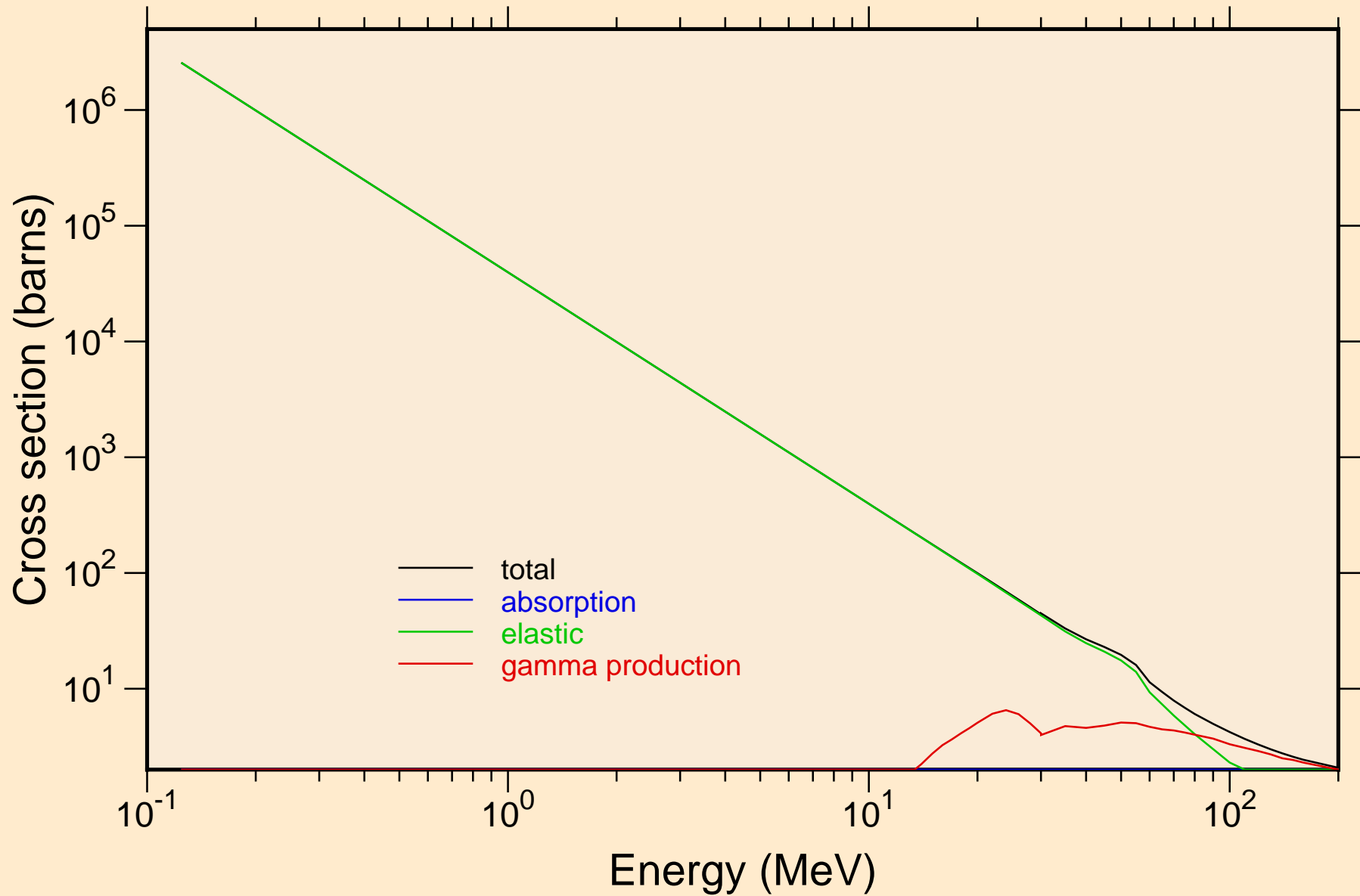


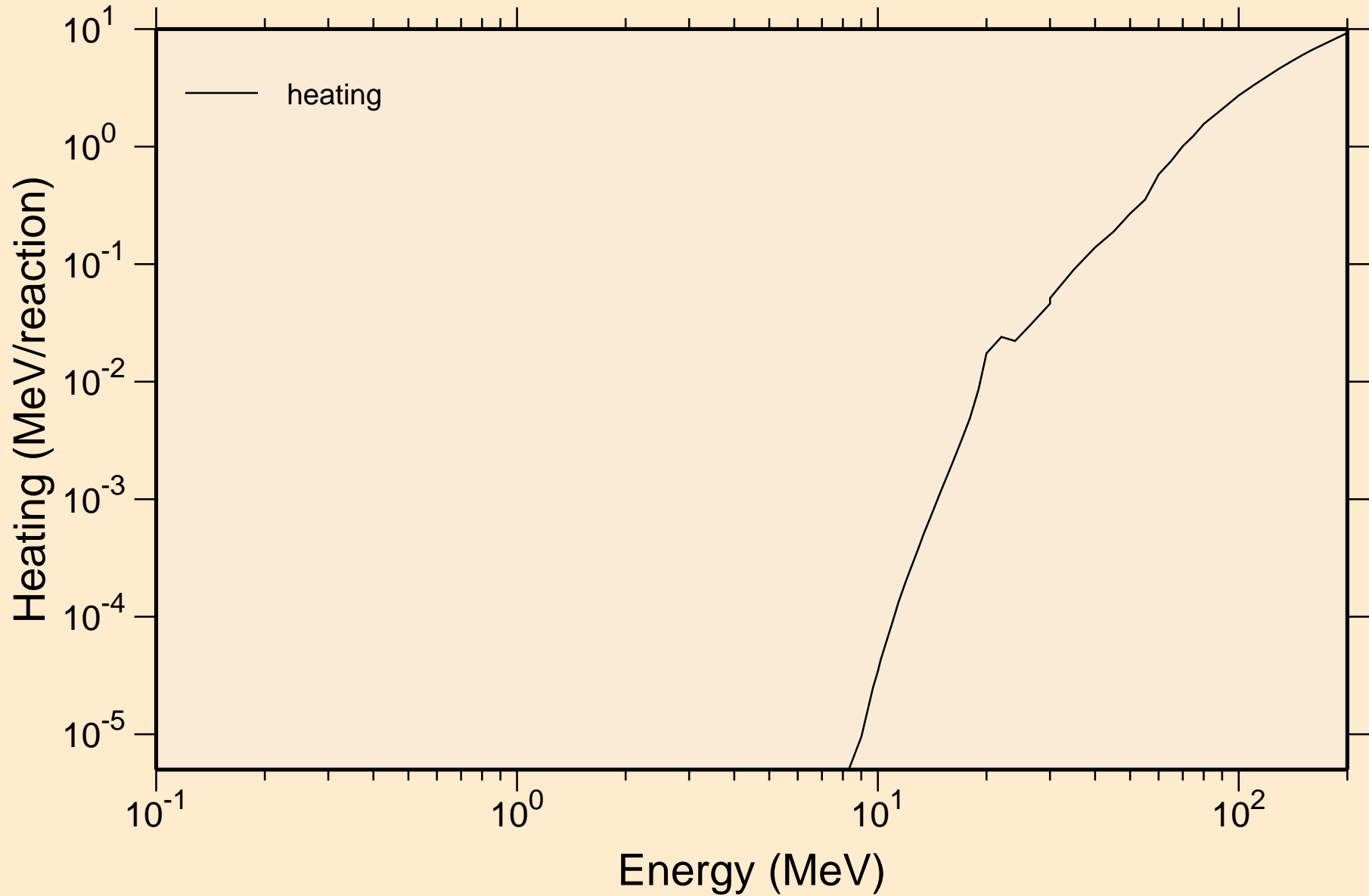
# HG209 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



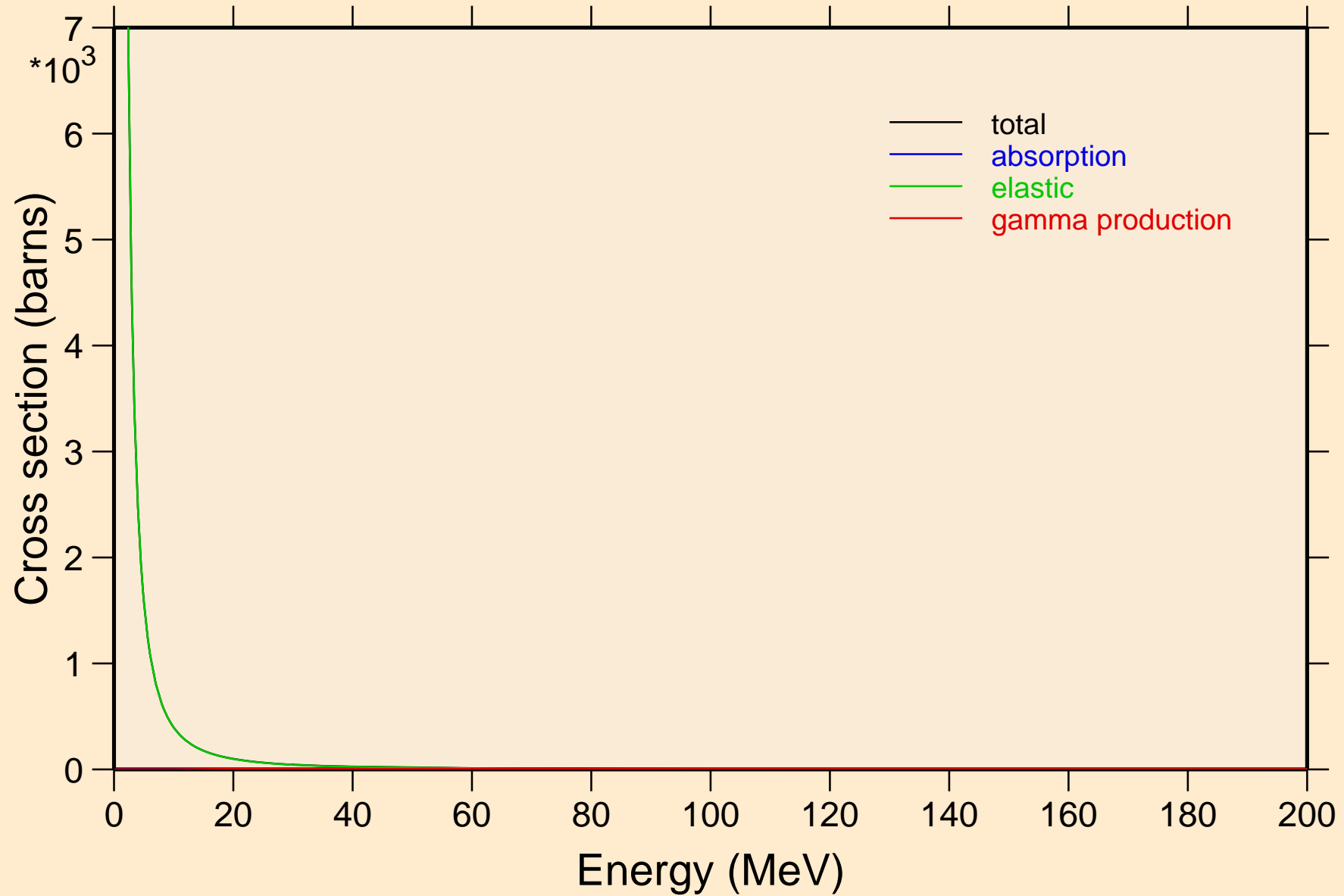
# HG209 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



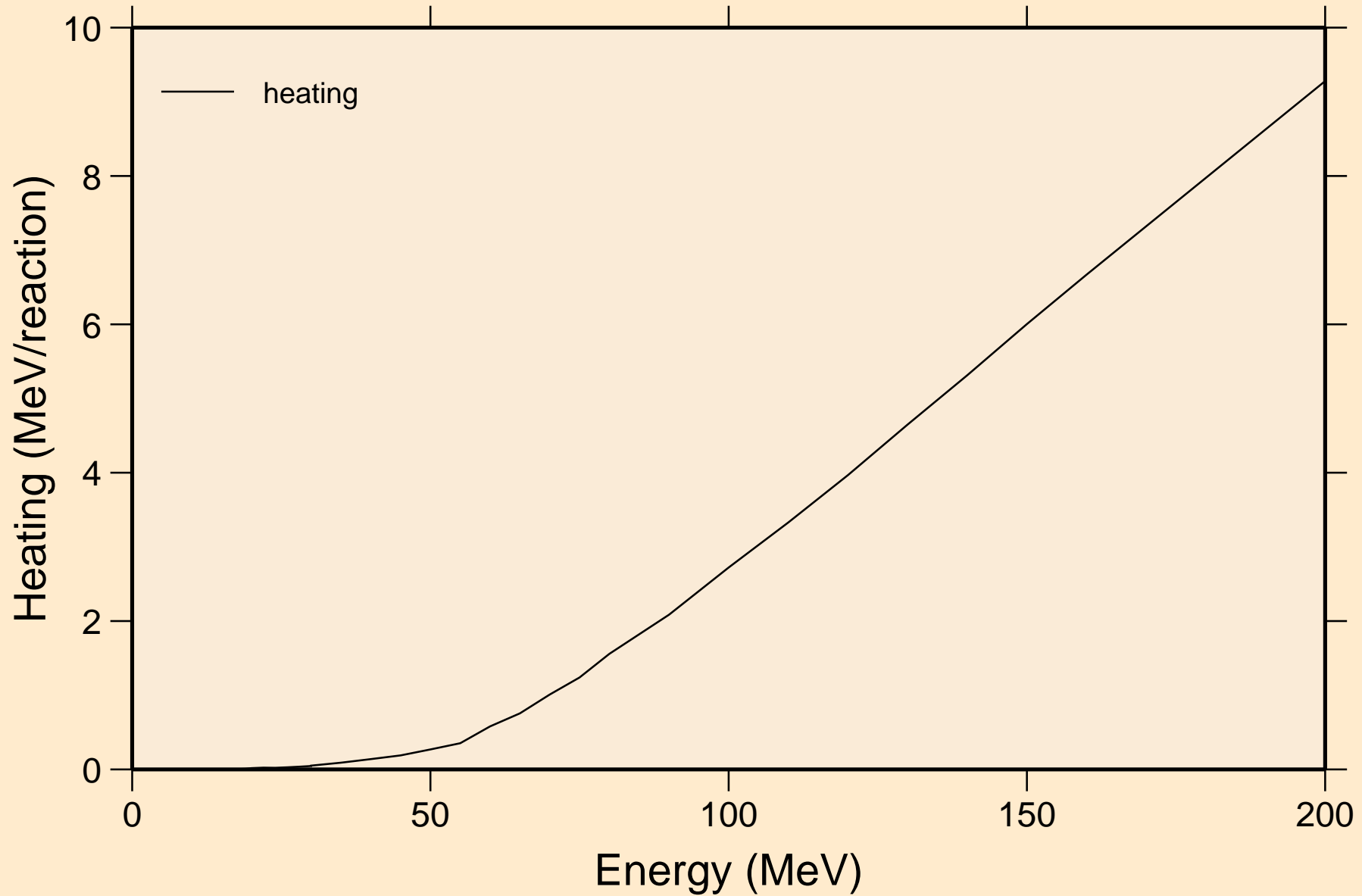
# HG209 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



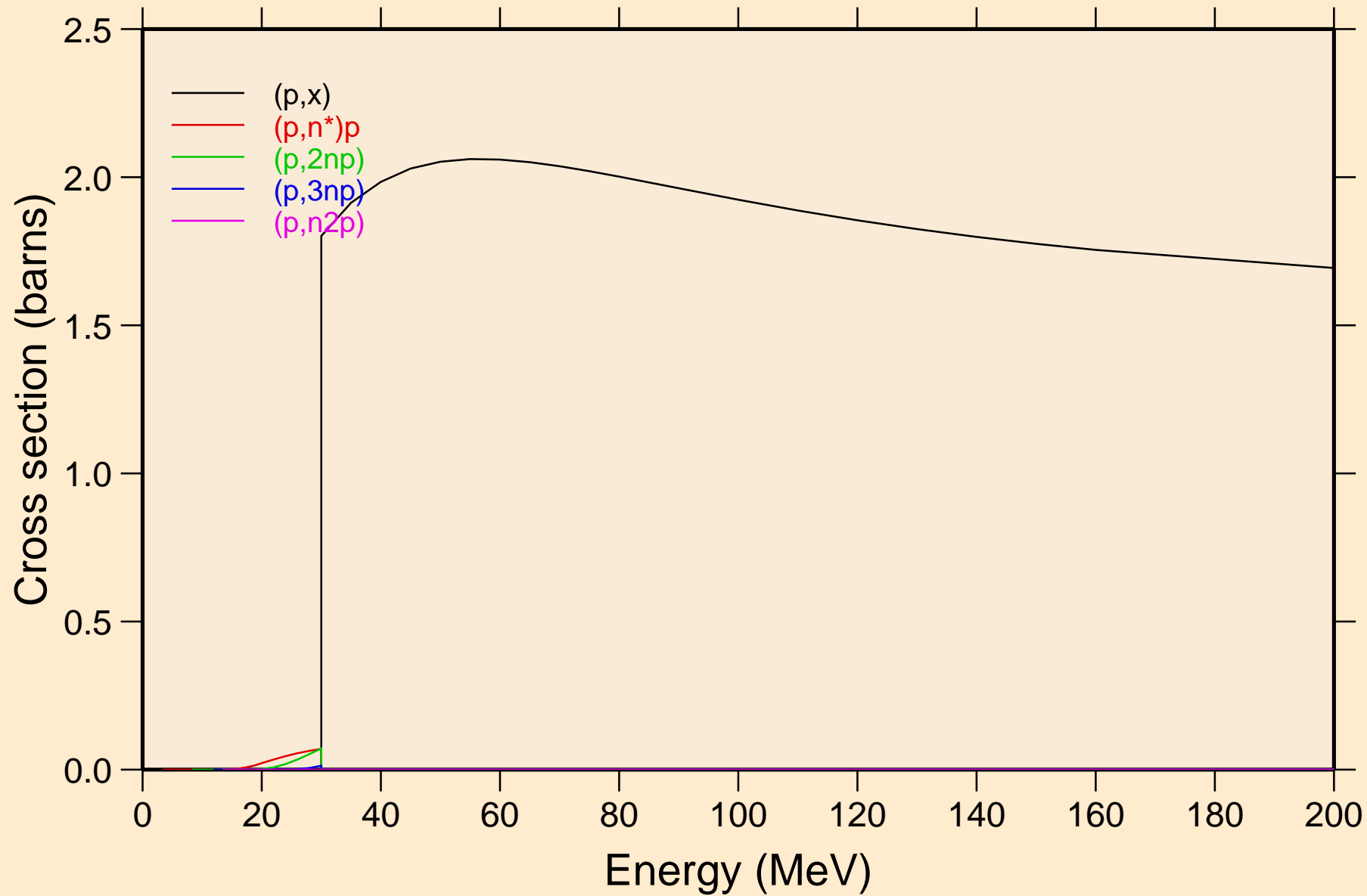
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## Heating



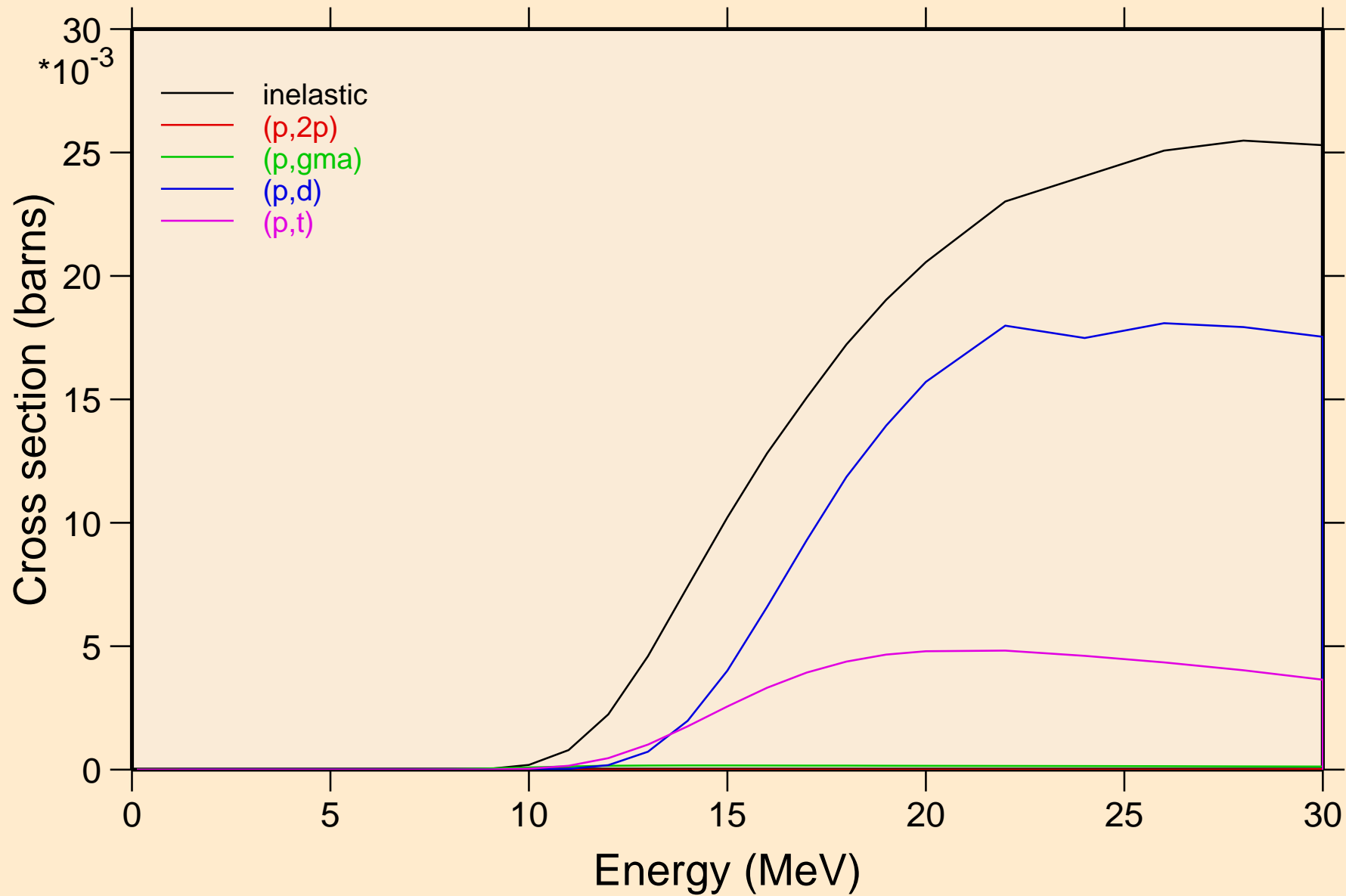
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## Threshold reactions



