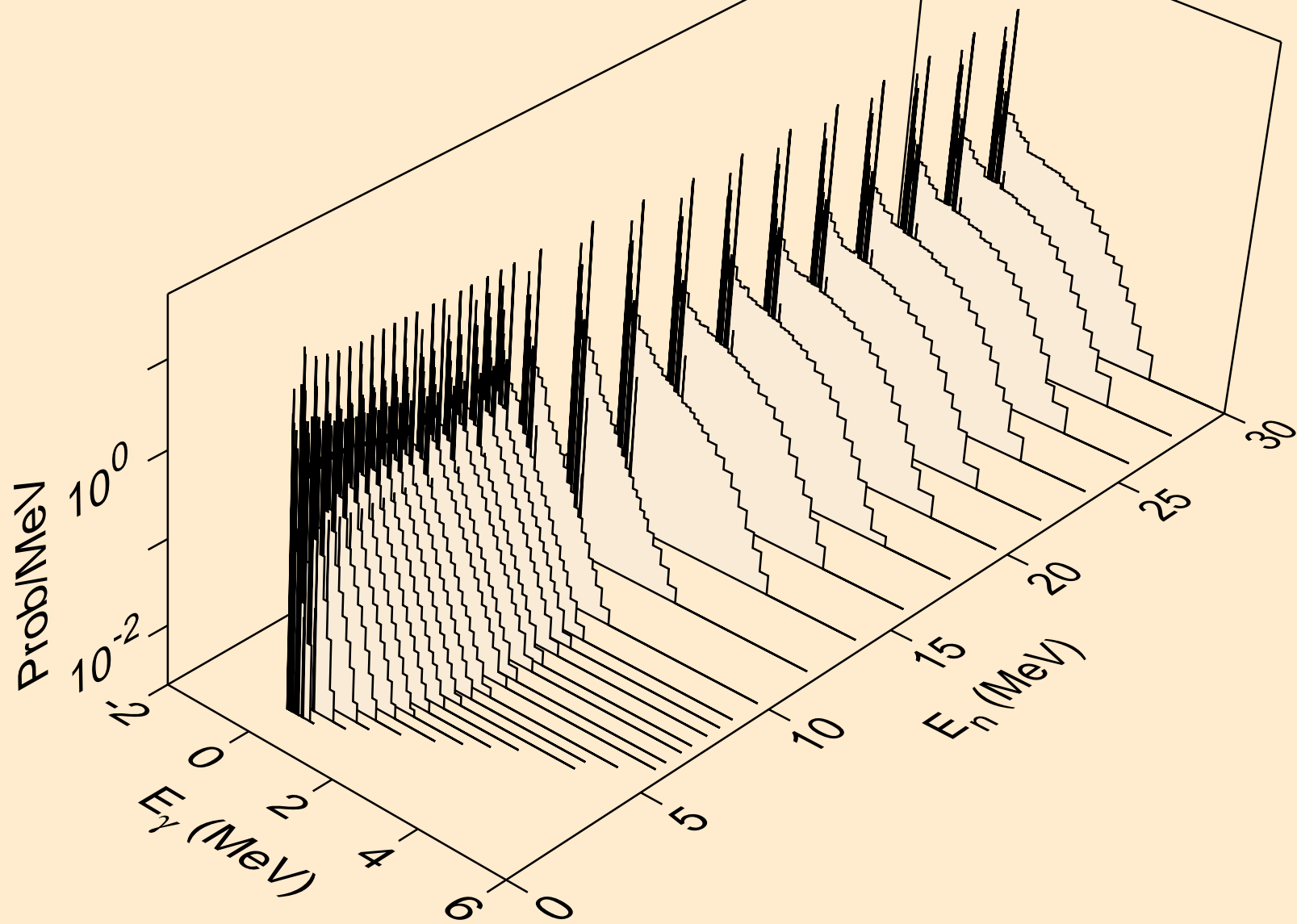
CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)

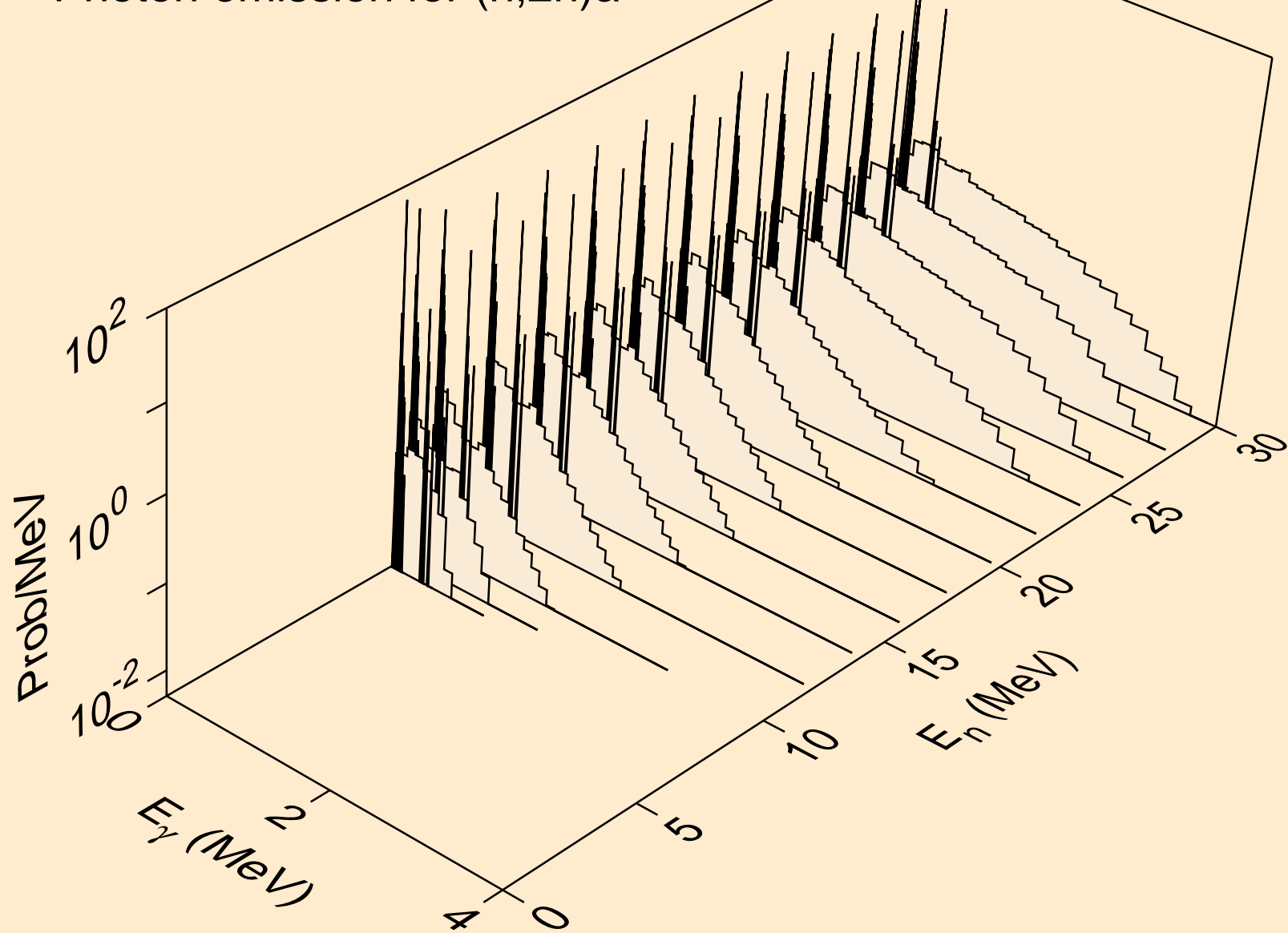


CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

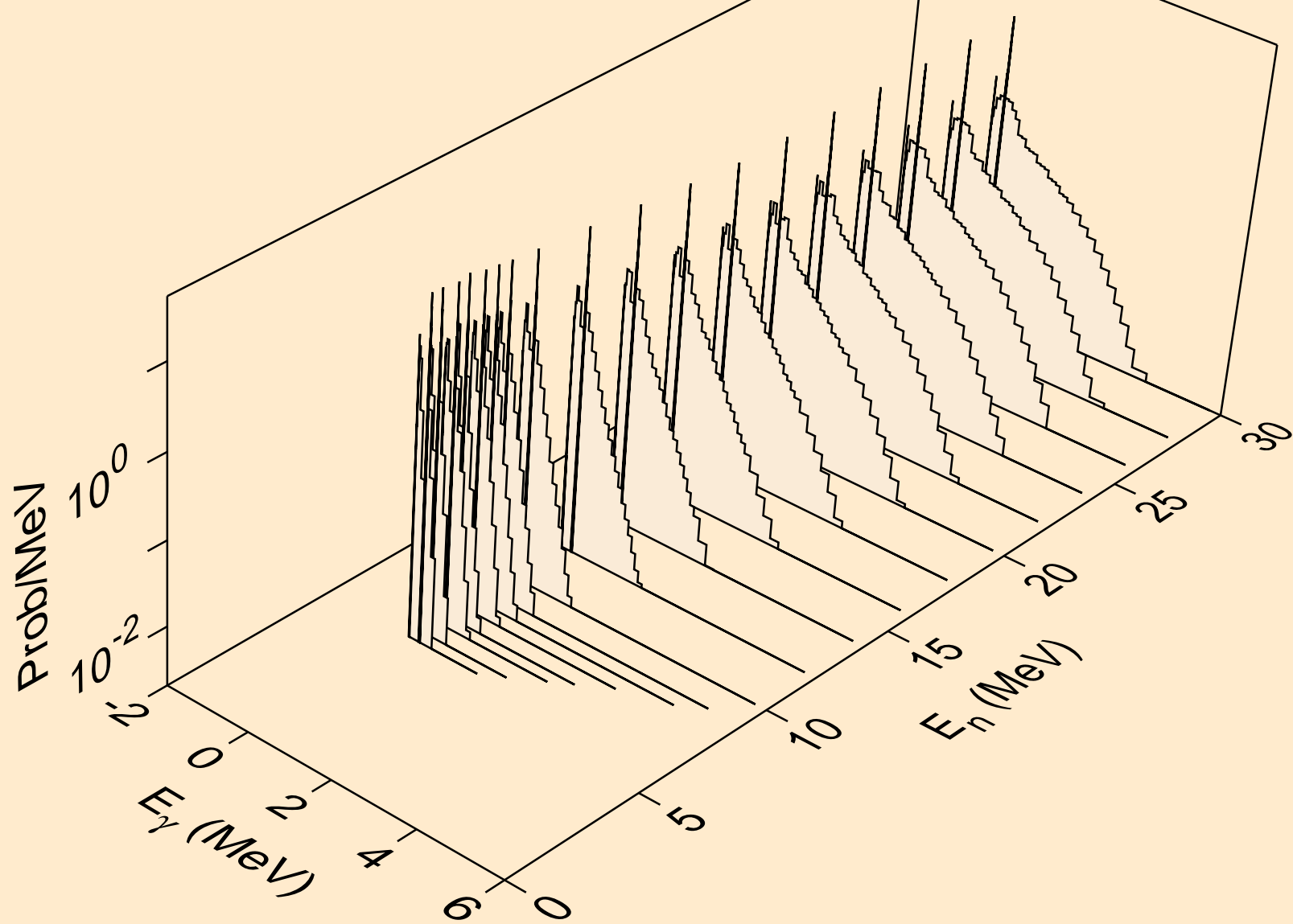




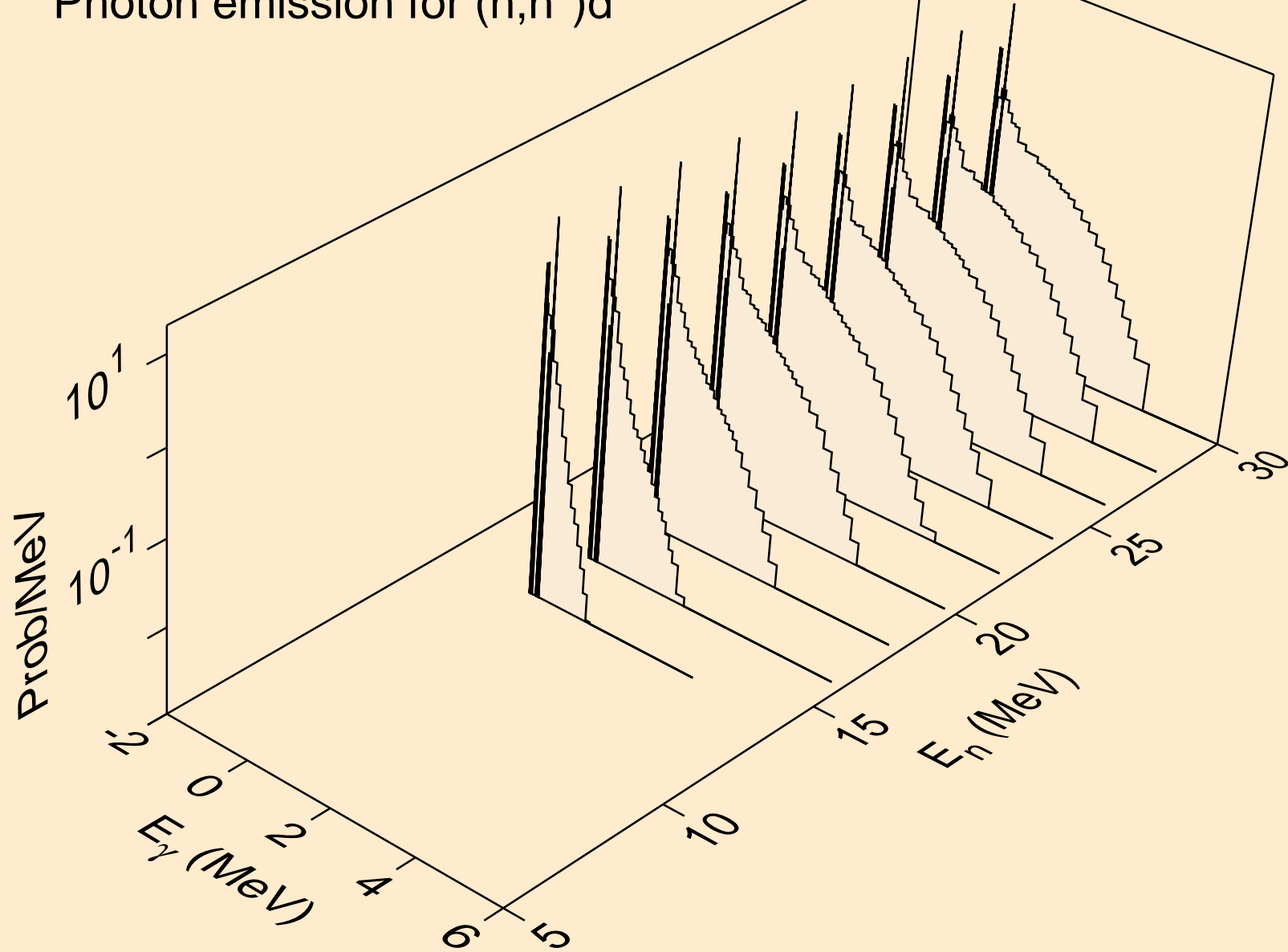
CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



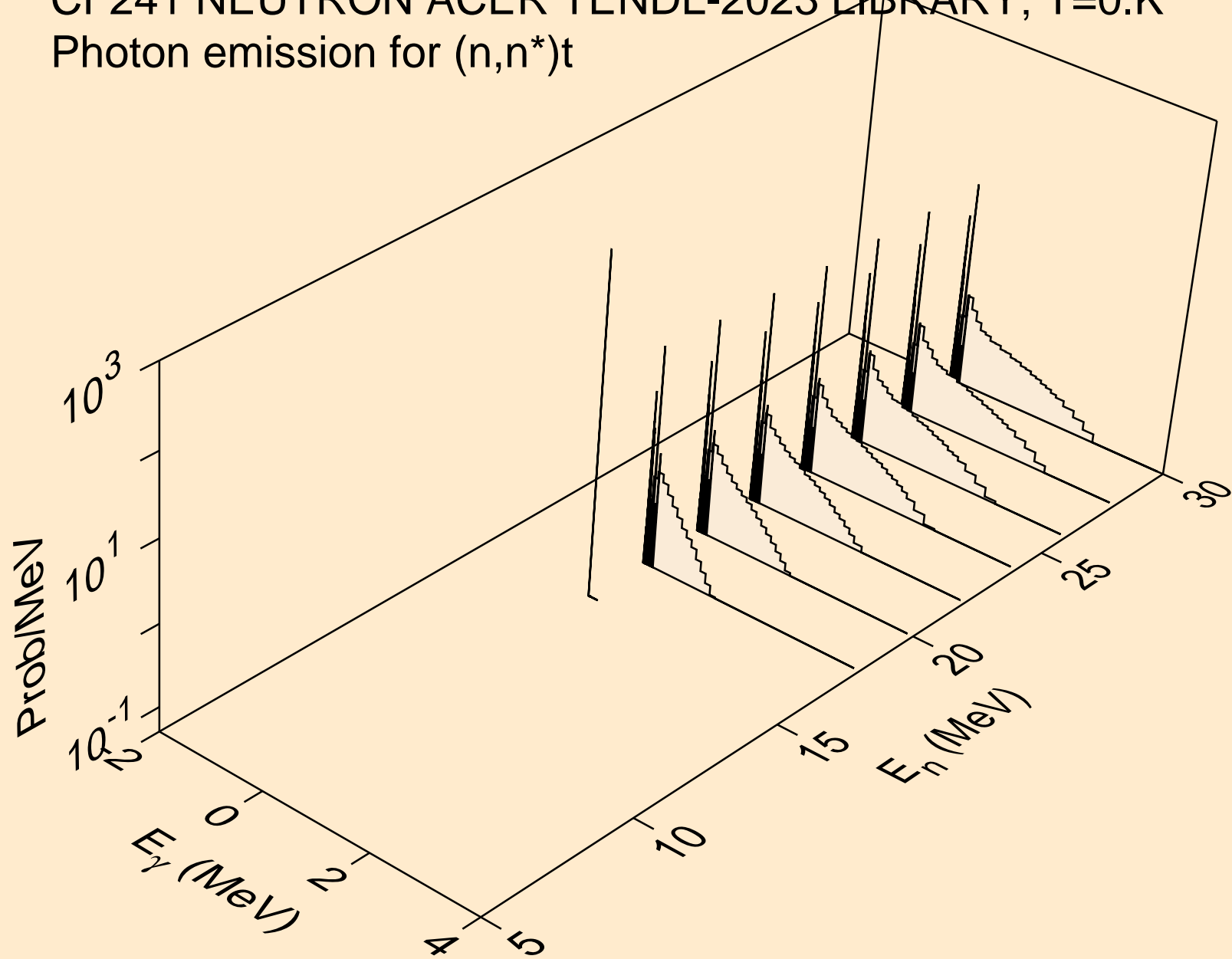
CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



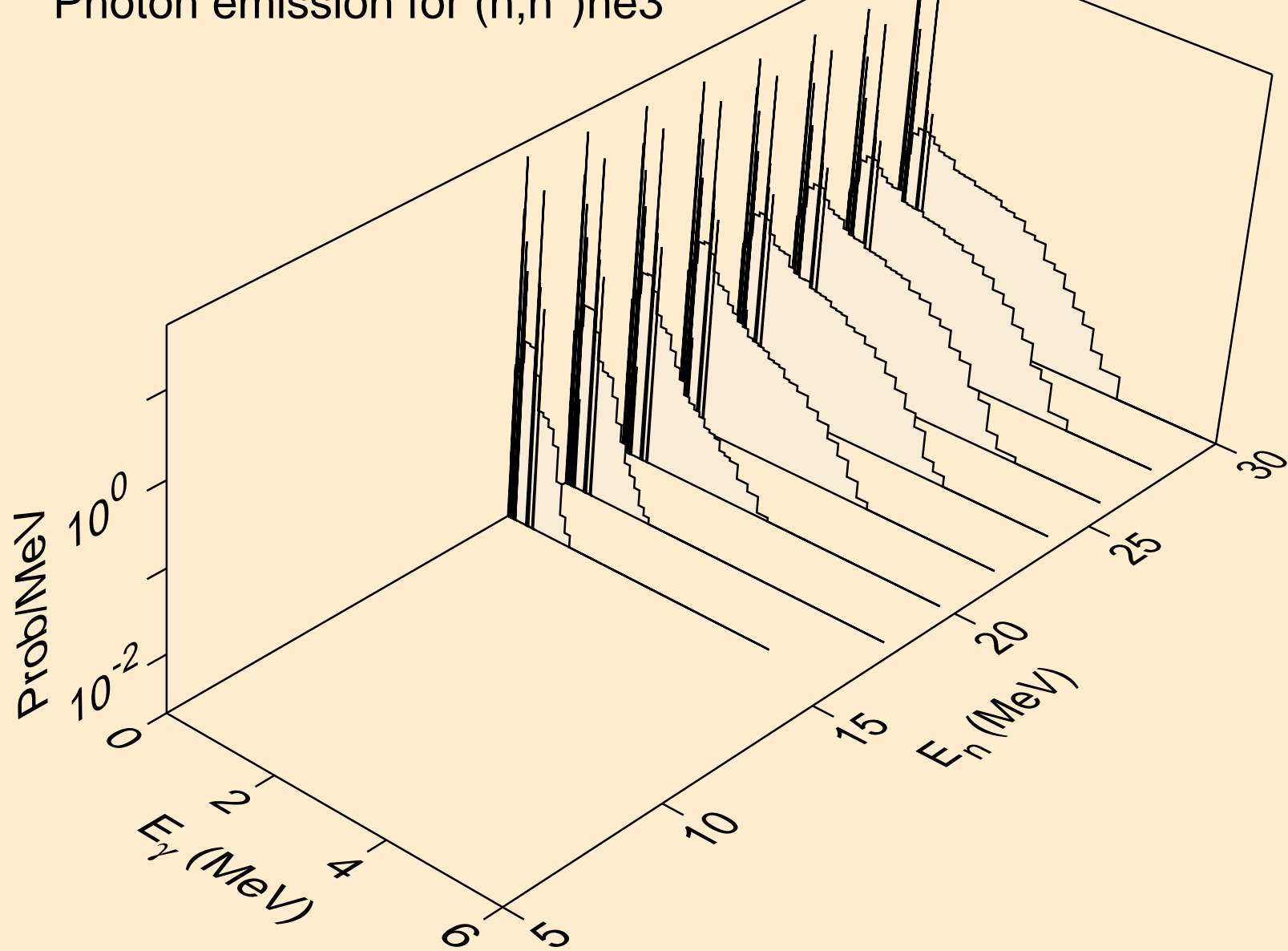
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Photon emission for (n,n\*)d



