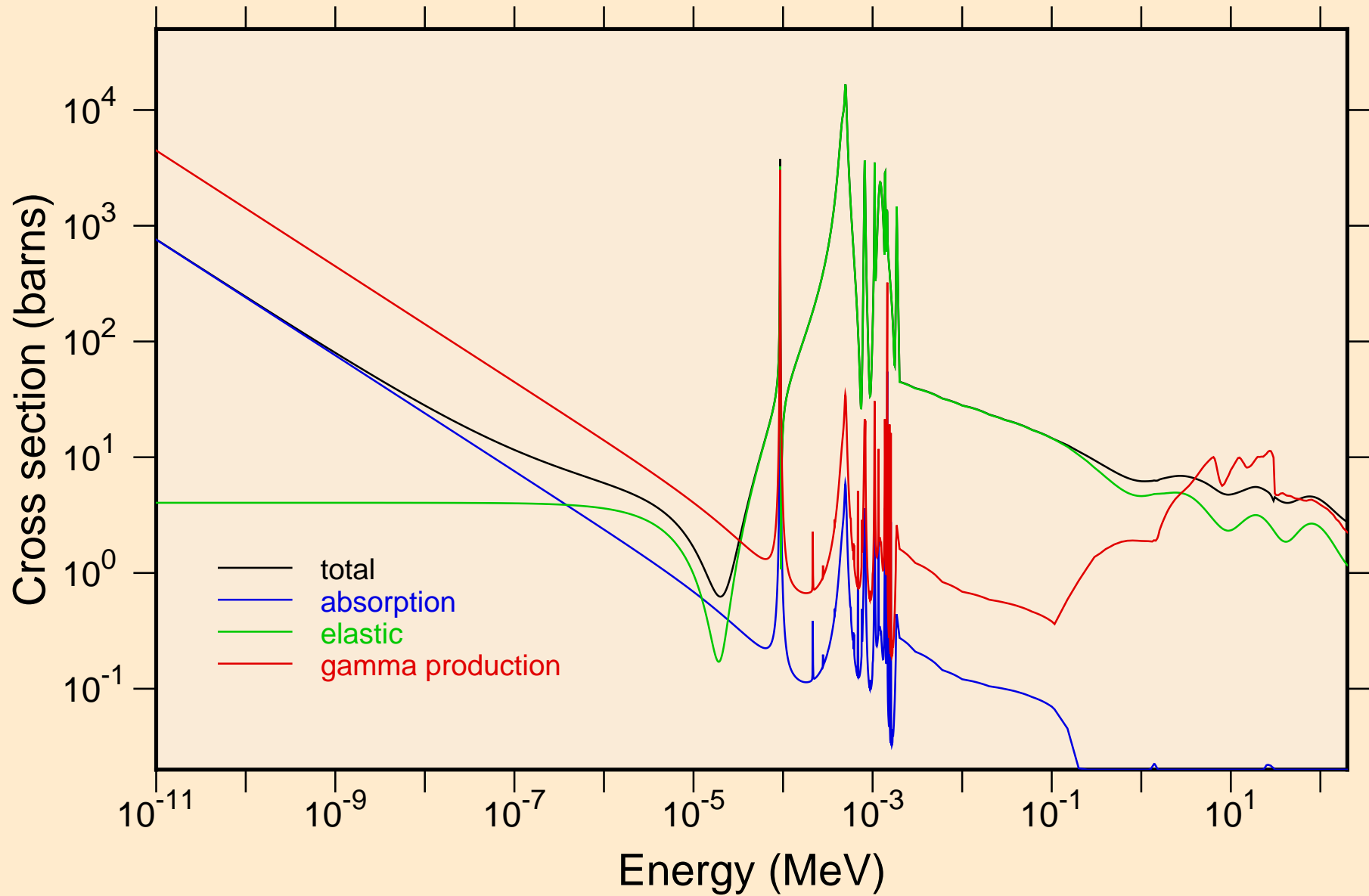
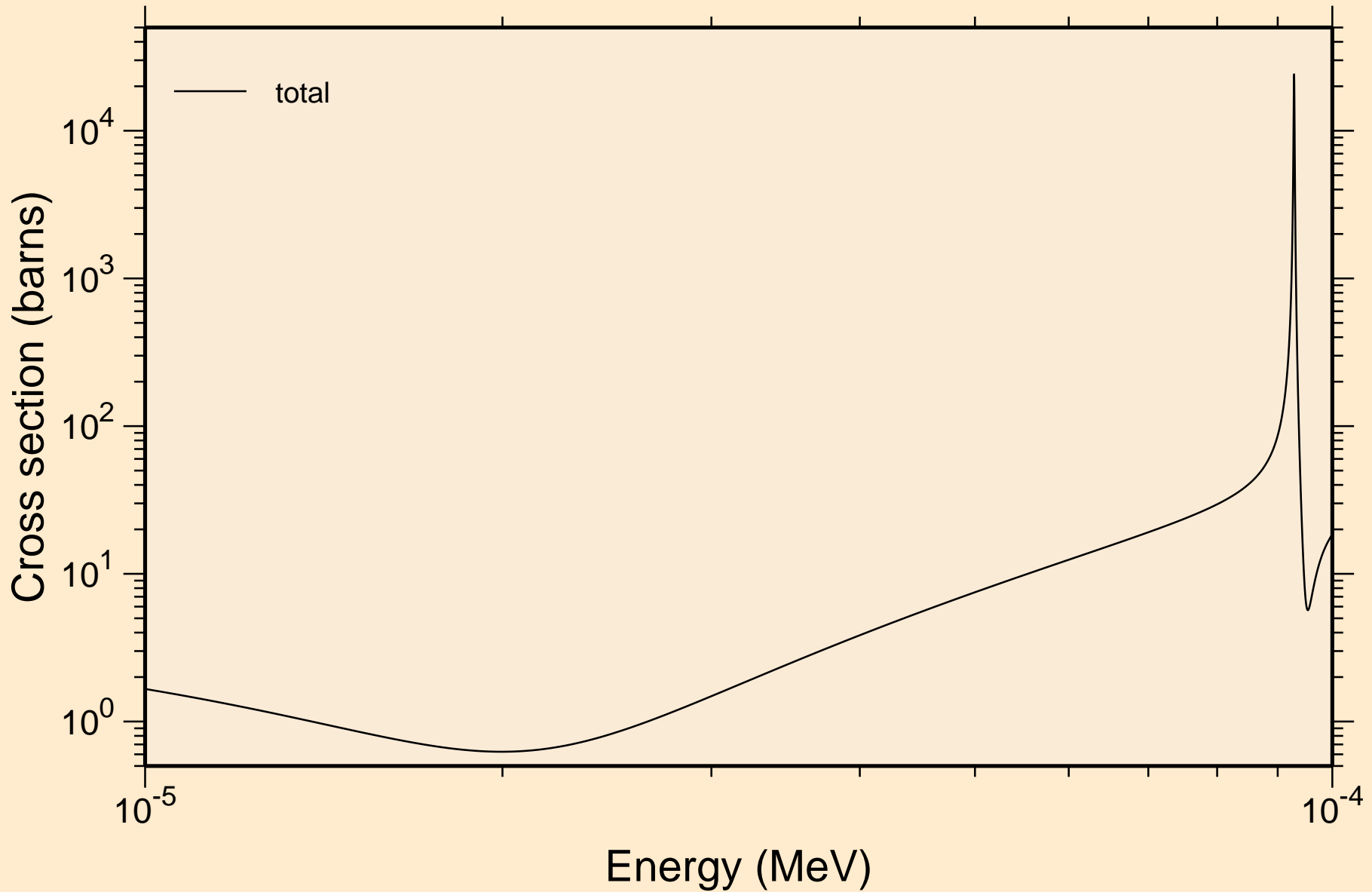


# HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

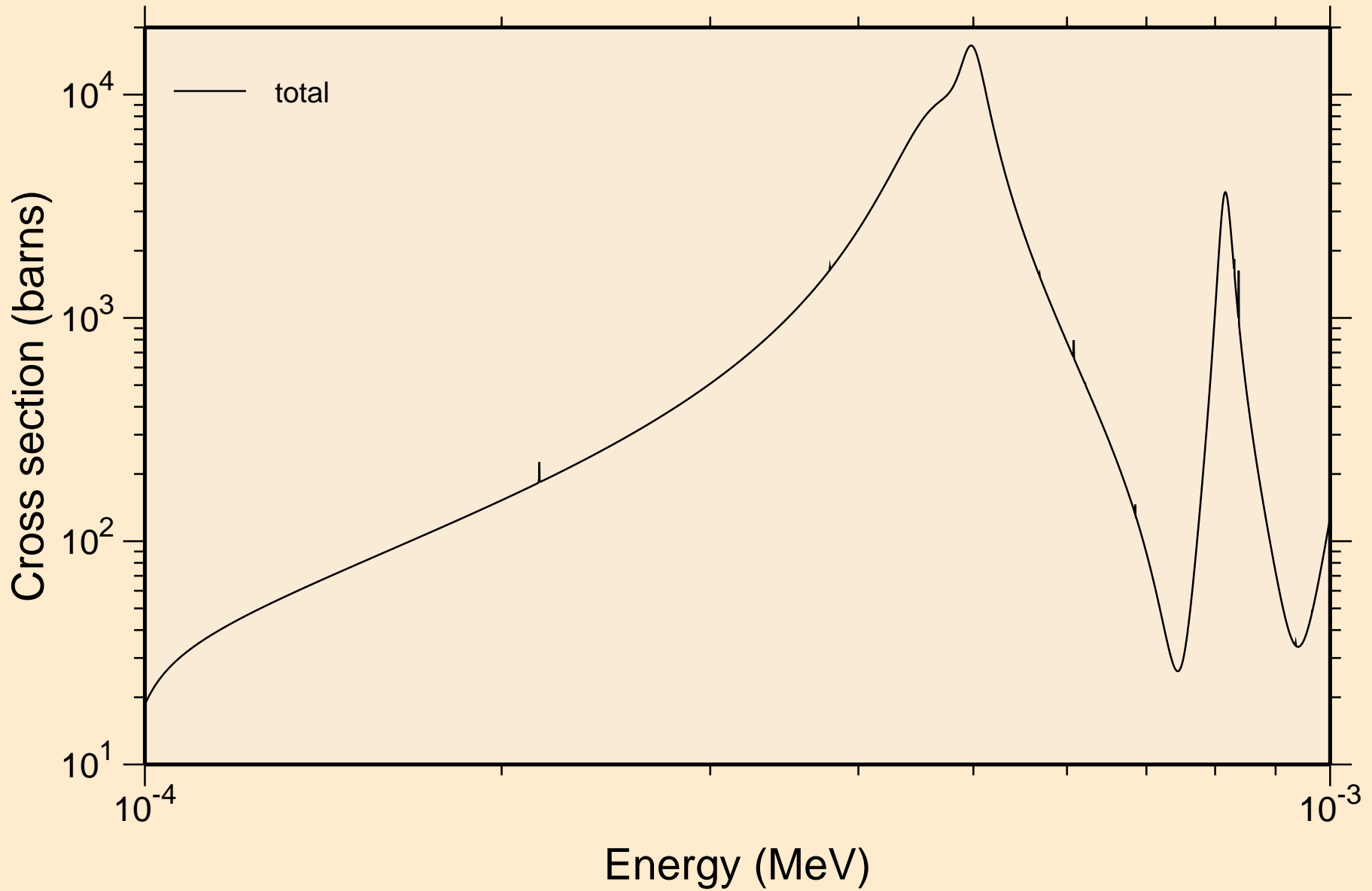
## Principal cross sections



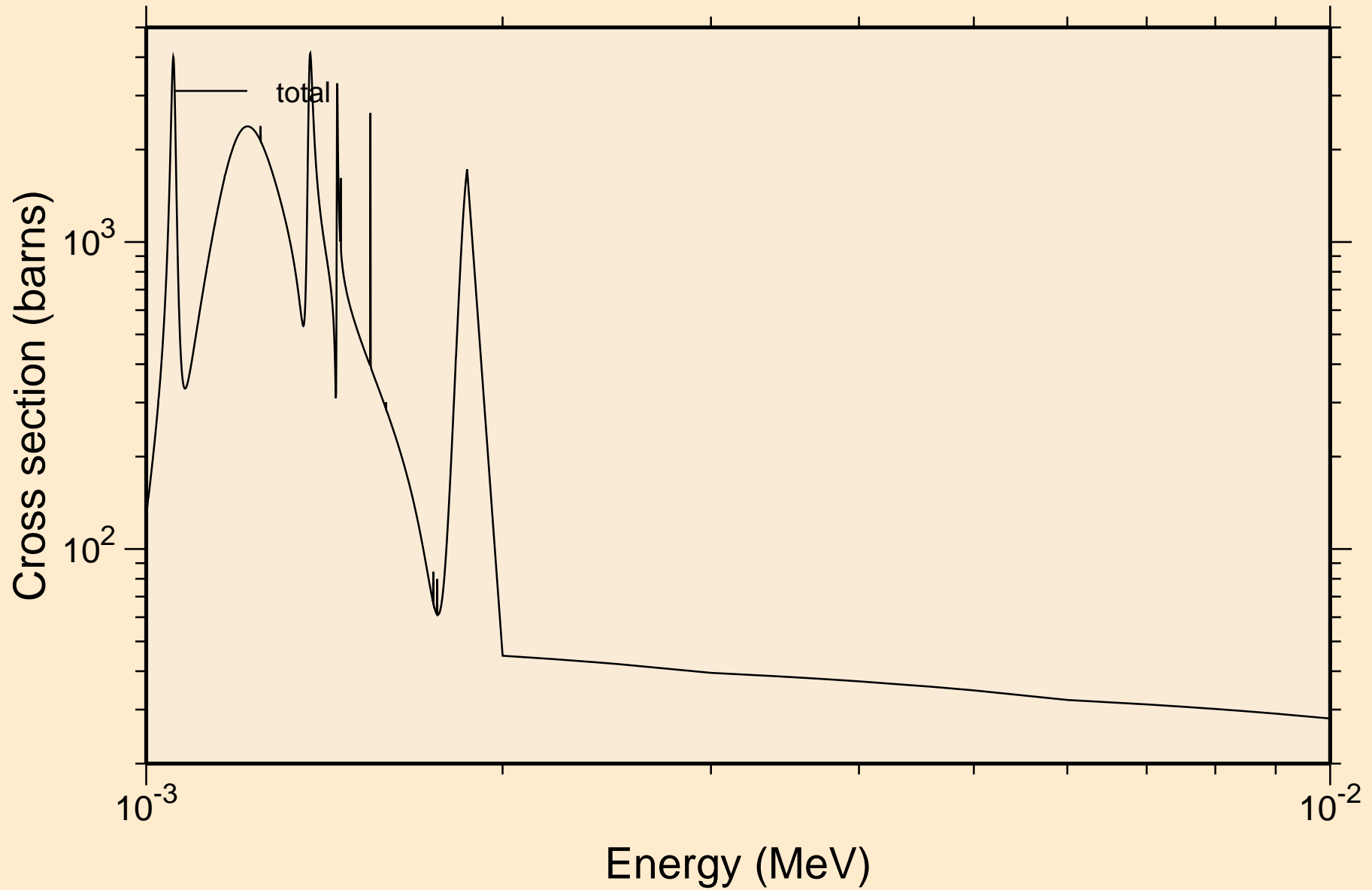
HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



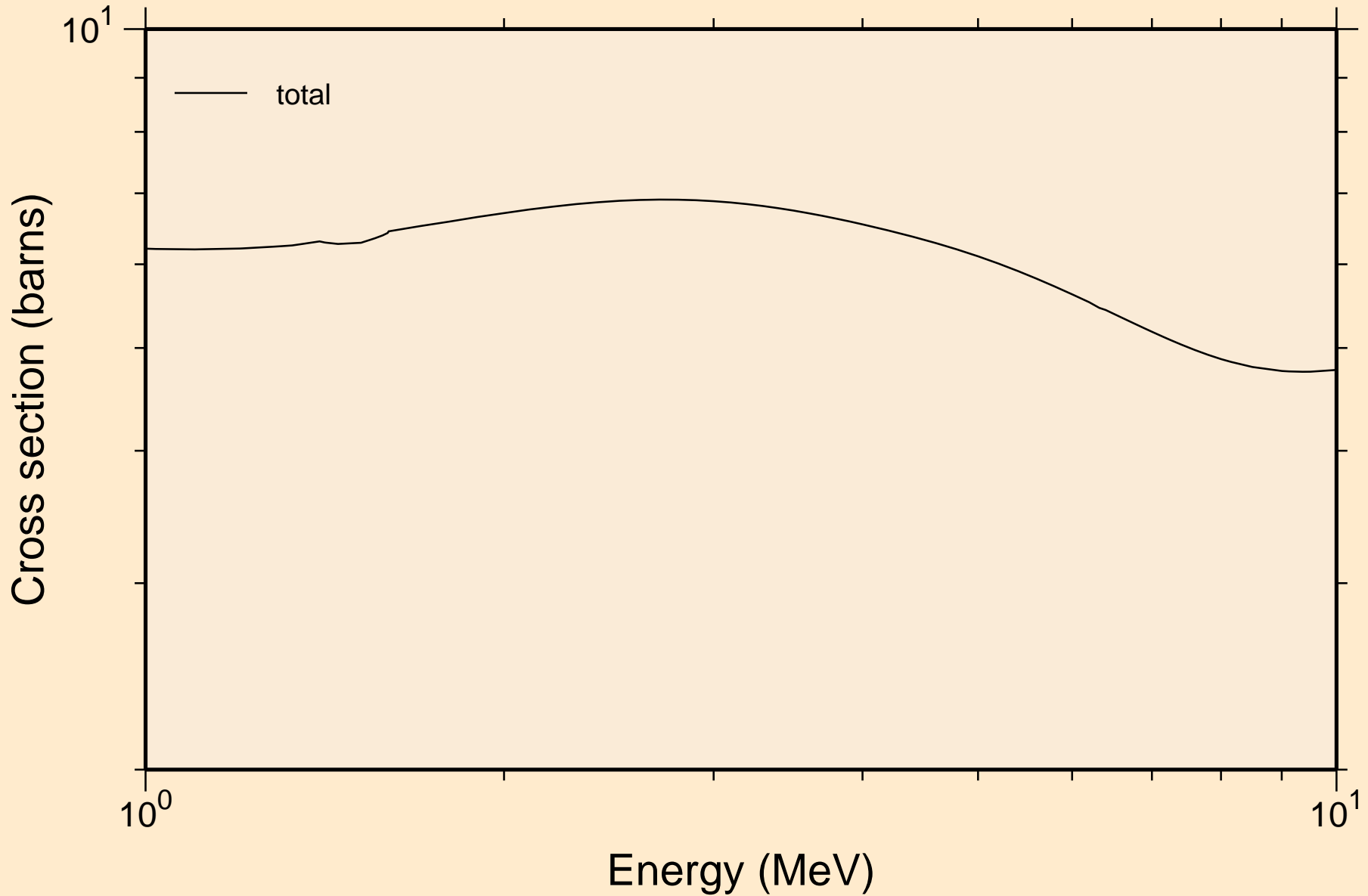
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resonance total cross section



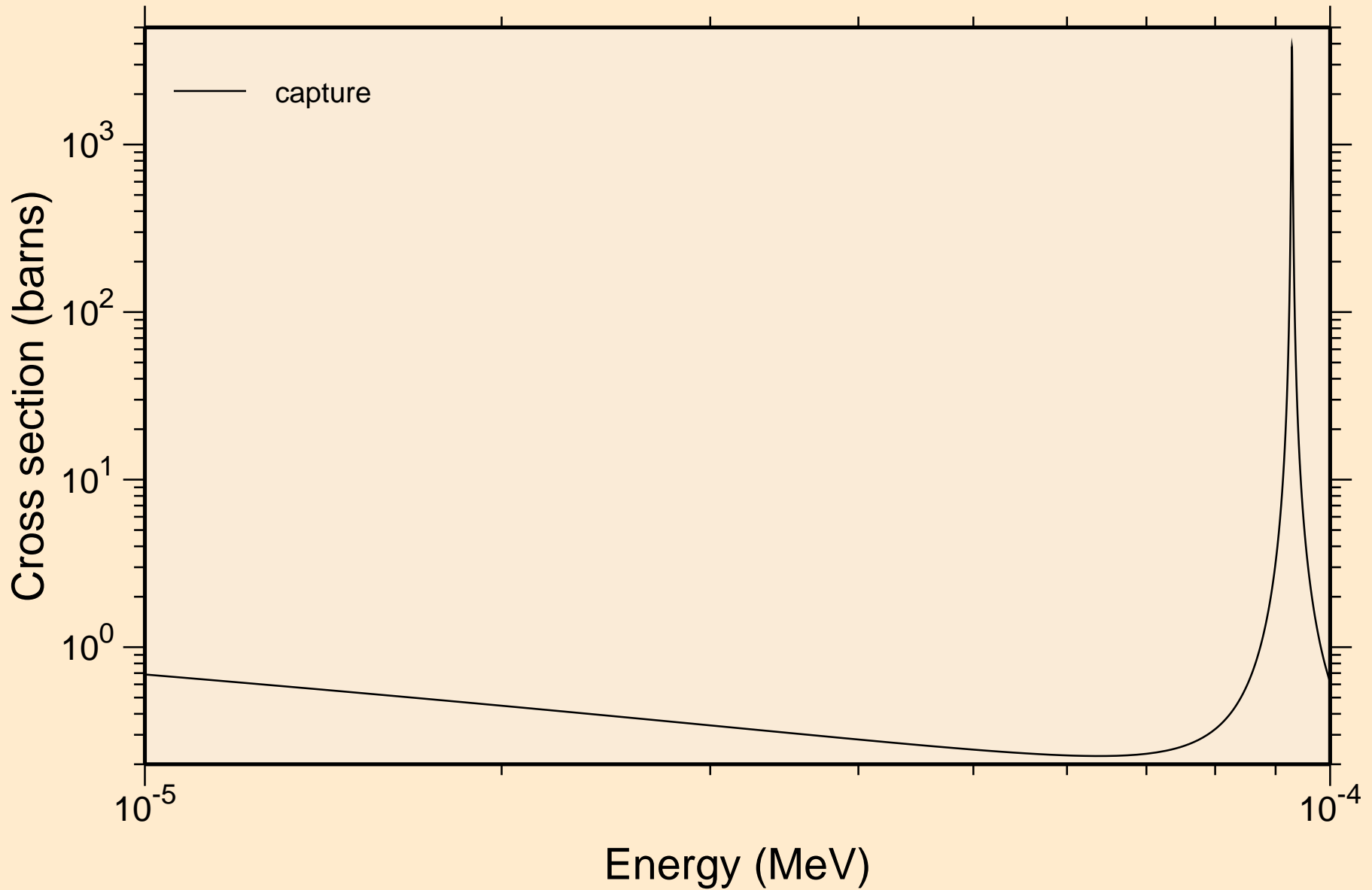
HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



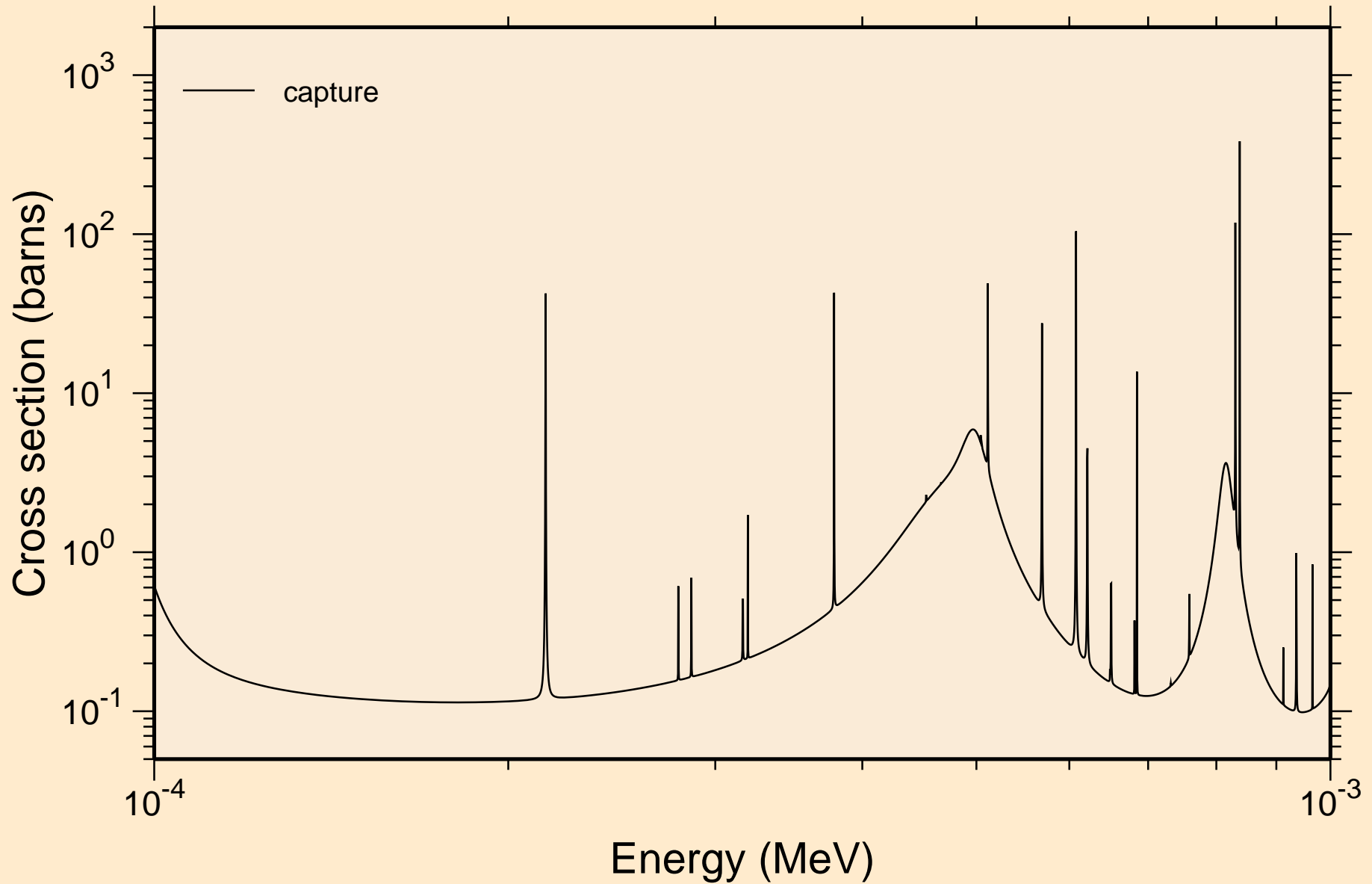
HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



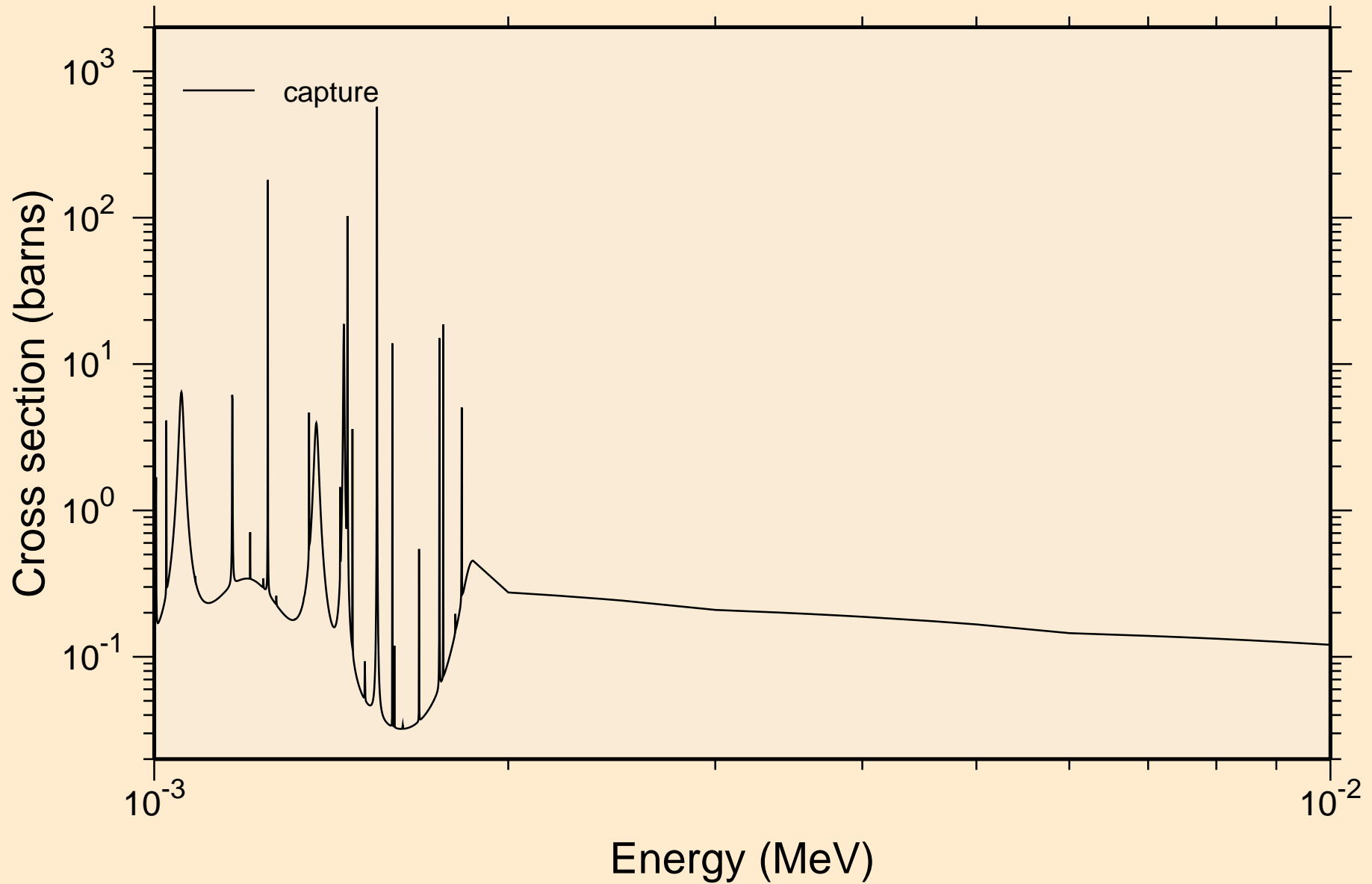
HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

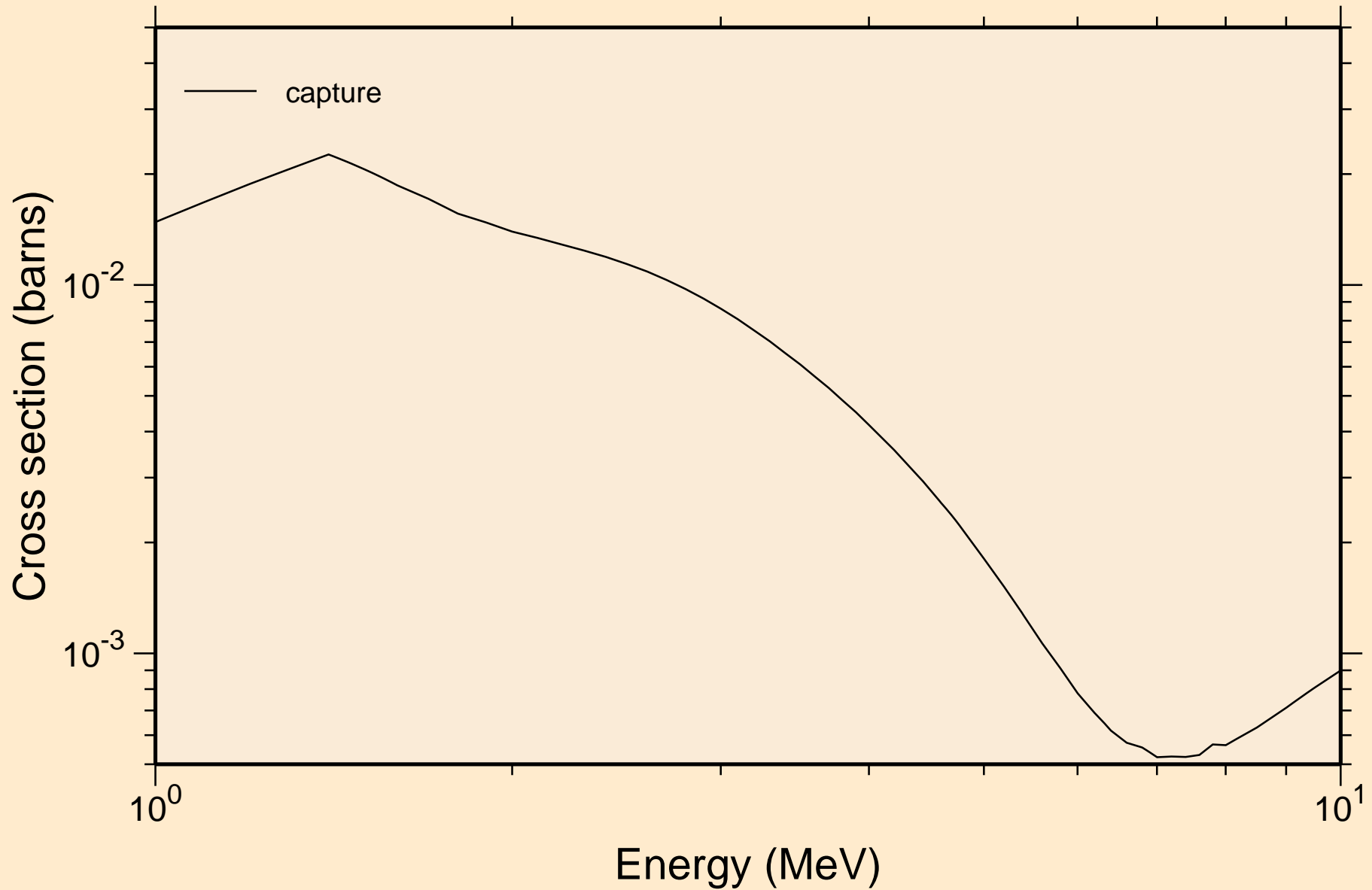


HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



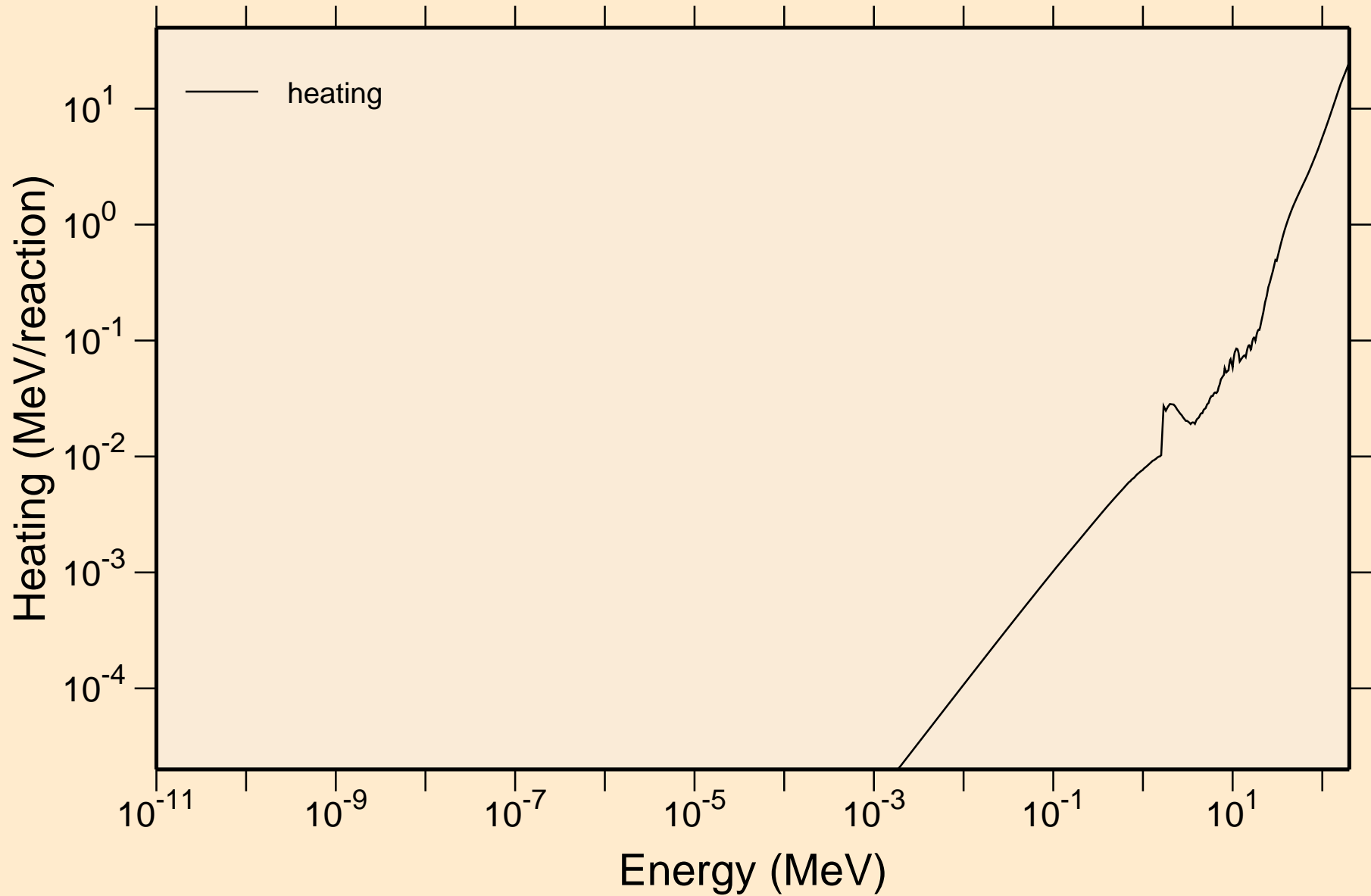


HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



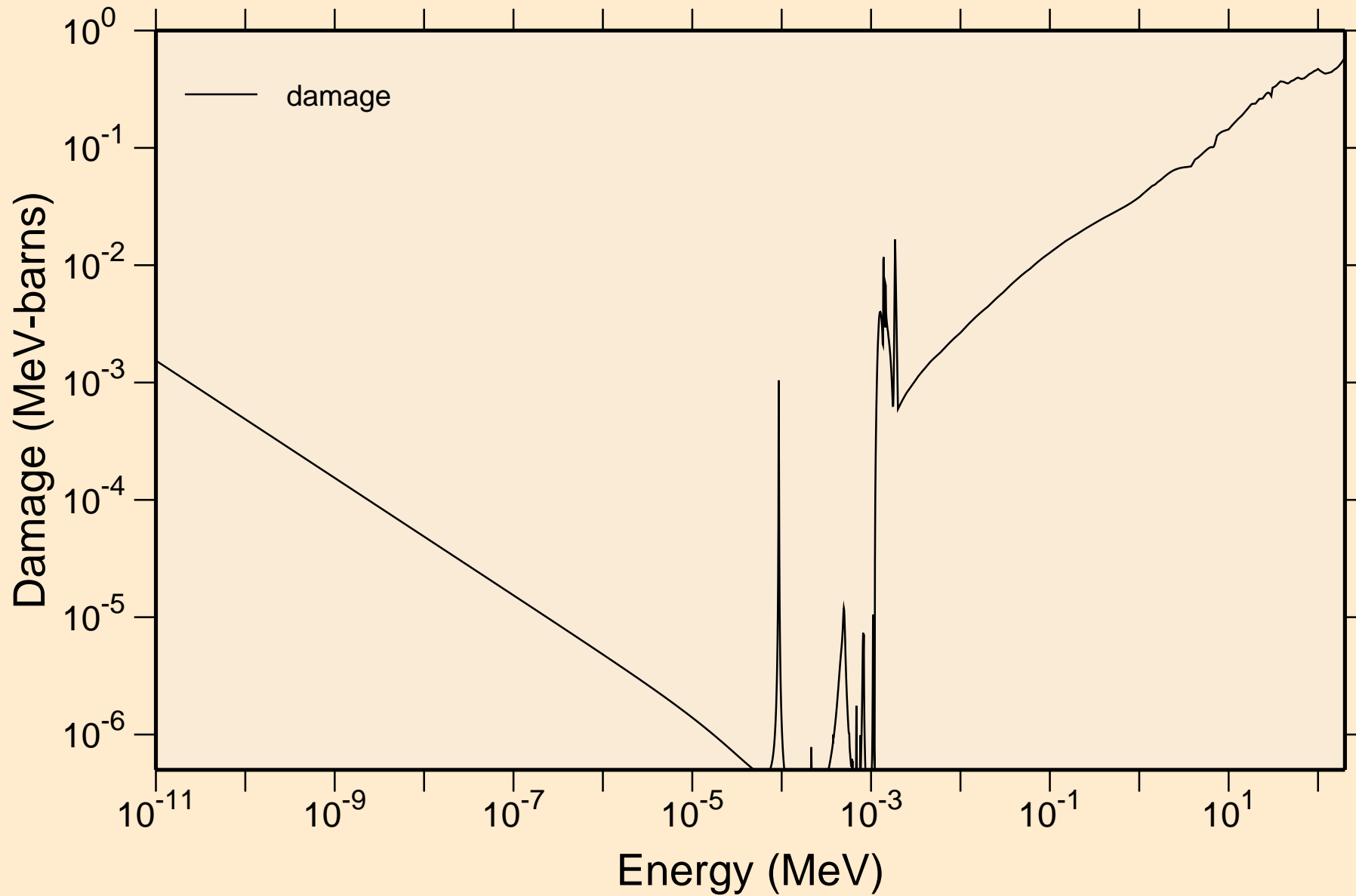
# HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



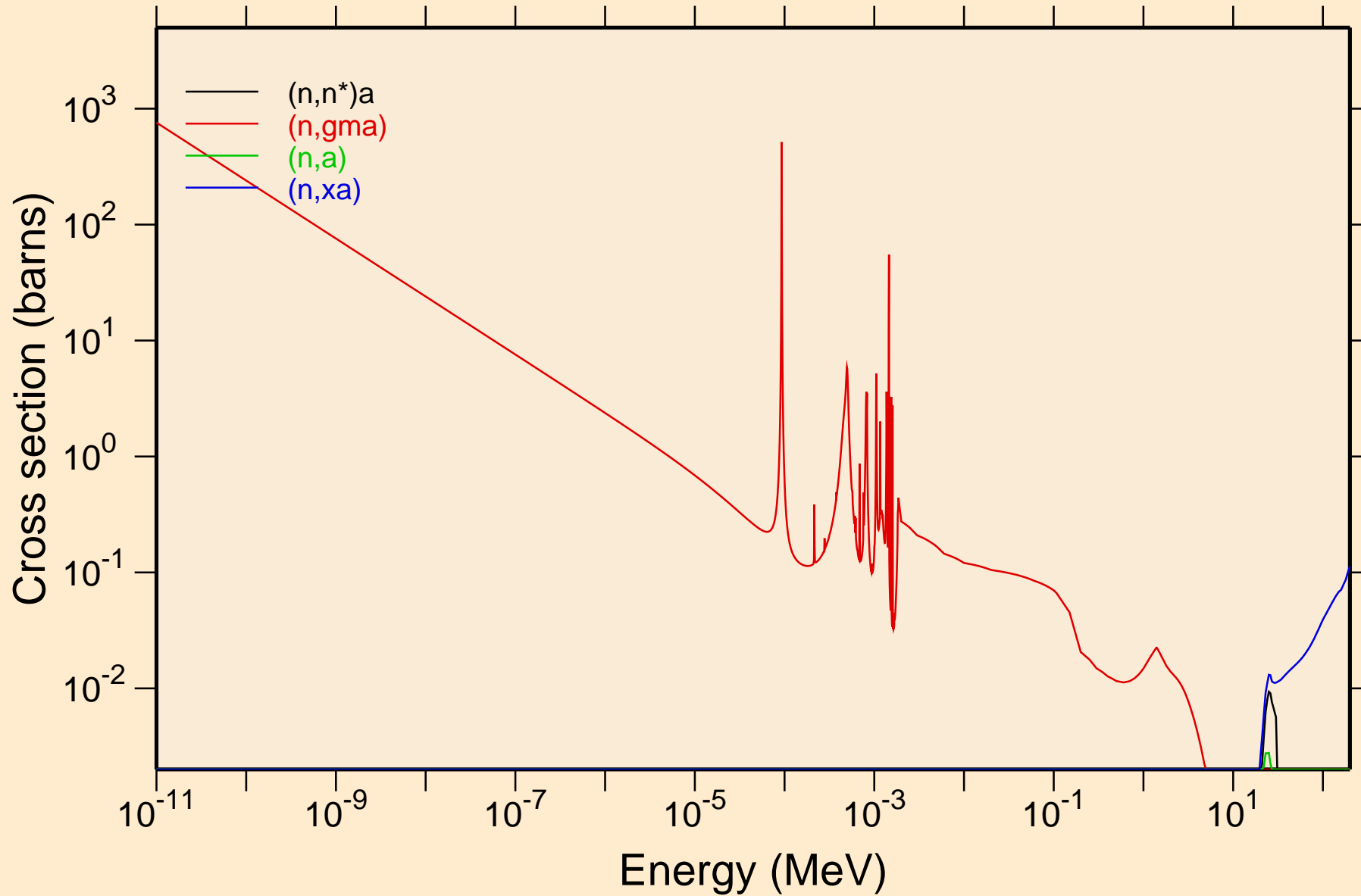
# HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Damage



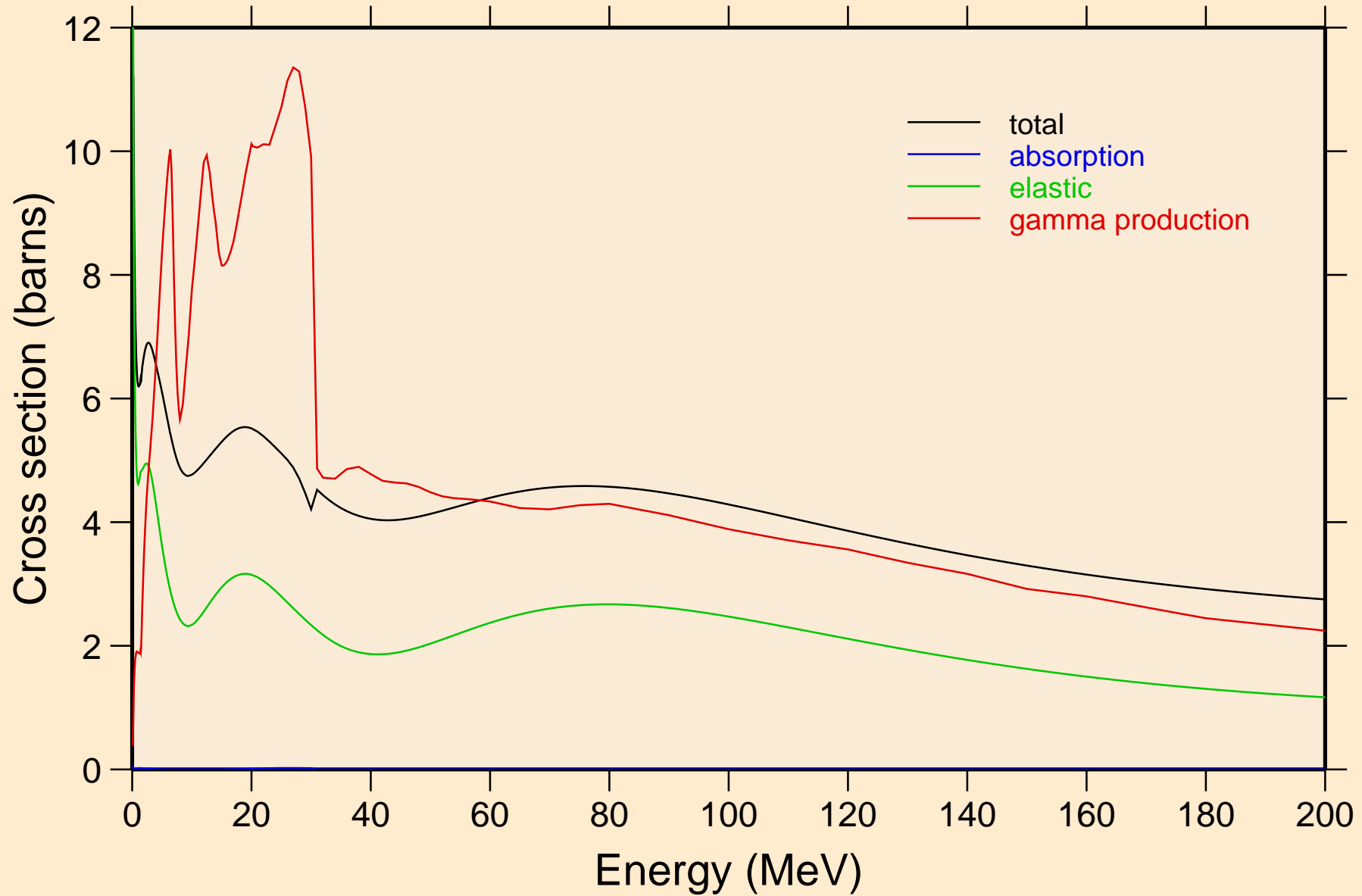
# HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Non-threshold reactions



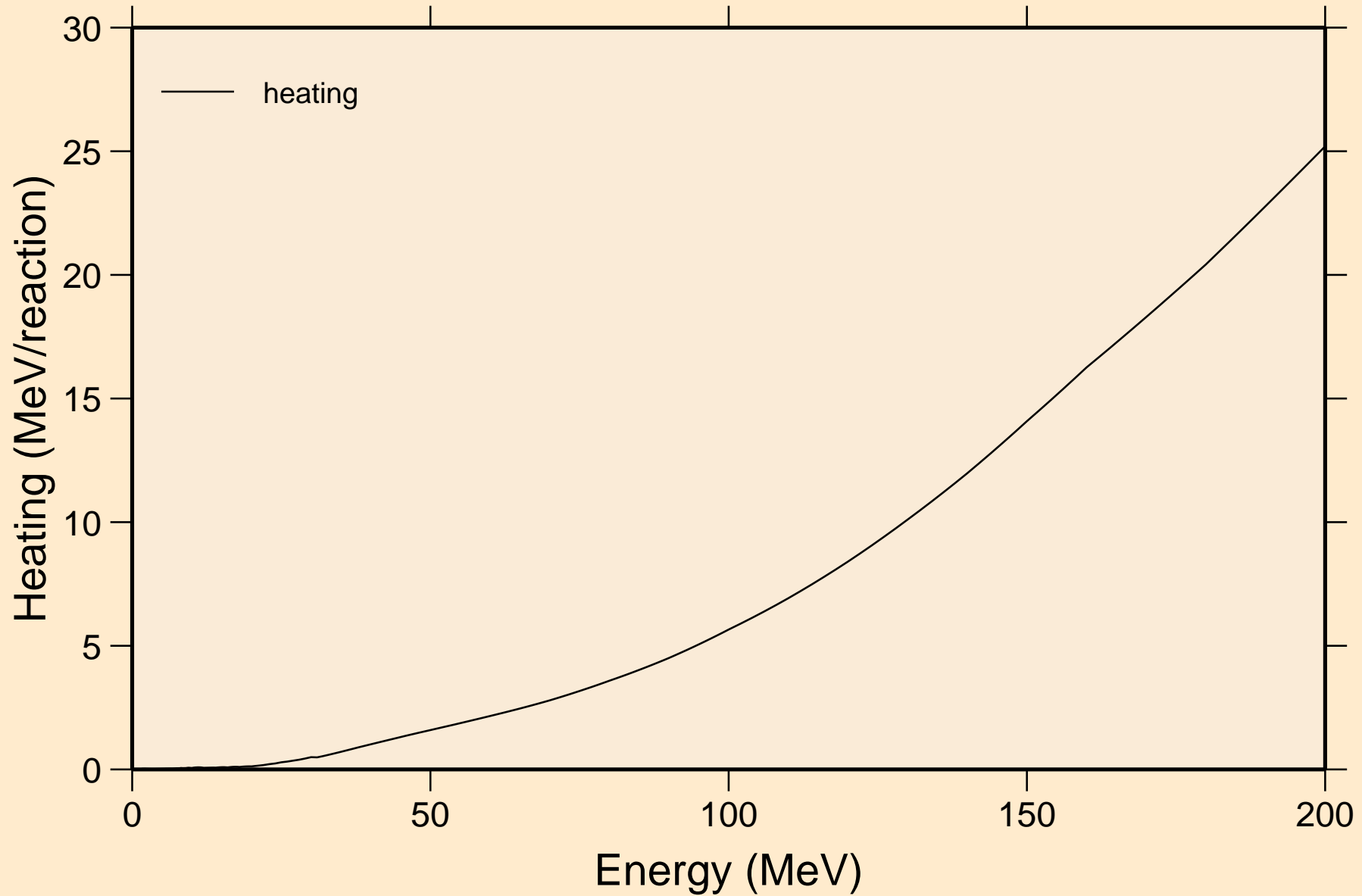
# HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



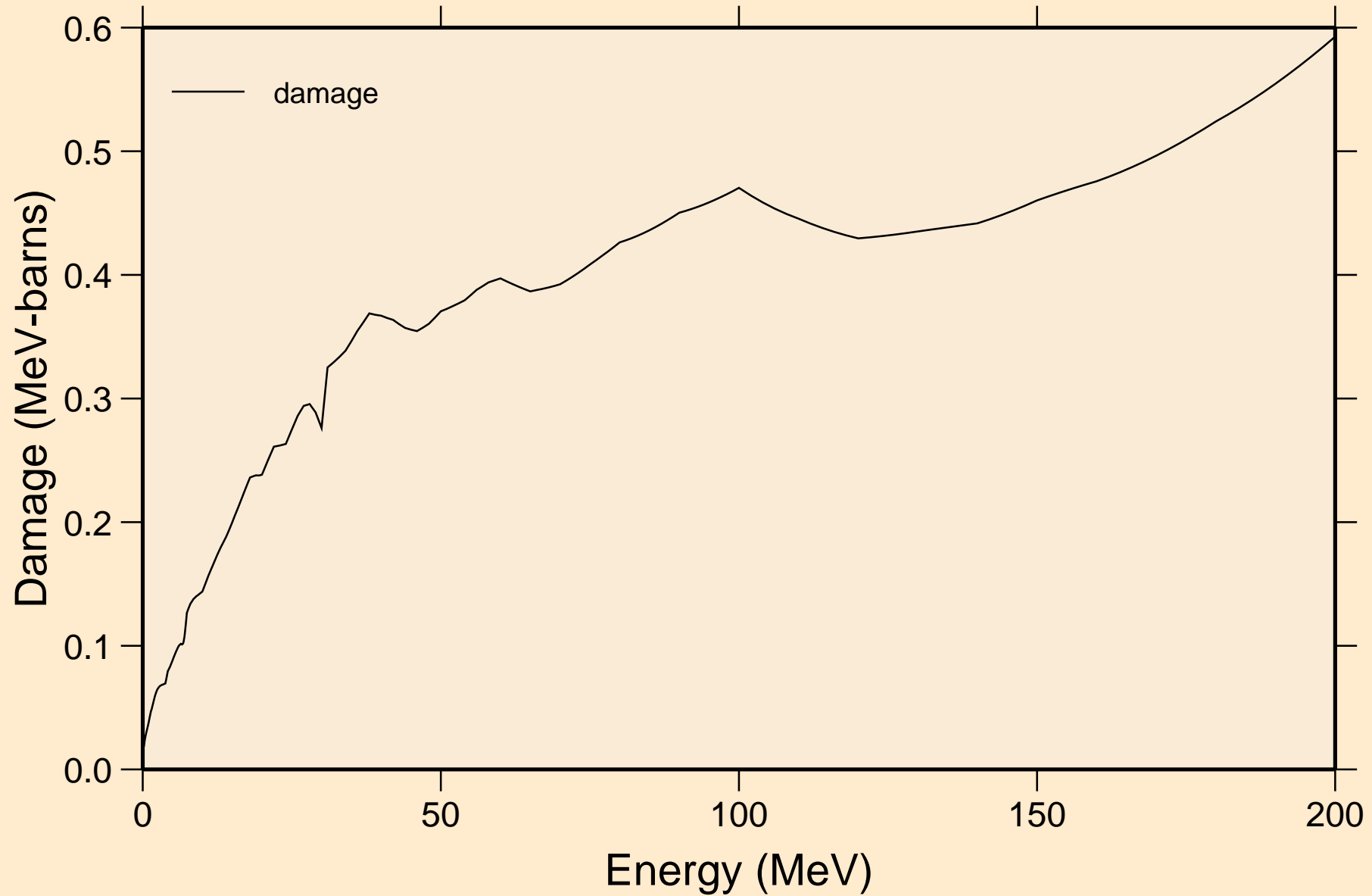
# HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