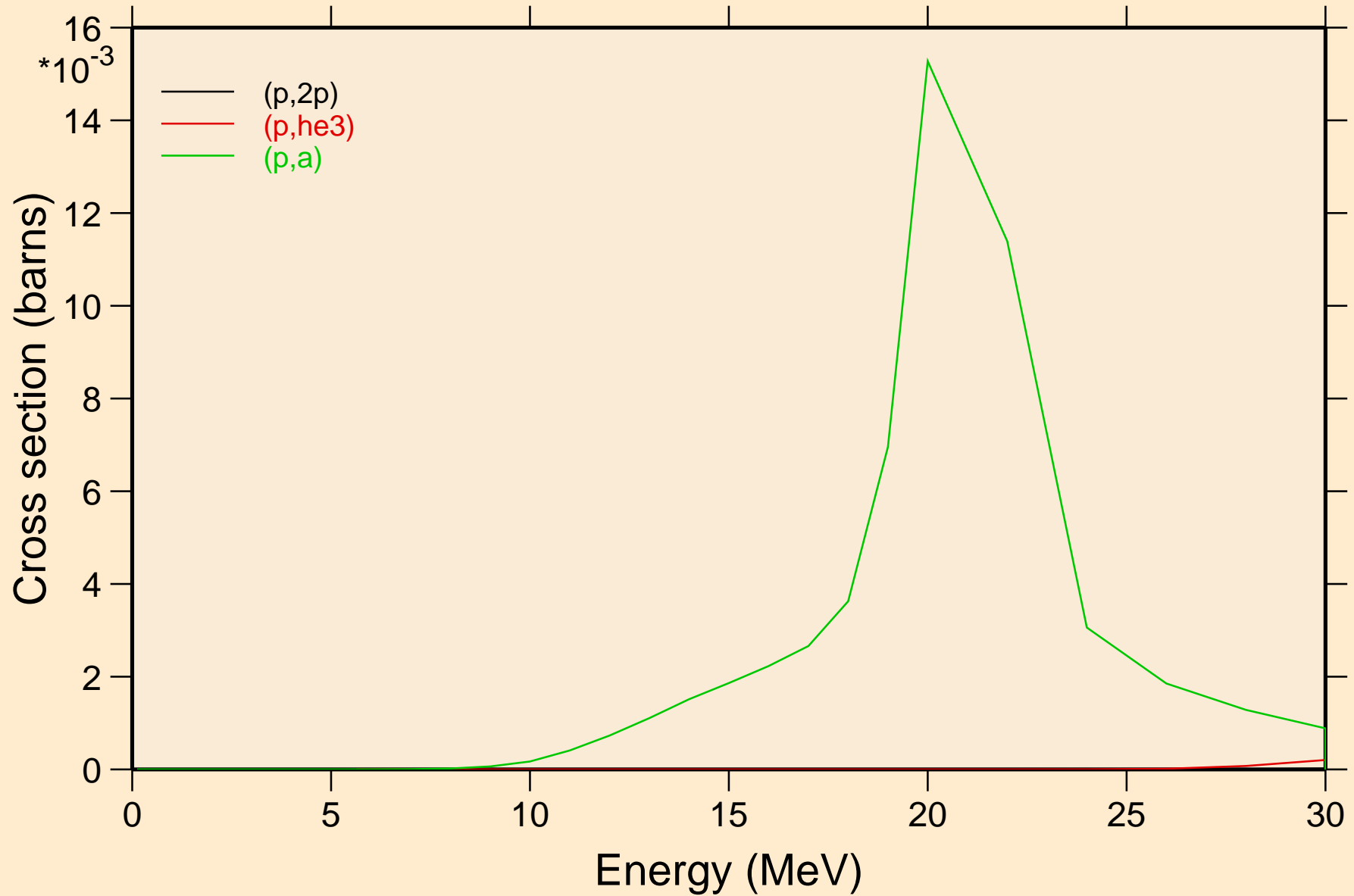
# HG209 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

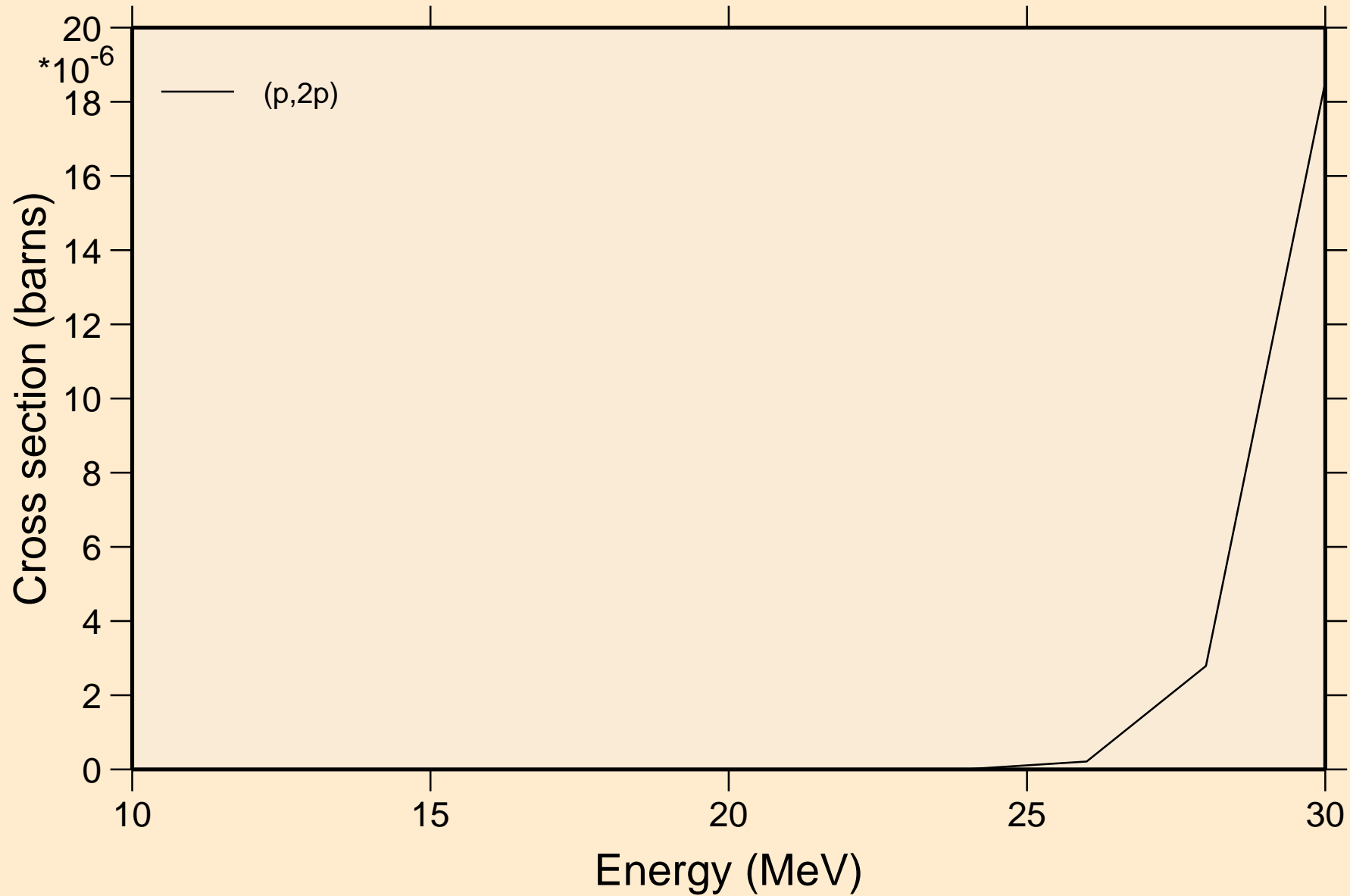


# HG209 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

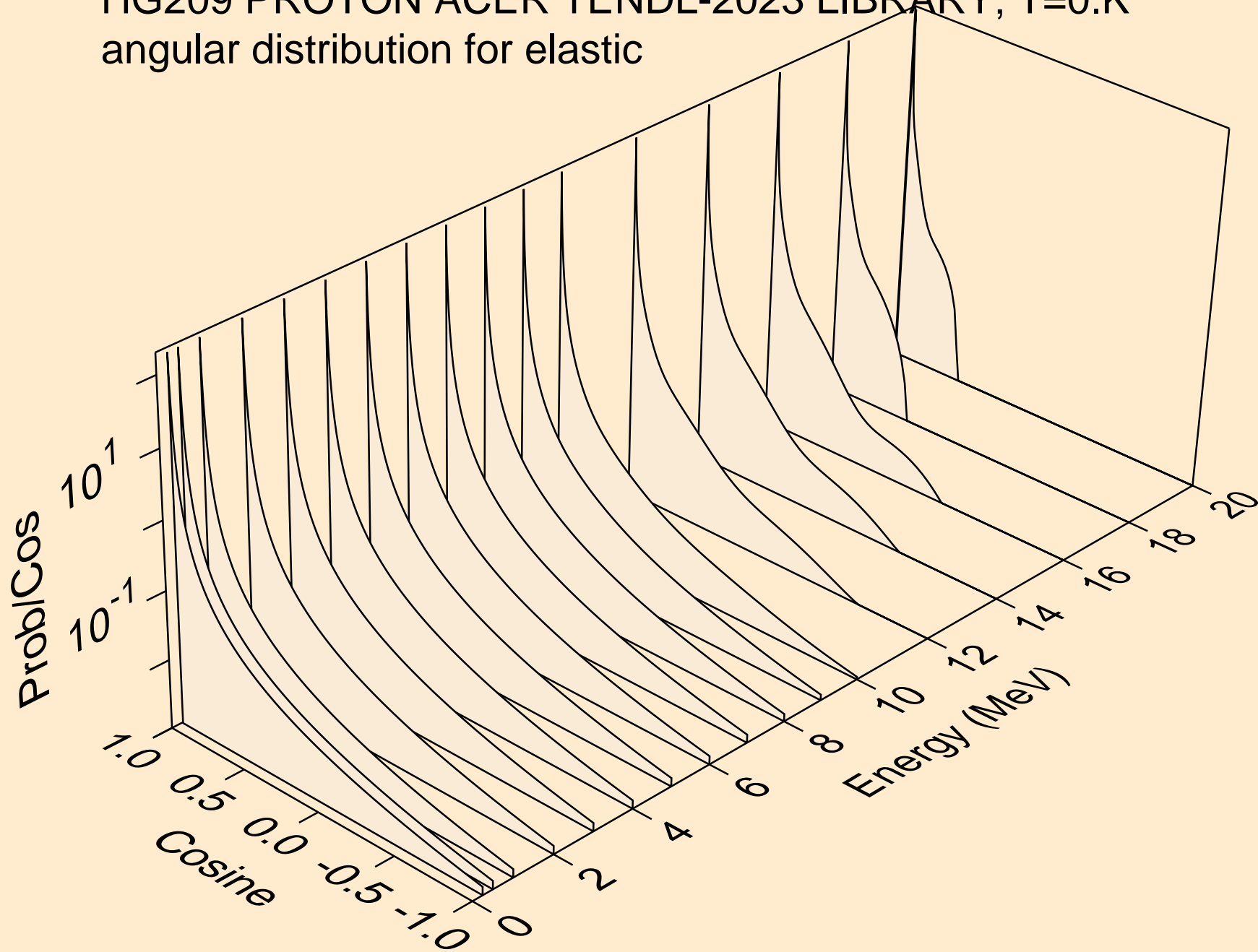


HG209 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

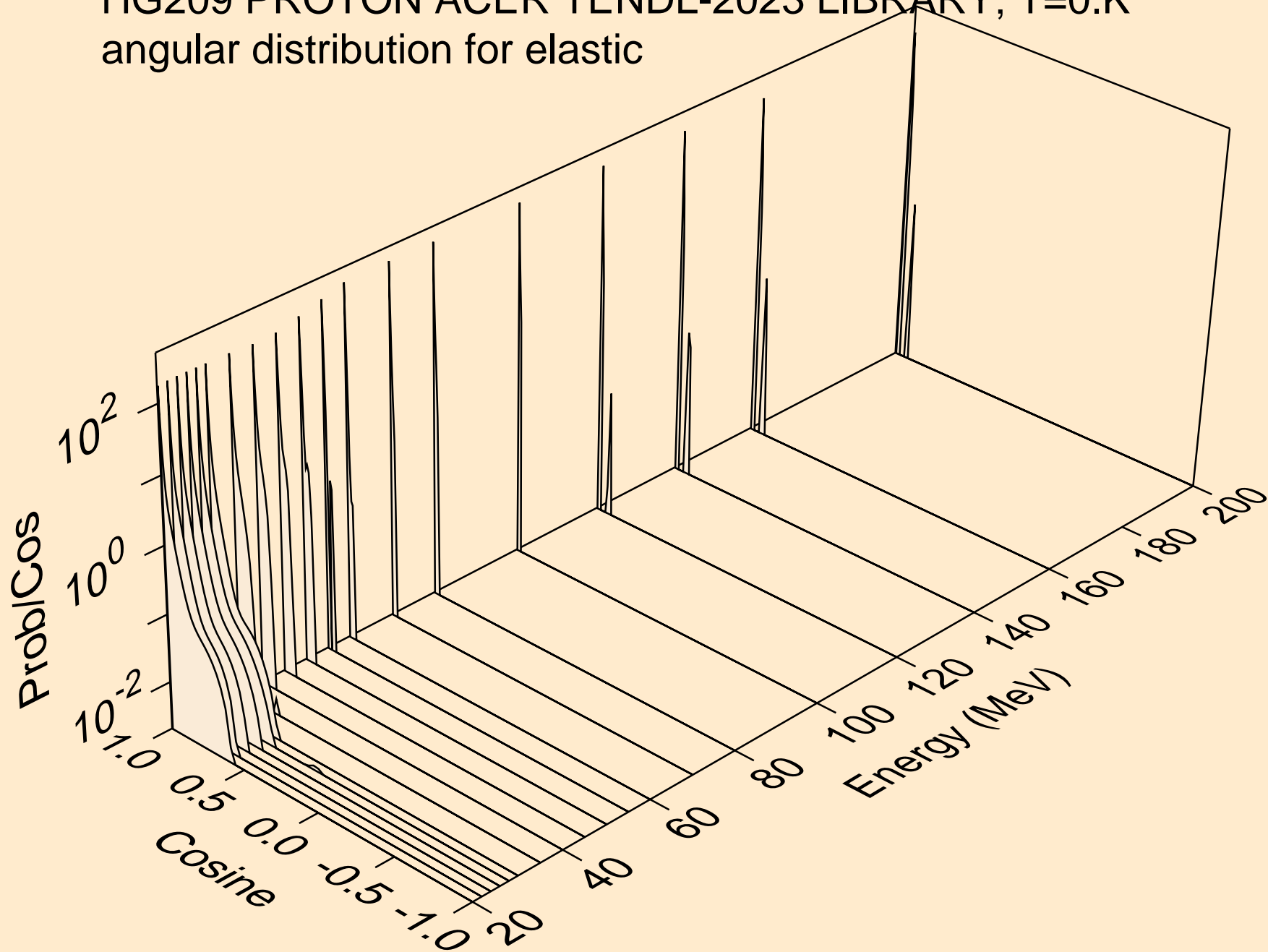




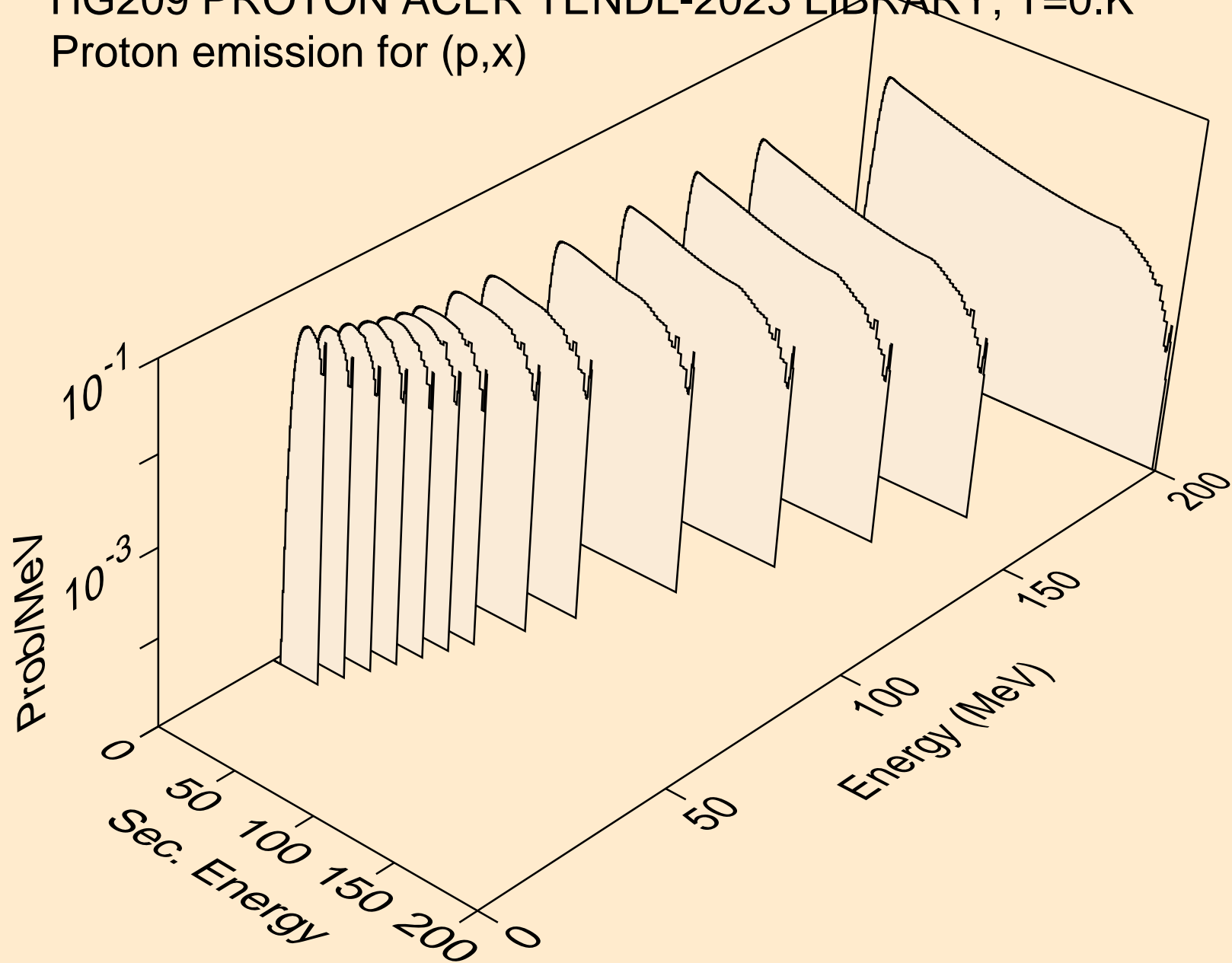
HG209 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



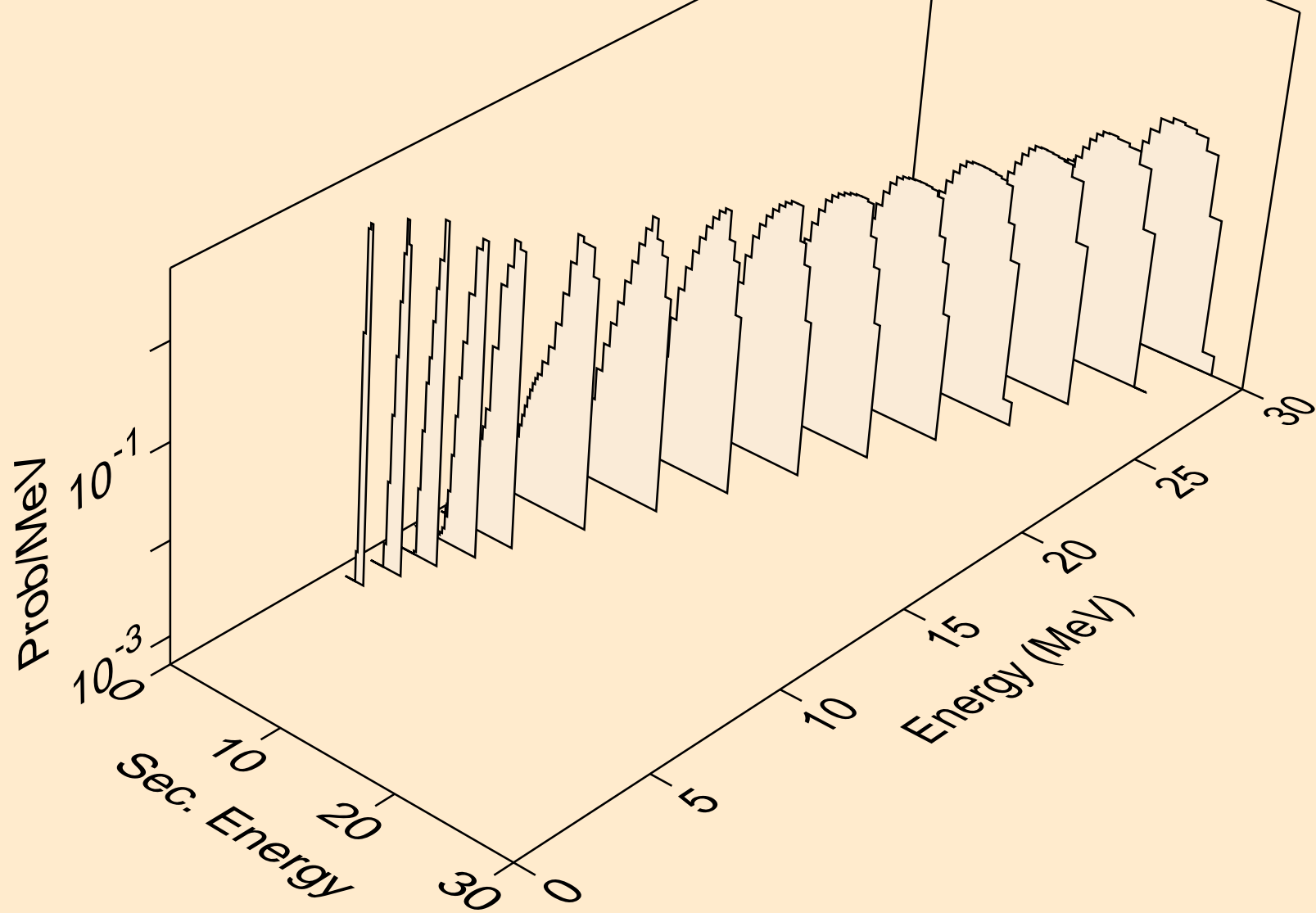
HG209 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



