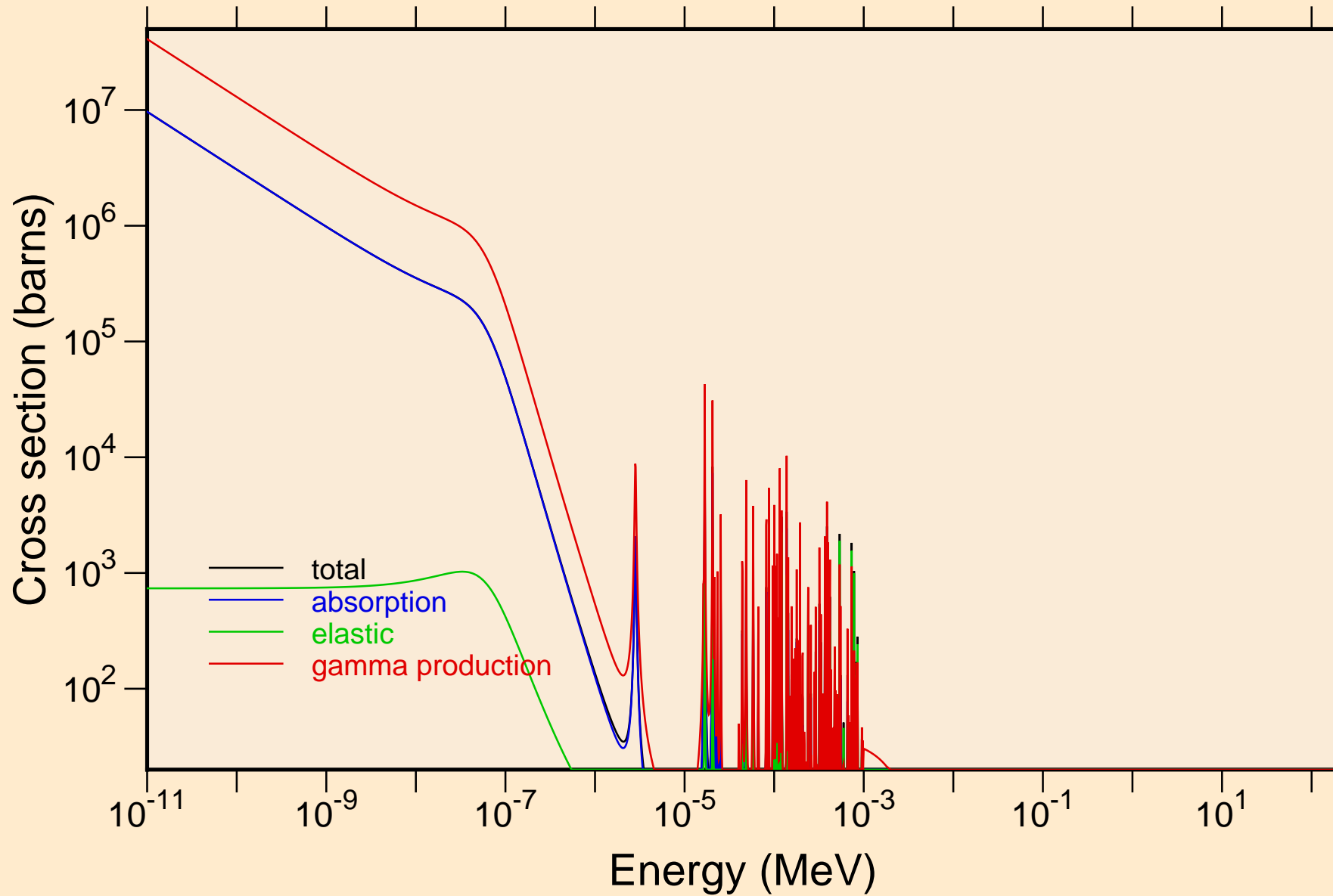
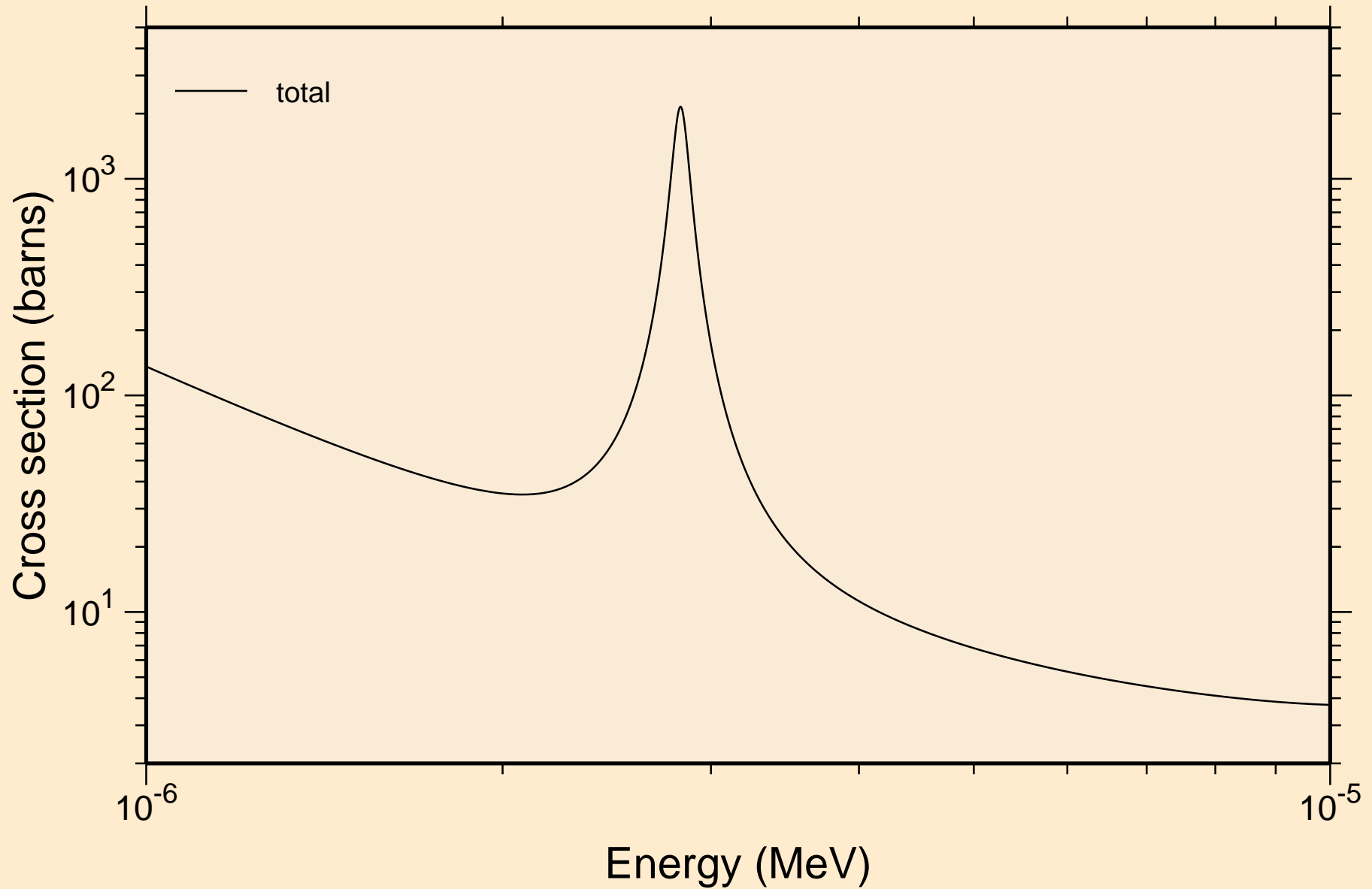


# GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

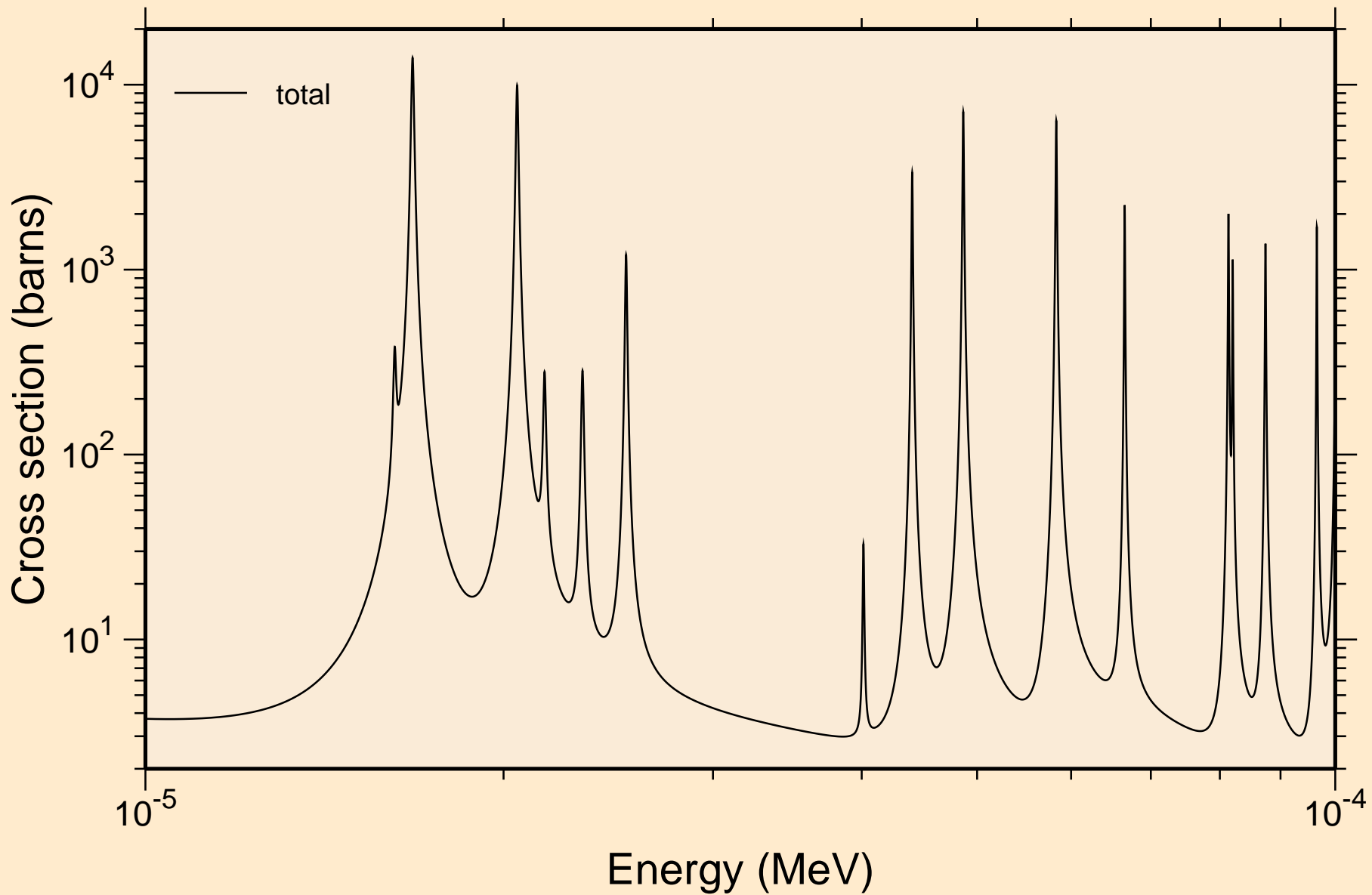
## Principal cross sections



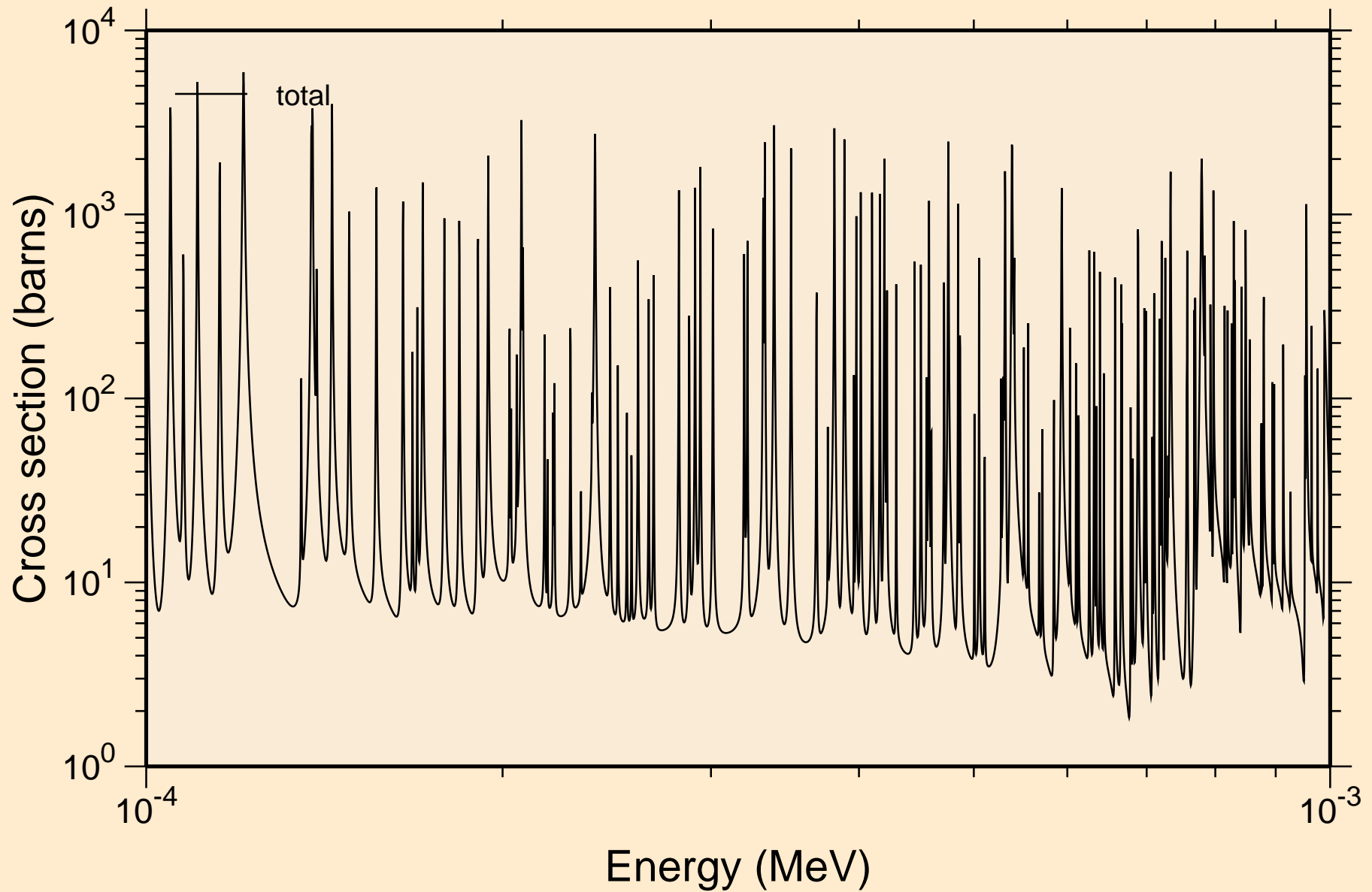
GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



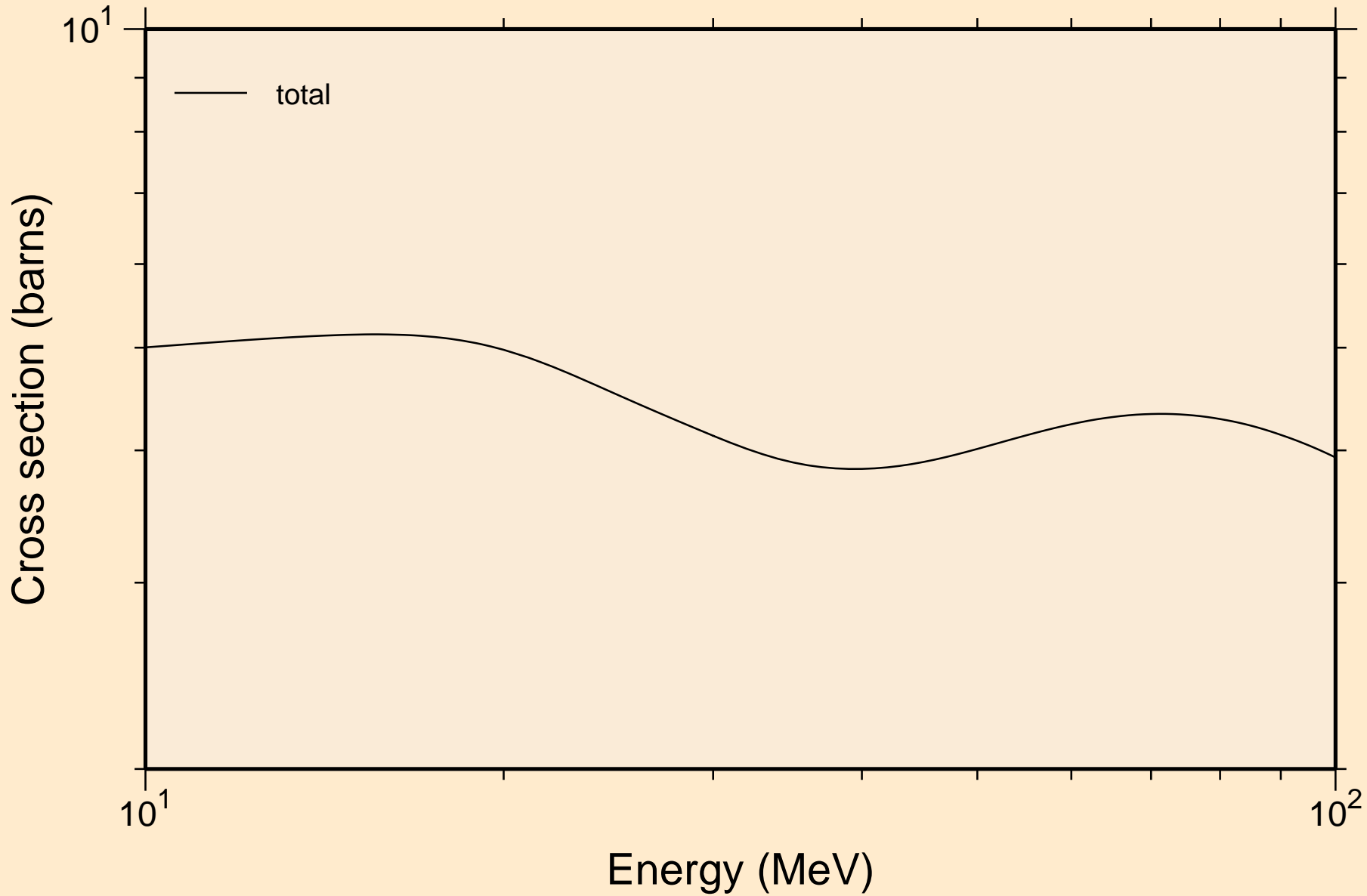
GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



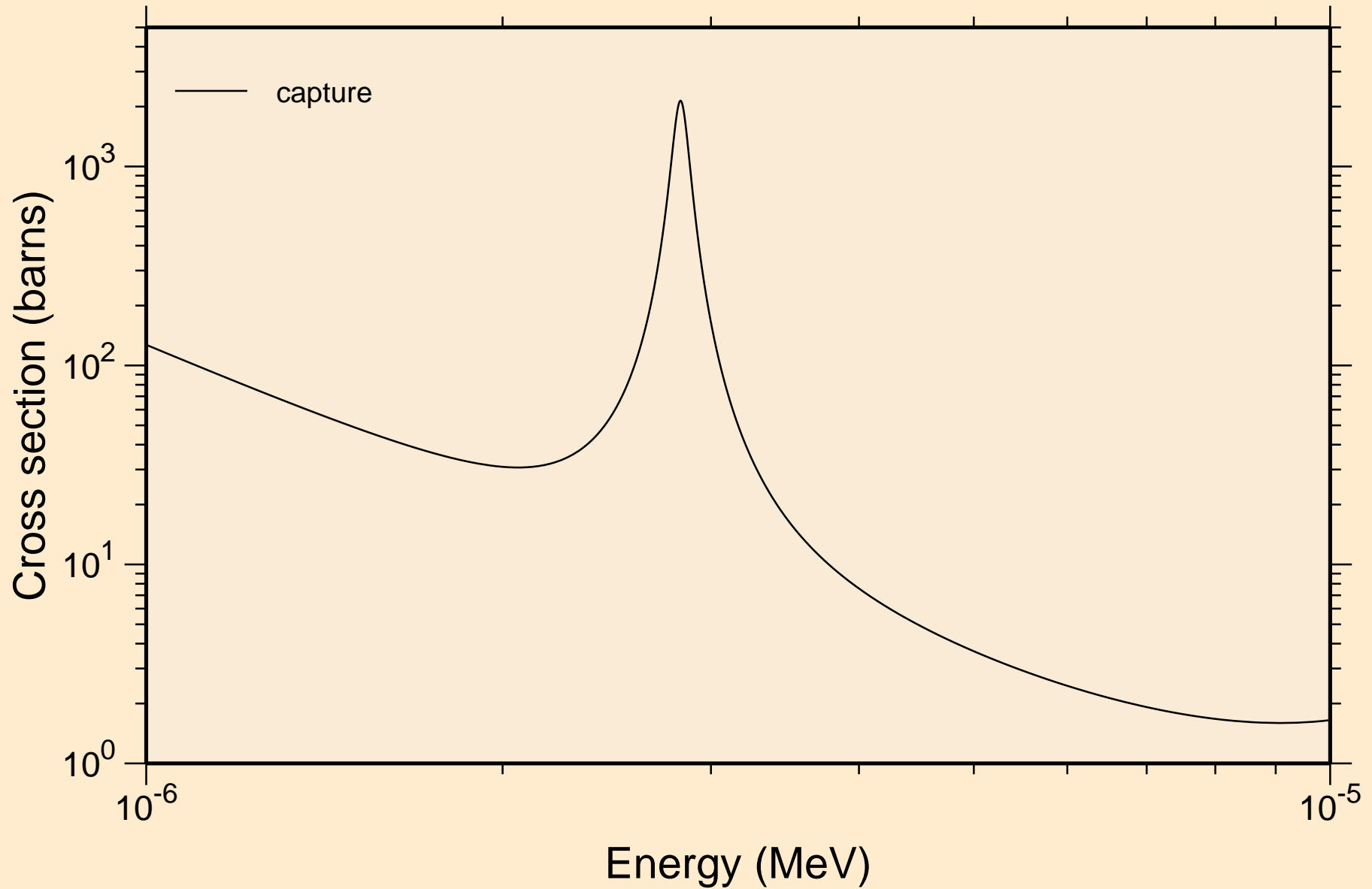
GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



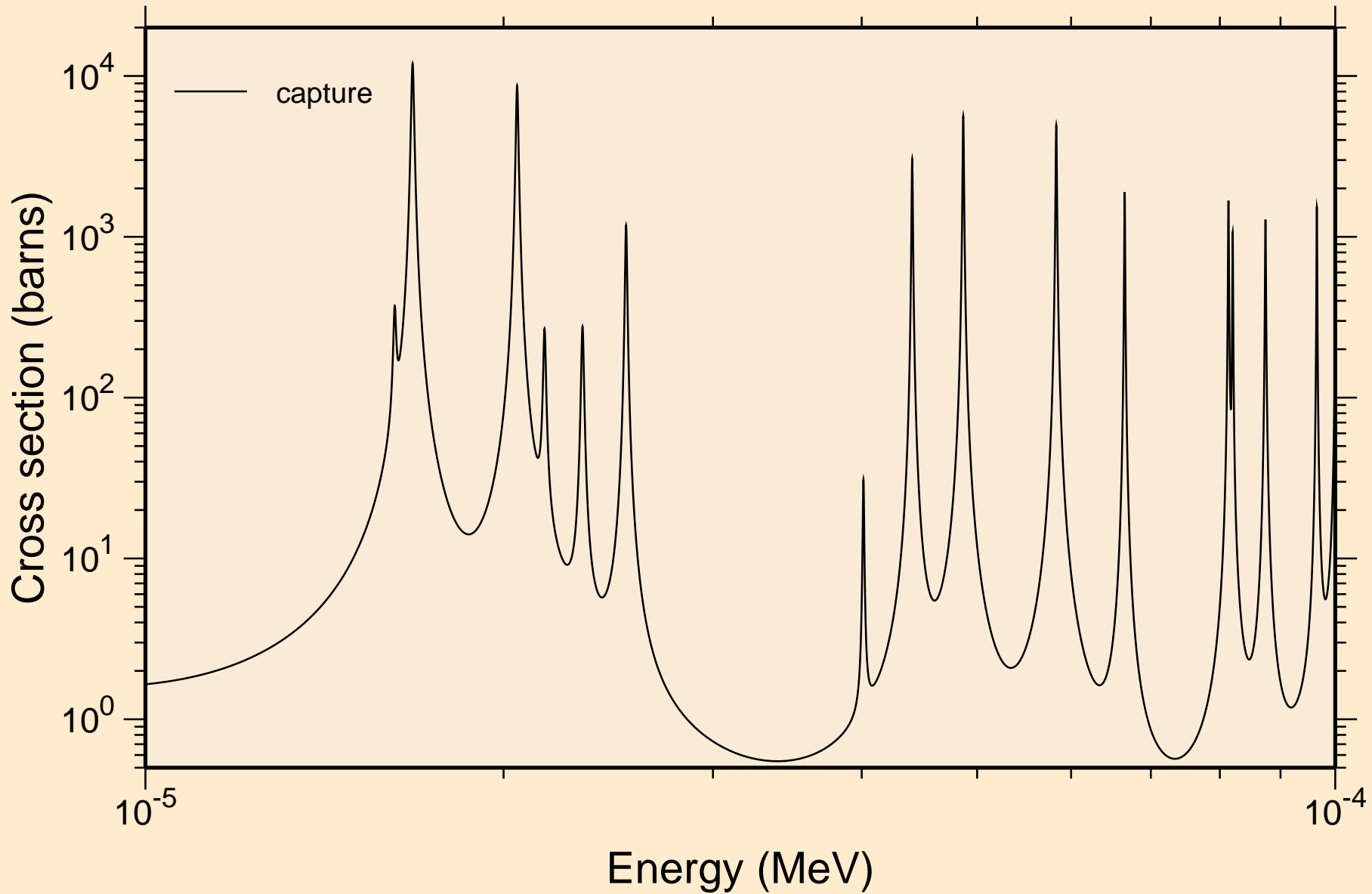
GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



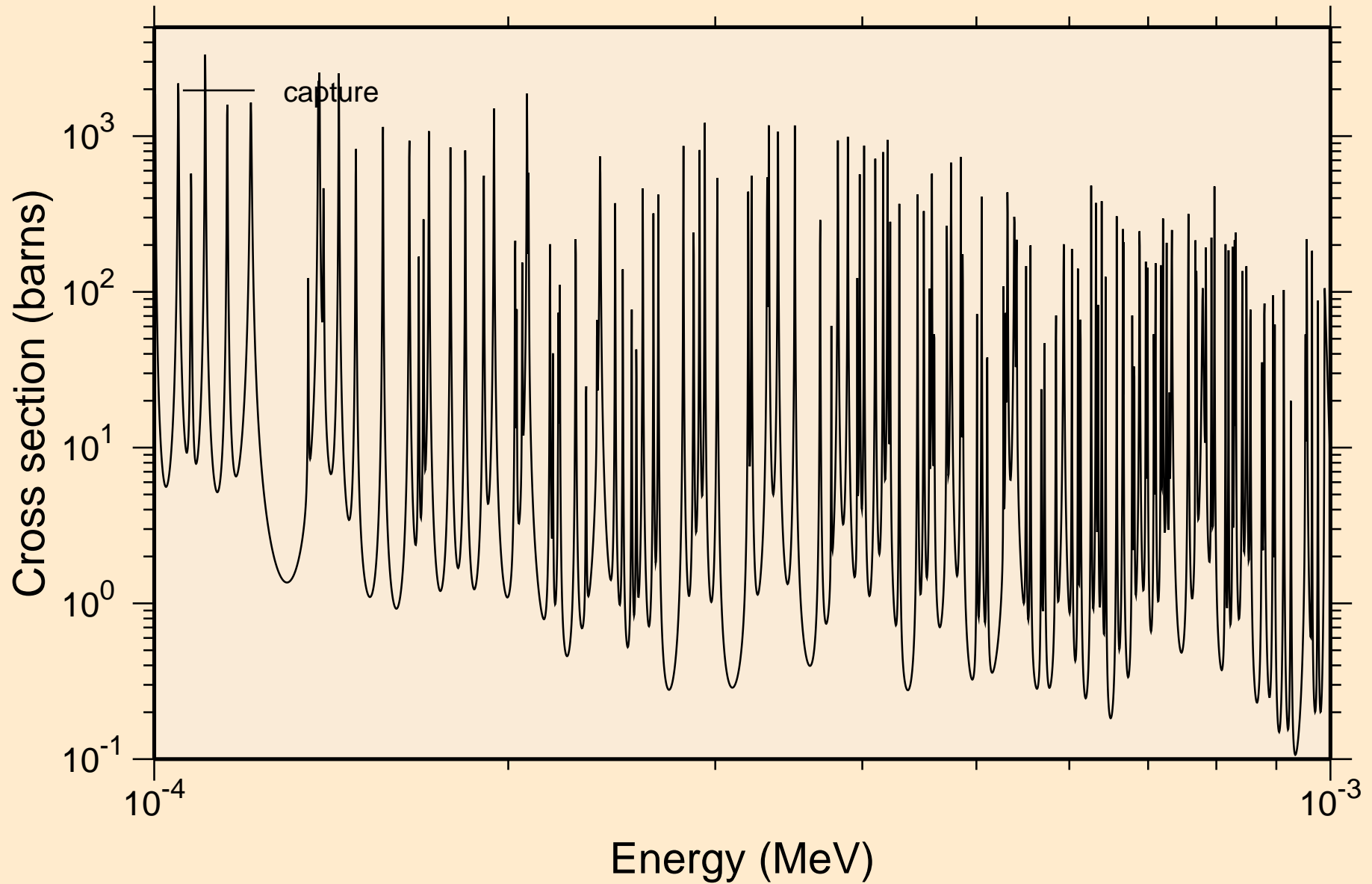
GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

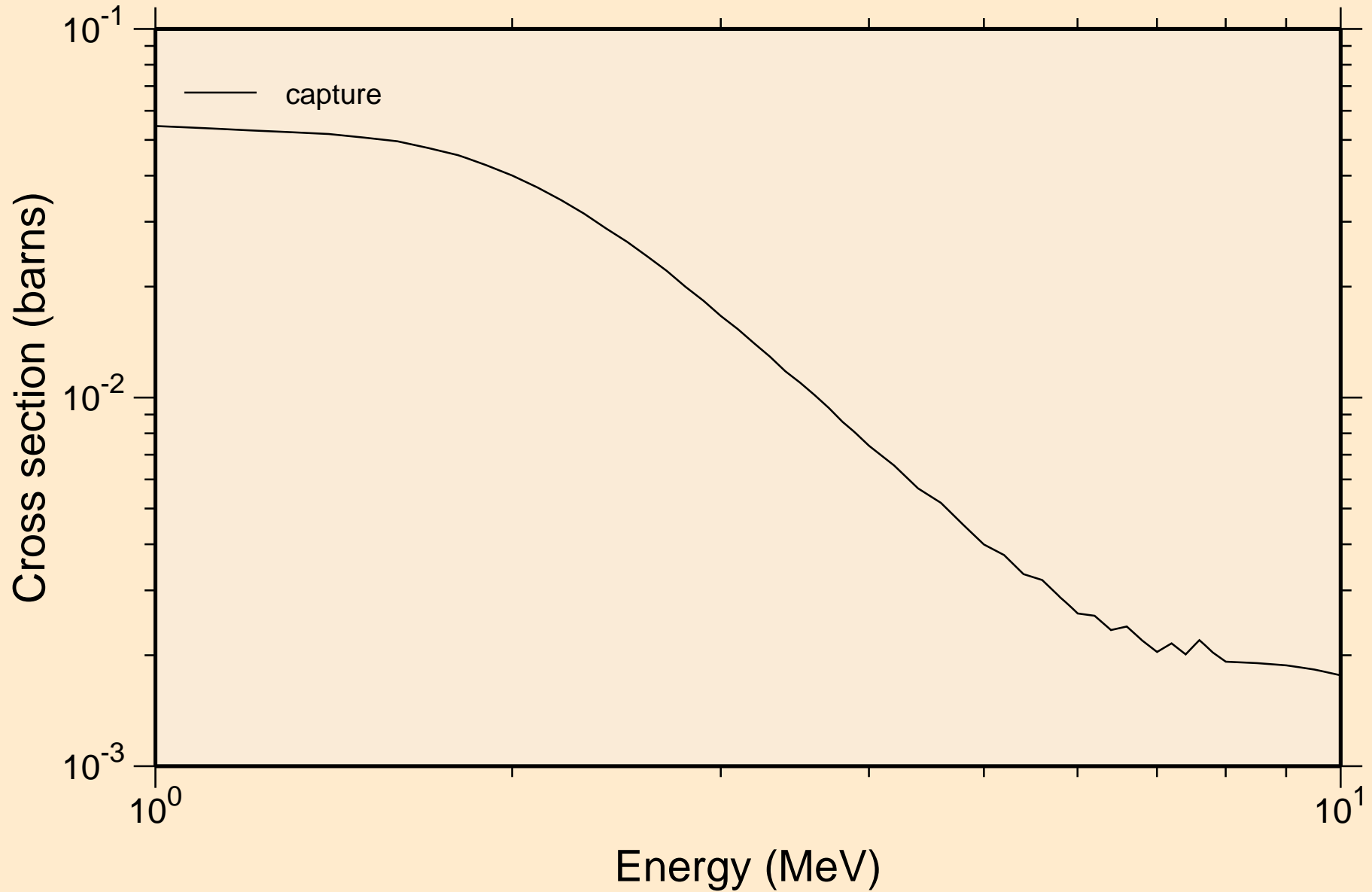


GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



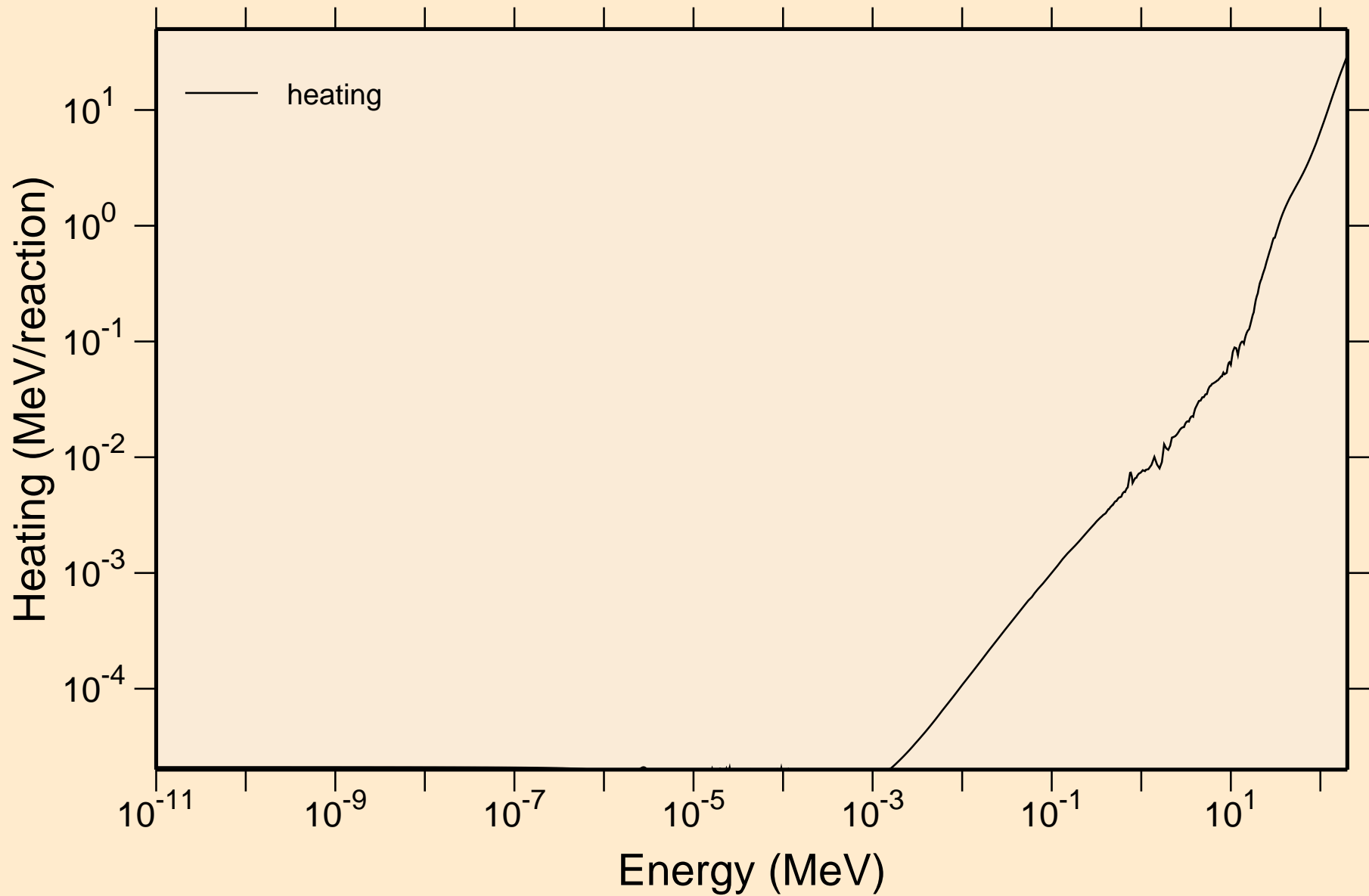


GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



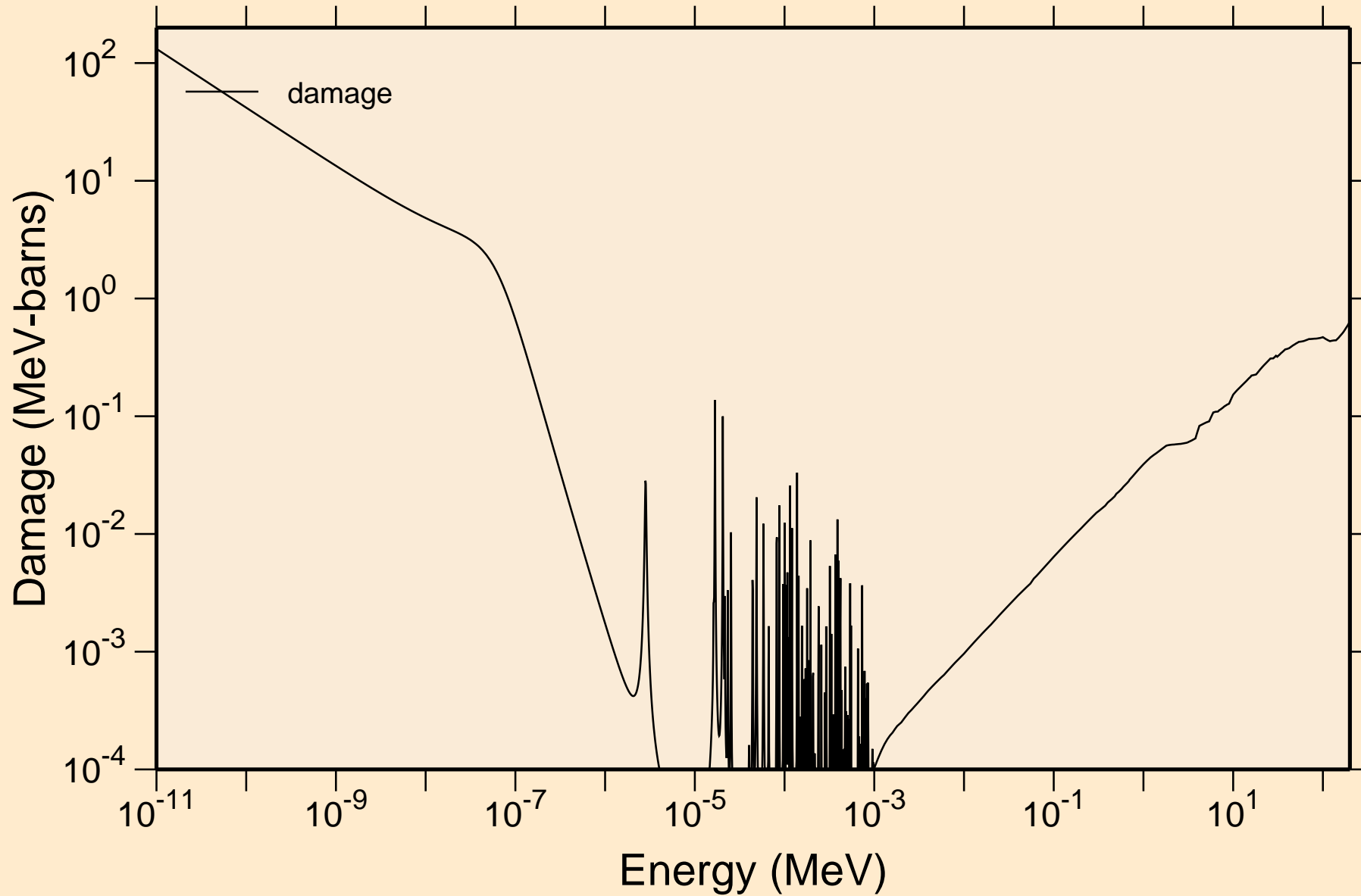
# GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



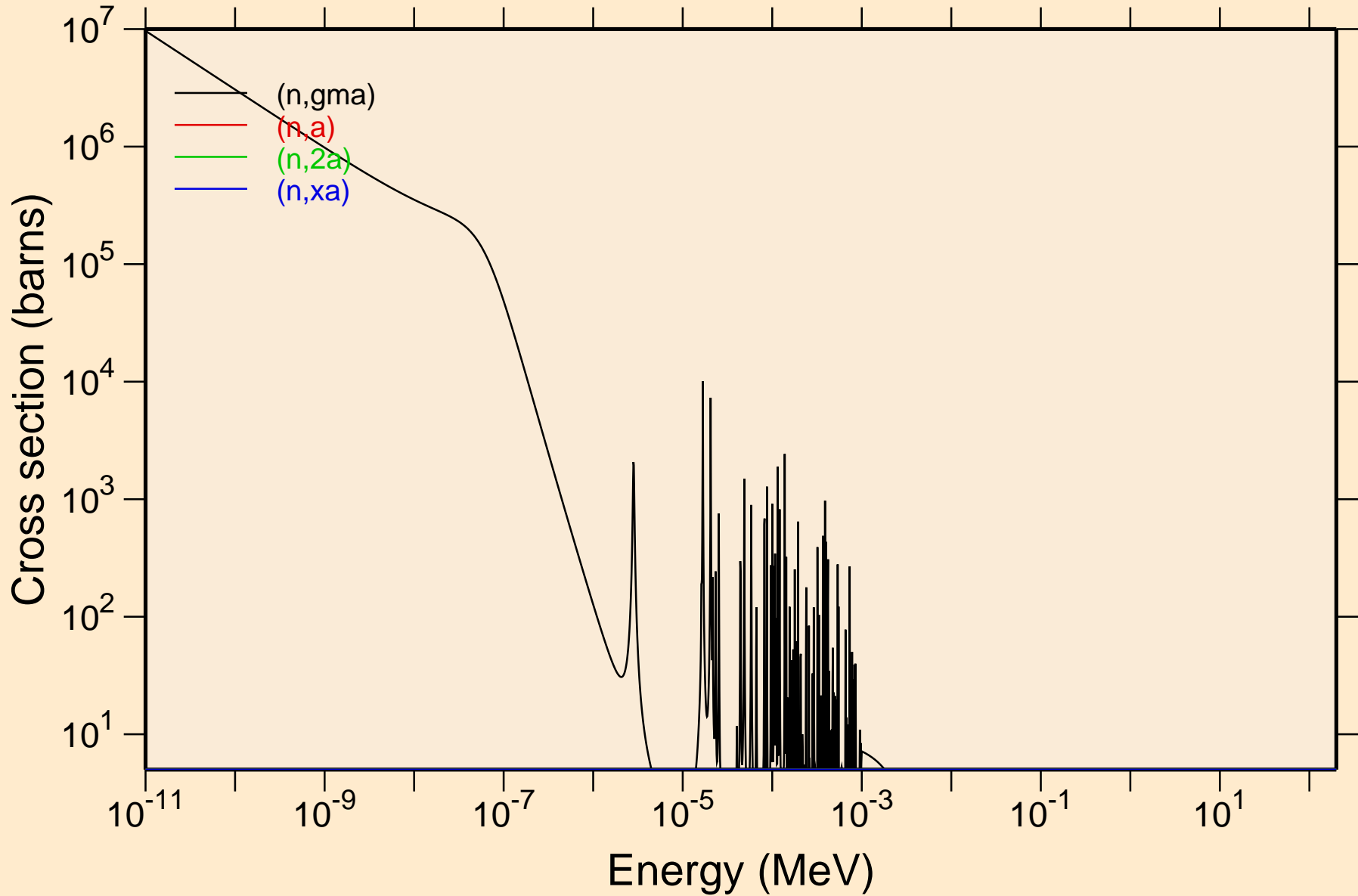
# GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage



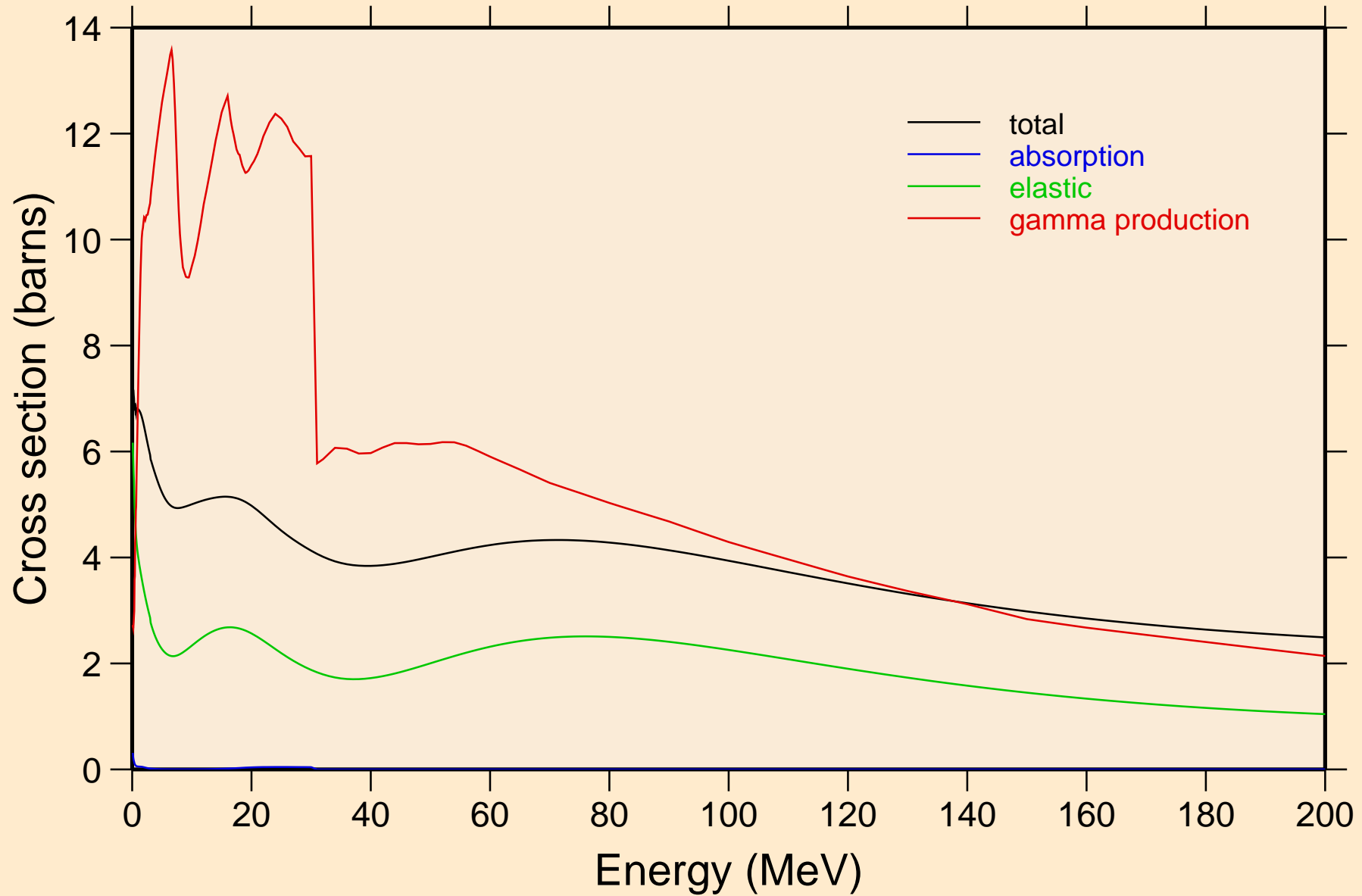
# GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions



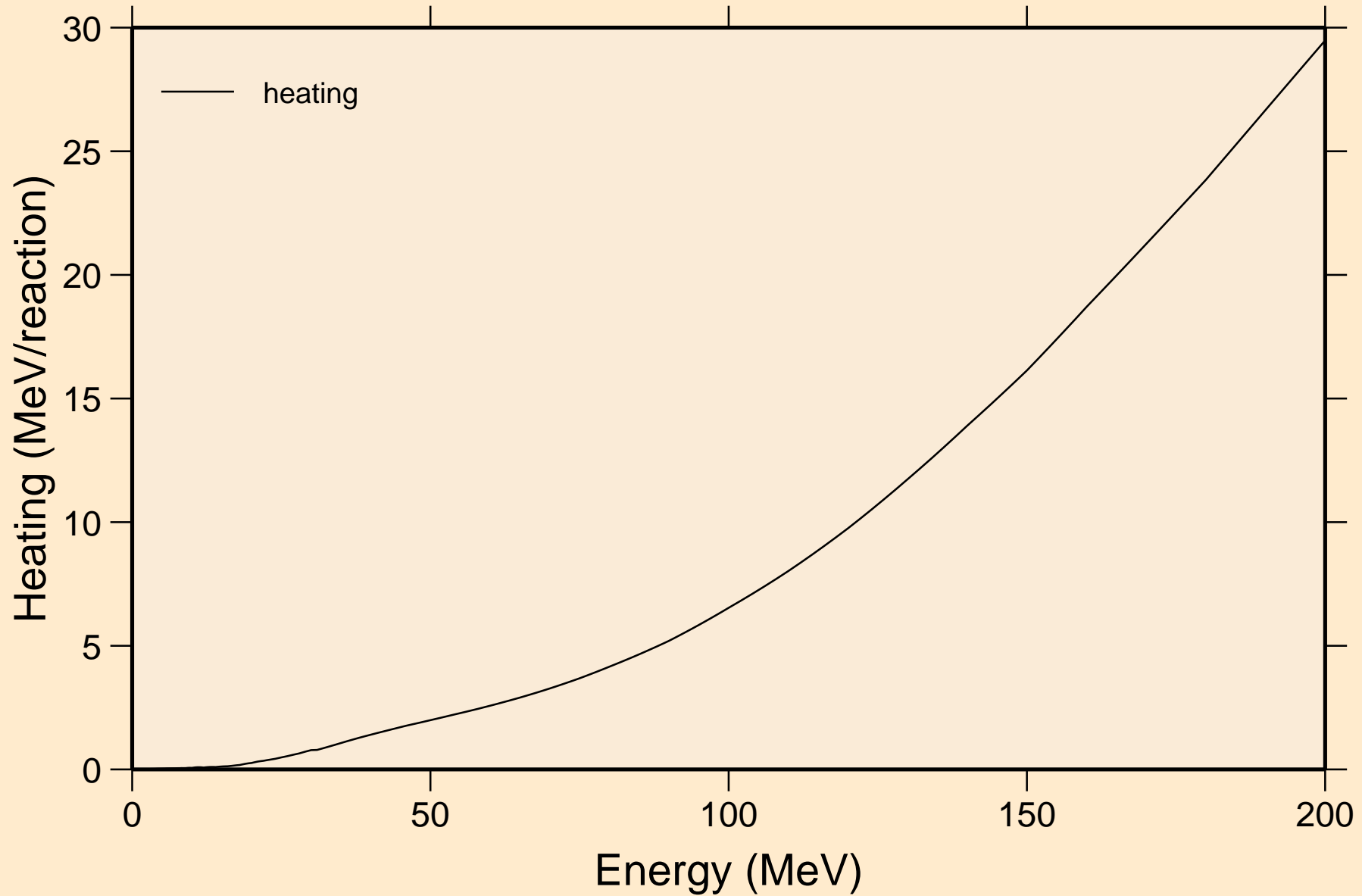
# GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



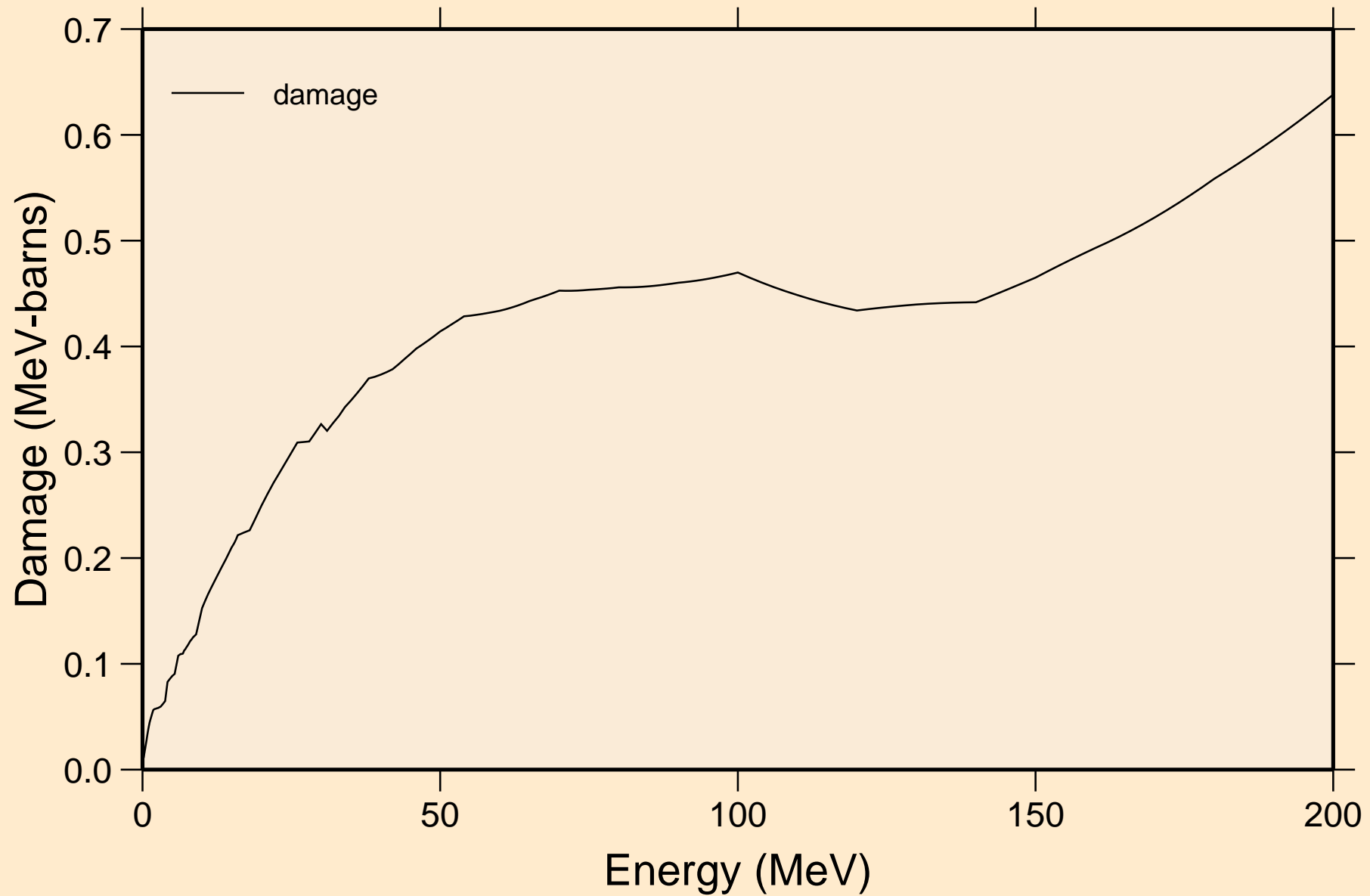
# GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



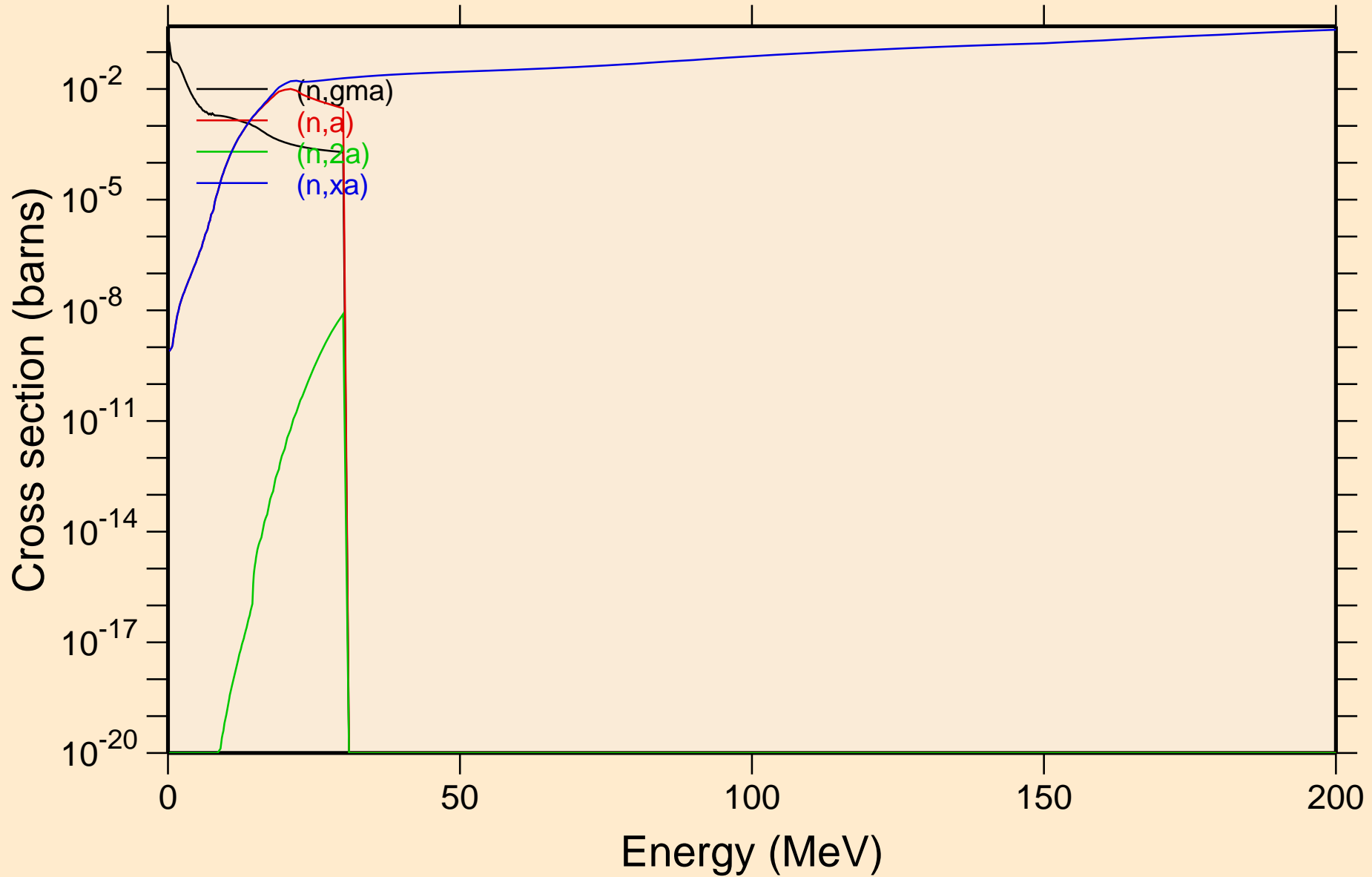
# GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage



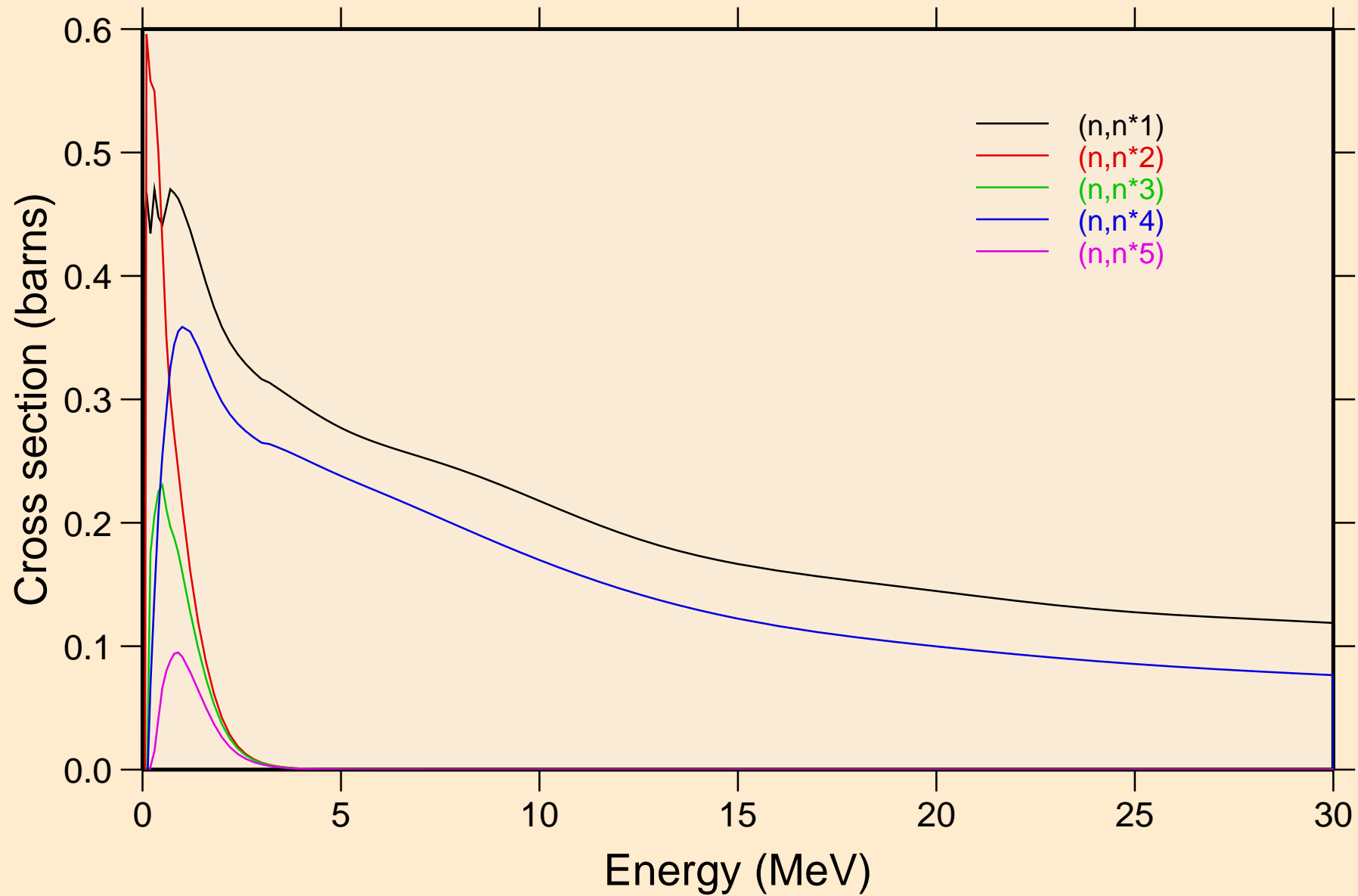
# GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions