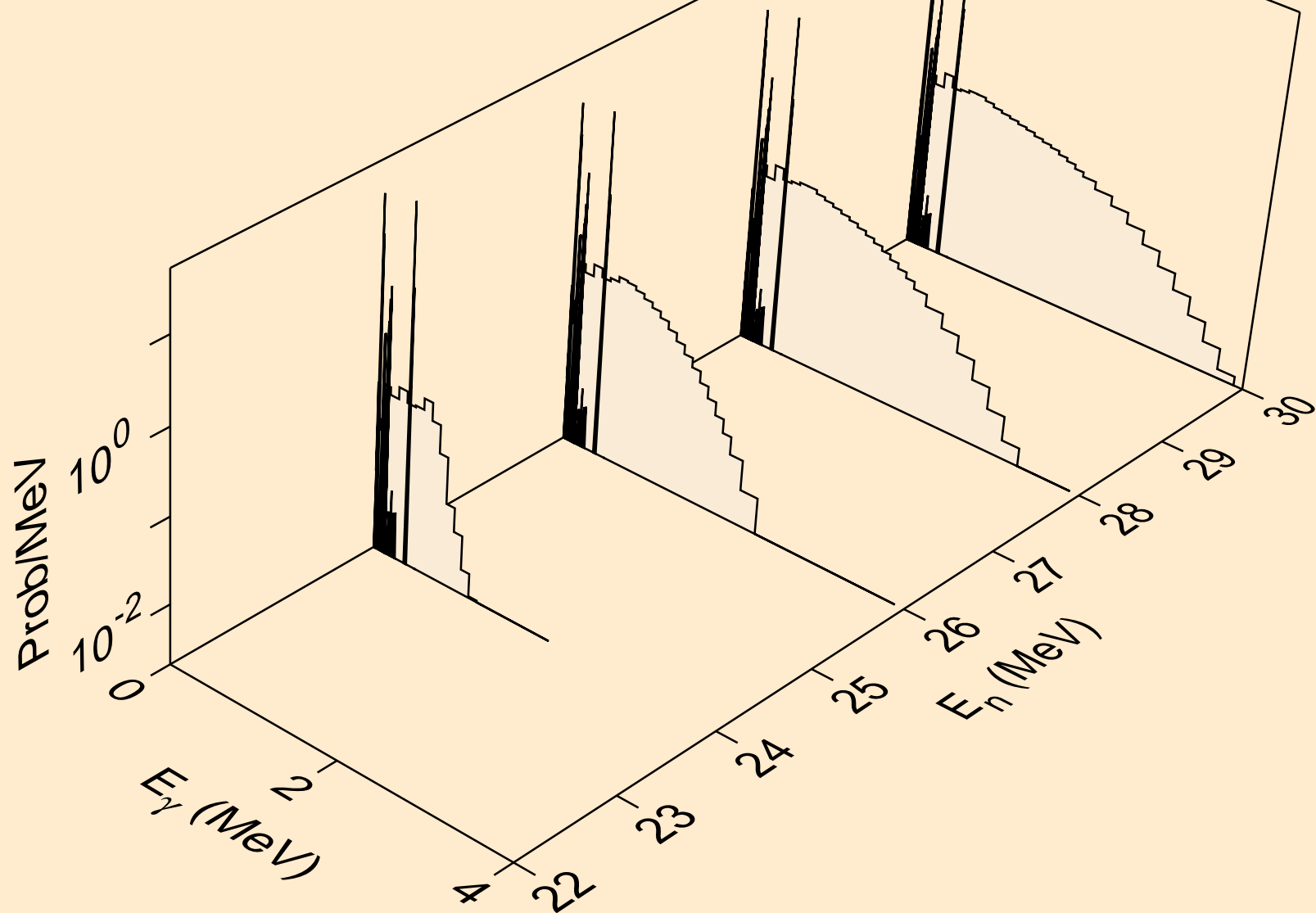
CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



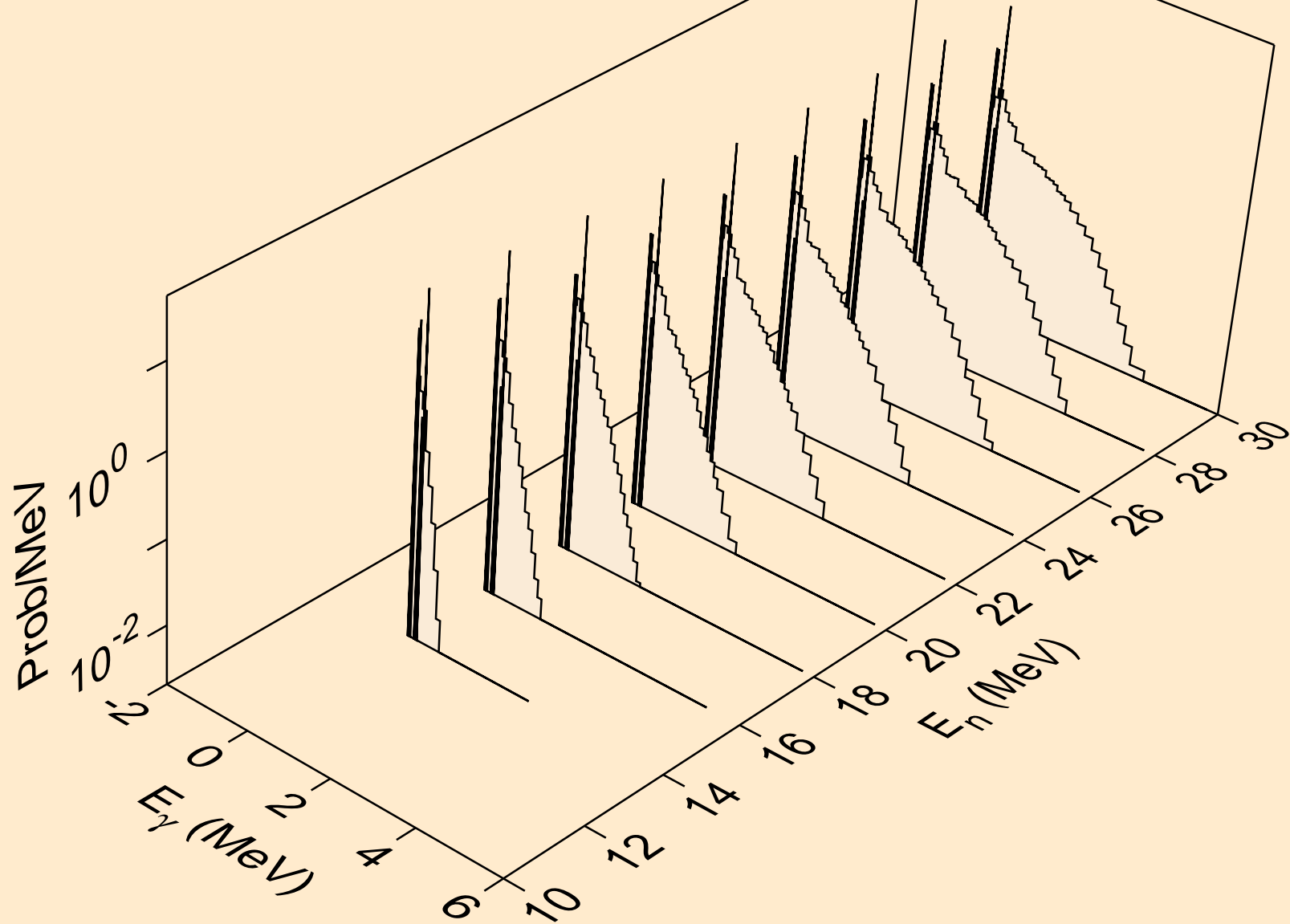
CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



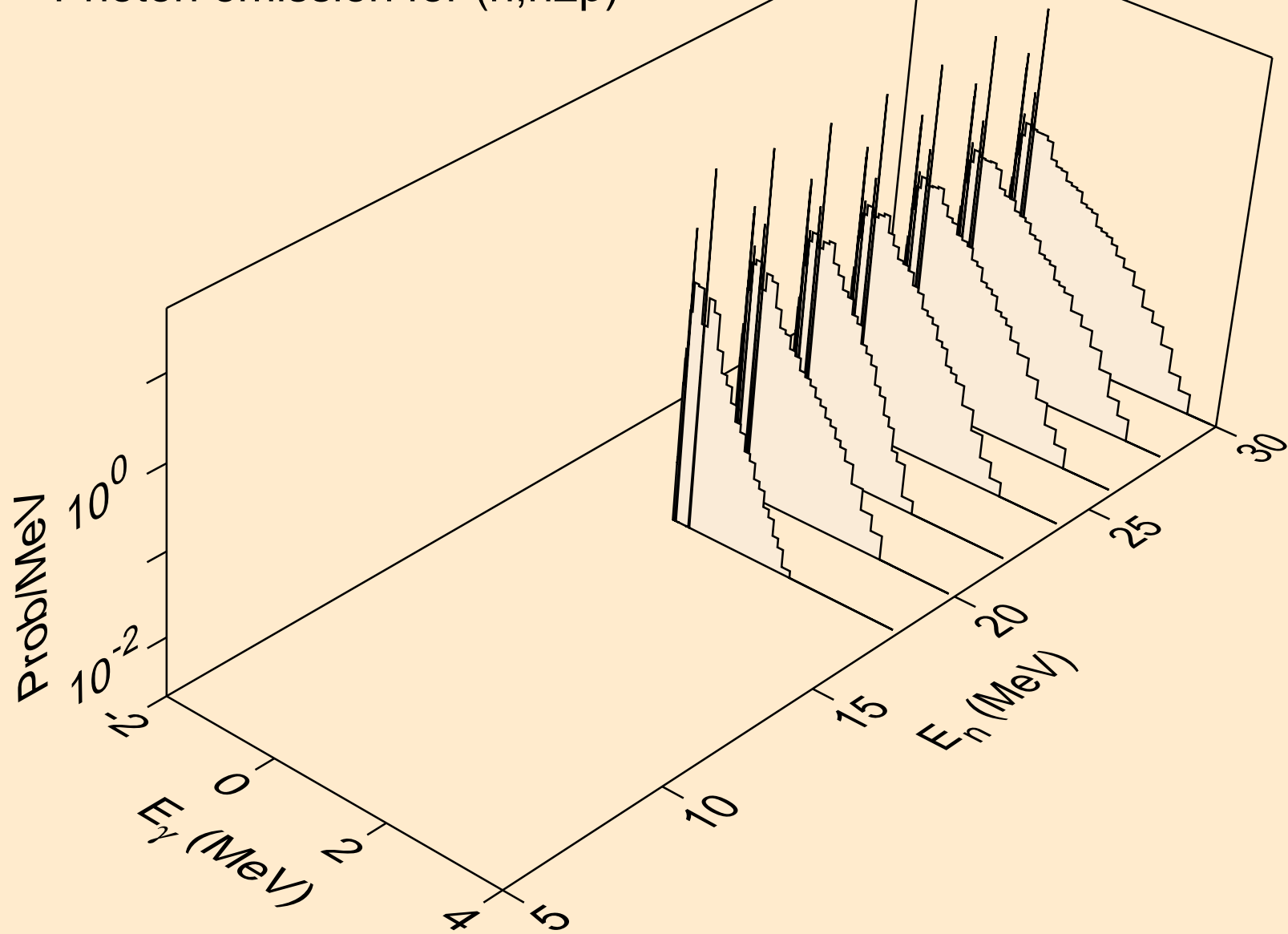
CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

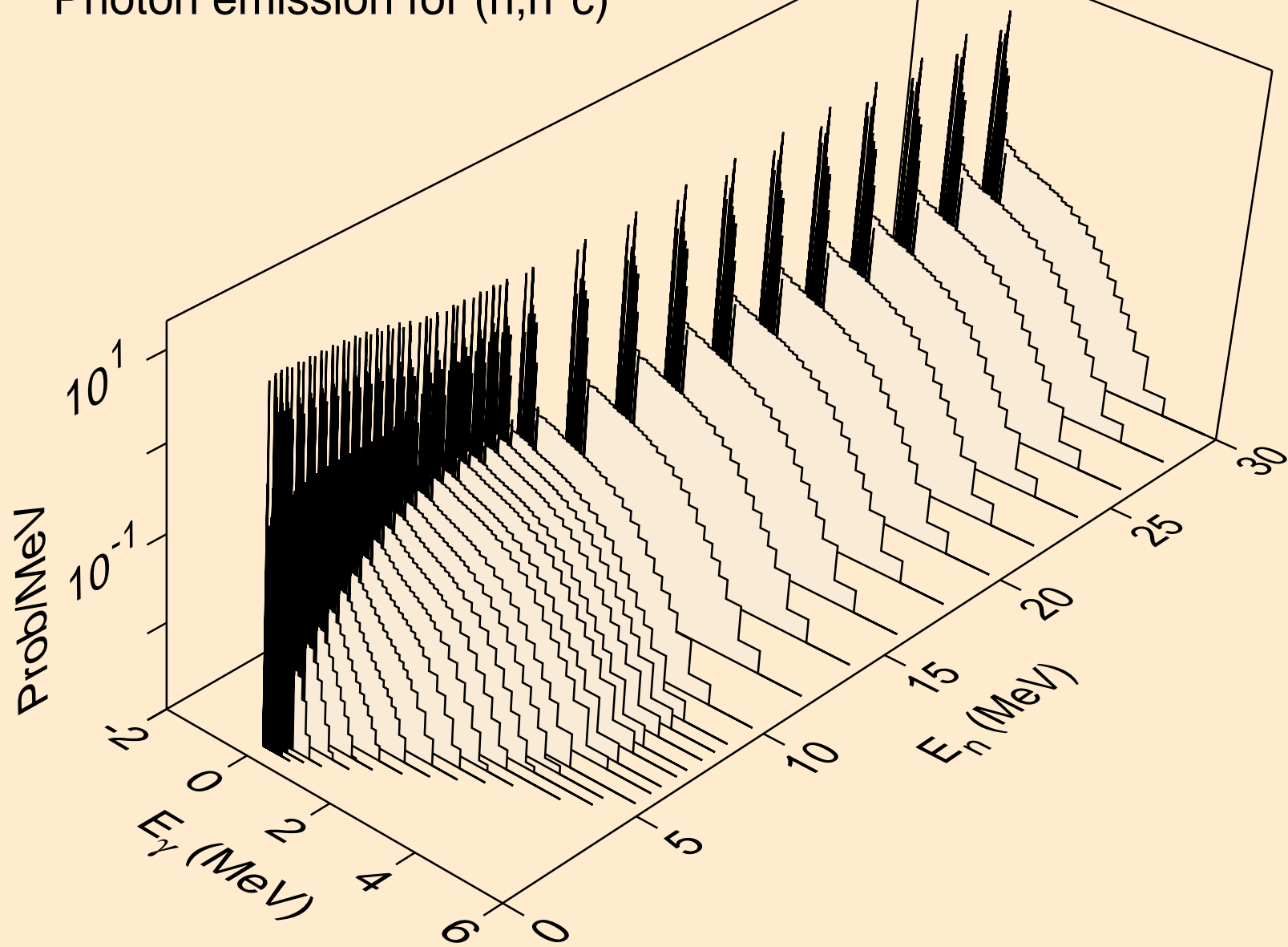


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Photon emission for (n,n2p)

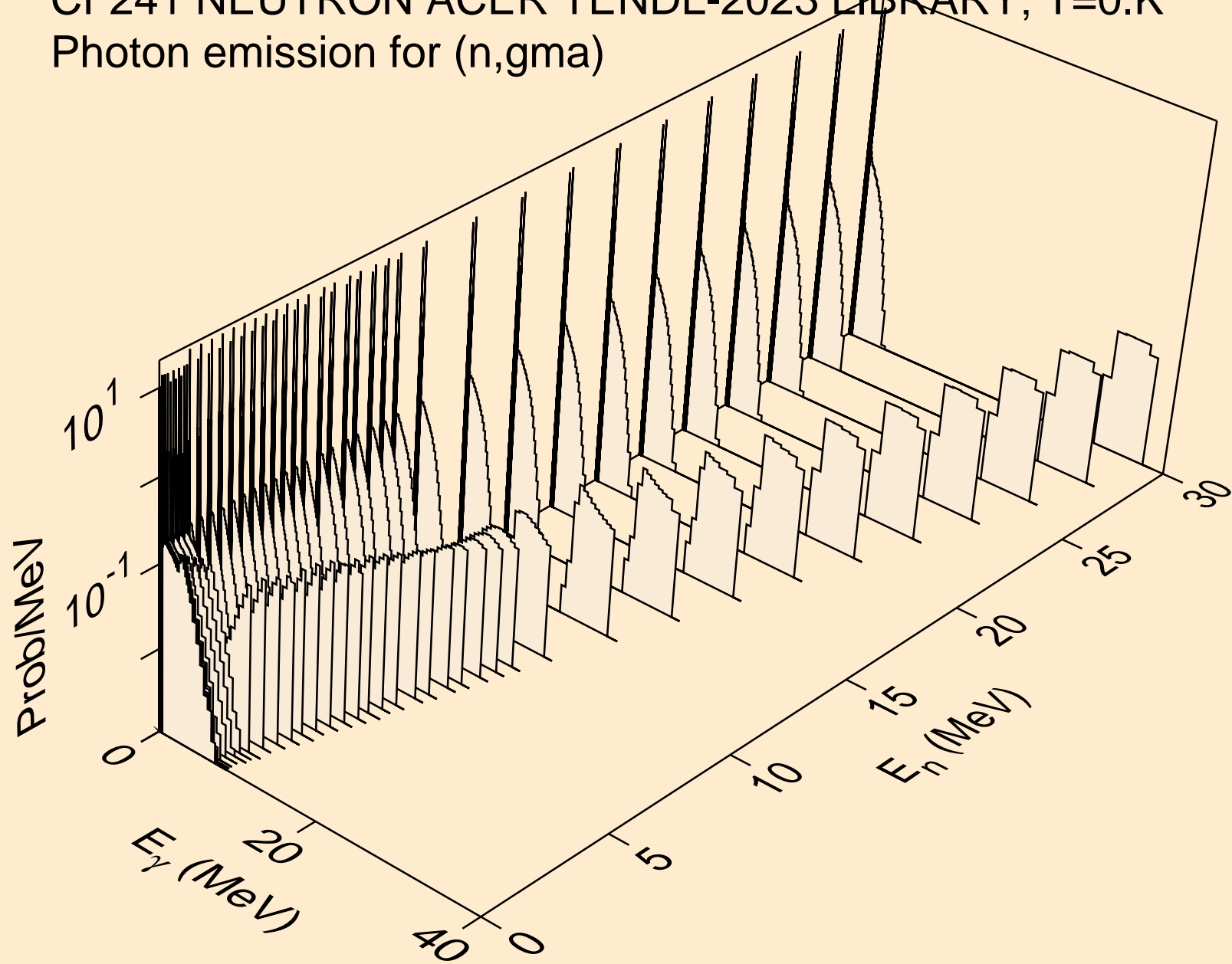




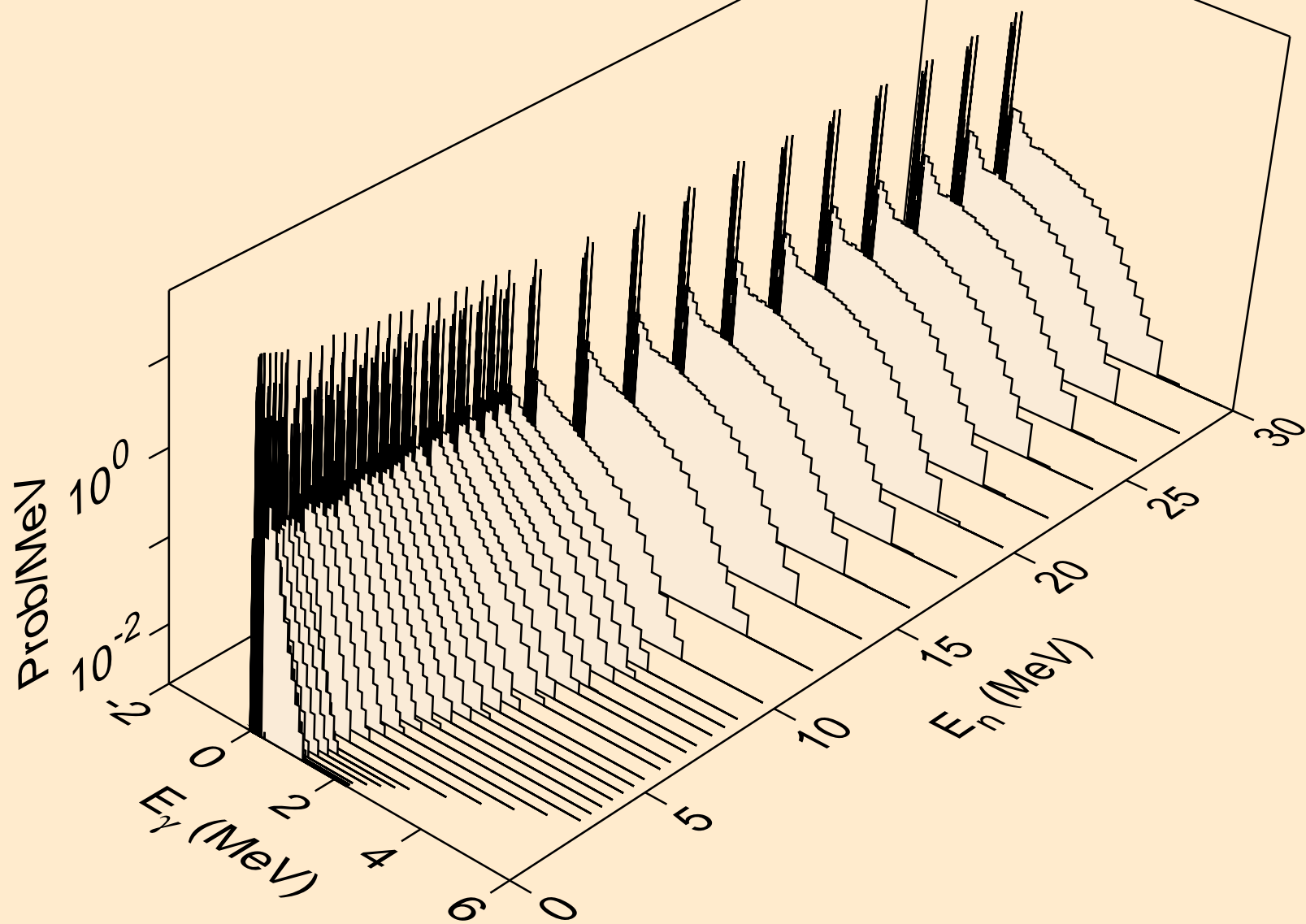
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Photon emission for (n,n\*c)