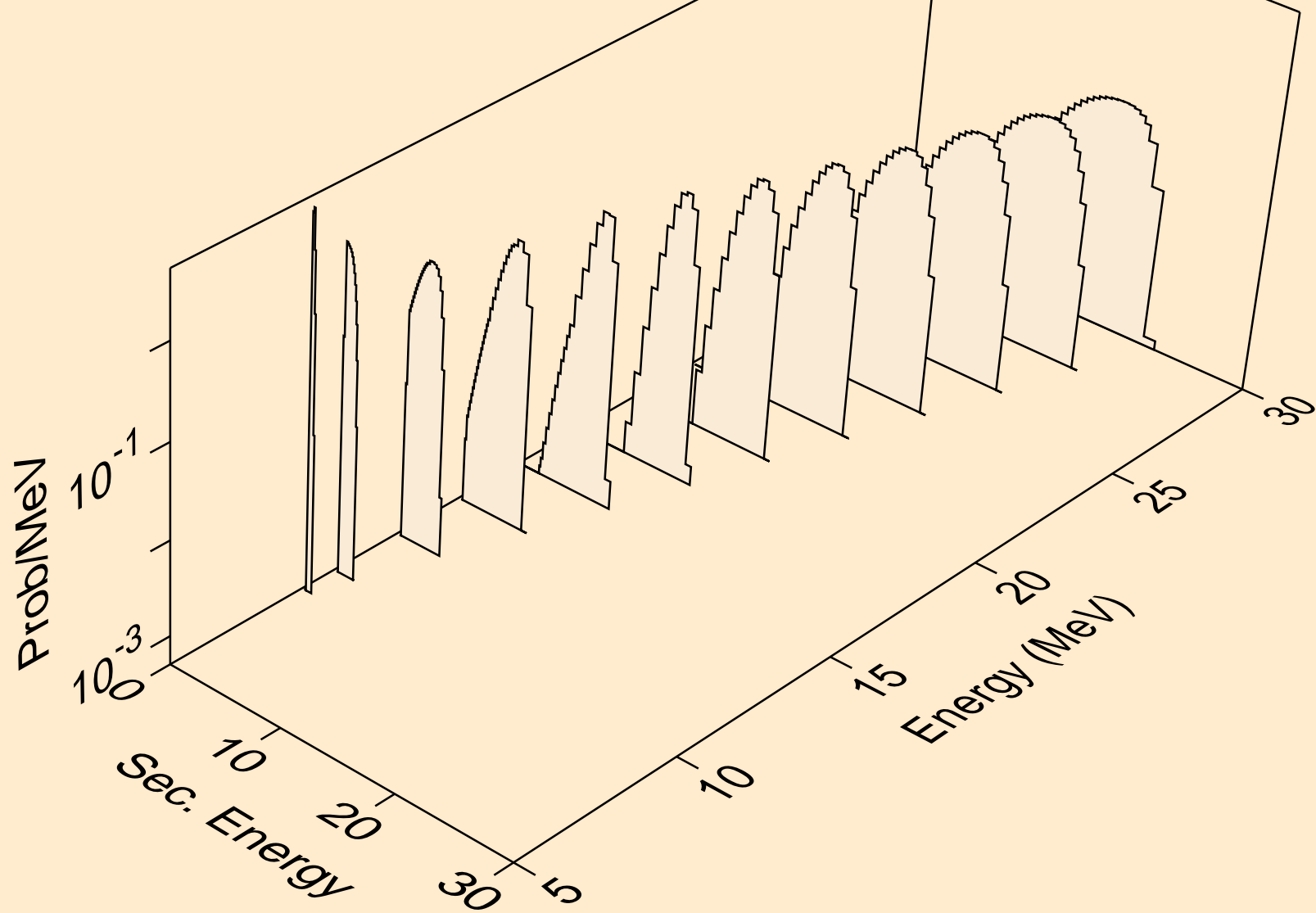
HG209 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



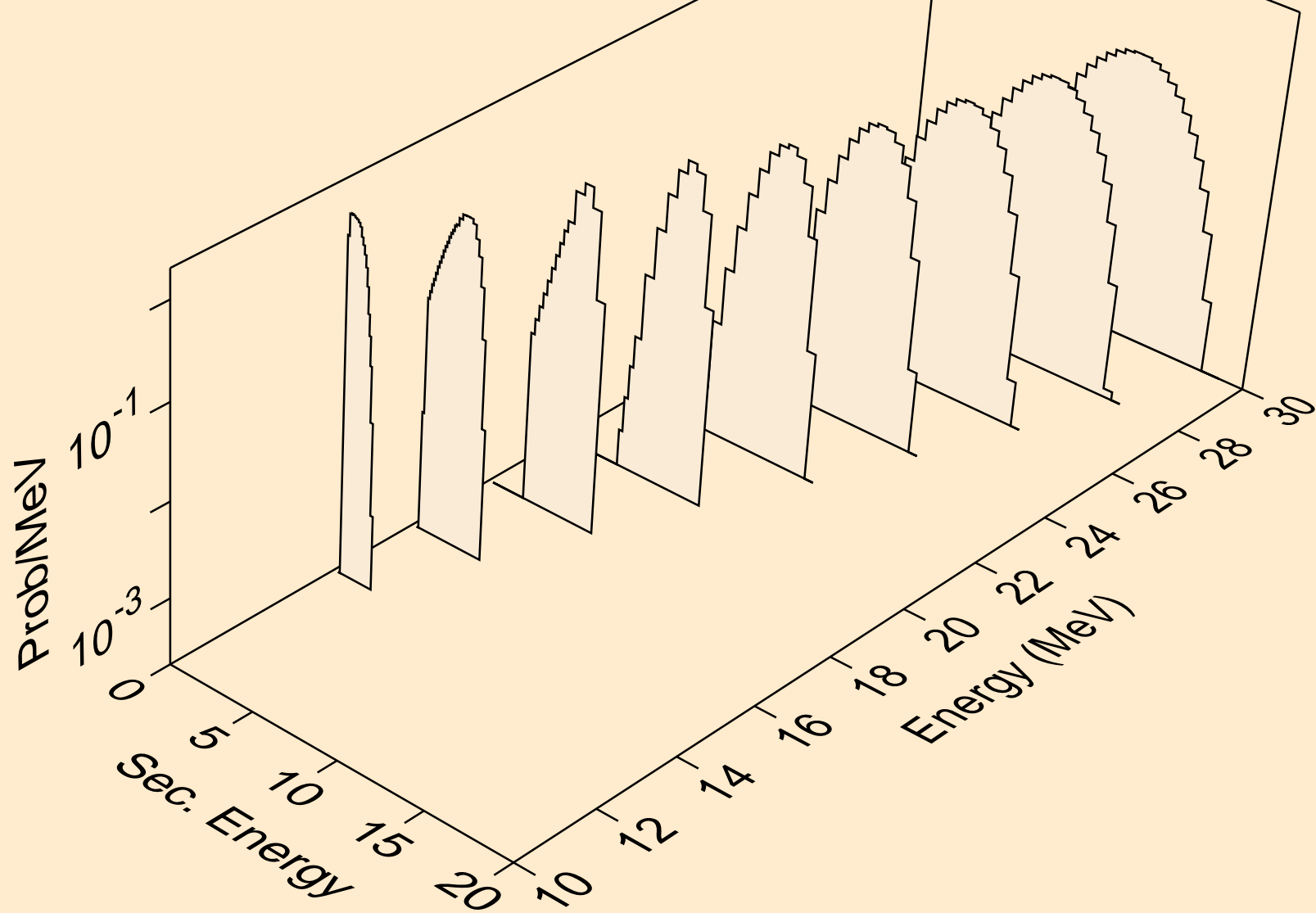
HG209 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



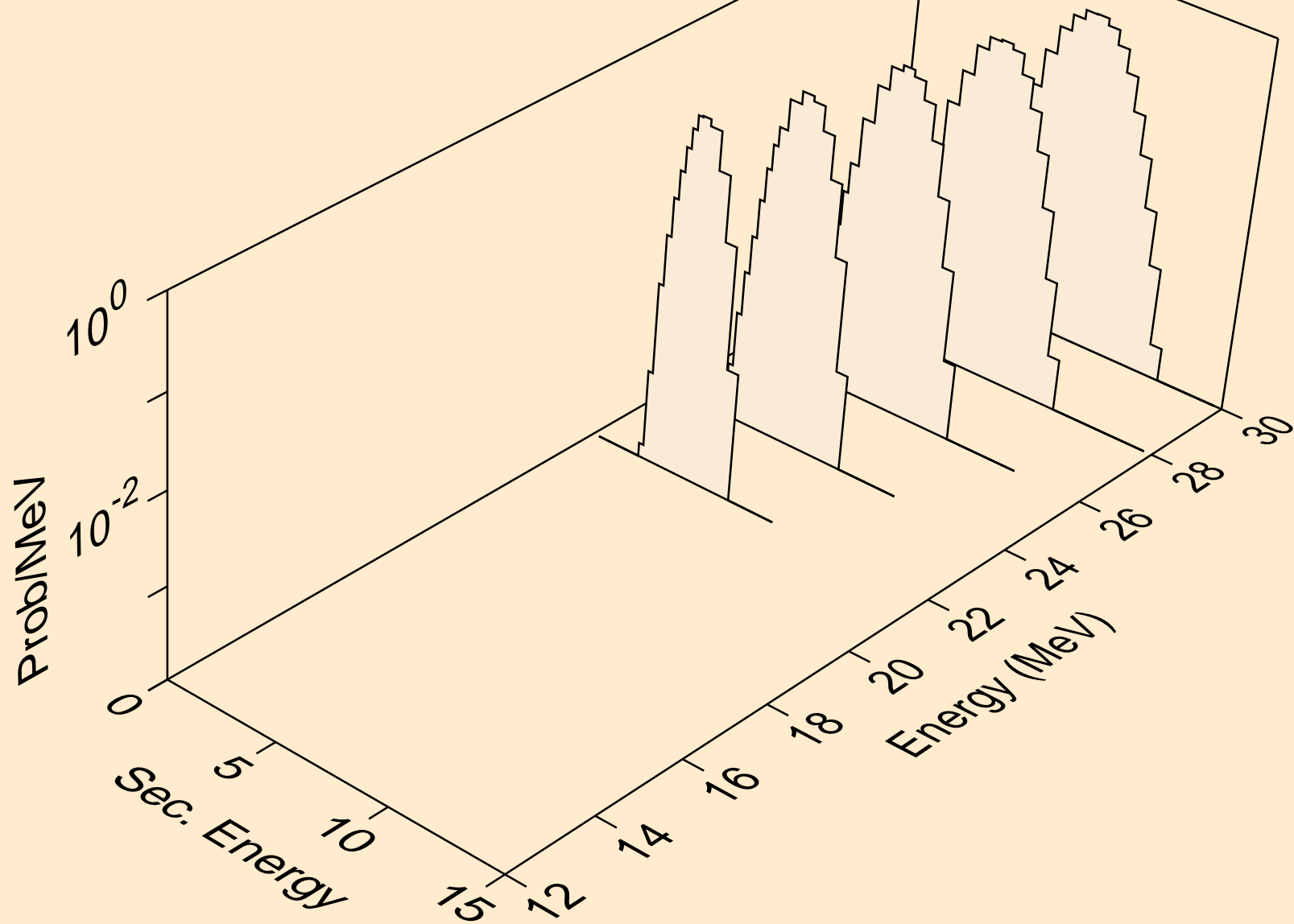
HG209 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



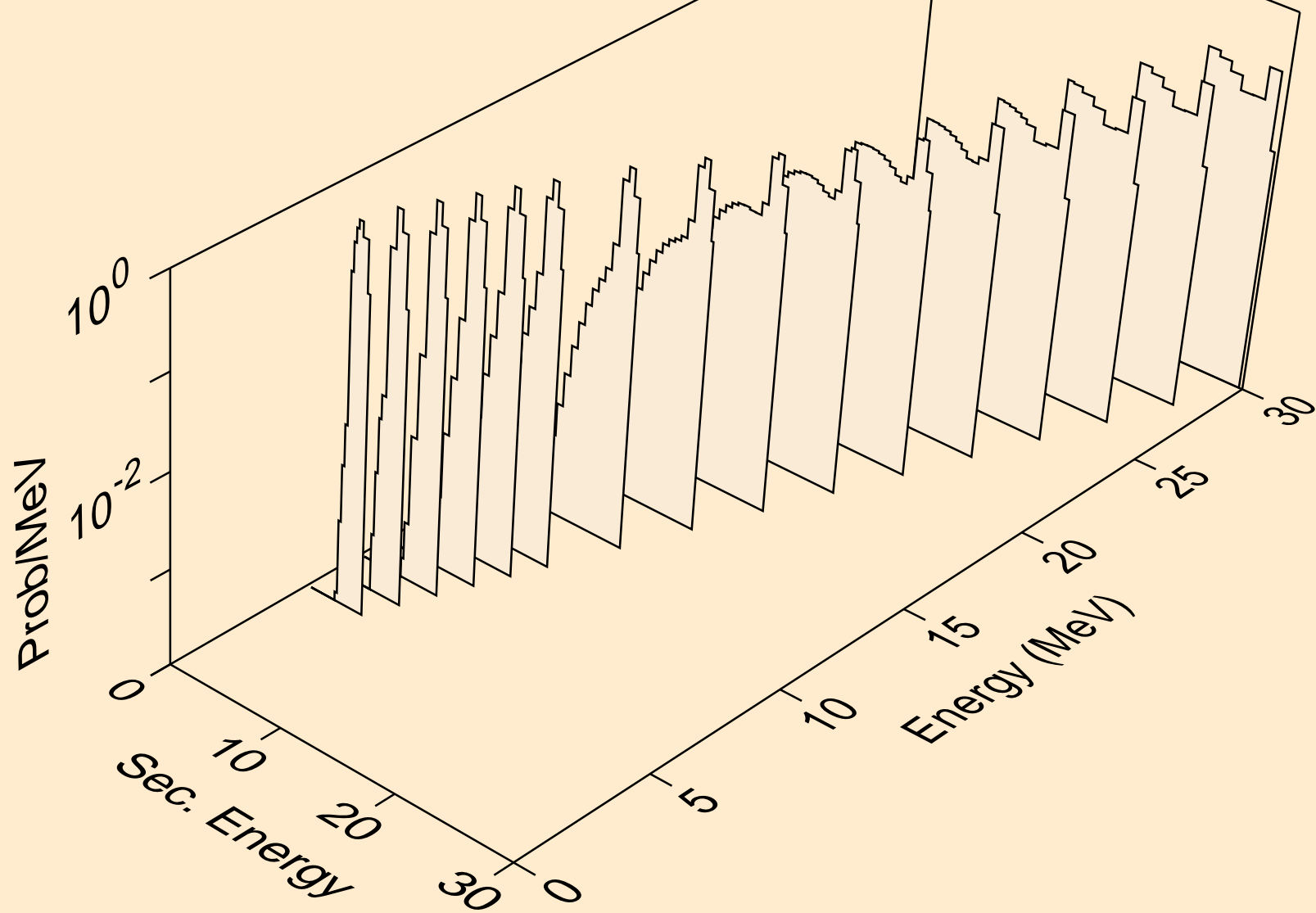
HG209 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,3np)



HG209 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)

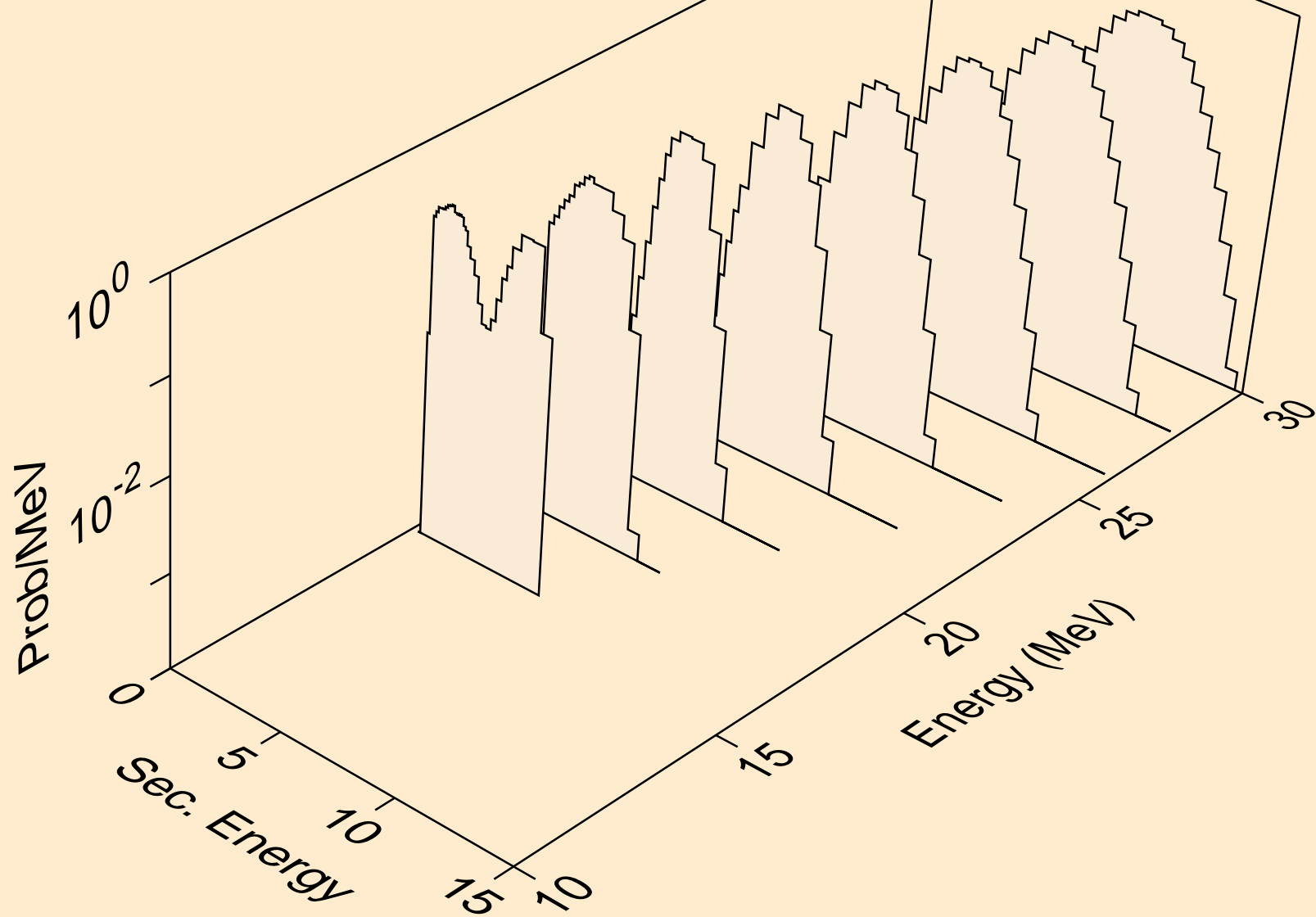


HG209 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic

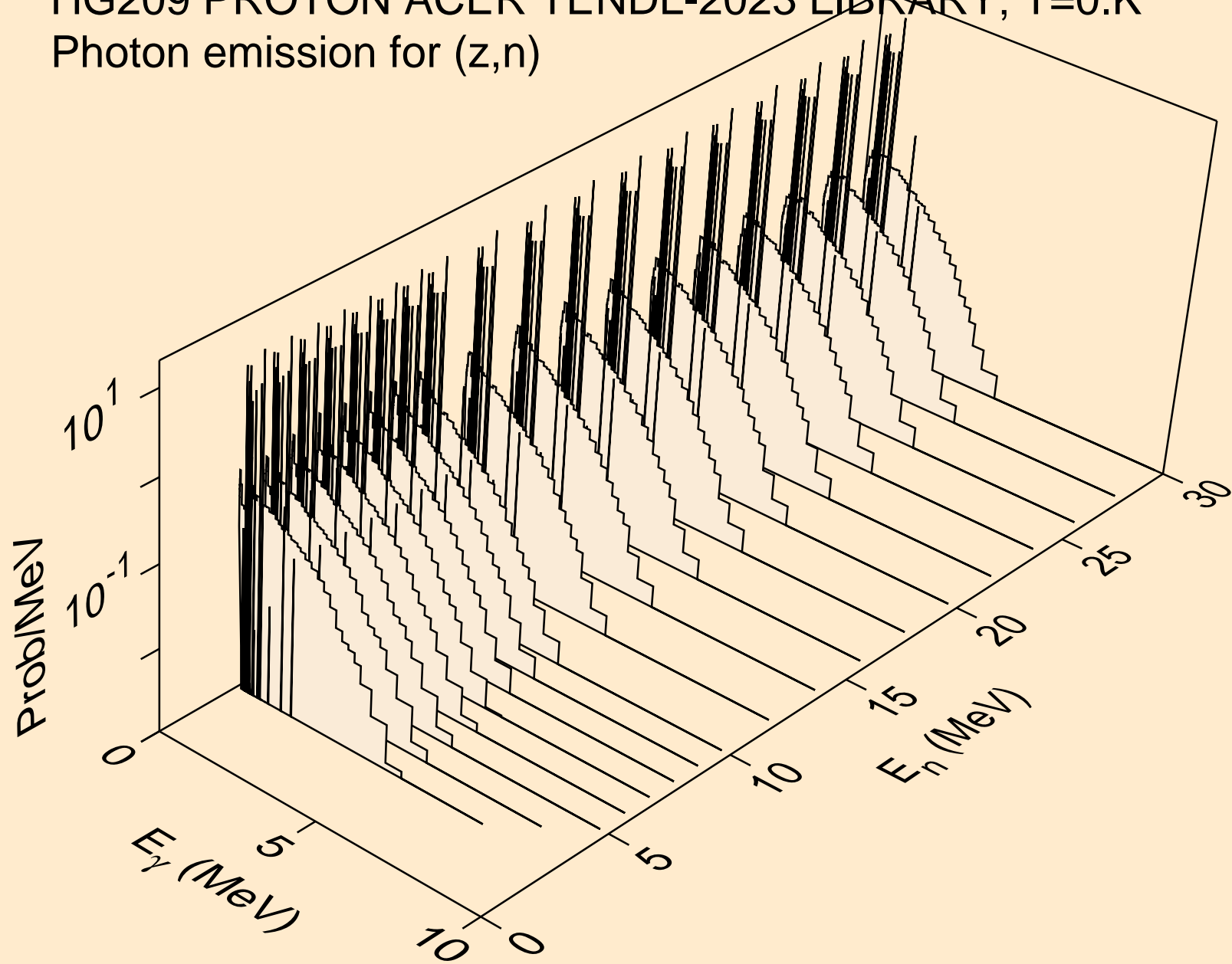




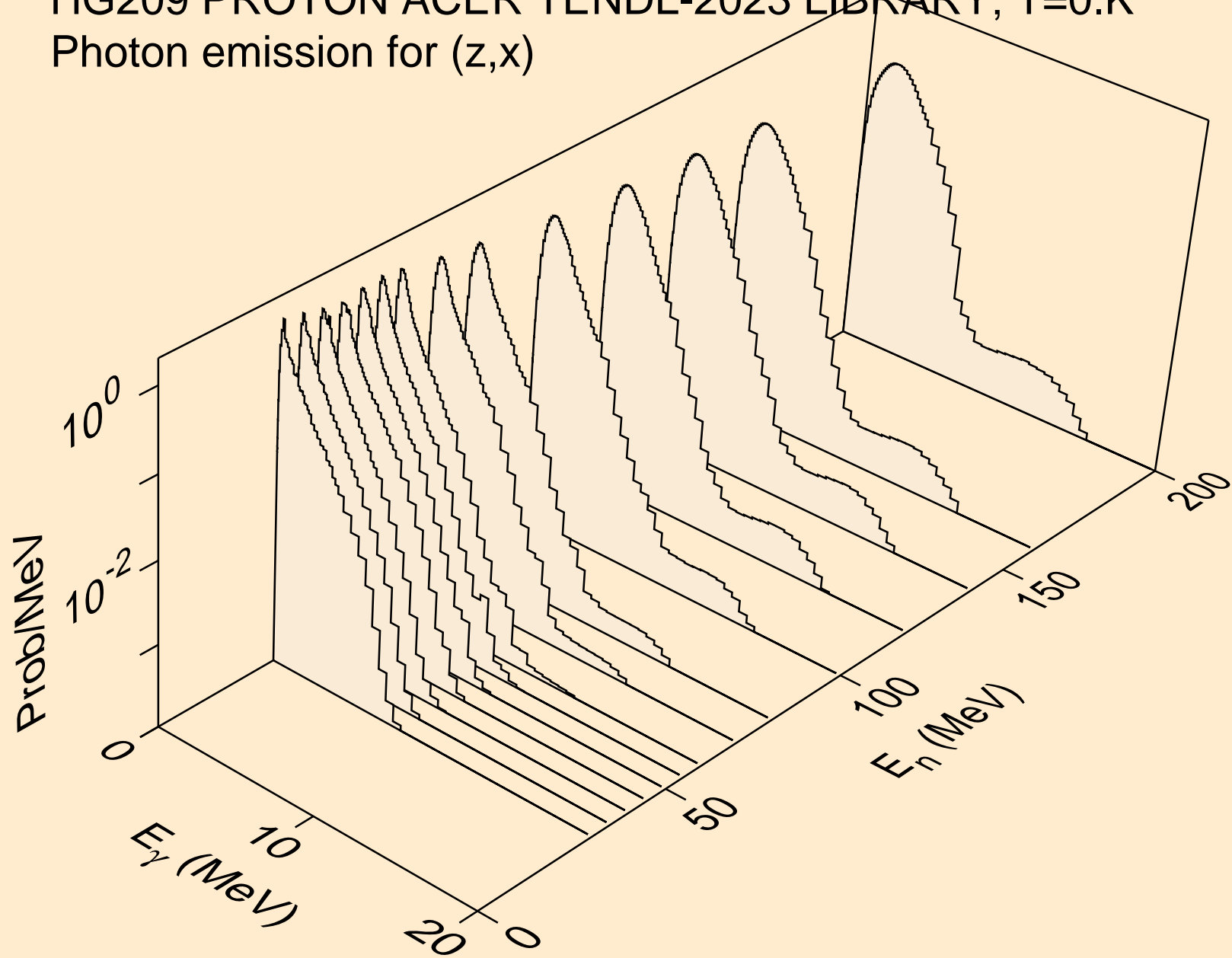
HG209 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)



