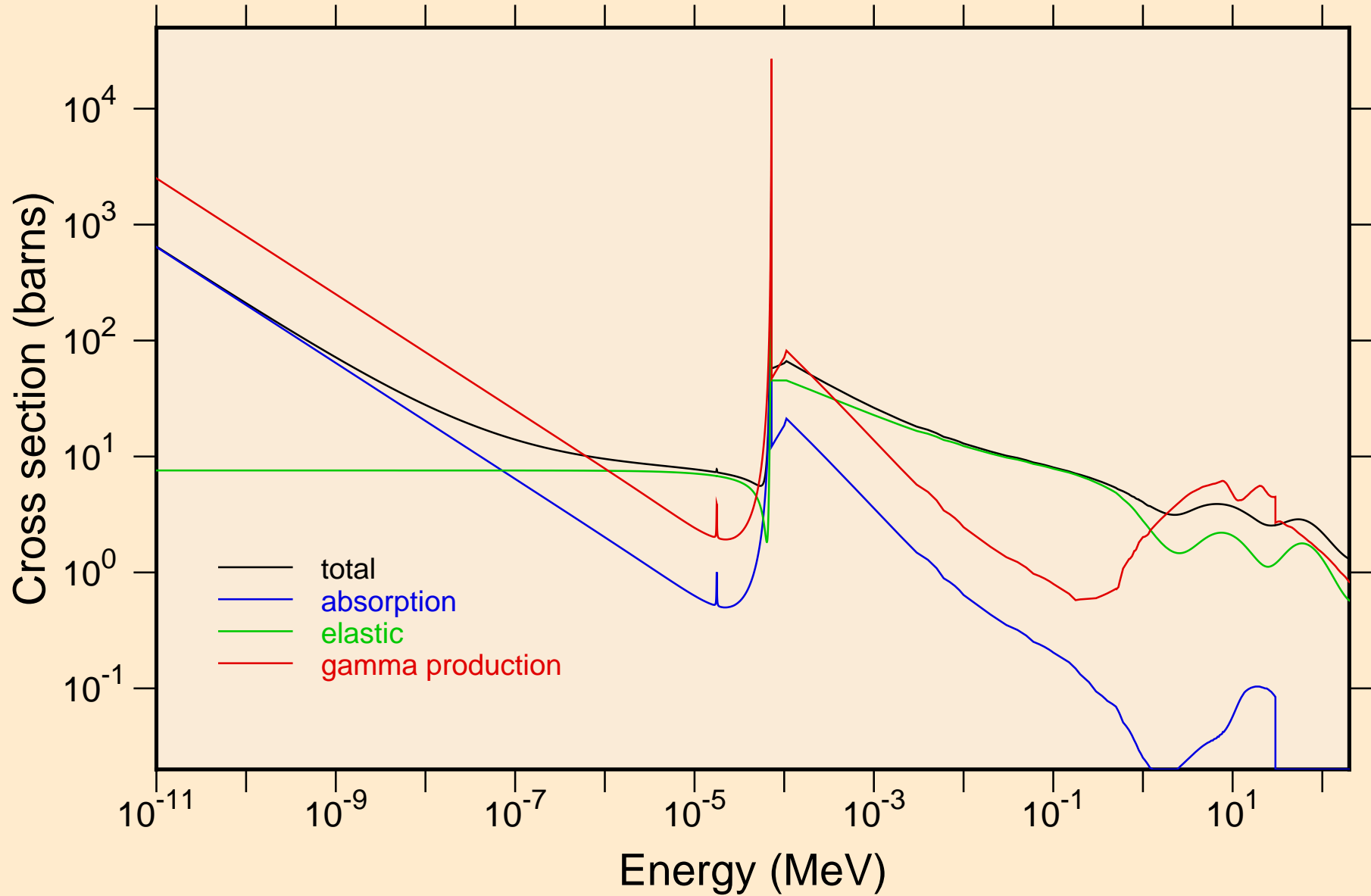
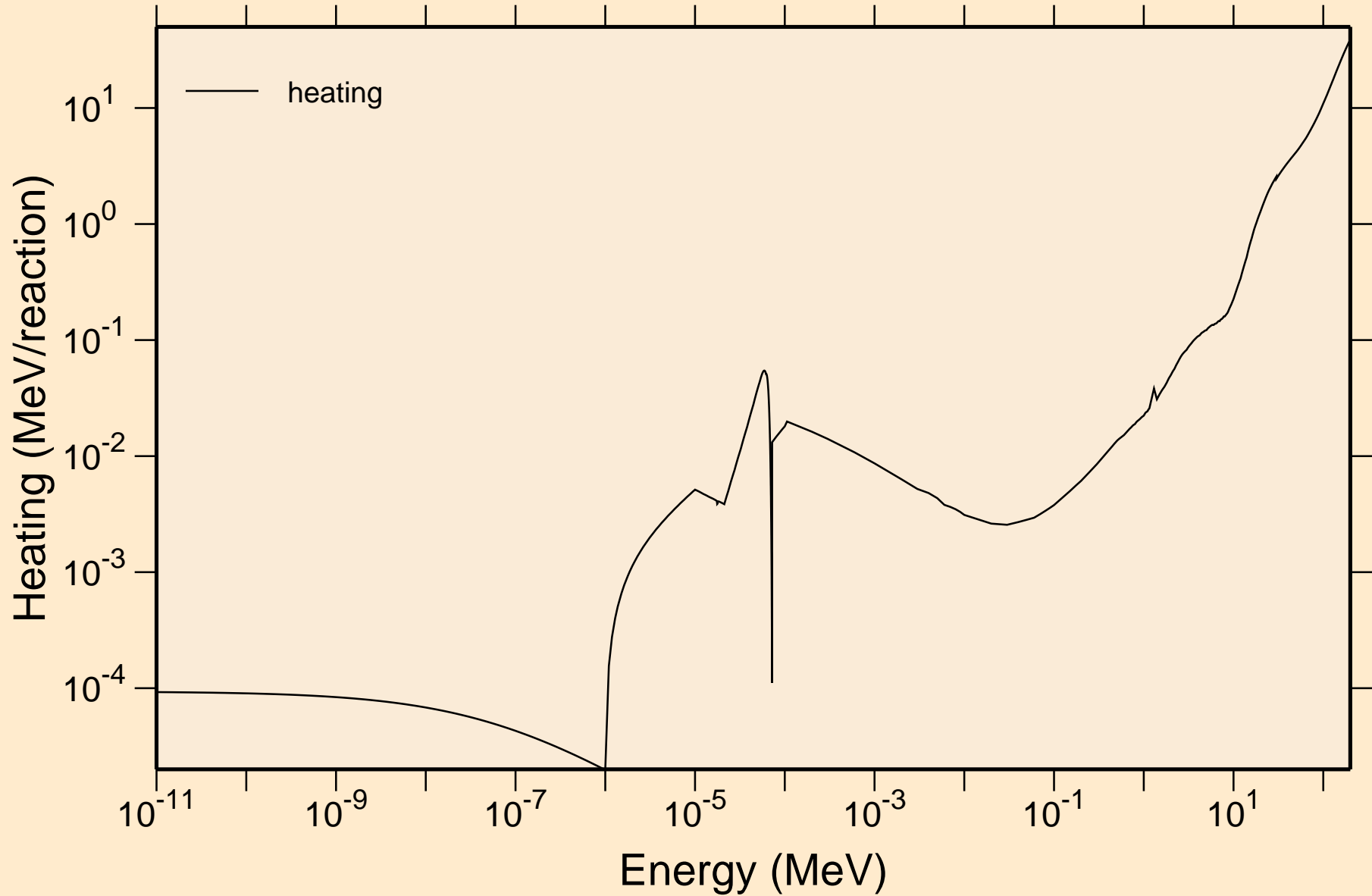


# GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

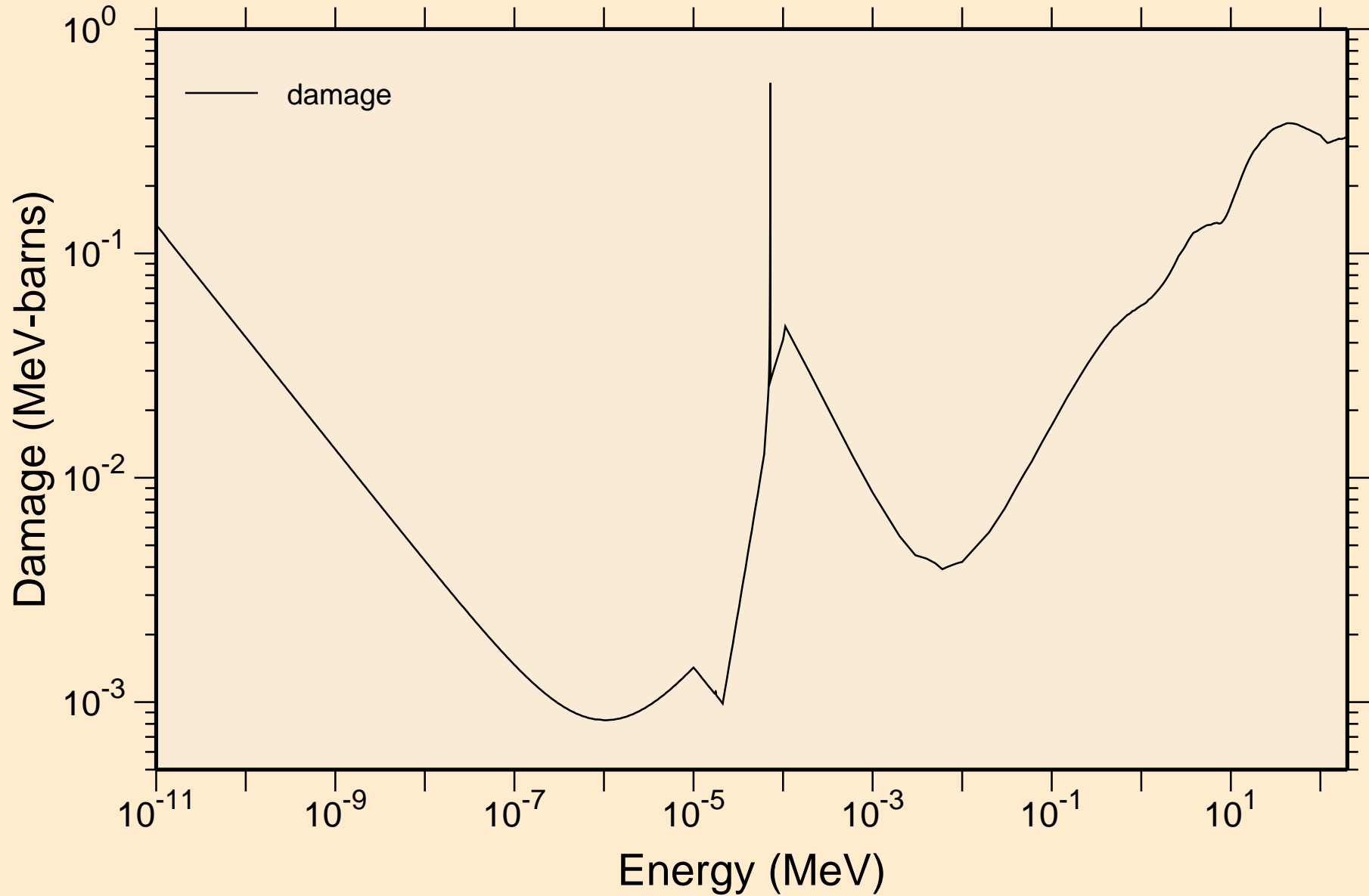


GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Heating



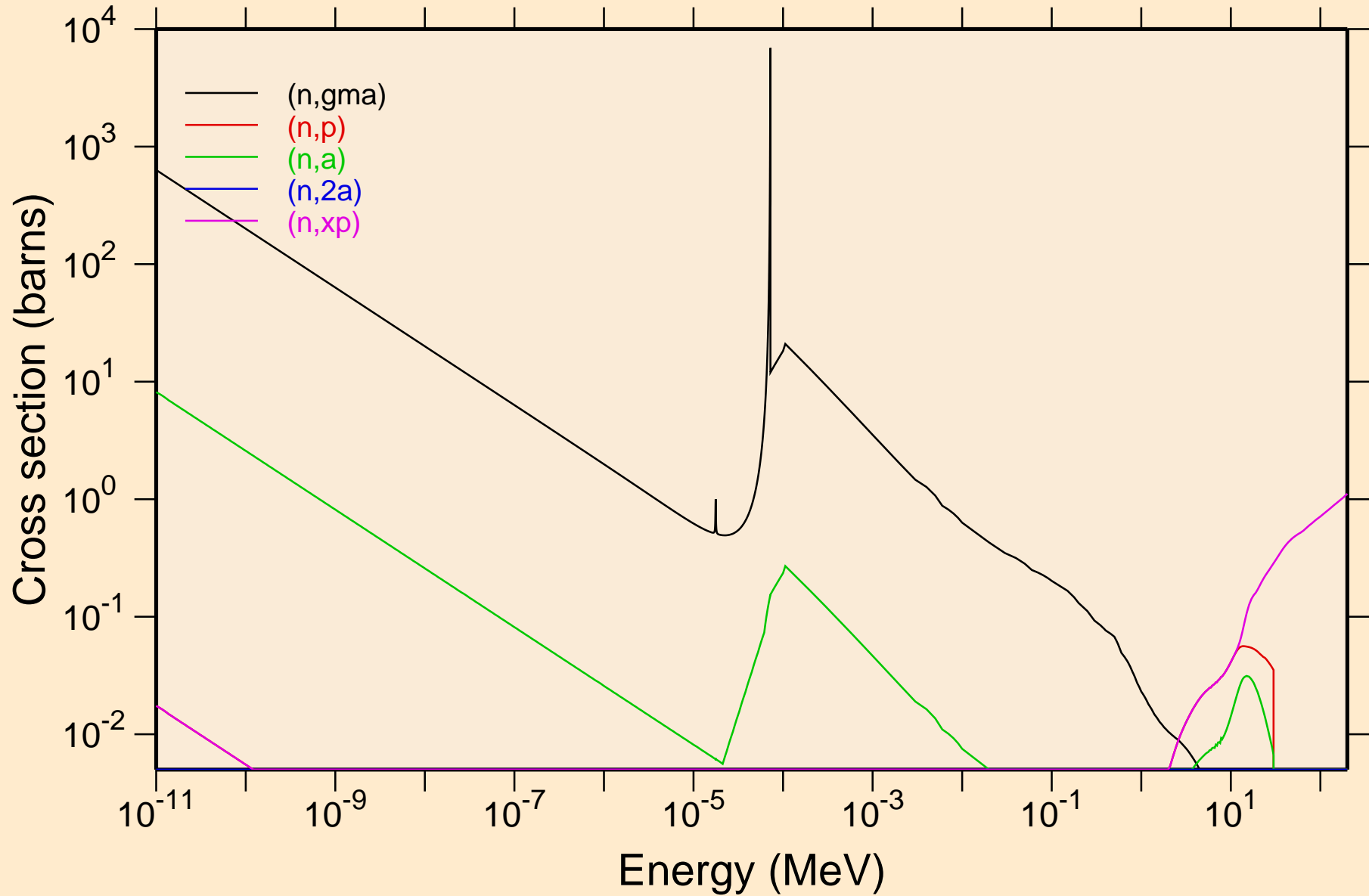
# GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Damage

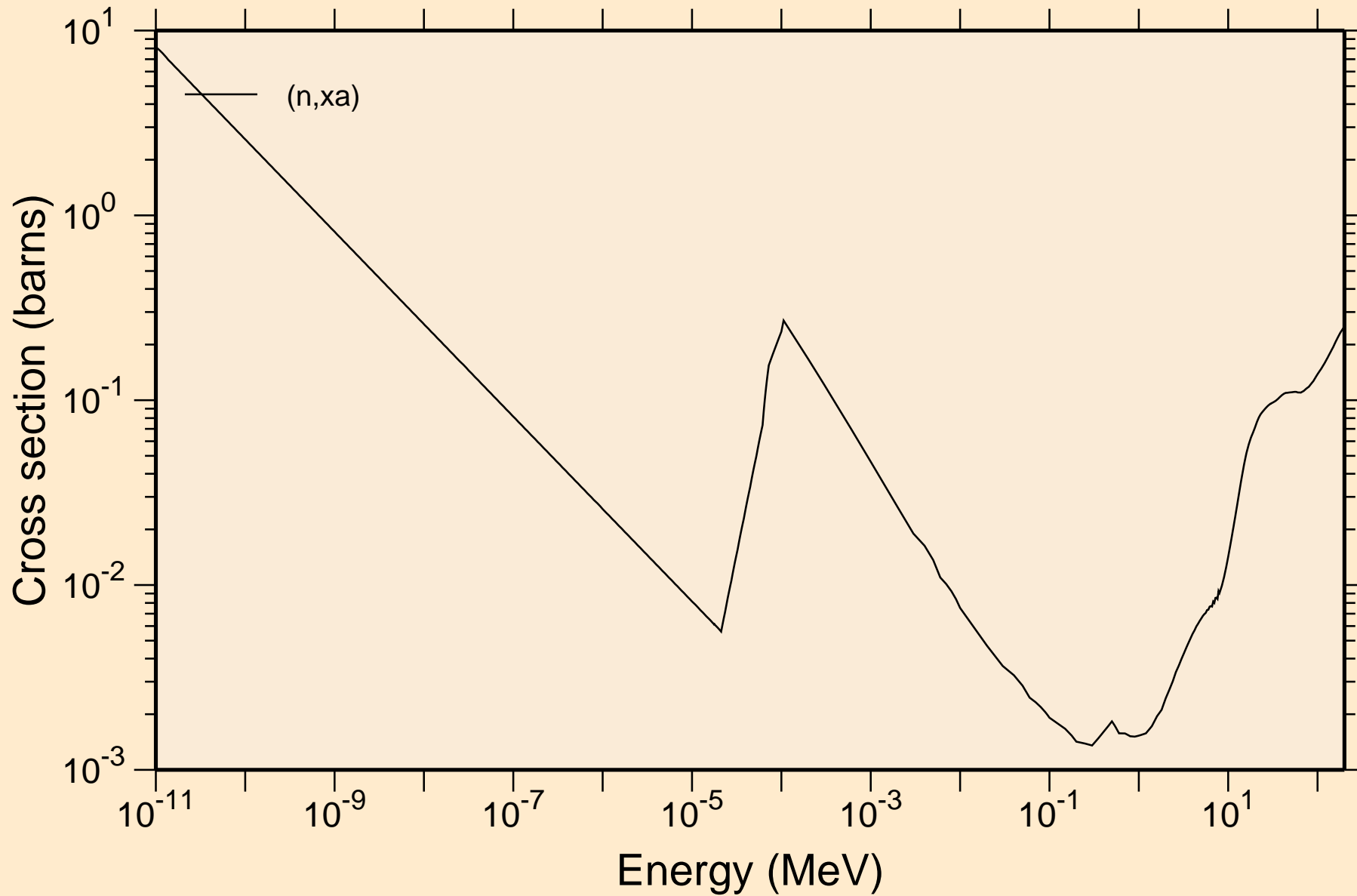


# GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Non-threshold reactions

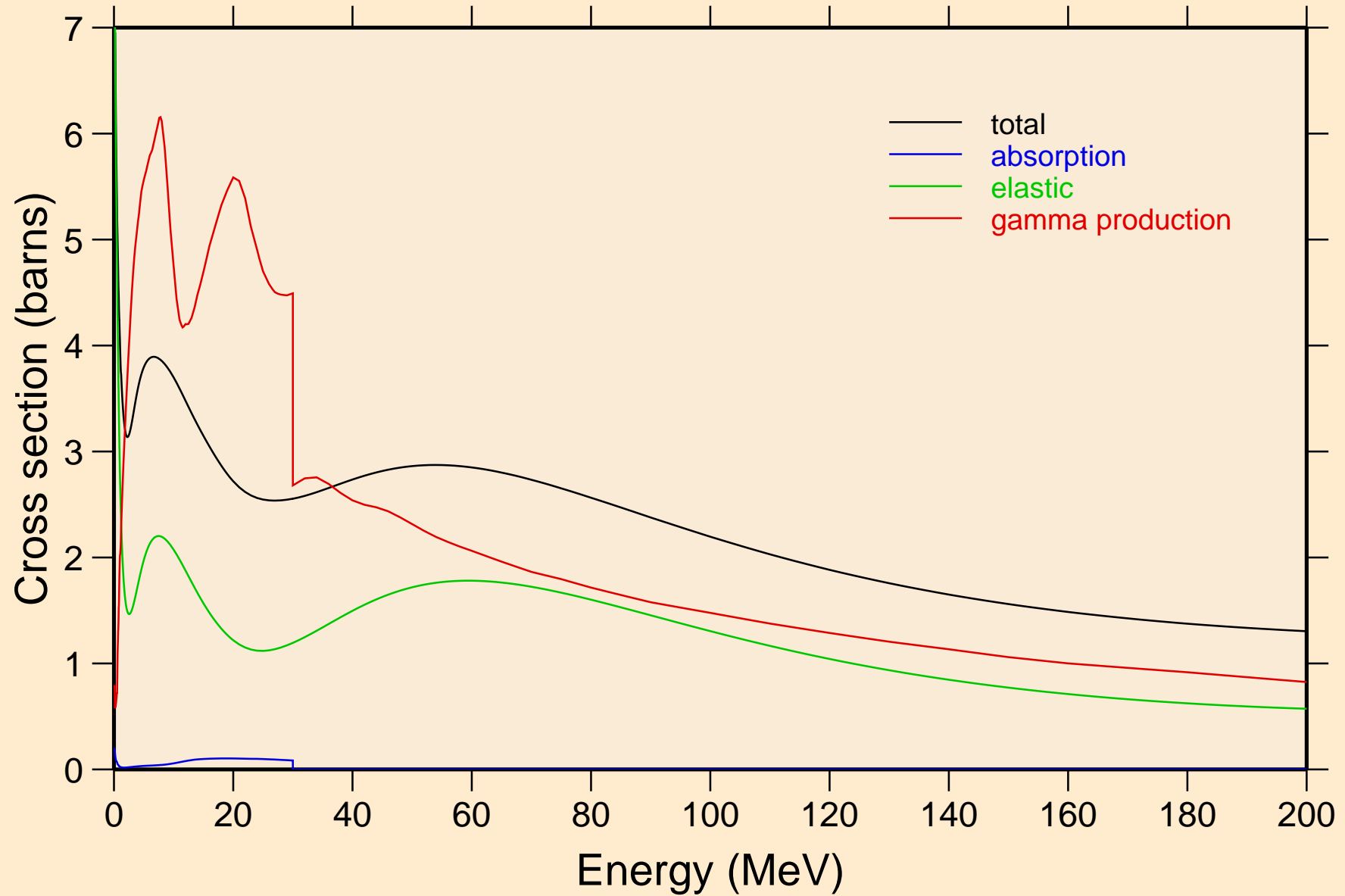


GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



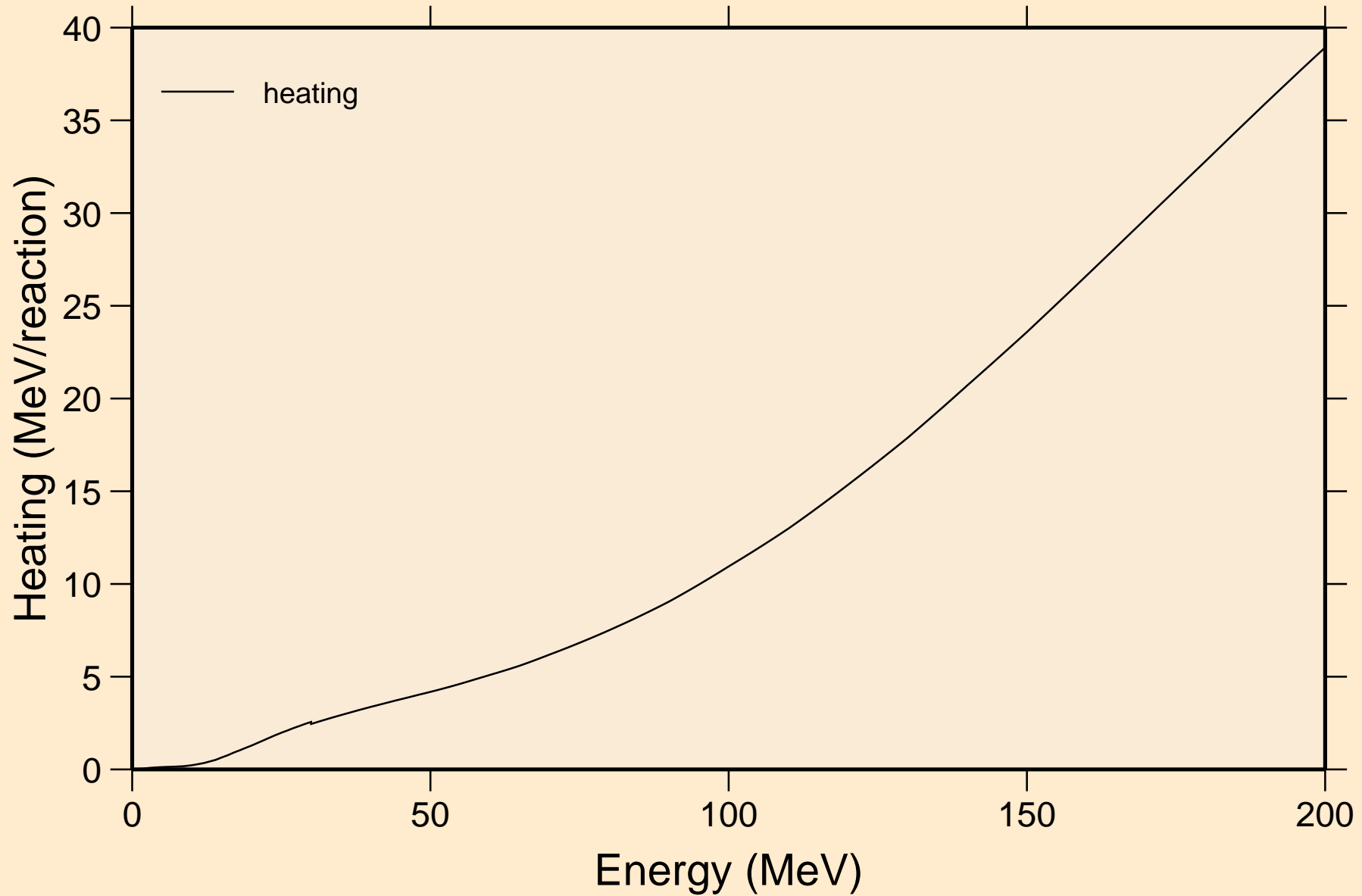
# GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



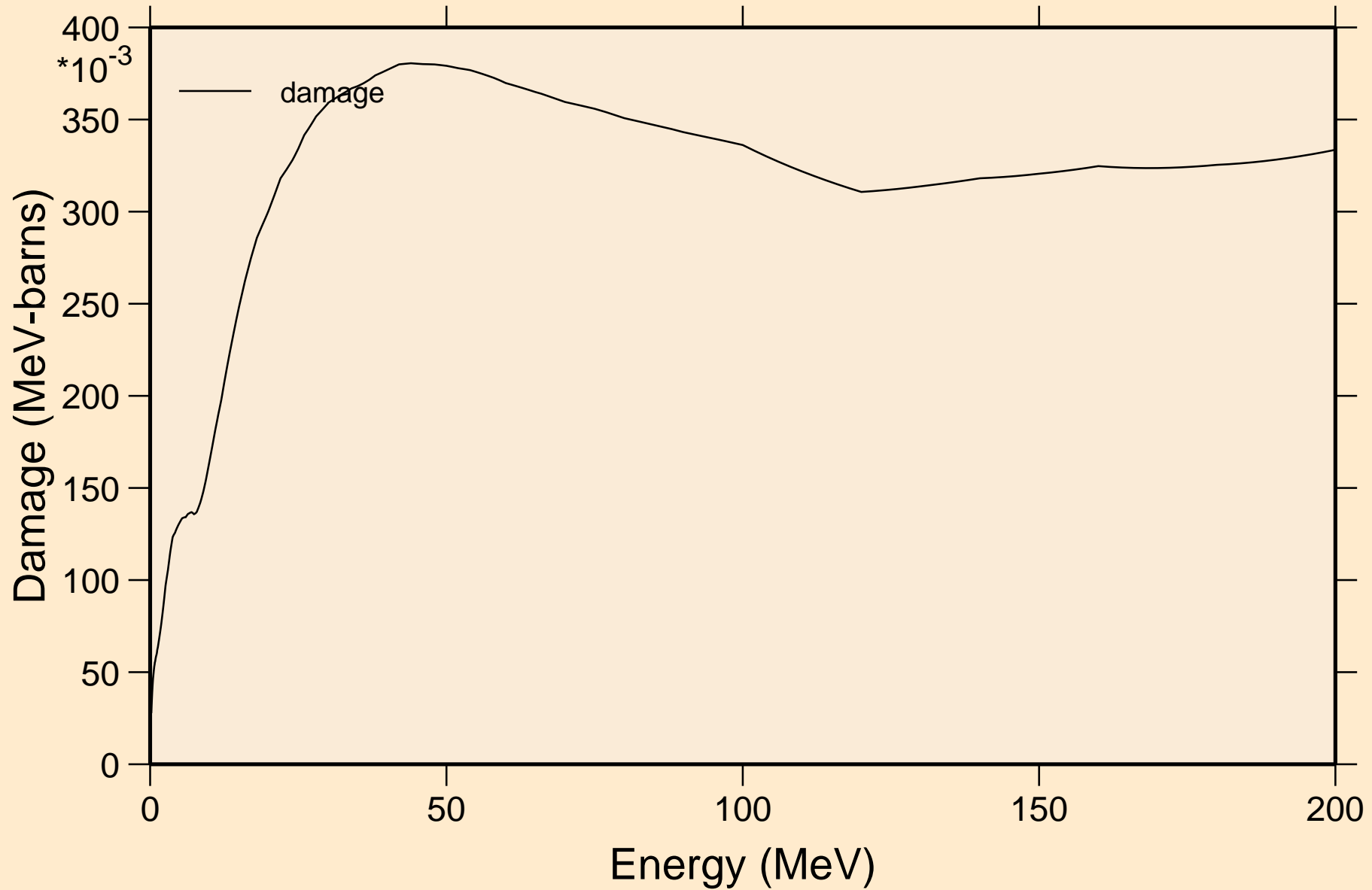
# GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



# GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

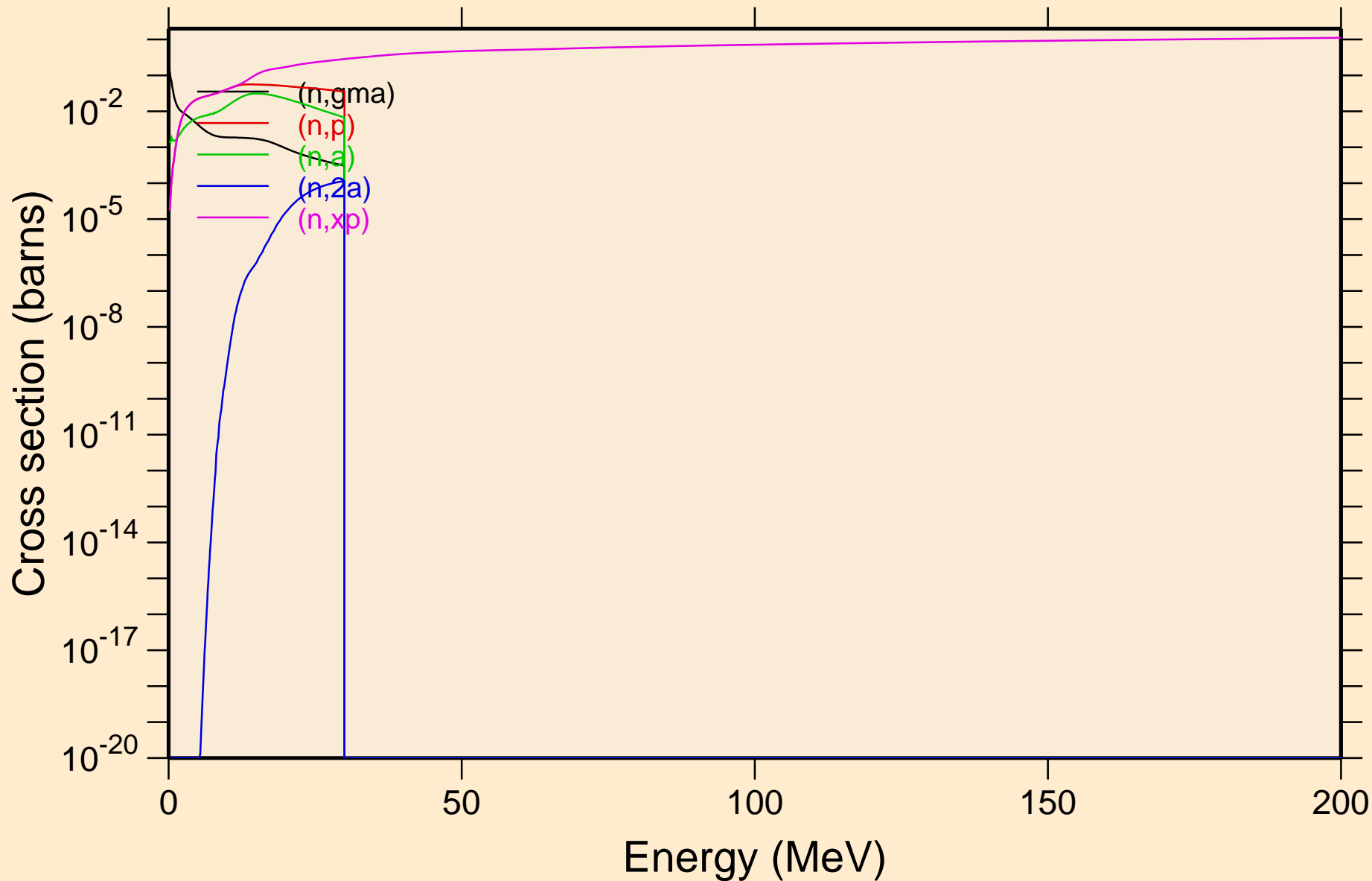
## Damage



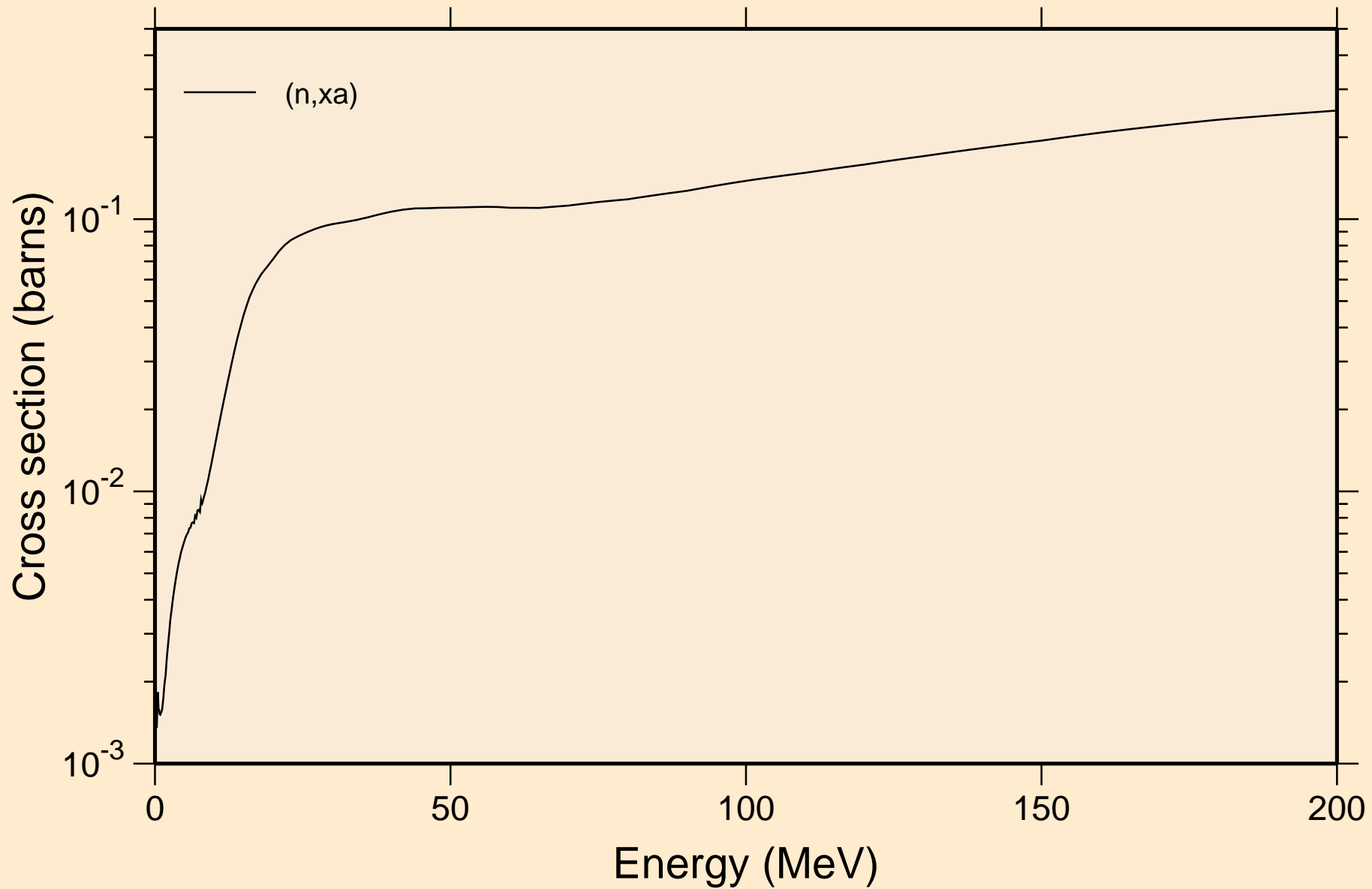


# GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

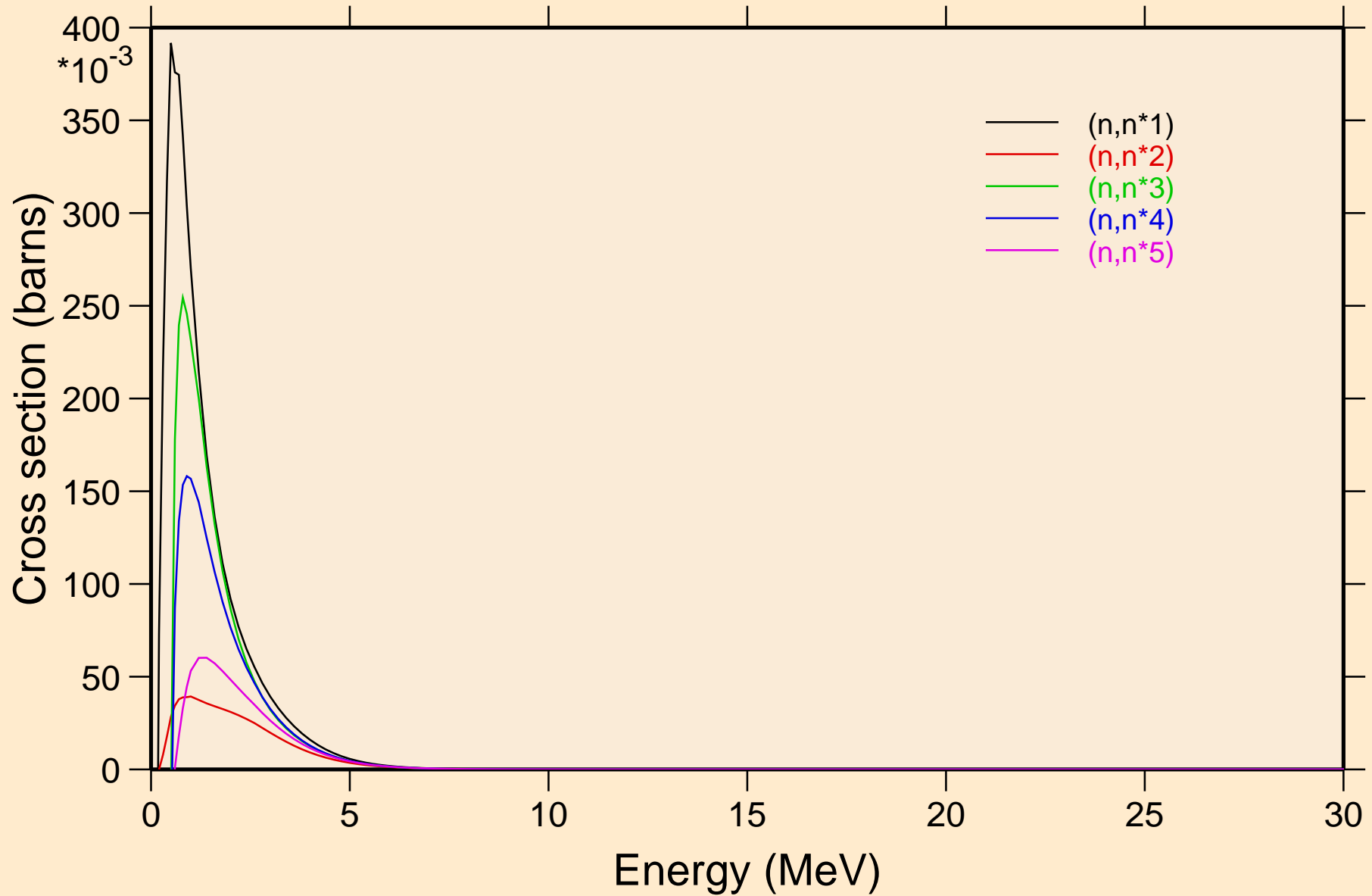
## Non-threshold reactions



GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

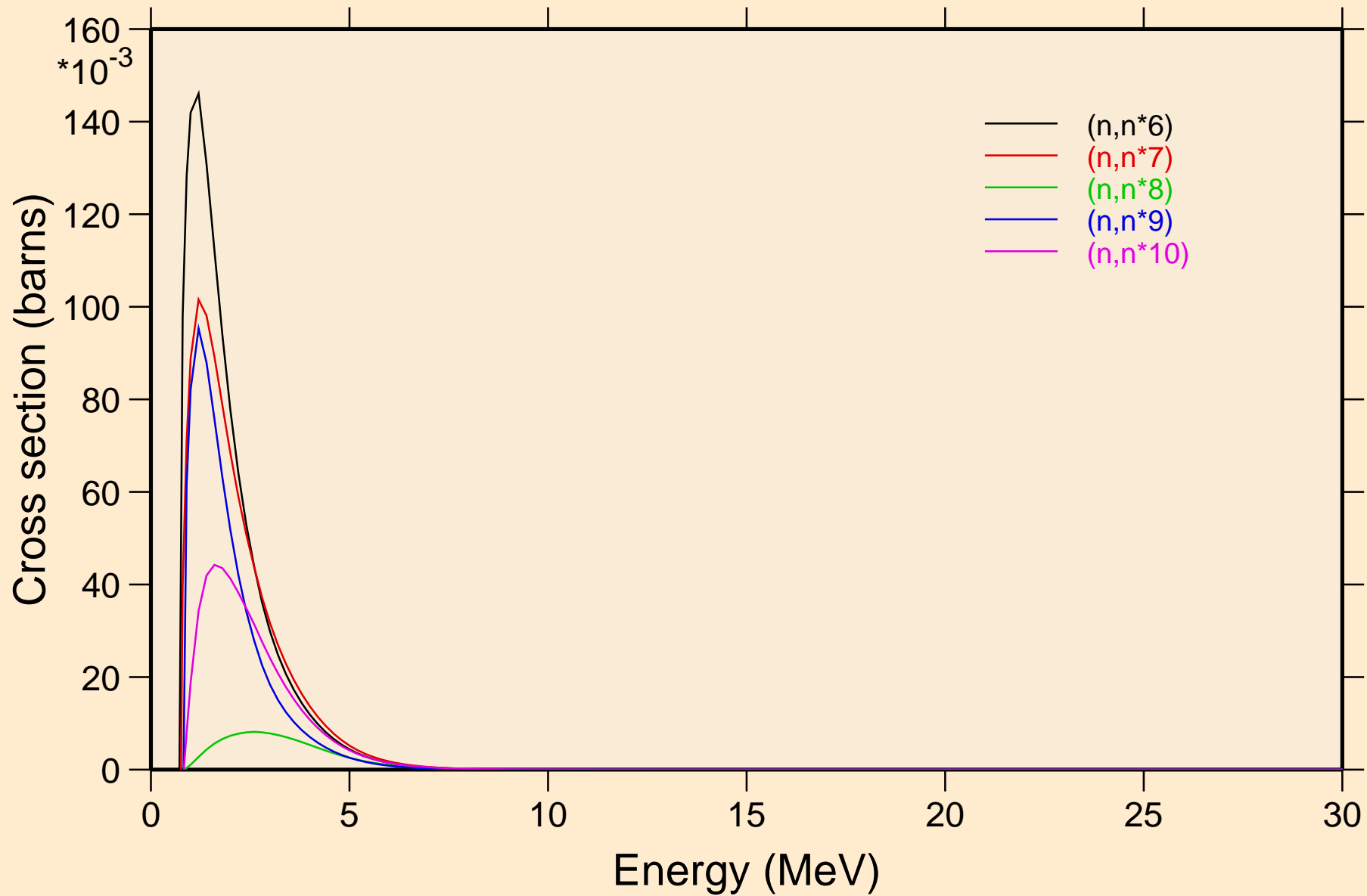


GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

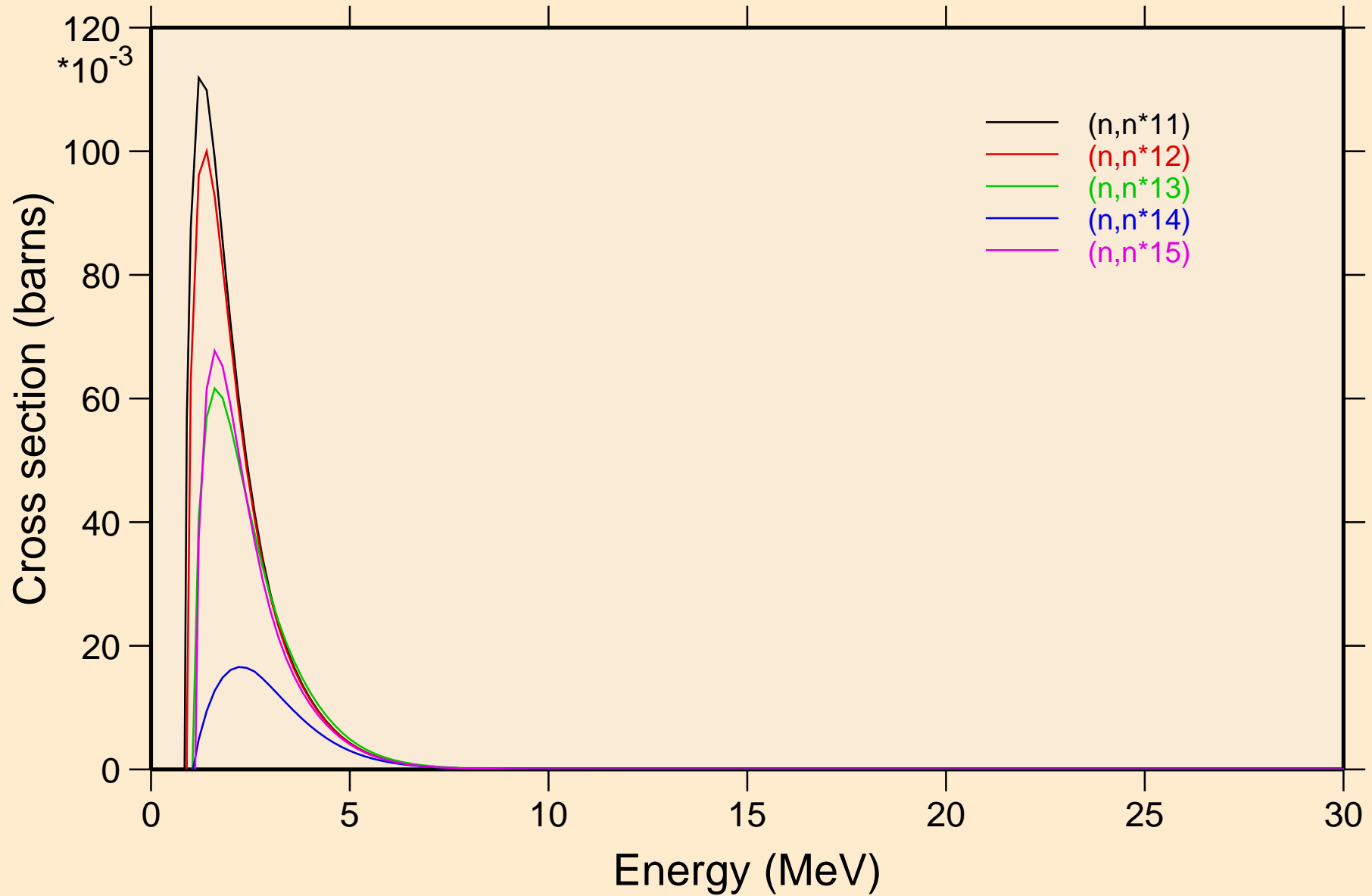


# GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

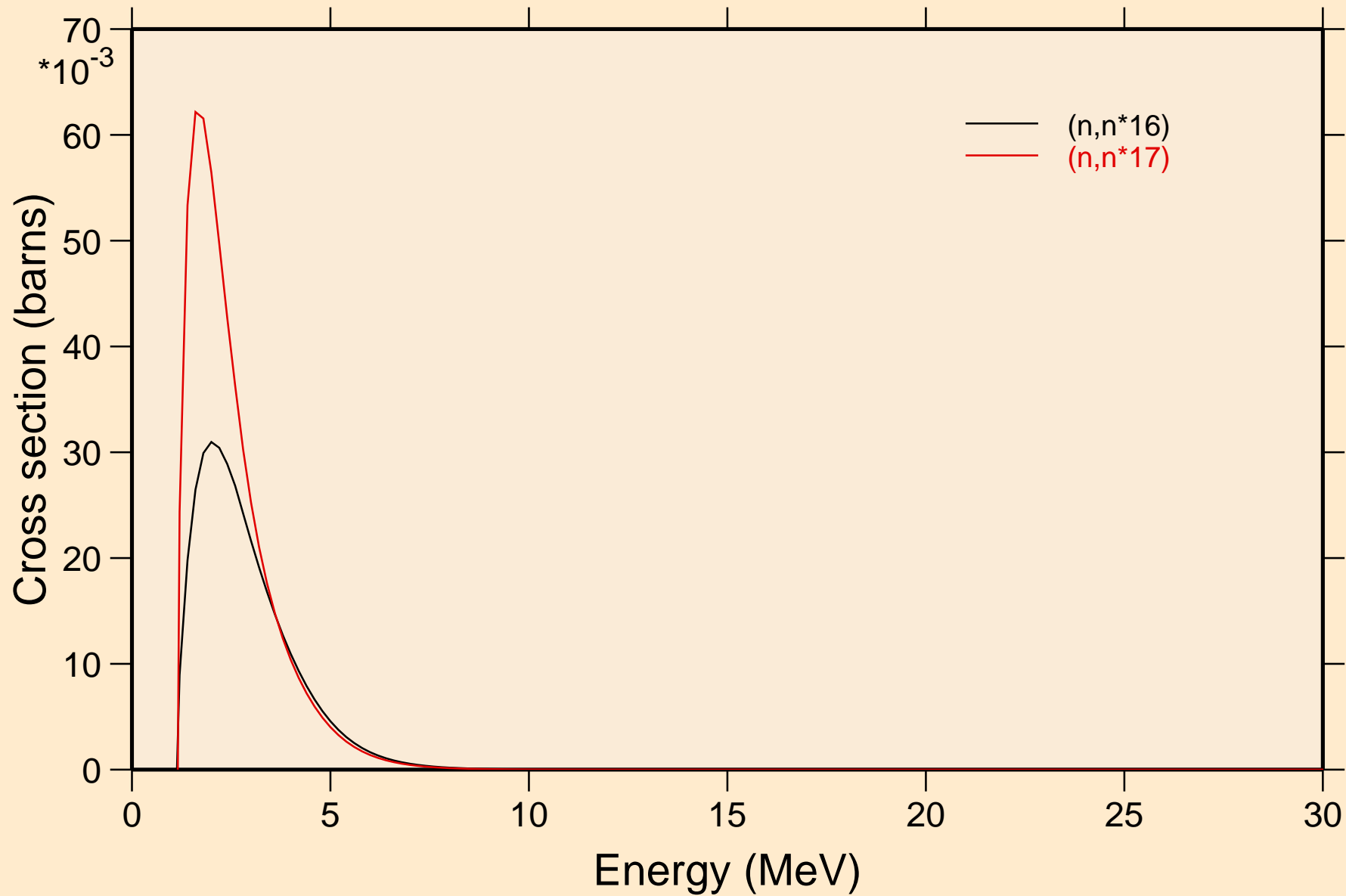
## Inelastic levels



GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

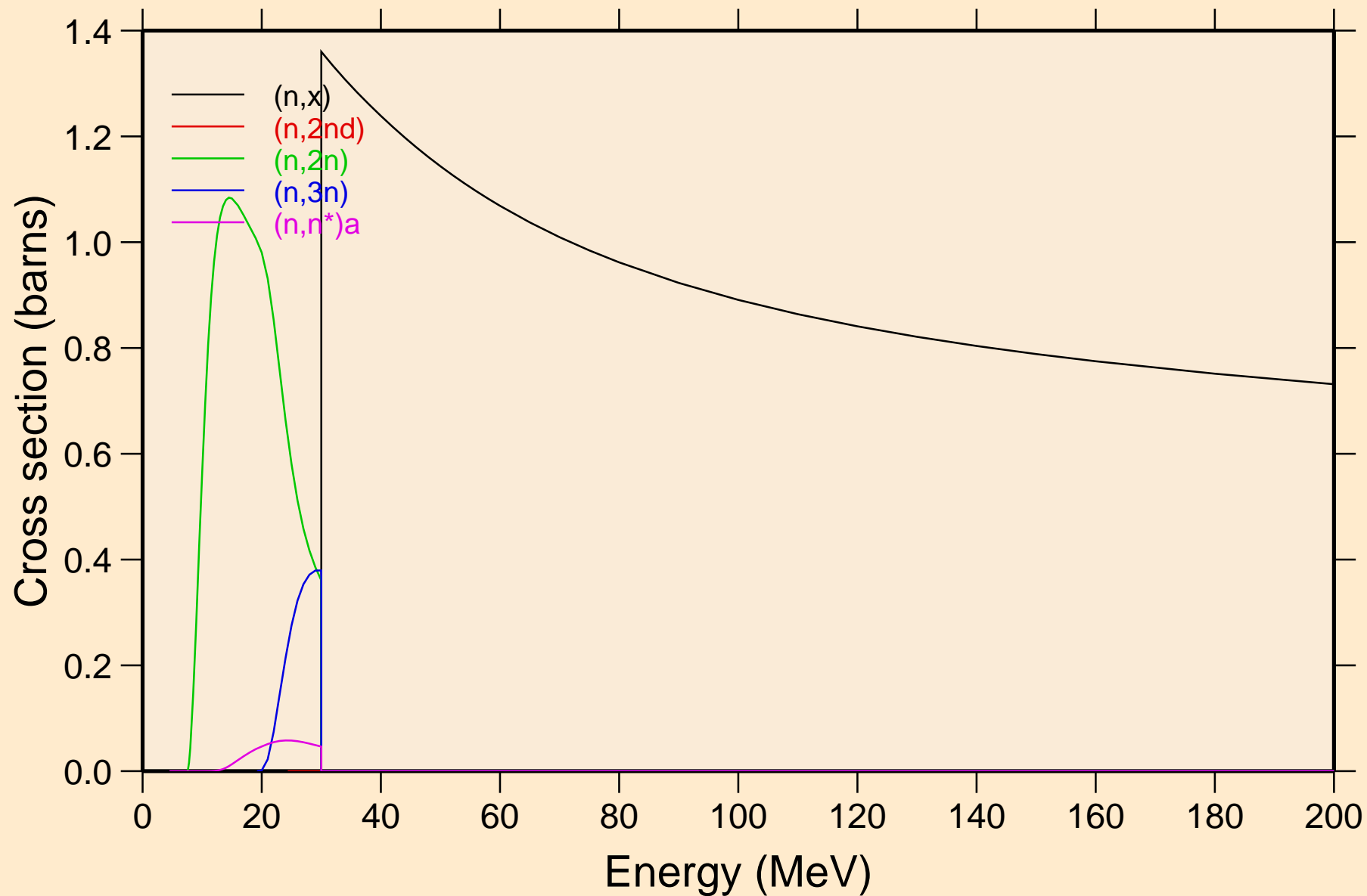


GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



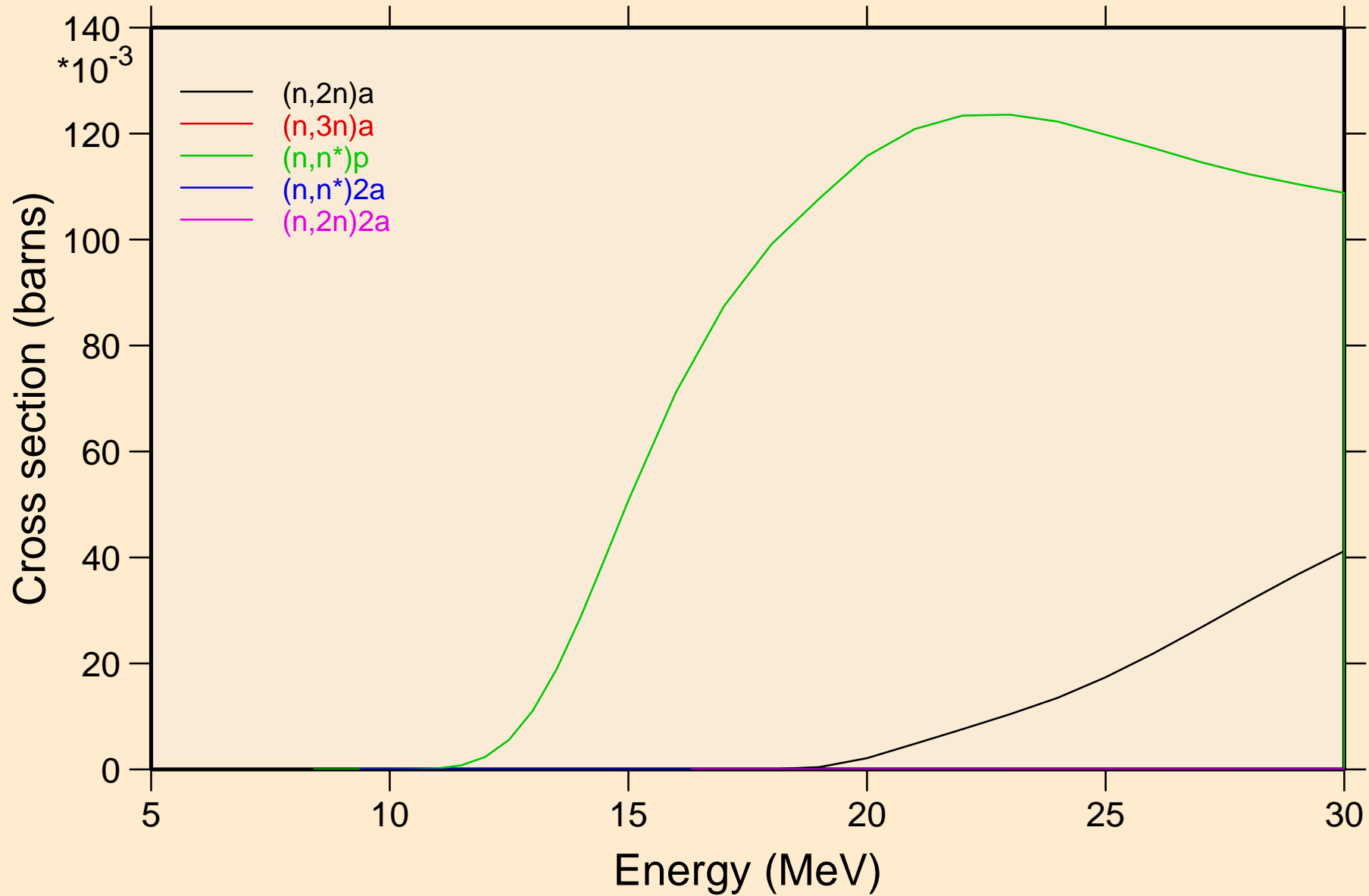
# GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



# GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

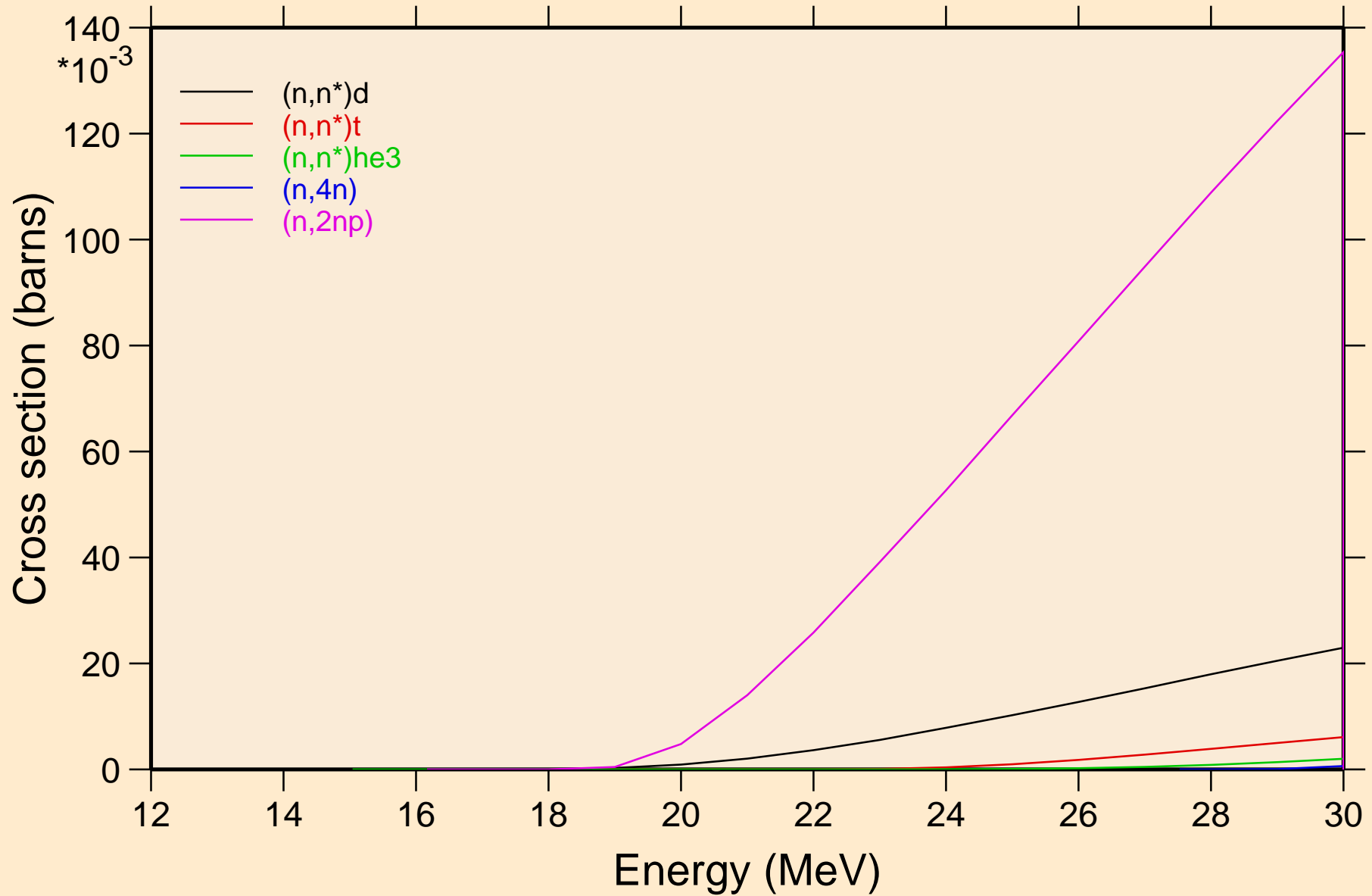
## Threshold reactions



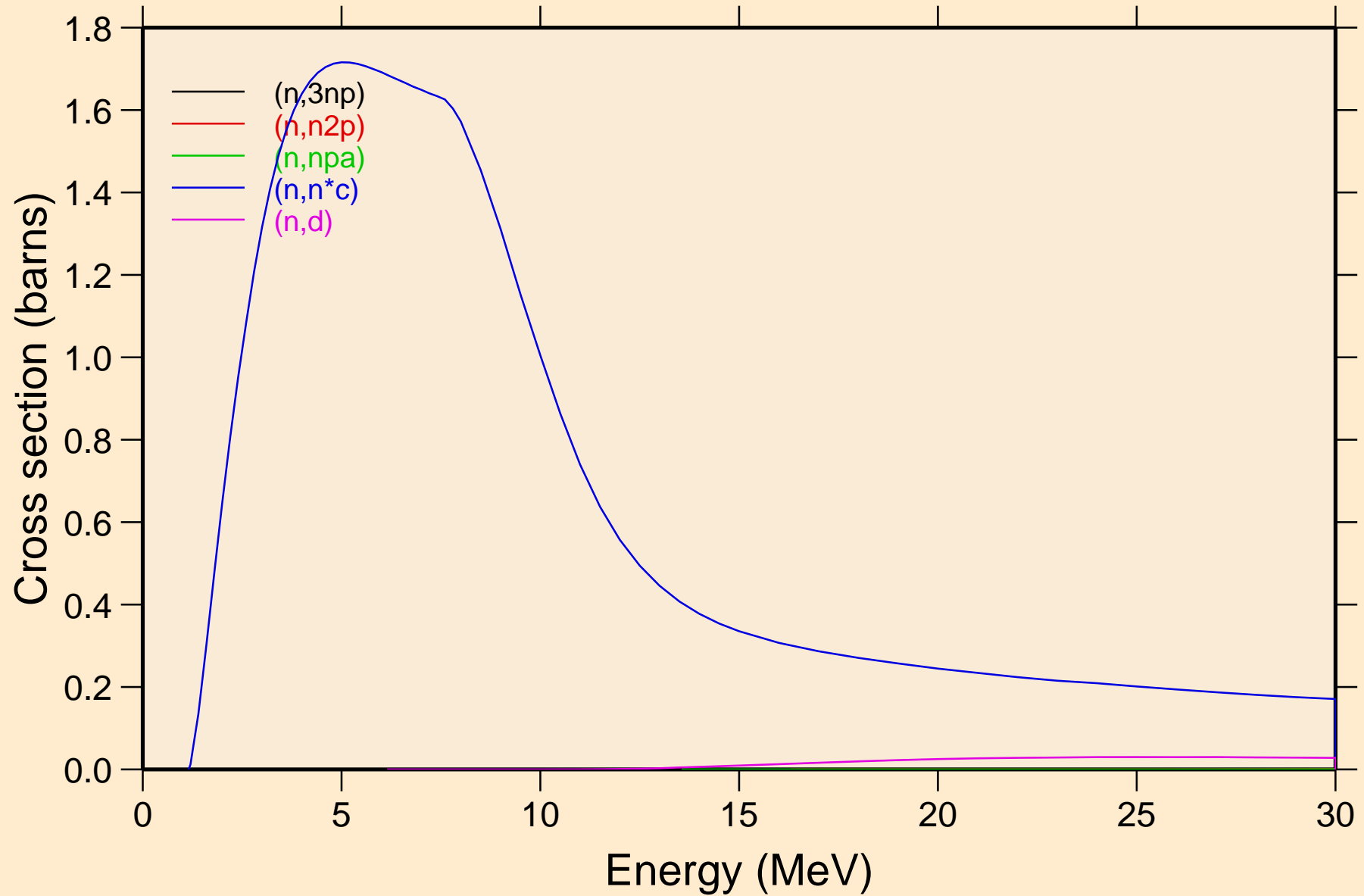


# GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

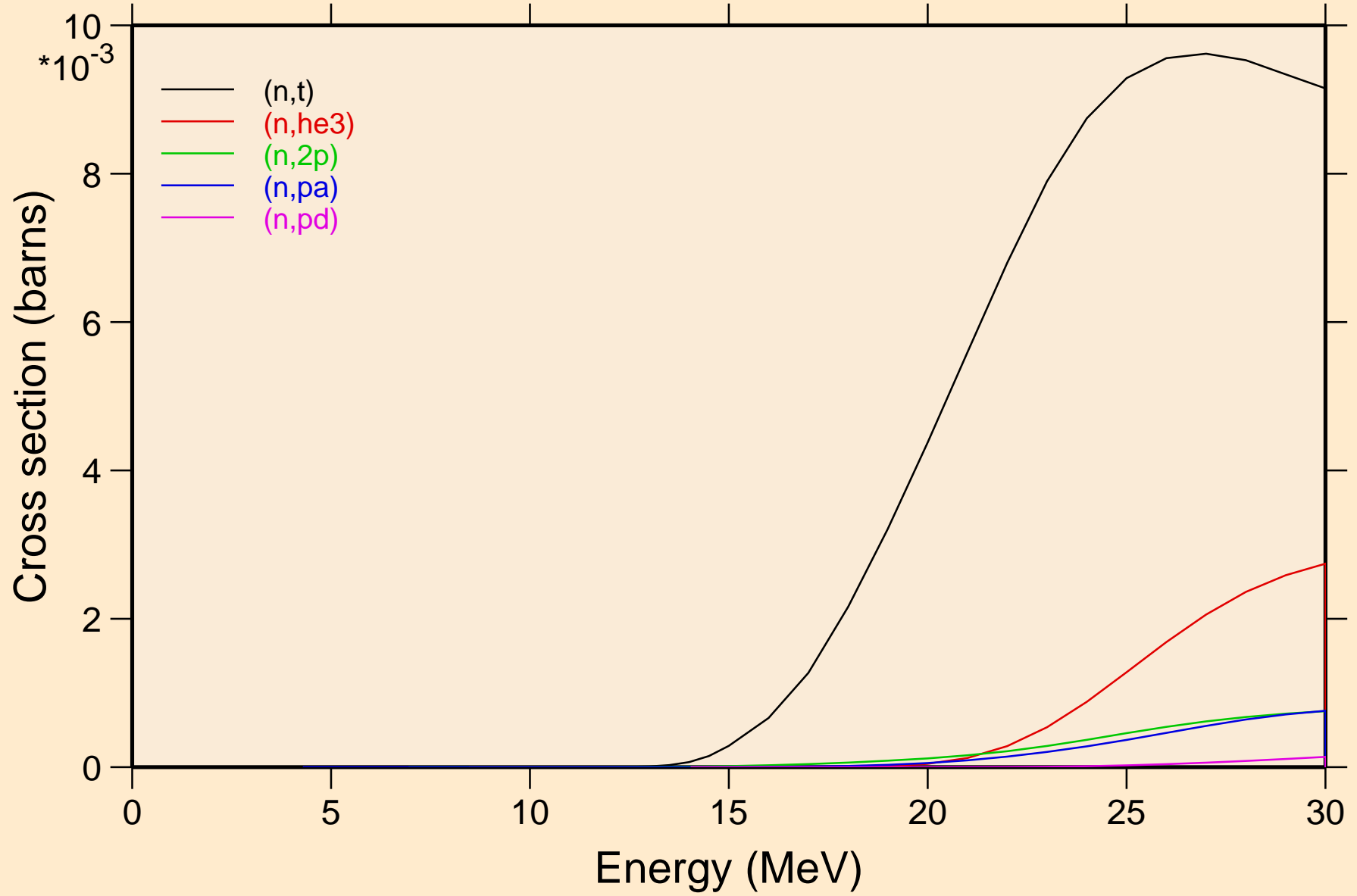


GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



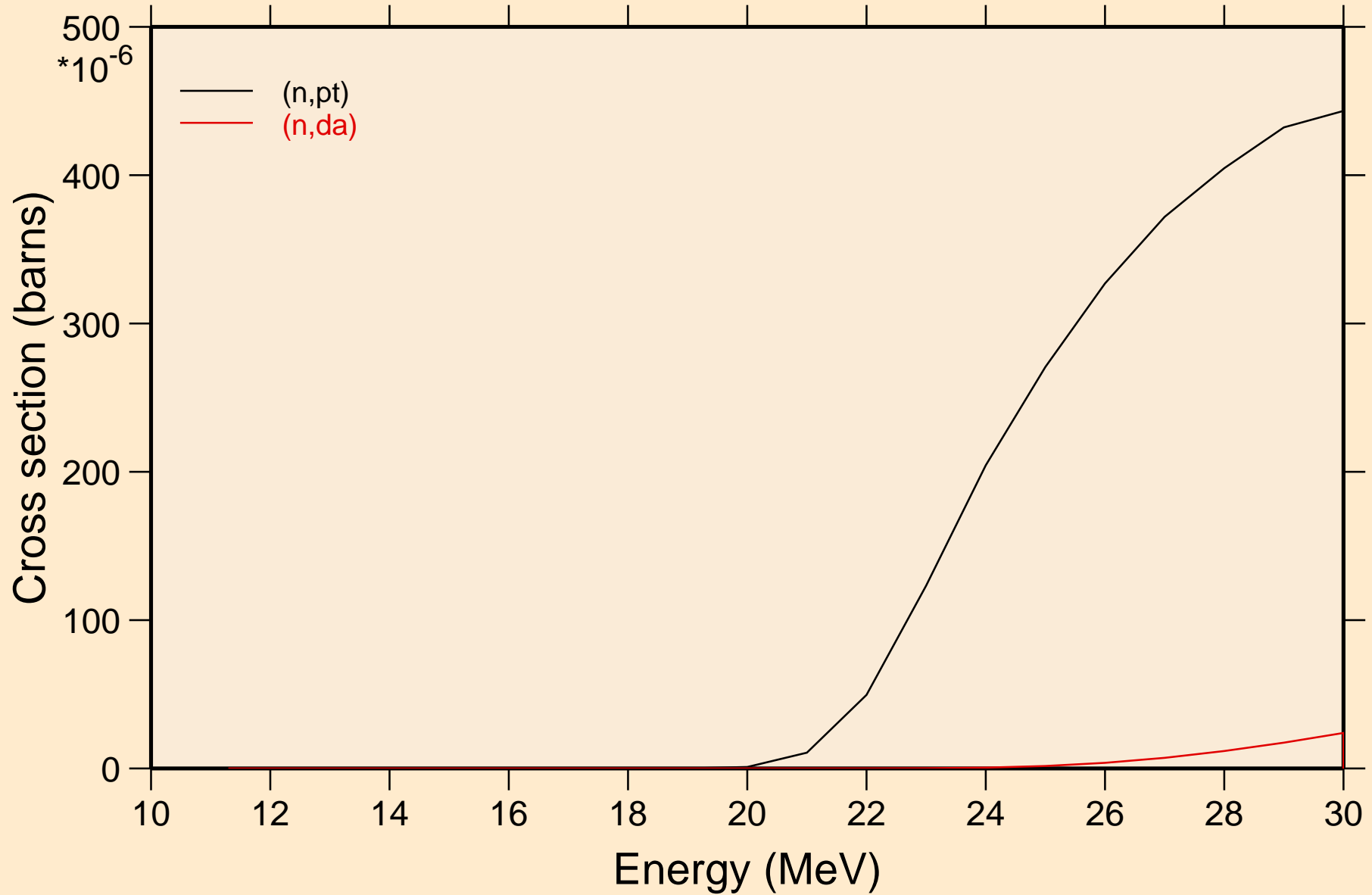
# GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



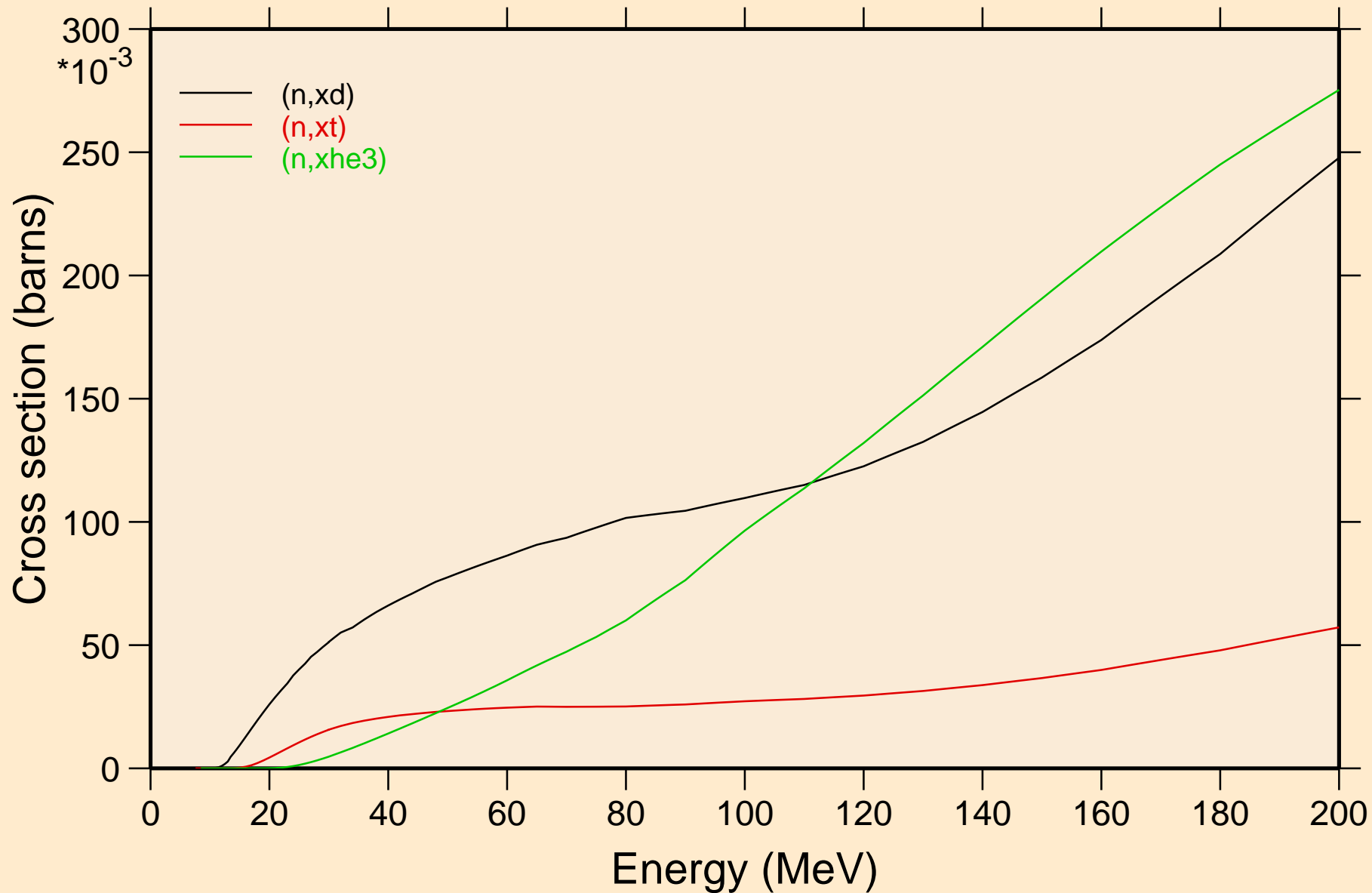
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## Threshold reactions

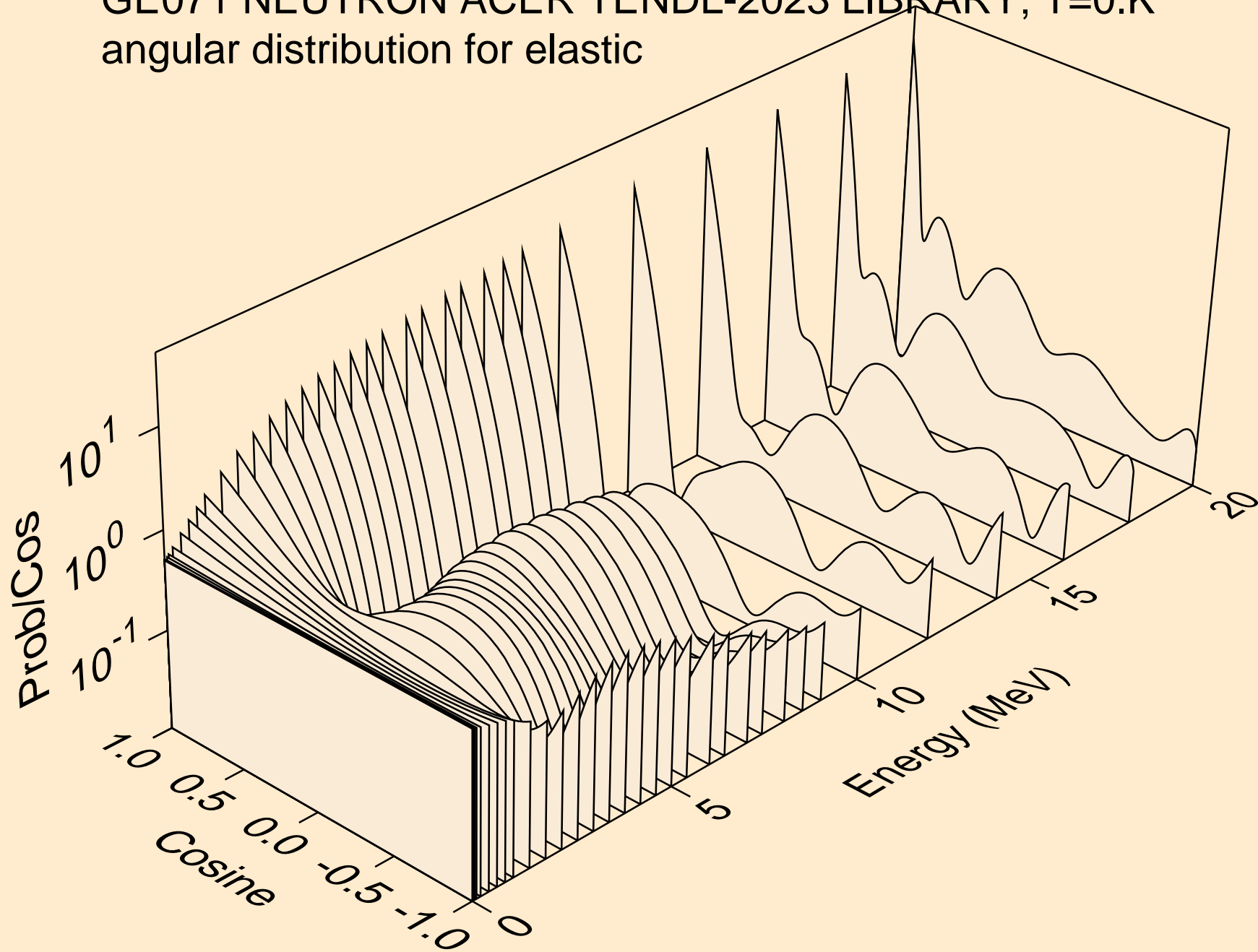


# GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

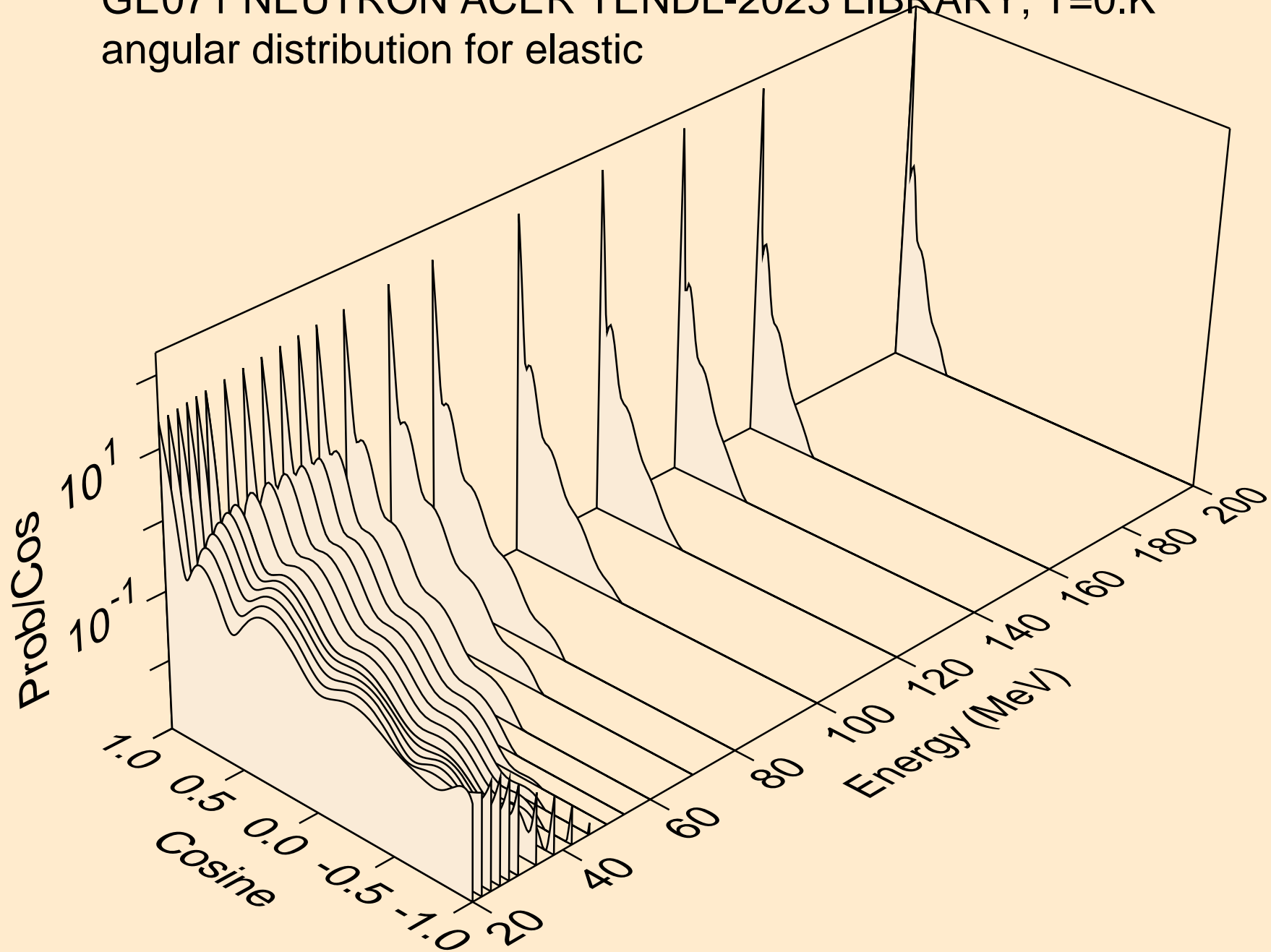
## Threshold reactions



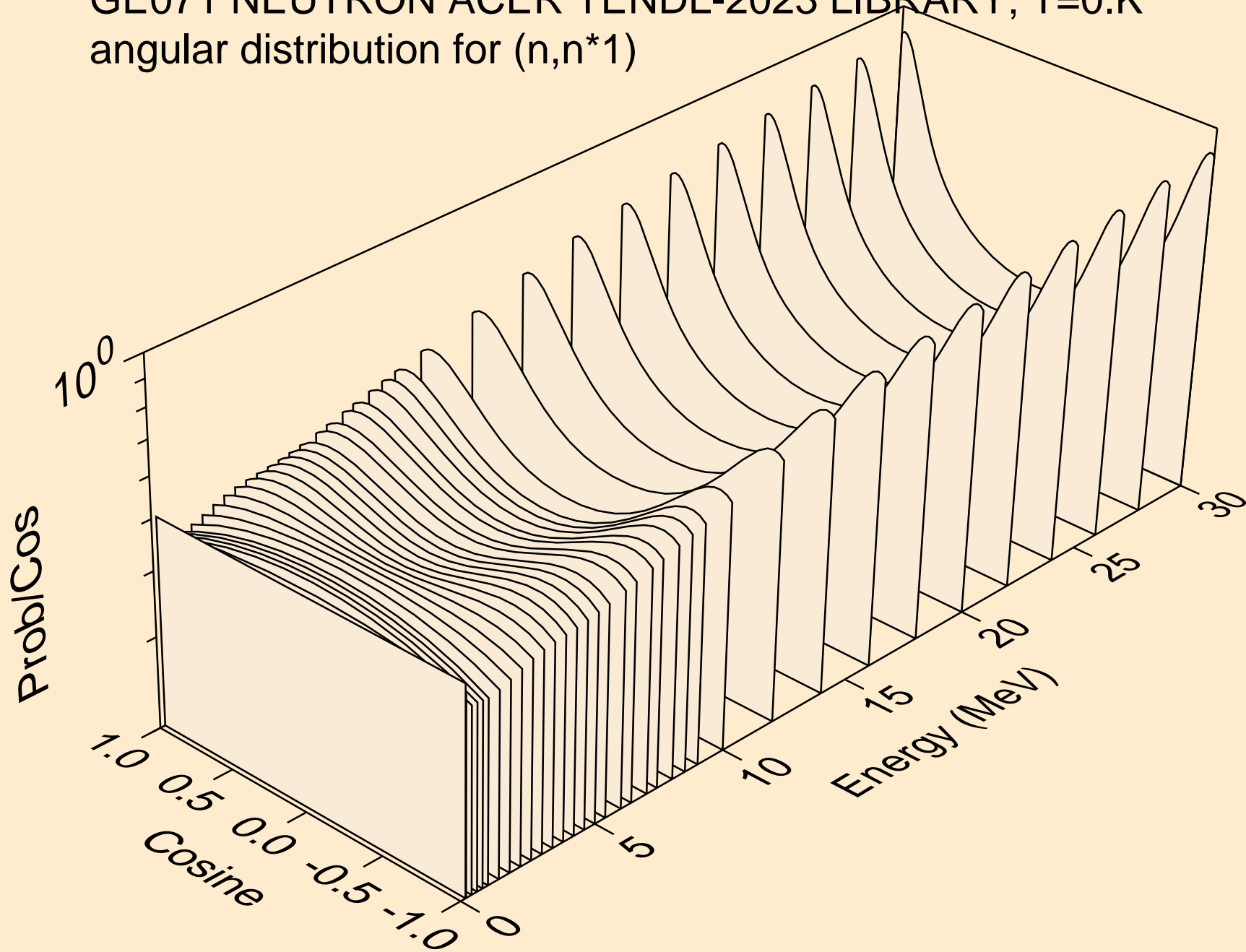
GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

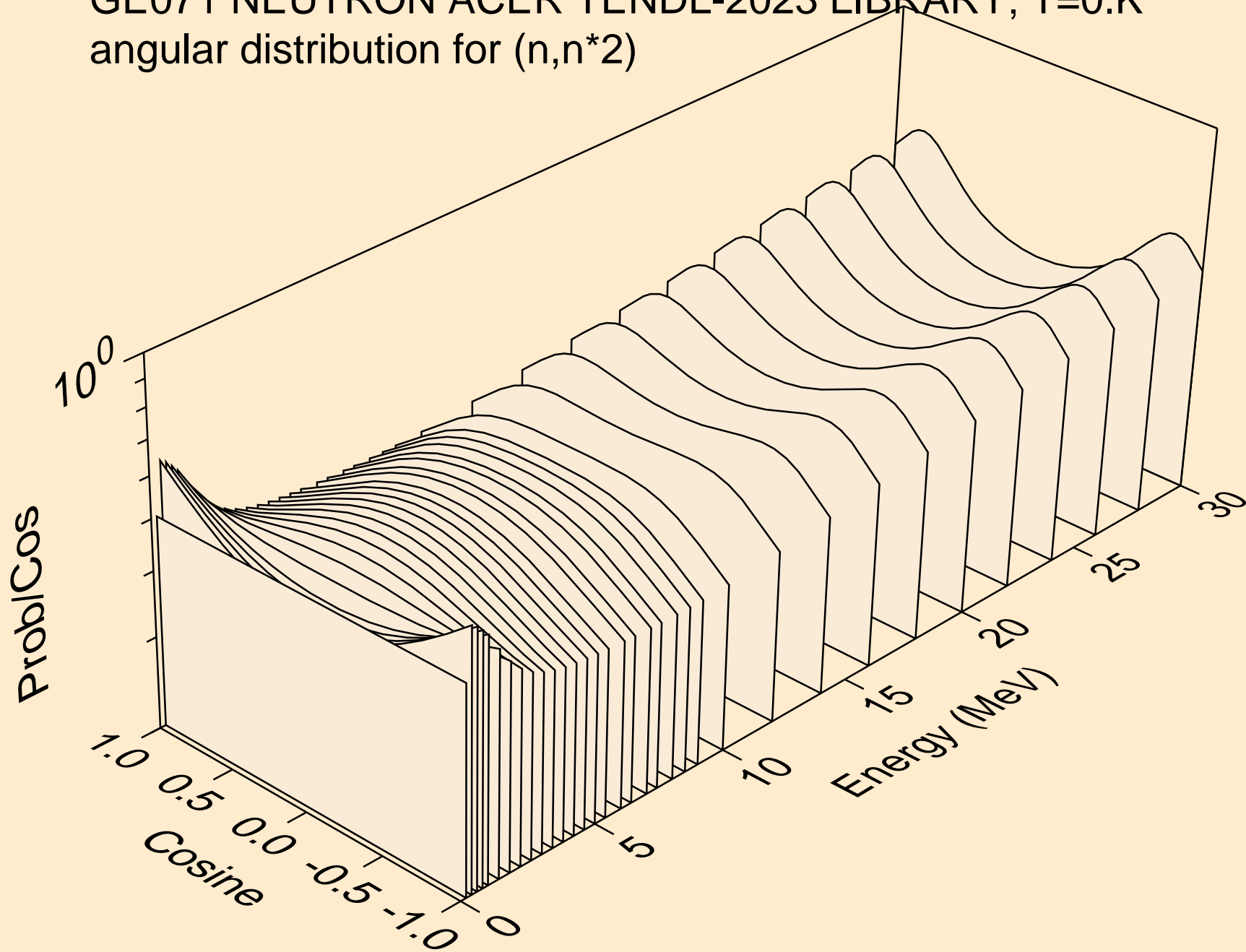


GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

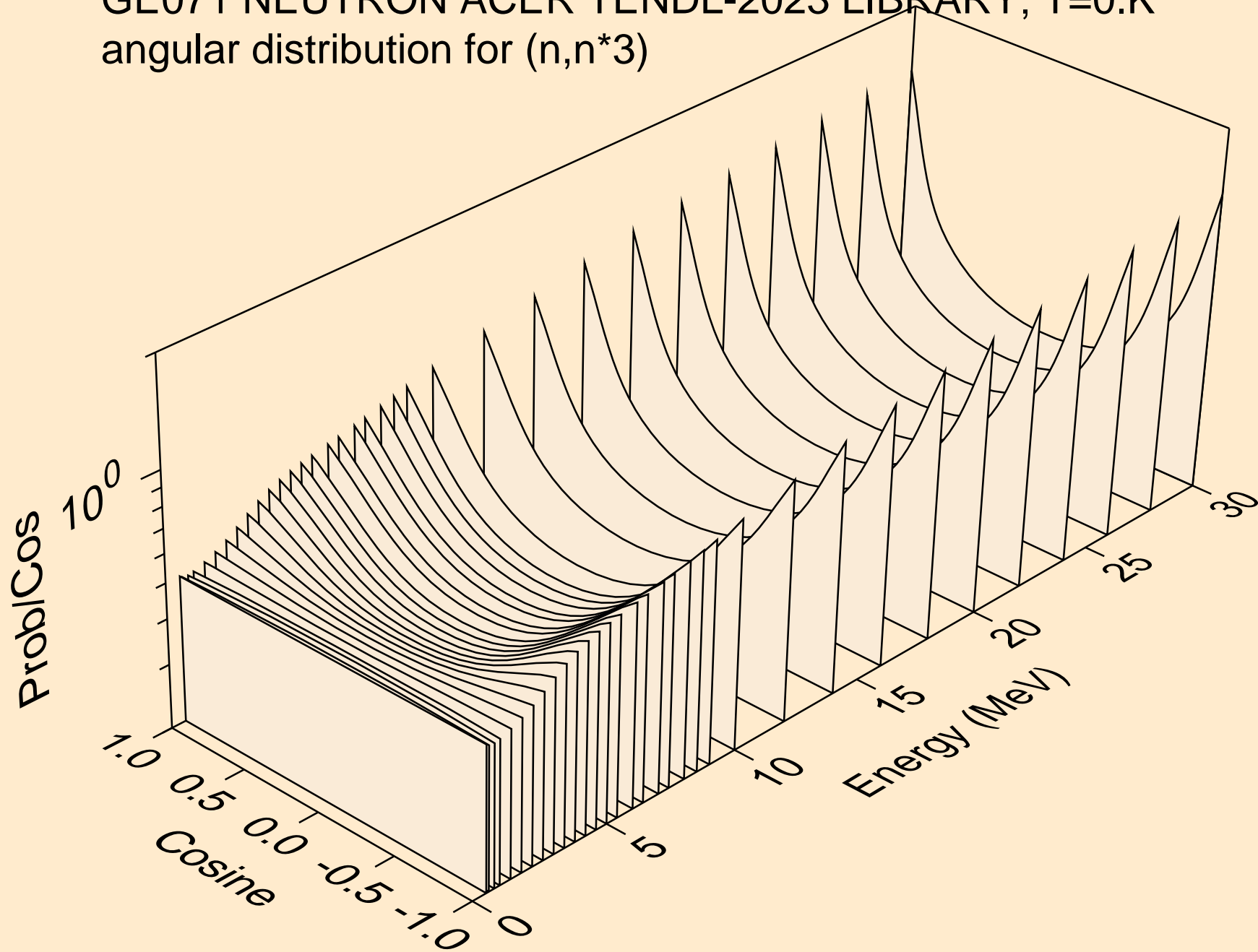




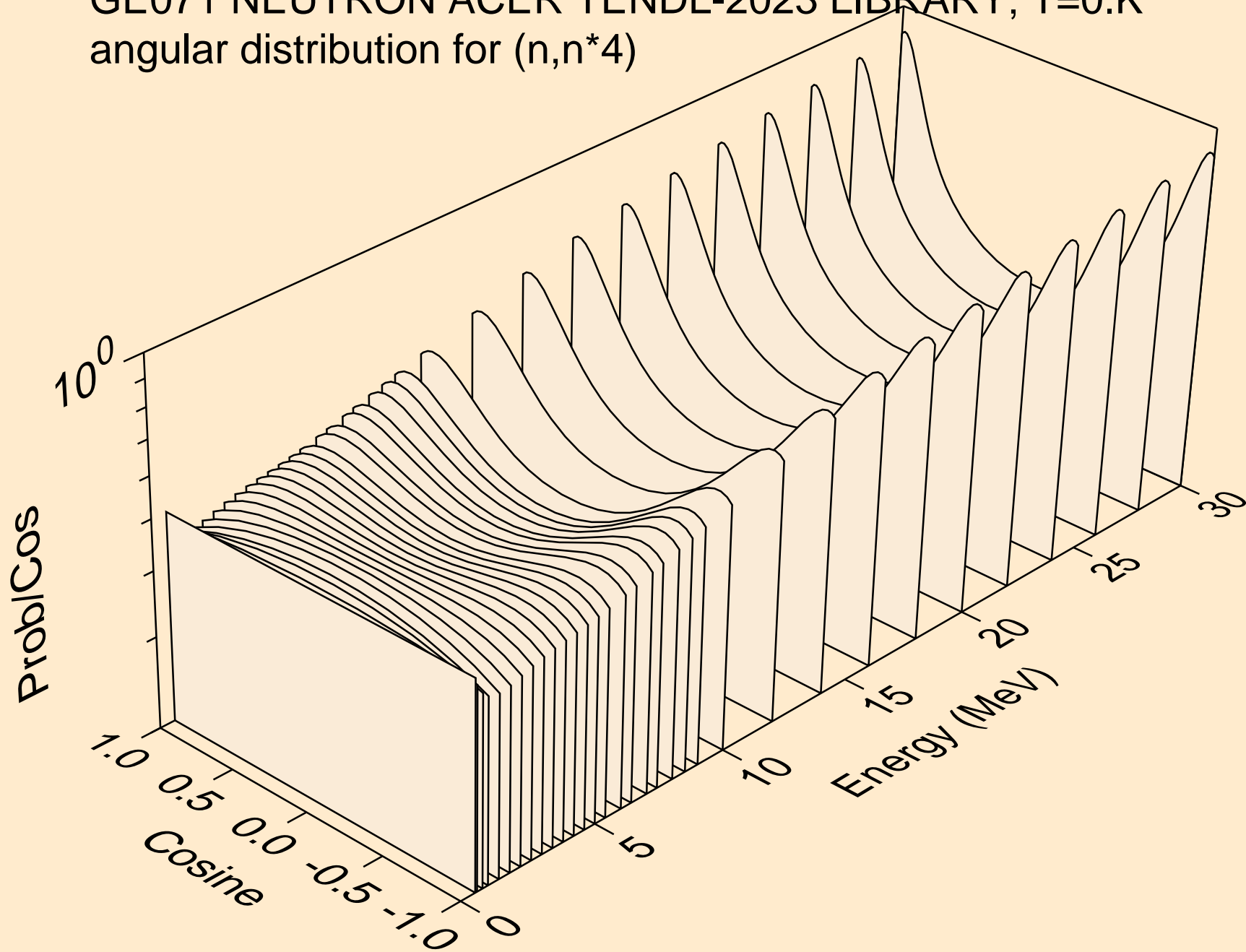
GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



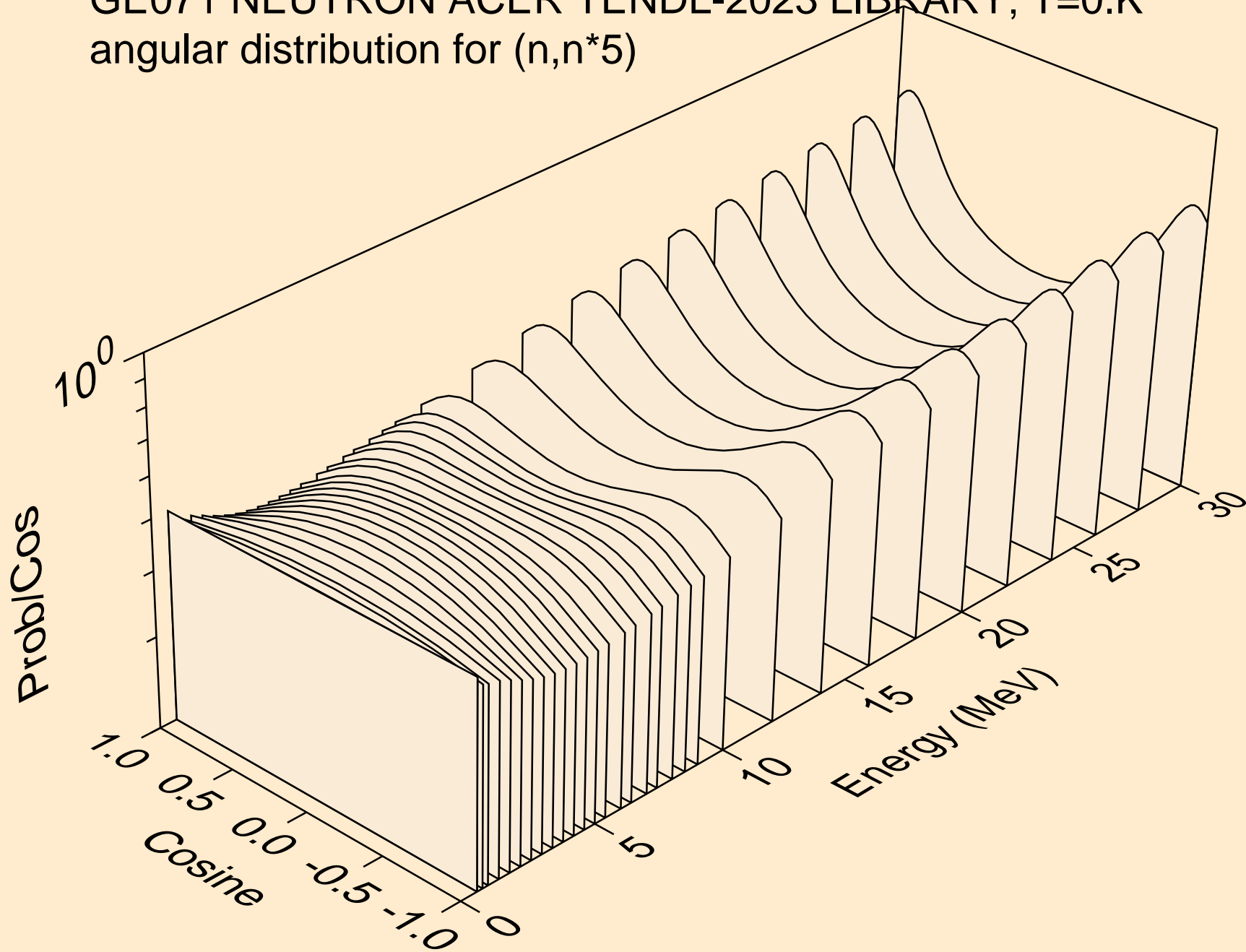
GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



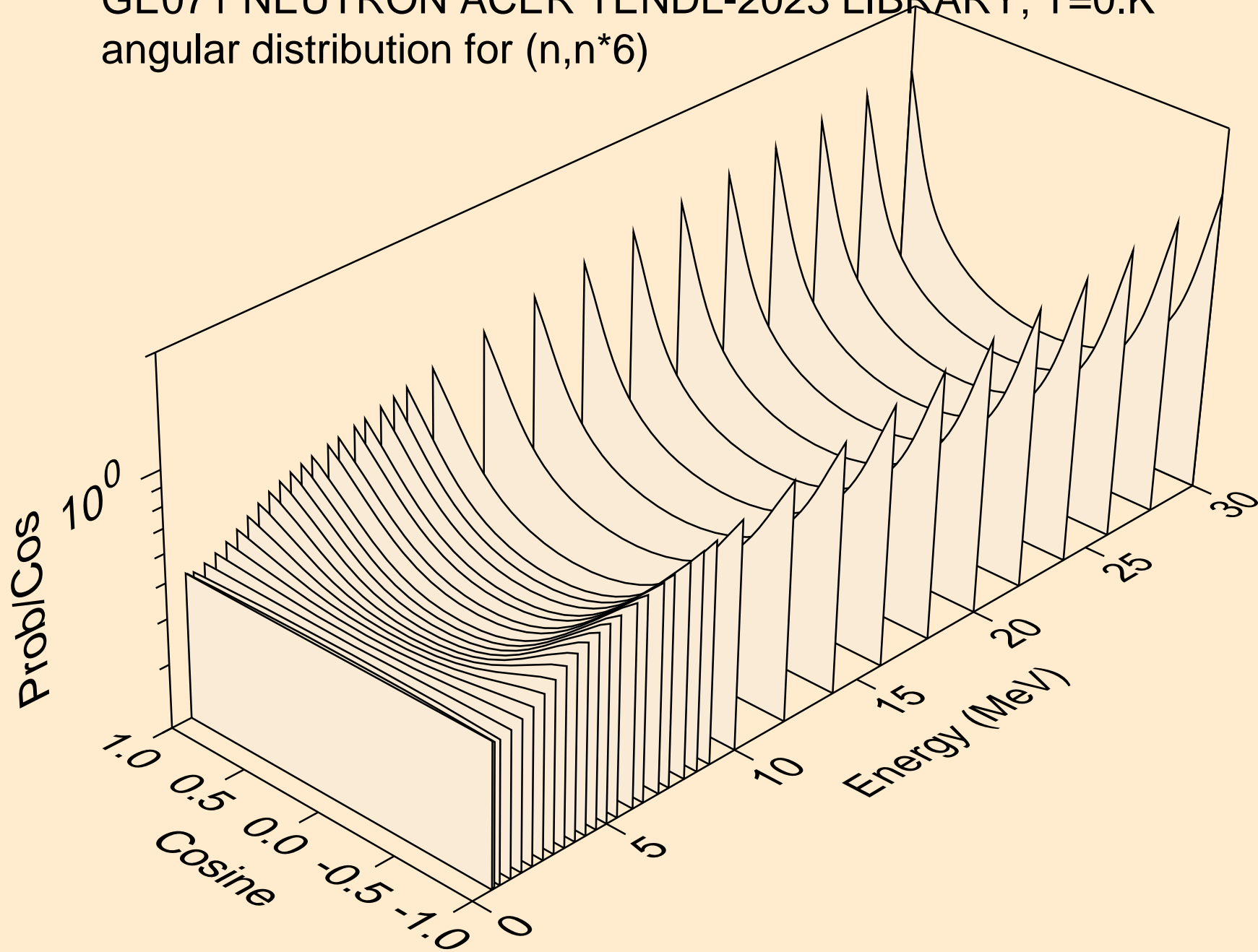
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angular distribution for (n,n\*4)



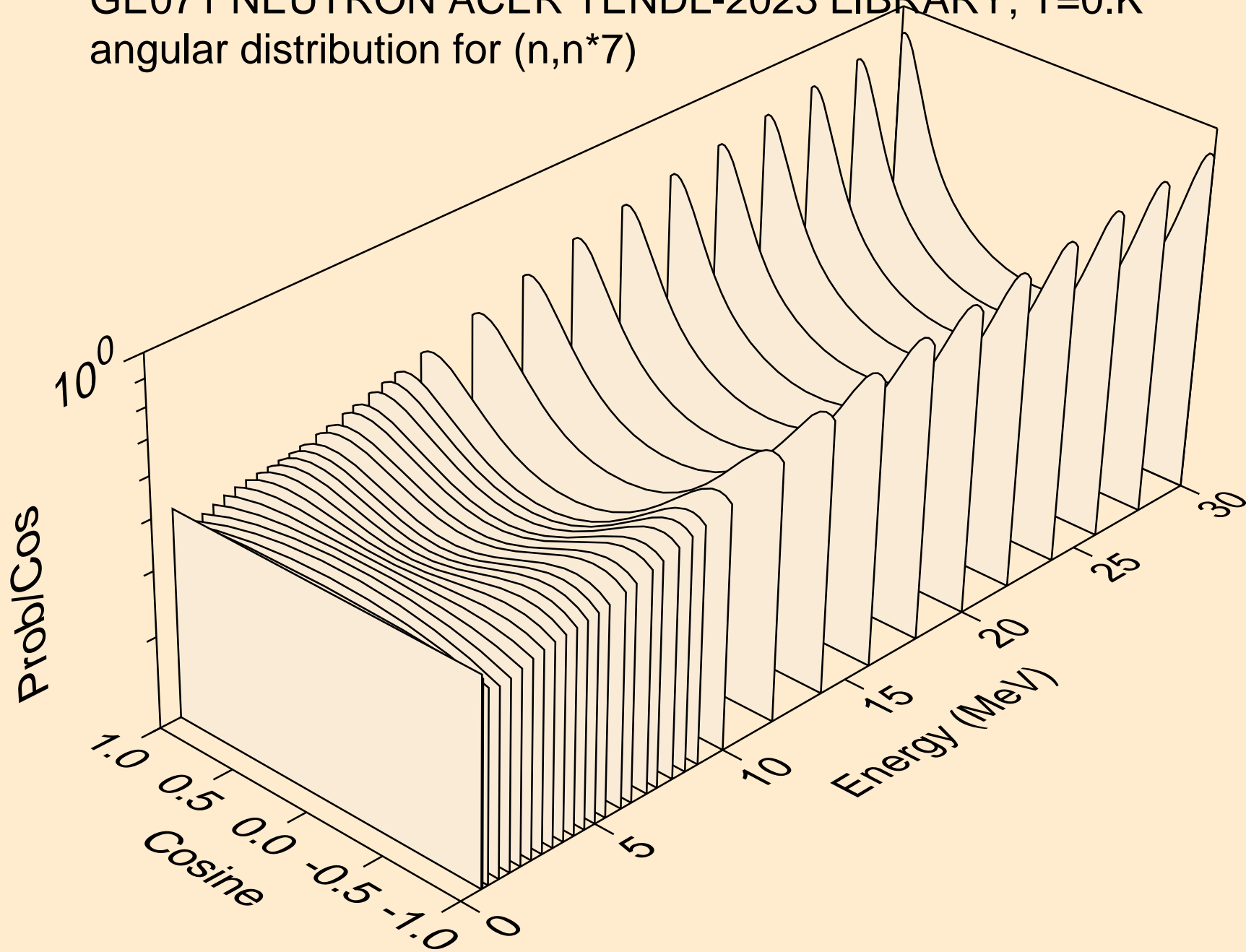
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angular distribution for (n,n\*5)



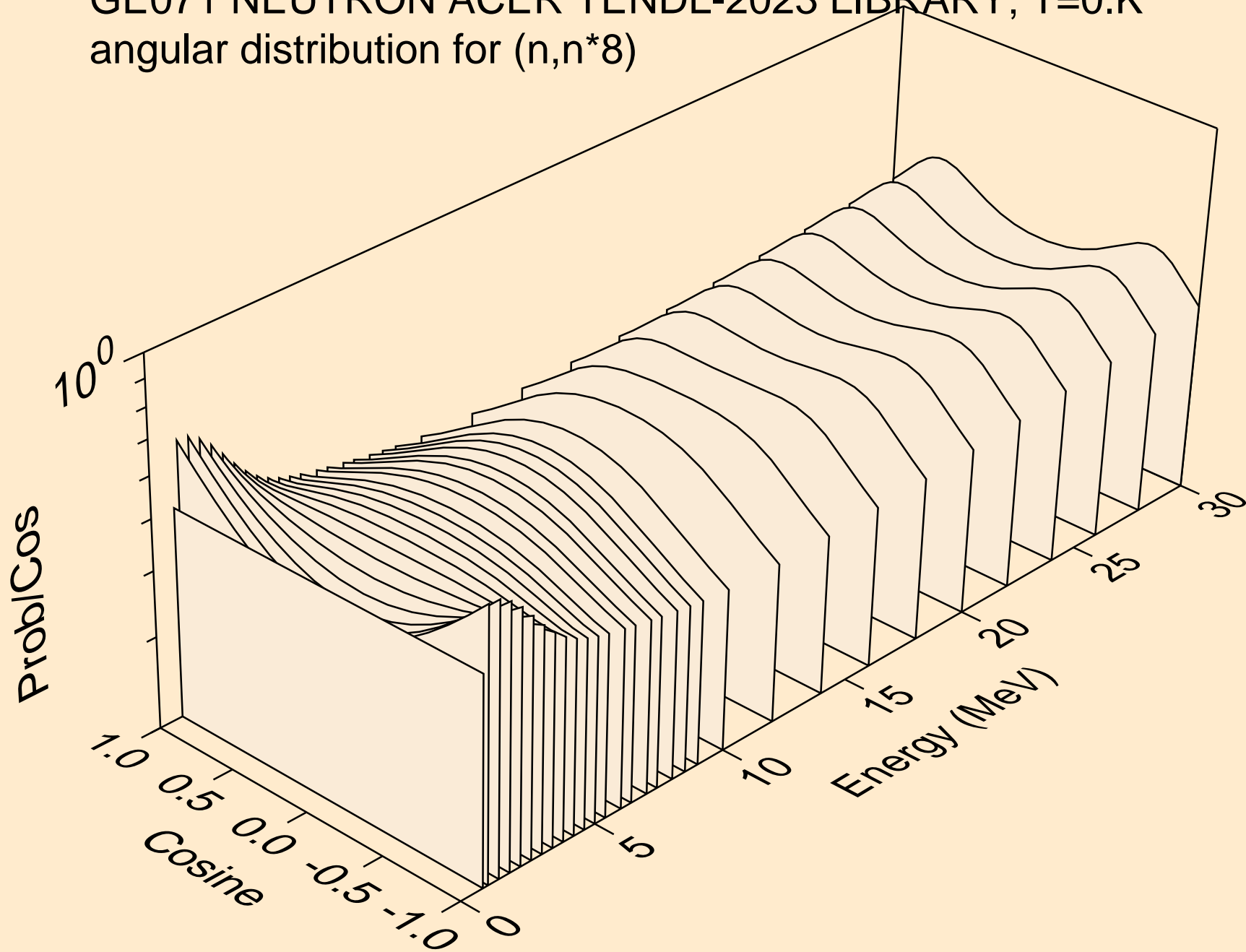
GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



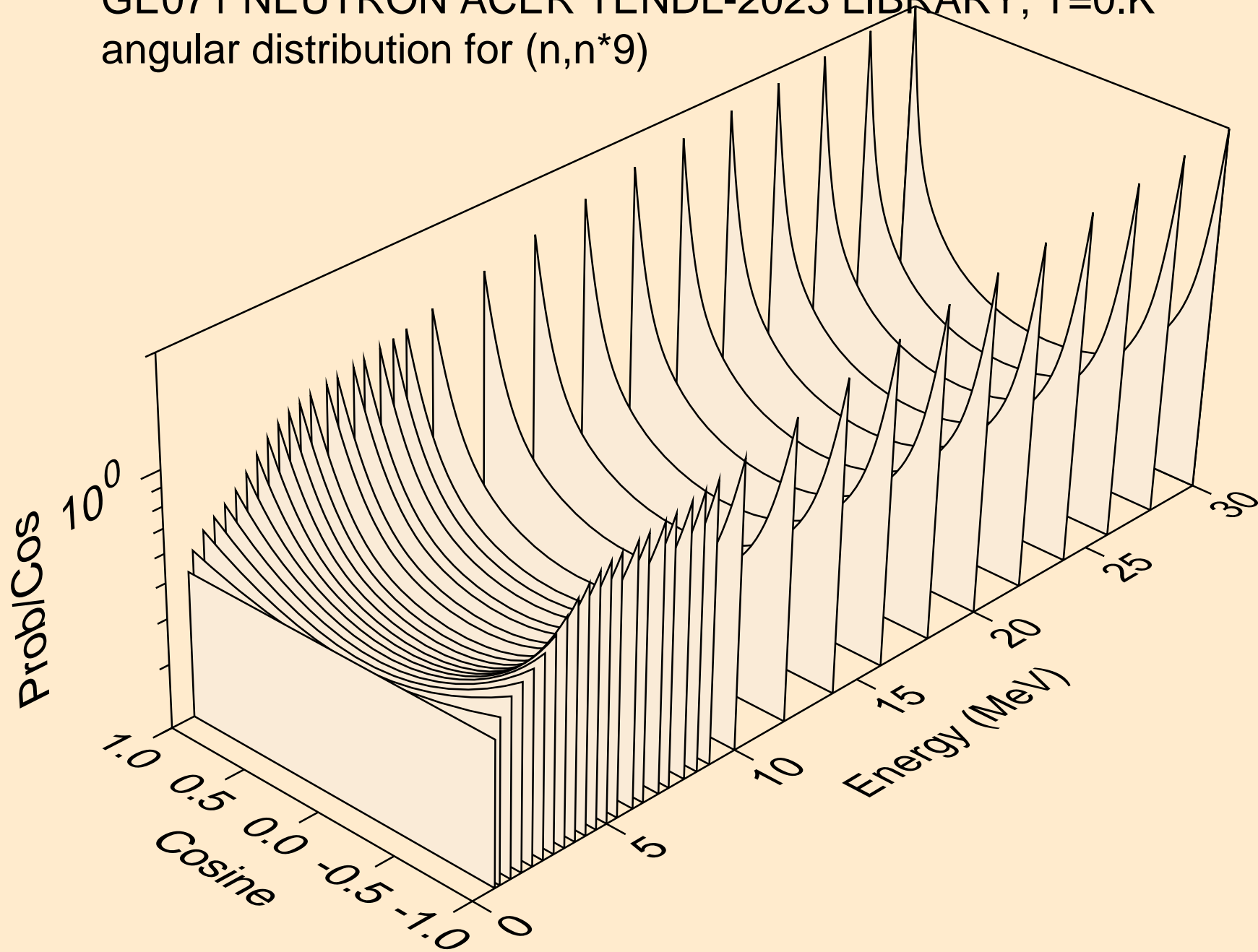
GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*8)

