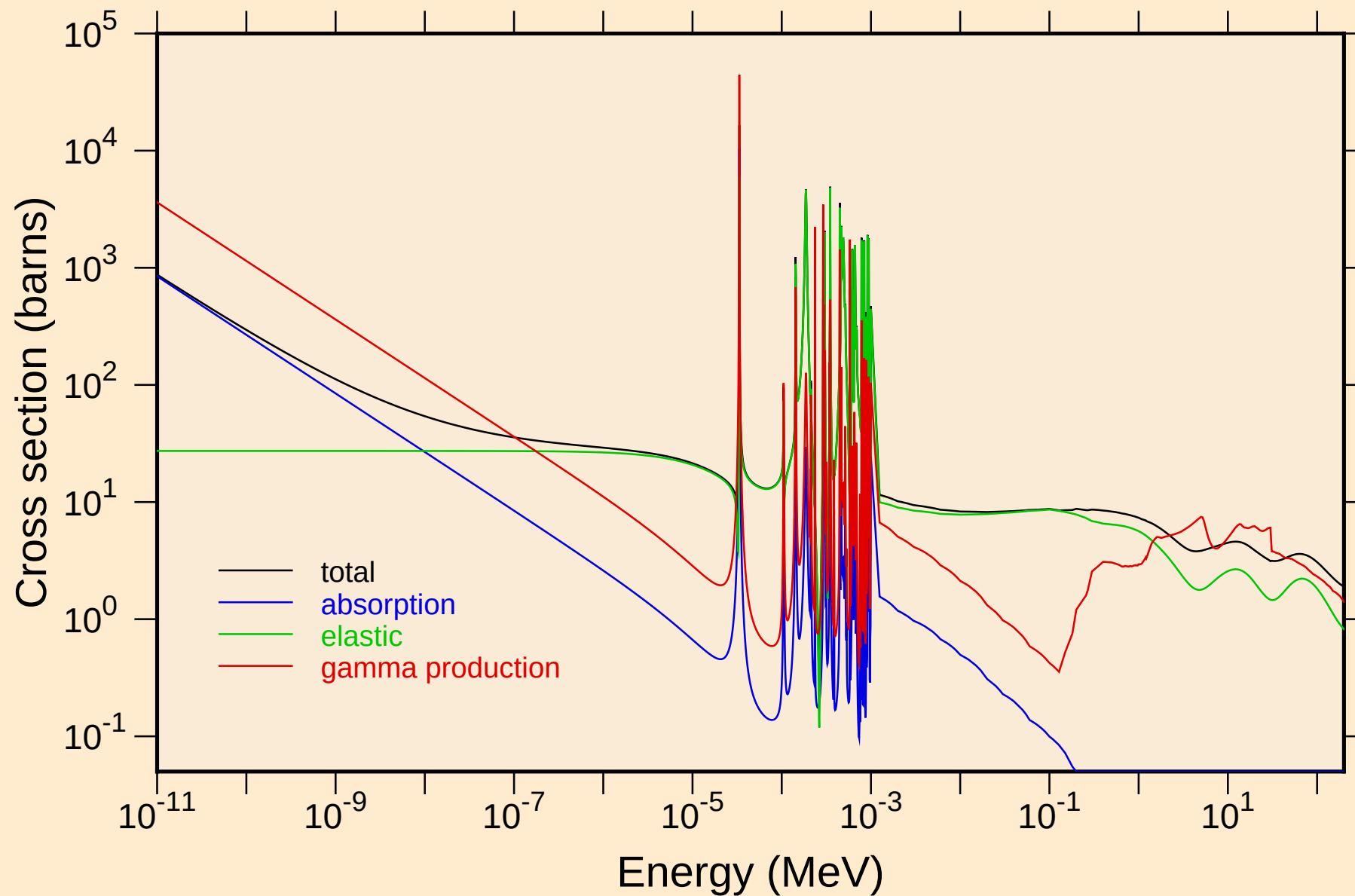
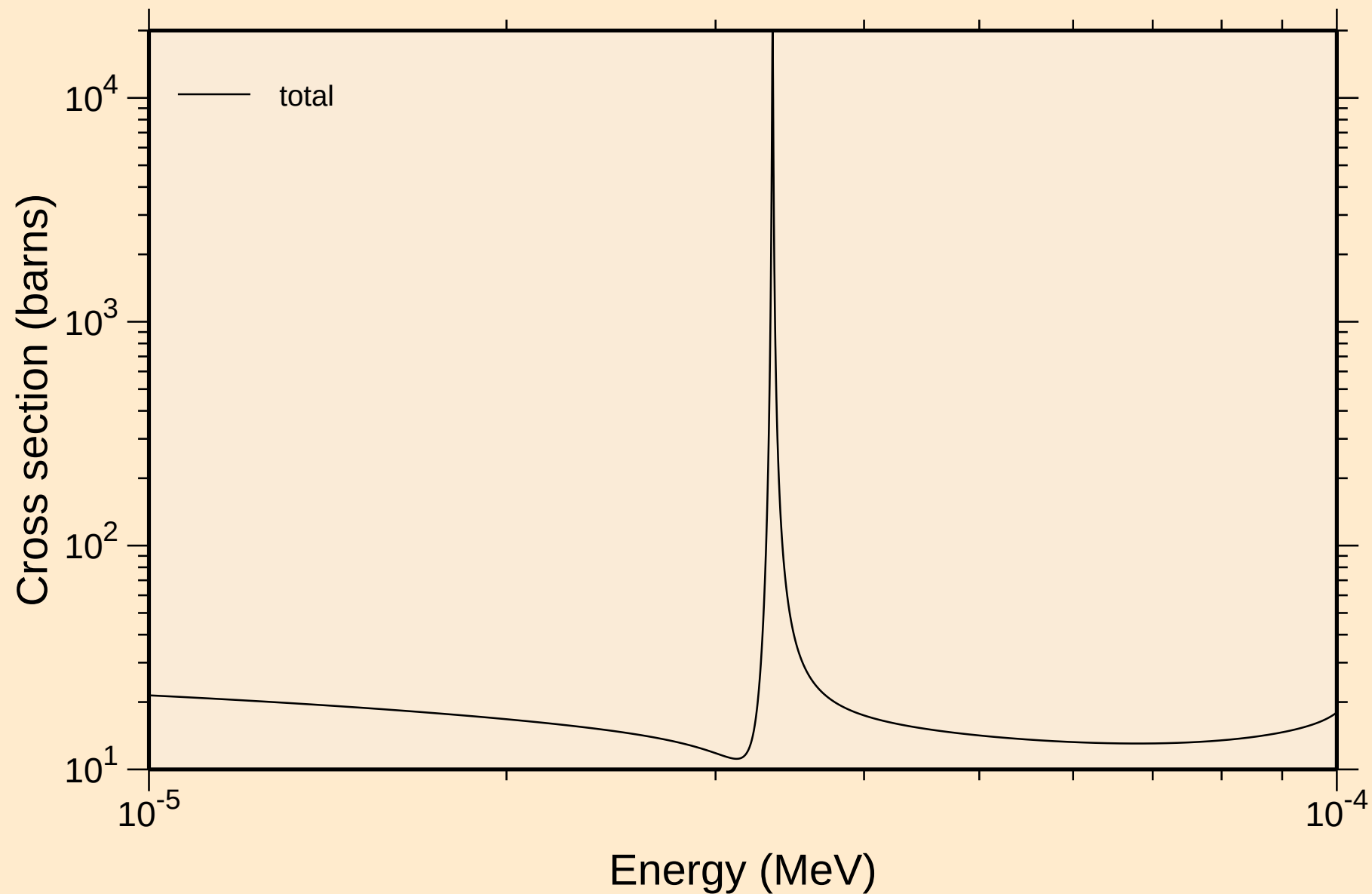


# RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

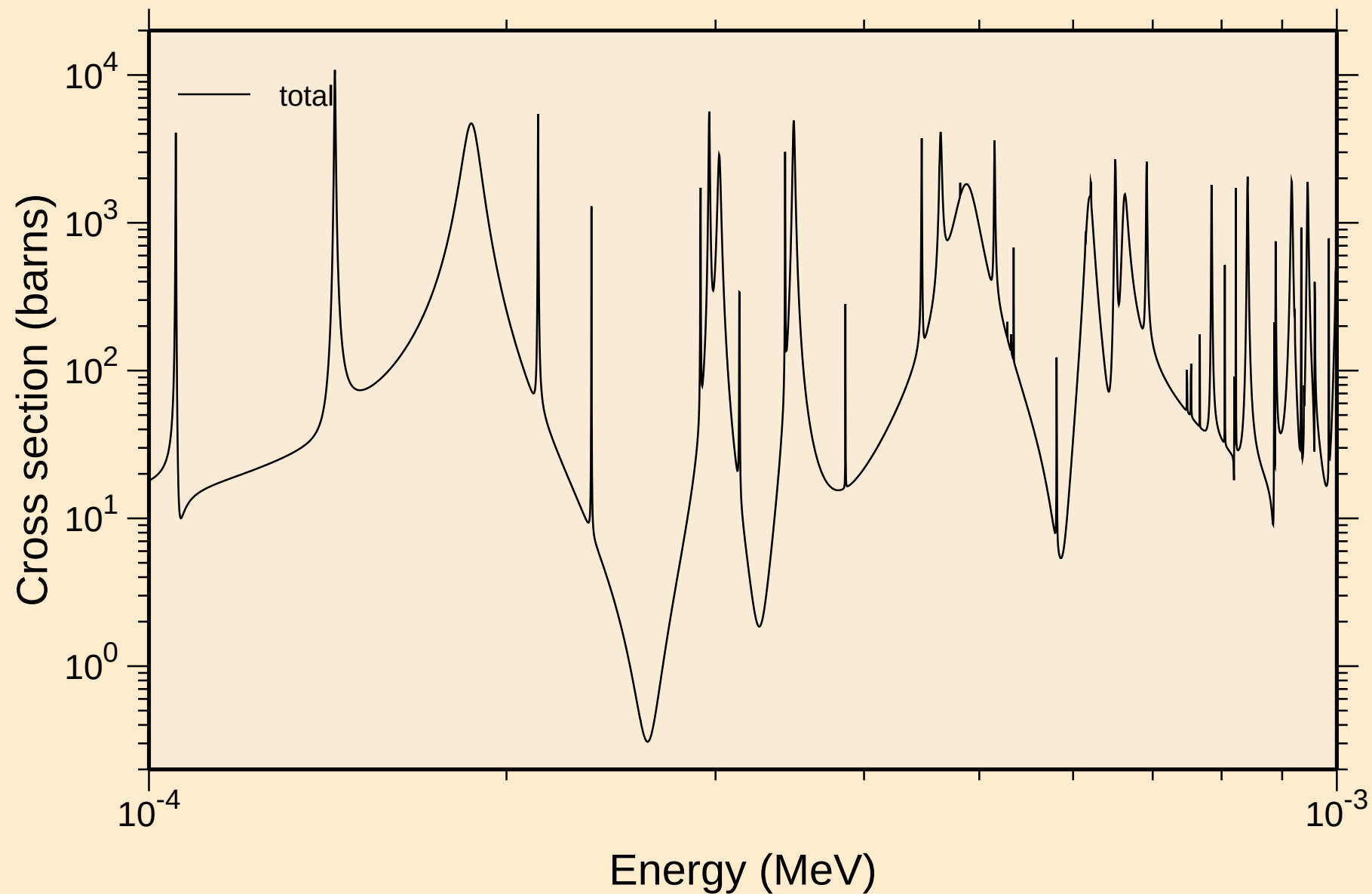
## Principal cross sections



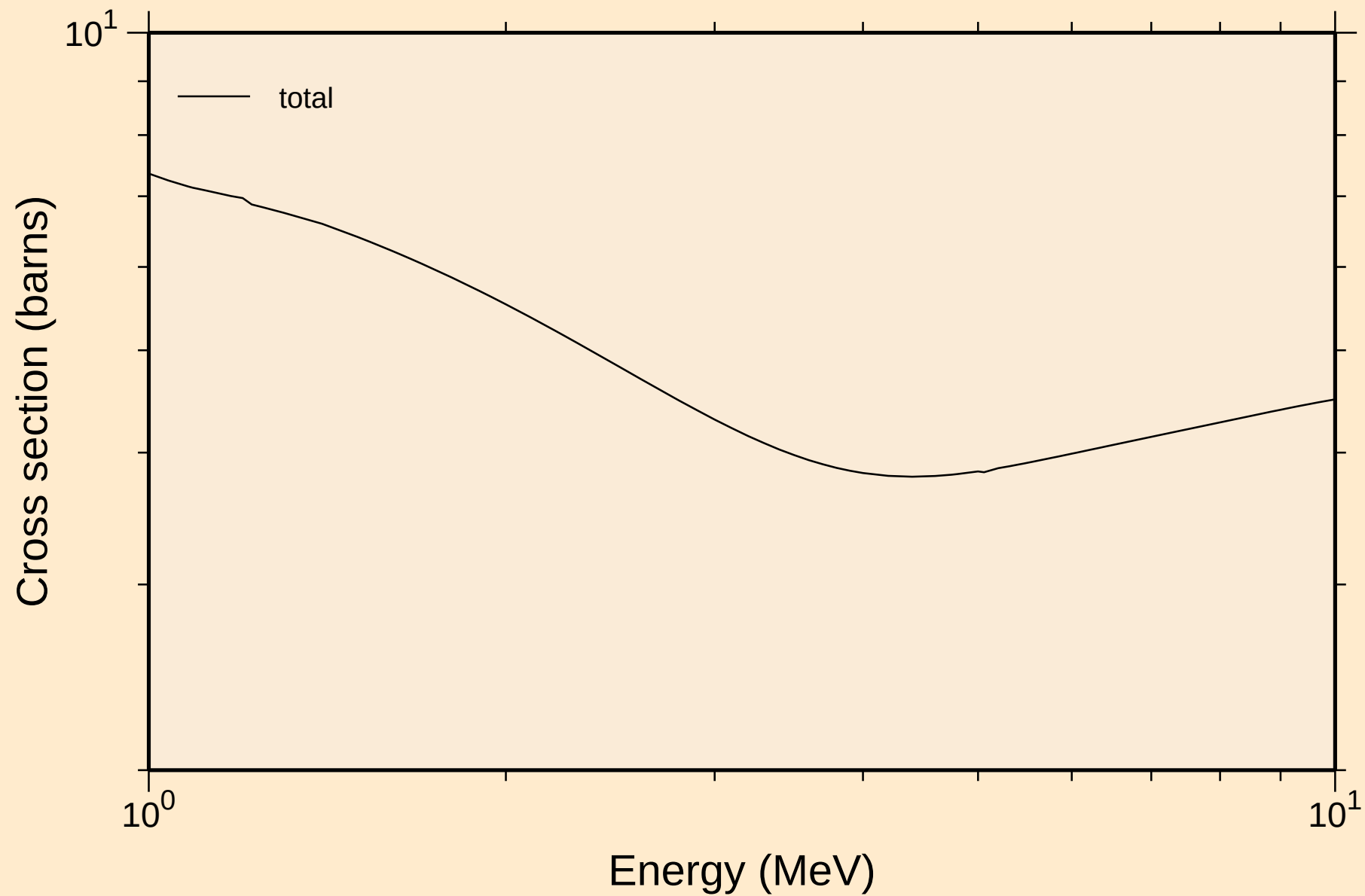
RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



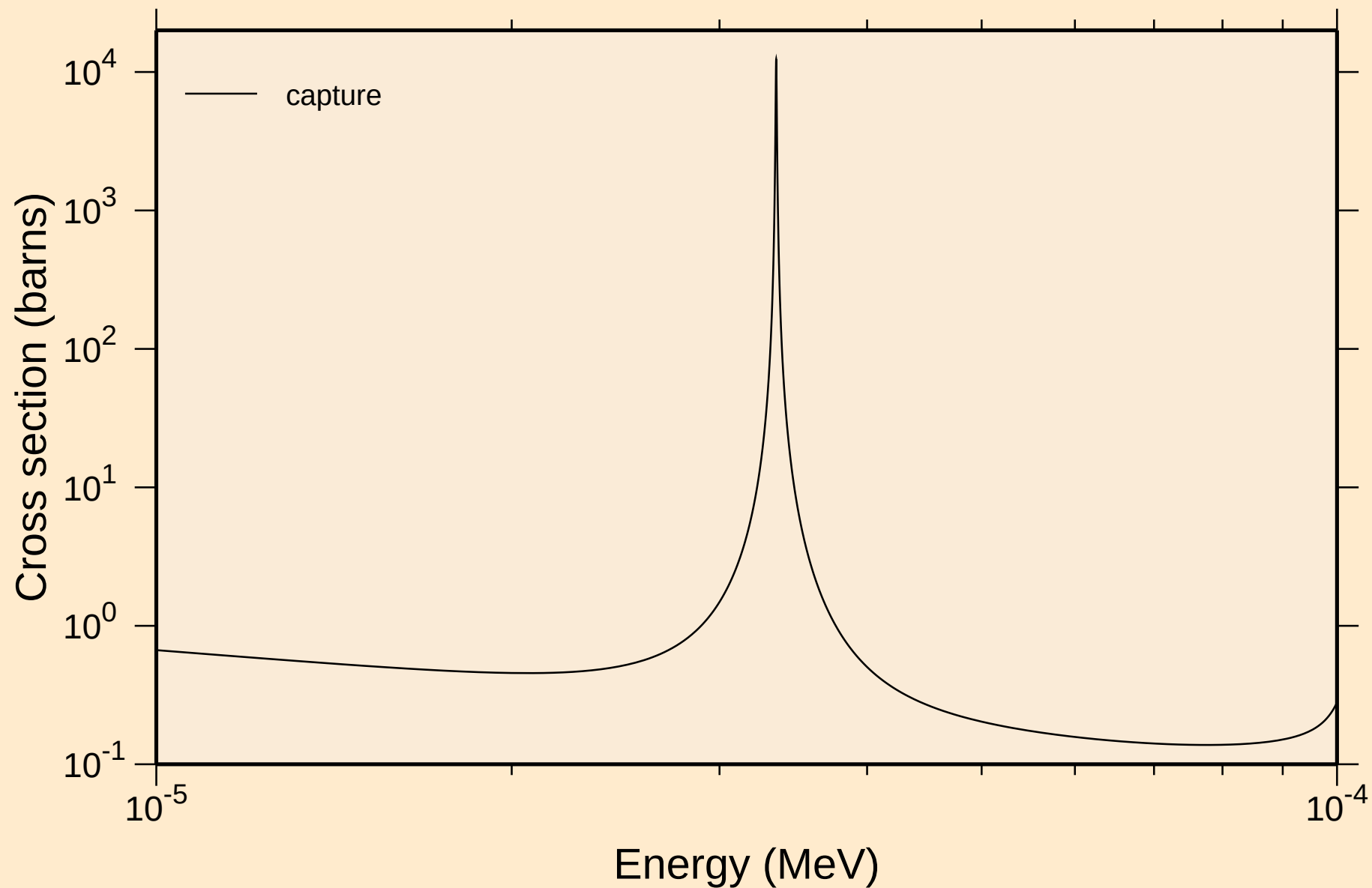
RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



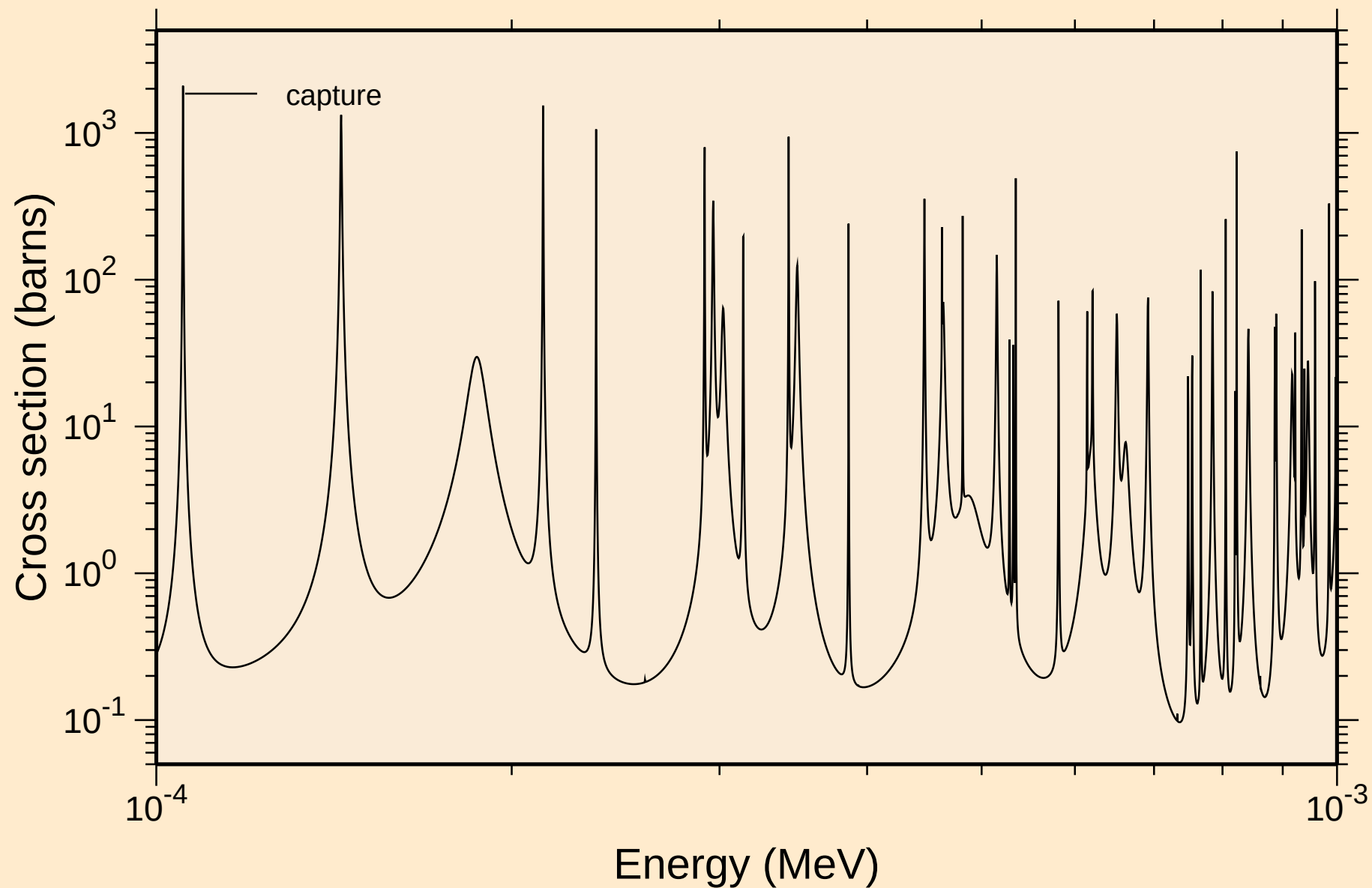
RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



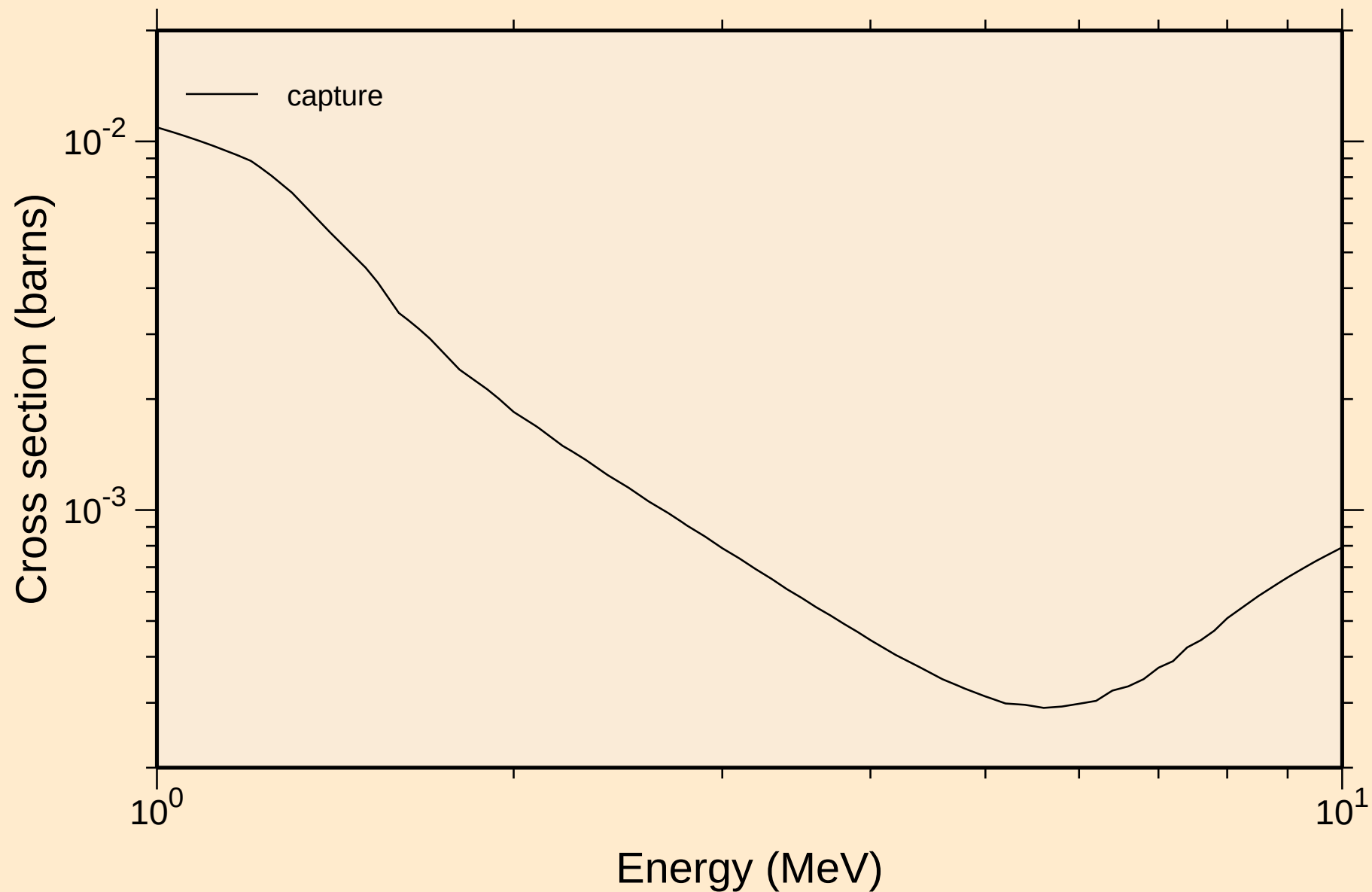
RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

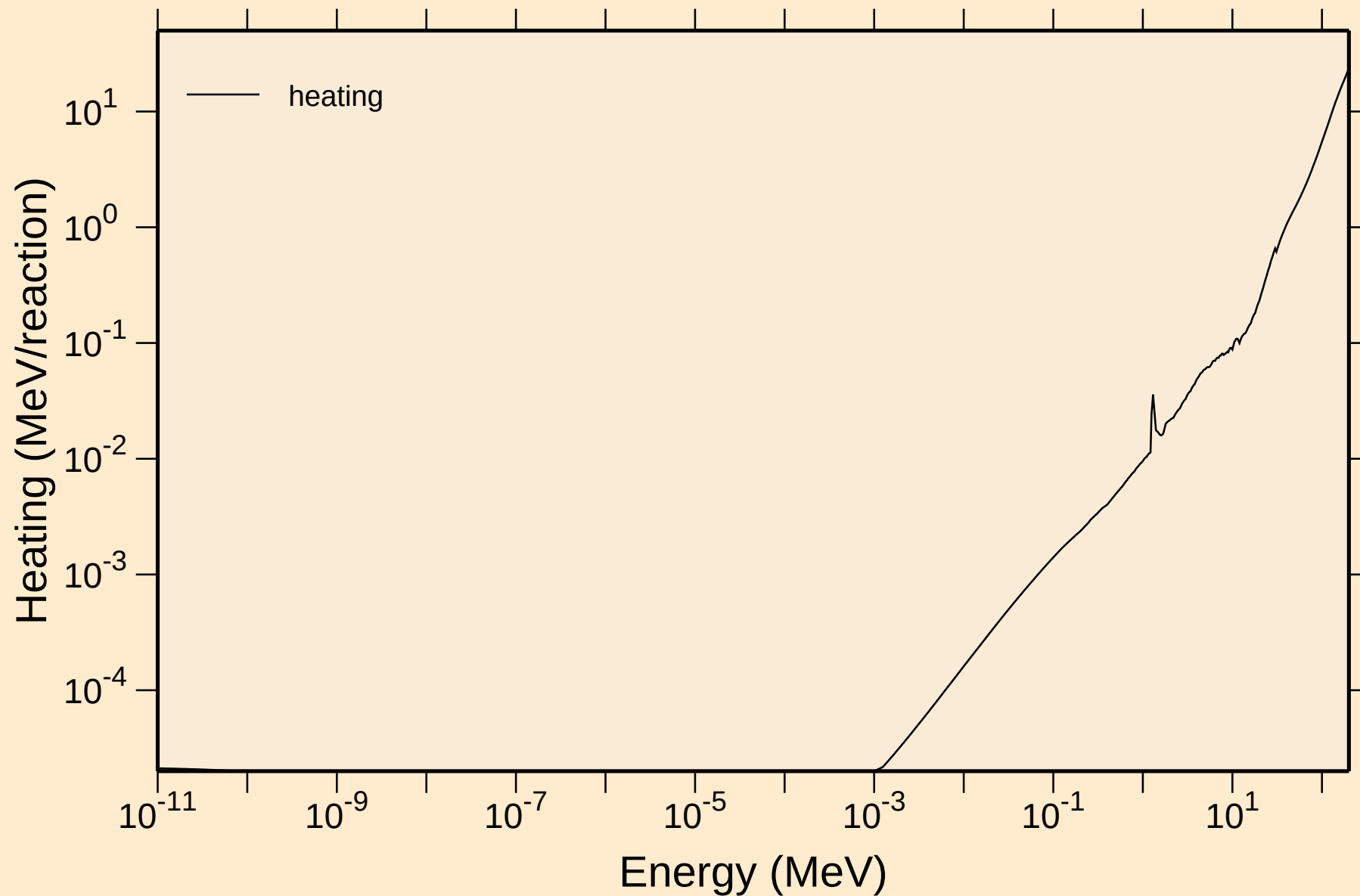


RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



# RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

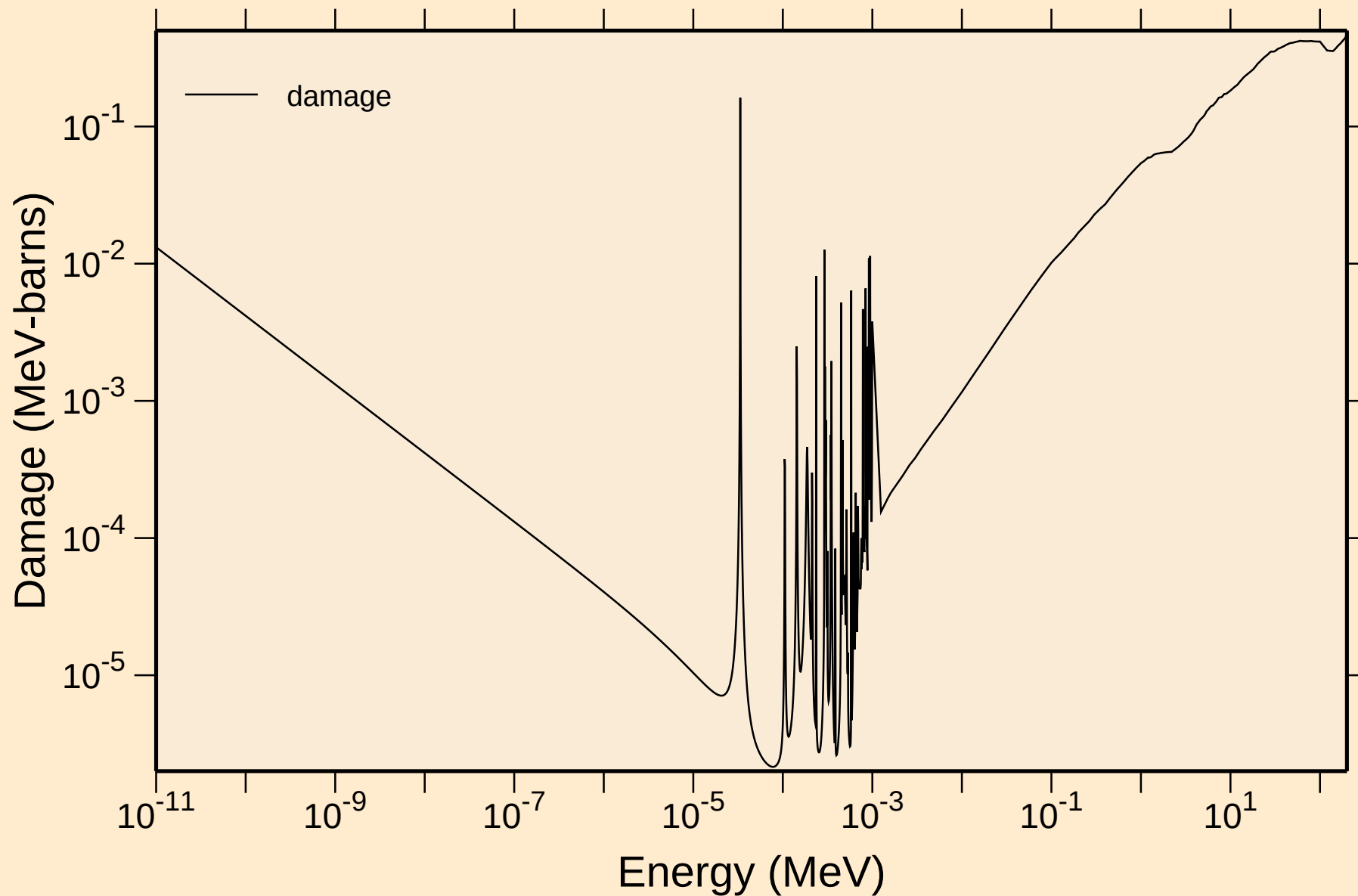
Heating



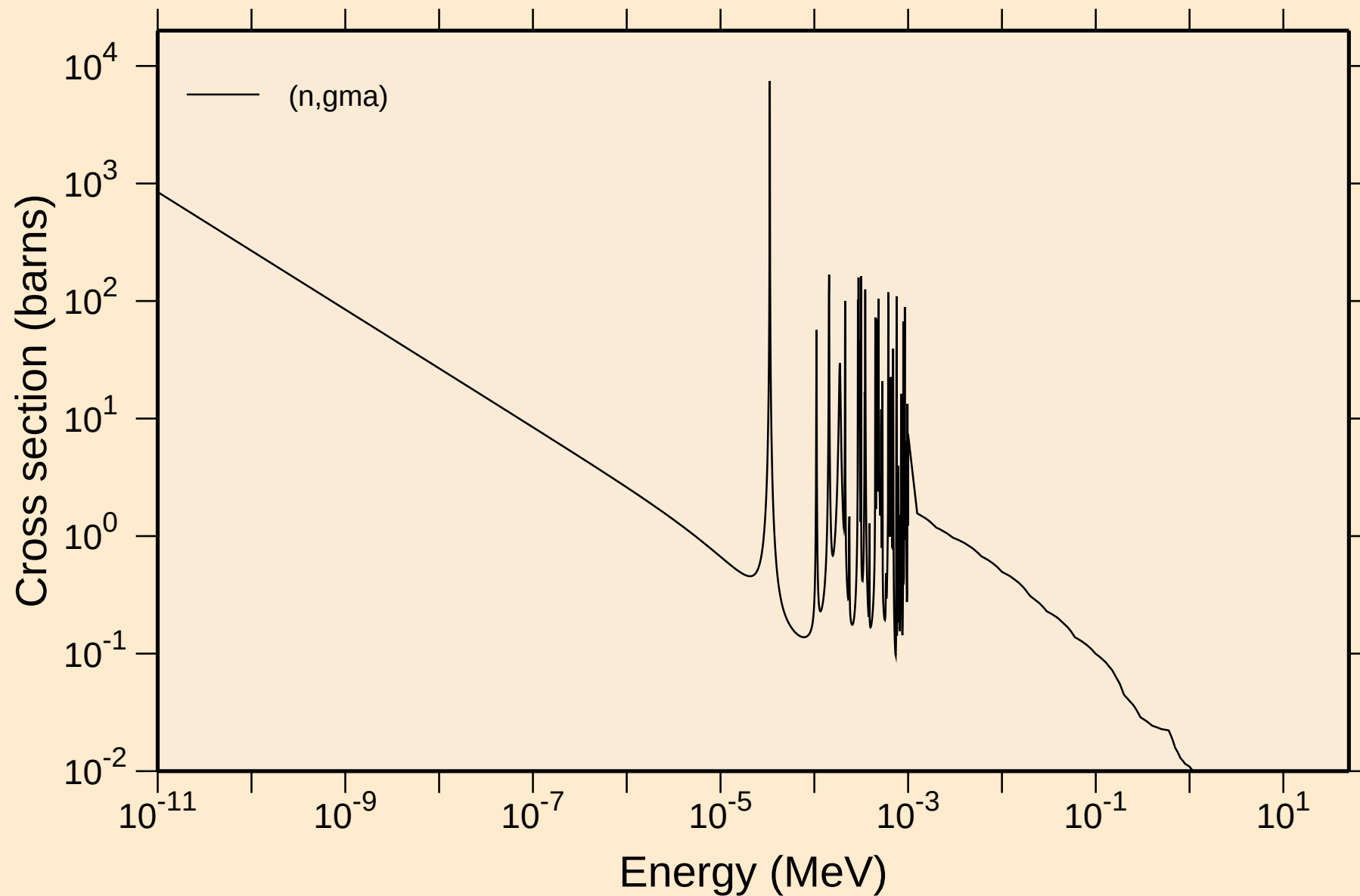


# RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Damage

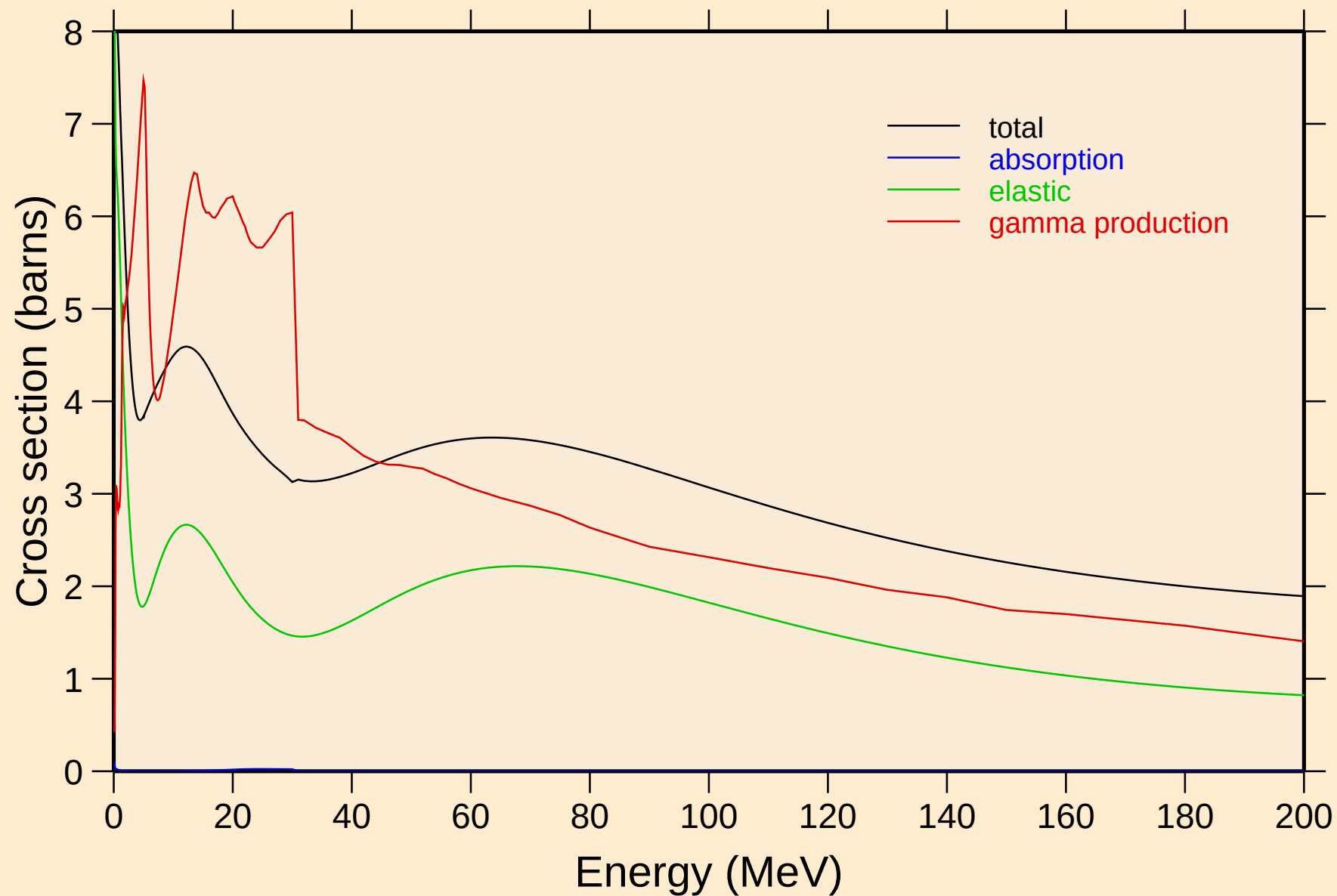


RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



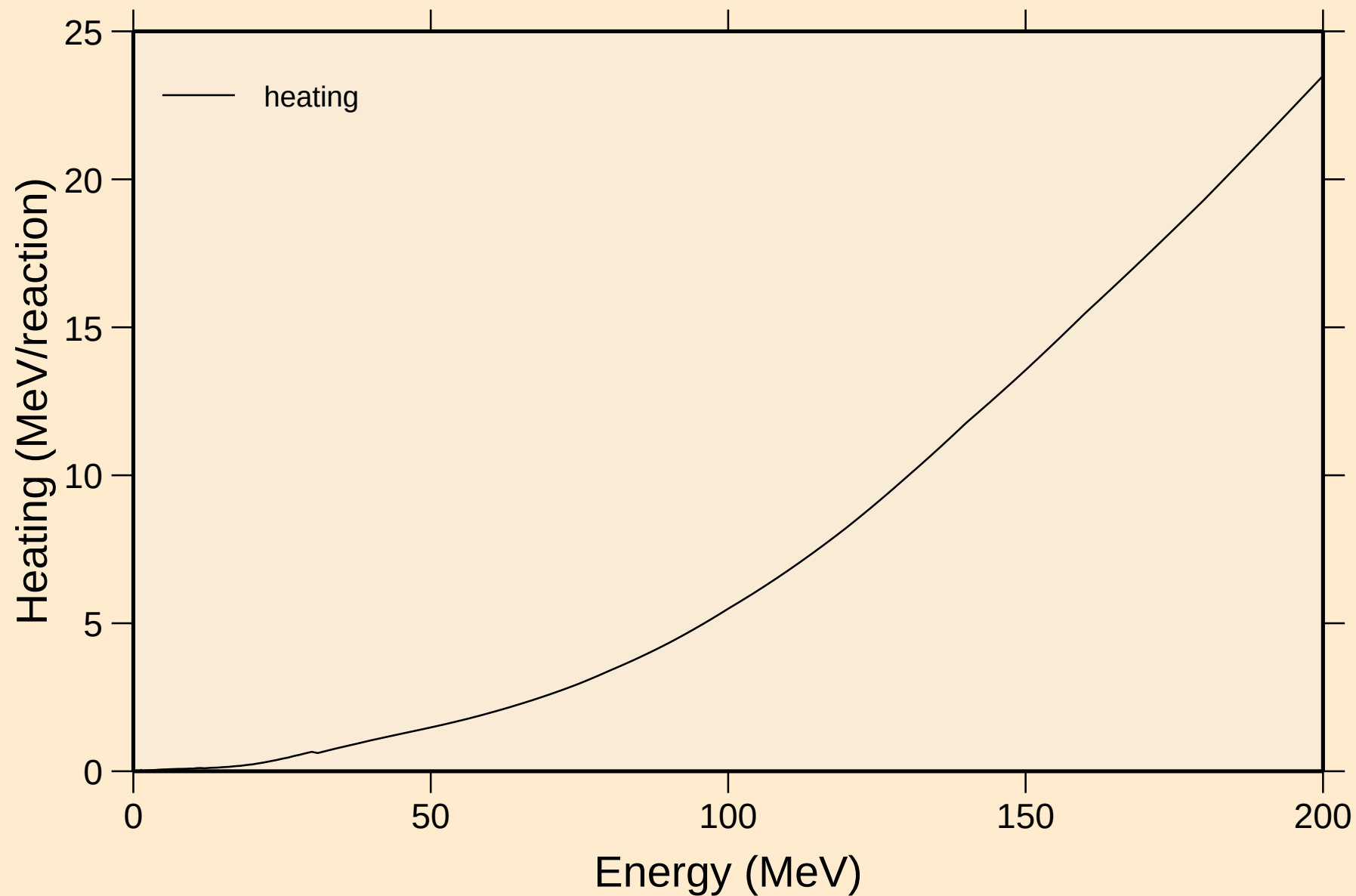
# RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



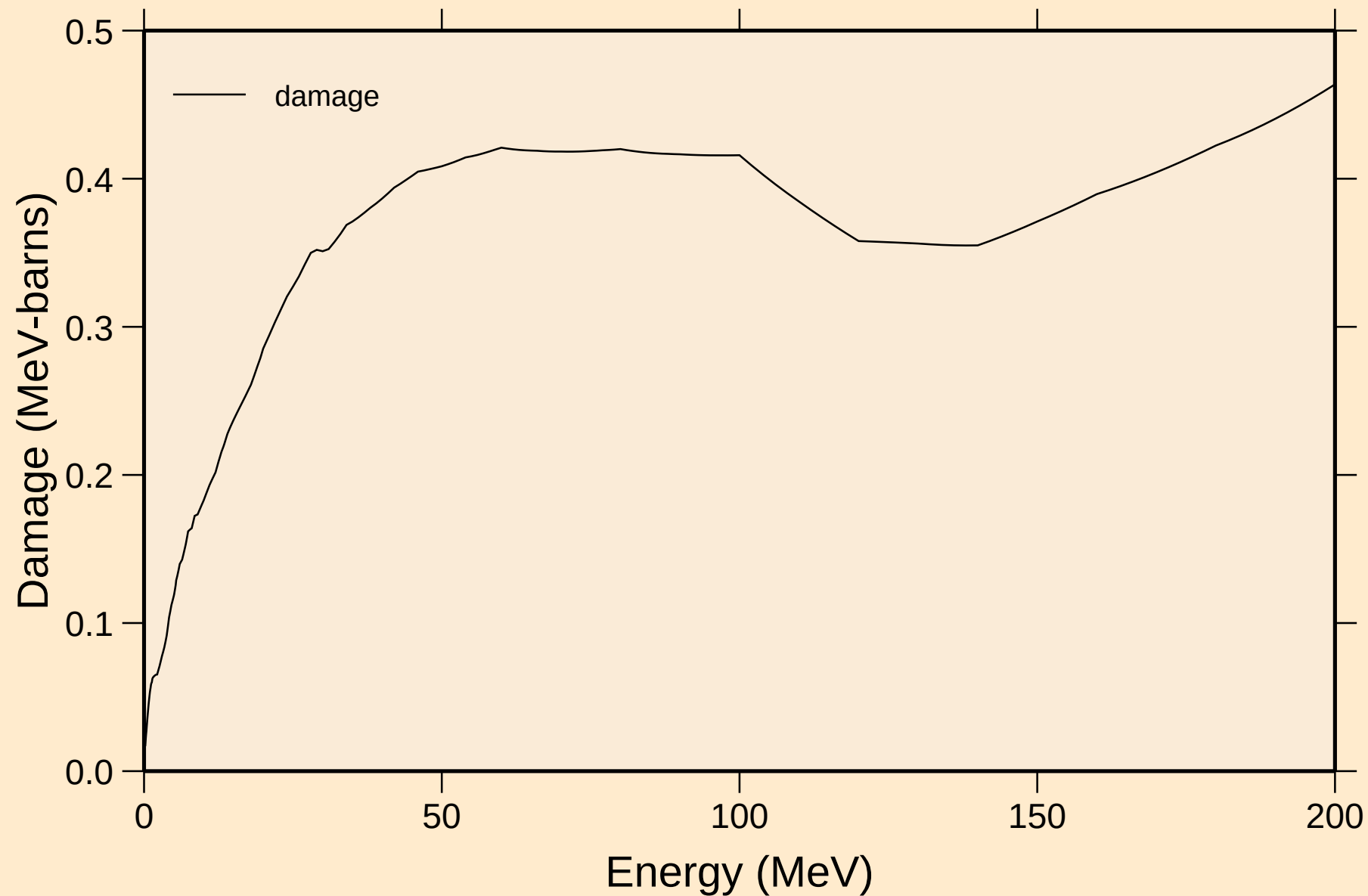
# RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating

