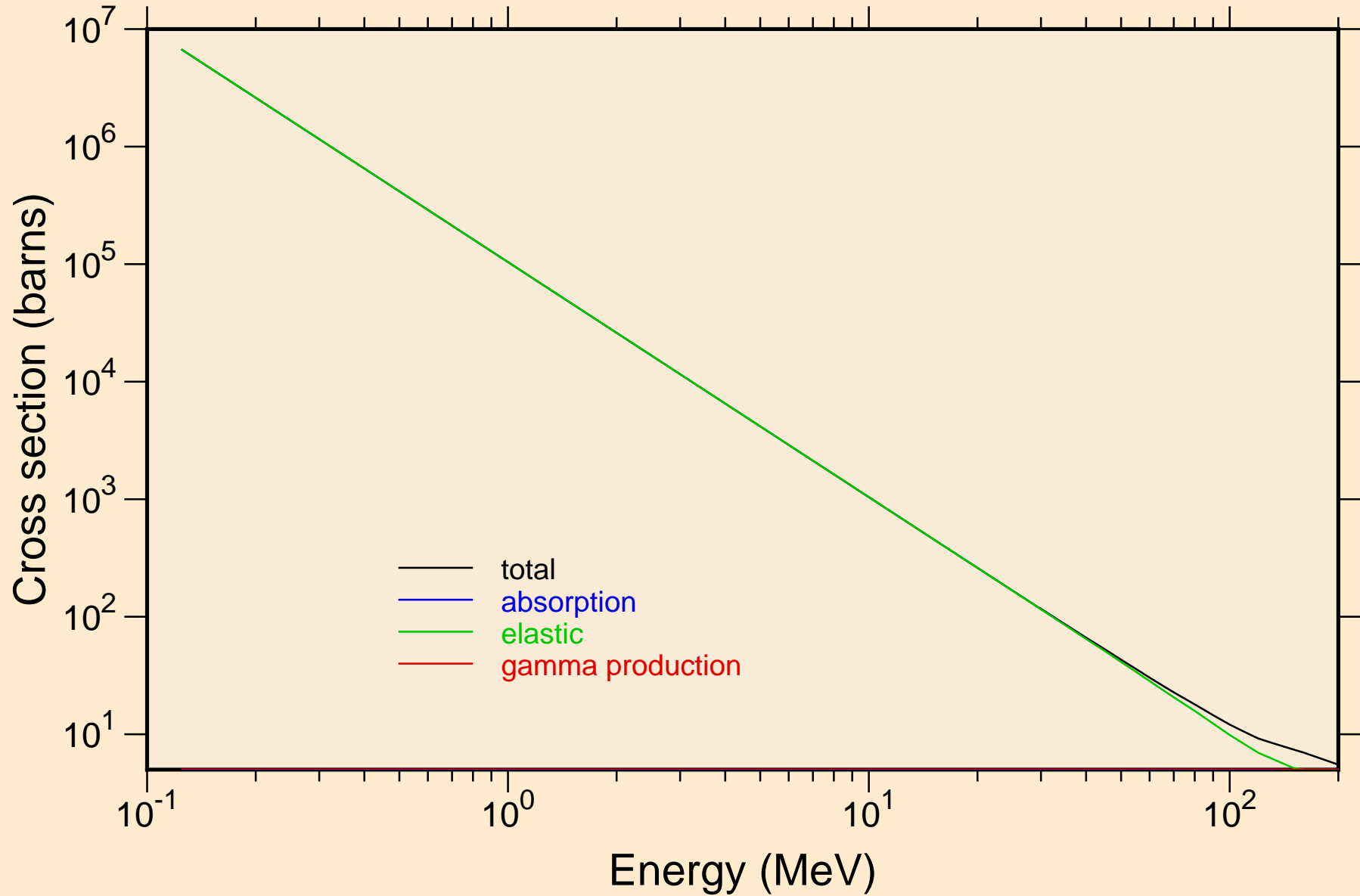


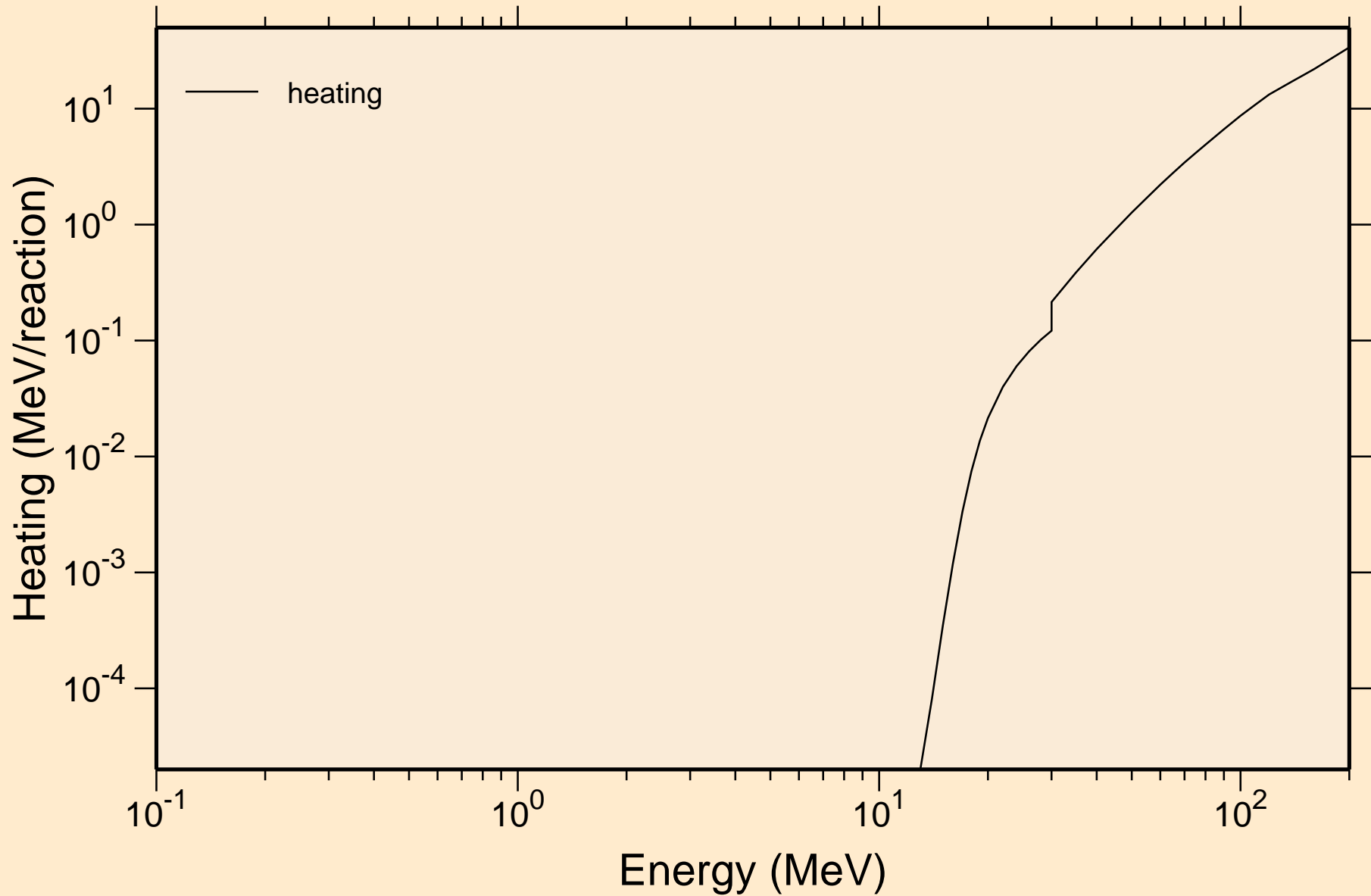
# GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



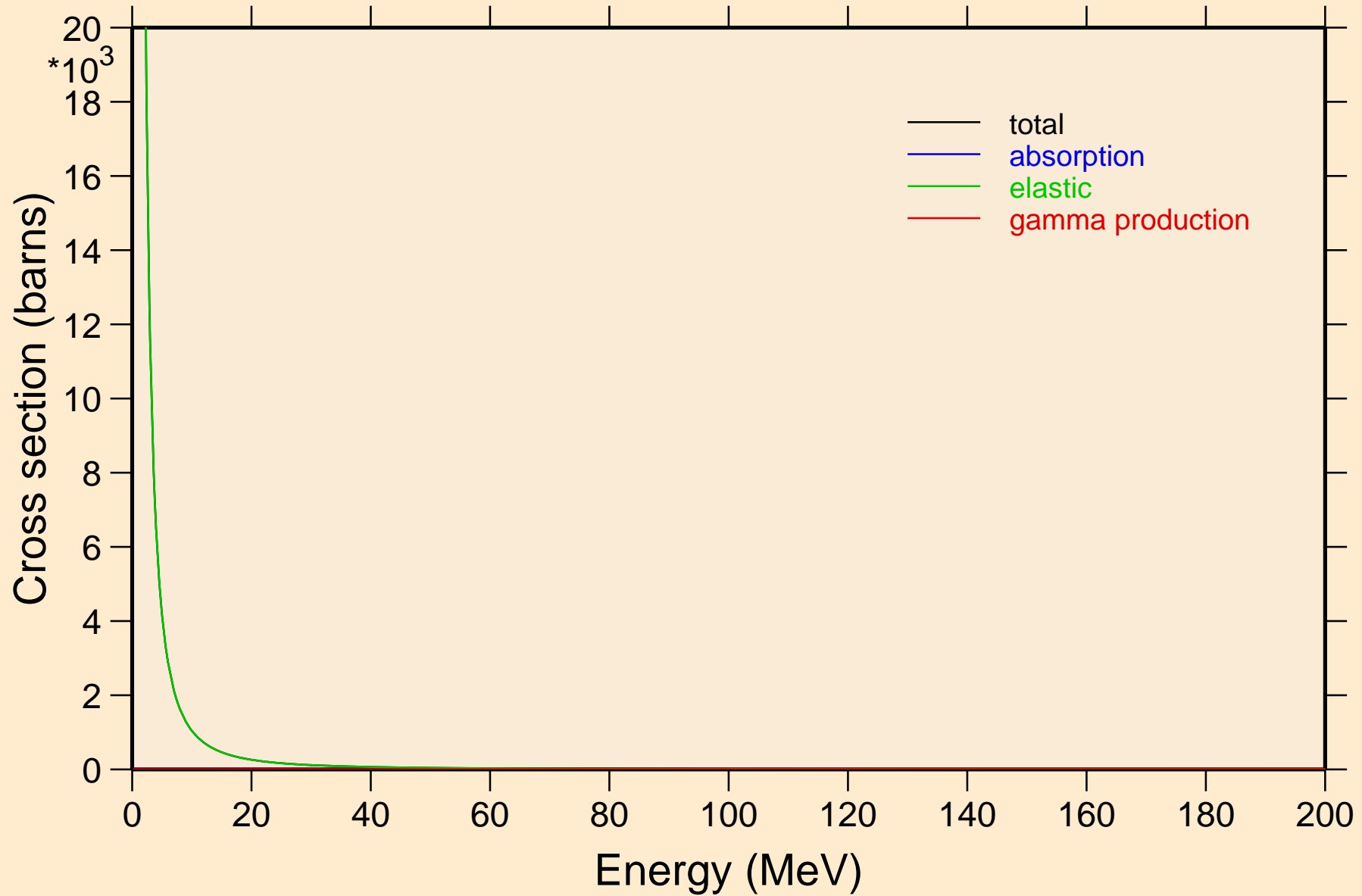
# GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Heating



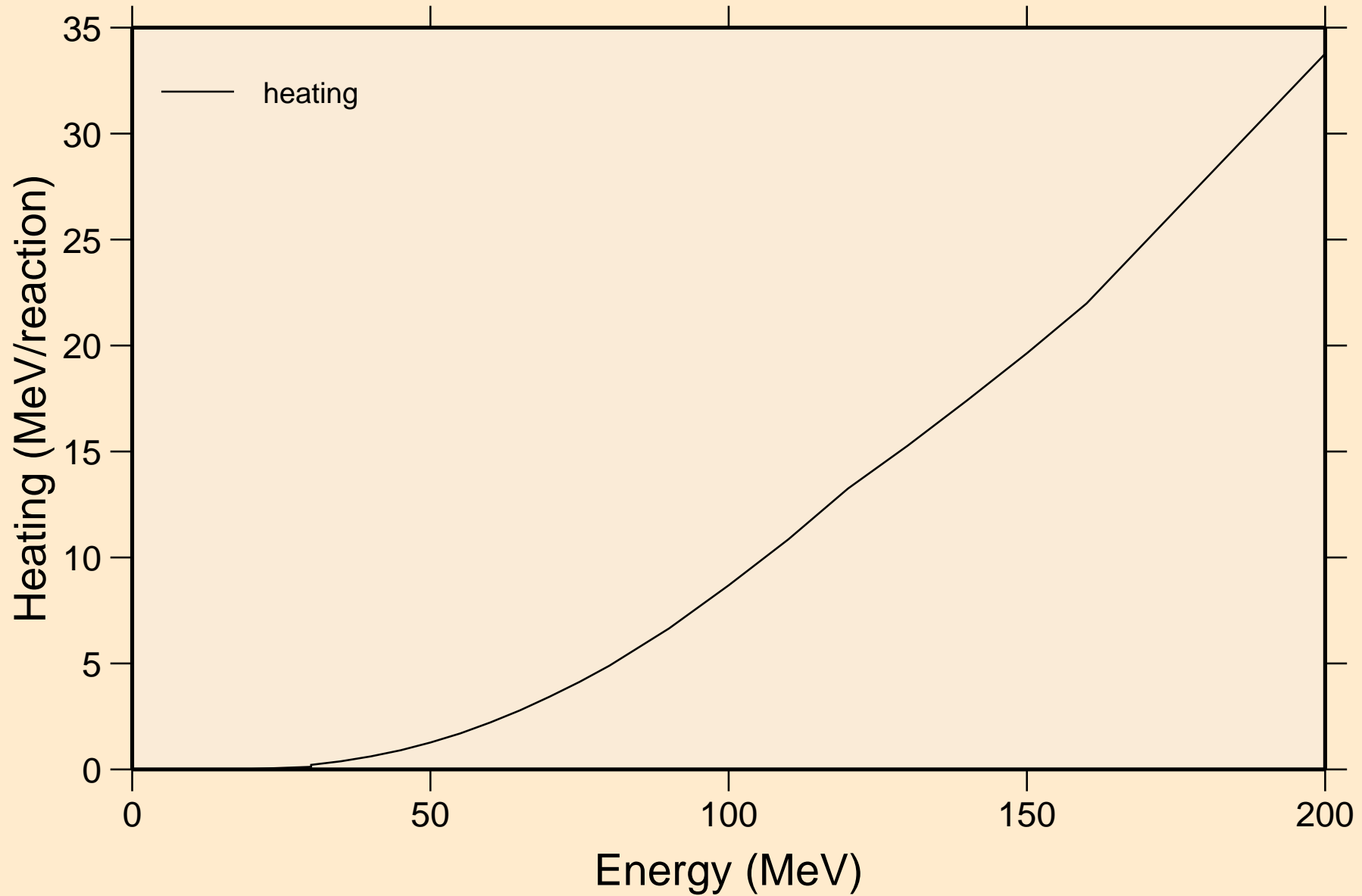
# GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



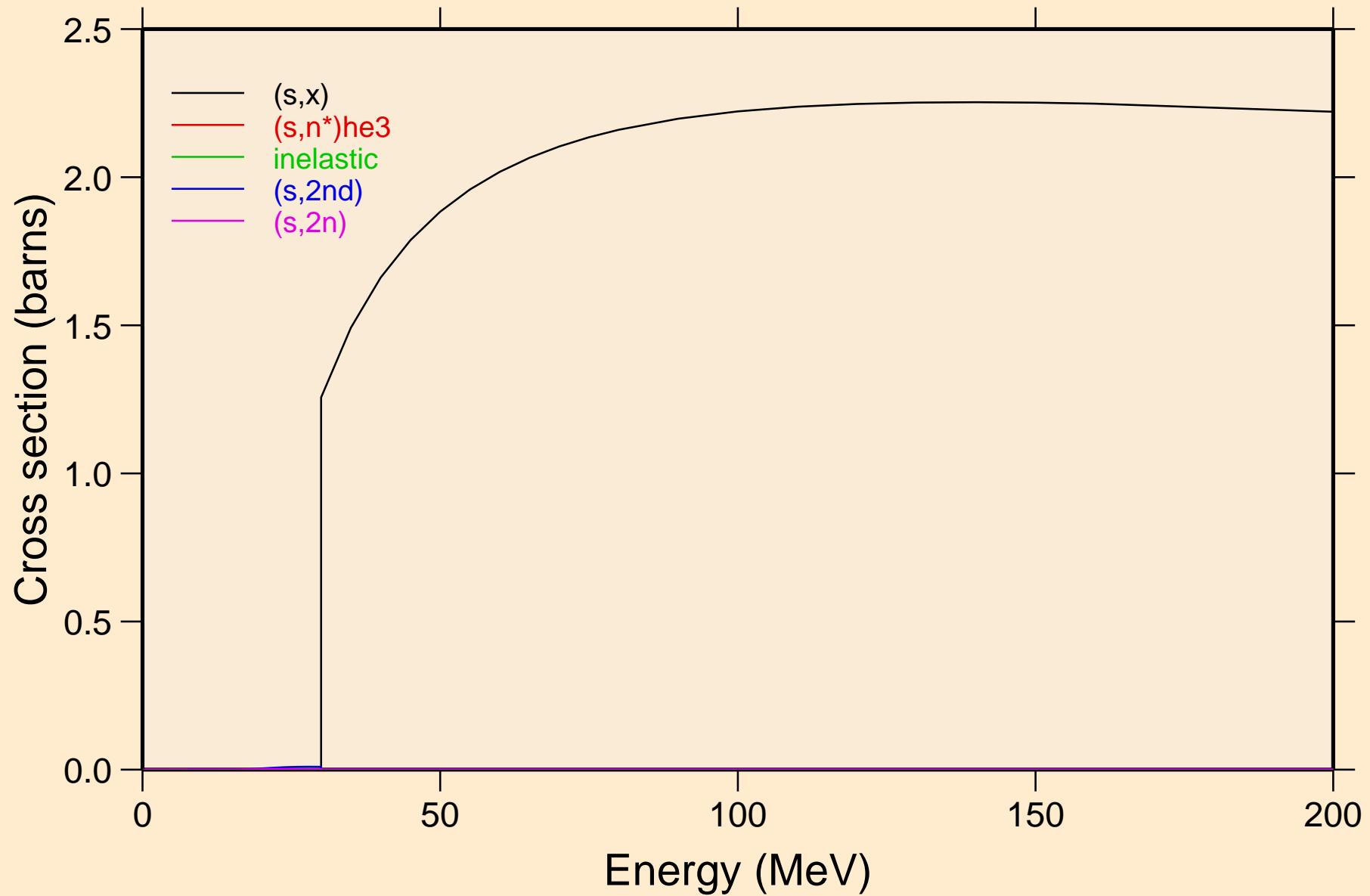
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## Heating

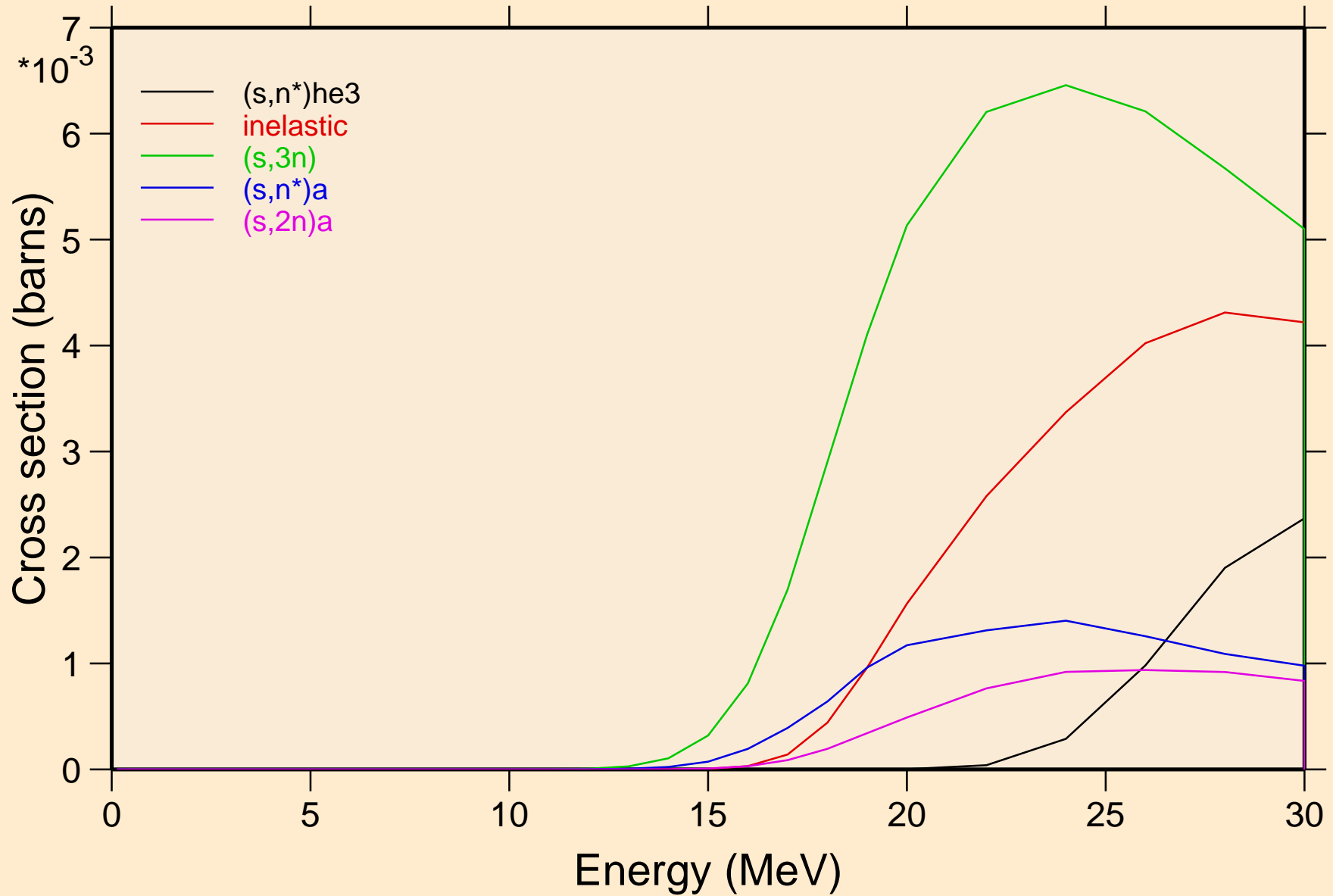


# GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

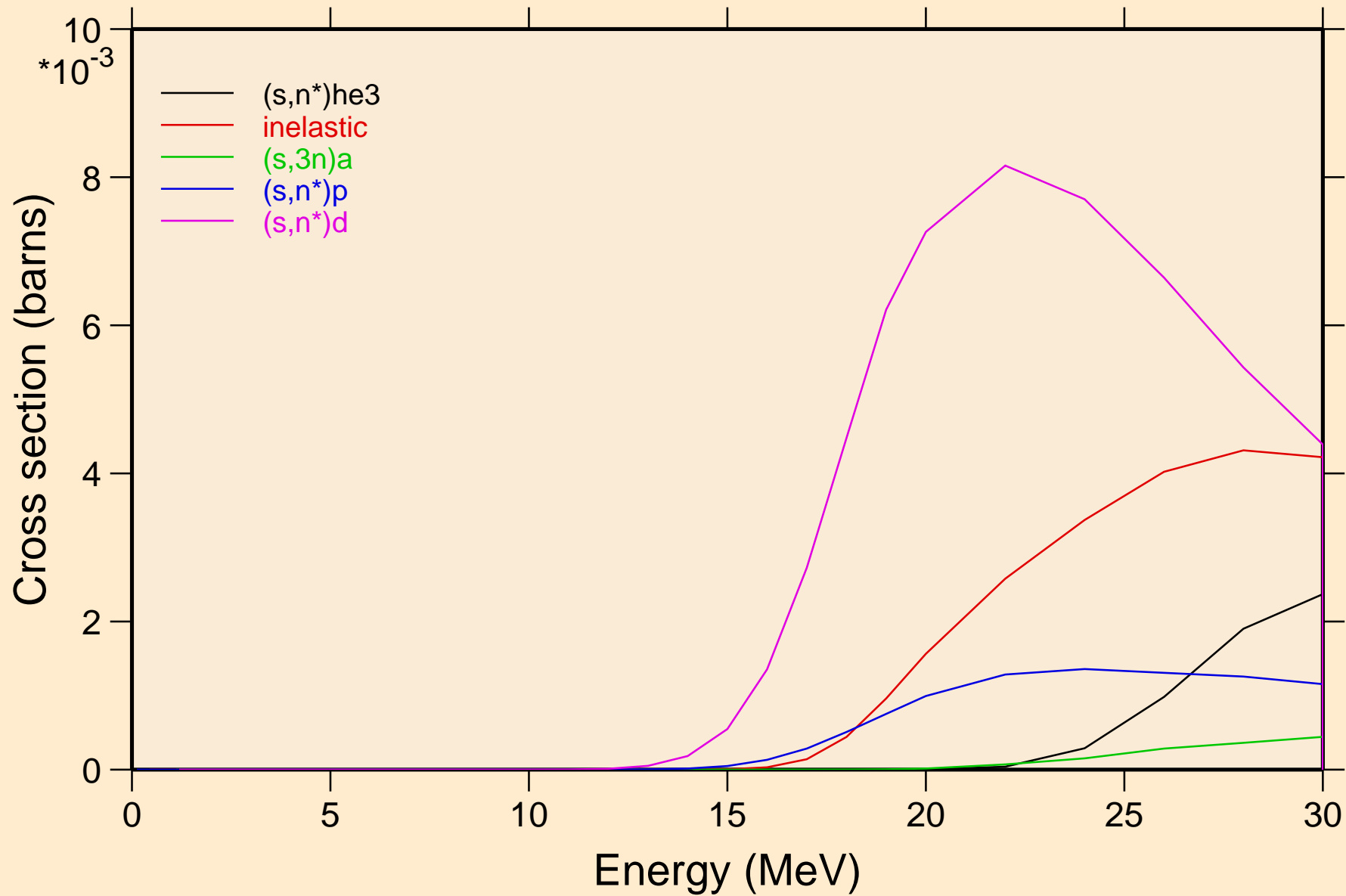


GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



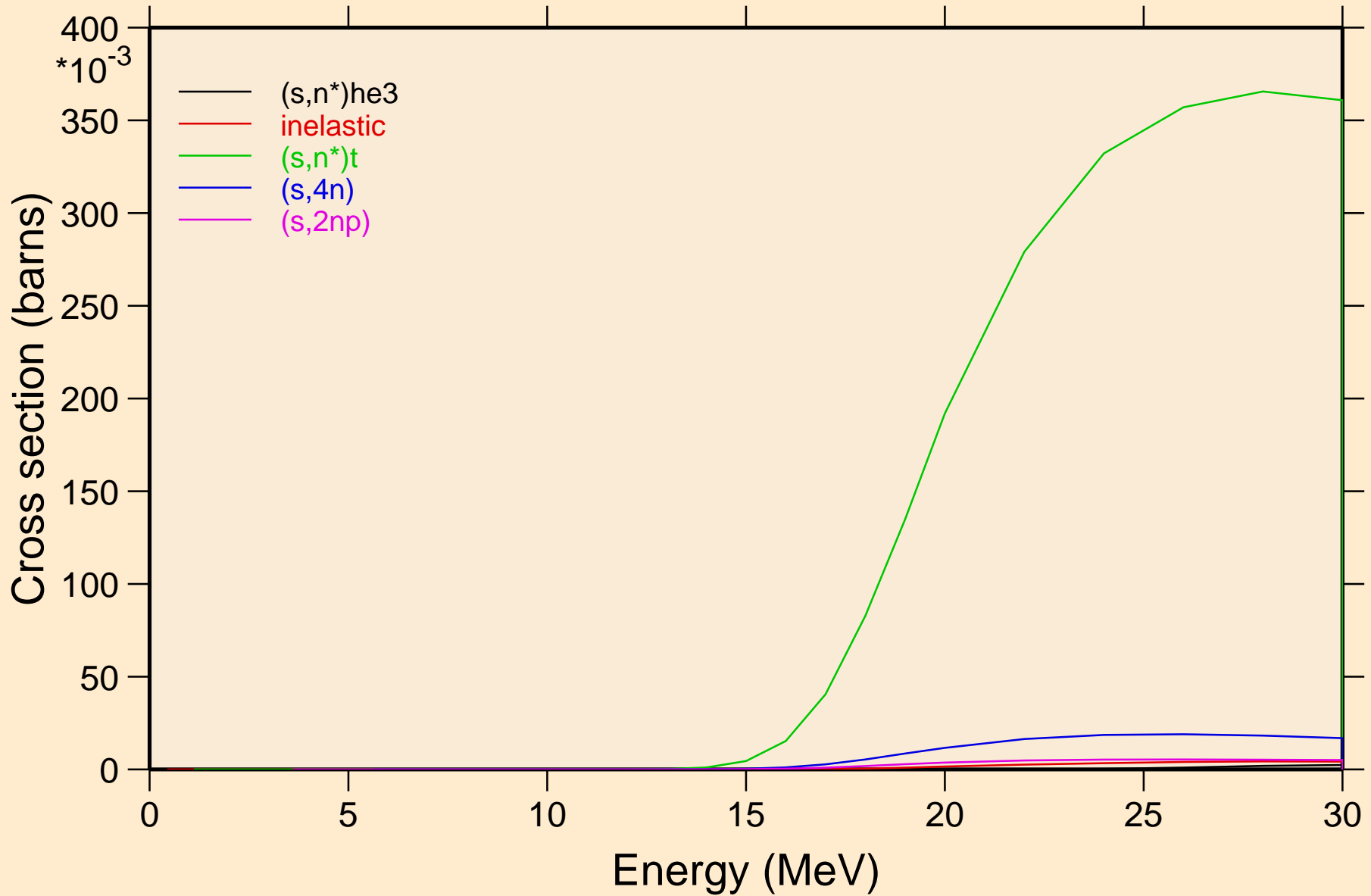
# GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



# GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K

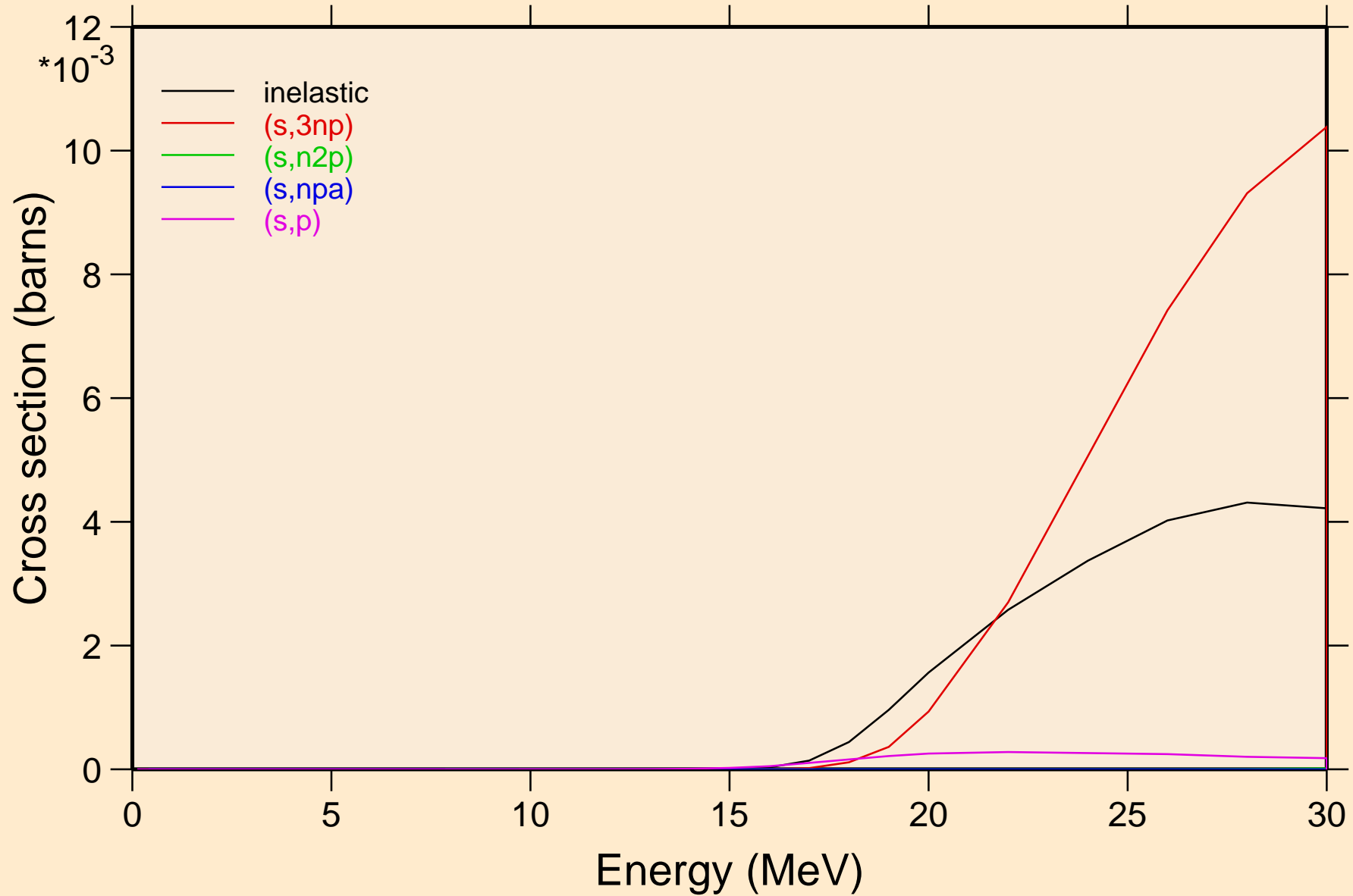
## Threshold reactions





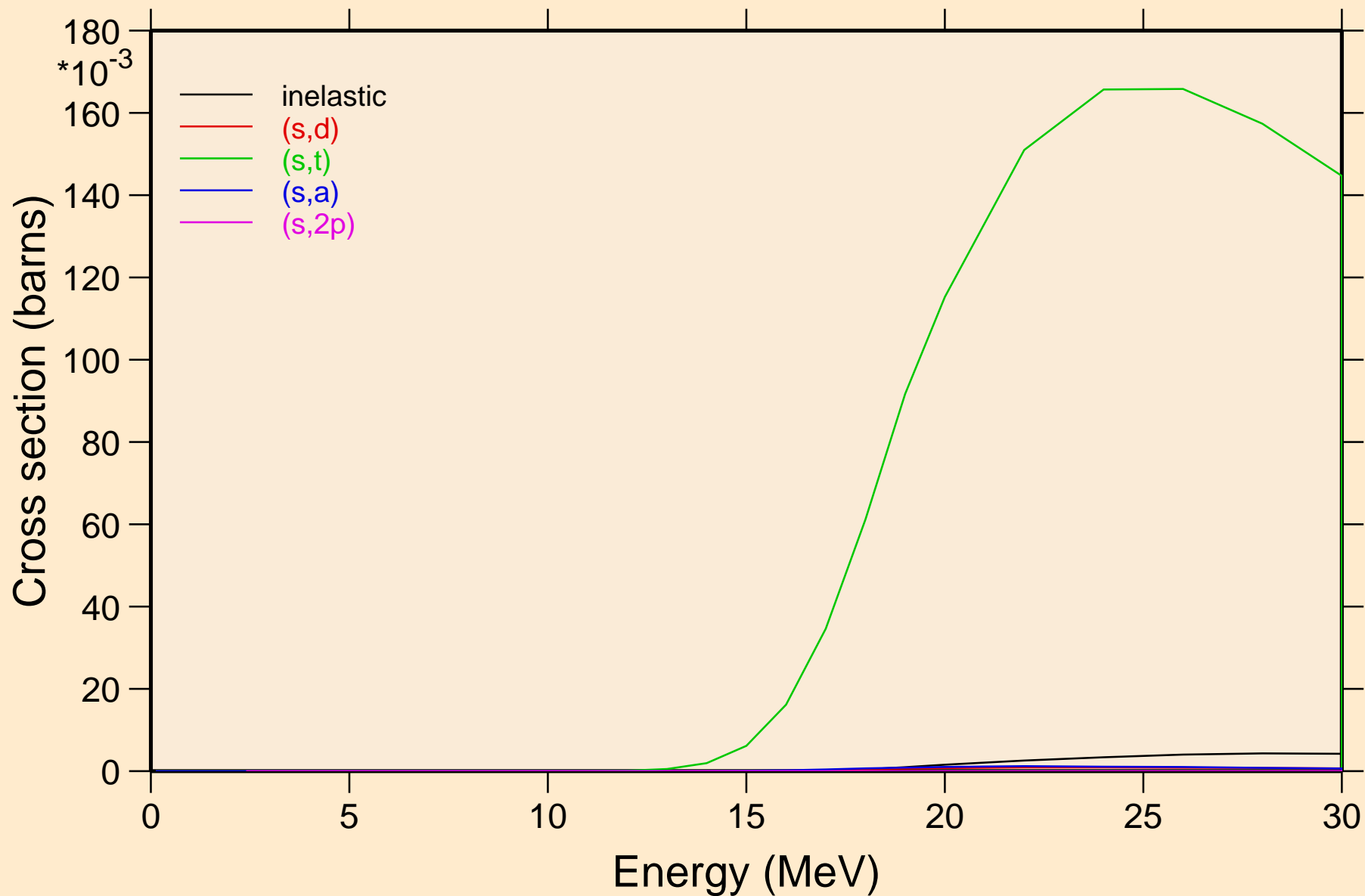
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## Threshold reactions