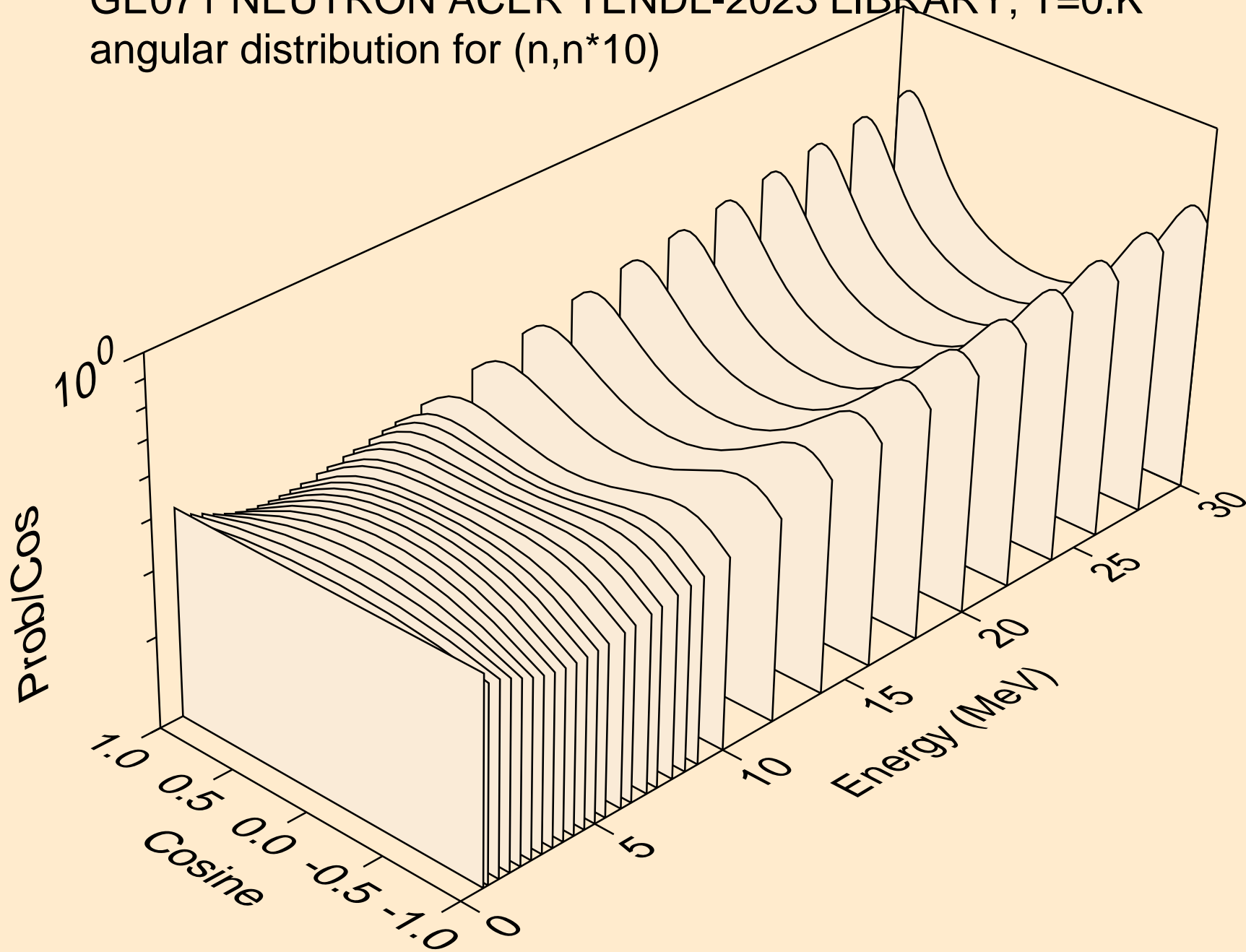


GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*9)

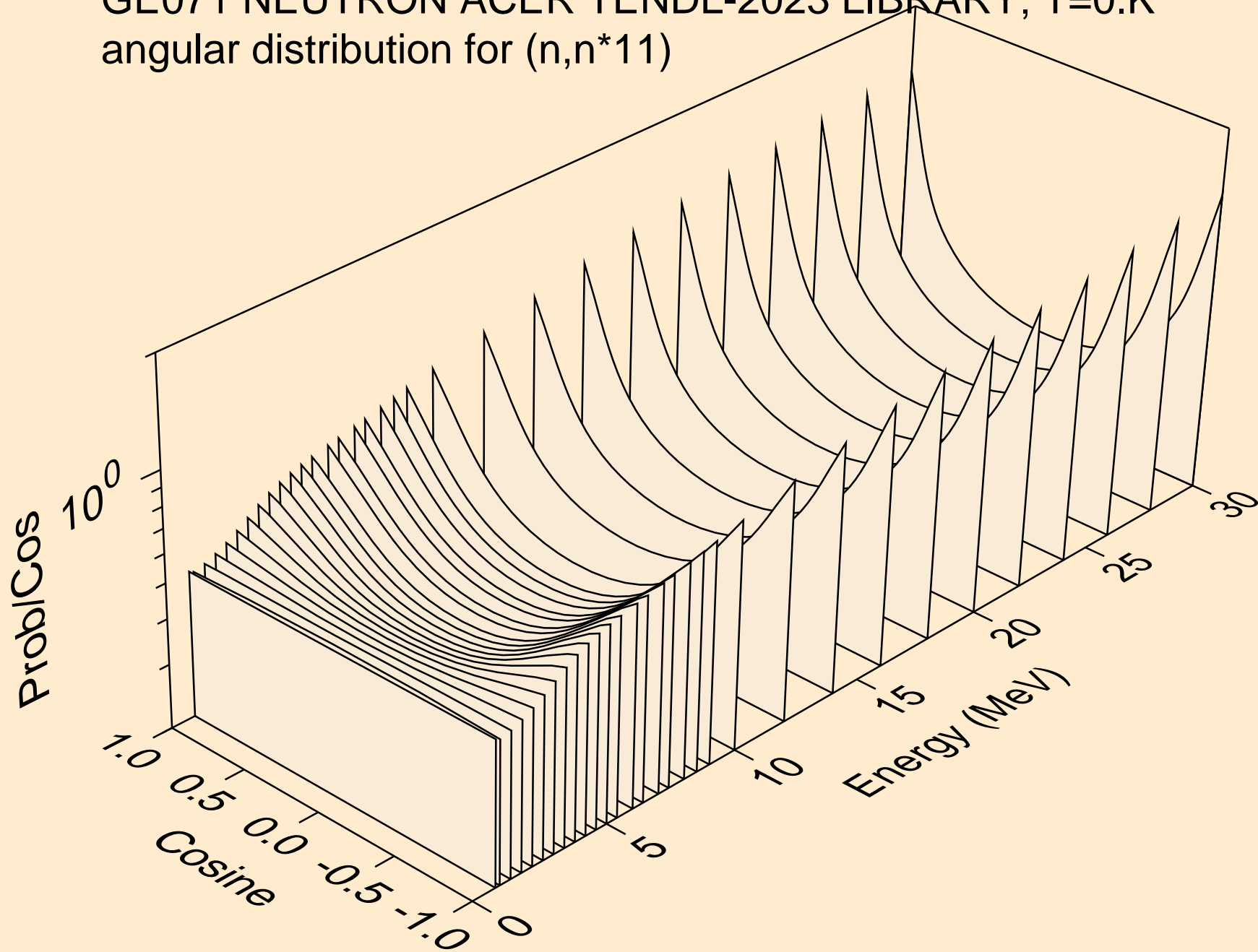




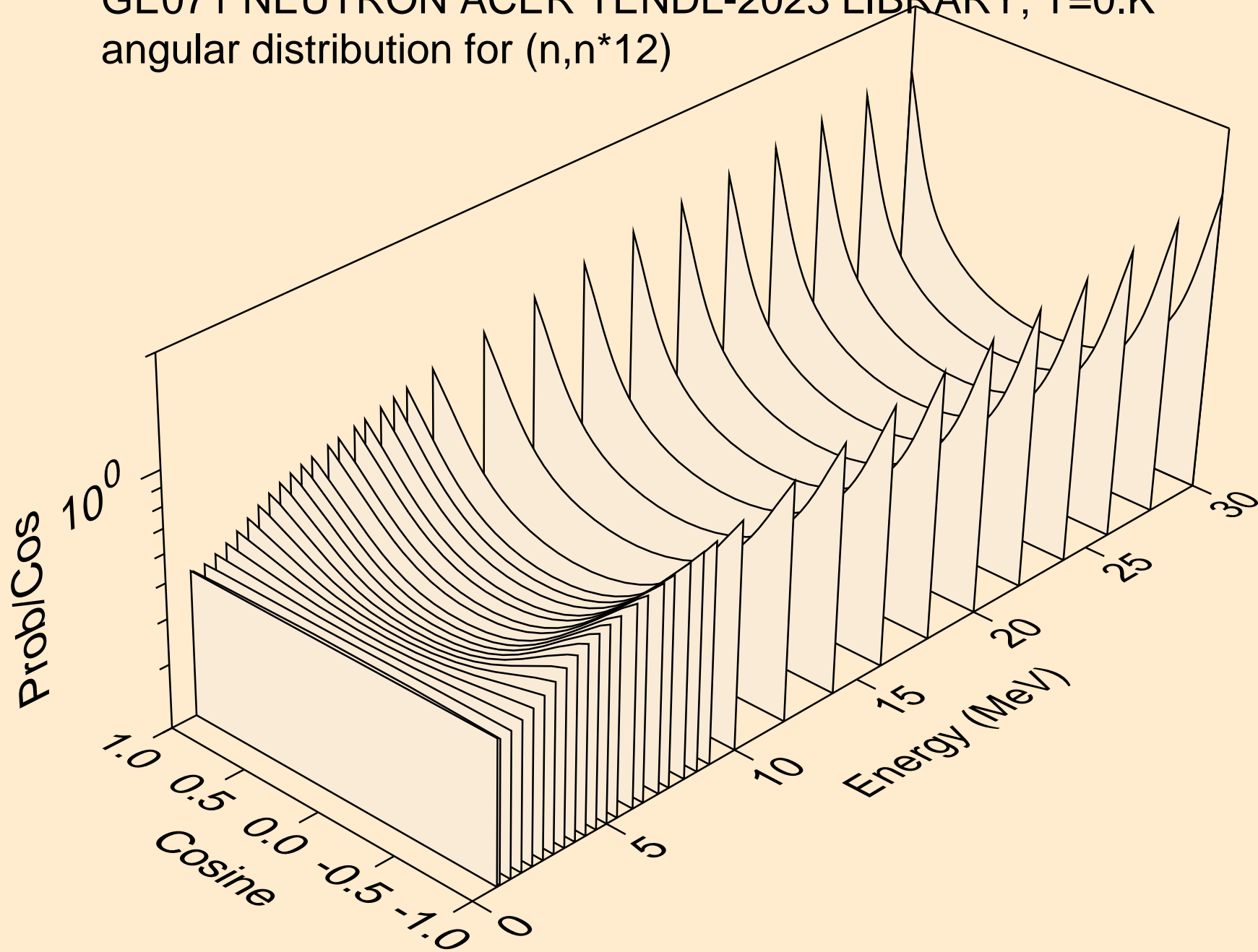
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angular distribution for (n,n\*10)



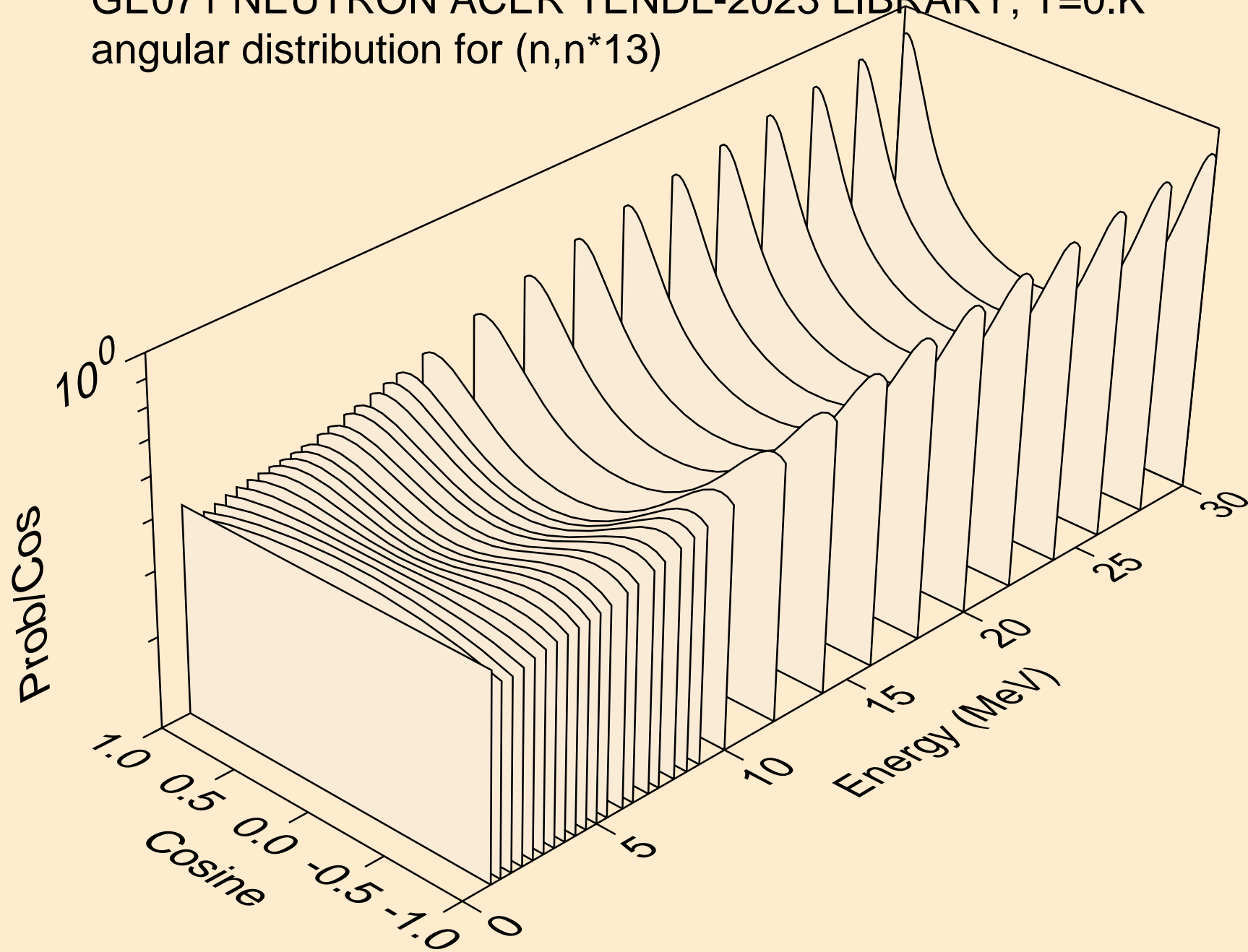
GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



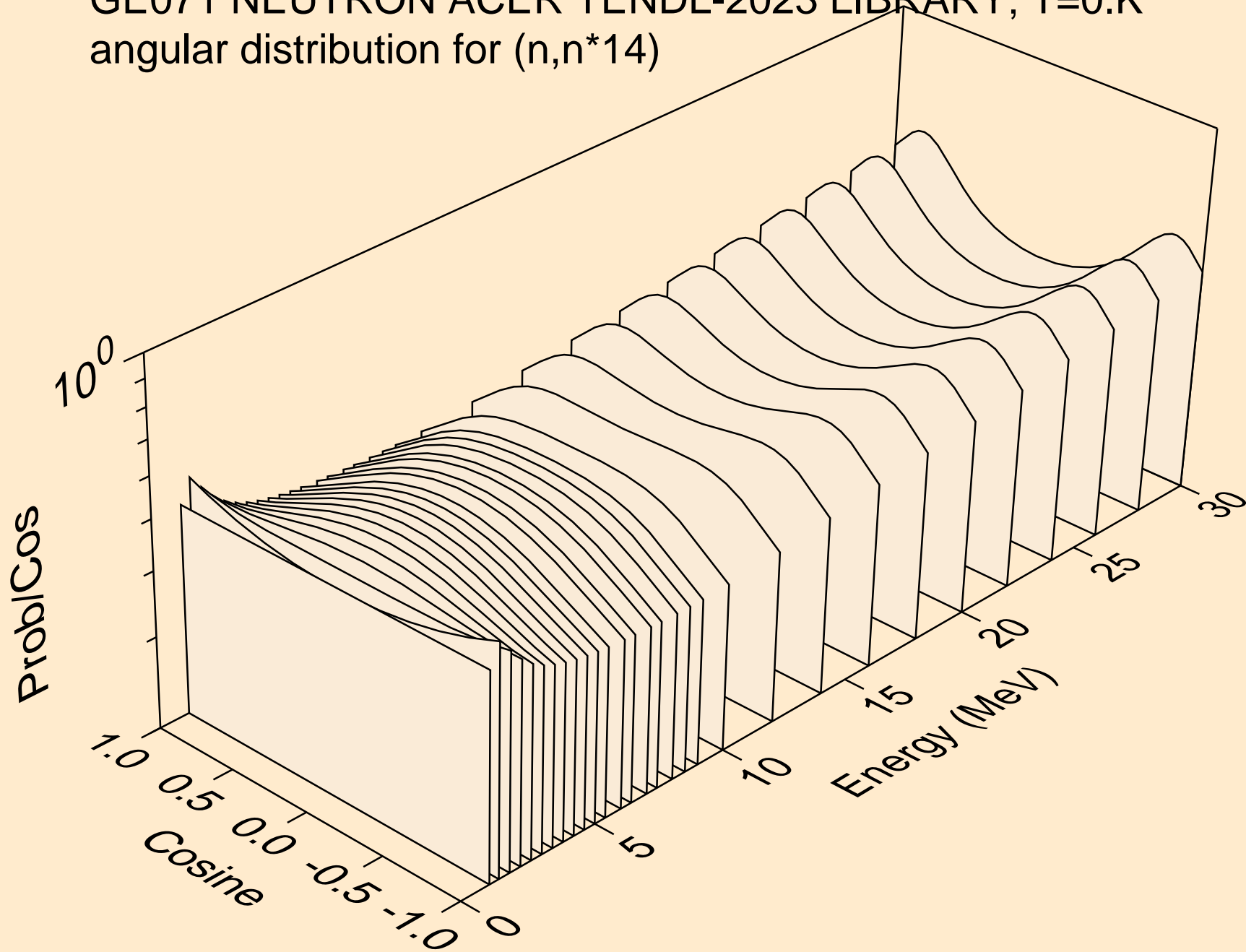
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angular distribution for (n,n\*12)



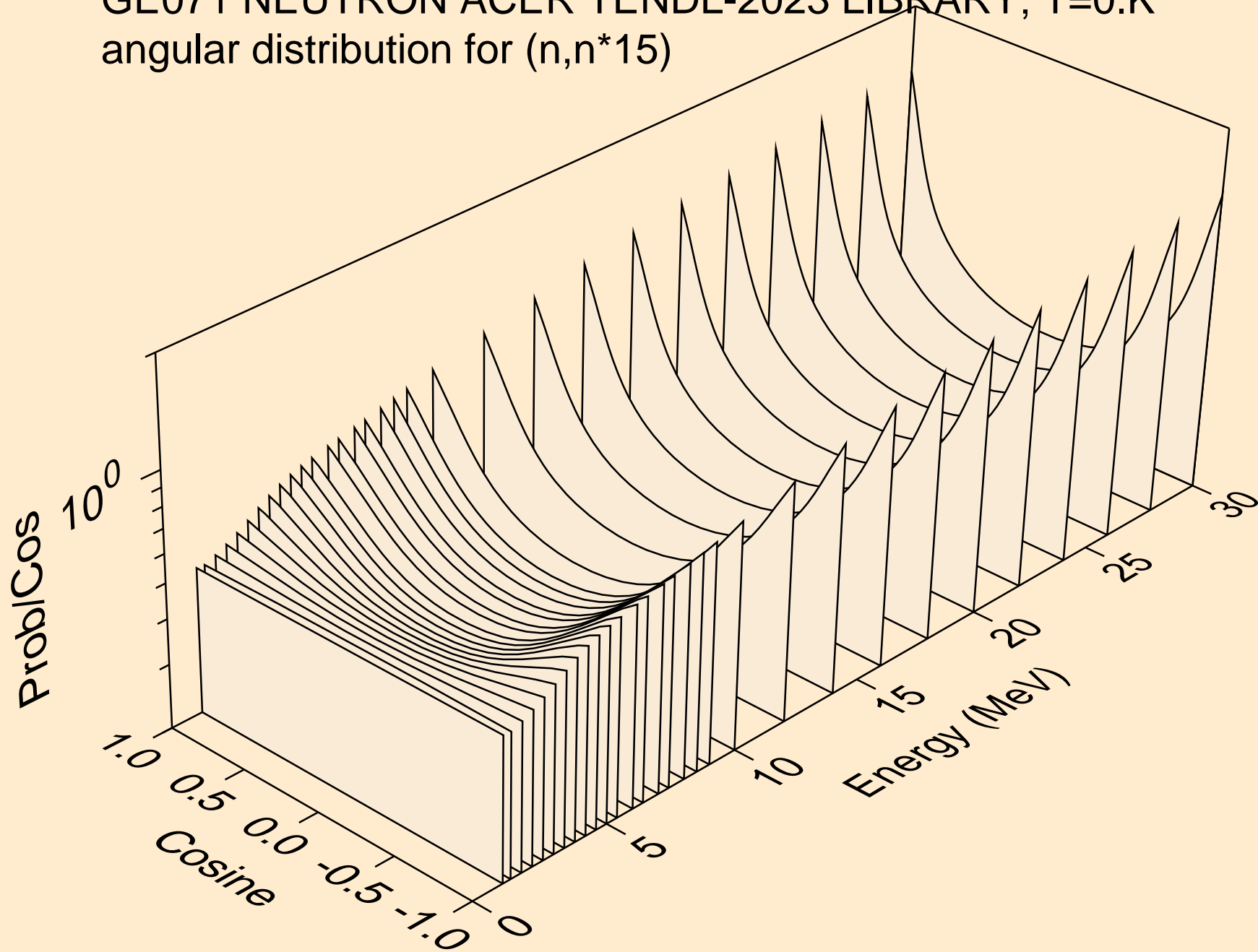
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angular distribution for (n,n\*13)



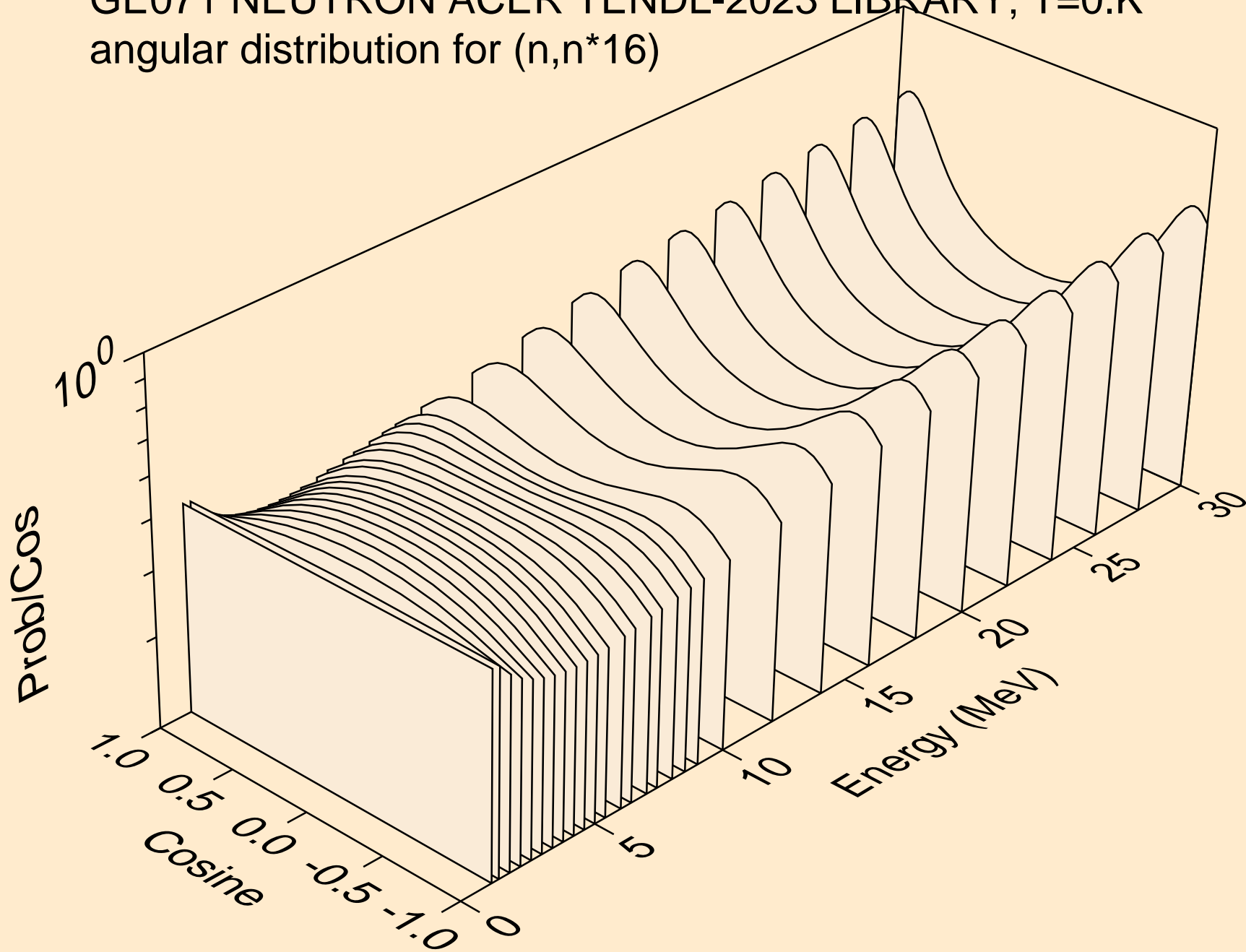
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angular distribution for (n,n\*14)



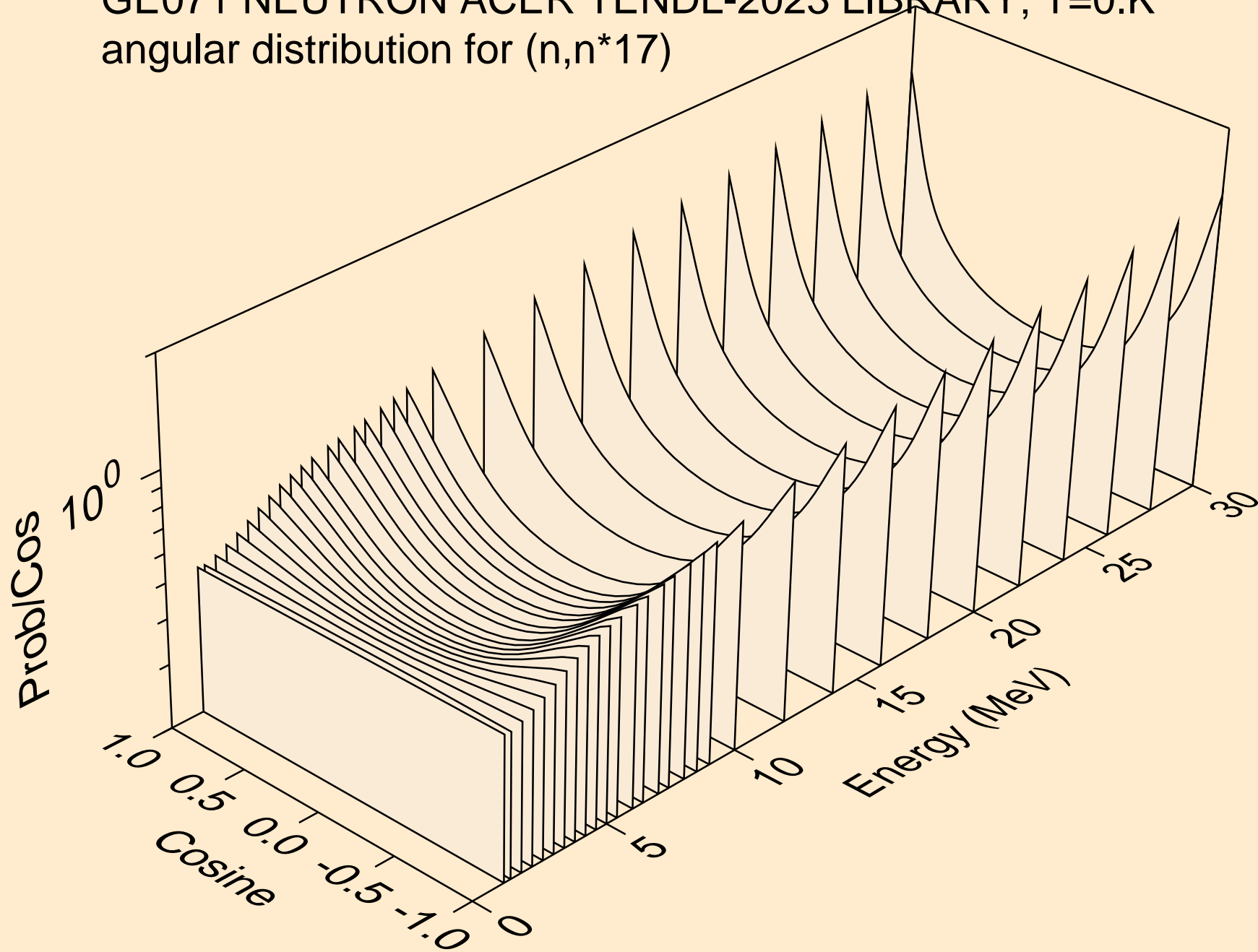
GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*16)

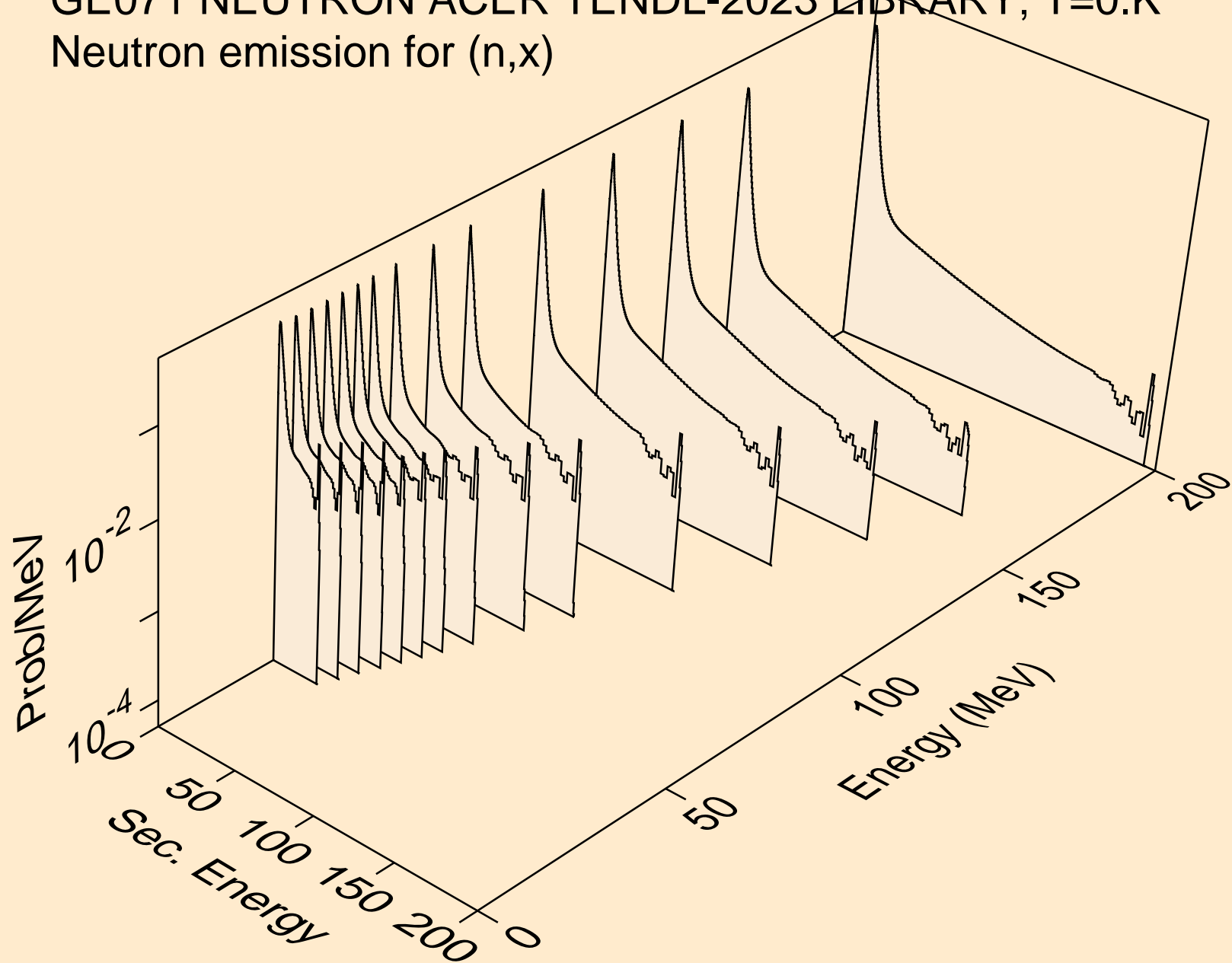


GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*17)

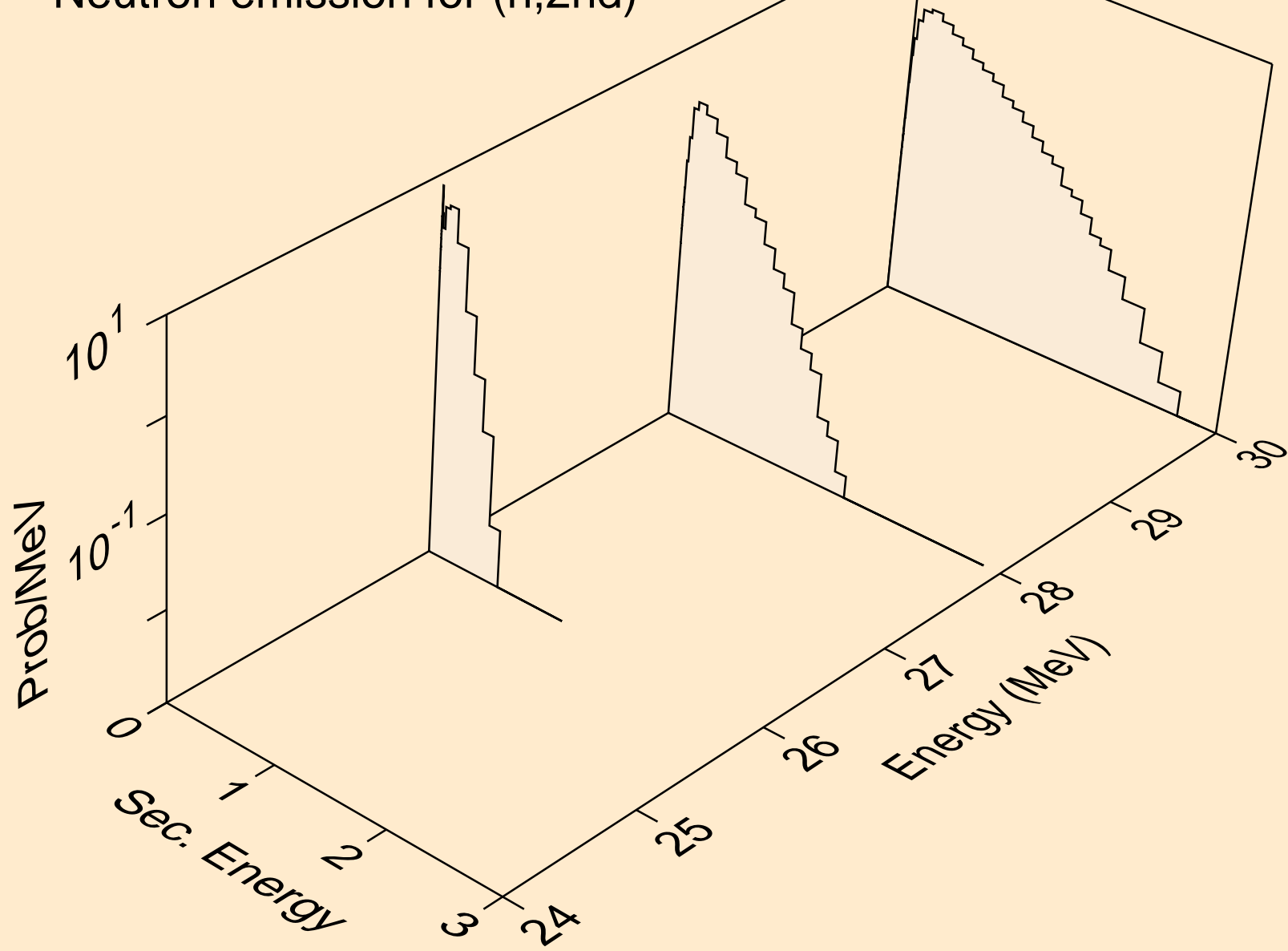




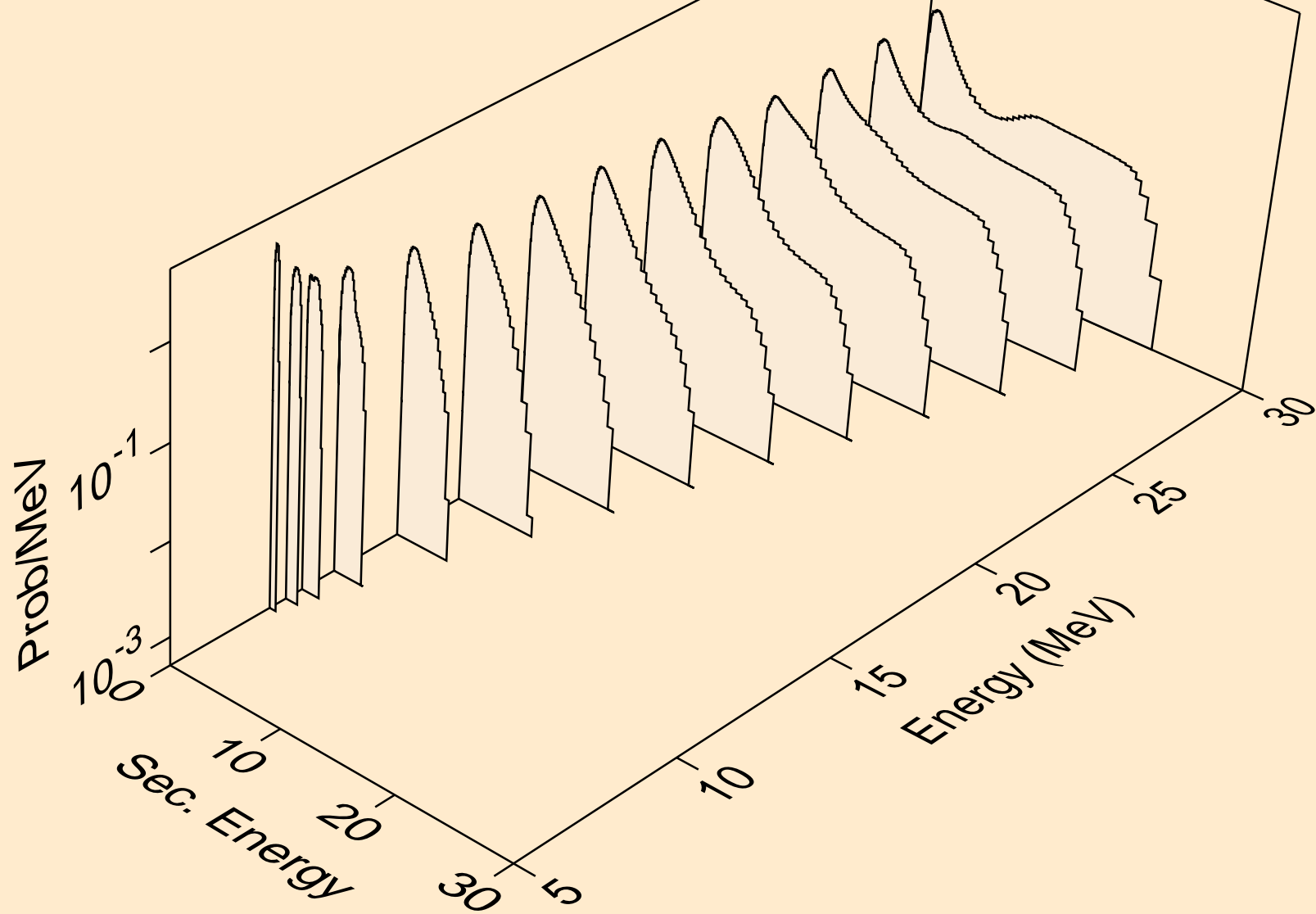
GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



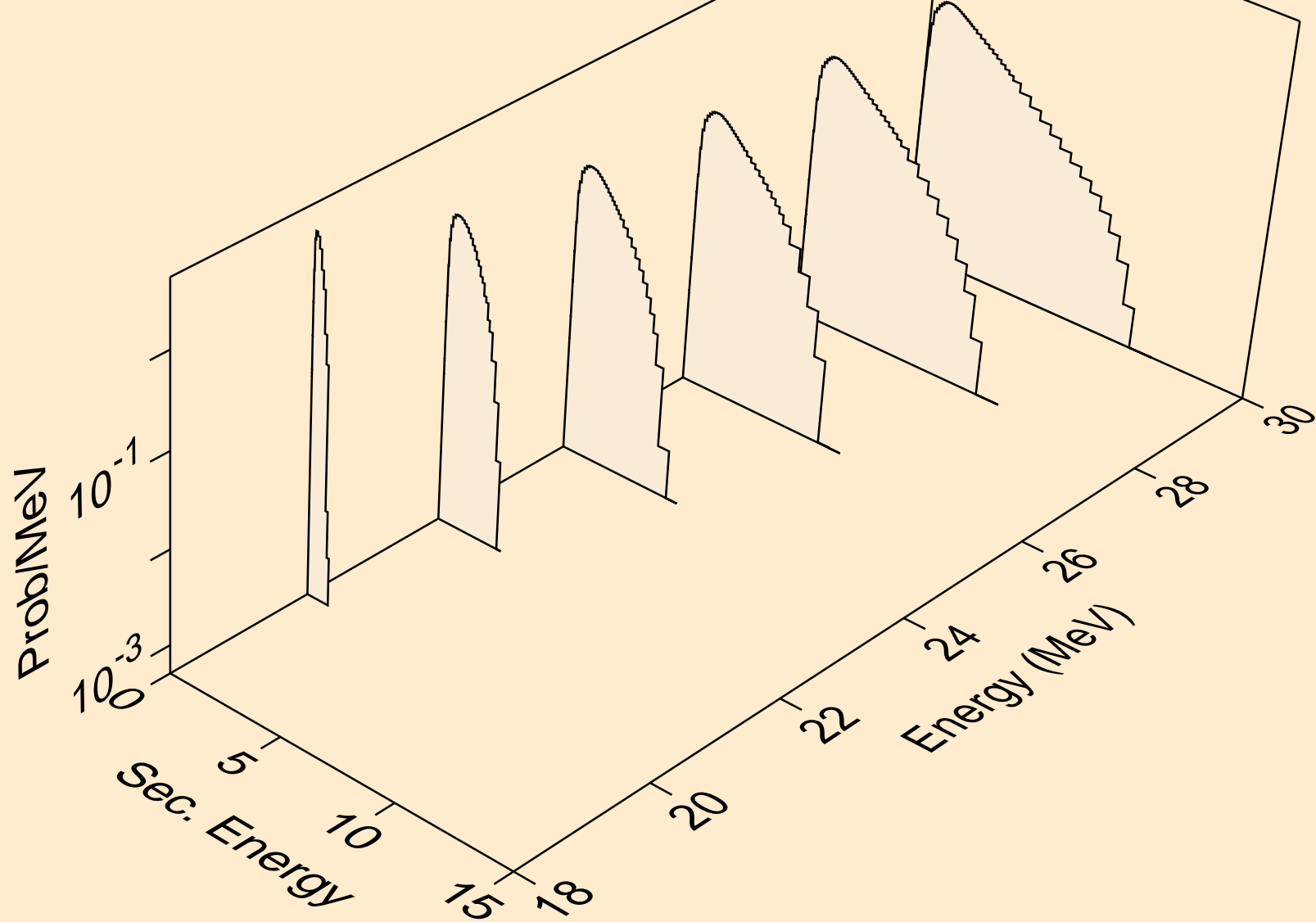
GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



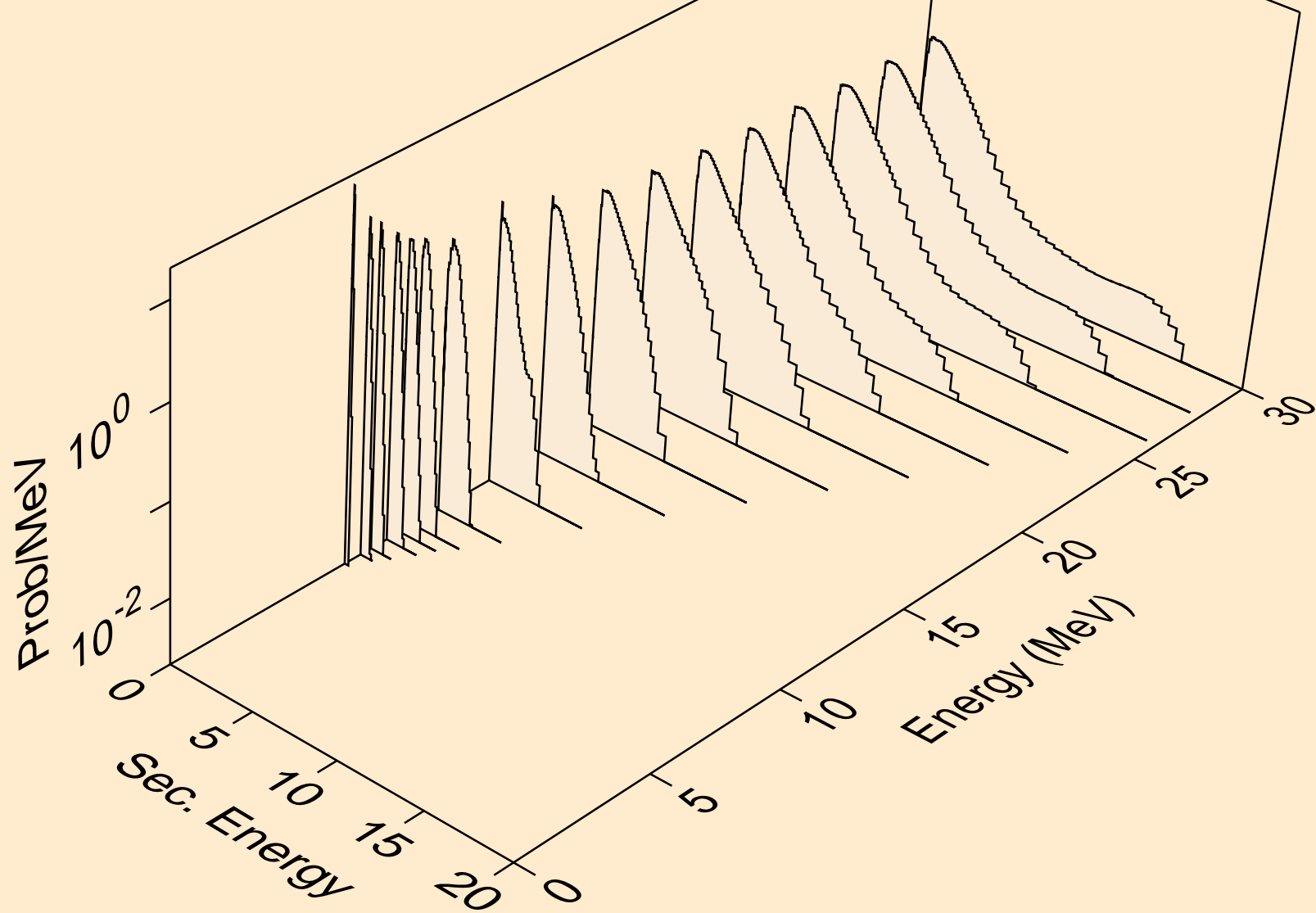
GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)



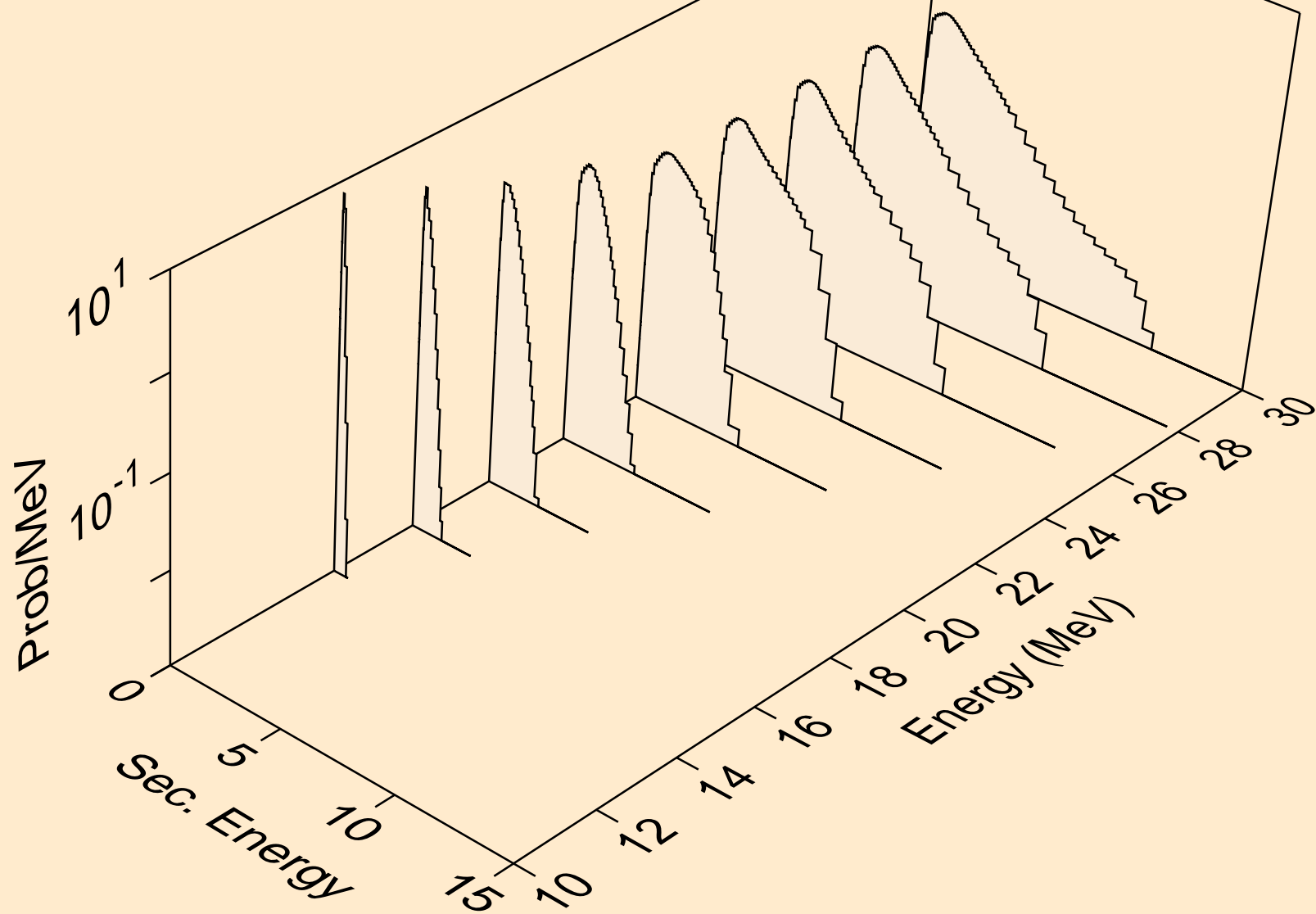
GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)



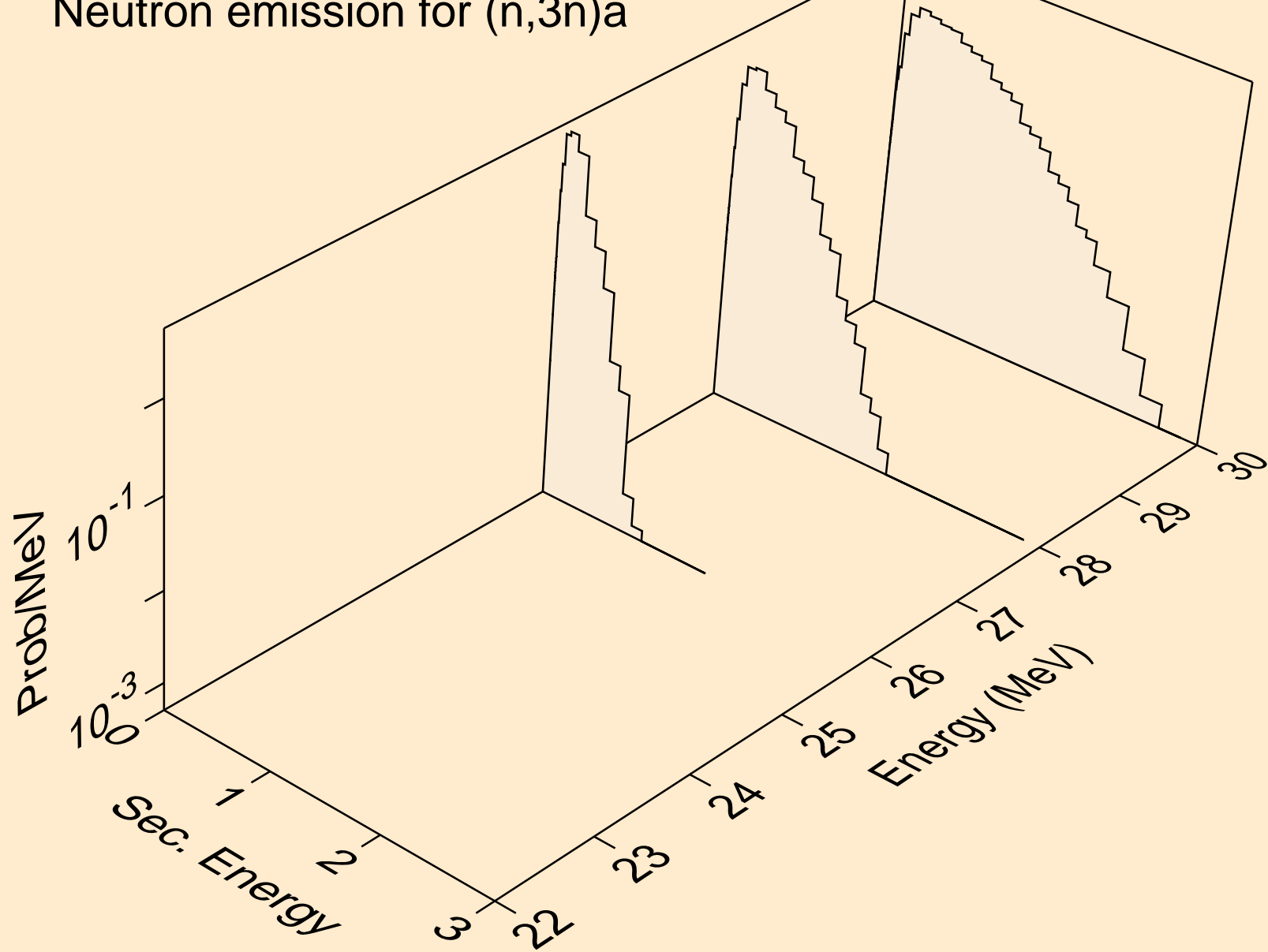
GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



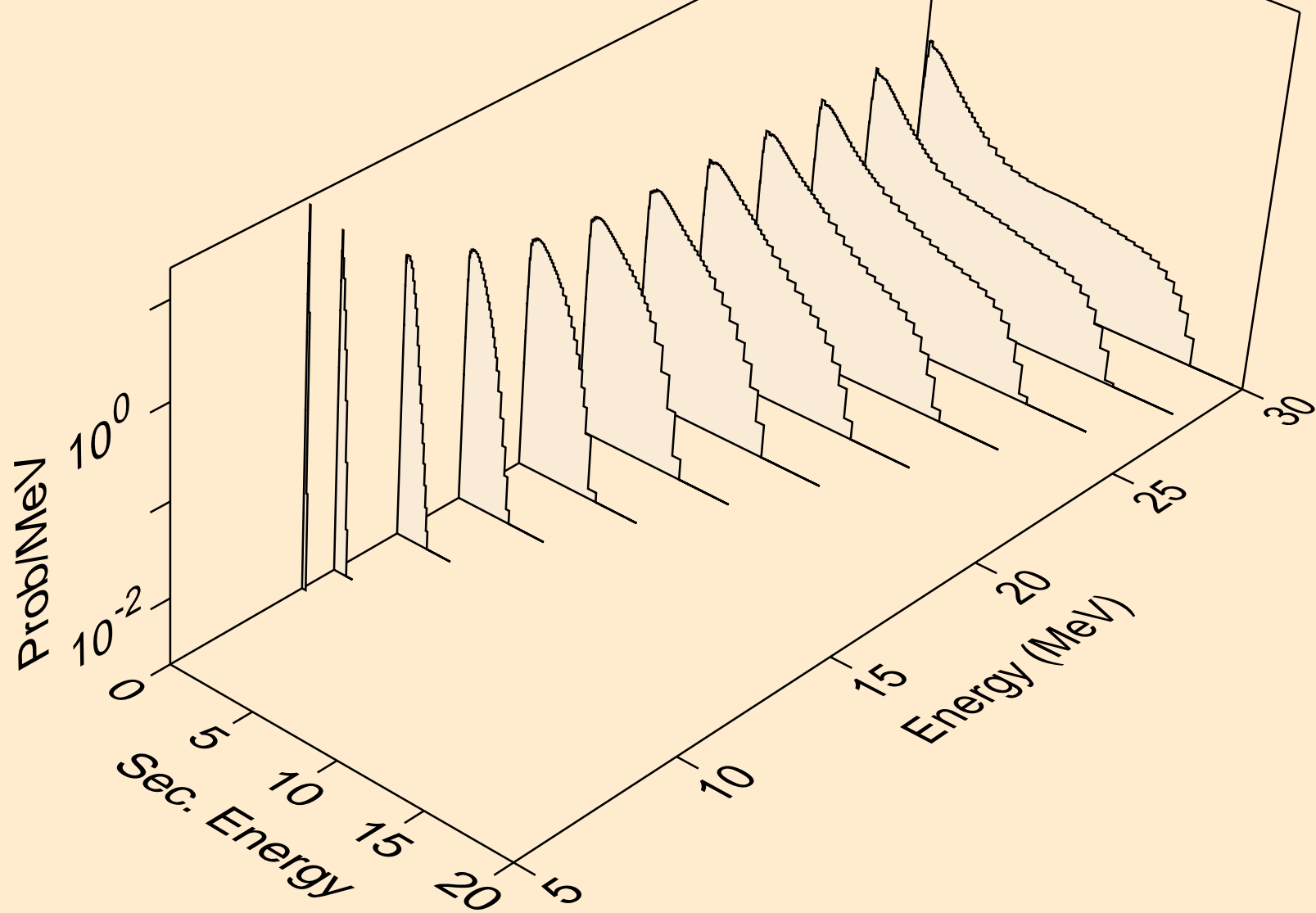
GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)a