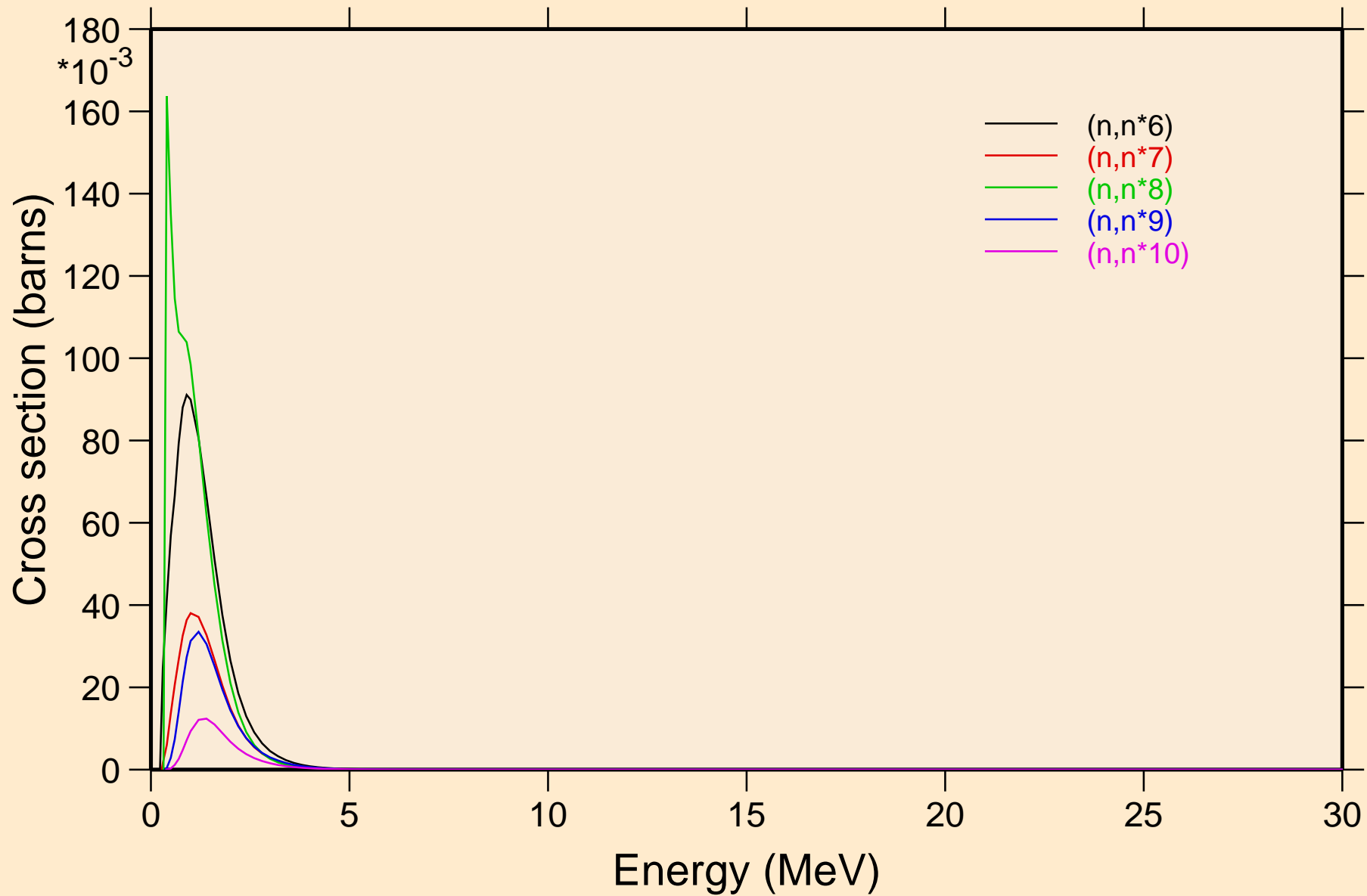


GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



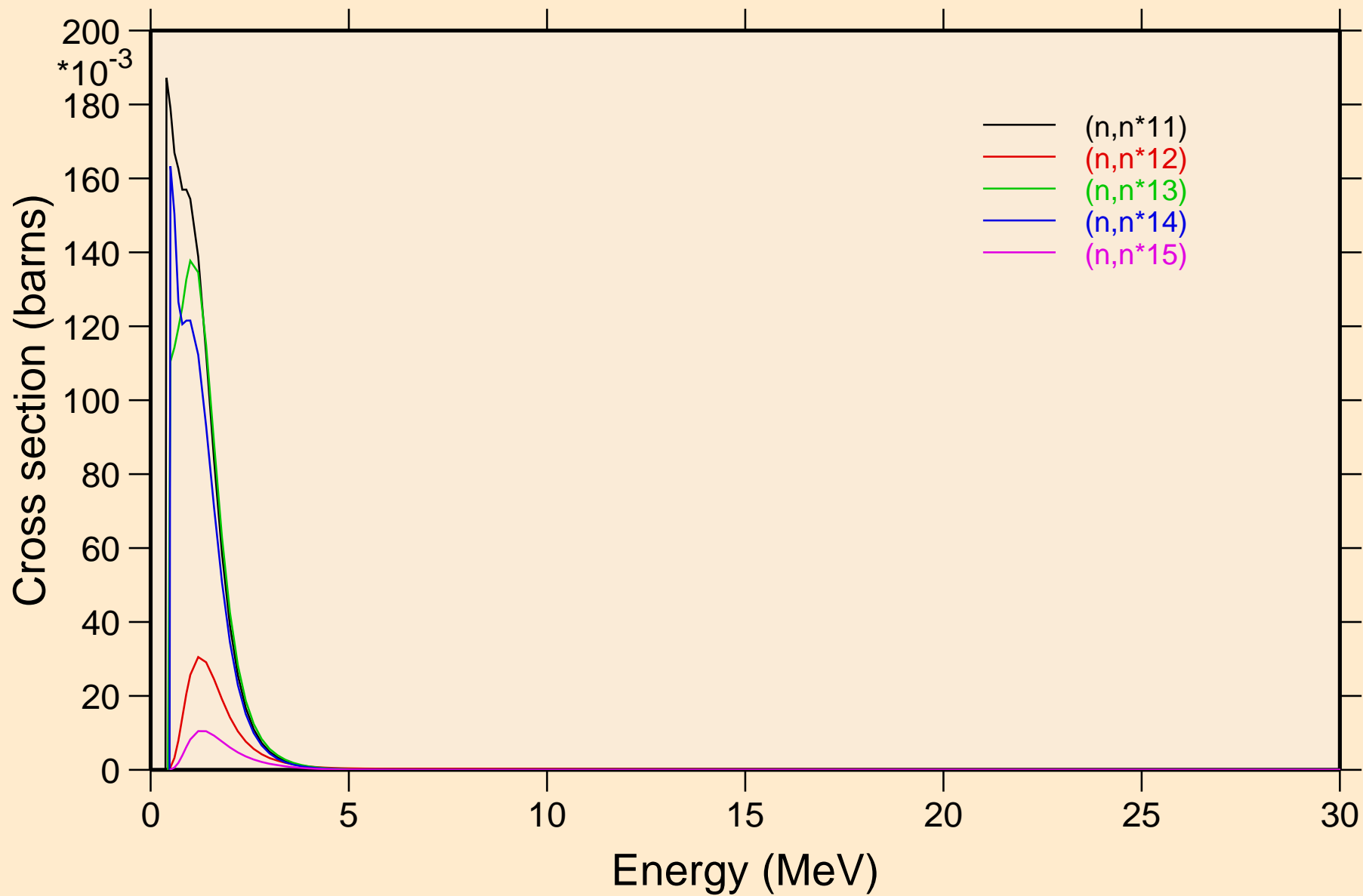
# GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels



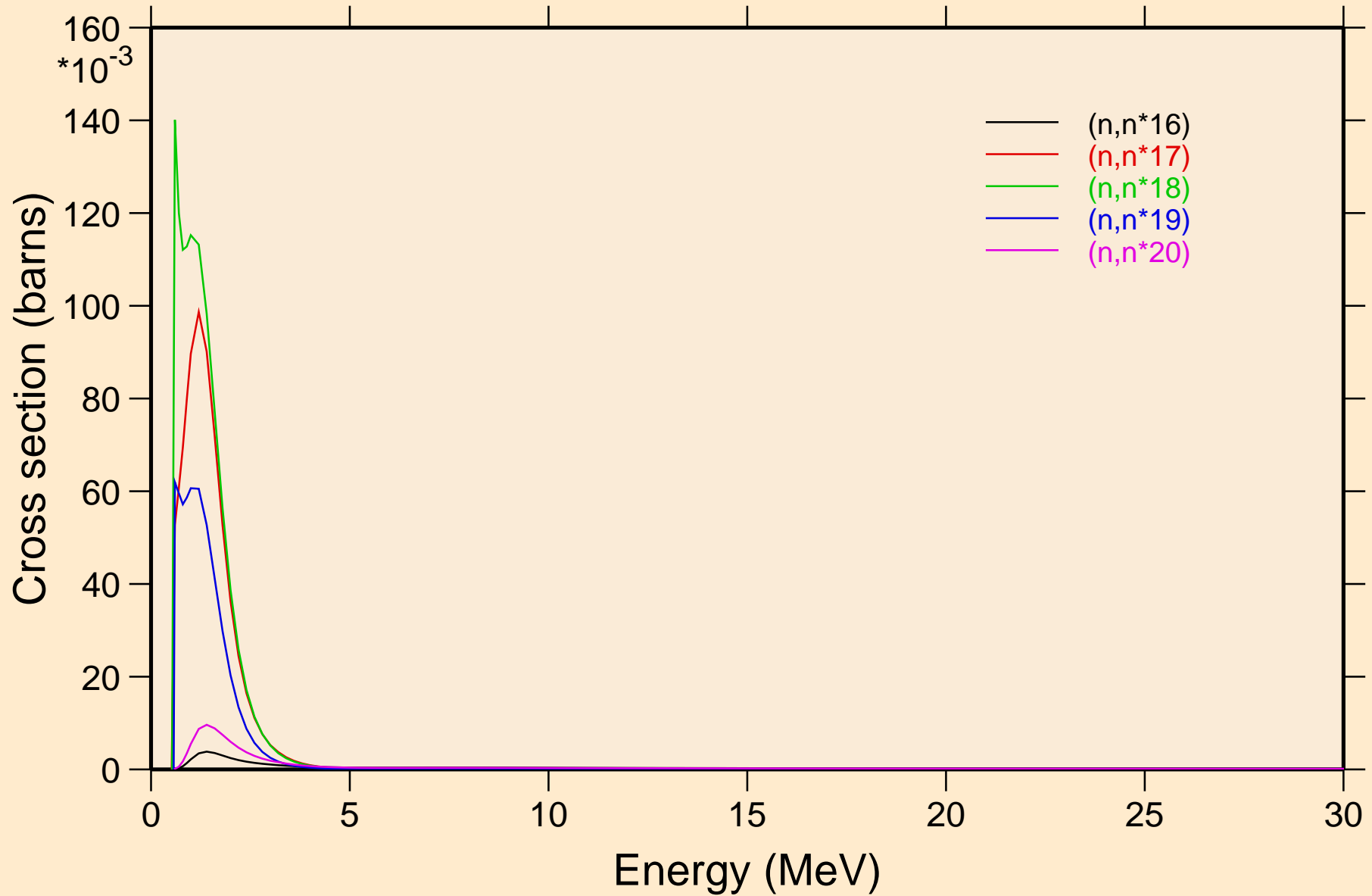
# GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels

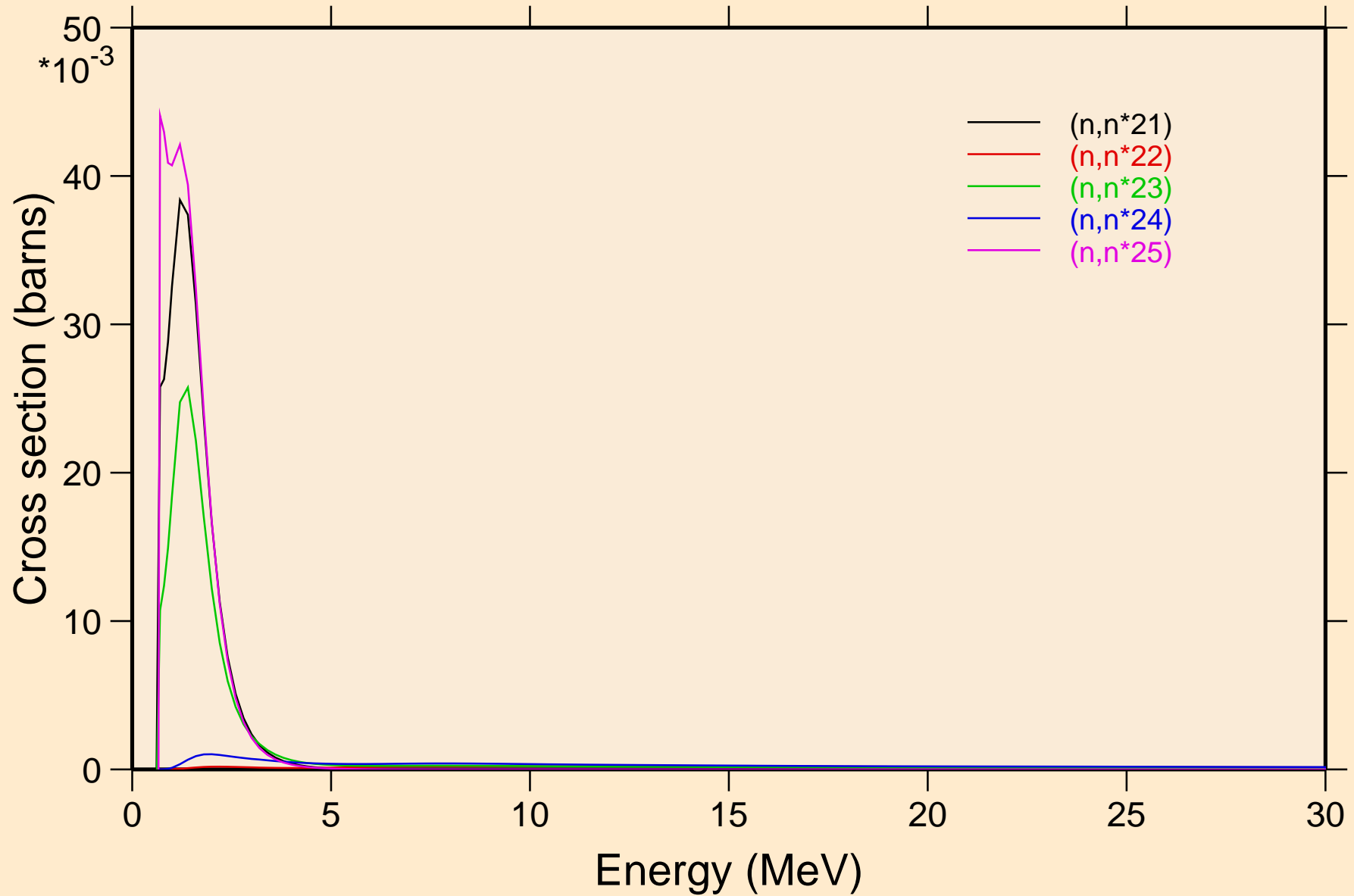


# GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

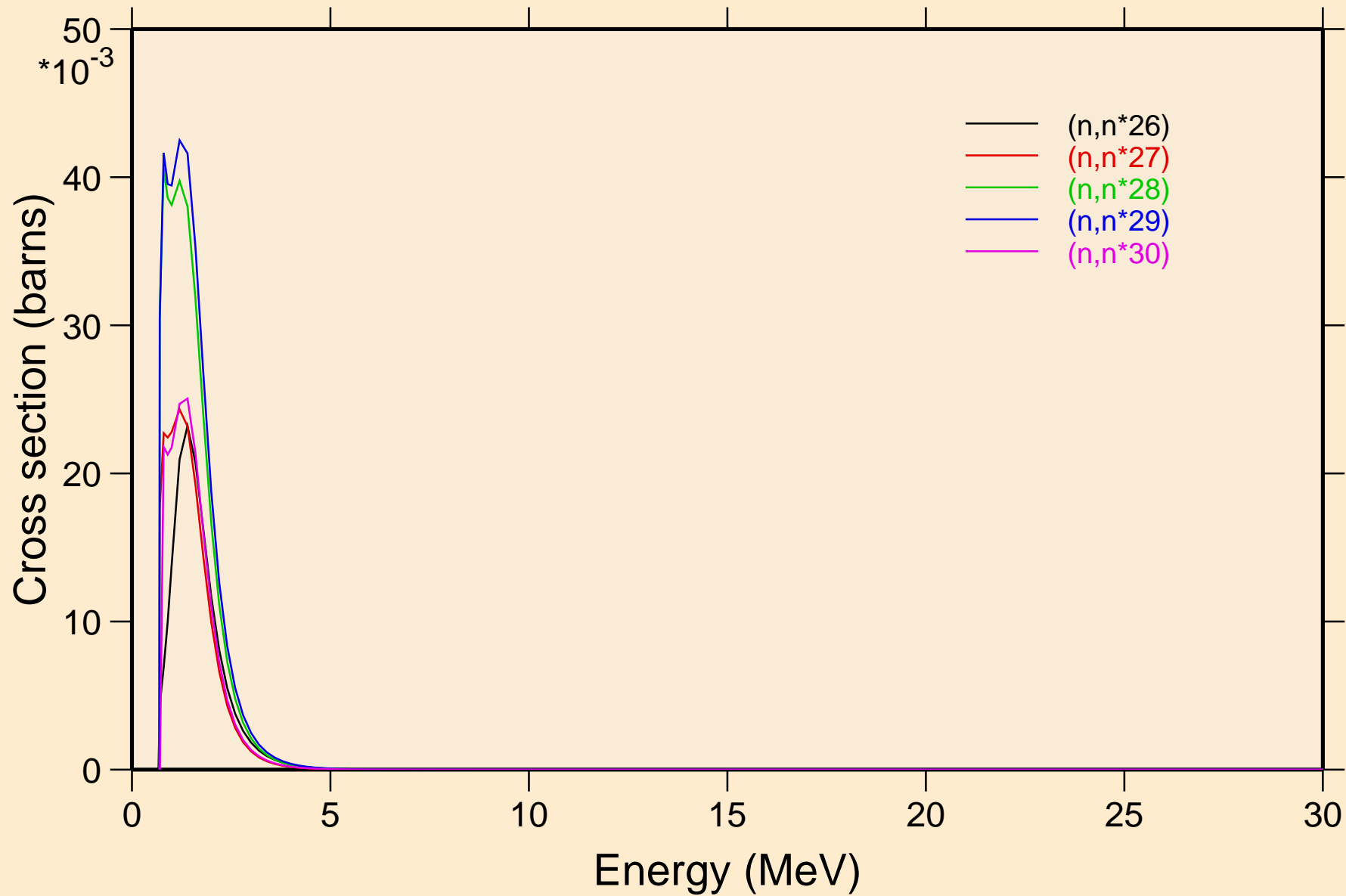
## Inelastic levels



GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

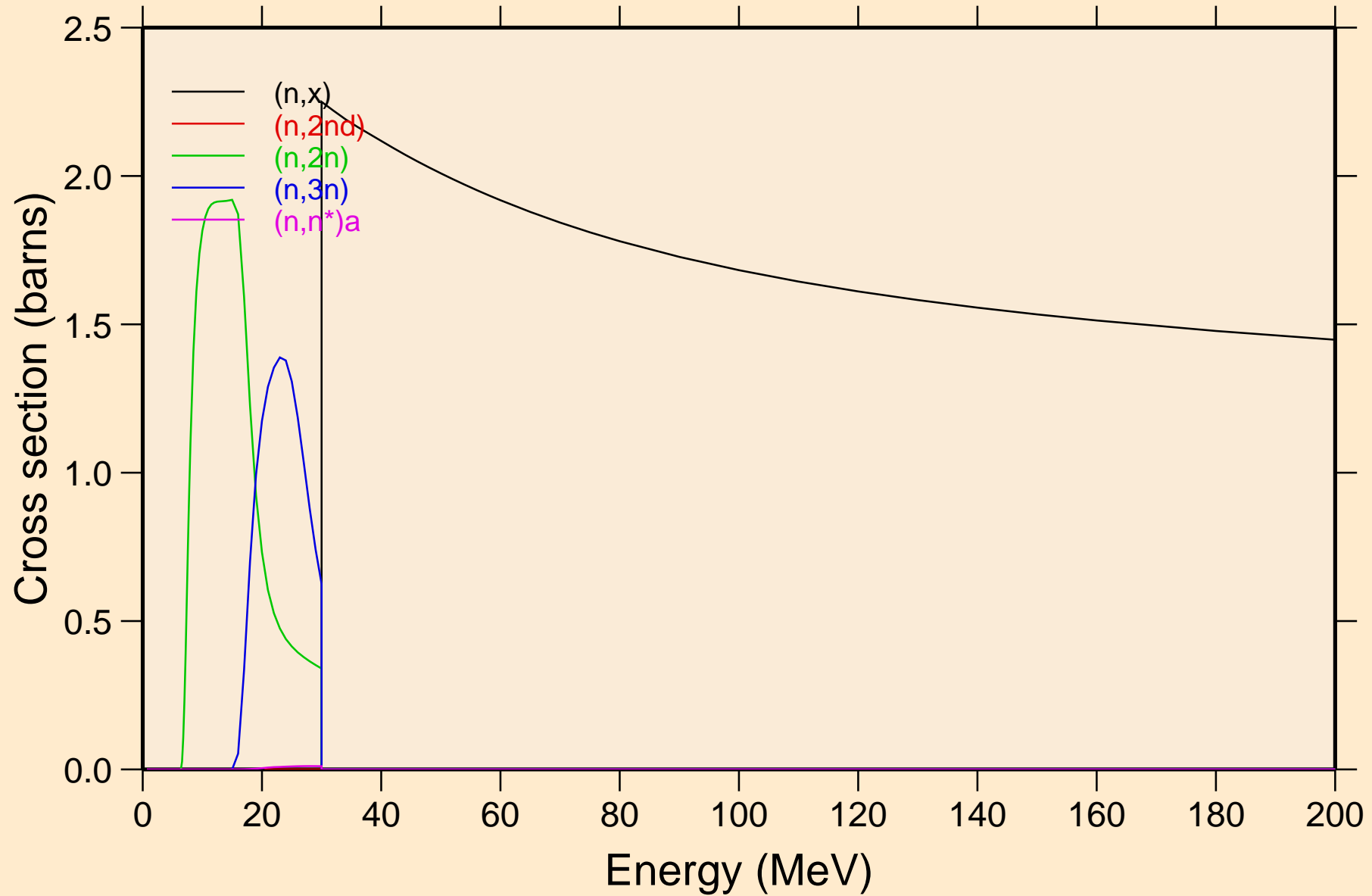


GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

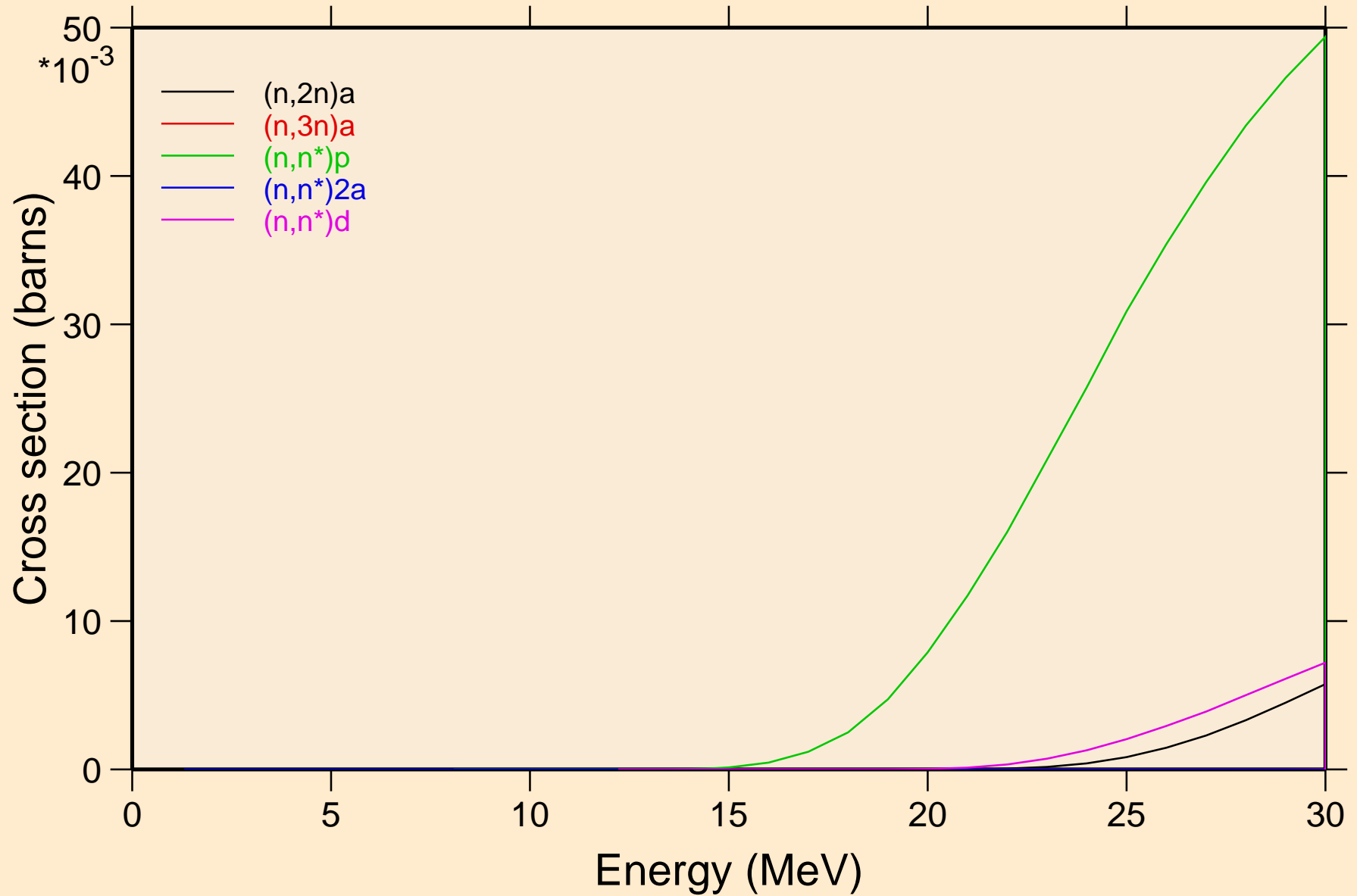


# GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

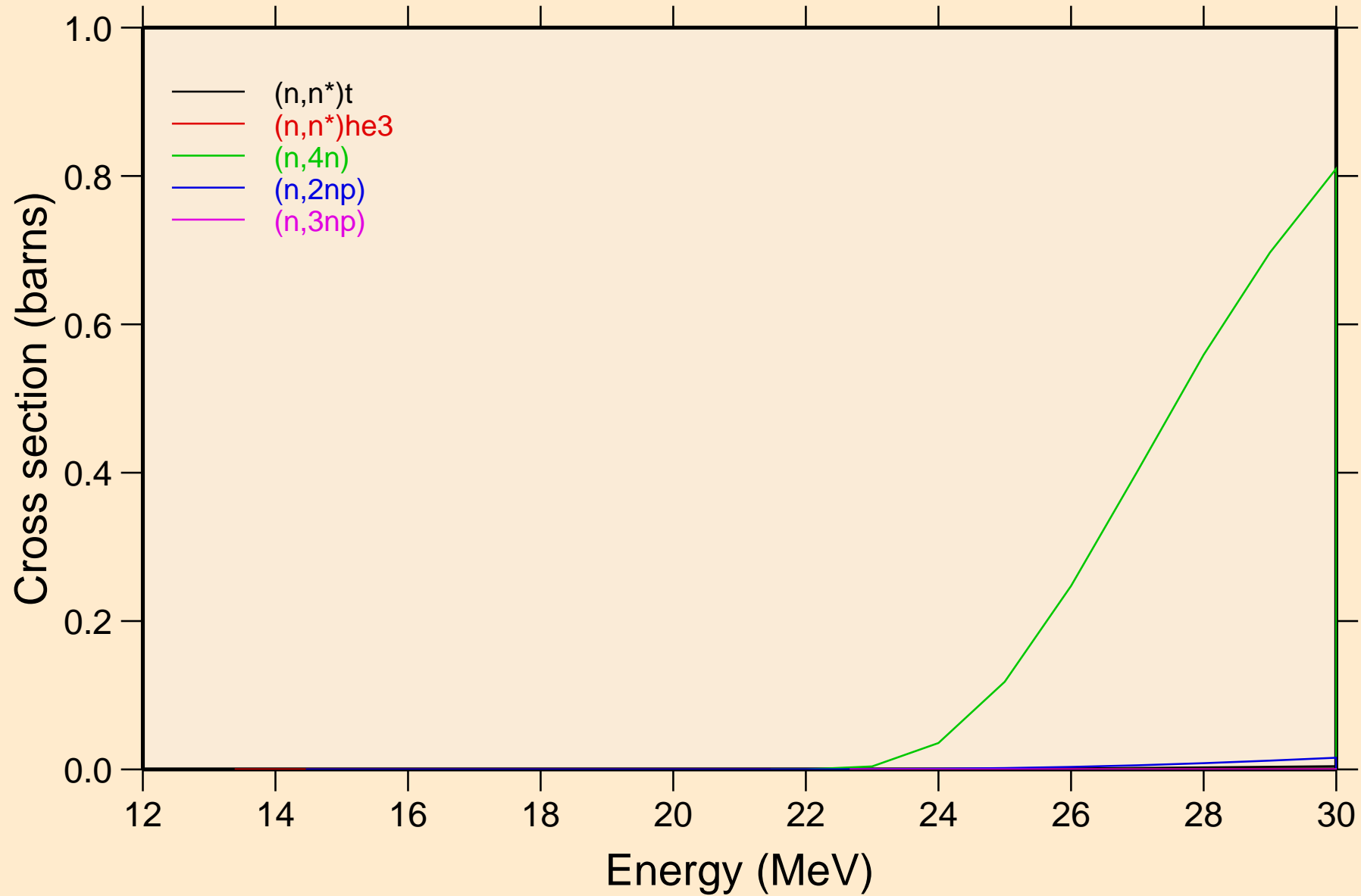


GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



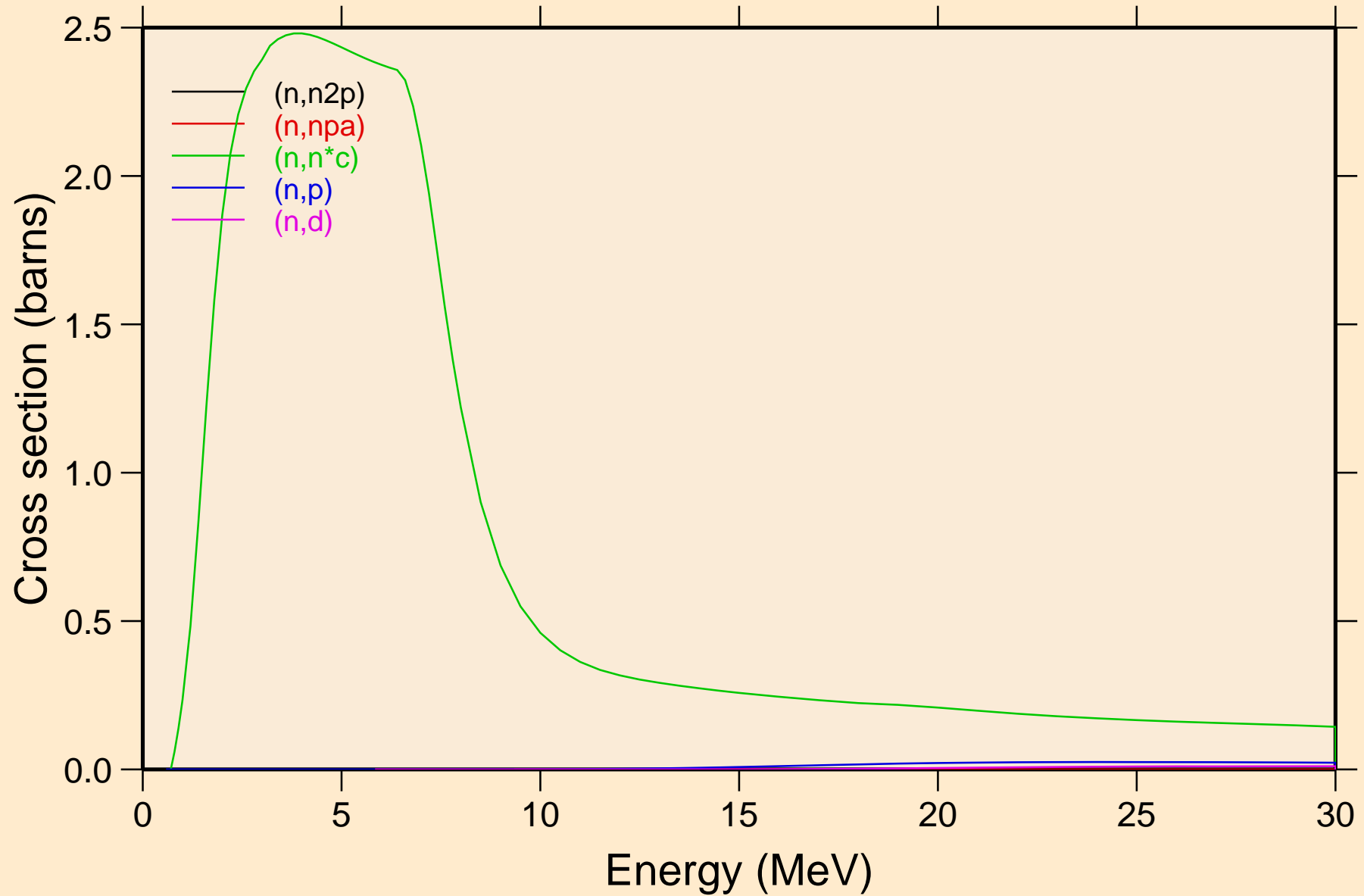


GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

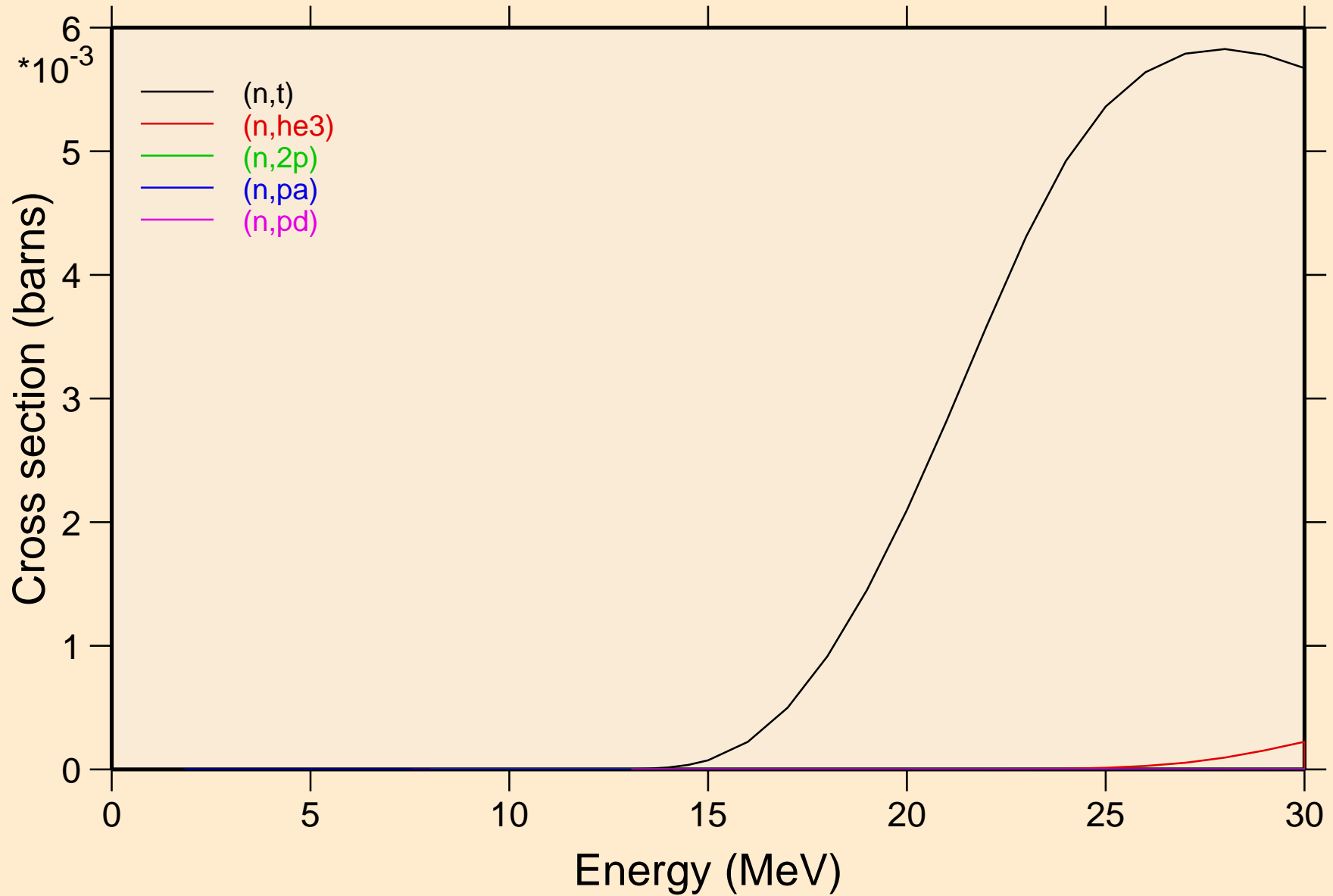


# GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

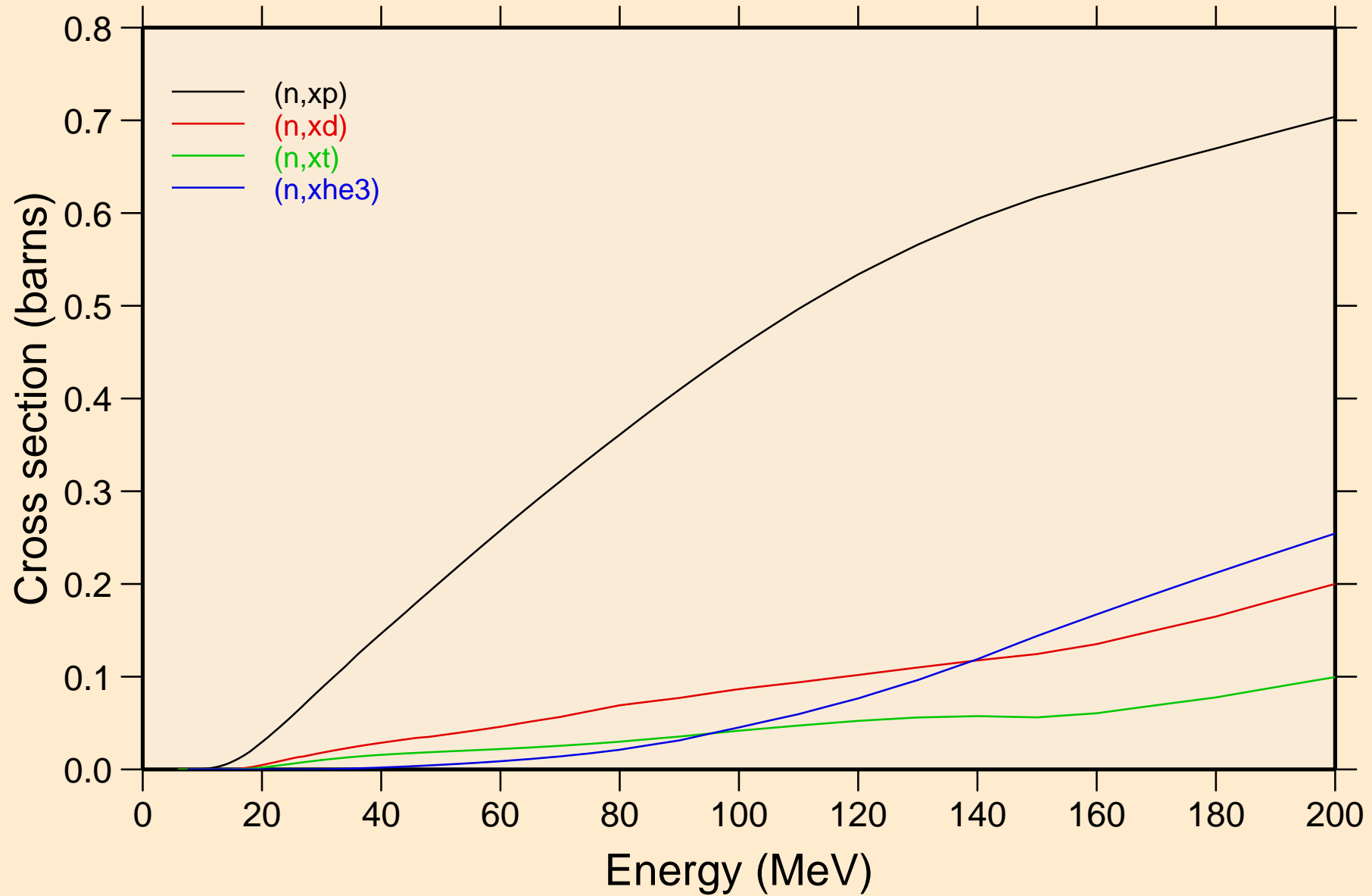


GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

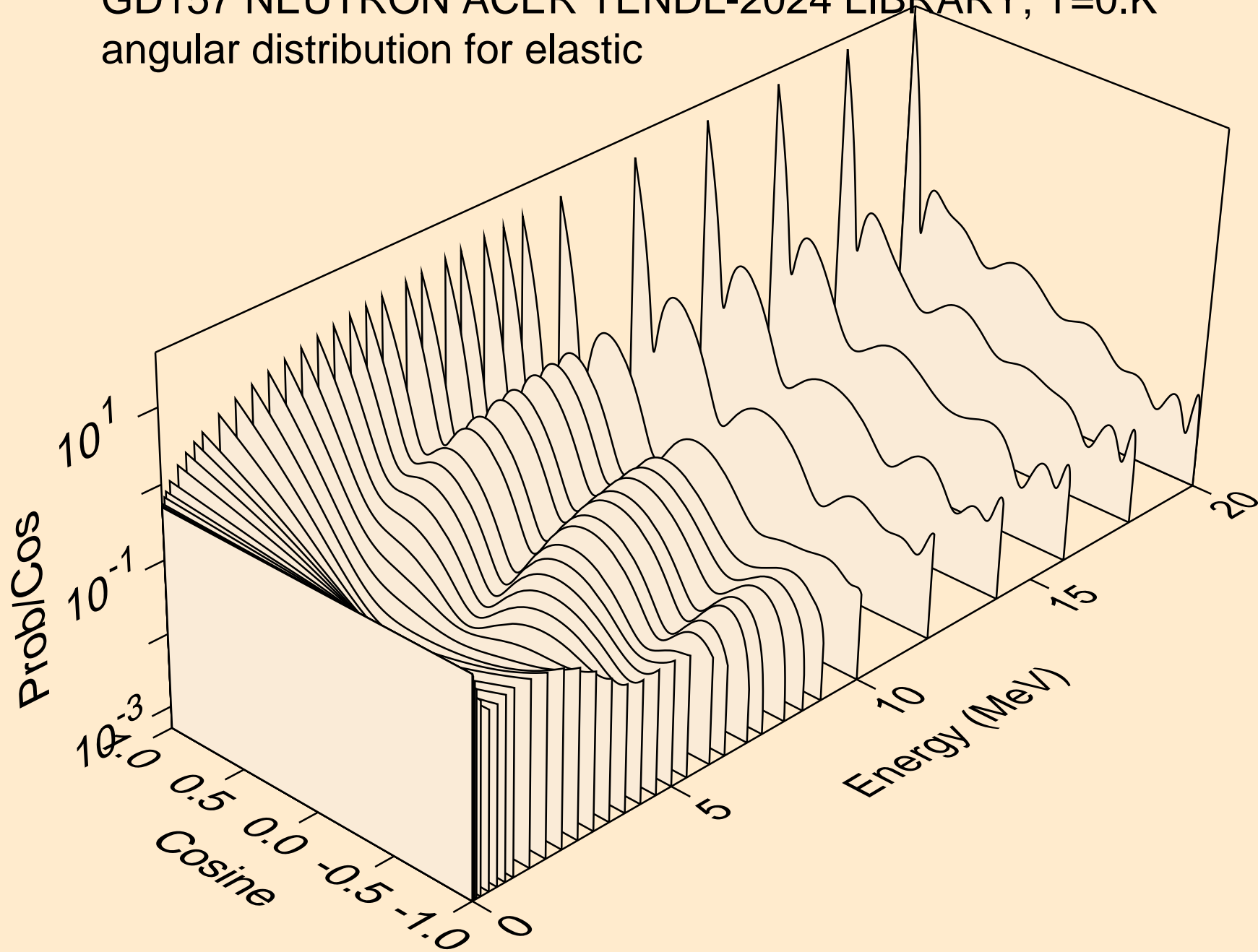


# GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

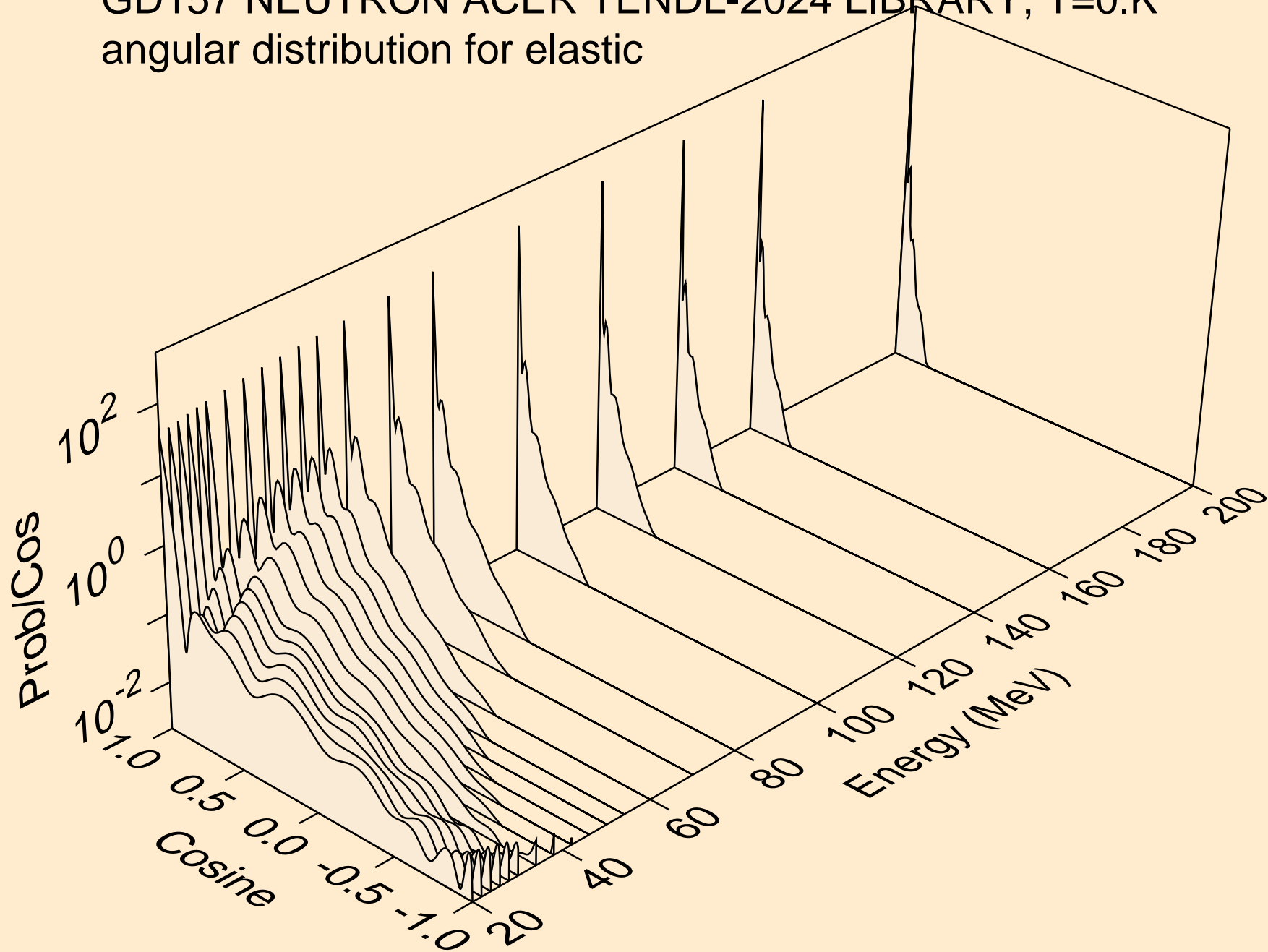
## Threshold reactions



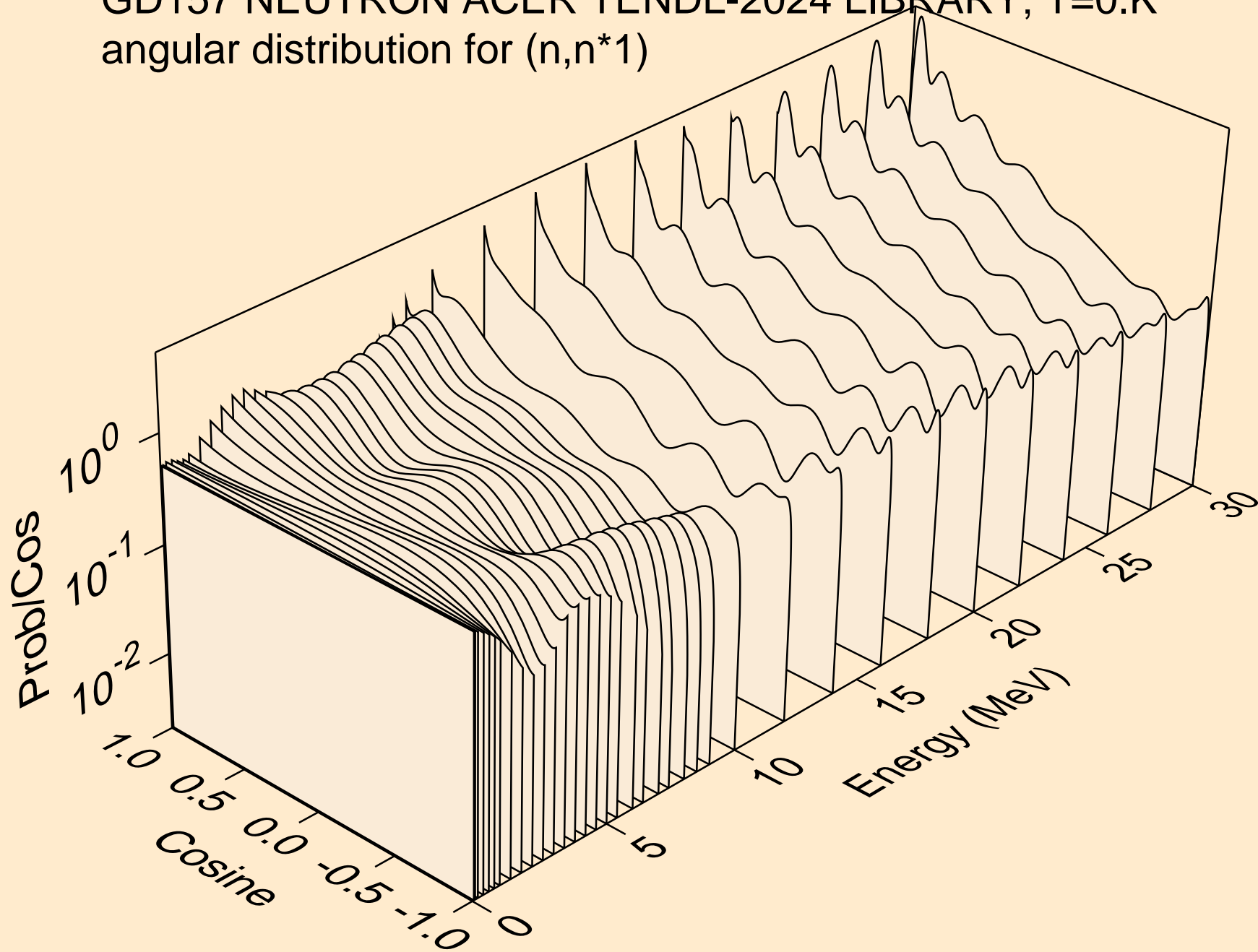
GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



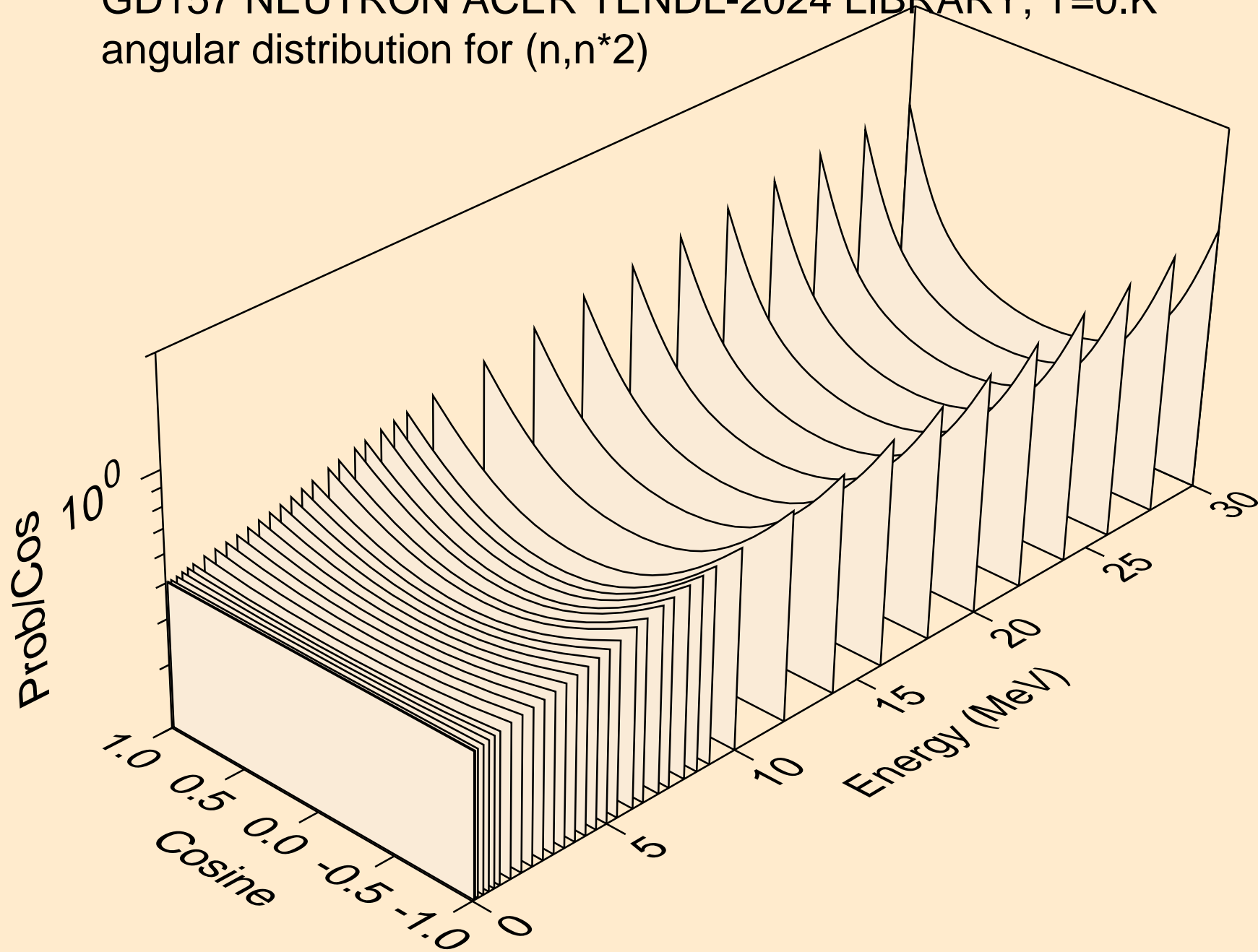
GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

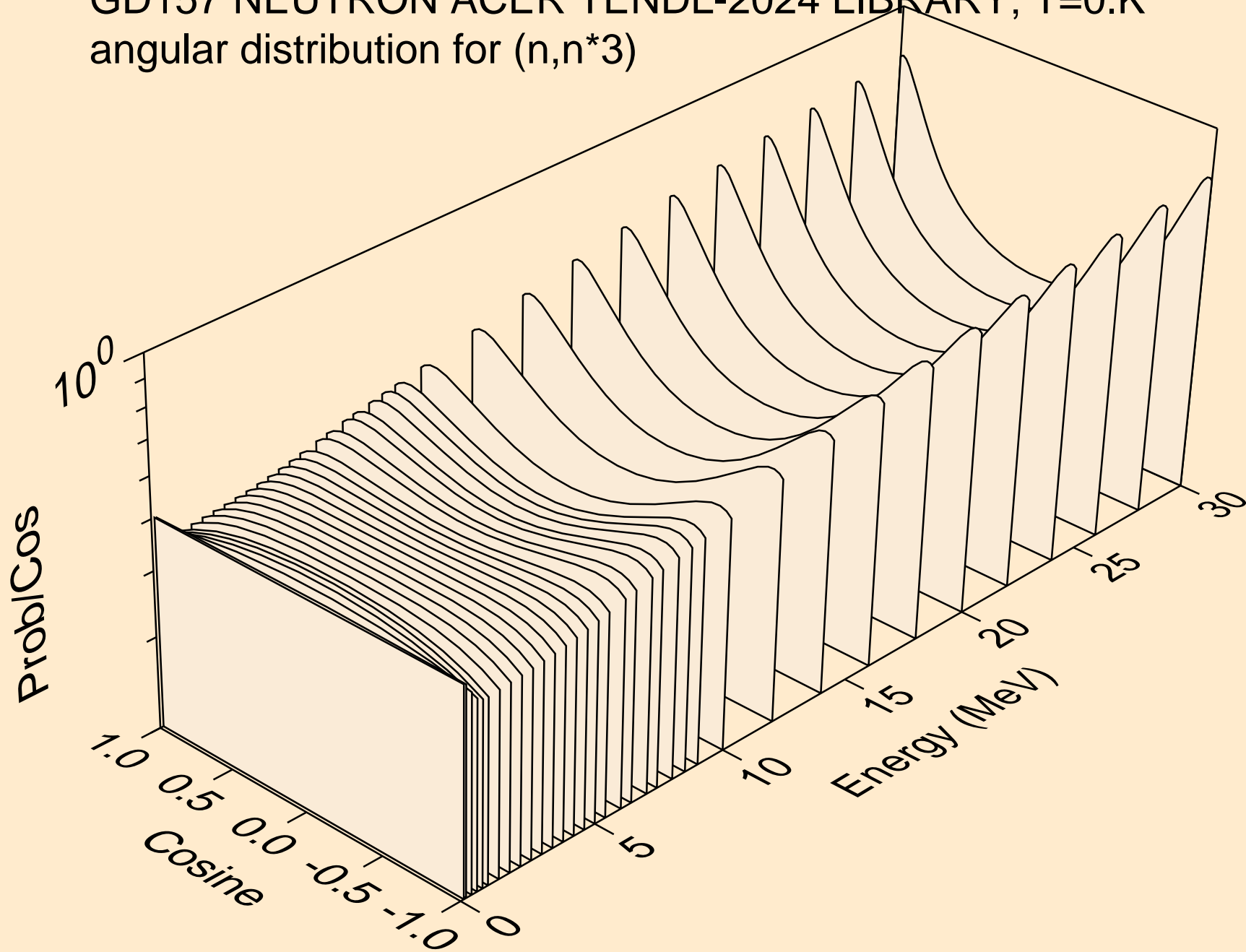


GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

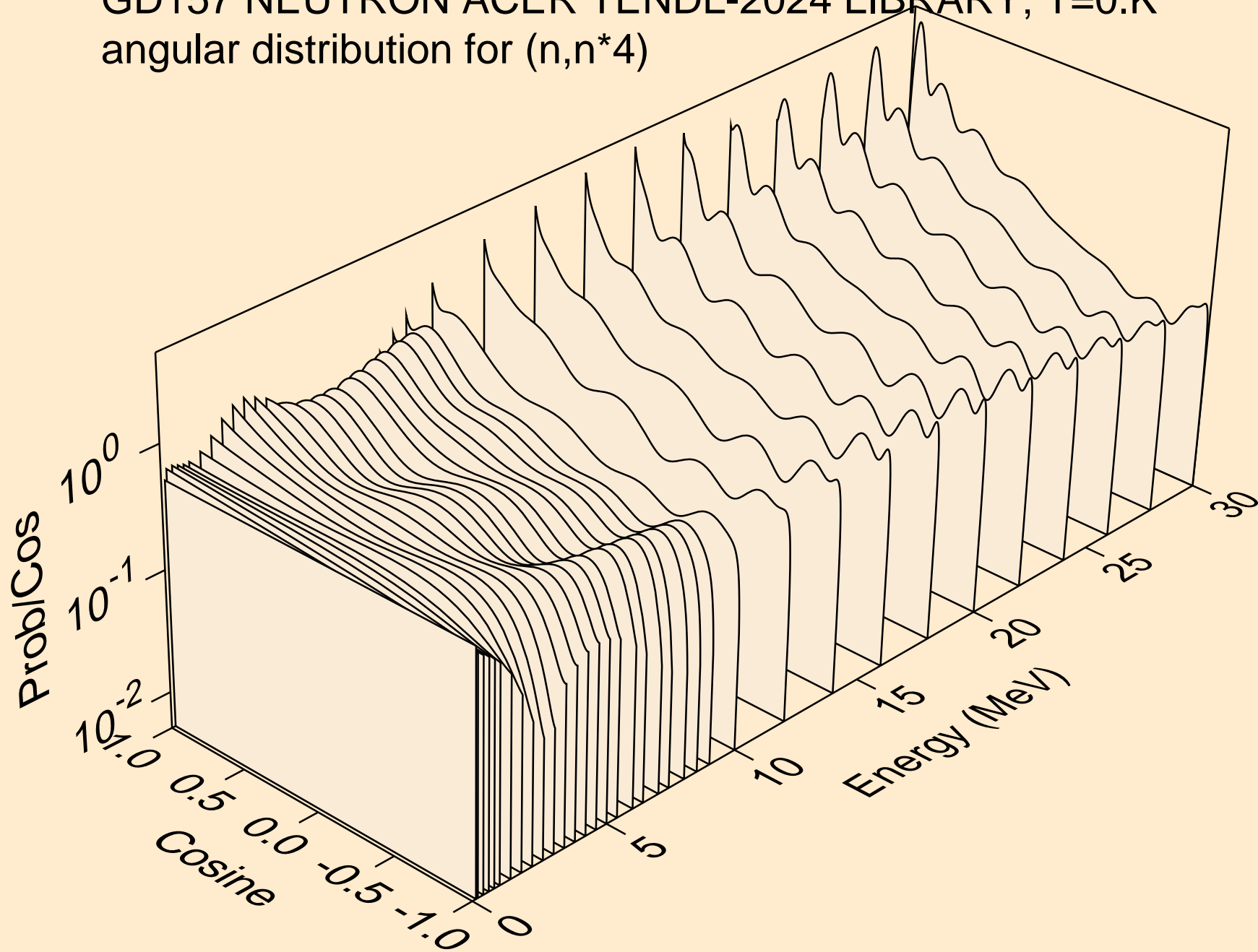




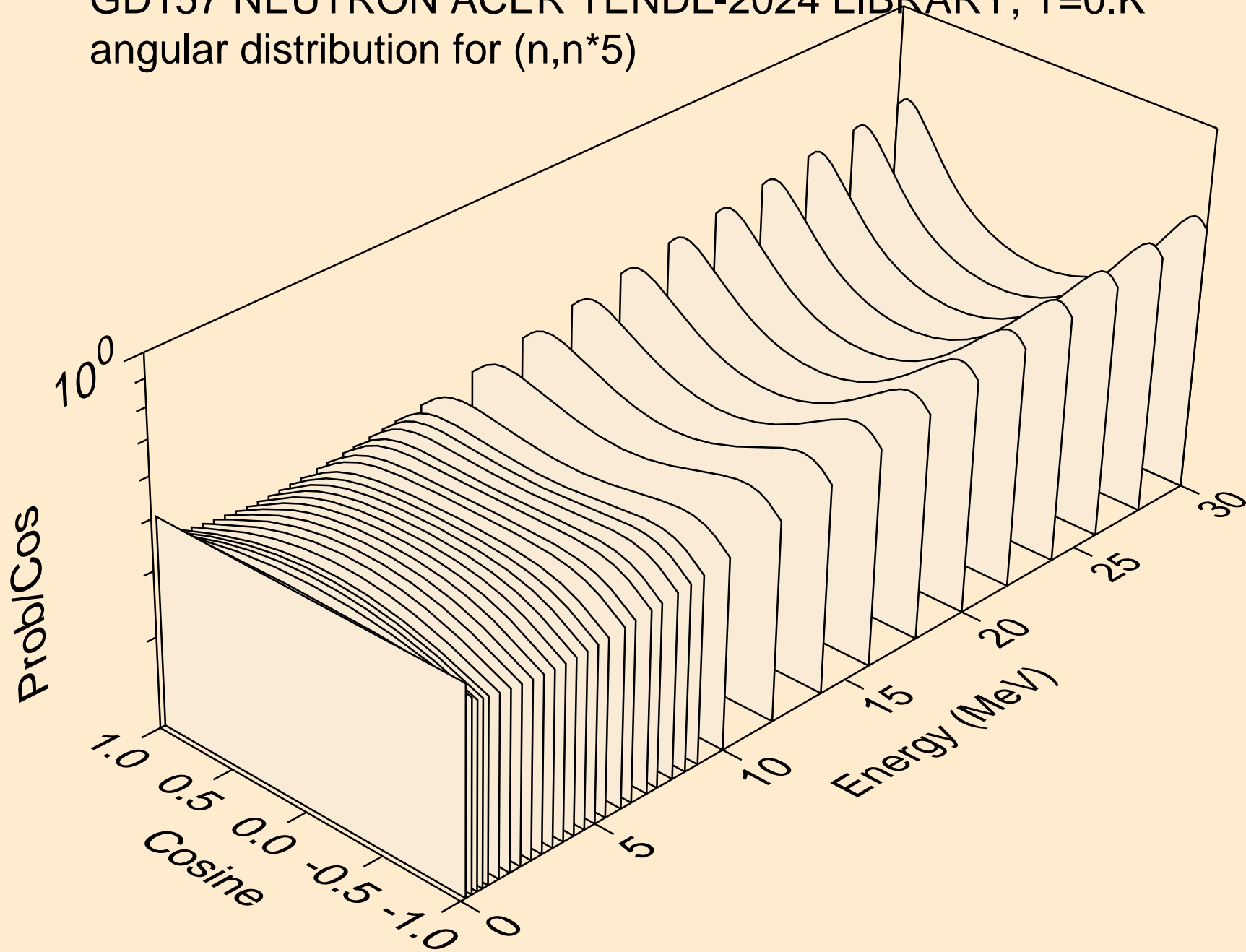
GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