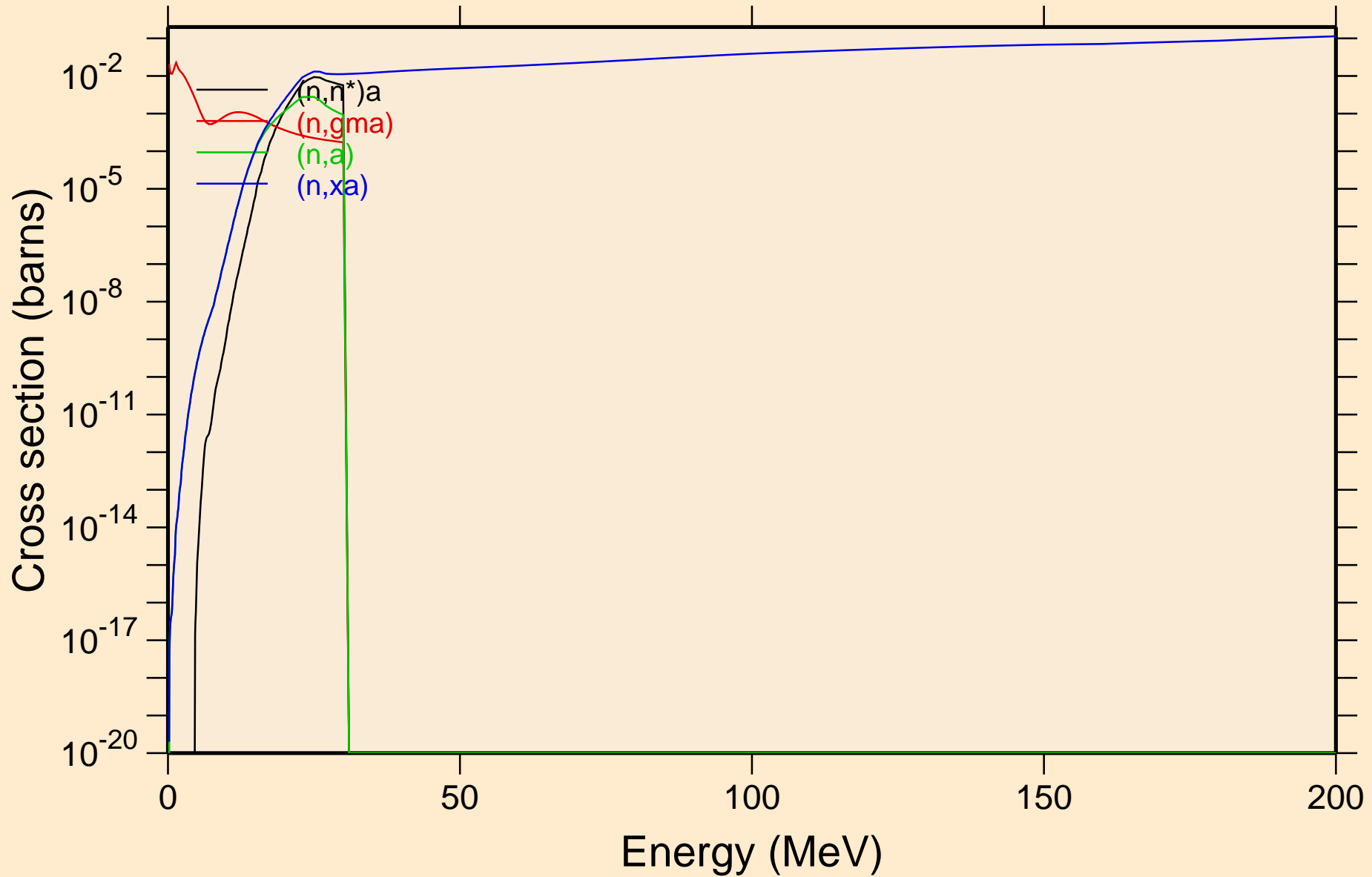
# HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Damage



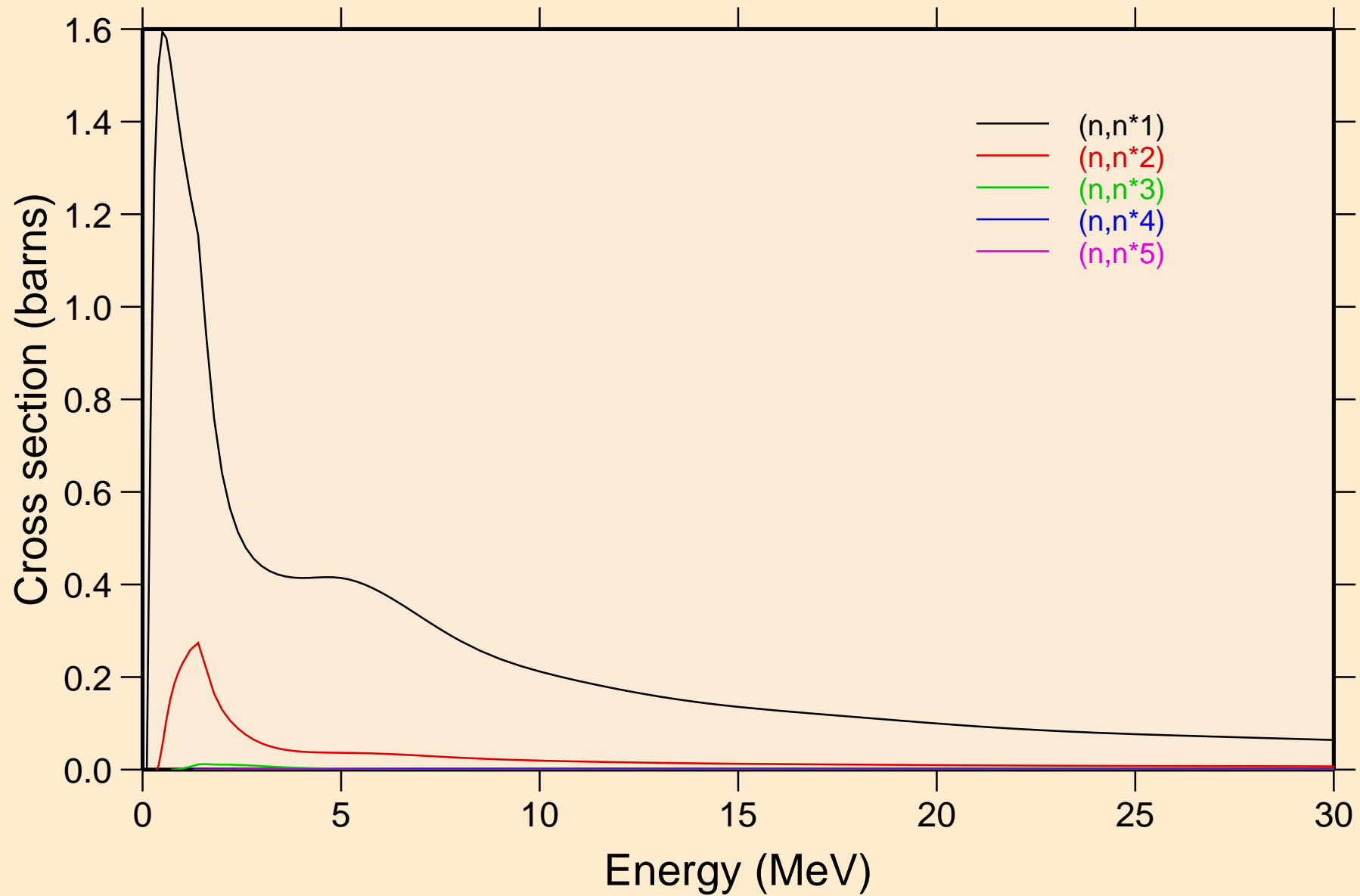
# HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Non-threshold reactions

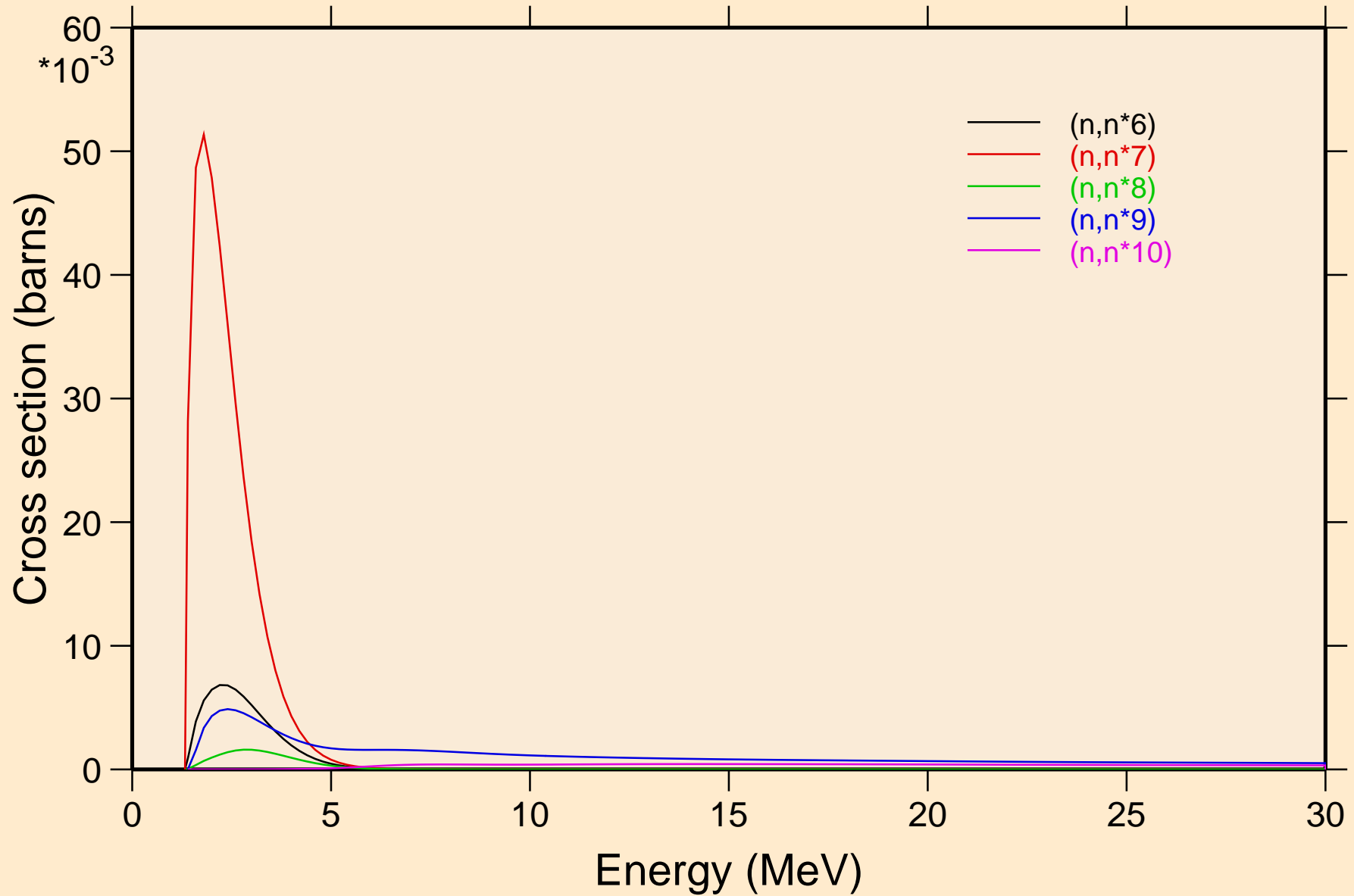




HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

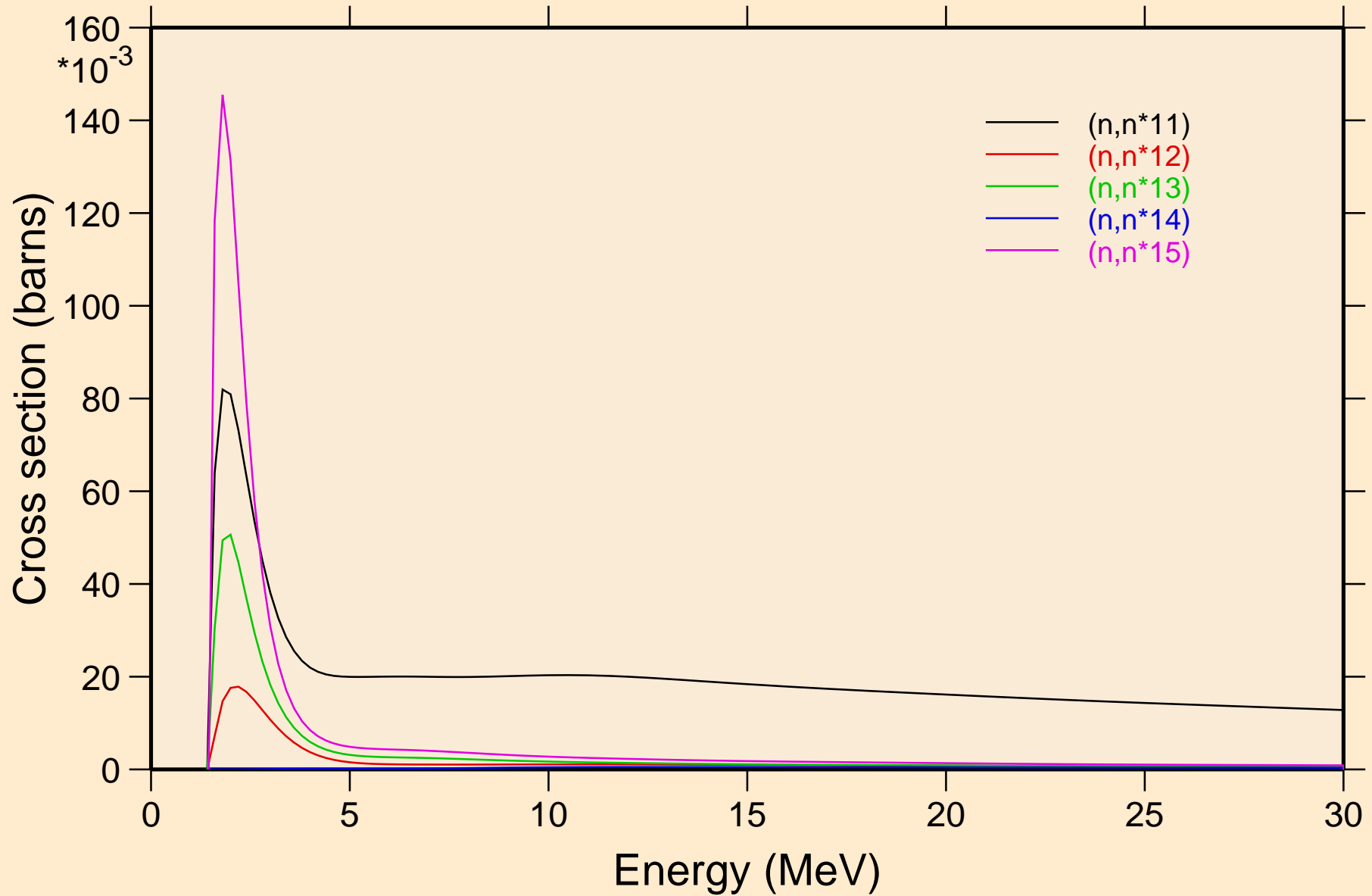


HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



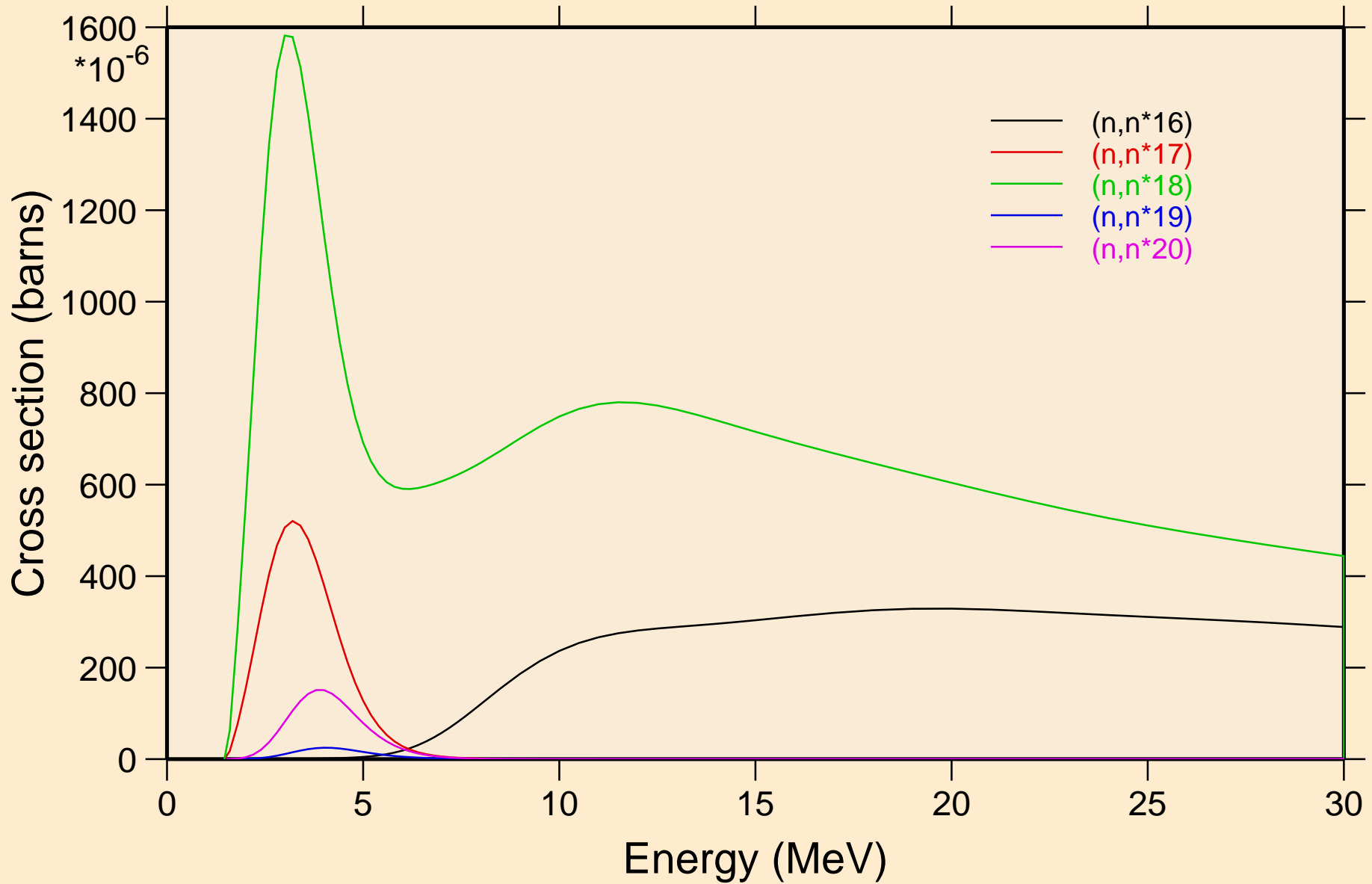
# HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Inelastic levels



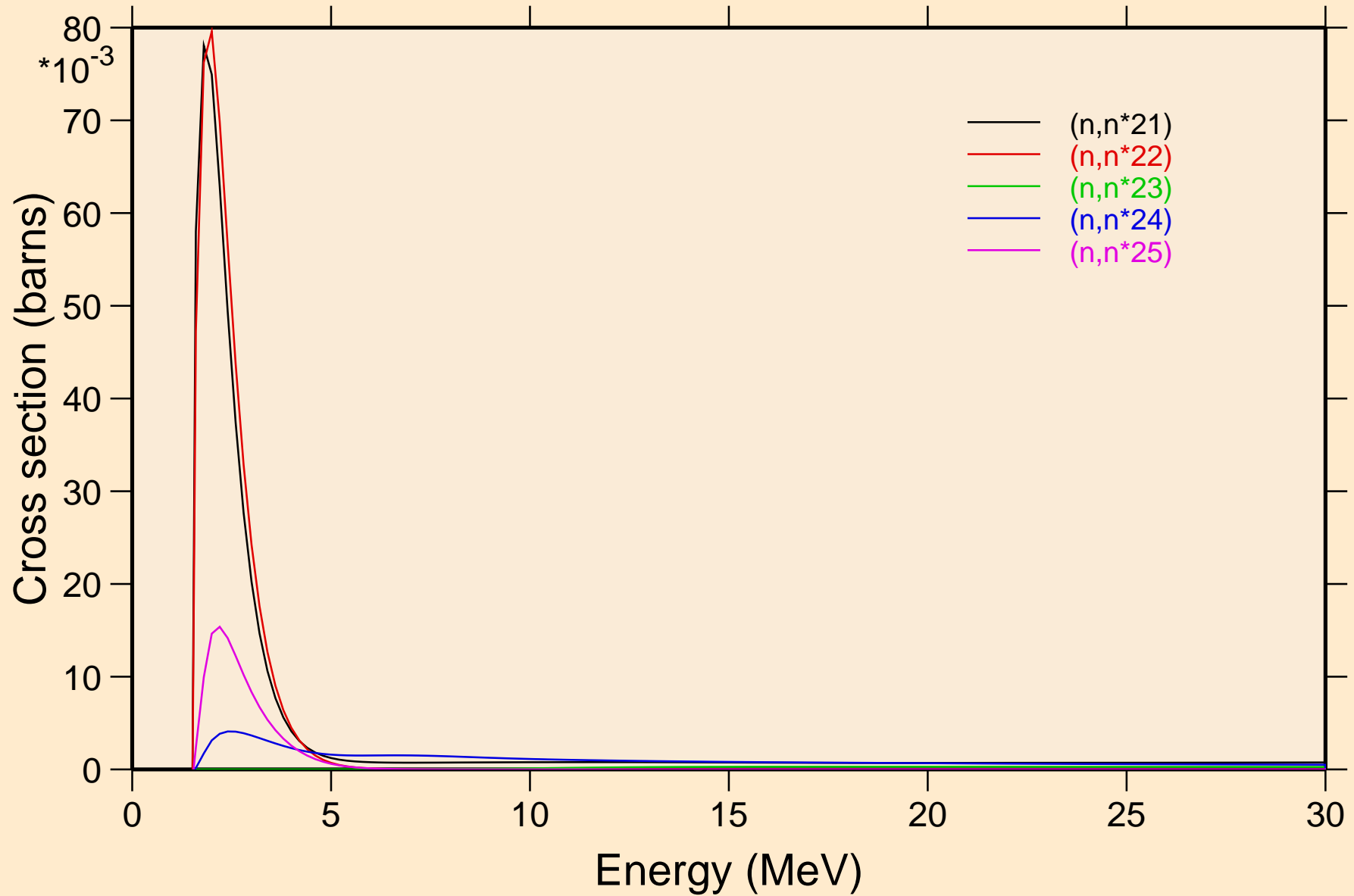
# HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Inelastic levels



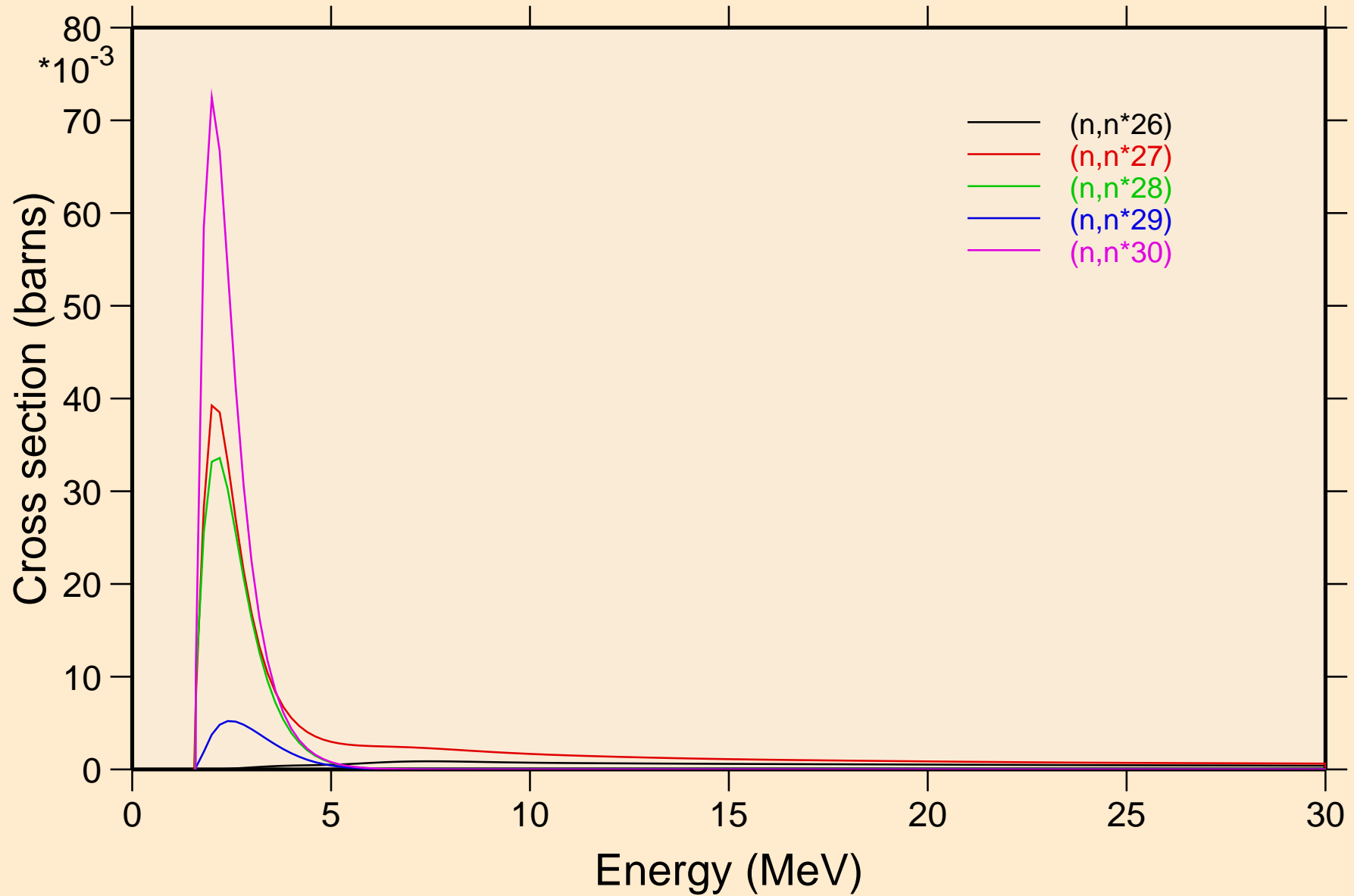
# HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Inelastic levels



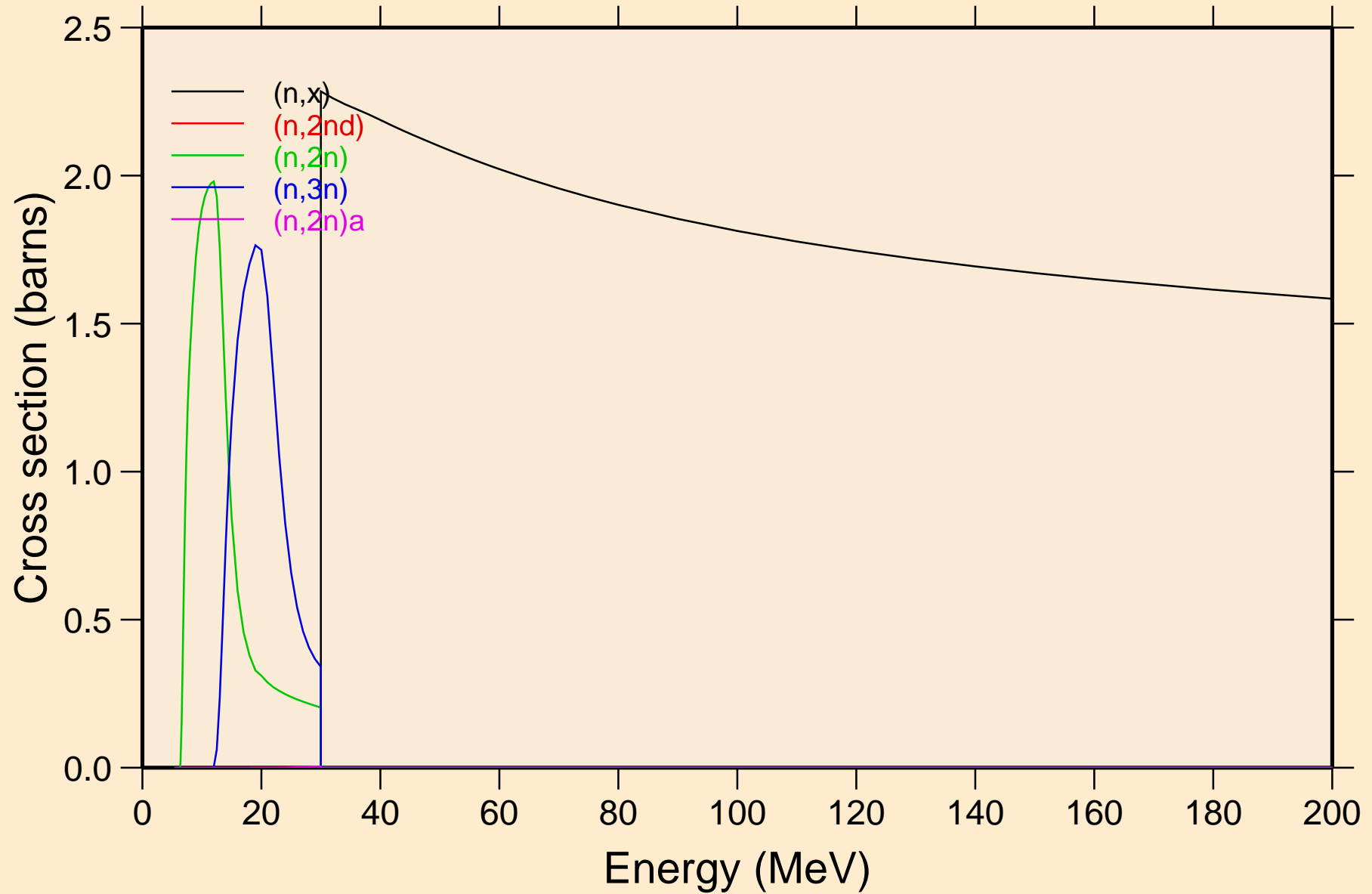
# HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Inelastic levels



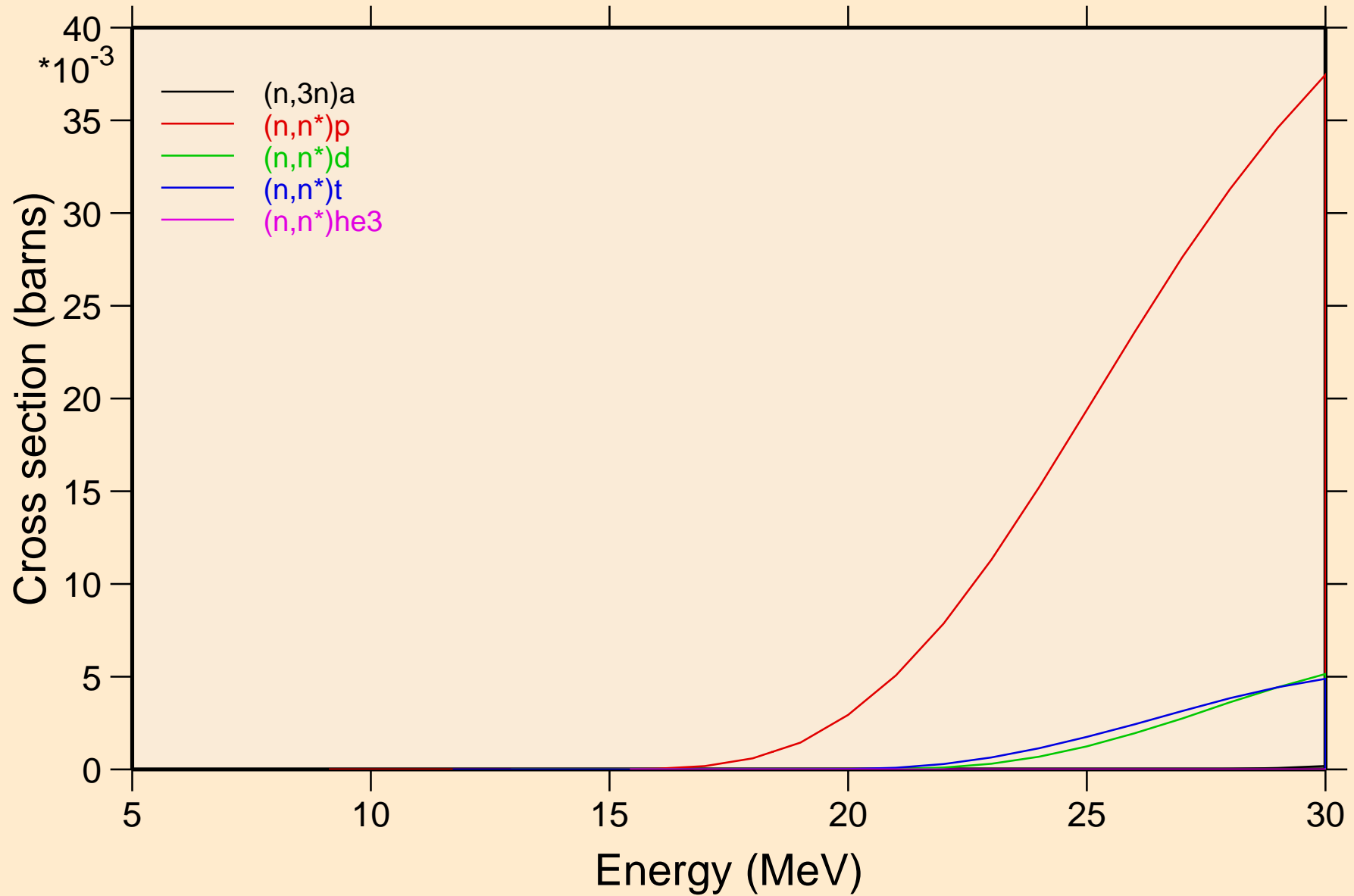
# HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



# HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

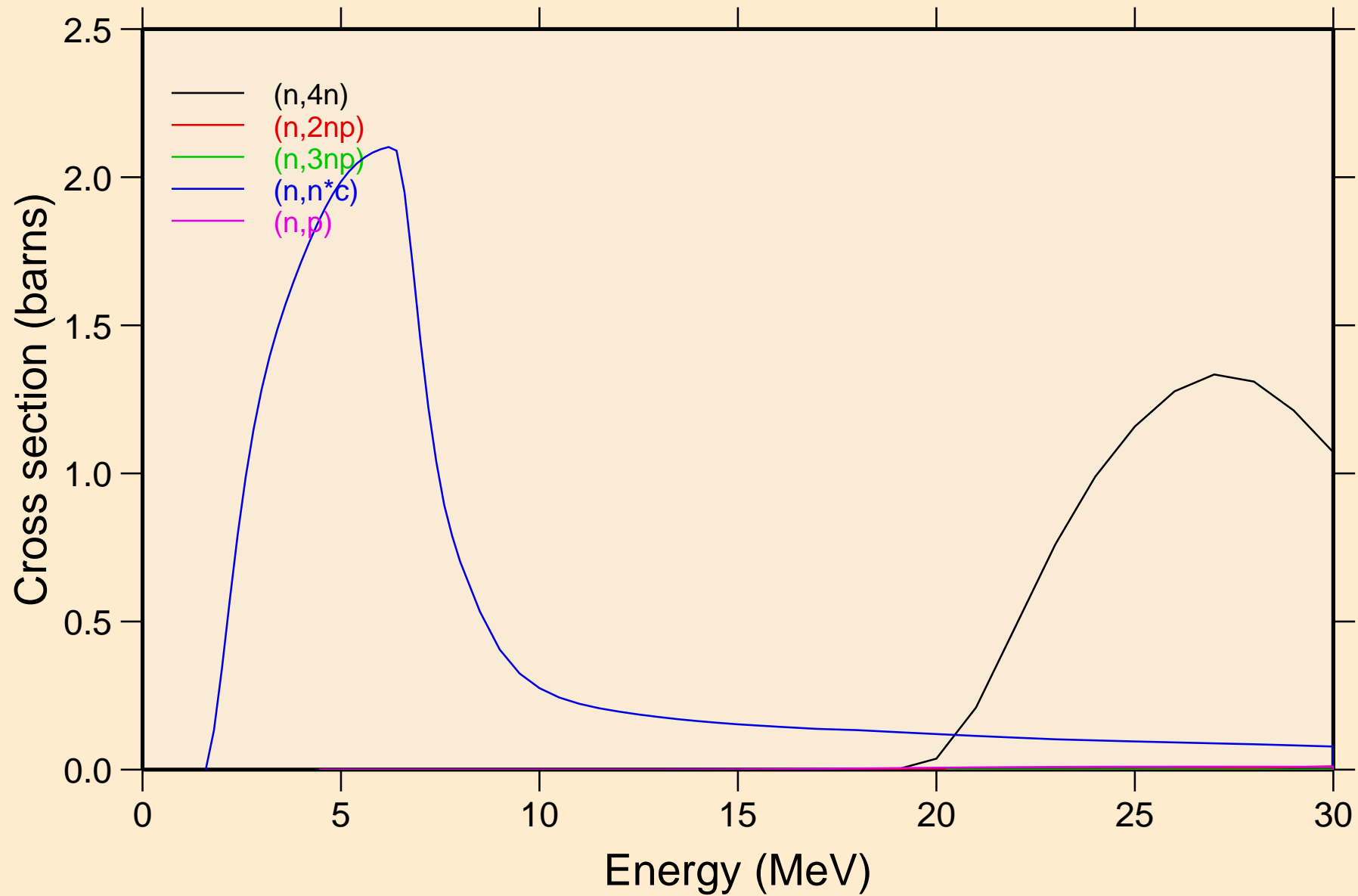
## Threshold reactions



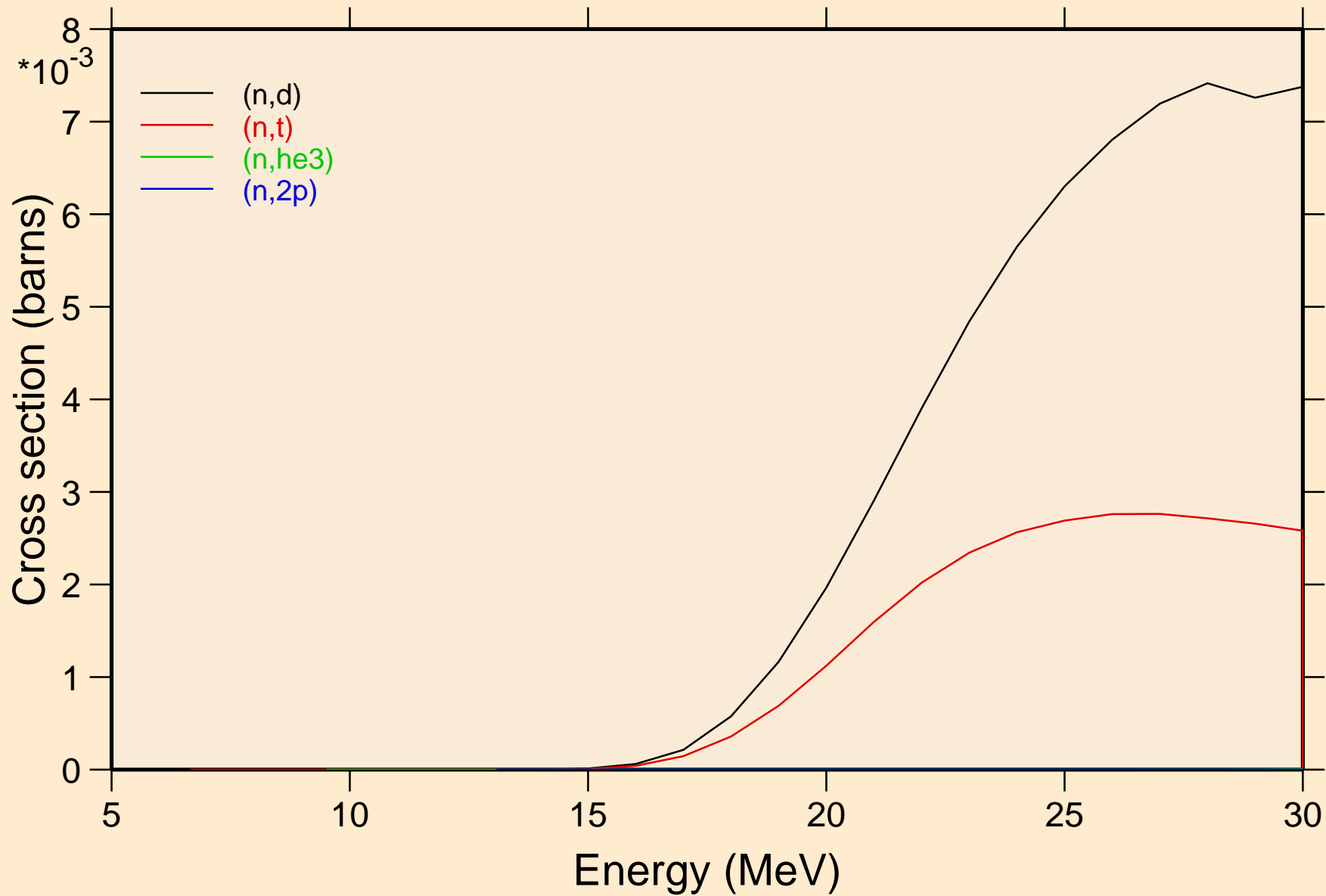


# HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

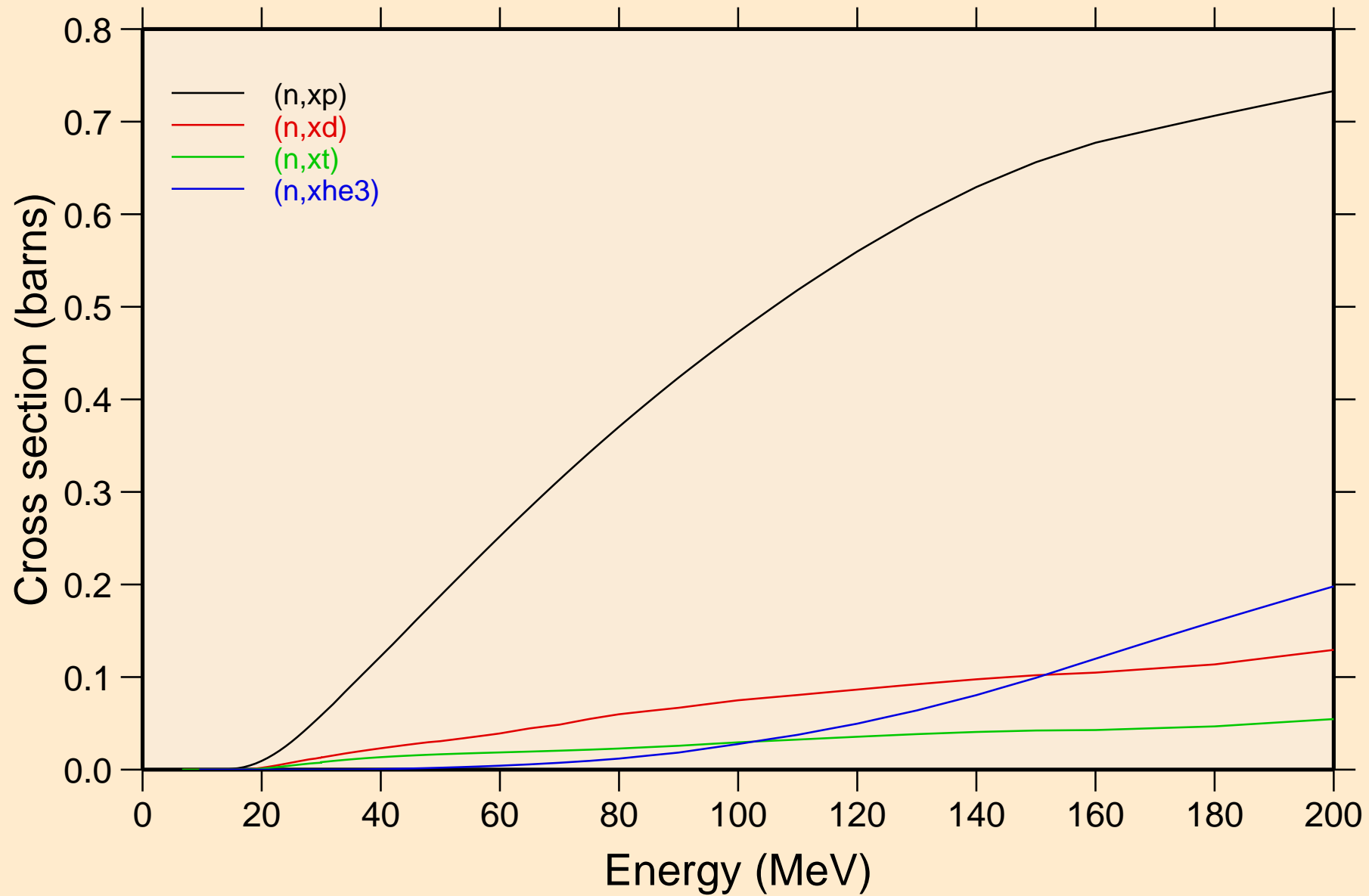


HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

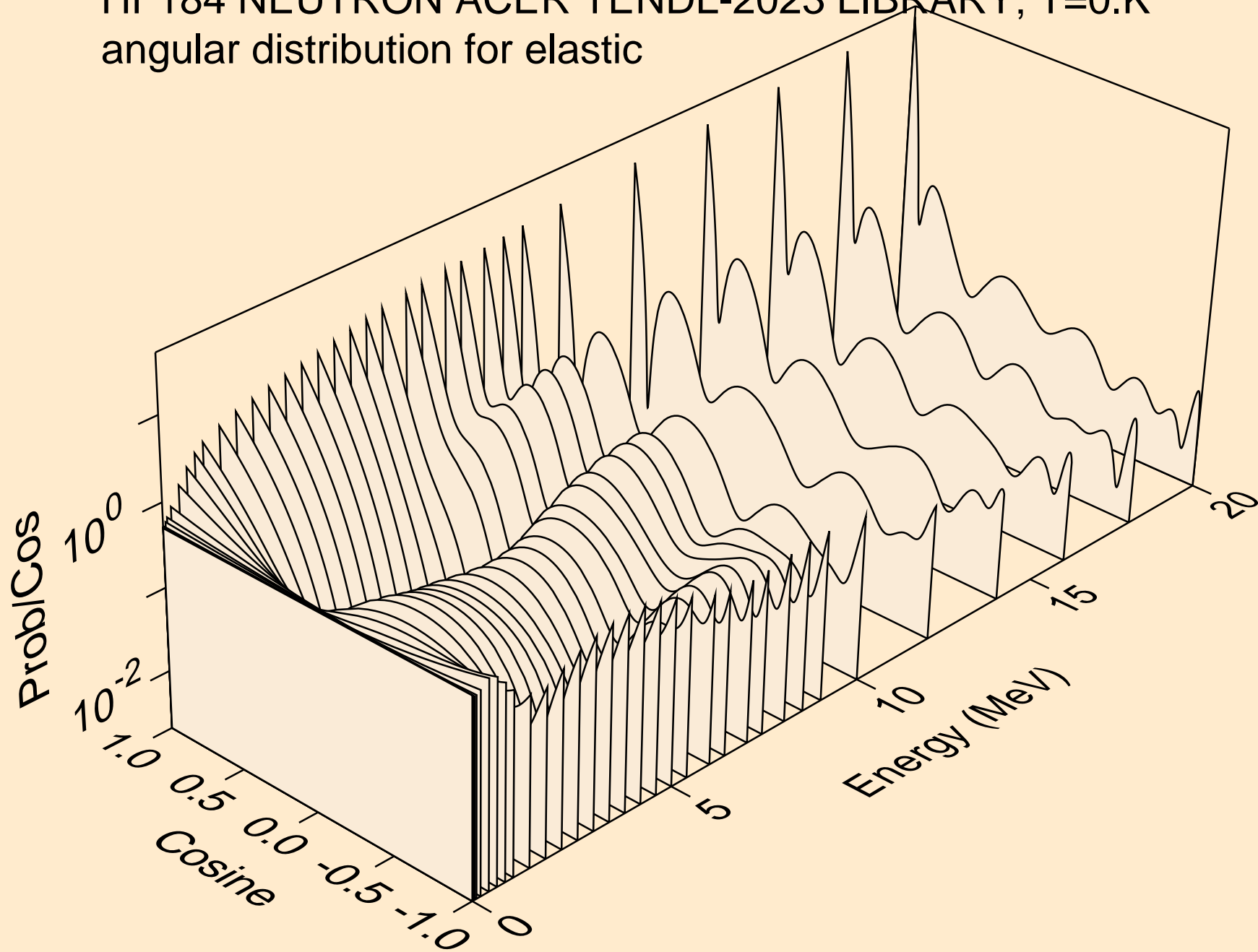


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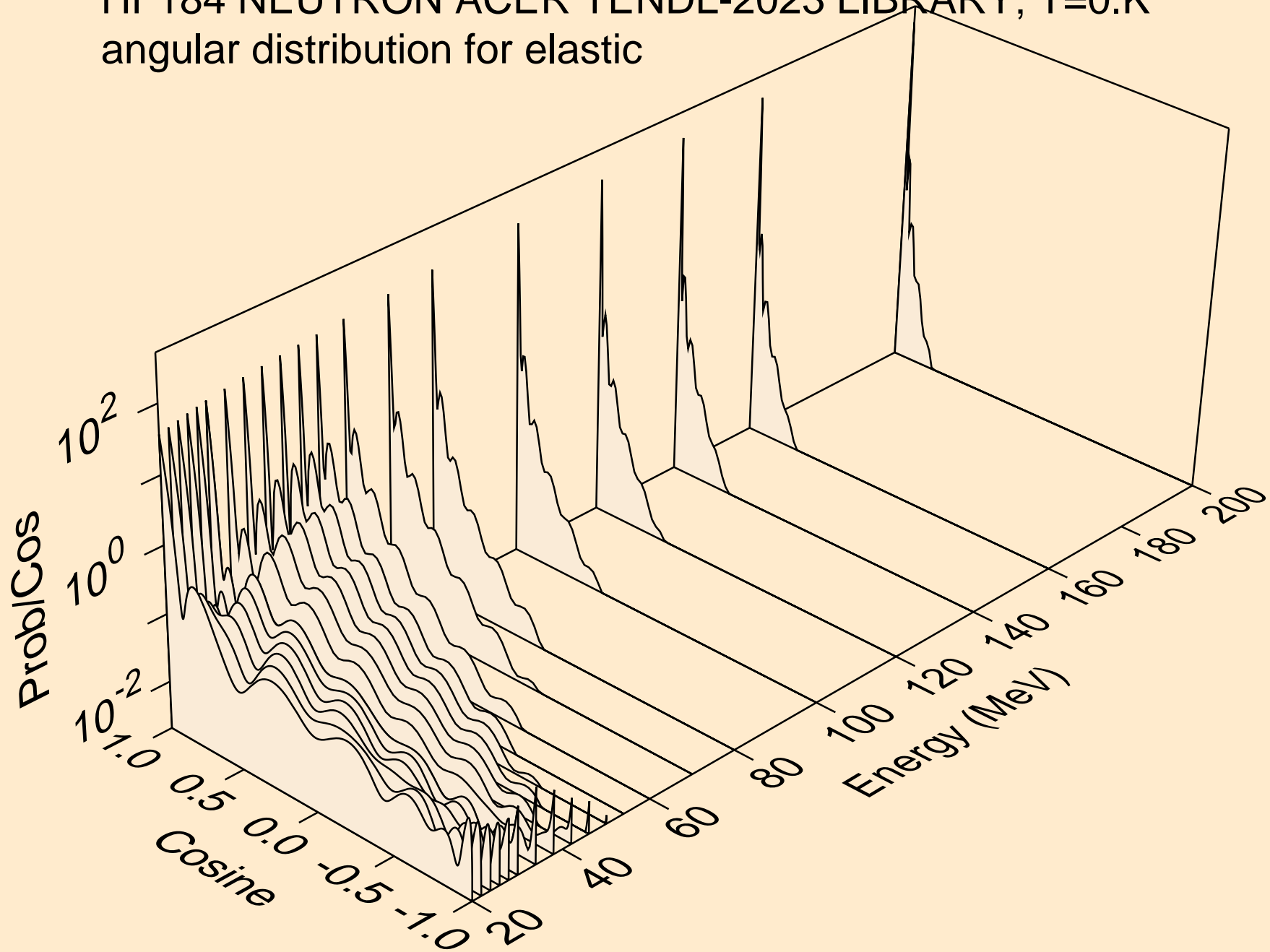
## Threshold reactions



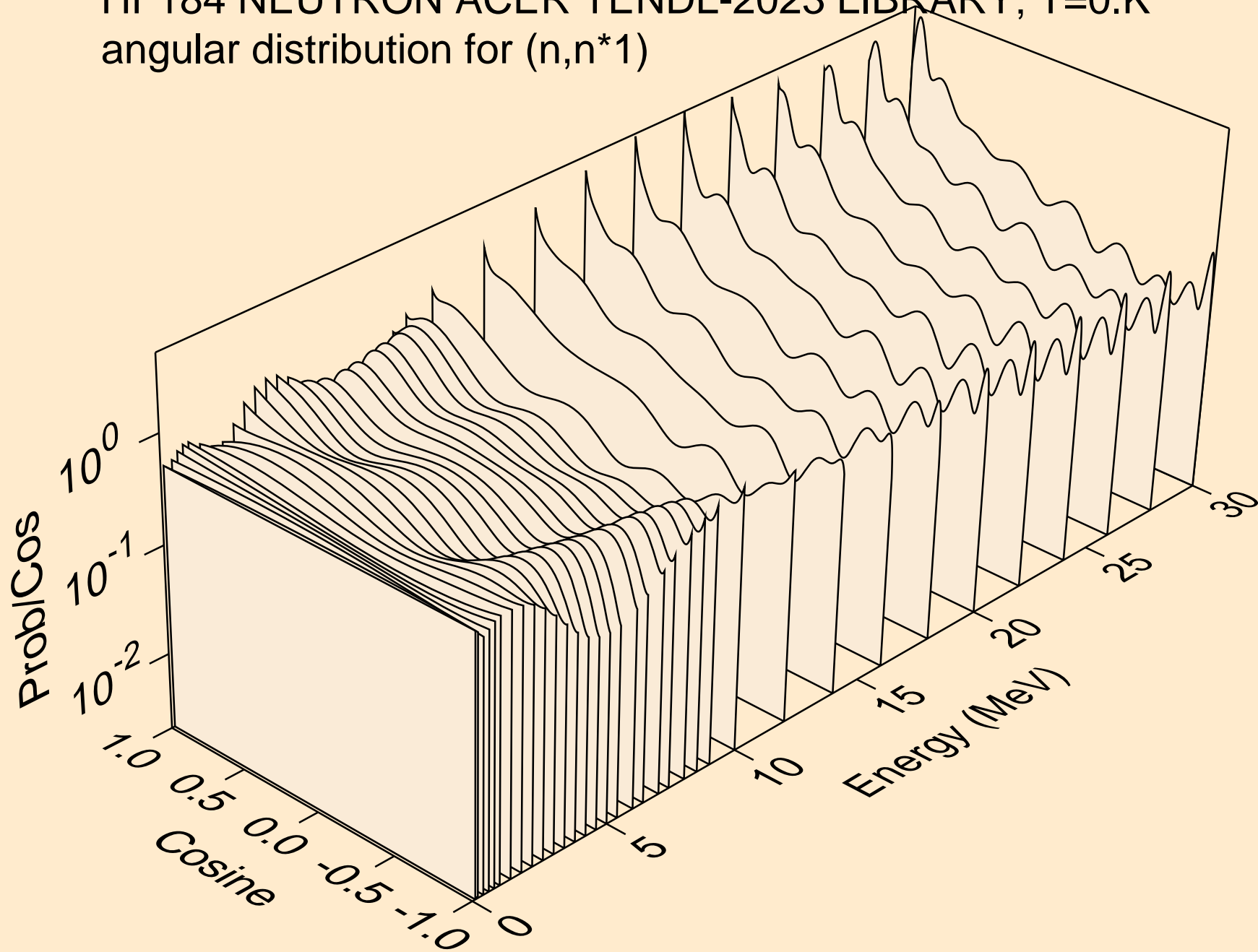
HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



