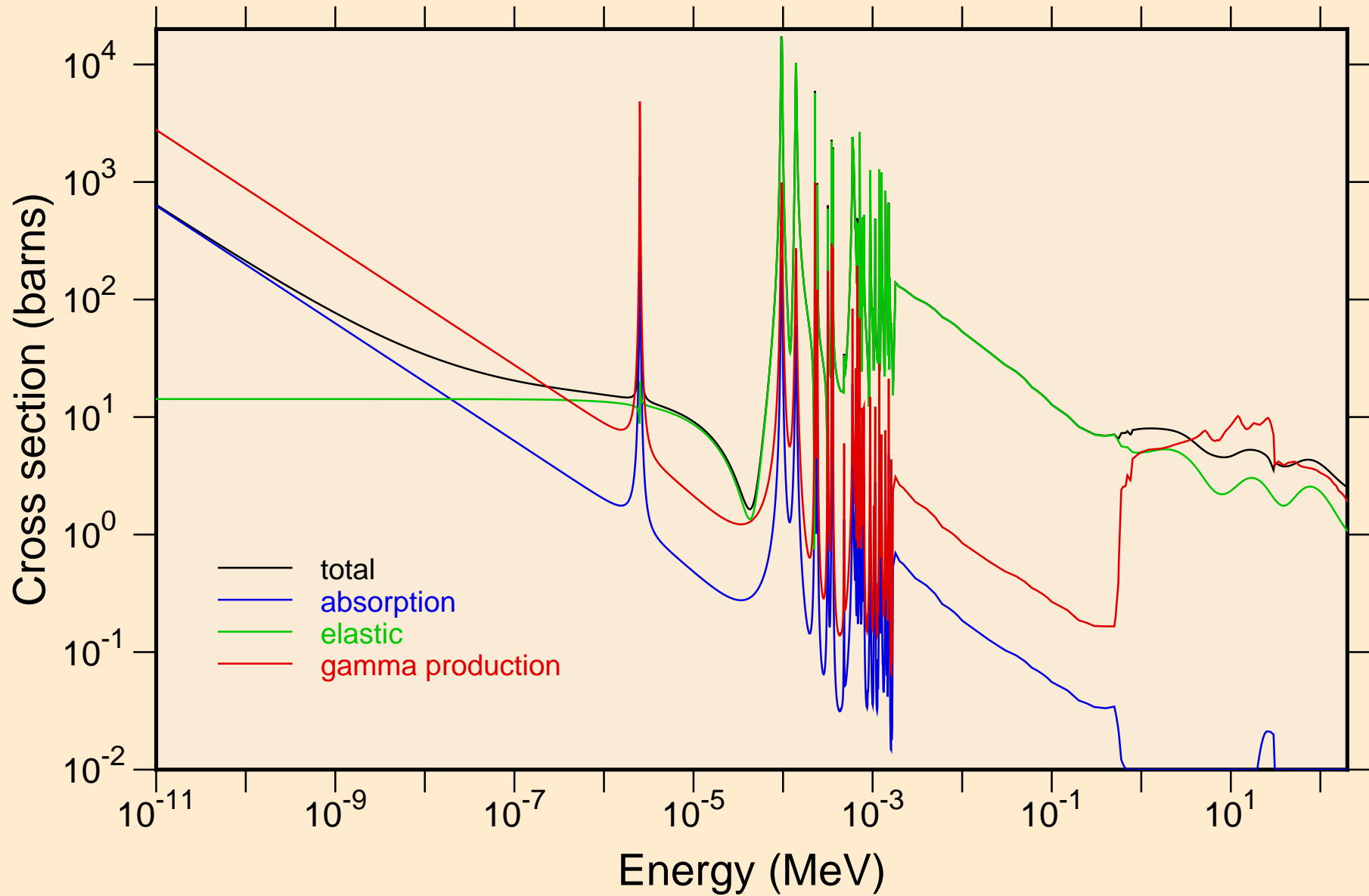
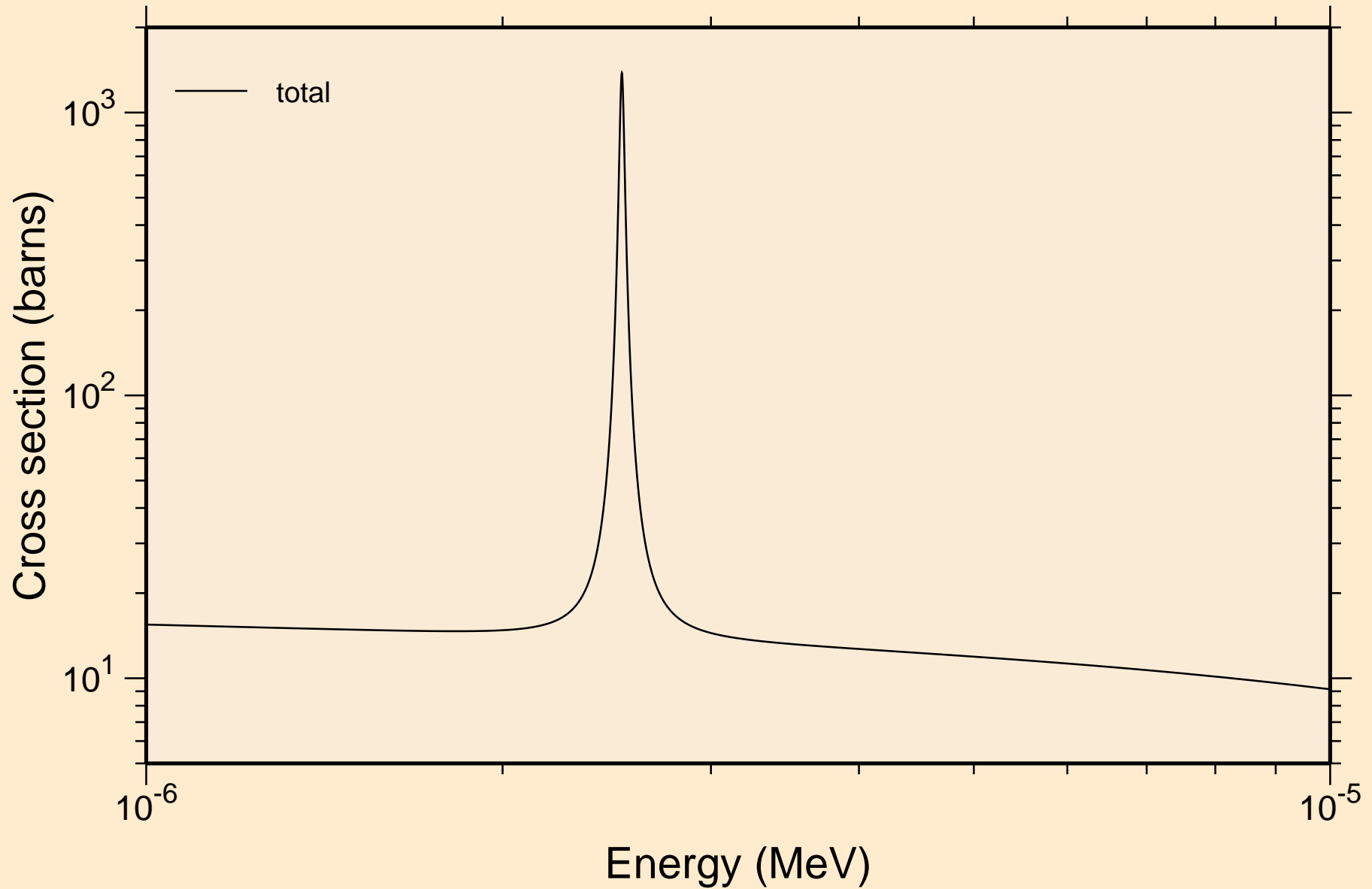


# GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

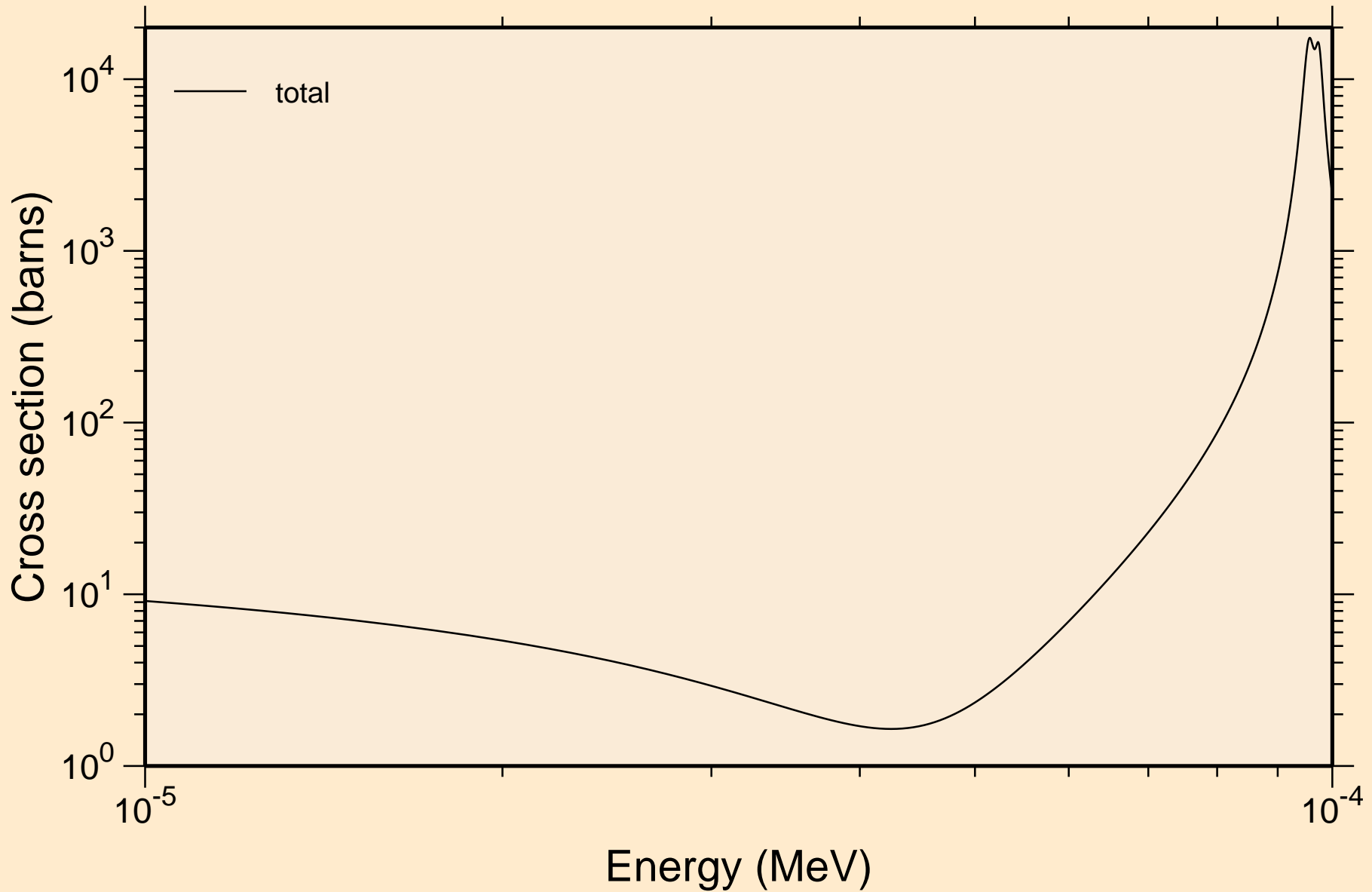
## Principal cross sections



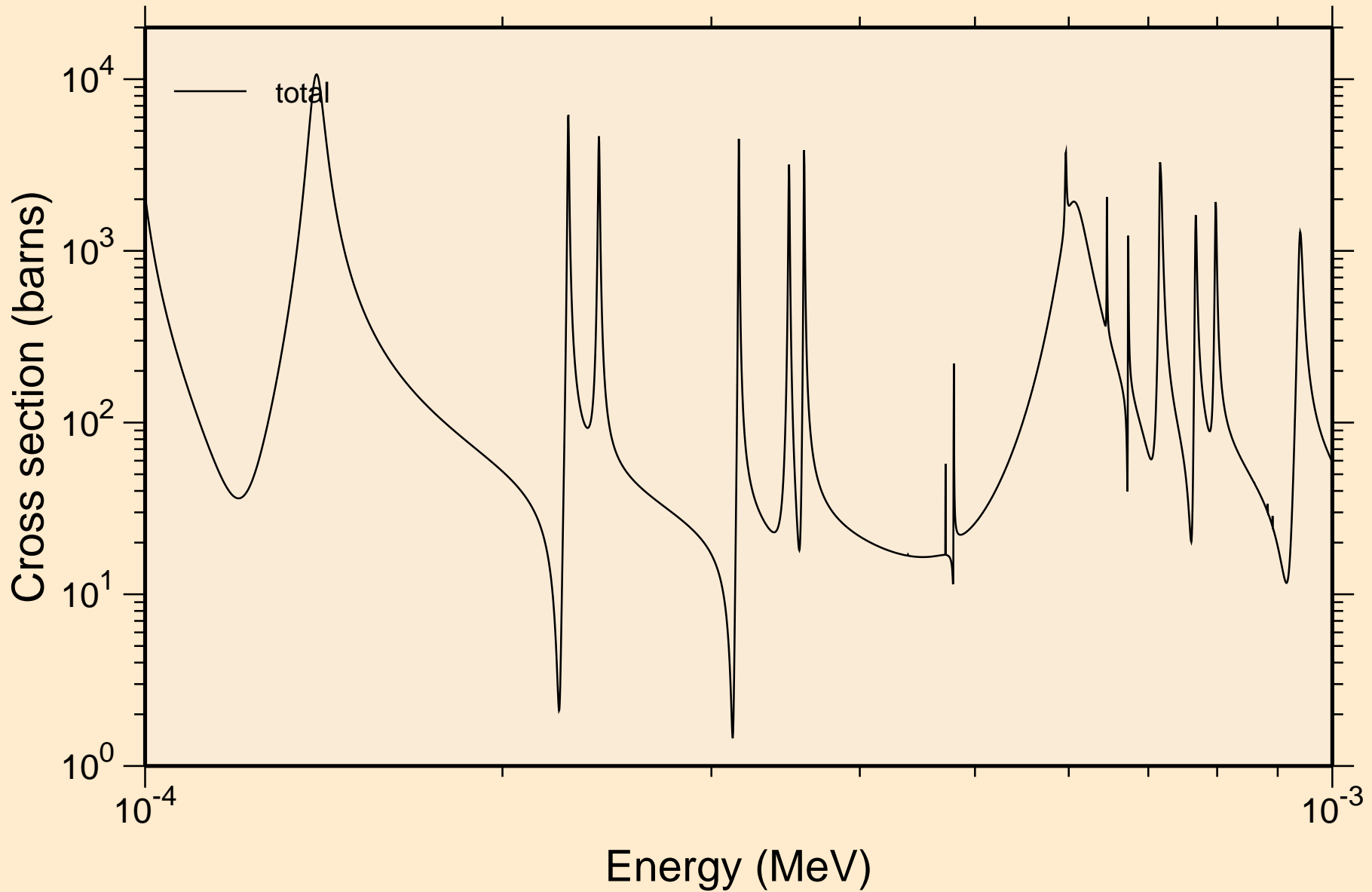
GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



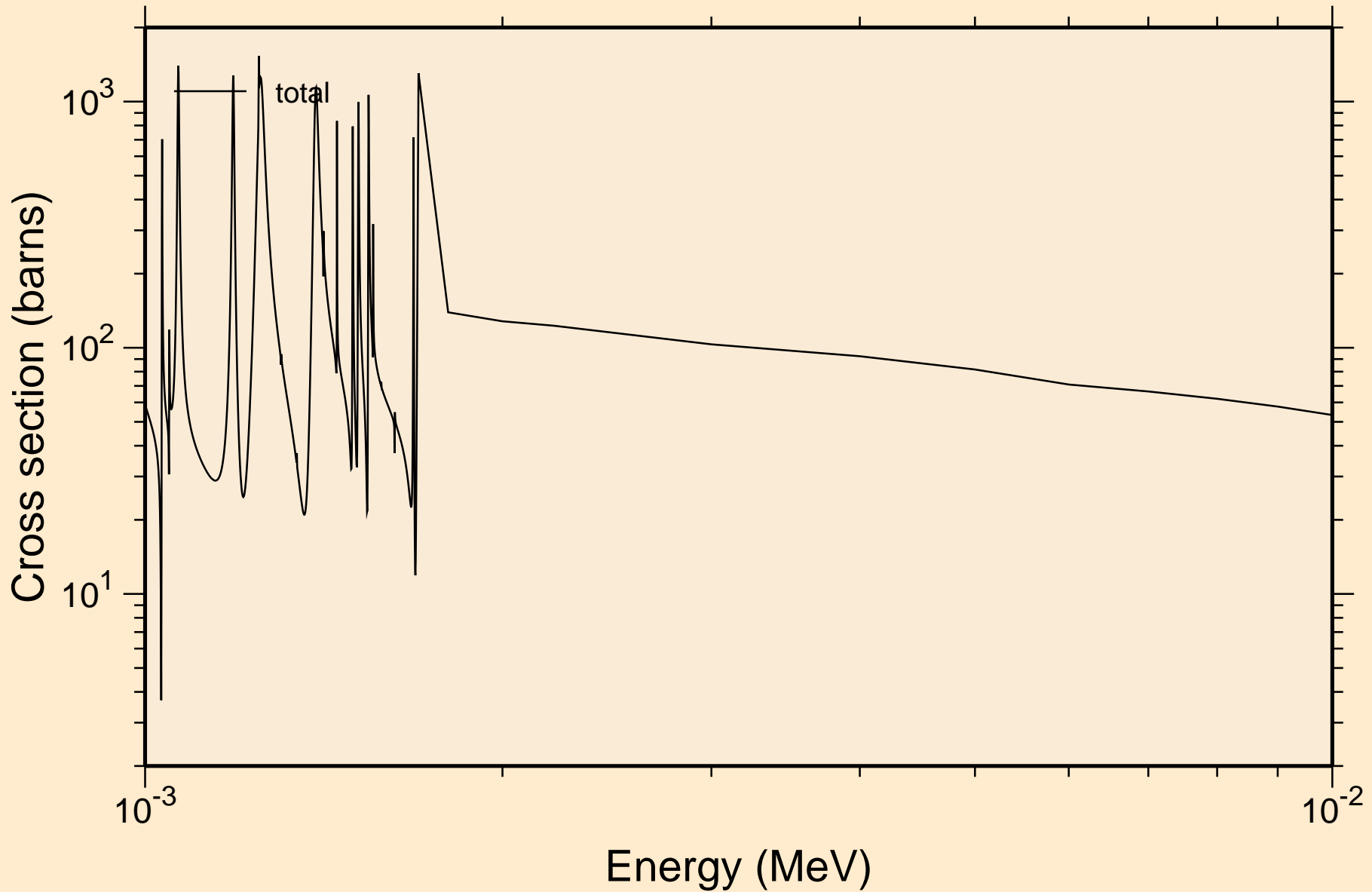
GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



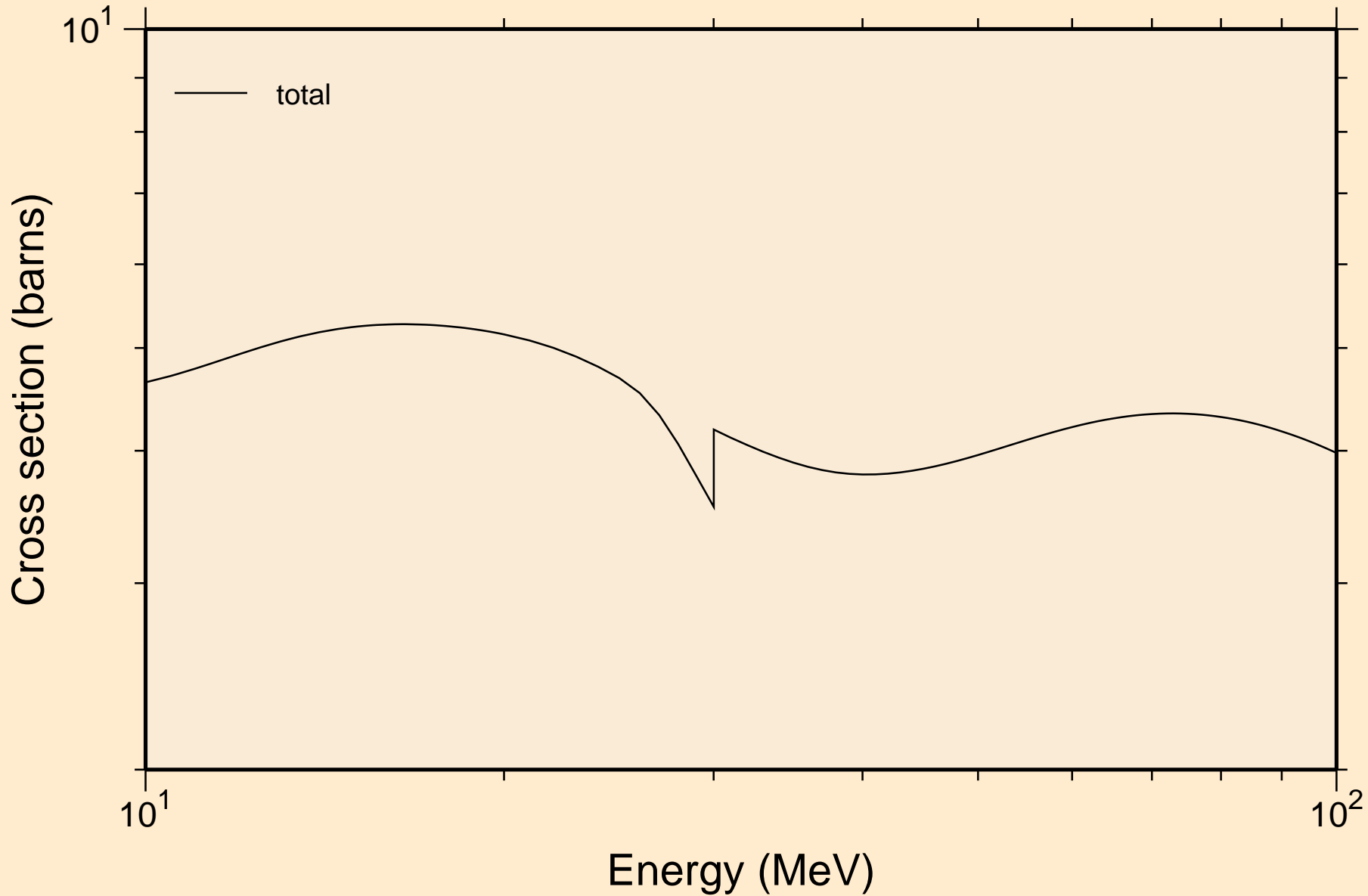
GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



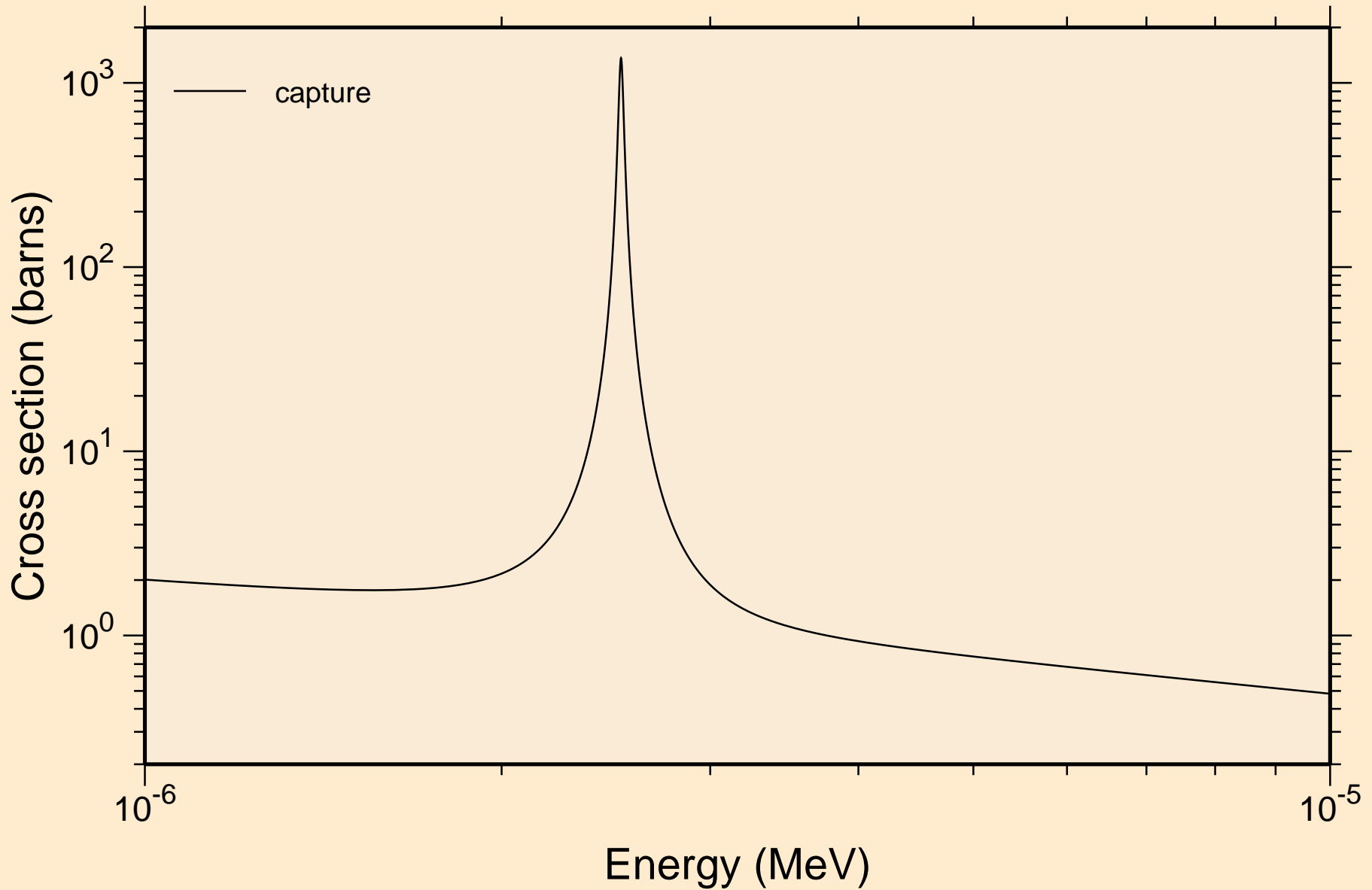
GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



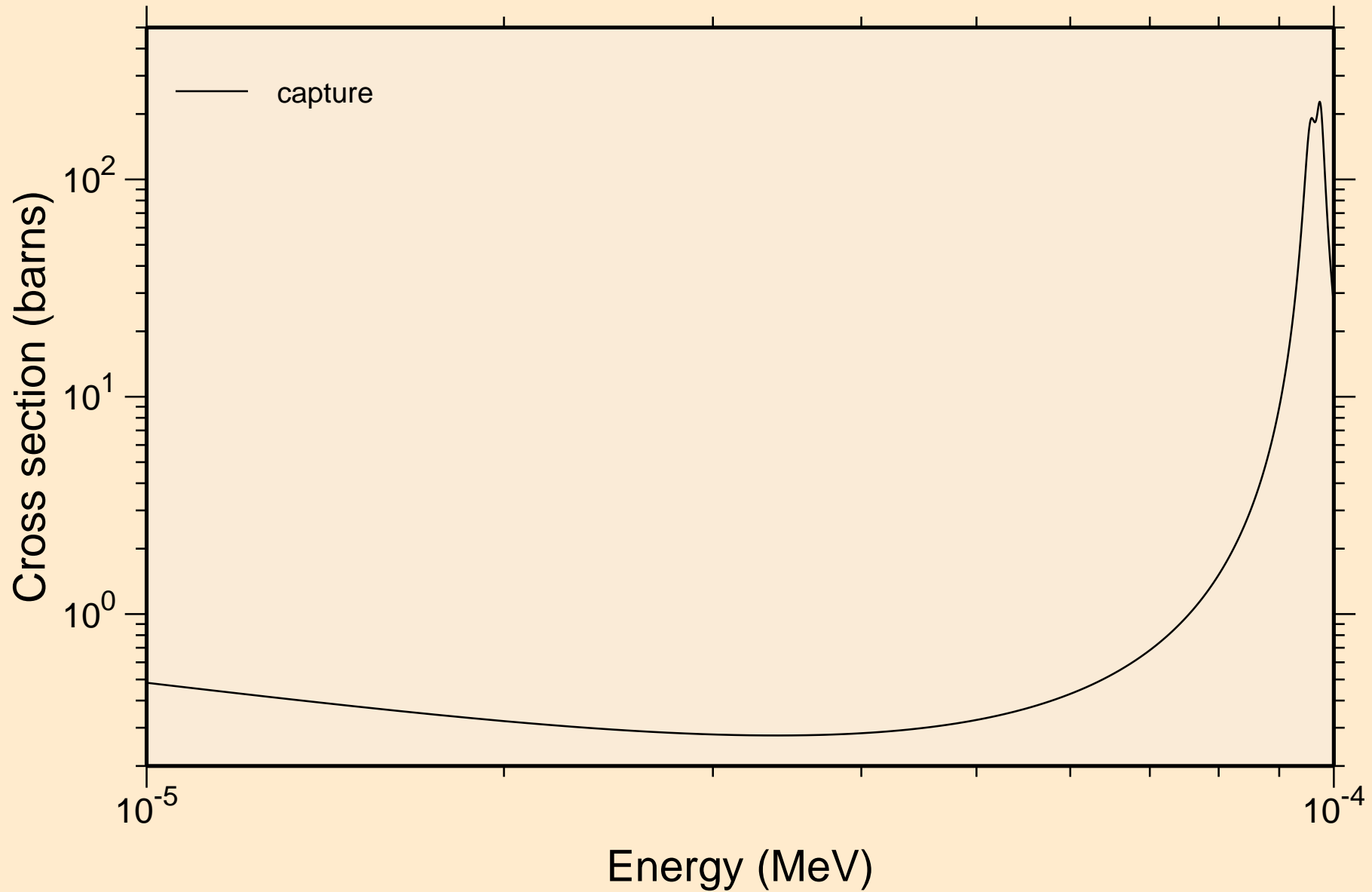
GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

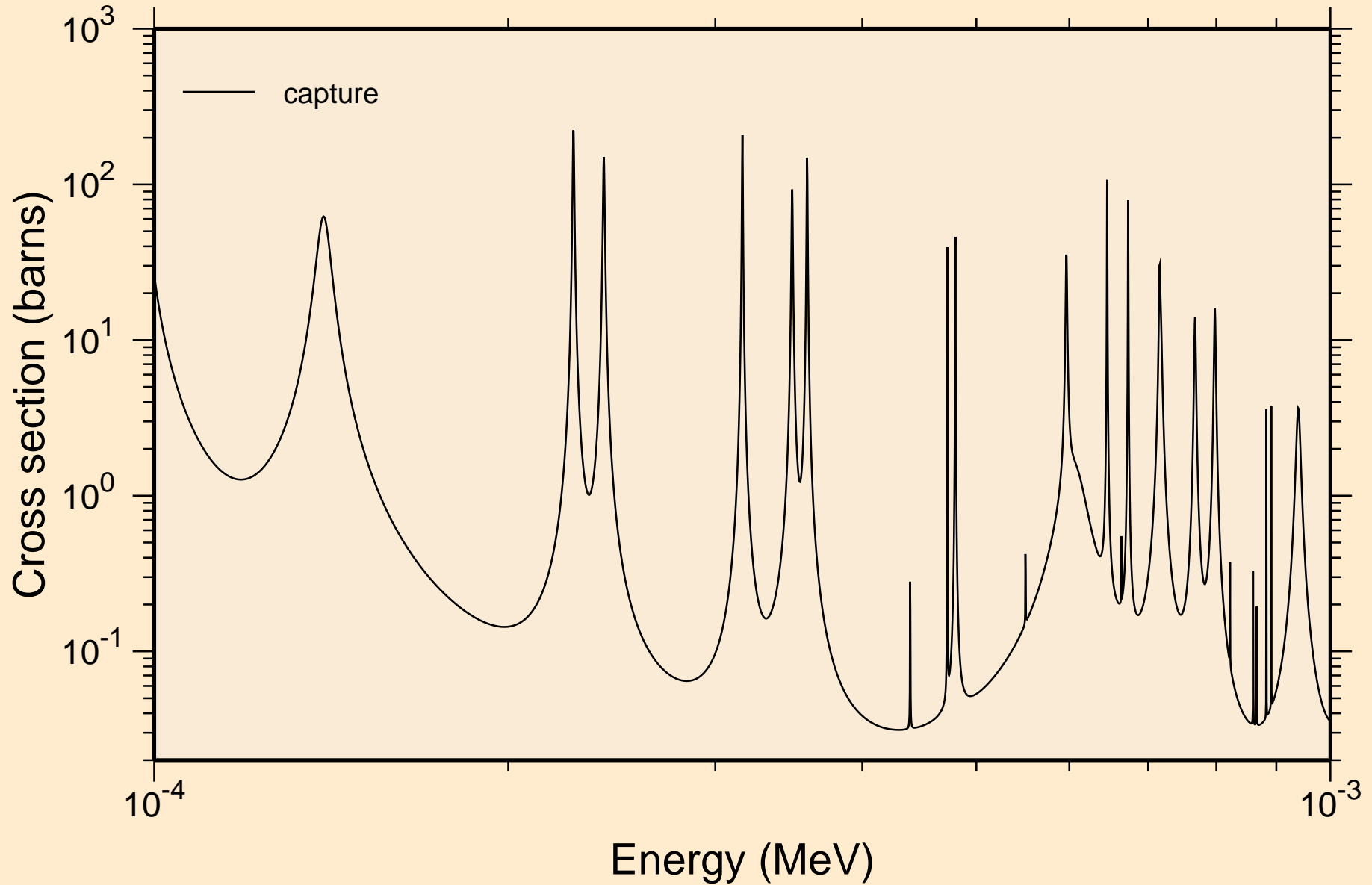


GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

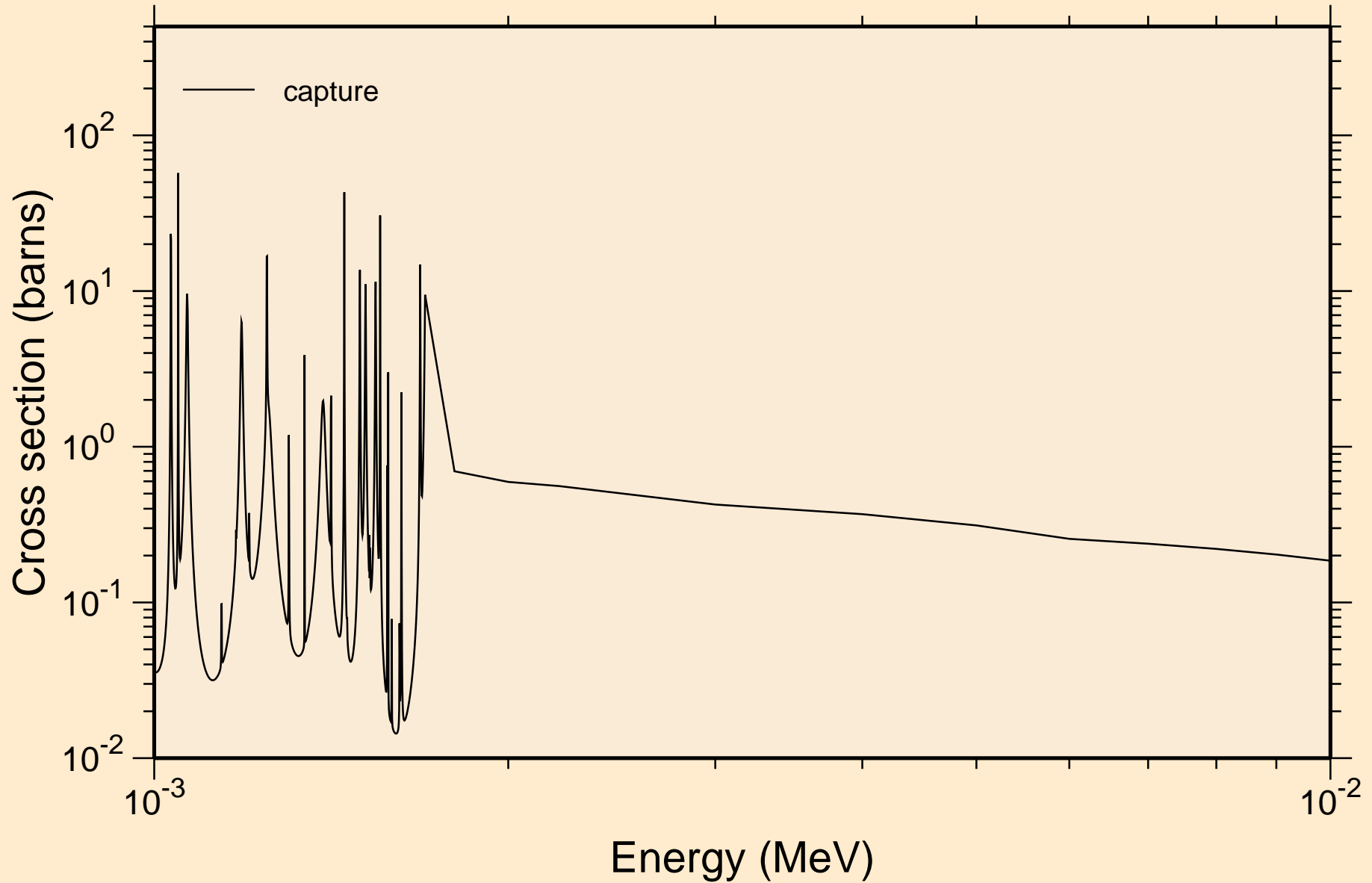




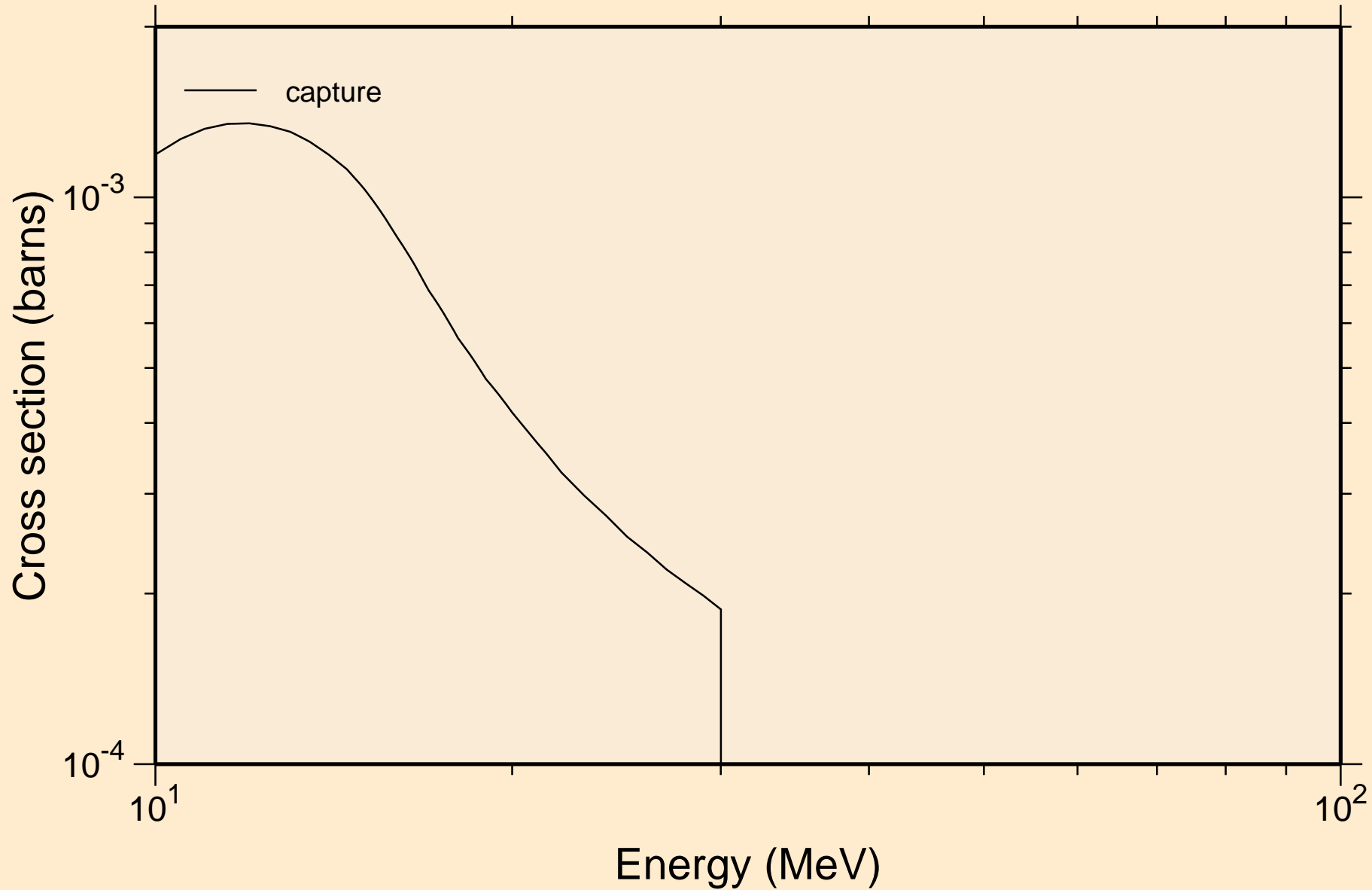
GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

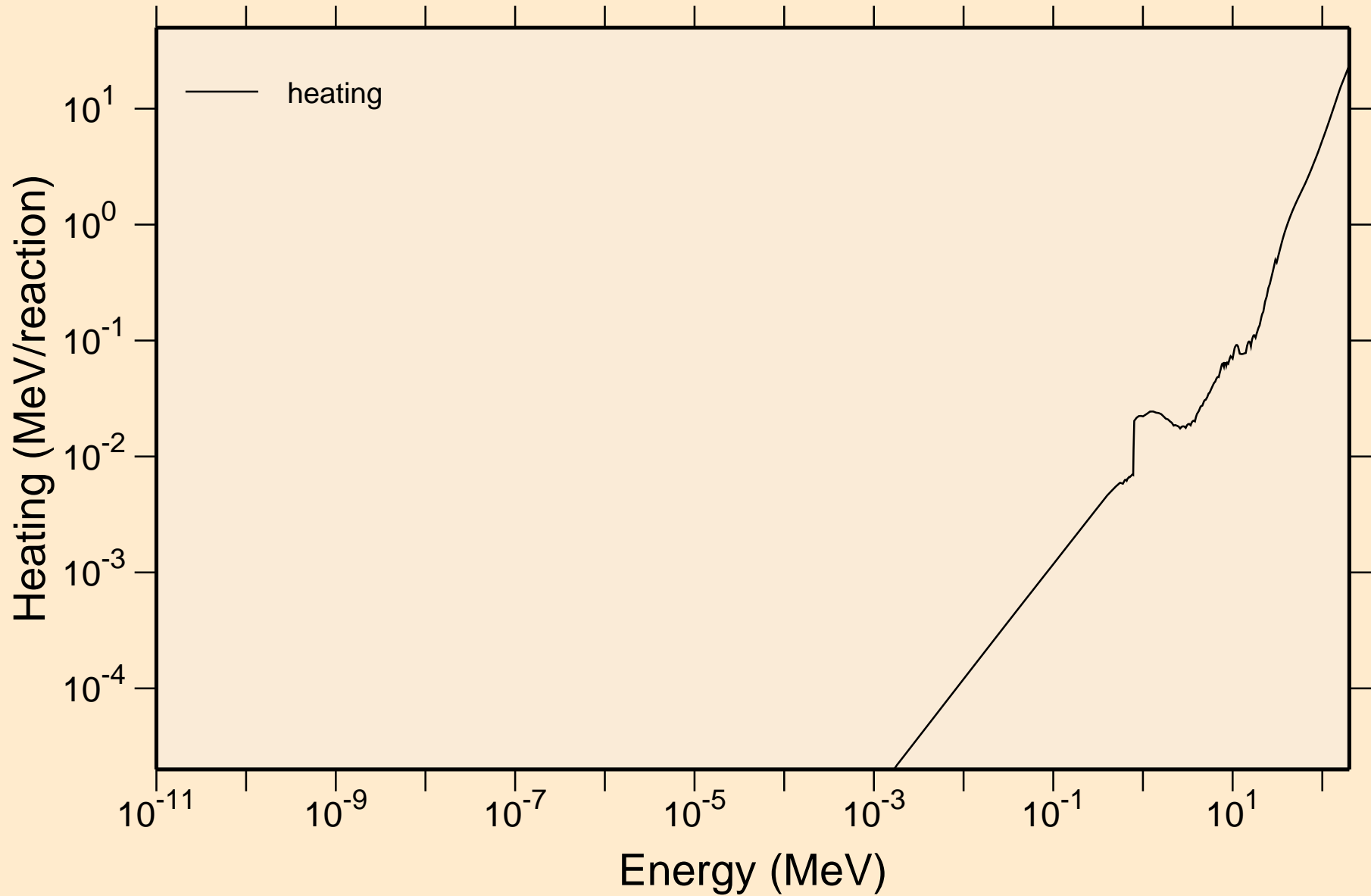


GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



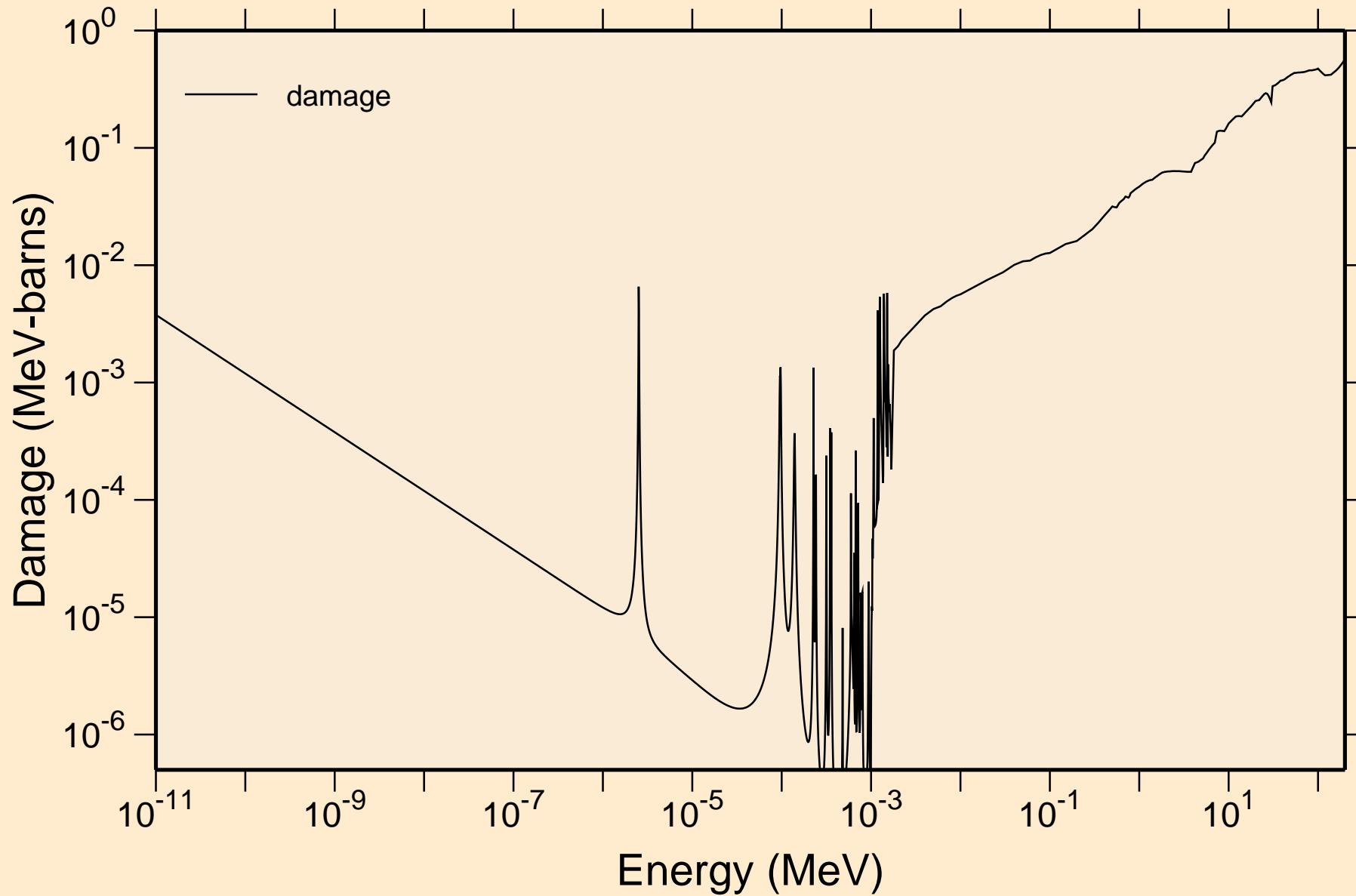
# GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



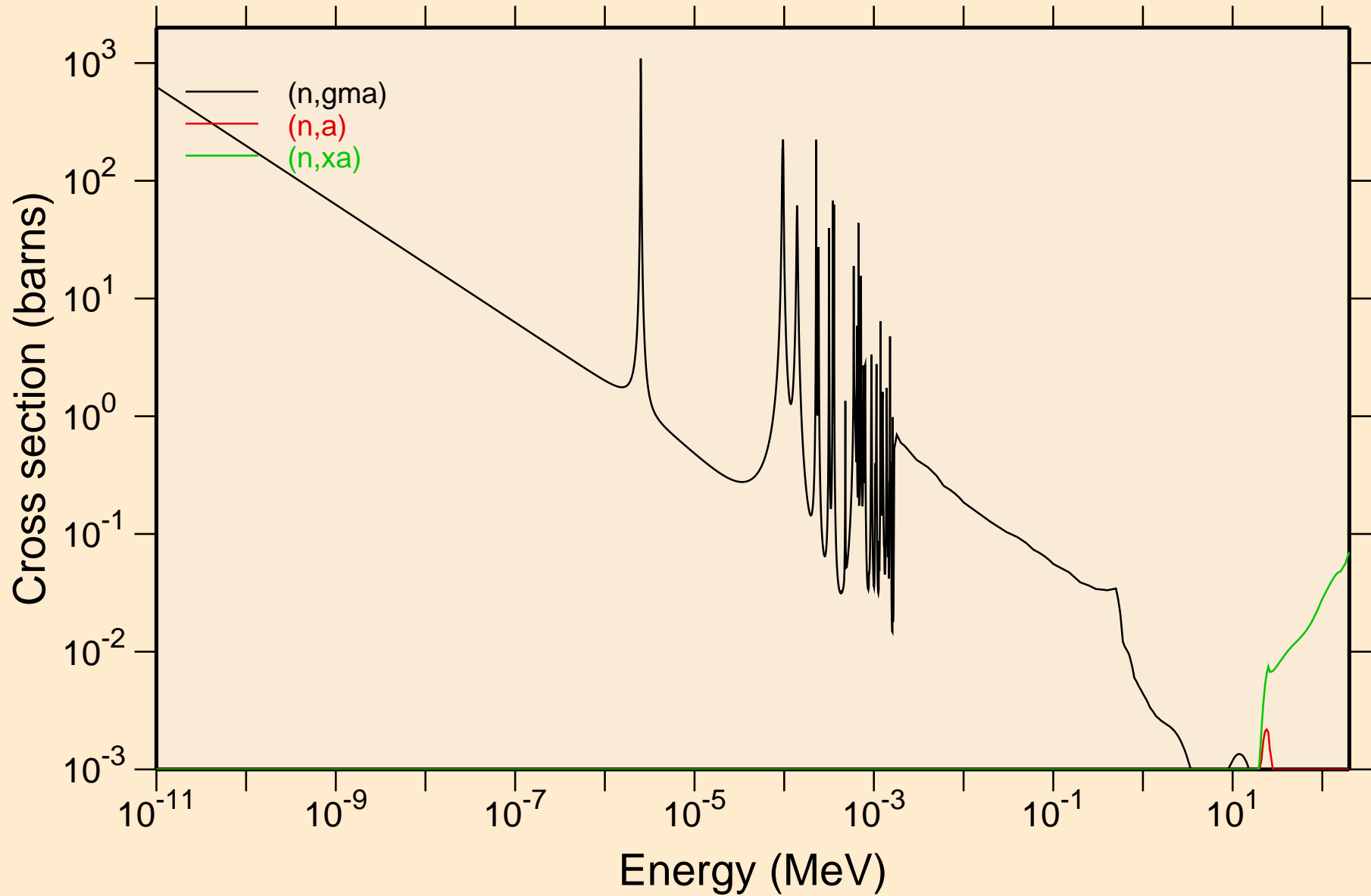
# GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Damage



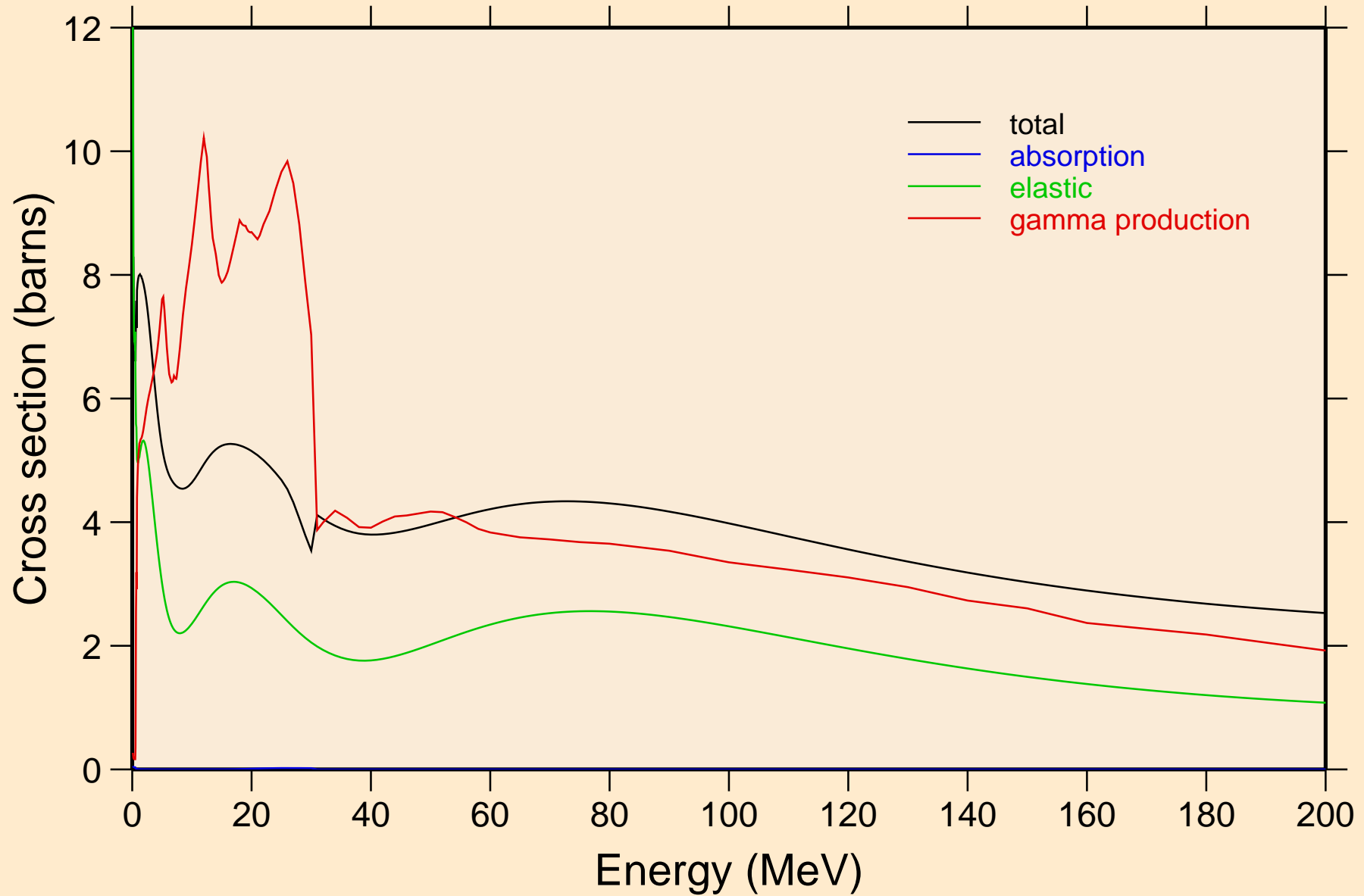
# GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Non-threshold reactions