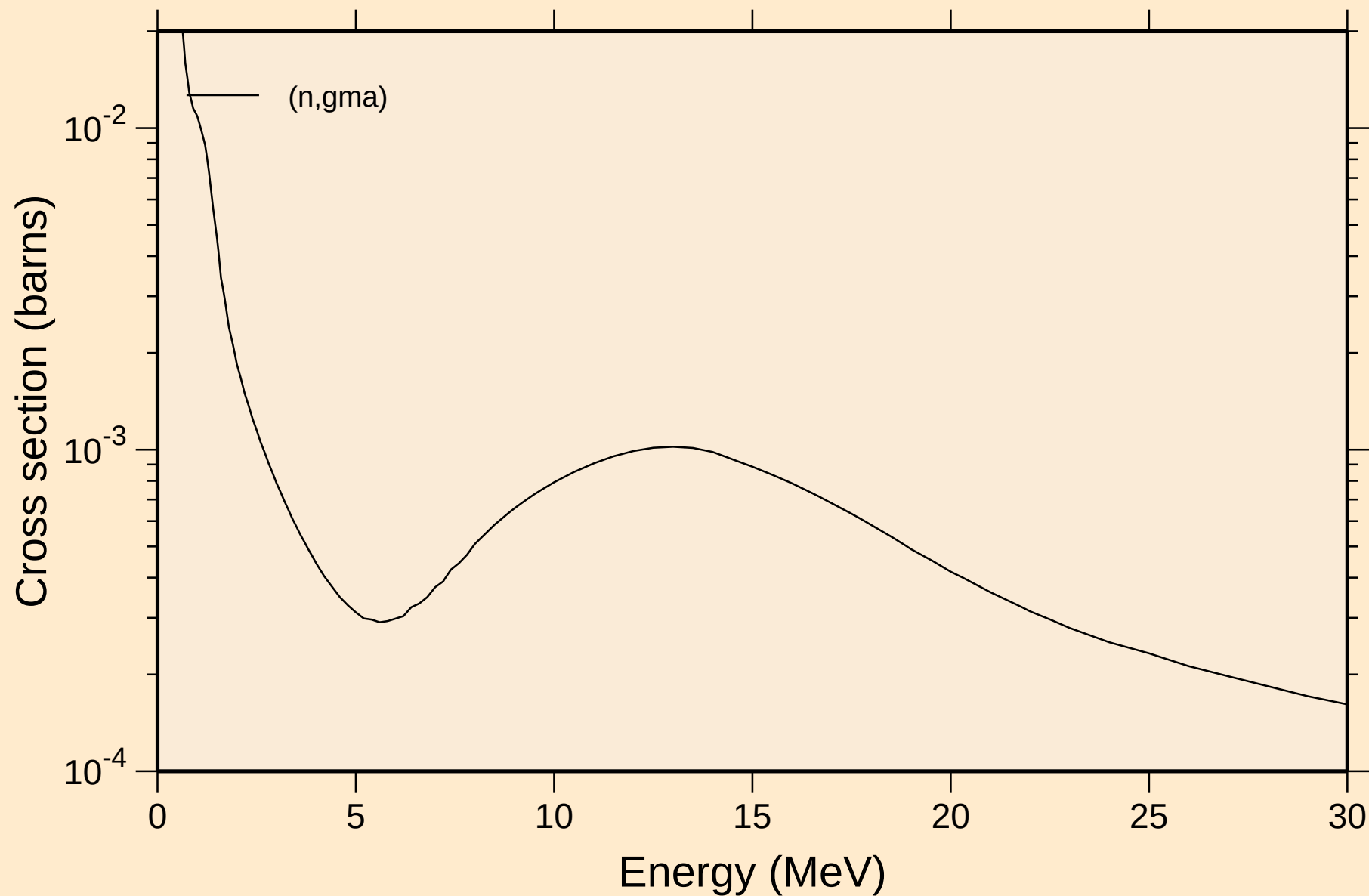


# RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Damage

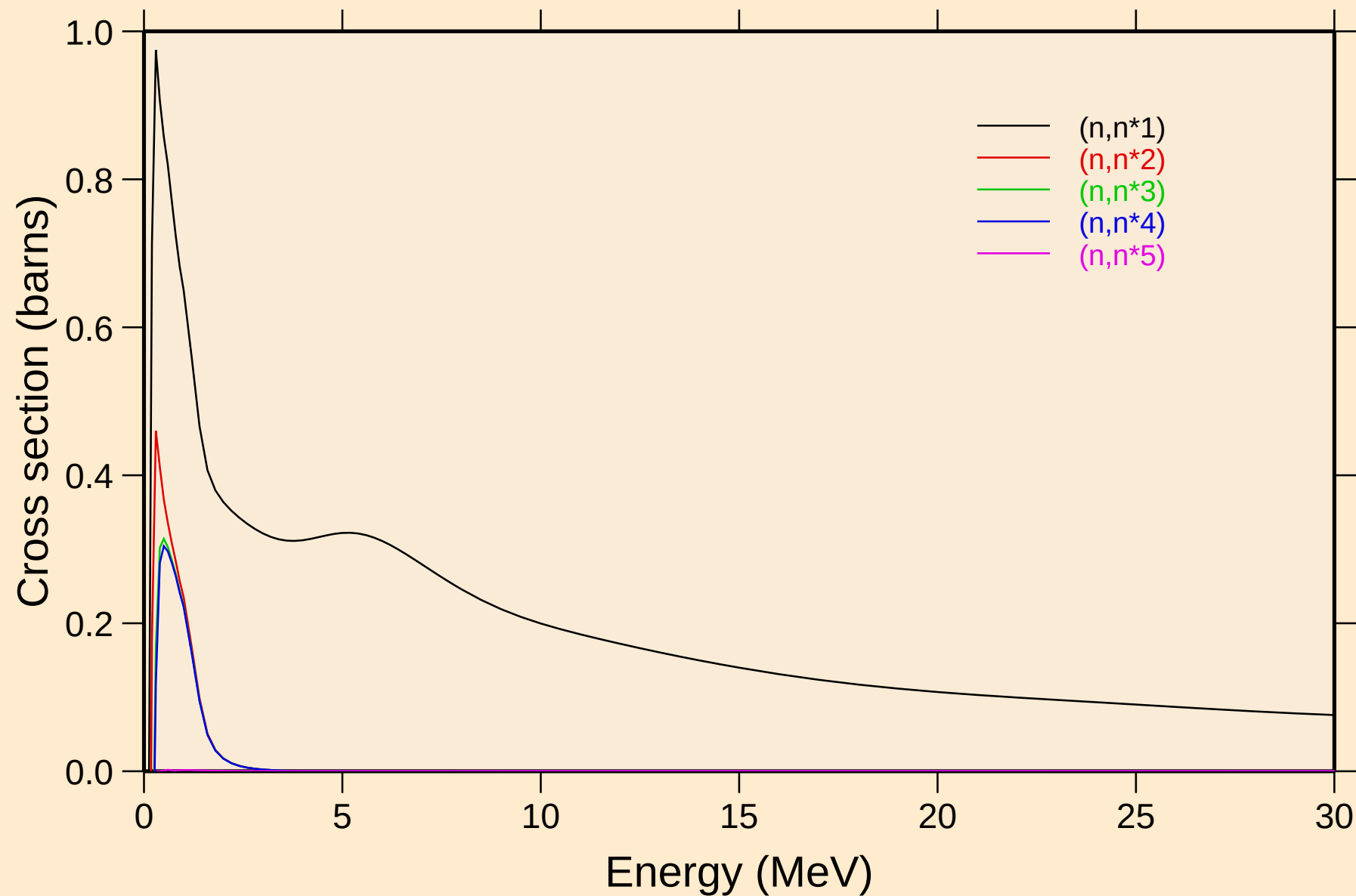


RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

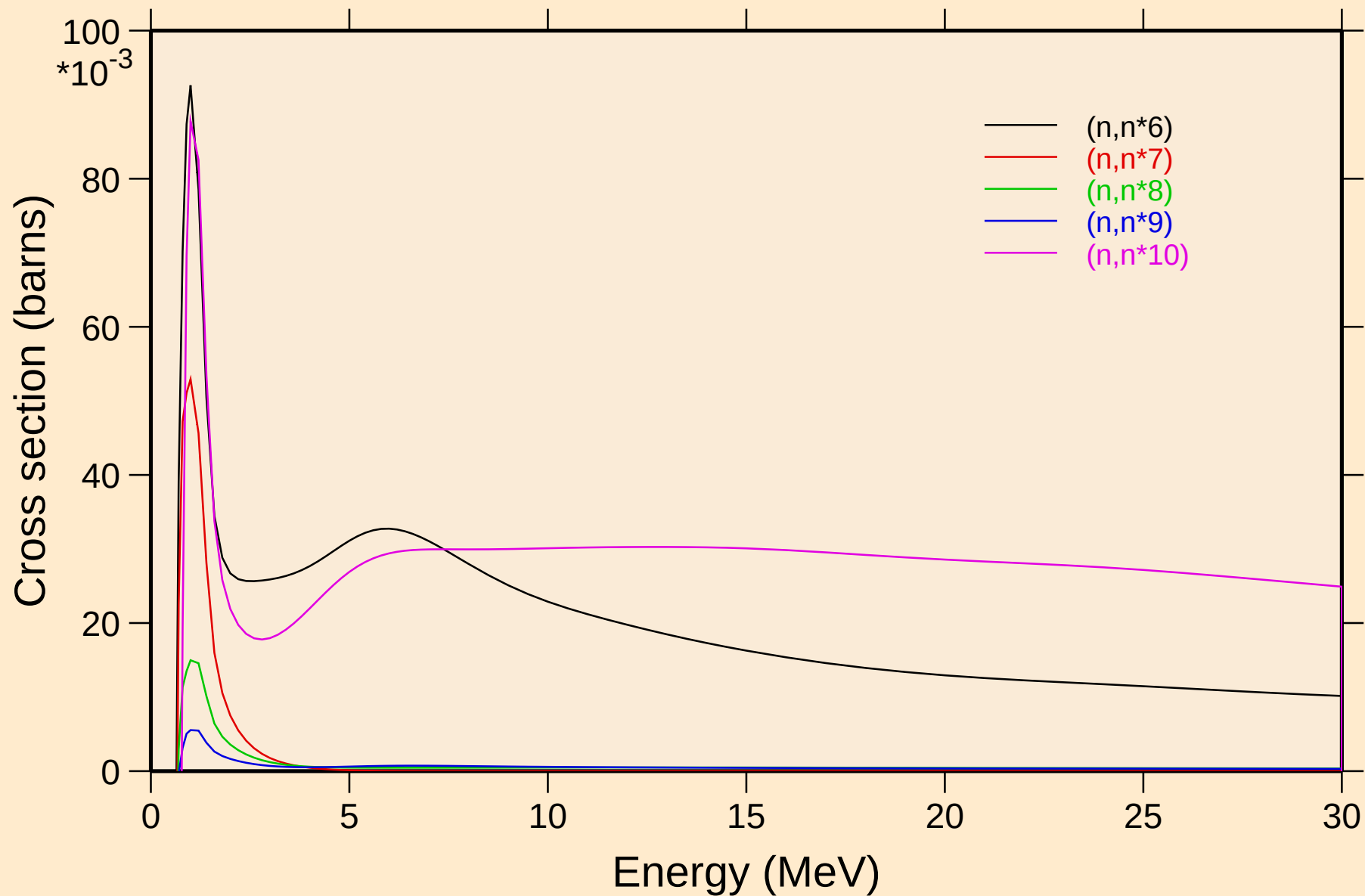


# RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Inelastic levels



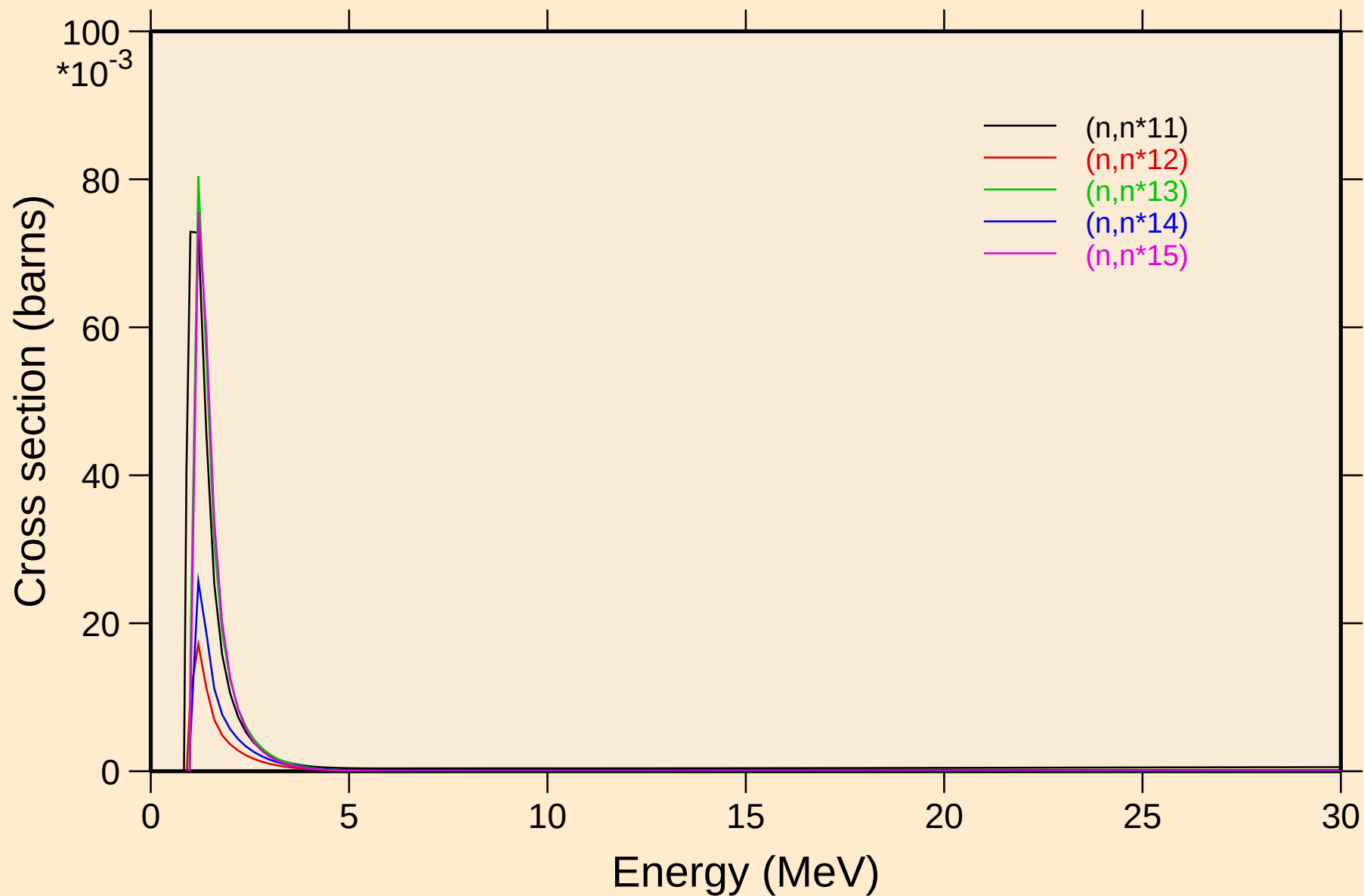
RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels





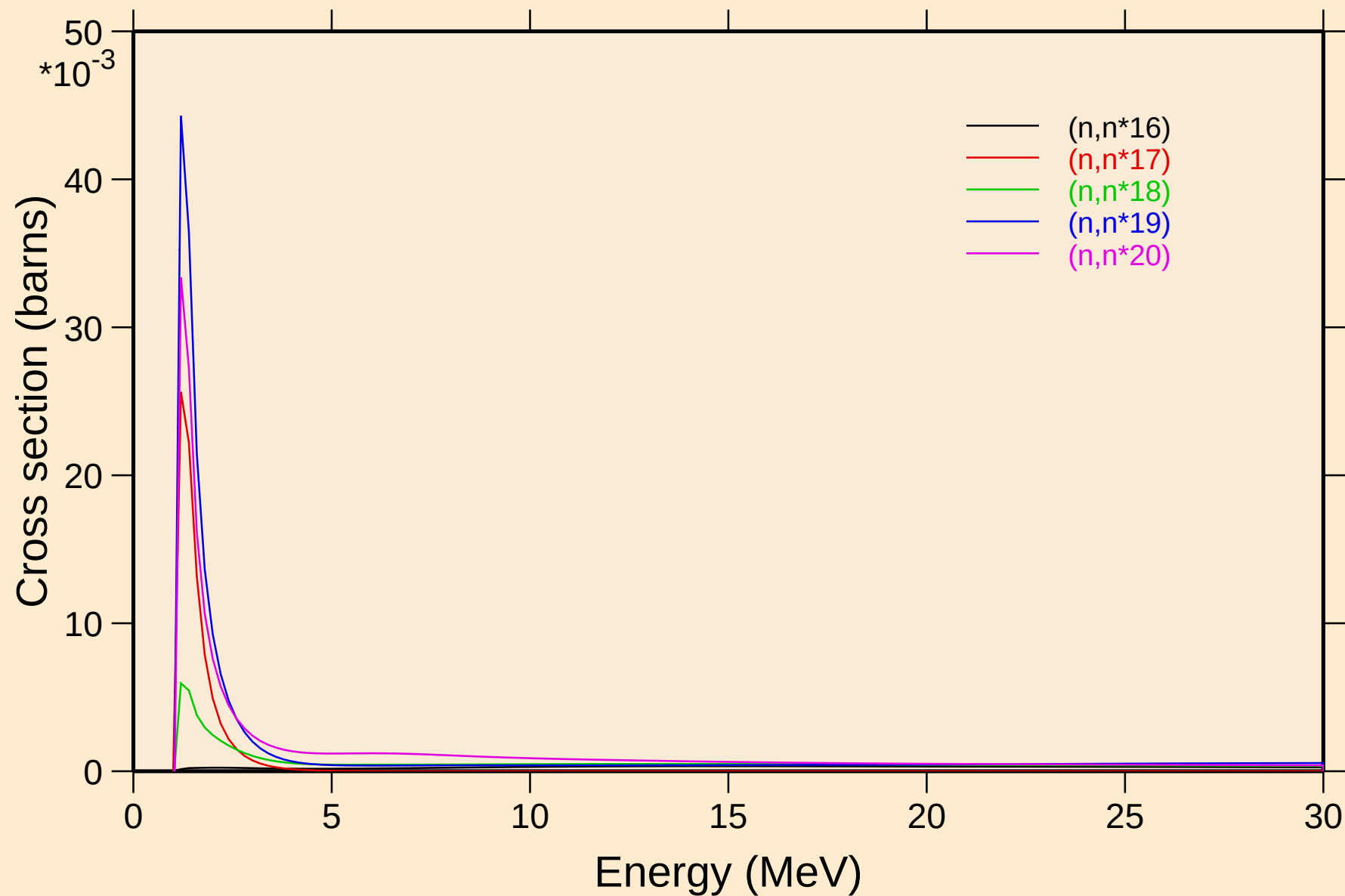
# RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



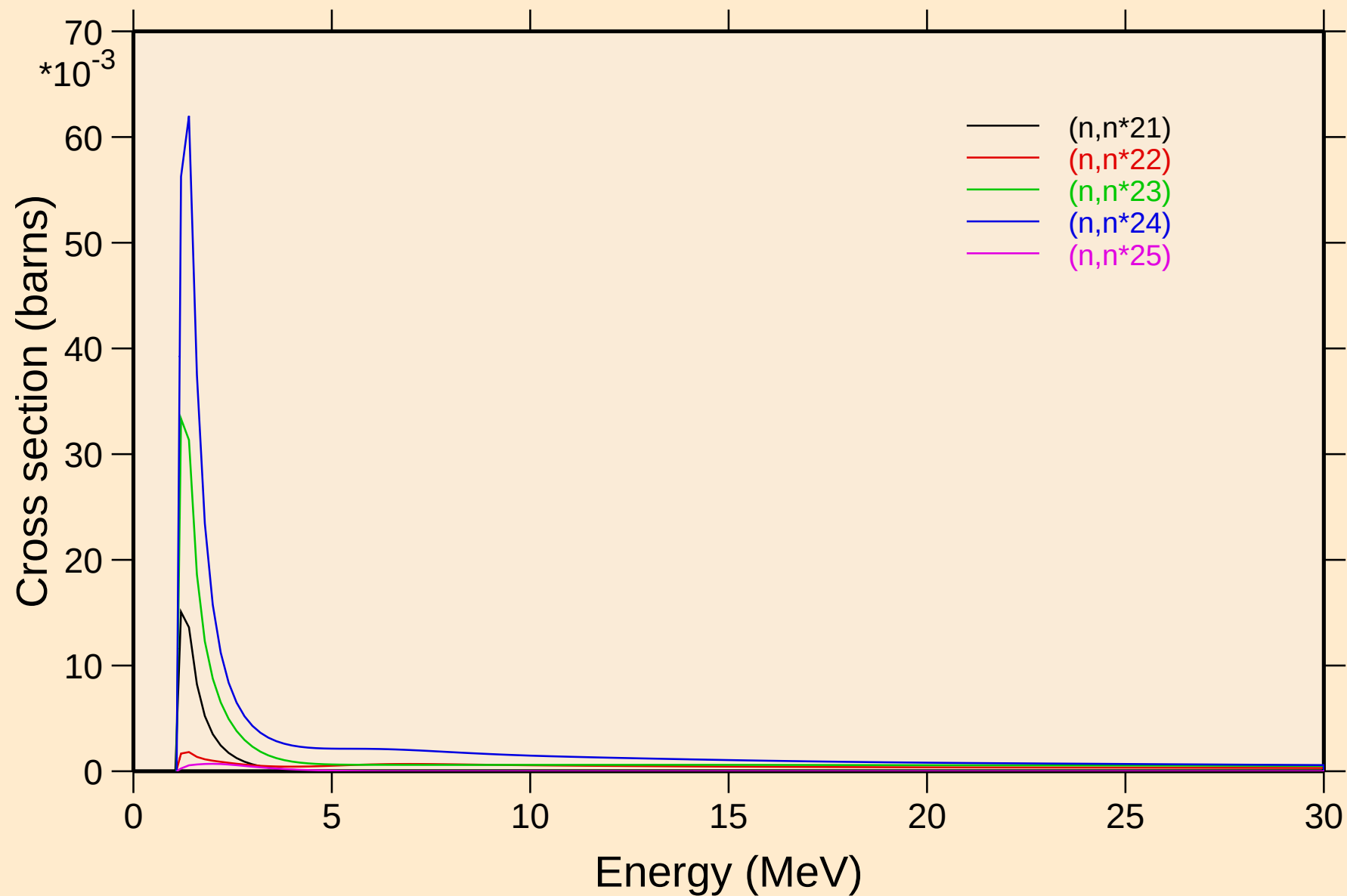
# RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Inelastic levels



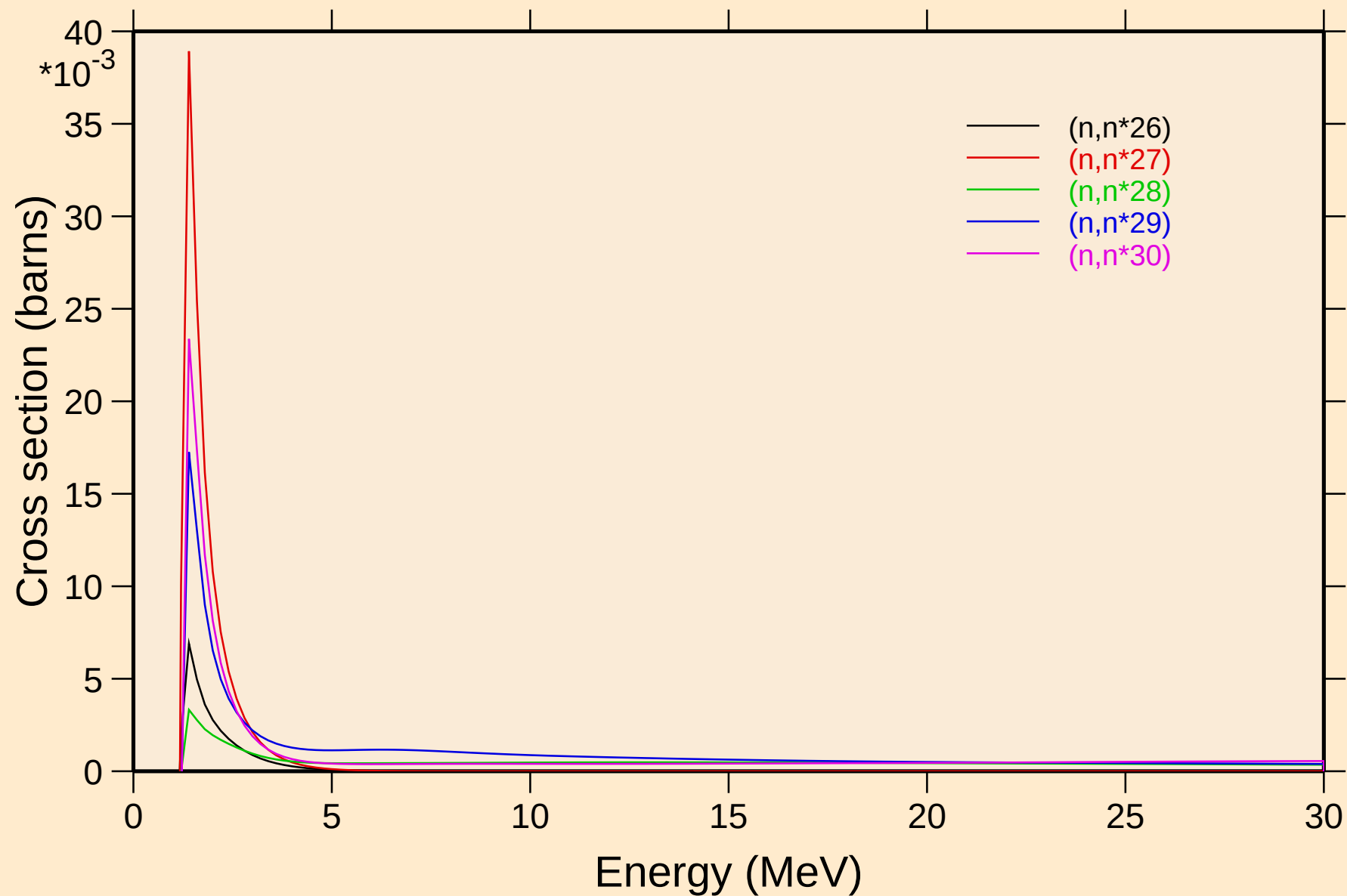
# RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Inelastic levels



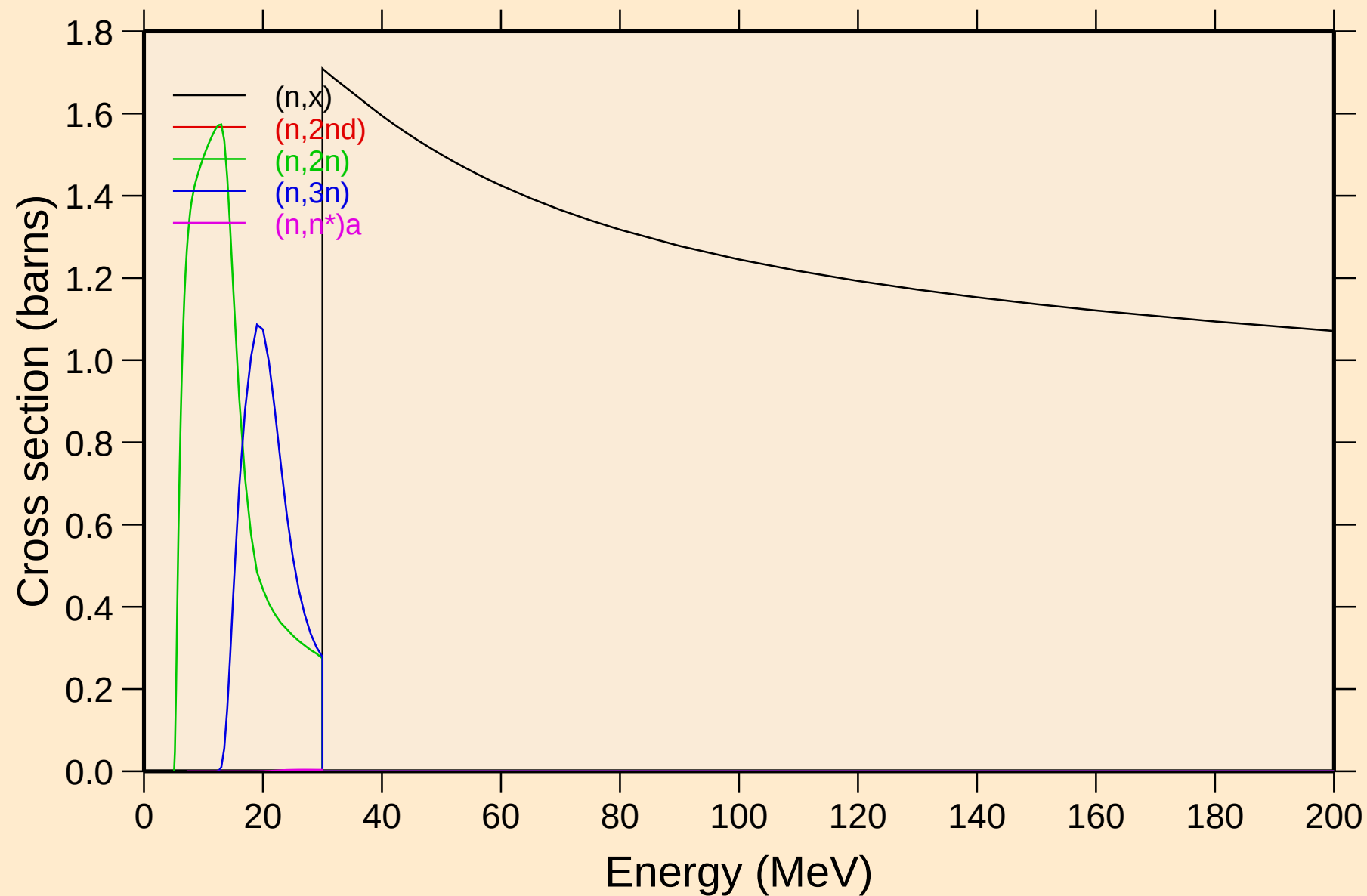
# RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Inelastic levels

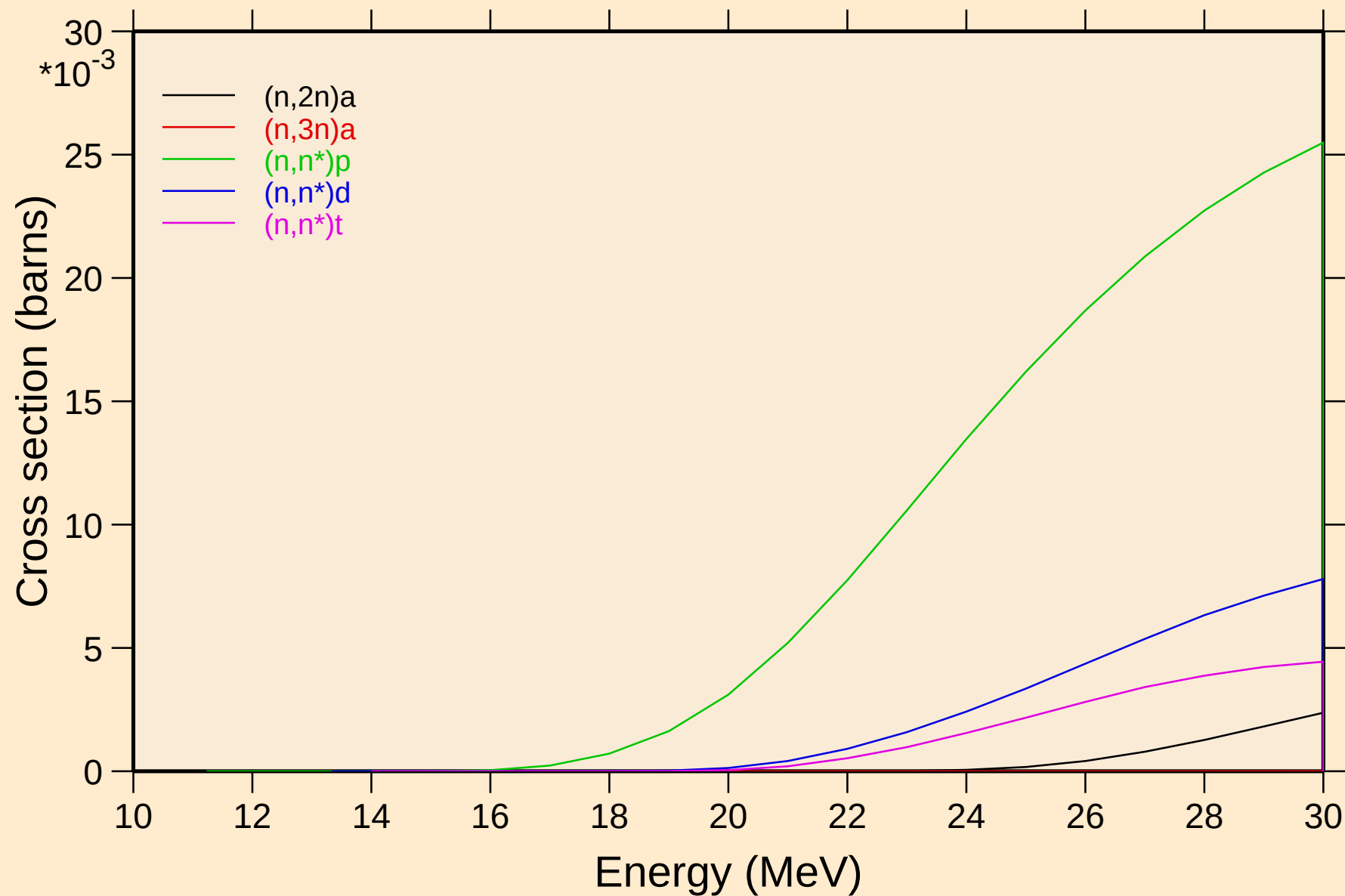


# RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

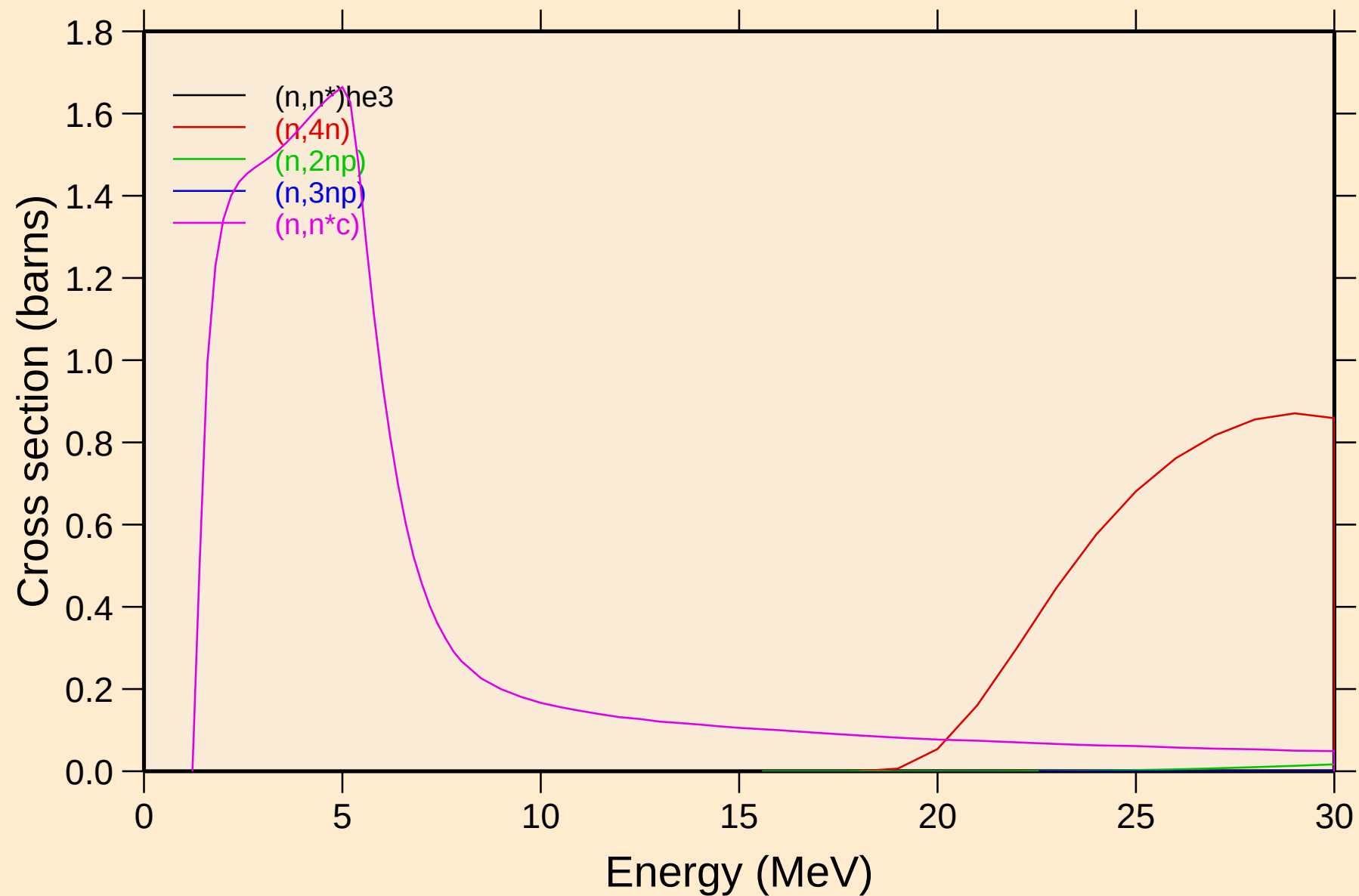
## Threshold reactions



RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

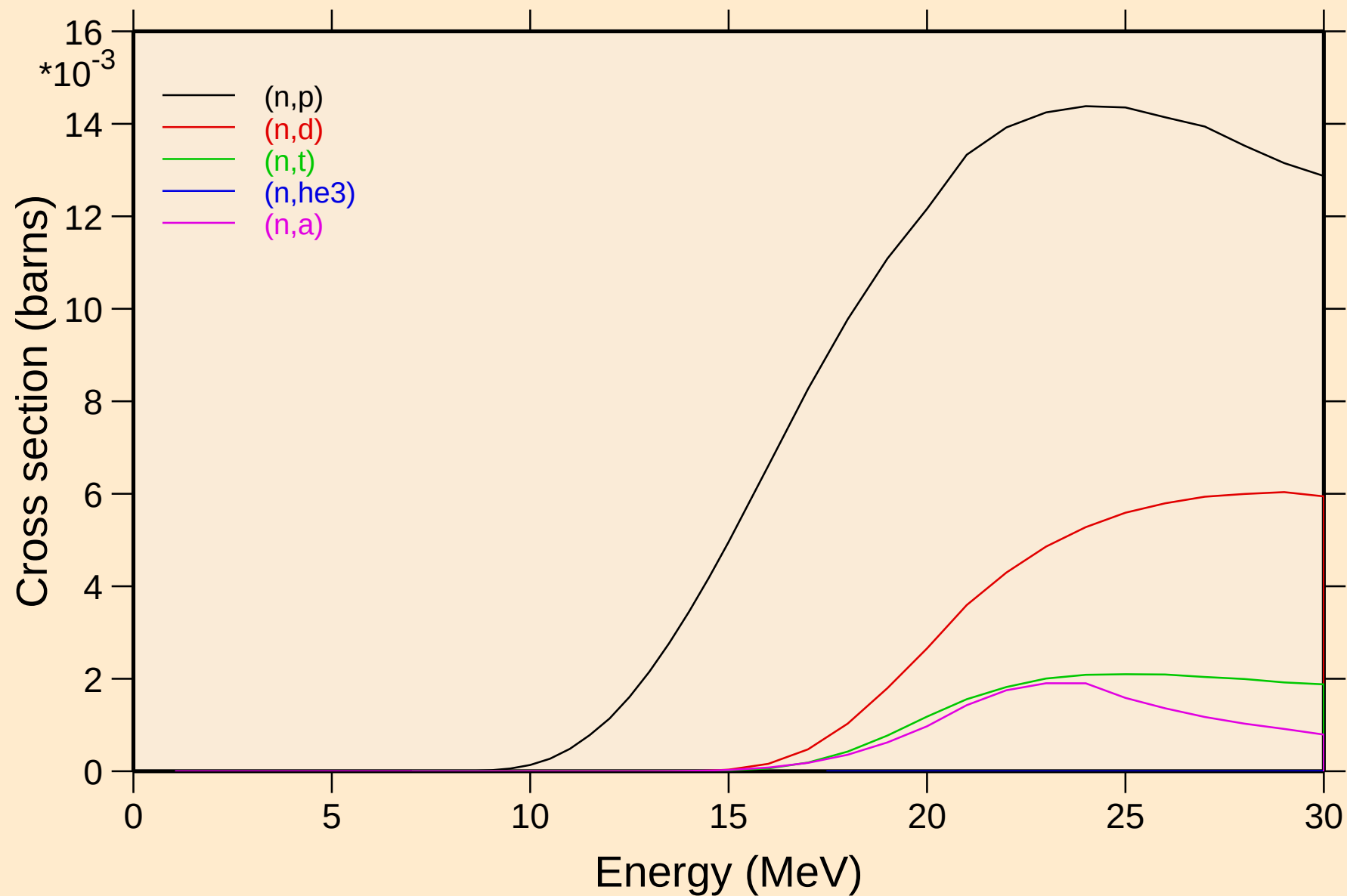


RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



# RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

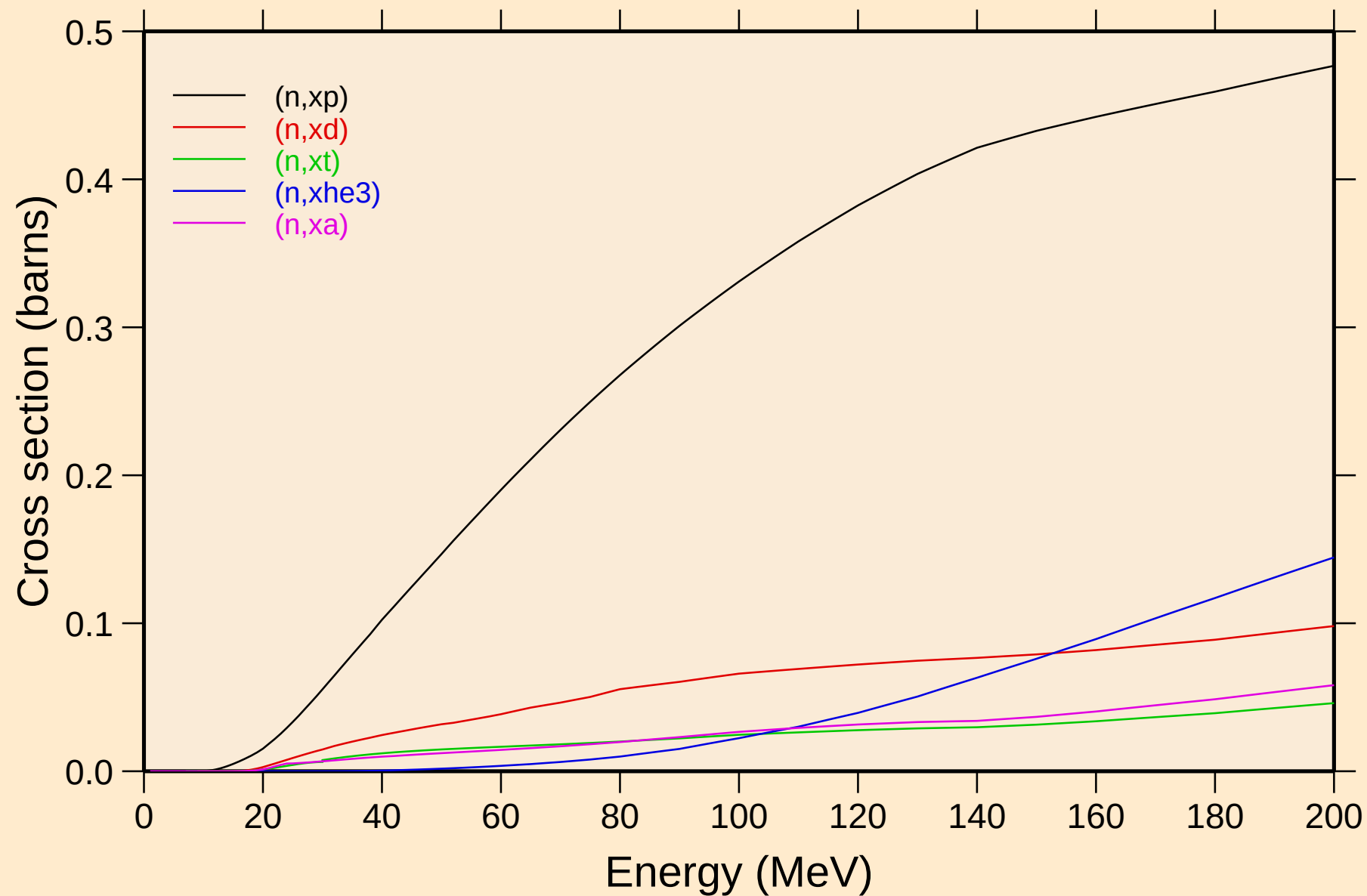
## Threshold reactions



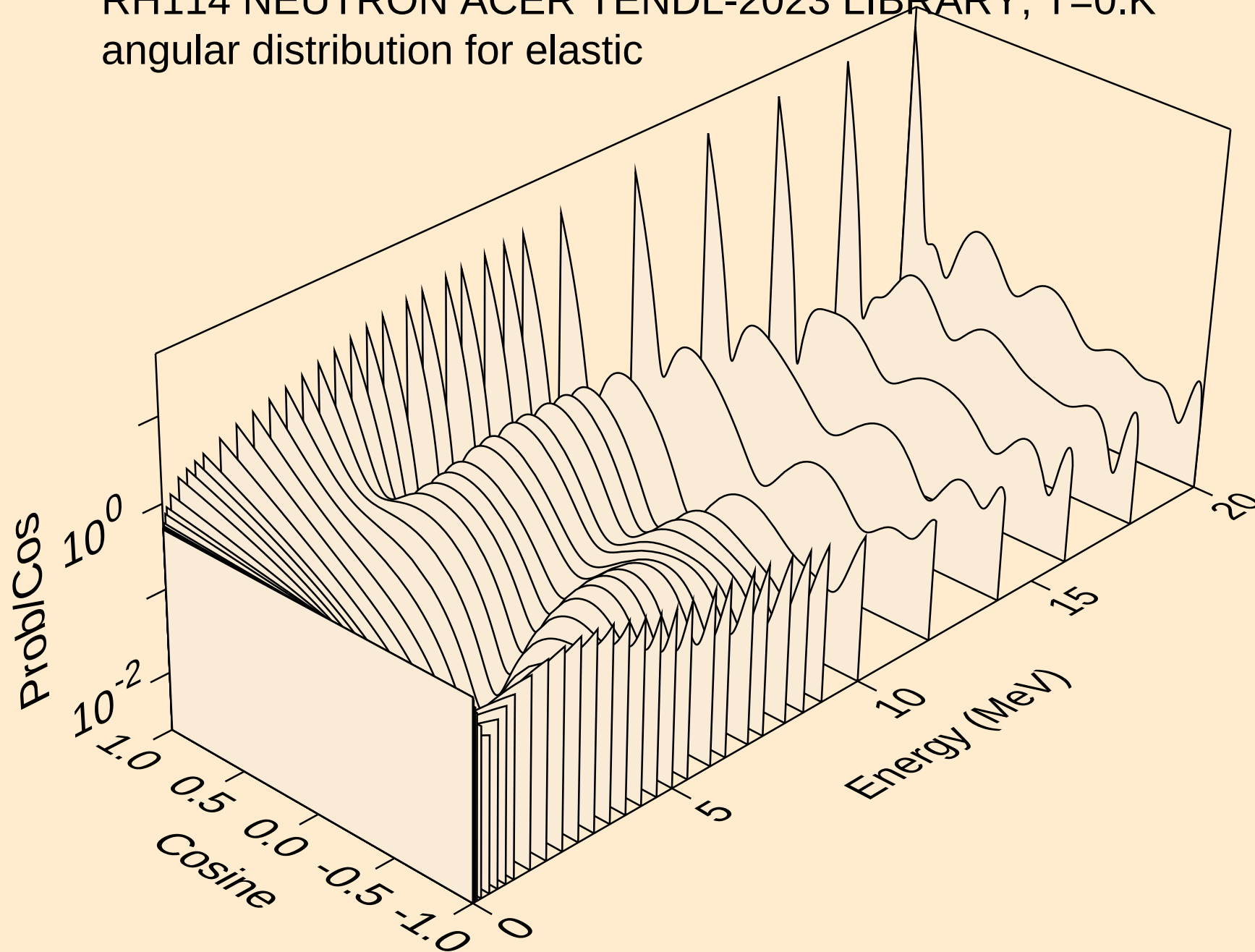


# RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

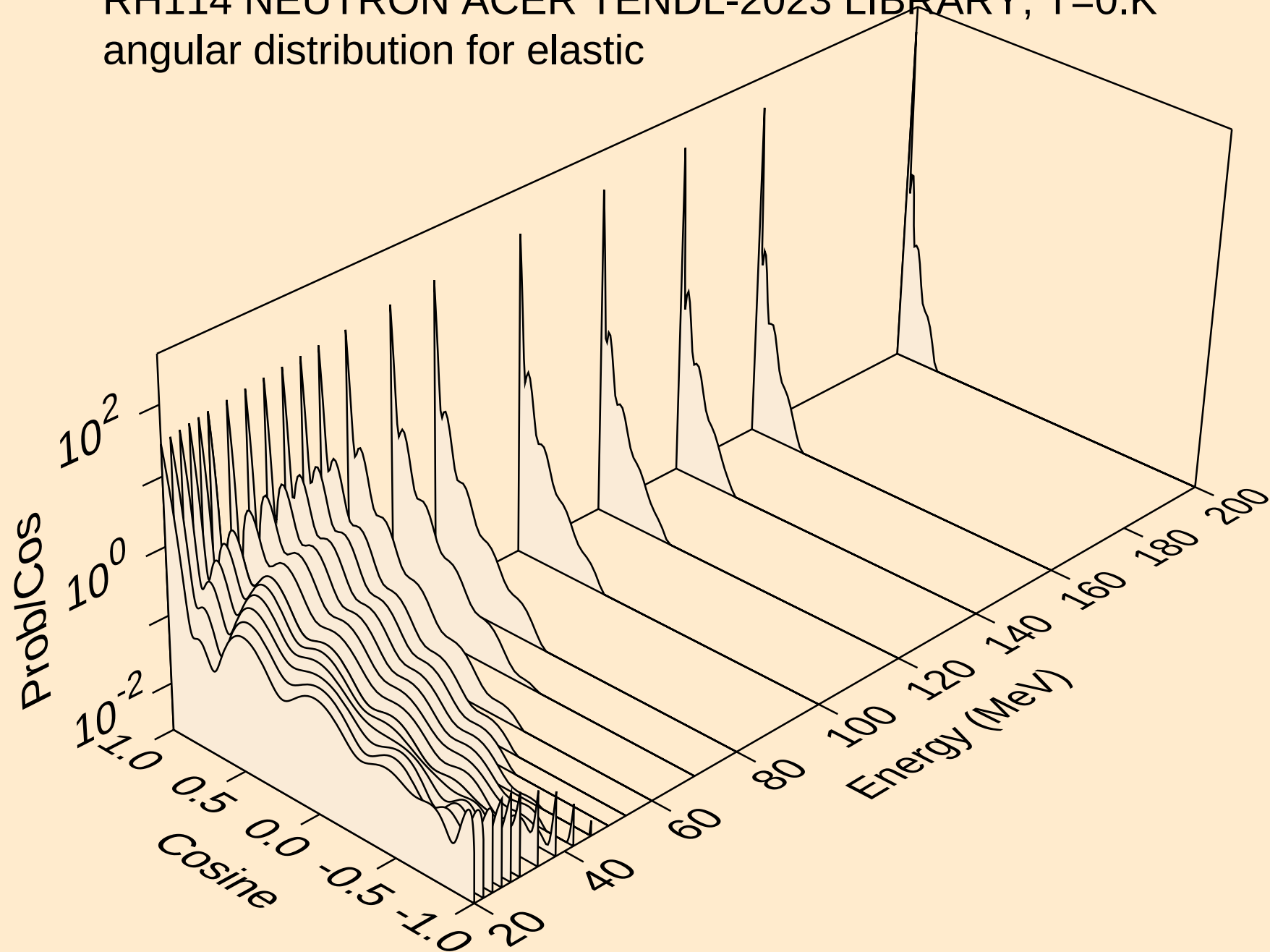
## Threshold reactions



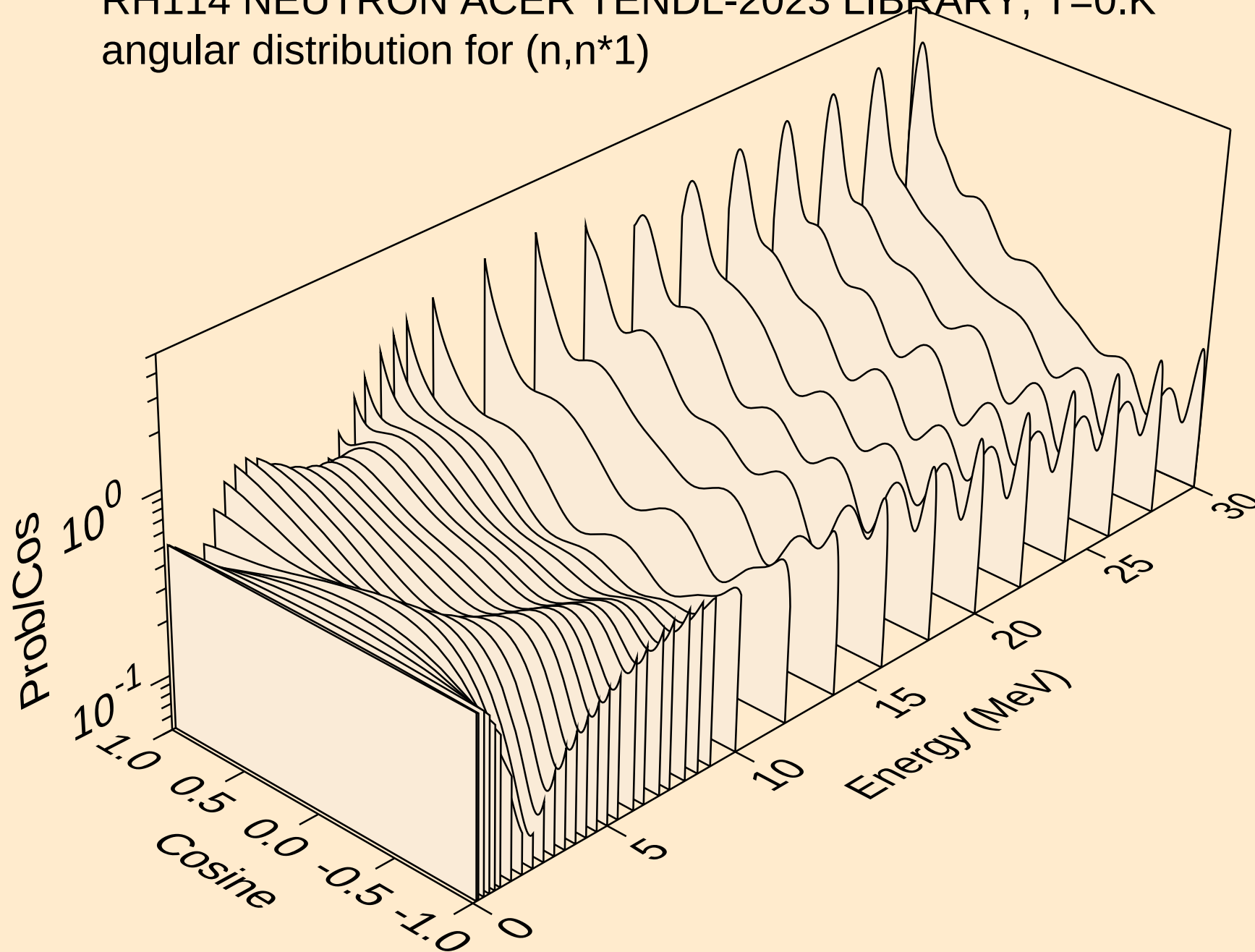
RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



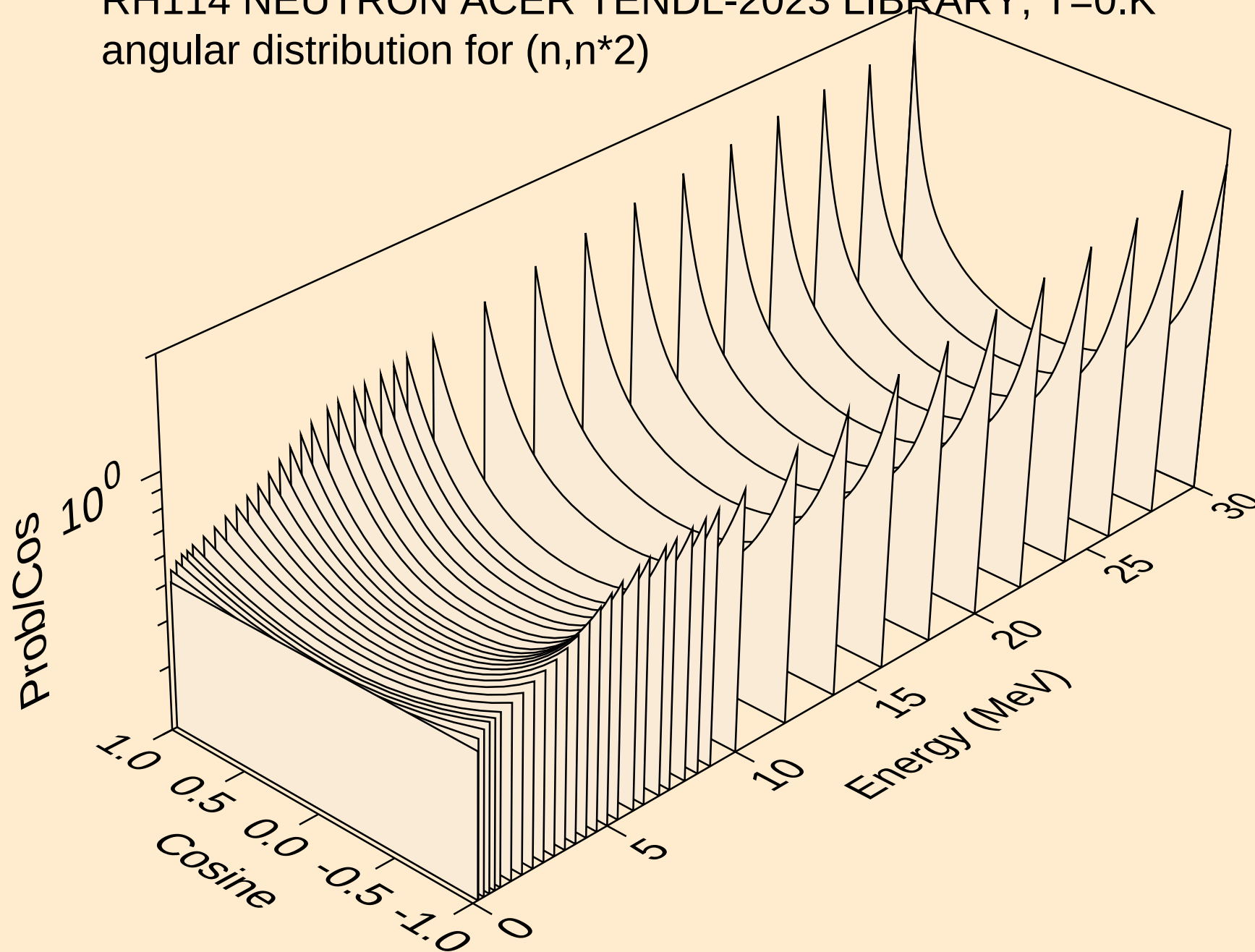
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angular distribution for elastic