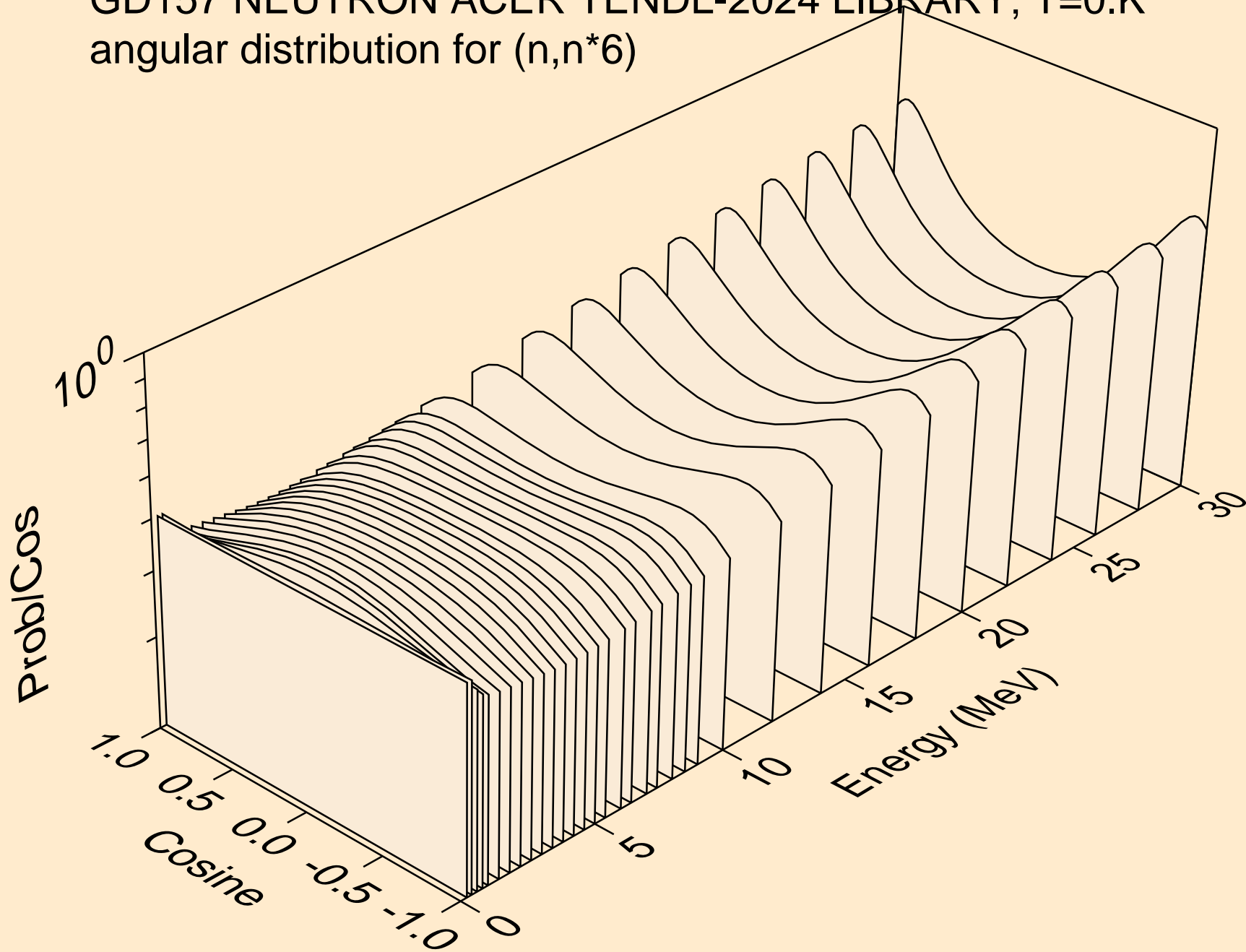
GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



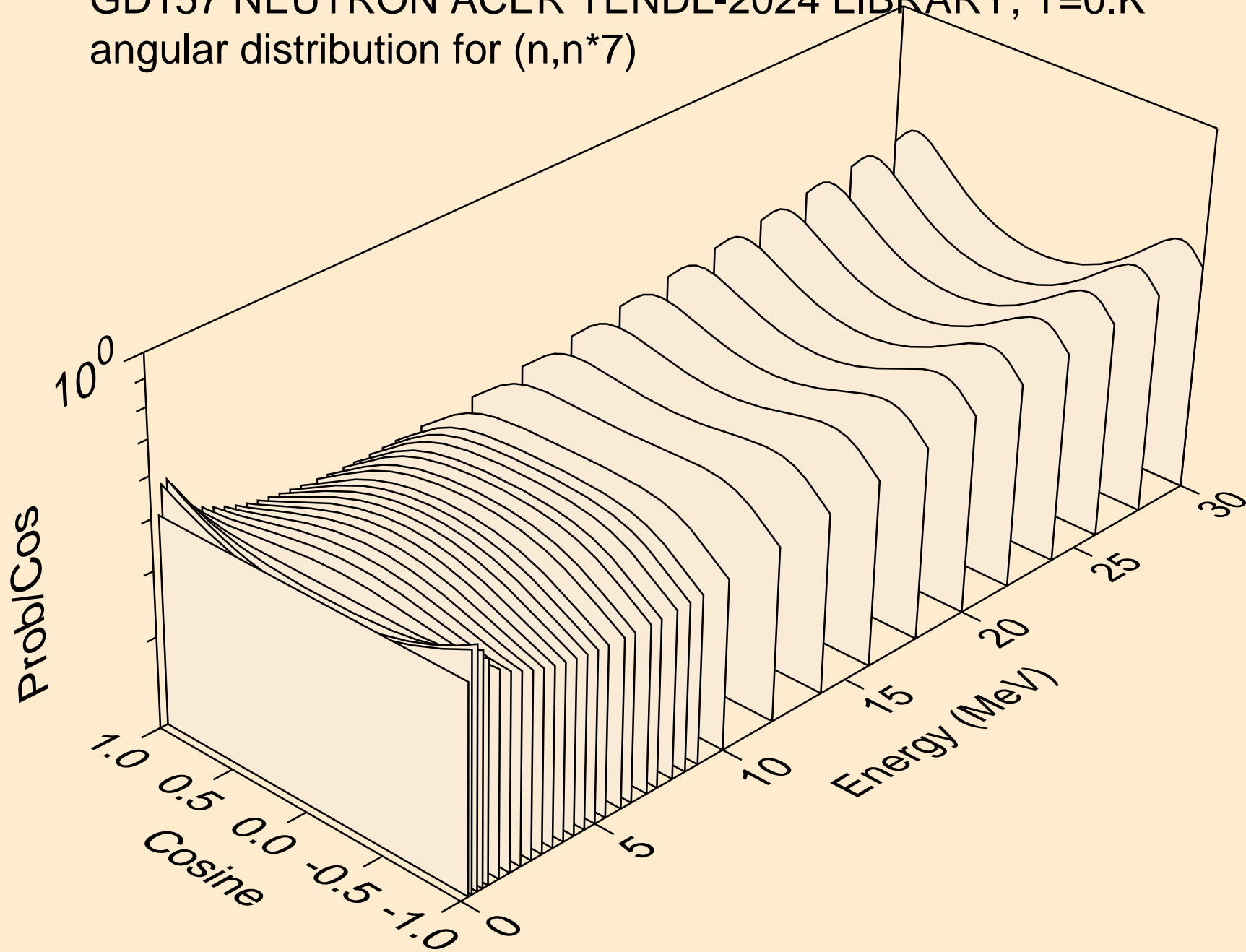
GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



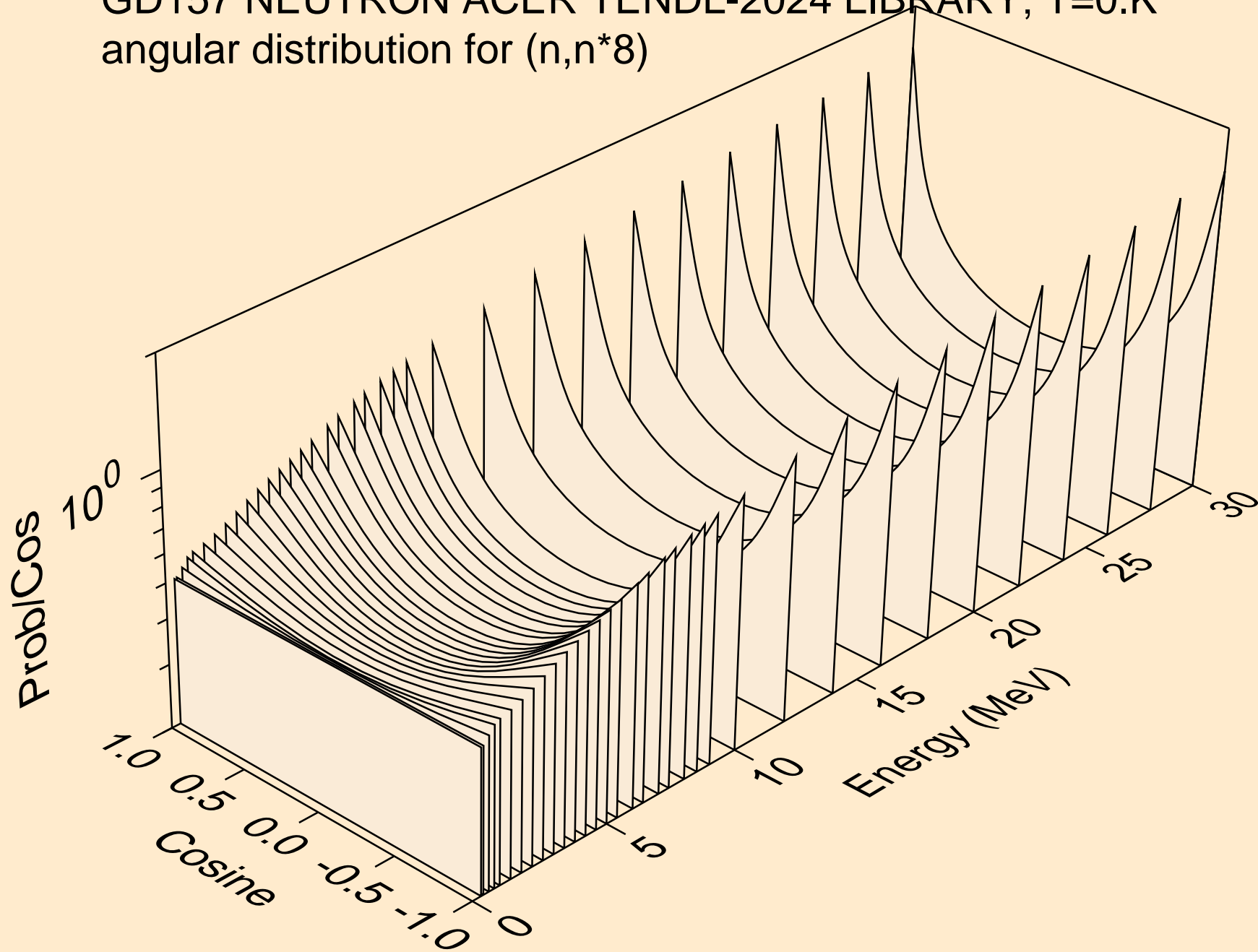
GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



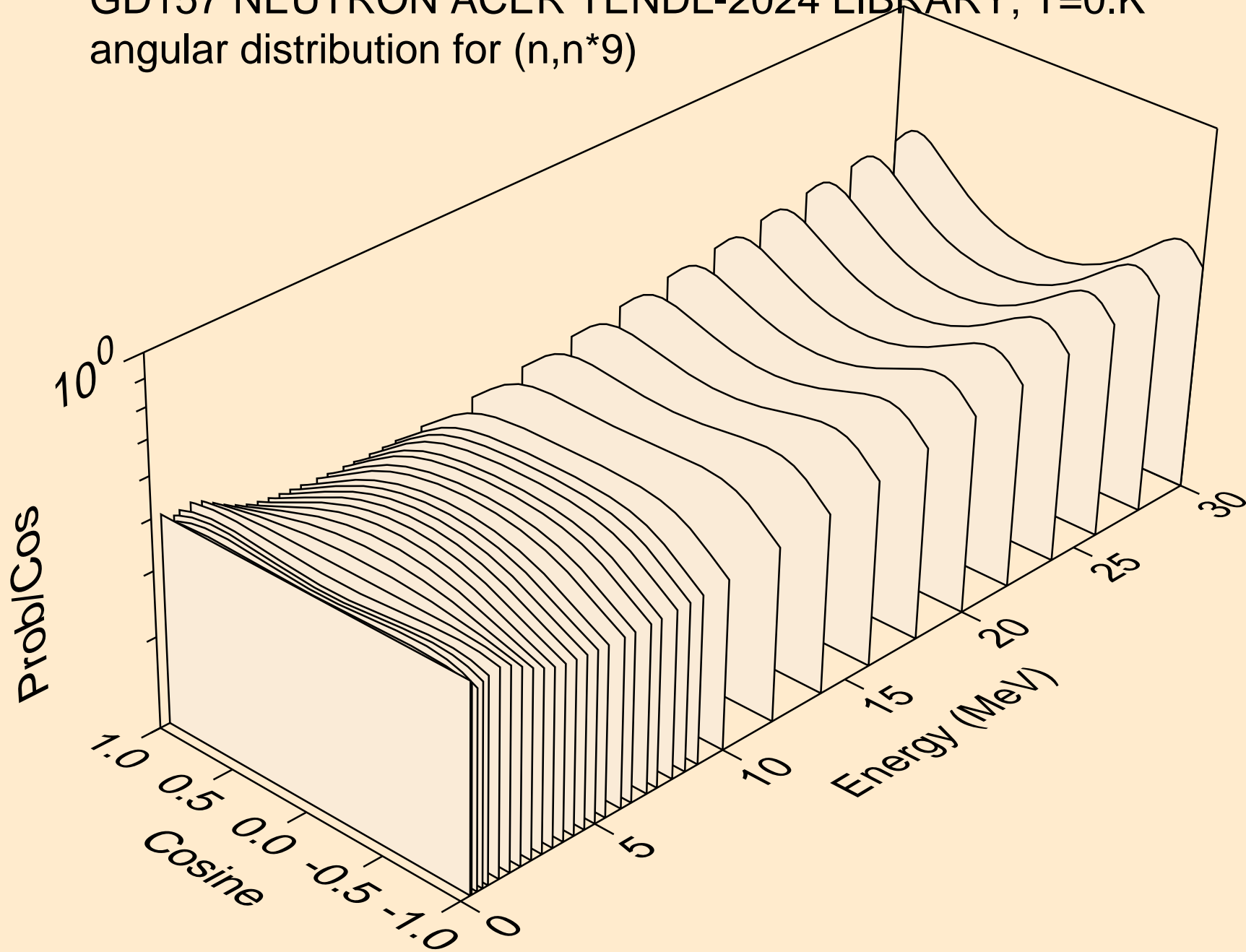
GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



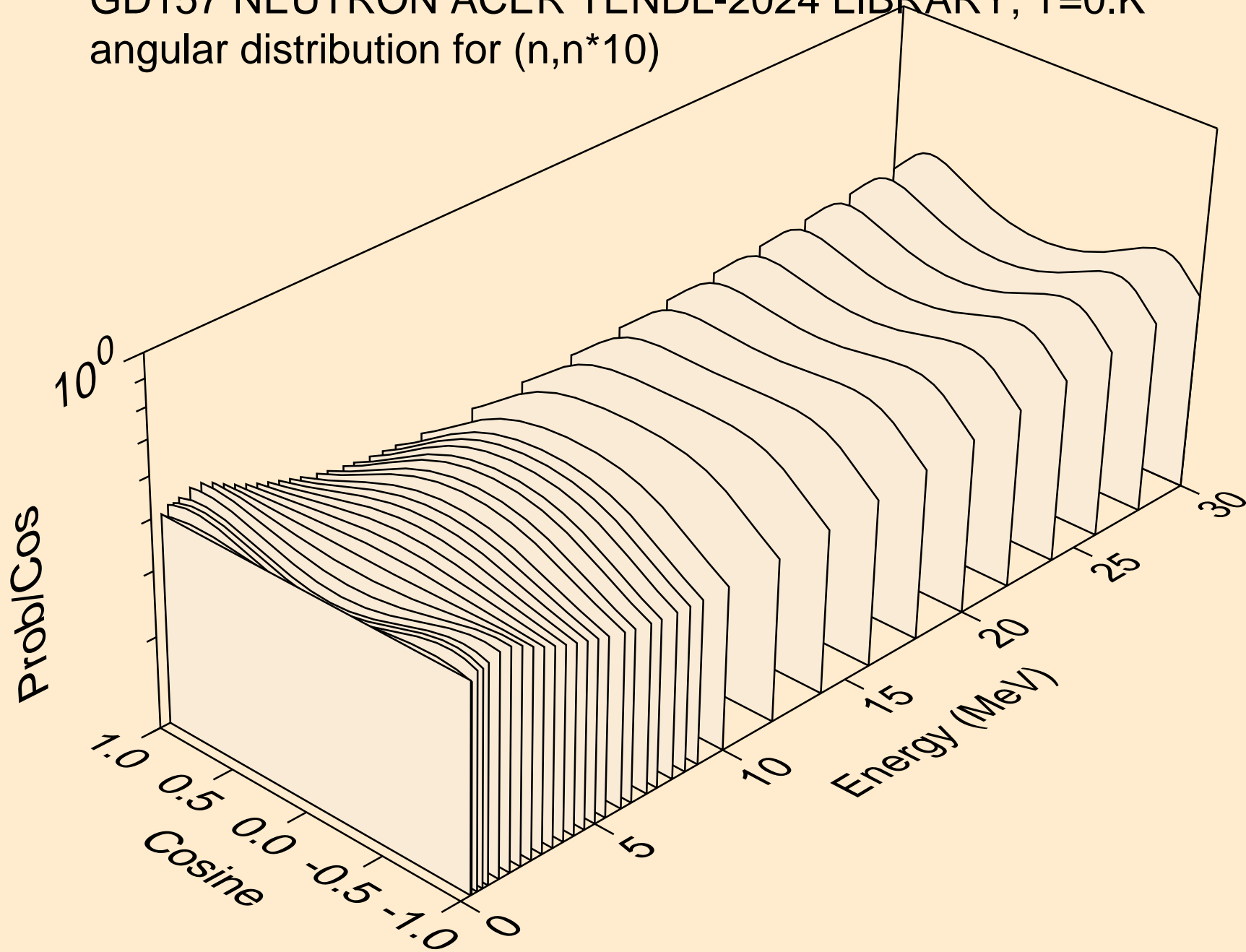
GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)

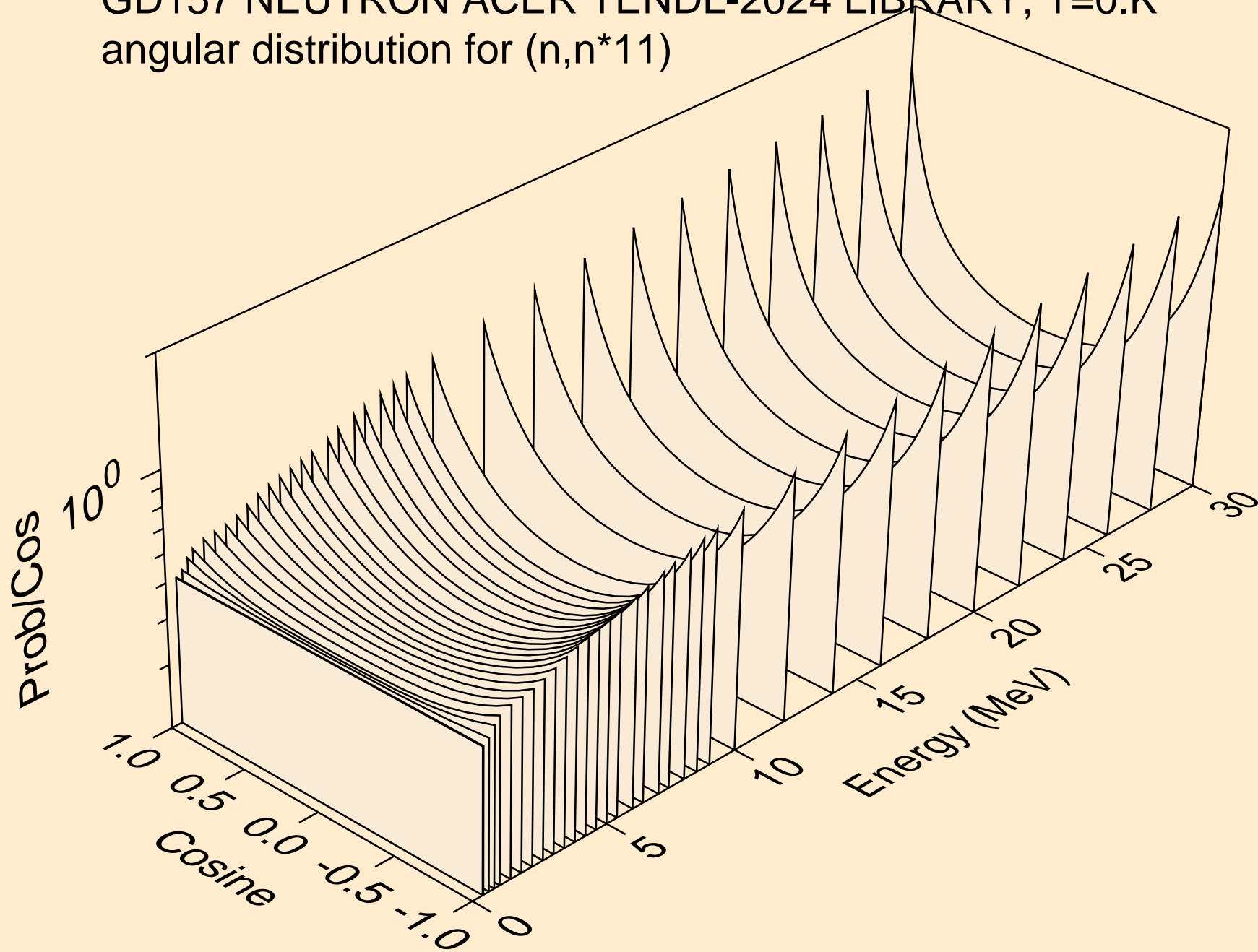


GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)

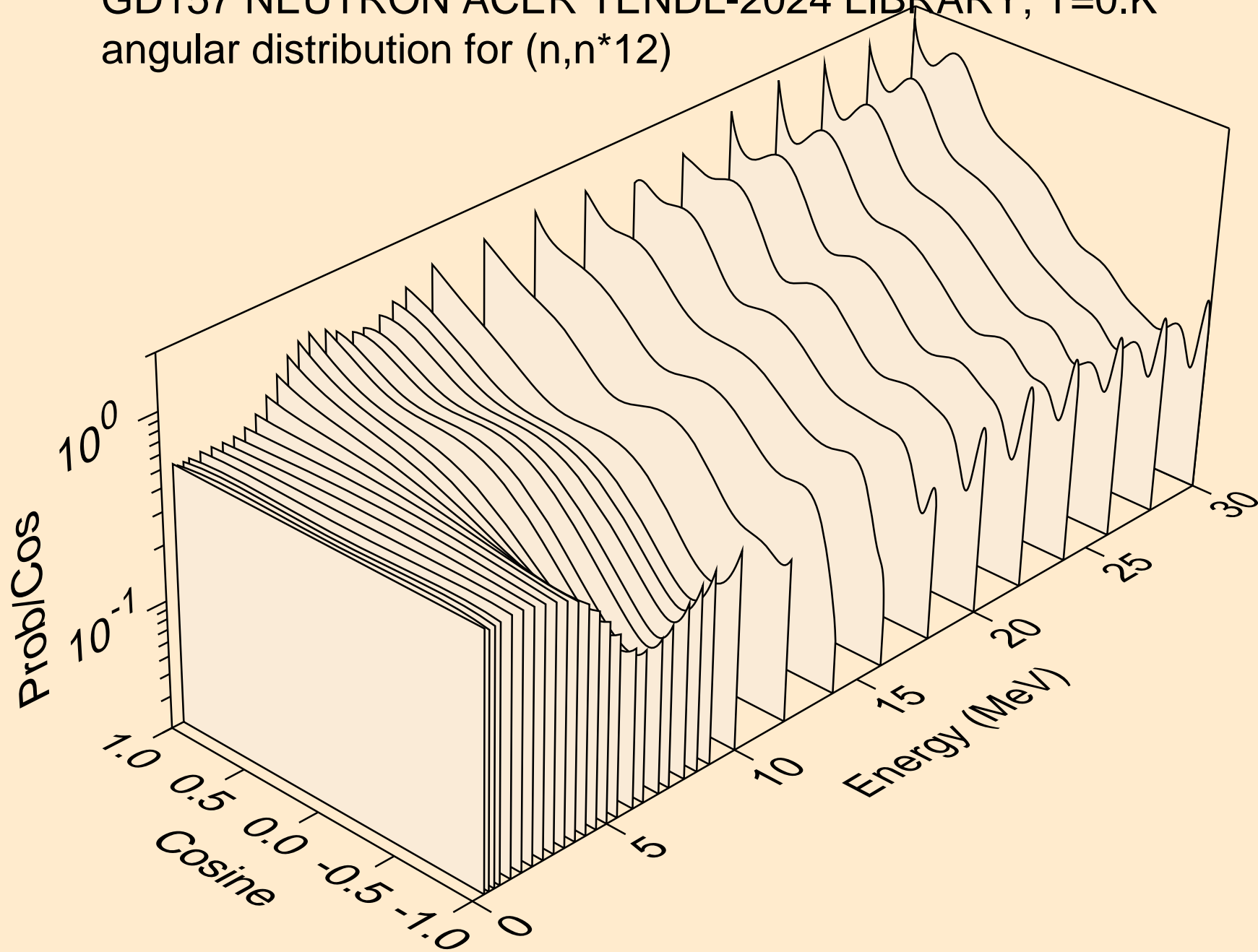




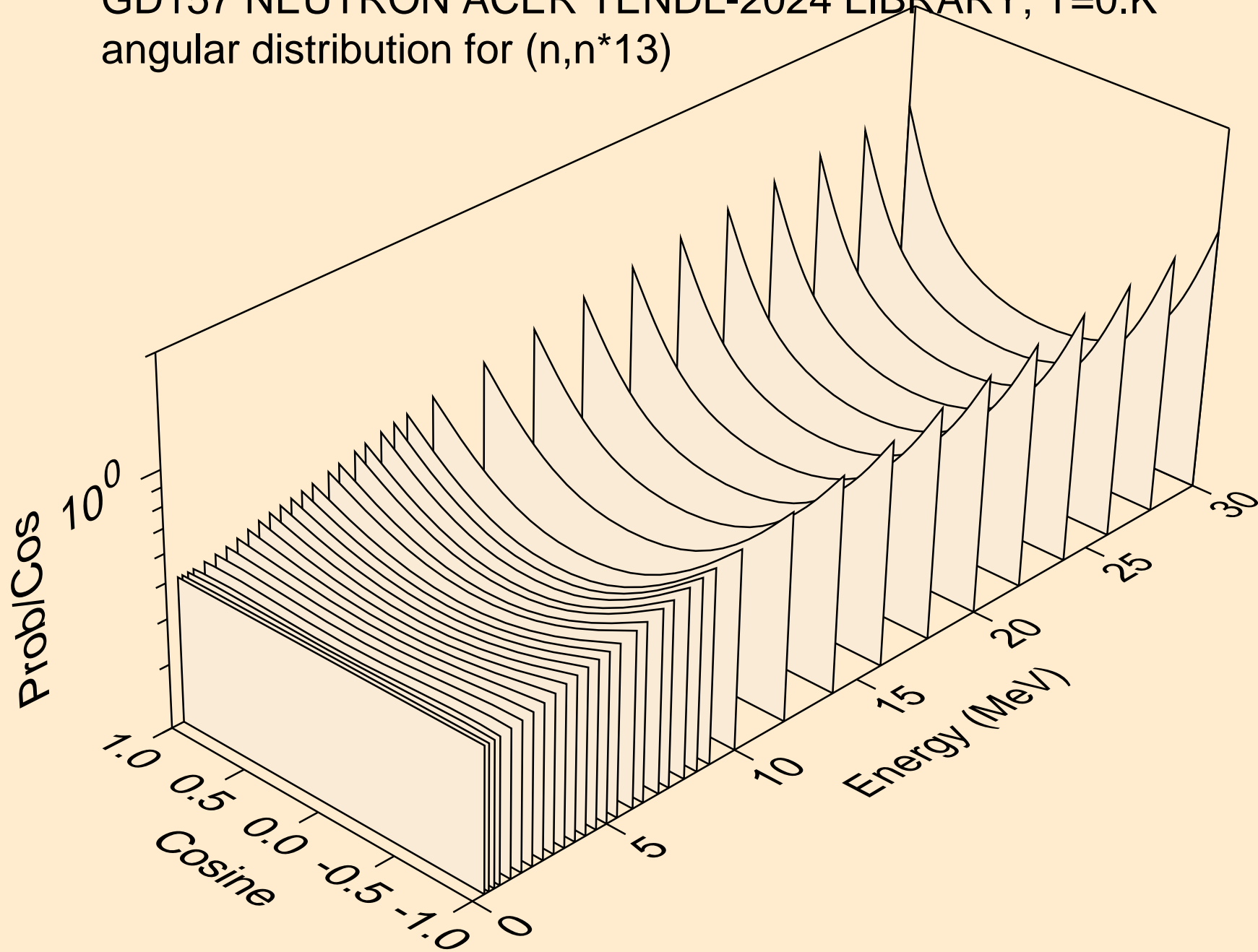
GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



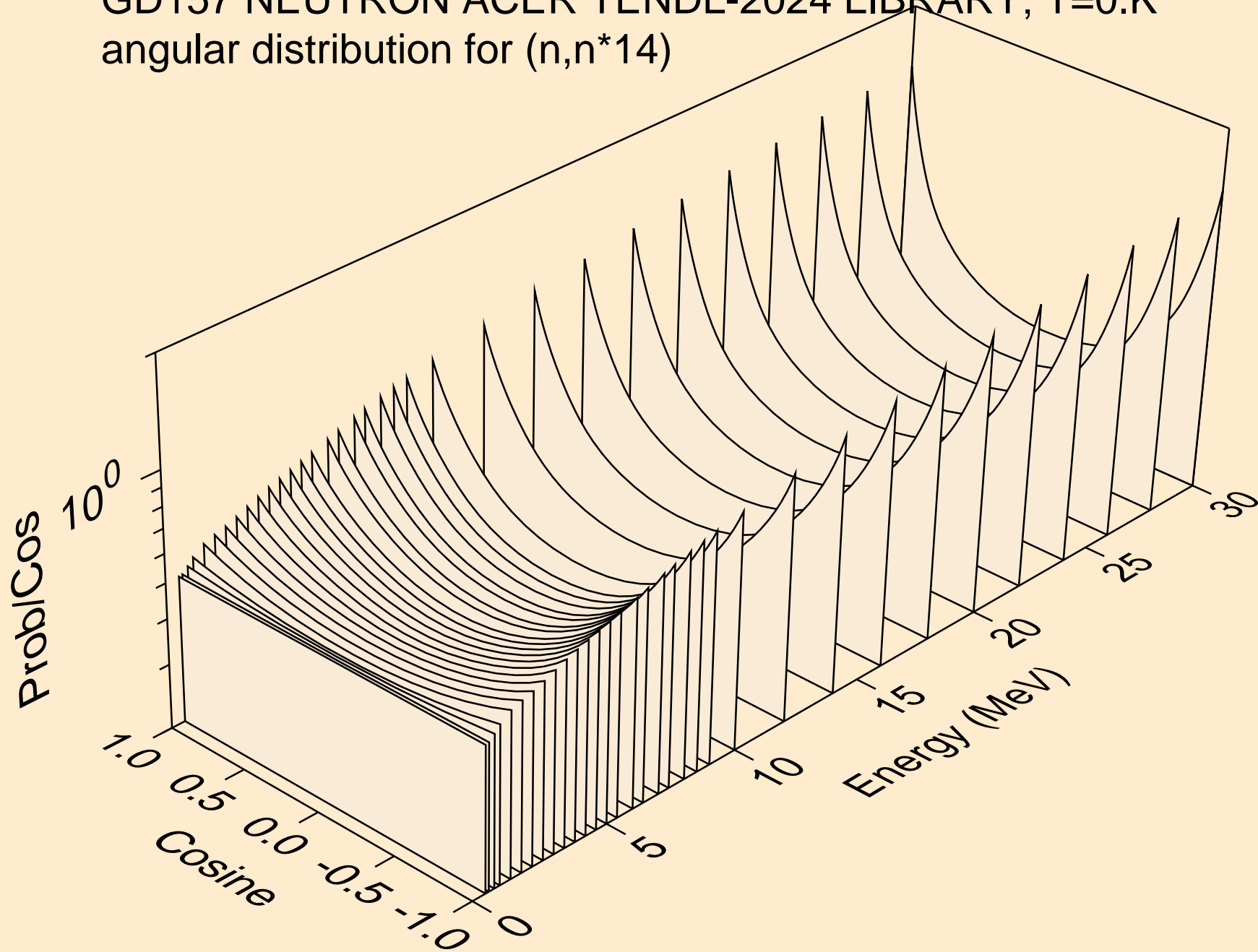
GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



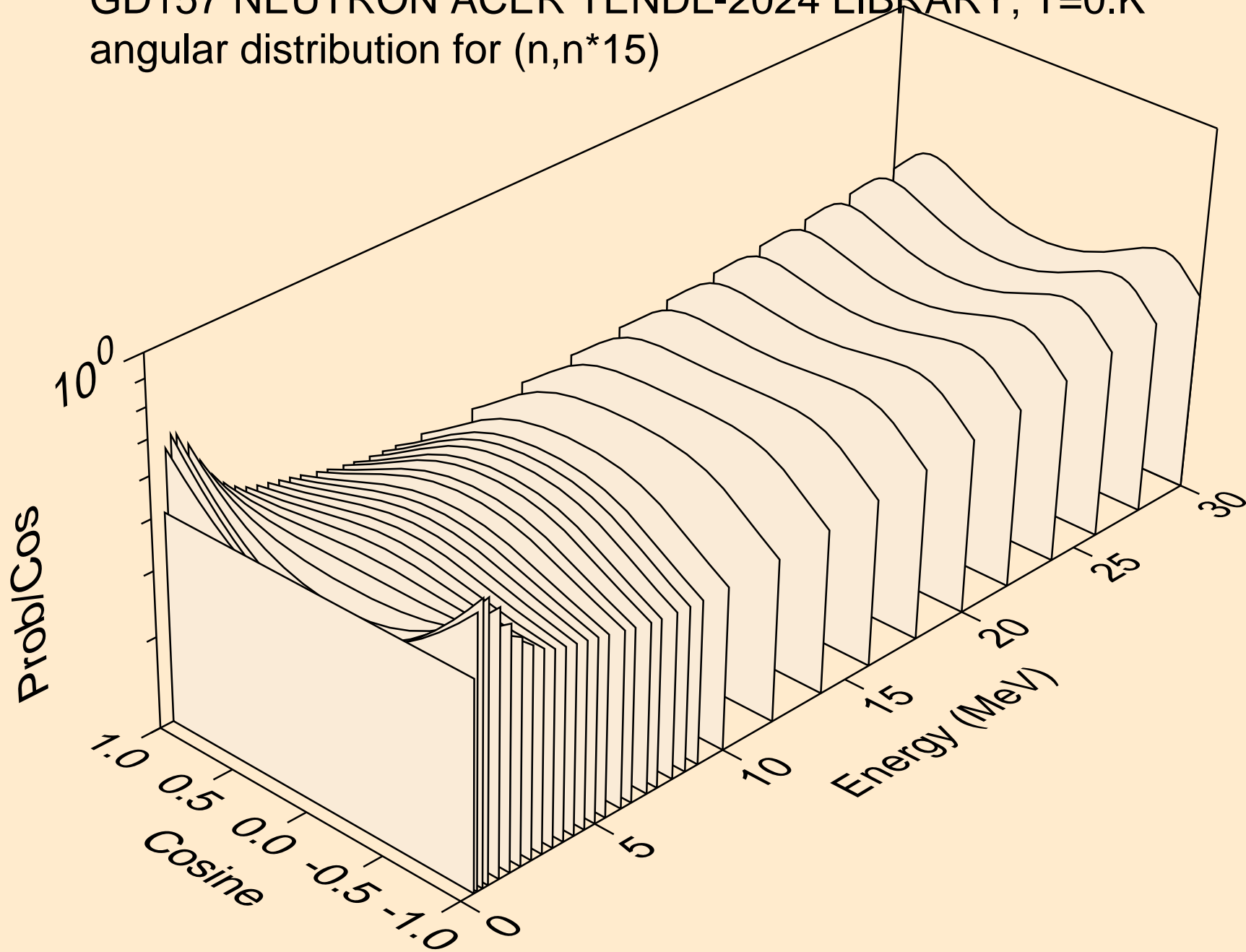
GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



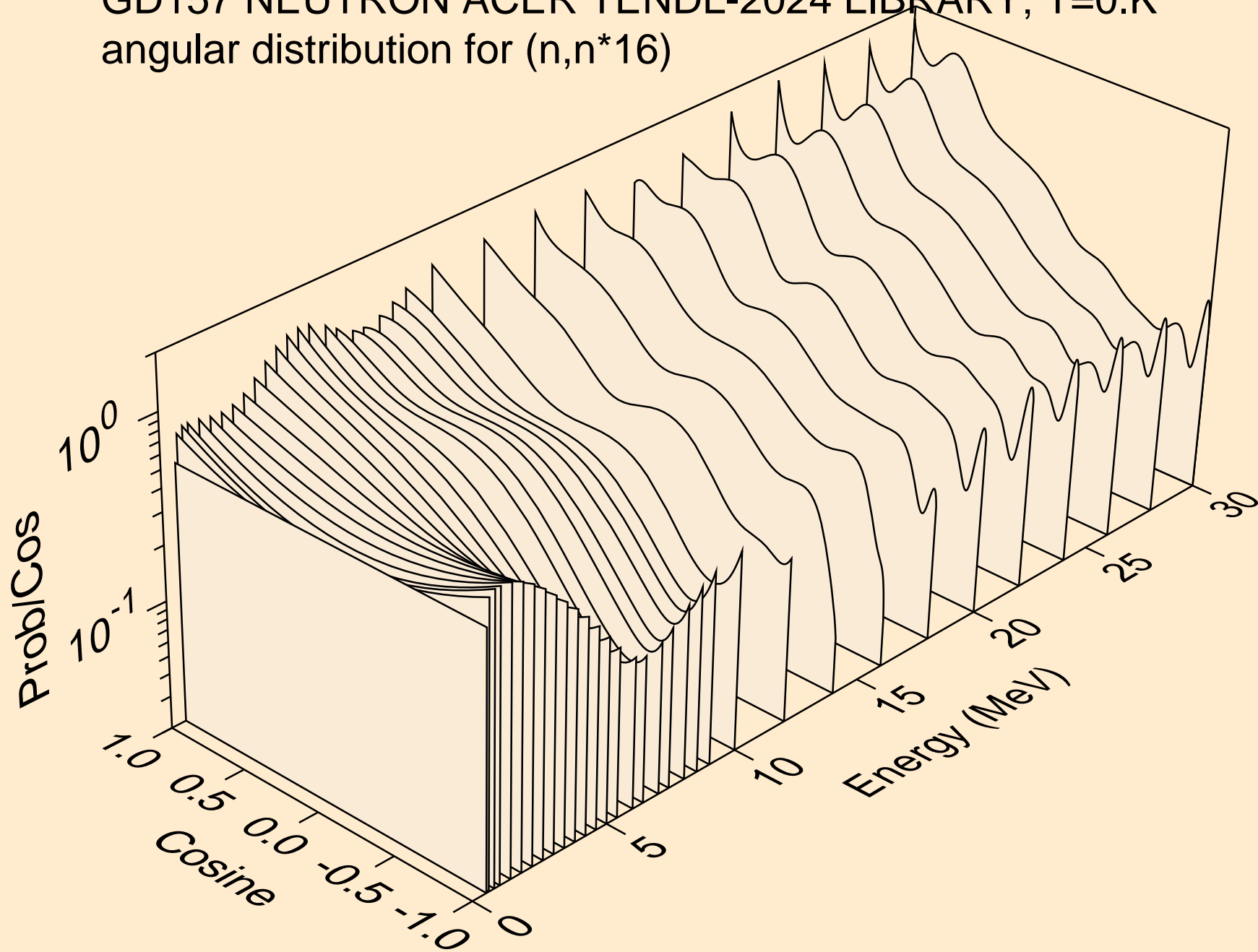
GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



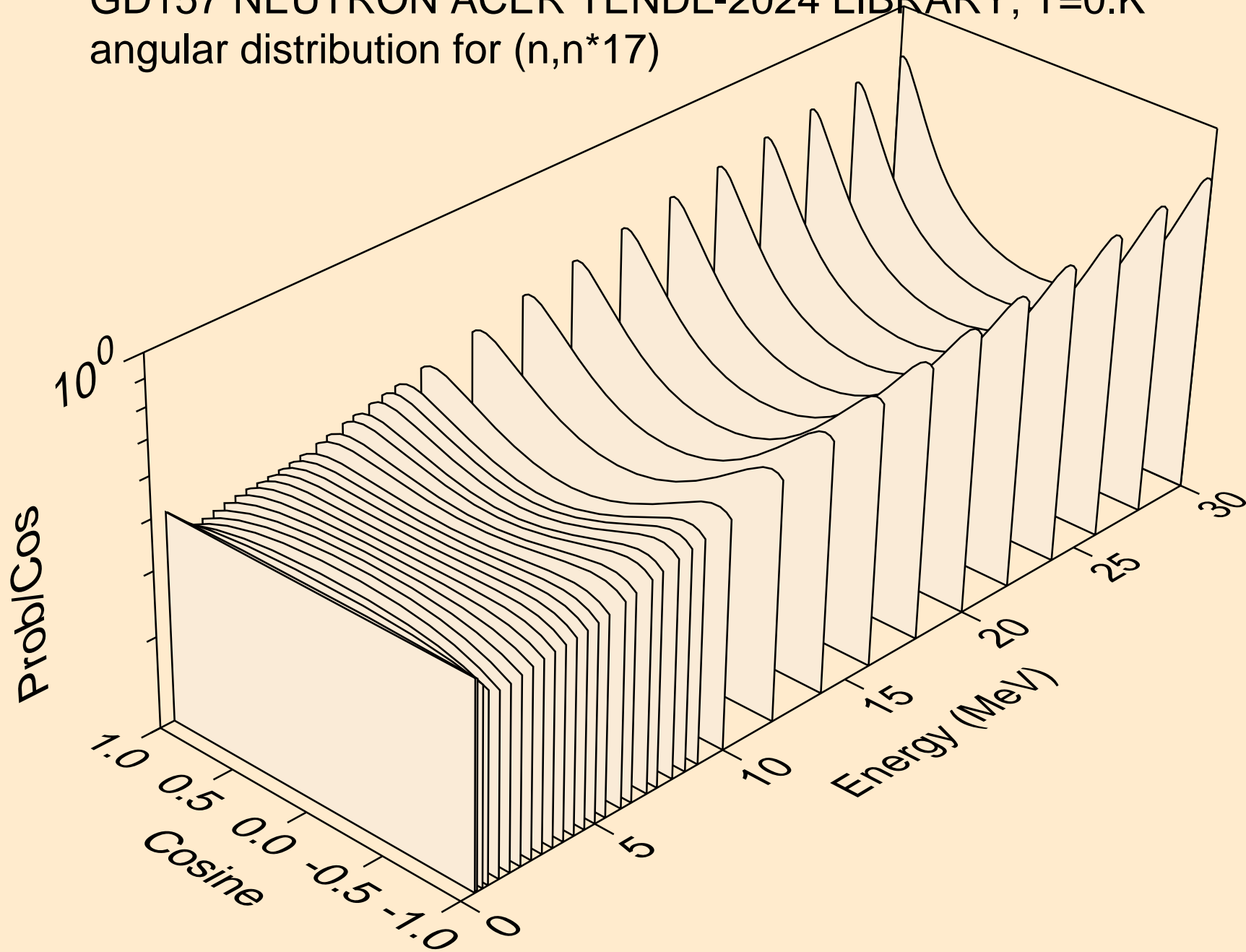
GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



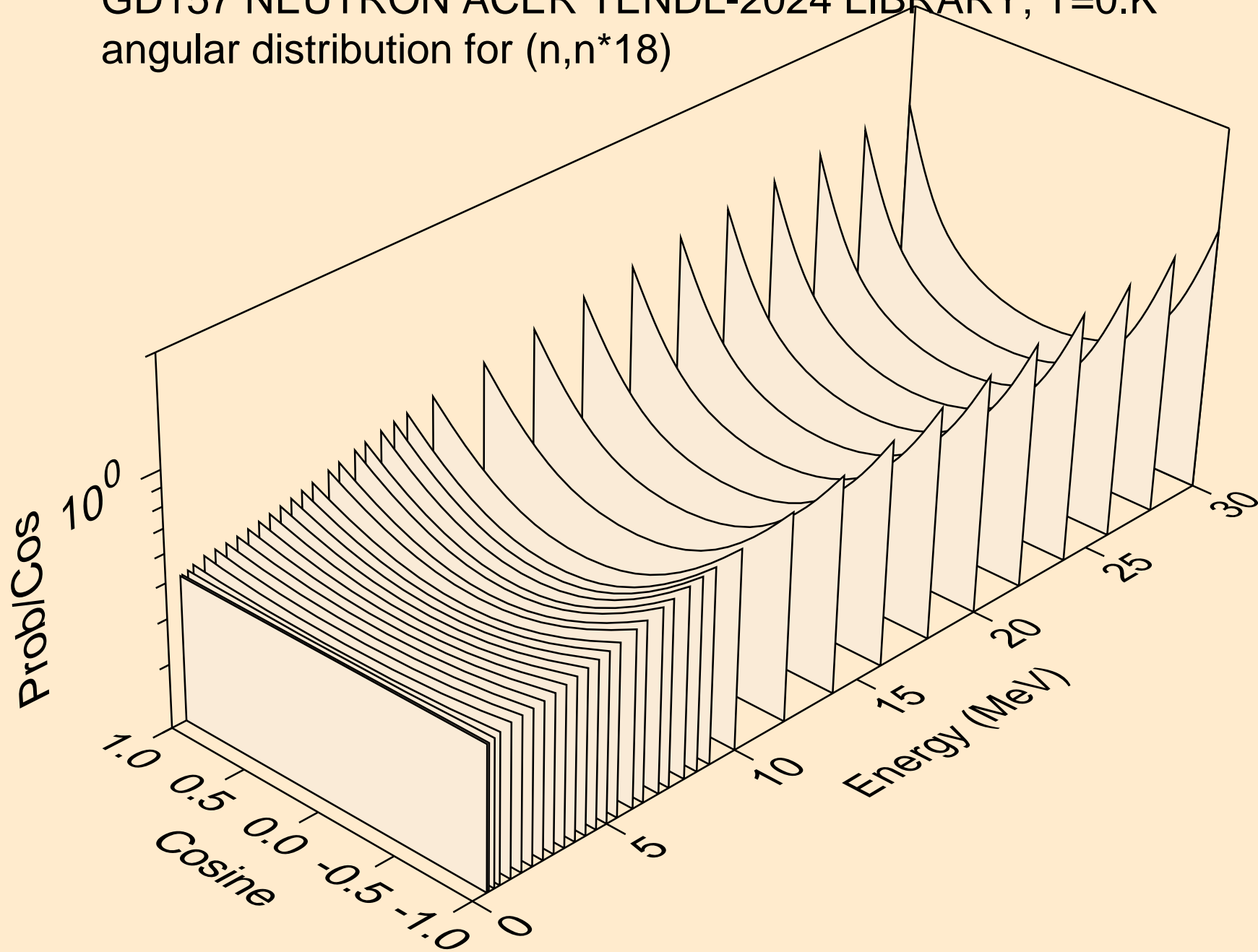
GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)

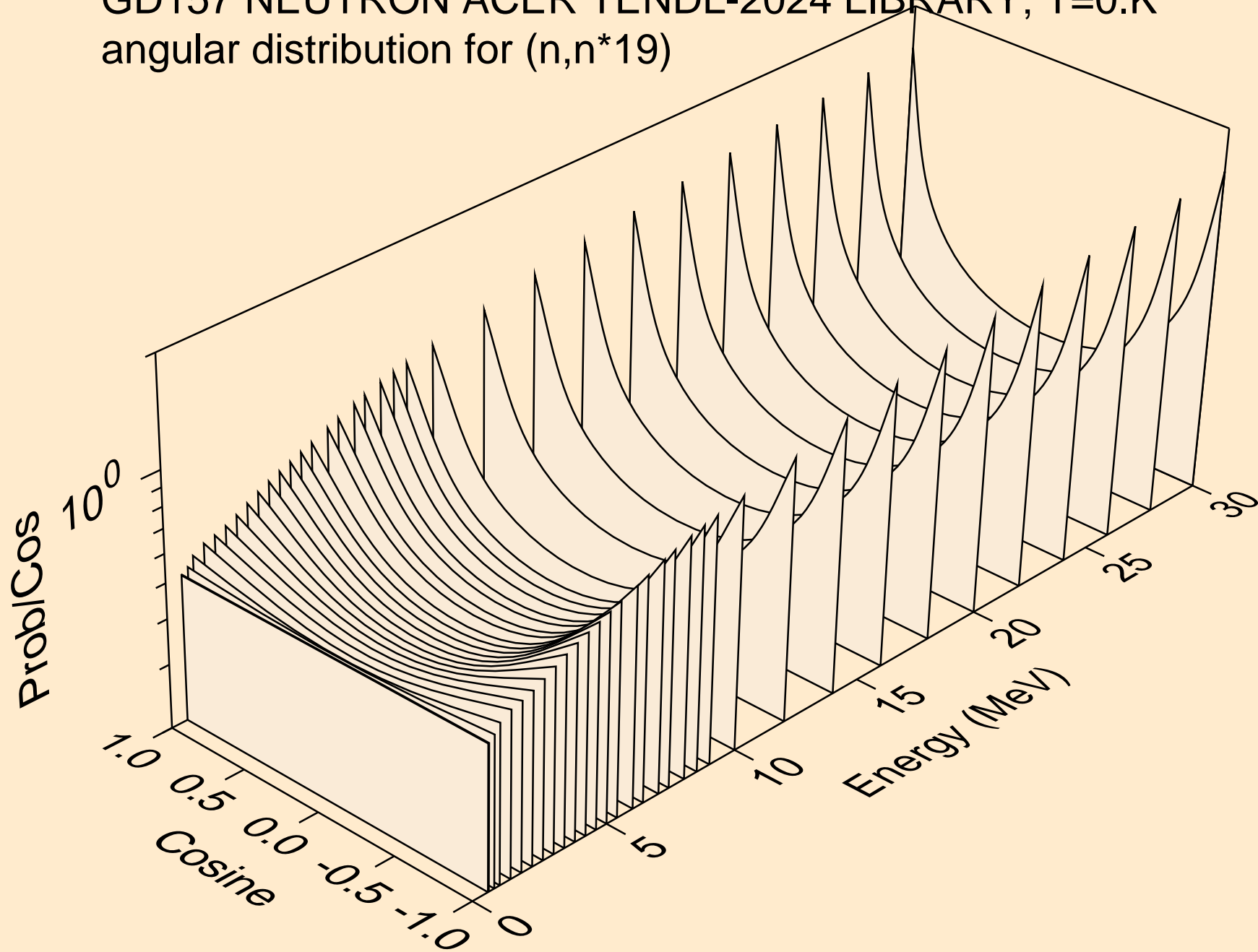


GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)

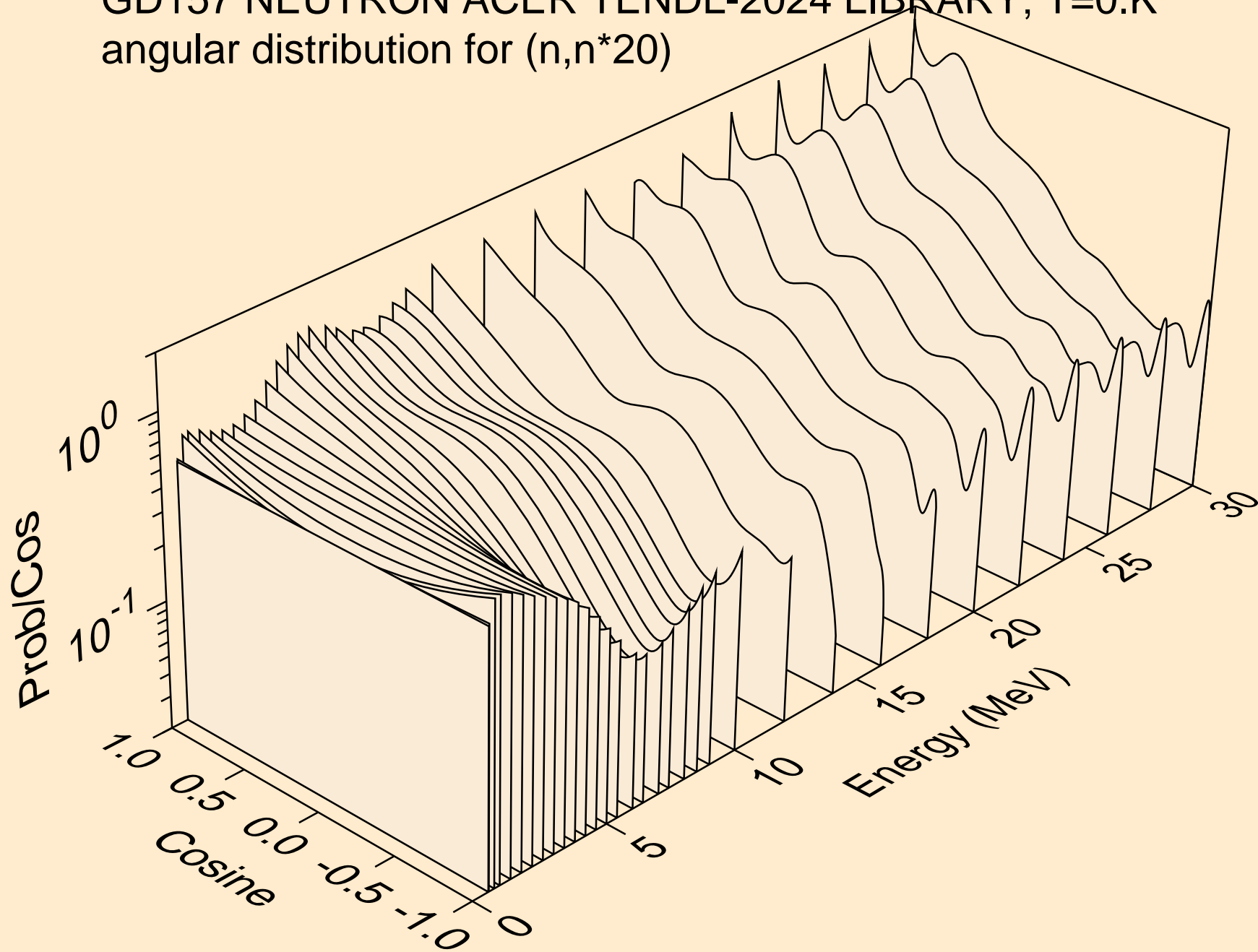




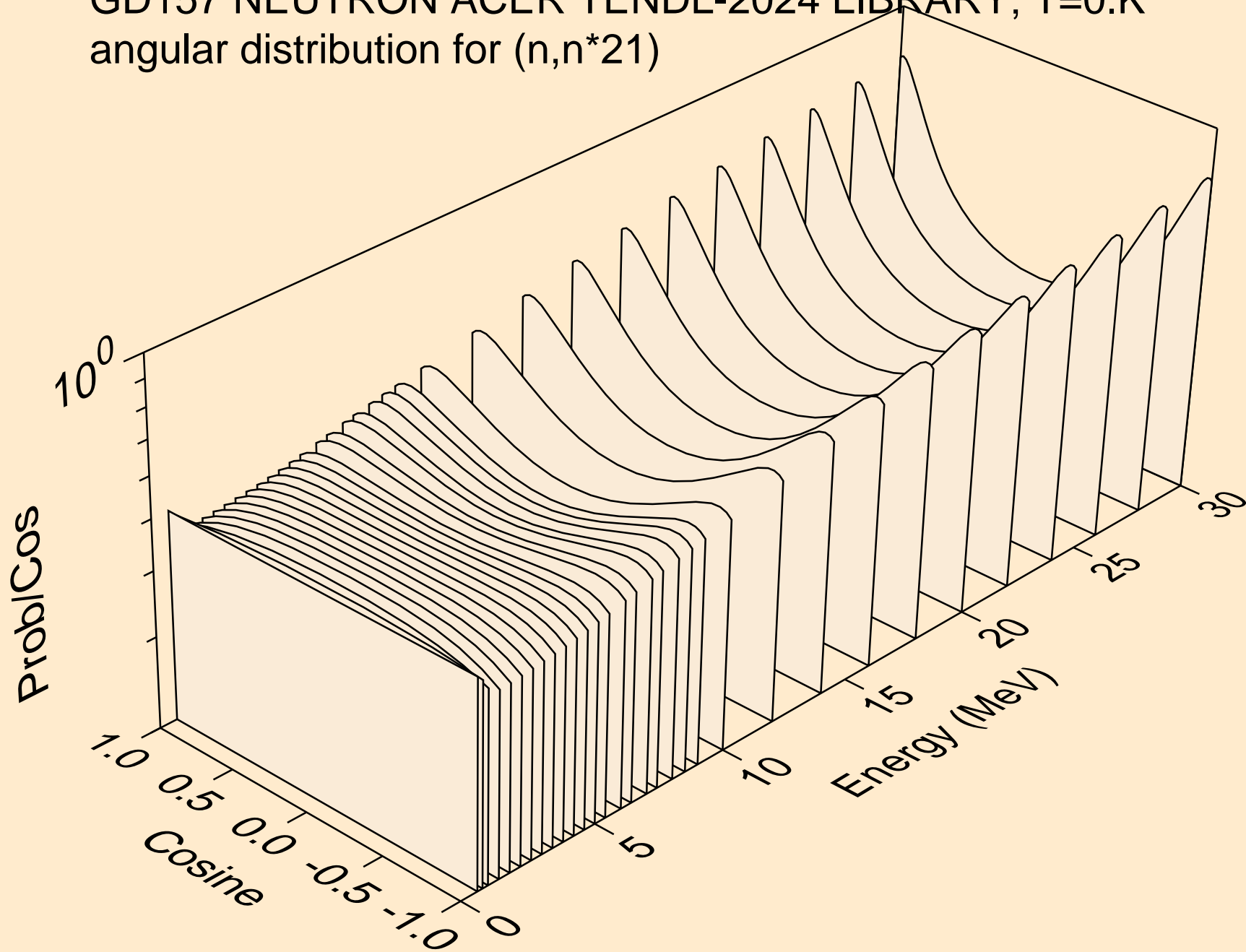
GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*19)



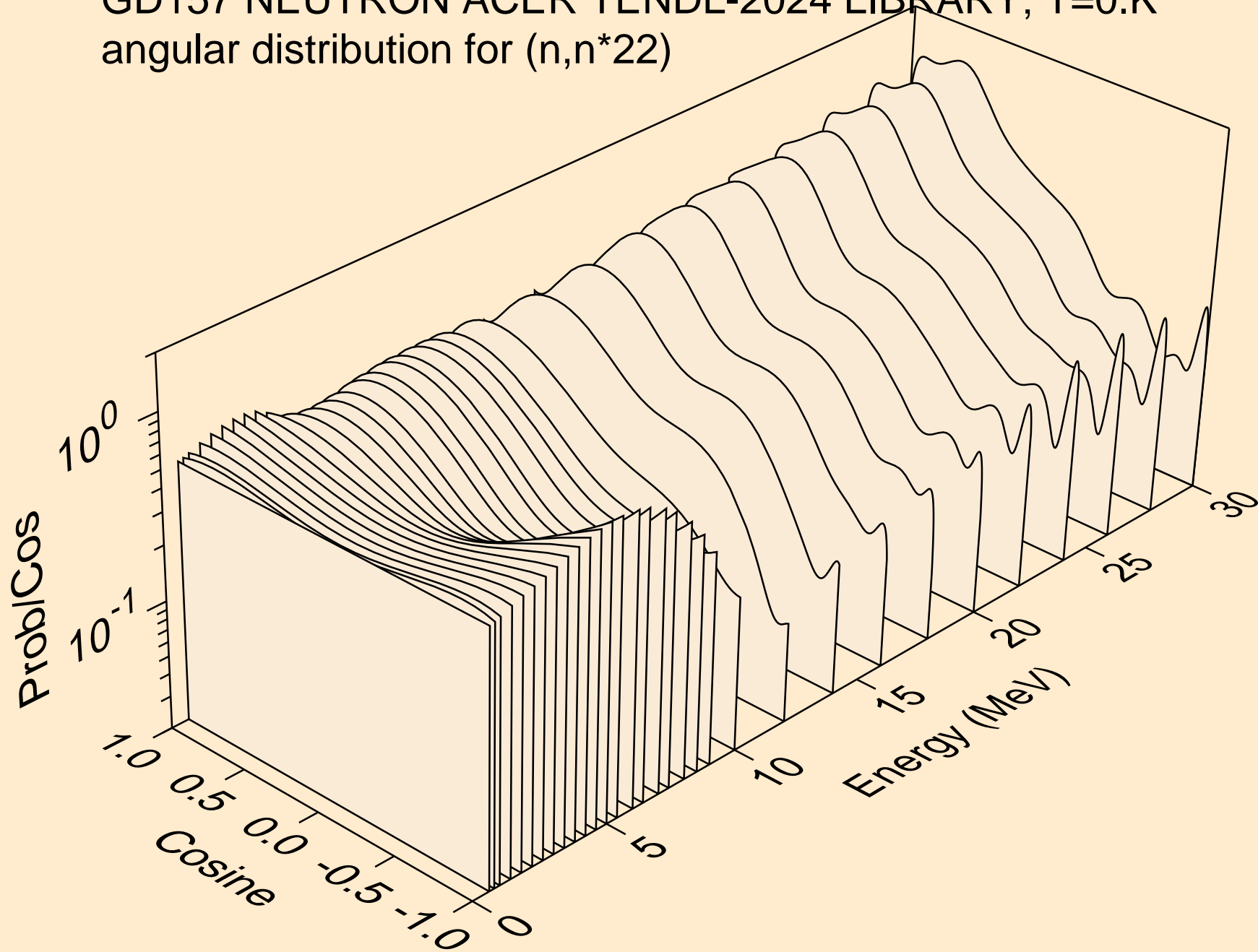
GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



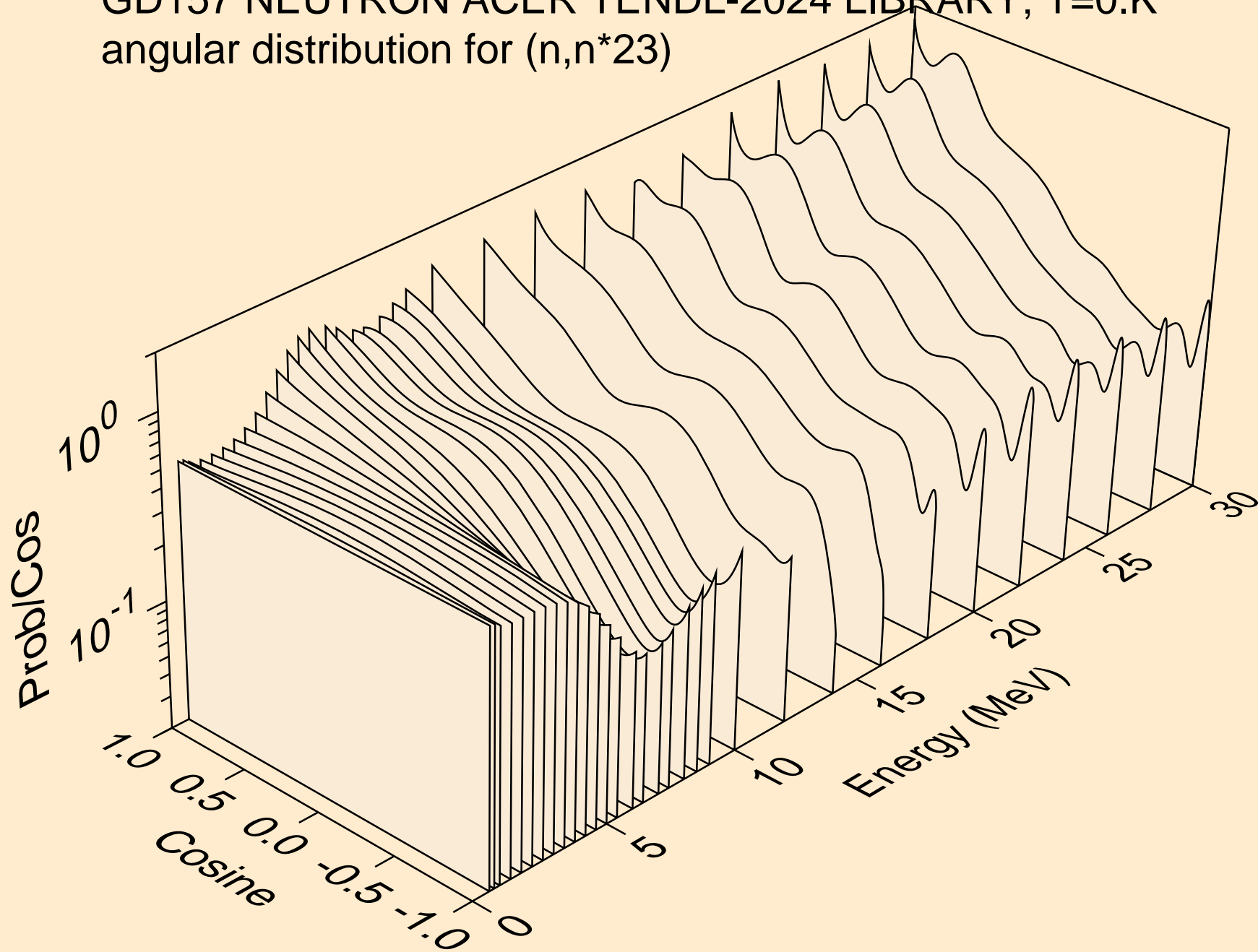
GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*21)