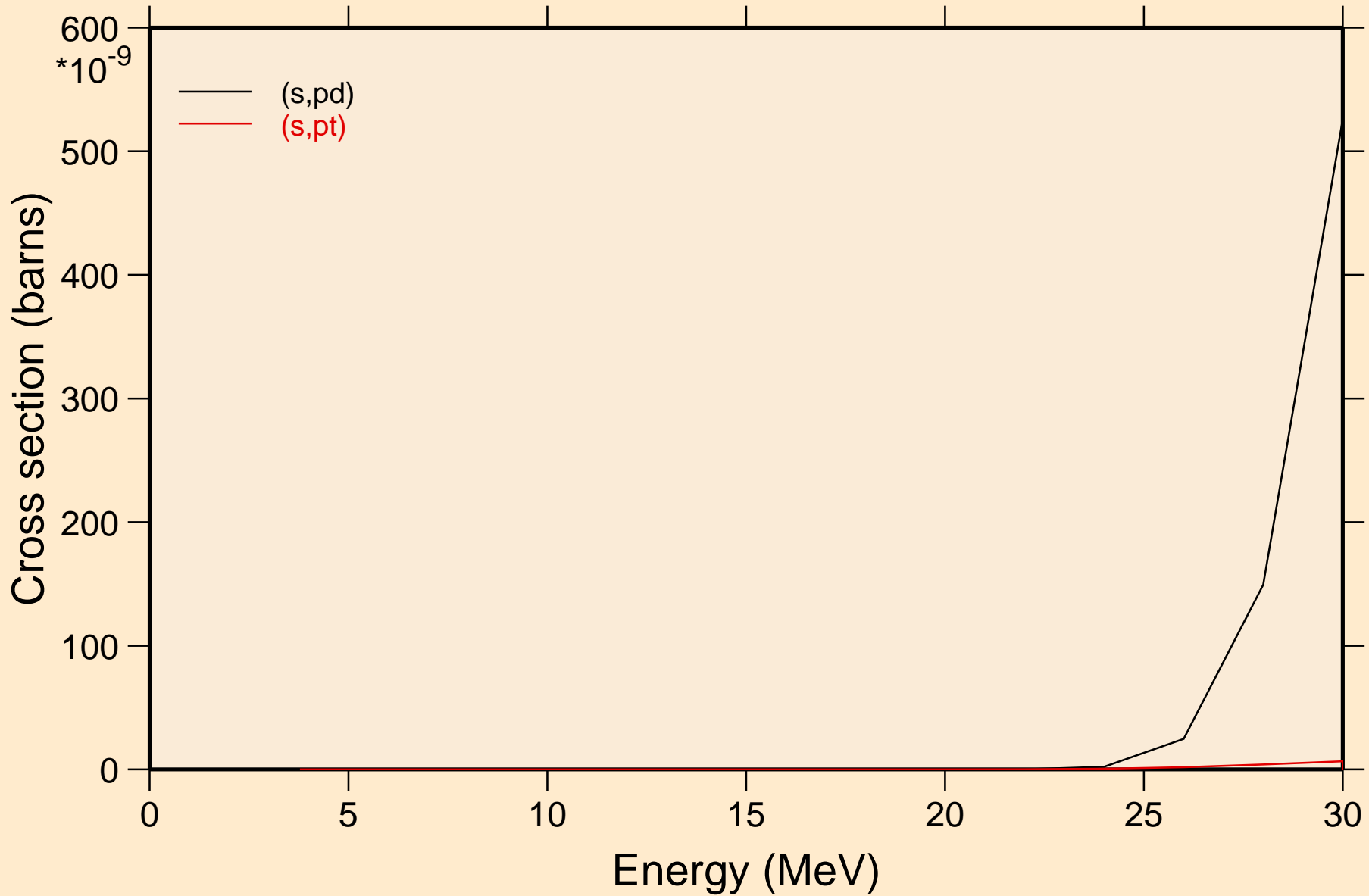


# GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K

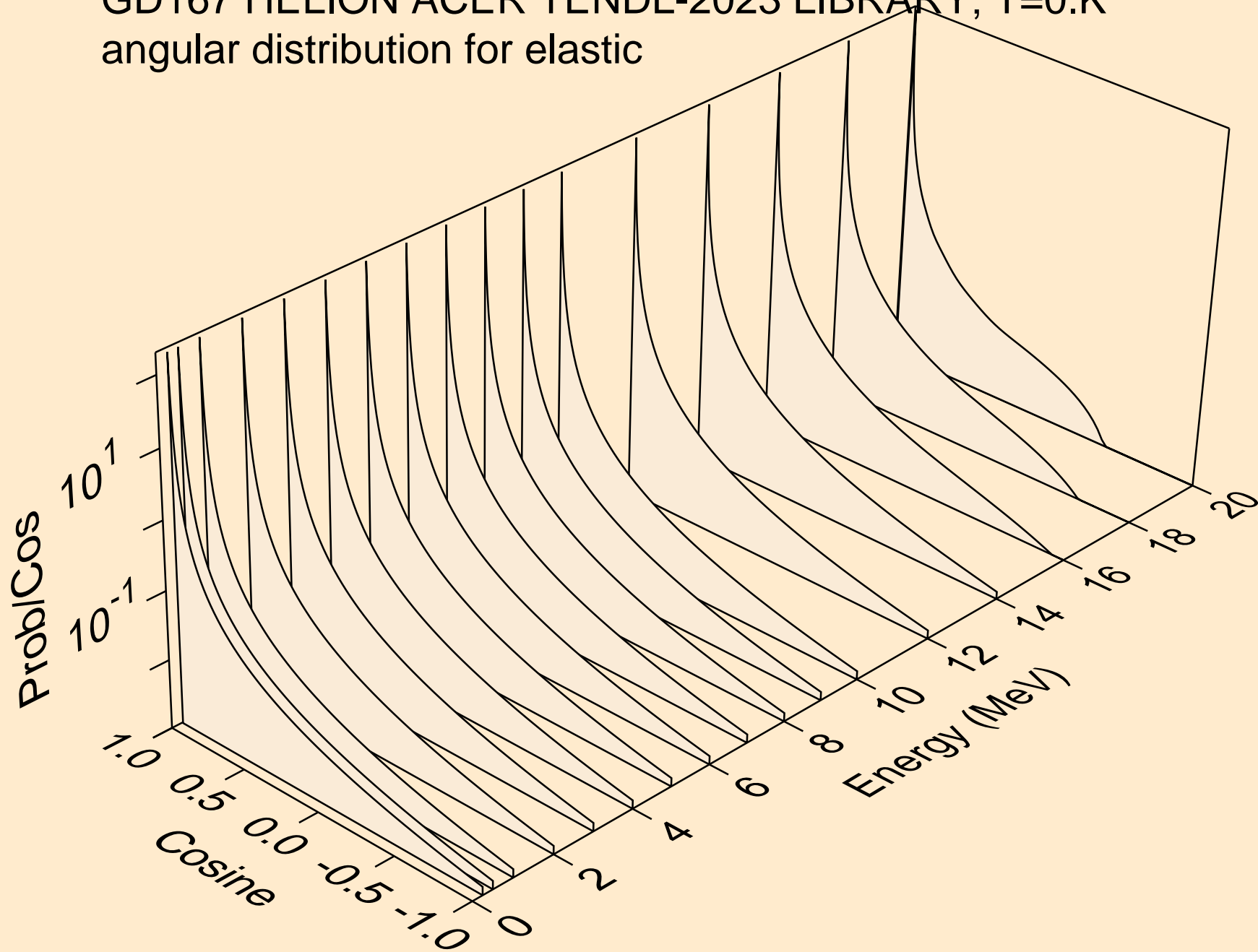
## Threshold reactions



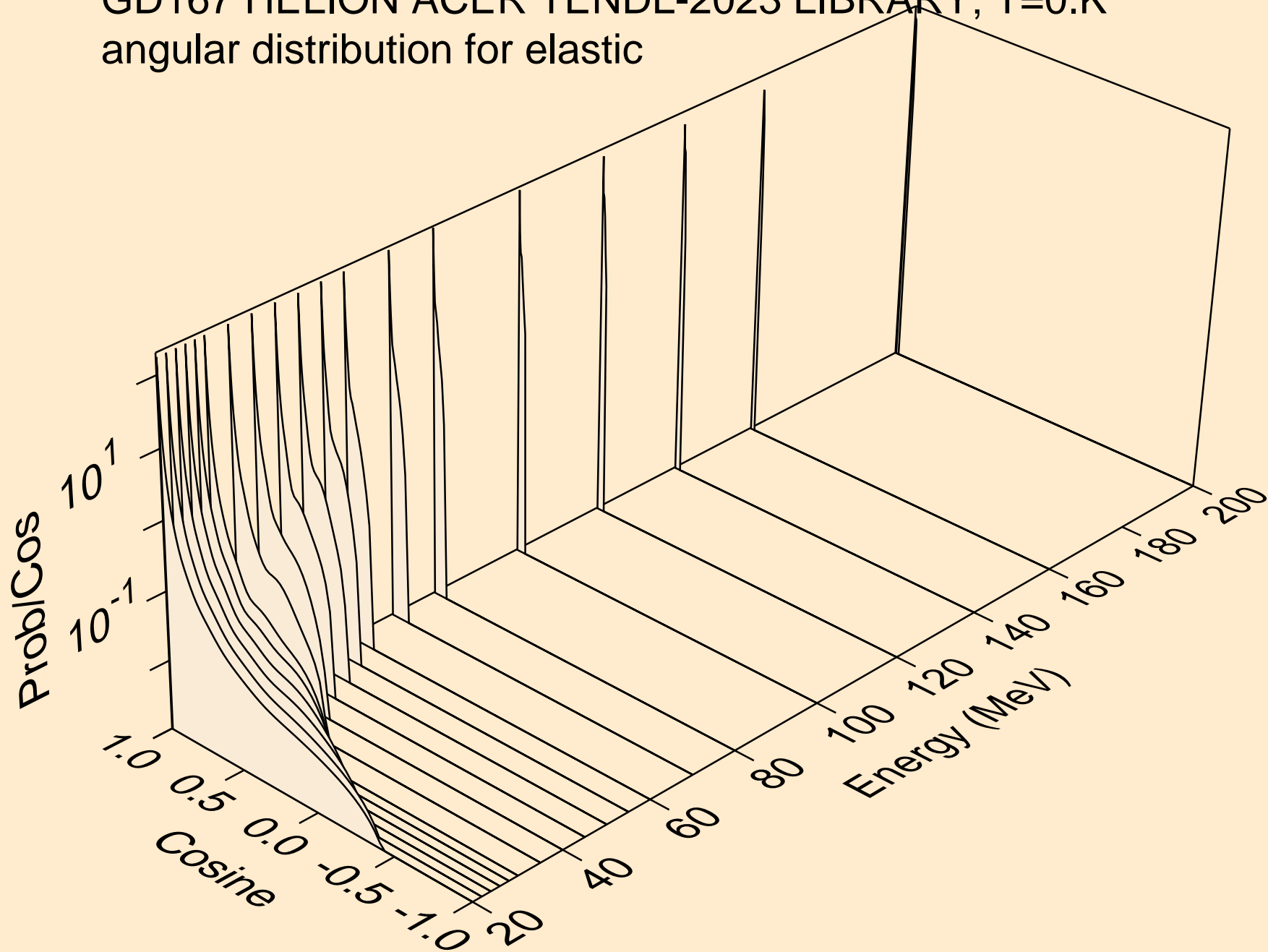
GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



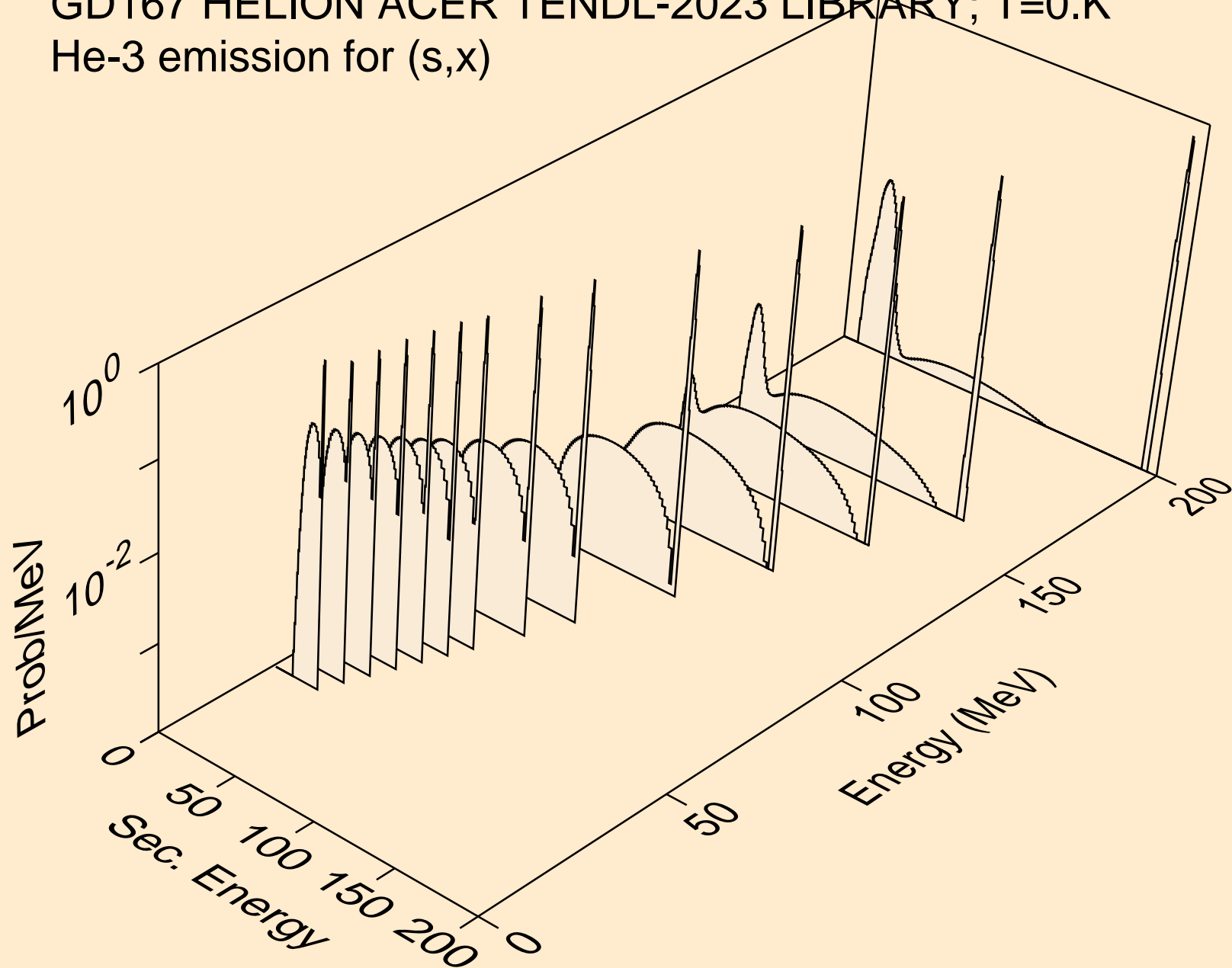
GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



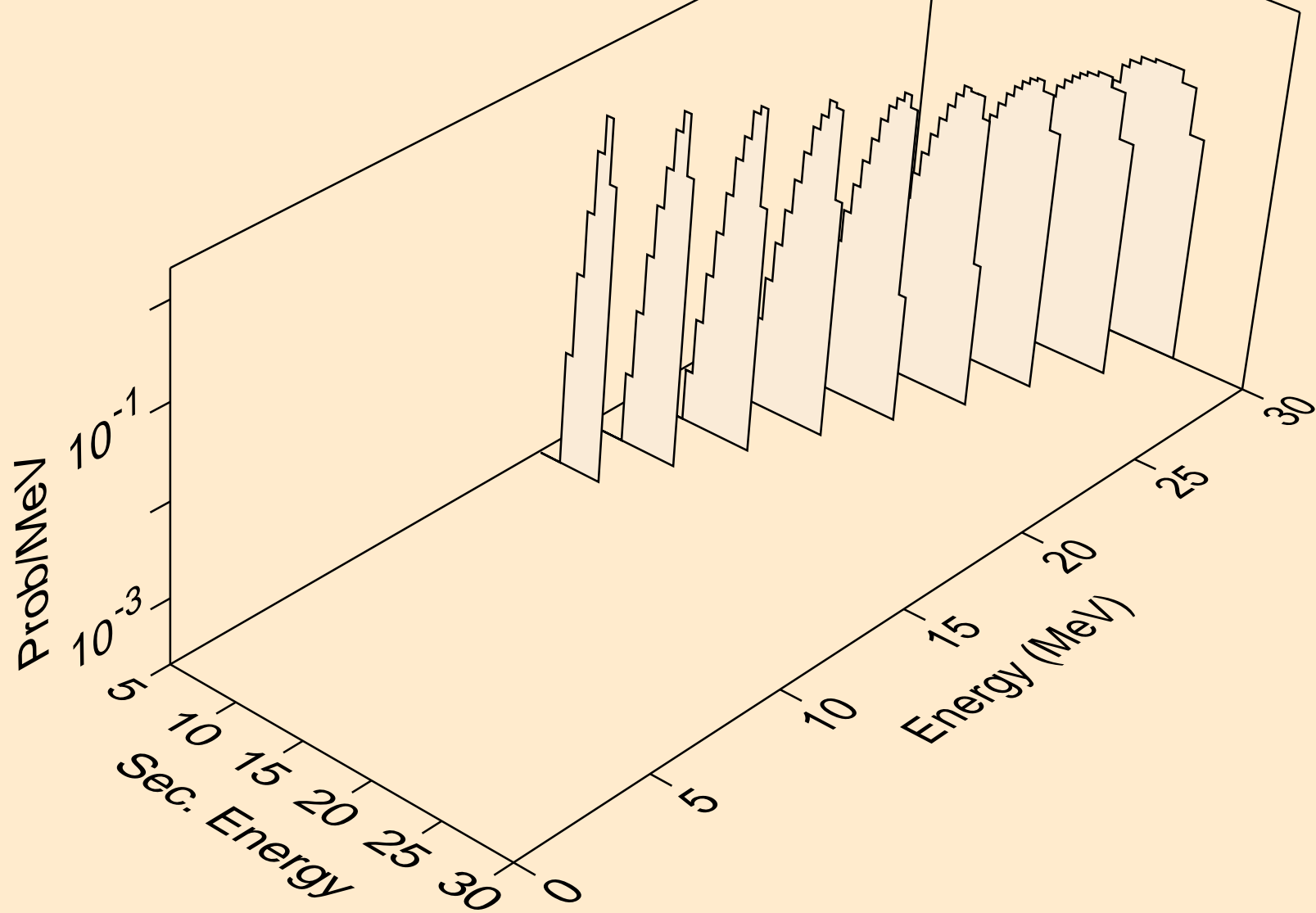
GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



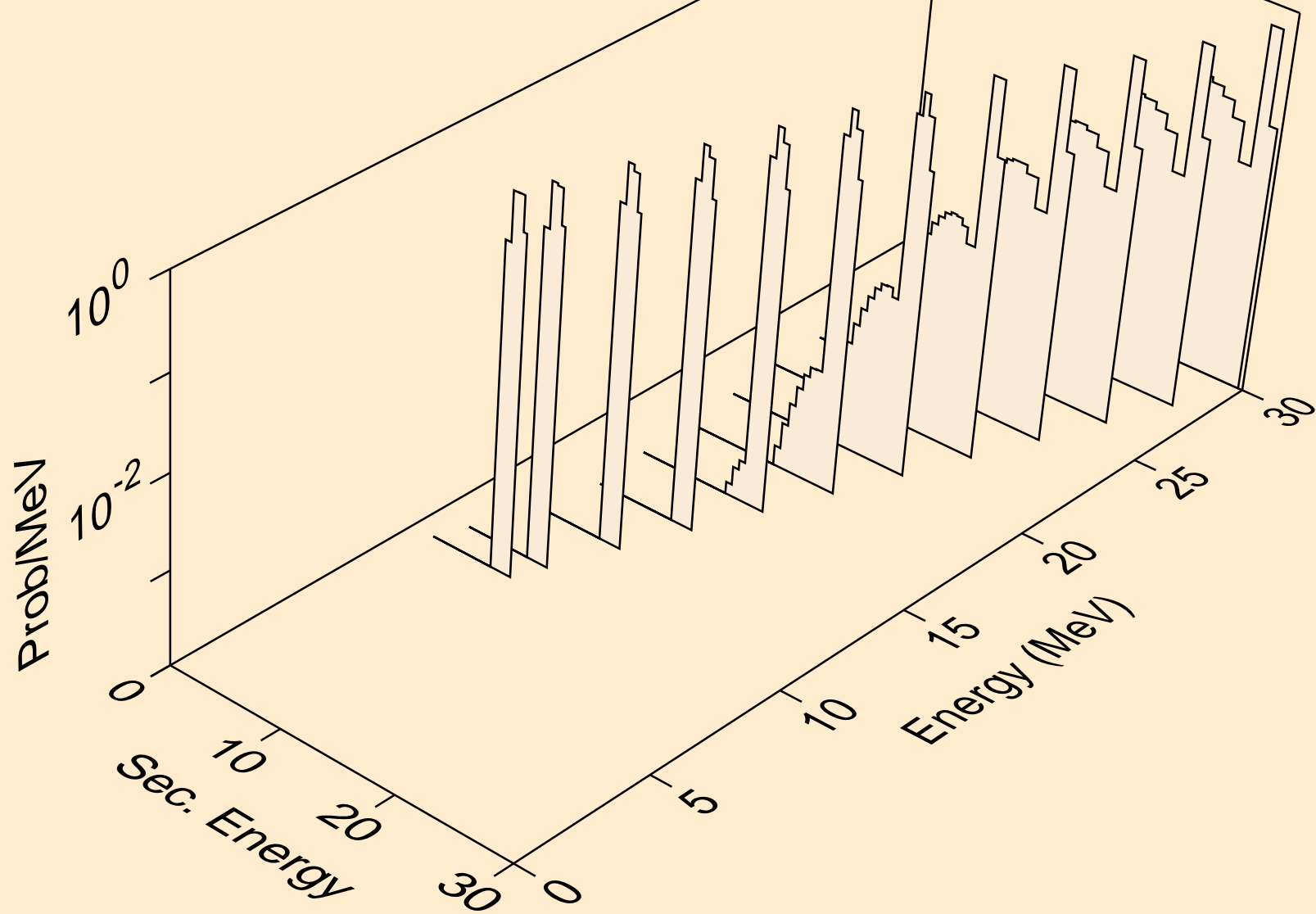
GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,x)



GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

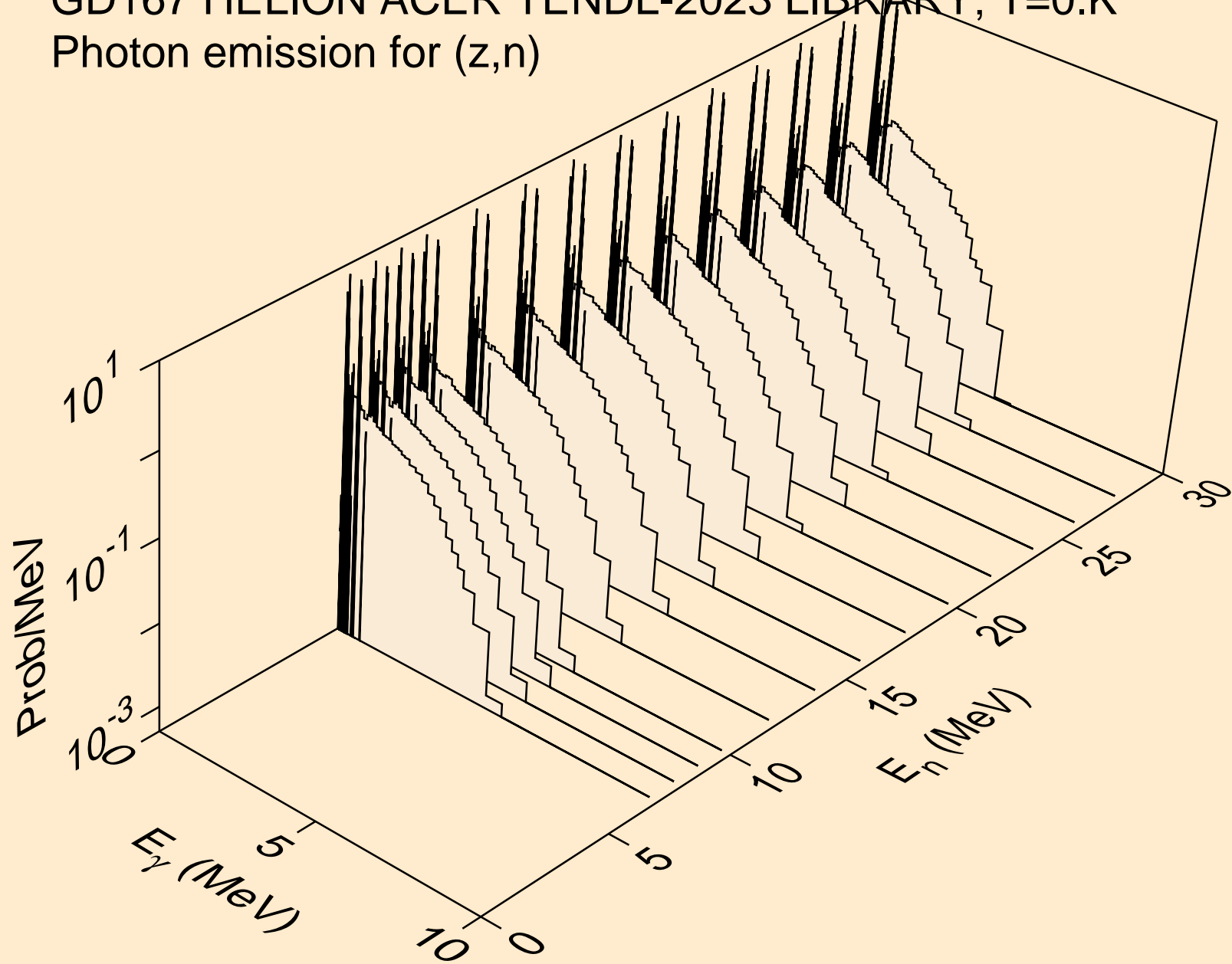


GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for inelastic

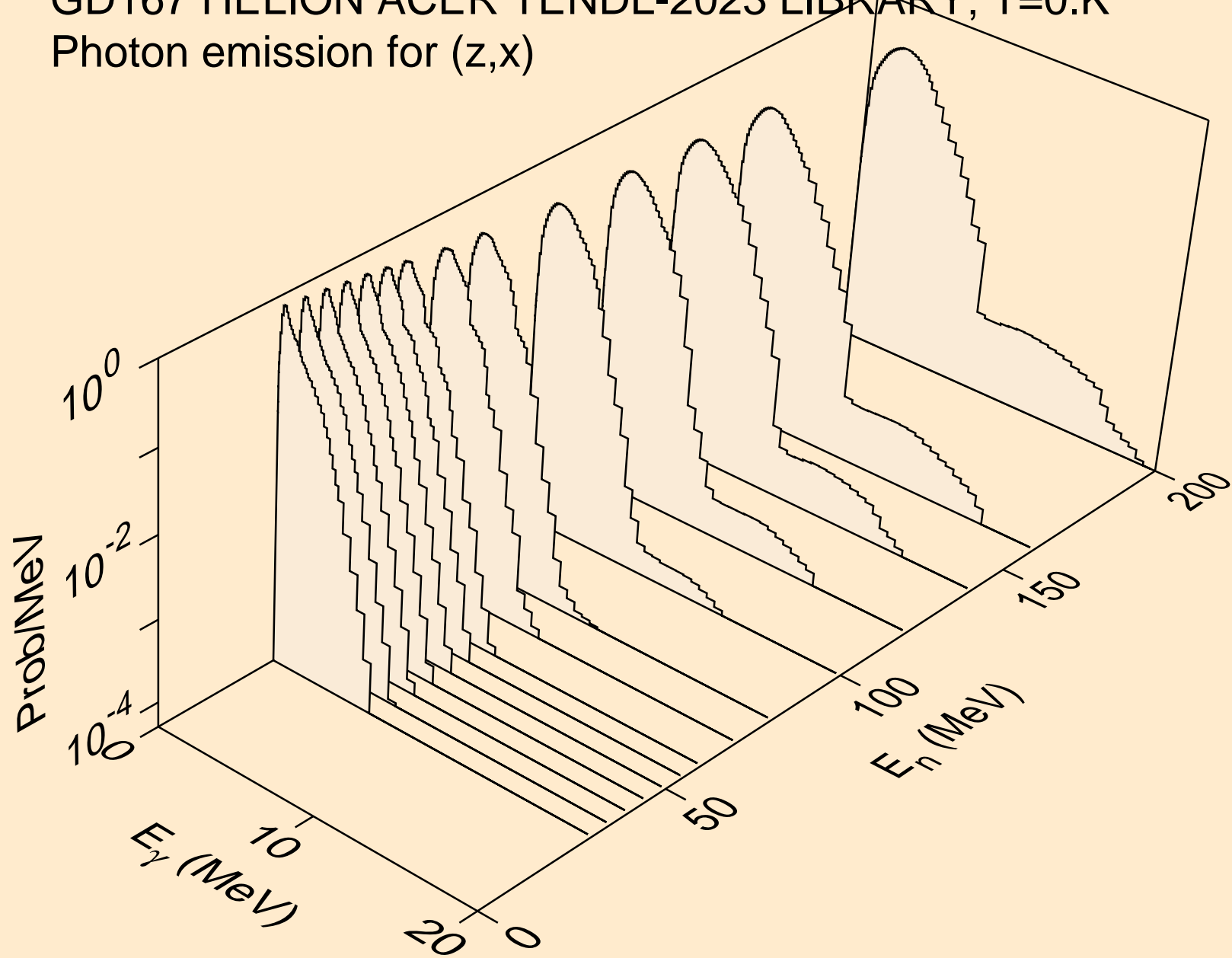




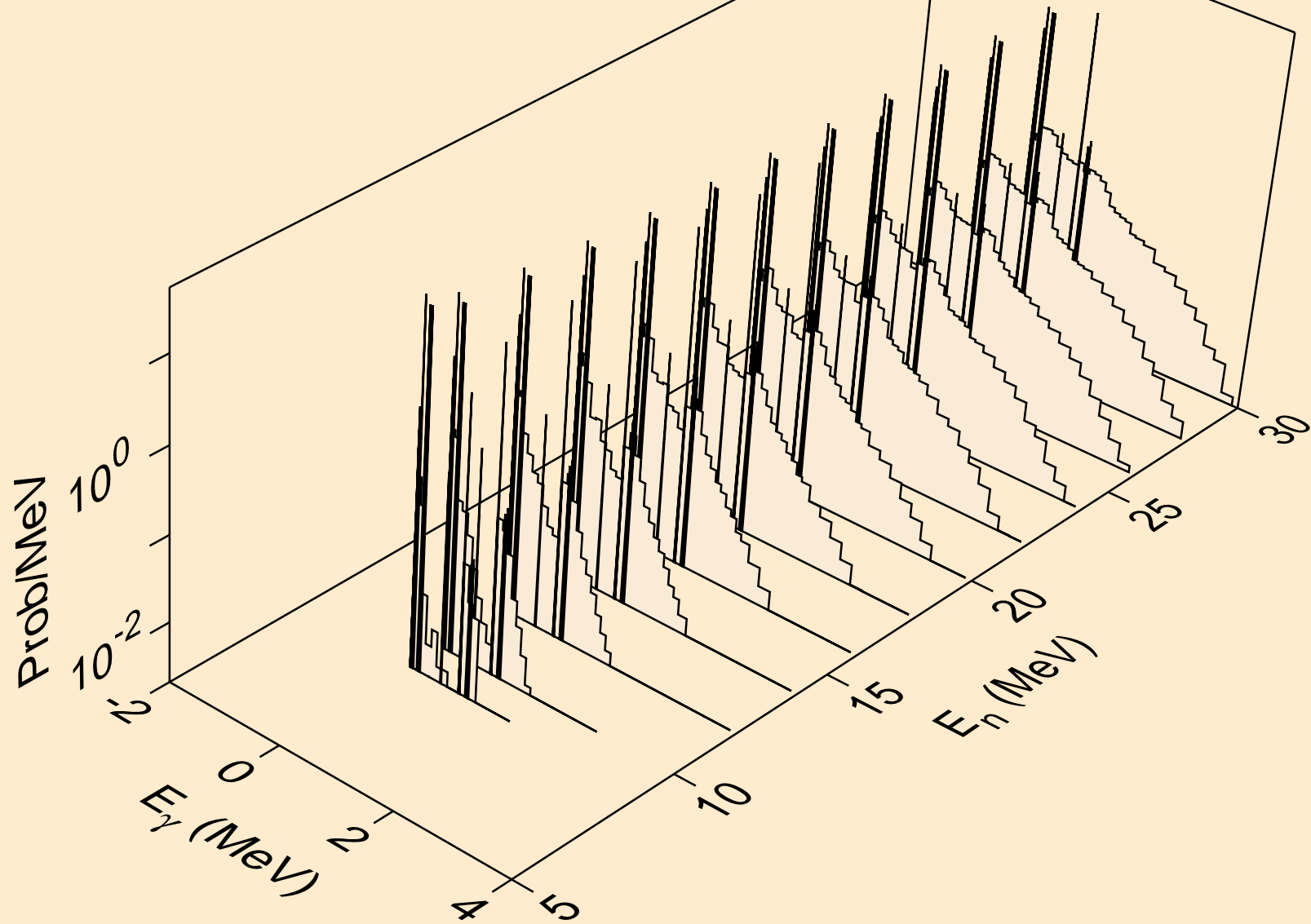
GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



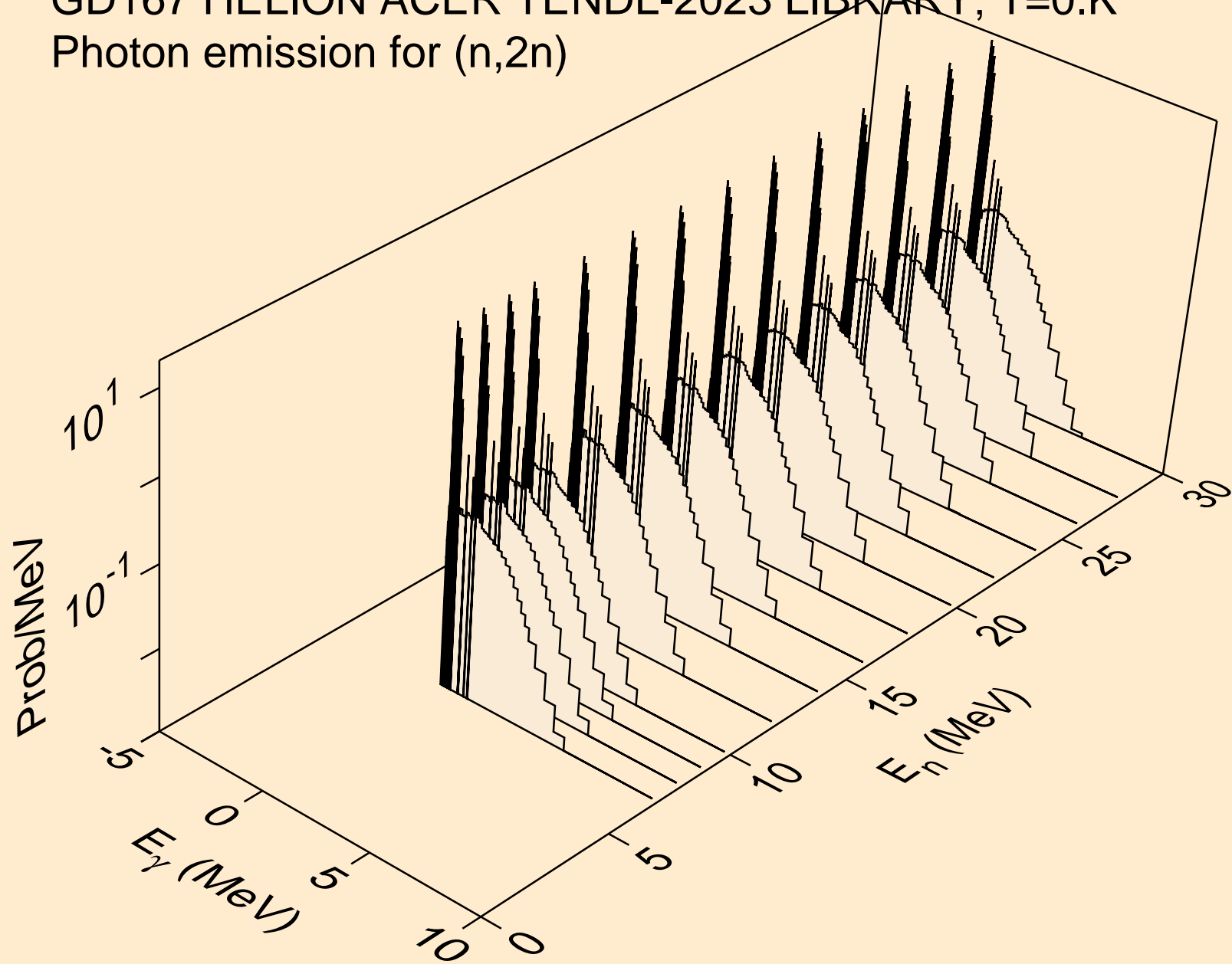
GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



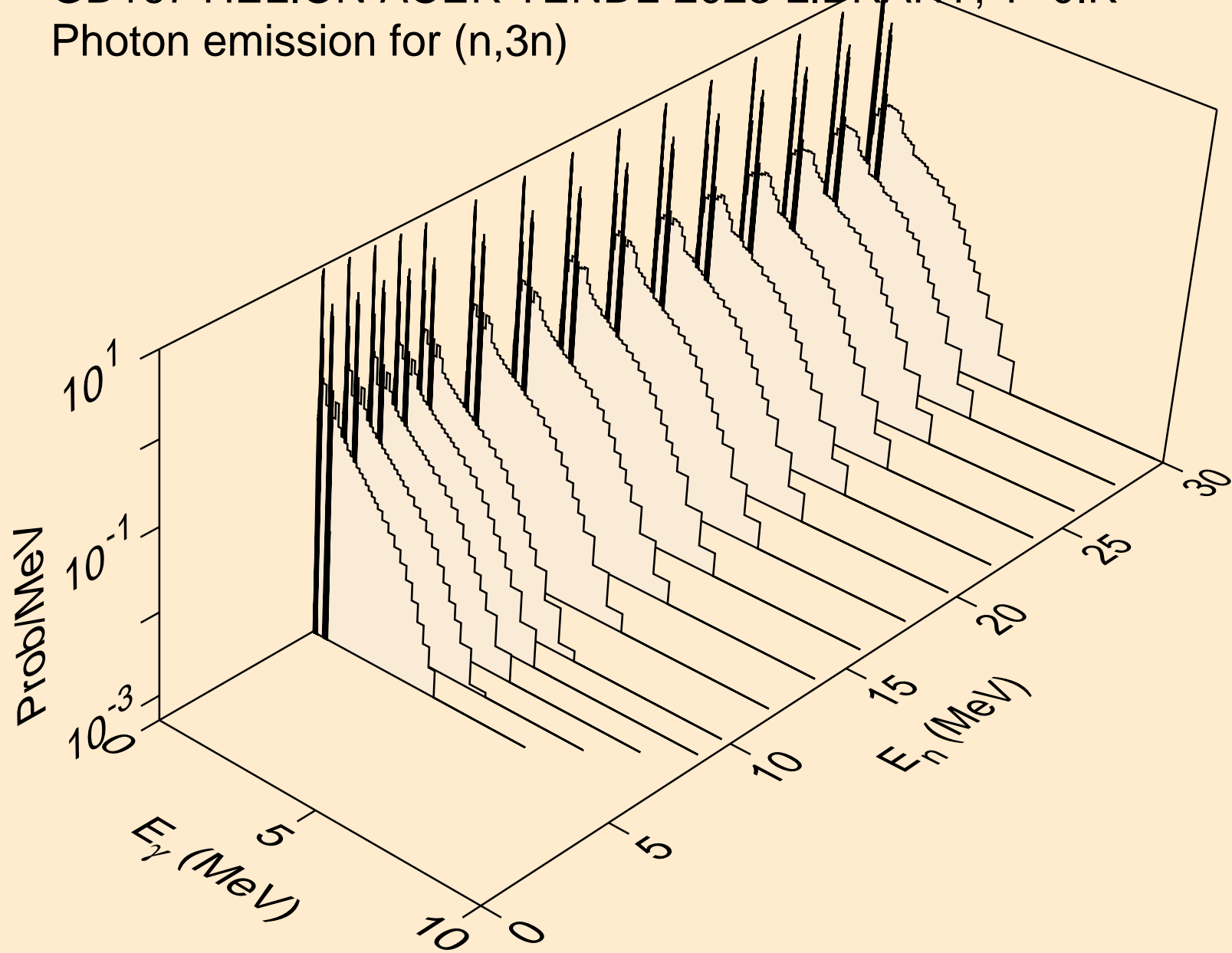
GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