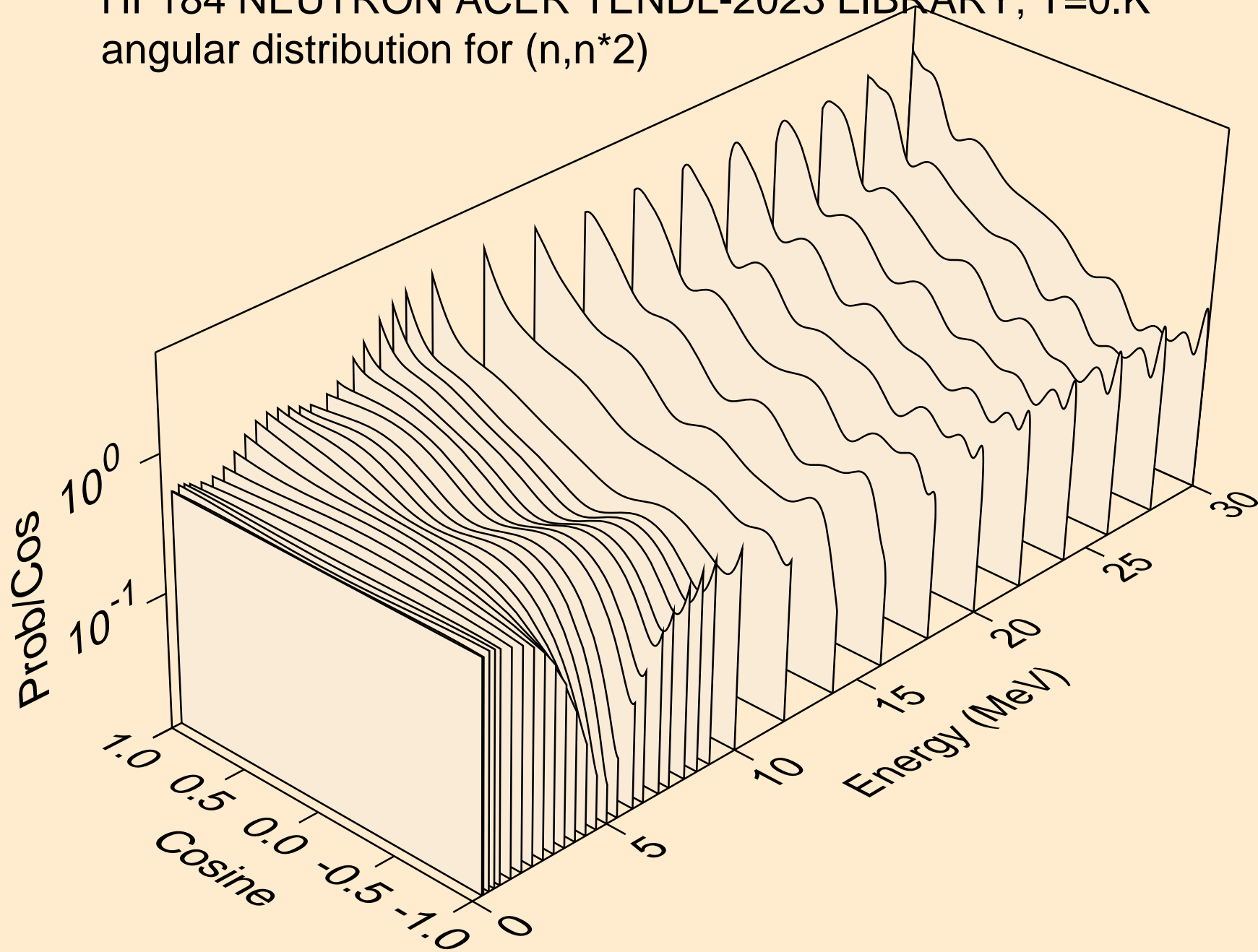
HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



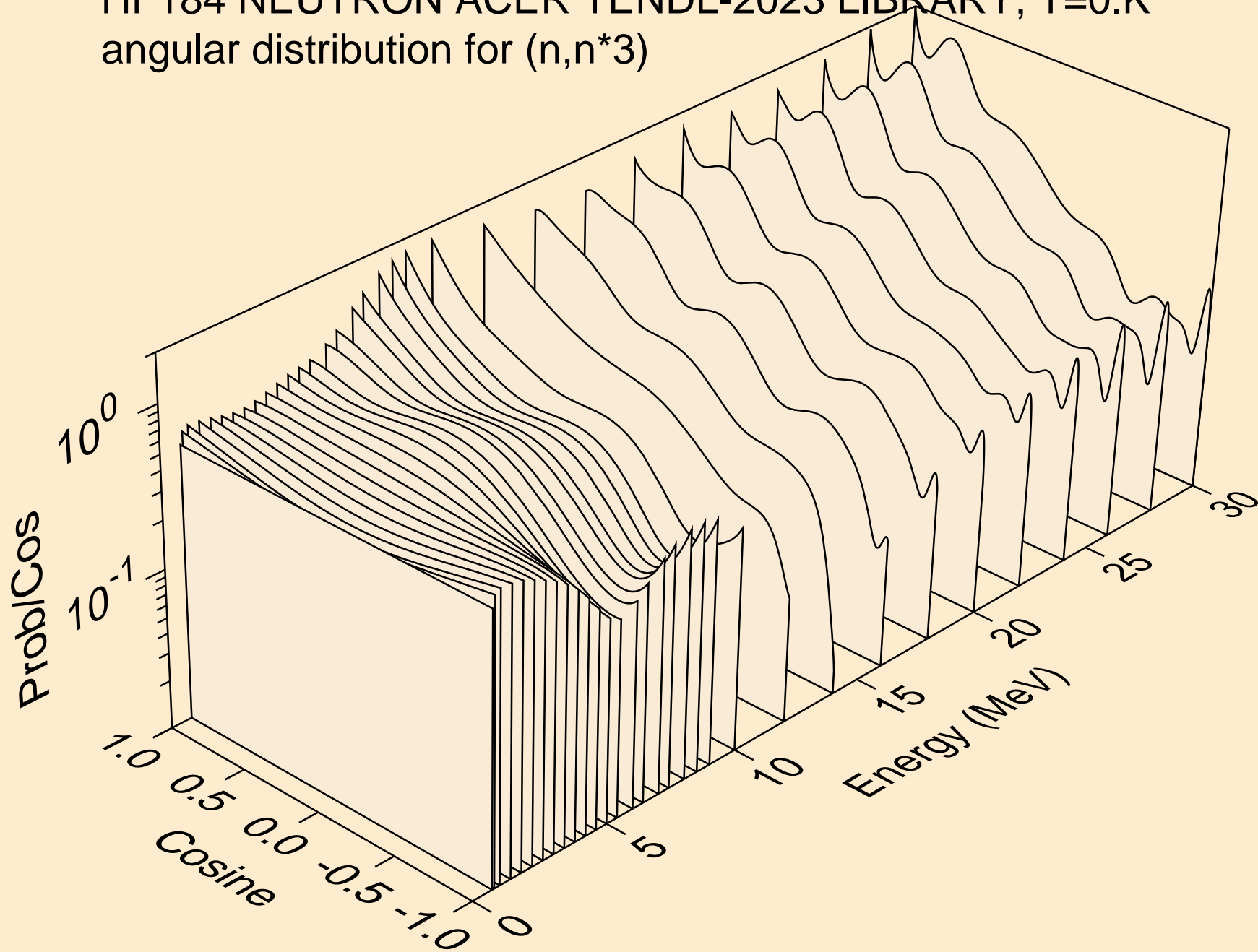
HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

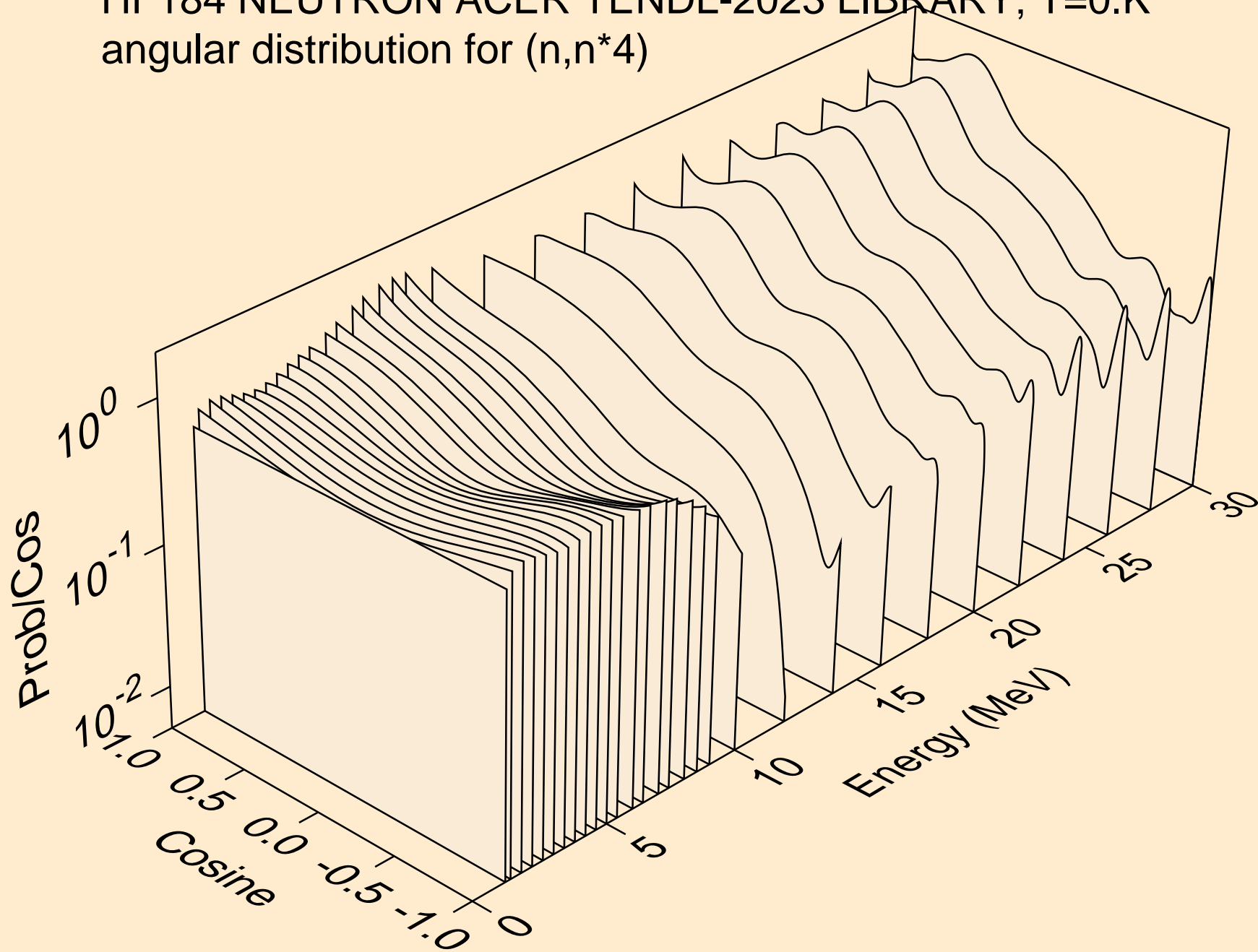


HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)

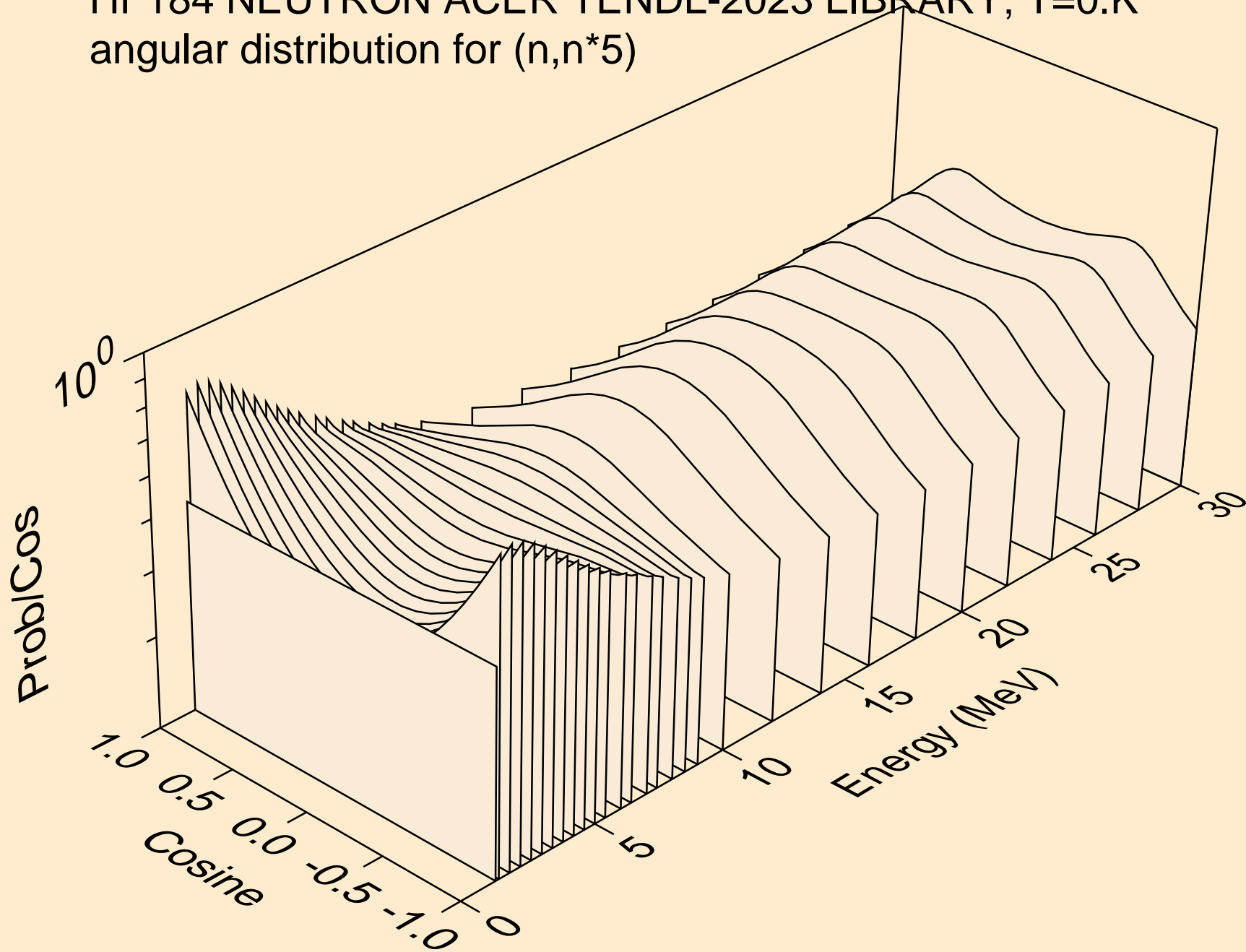




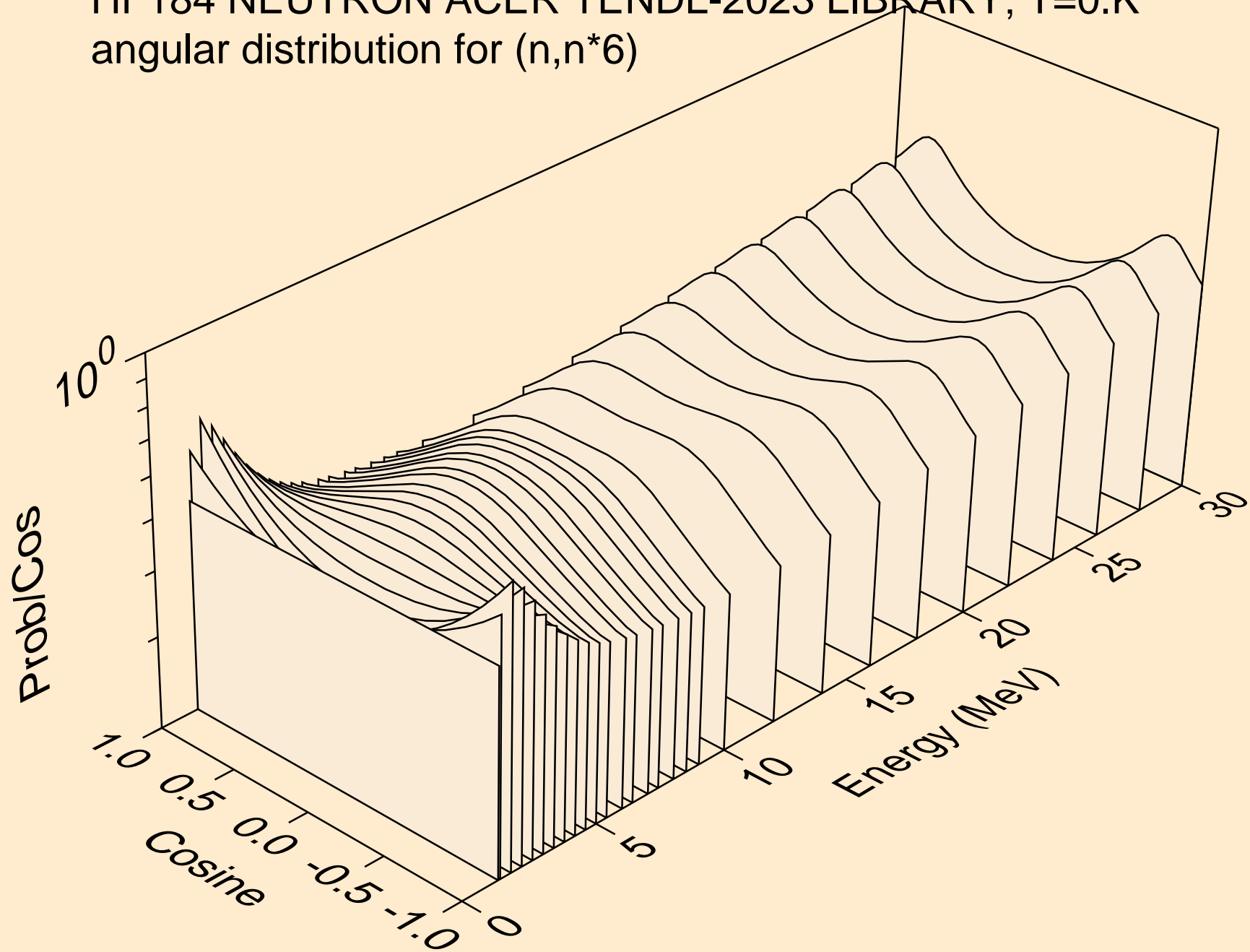
HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



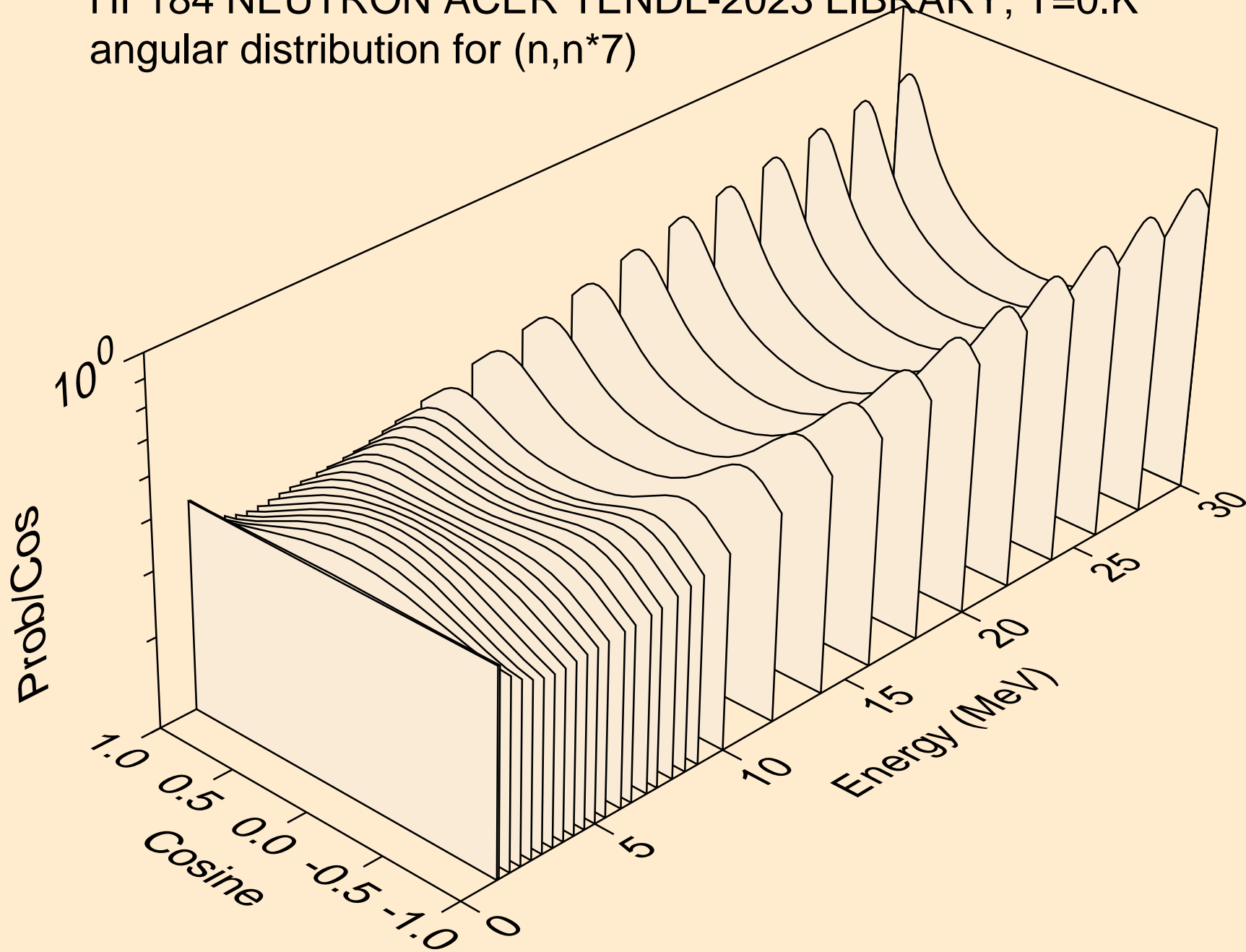
HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



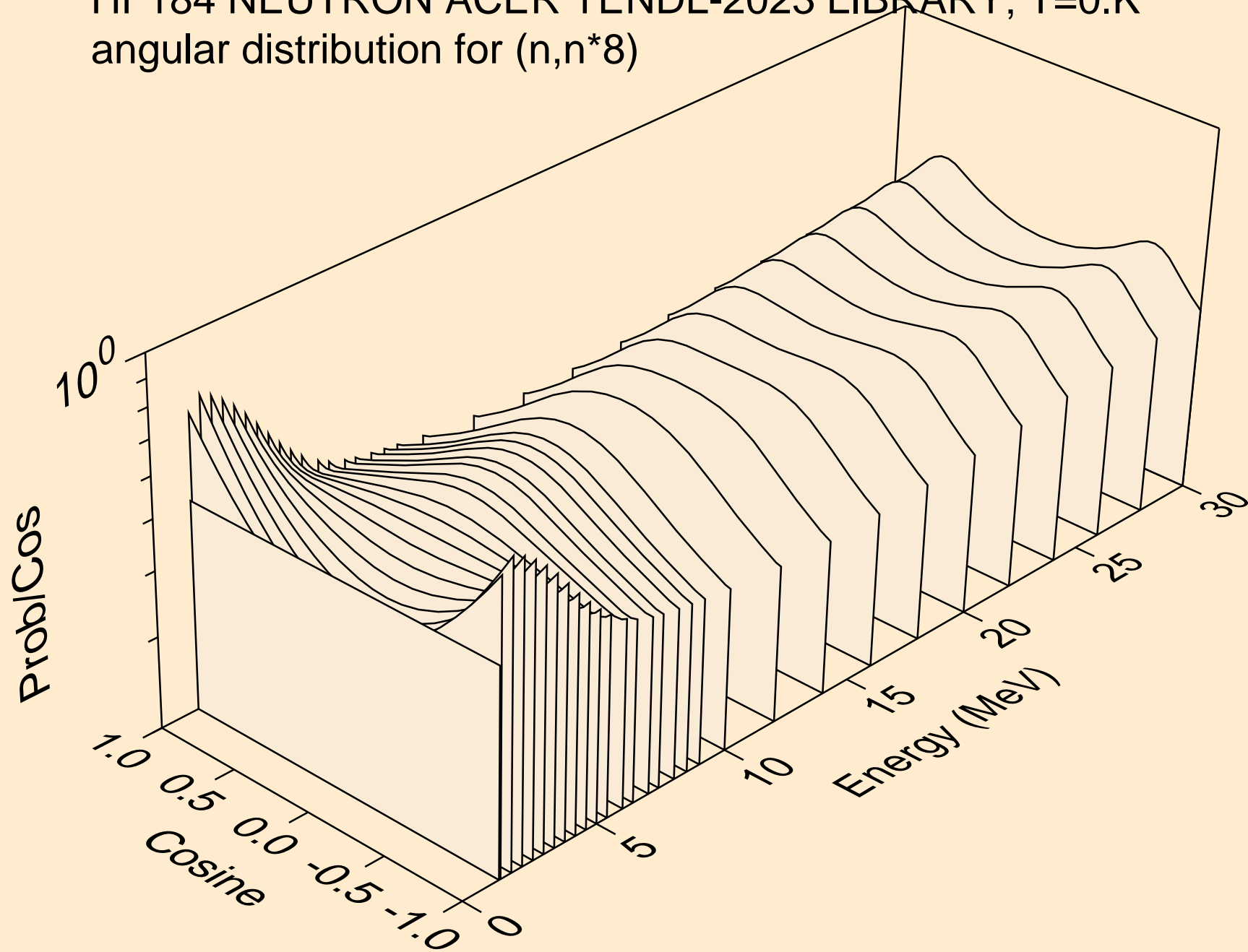
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angular distribution for (n,n\*6)



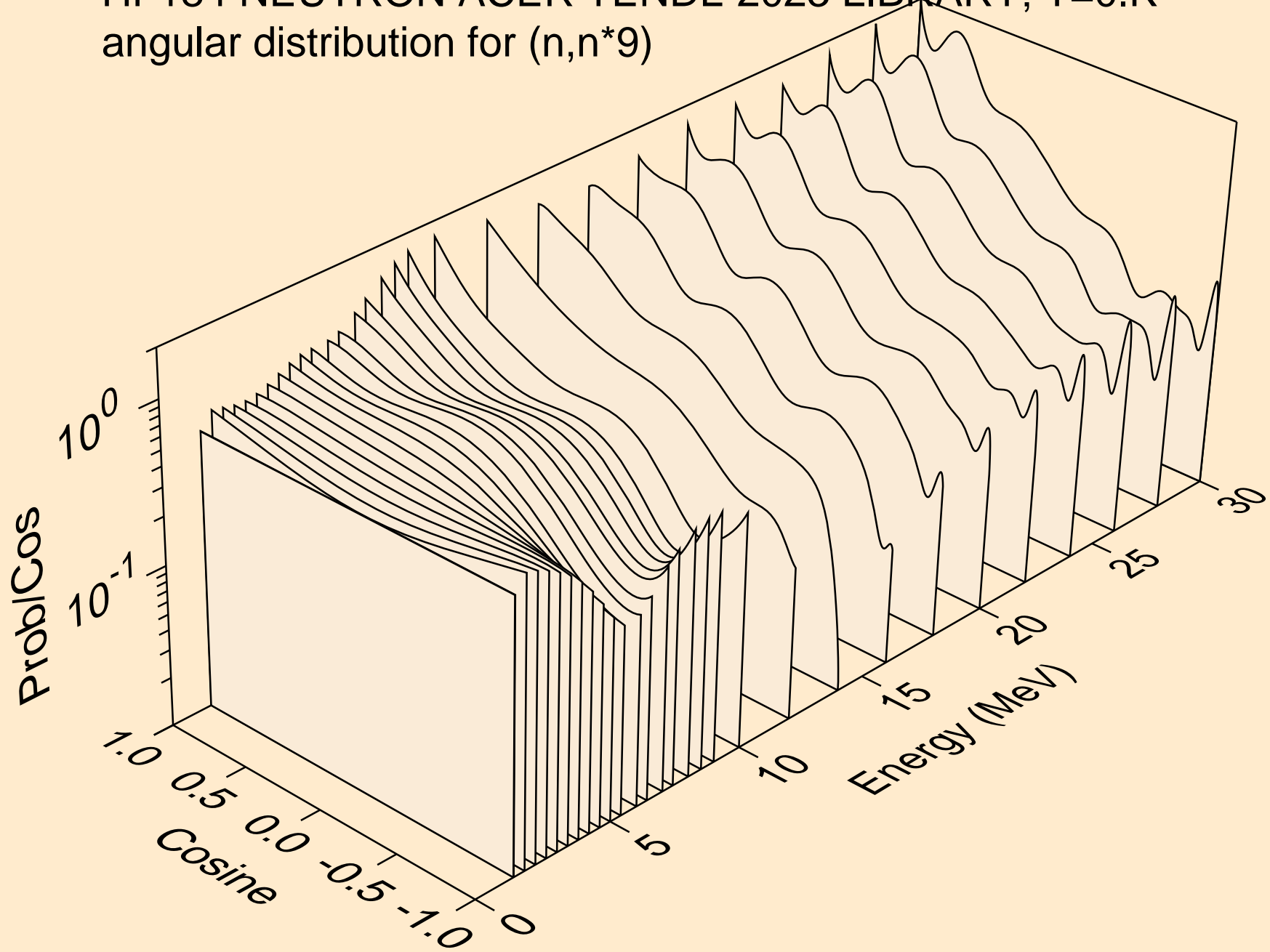
HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



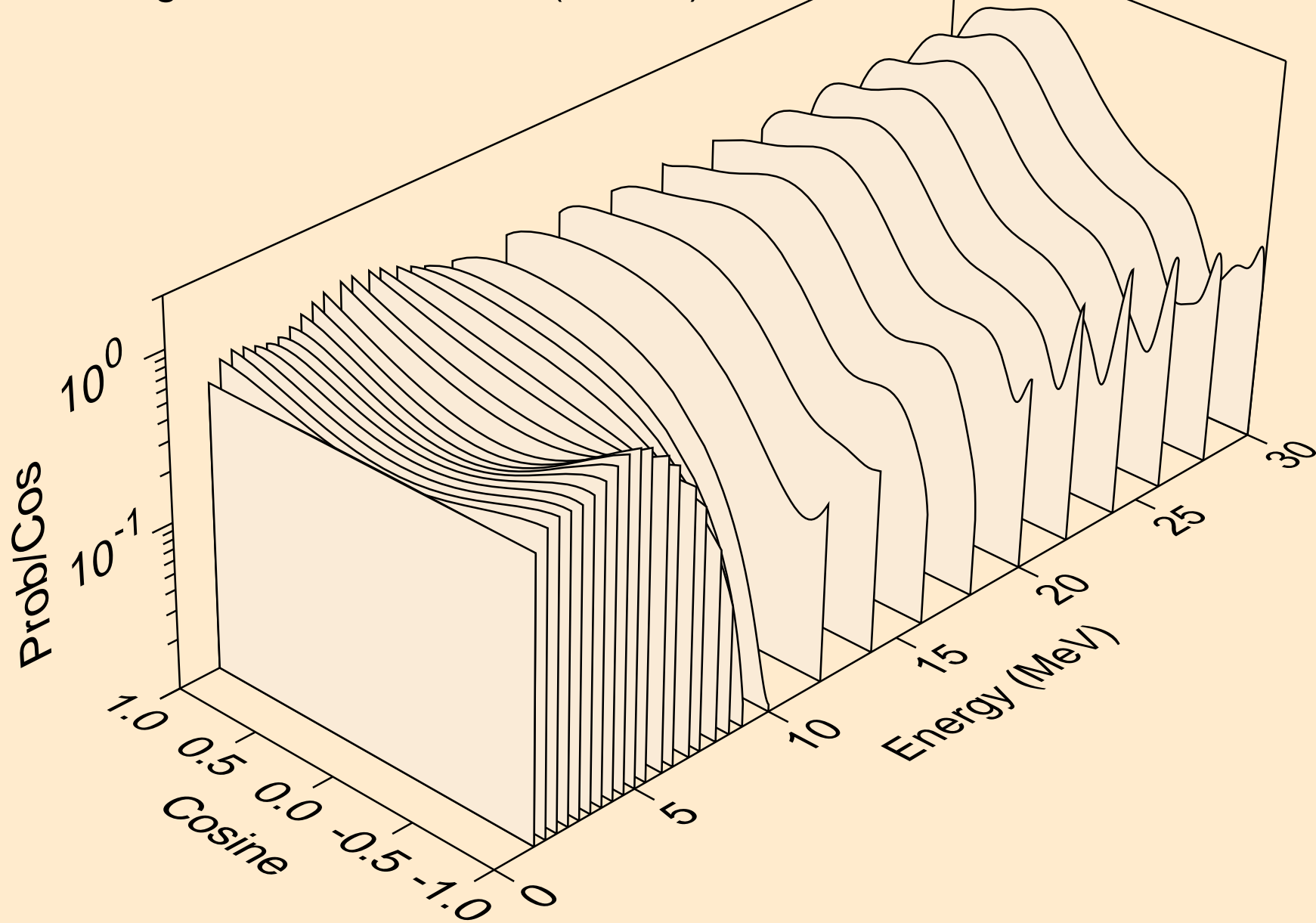
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angular distribution for (n,n\*8)



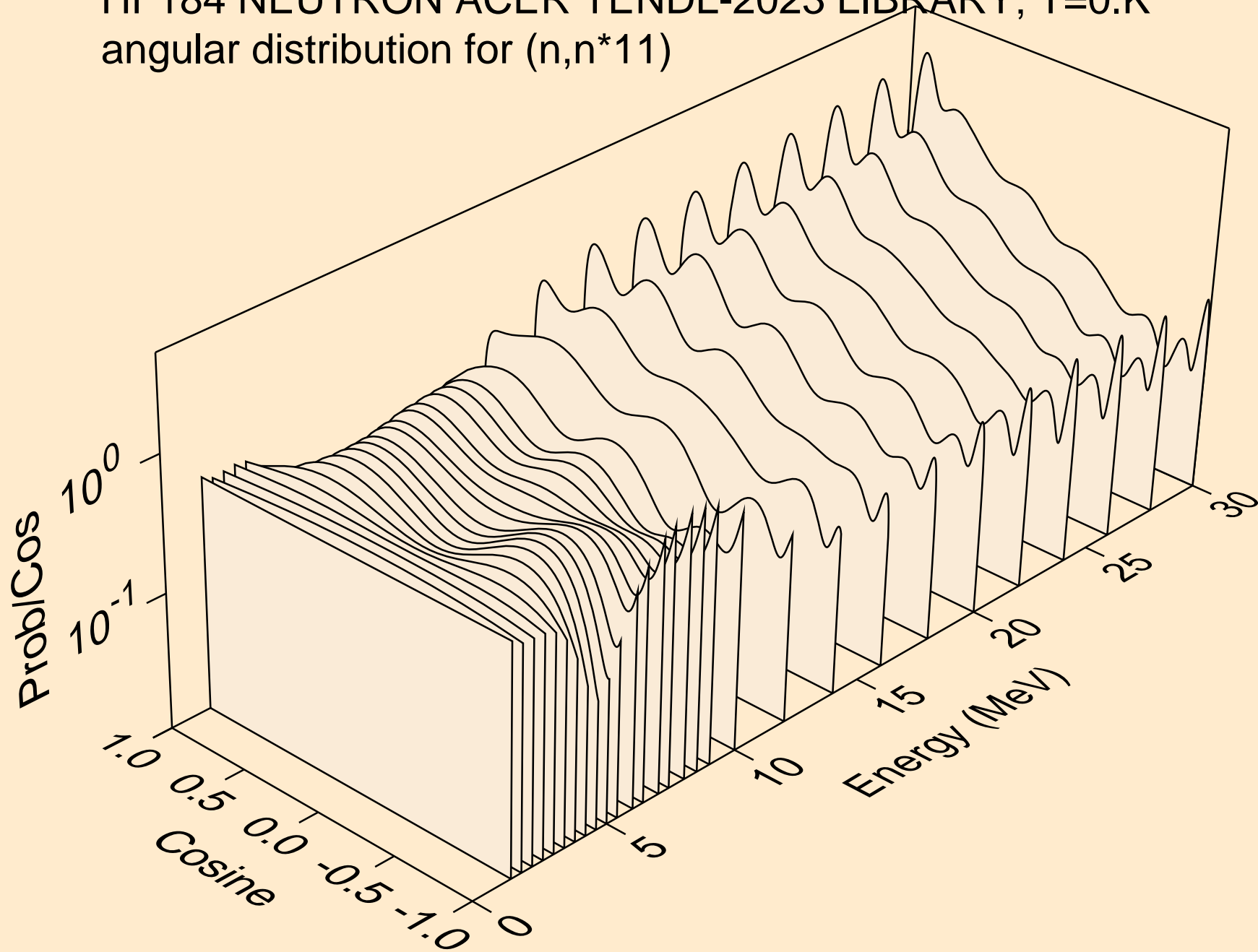
HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*10)

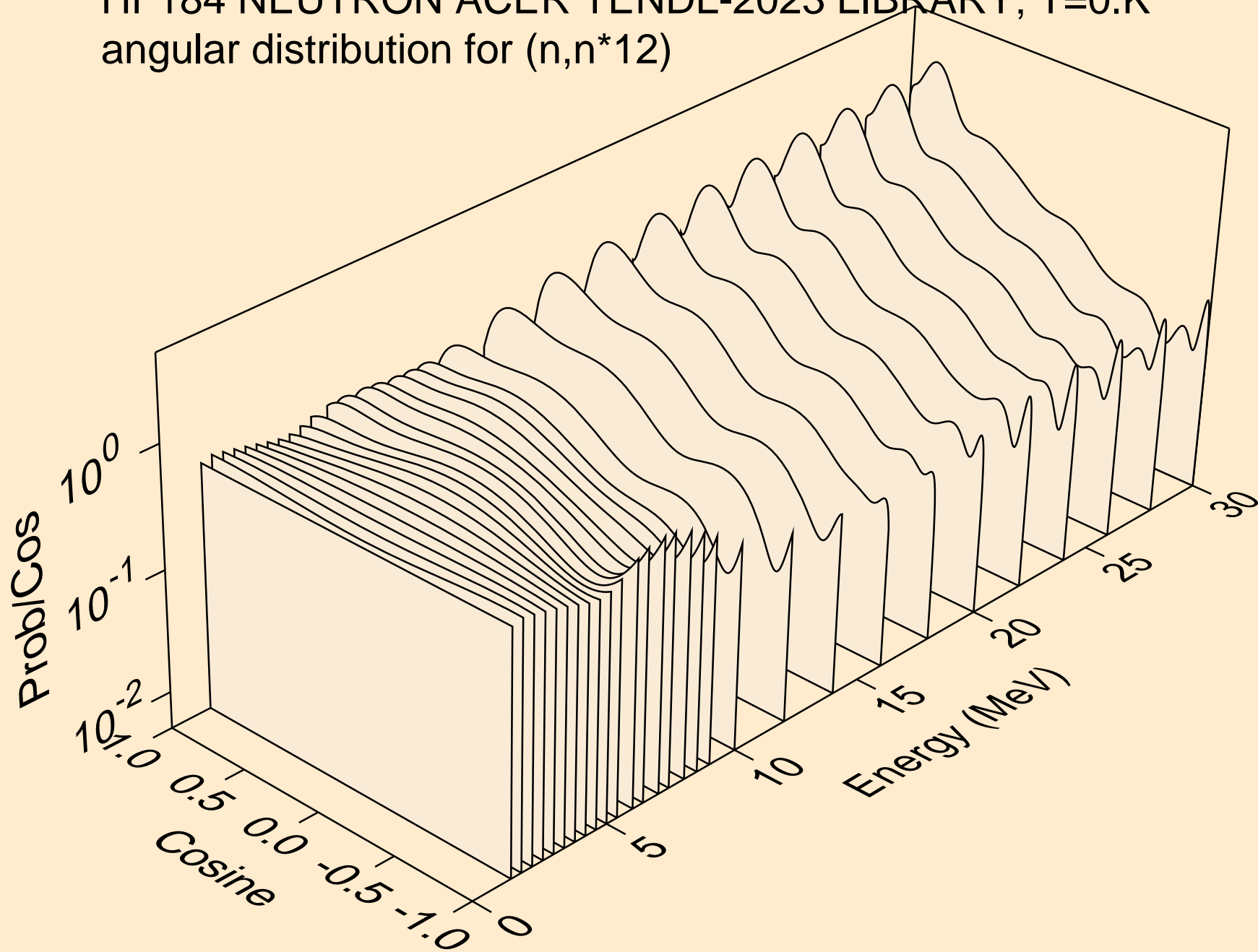


HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*11)

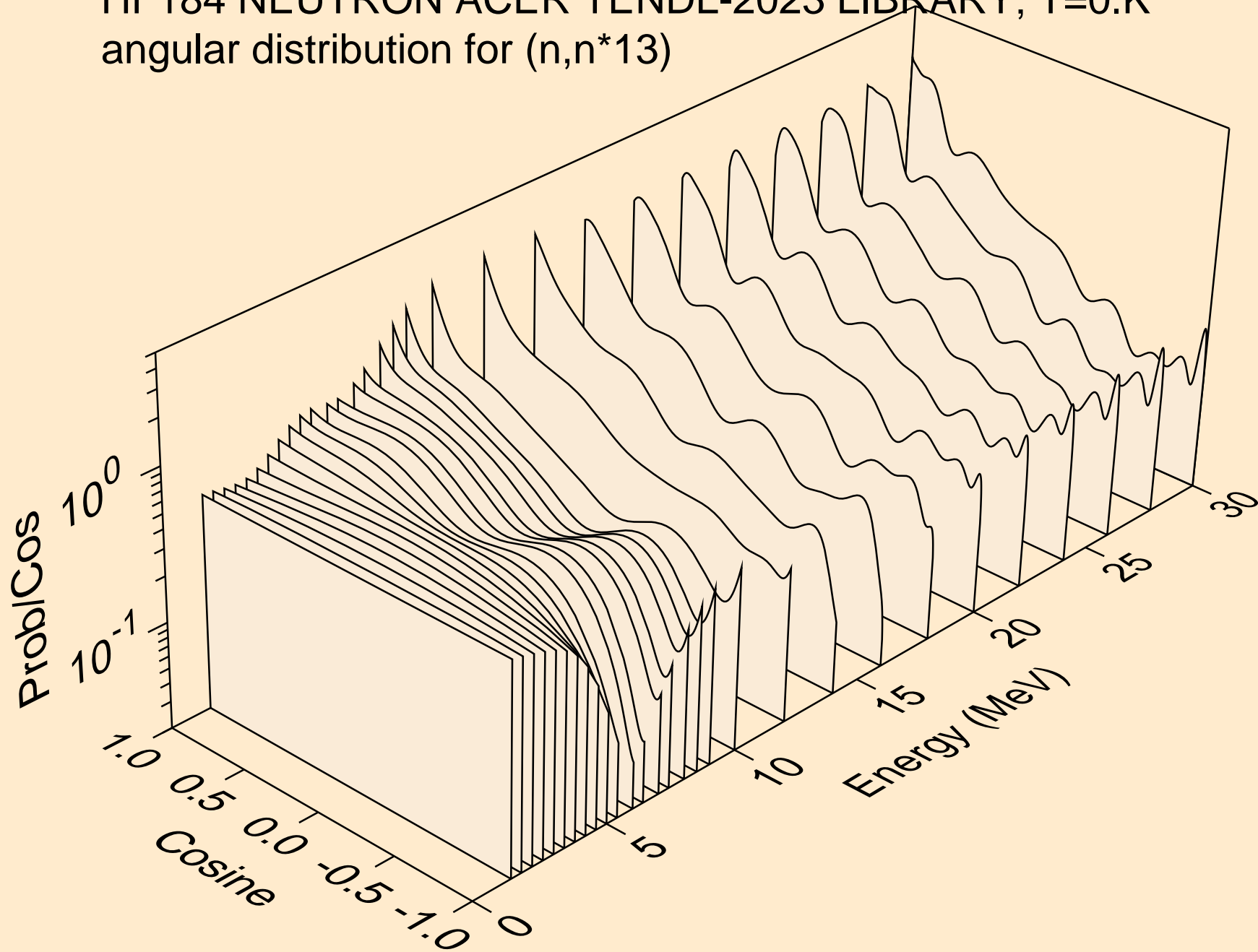




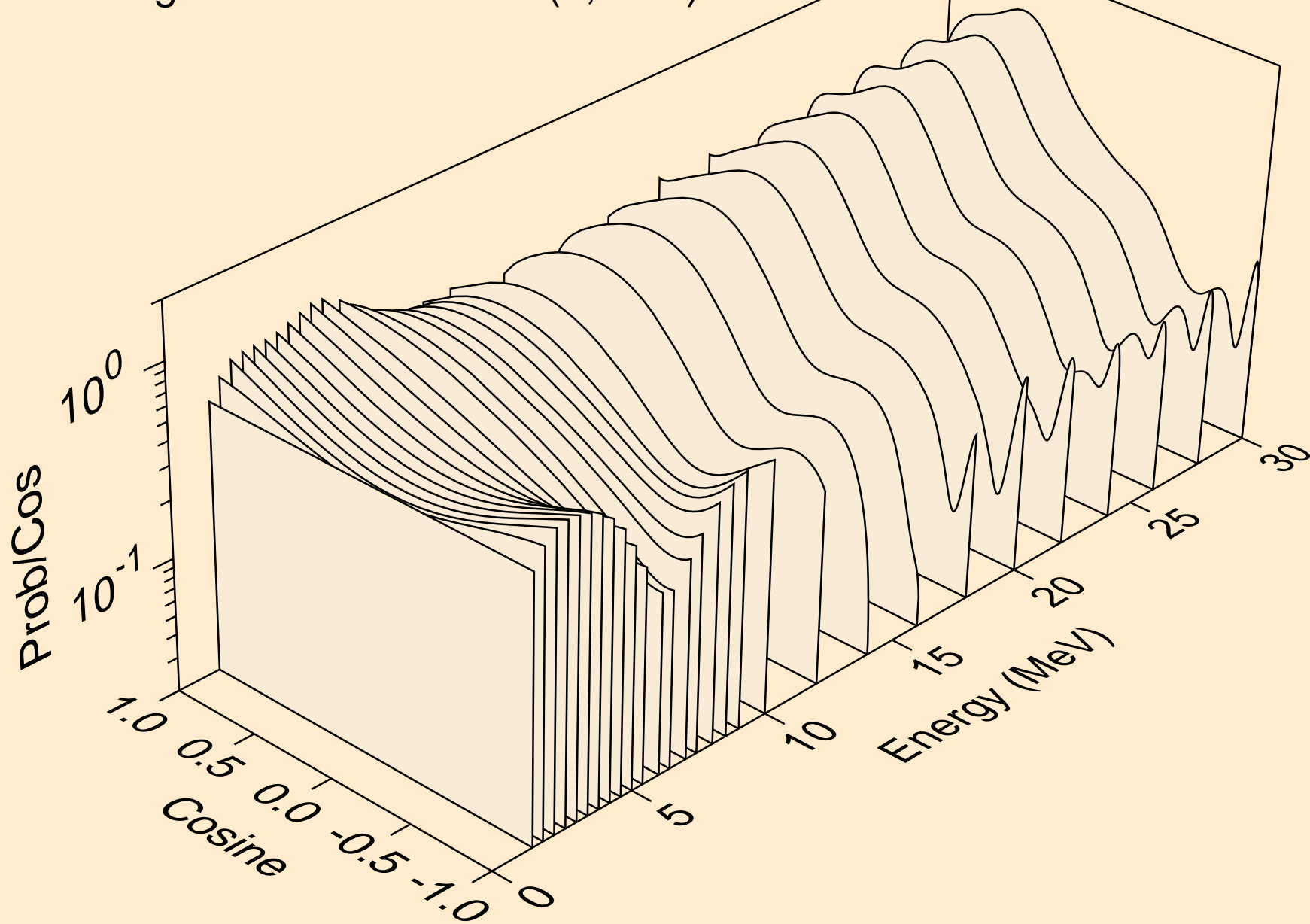
HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



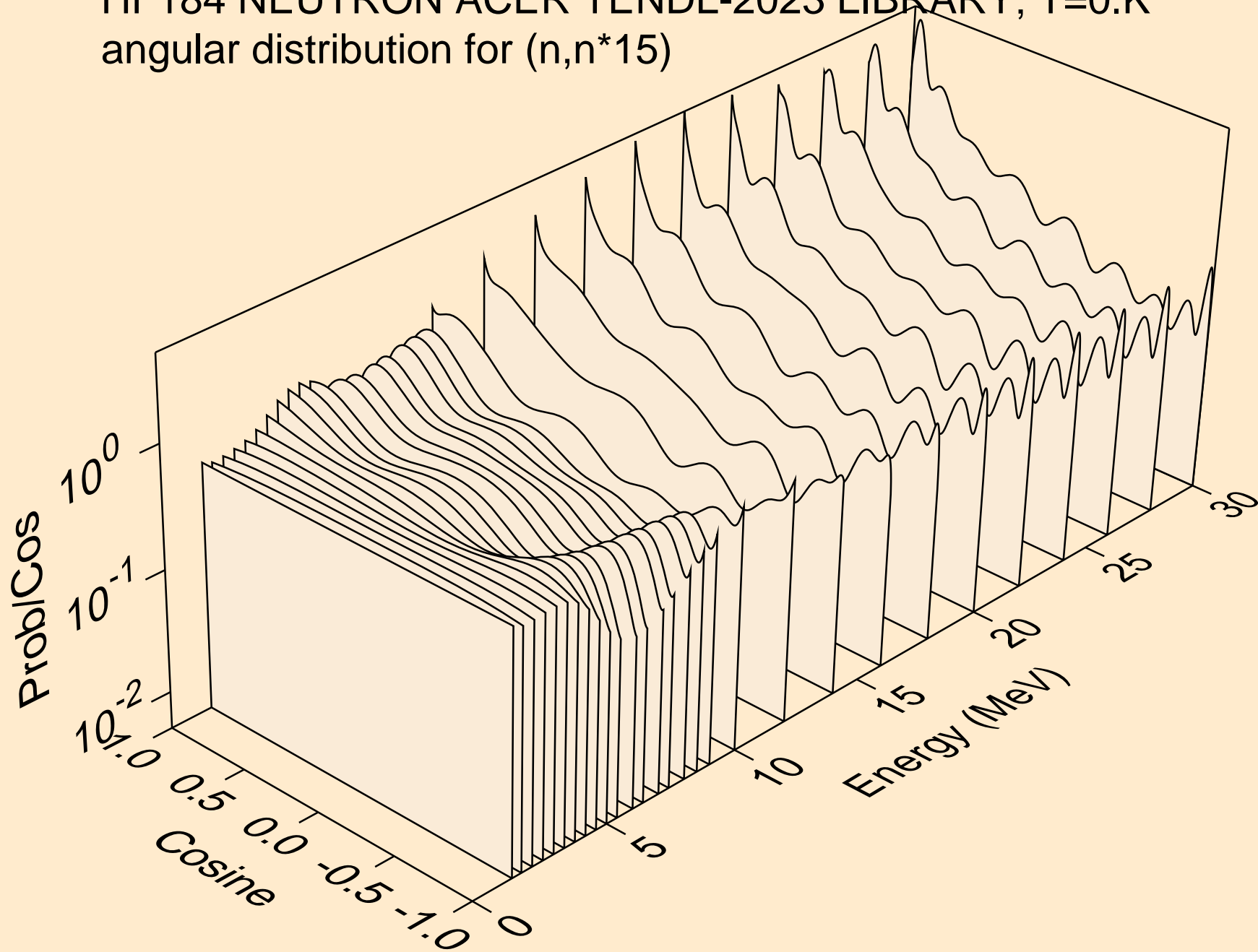
HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



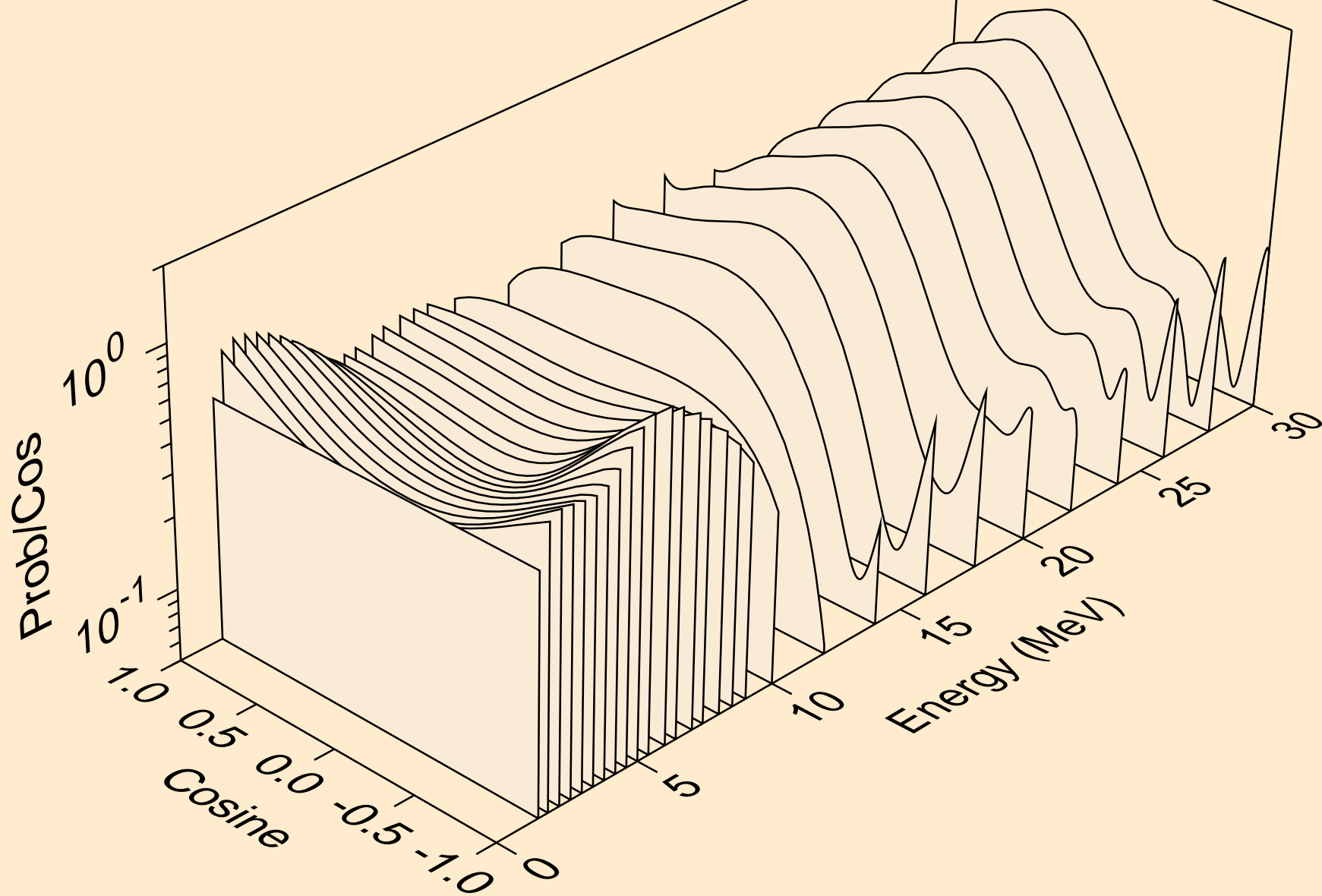
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angular distribution for (n,n\*14)