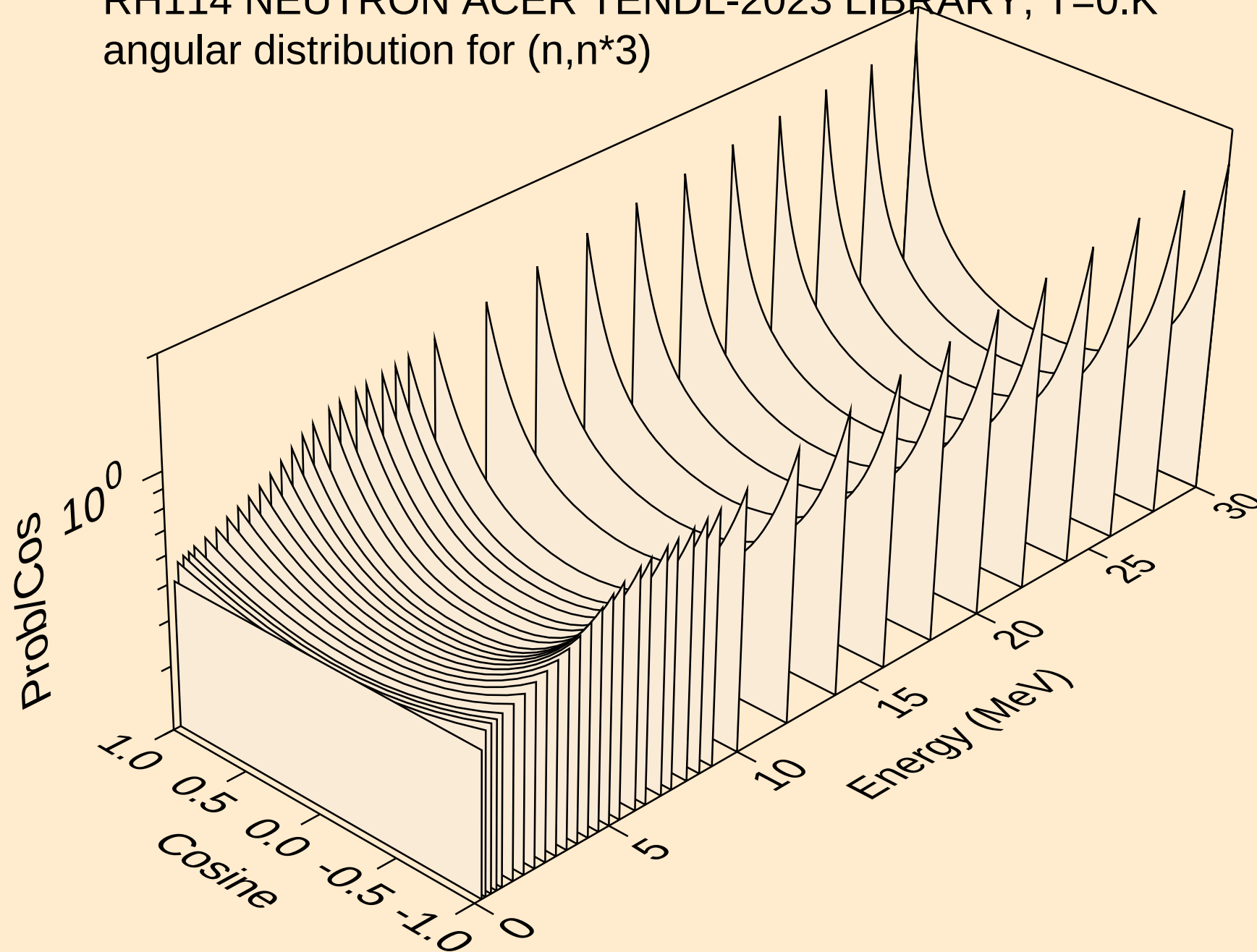
RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



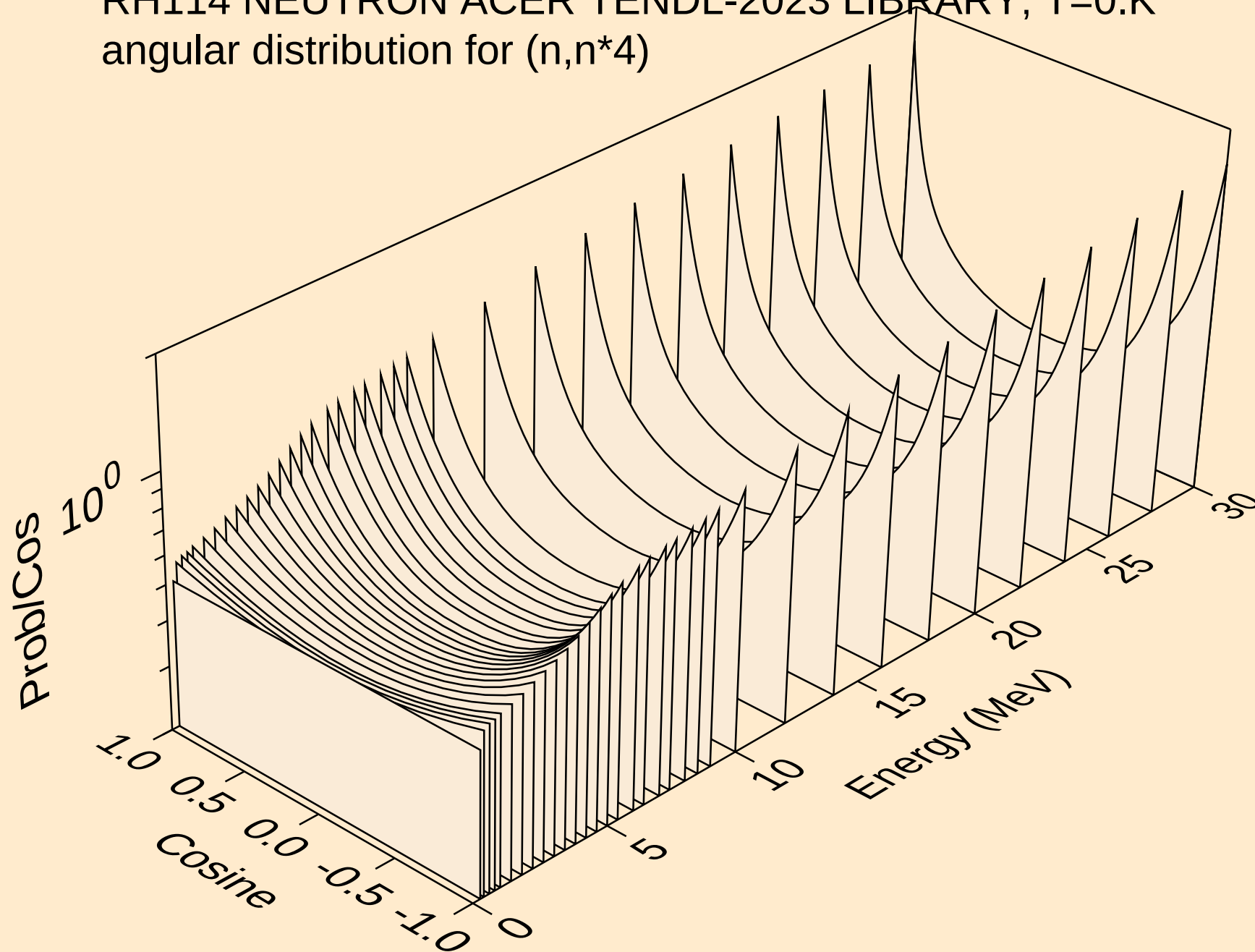
RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



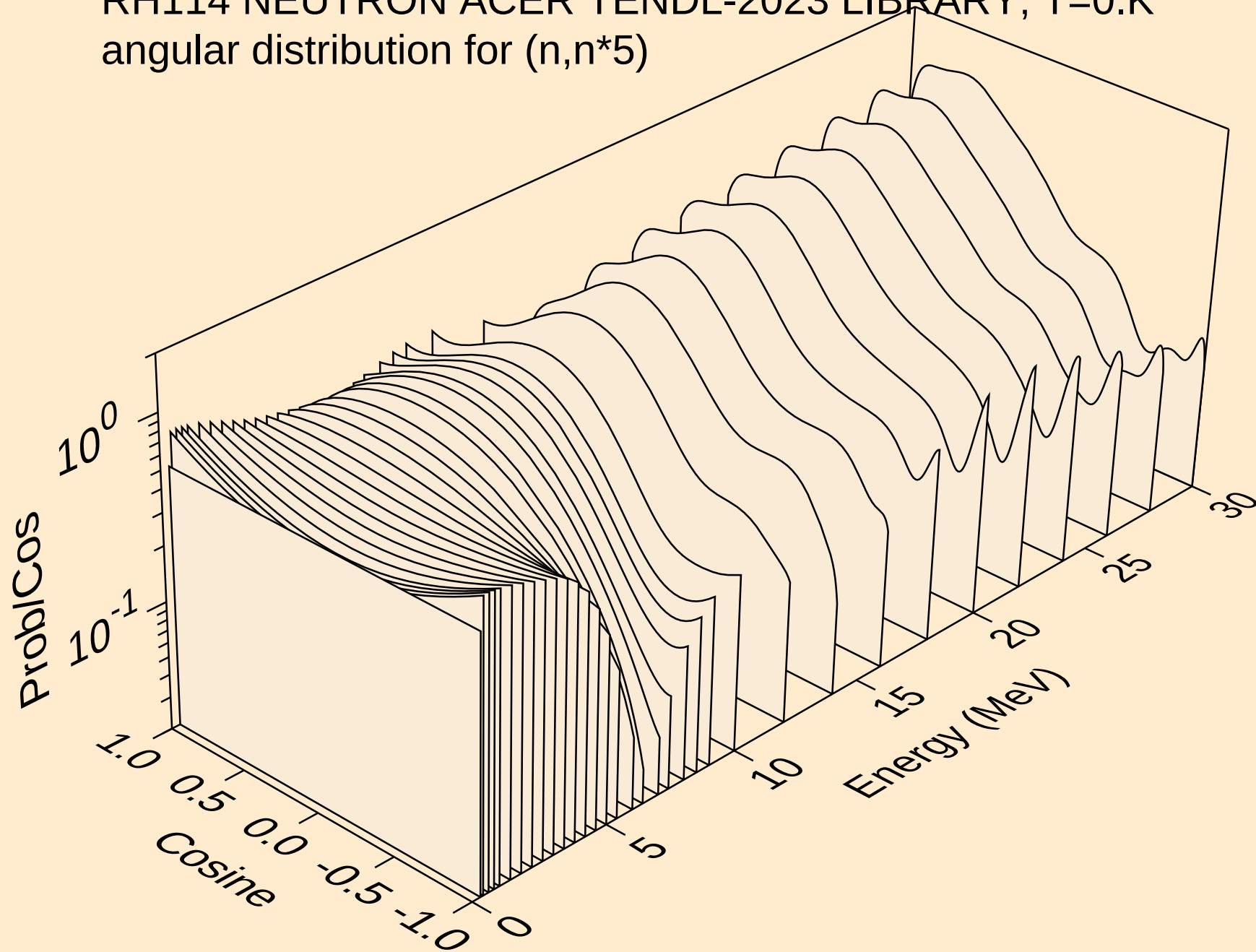
RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*4)

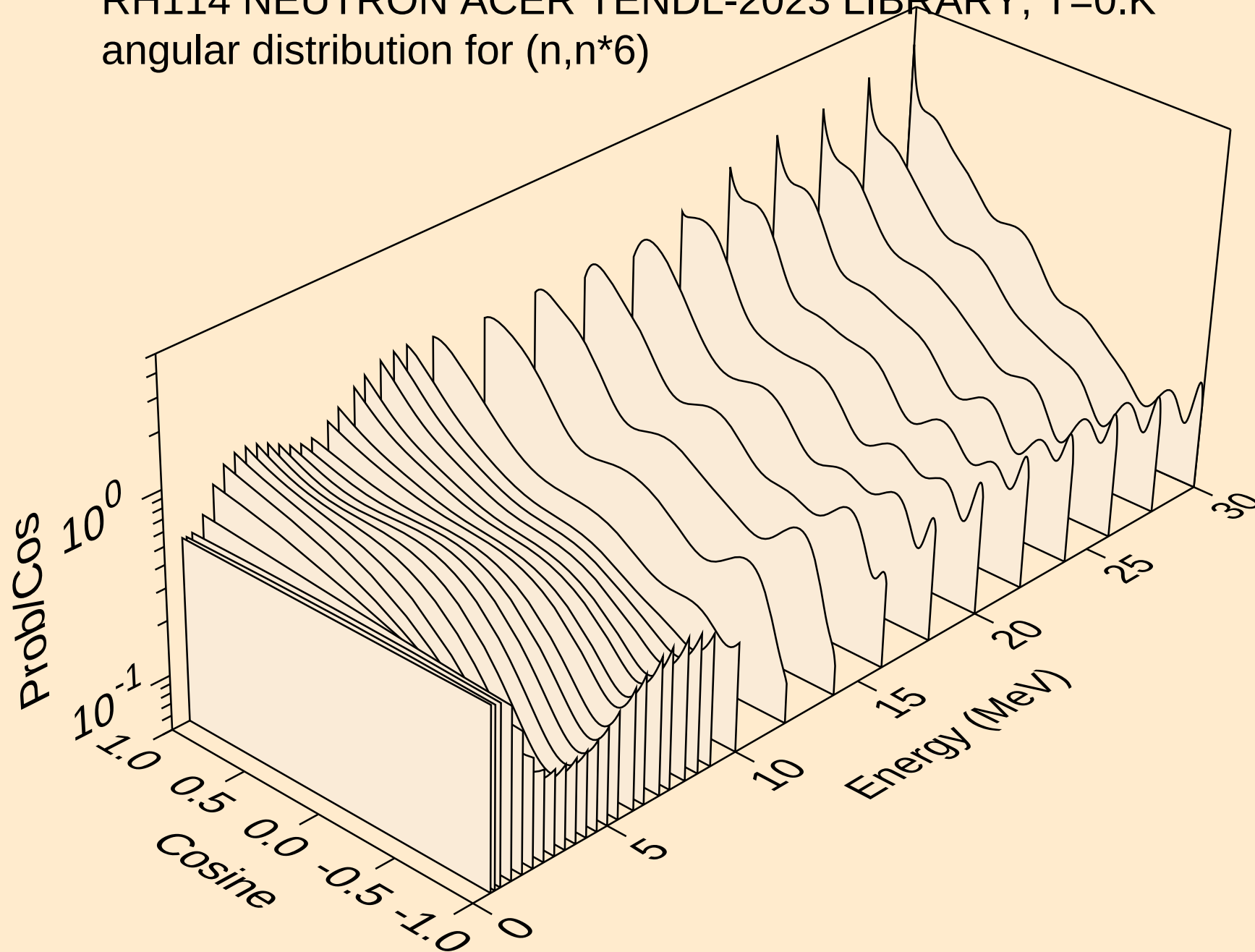


RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*5)

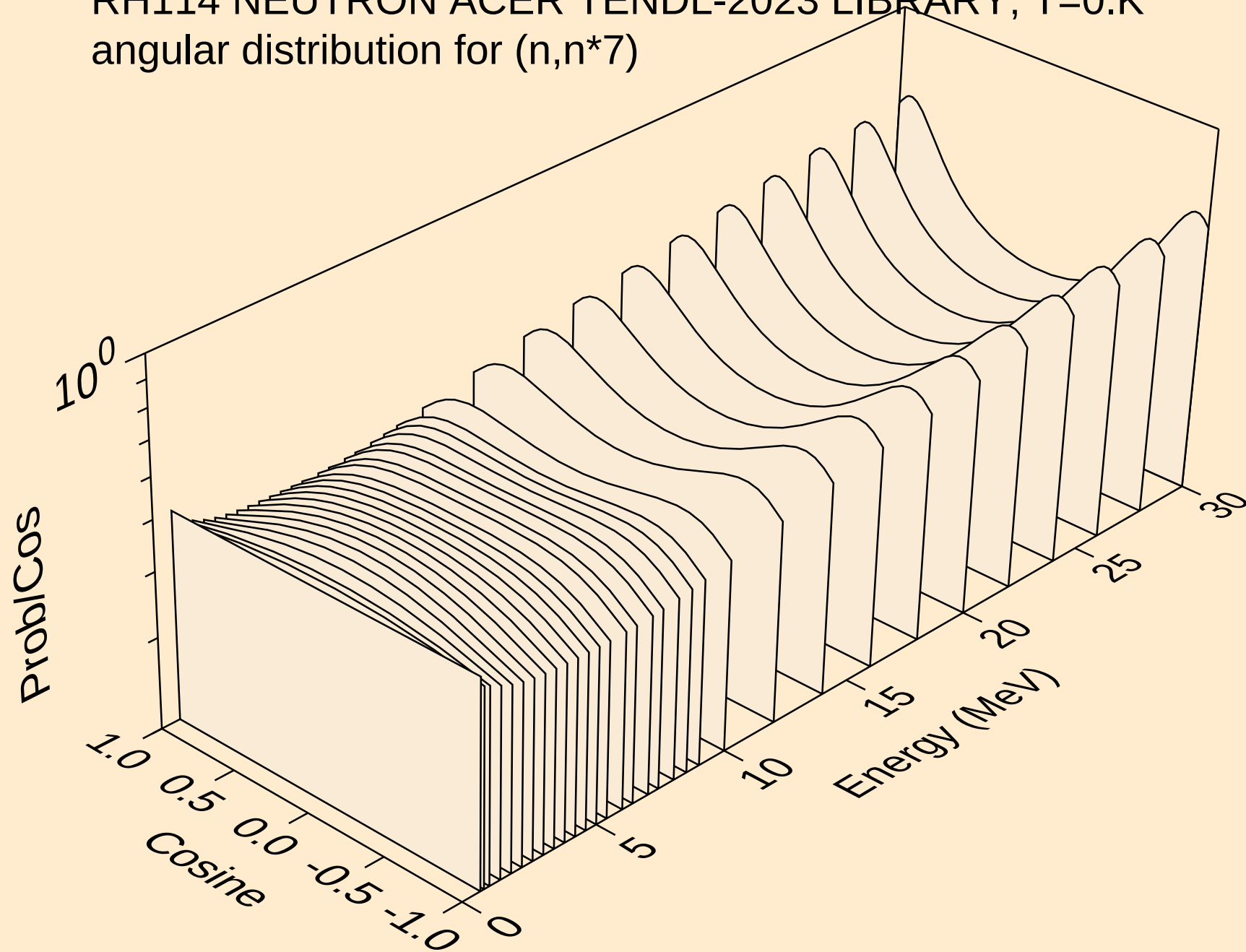




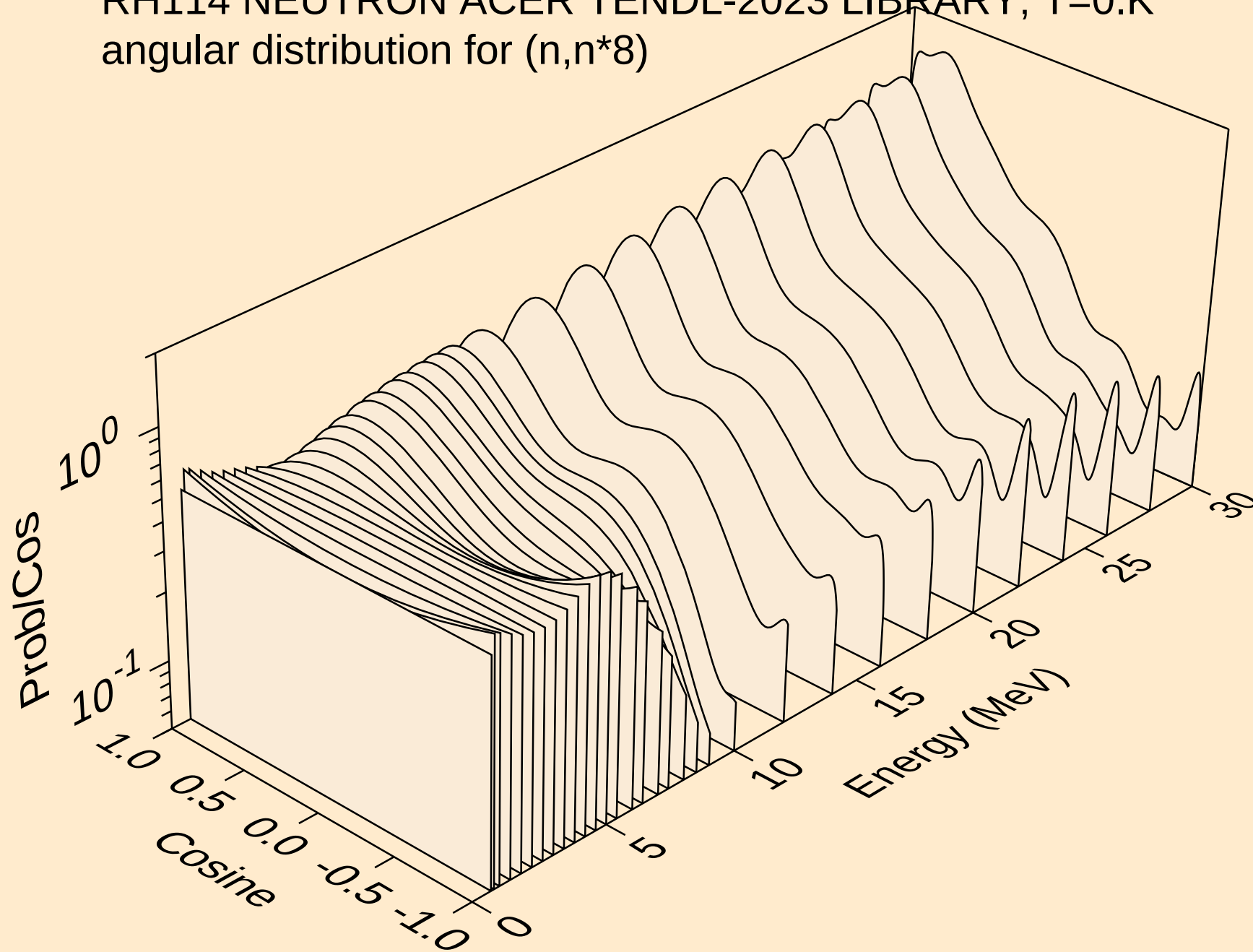
RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



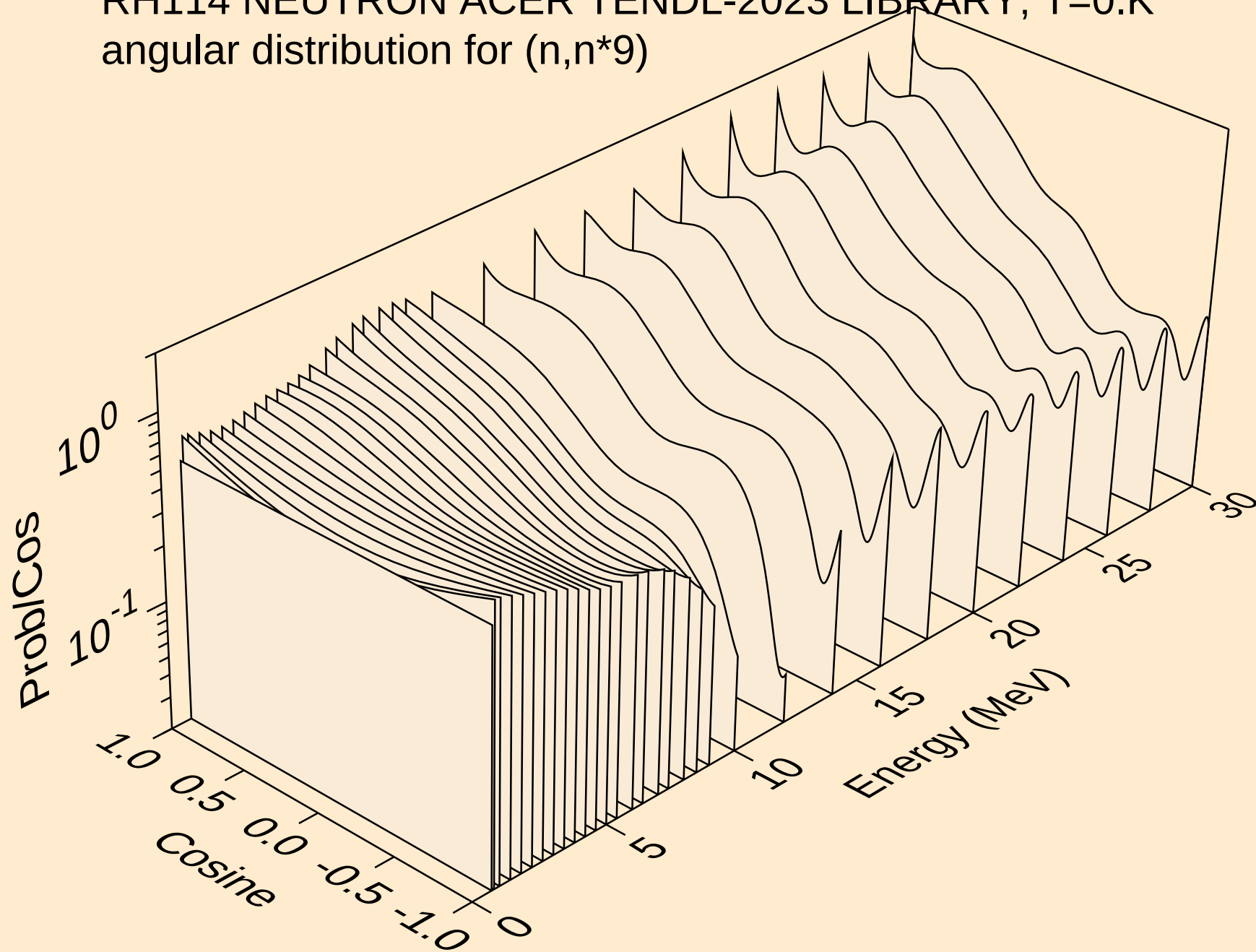
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angular distribution for (n,n\*7)



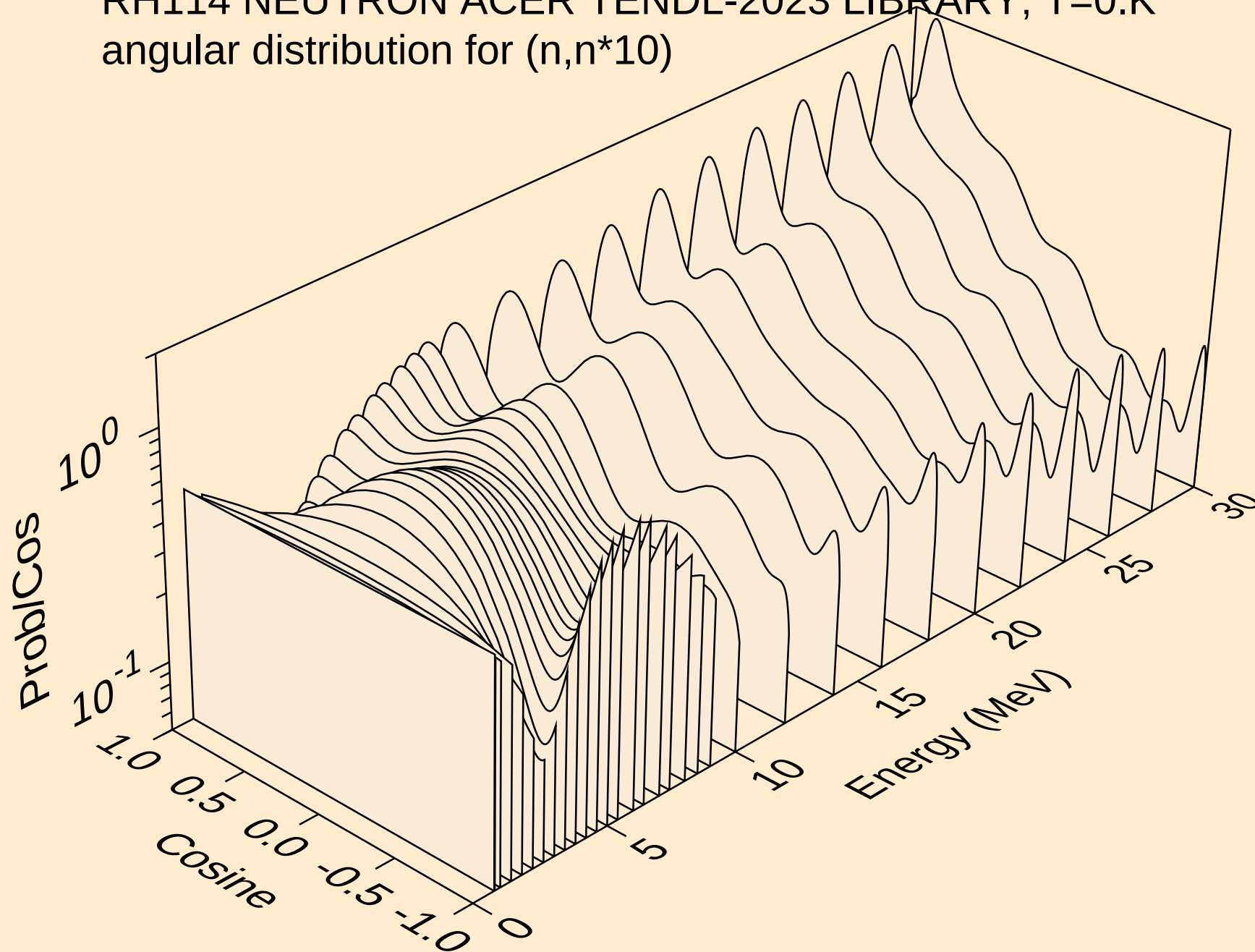
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angular distribution for (n,n\*8)



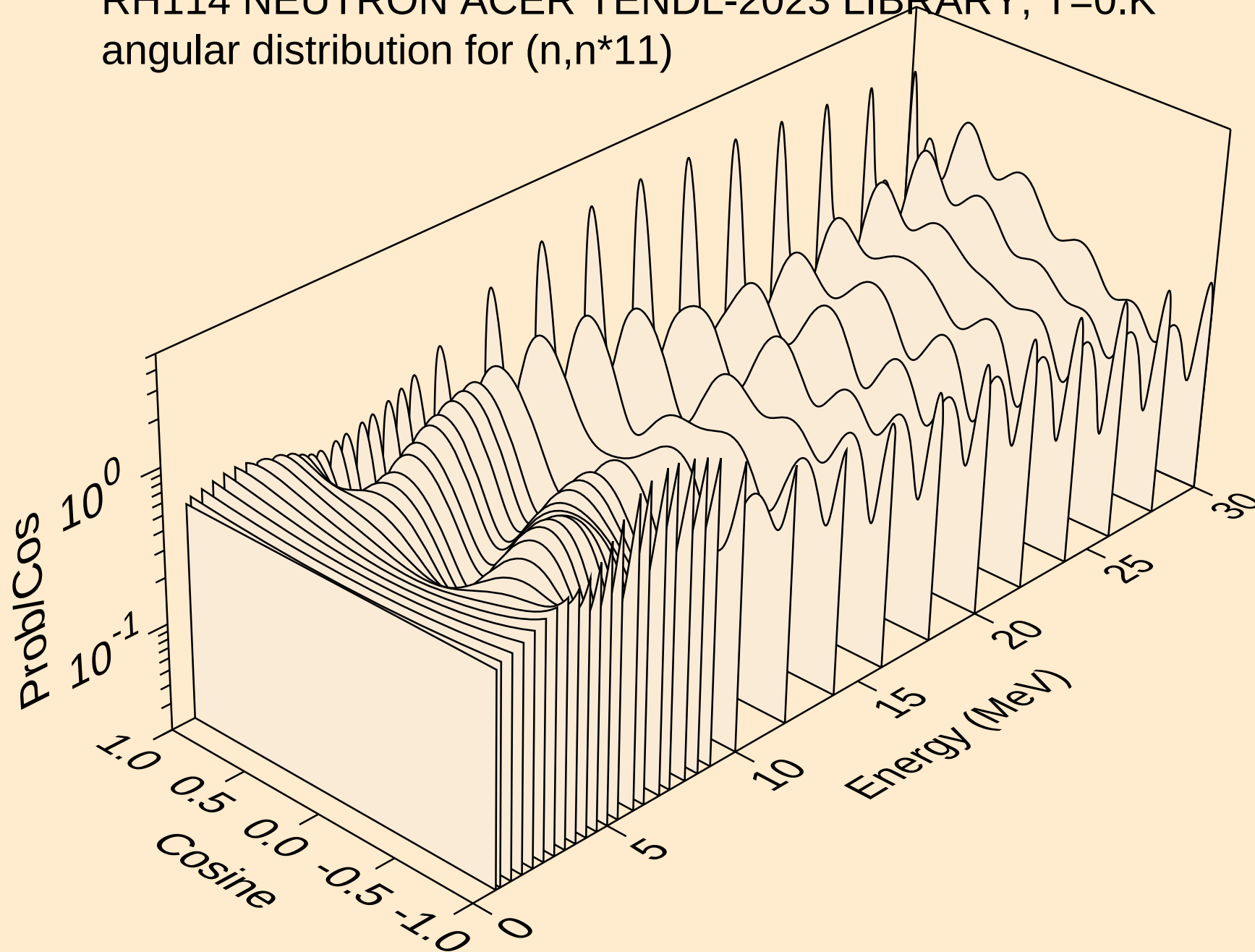
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angular distribution for (n,n\*9)



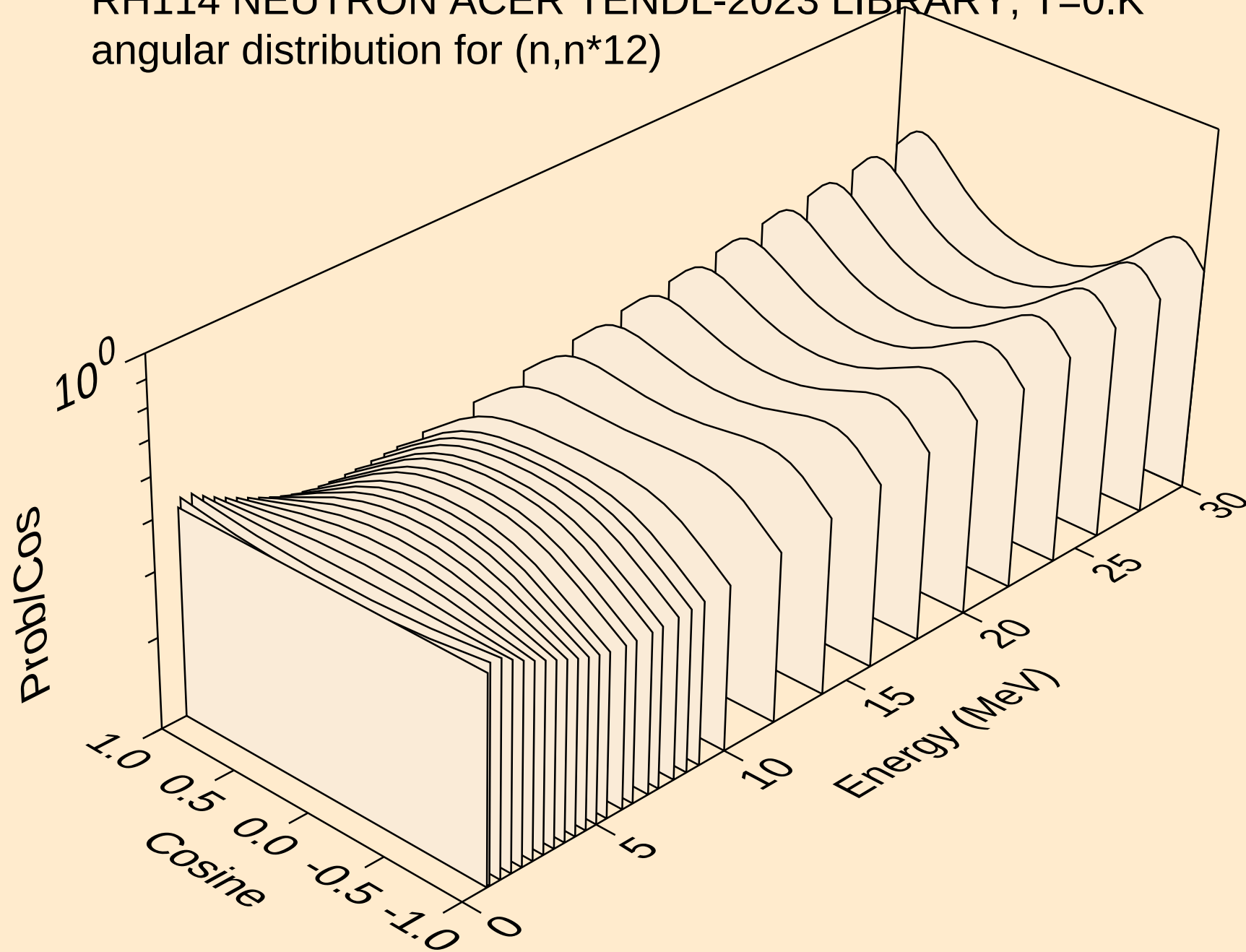
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angular distribution for (n,n\*10)



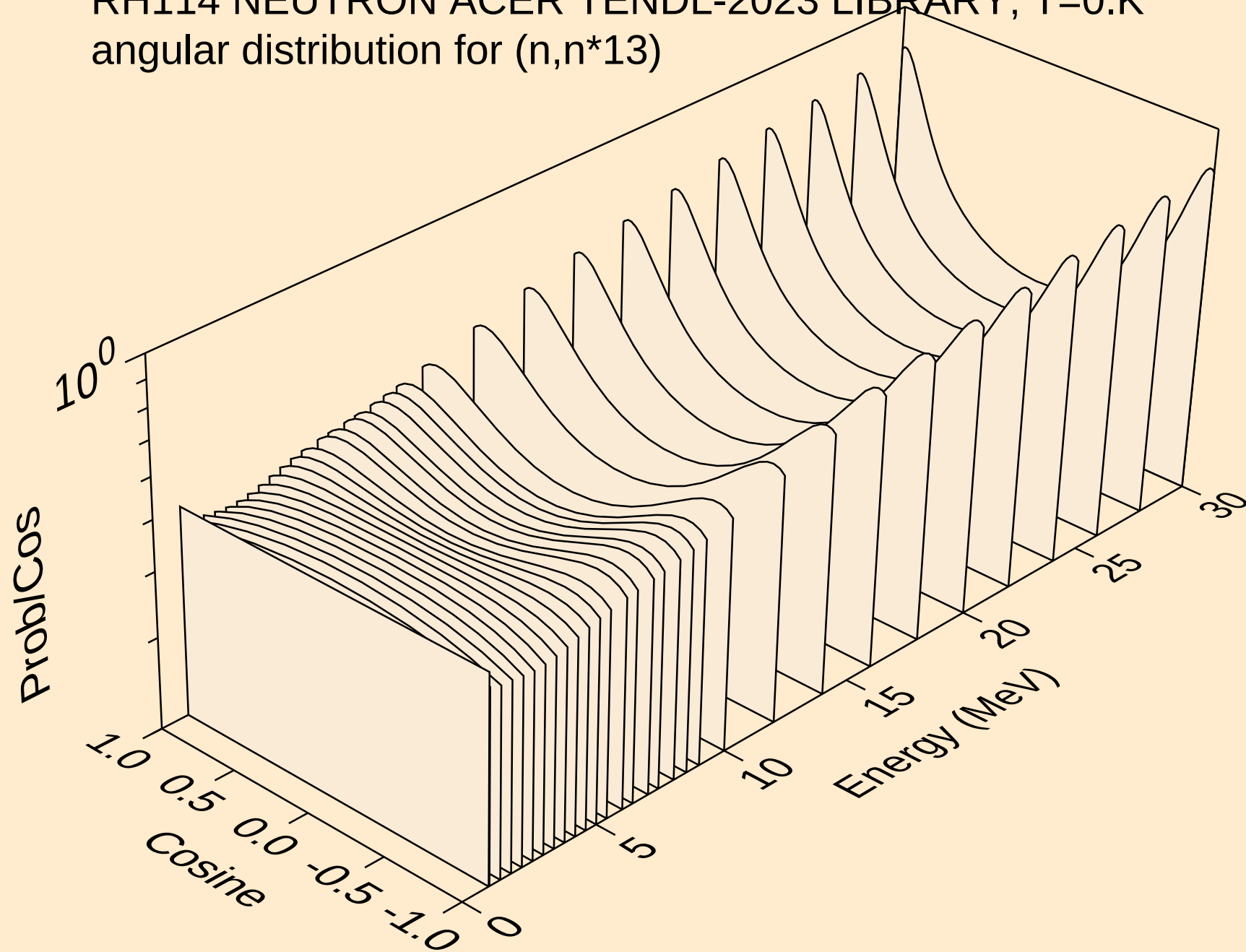
RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*12)

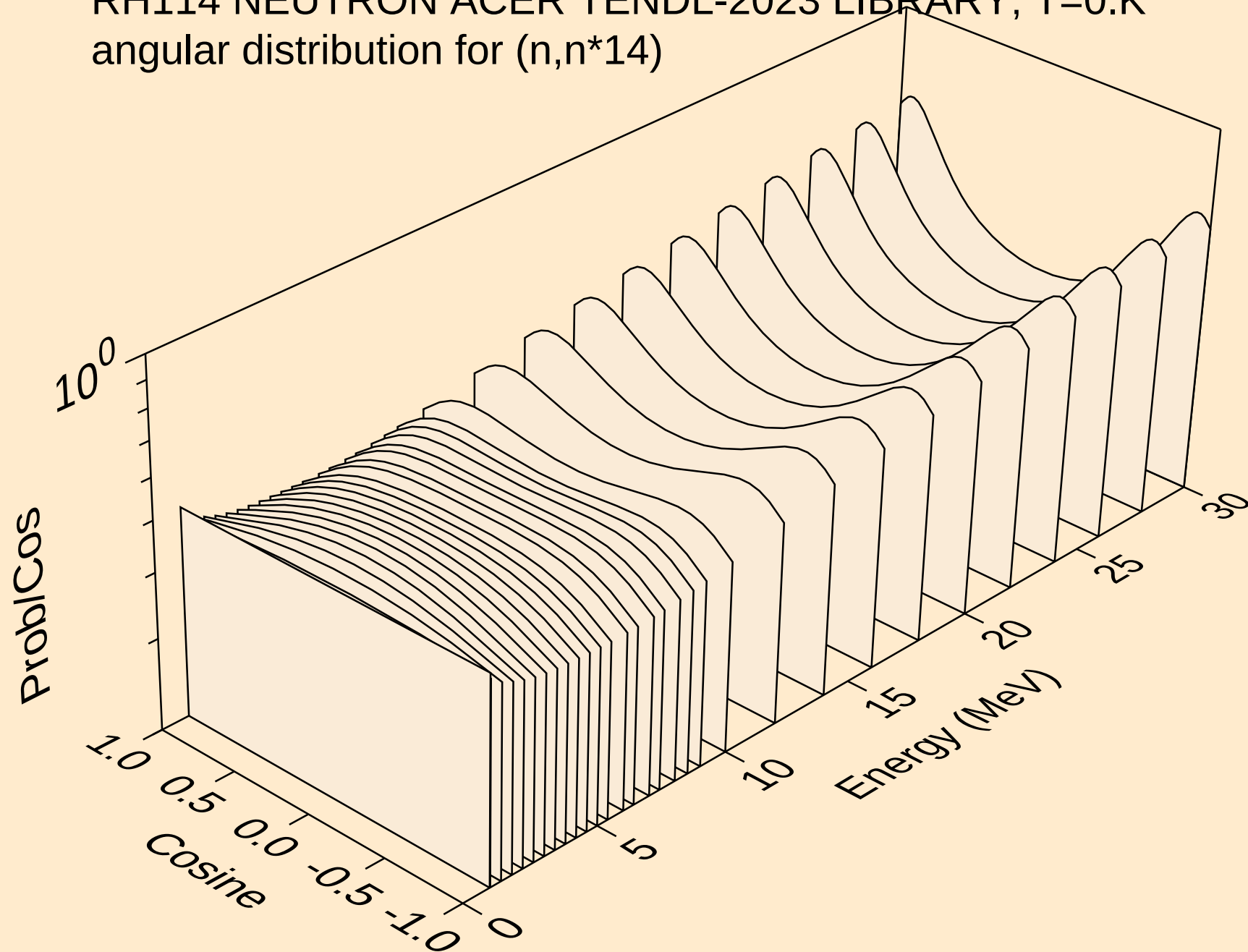


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angular distribution for (n,n\*13)

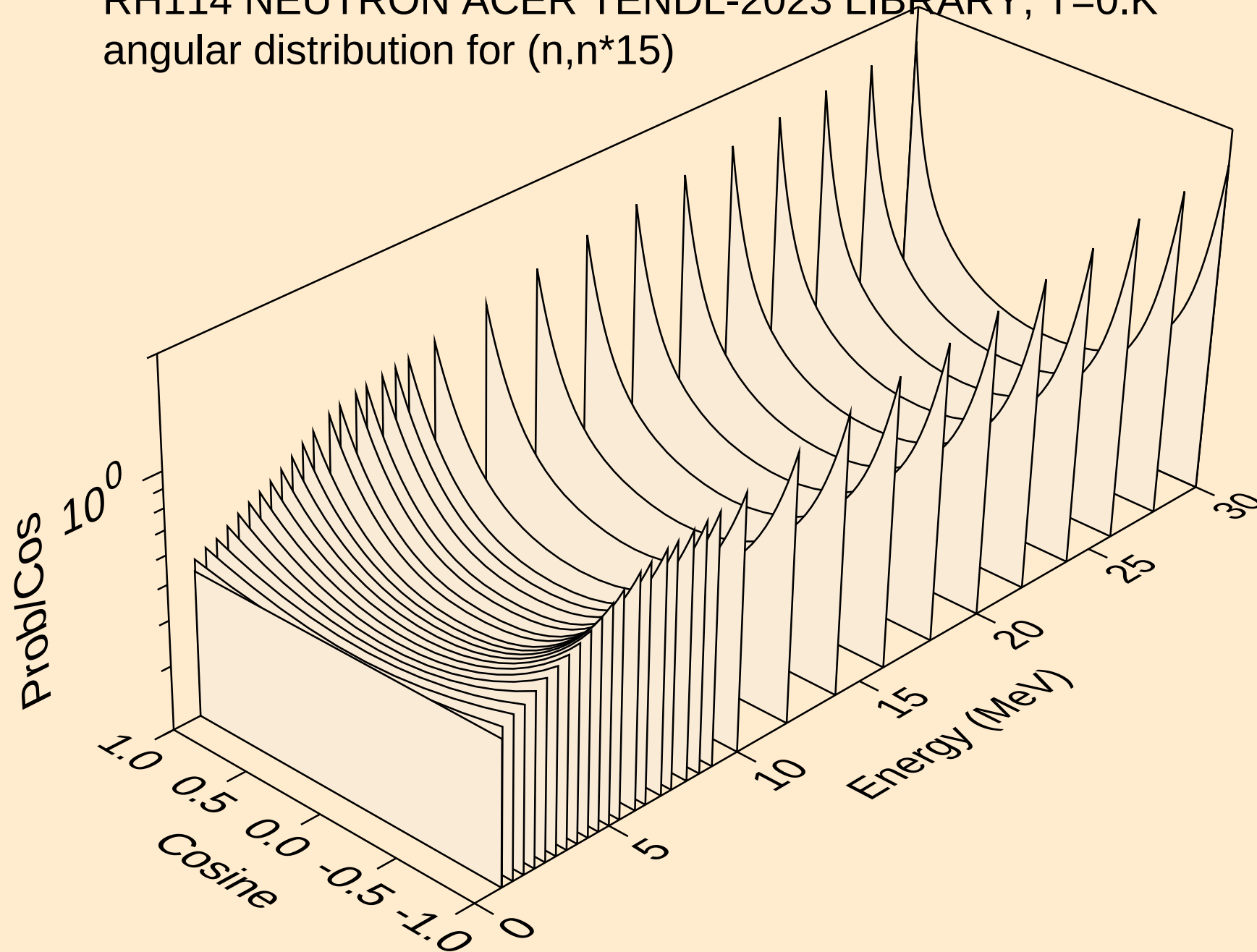




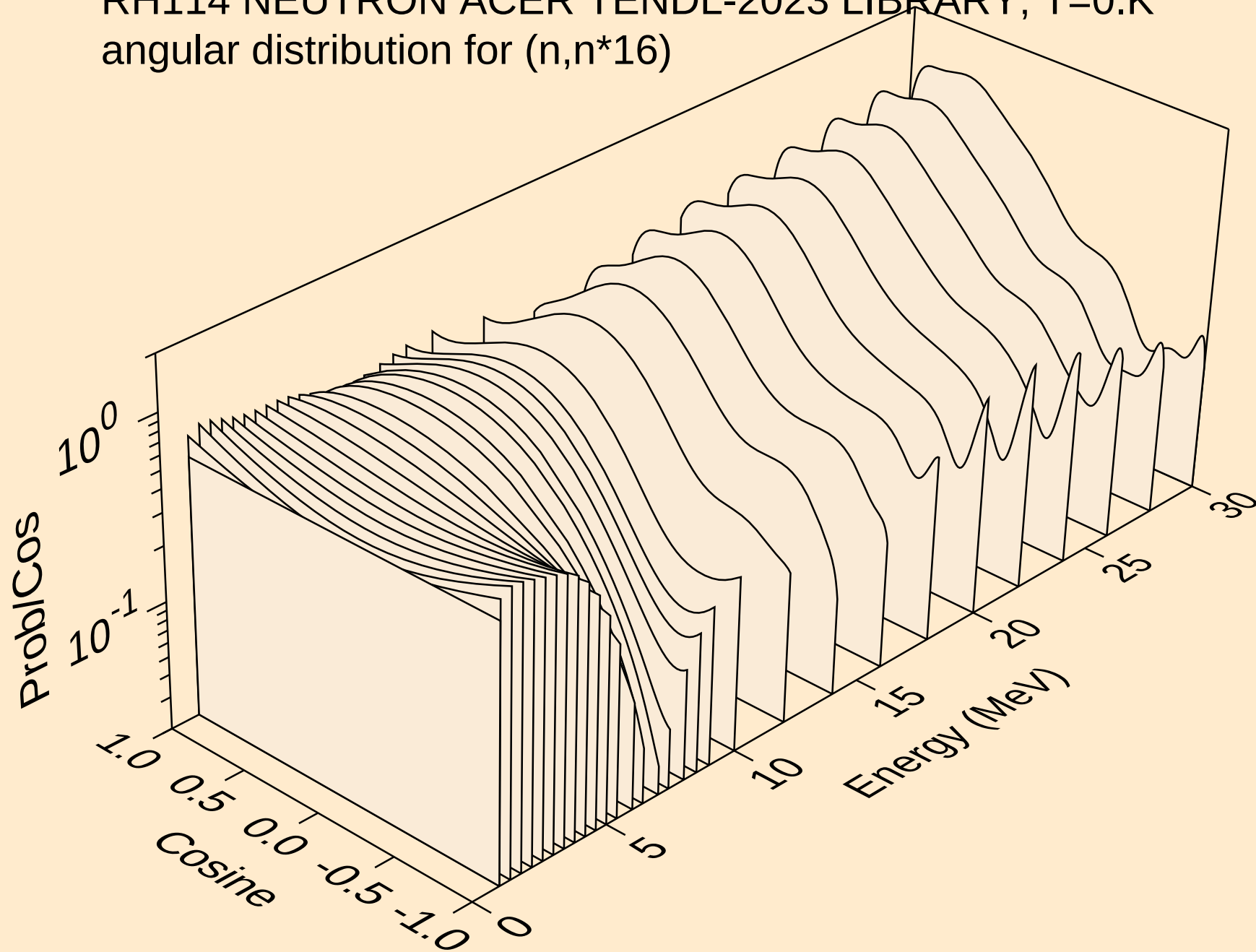
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angular distribution for (n,n\*14)



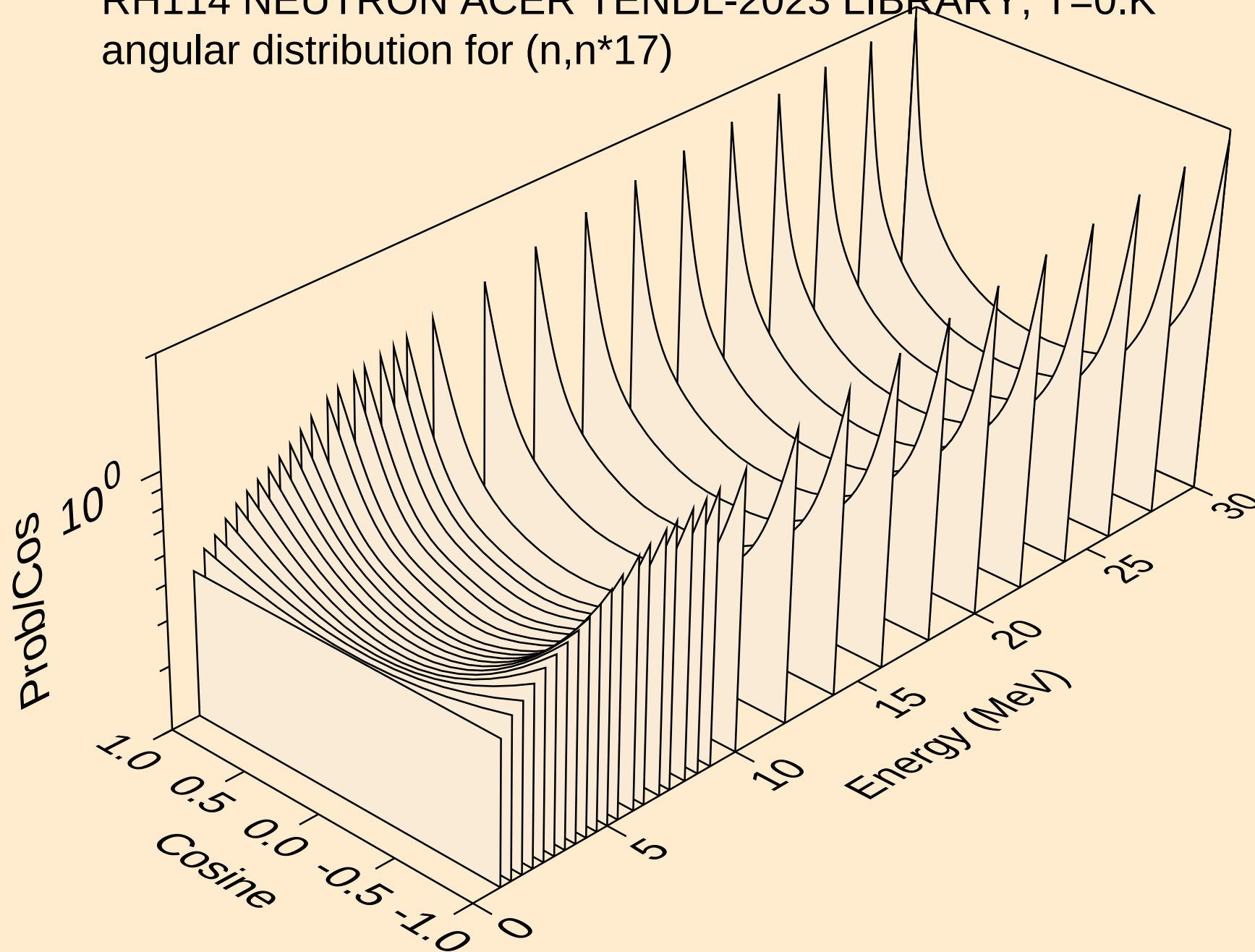
RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