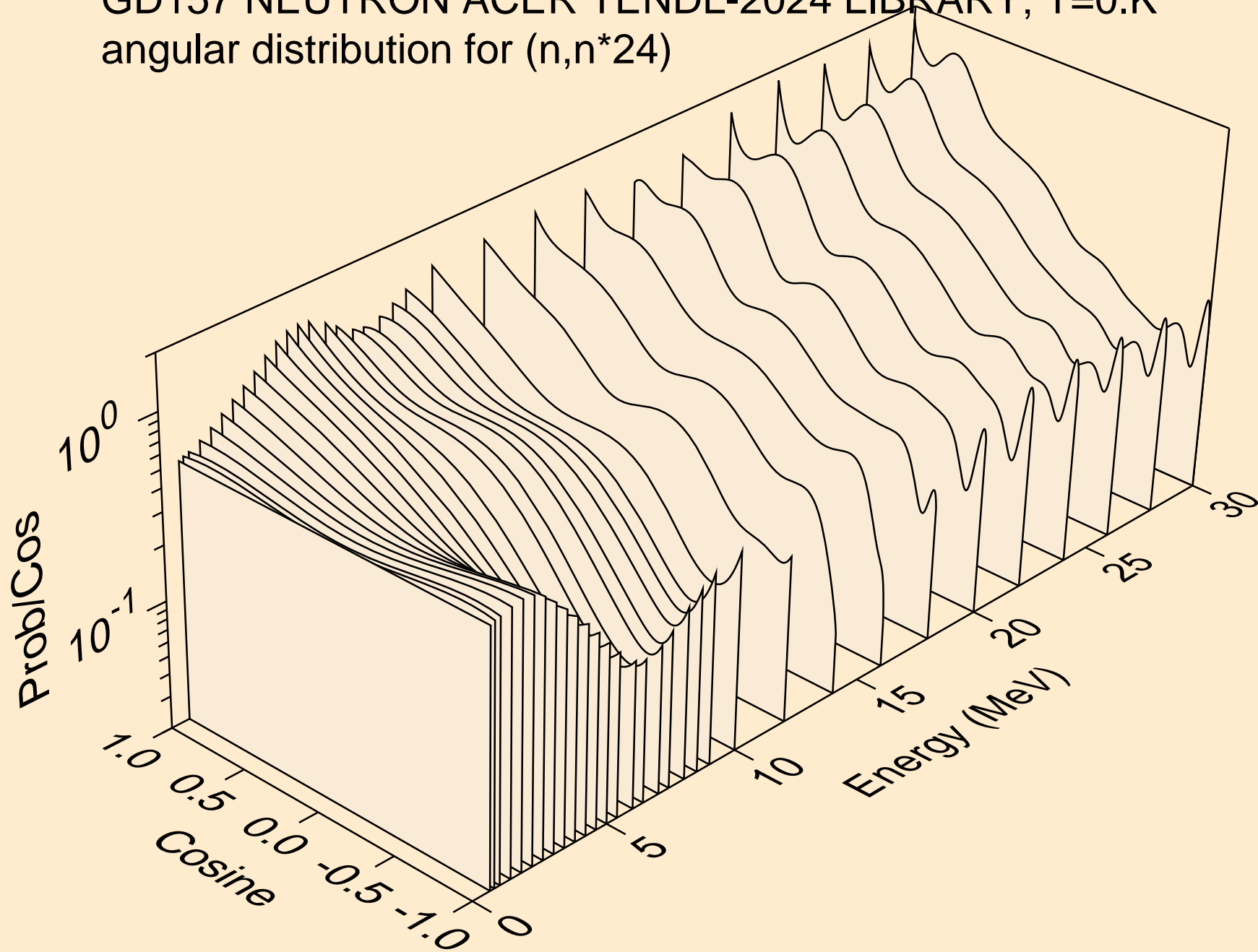
GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*22)



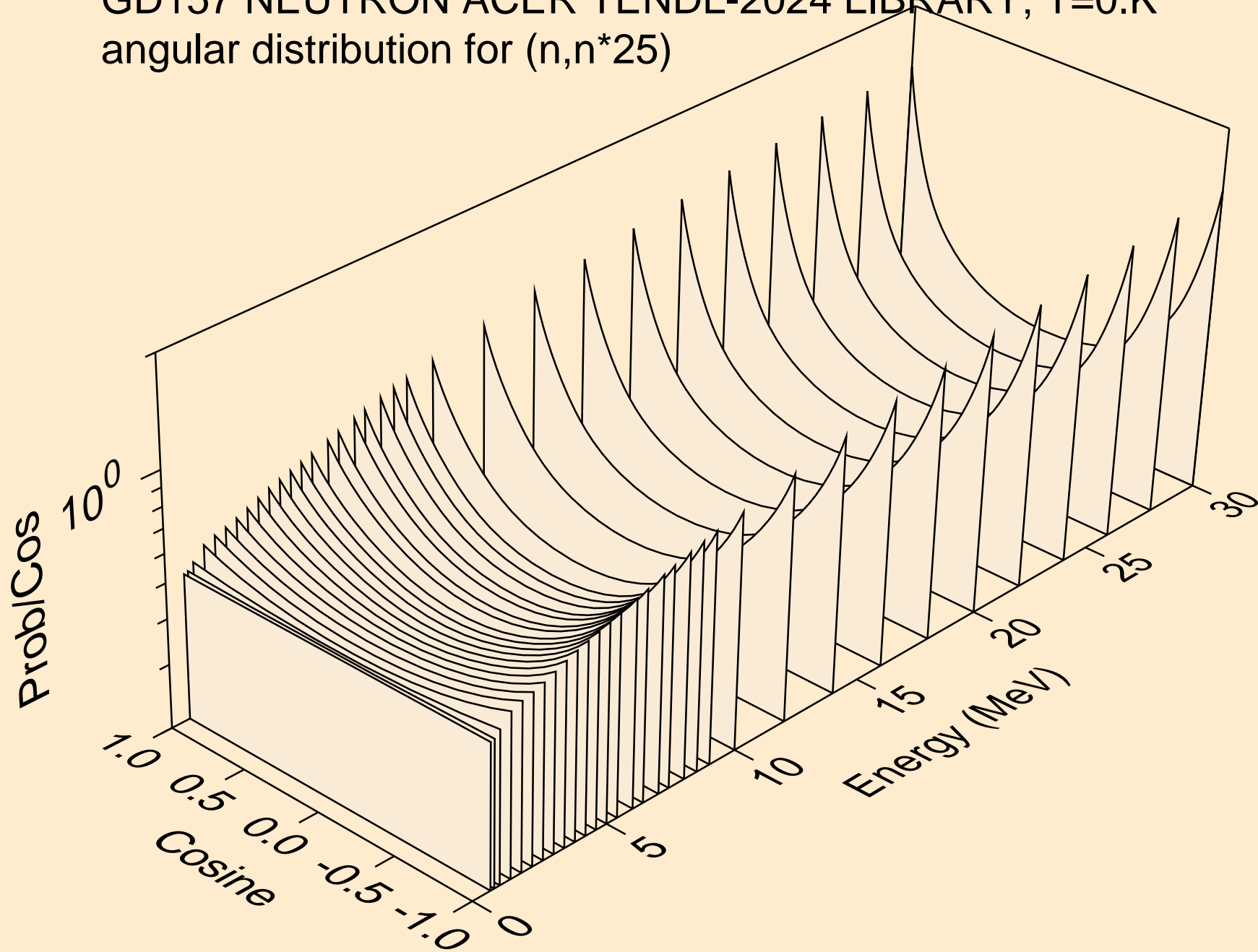
GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*23)



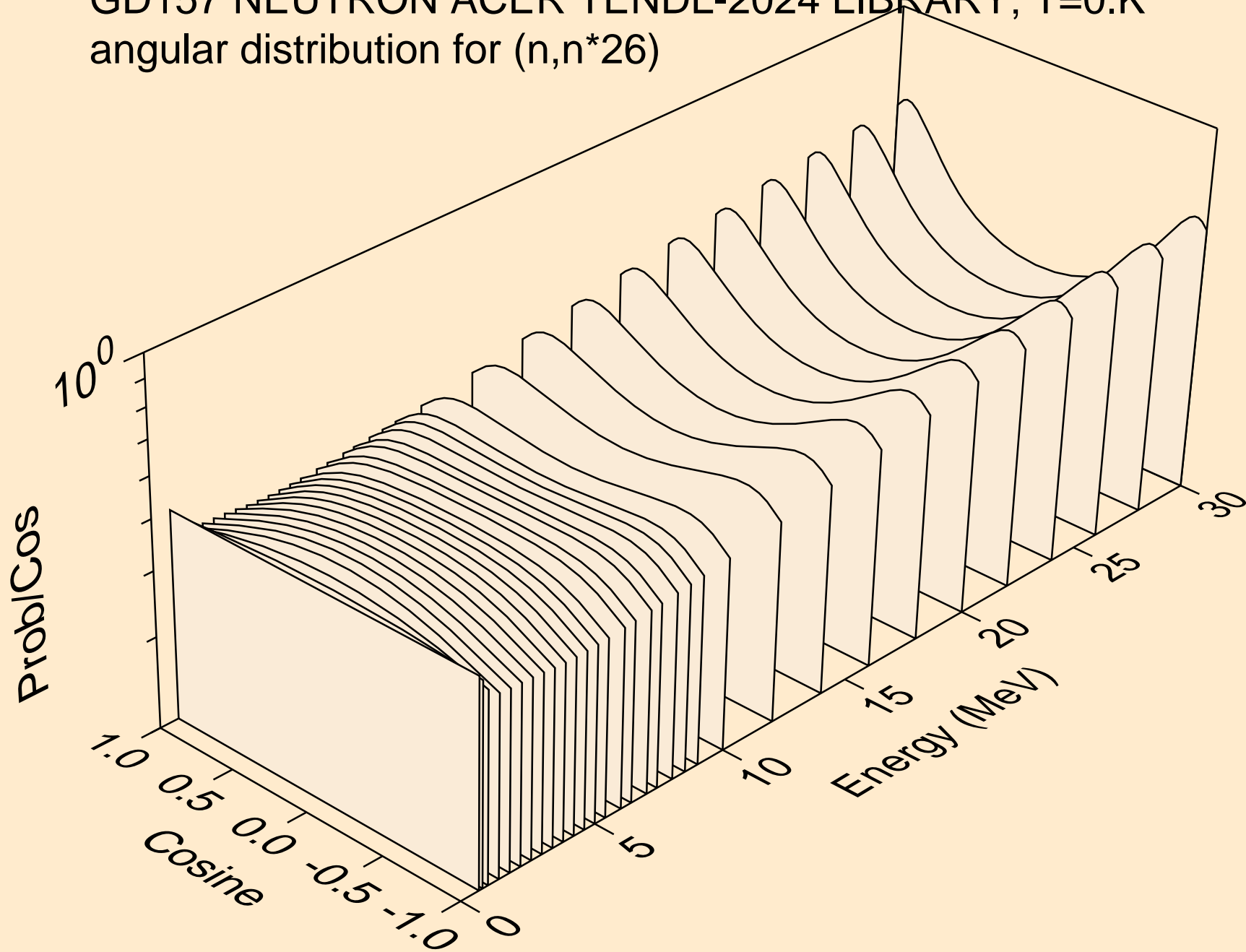
GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*24)



GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)

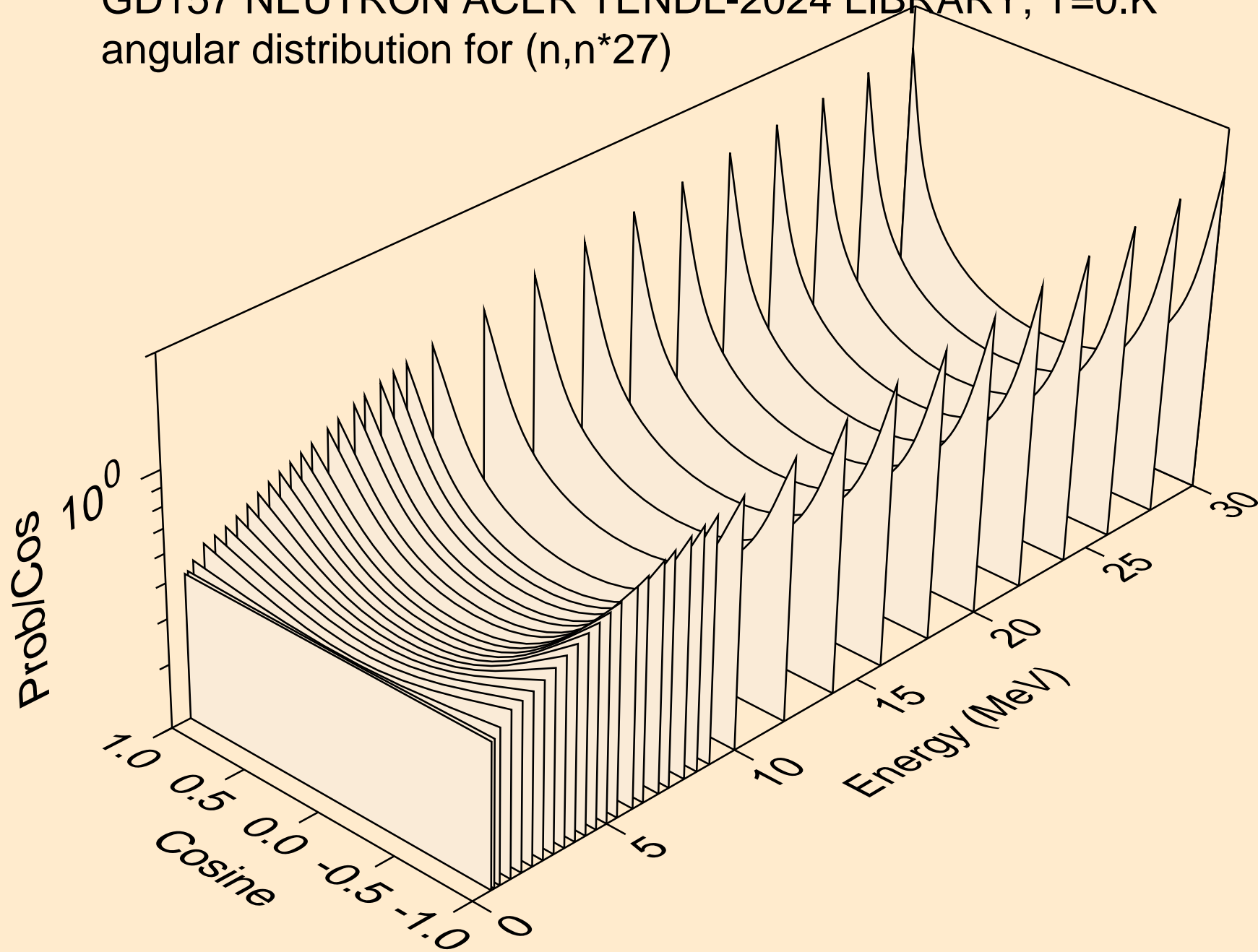


GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)

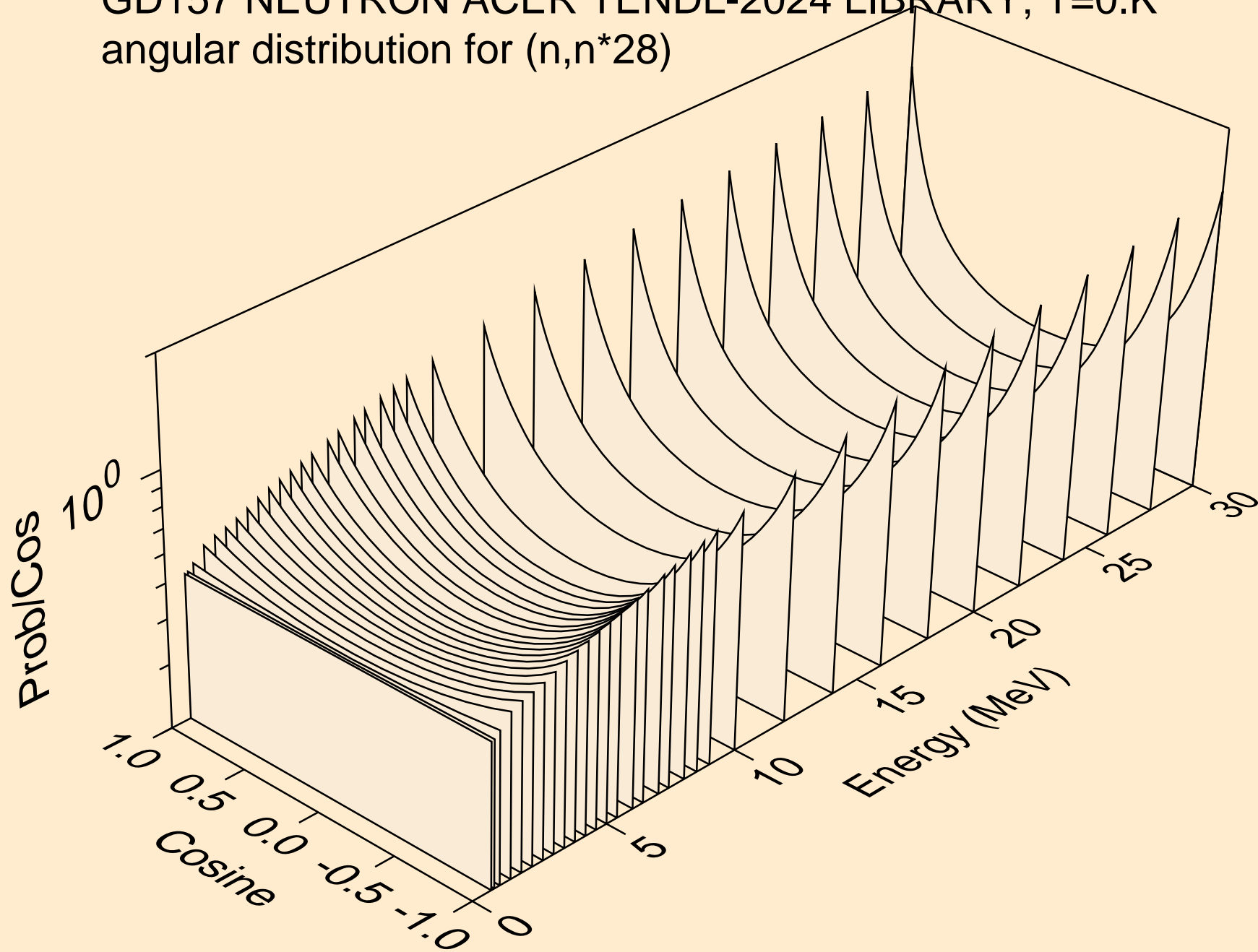




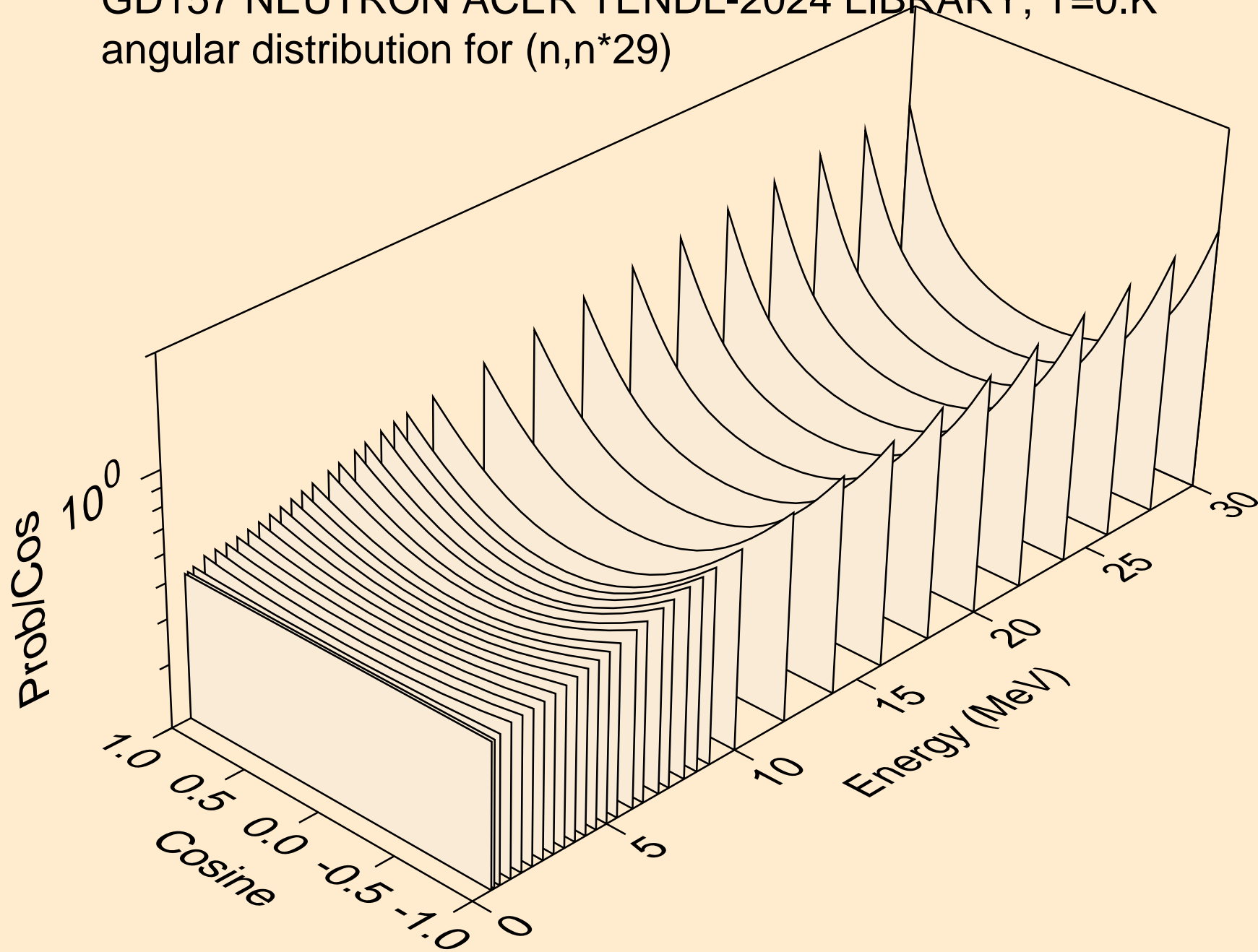
GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)



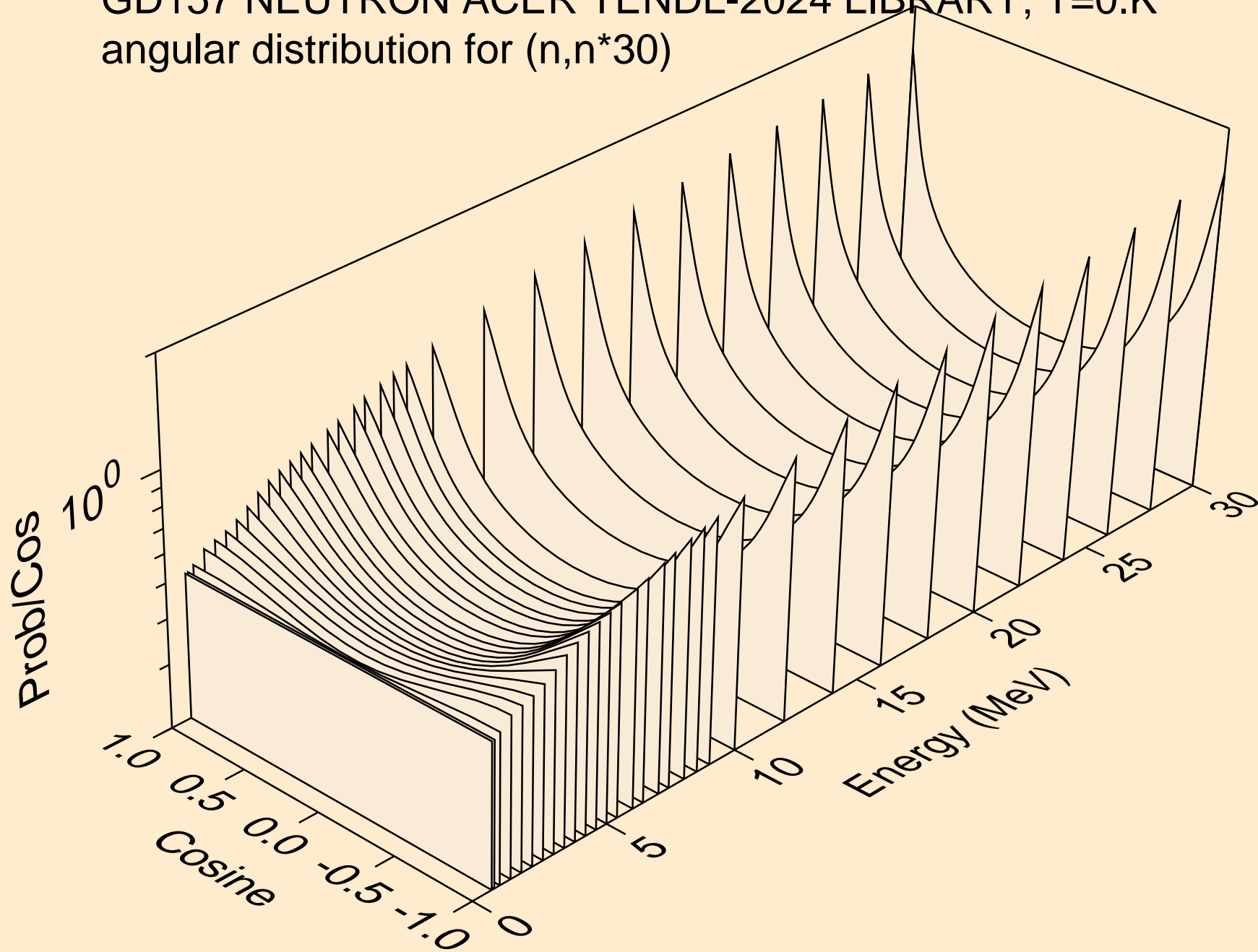
GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*28)



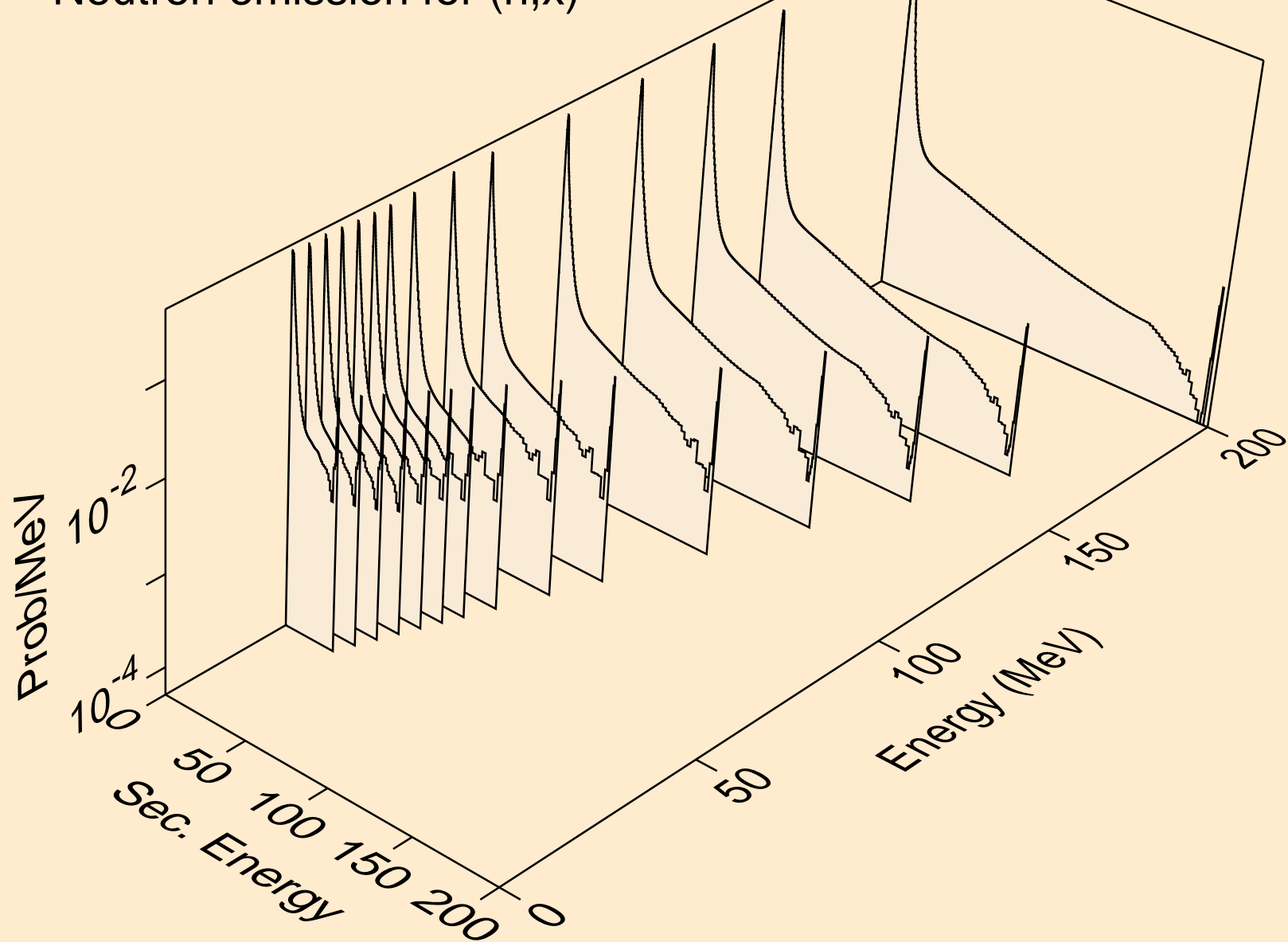
GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*29)



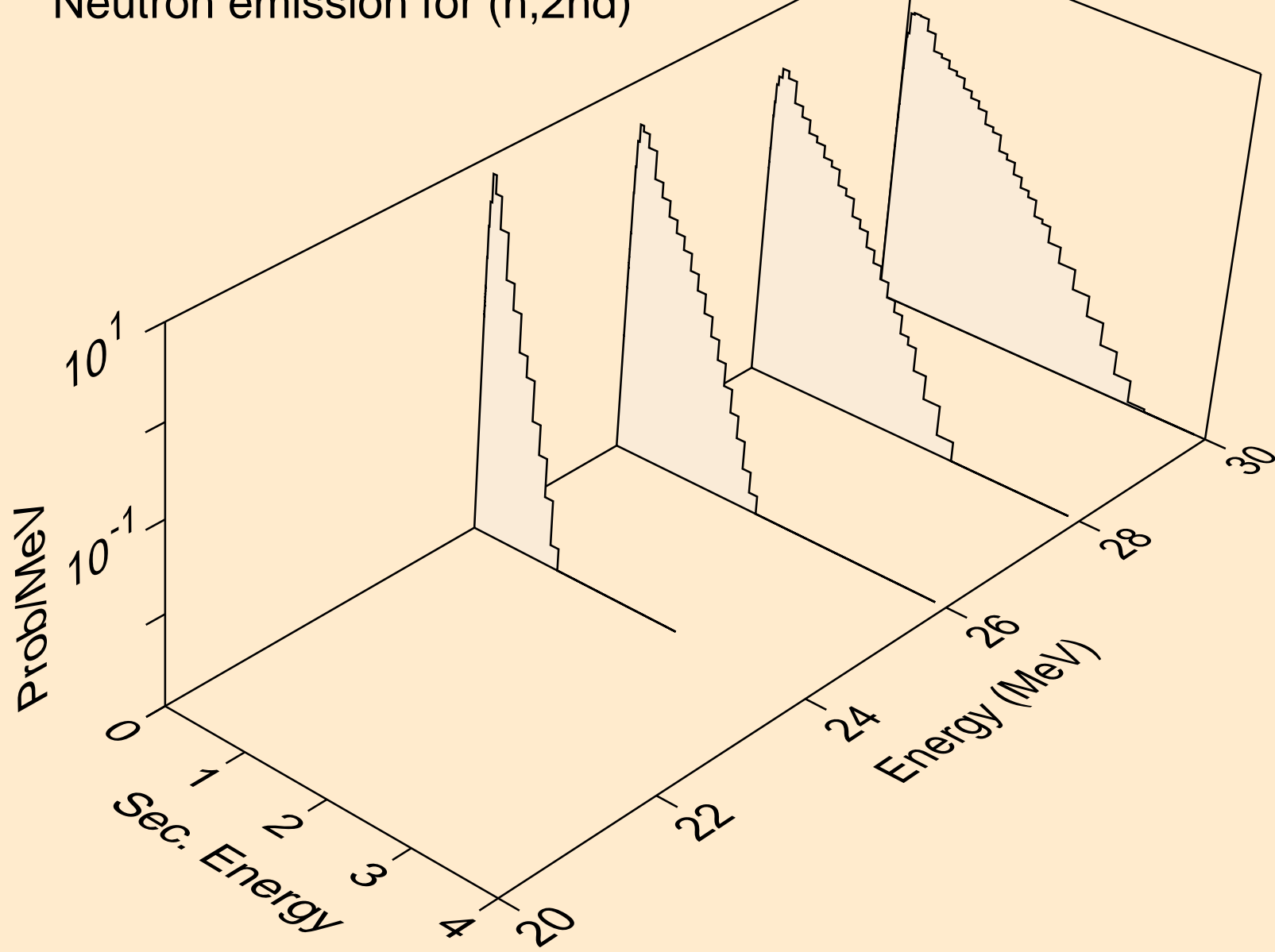
GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*30)



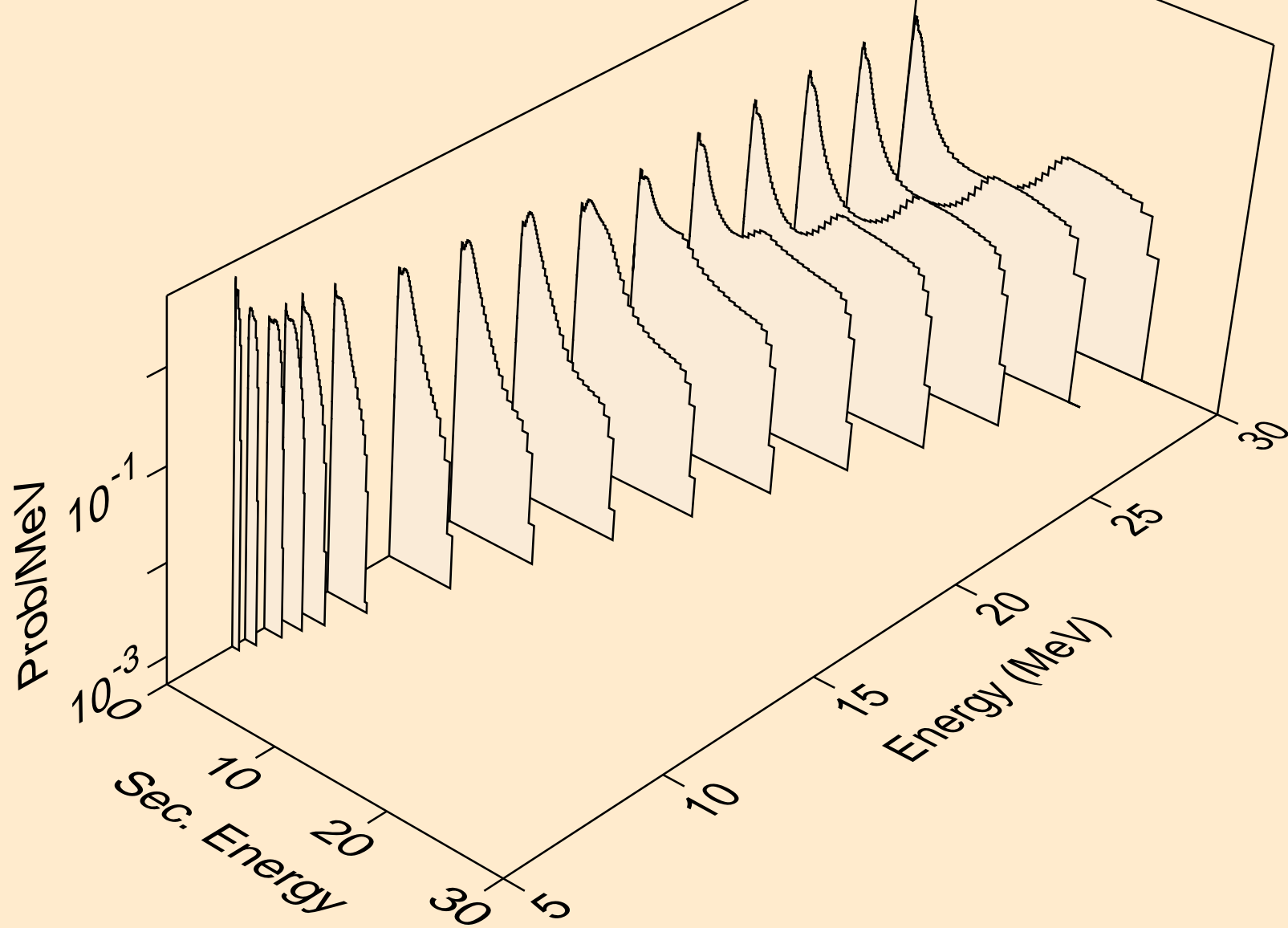
GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



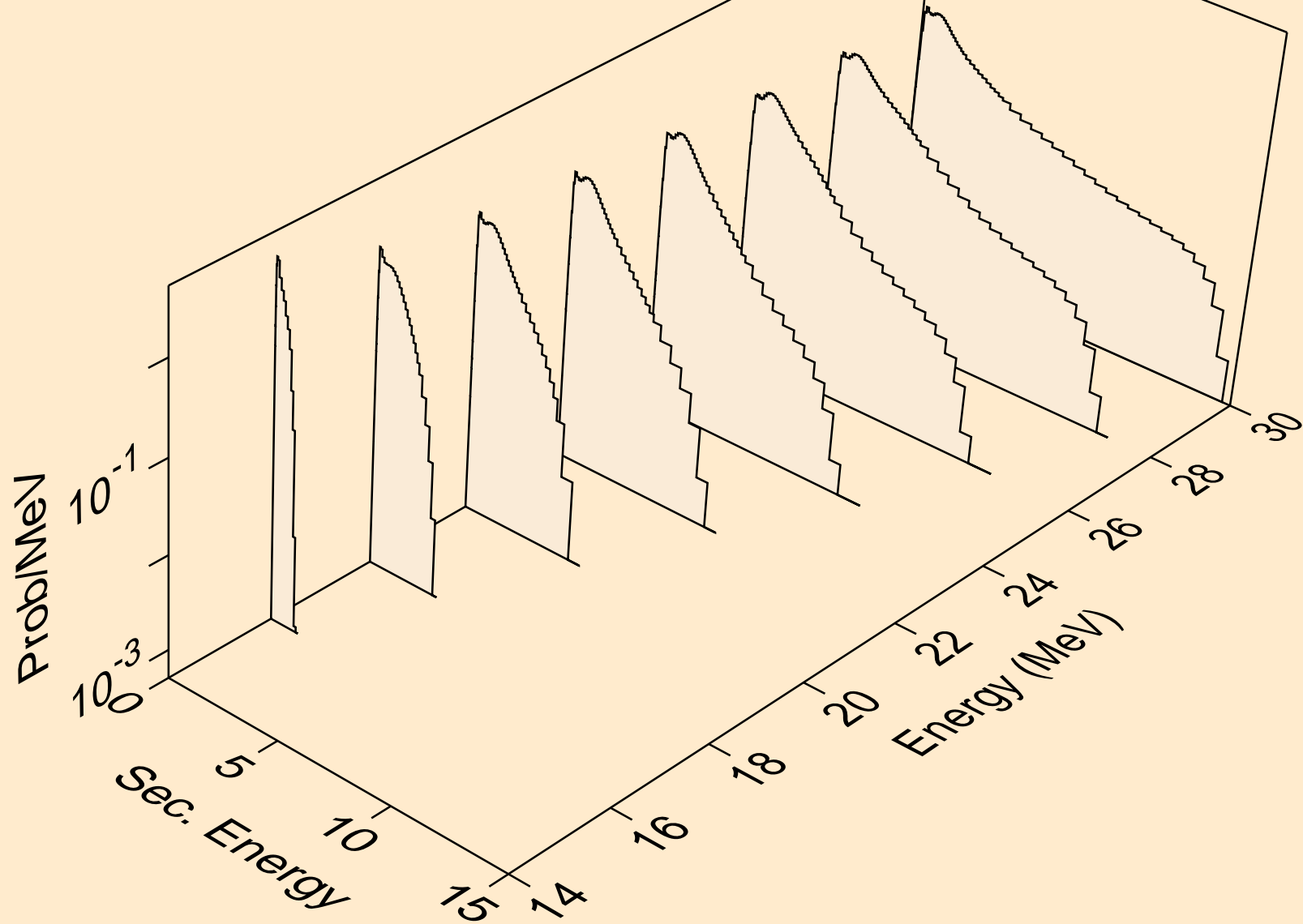
GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)

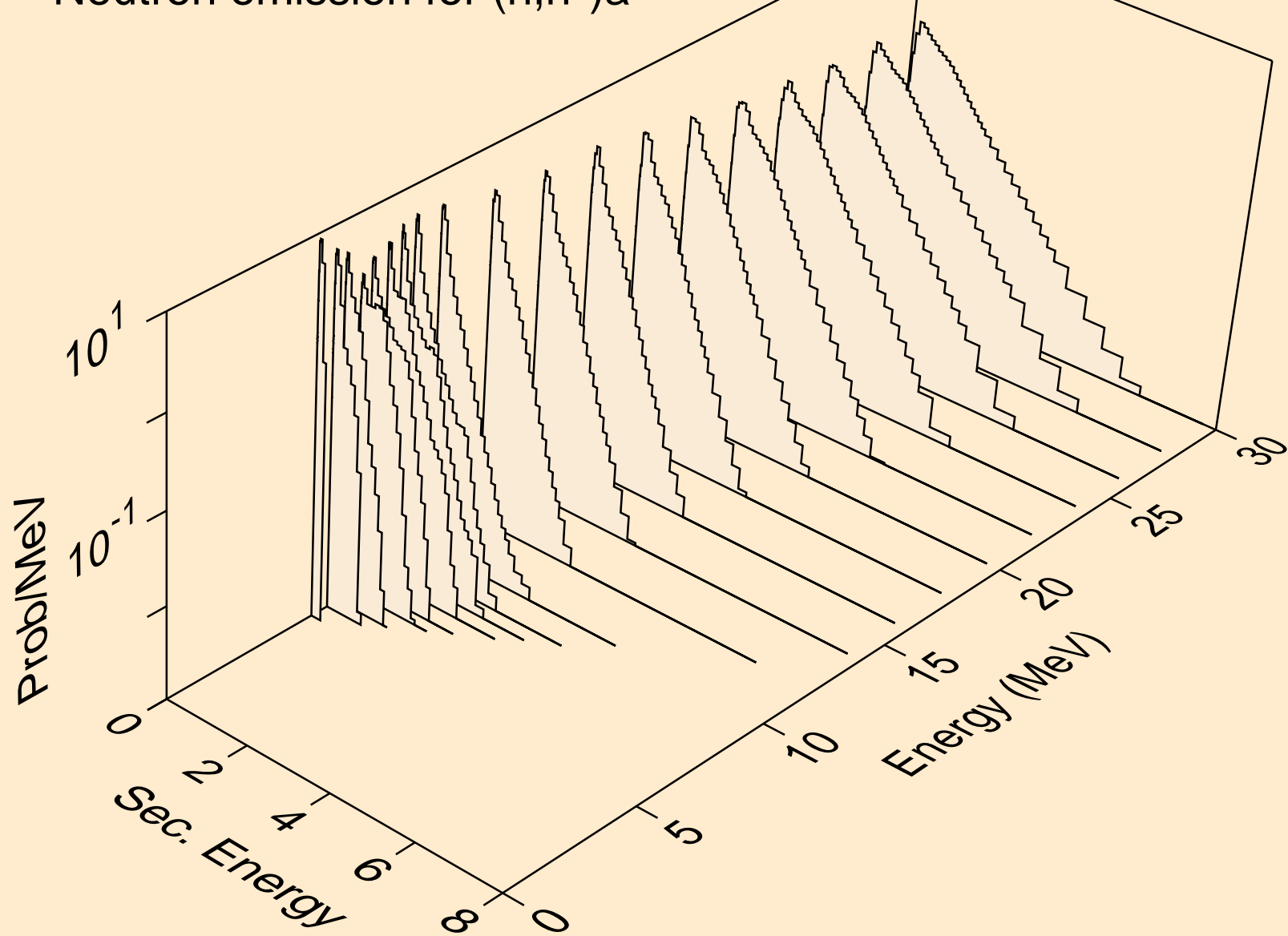


GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)

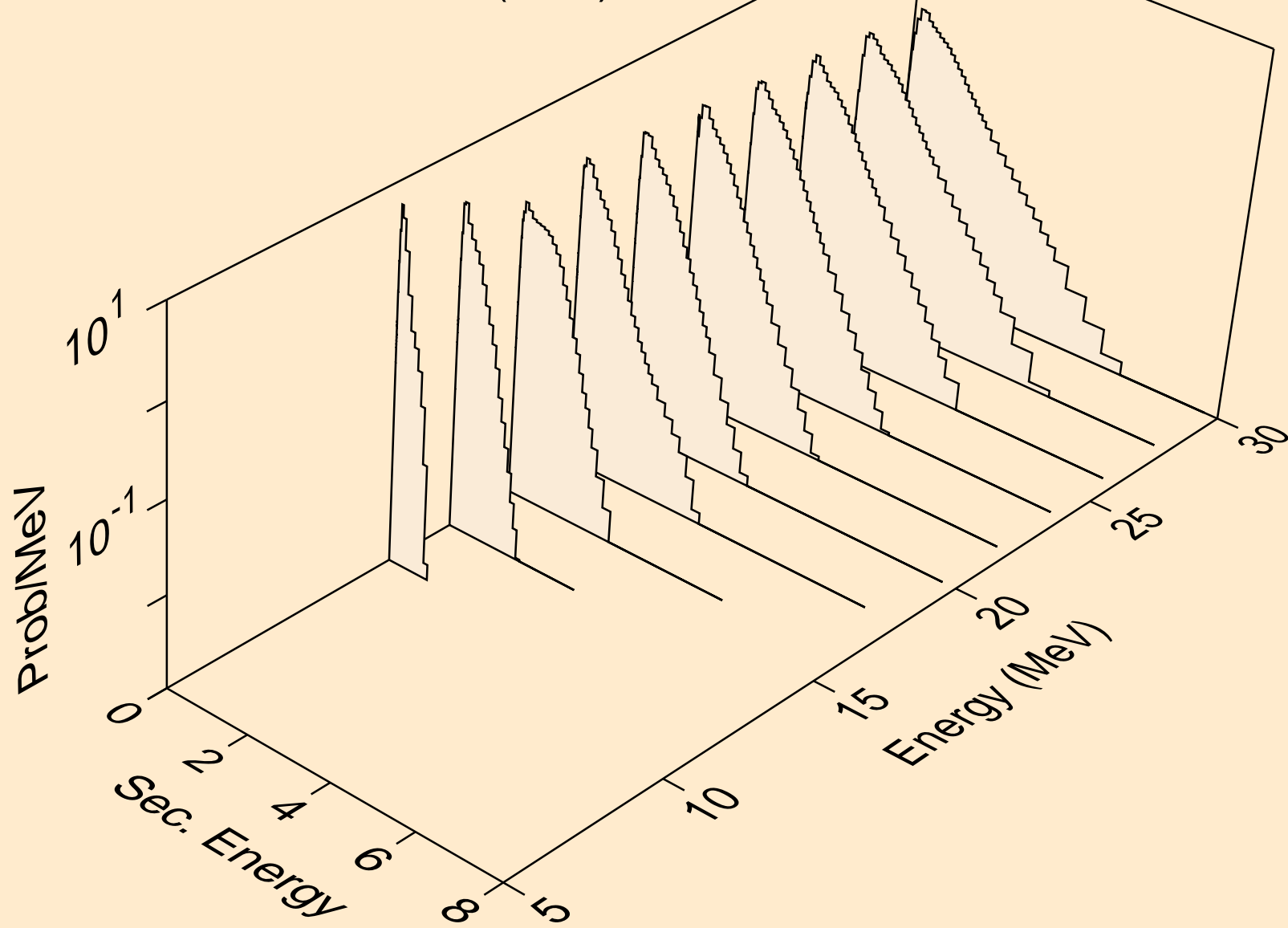




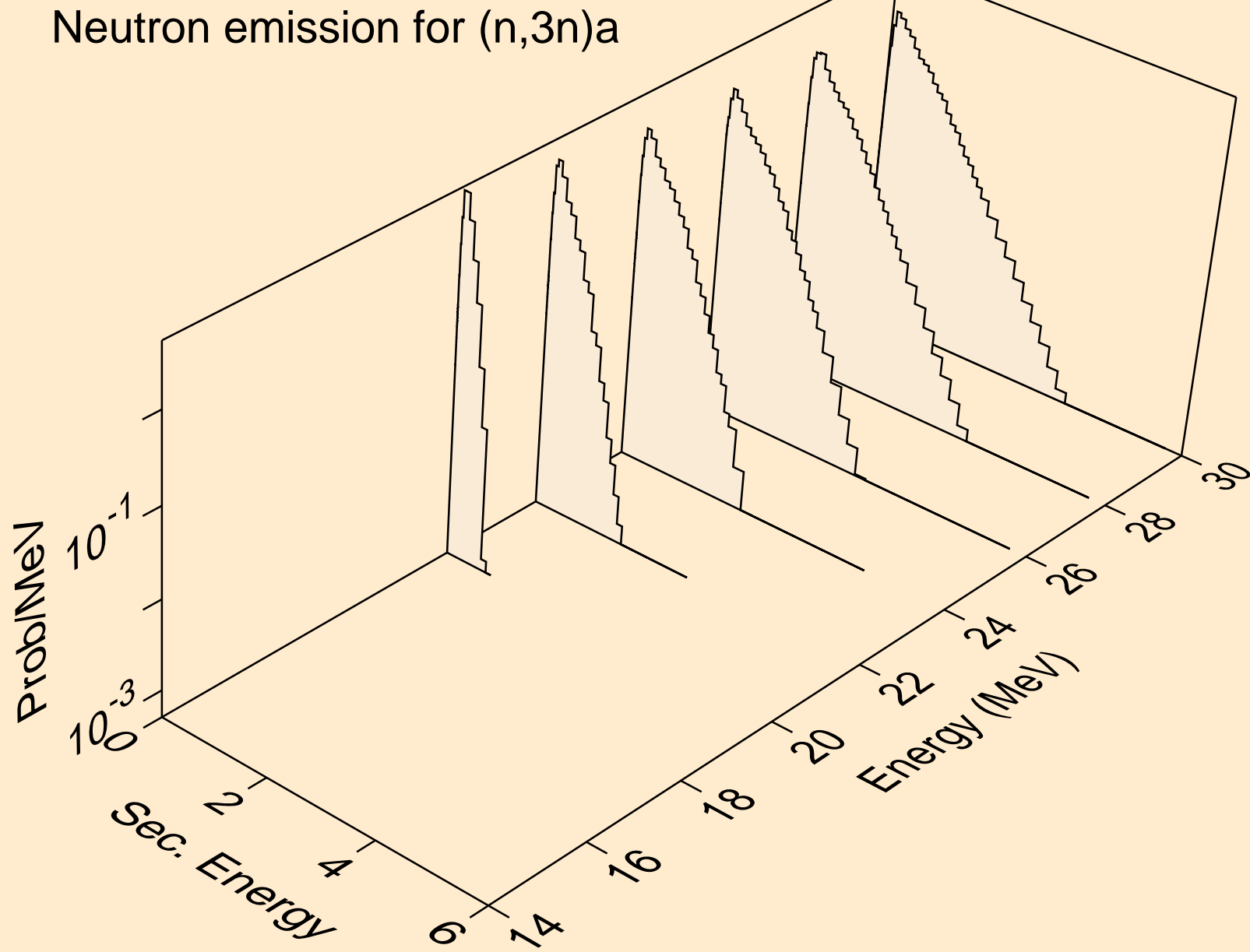
GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



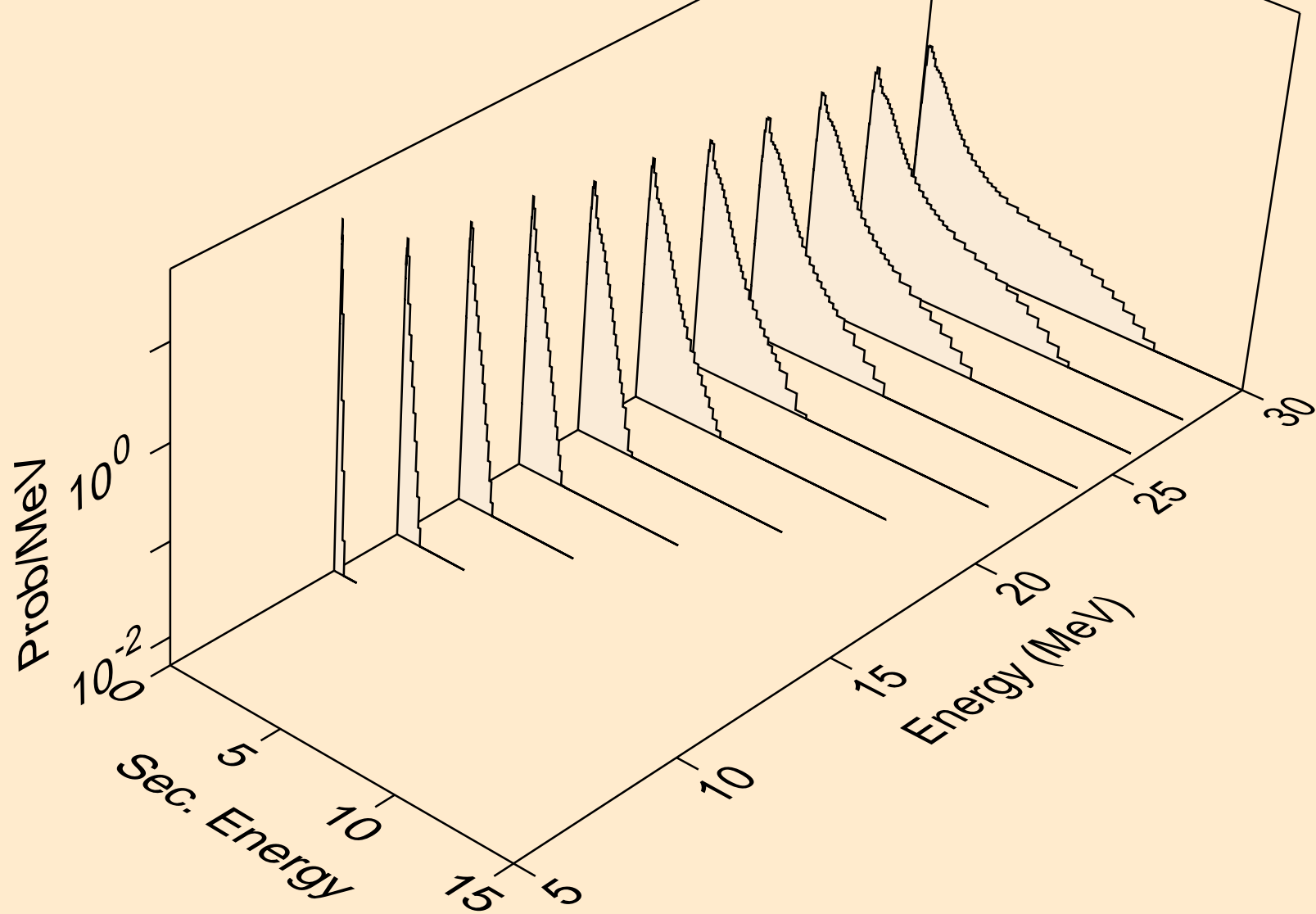
GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



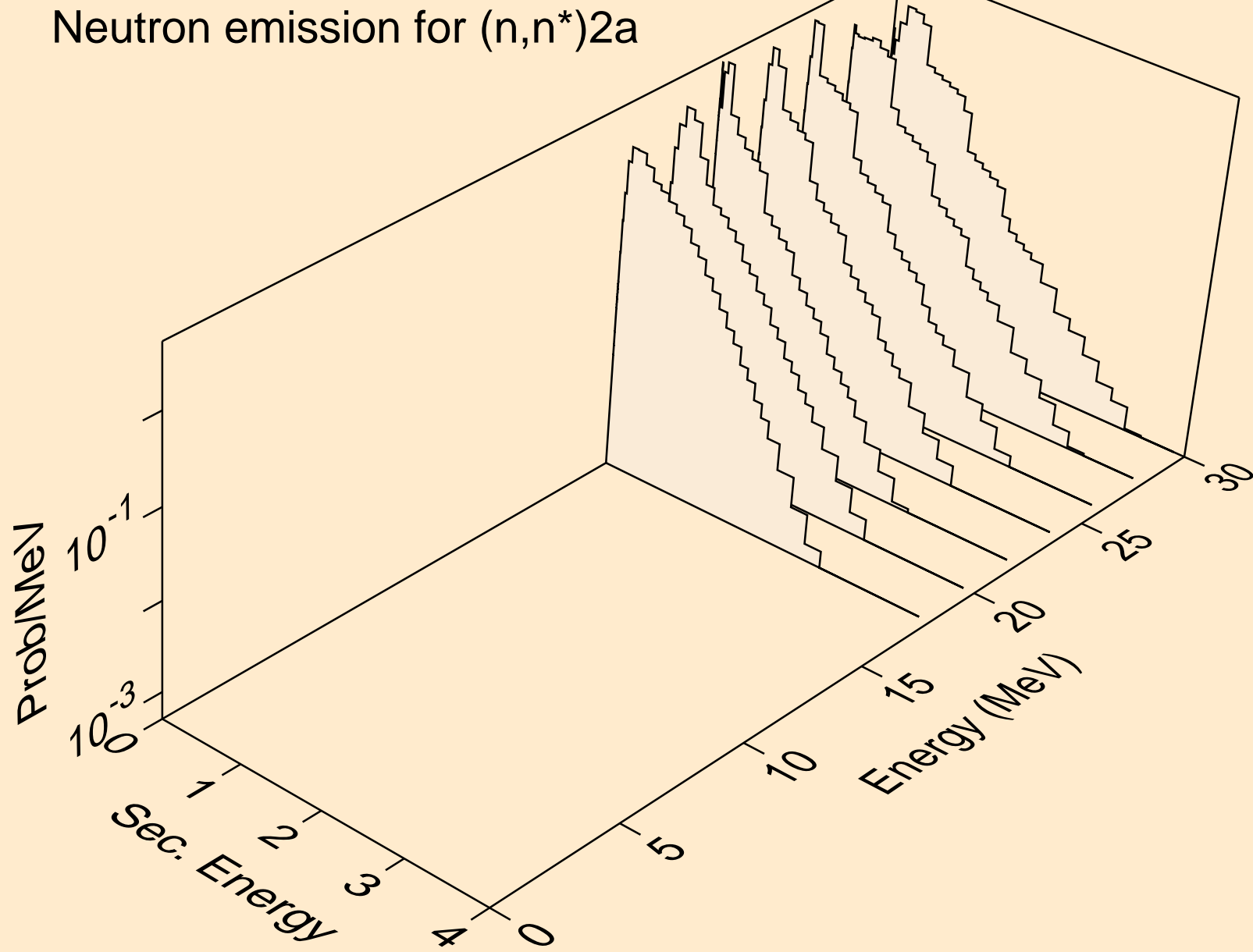
GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



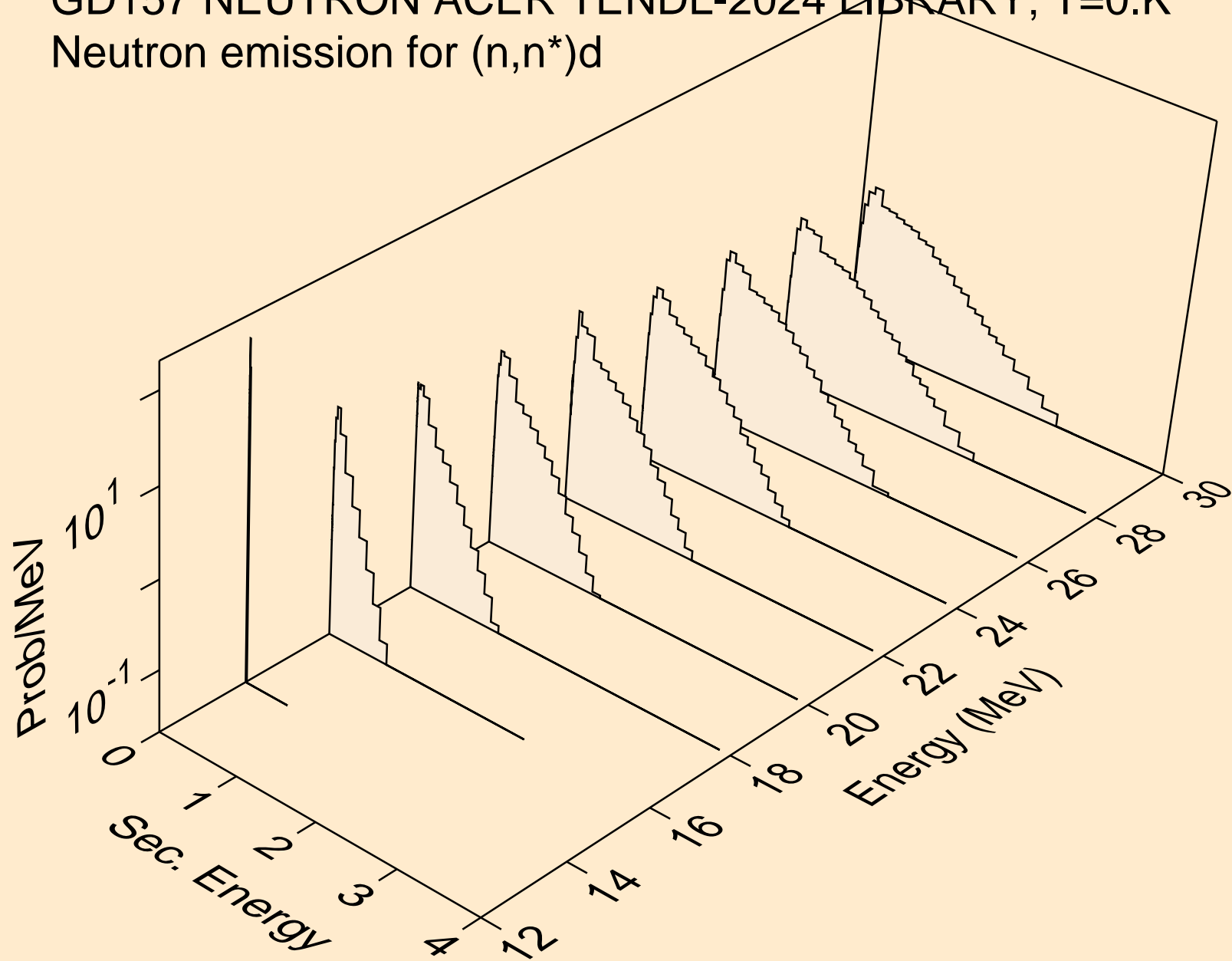
GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