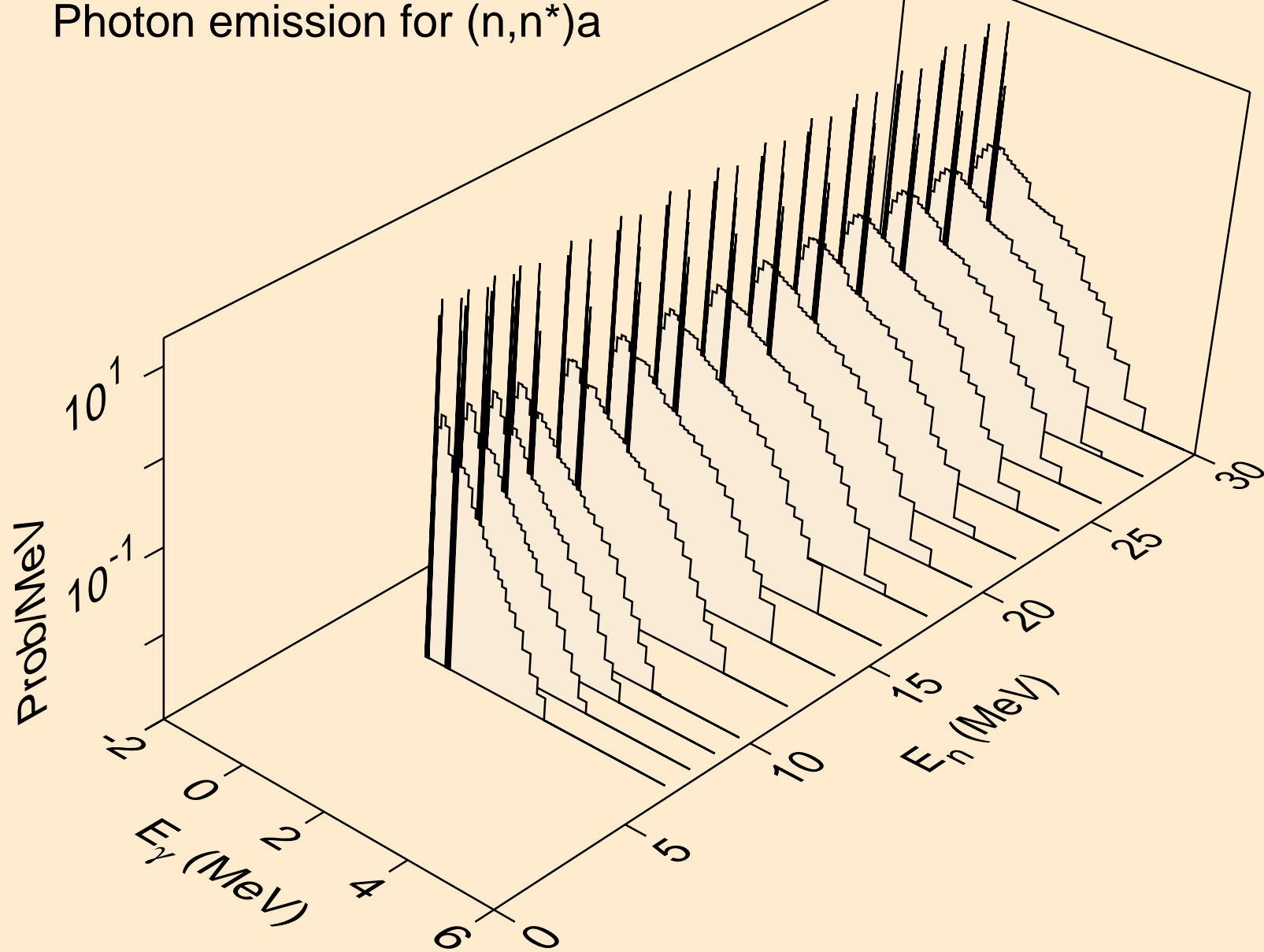
GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



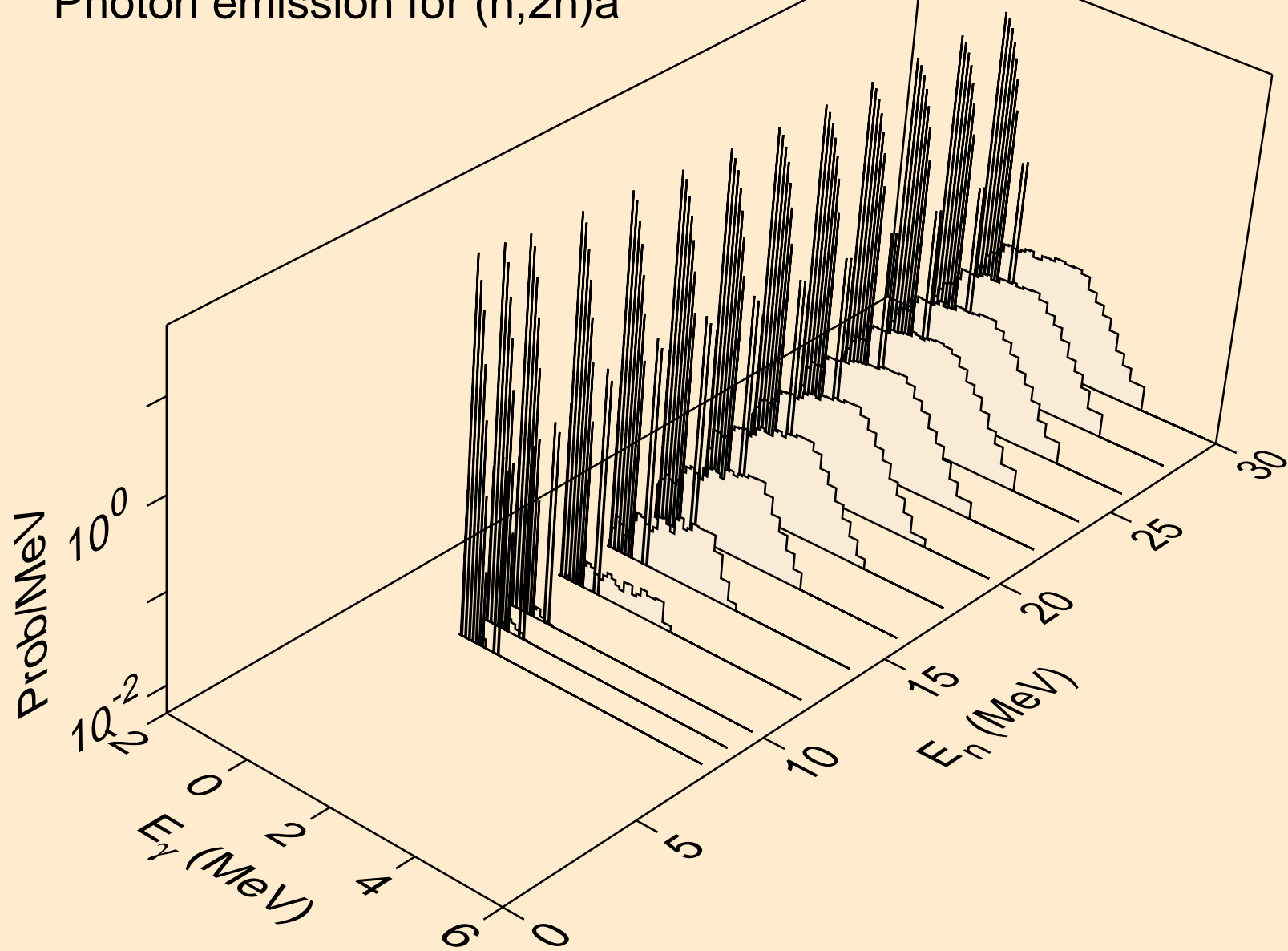
GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



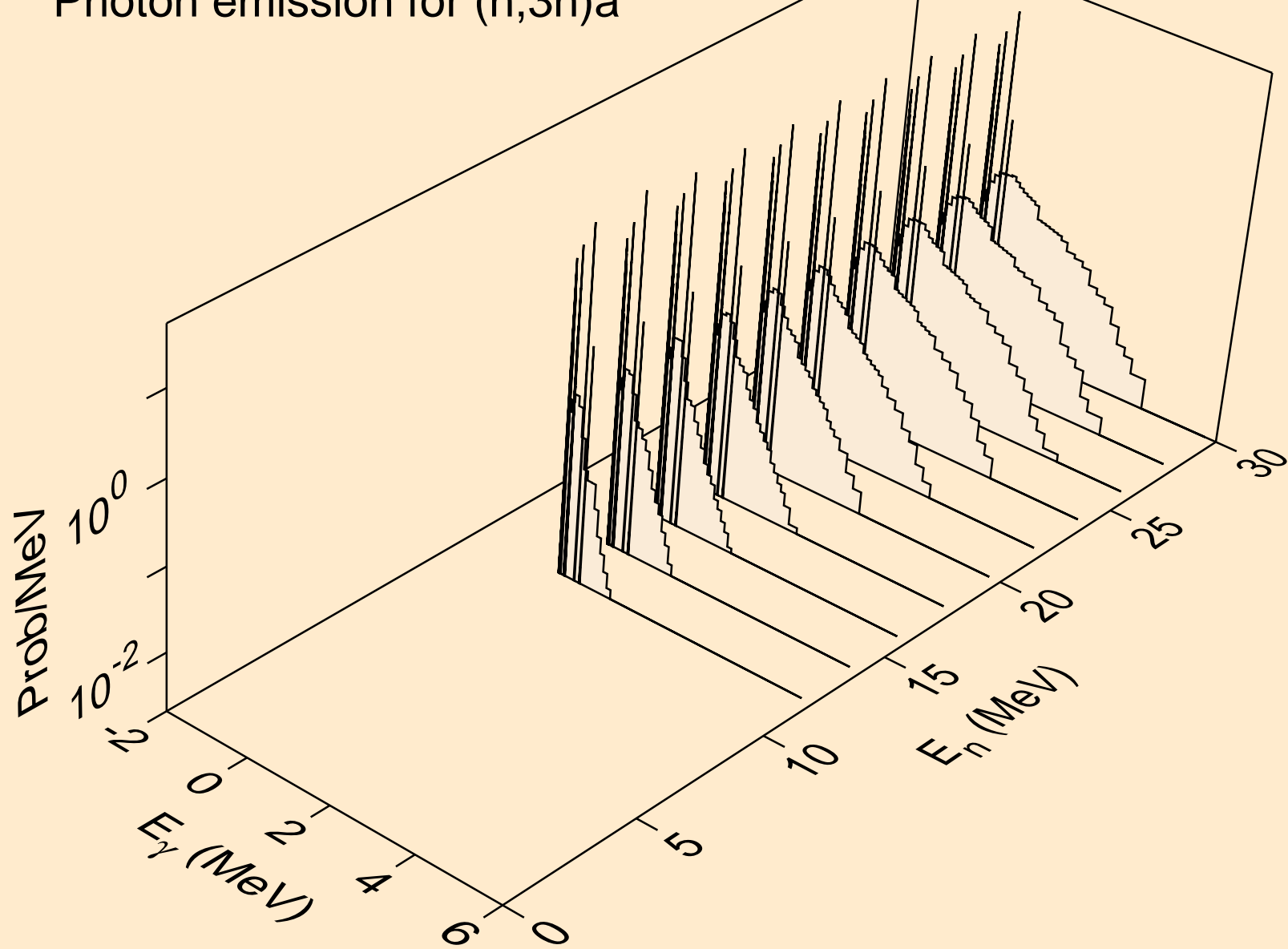
GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

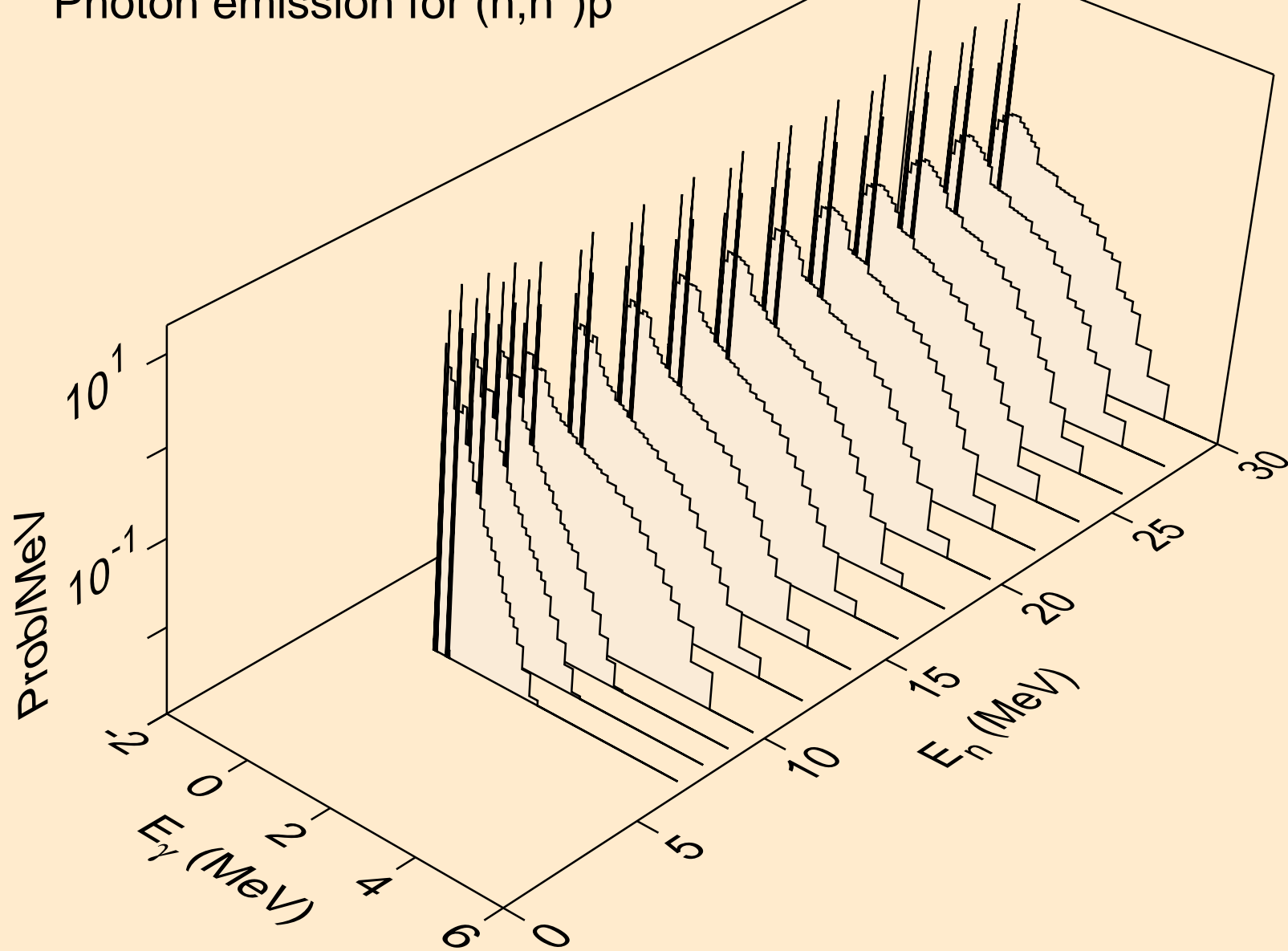


GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a

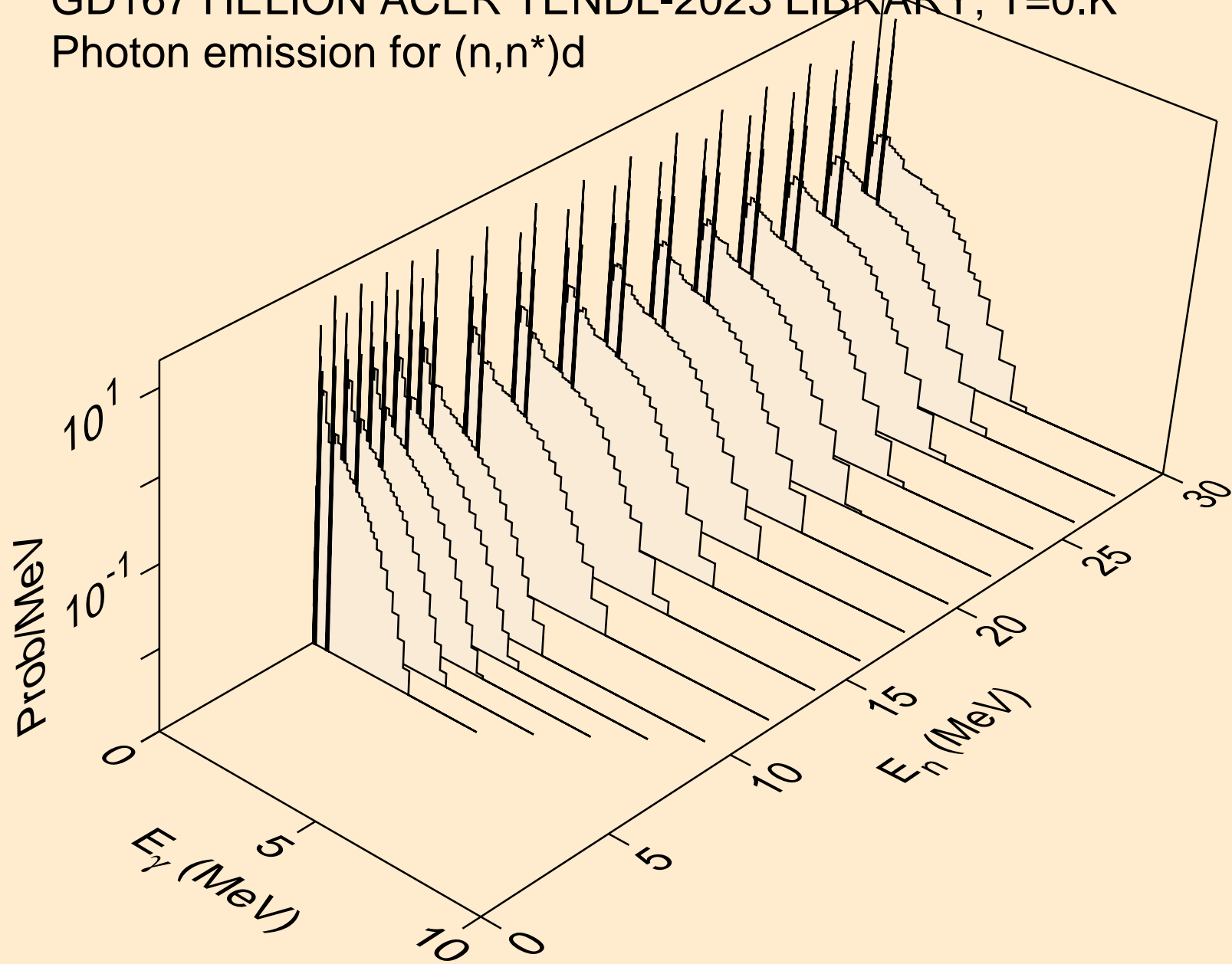




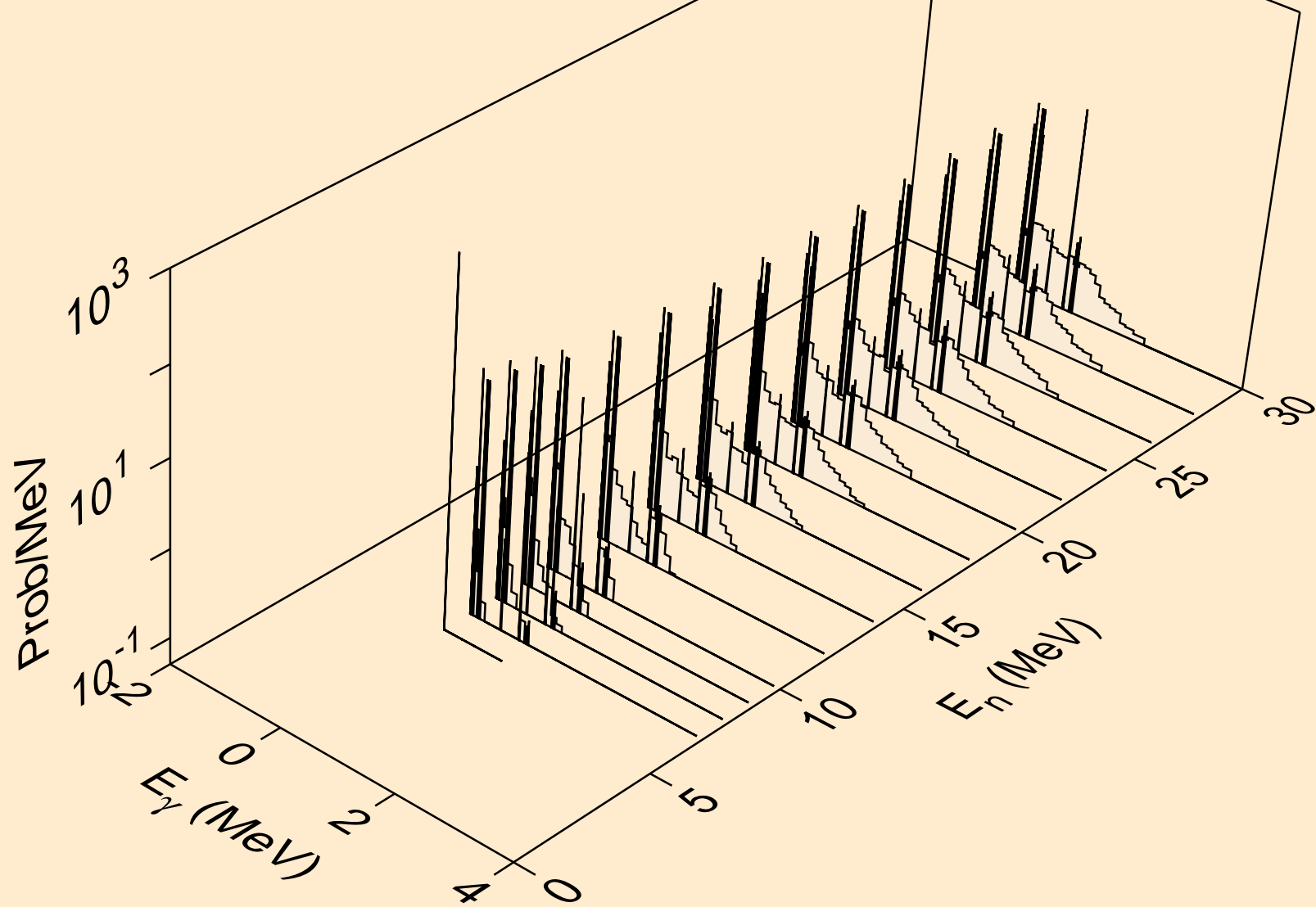
GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



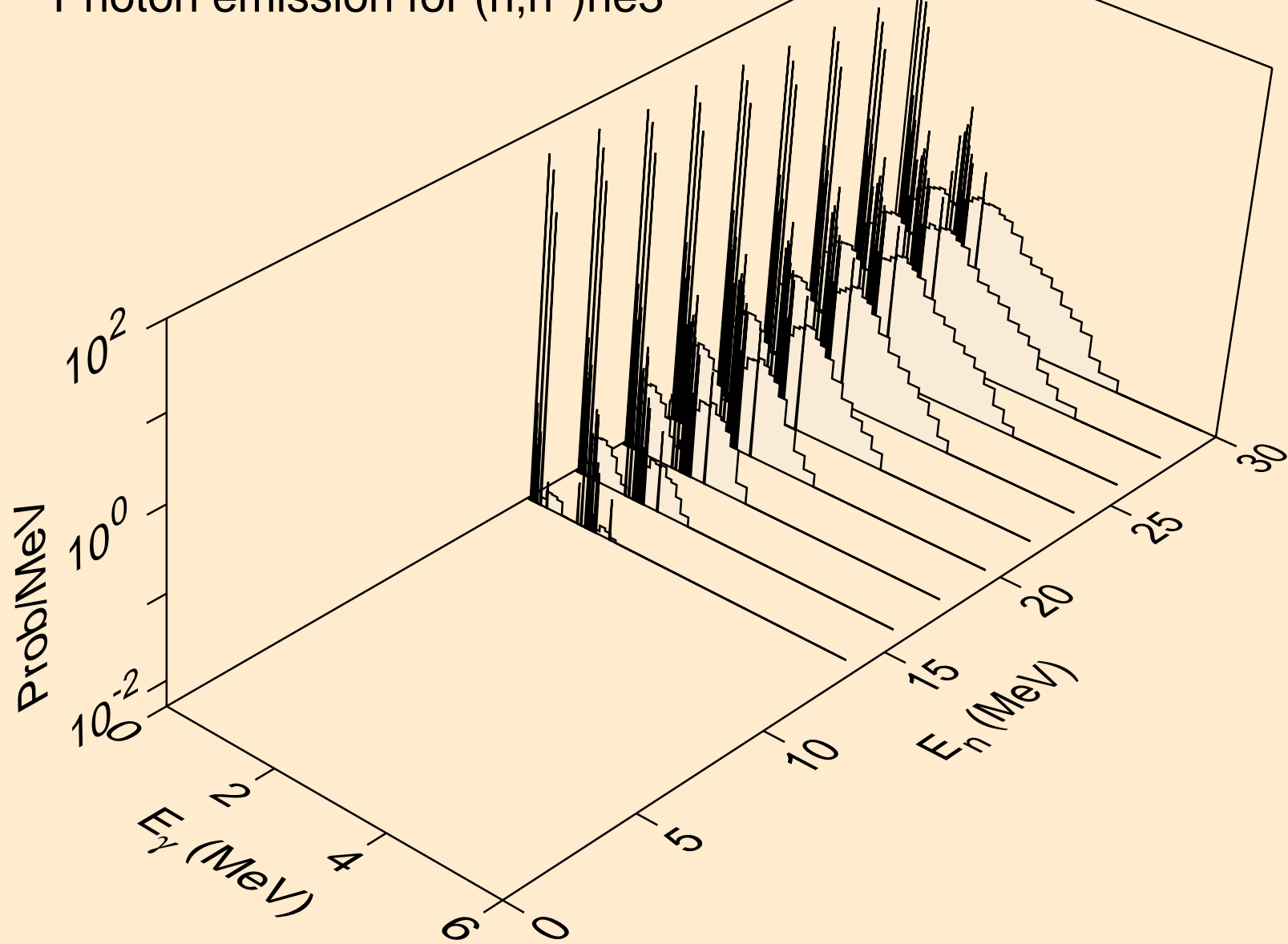
GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



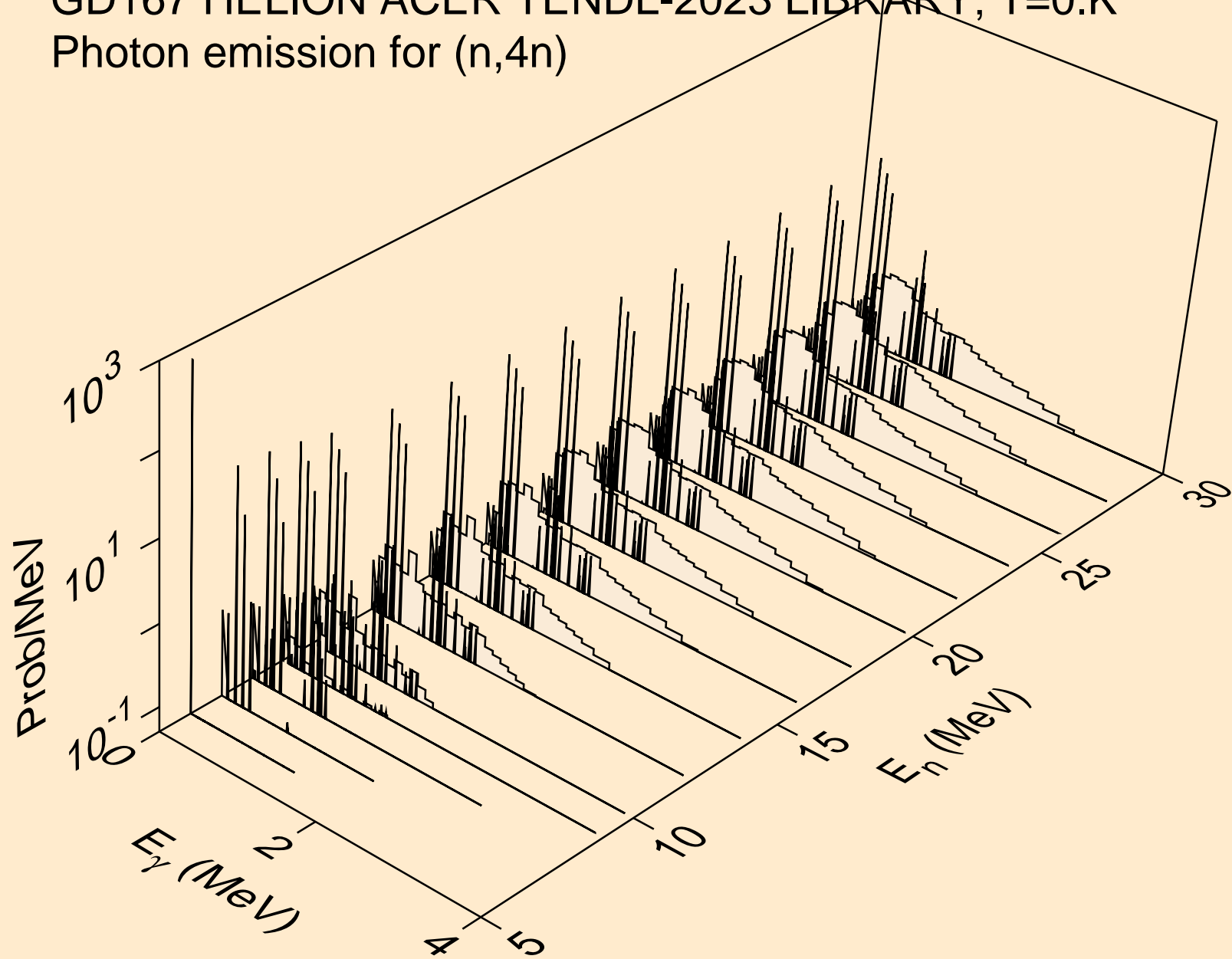
GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



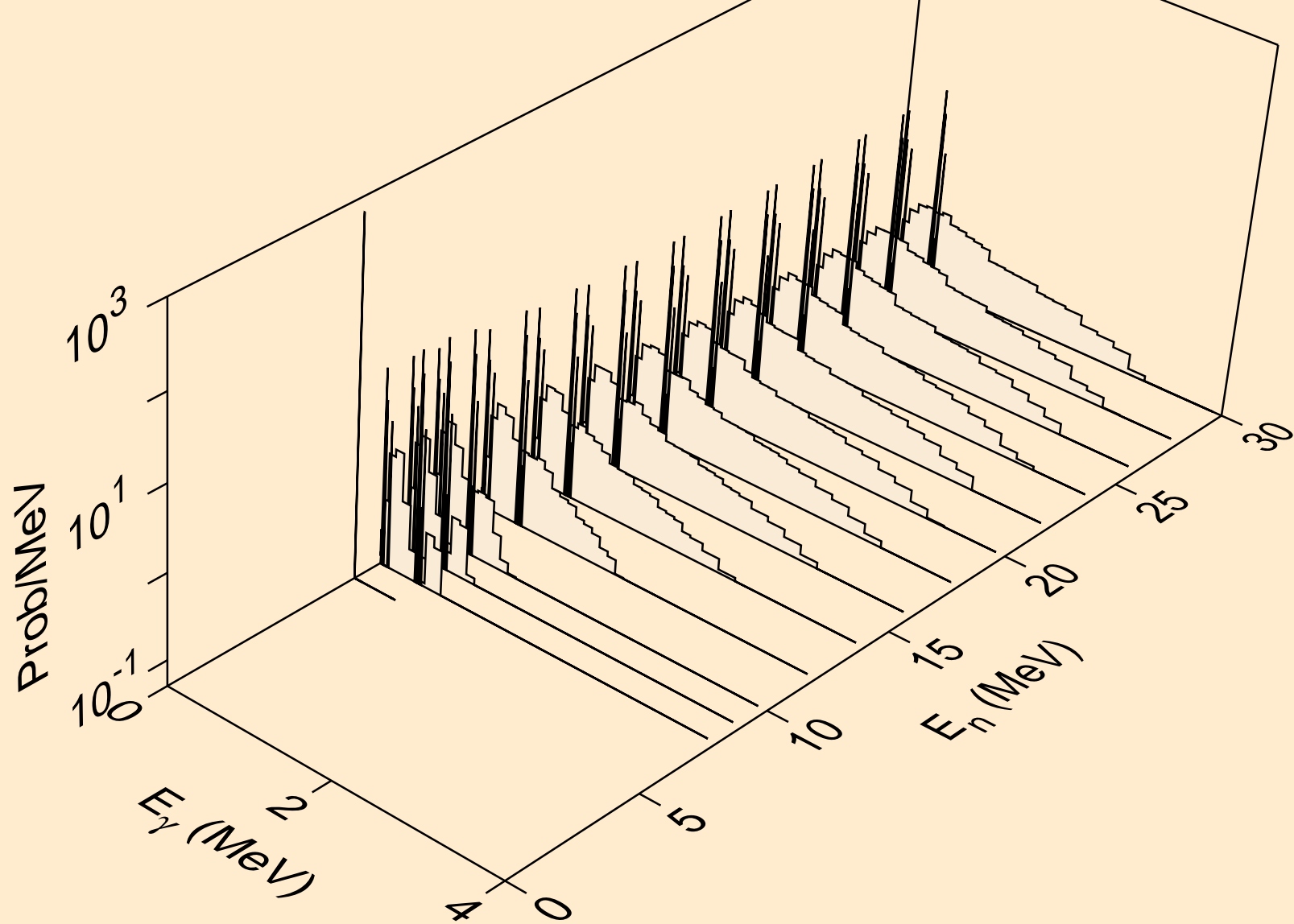
GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



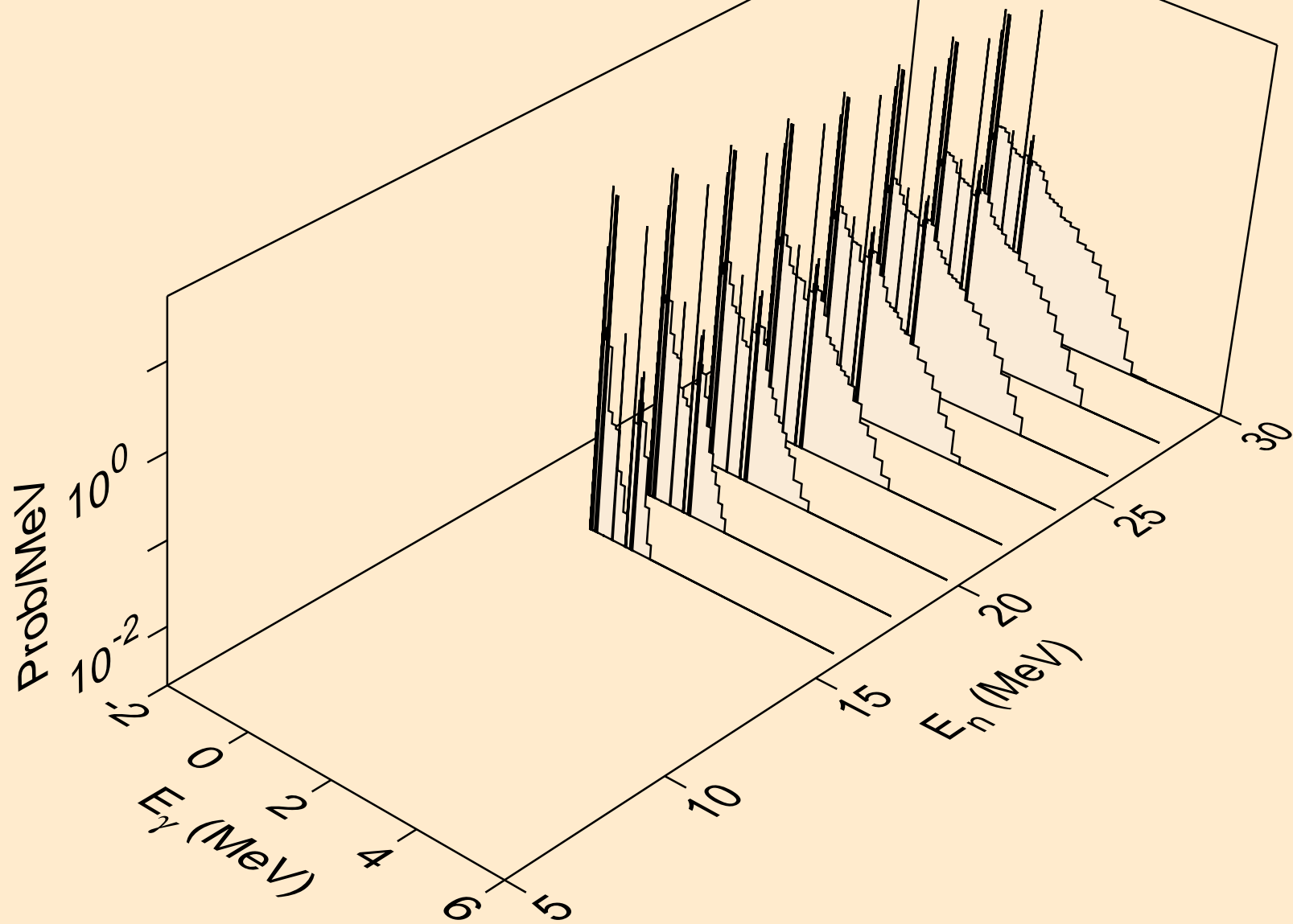
GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



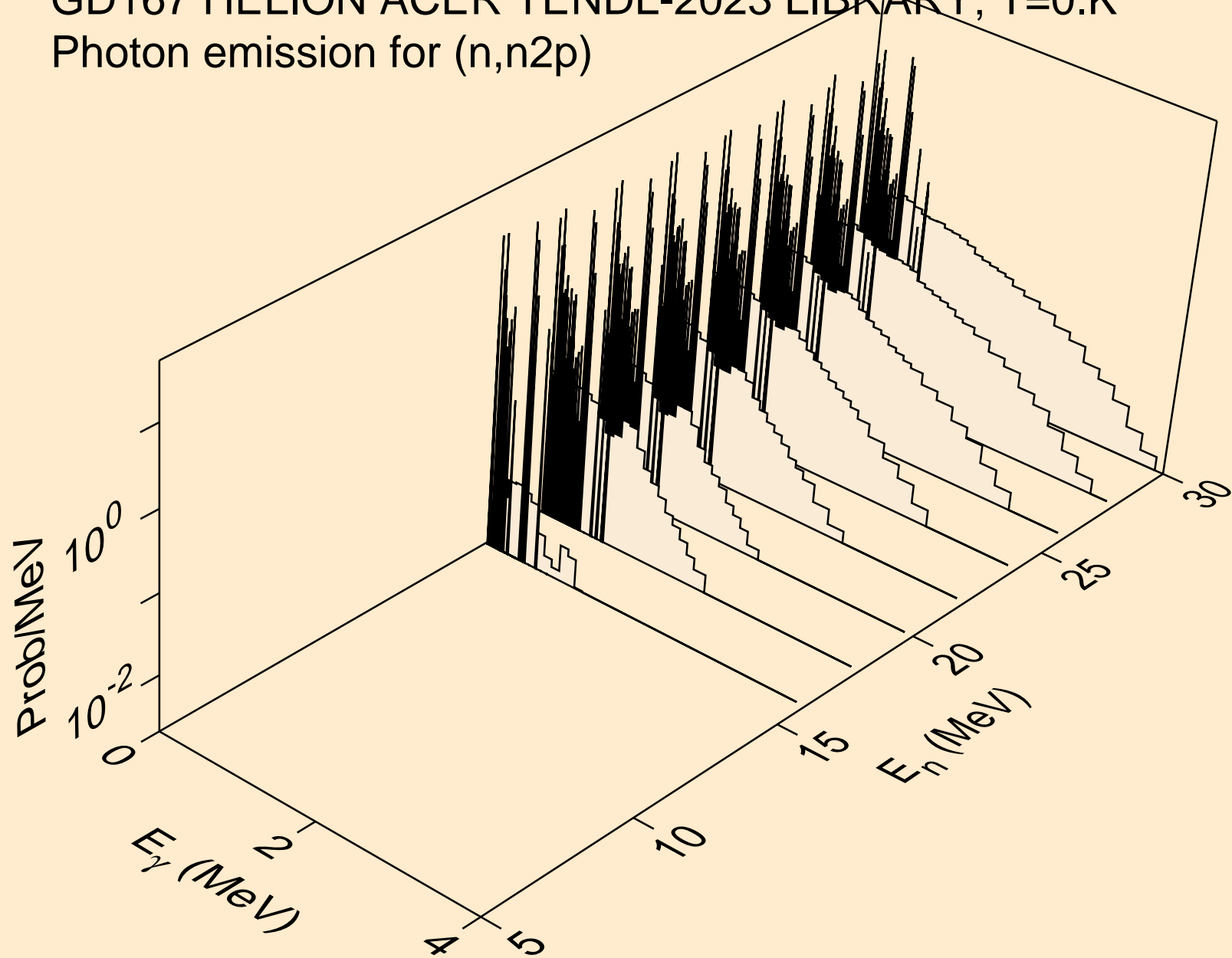
GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)