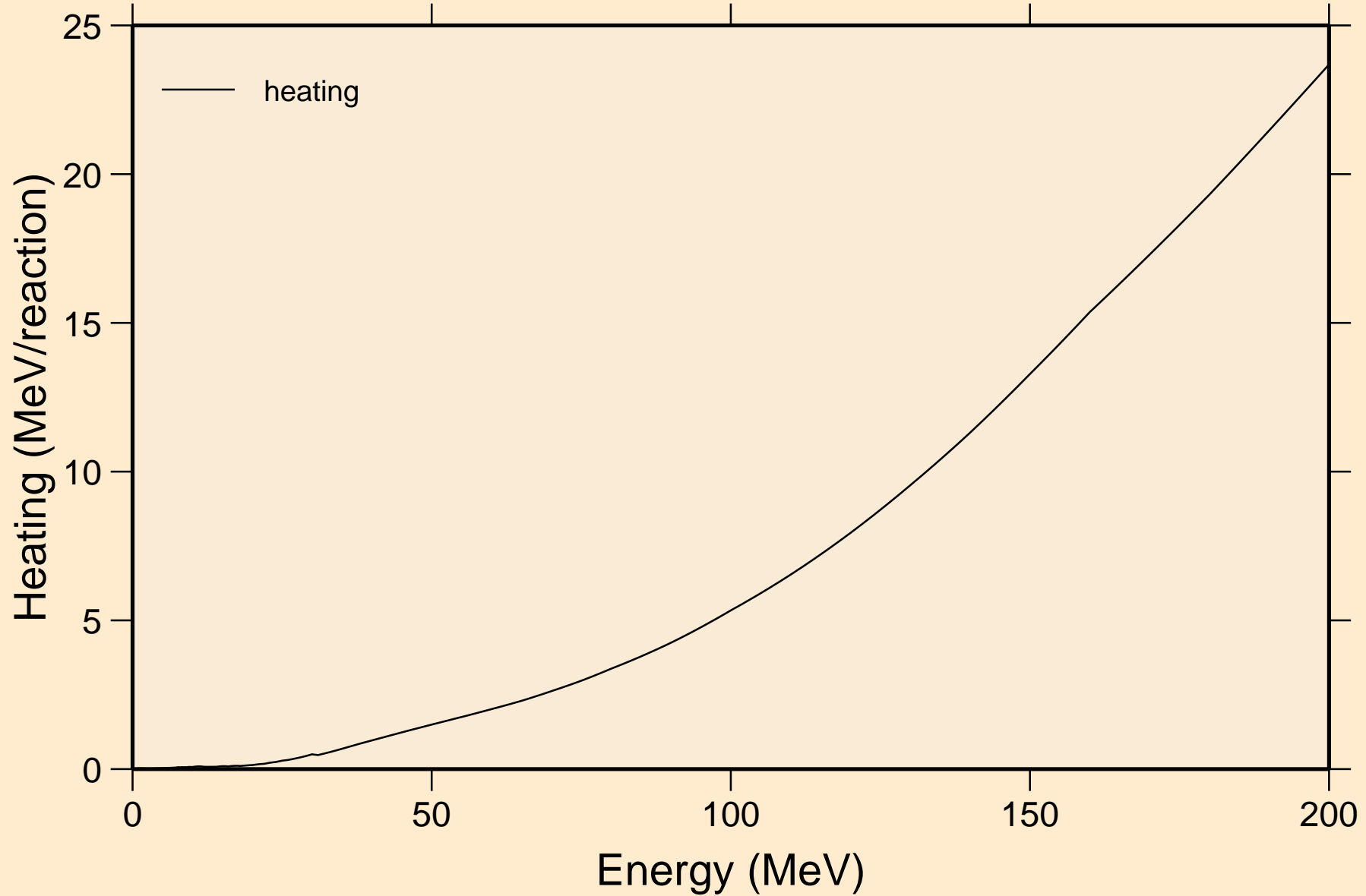
# GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



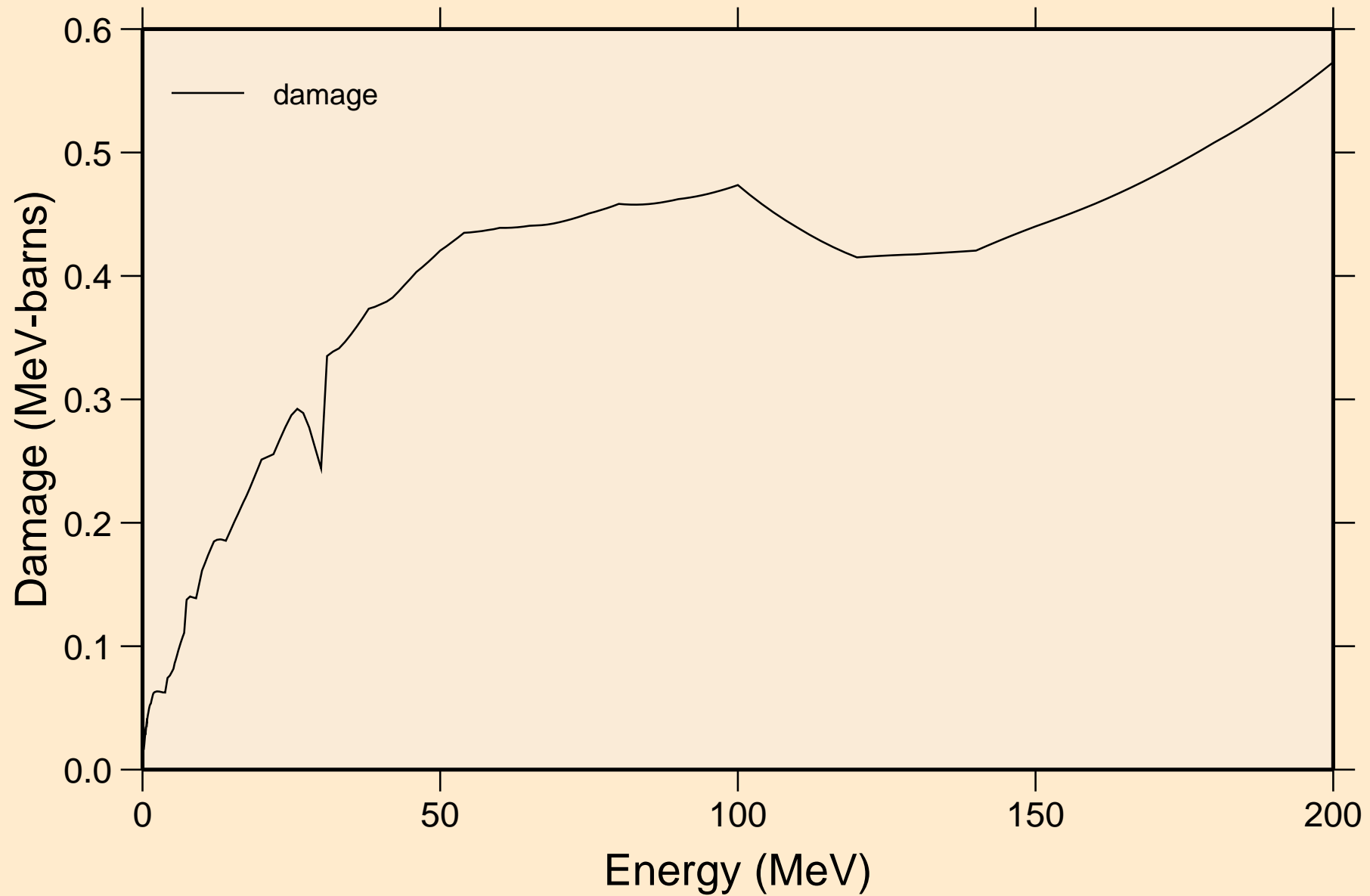
# GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



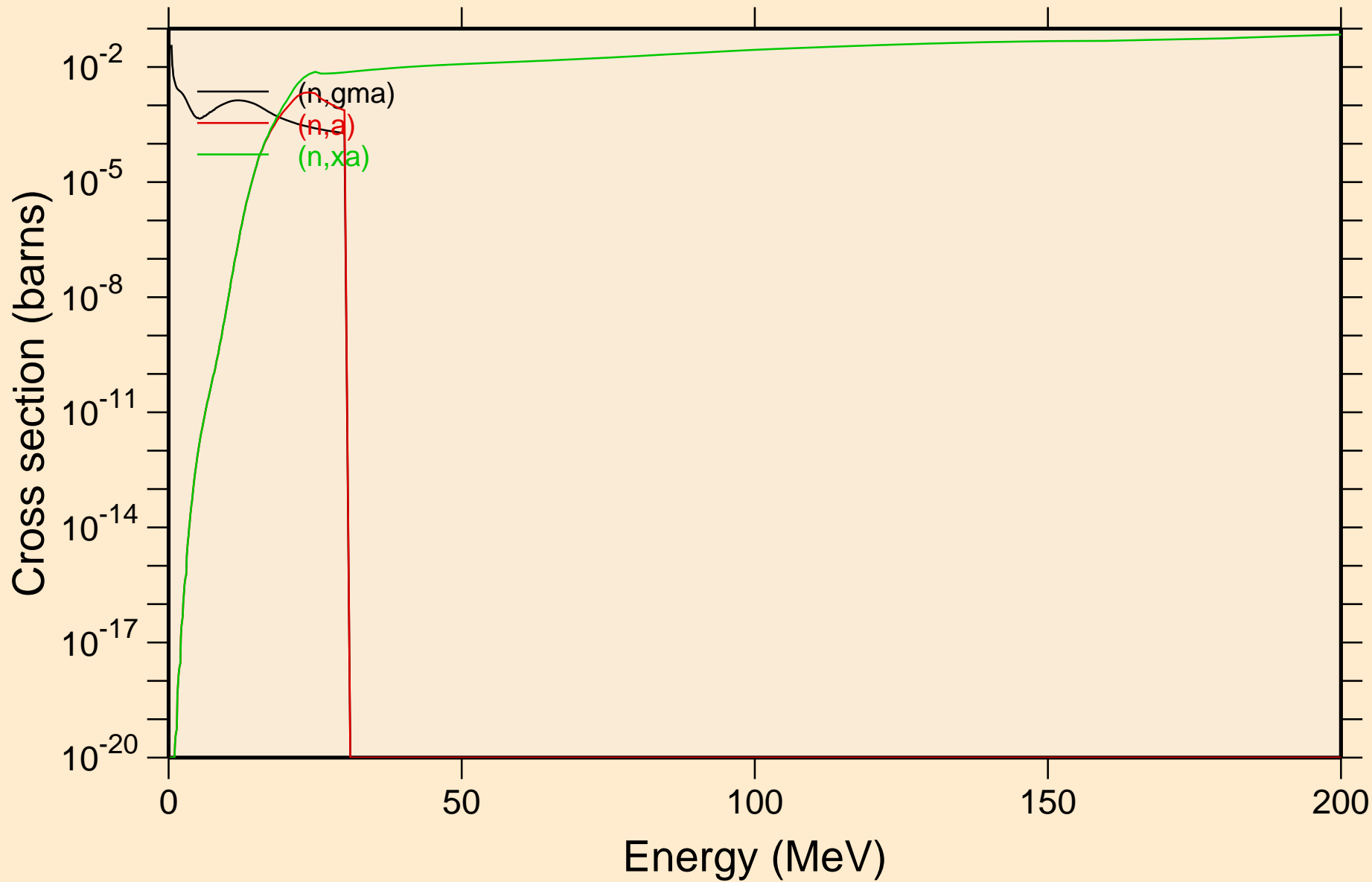


GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage

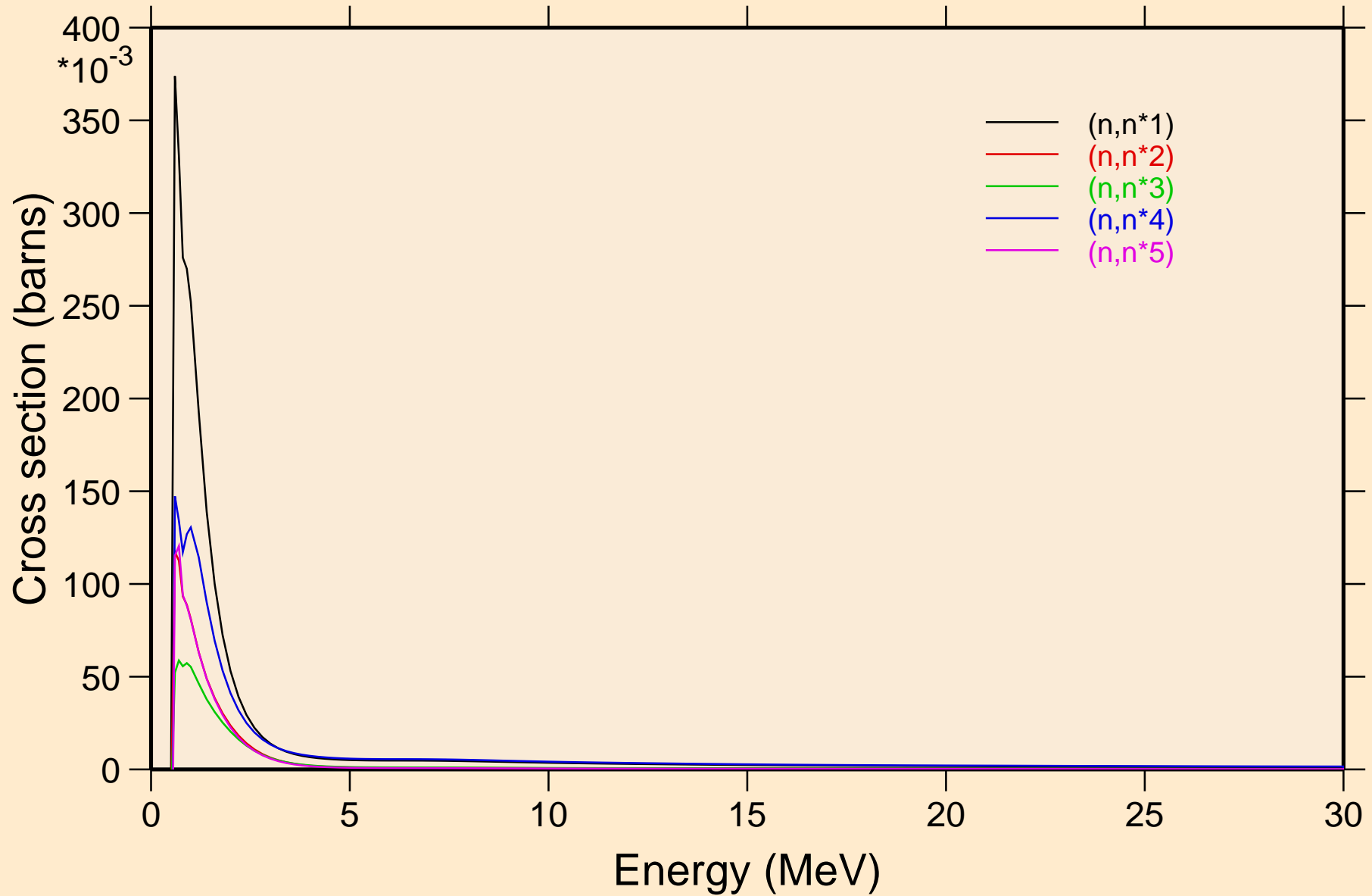


# GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

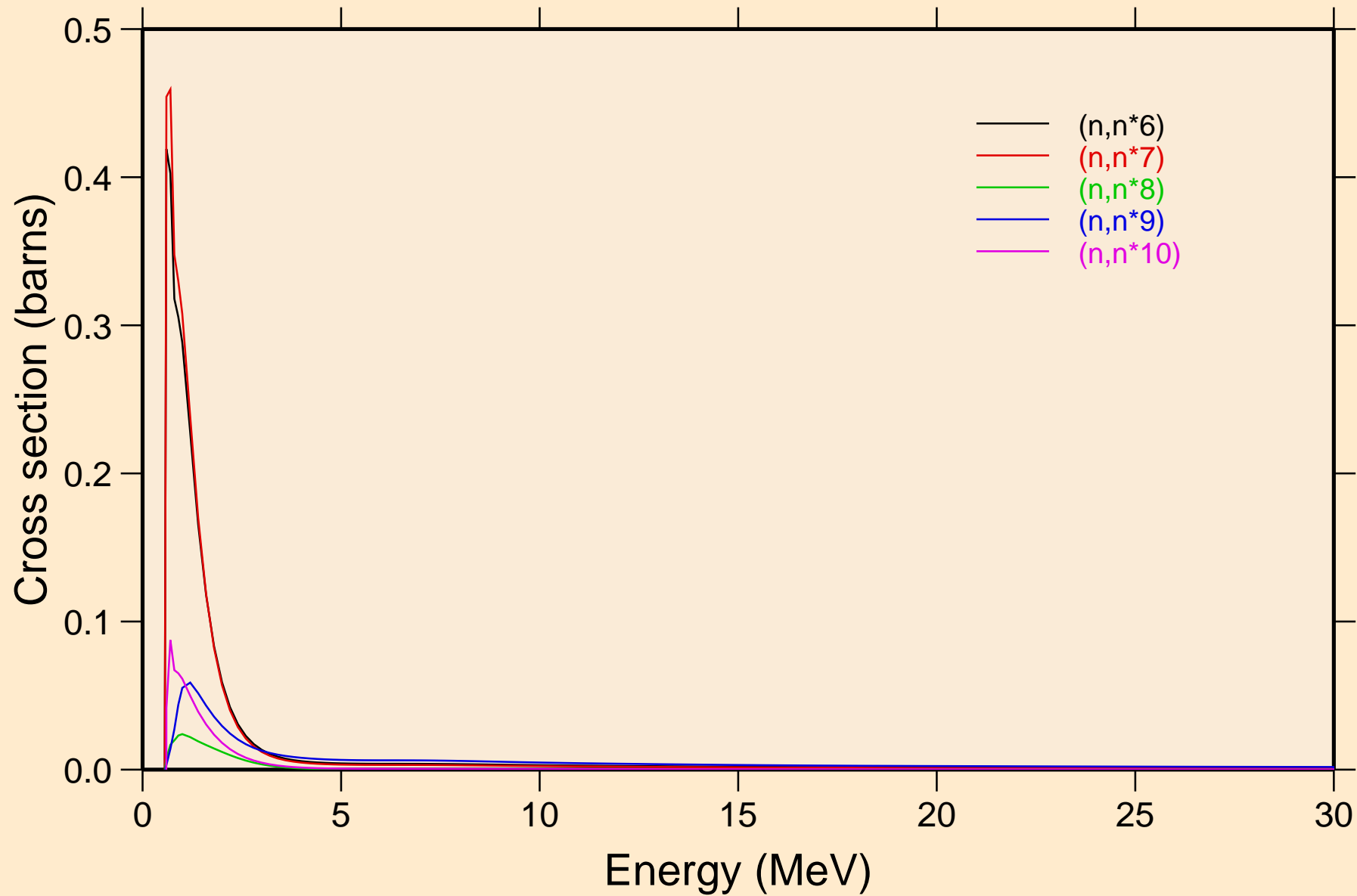
## Non-threshold reactions



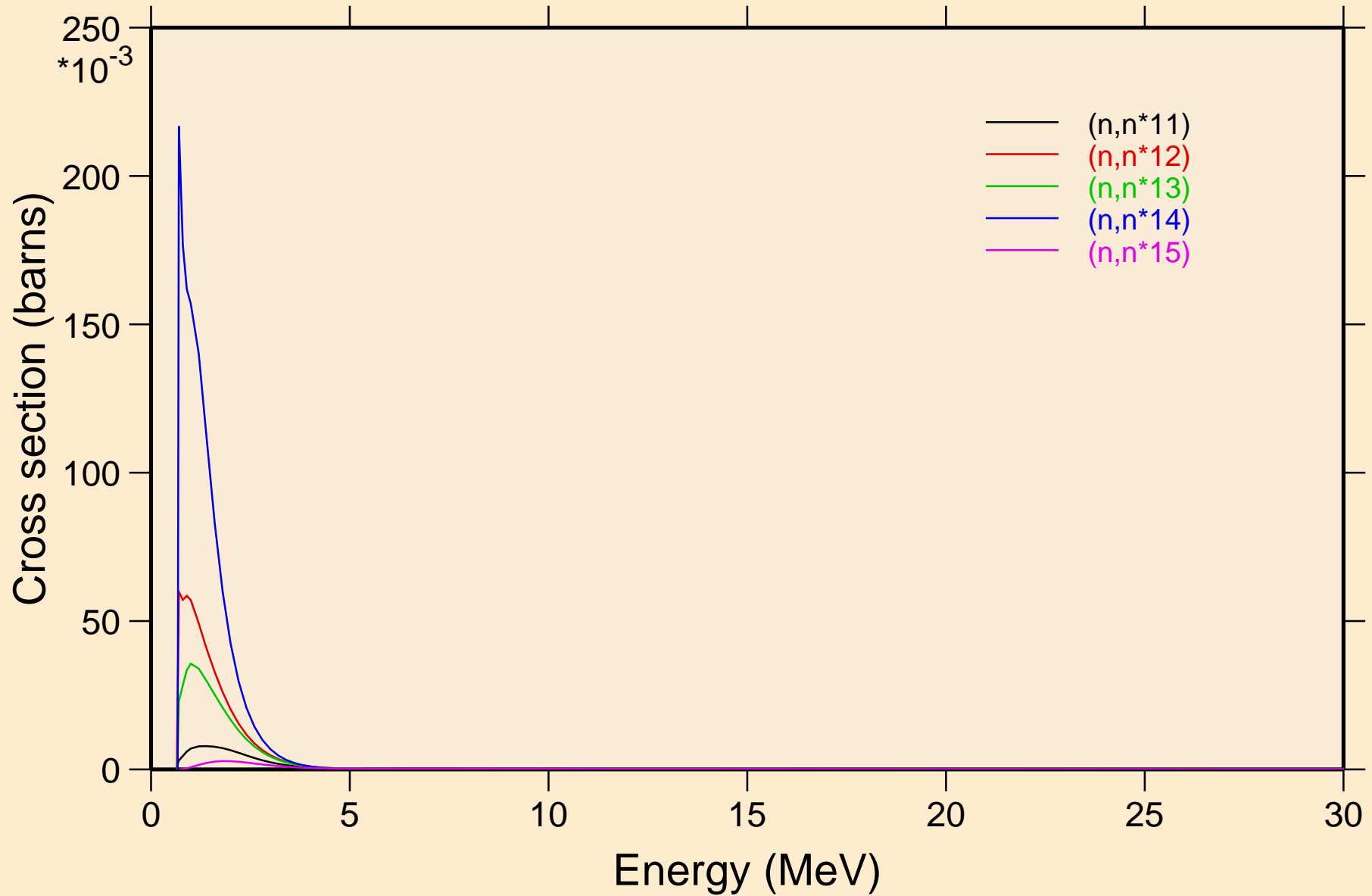
GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

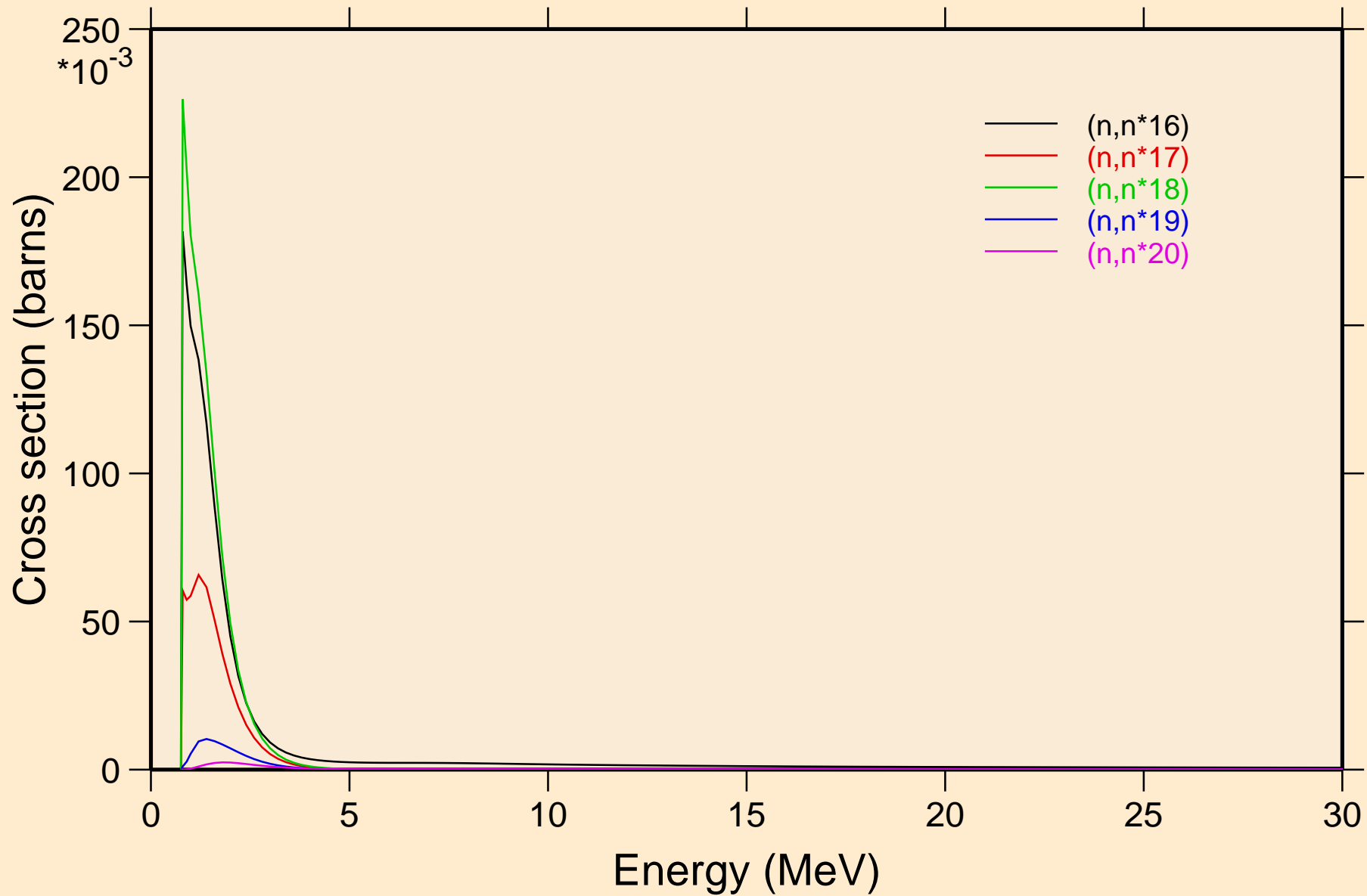


GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



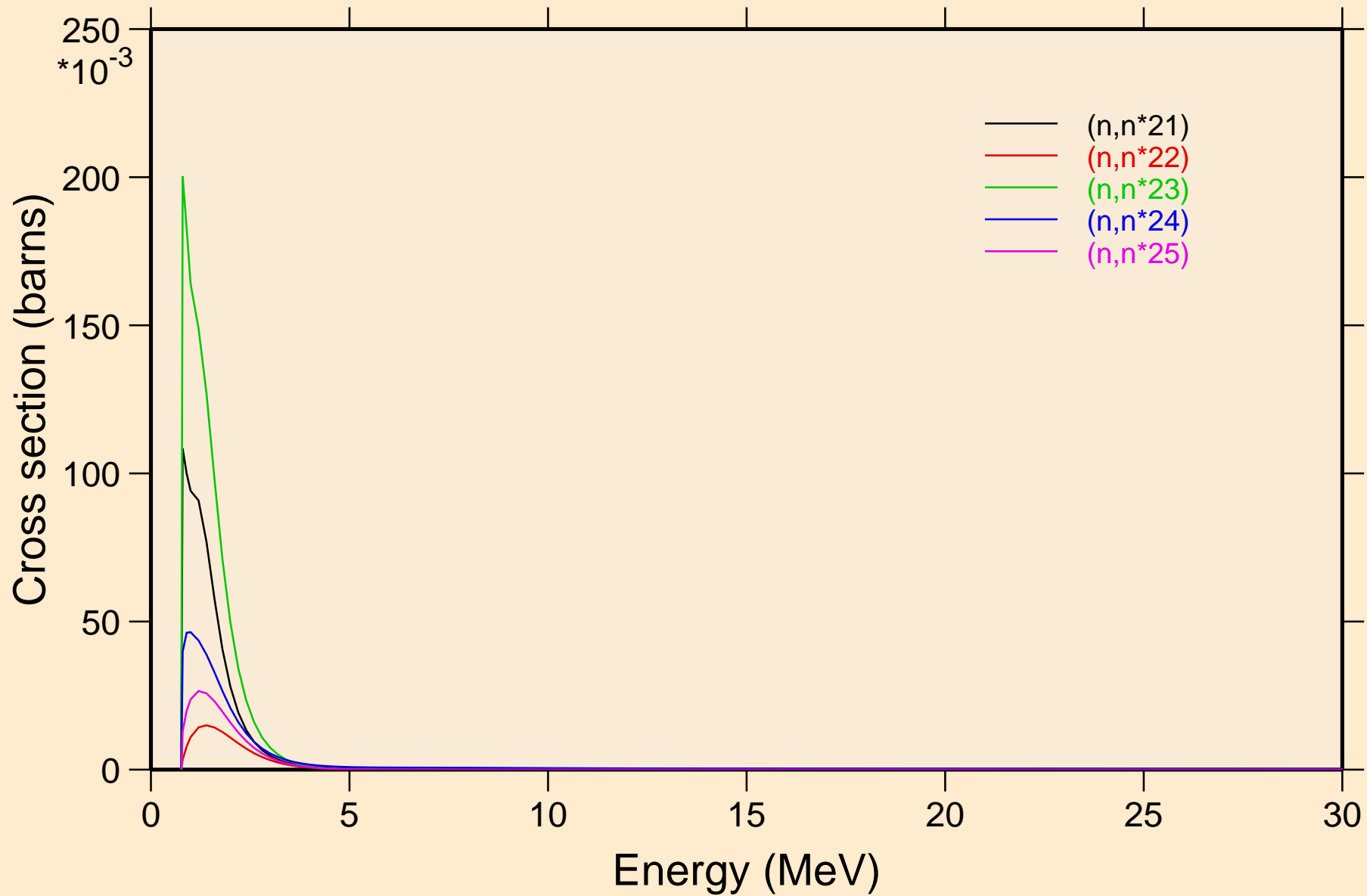
# GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Inelastic levels

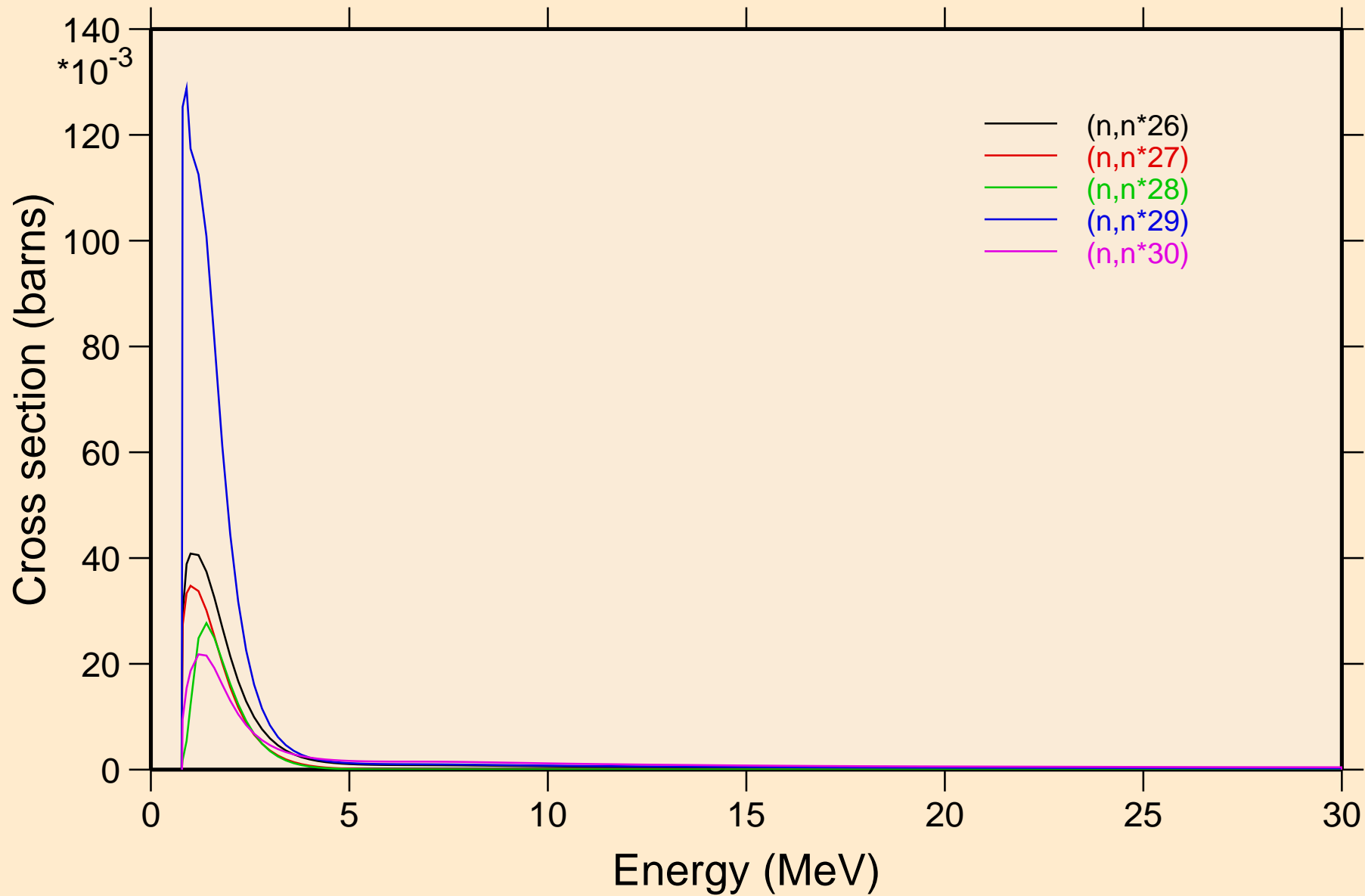


# GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Inelastic levels



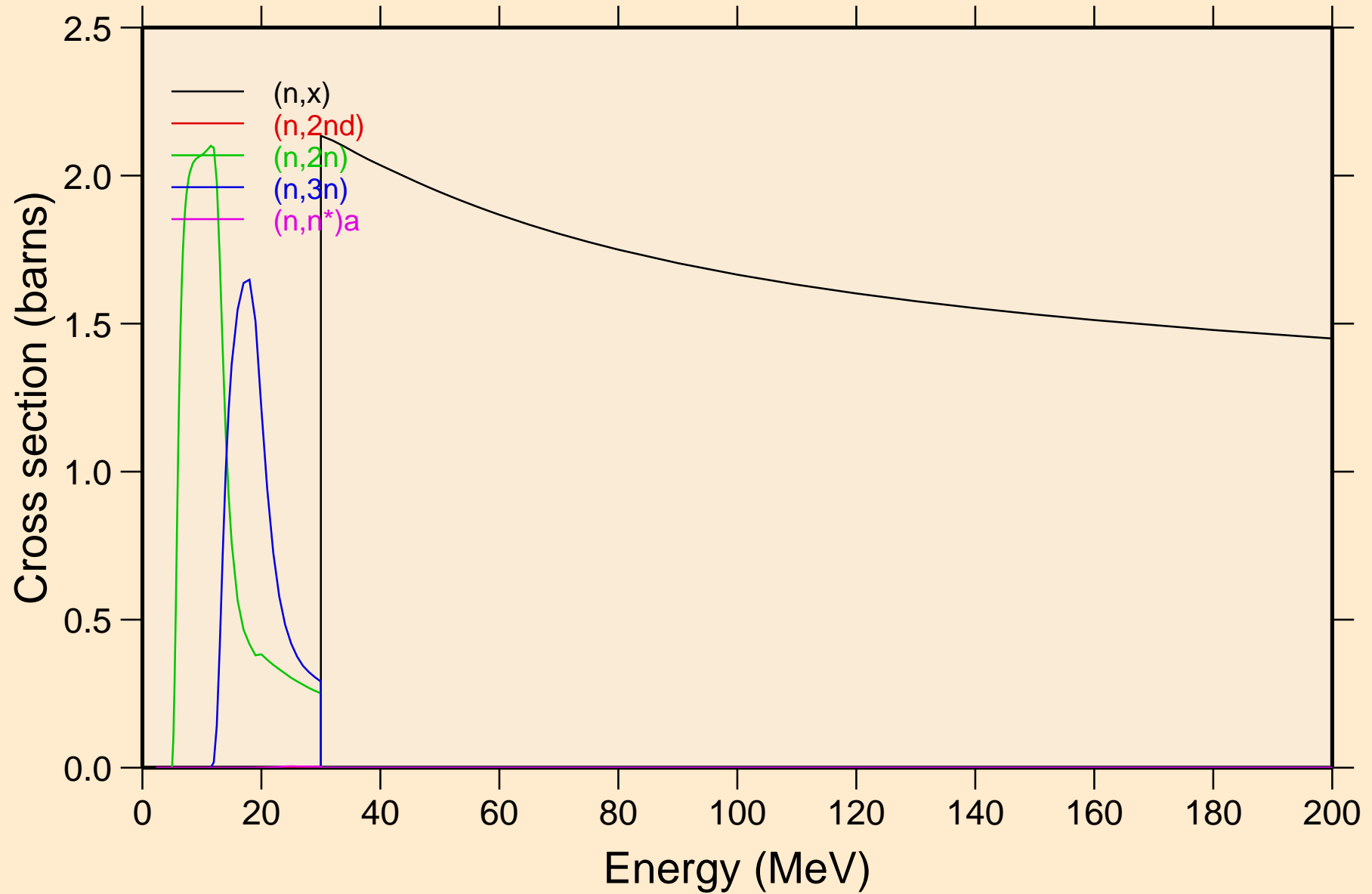
GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels





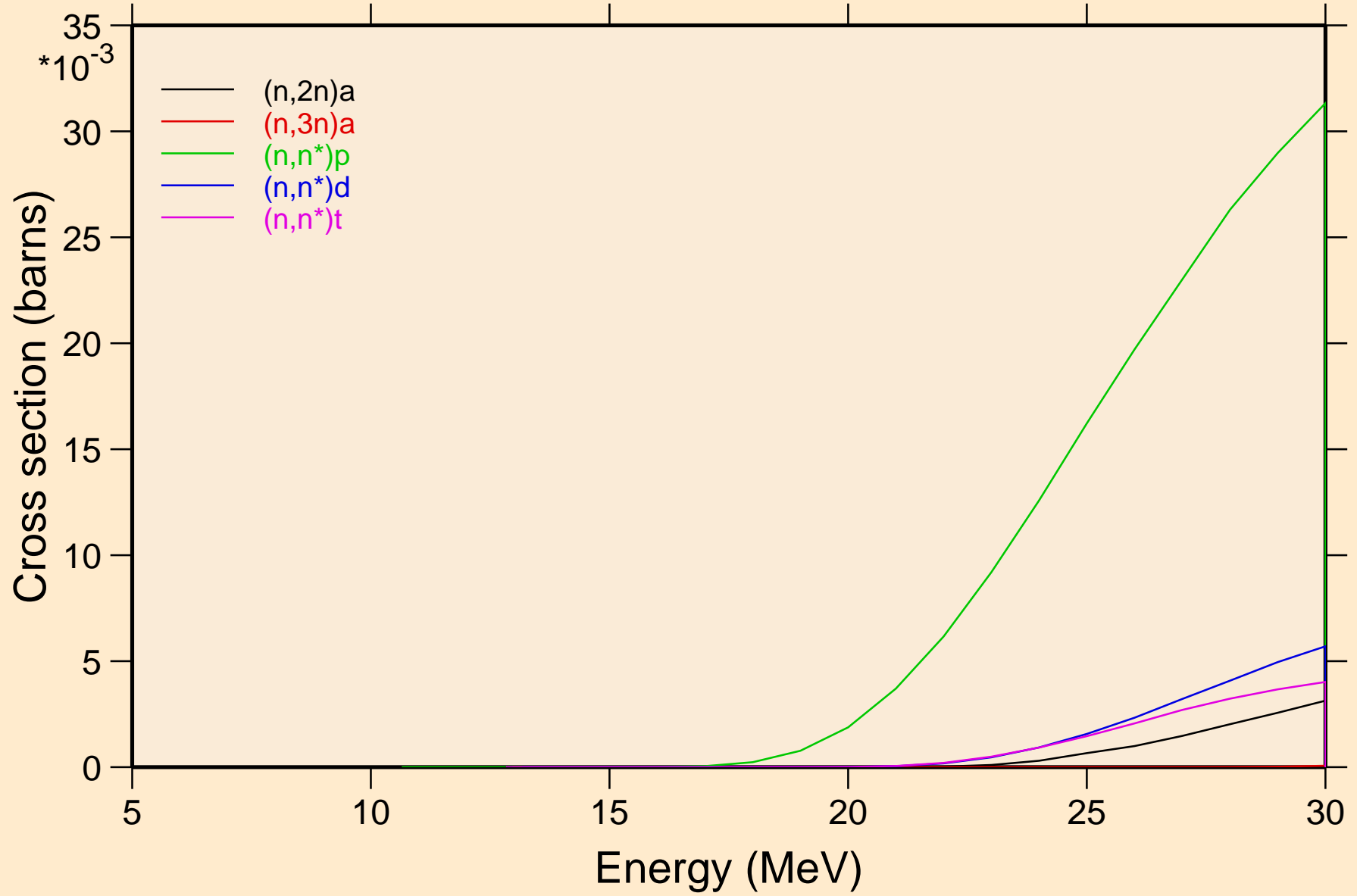
# GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

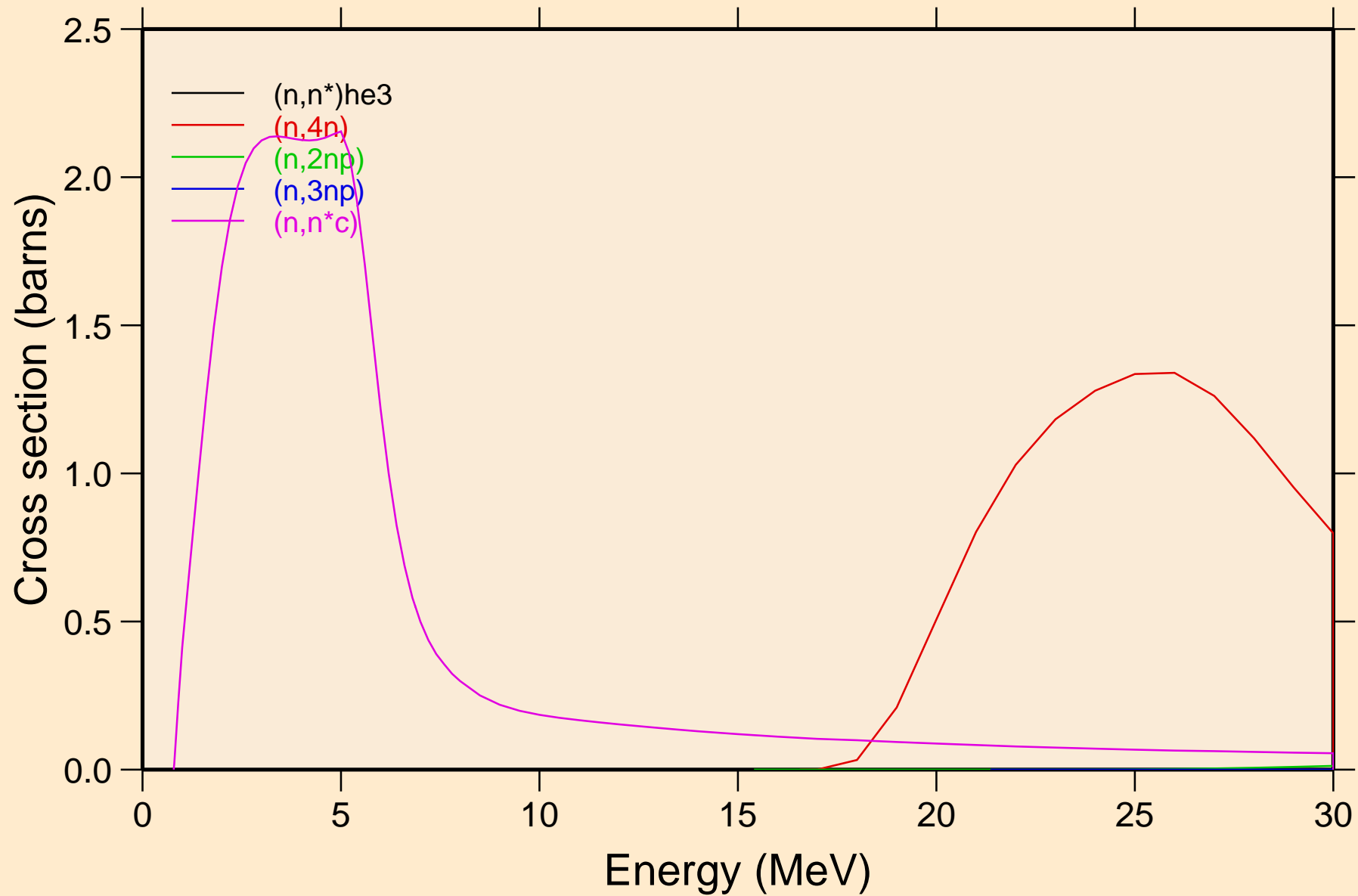


# GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

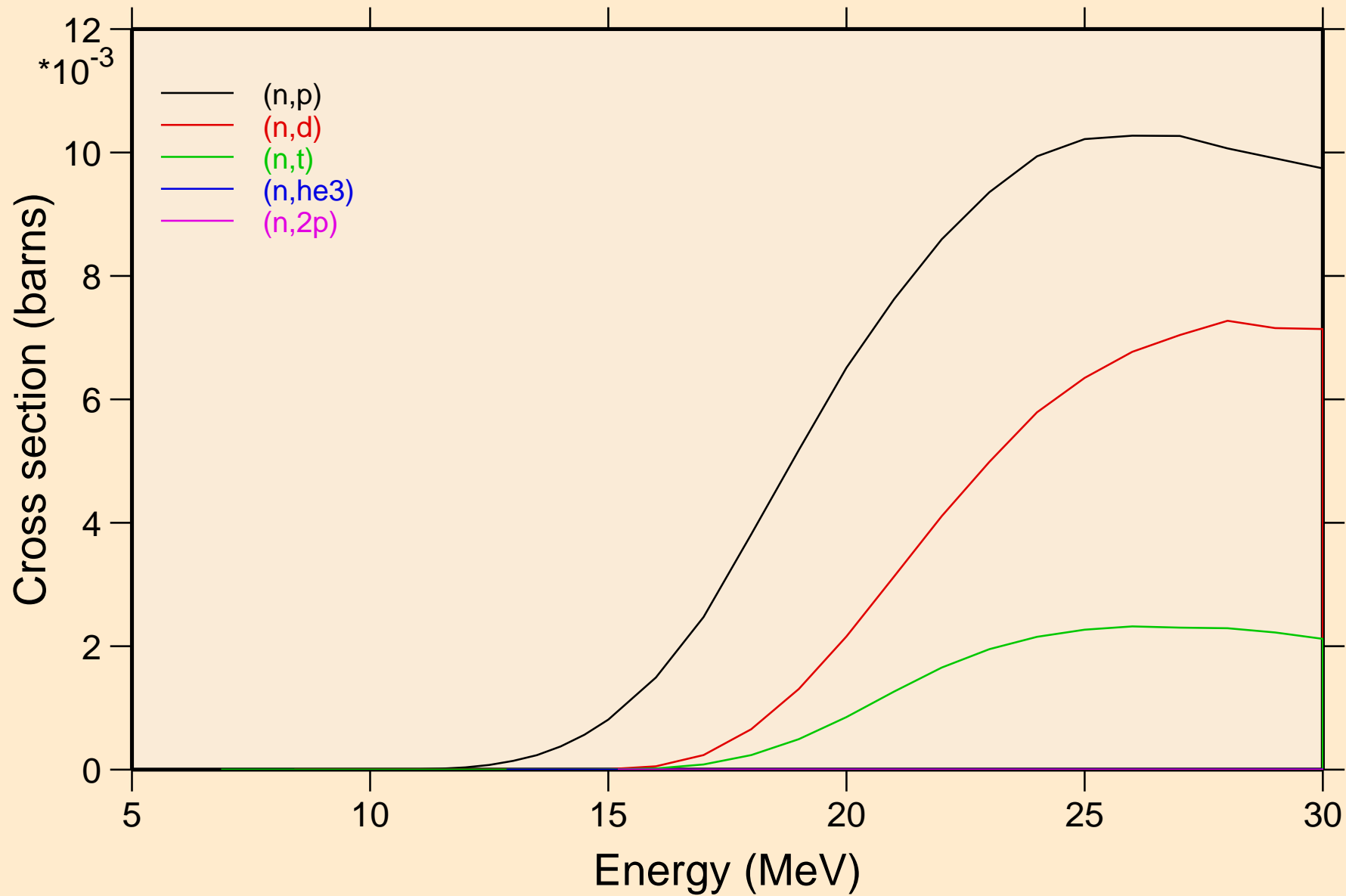


GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

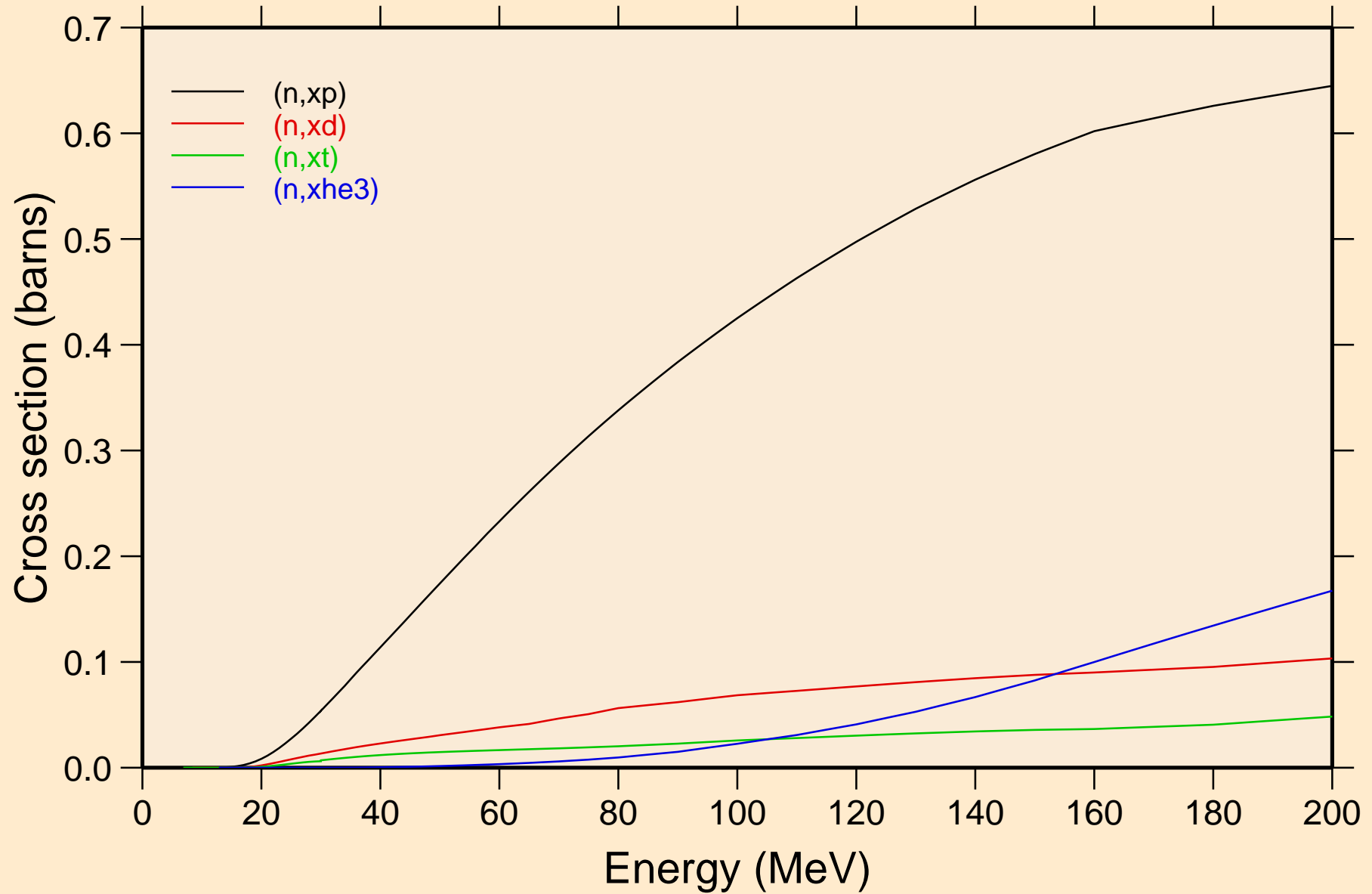


# GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

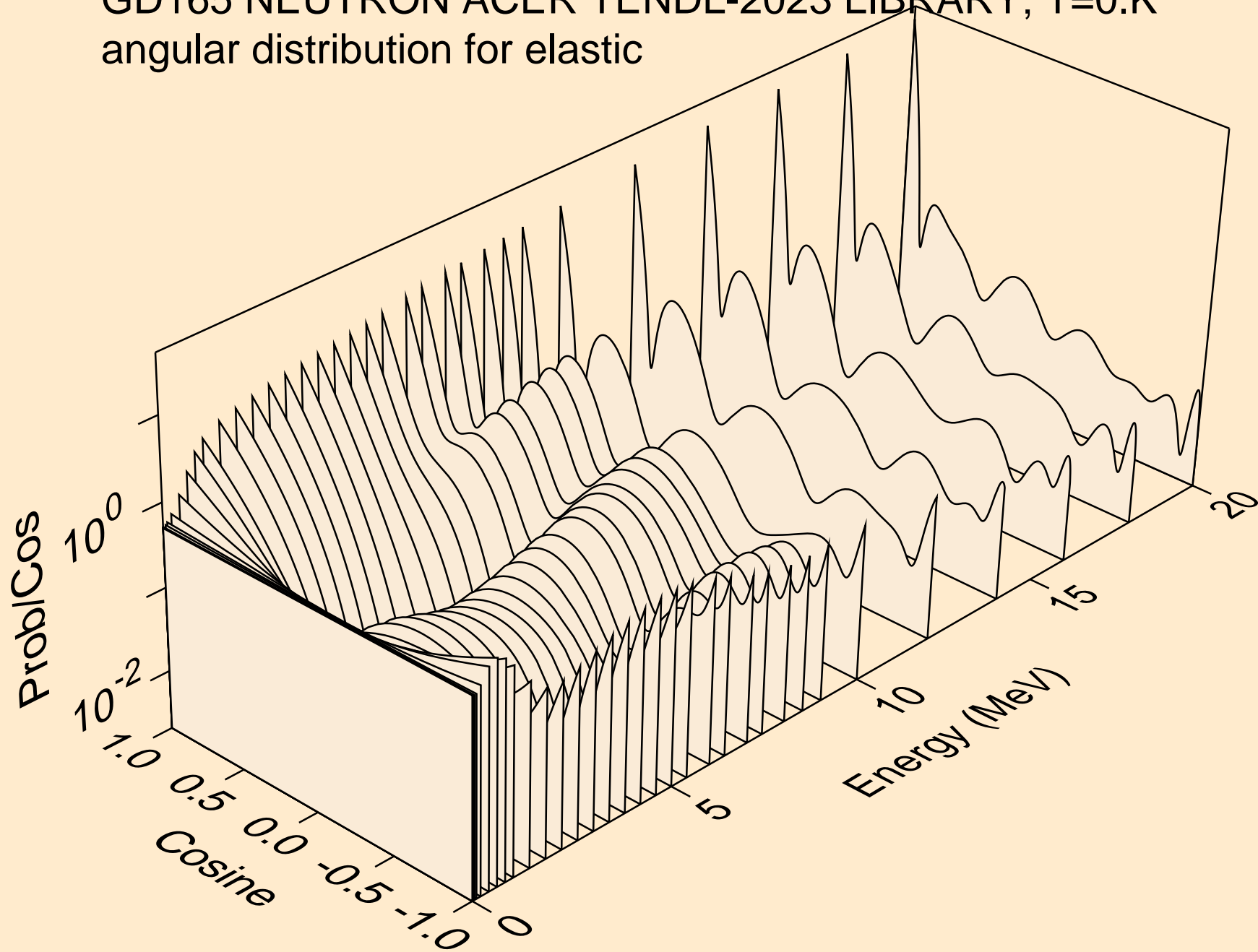
## Threshold reactions



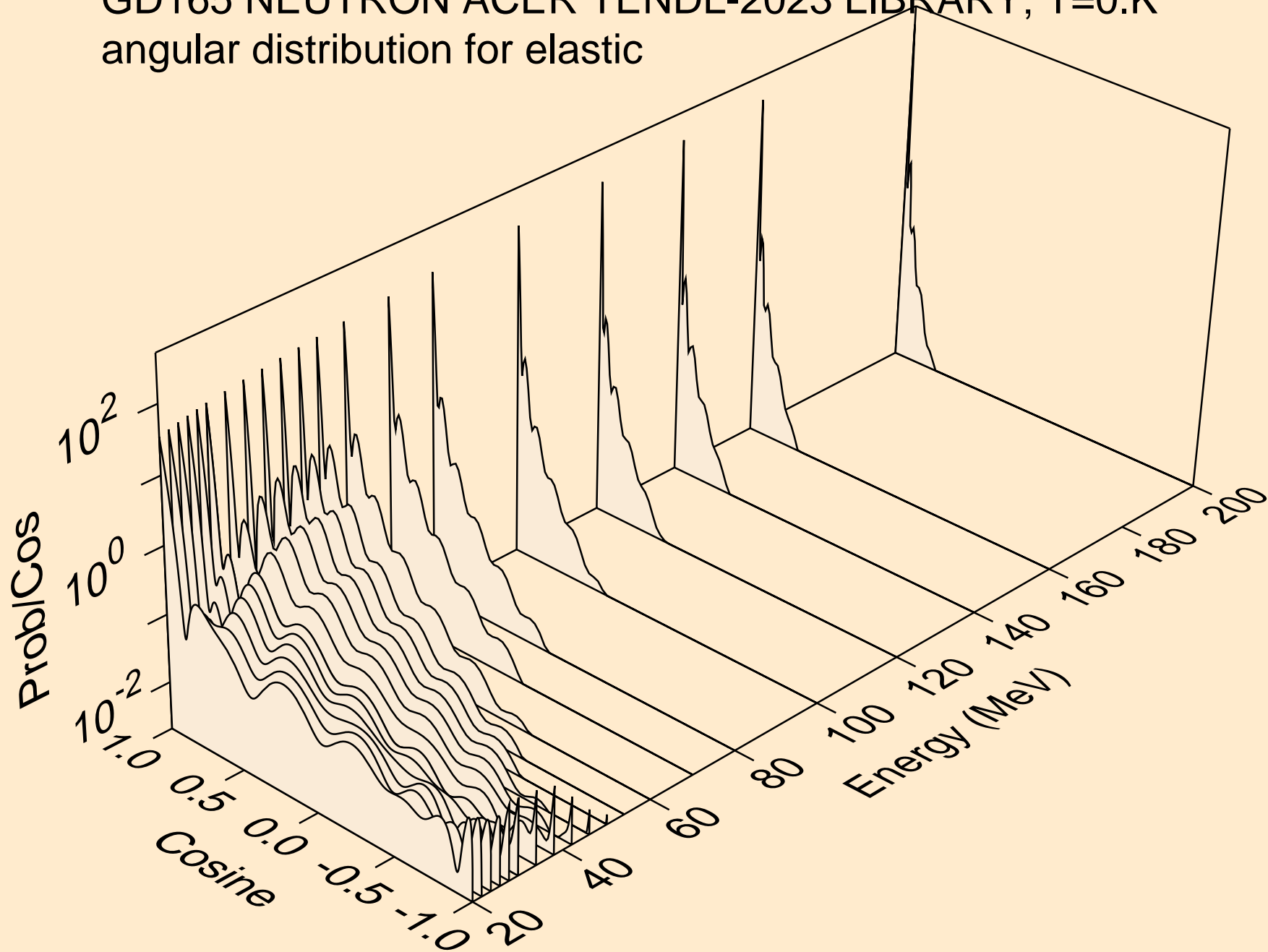
GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



