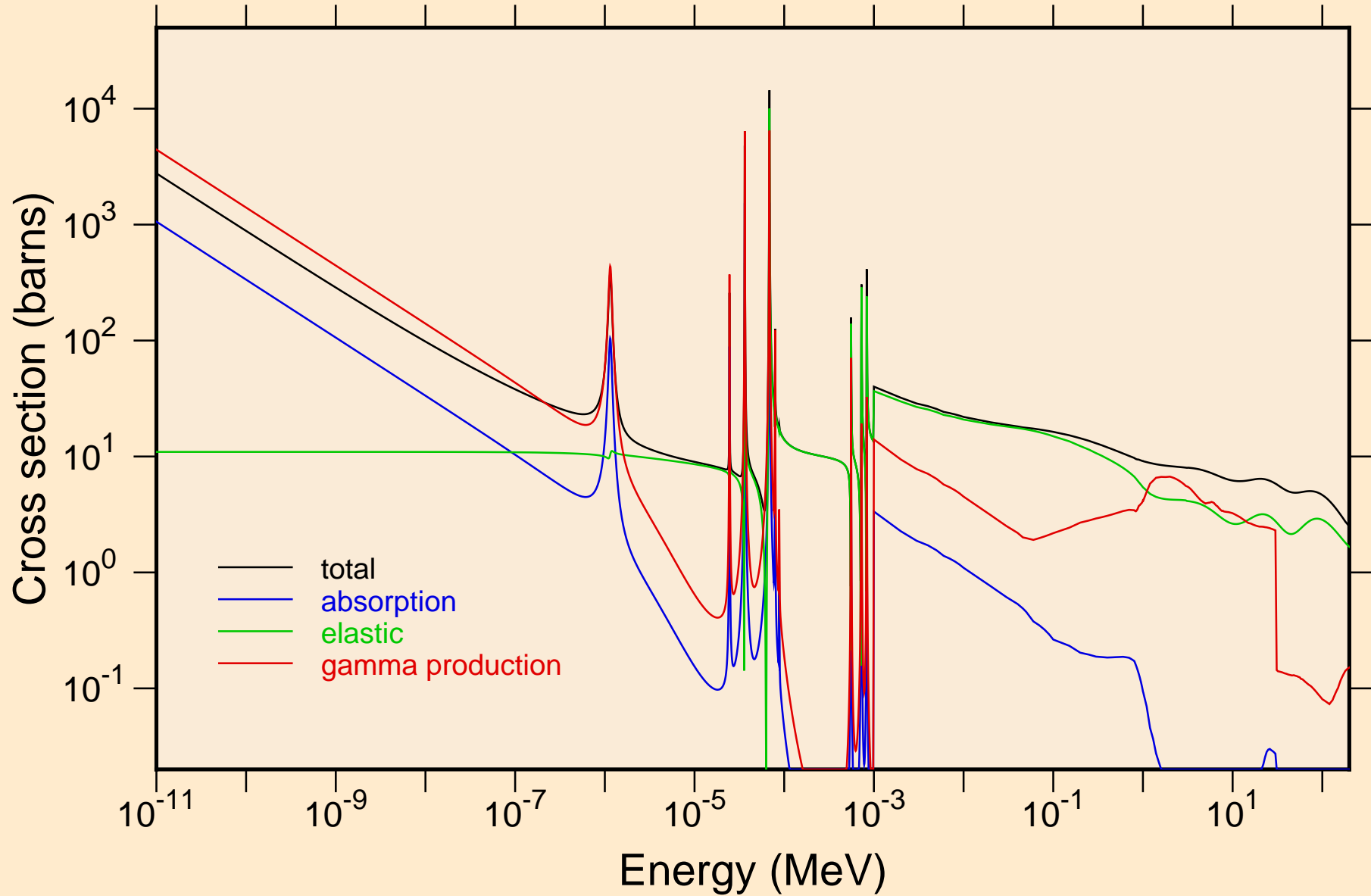
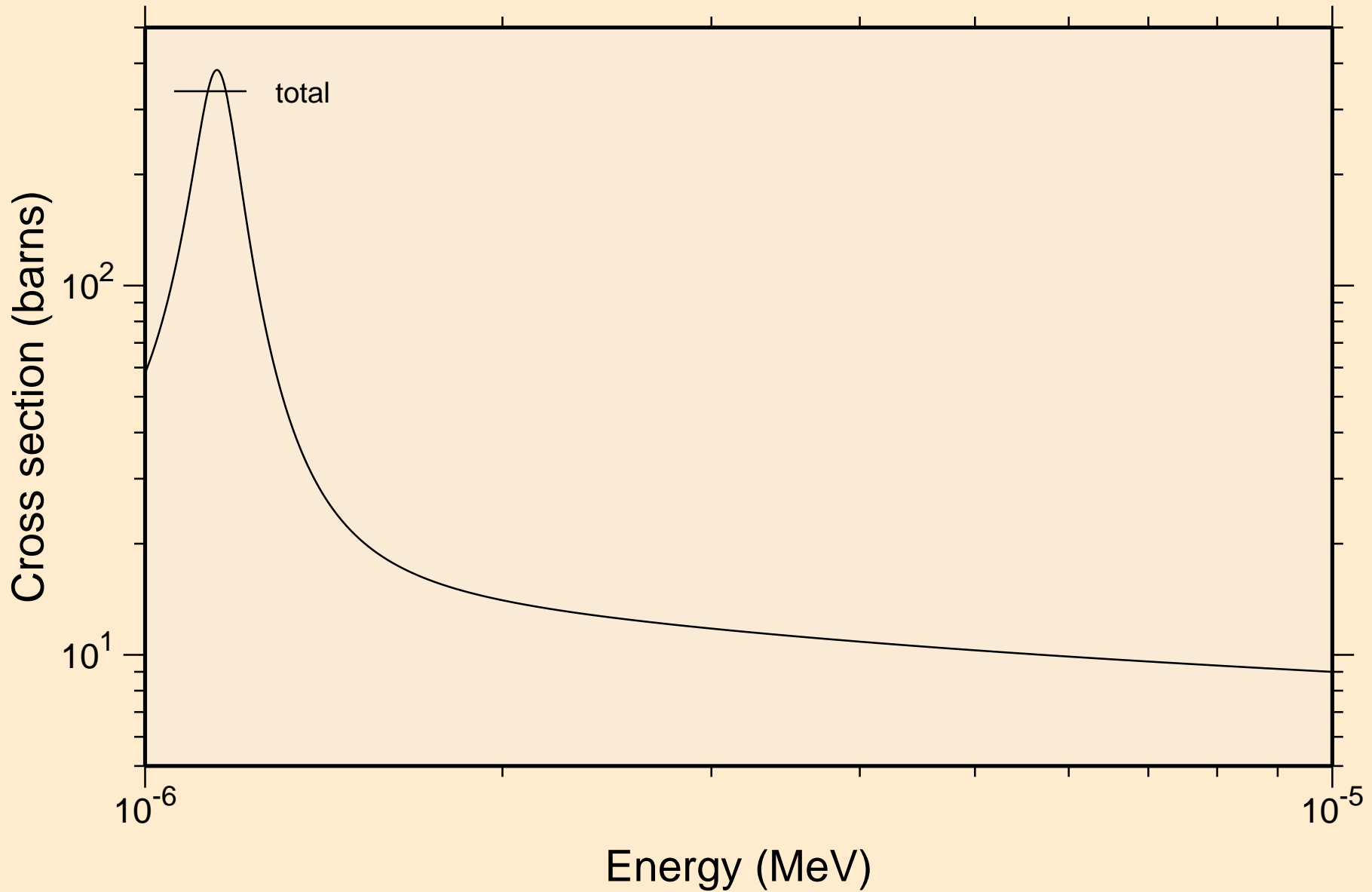


# CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

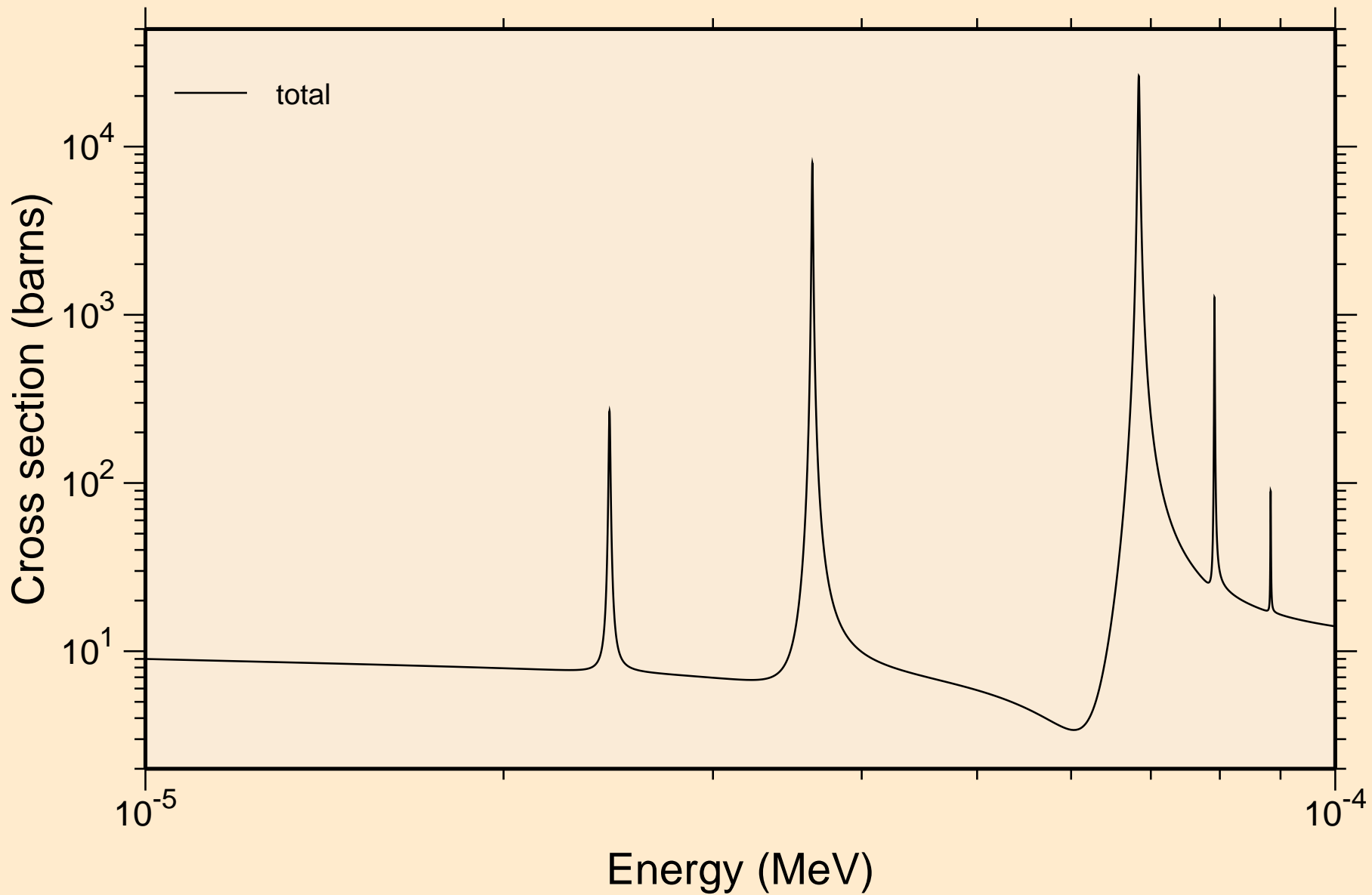
## Principal cross sections



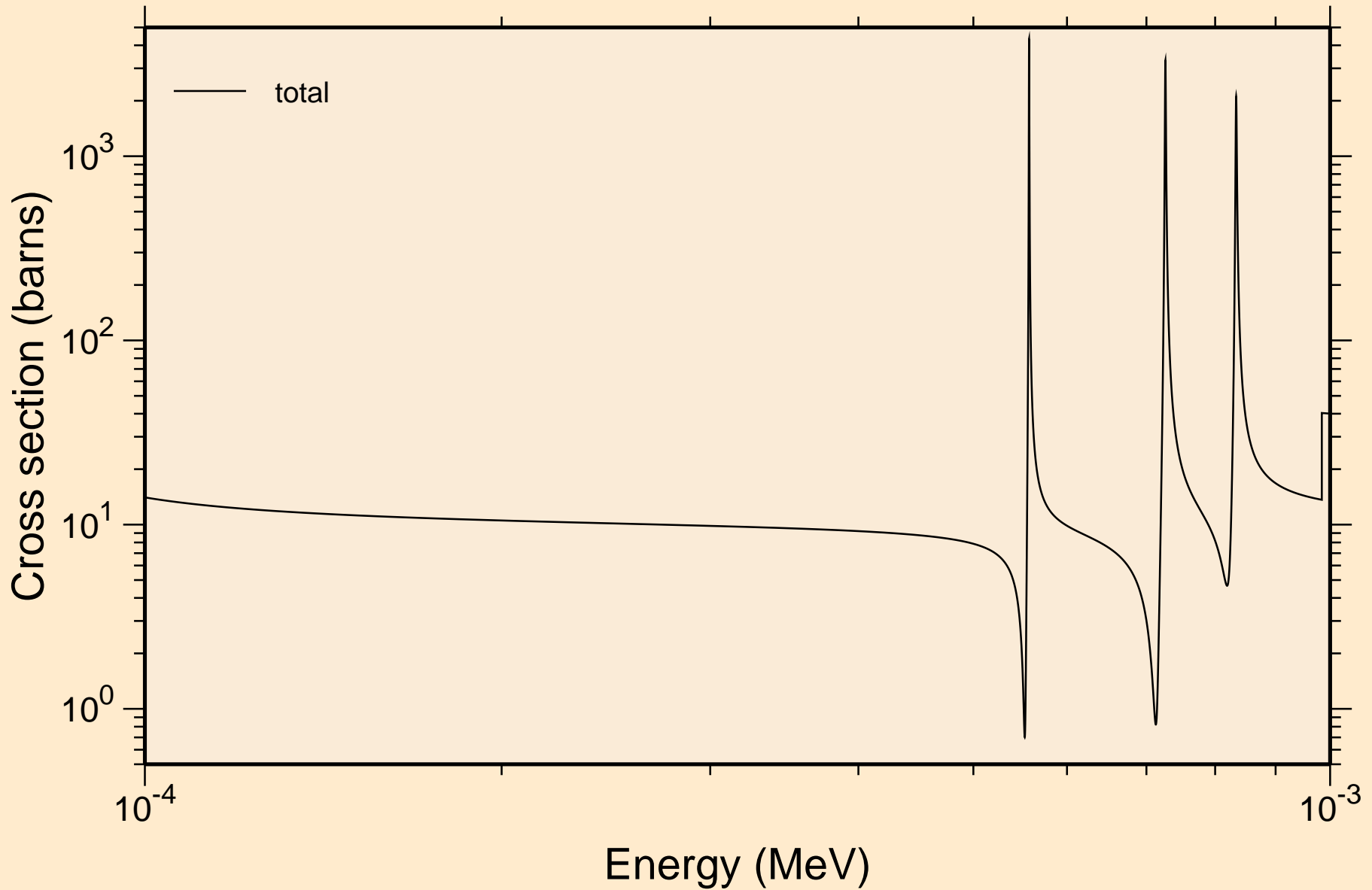
CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



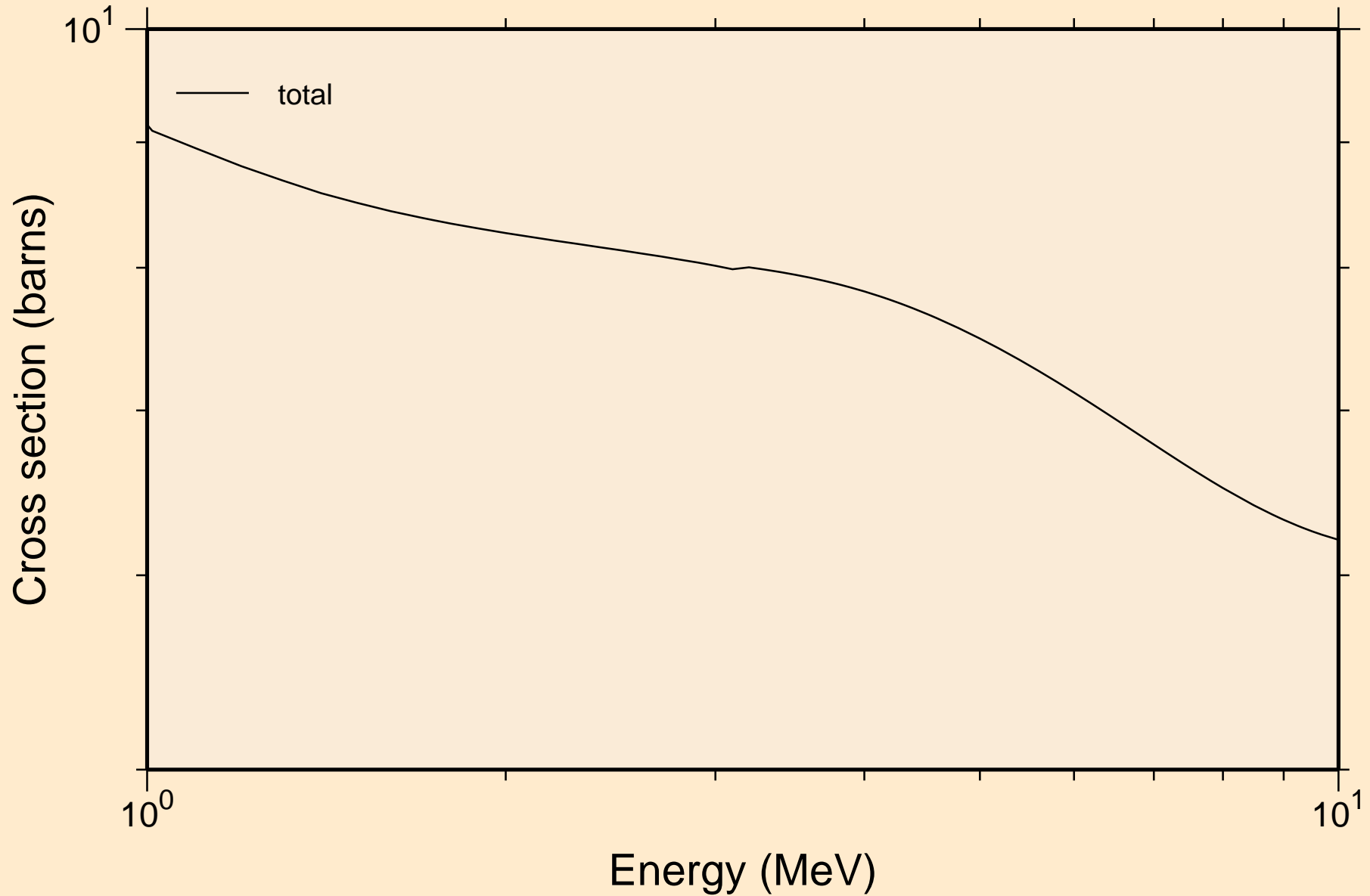
CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



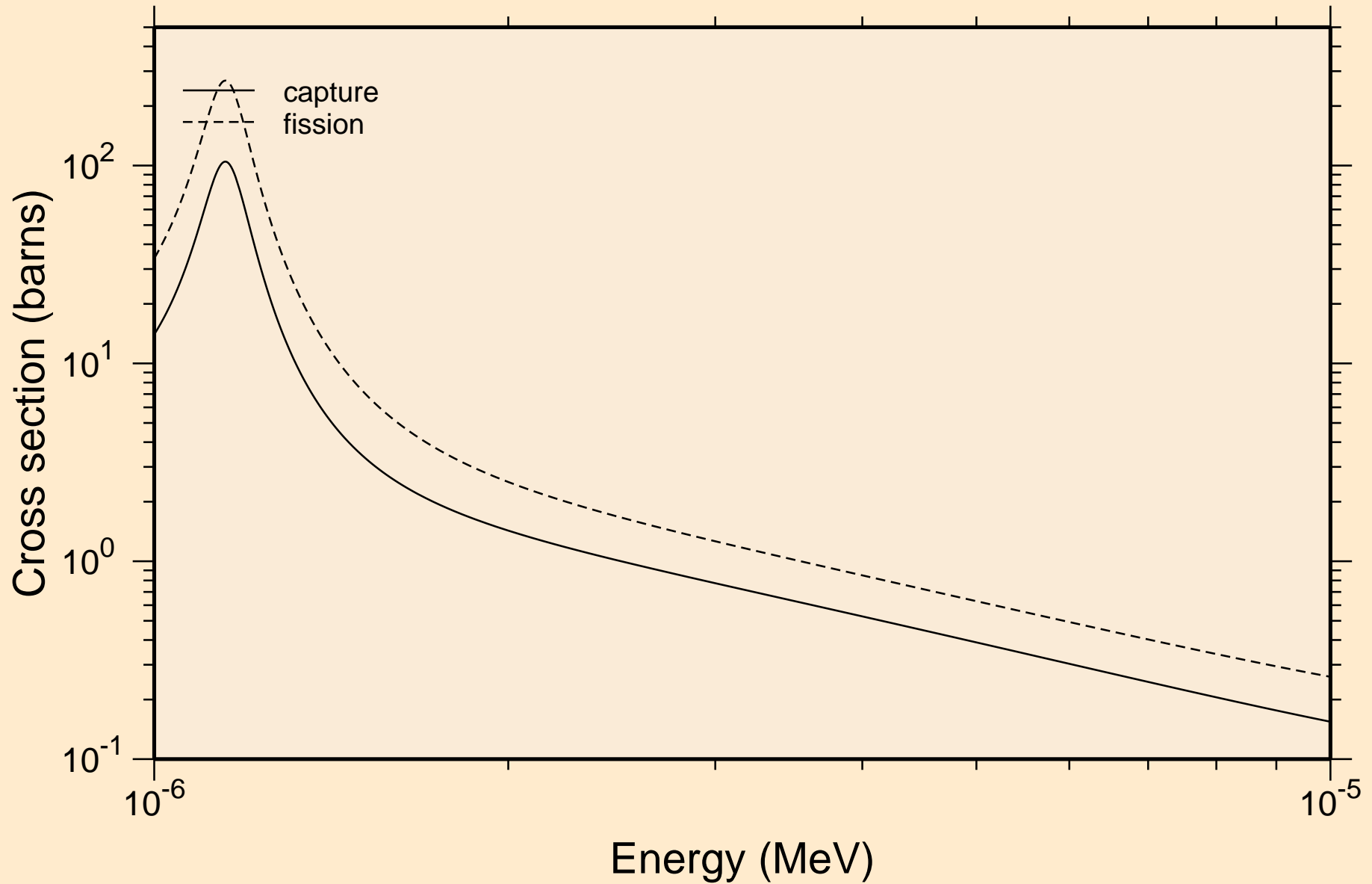
CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



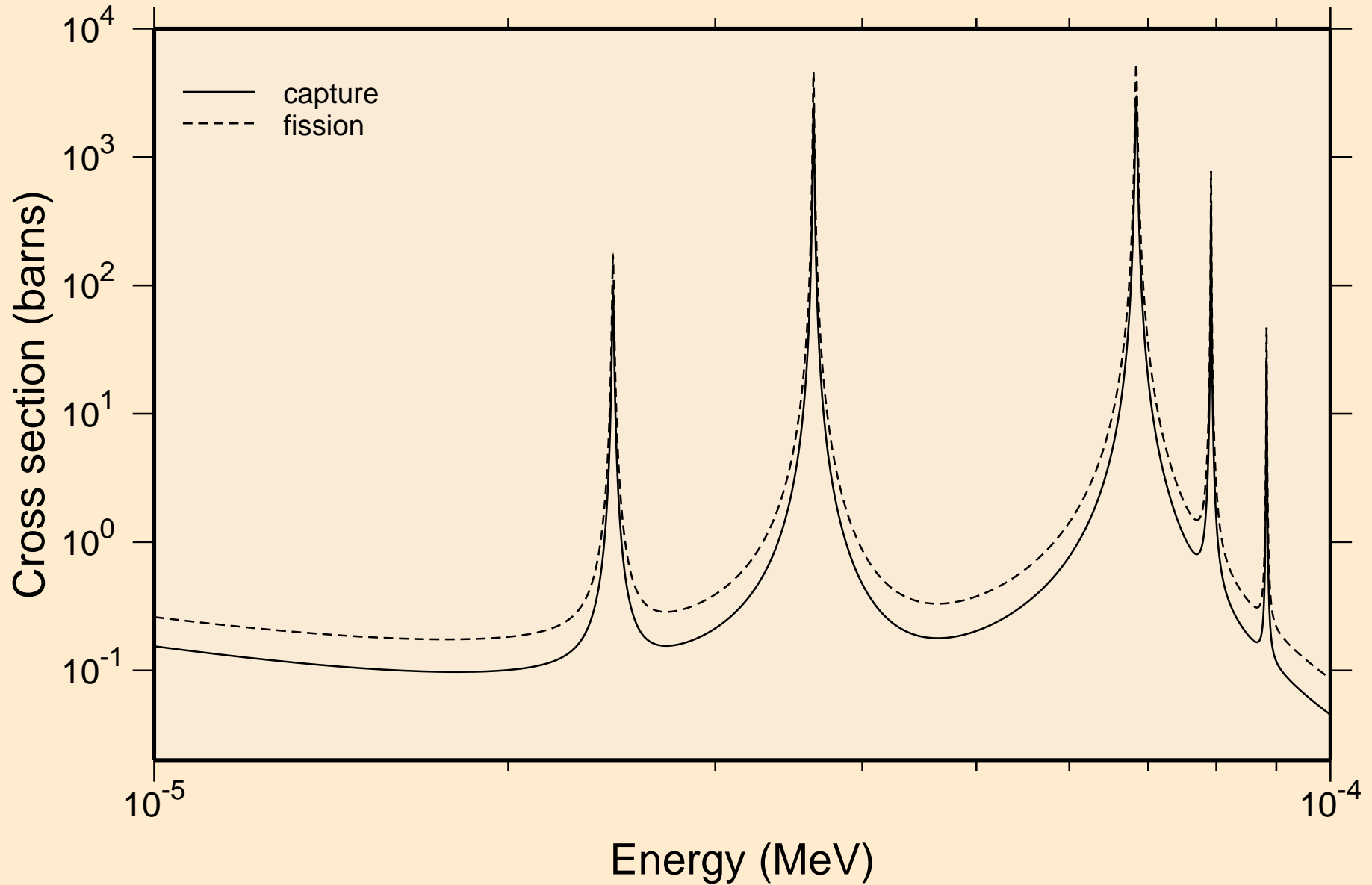
CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

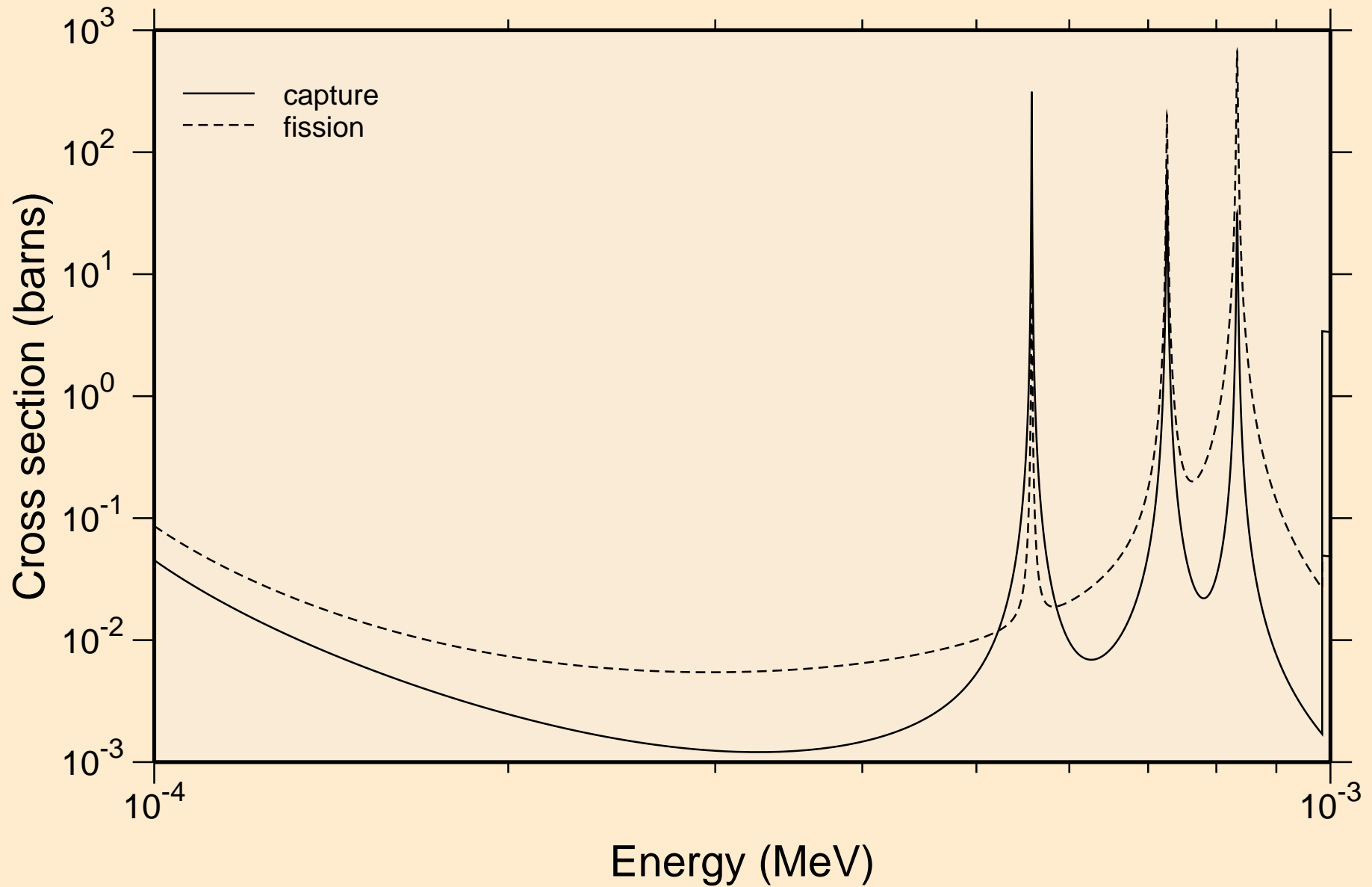


CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



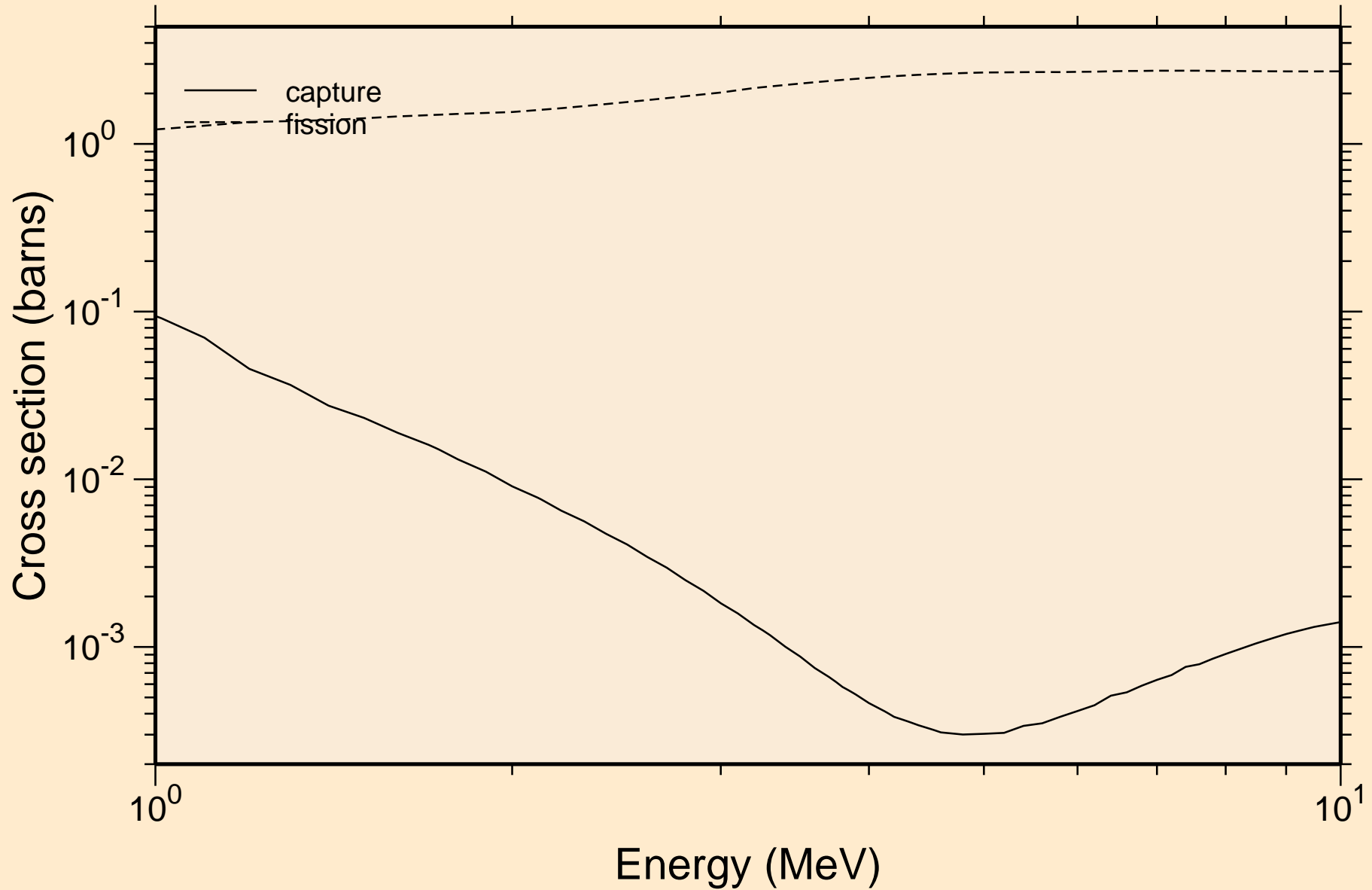
# CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## resonance absorption cross sections



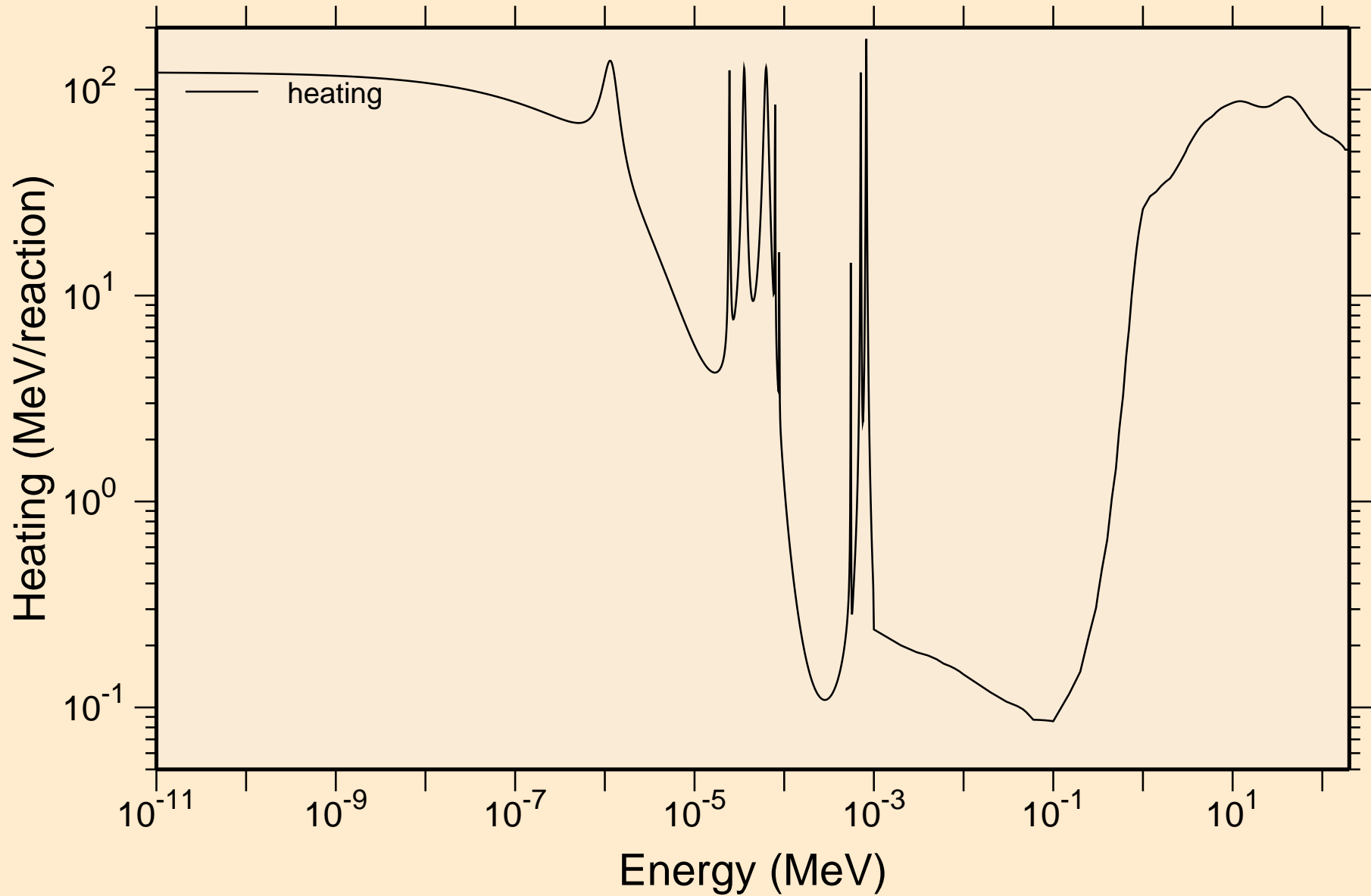


CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

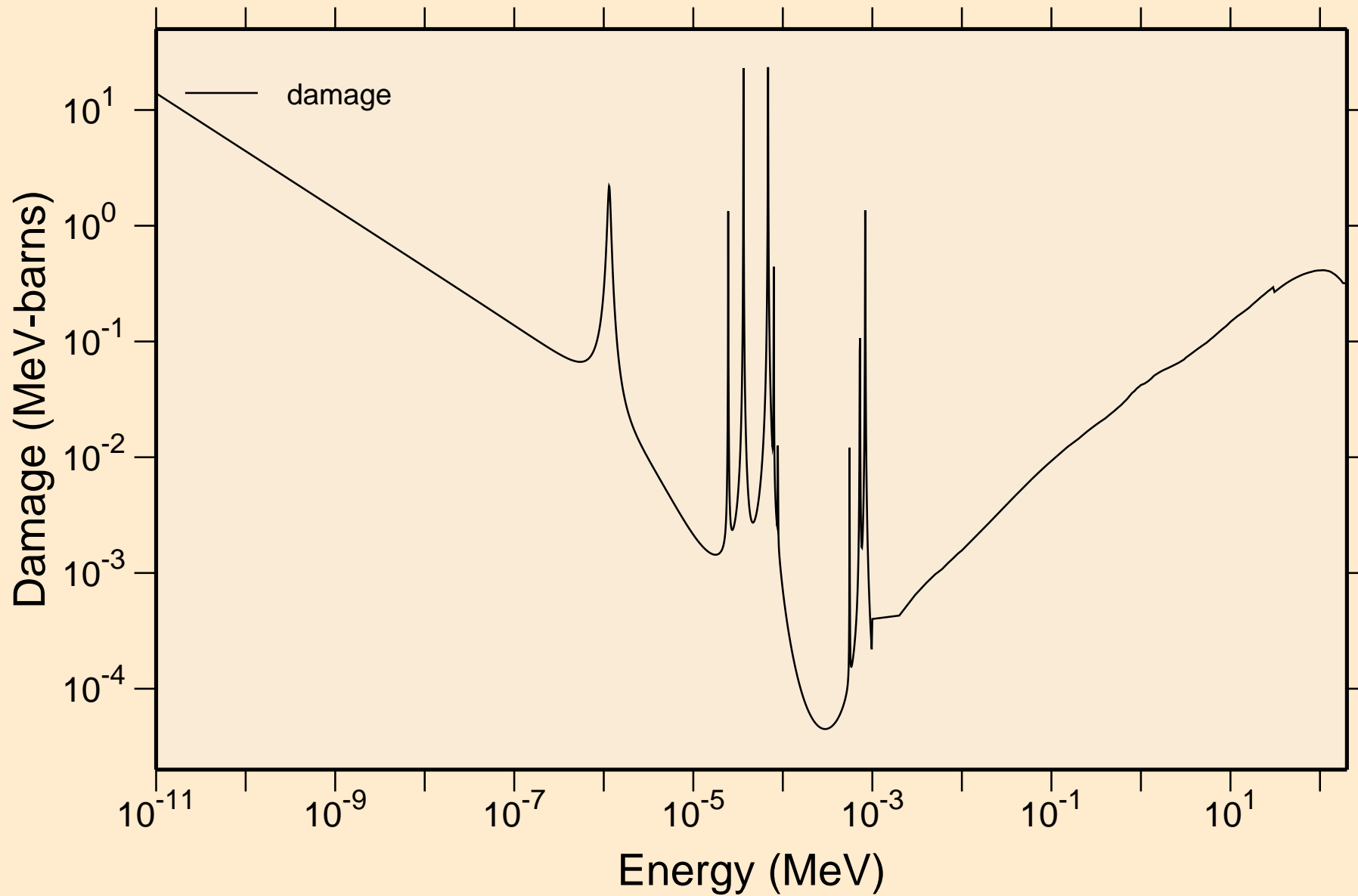


# CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

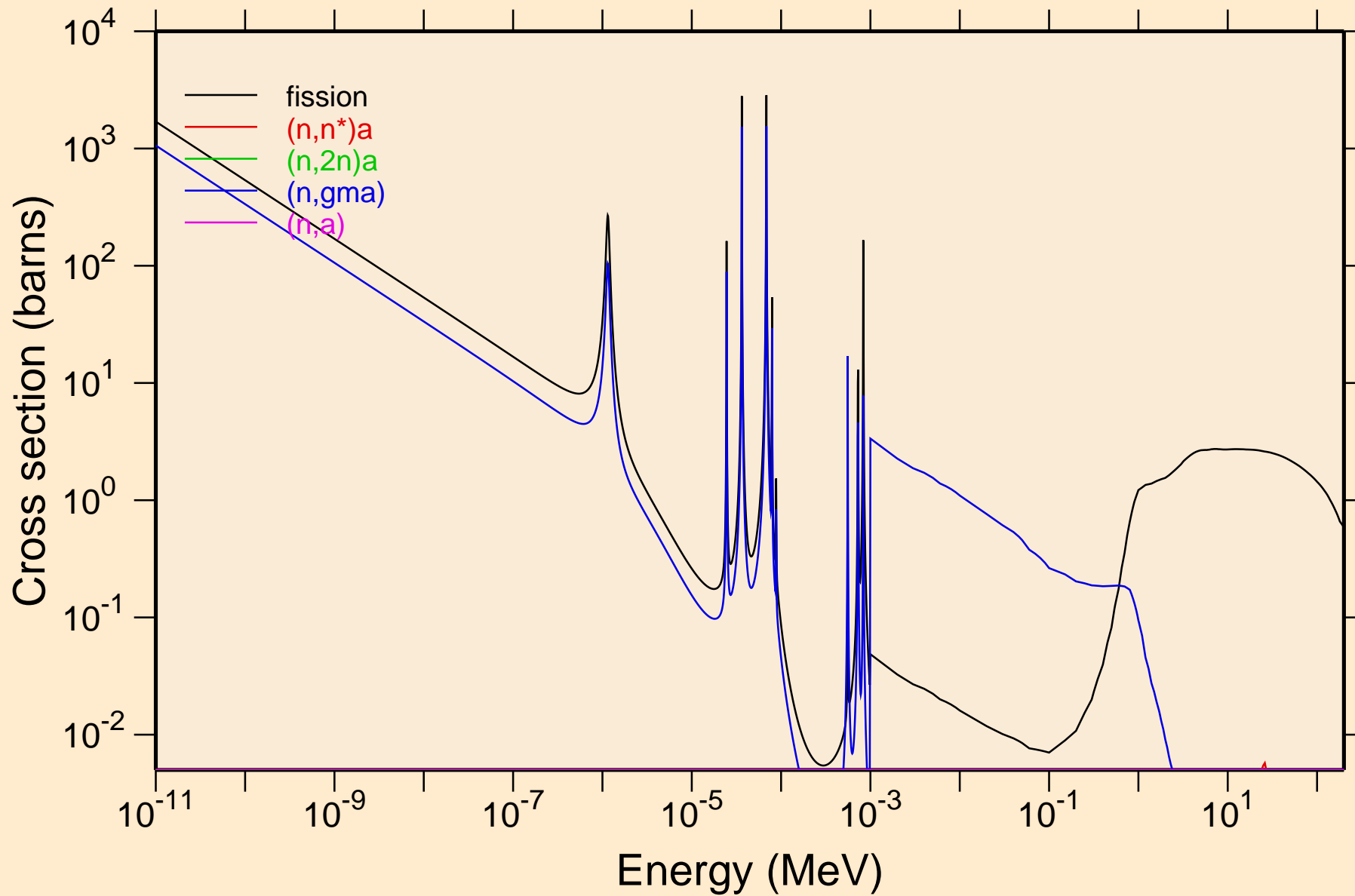


CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage

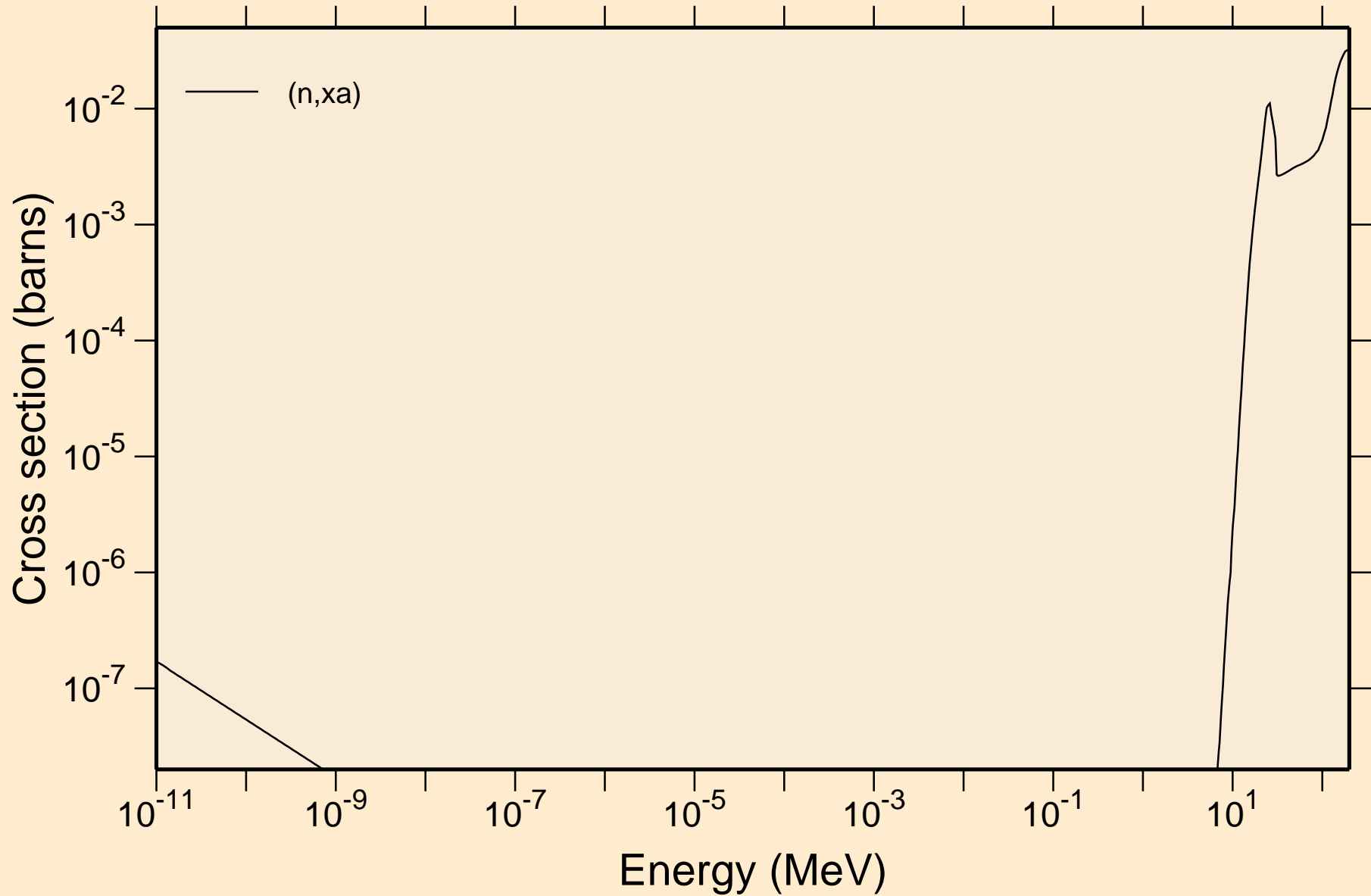


# CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Non-threshold reactions

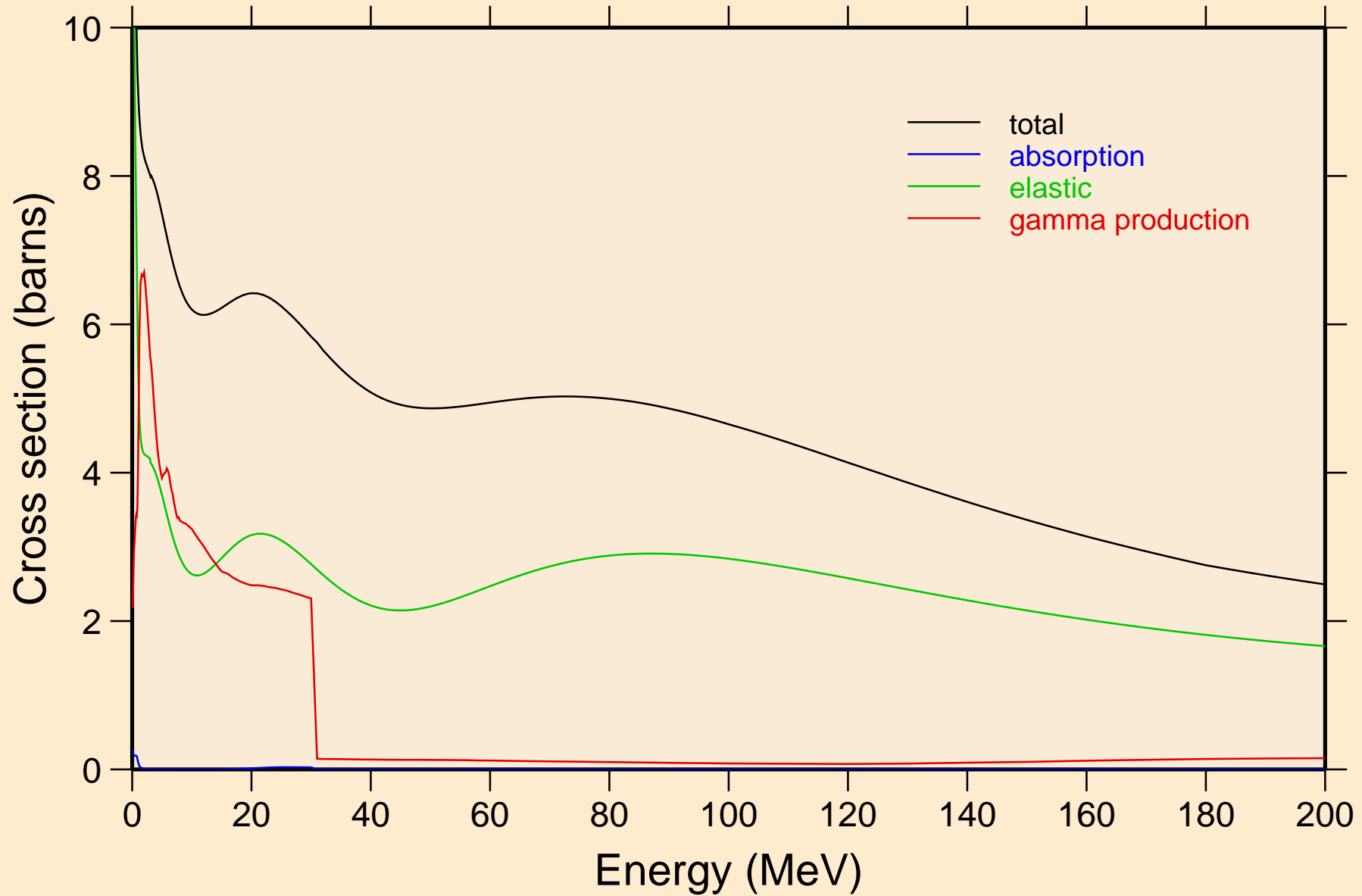


CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

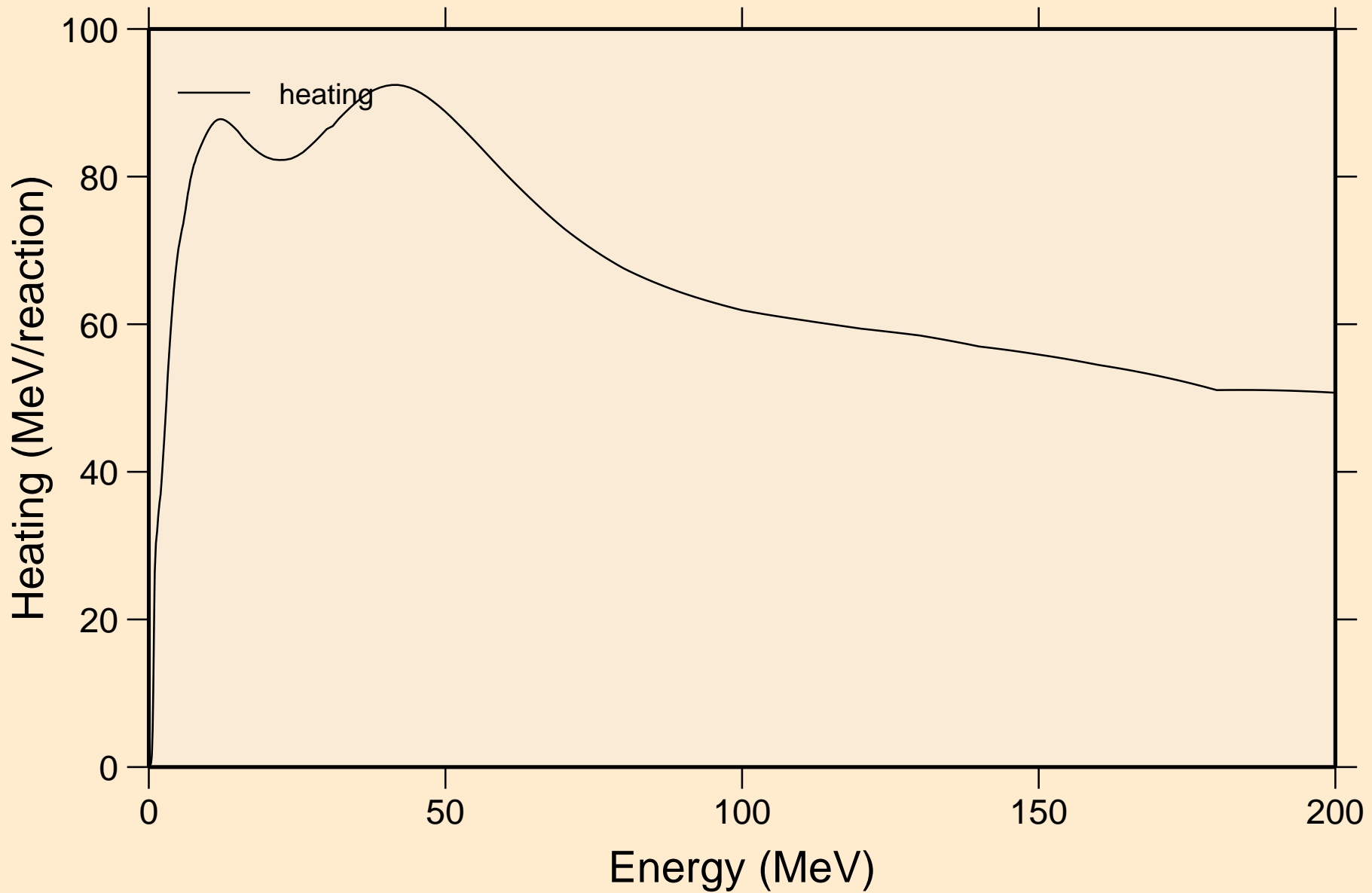


# CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

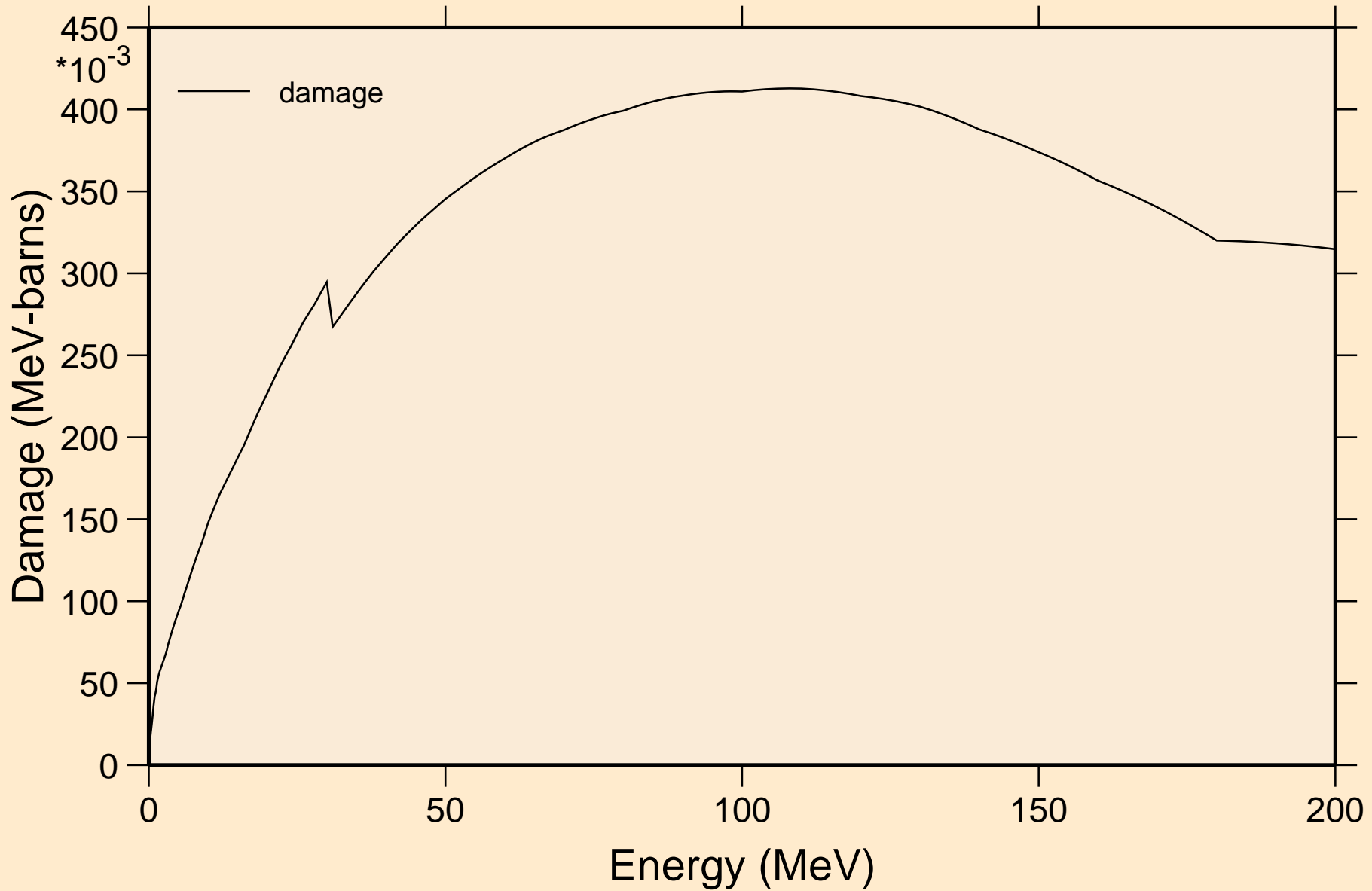
## Principal cross sections



CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Heating



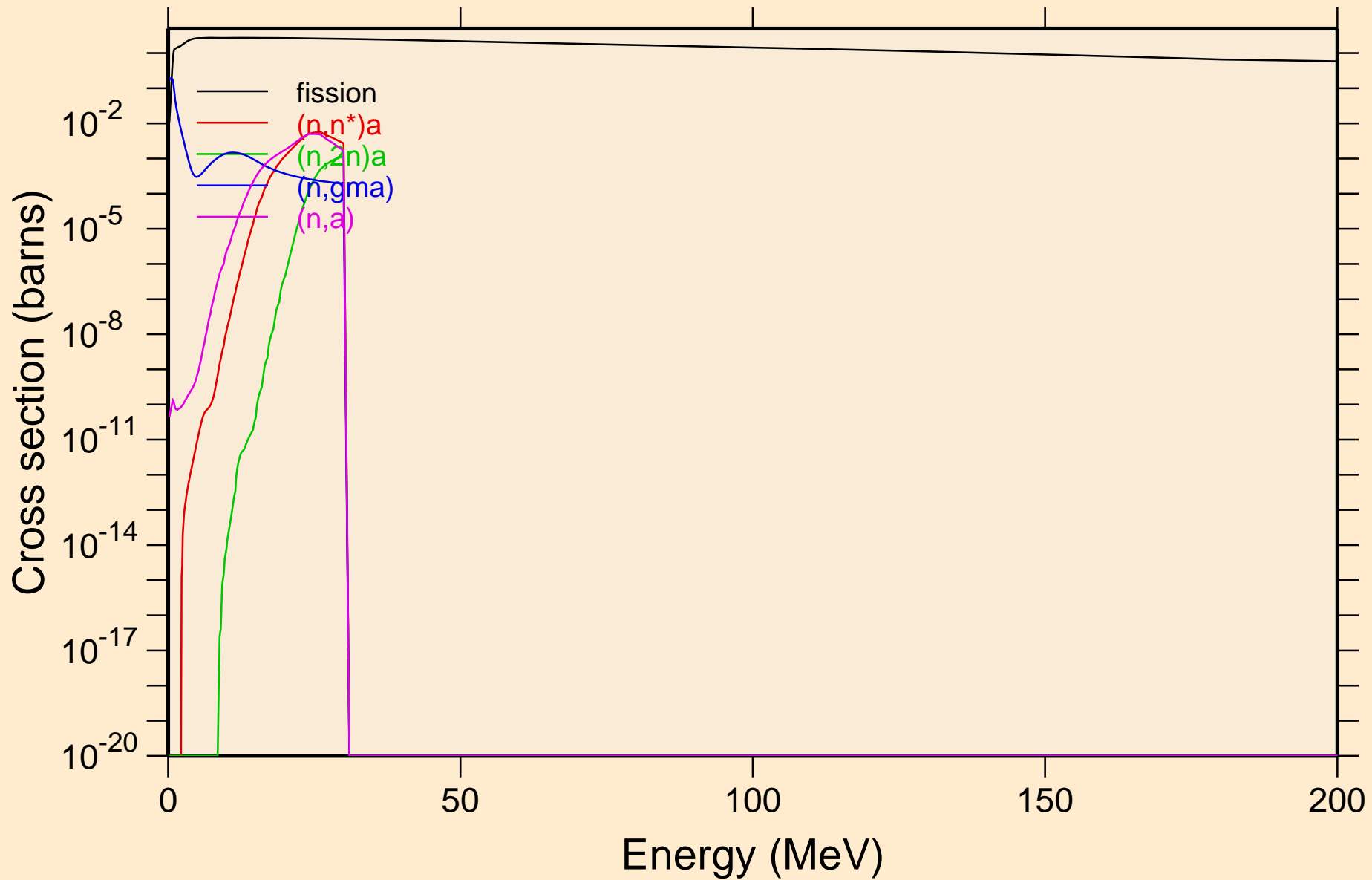
CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage