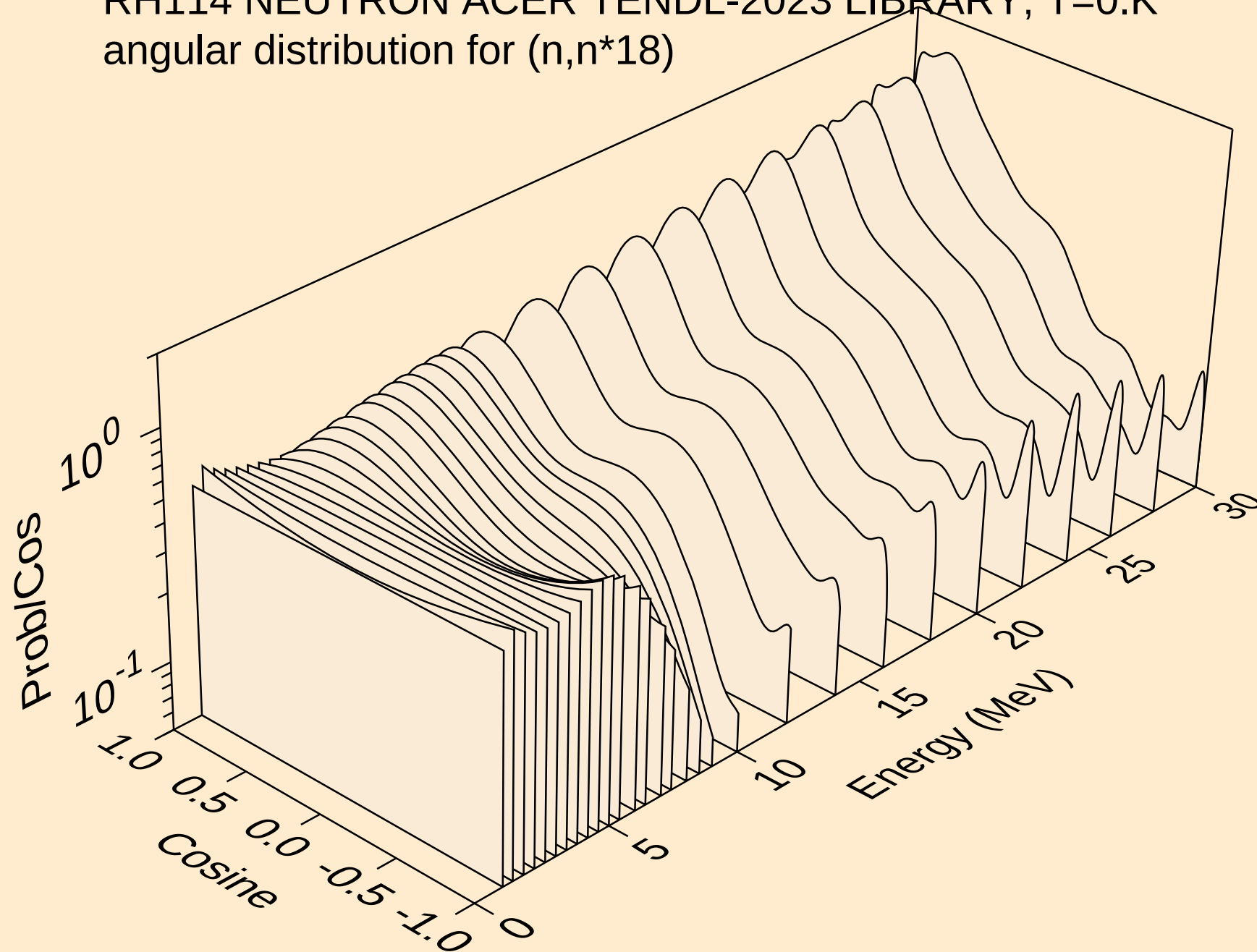
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angular distribution for (n,n\*16)



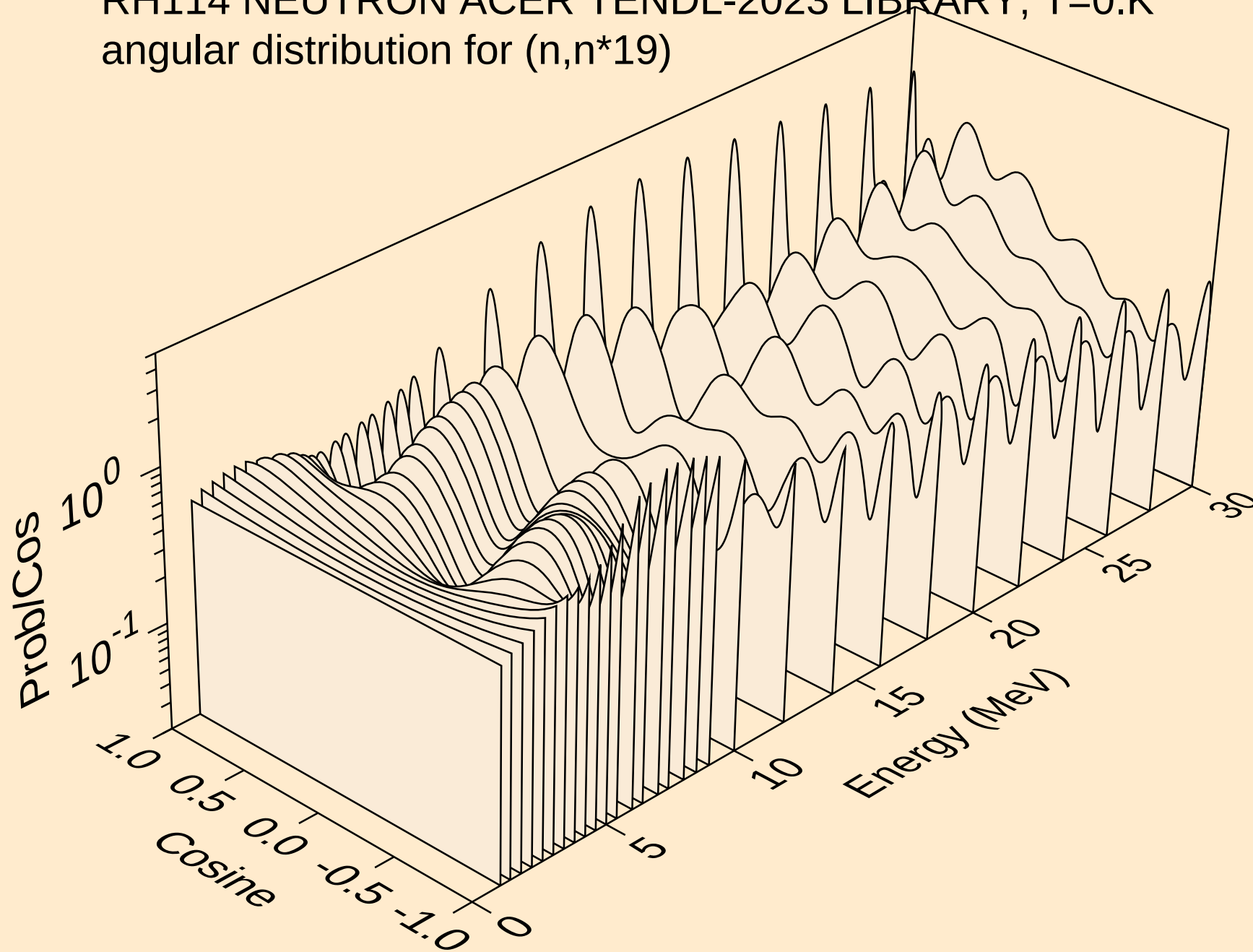
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angular distribution for (n,n\*17)



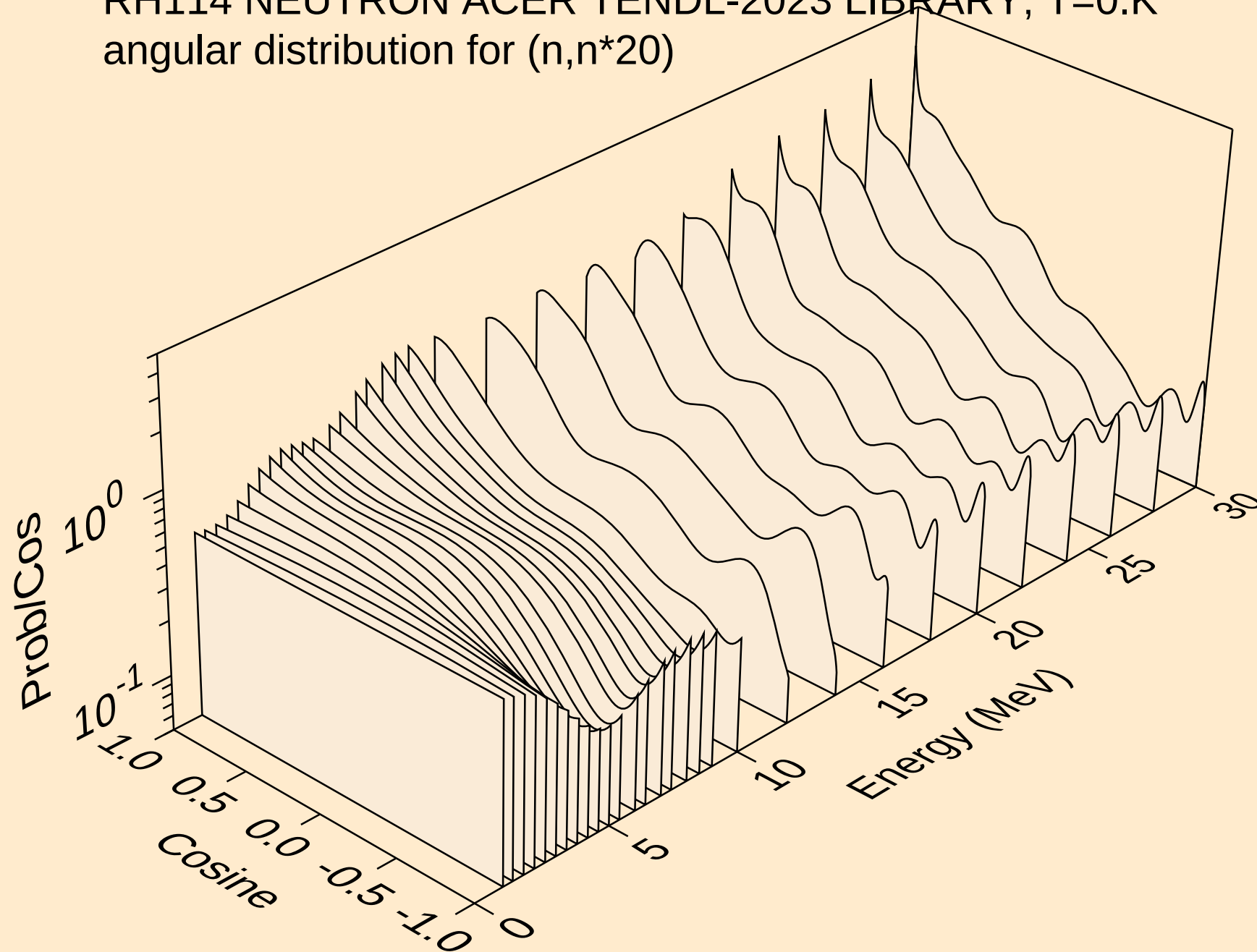
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angular distribution for (n,n\*18)



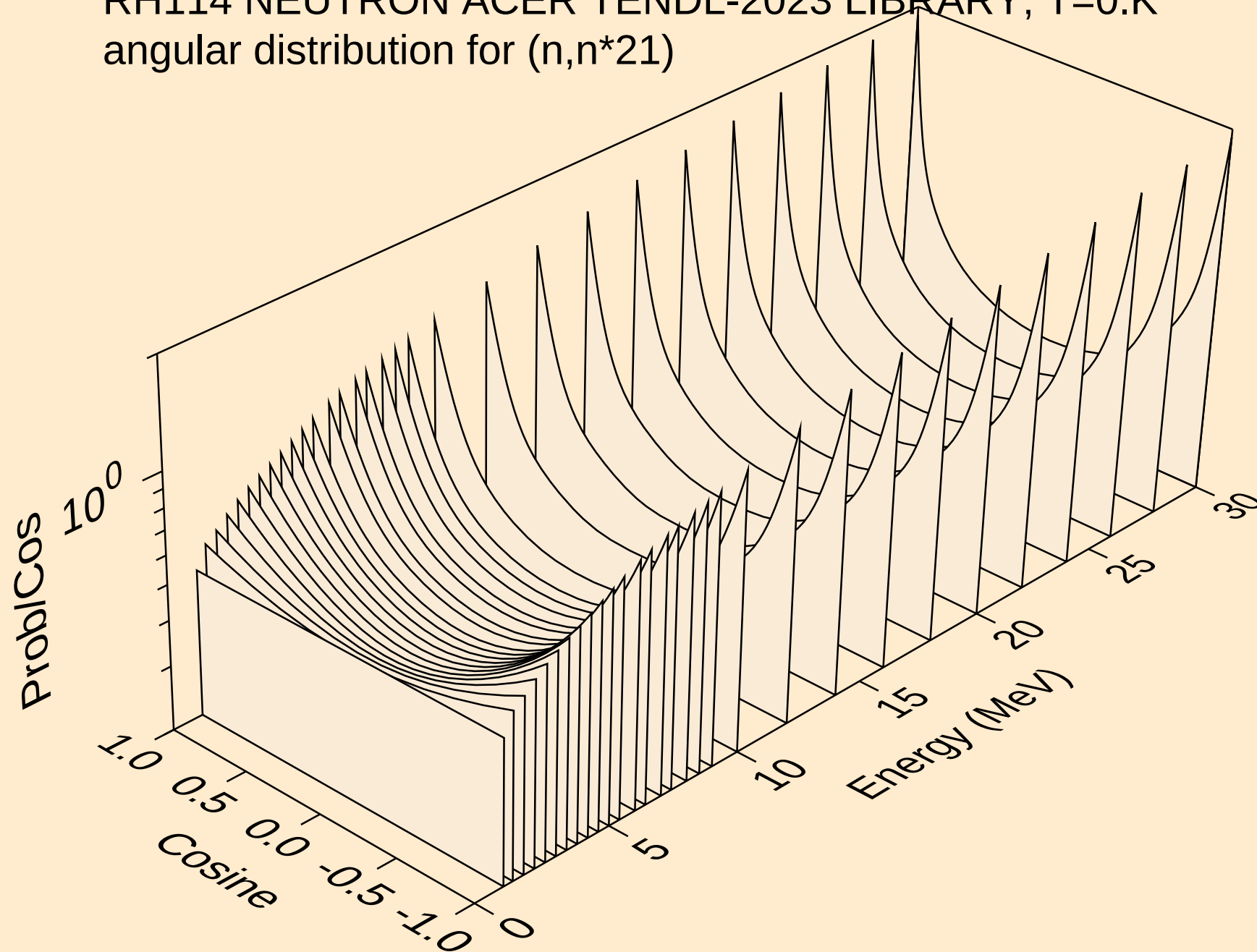
RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*19)



RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*20)

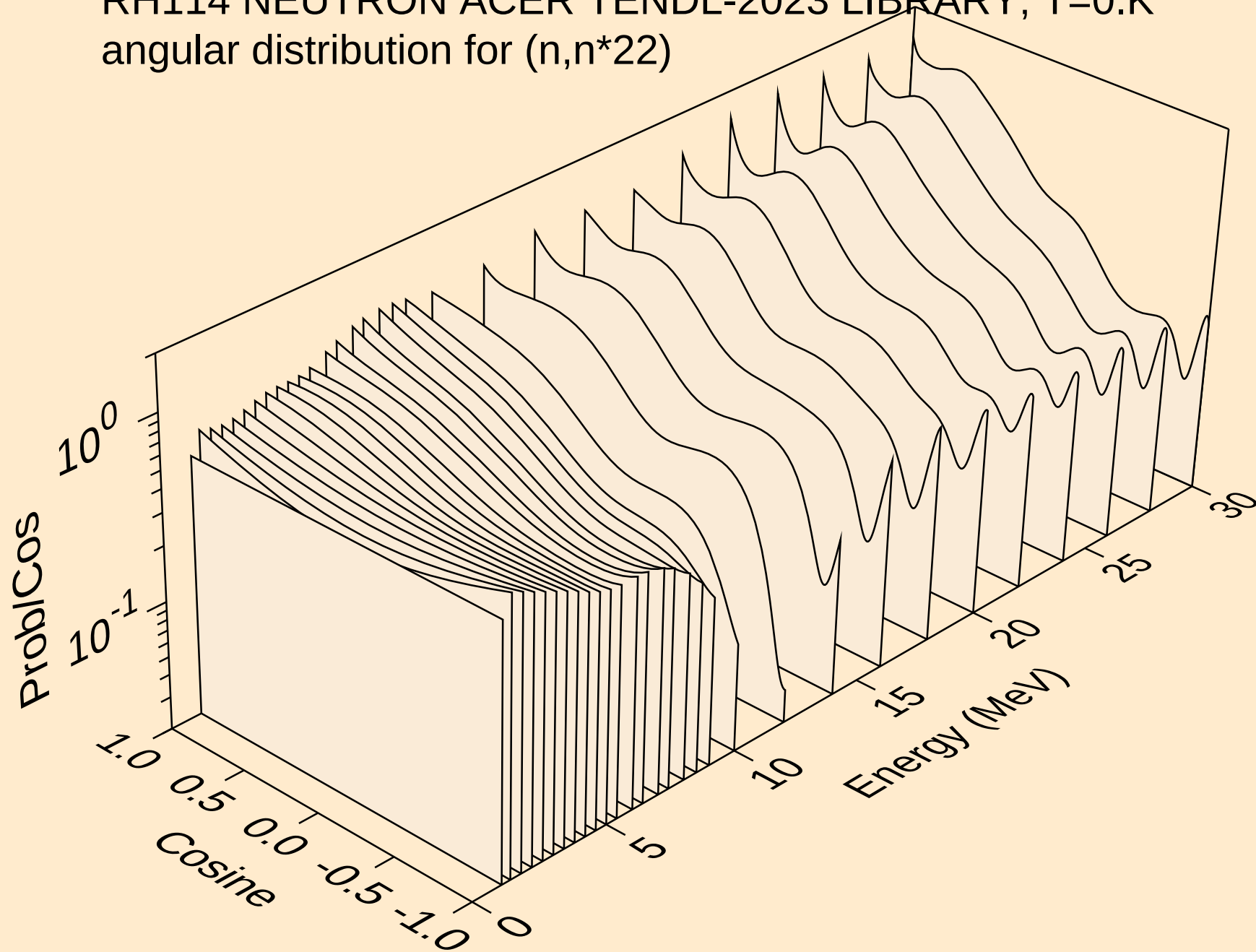


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angular distribution for (n,n\*21)

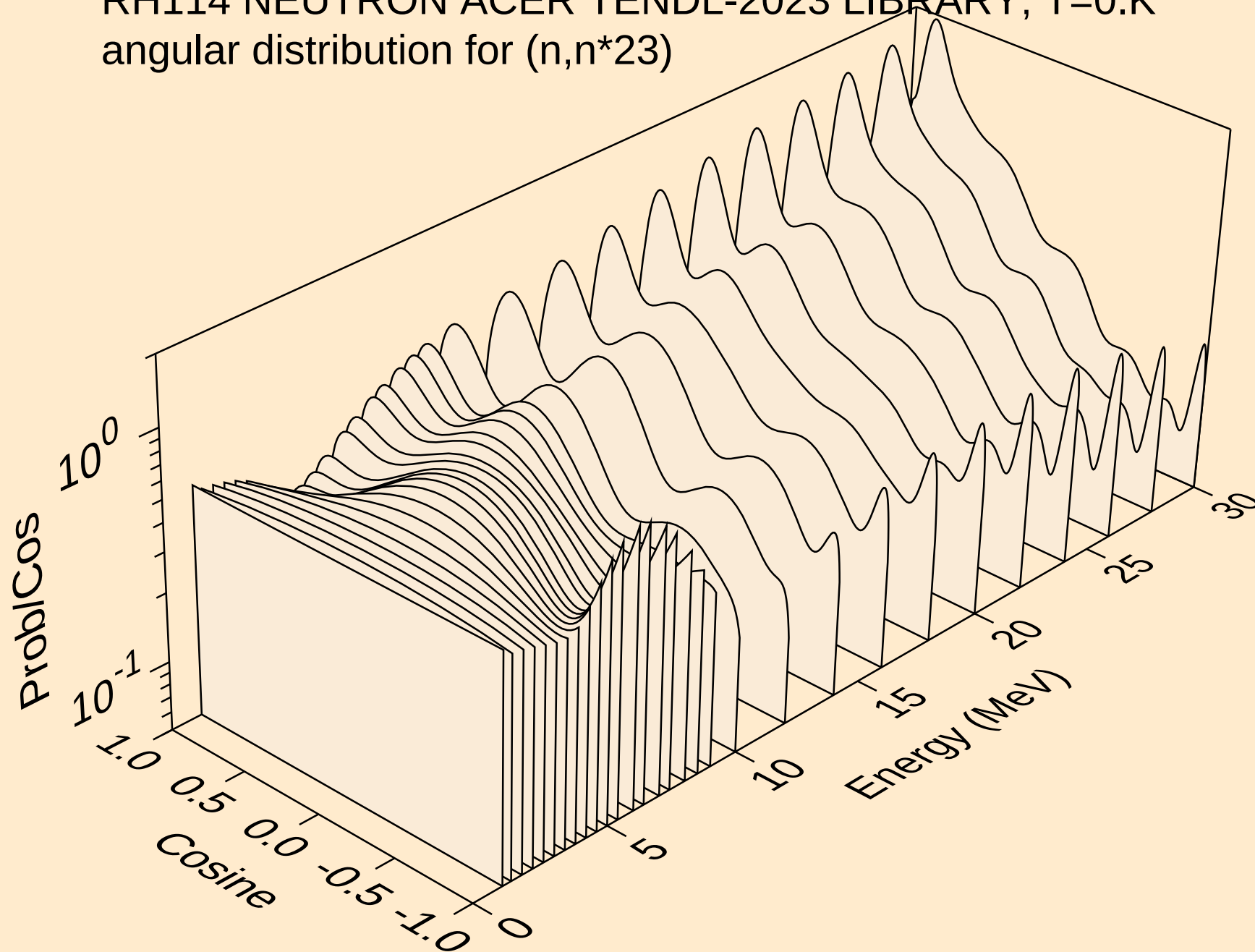




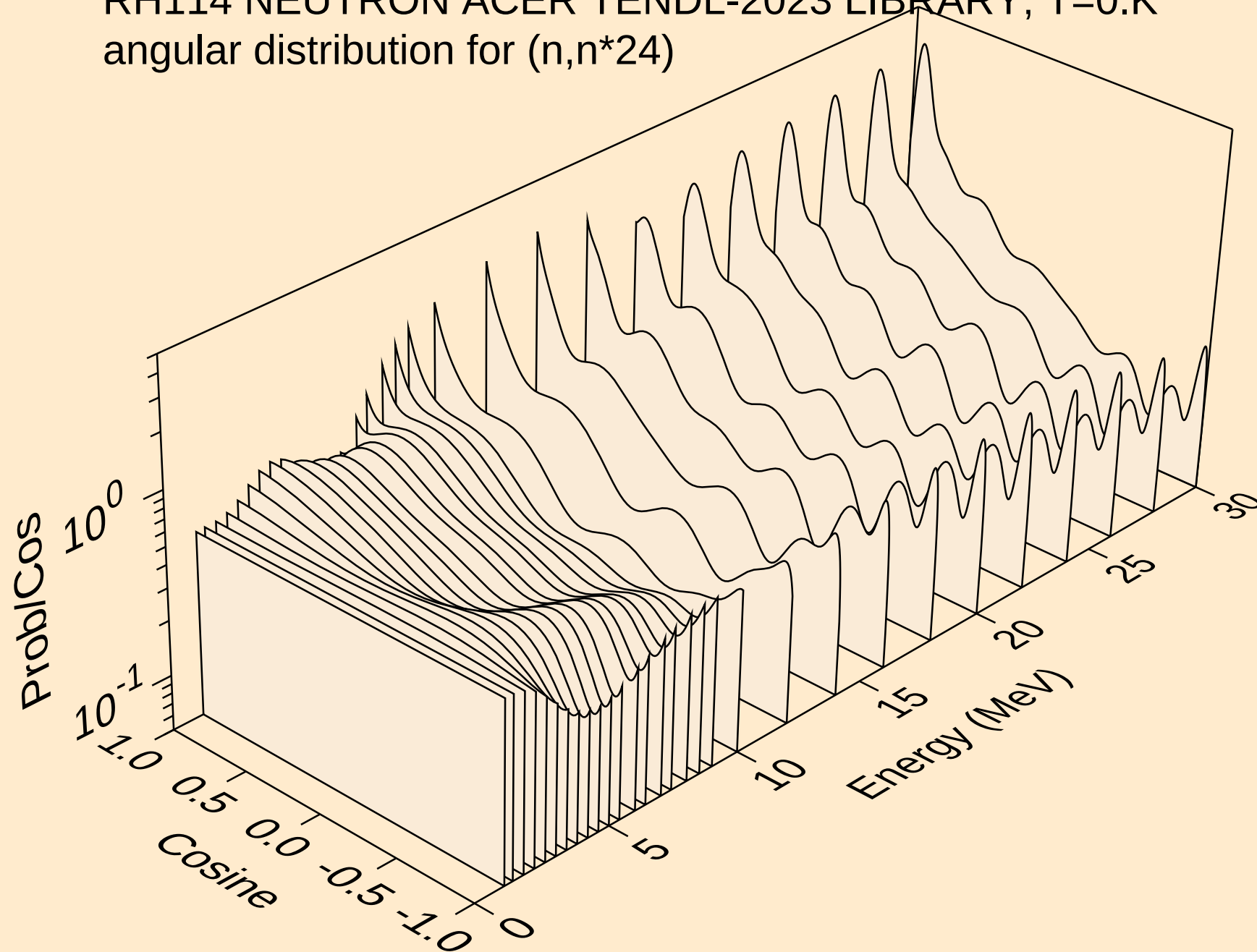
RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*22)



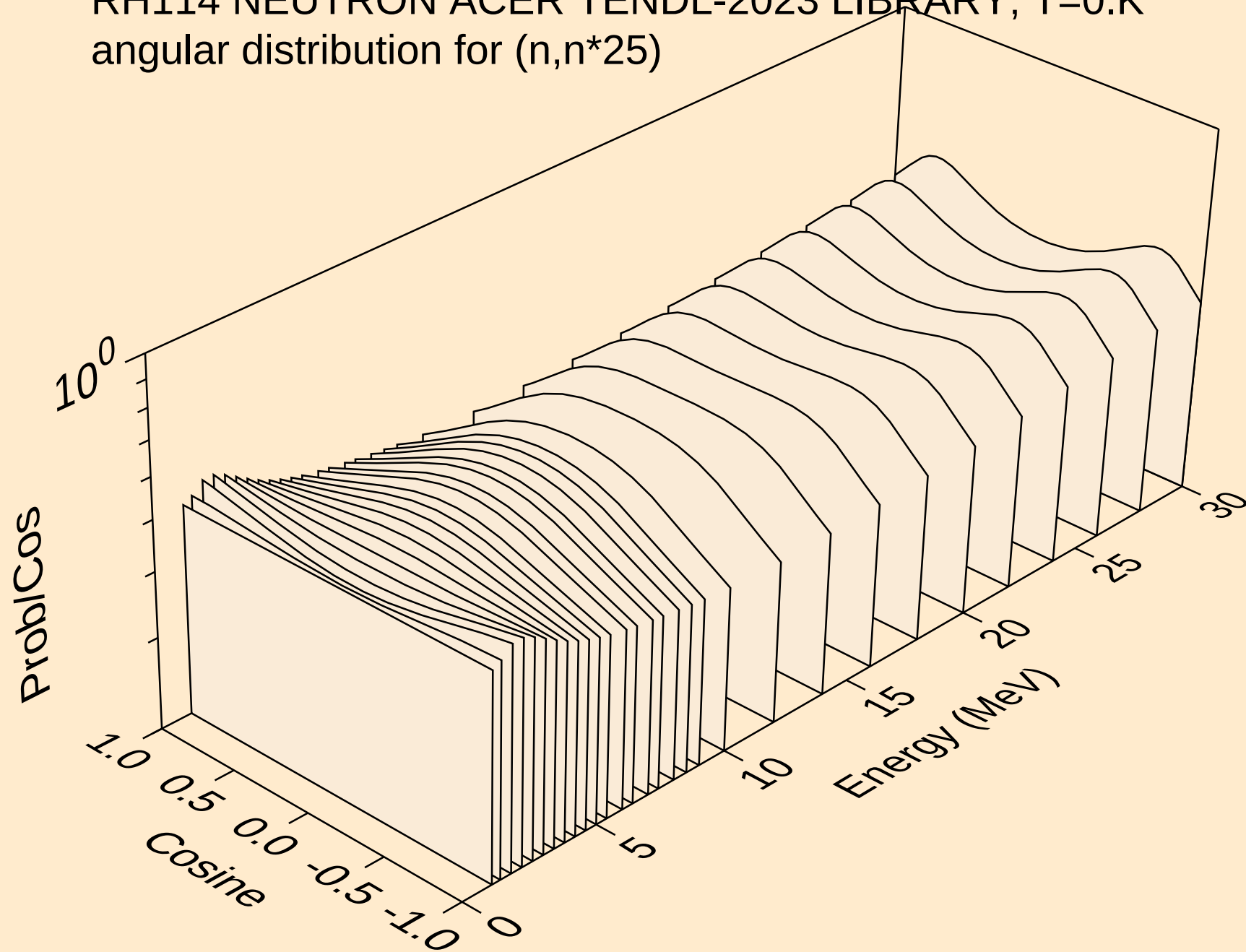
RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*23)



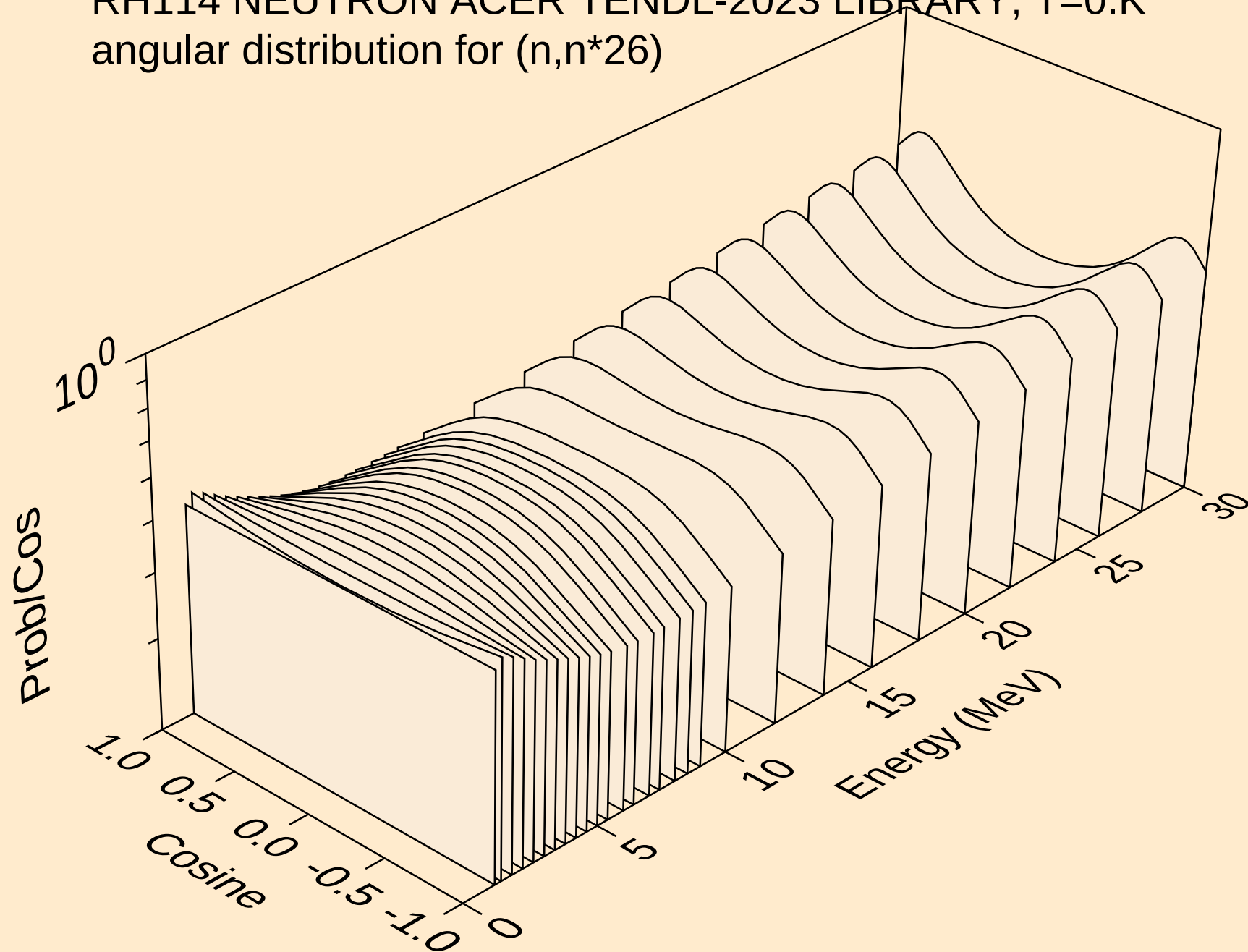
RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*24)



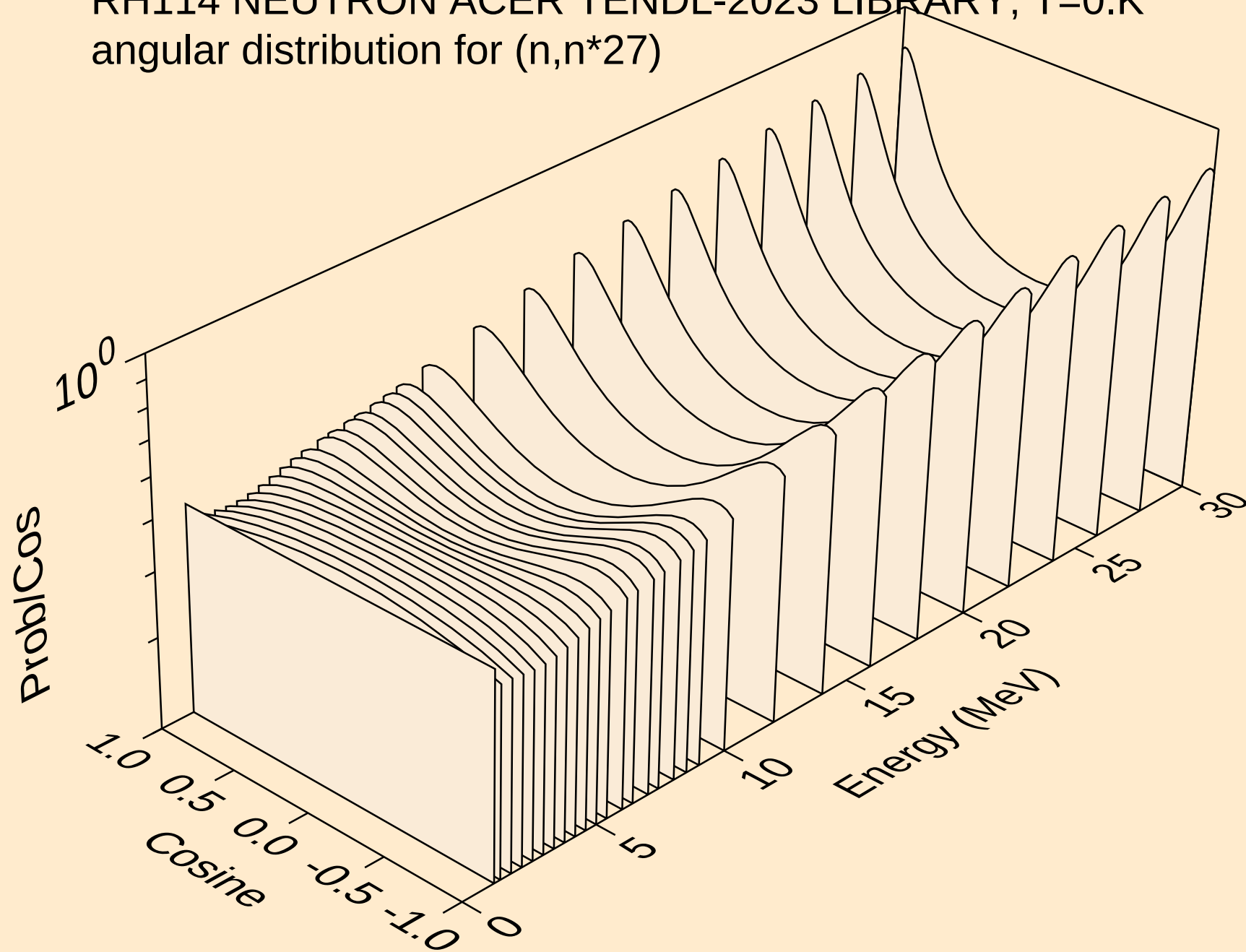
RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



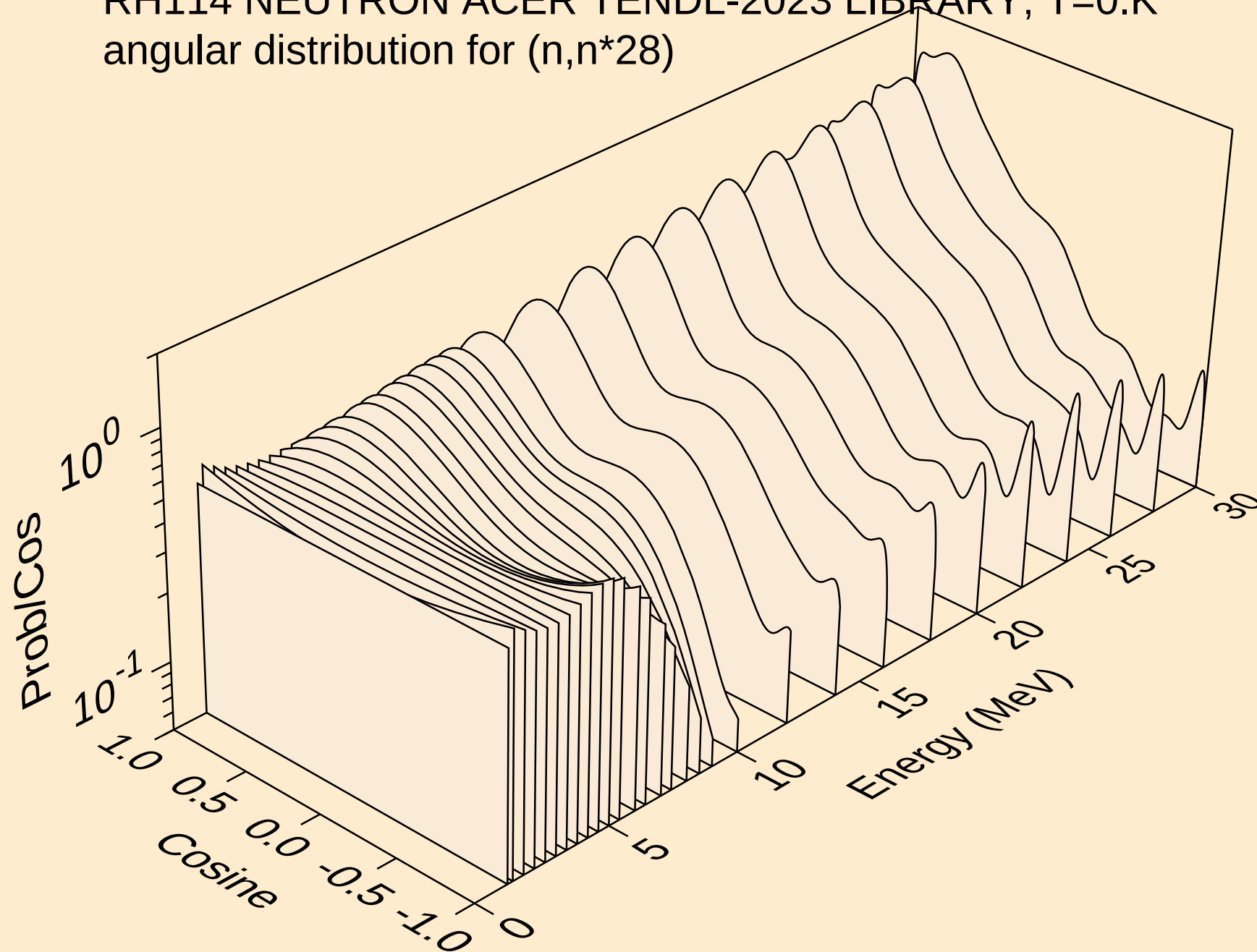
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angular distribution for (n,n\*26)



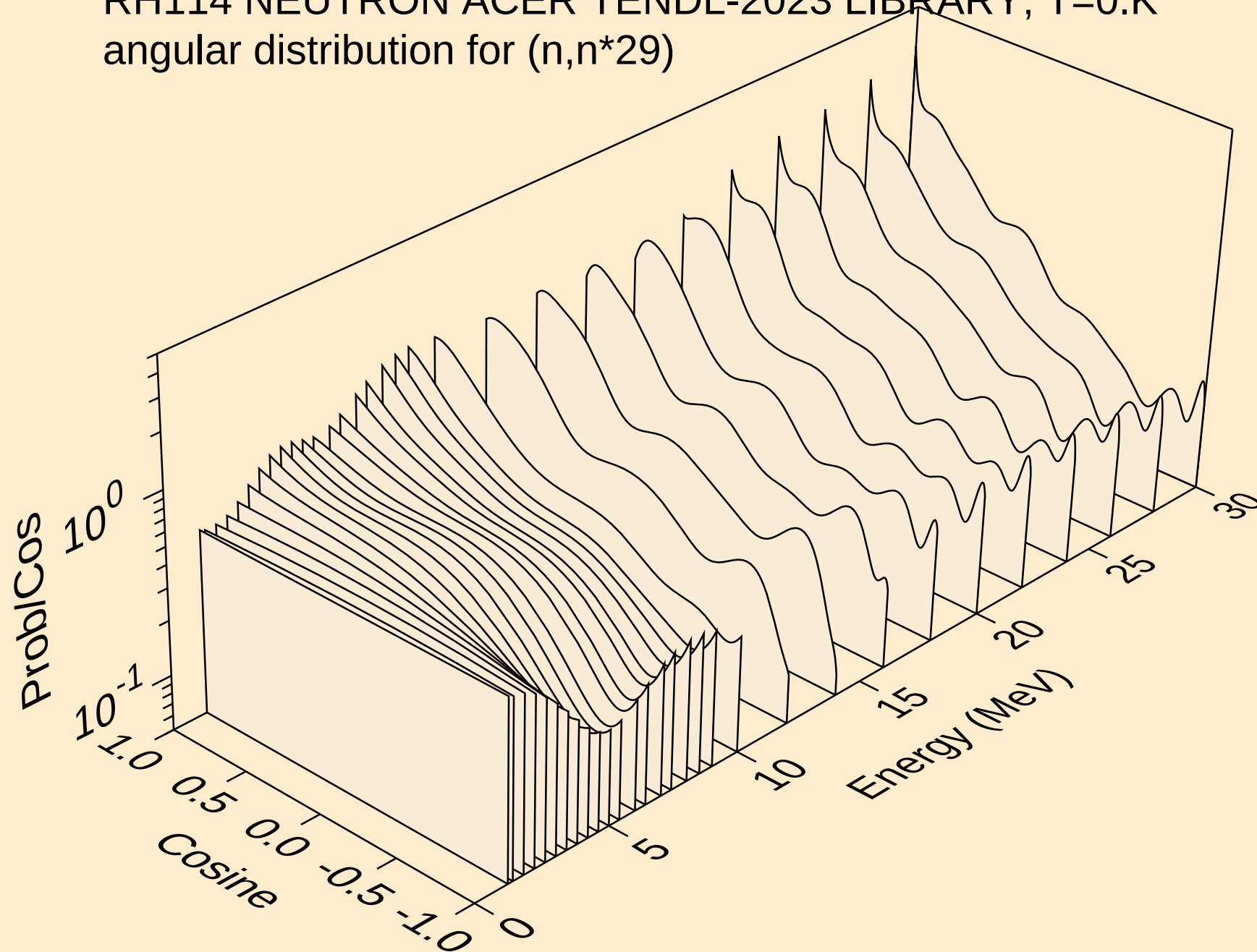
RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*27)



RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*28)

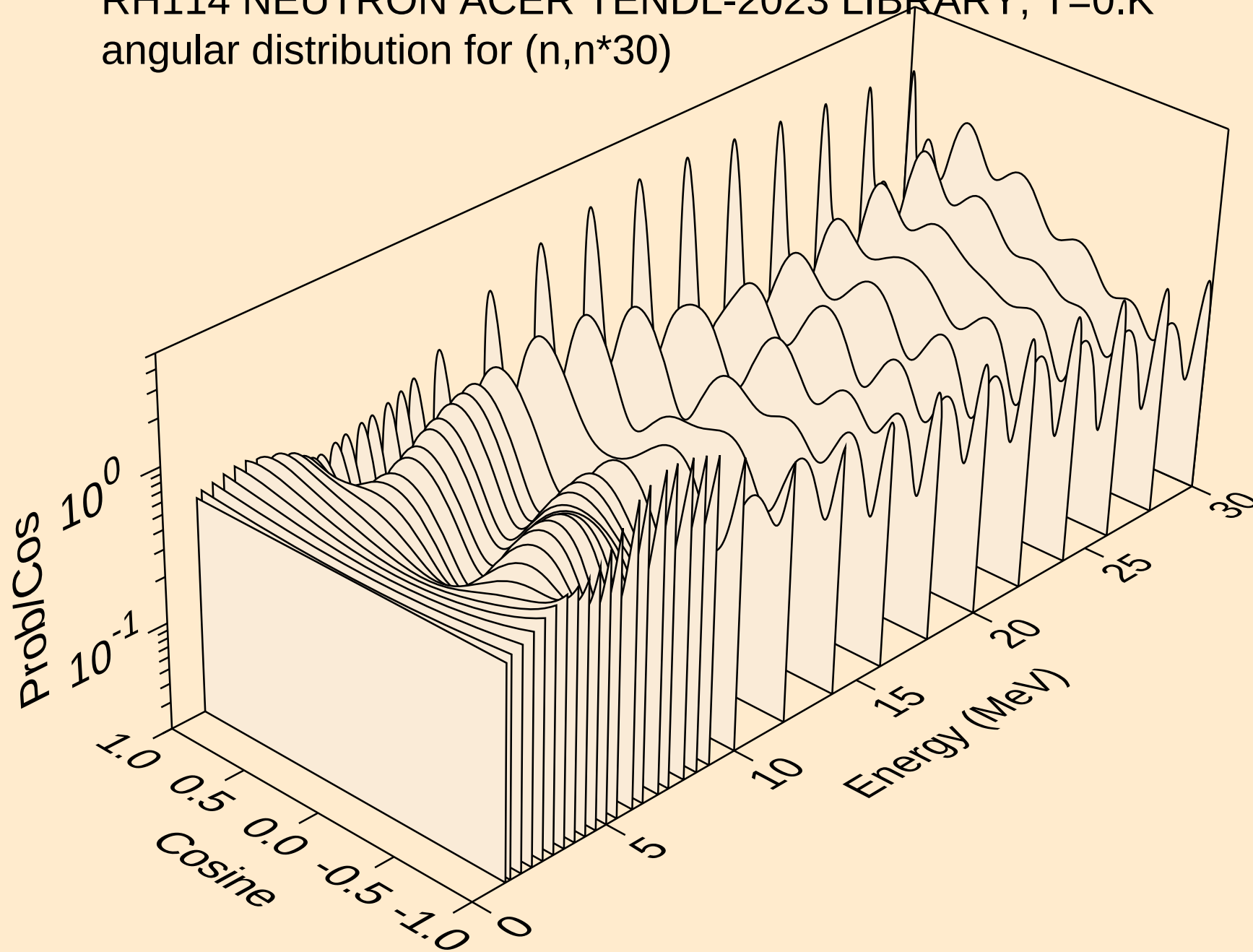


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angular distribution for (n,n\*29)

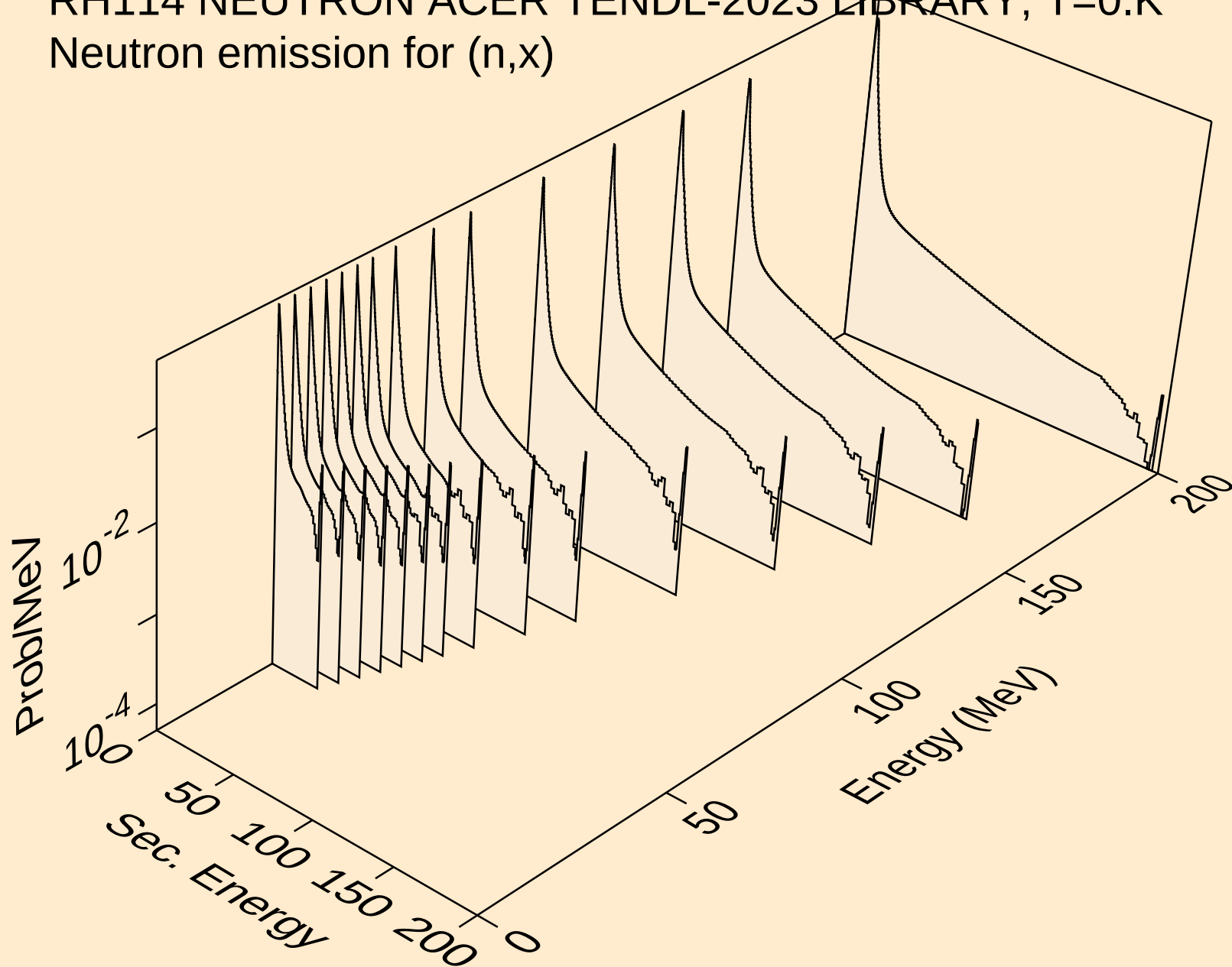




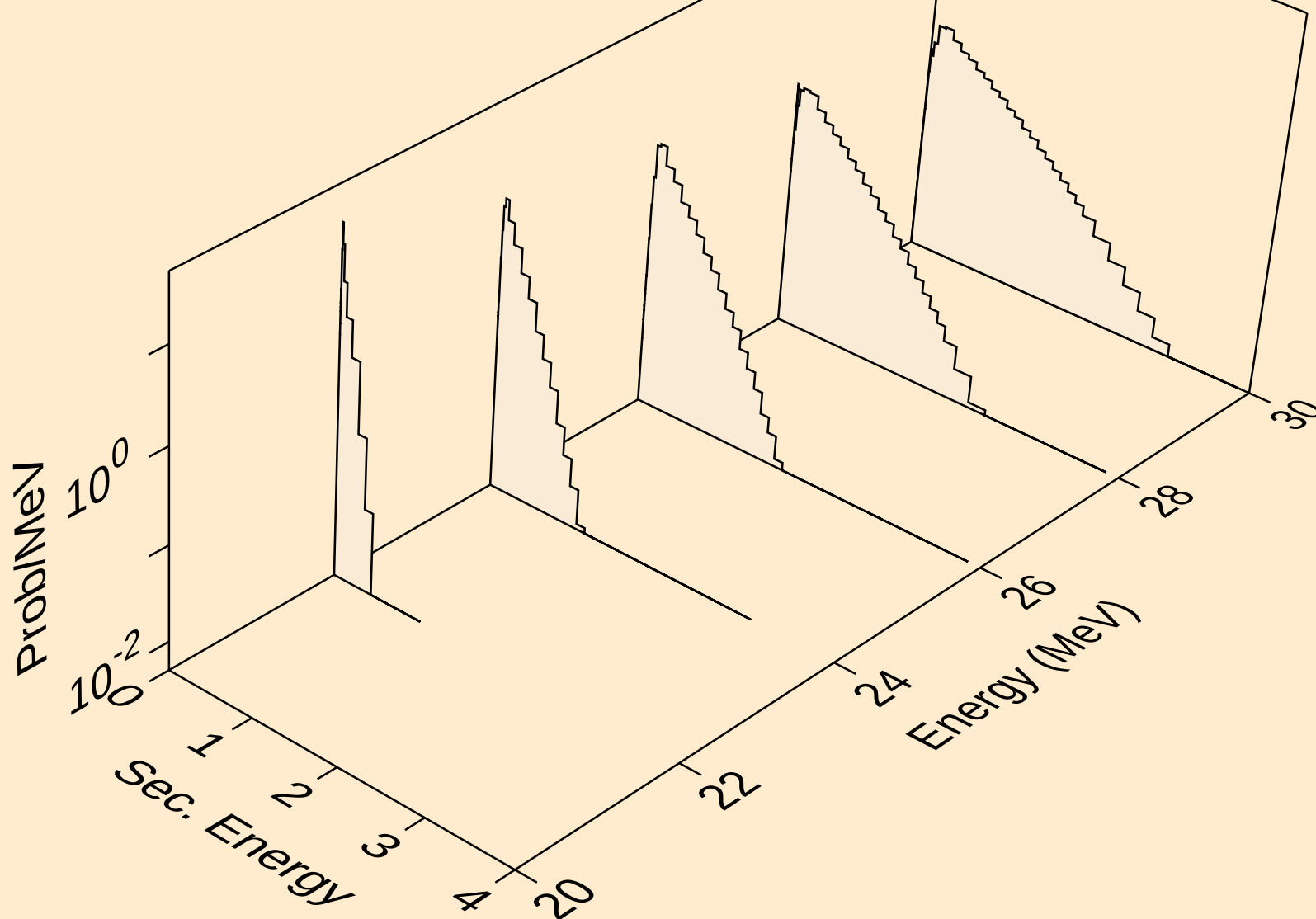
RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*30)