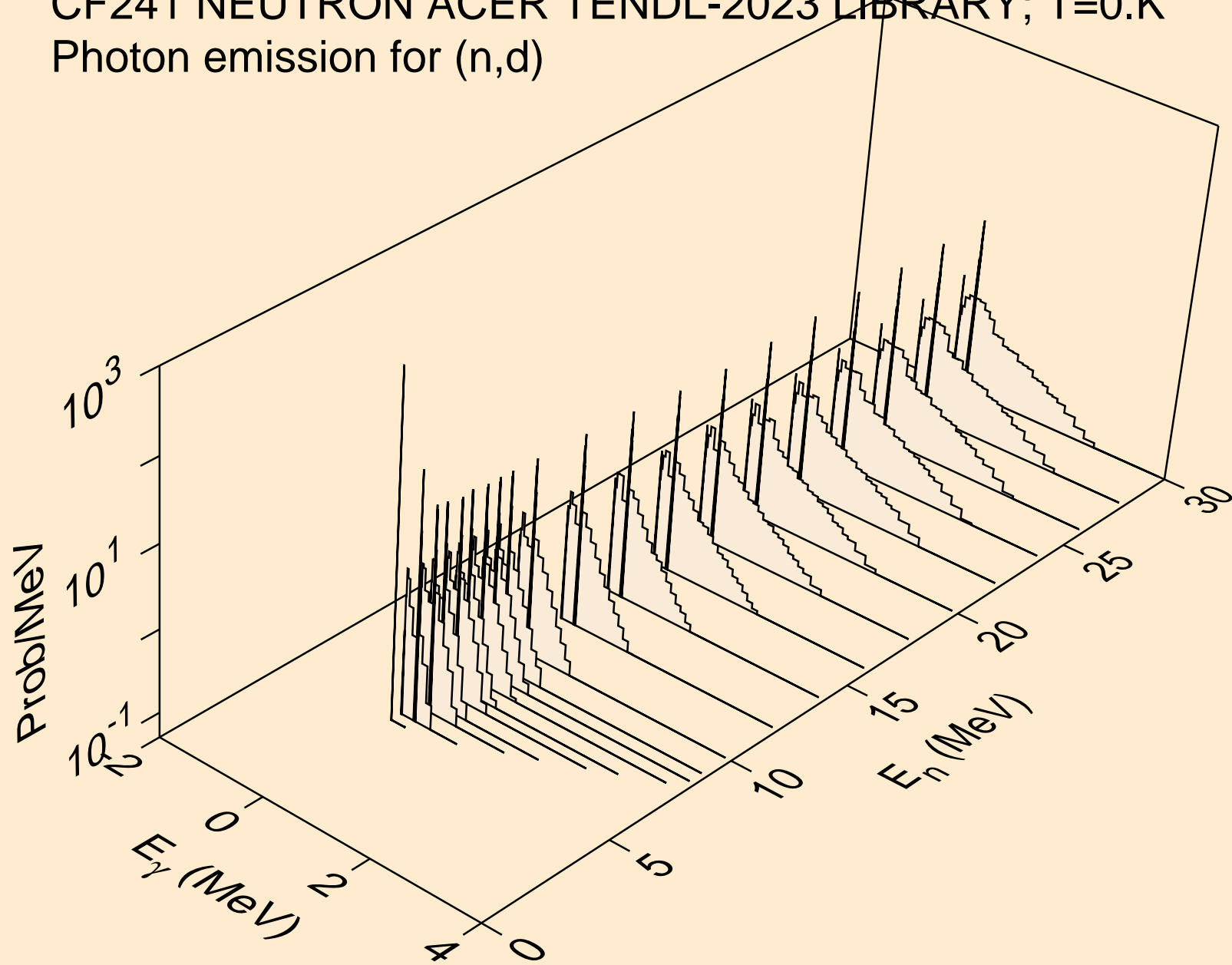
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Photon emission for (n,gma)



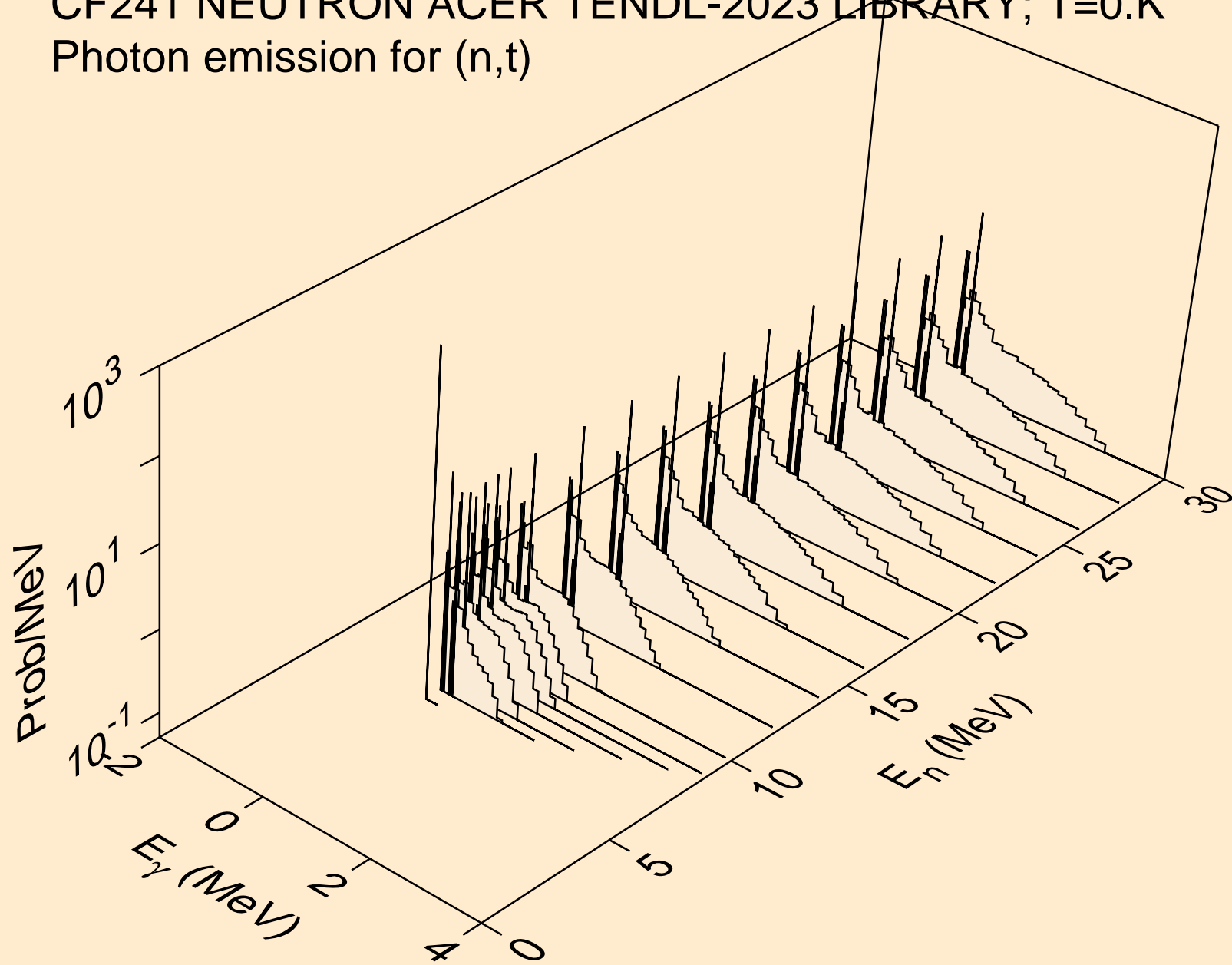
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Photon emission for (n,p)



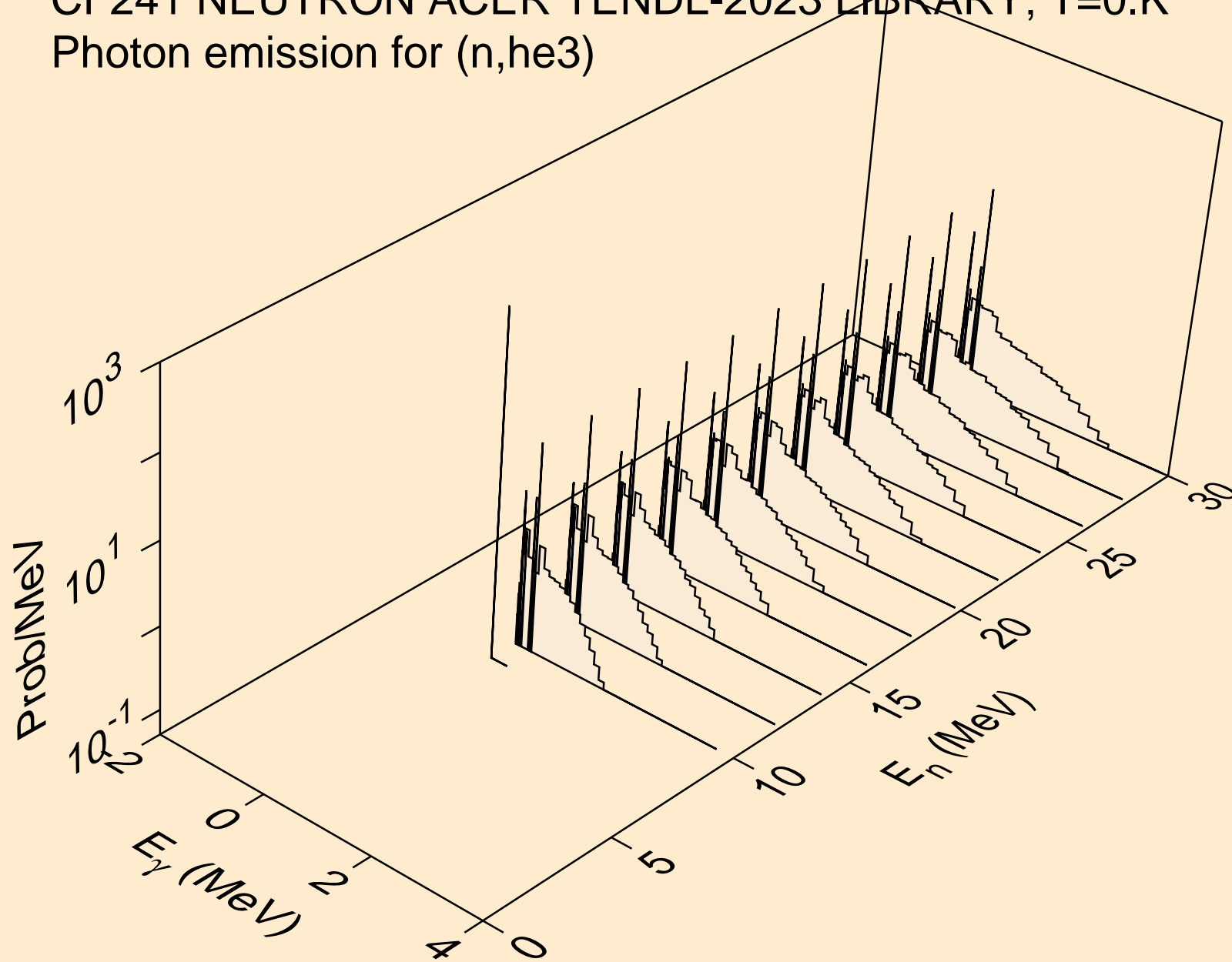
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Photon emission for (n,d)



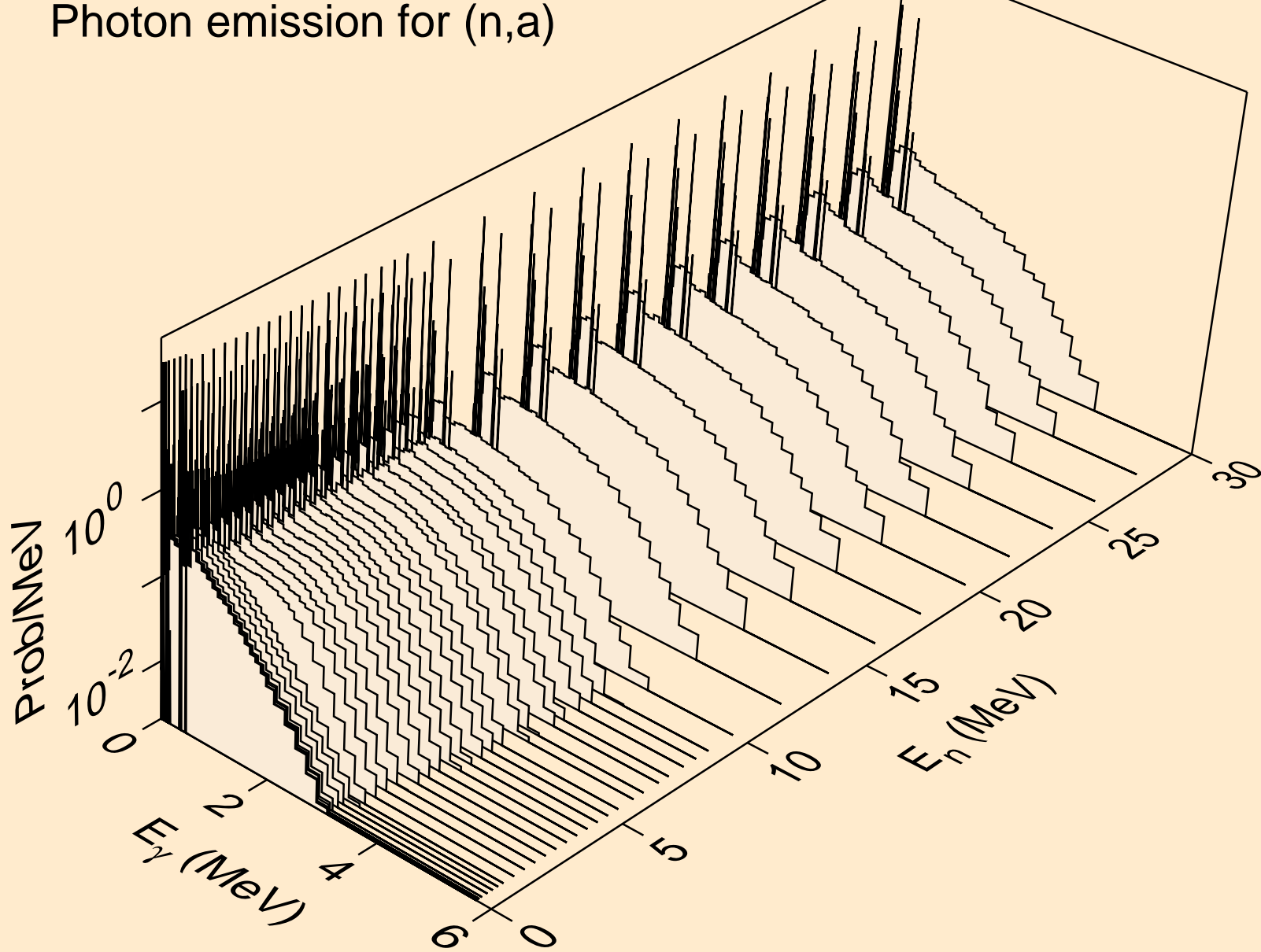
CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



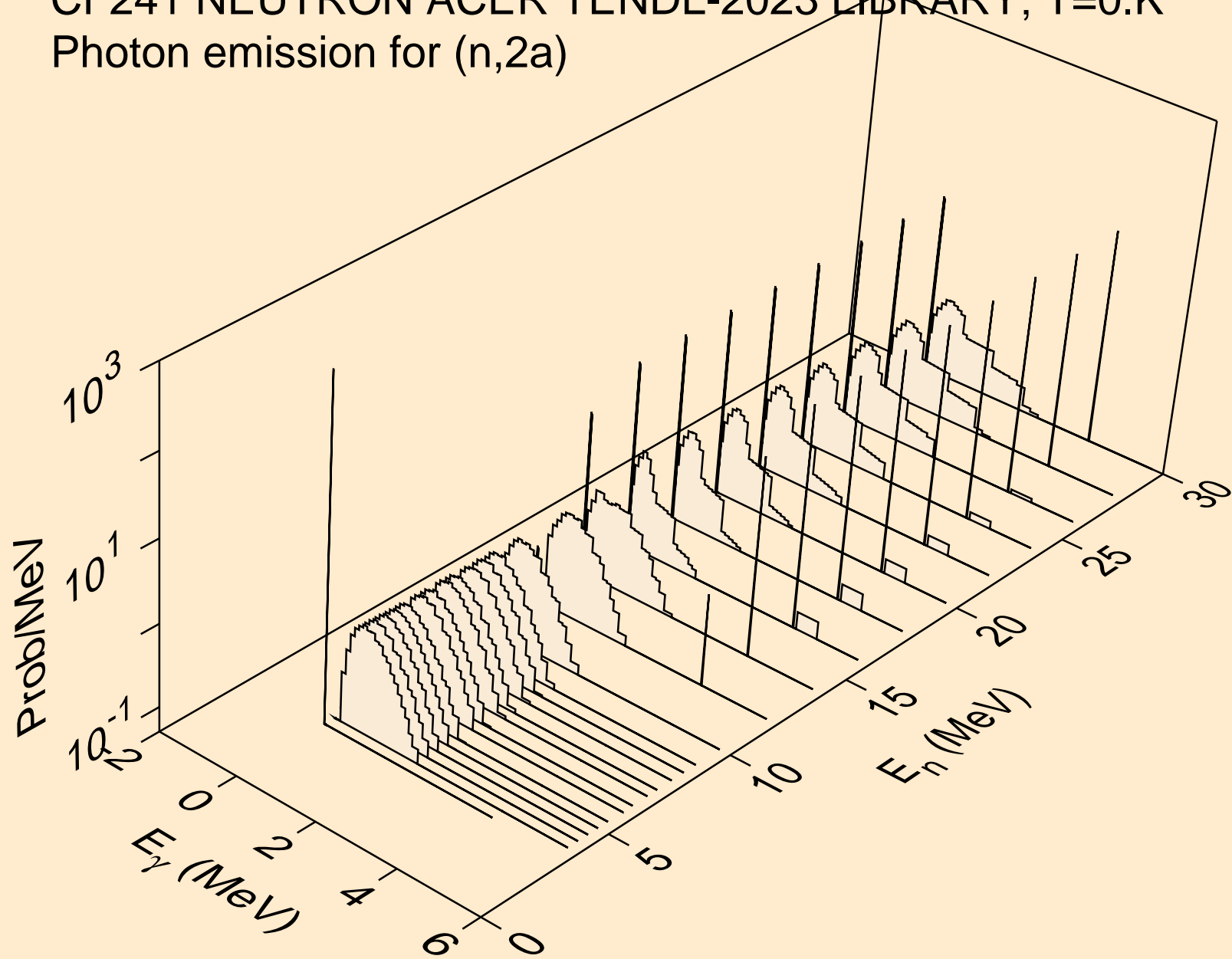
CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)