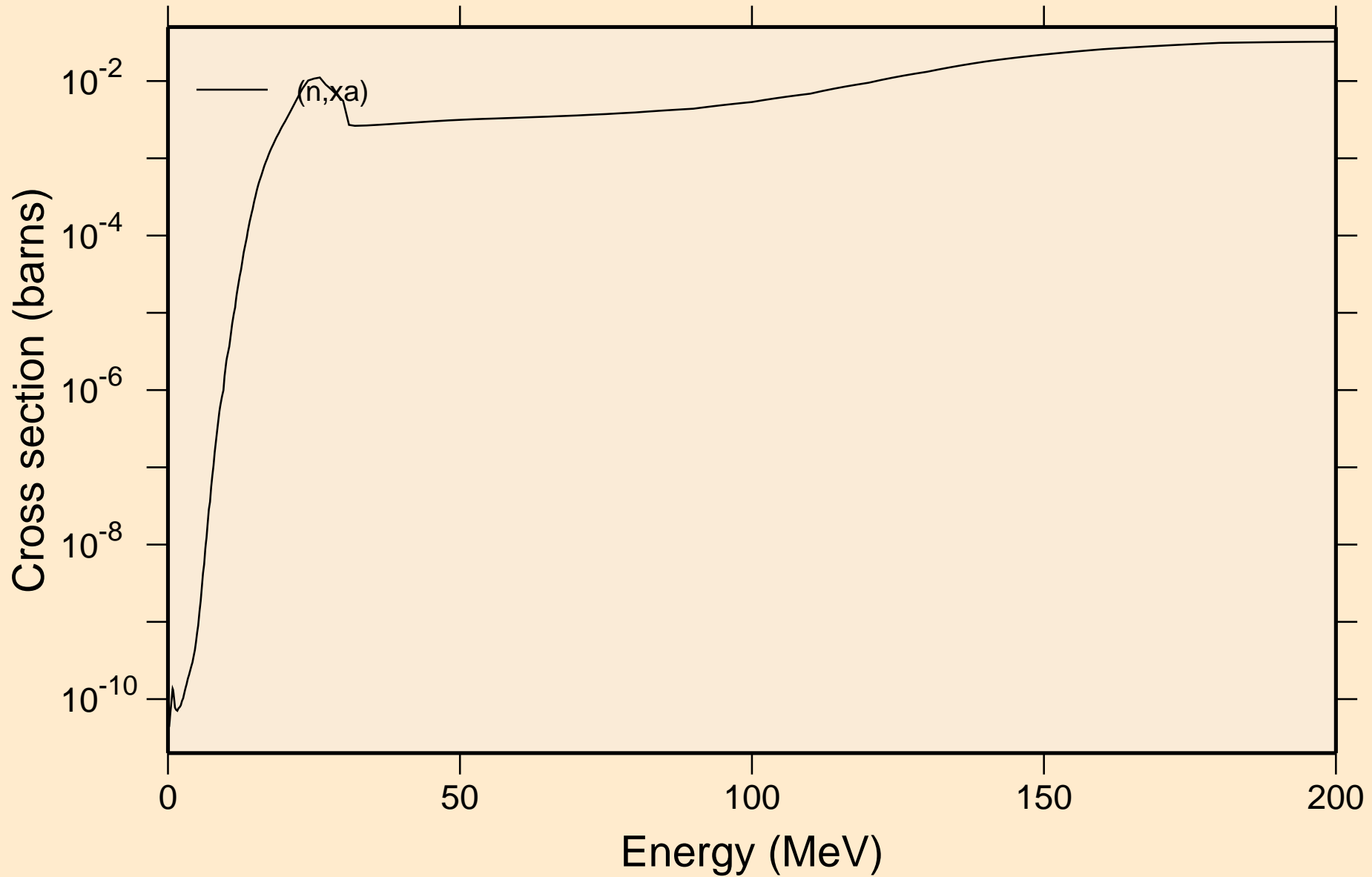


# CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

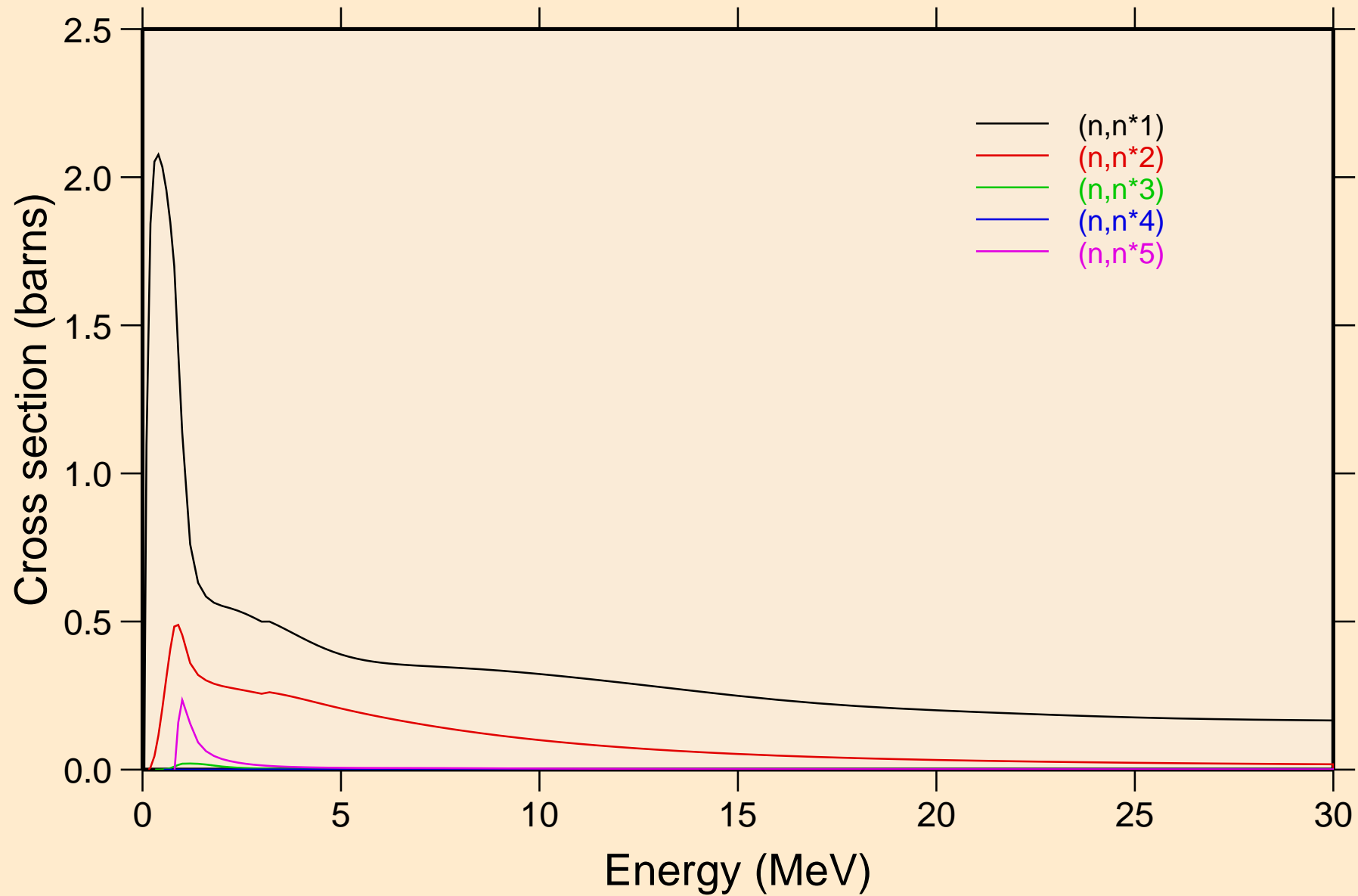
## Non-threshold reactions



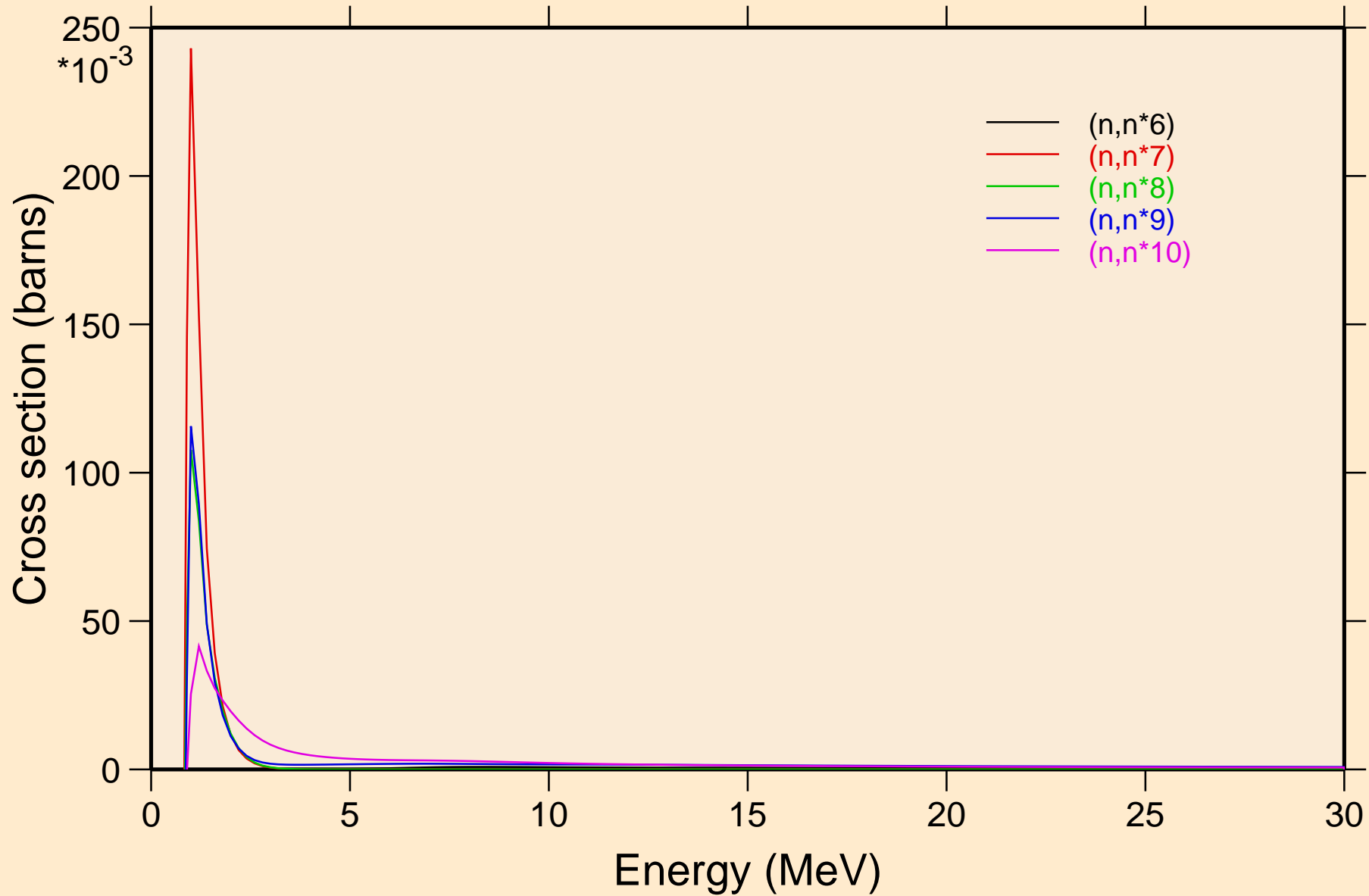
CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



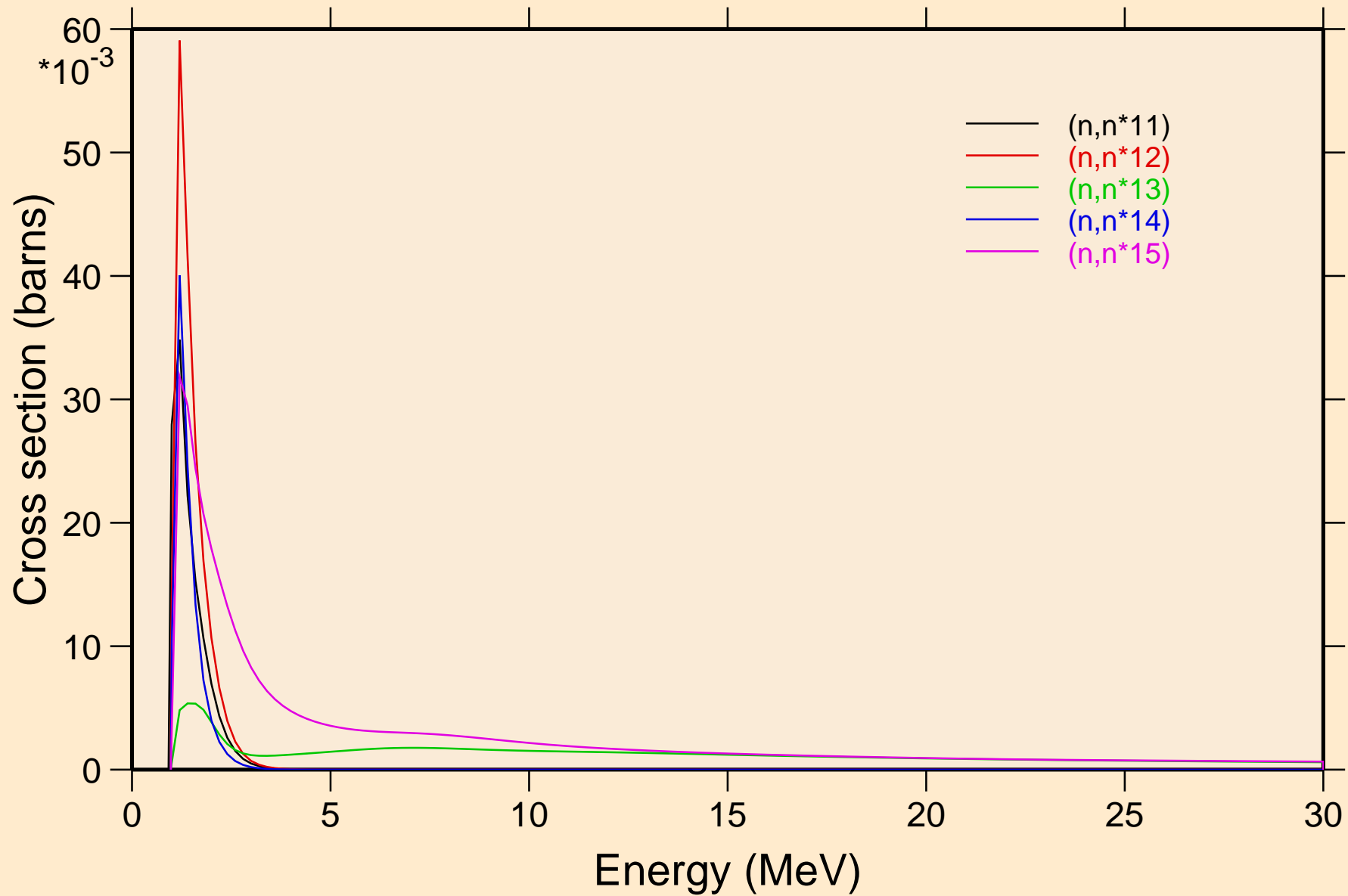
CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



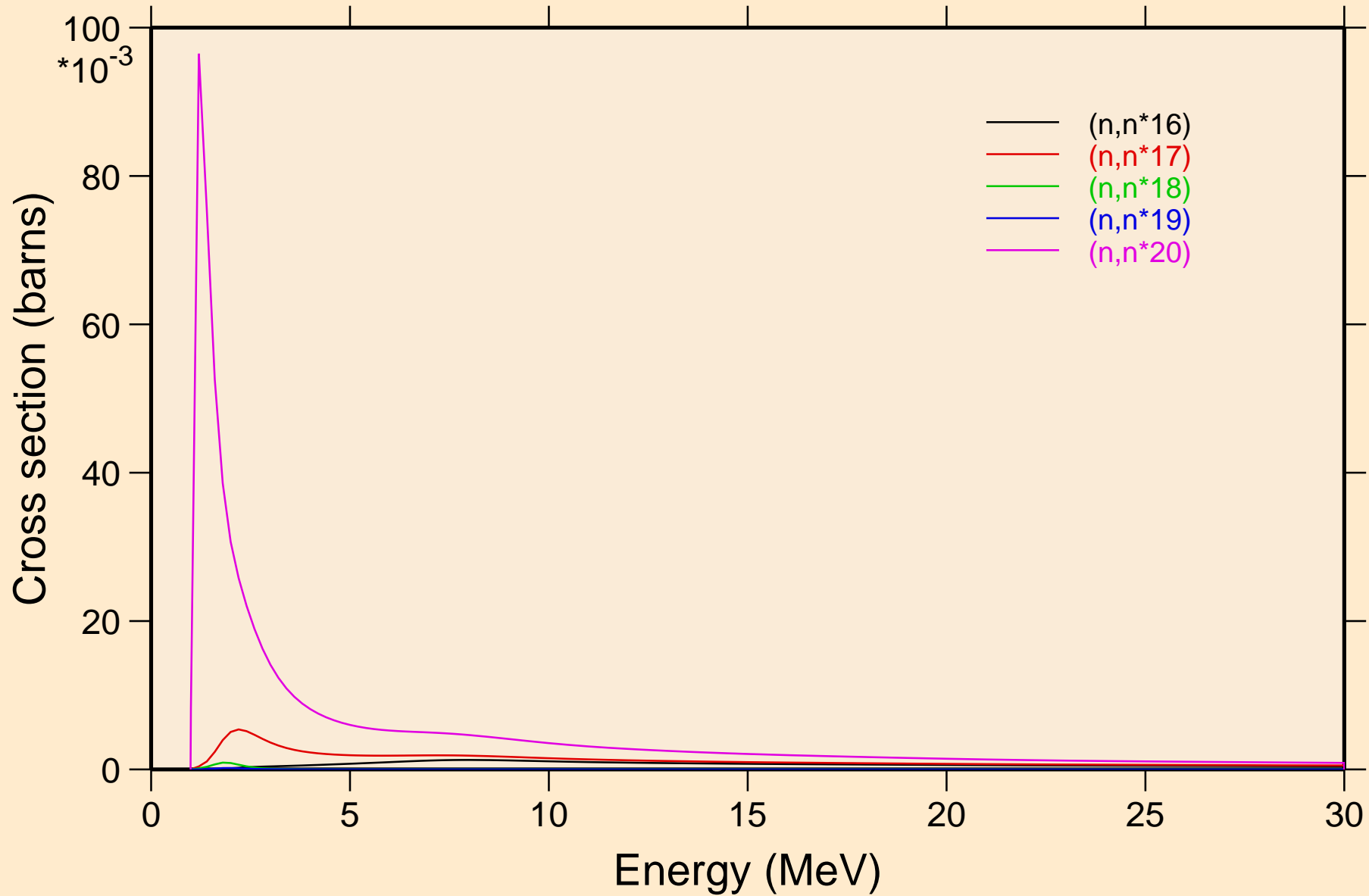
CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



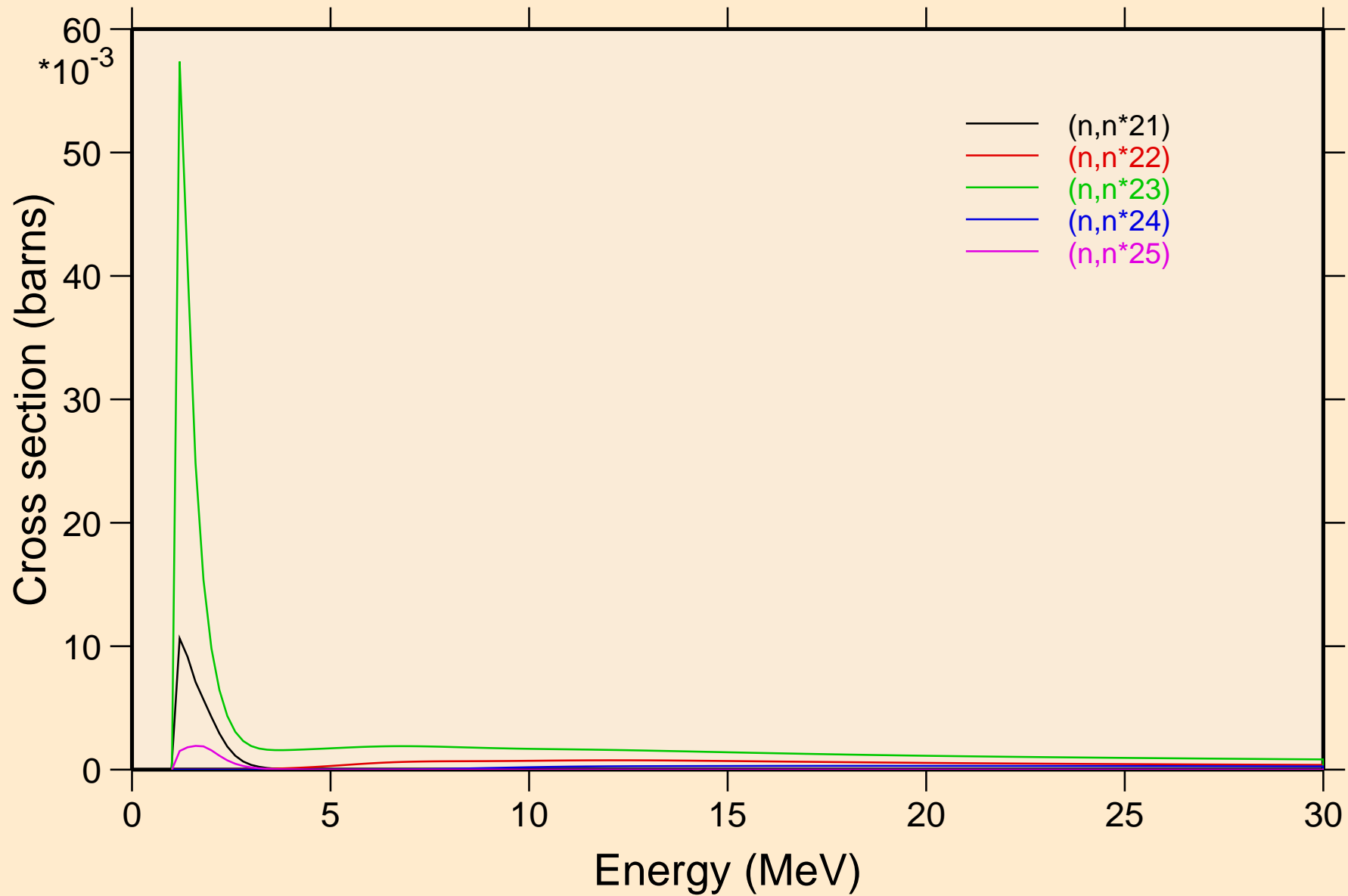
CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



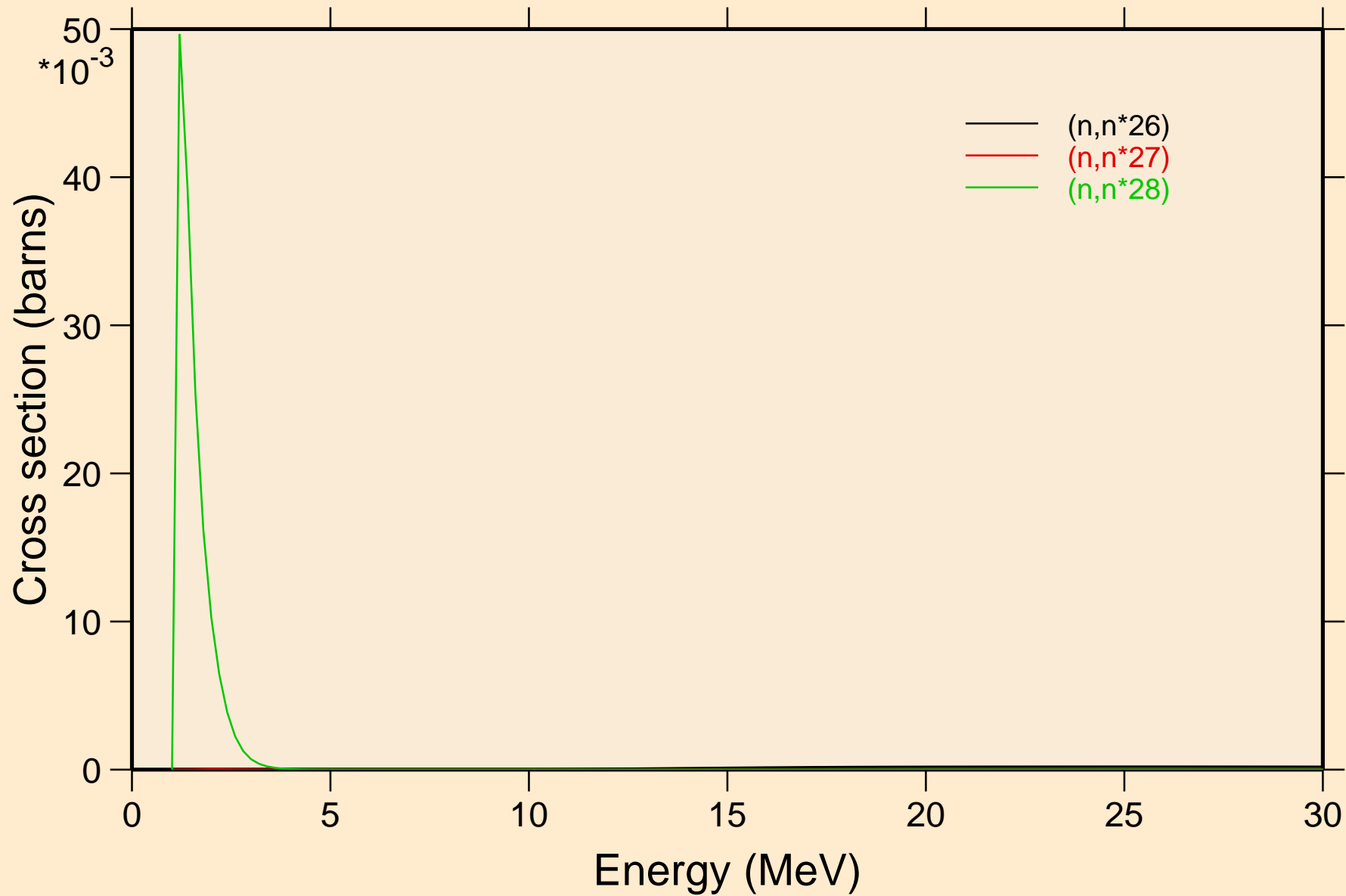
CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

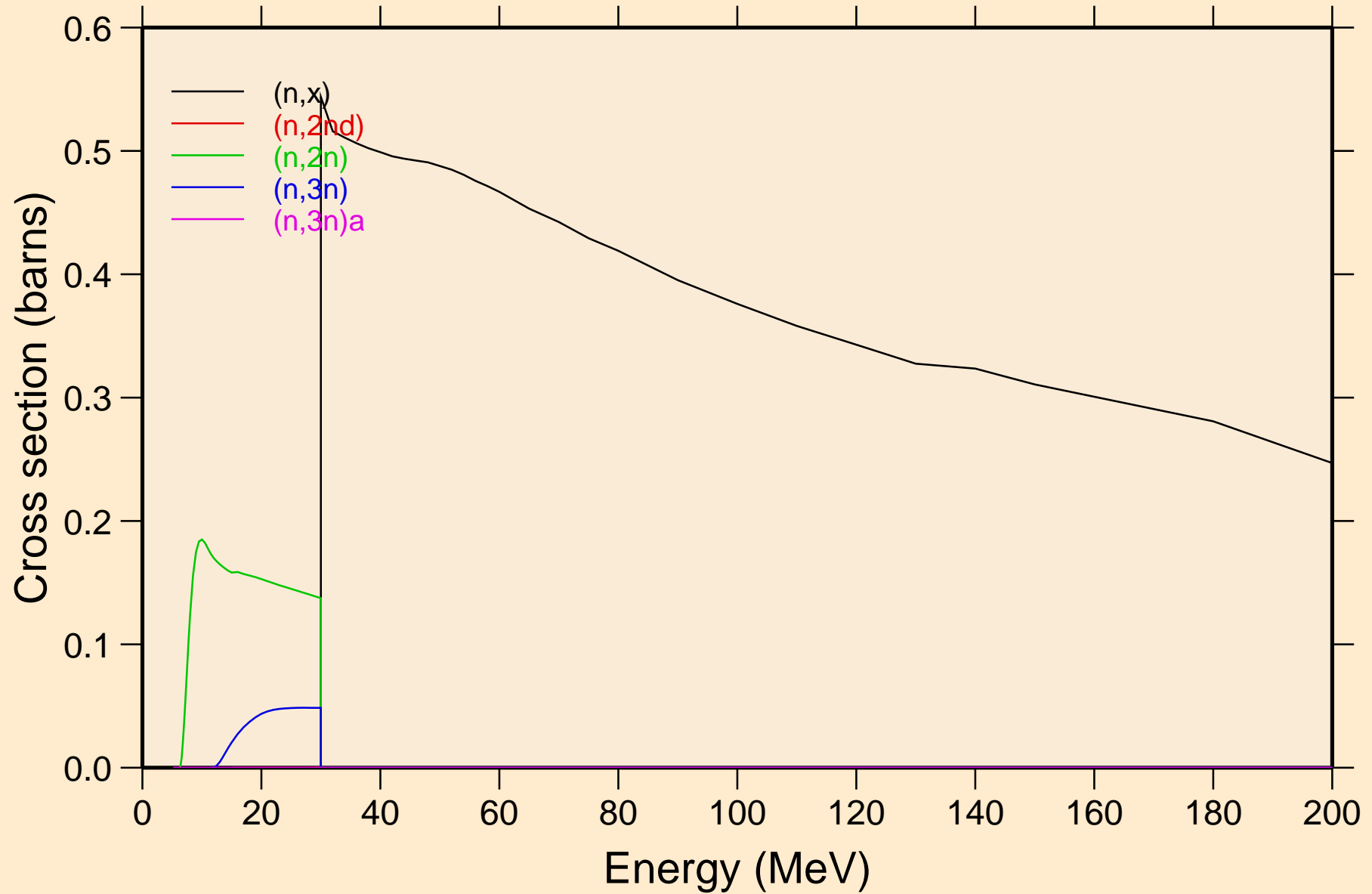


CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



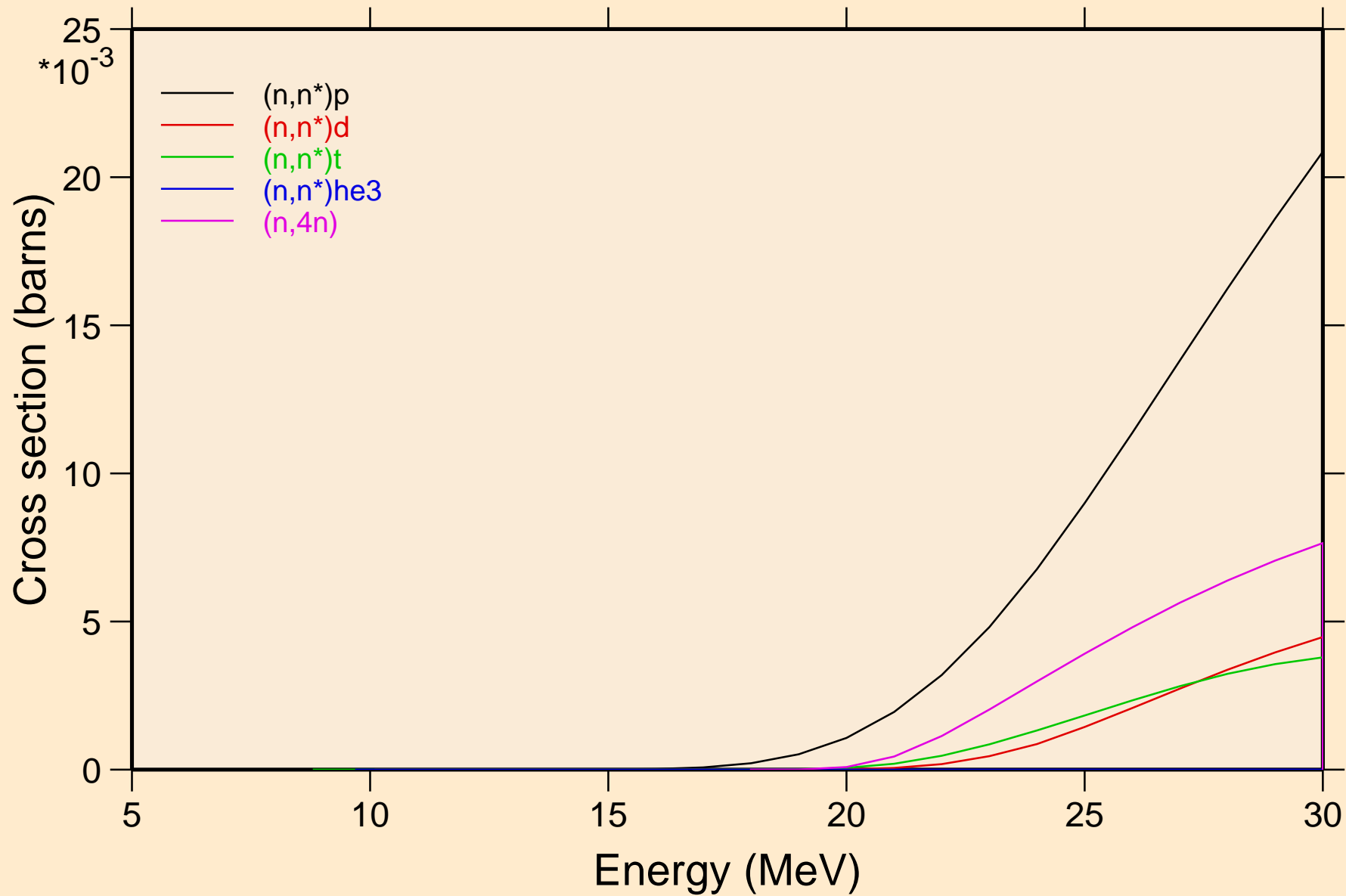


CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



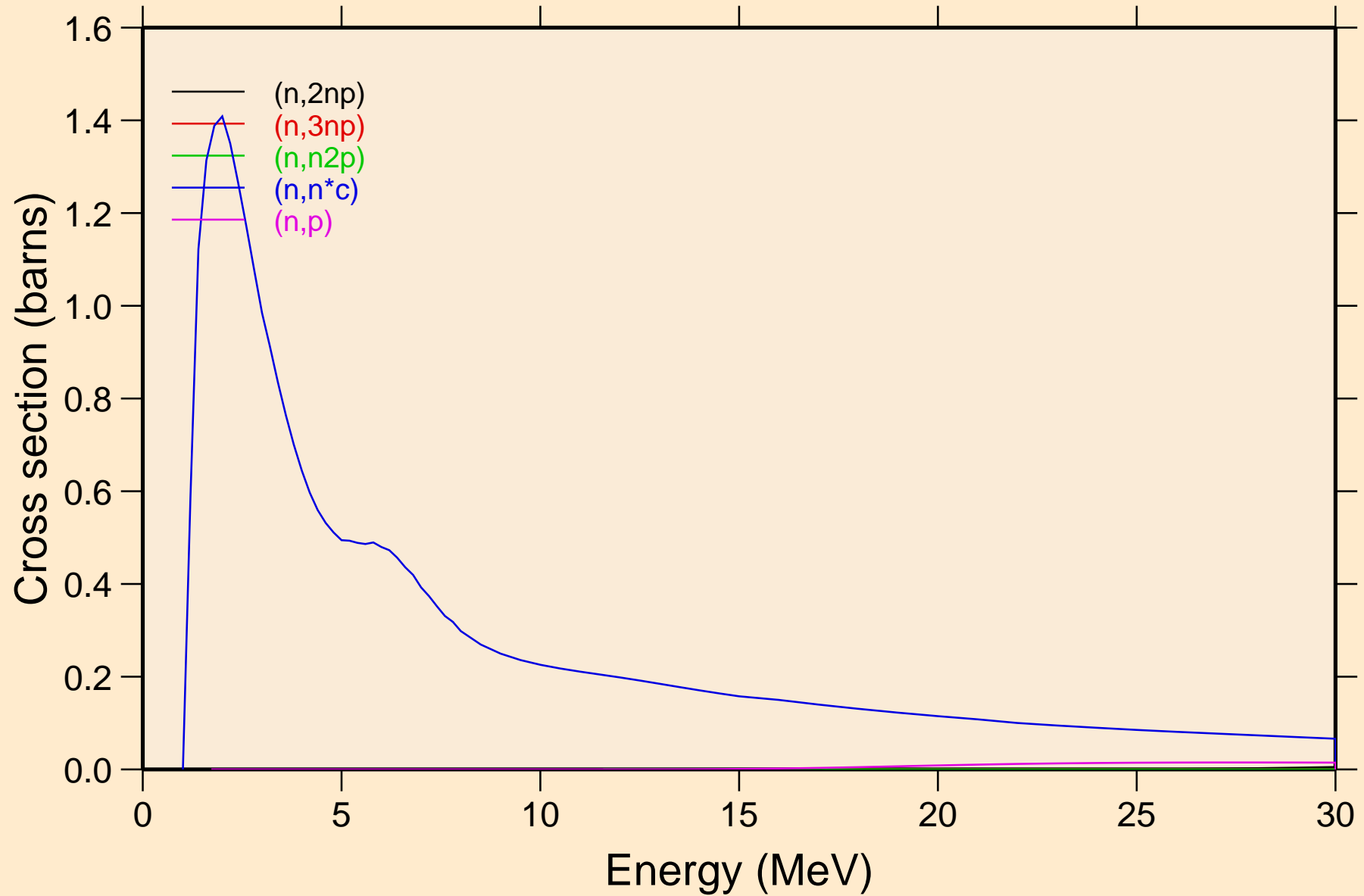
# CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

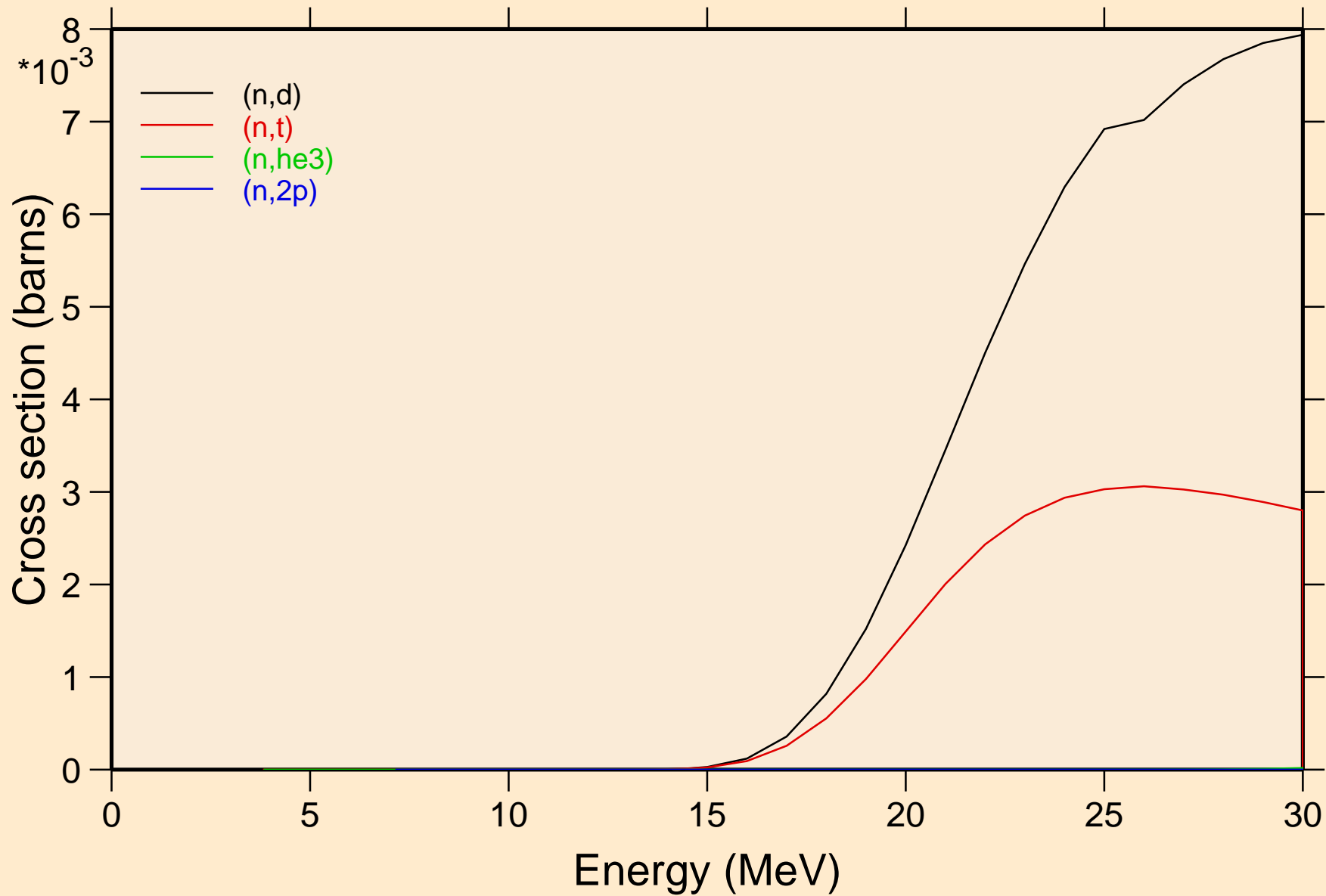


# CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

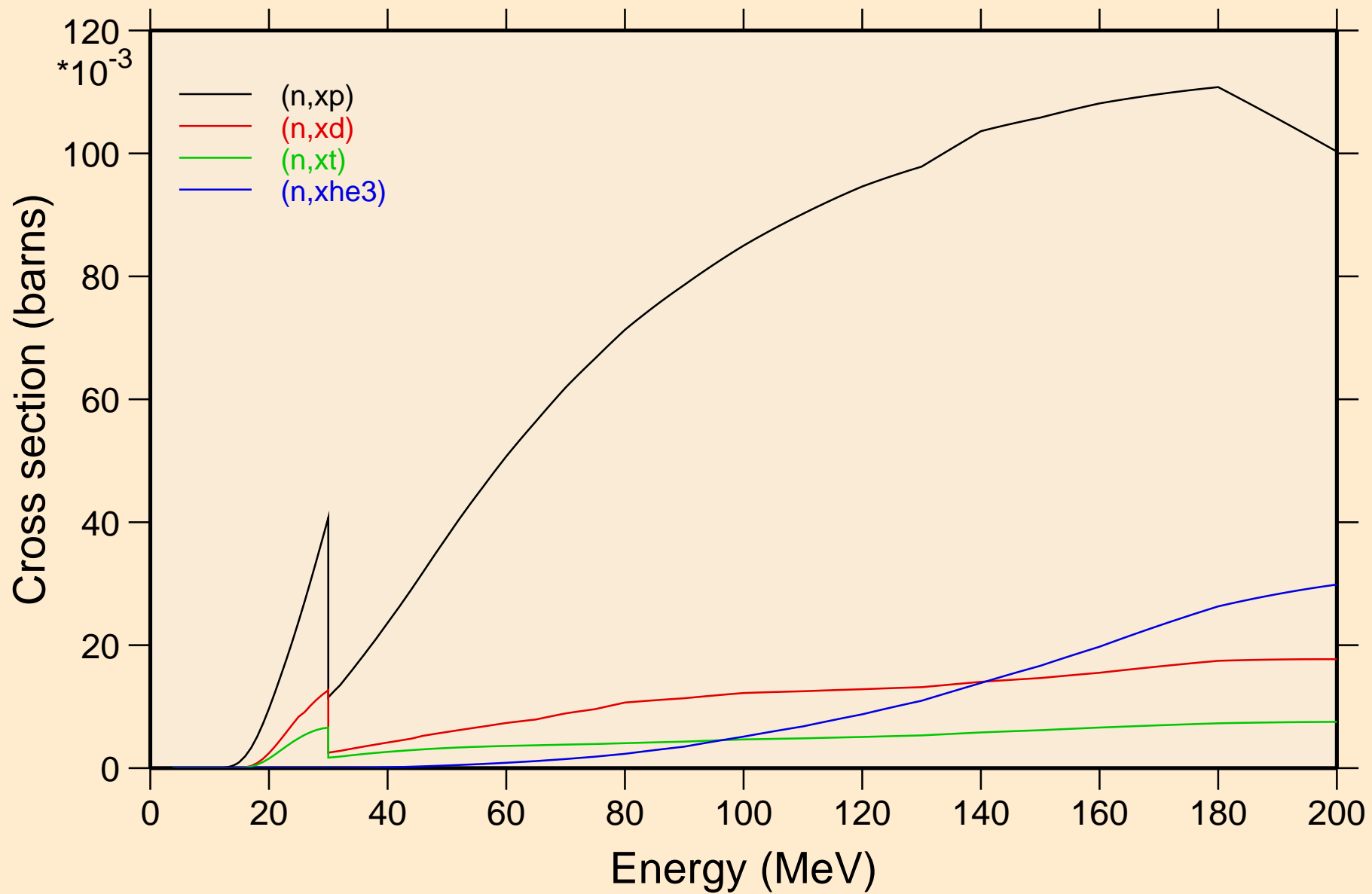


CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

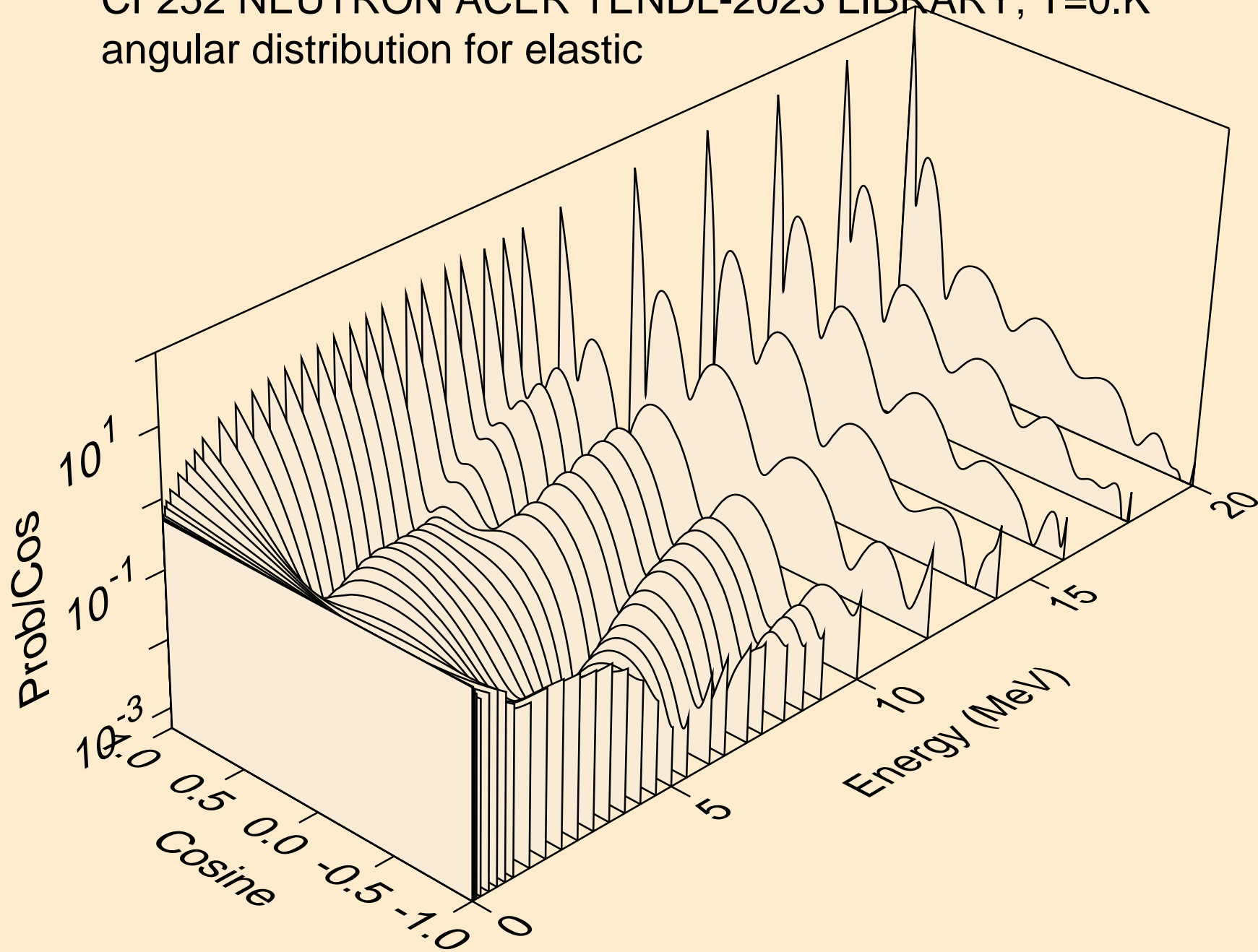


# CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

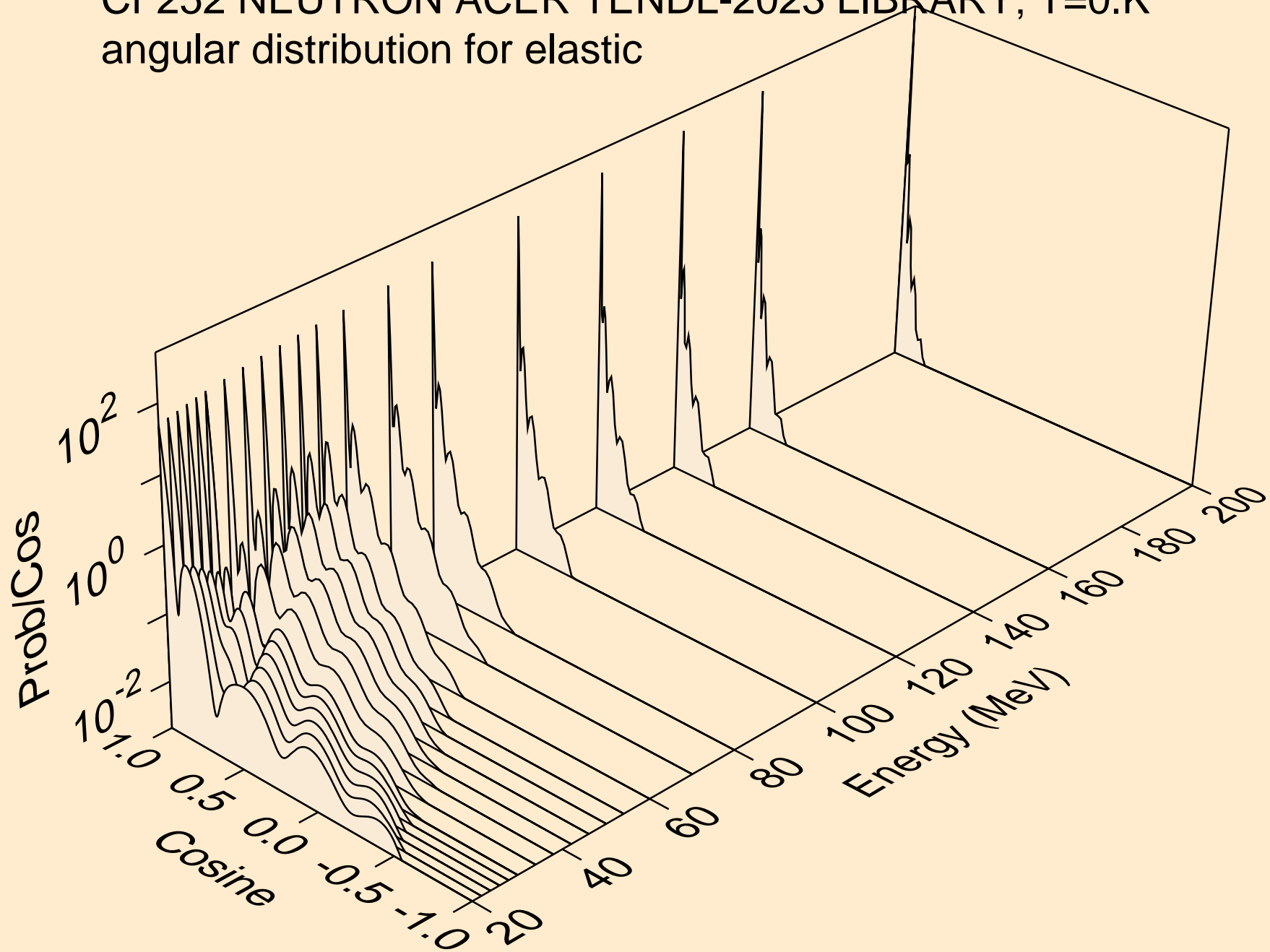
## Threshold reactions



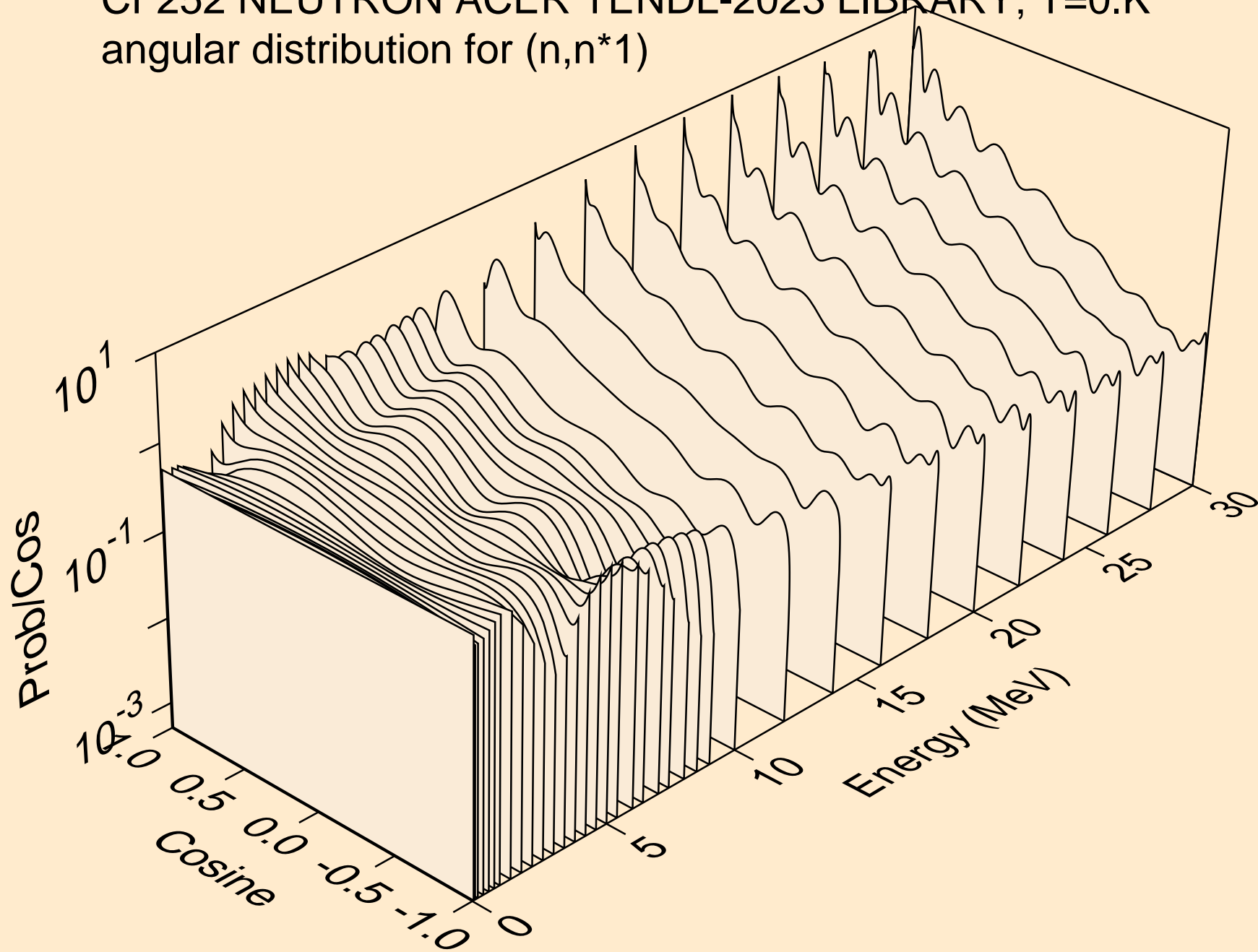
CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