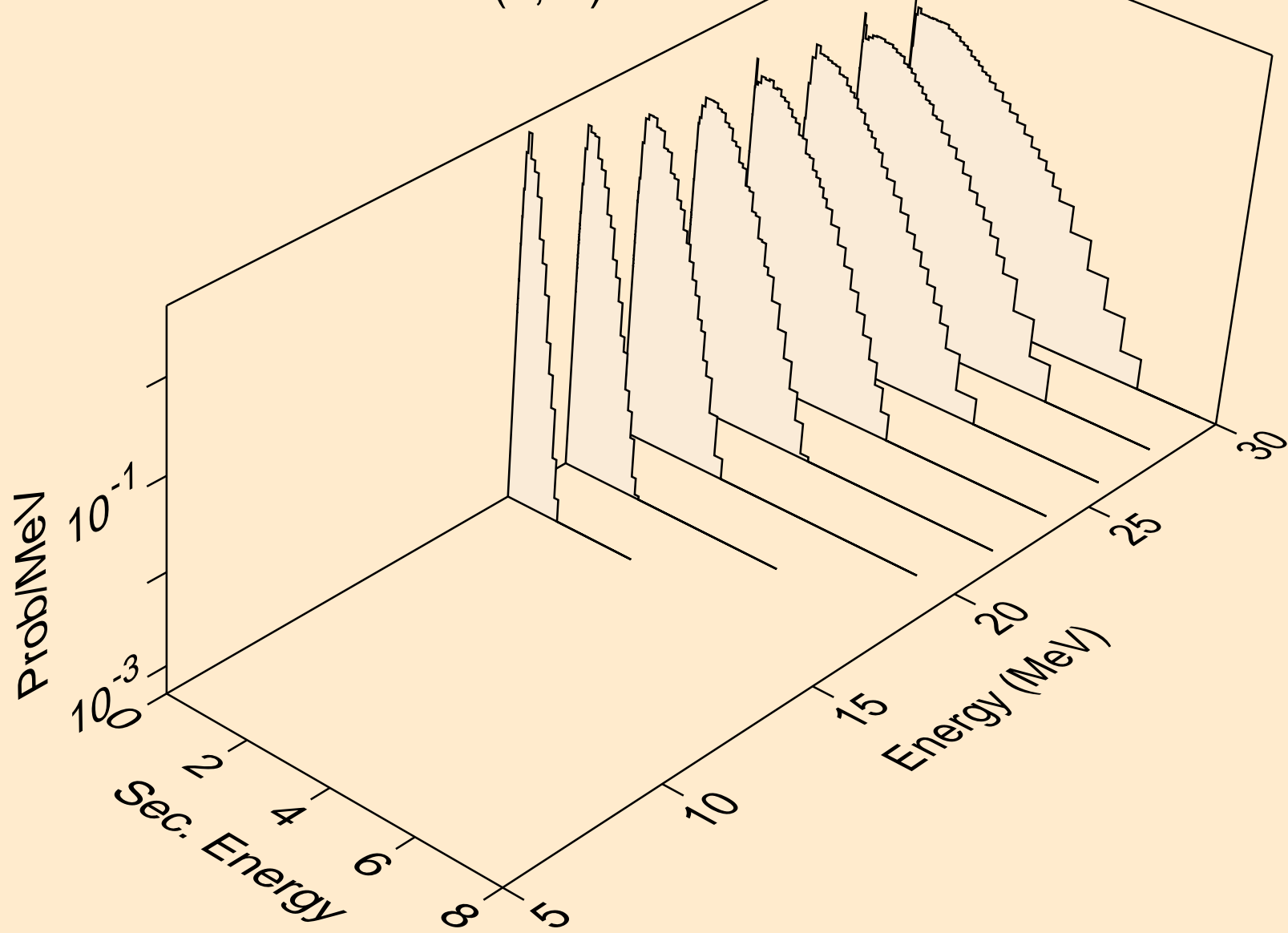


GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p

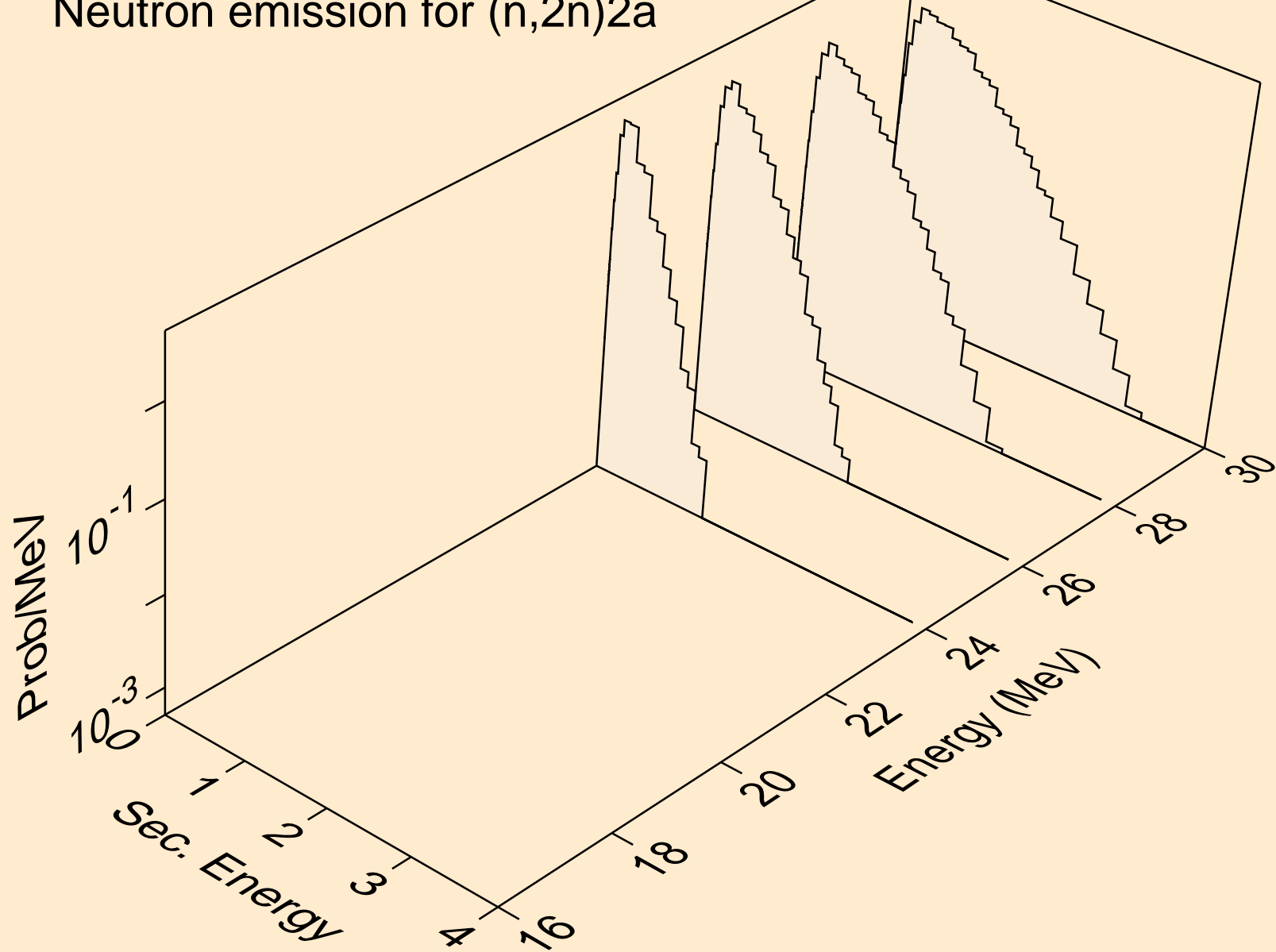




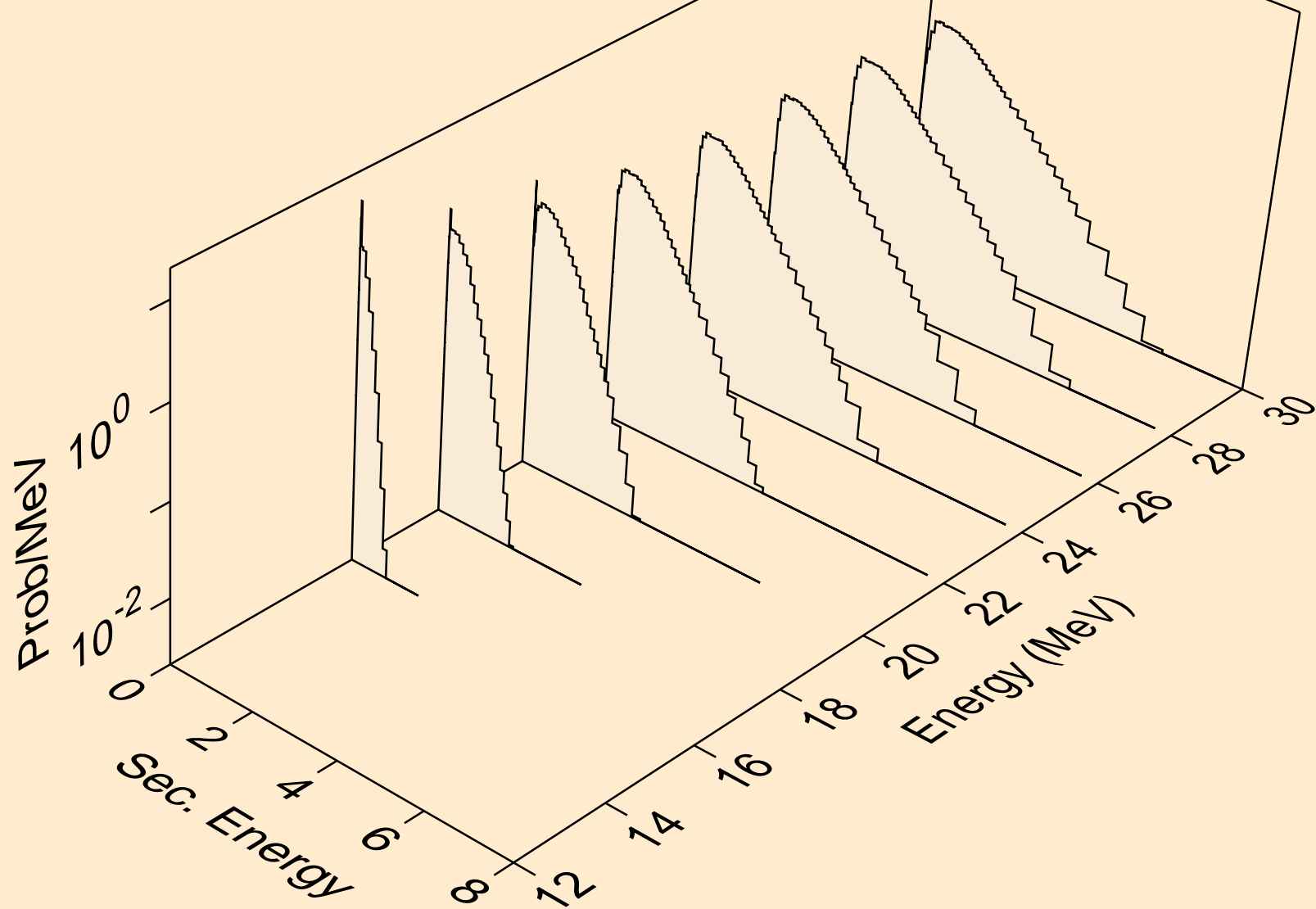
GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



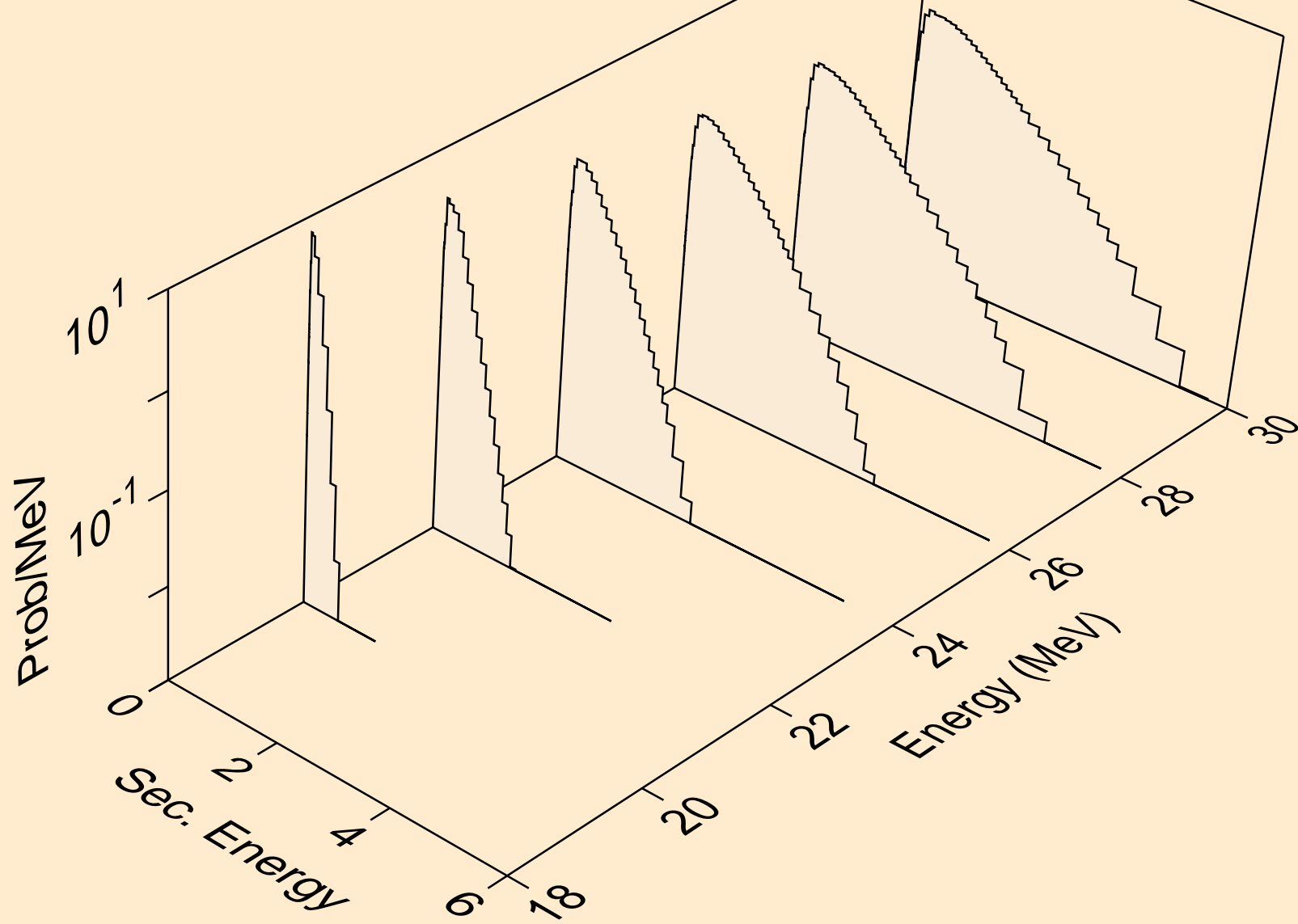
GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)2a



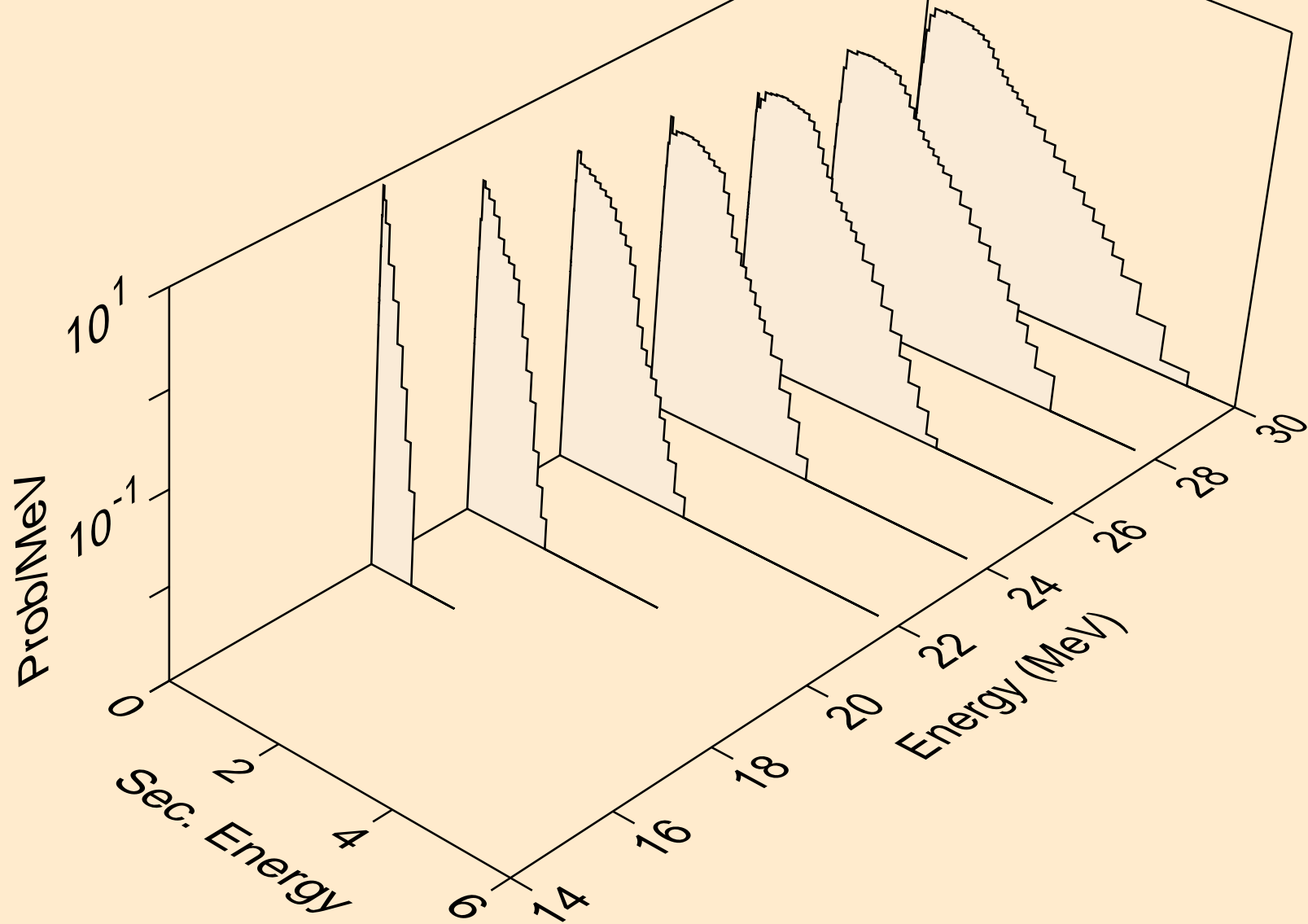
GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



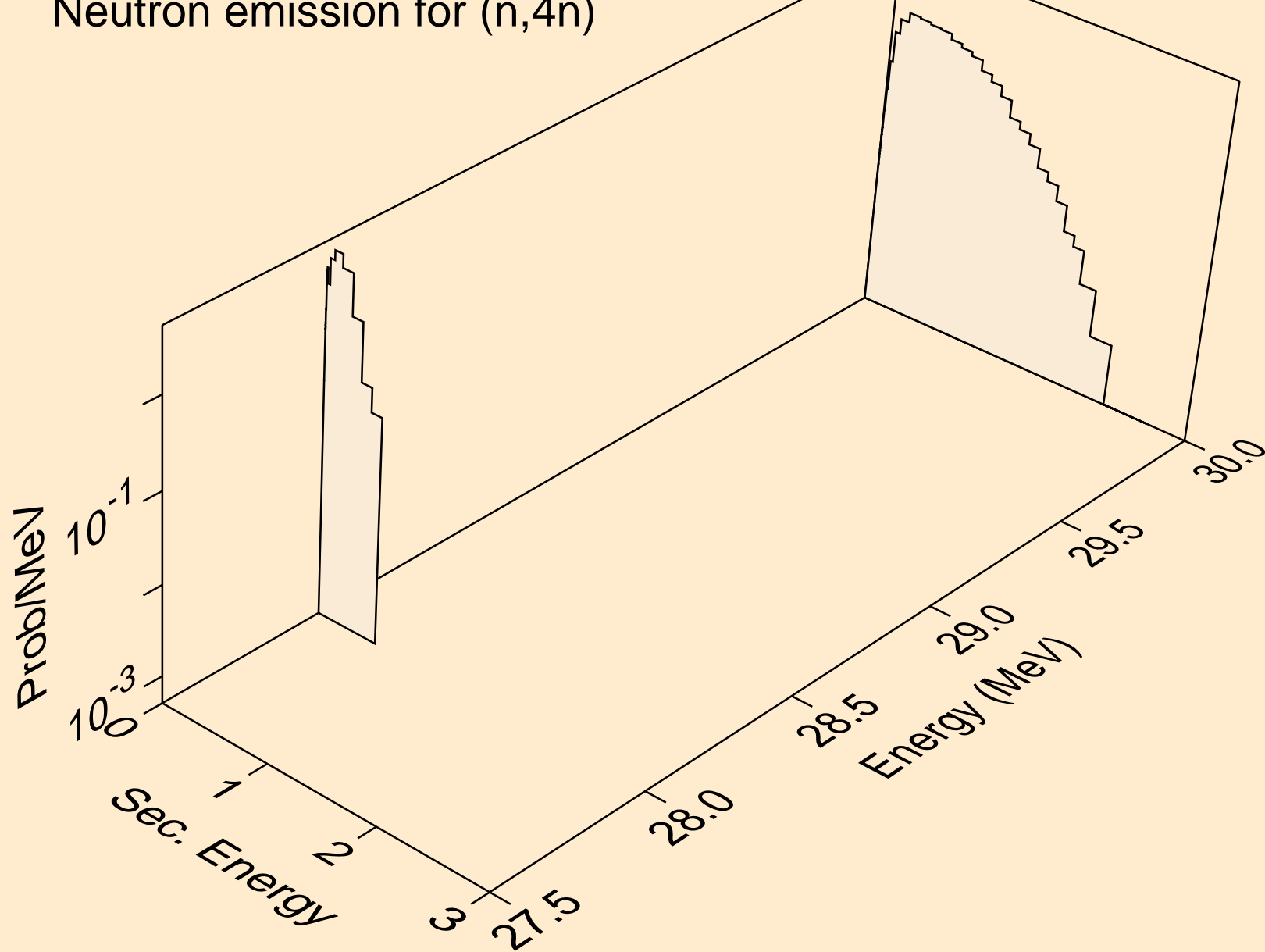
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Neutron emission for (n,n\*)t



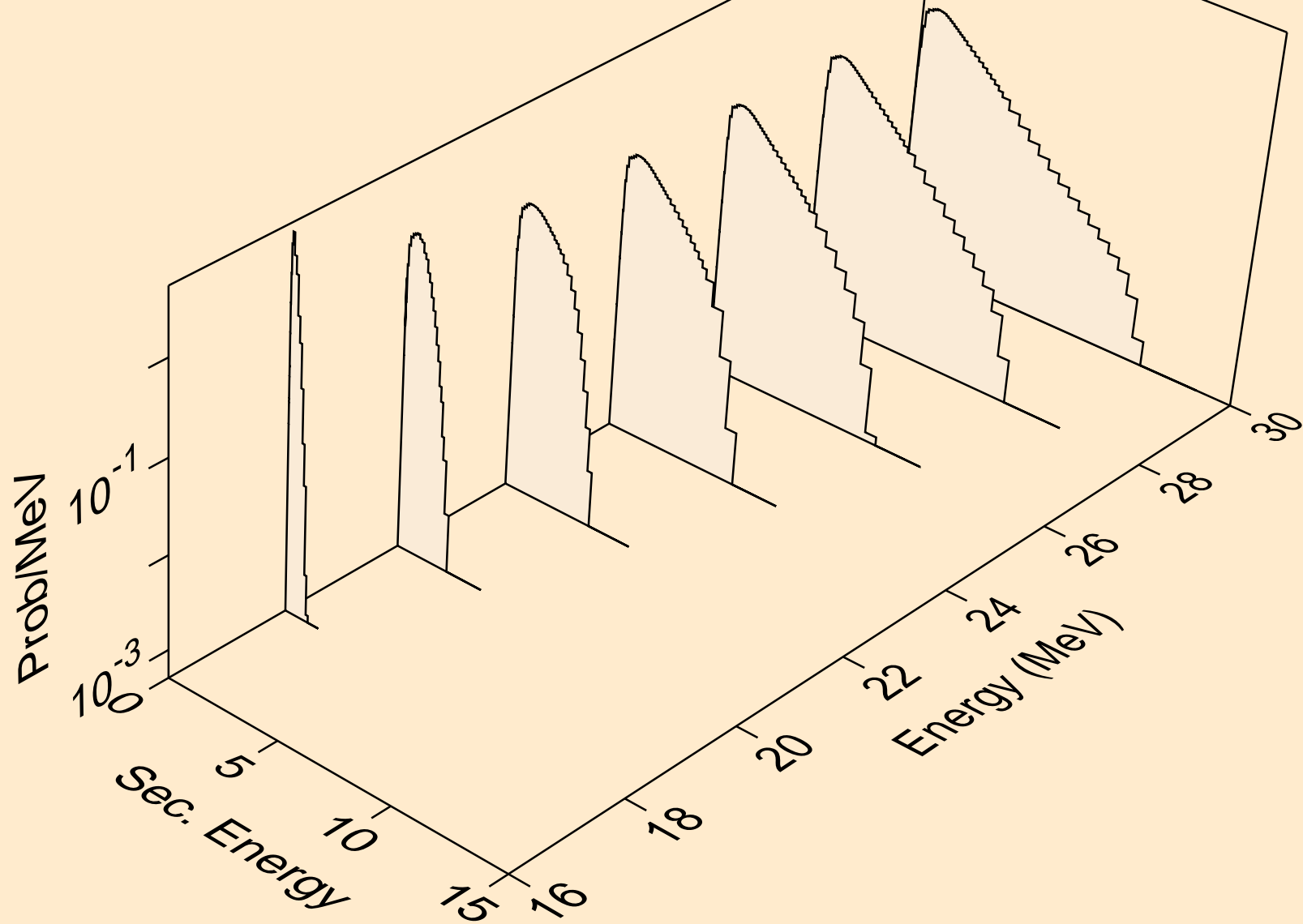
GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



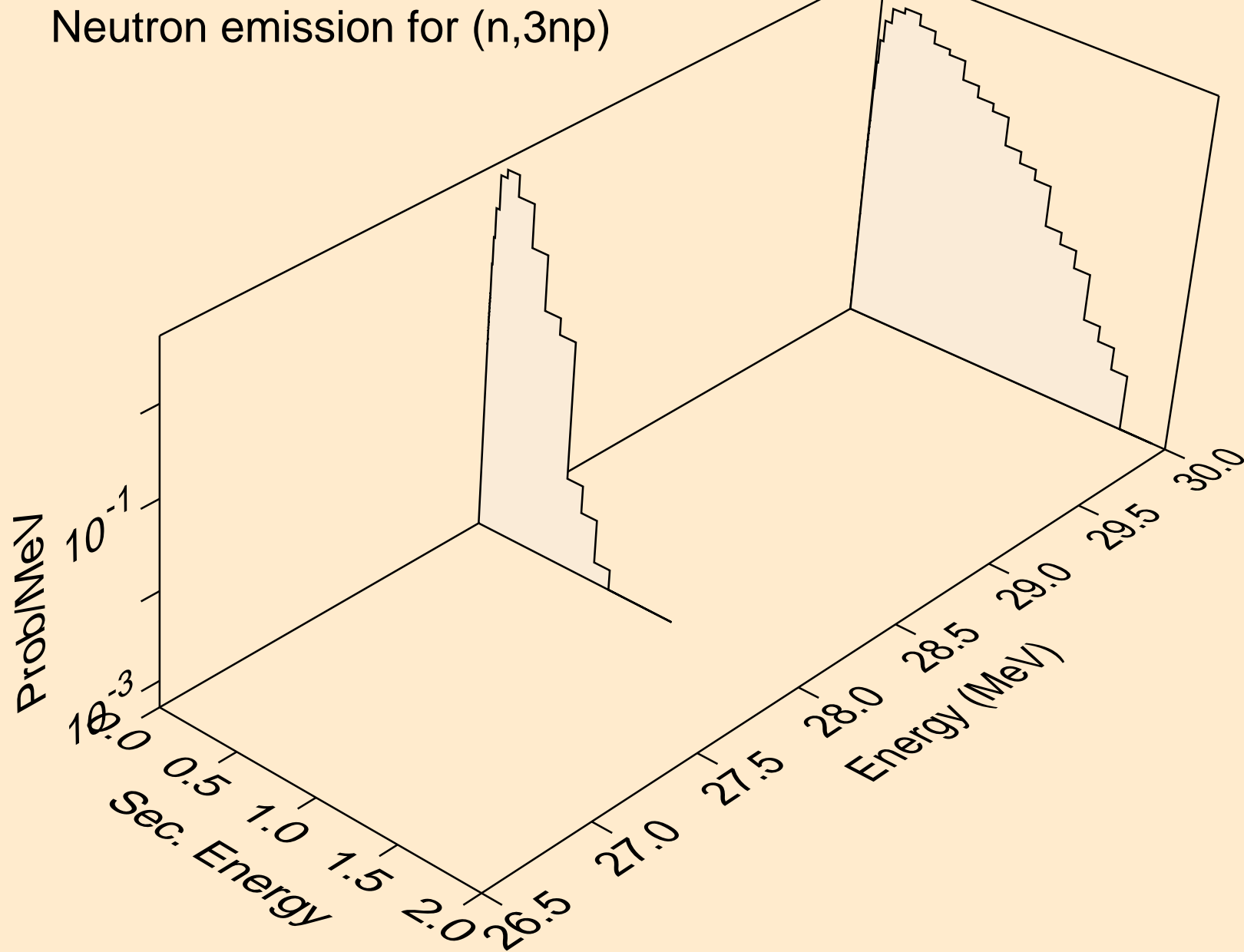
GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)



GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)

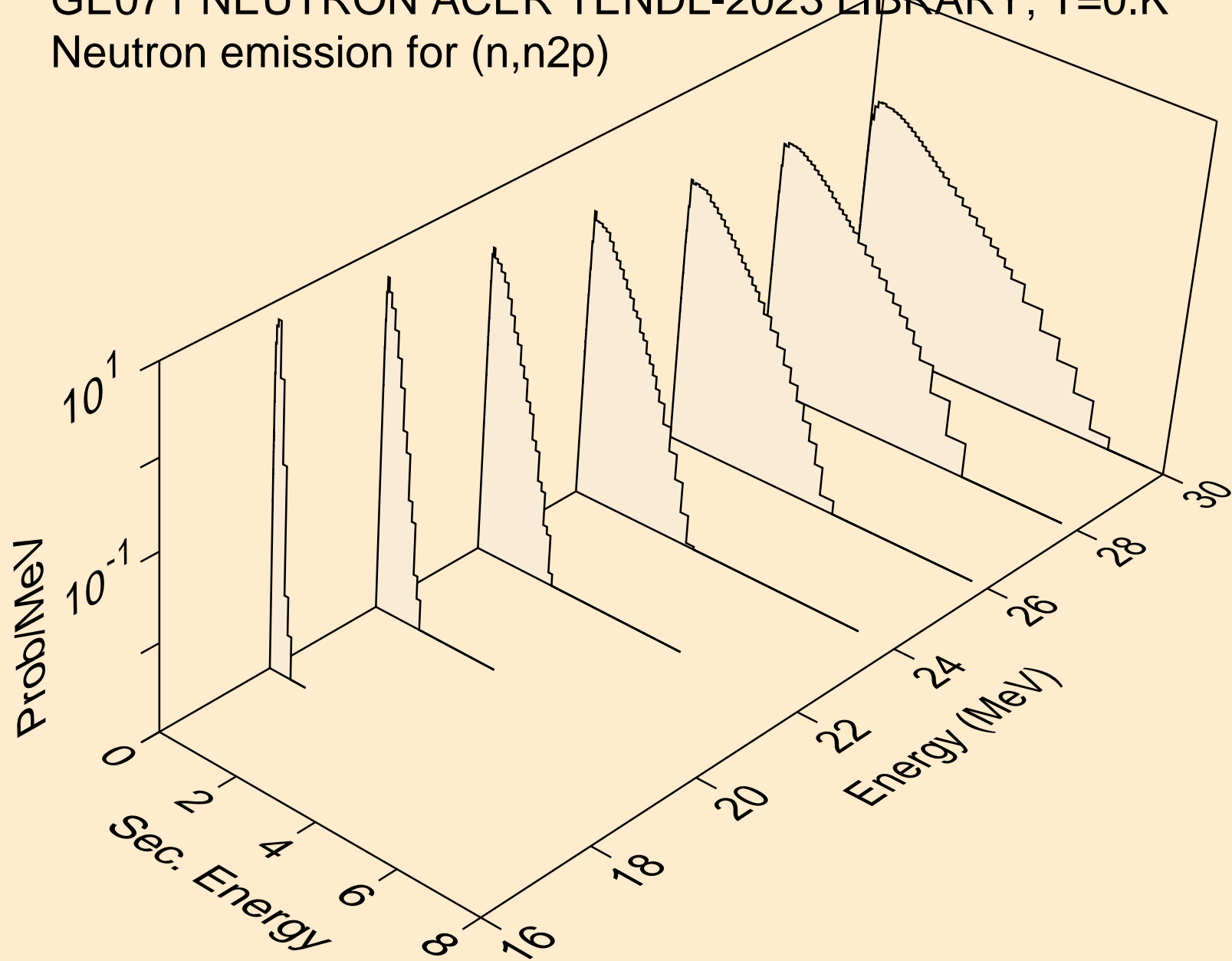


GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3np)

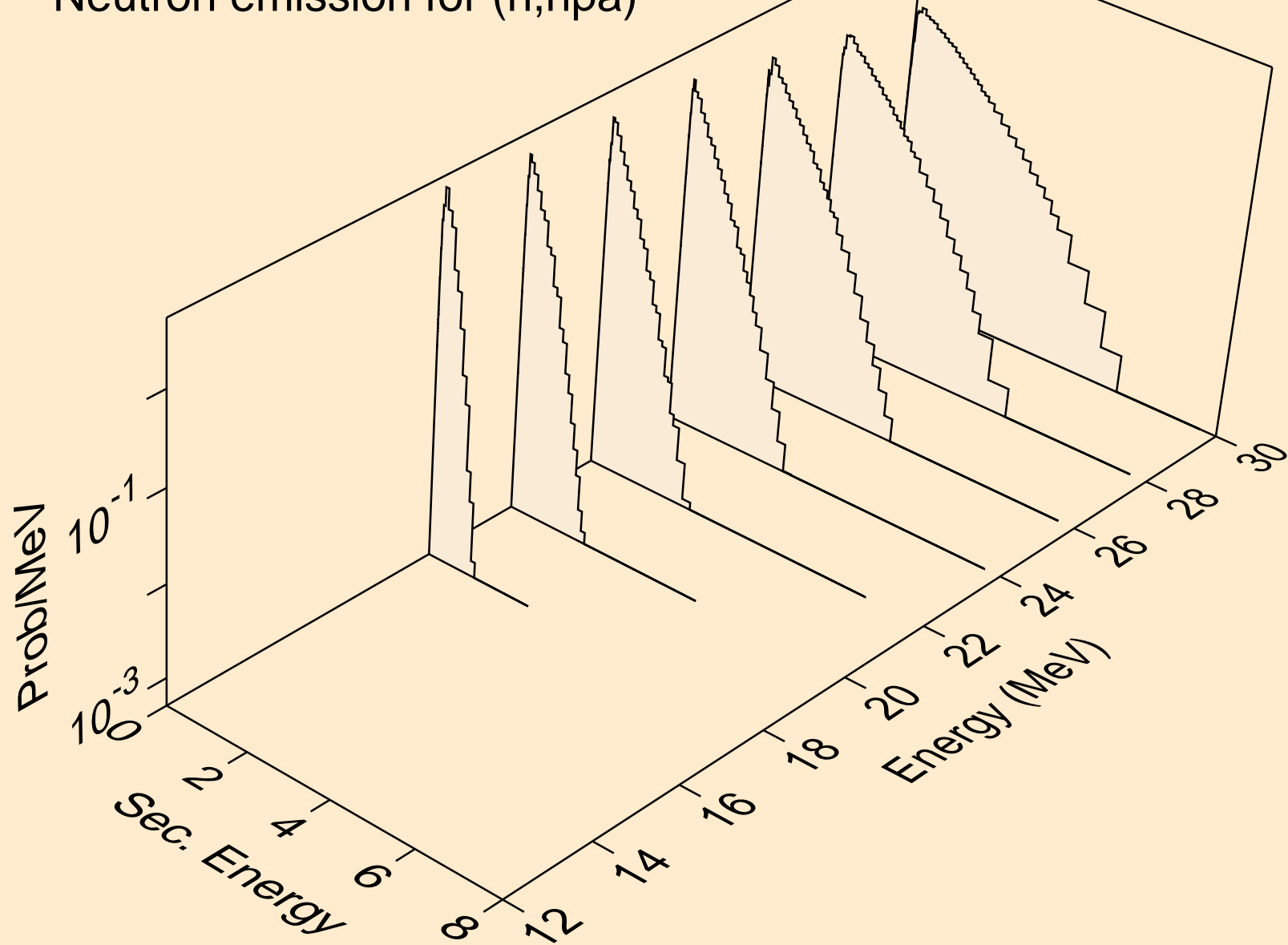




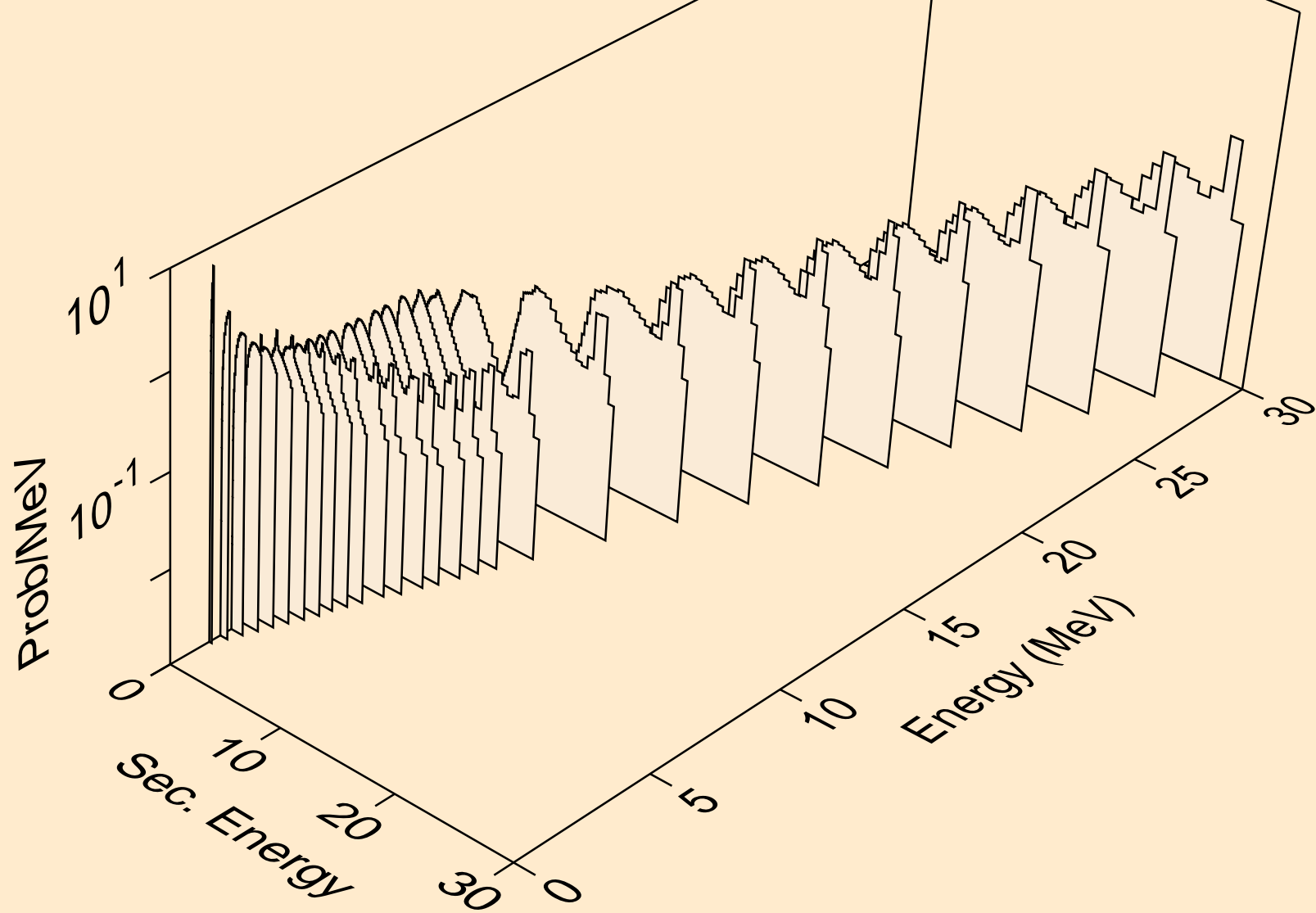
GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



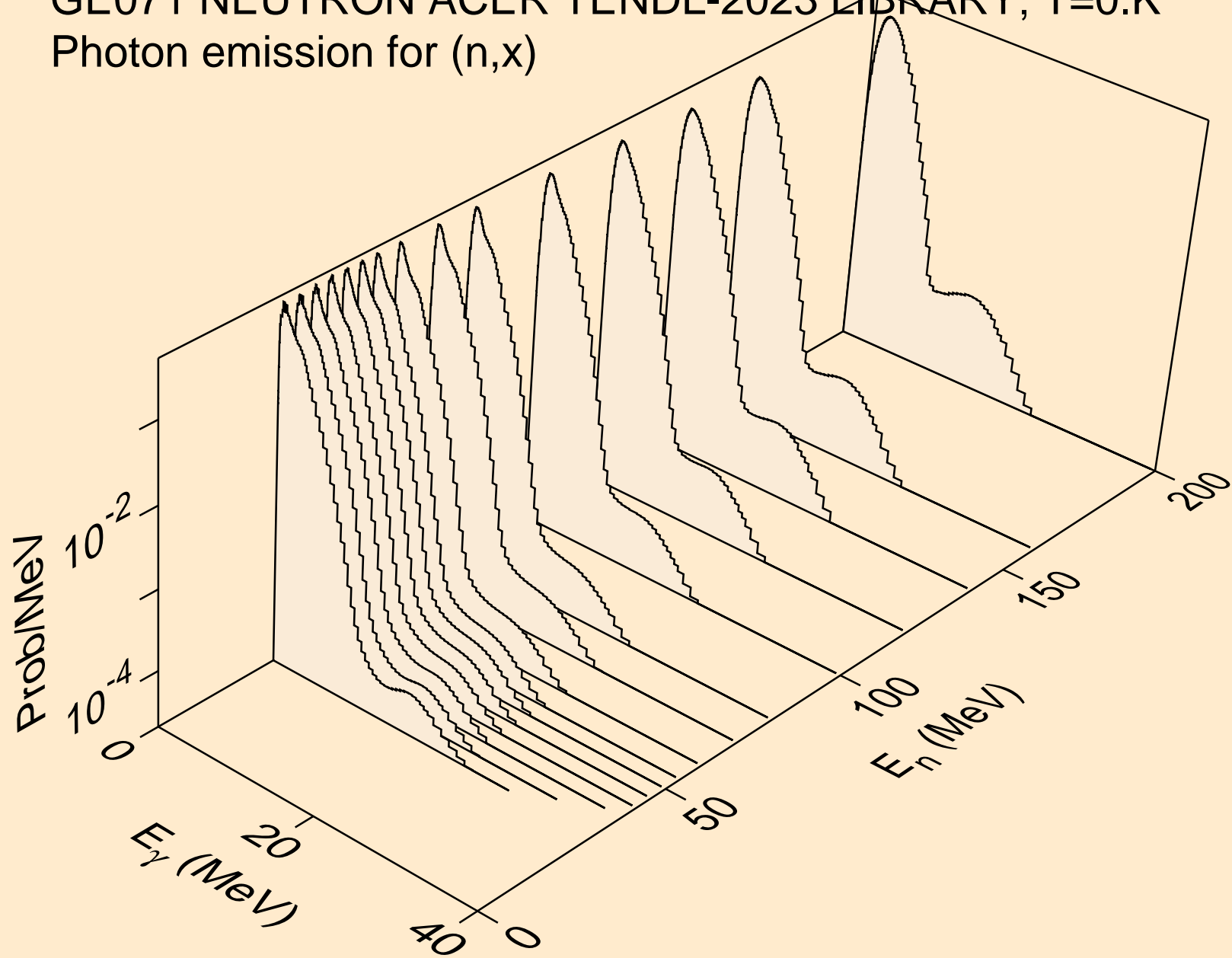
GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,npa)



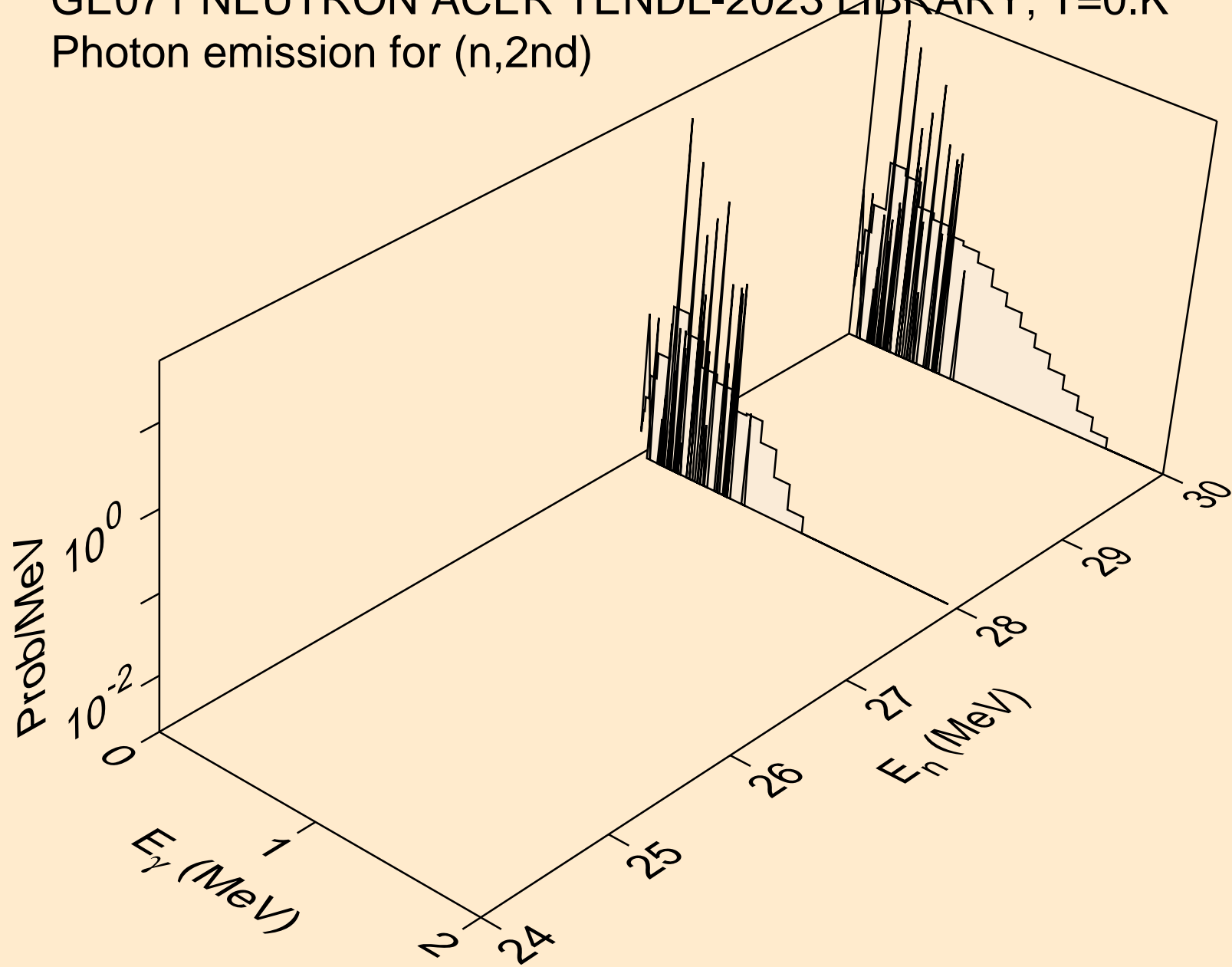
GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



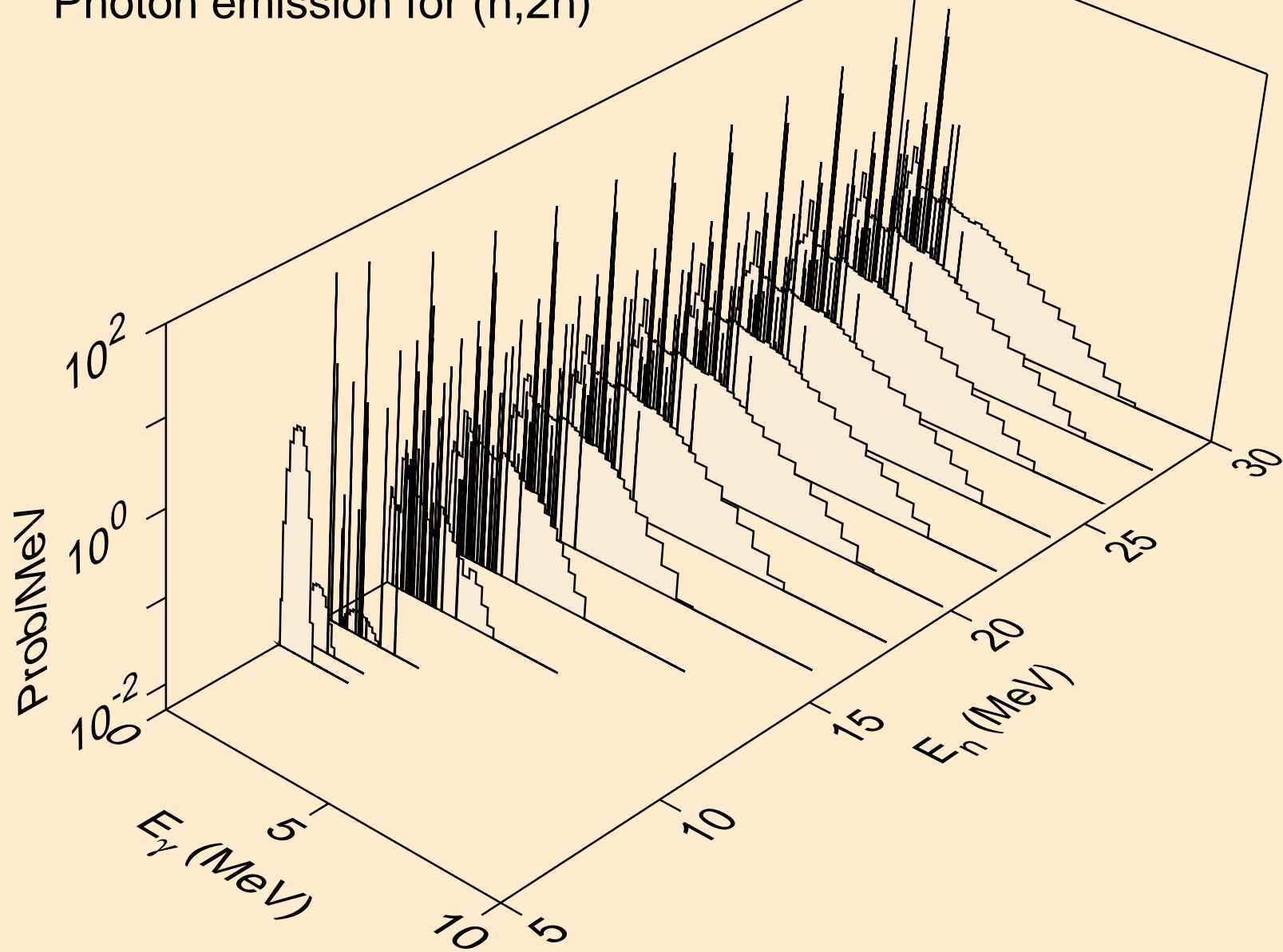
GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



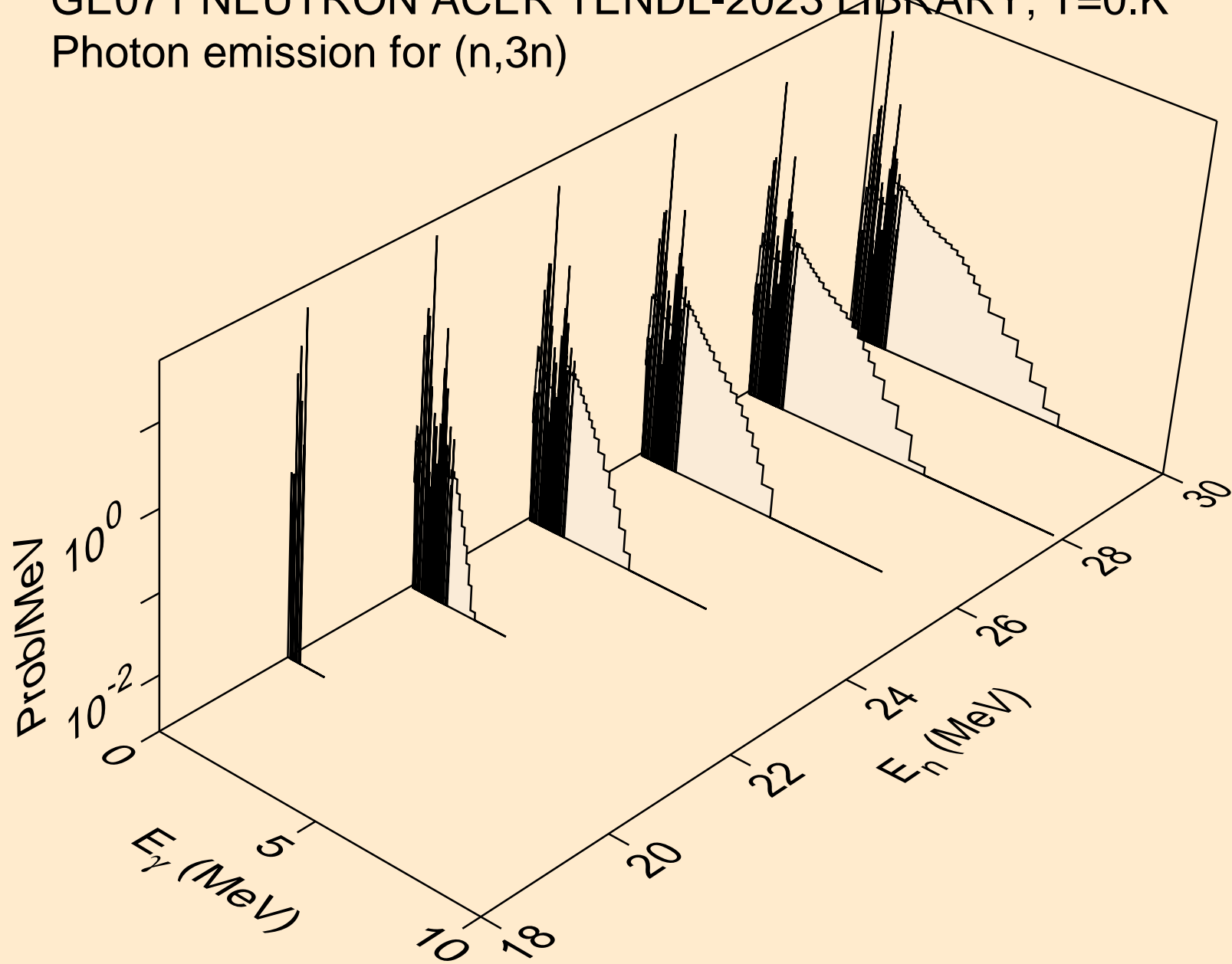
GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



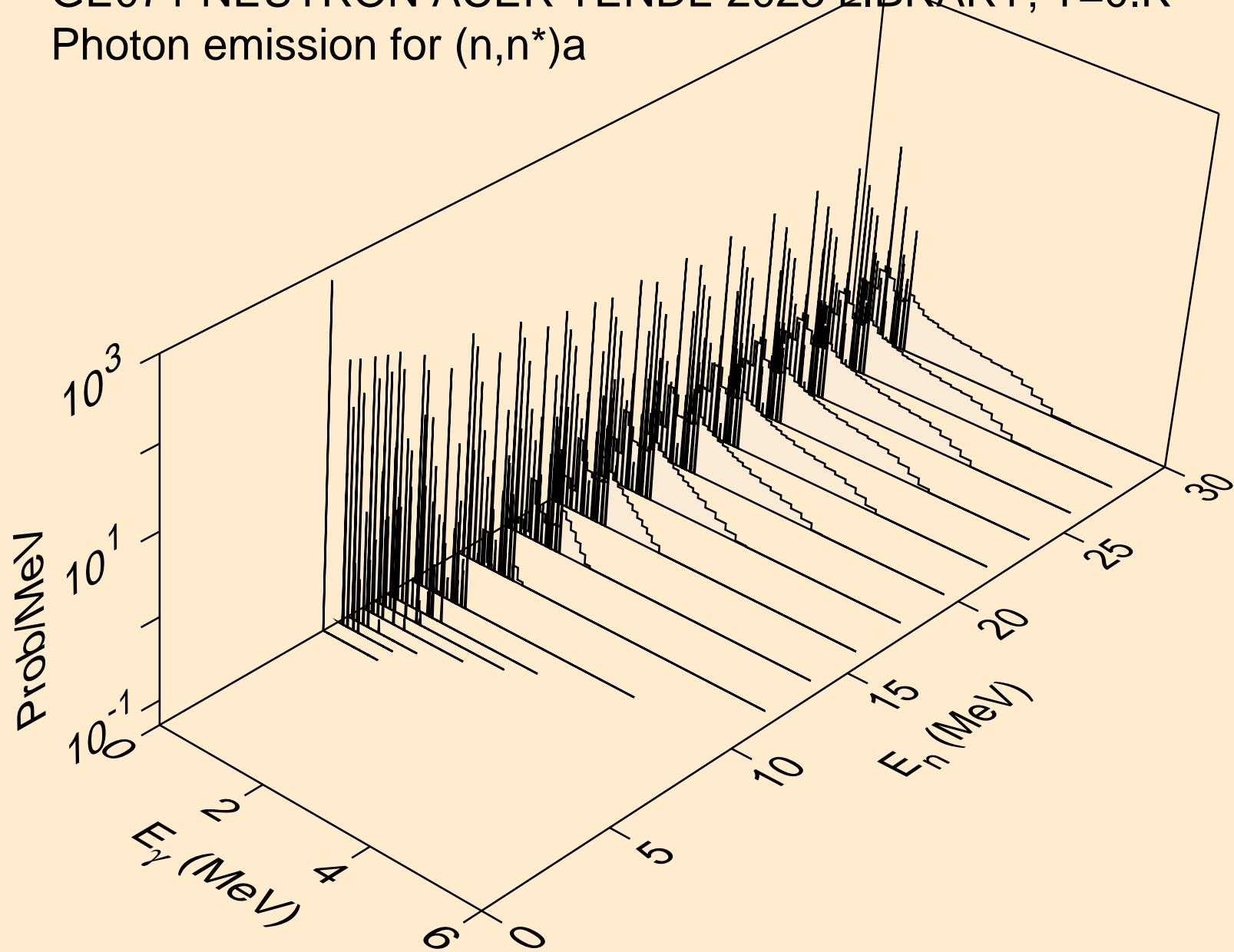
GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)