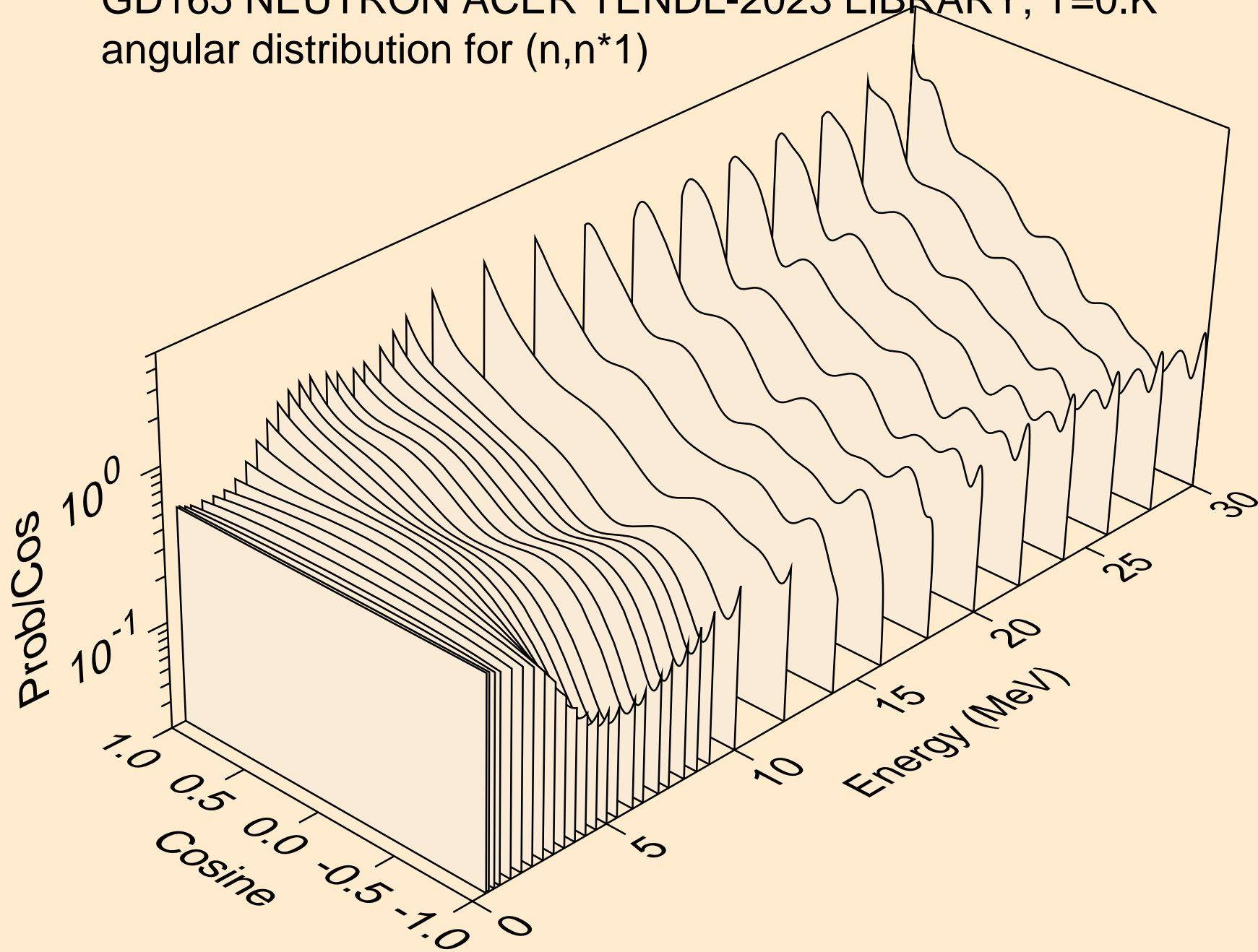
GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

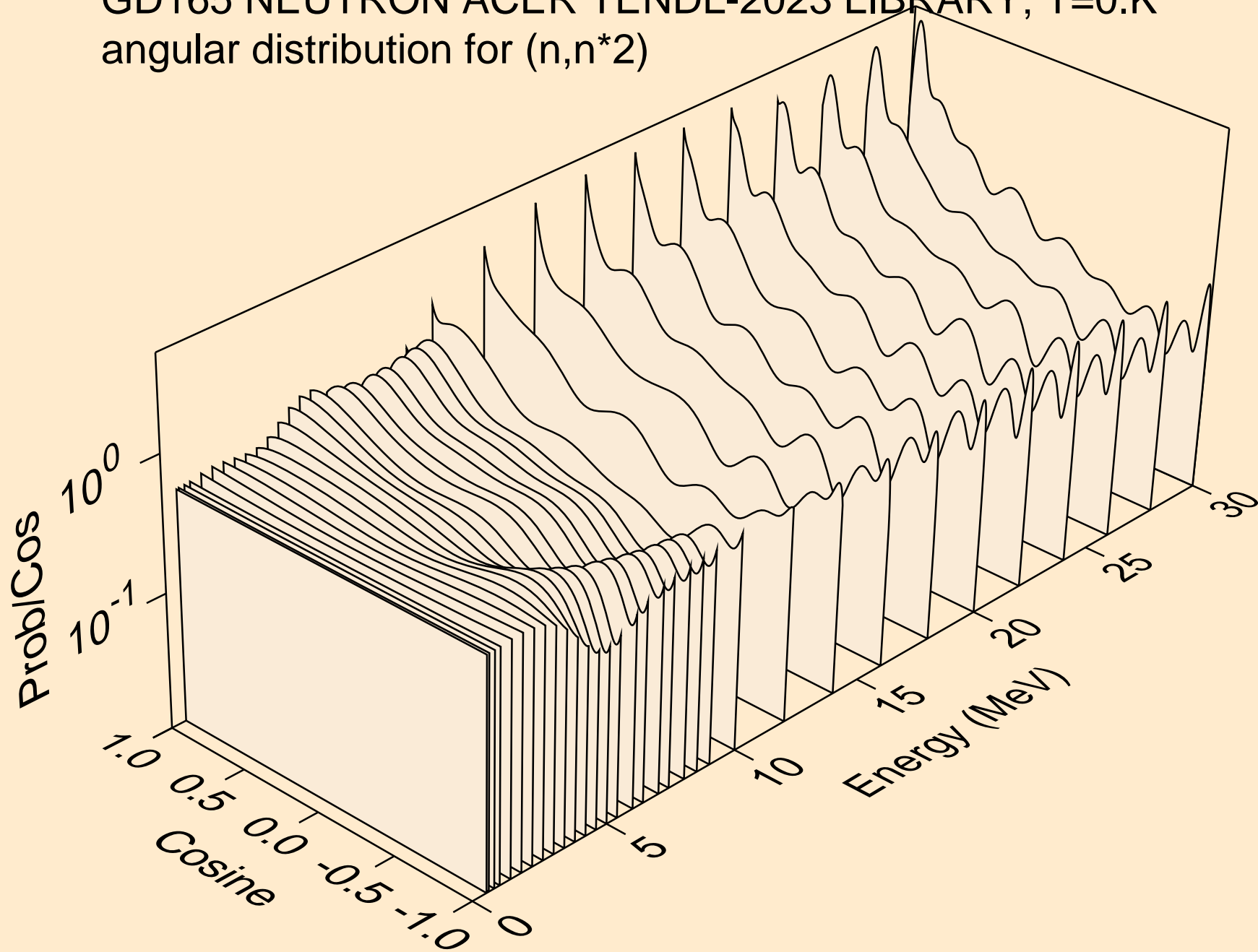


GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

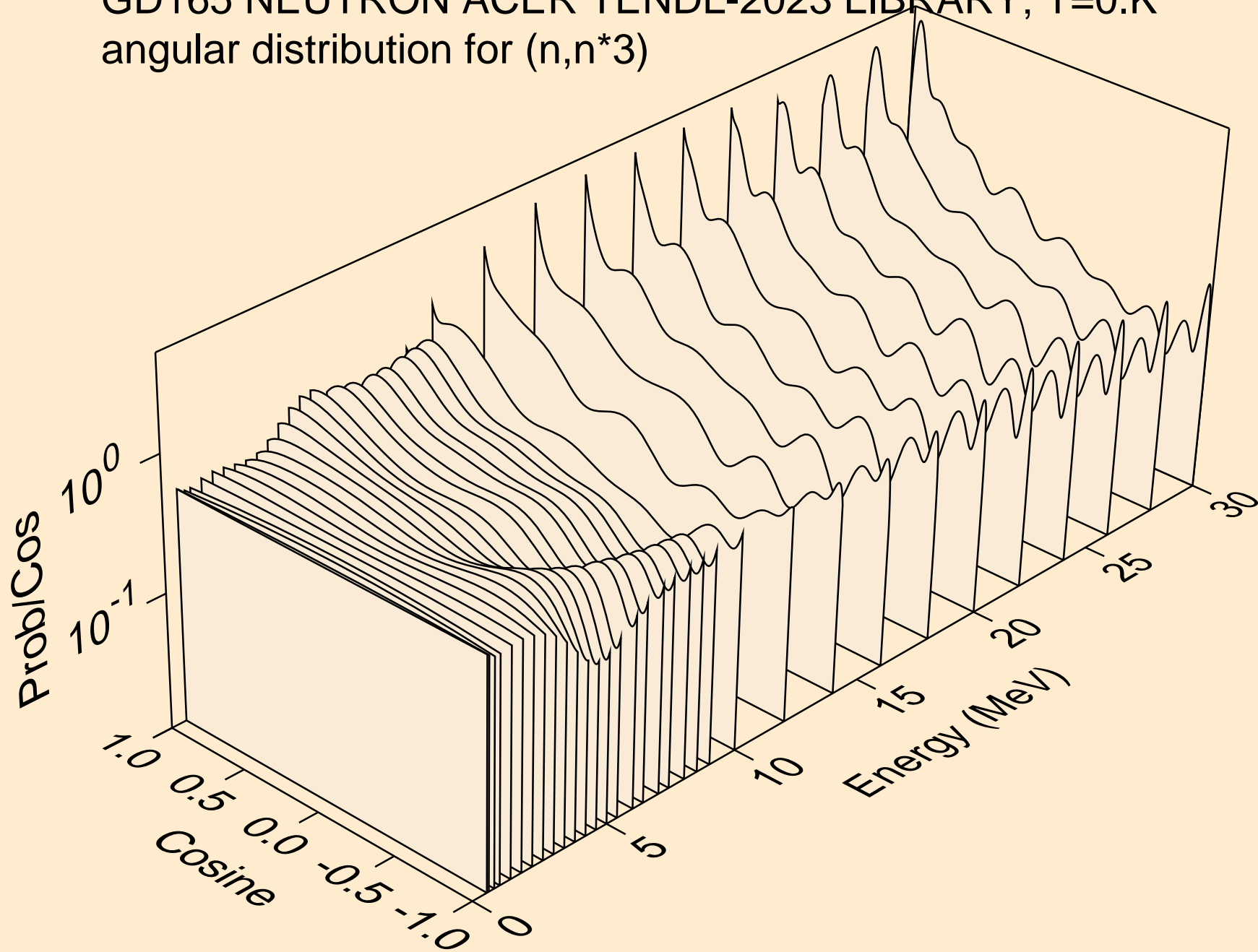




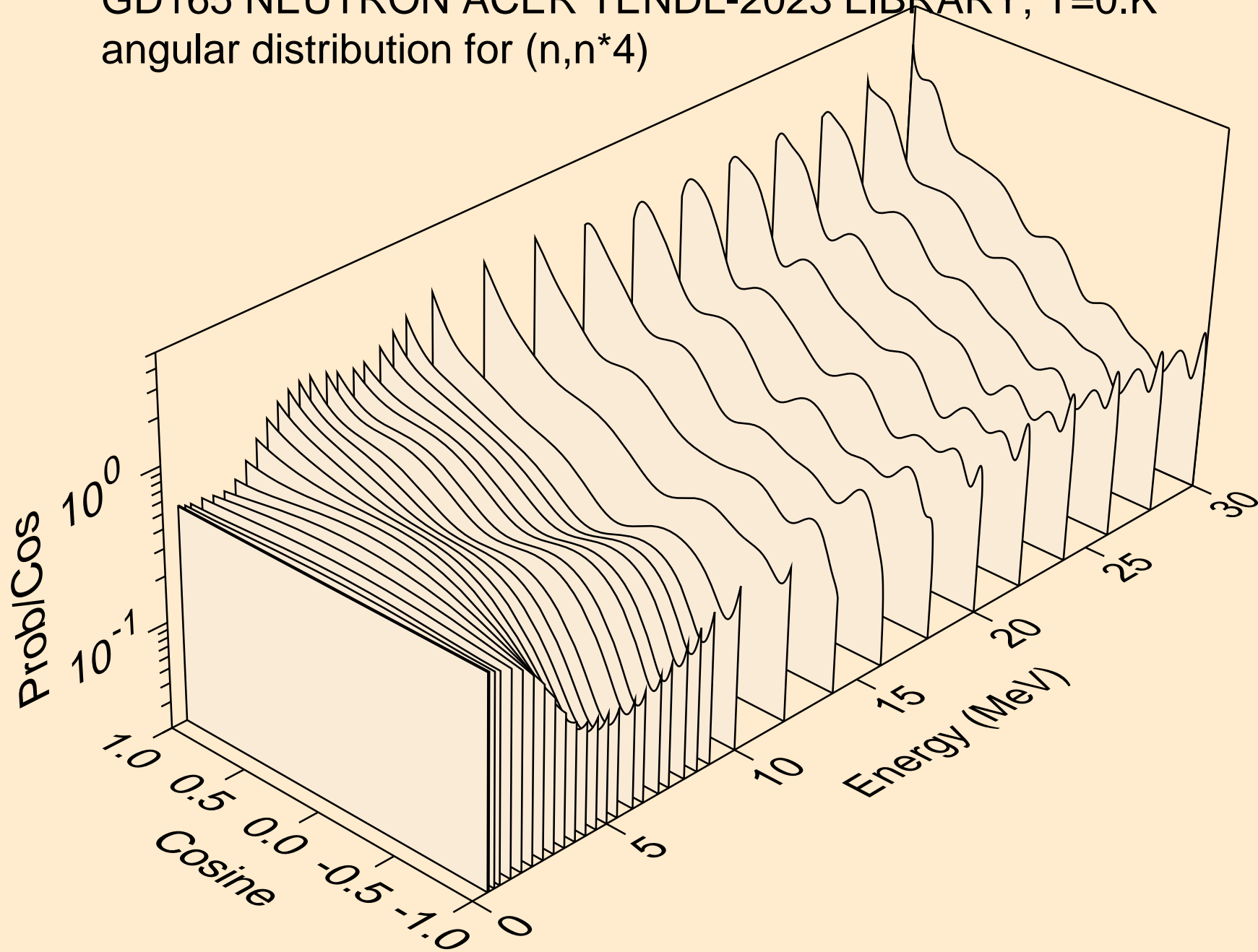
GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



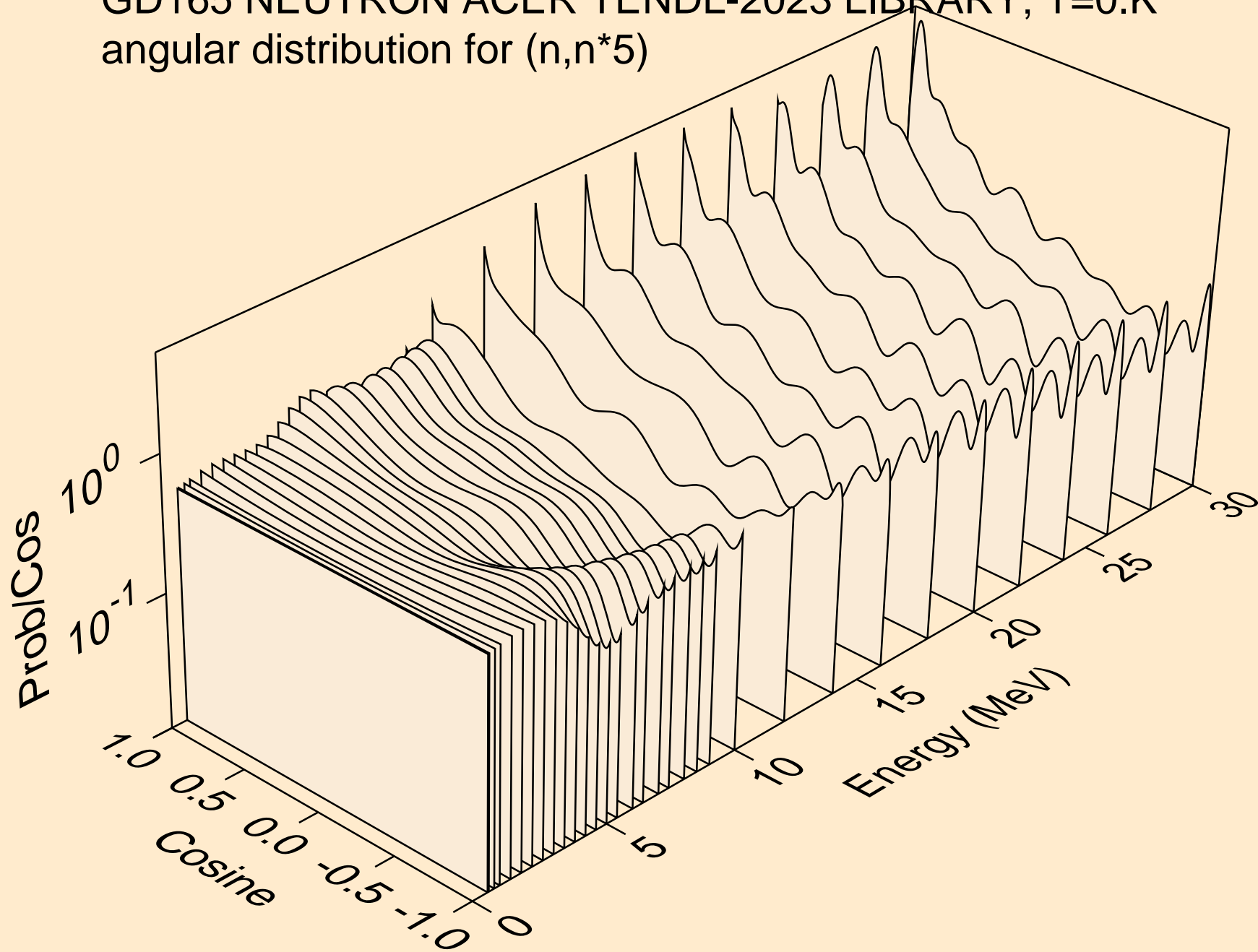
GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



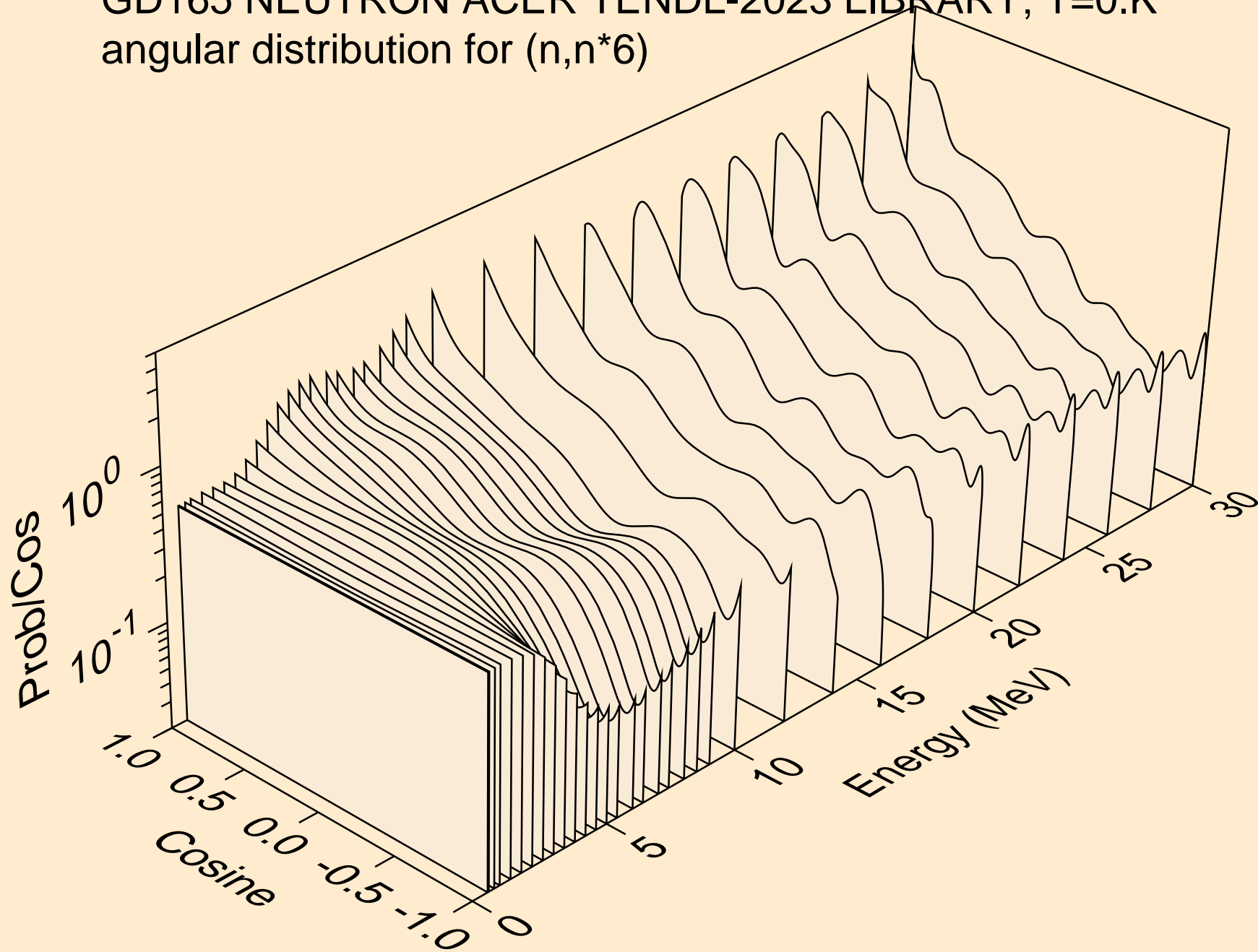
GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



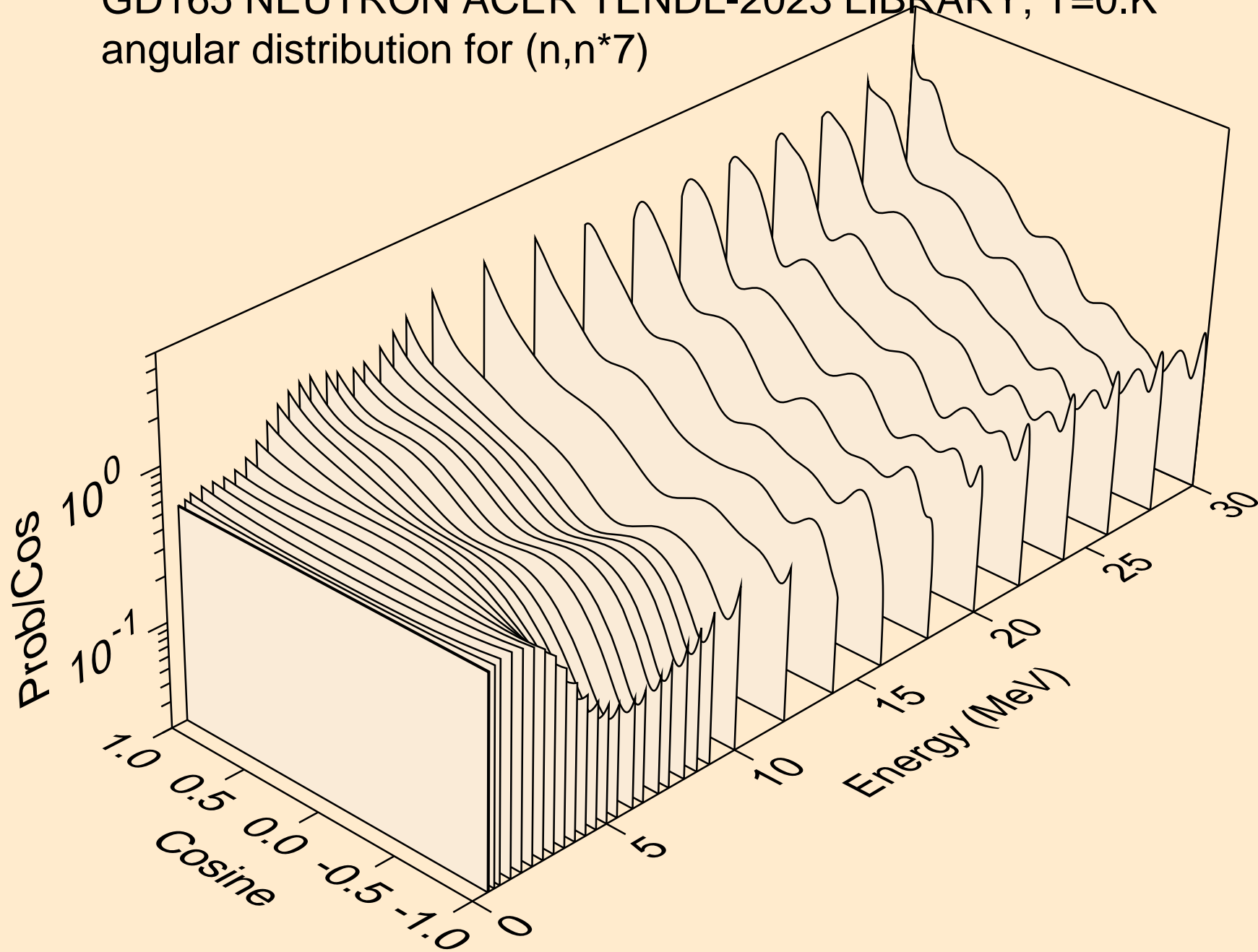
GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



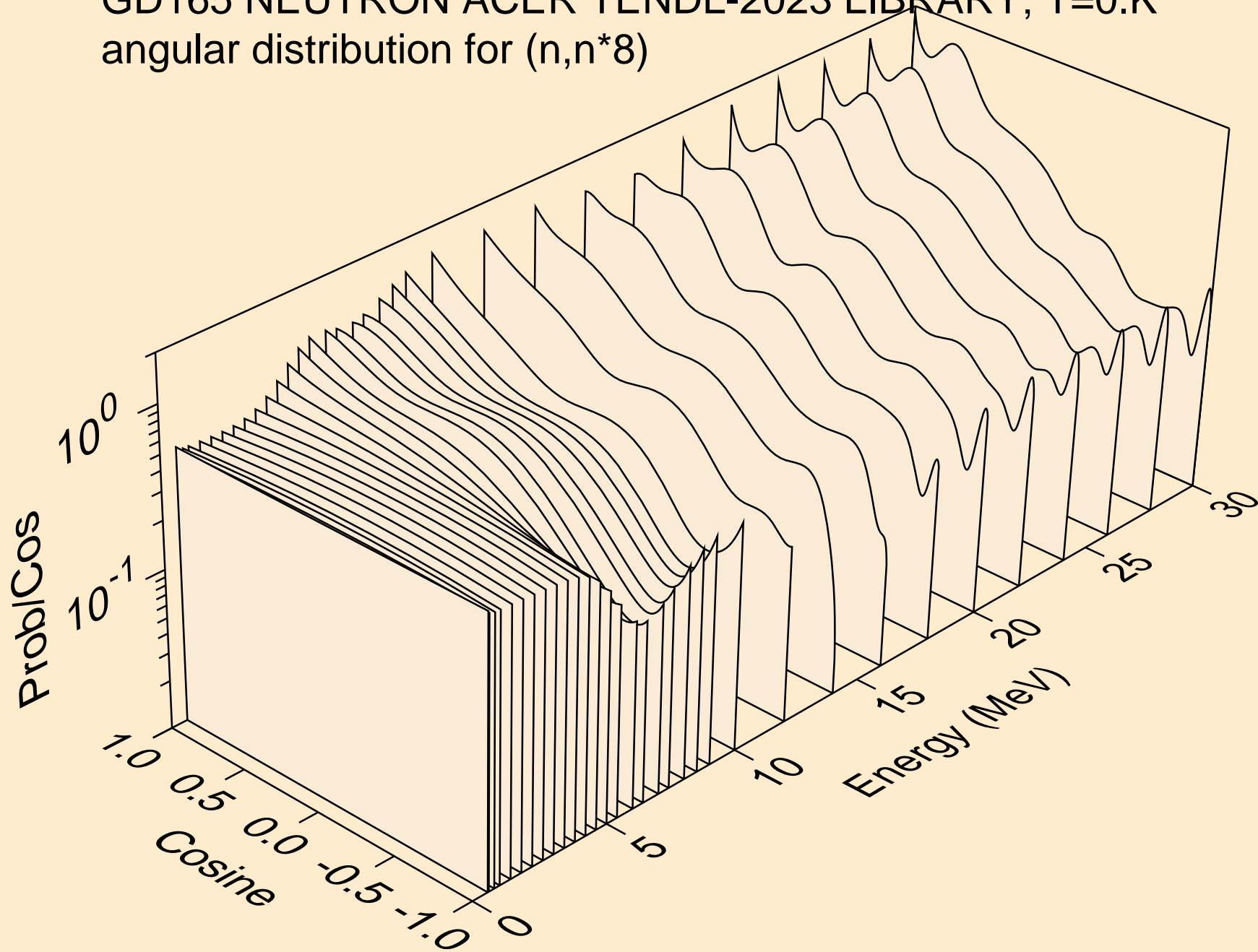
GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



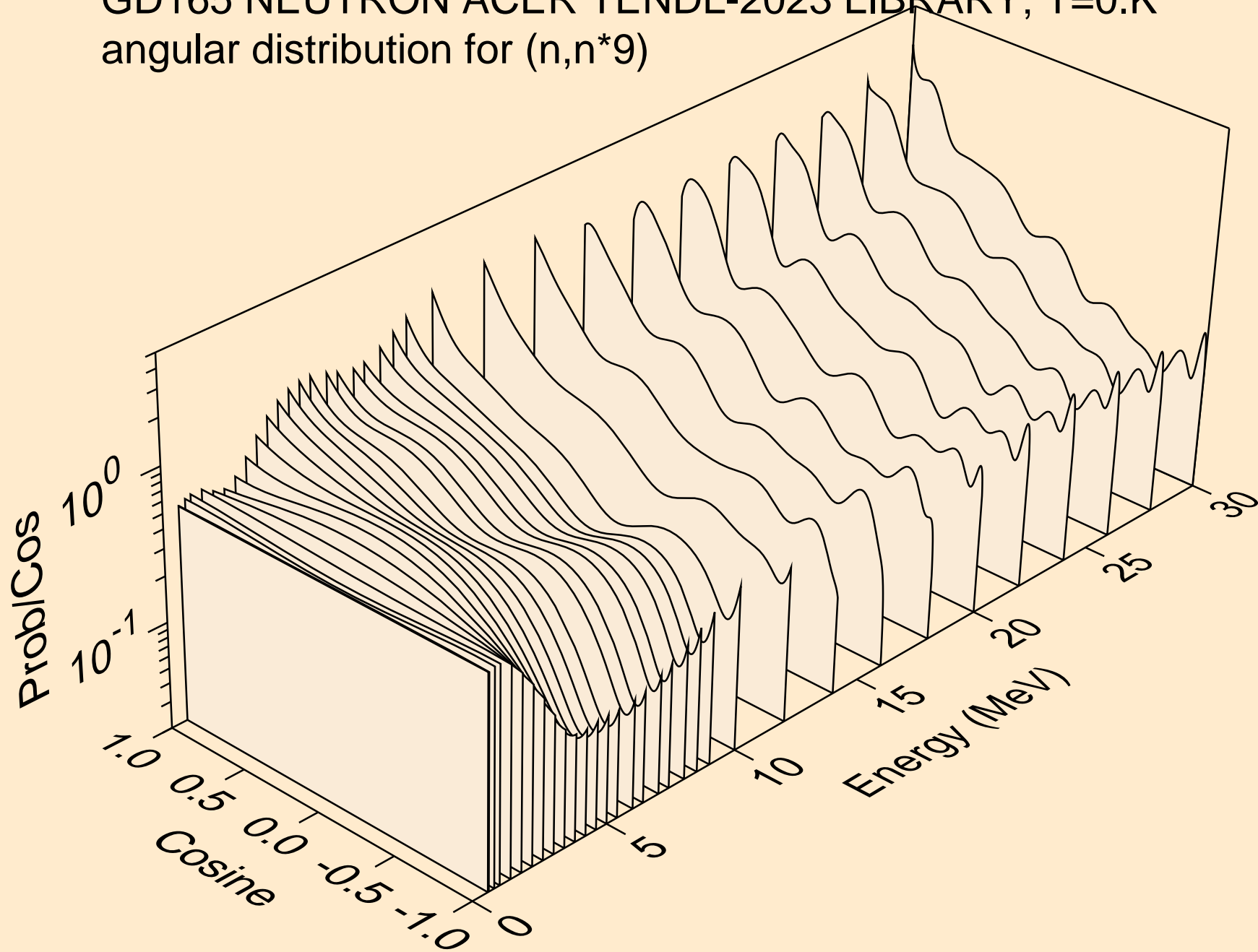
GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*8)

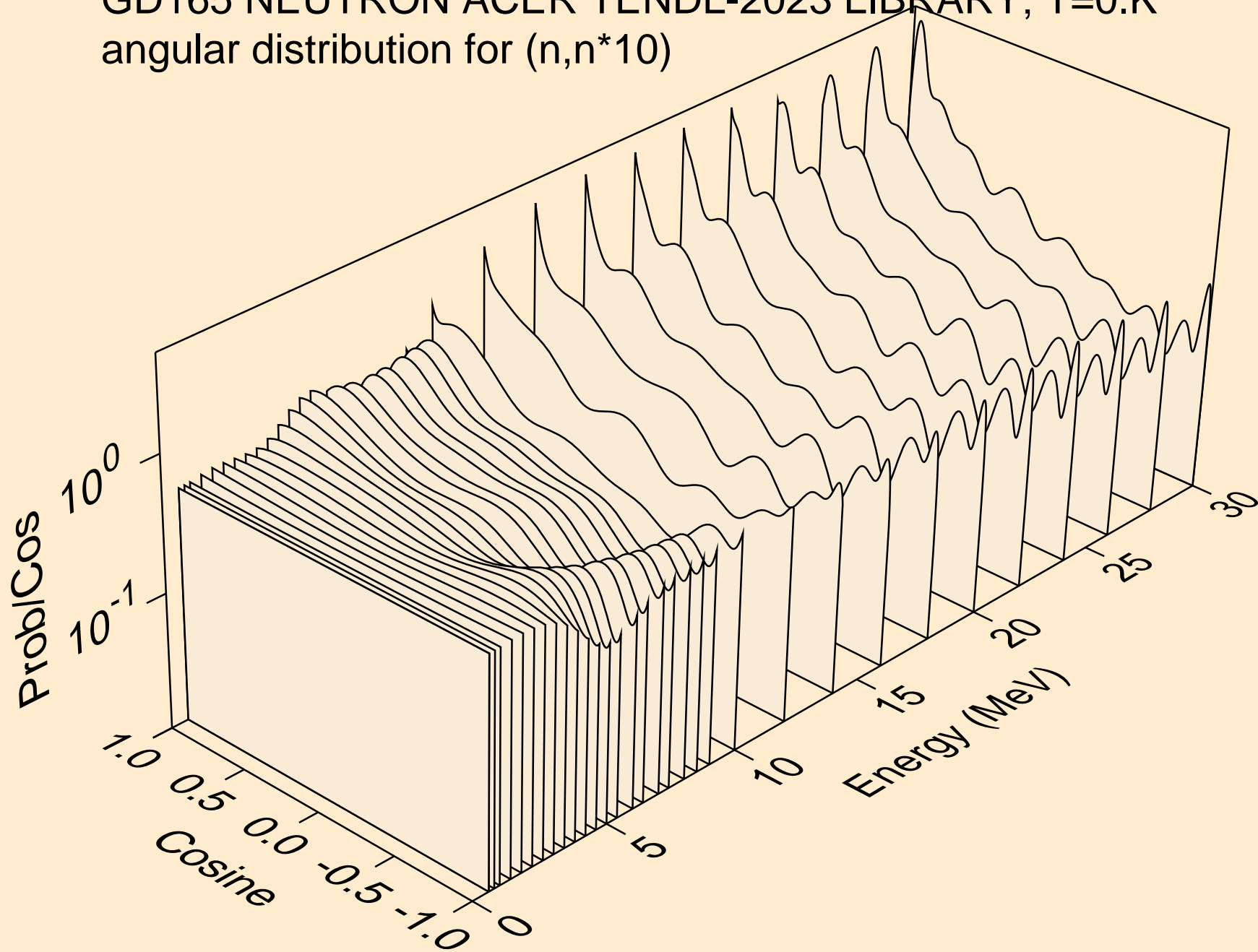


GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*9)

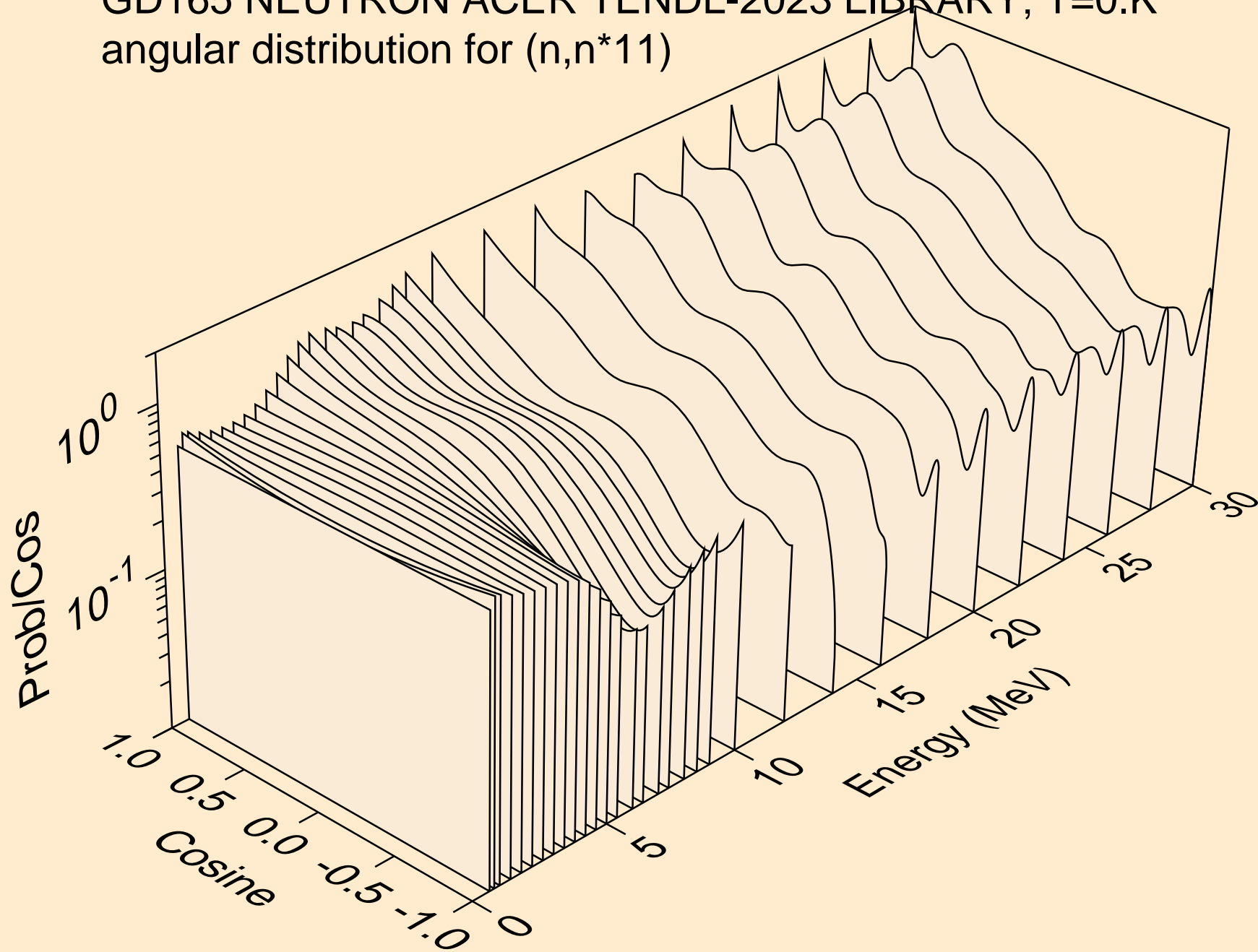




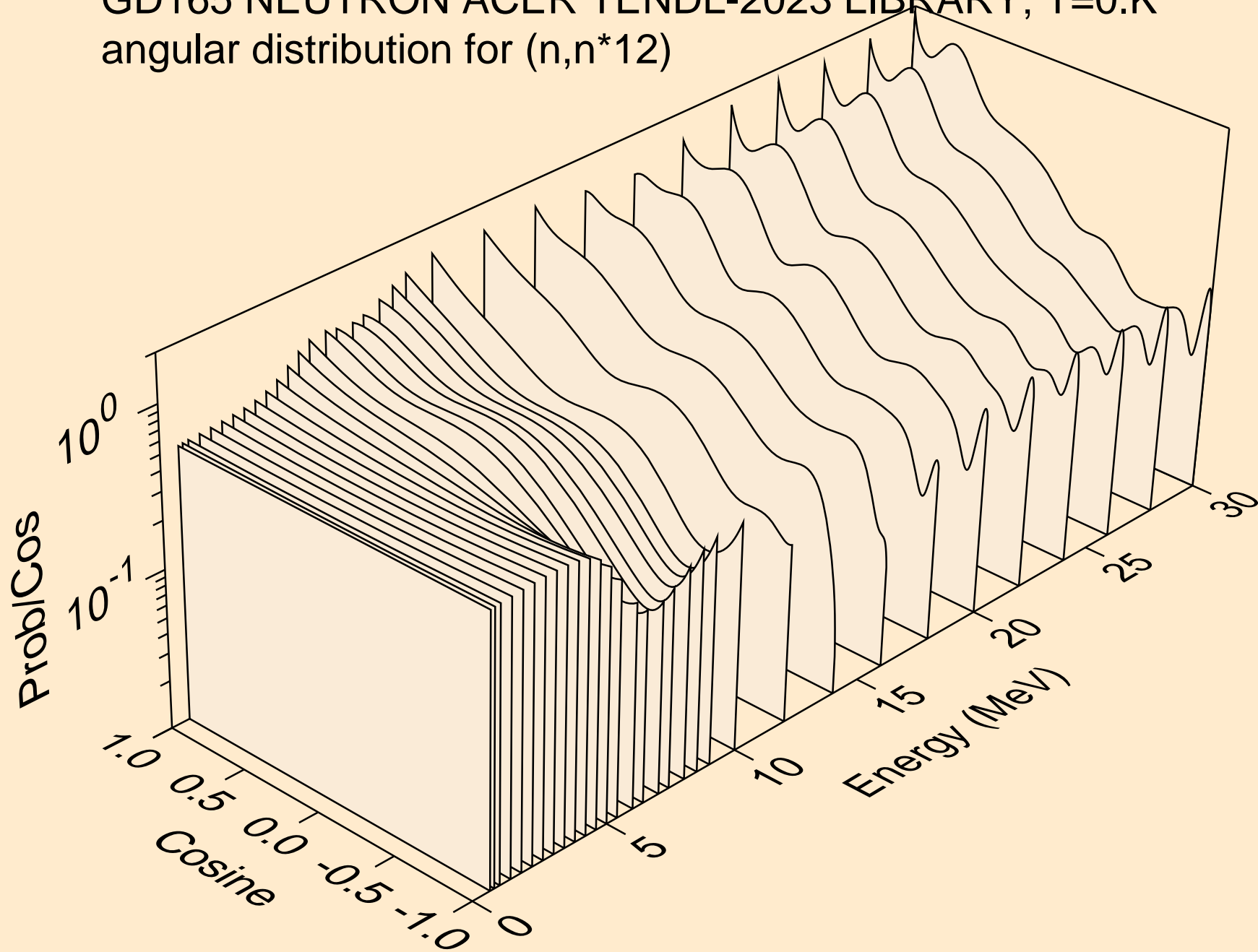
GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



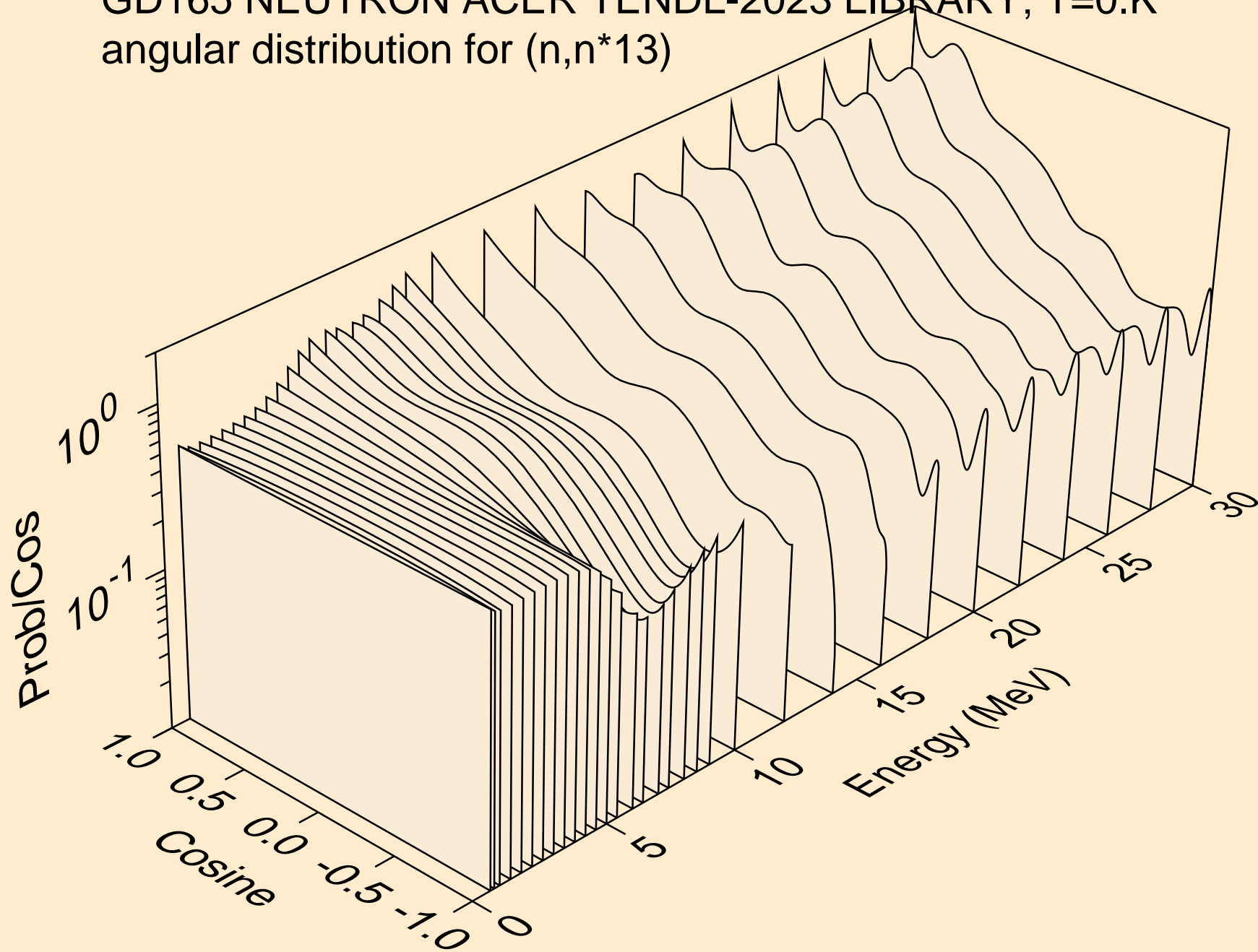
GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



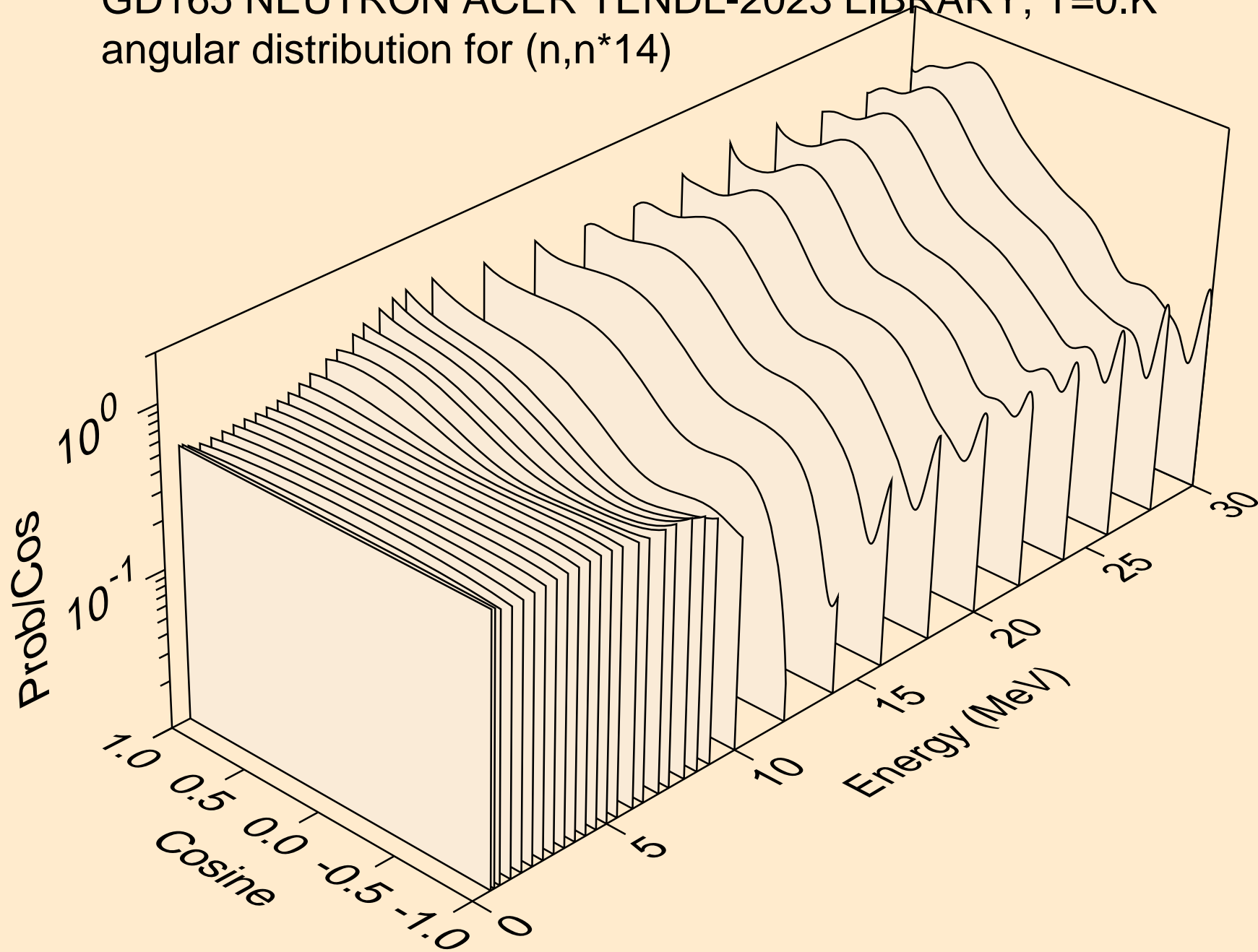
GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



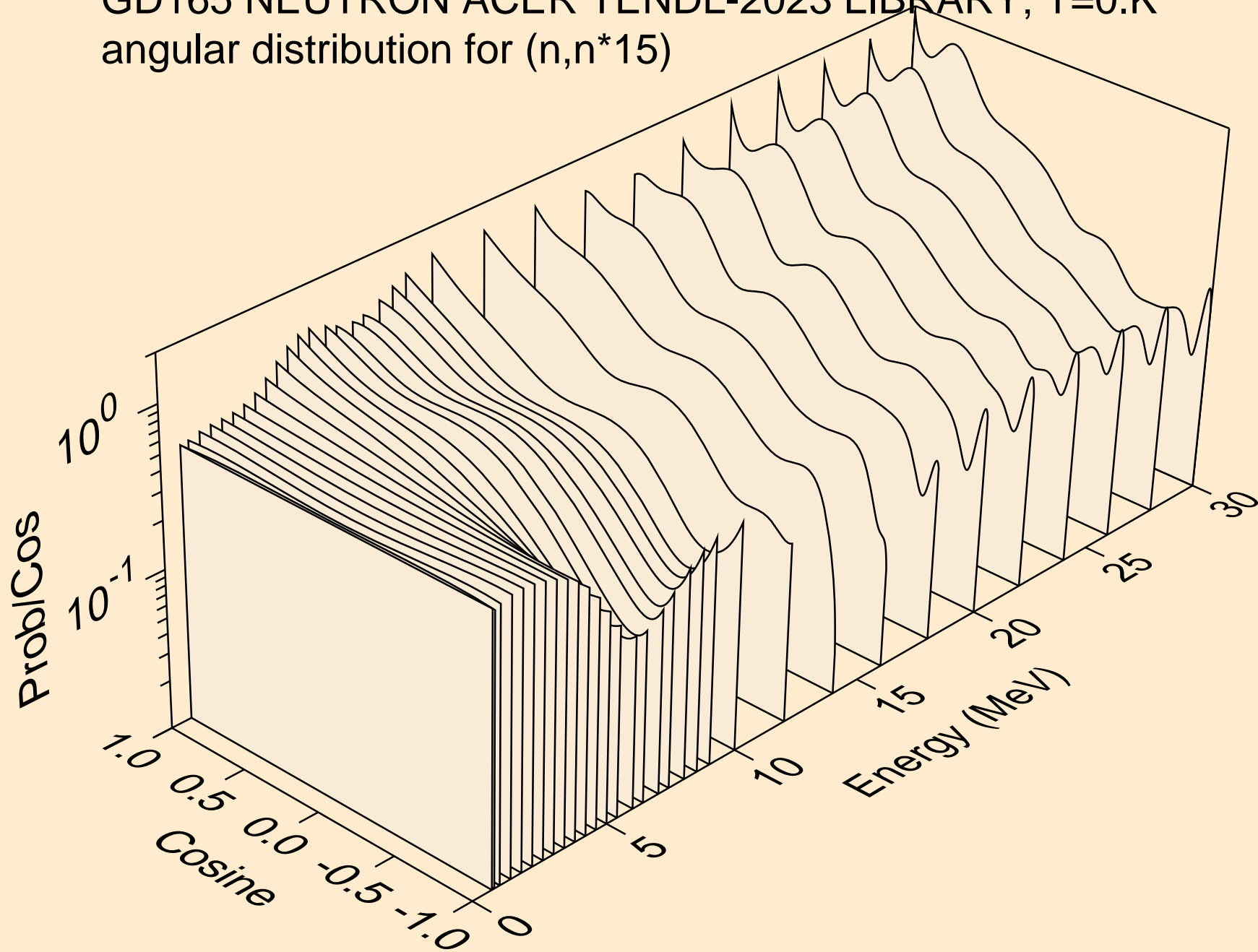
GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