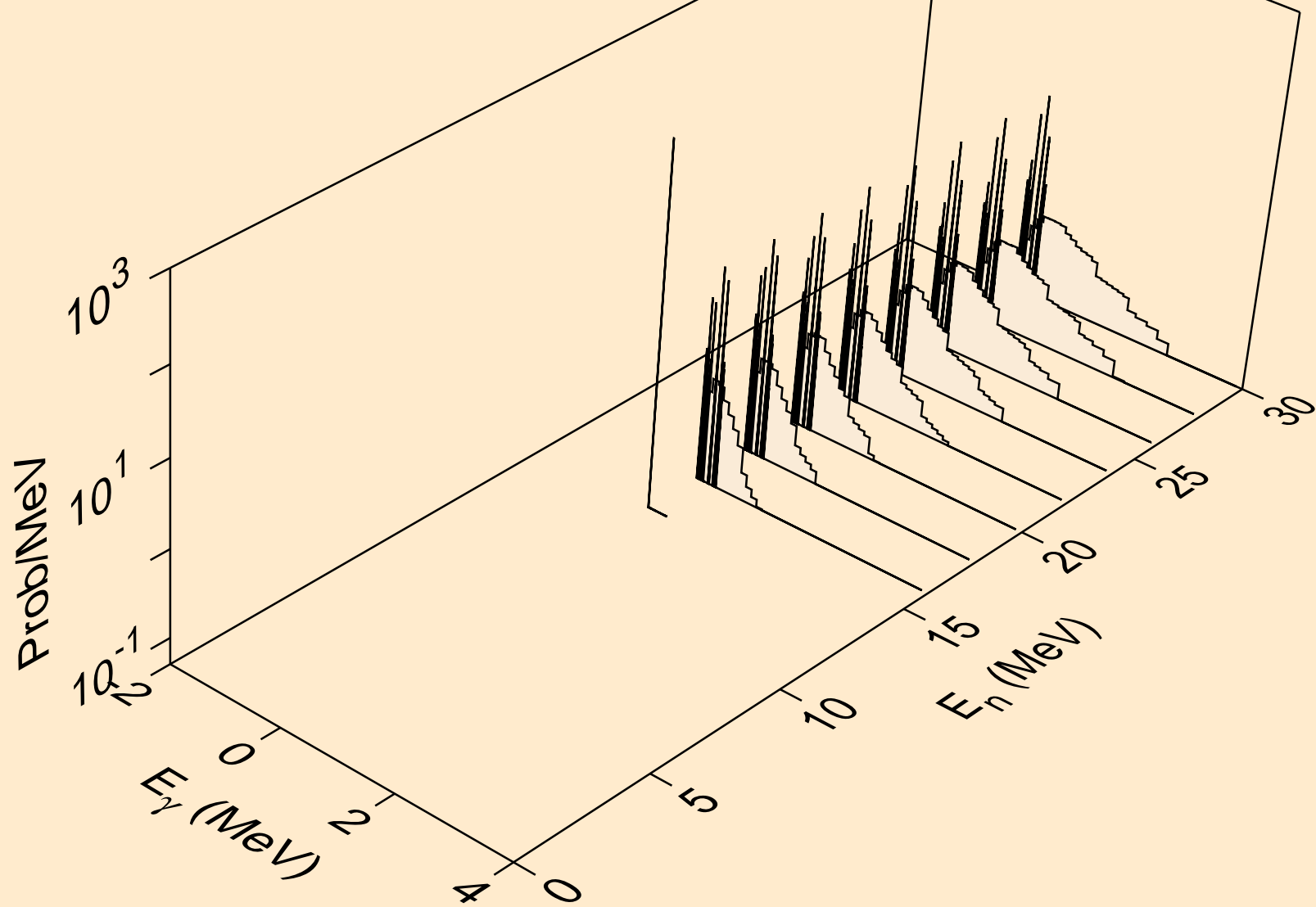


GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)

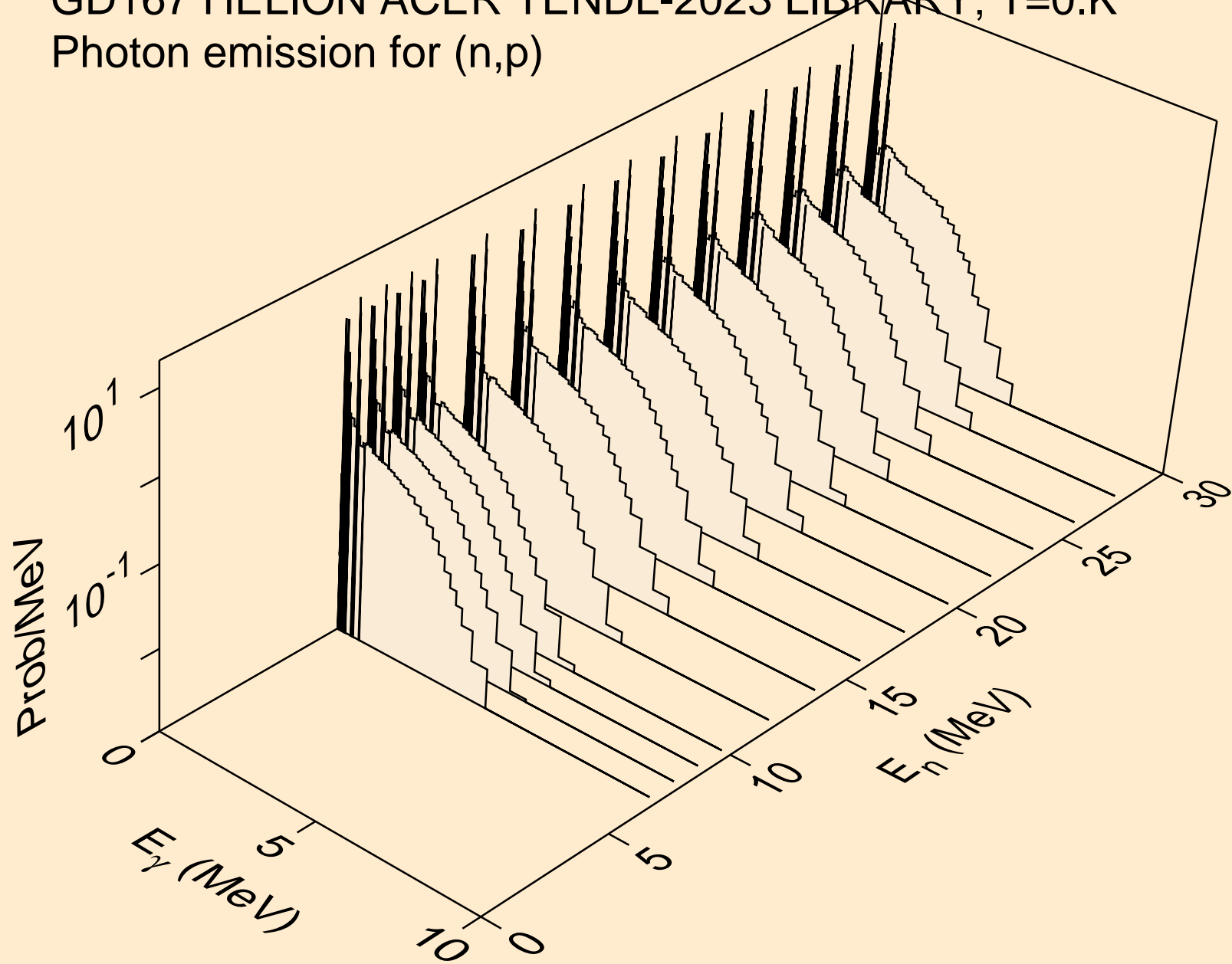




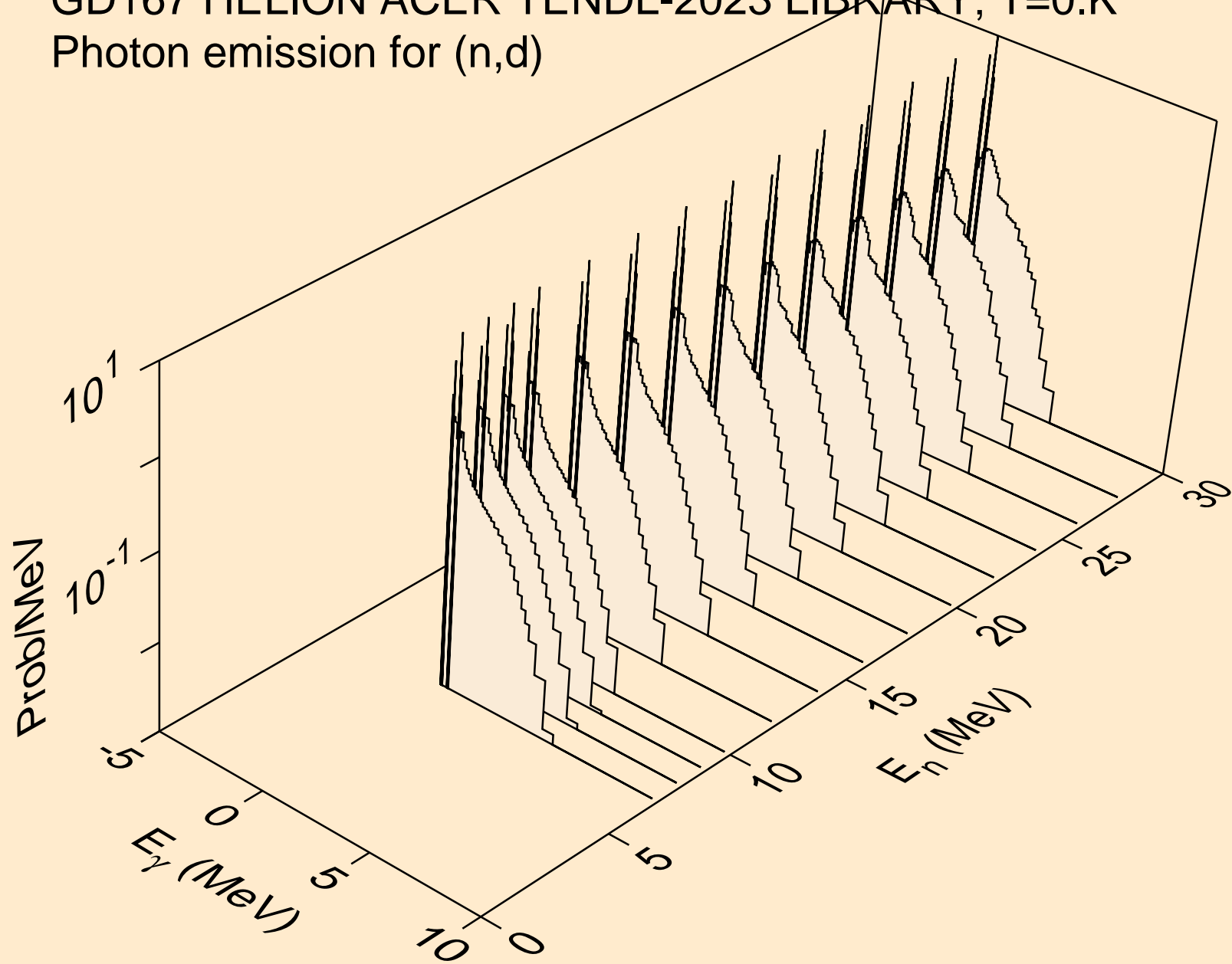
GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



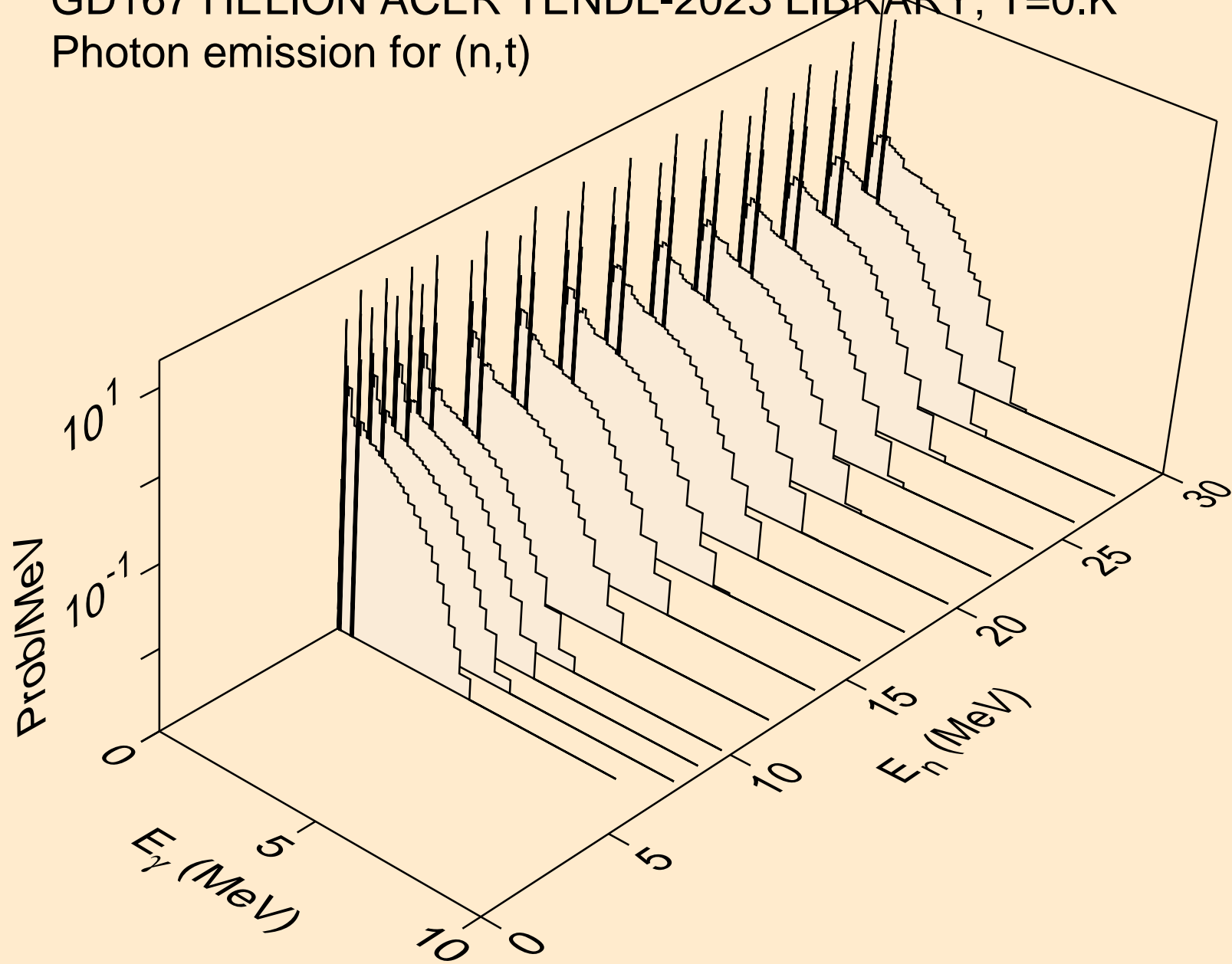
GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



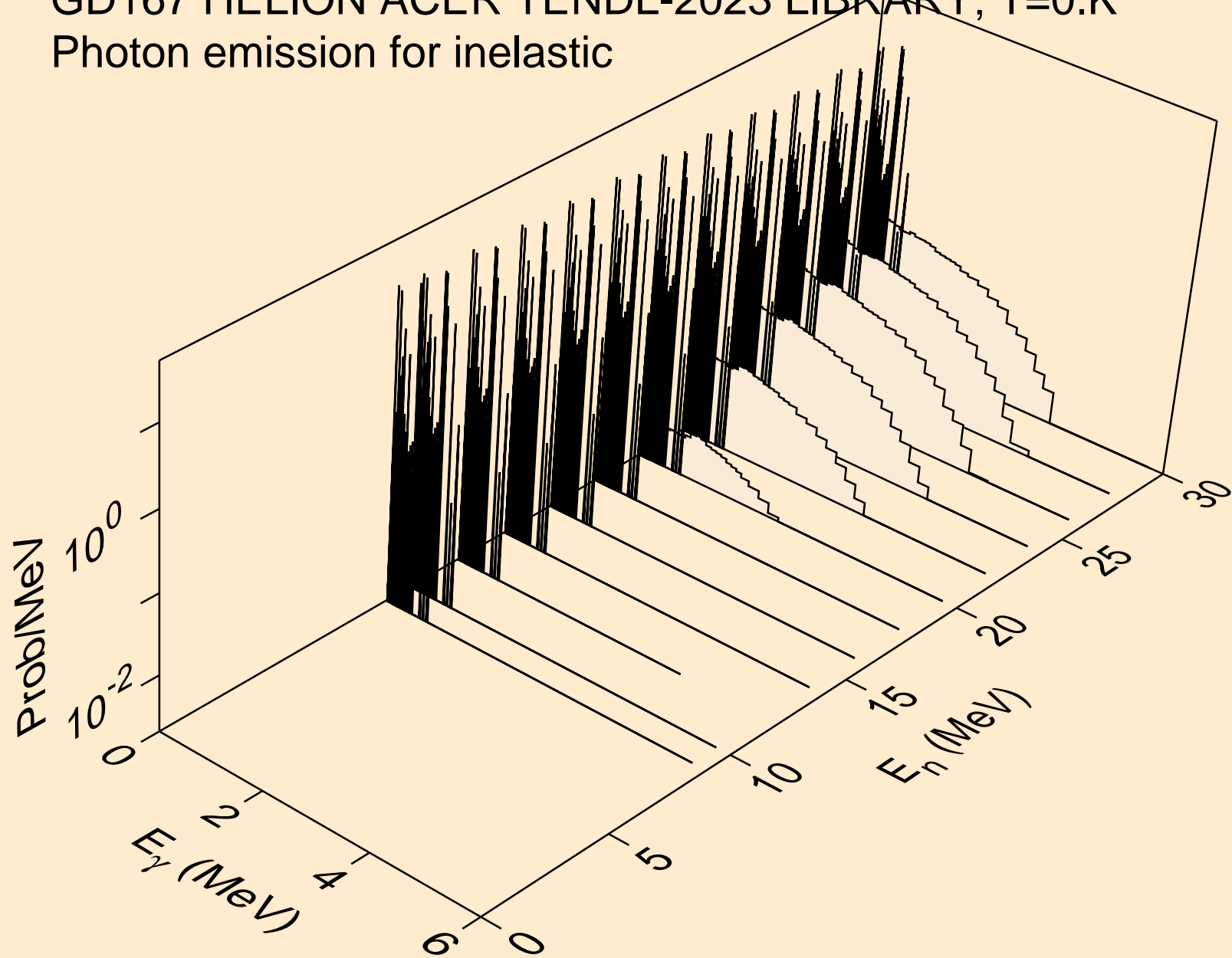
GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



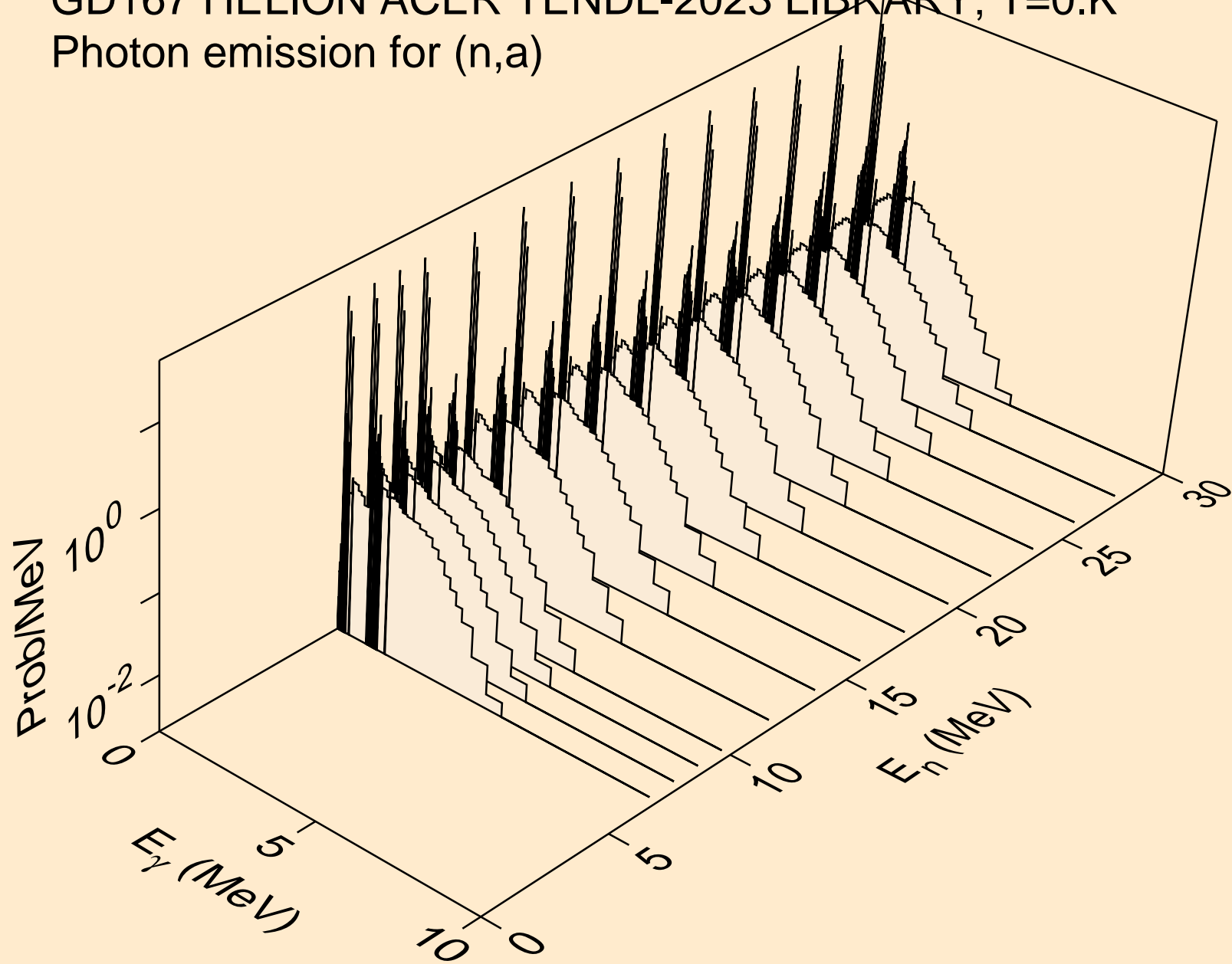
GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



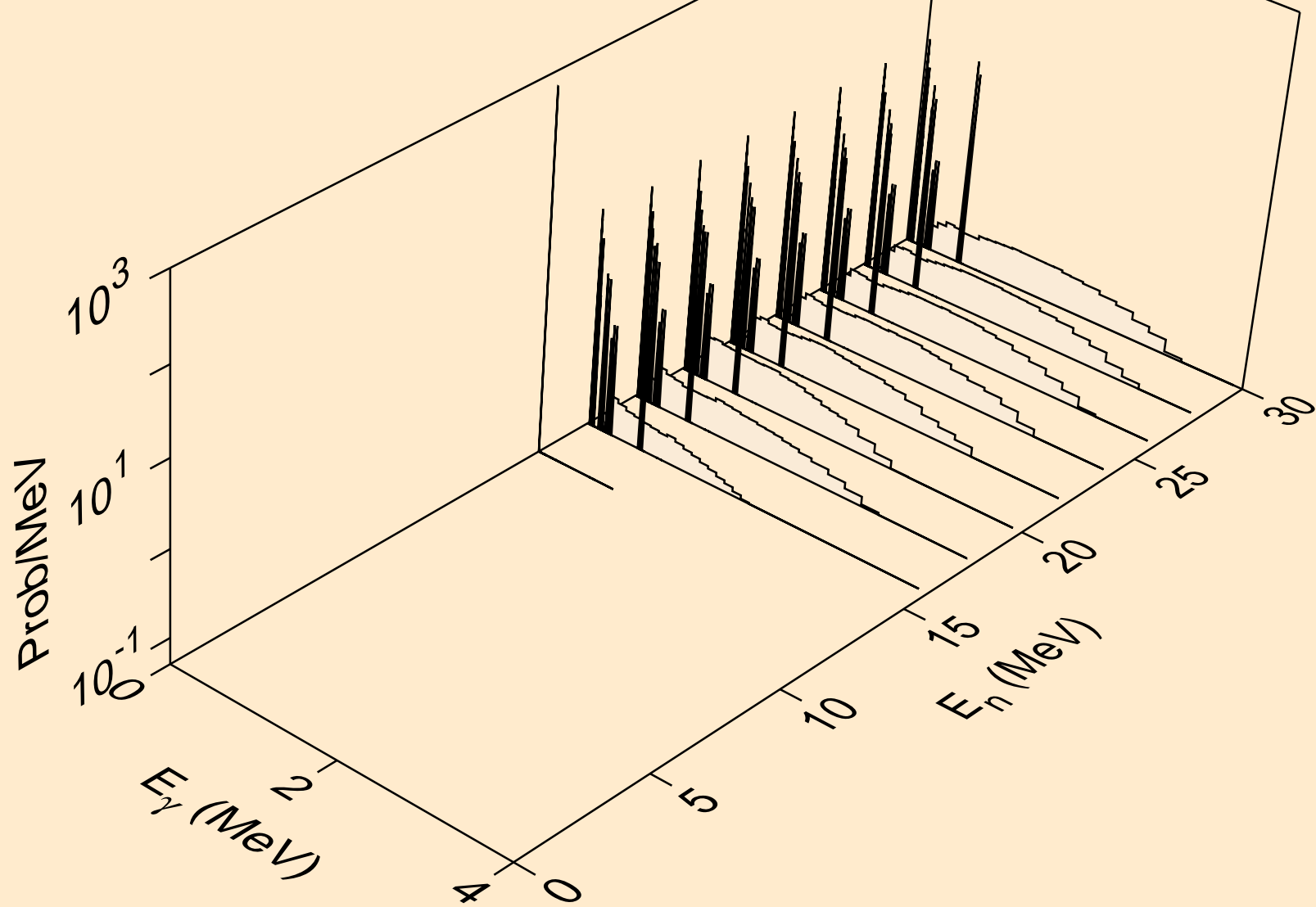
GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



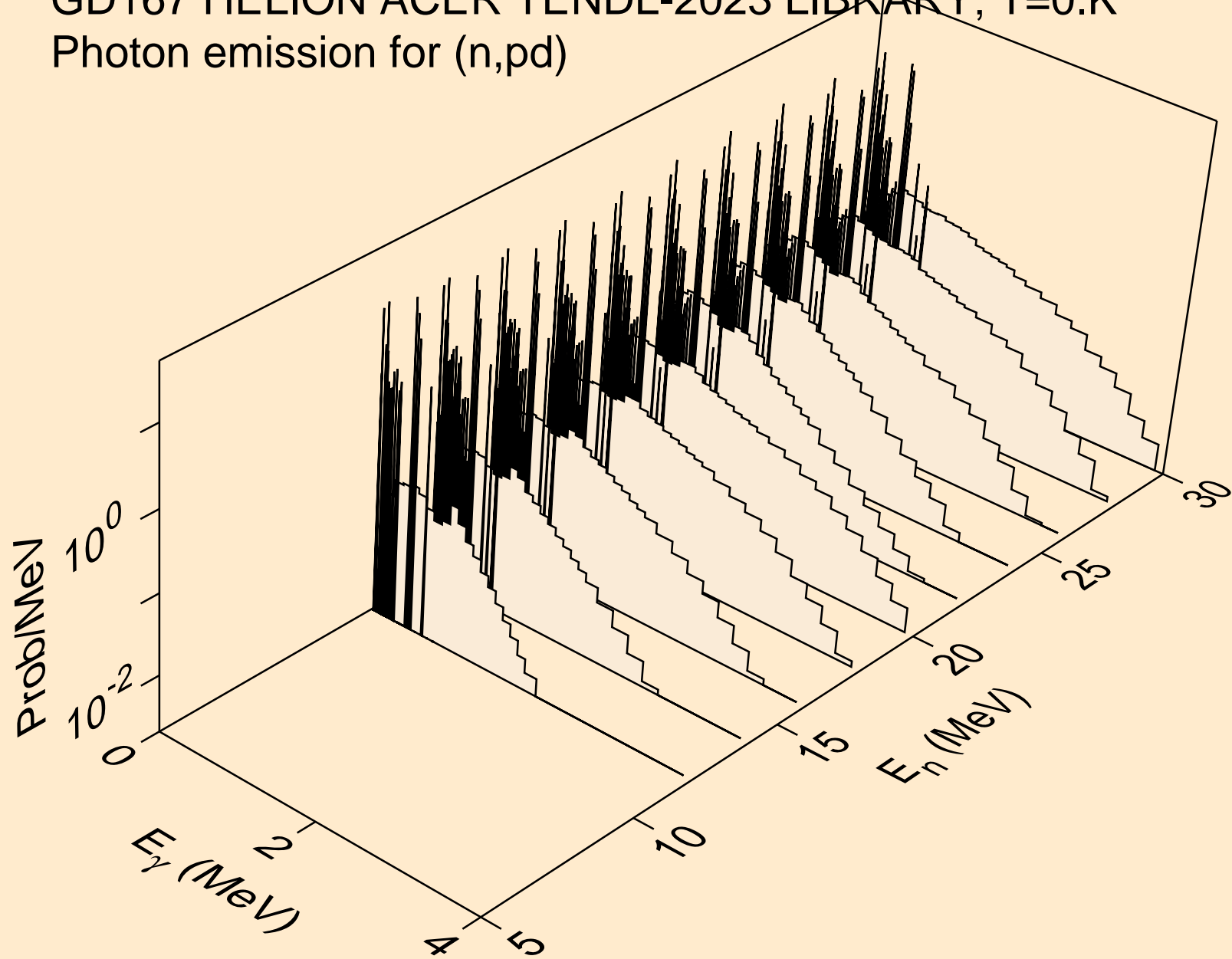
GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)

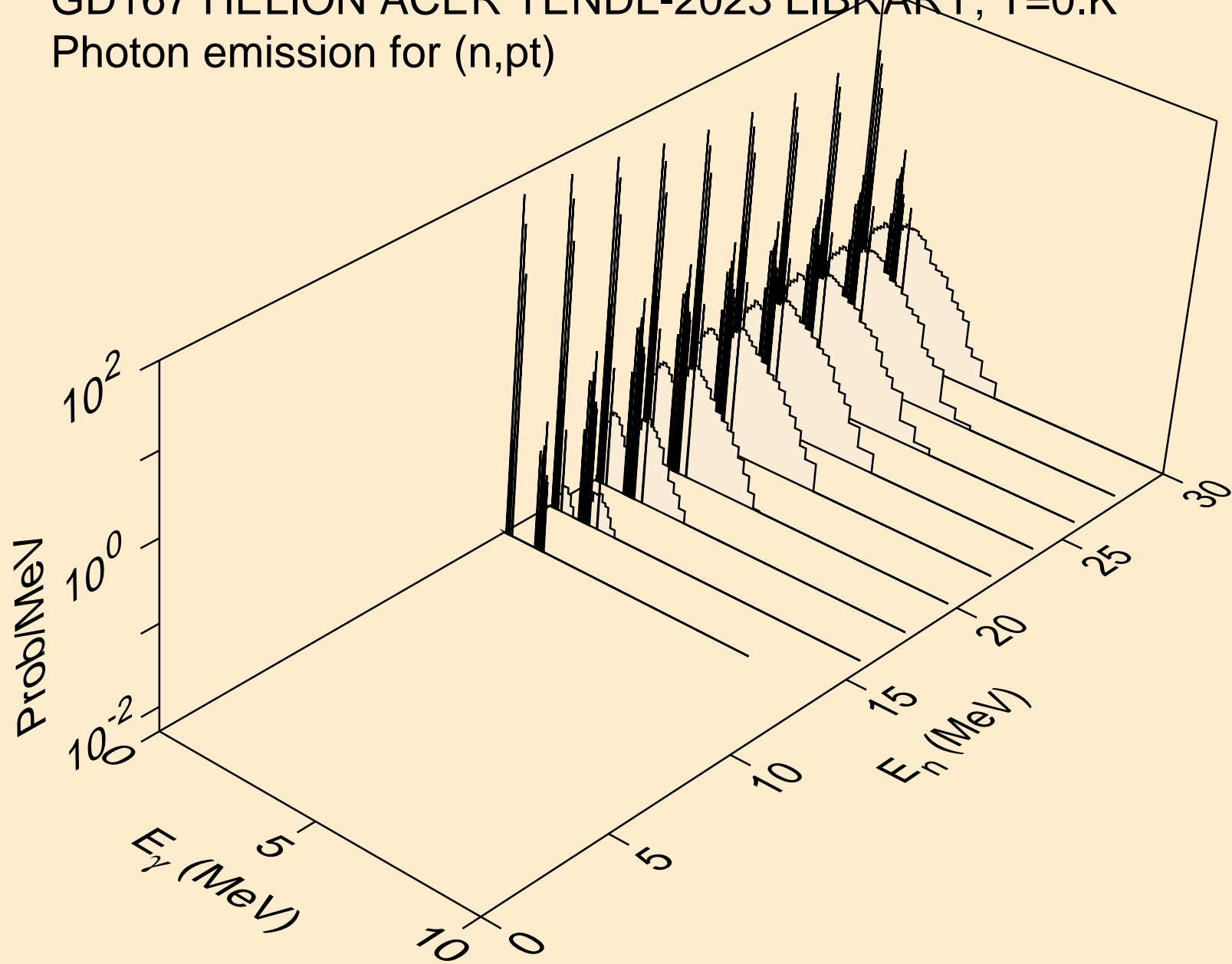


GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



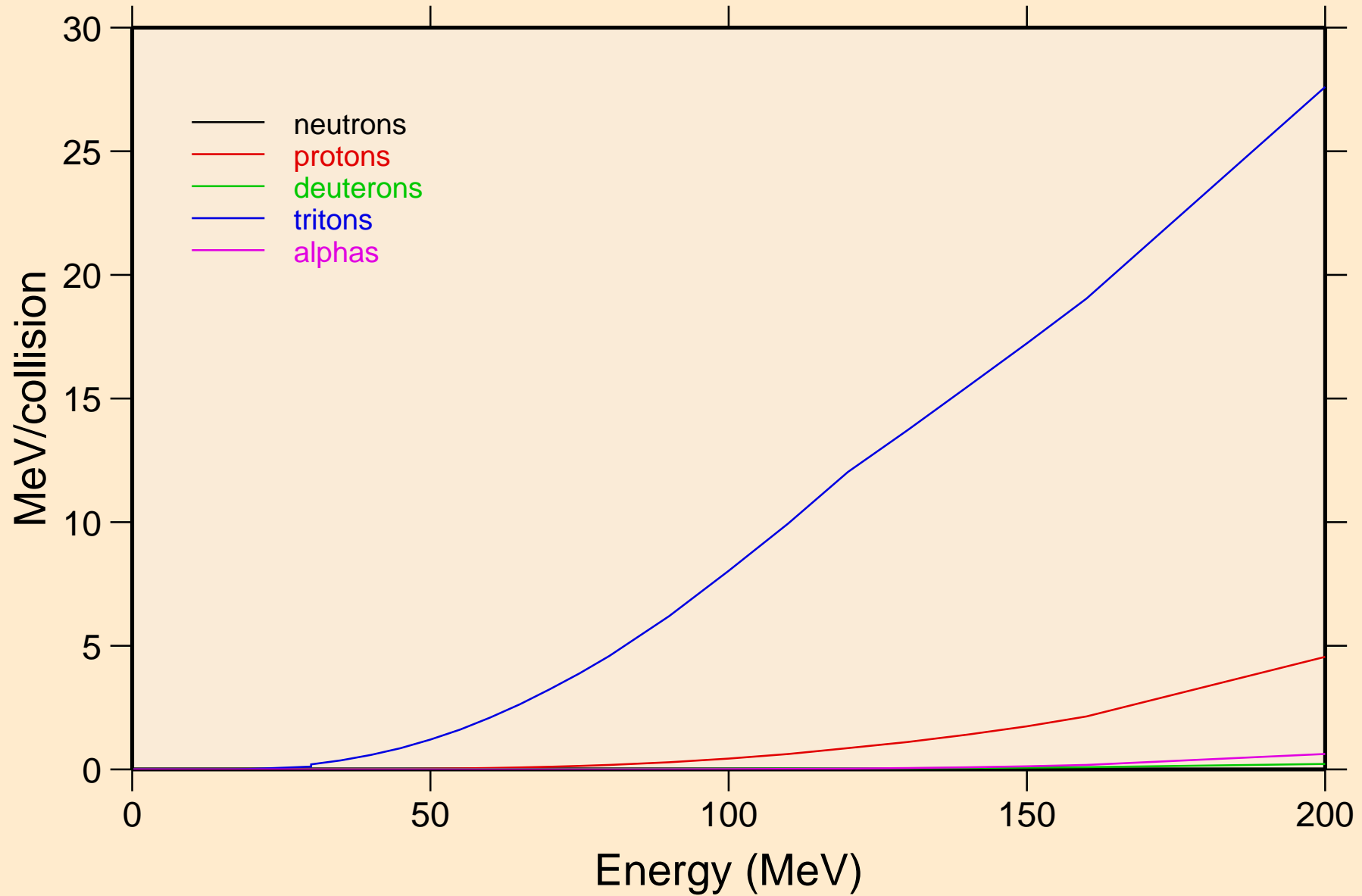


GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)