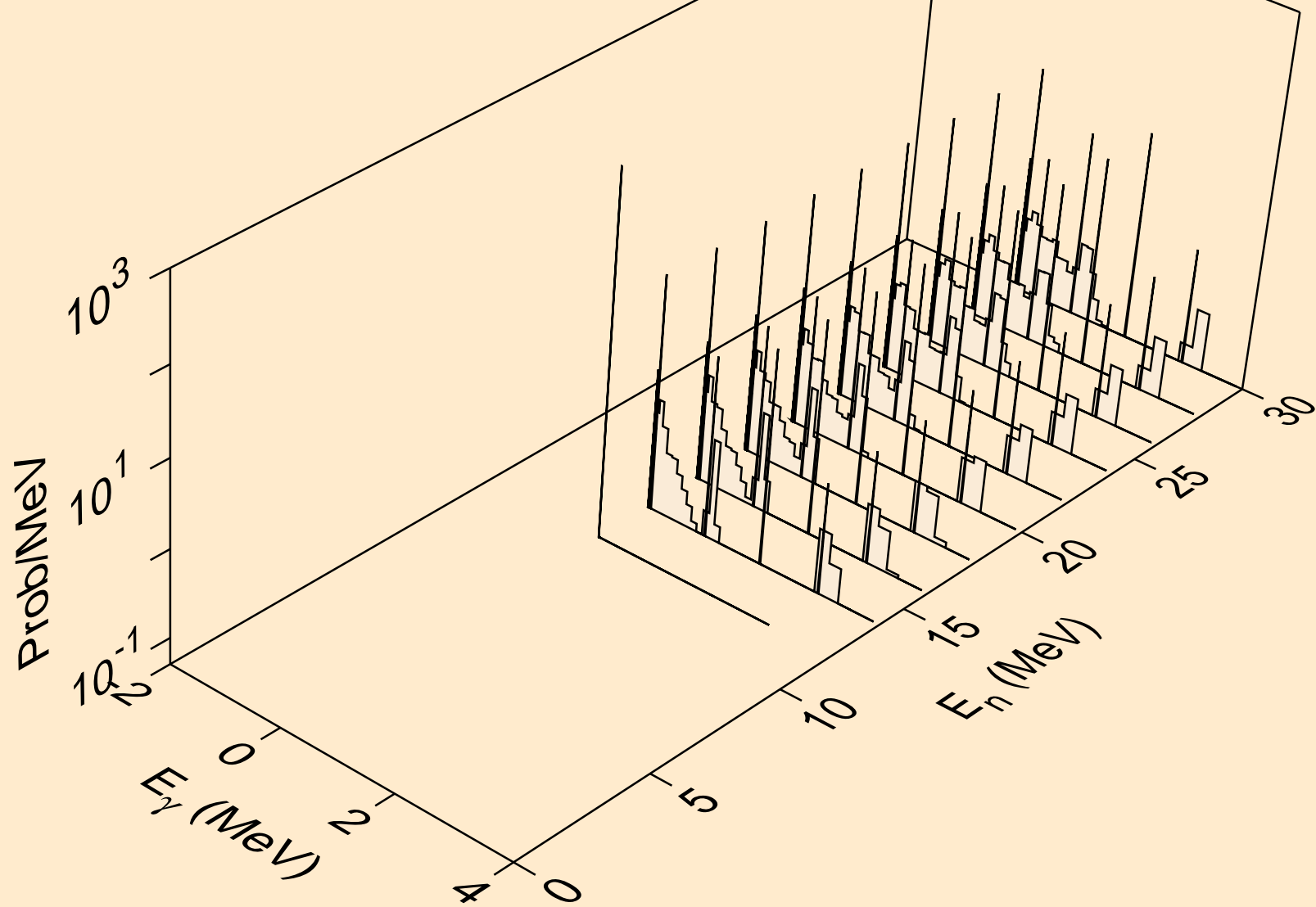


CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)

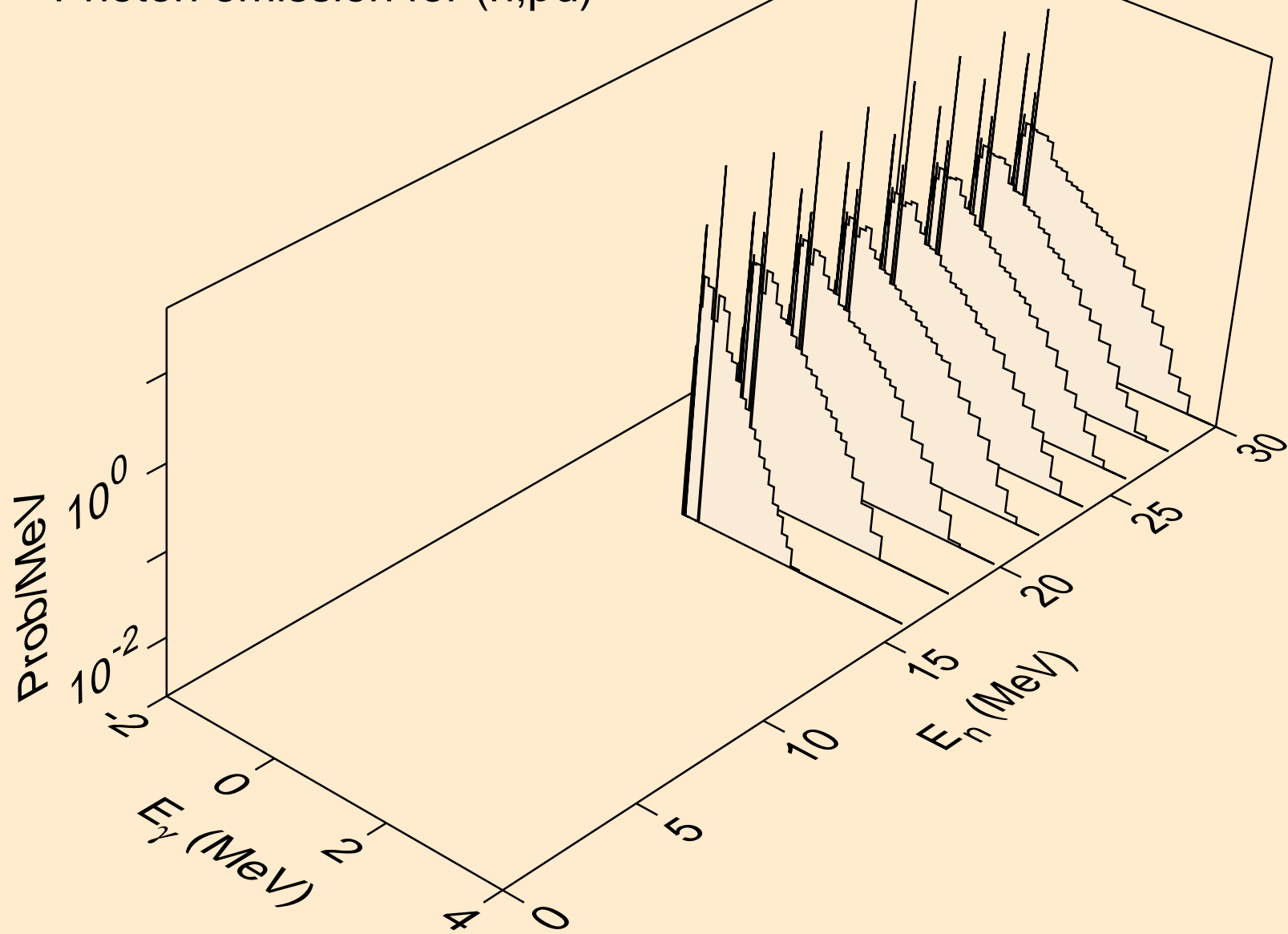




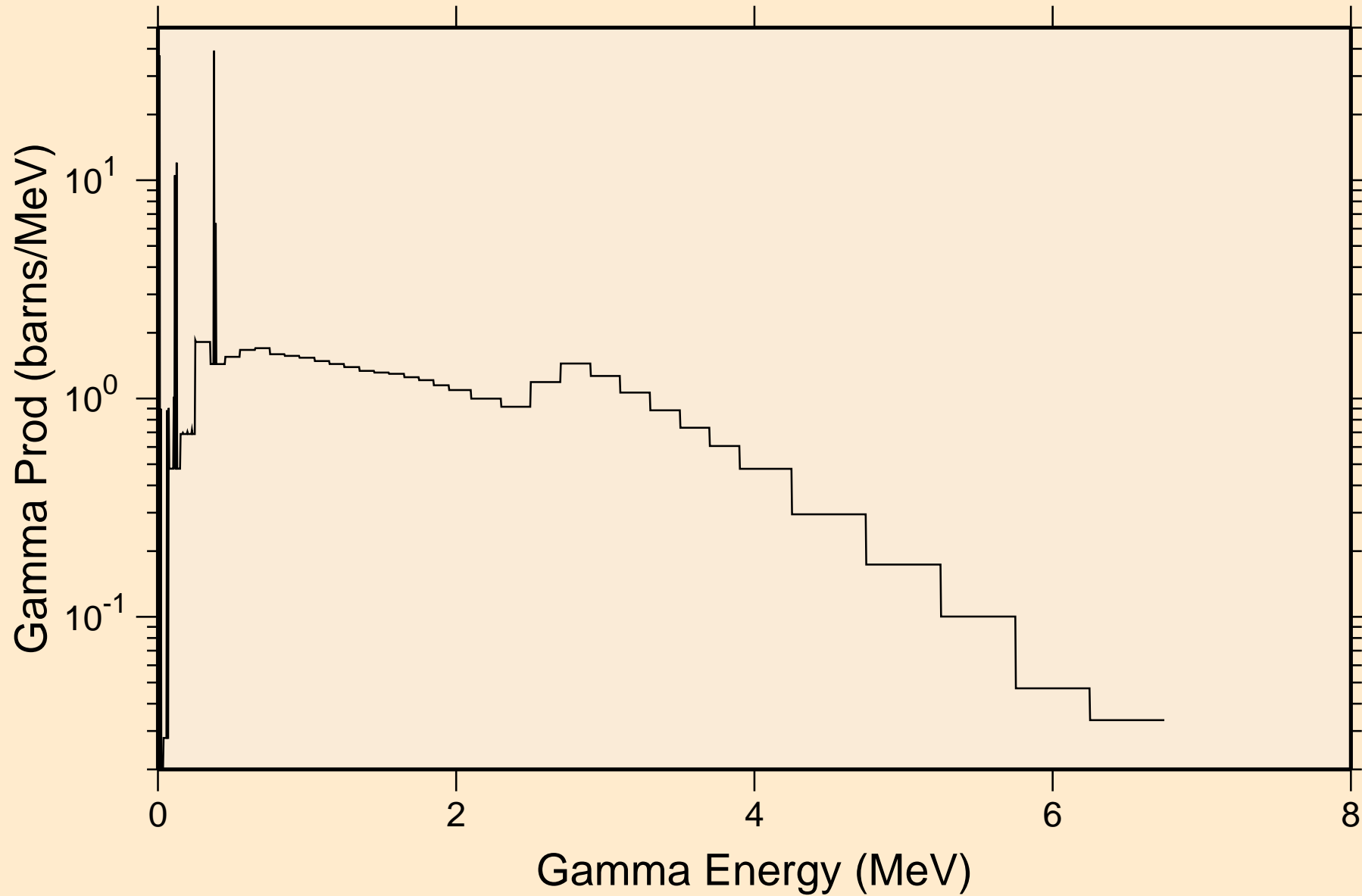
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Photon emission for (n,2p)



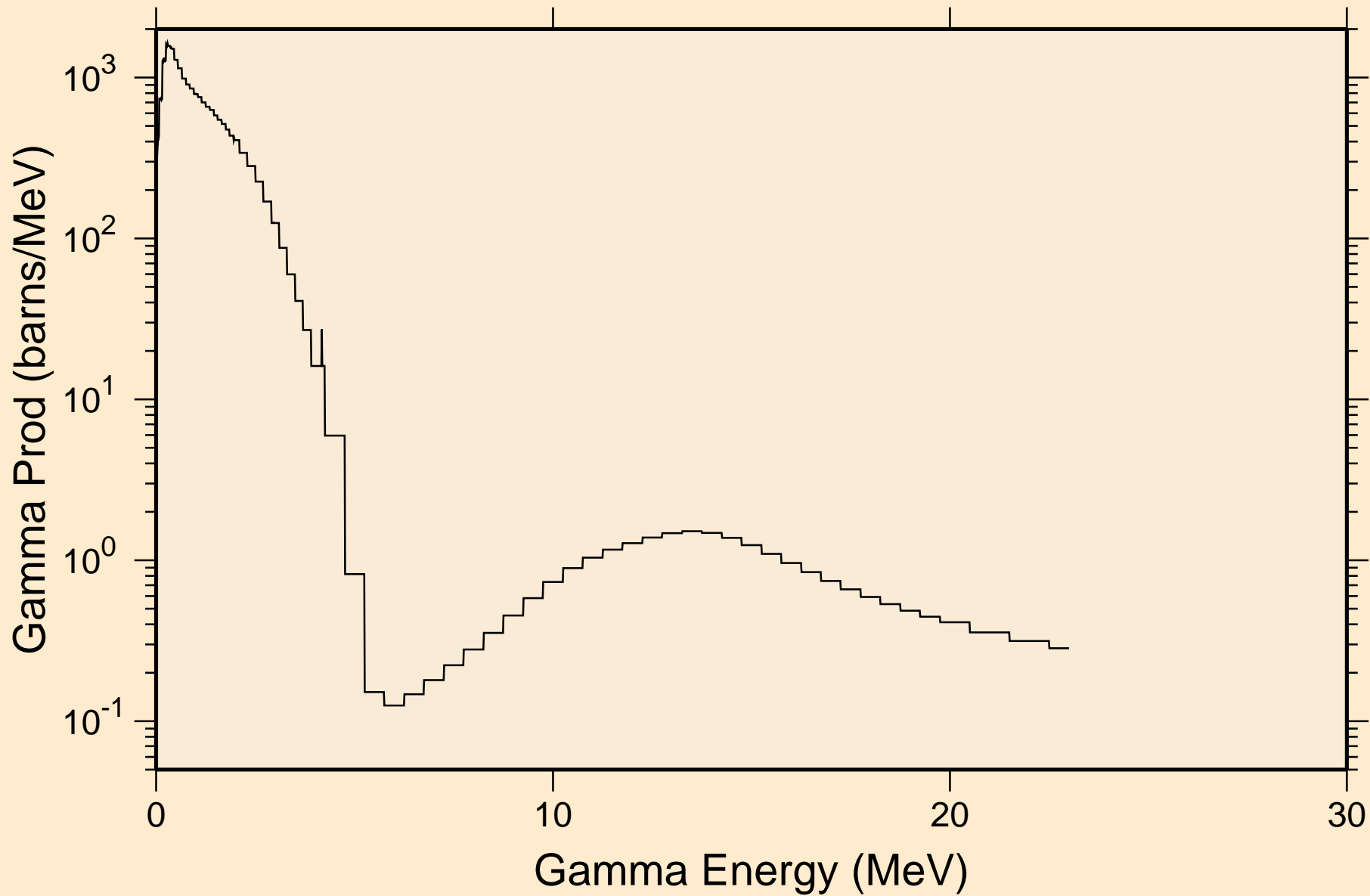
CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