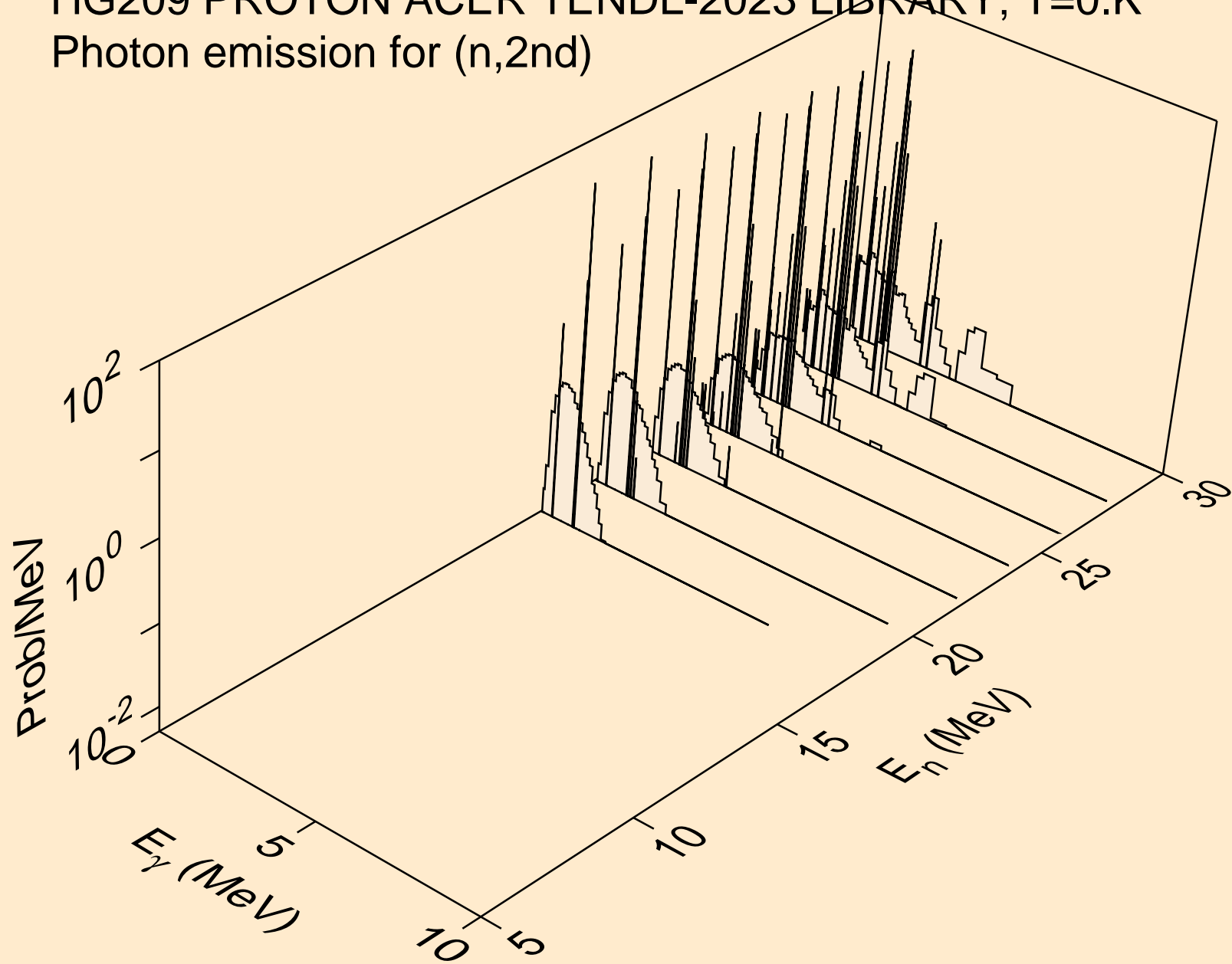
HG209 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



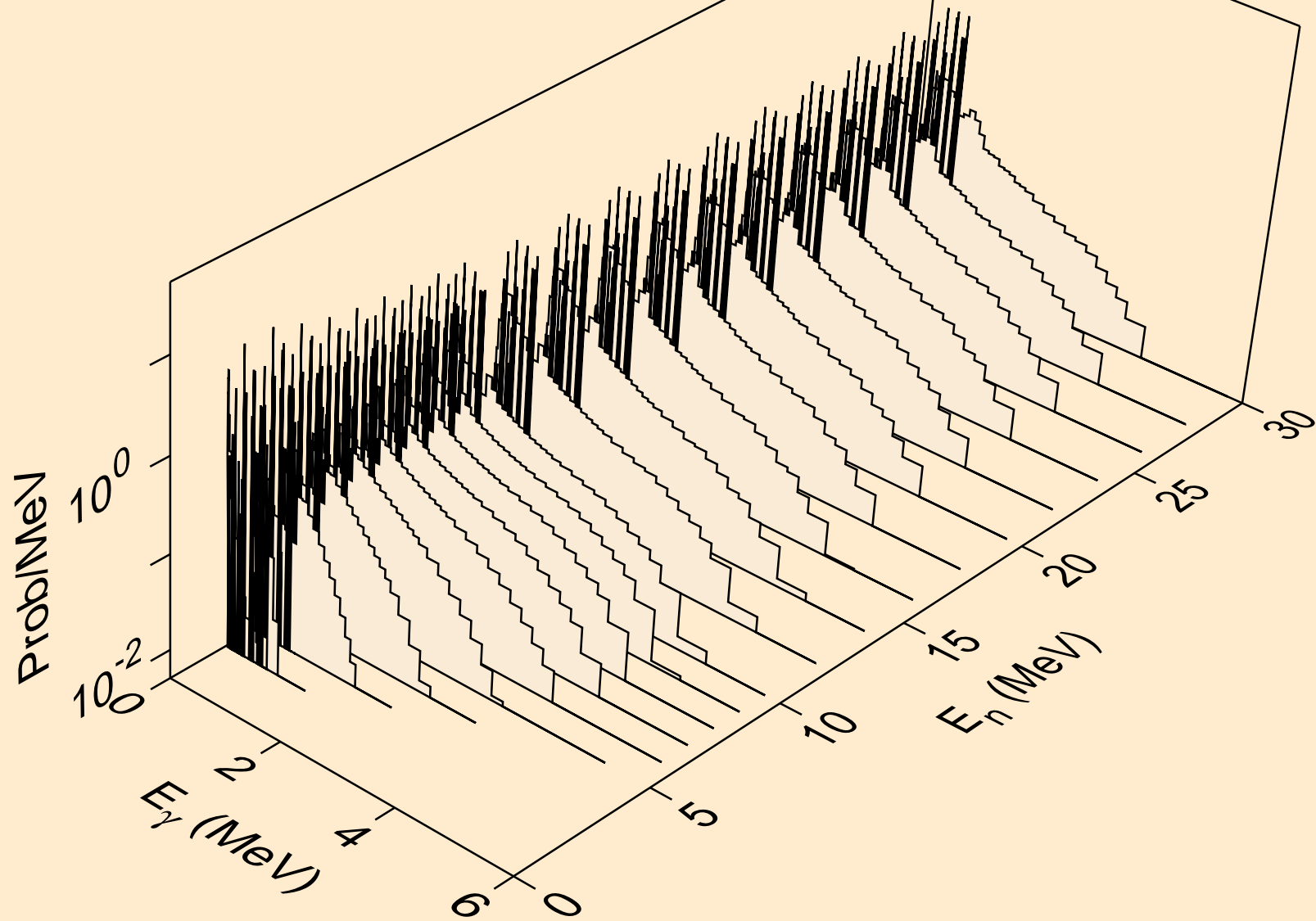
HG209 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



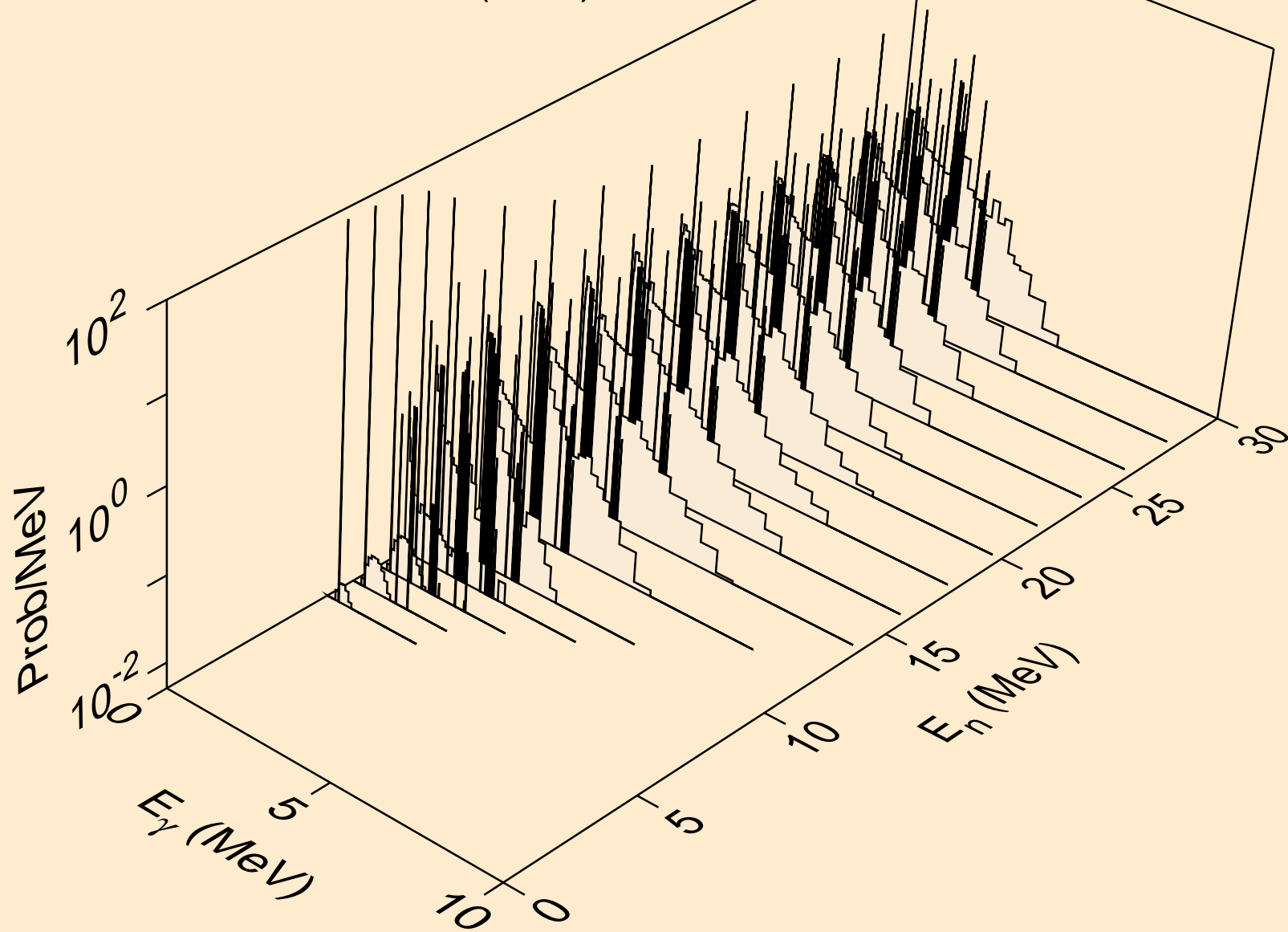
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Photon emission for (n,2nd)



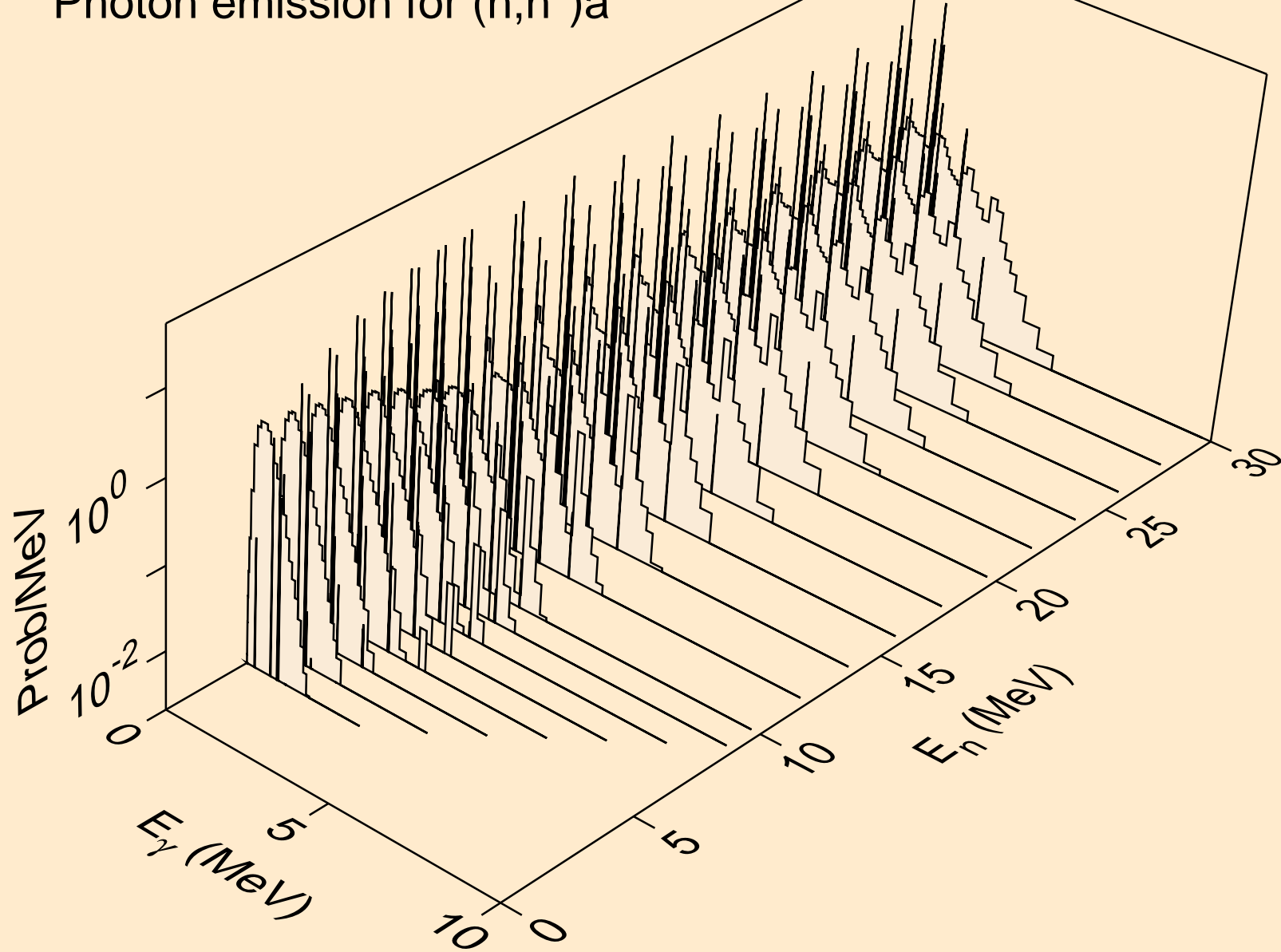
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Photon emission for (n,2n)



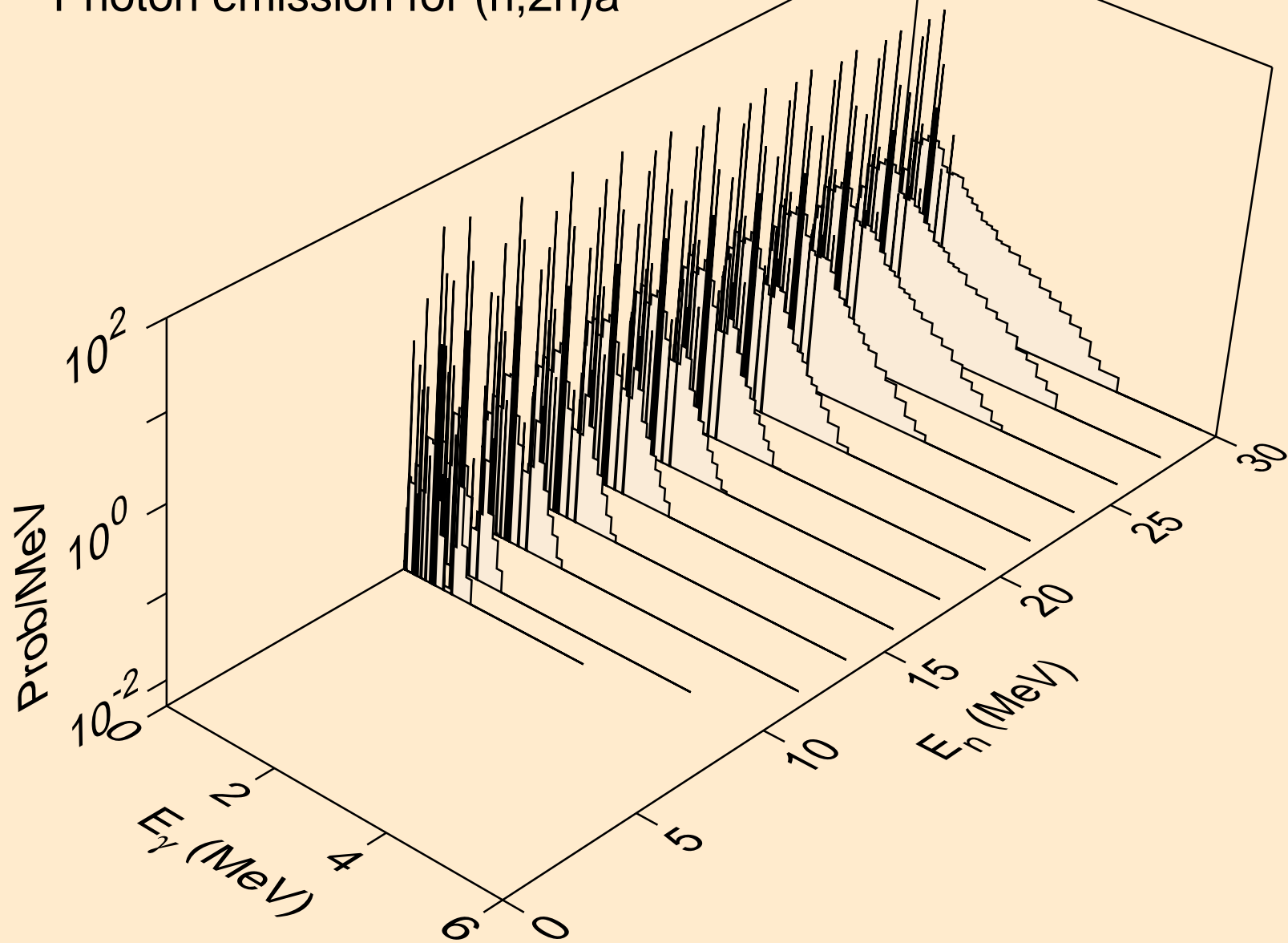
HG209 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