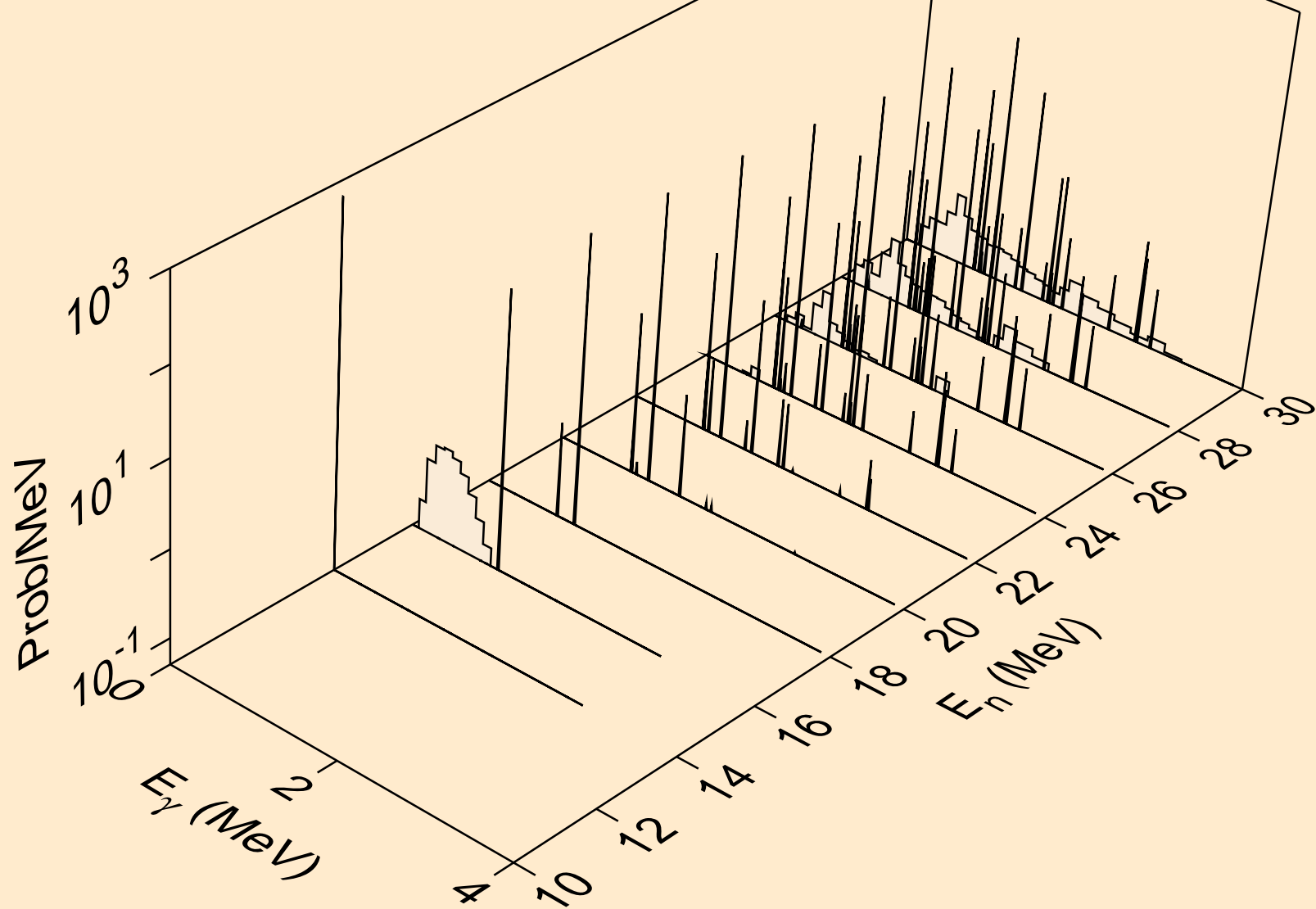


GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

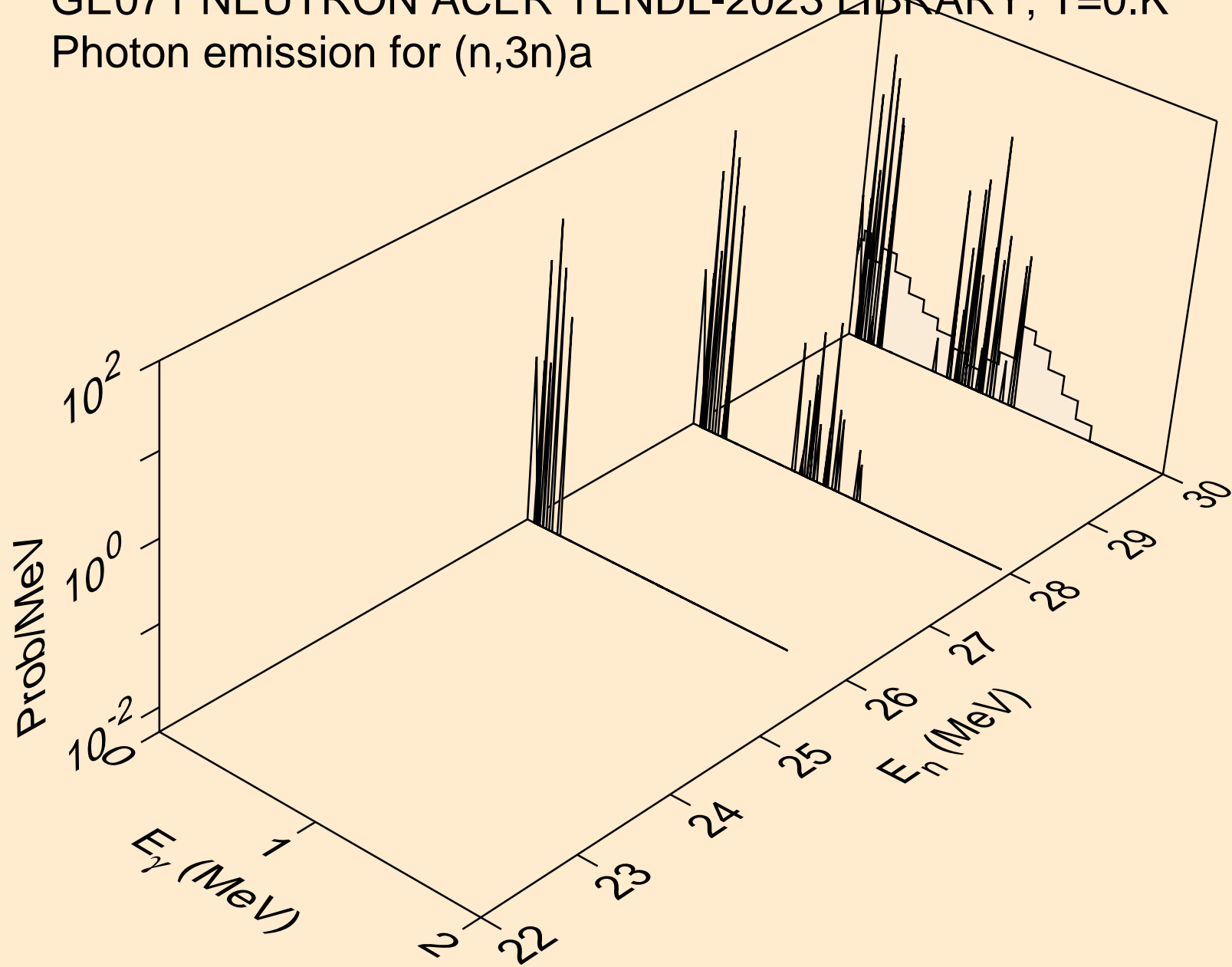




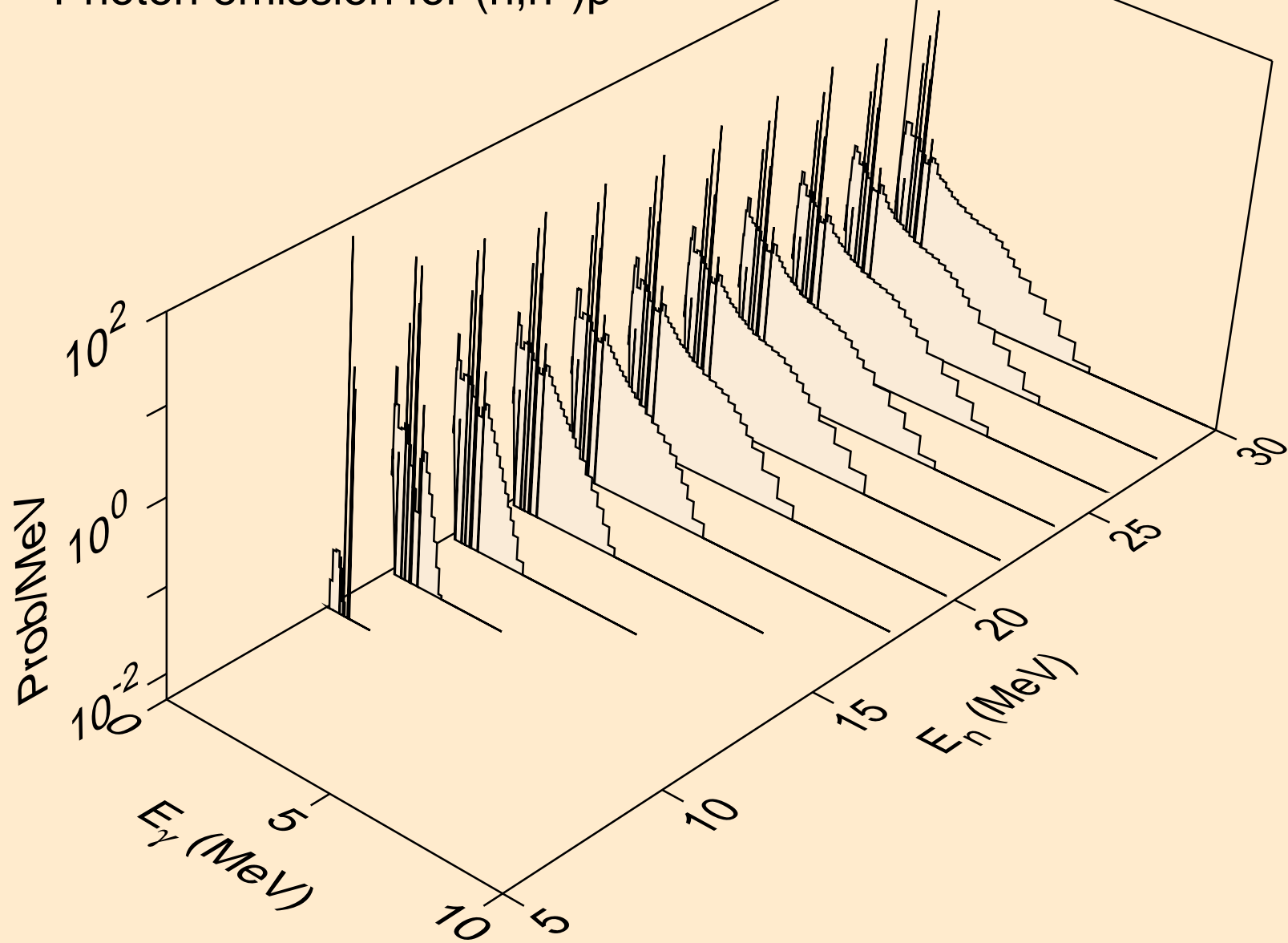
GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



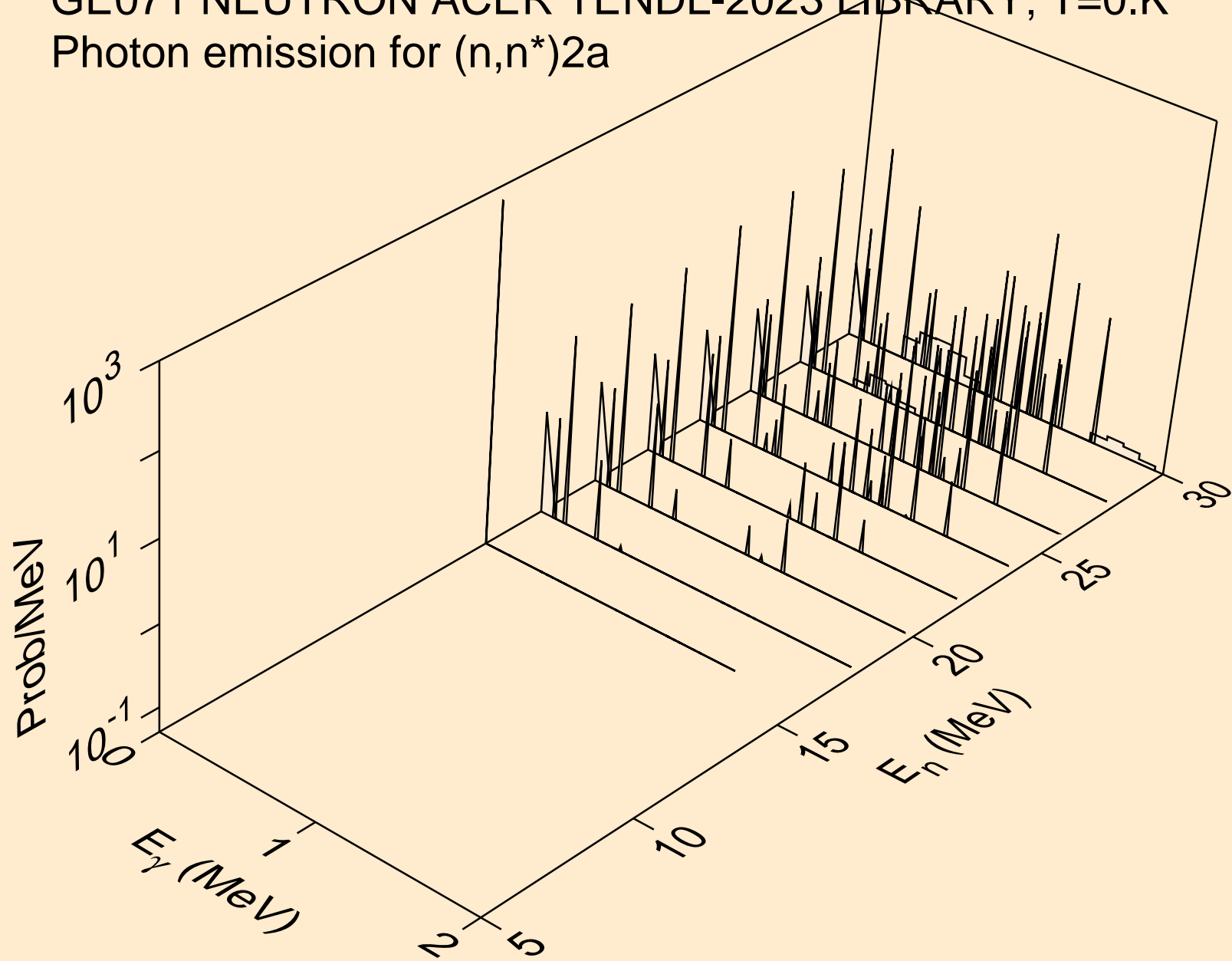
GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



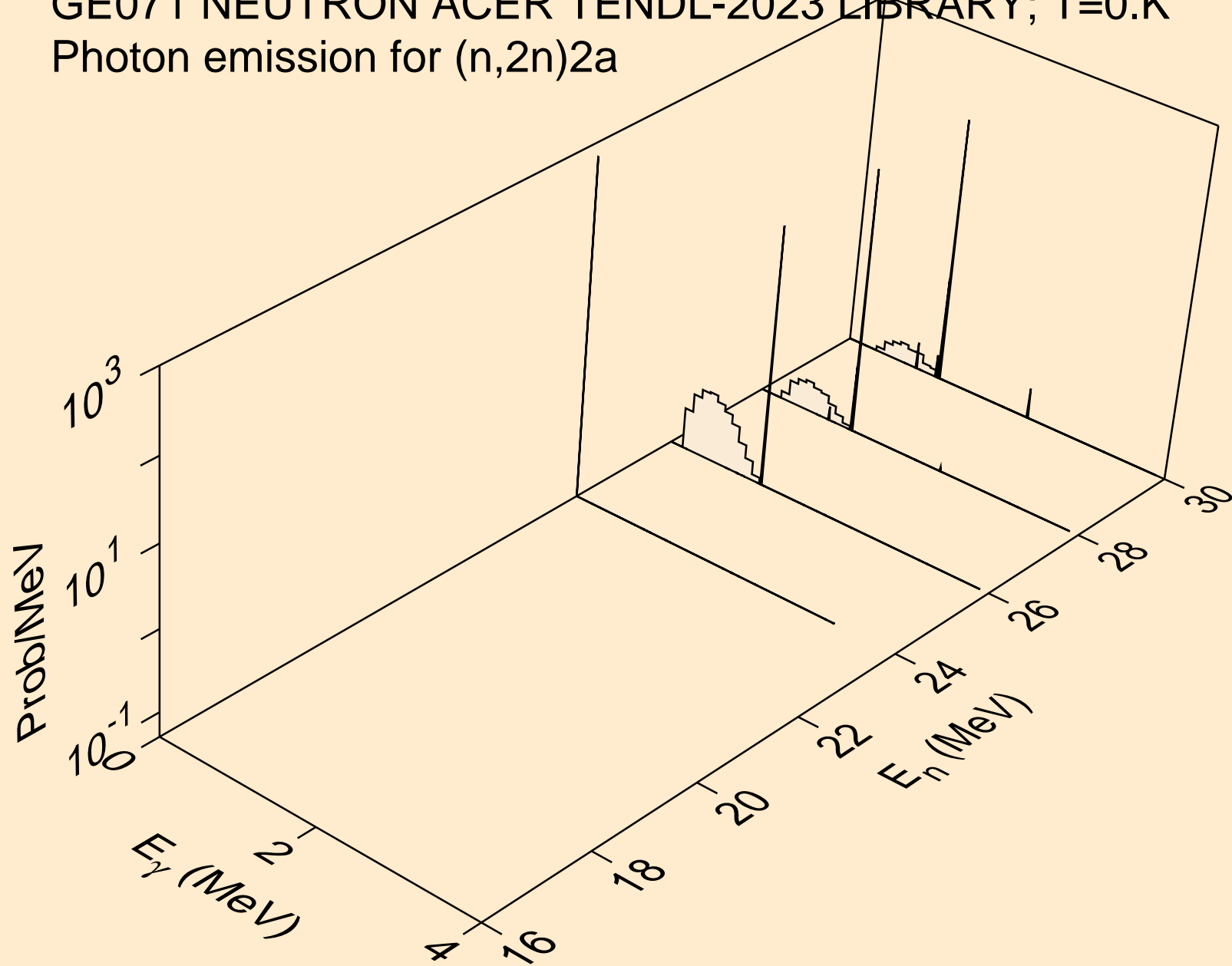
GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



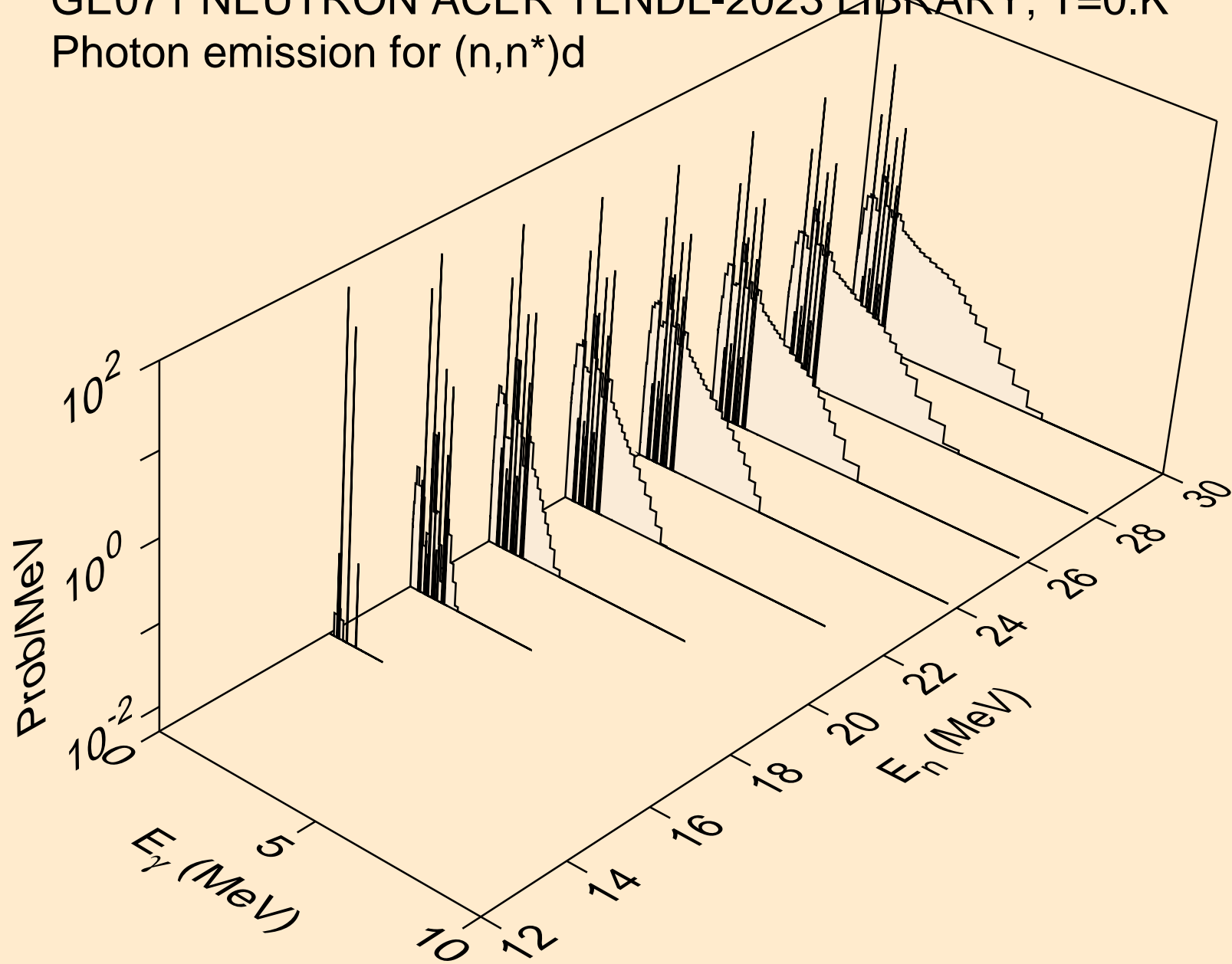
GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



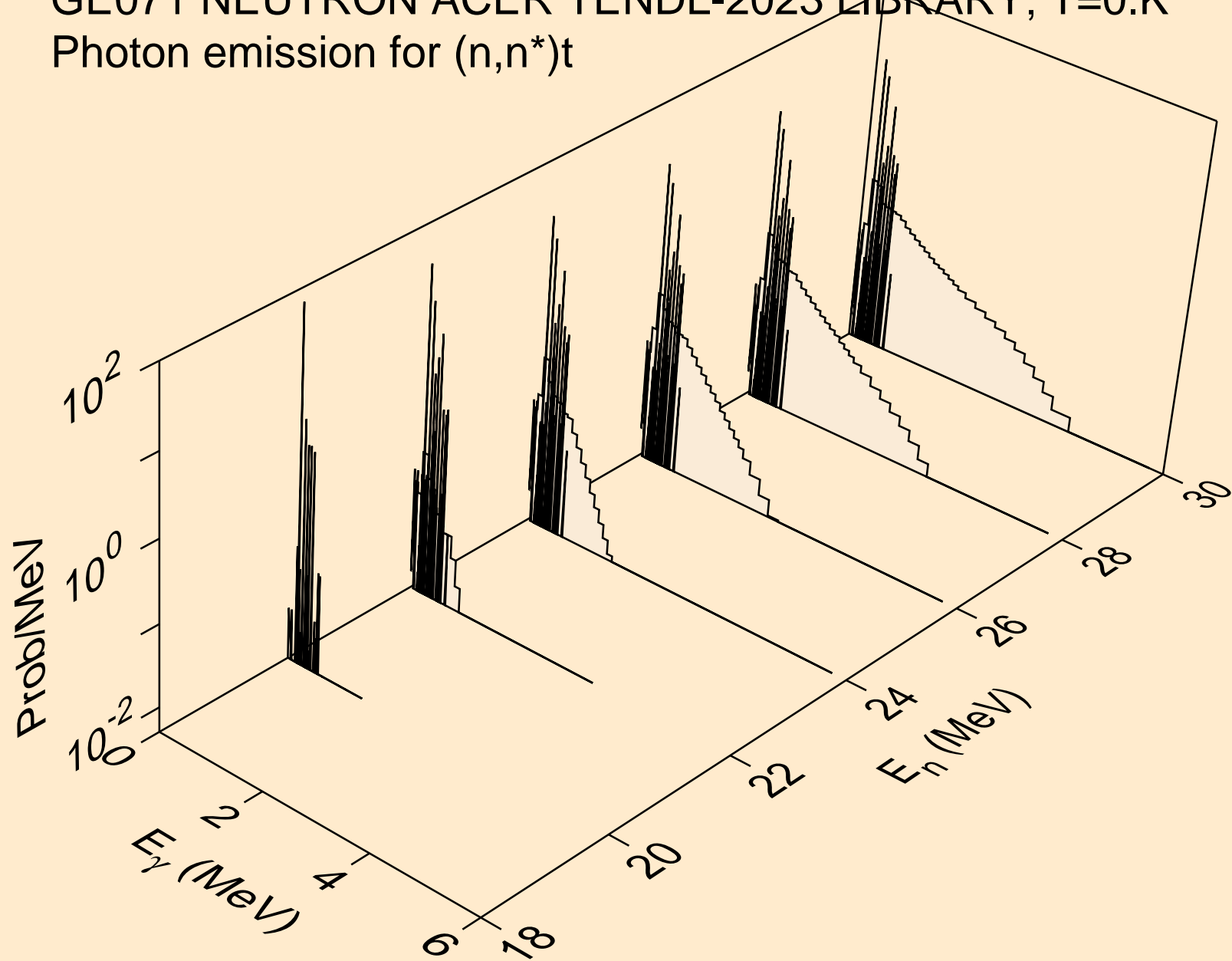
GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)2a



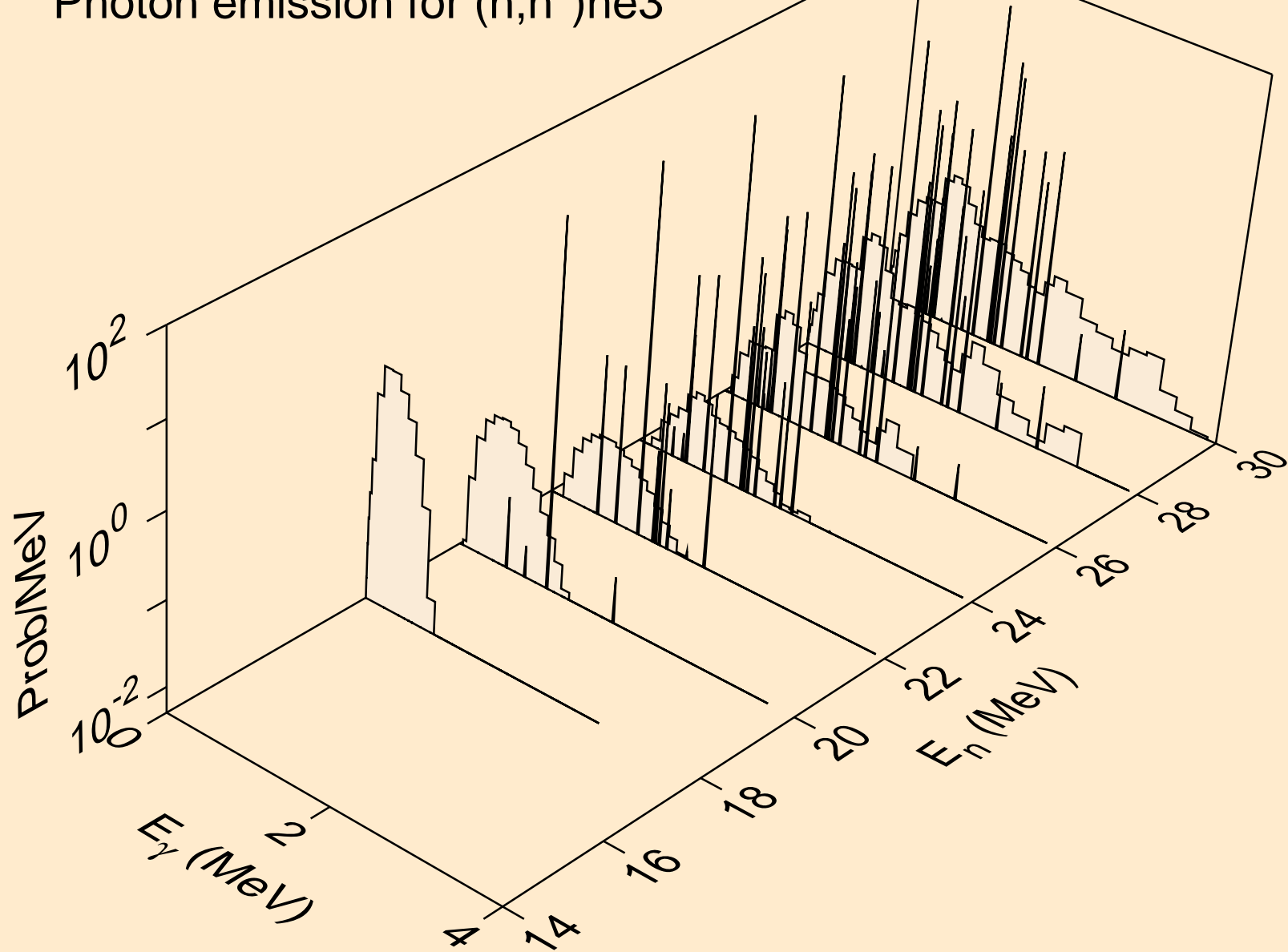
GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

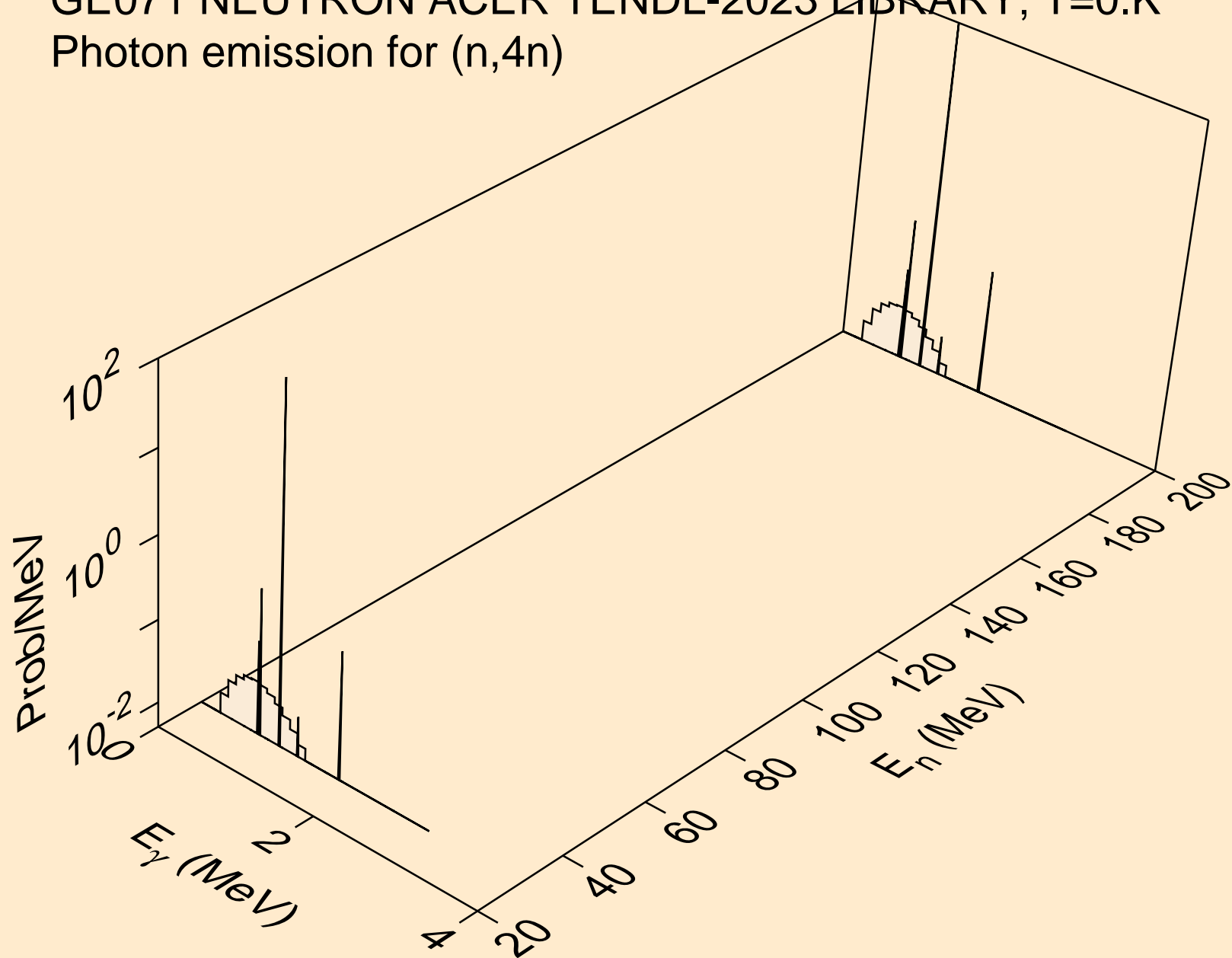


GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

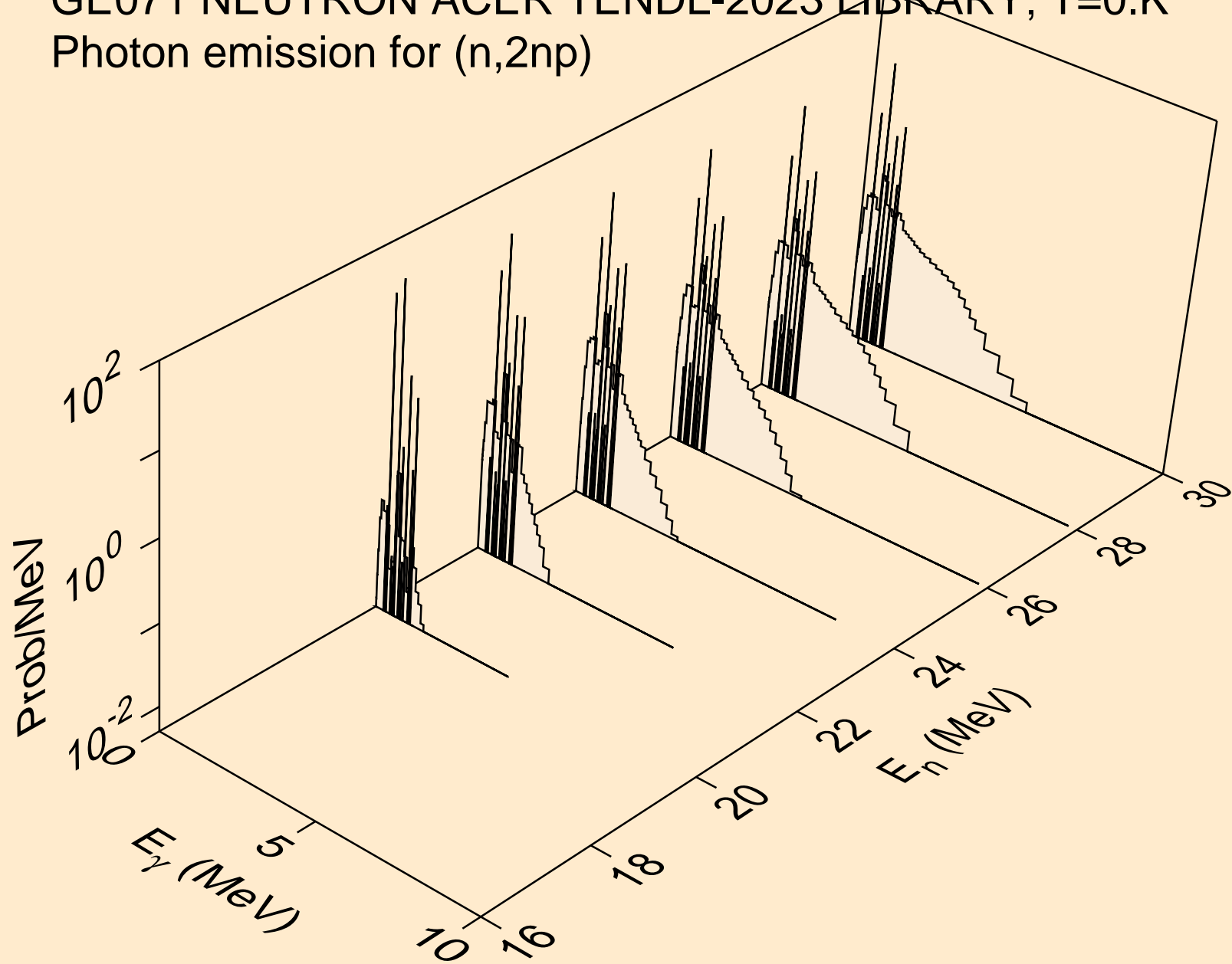




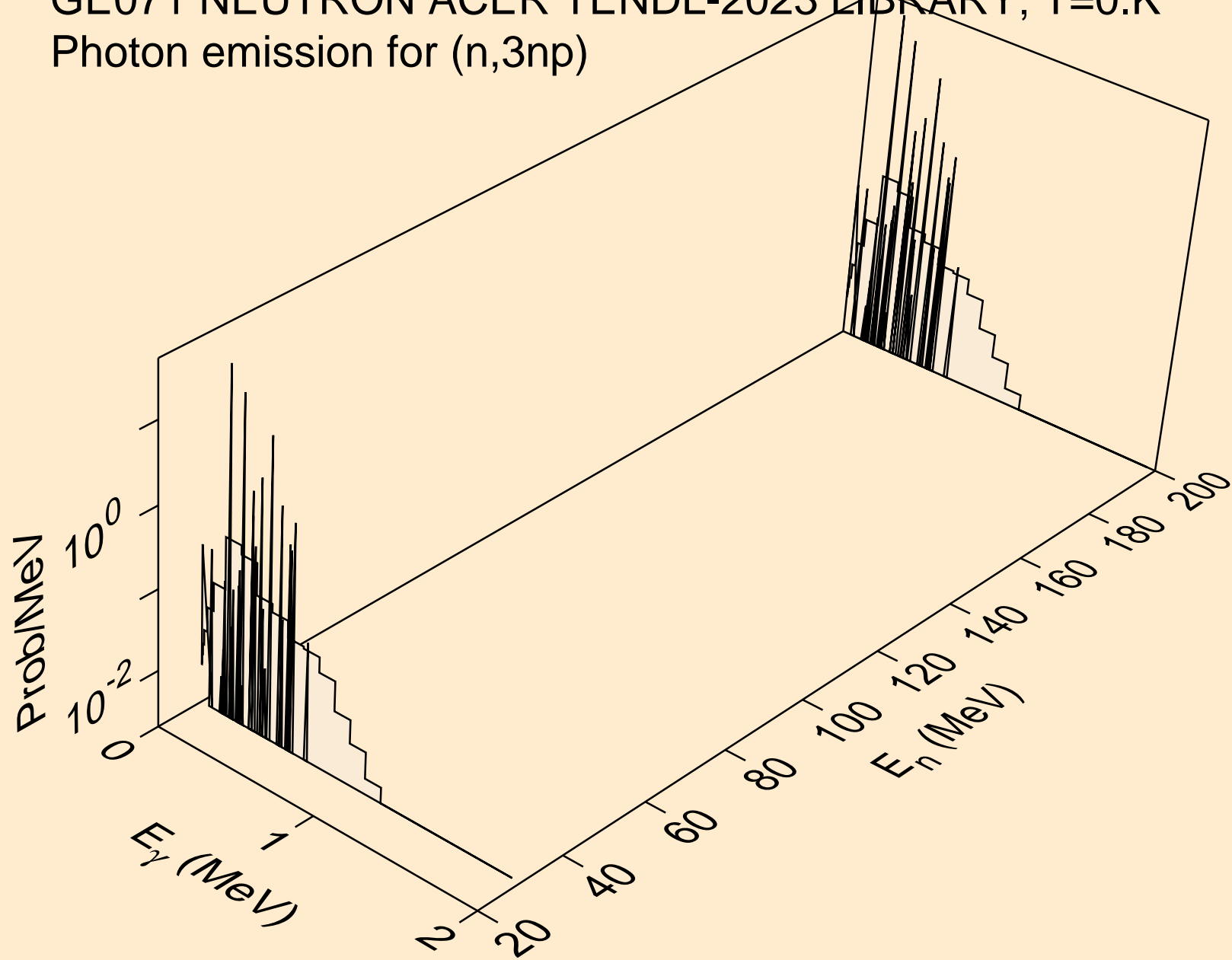
GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



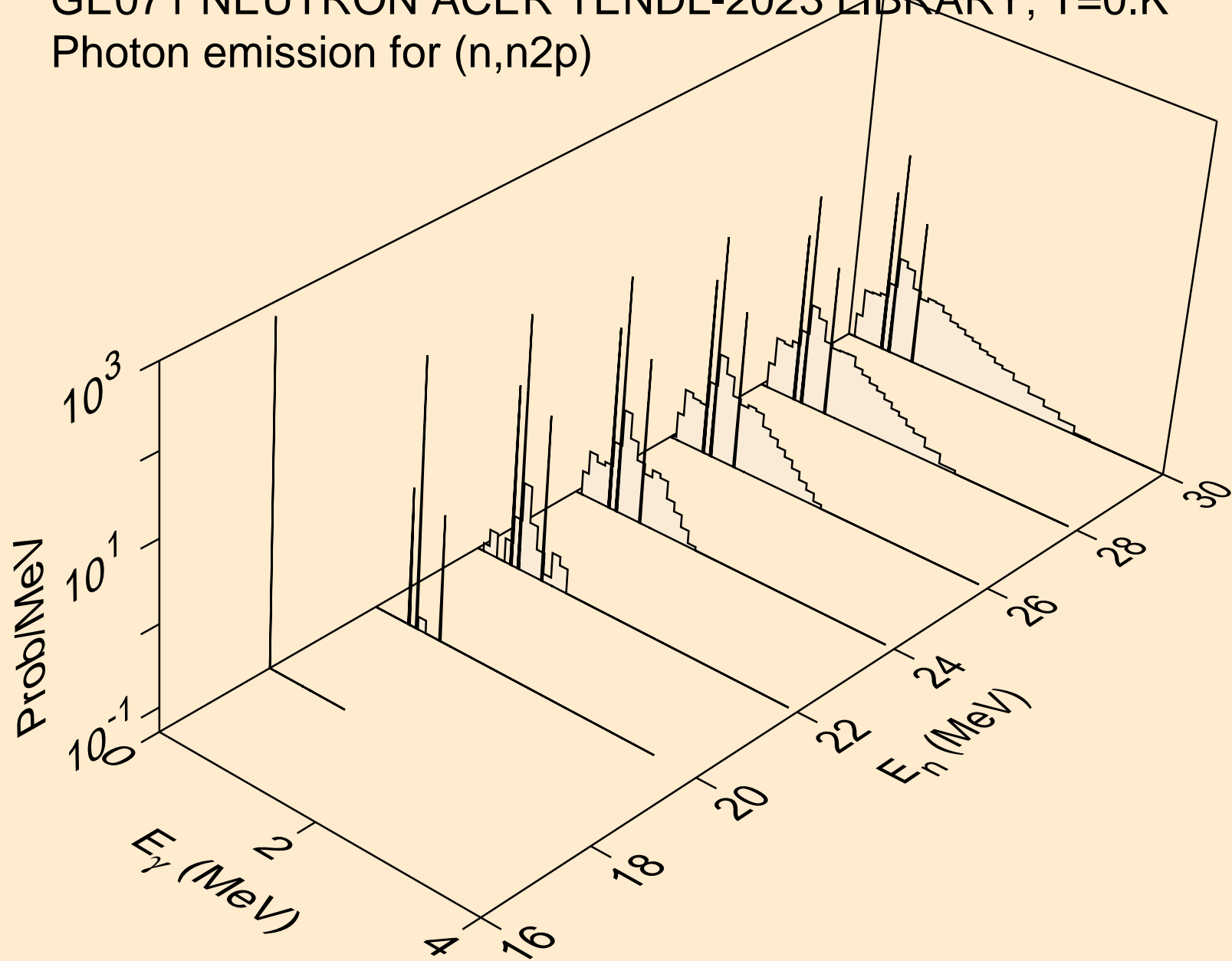
GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



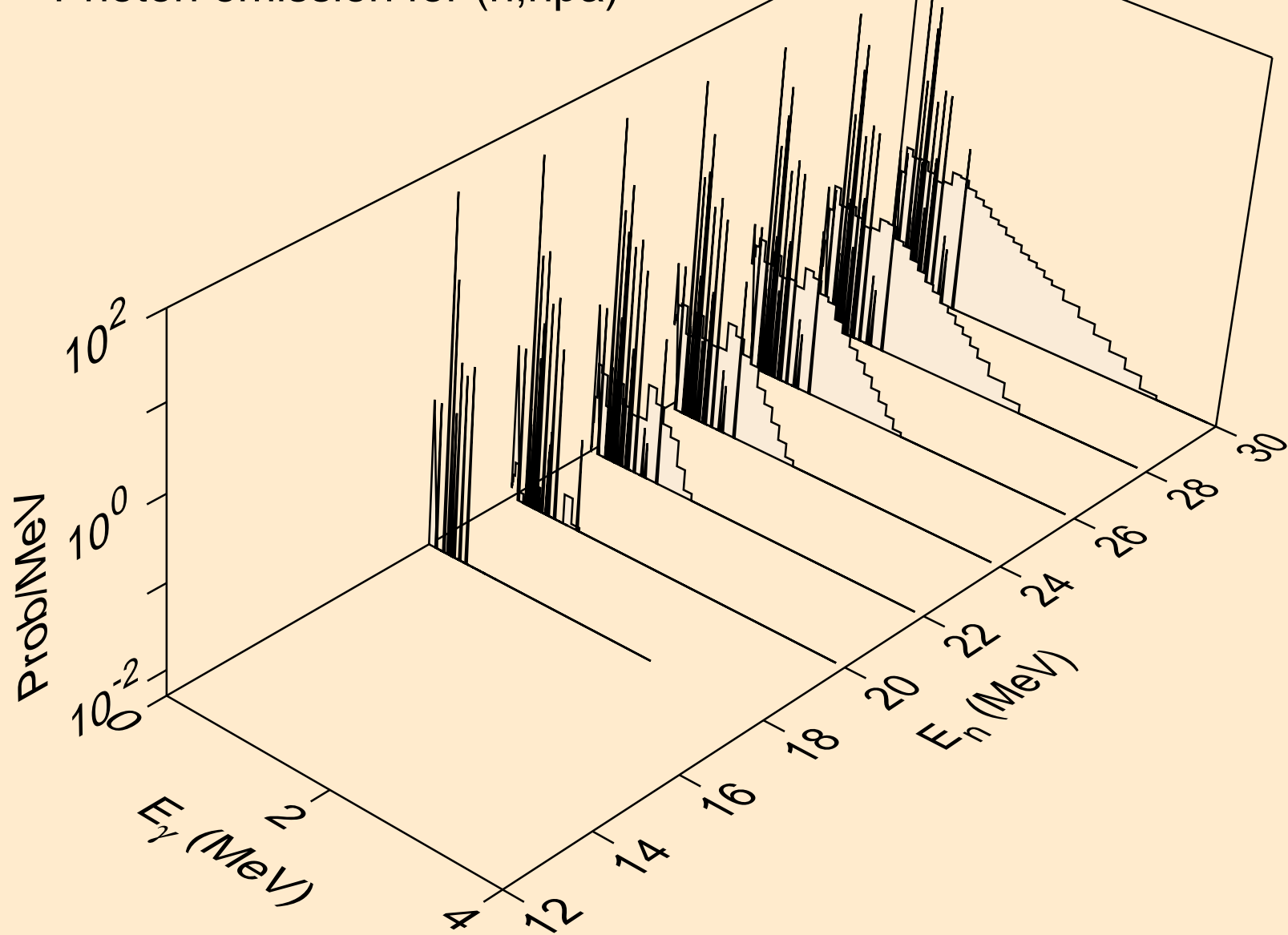
GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



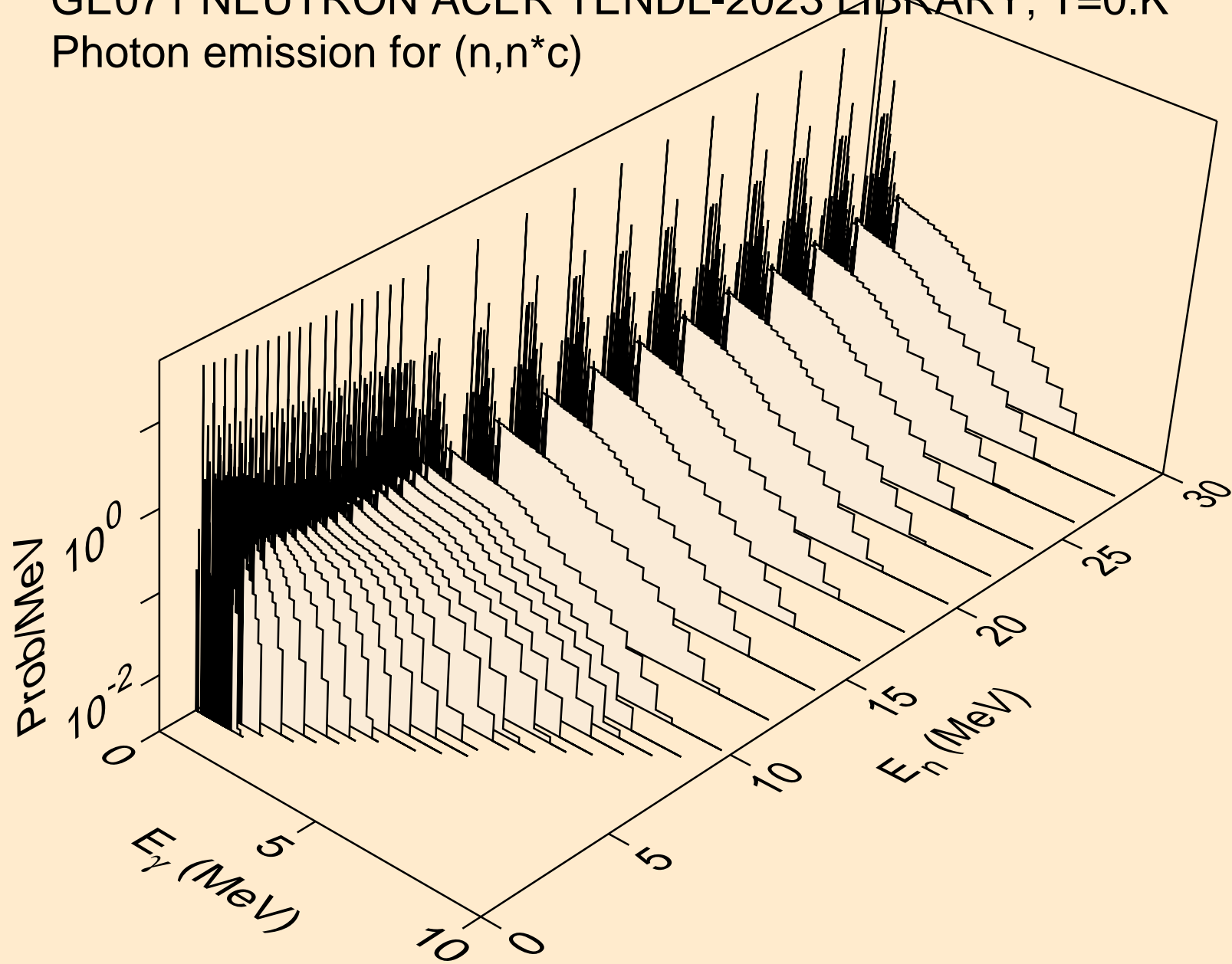
GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



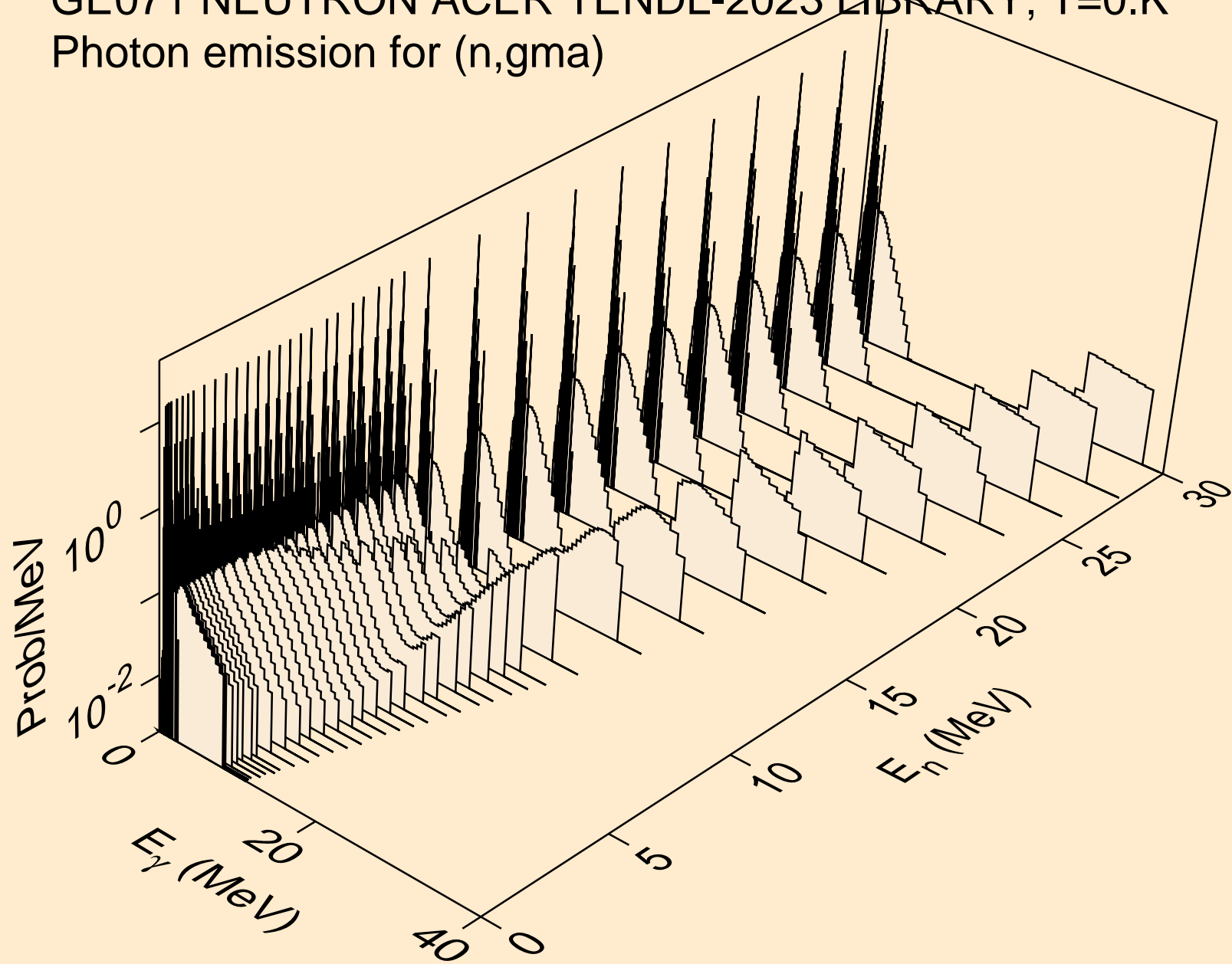
GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



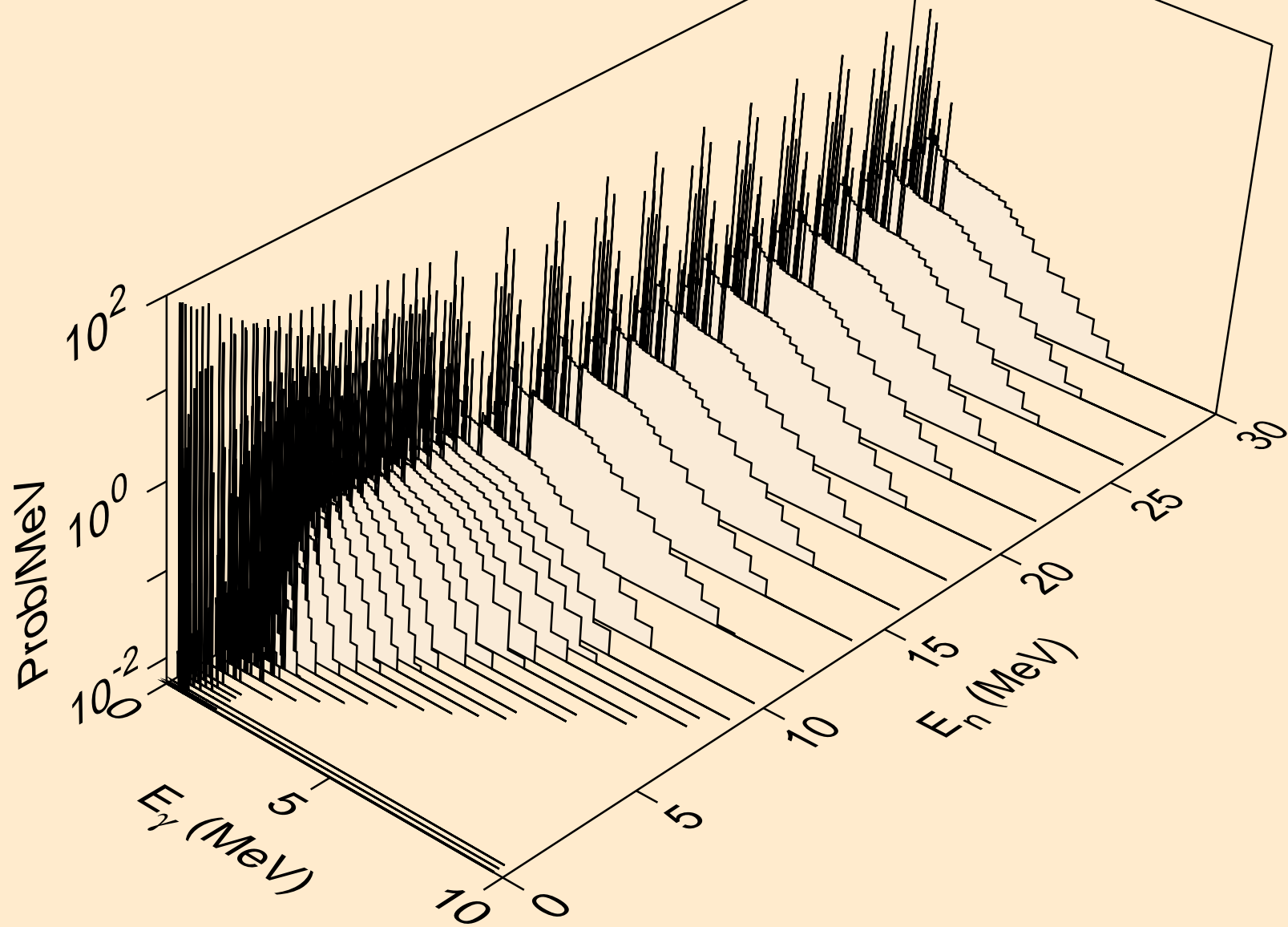
GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)

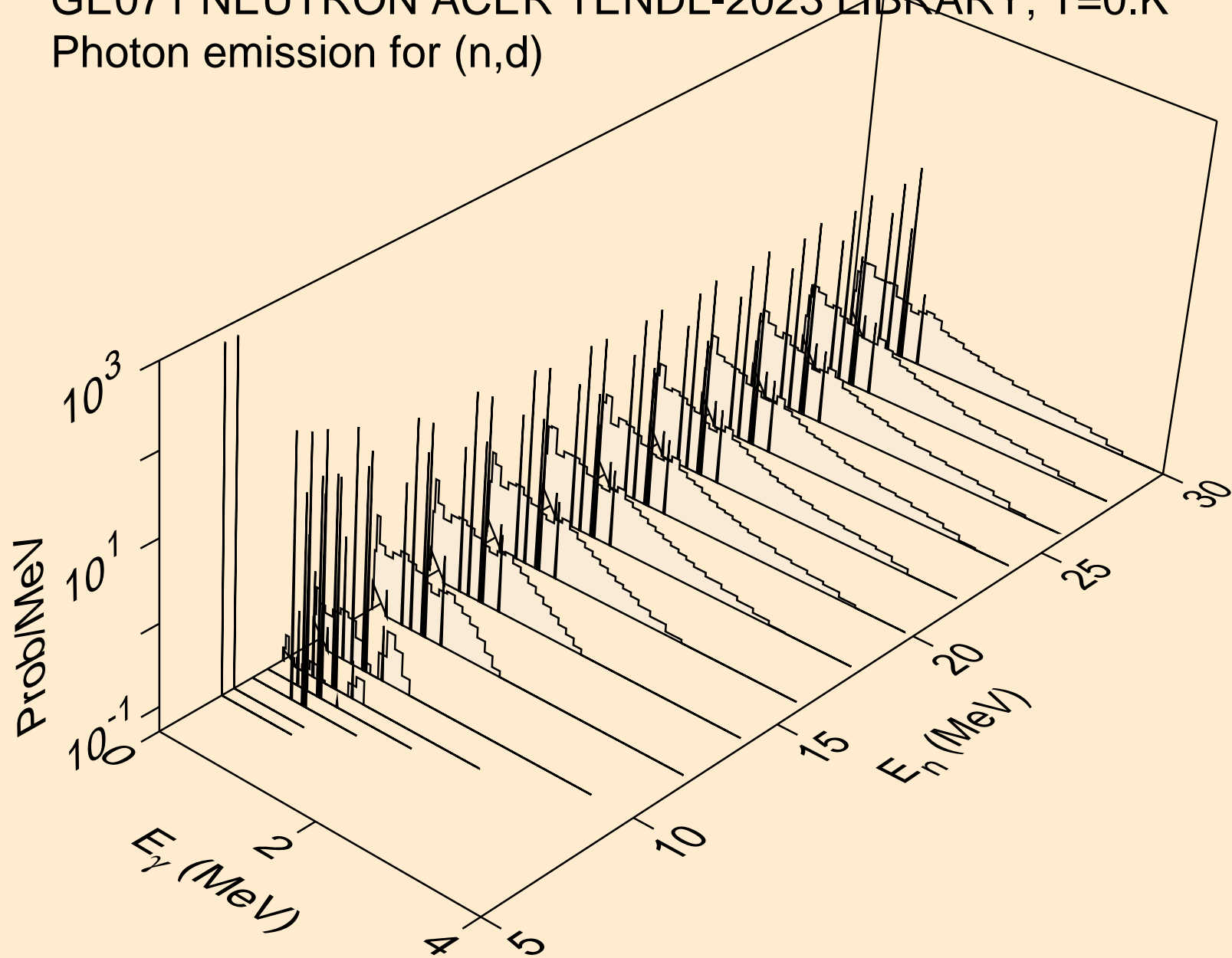


GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)