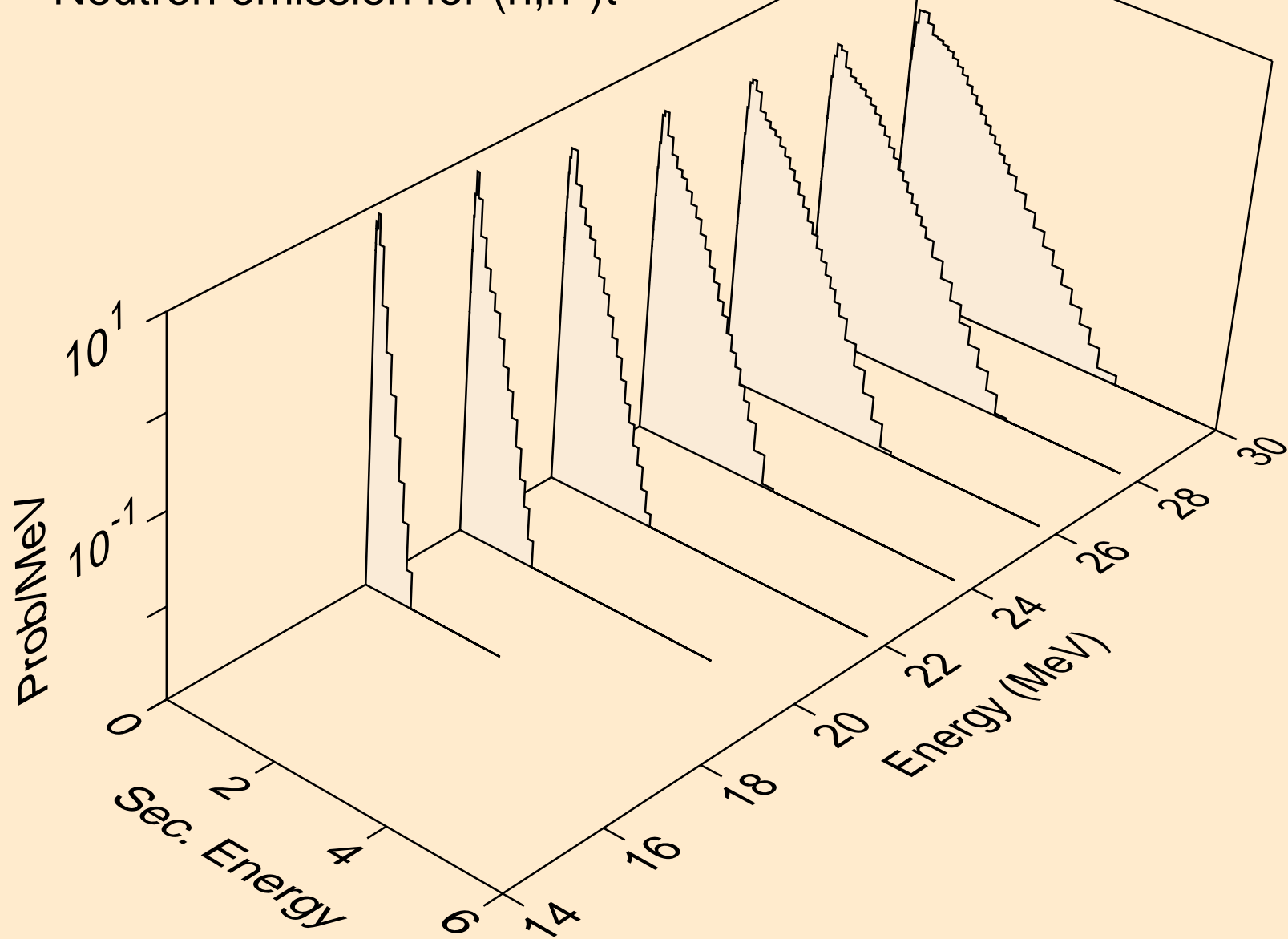
GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



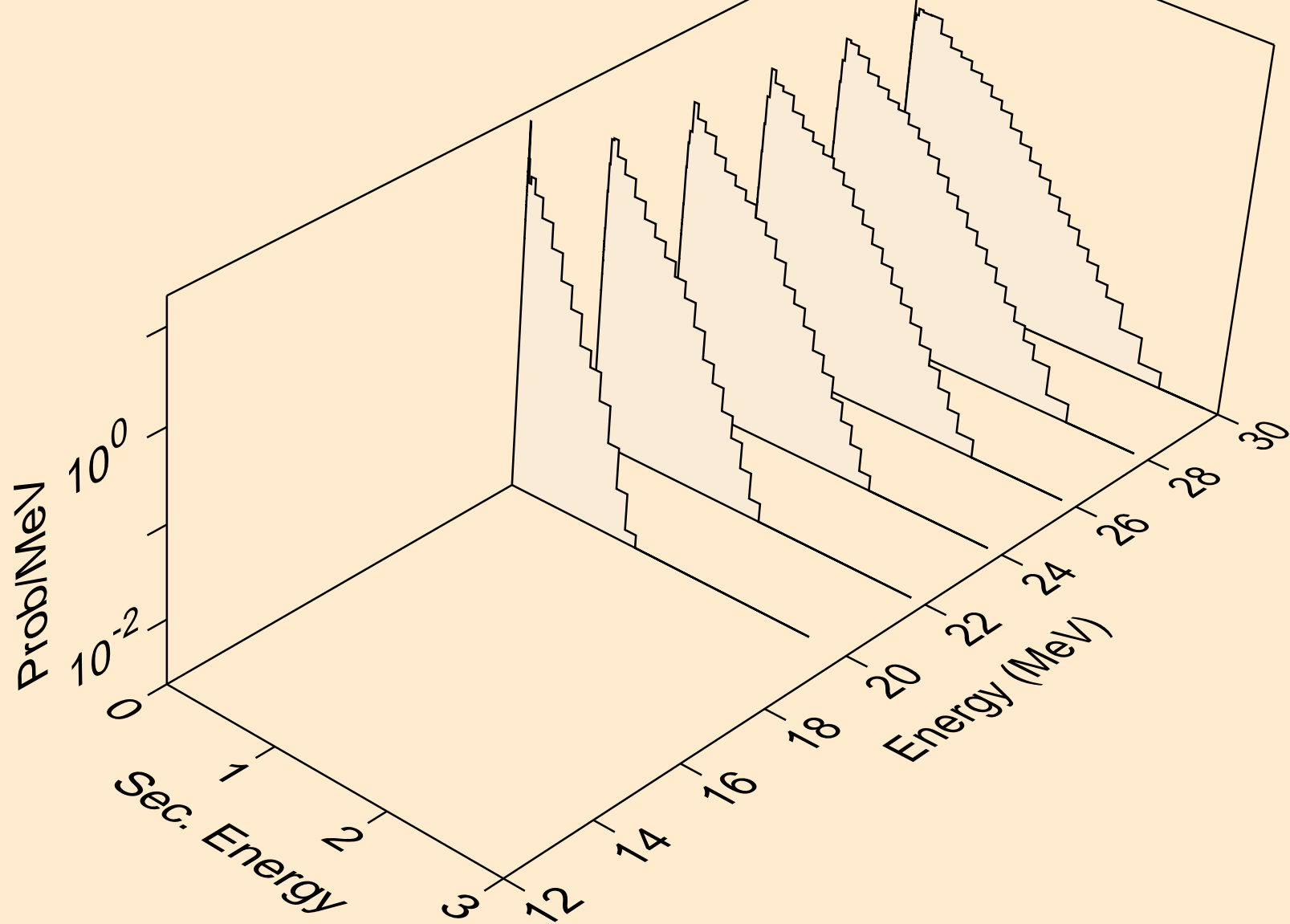
GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t

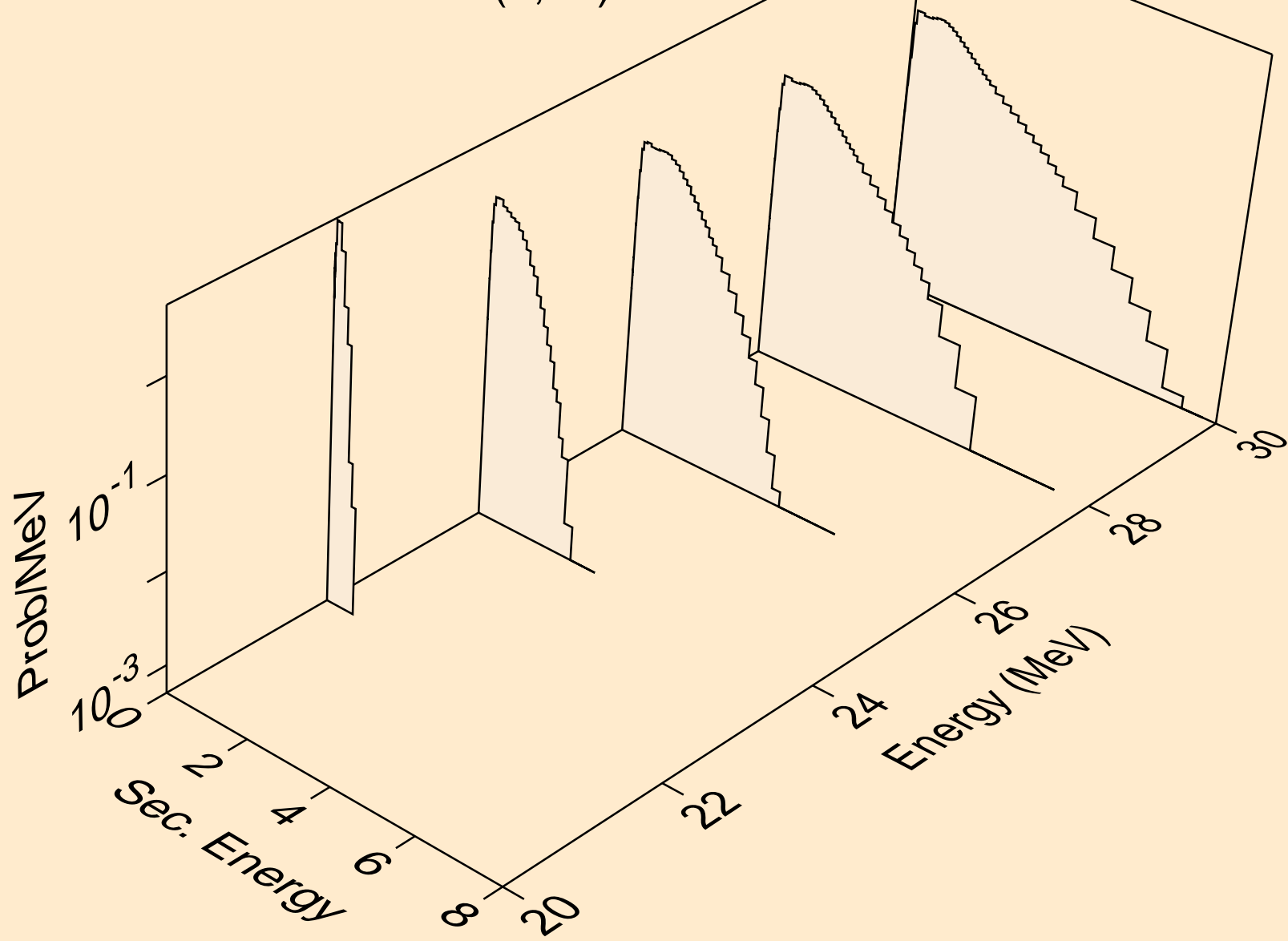


GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3

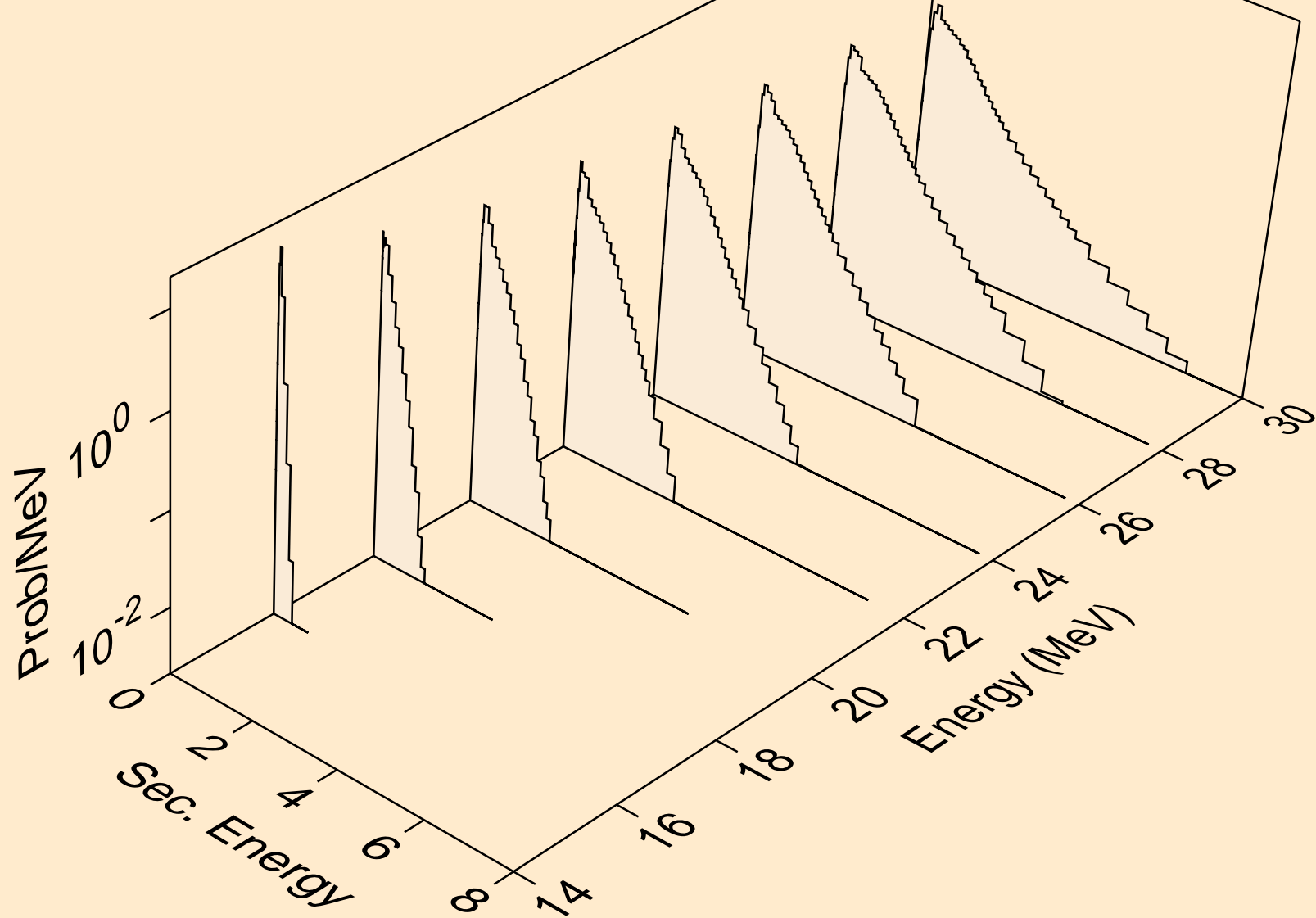




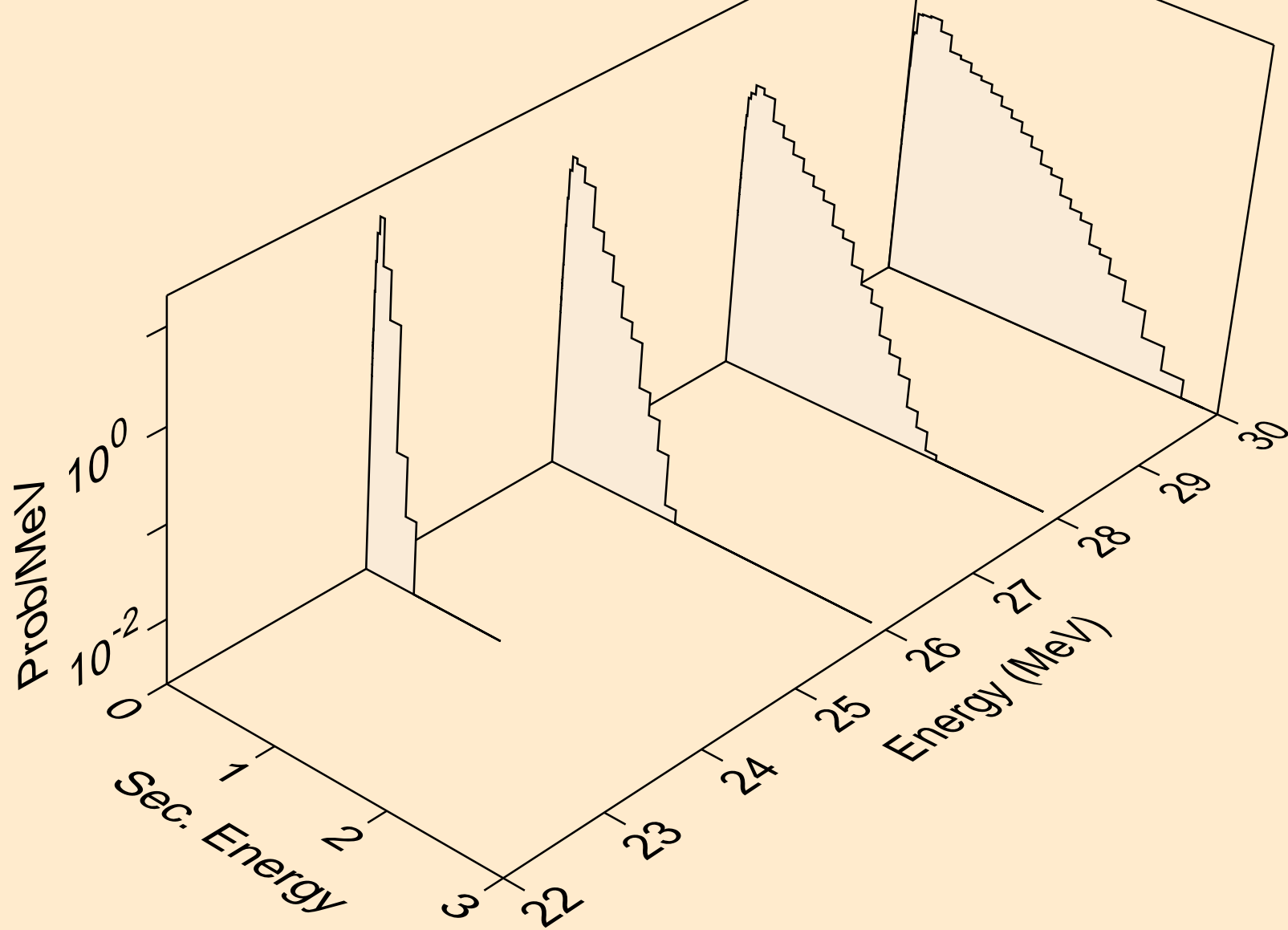
GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



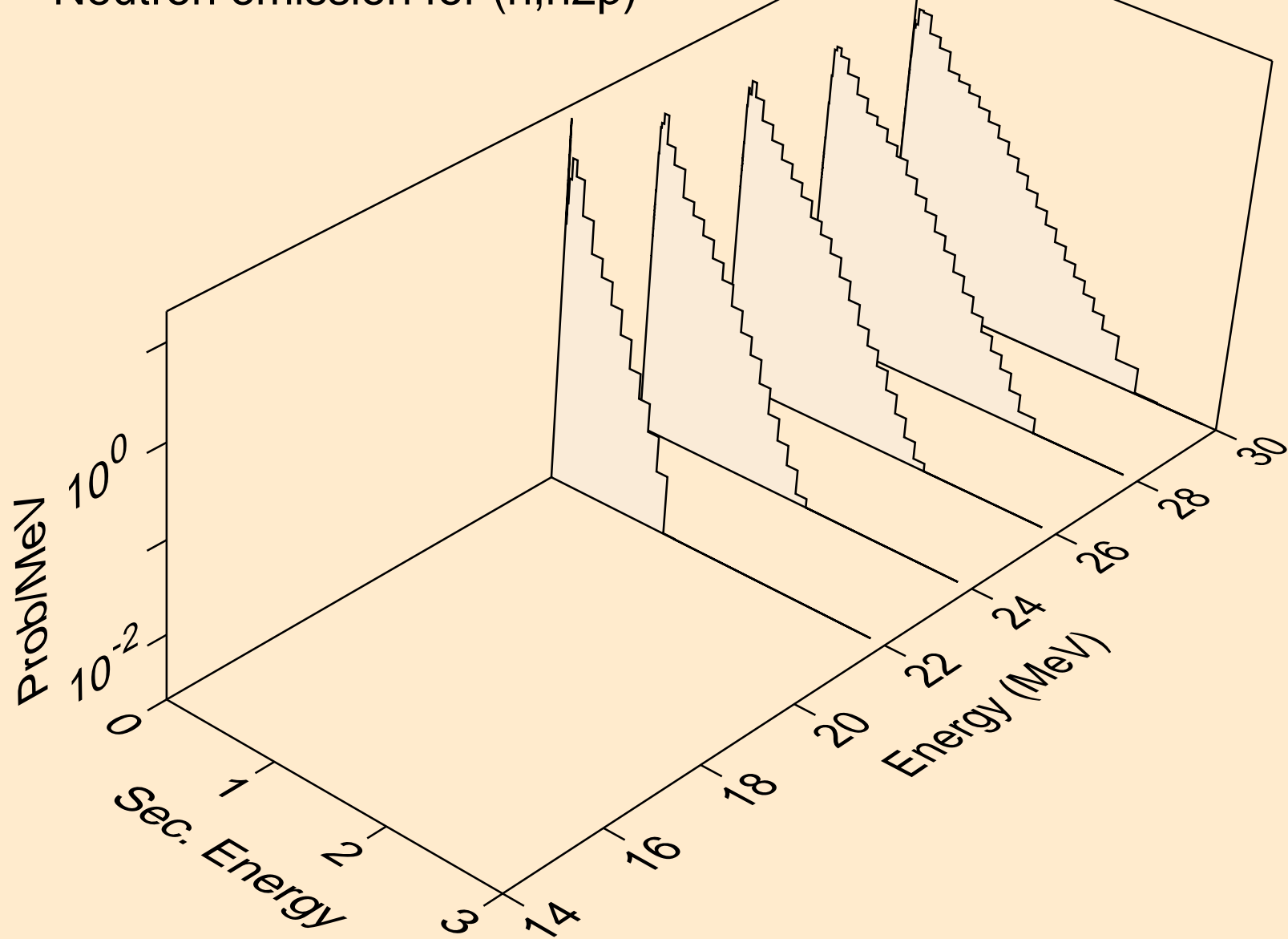
GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



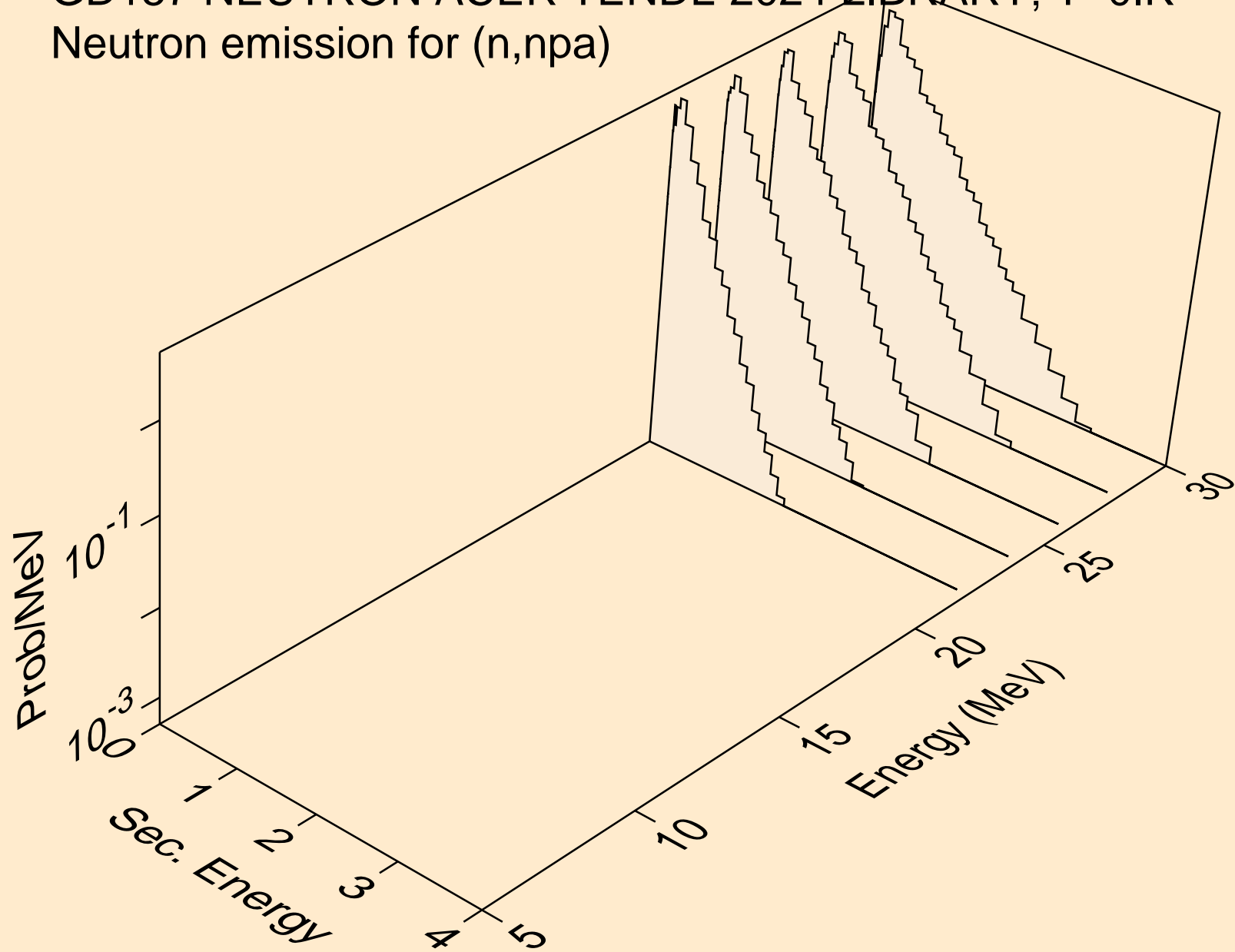
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Neutron emission for (n,3np)



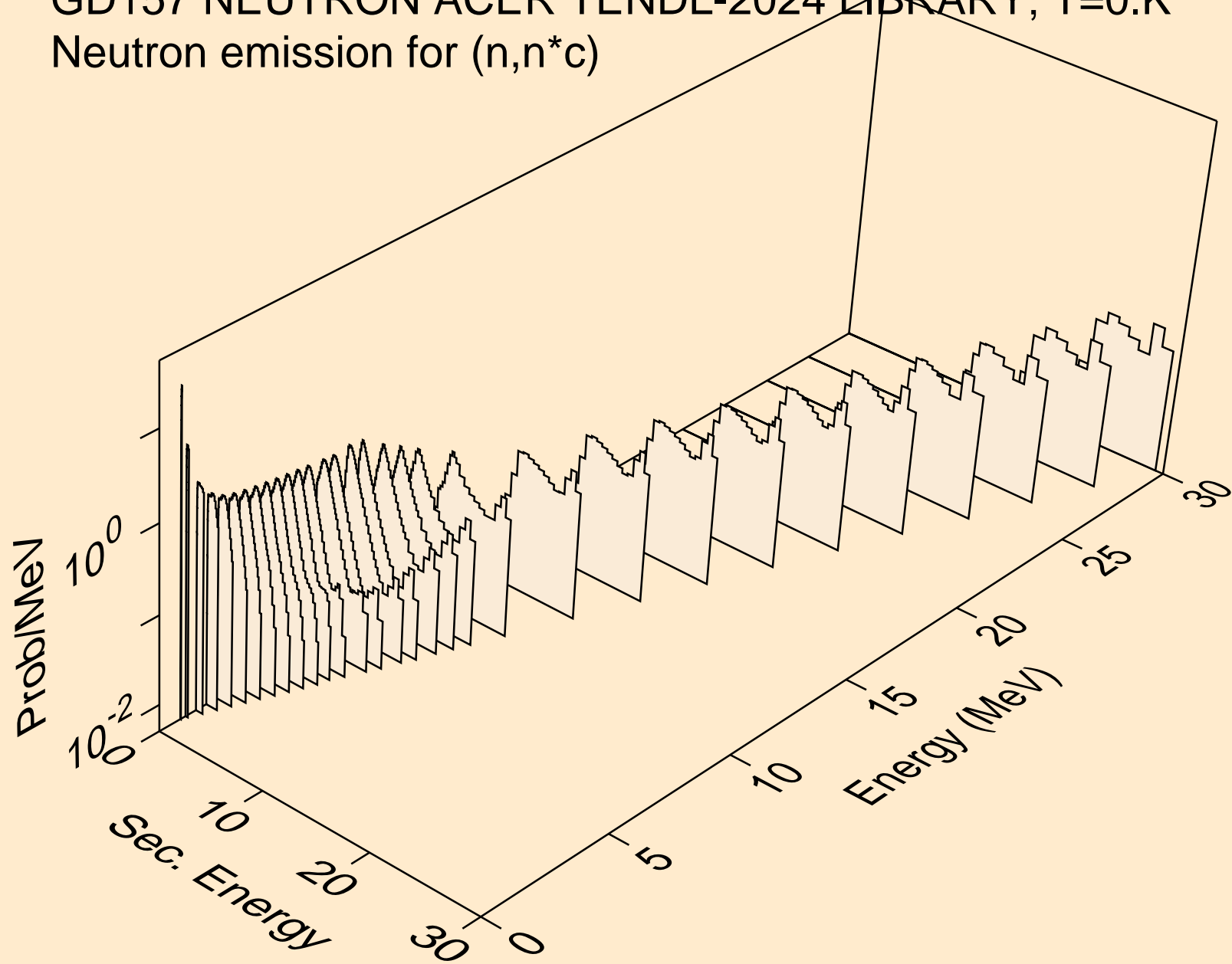
GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



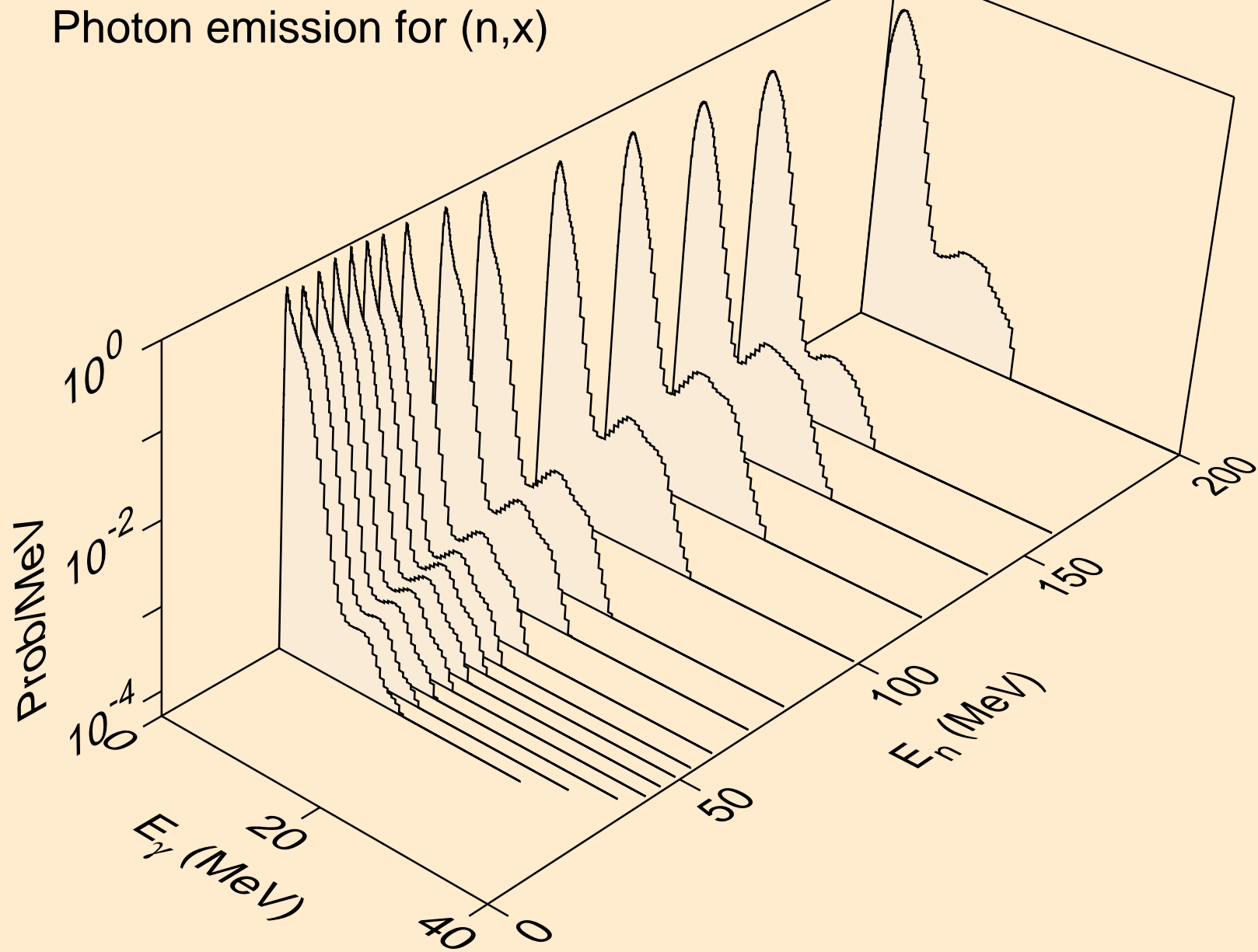
GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)



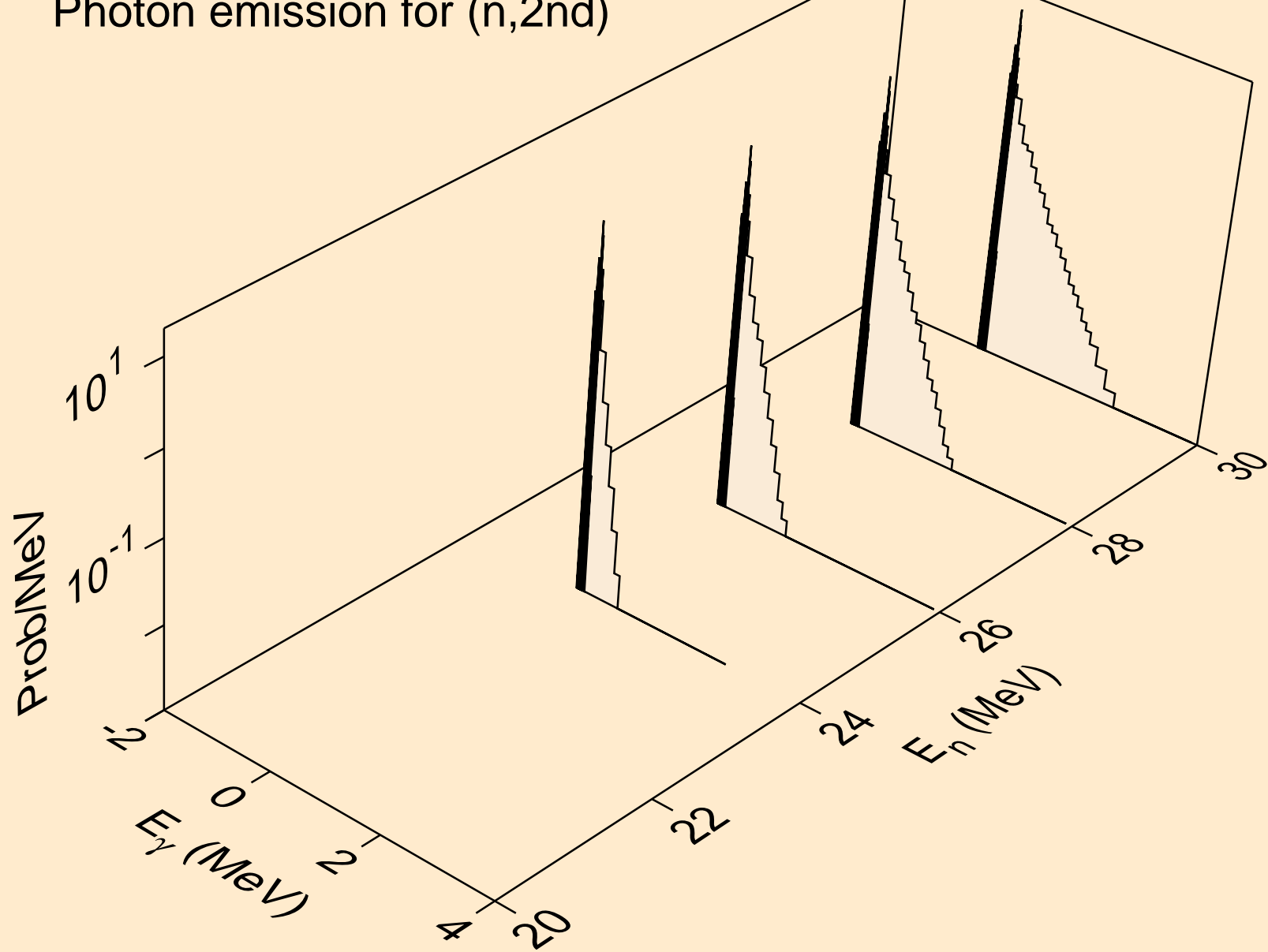
GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)

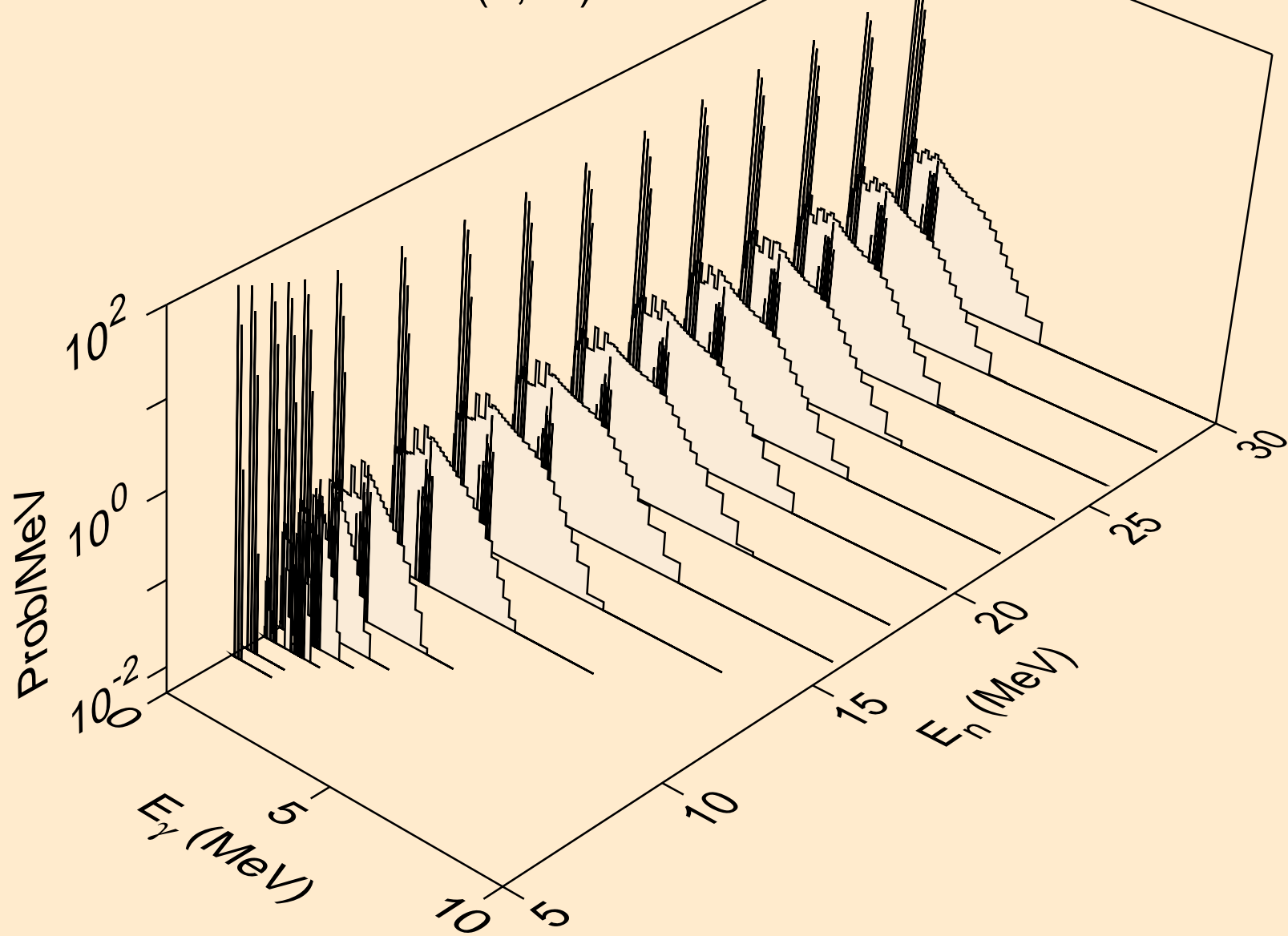


GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)

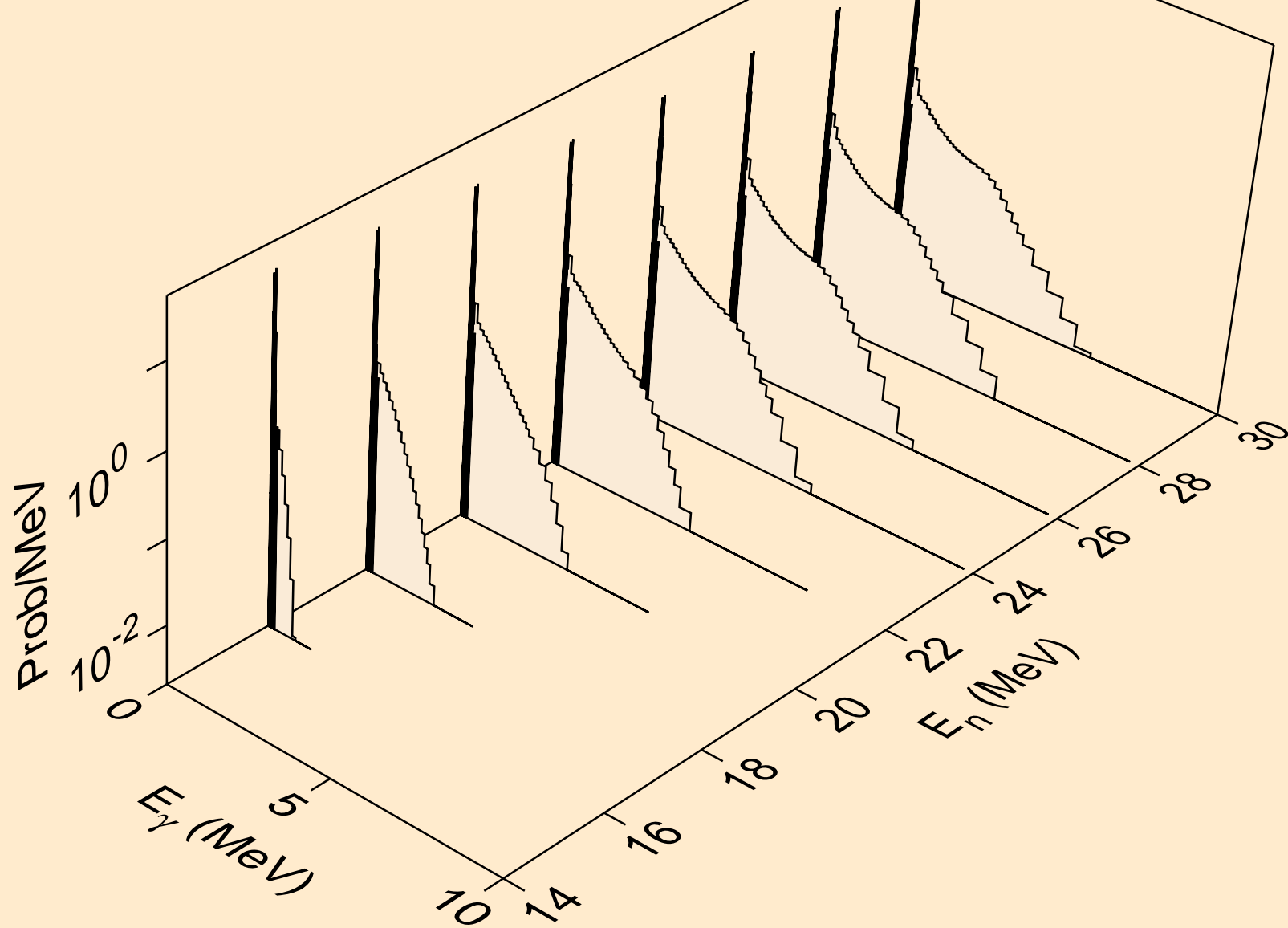




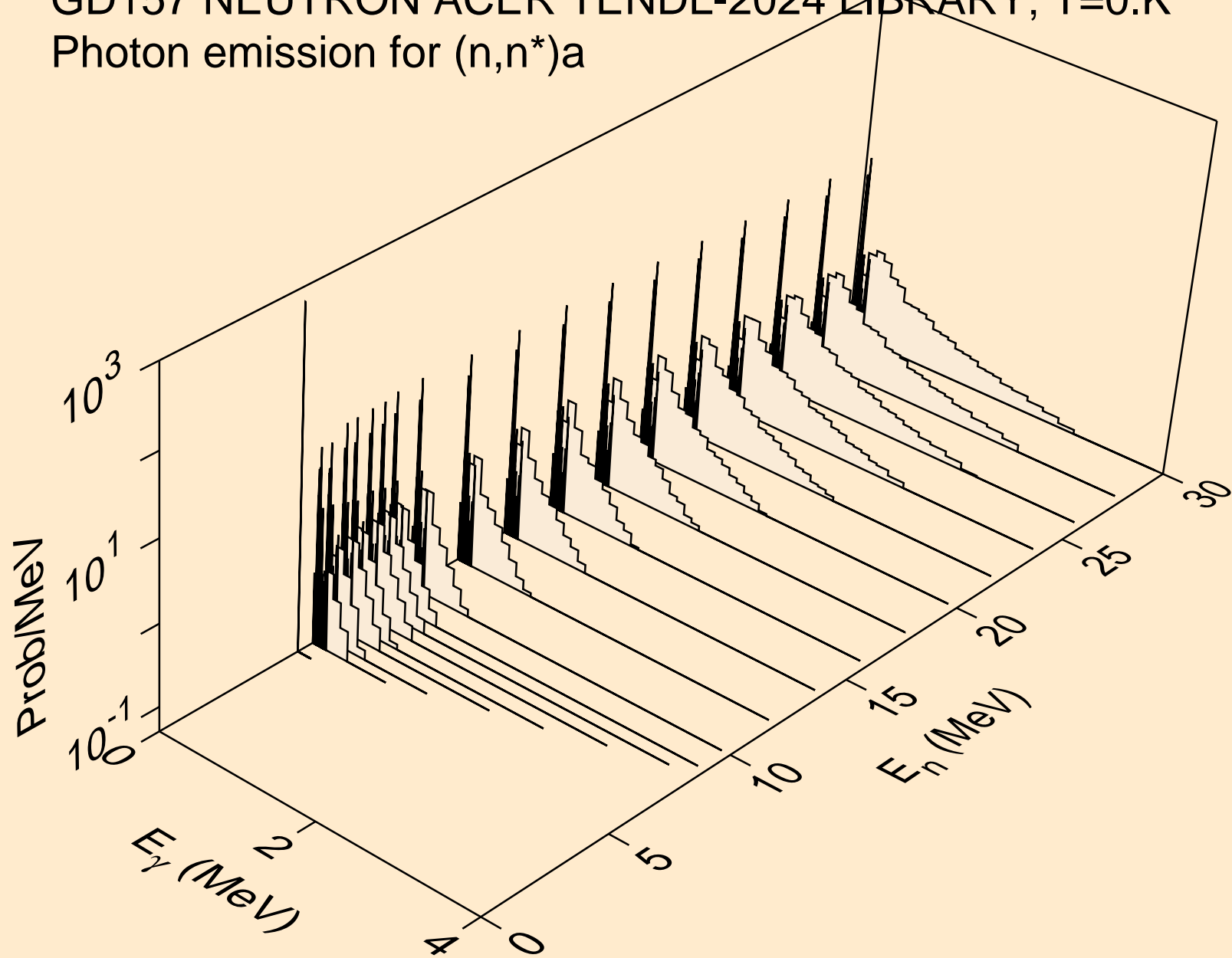
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Photon emission for (n,2n)



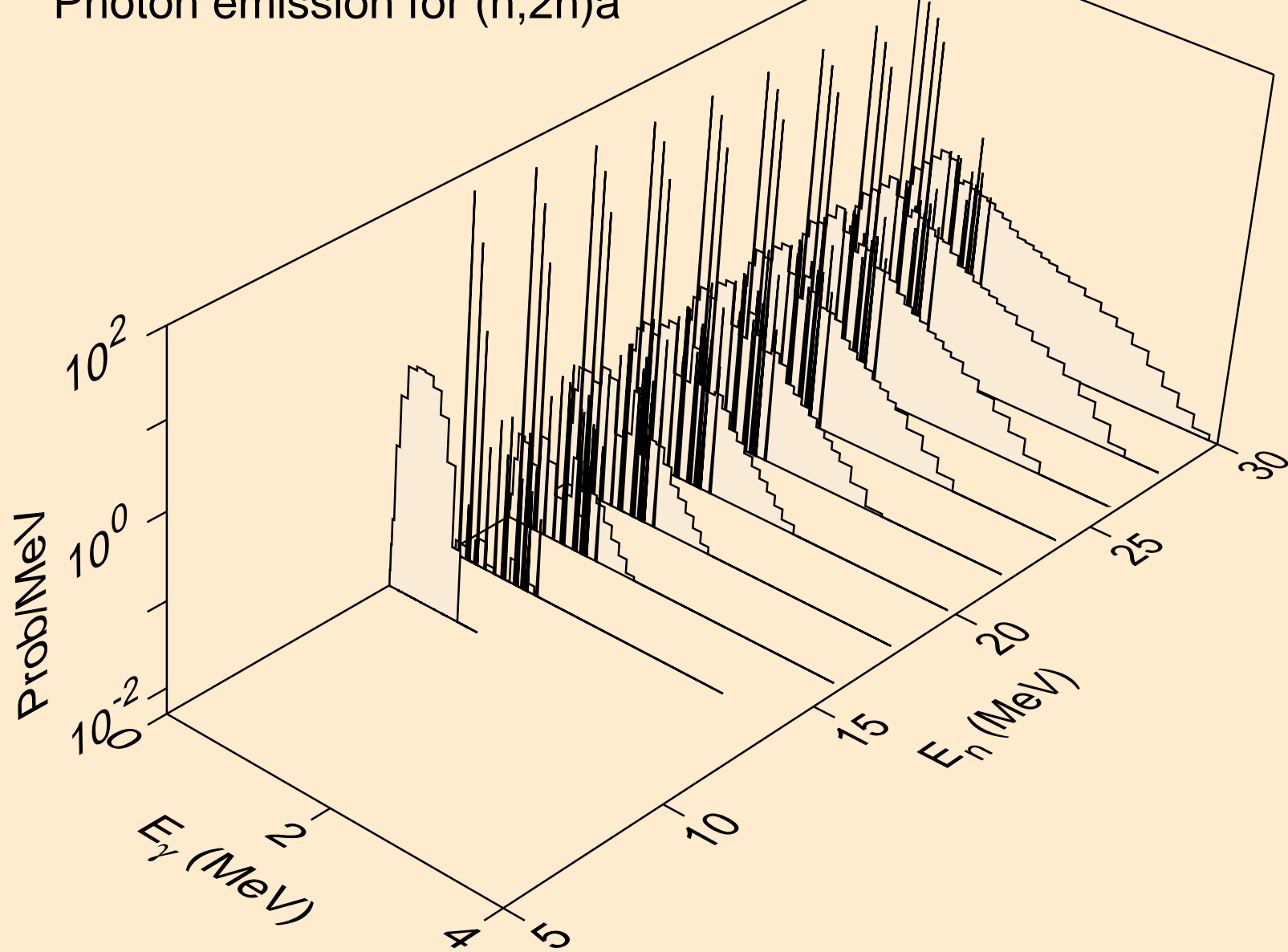
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Photon emission for (n,3n)



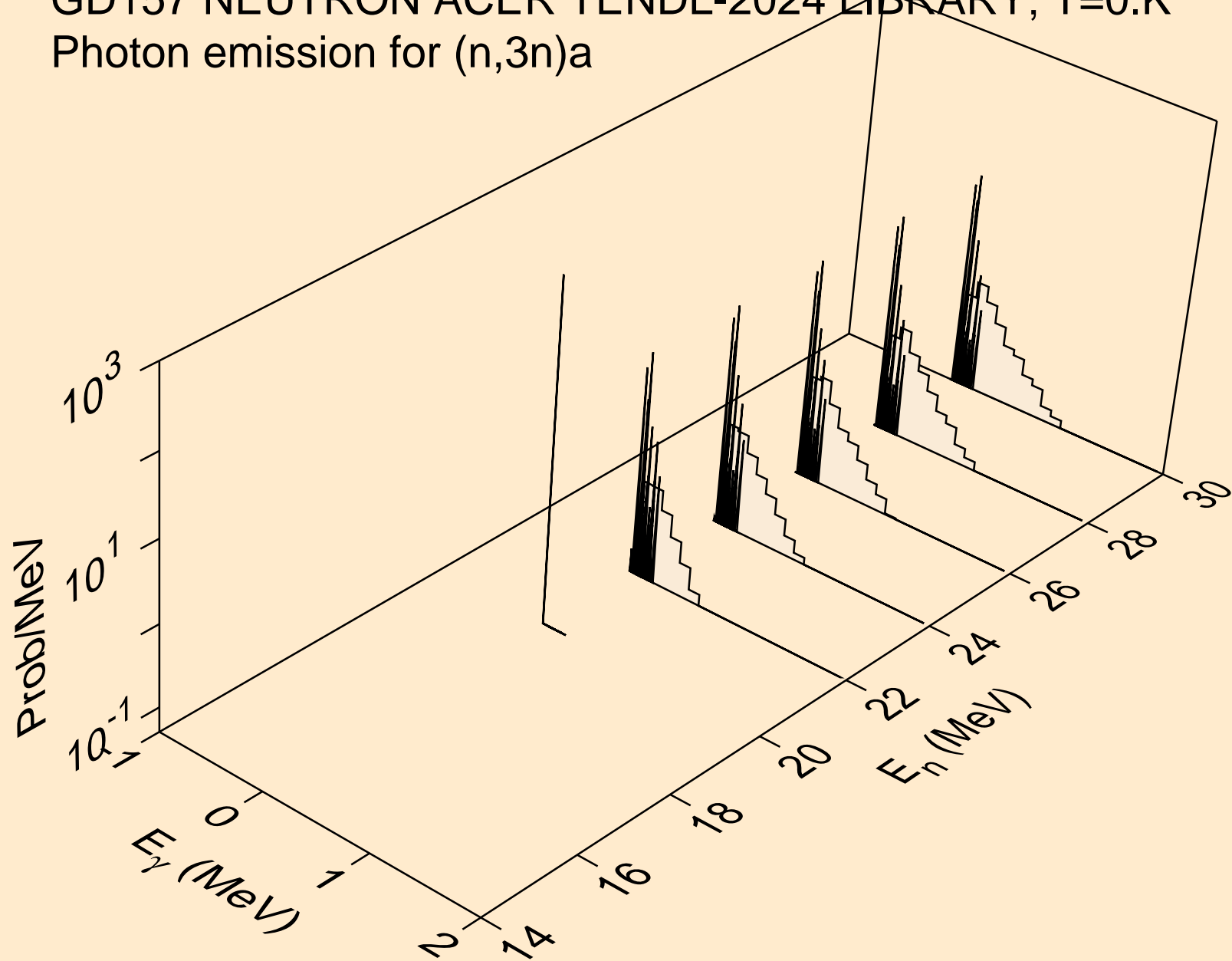
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Photon emission for (n,n\*)a



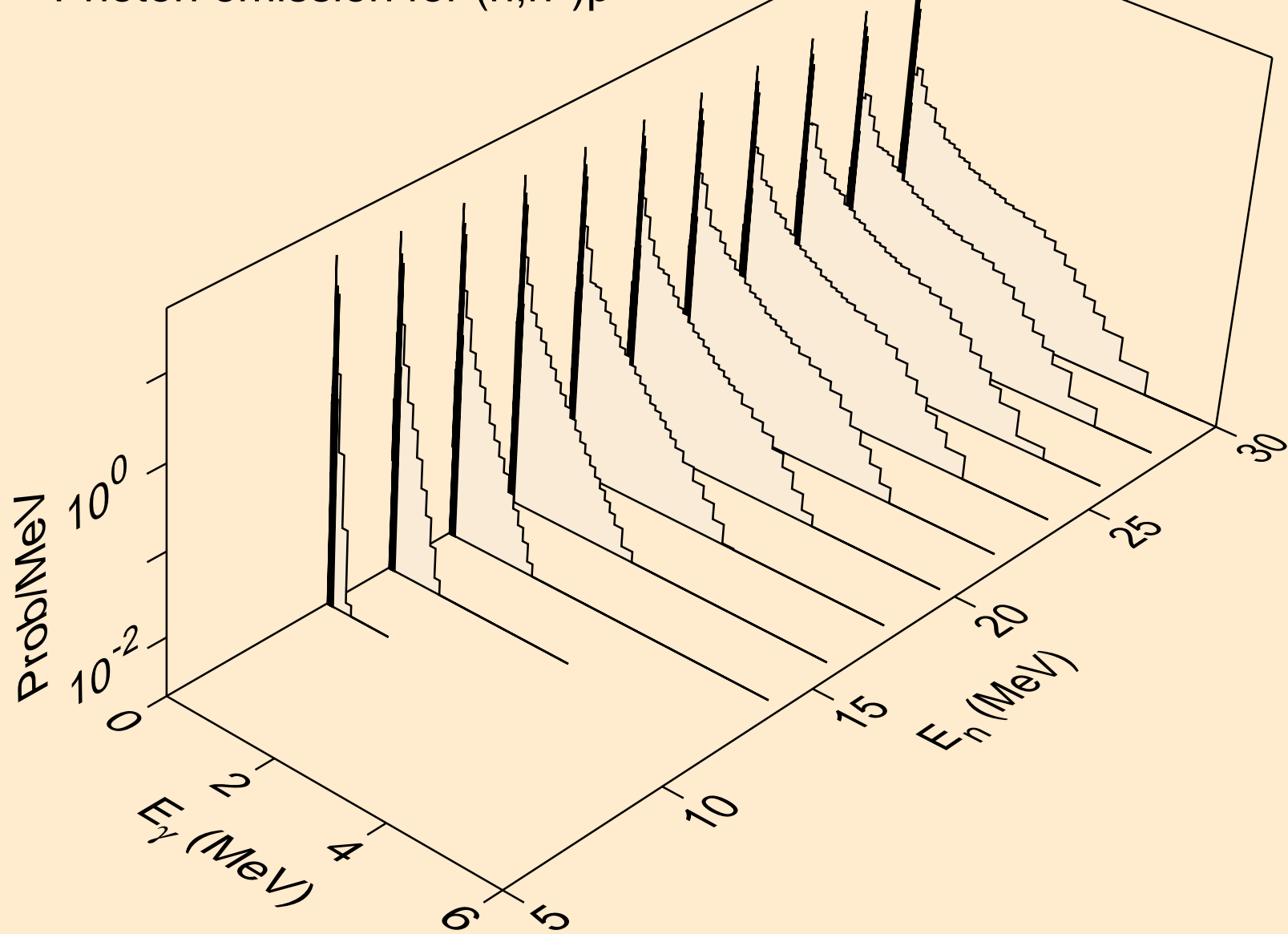
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Photon emission for (n,2n)a



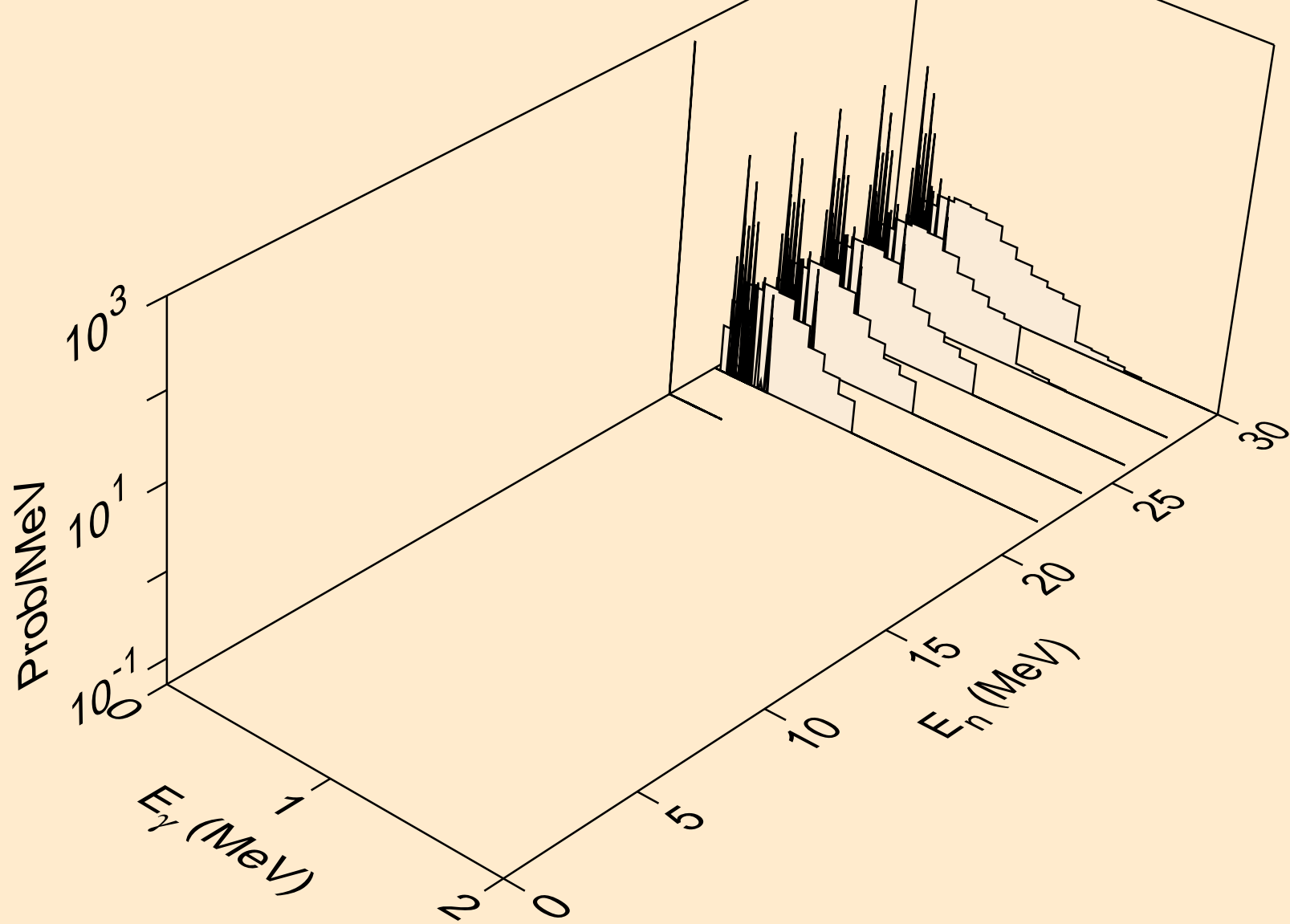
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Photon emission for (n,3n)a



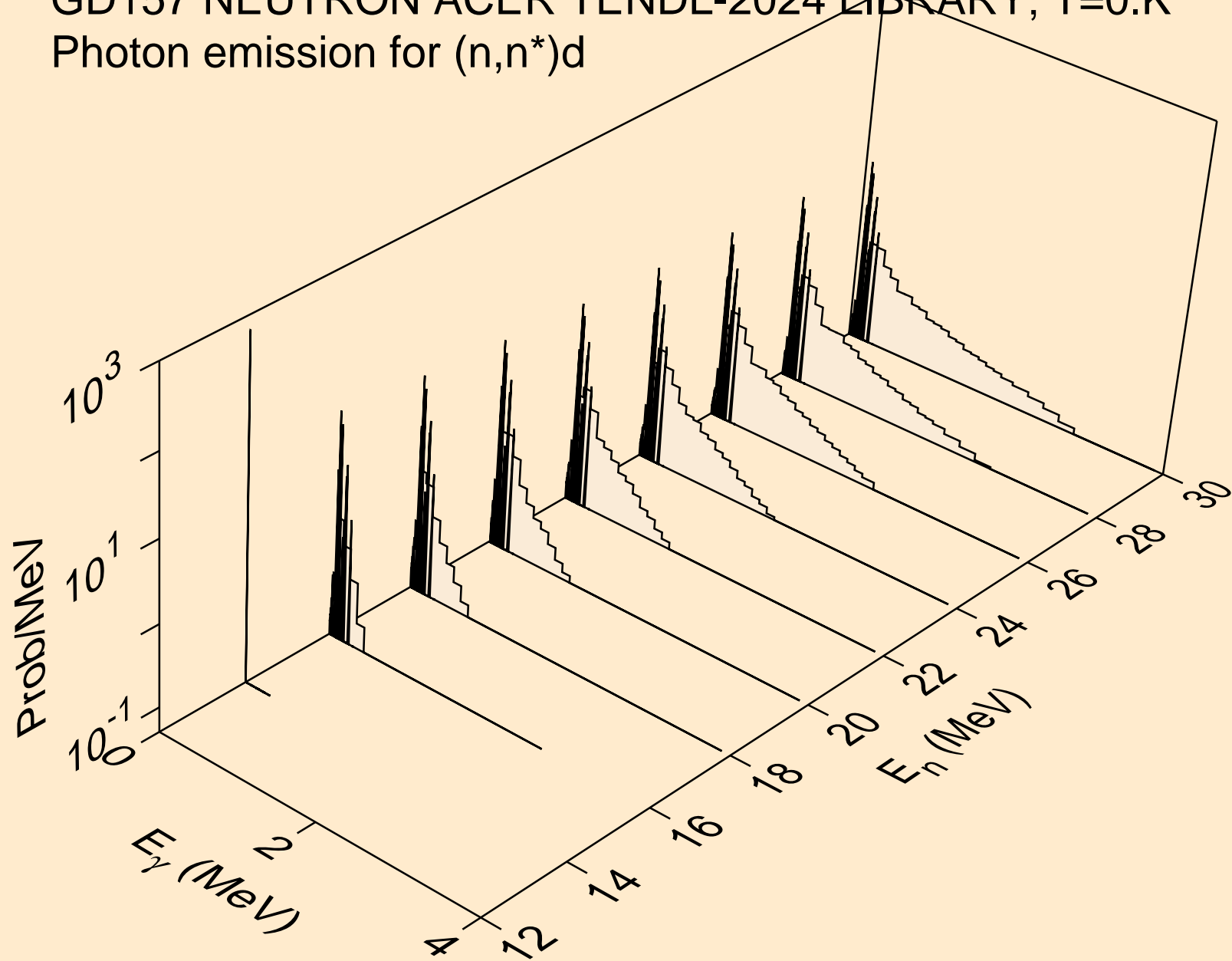
GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a