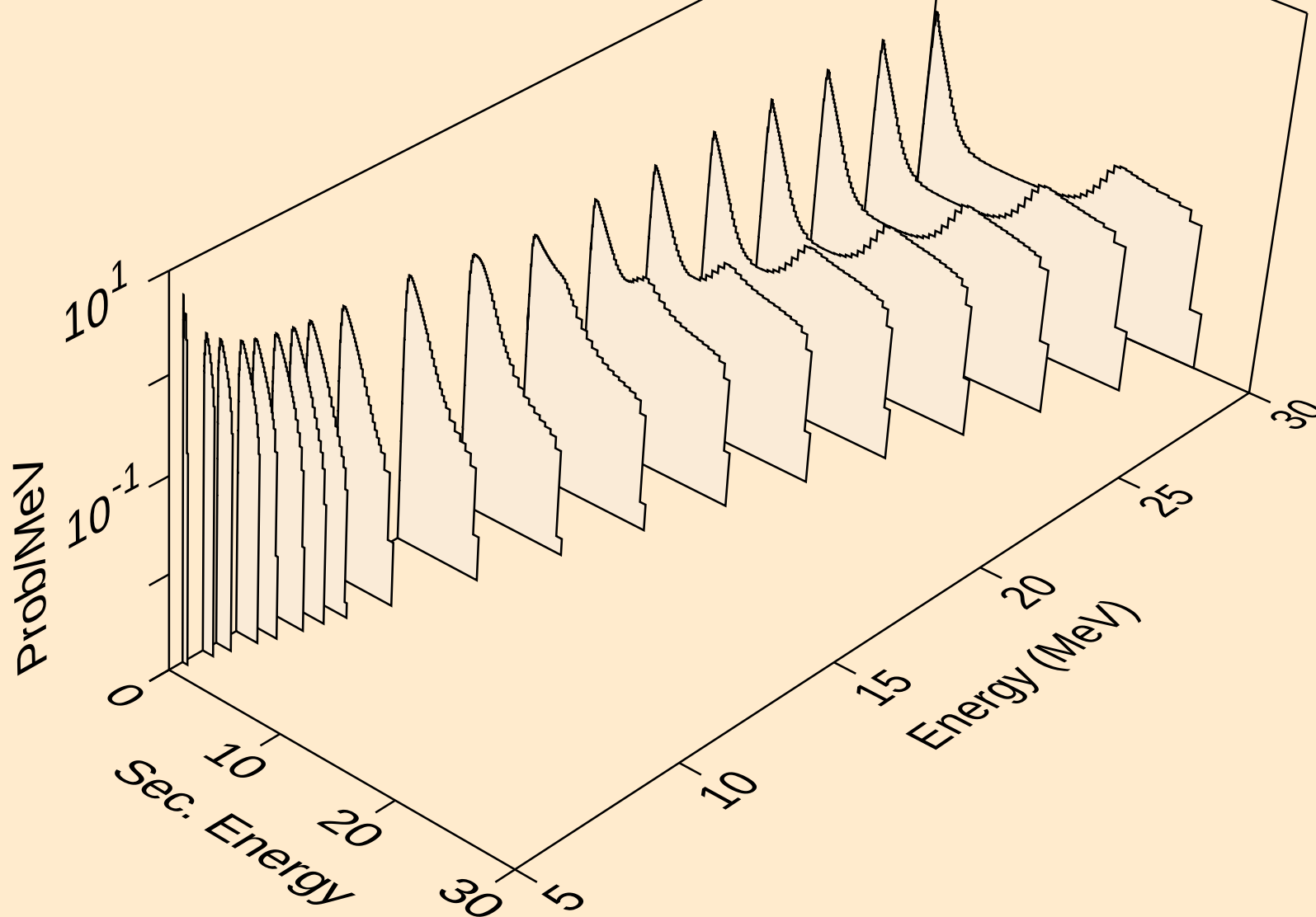
RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



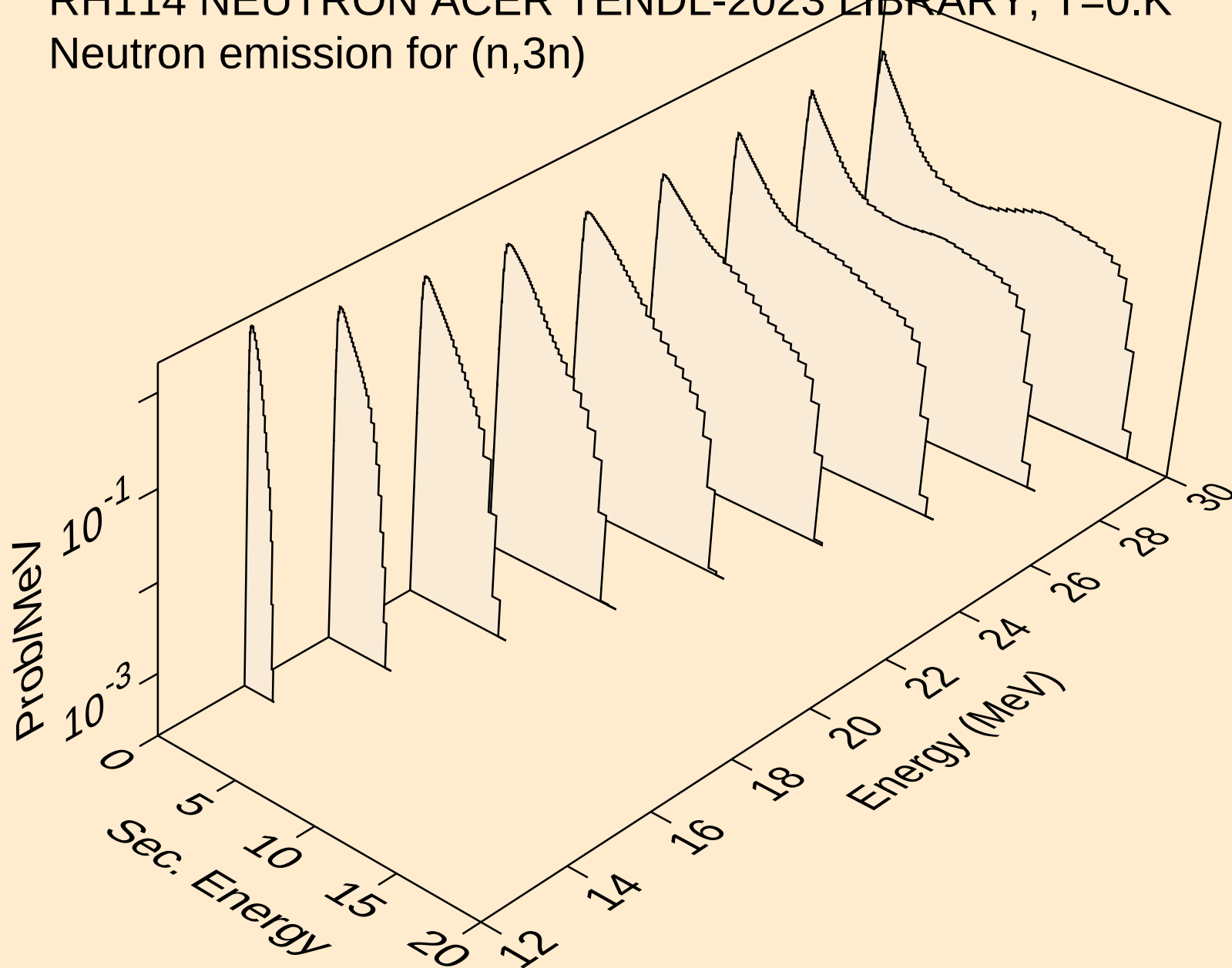
RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



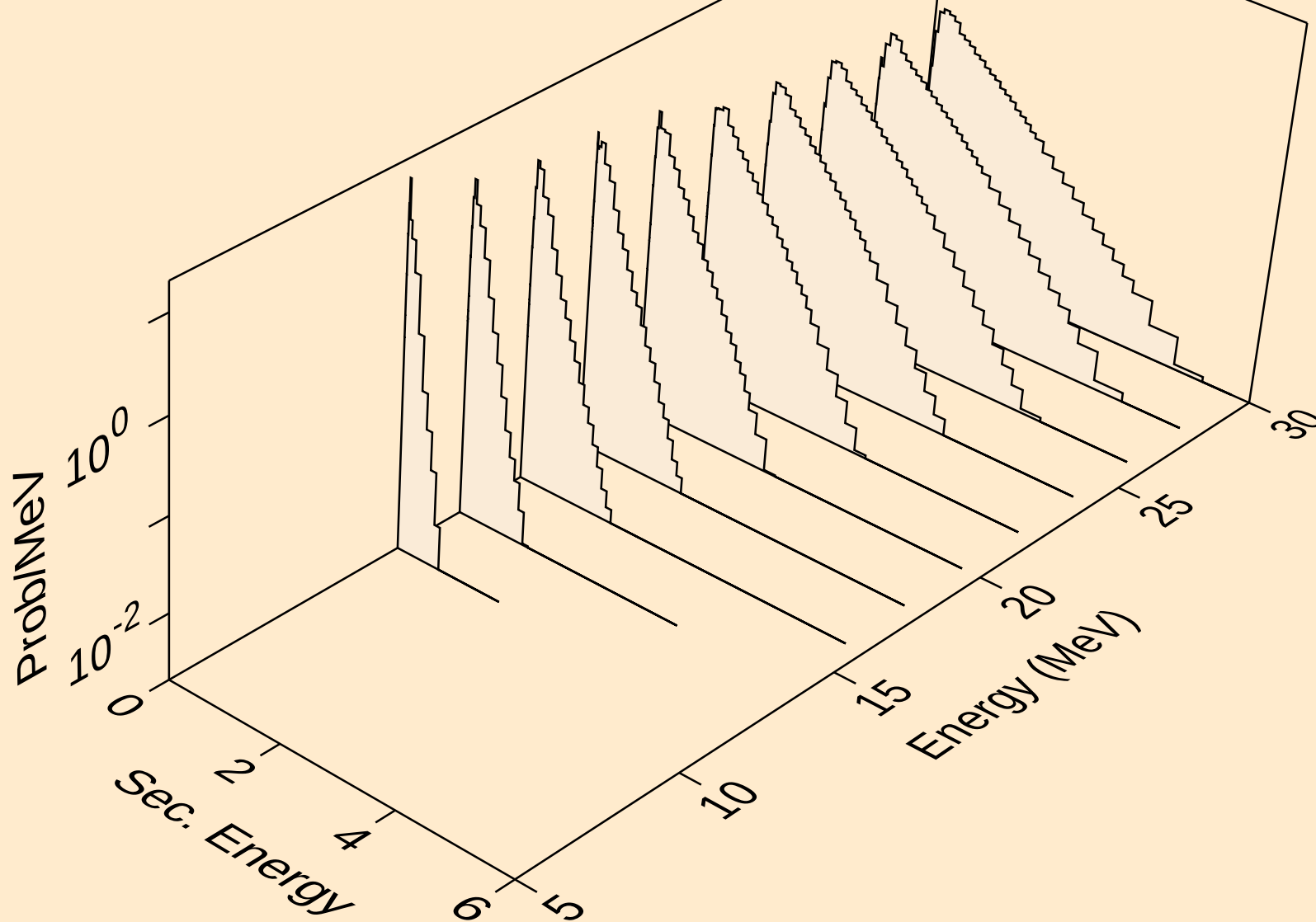
RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)



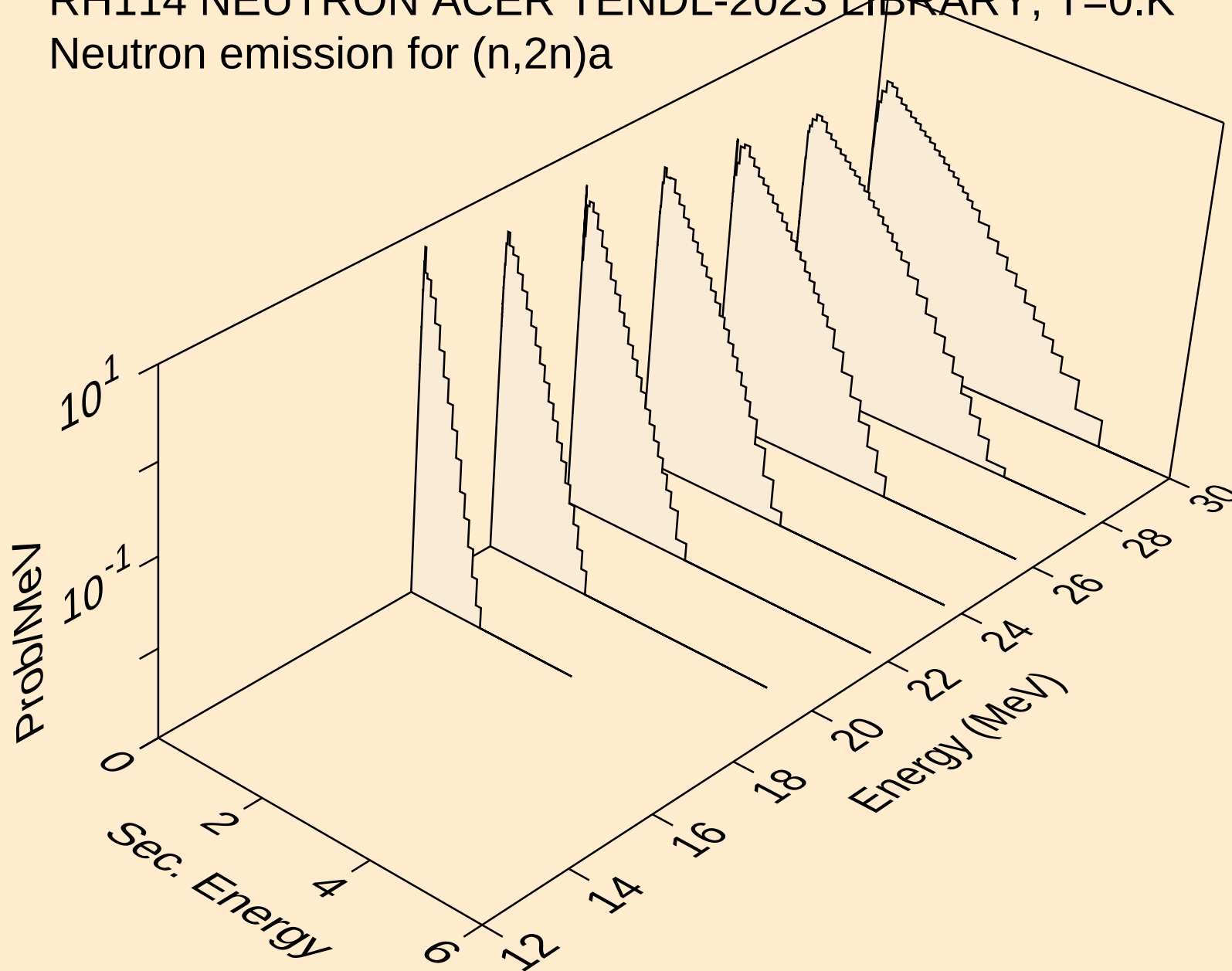
RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)



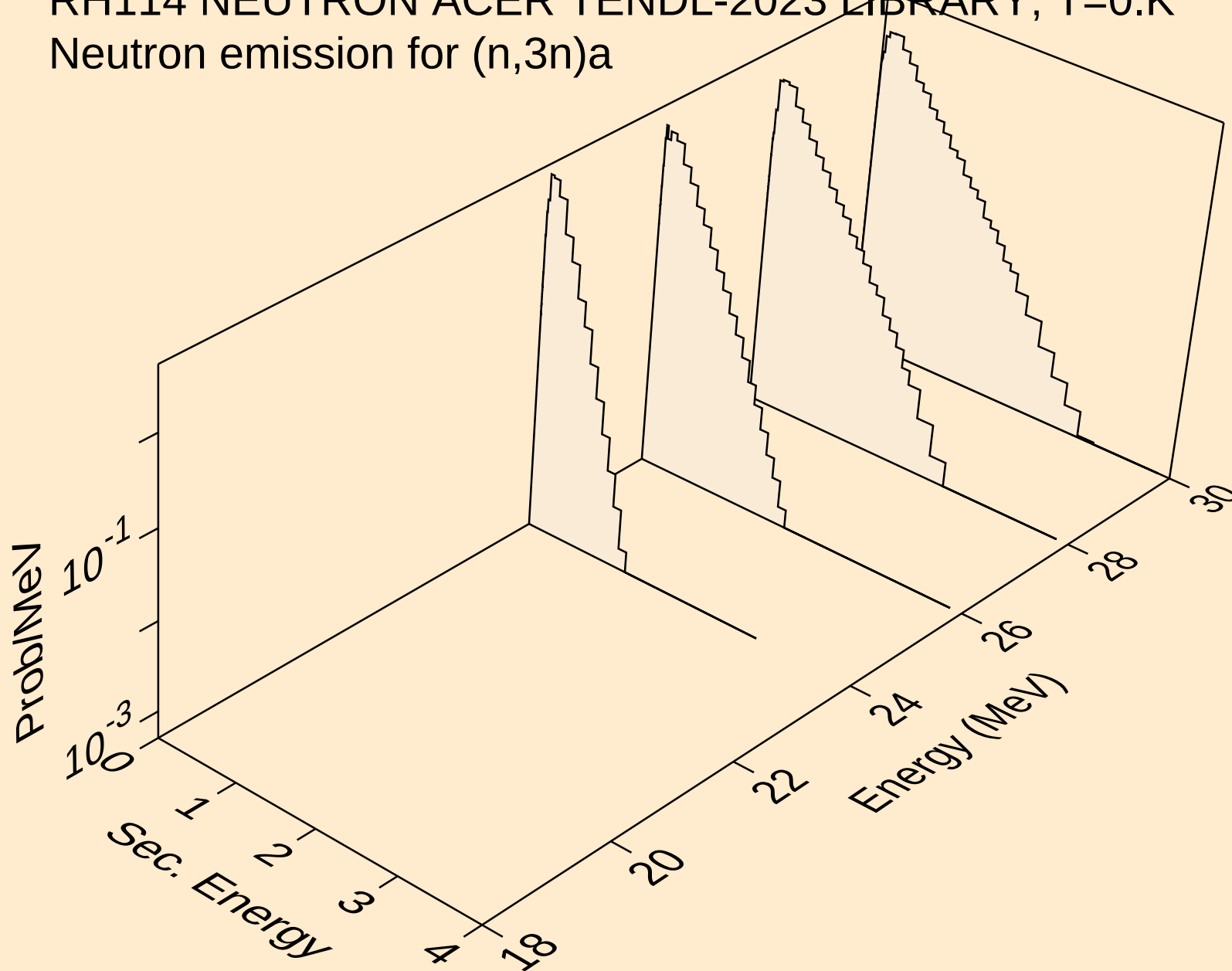
RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)<sub>a</sub>

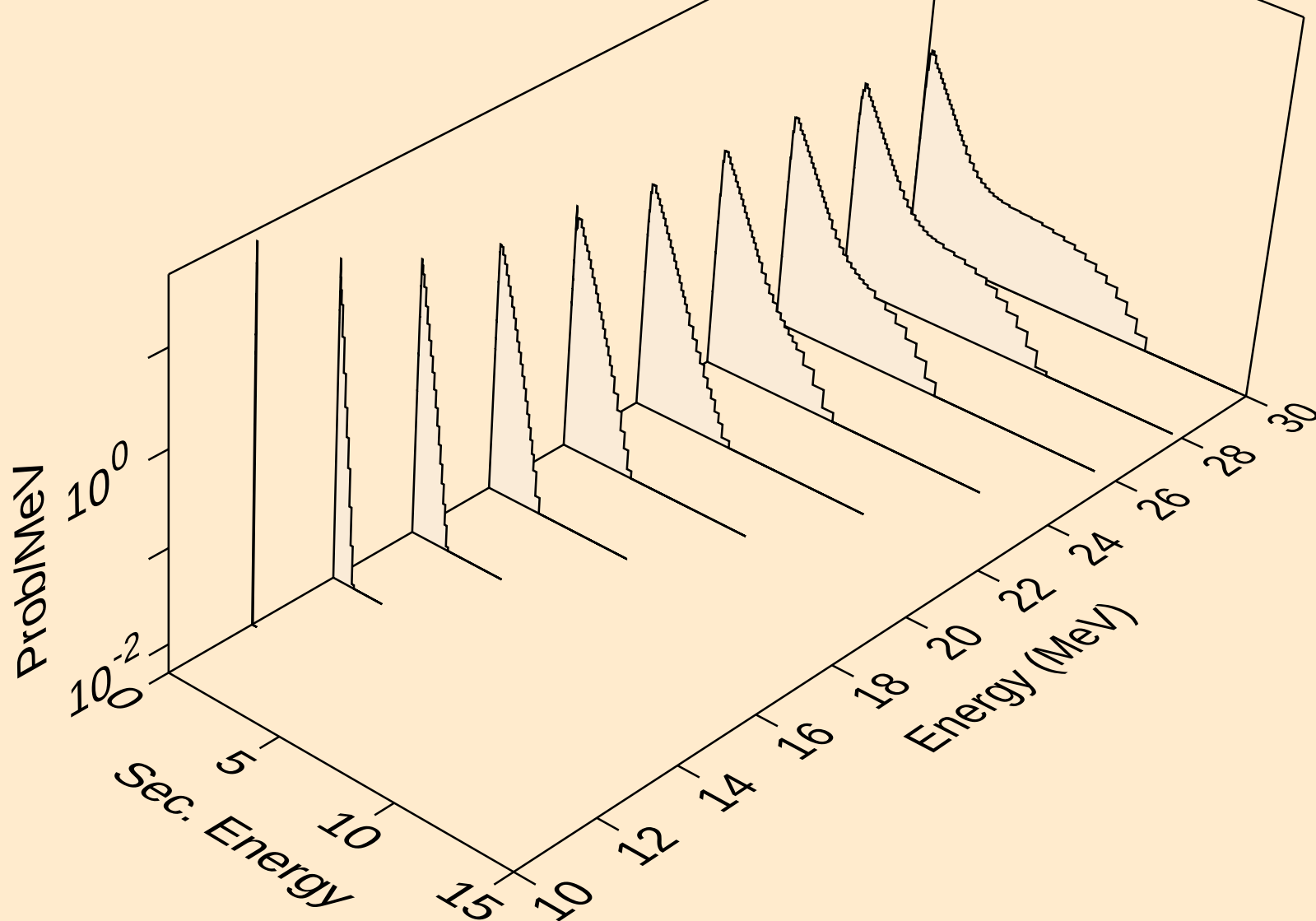


RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)a

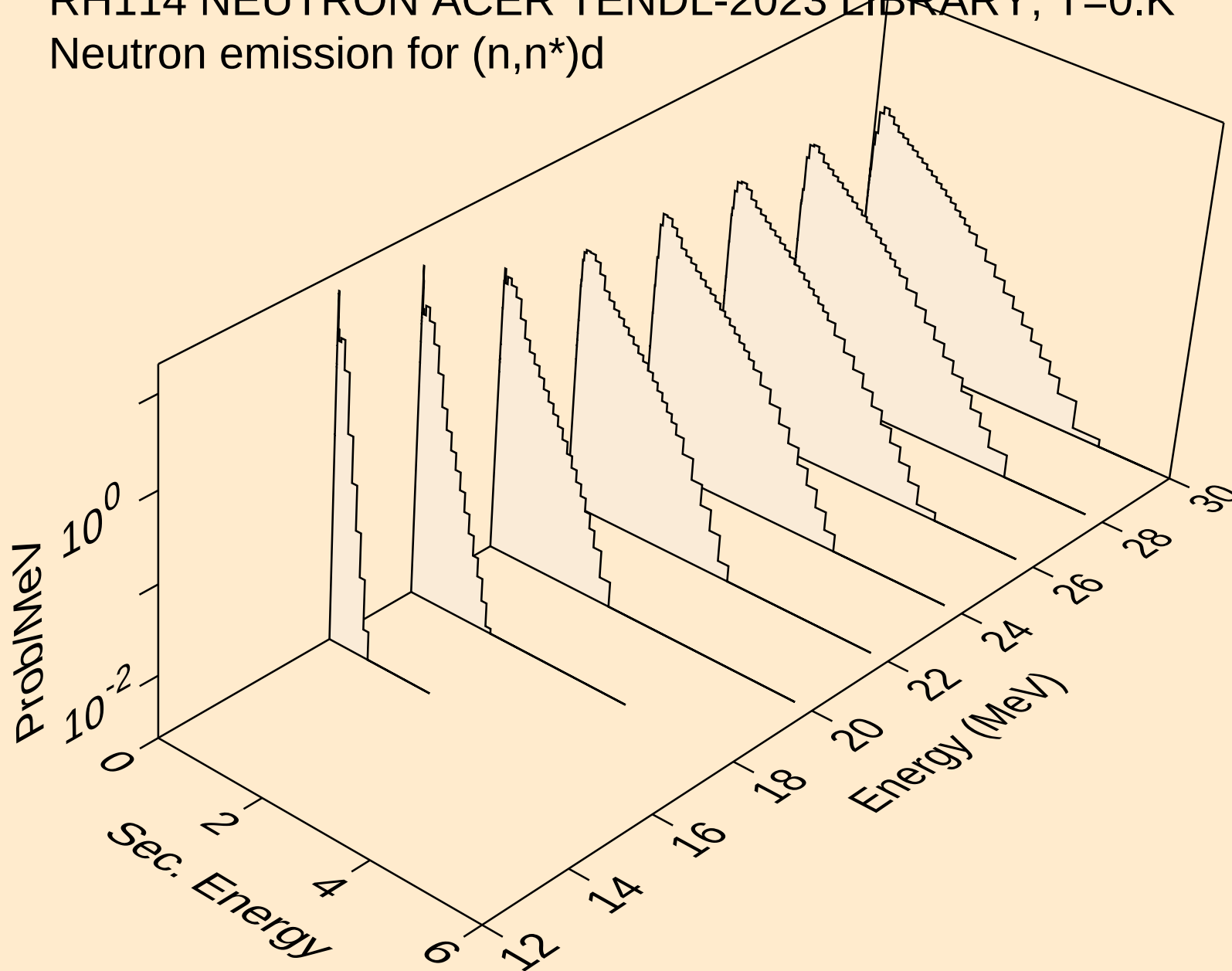




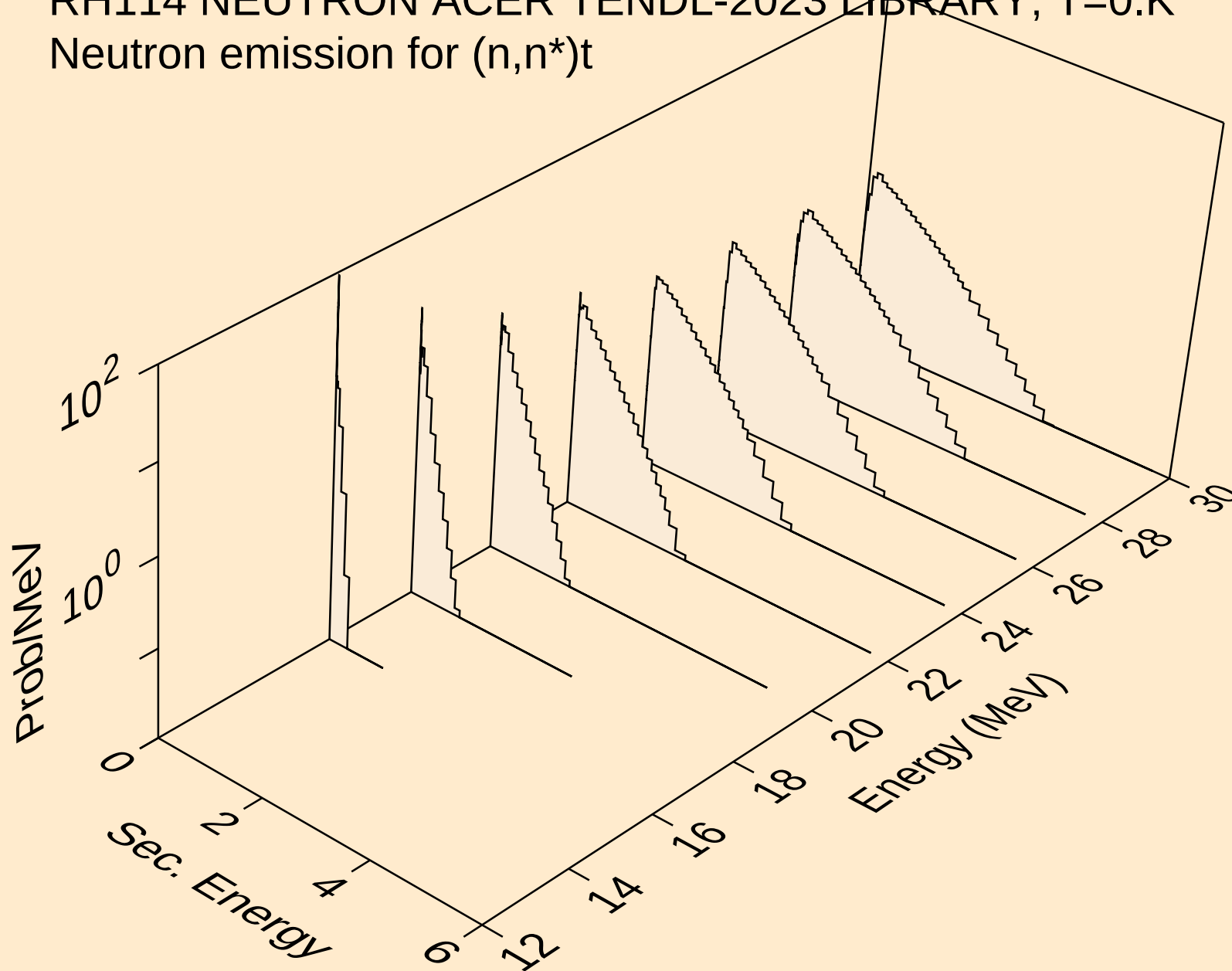
RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



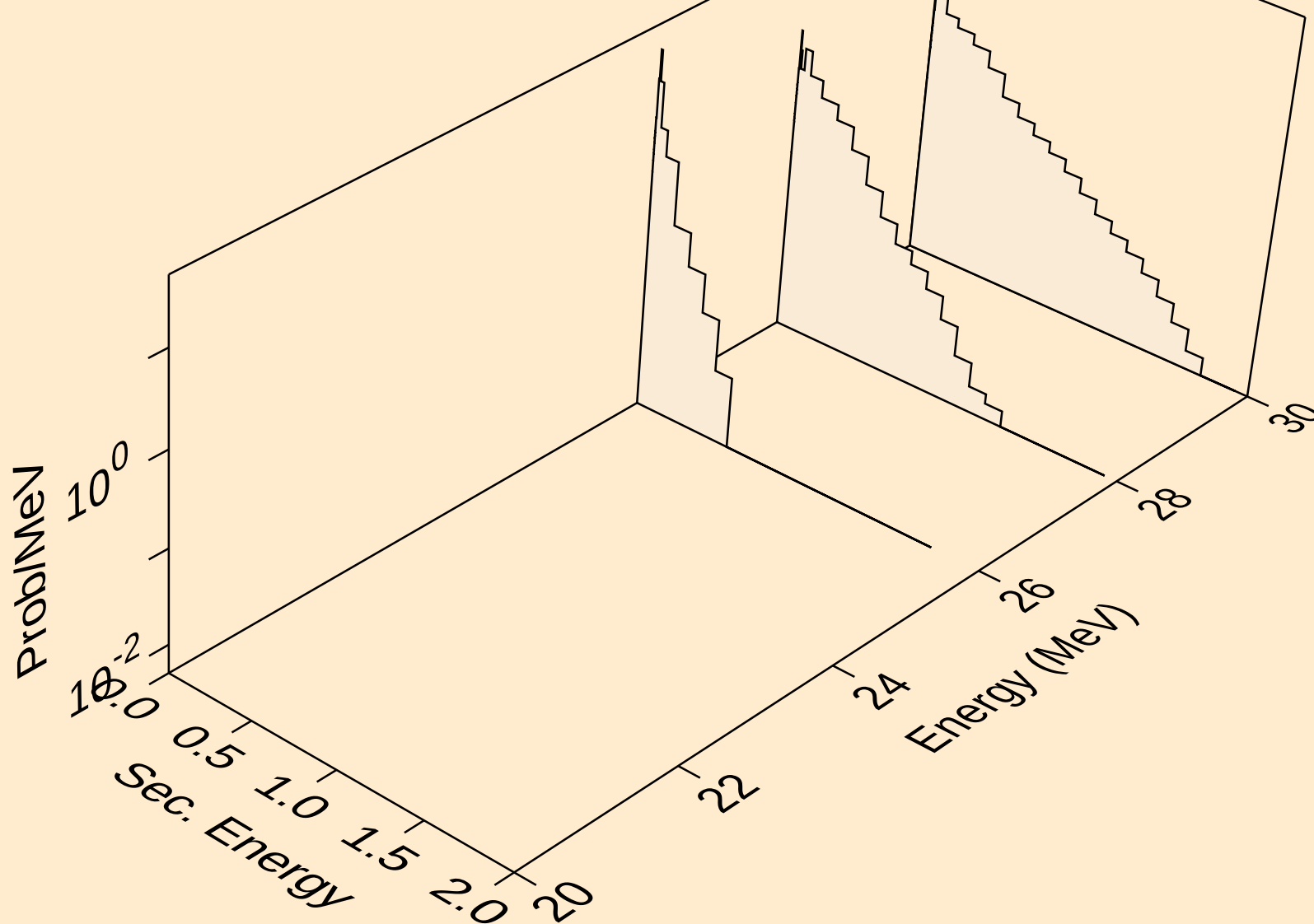
RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



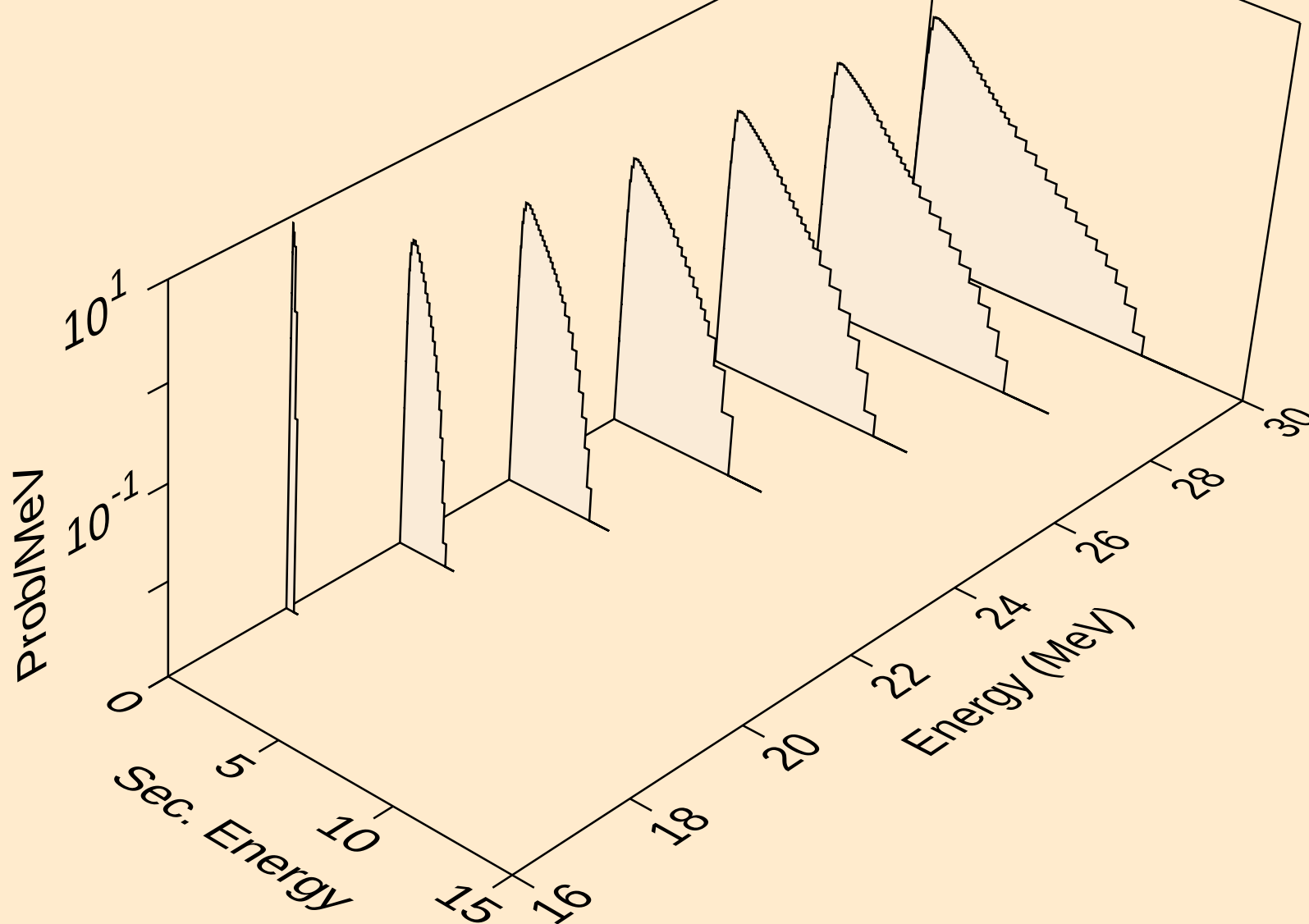
RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



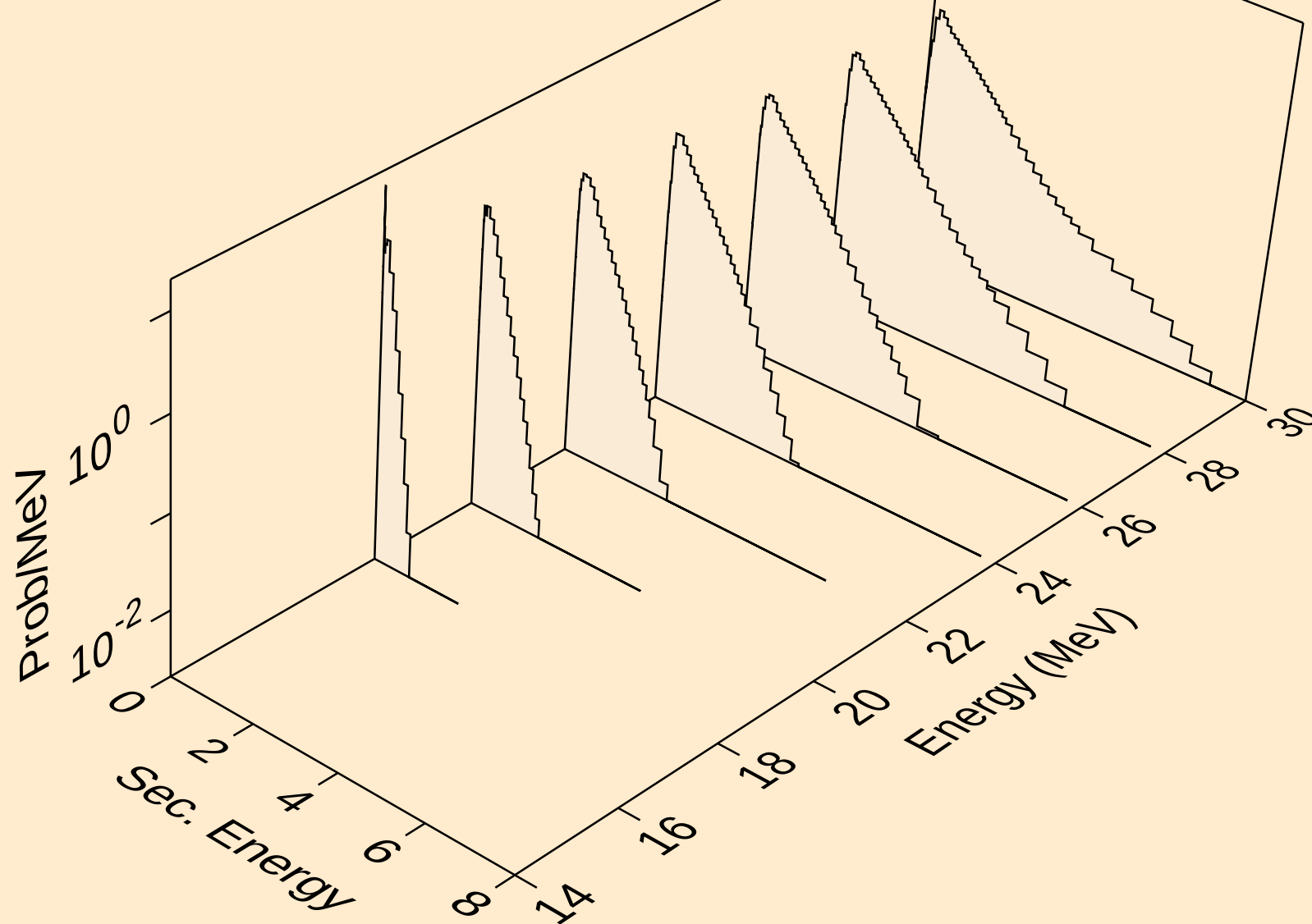
RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



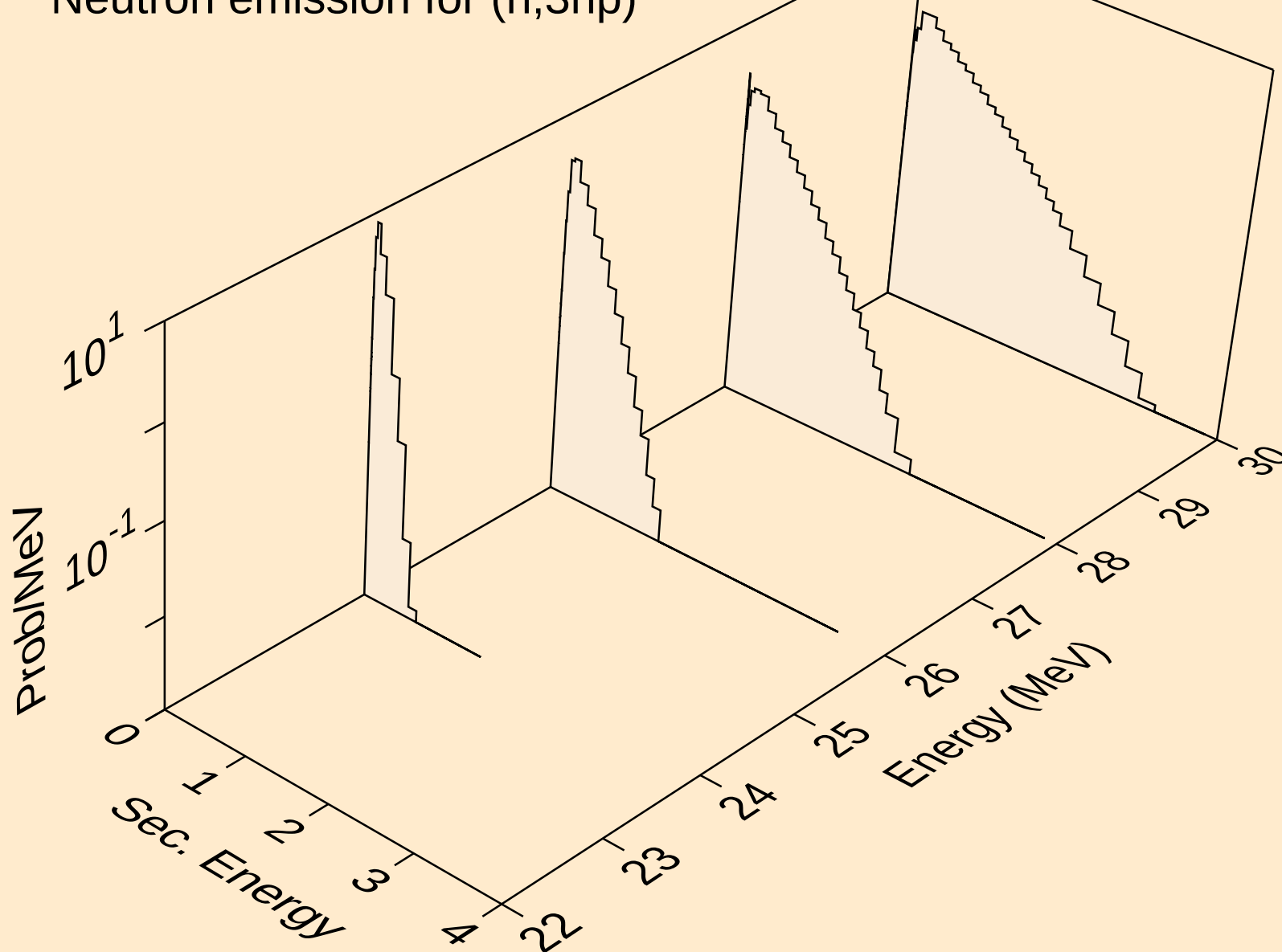
RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)



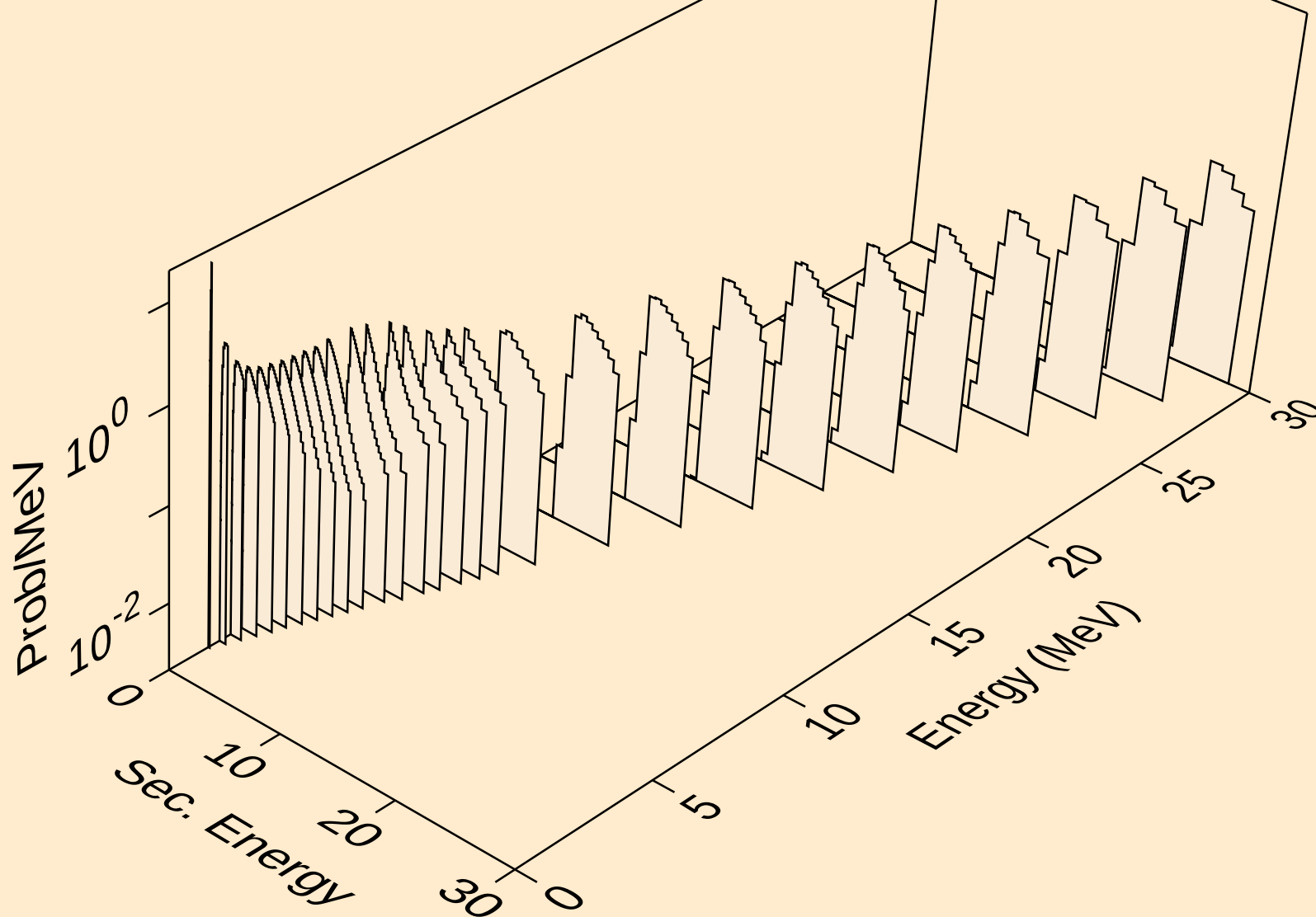
RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)



RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3np)

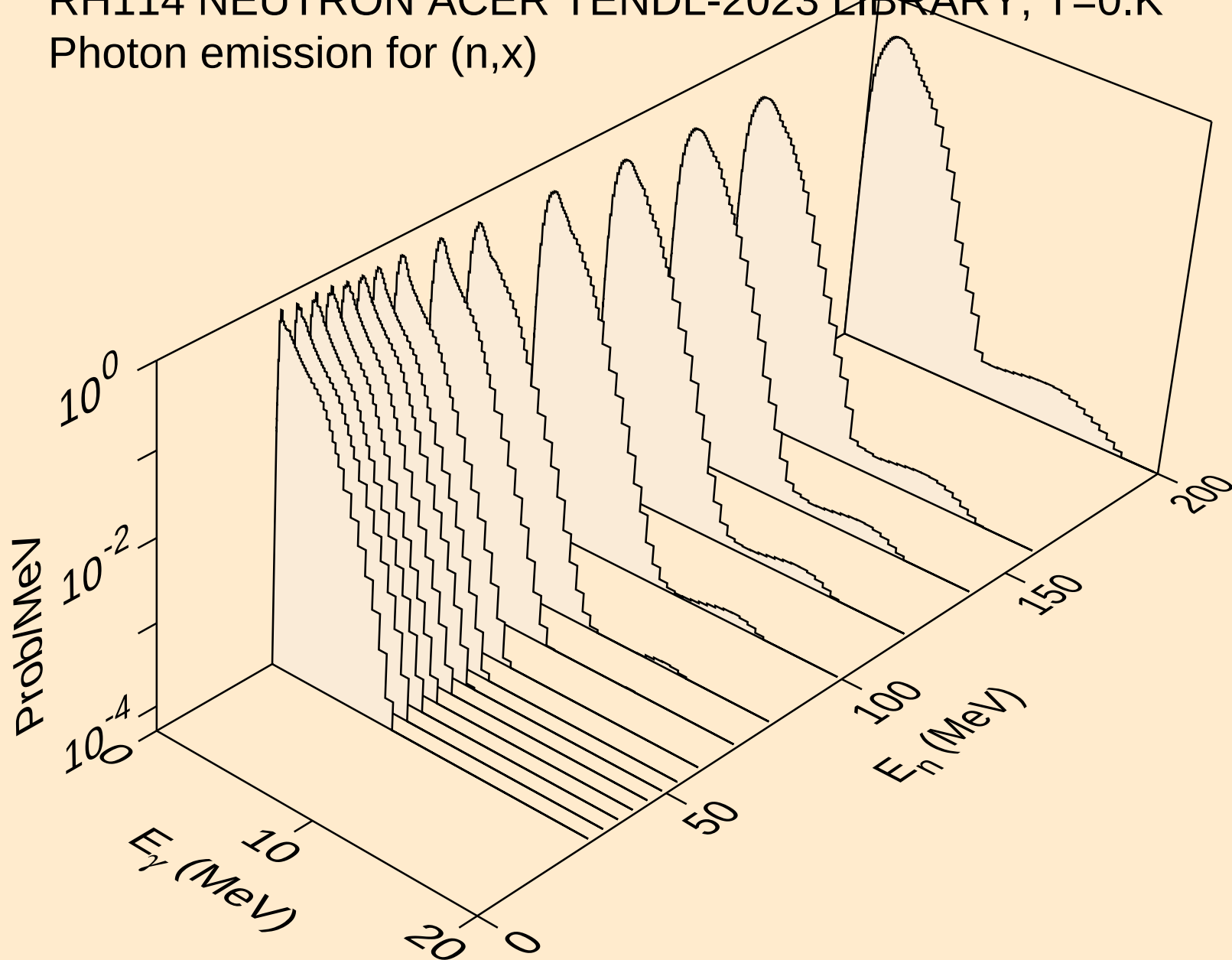


RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)