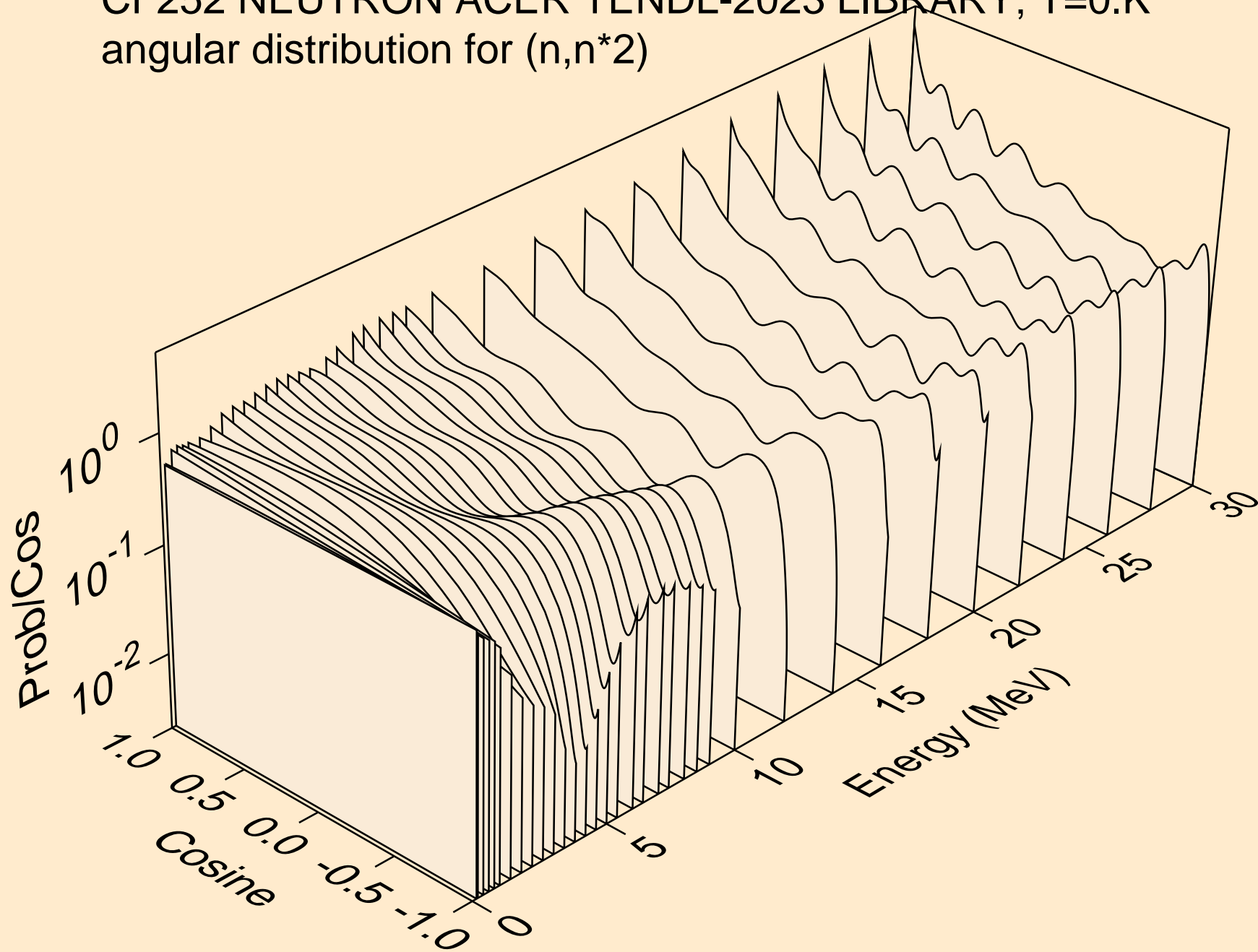


CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

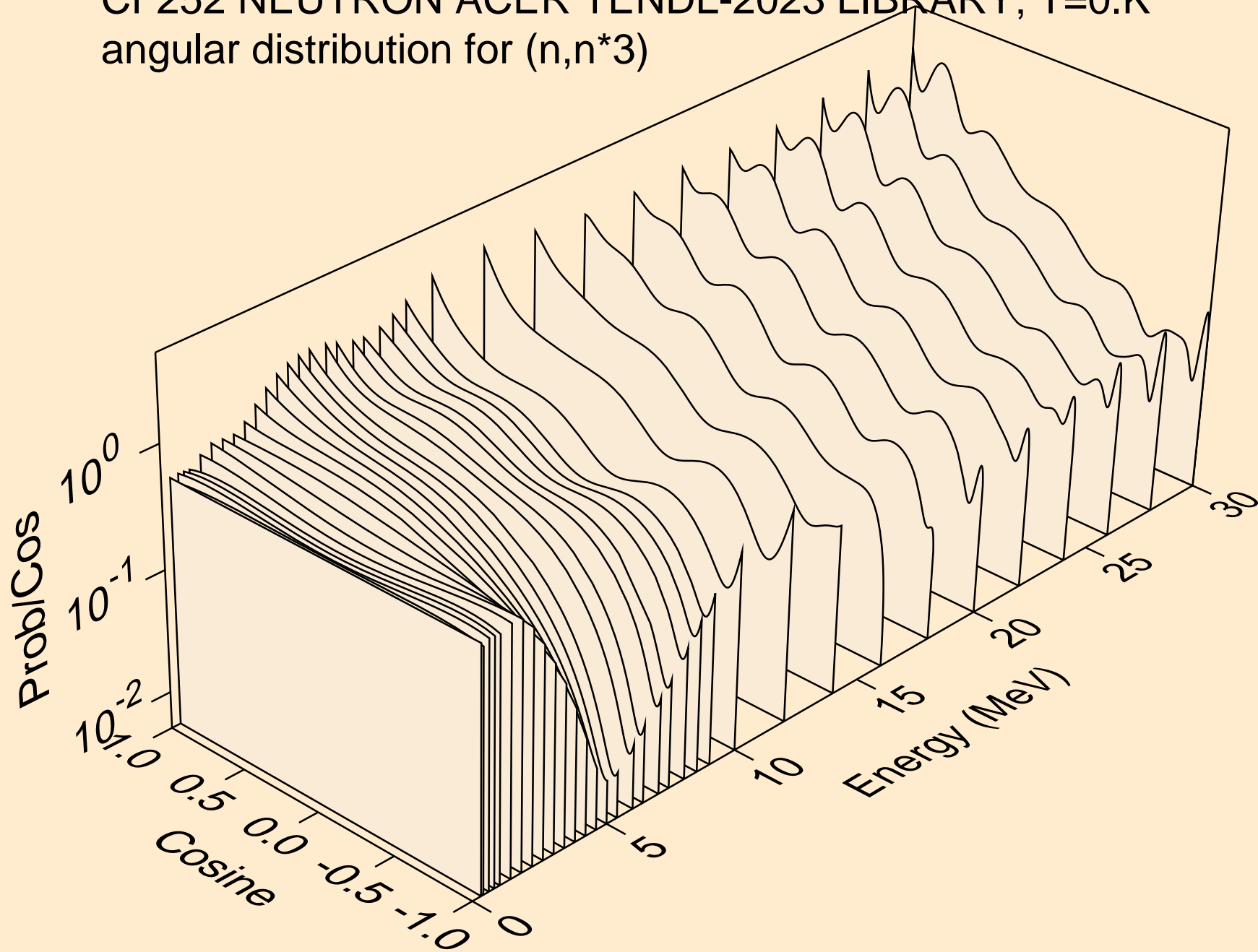




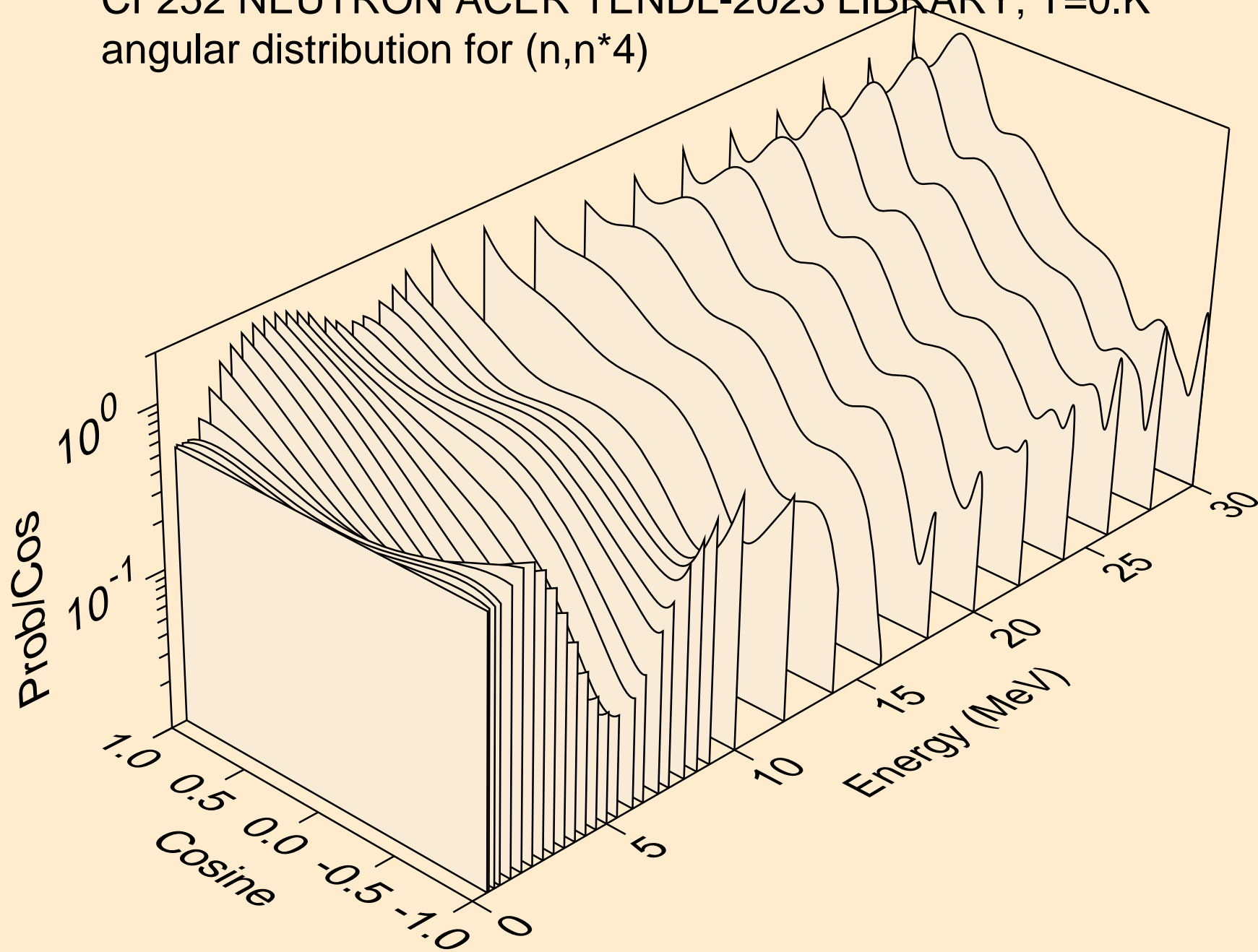
CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



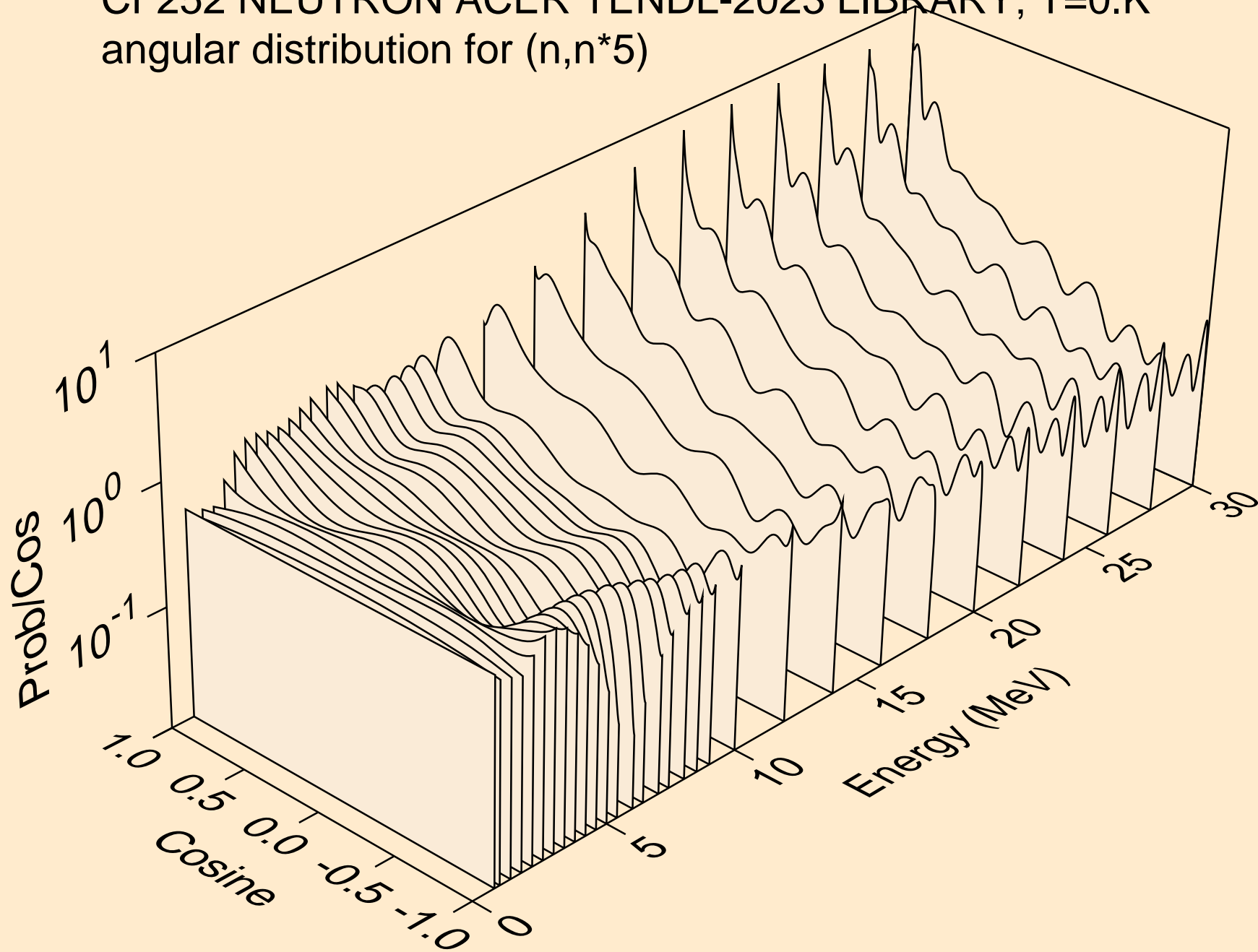
CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



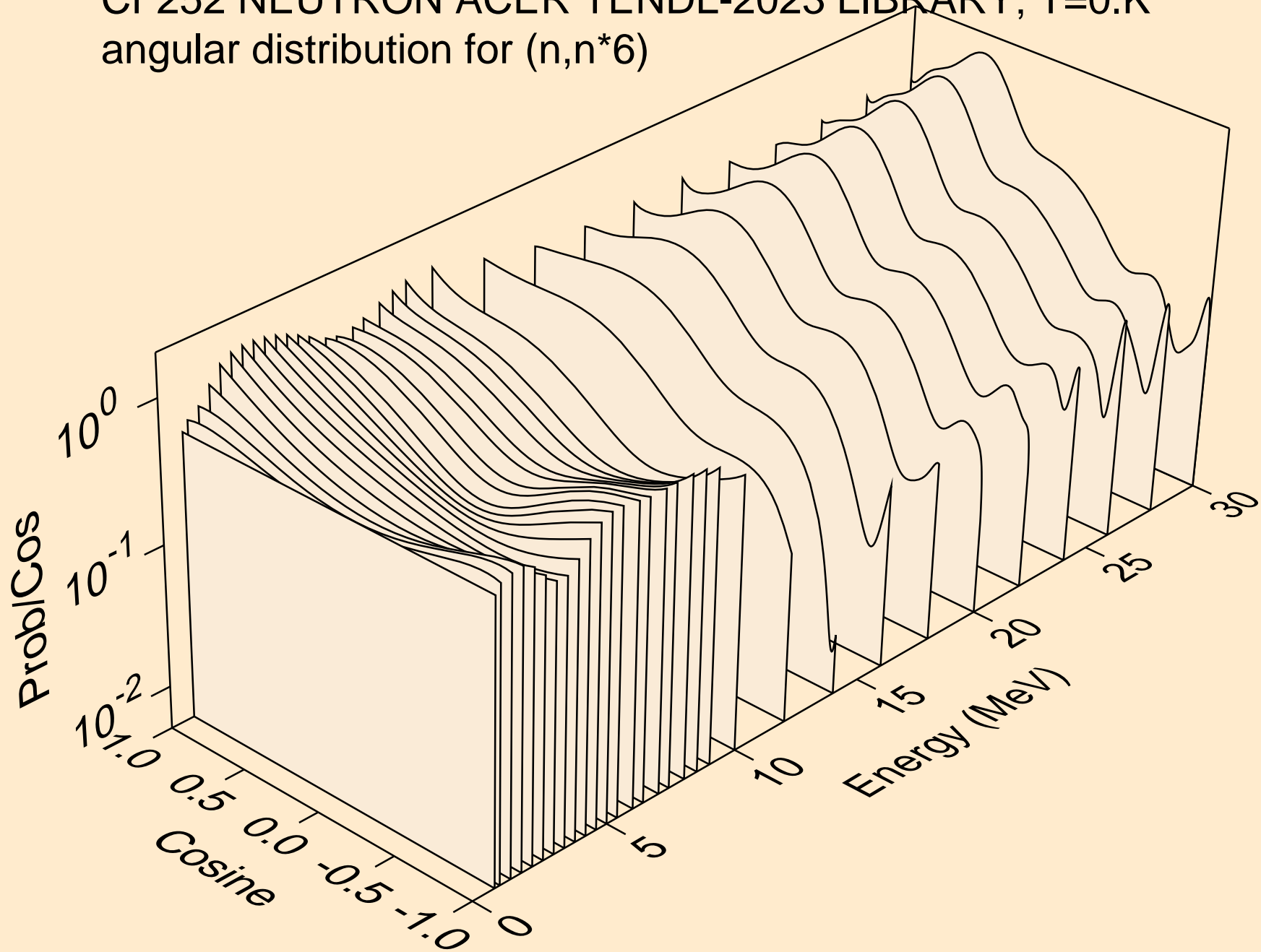
CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



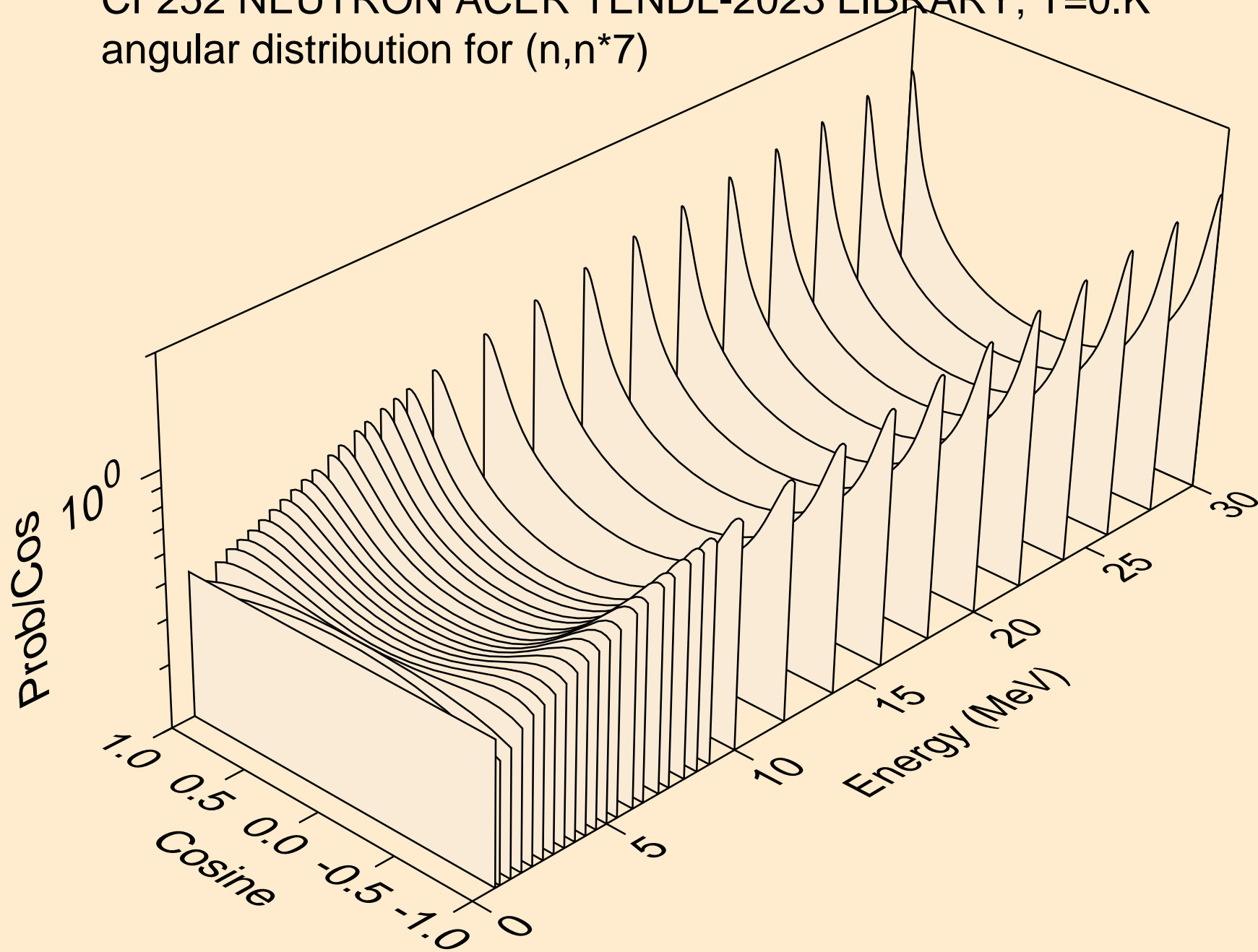
CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



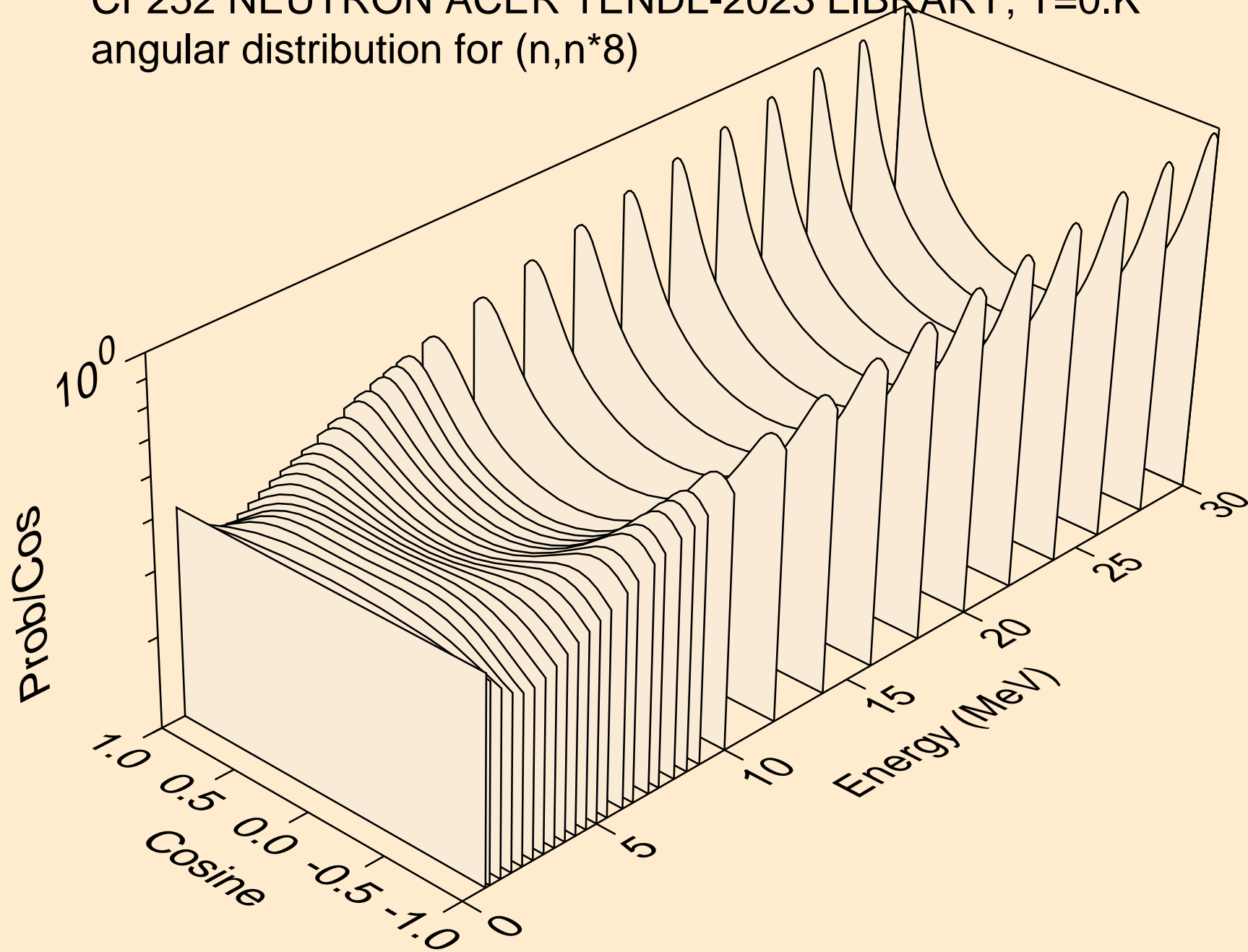
CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



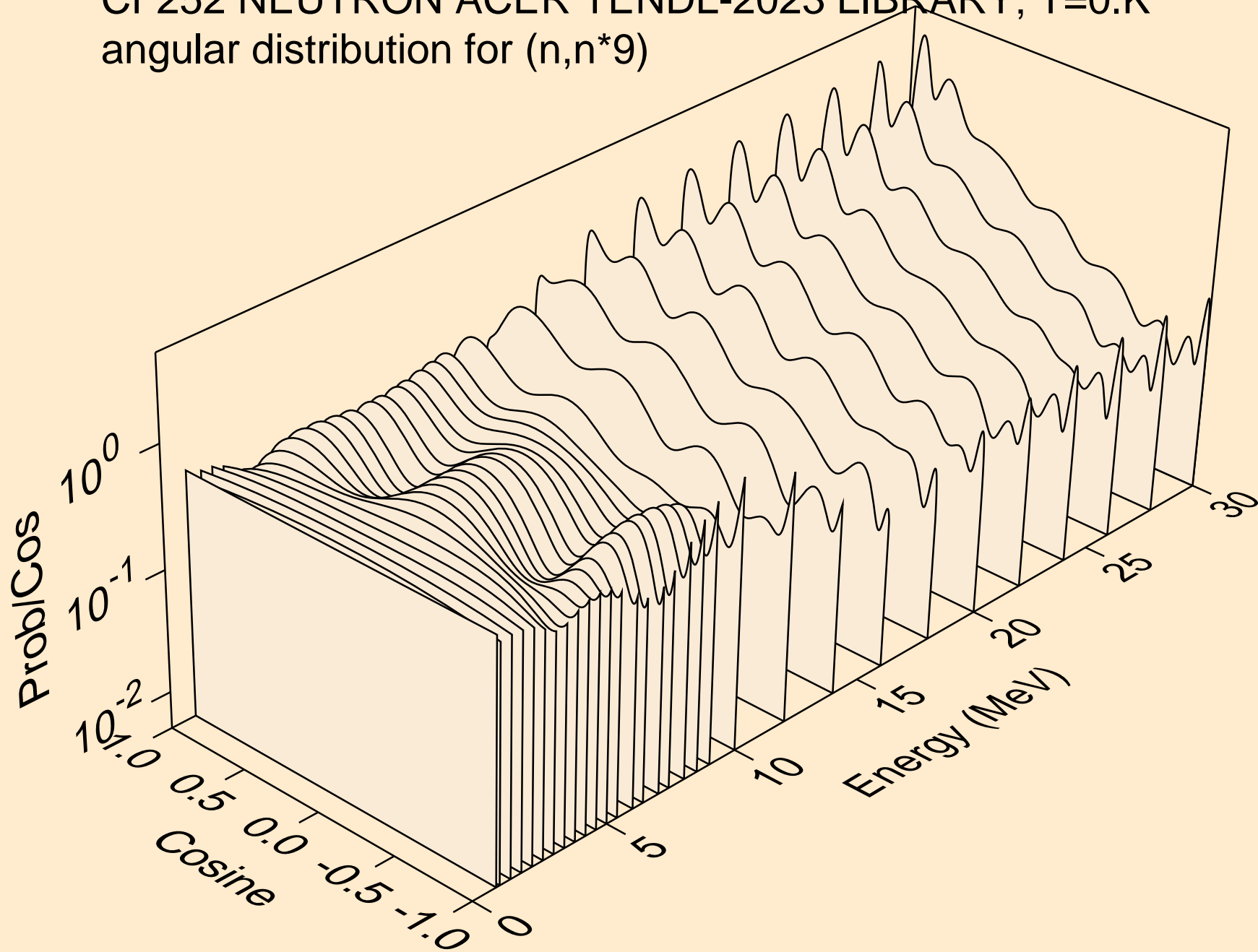
CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*8)

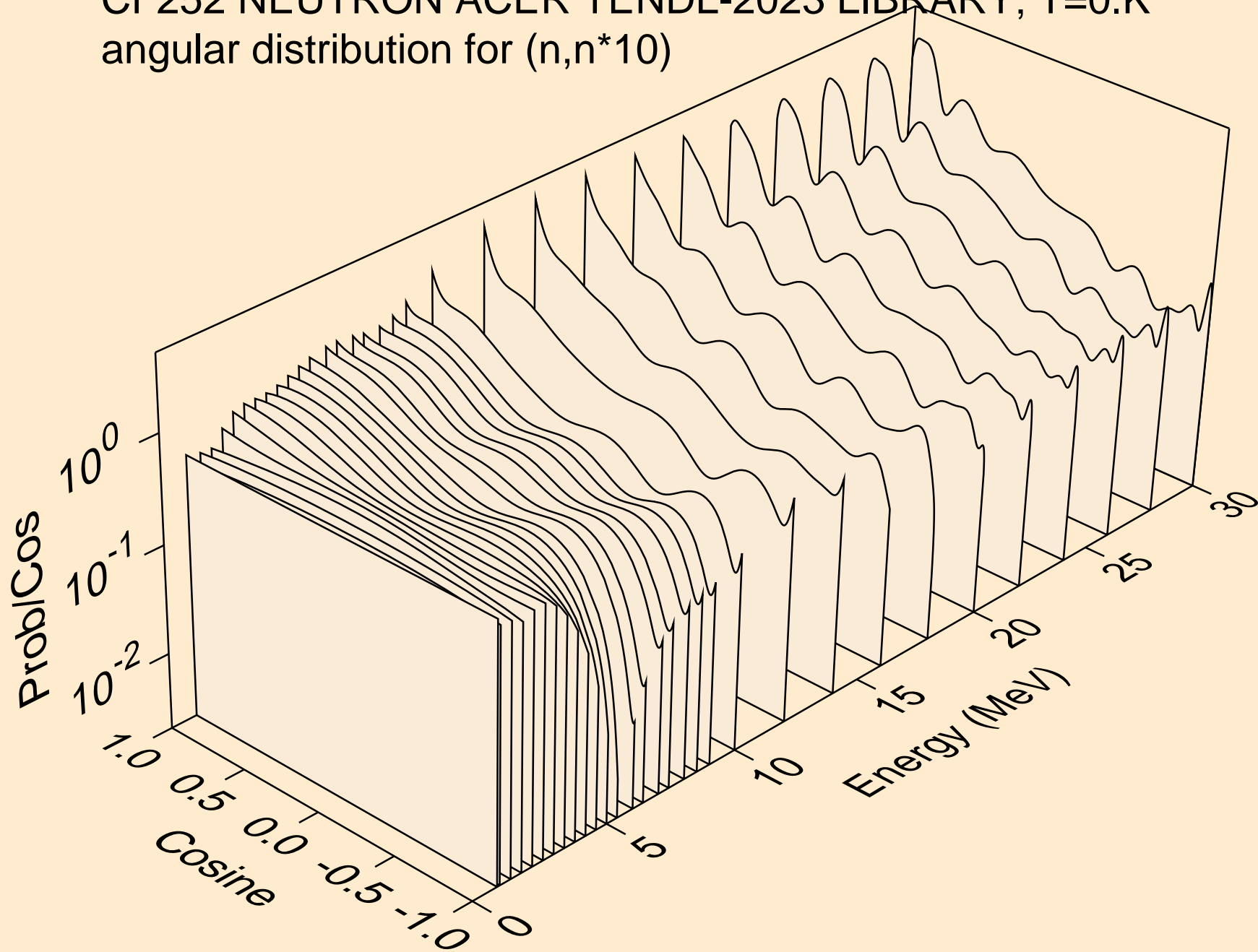


CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*9)

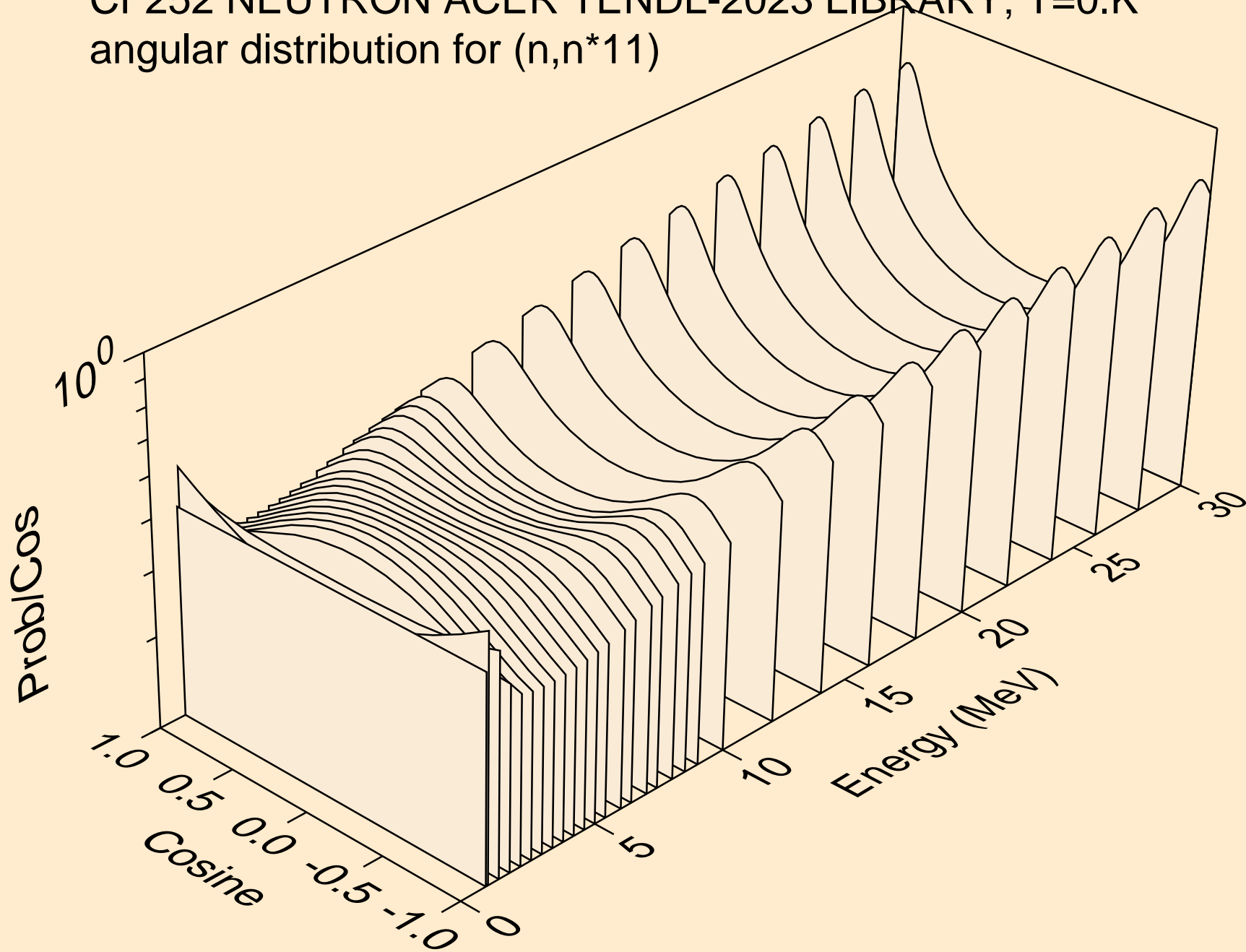




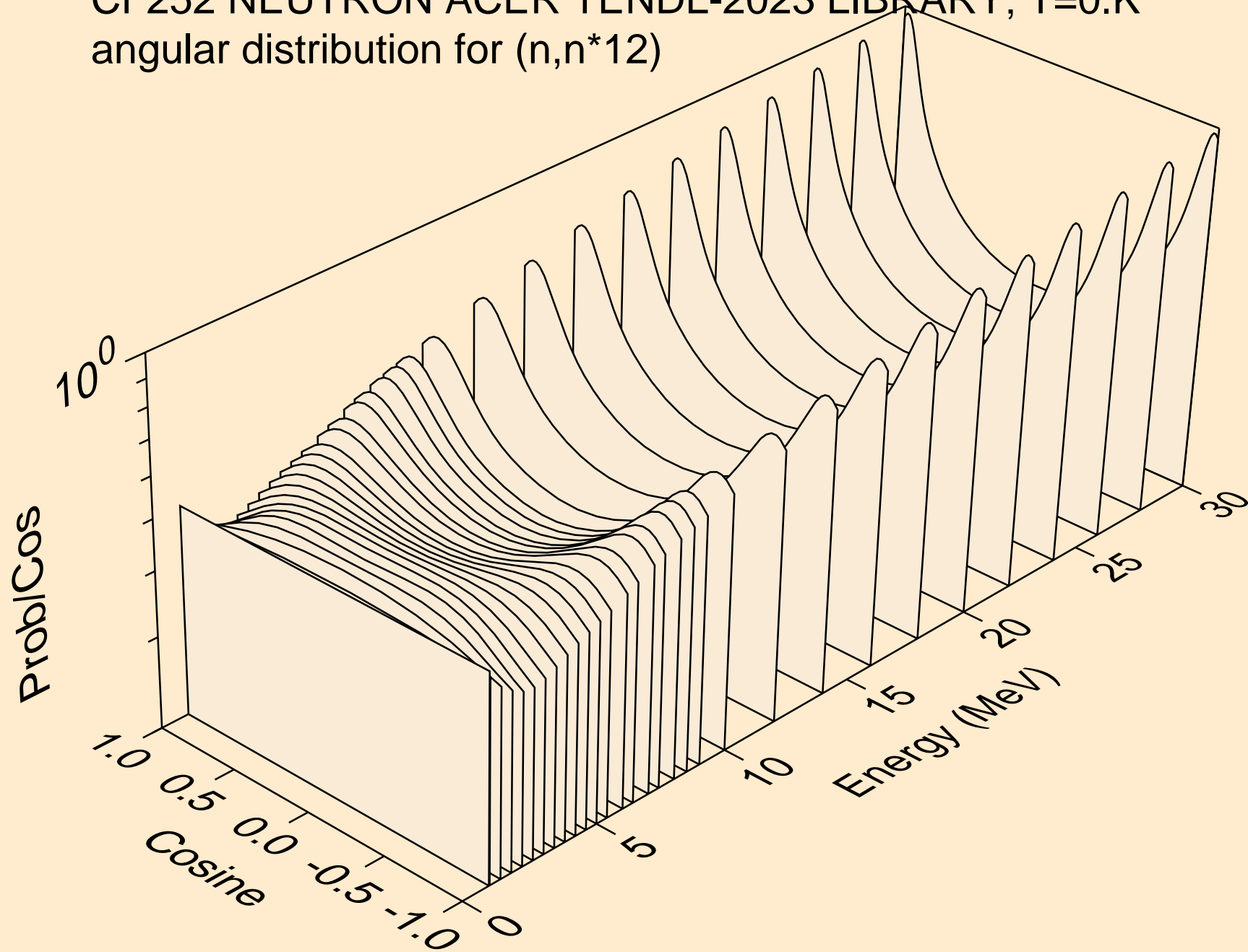
CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



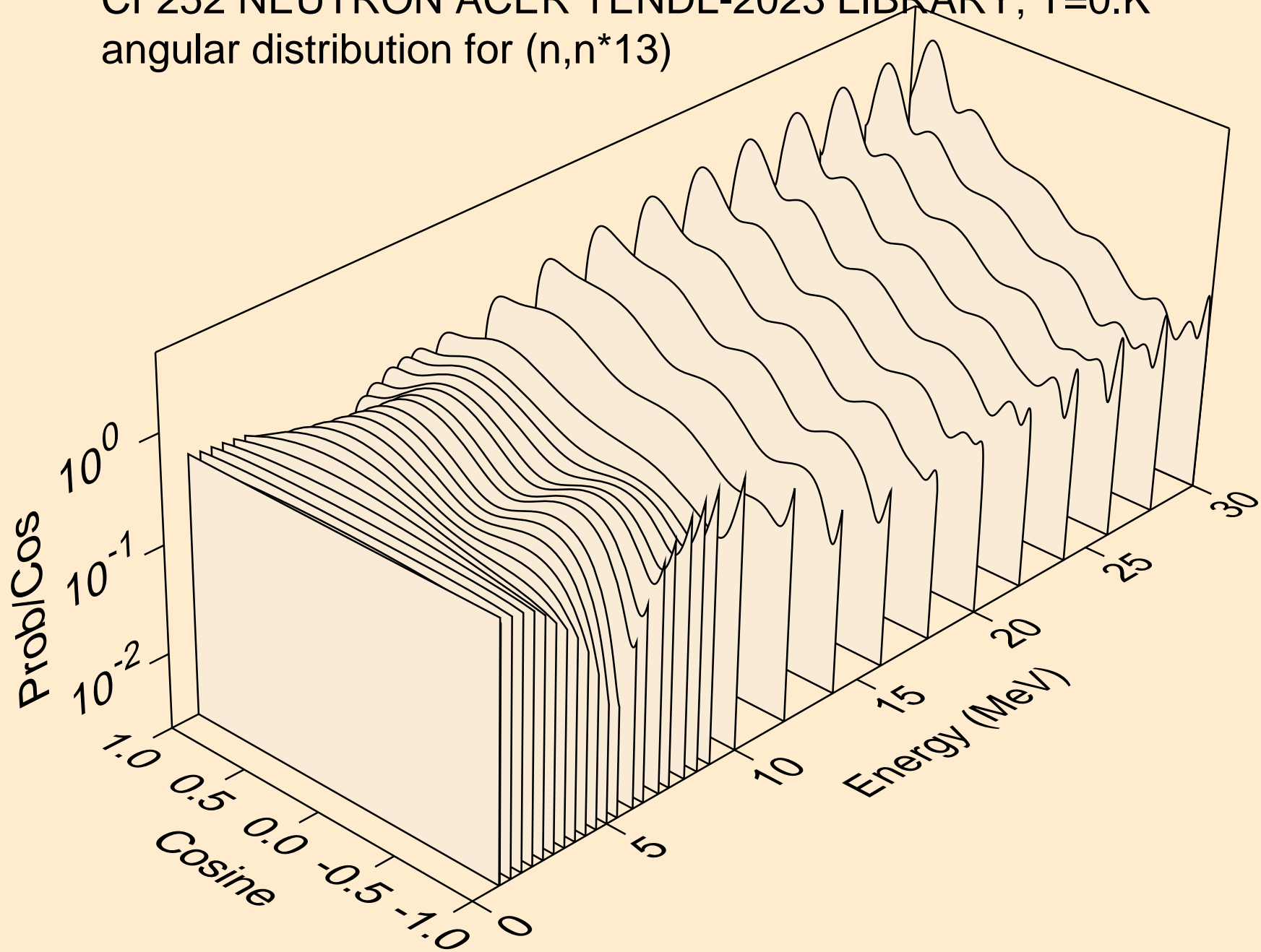
CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



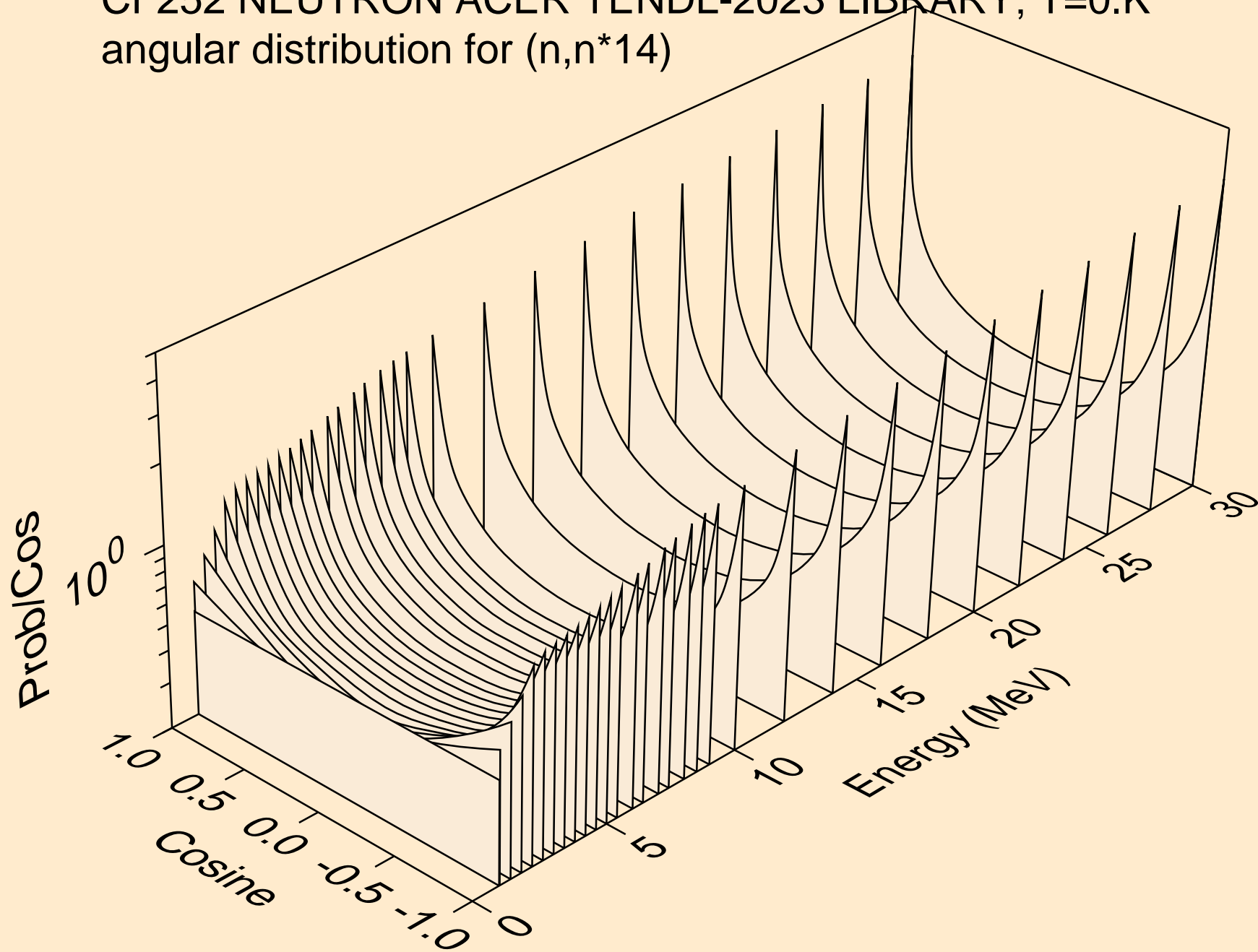
CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



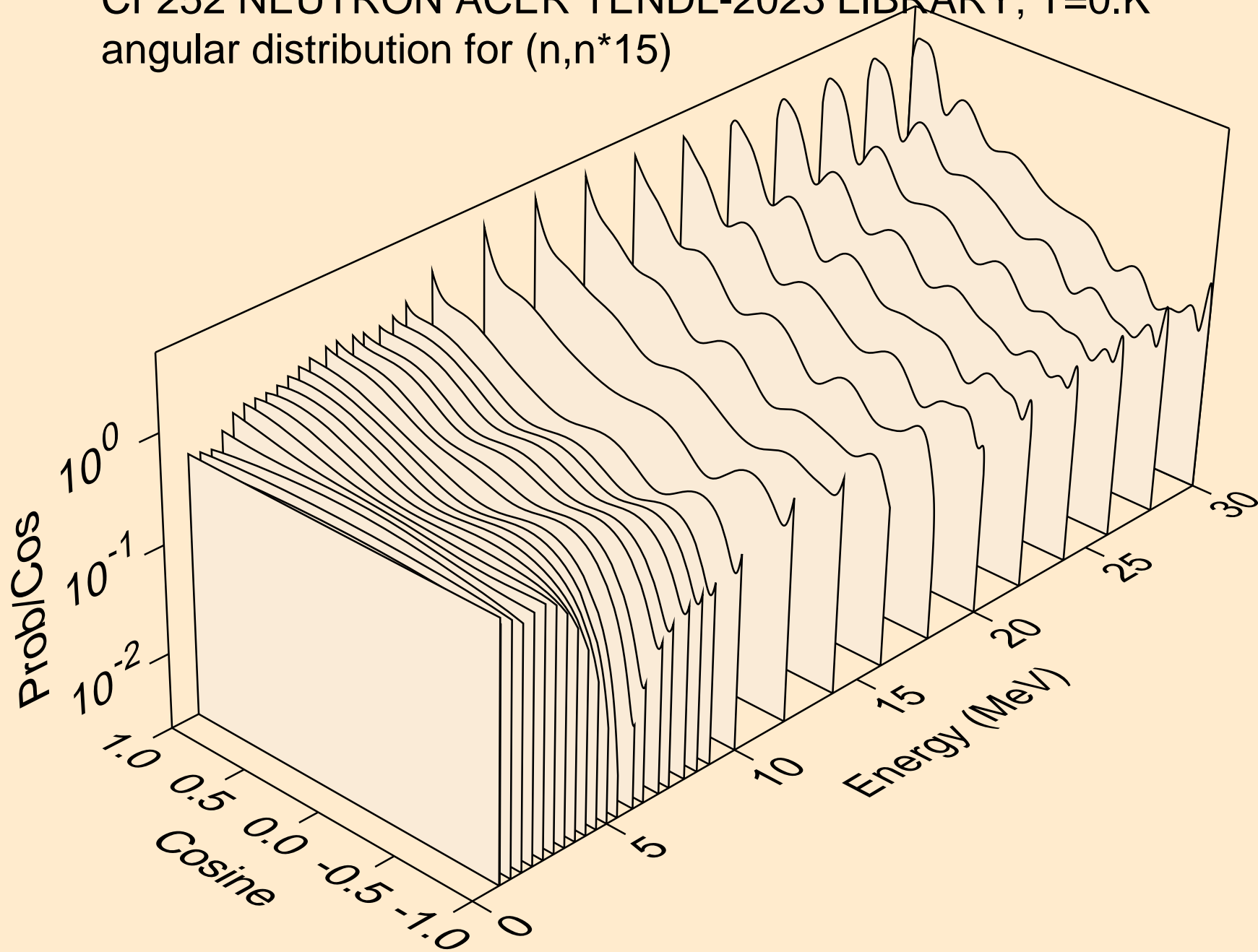
CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



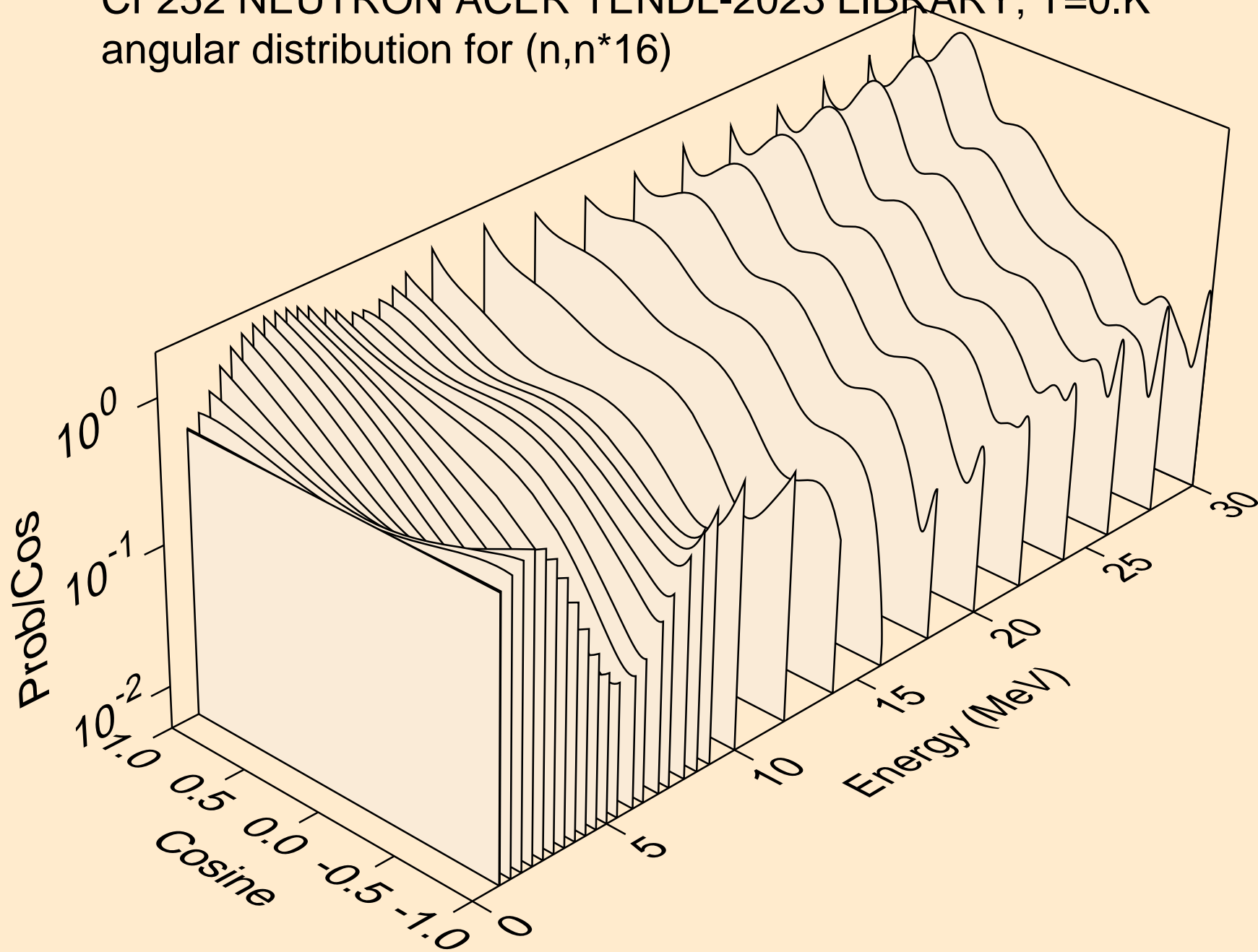
CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



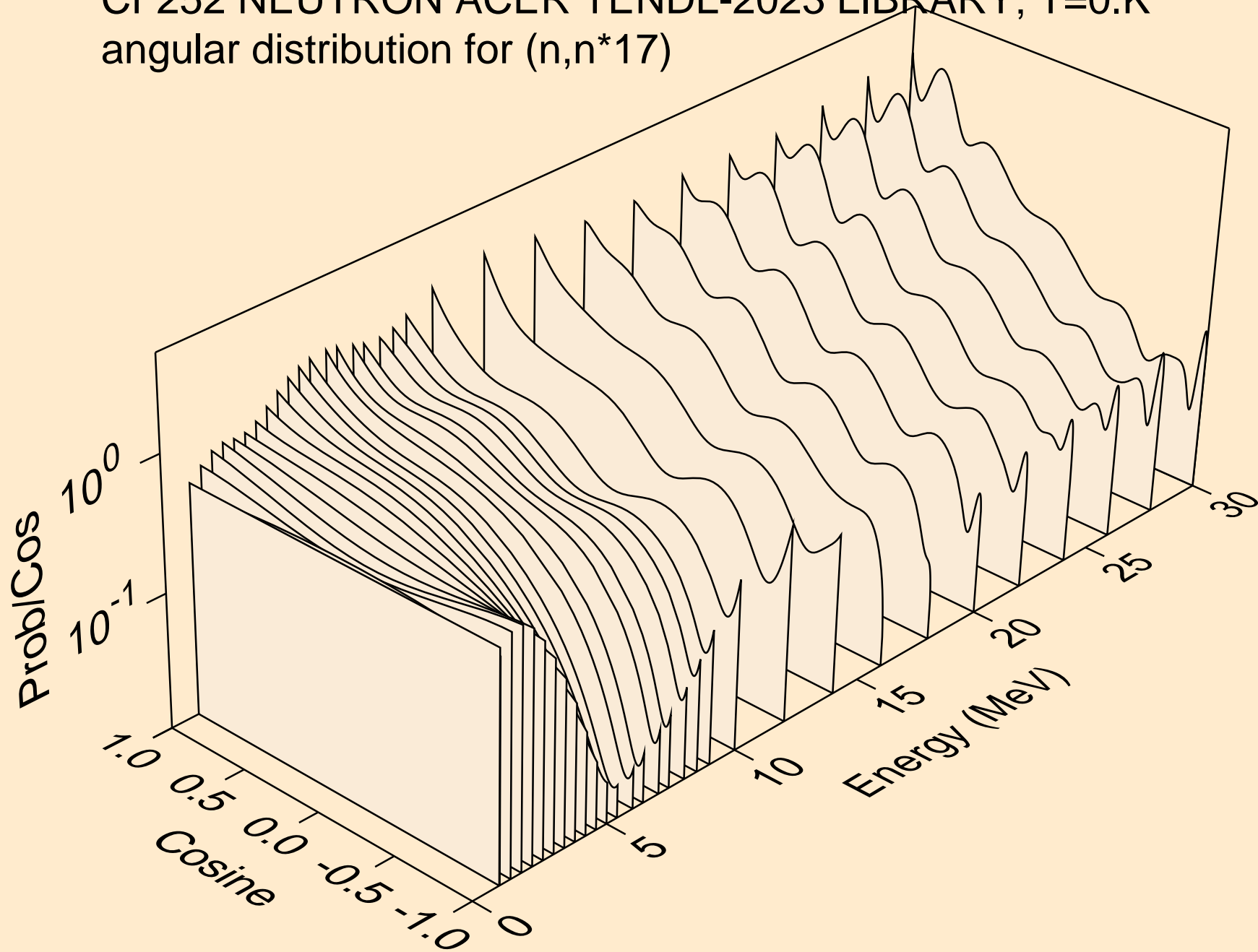
CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*16)