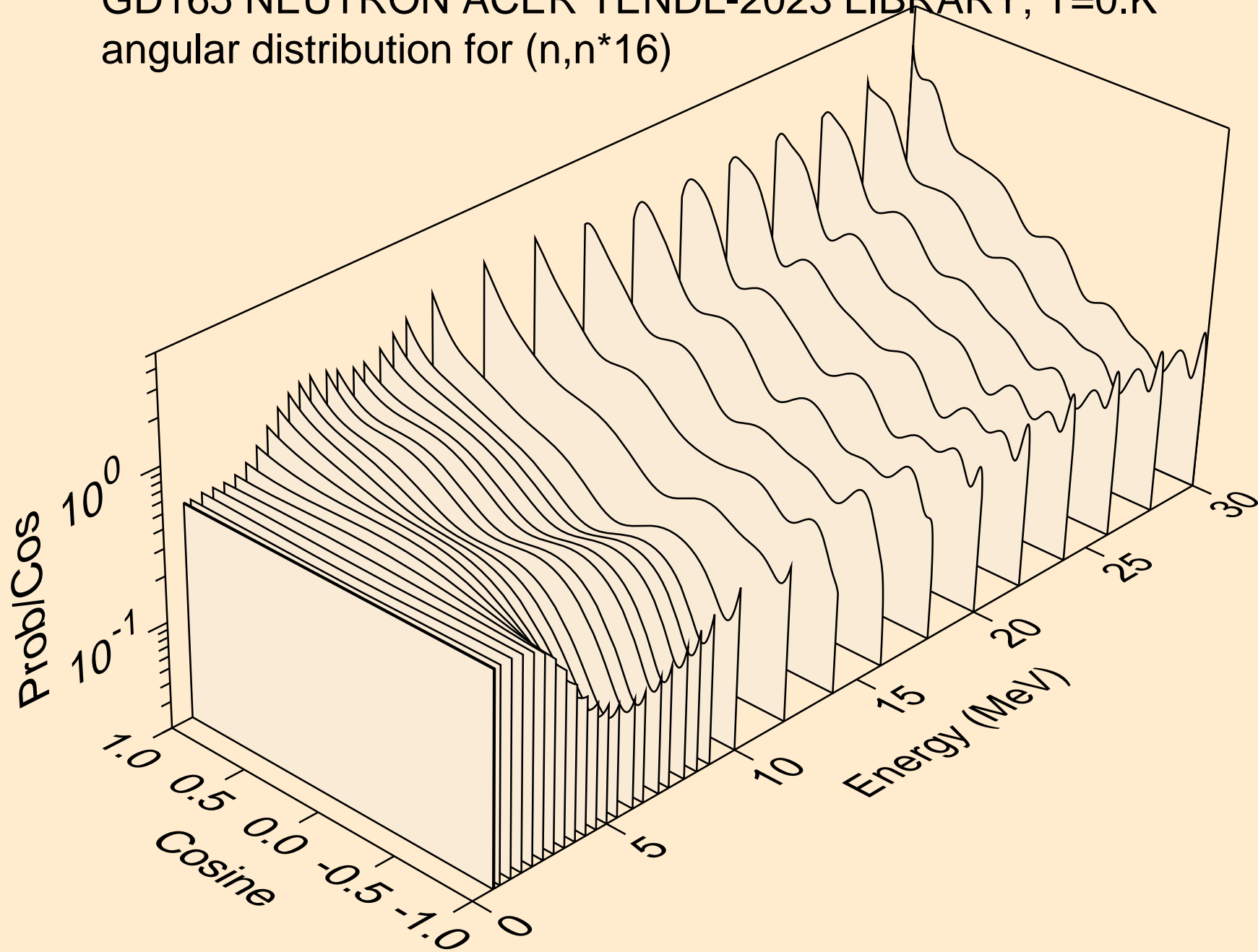
GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



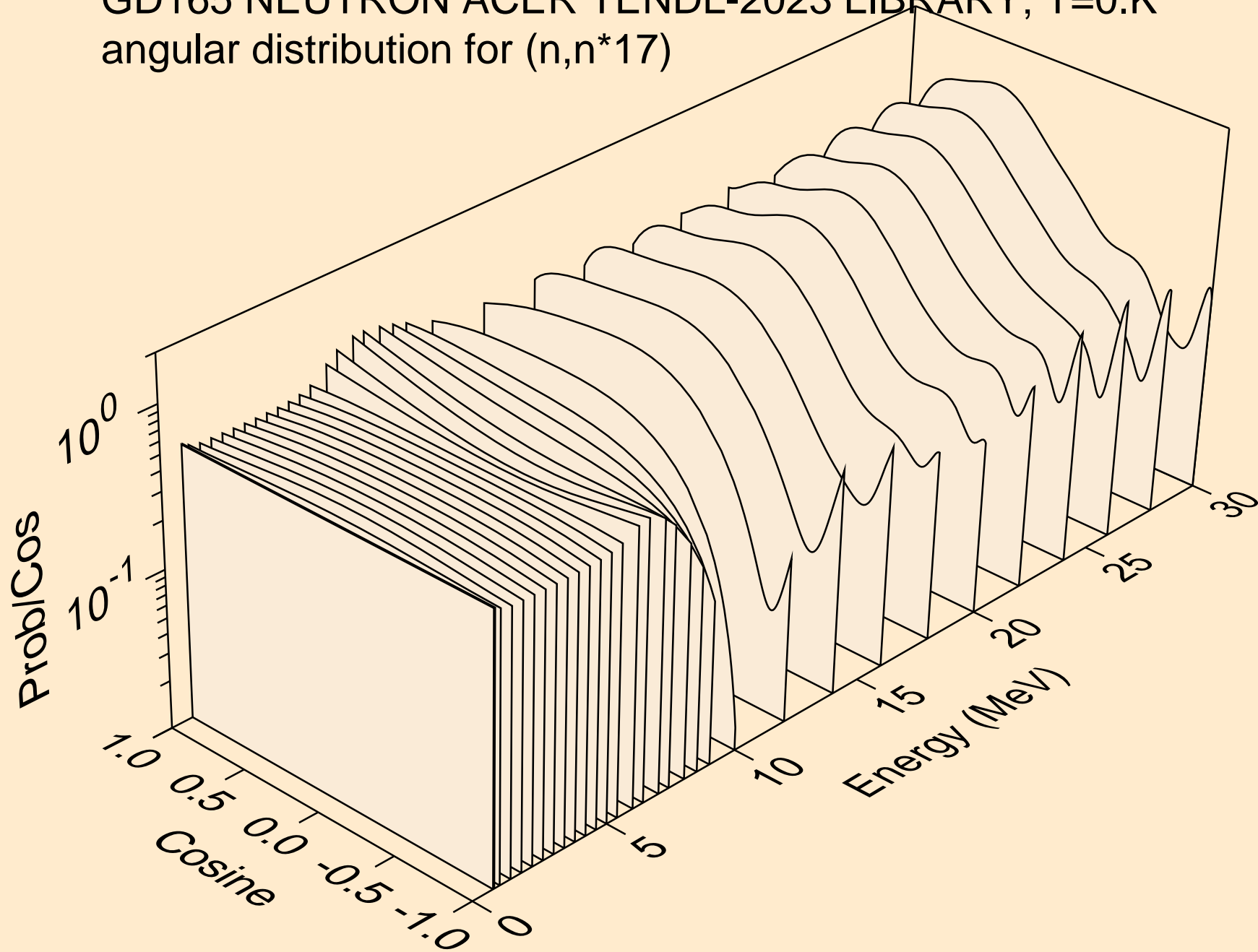
GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*16)

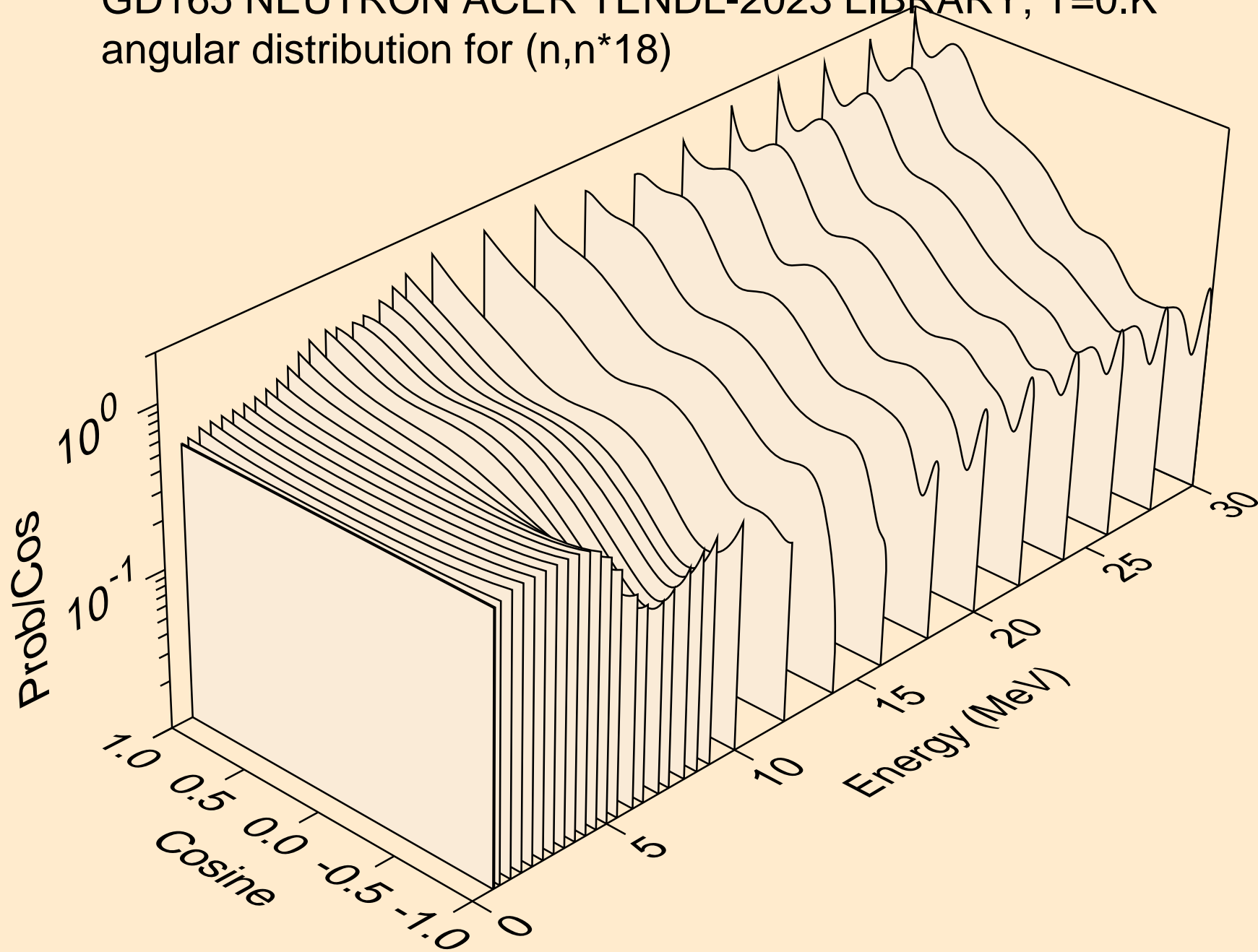


GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*17)

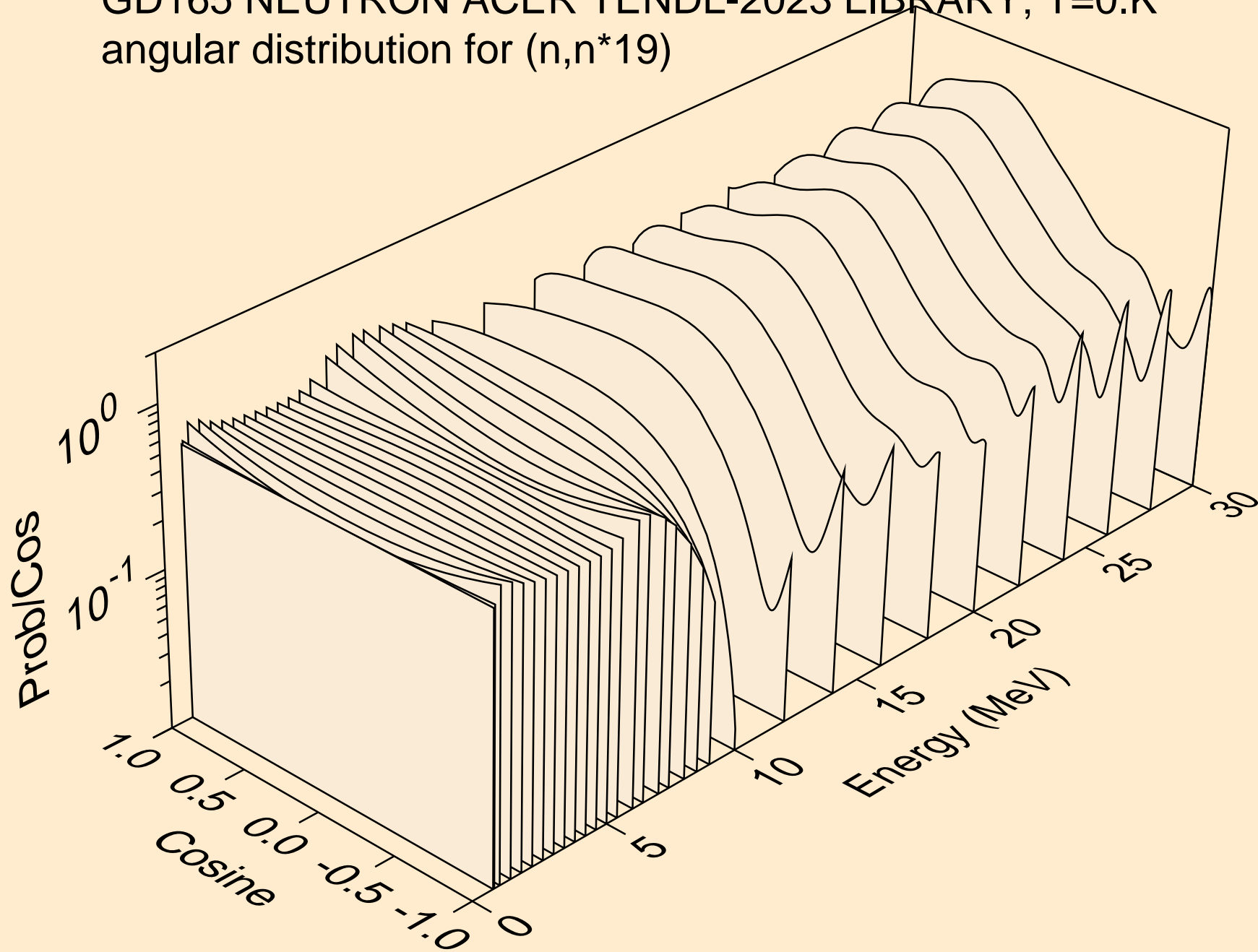




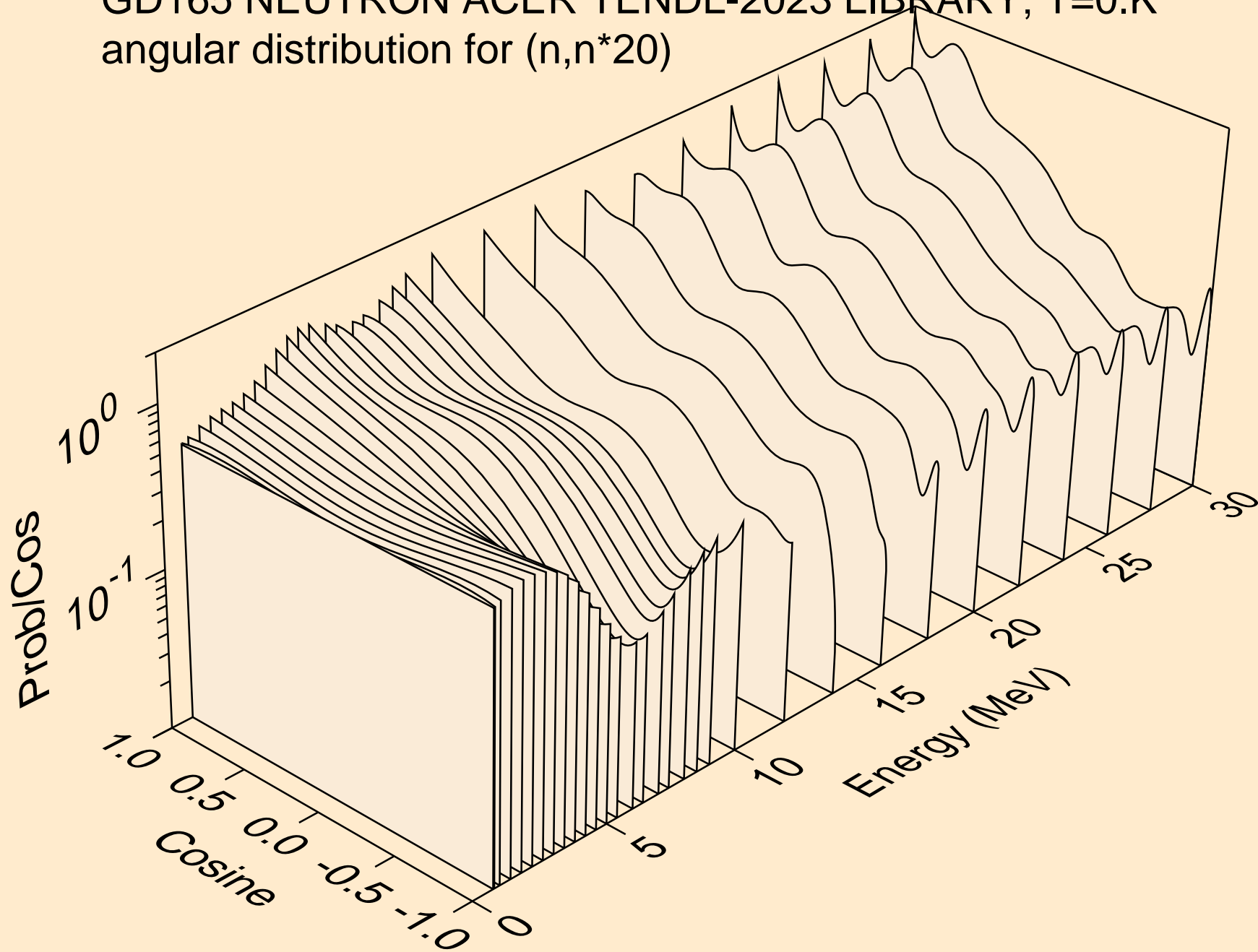
GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*18)



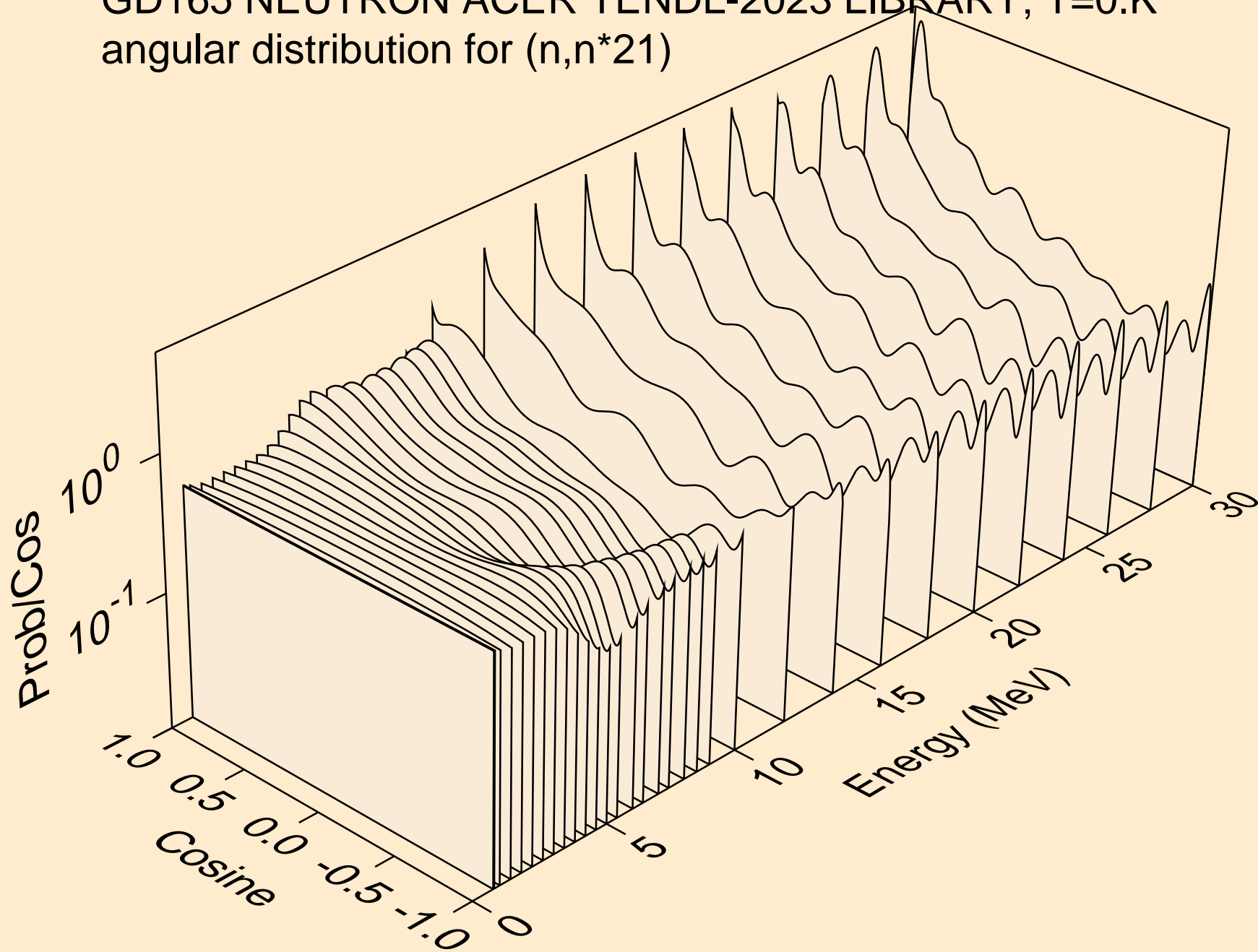
GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*19)



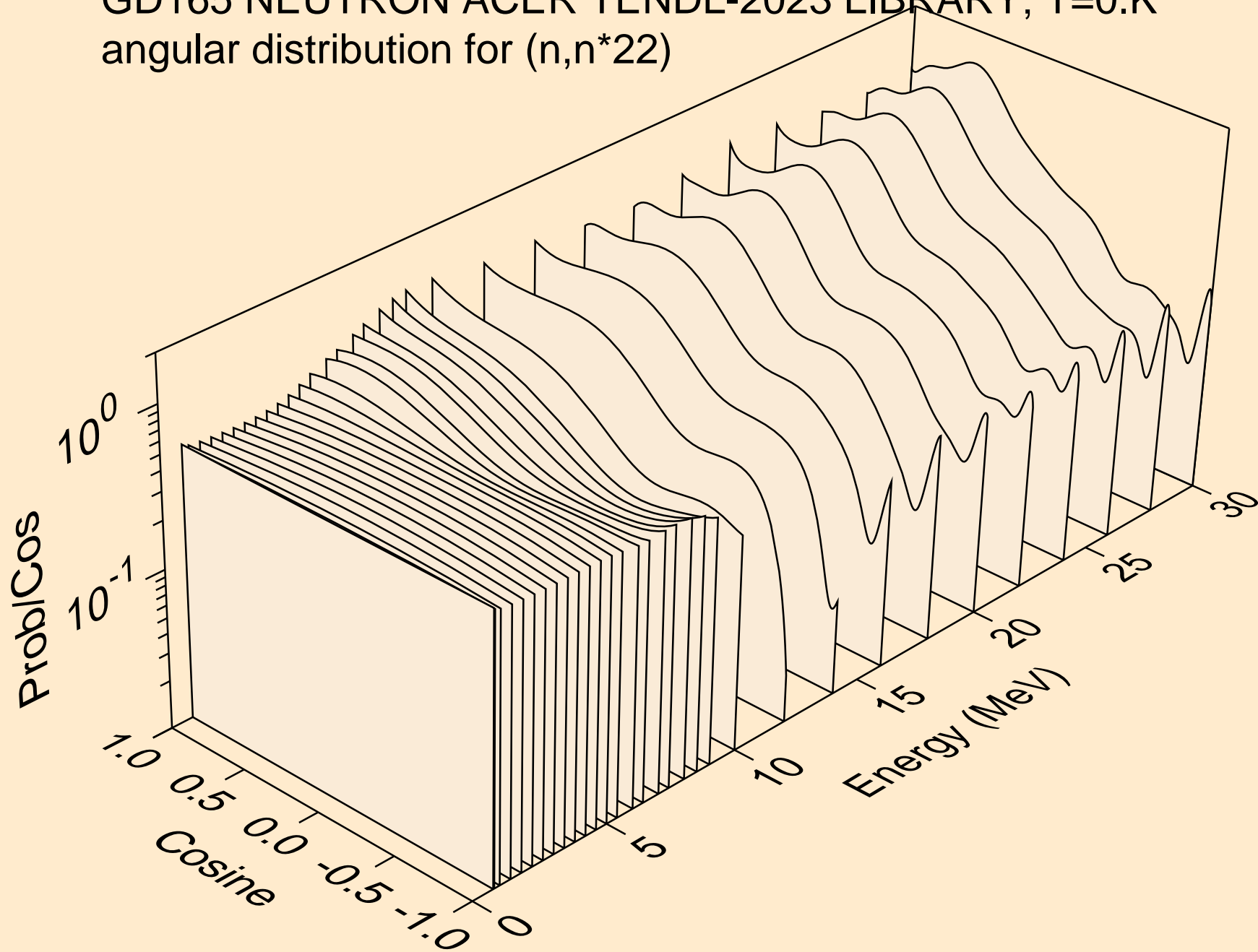
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angular distribution for (n,n\*20)



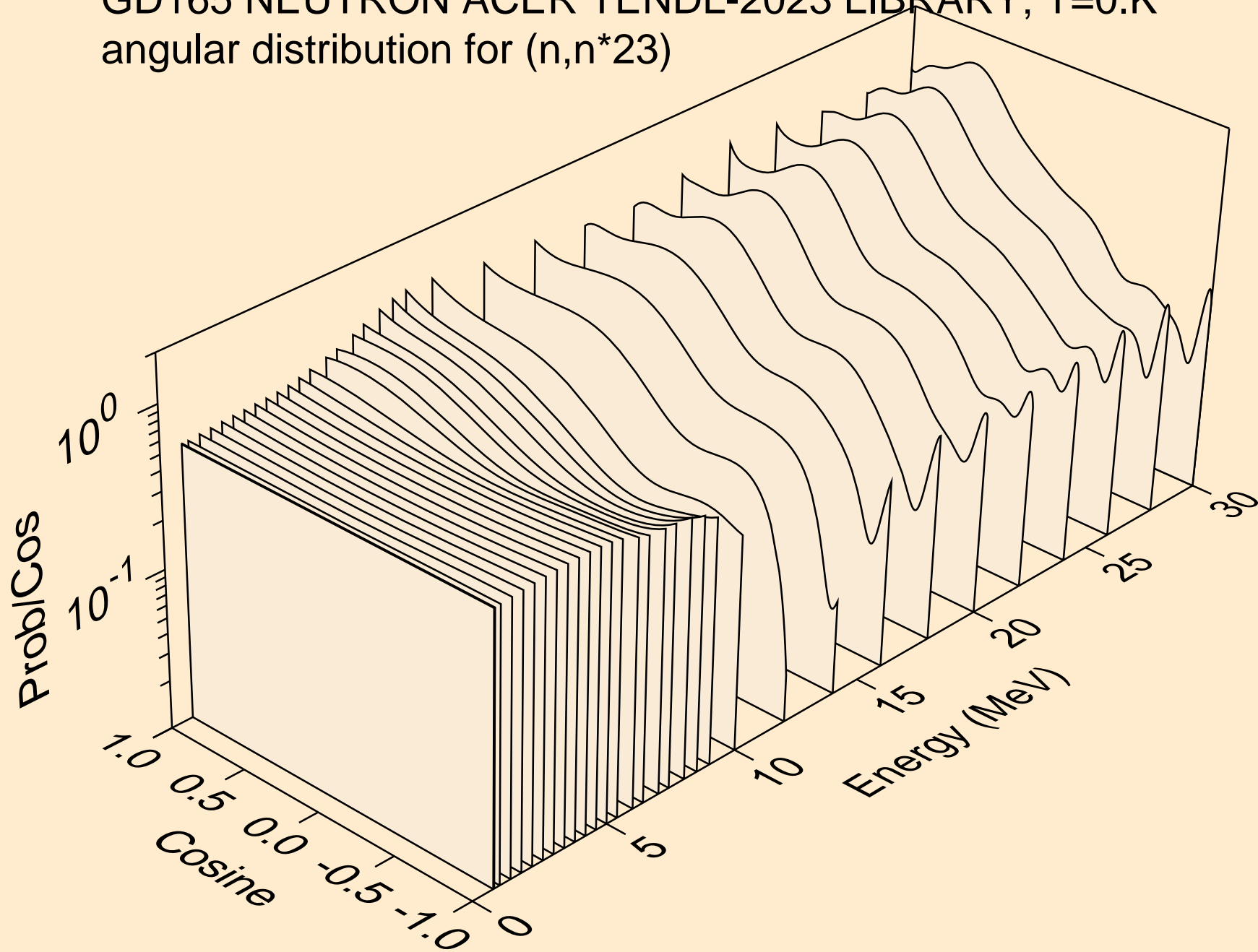
GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*21)



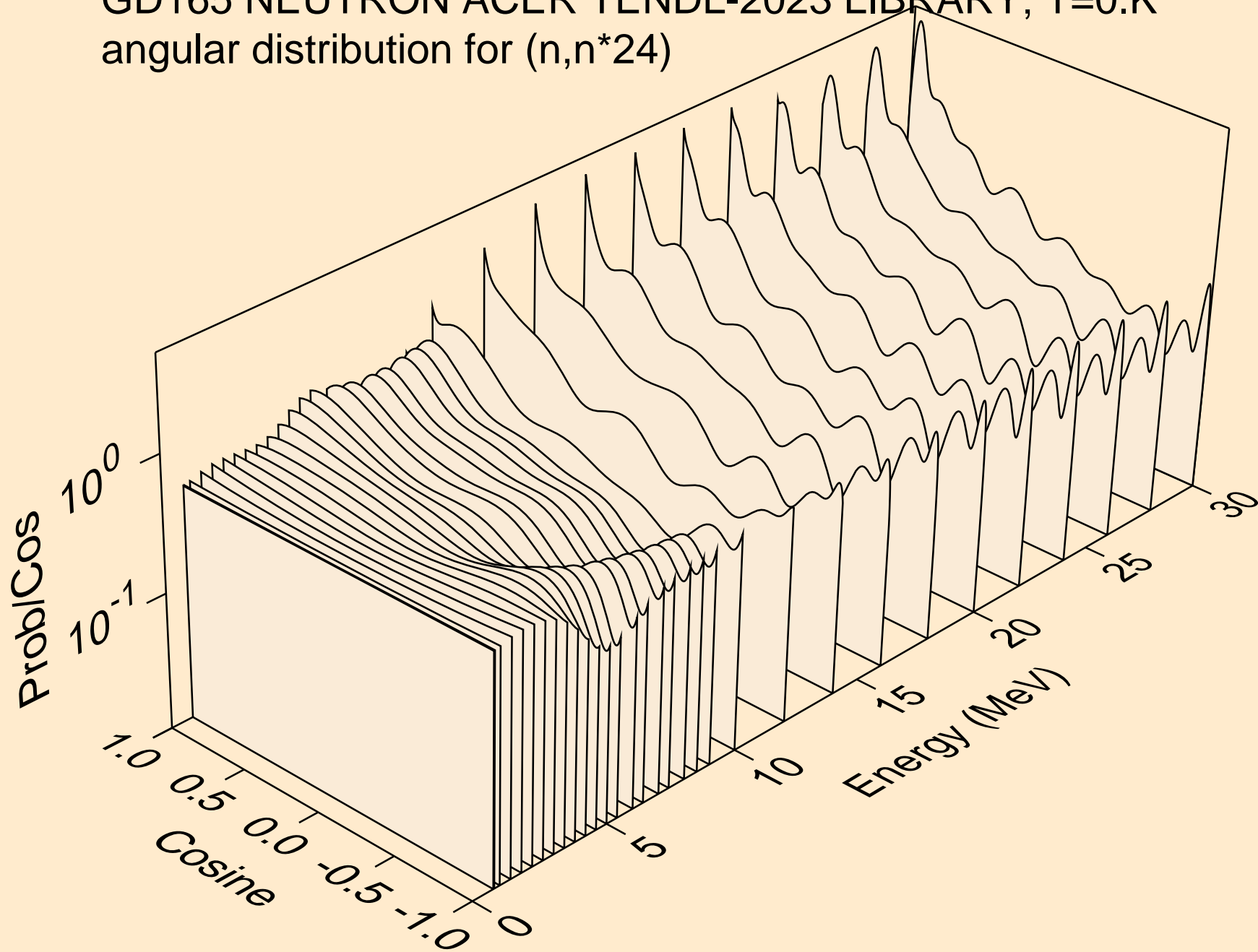
GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*22)



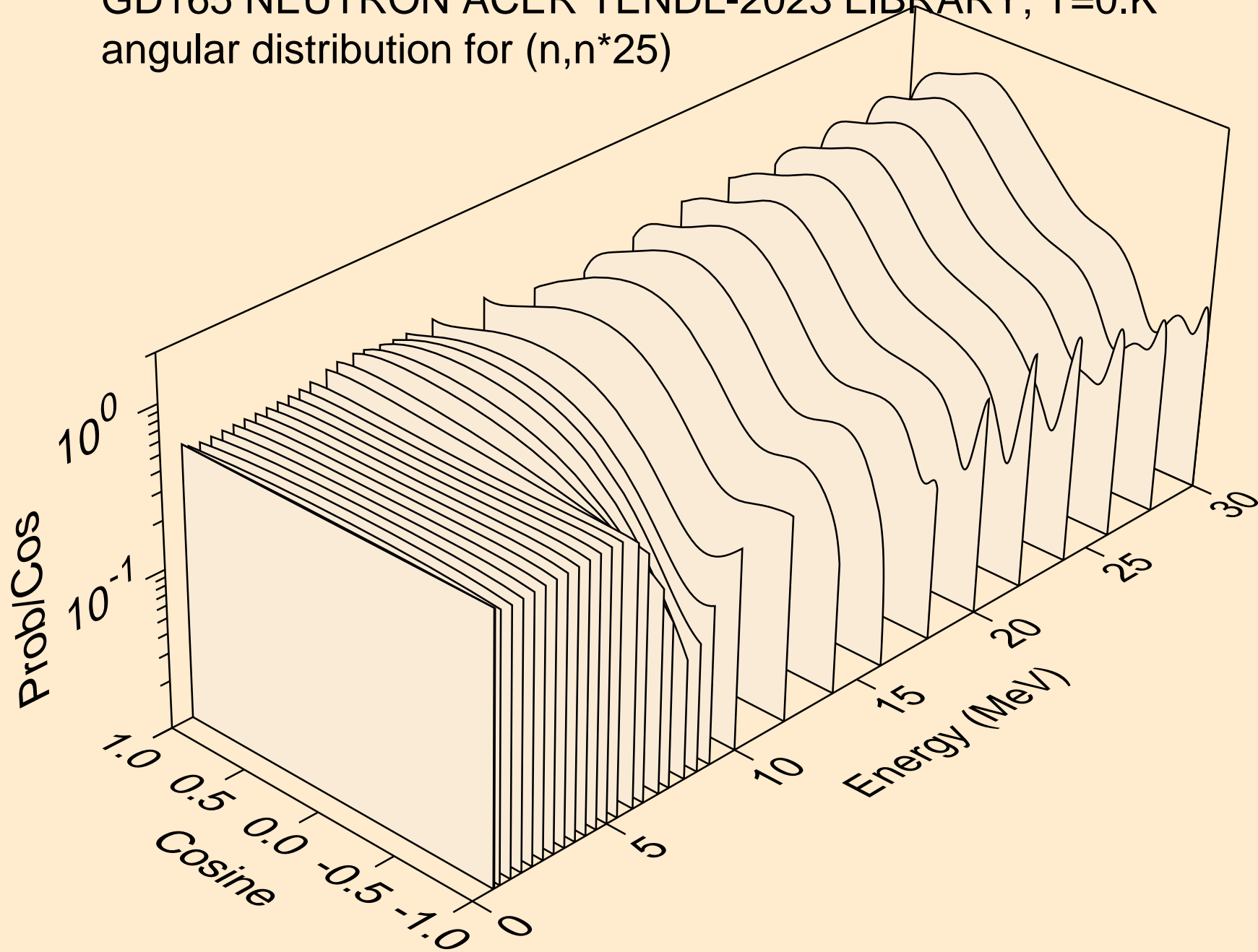
GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*23)



GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*24)

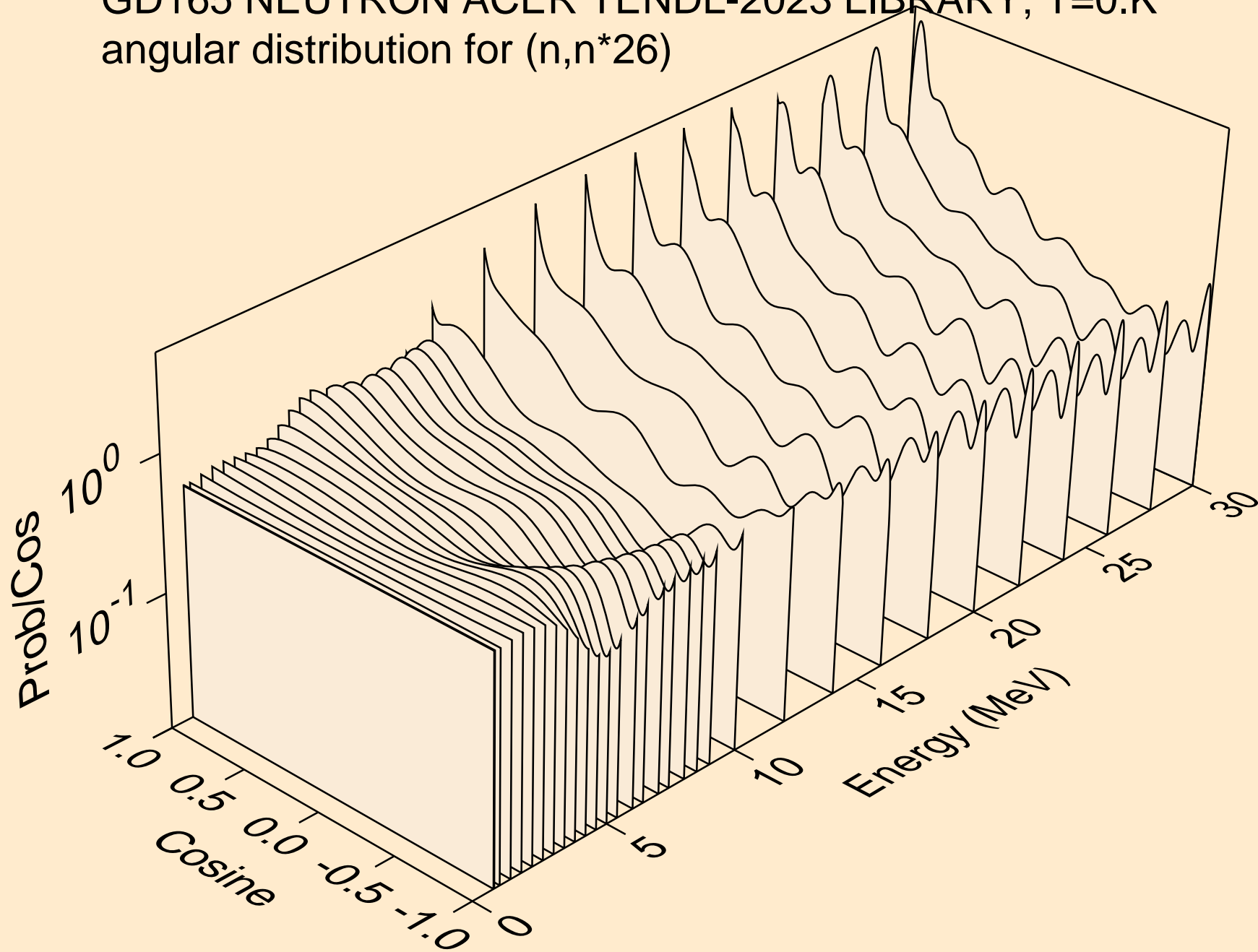


GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*25)

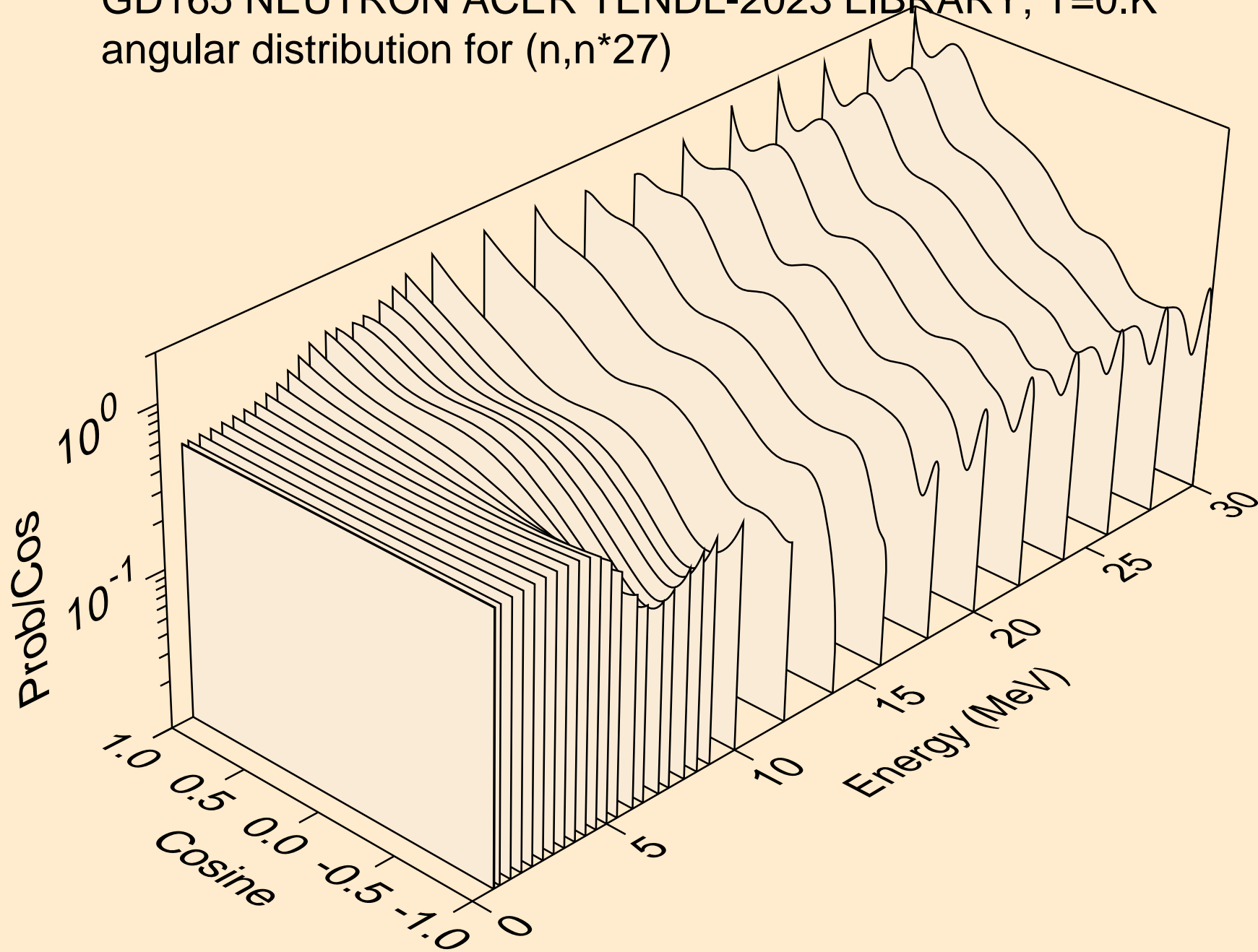




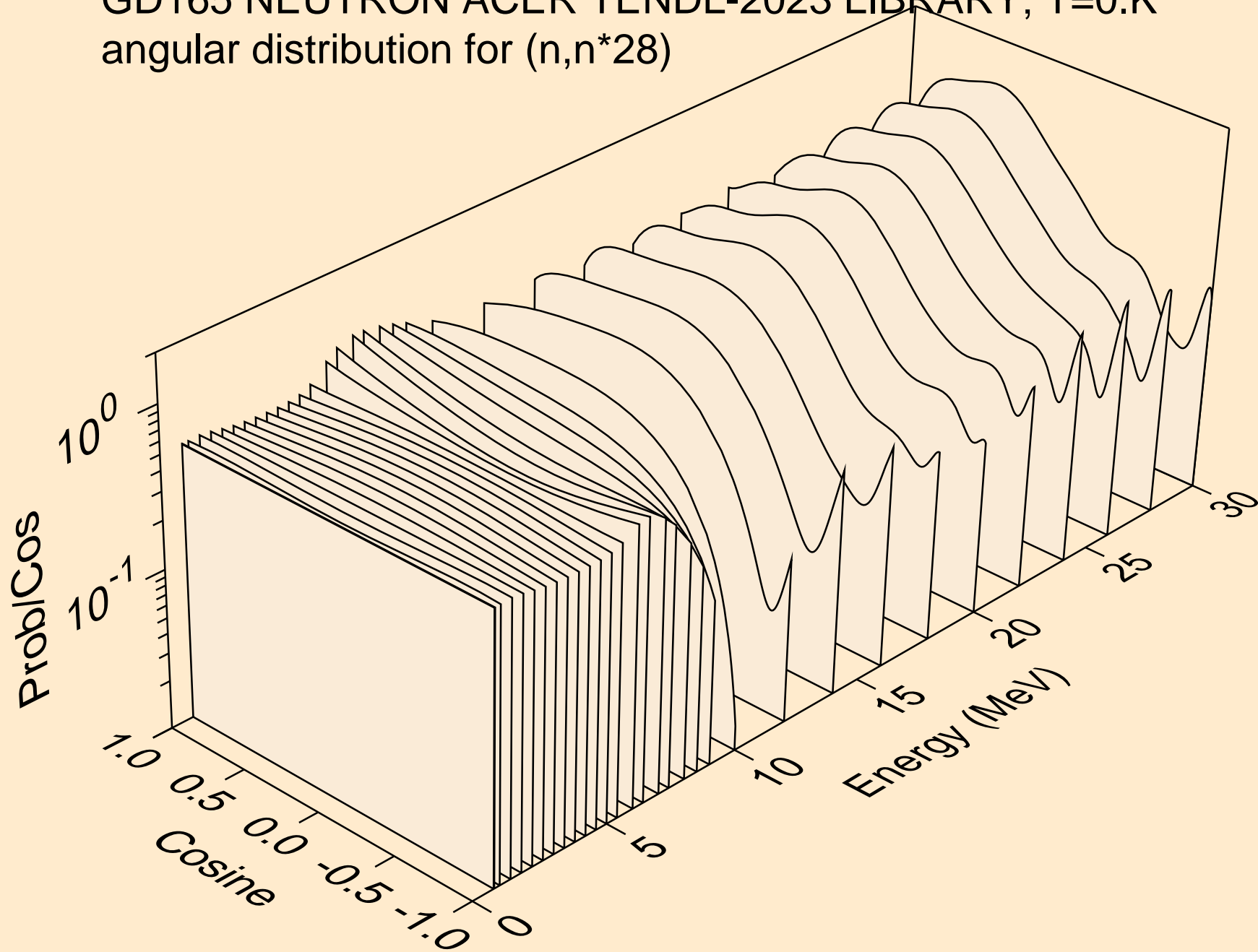
GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*26)



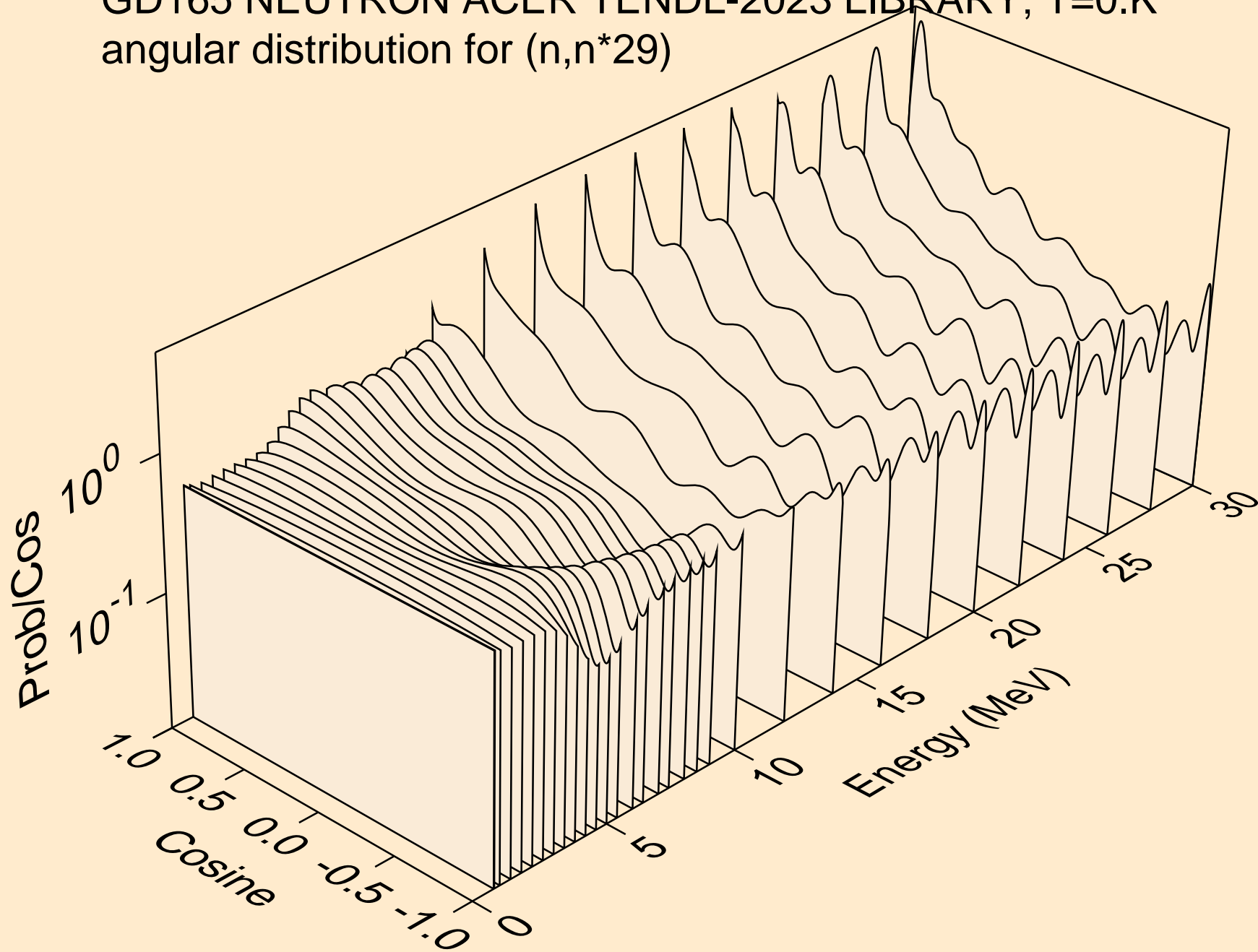
GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*27)



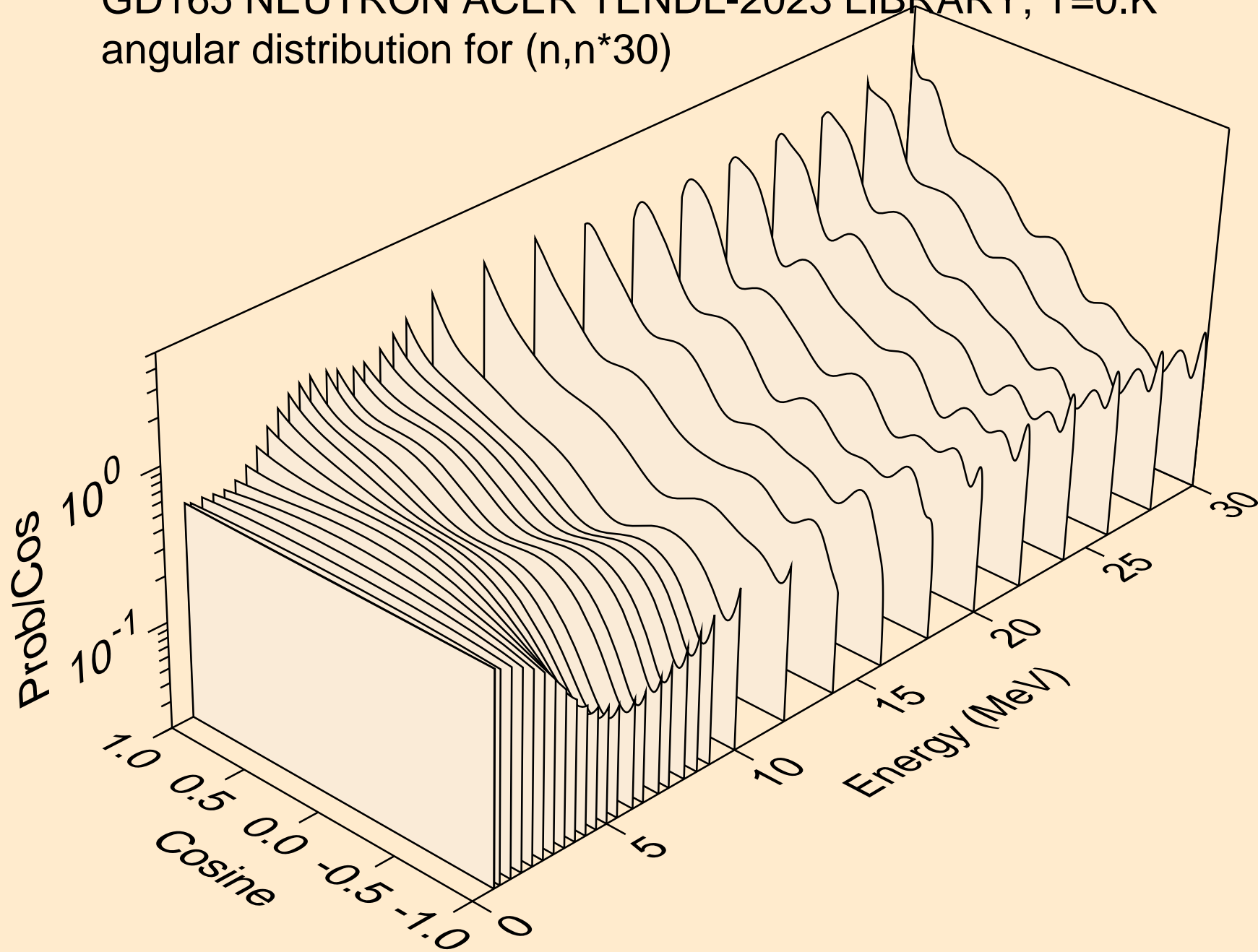
GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*28)



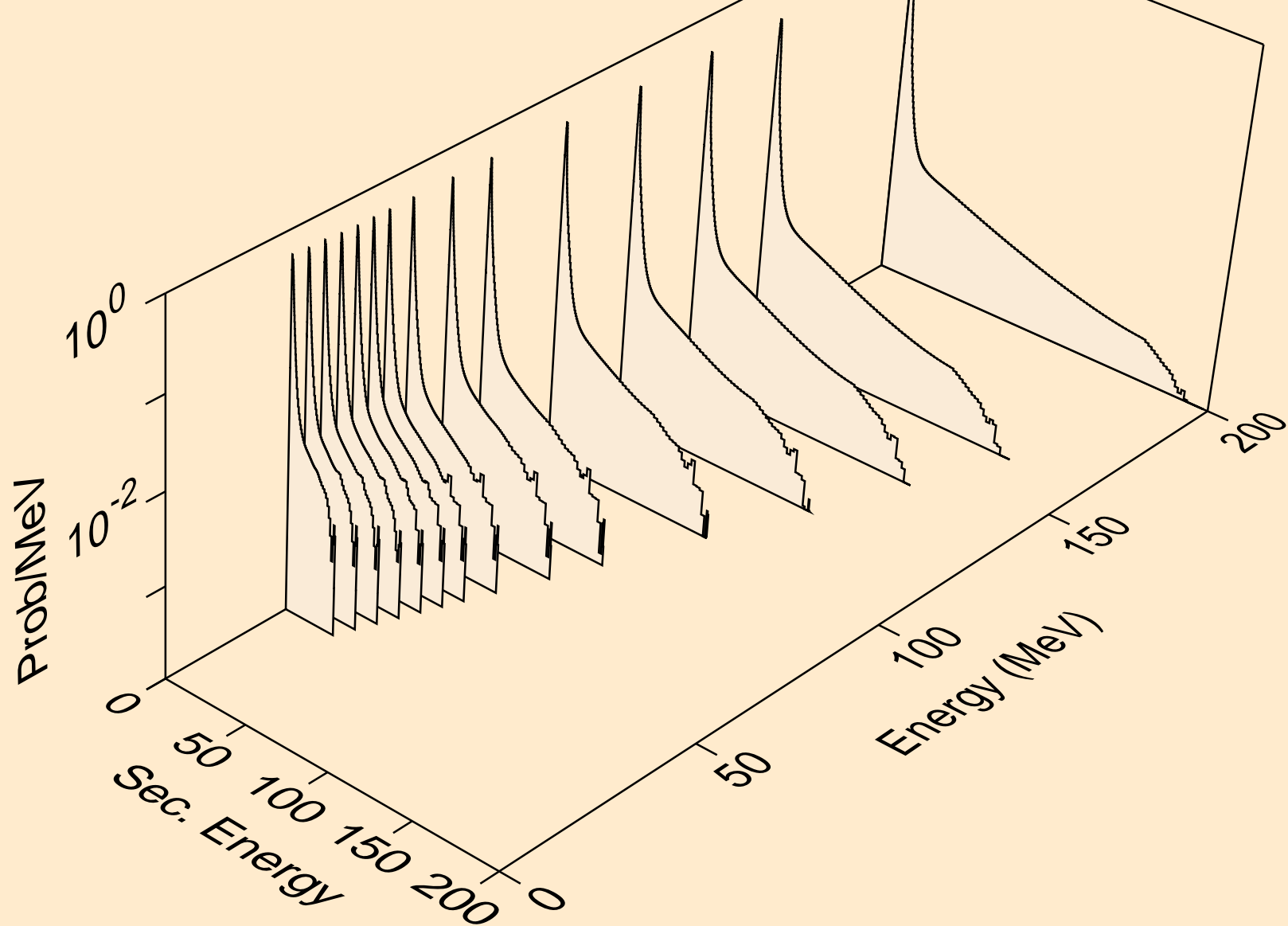
GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*29)