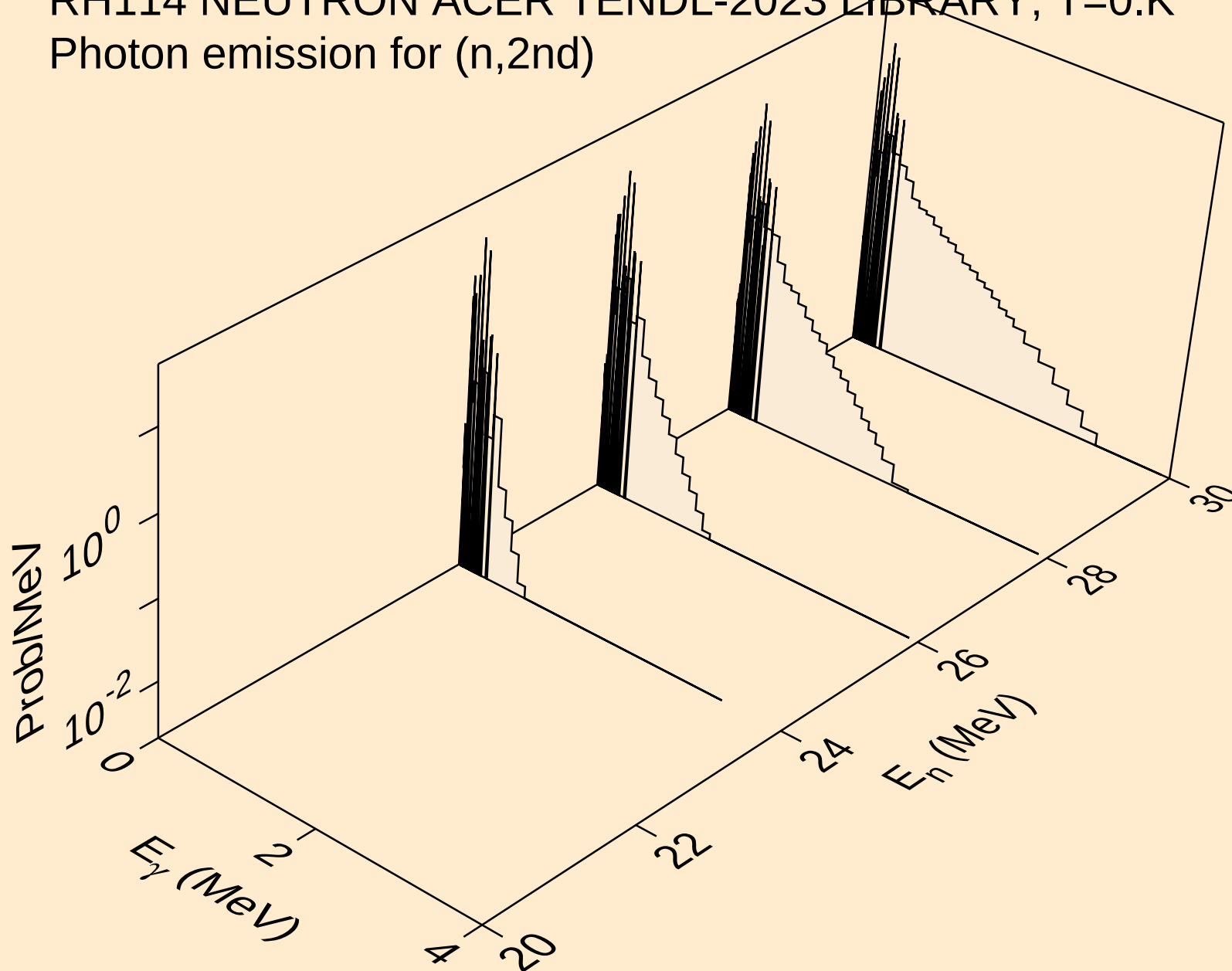




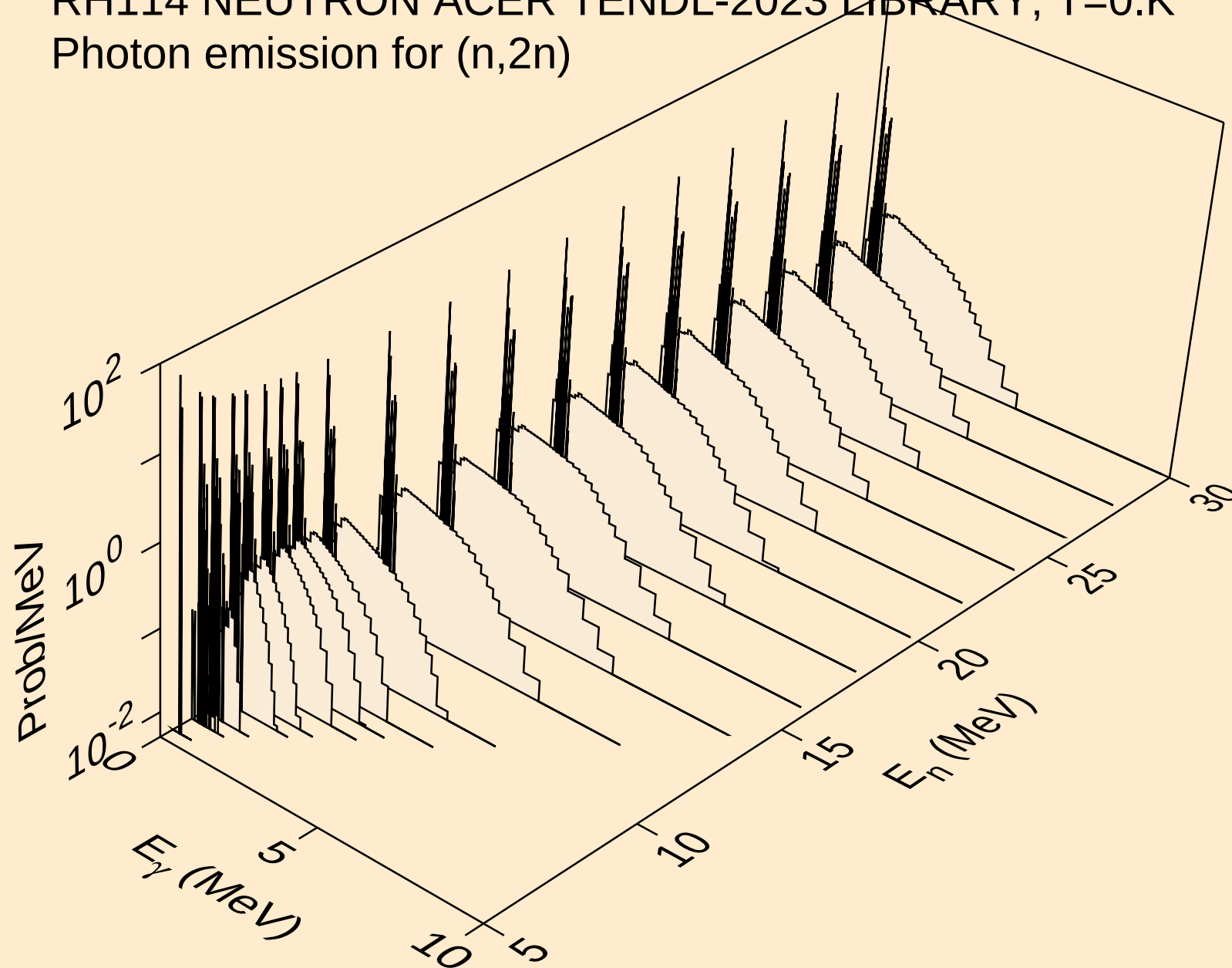
RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



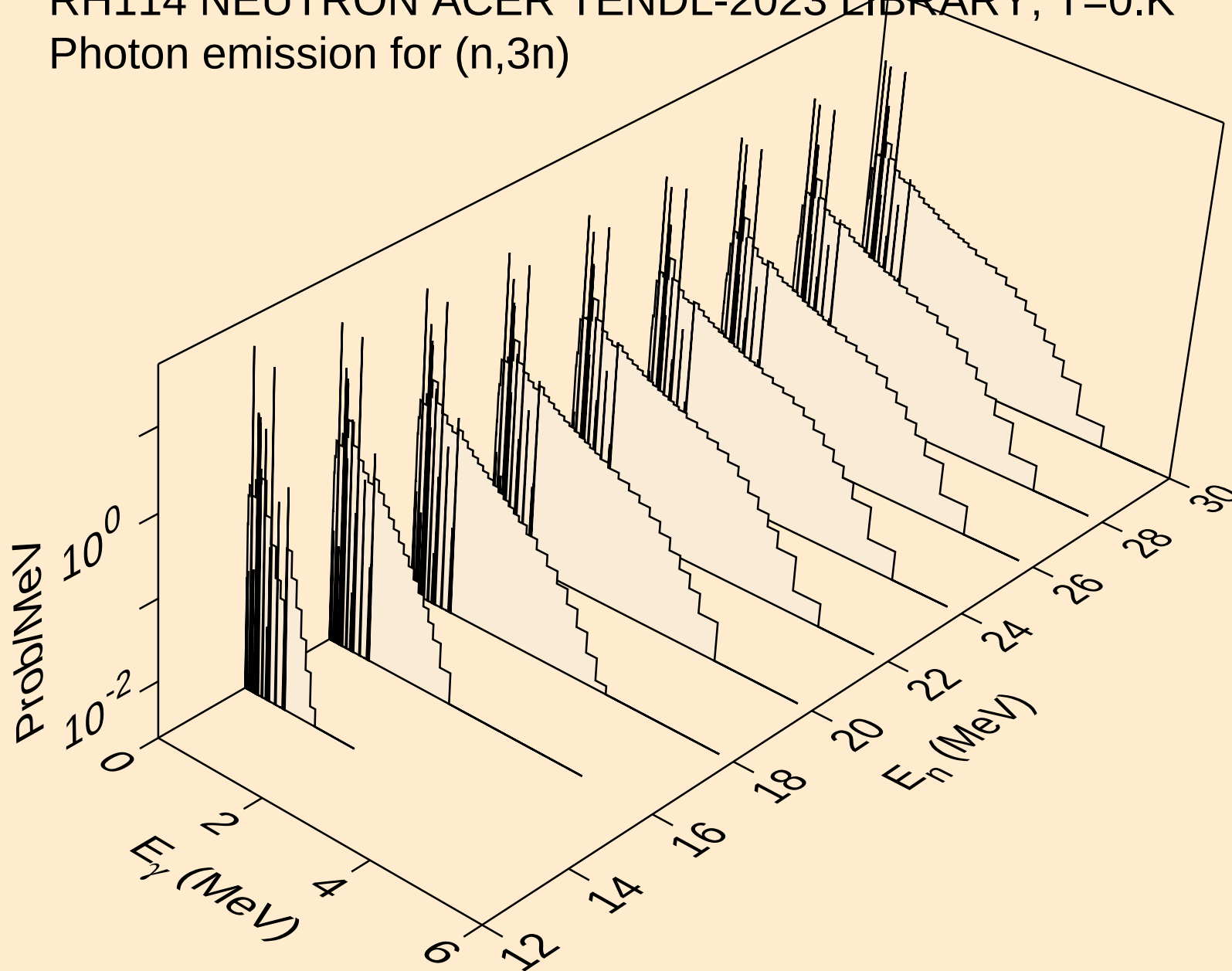
RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

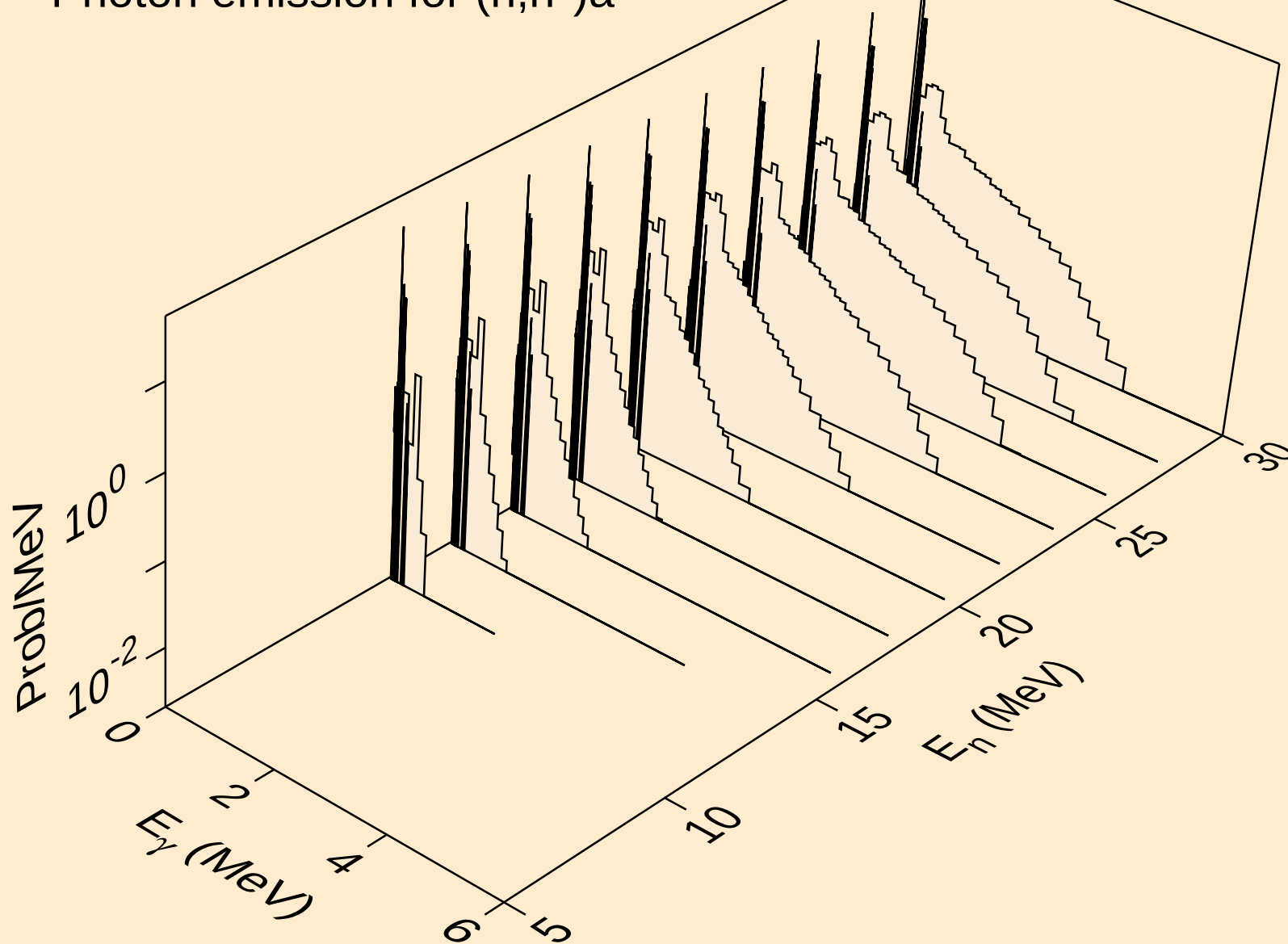


RH114 NEUTRON ACER TENDL-2023 LIBRARY;  $T=0.K$   
Photon emission for (n,3n)

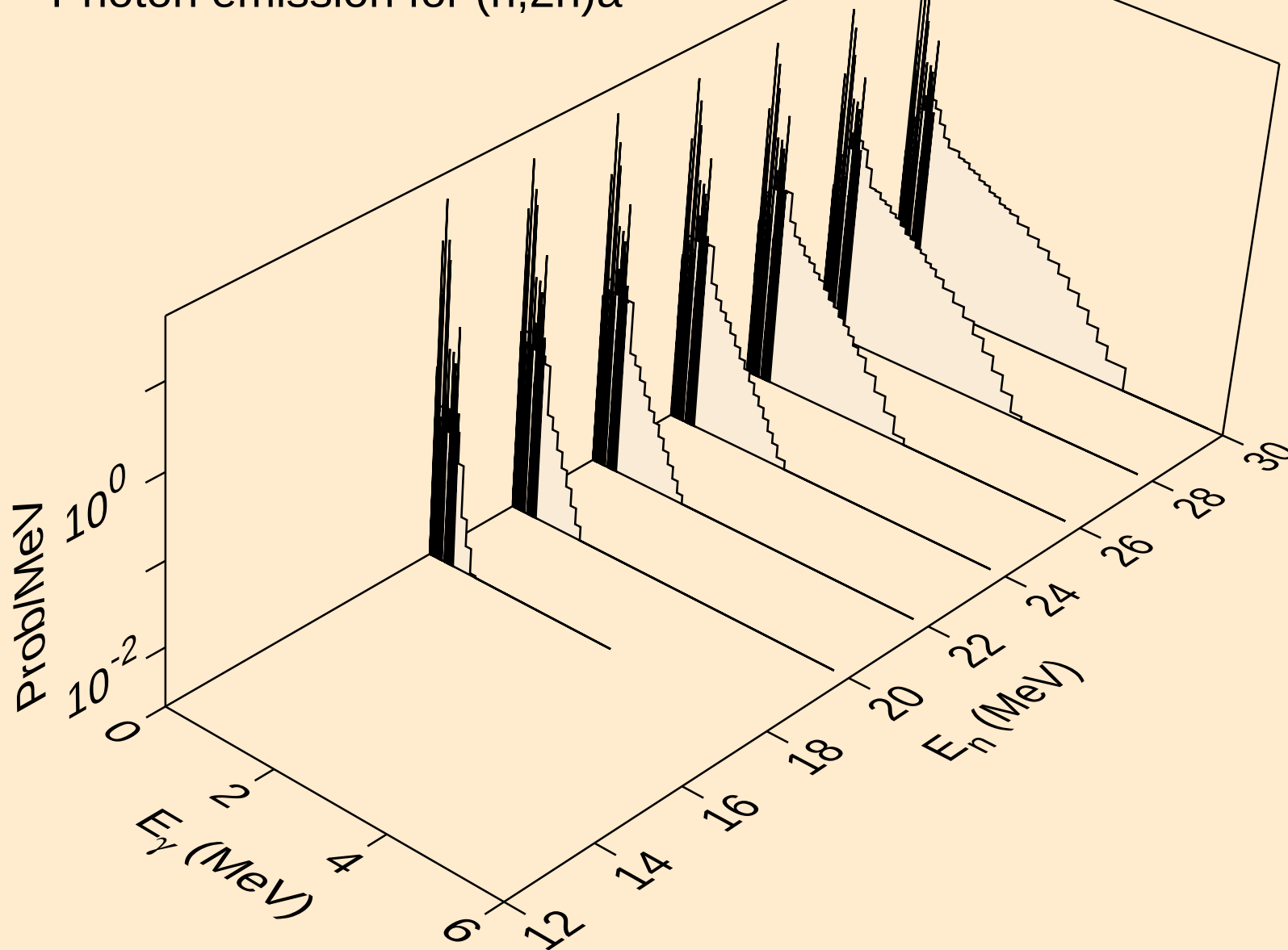


# RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

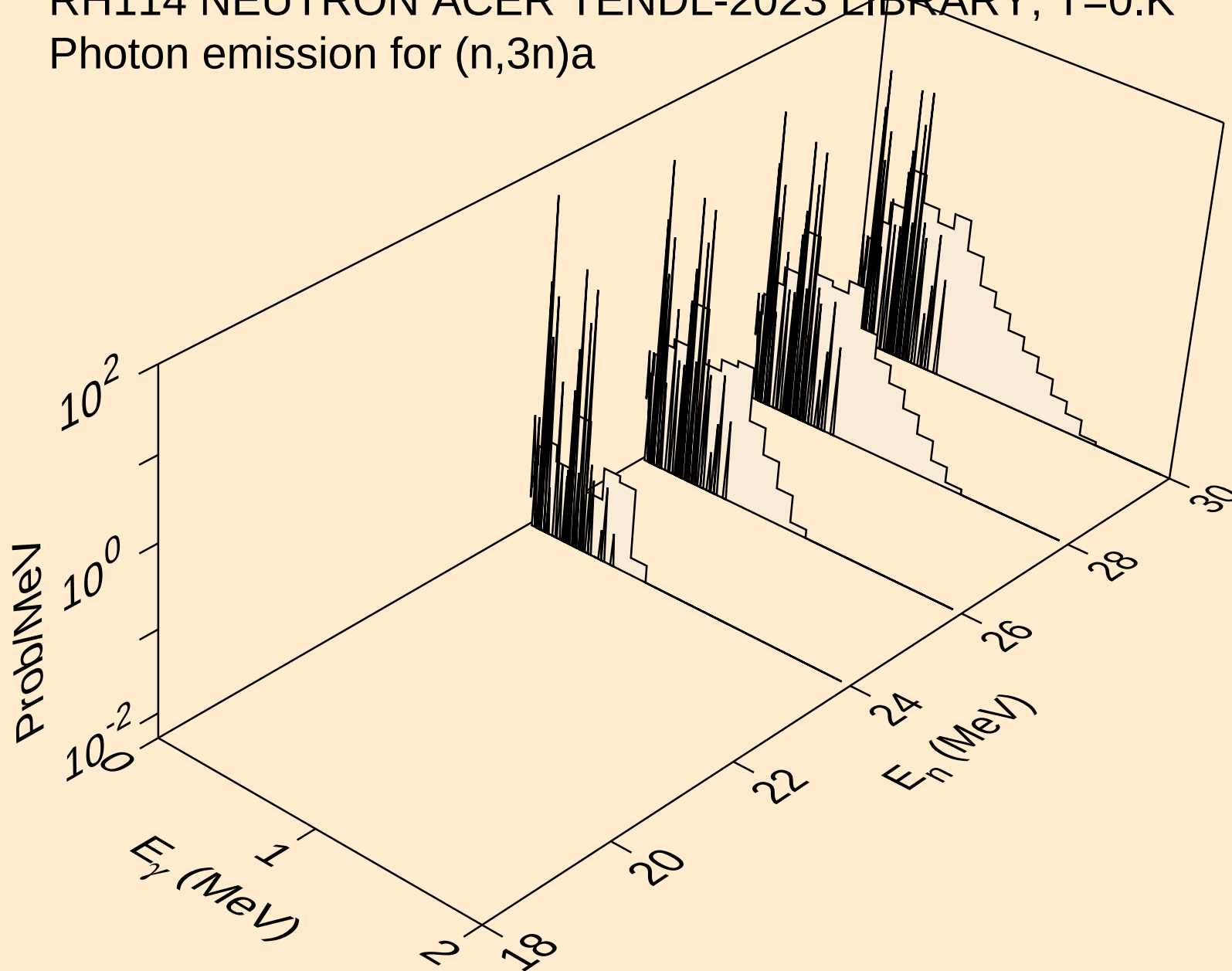
Photon emission for (n,n\*)a



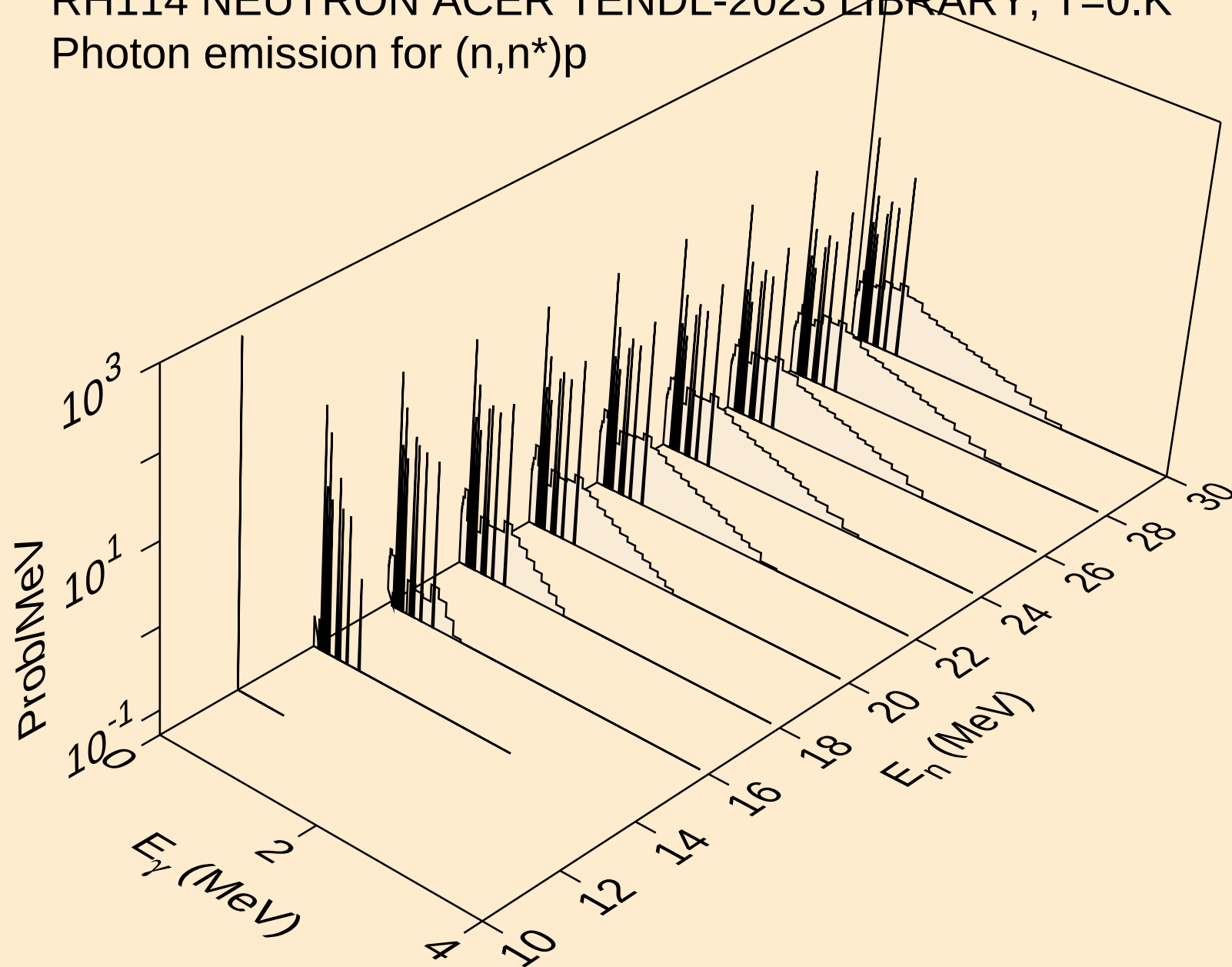
RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n) $\alpha$



RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n) $\alpha$

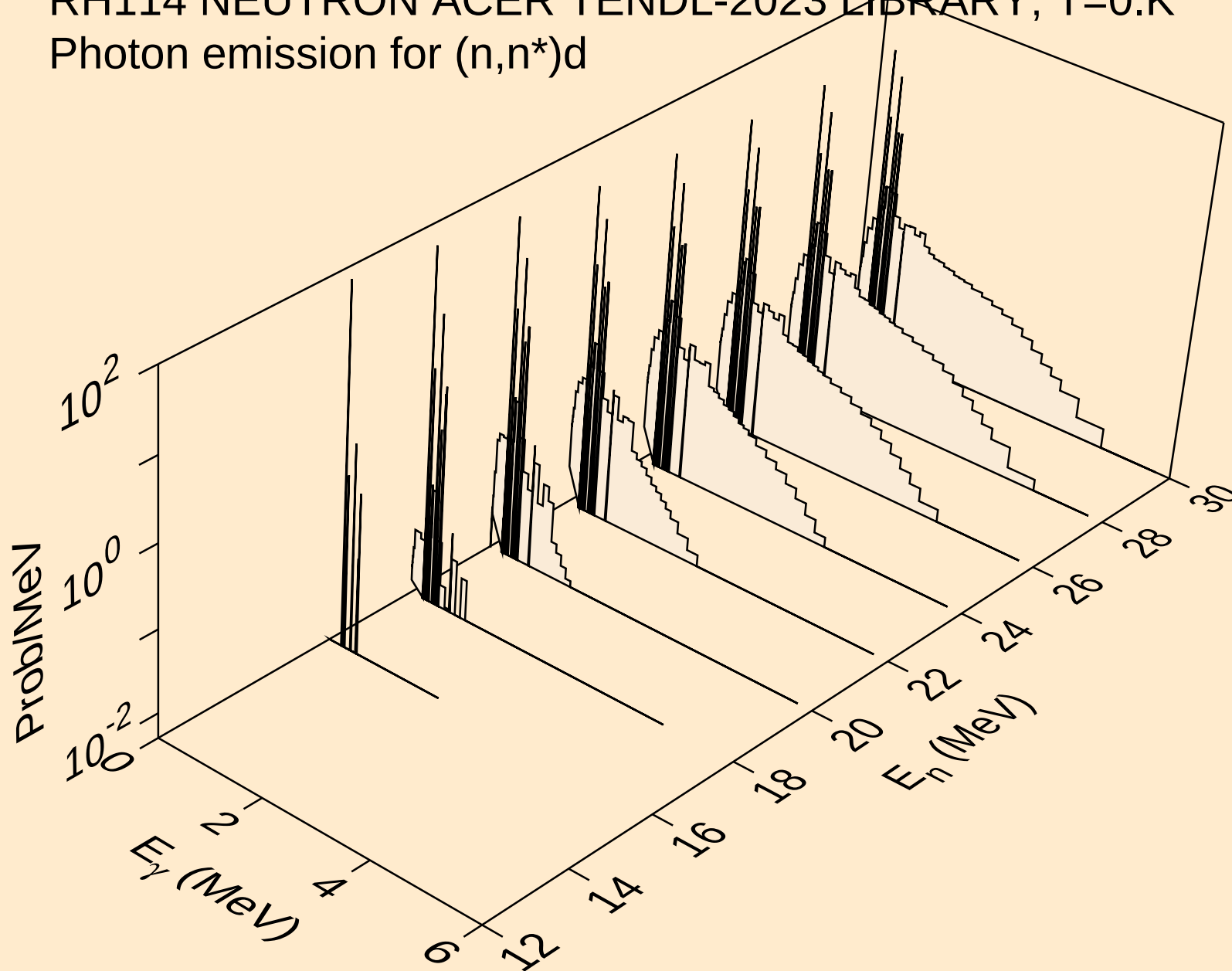


RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

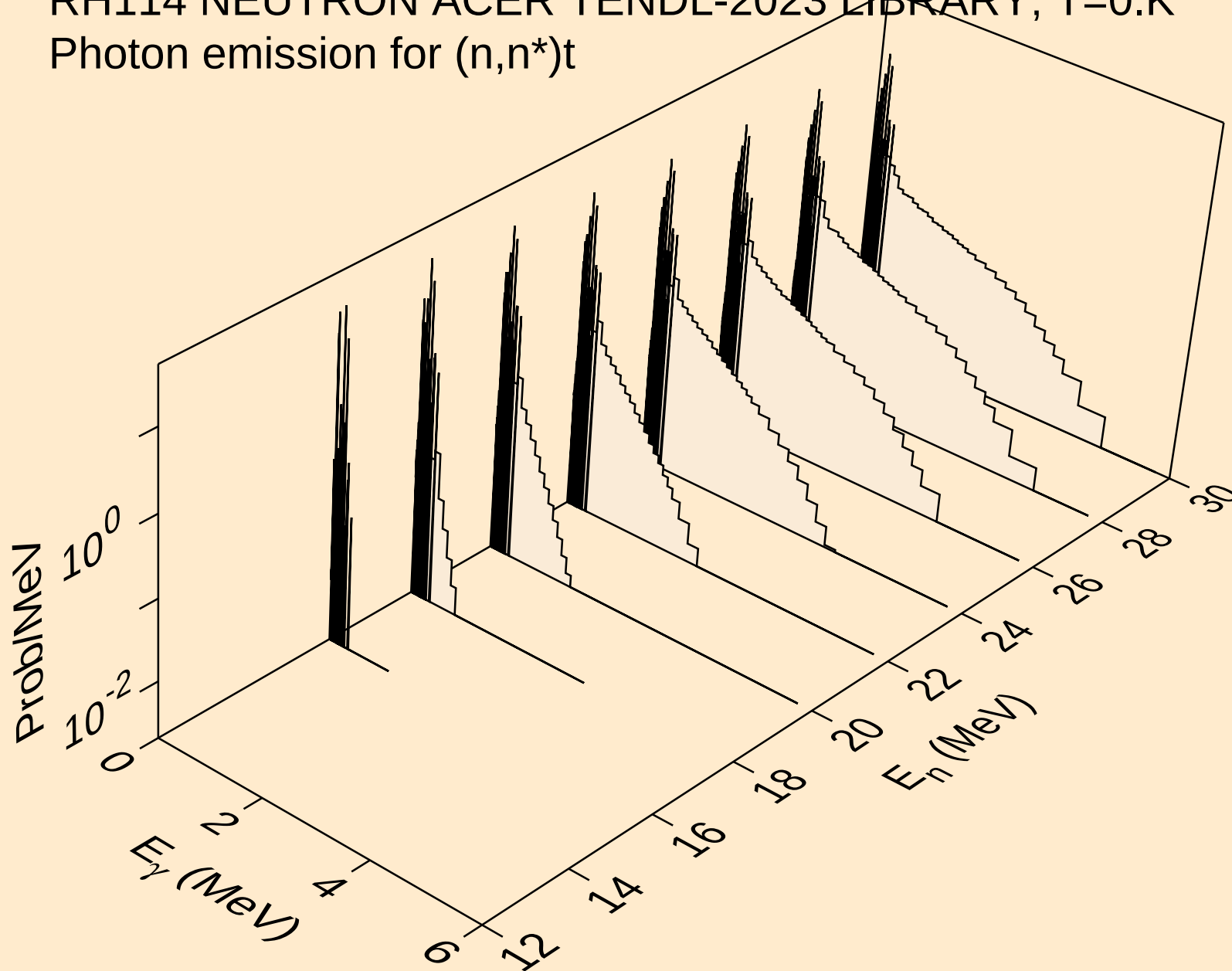




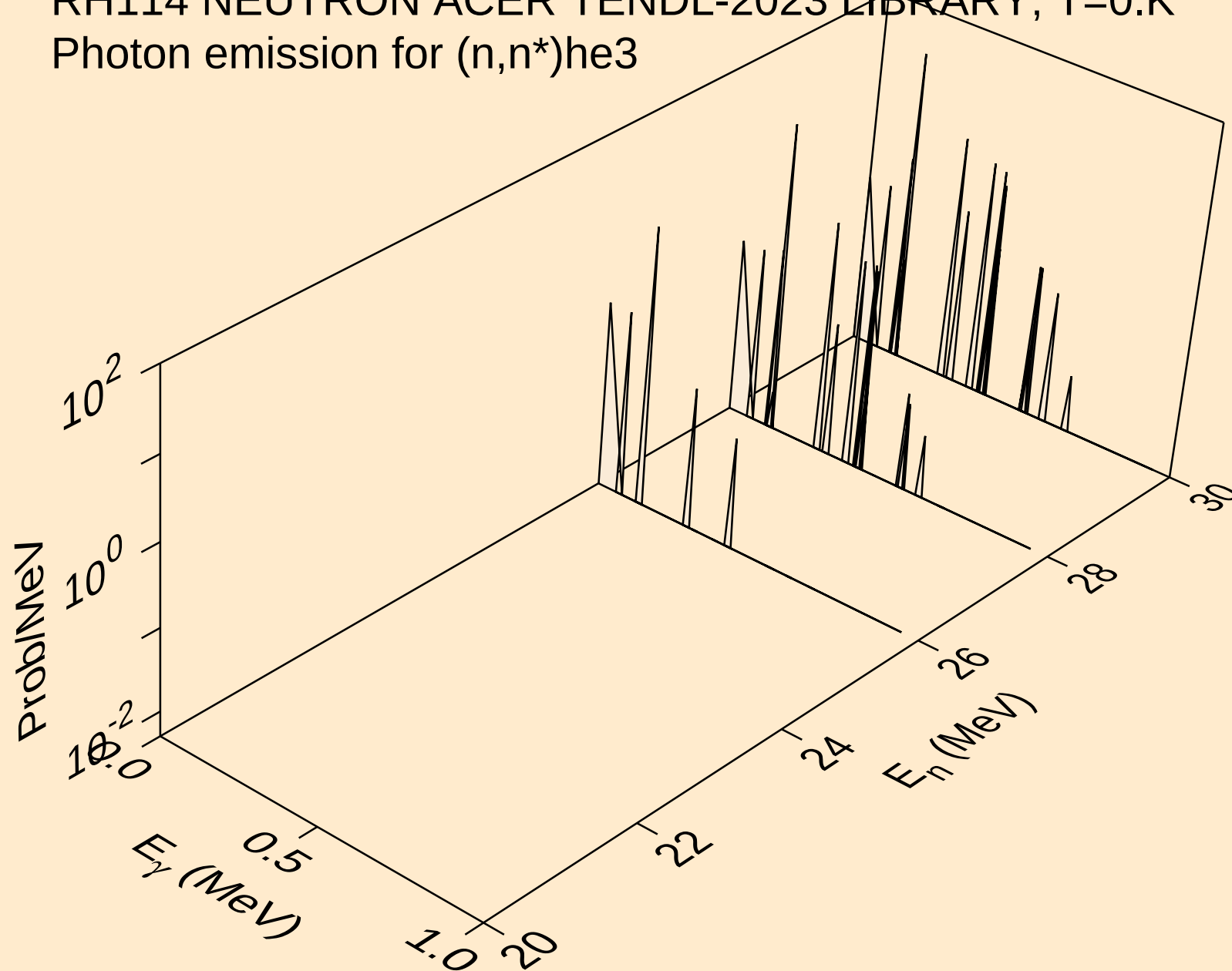
RH114 NEUTRON ACER TENDL-2023 LIBRARY;  $T=0.K$   
Photon emission for  $(n,n^*)d$



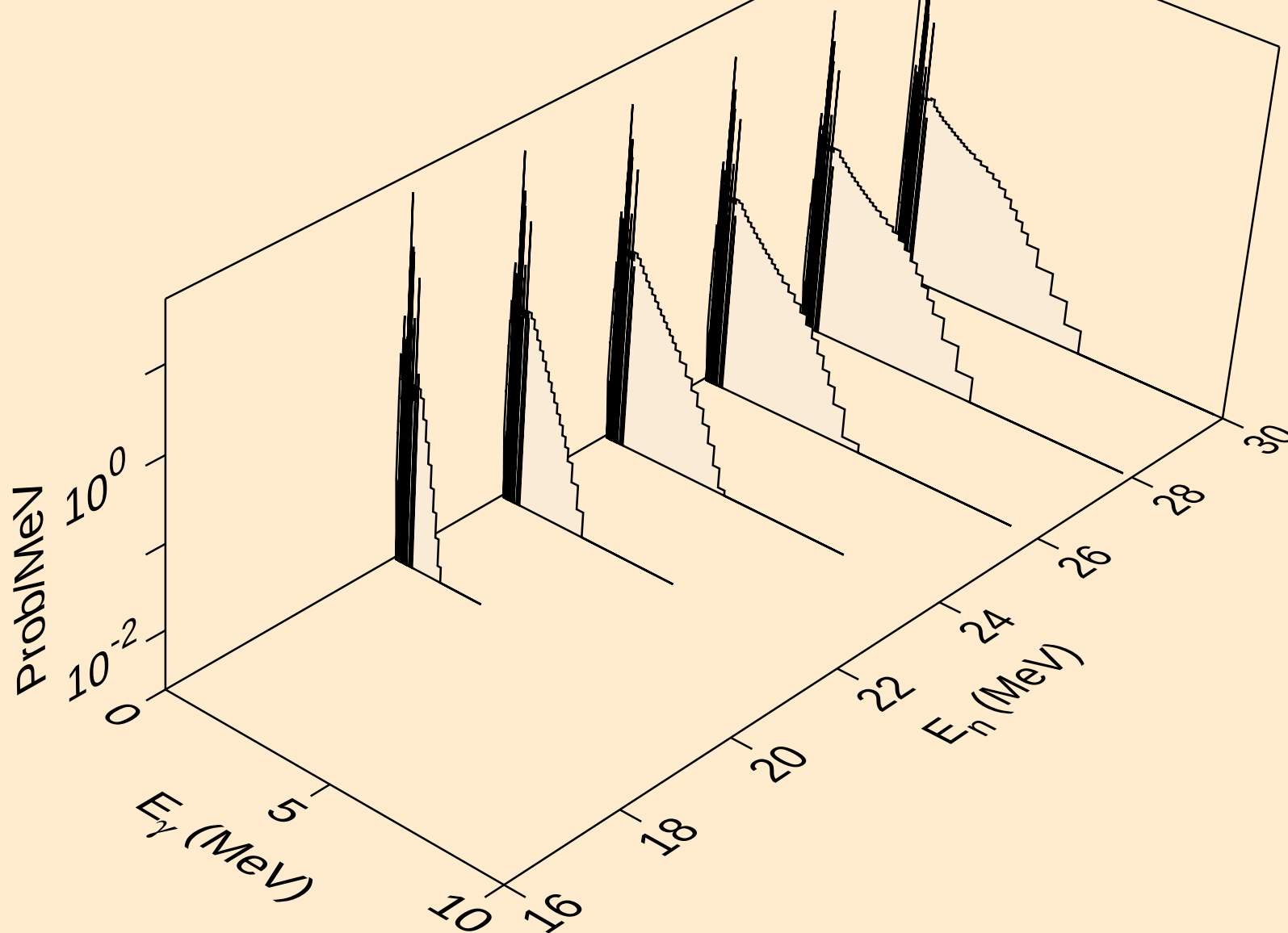
RH114 NEUTRON ACER TENDL-2023 LIBRARY;  $T=0.K$   
Photon emission for  $(n,n^*)t$



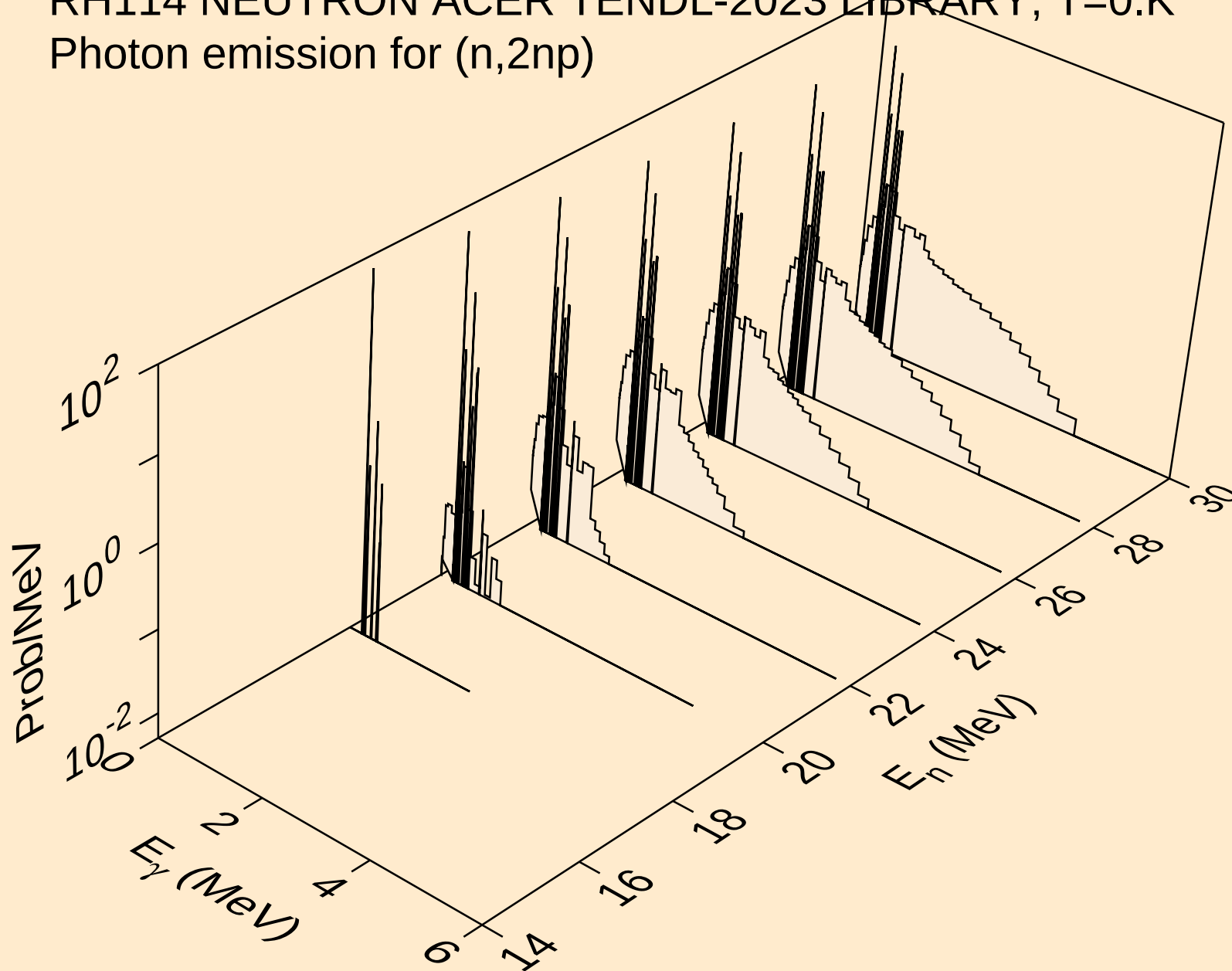
RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



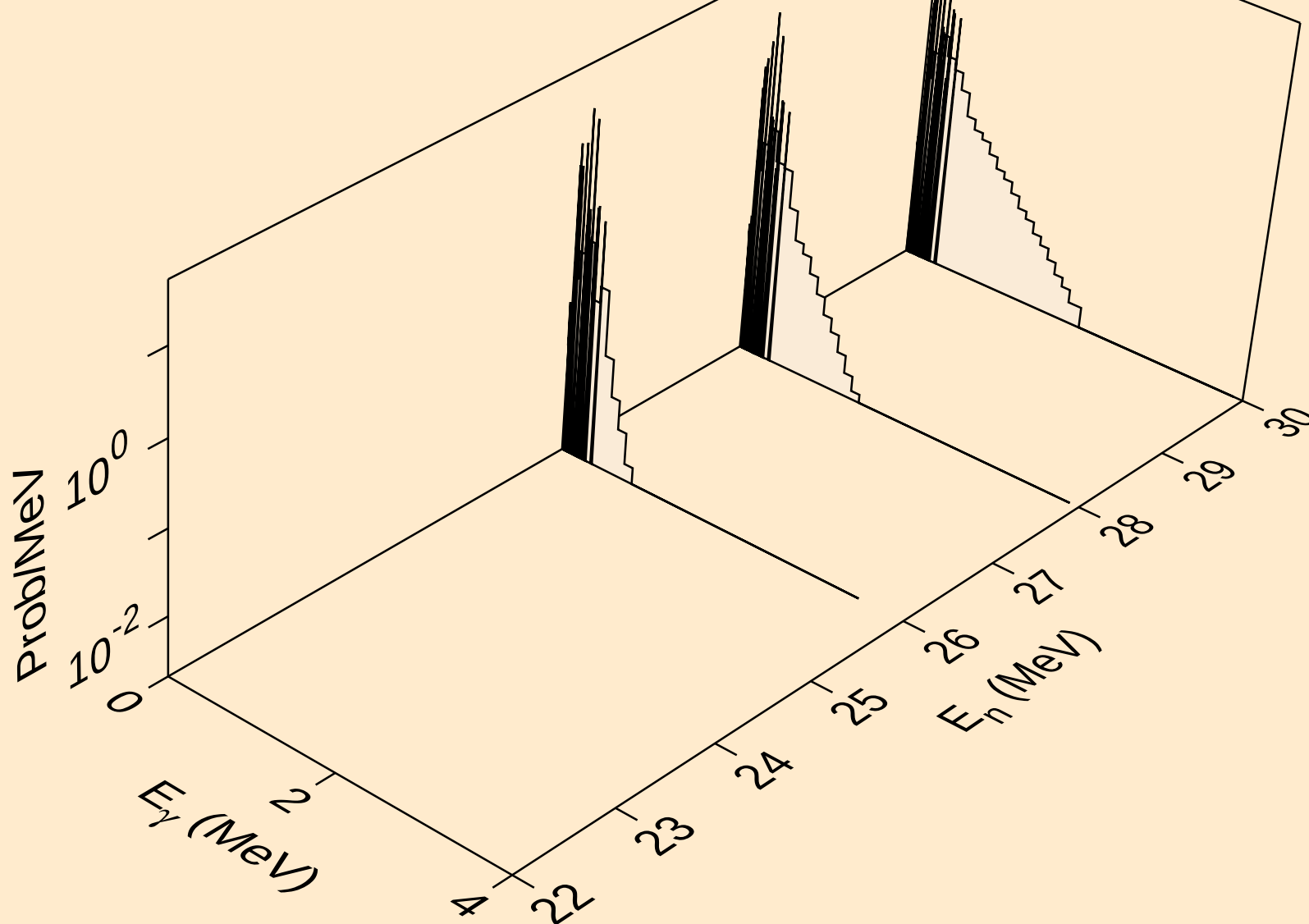
RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



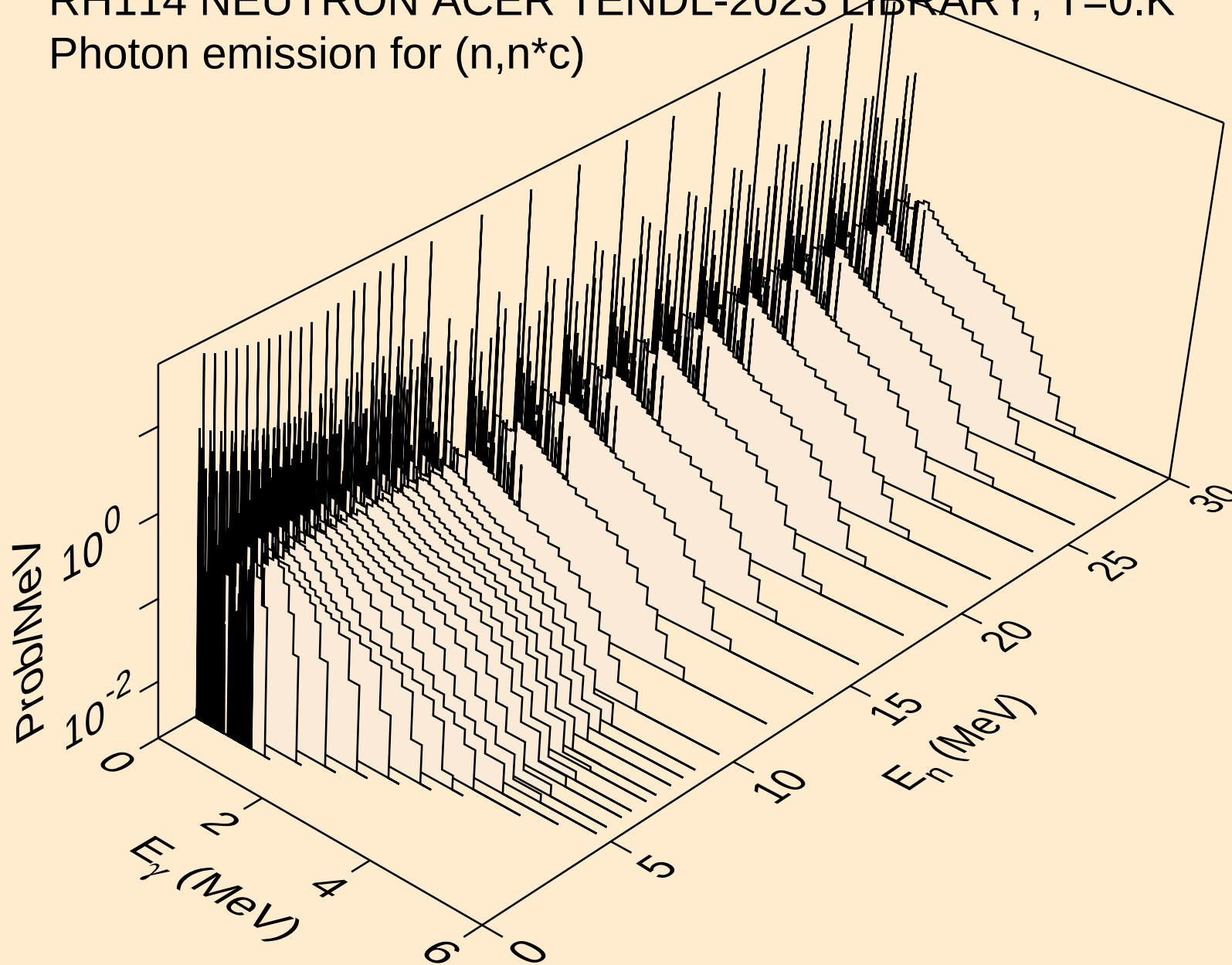
RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



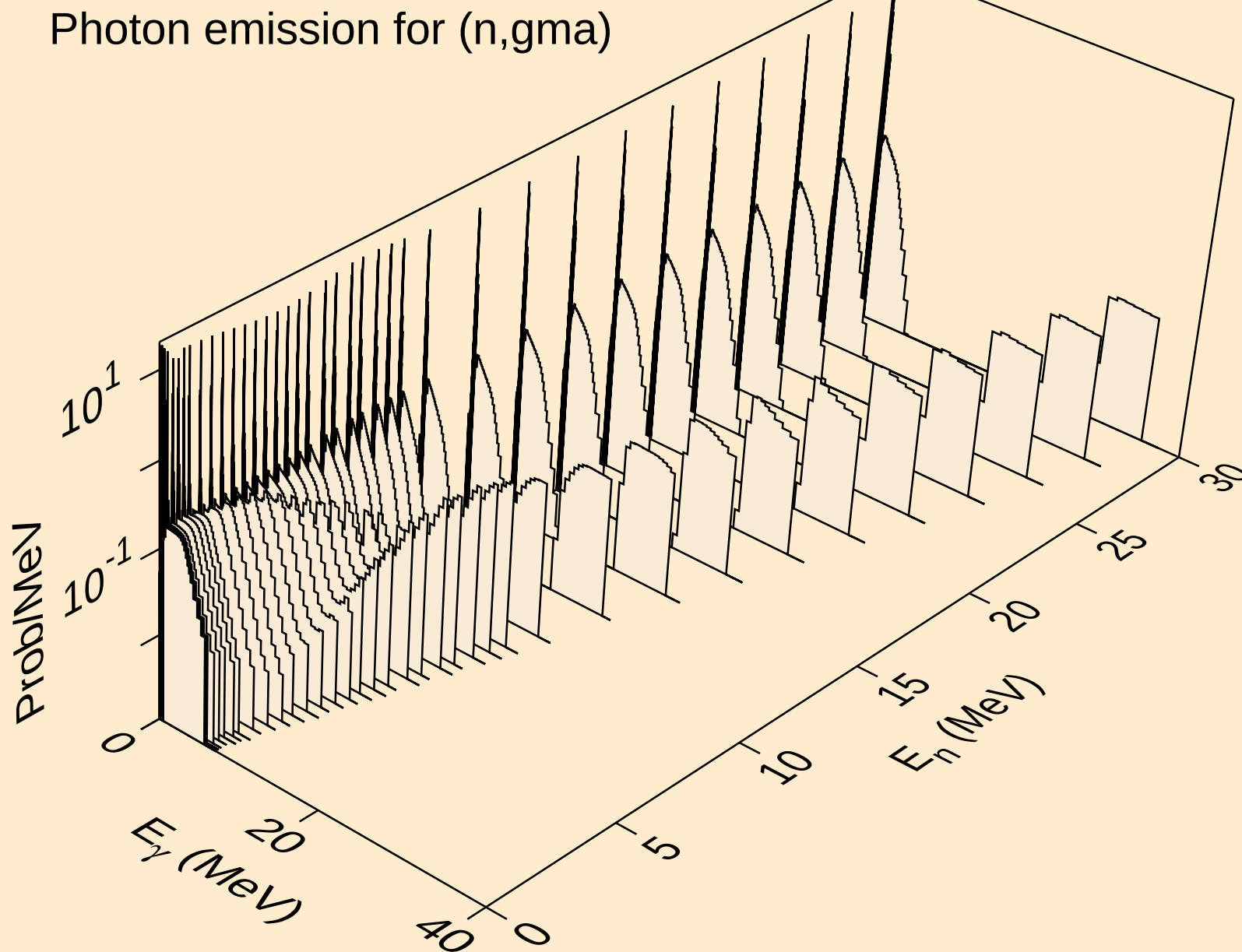
RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