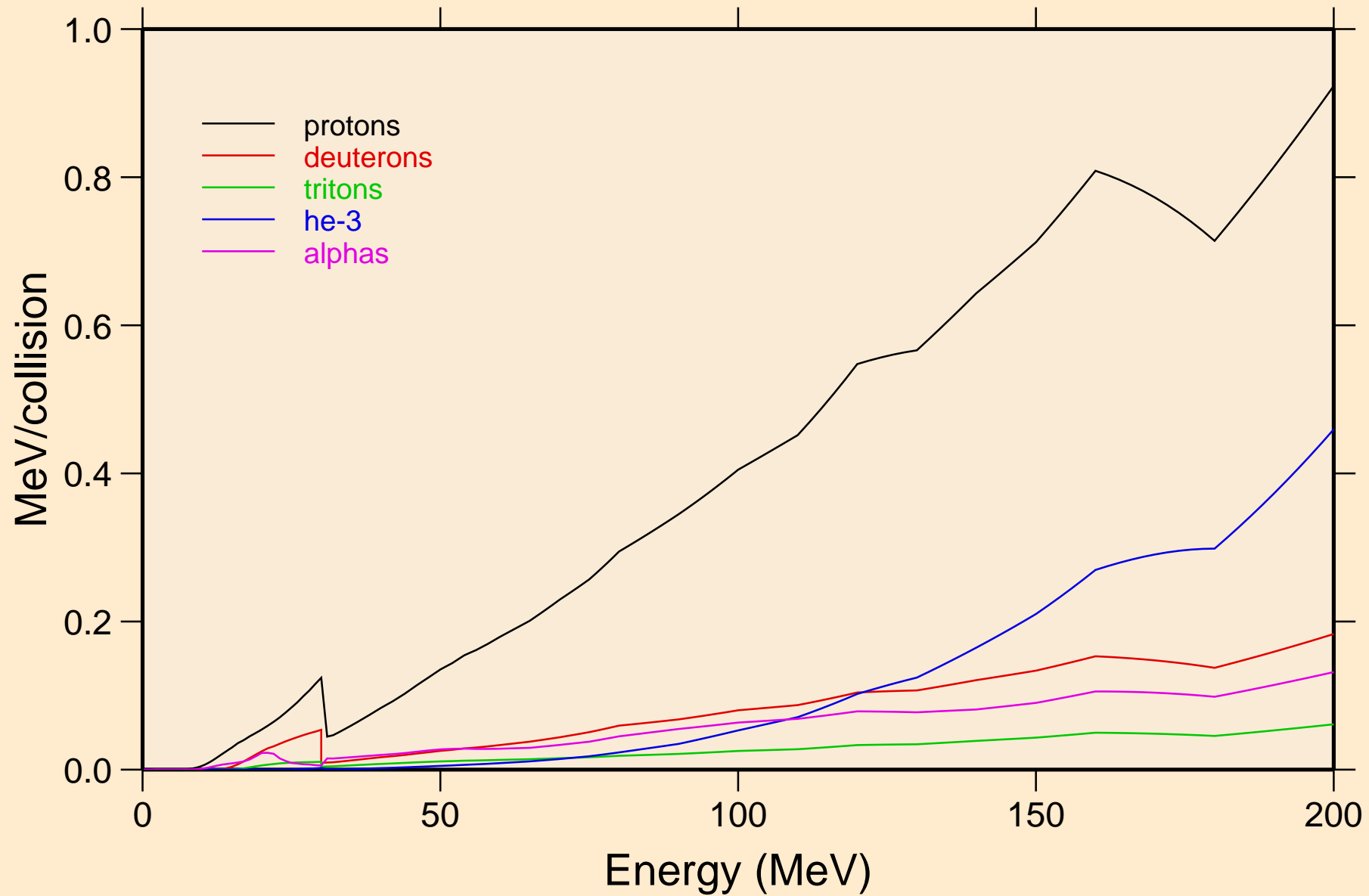


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14 MeV photon spectrum

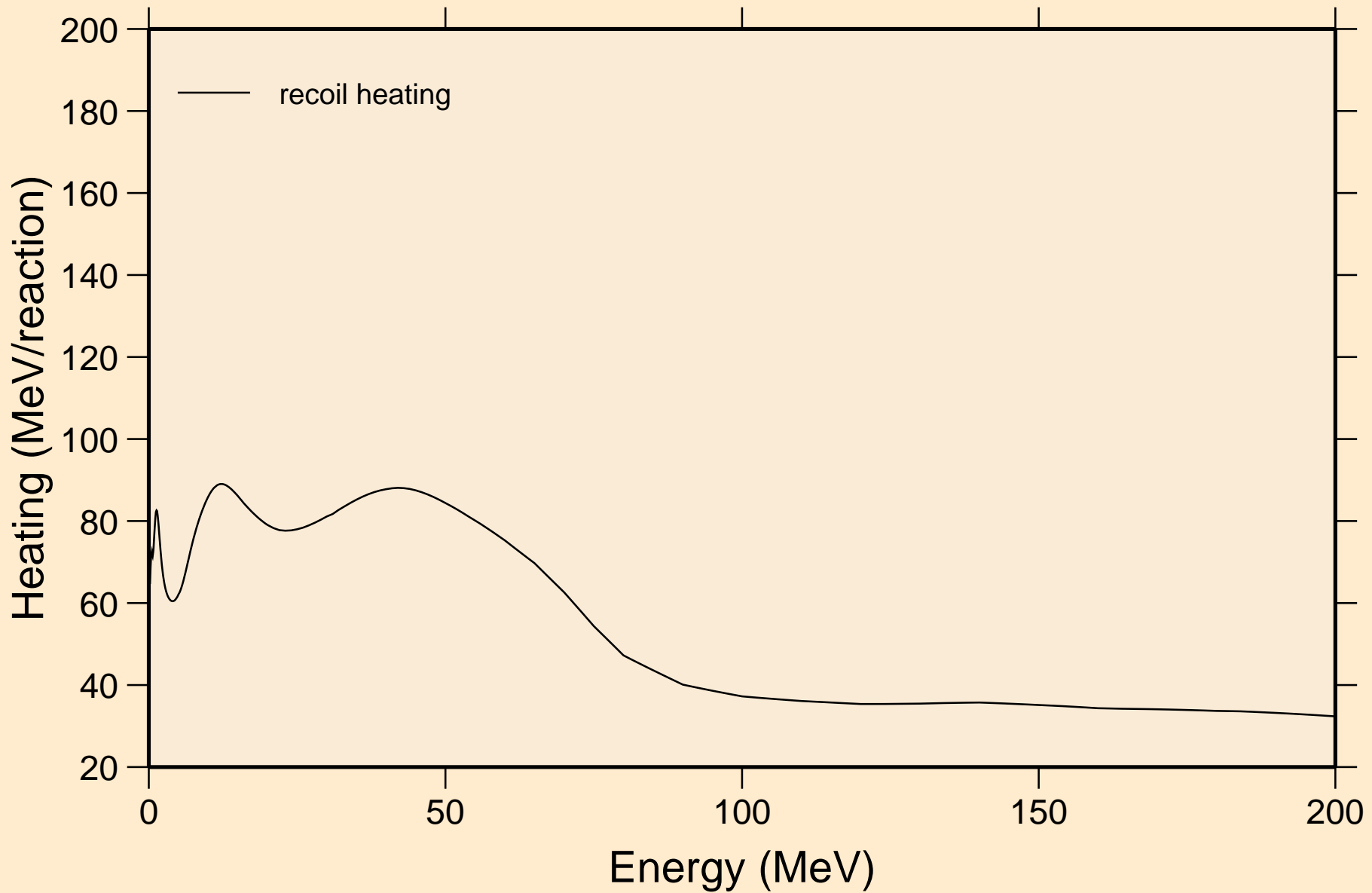


# CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

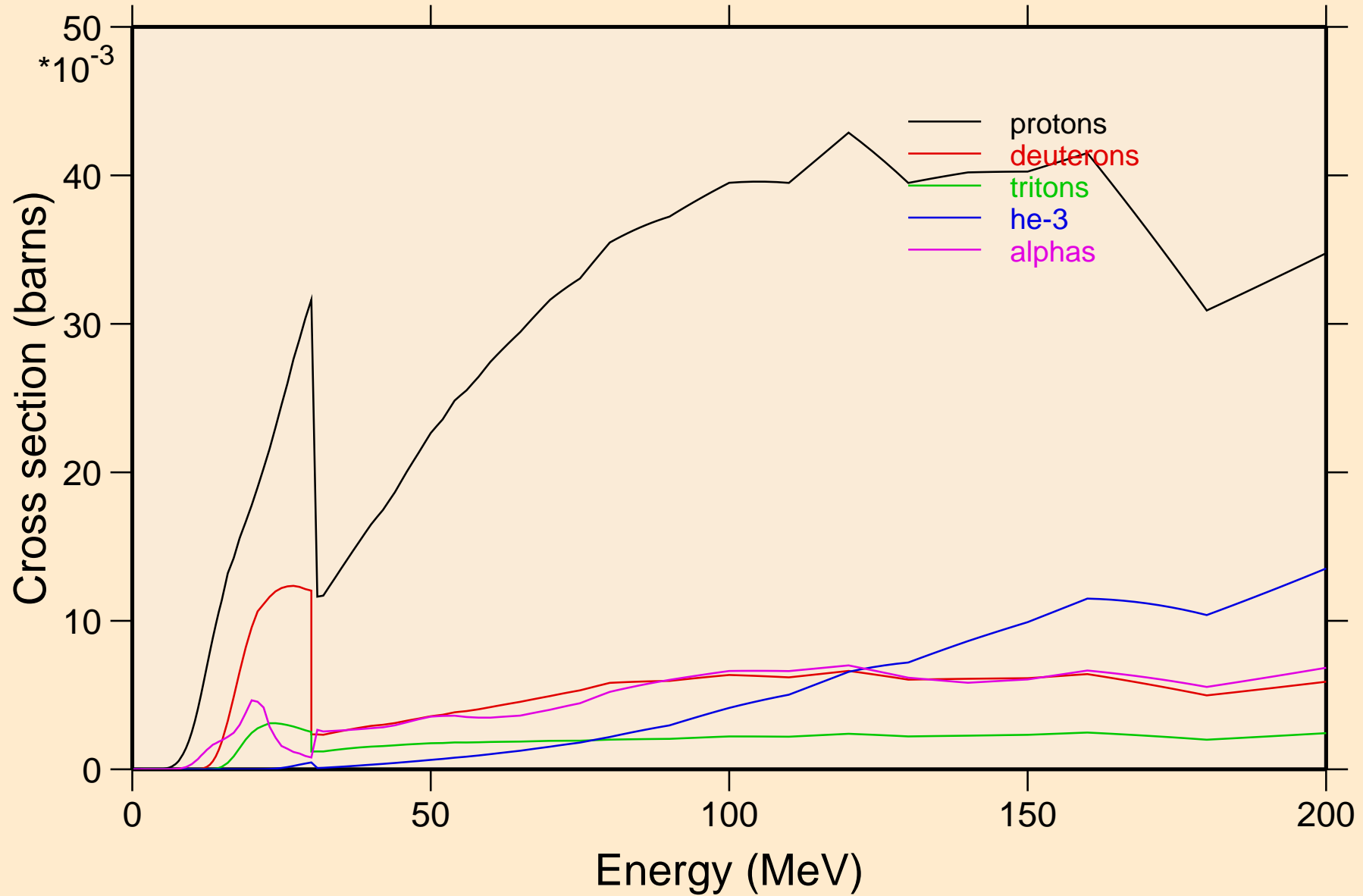
## Particle heating contributions



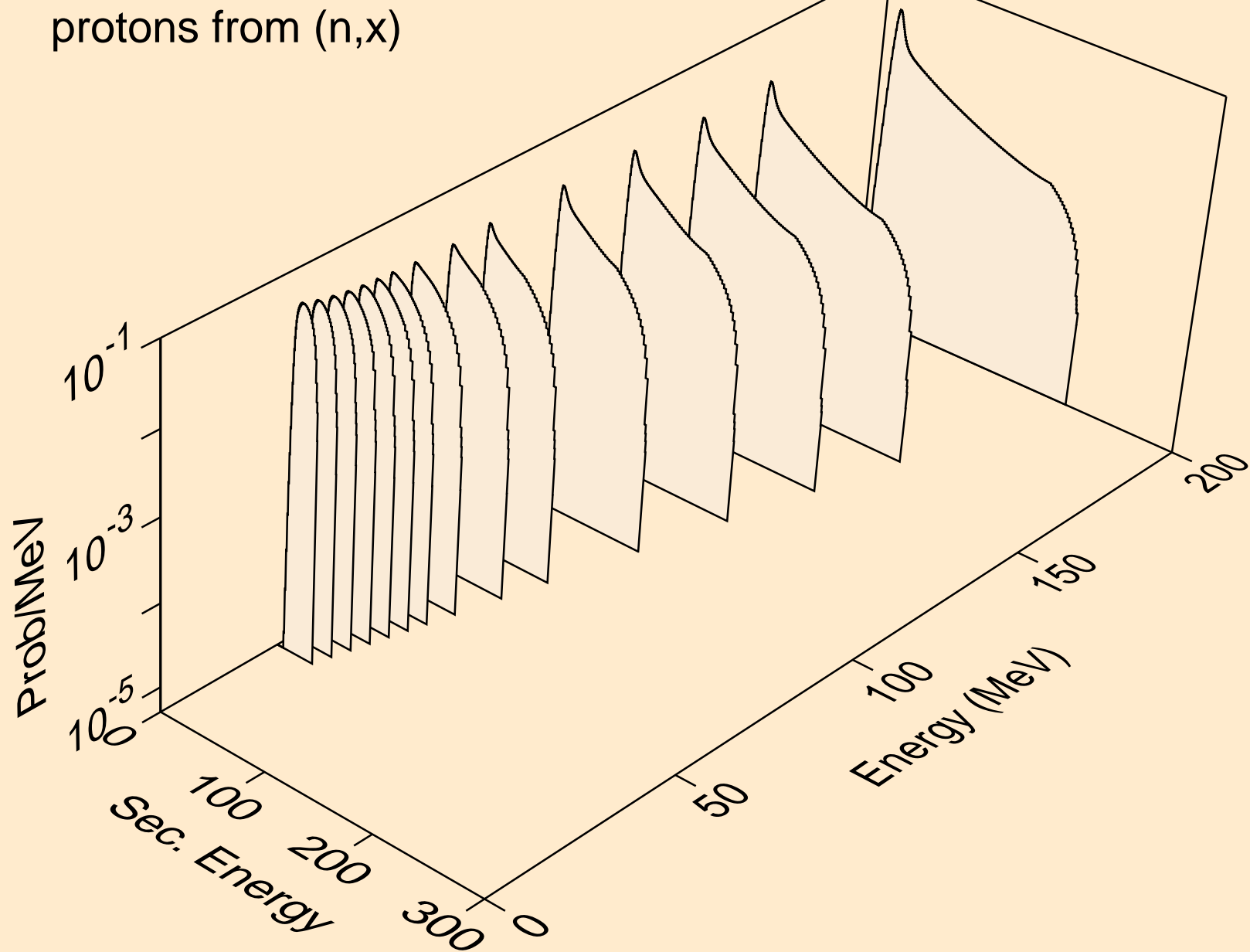
CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections

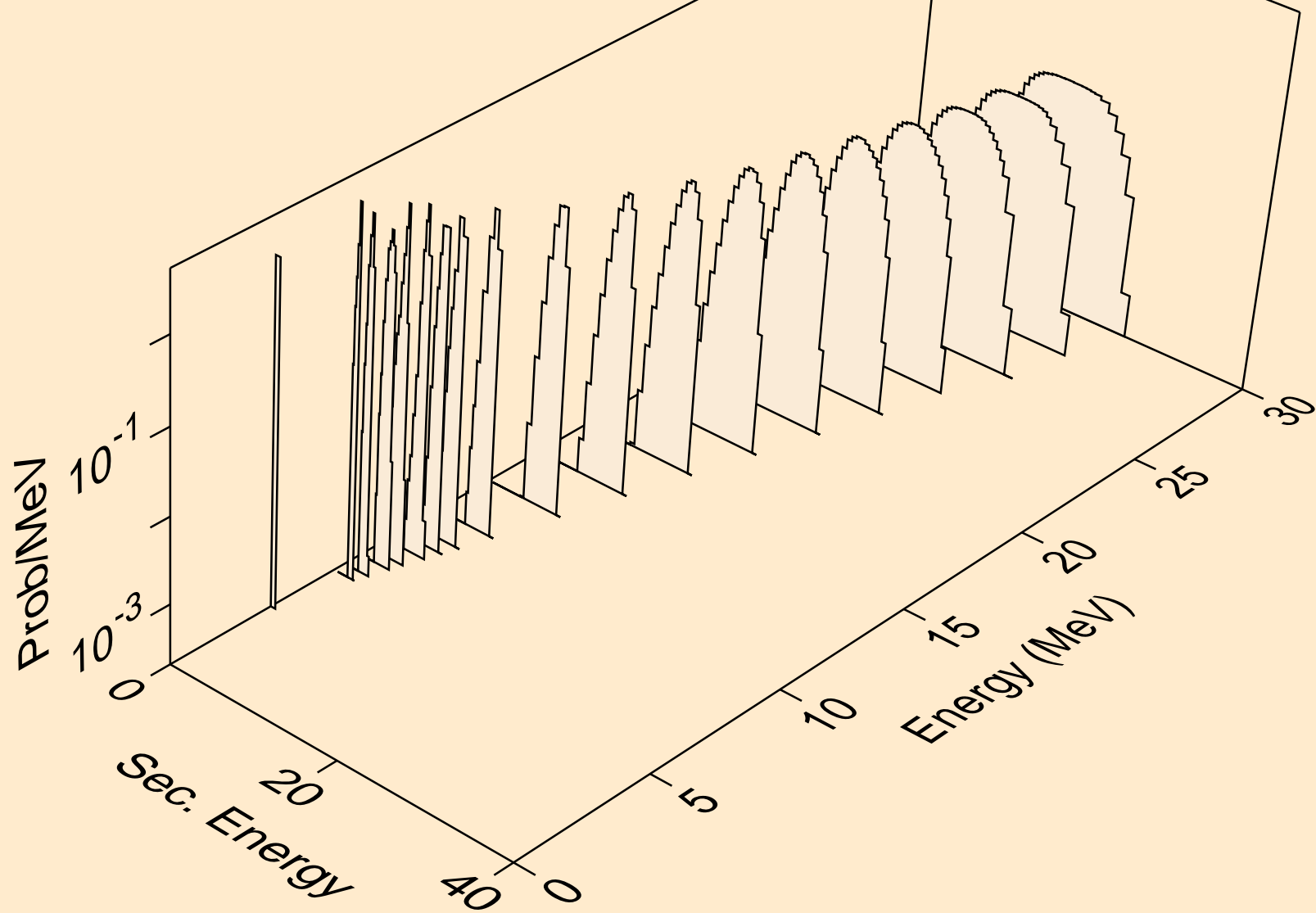


CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)

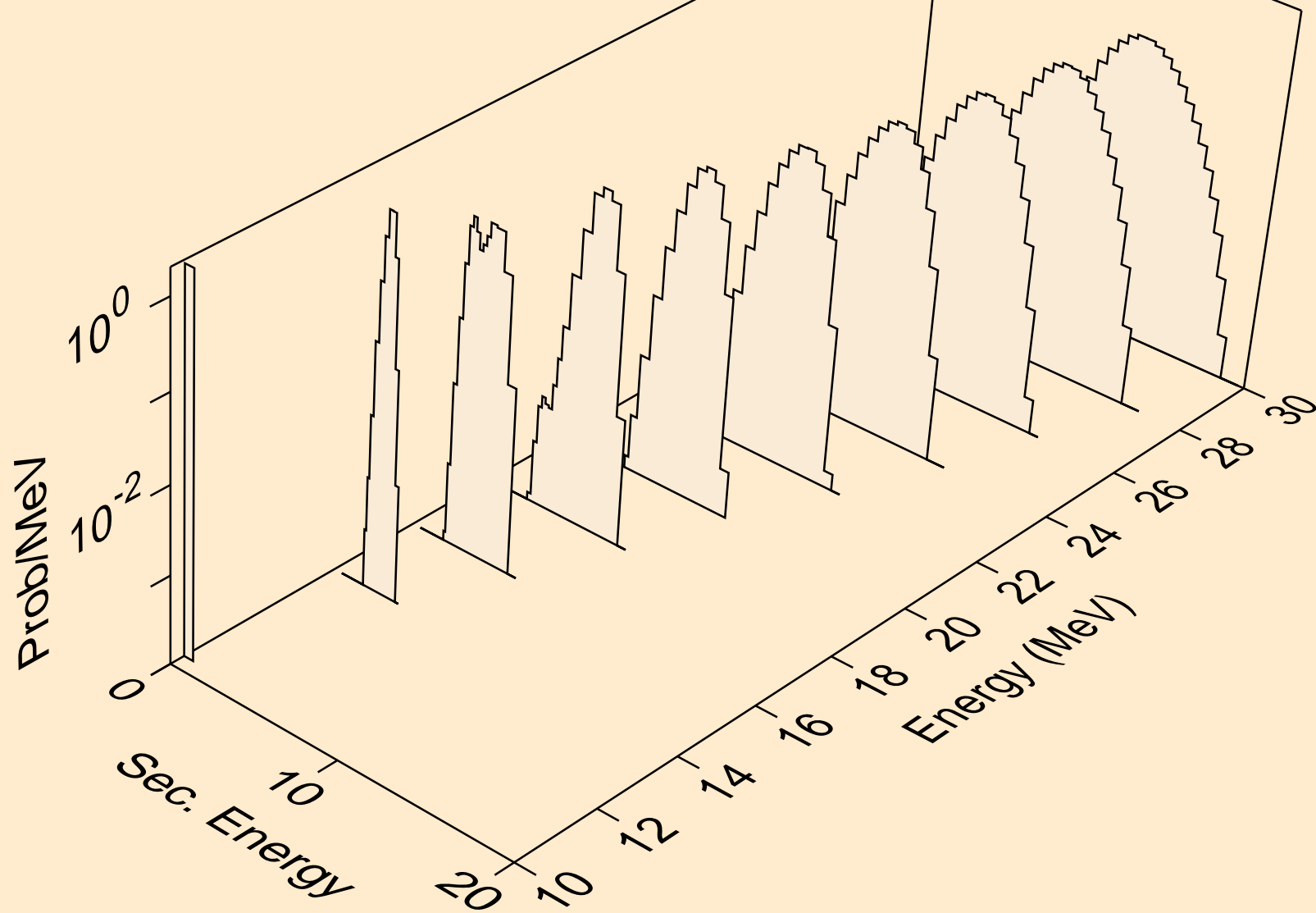




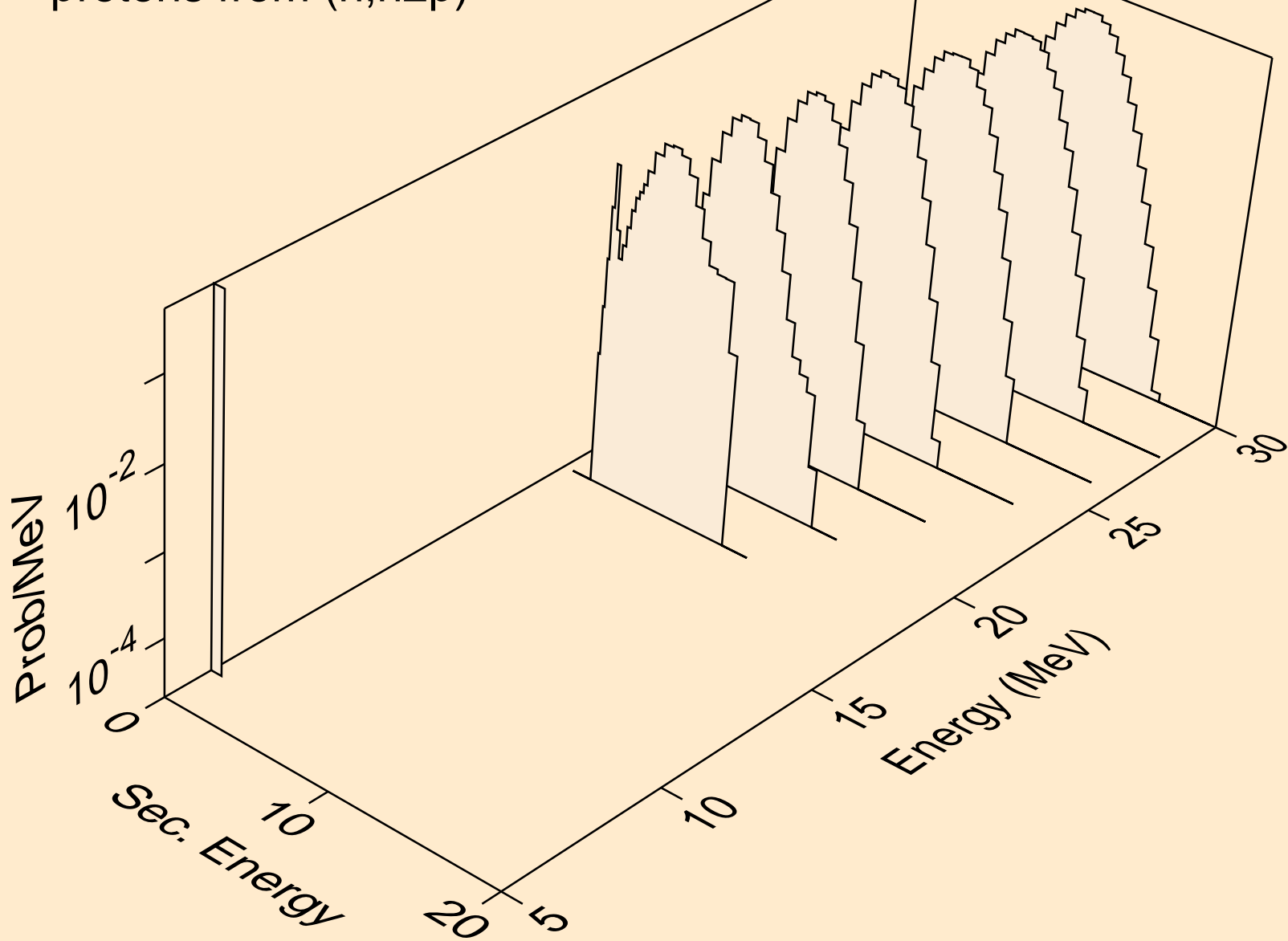
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protons from (n,n\*)p