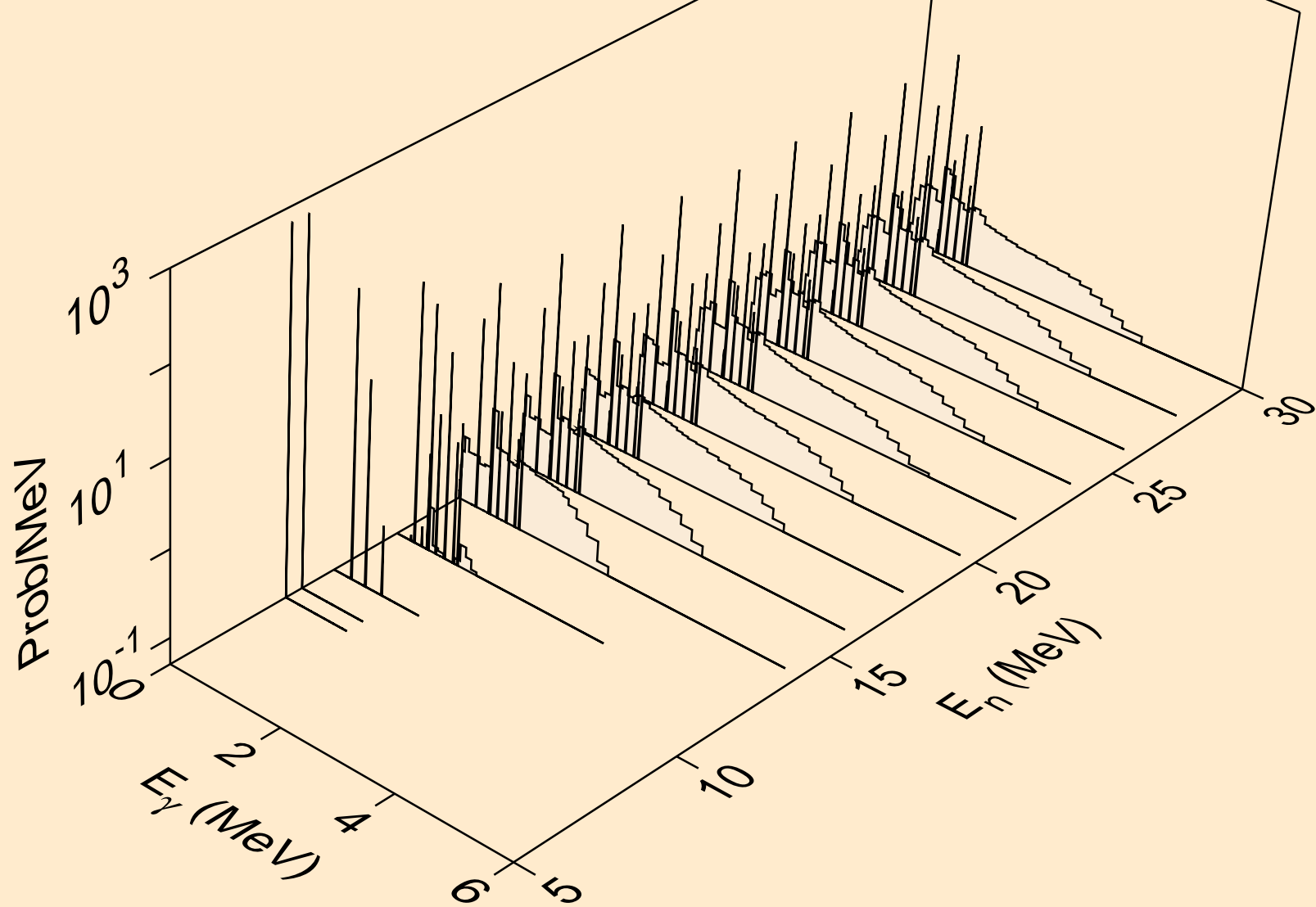




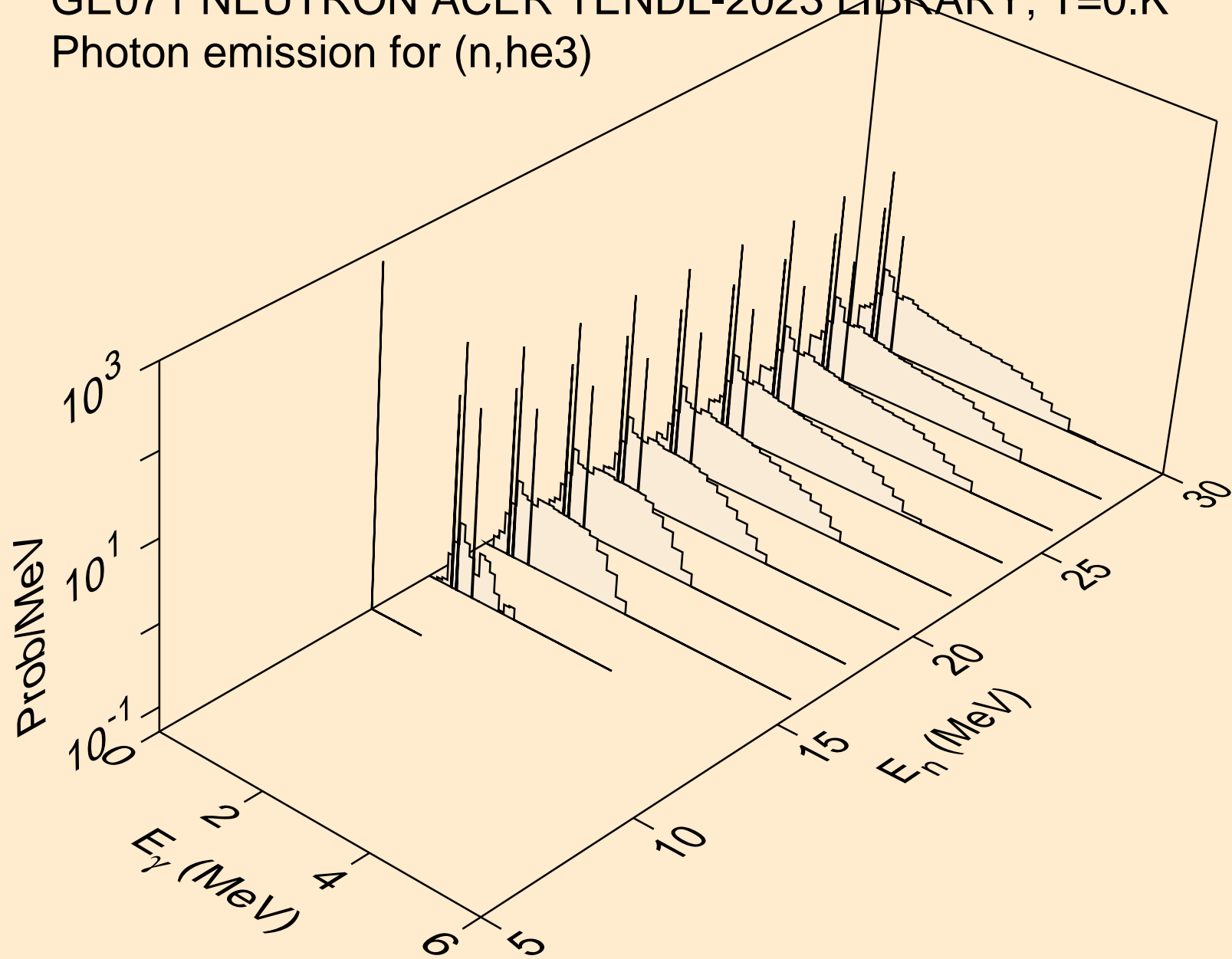
GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



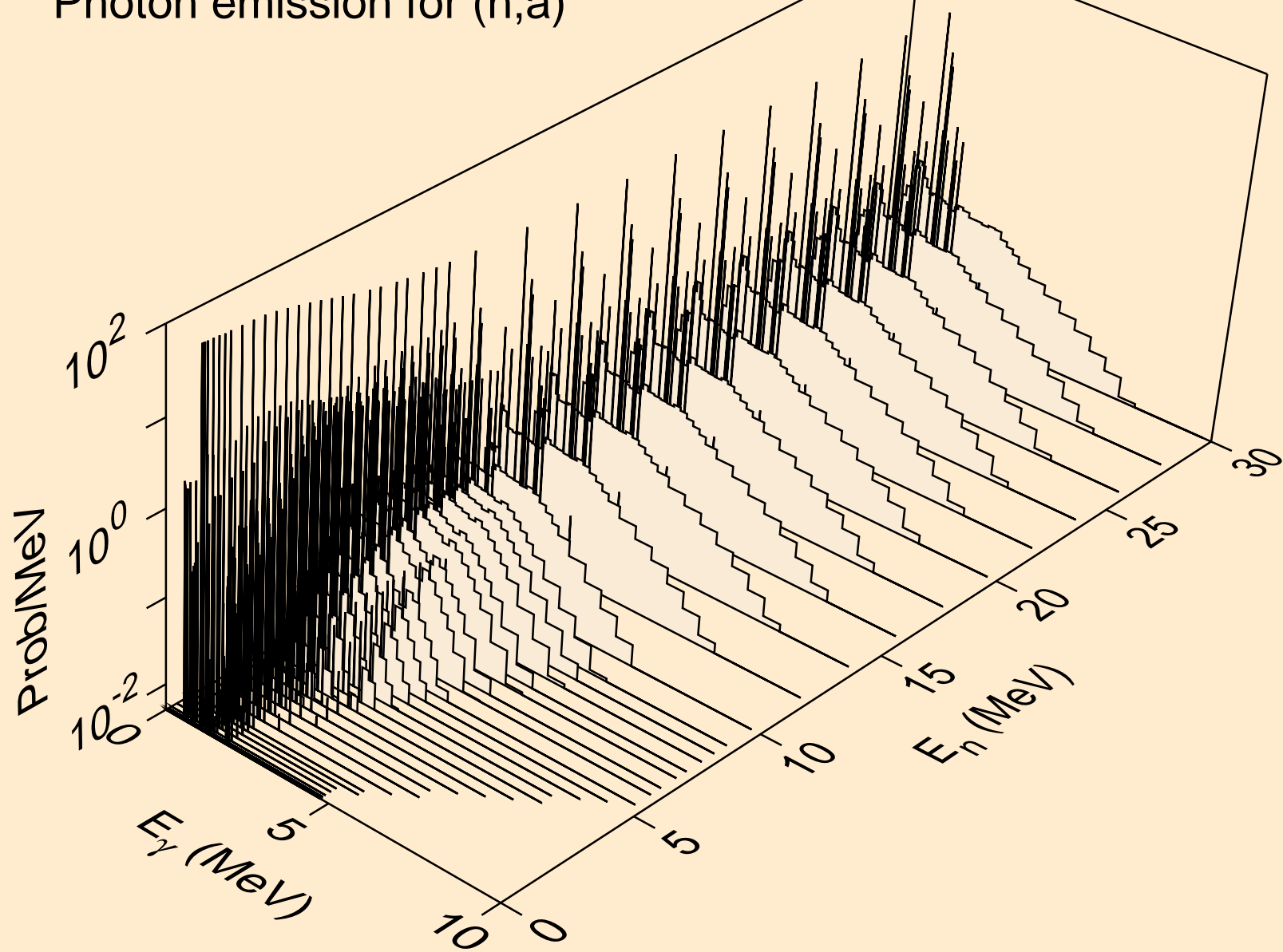
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Photon emission for (n,t)



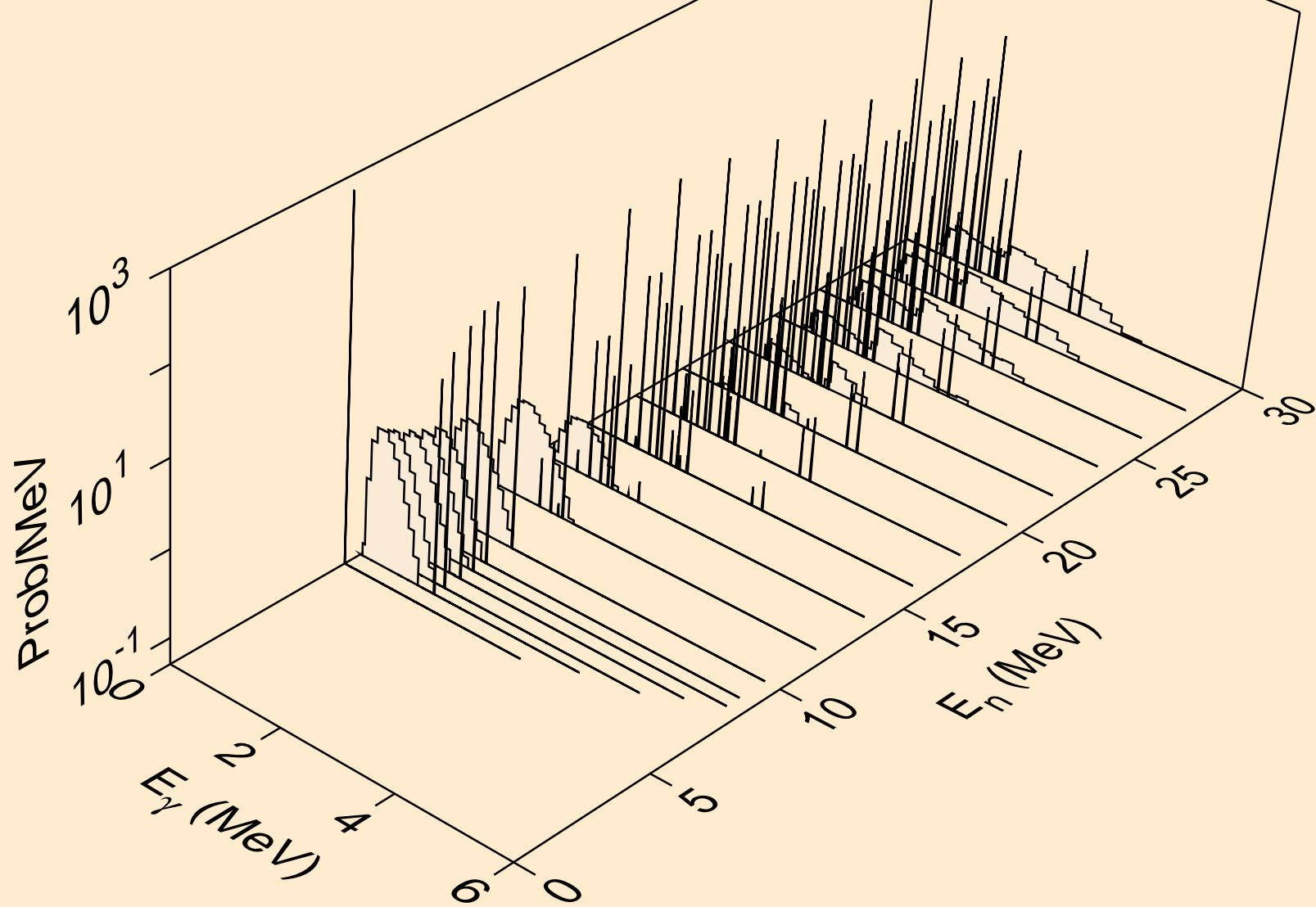
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Photon emission for (n,he3)



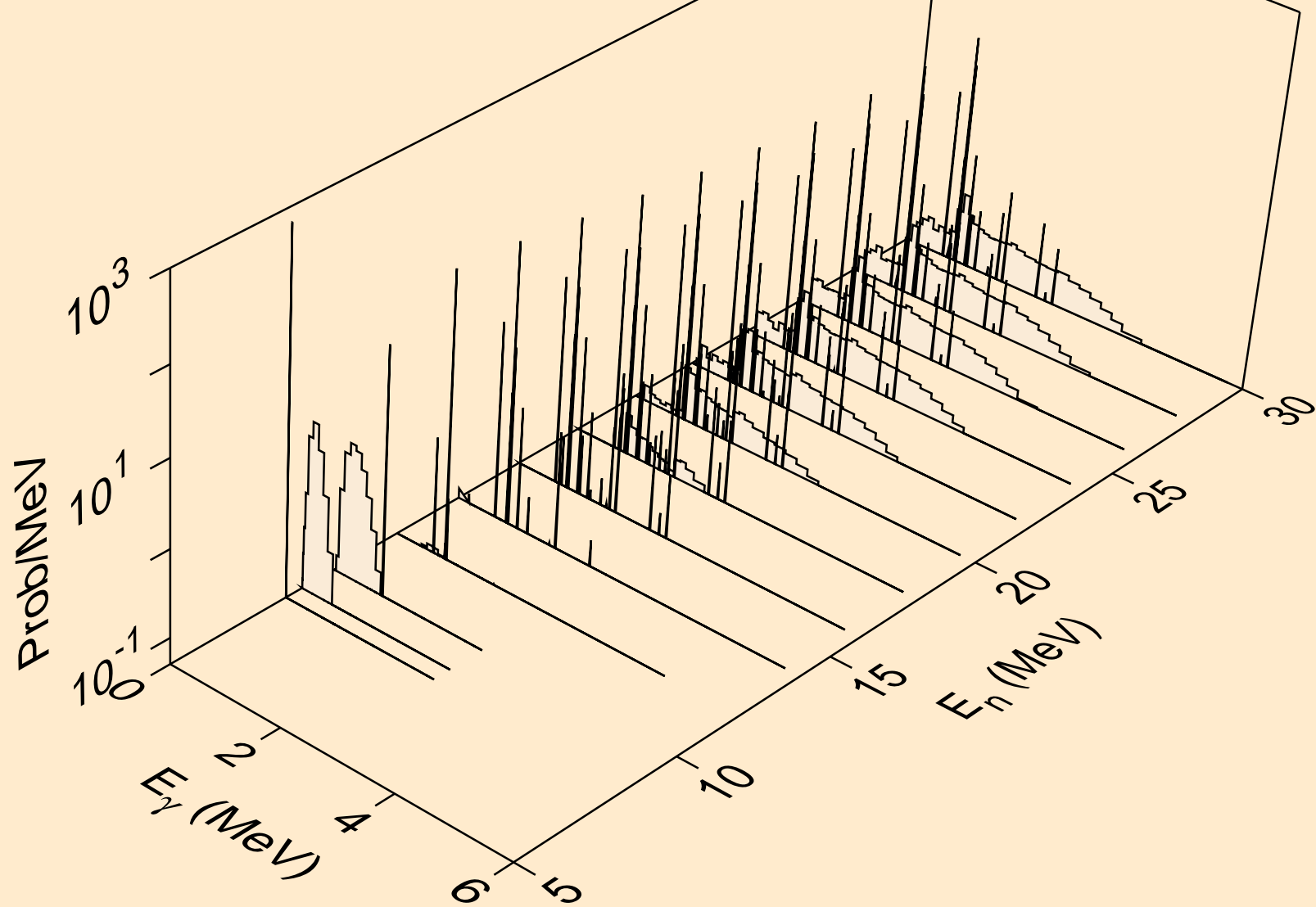
GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



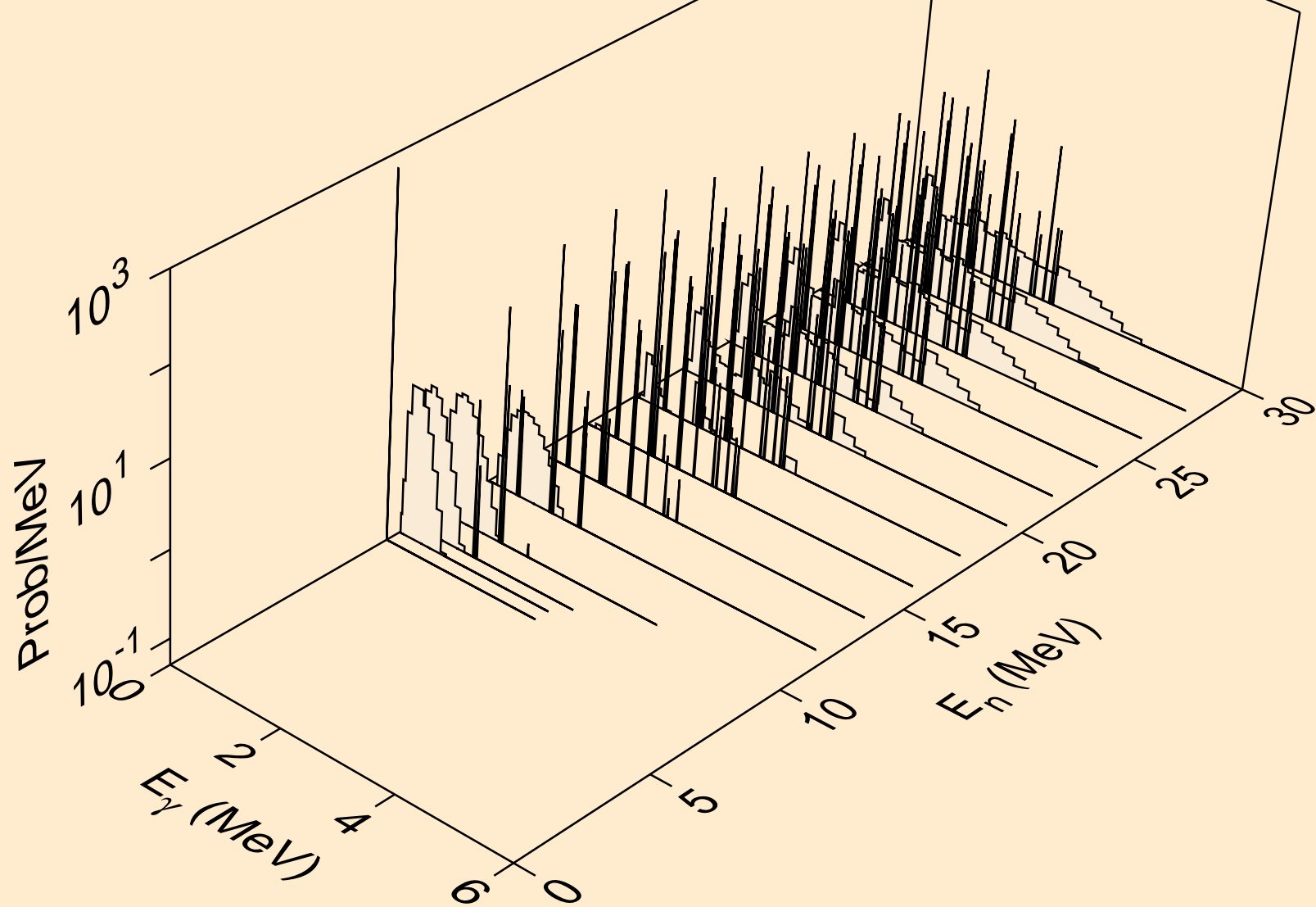
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Photon emission for (n,2a)



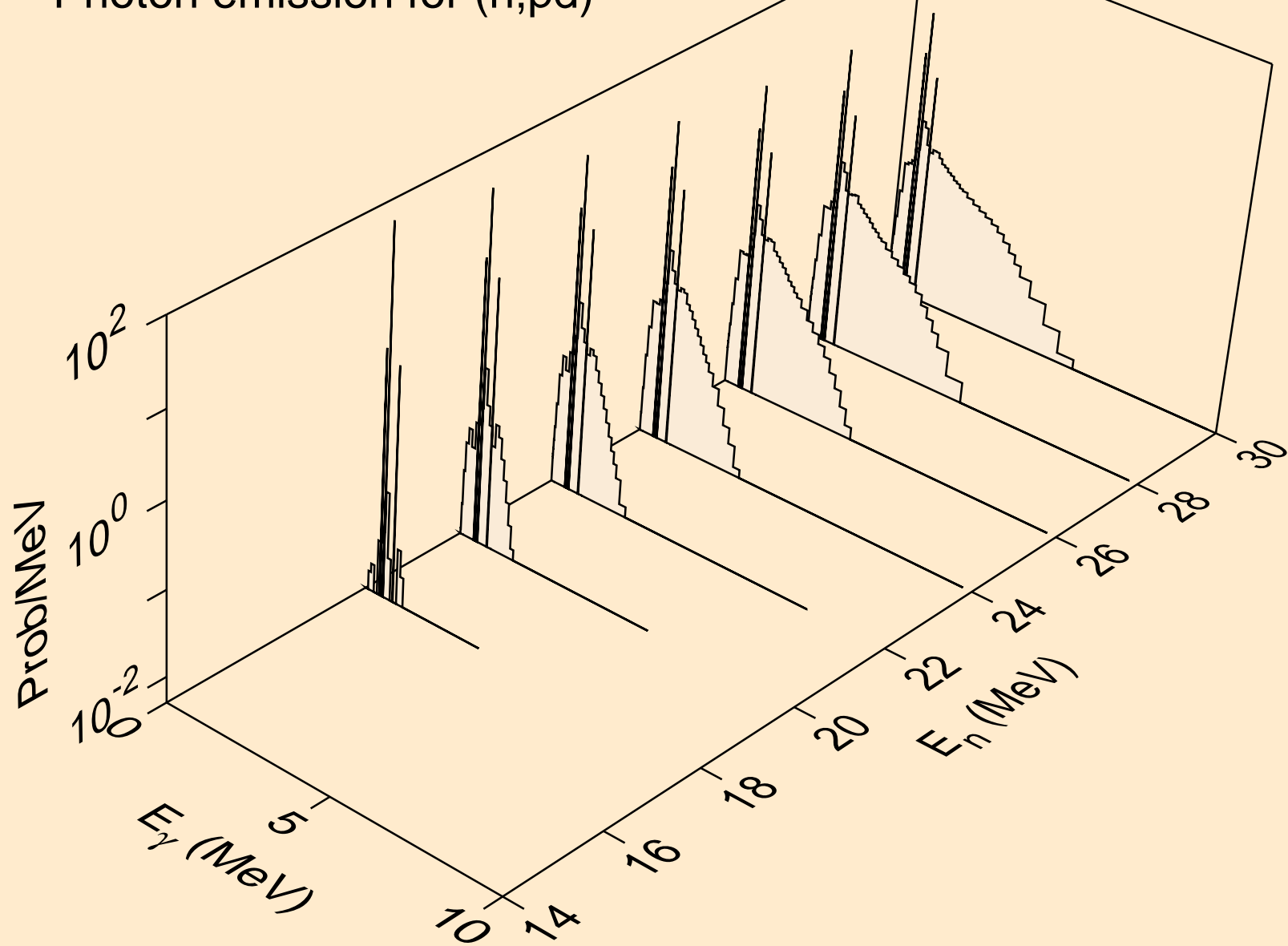
GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)

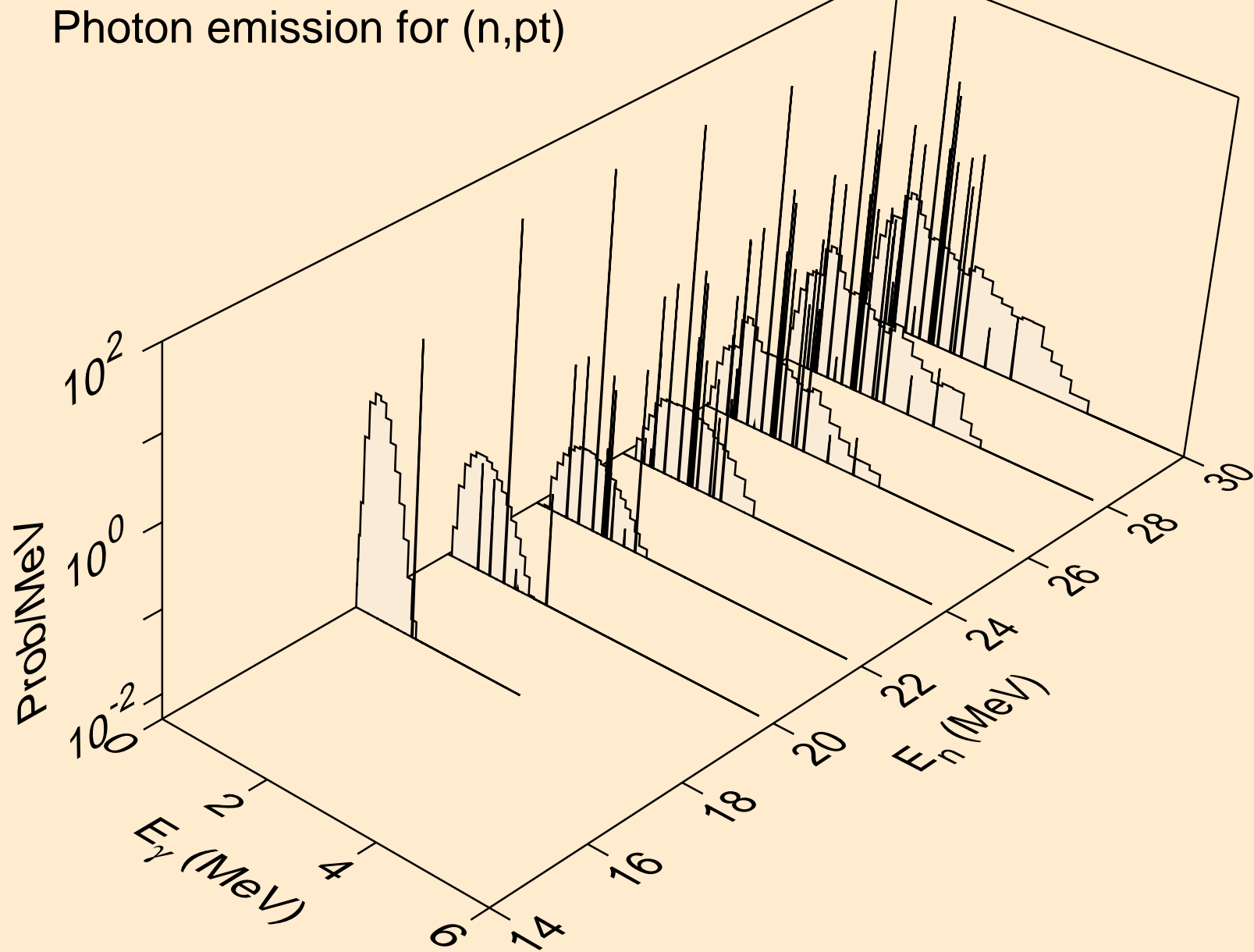


GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)

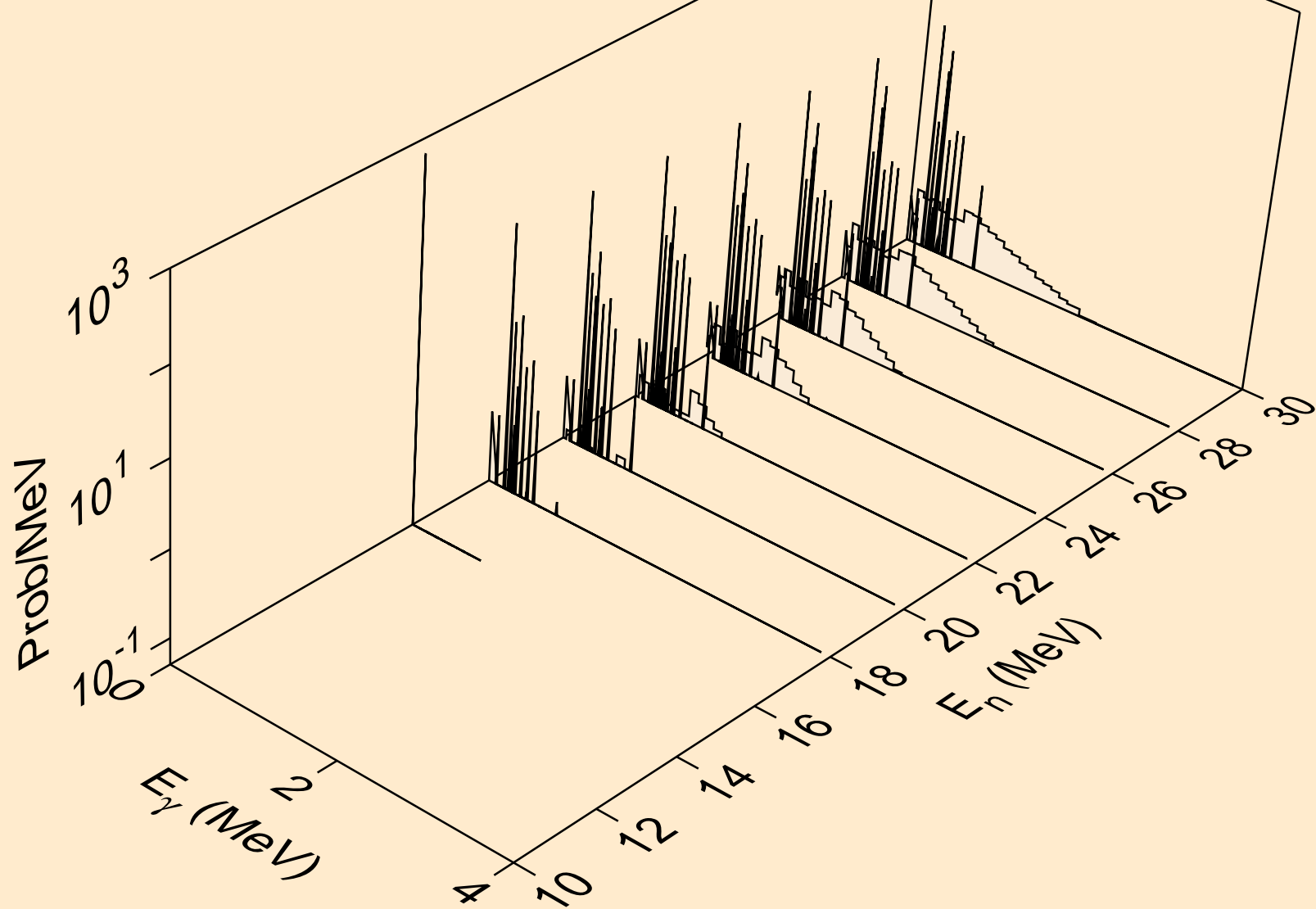




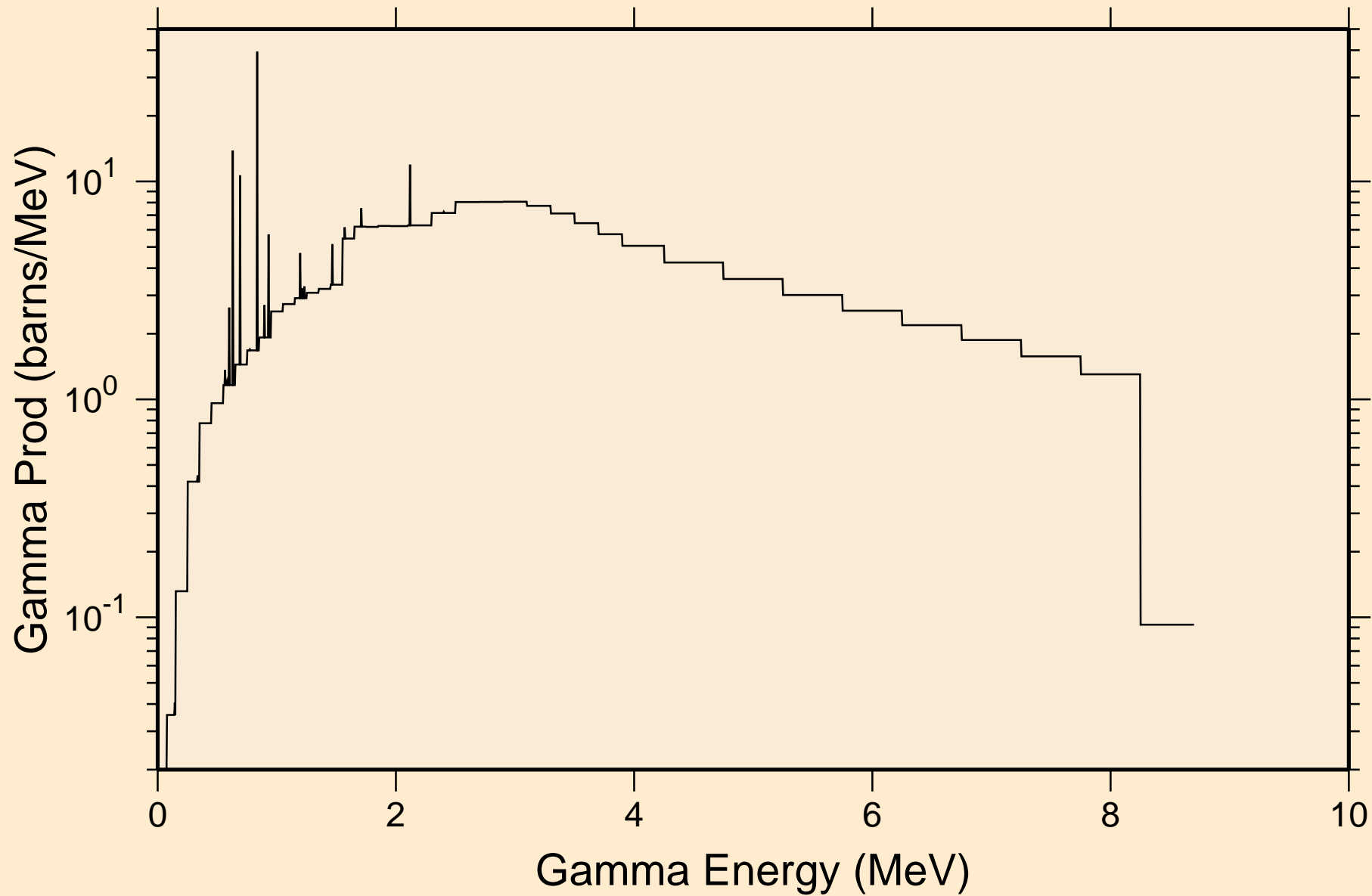
GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



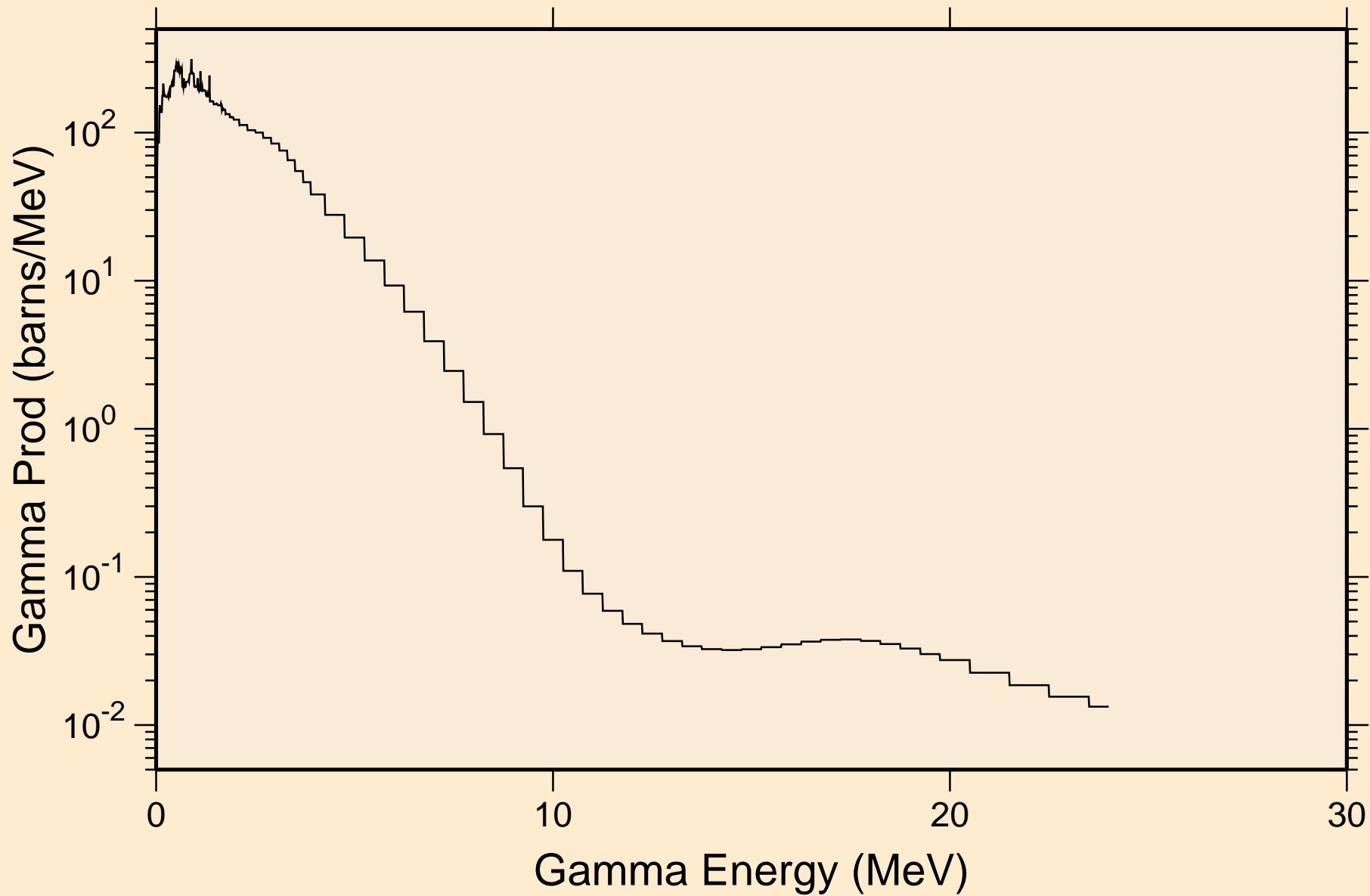
GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

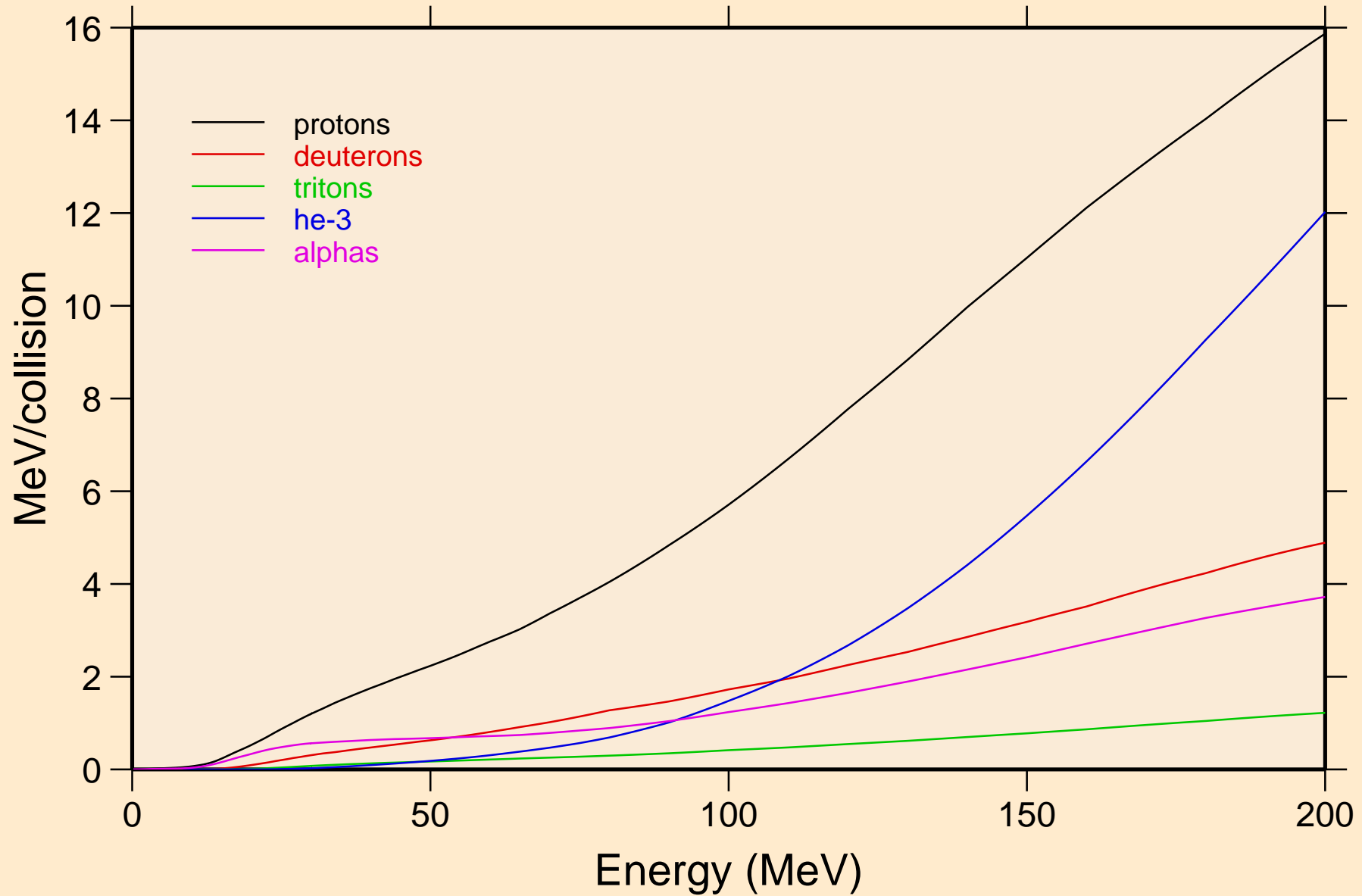


GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum

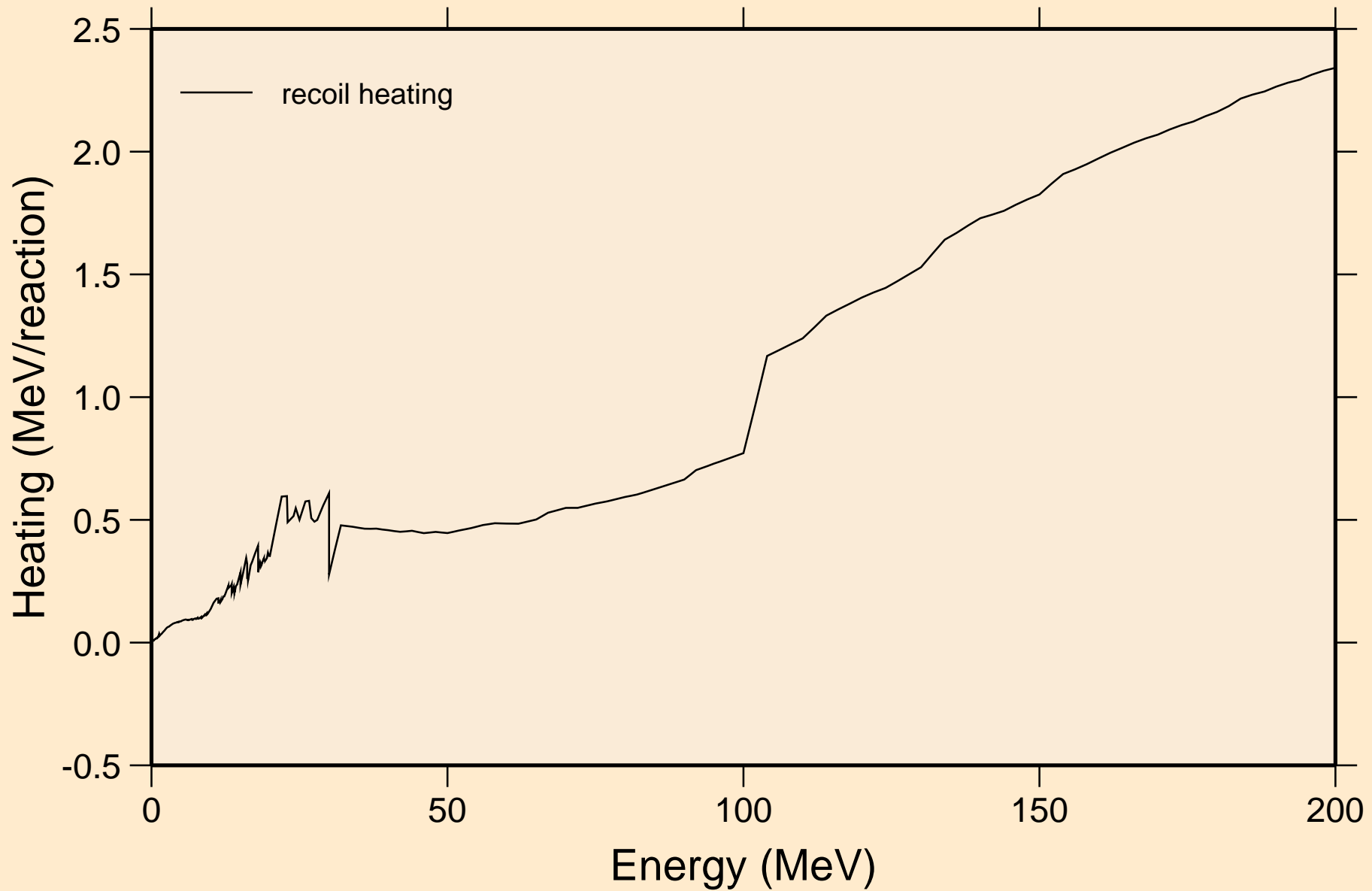


# GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

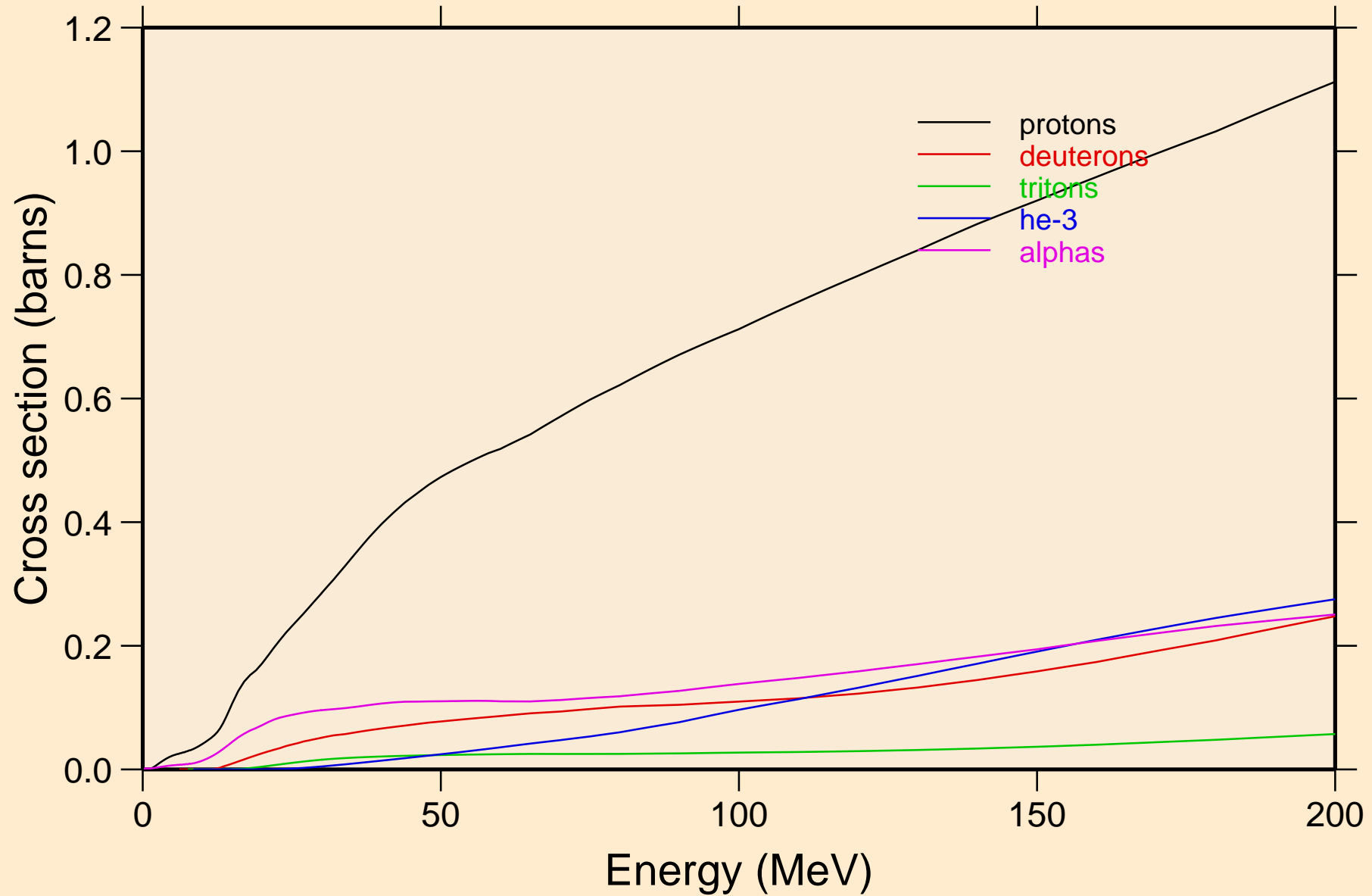
## Particle heating contributions



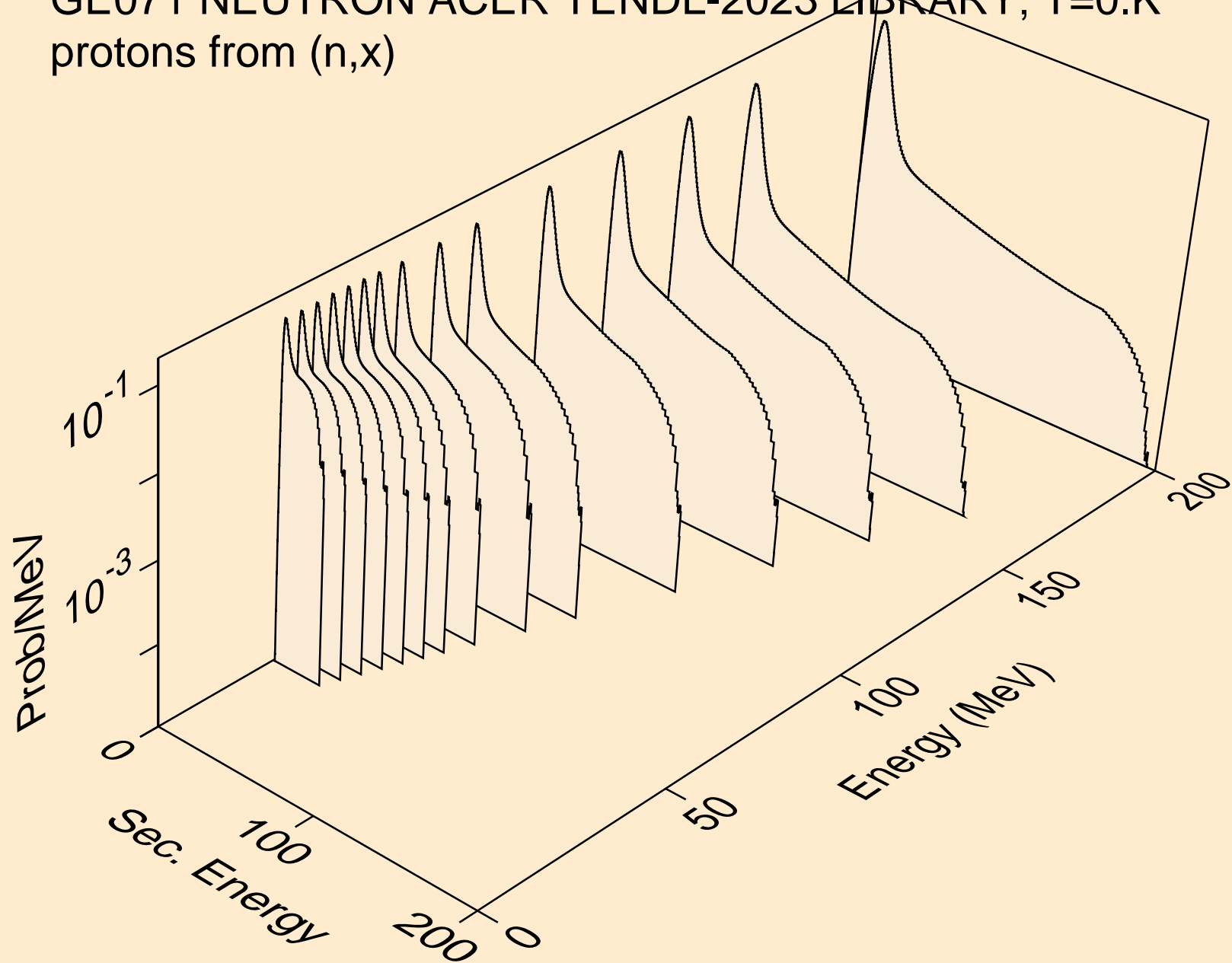
GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections

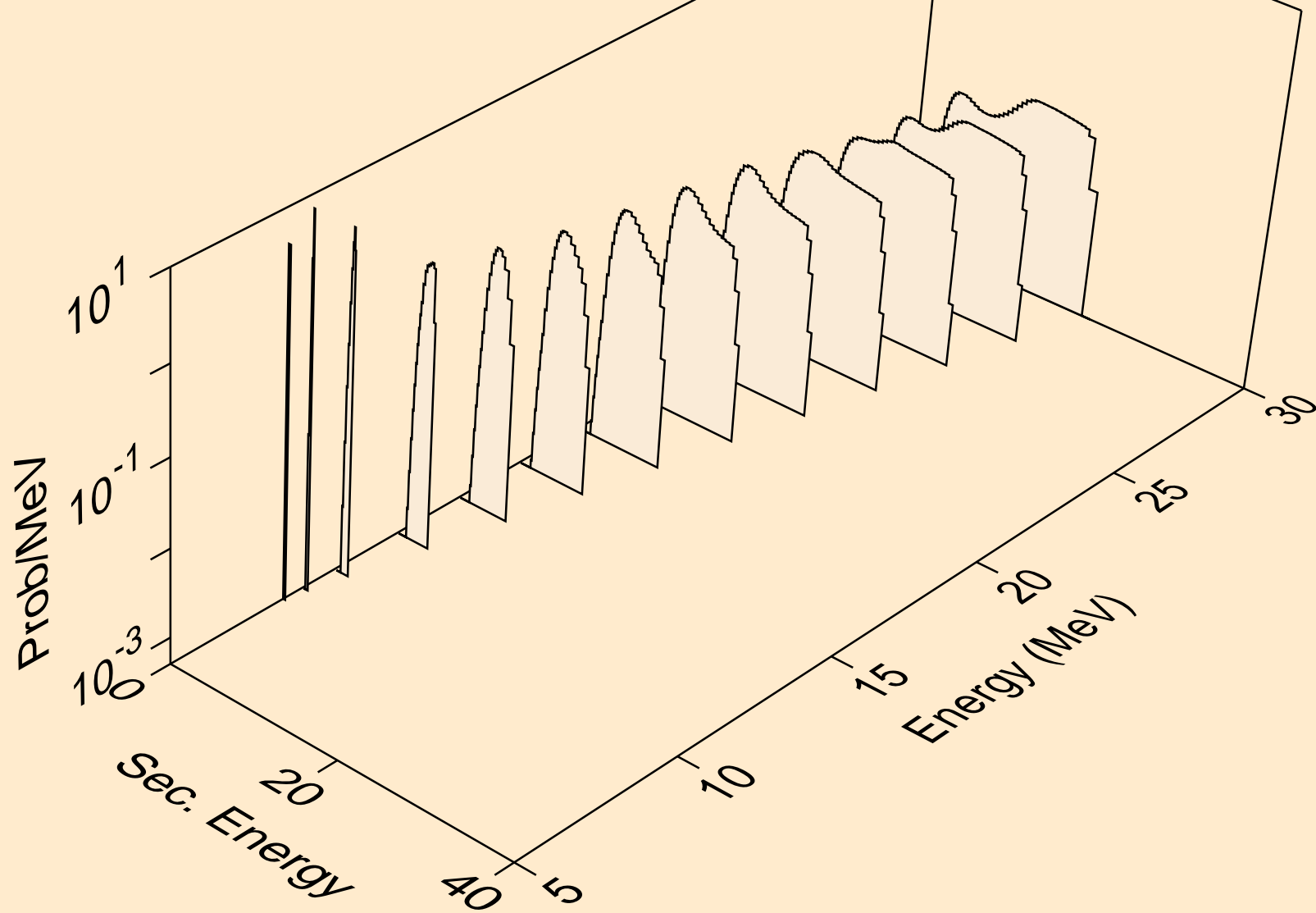


GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)