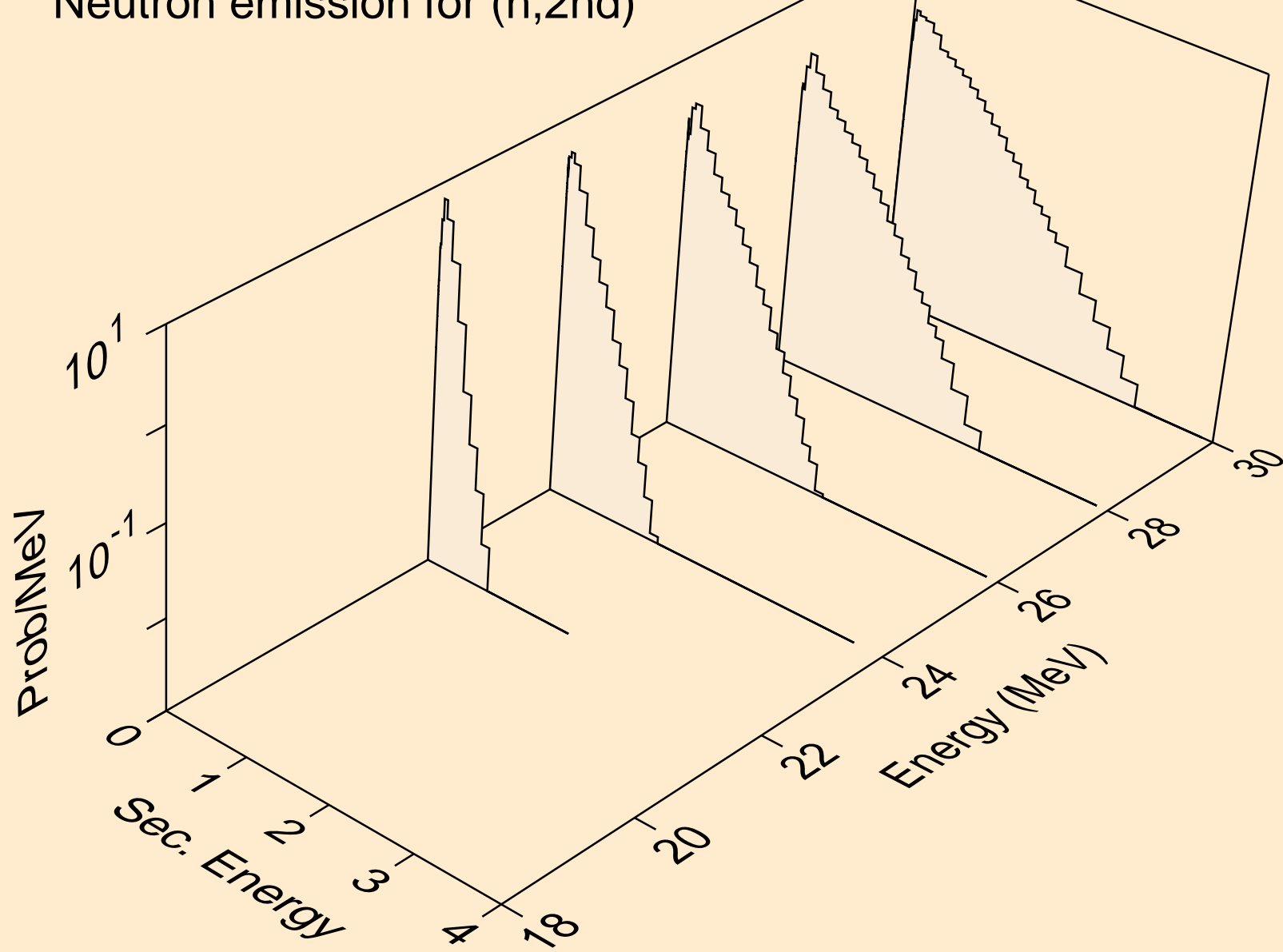
GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*30)



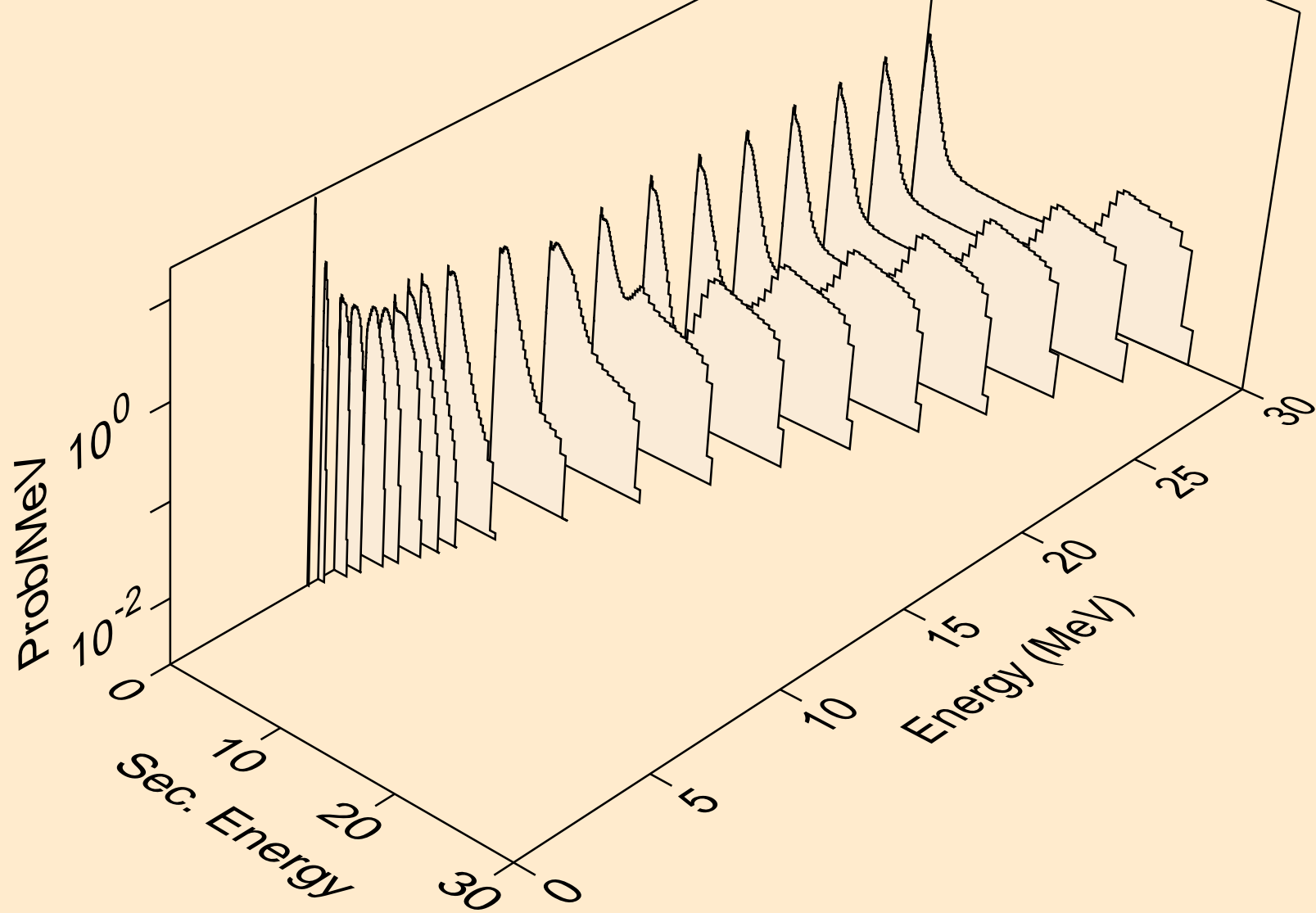
GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)

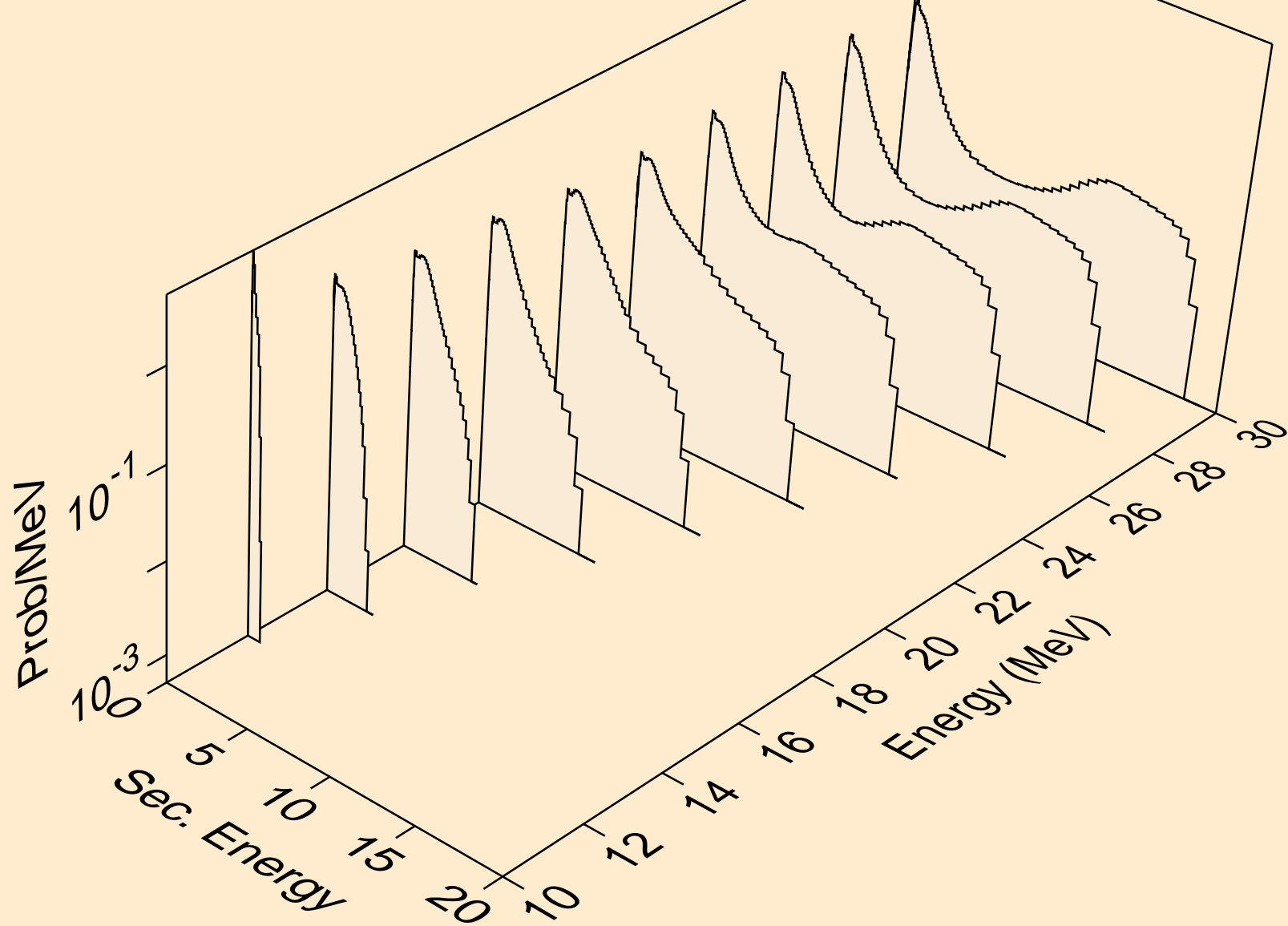


GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)

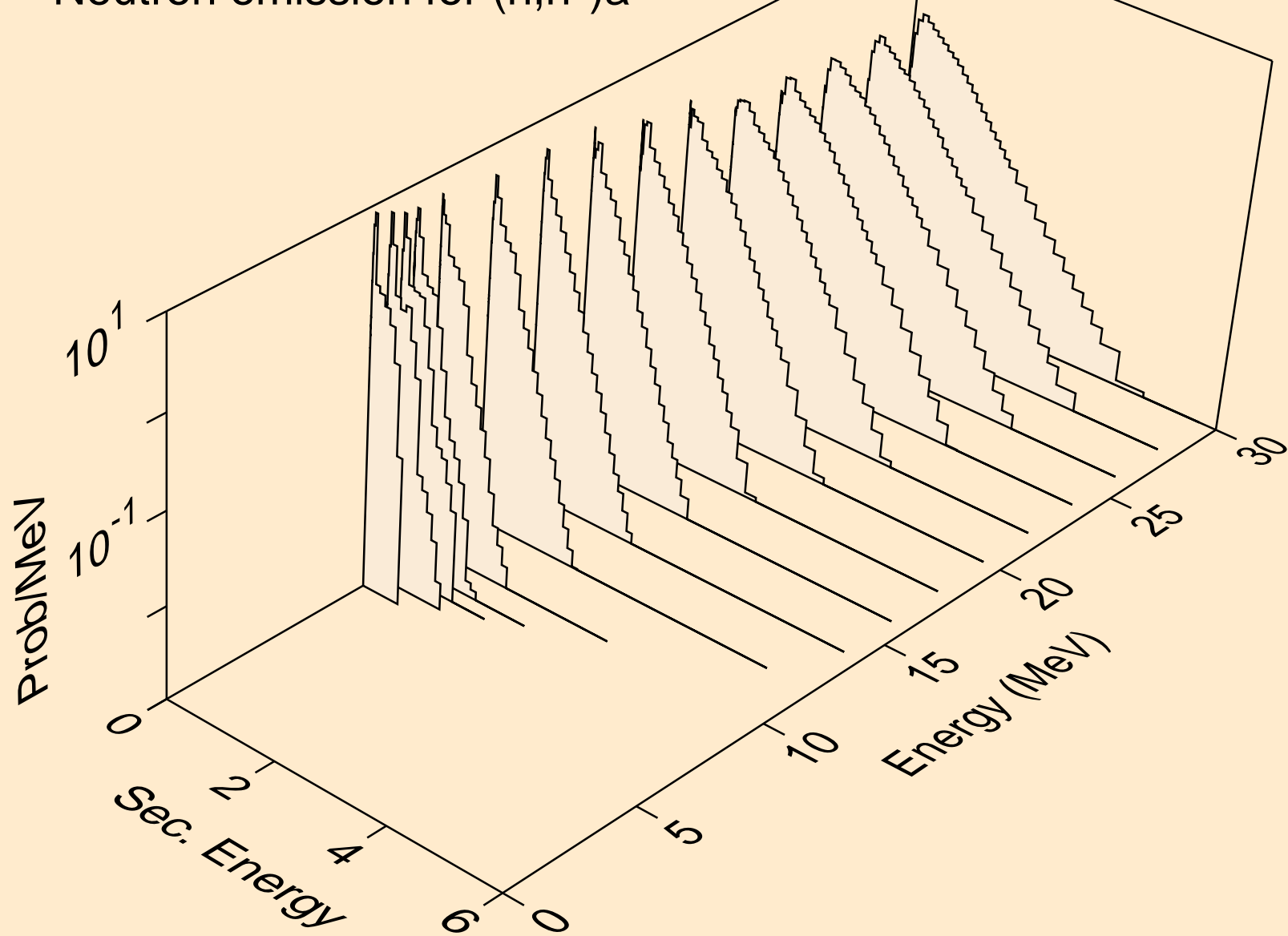




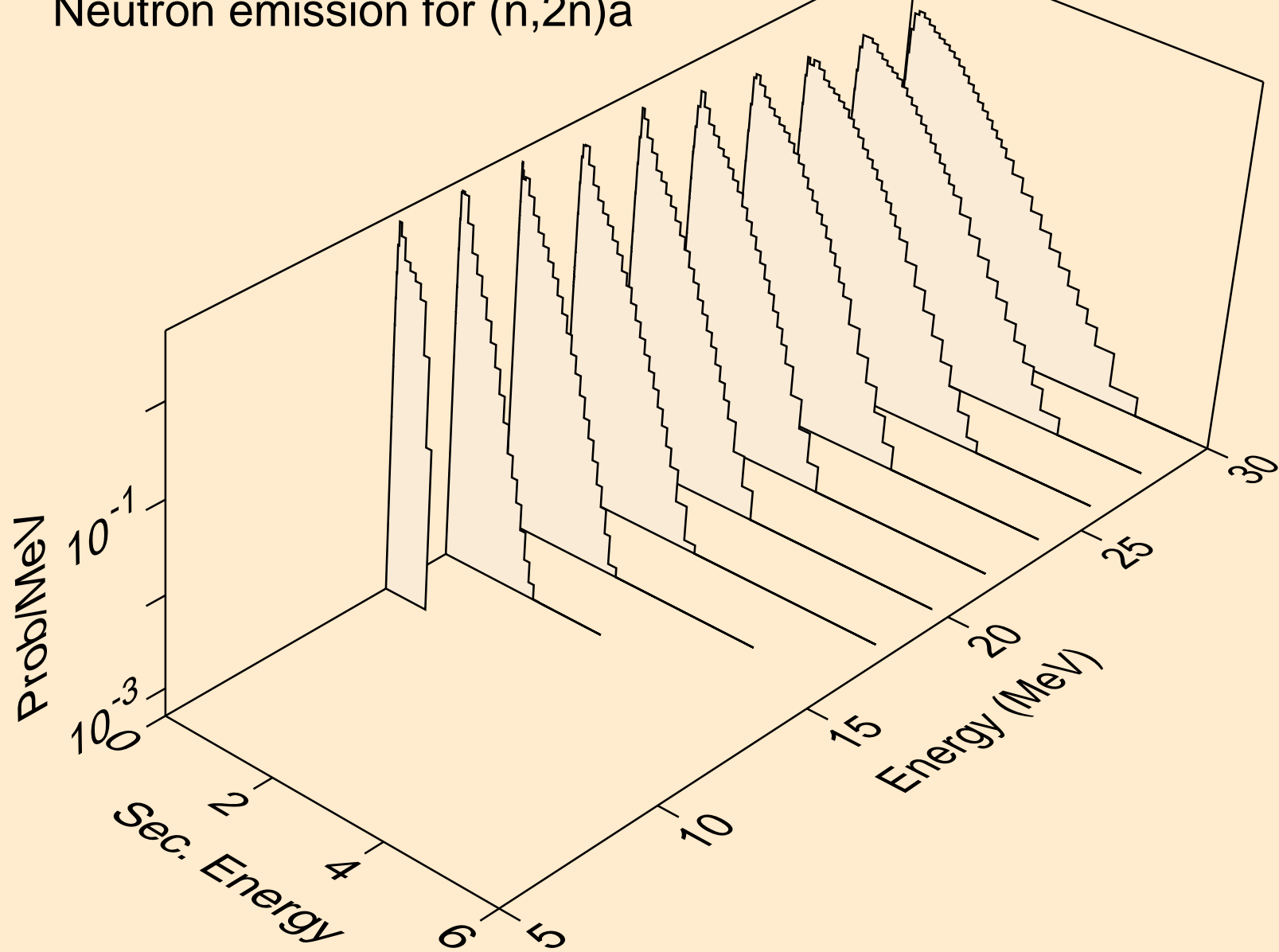
GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)



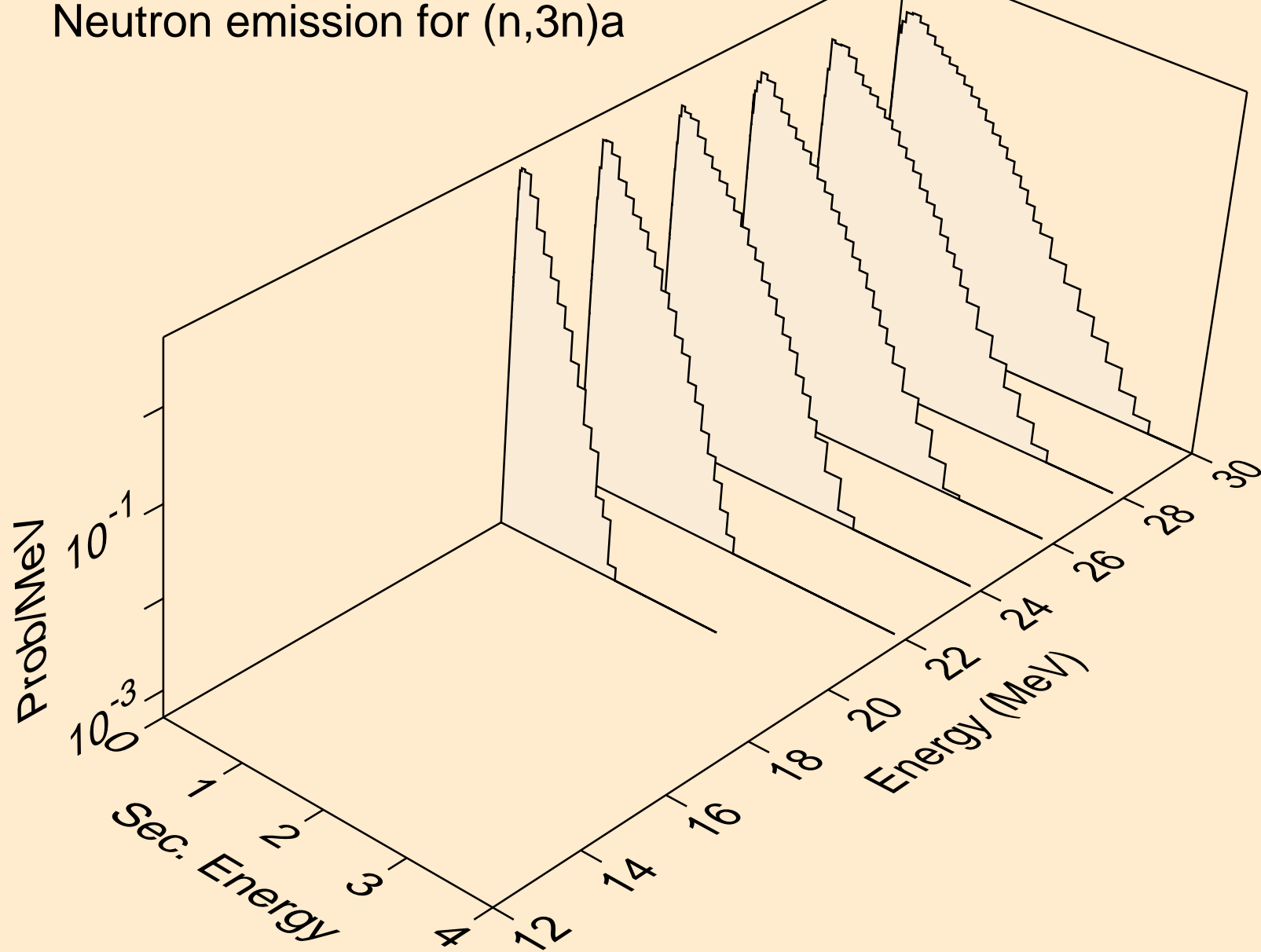
GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



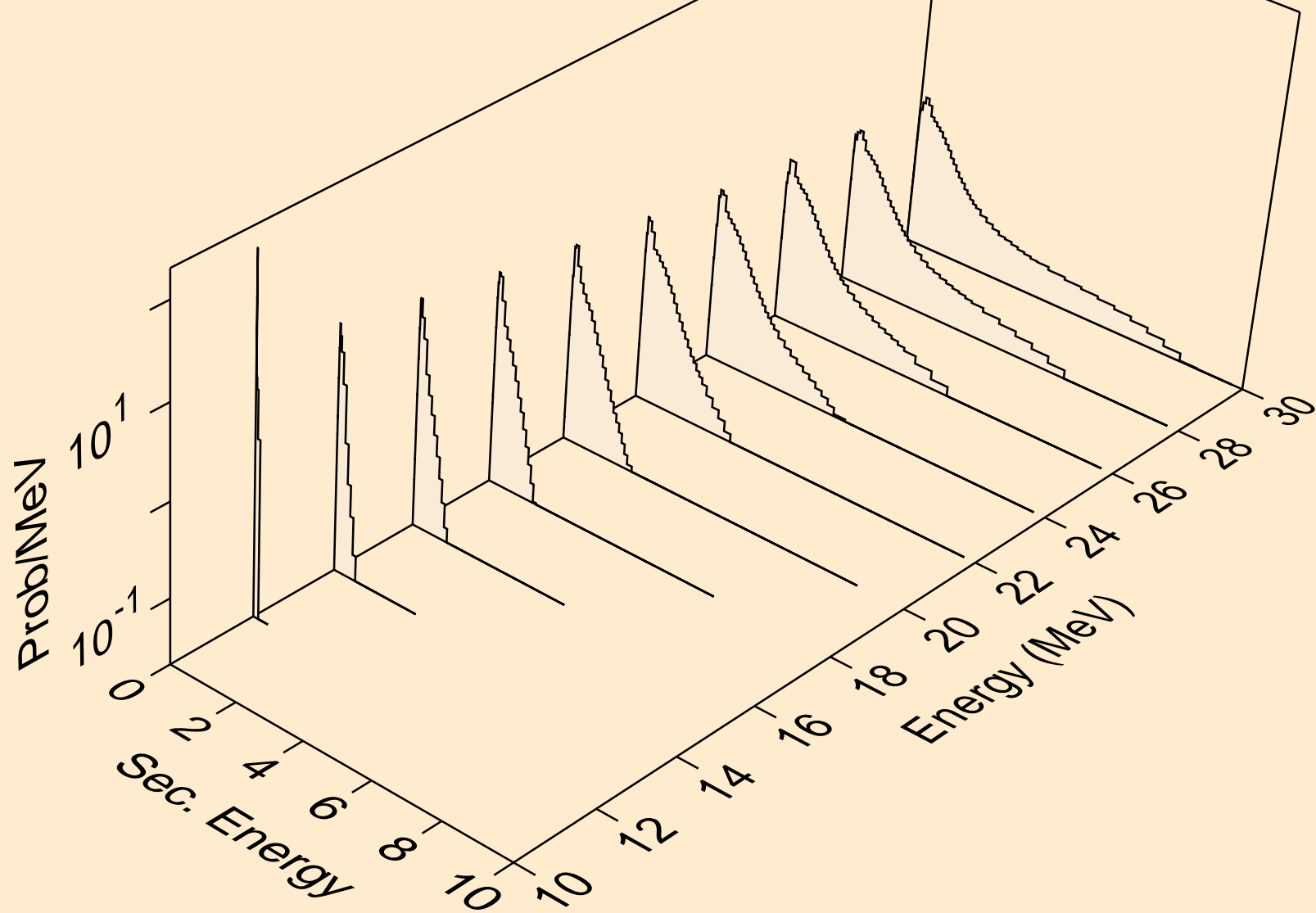
GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



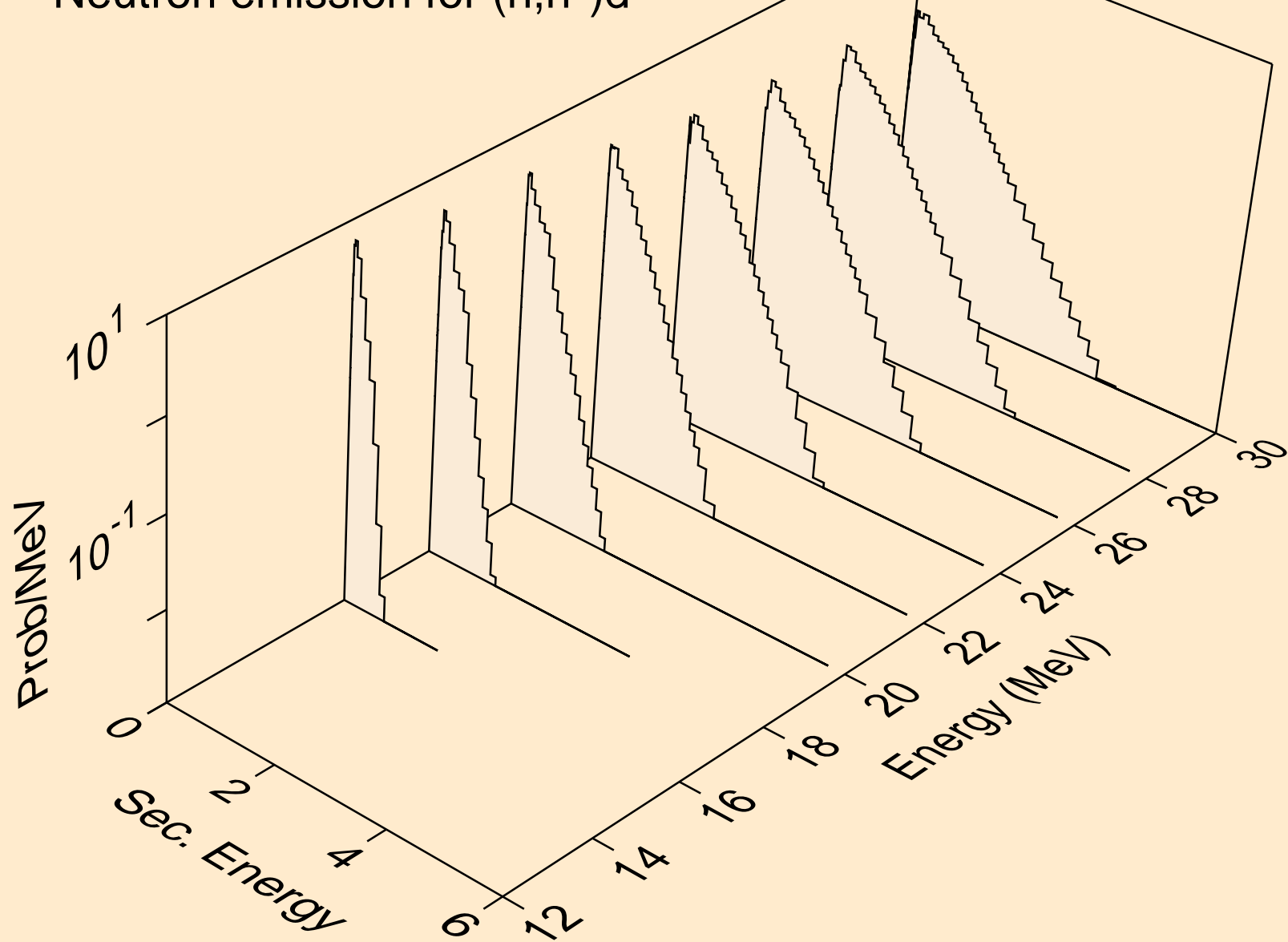
GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



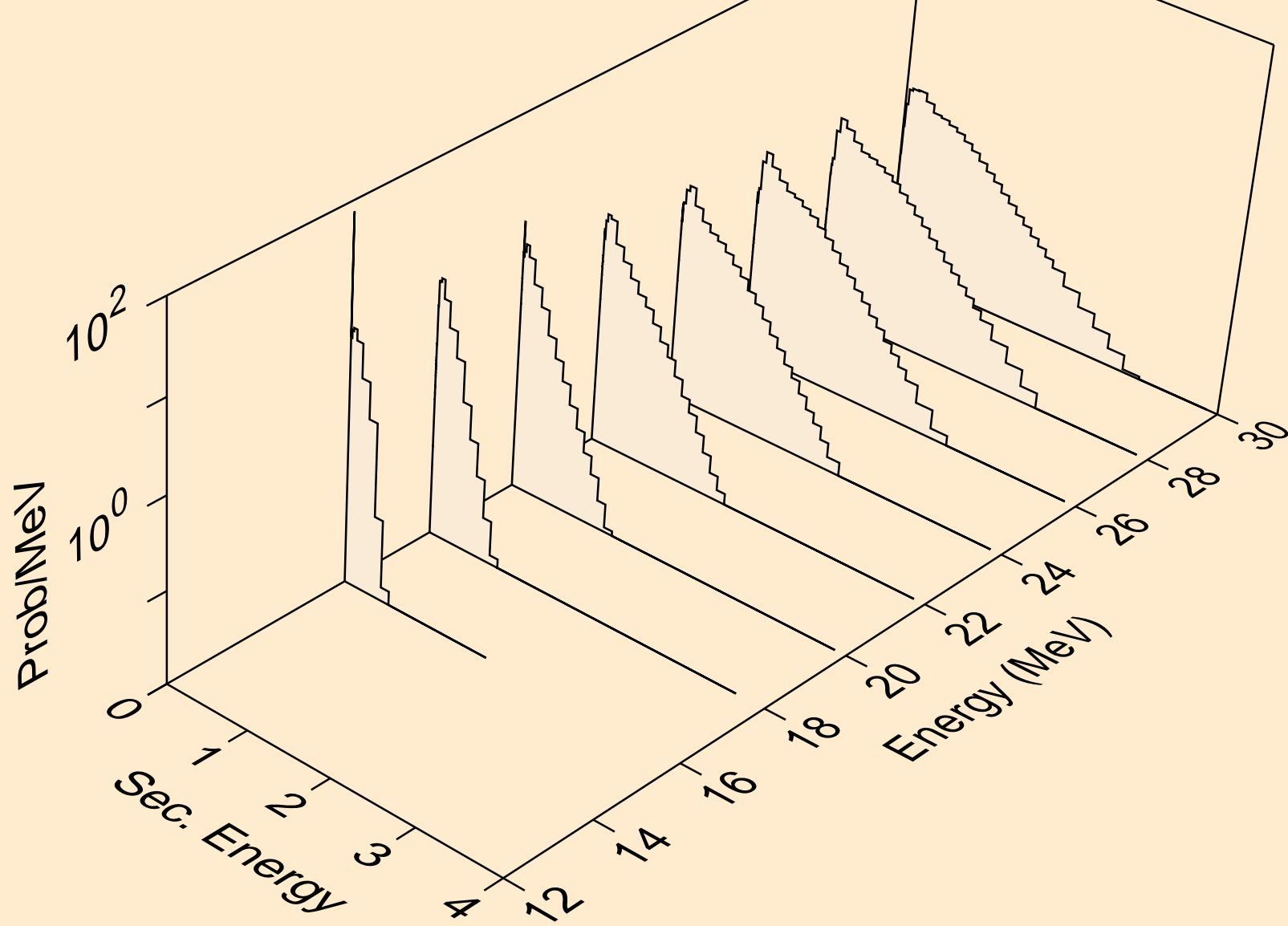
GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



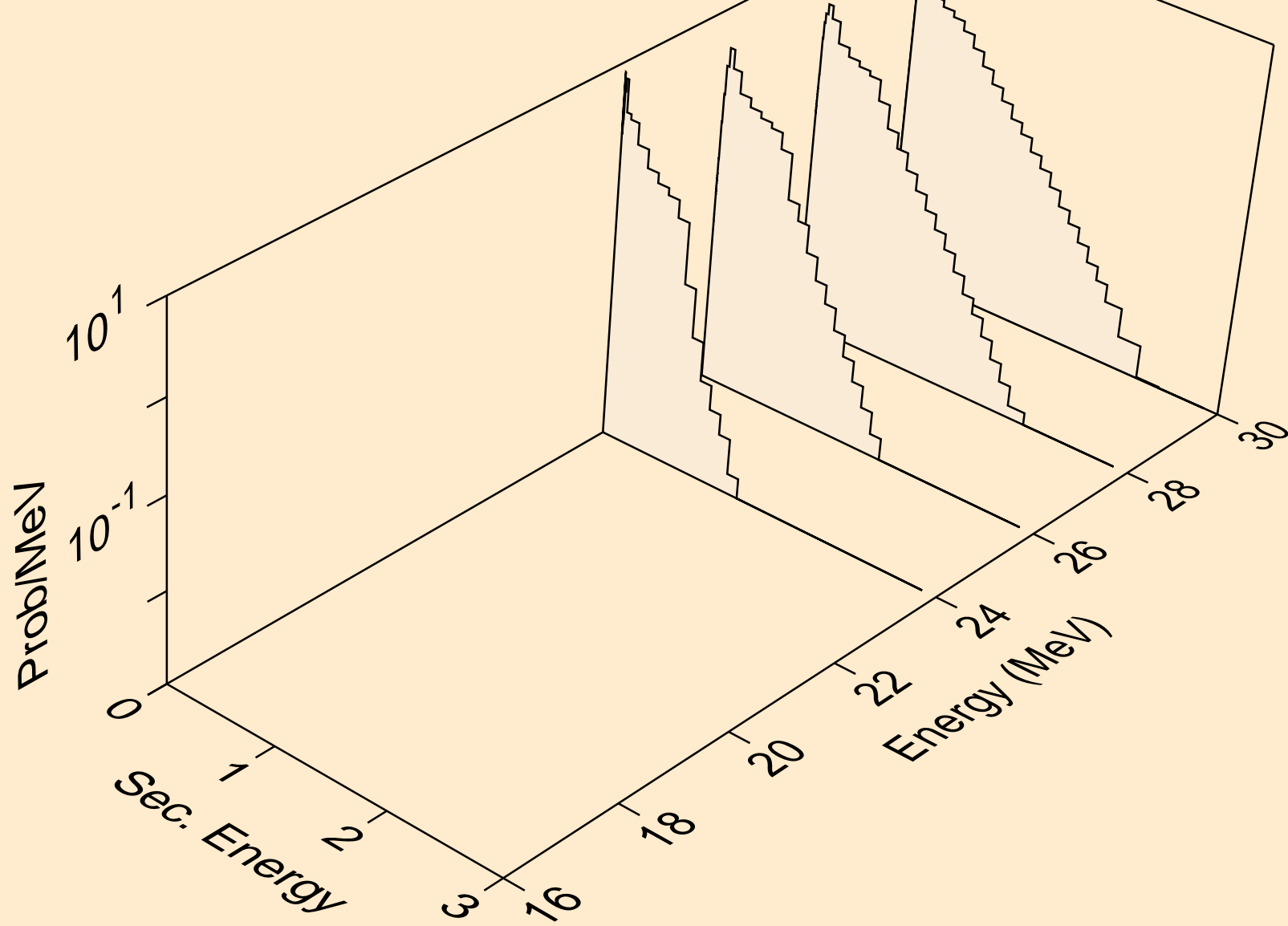
GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t

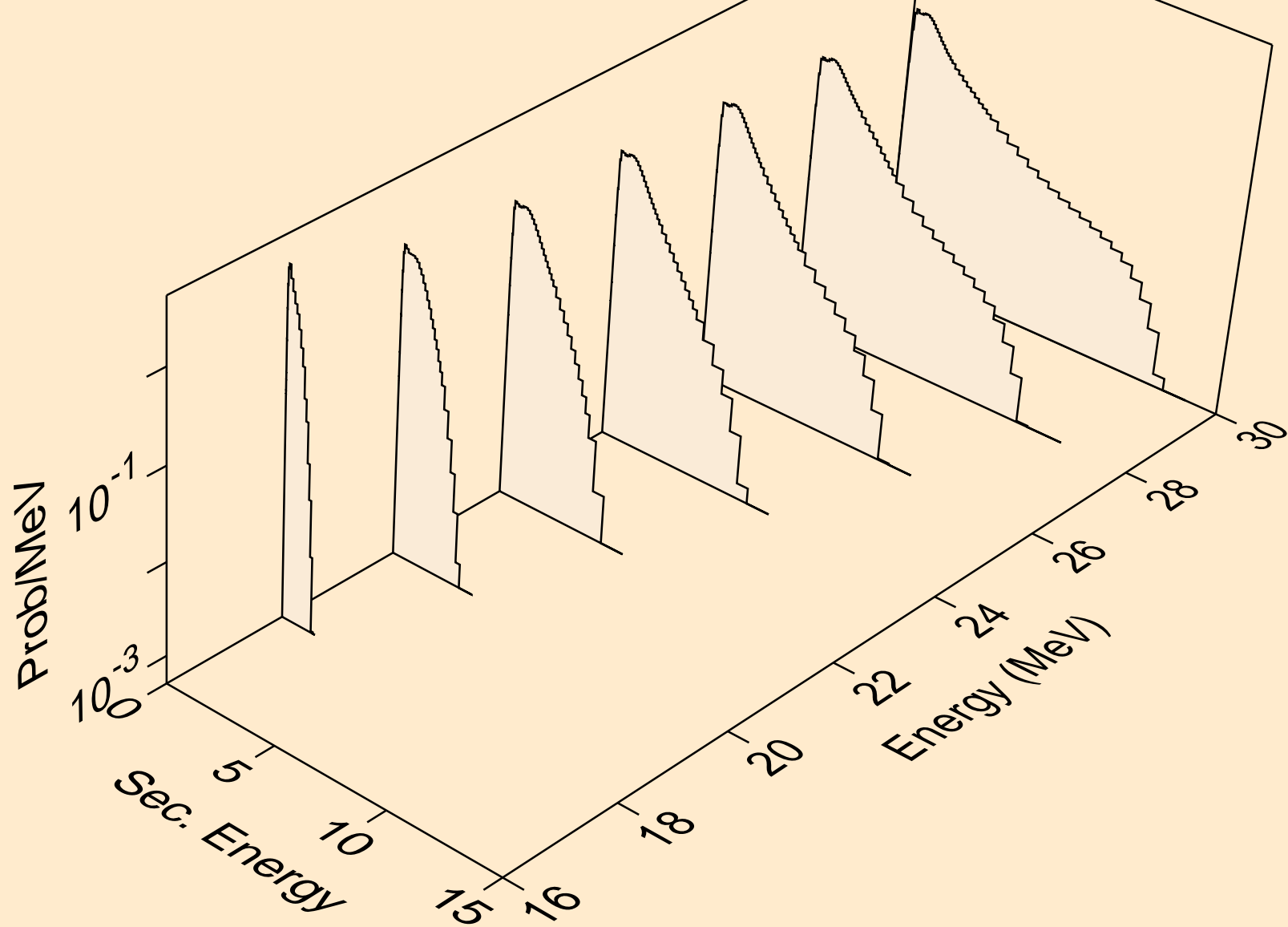


GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3

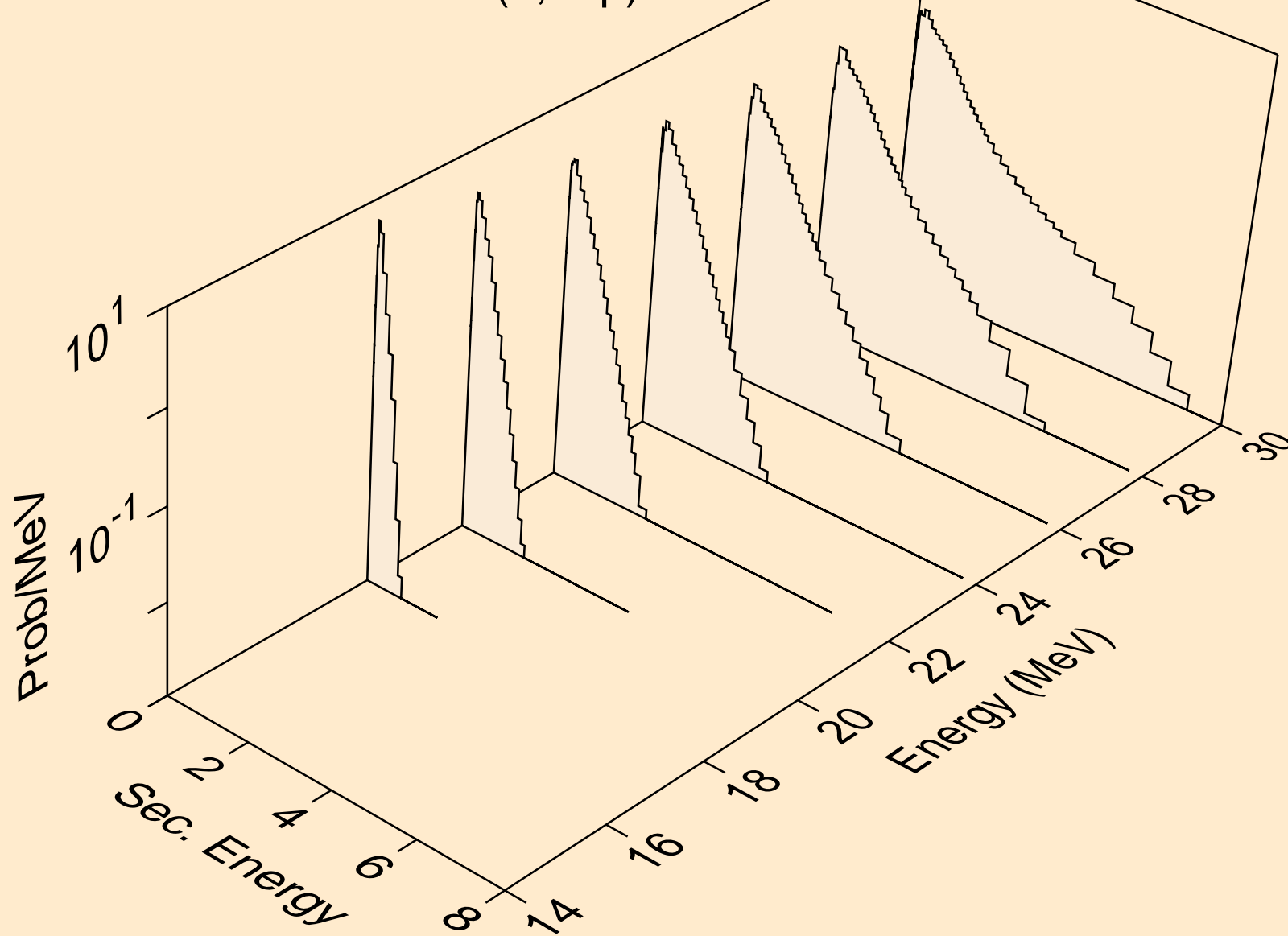




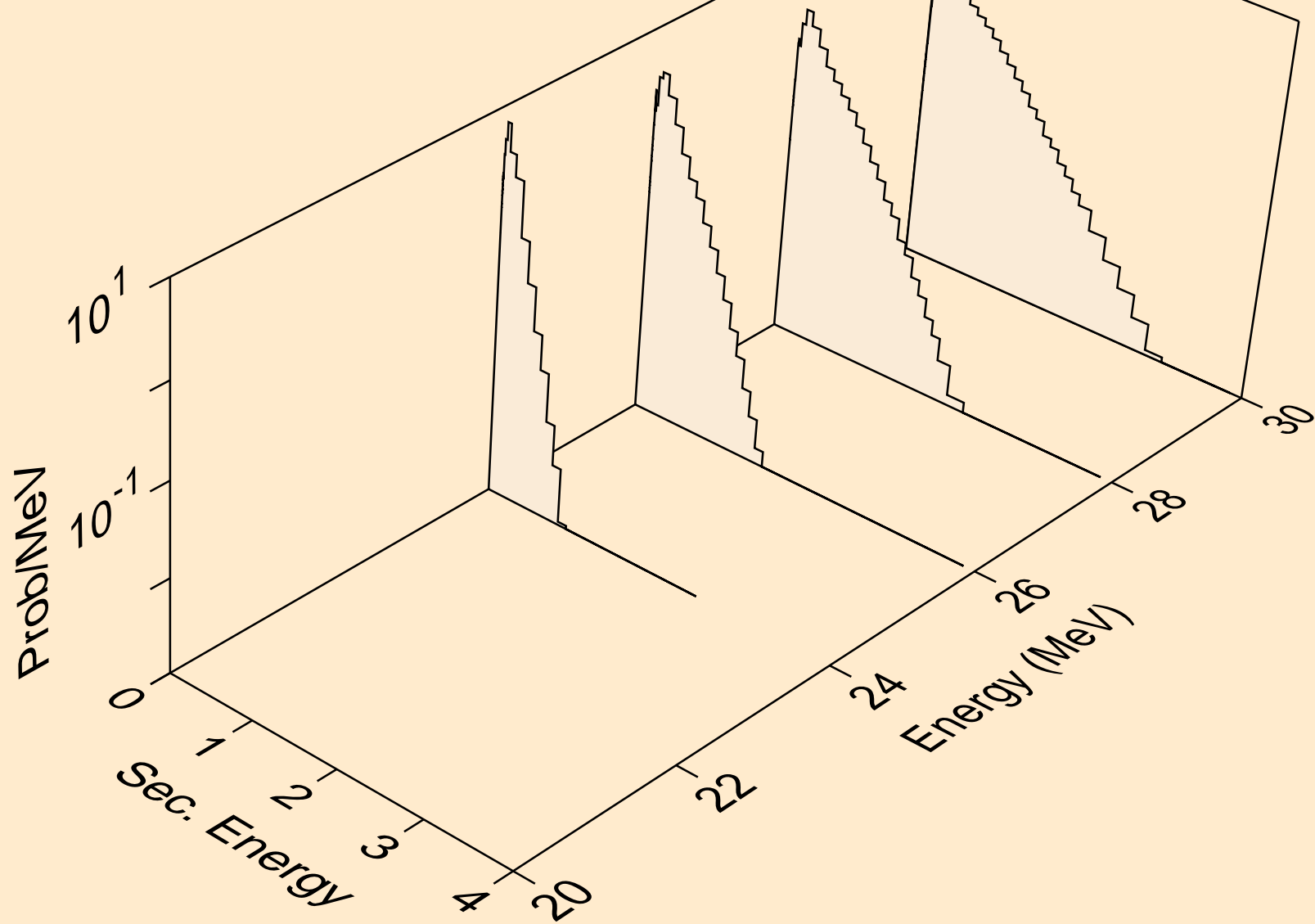
GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)



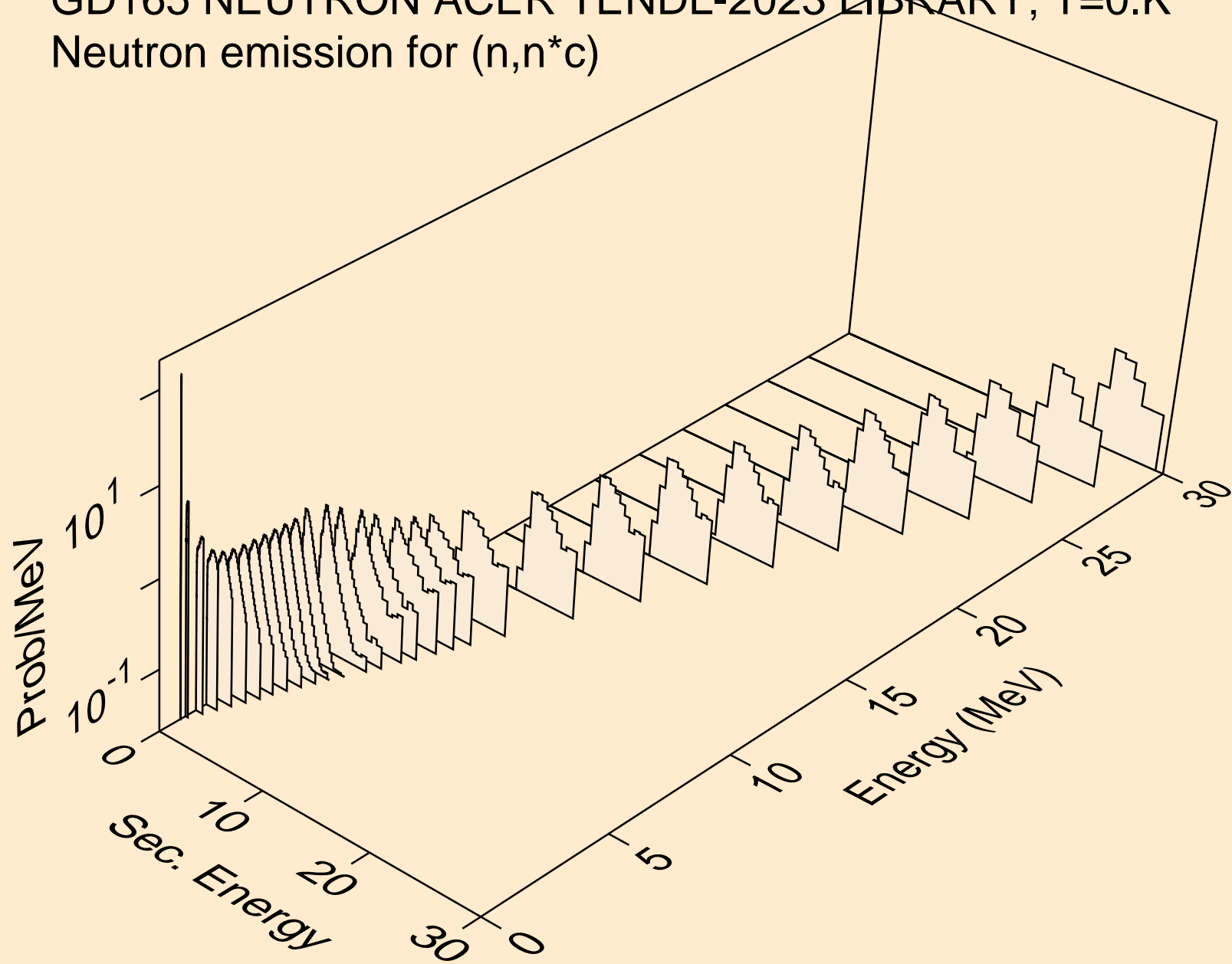
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Neutron emission for (n,2np)



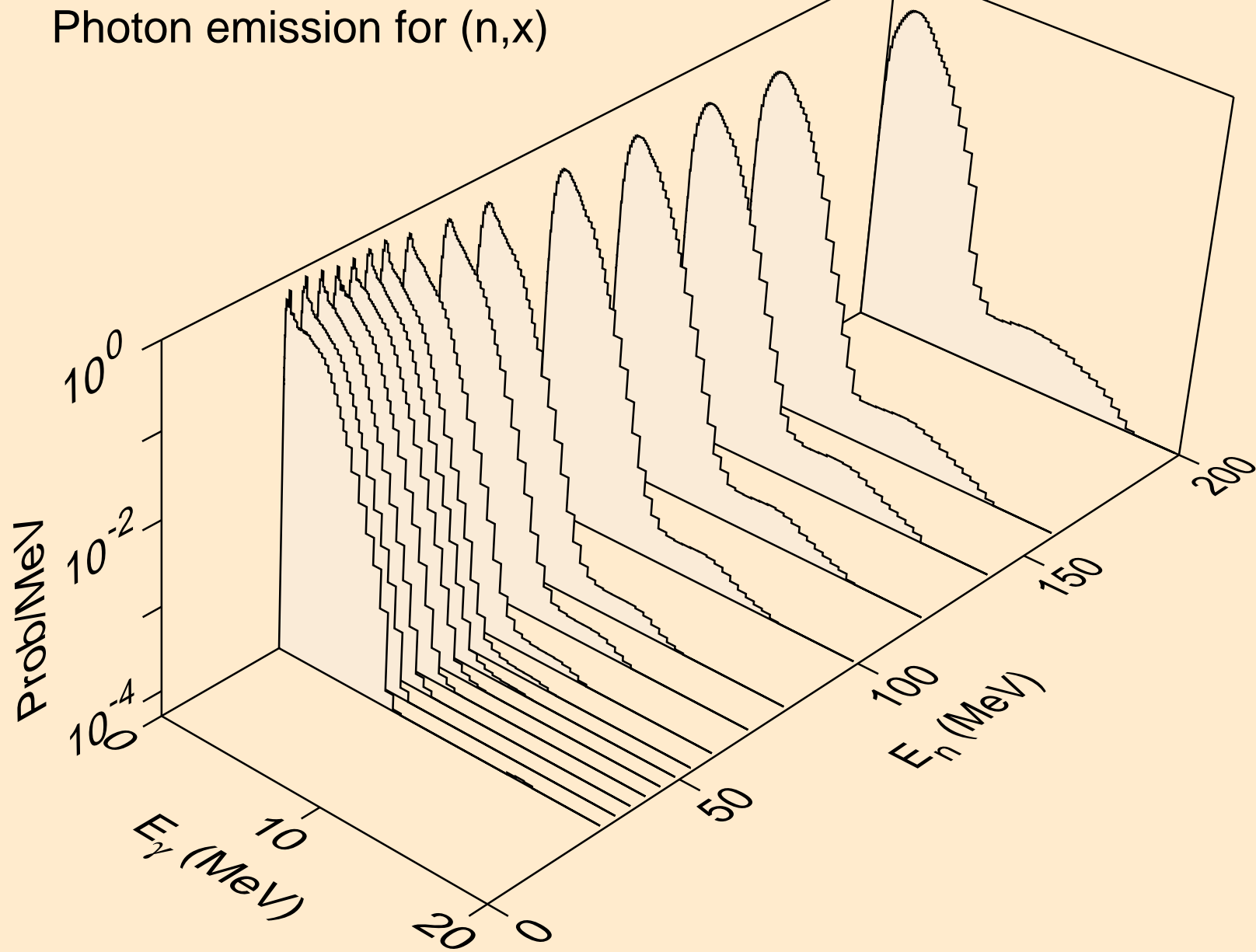
GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3np)