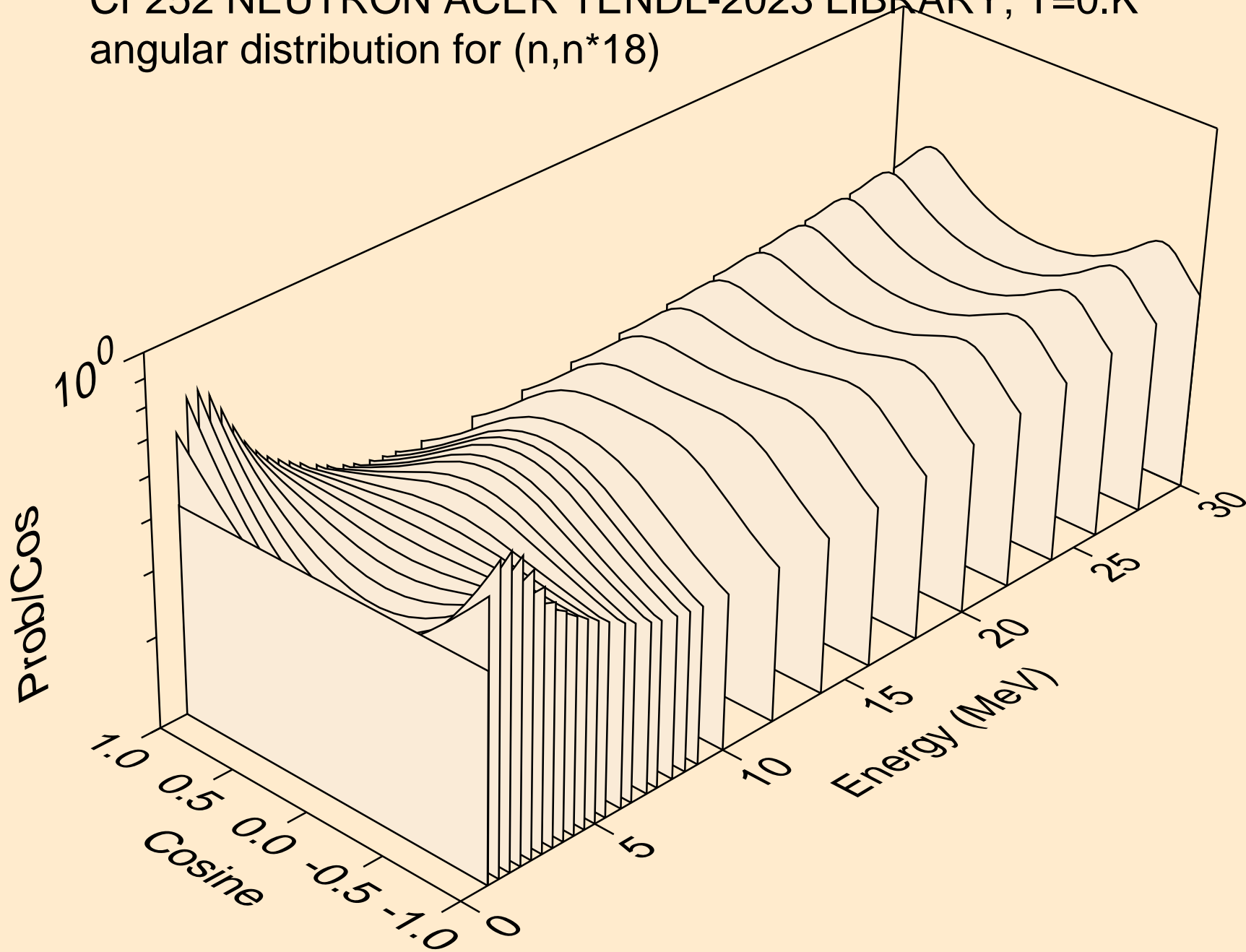


CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*17)

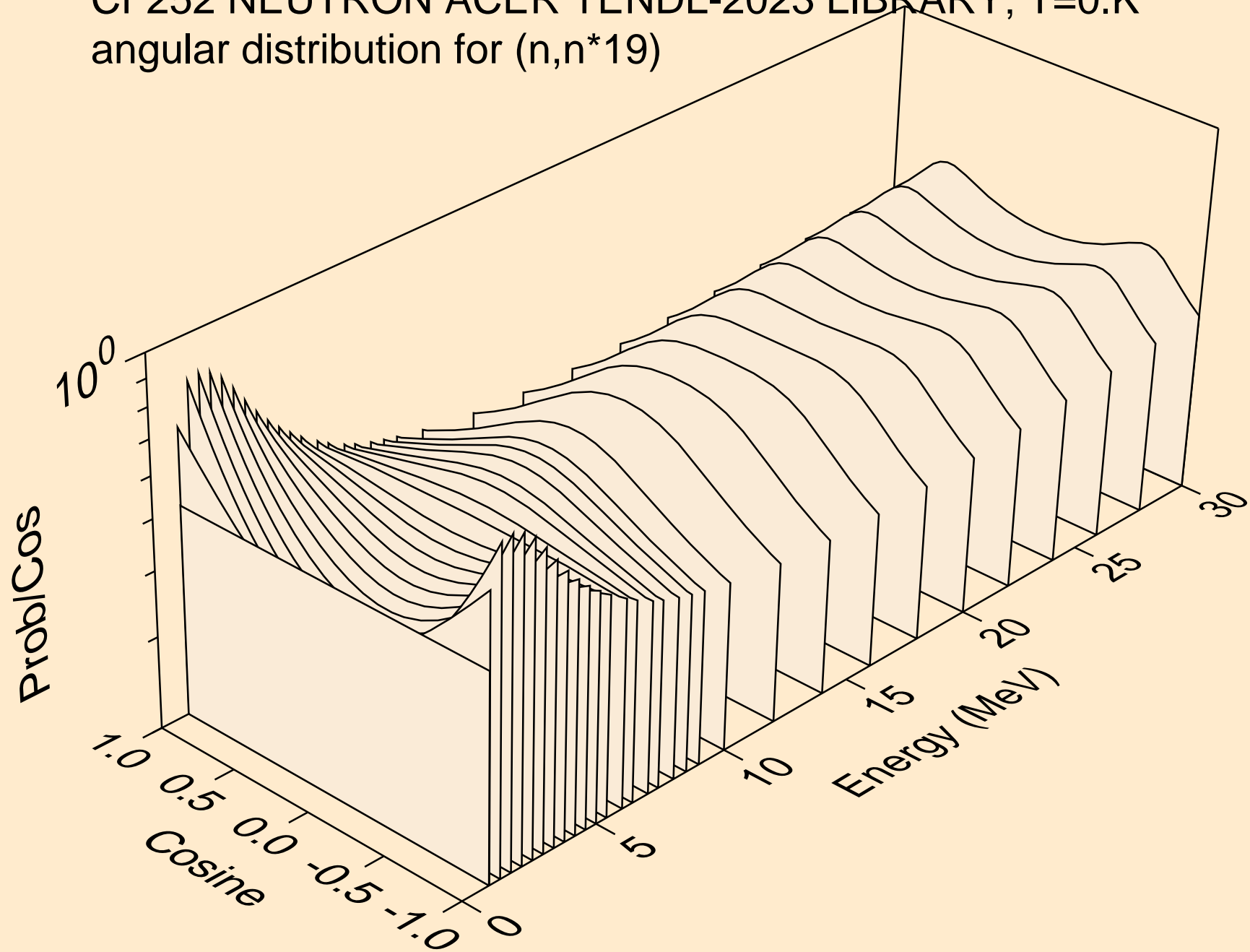




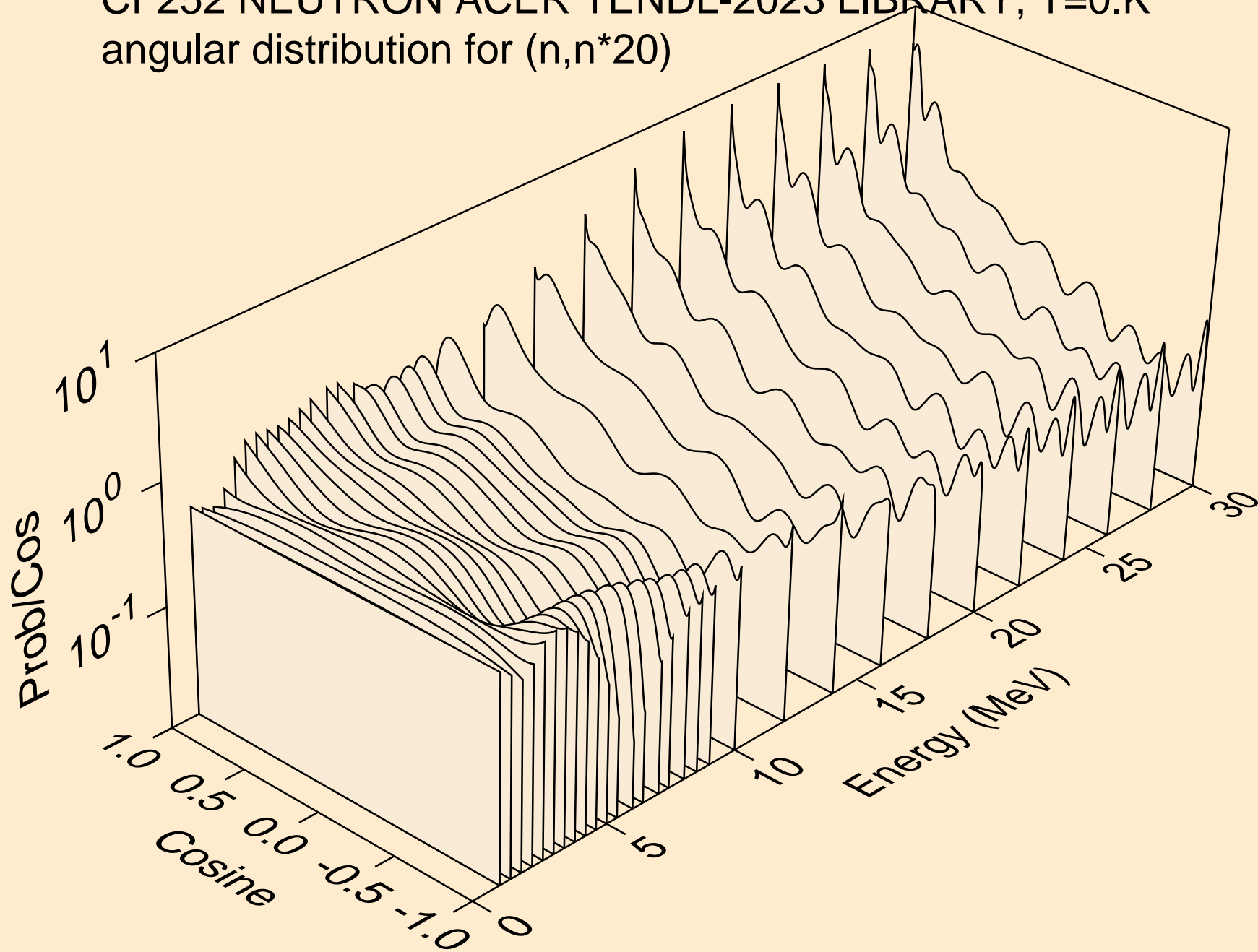
CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*18)



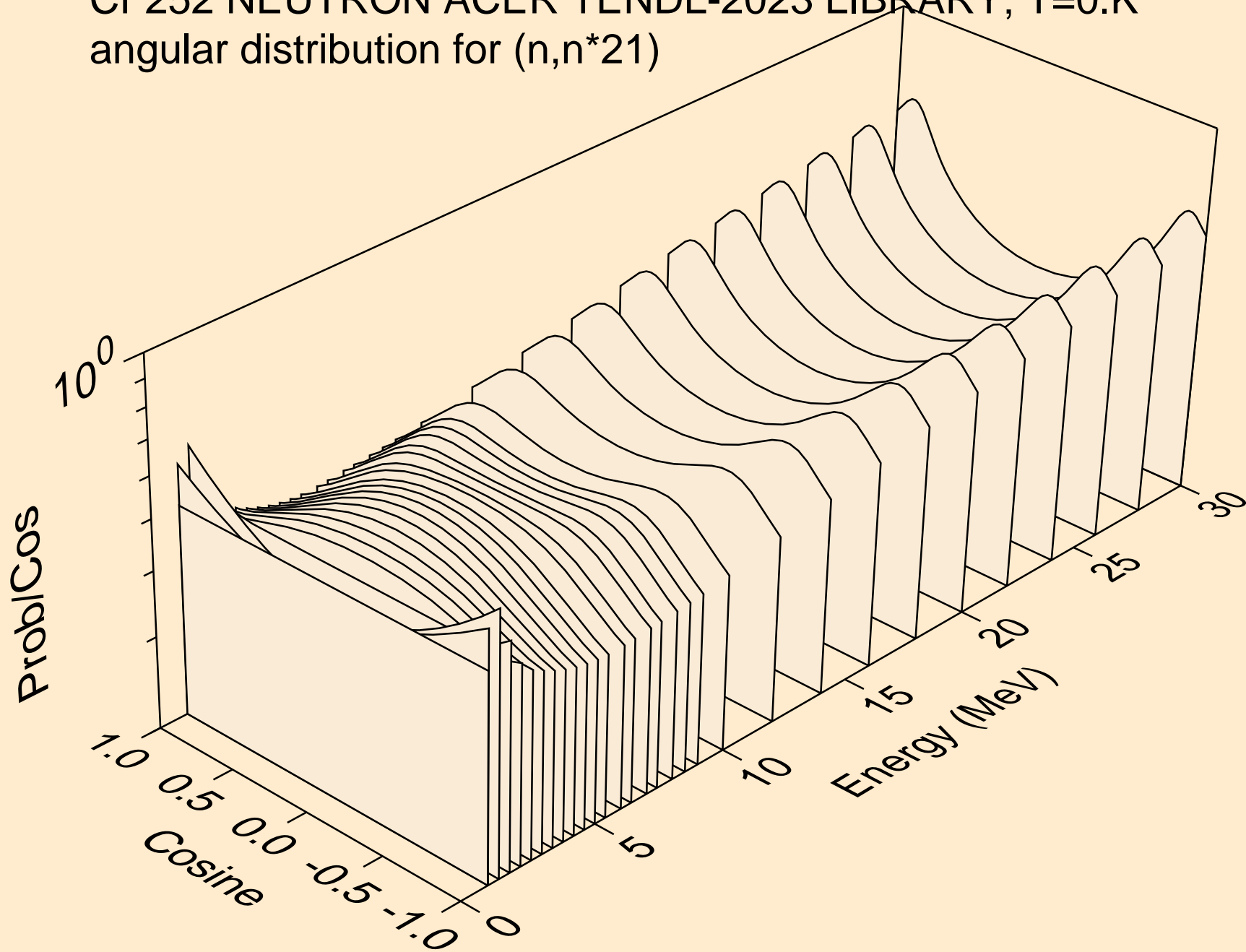
CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*19)



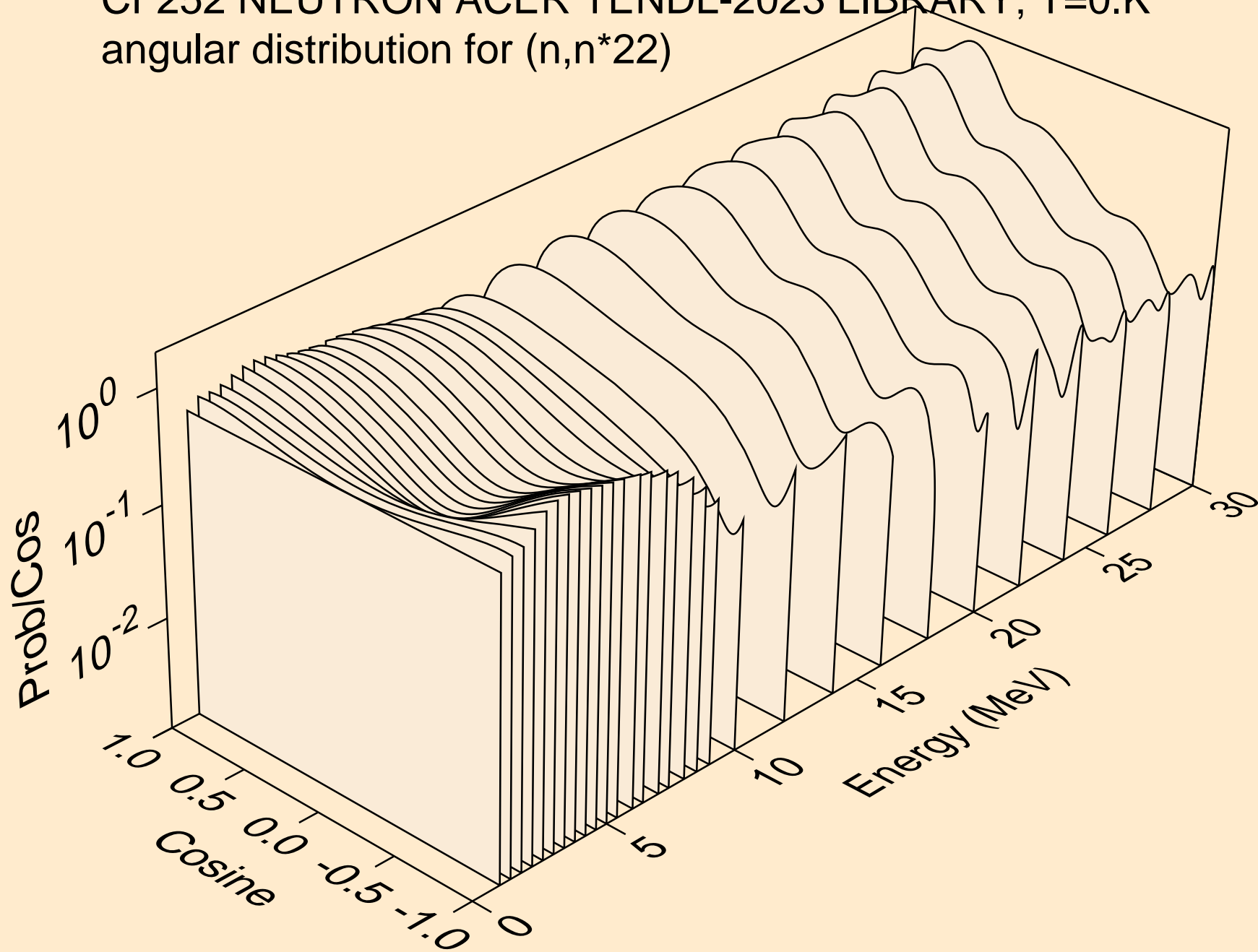
CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



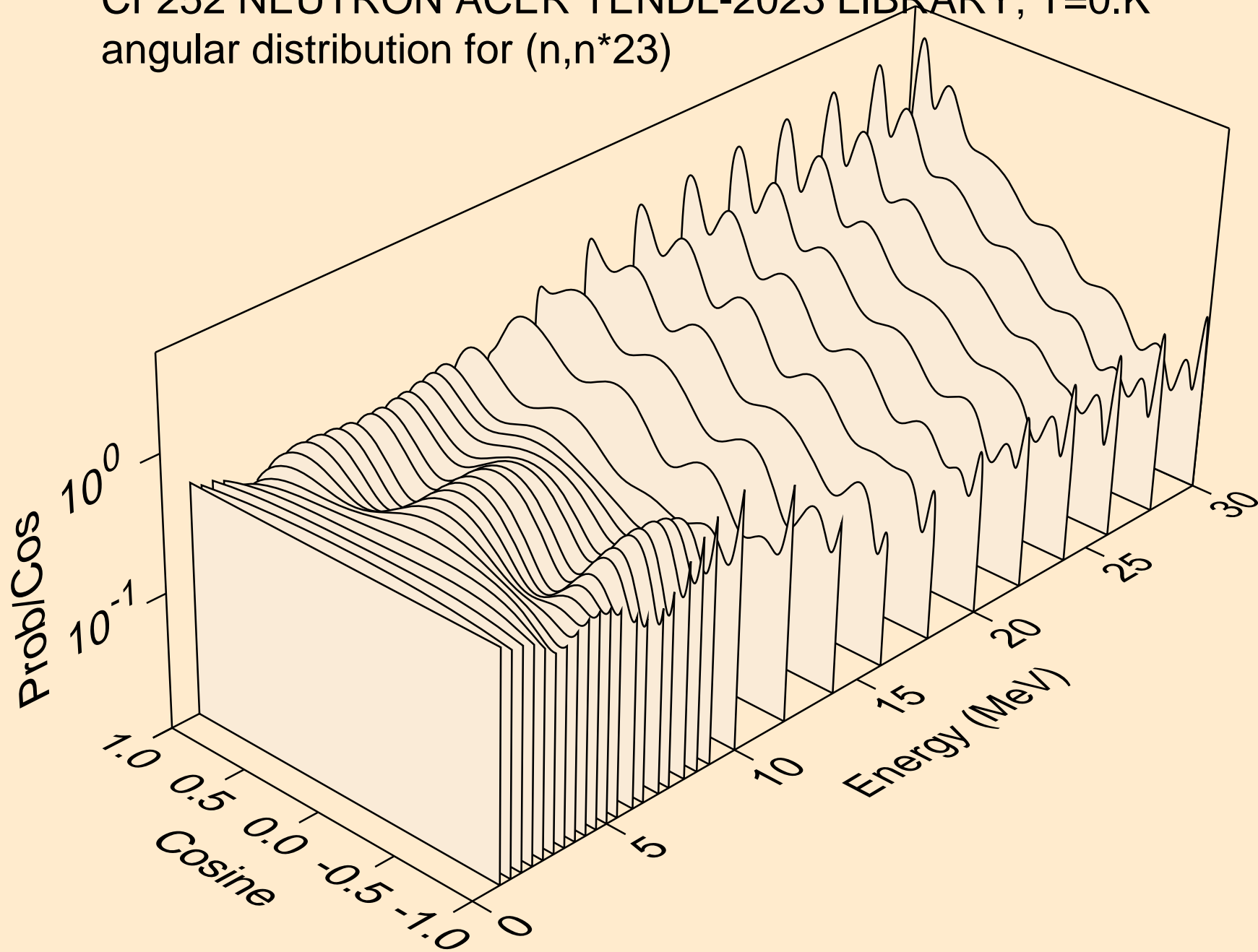
CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*21)



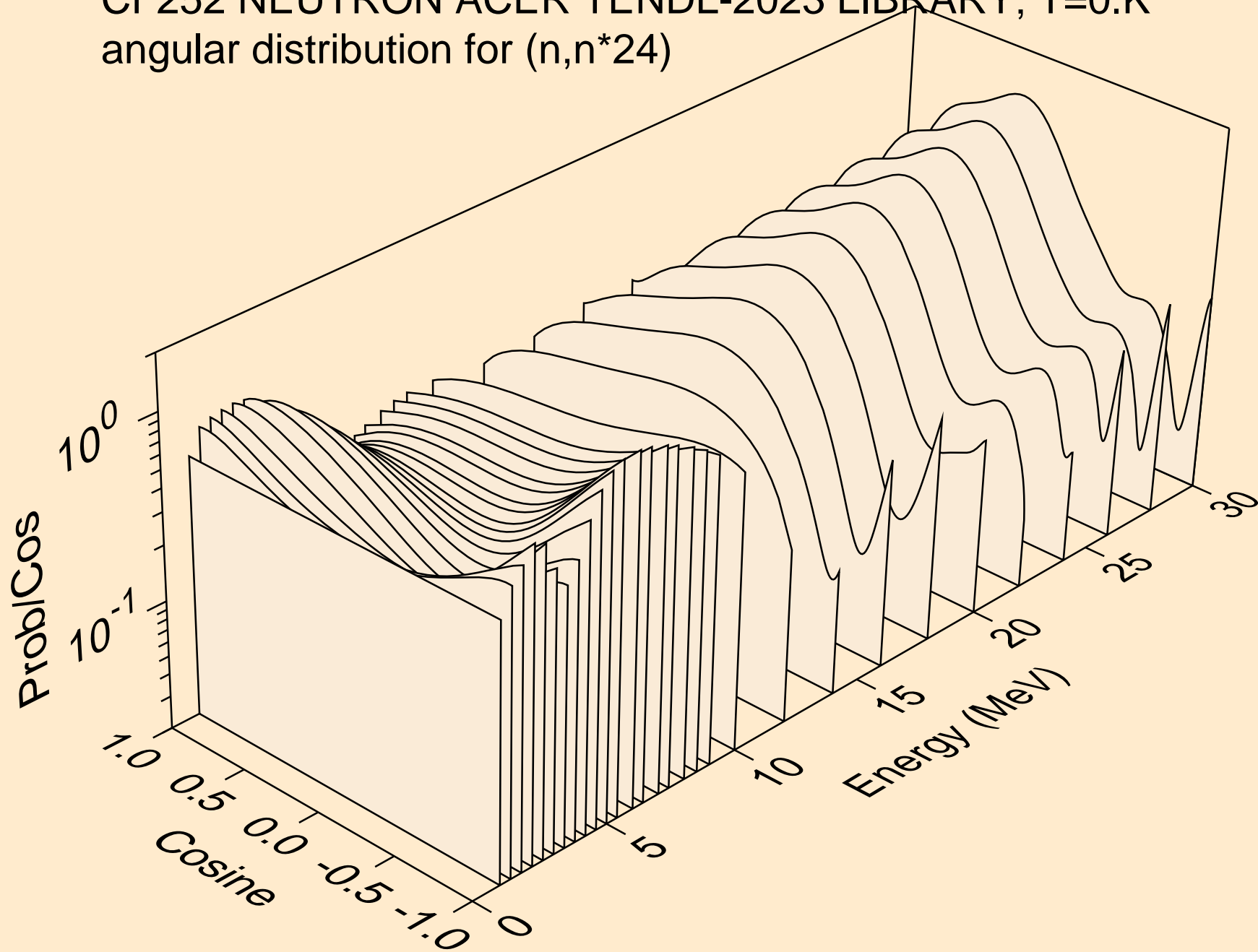
CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*22)



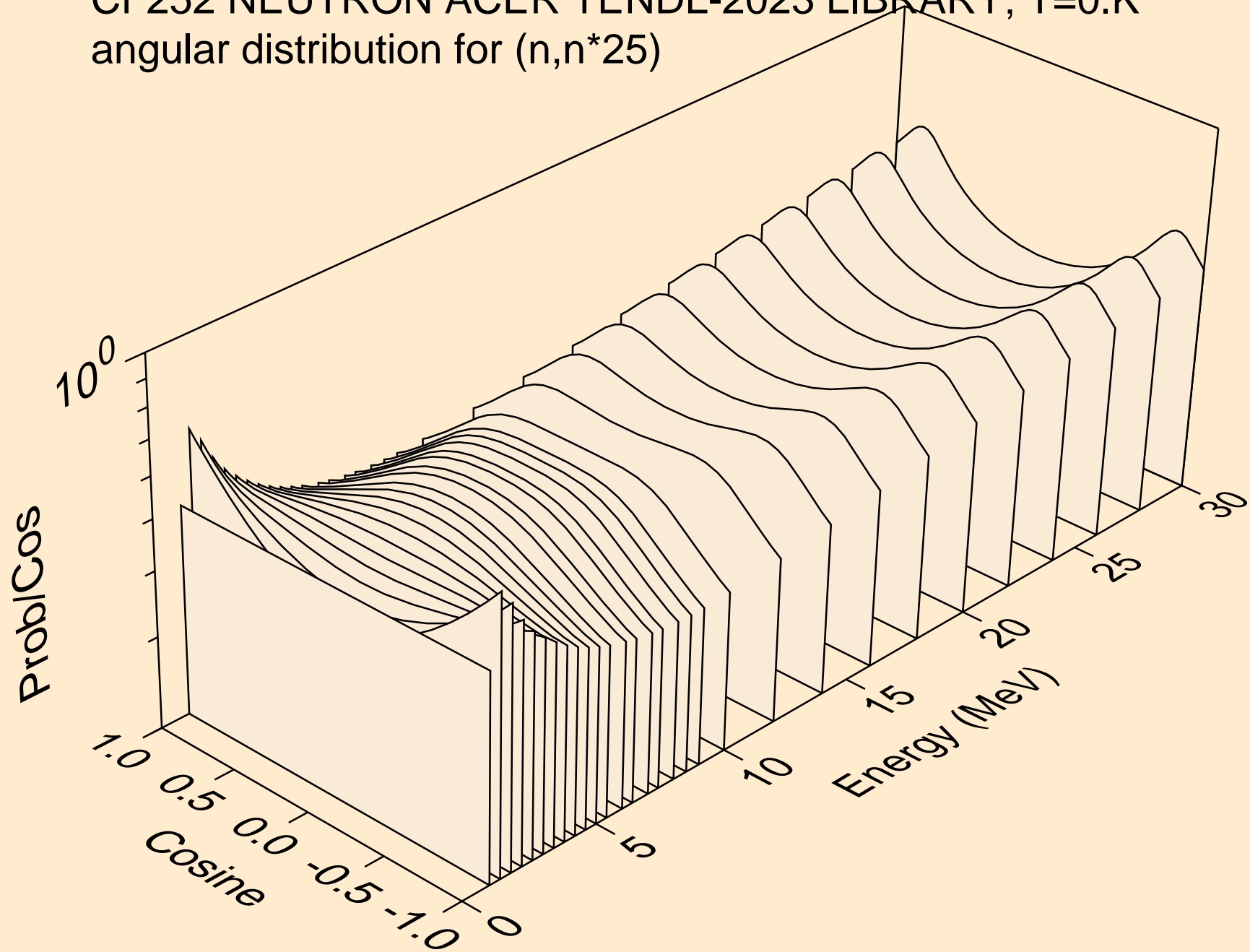
CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*23)



CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*24)

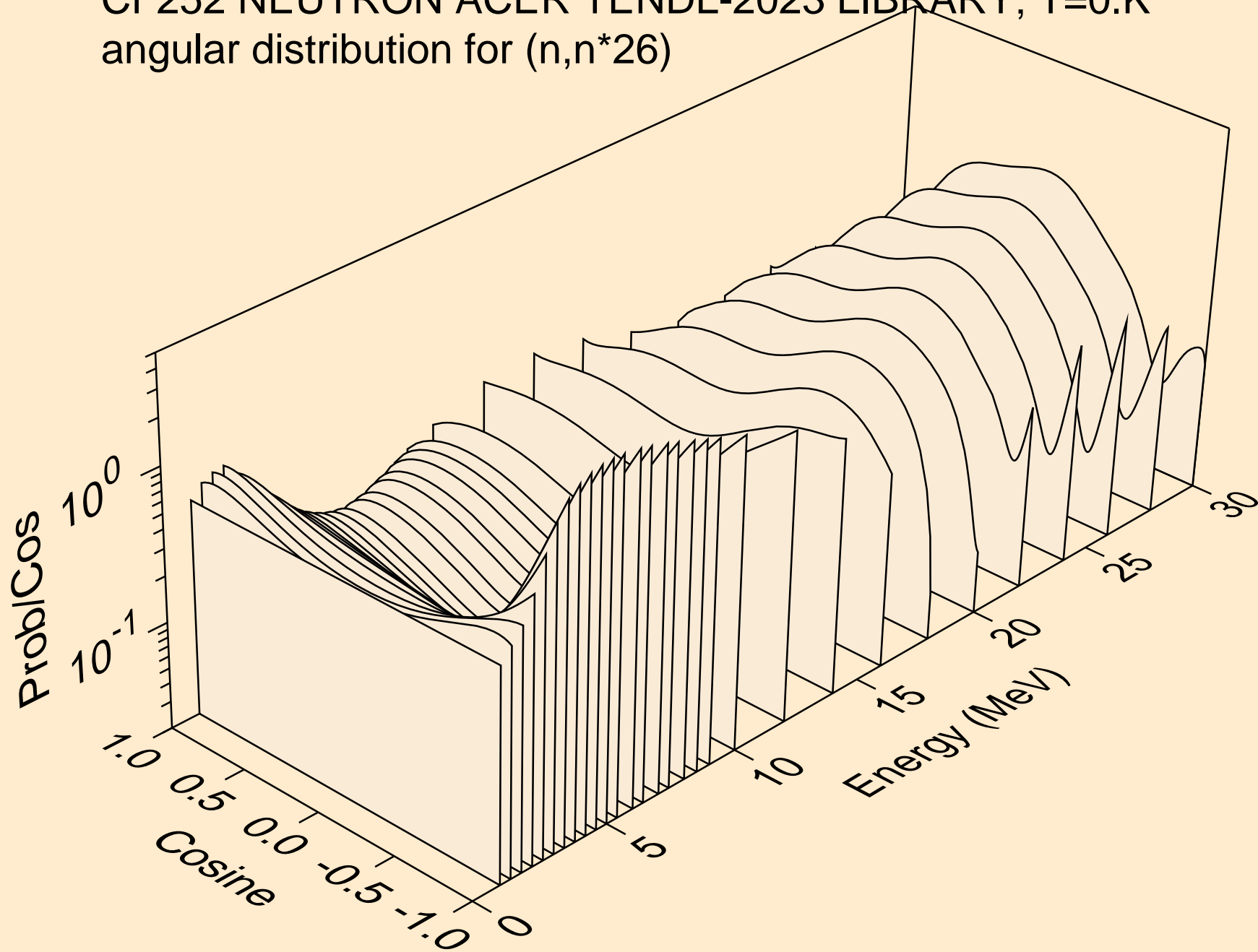


CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*25)

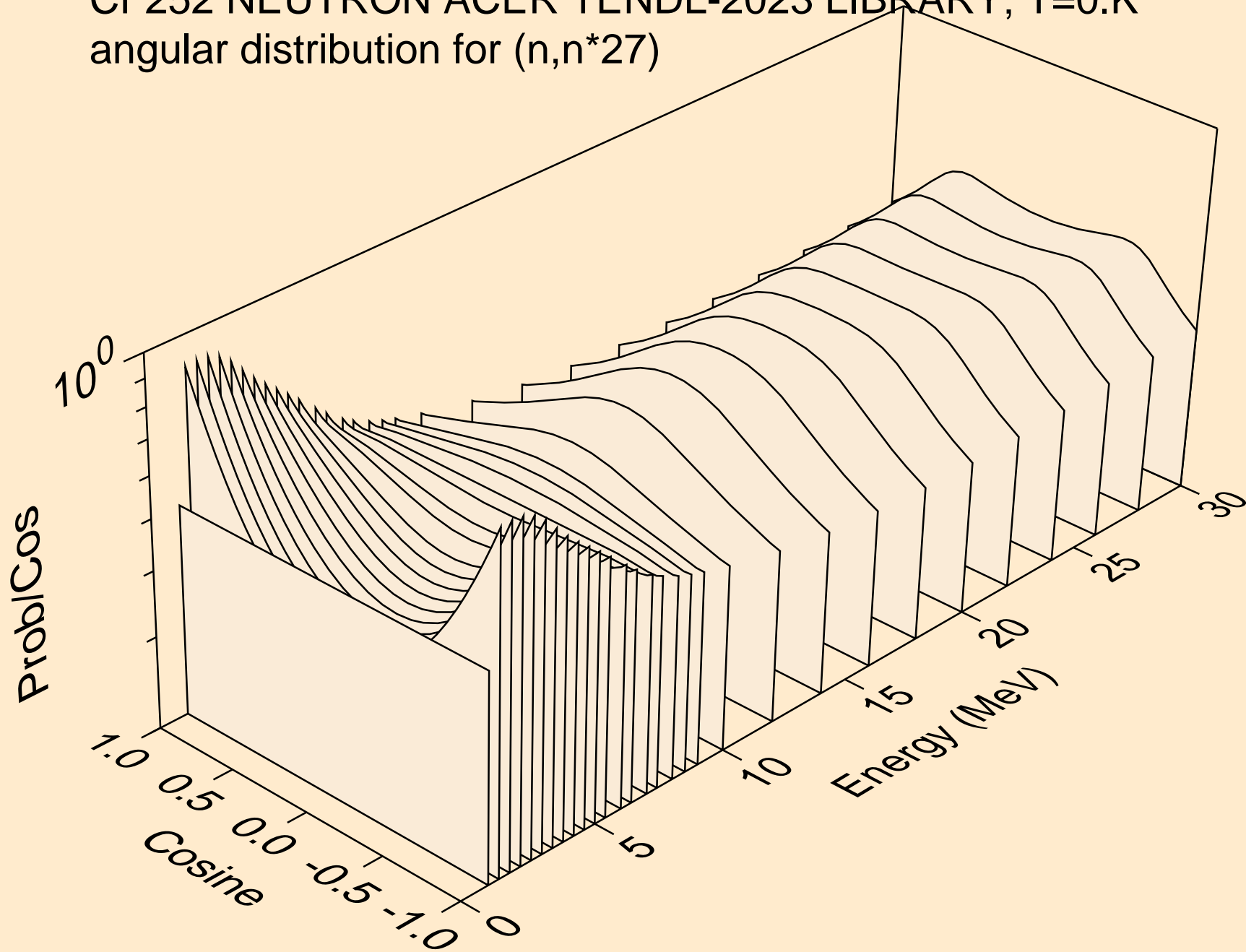




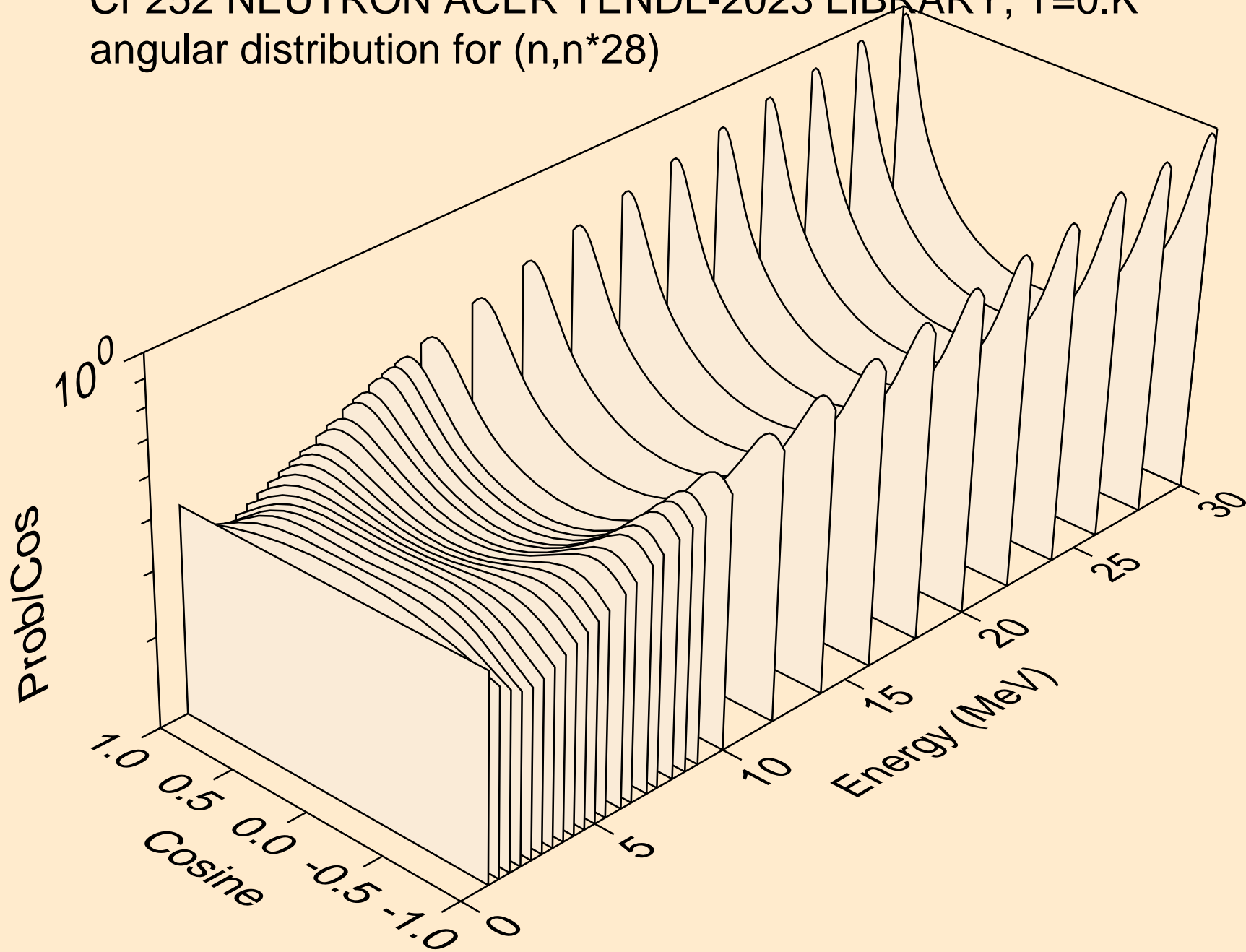
CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*26)



CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*27)

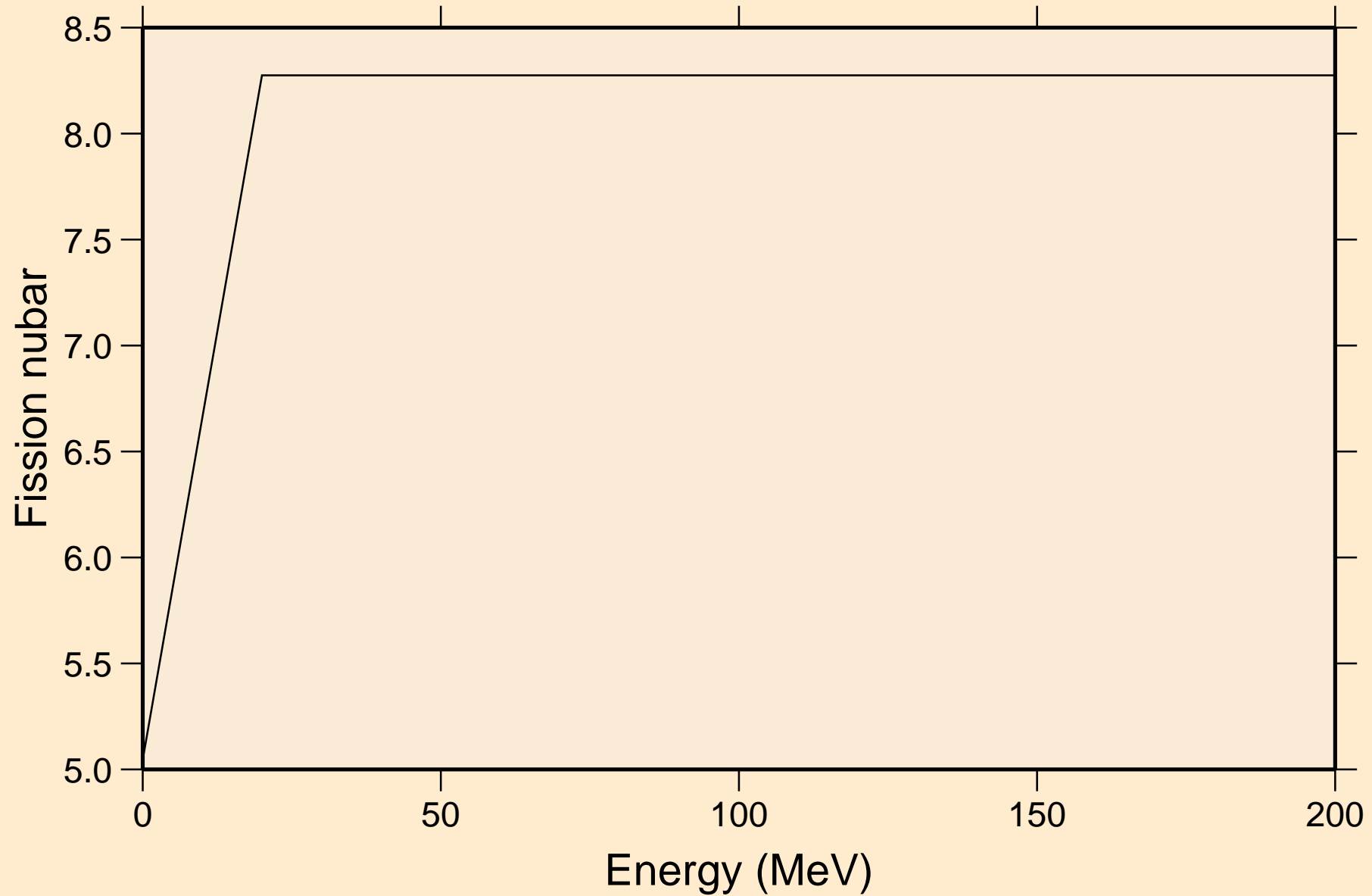


CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*28)

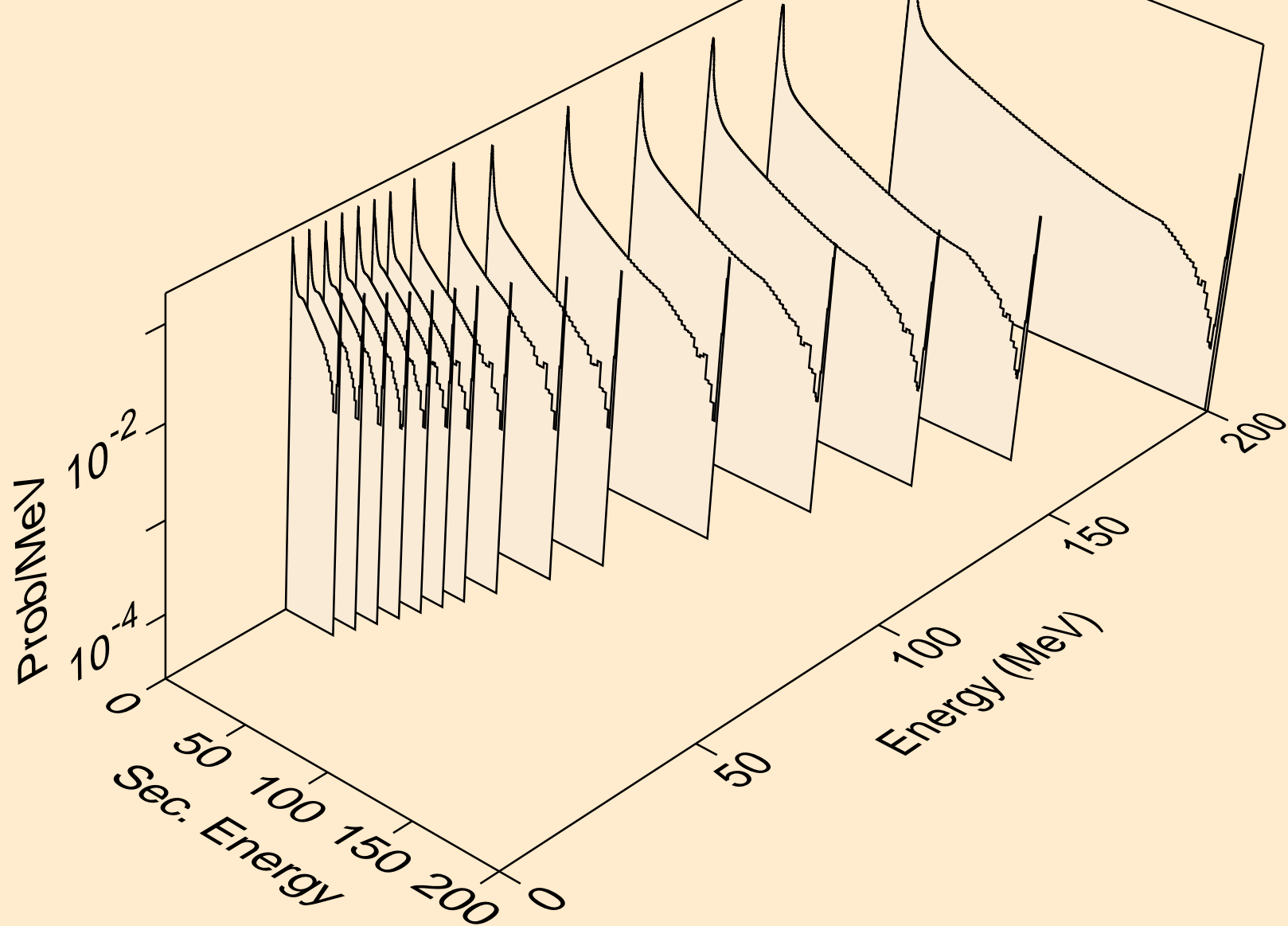


# CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

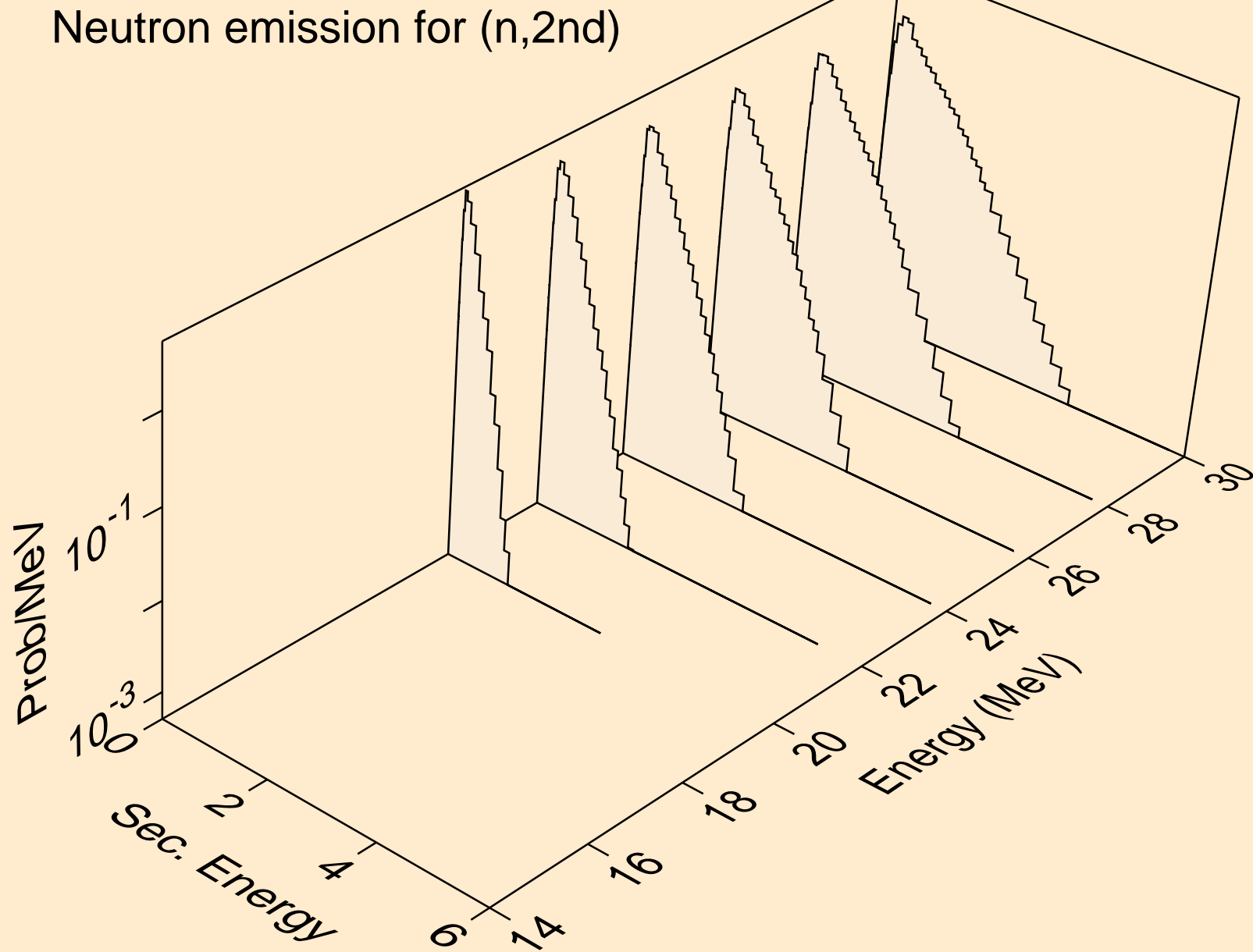
Total fission nubar



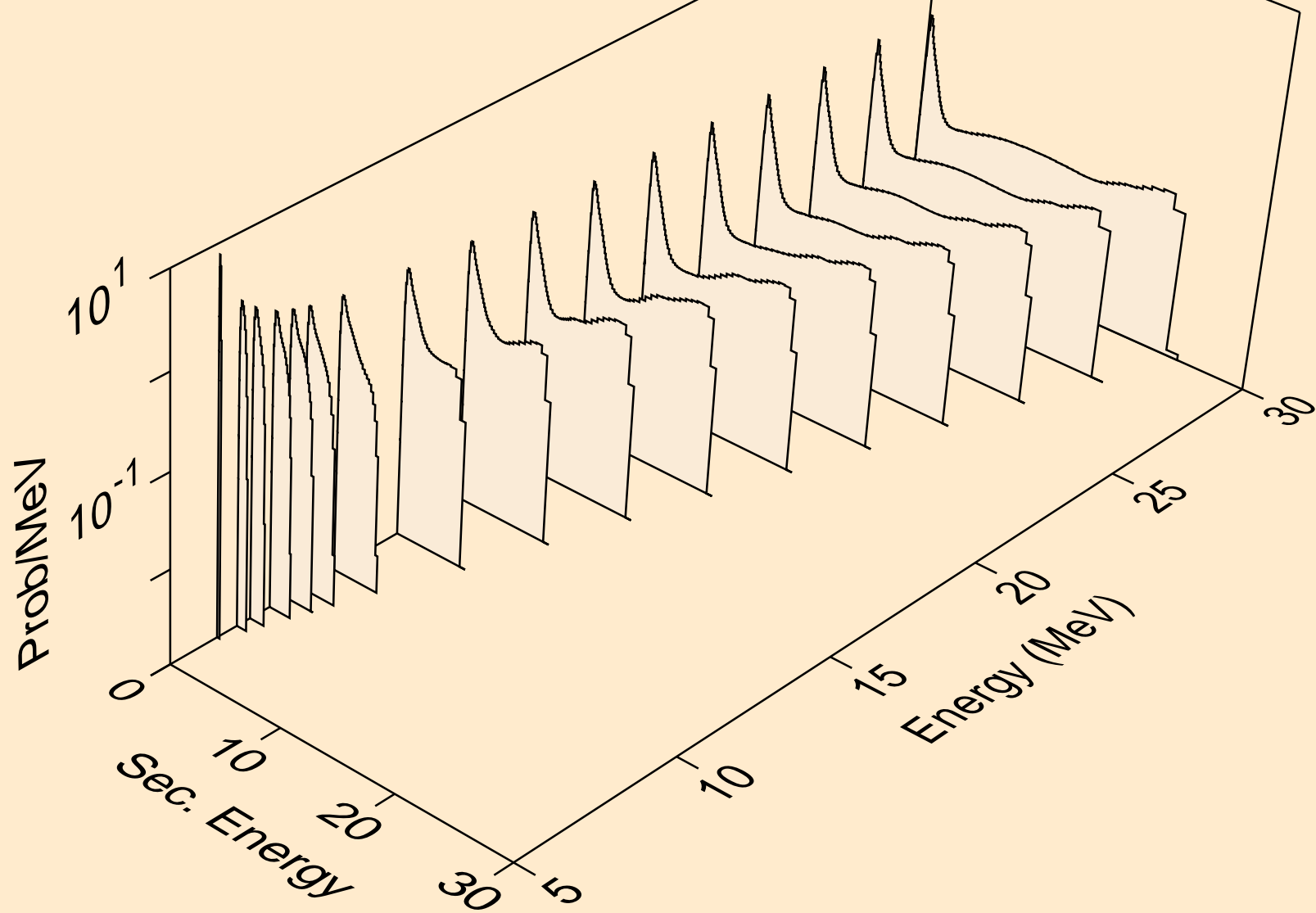
CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



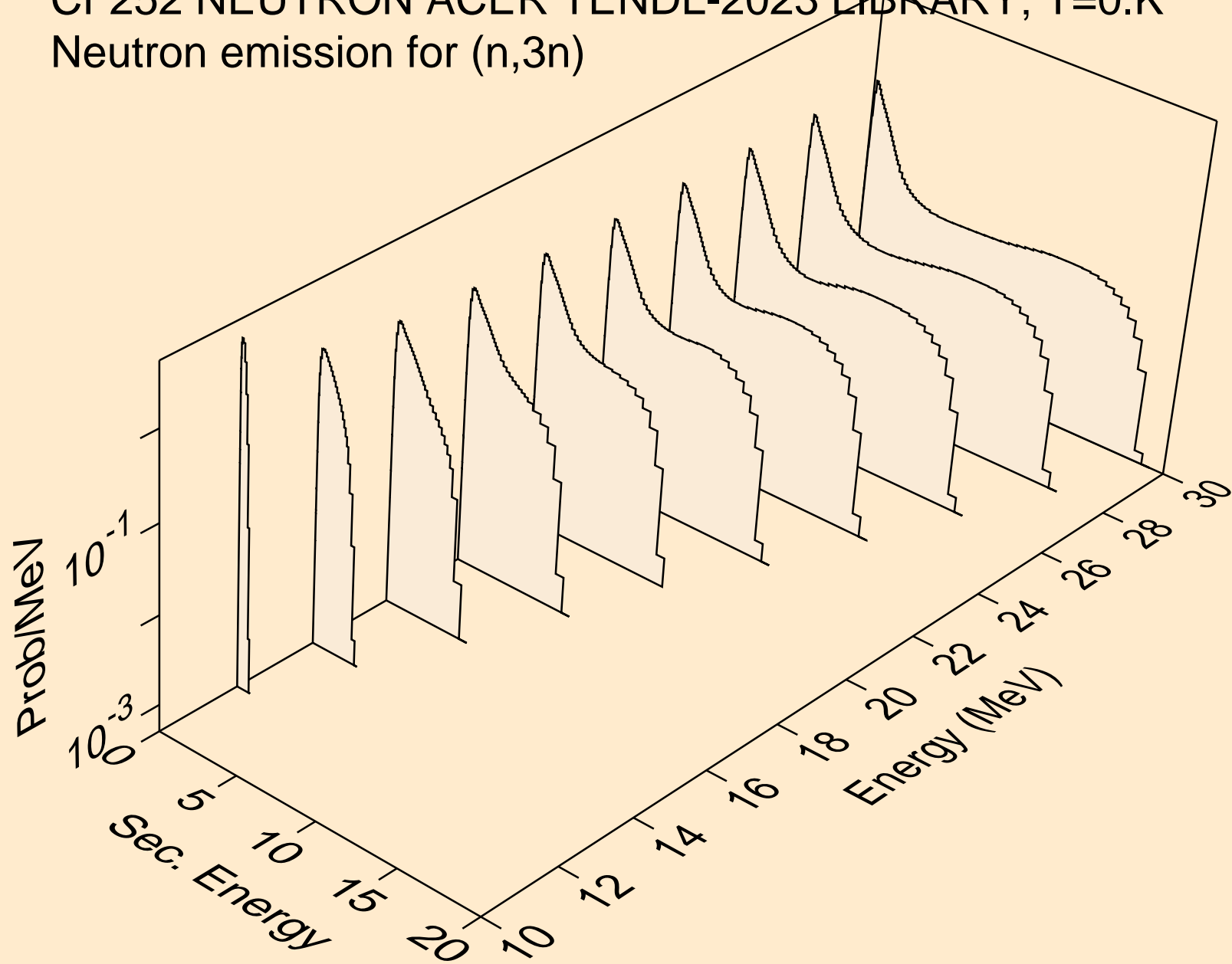
CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)