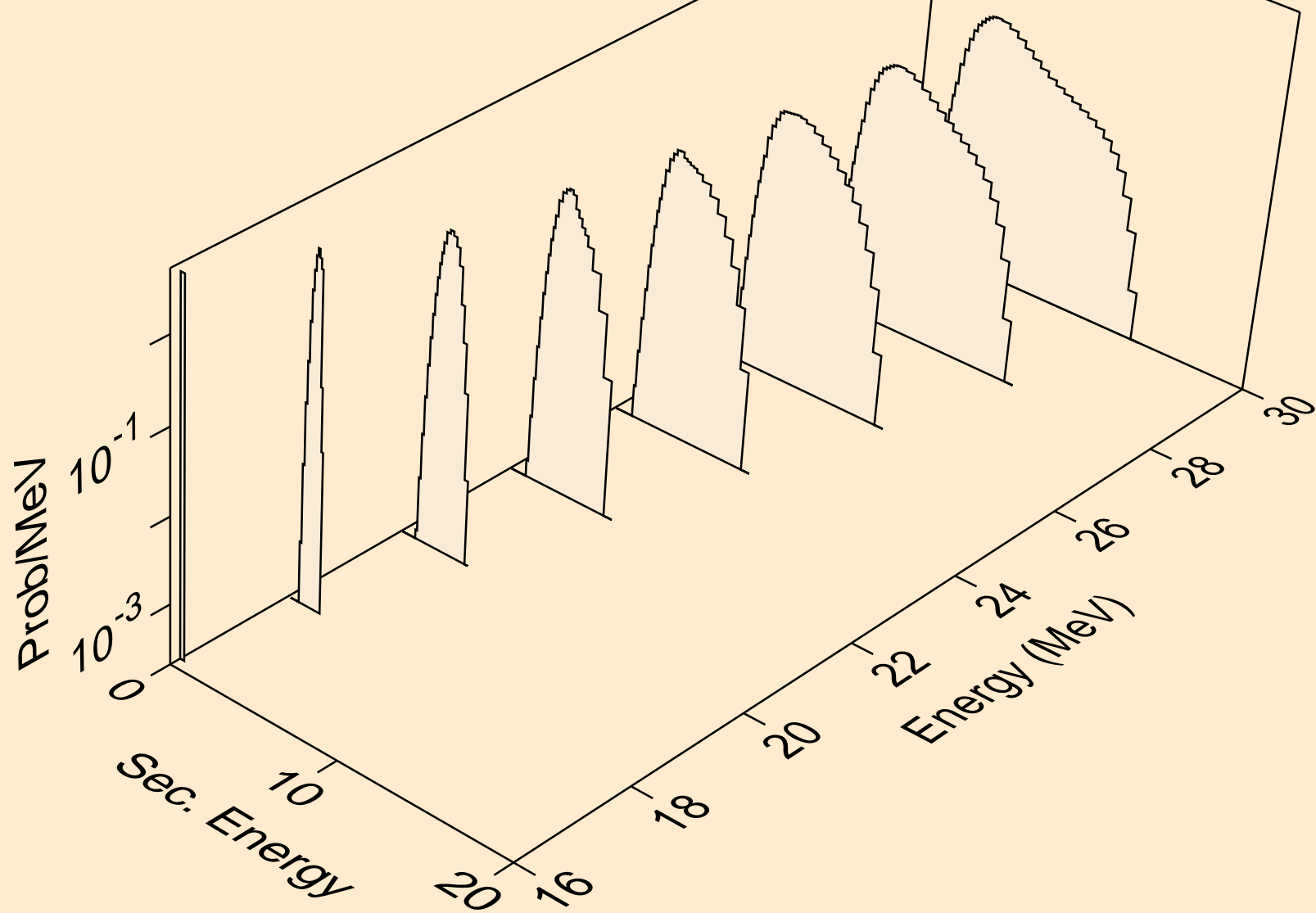




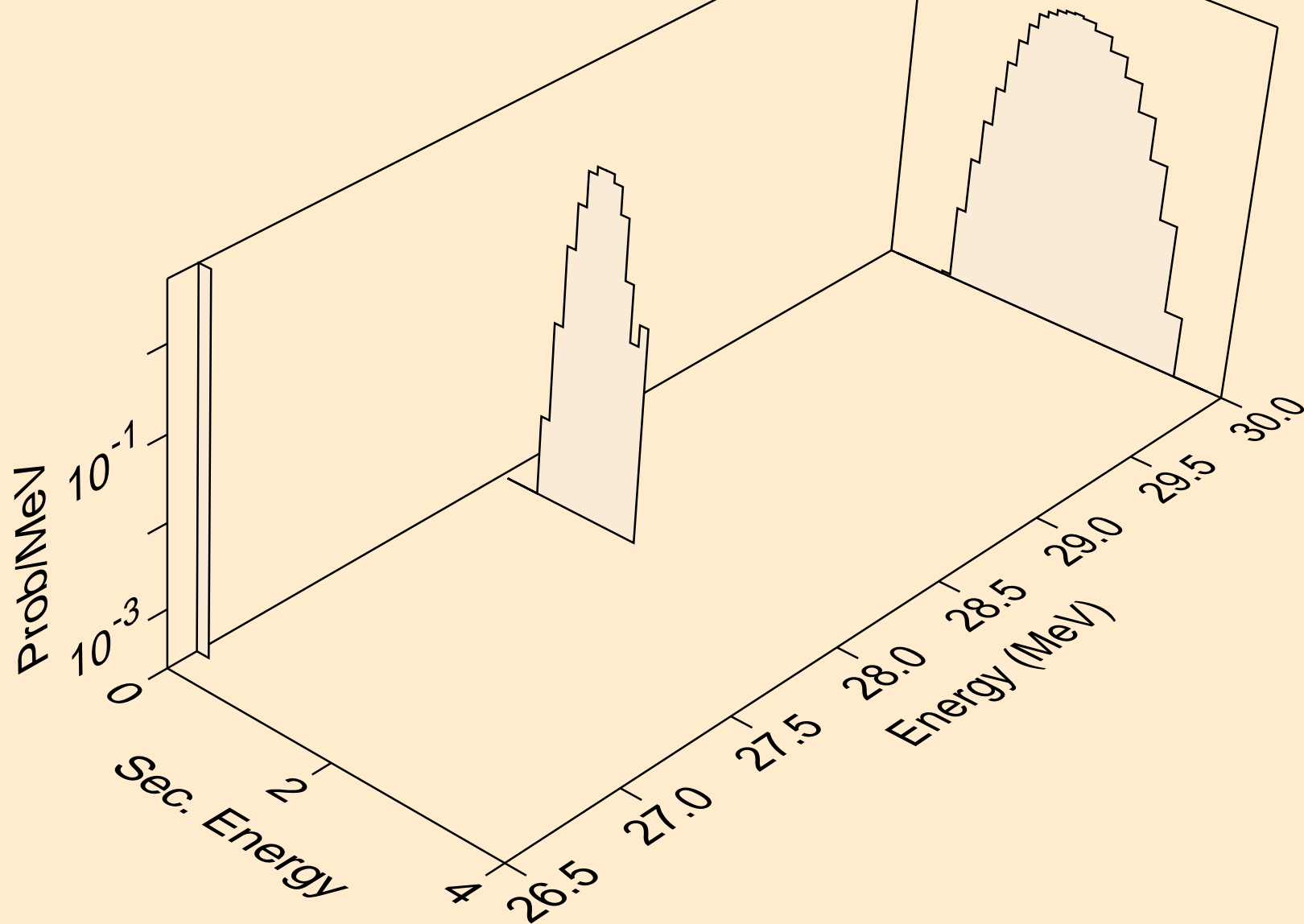
GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p



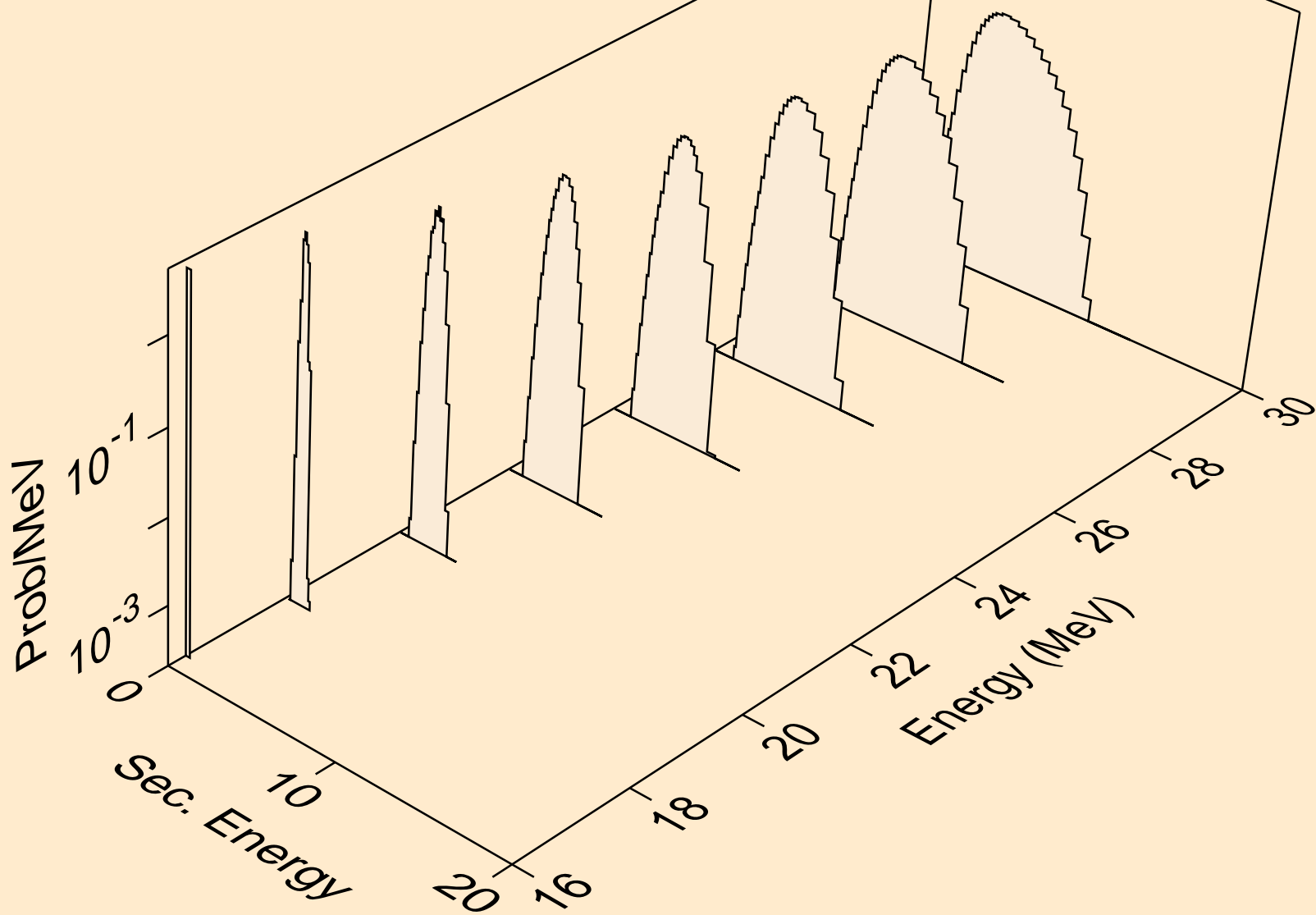
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protons from (n,2np)



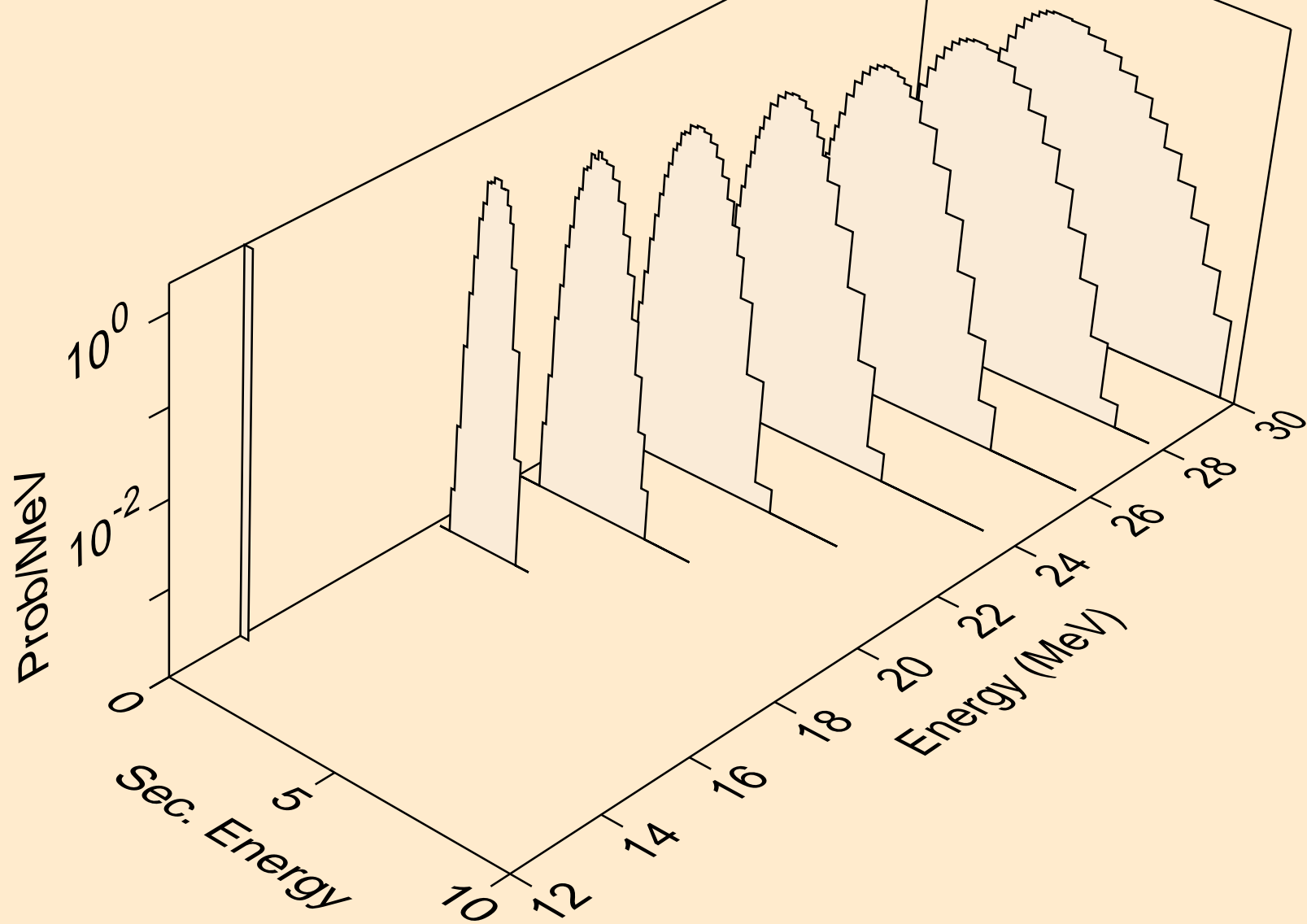
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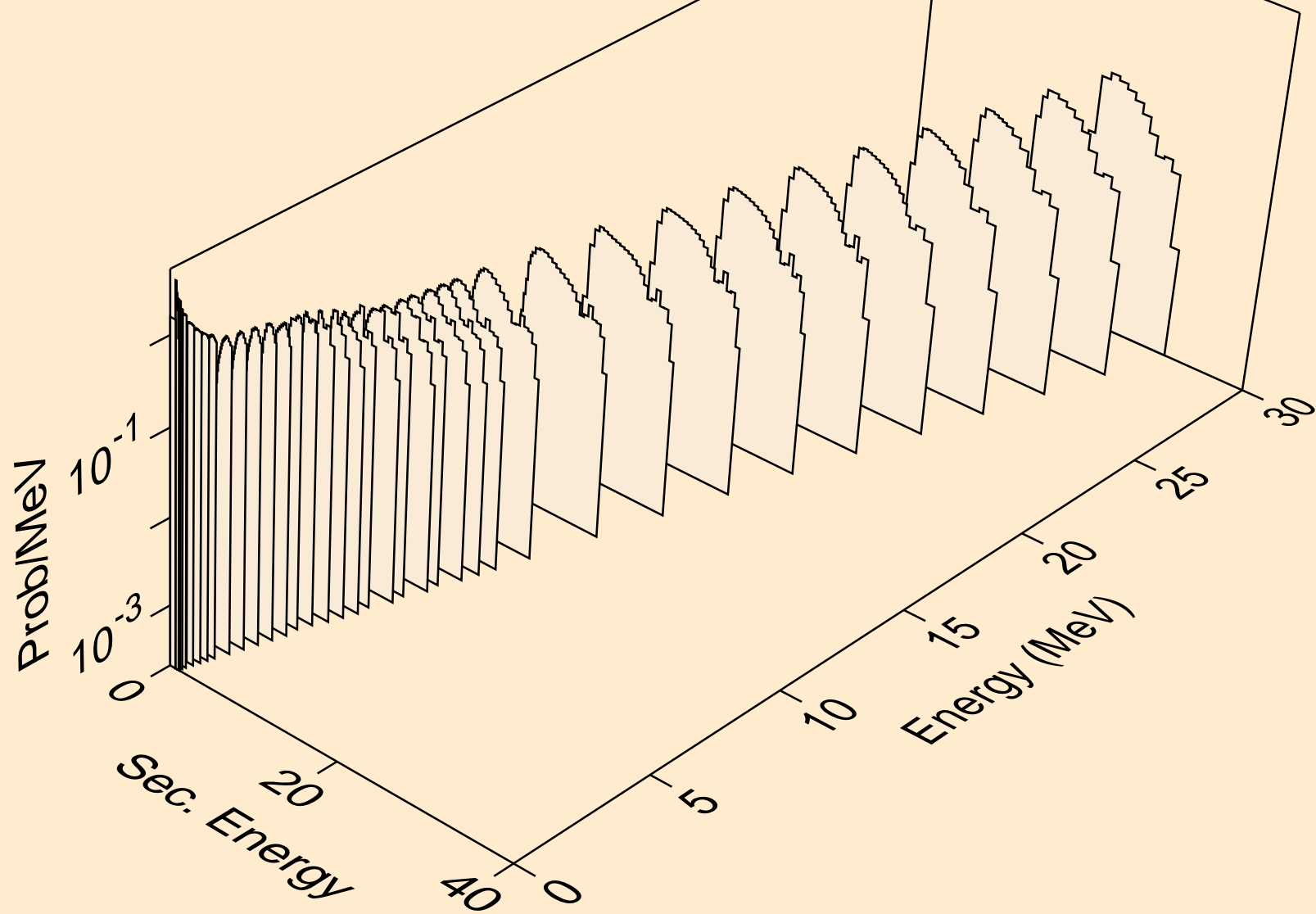
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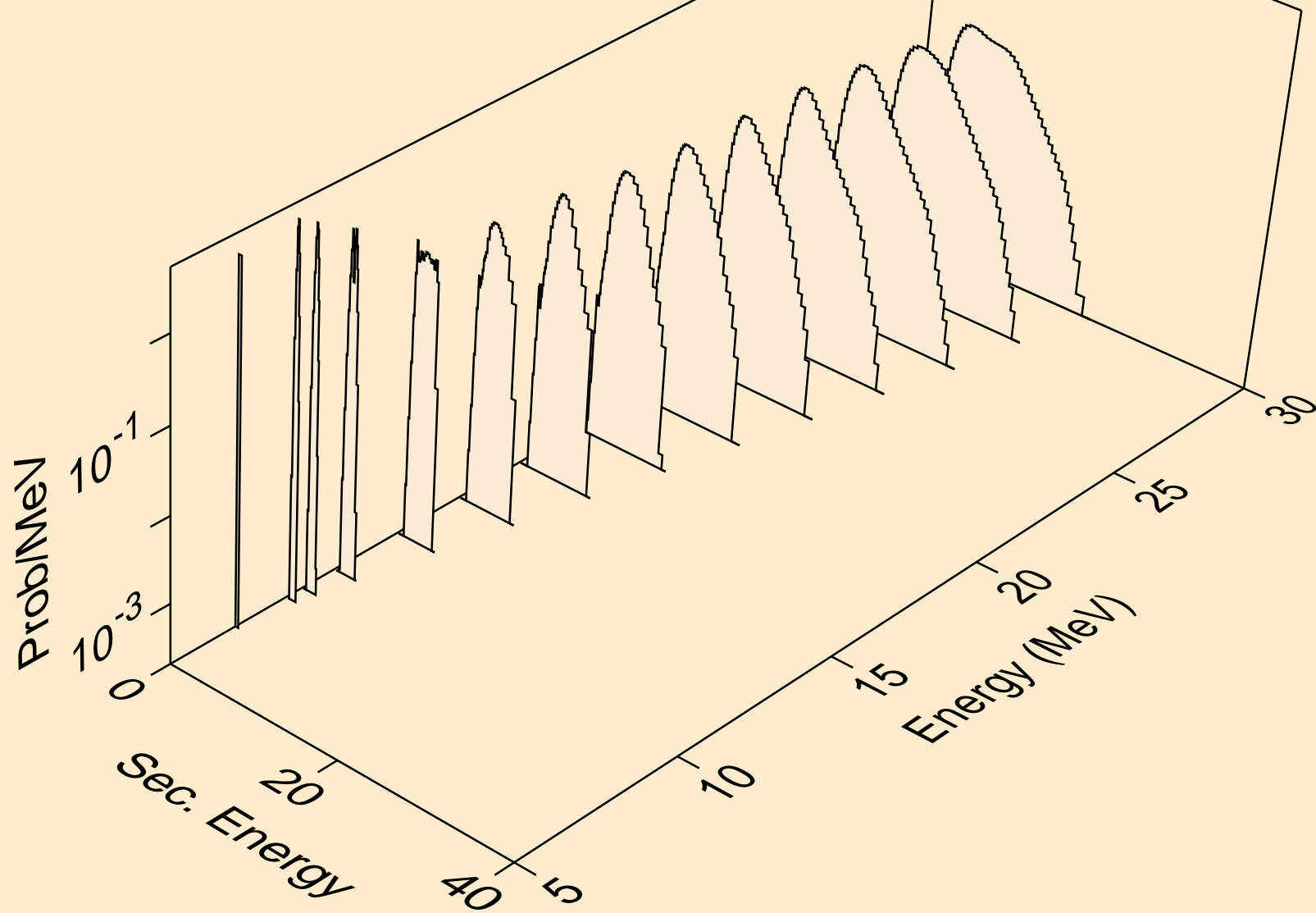
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protons from (n,npa)



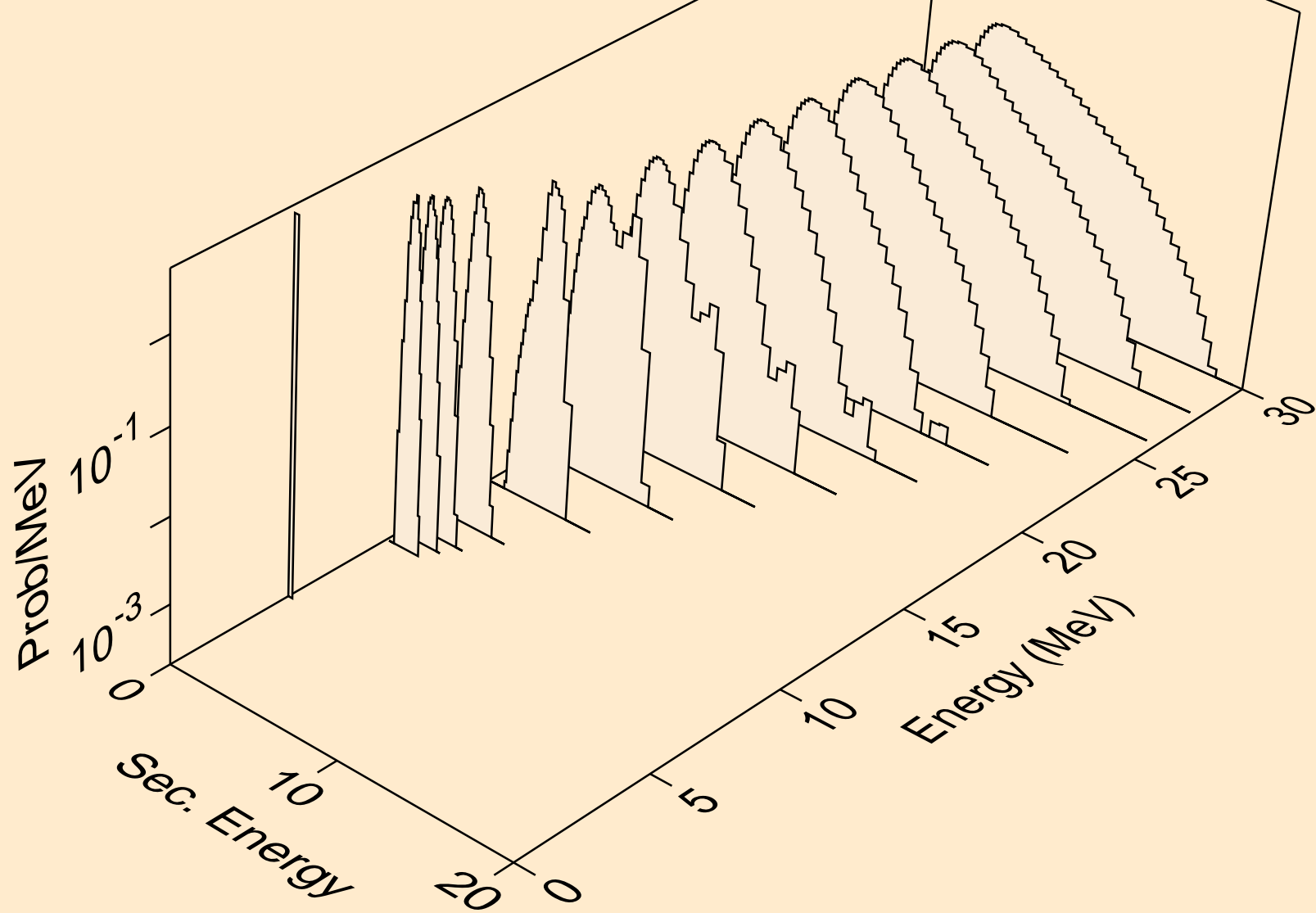
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protons from (n,p)



GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2p)

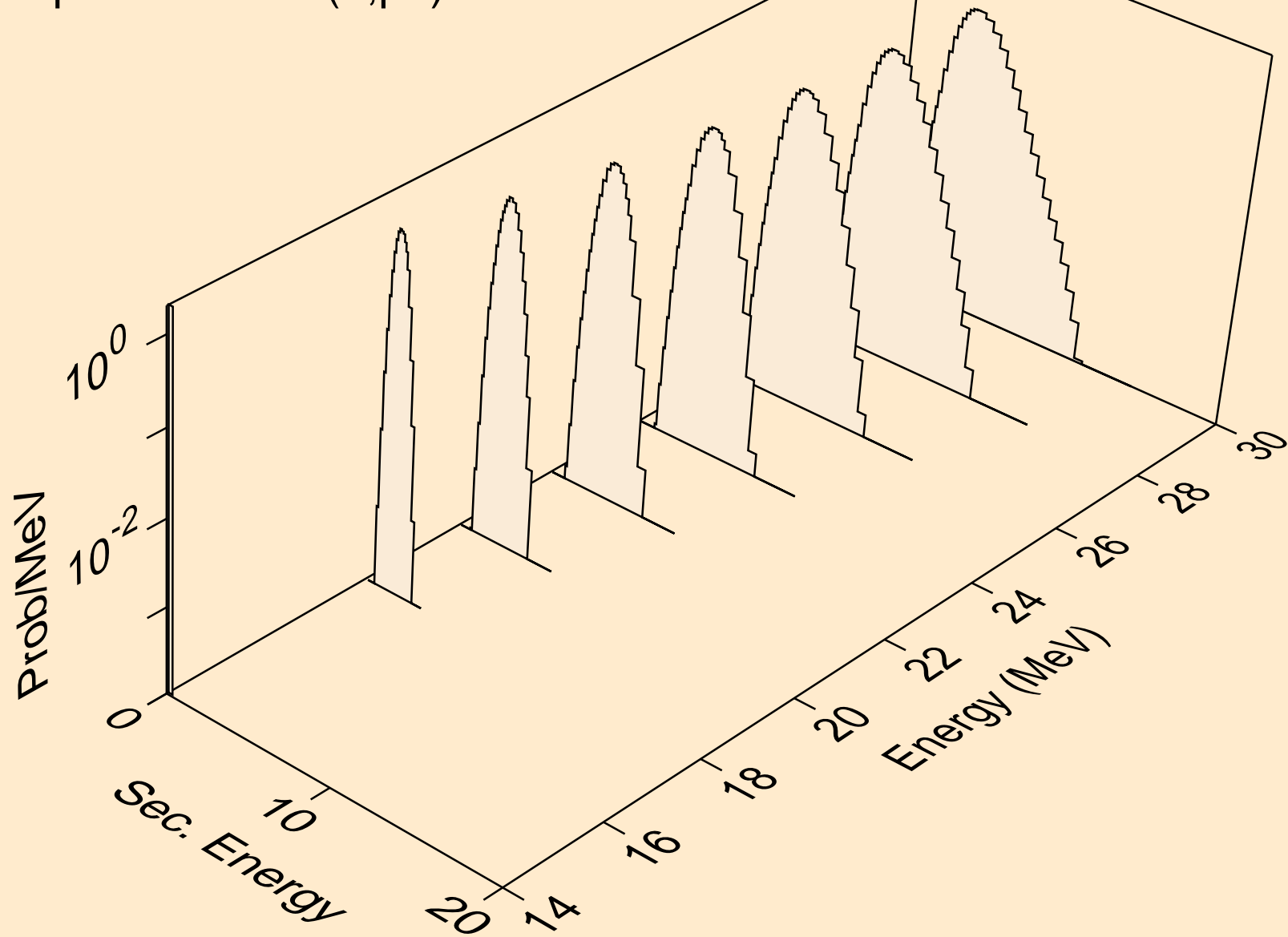


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protons from (n,p)

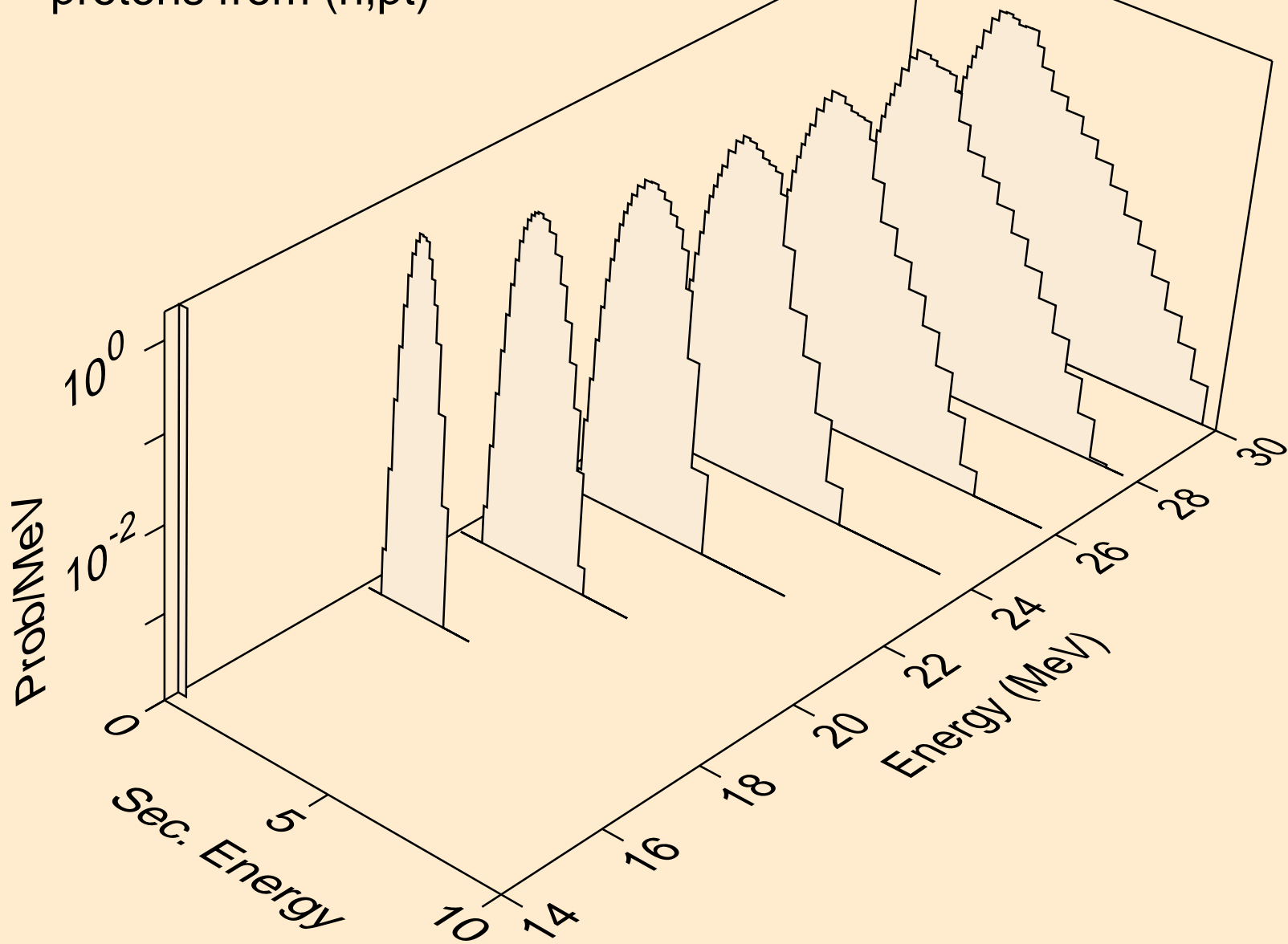




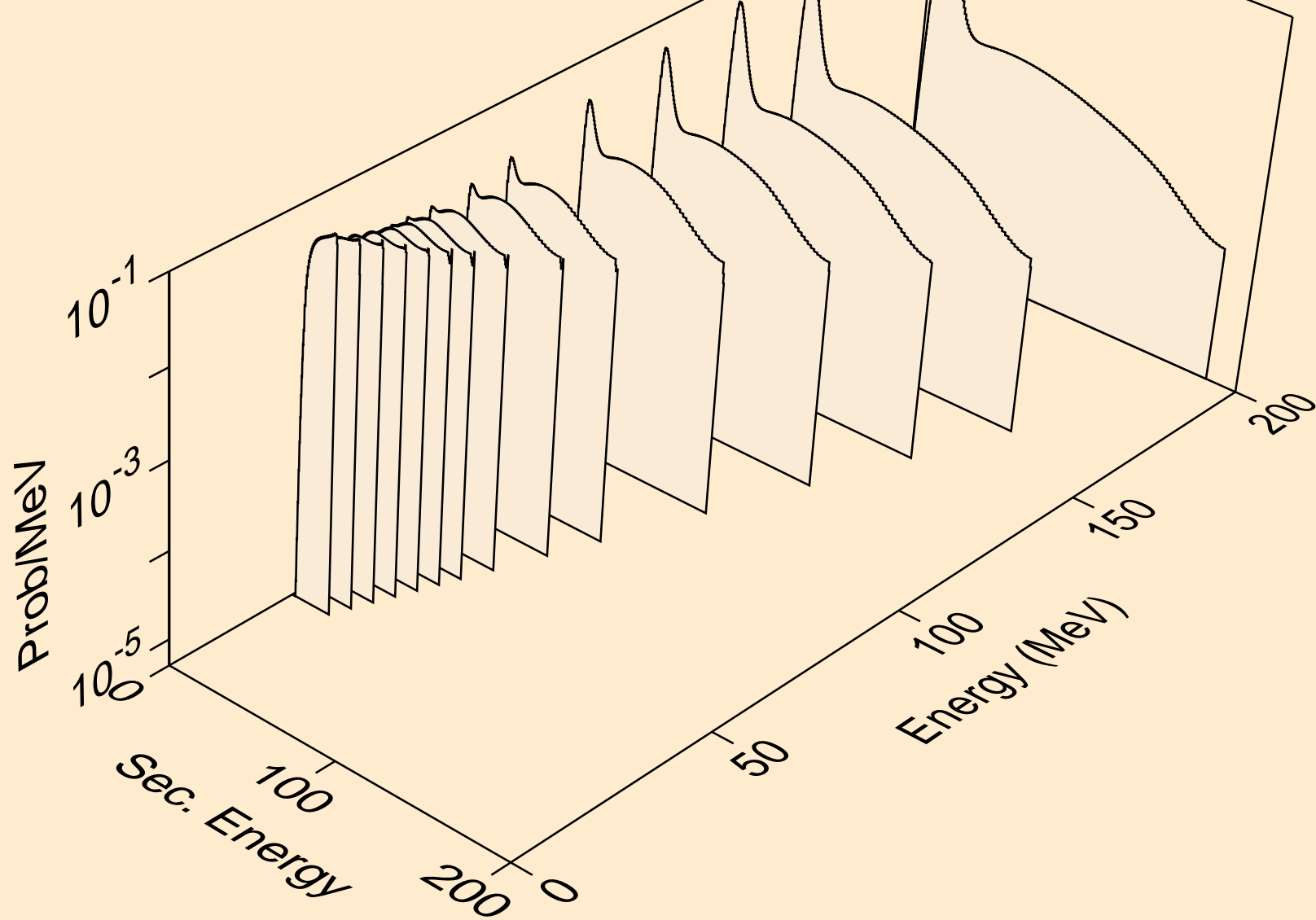
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protons from (n,pd)



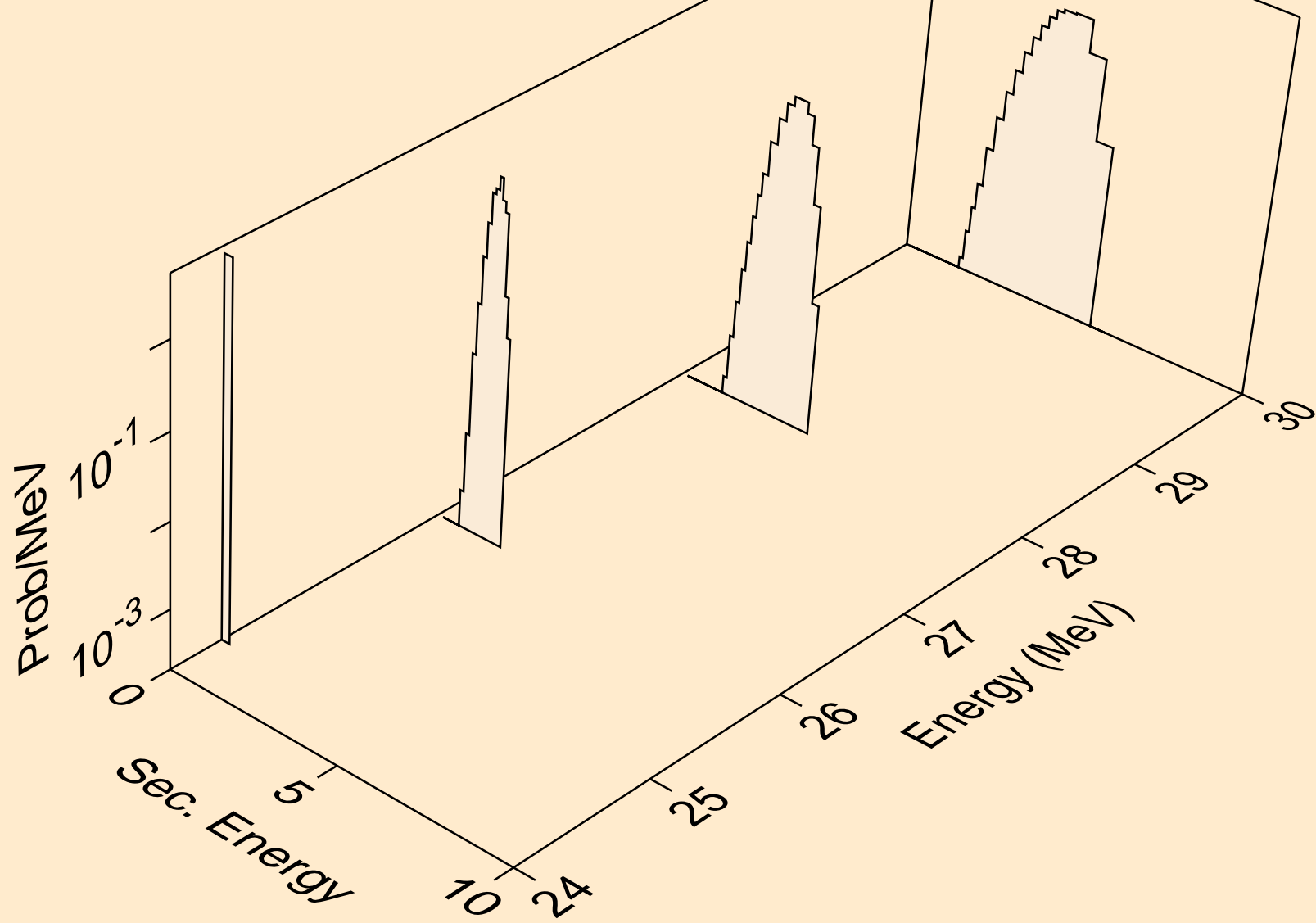
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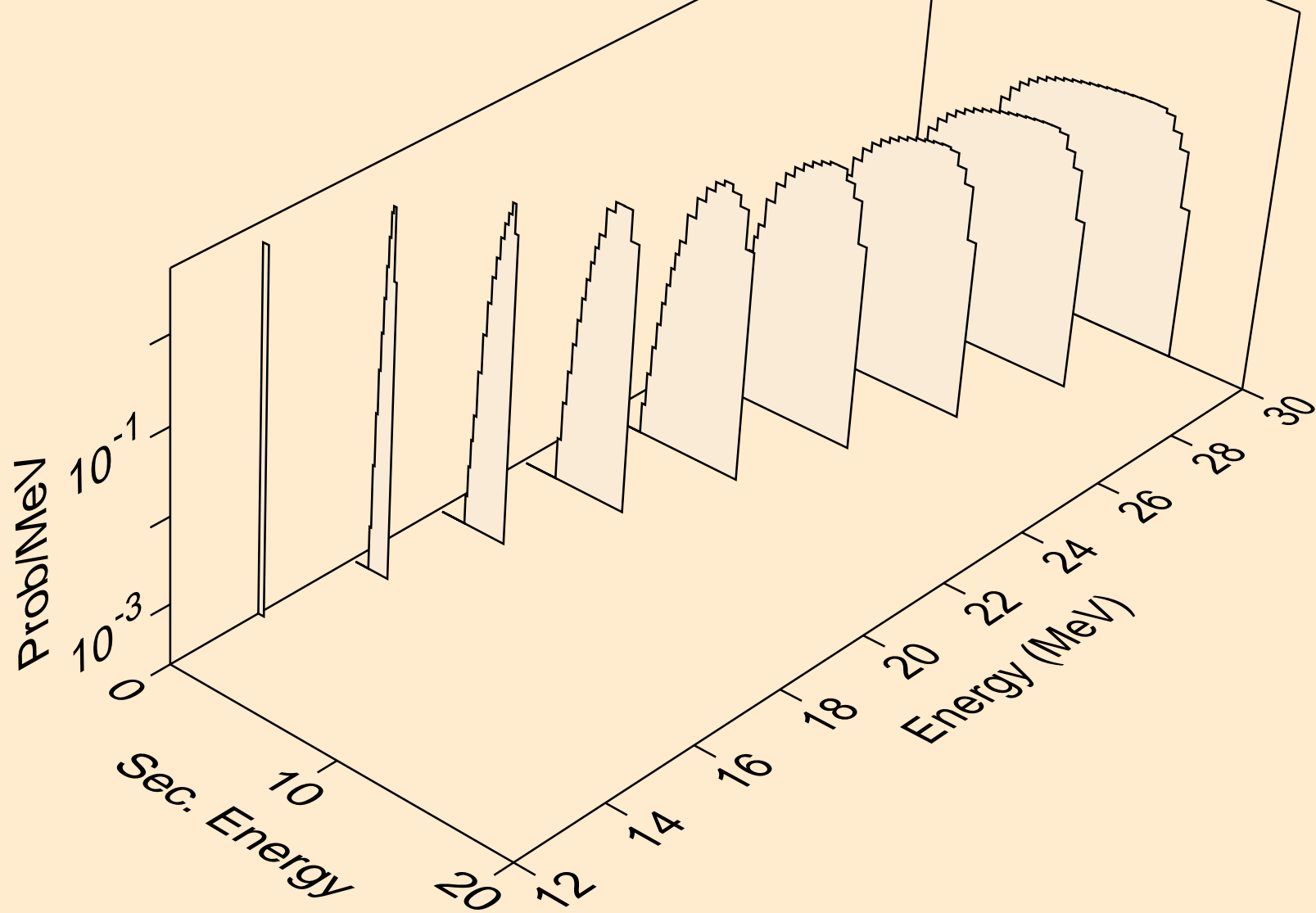
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deuterons from (n,x)



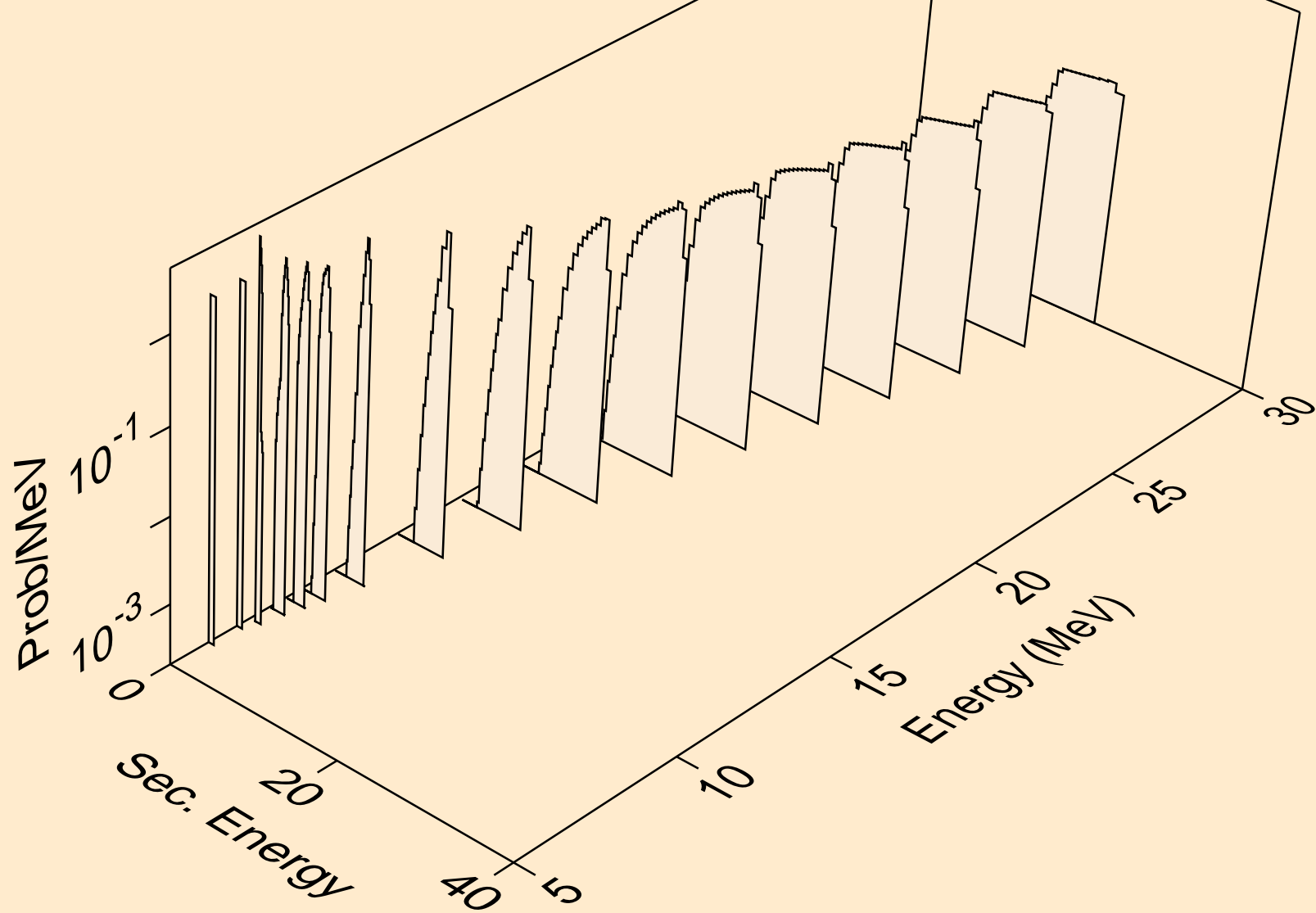
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deuterons from (n,2nd)



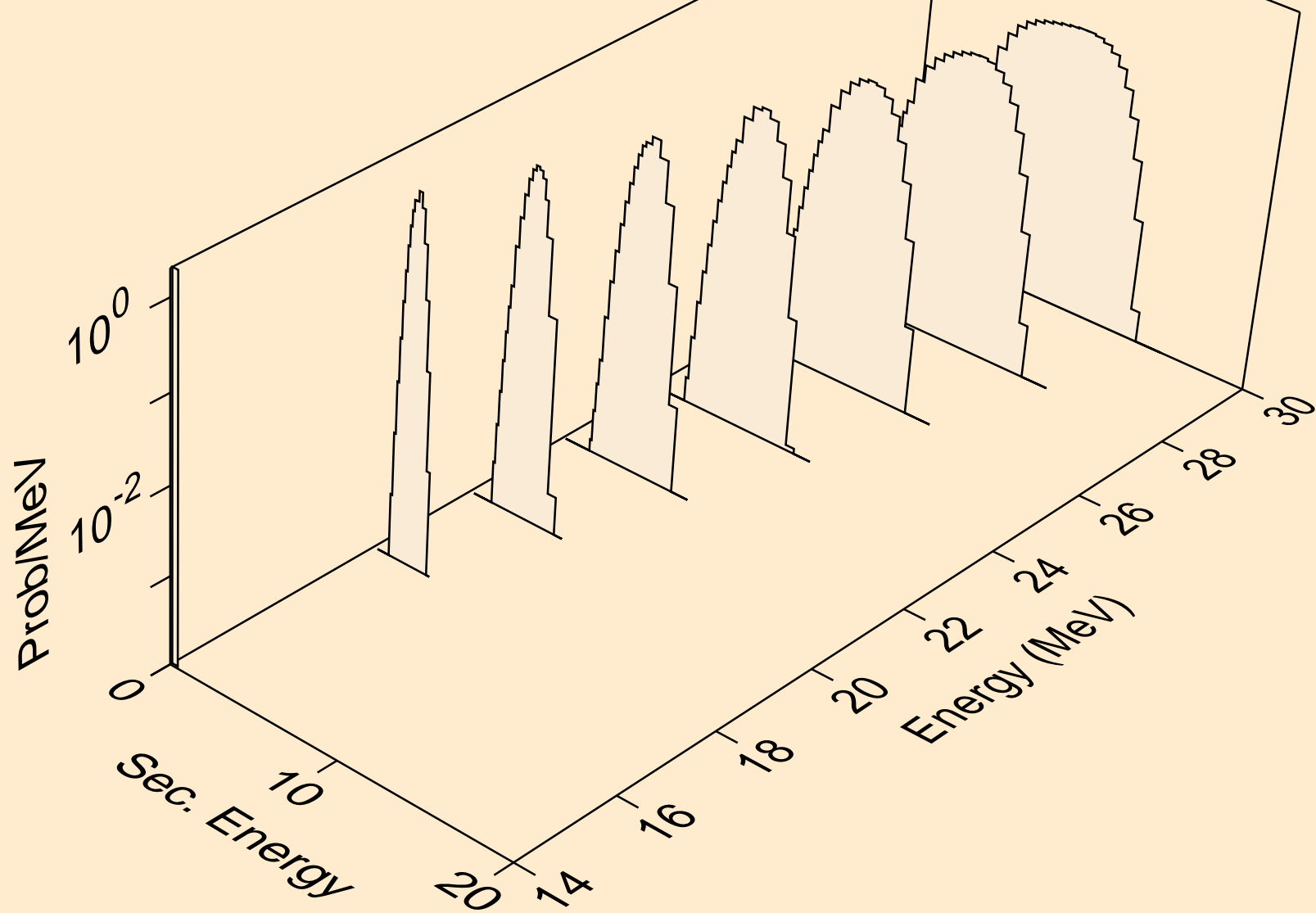
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deuterons from (n,n\*)d



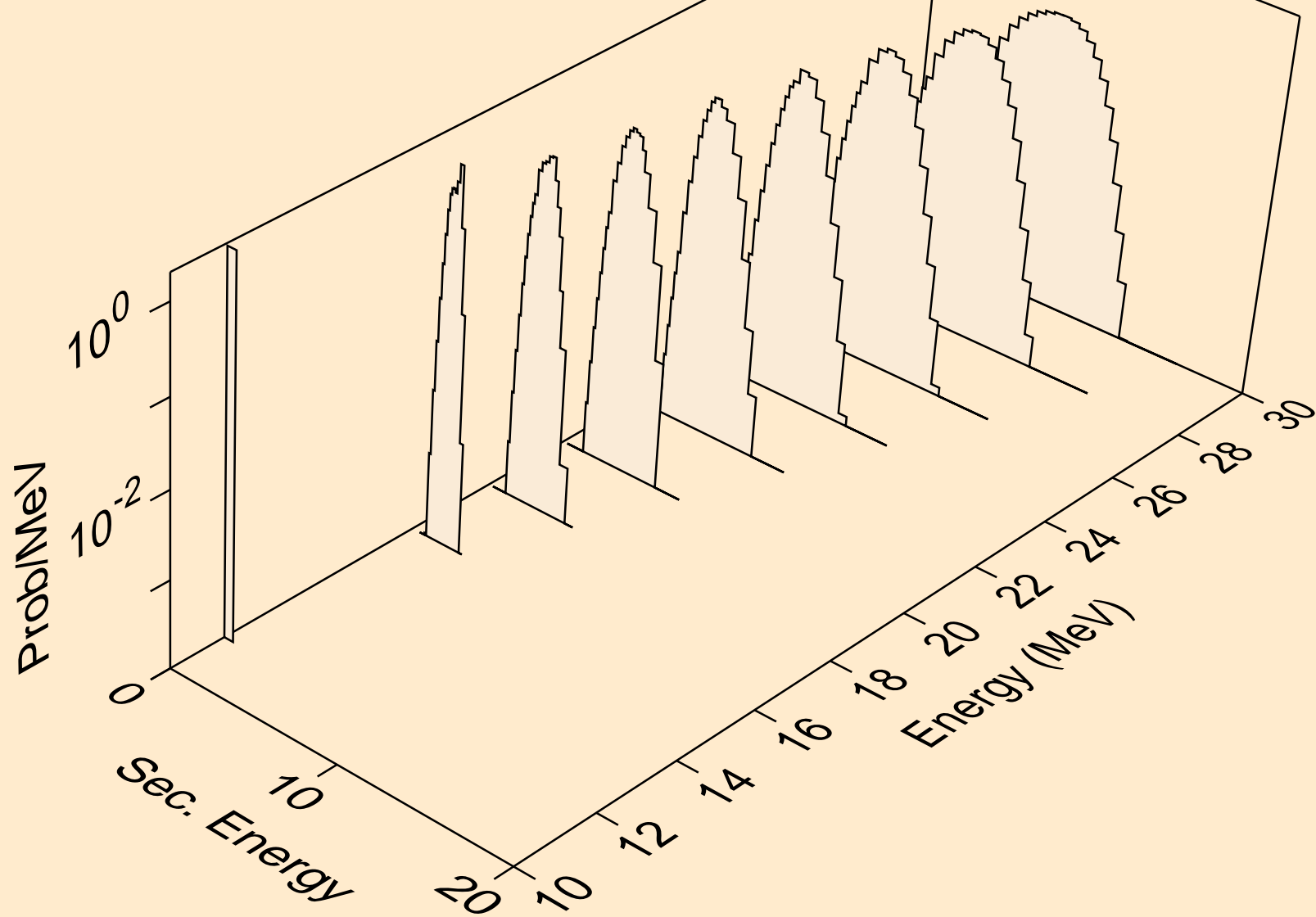
GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,d)



GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,pd)

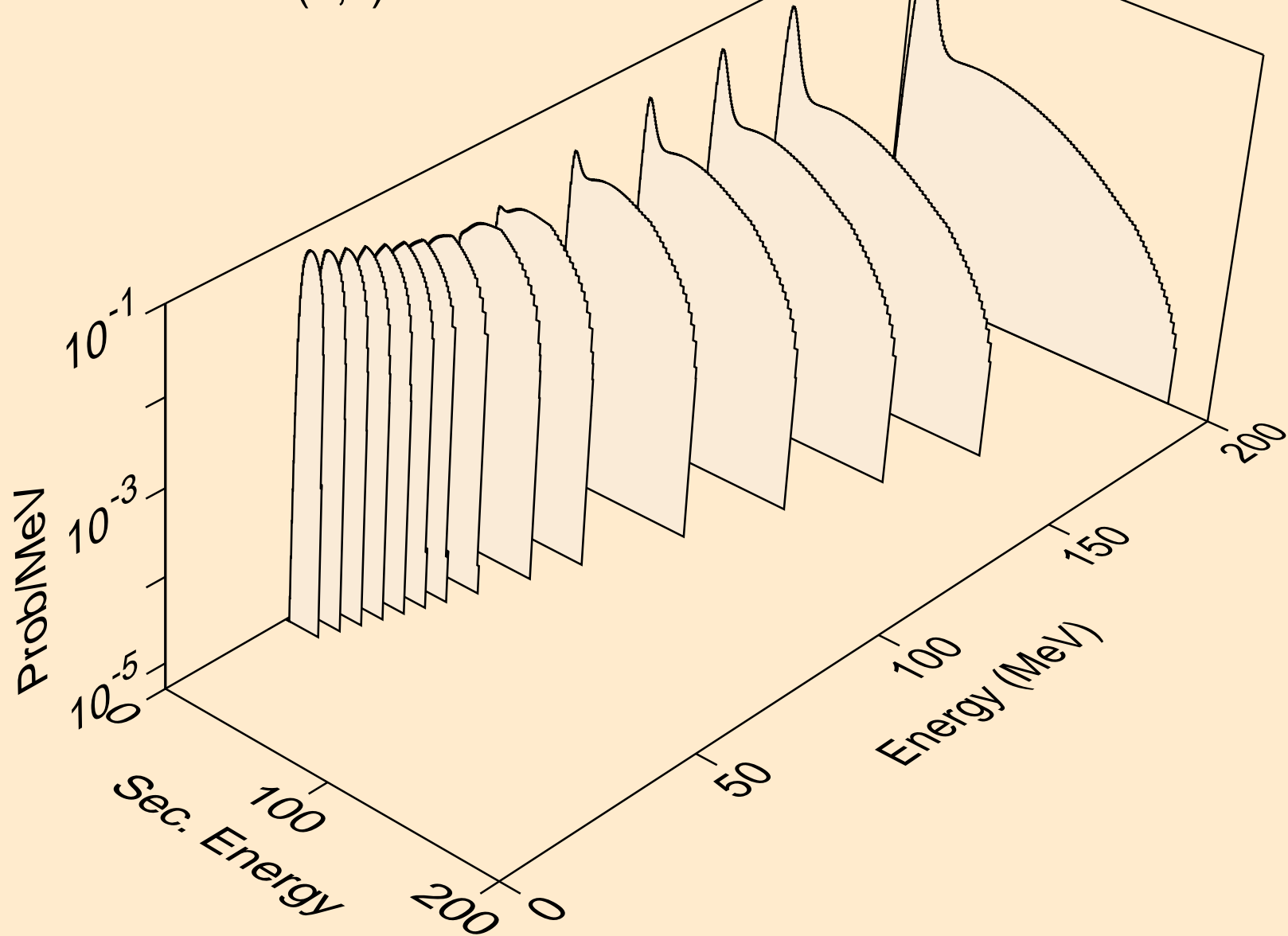


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deuterons from (n,da)