RH114 NEUTRON ACER TENDL-2023 LIBRARY;  $T=0.K$   
Photon emission for (n,n\*c)

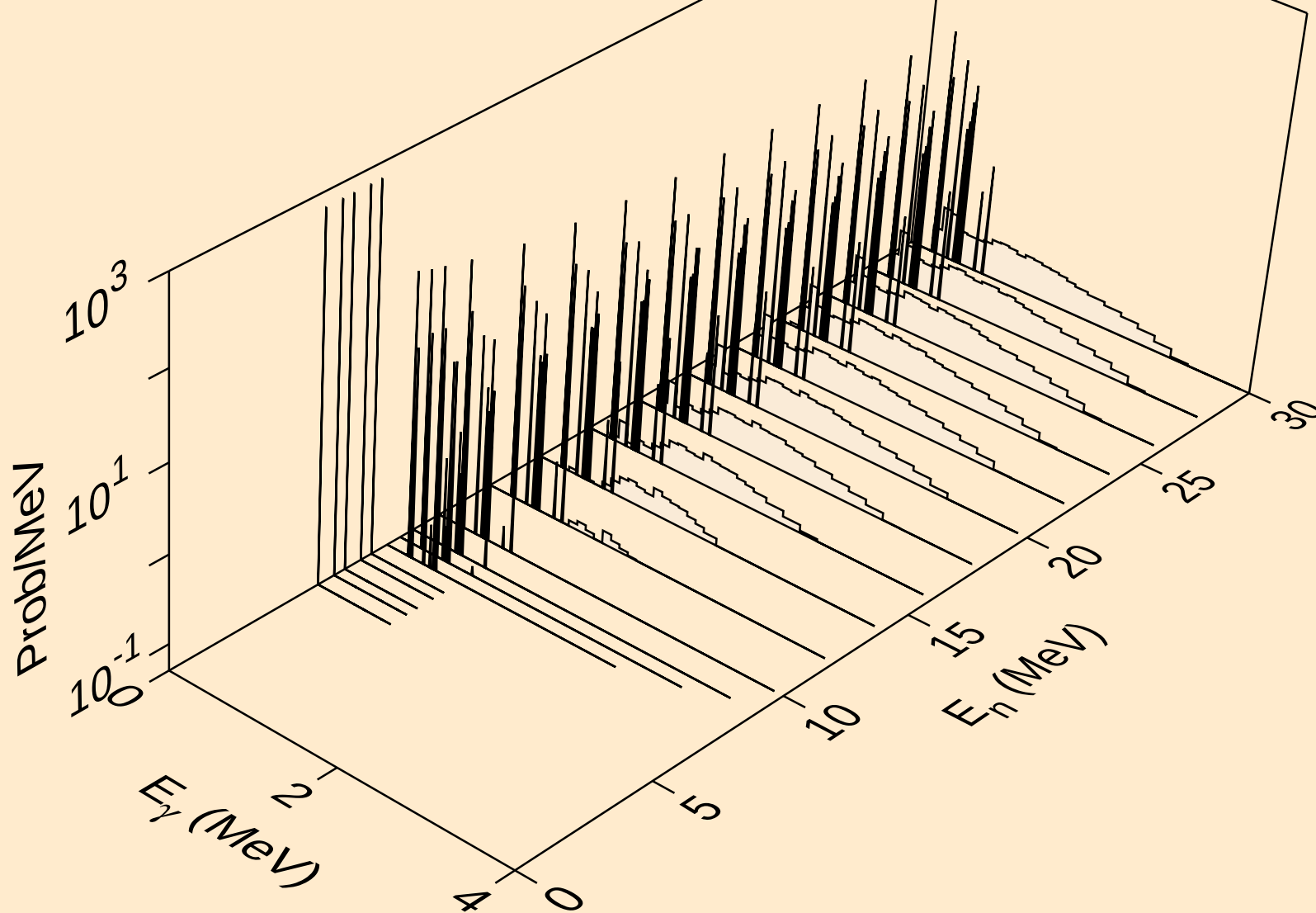


RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)

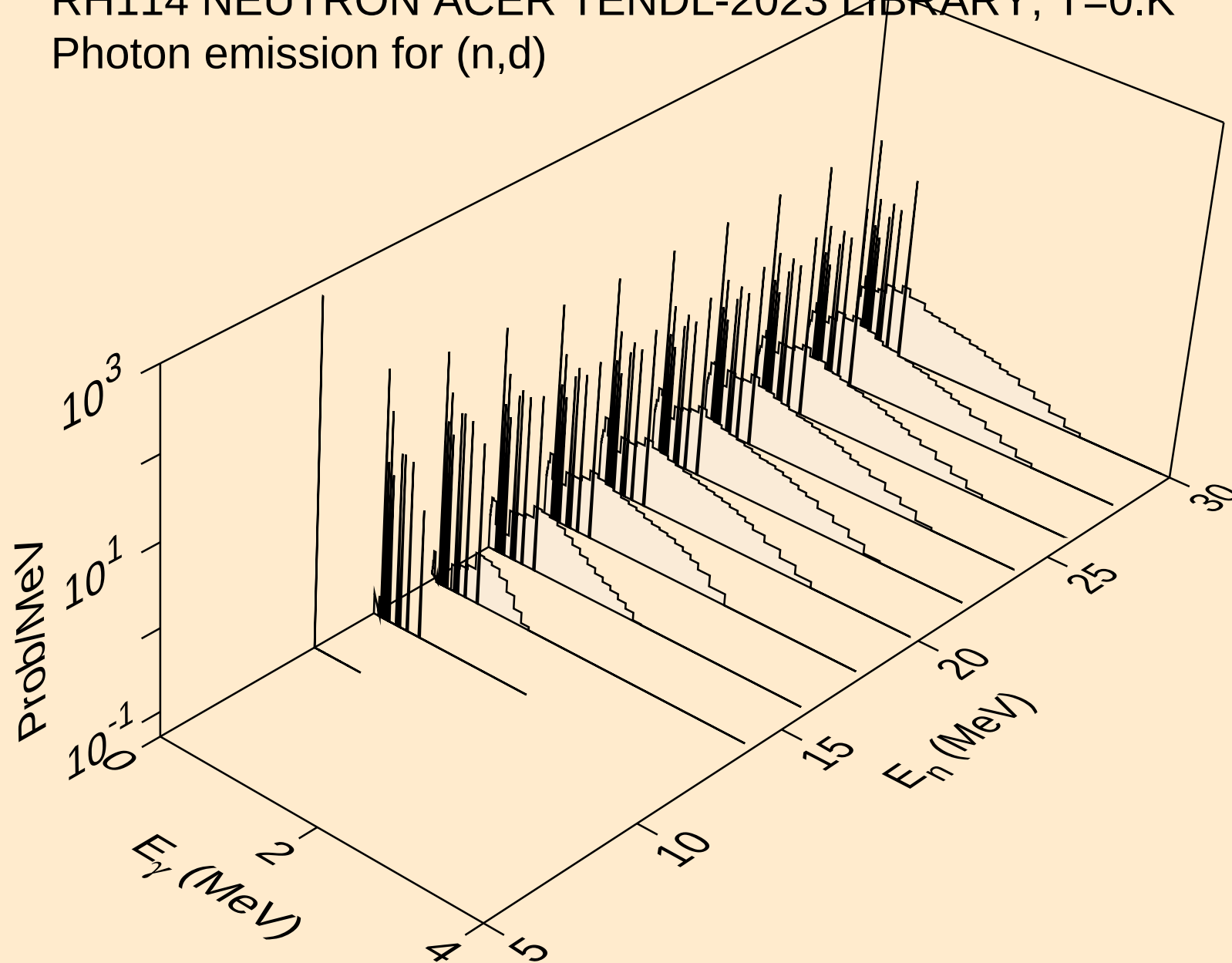




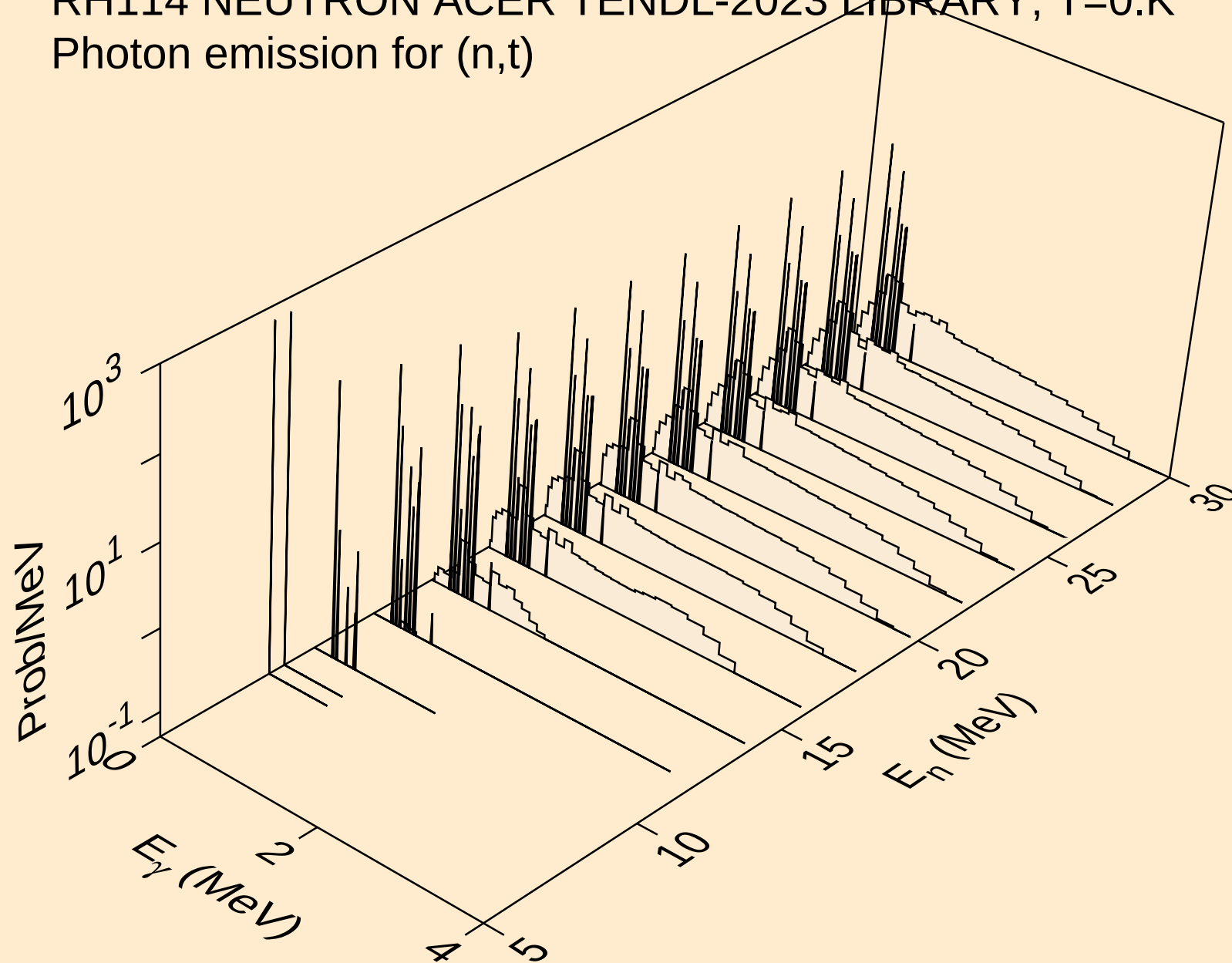
RH114 NEUTRON ACER TENDL-2023 LIBRARY;  $T=0.K$   
Photon emission for (n,p)



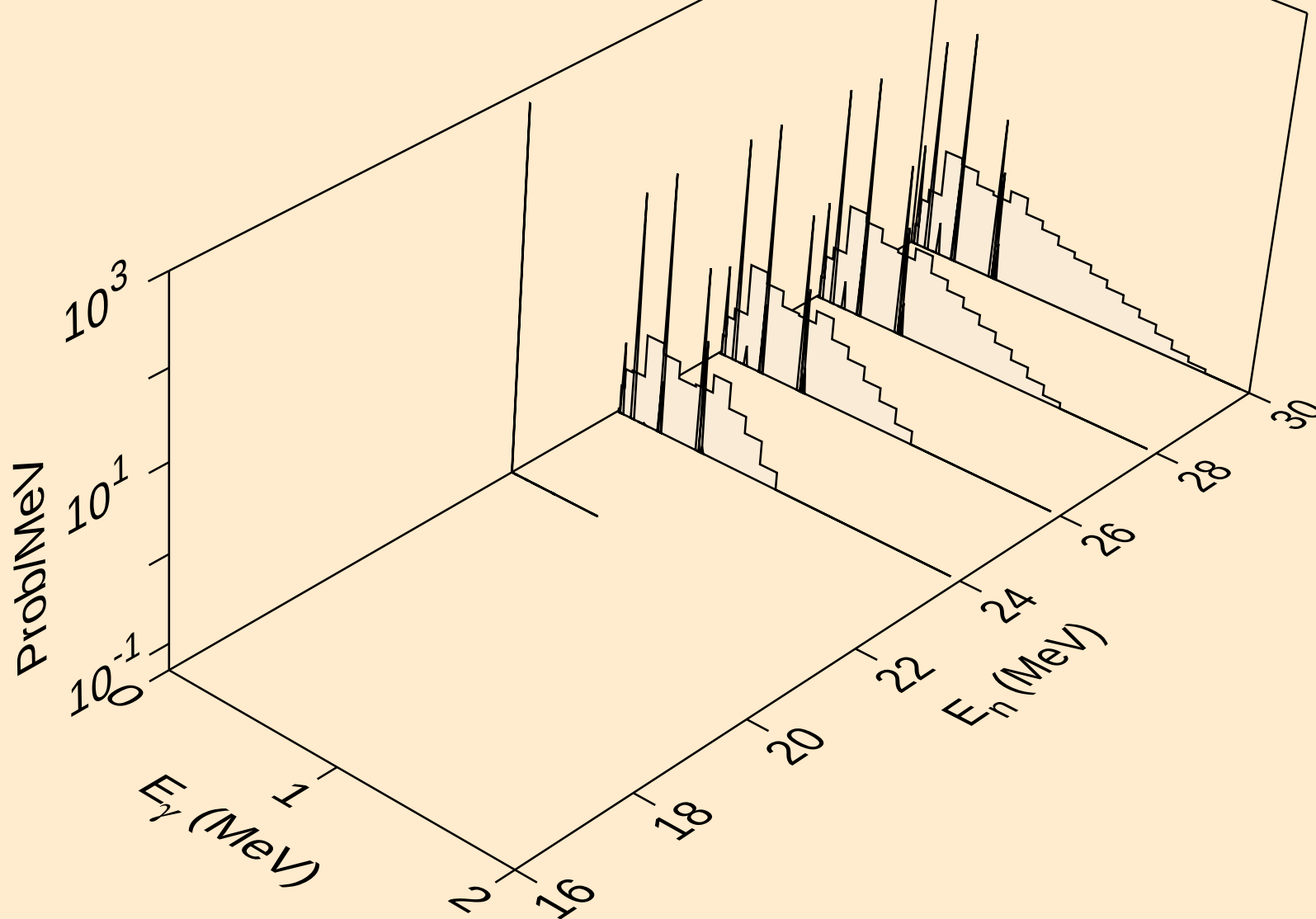
RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



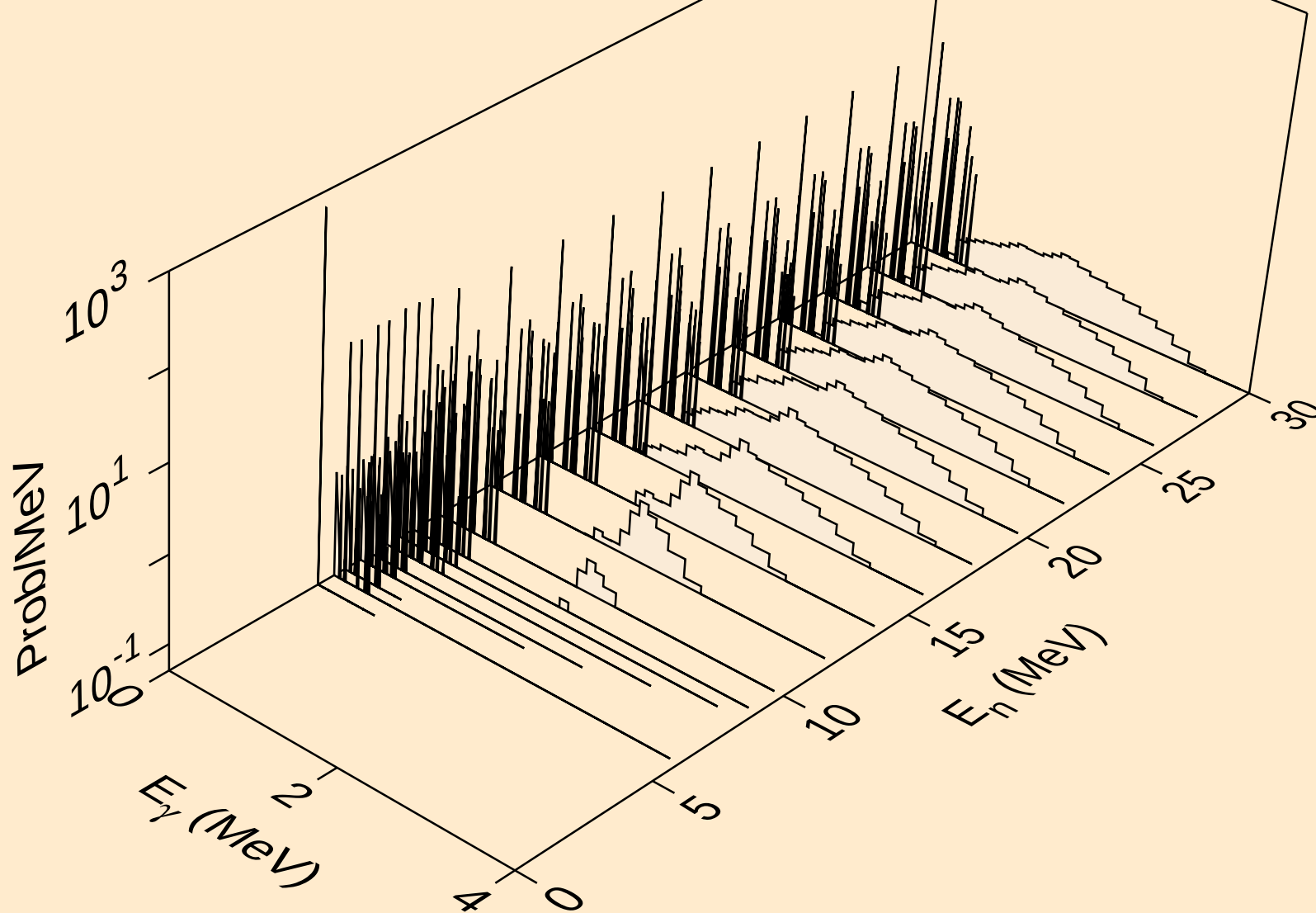
RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



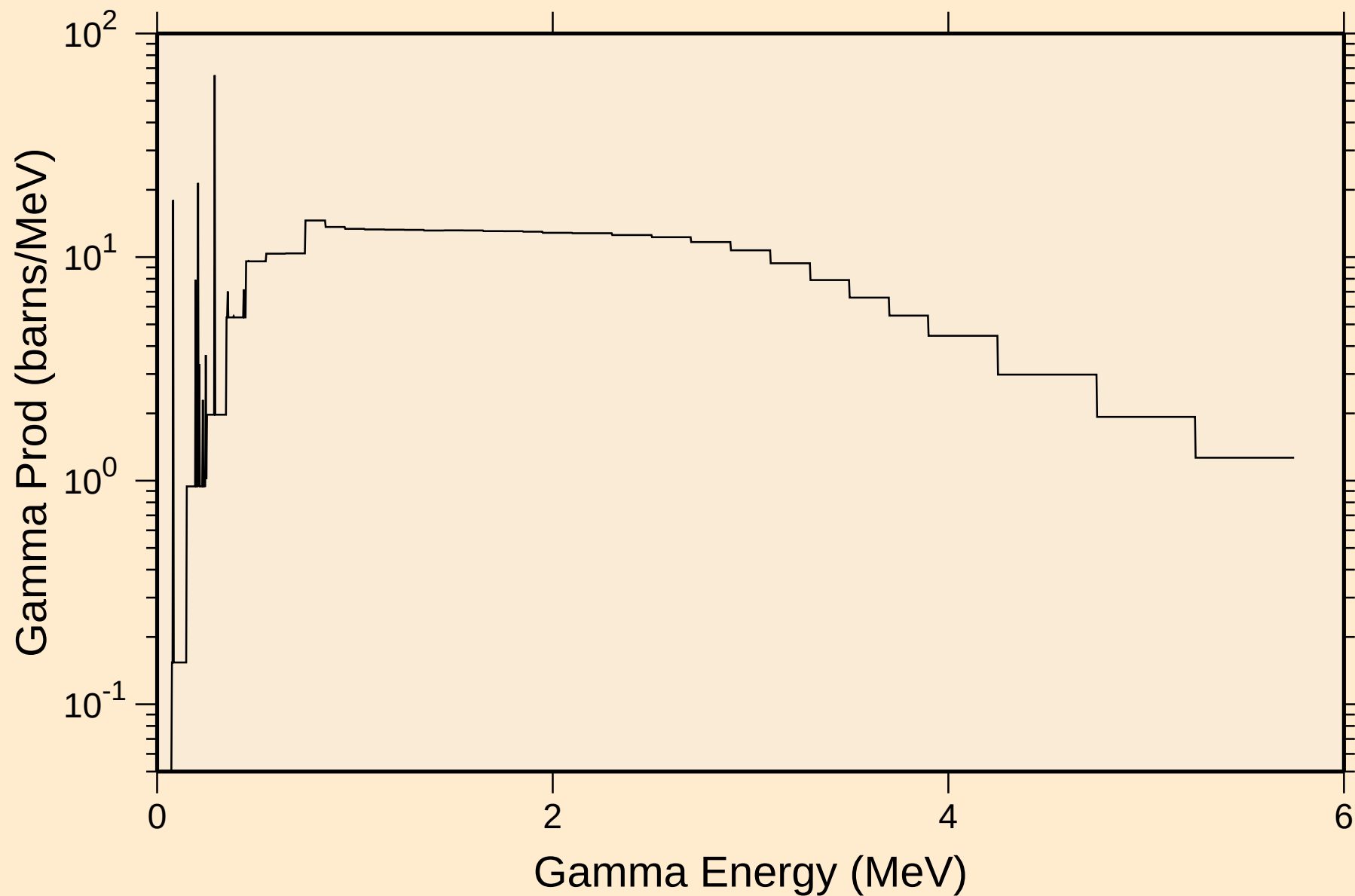
RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



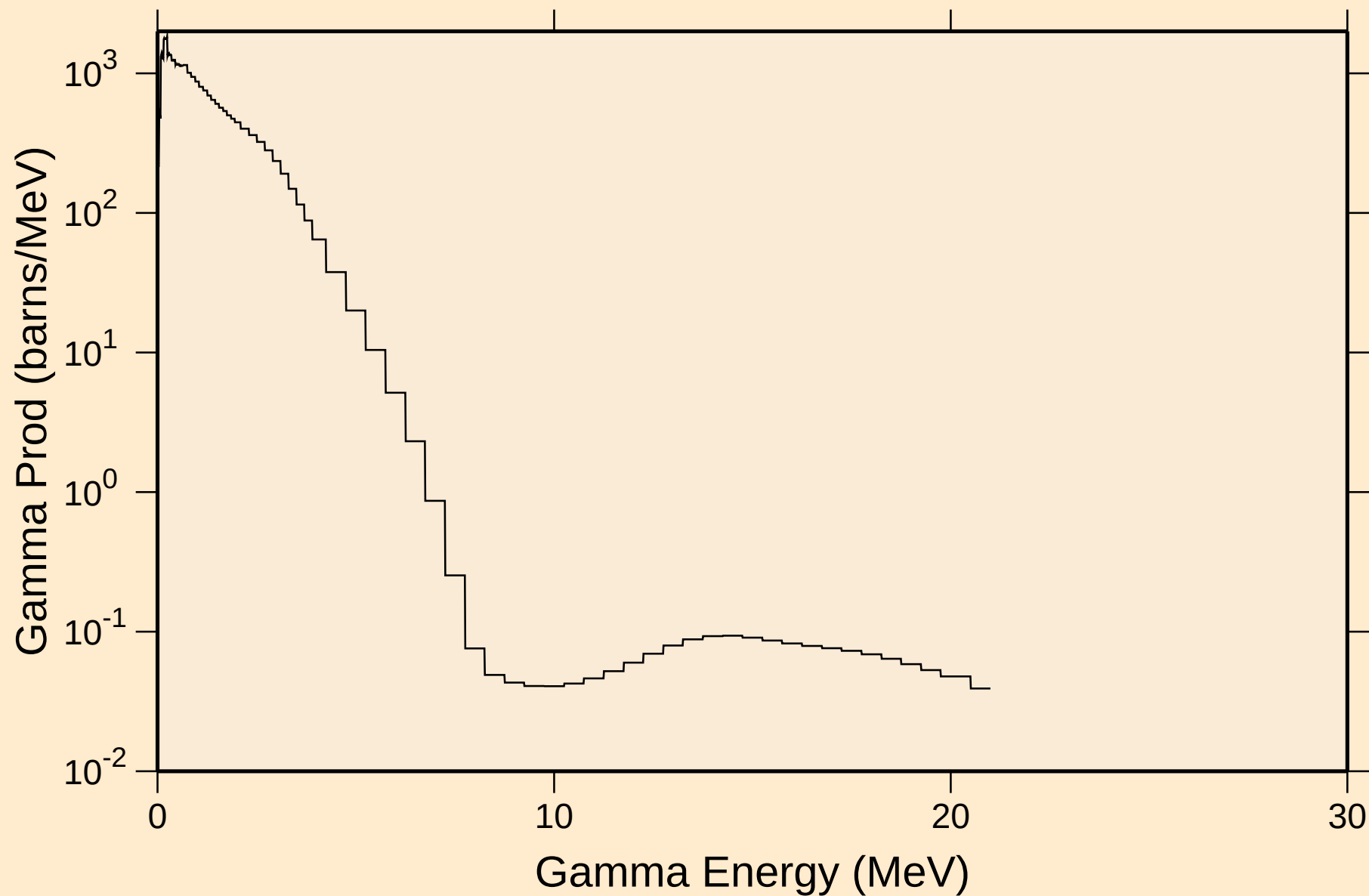
RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

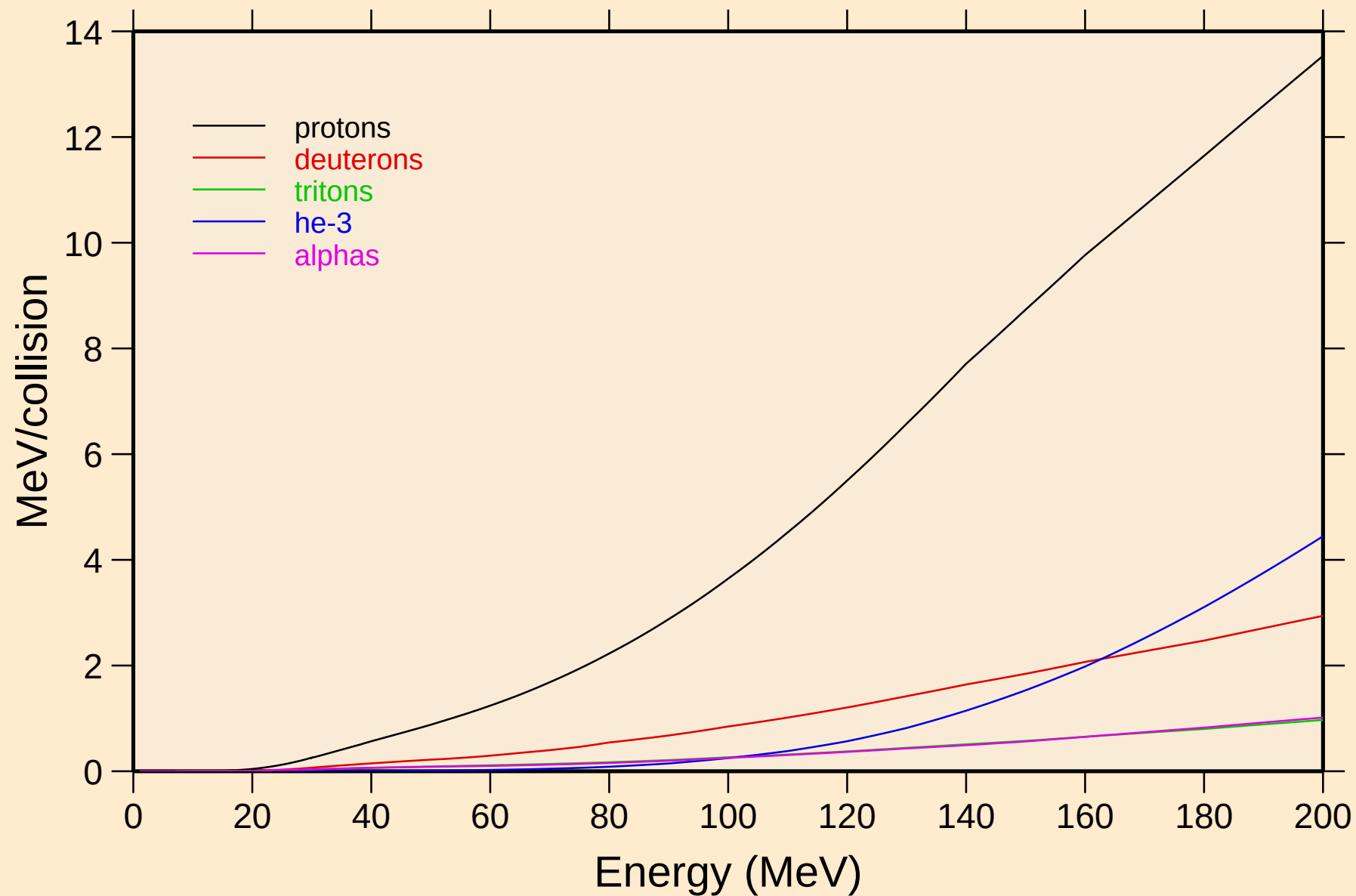


RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum



# RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

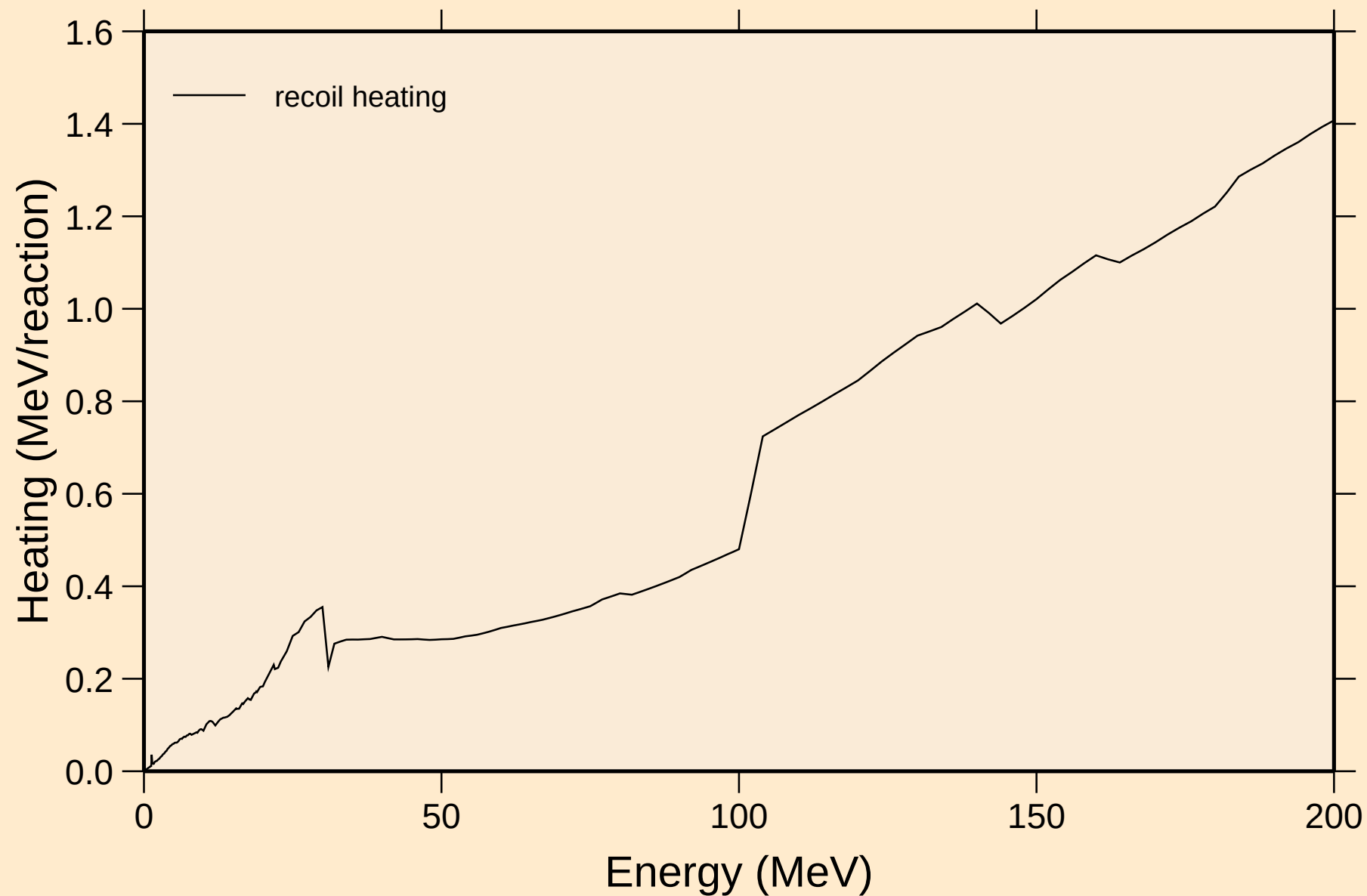
## Particle heating contributions





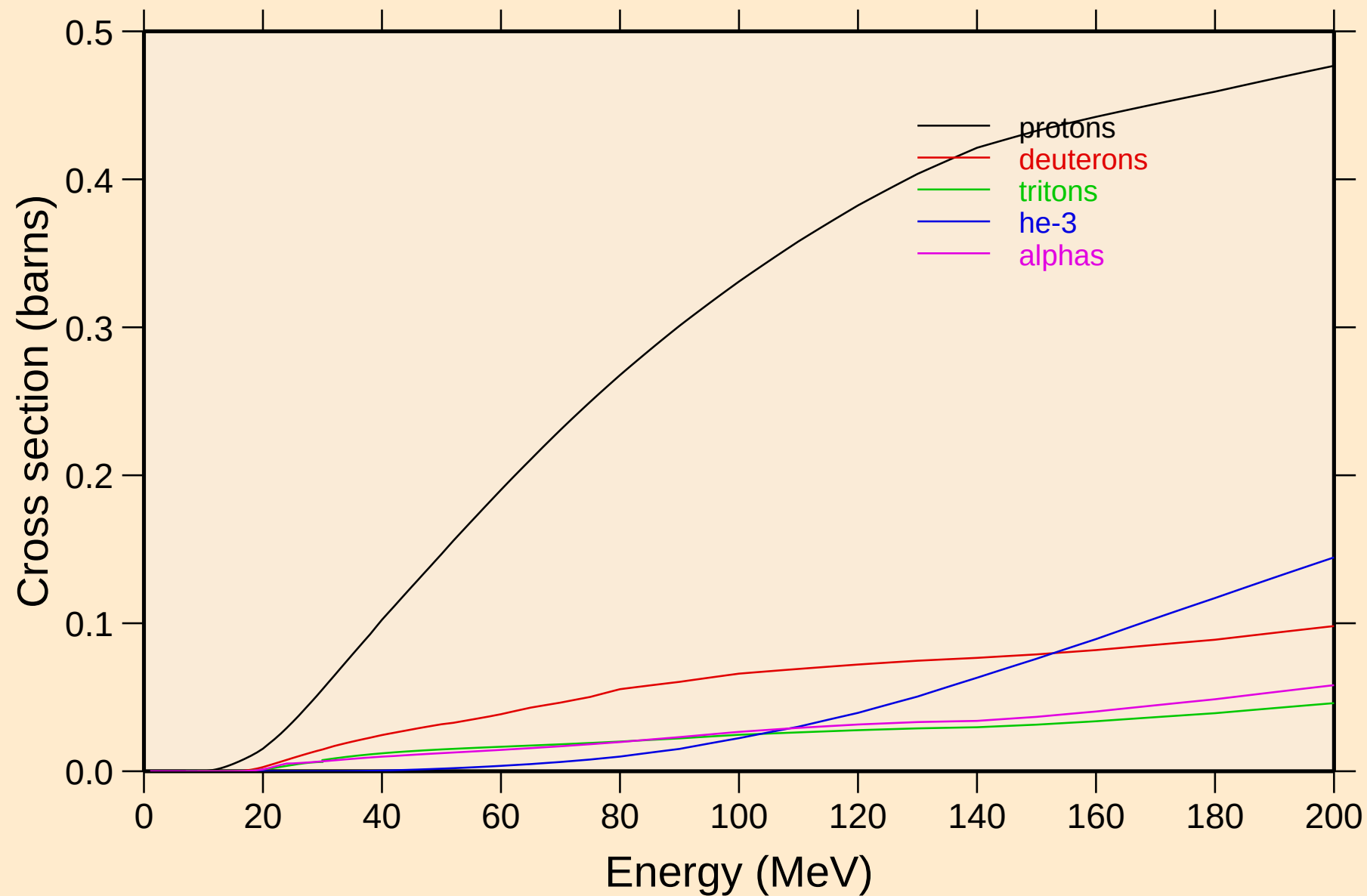
# RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Recoil Heating

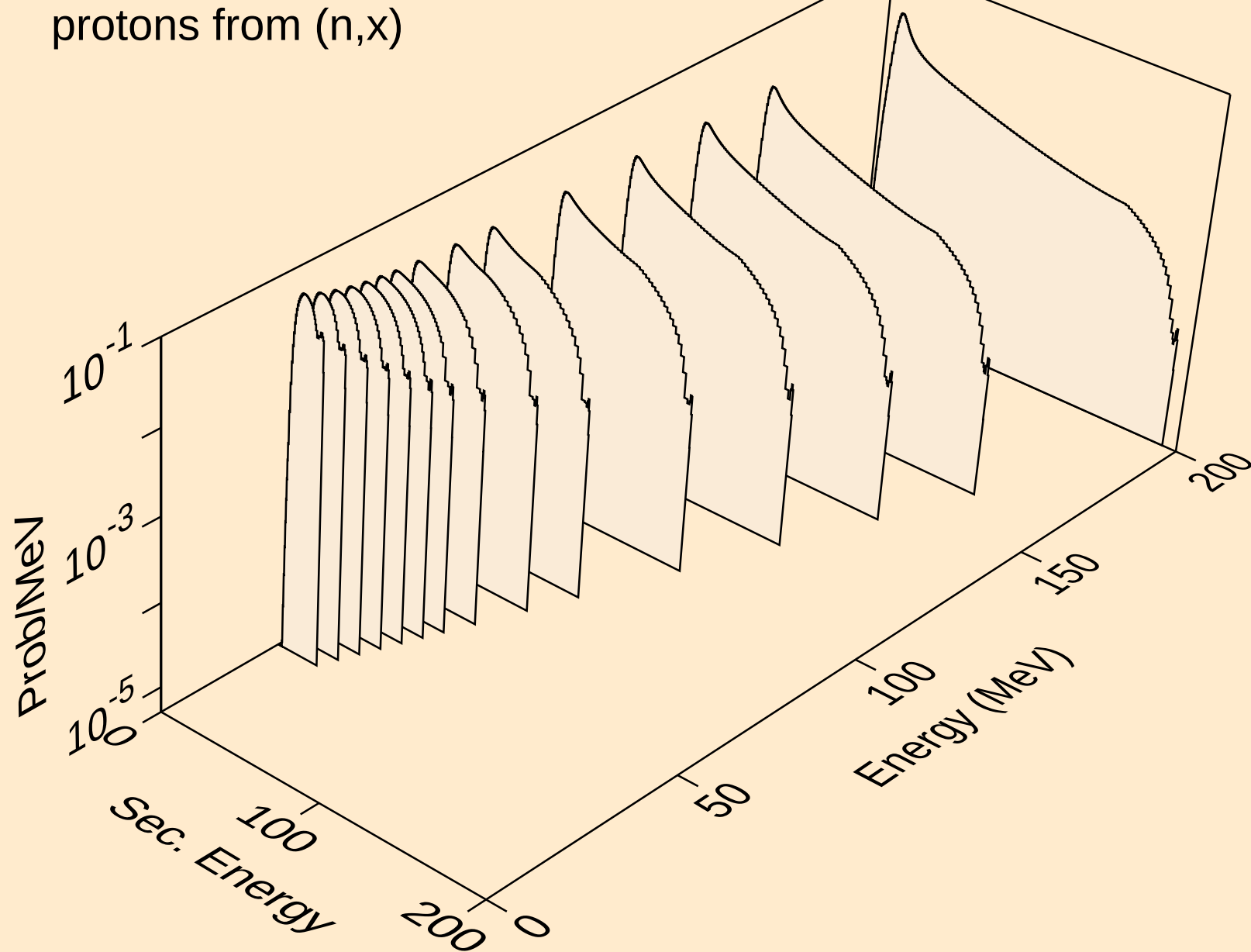


# RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

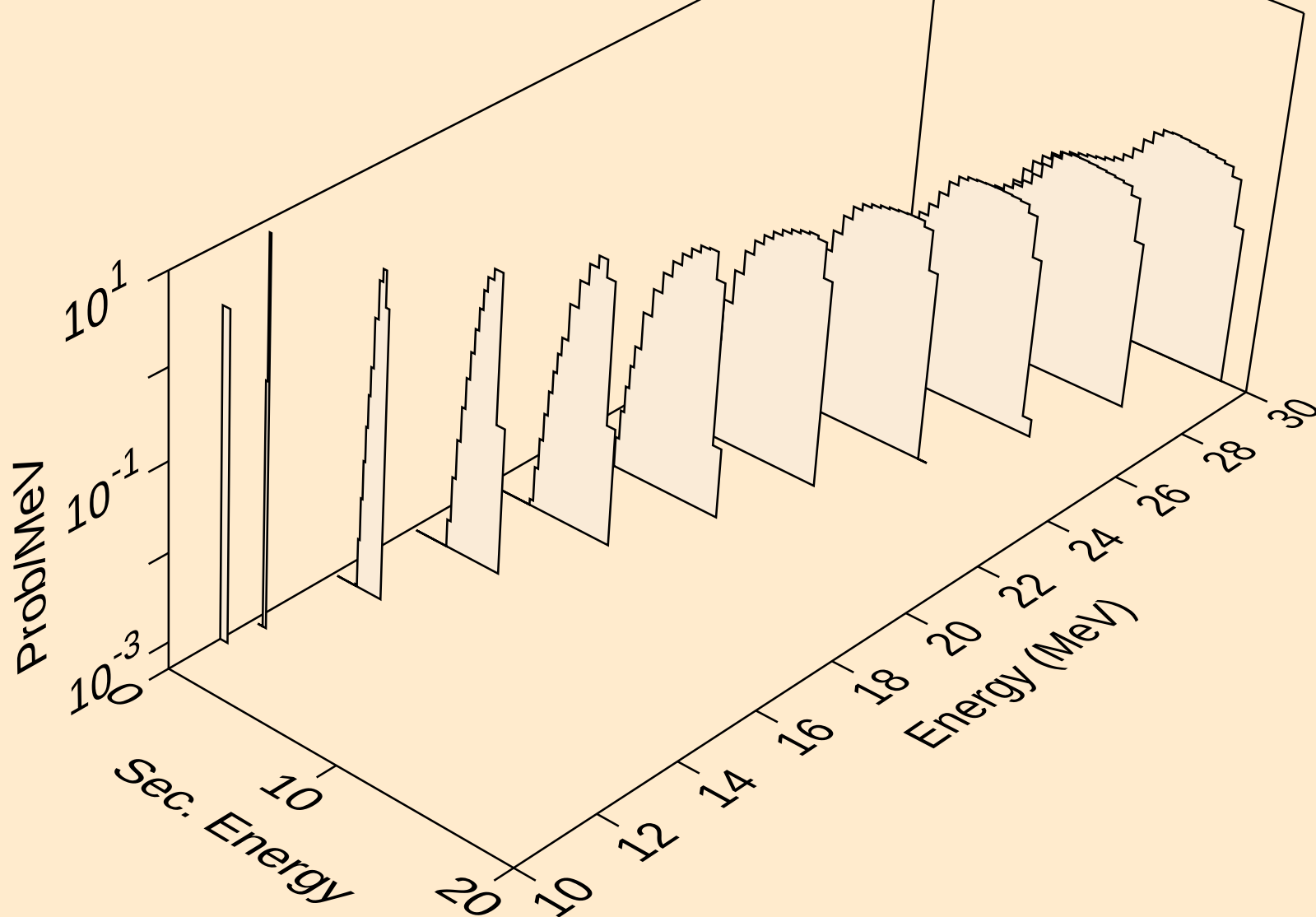
## Particle production cross sections



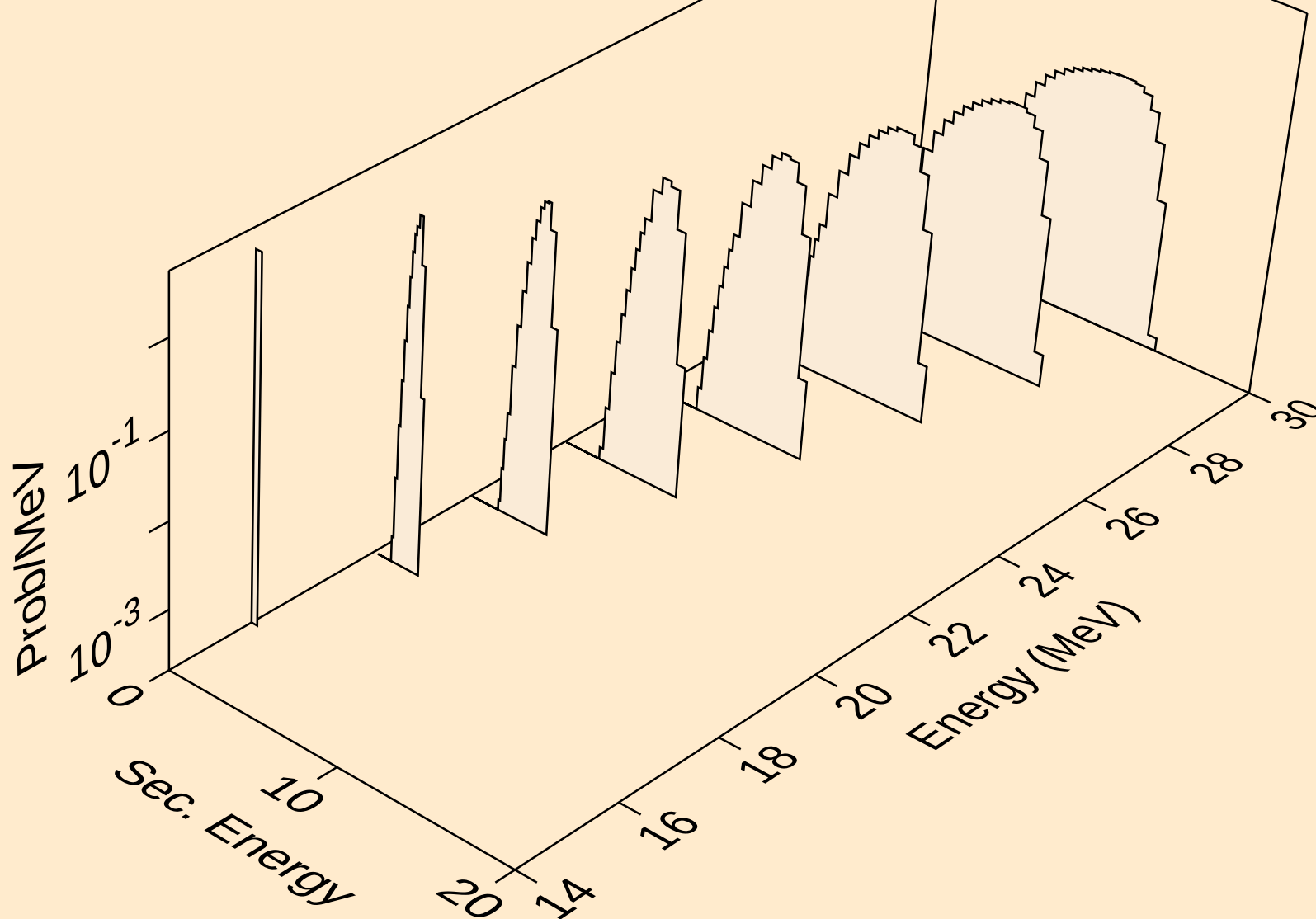
RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



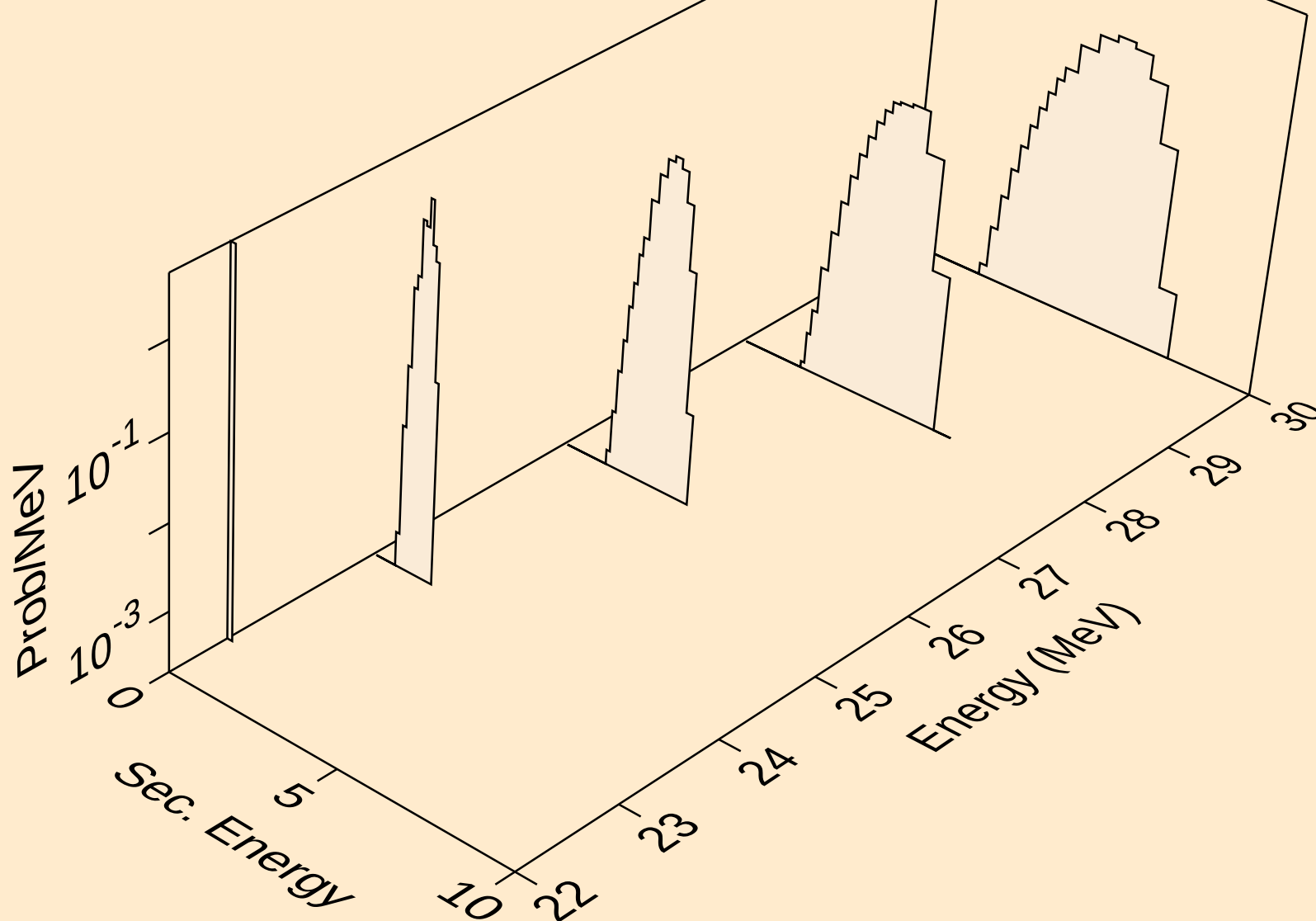
RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p