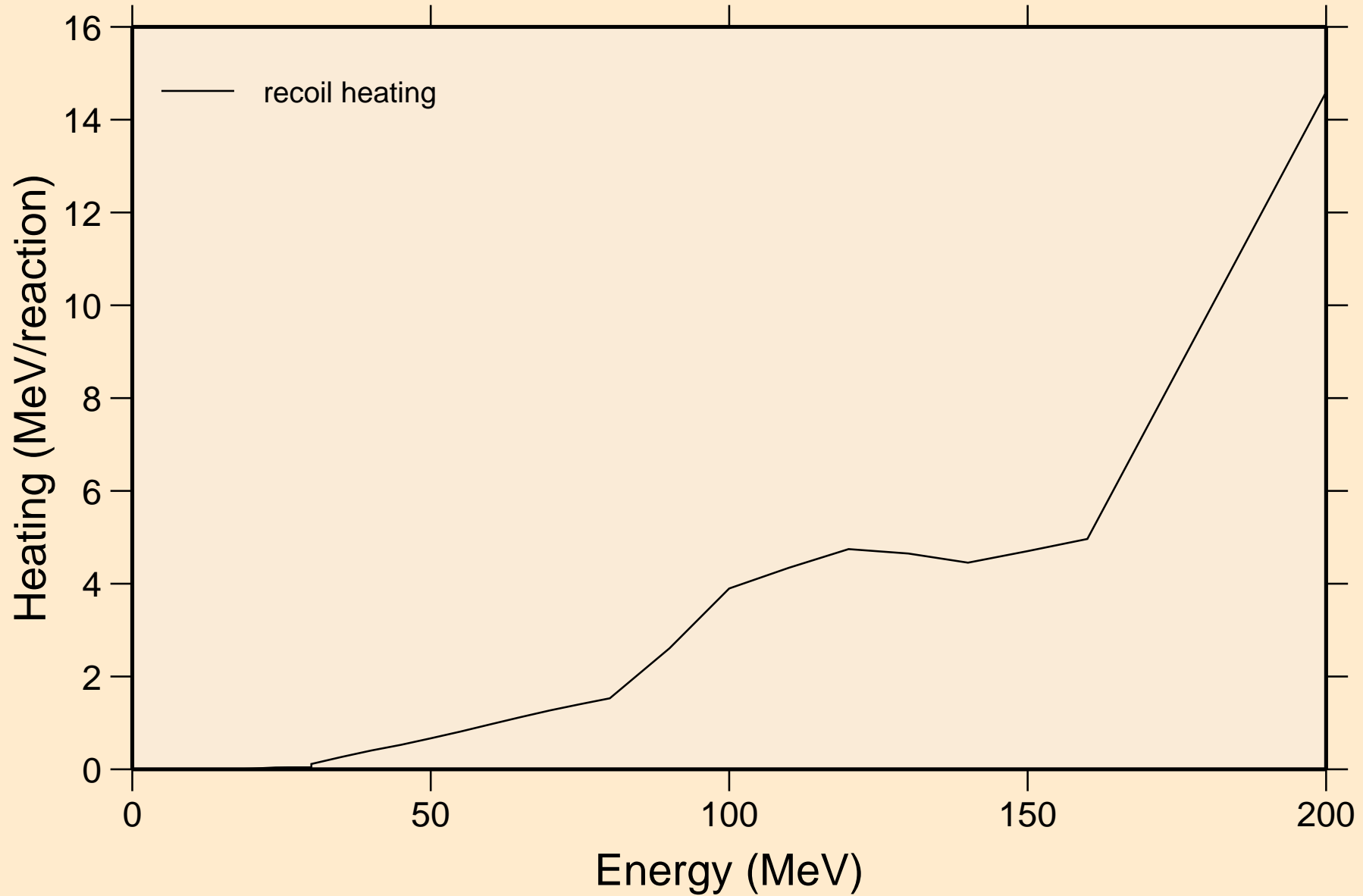


# GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K

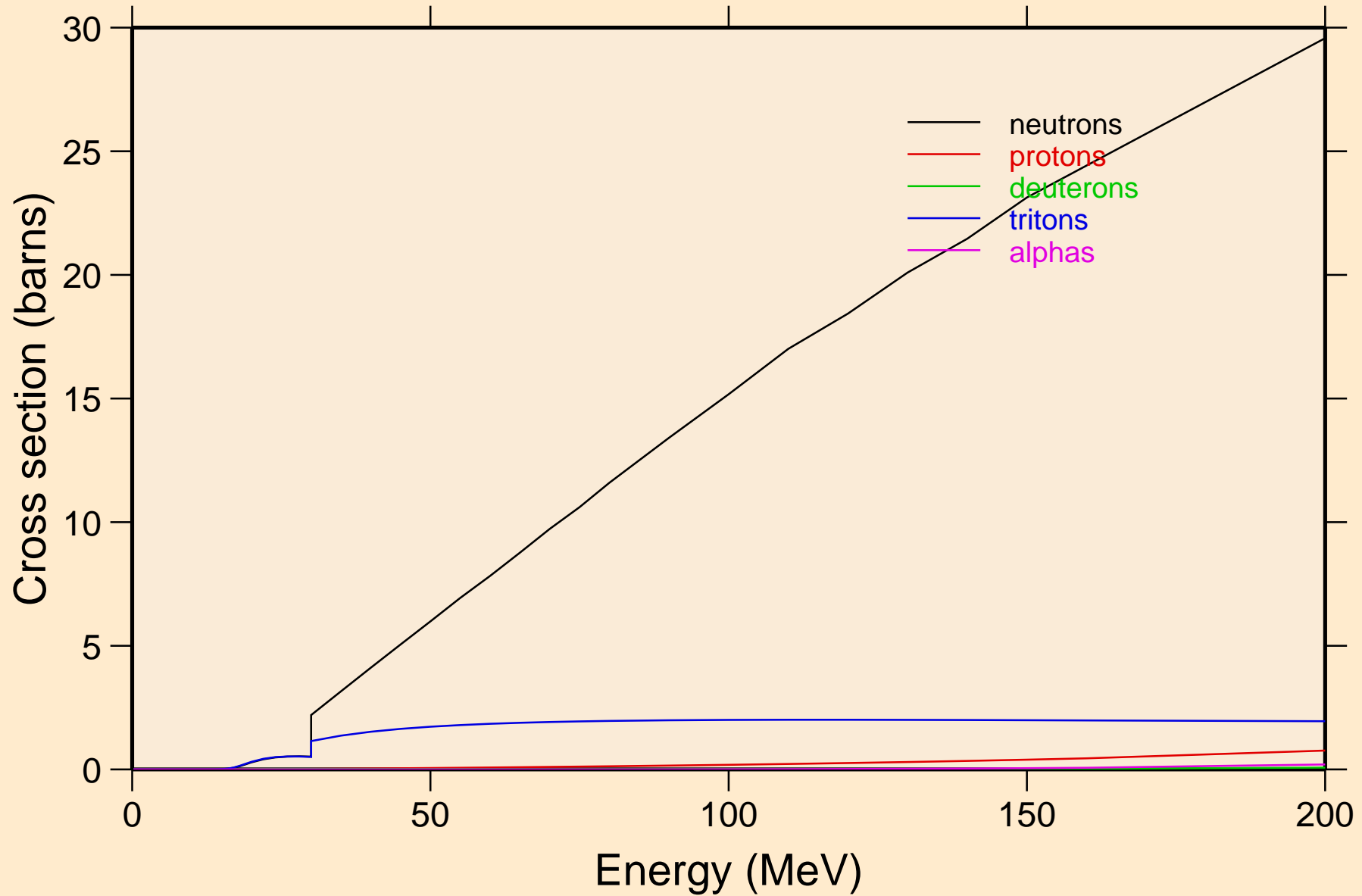
## Particle heating contributions



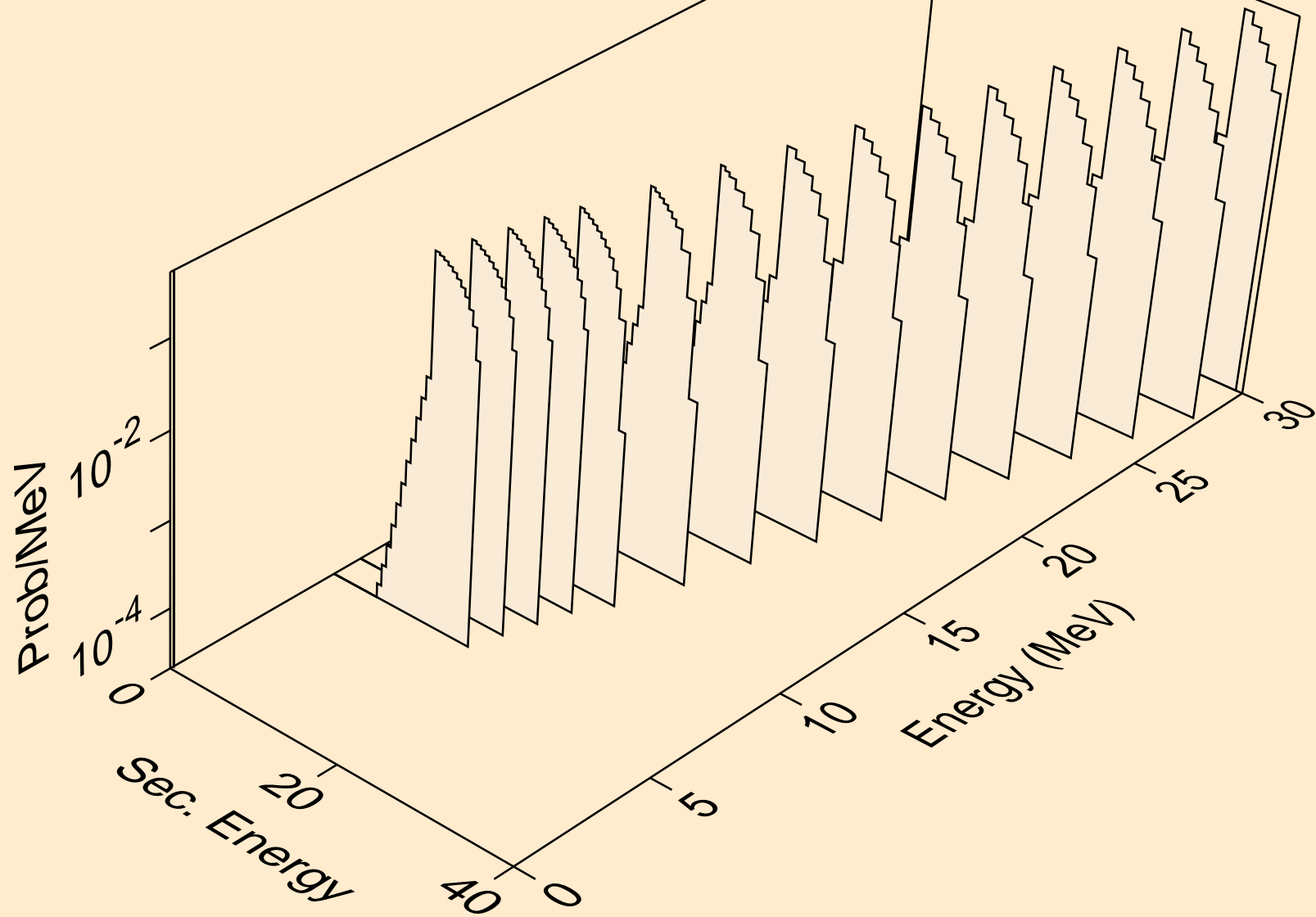
GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



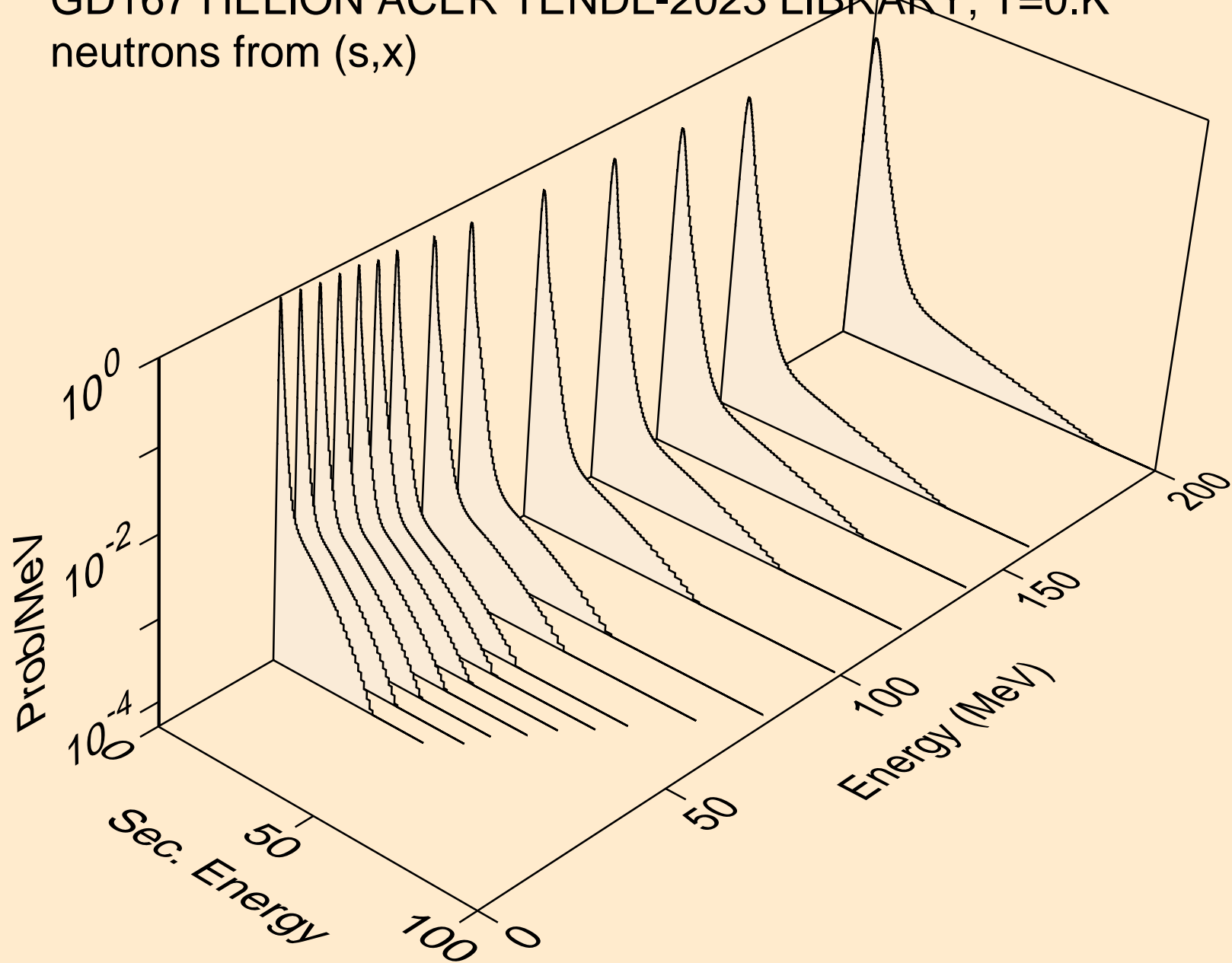
GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



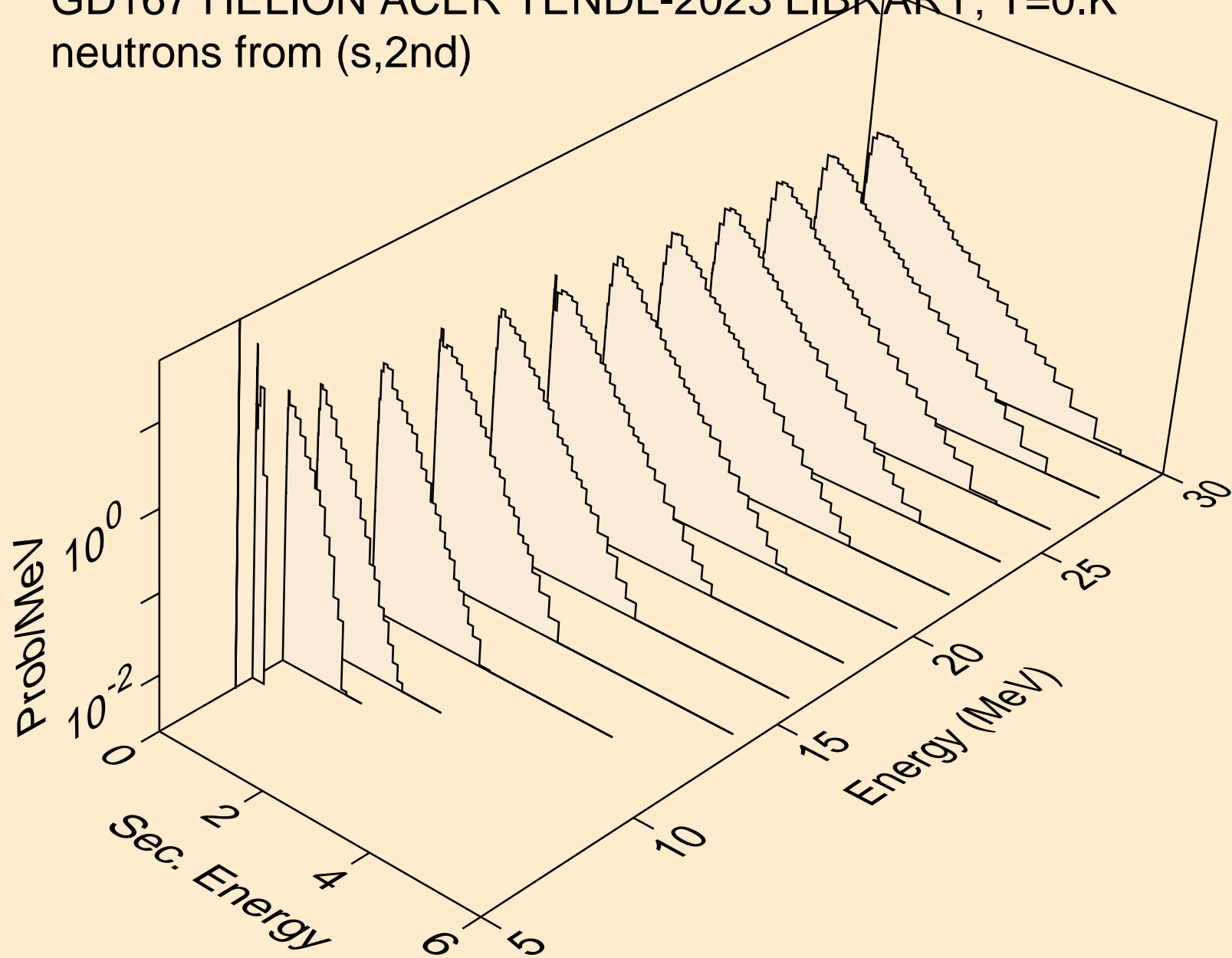
GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n)



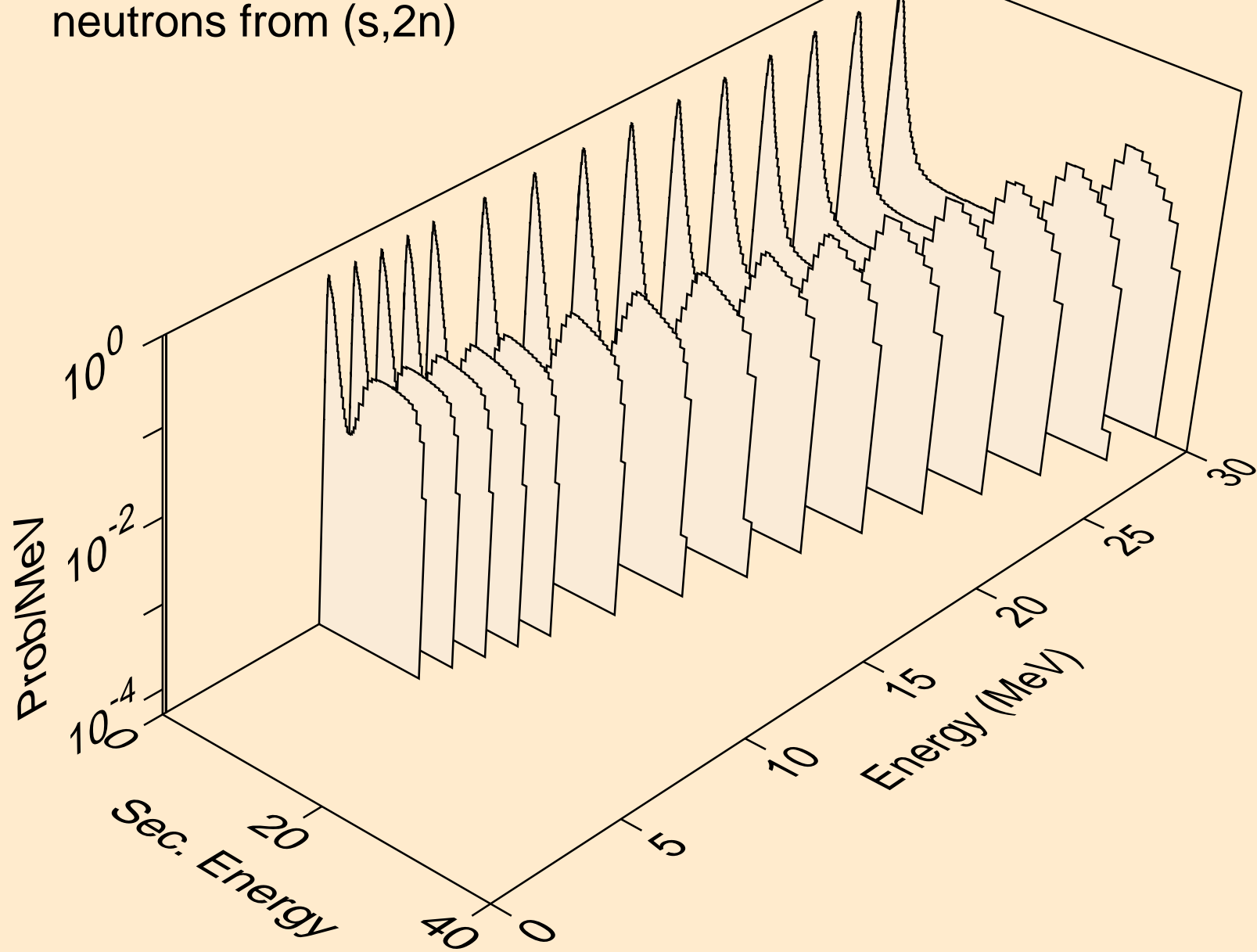
GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,x)



GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2nd)

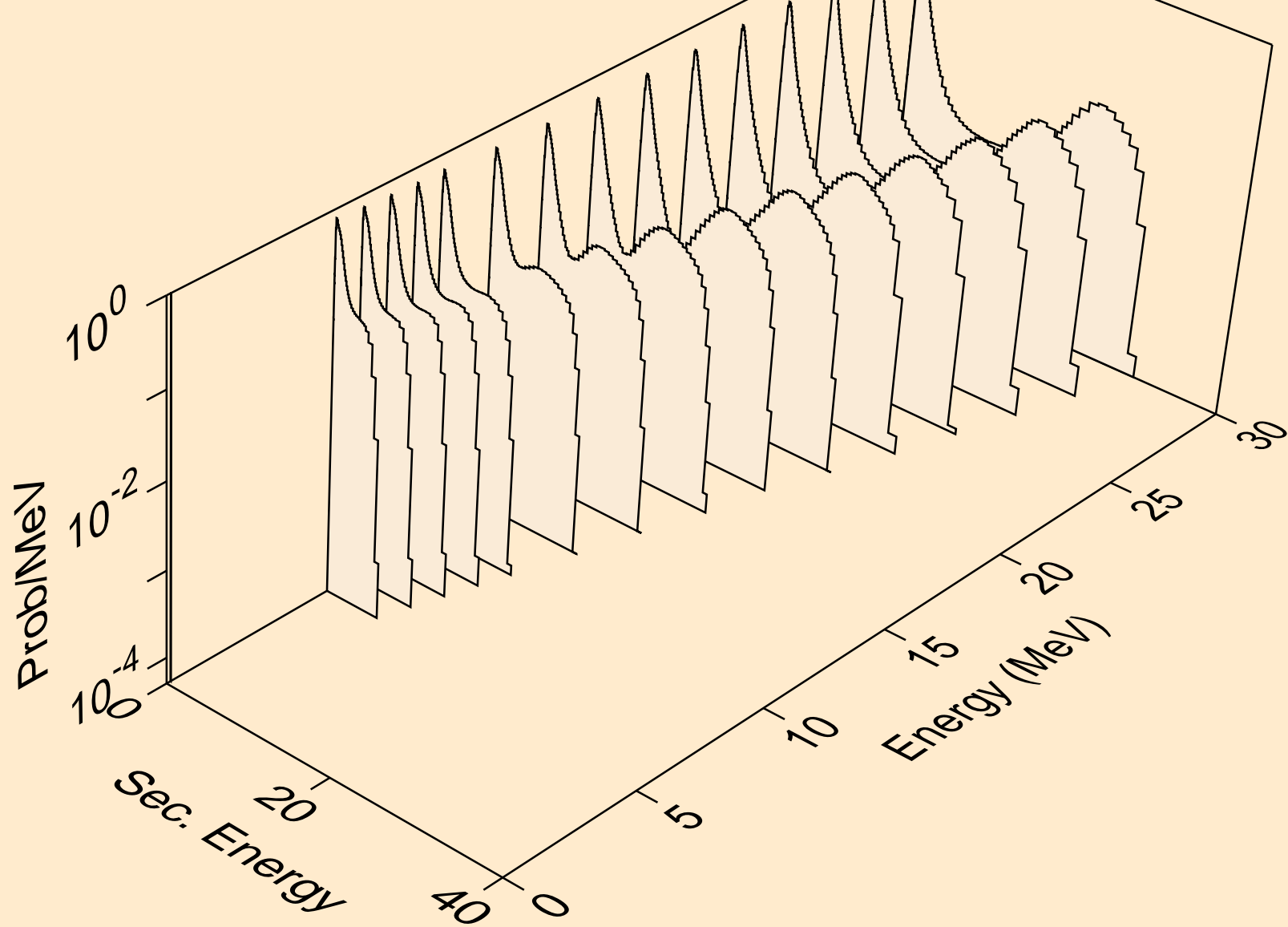


GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)

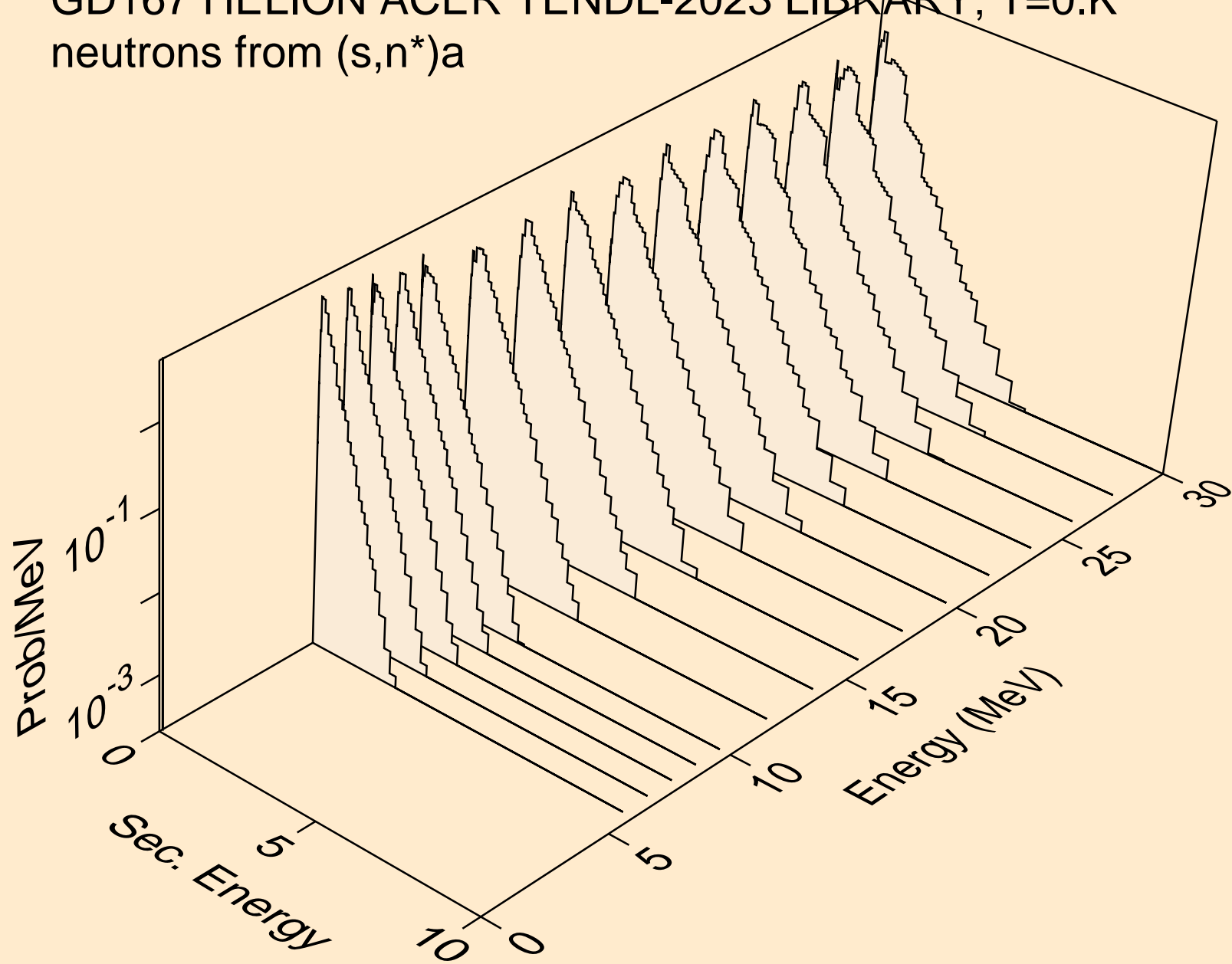




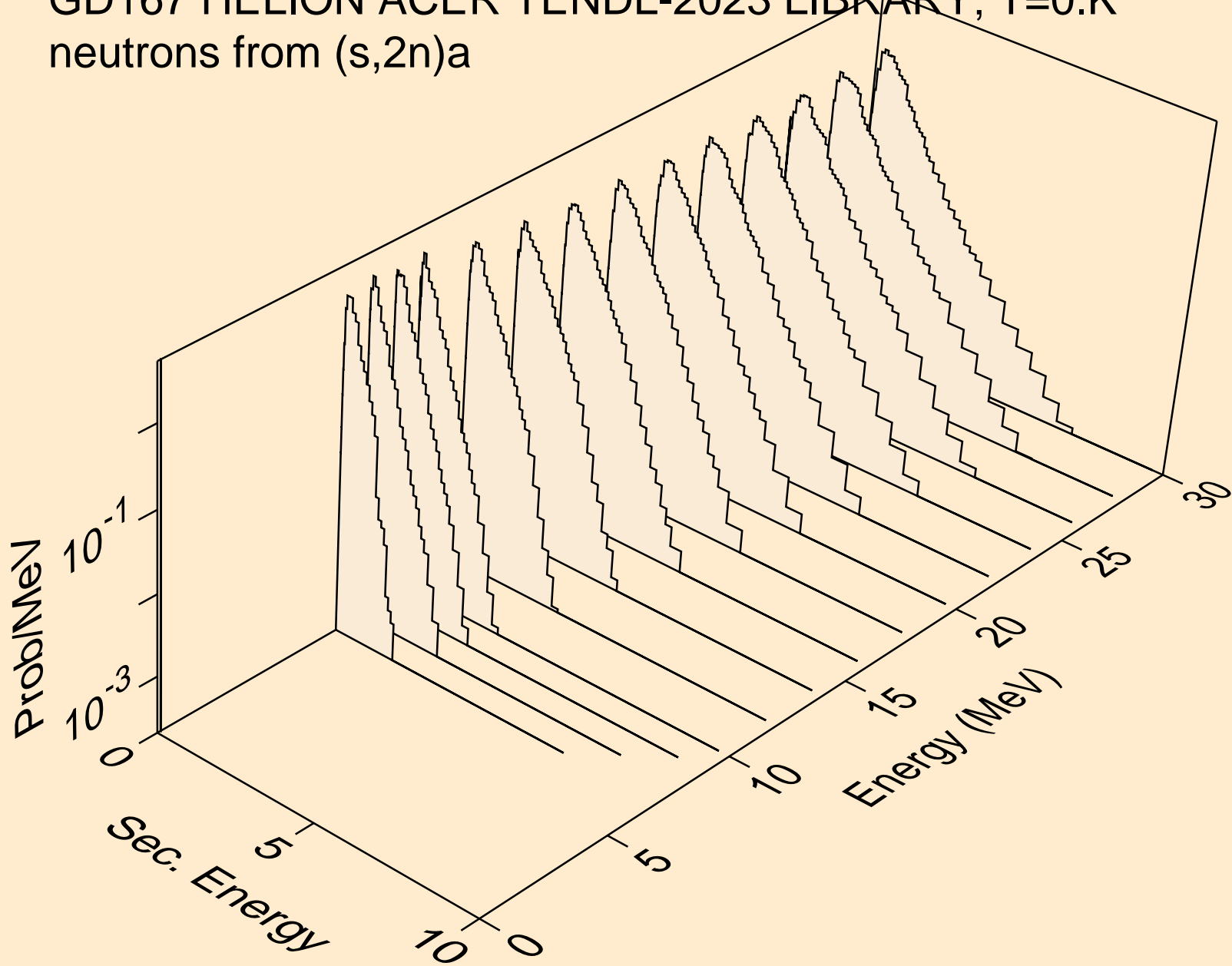
GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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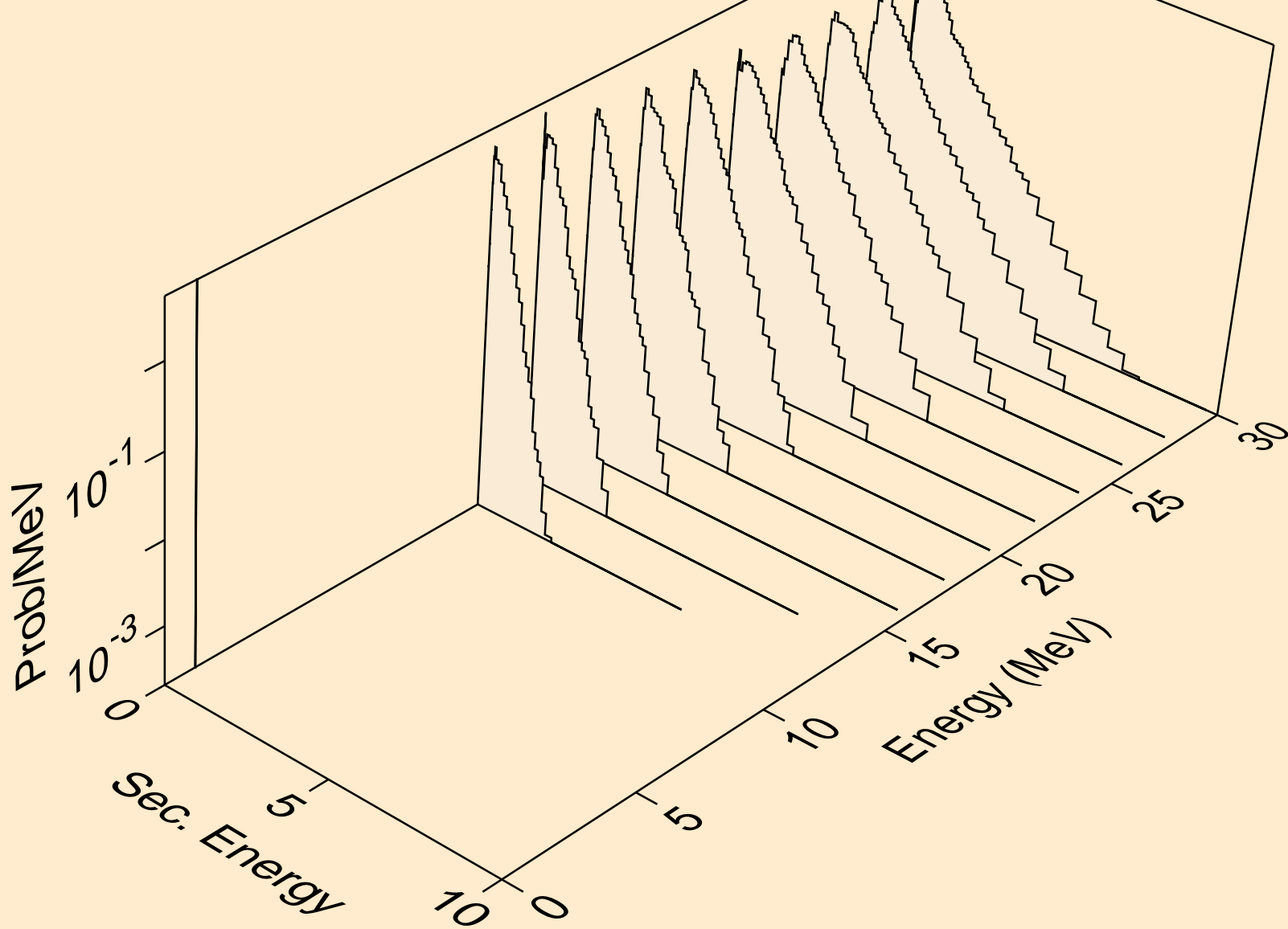
GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)a



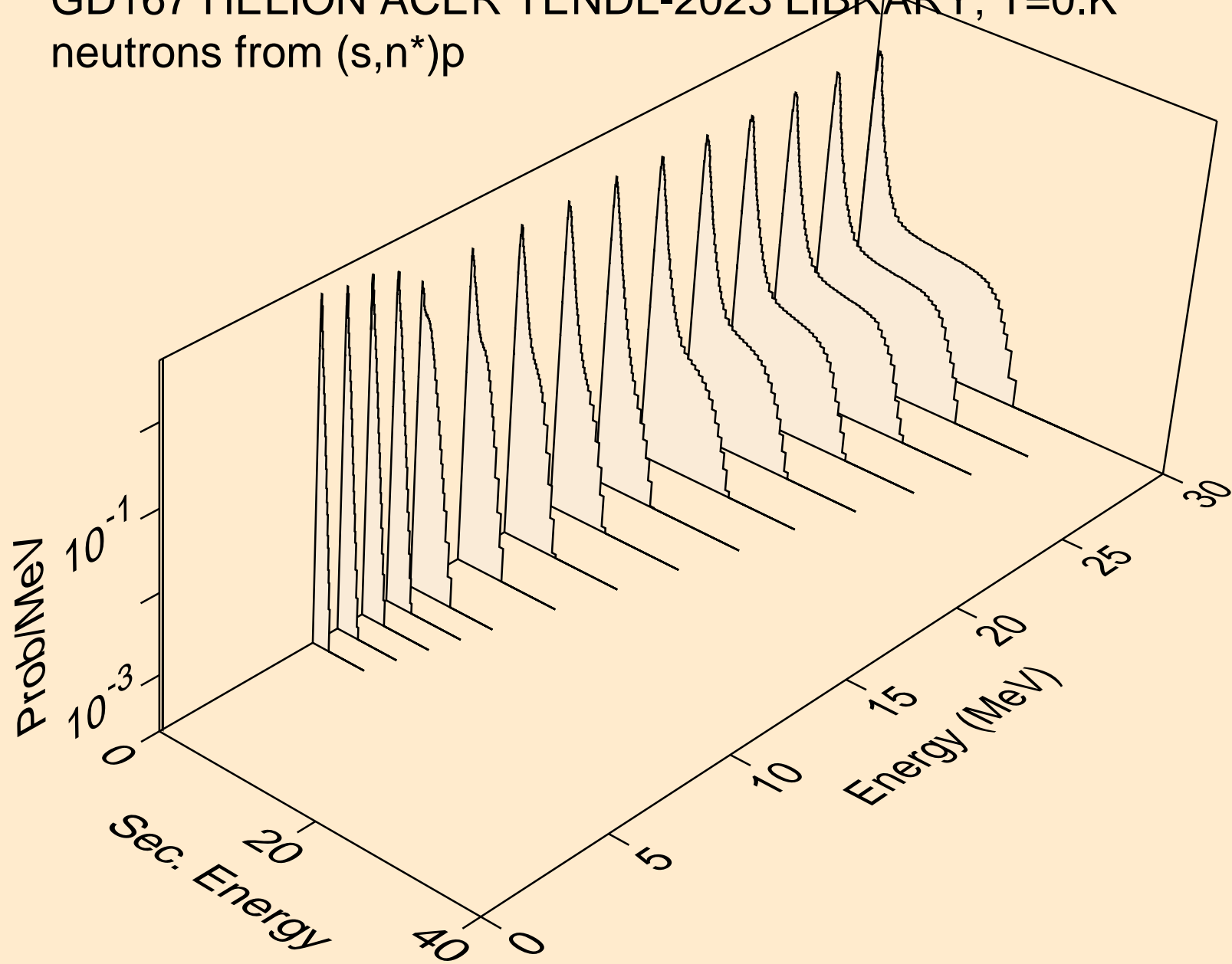
GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)a