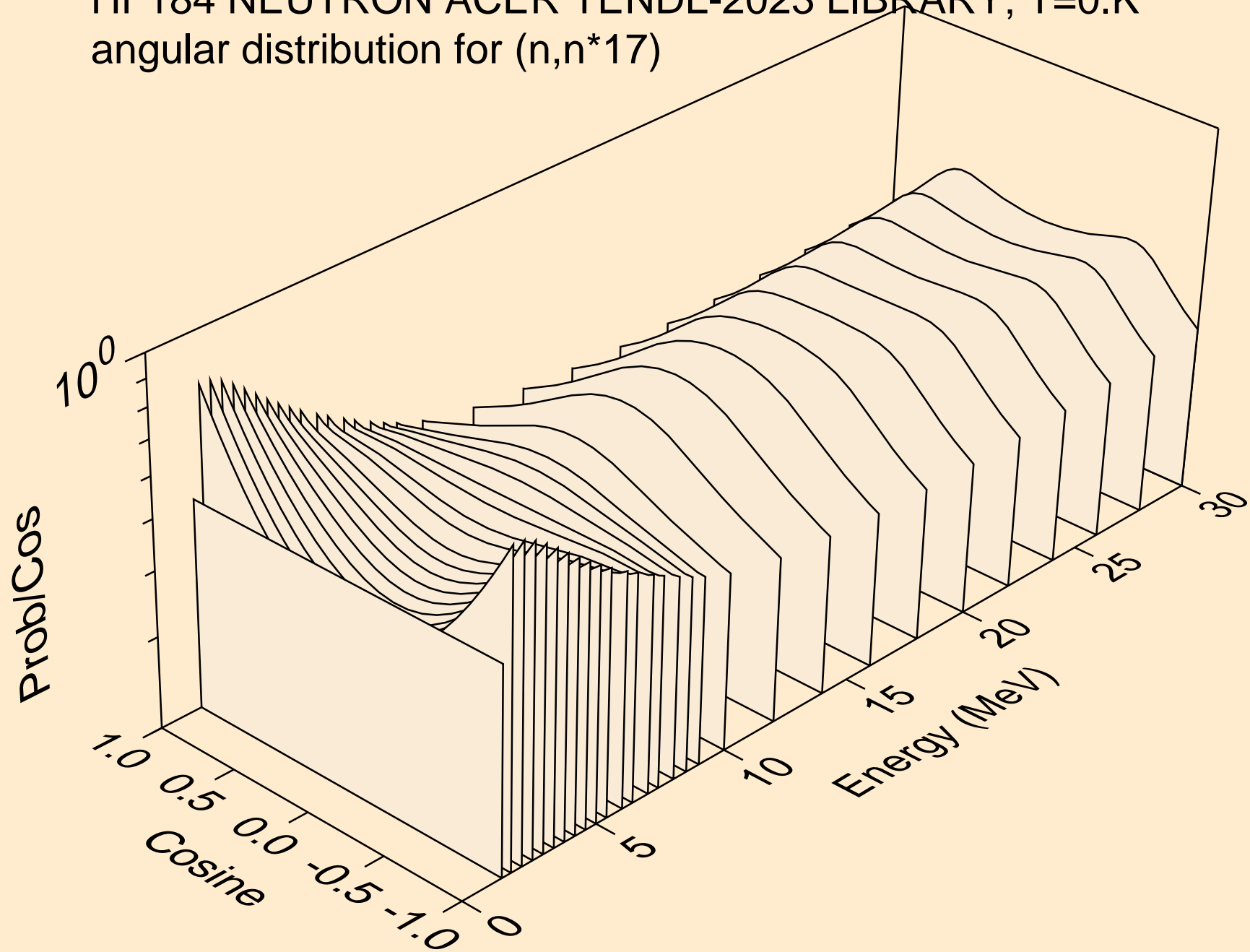
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angular distribution for (n,n\*15)



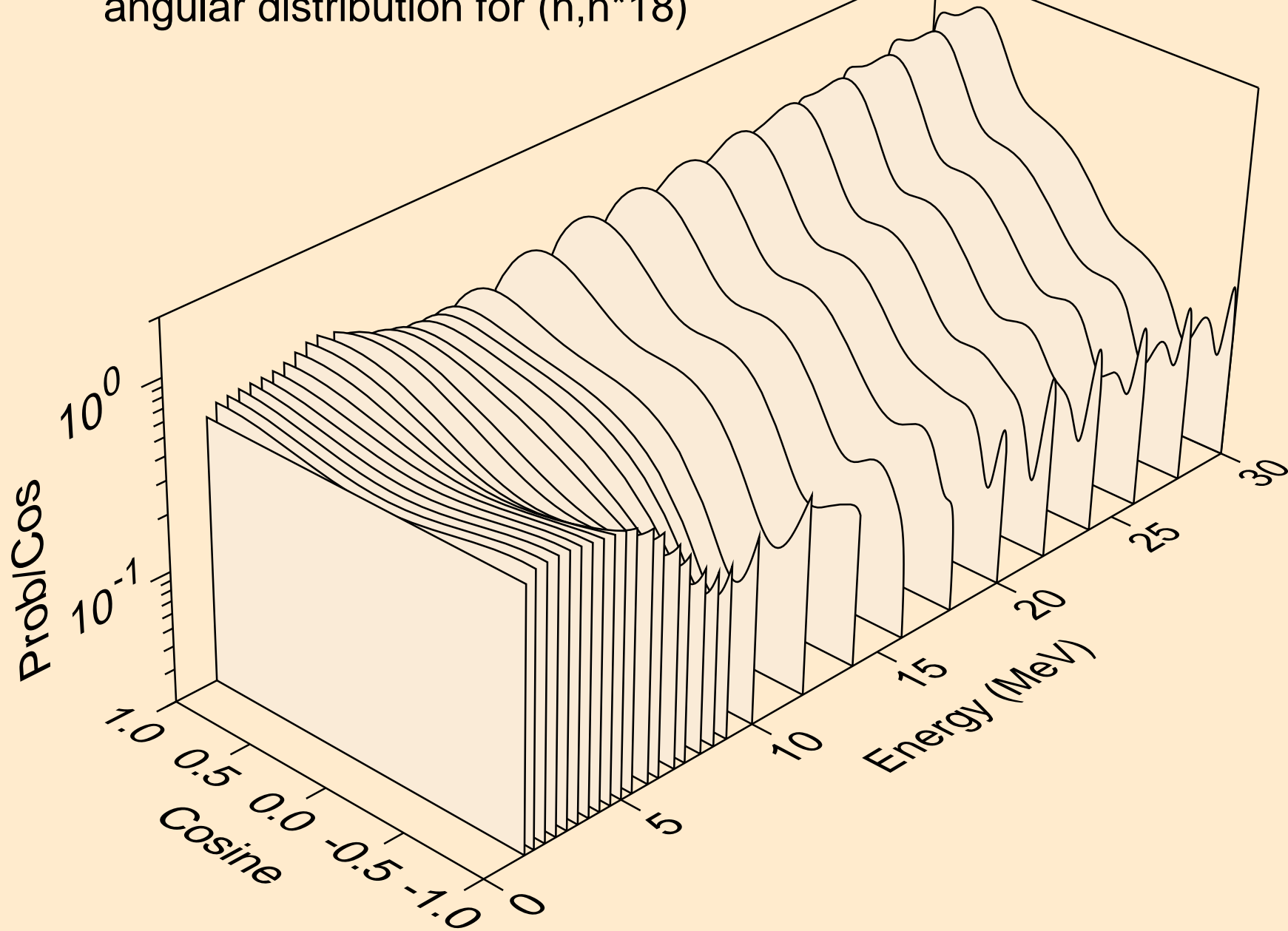
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angular distribution for (n,n\*16)



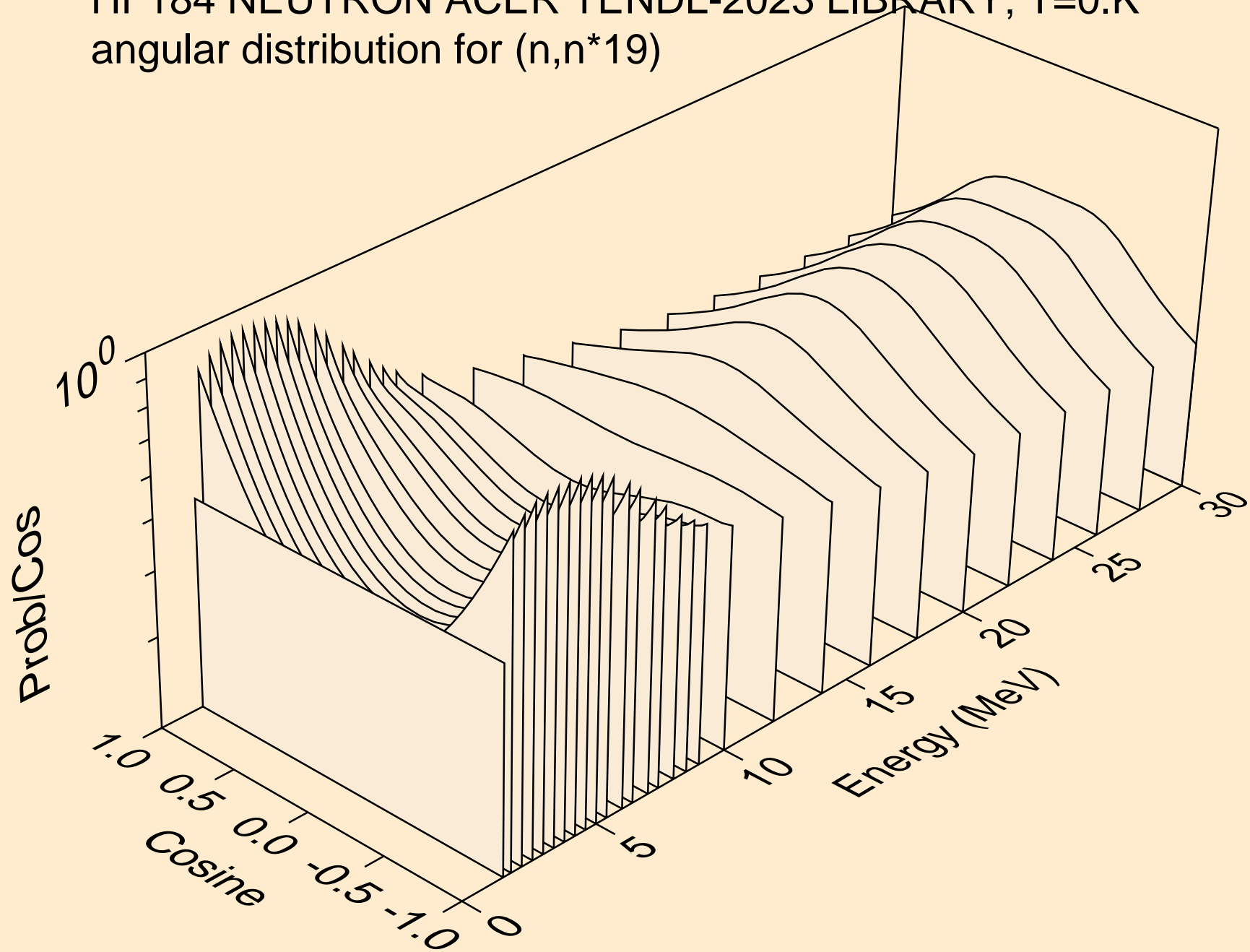
HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*18)

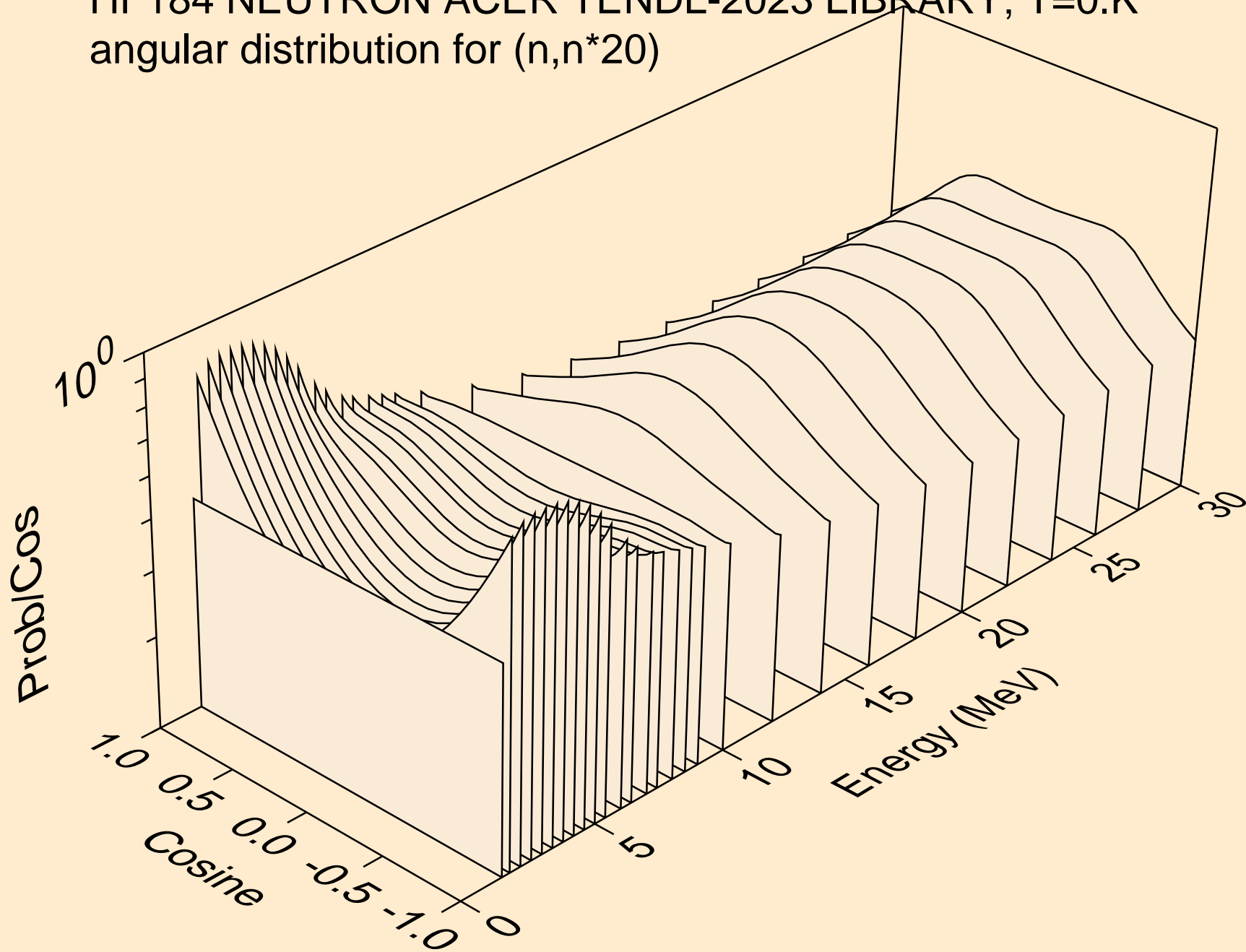


HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*19)

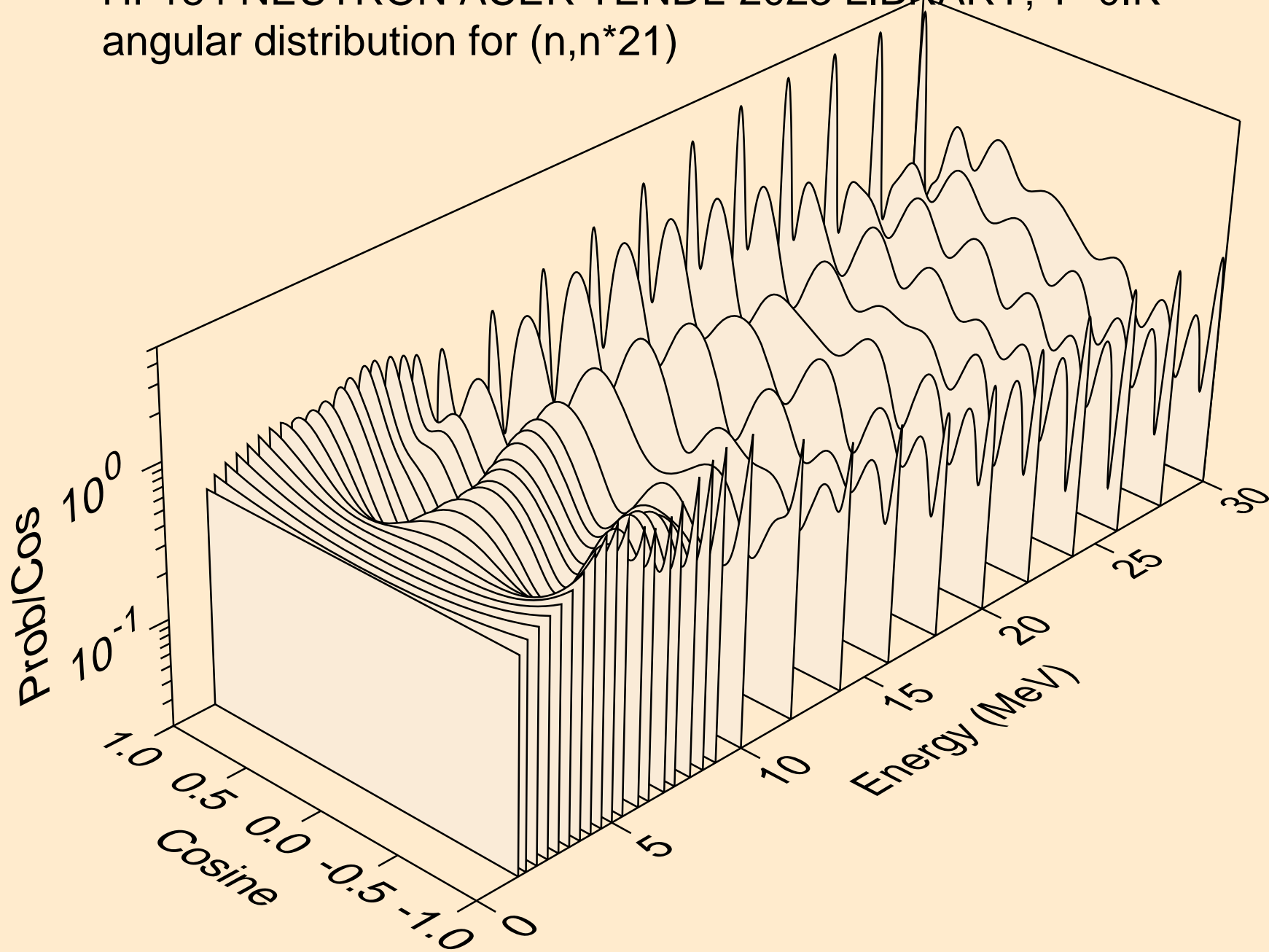




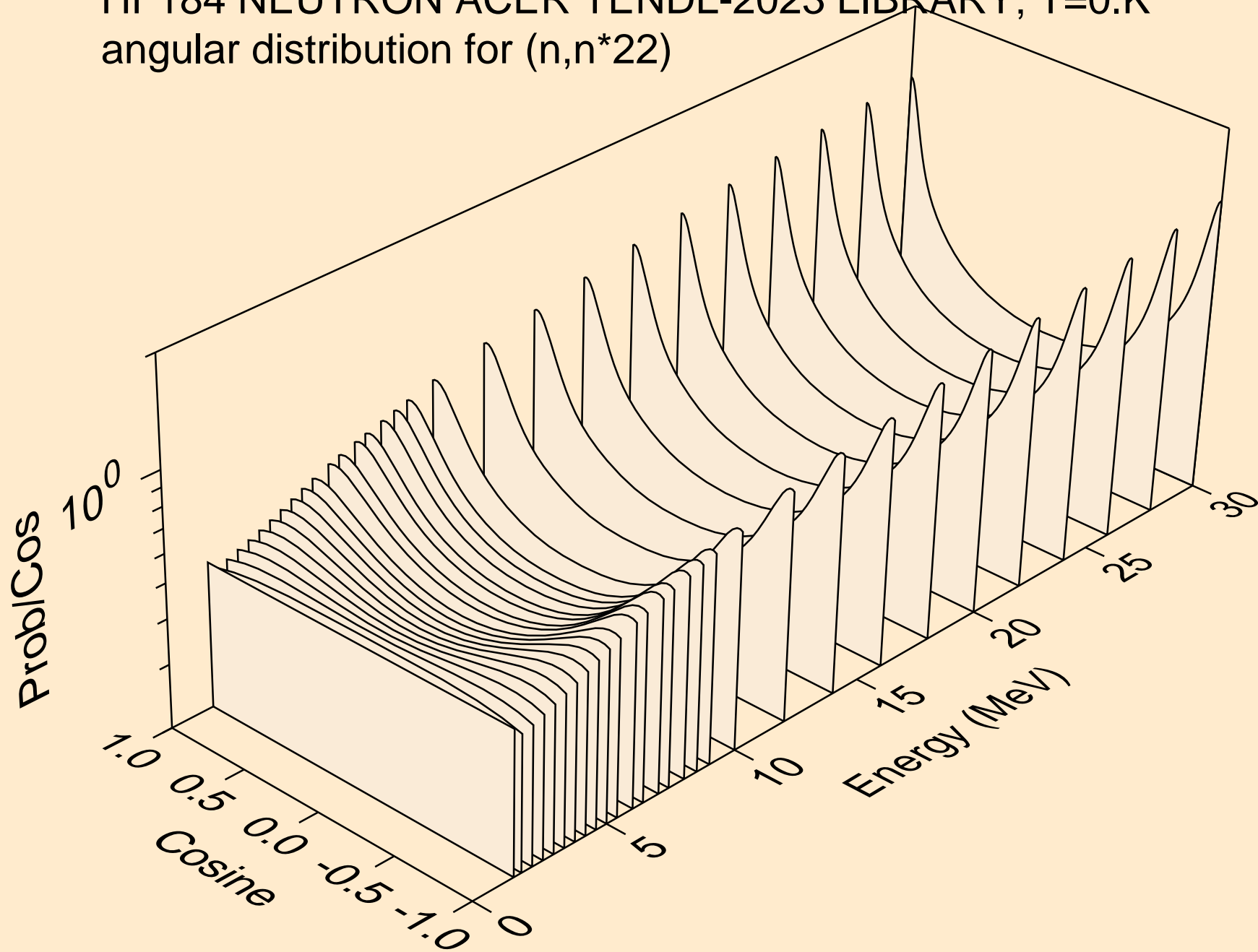
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angular distribution for (n,n\*20)



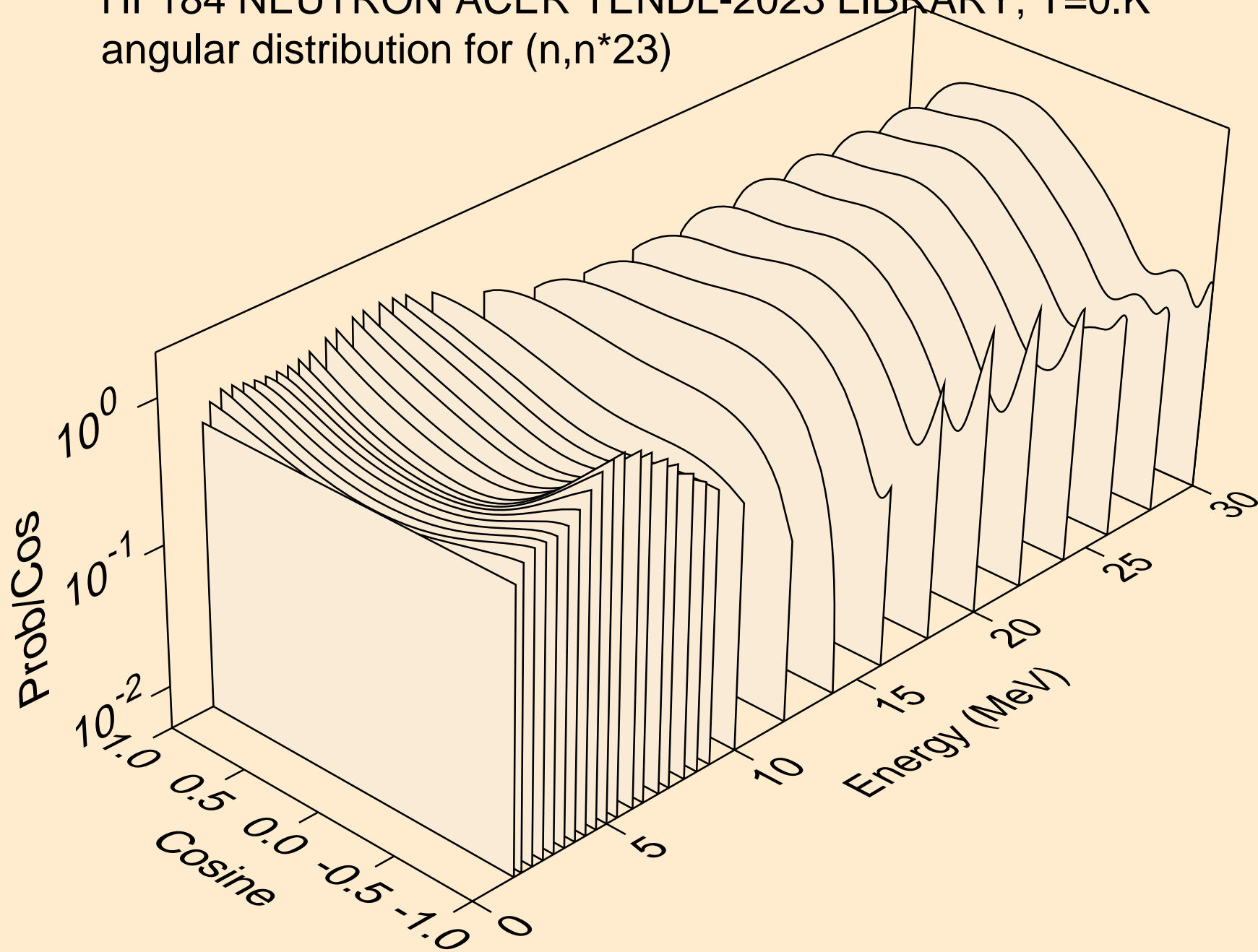
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angular distribution for (n,n\*21)



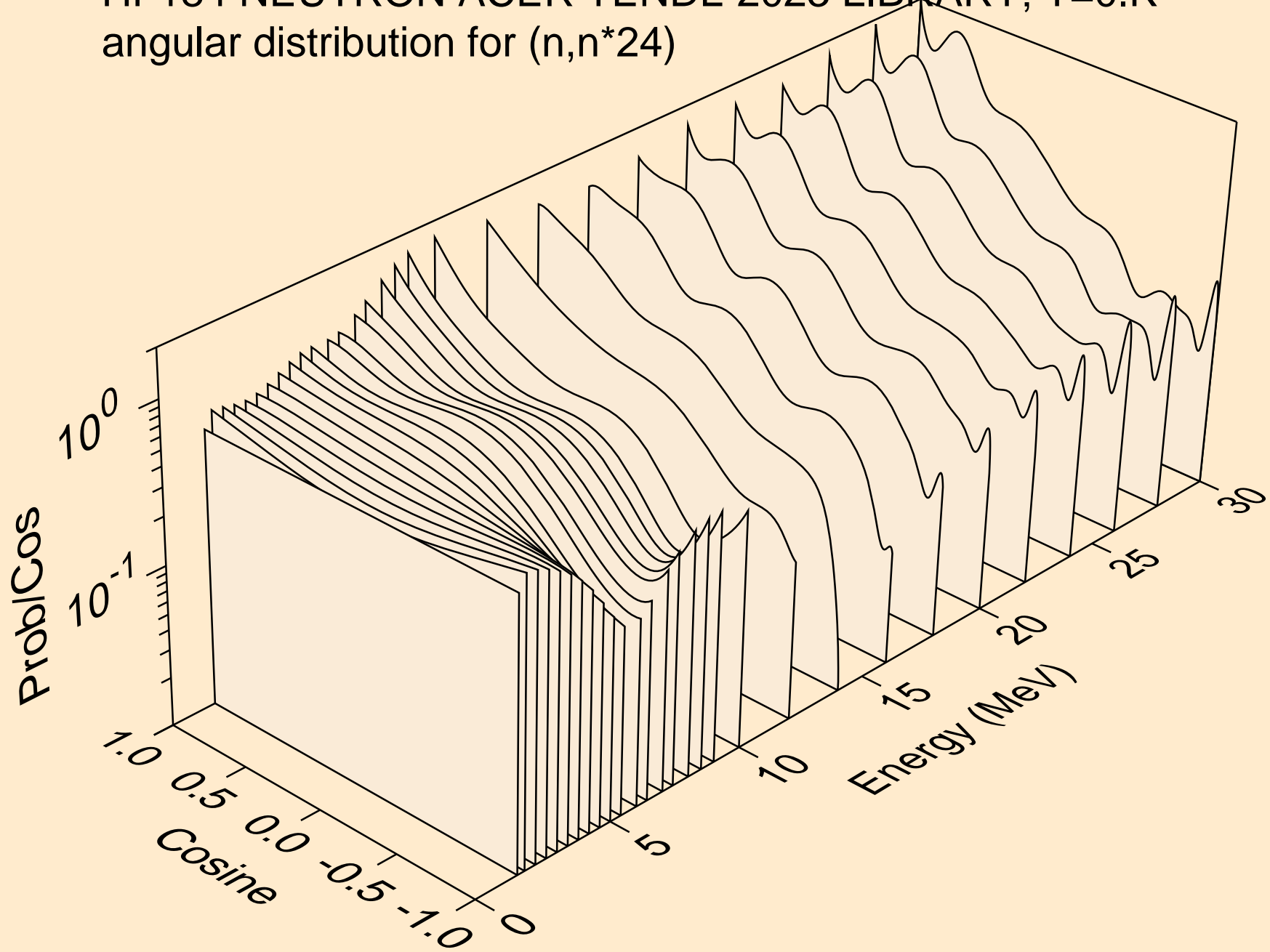
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angular distribution for (n,n\*22)



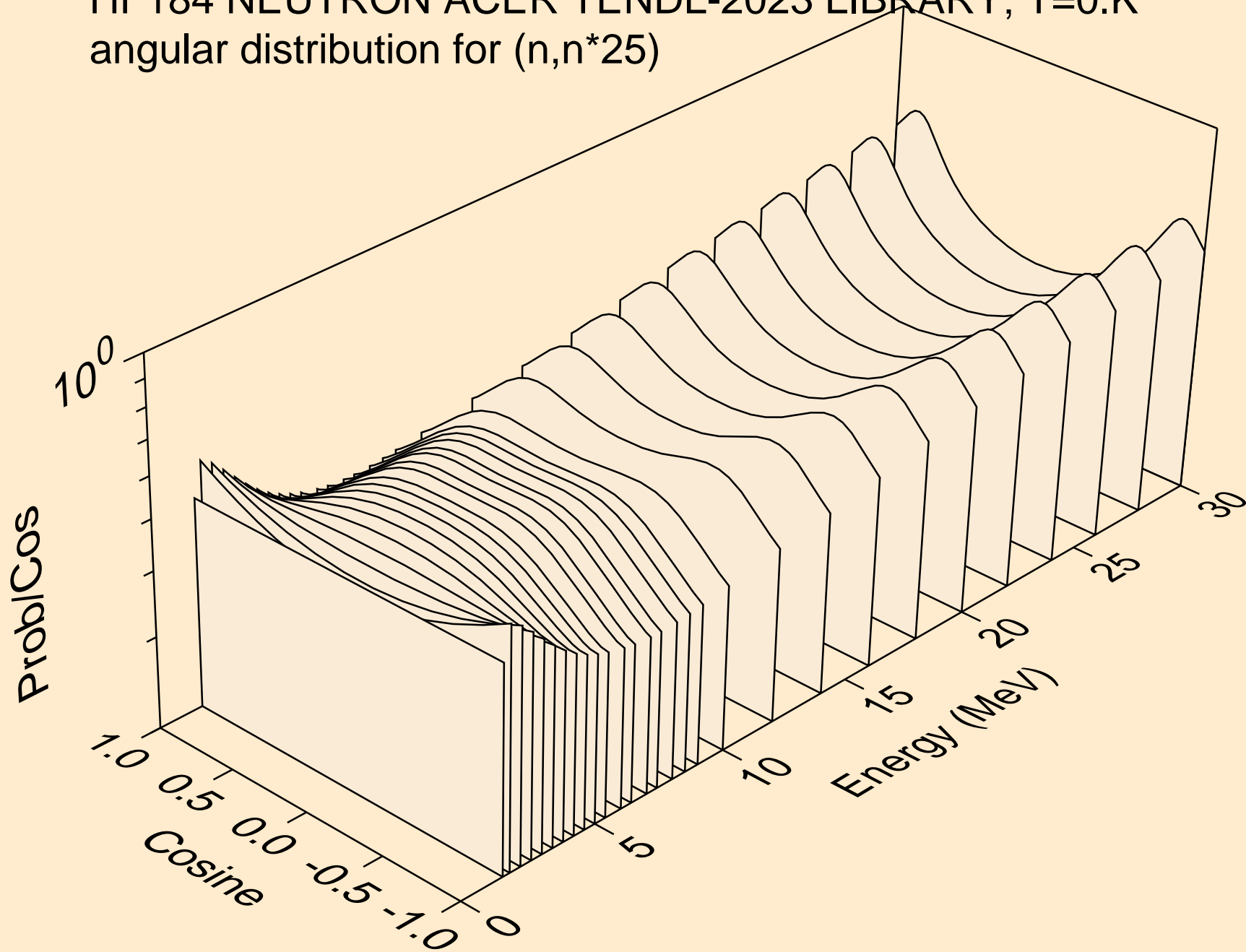
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angular distribution for (n,n\*23)



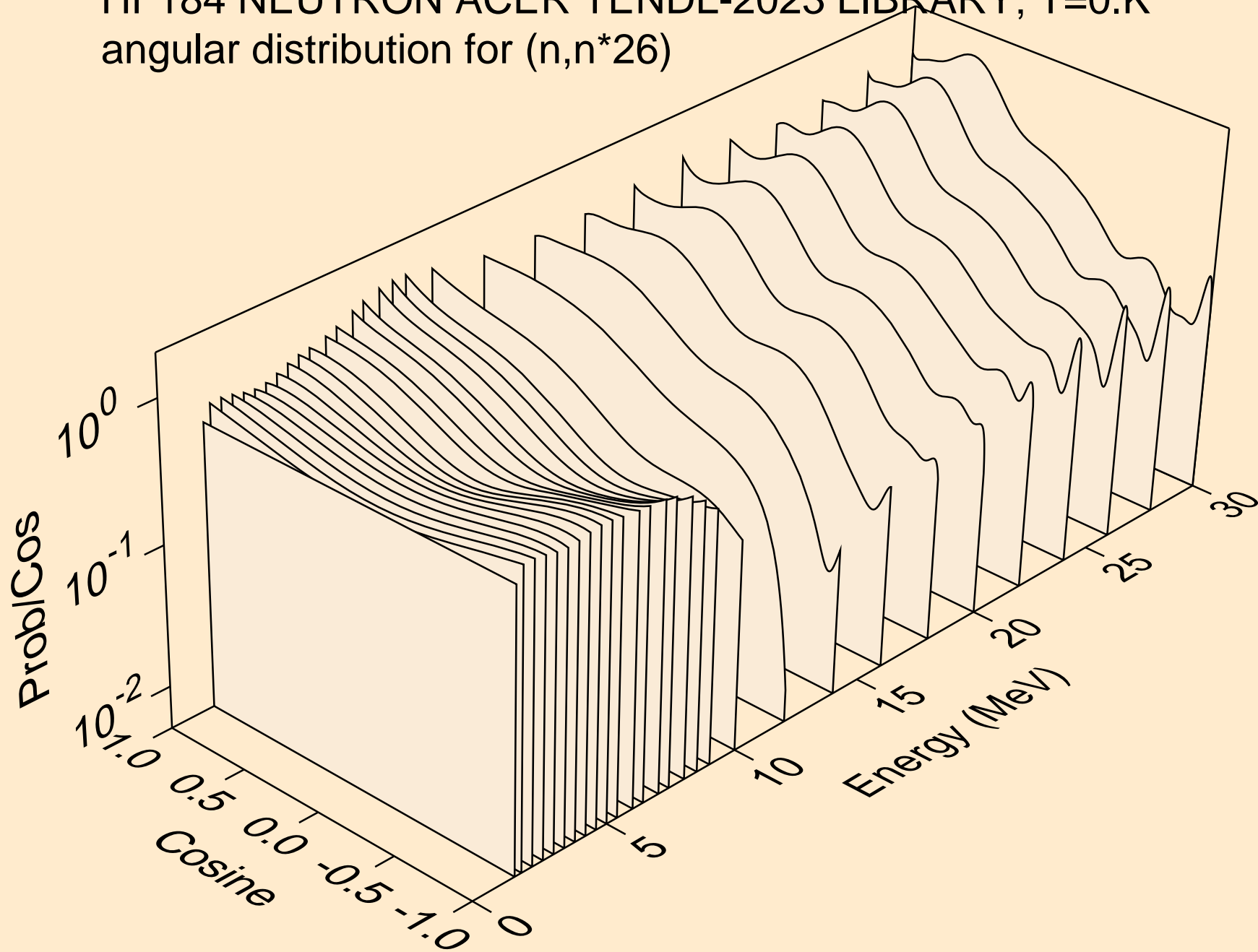
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angular distribution for (n,n\*24)



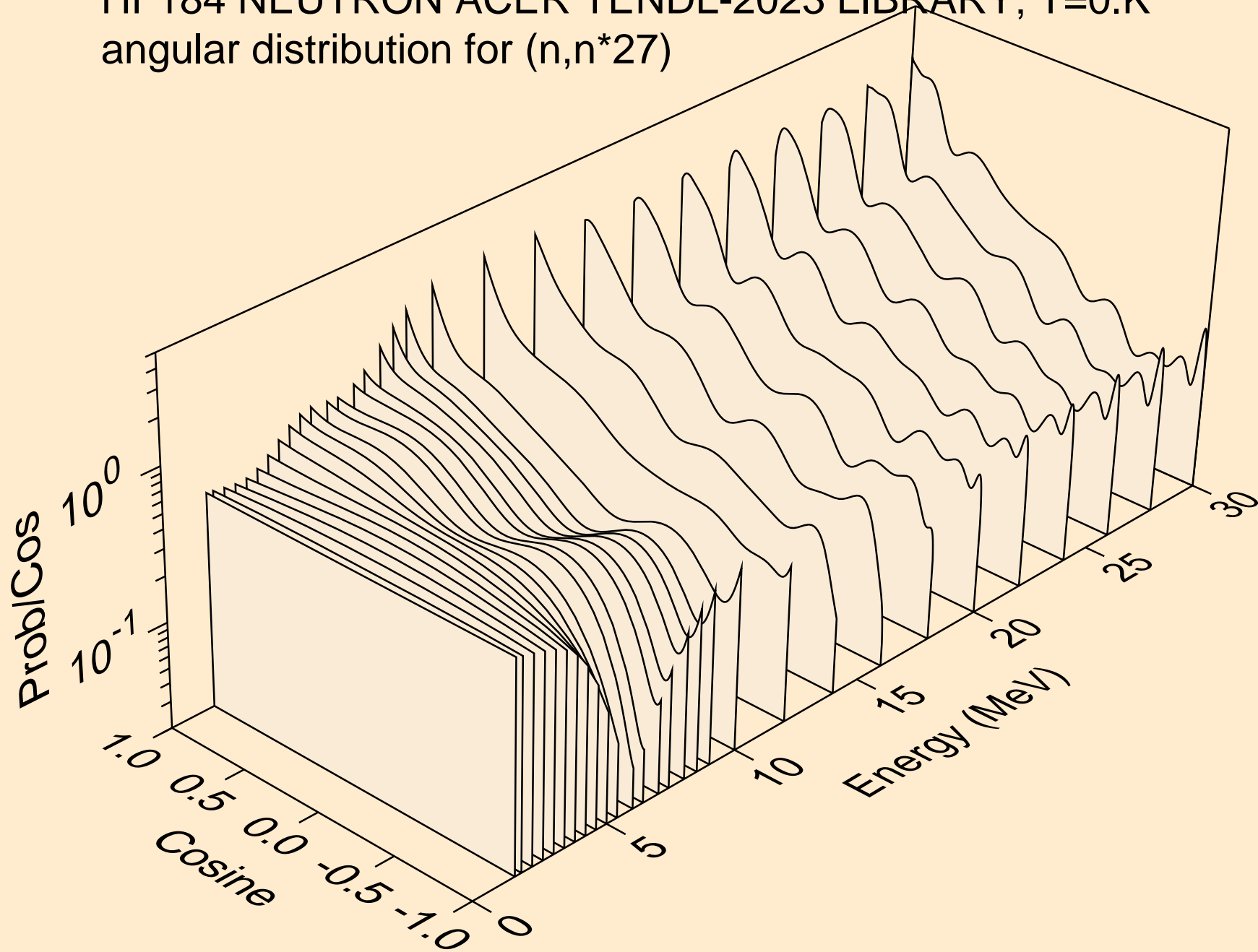
HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*26)

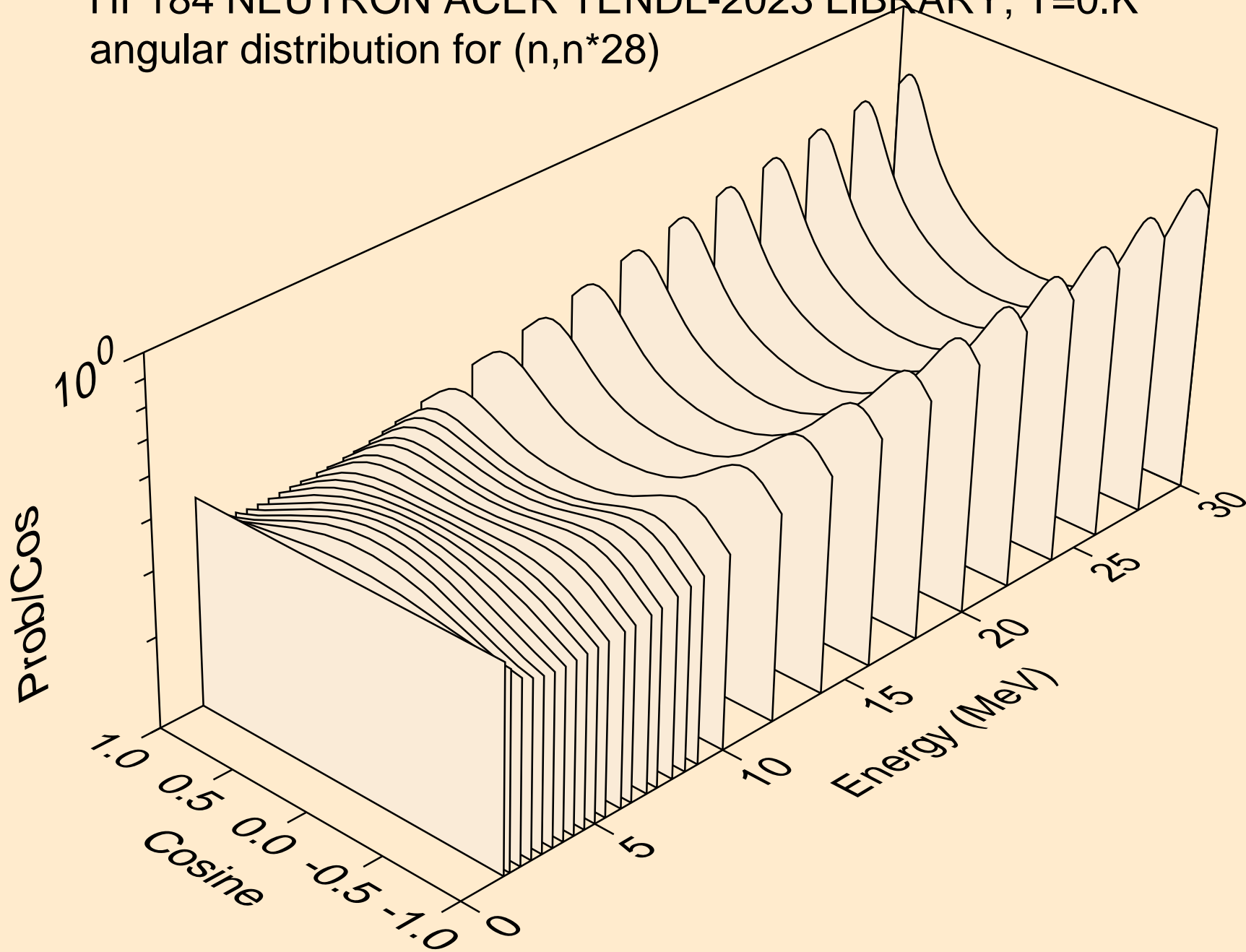


HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*27)

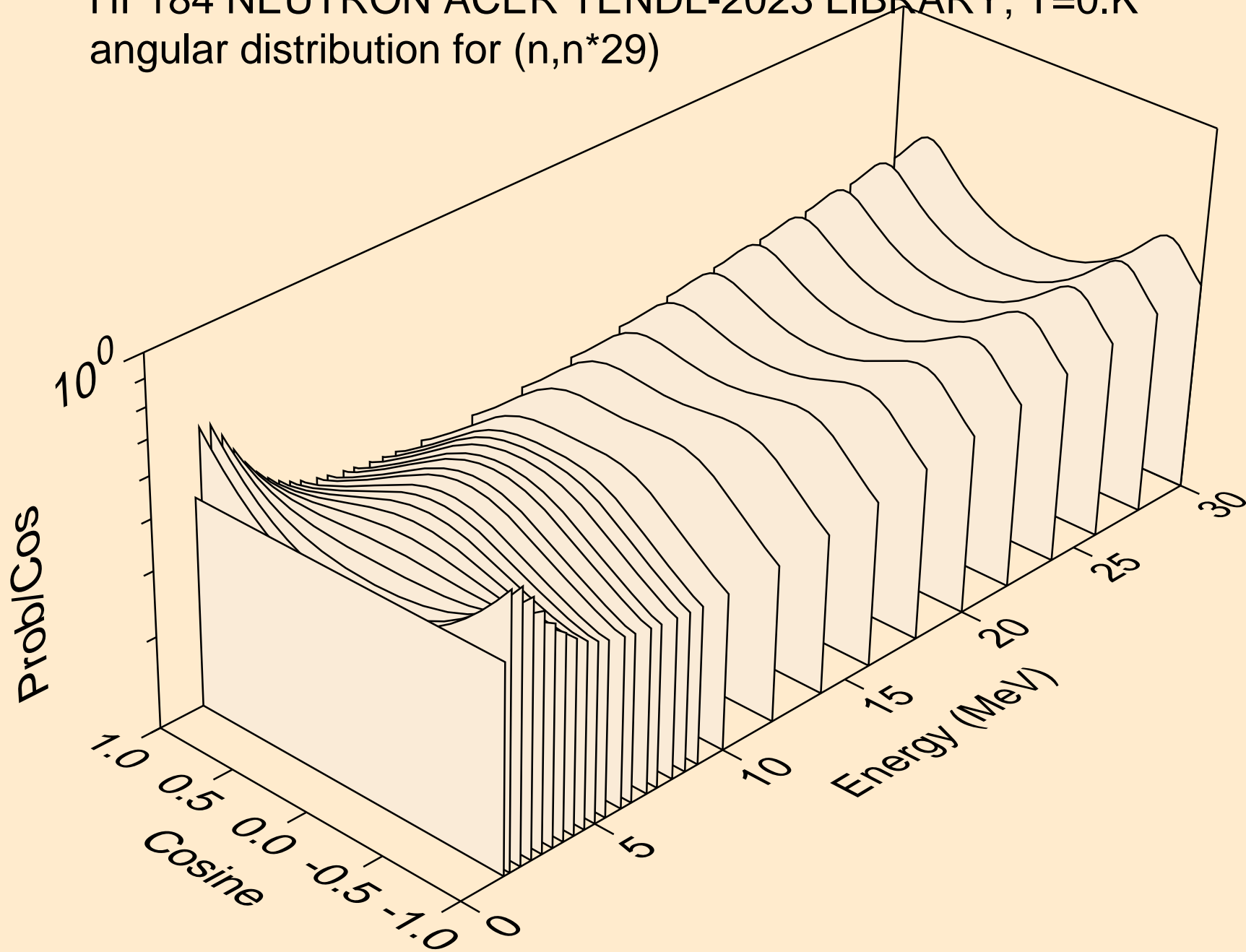




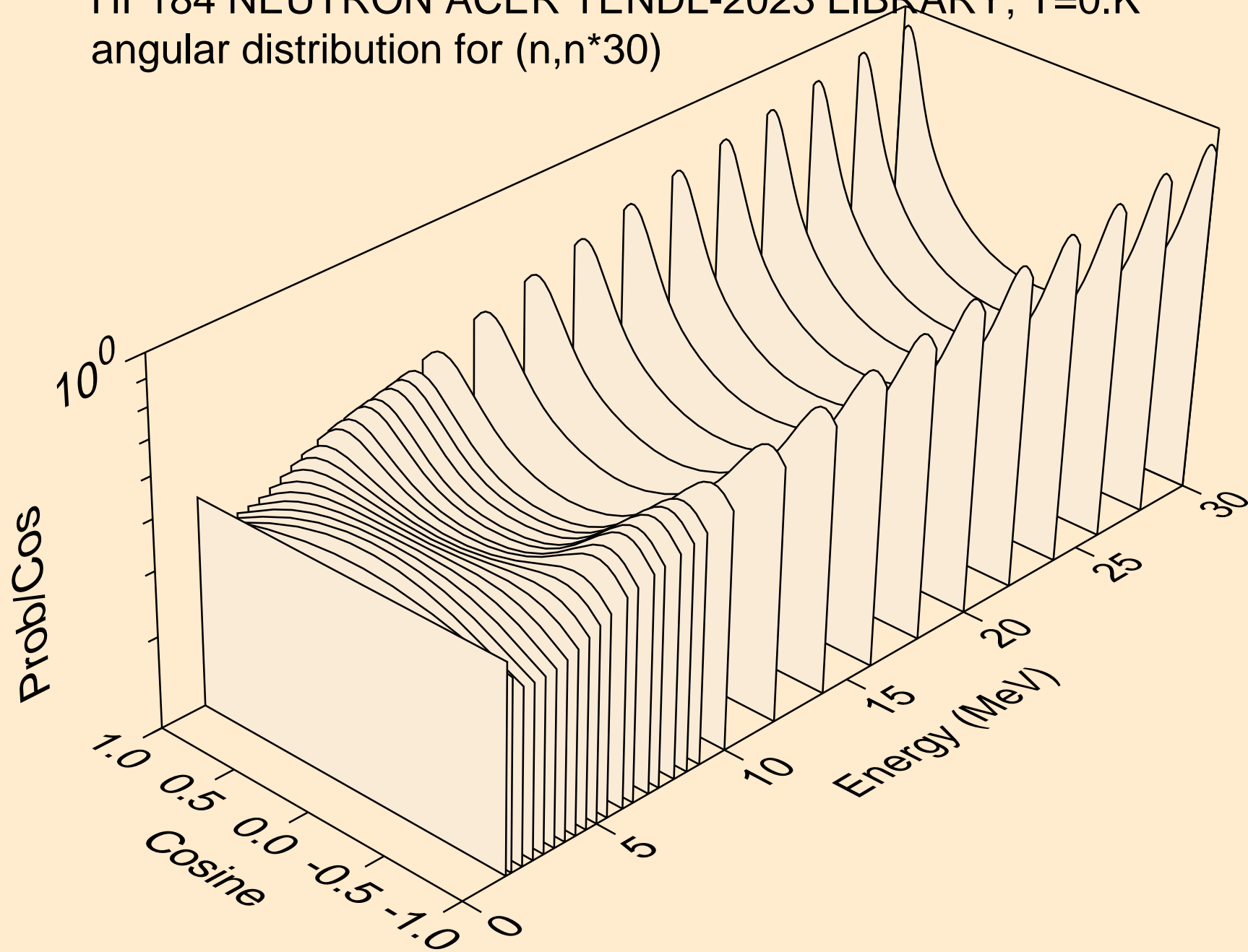
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angular distribution for (n,n\*28)



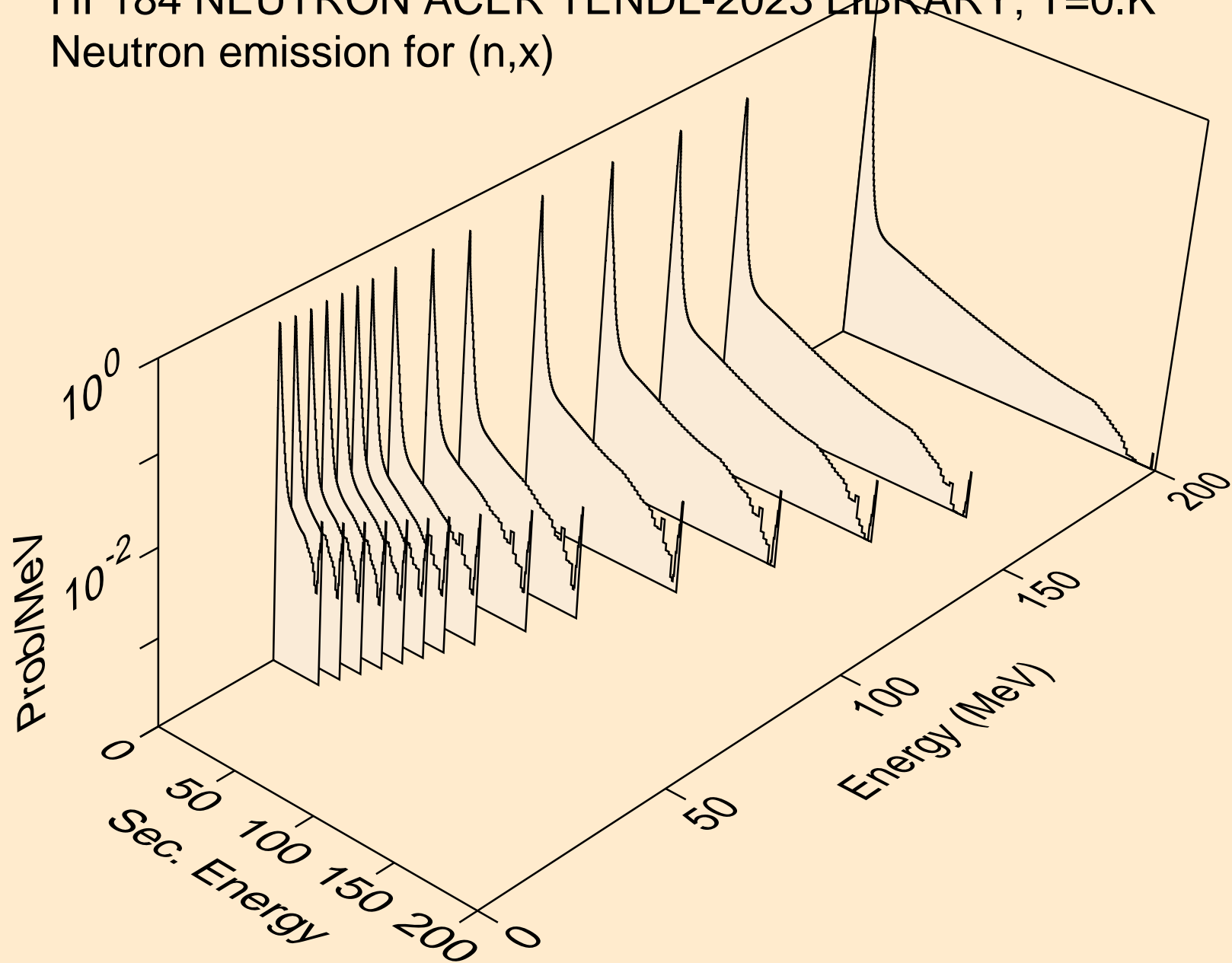
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angular distribution for (n,n\*29)