HG209 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

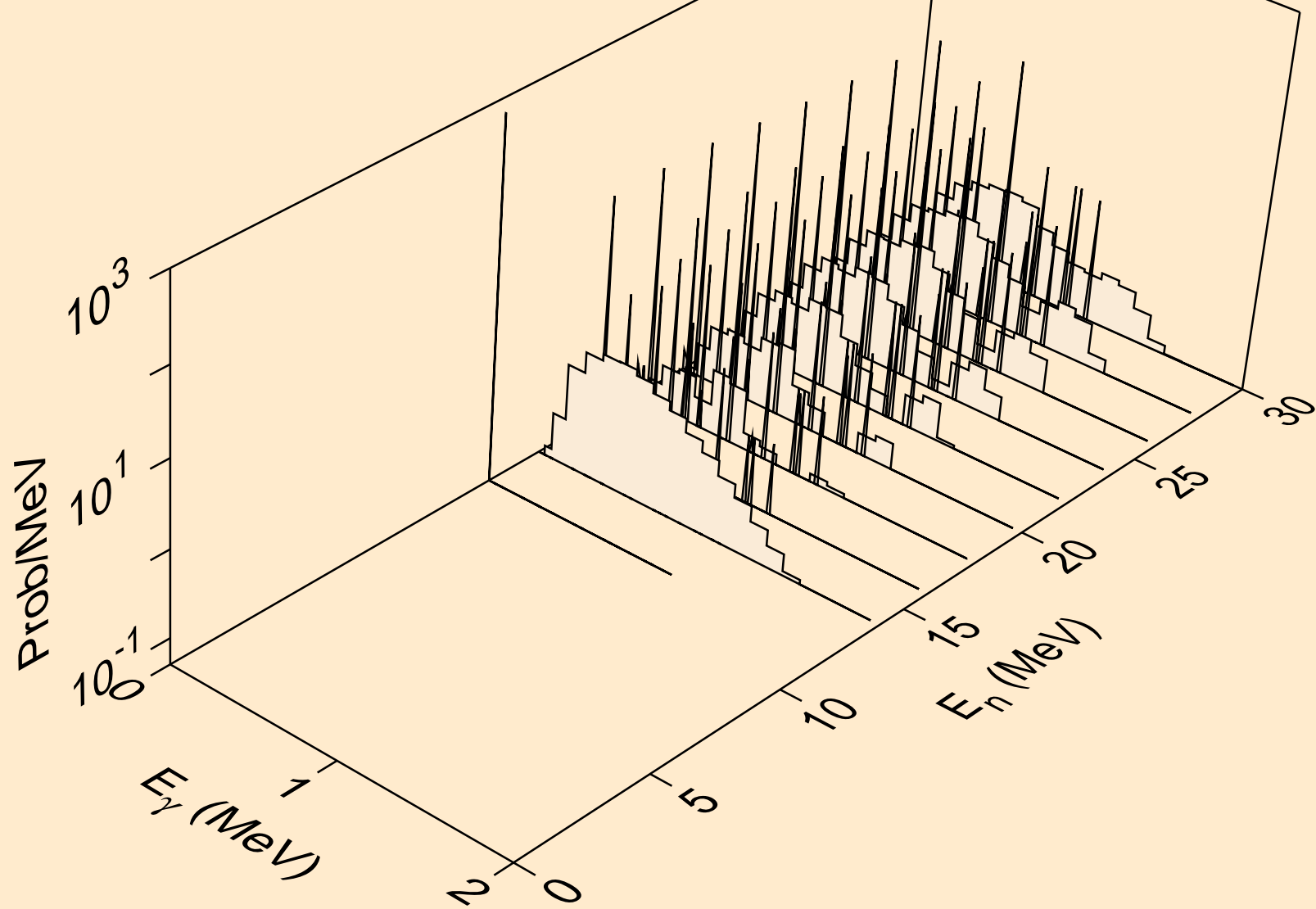


HG209 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

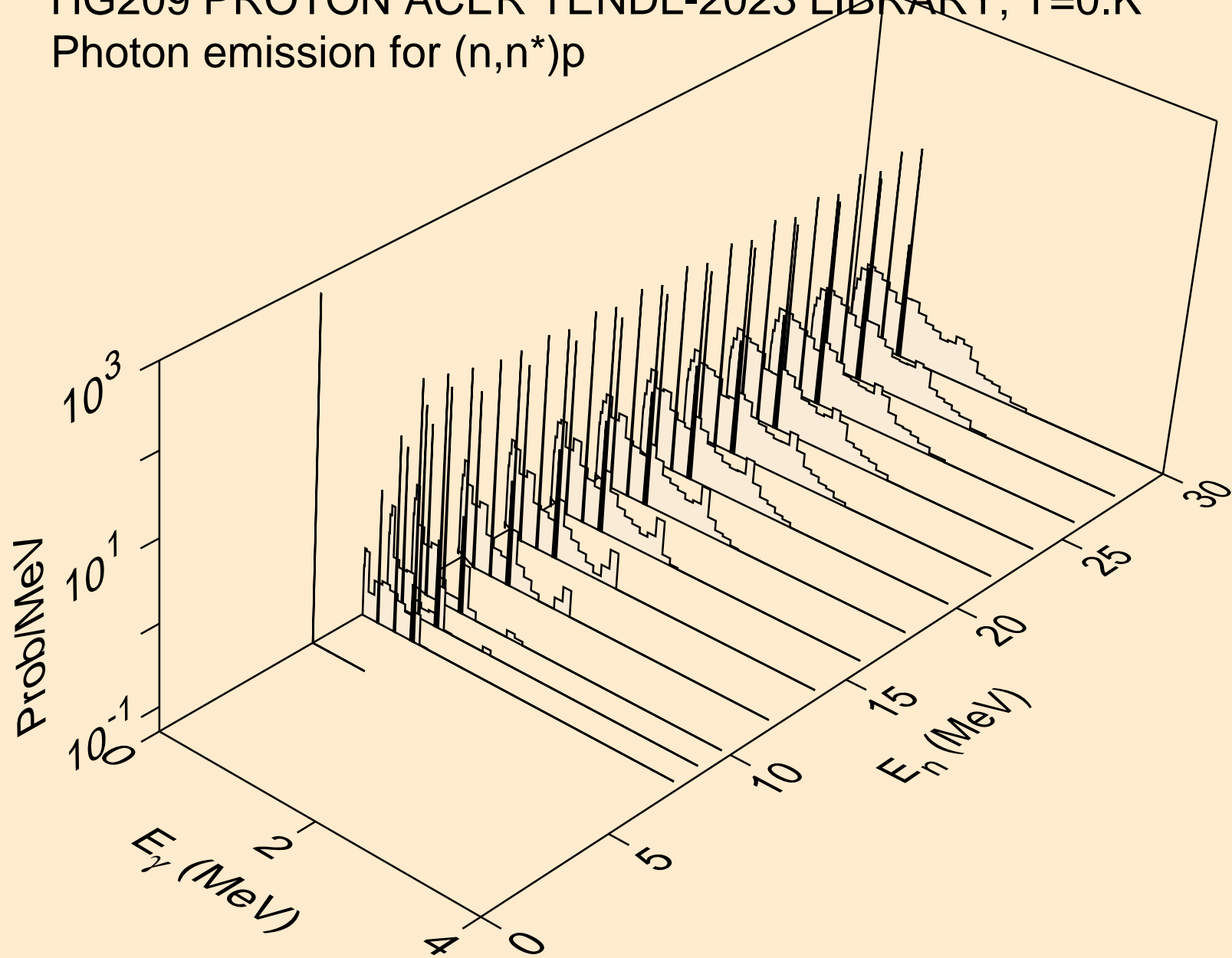




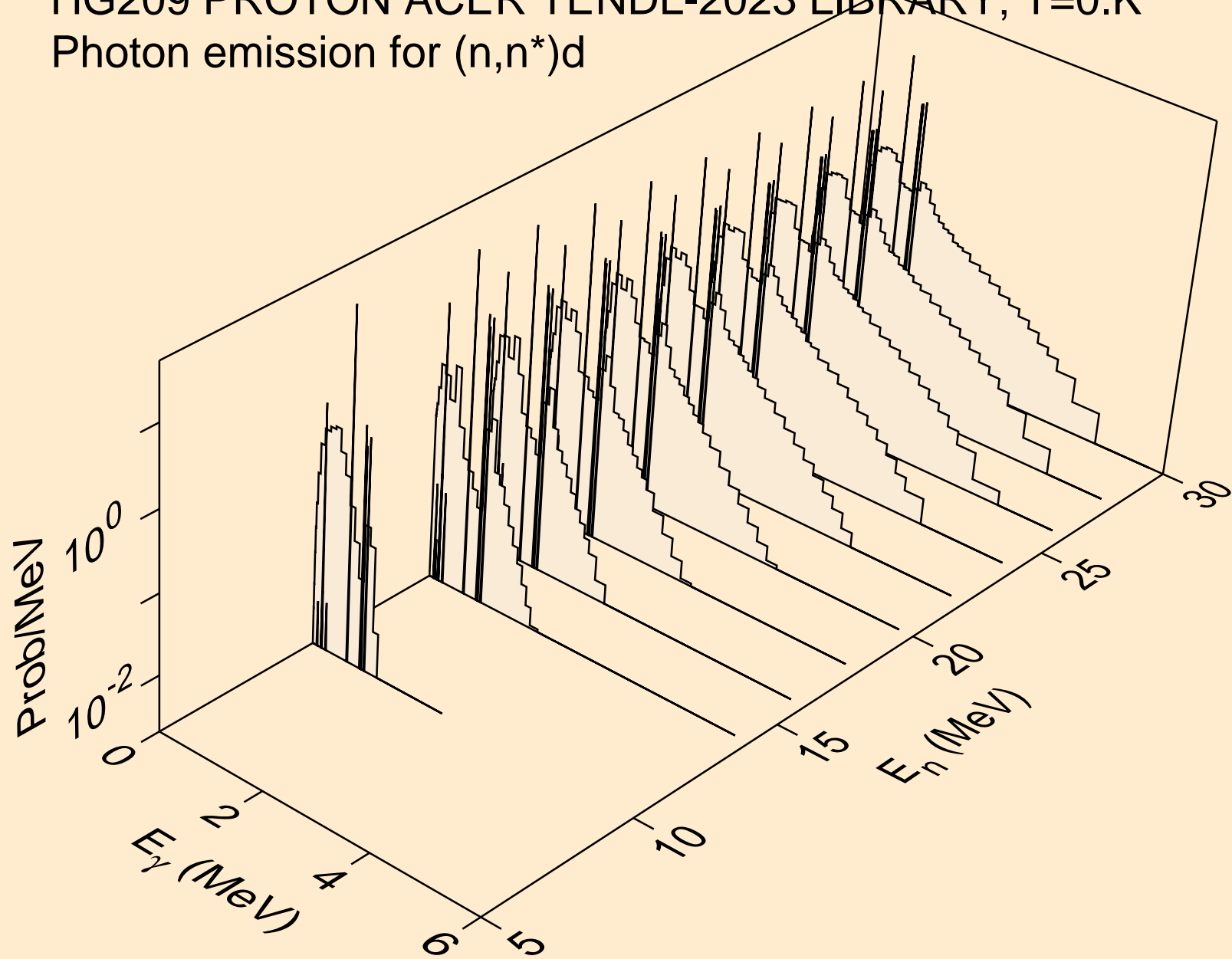
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Photon emission for (n,3n)a



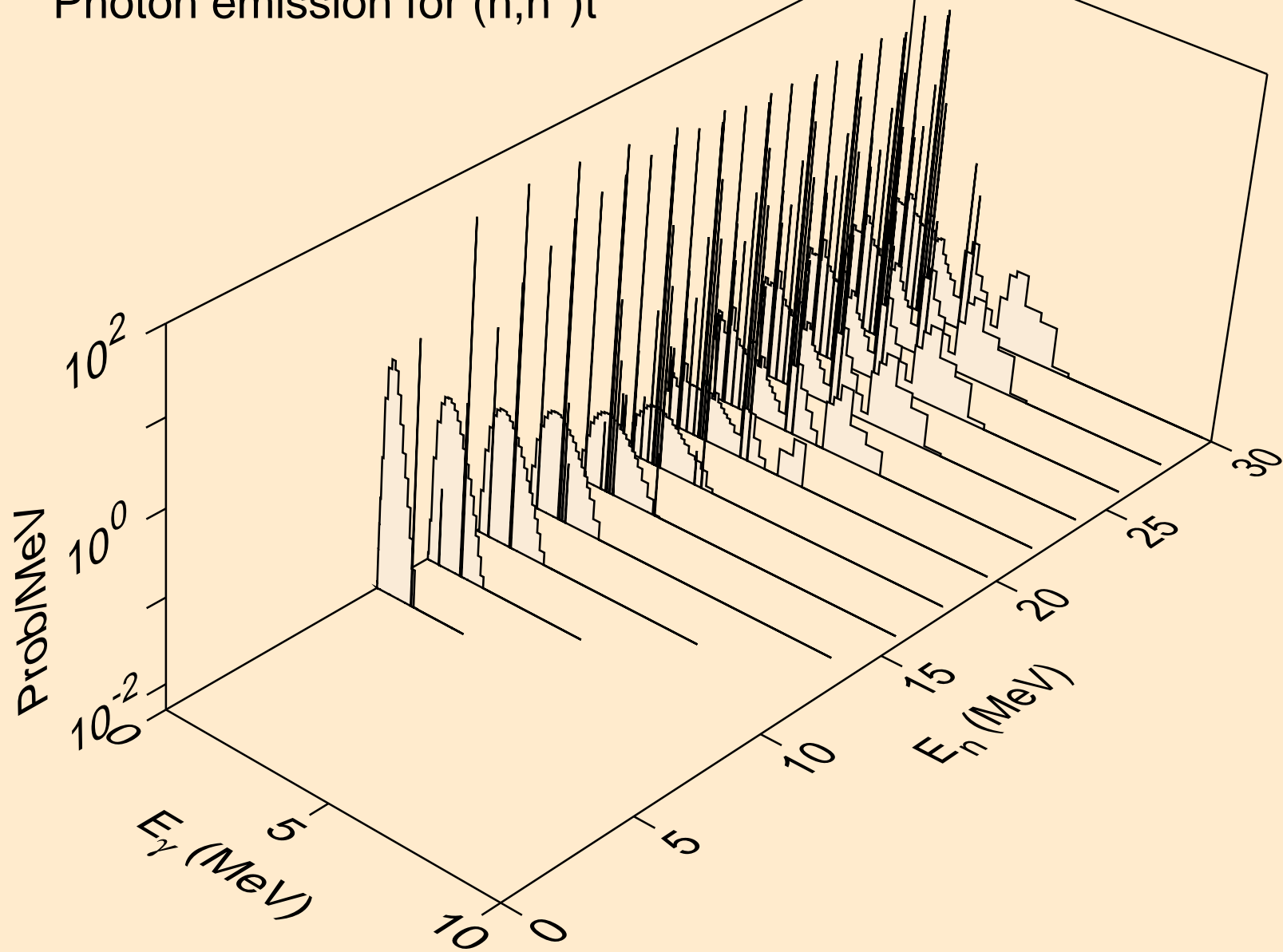
HG209 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



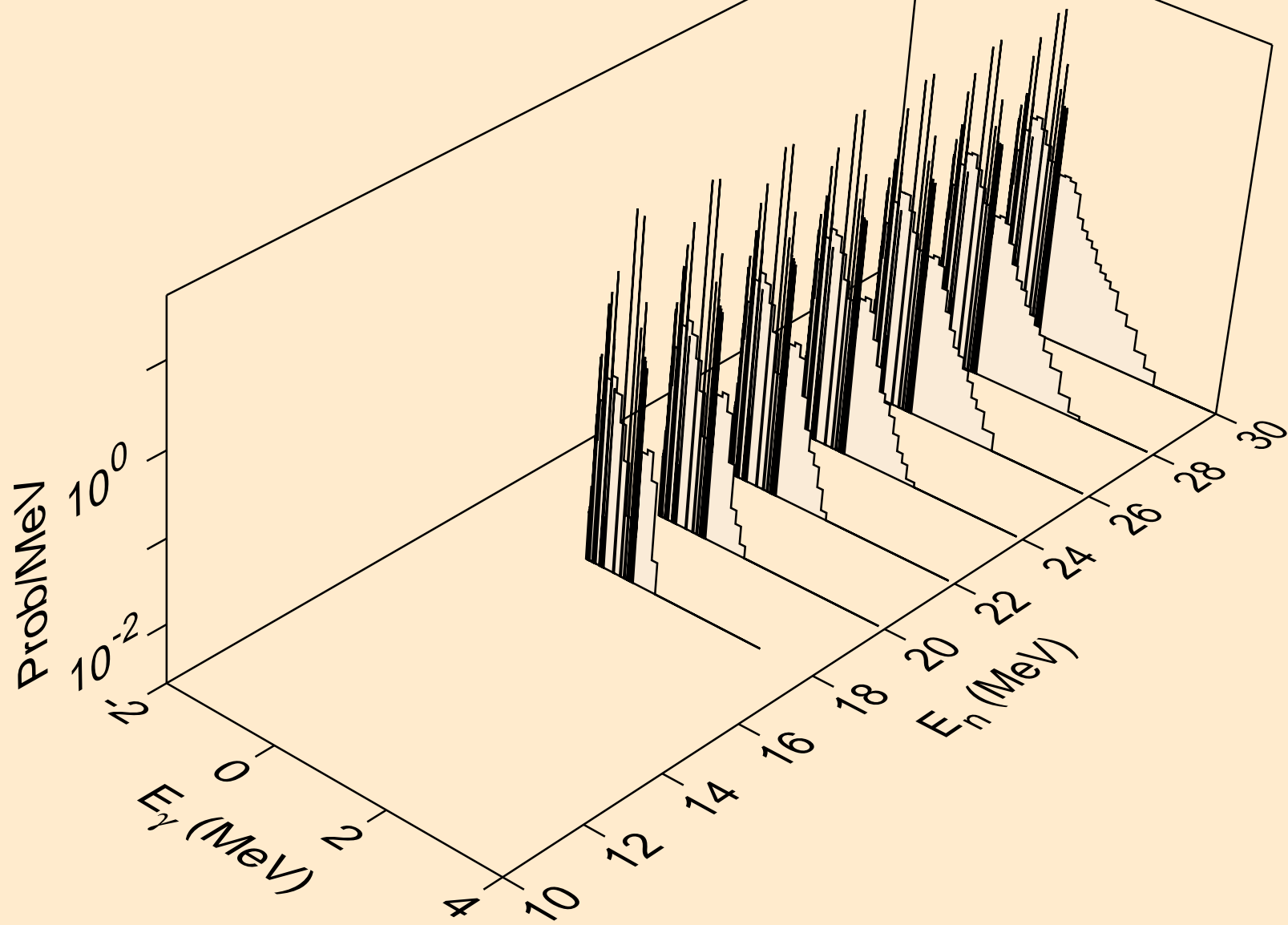
HG209 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



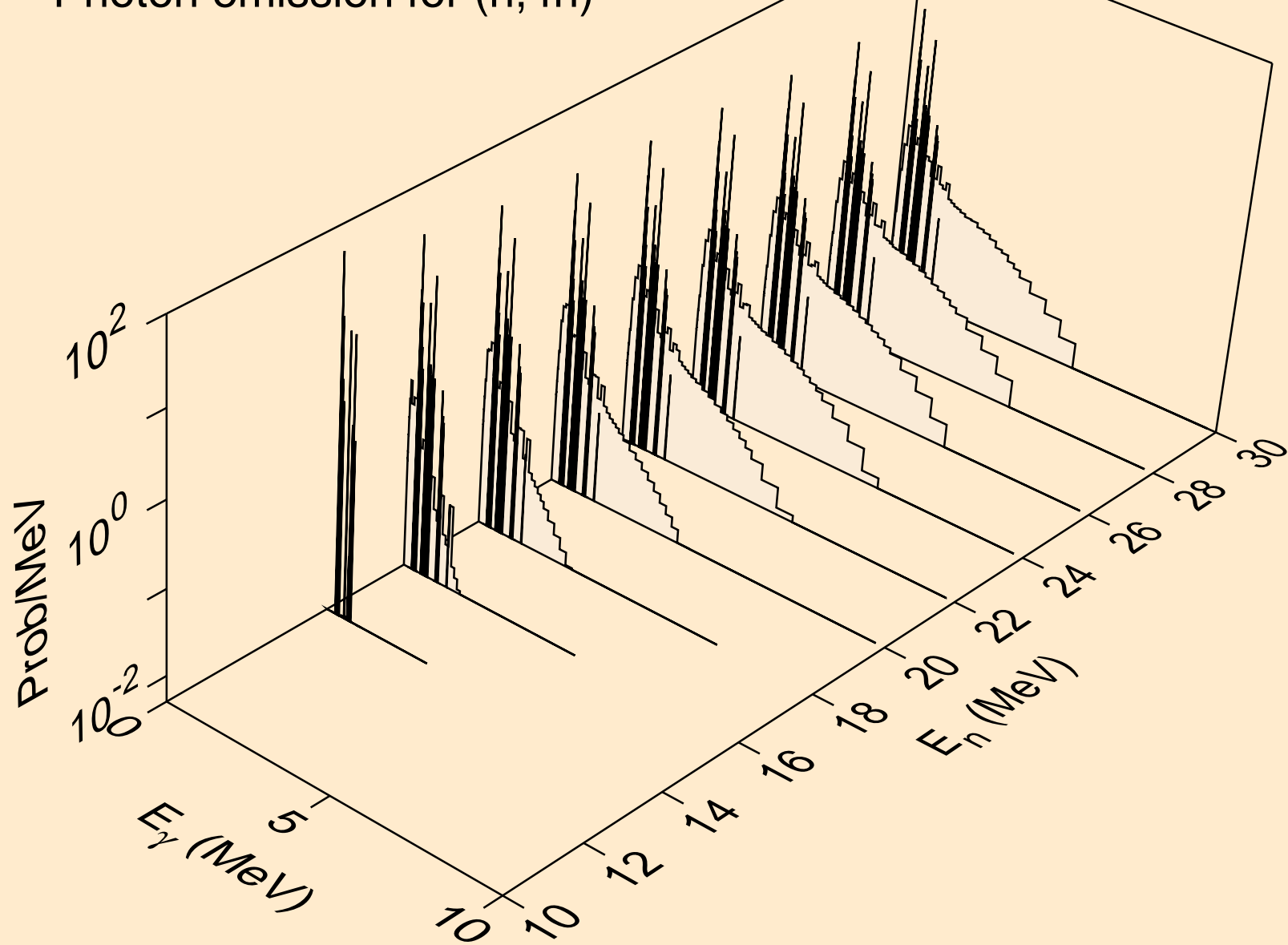
HG209 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



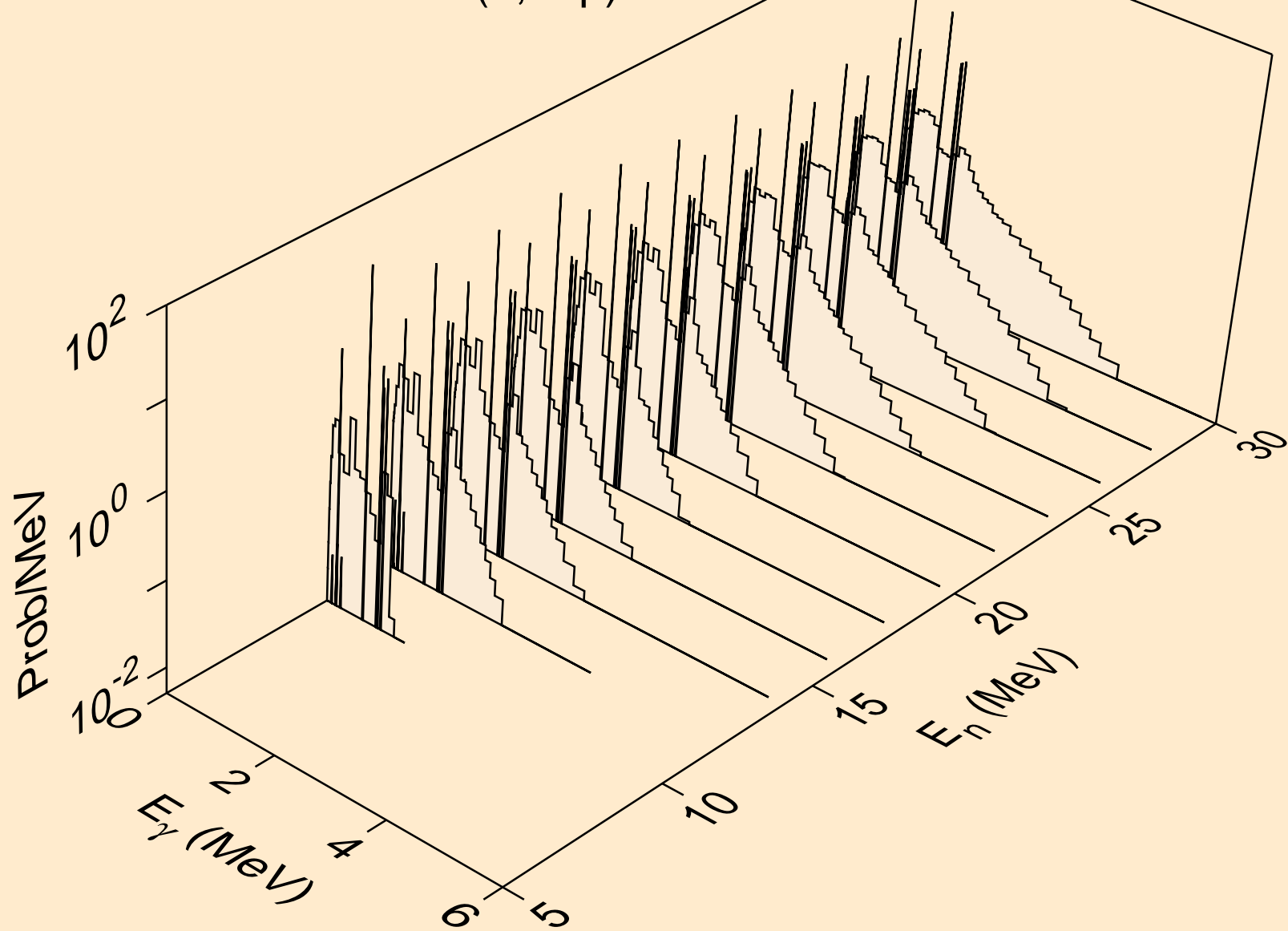
HG209 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