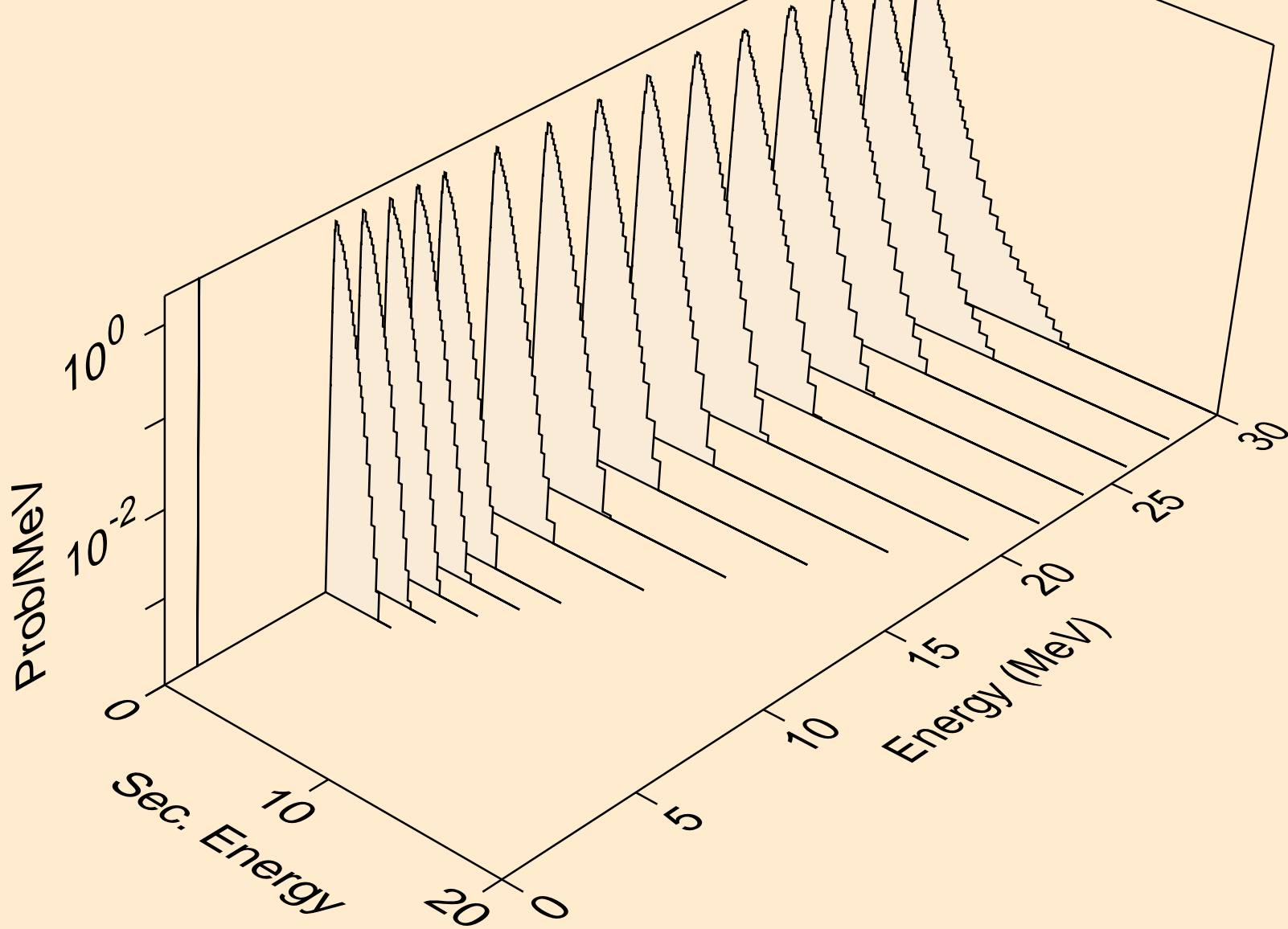
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neutrons from (s,3n)a



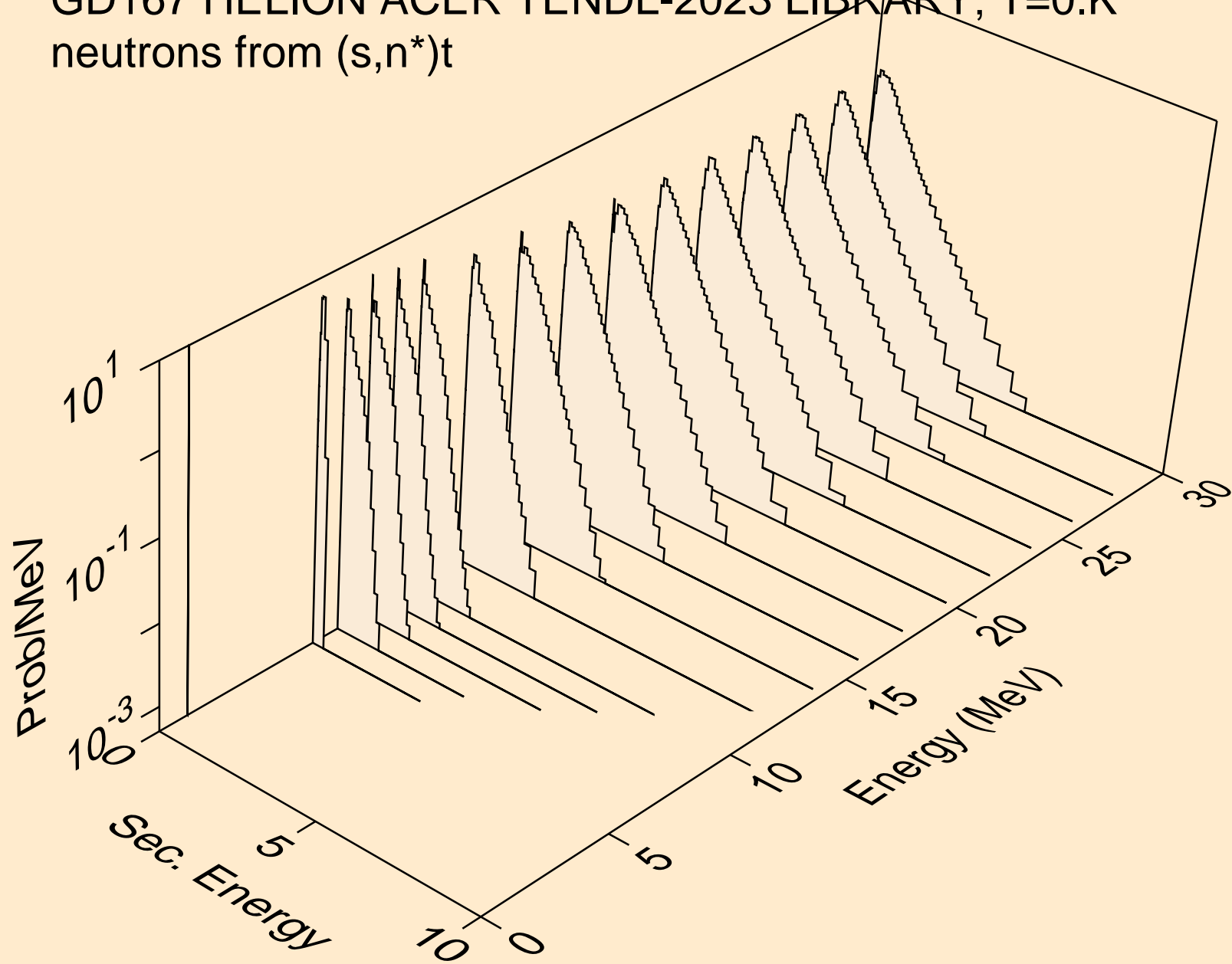
GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)p



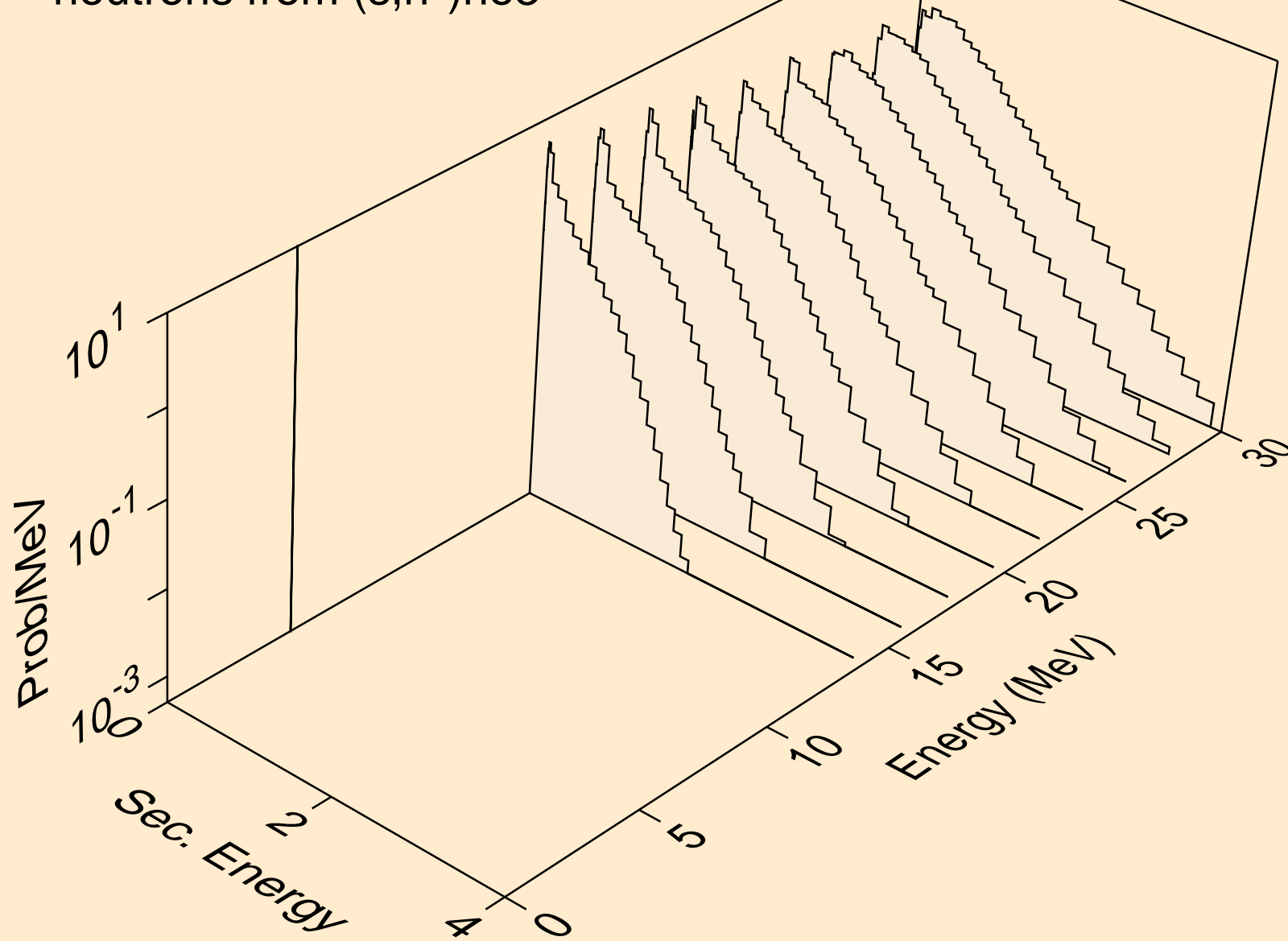
GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)d



GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)t

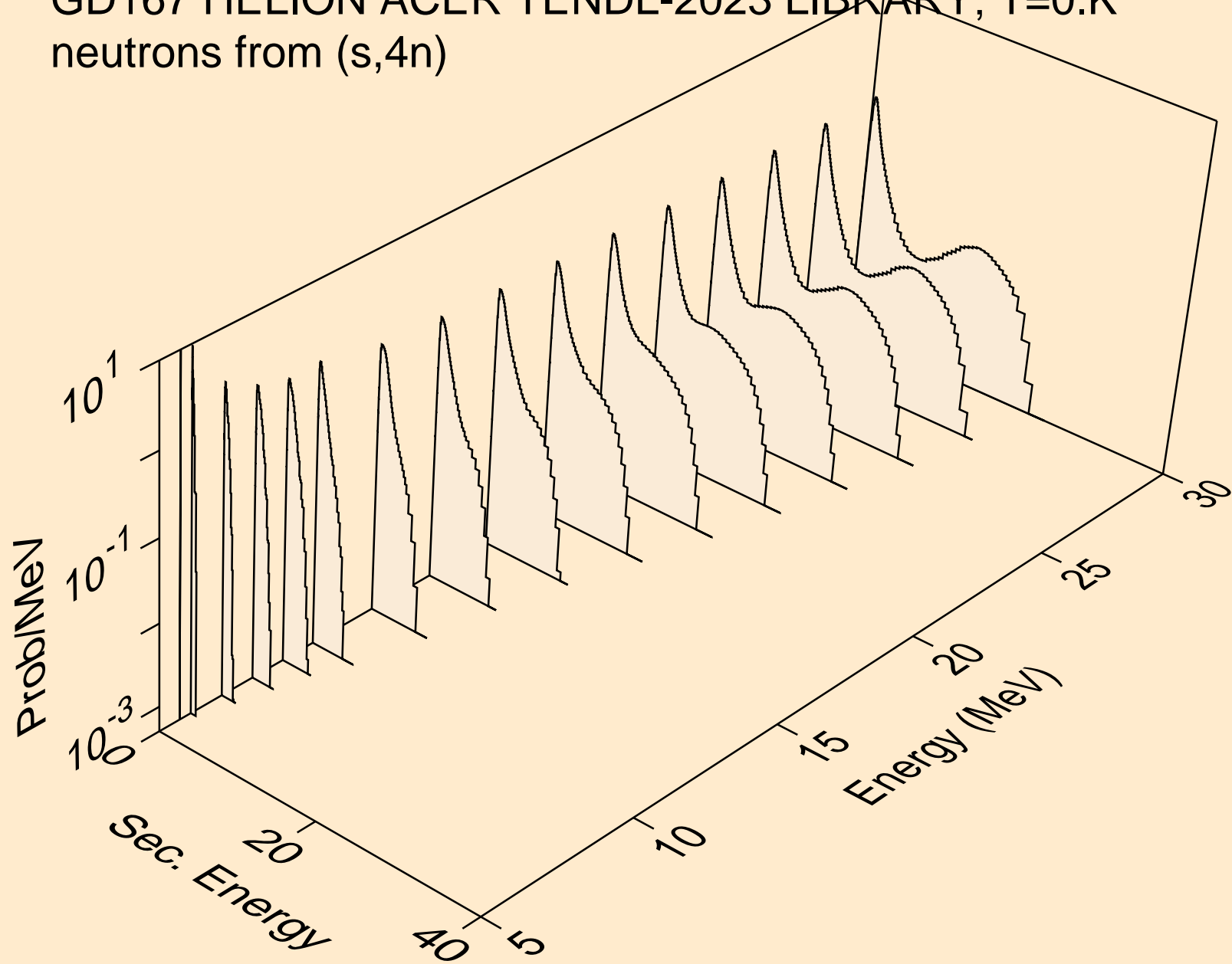


GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)he3

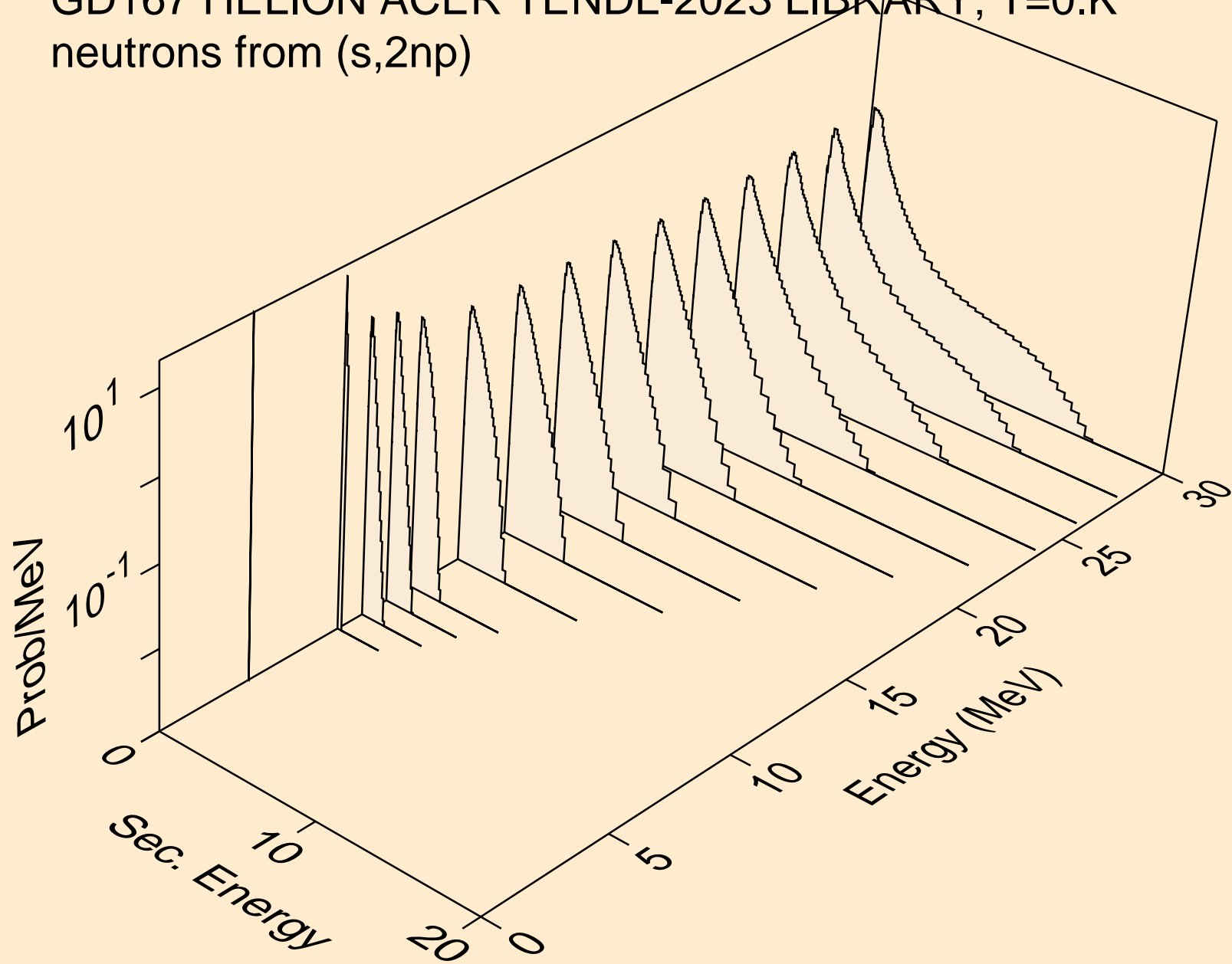




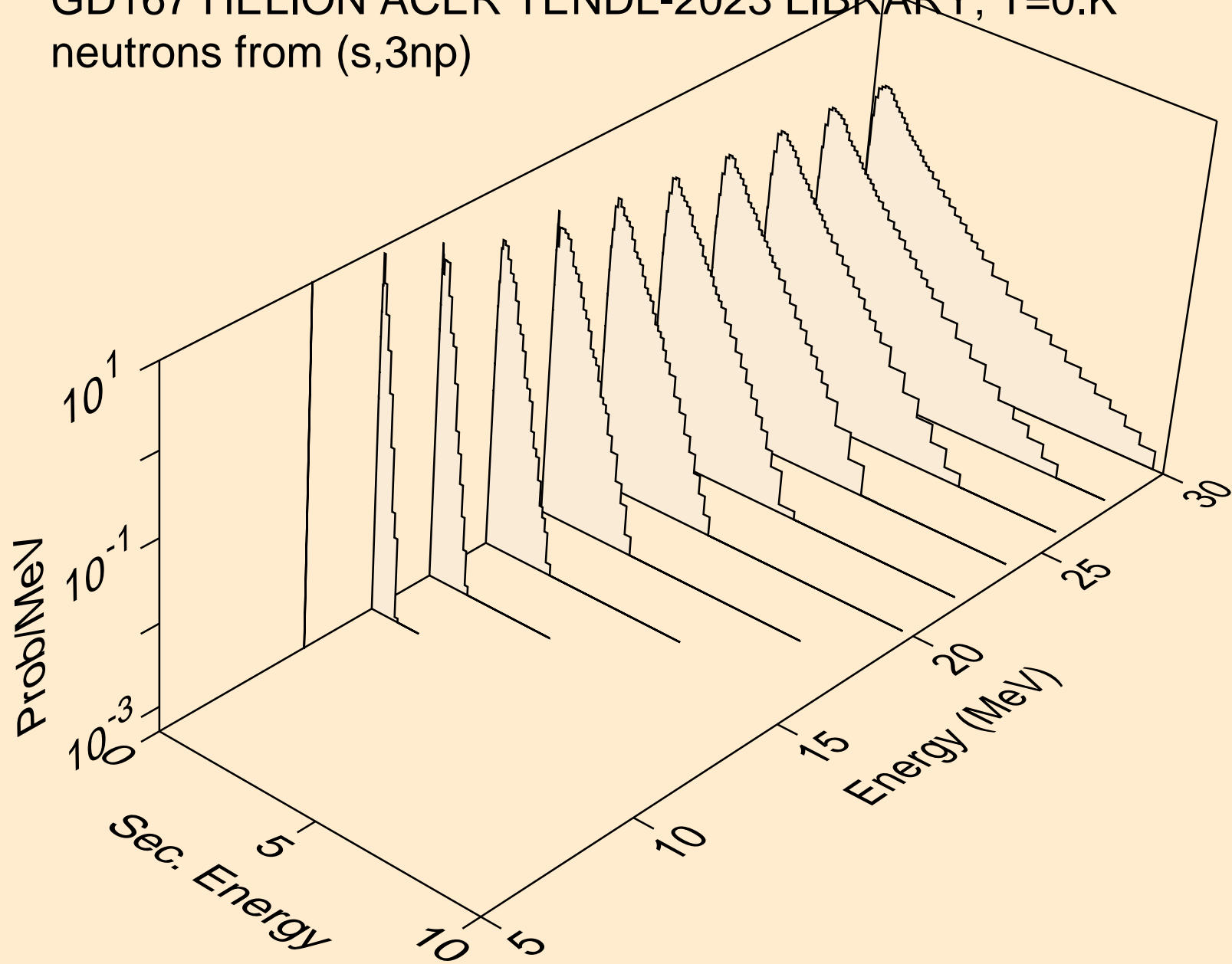
GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,4n)



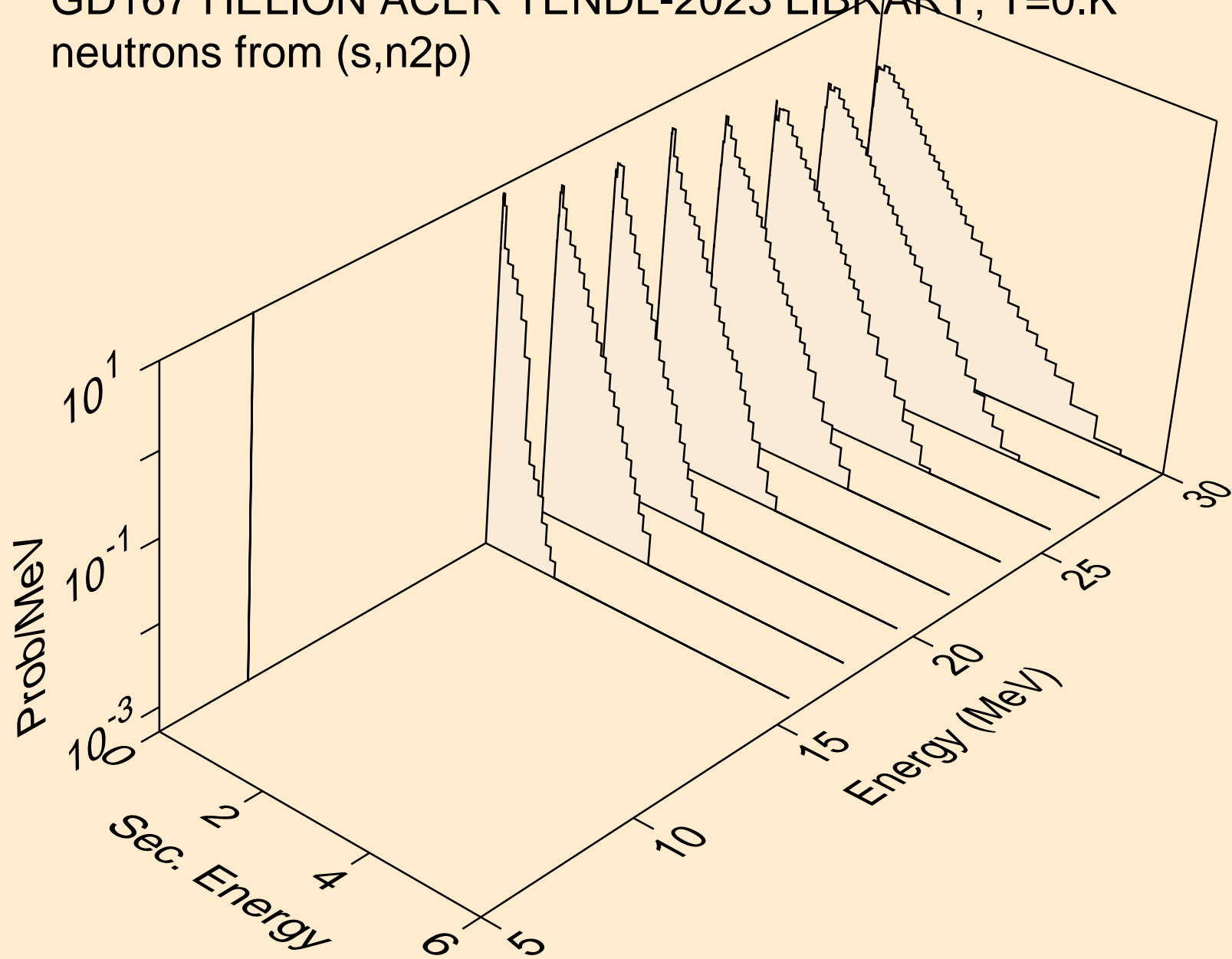
GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2np)



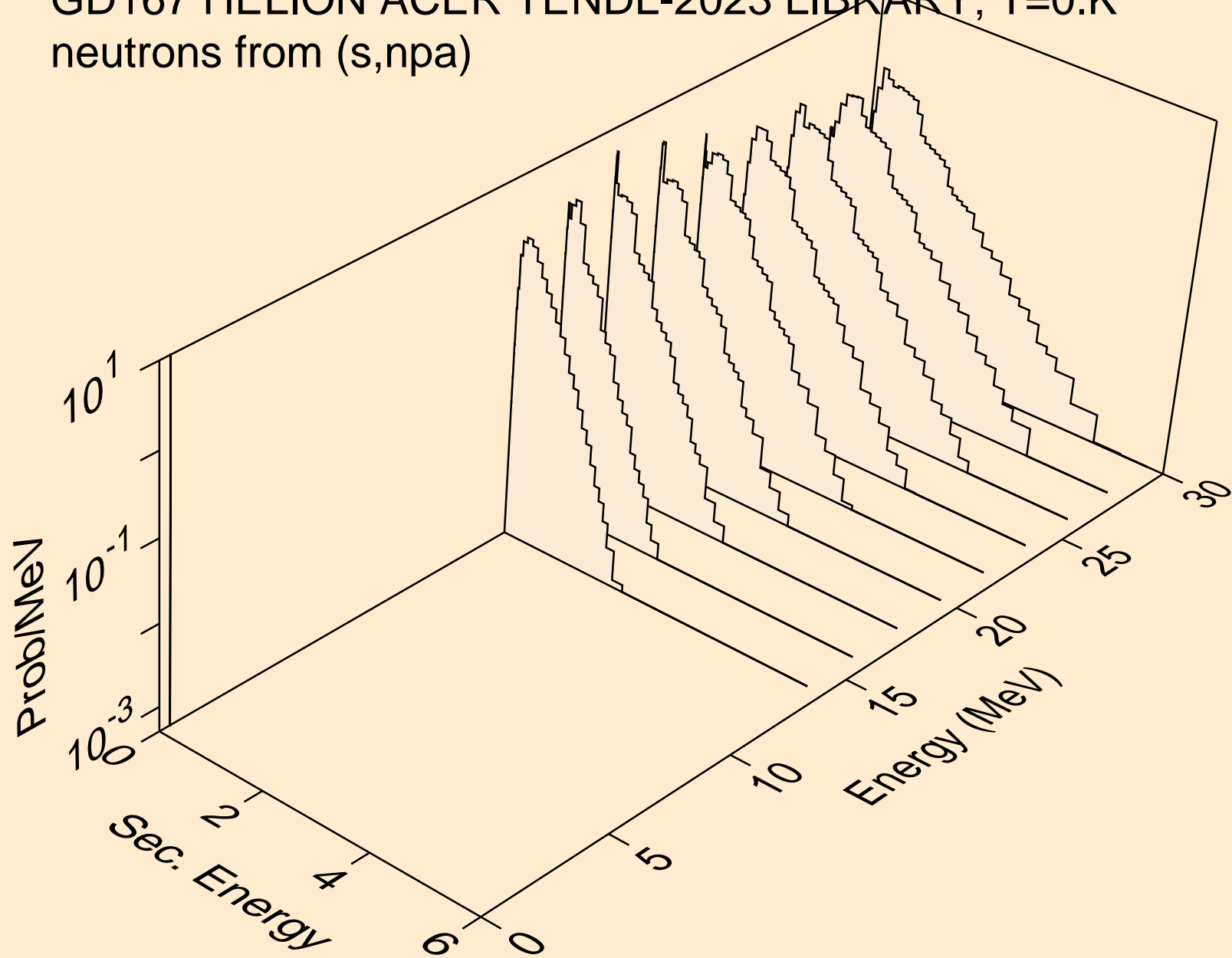
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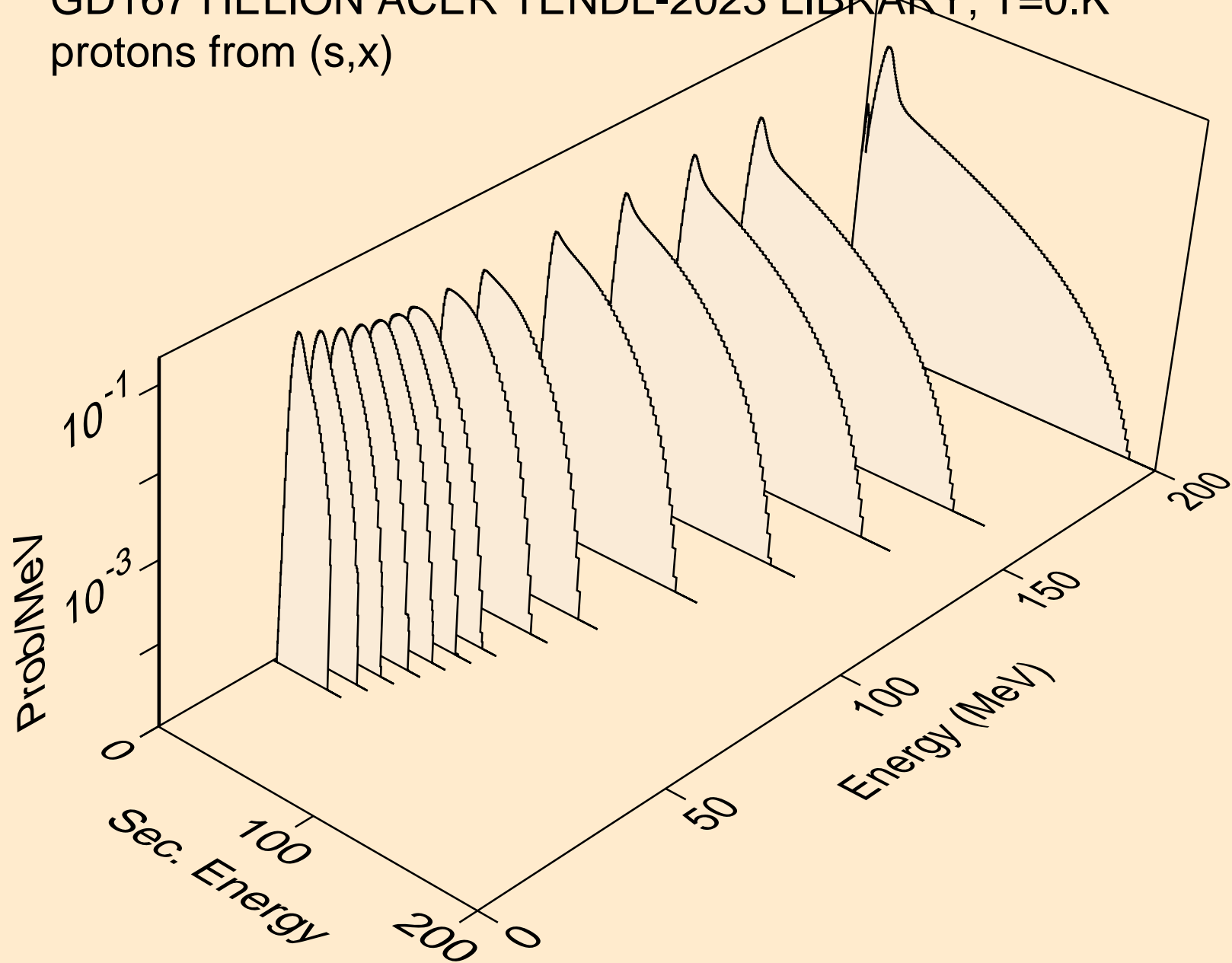
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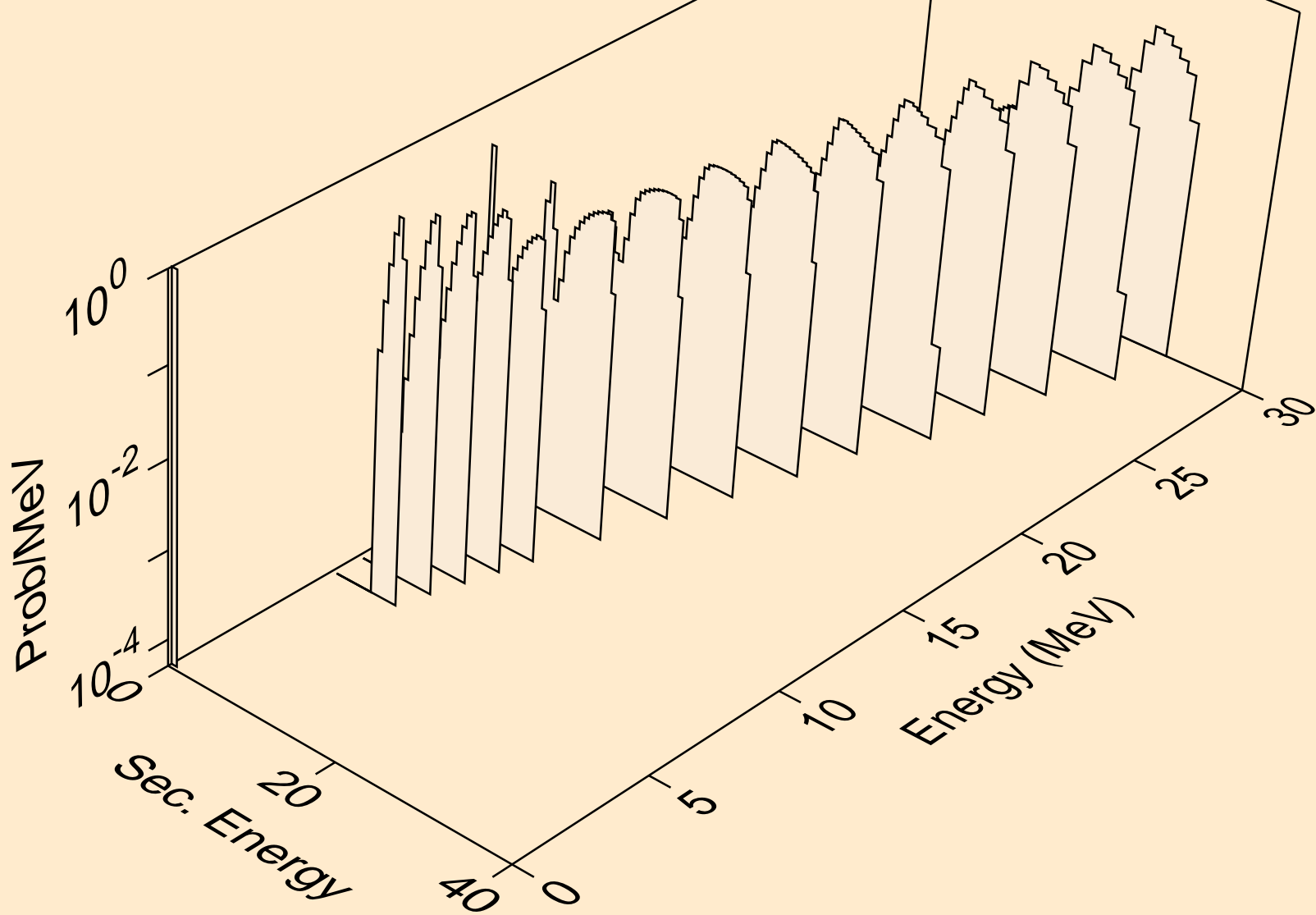
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neutrons from (s,npa)



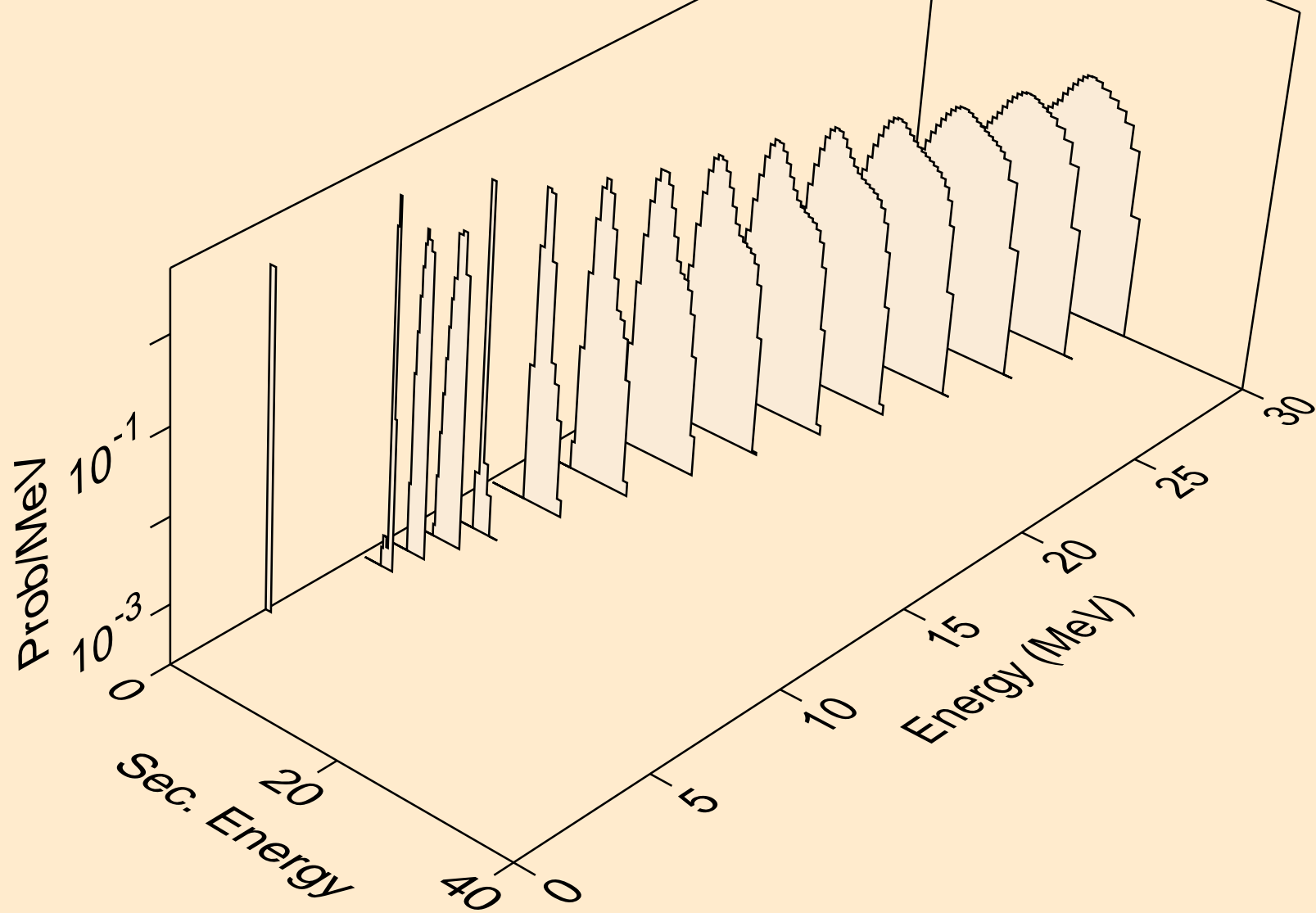
GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,x)



GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,n\*)p

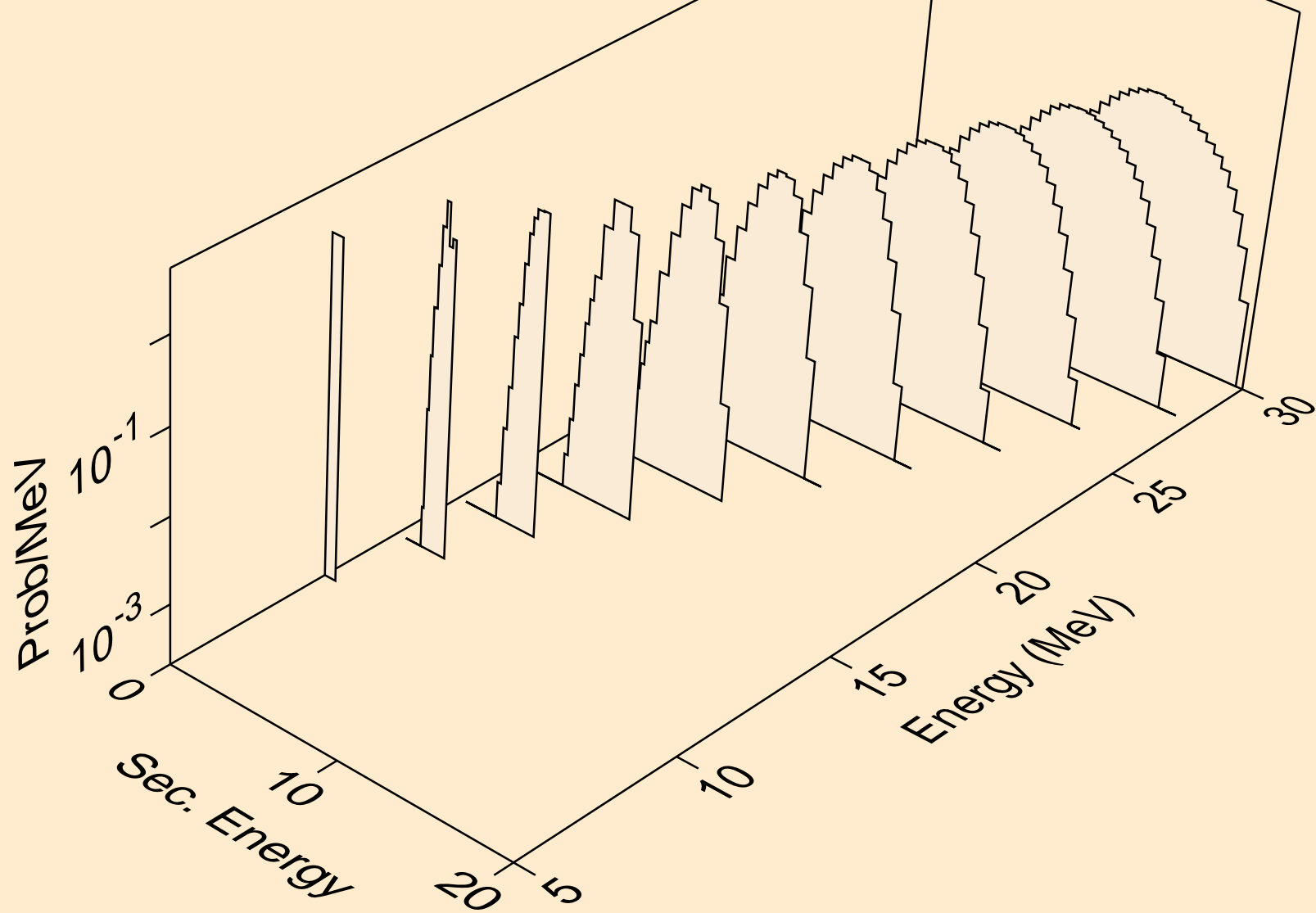


GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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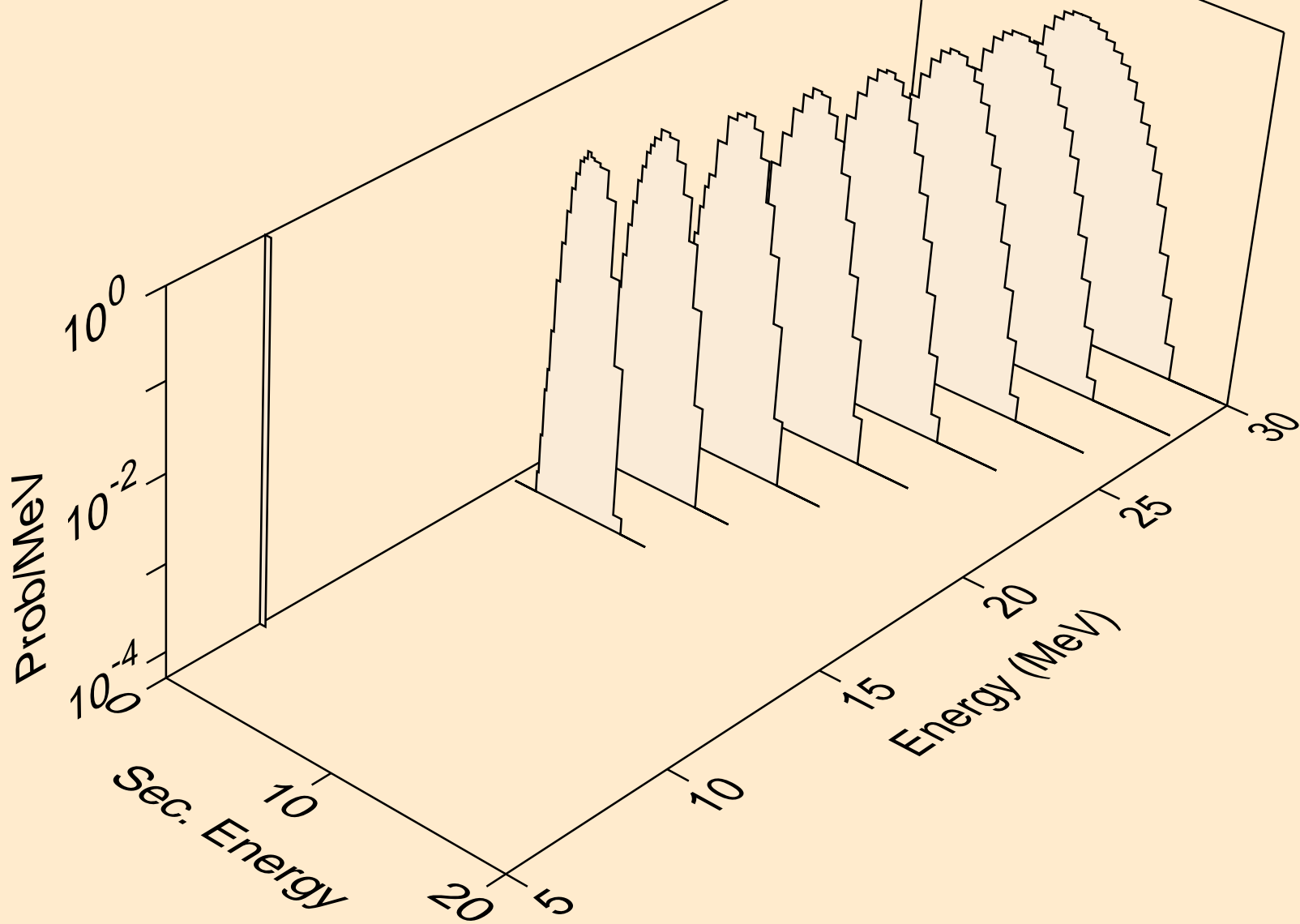




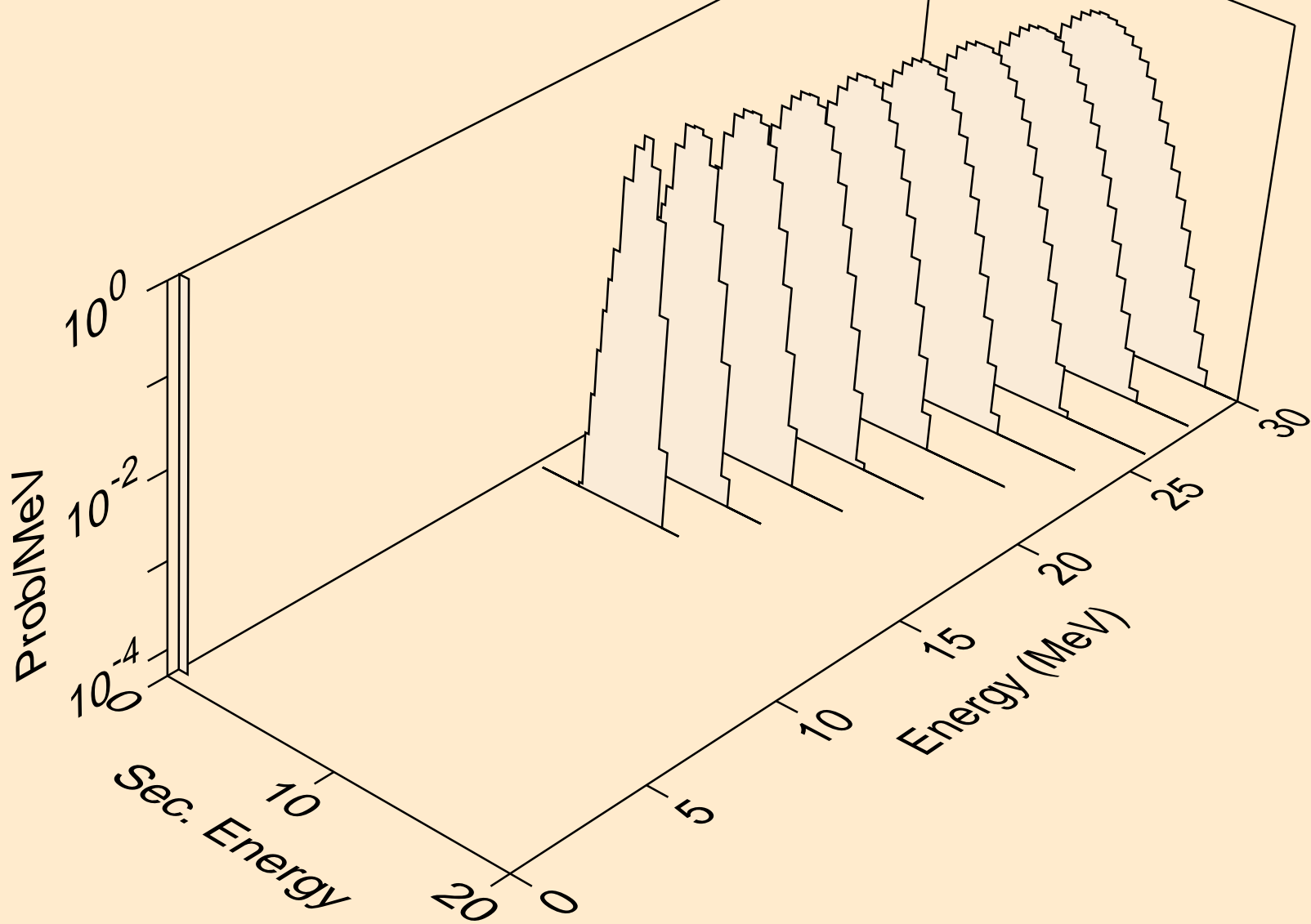
GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,3np)



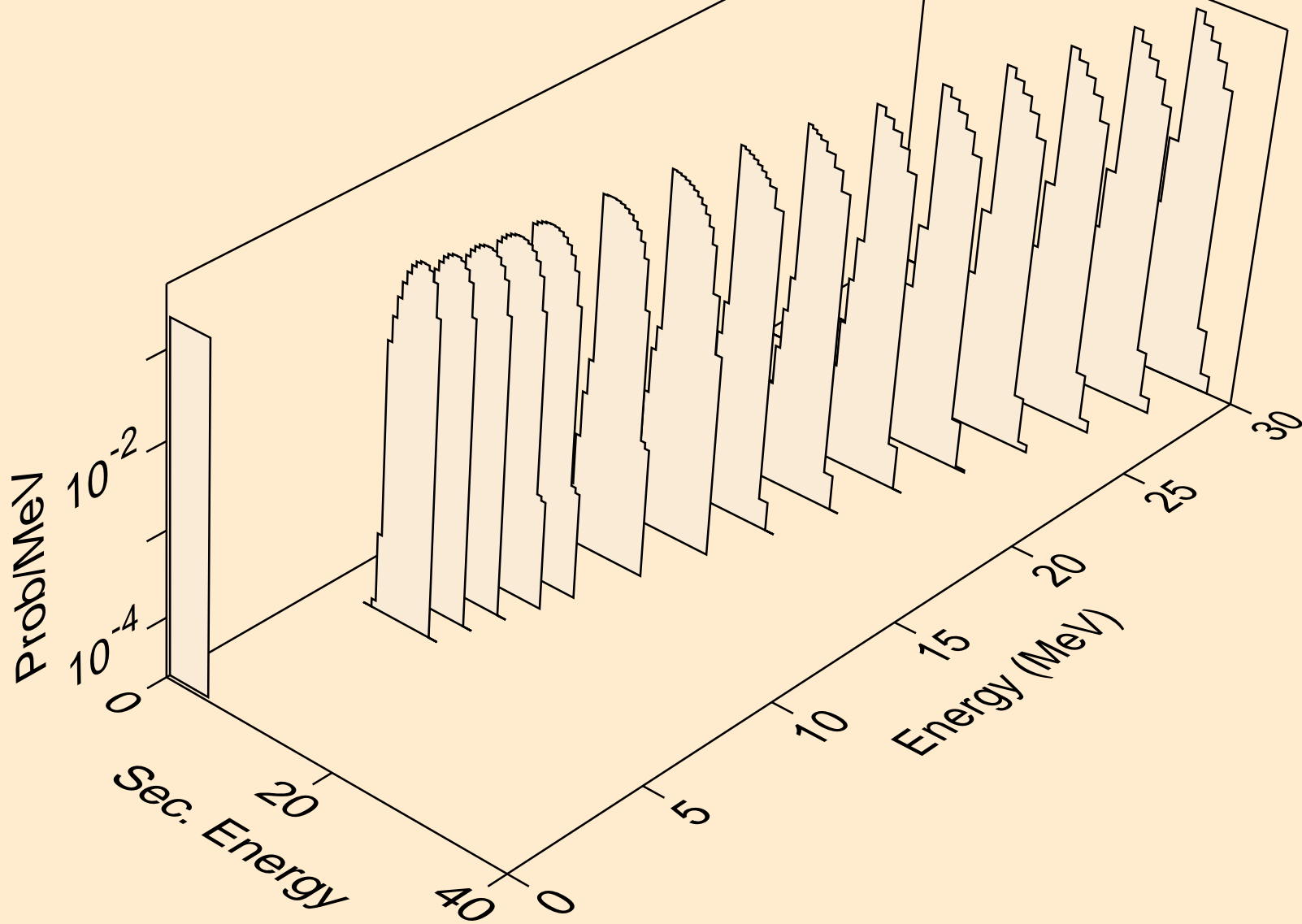
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protons from (s,n2p)



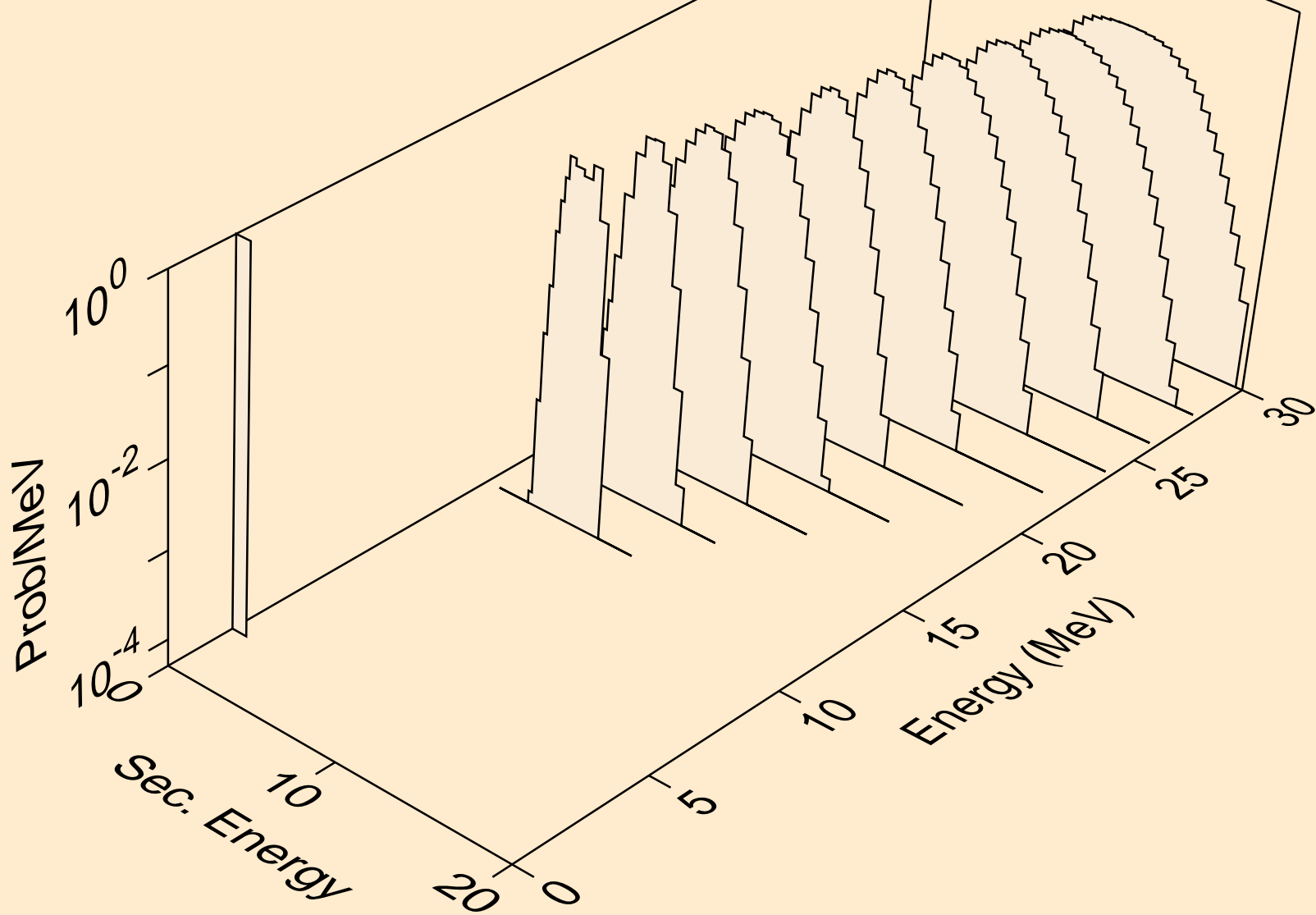
GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,npa)



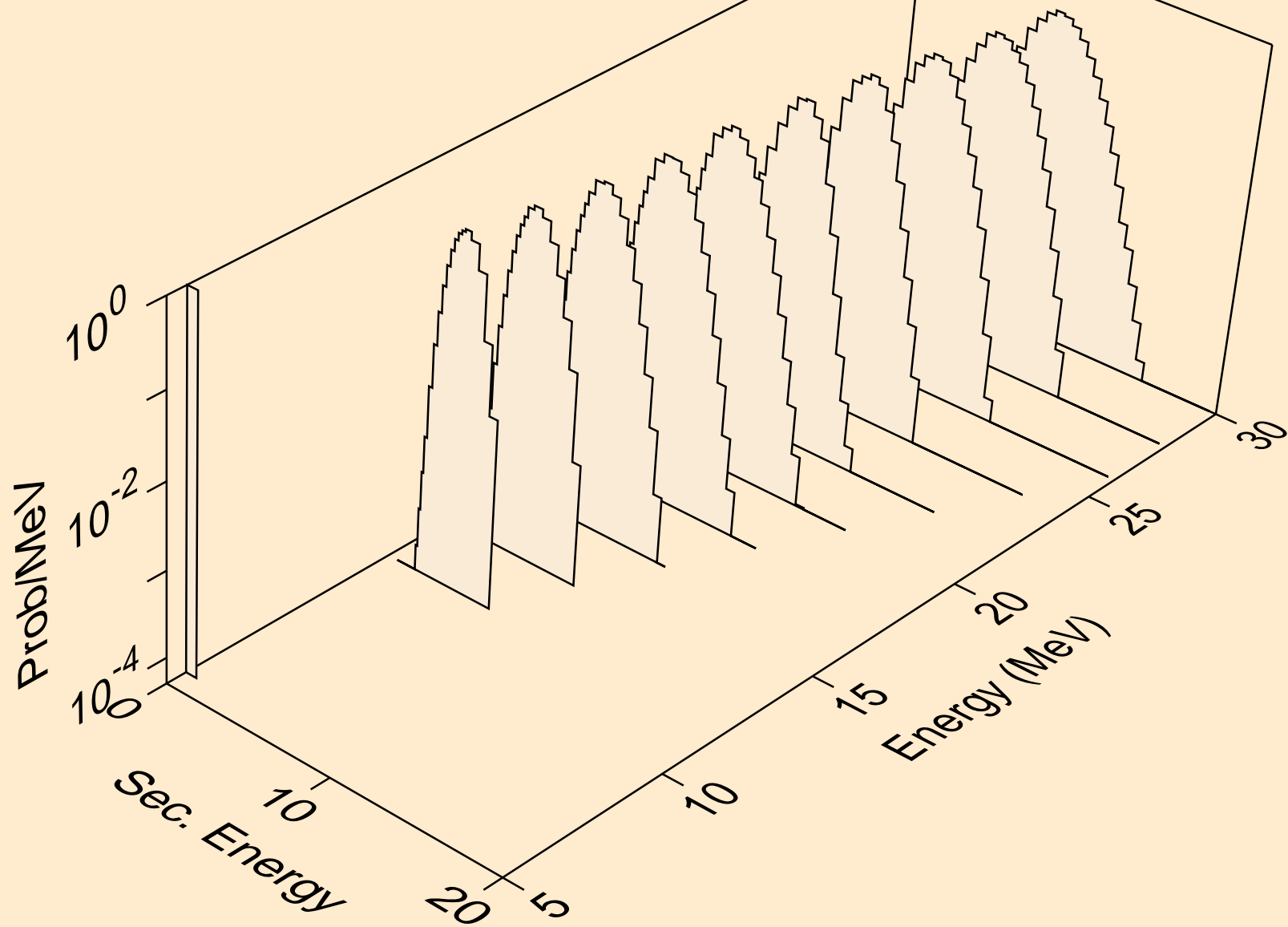
GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,p)



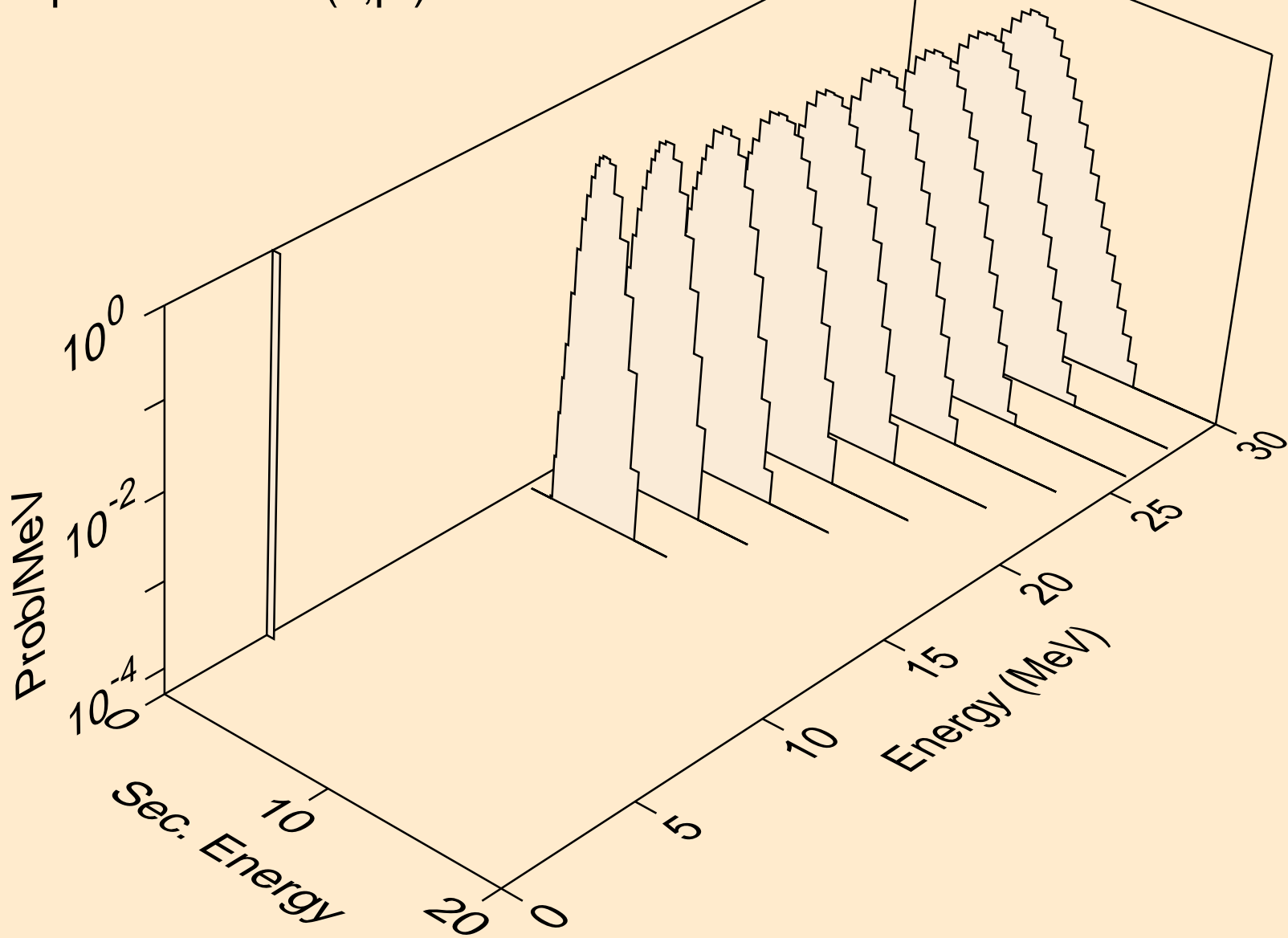
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protons from (s,2p)



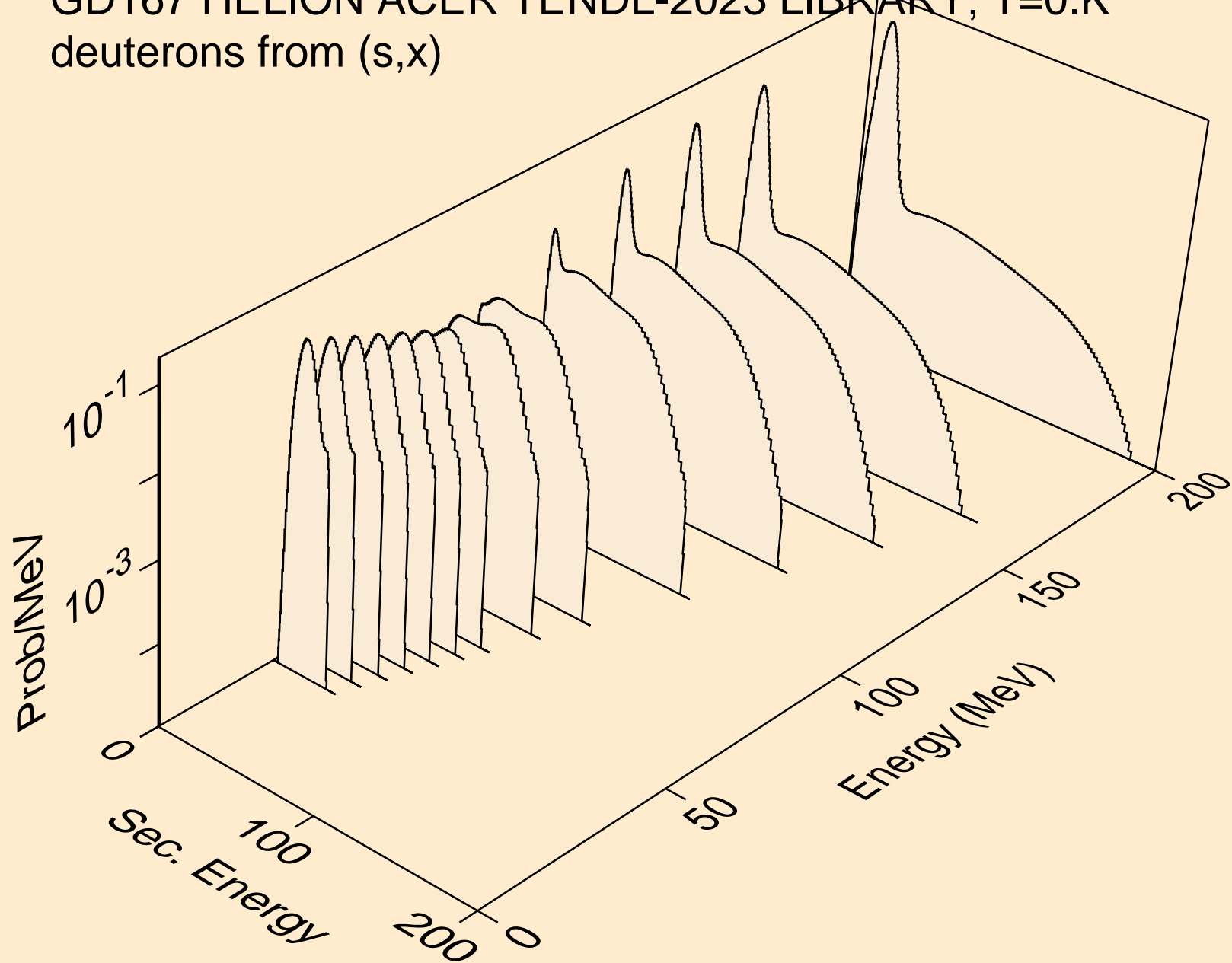
GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pd)



GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pt)

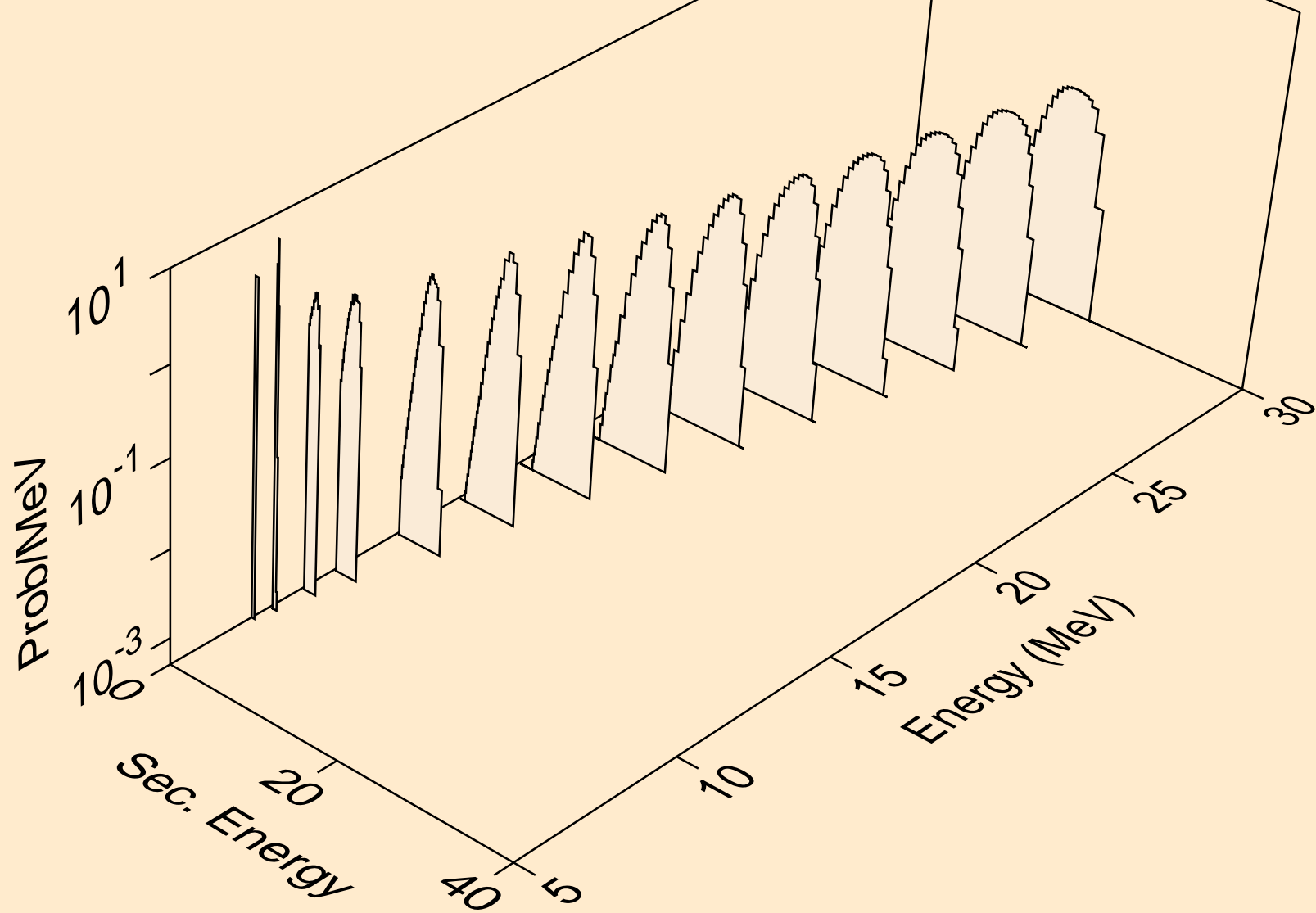


GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,x)

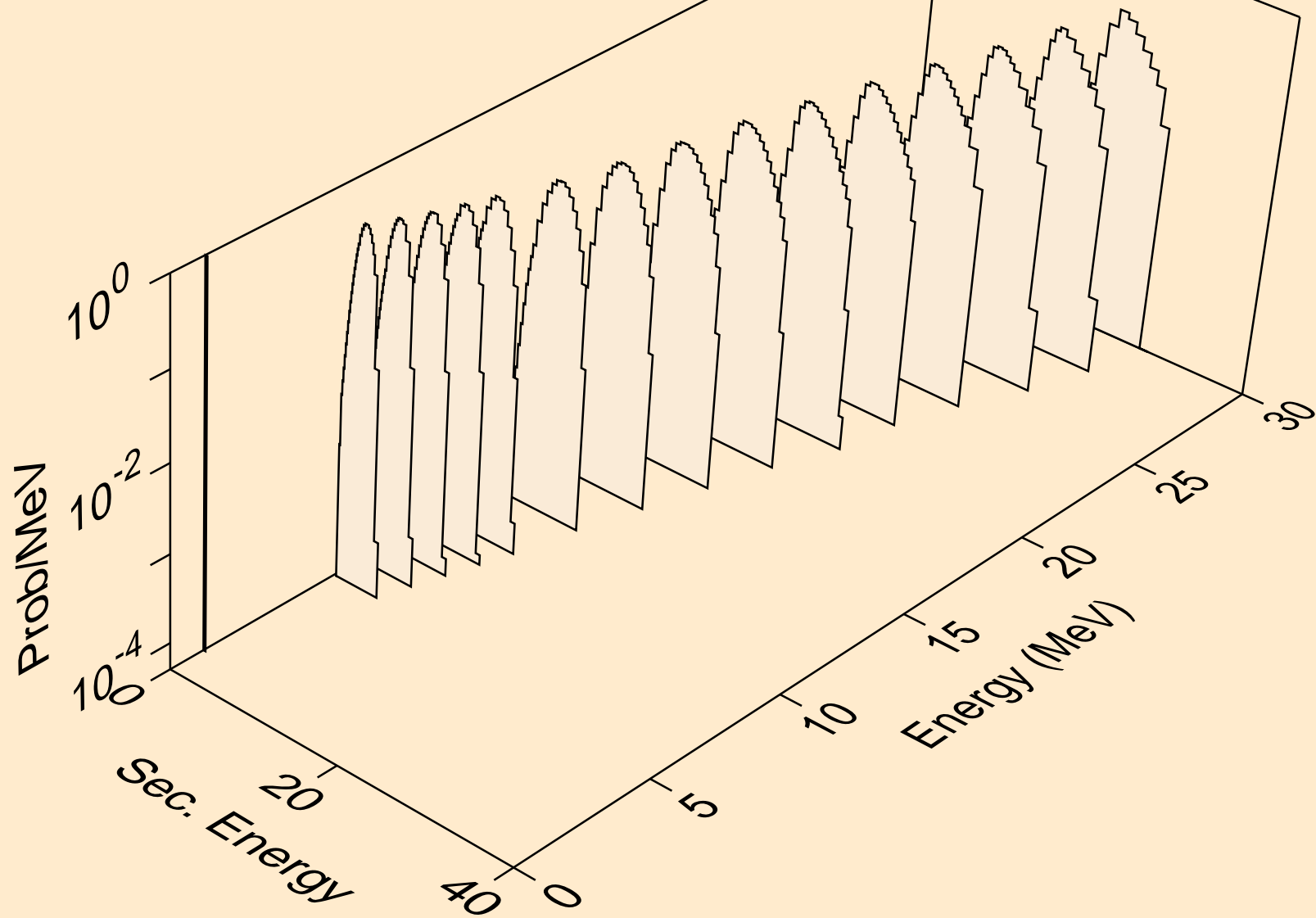




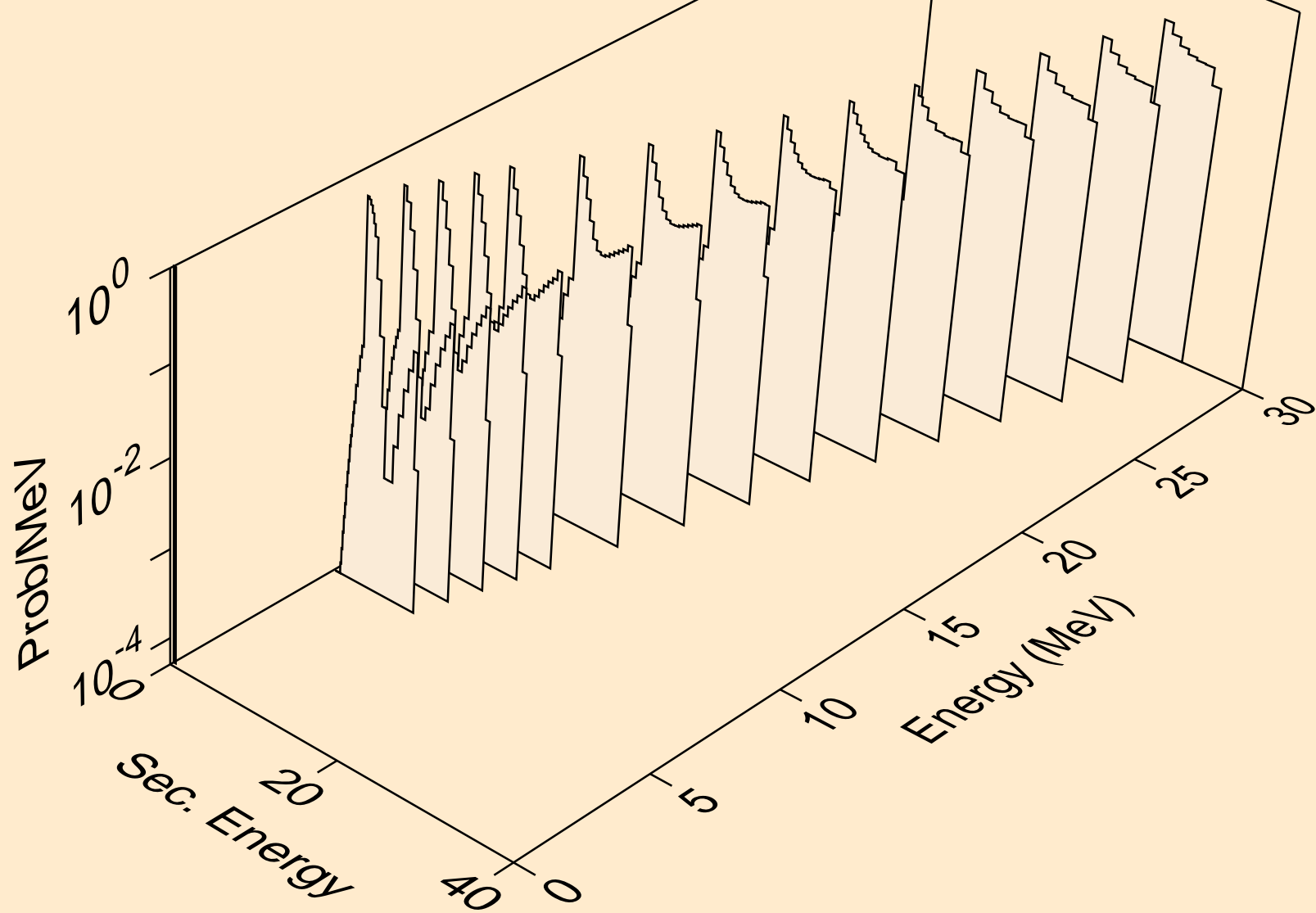
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deuterons from (s,2nd)