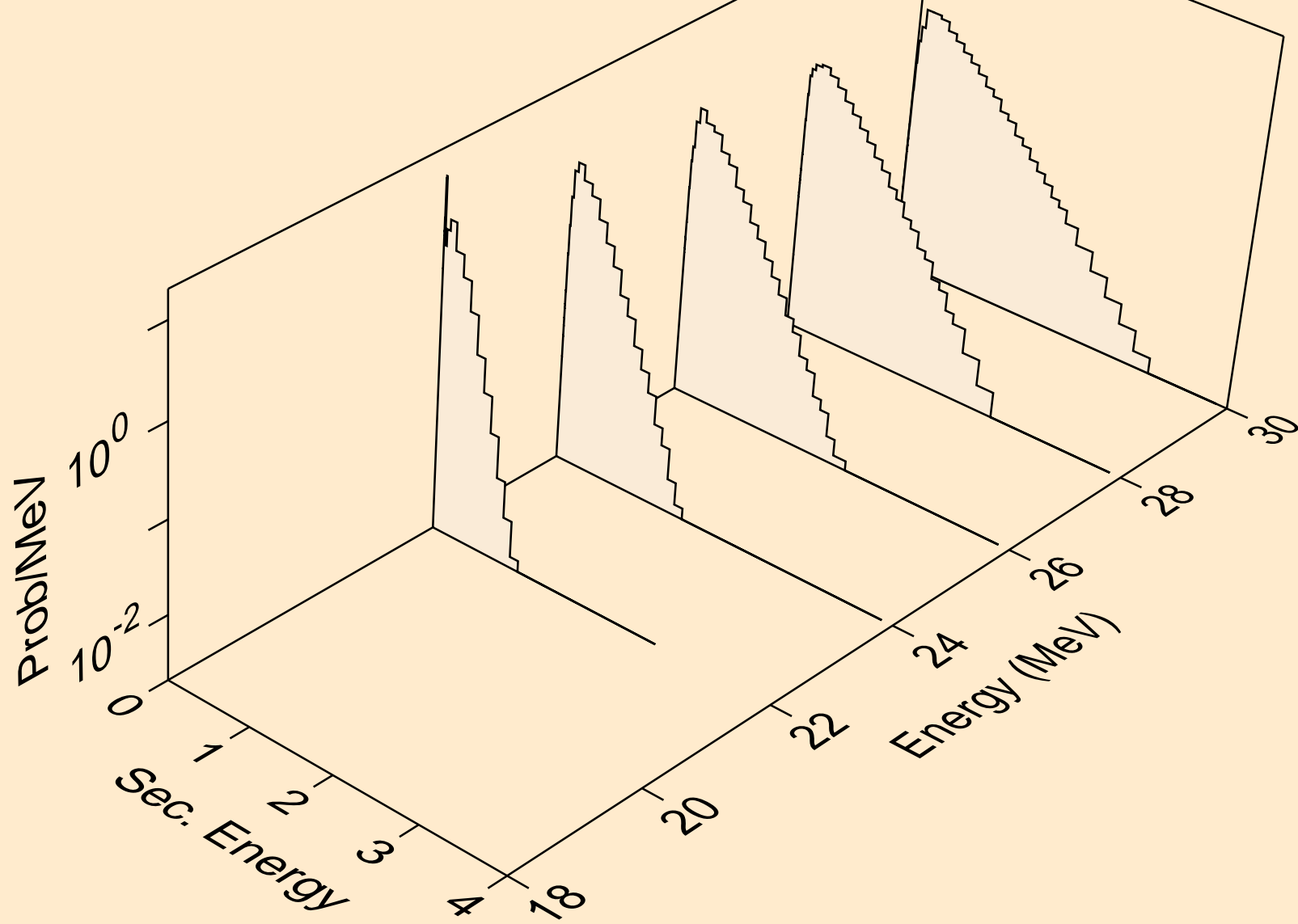
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angular distribution for (n,n\*30)



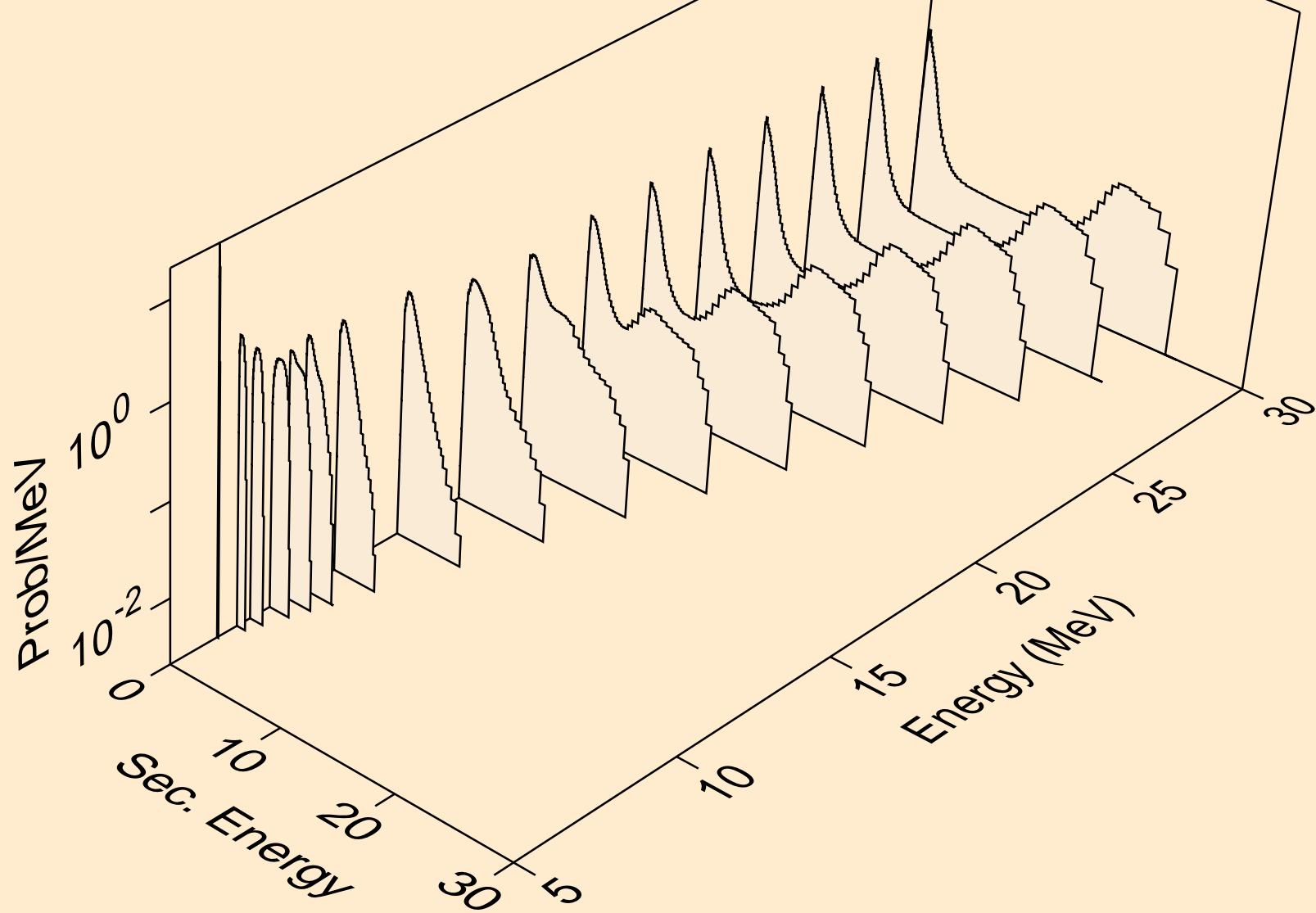
HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



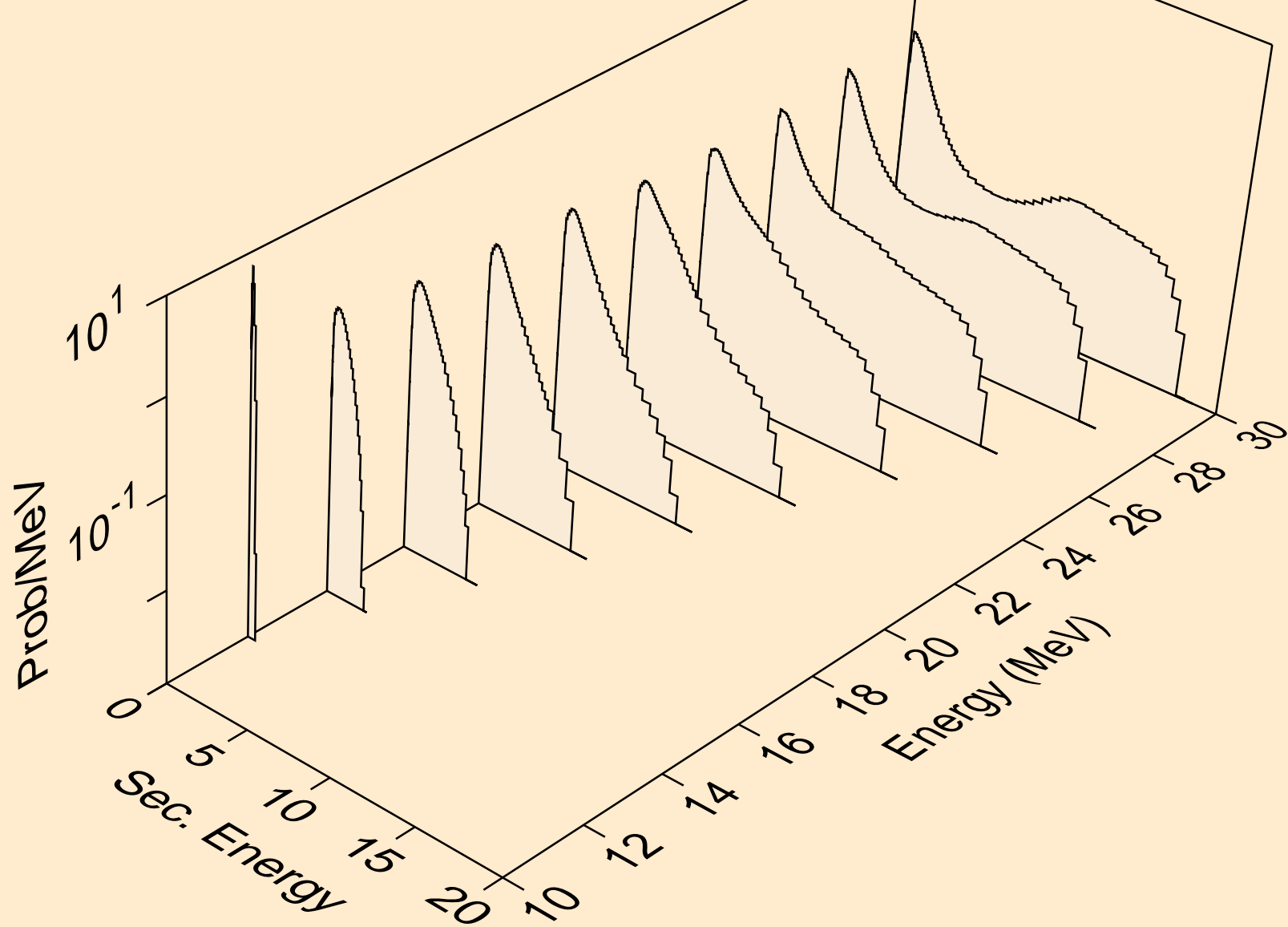
HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



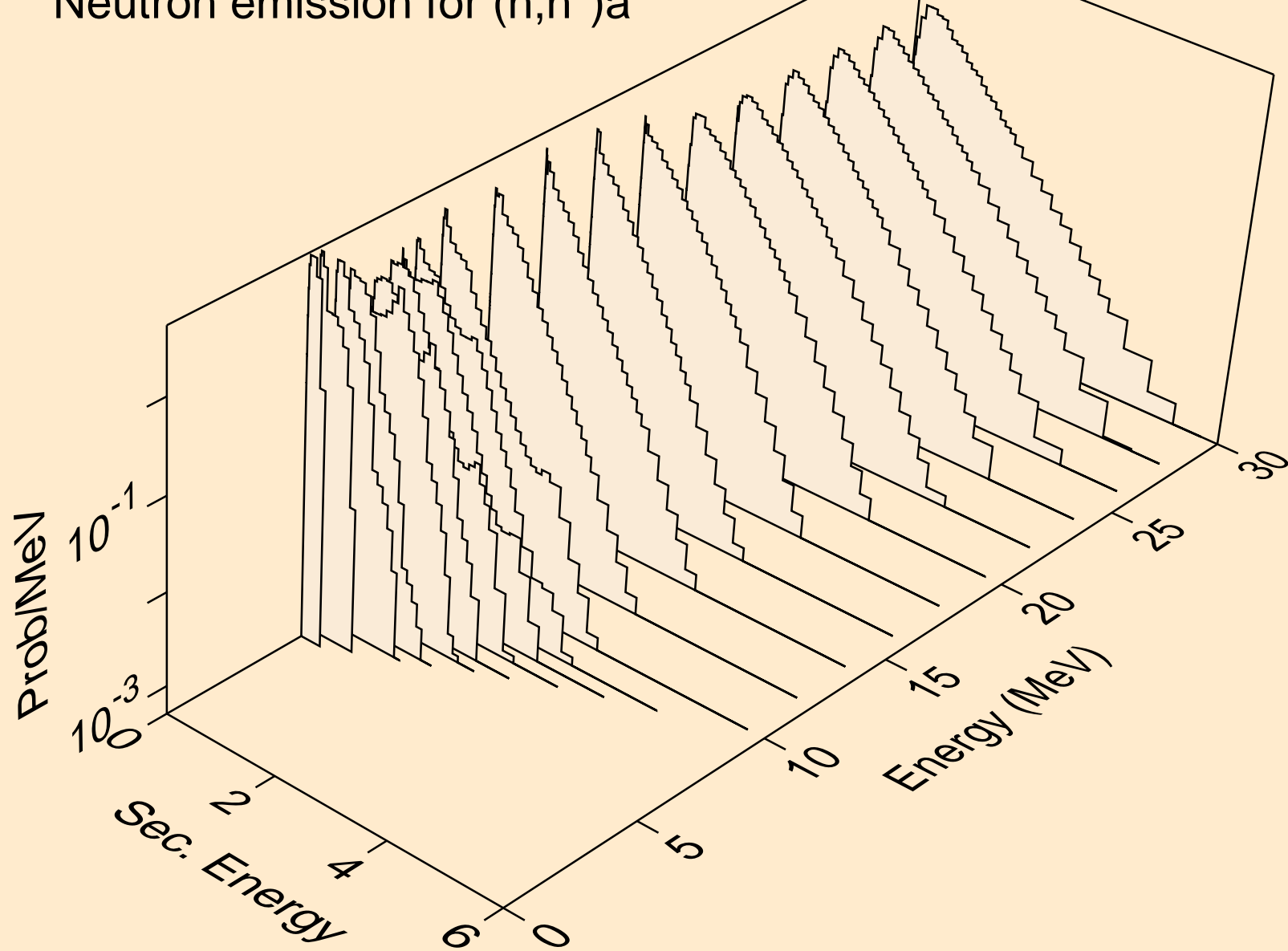
HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)



HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)

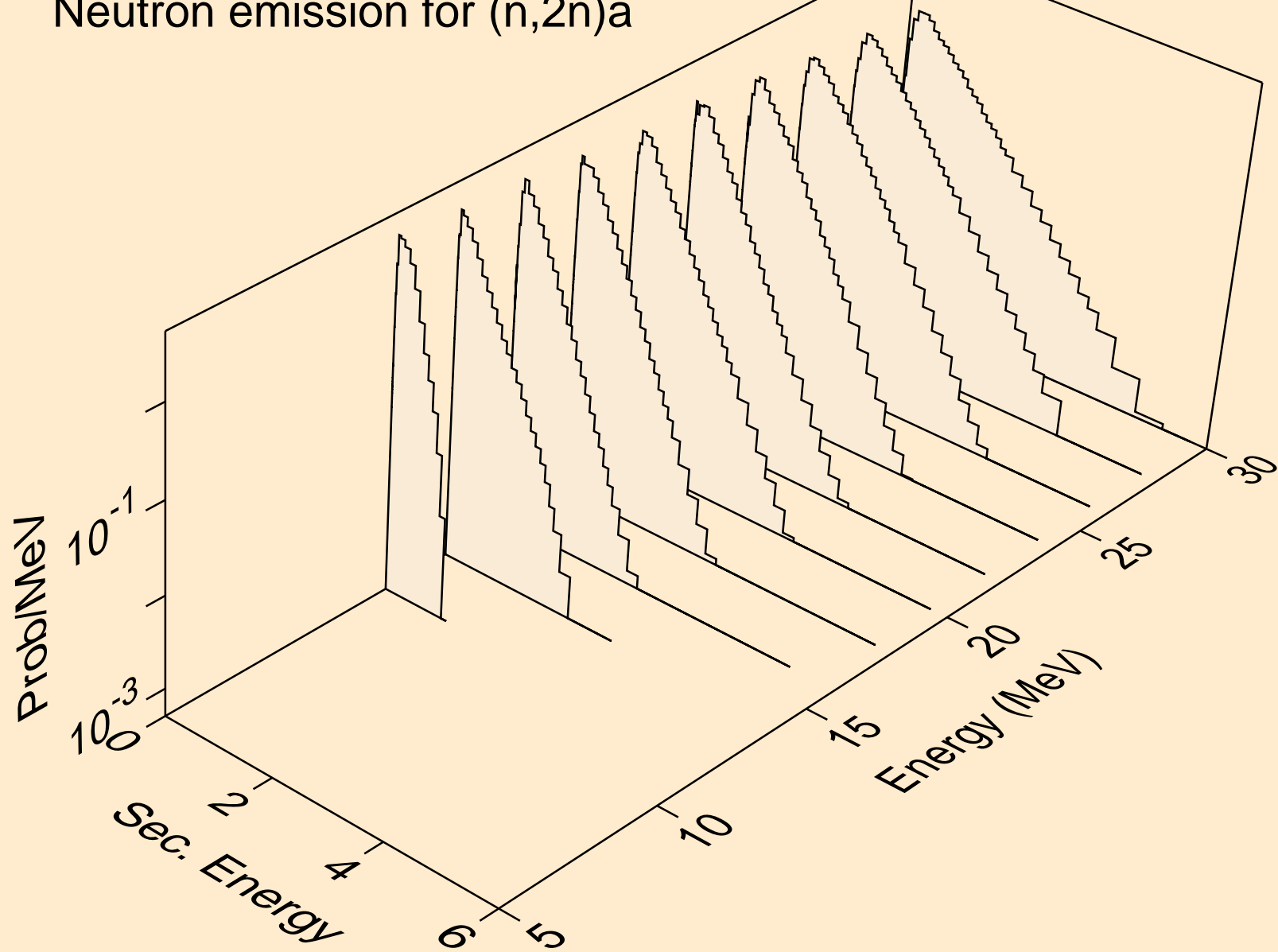


HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a

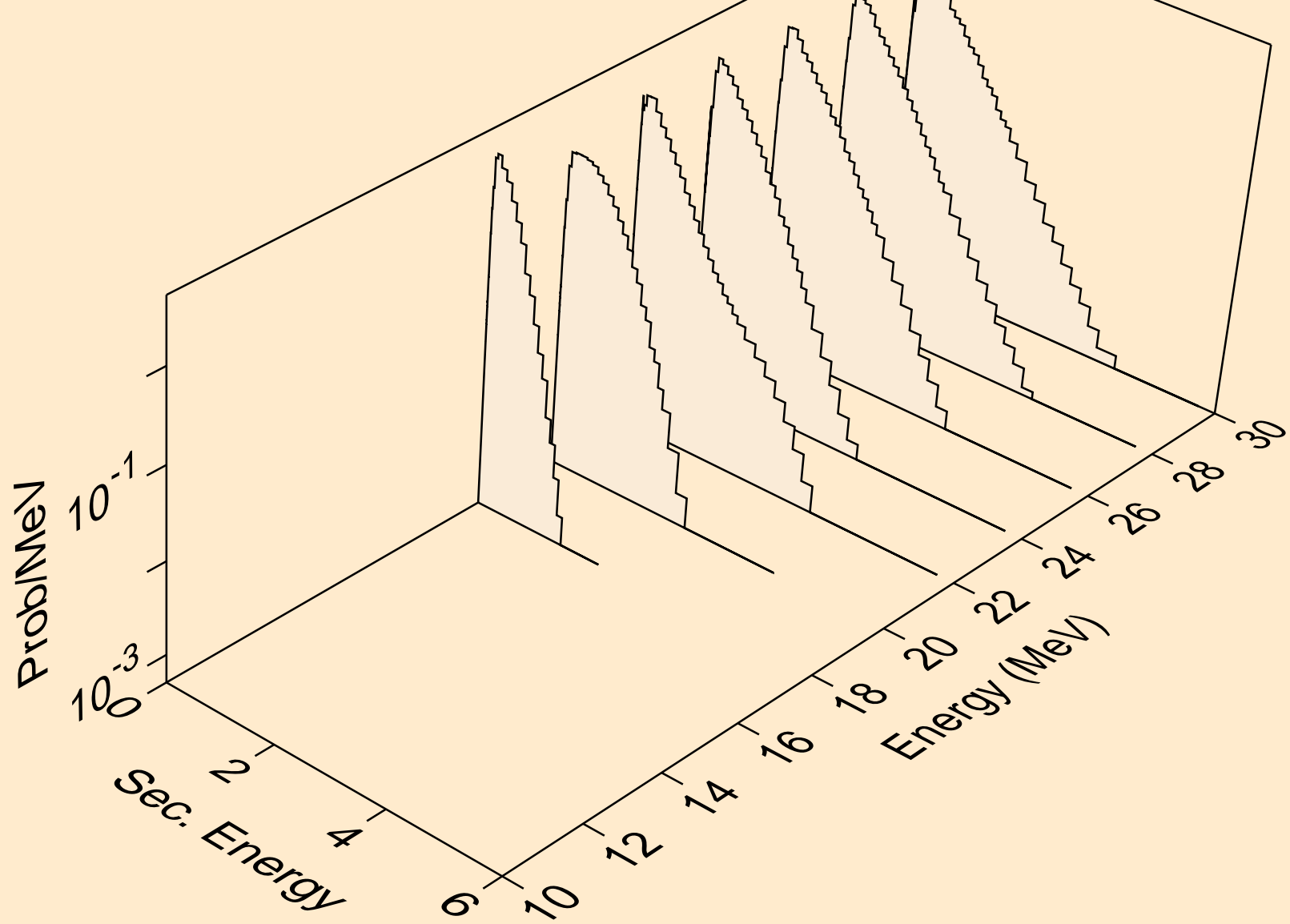




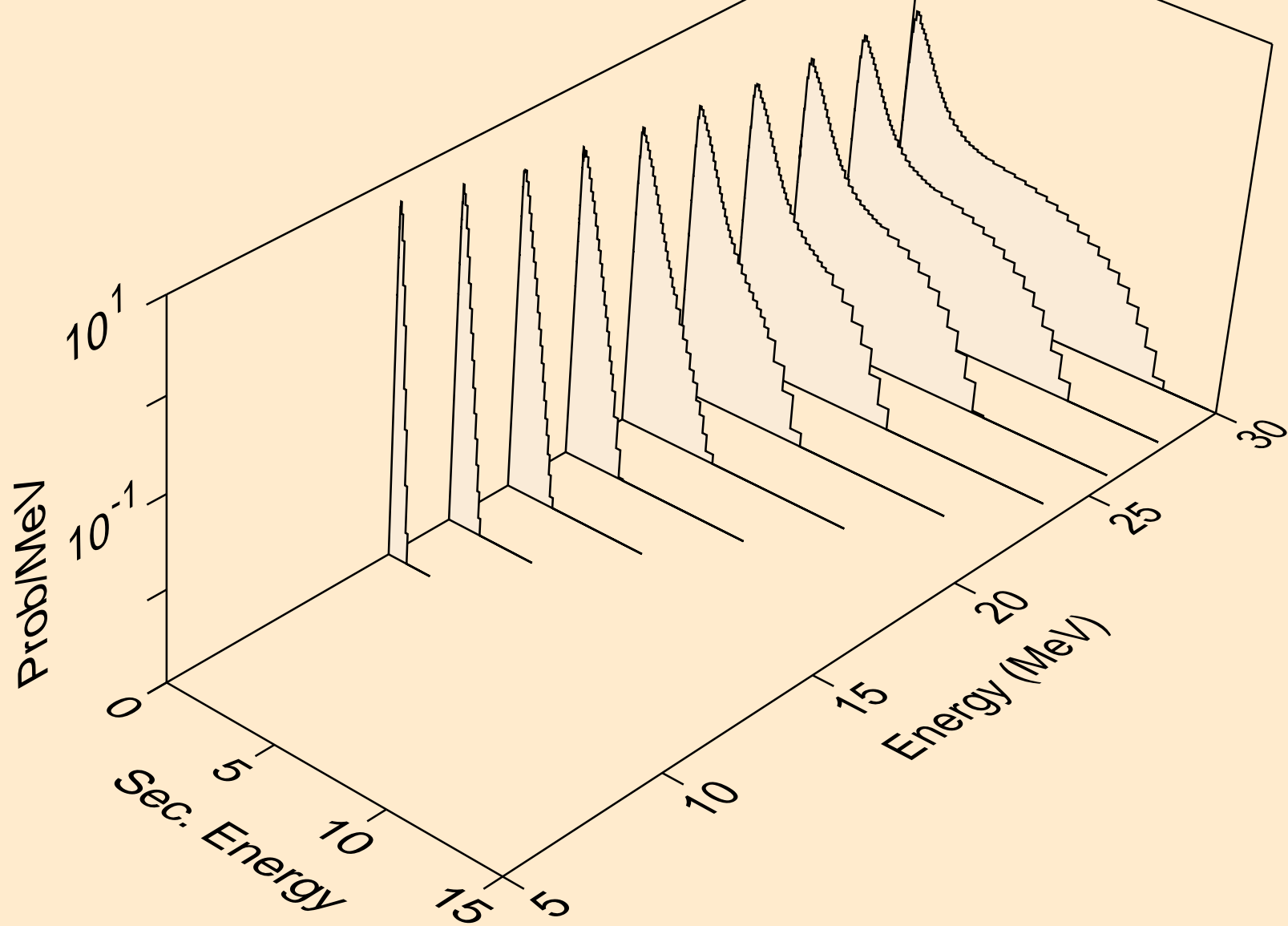
HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



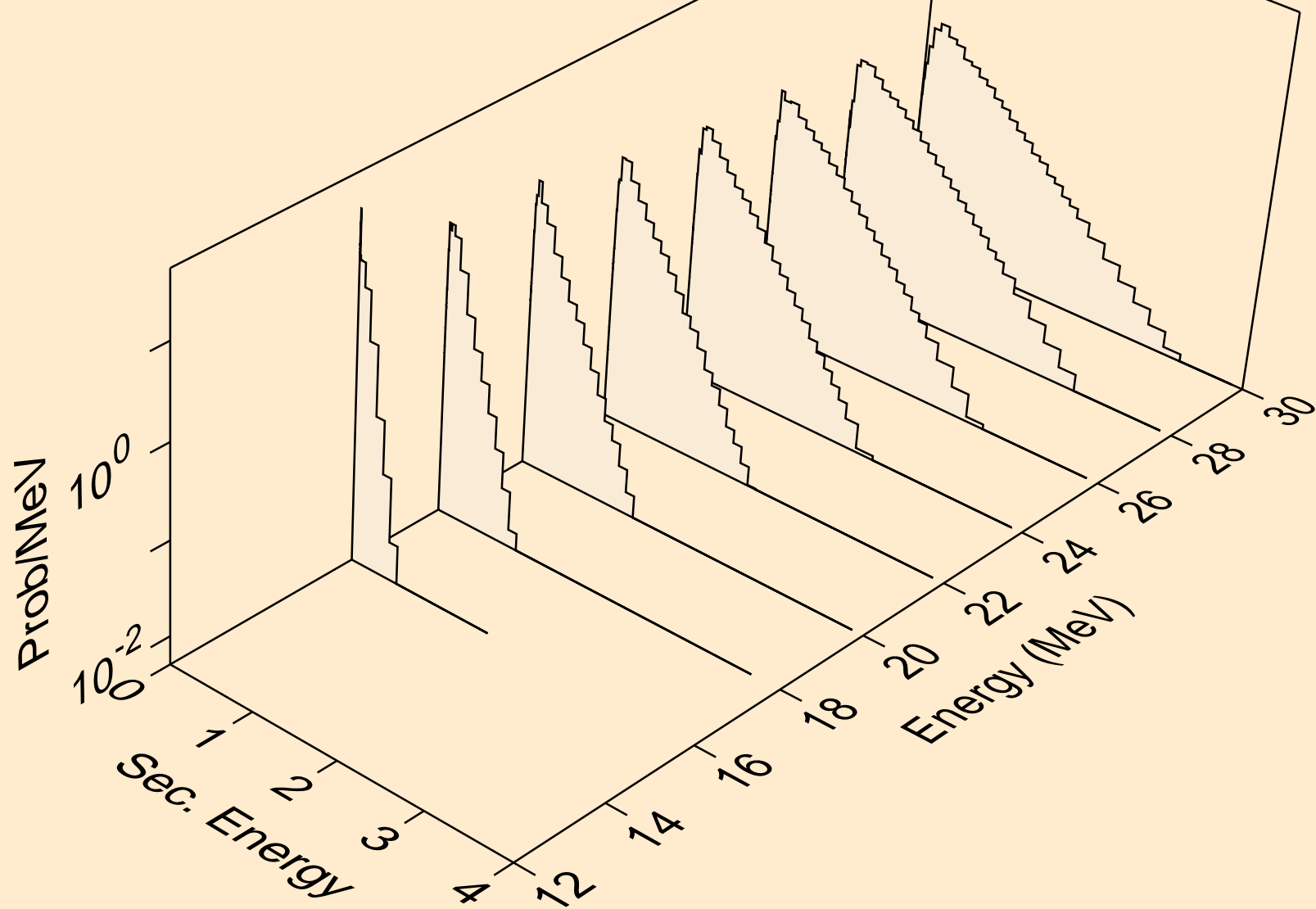
HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



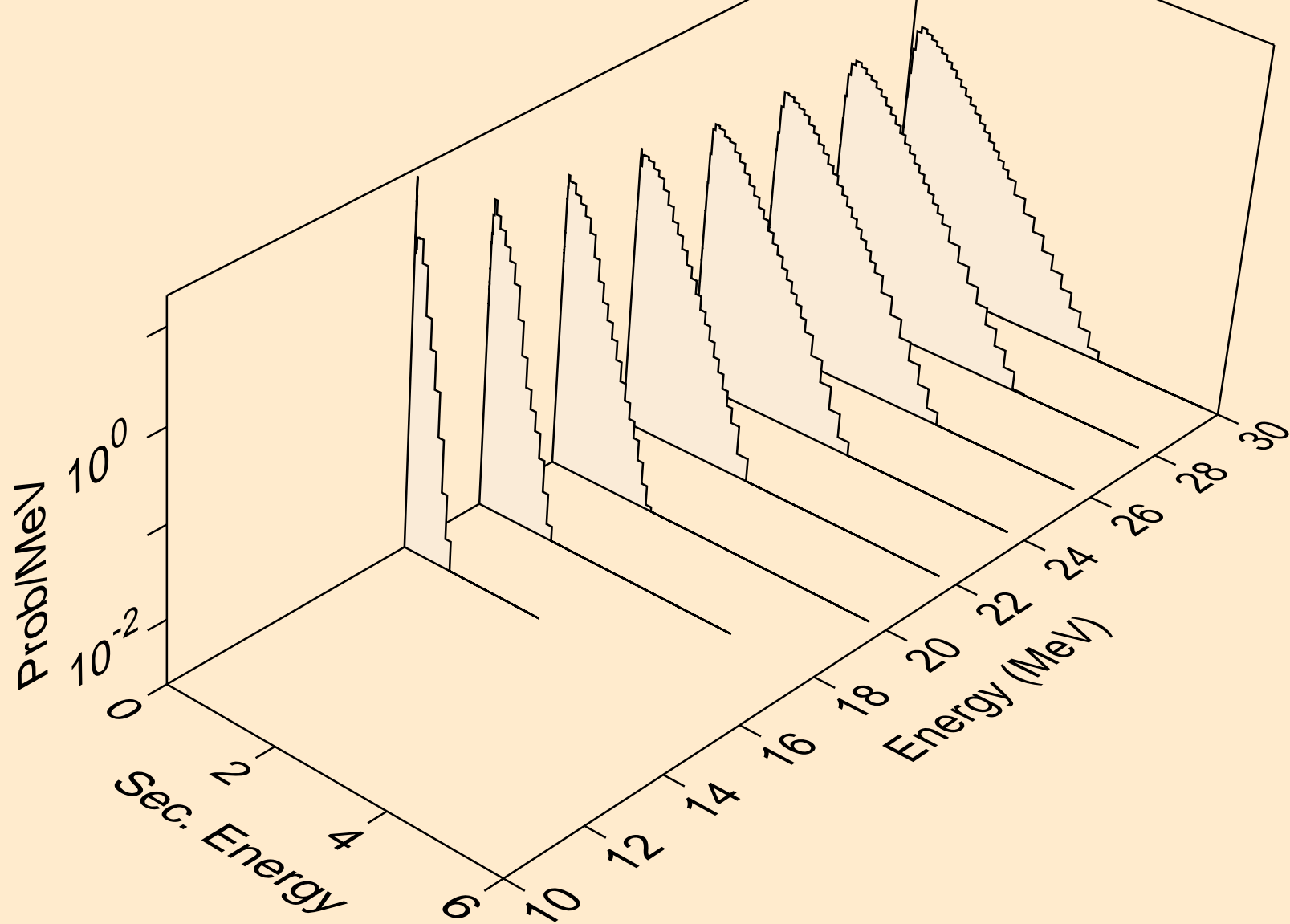
HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



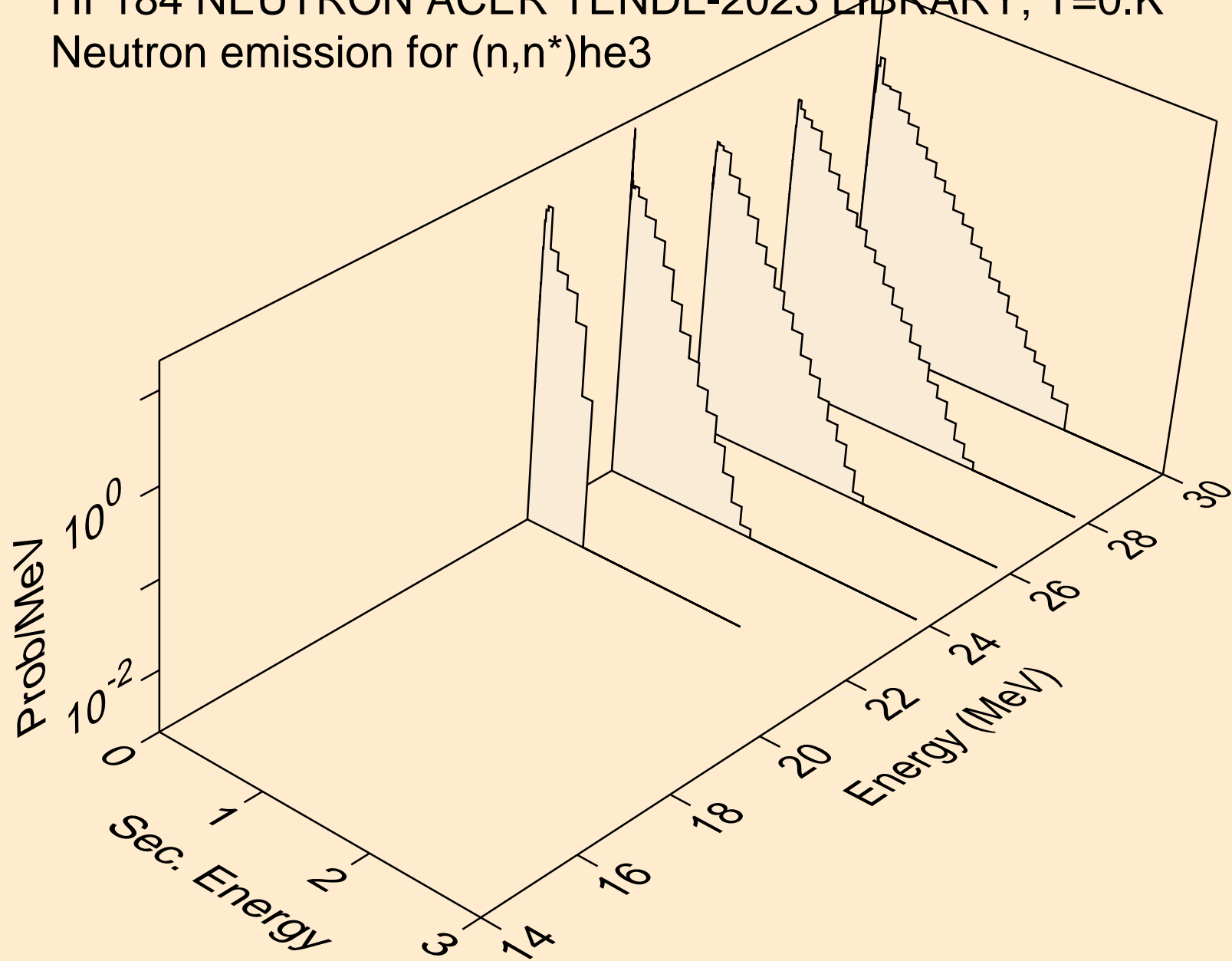
HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



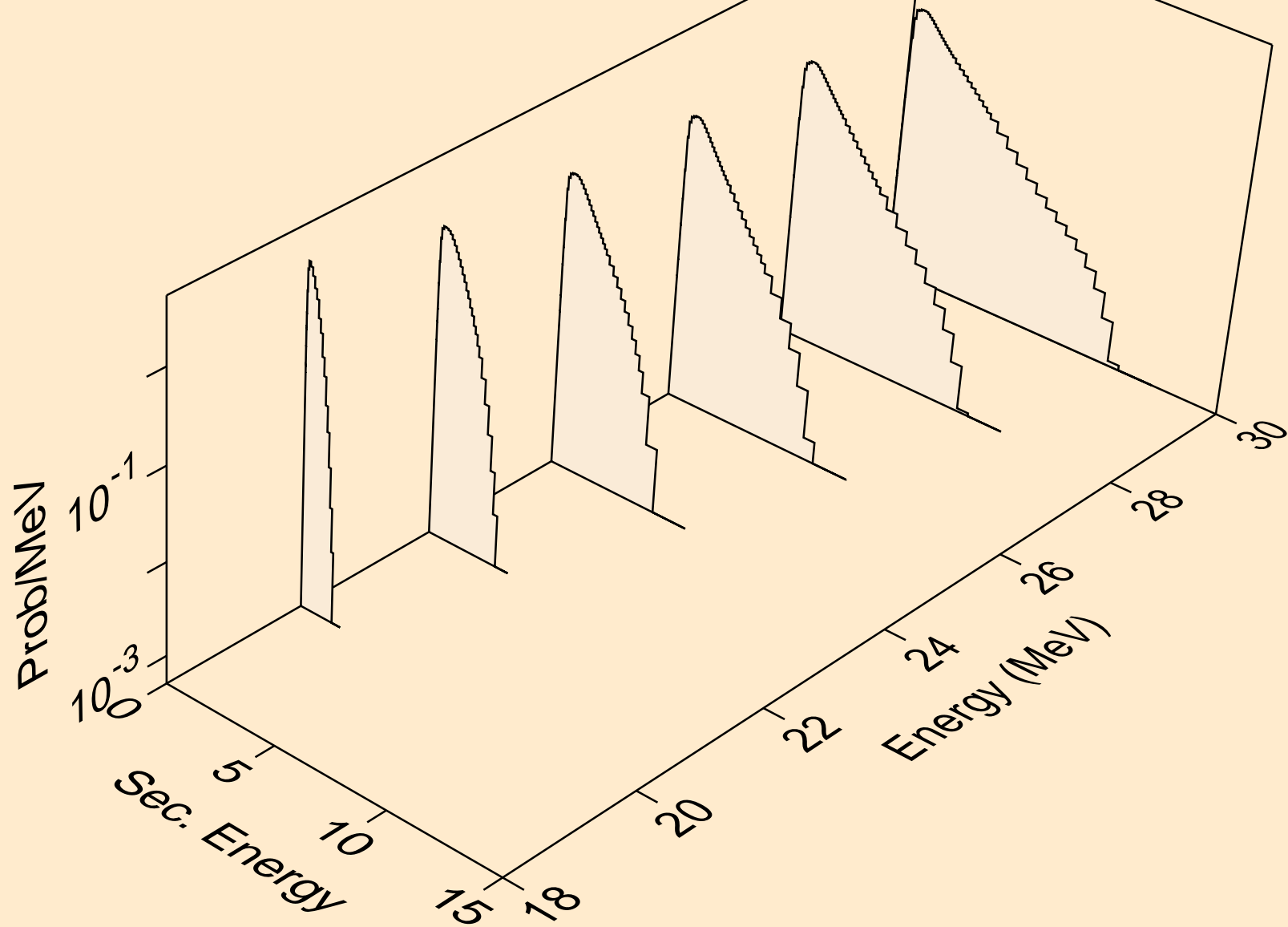
HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



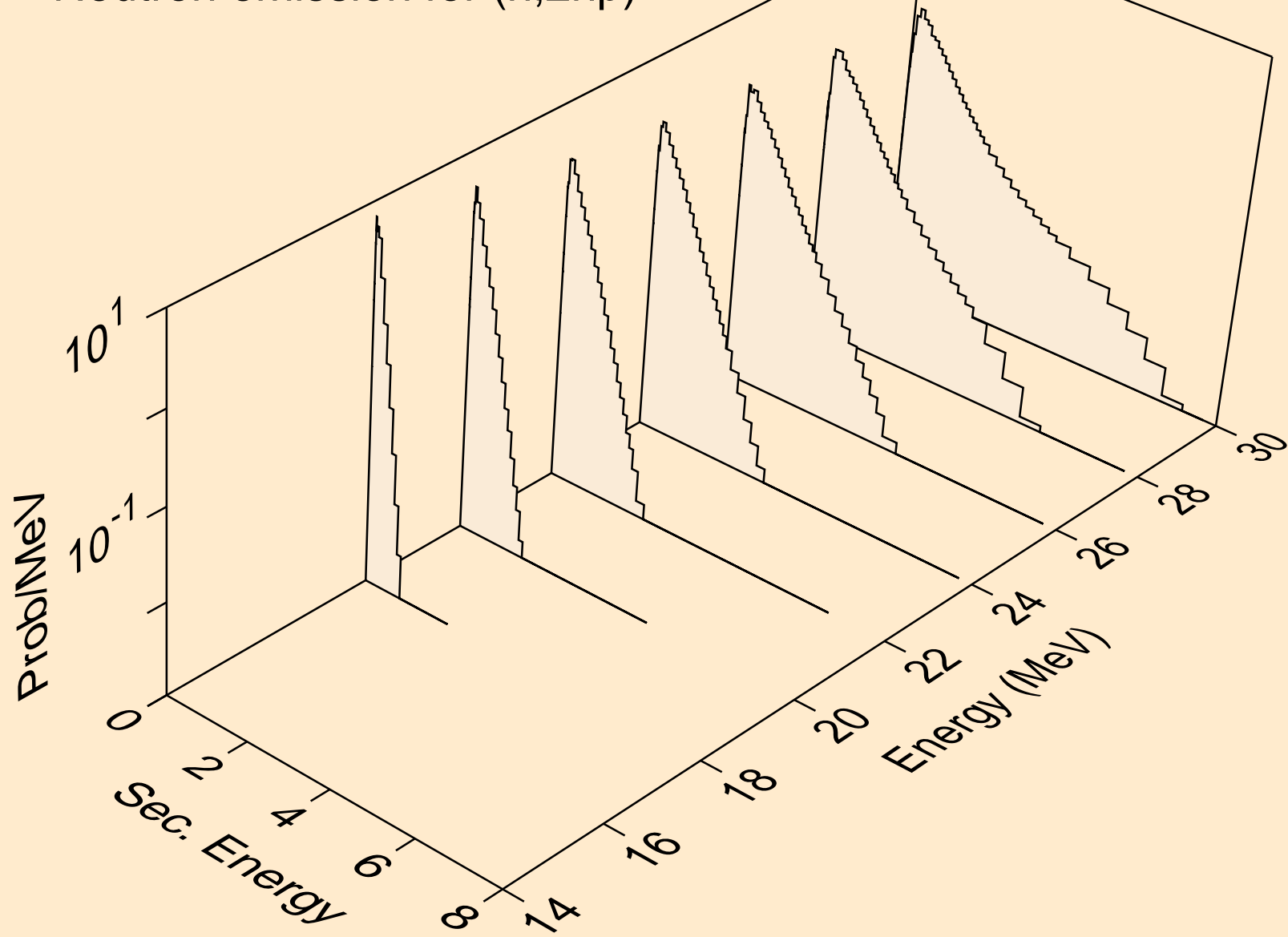
HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)

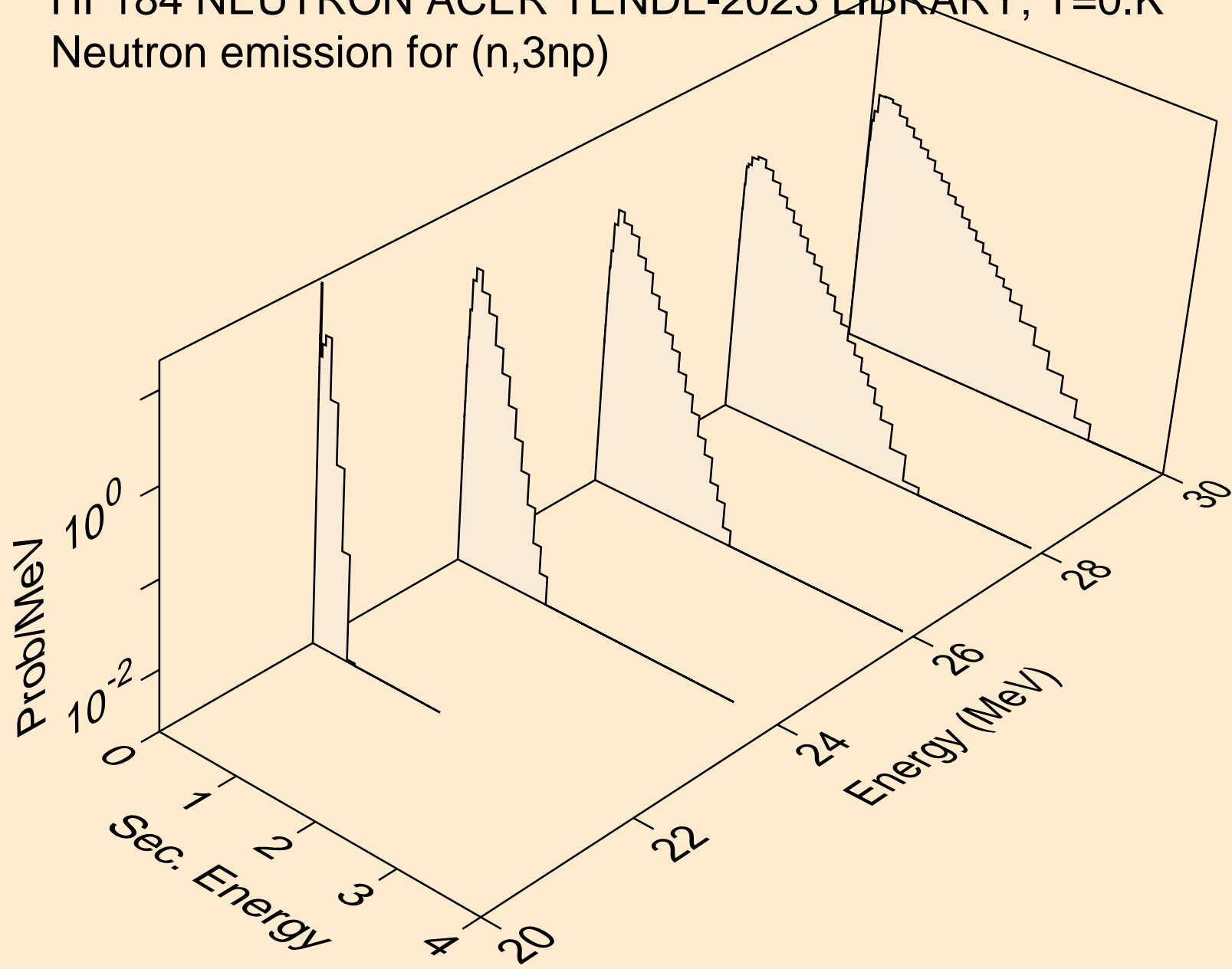


HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)

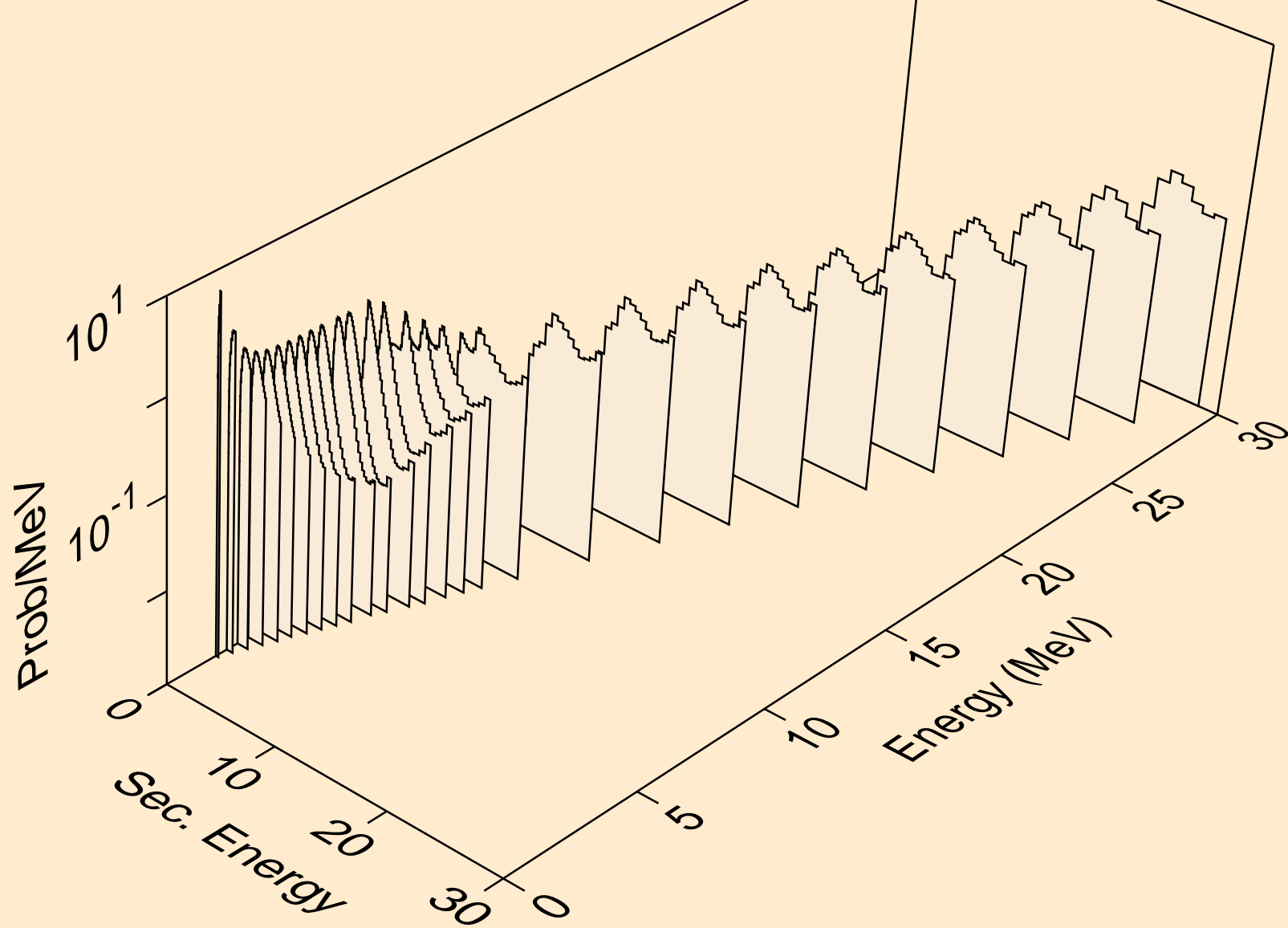




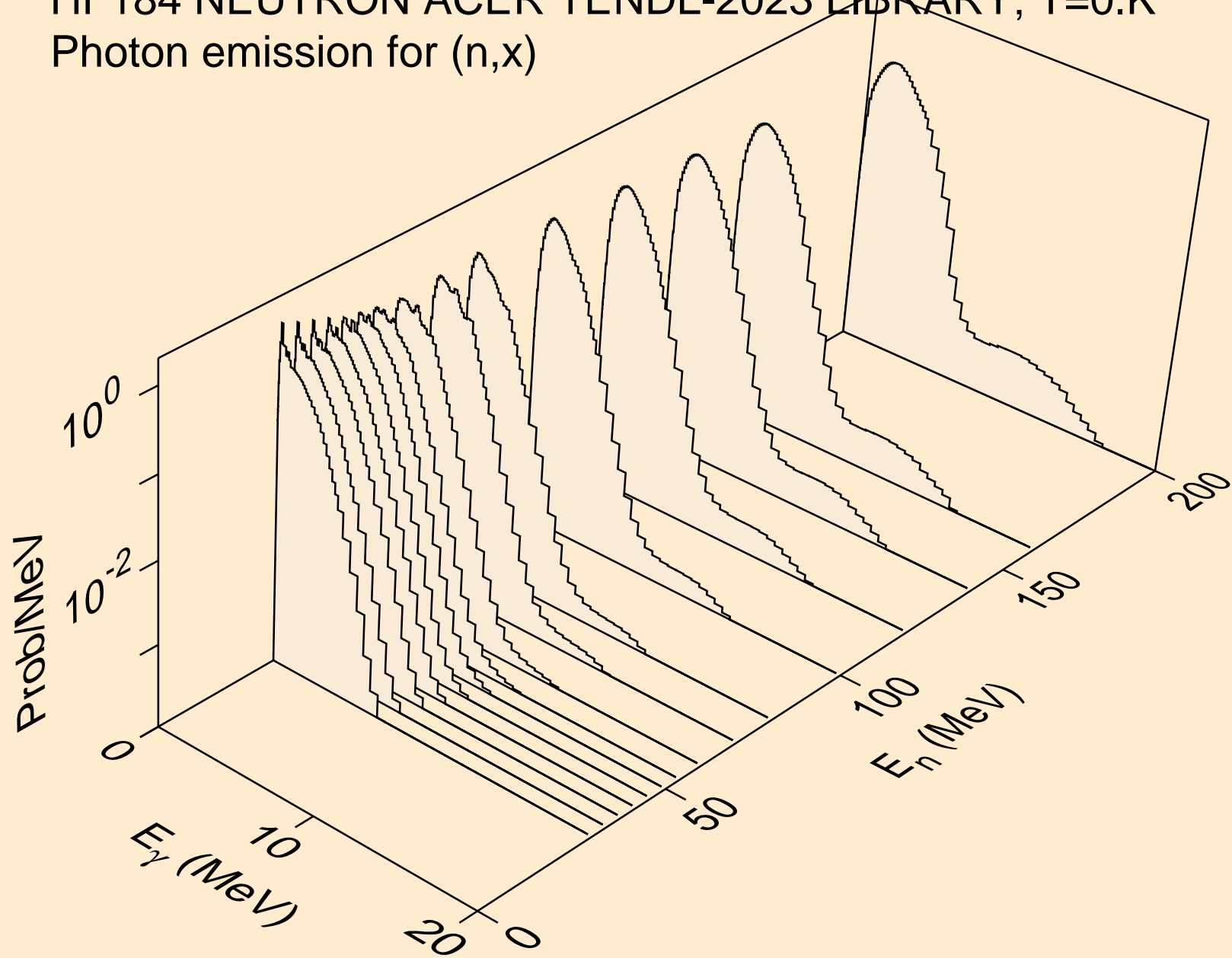
HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3np)



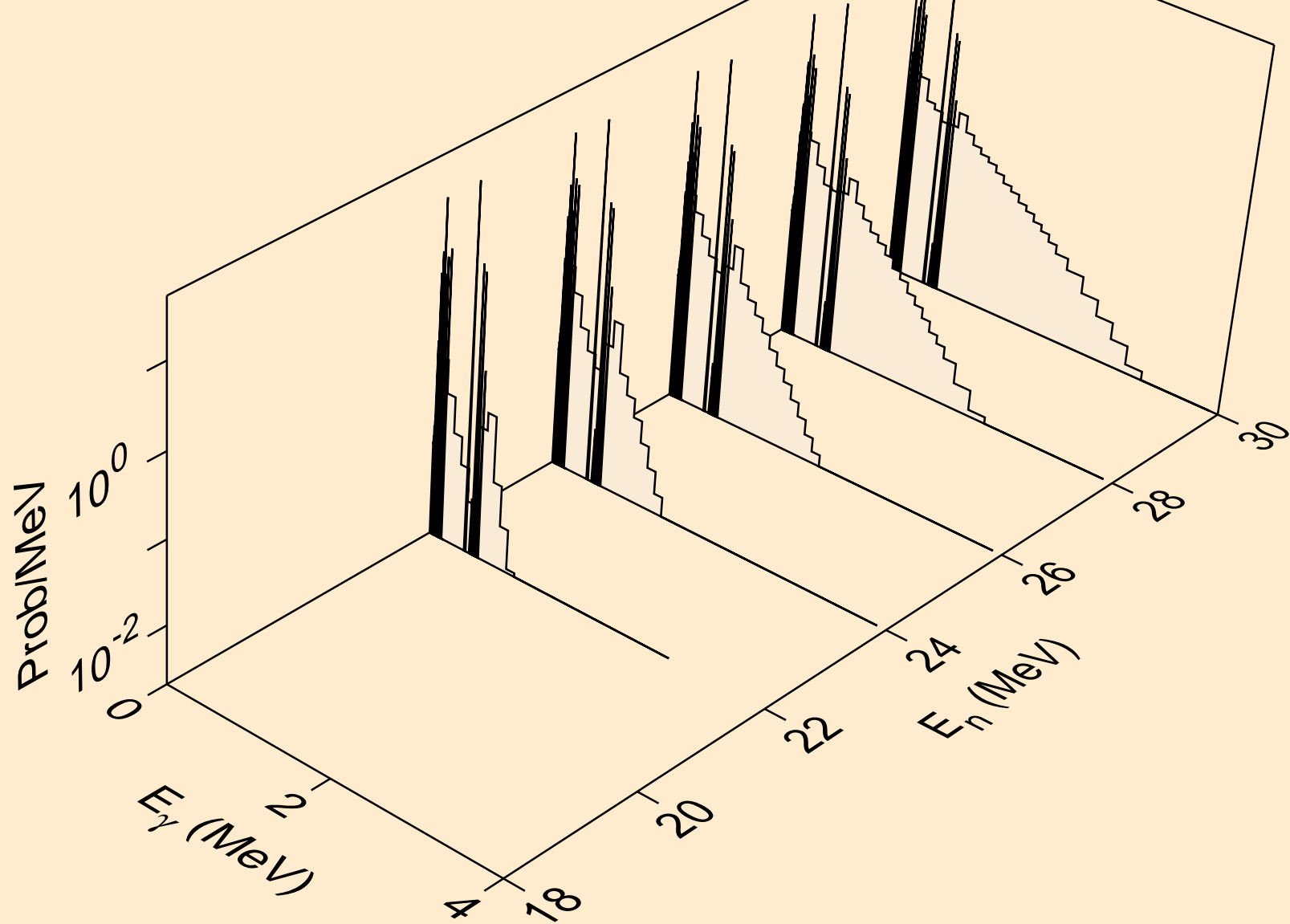
HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