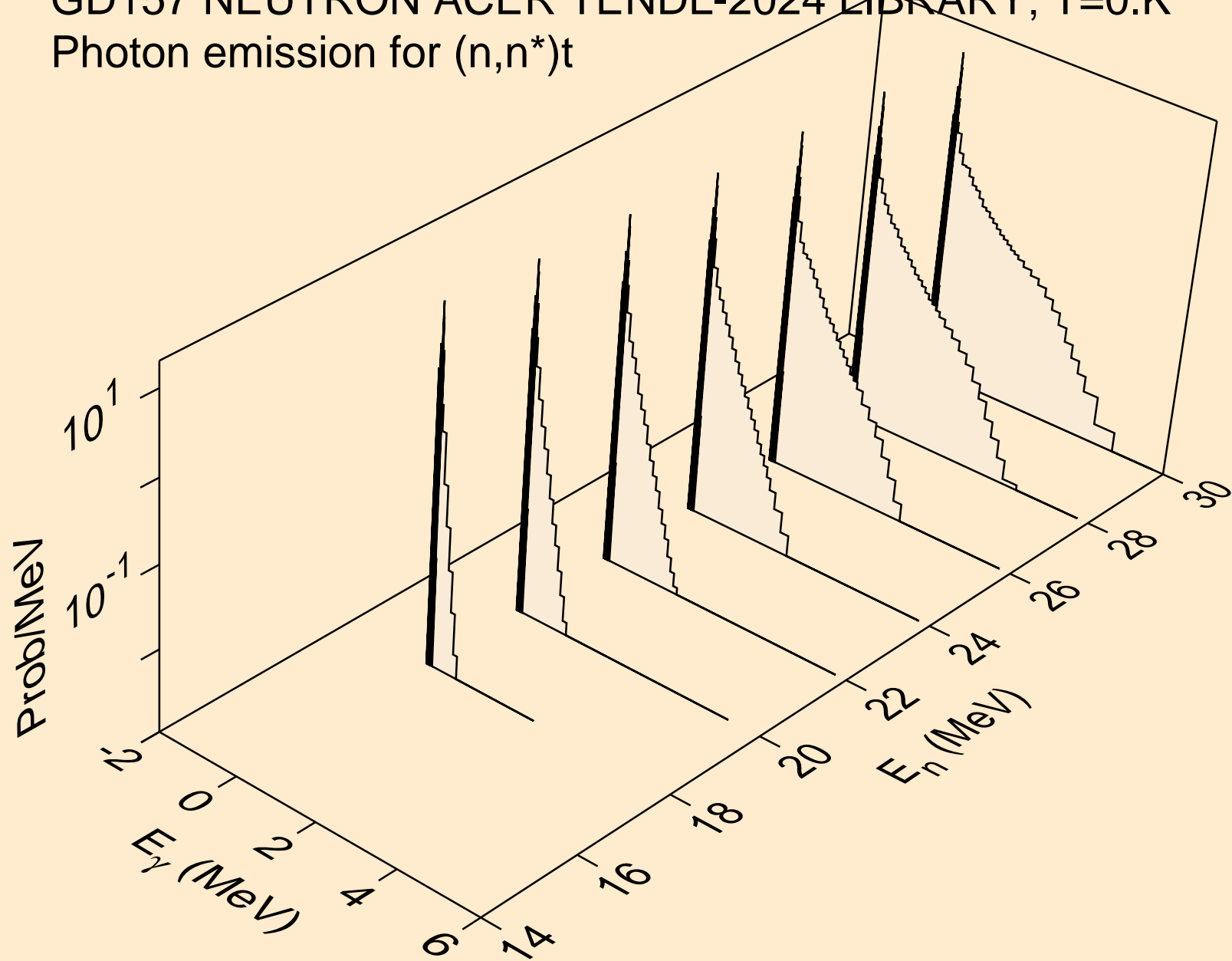


GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

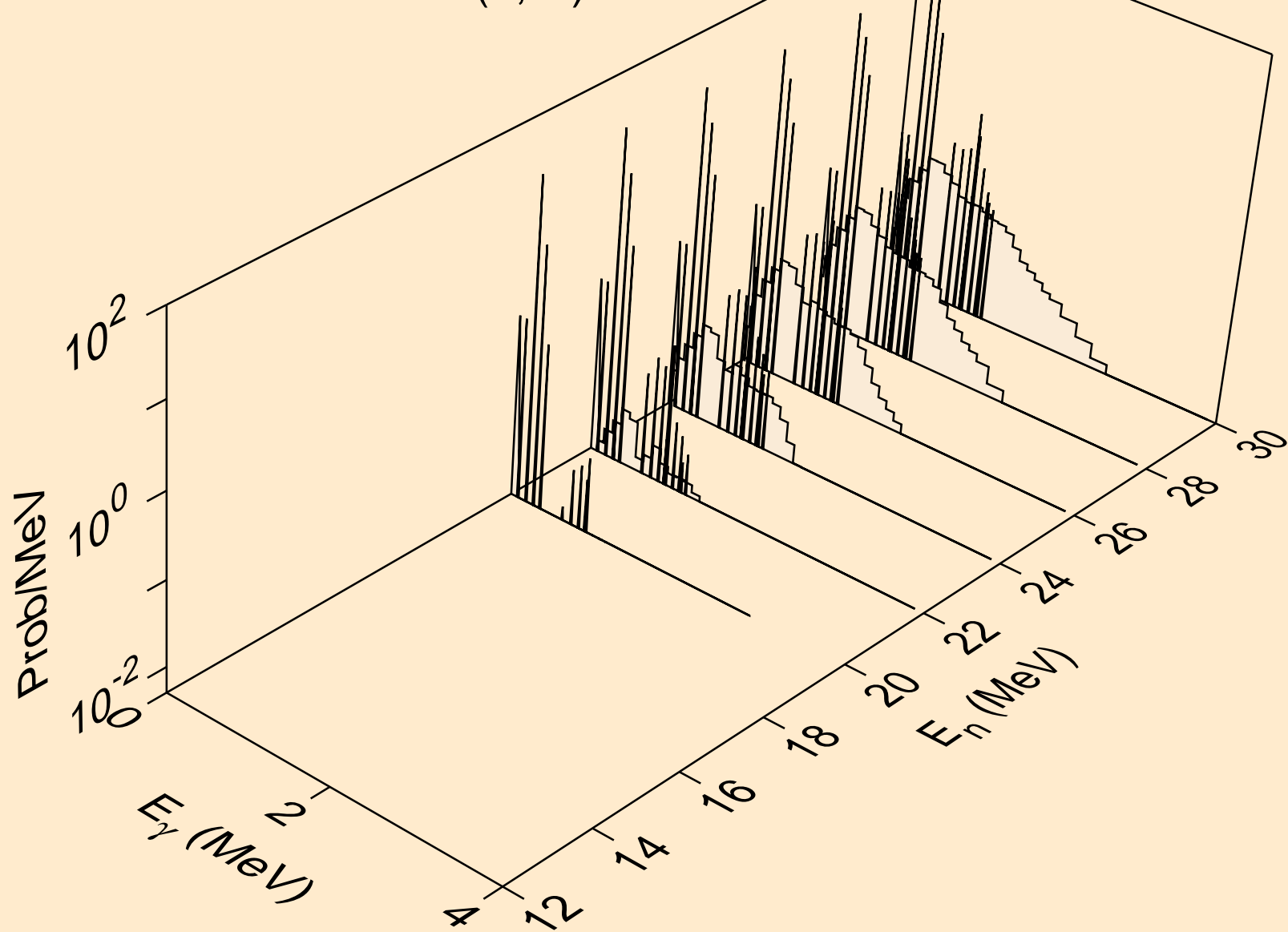




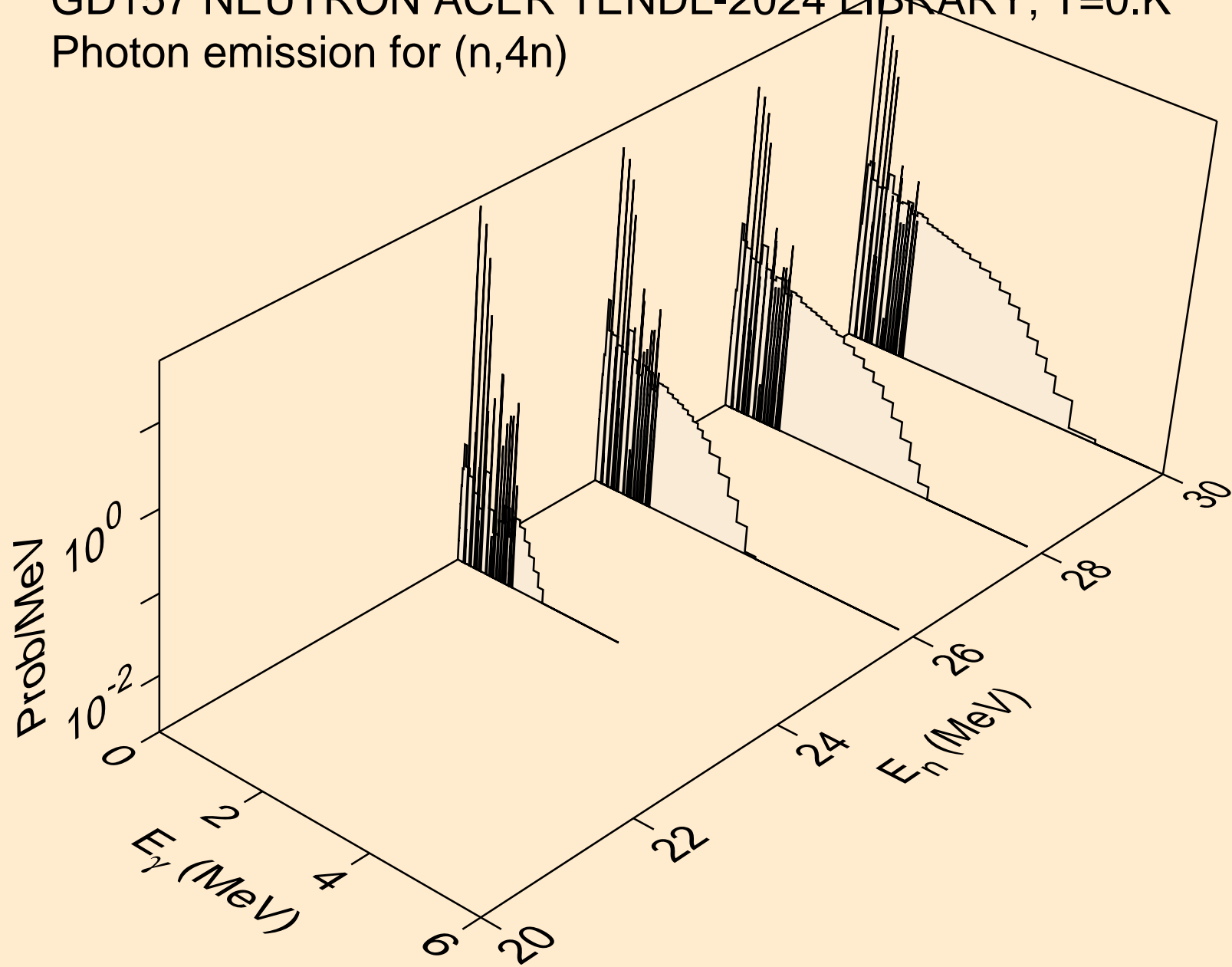
GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



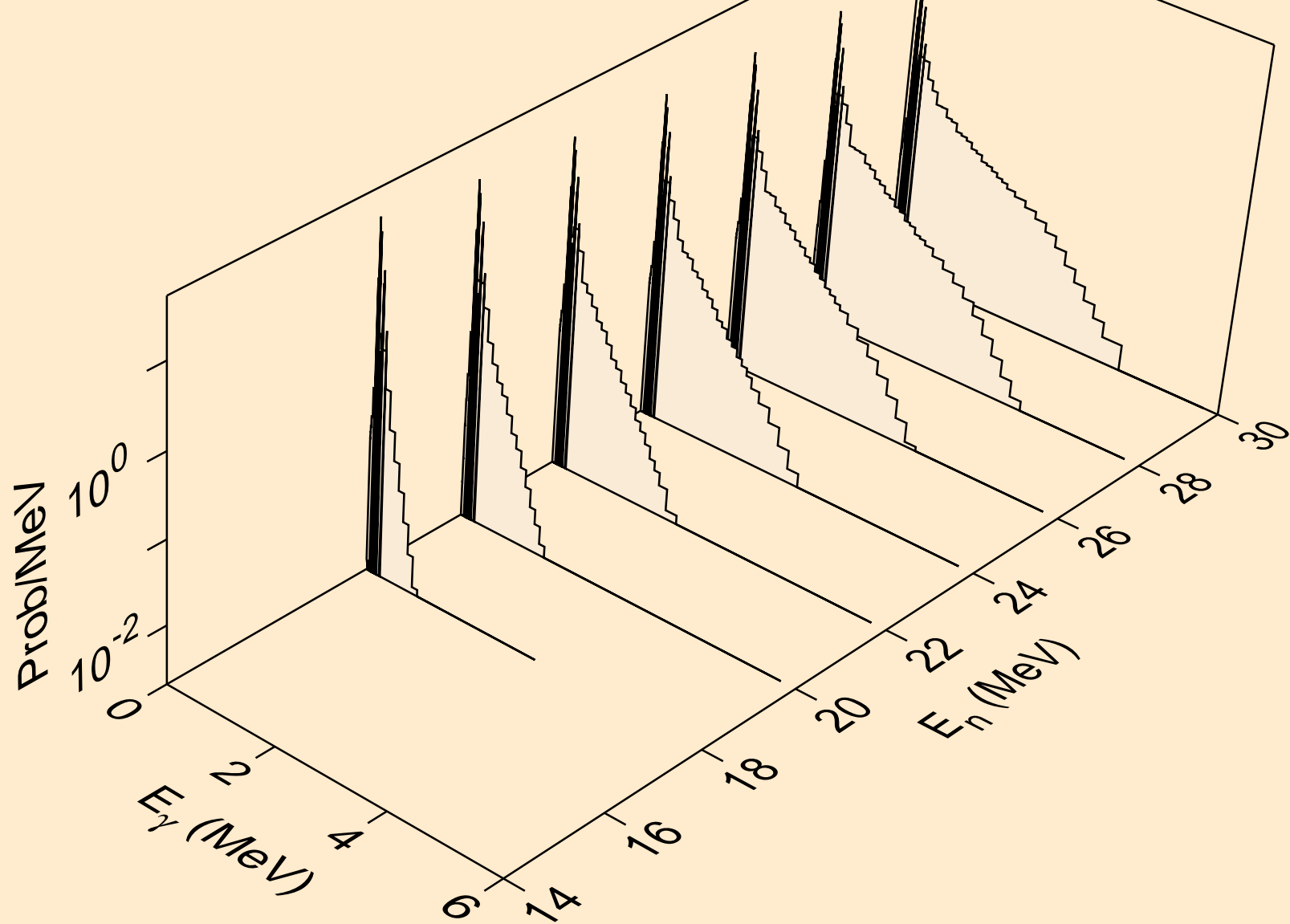
GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



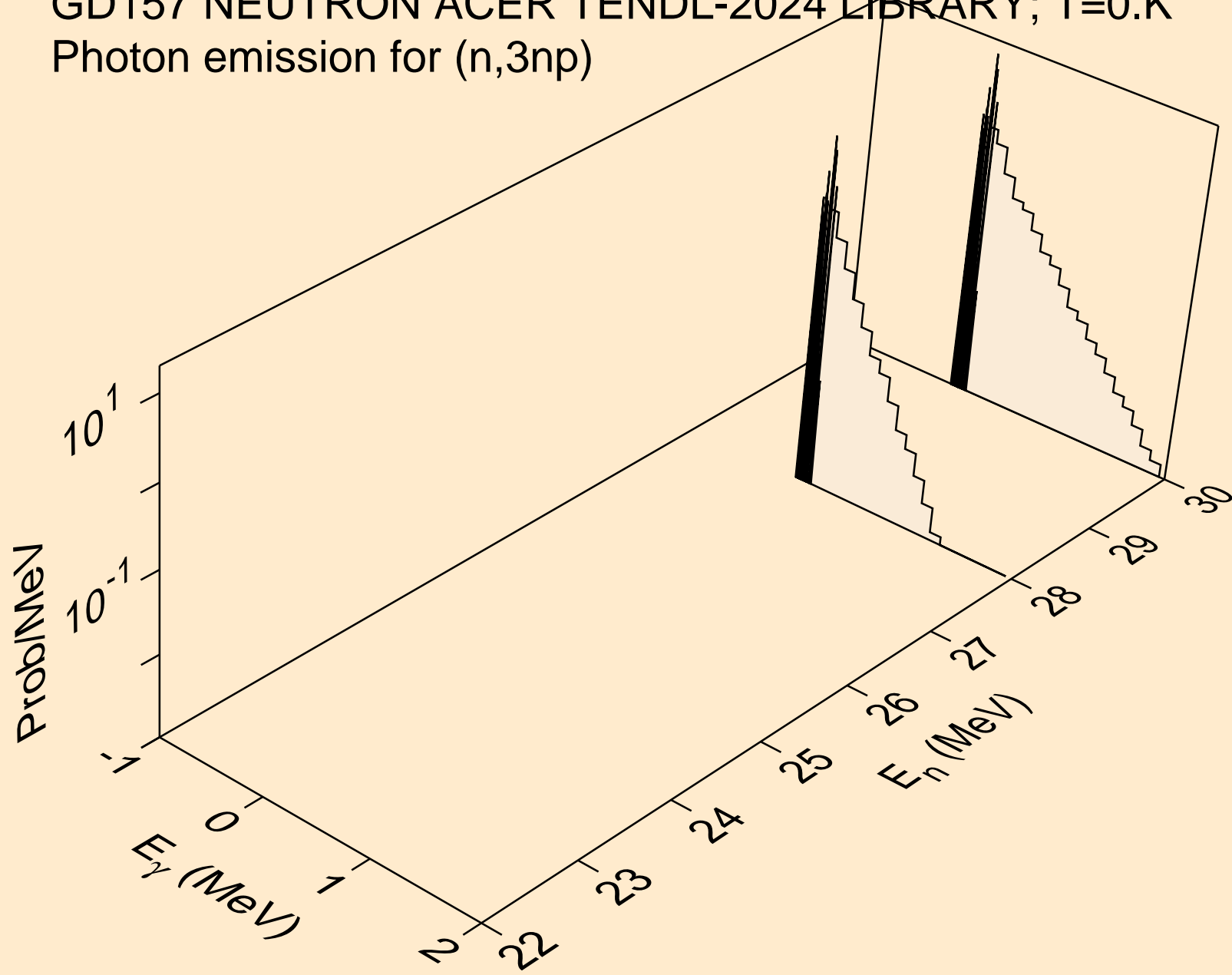
GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



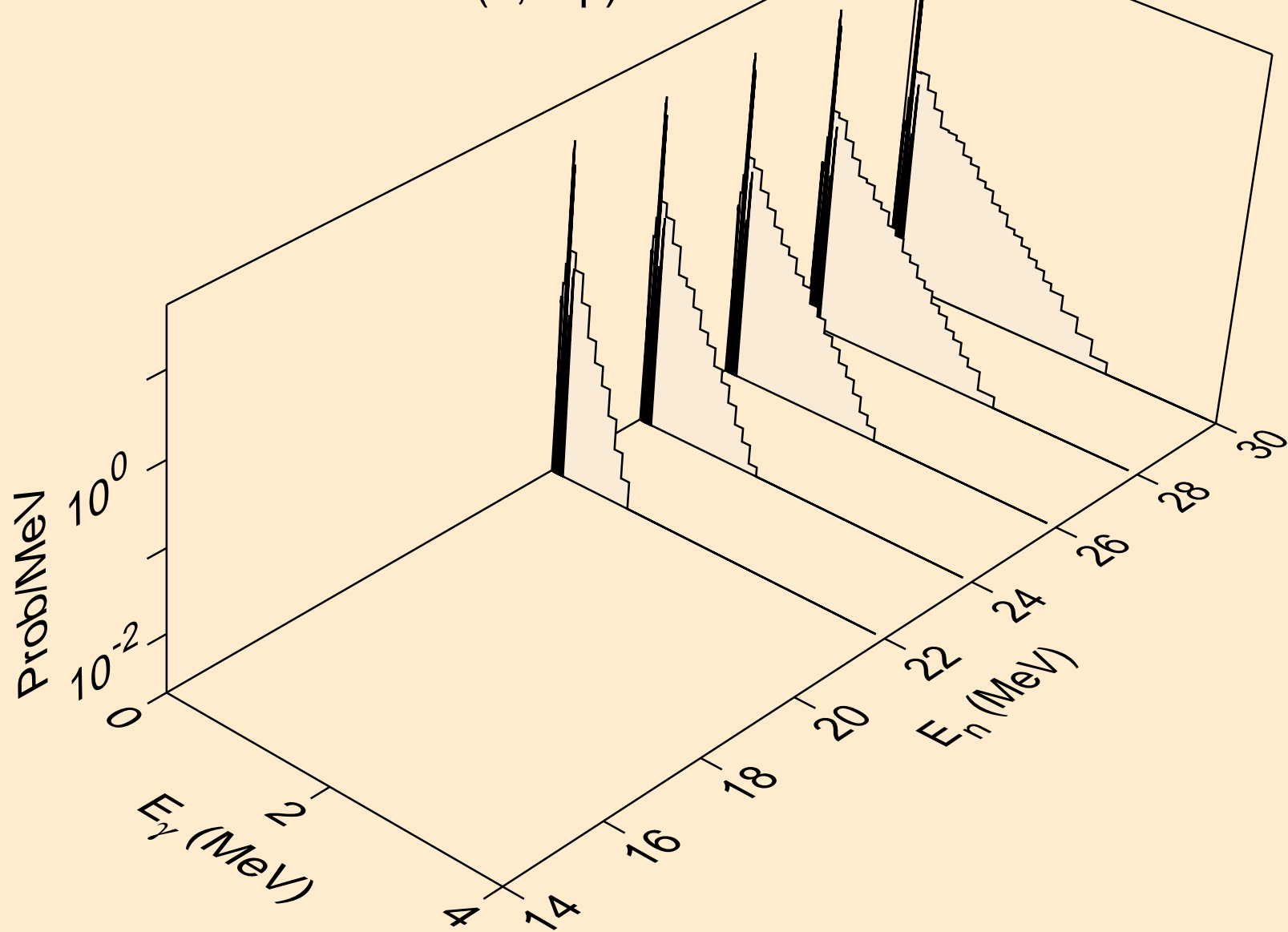
GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



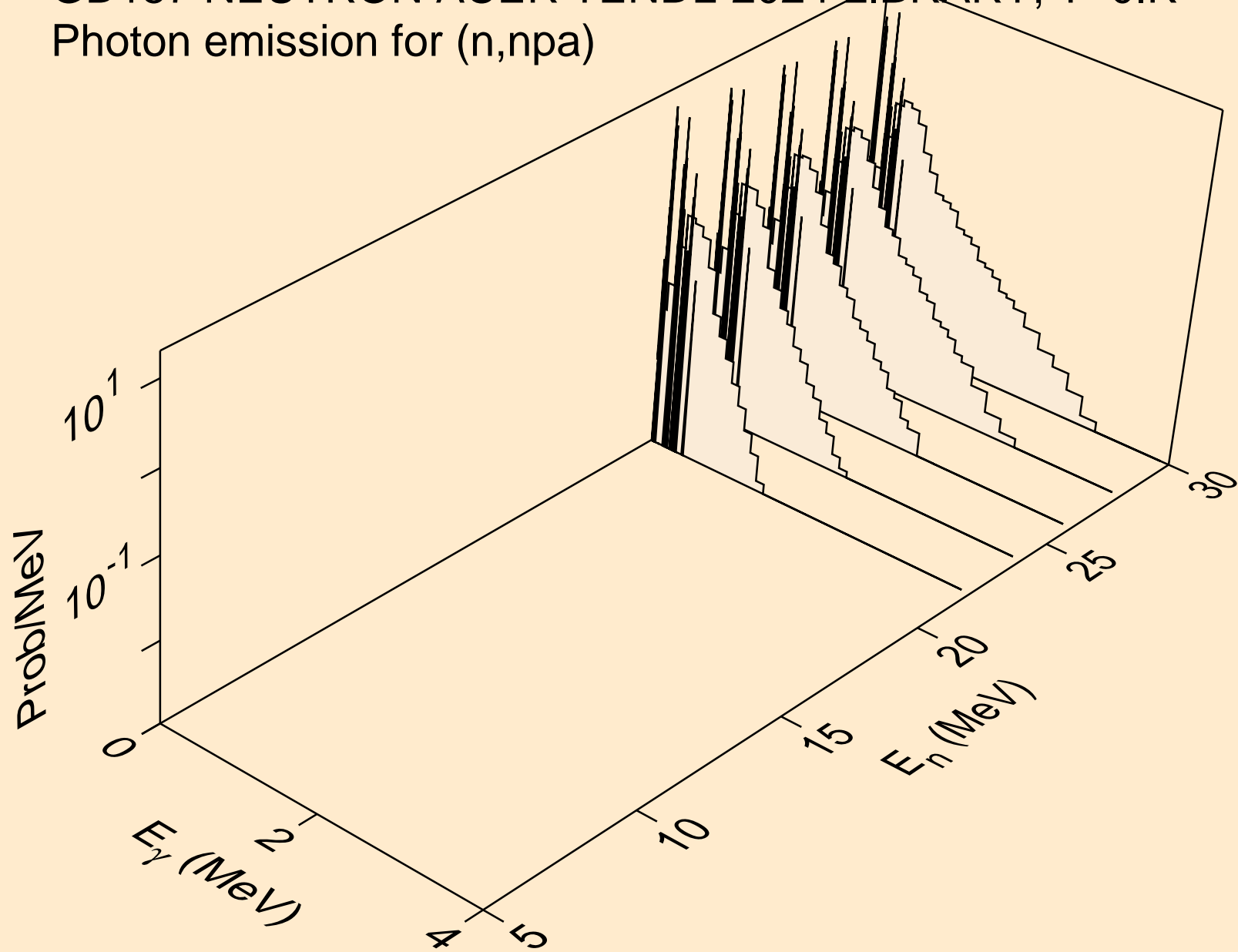
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Photon emission for (n,3np)



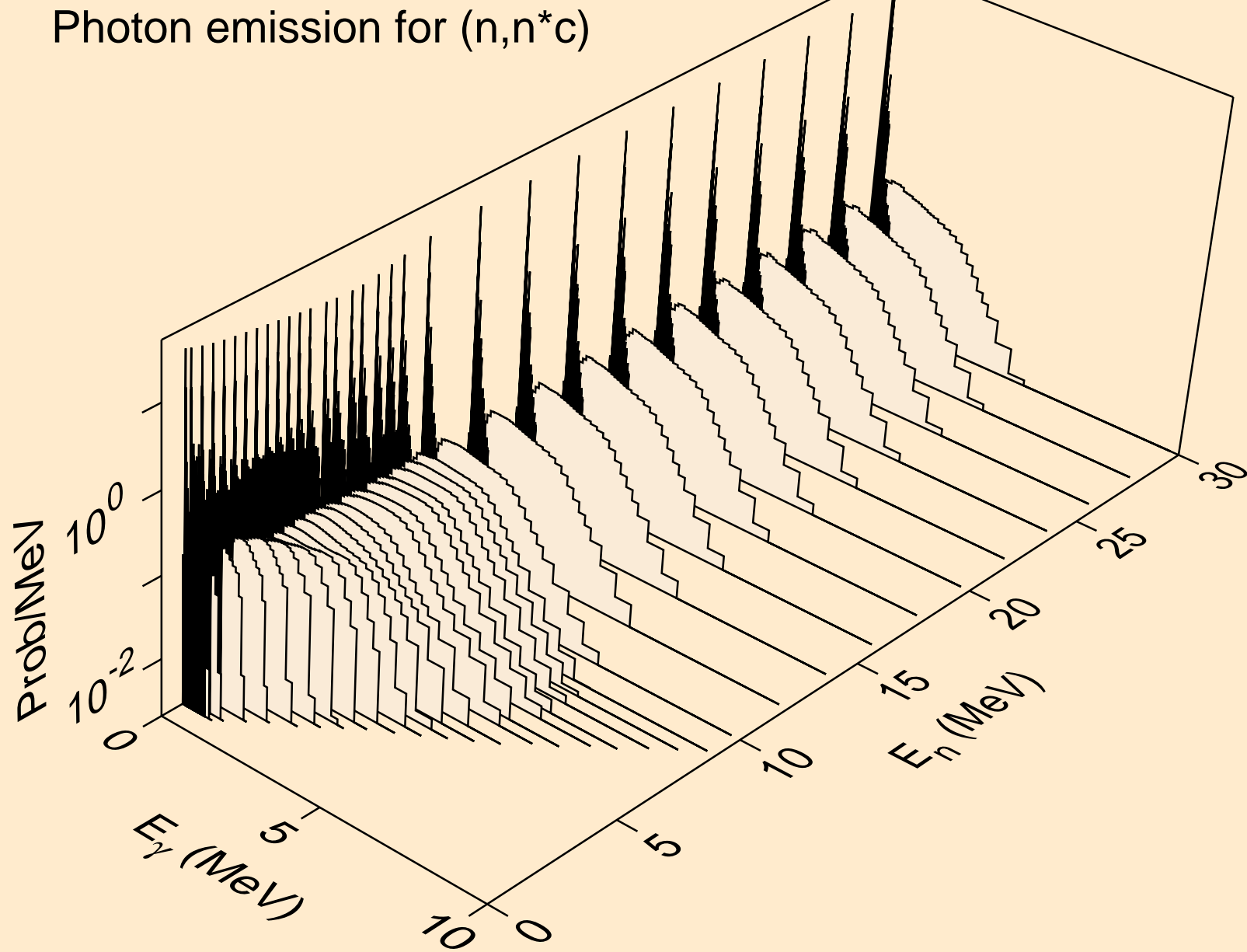
GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)

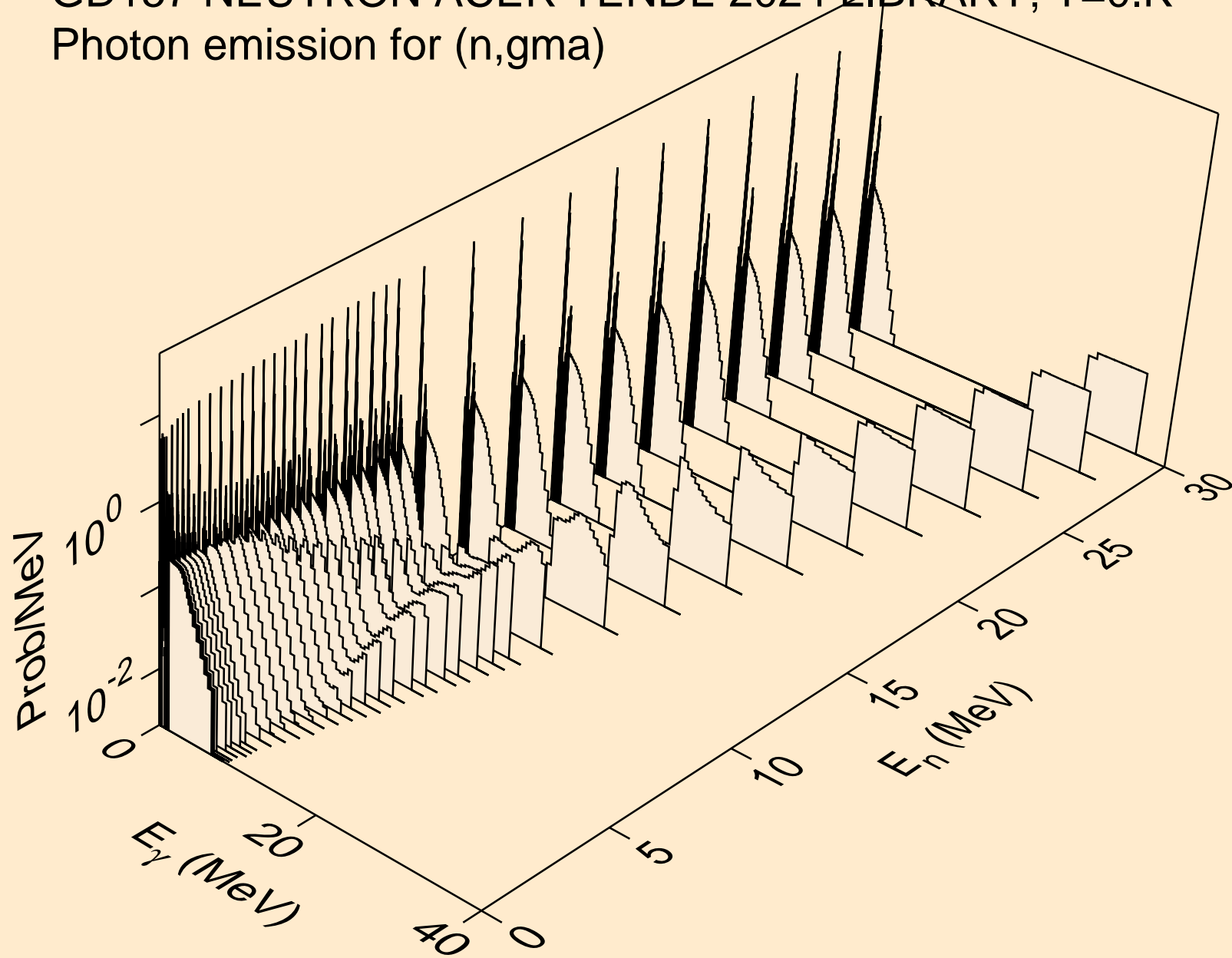


GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)

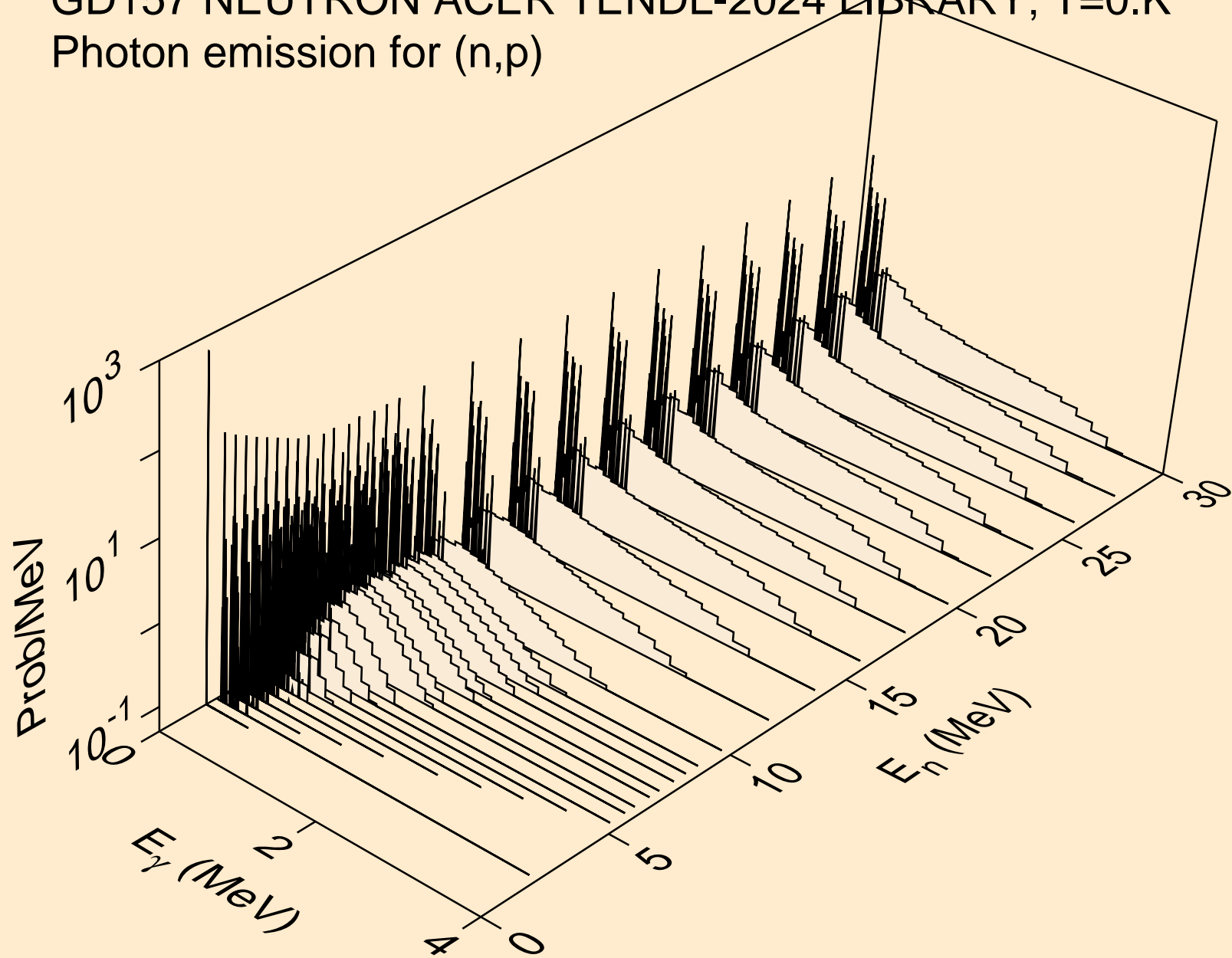




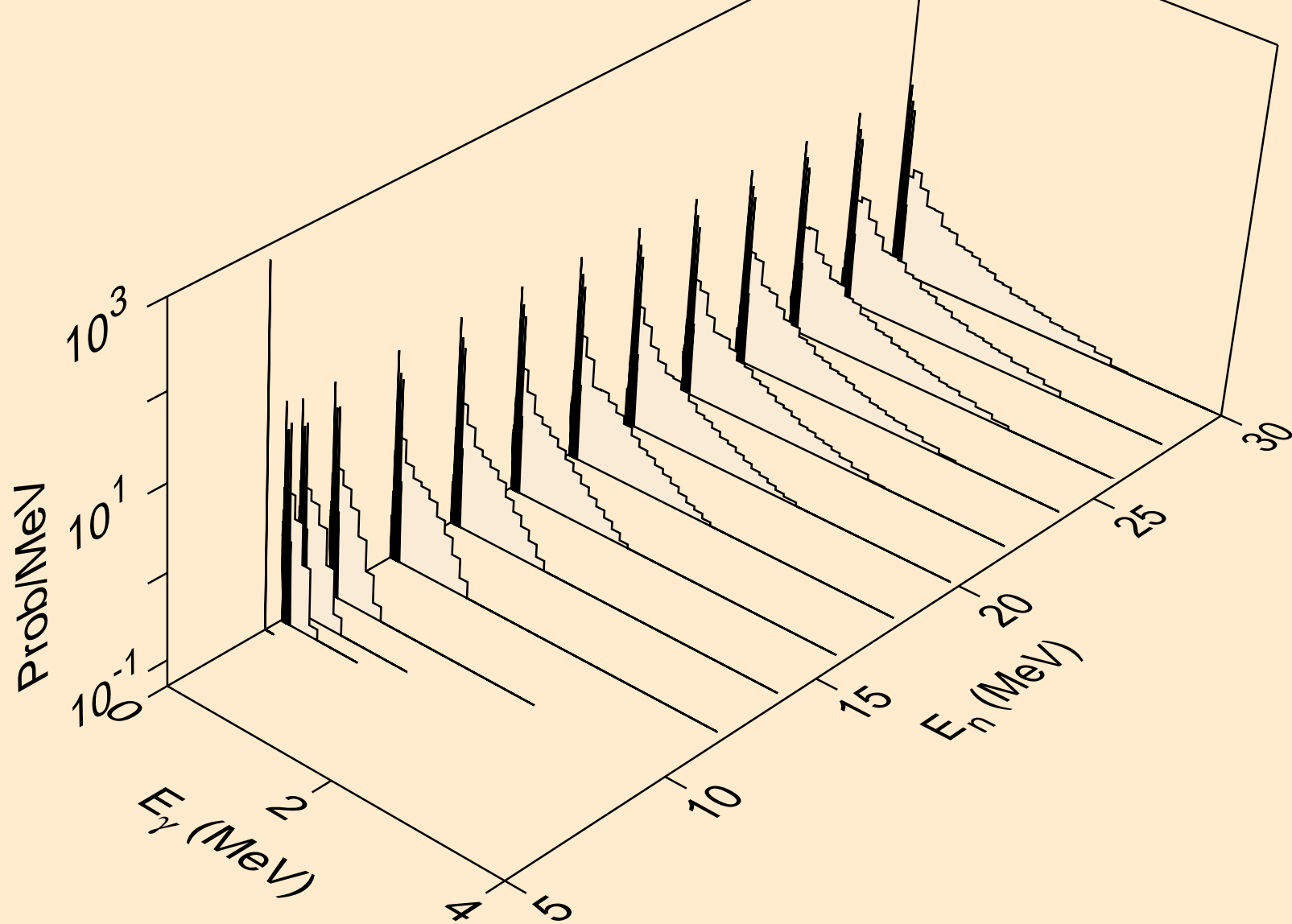
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Photon emission for (n,gma)



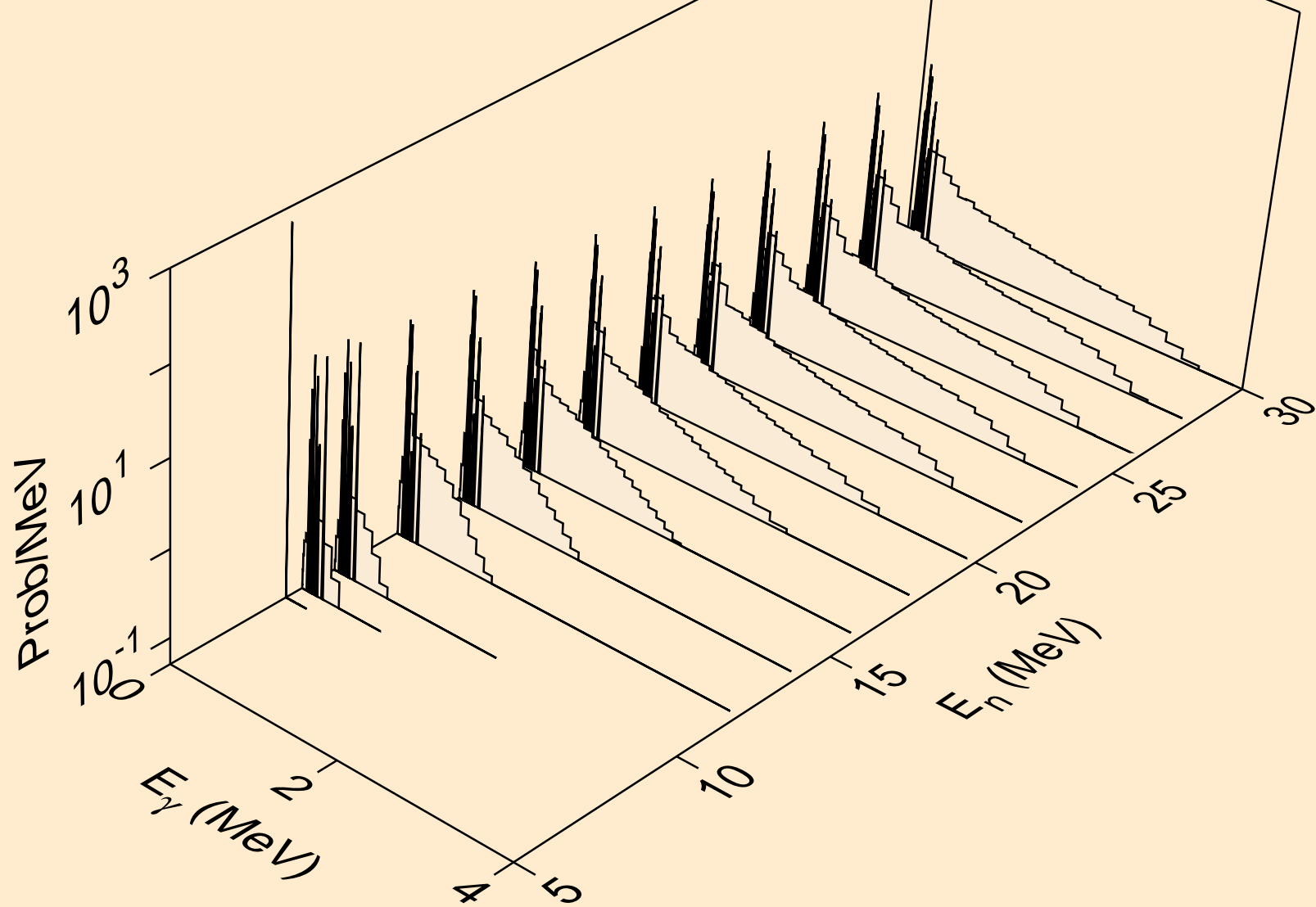
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Photon emission for (n,p)



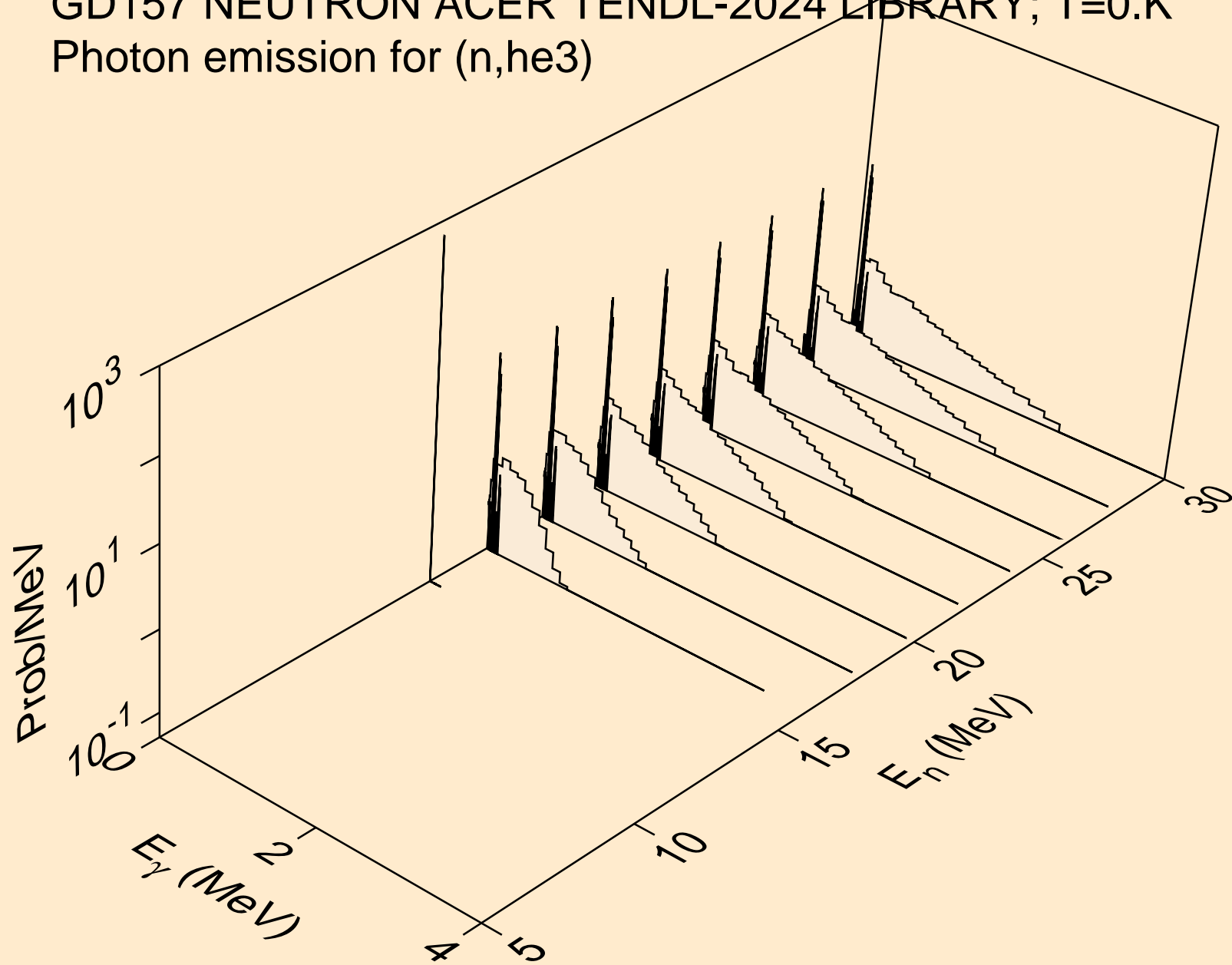
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Photon emission for (n,d)



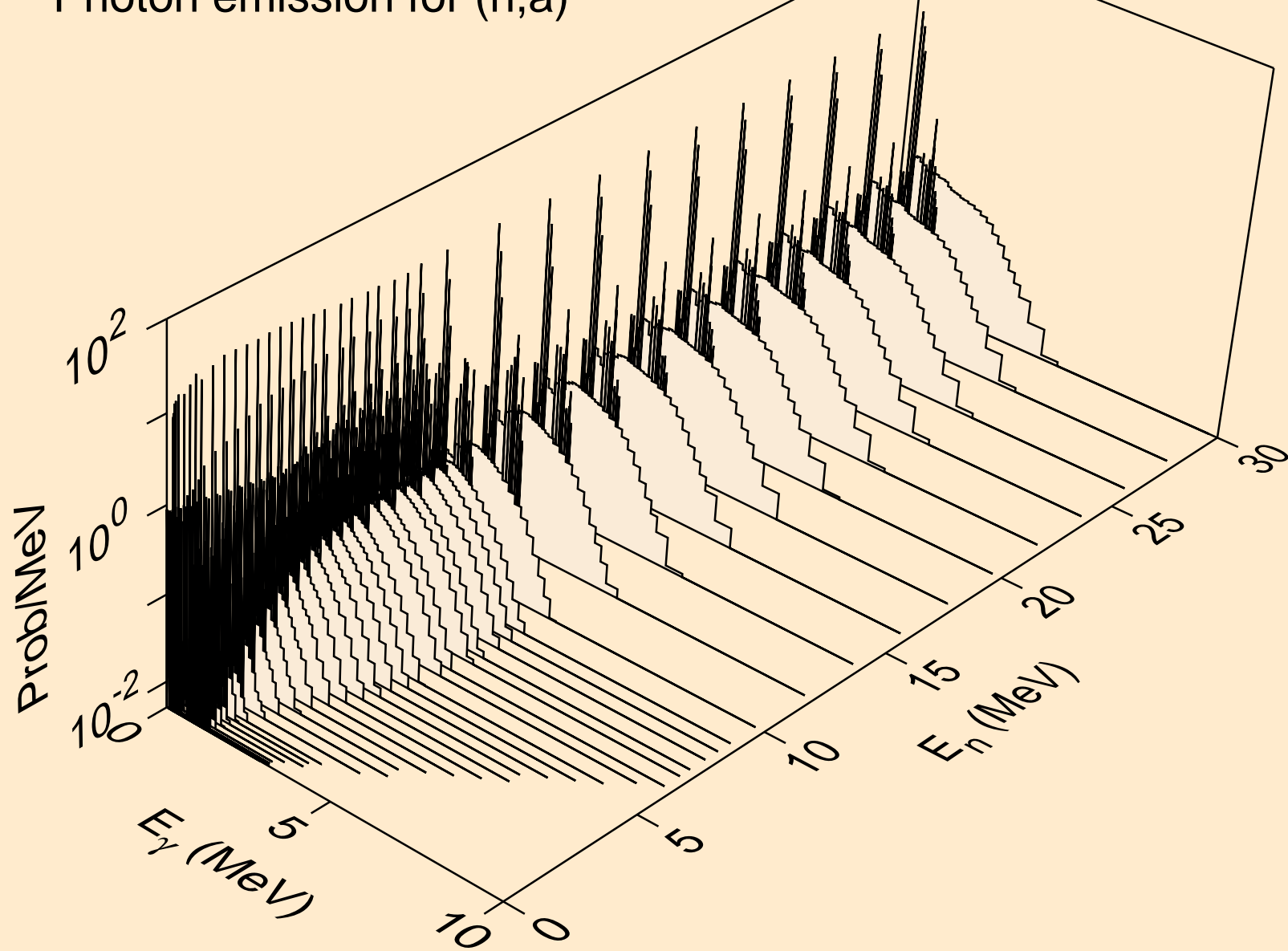
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Photon emission for (n,t)



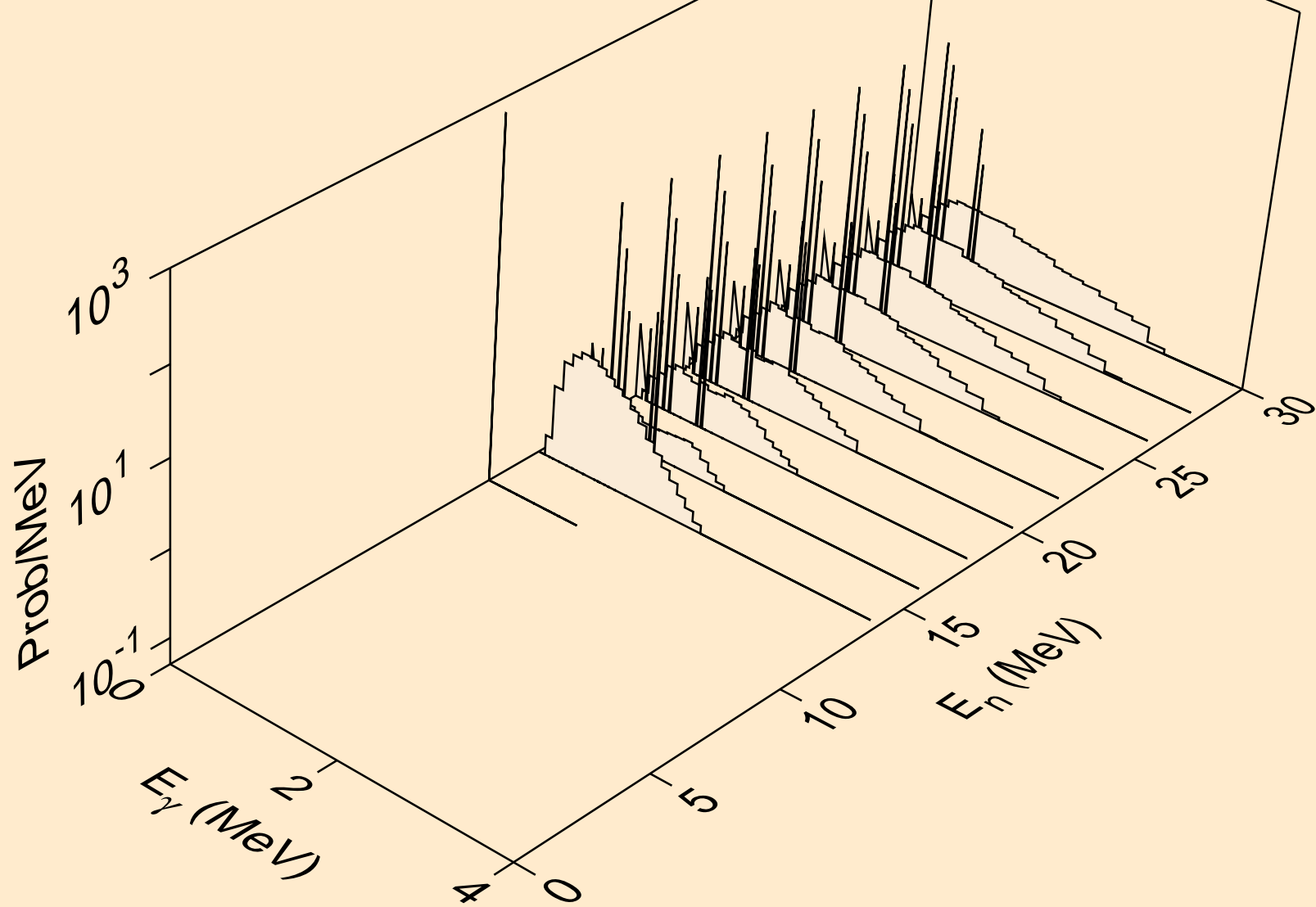
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Photon emission for (n,he3)



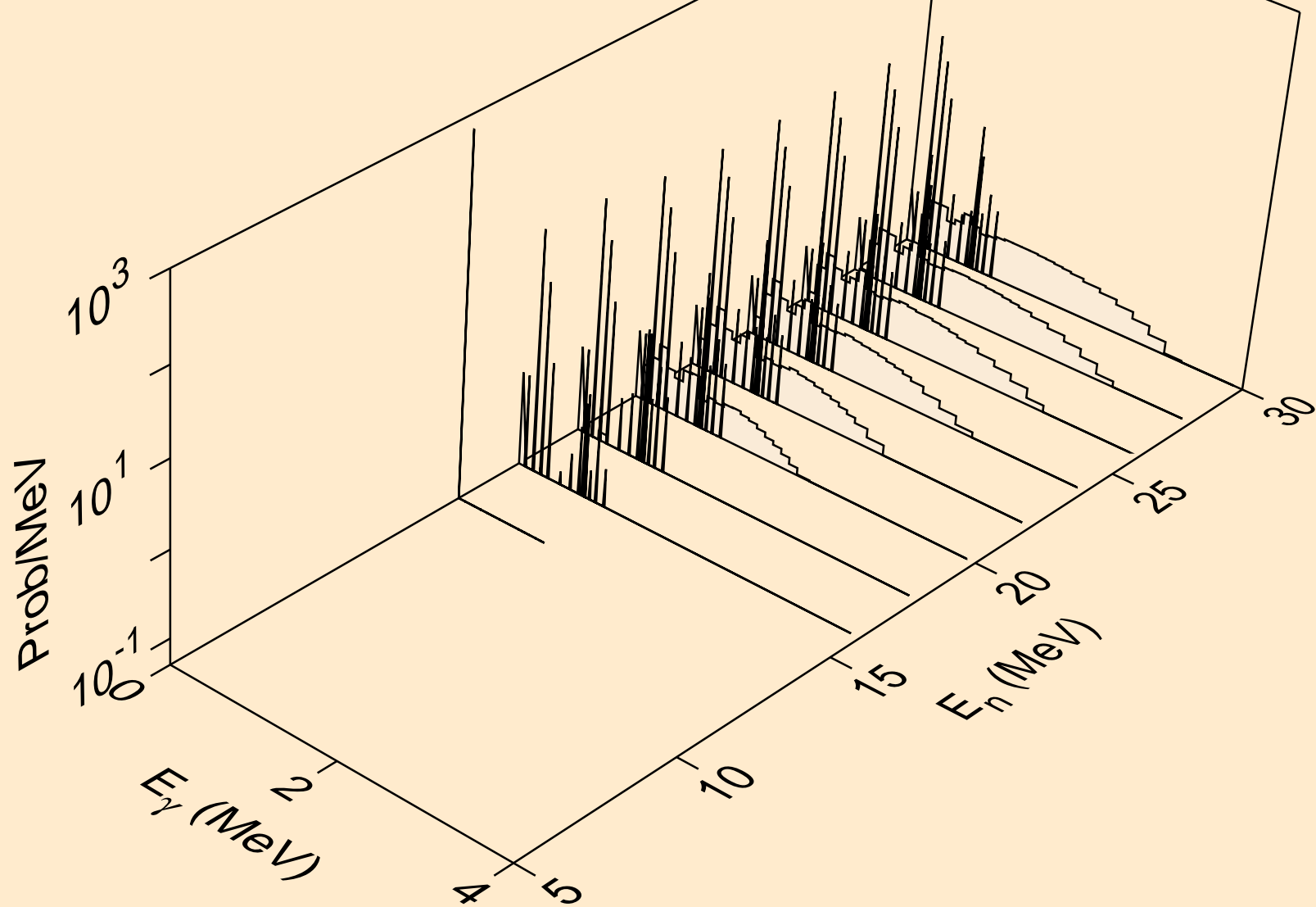
GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)

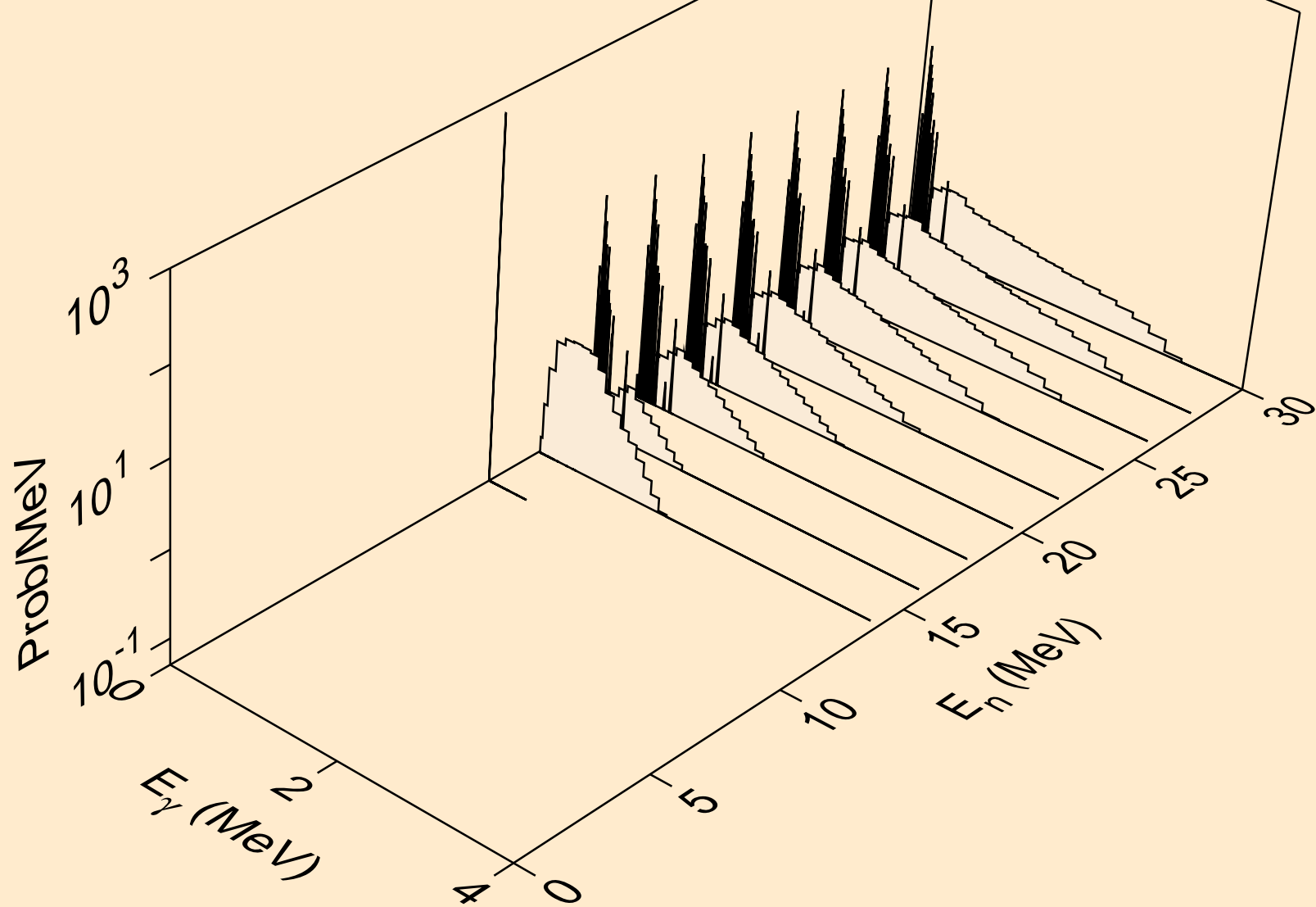


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Photon emission for (n,2p)