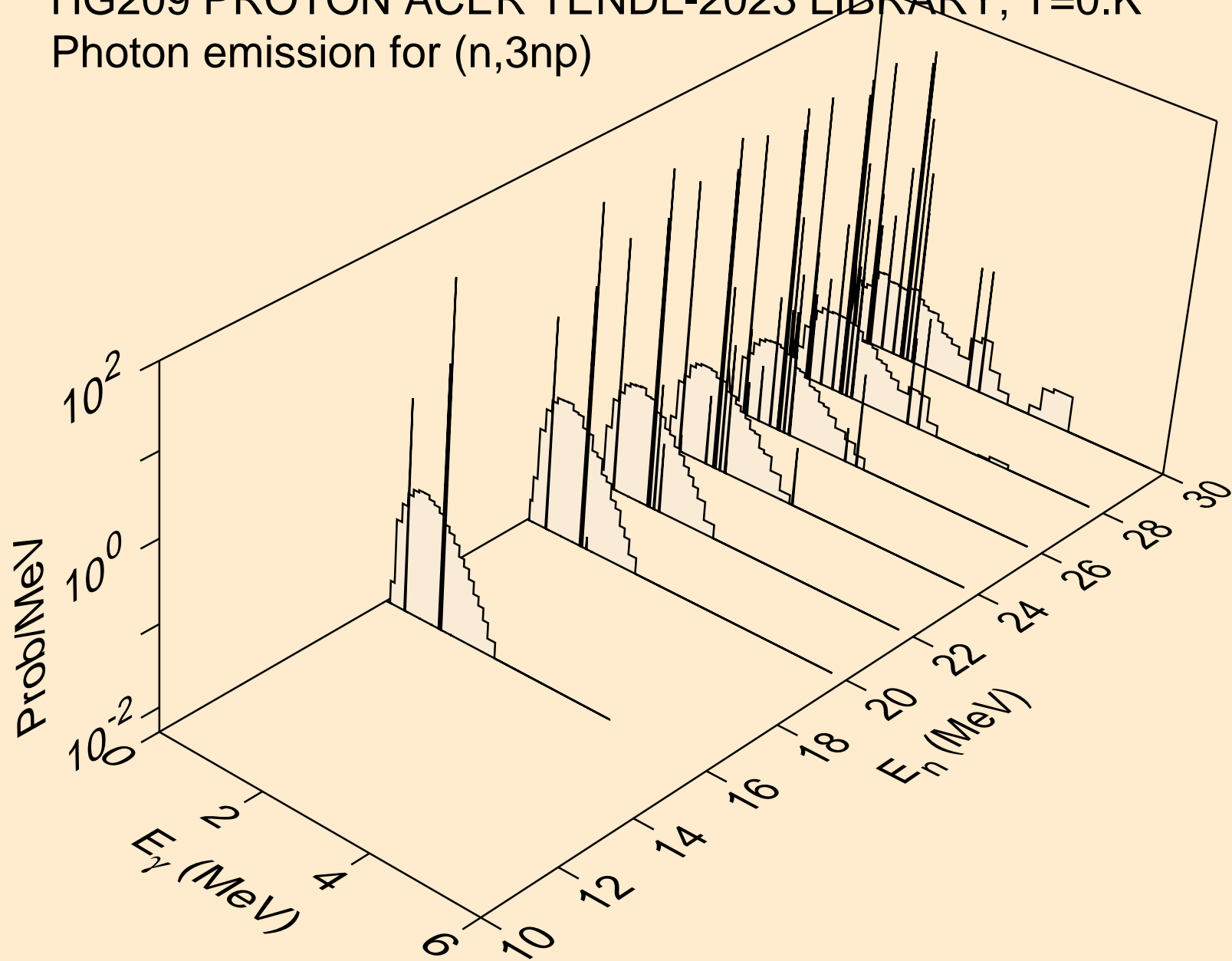
HG209 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



HG209 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

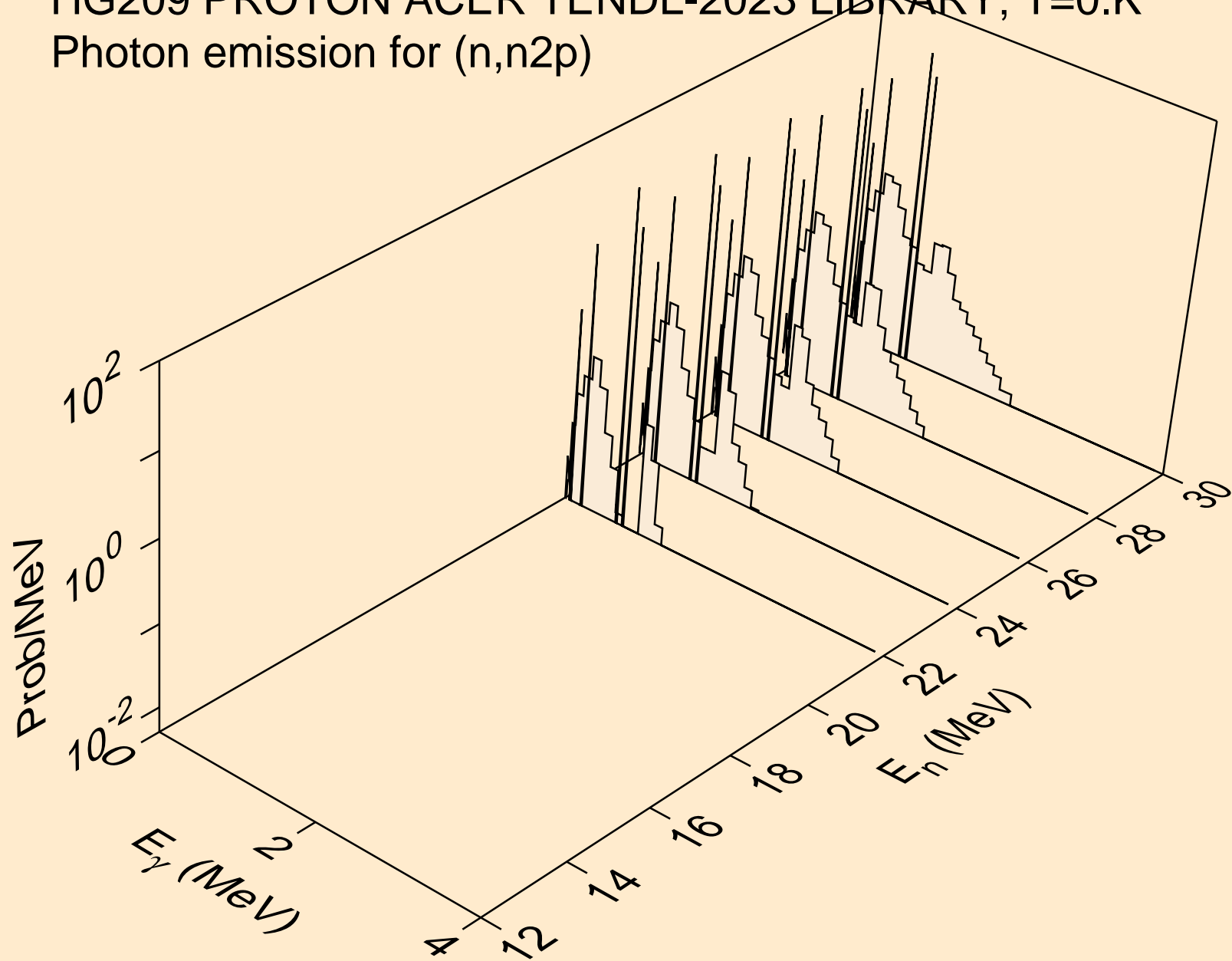


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Photon emission for (n,3np)

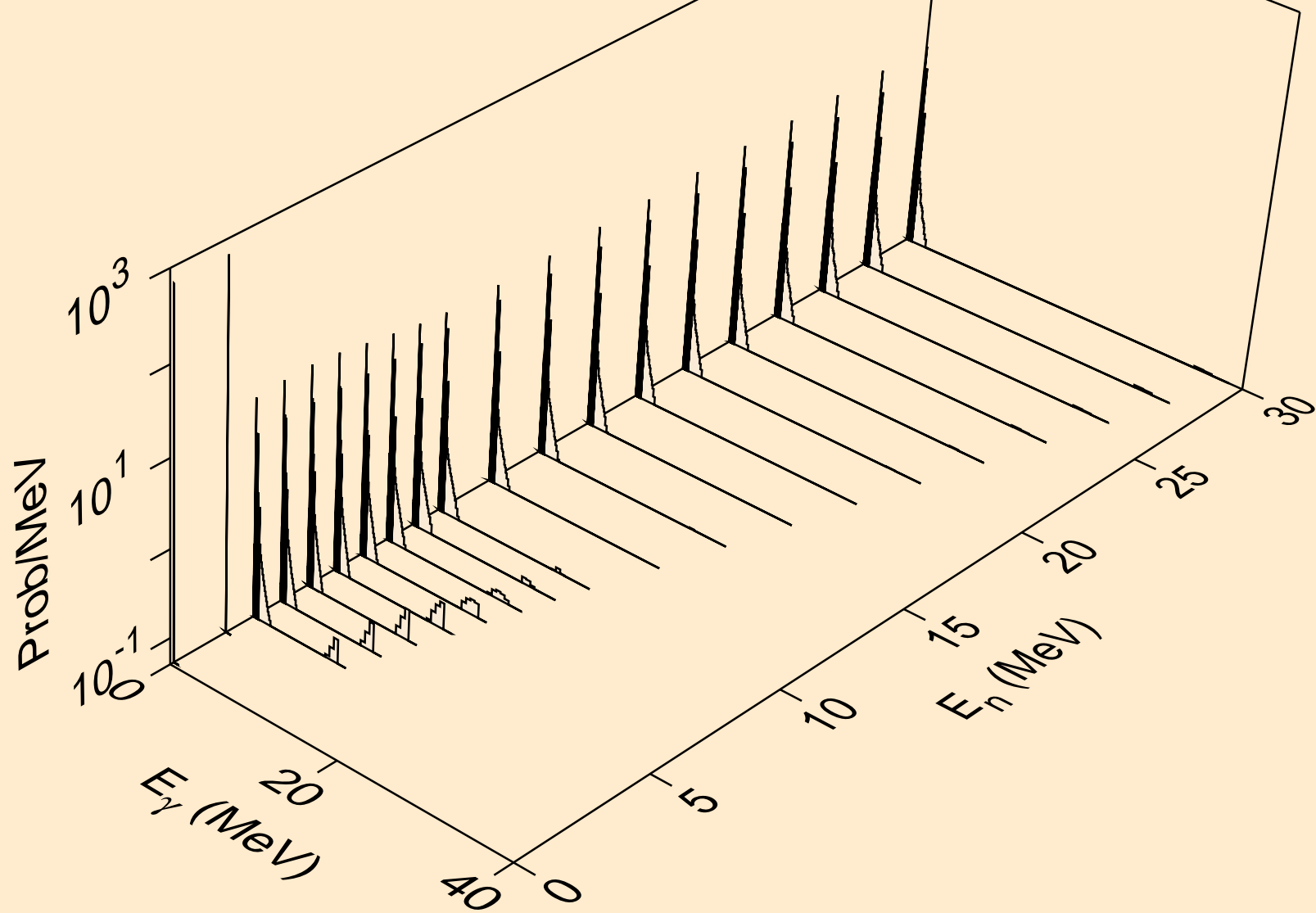




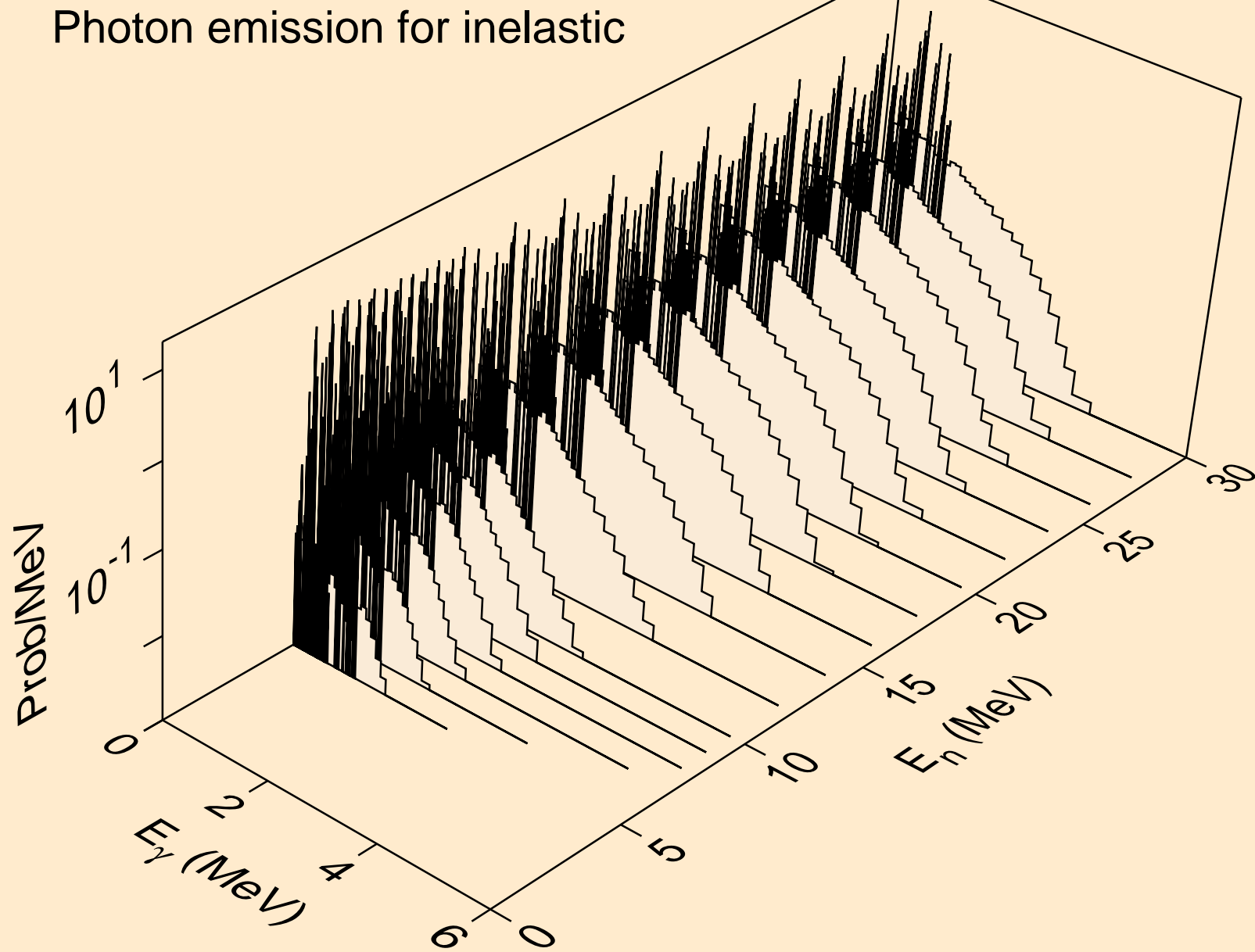
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Photon emission for (n,n2p)



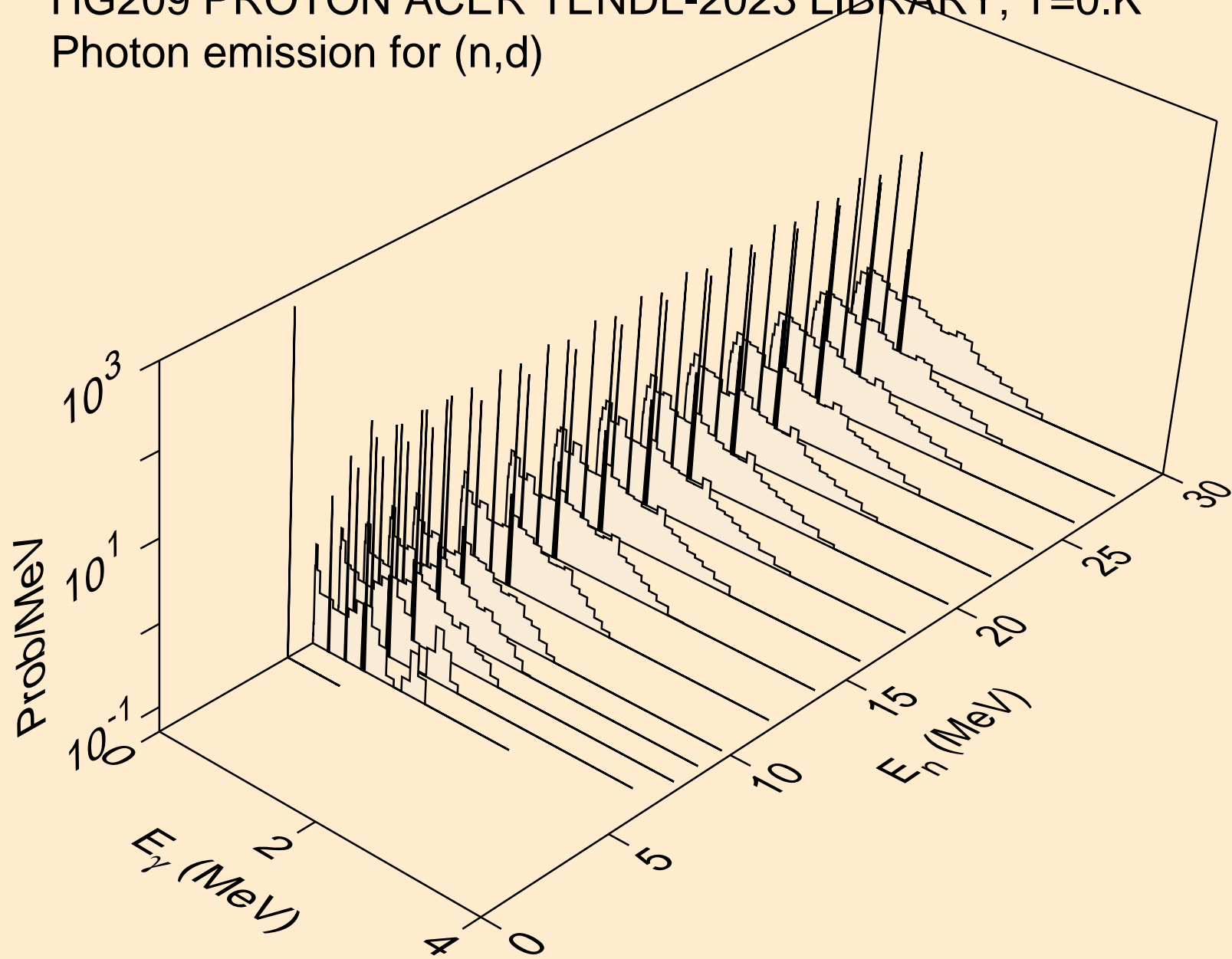
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Photon emission for (n,gma)



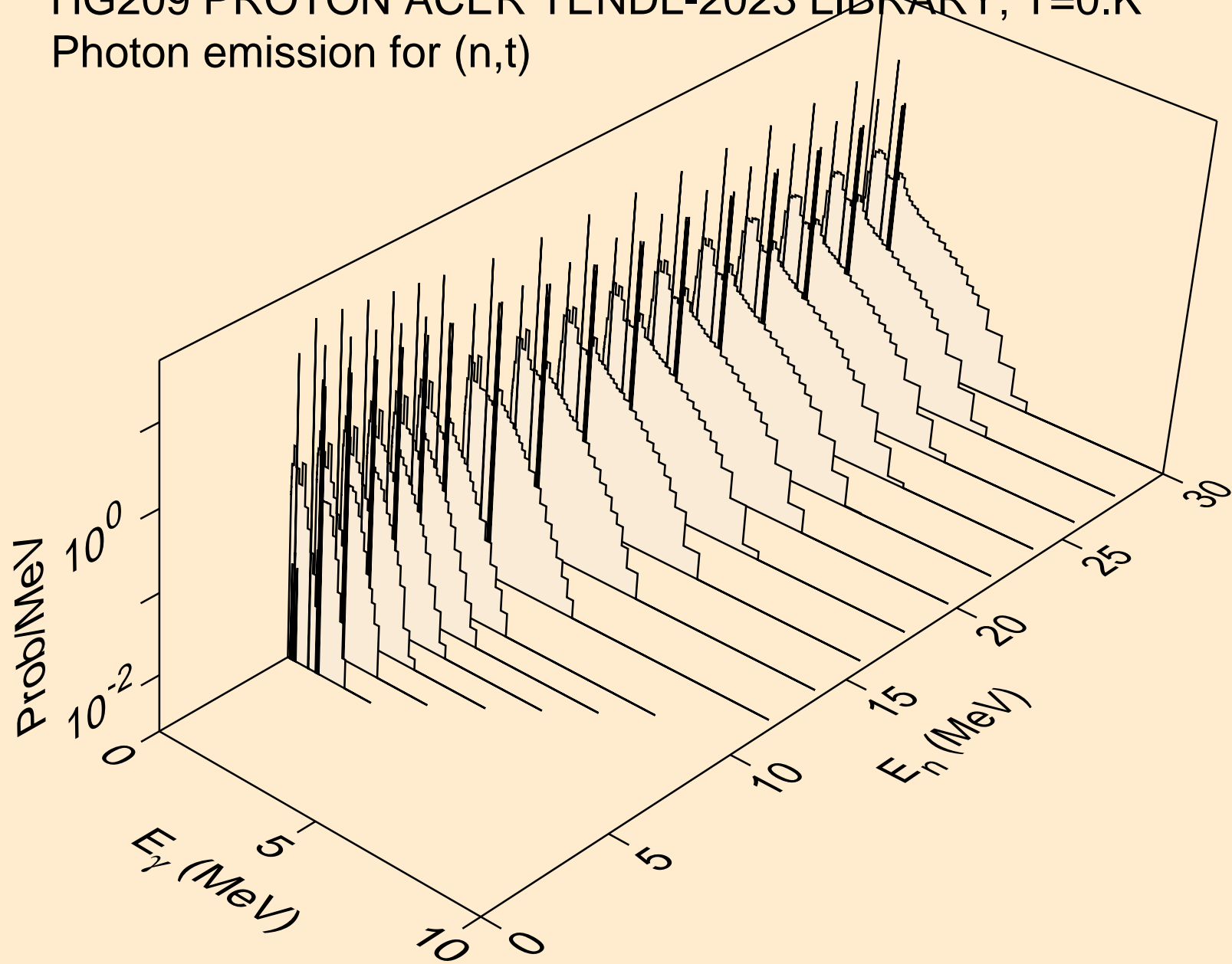
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Photon emission for inelastic