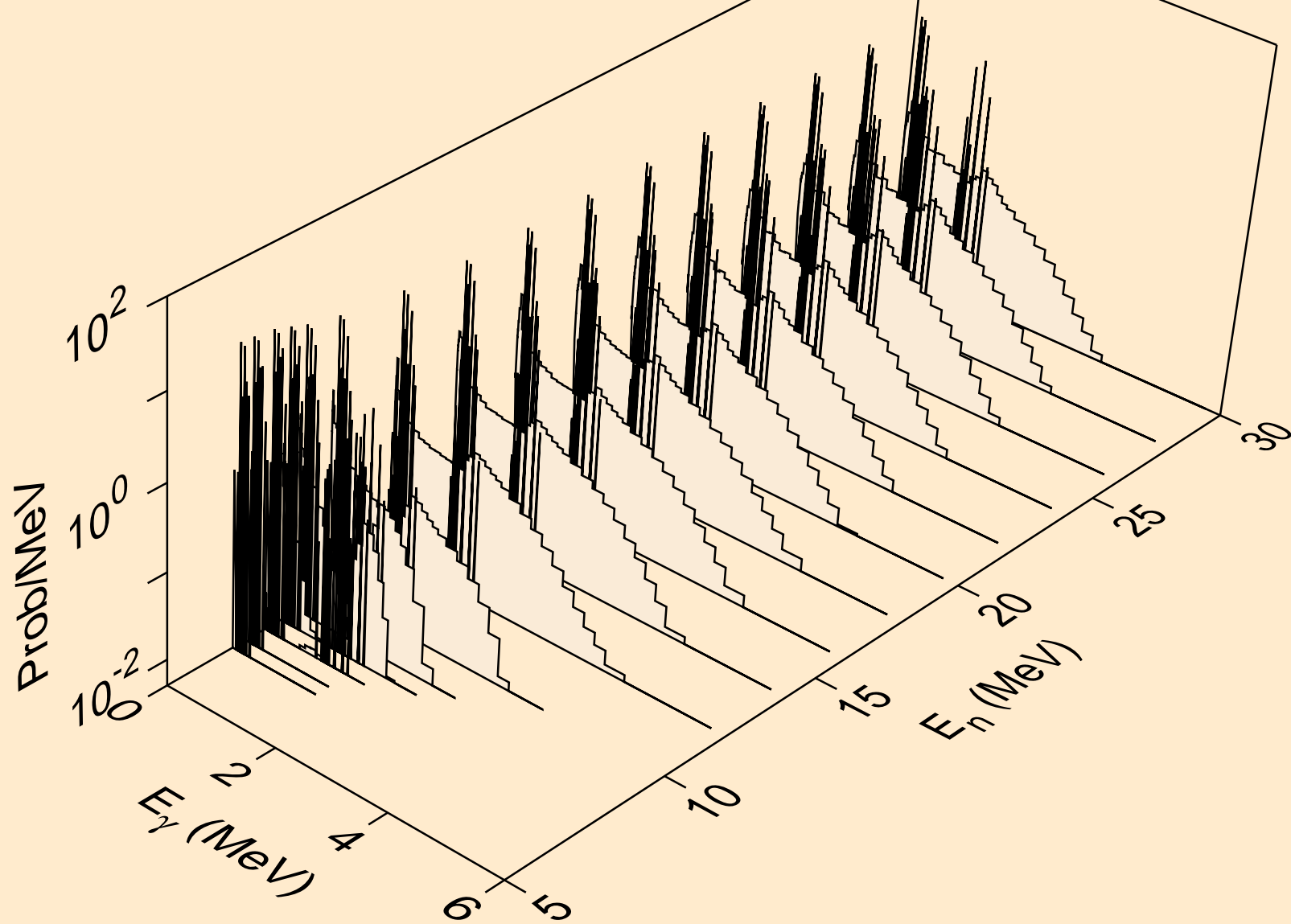
HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



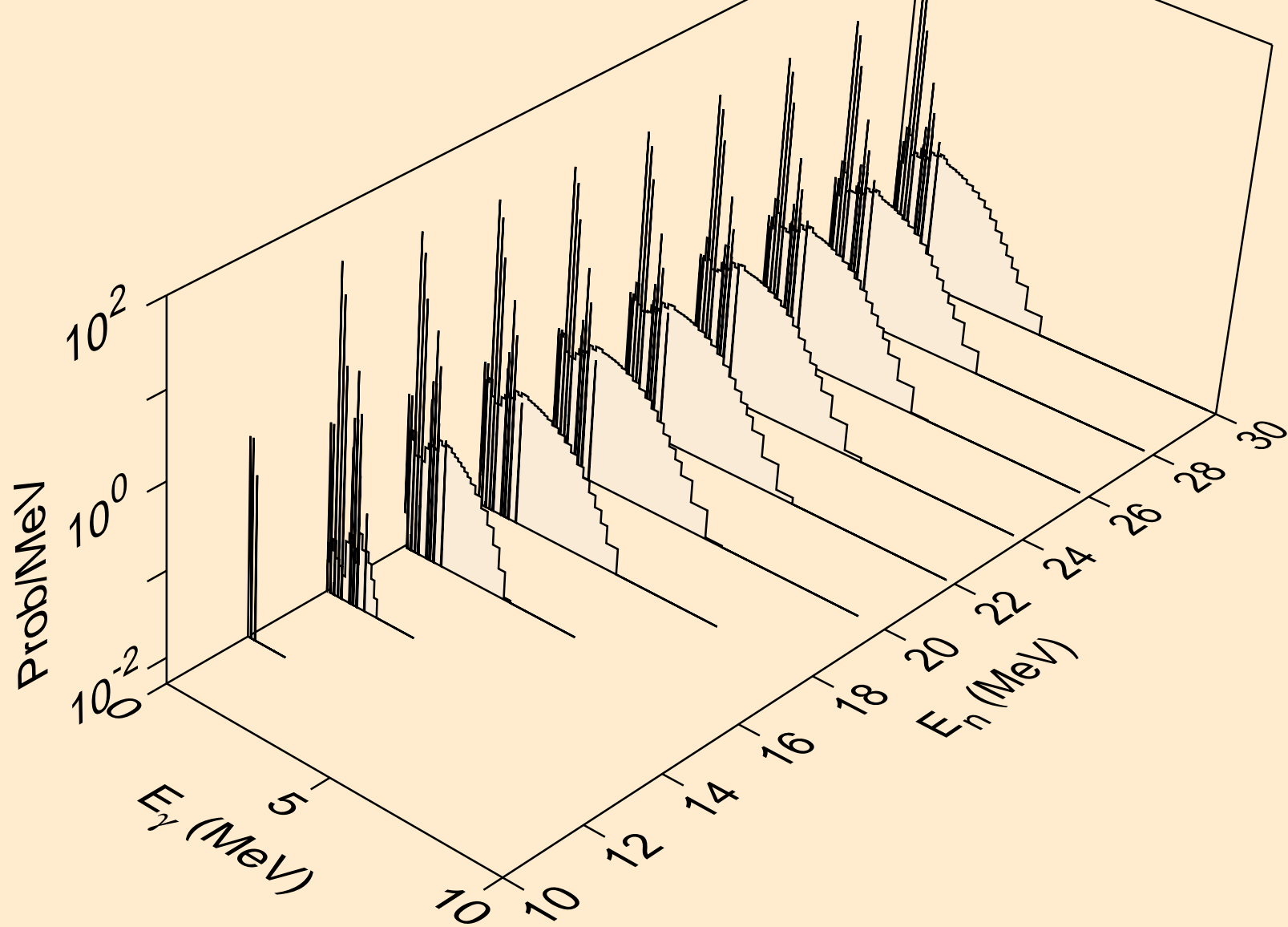
HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



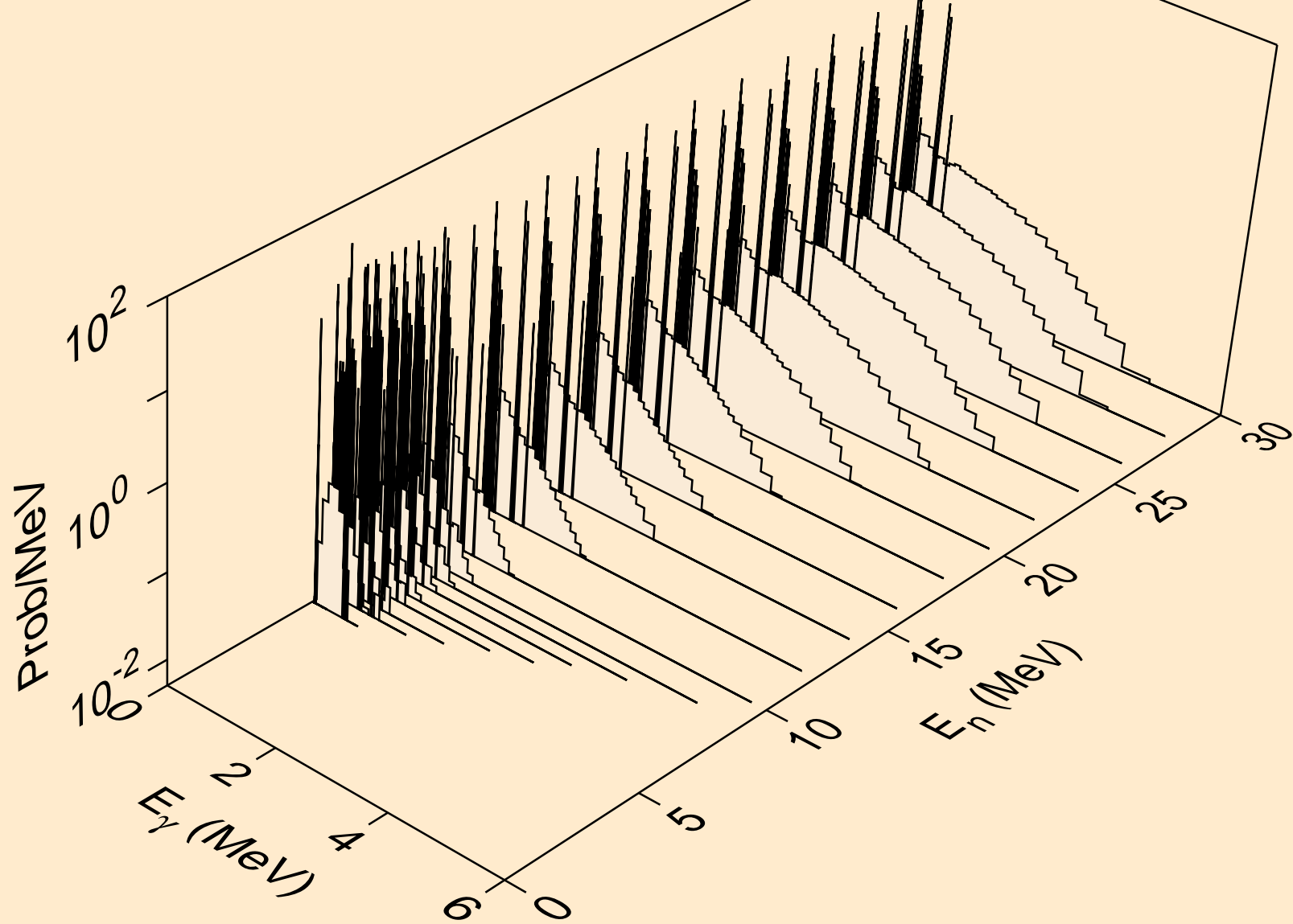
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Photon emission for (n,2n)



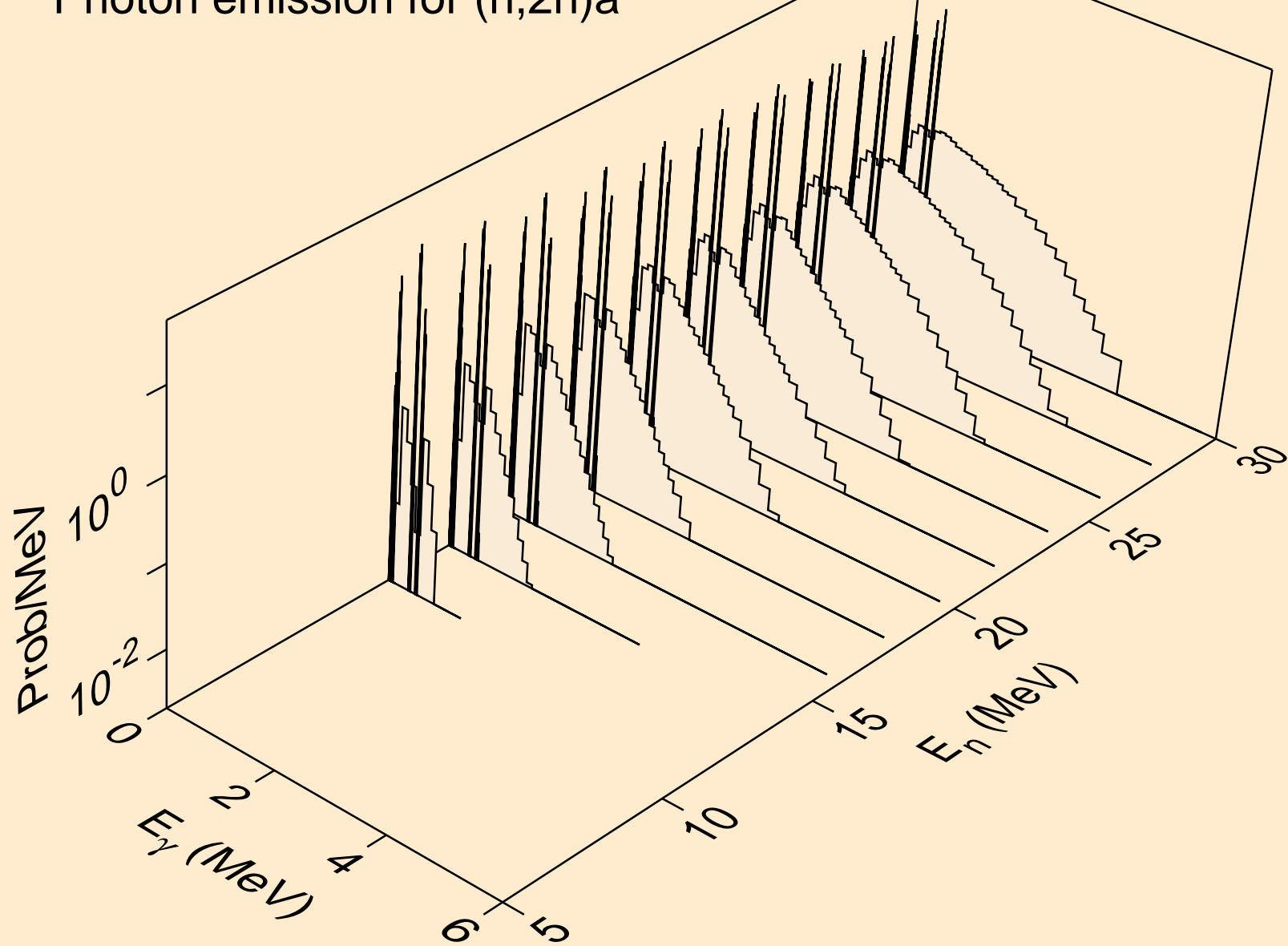
HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

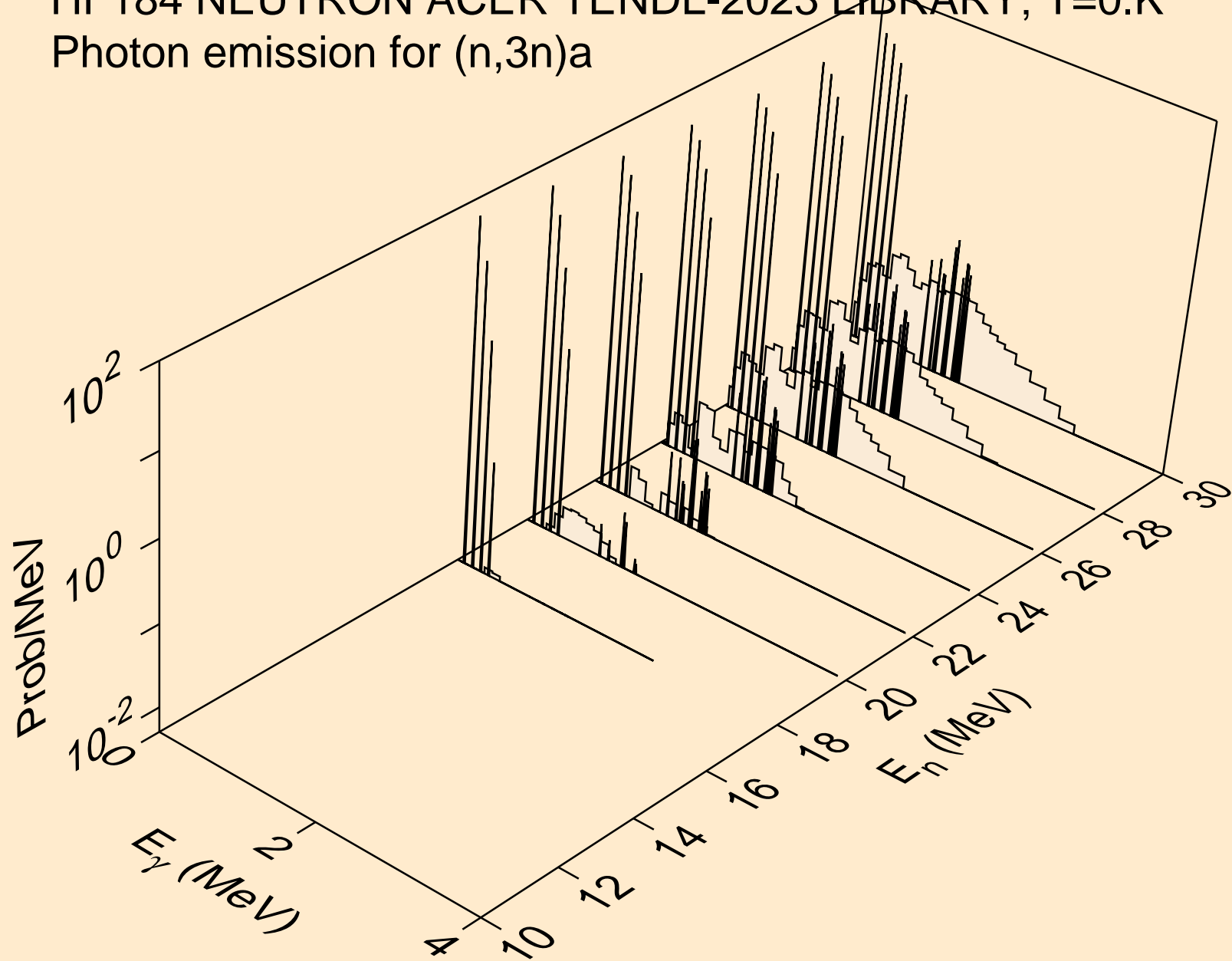


HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

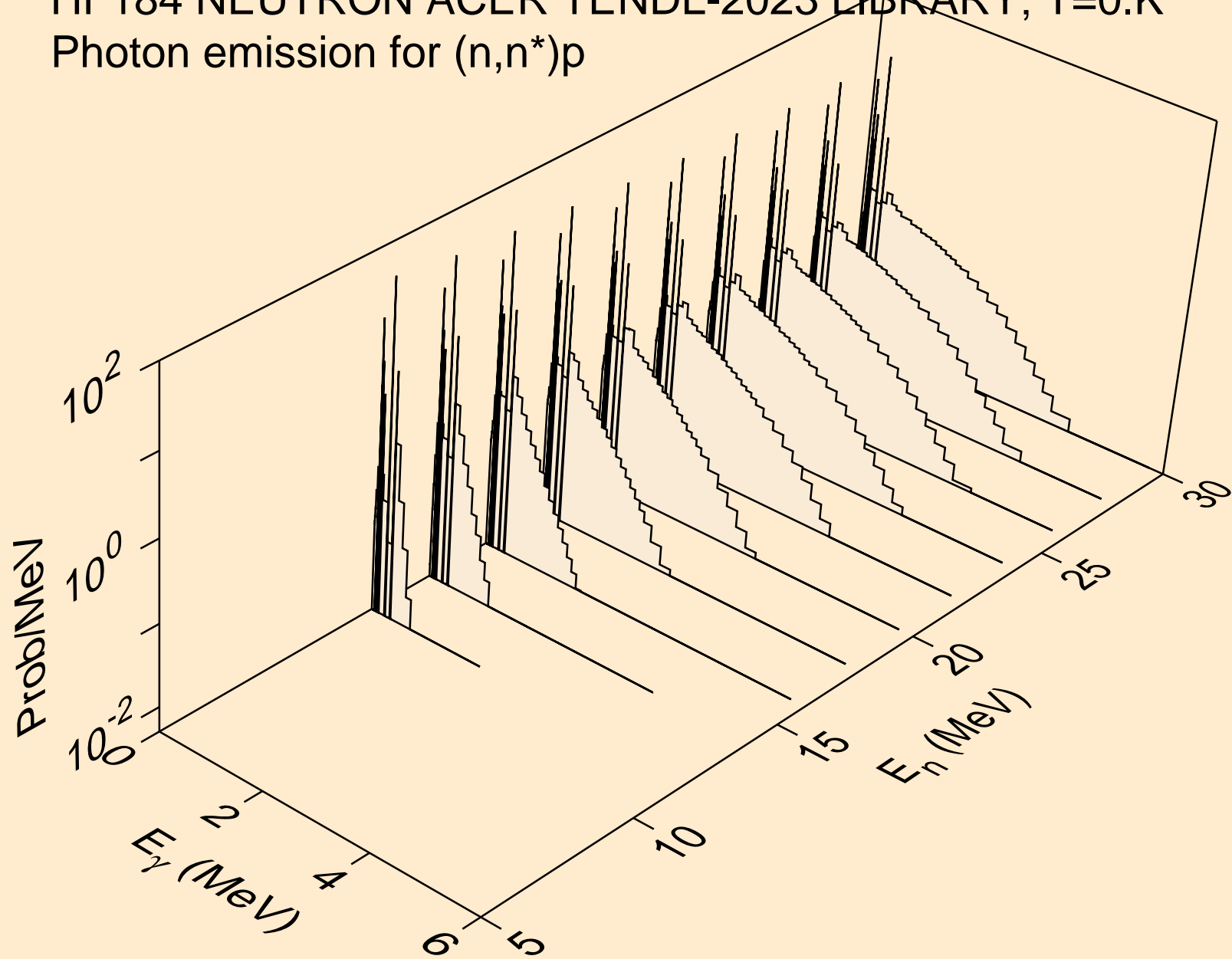




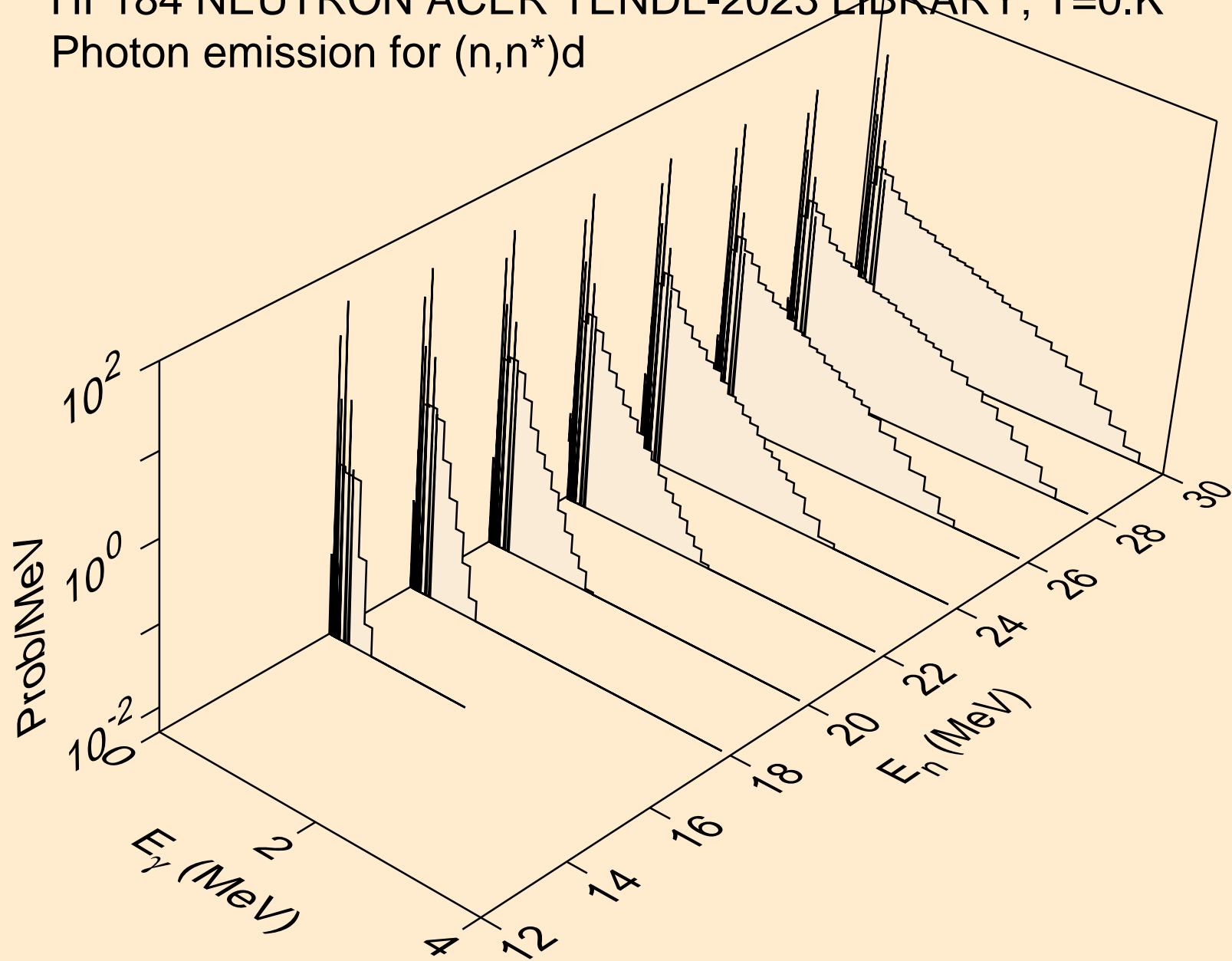
HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



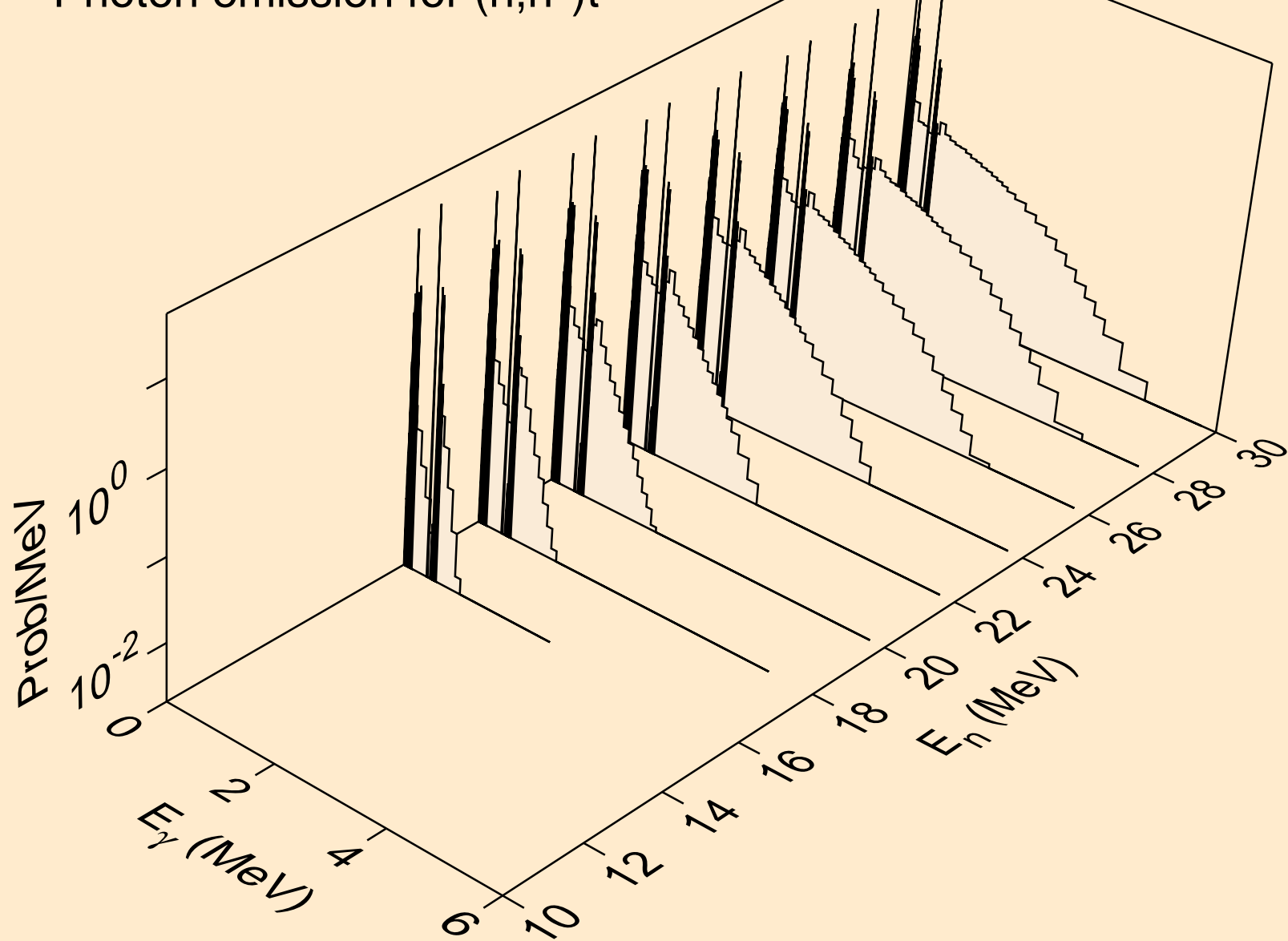
HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



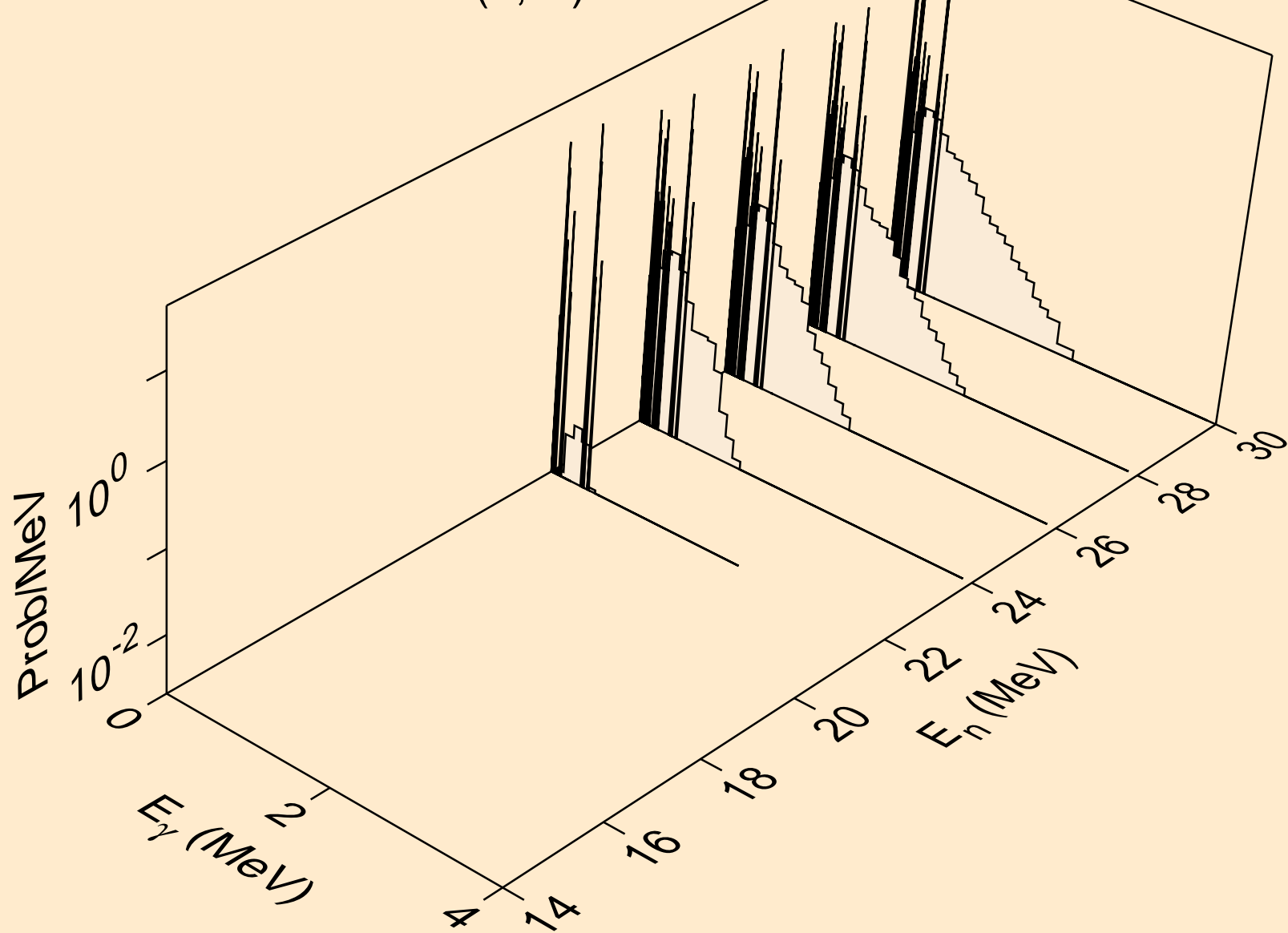
HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



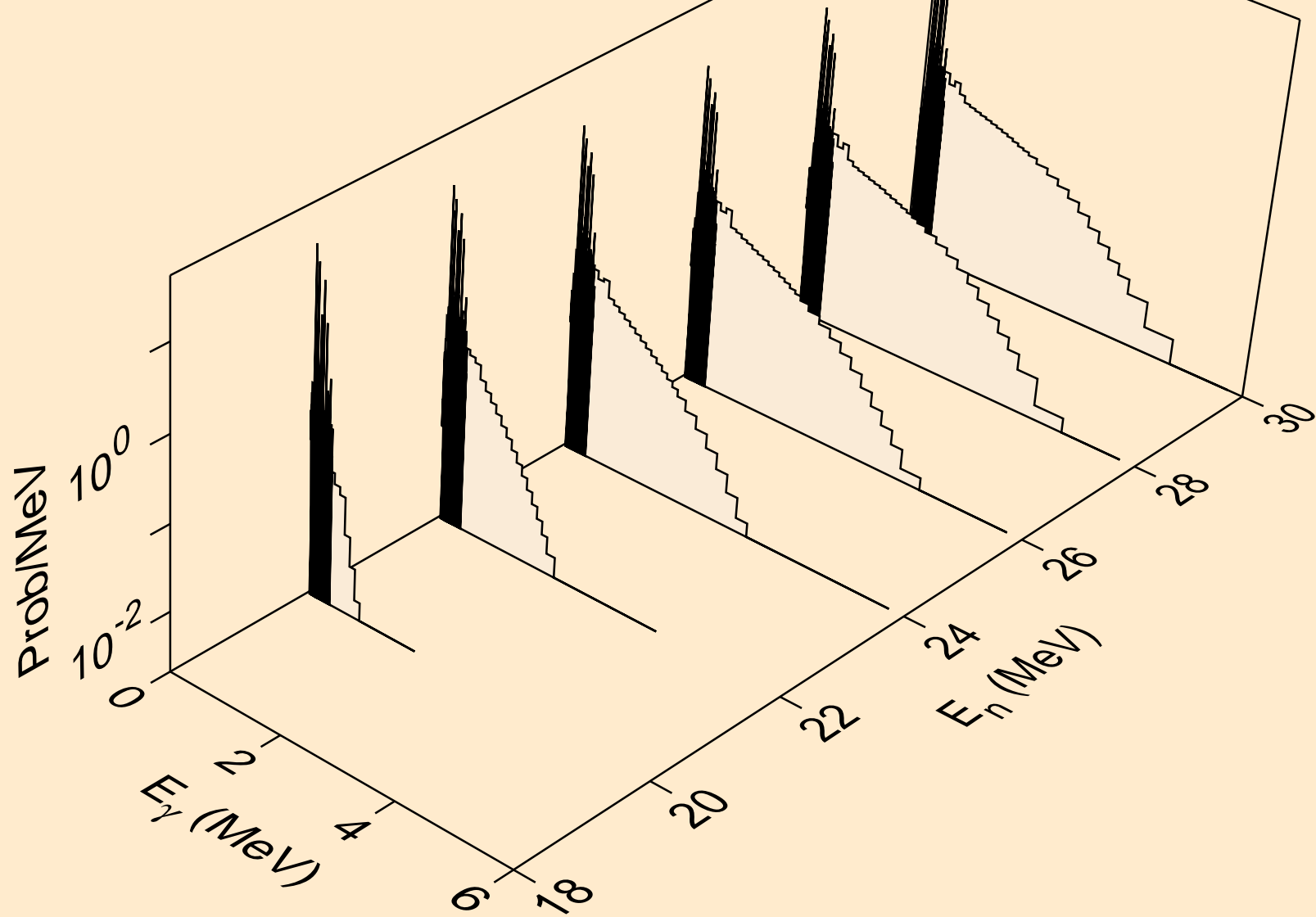
HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



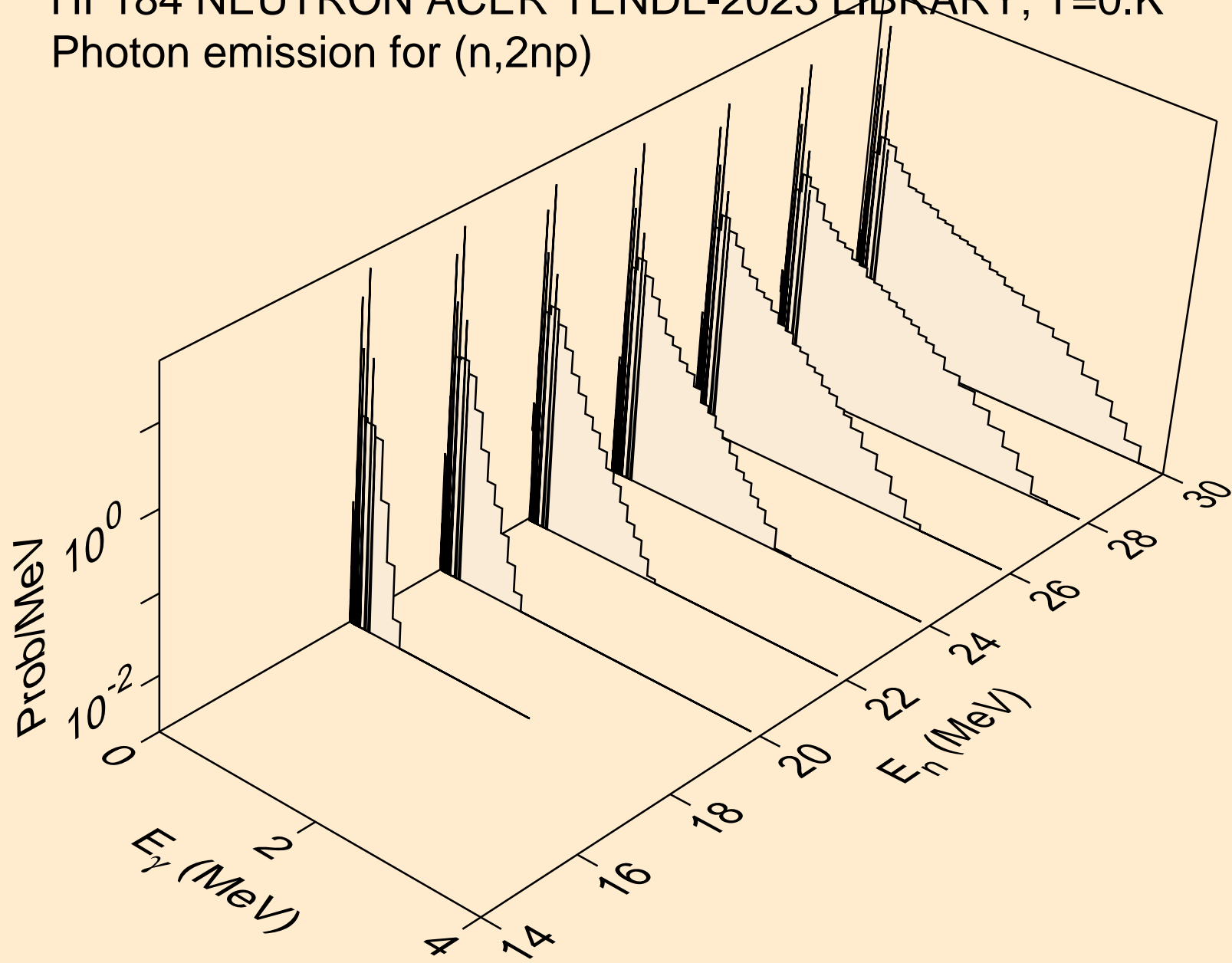
HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



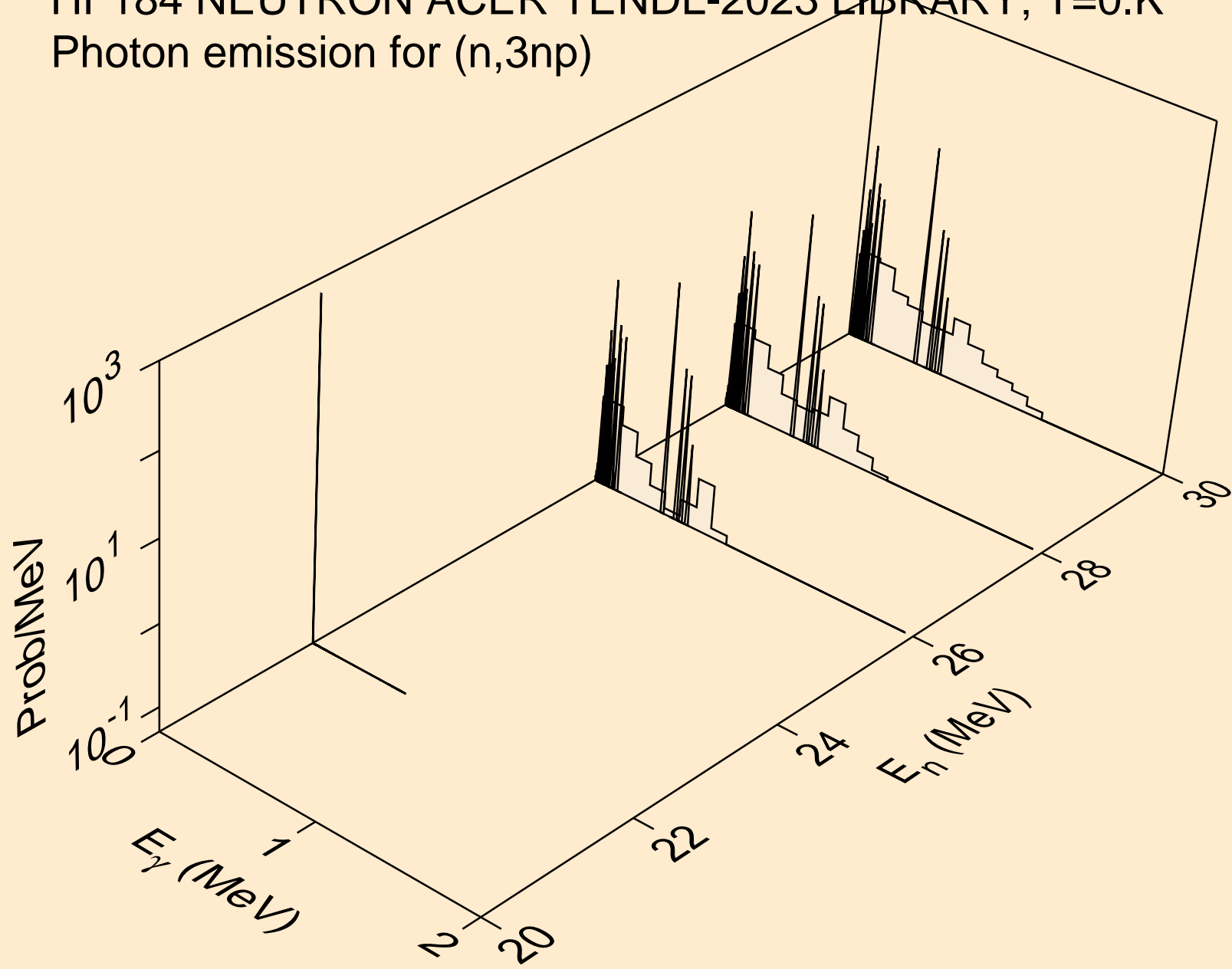
HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

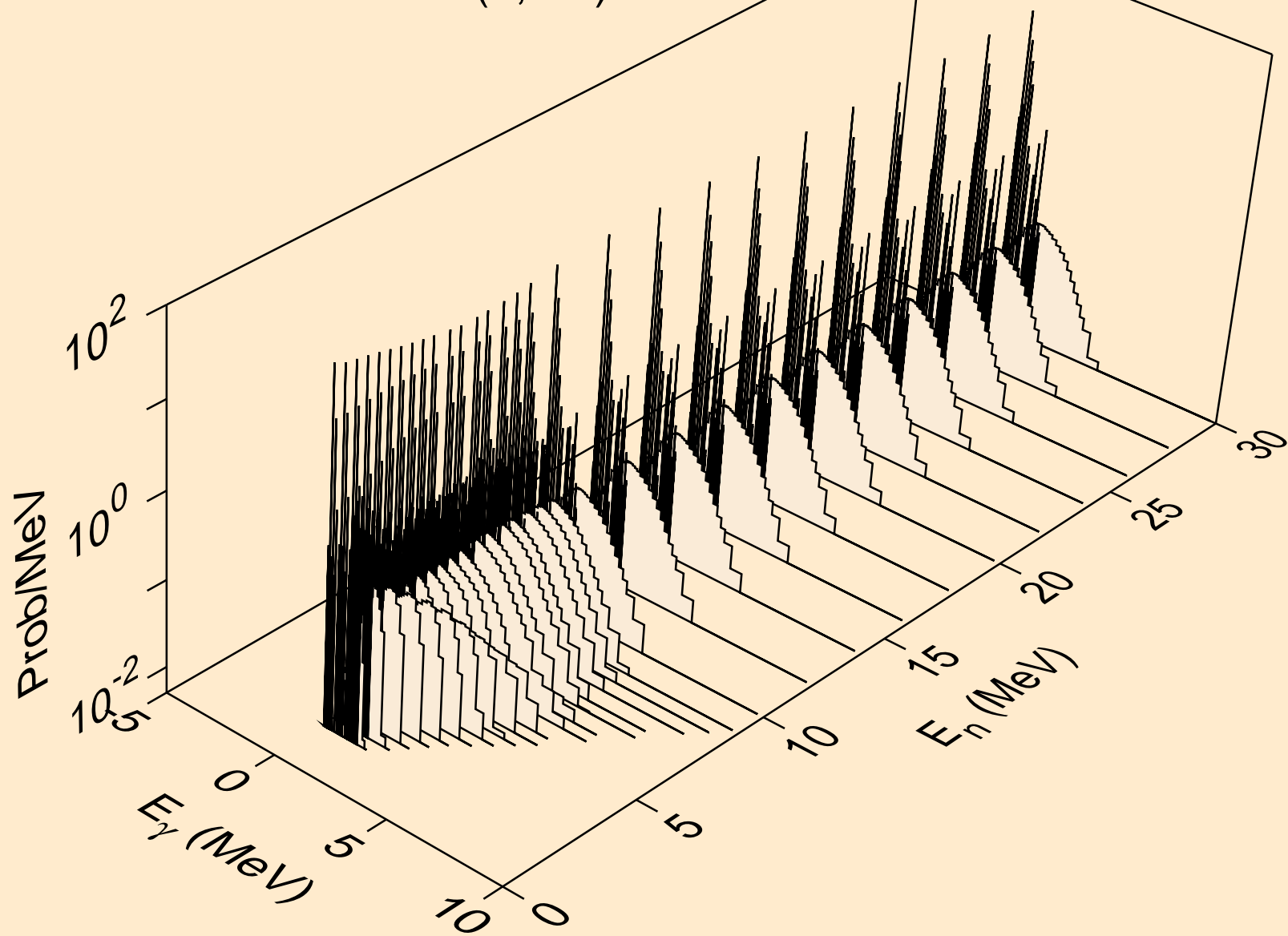


HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)

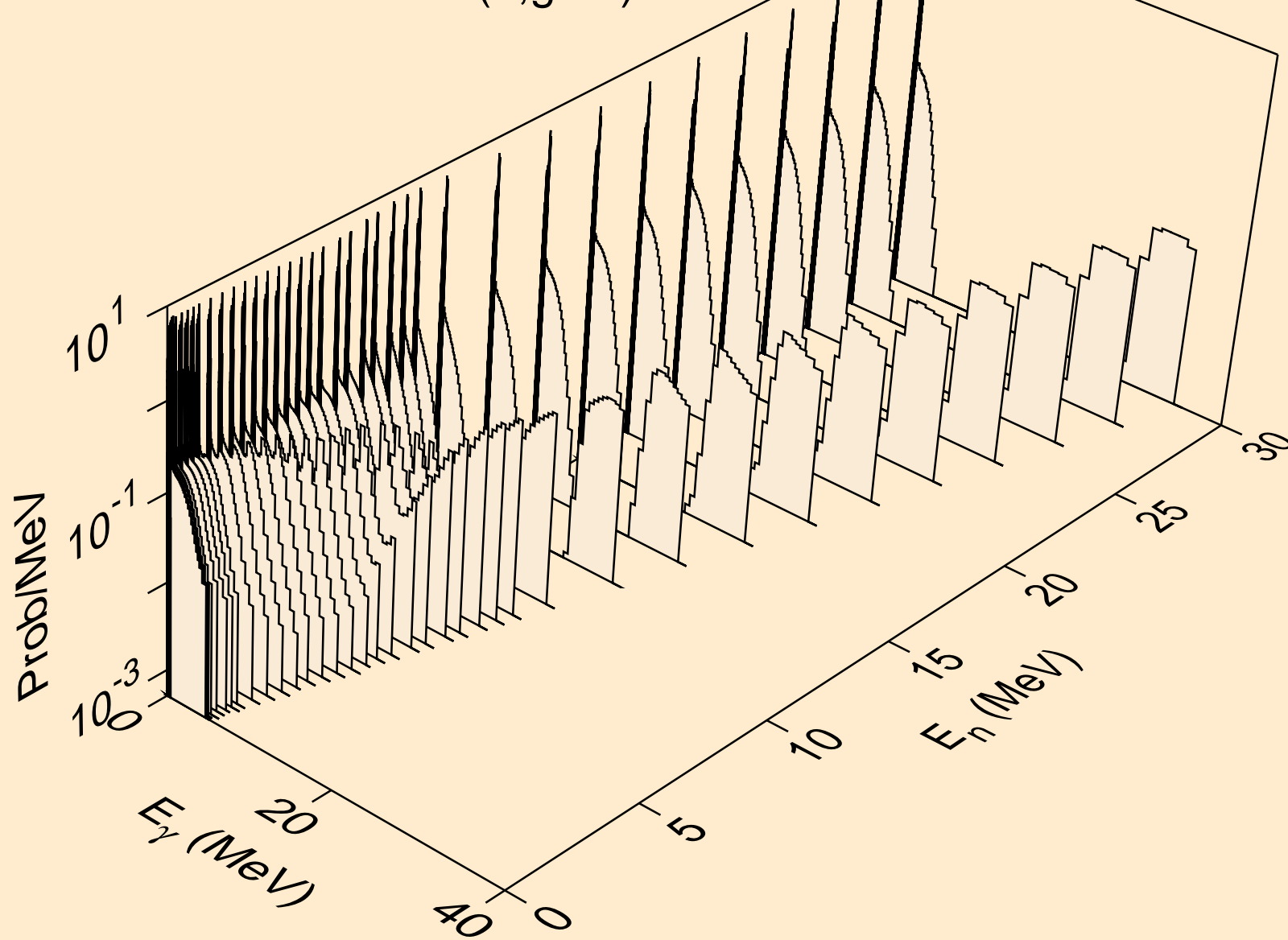




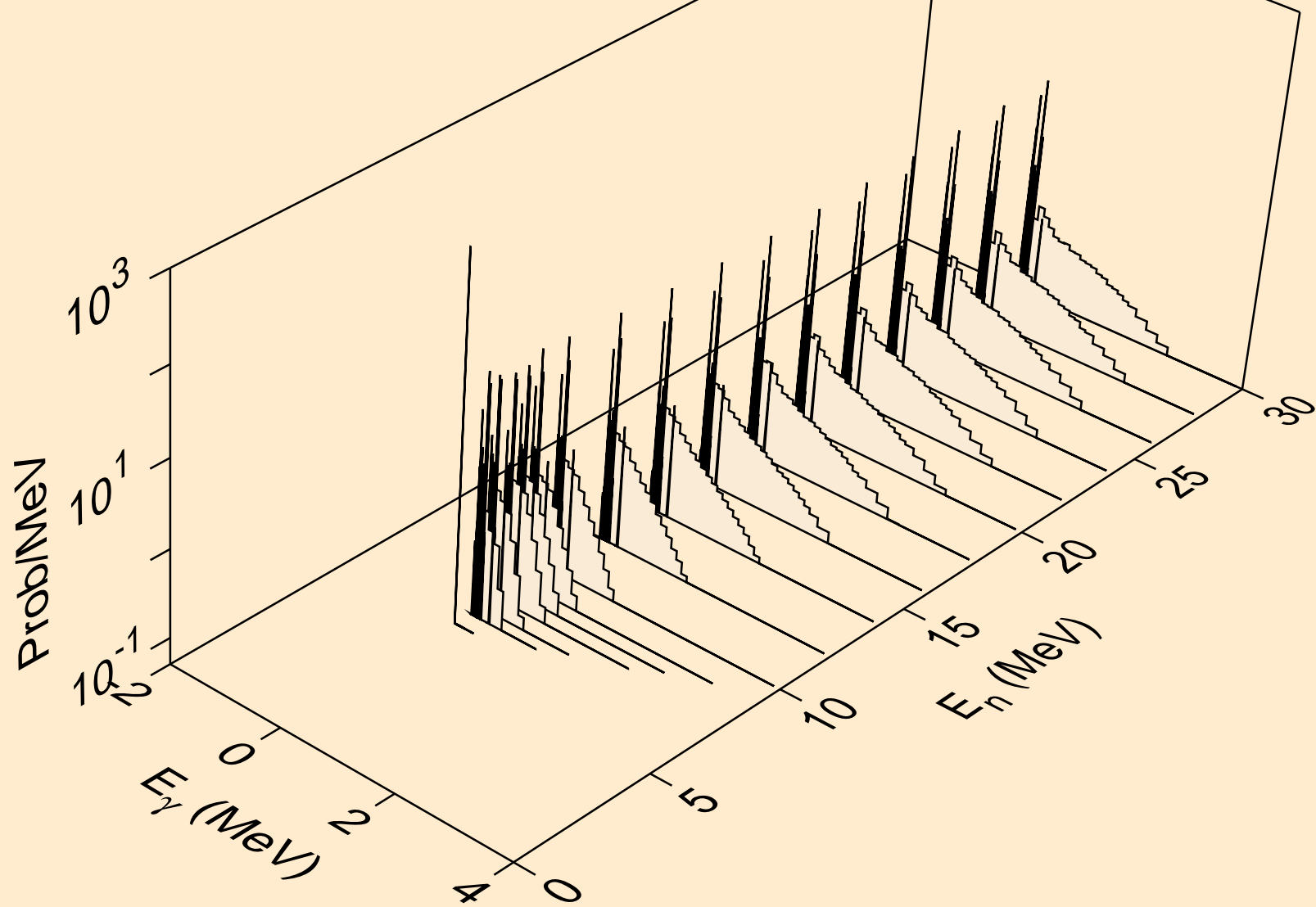
HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