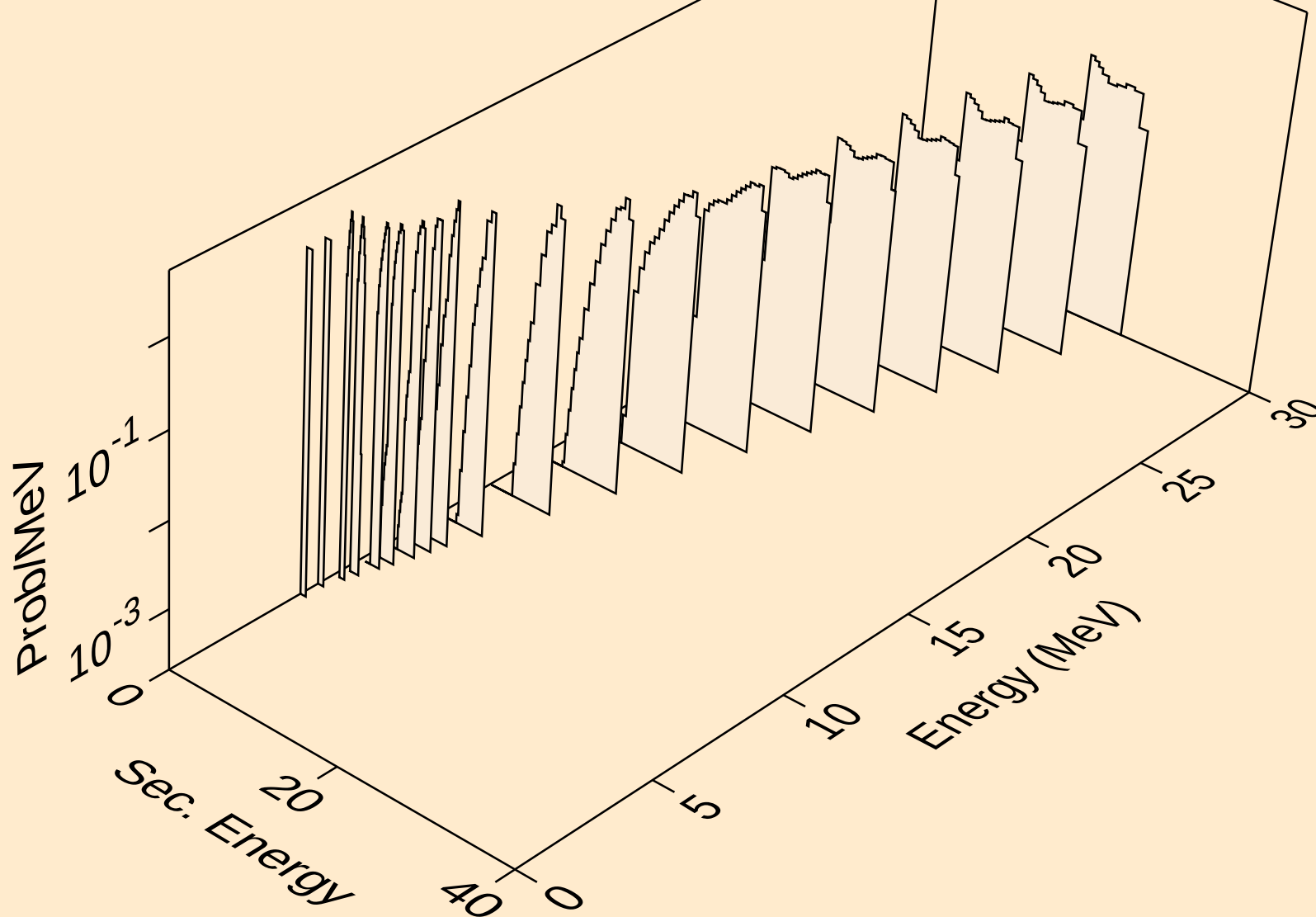
RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2np)



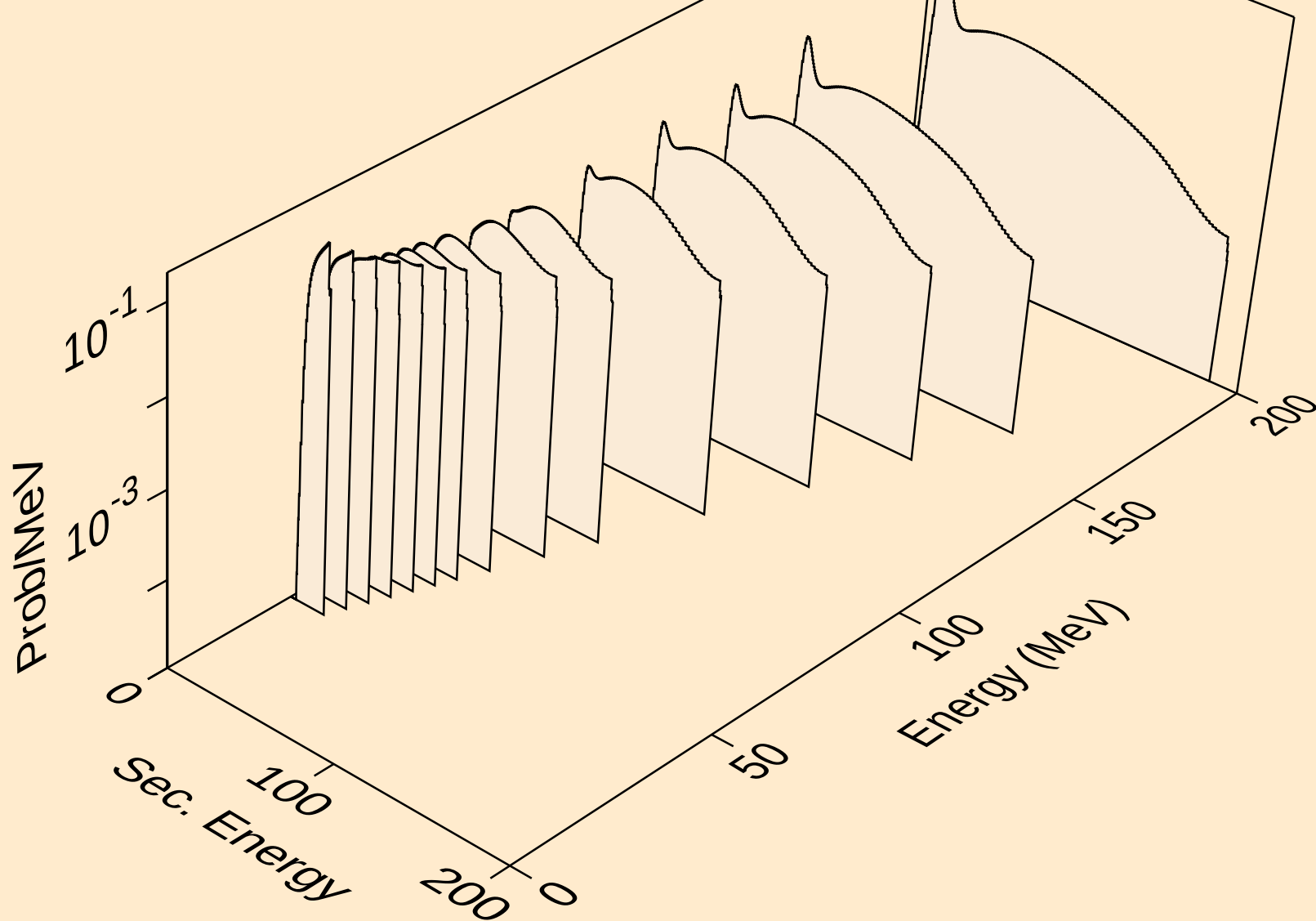
RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,3np)



RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,p)

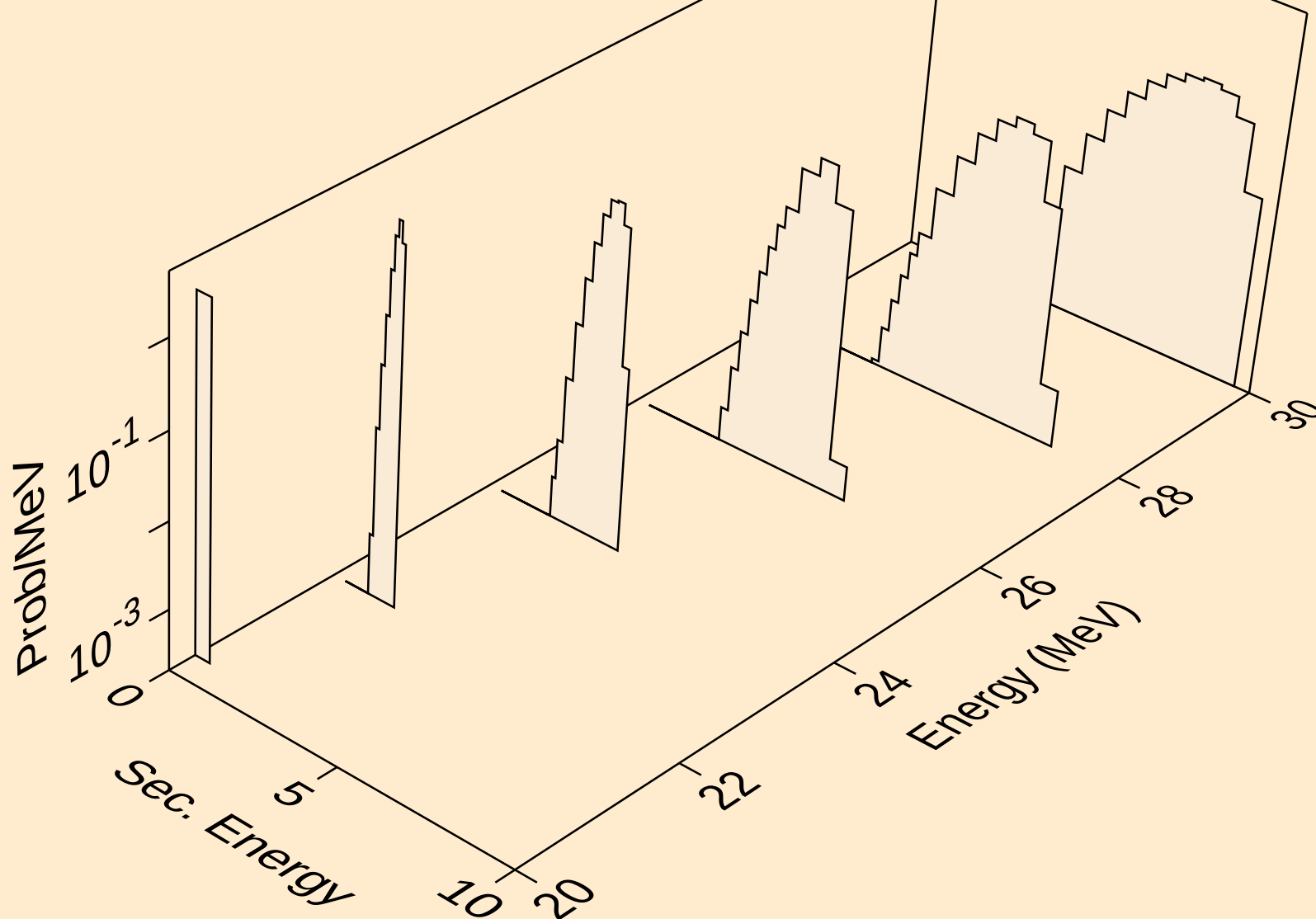


RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,x)

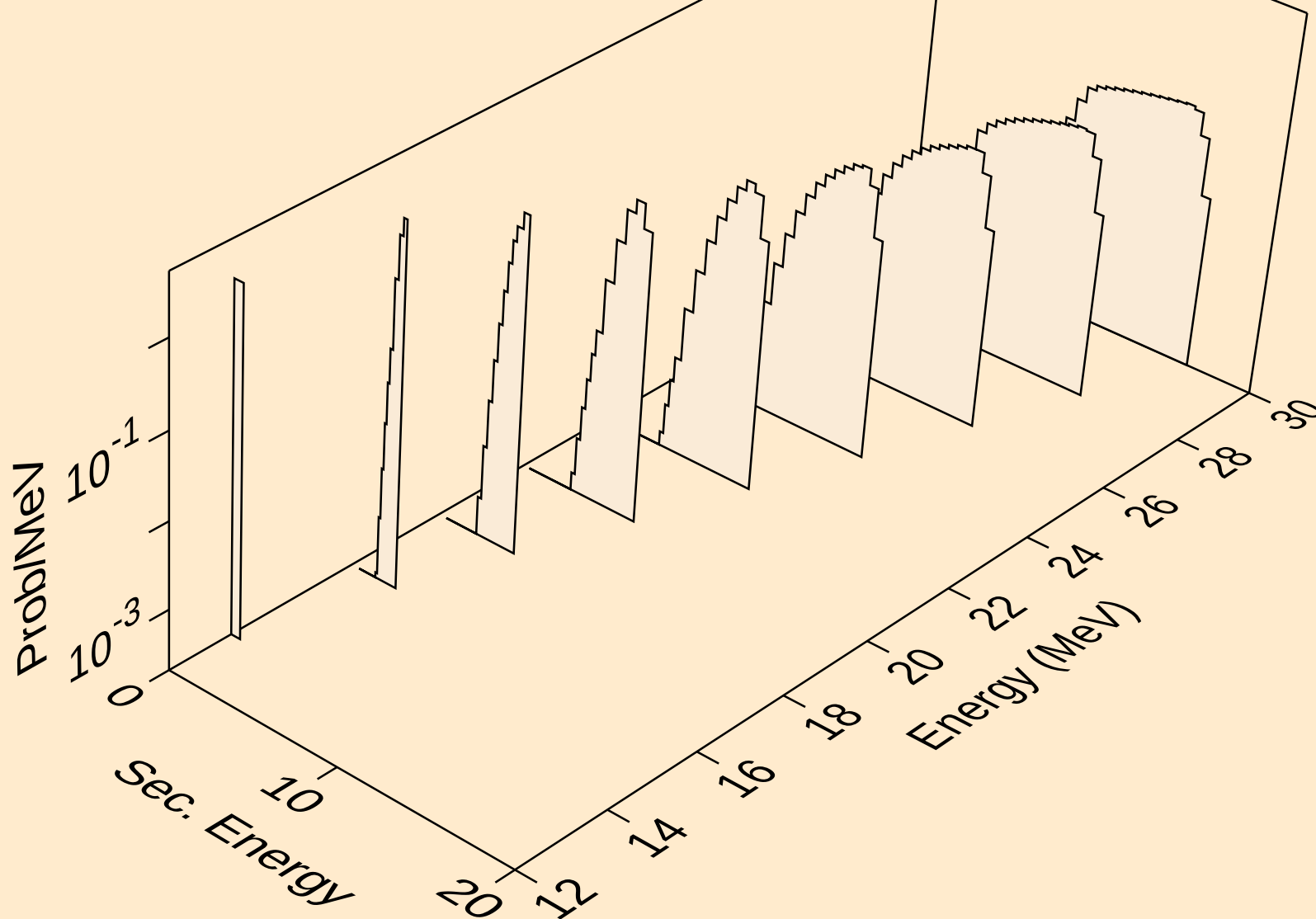




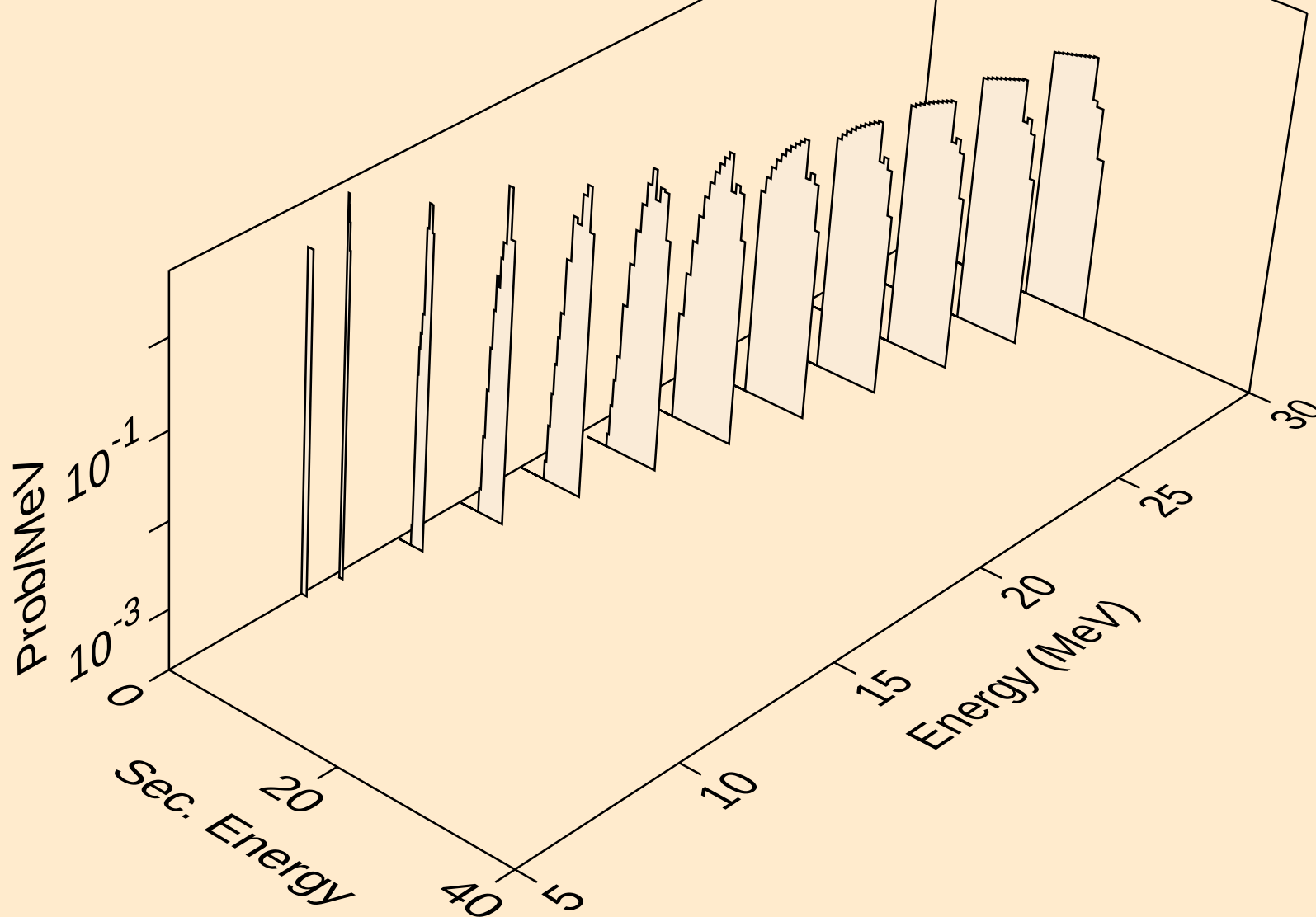
RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,2nd)



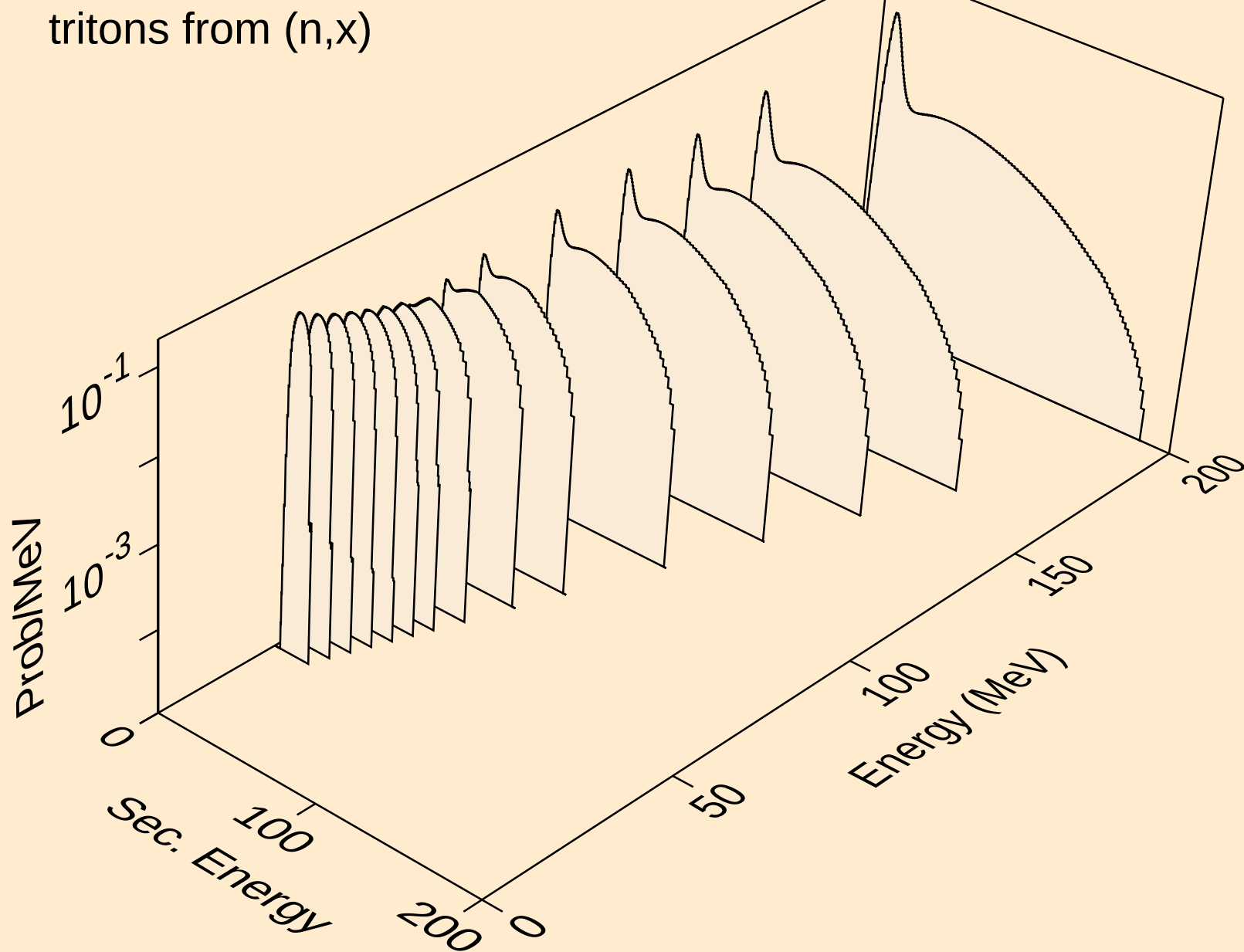
RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,n\*)d



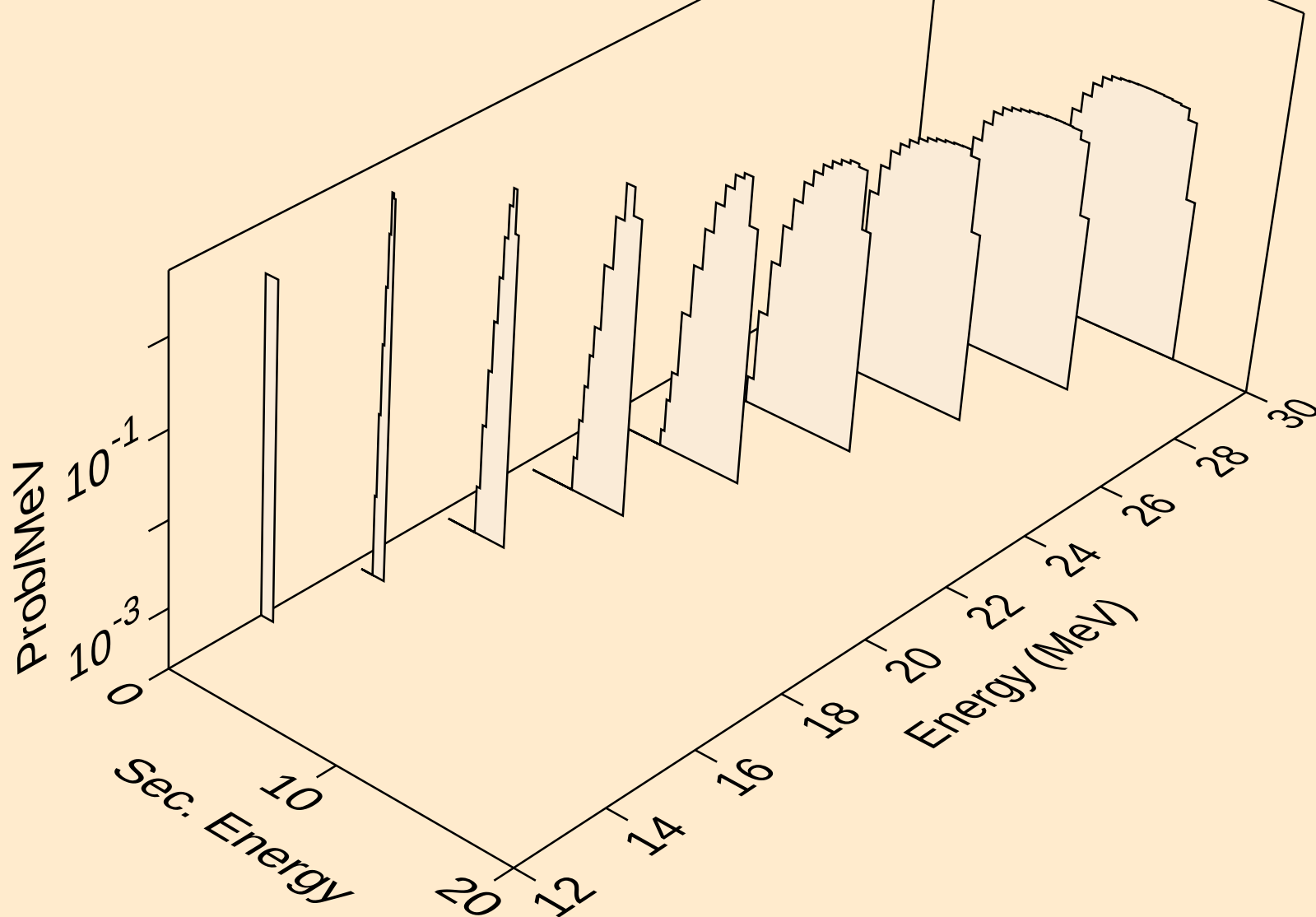
RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,d)



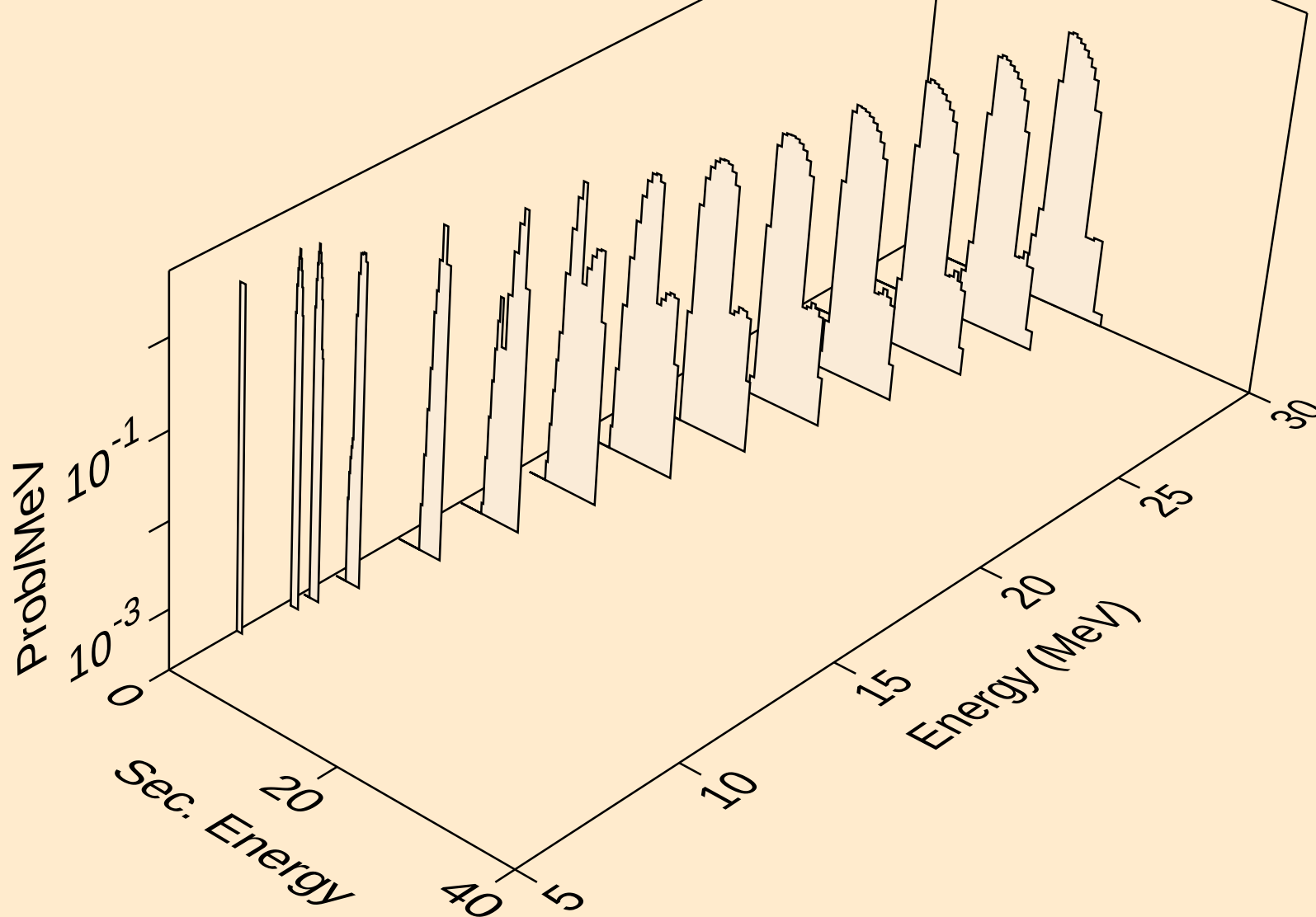
RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,x)



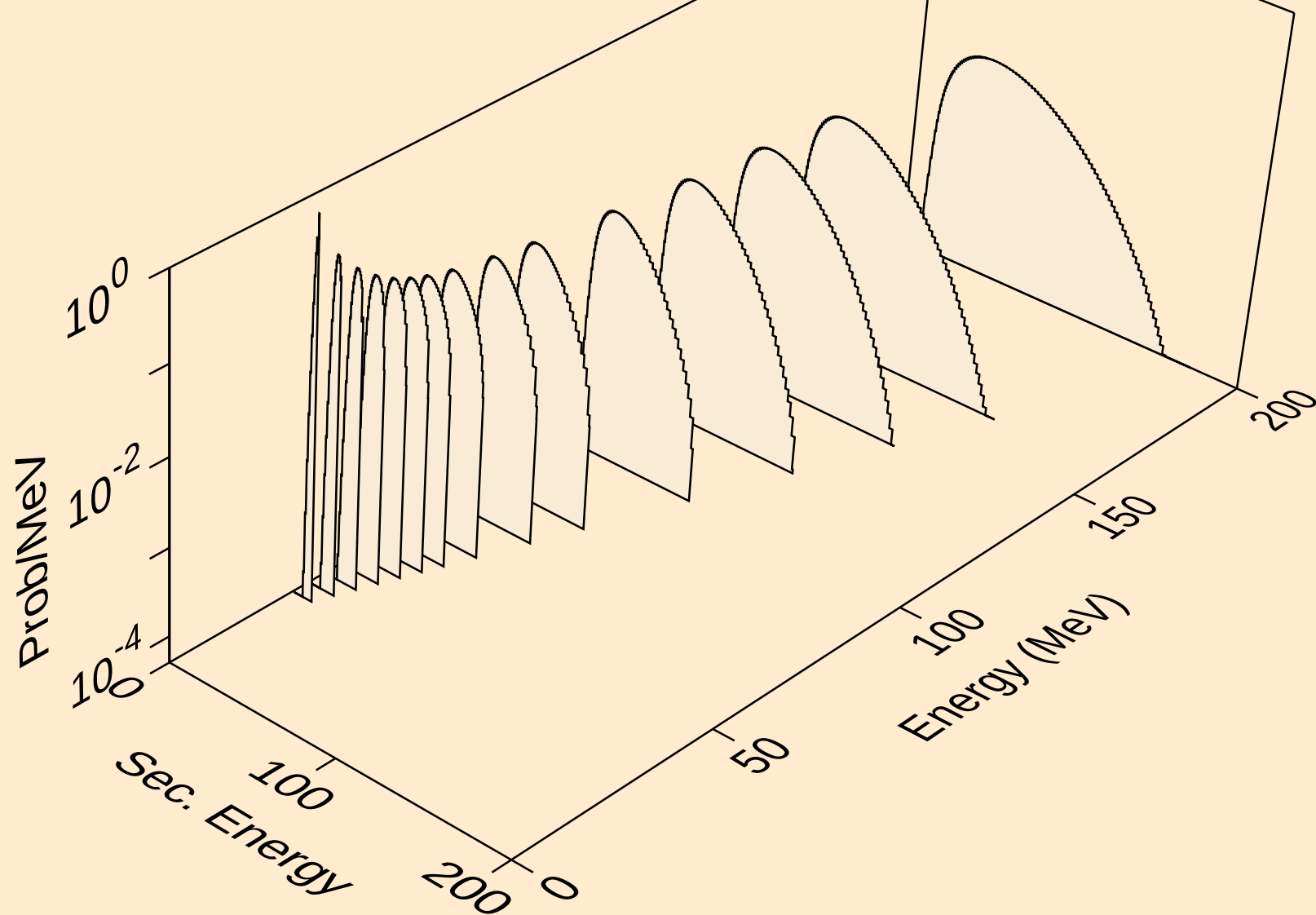
RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t



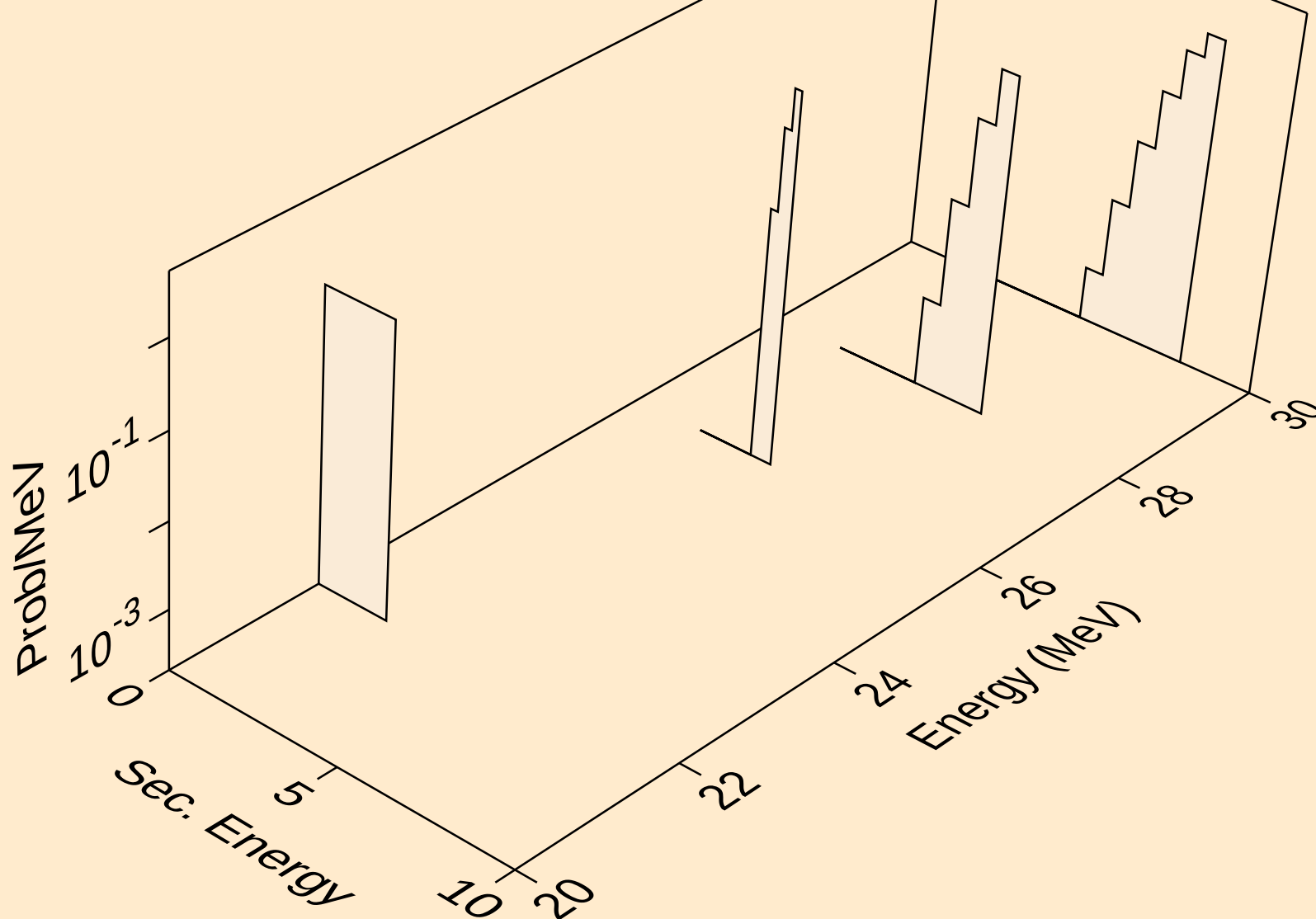
RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,t)



RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,x)

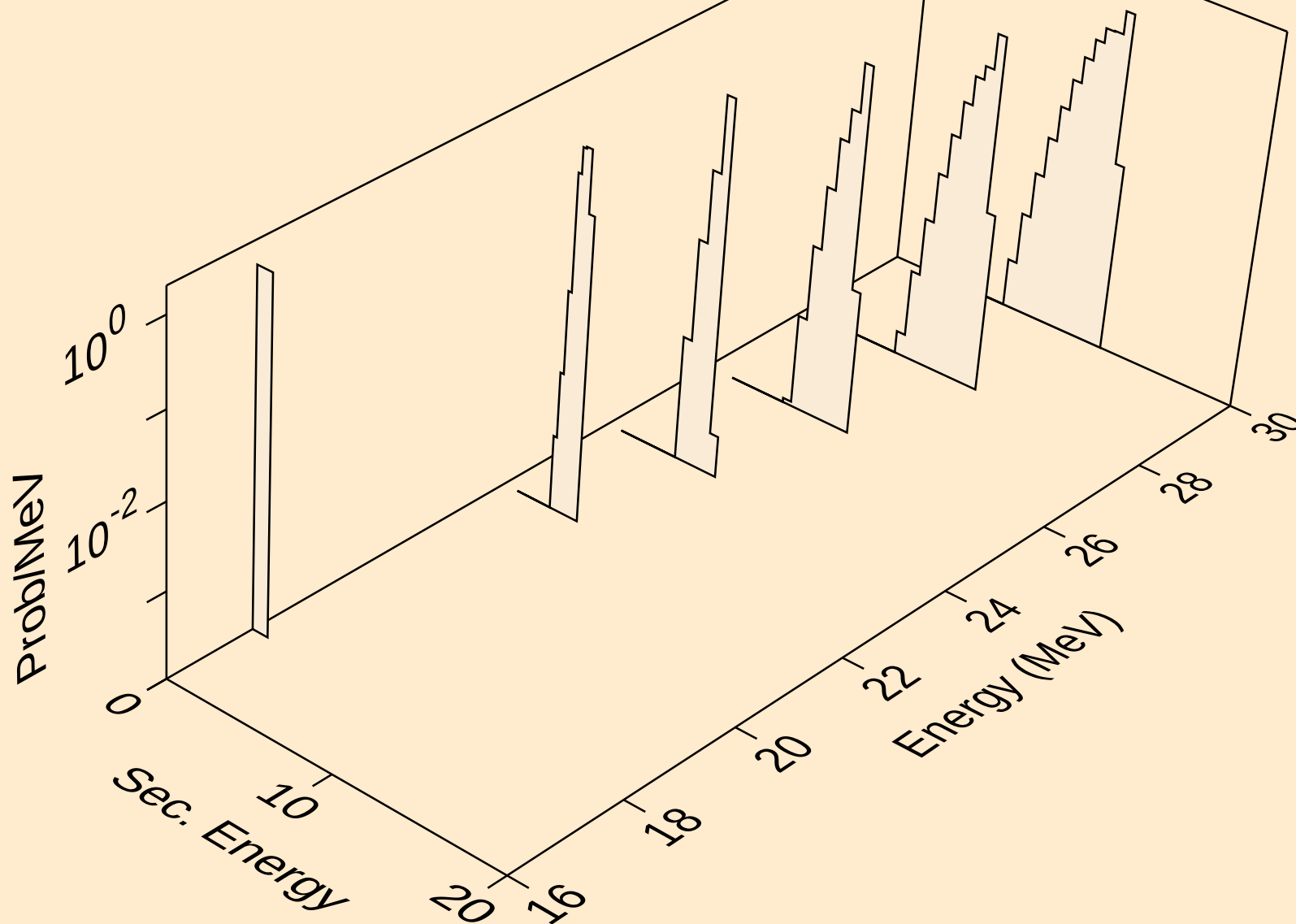


RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,n\*)he3

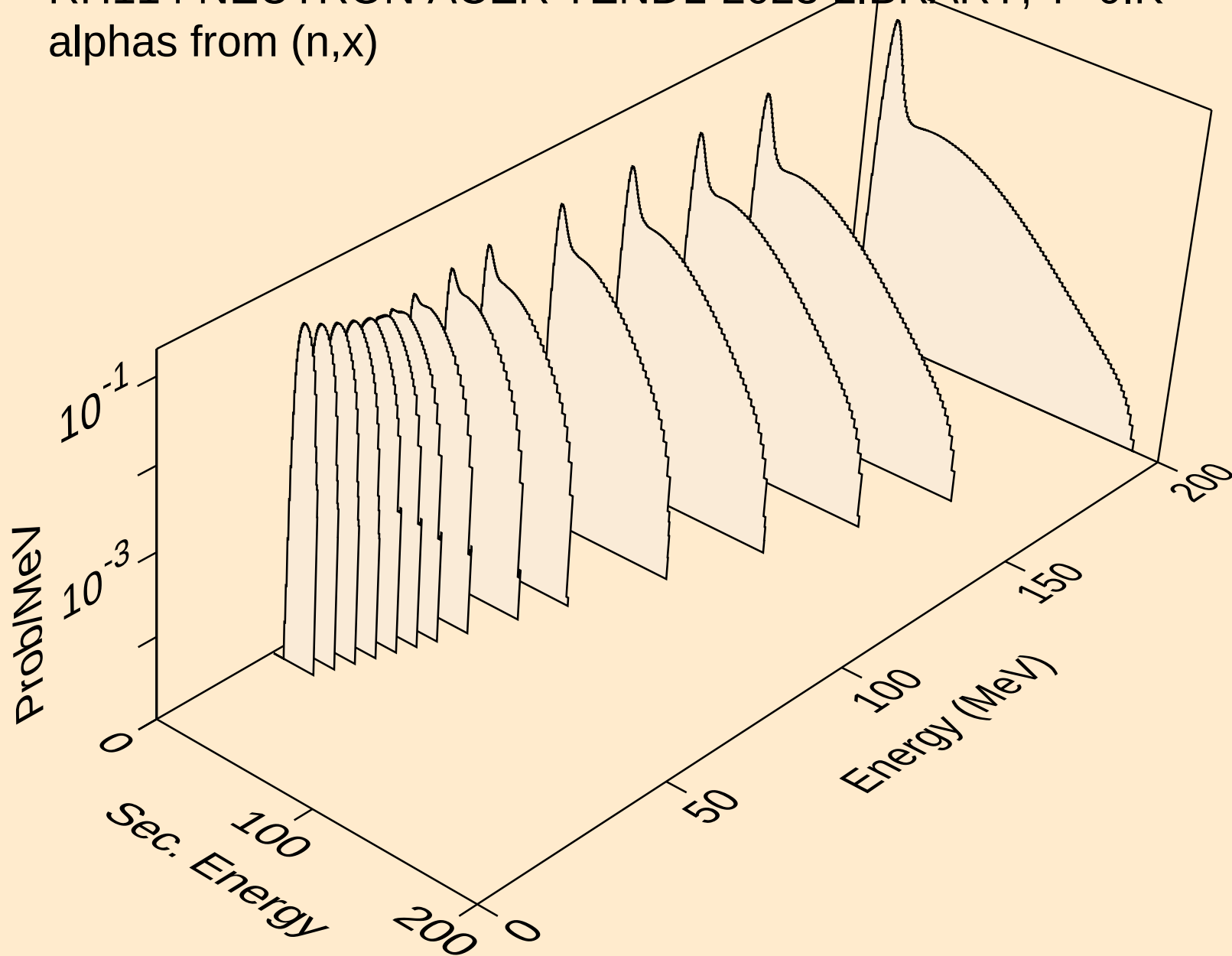




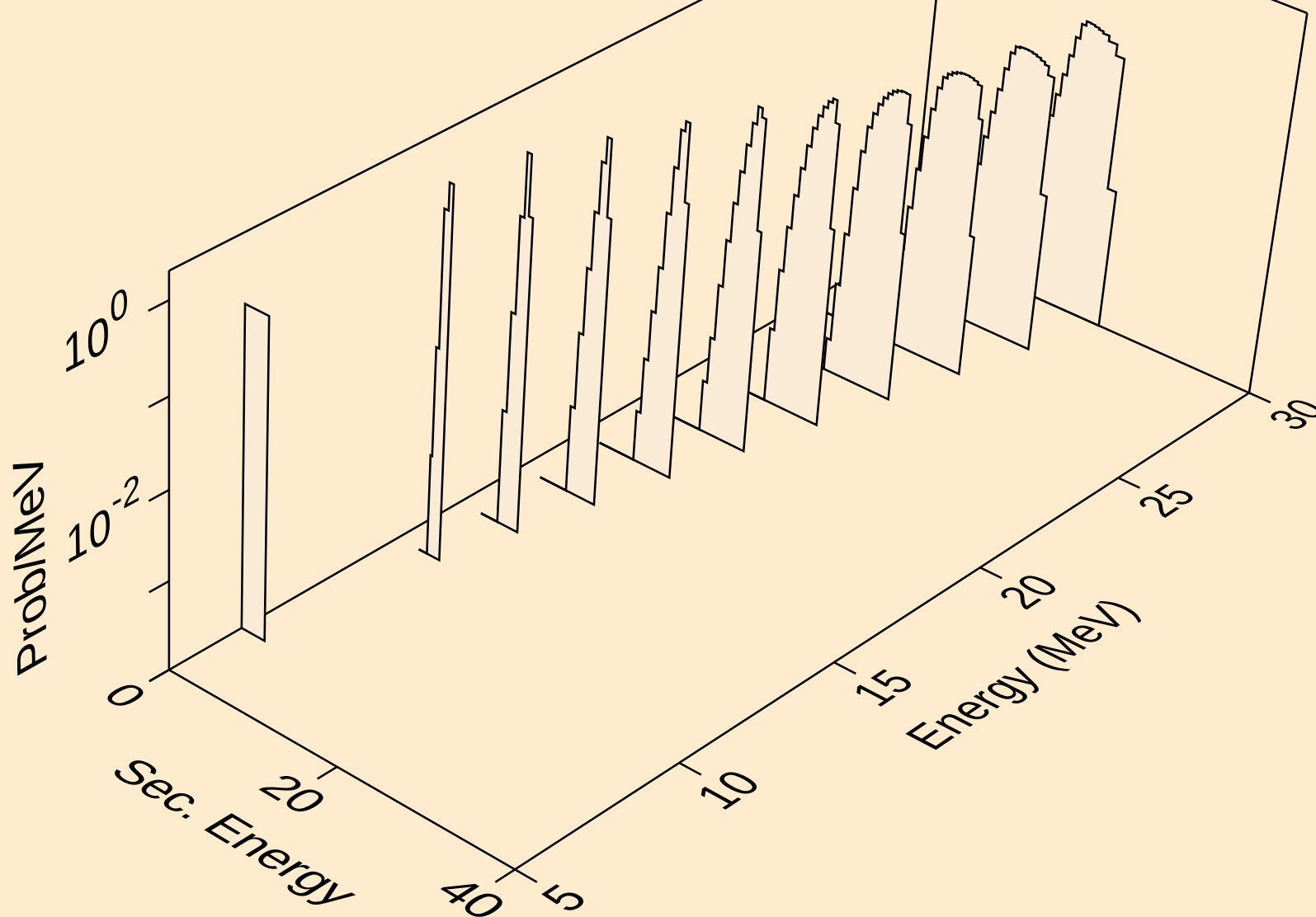
RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,he3)



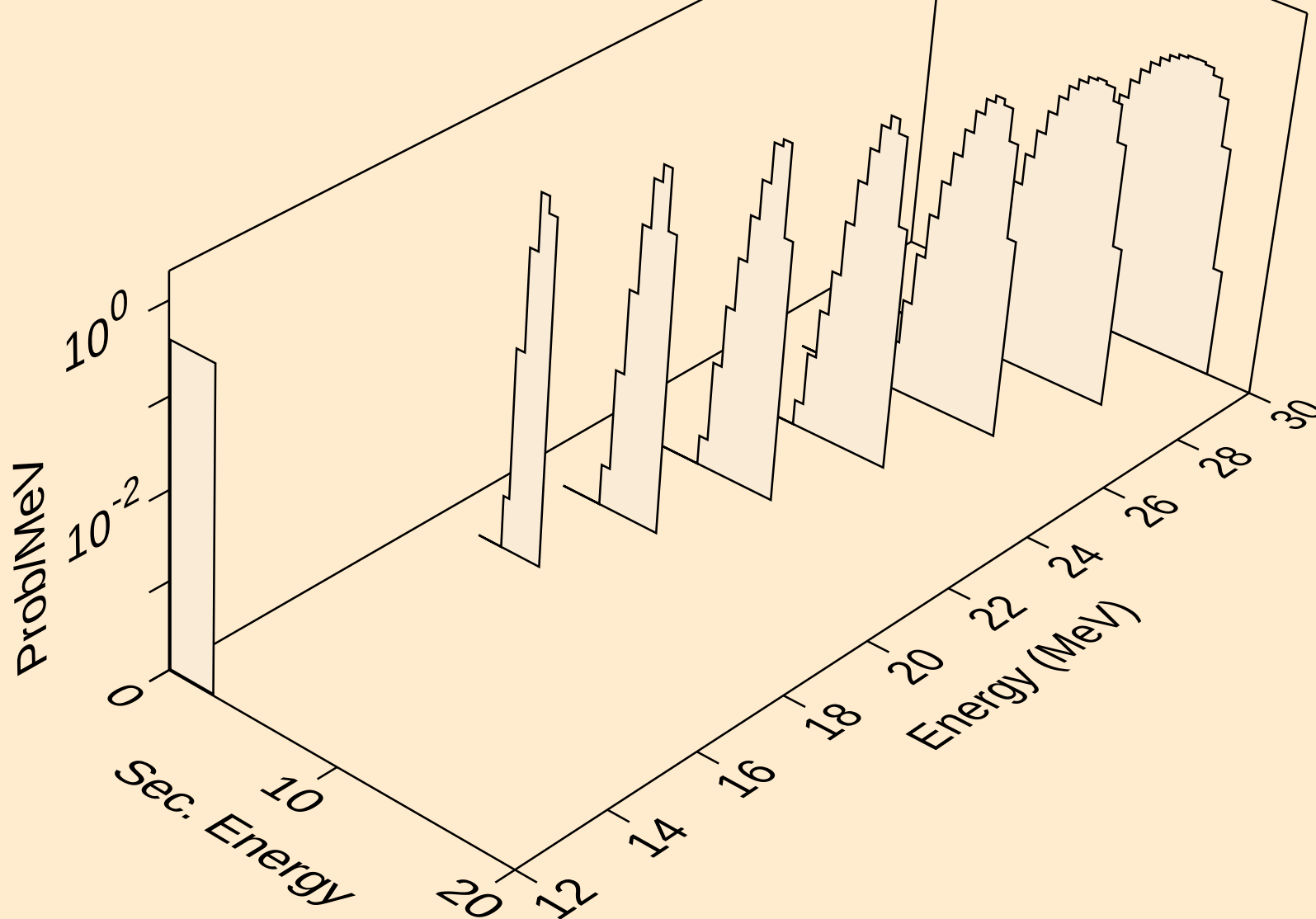
RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



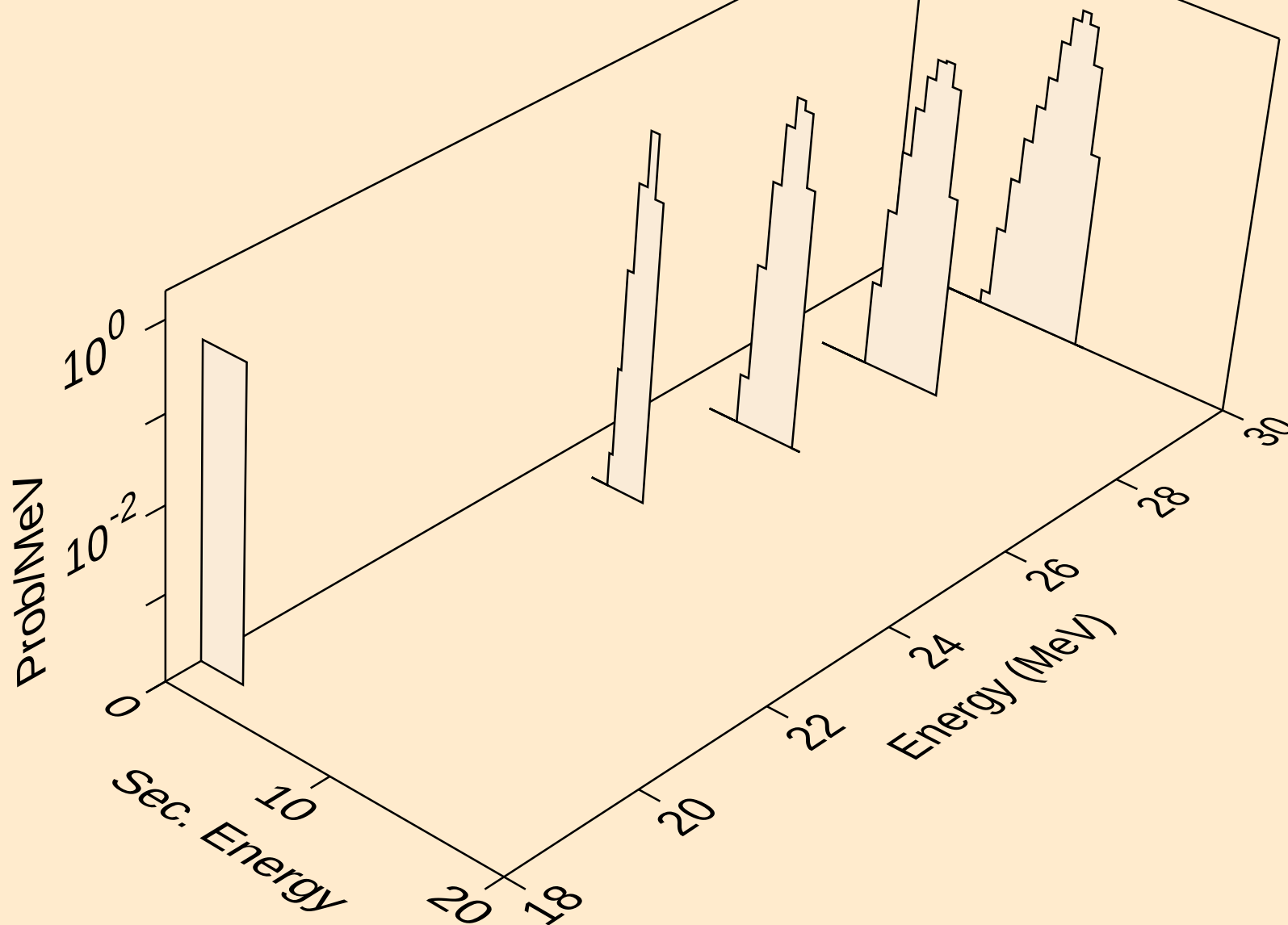
RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a



RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n) $\alpha$



RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3n)a



RH114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)