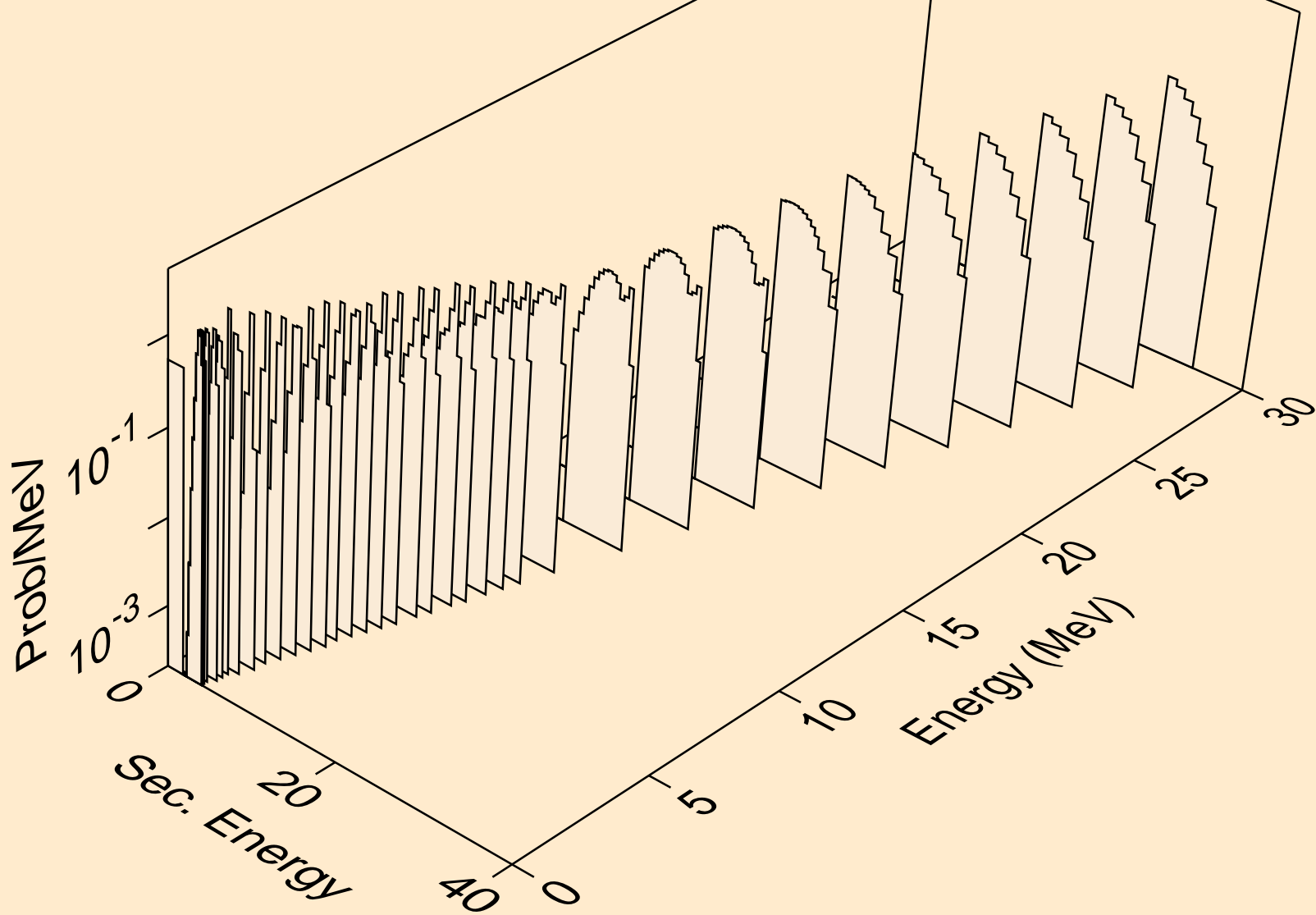
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protons from (n,2np)



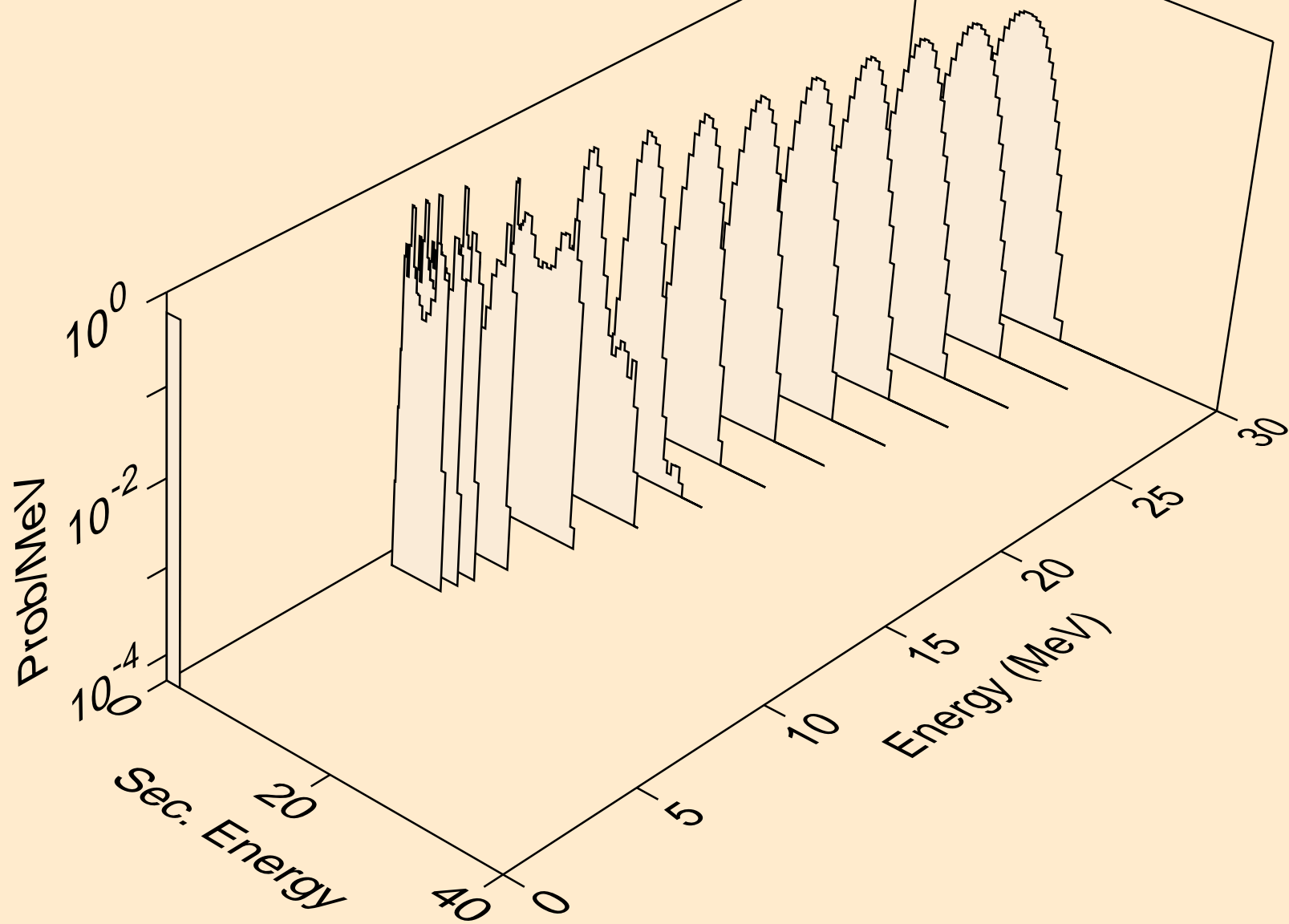
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protons from (n,n2p)



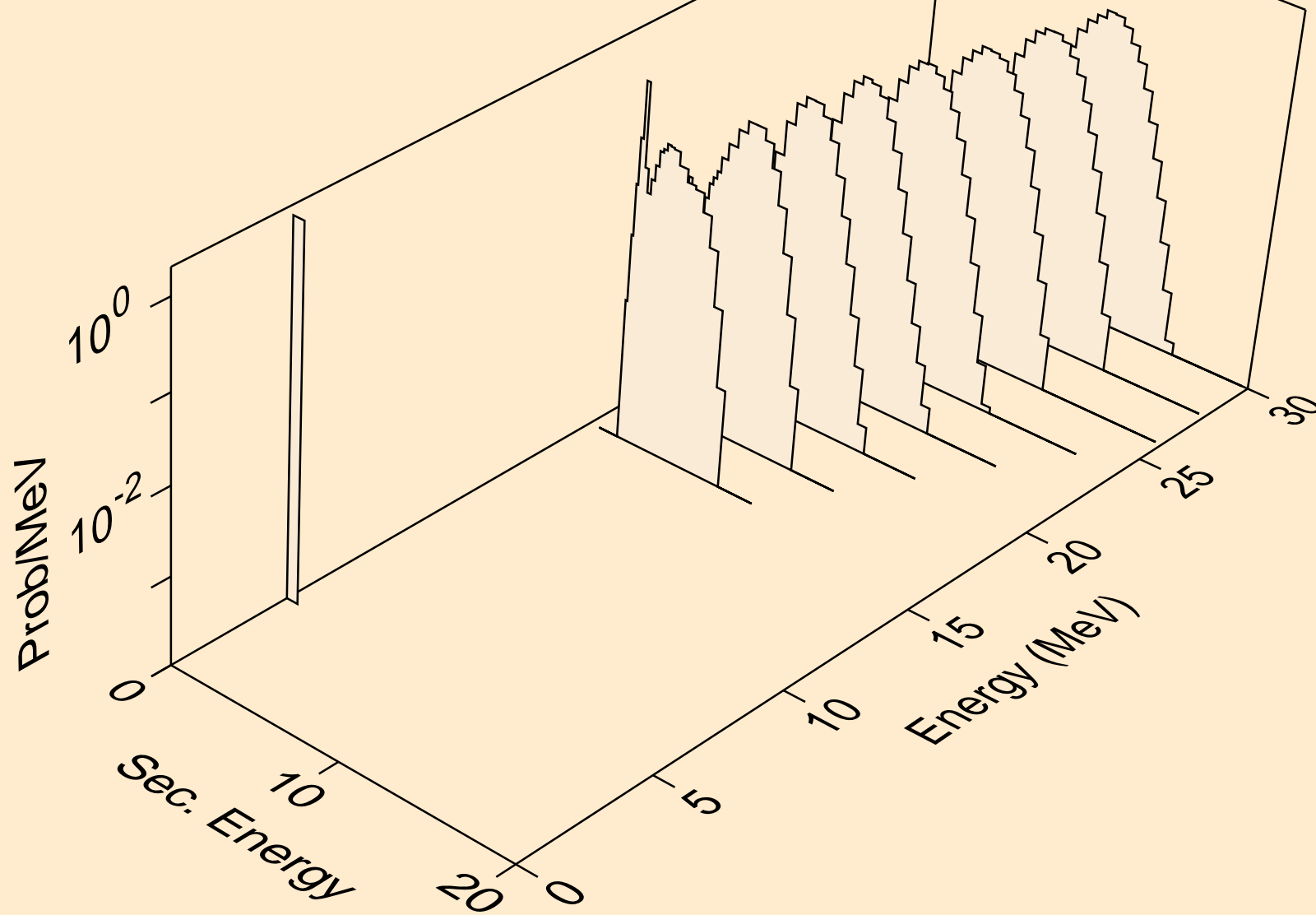
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protons from (n,p)



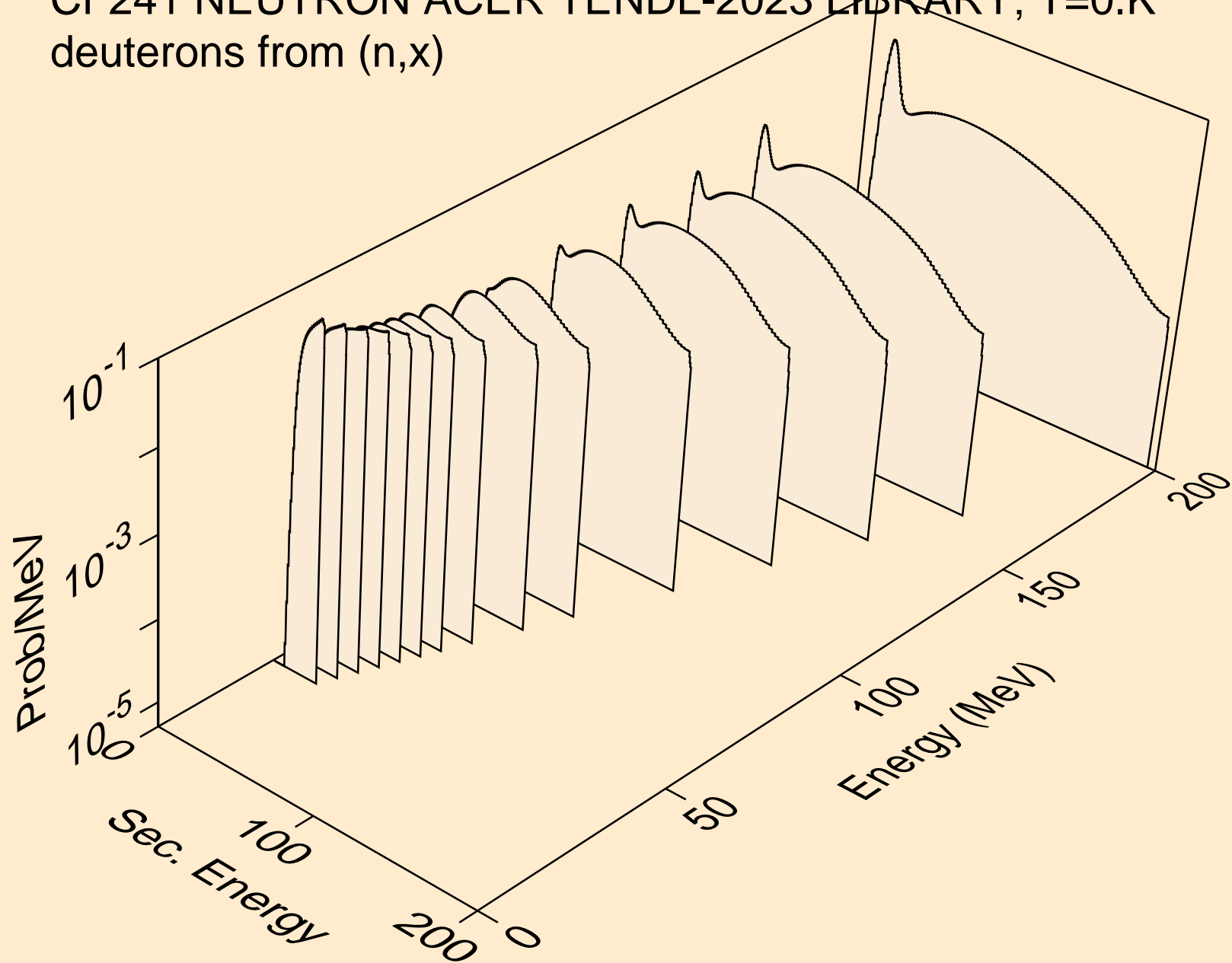
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protons from (n,2p)



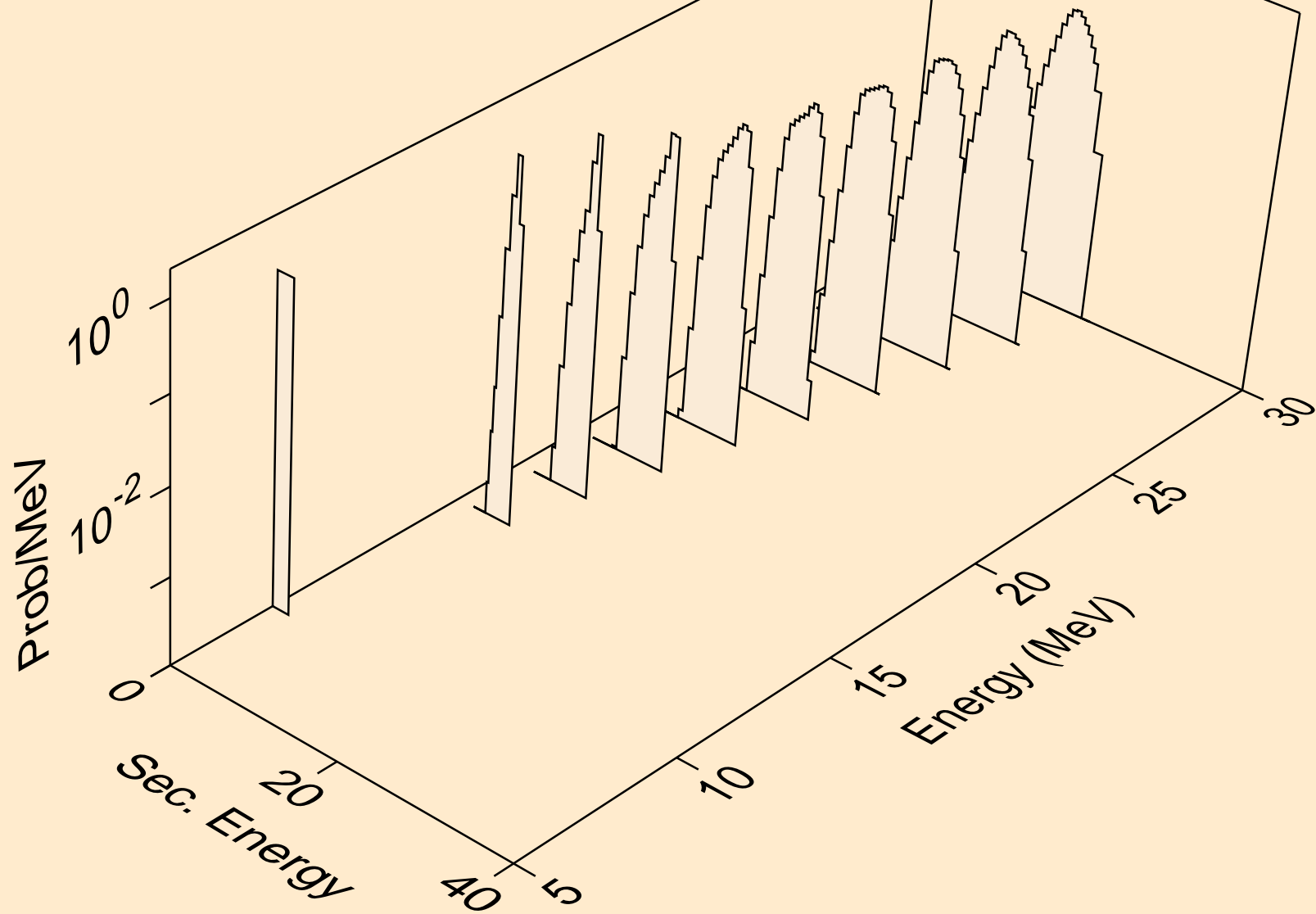
CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,pd)



CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,x)