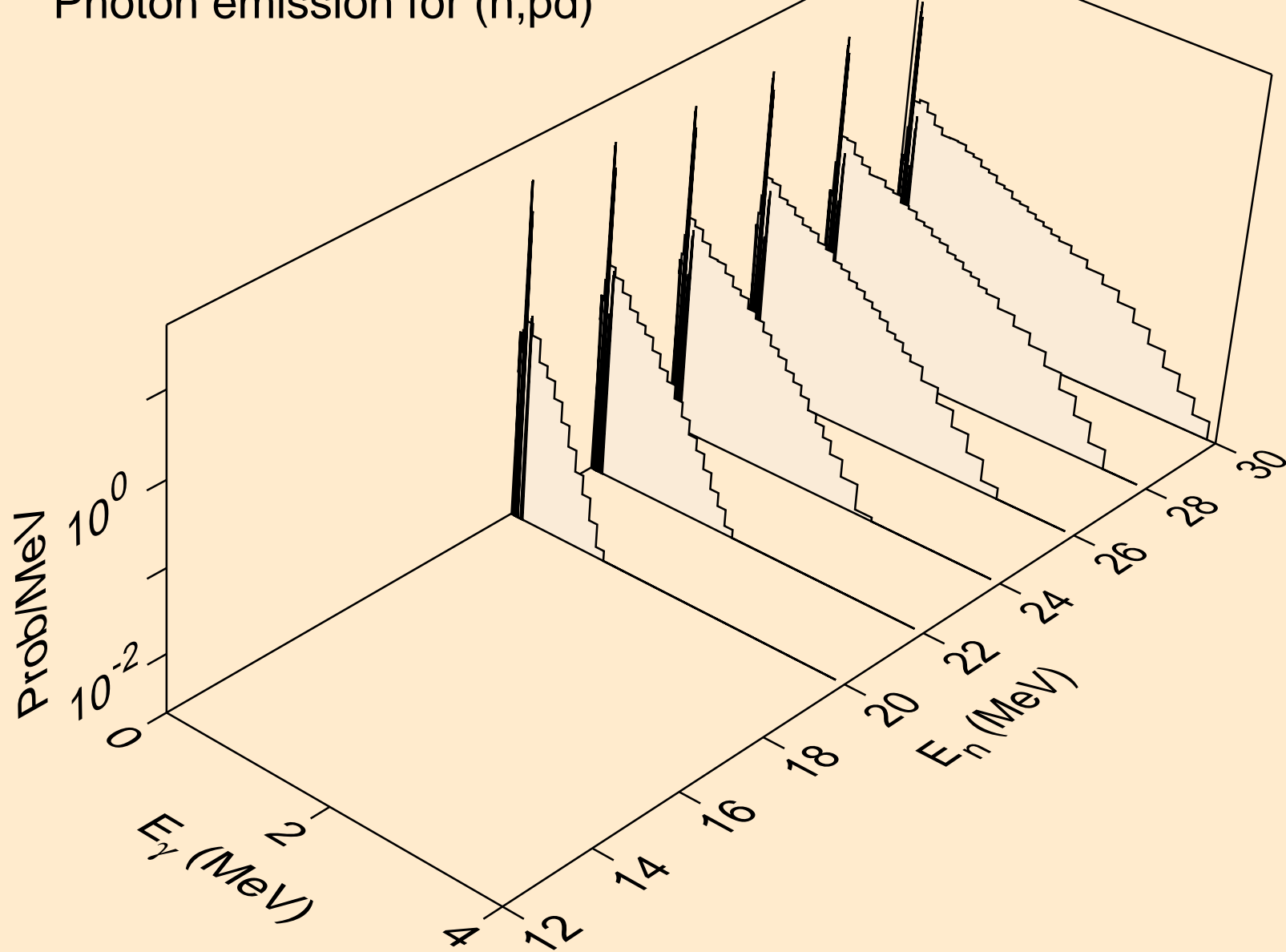




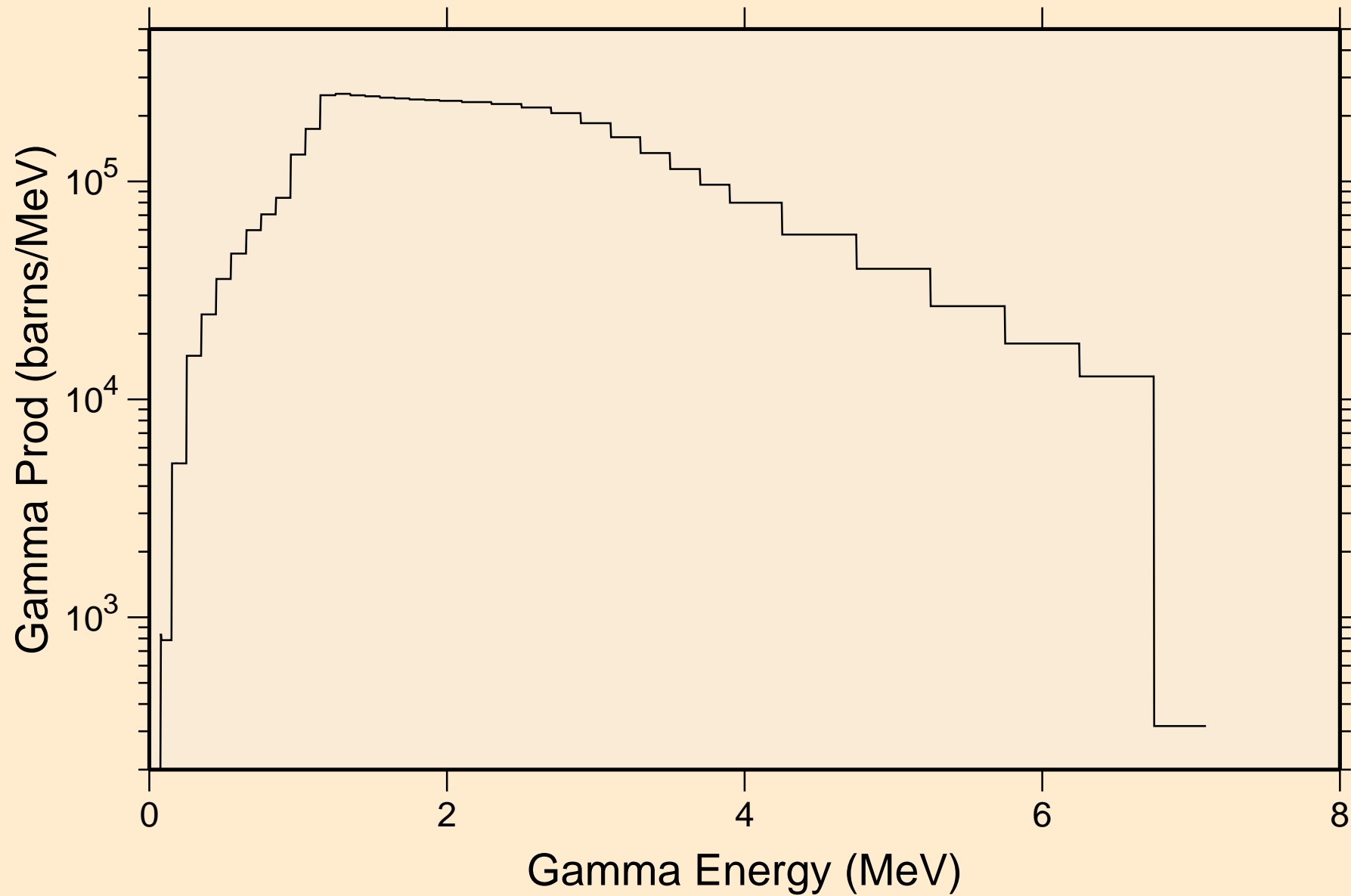
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Photon emission for (n,p)



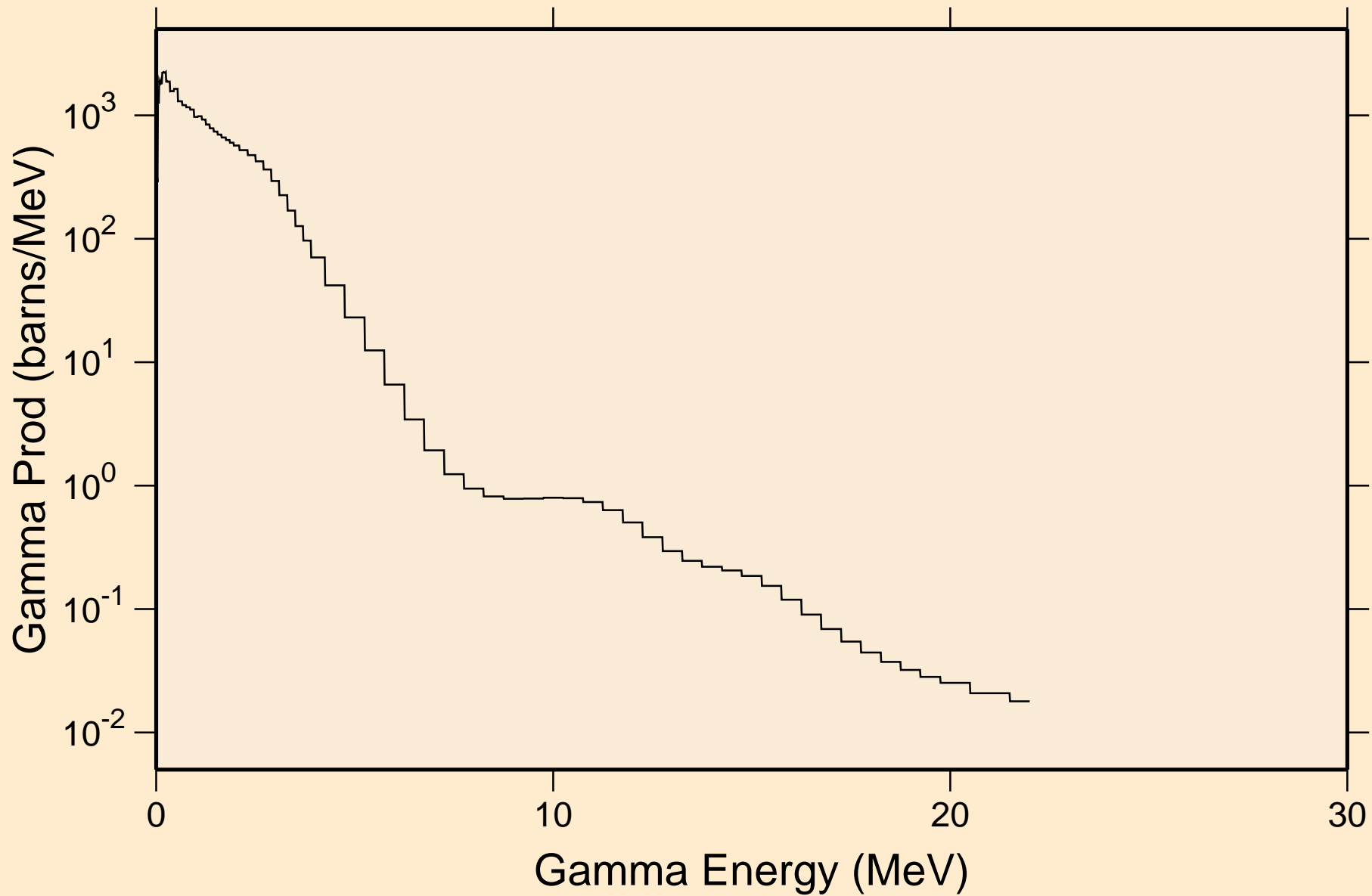
GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

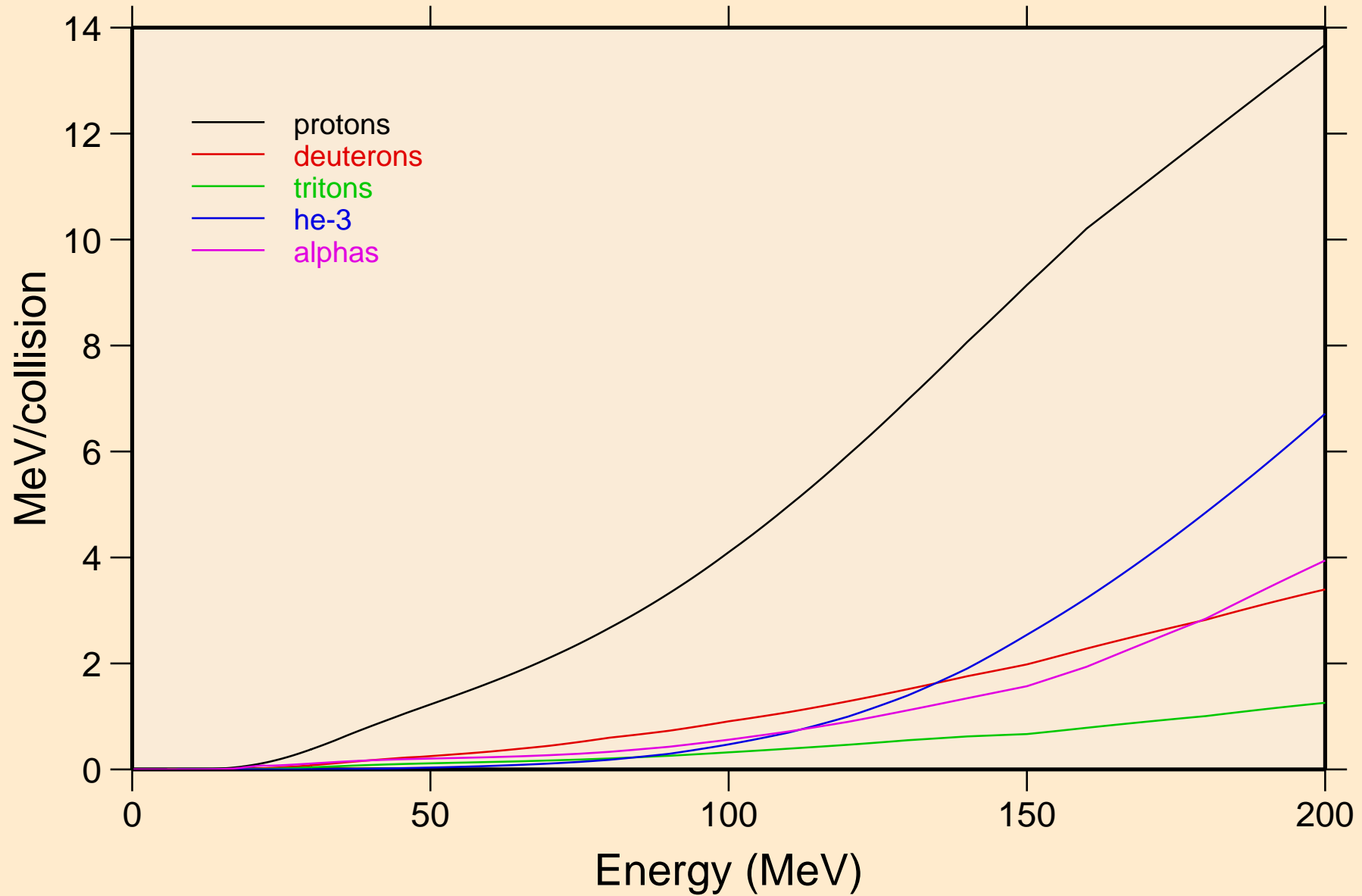


GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum



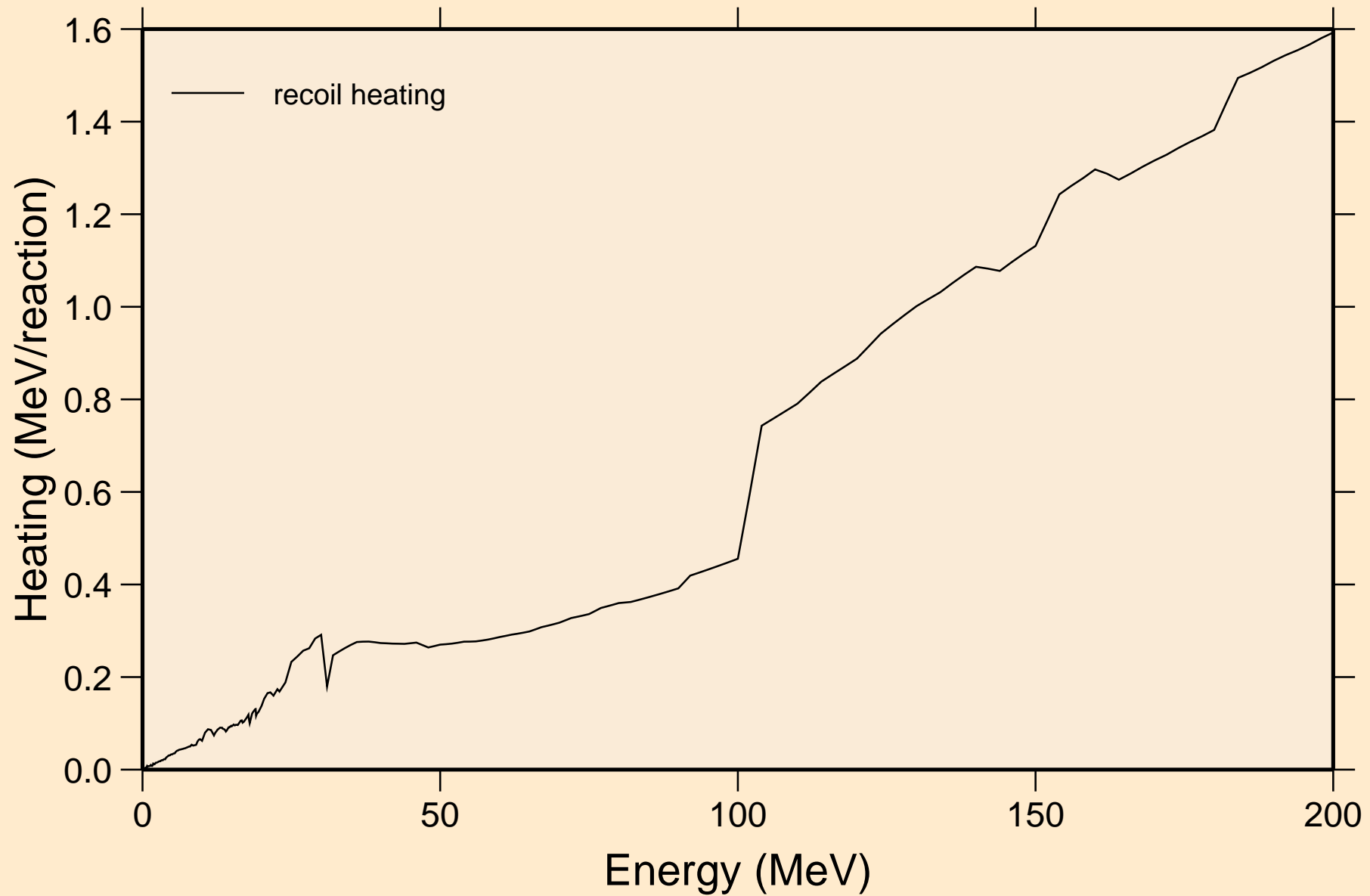
# GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions



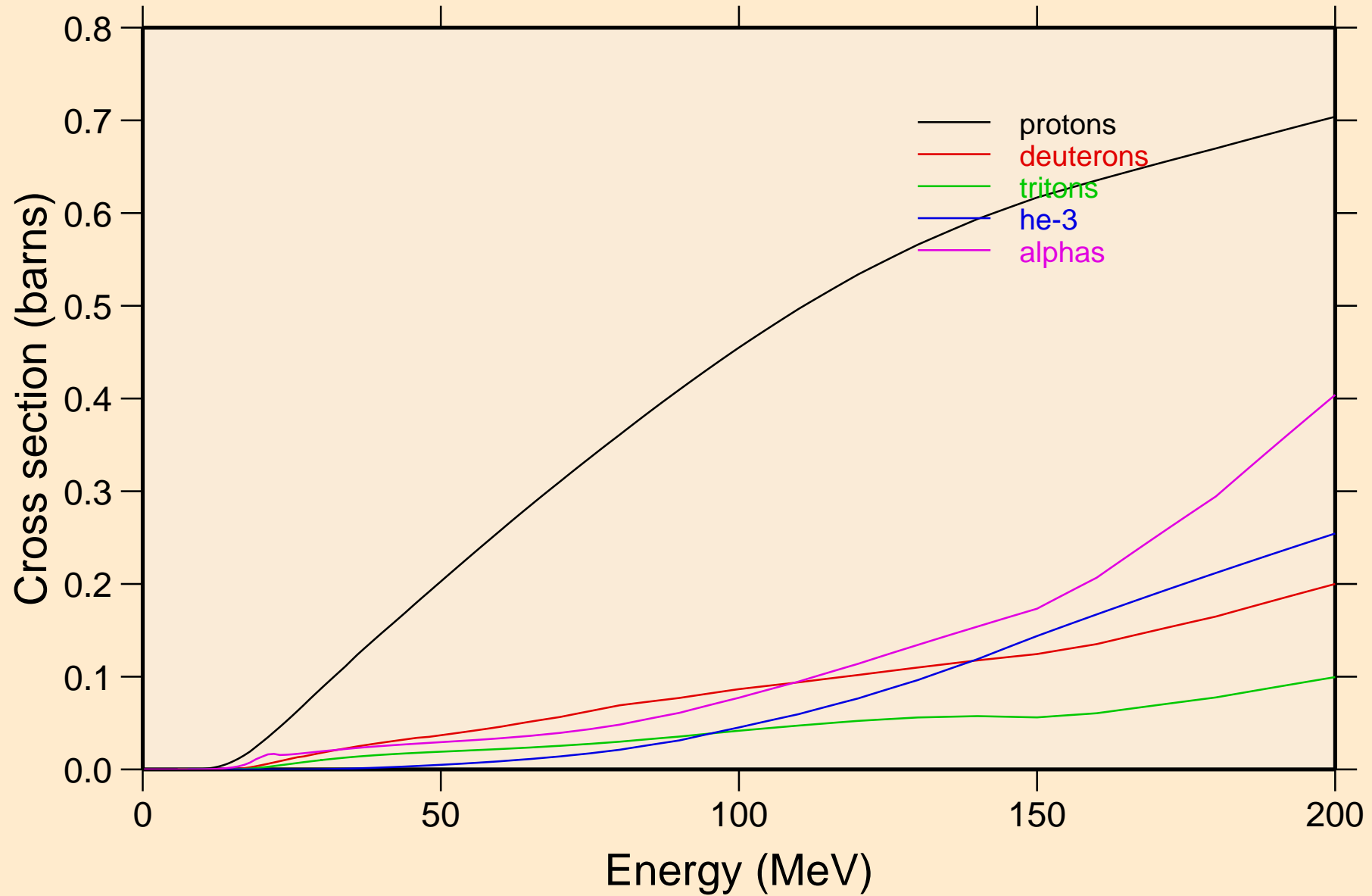
# GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Recoil Heating

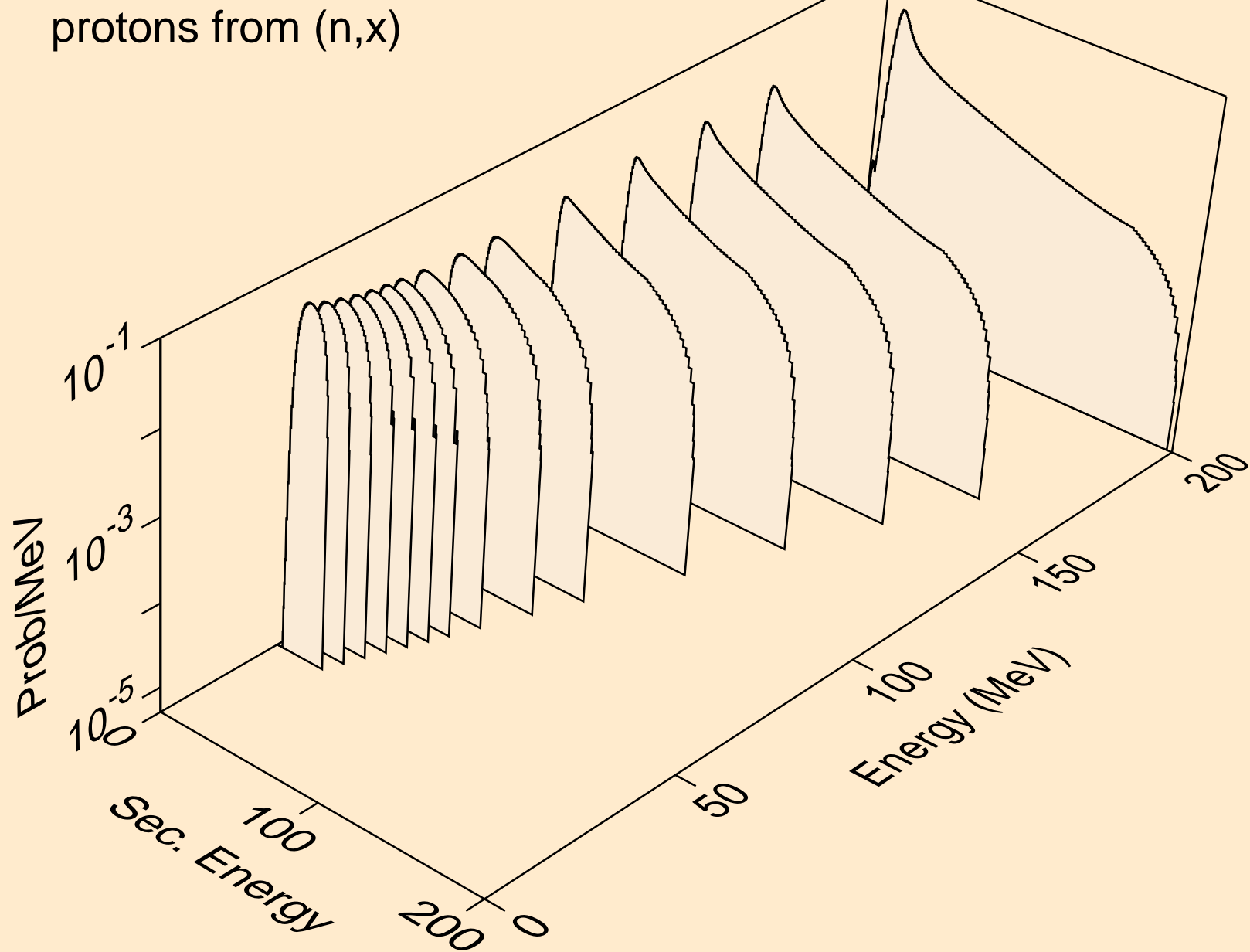


# GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle production cross sections

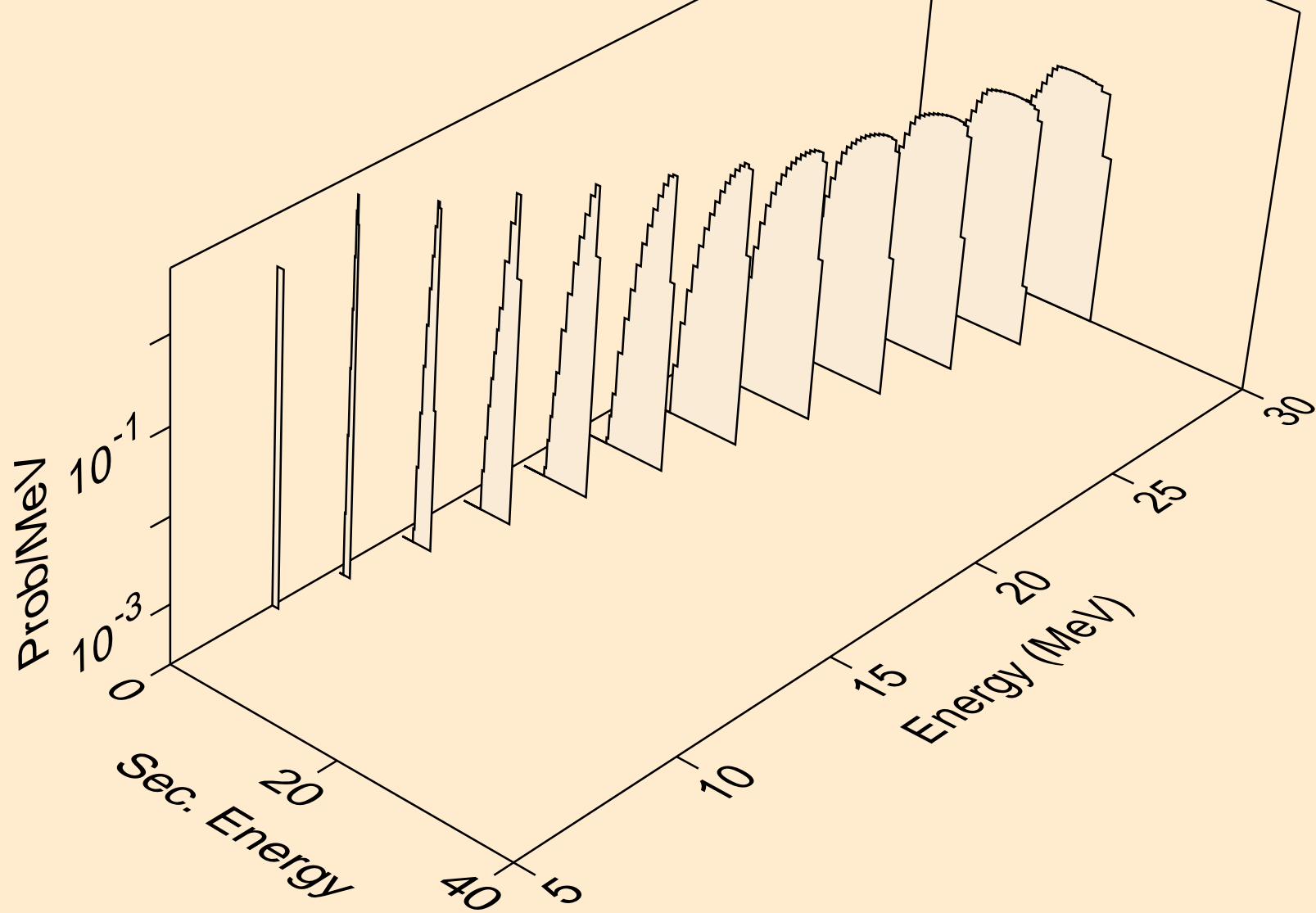


GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)

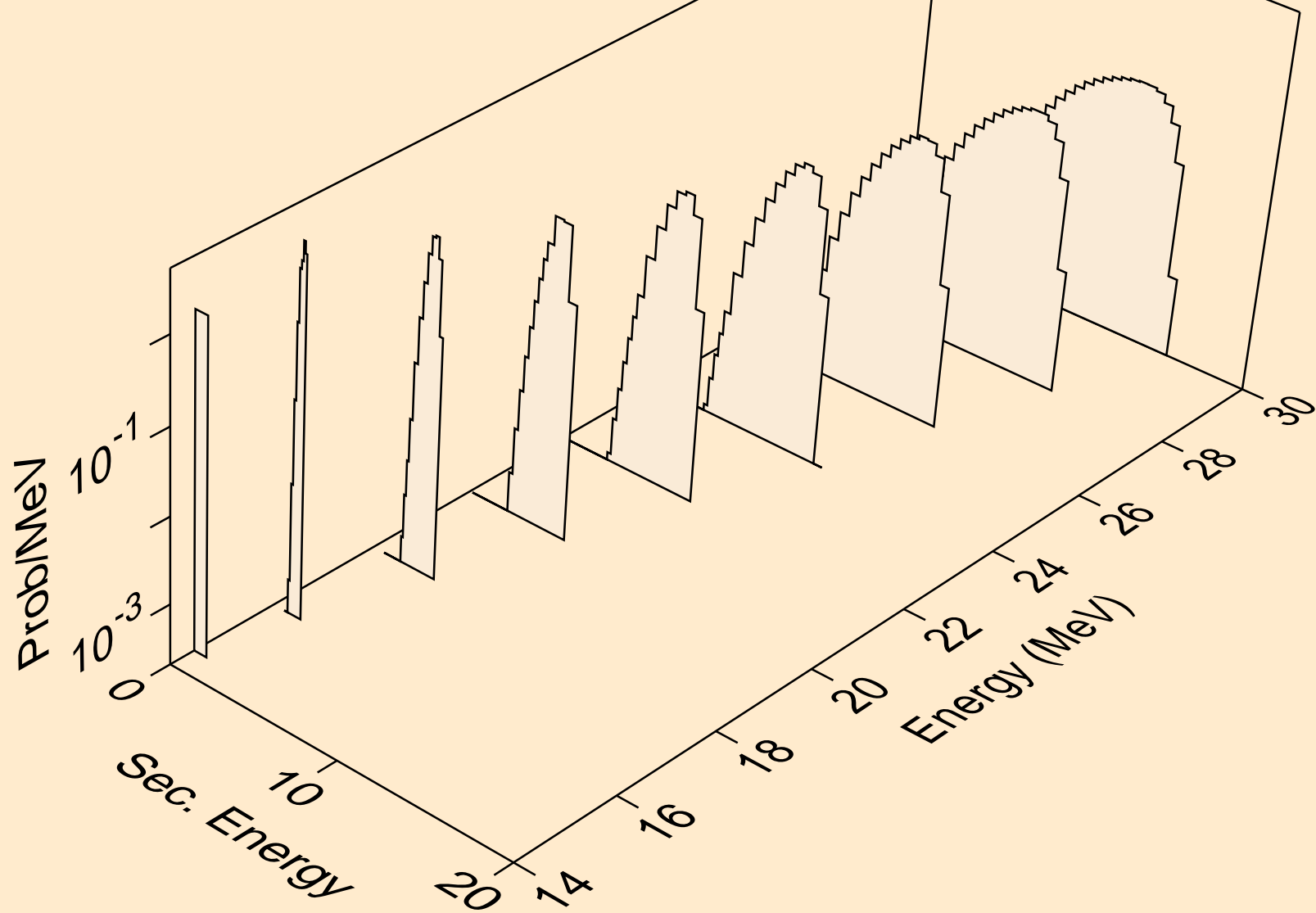




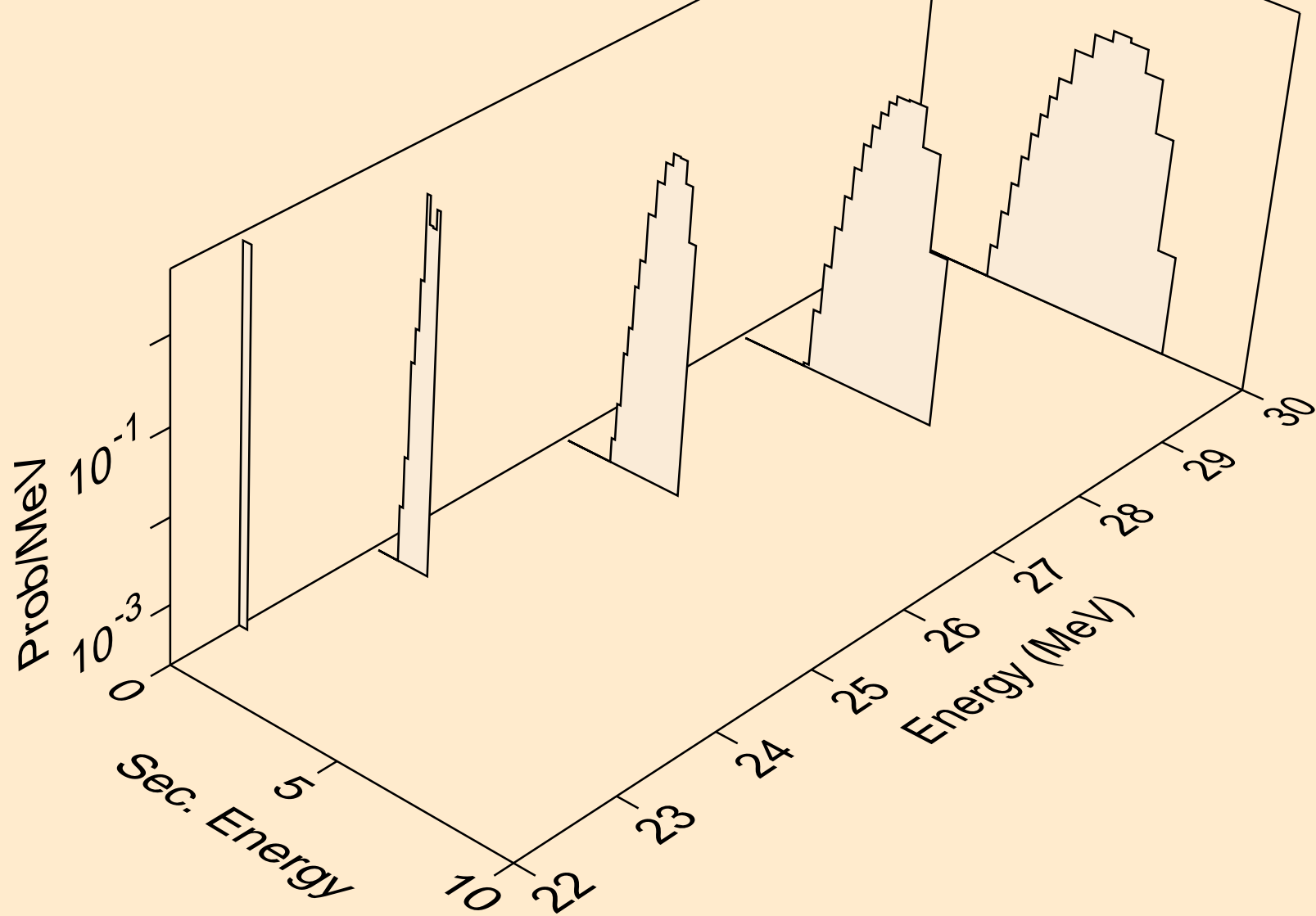
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protons from (n,n\*)p



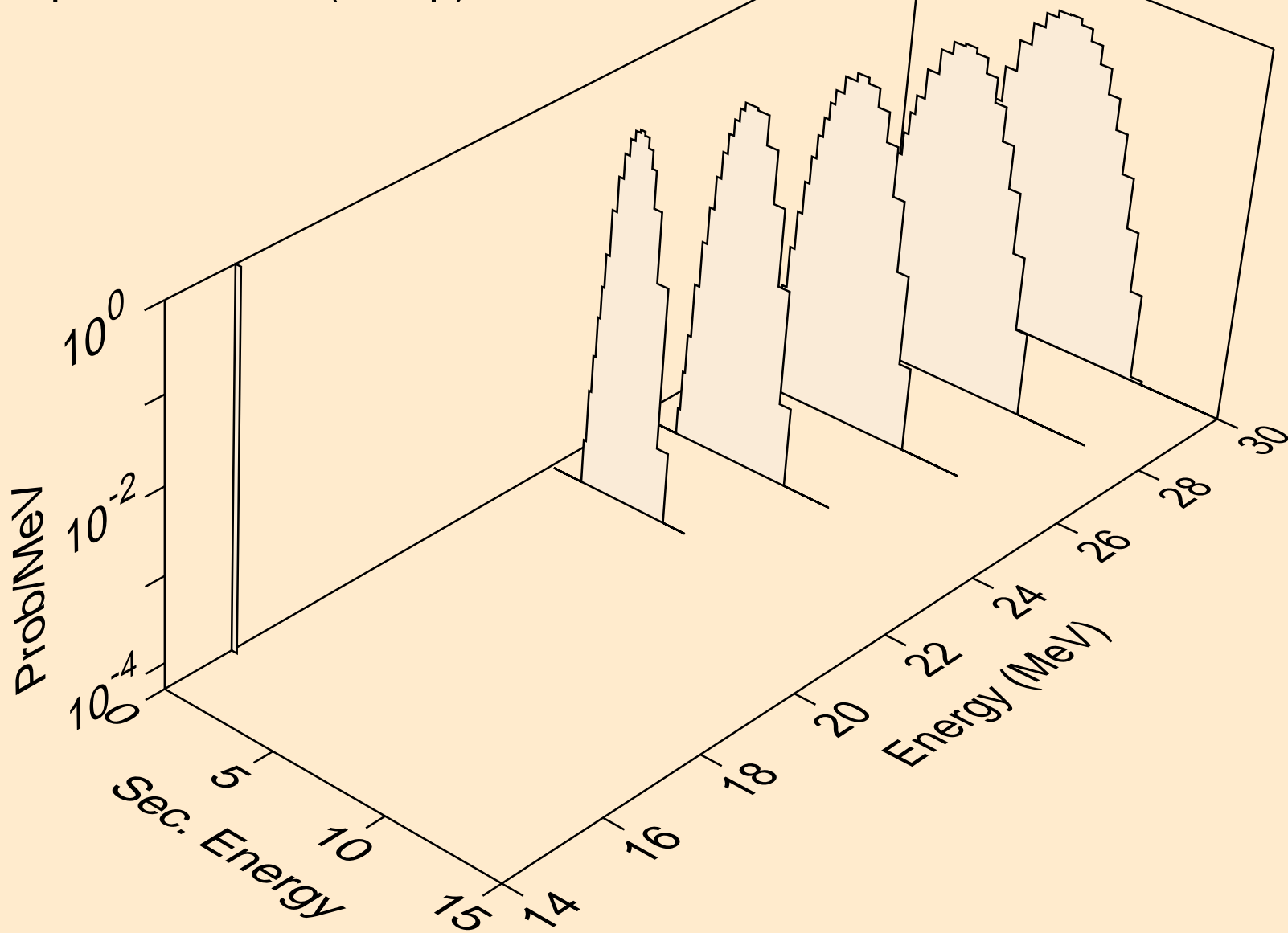
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protons from (n,2np)



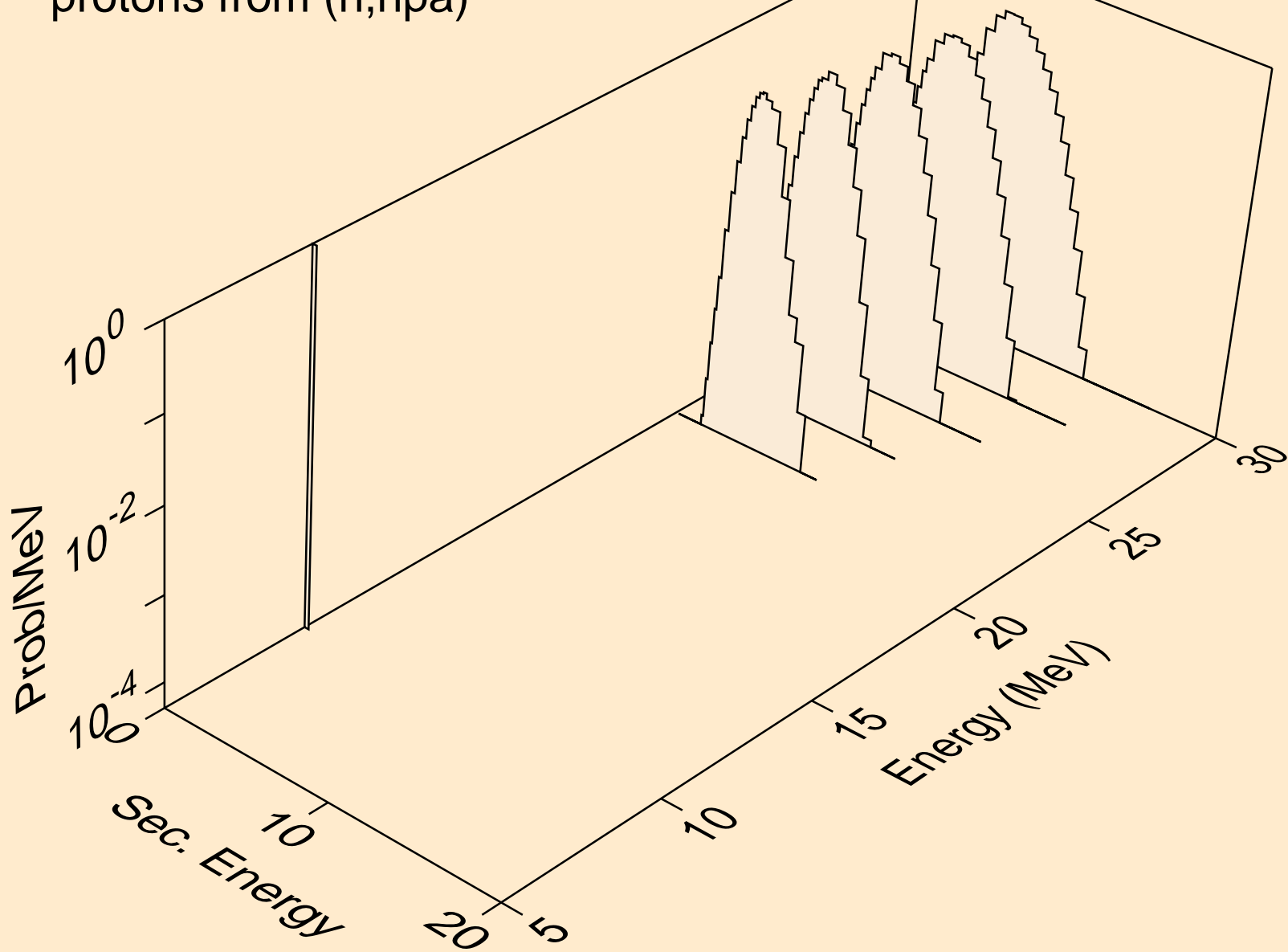
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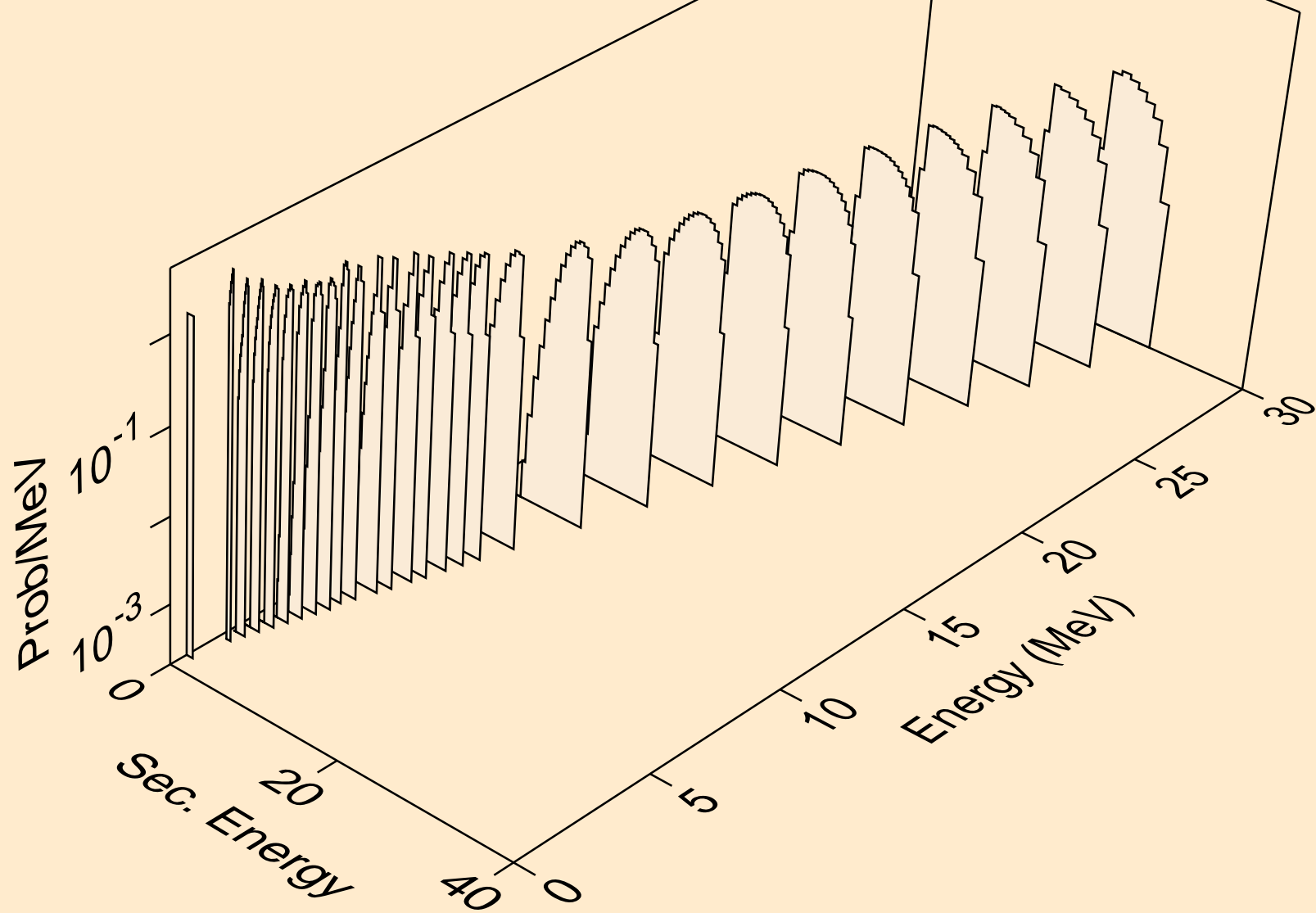
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protons from (n,n2p)



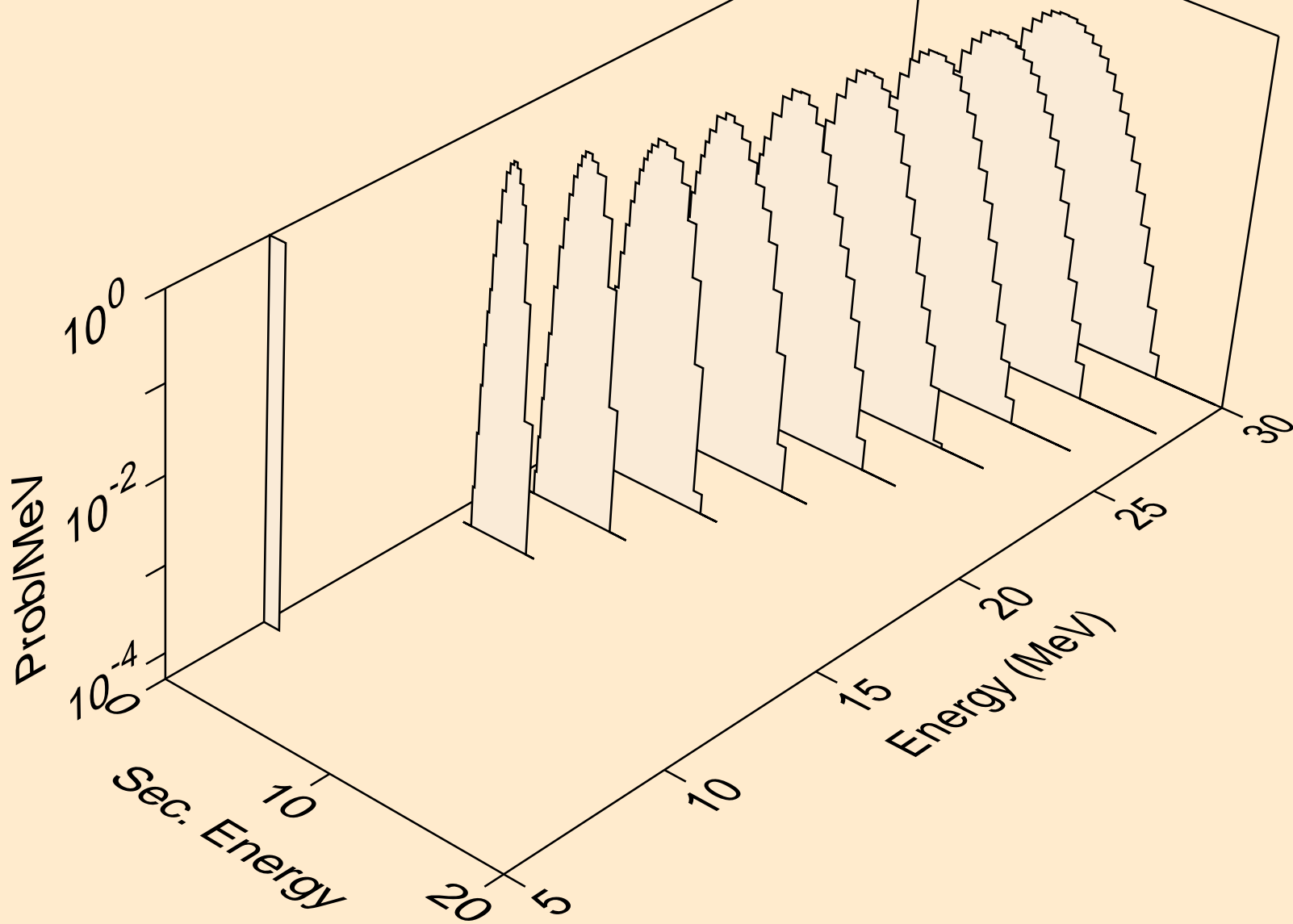
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protons from (n,npa)



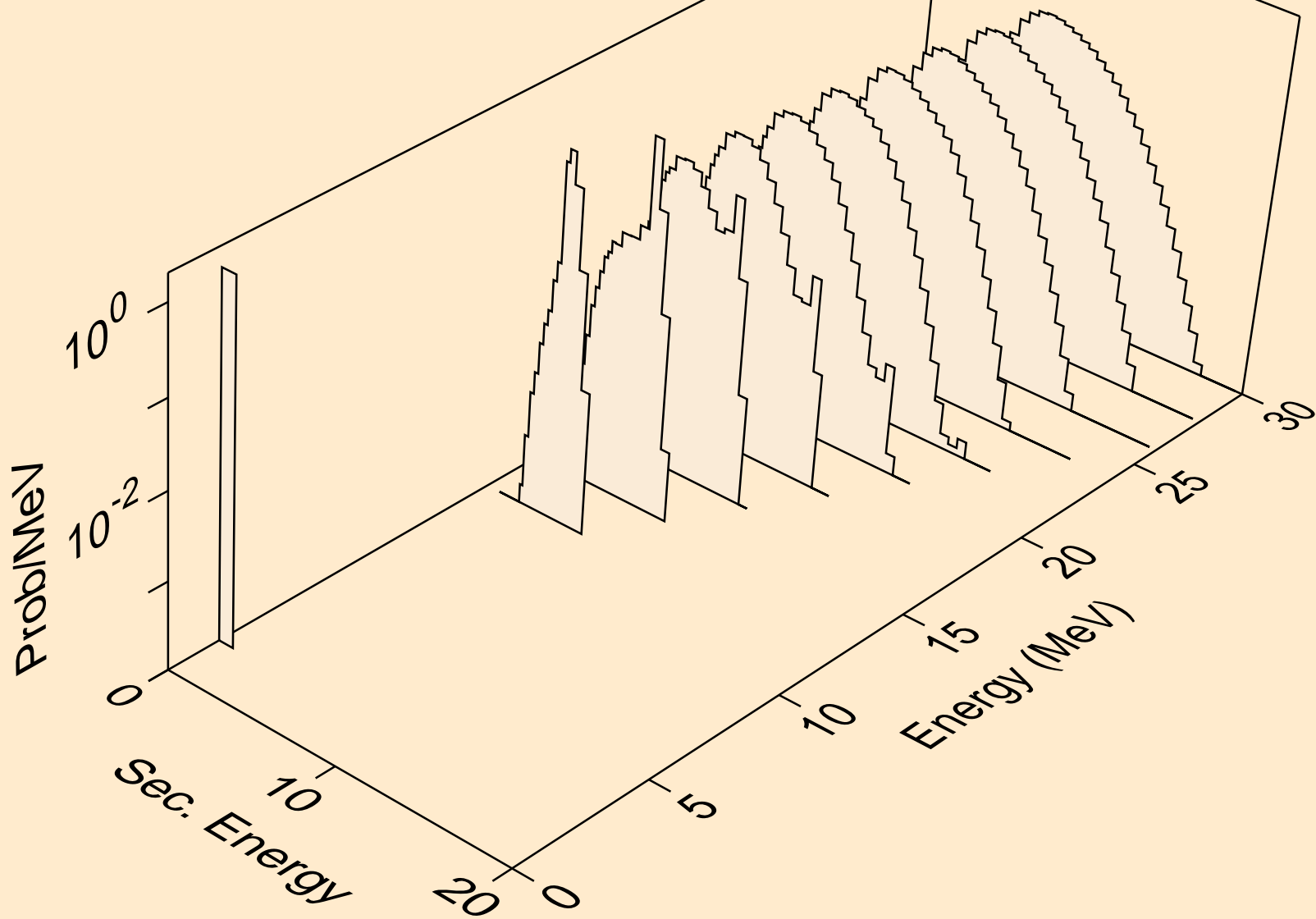
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protons from (n,p)



GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2p)

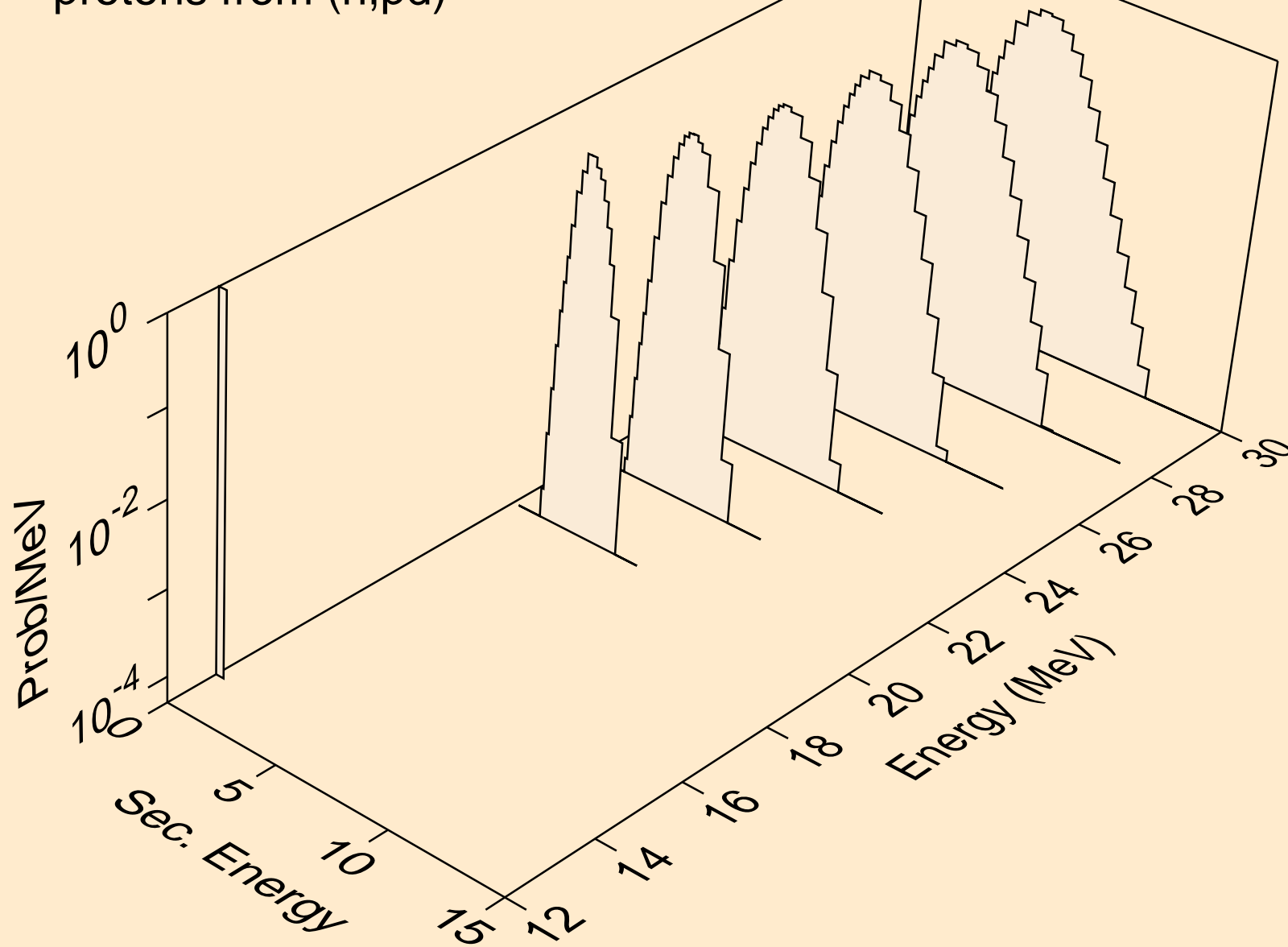


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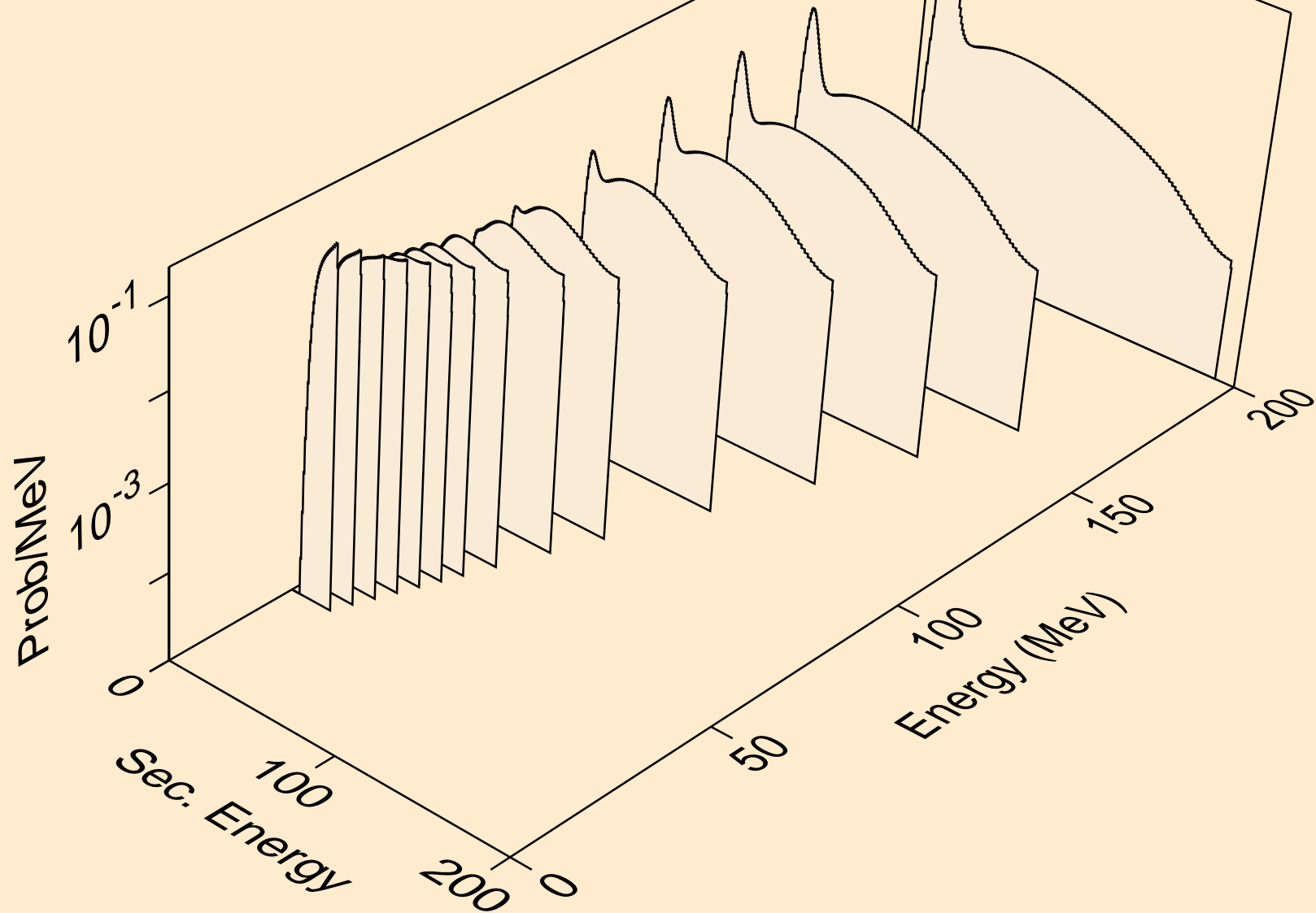




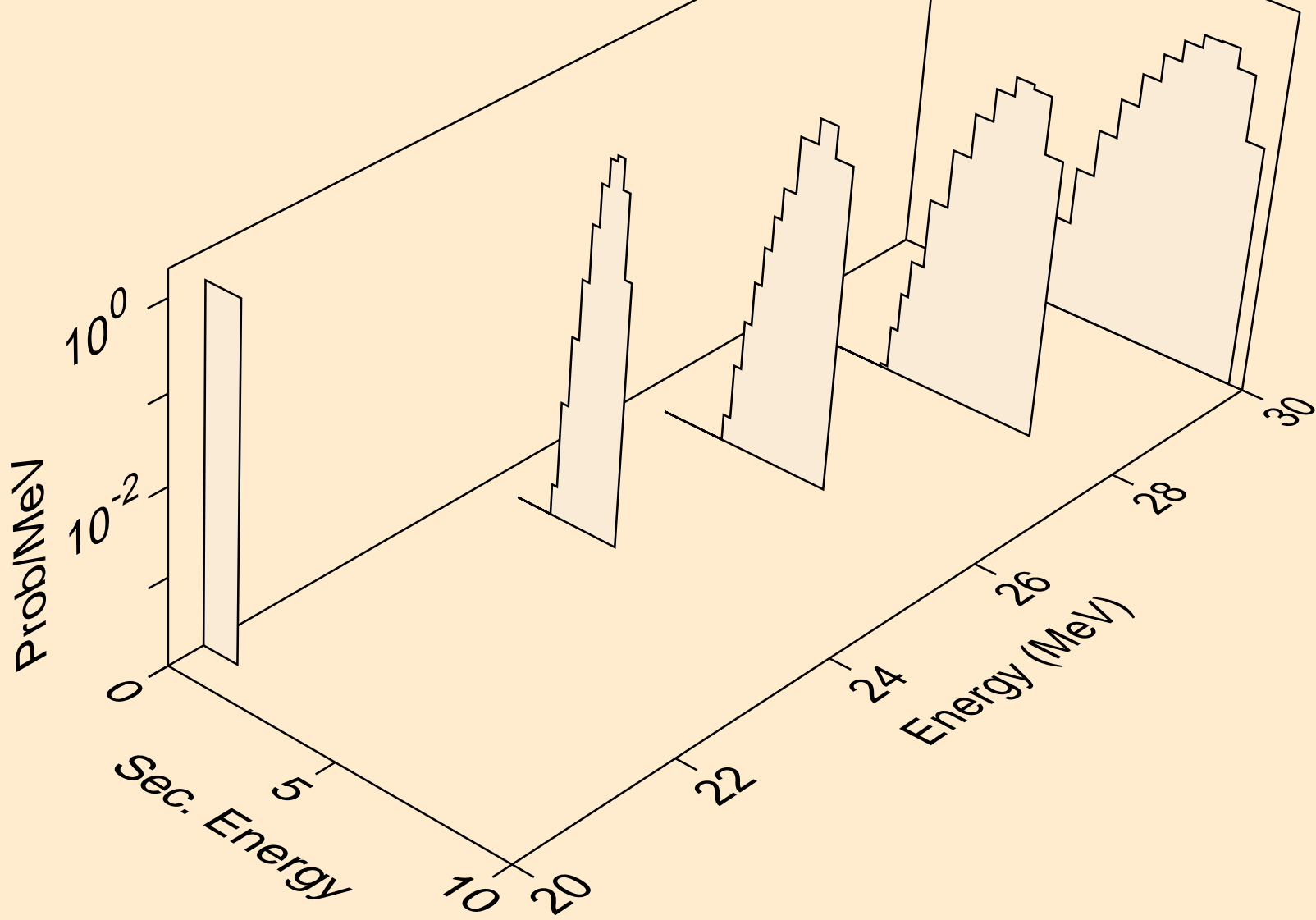
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protons from (n,pd)