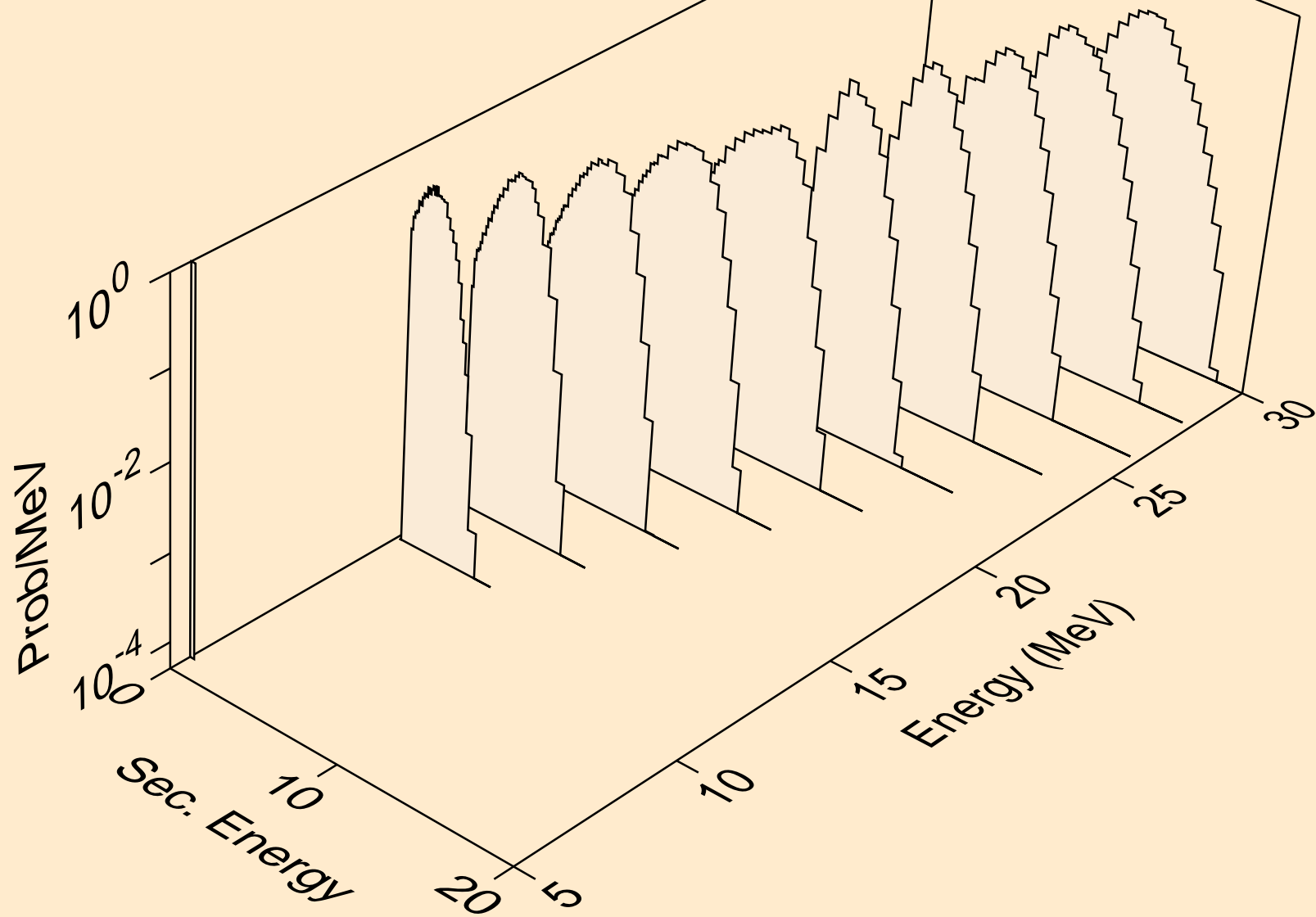
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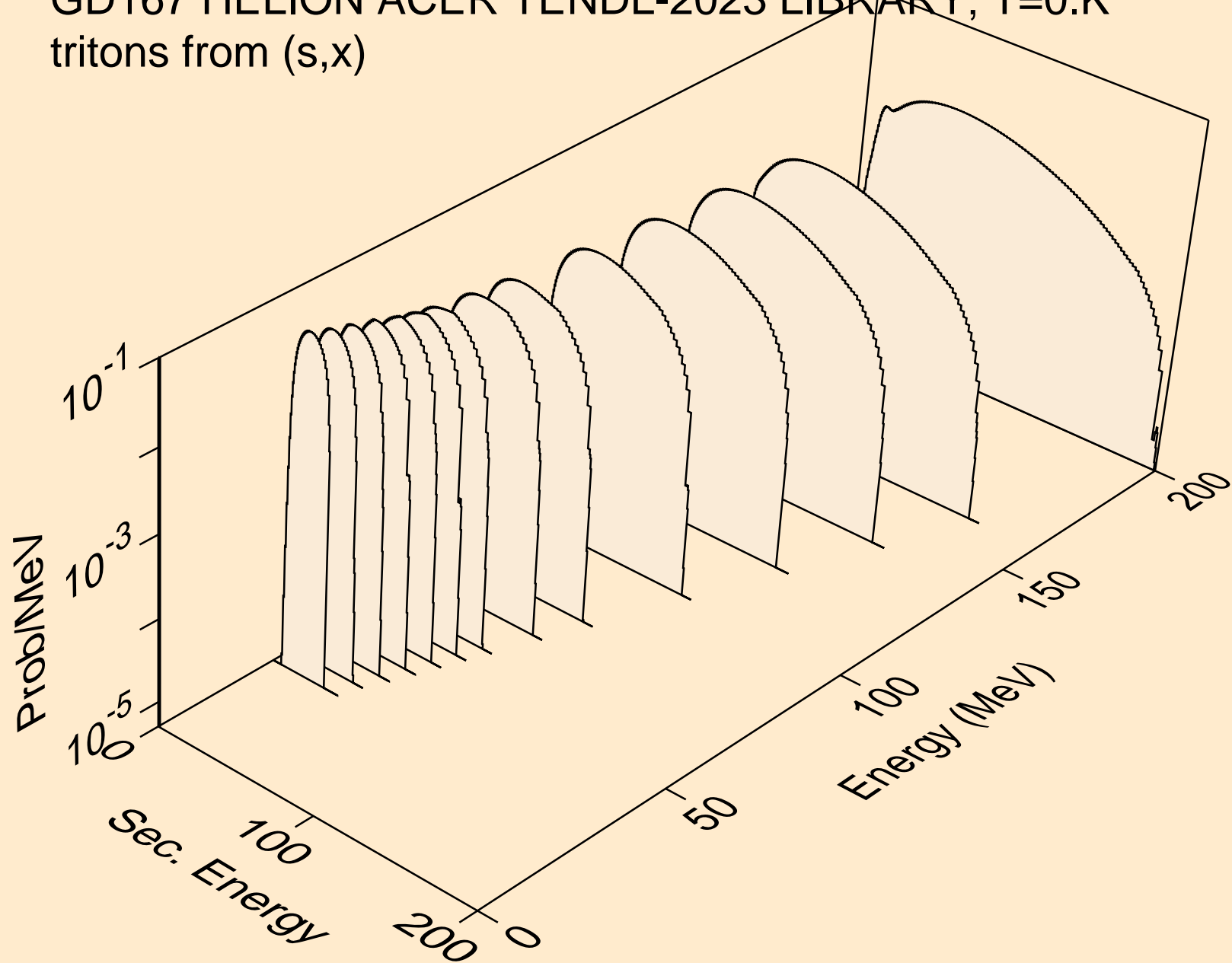
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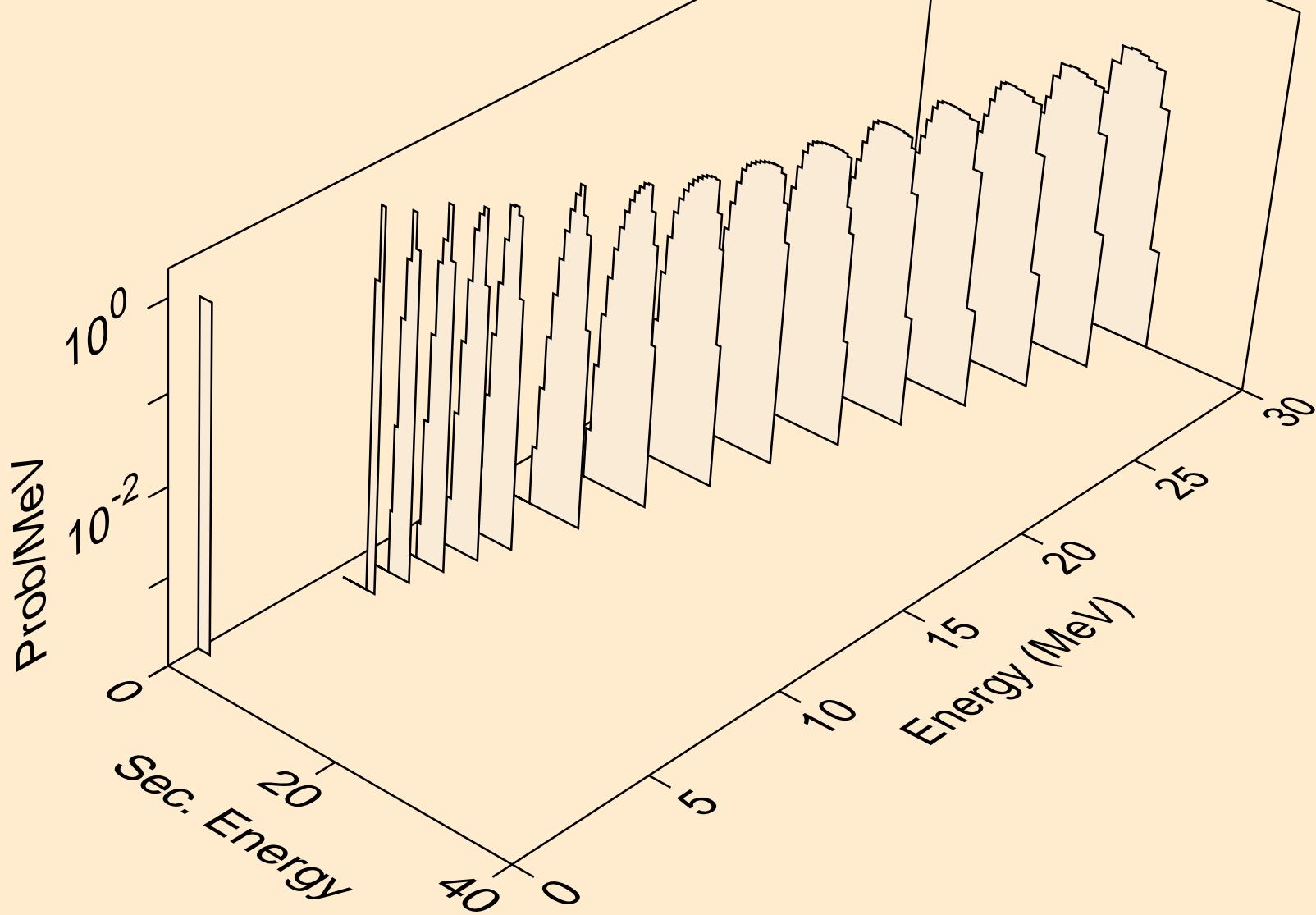
GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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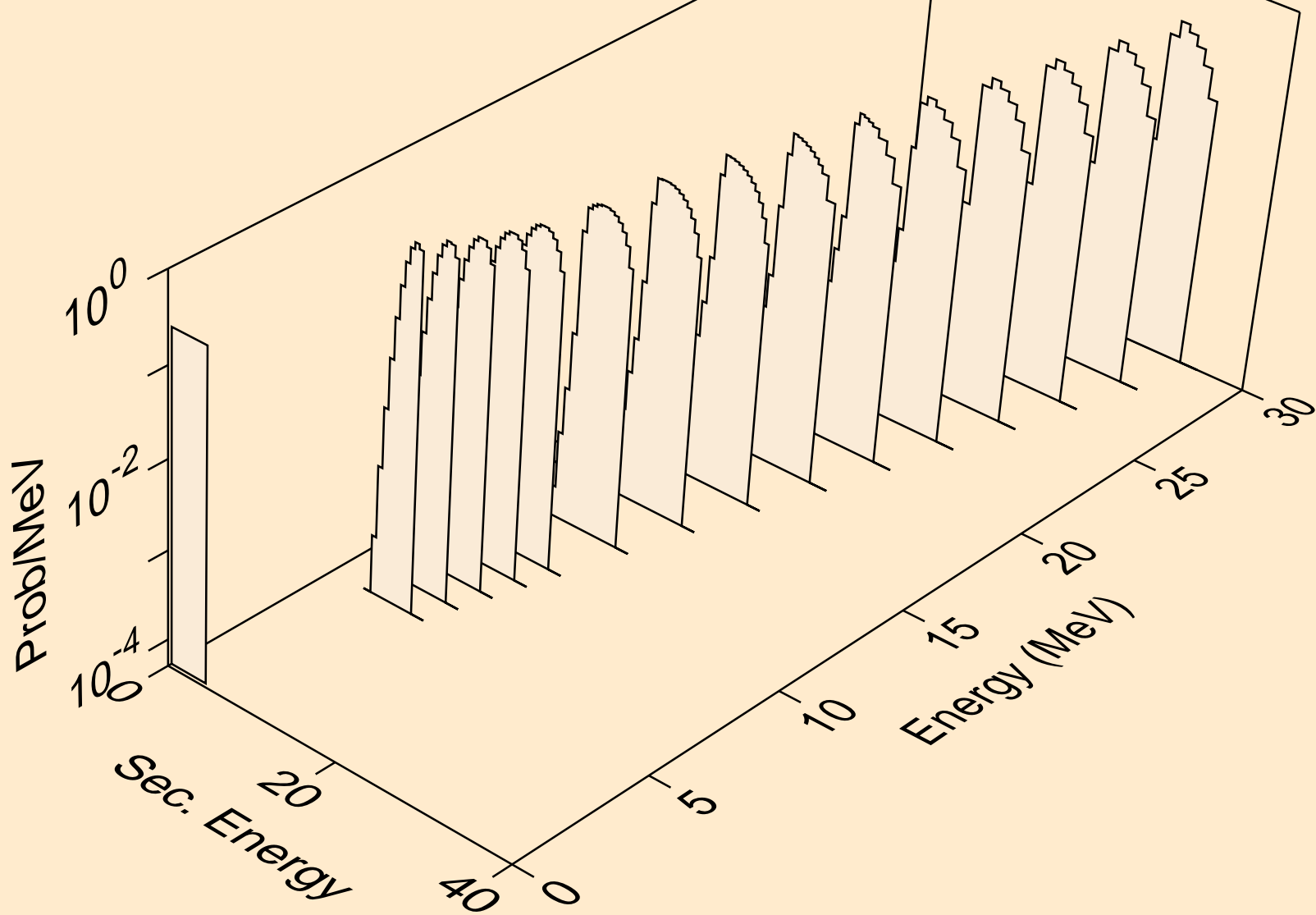
GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,x)



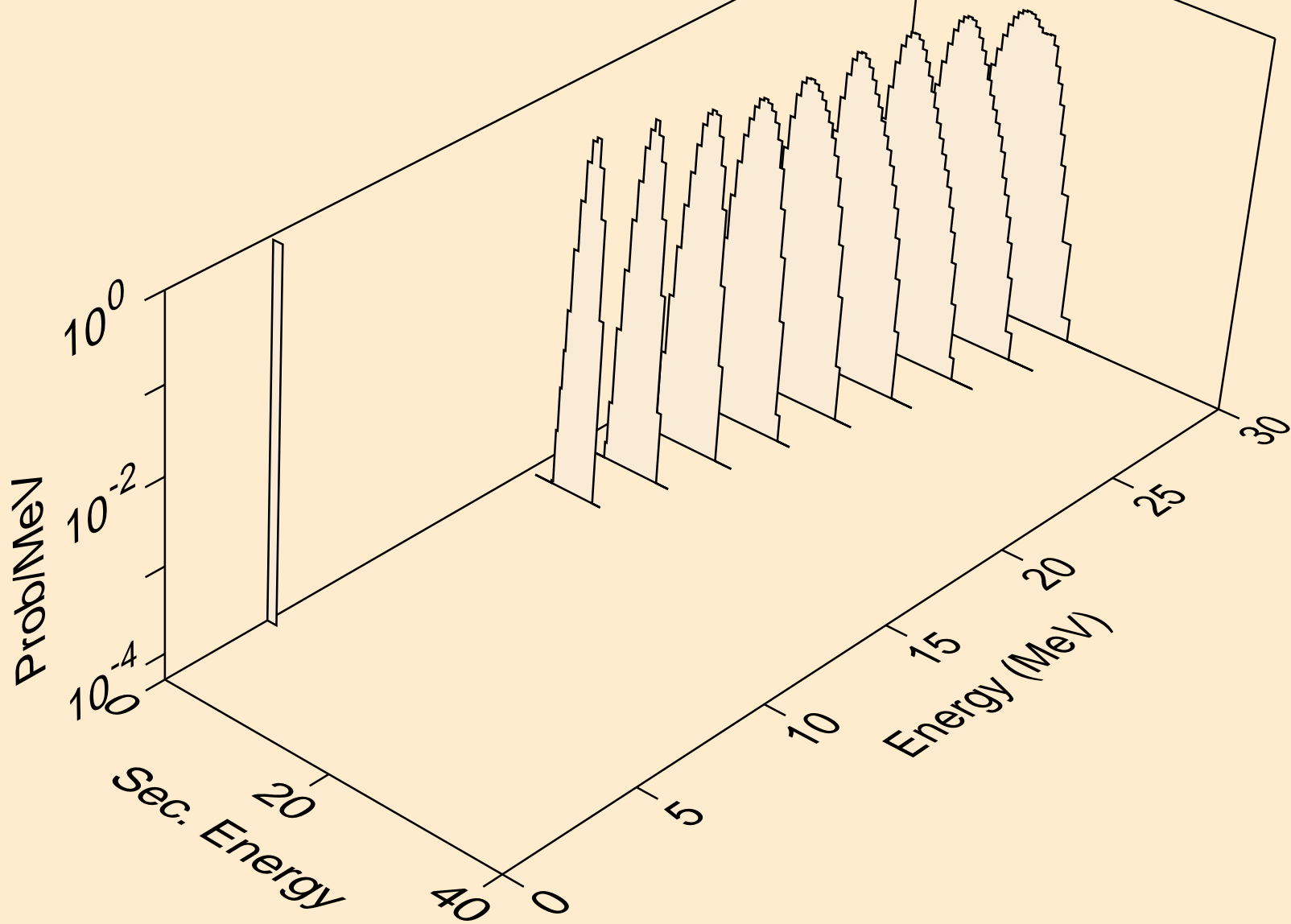
GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,n\*)t



GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,t)

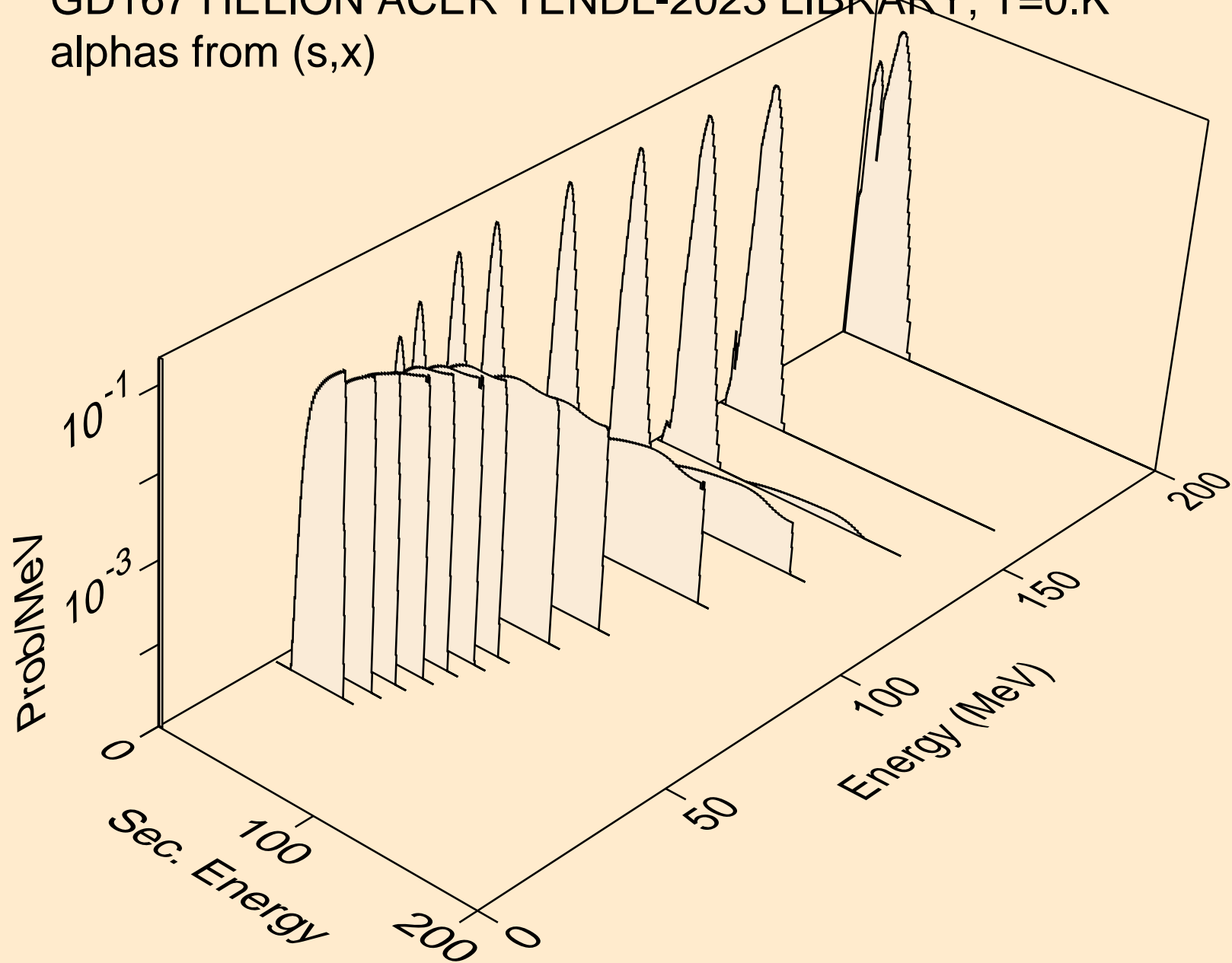


GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,pt)

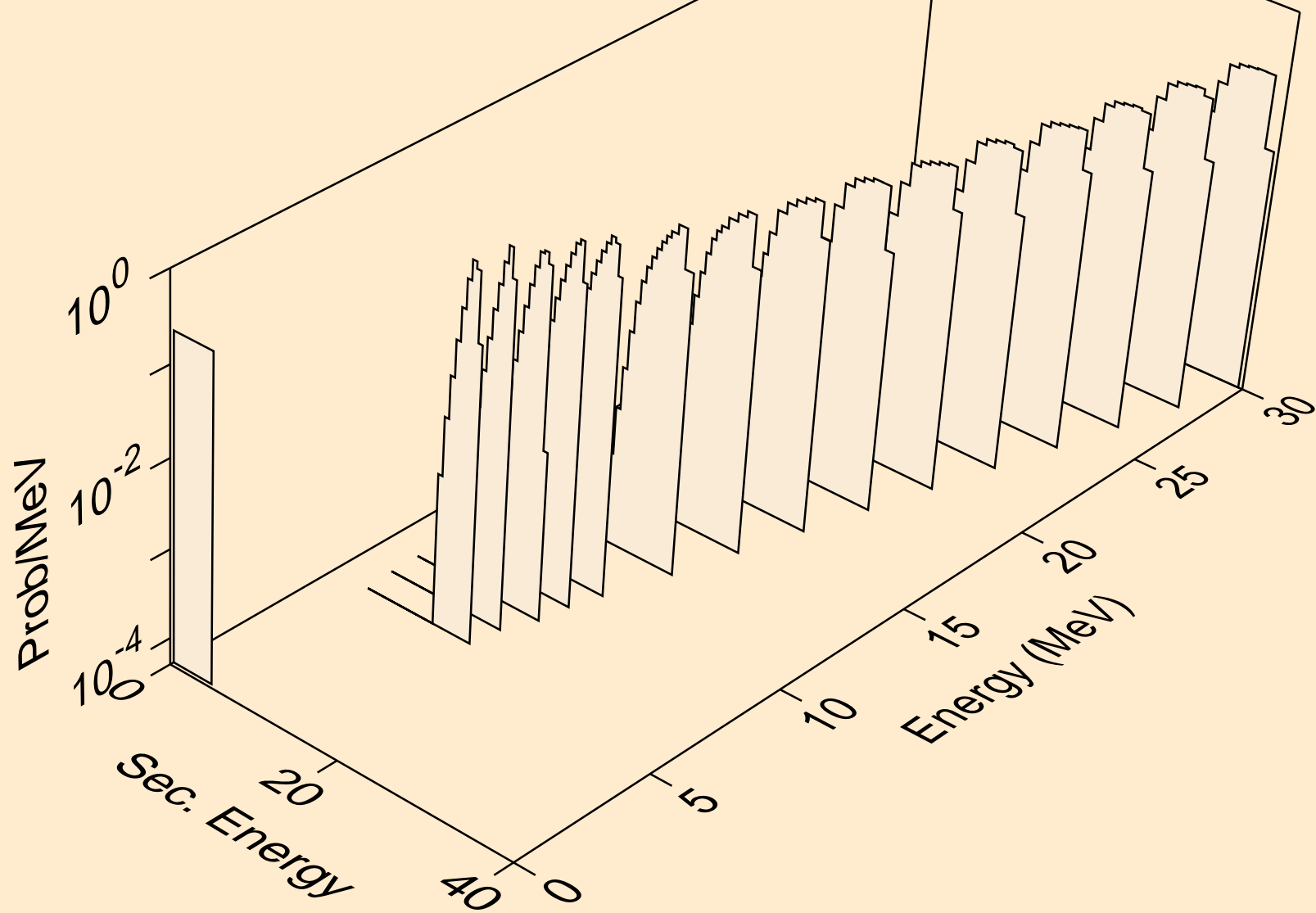




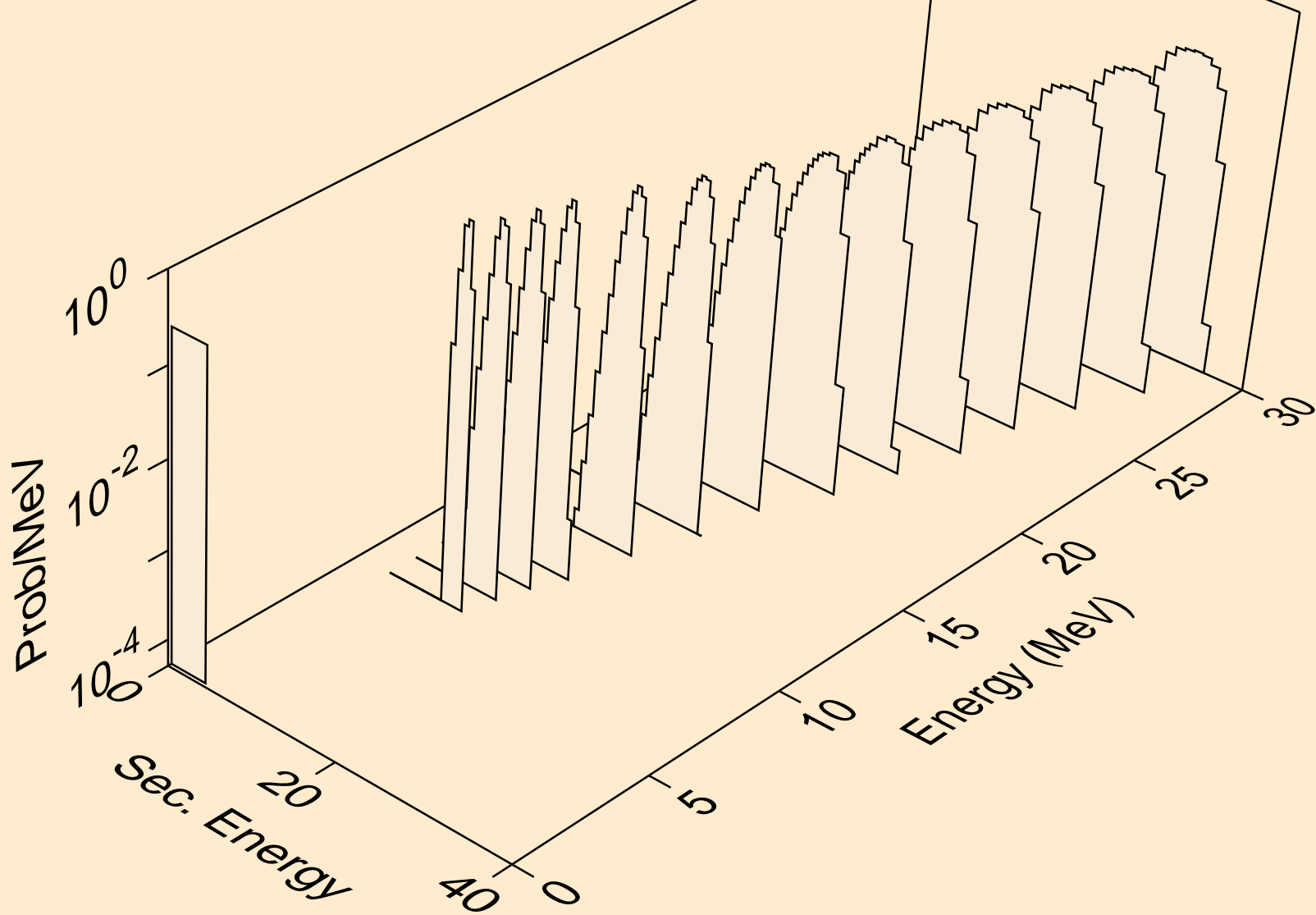
GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,x)



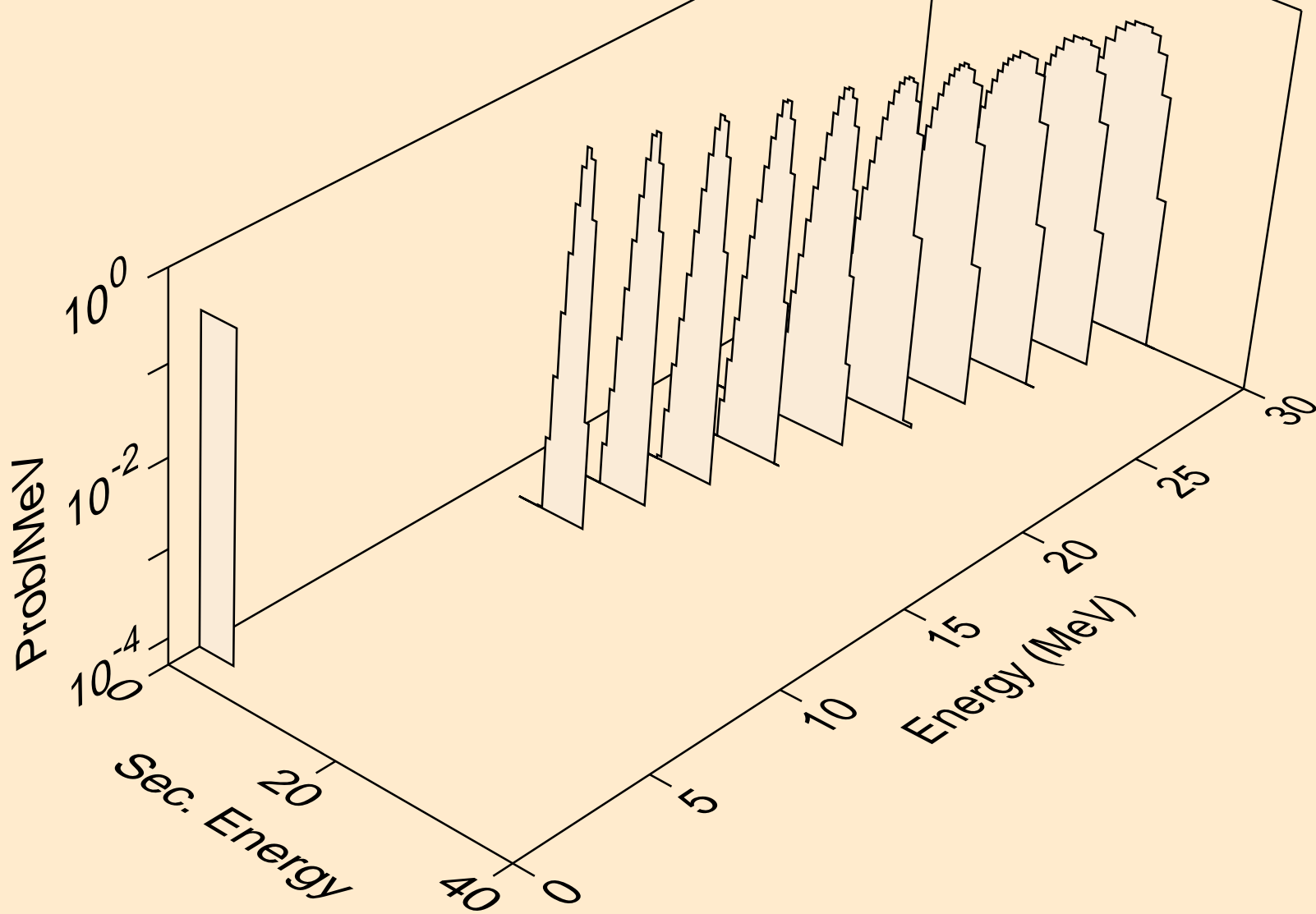
GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)a



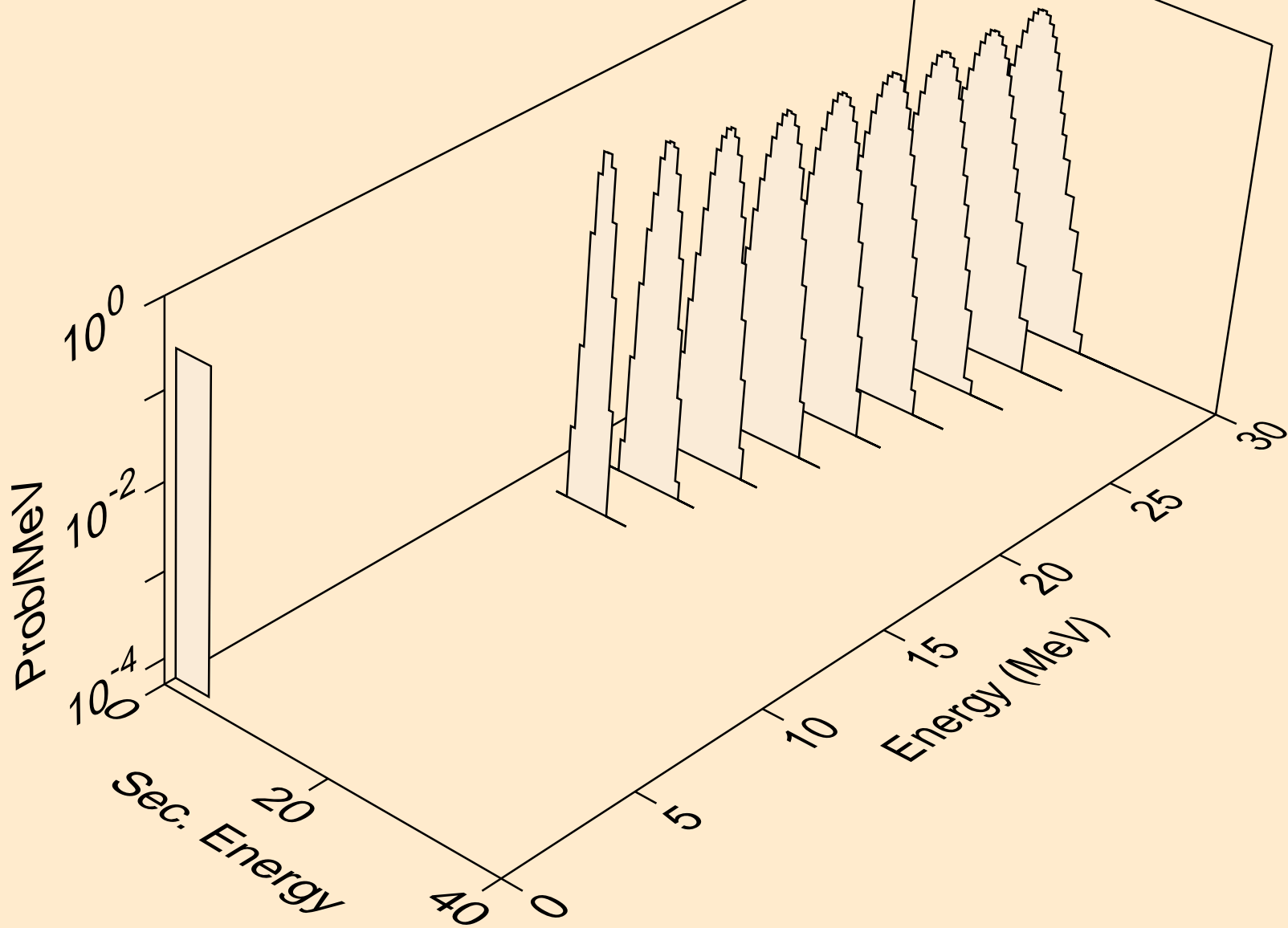
GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2n)a



GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,3n)a



GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,npa)



GD167 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,a)