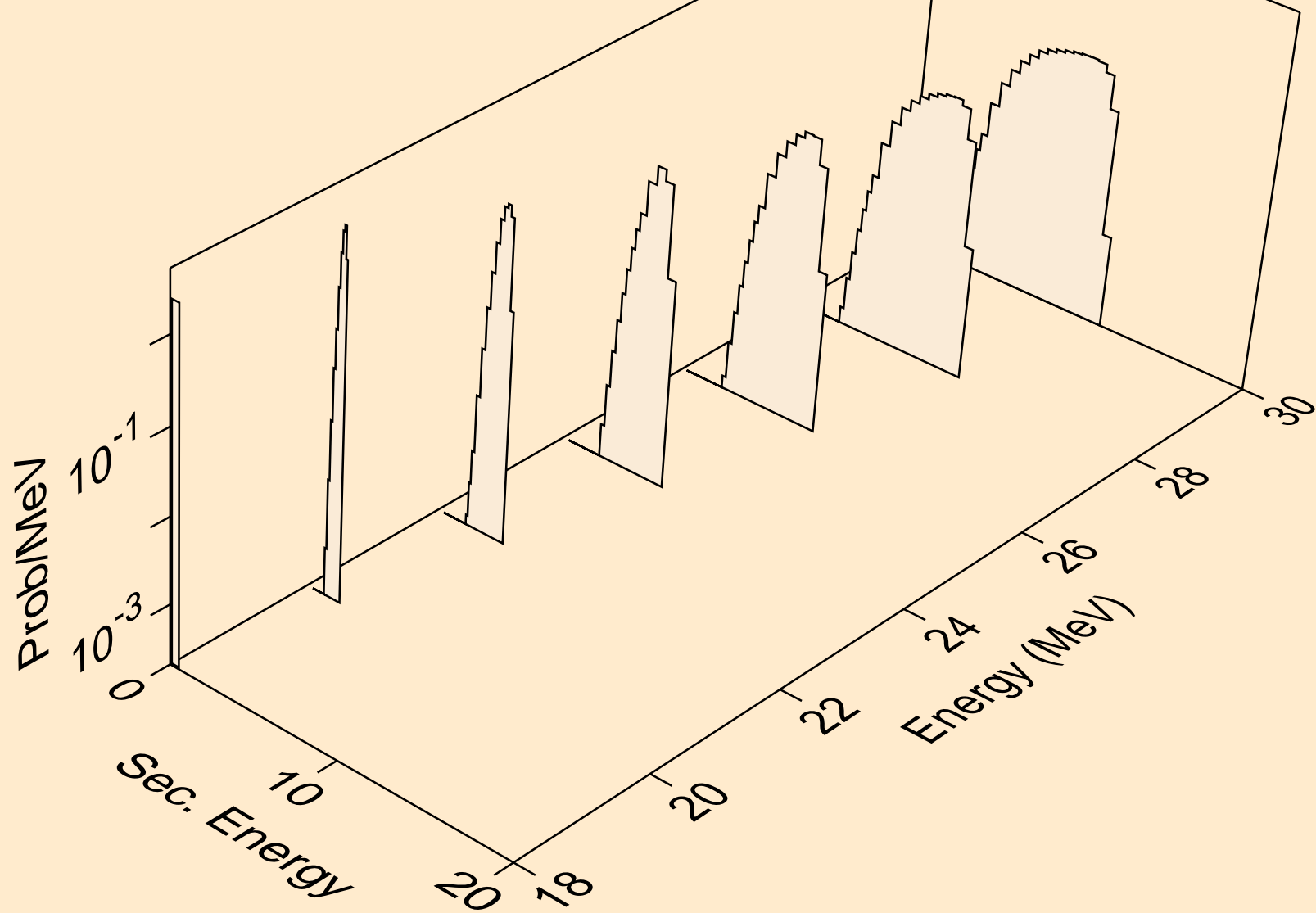




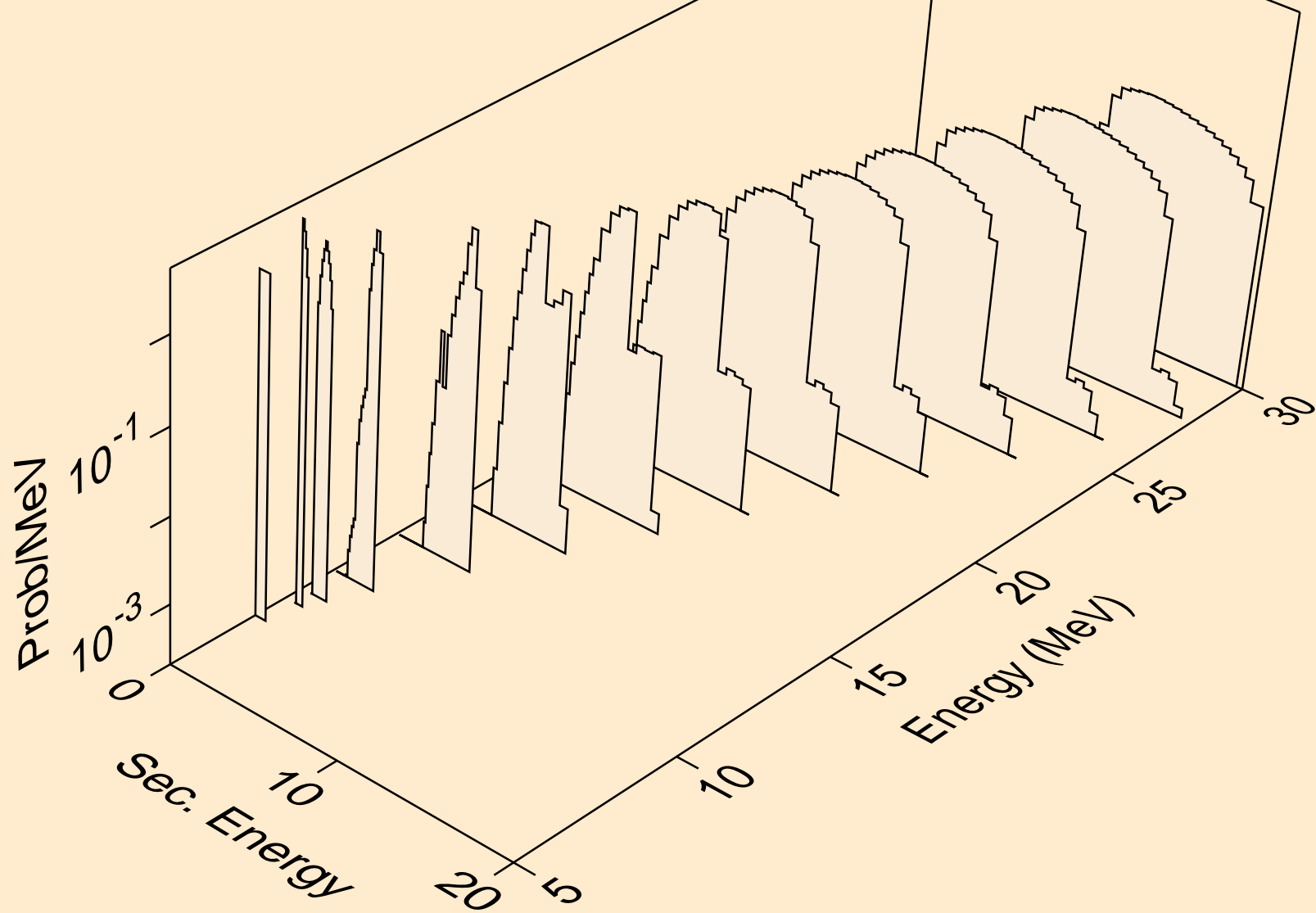
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tritons from (n,x)



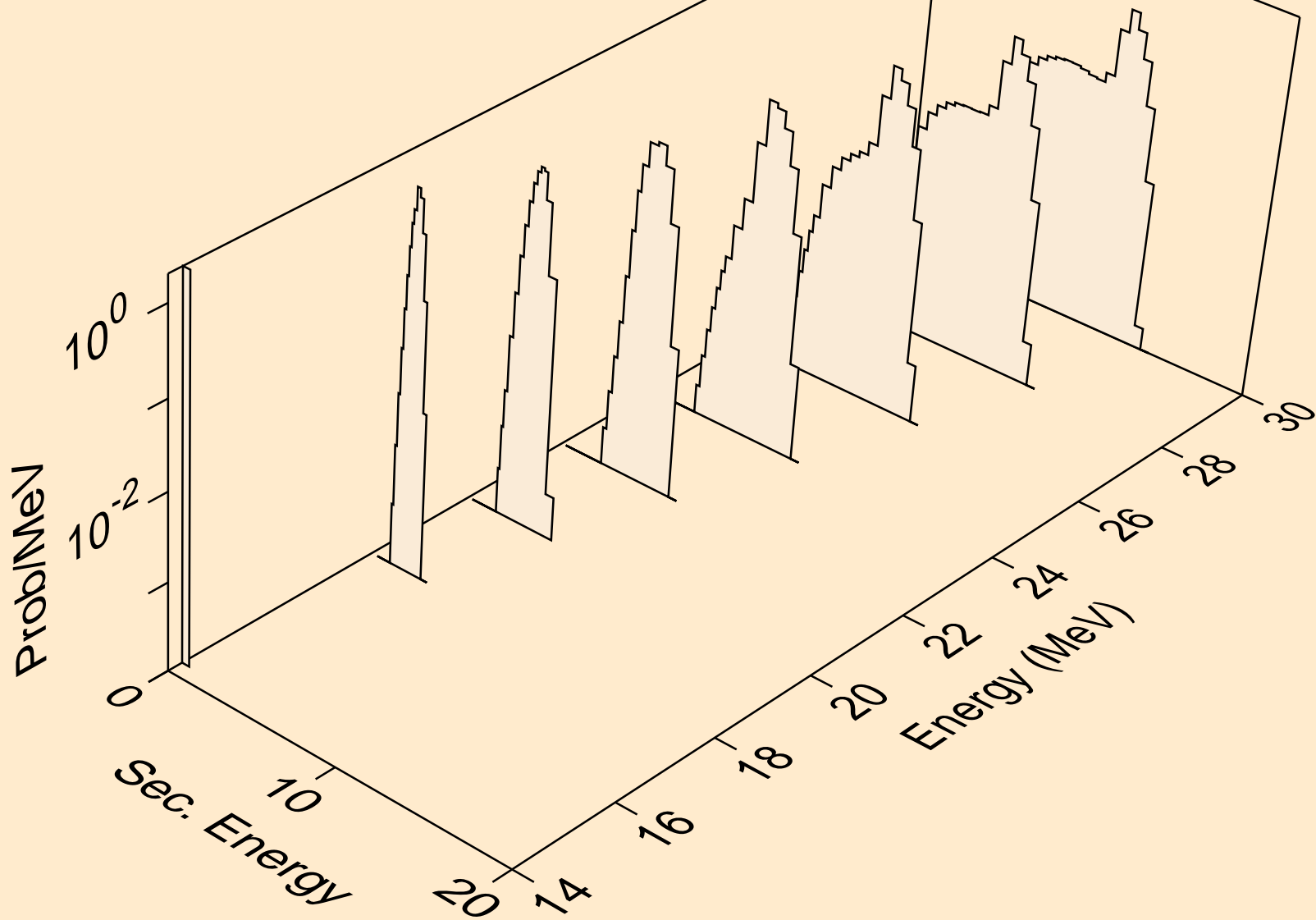
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tritons from (n,n\*)t



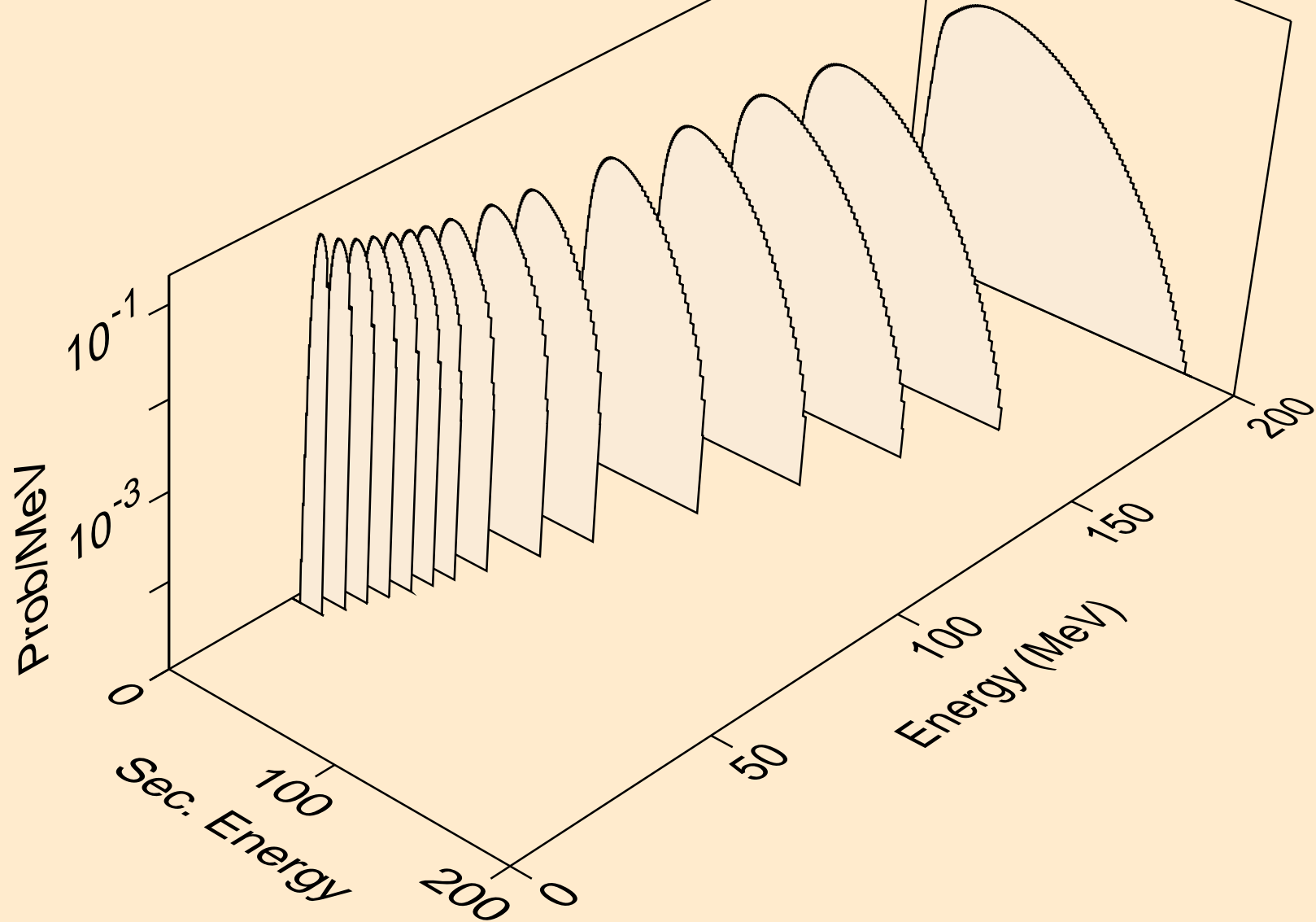
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tritons from (n,t)



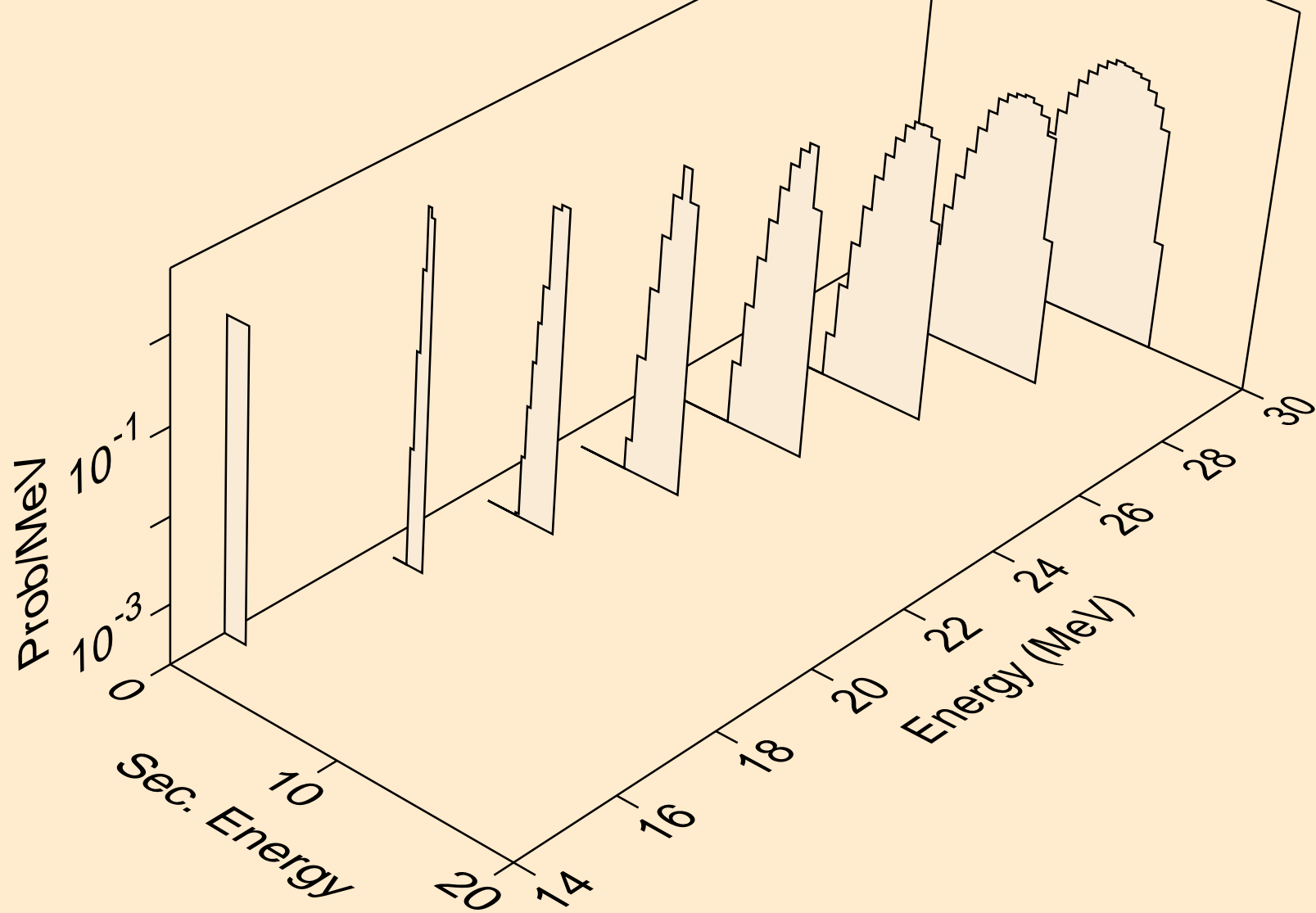
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tritons from (n,pt)



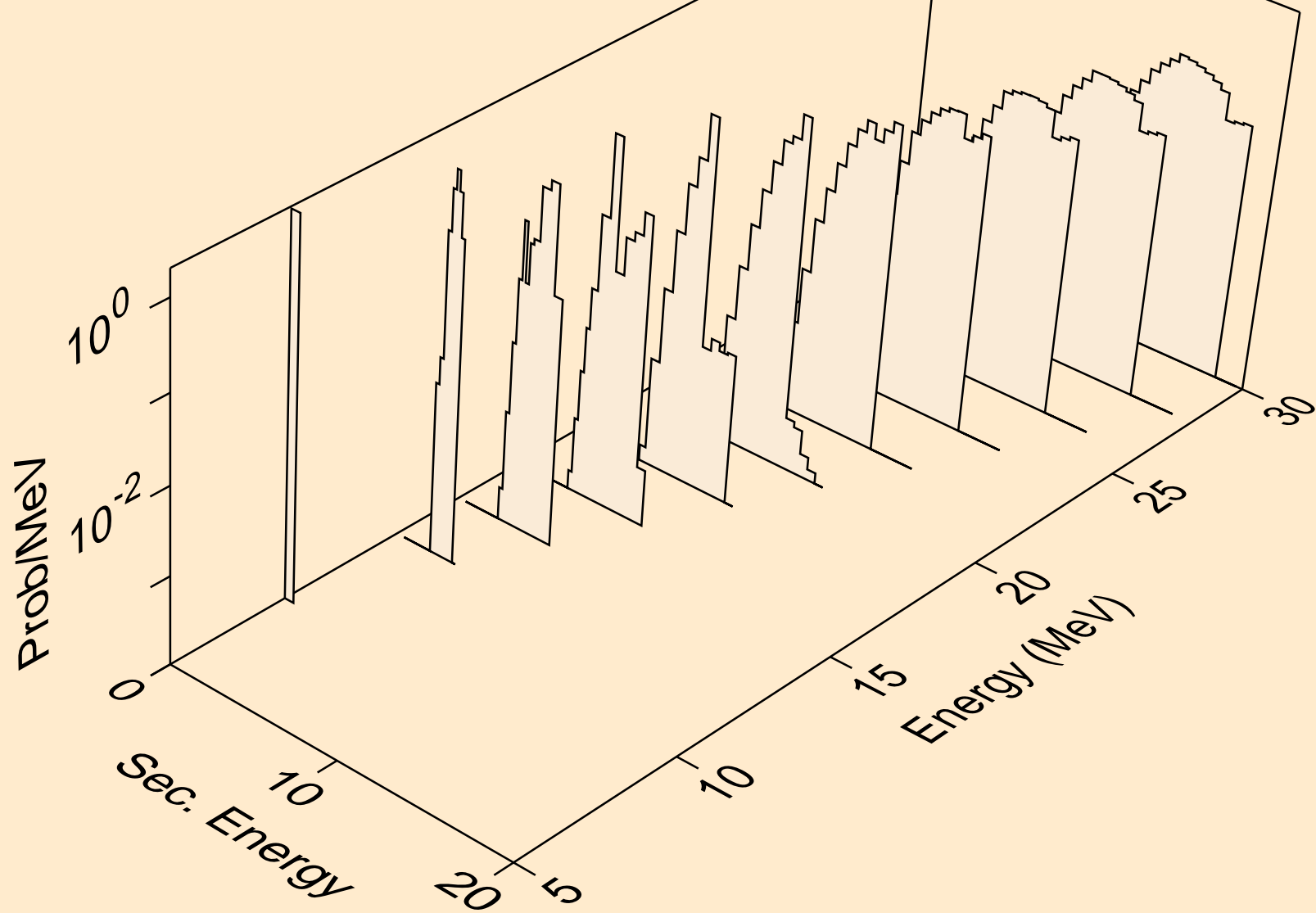
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he3s from (n,x)



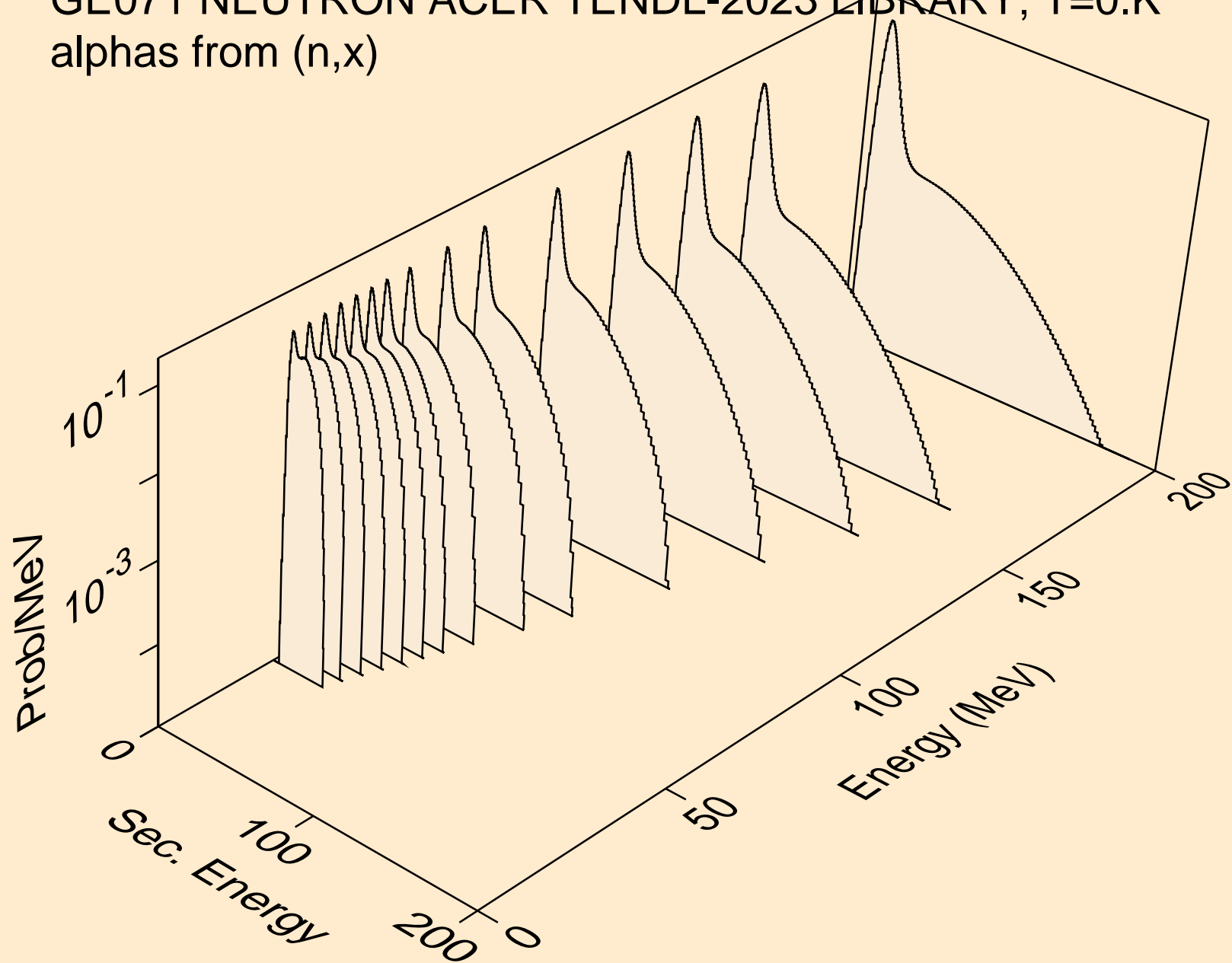
GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,n\*)he3



GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,he3)

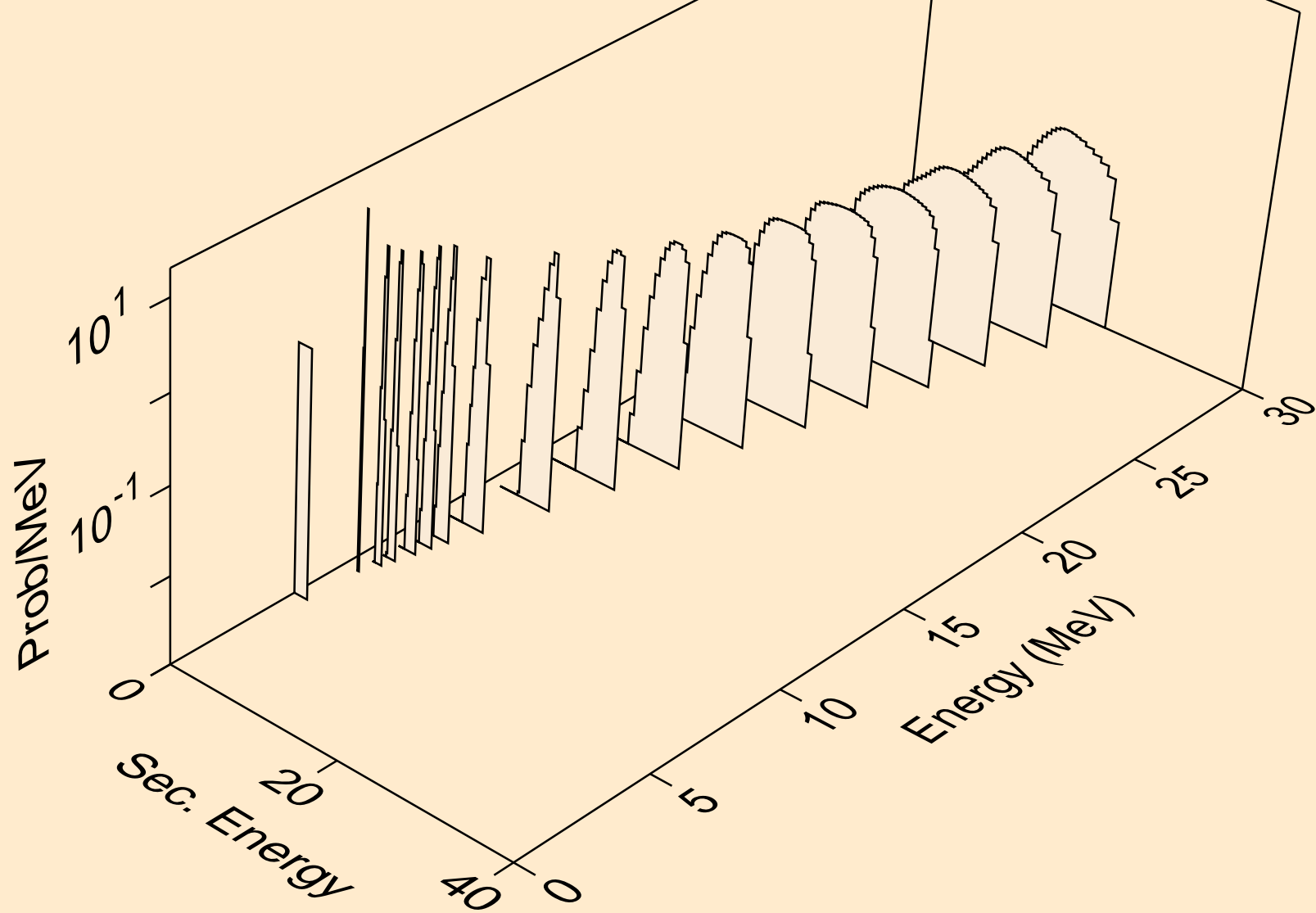


GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)

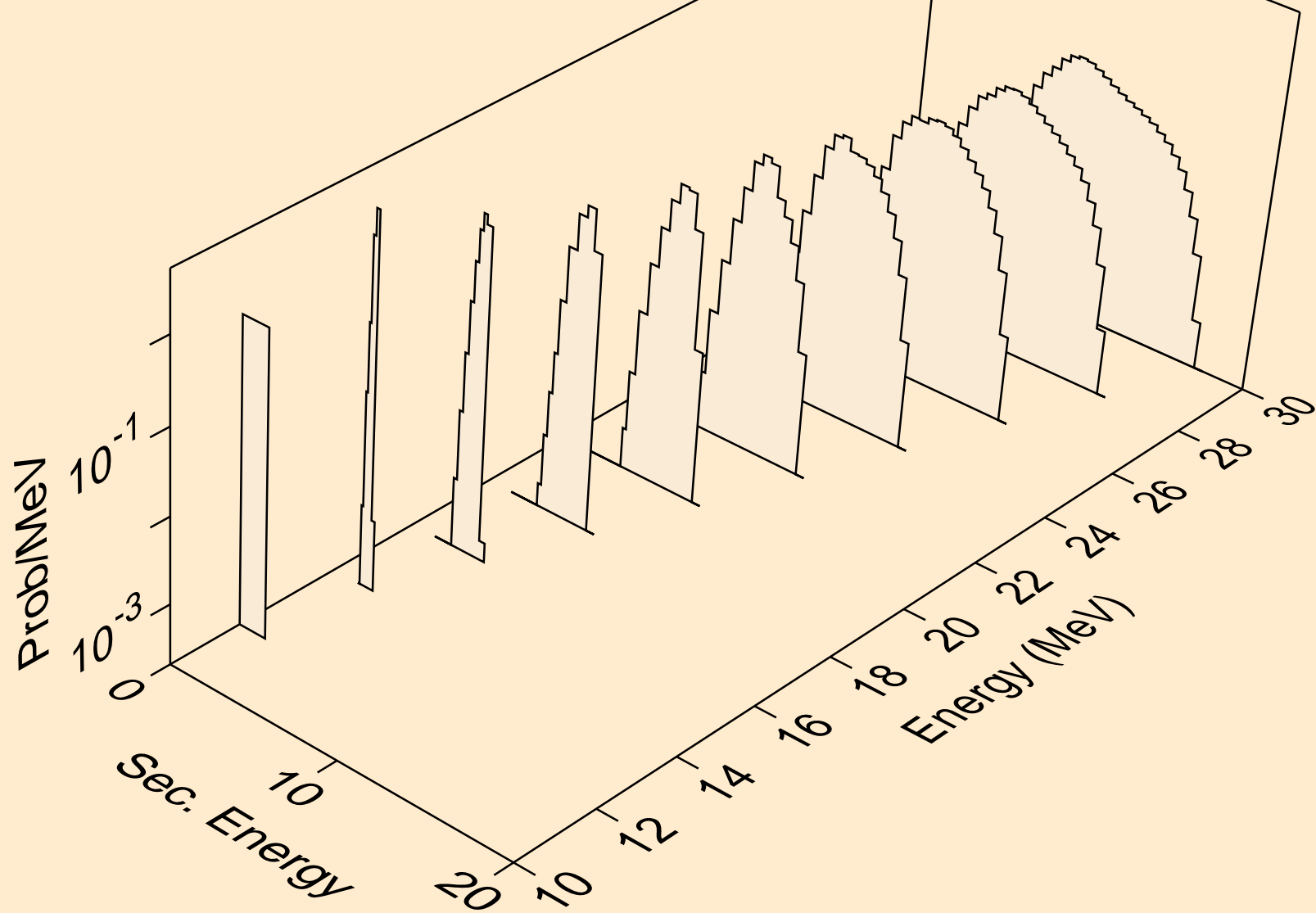




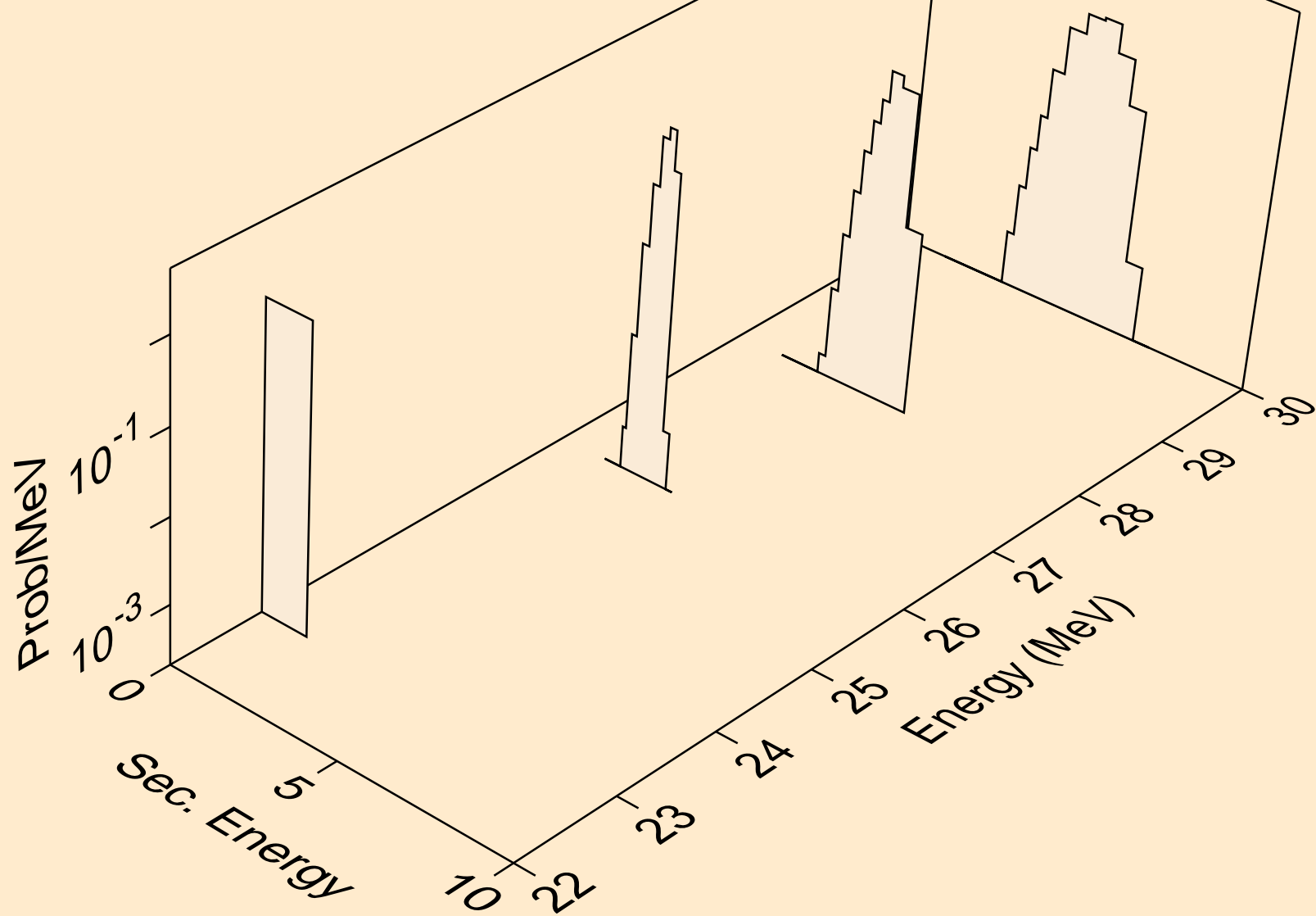
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alphas from (n,n\*)a



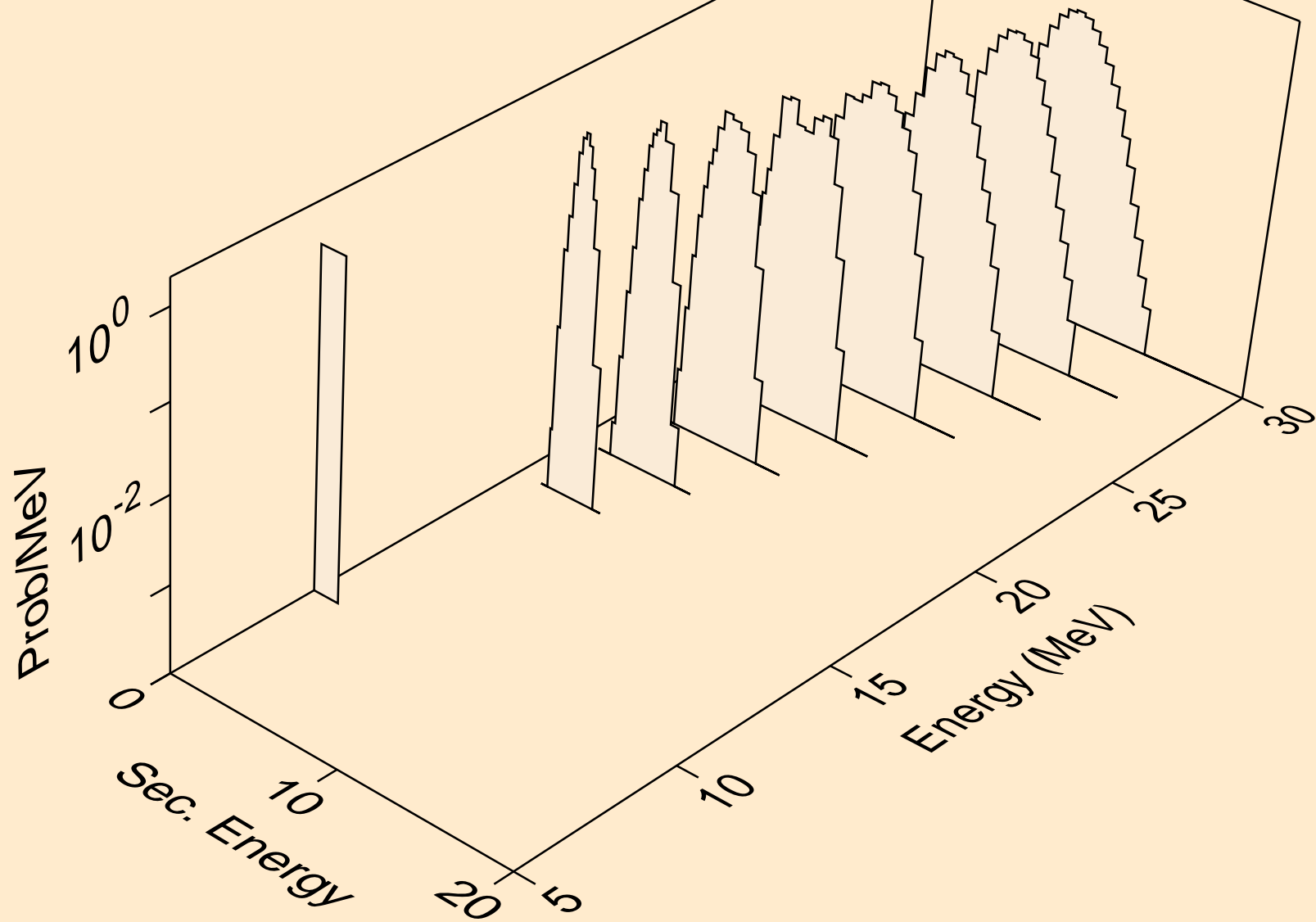
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alphas from (n,2n)a



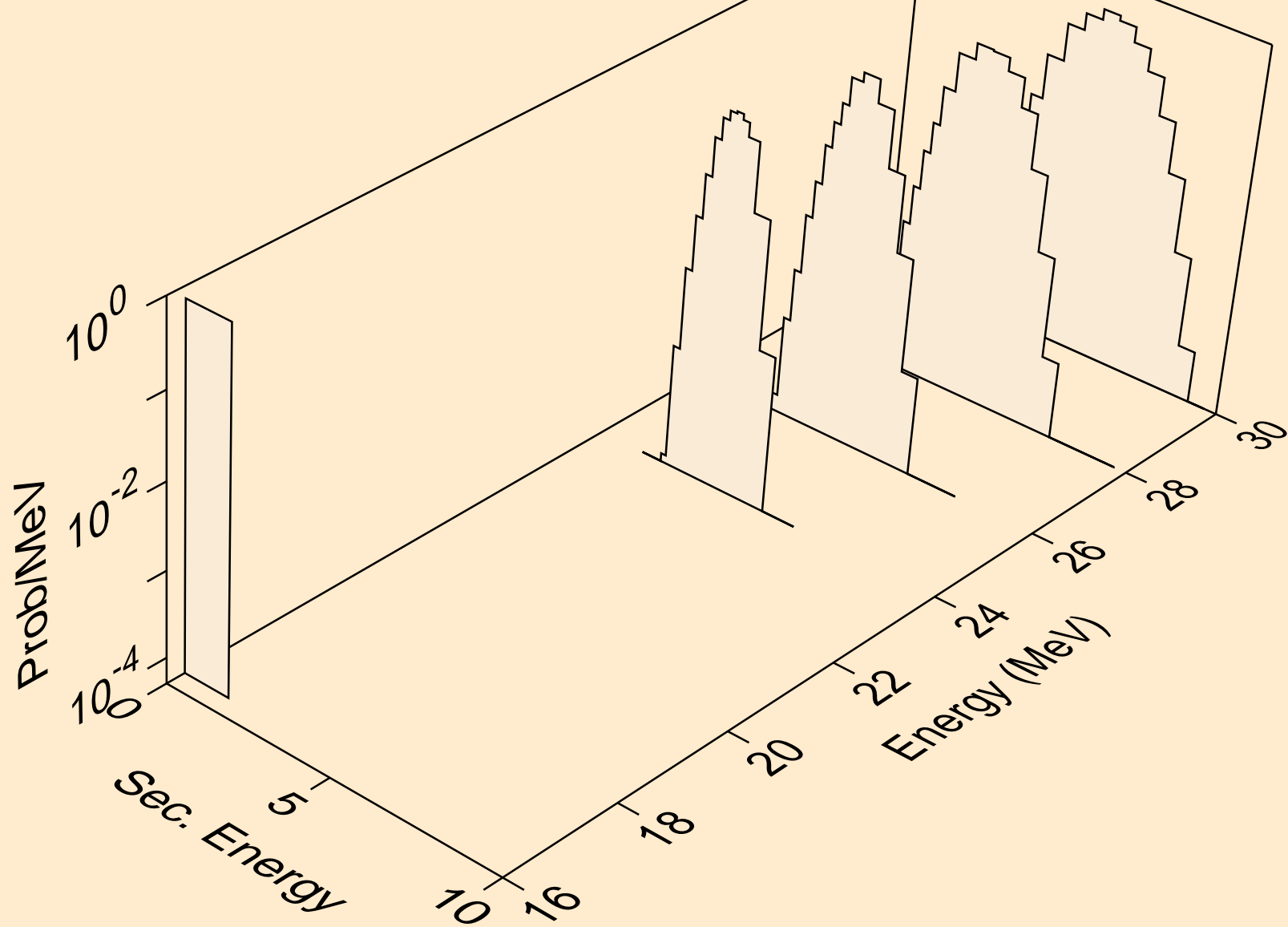
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alphas from (n,3n)a



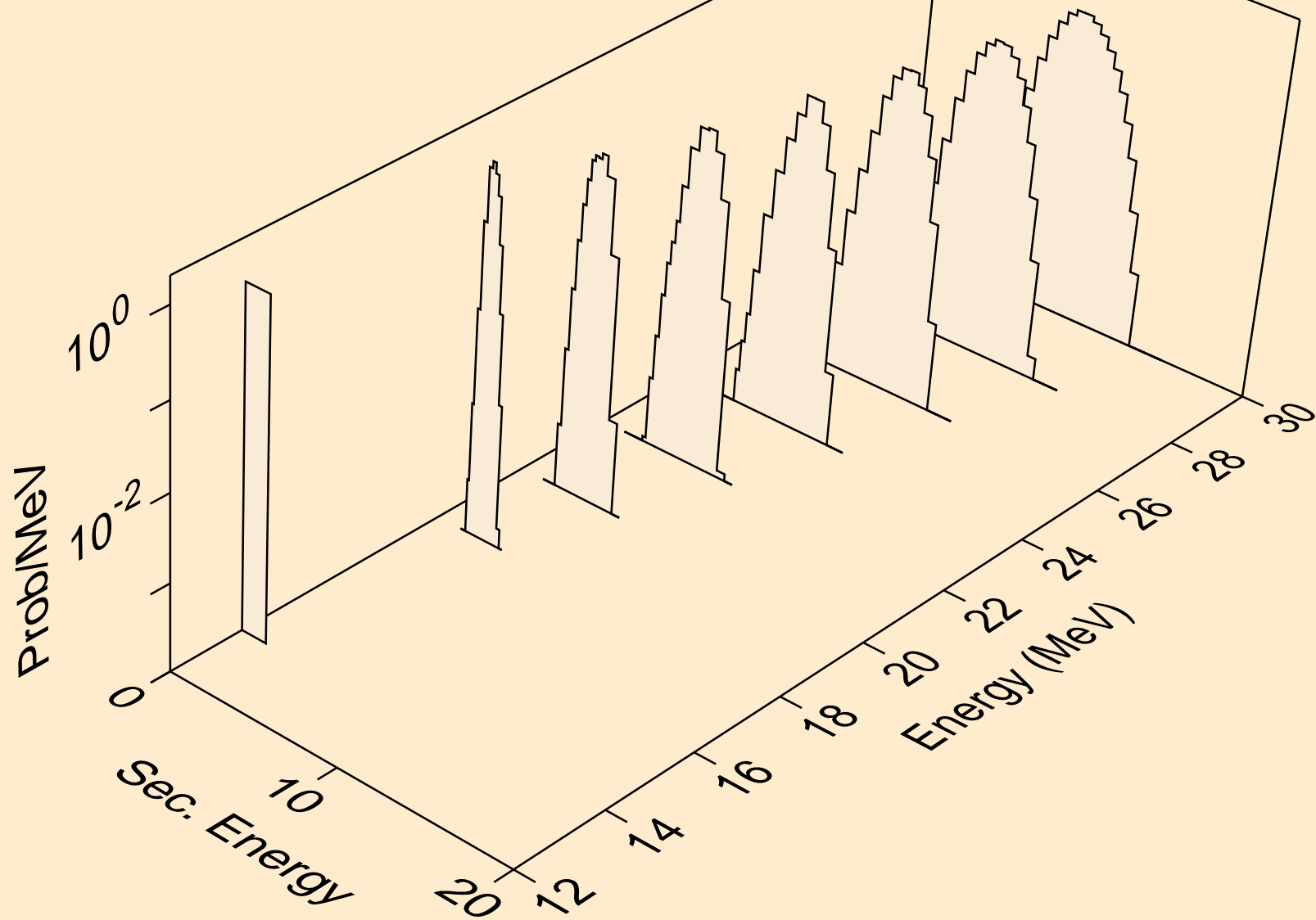
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alphas from (n,n\*)2a



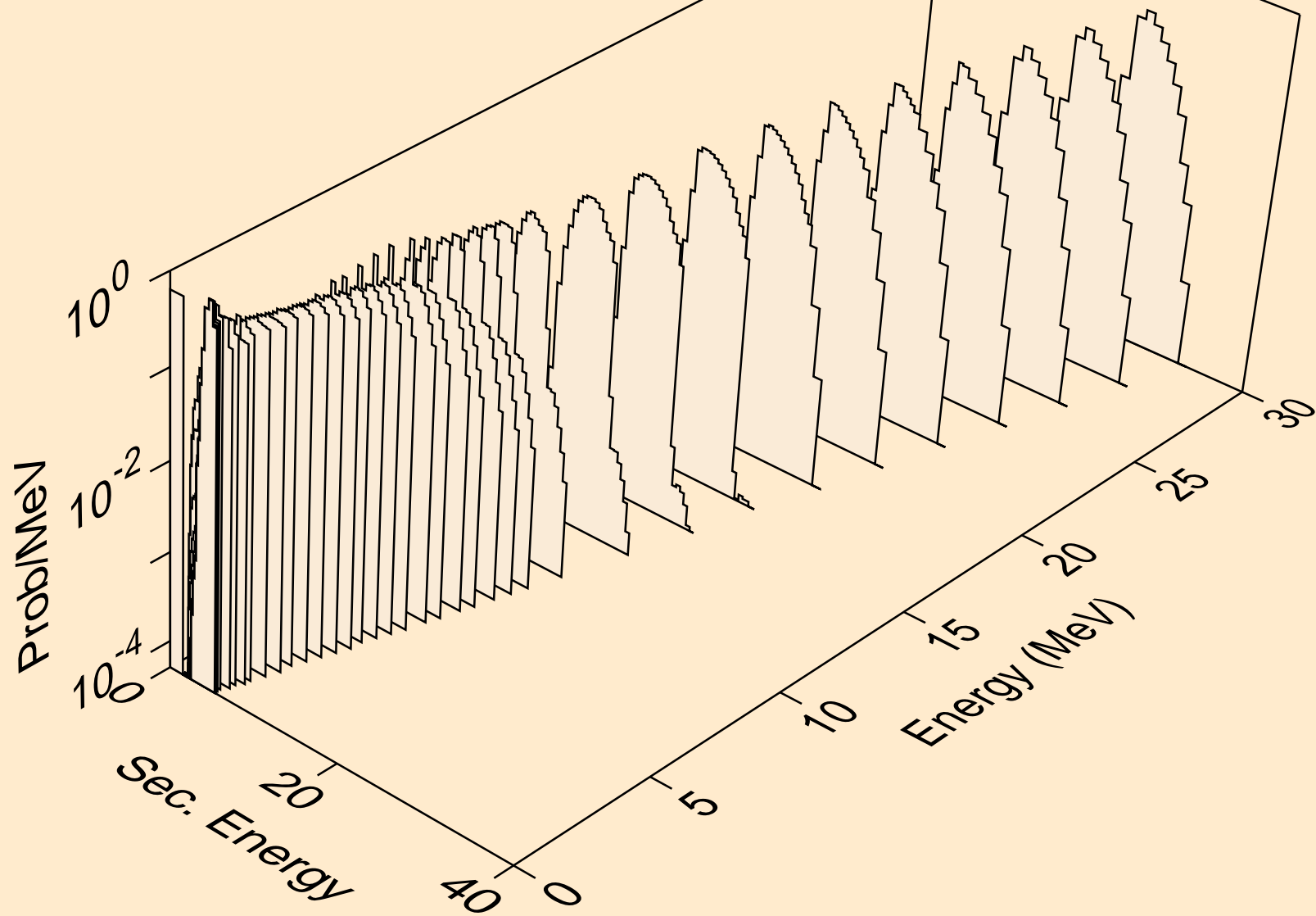
GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)2a



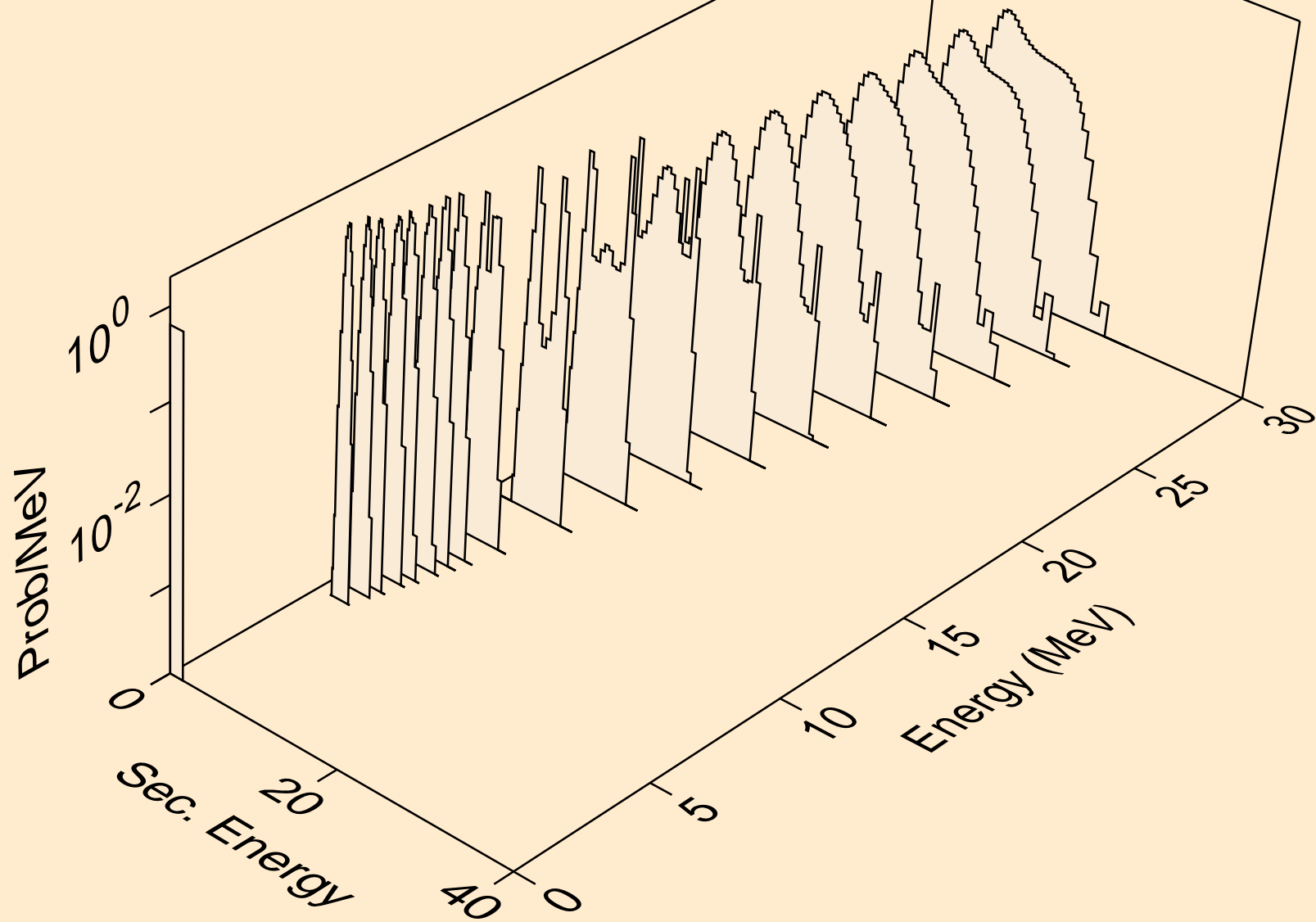
GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,npa)



GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)

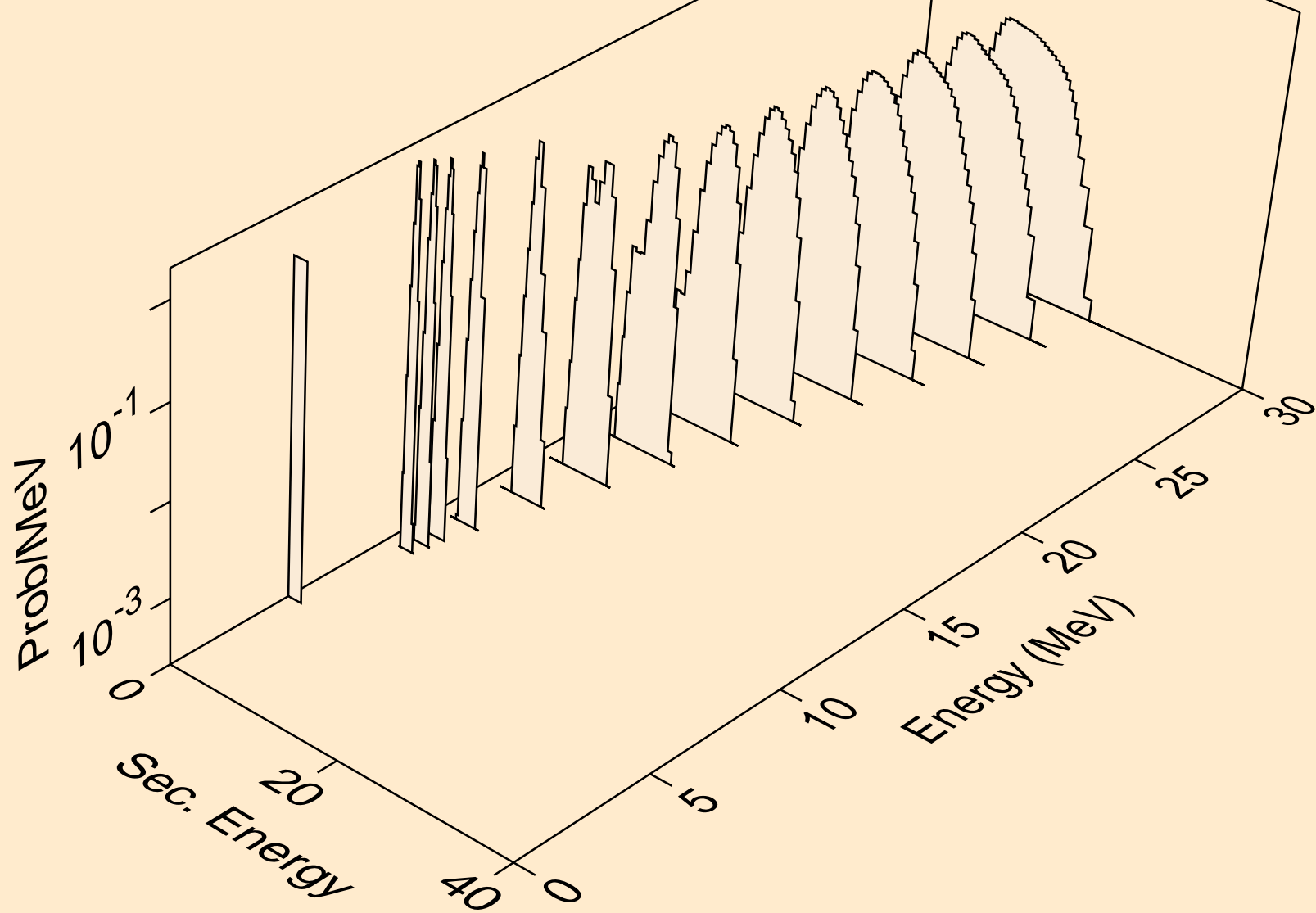


GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2a)





GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,p)



GE071 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,da)