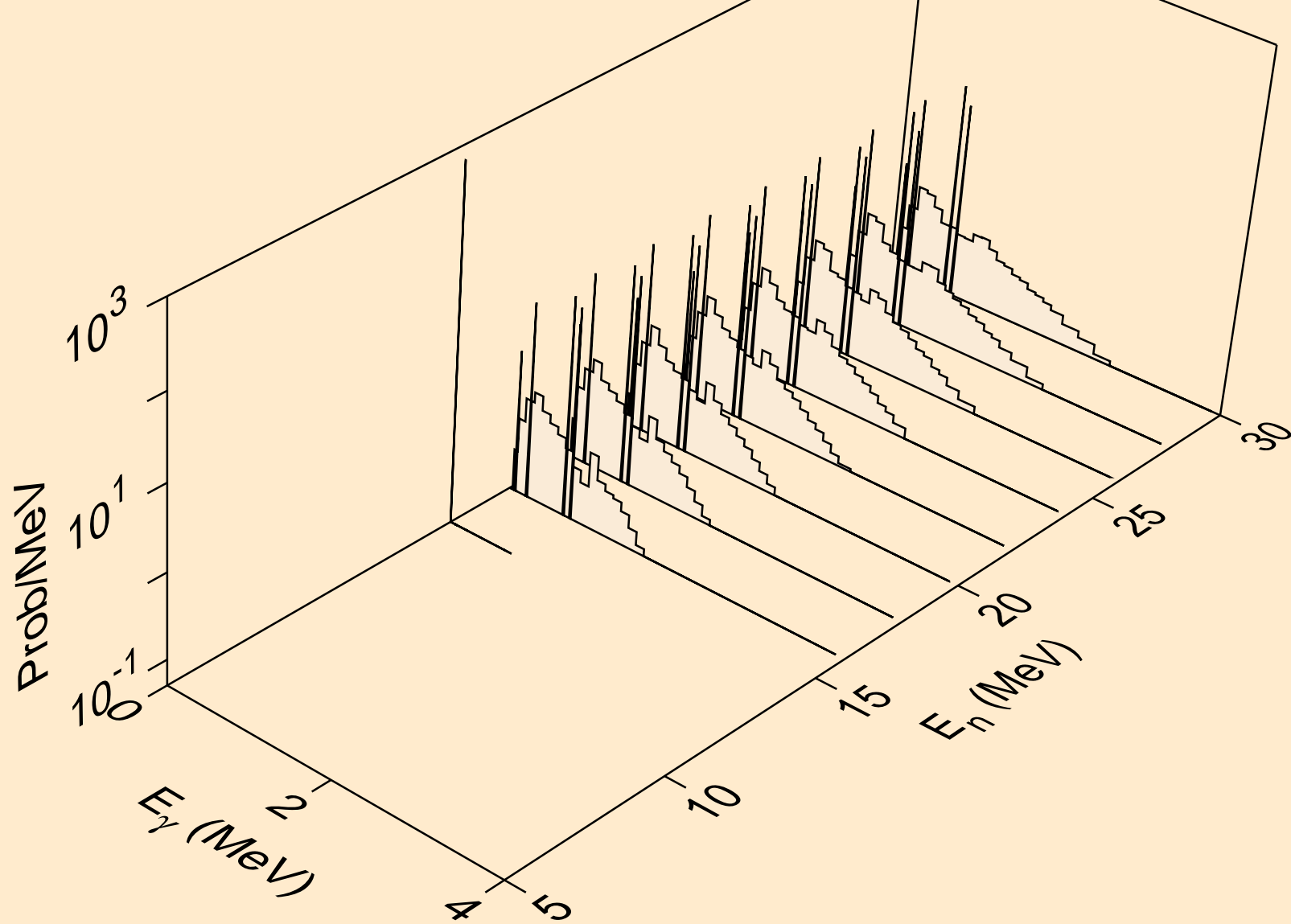
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Photon emission for (n,d)



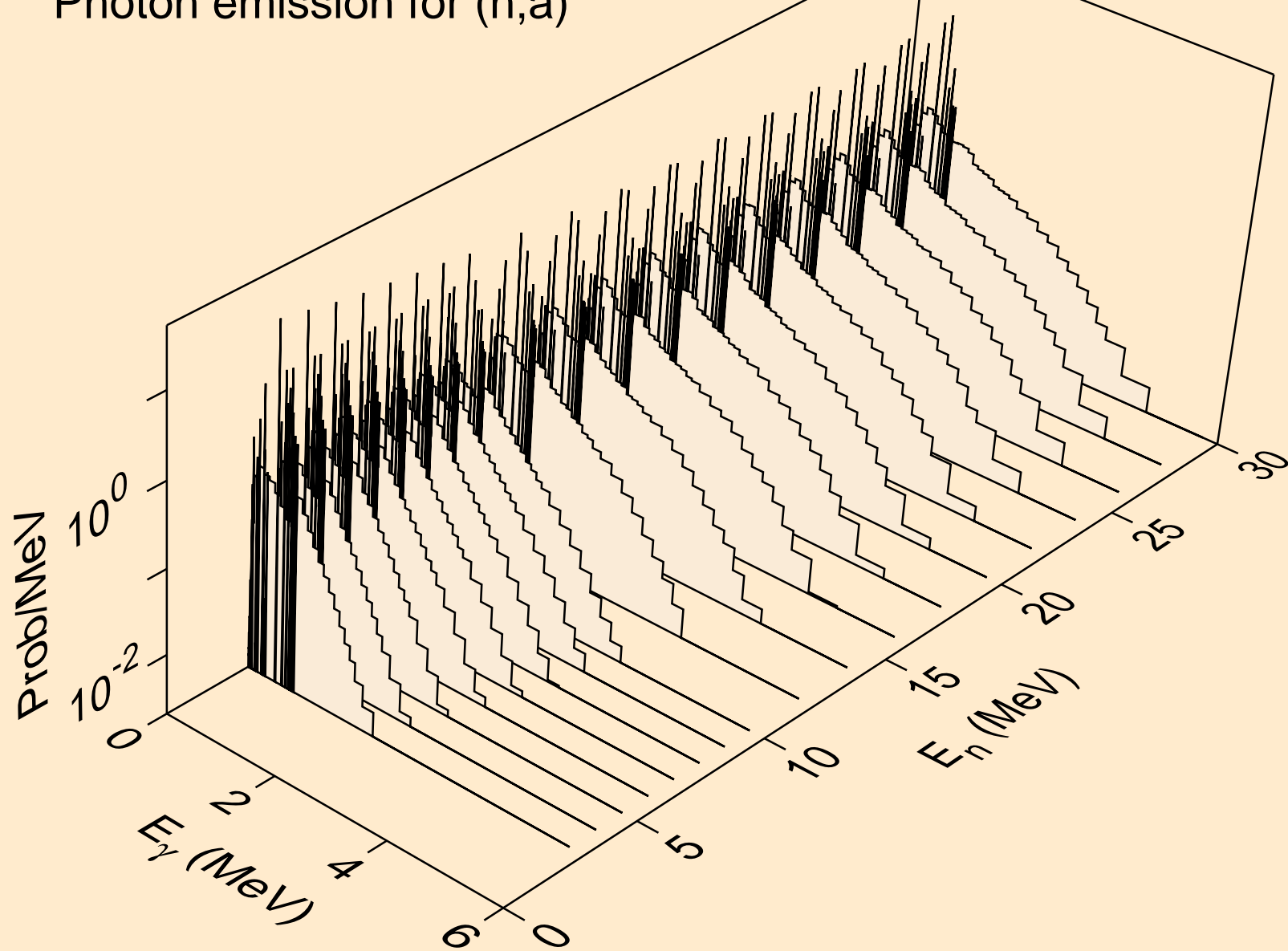
HG209 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



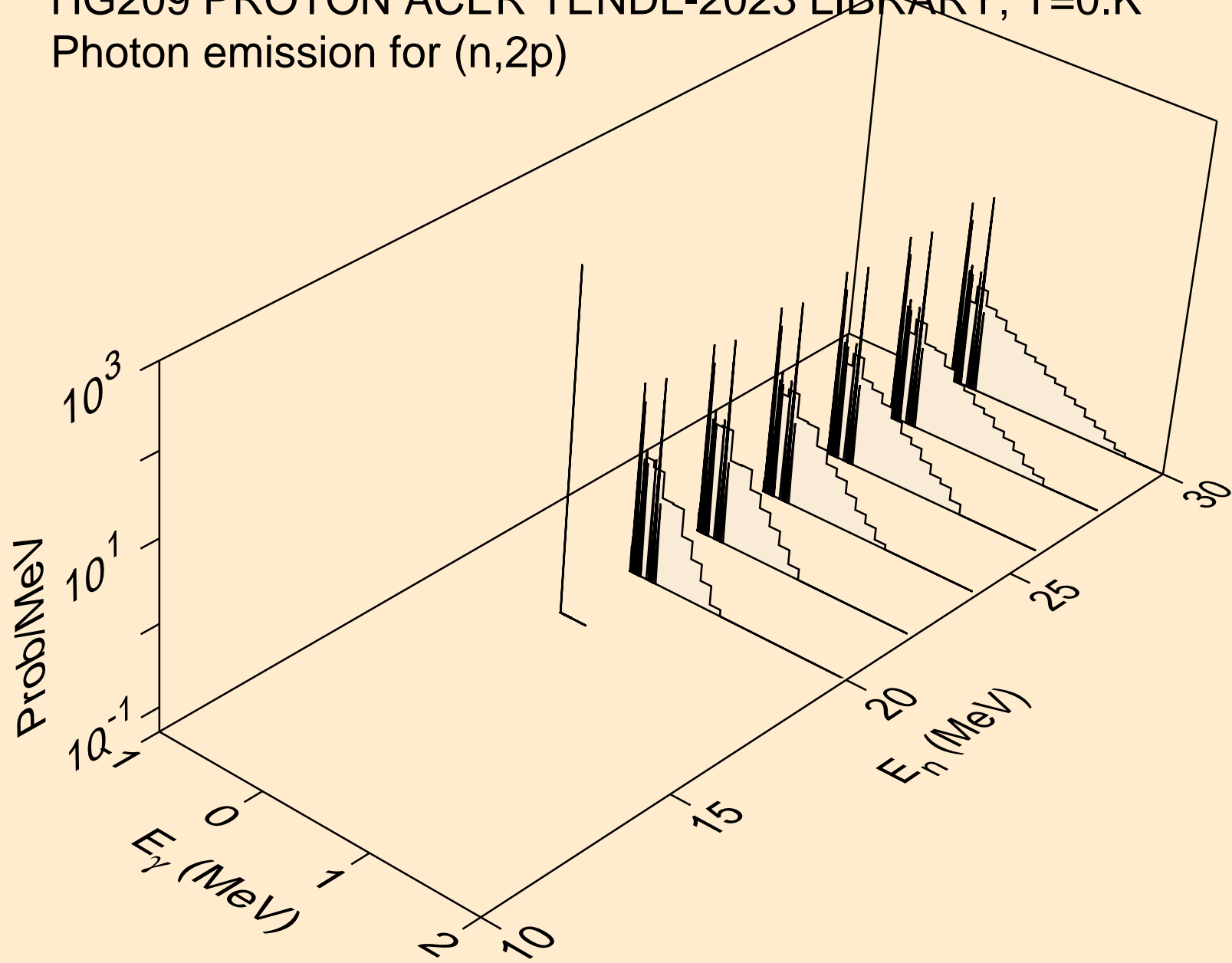
HG209 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



HG209 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



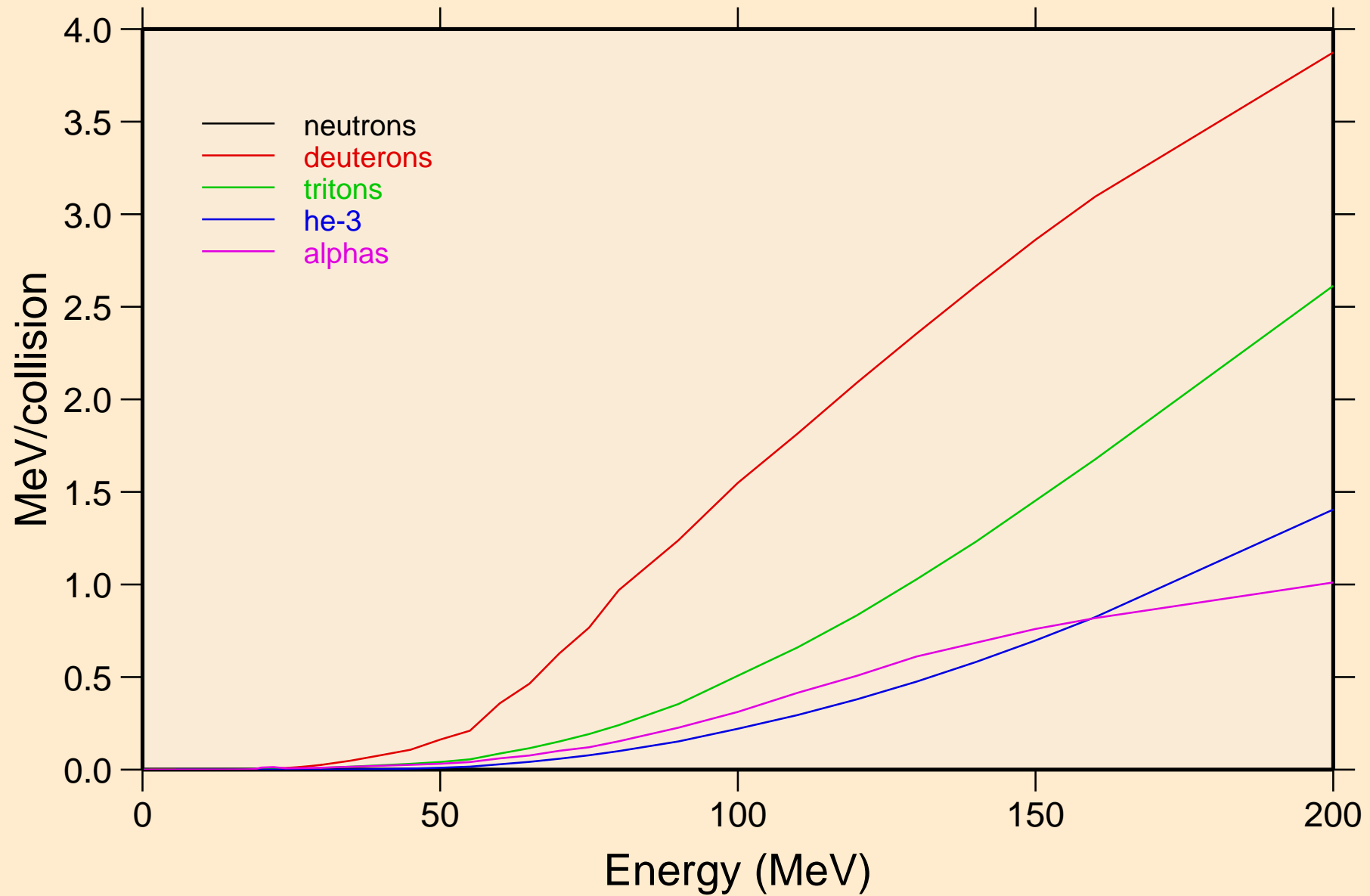
HG209 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)





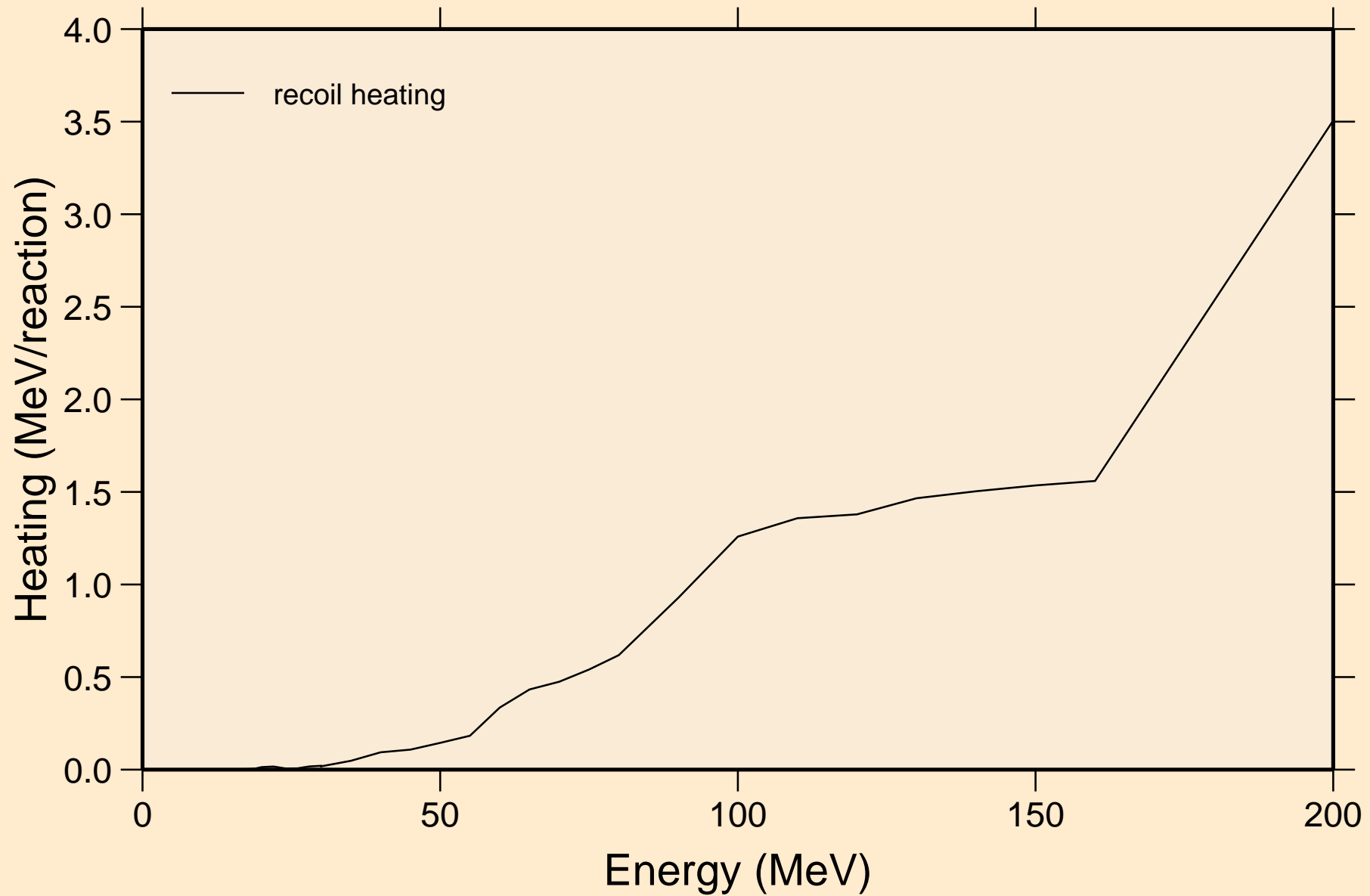
# HG209 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions