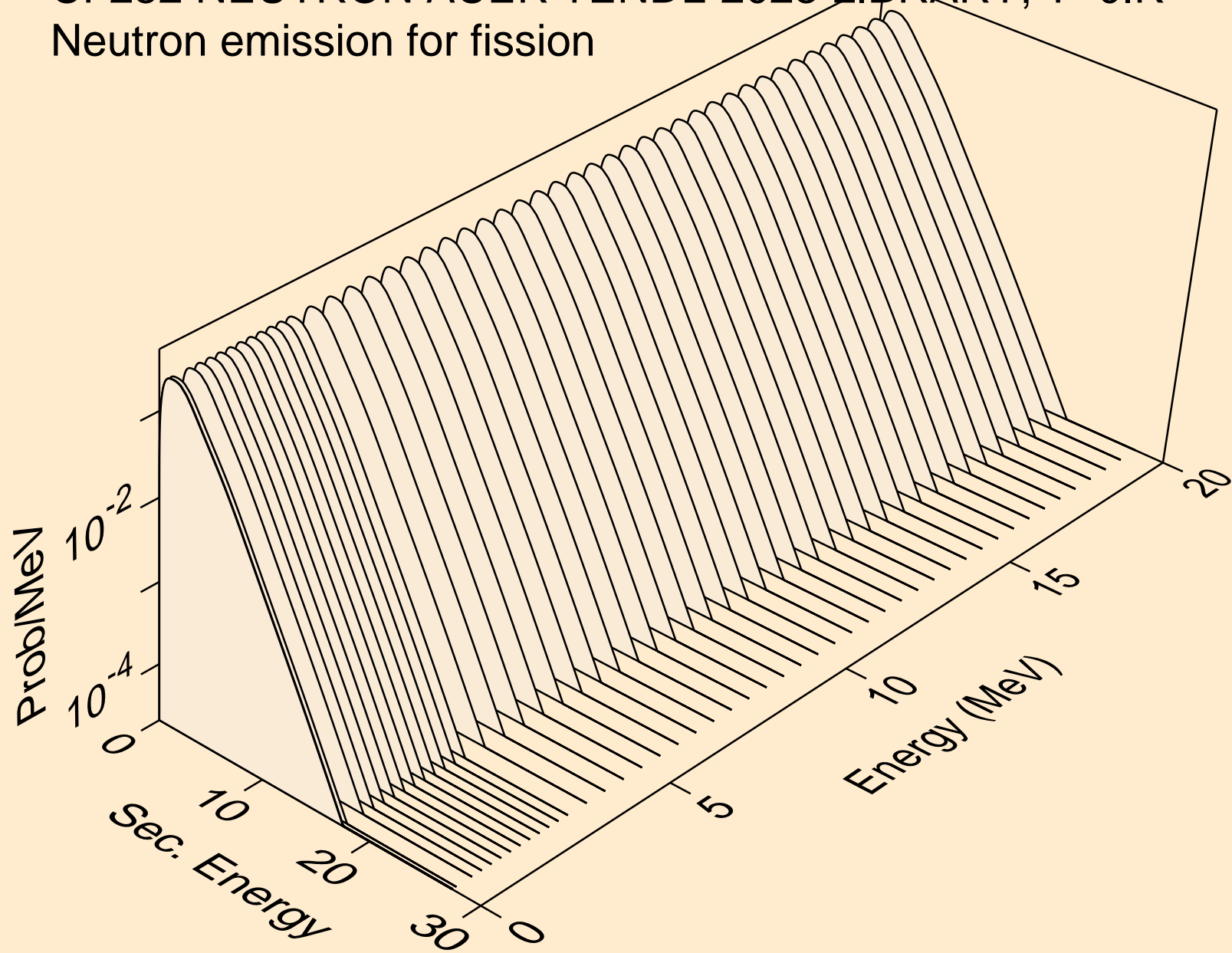


CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)

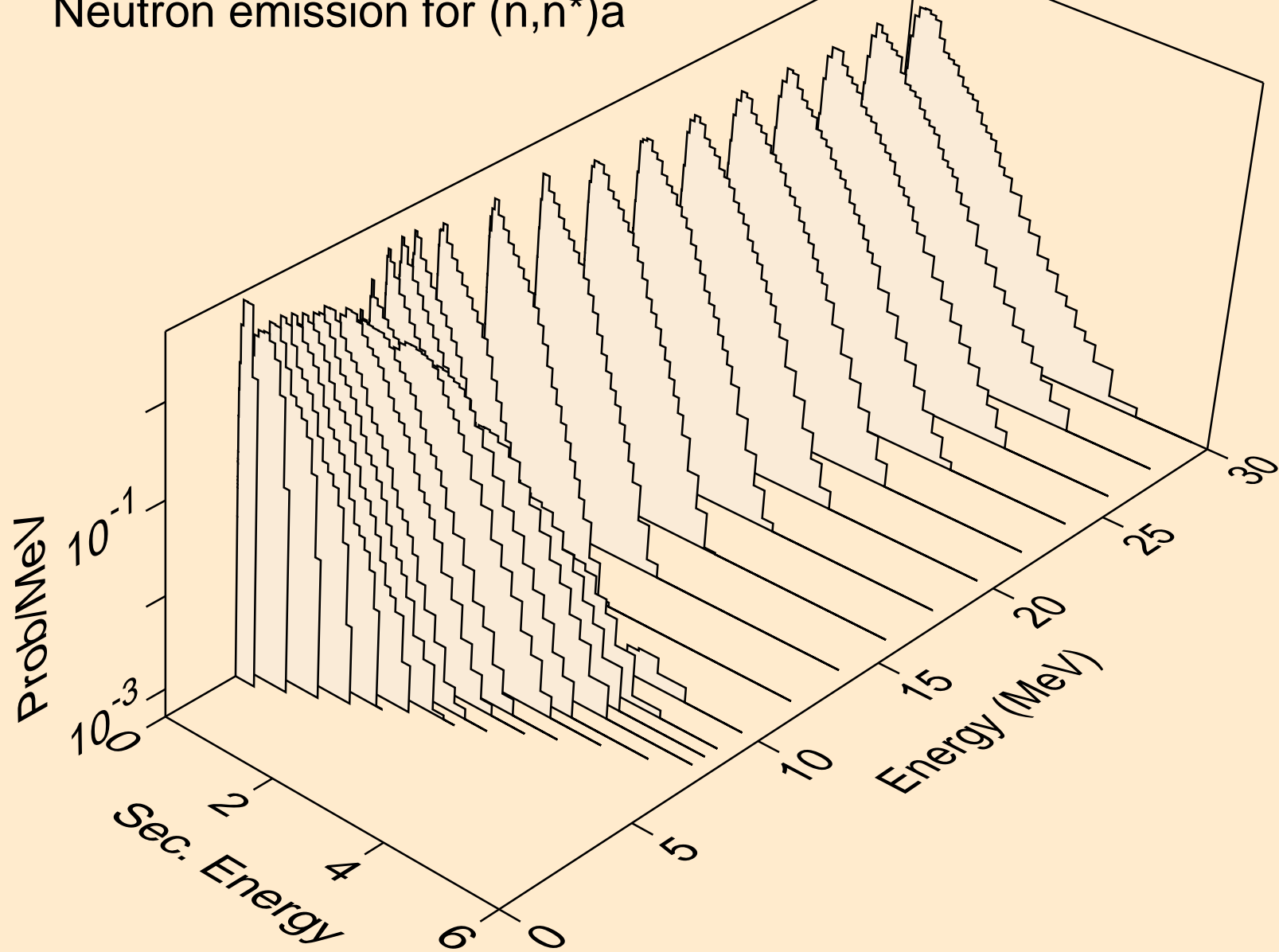




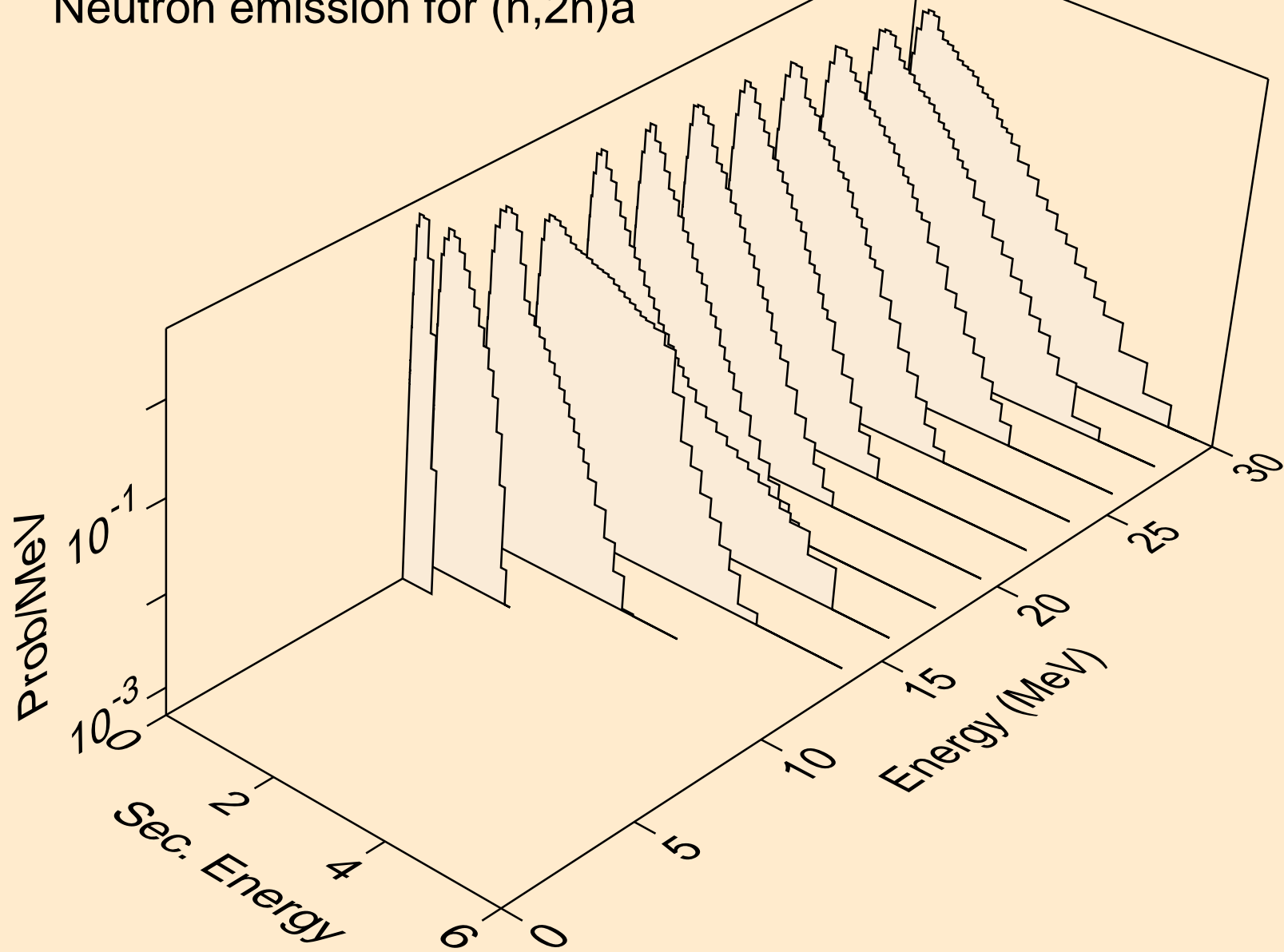
CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for fission



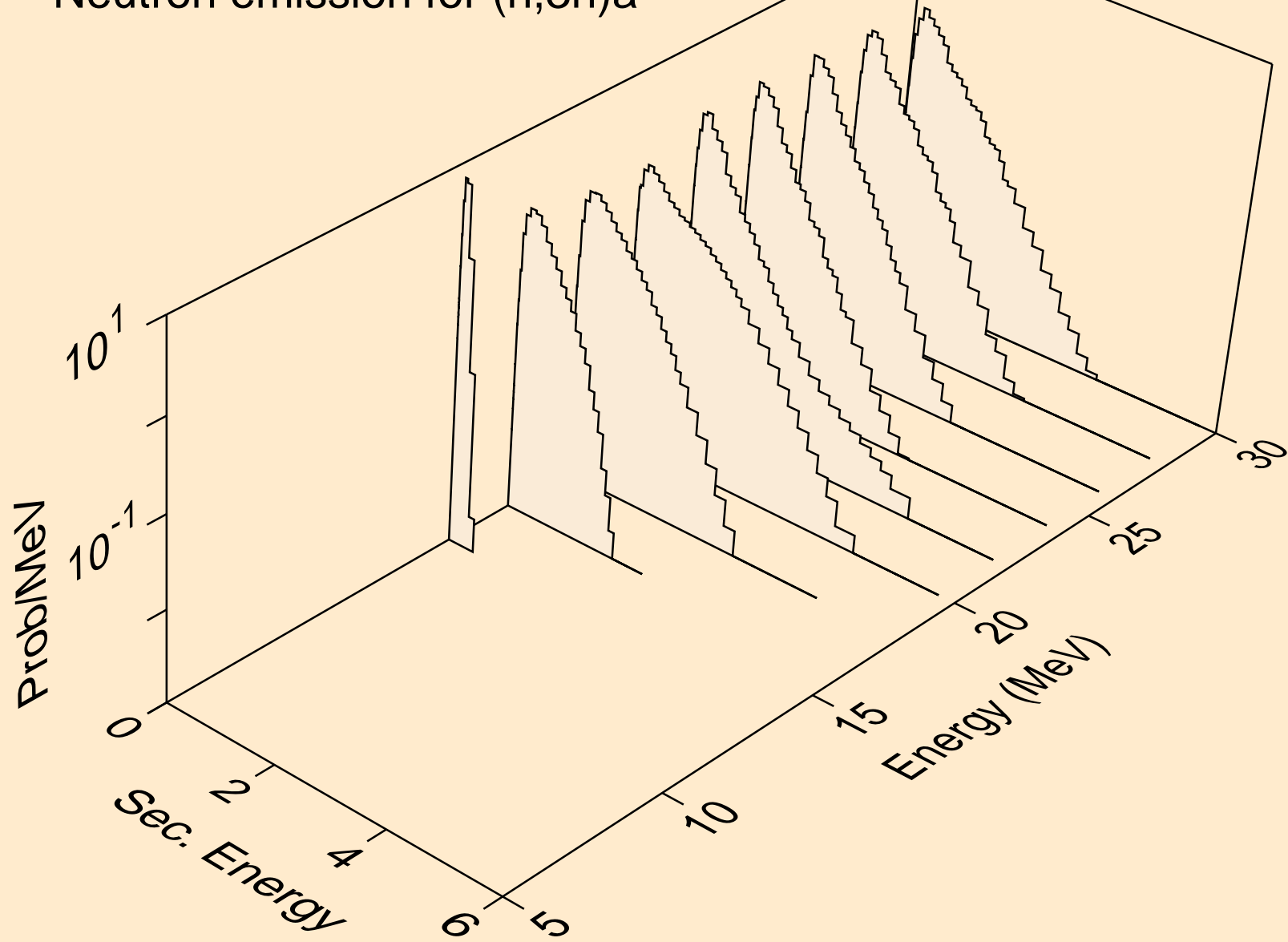
CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



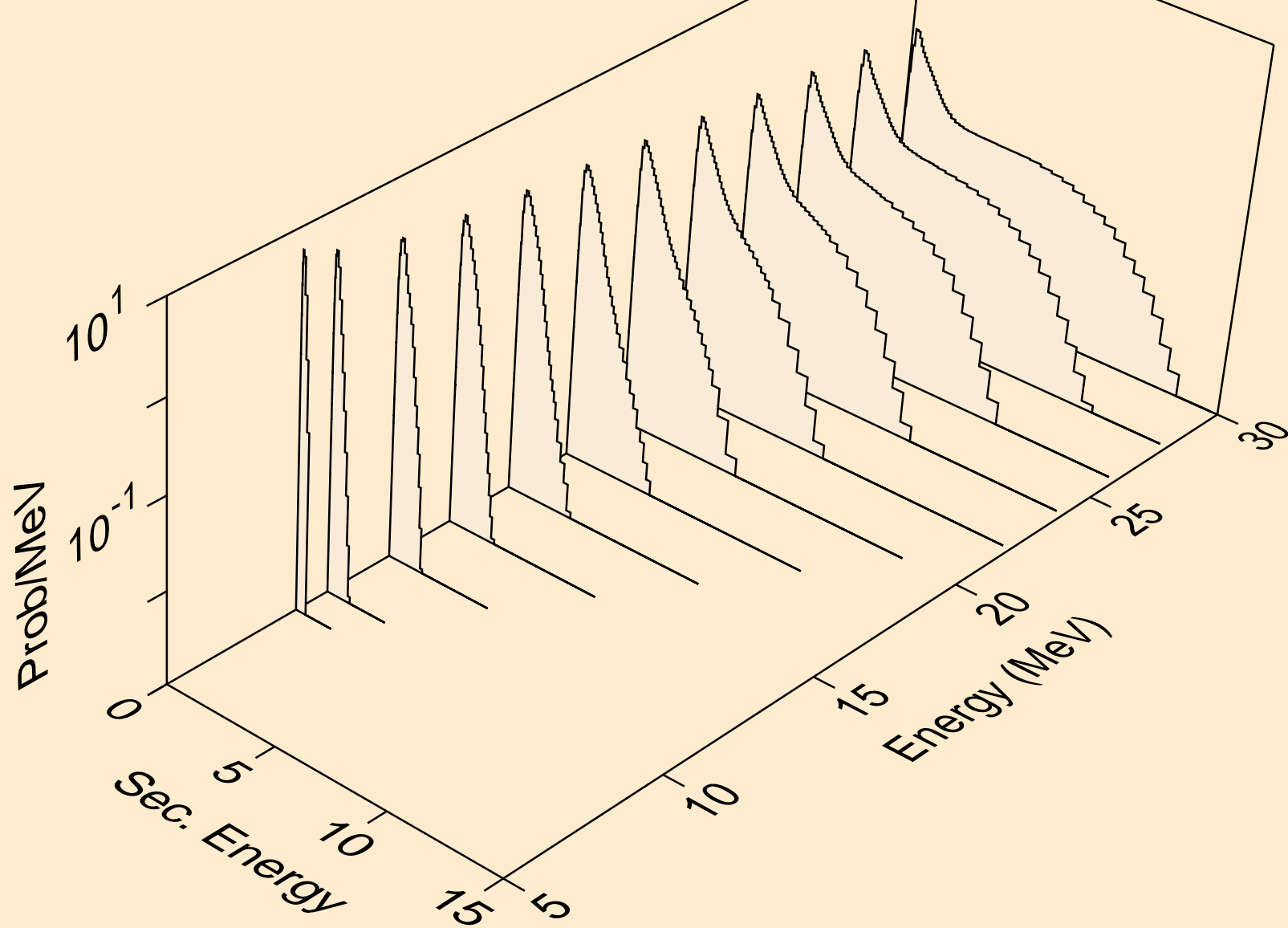
CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



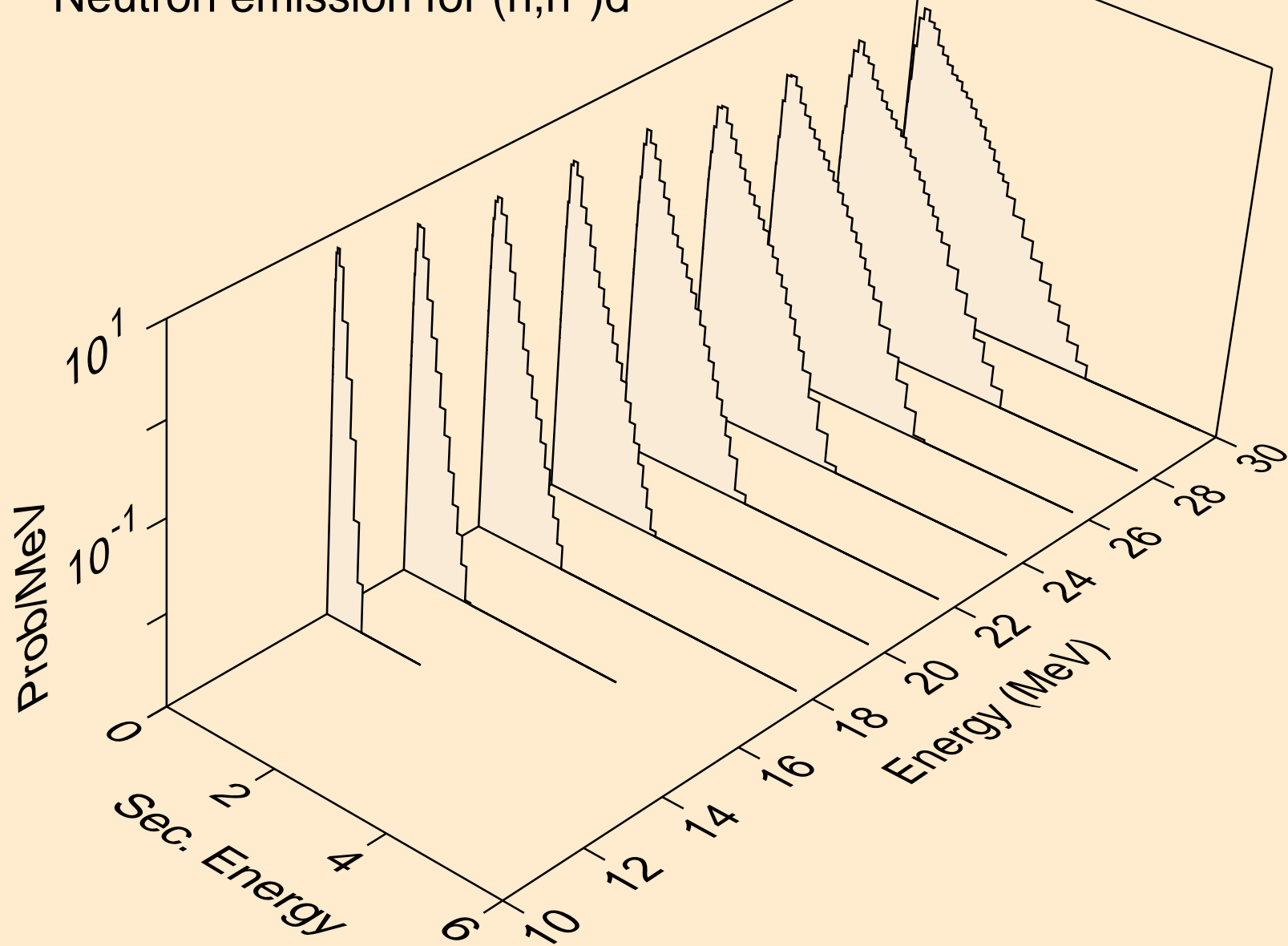
CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



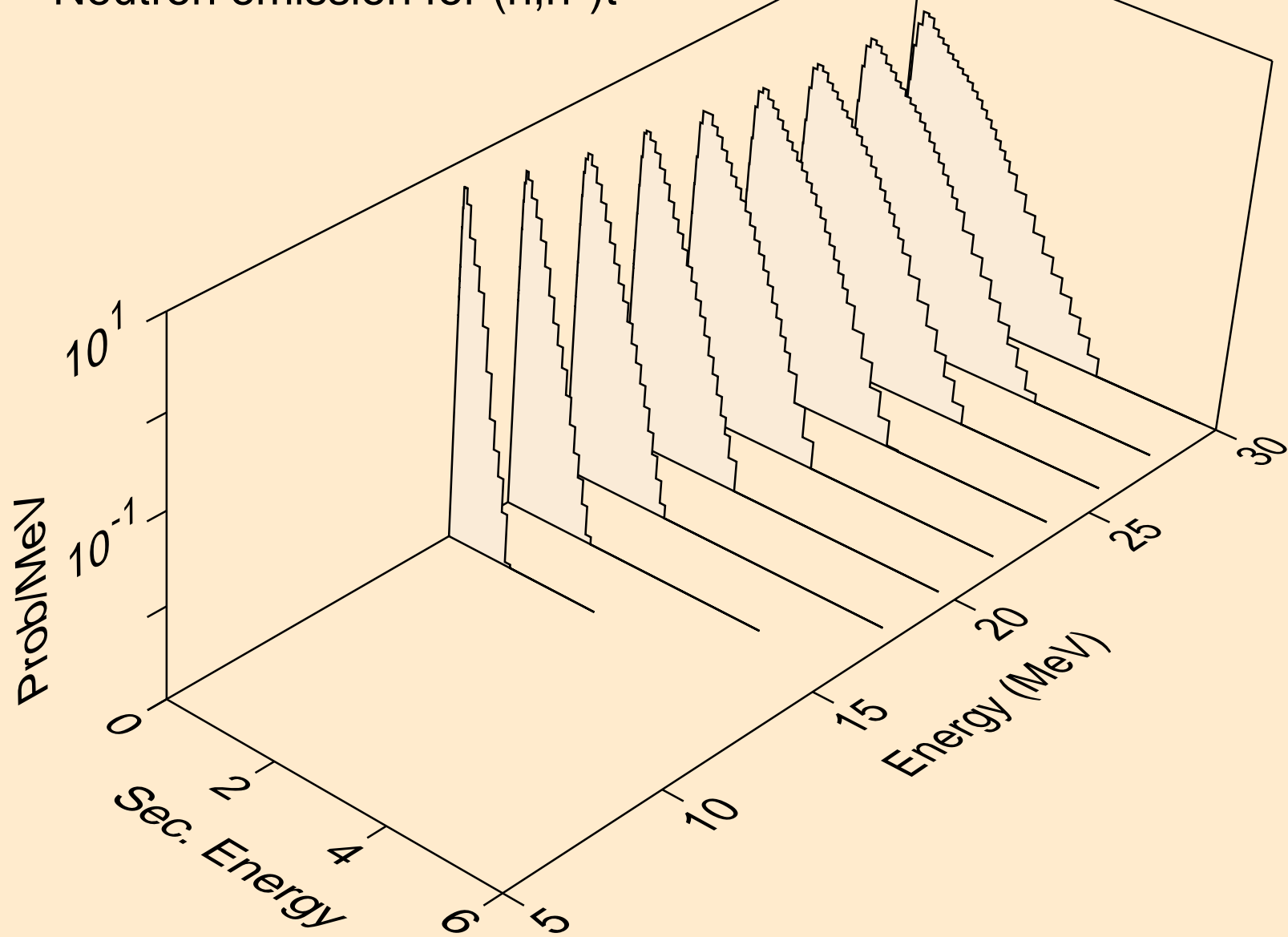
CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



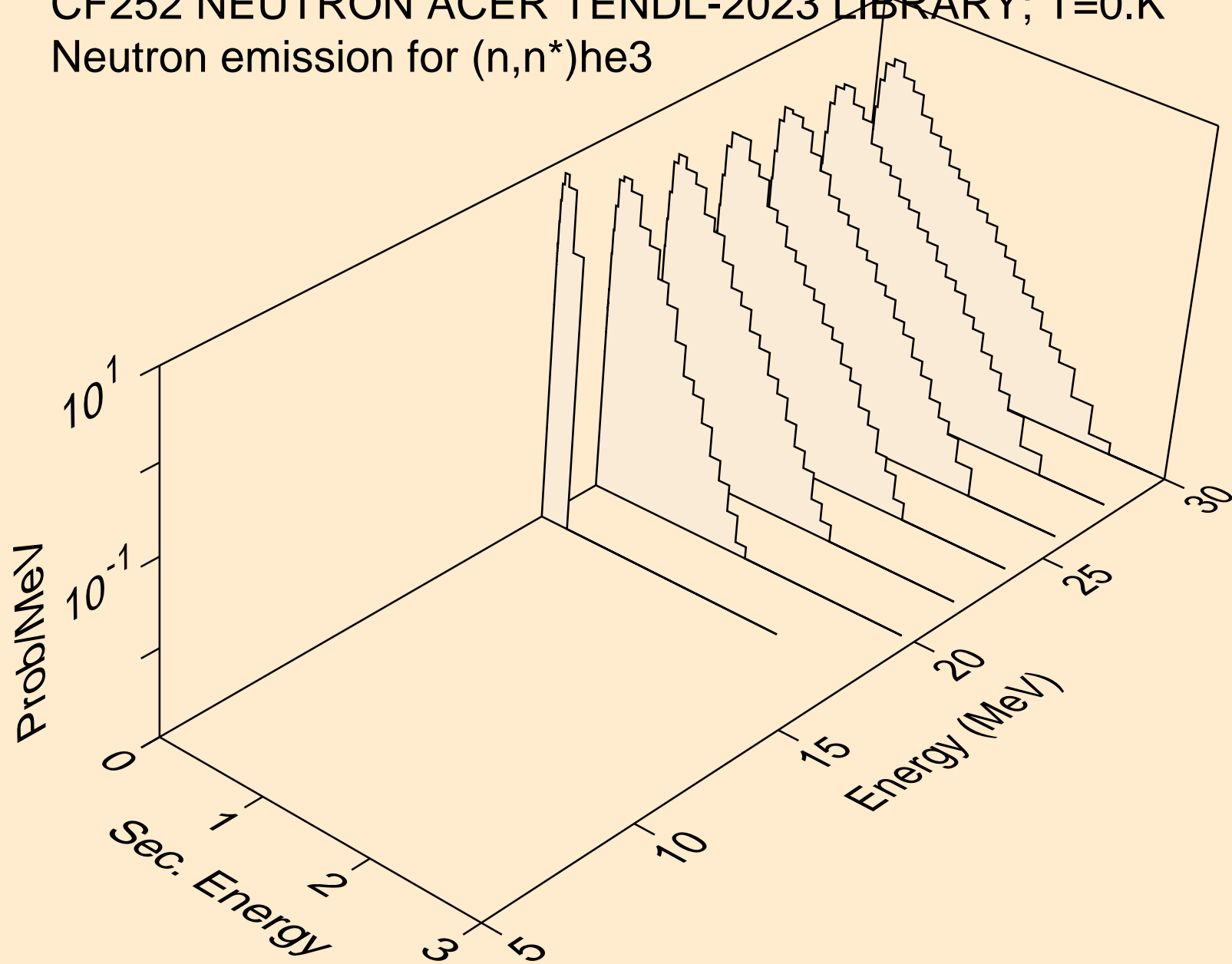
CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t

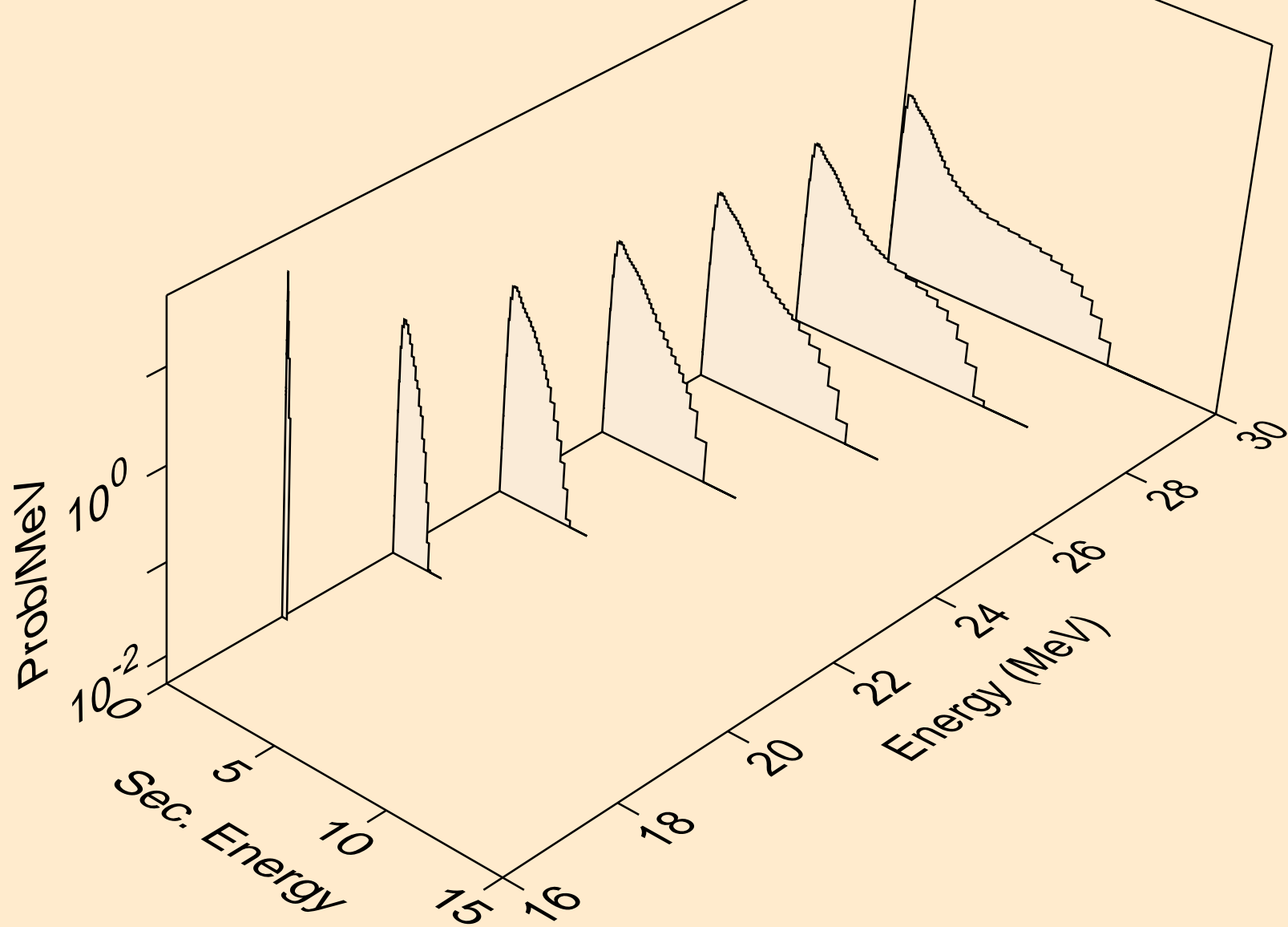


CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3

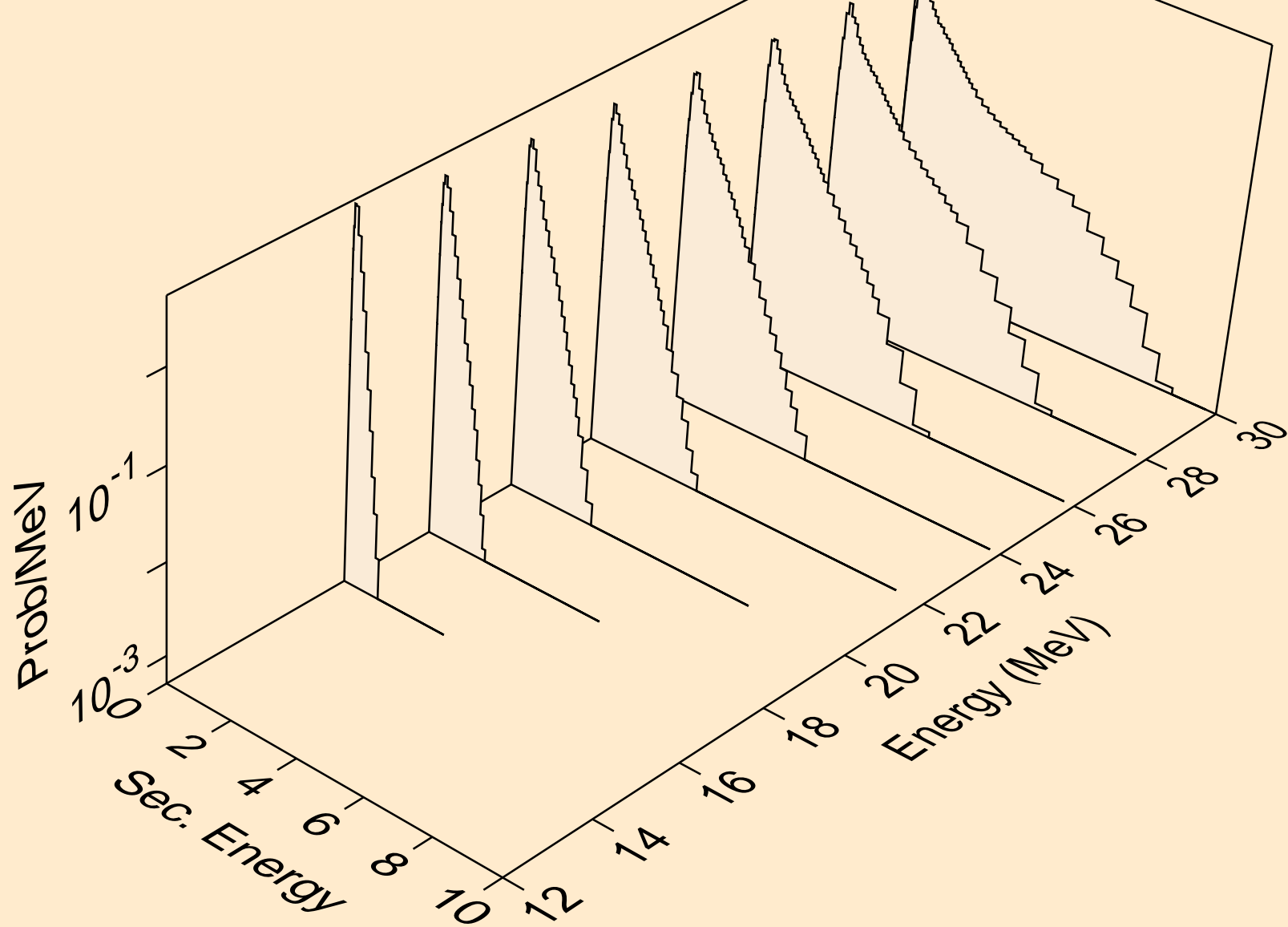




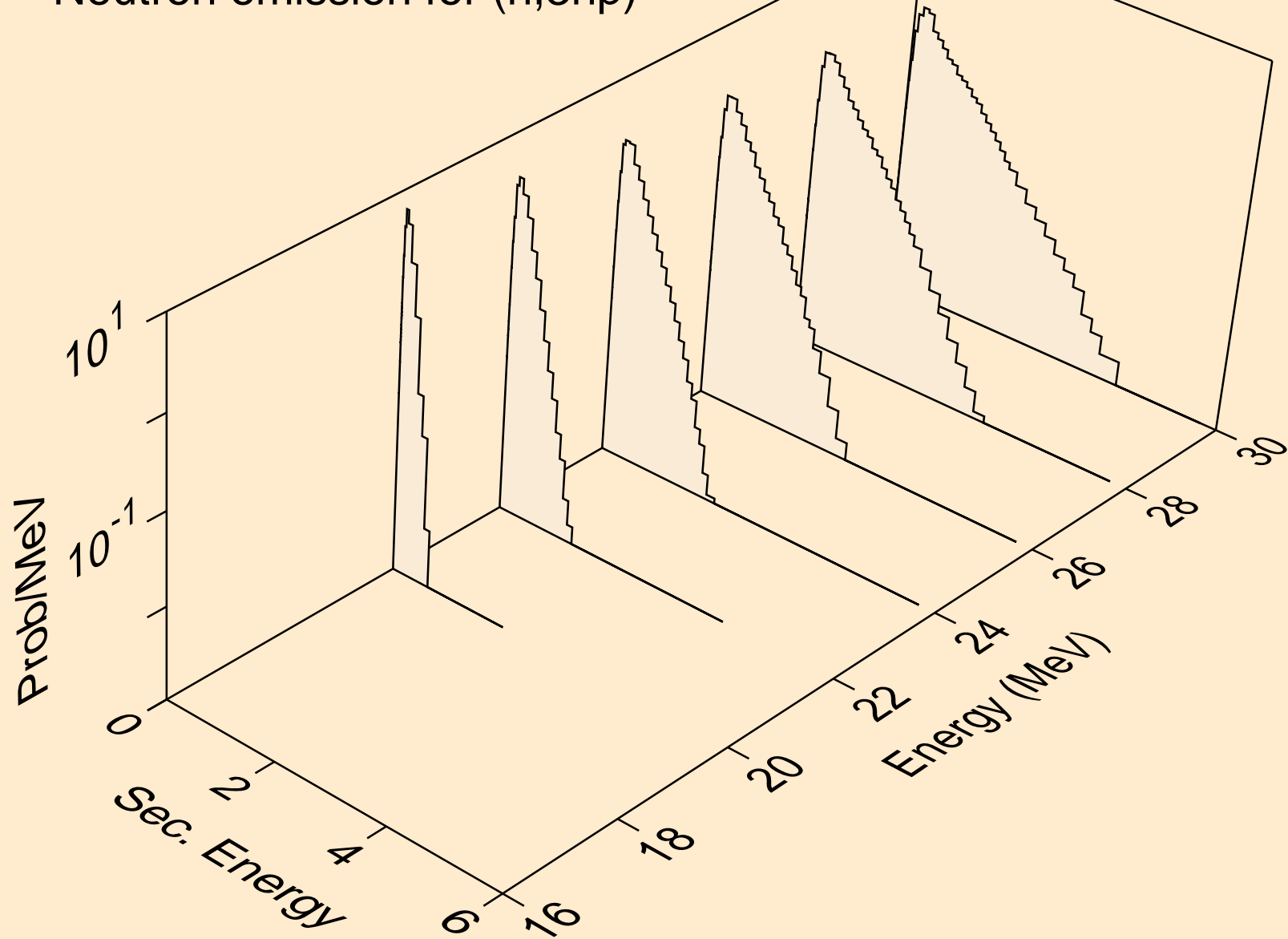
CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)



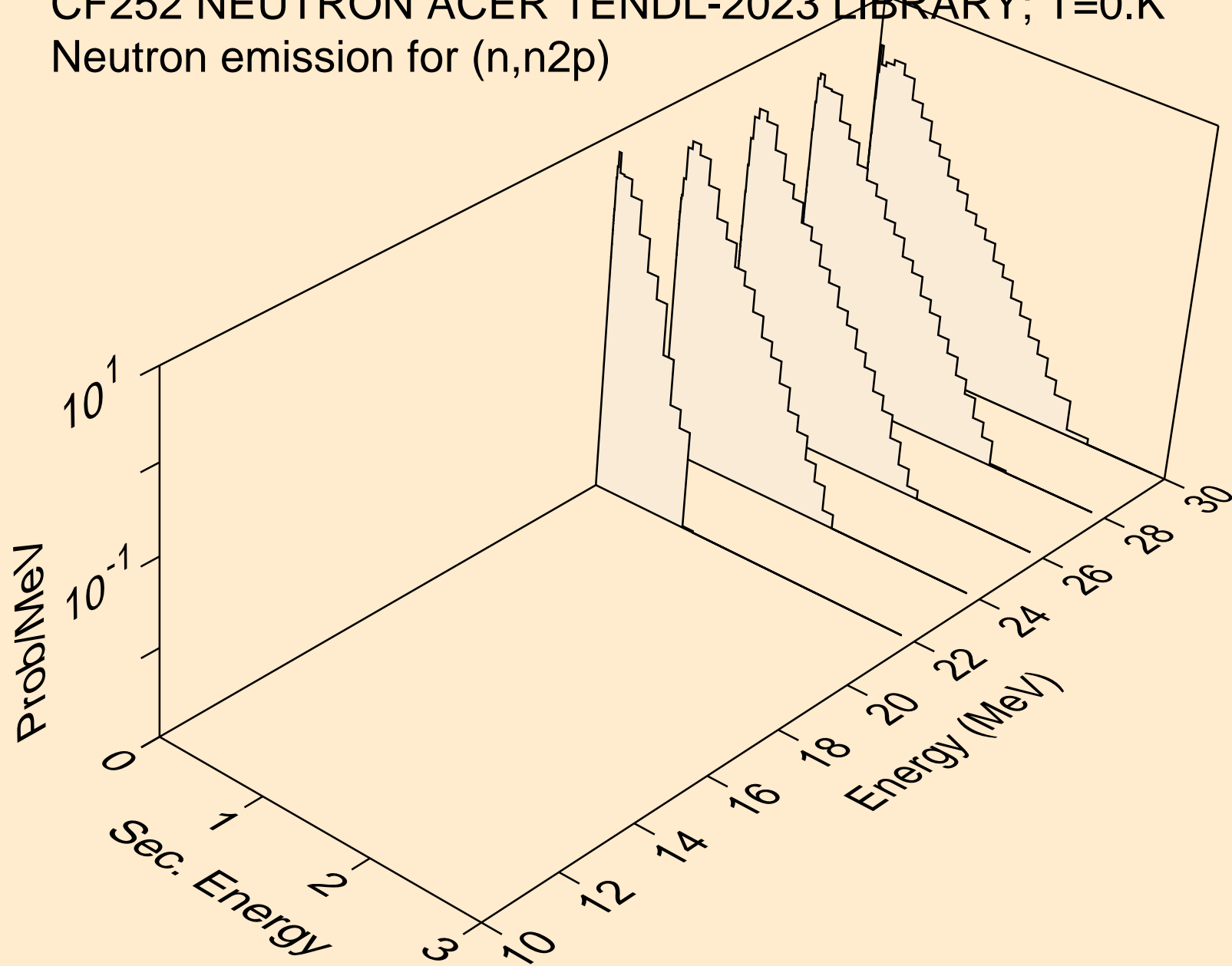
CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)



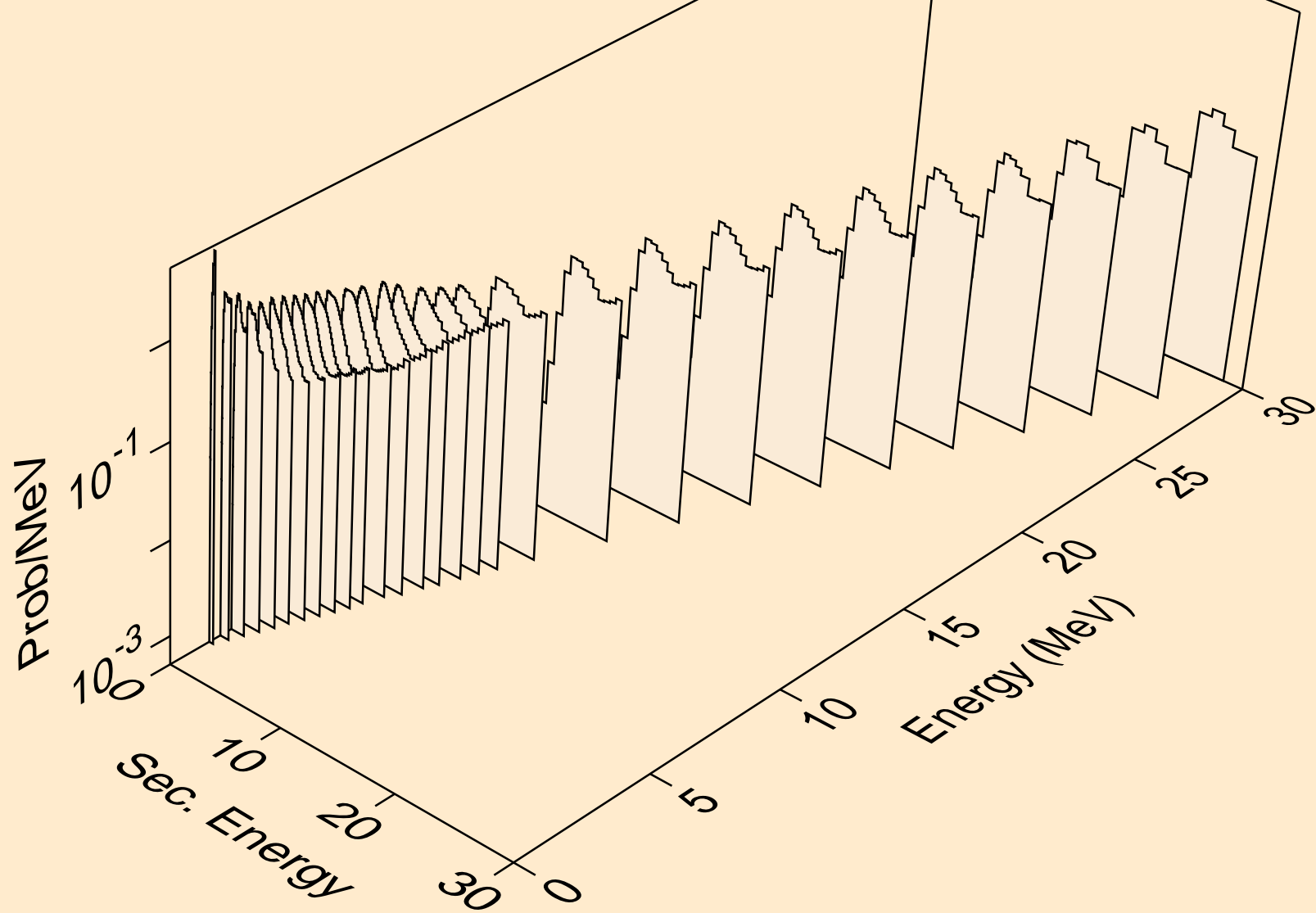
CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3np)



CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)

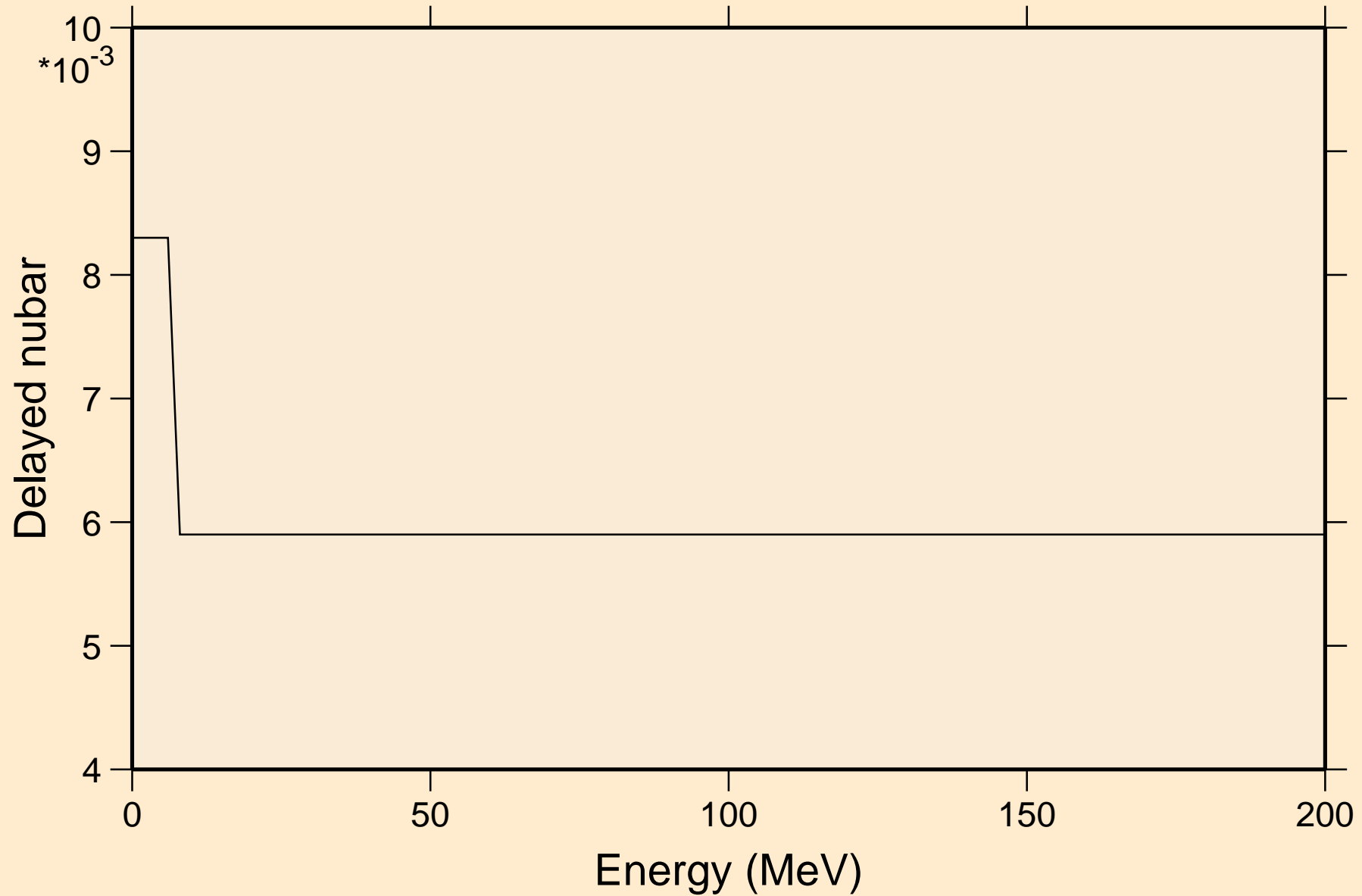


CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



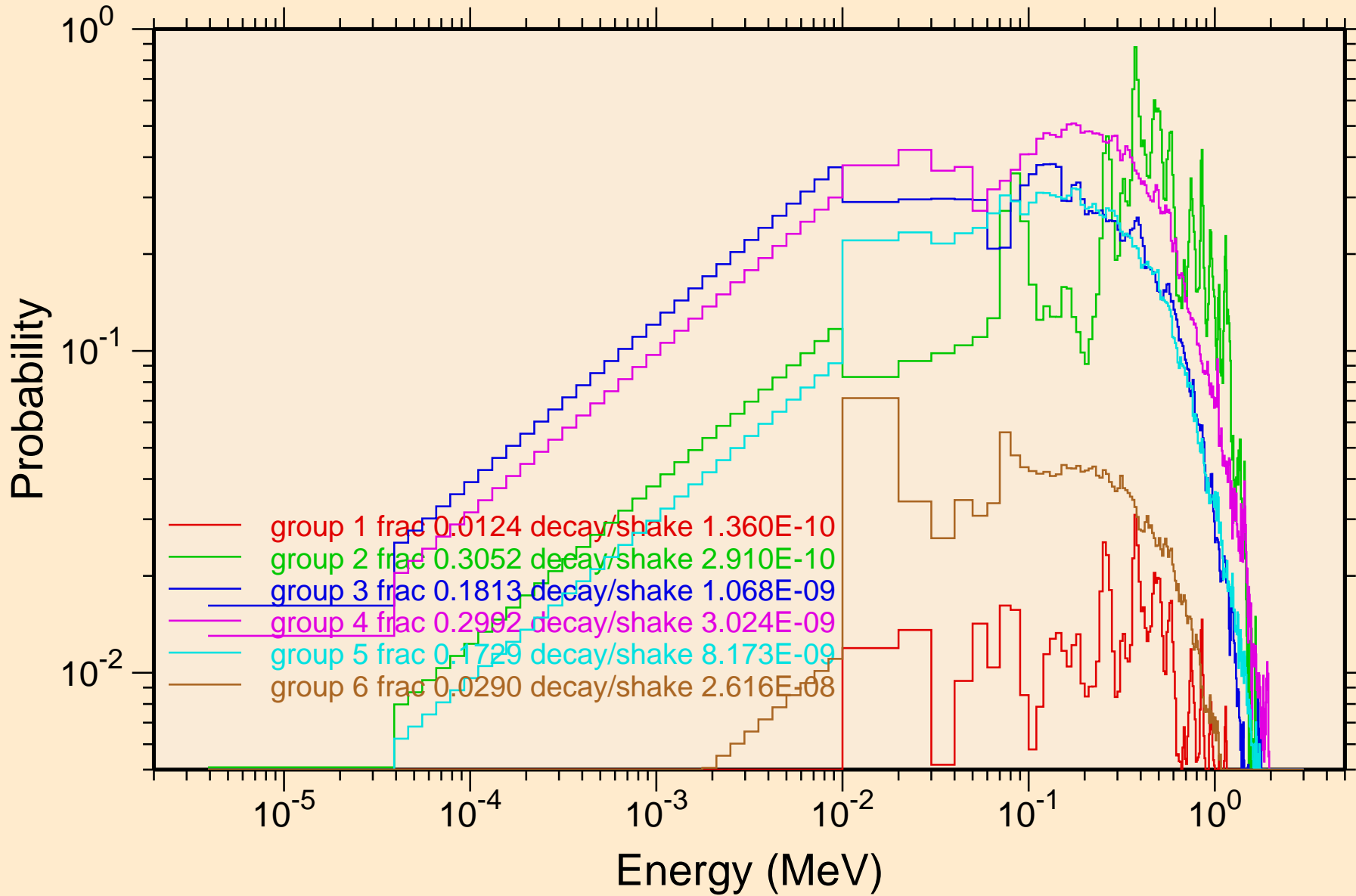
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Delayed nubar

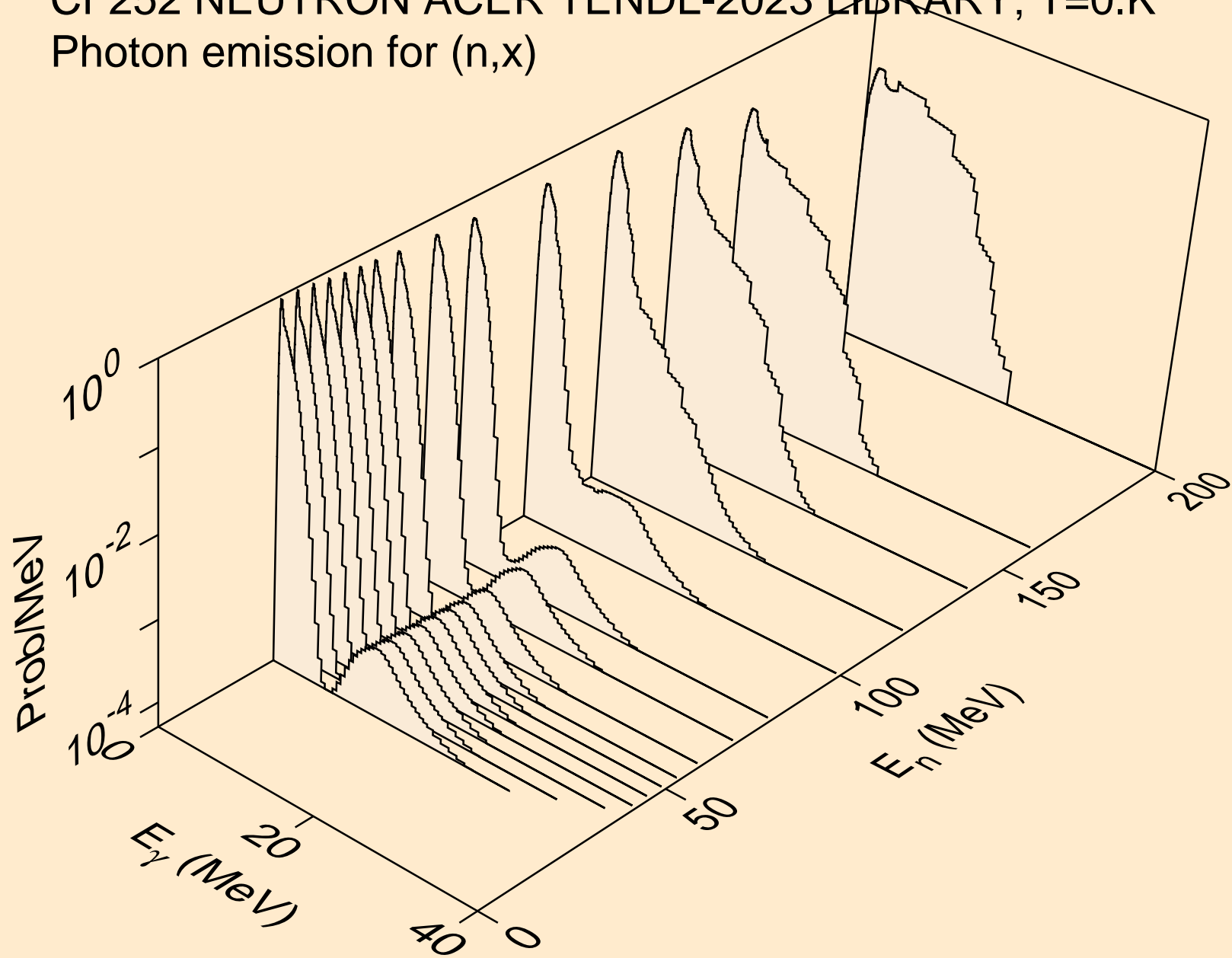


# CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Delayed neutron spectra

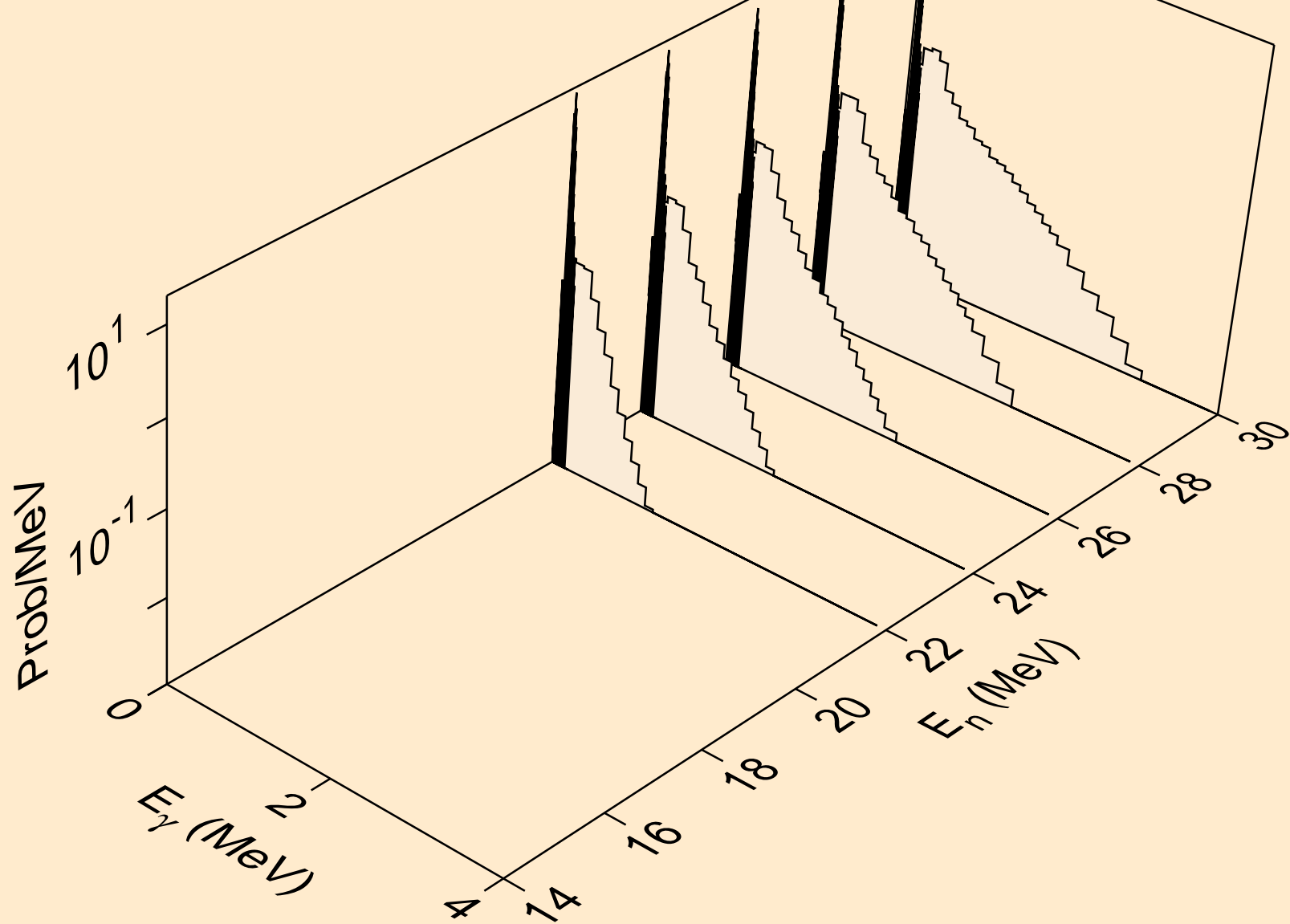


CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)