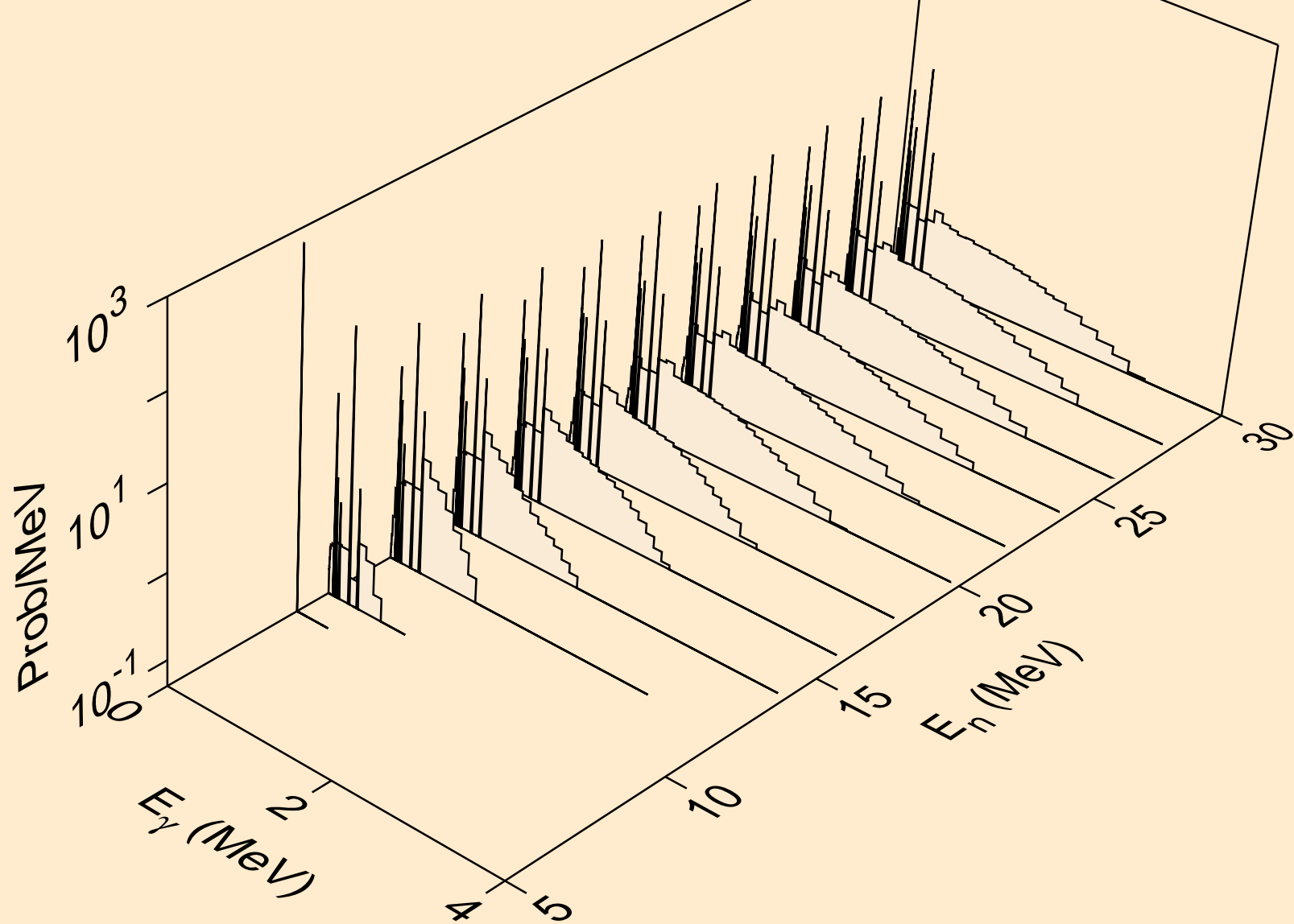
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Photon emission for (n,gma)



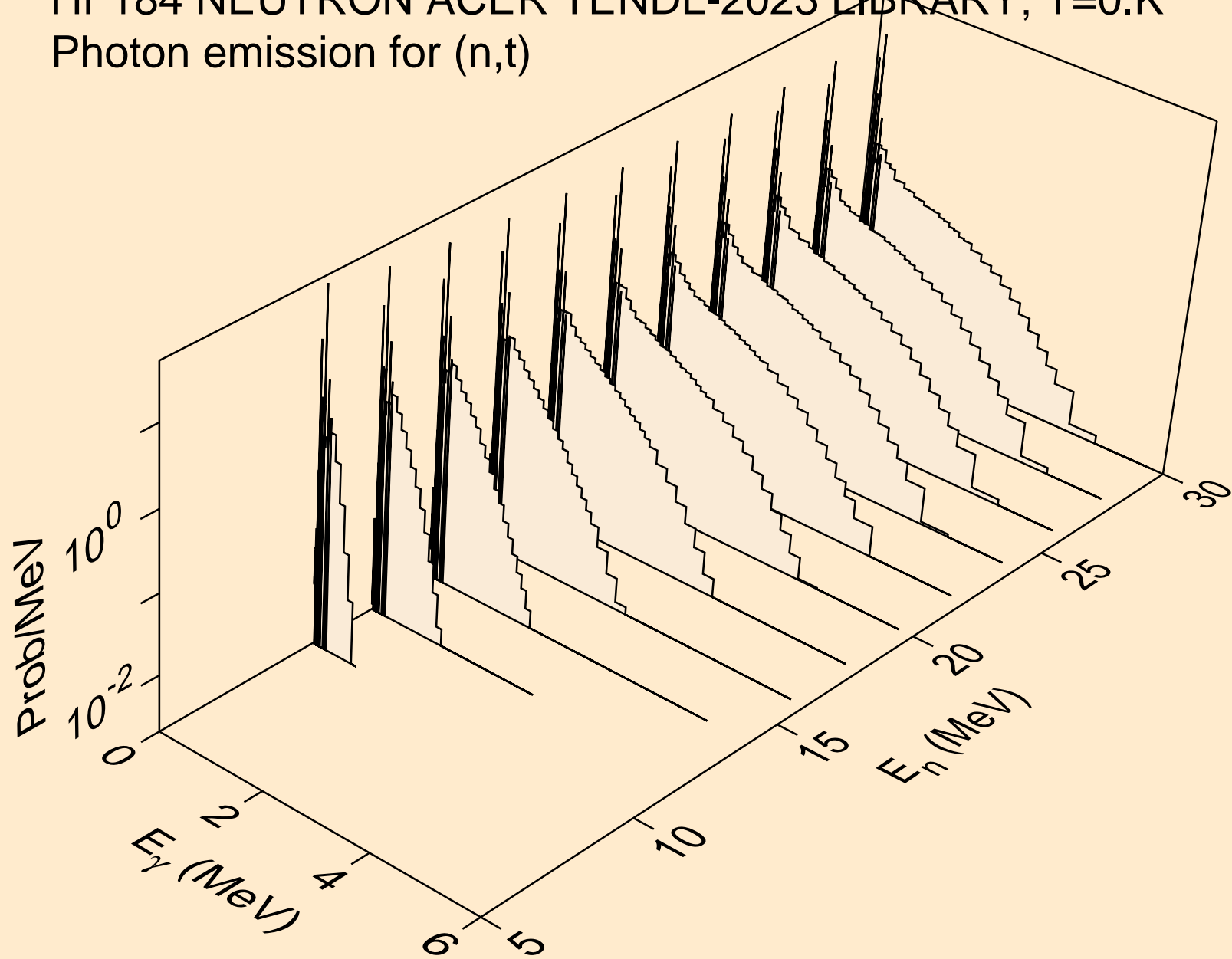
HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



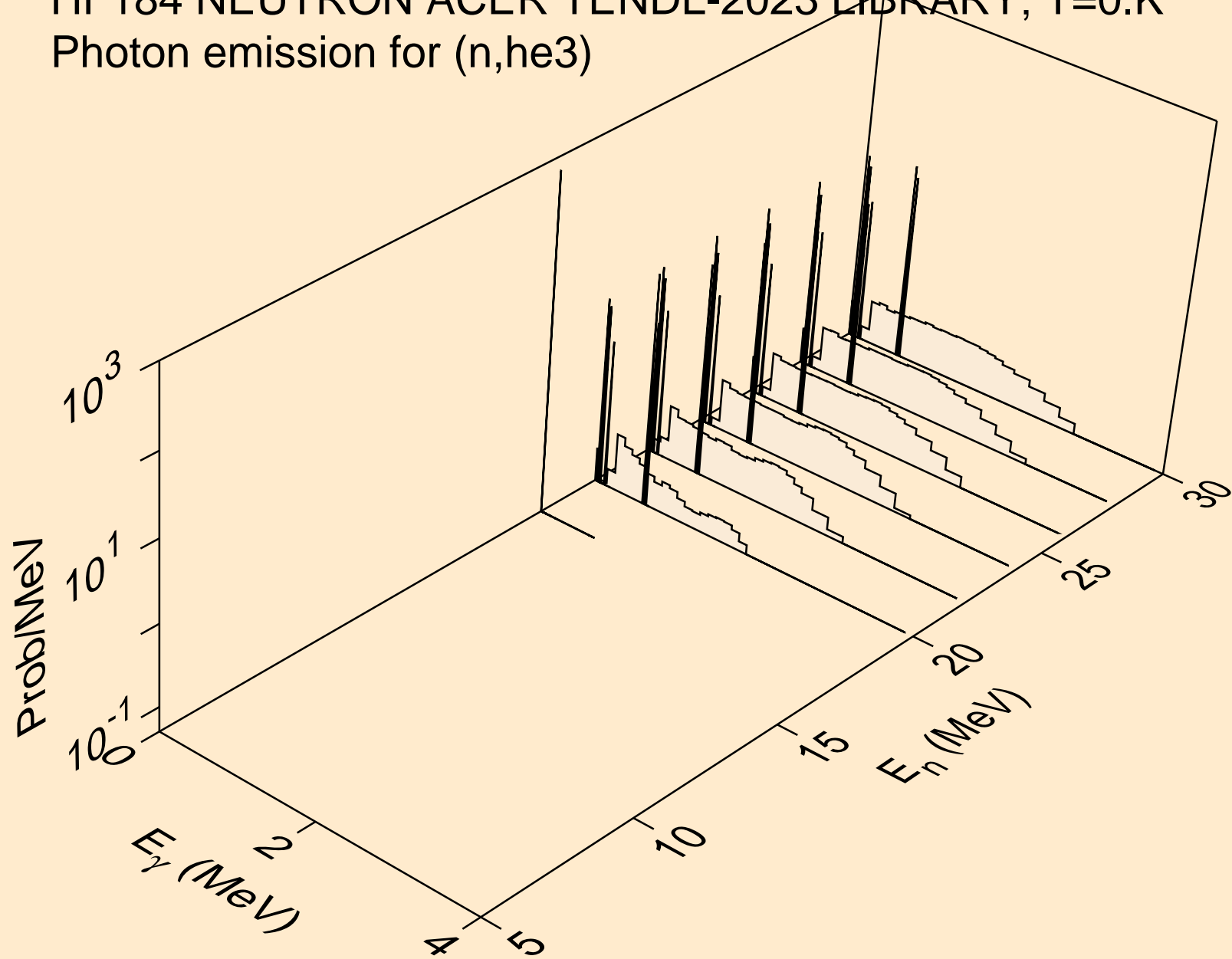
HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



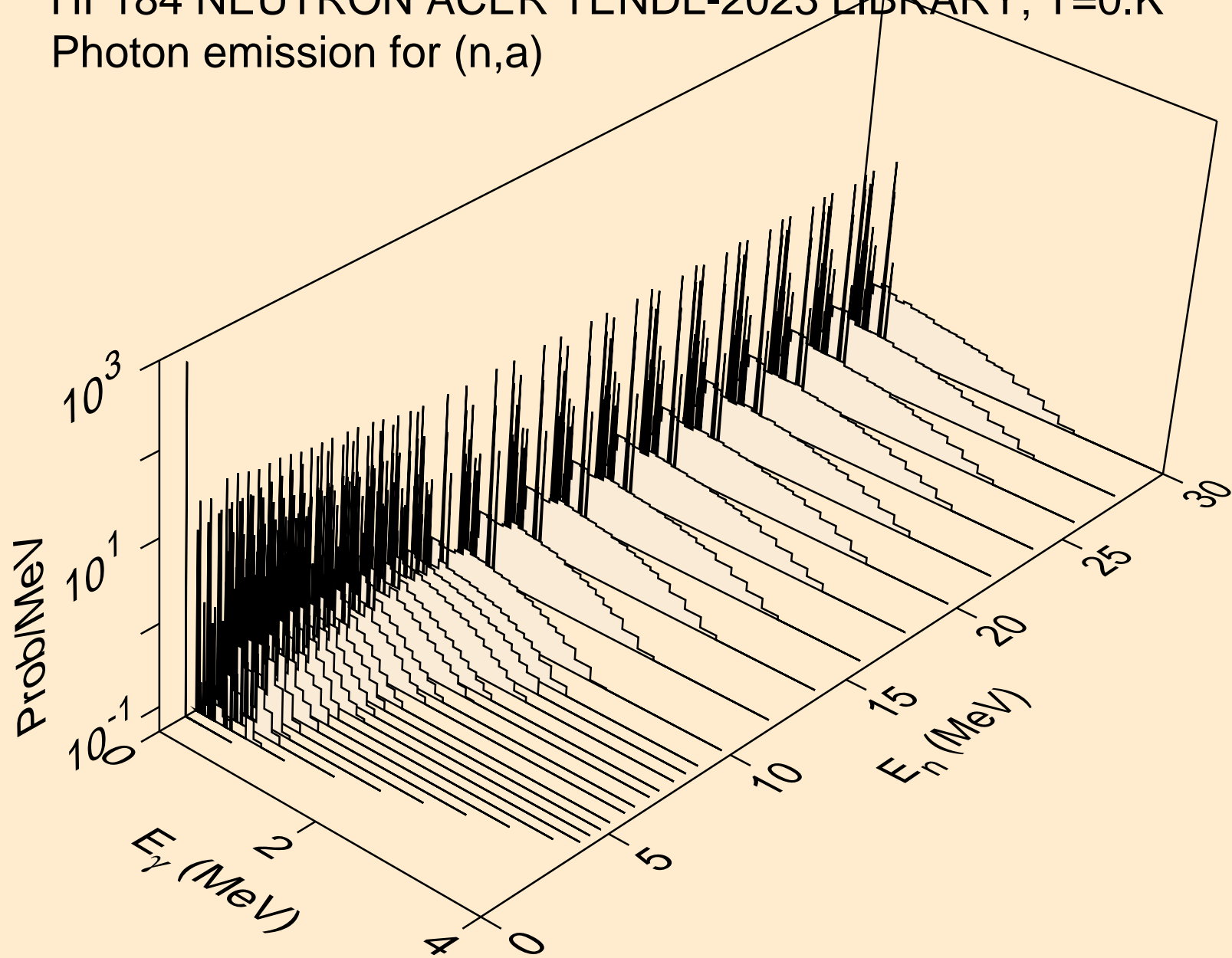
HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



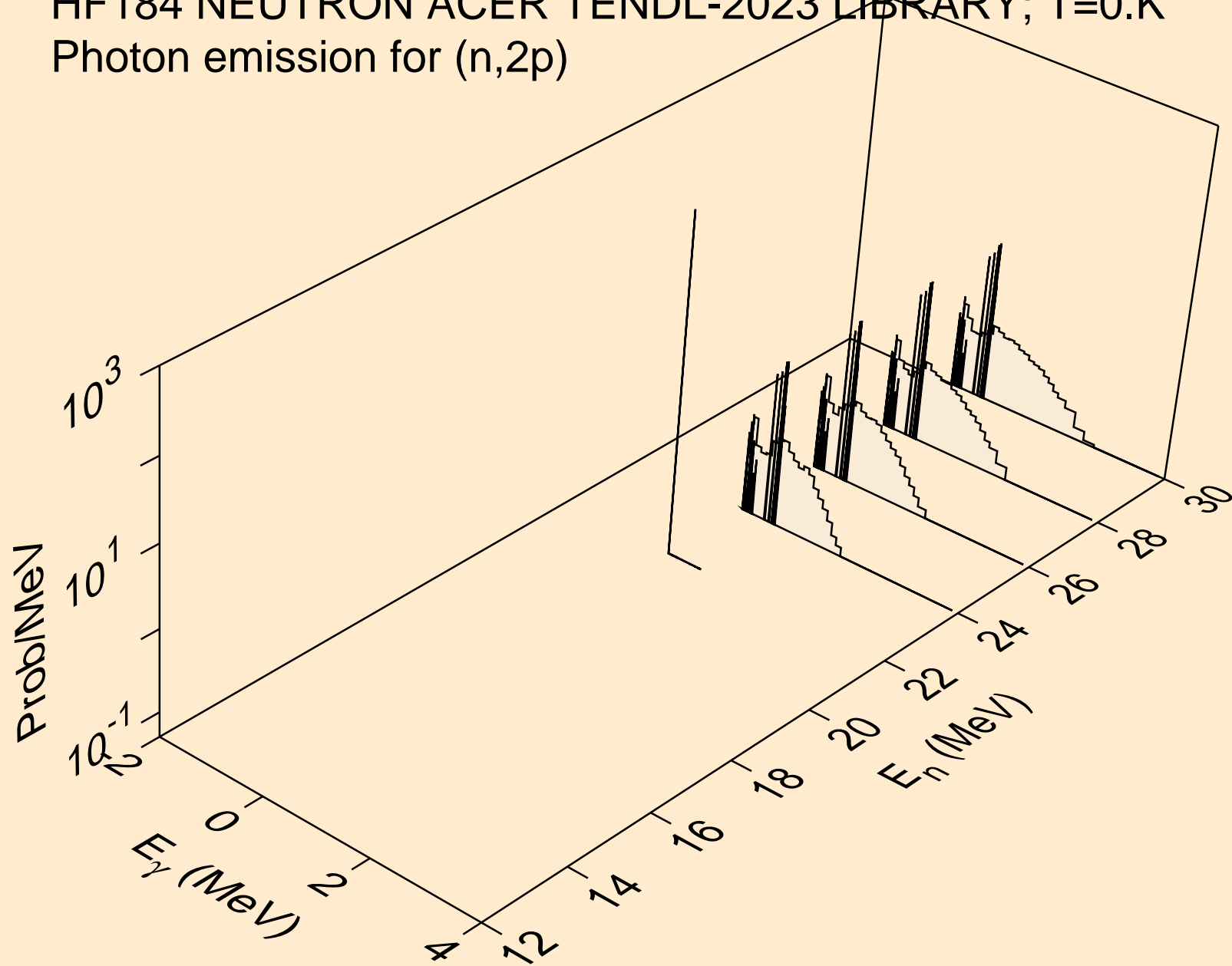
HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)

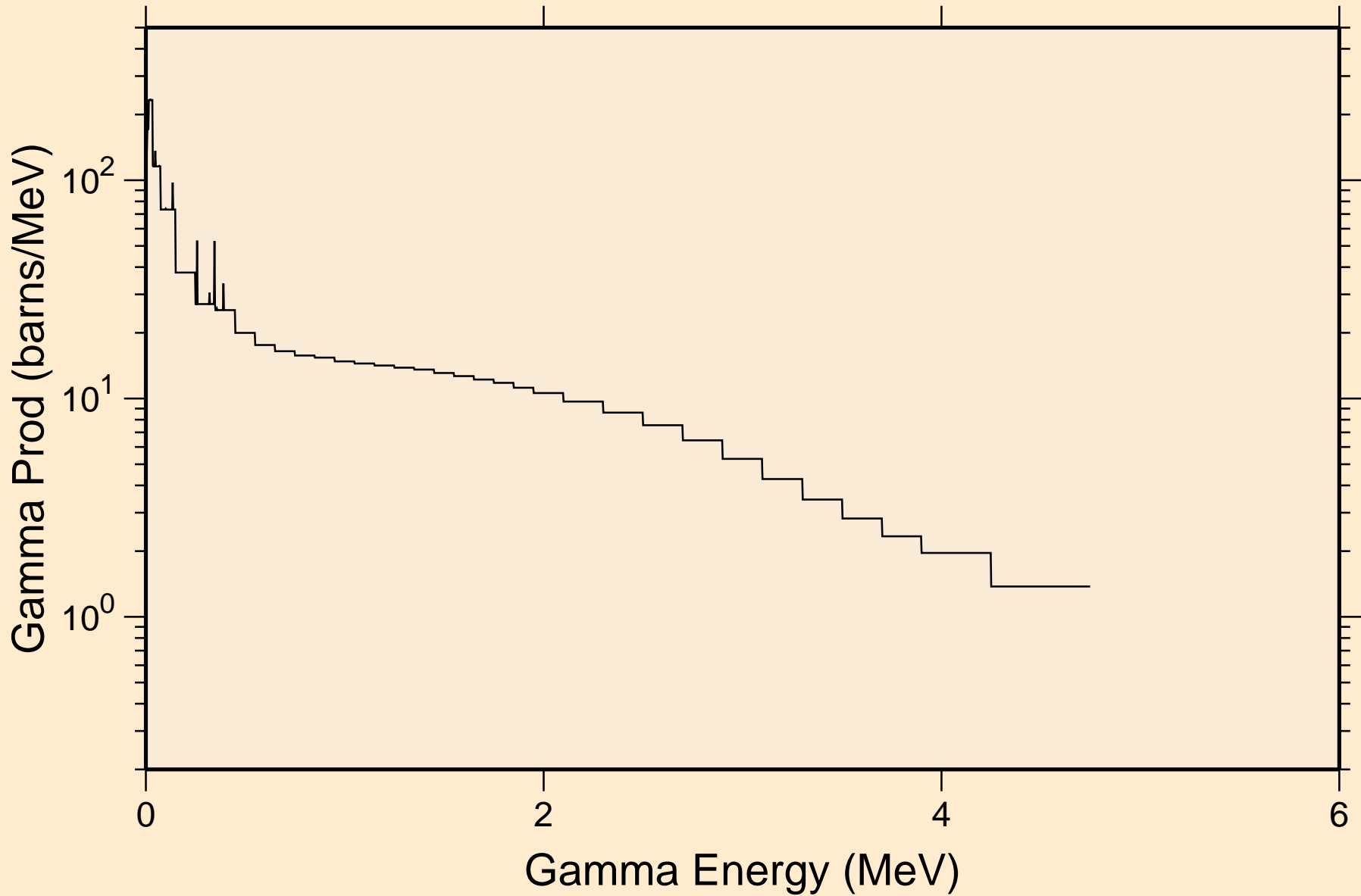


HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)

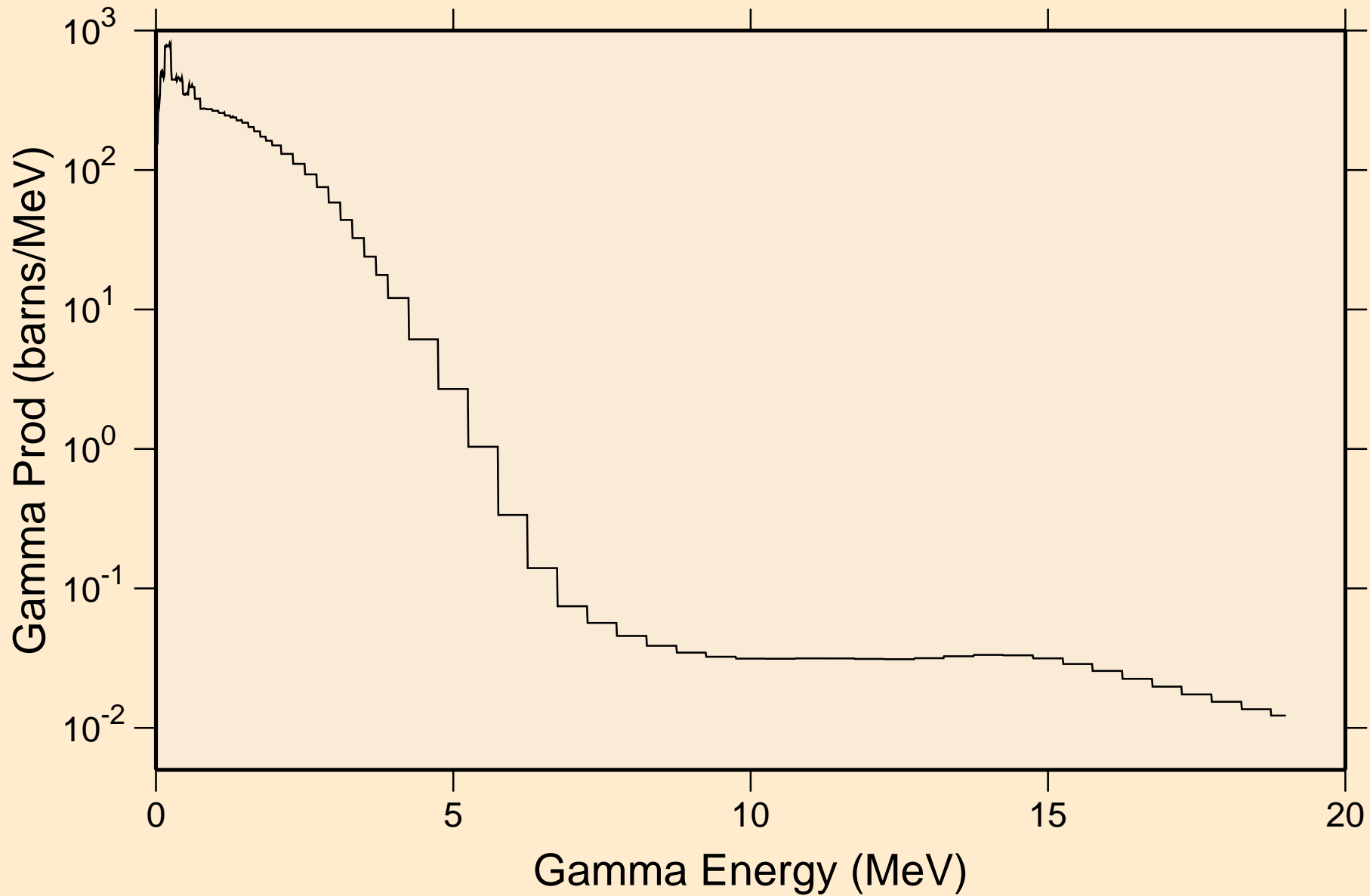




HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

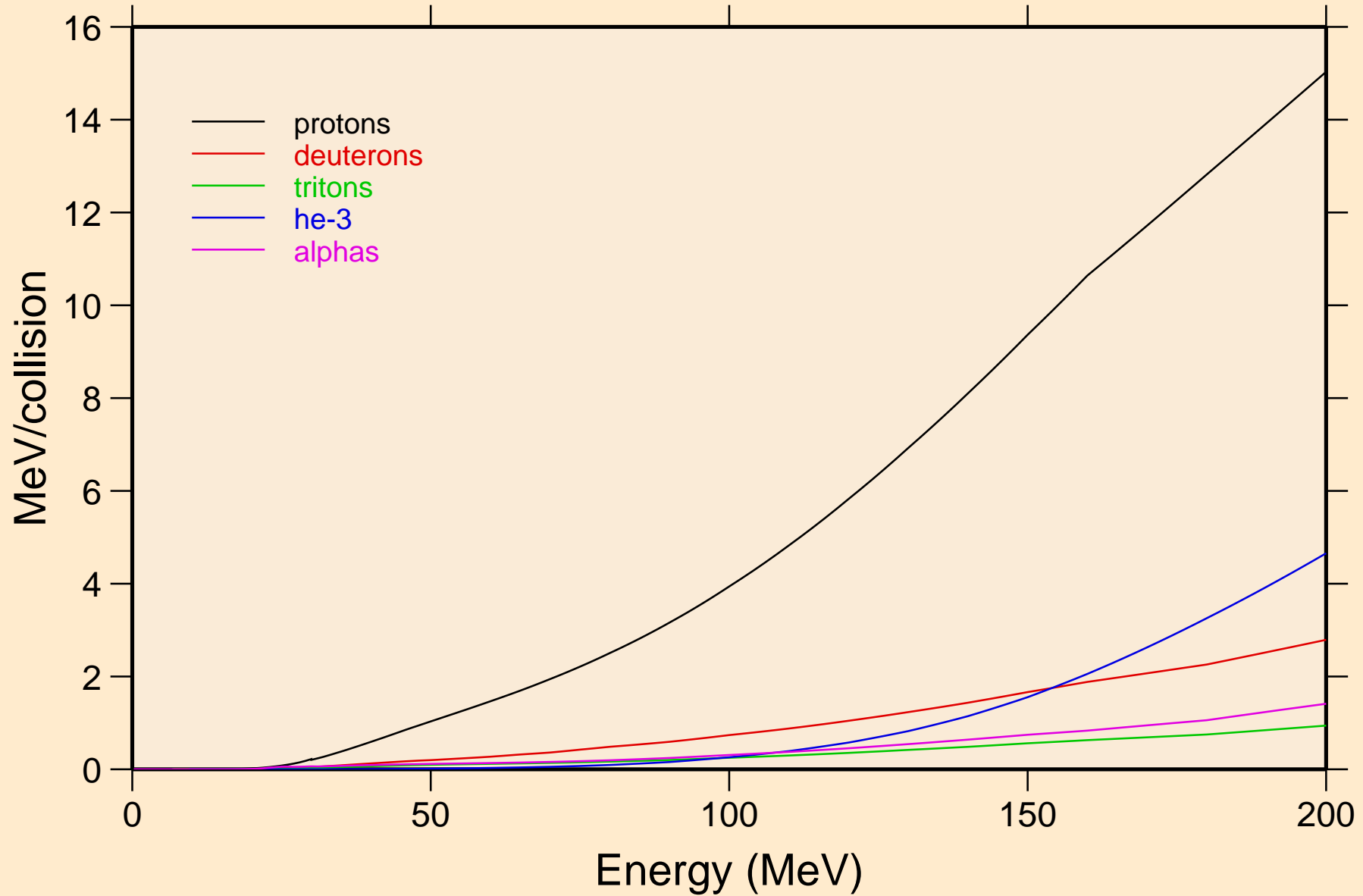


HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum

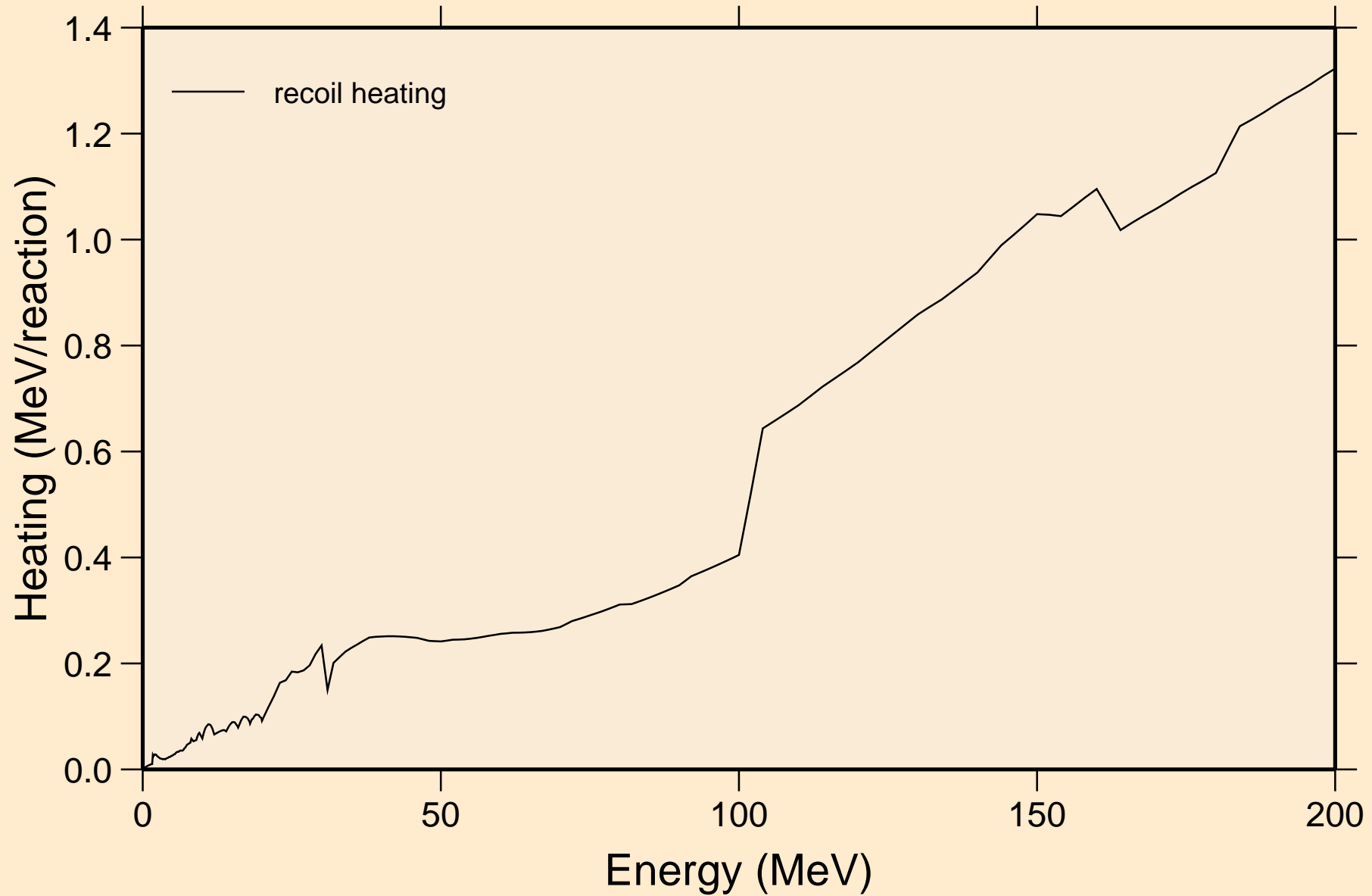


# HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions

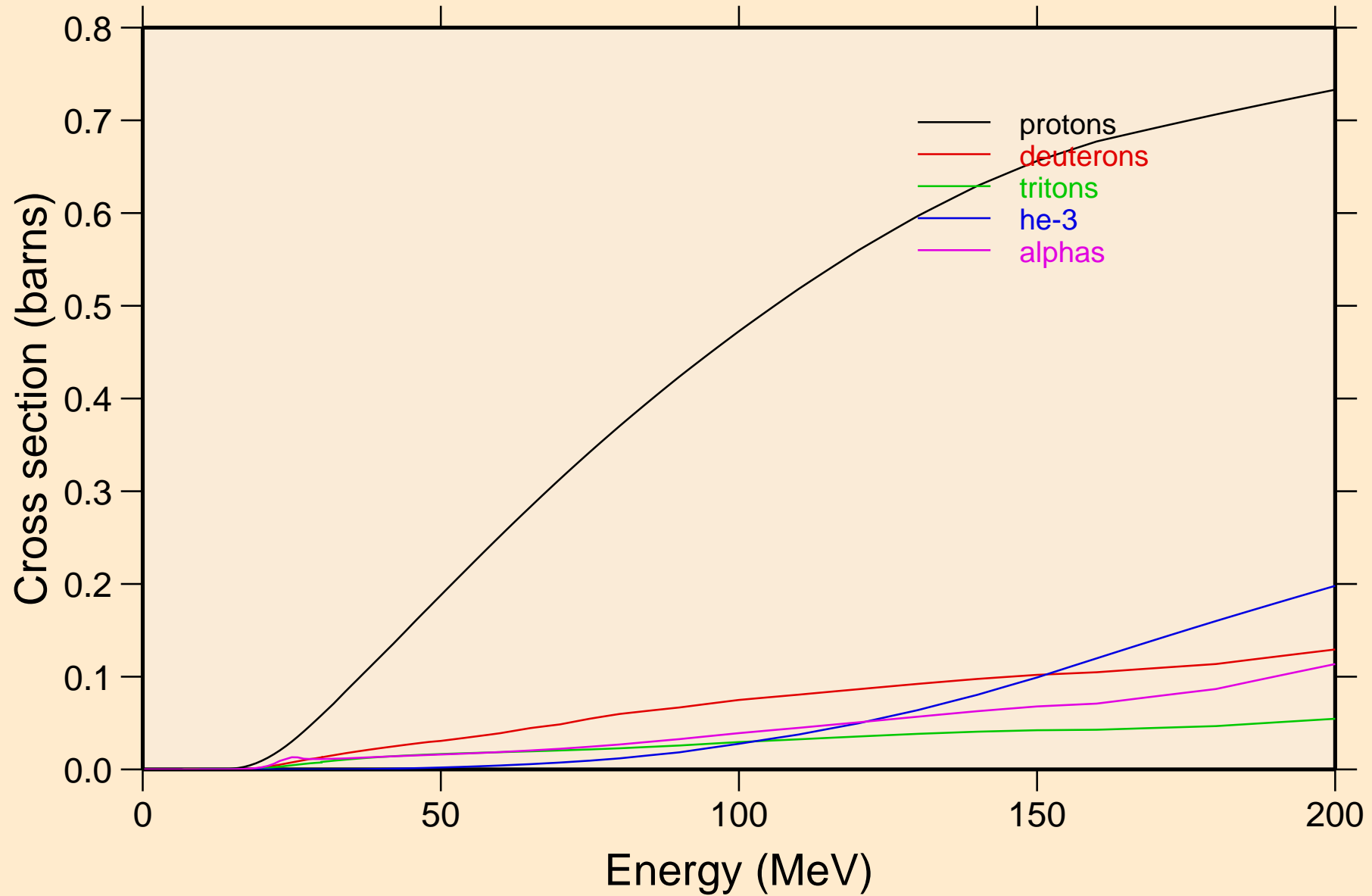


HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

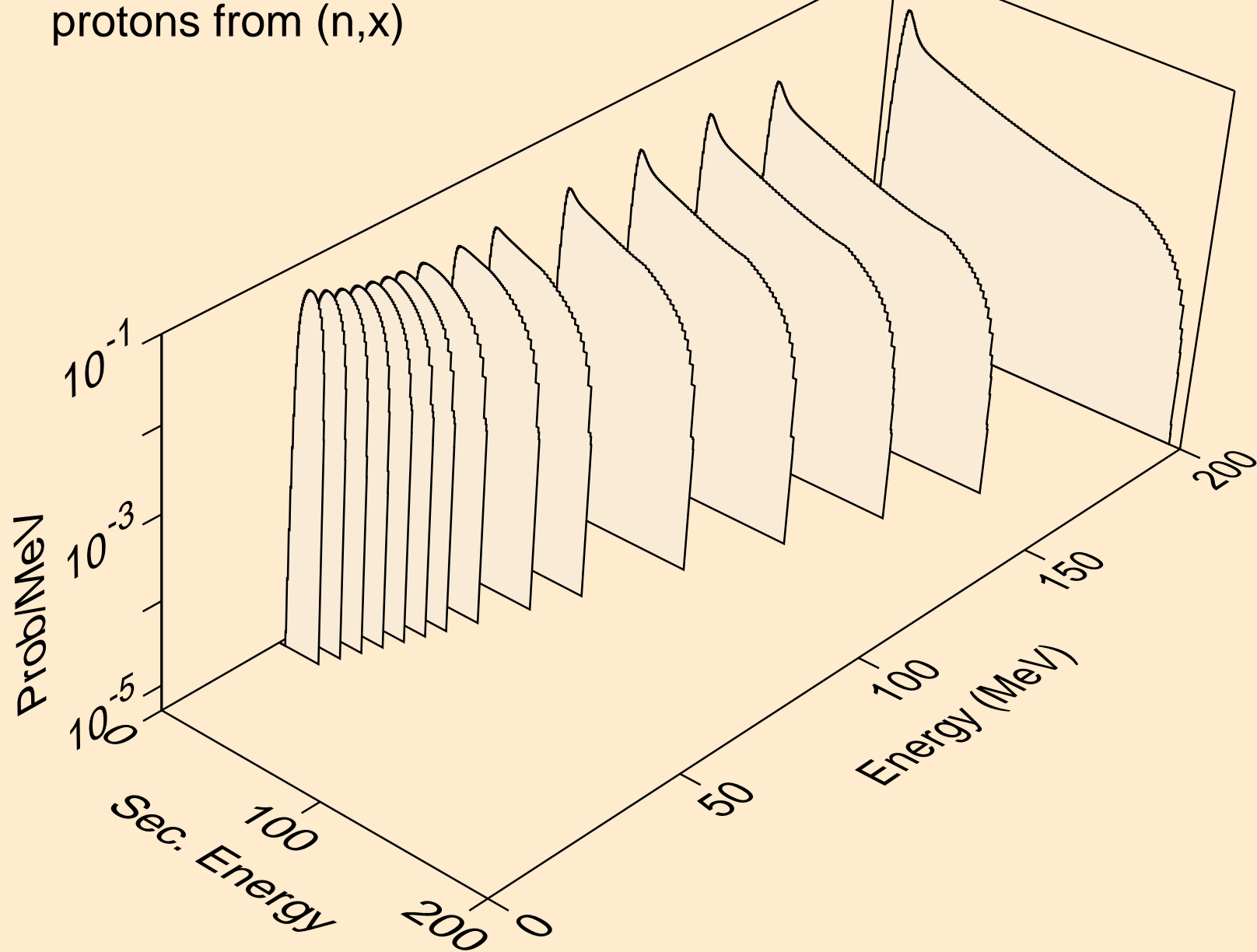


# HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

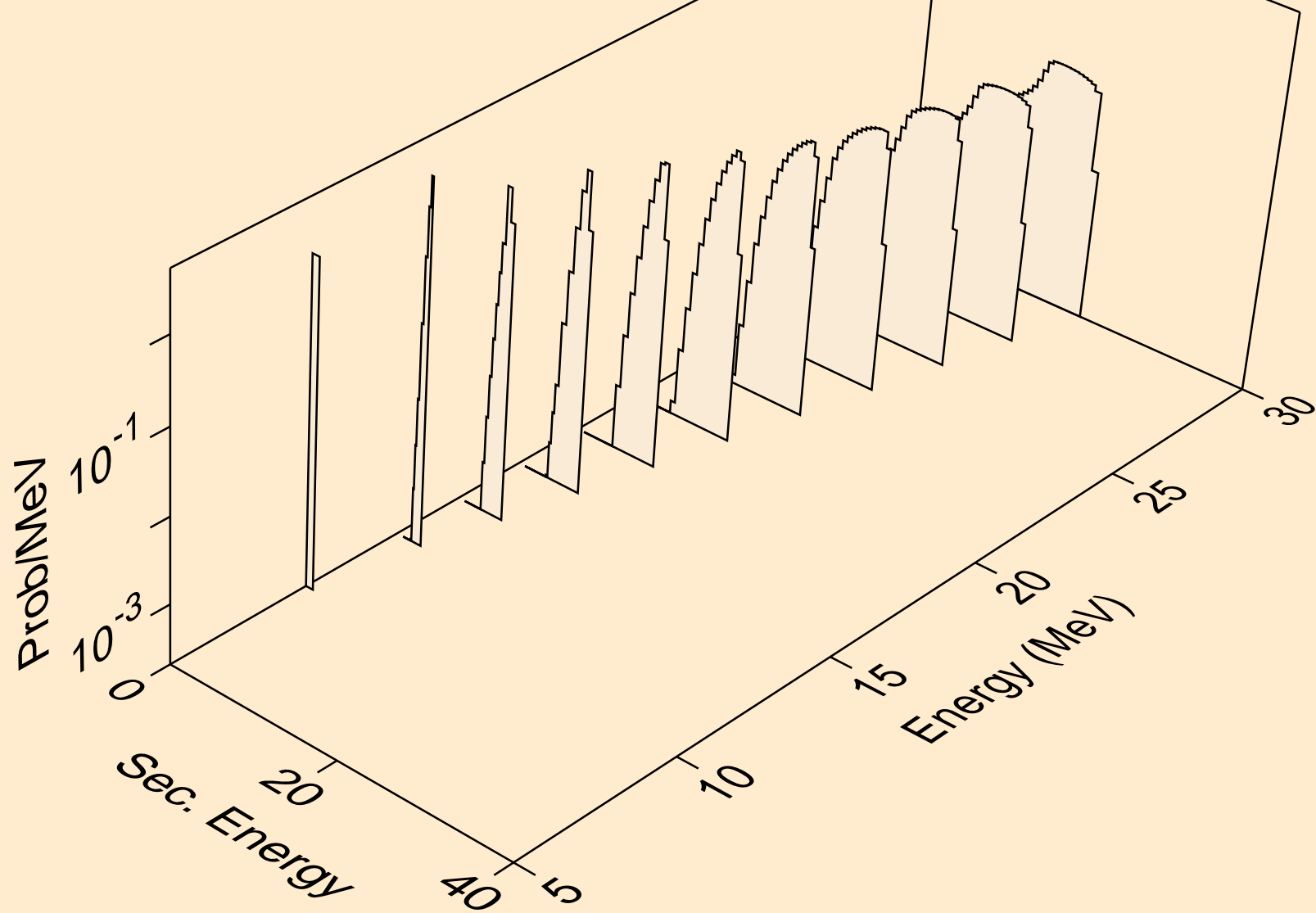
## Particle production cross sections



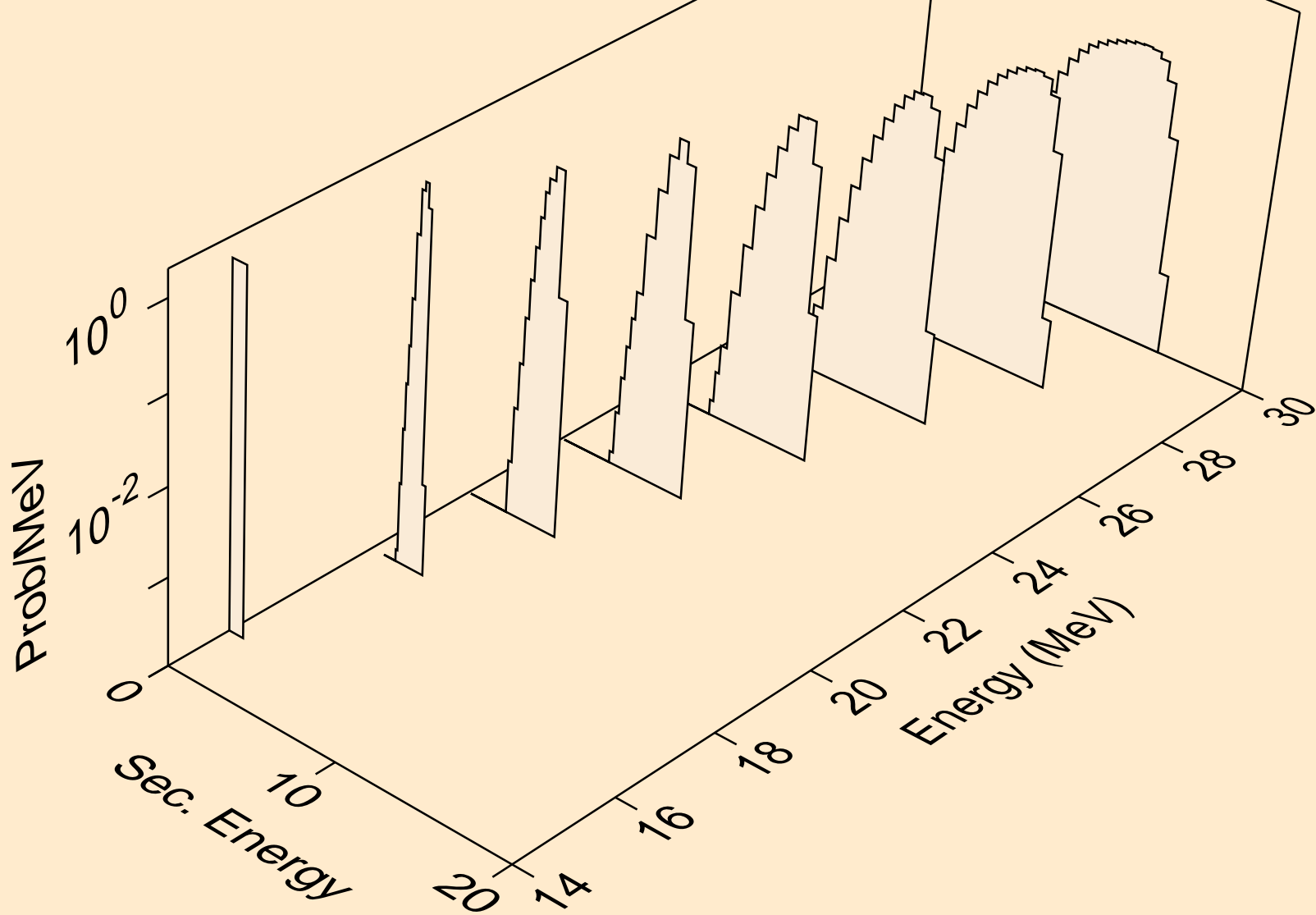
HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p

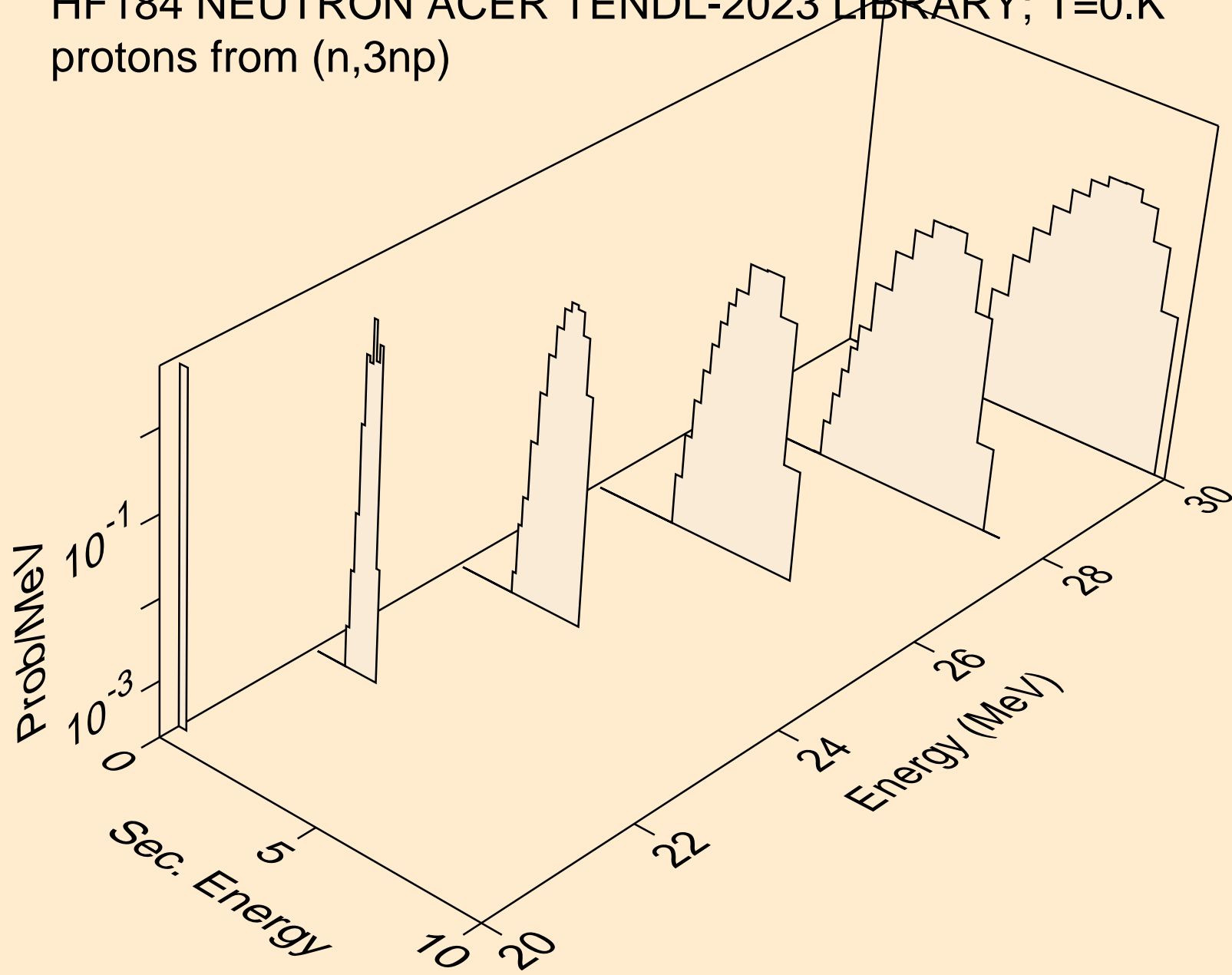


HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2np)