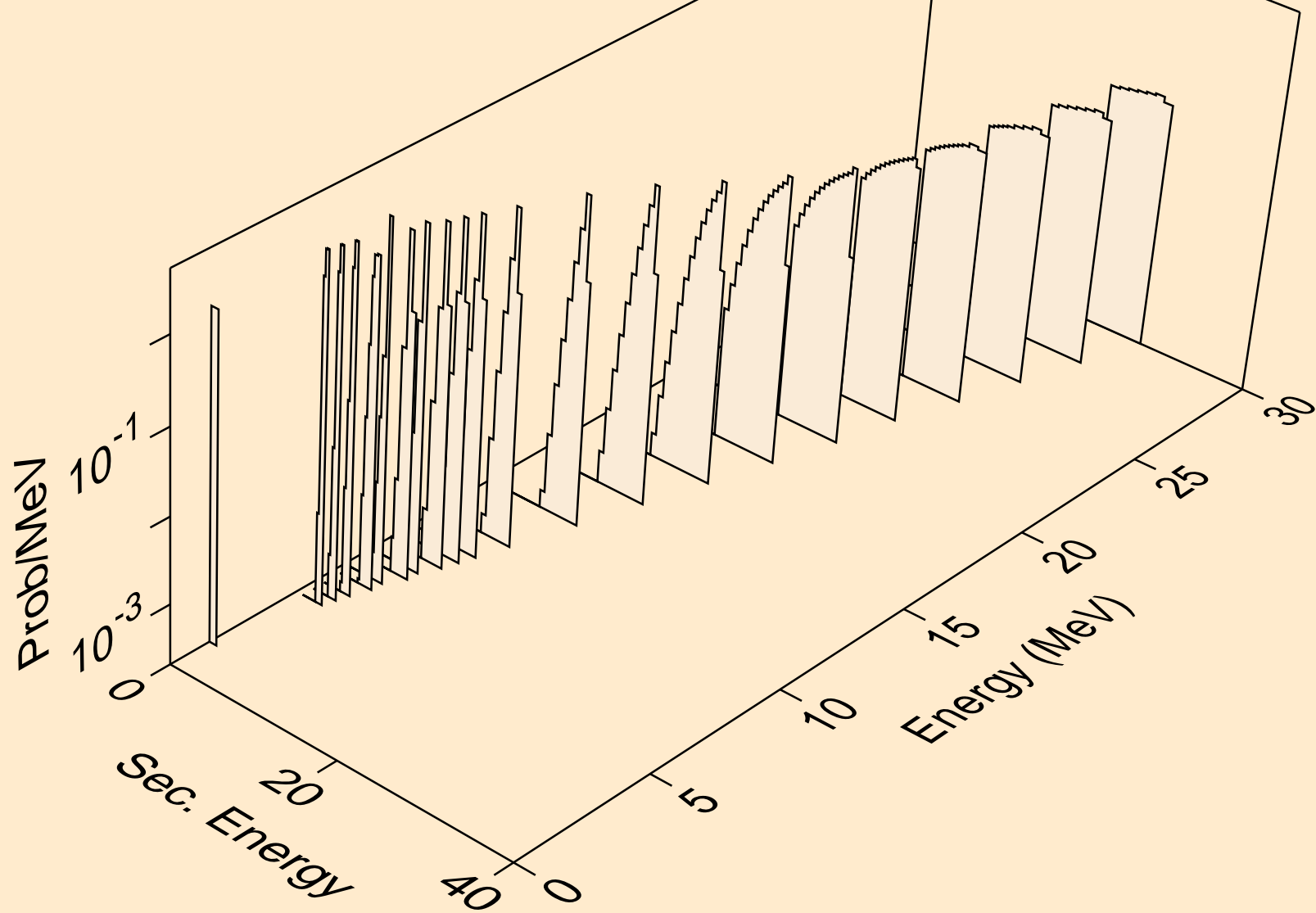


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deuterons from (n,n\*)d

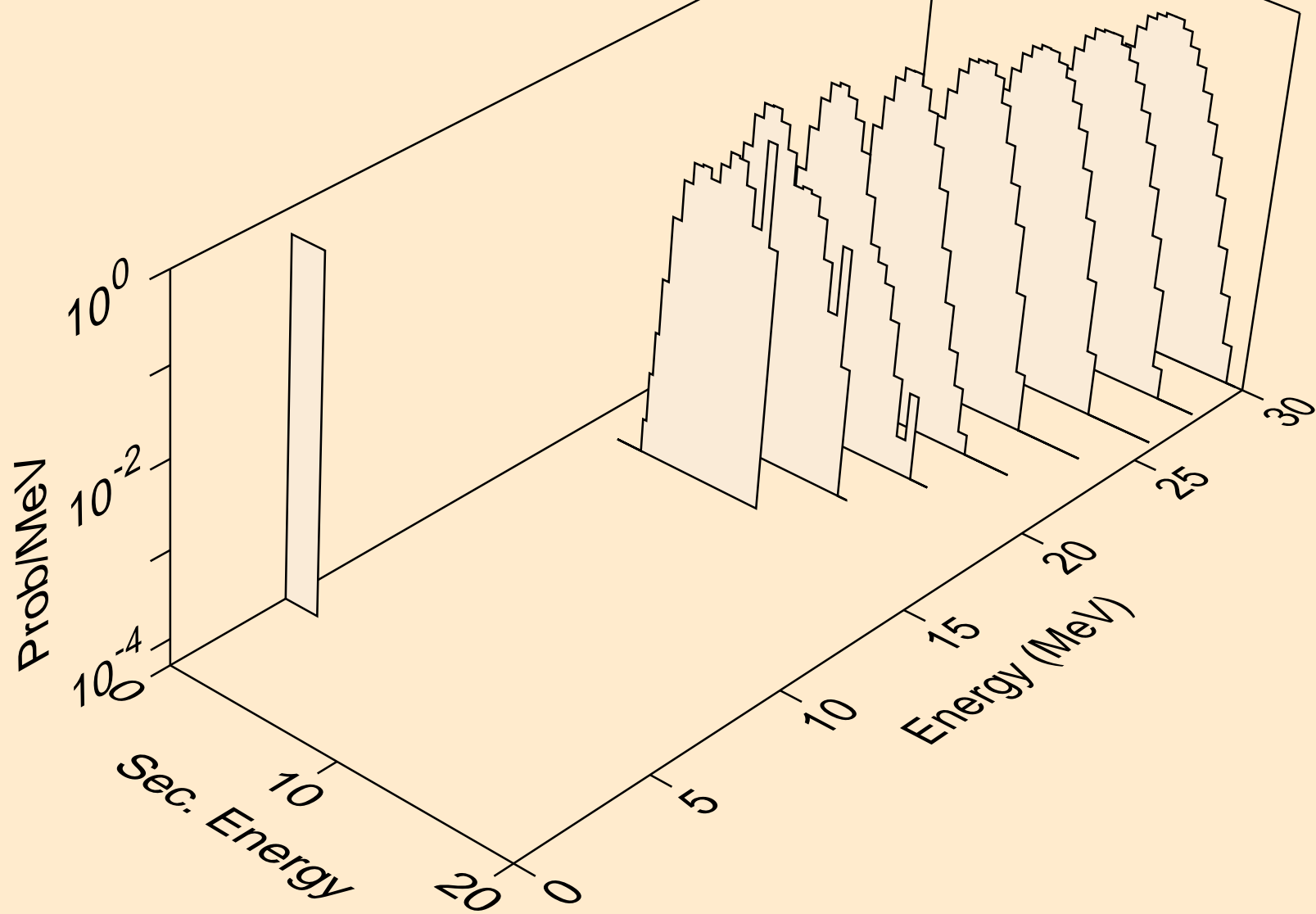




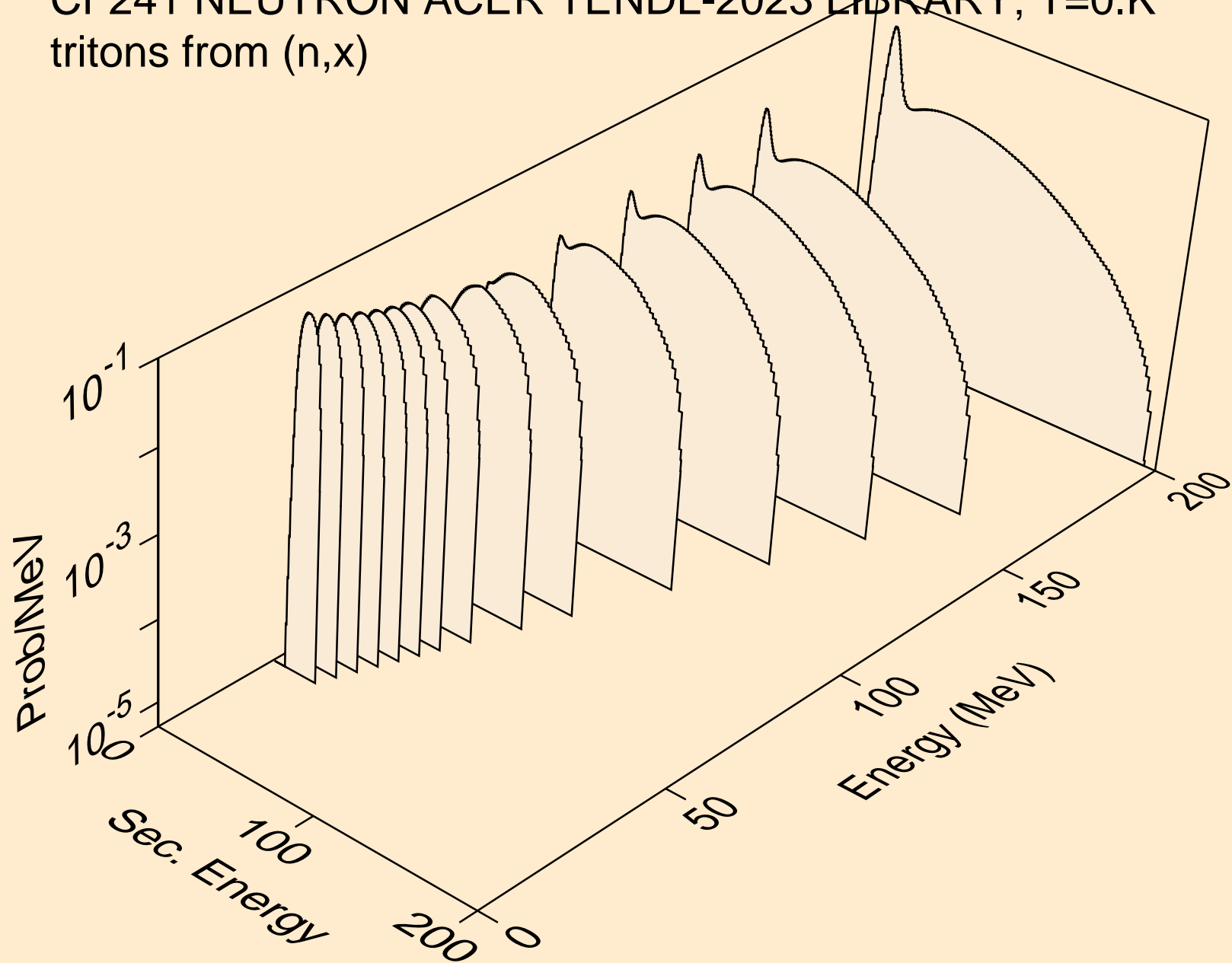
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deuterons from (n,d)



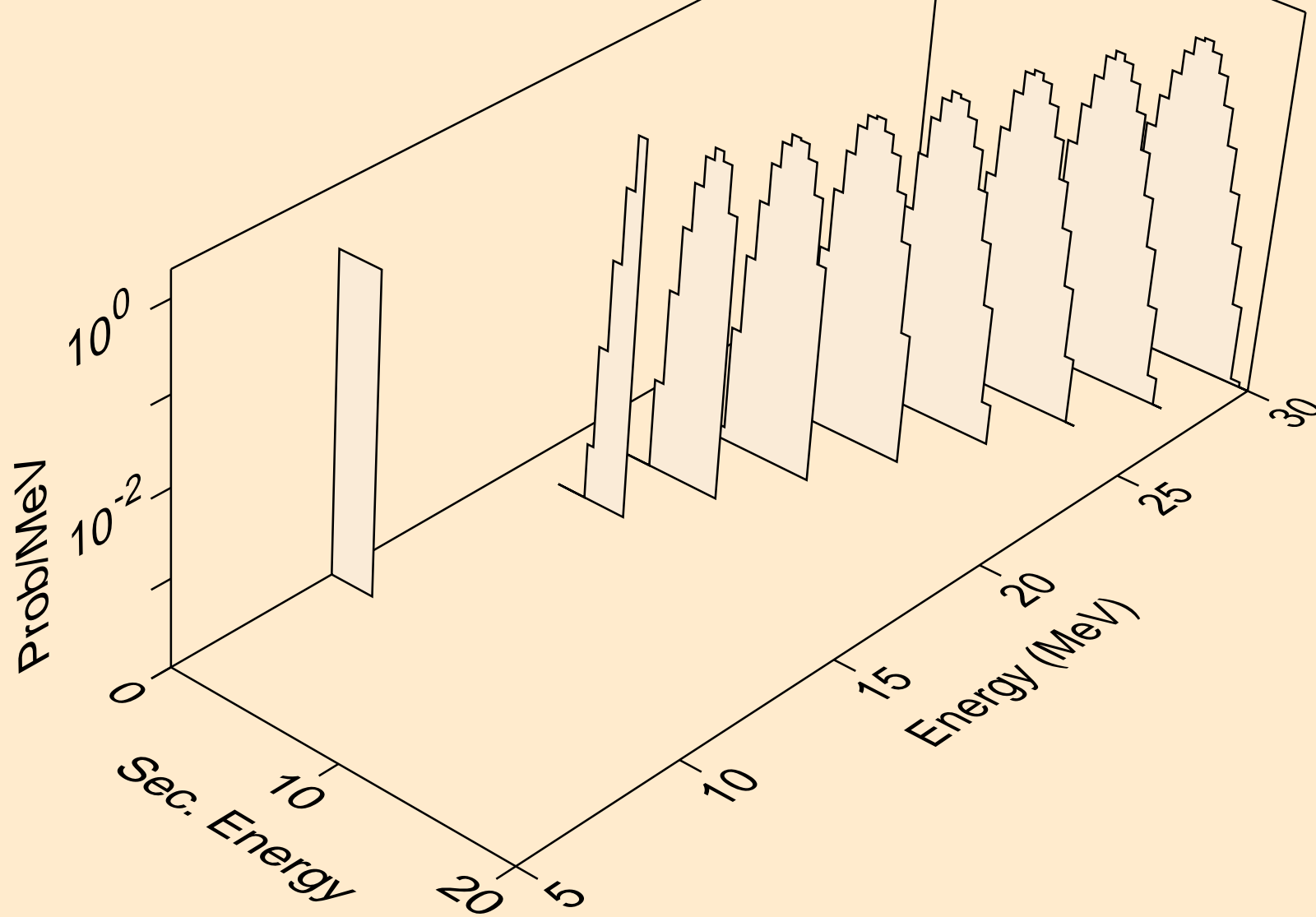
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deuterons from (n,pd)



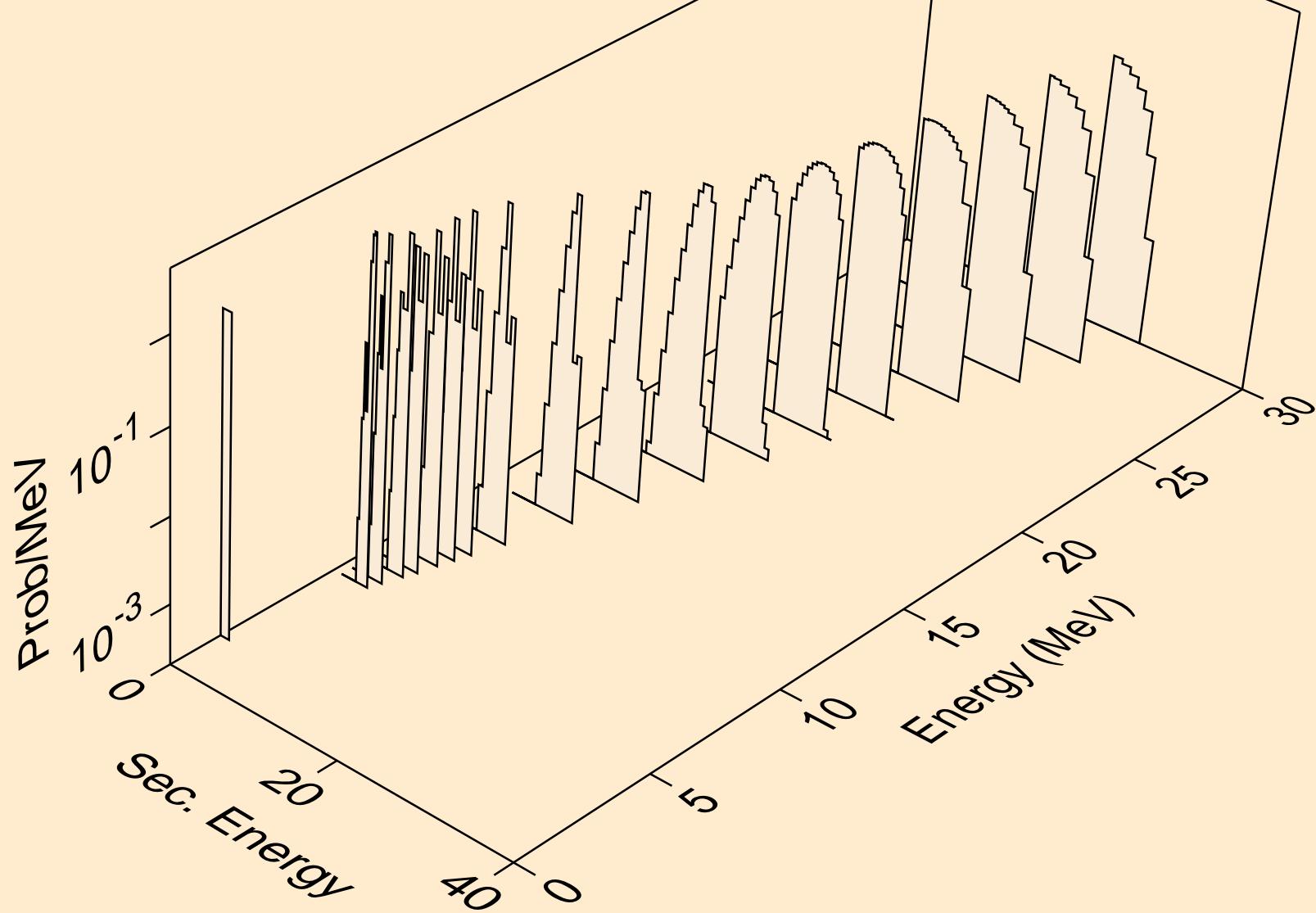
CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,x)



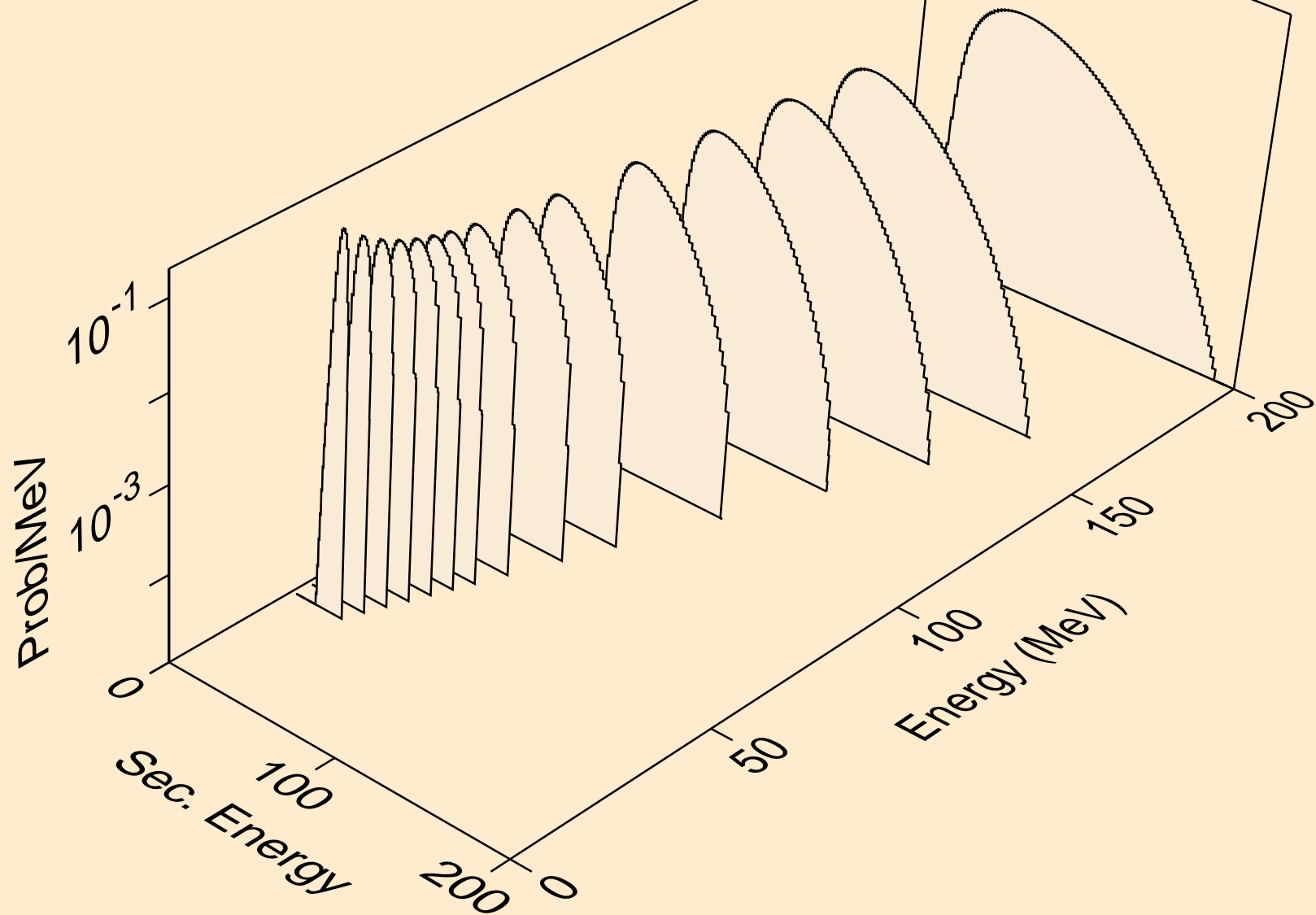
CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t