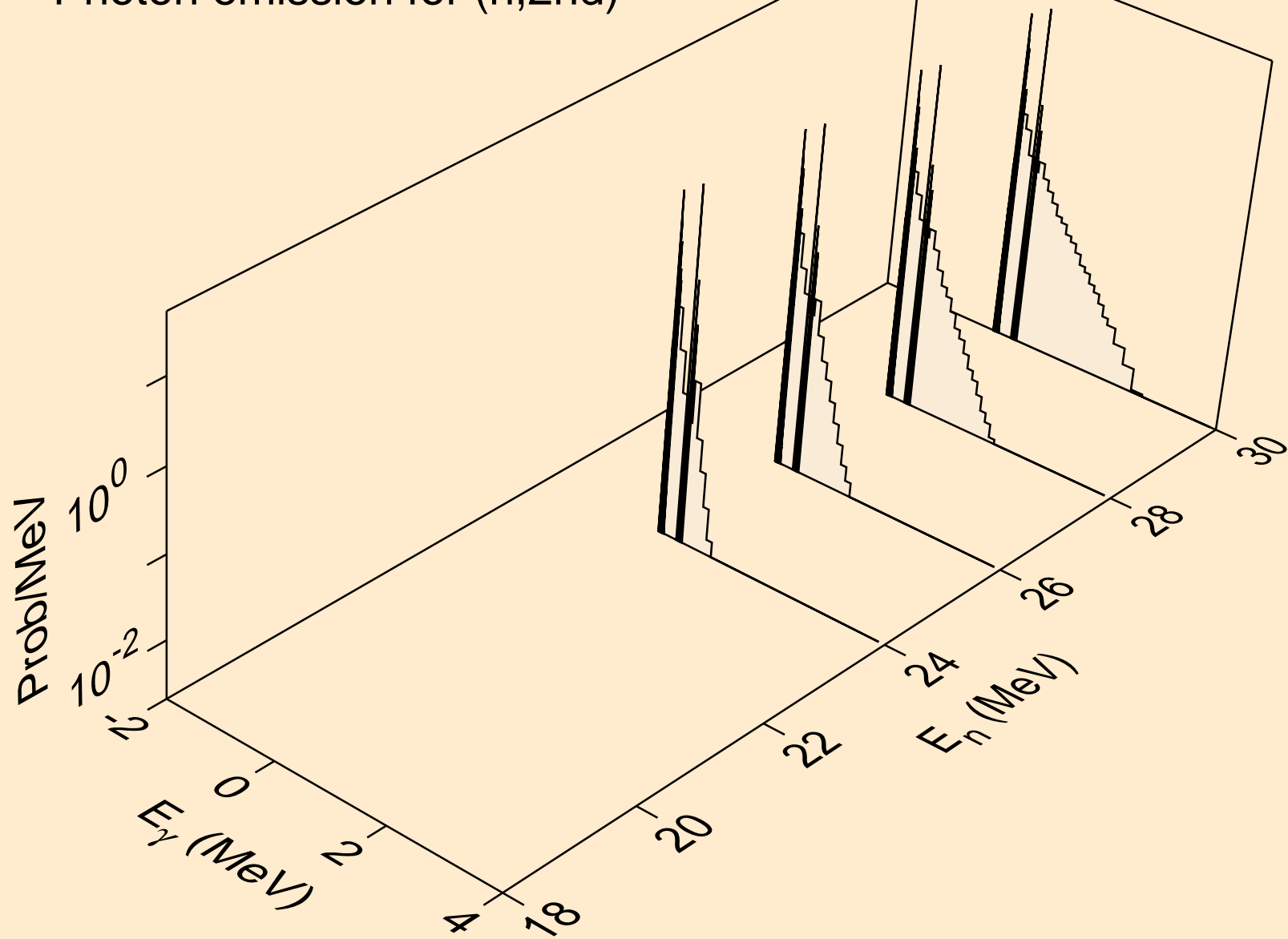
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Neutron emission for (n,n\*c)



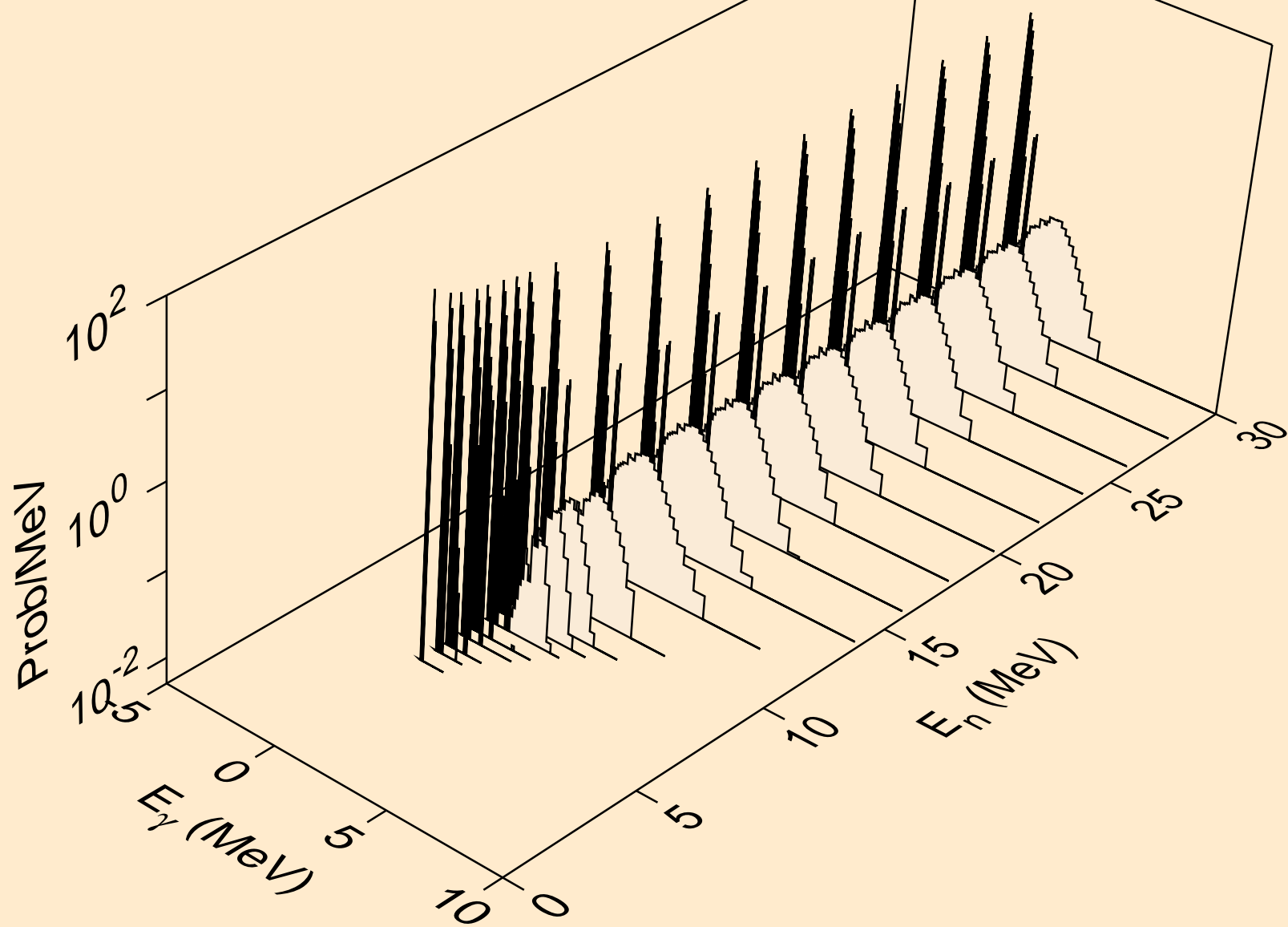
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Photon emission for (n,x)



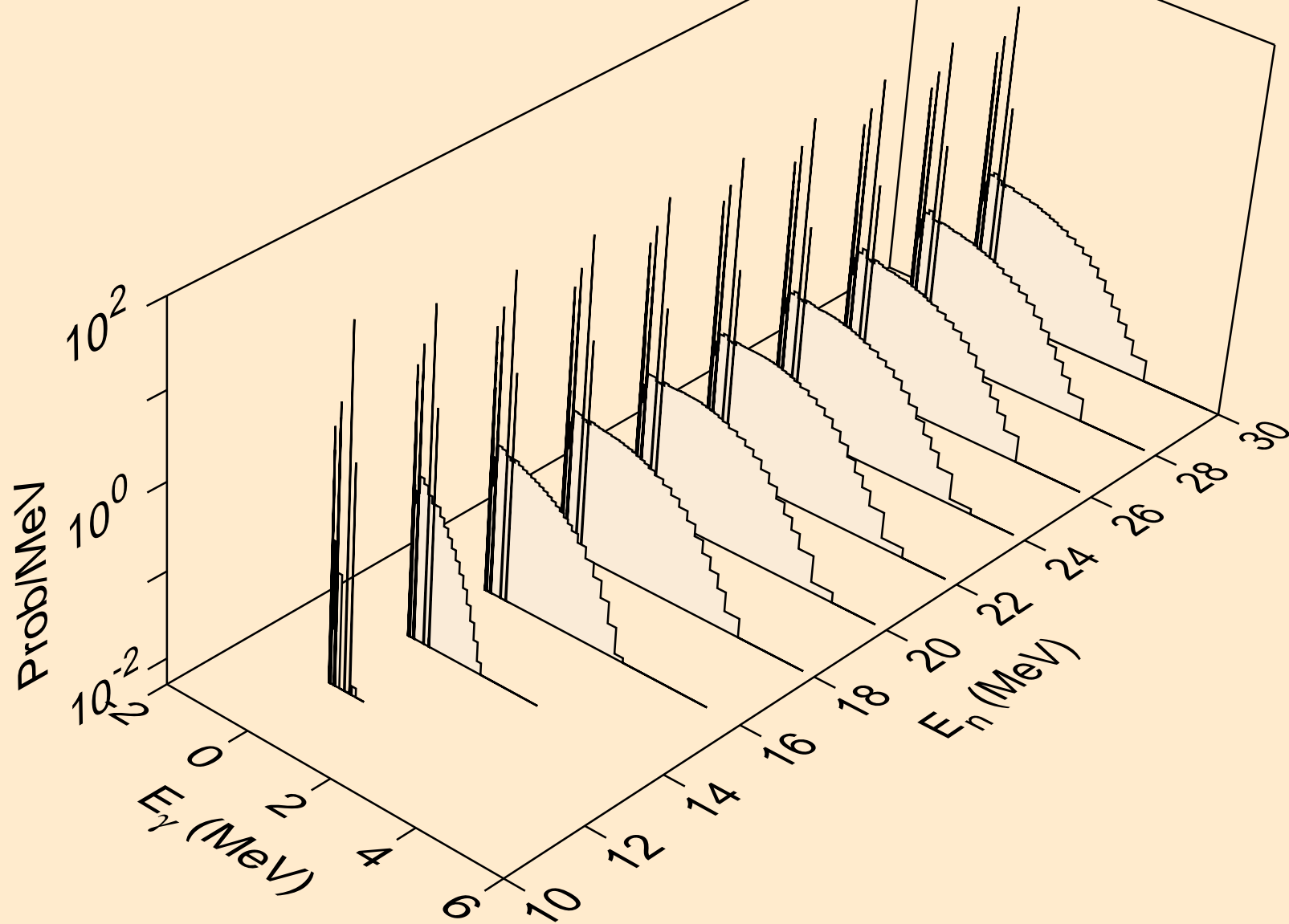
GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

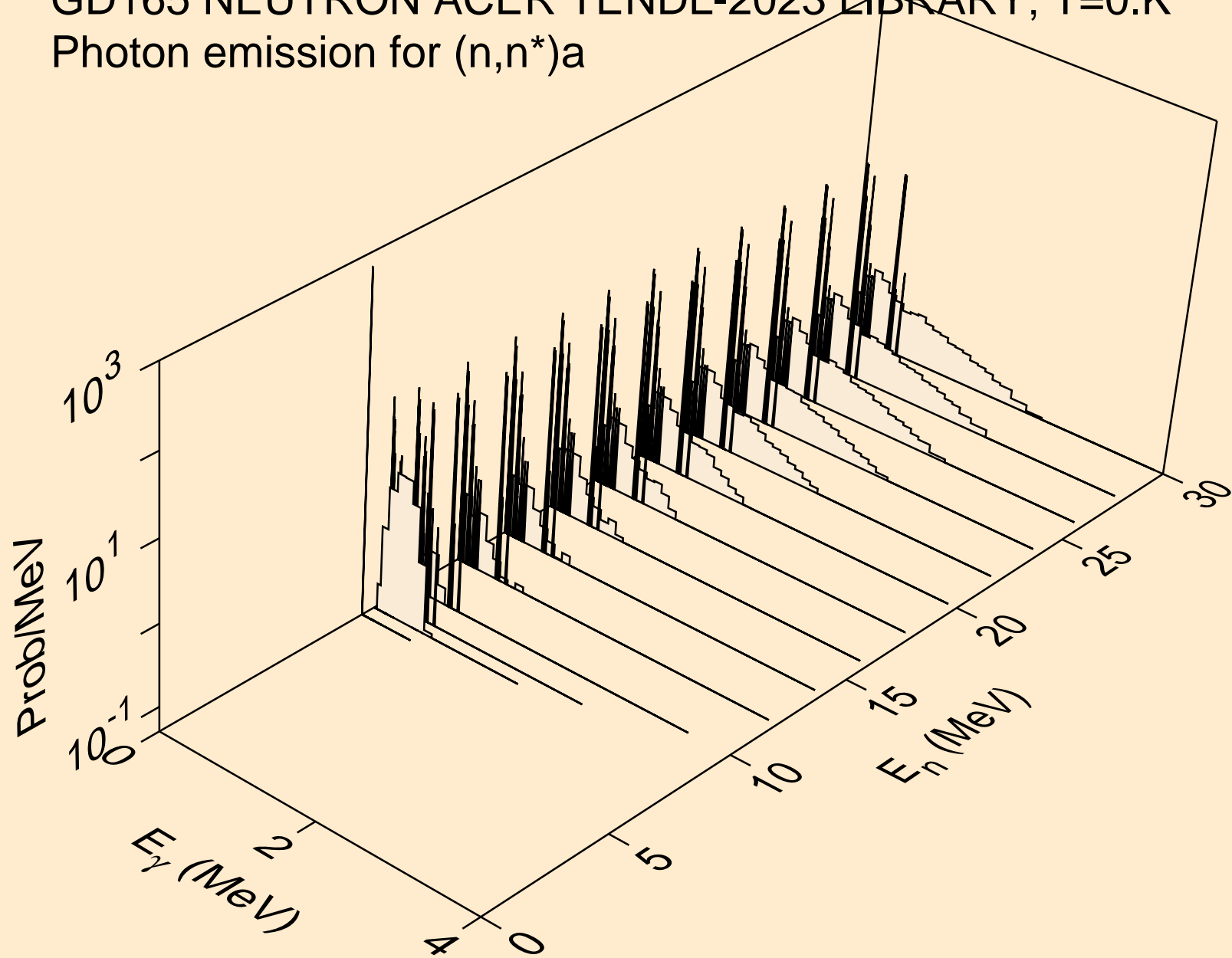


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Photon emission for (n,3n)

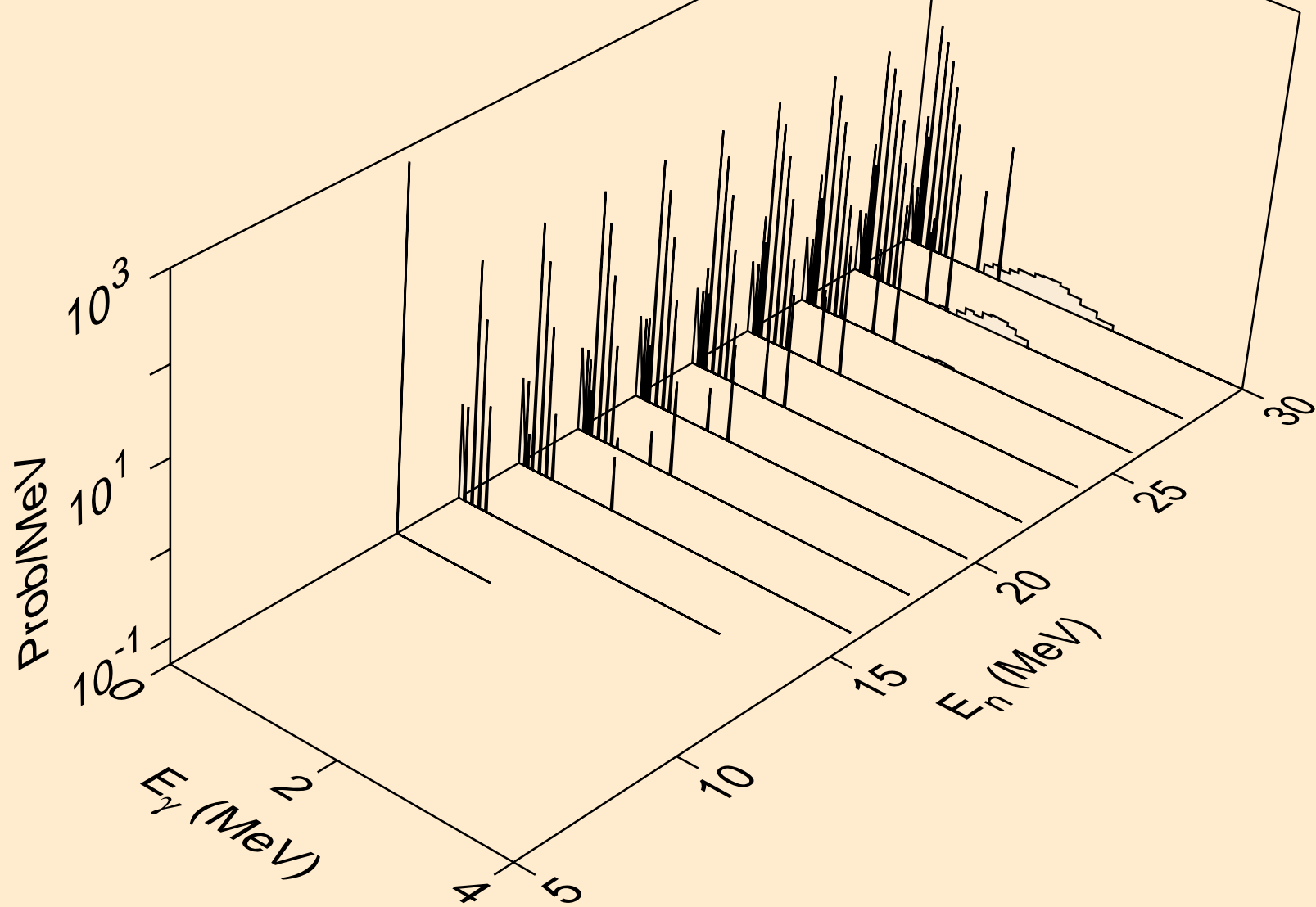




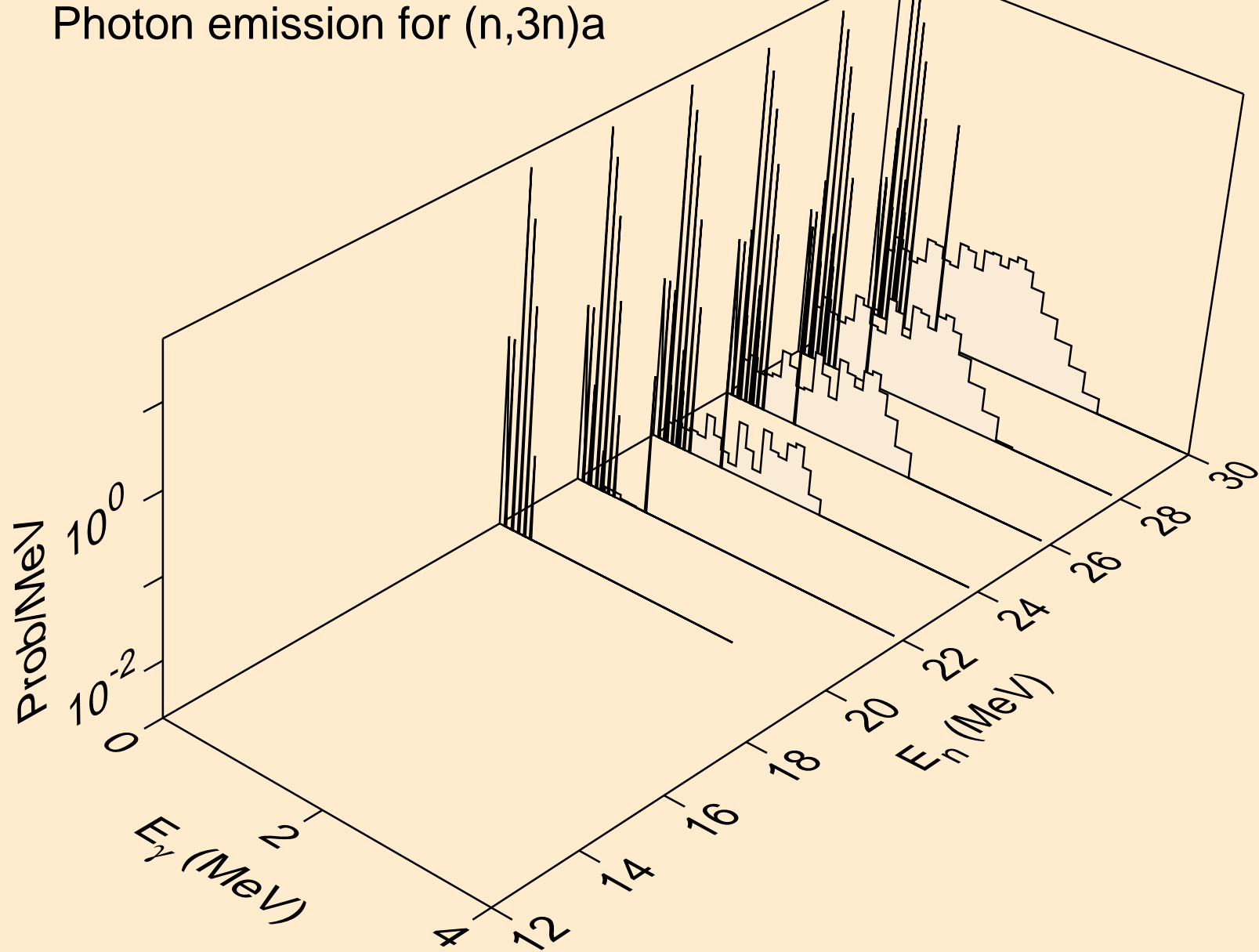
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Photon emission for (n,n\*)a



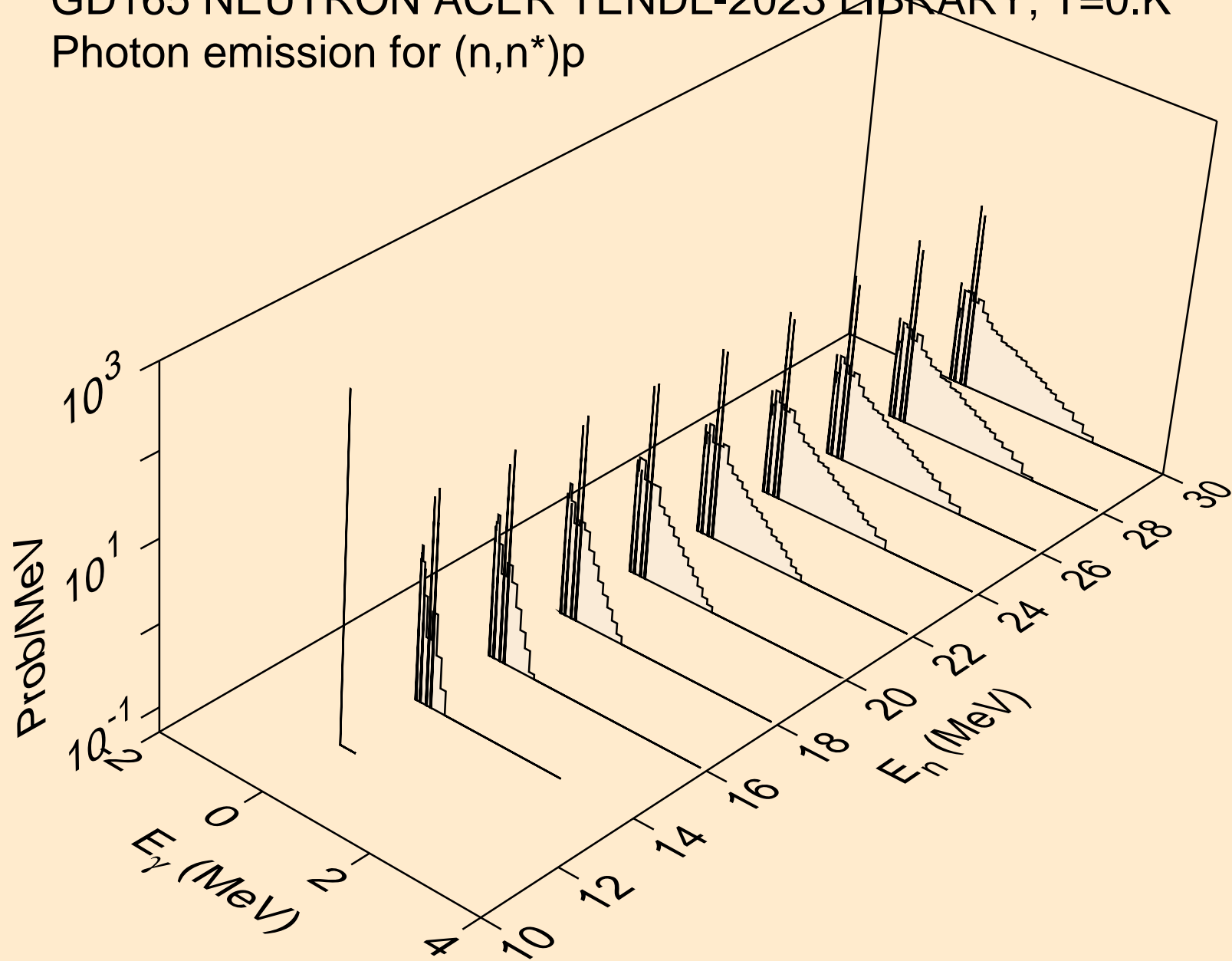
GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



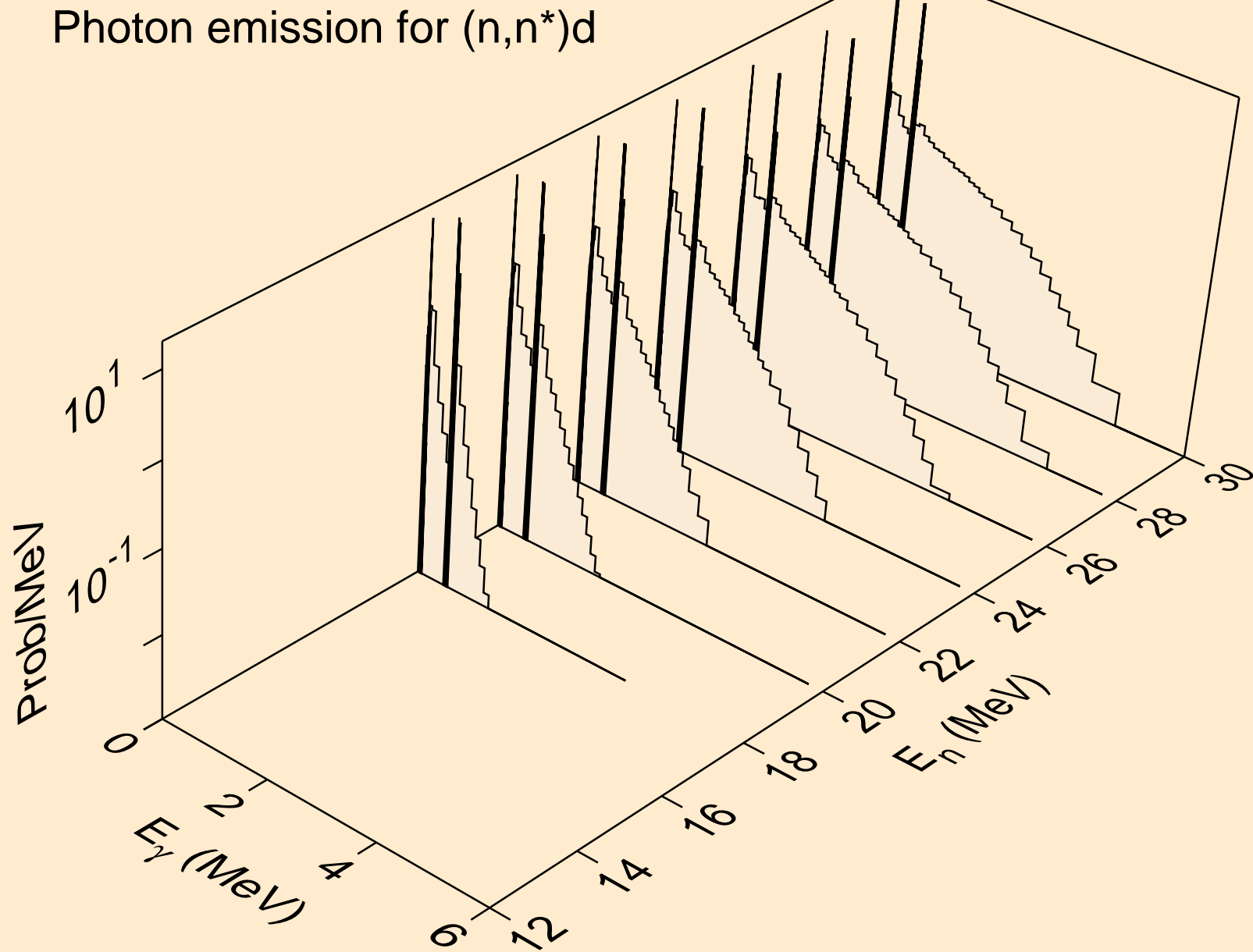
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Photon emission for (n,3n)a



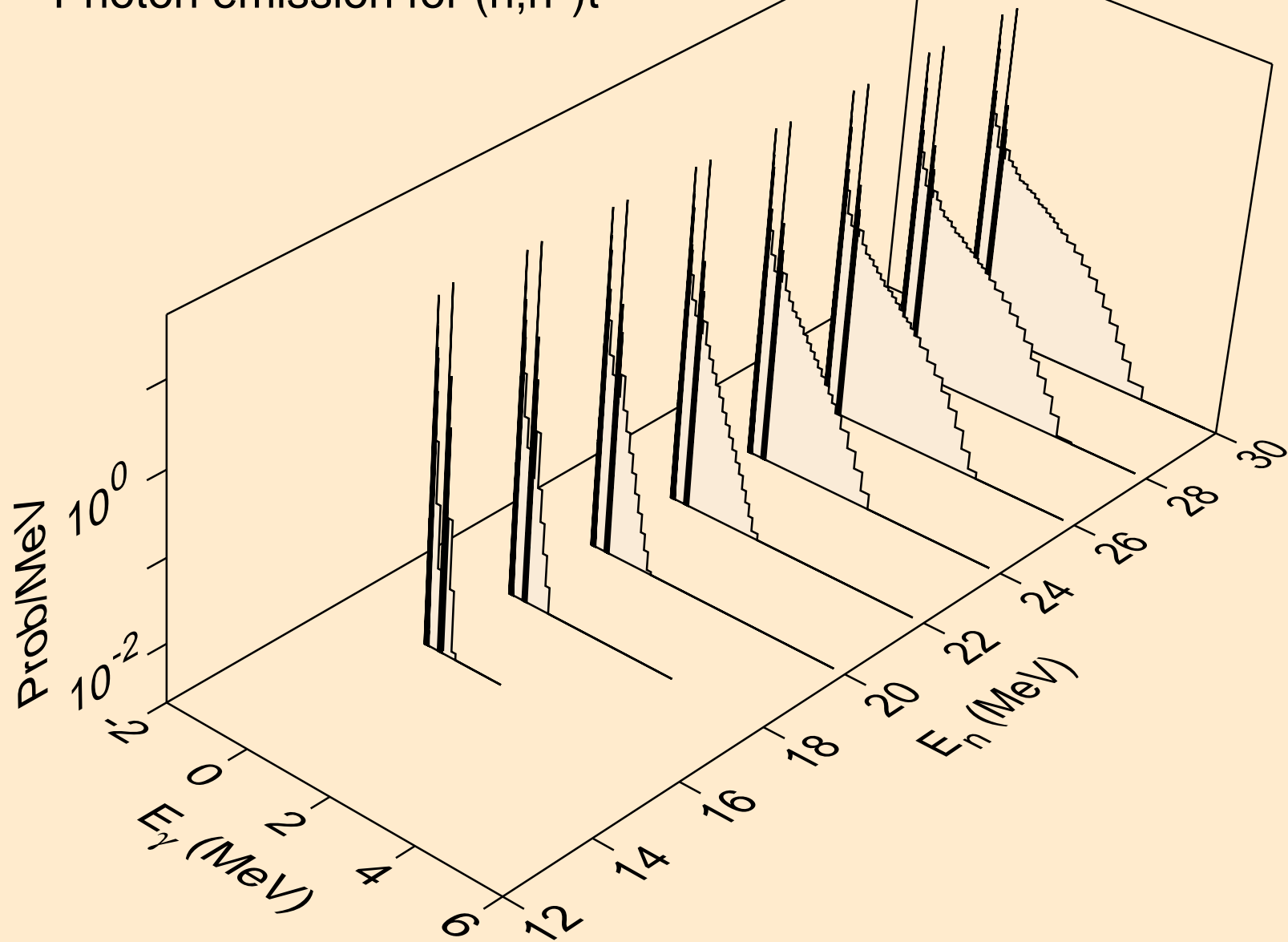
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Photon emission for (n,n\*)p



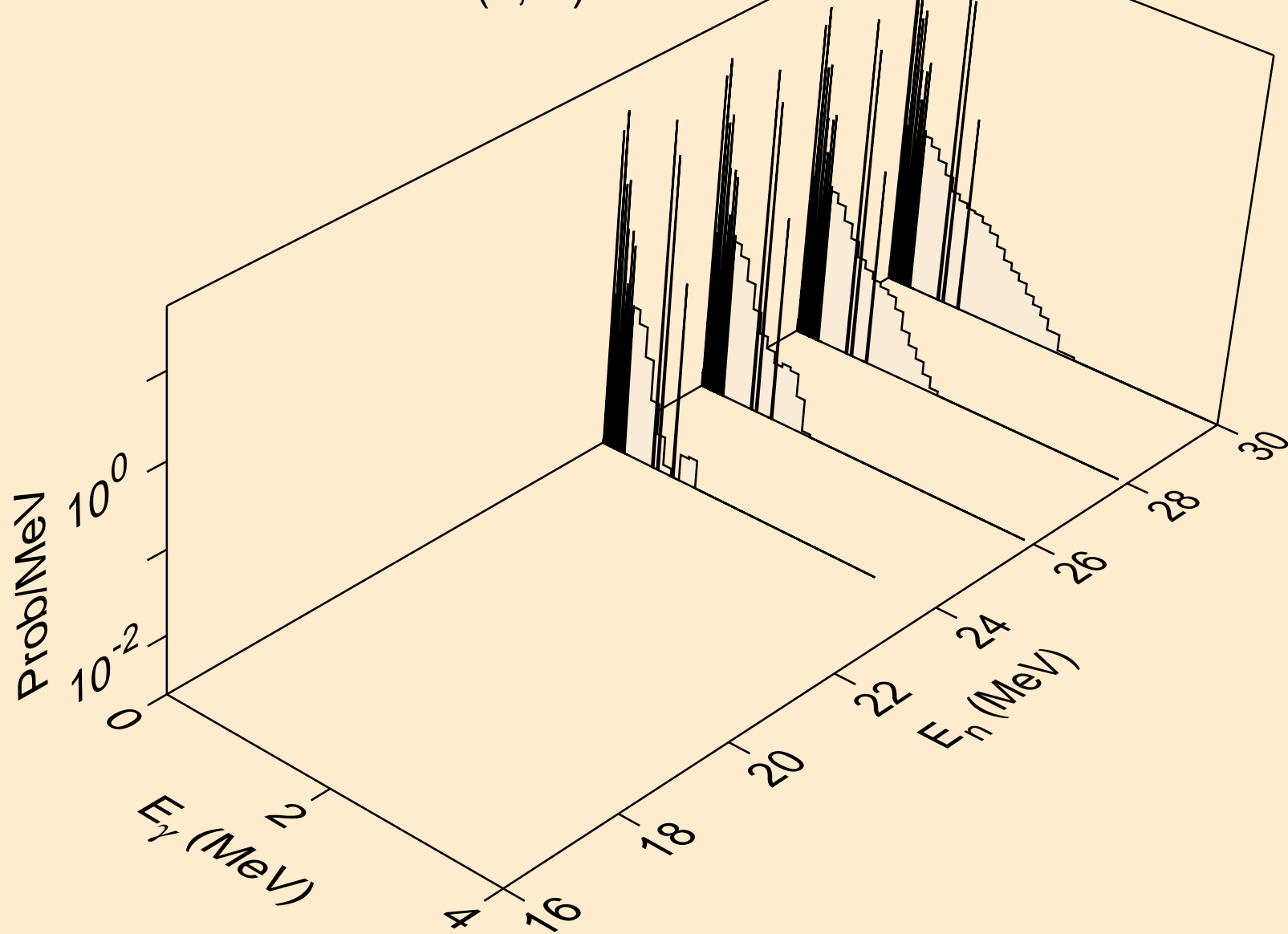
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Photon emission for (n,n\*)d



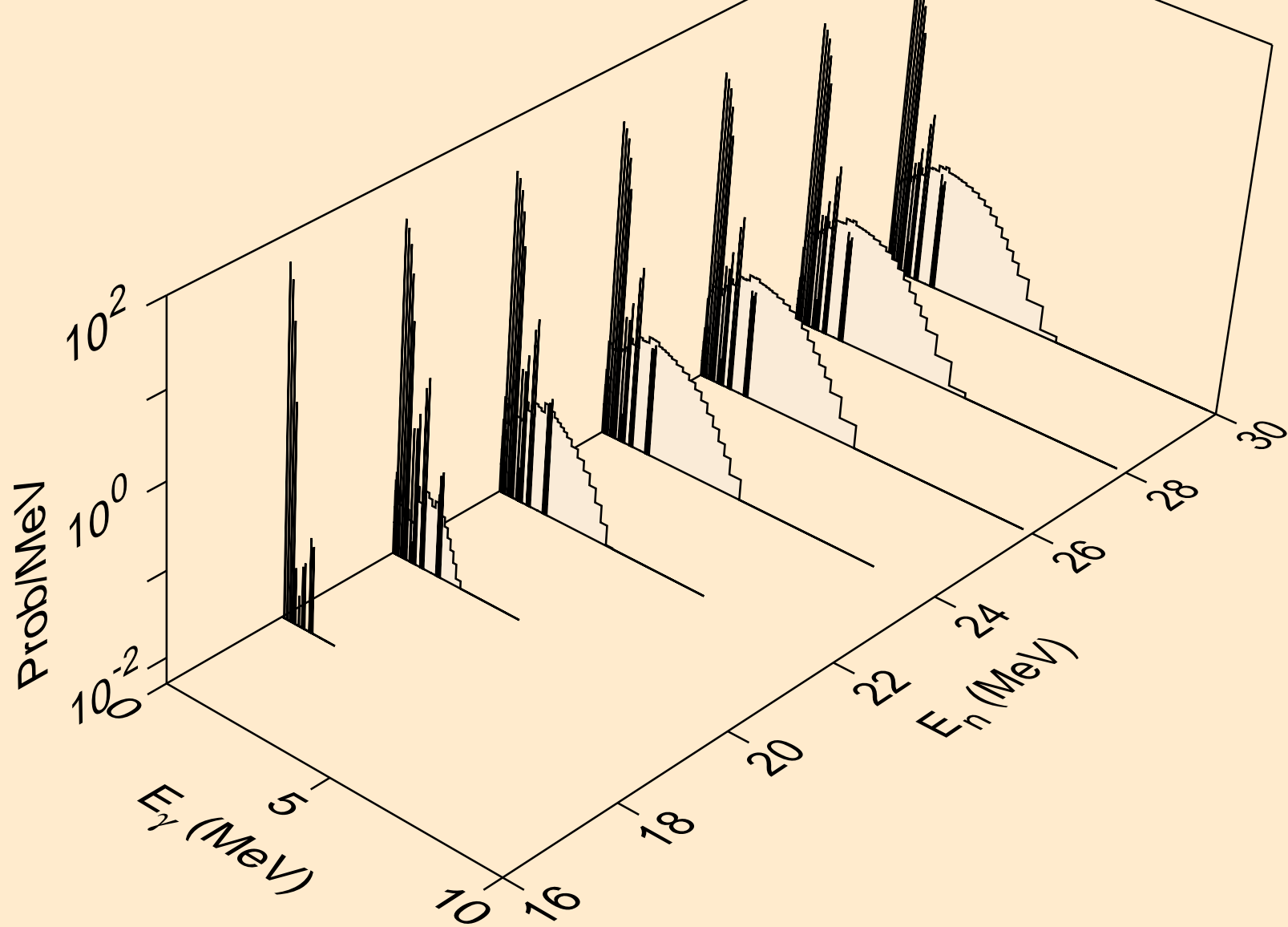
GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

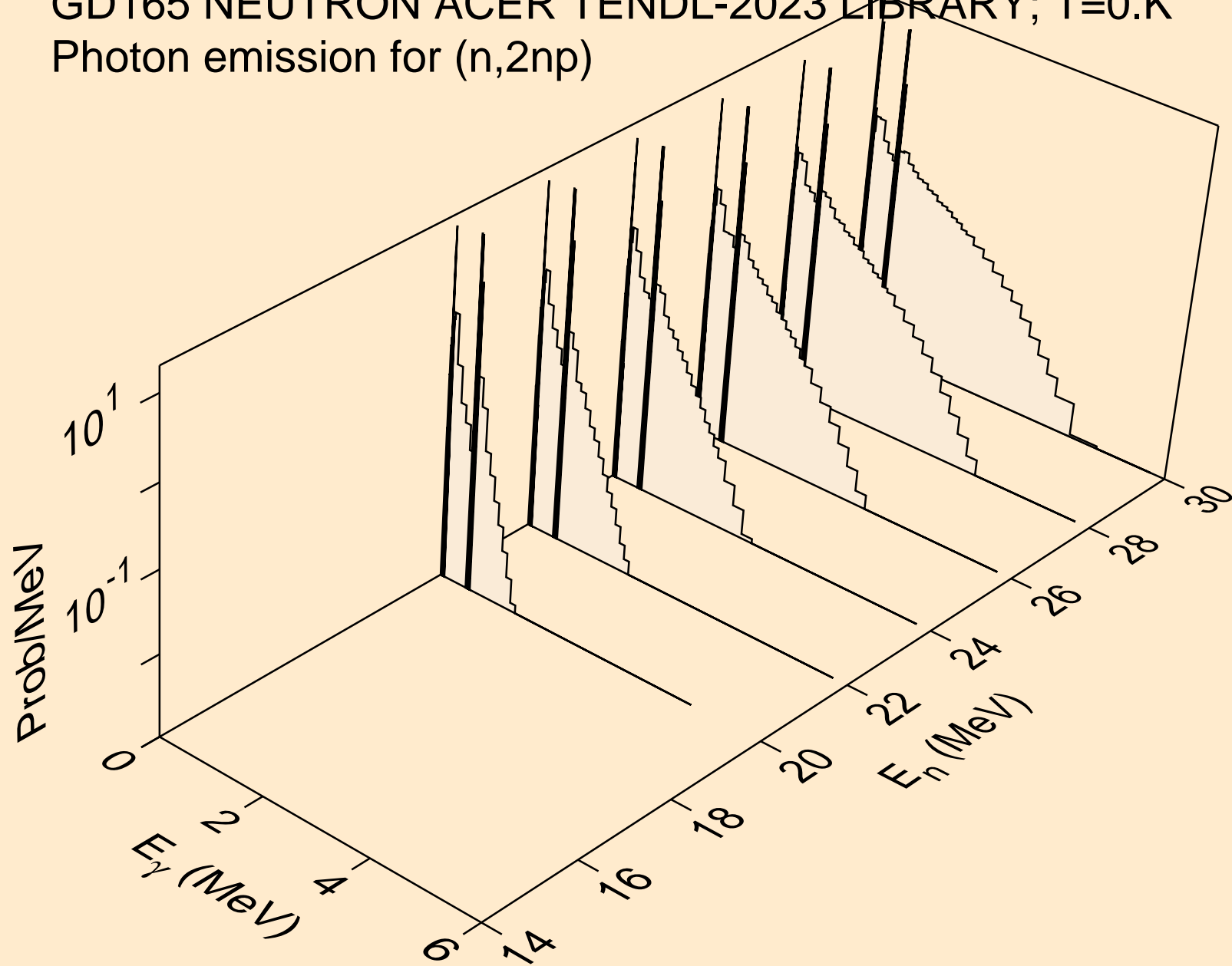


GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)

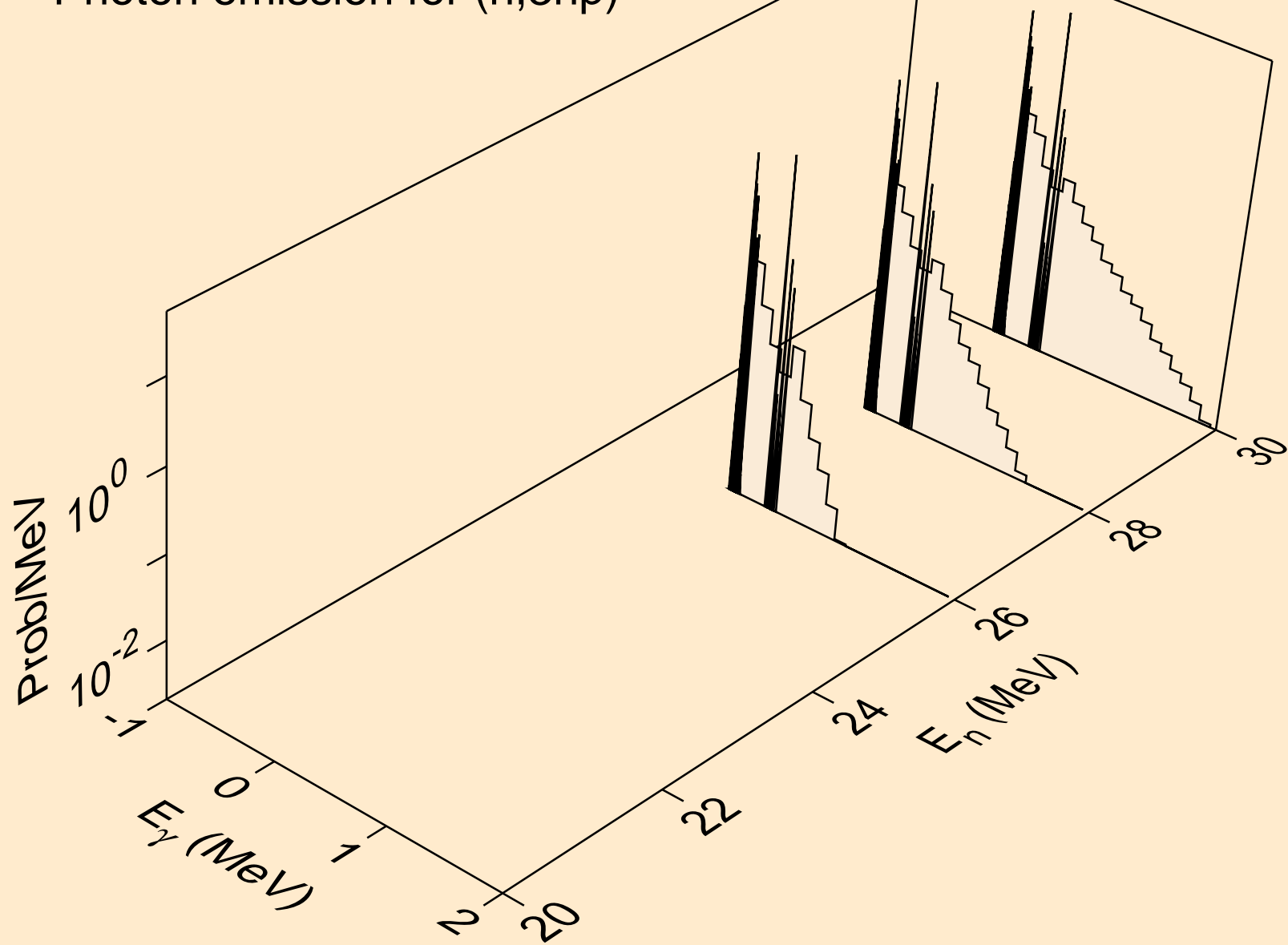




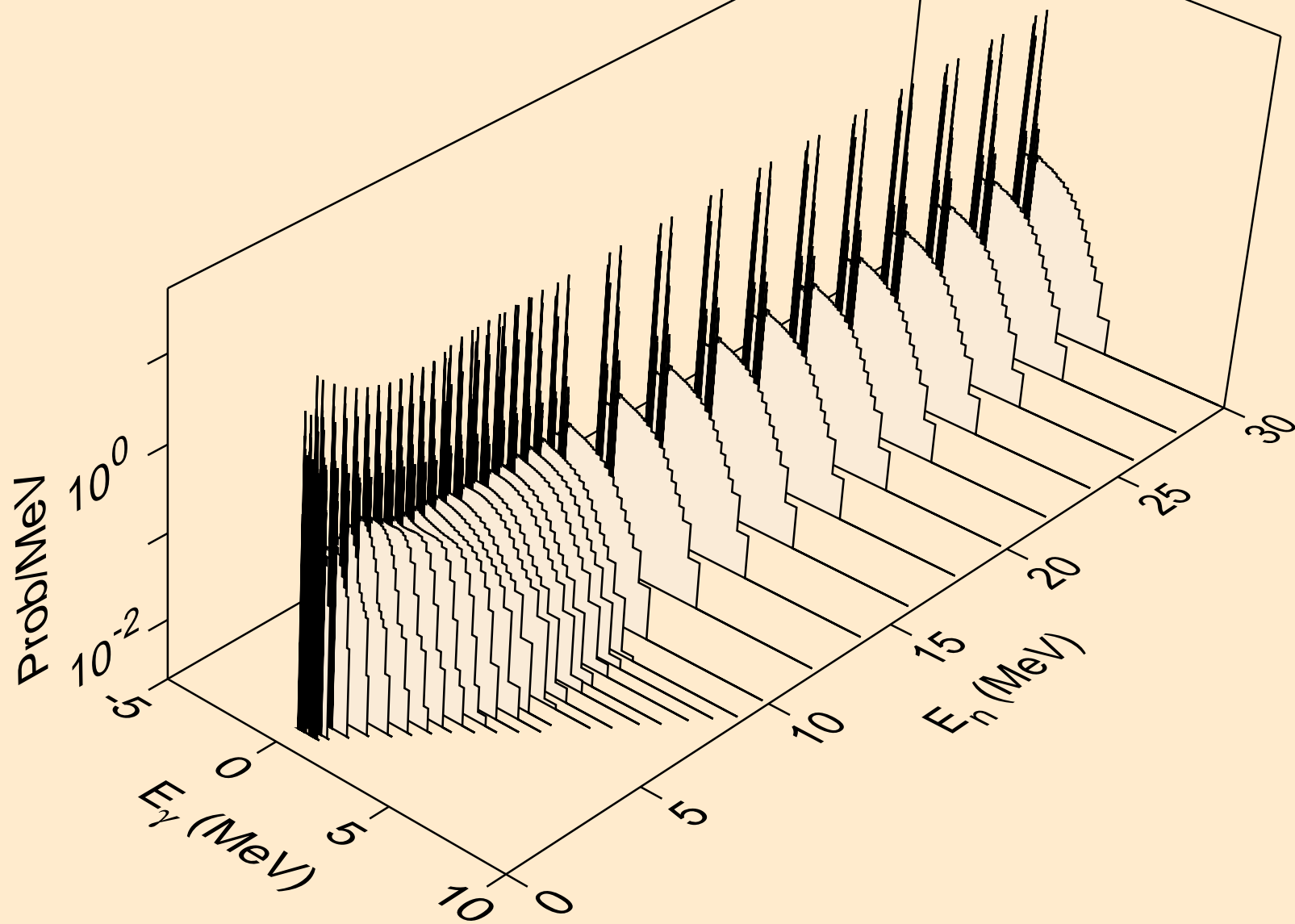
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Photon emission for (n,2np)



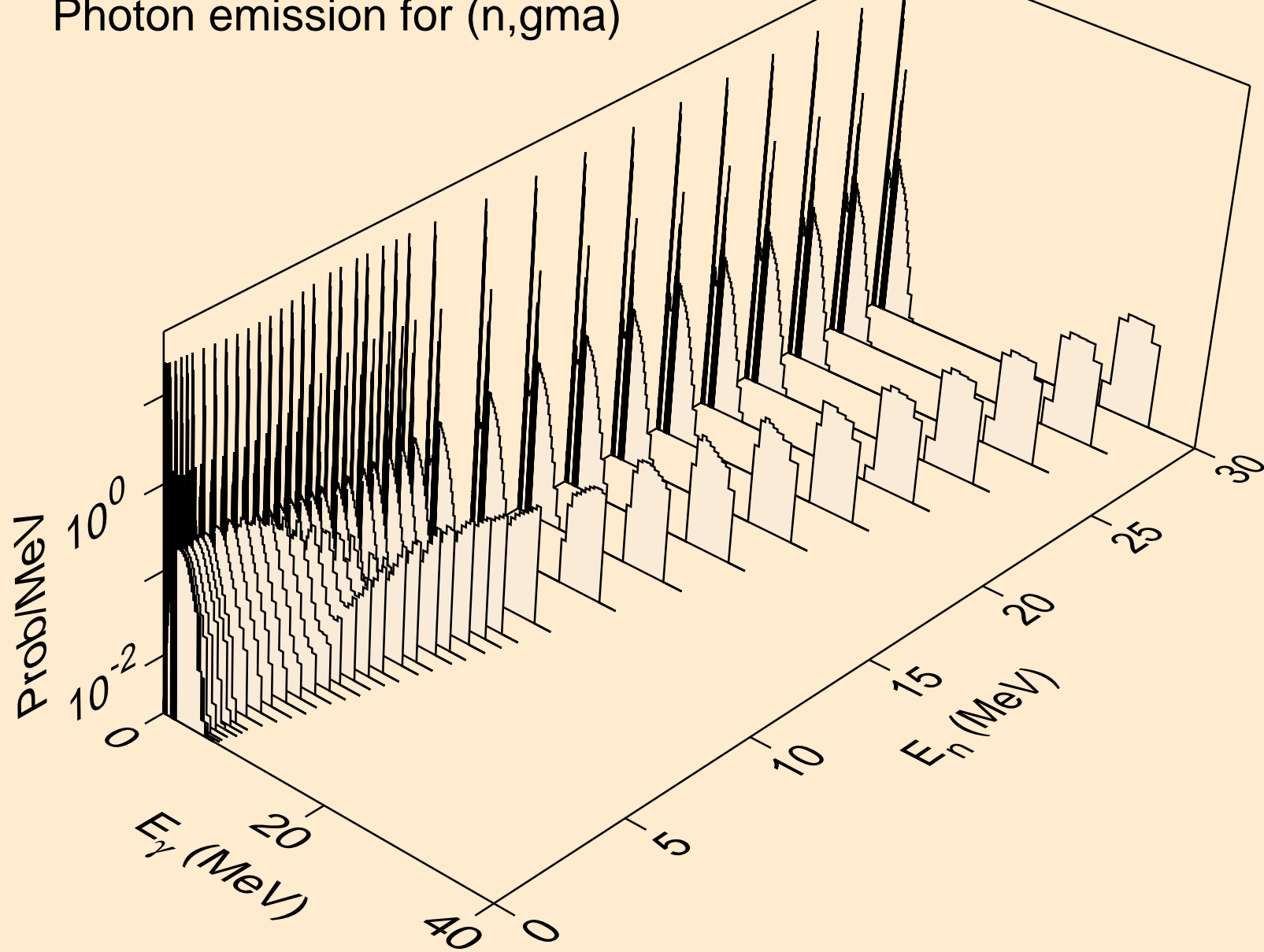
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Photon emission for (n,3np)