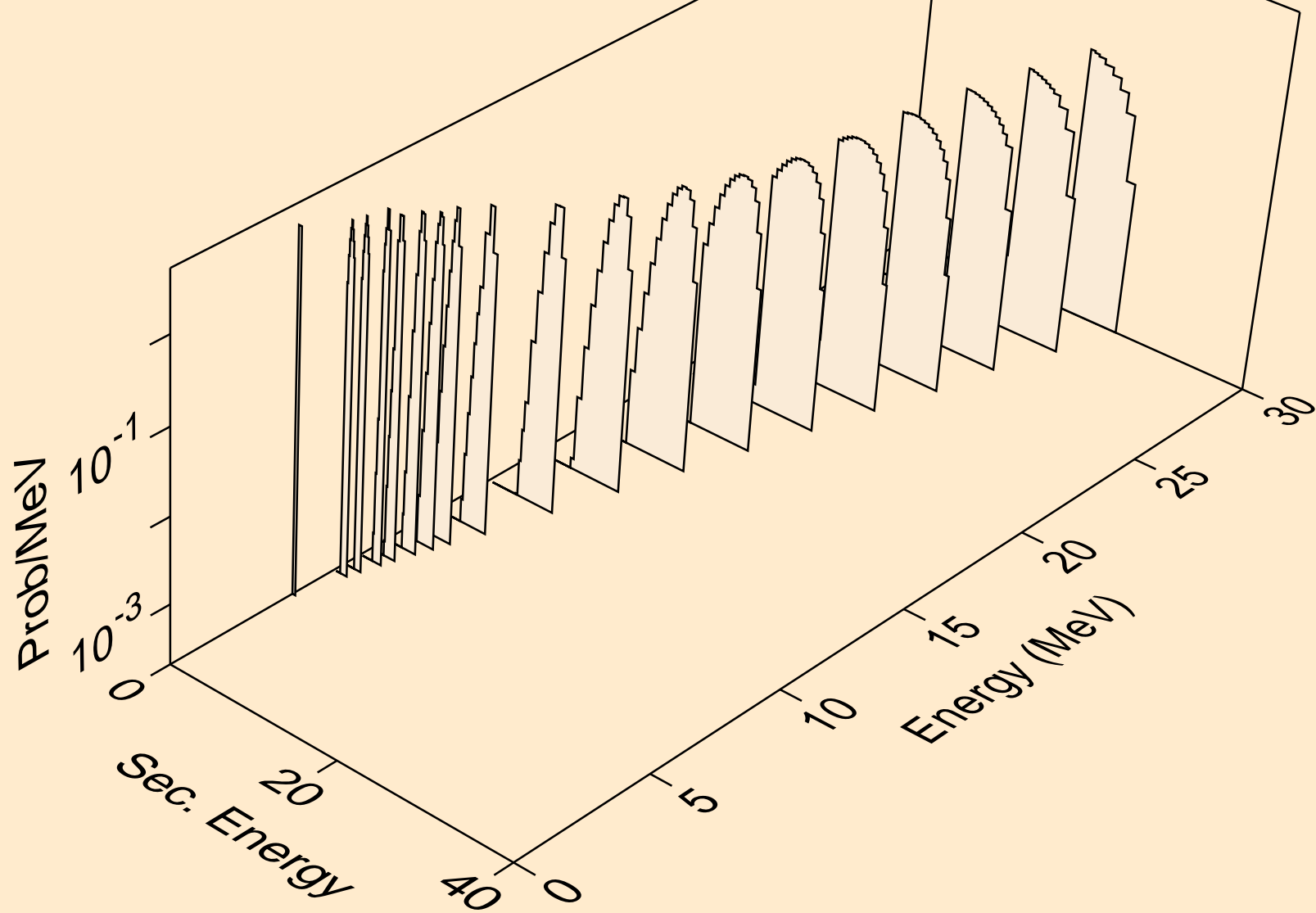




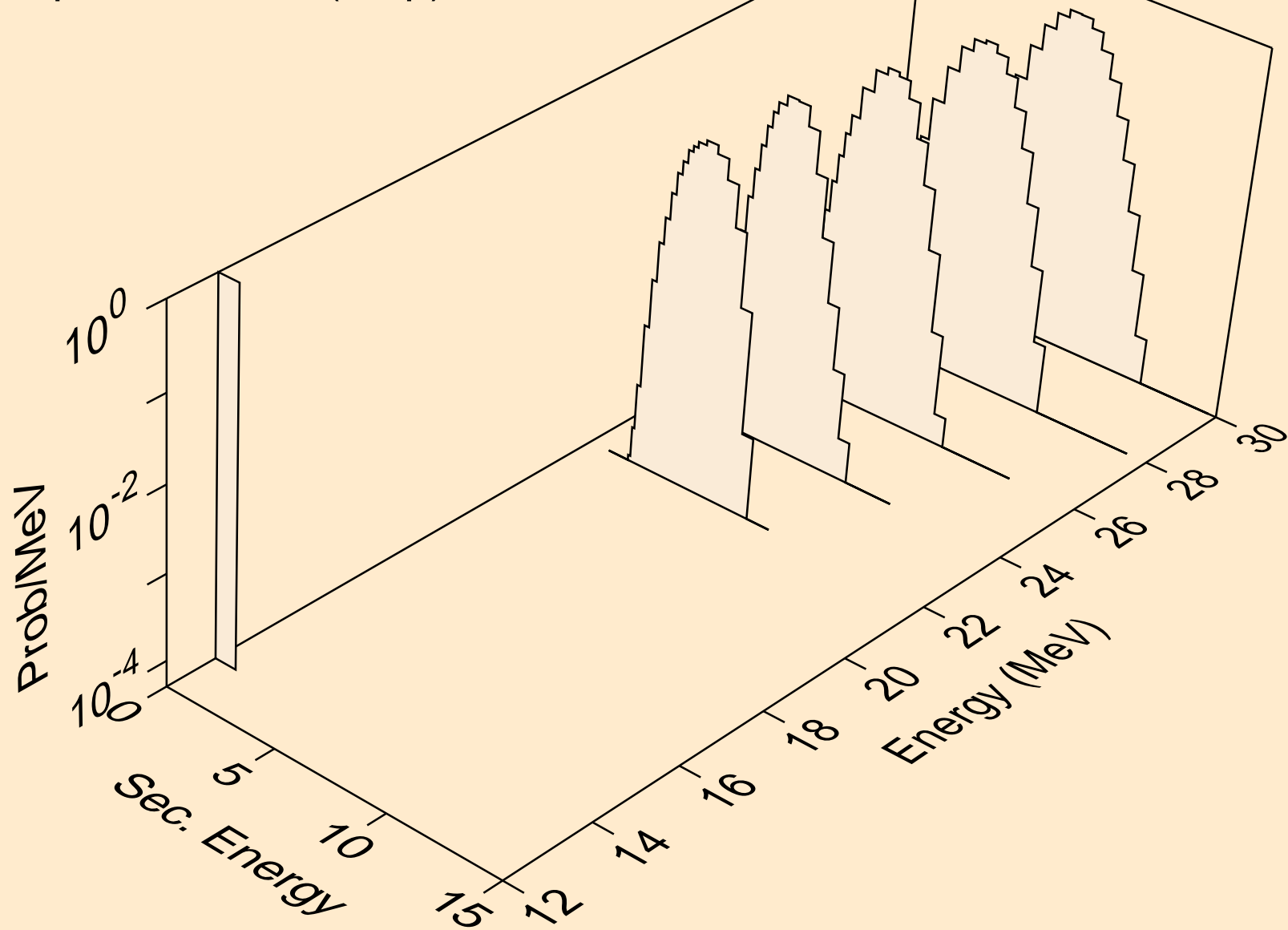
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protons from (n,3np)



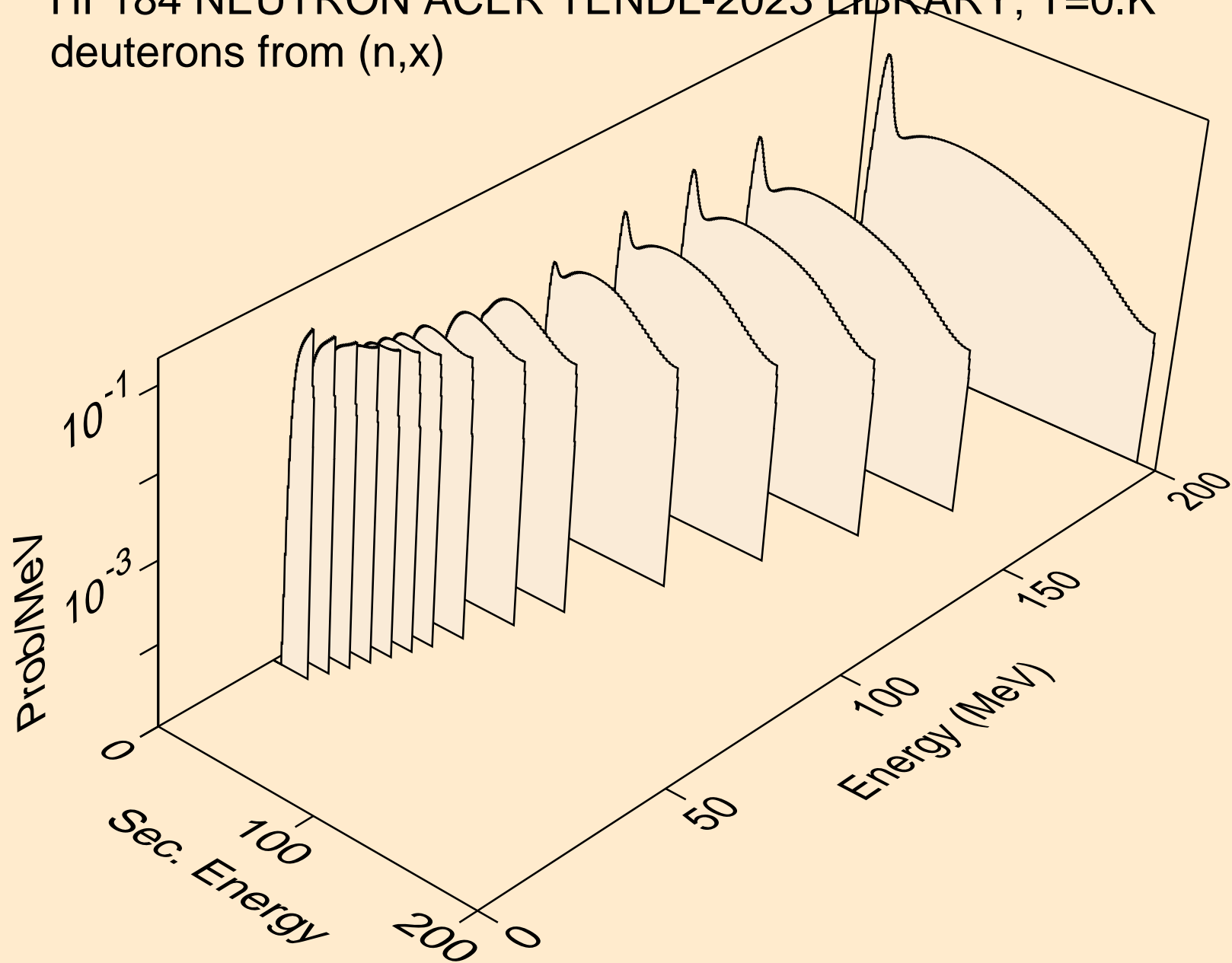
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protons from (n,p)



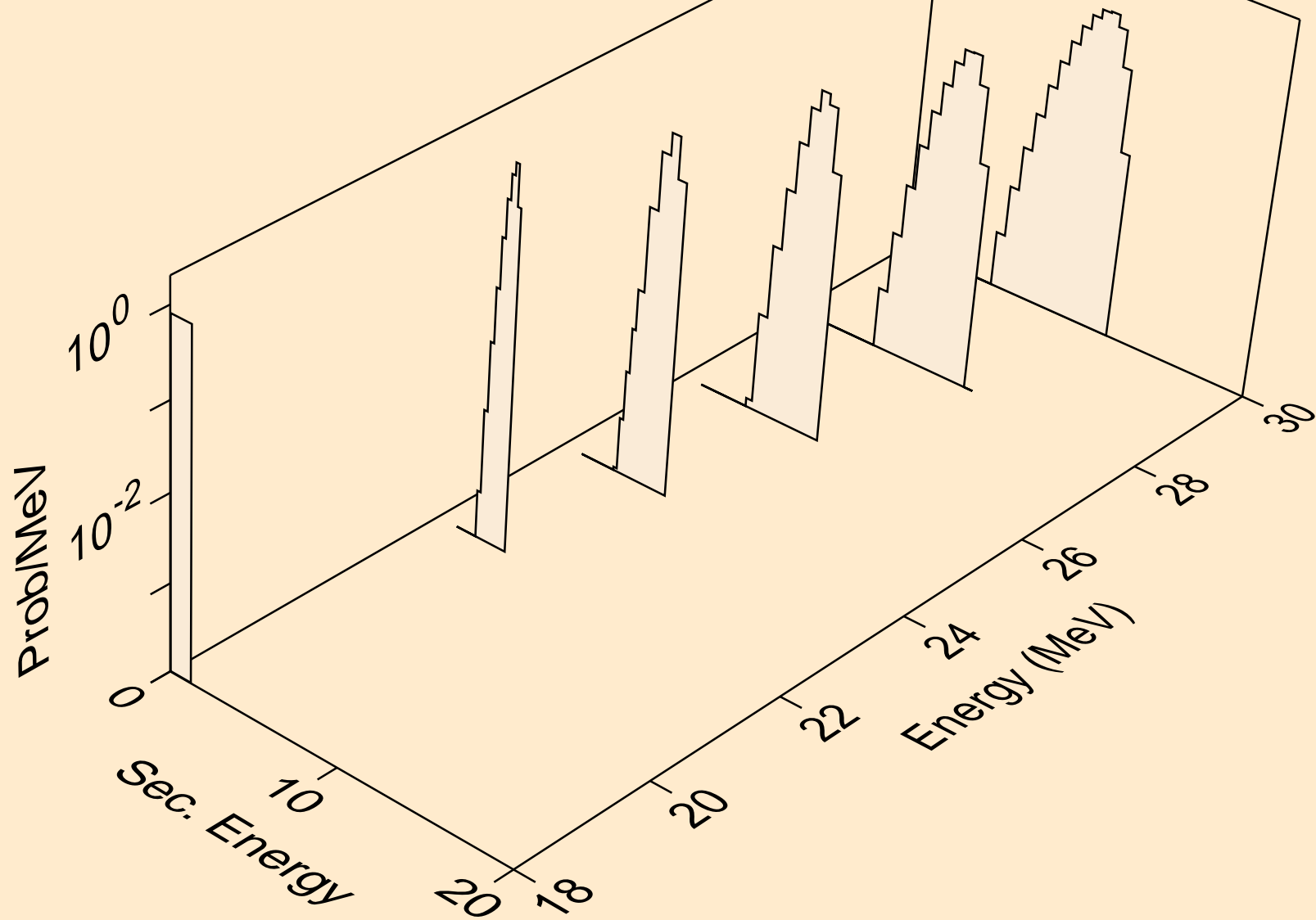
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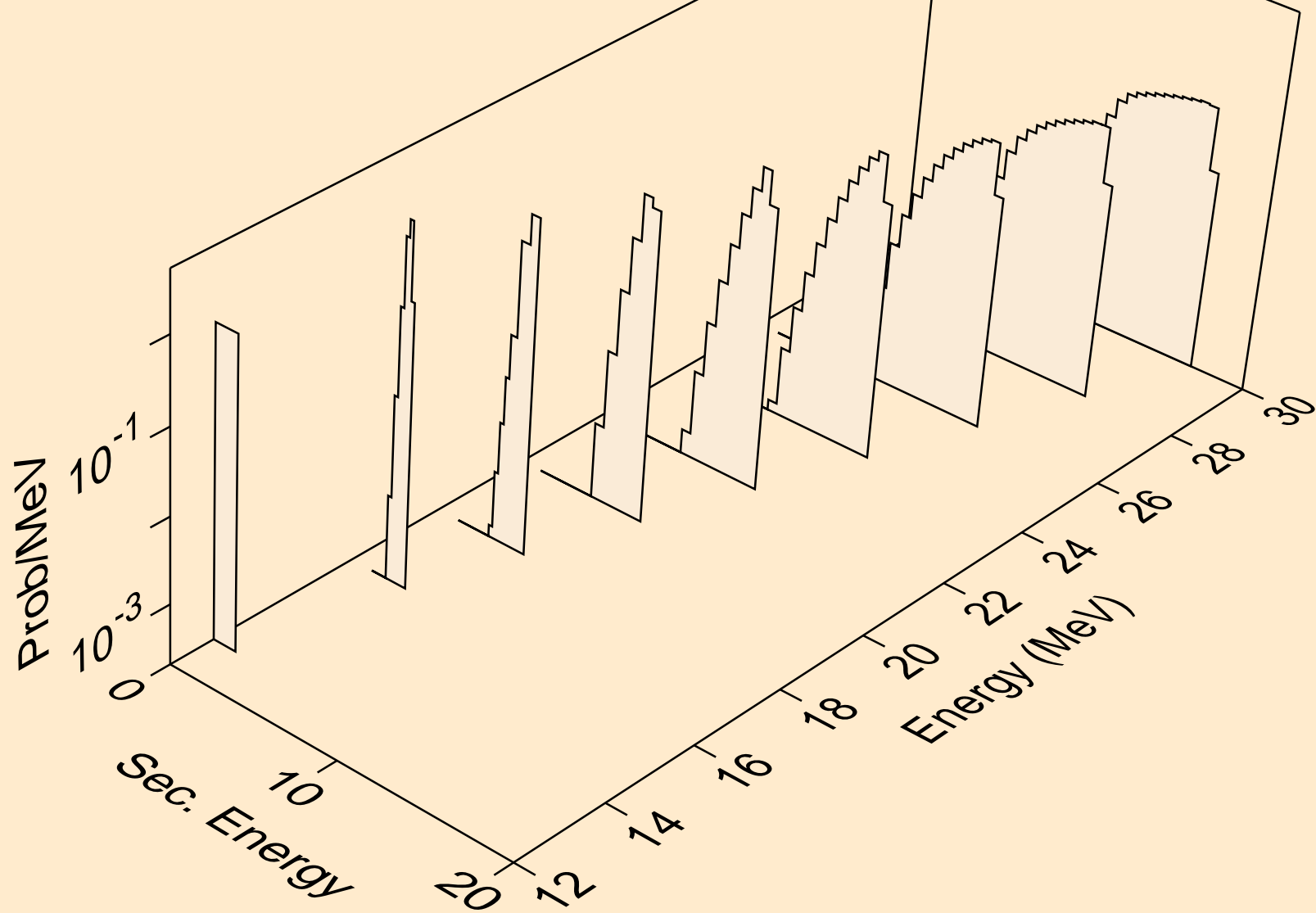
HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,x)



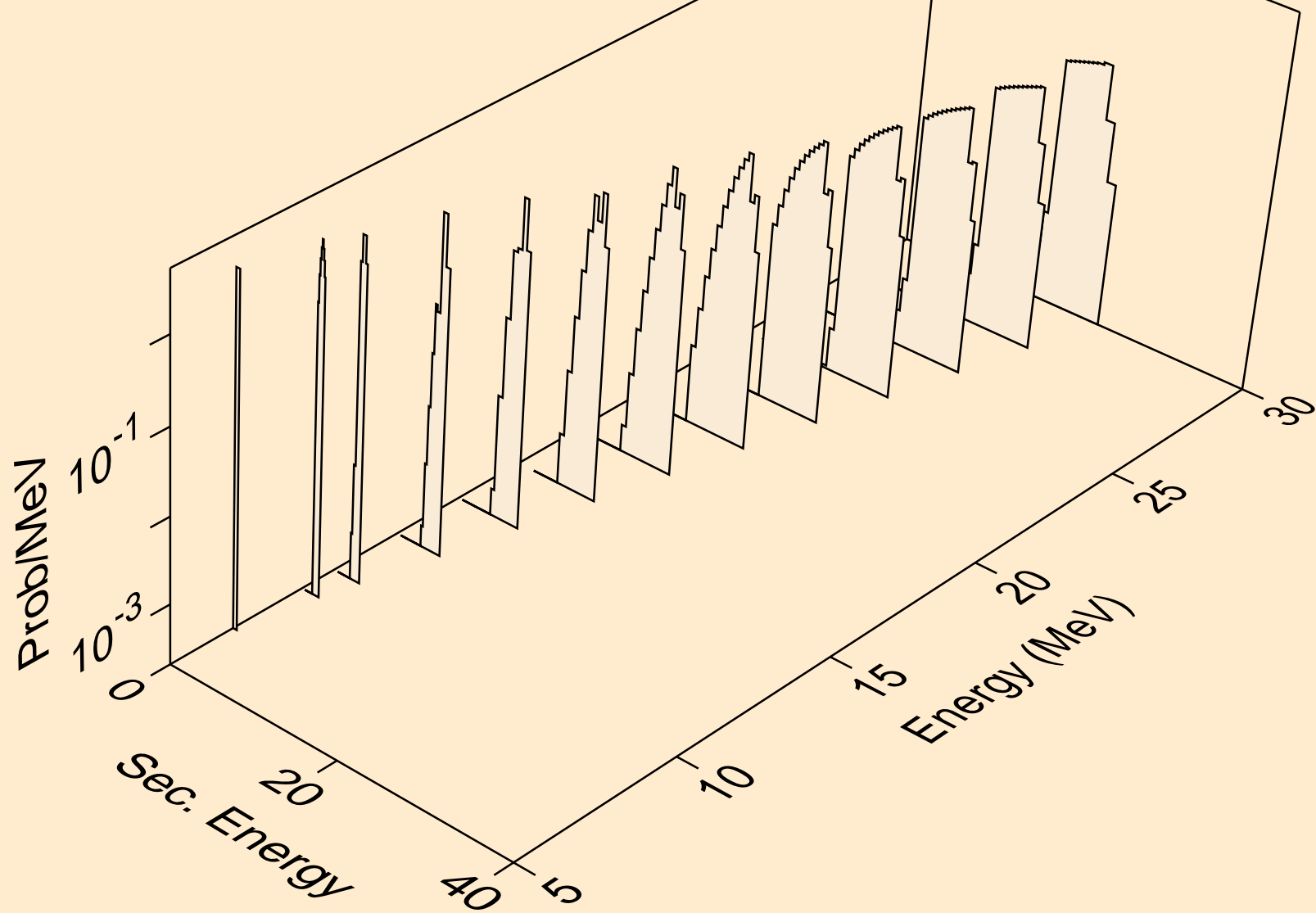
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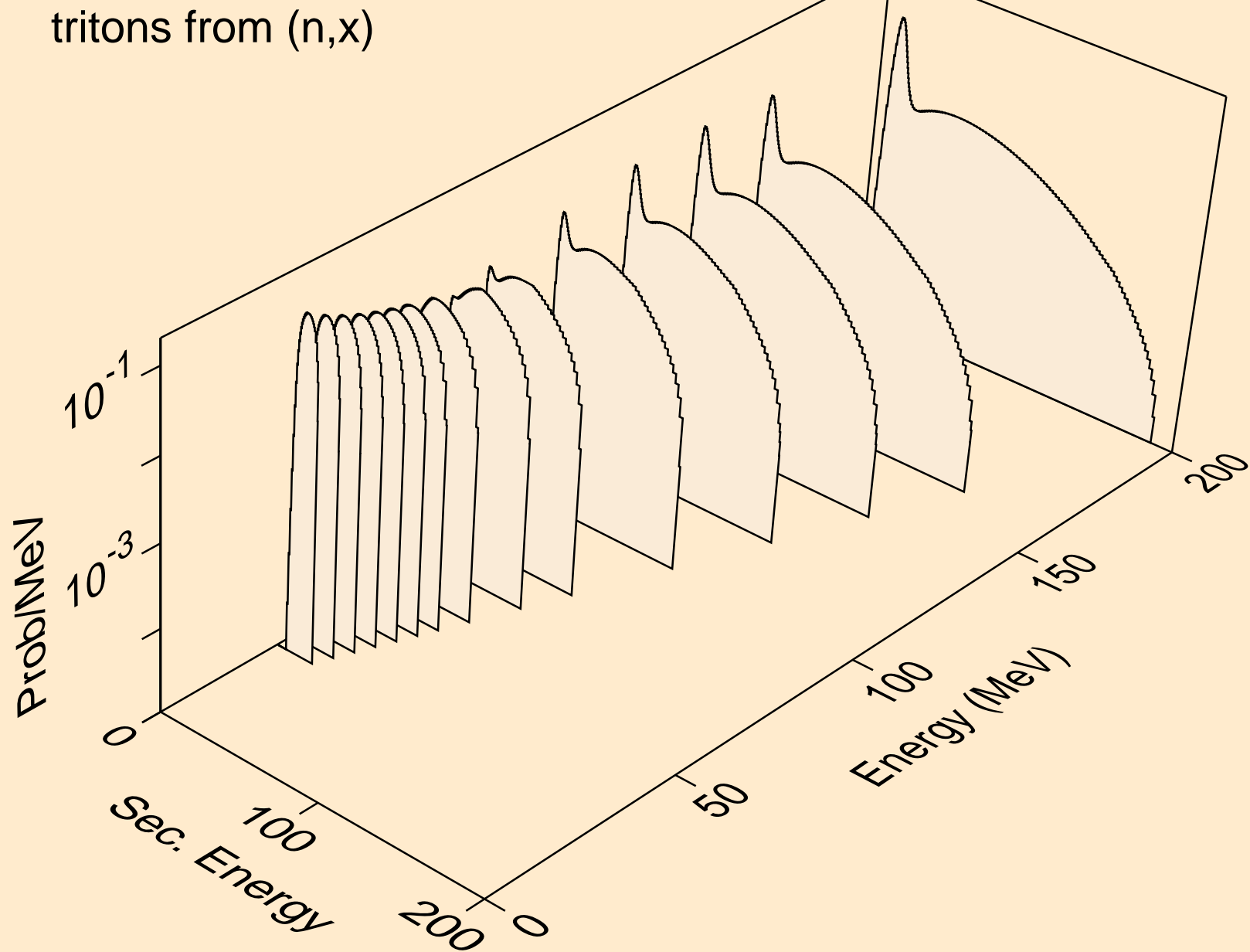
HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,n\*)d



HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,d)

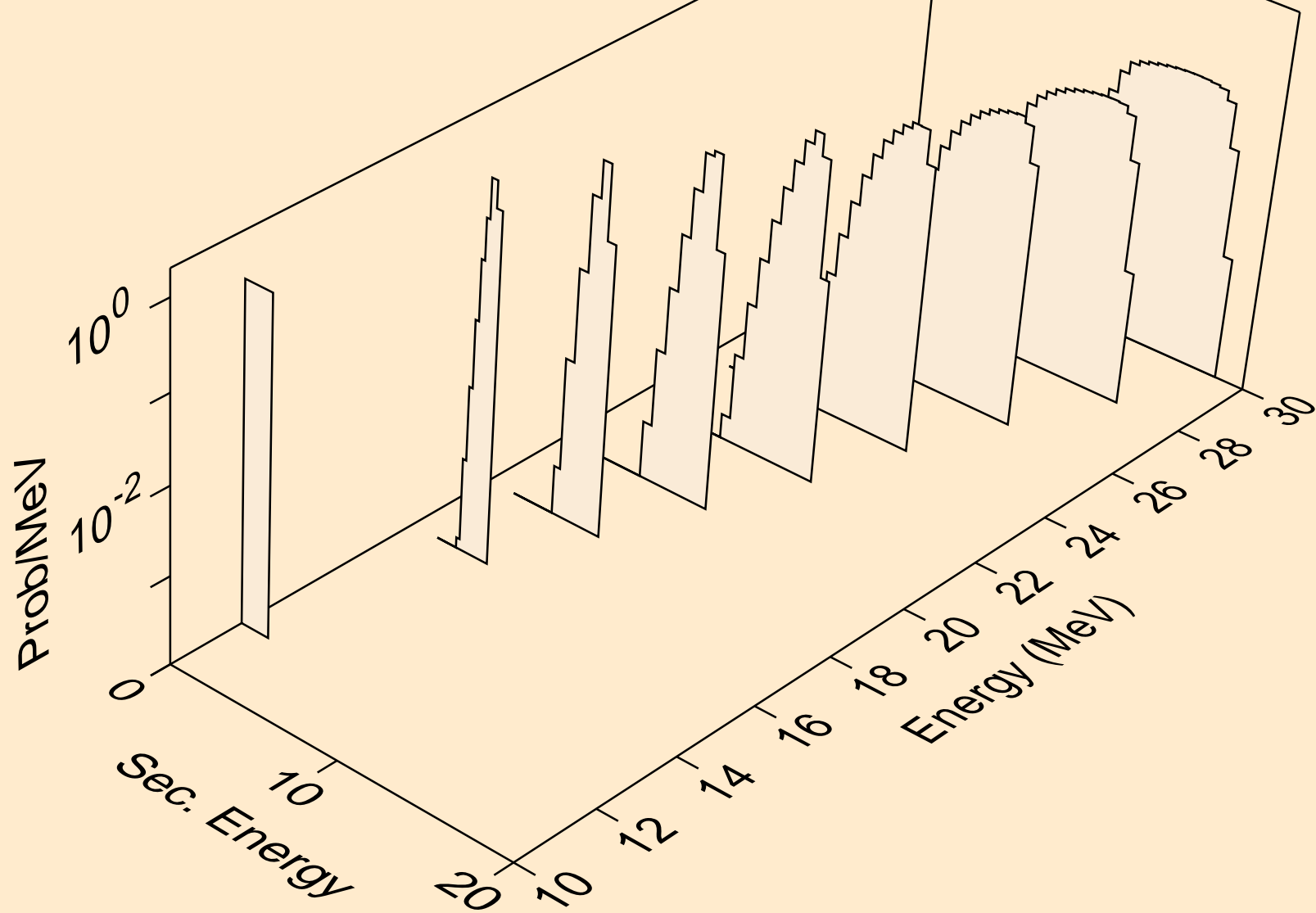


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tritons from (n,x)

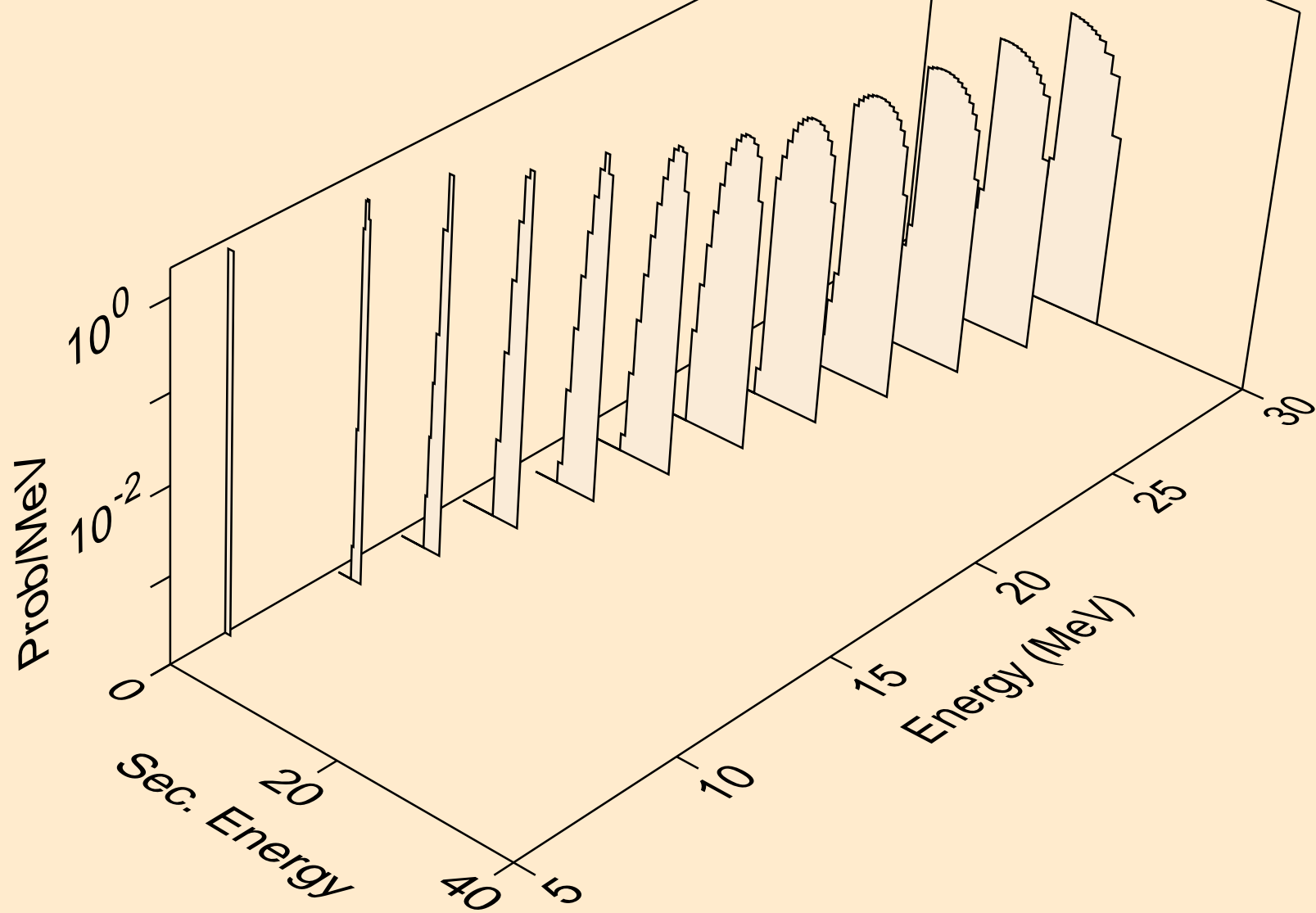




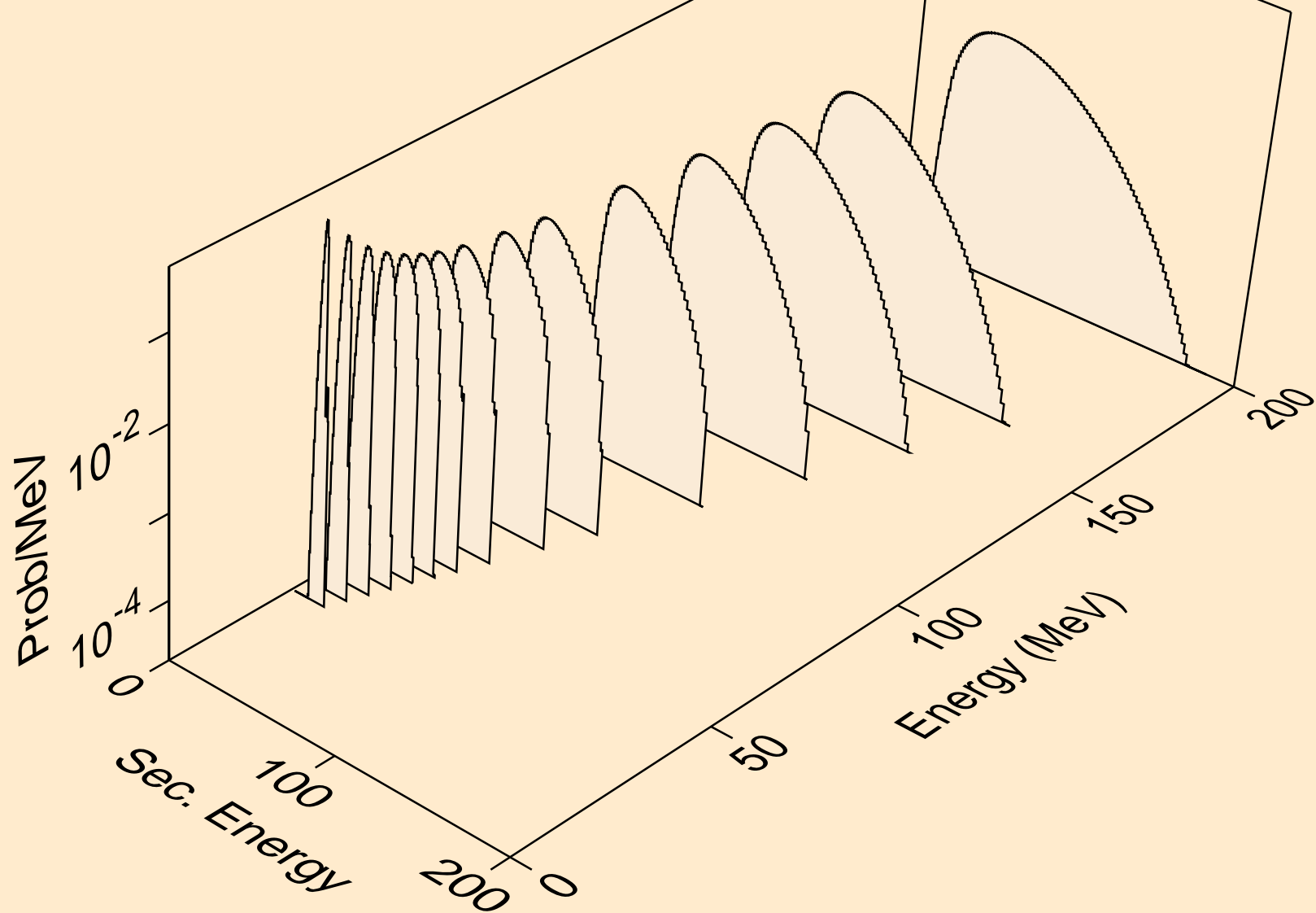
HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t



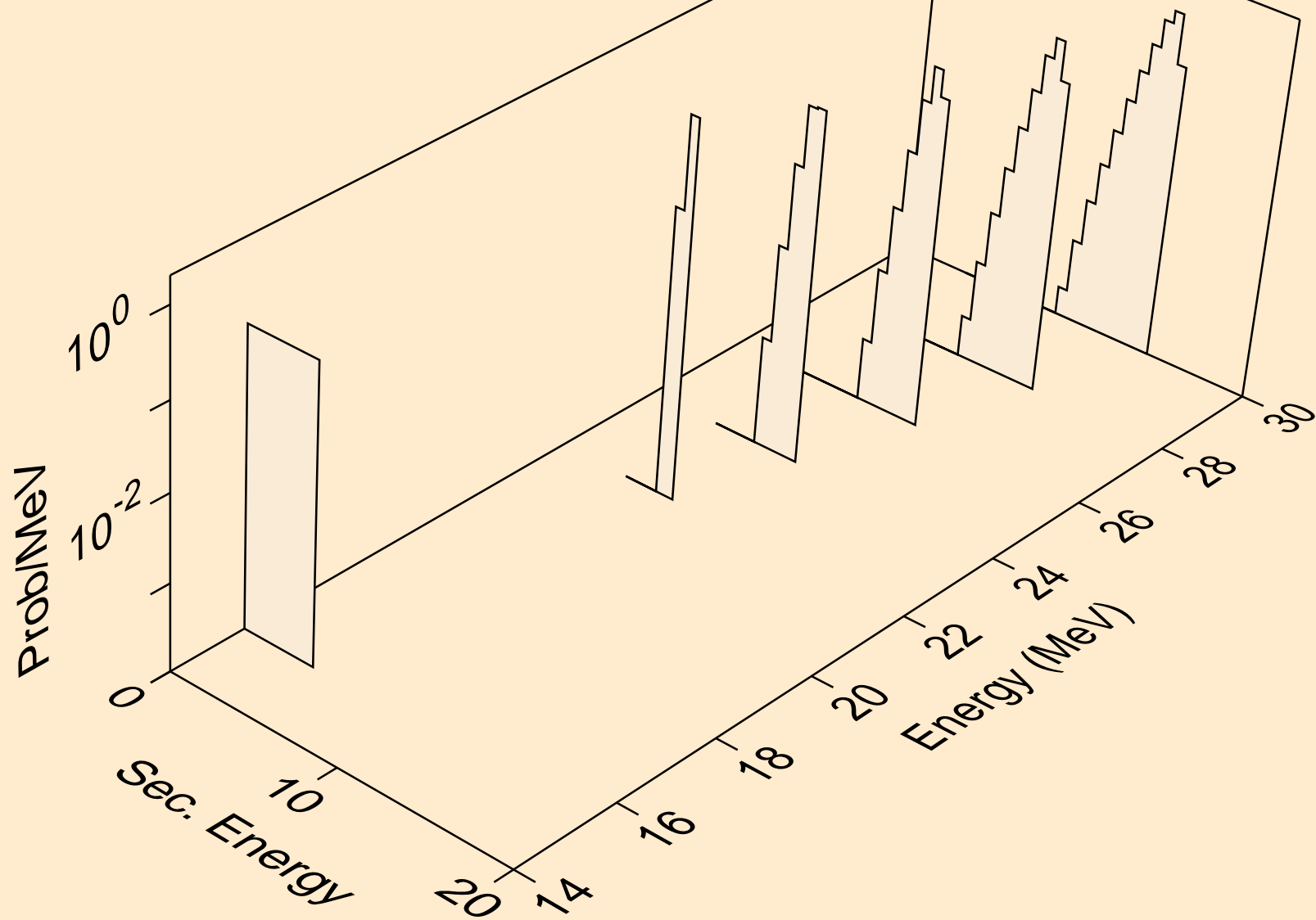
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tritons from (n,t)



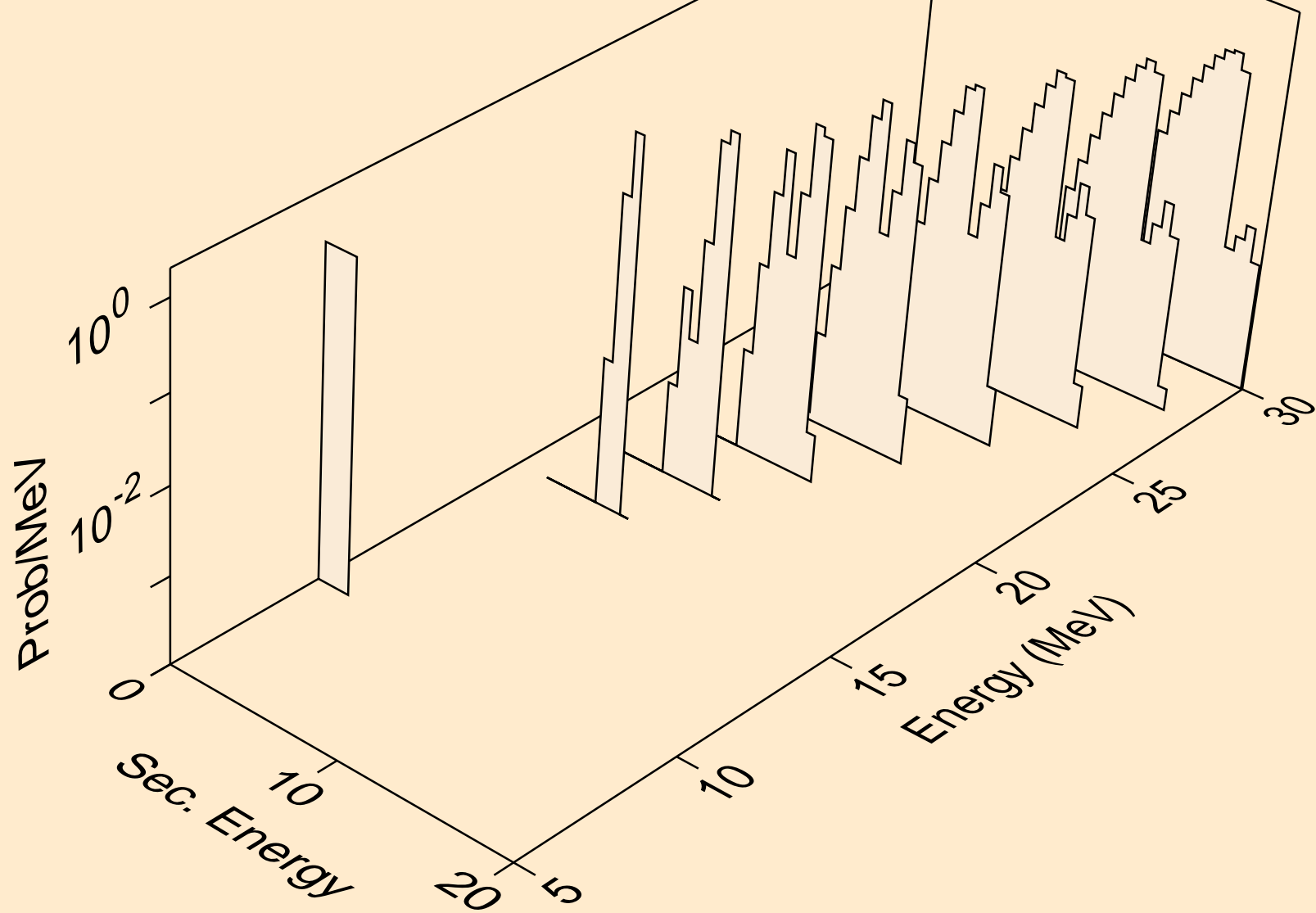
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he3s from (n,x)



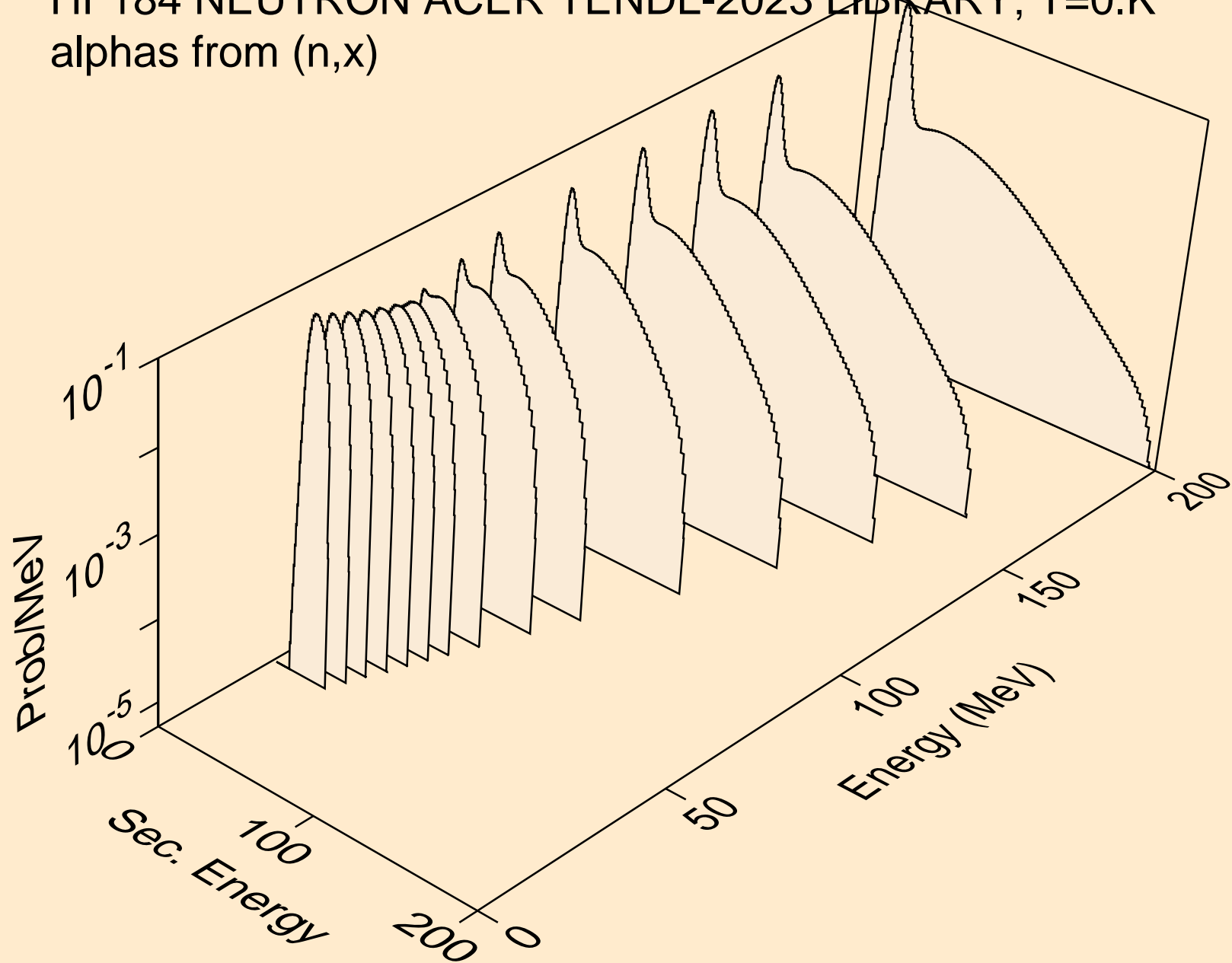
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he3s from (n,n\*)he3



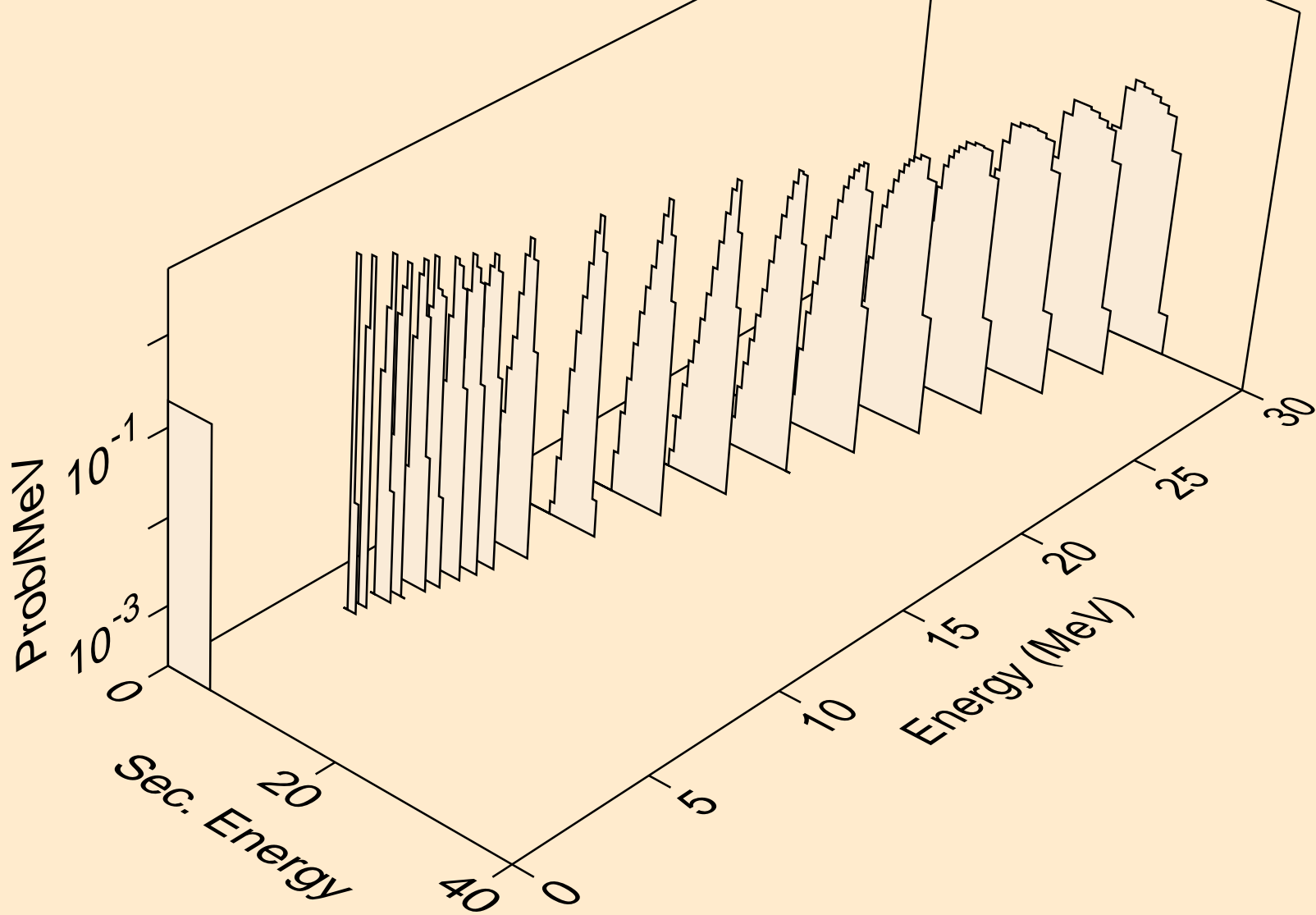
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he3s from (n,he3)



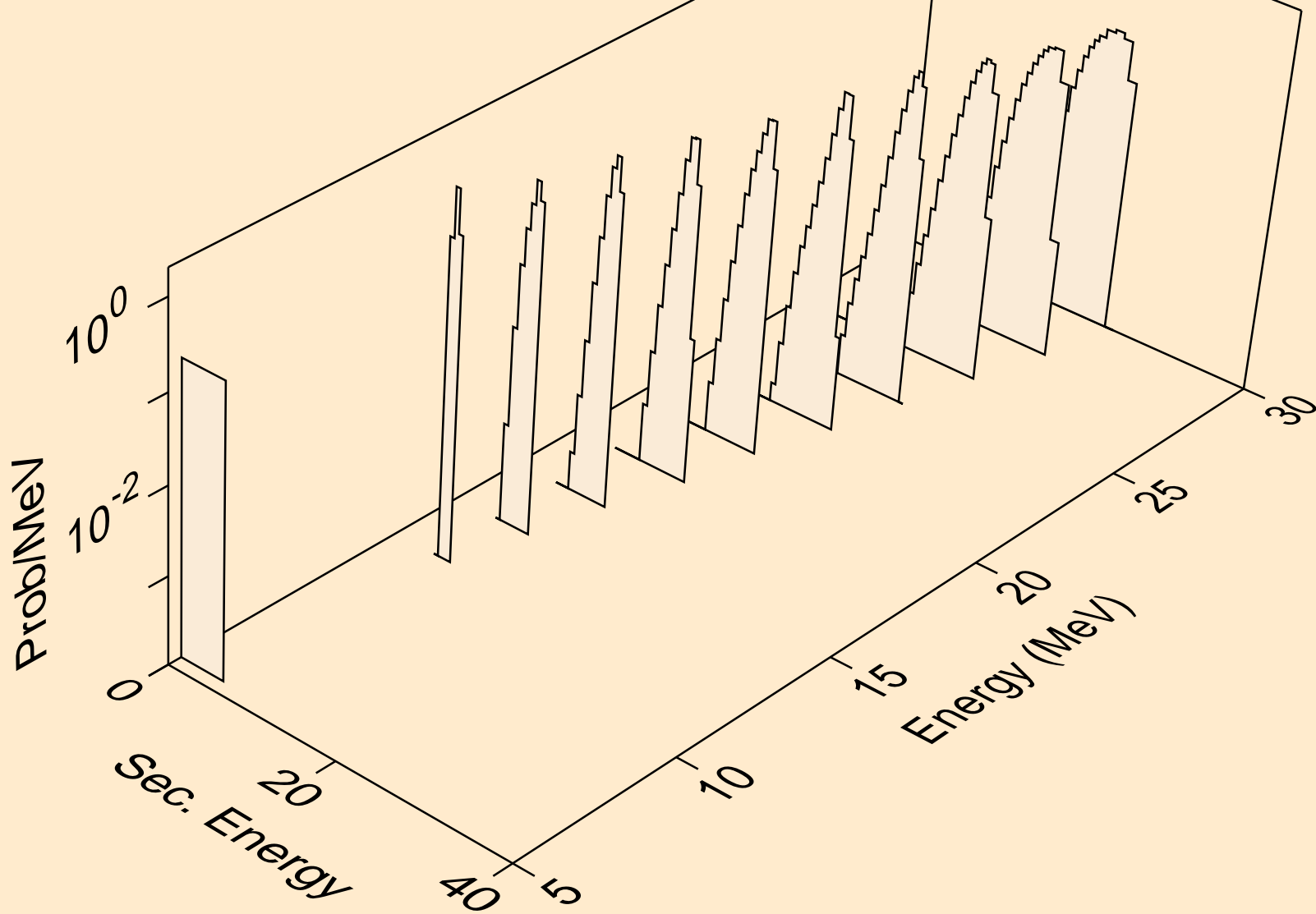
HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a

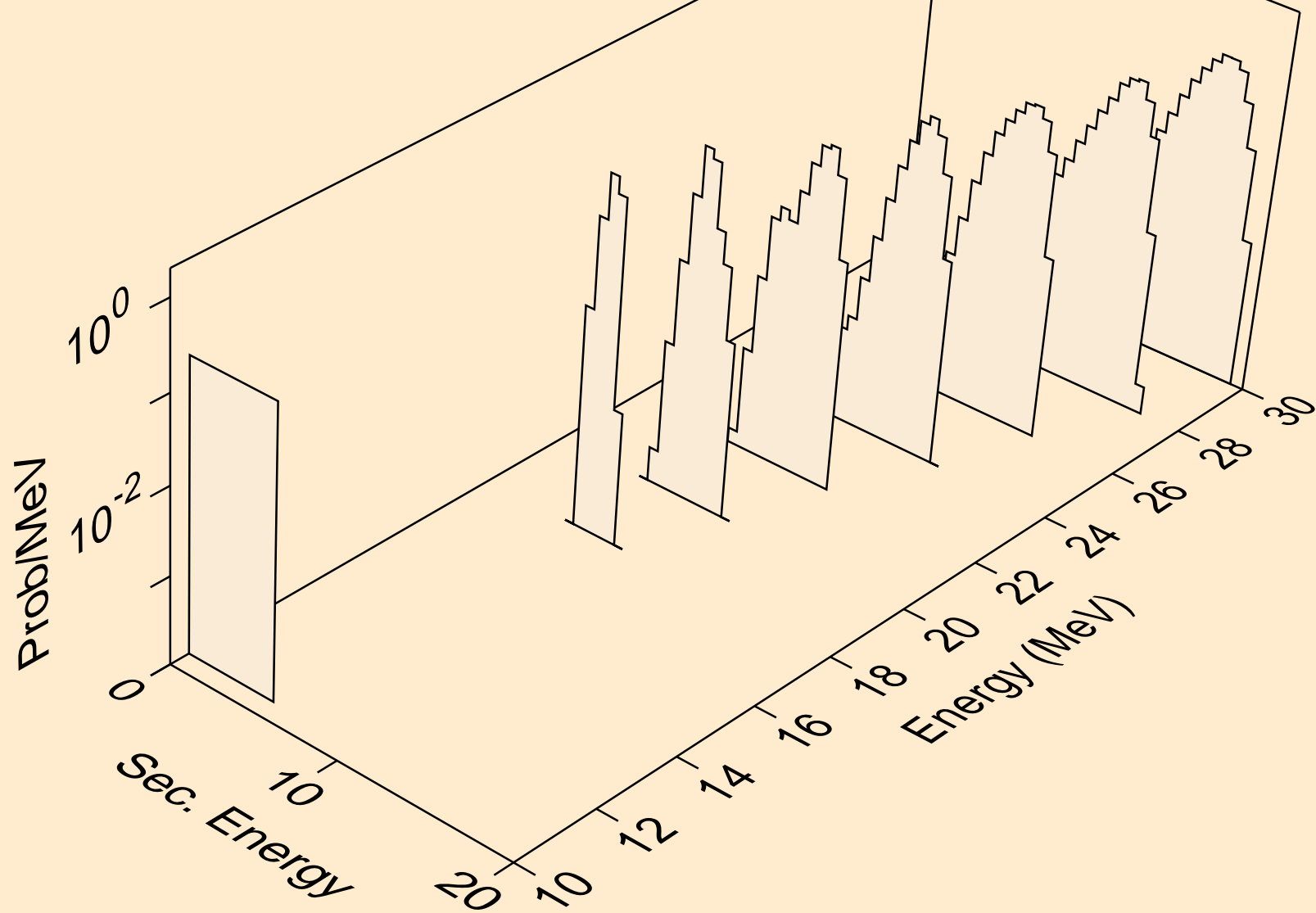


HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a





HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3n)a



HF184 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)