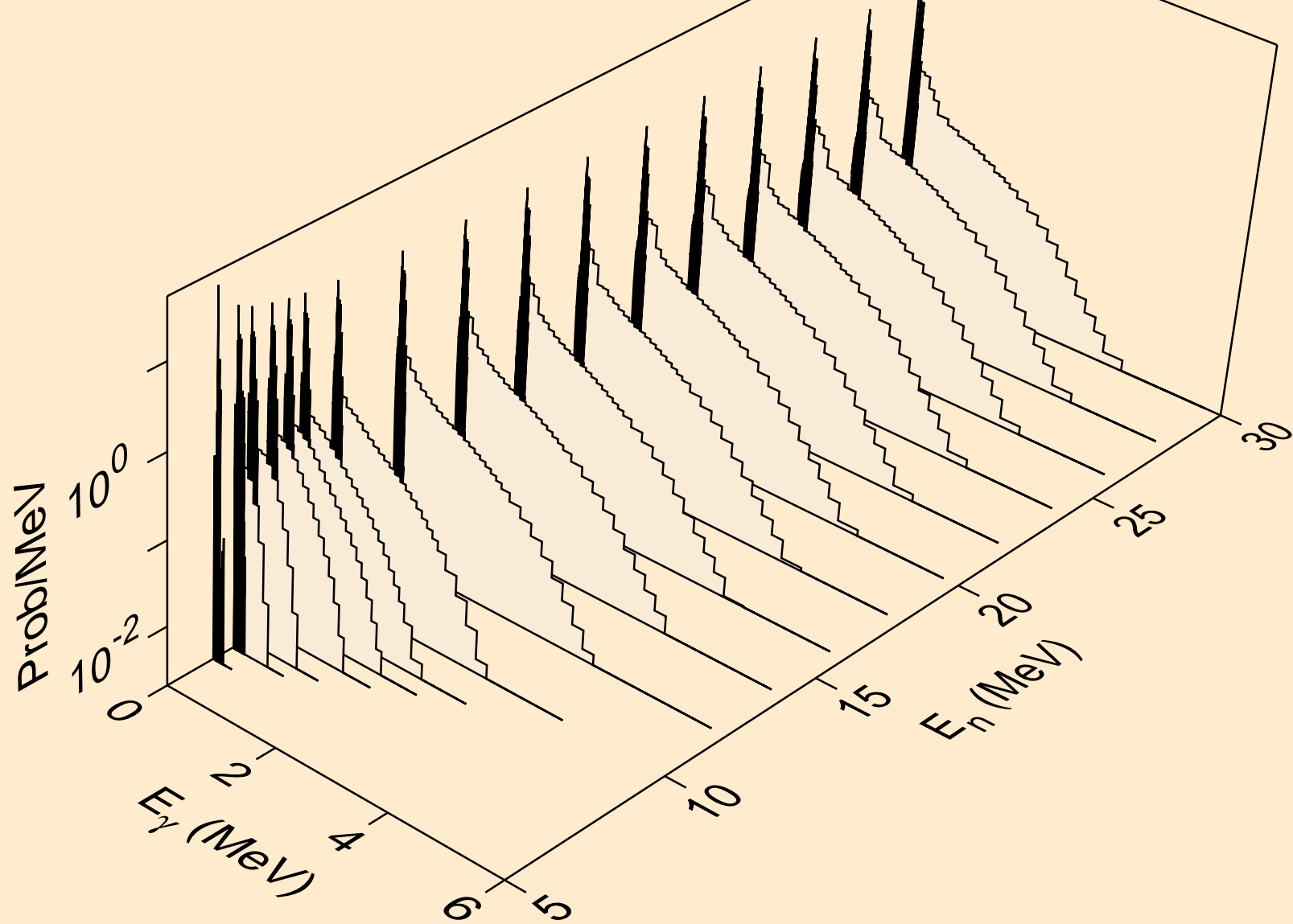




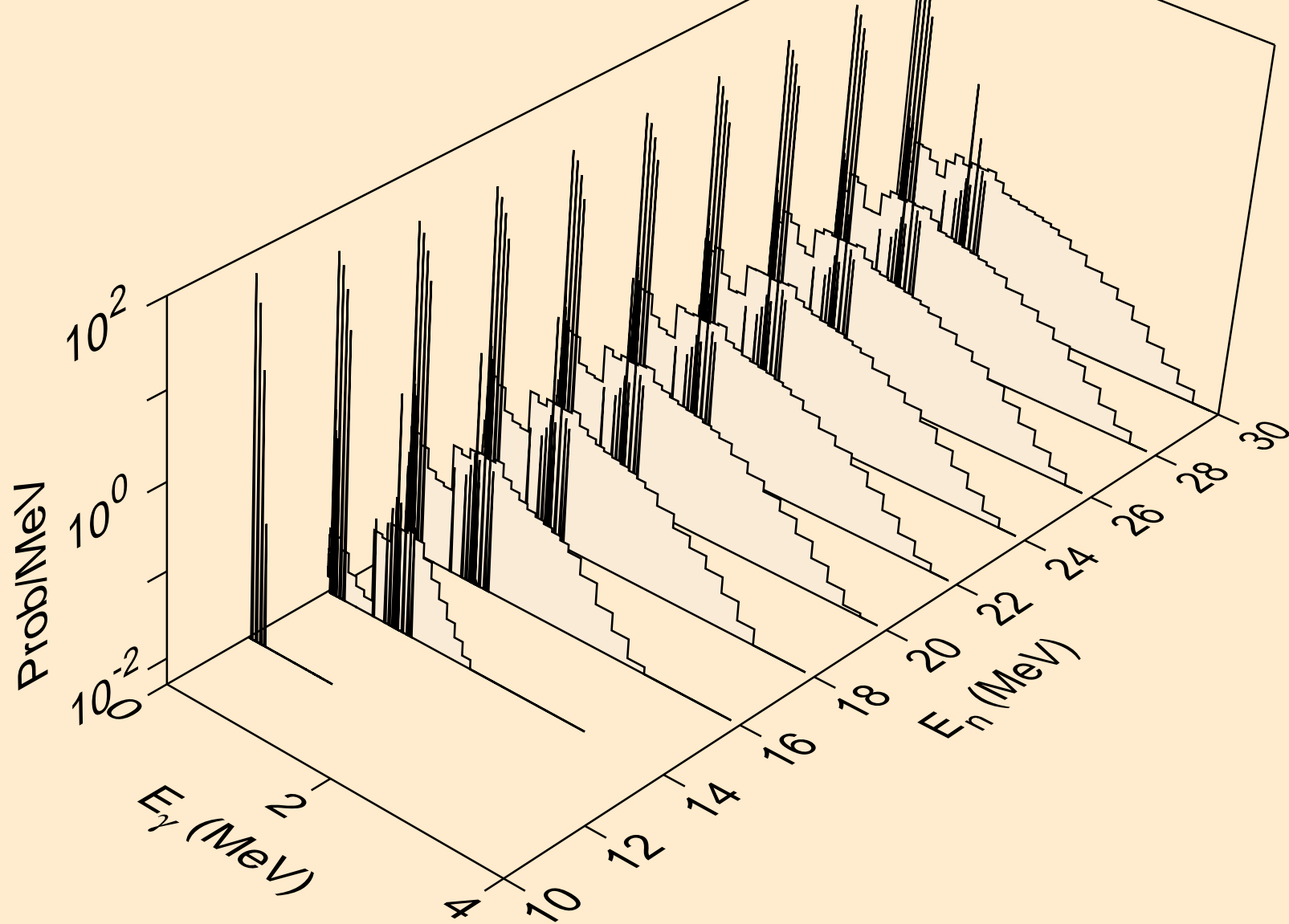
CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



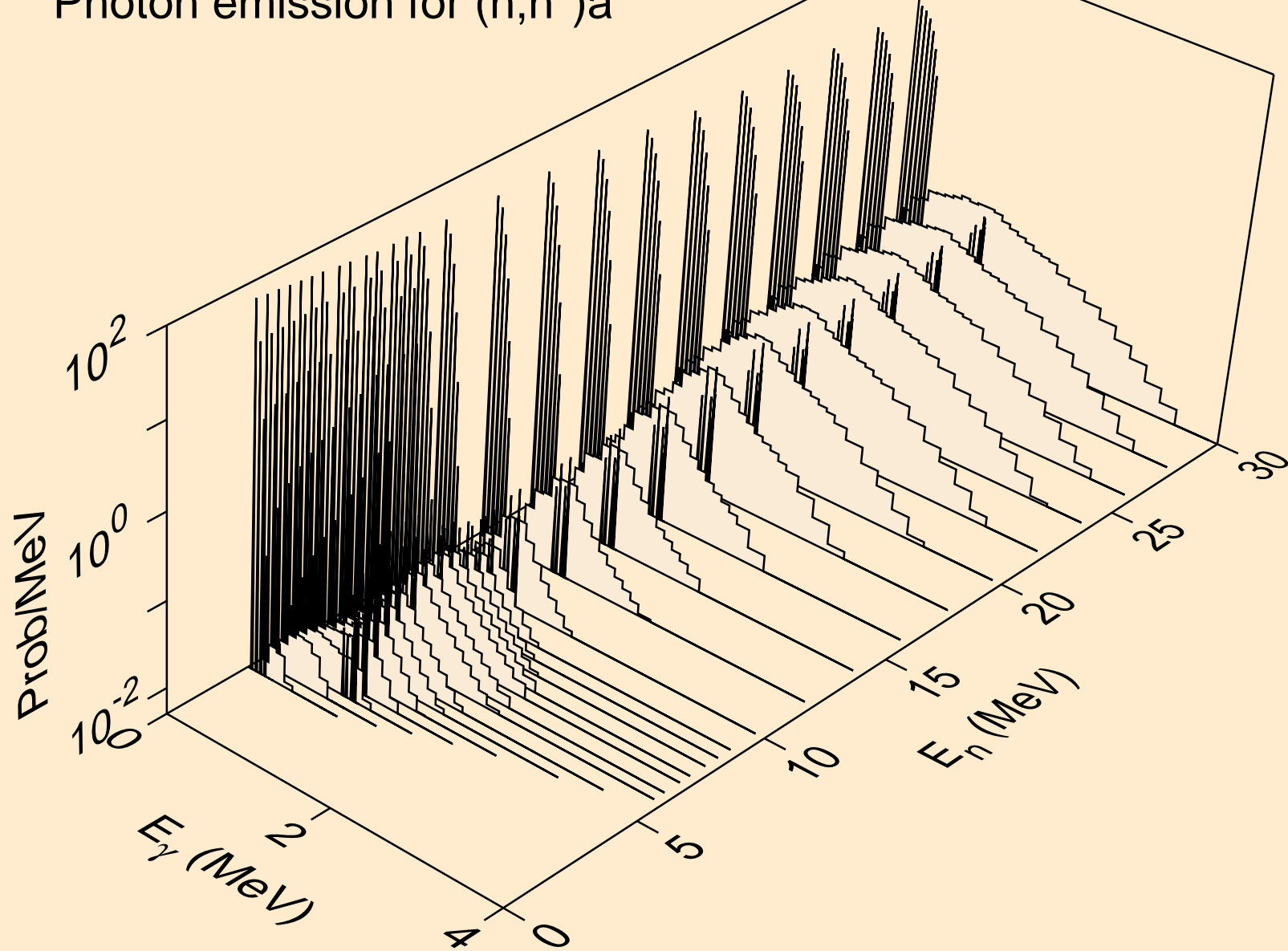
CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



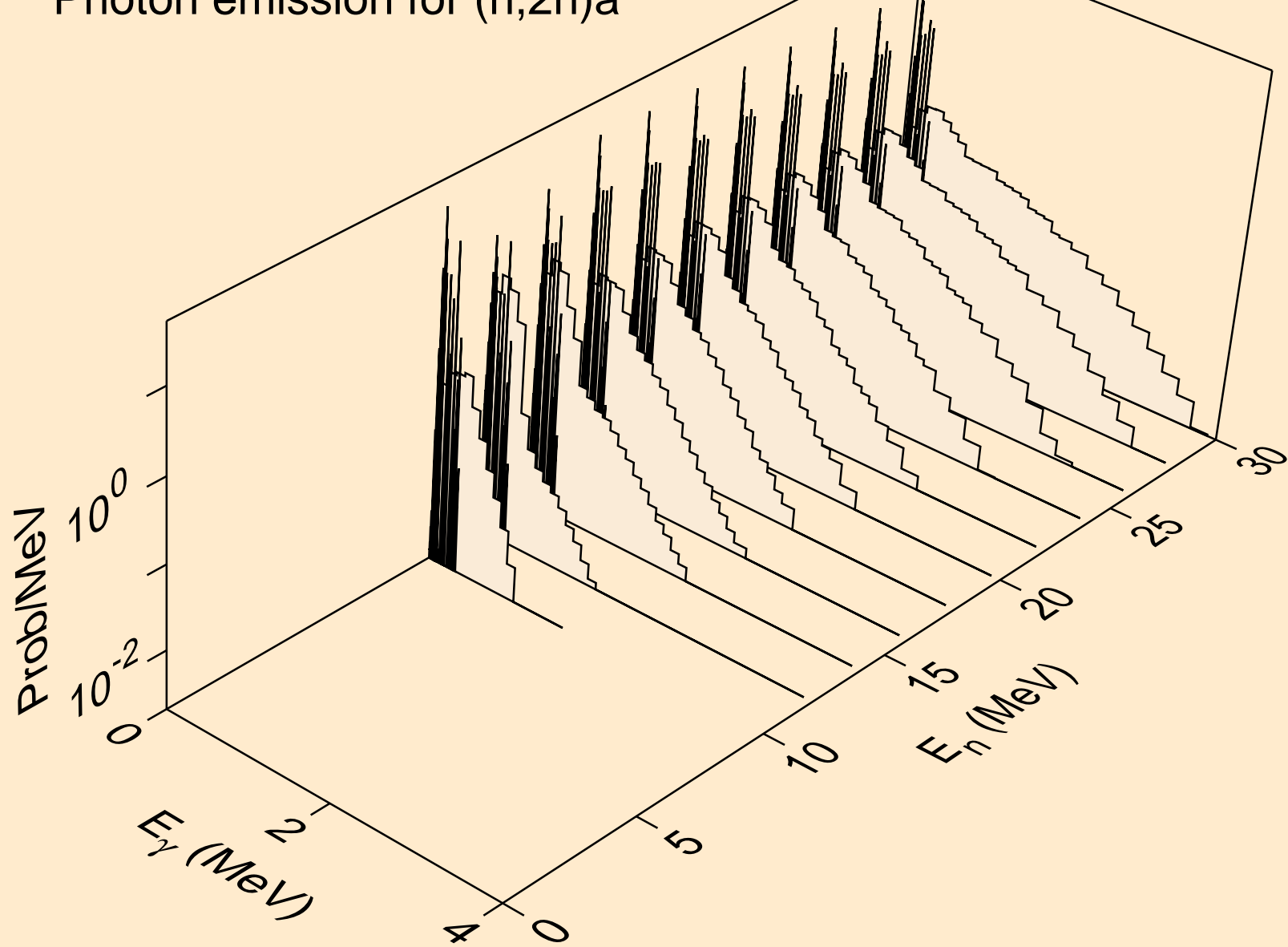
CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



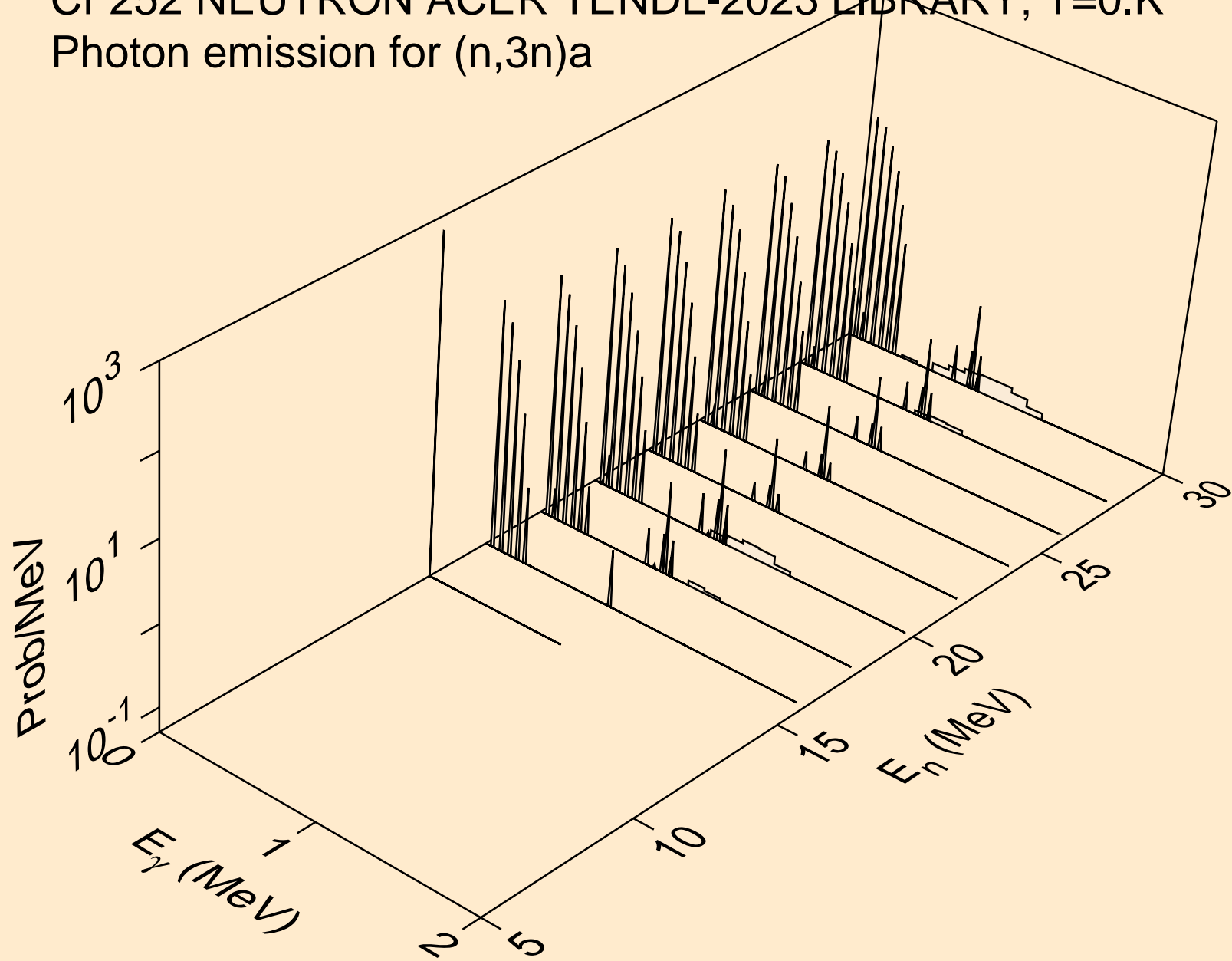
CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



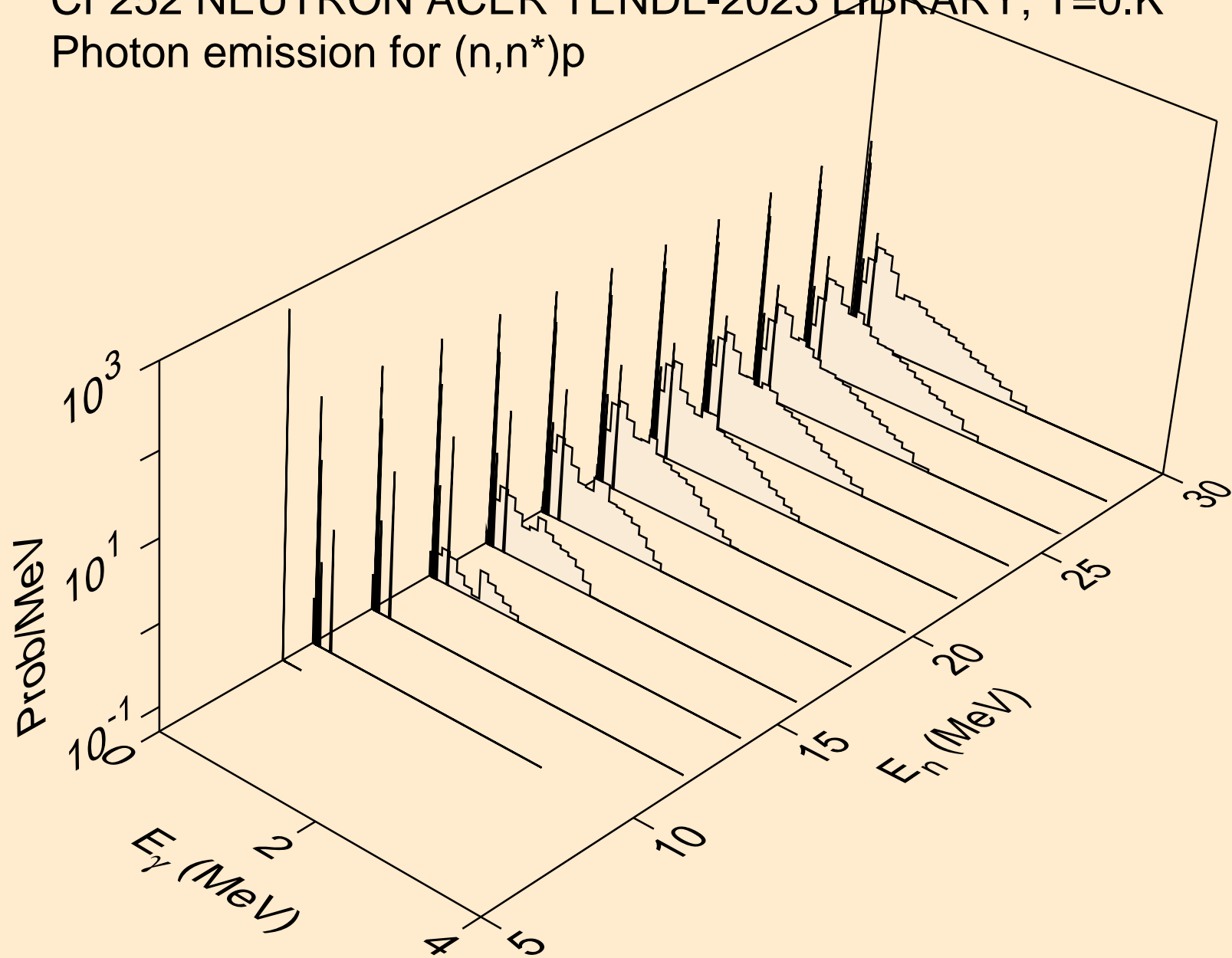
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Photon emission for (n,2n)a



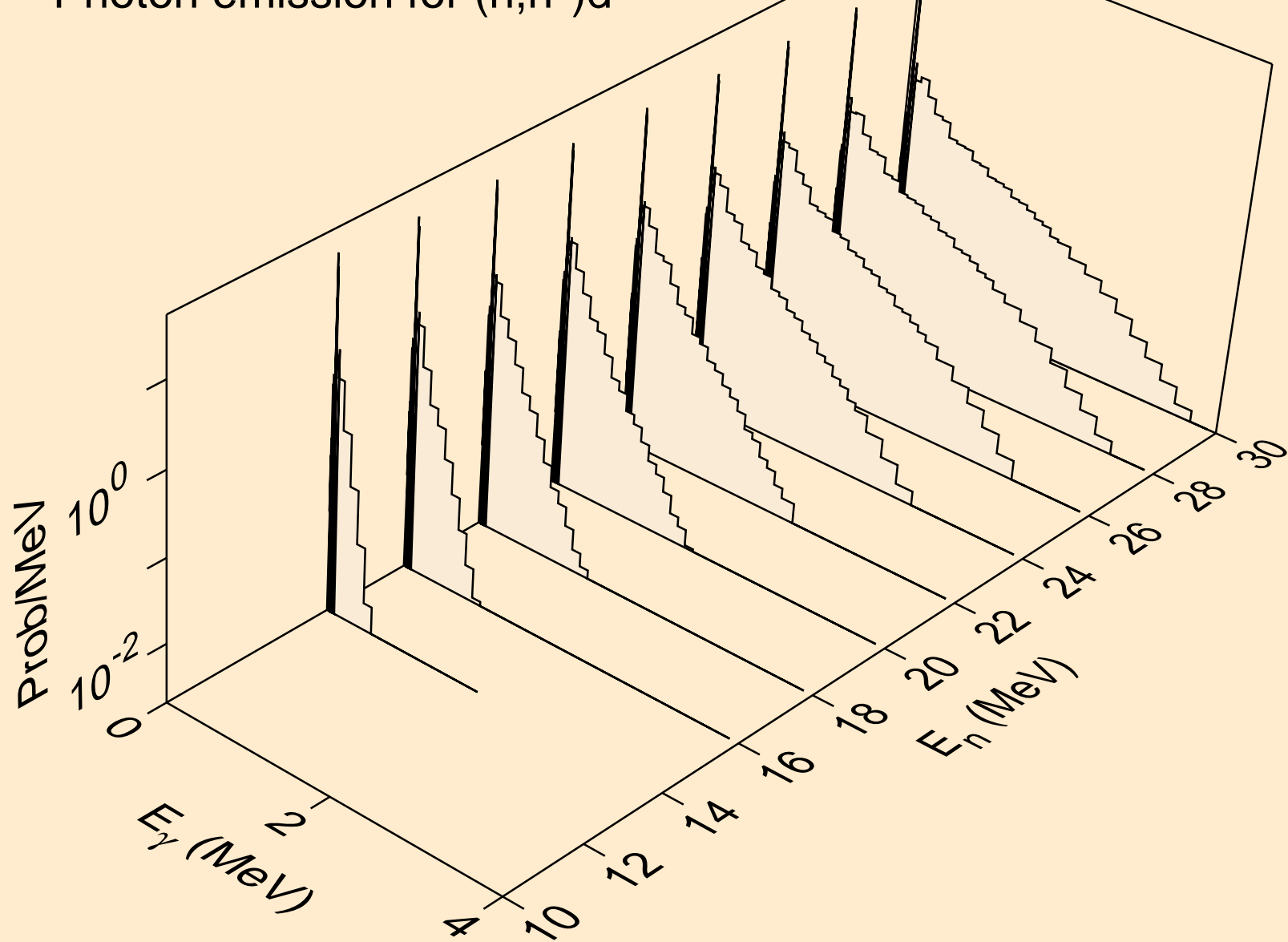
CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

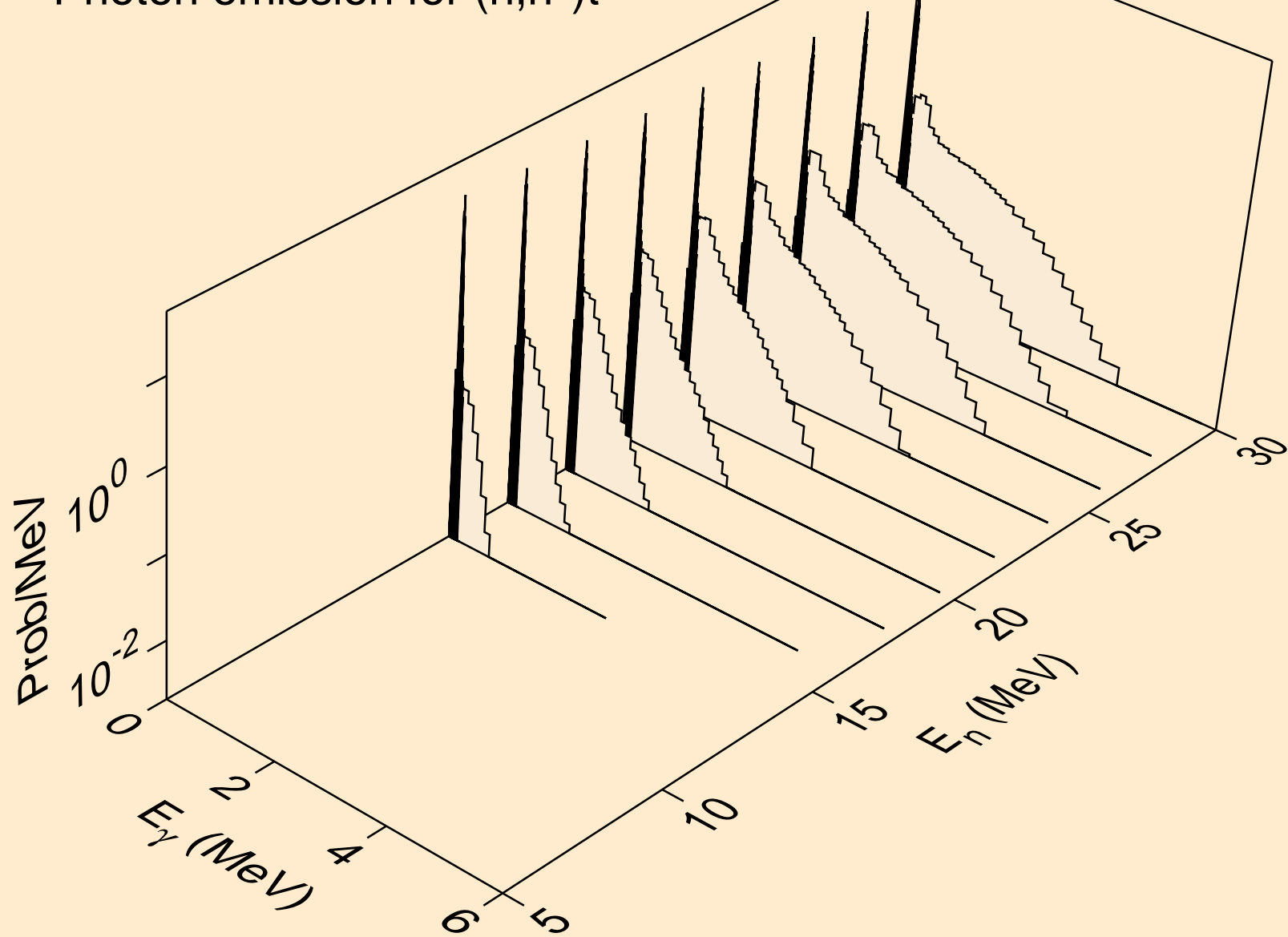


CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

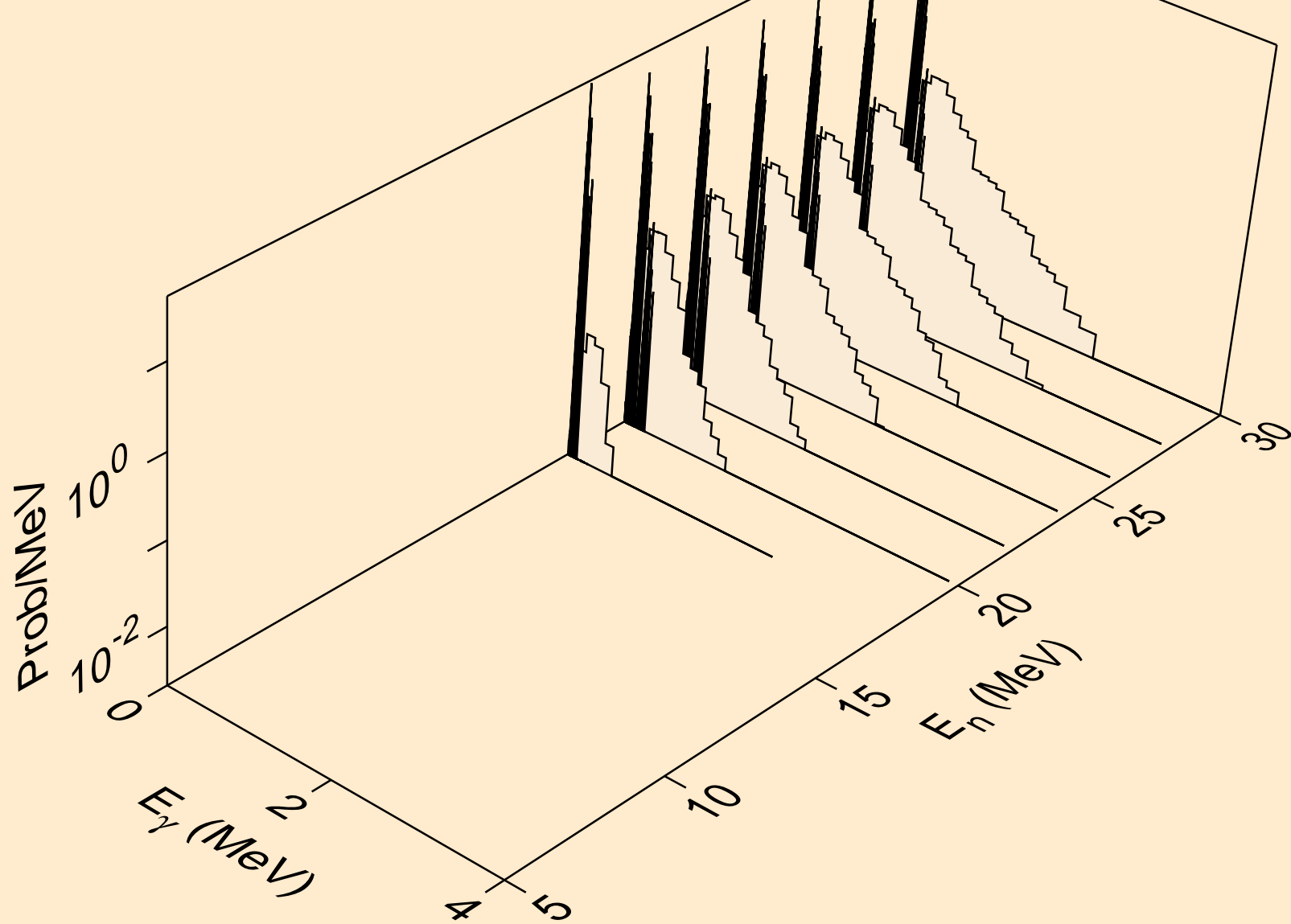




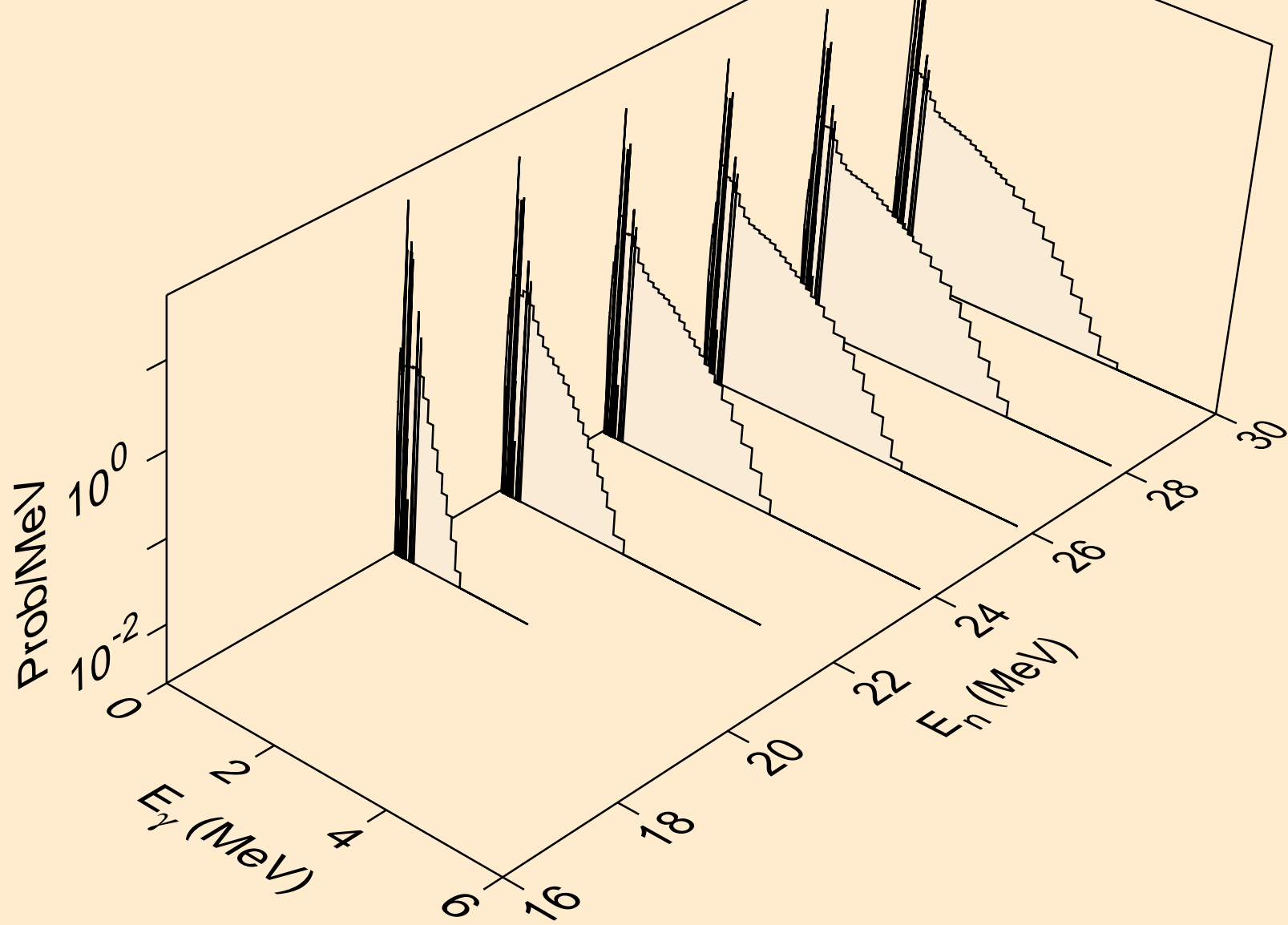
CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



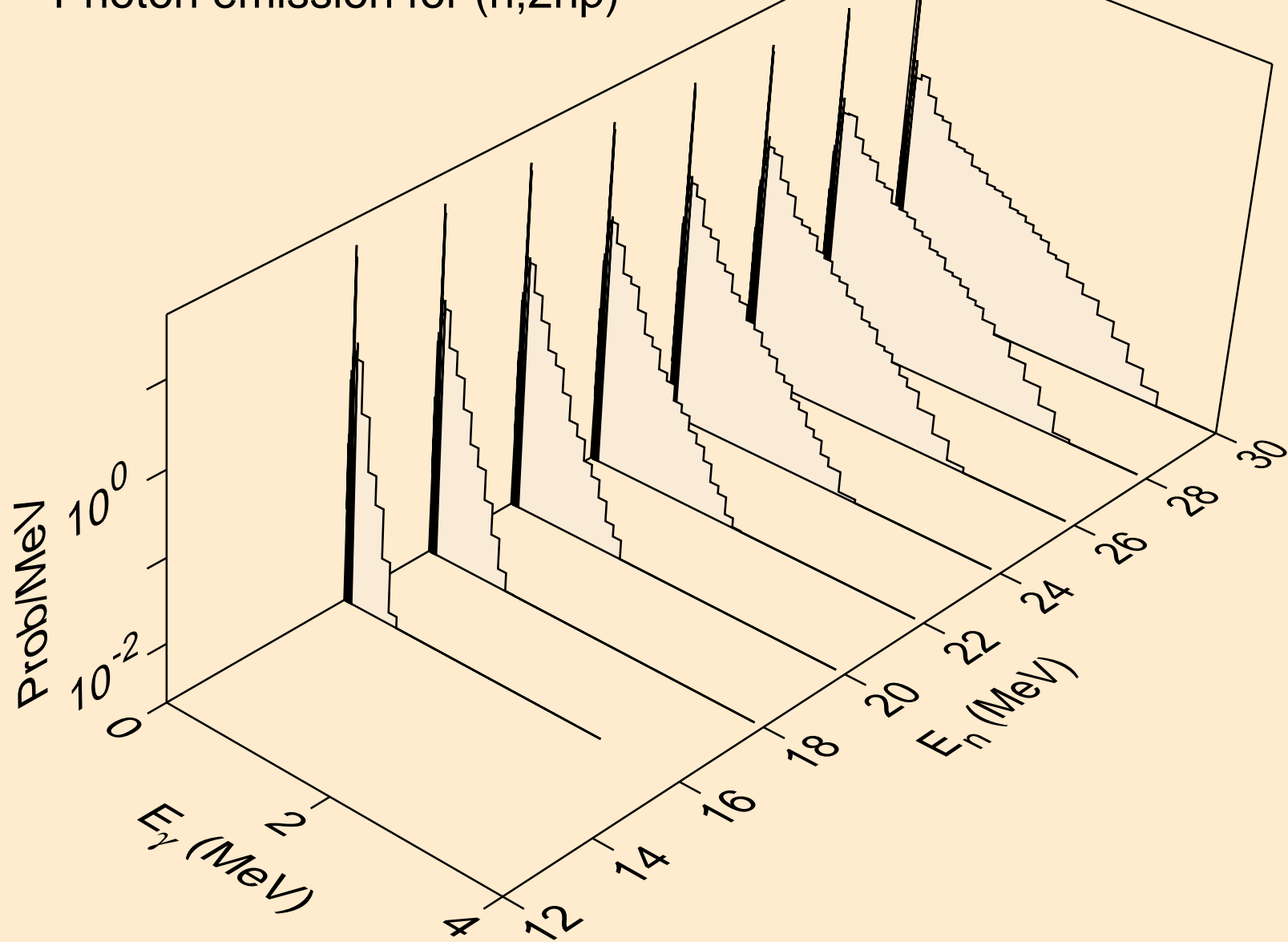
CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



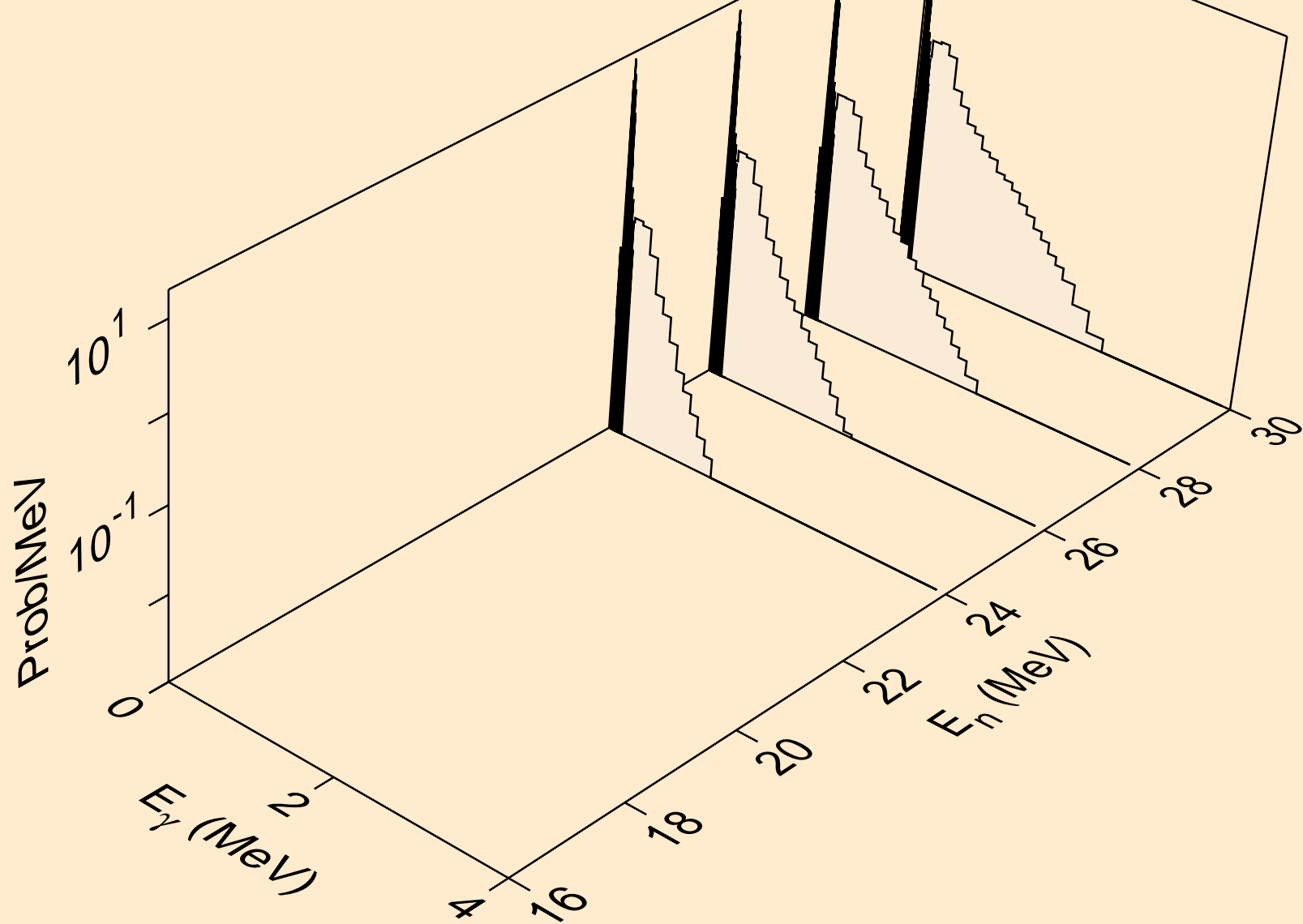
CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



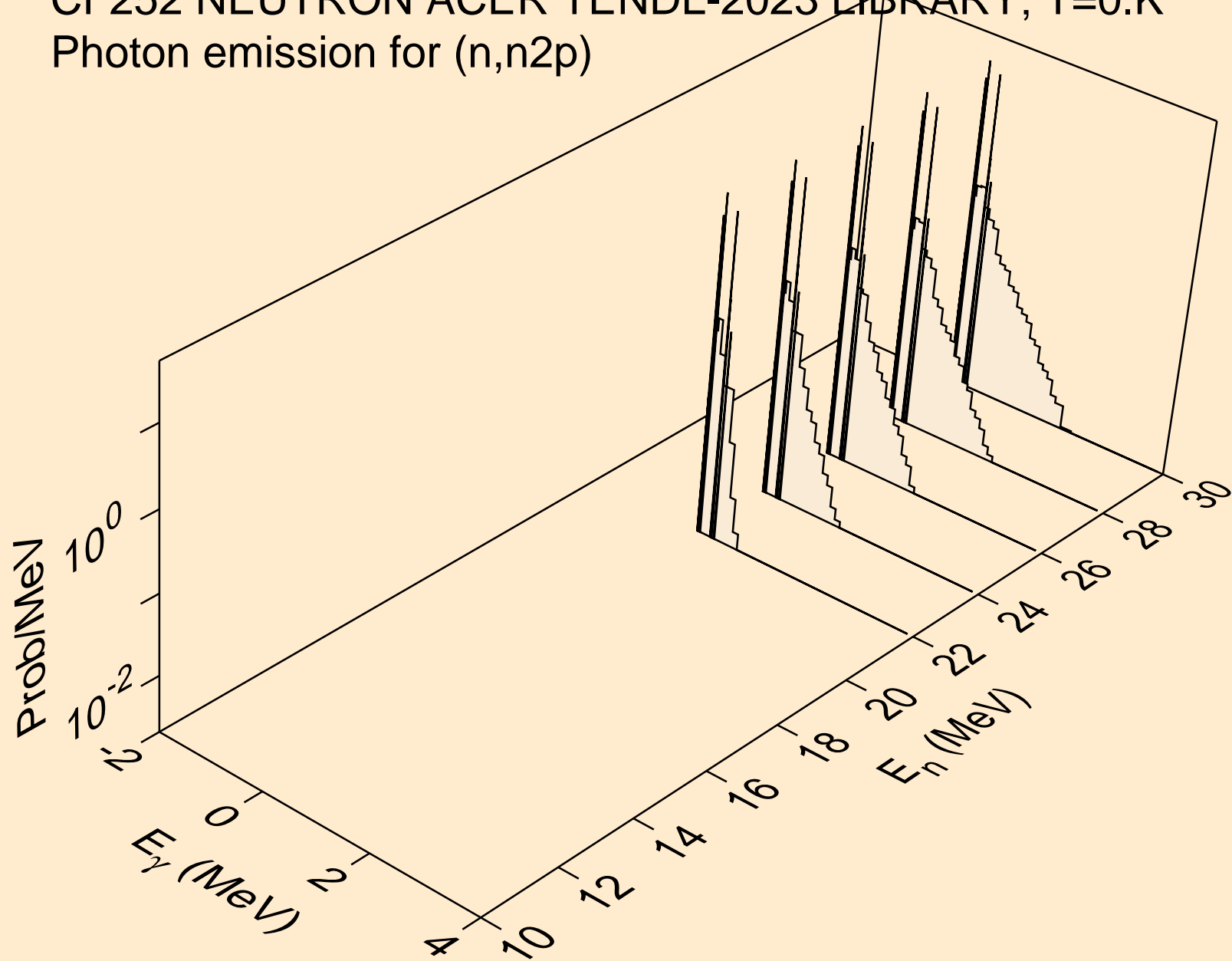
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Photon emission for (n,2np)



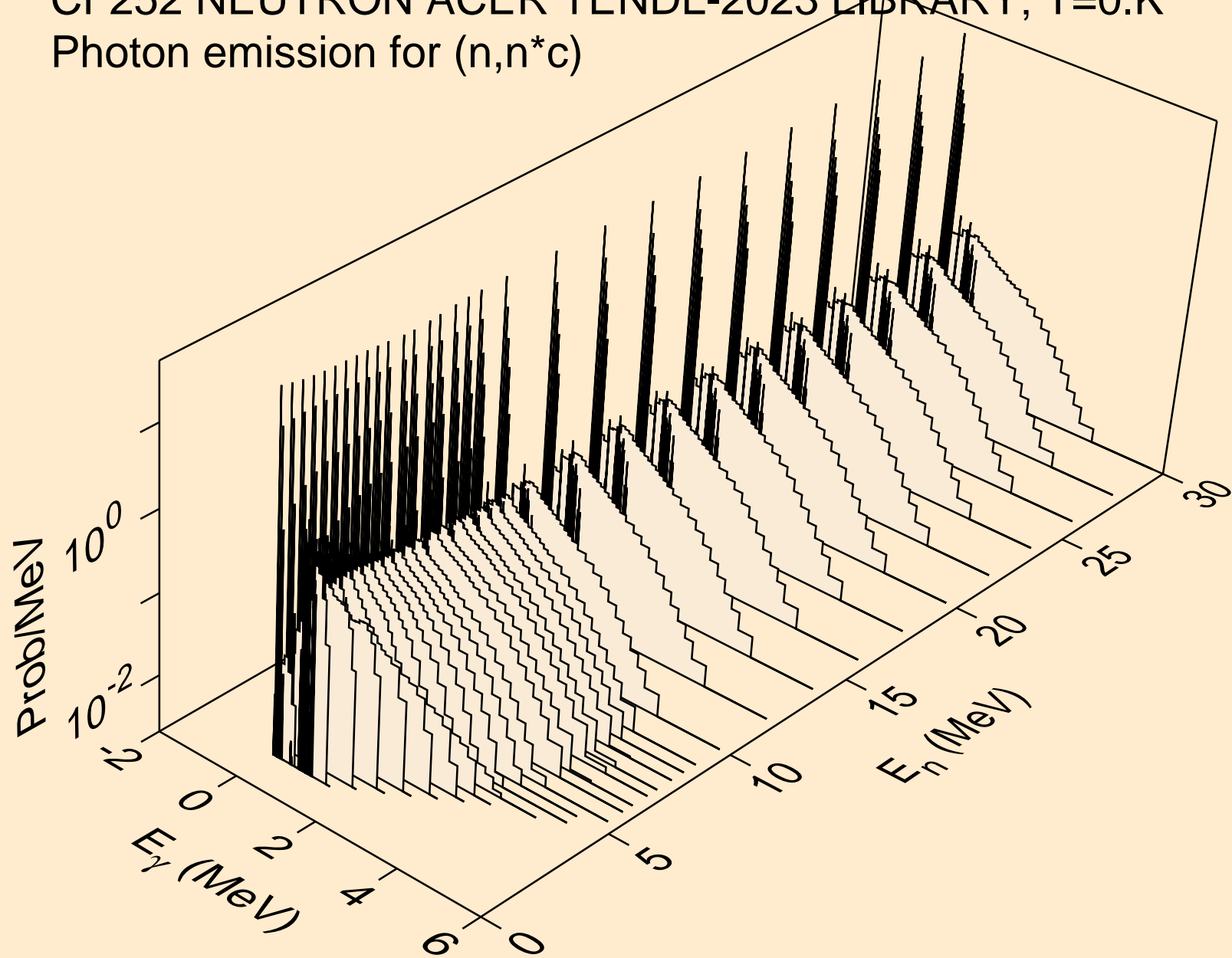
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Photon emission for (n,3np)



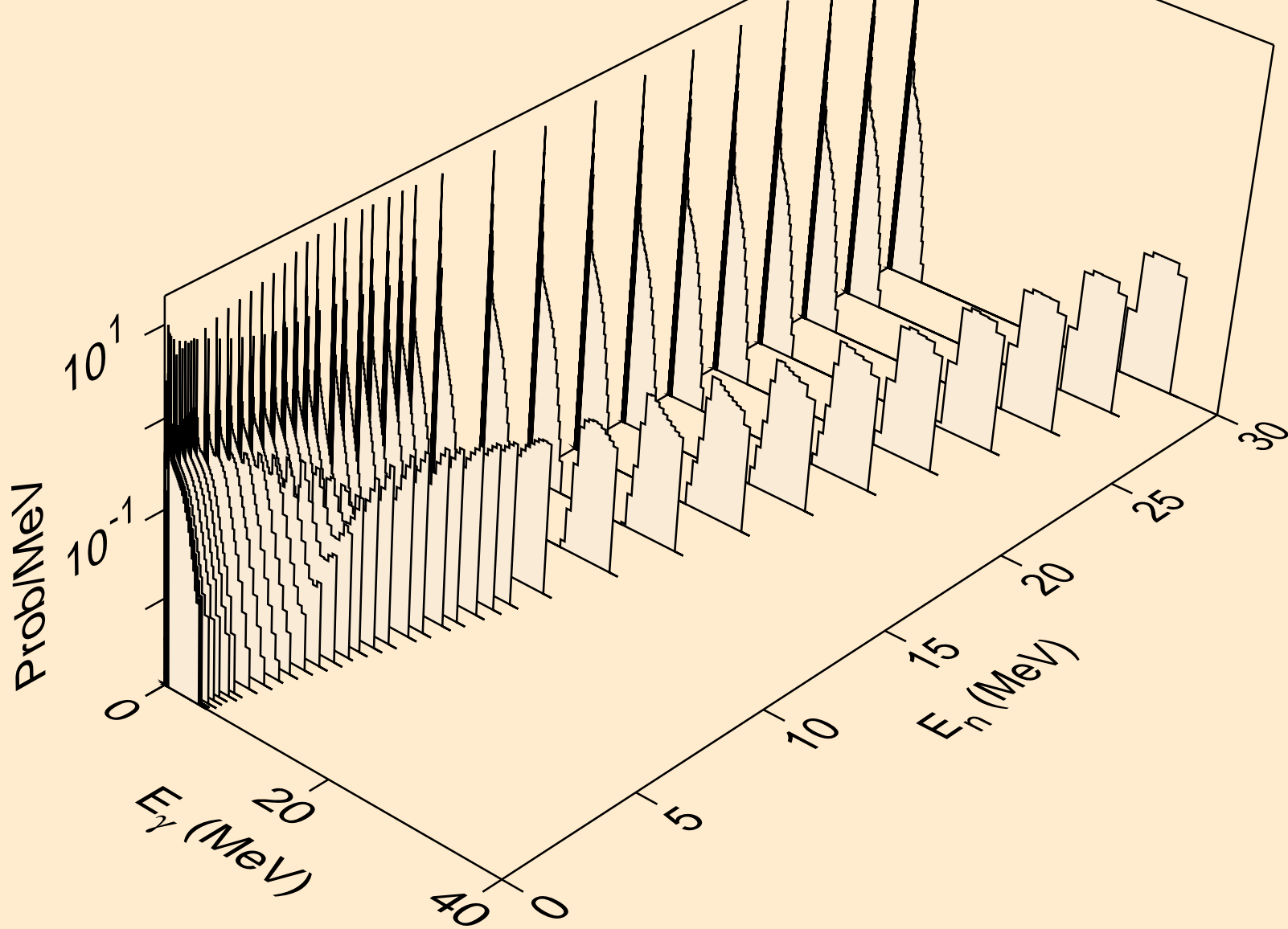
CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)