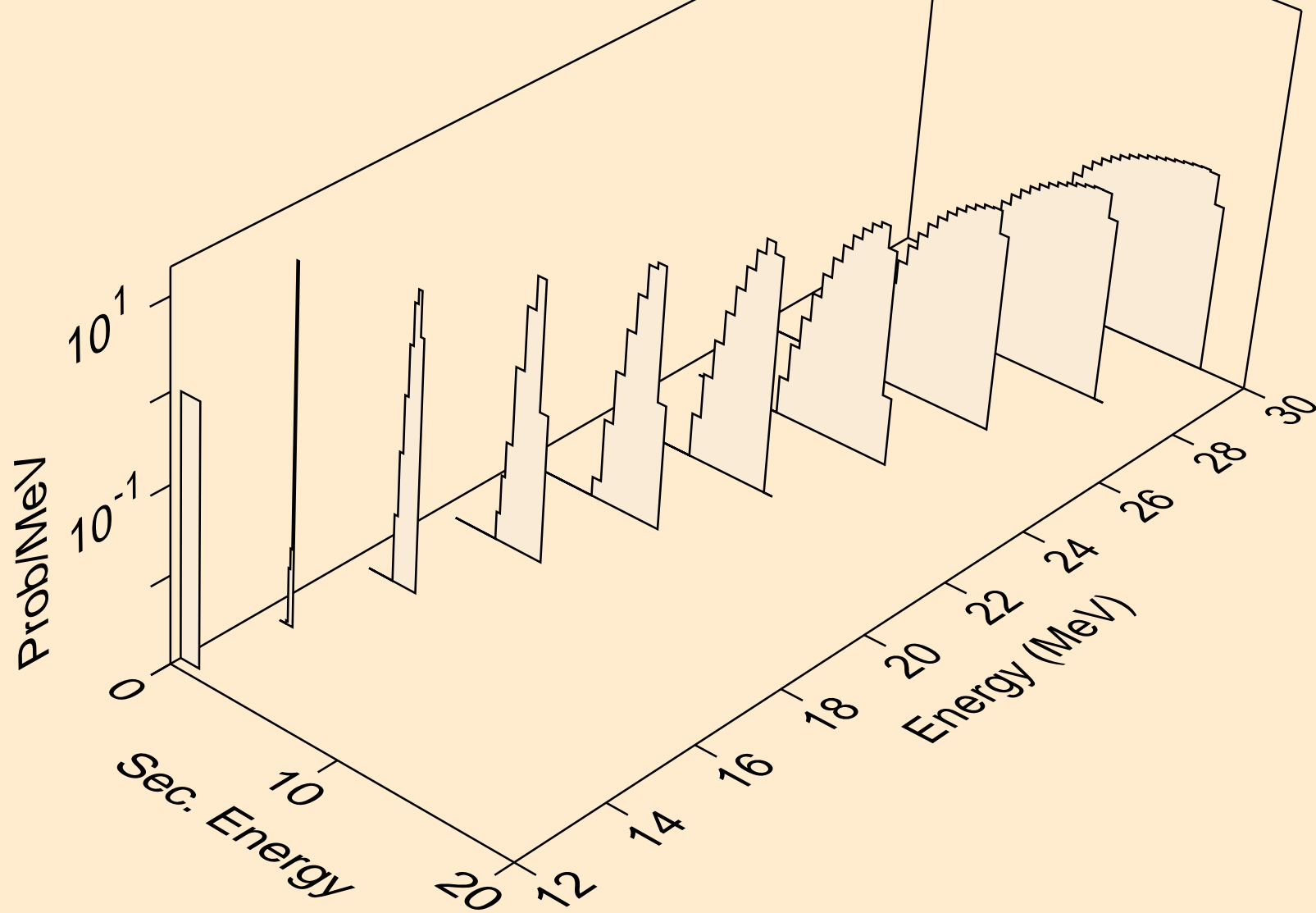
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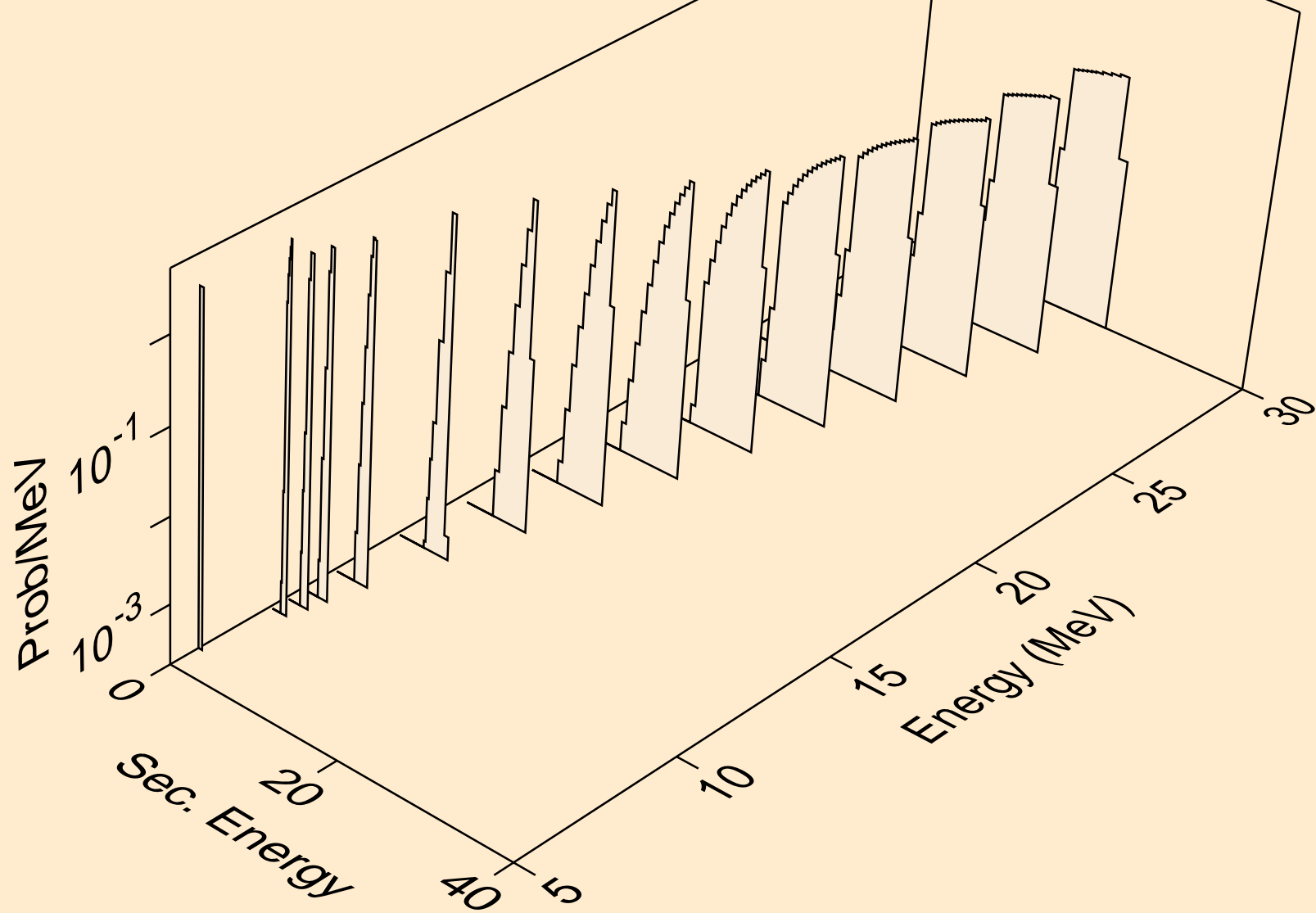
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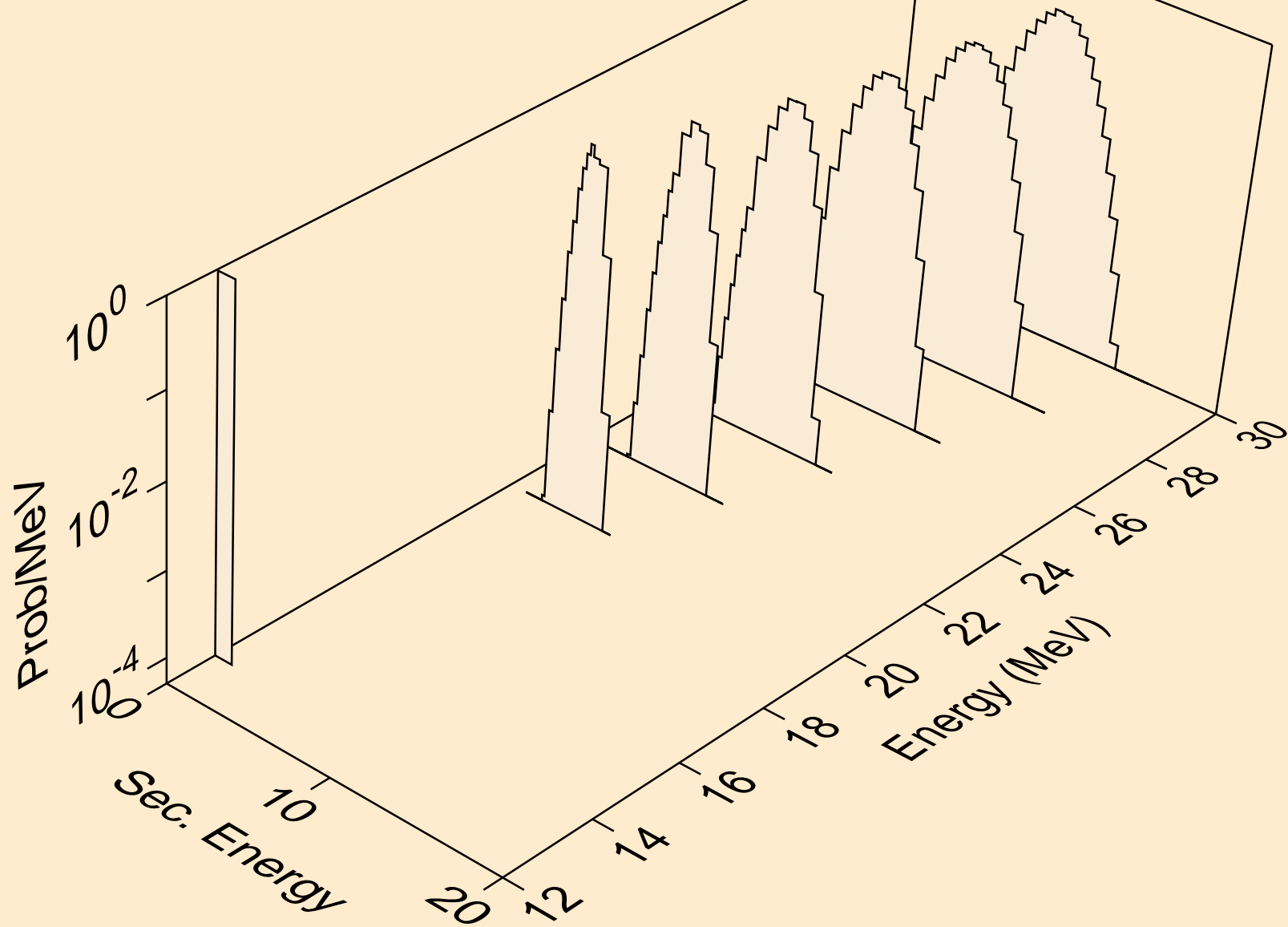
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deuterons from (n,n\*)d



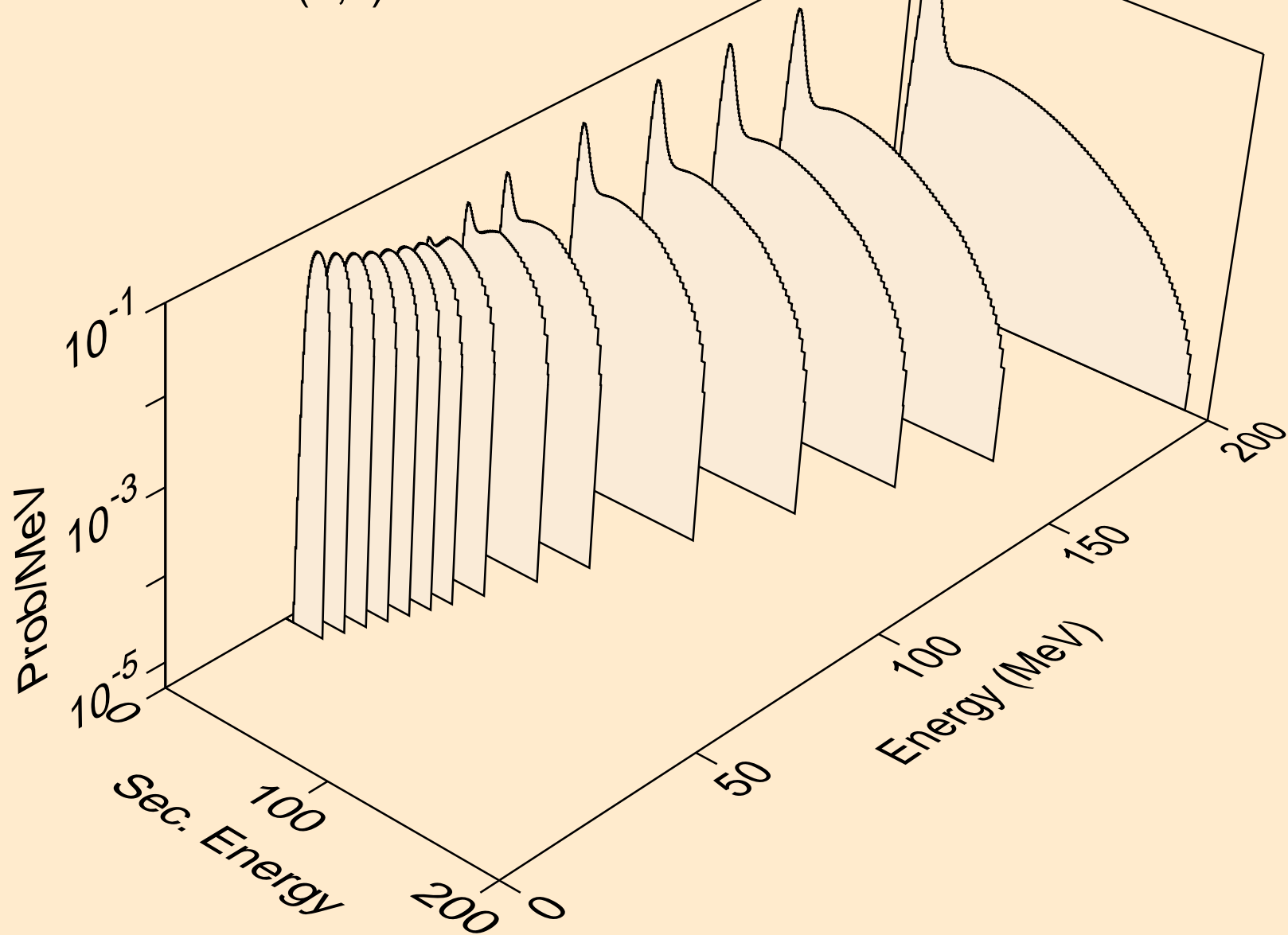
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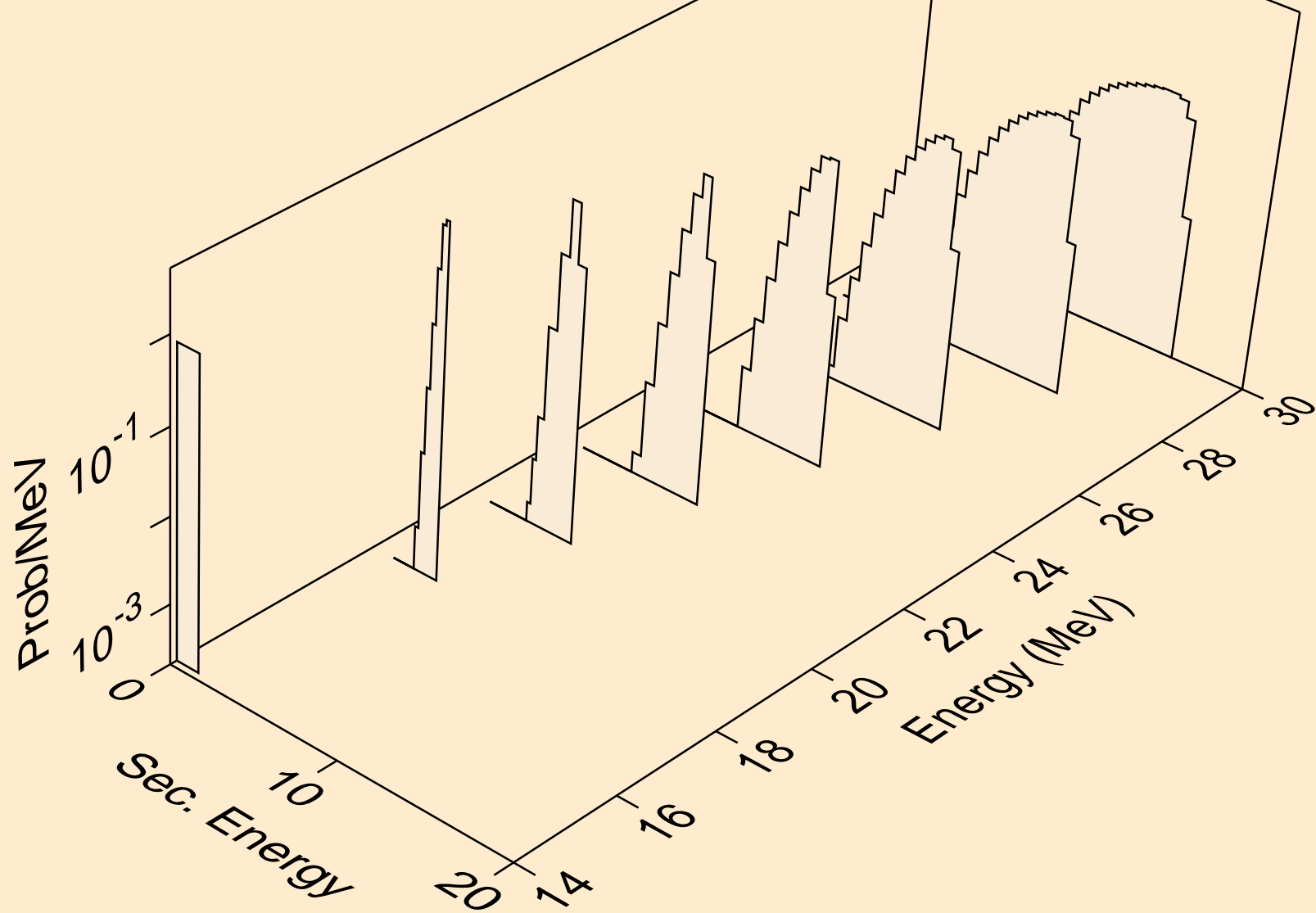
GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,pd)



GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)

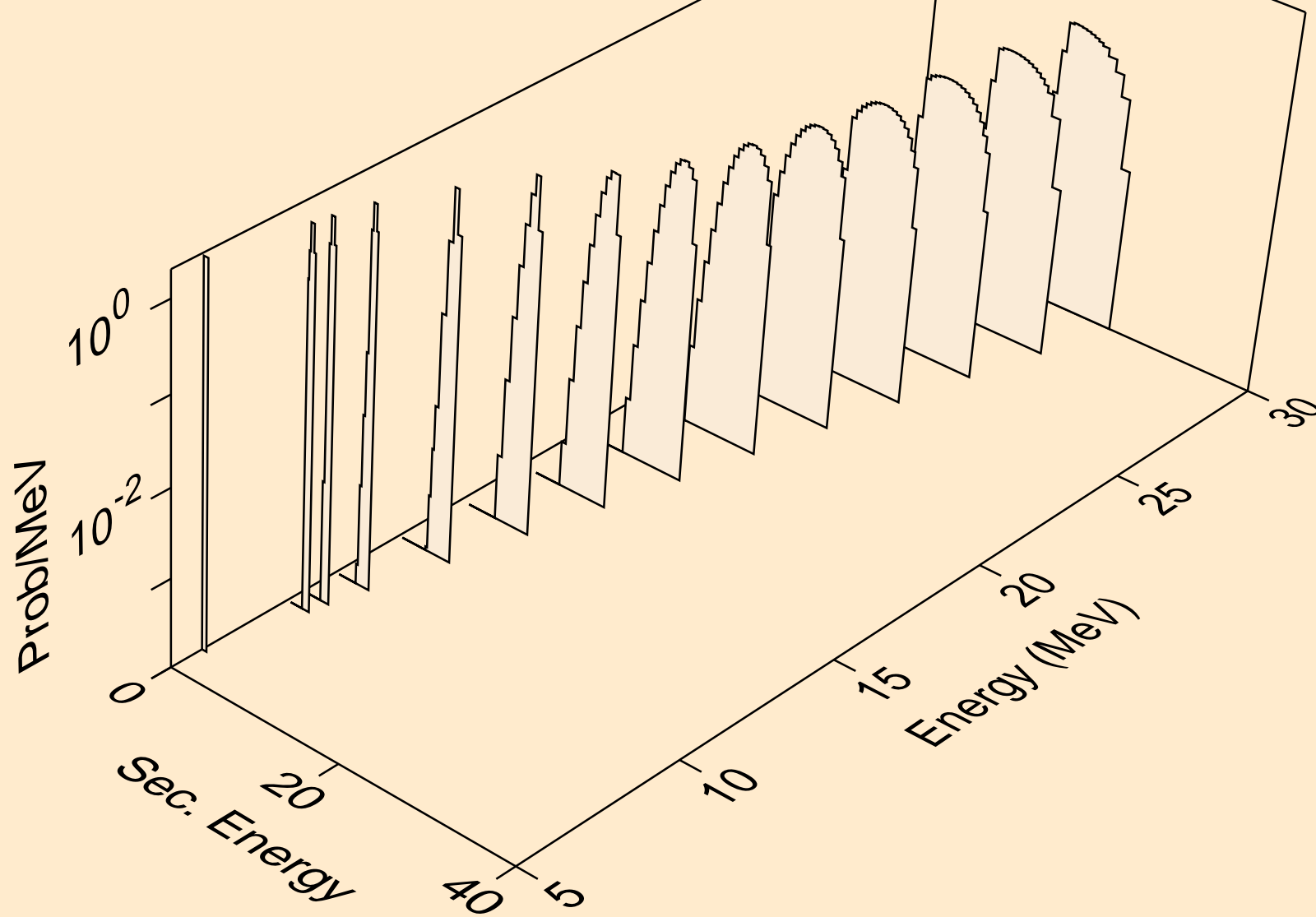


GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t

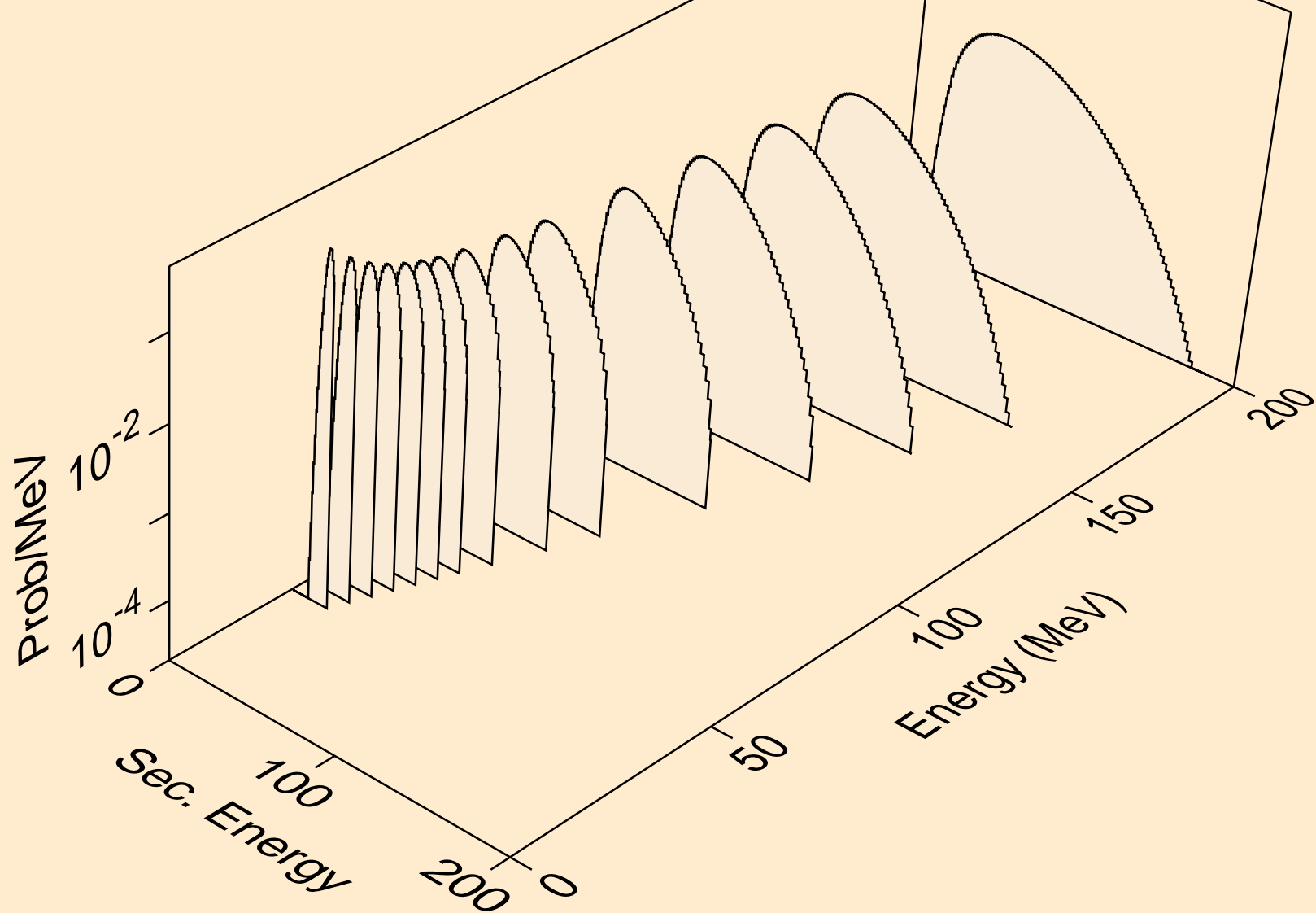




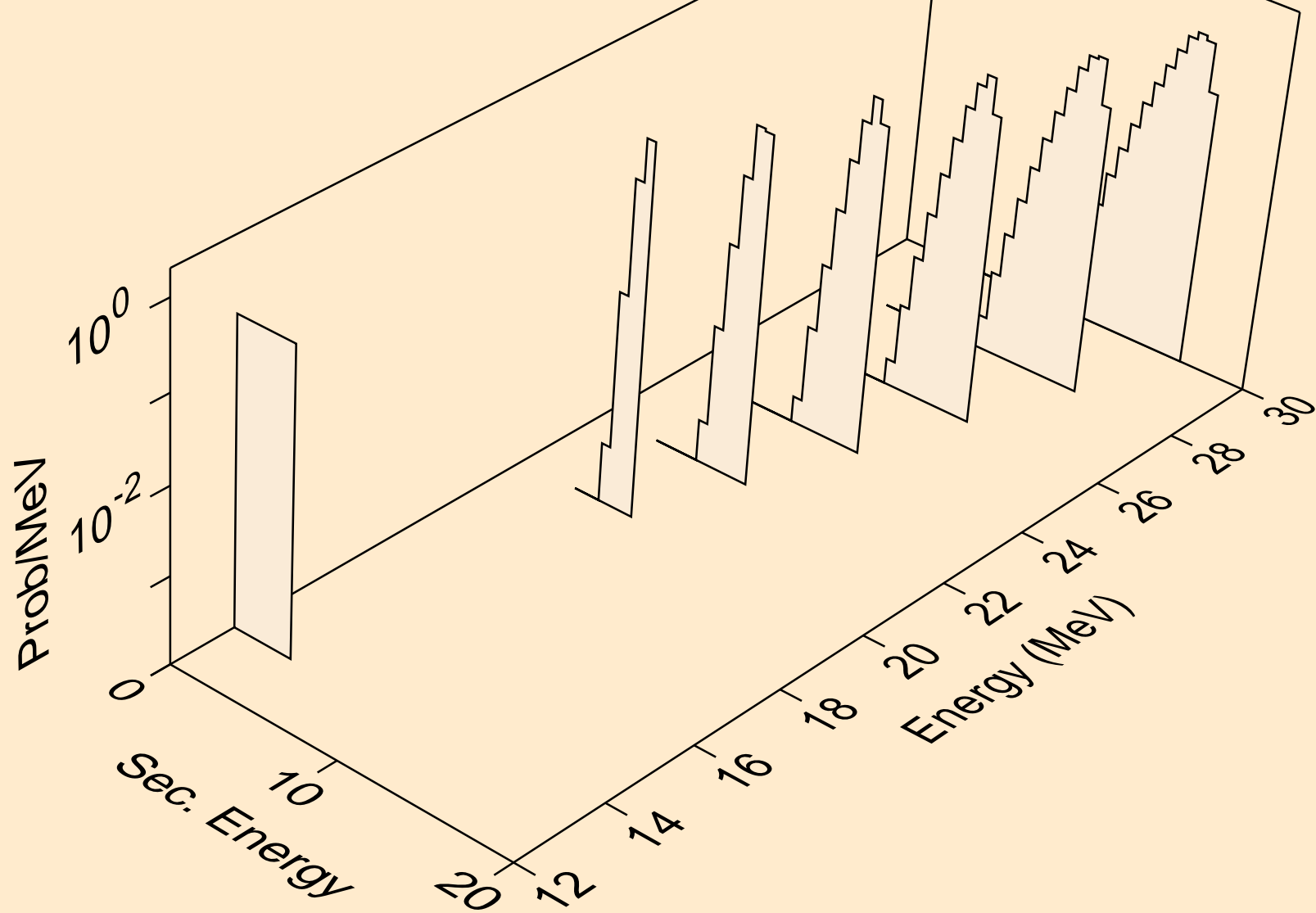
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tritons from (n,t)



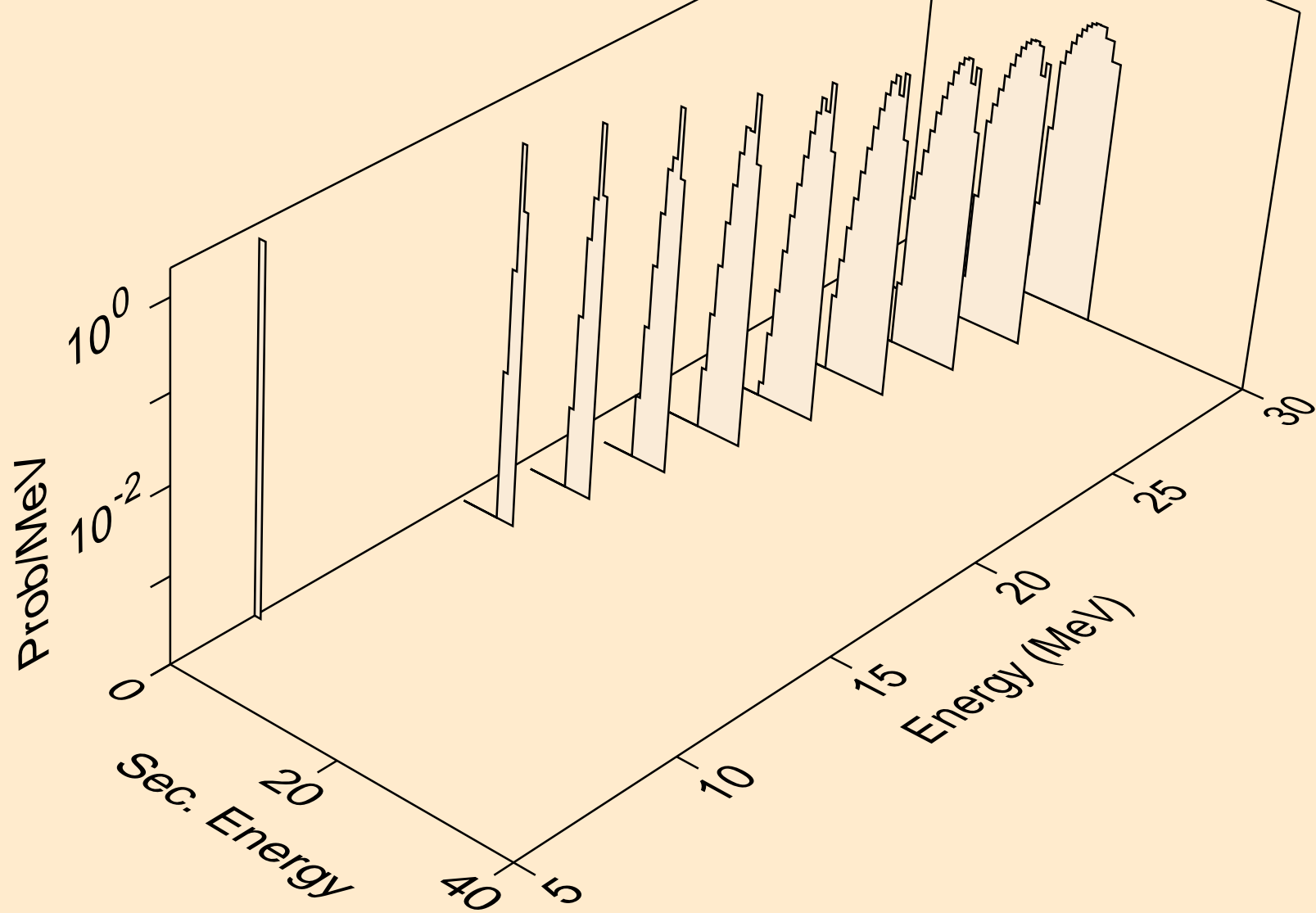
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he3s from (n,x)



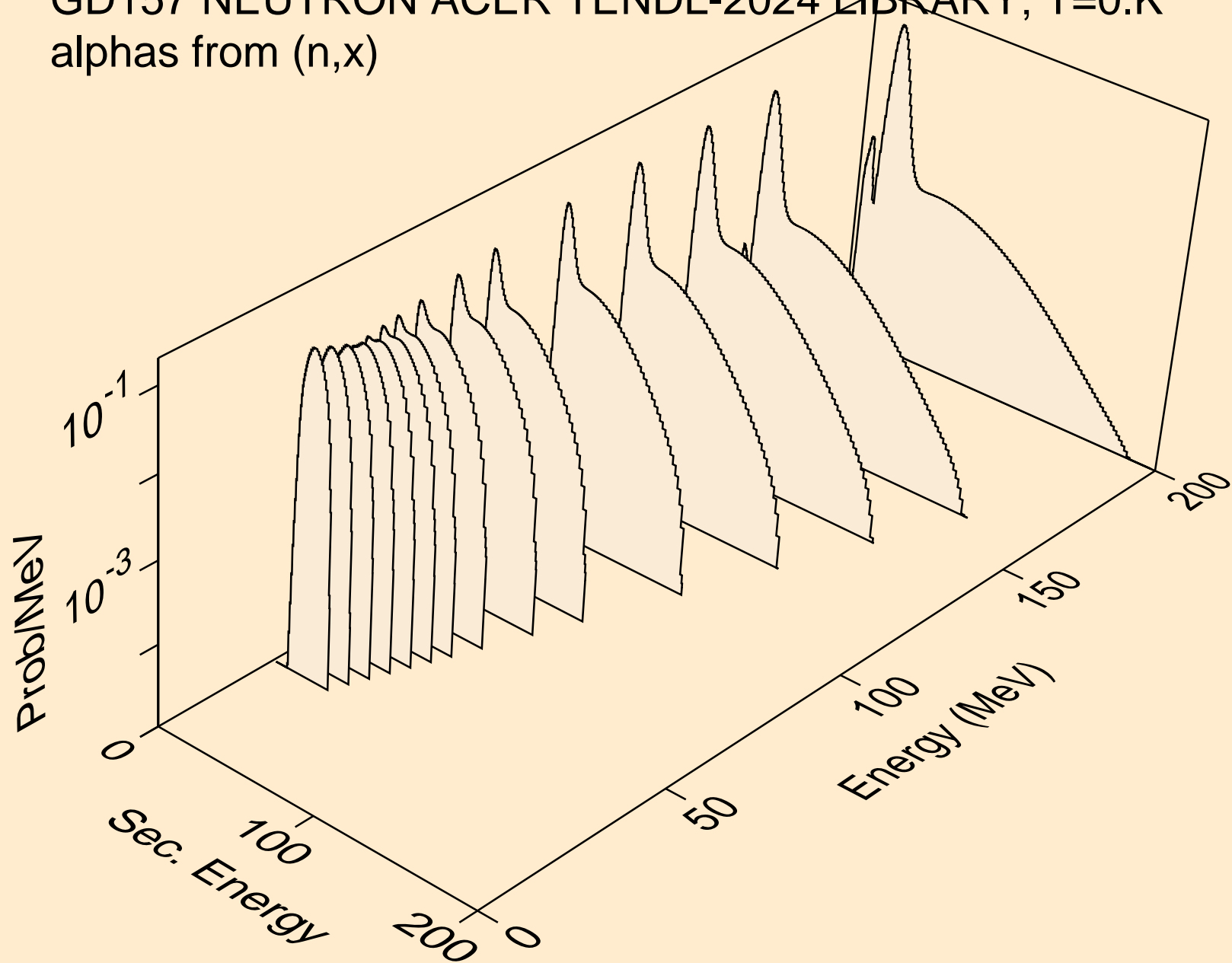
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he3s from (n,n\*)he3



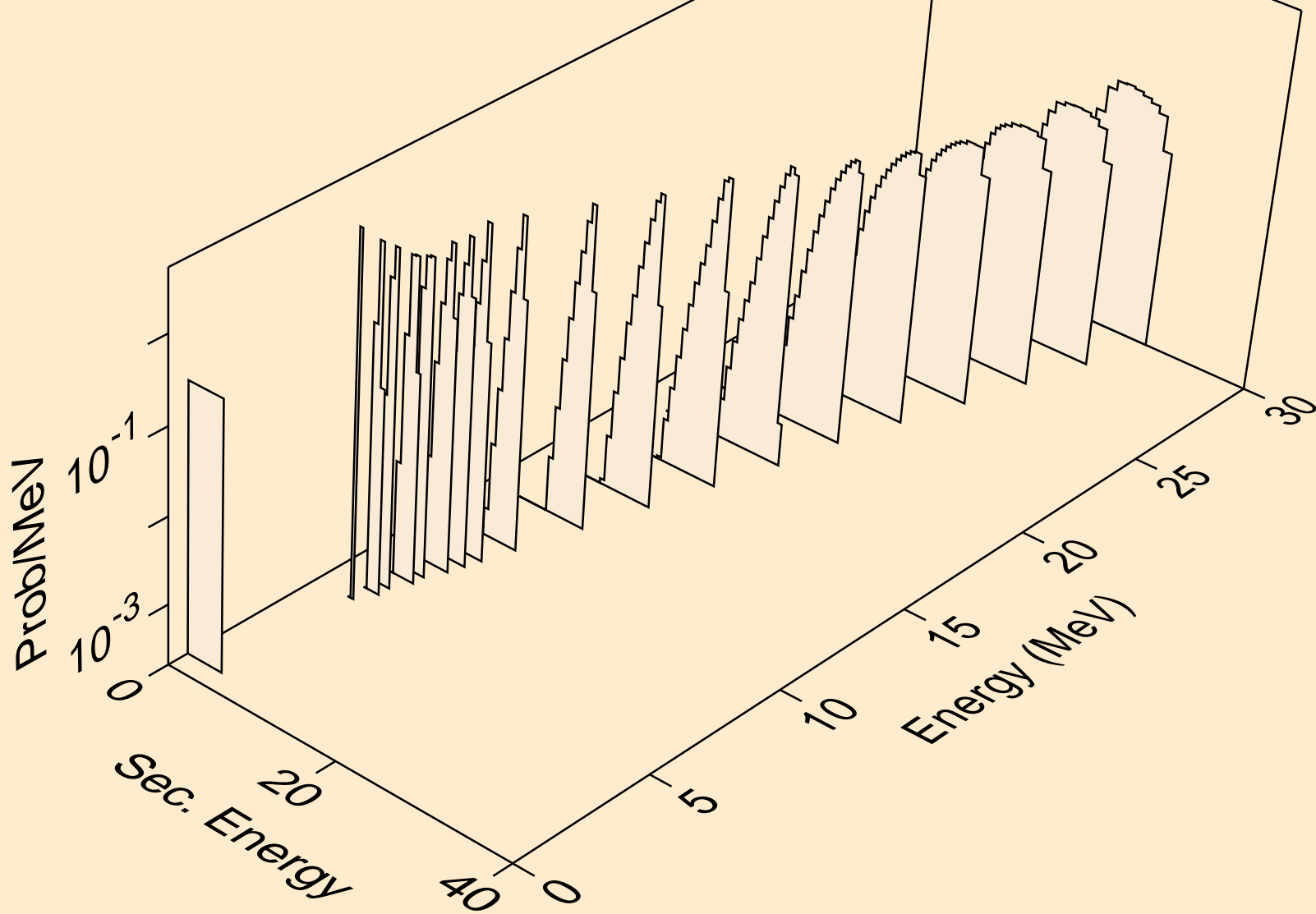
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he3s from (n,he3)



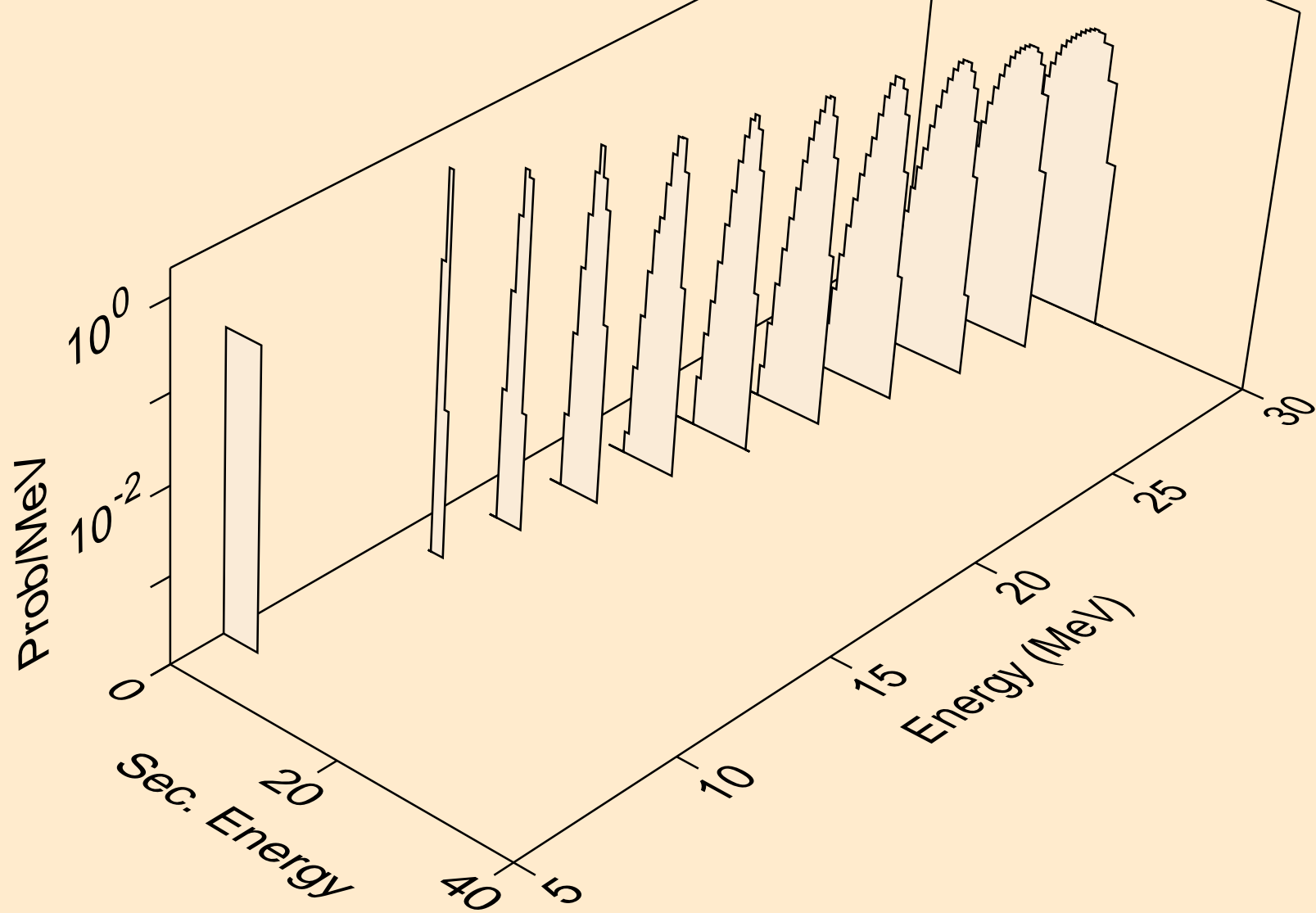
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alphas from (n,x)



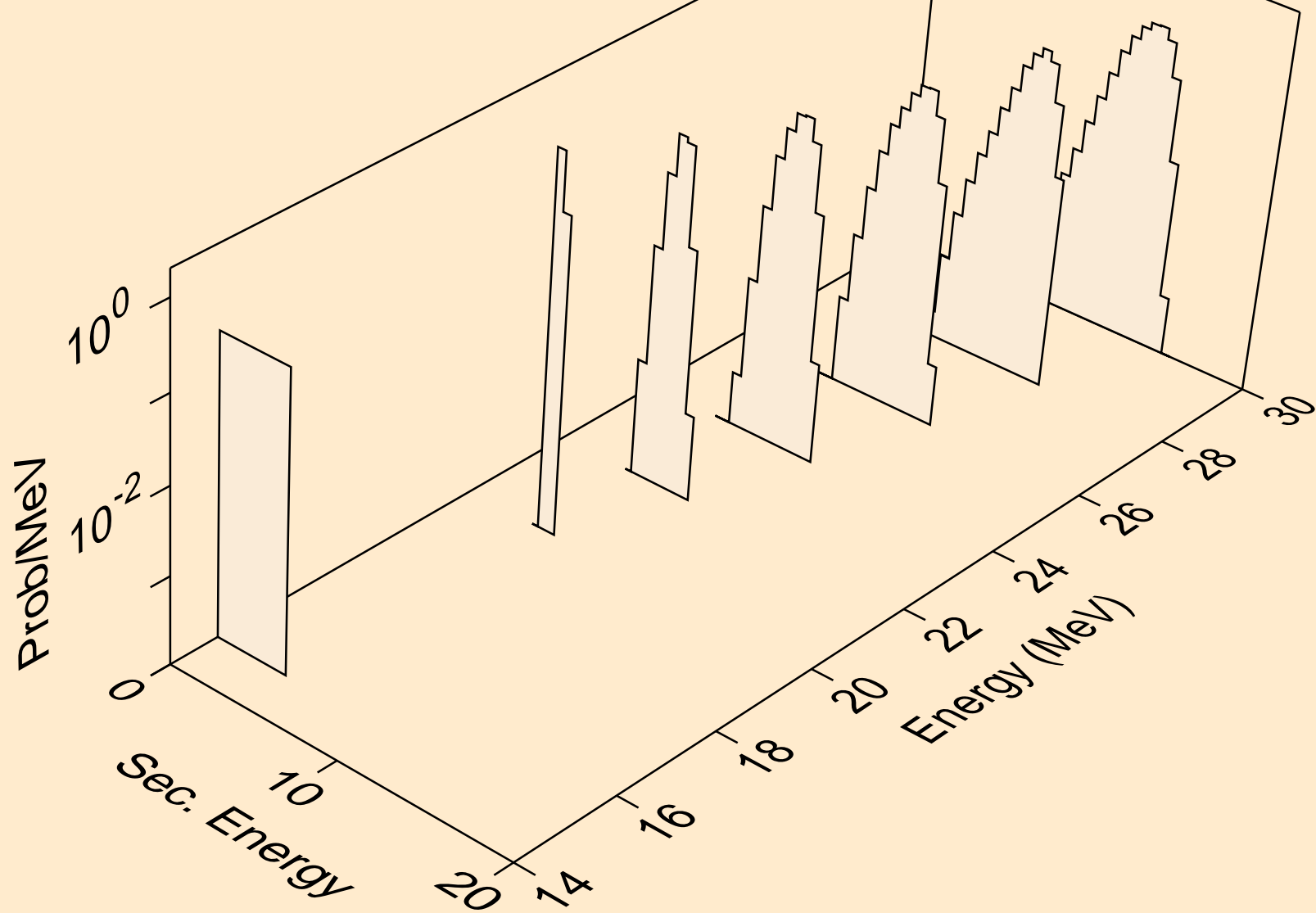
GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a

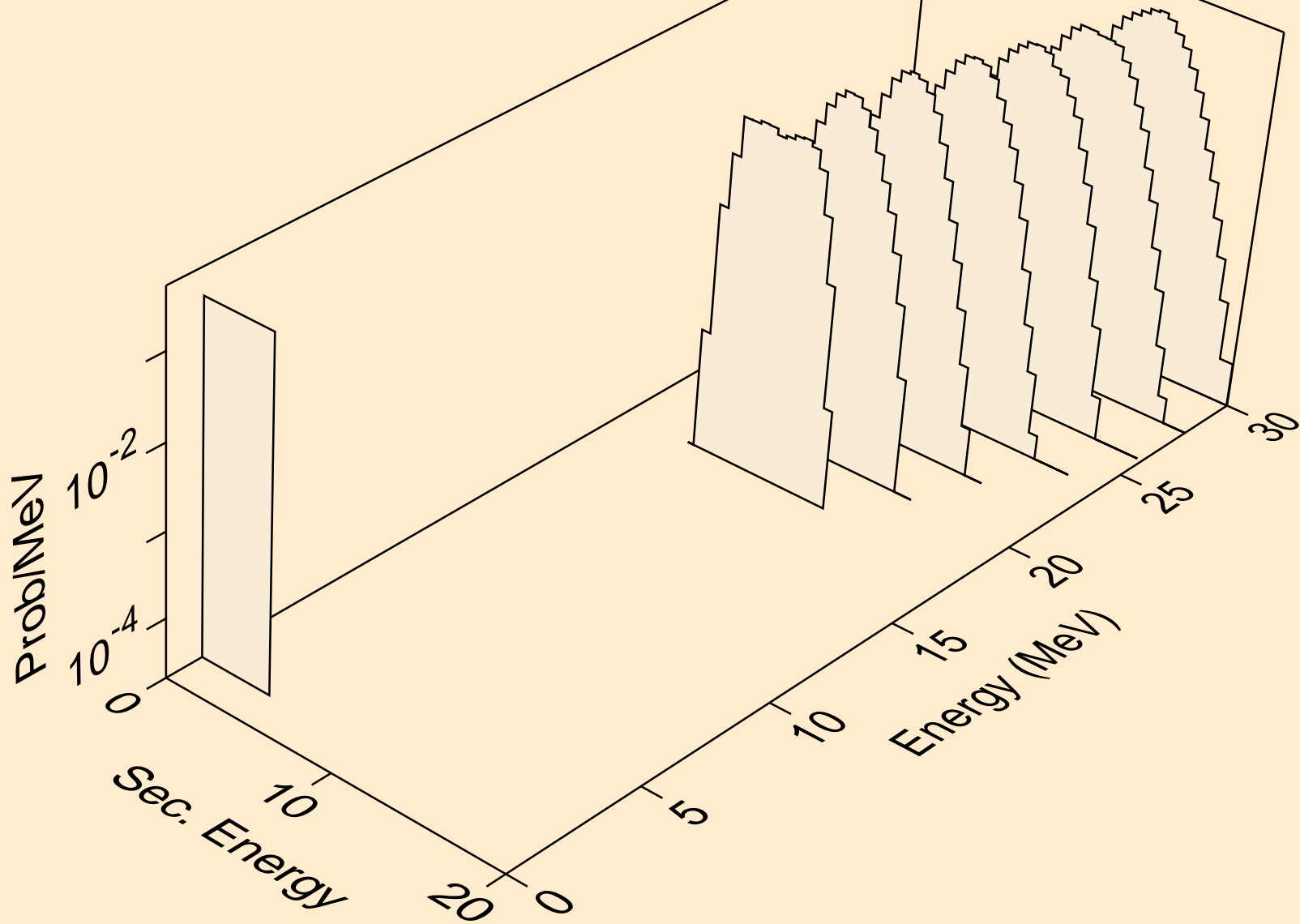


GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a

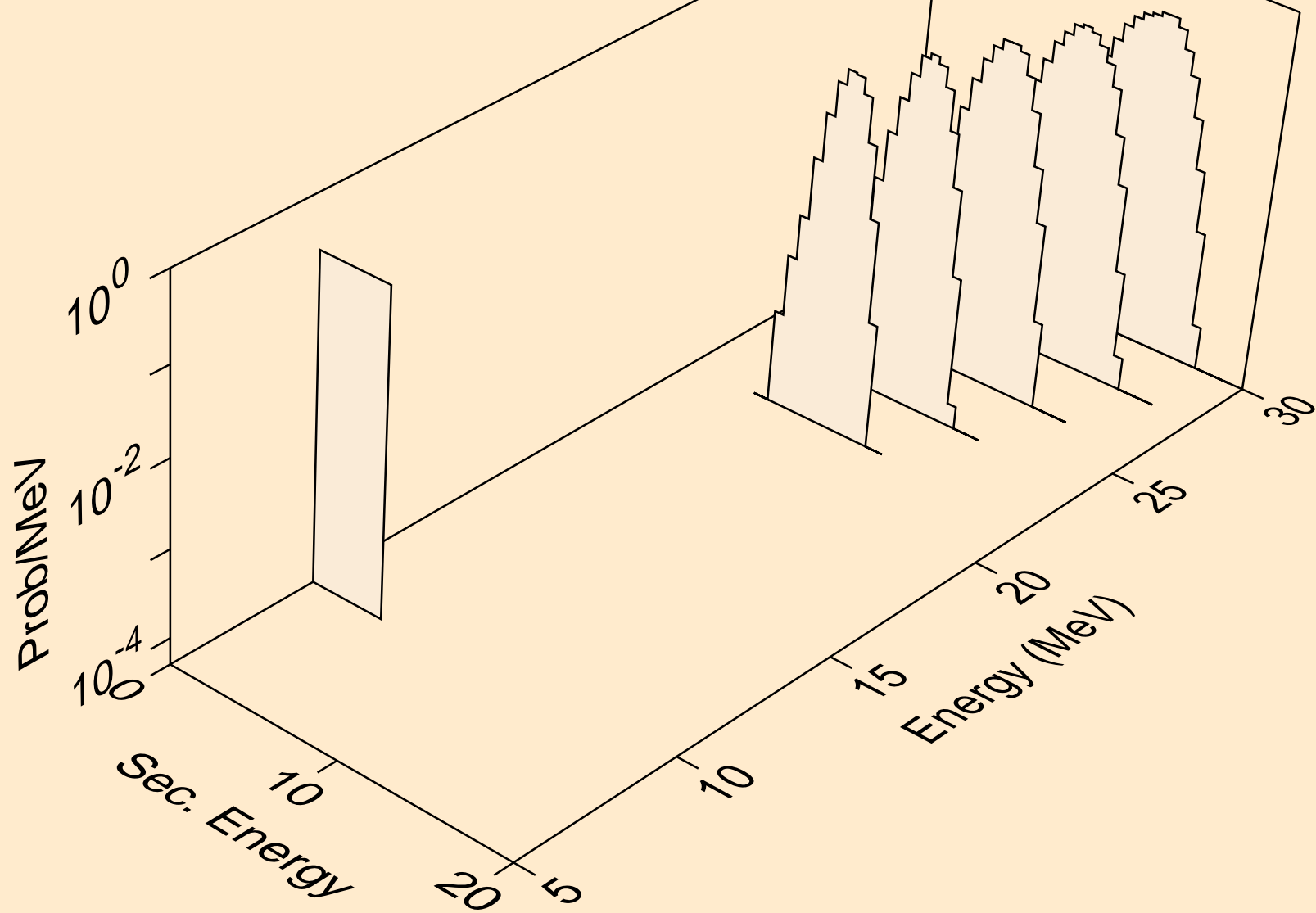




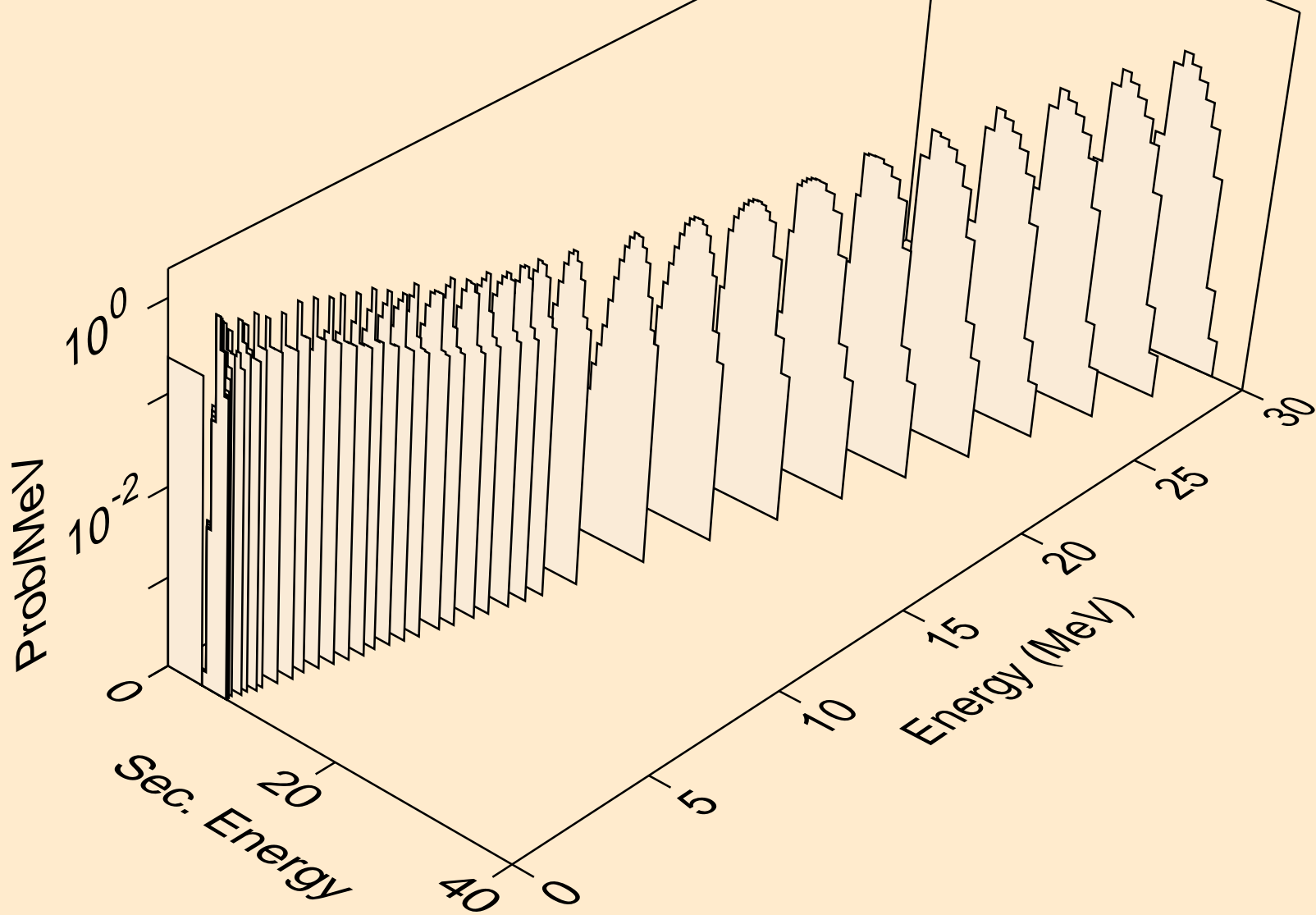
GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)2a



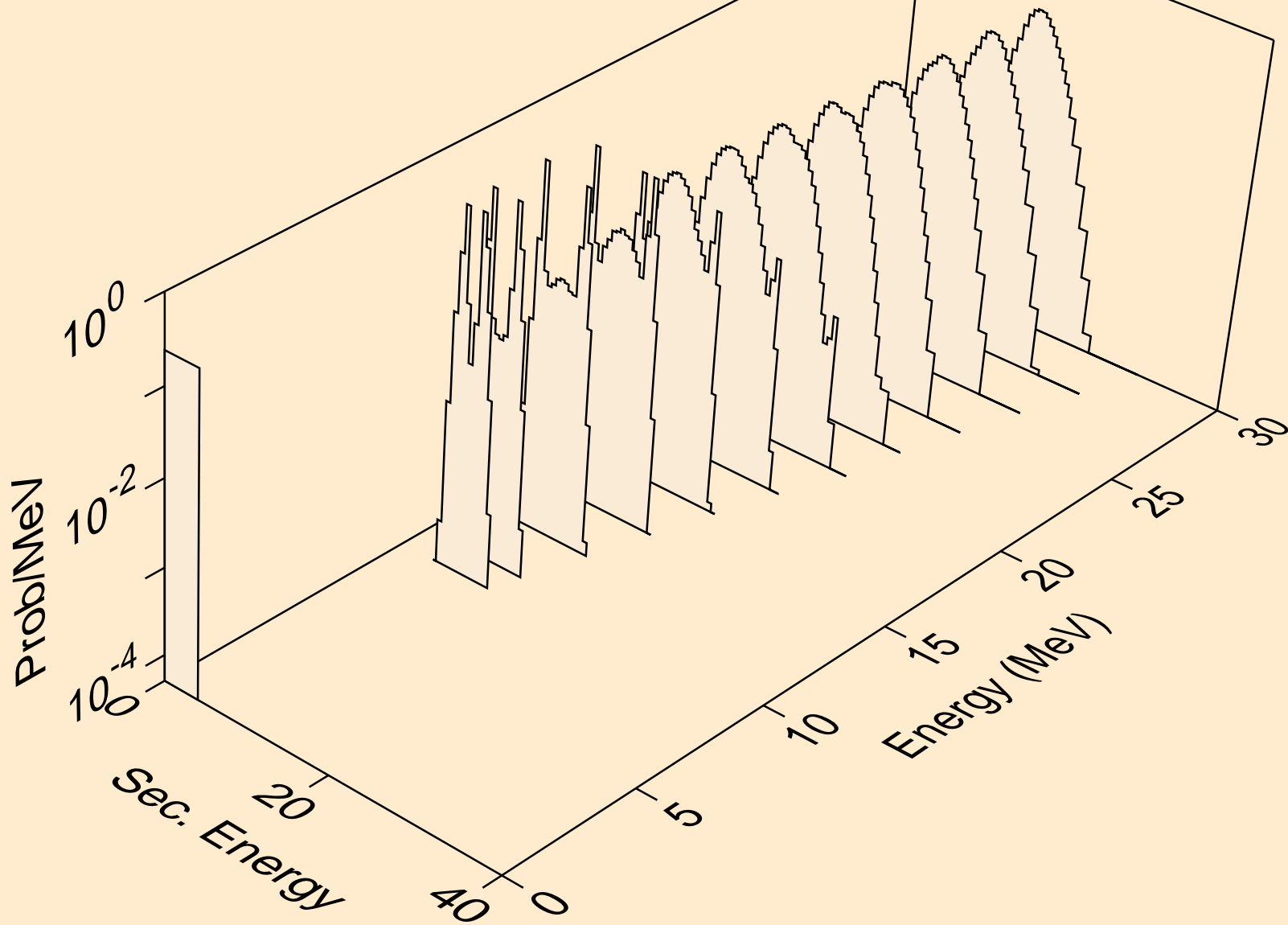
GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)



GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



GD157 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)