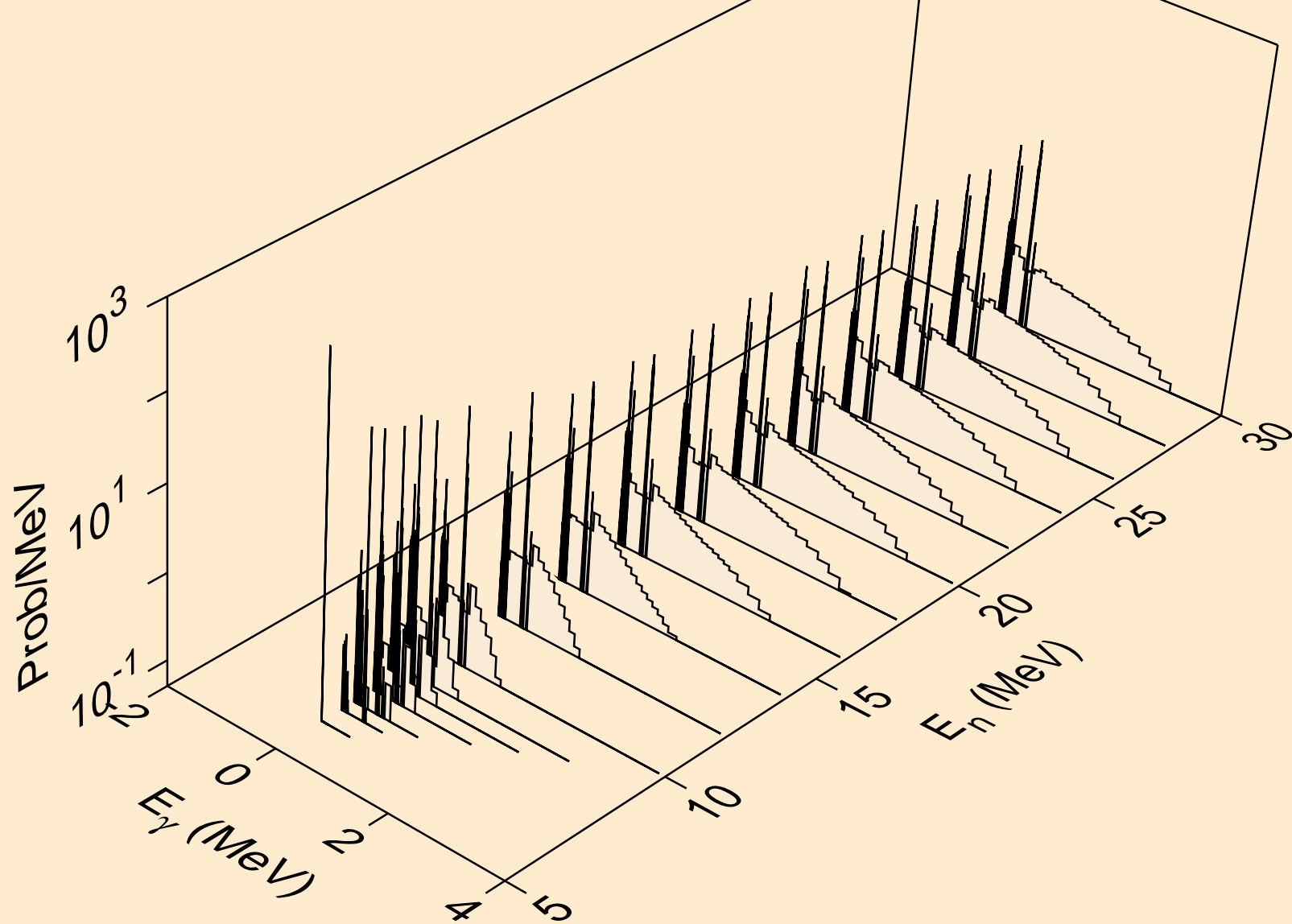
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Photon emission for (n,n\*c)



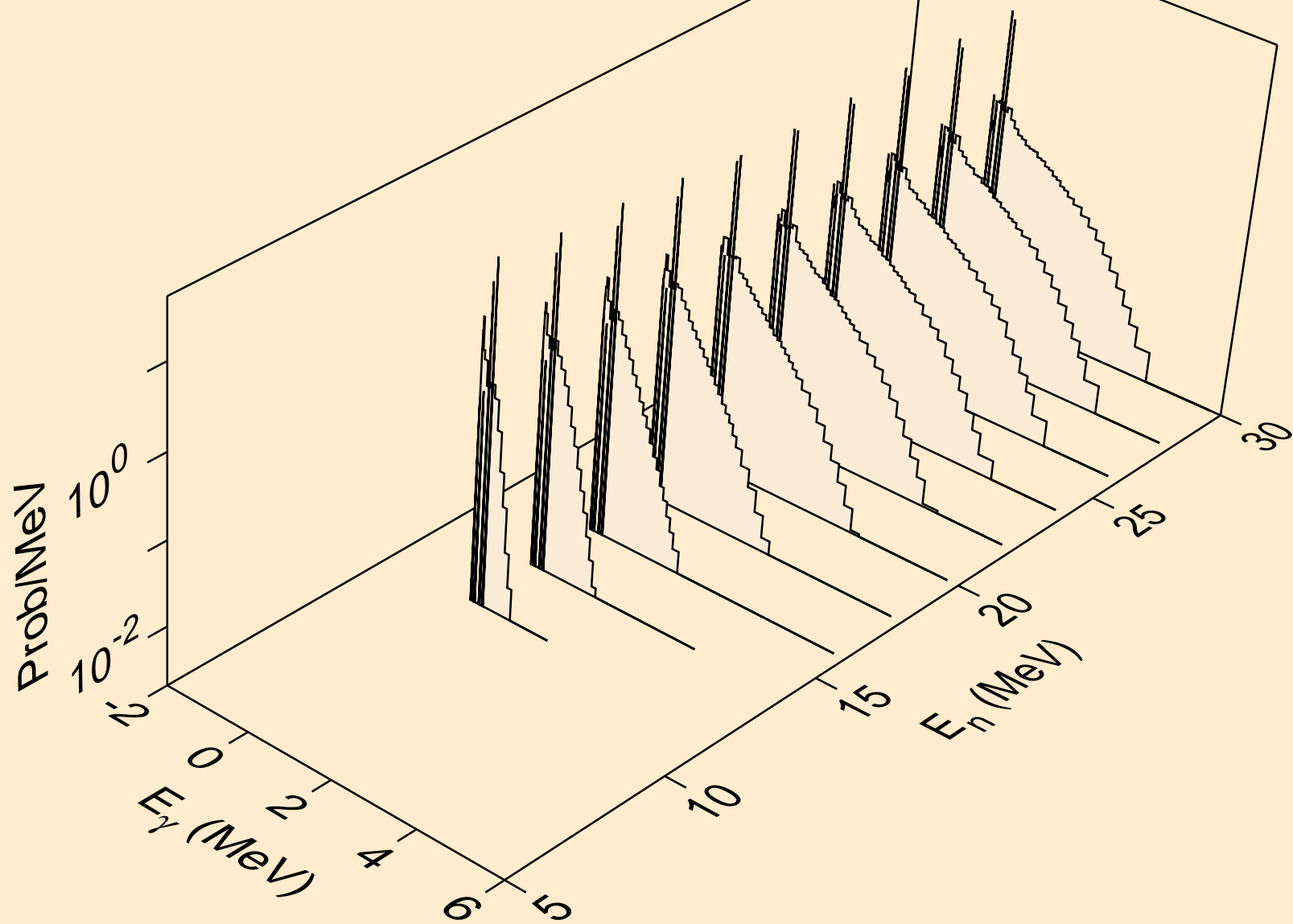
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Photon emission for (n,gma)



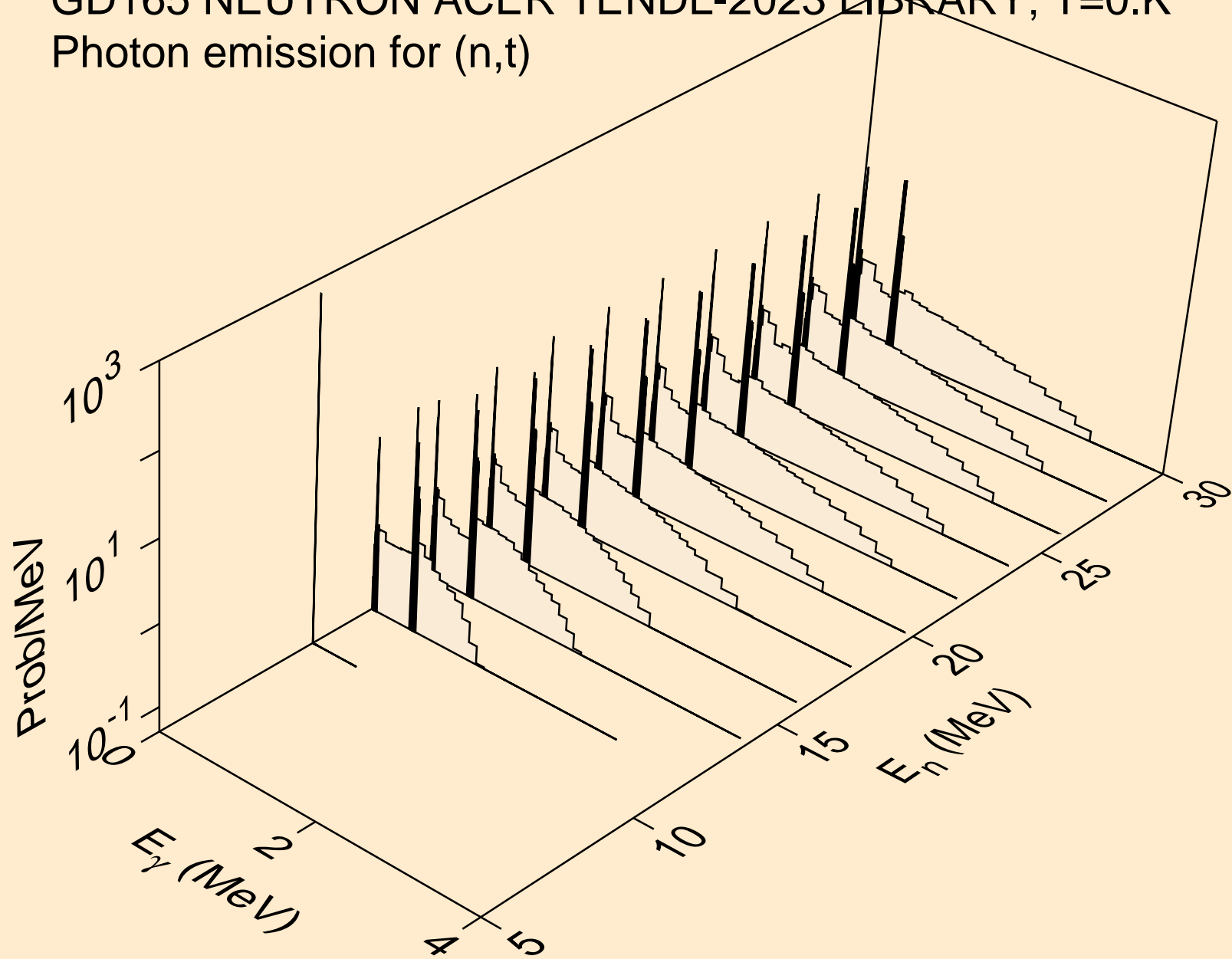
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Photon emission for (n,p)



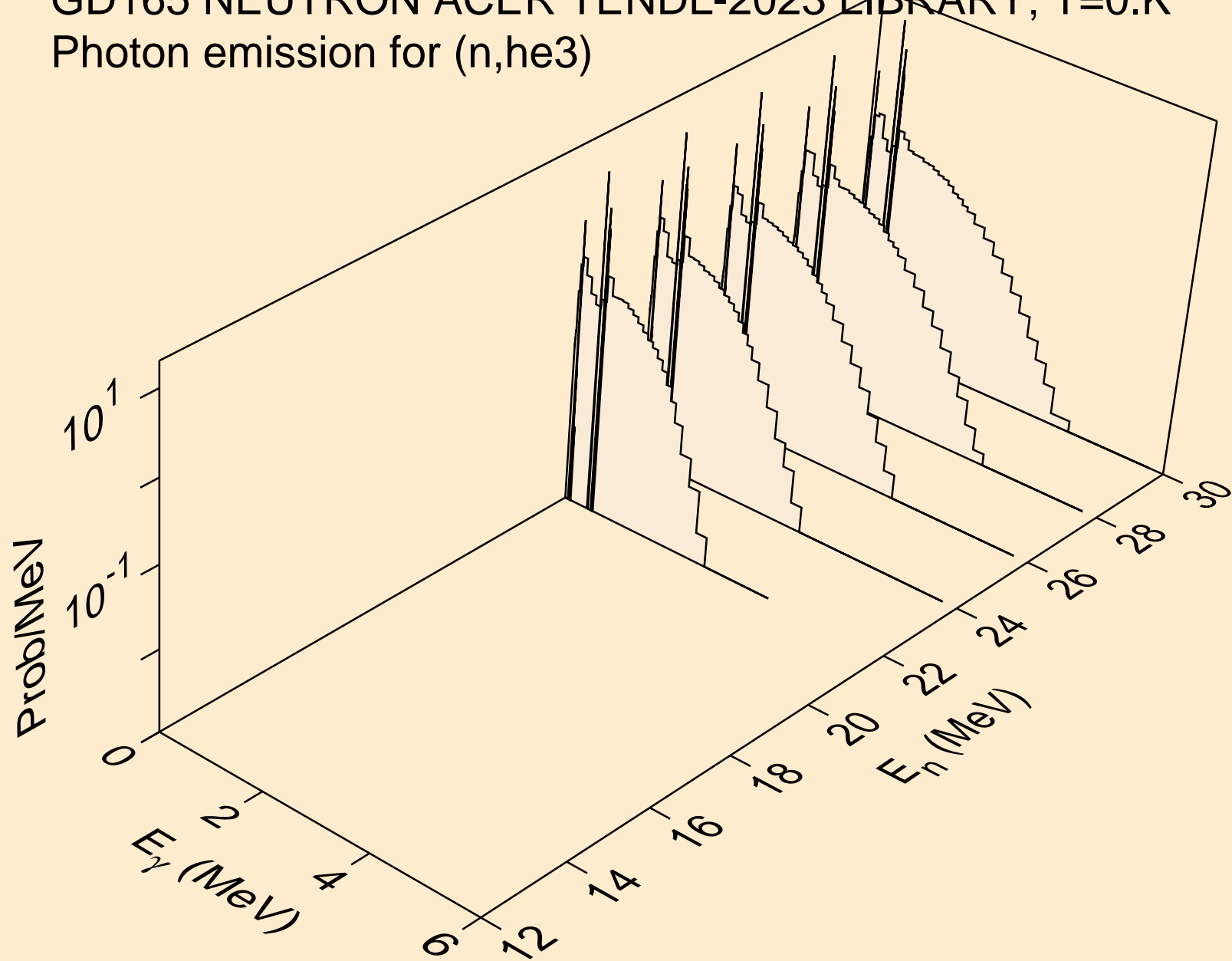
GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)

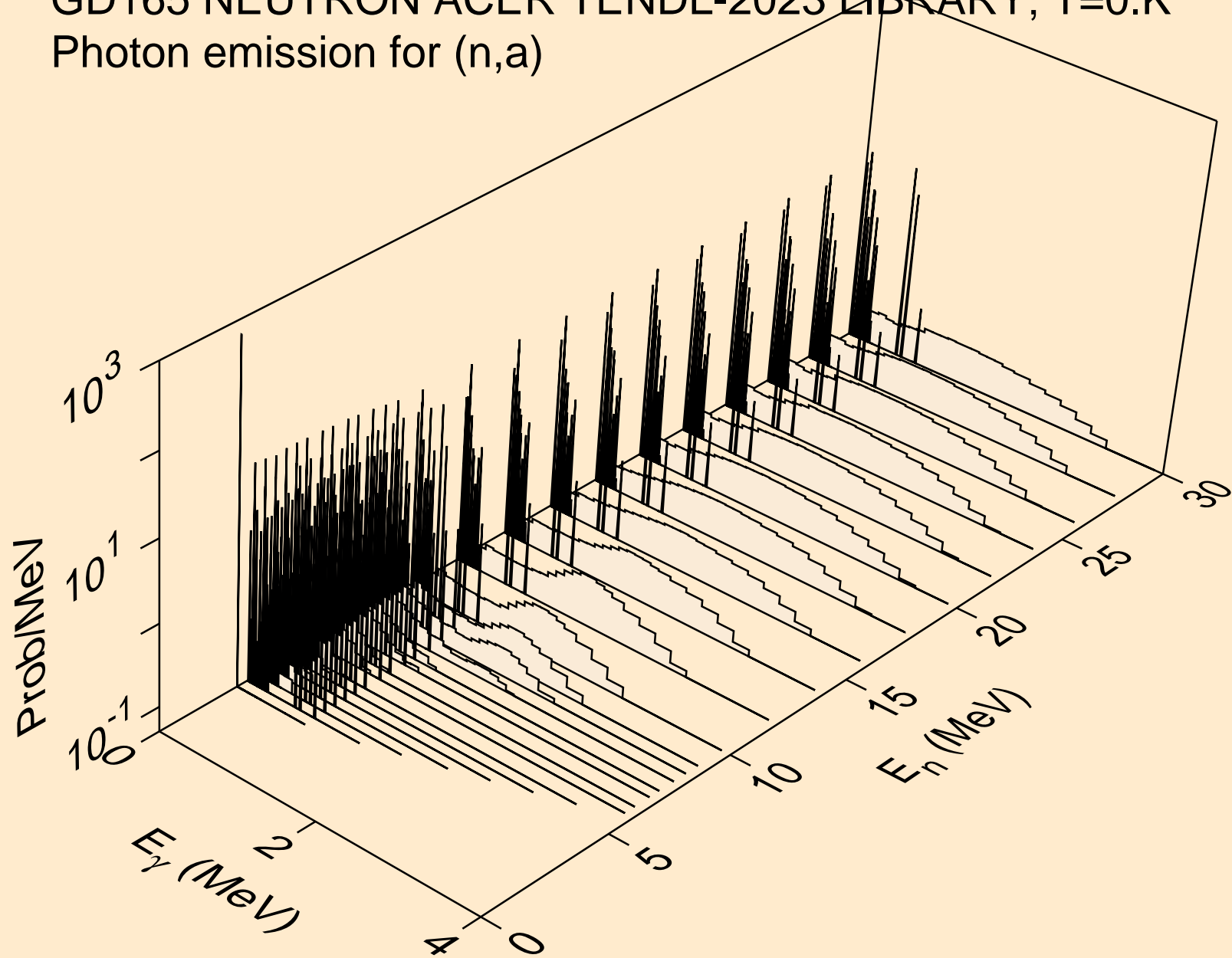


GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)

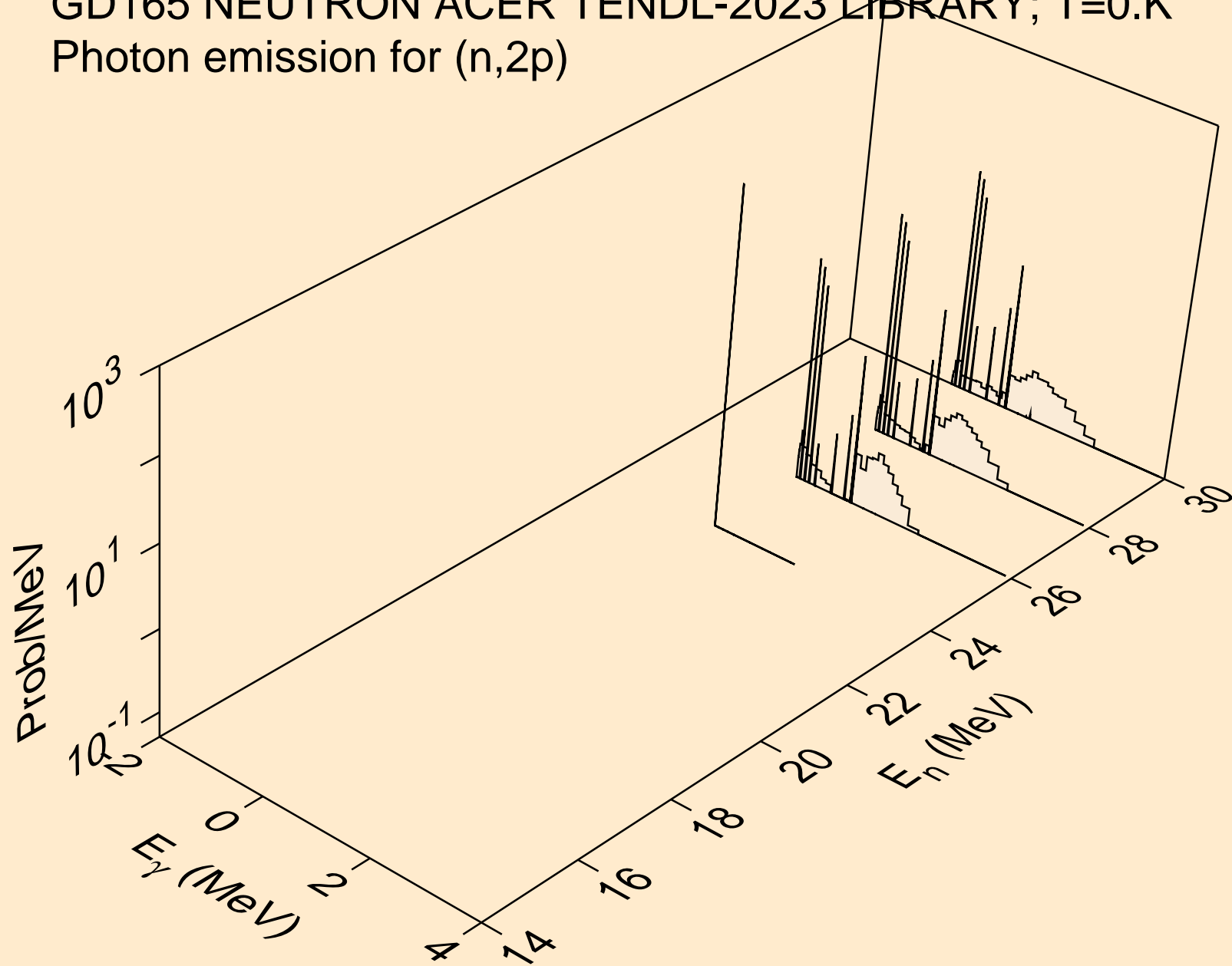




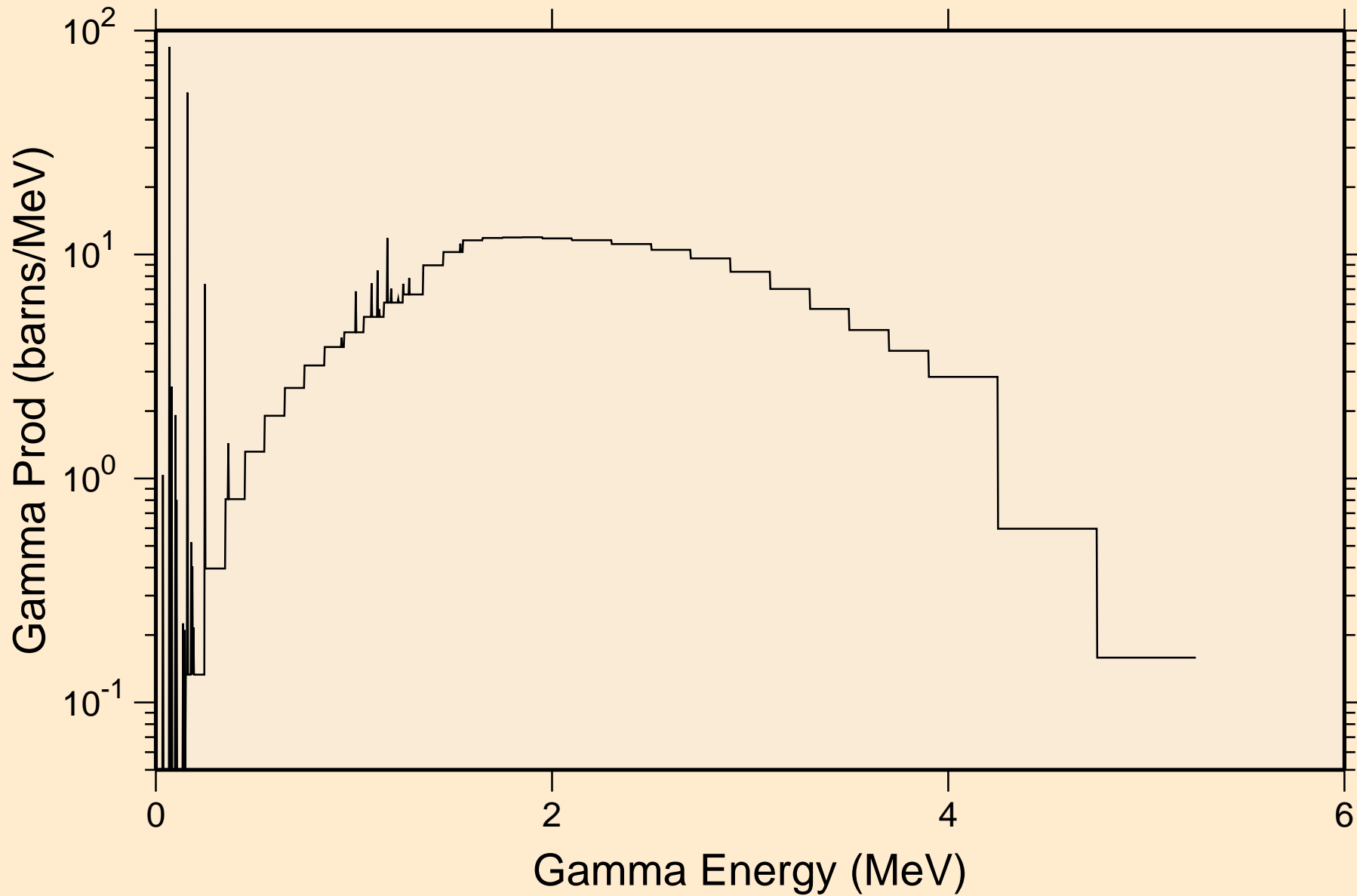
GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



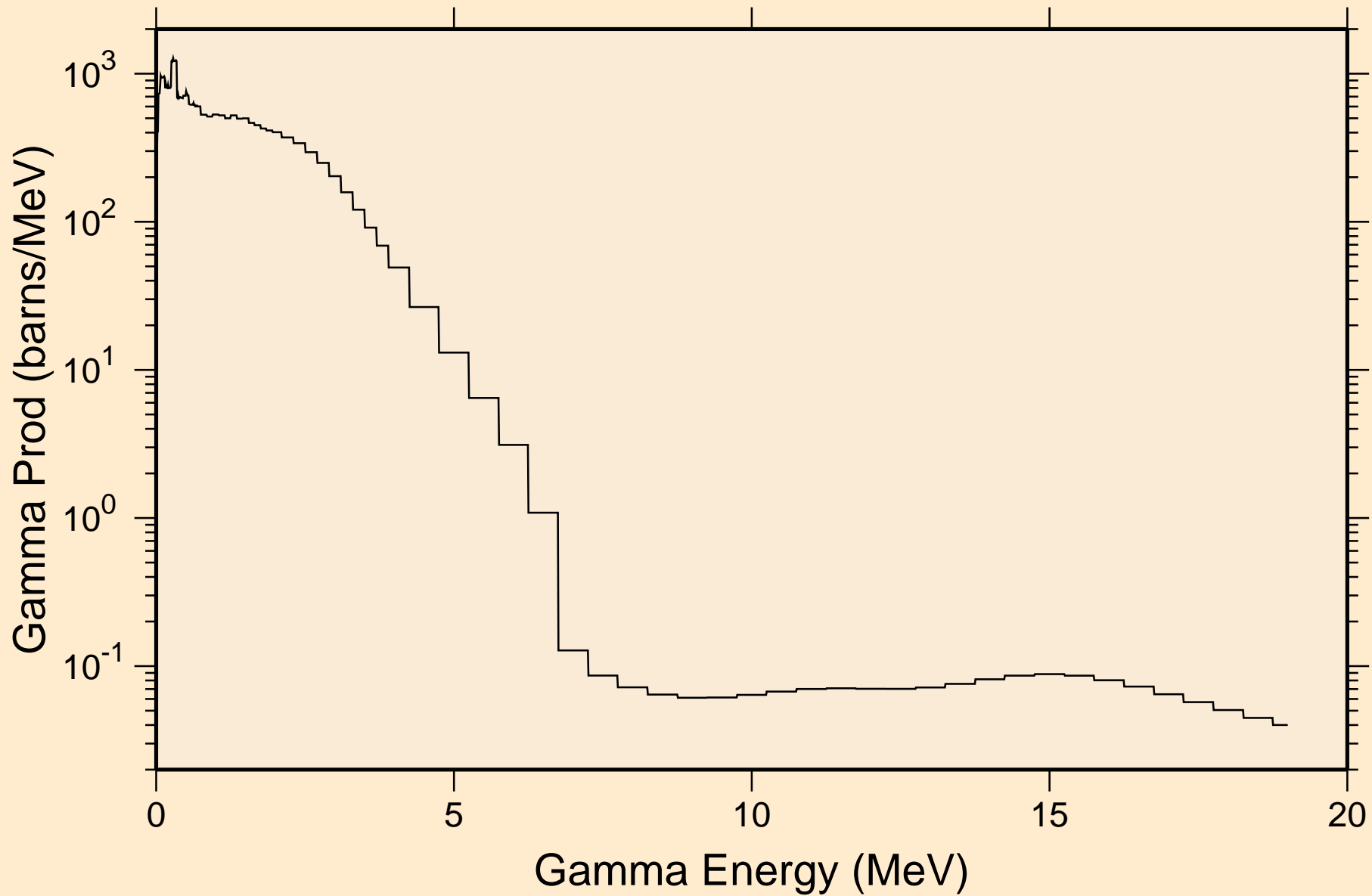
GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

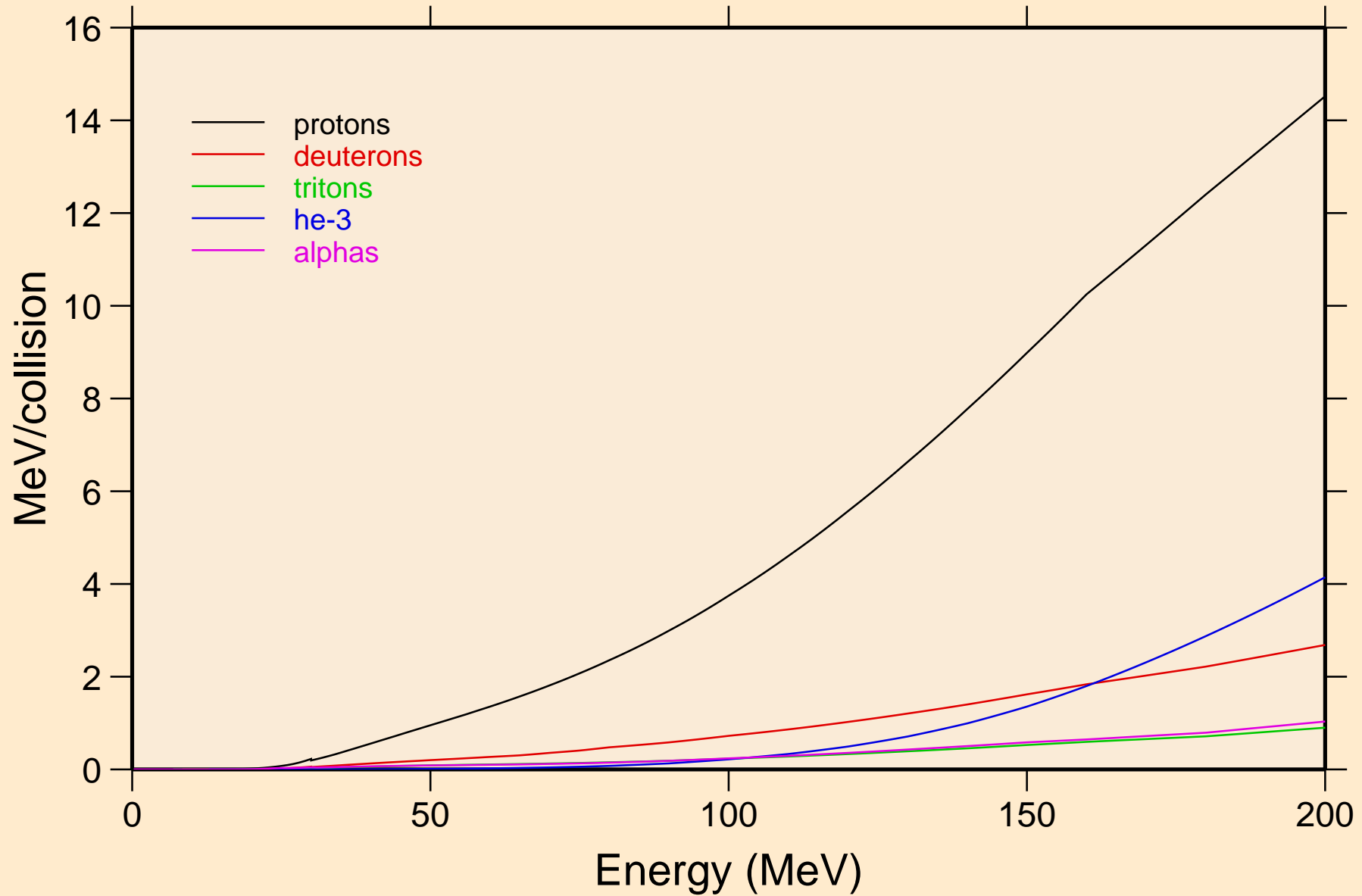


GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum

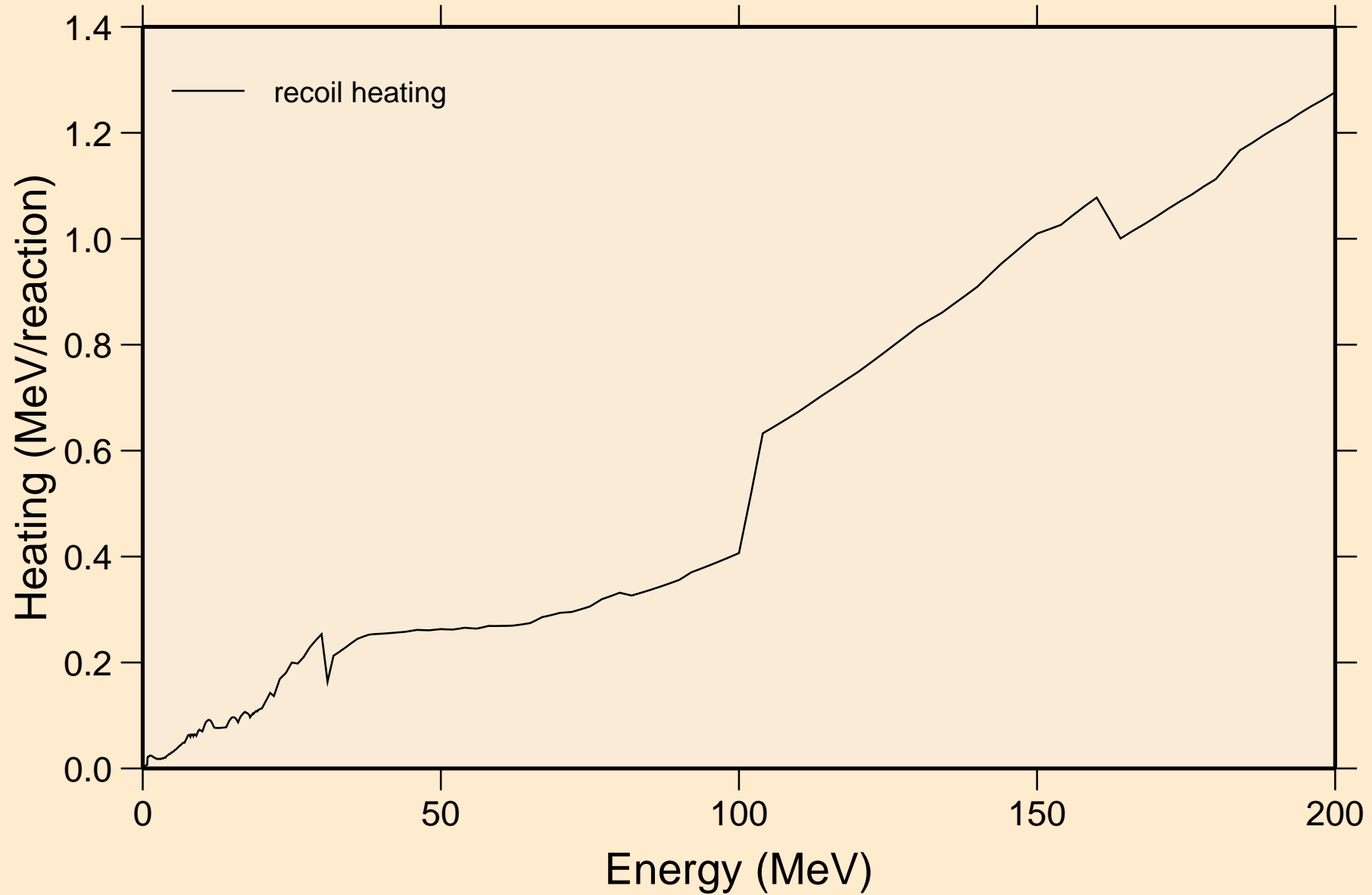


# GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions

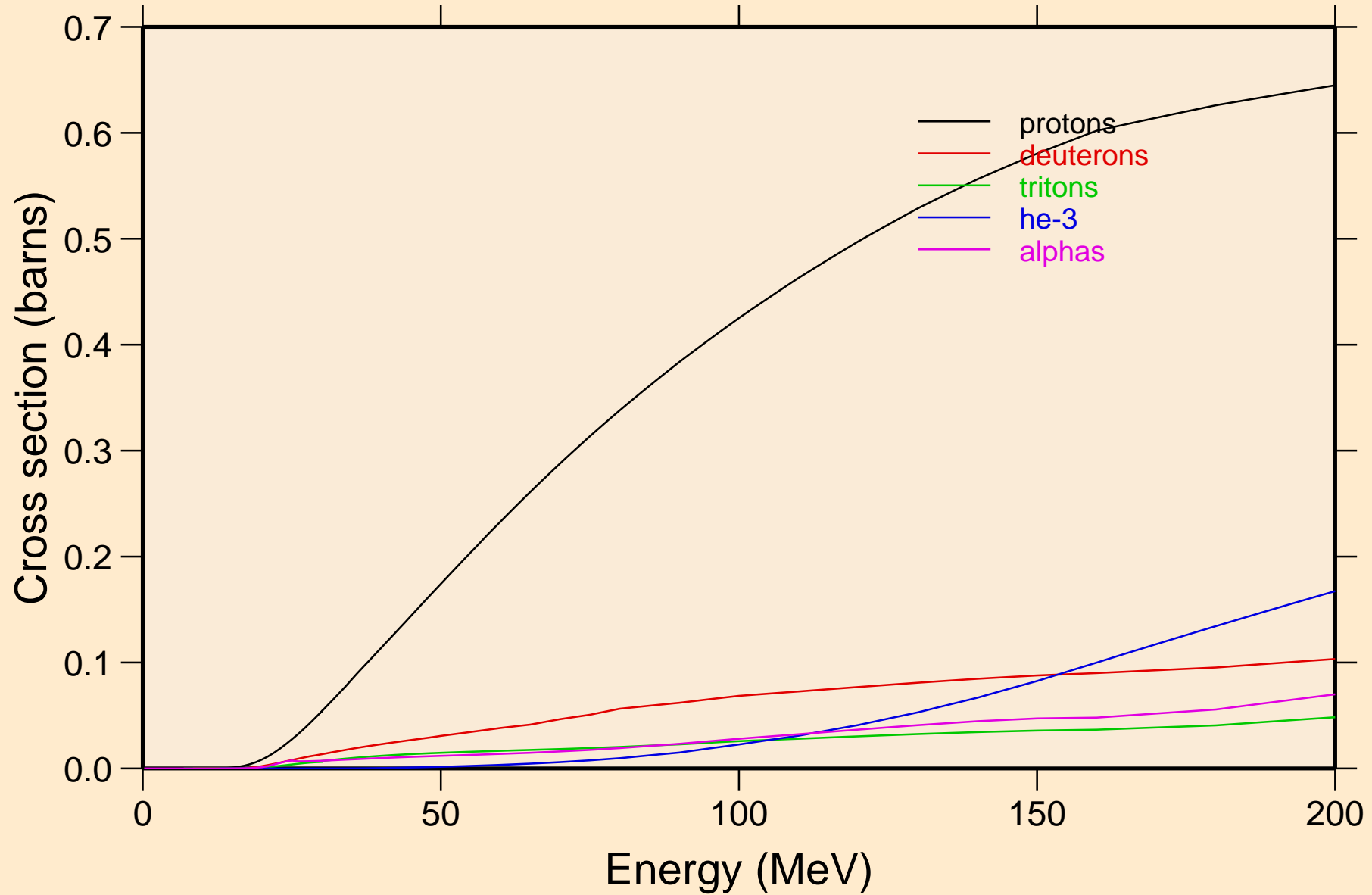


GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

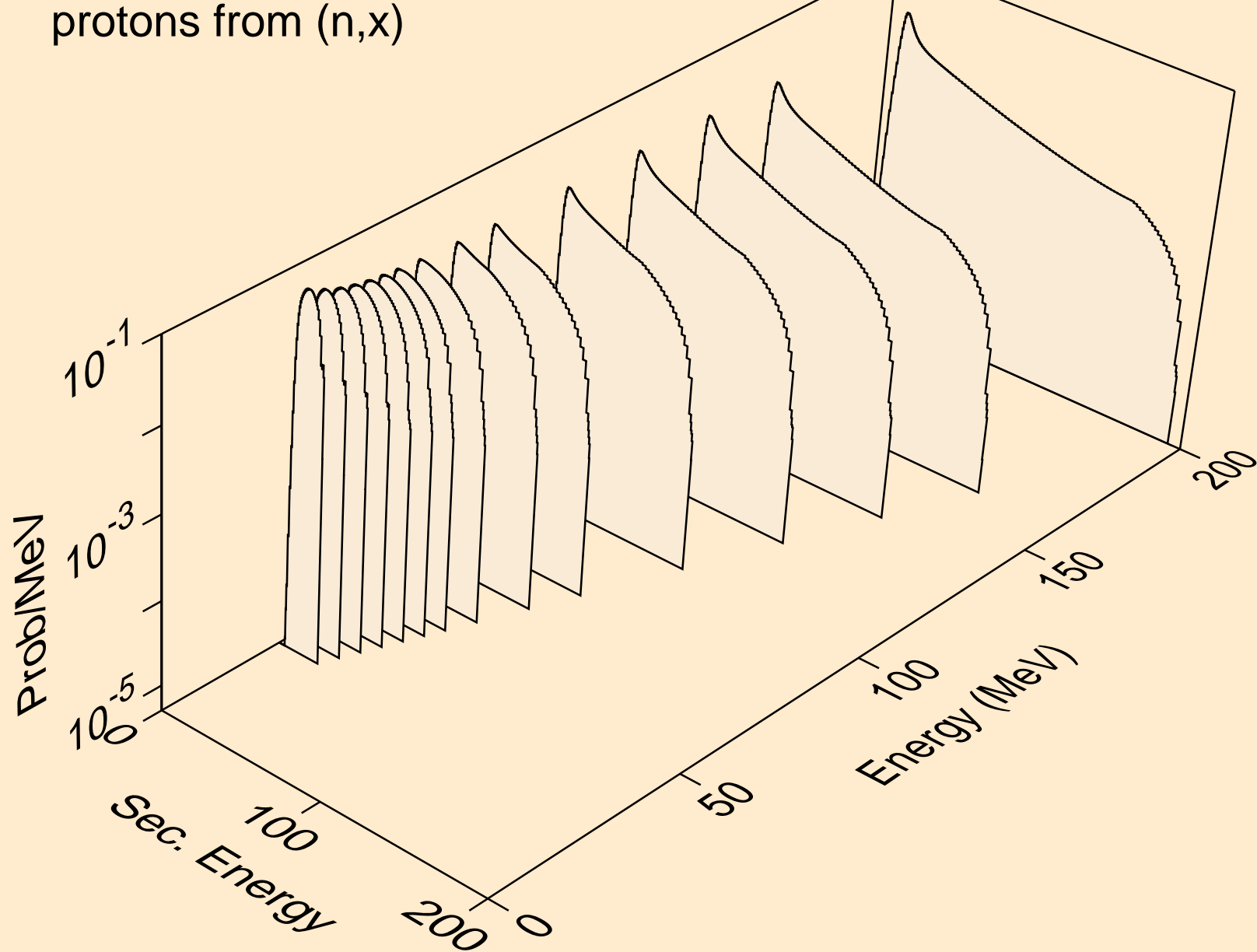


# GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Particle production cross sections

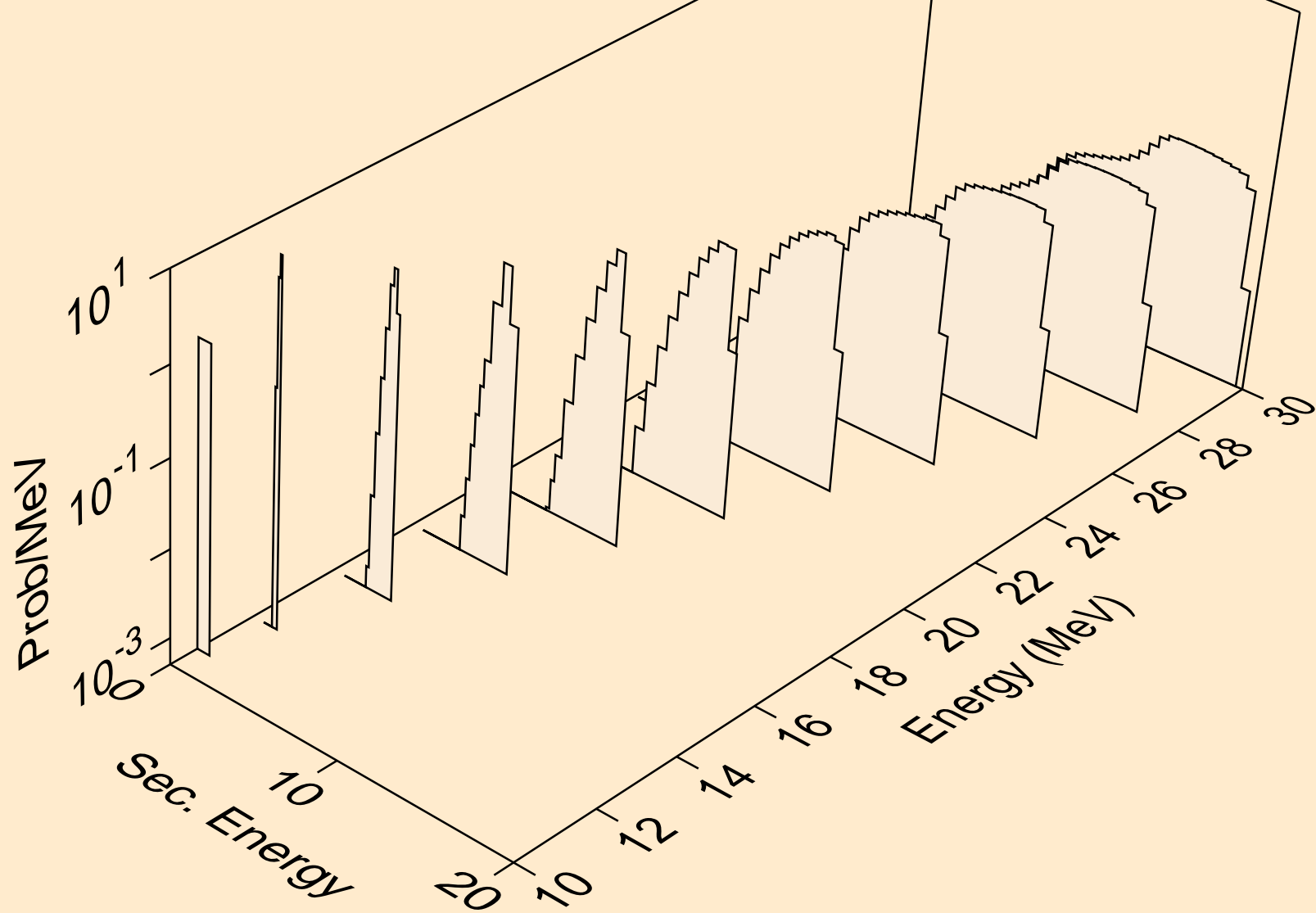


GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)

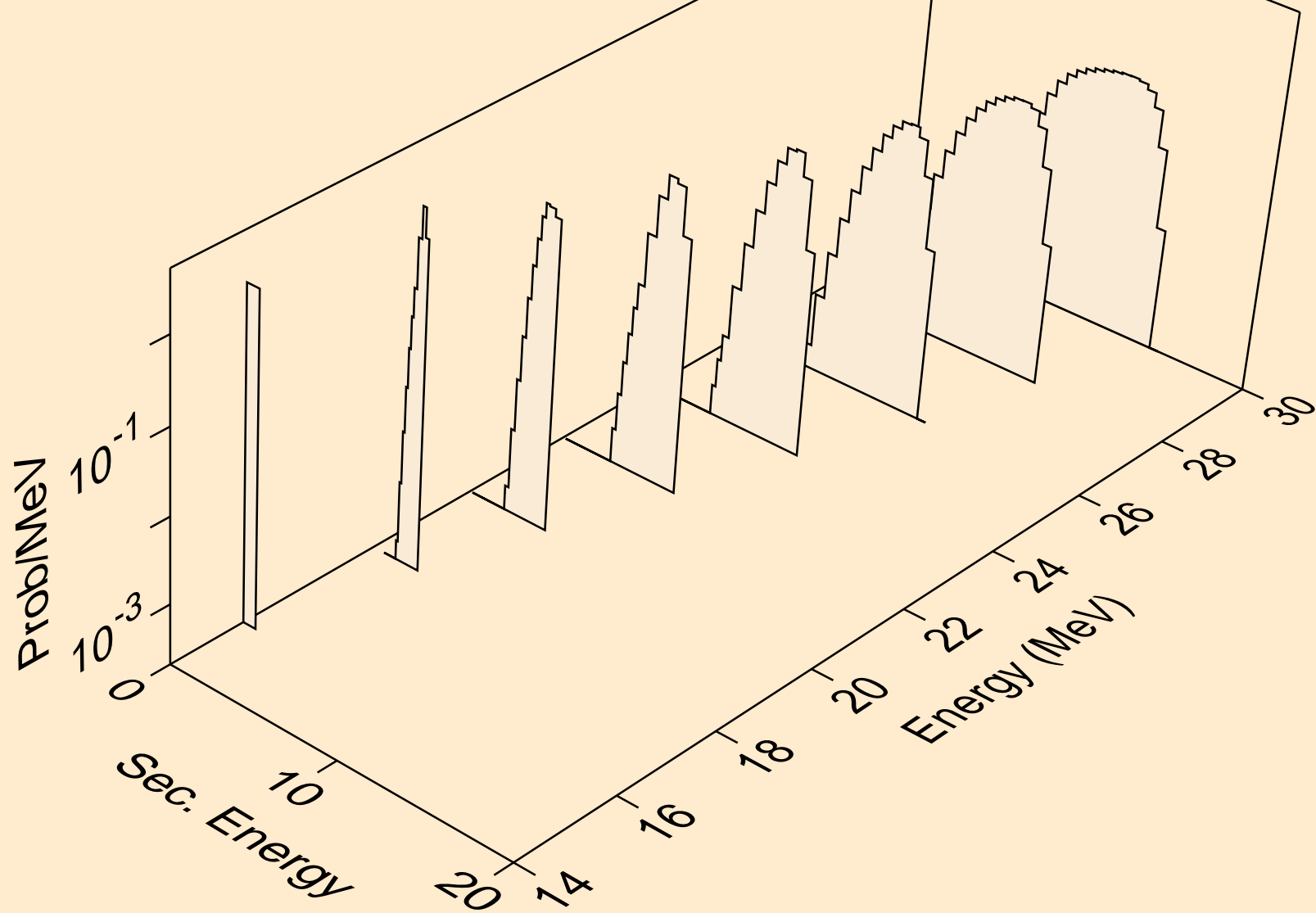




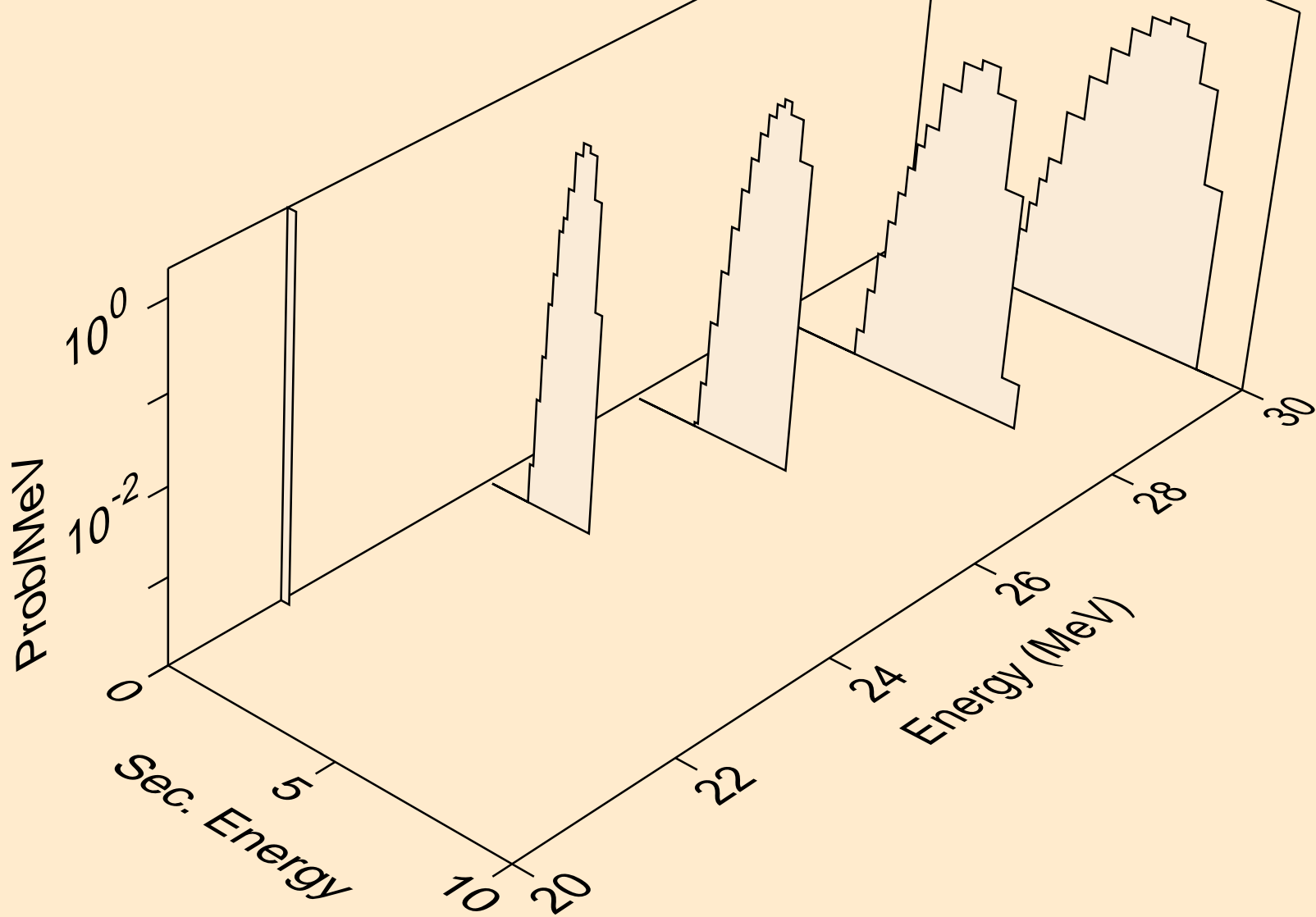
GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p



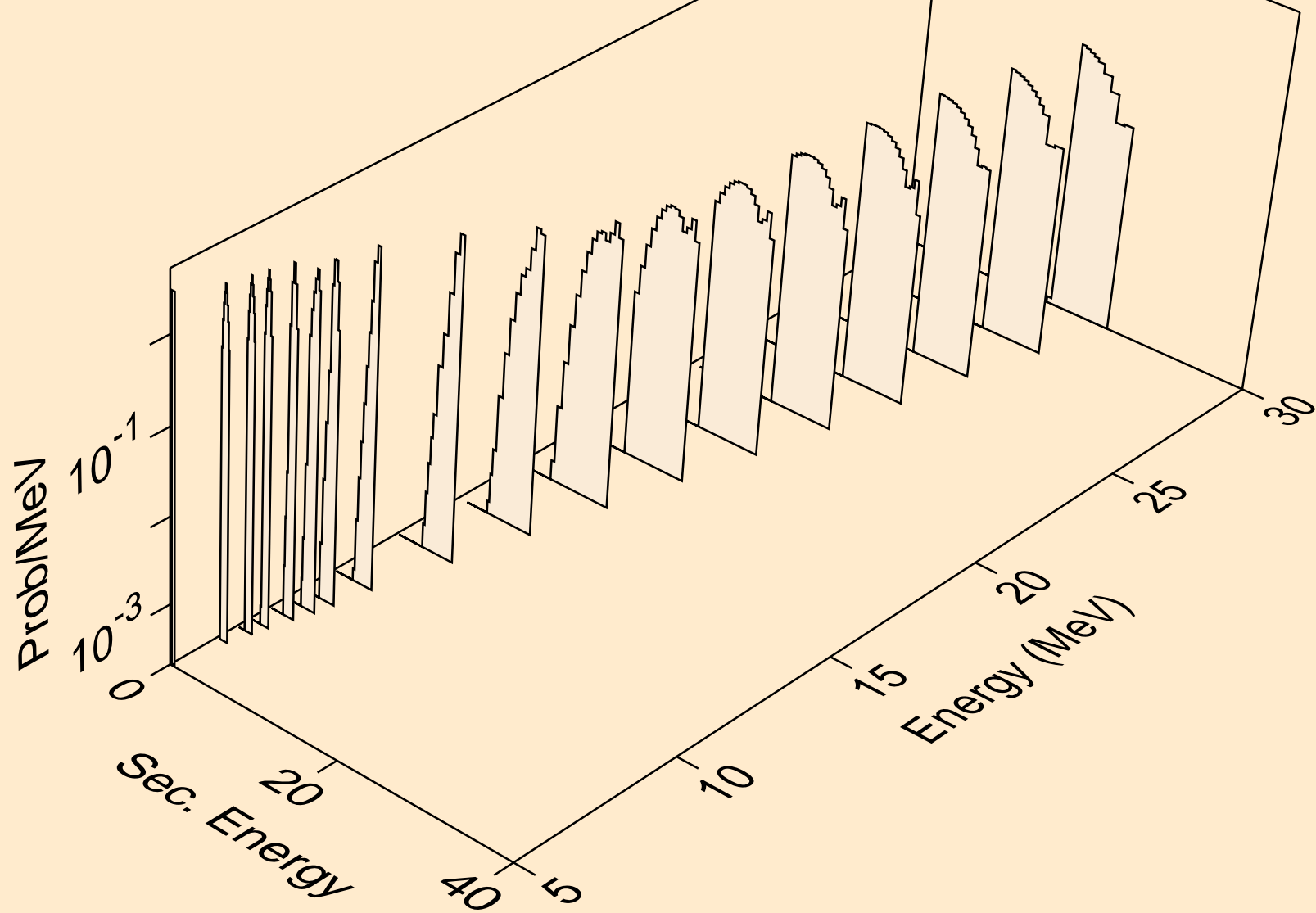
GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2np)