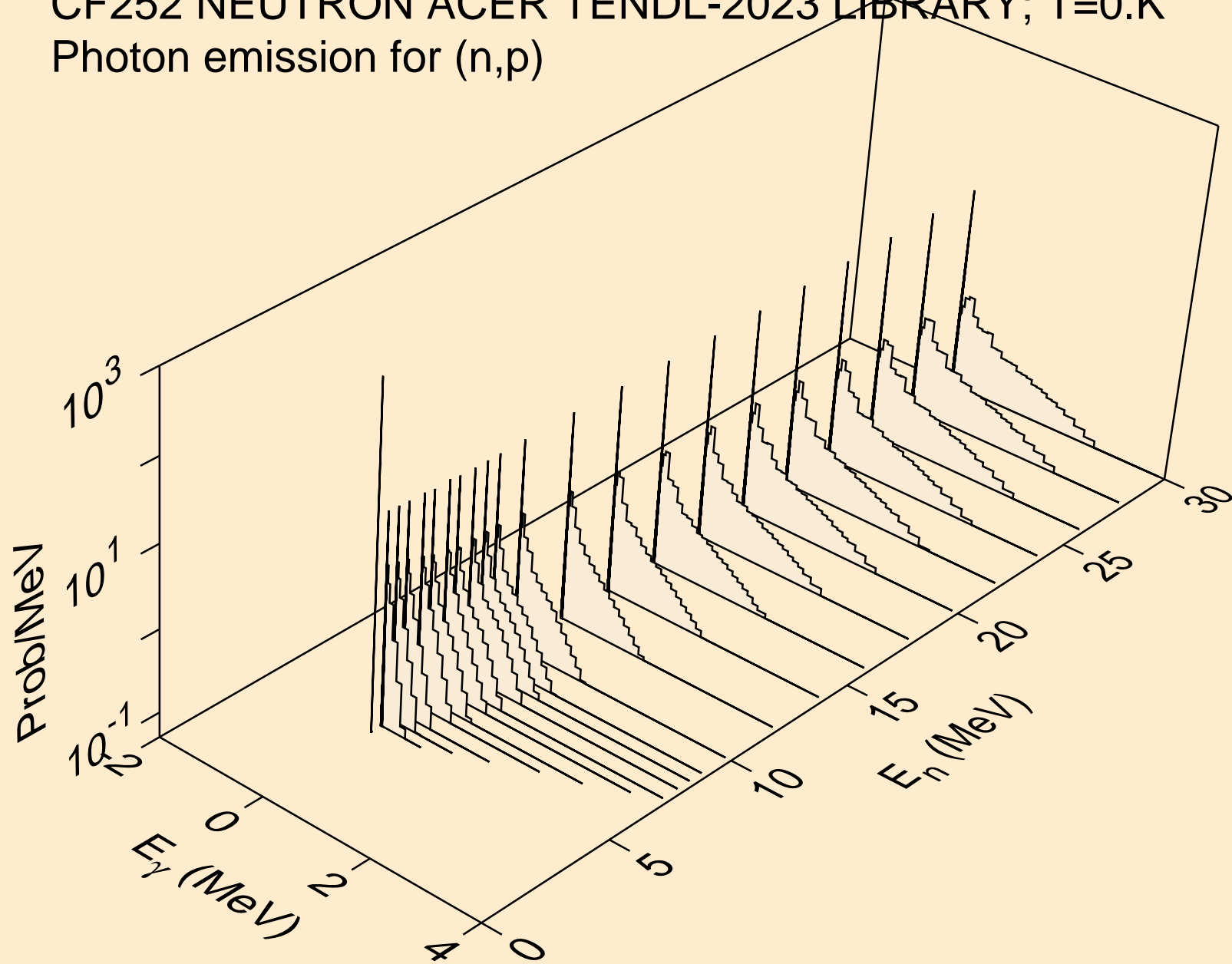


CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)

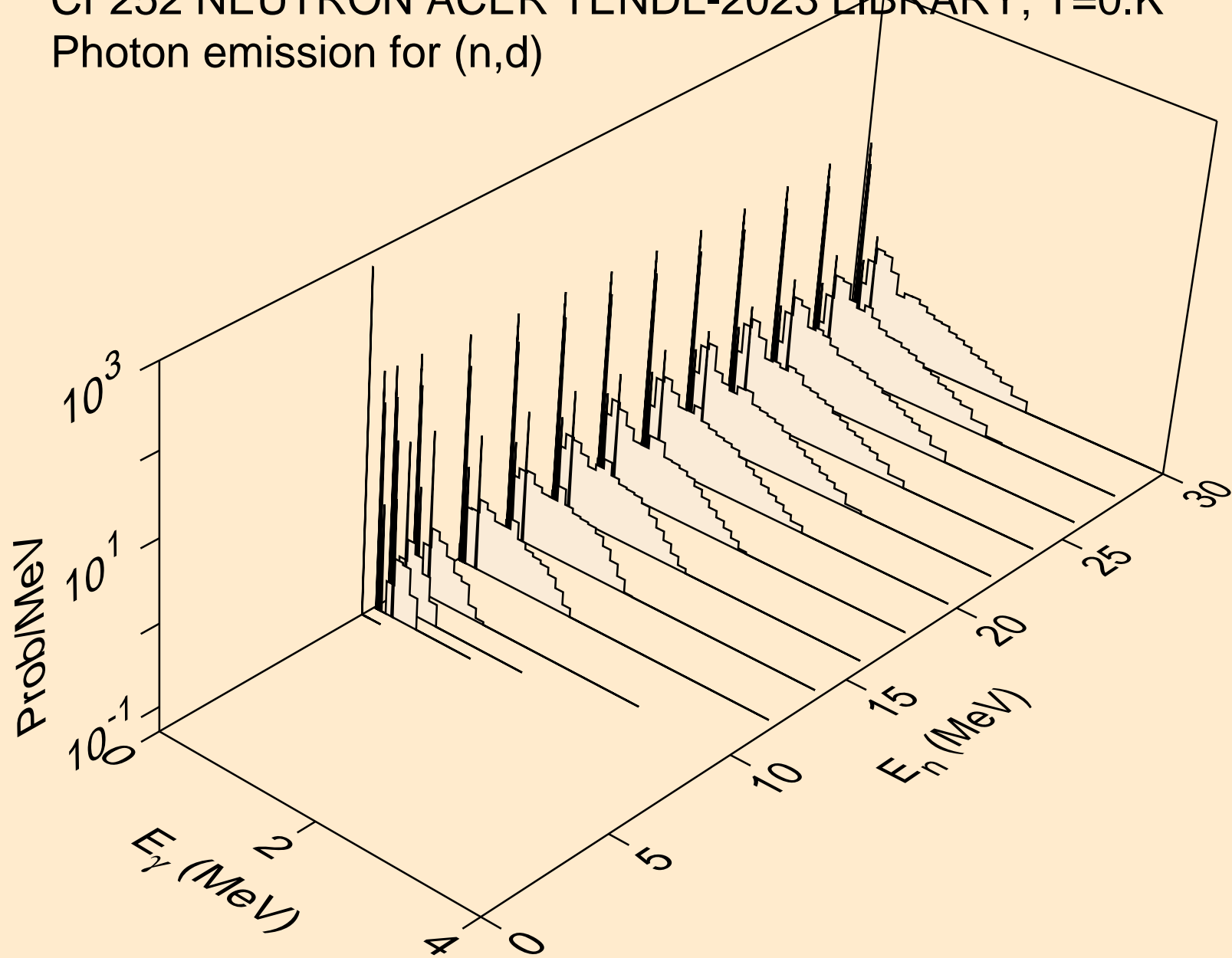




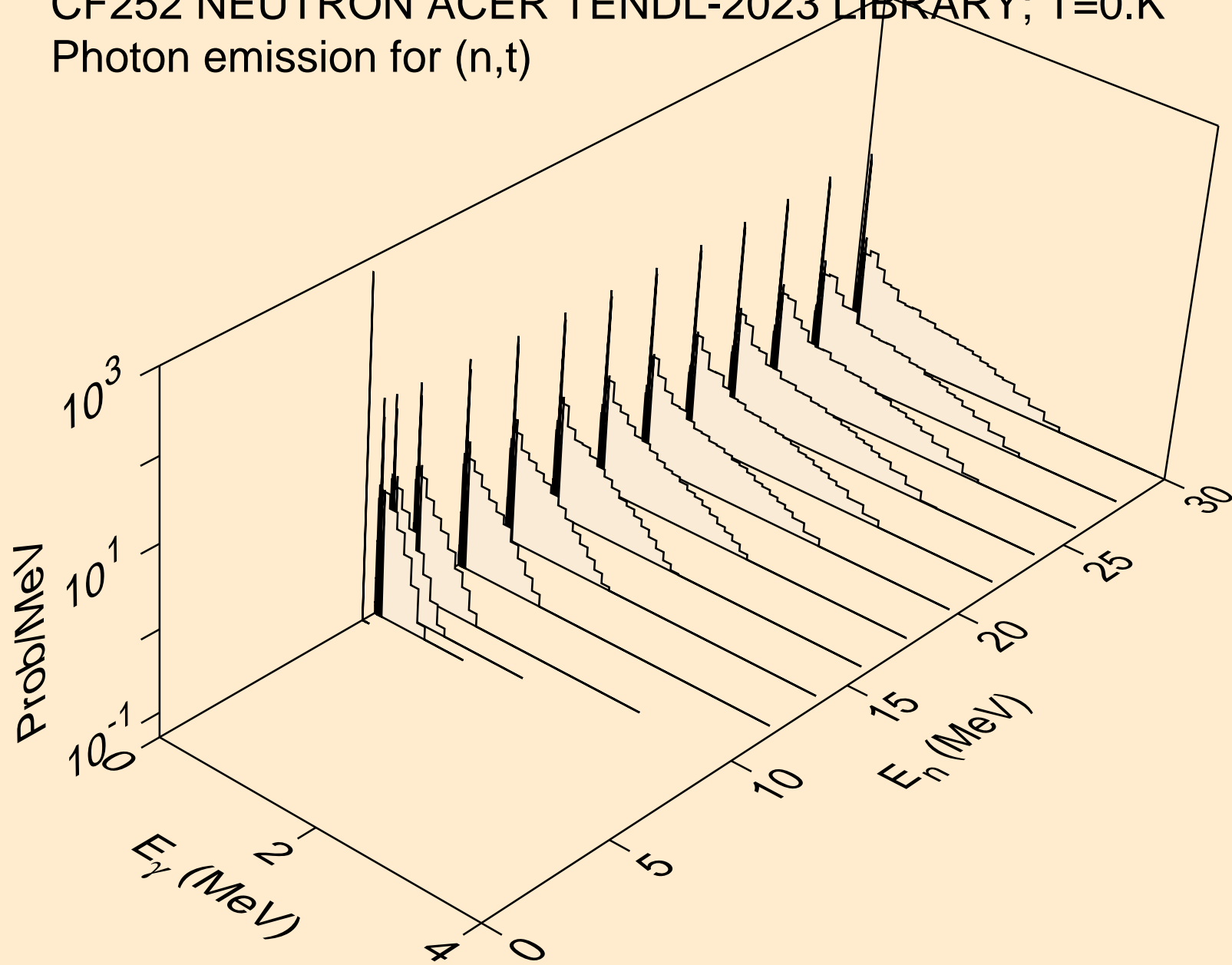
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Photon emission for (n,p)



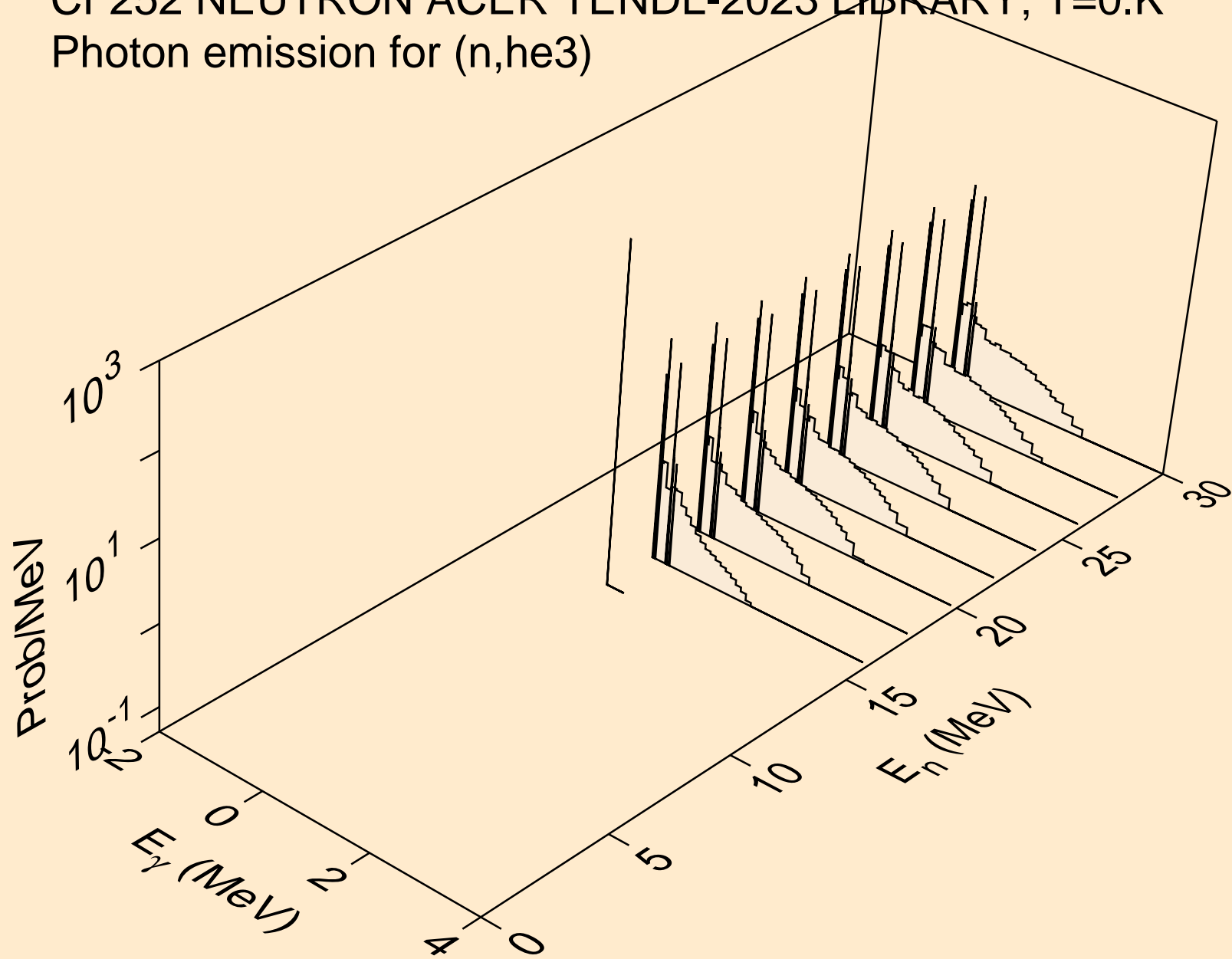
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Photon emission for (n,d)



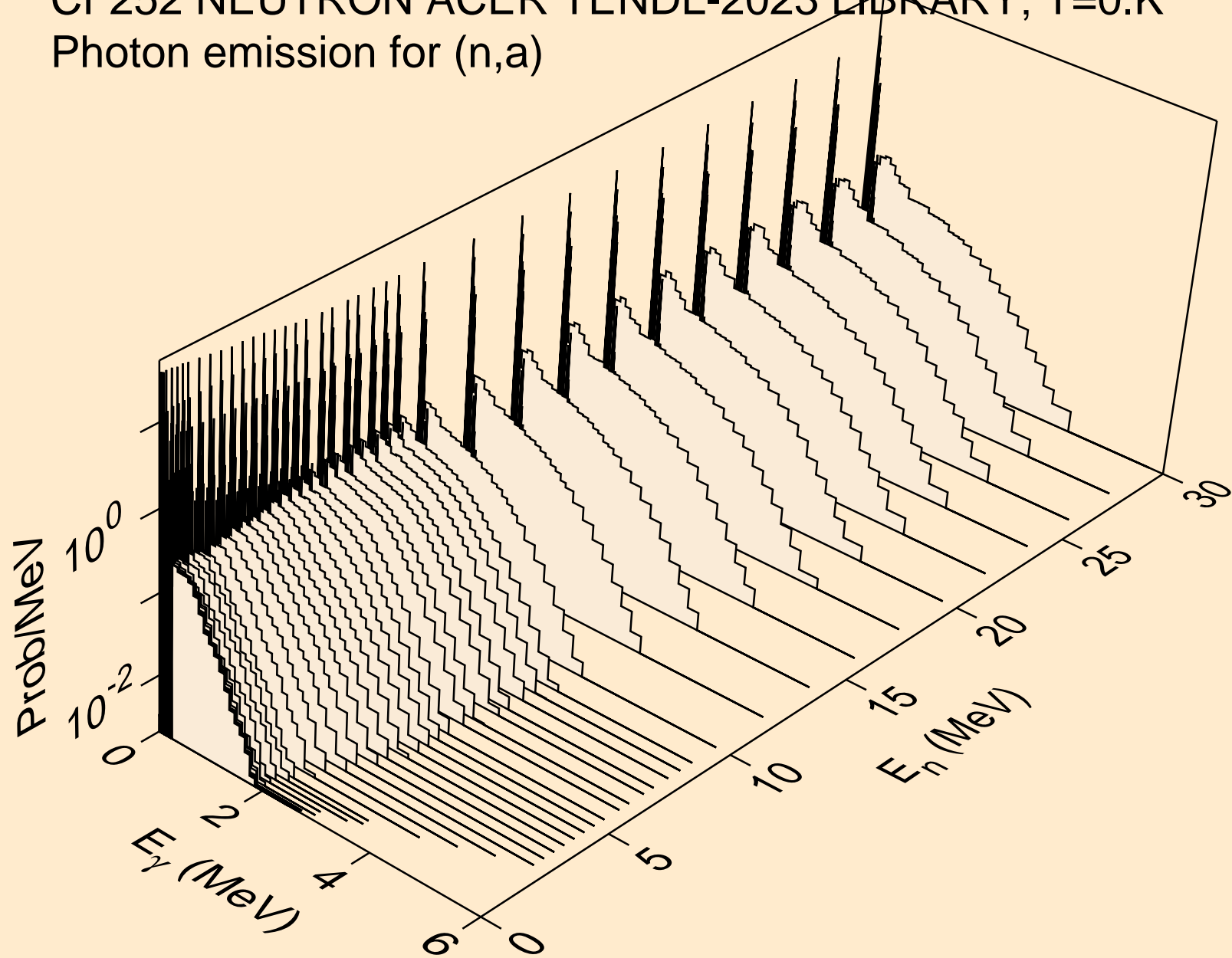
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Photon emission for (n,t)



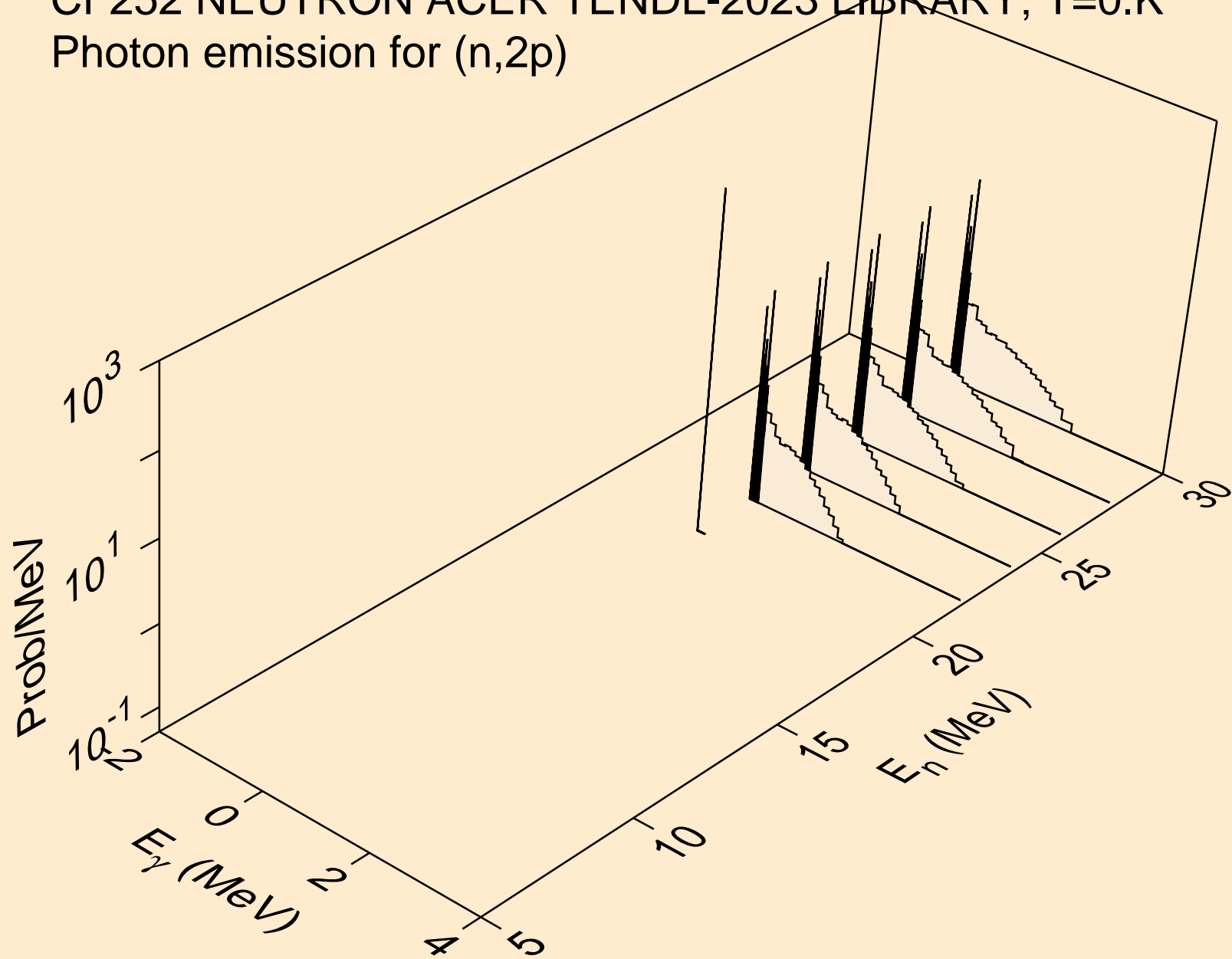
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Photon emission for (n,he3)



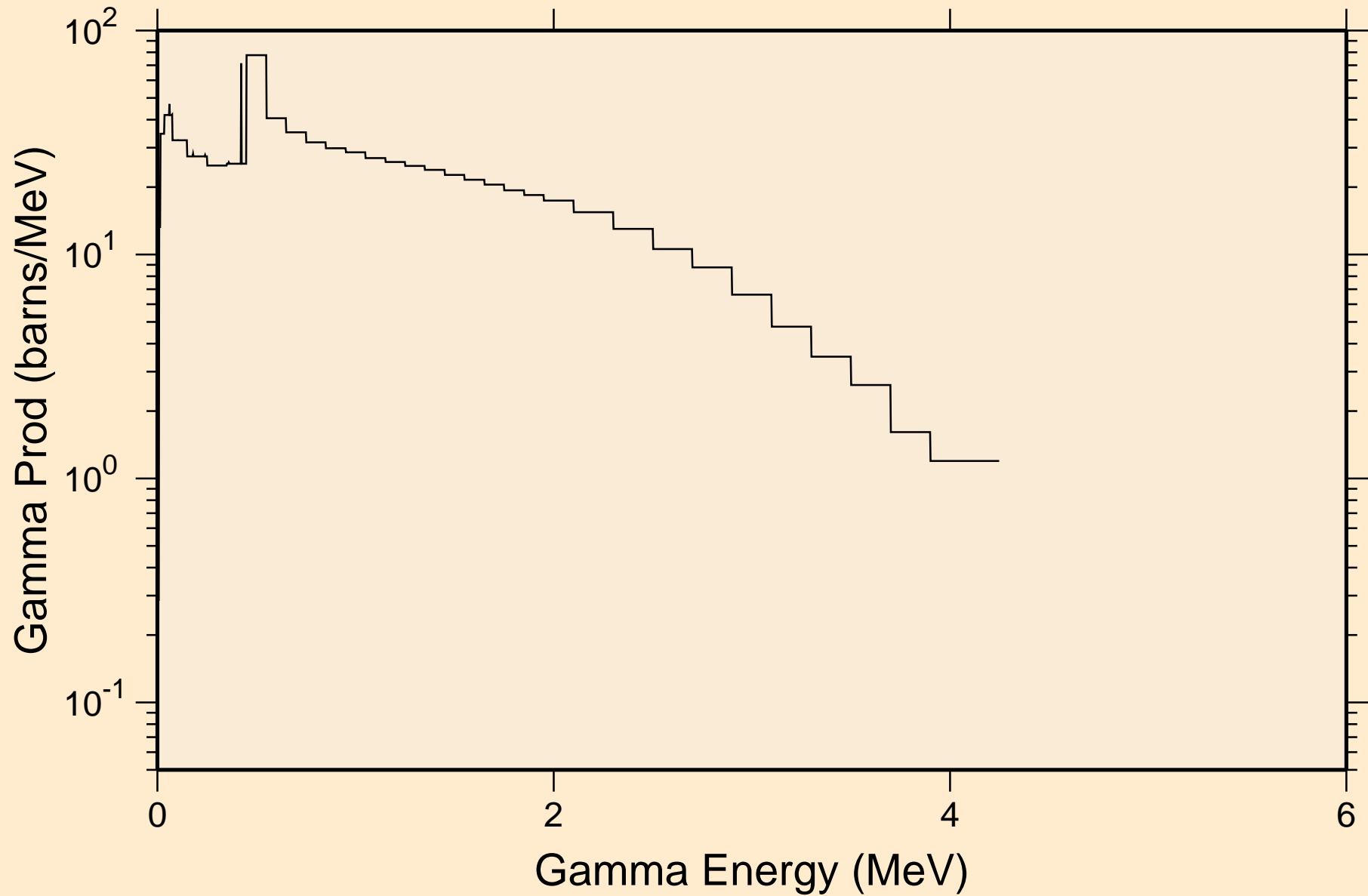
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Photon emission for (n,a)



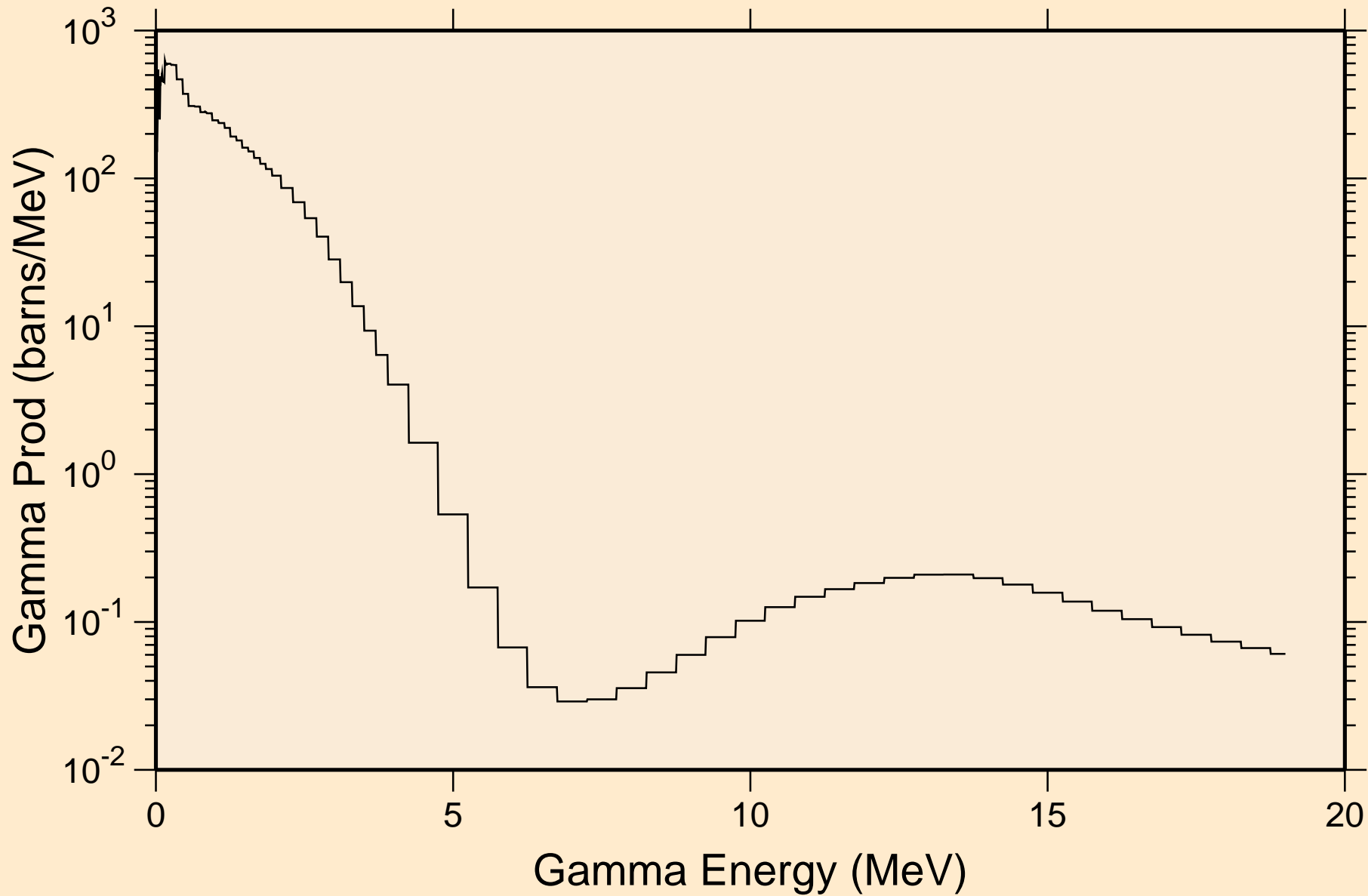
CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum



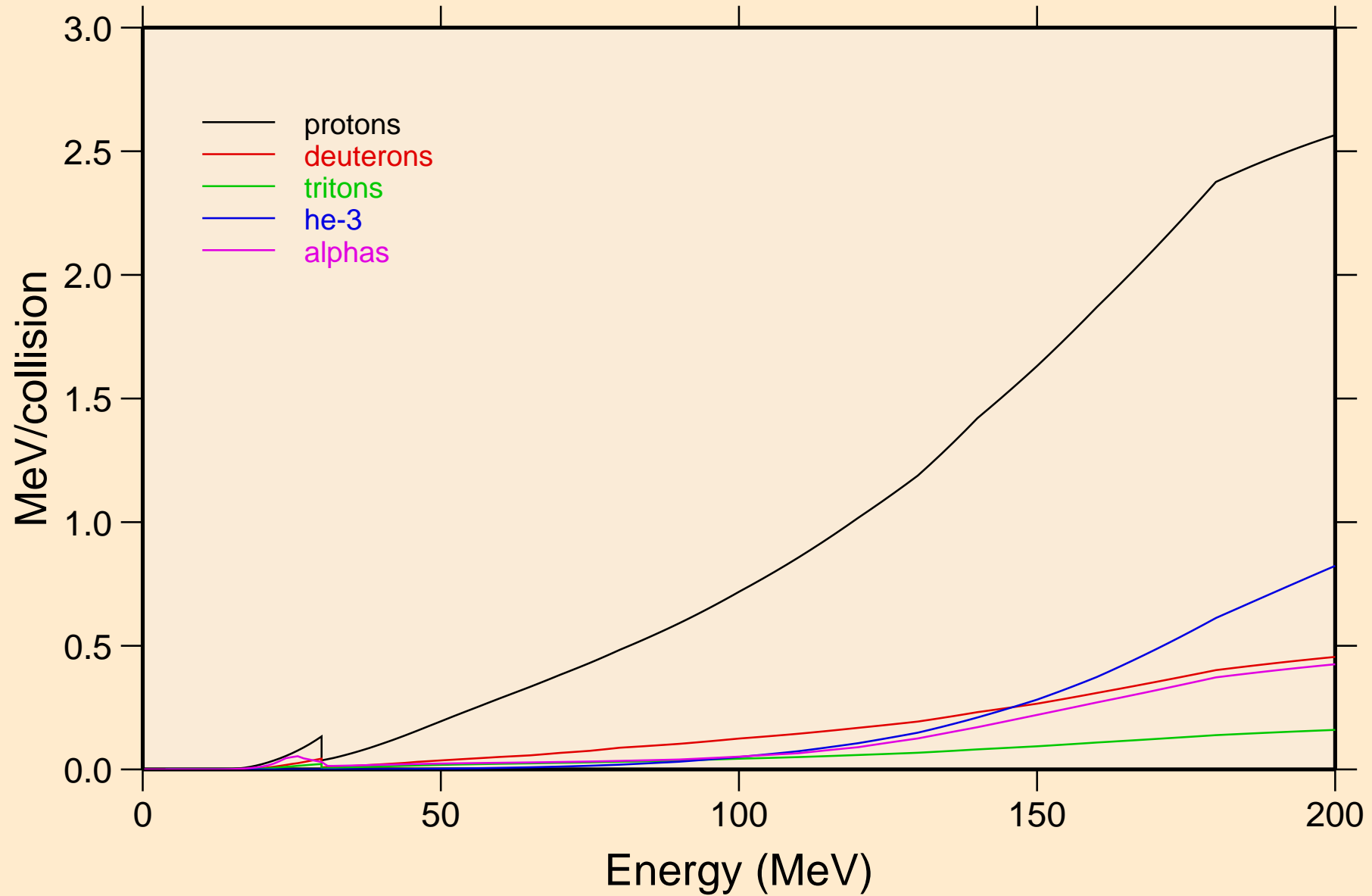
CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum



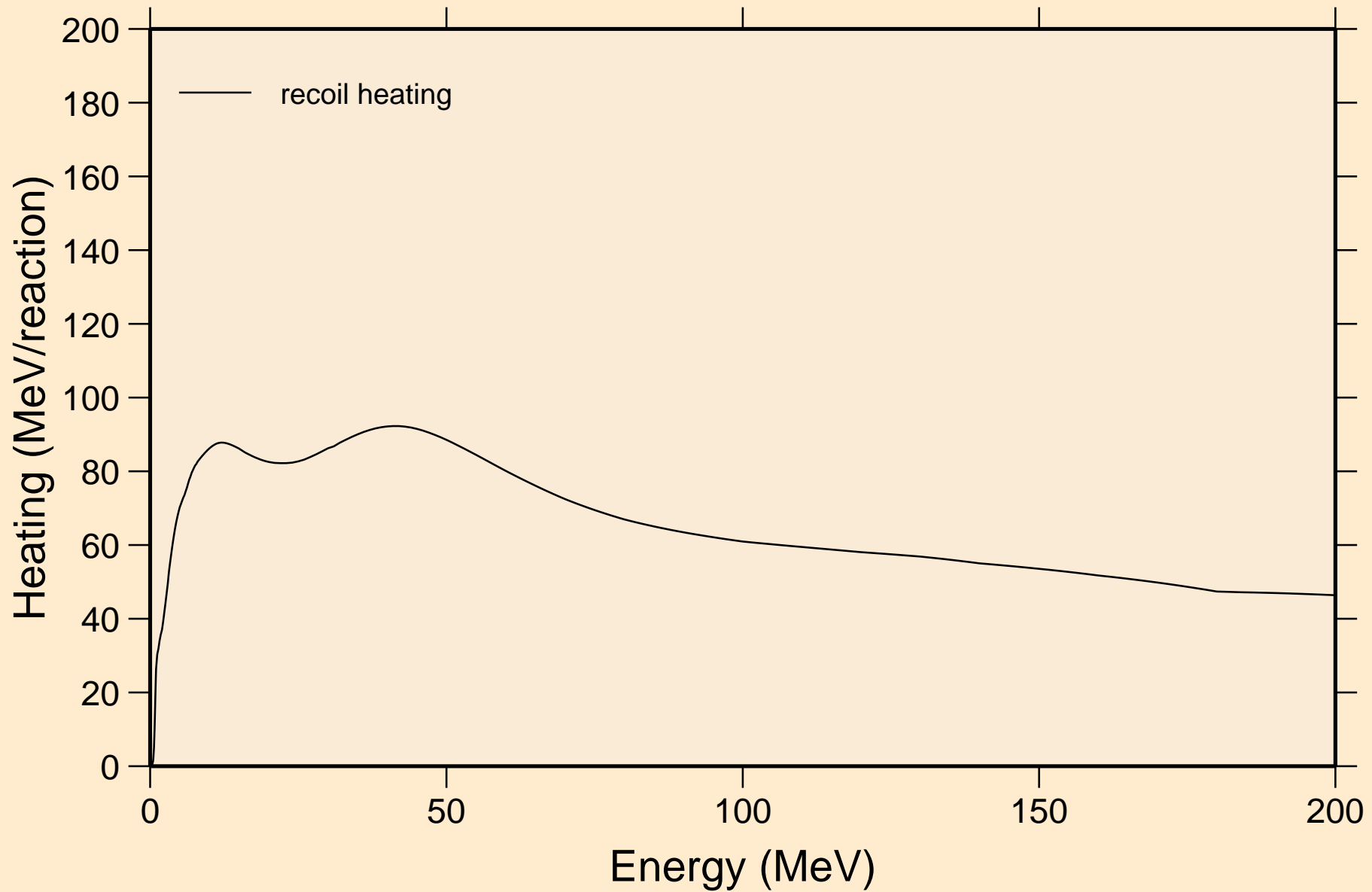


# CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions

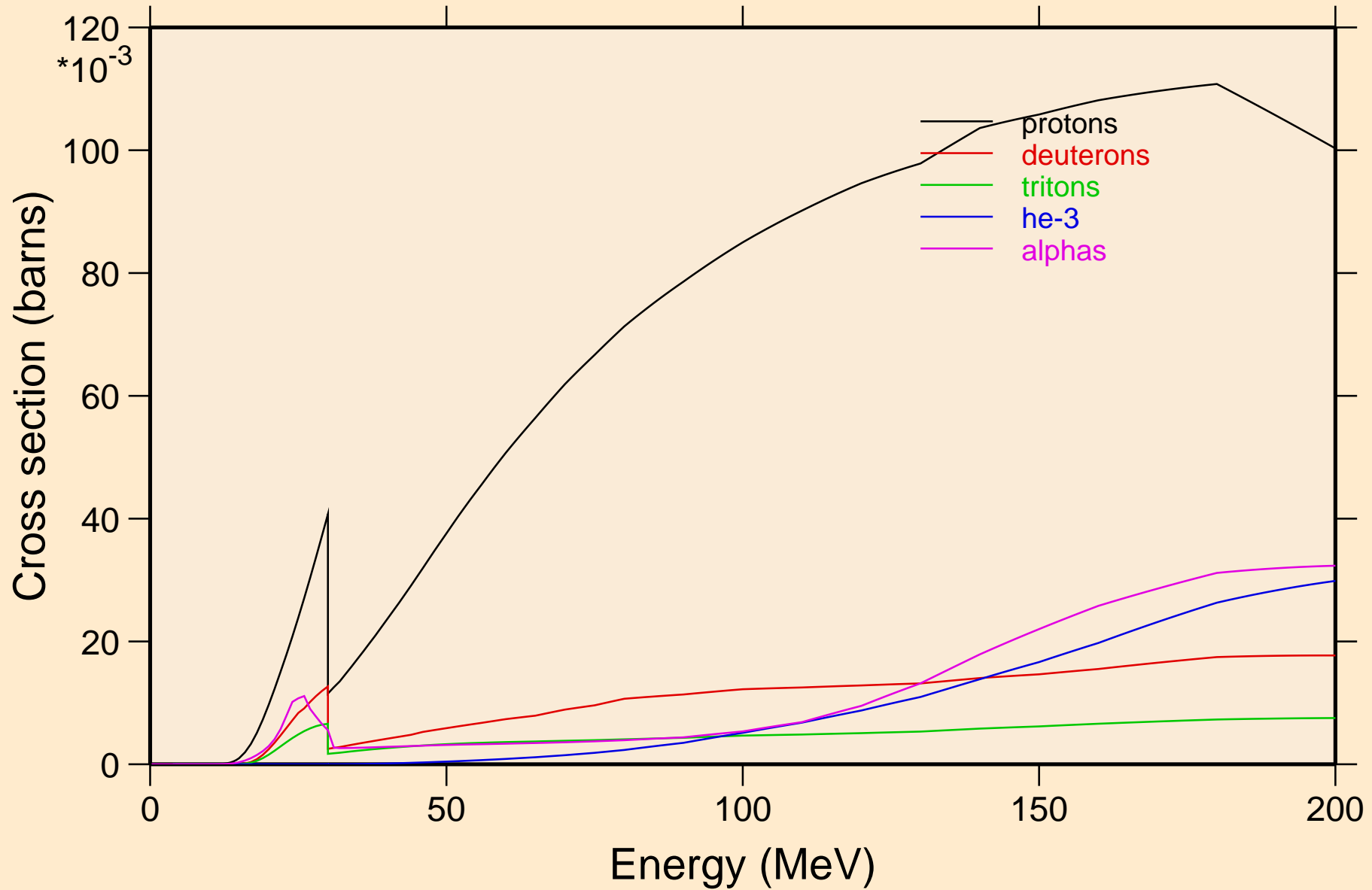


CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

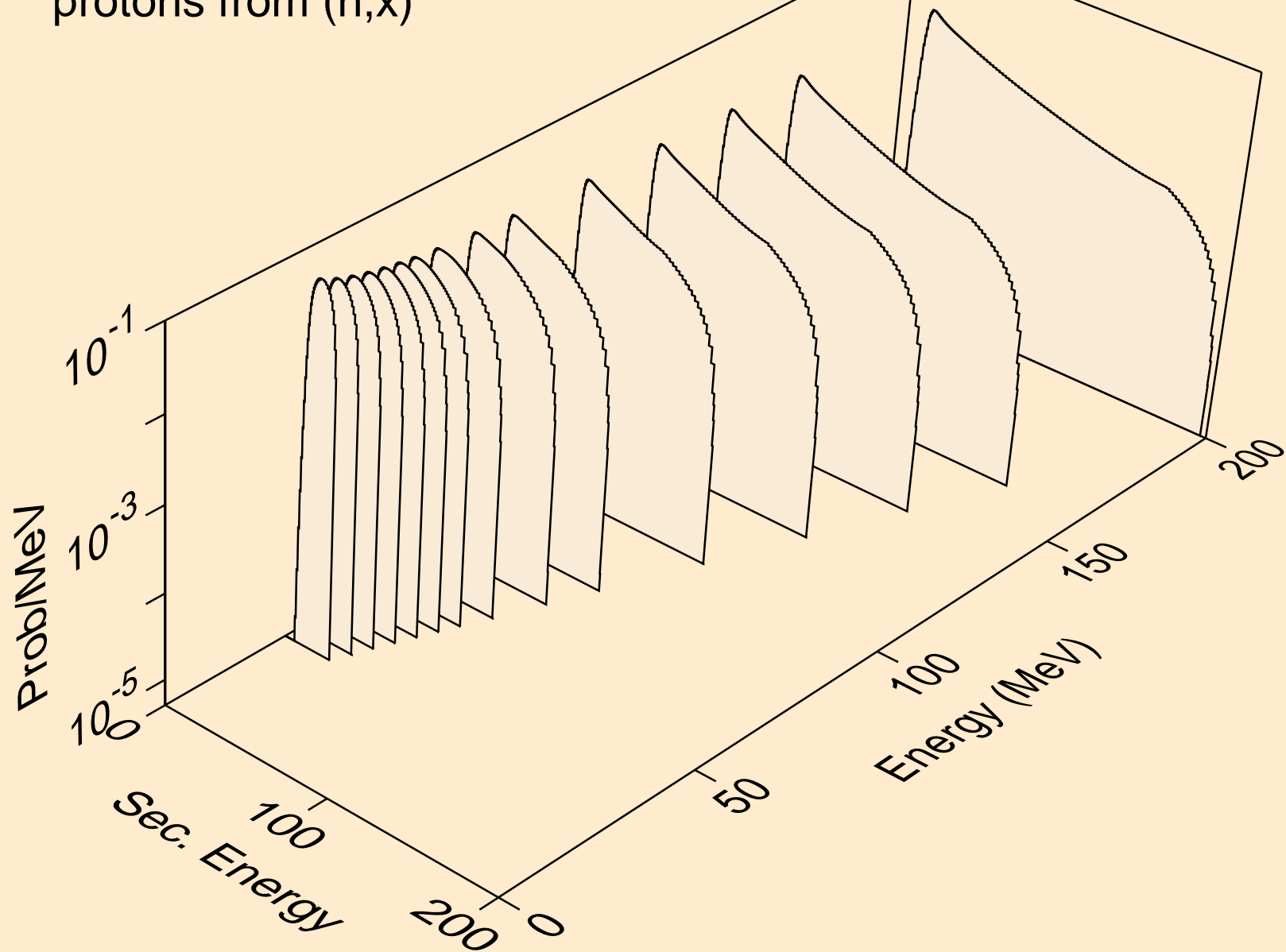


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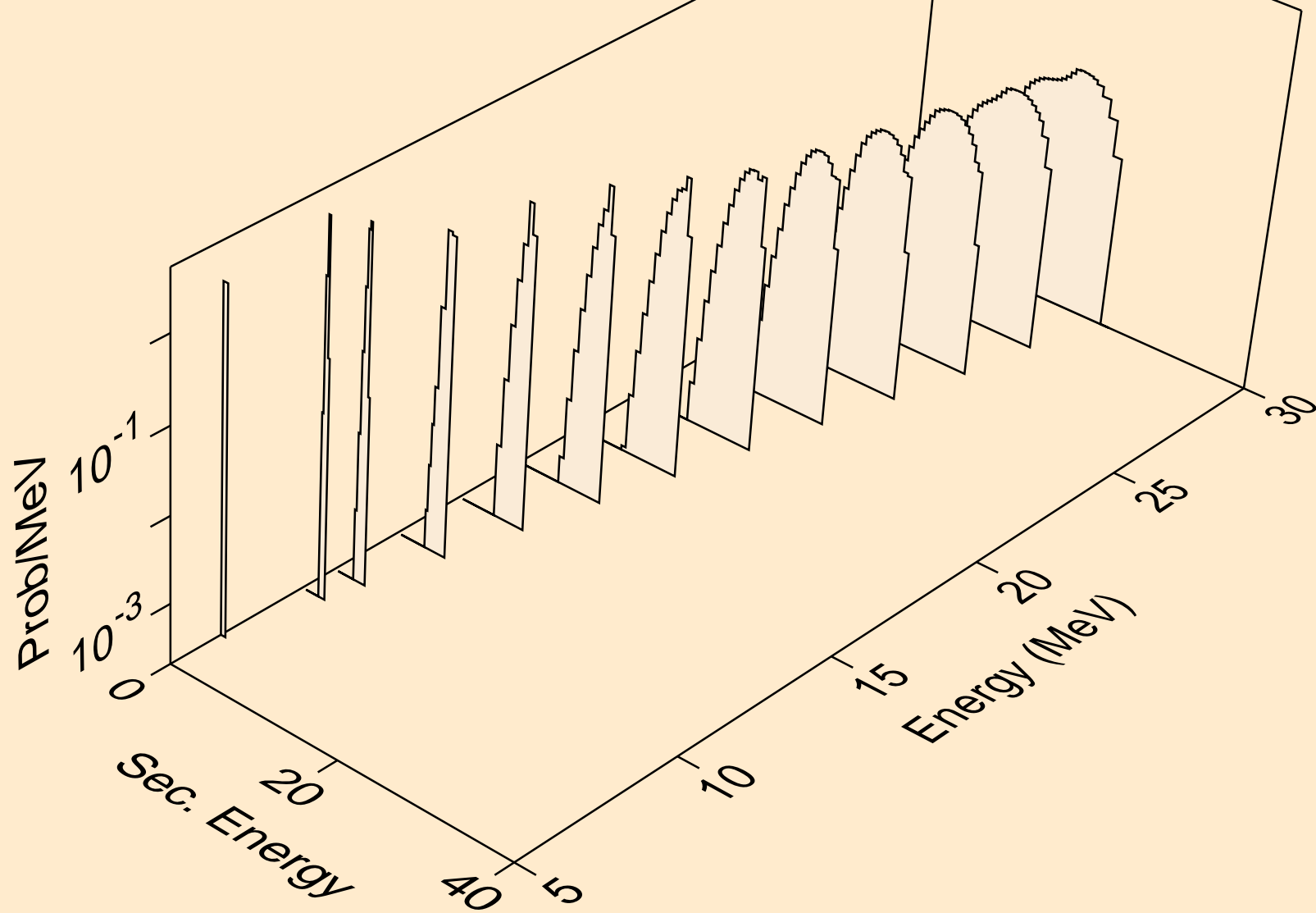
## Particle production cross sections



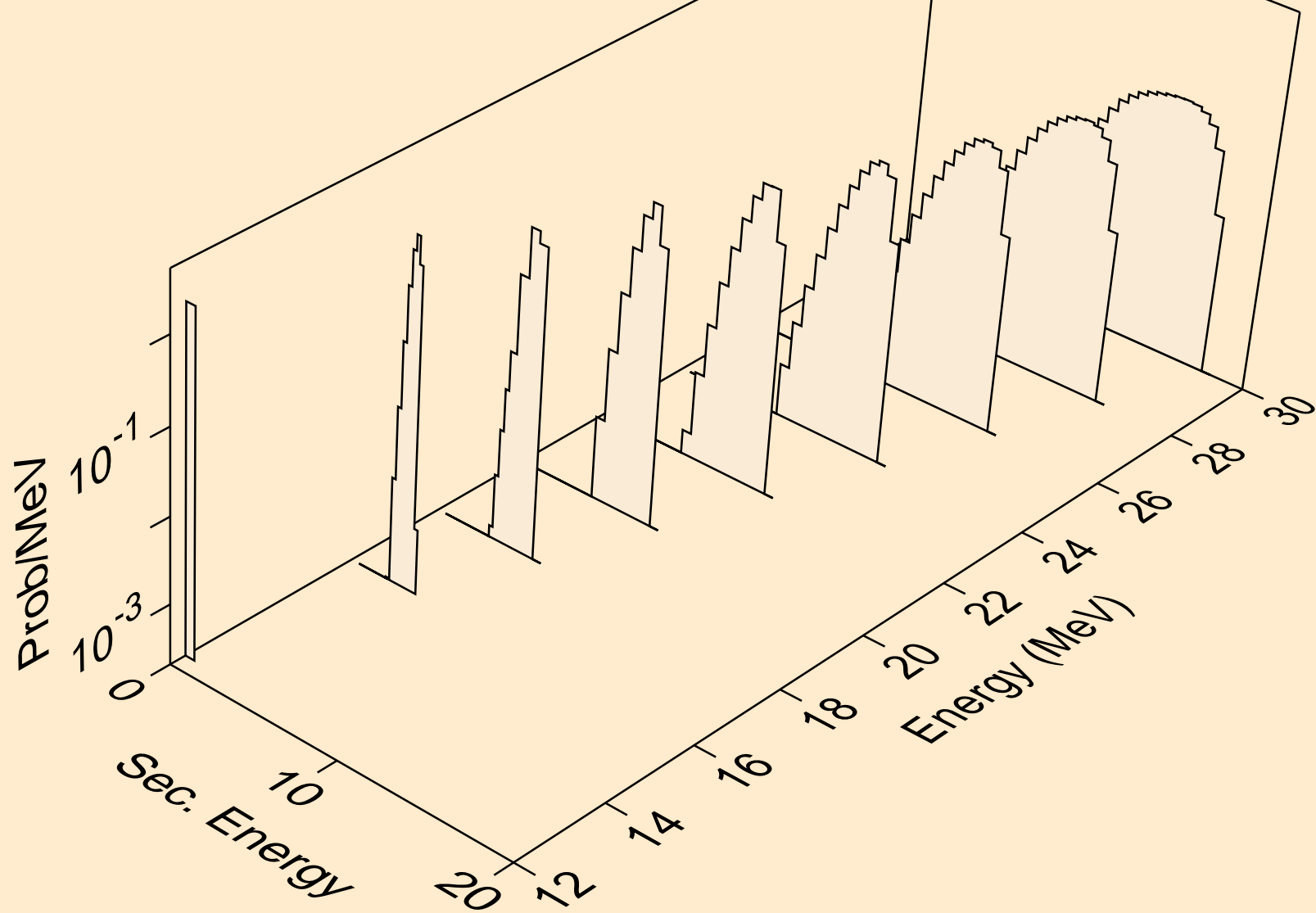
CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



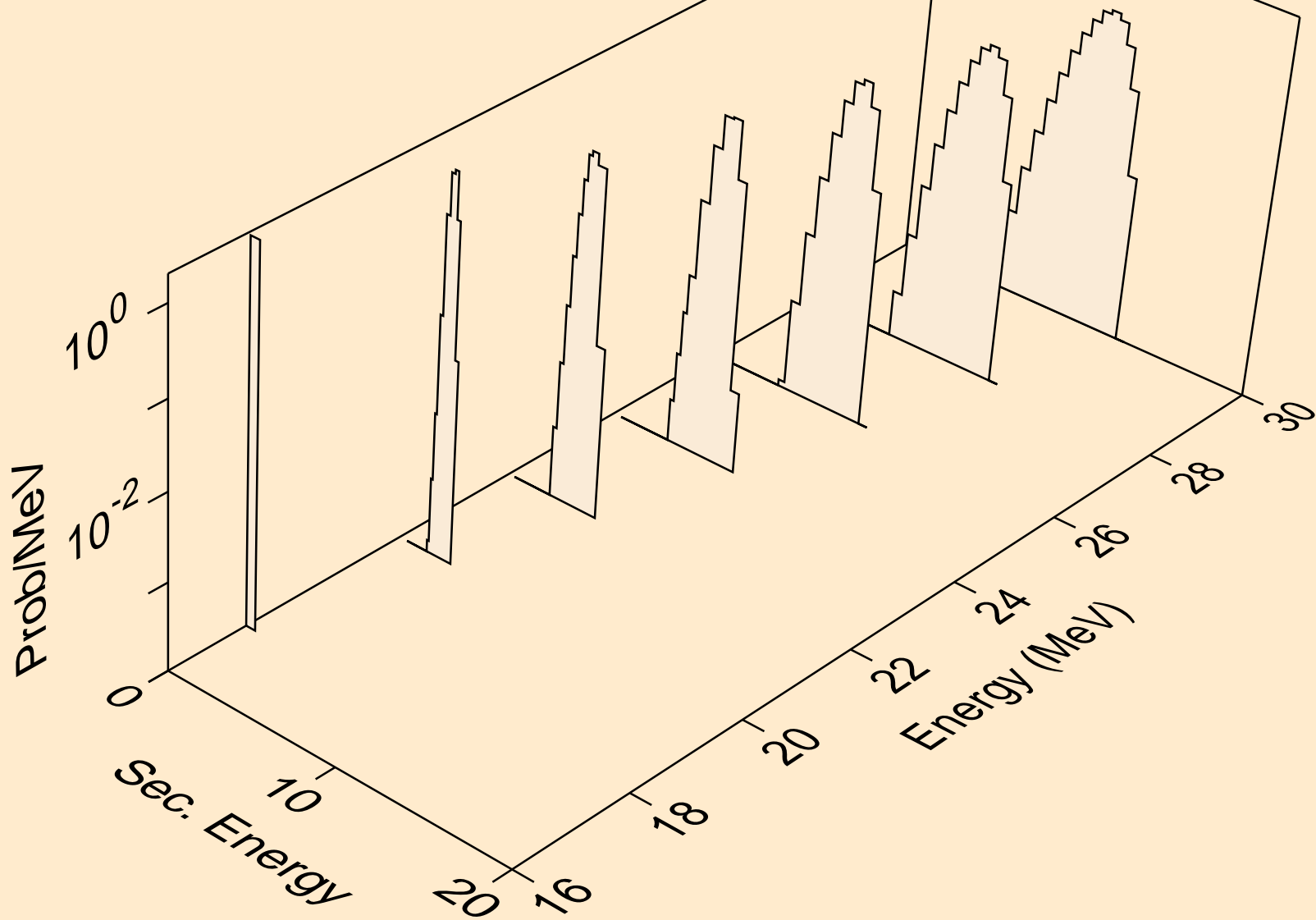
CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p



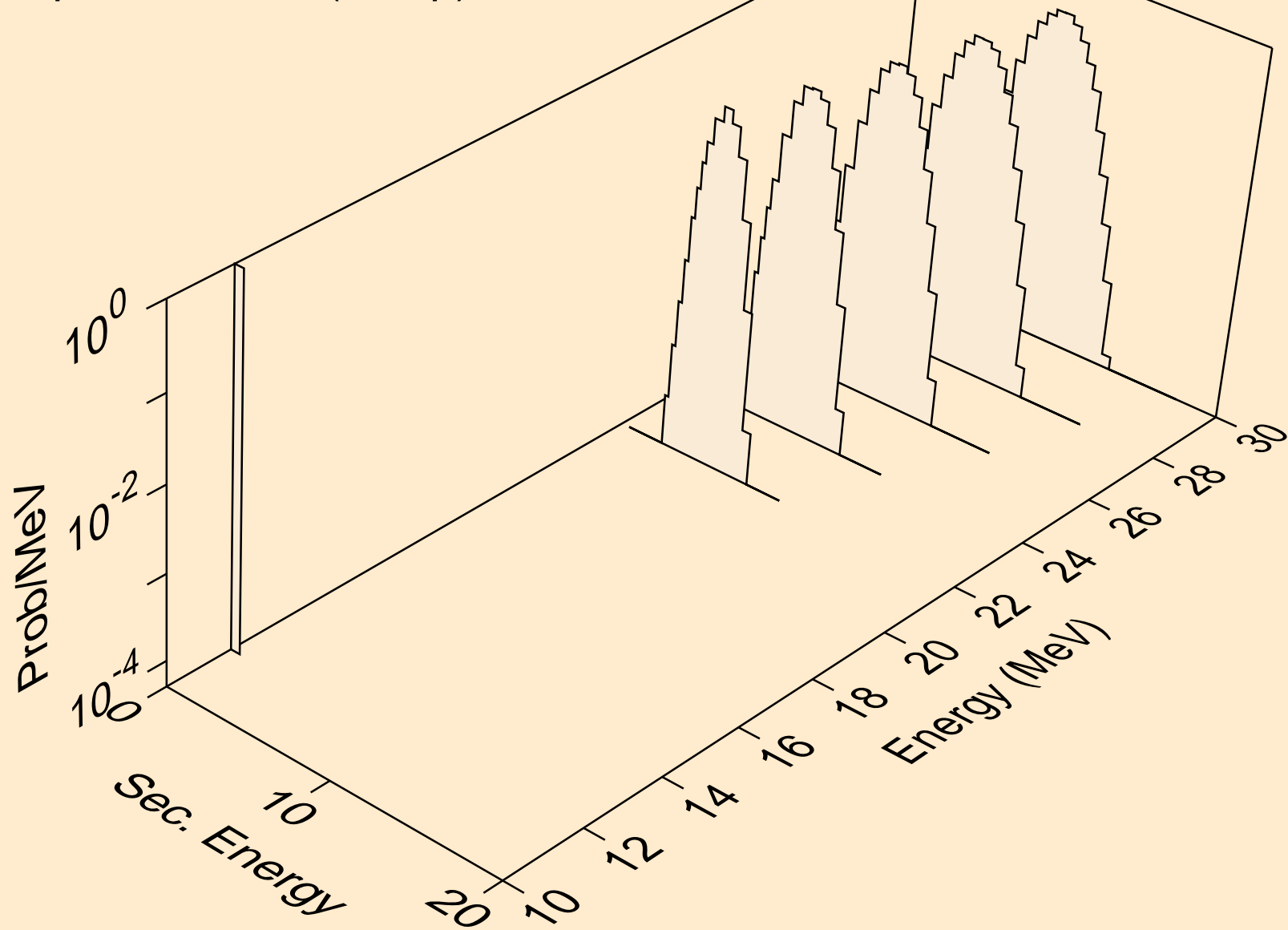
CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2np)



CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,3np)