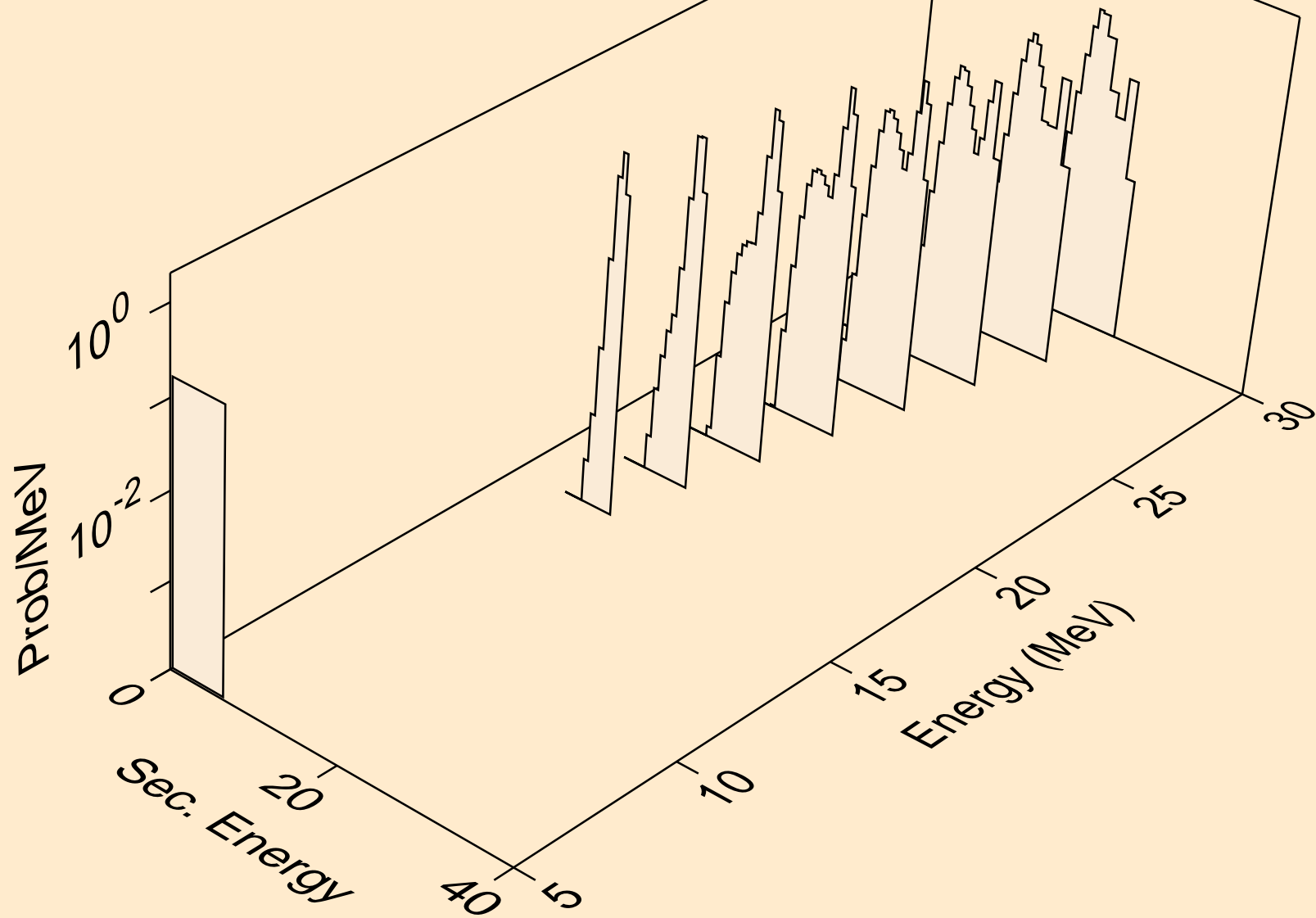
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tritons from (n,t)



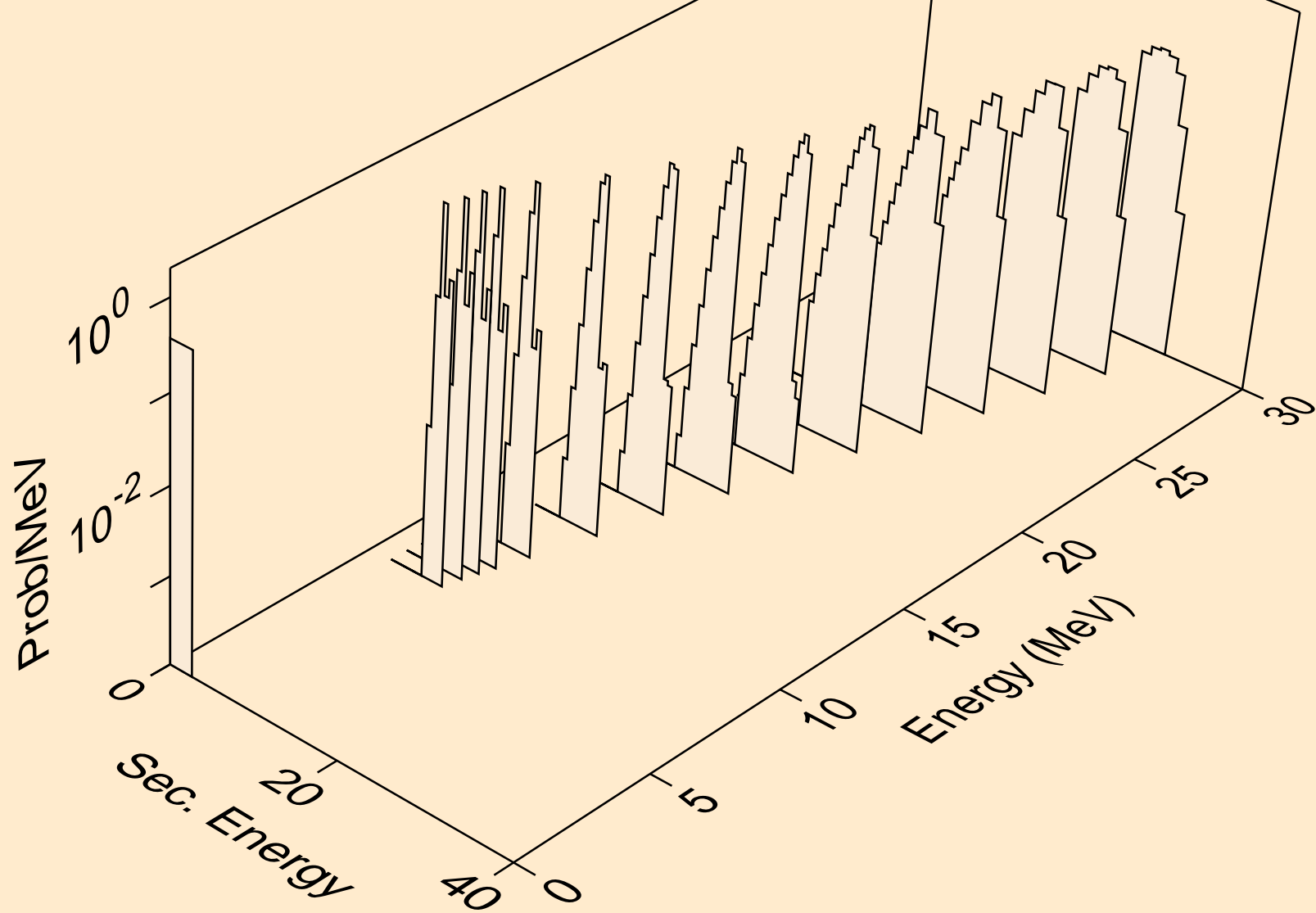
CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,x)



CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,n\*)he3

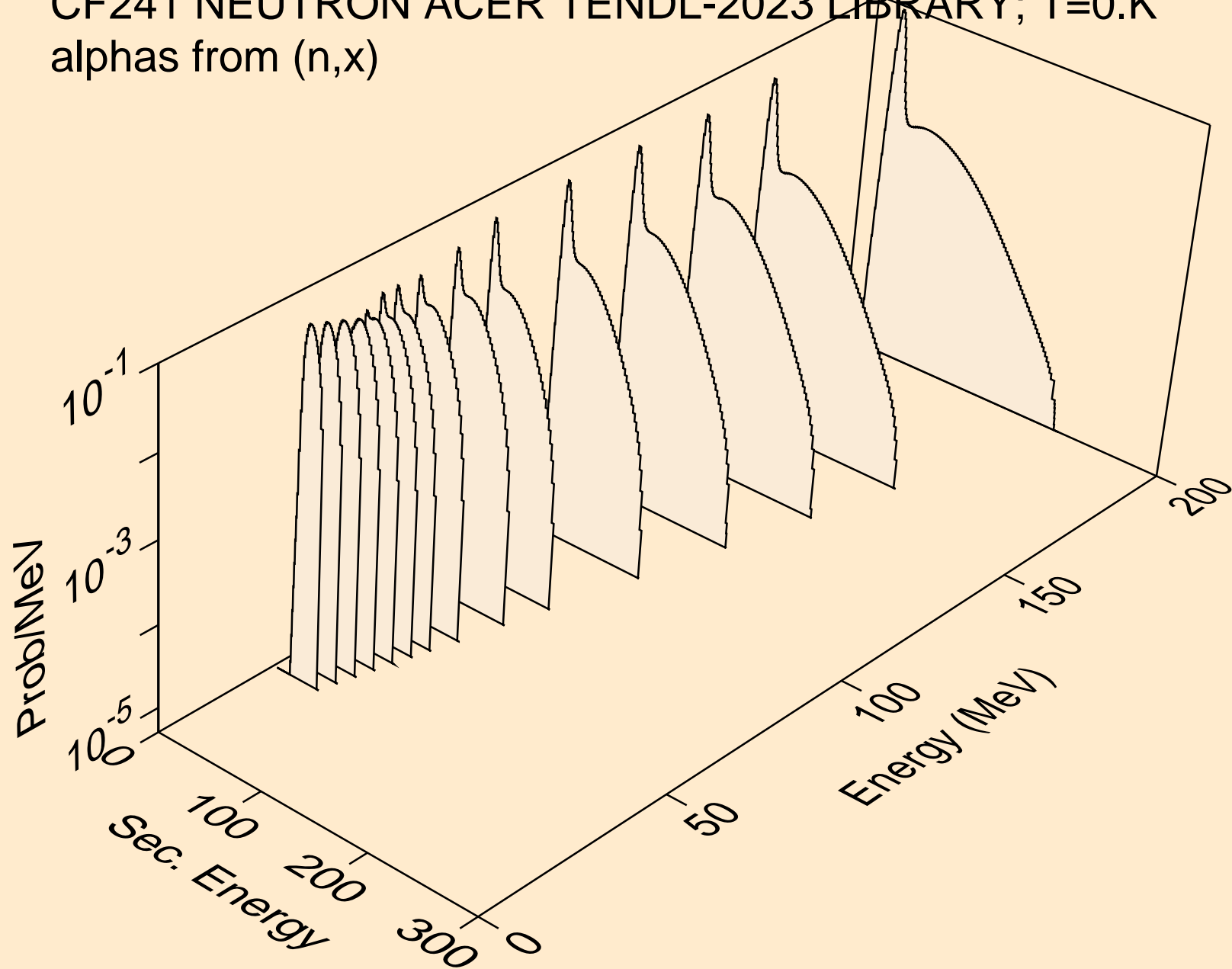


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he3s from (n,he3)

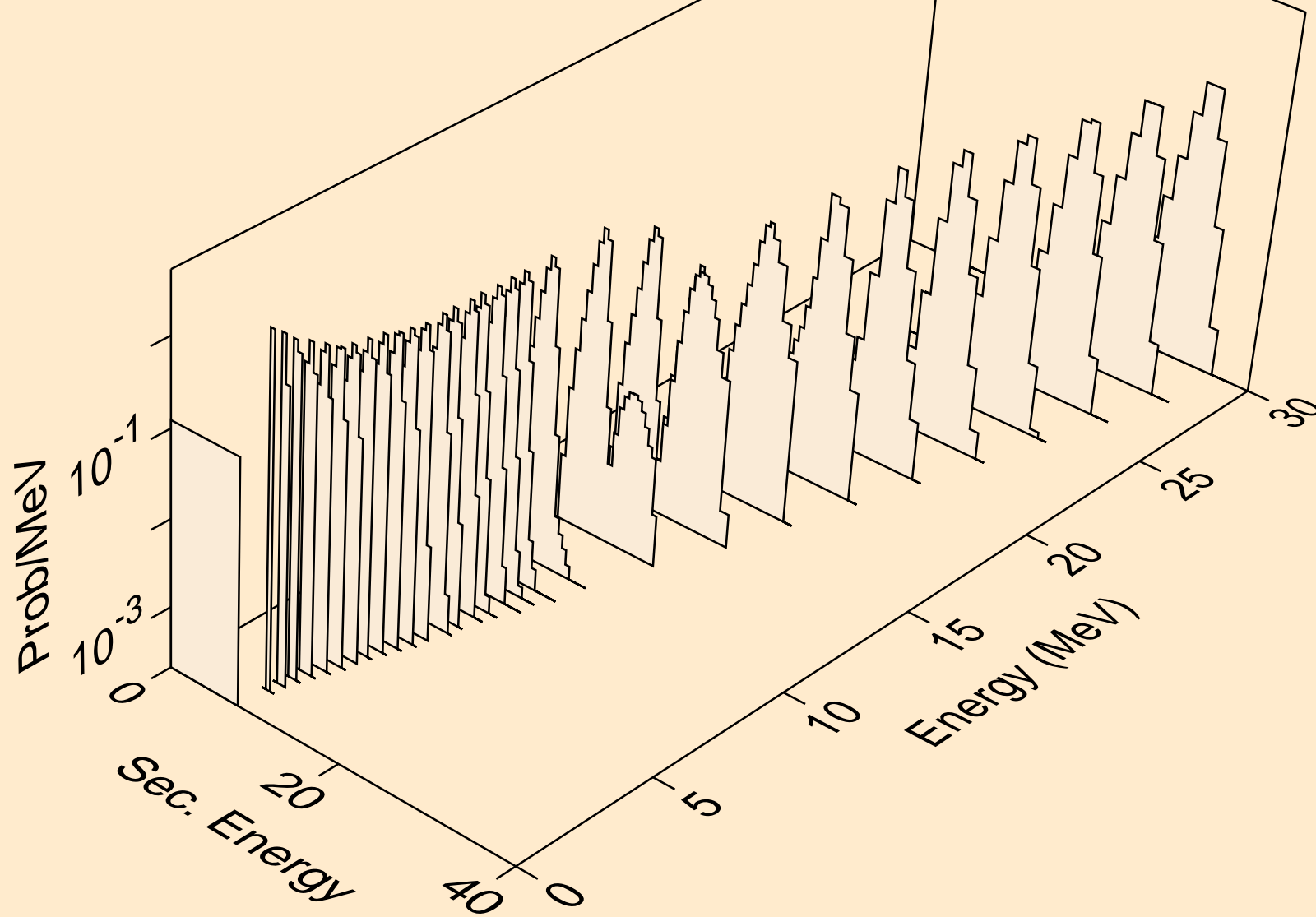




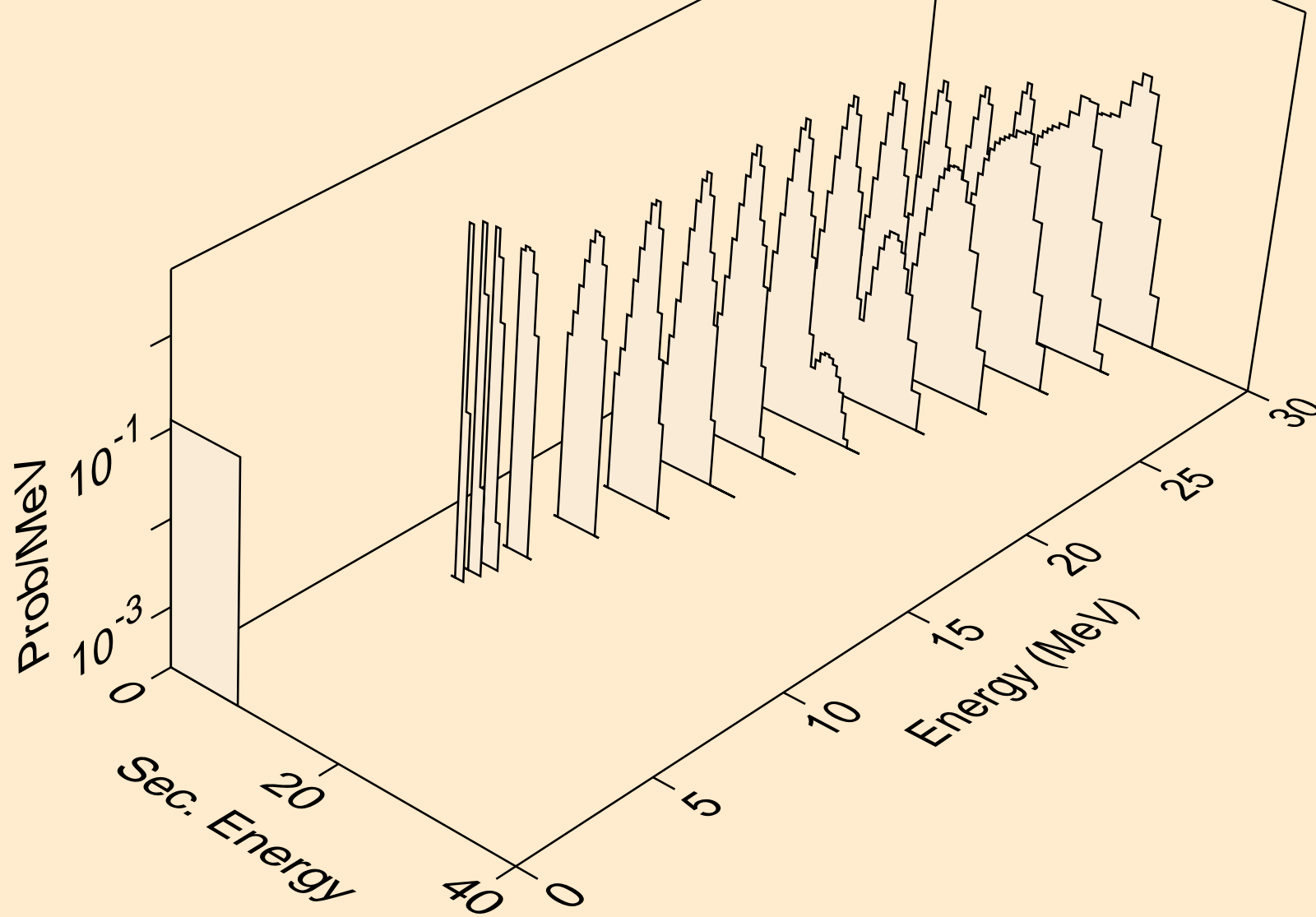
CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



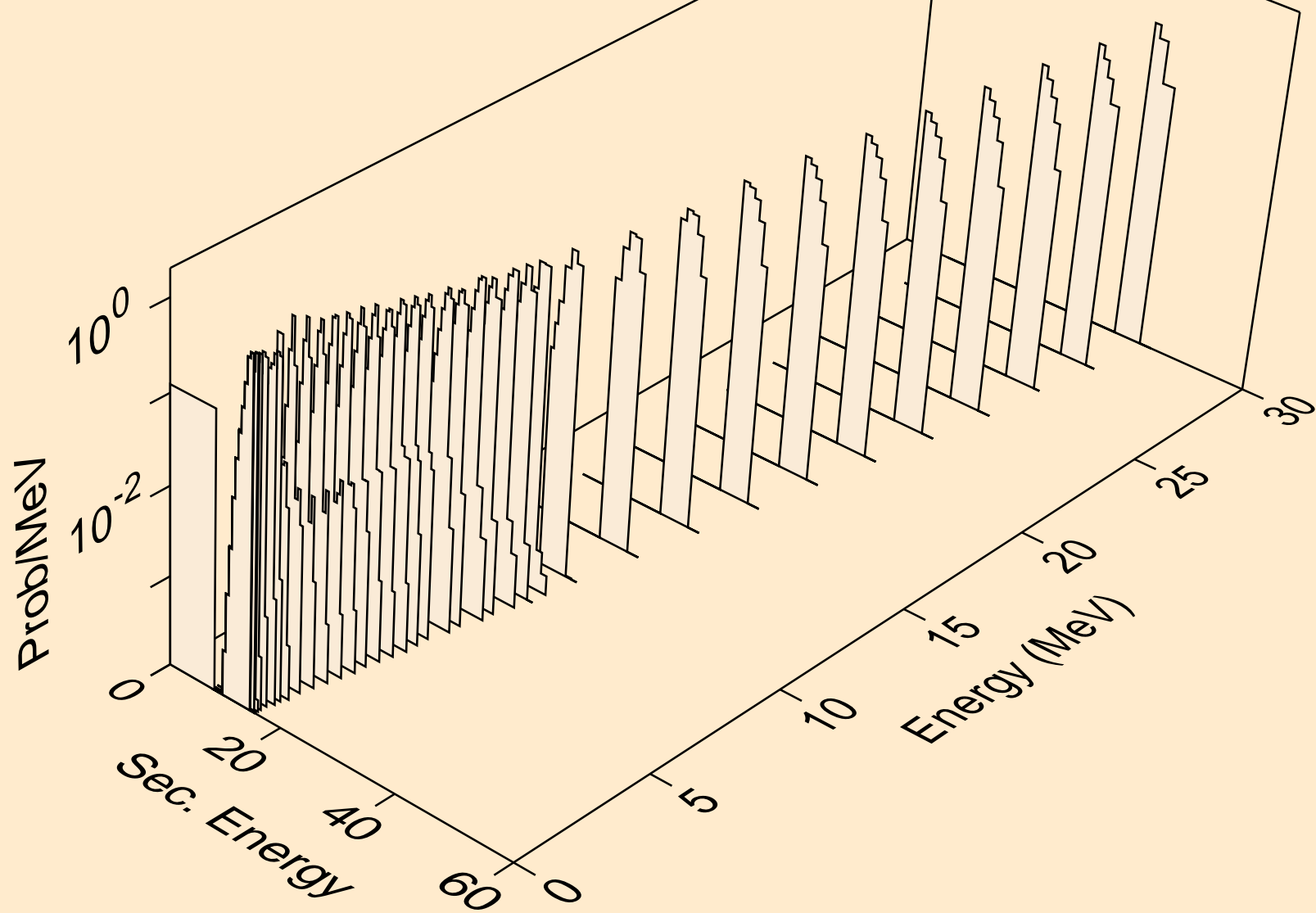
CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a



CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a



CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)



CF241 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2a)