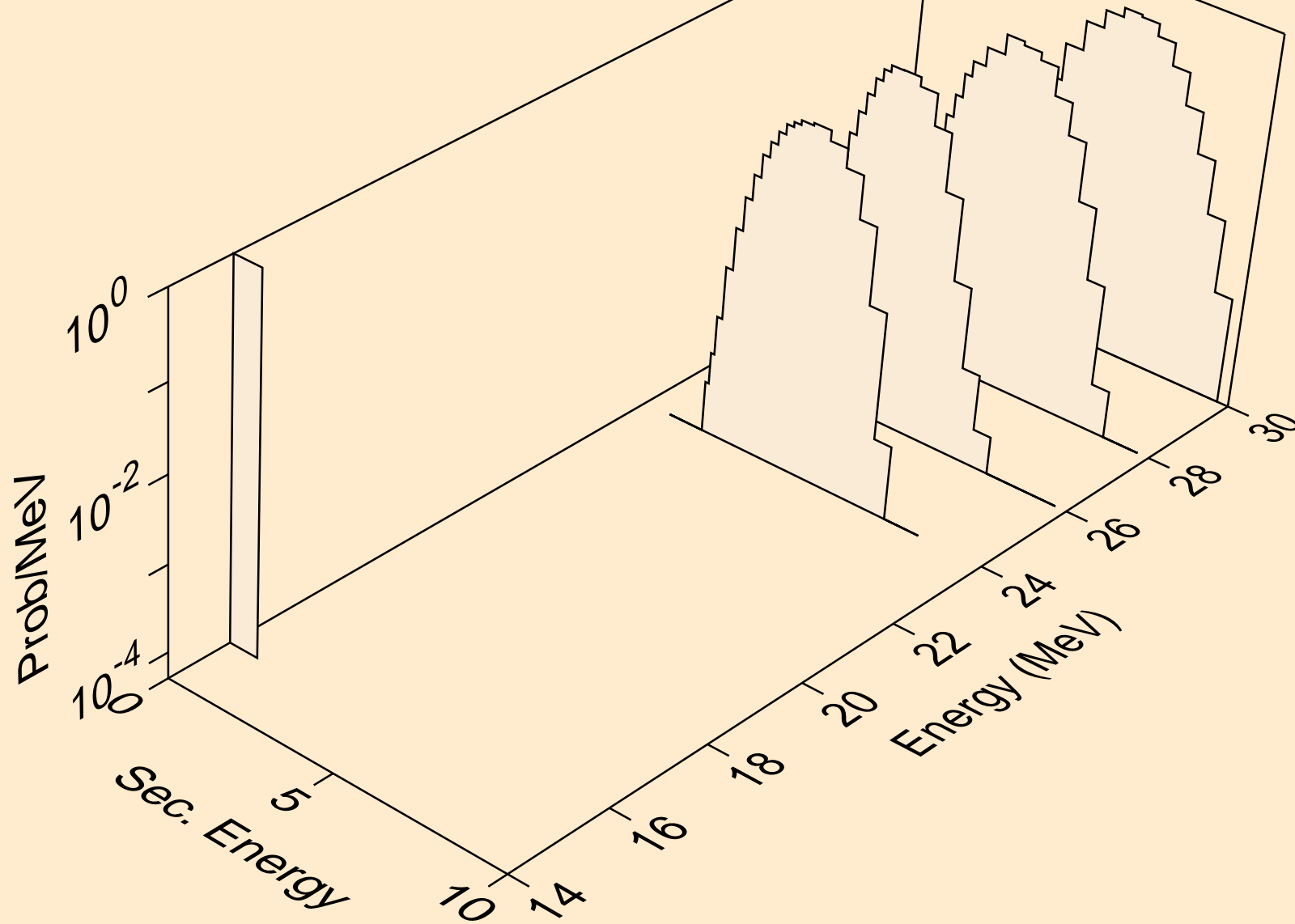
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protons from (n,3np)



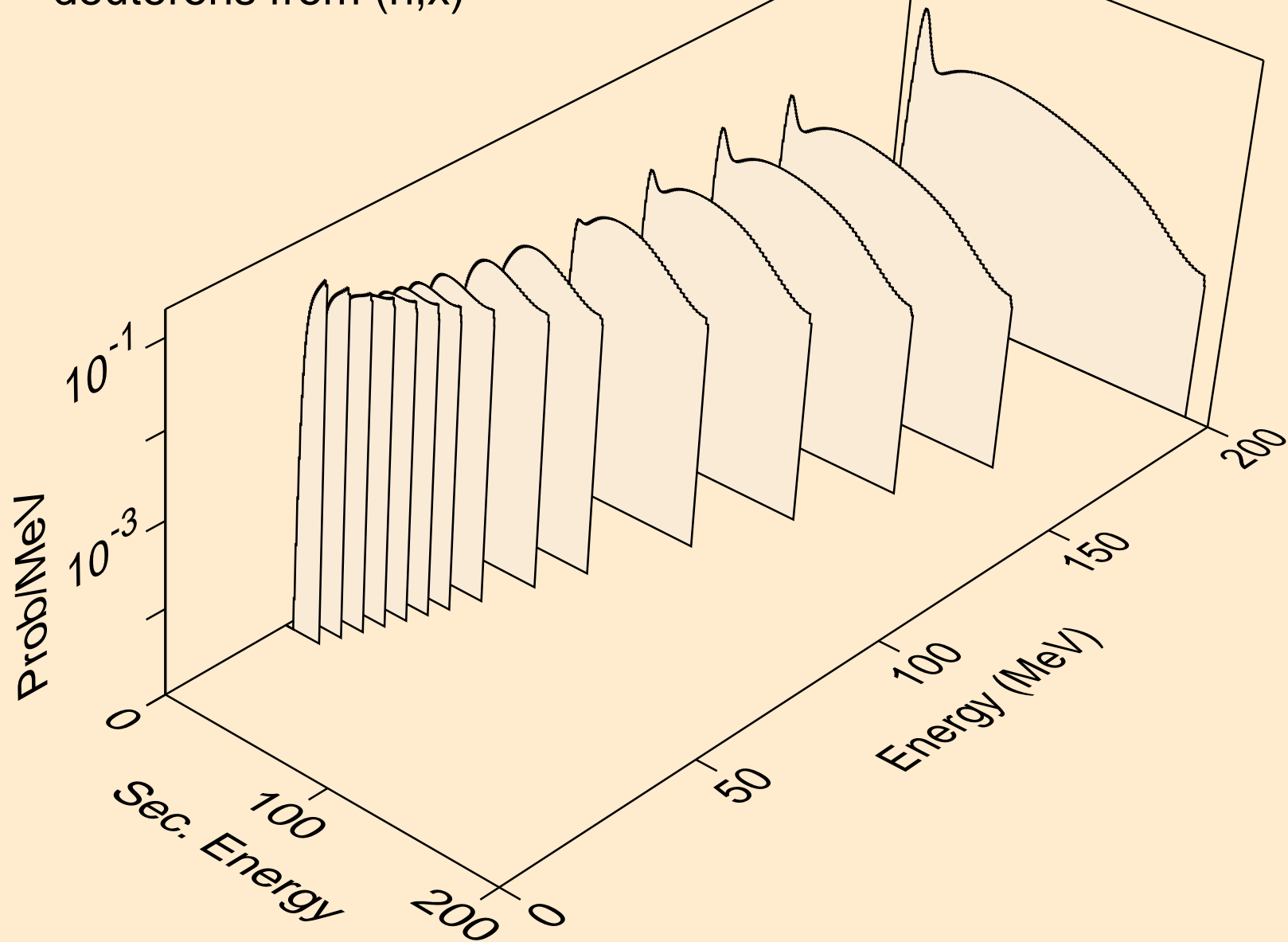
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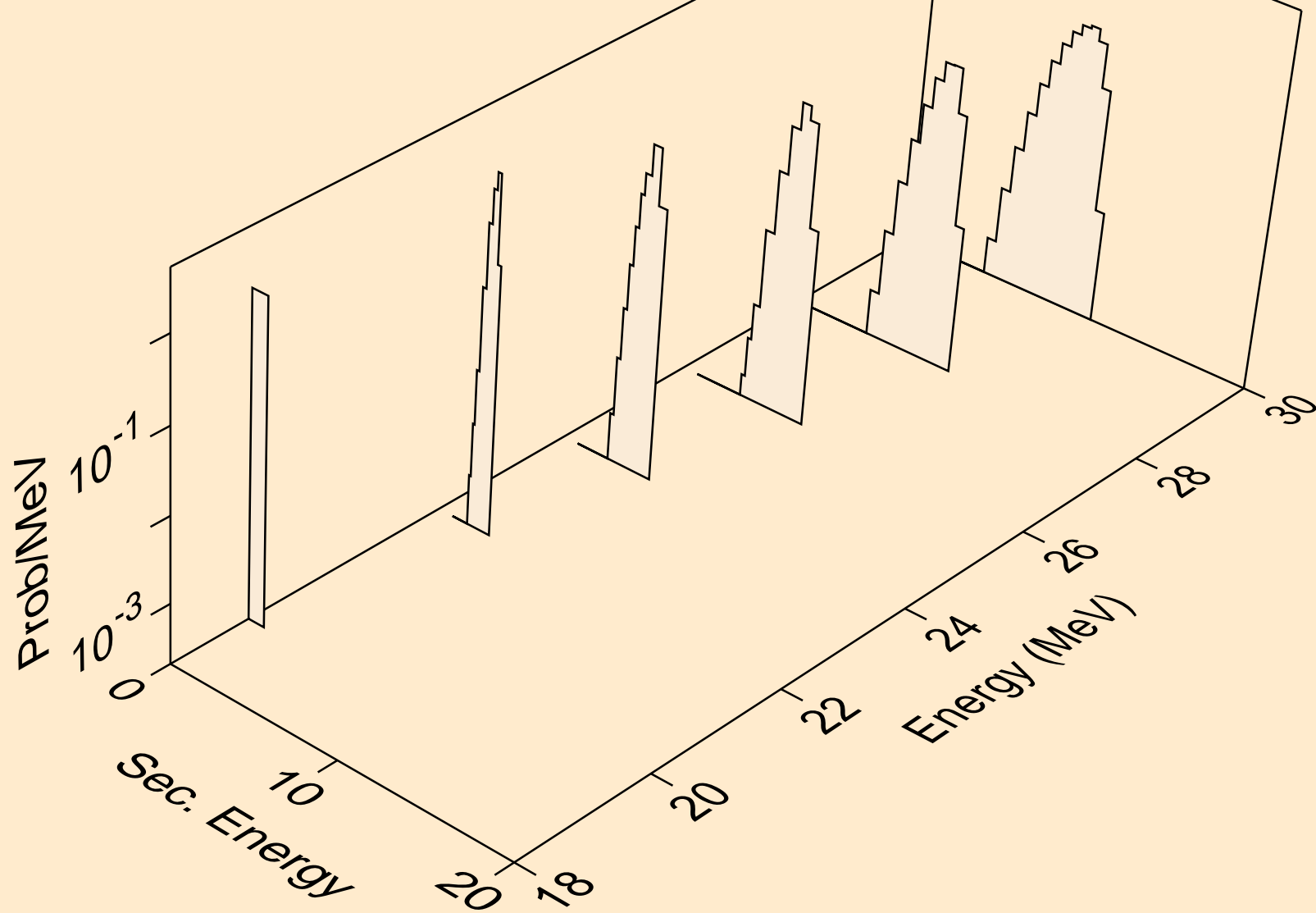
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protons from (n,2p)



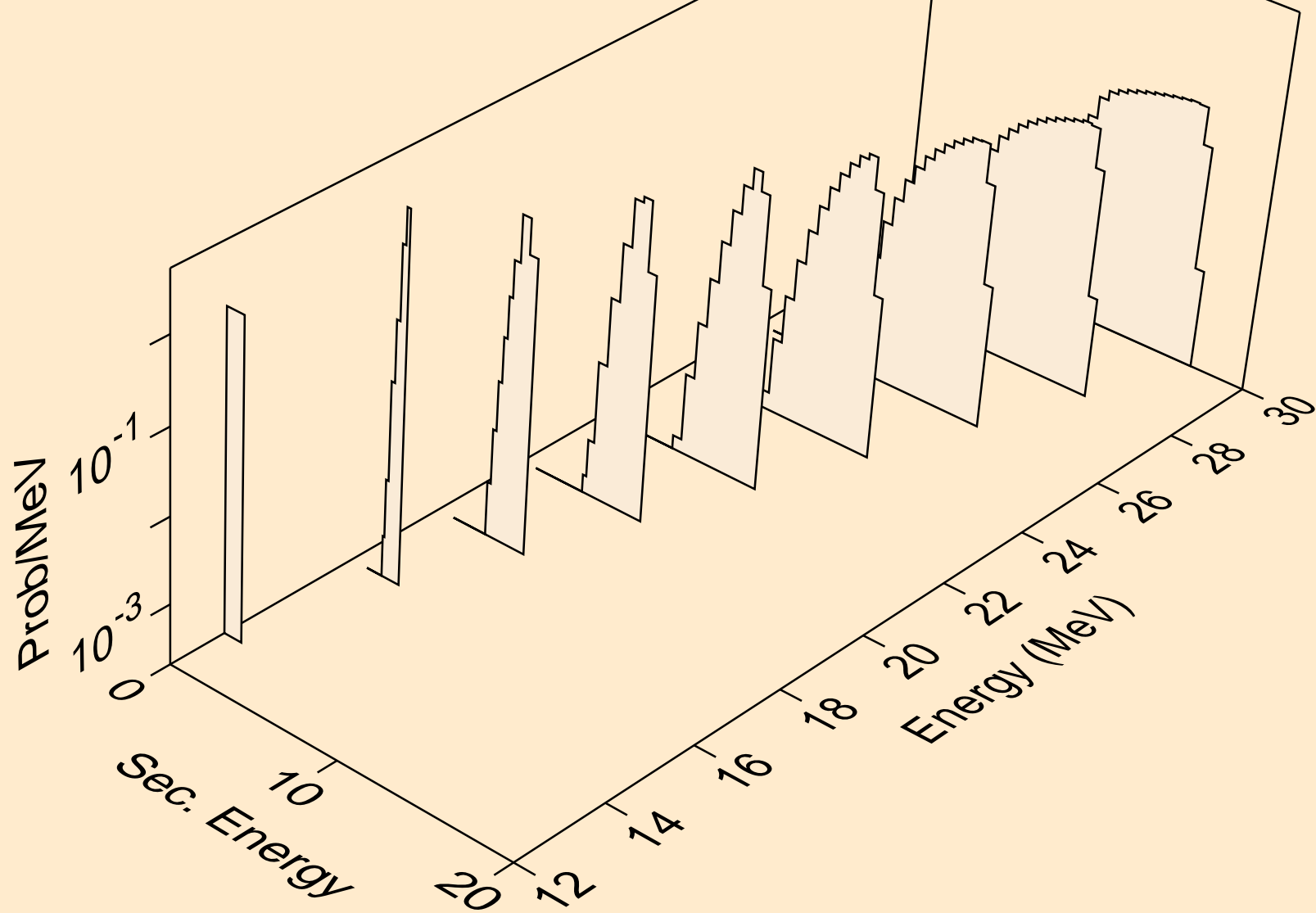
GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,x)



GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,2nd)

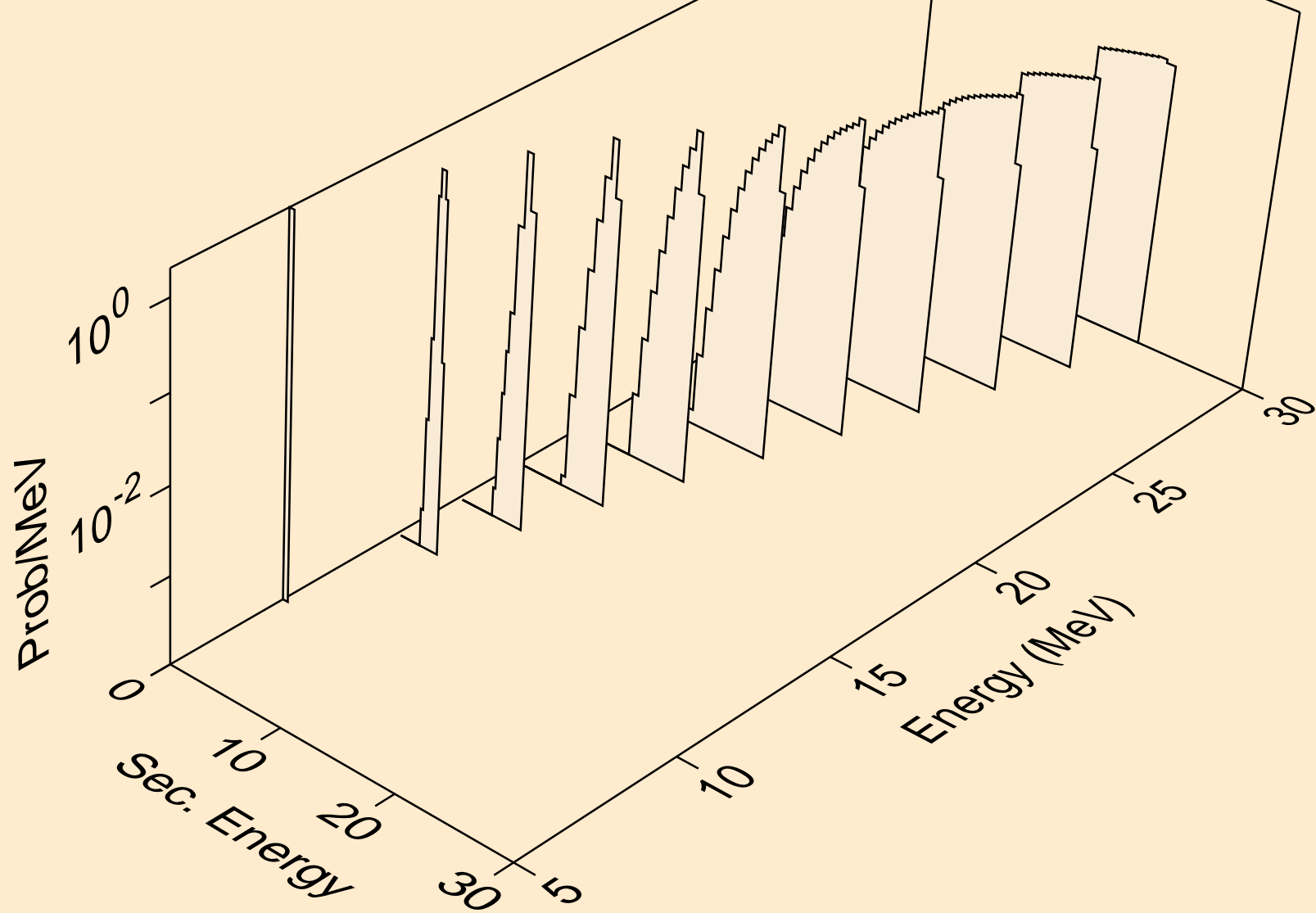


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deuterons from (n,n\*)d

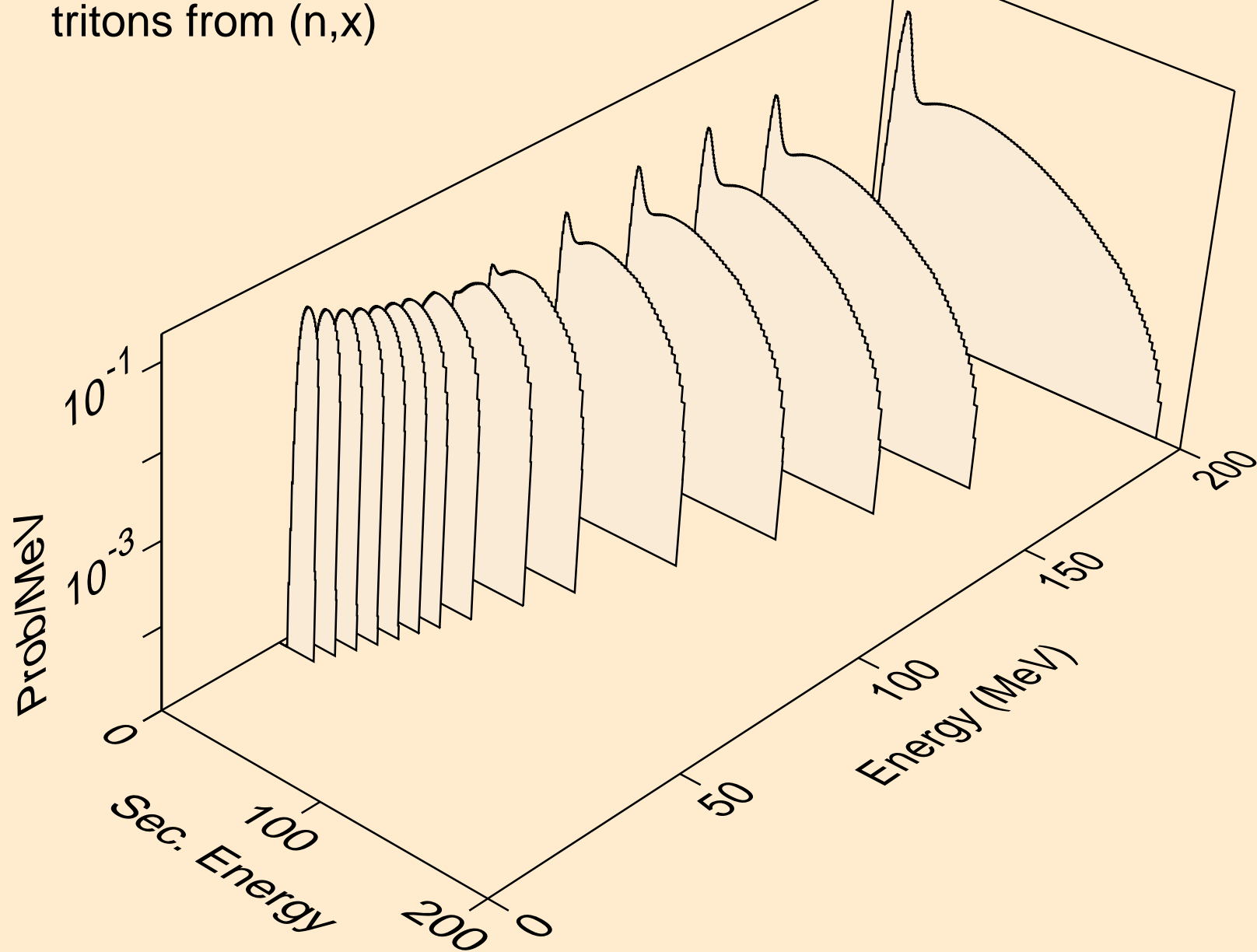




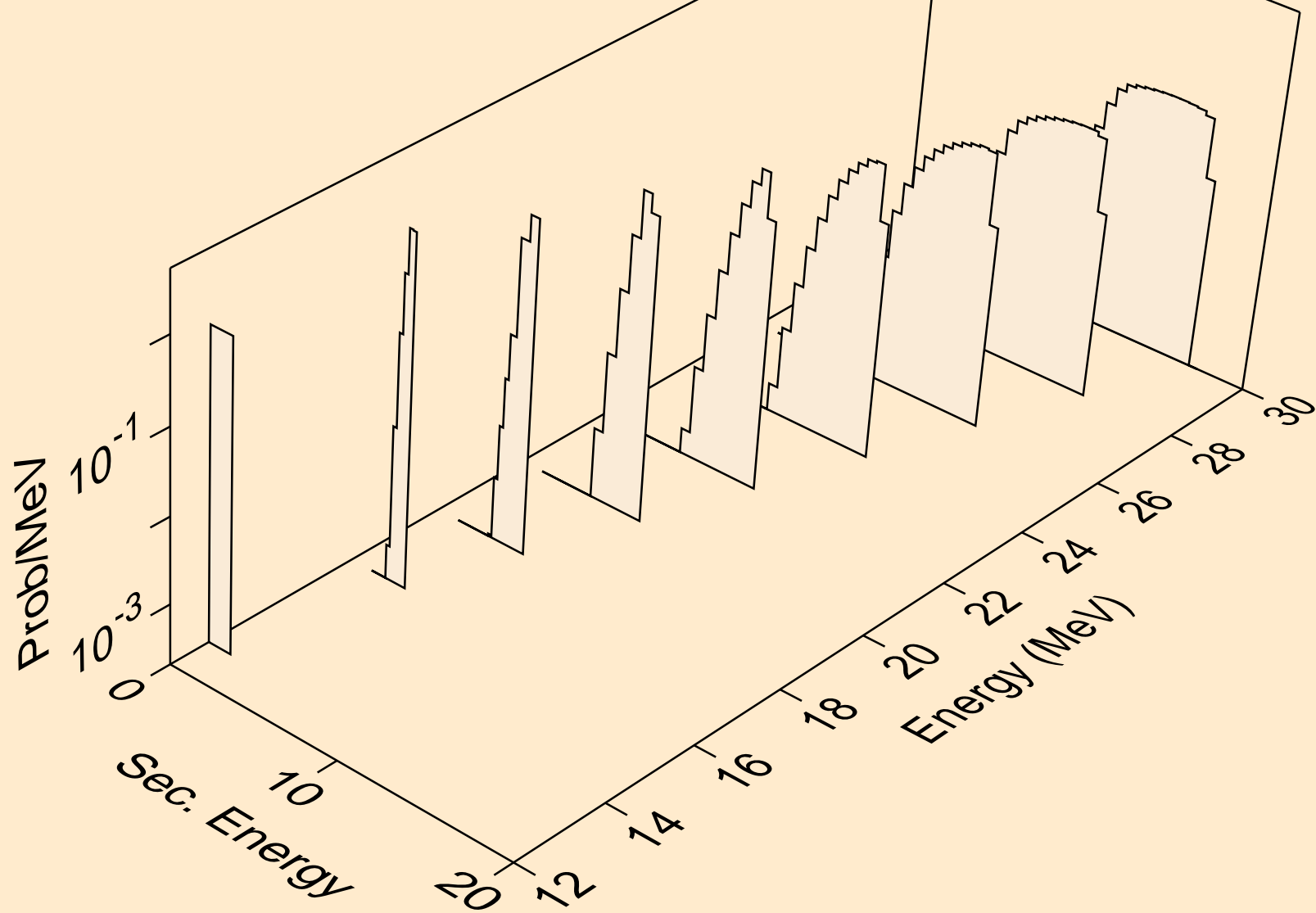
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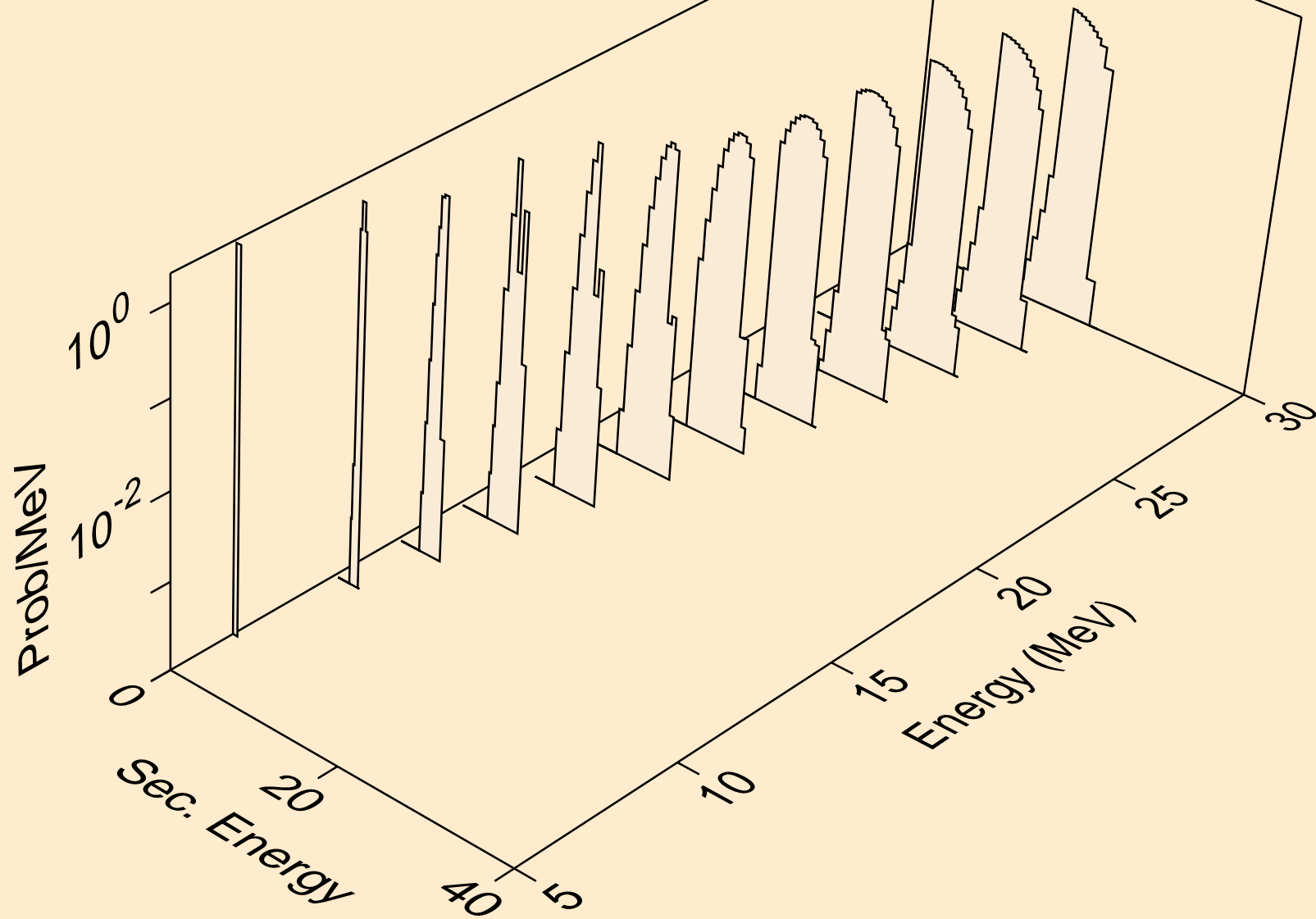
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tritons from (n,x)



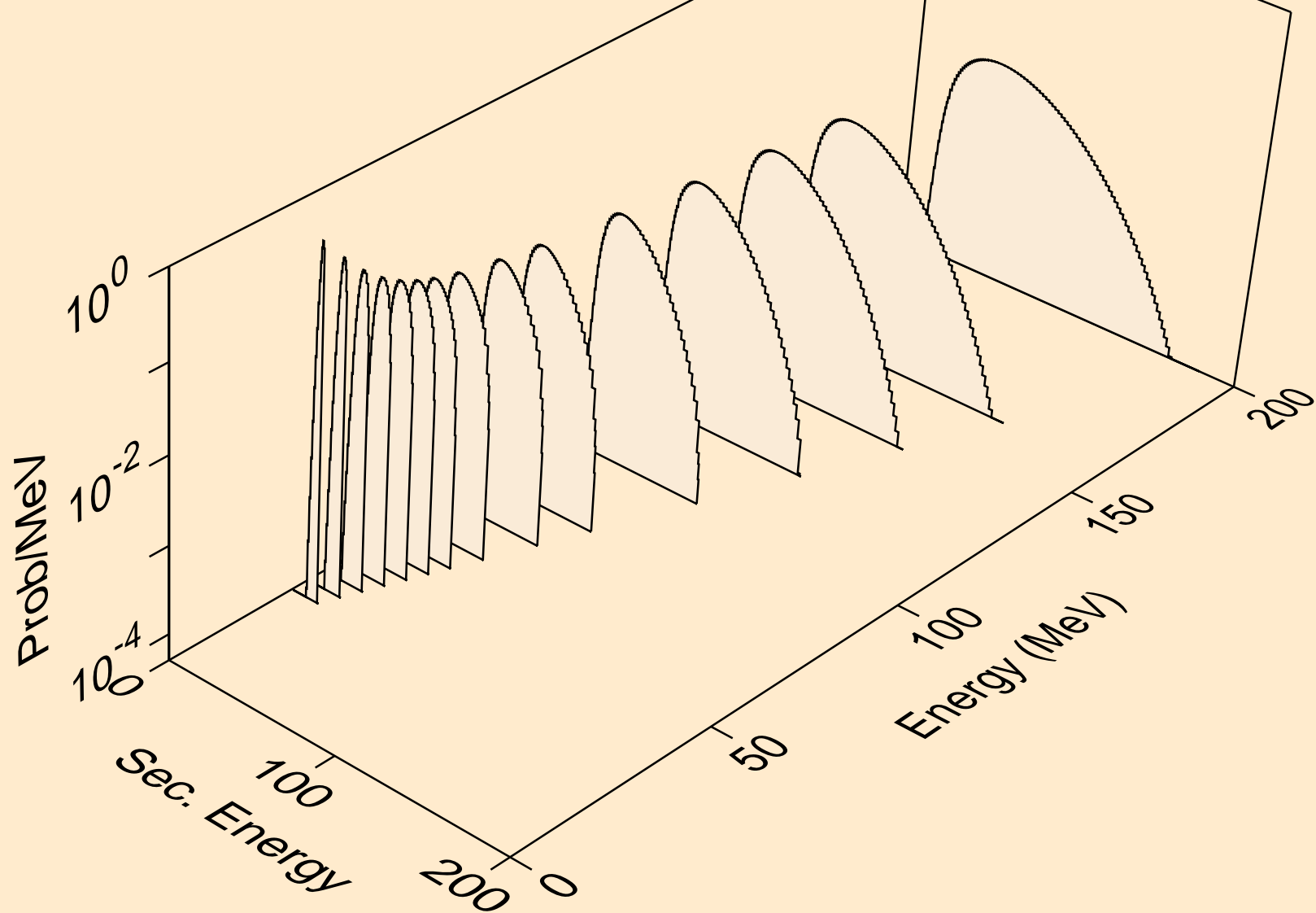
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tritons from (n,n\*)t



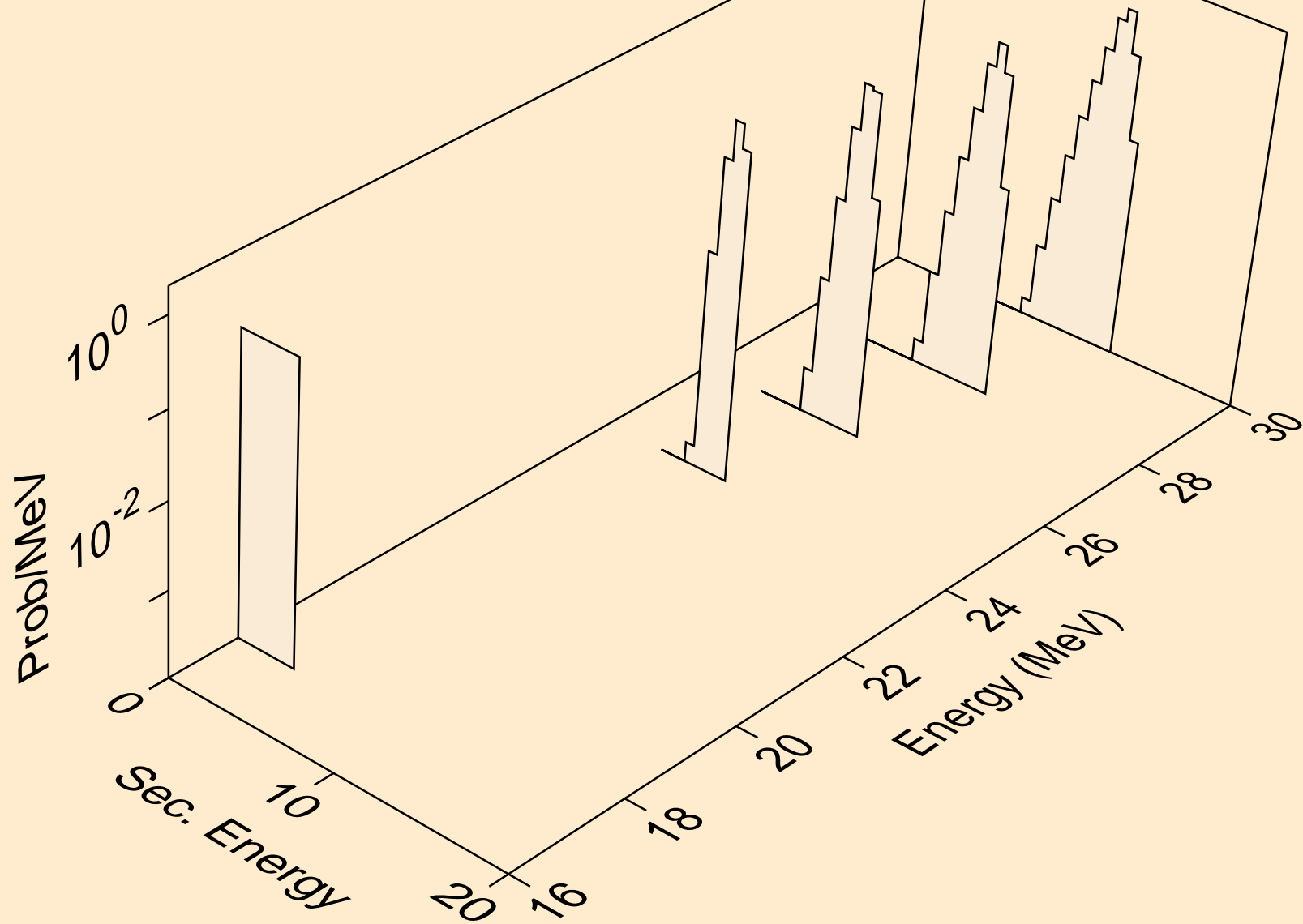
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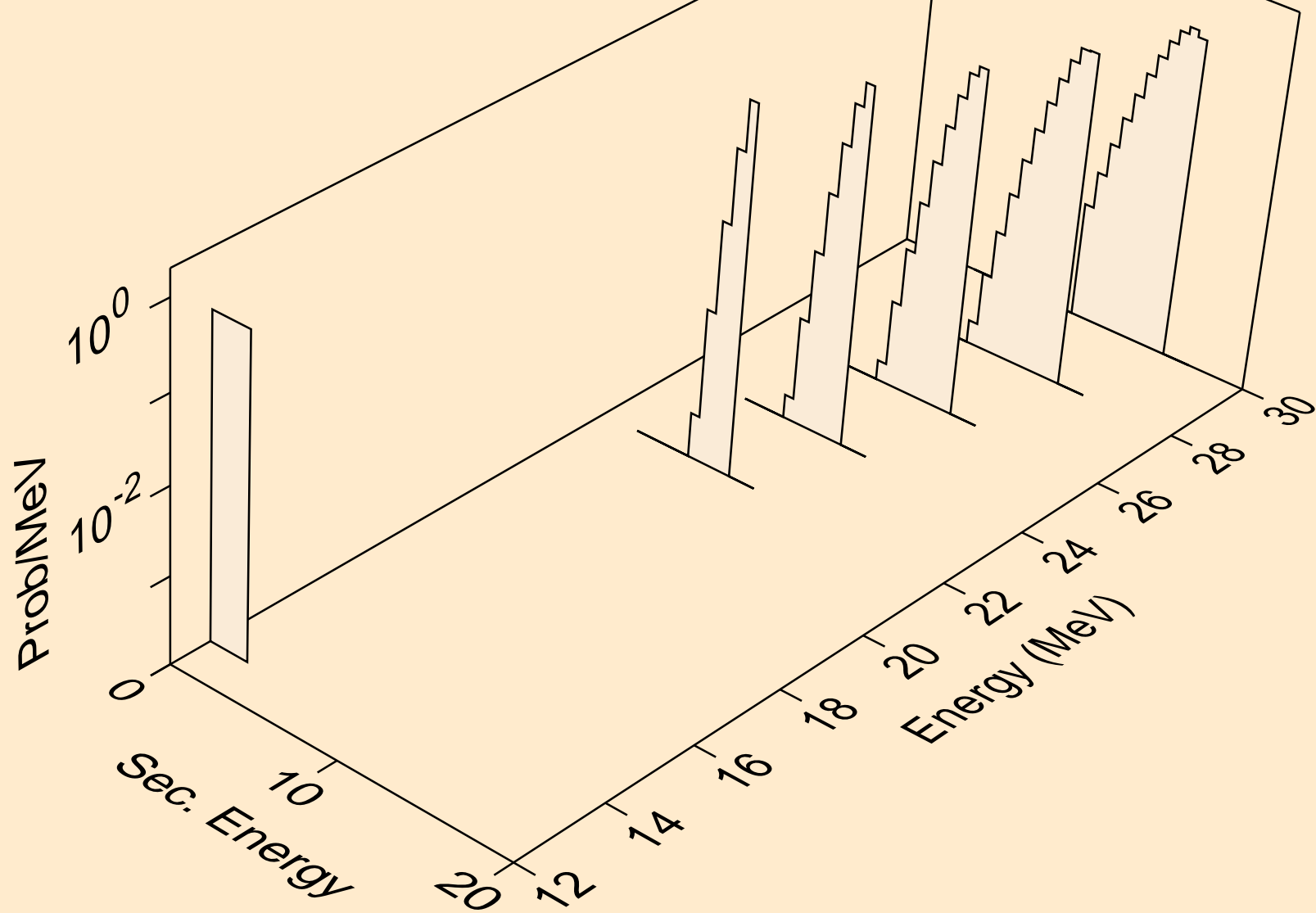
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he3s from (n,x)



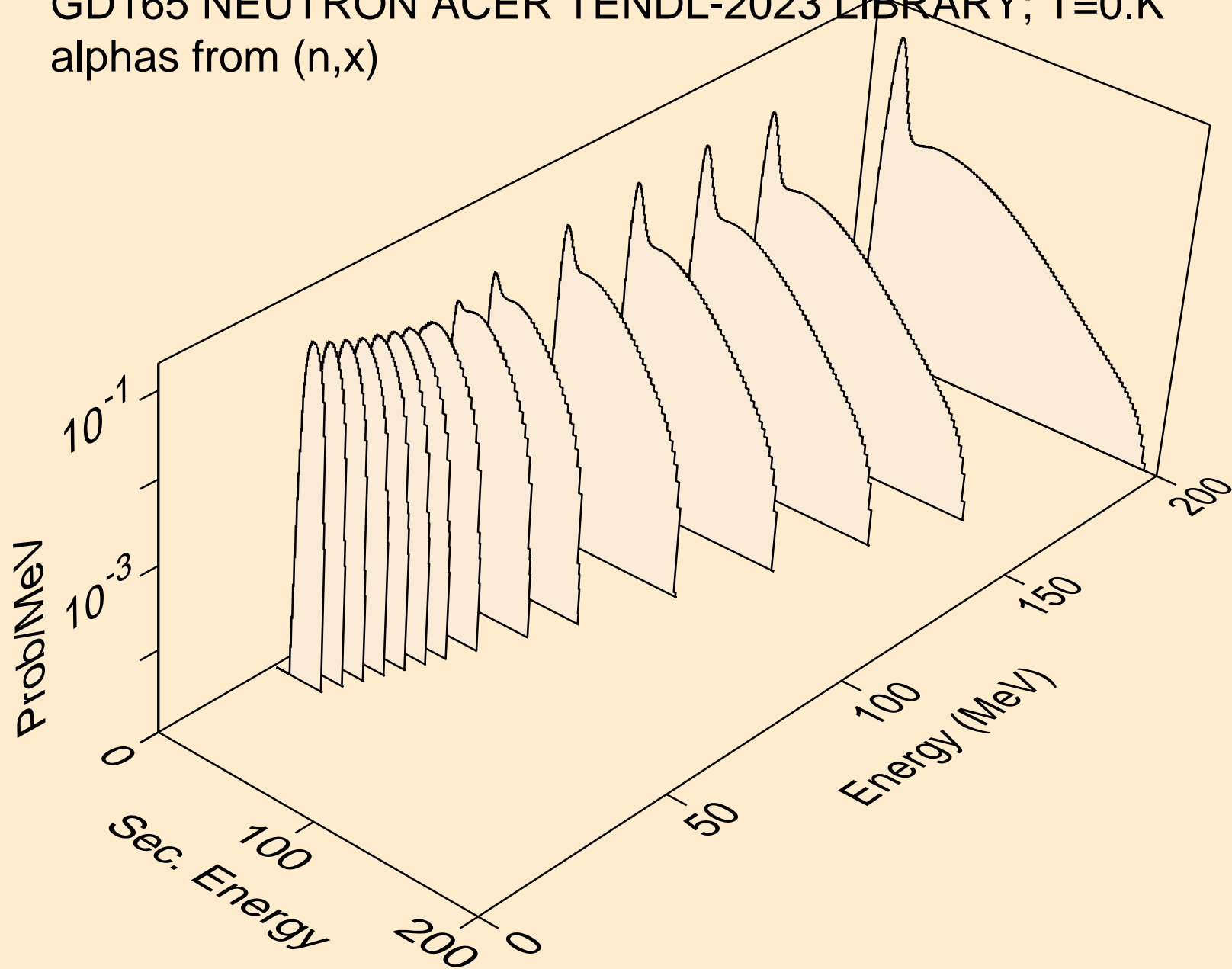
GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,n\*)he3



GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,he3)

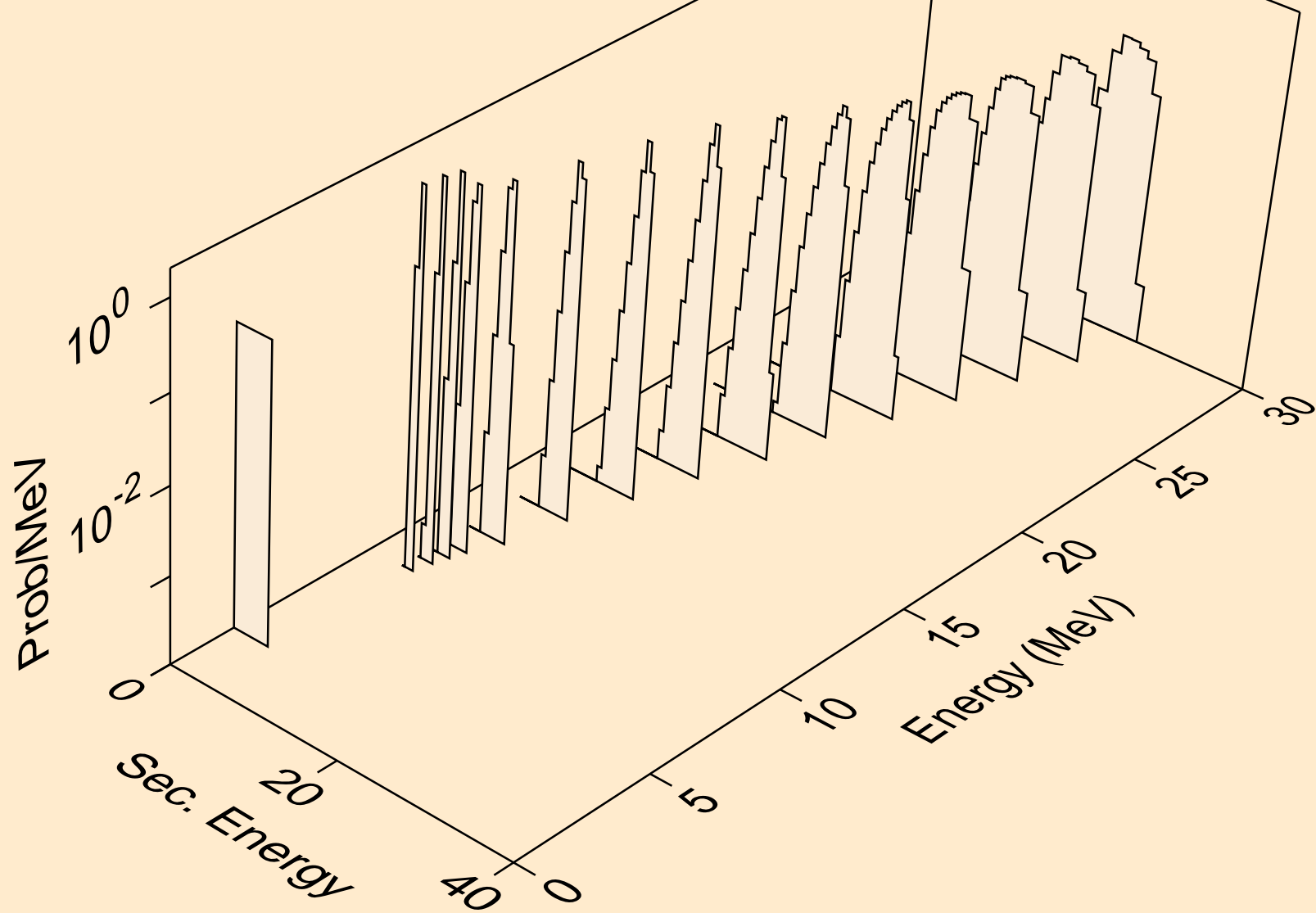


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alphas from (n,x)

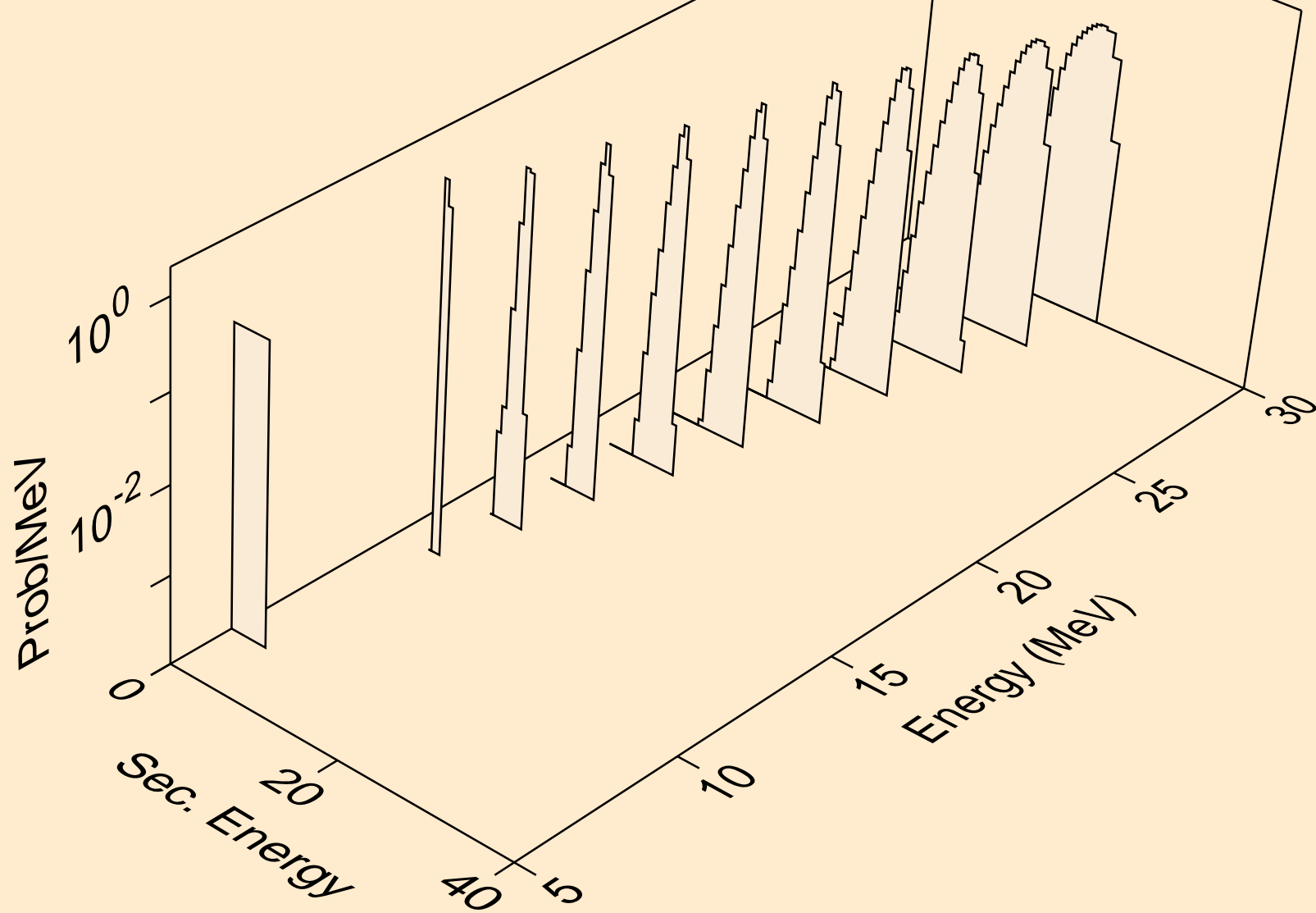




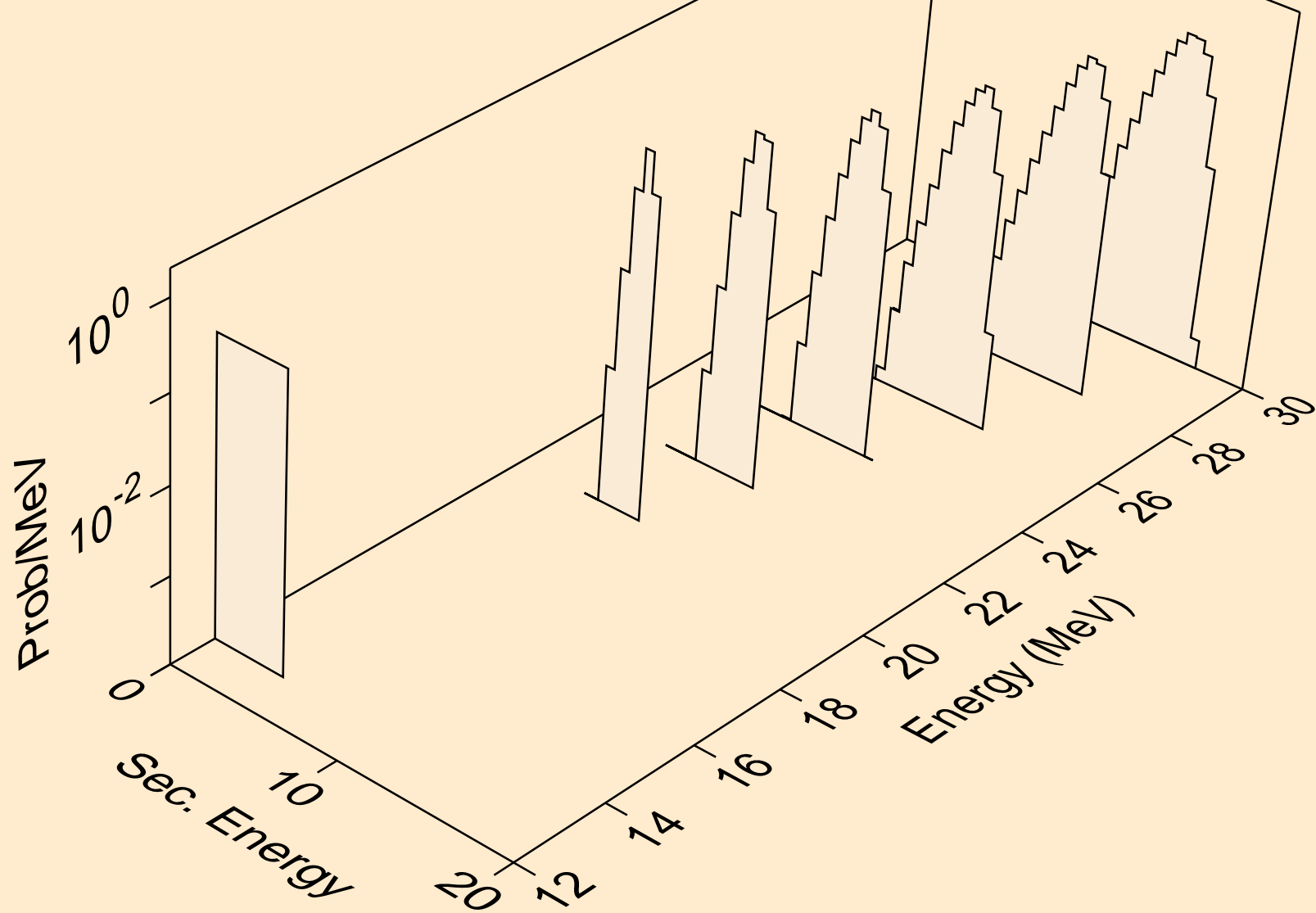
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alphas from (n,n\*)a



GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a



GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3n)a



GD165 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)