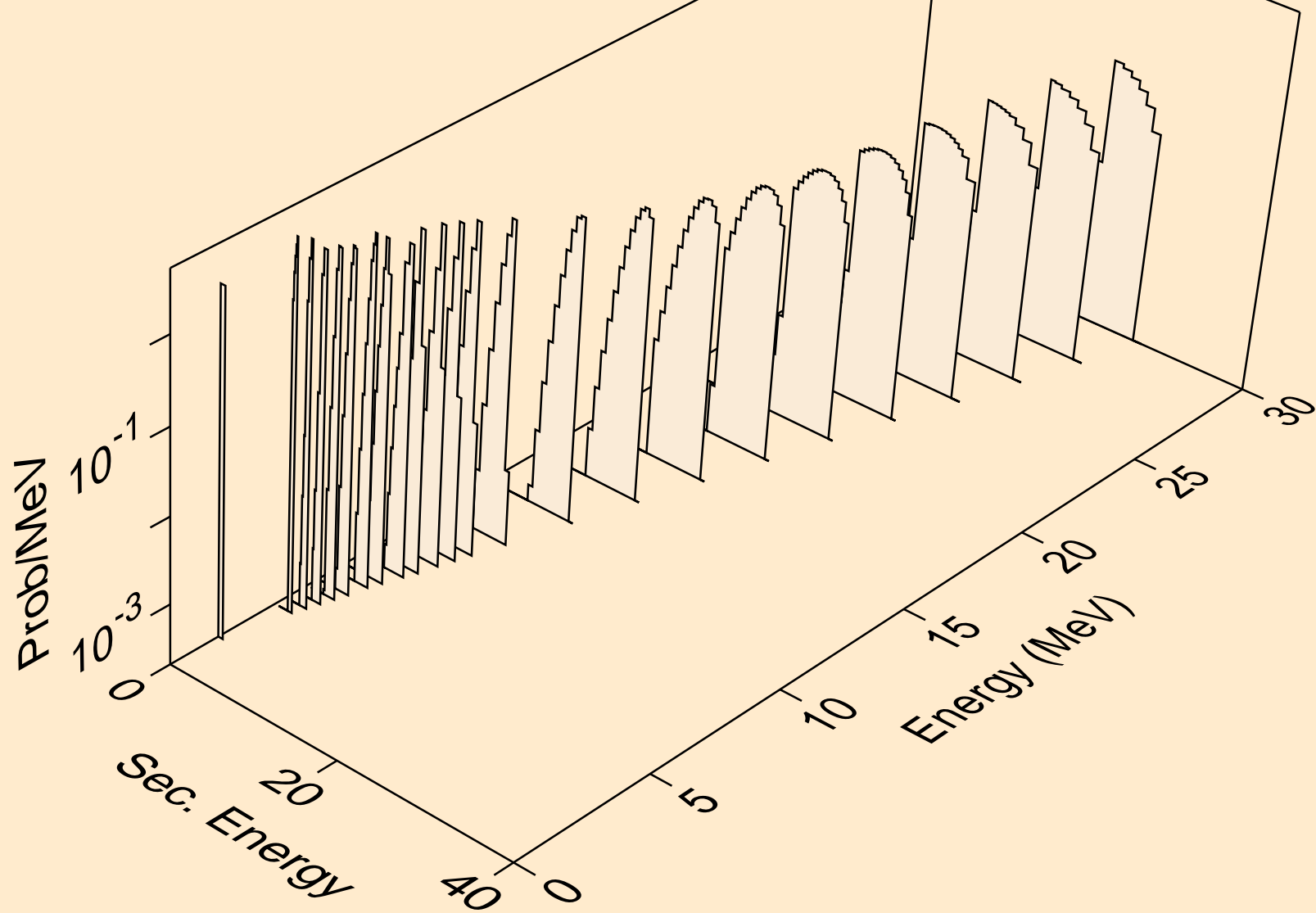


CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n2p)

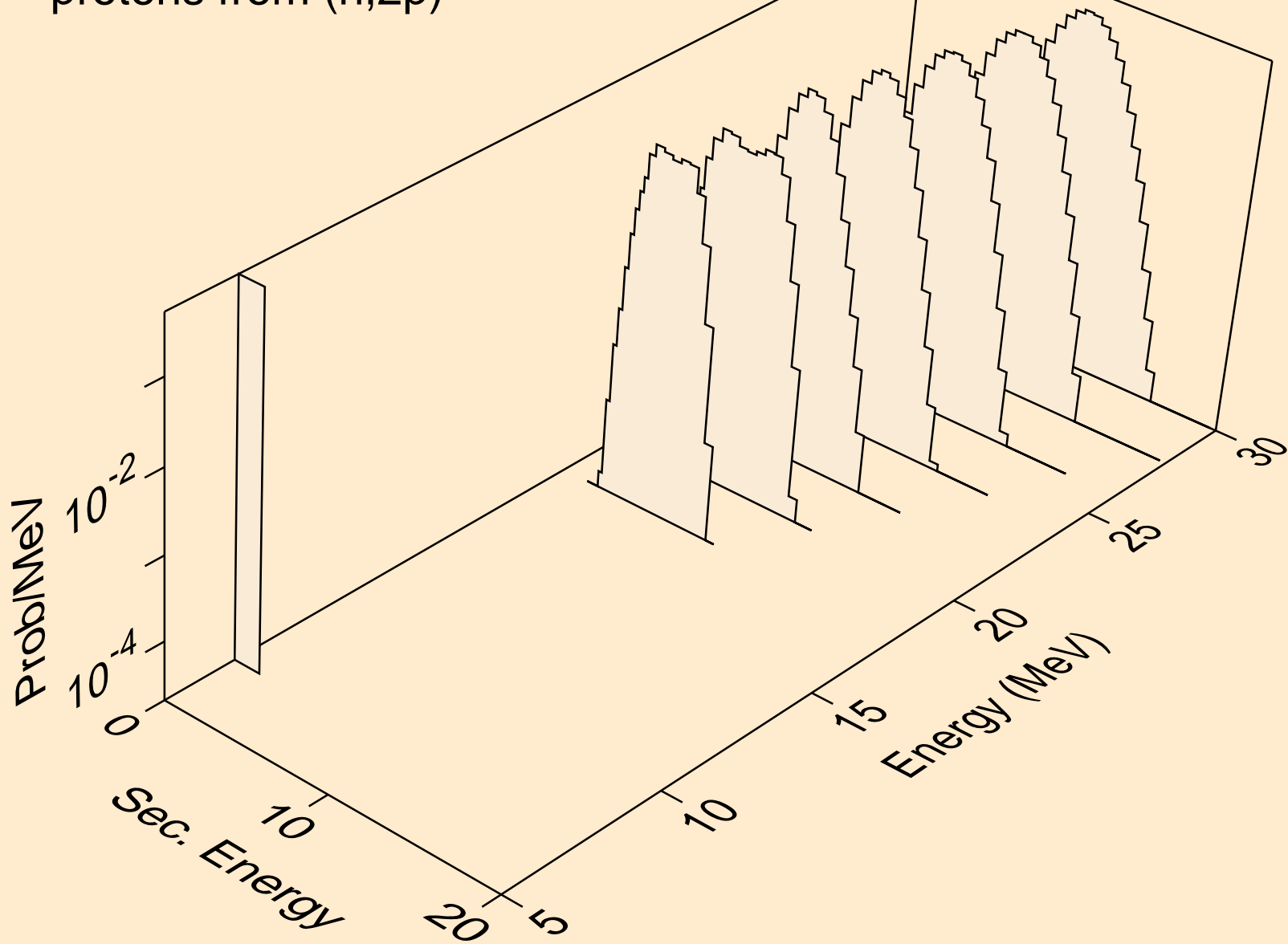




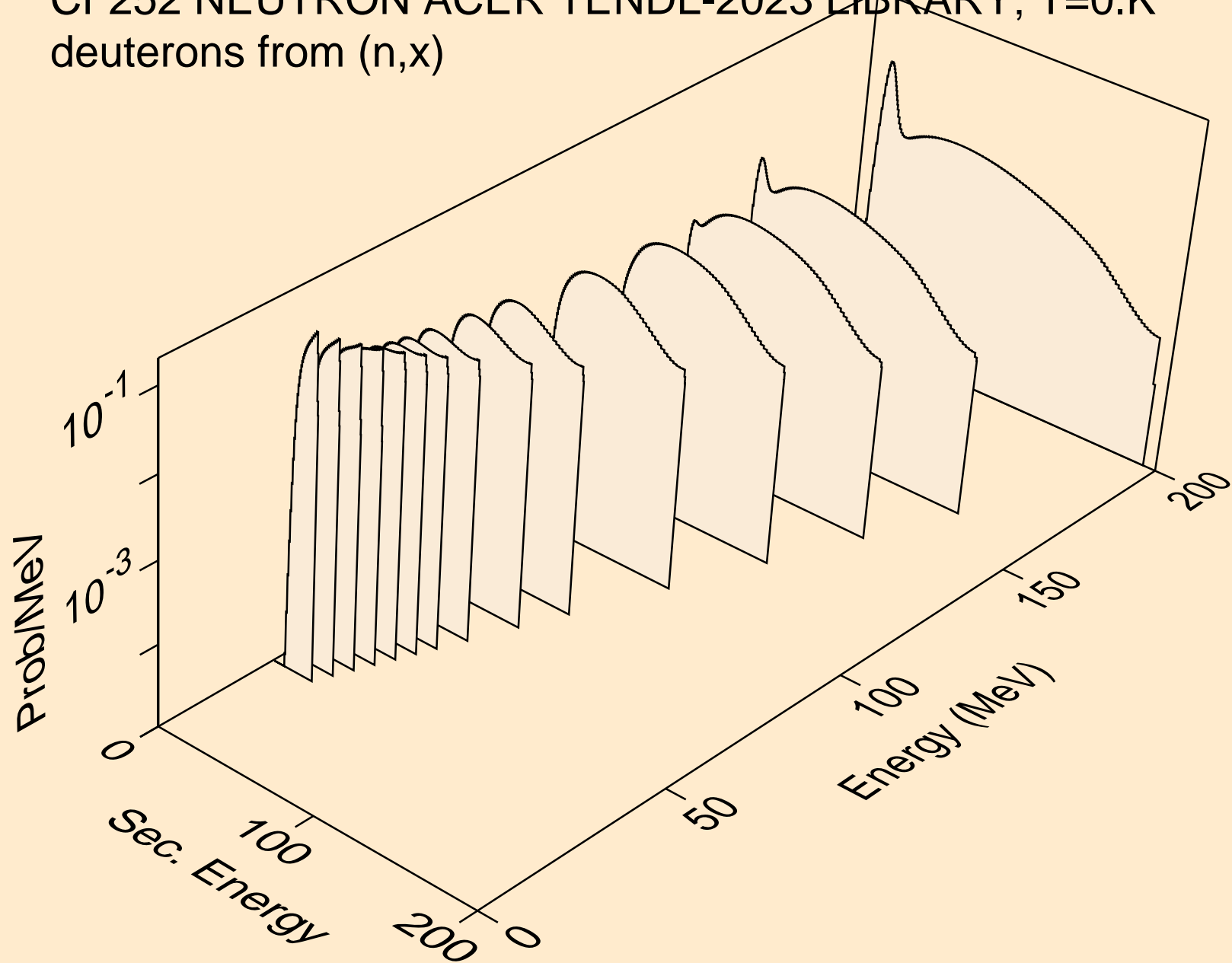
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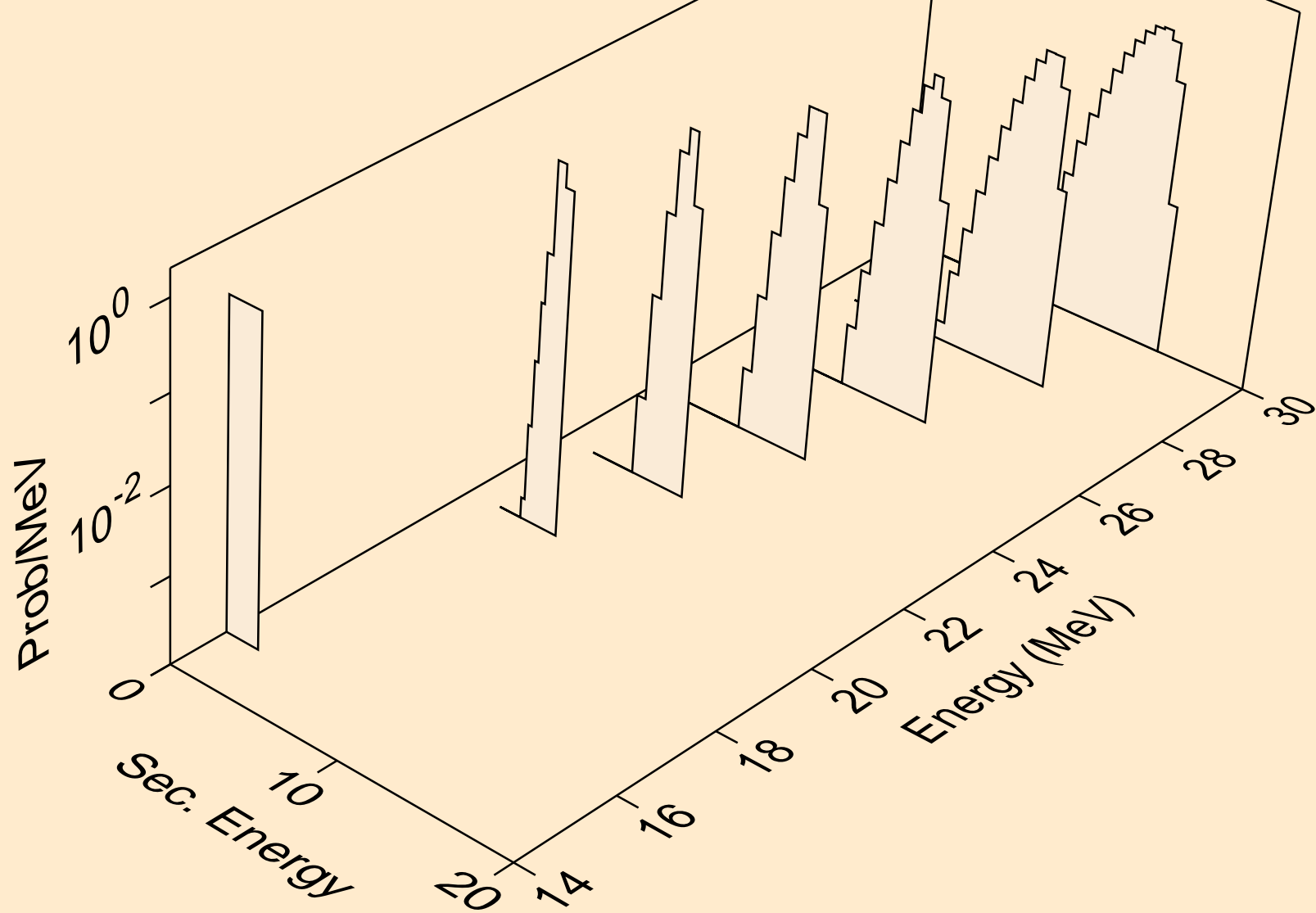
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protons from (n,2p)



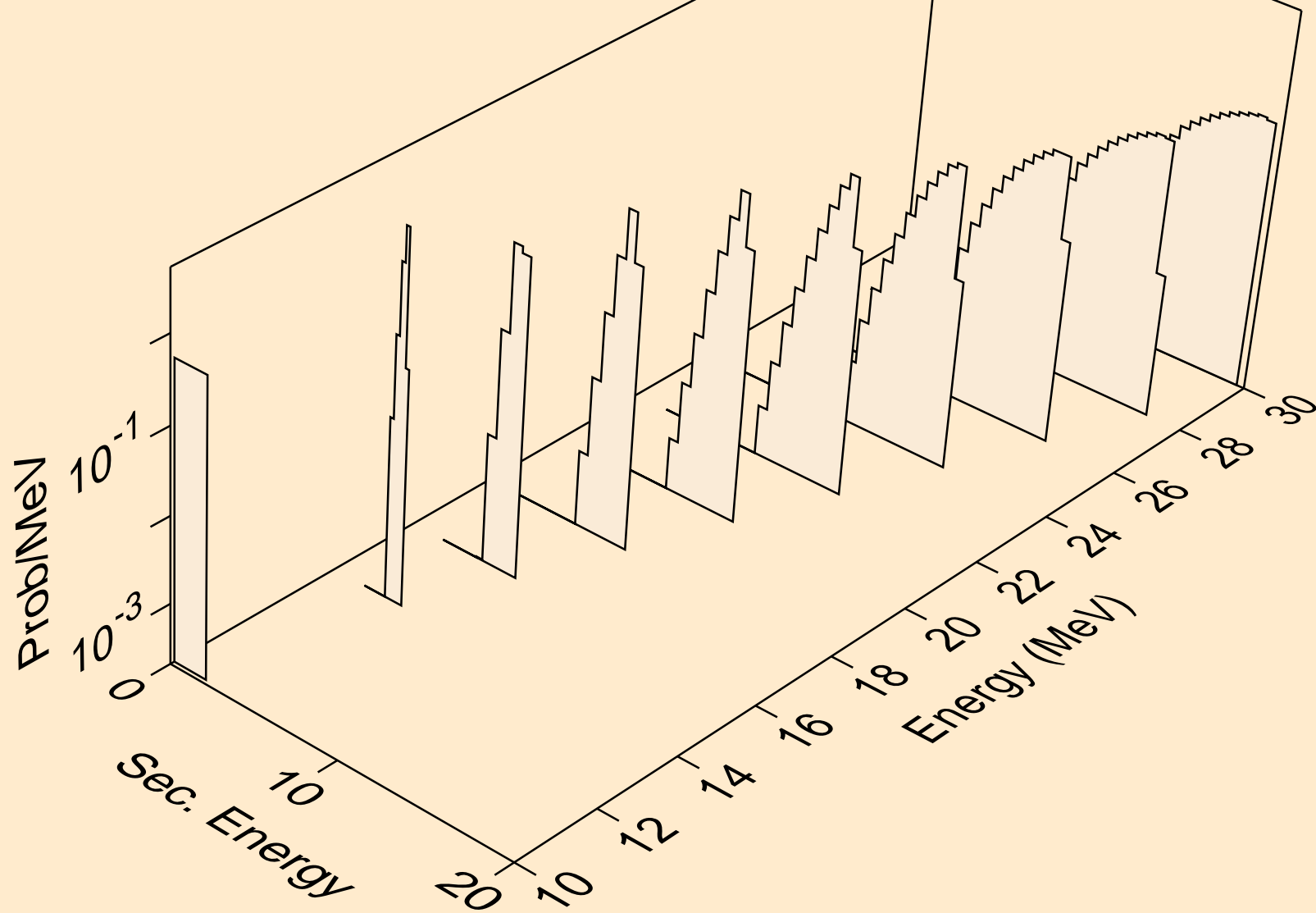
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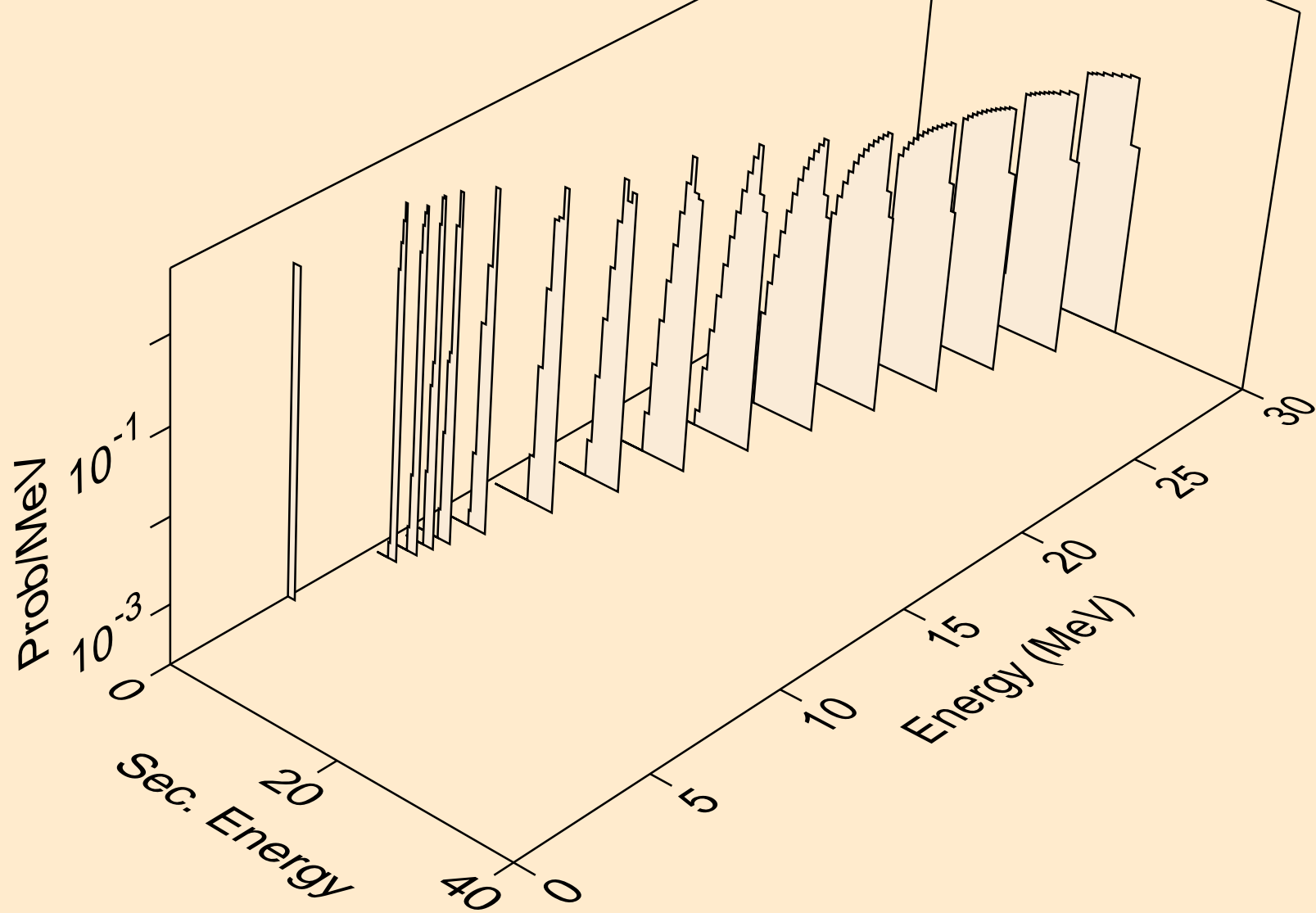
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deuterons from (n,2nd)



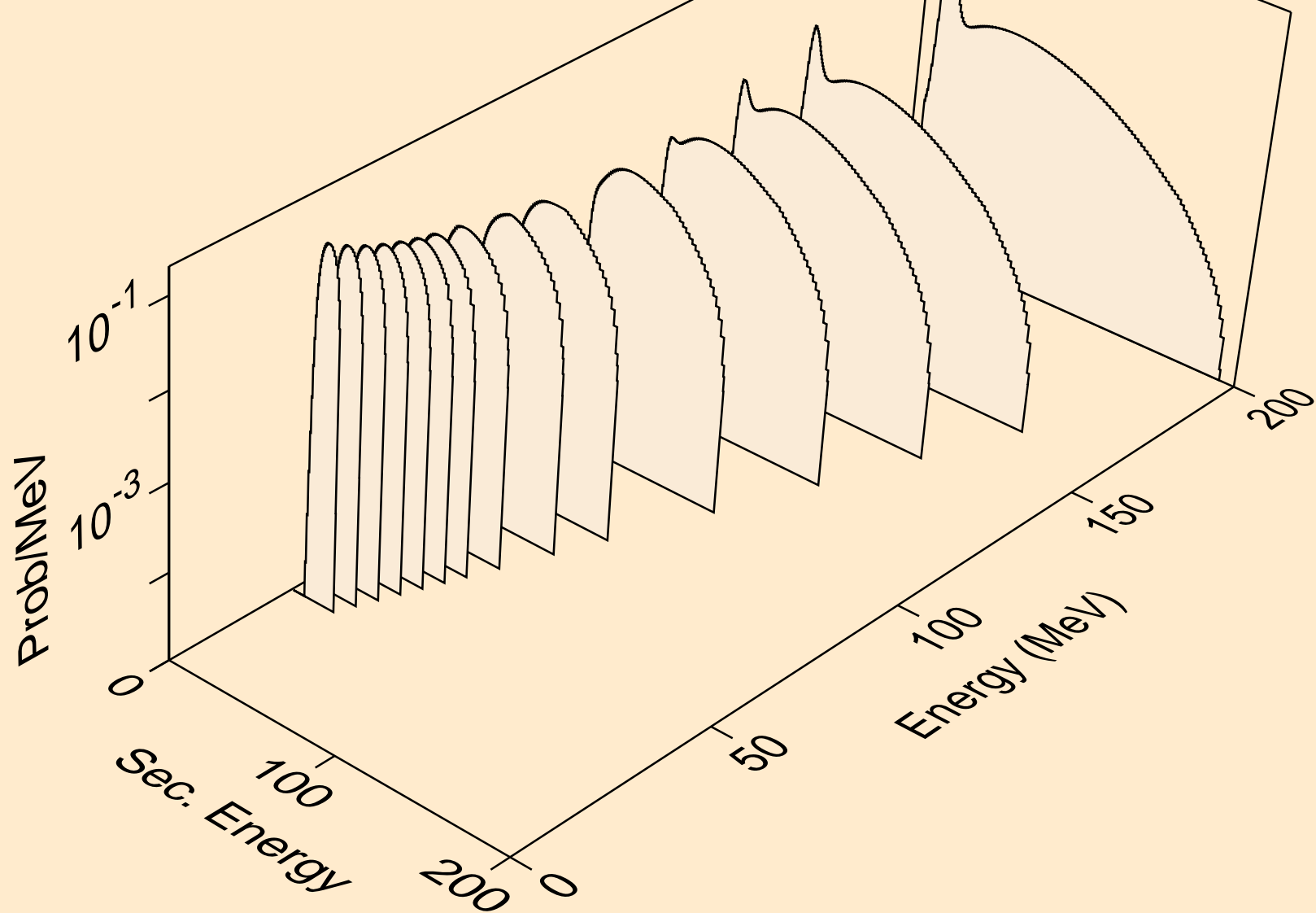
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deuterons from (n,n\*)d



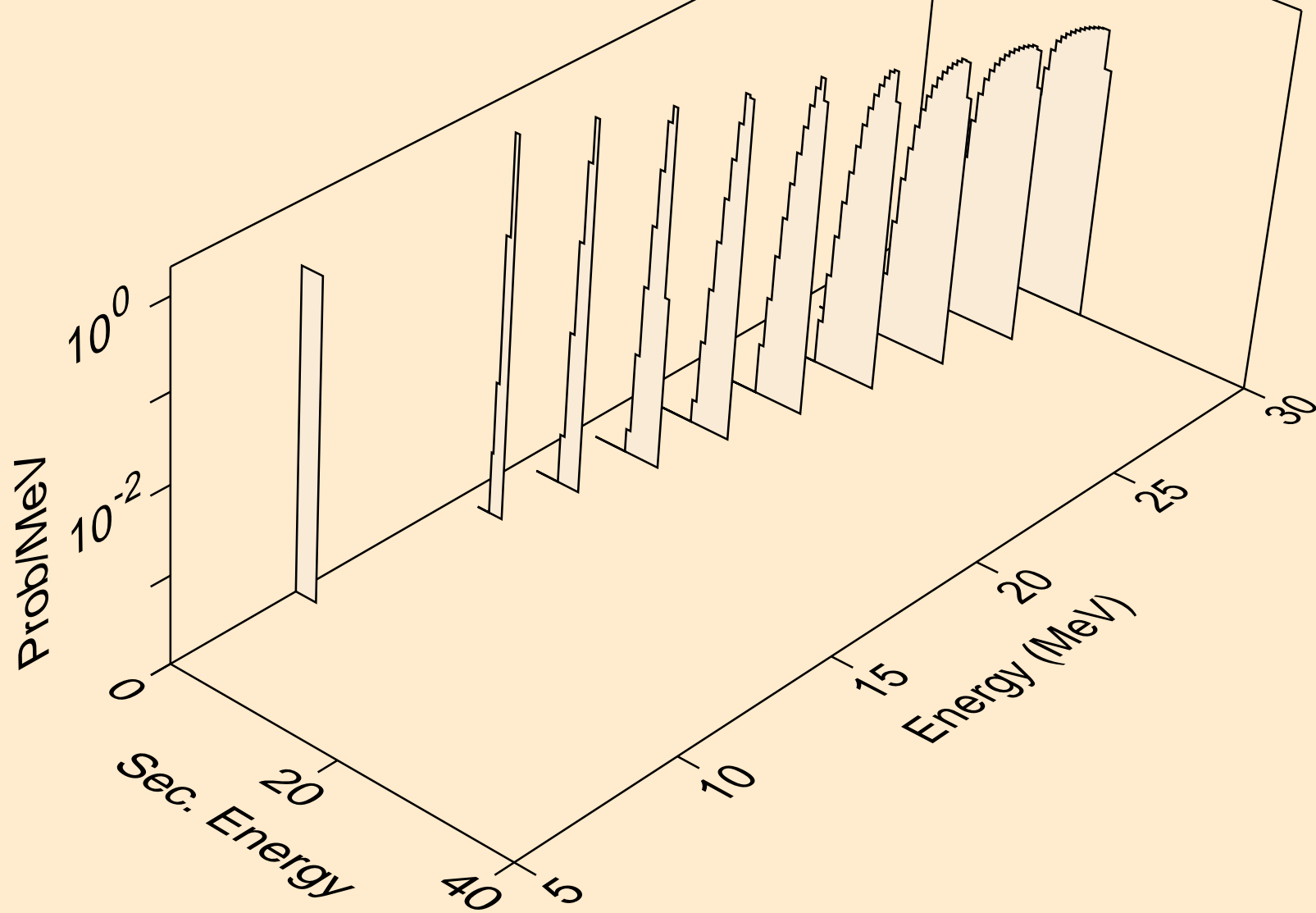
CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,d)



CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,x)

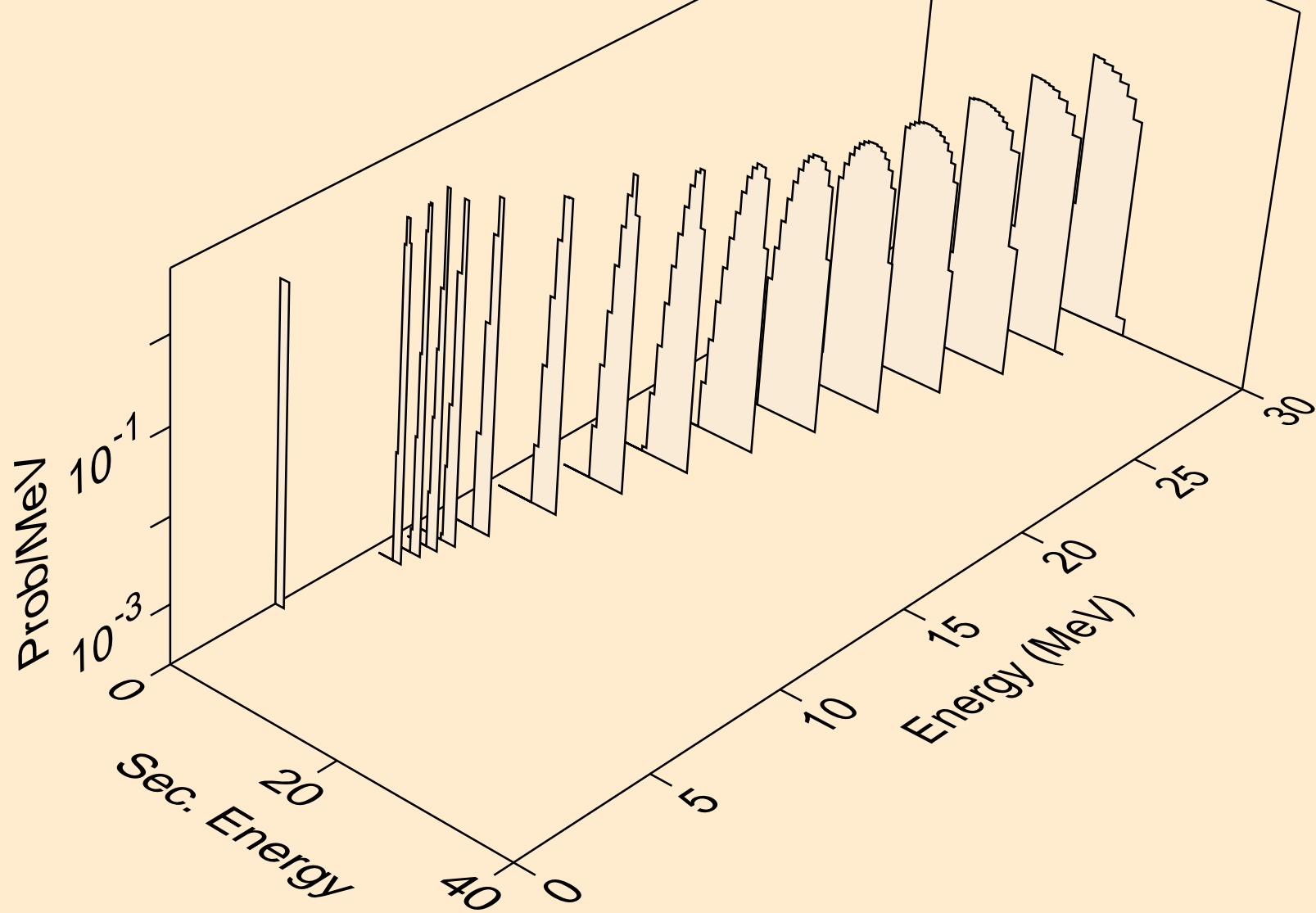


CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t

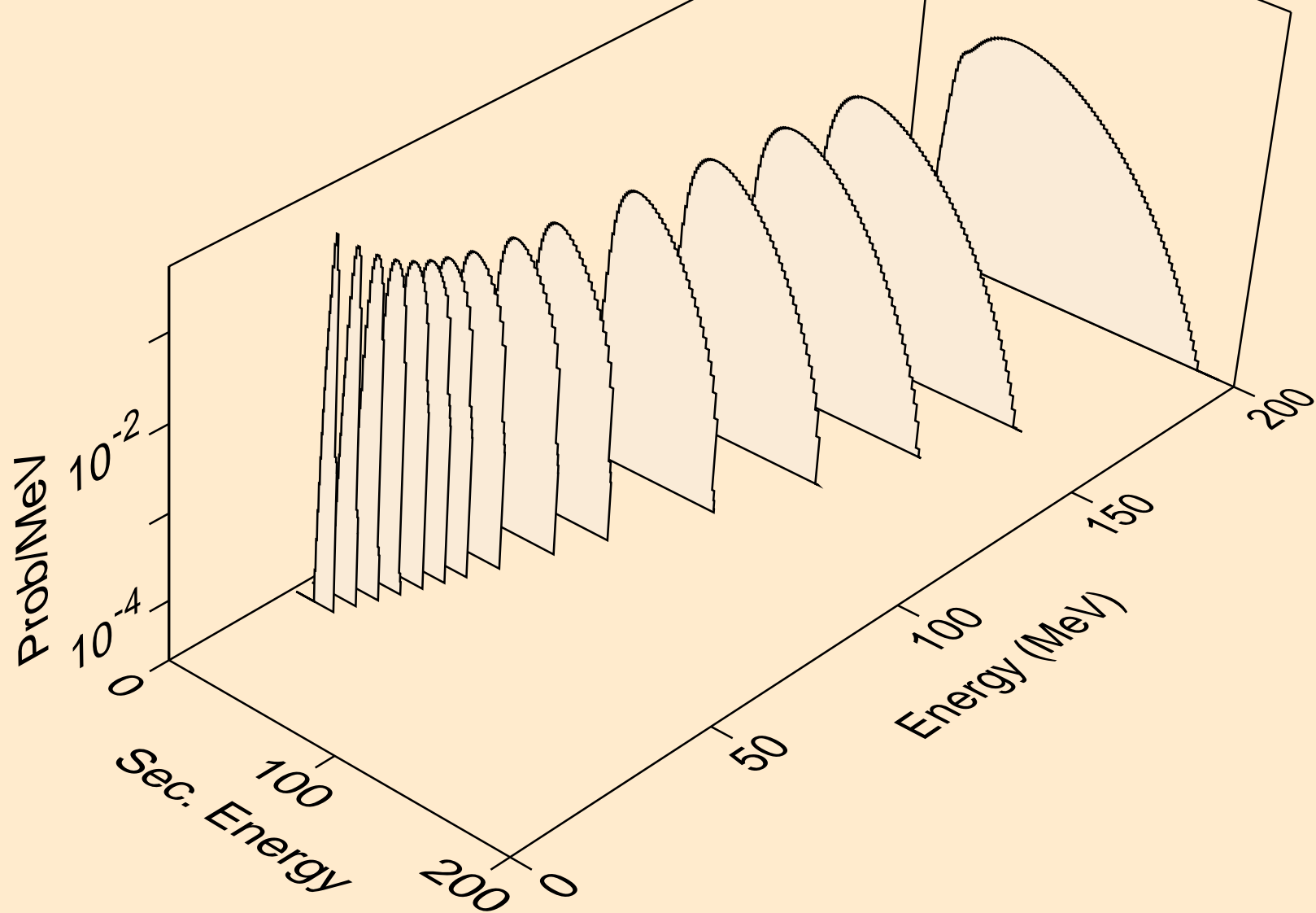




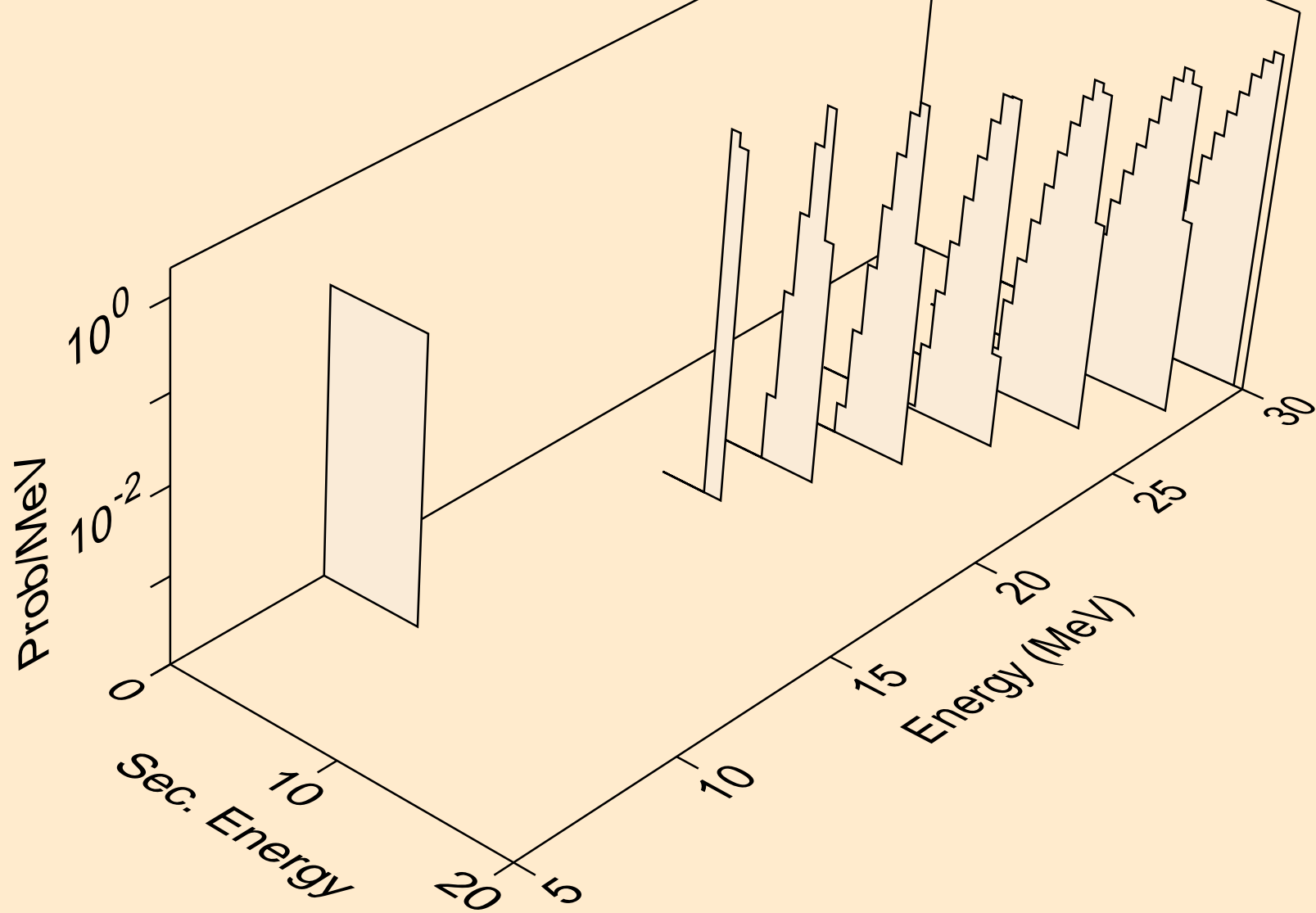
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tritons from (n,t)



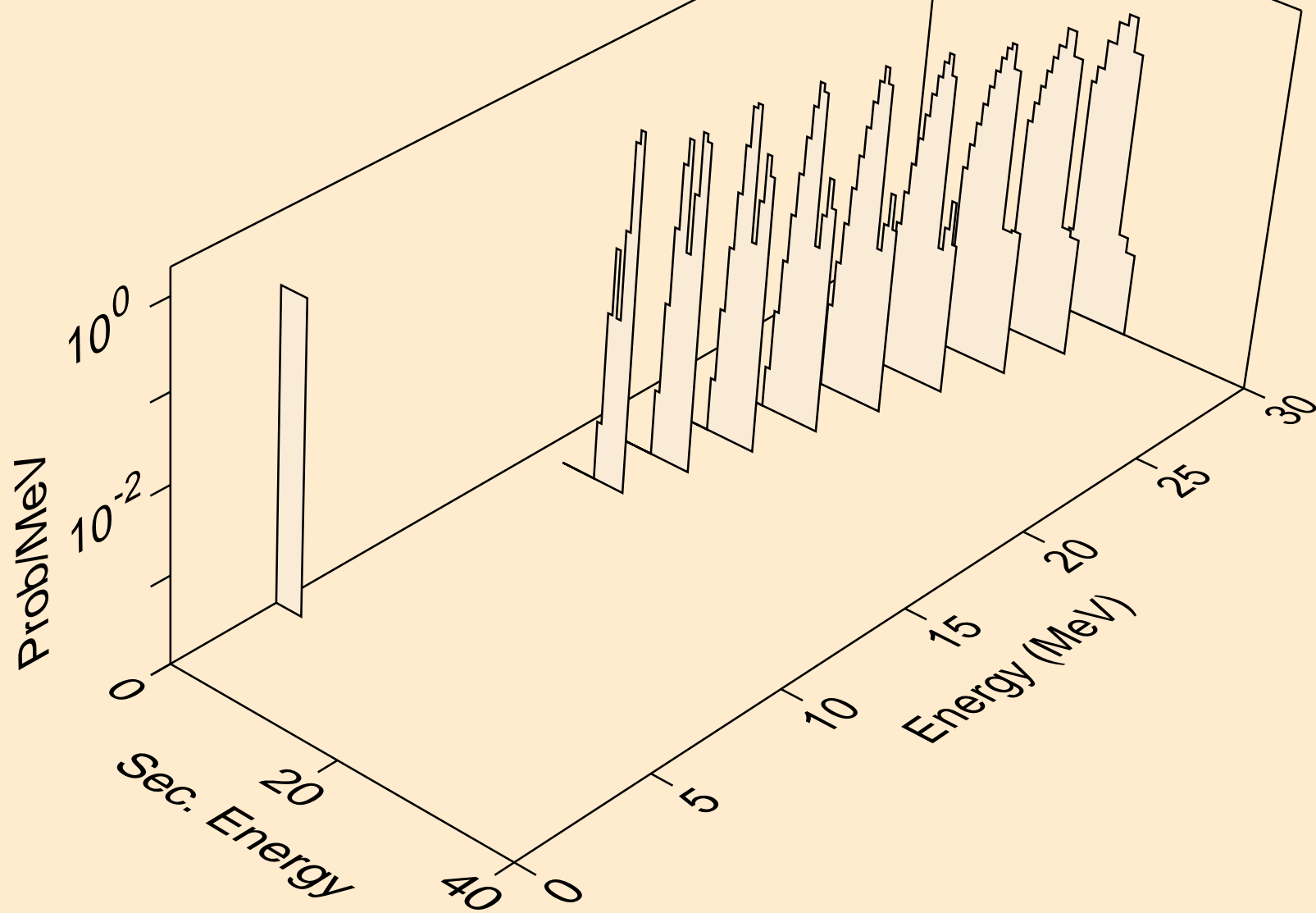
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he3s from (n,x)



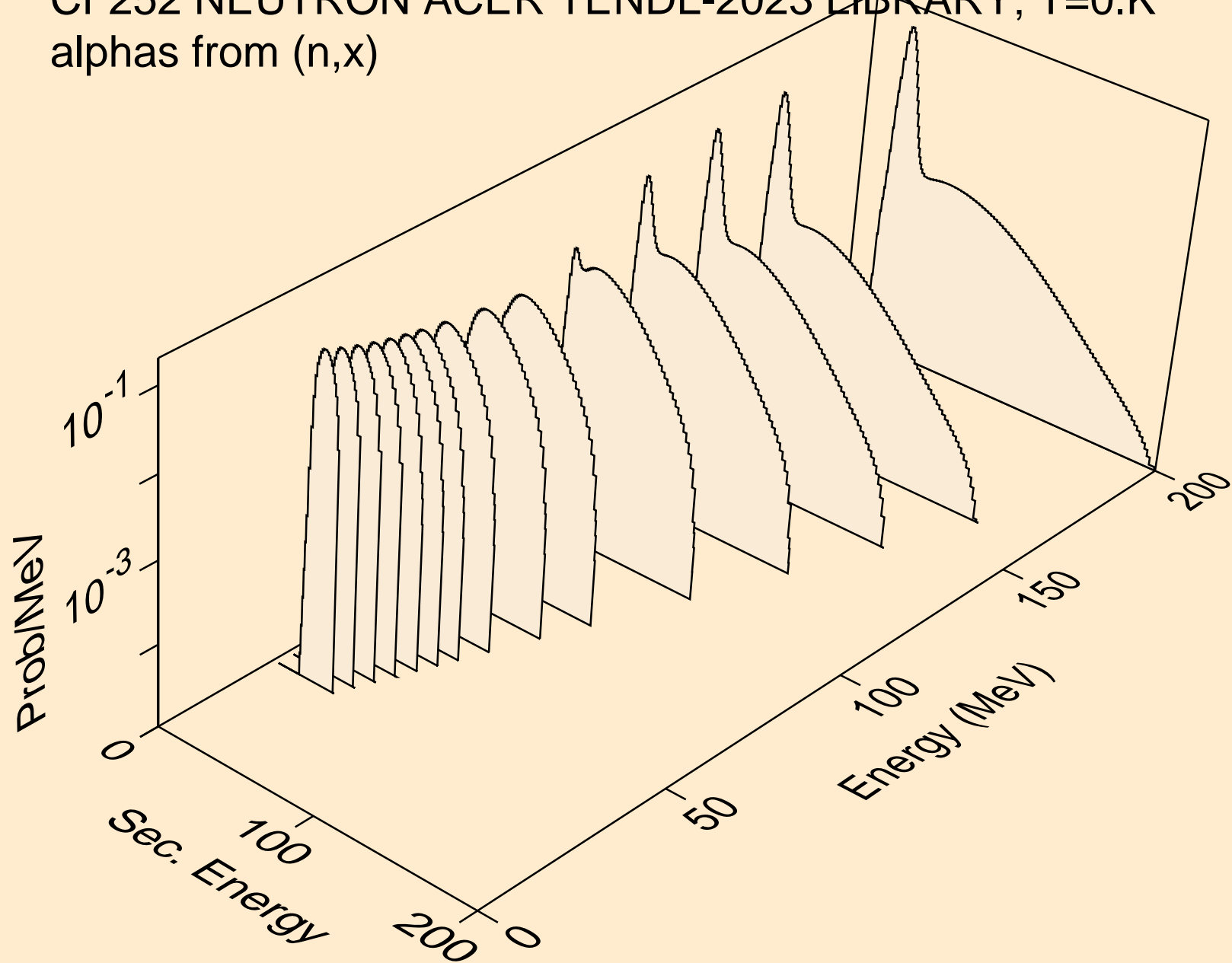
CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,n\*)he3



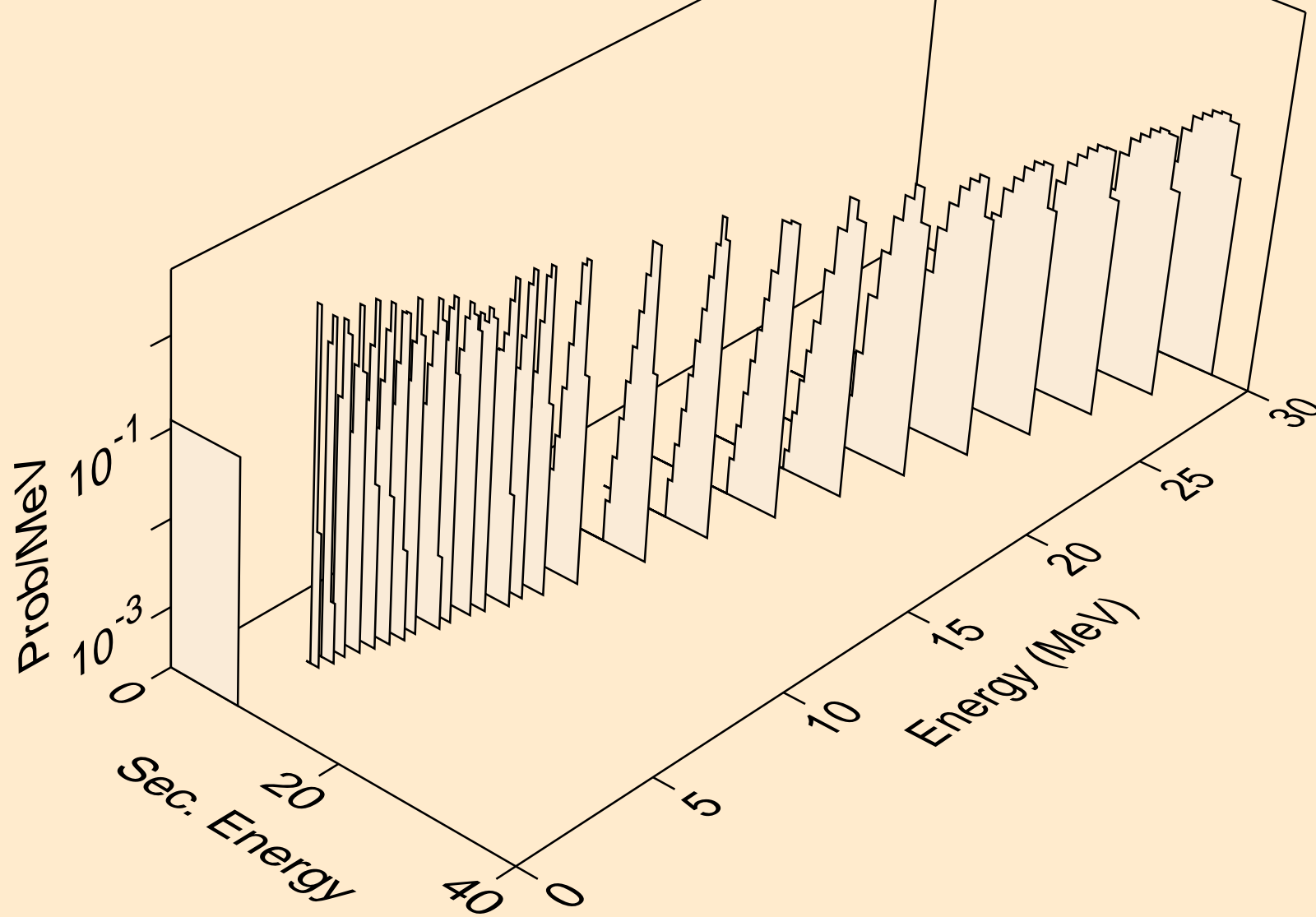
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he3s from (n,he3)



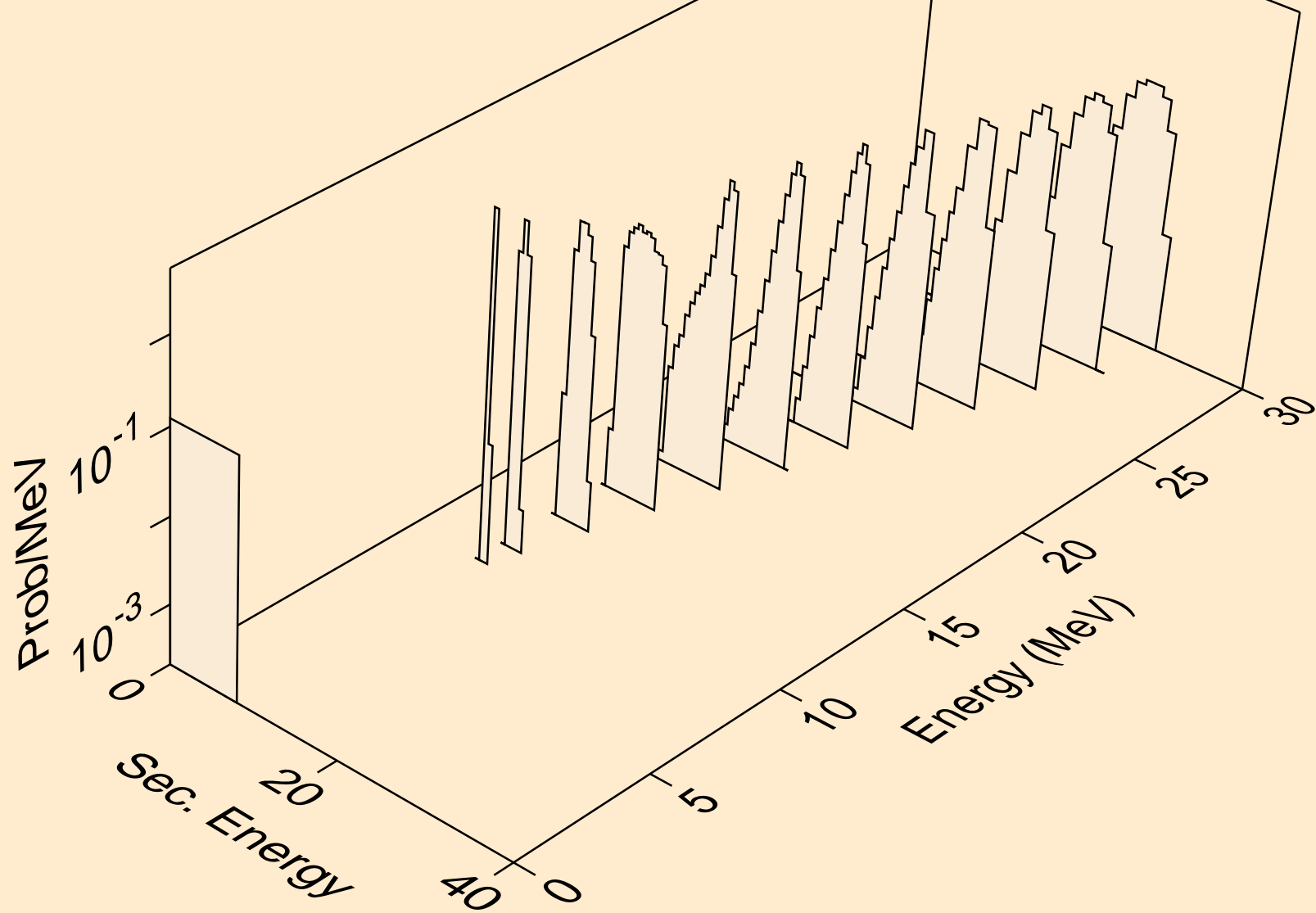
CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



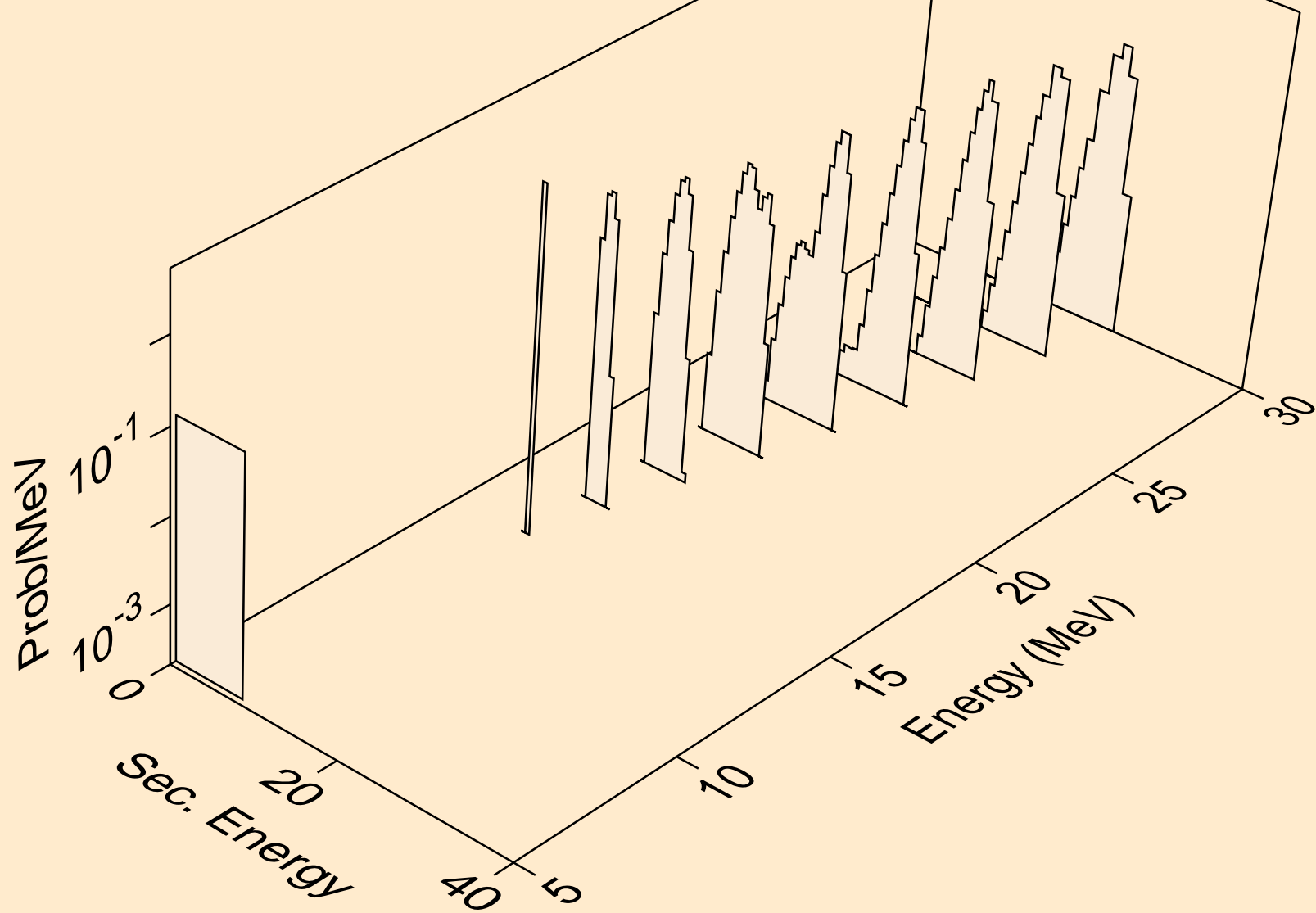
CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a



CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a



CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3n)a





CF252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)