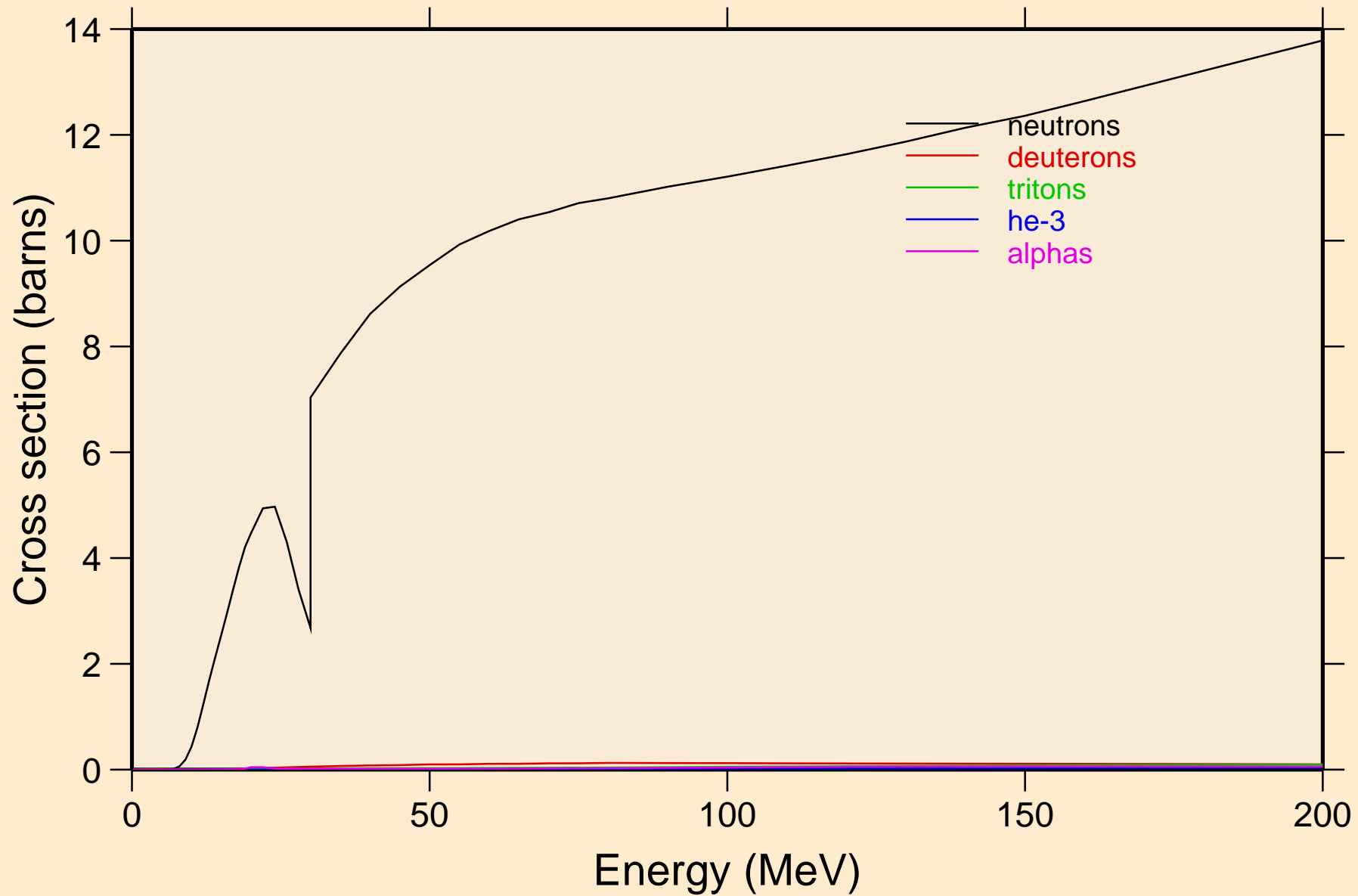


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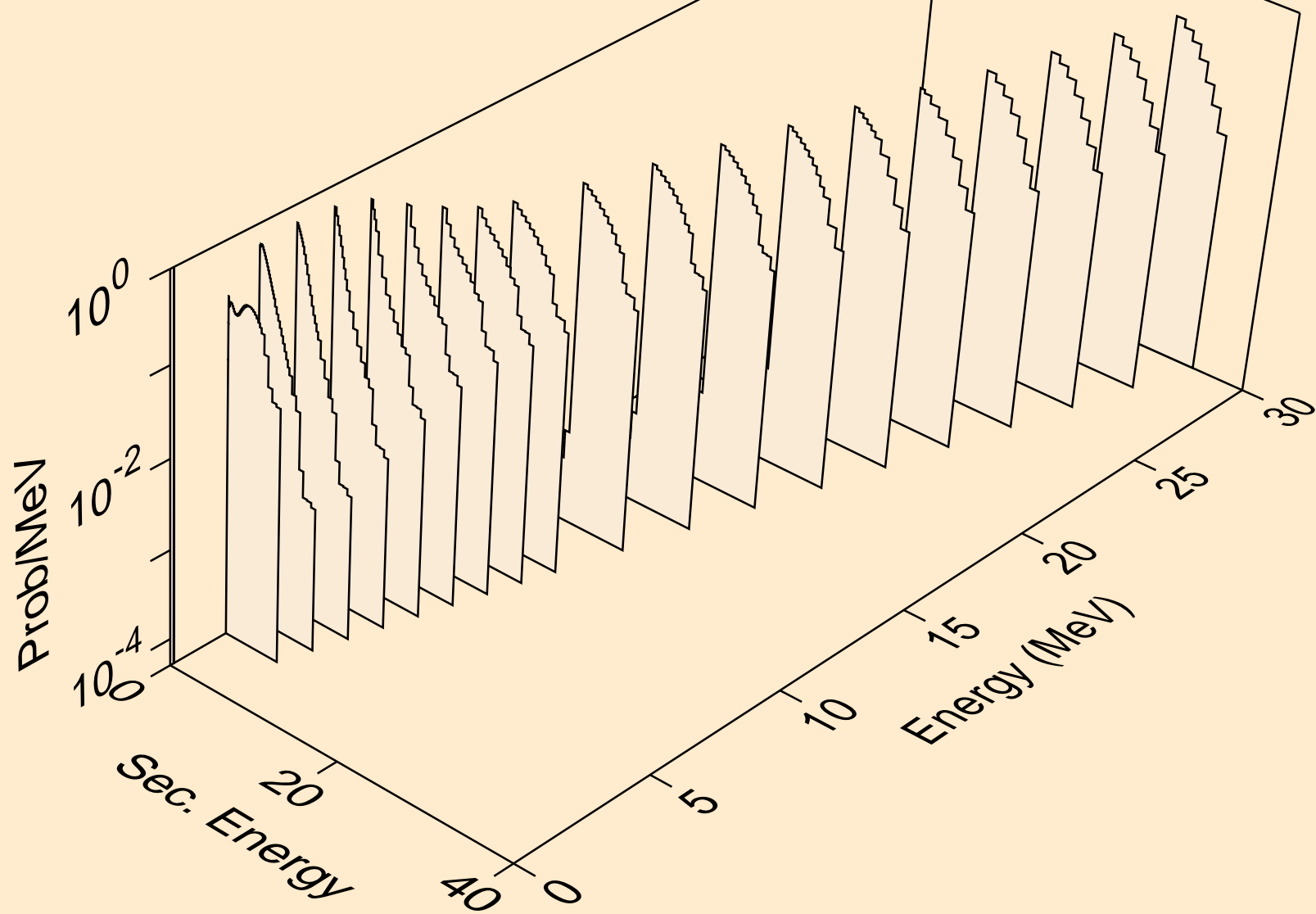
## Recoil Heating



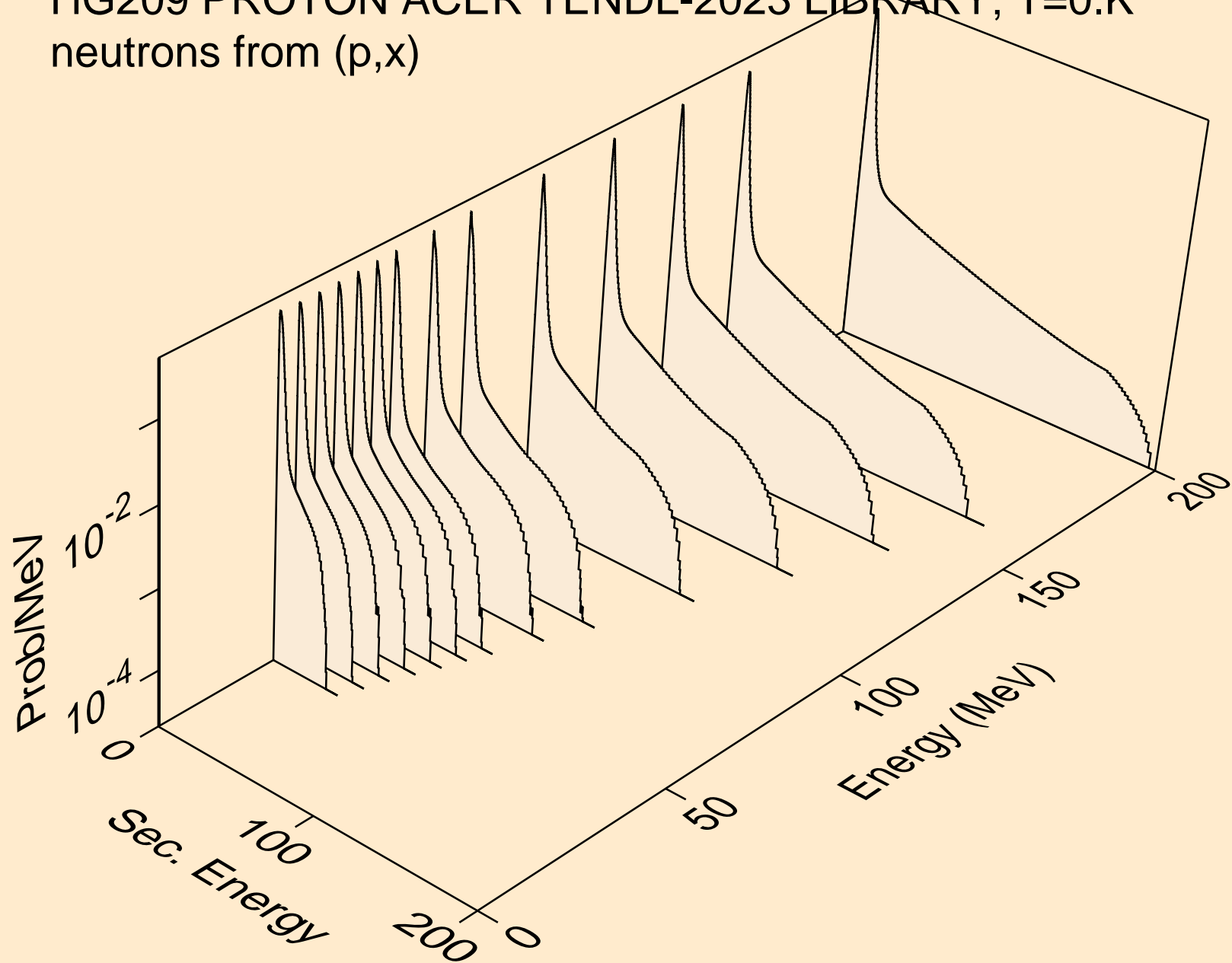
HG209 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



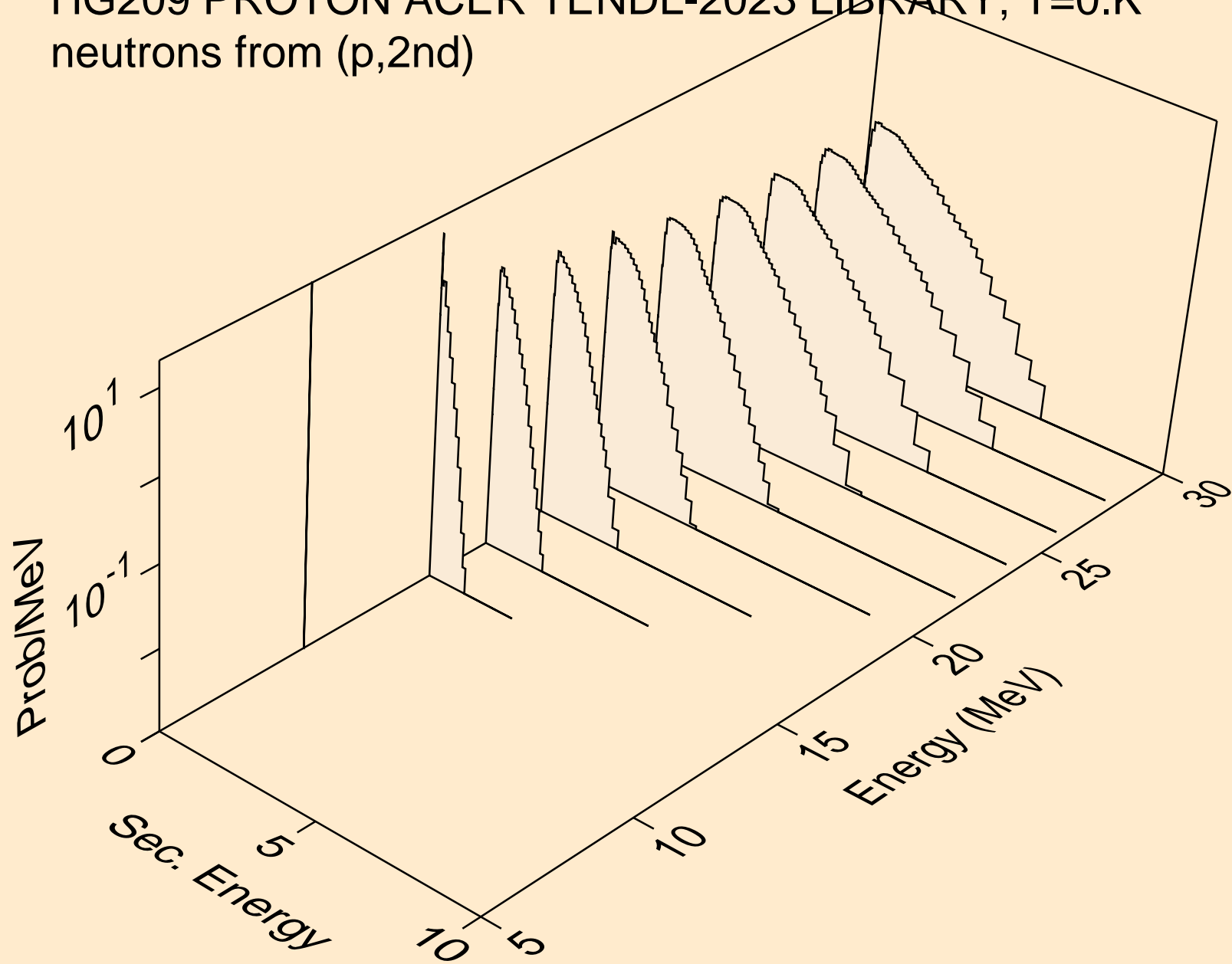
HG209 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)



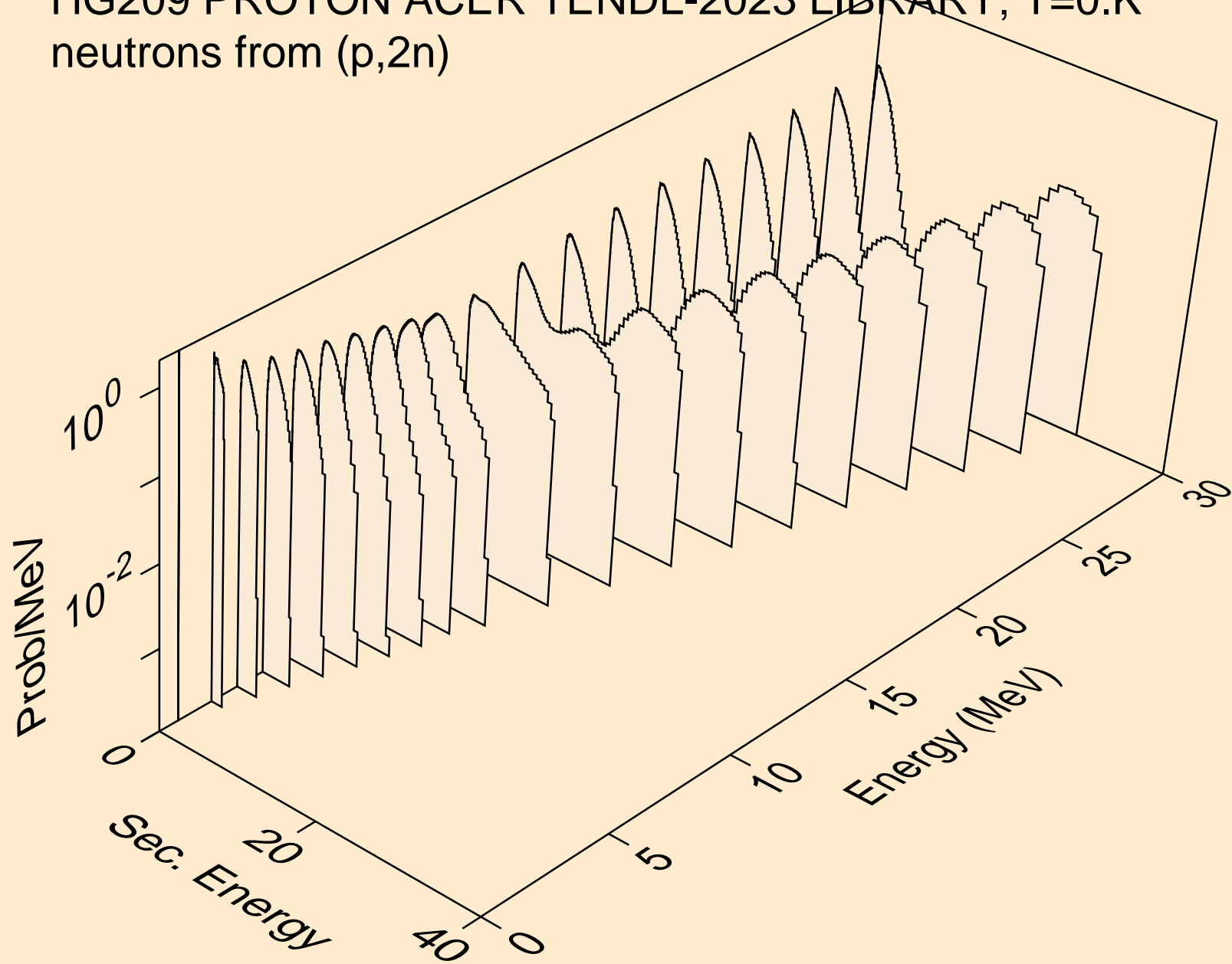
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neutrons from (p,x)



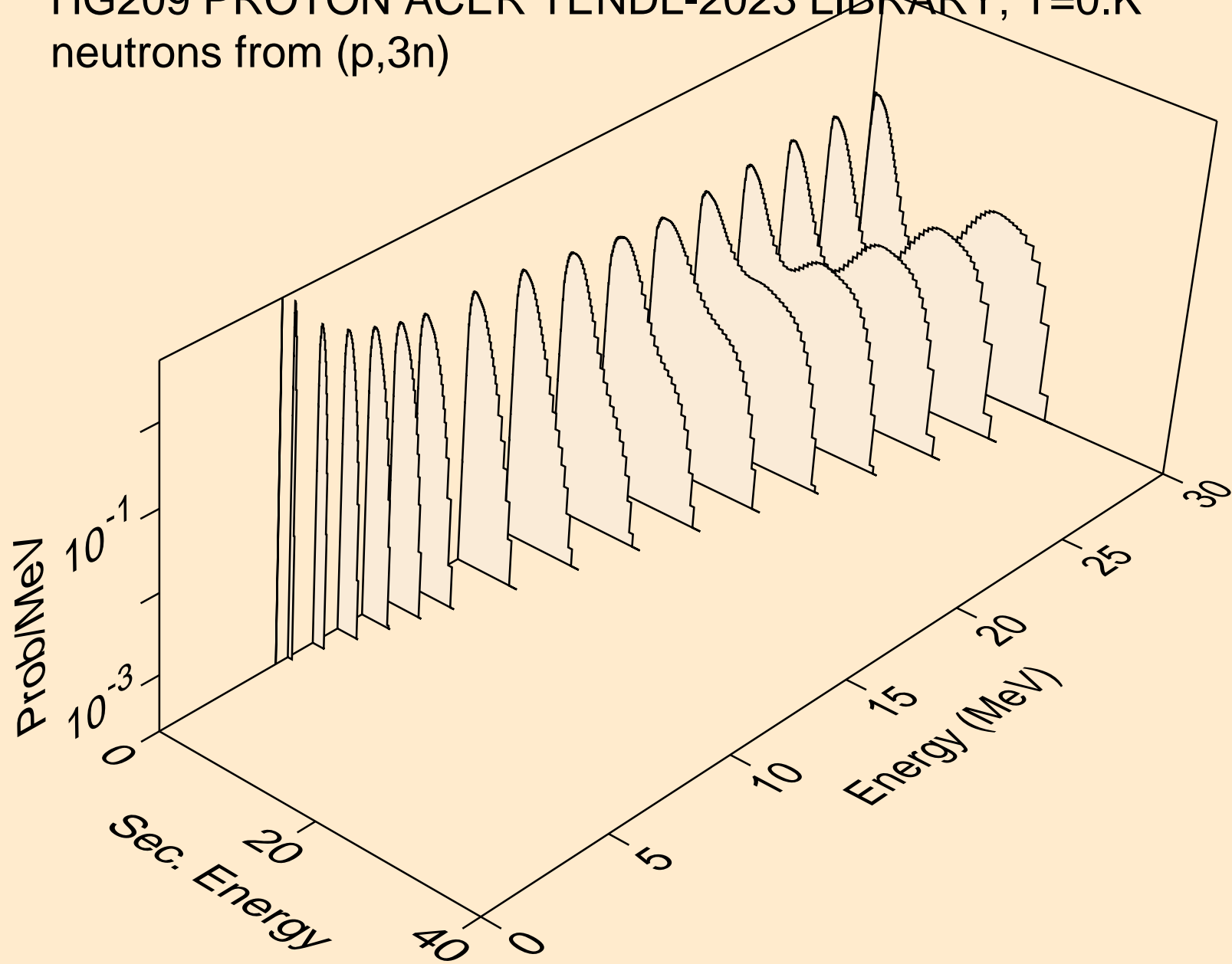
HG209 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2nd)



HG209 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)

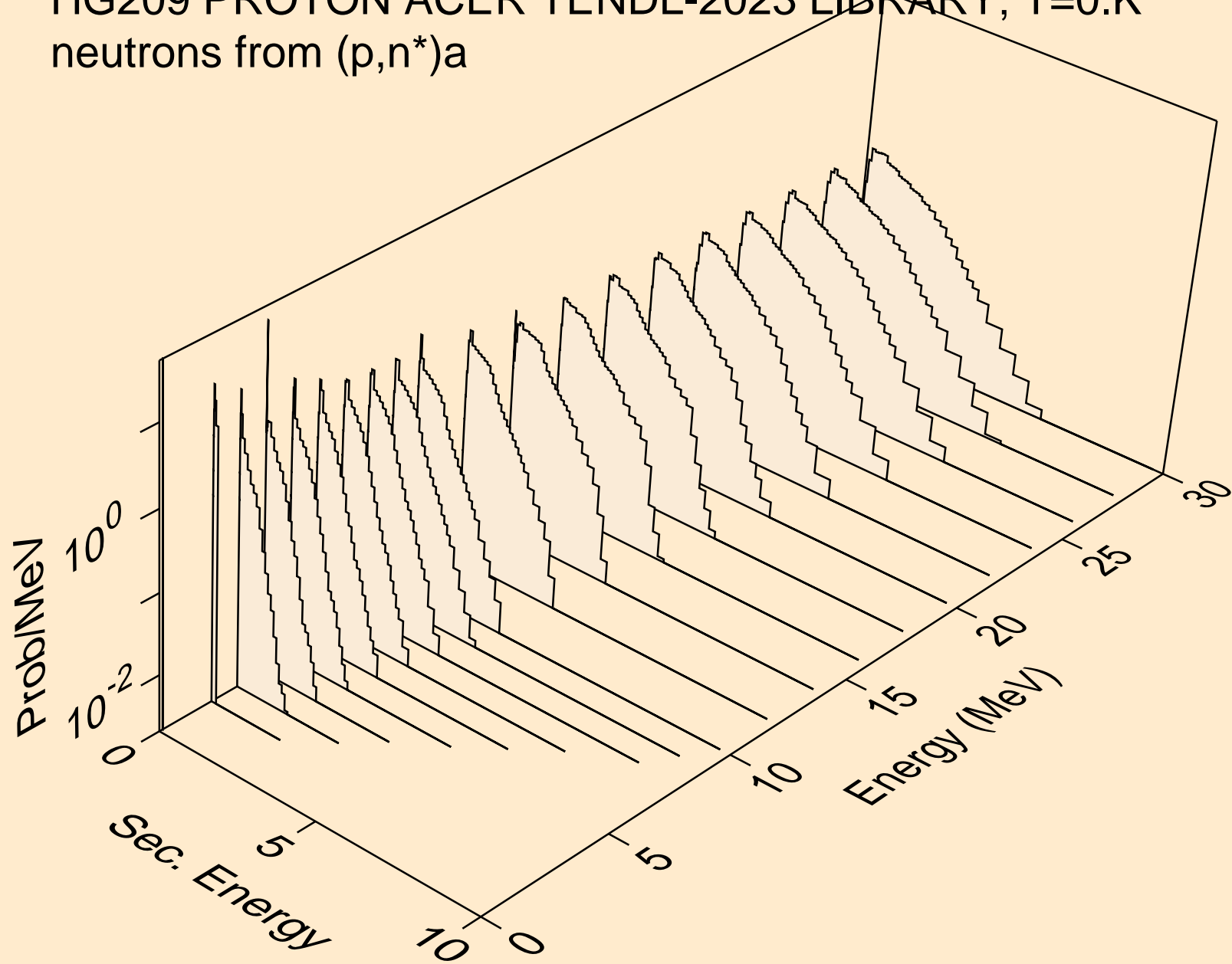


HG209 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)

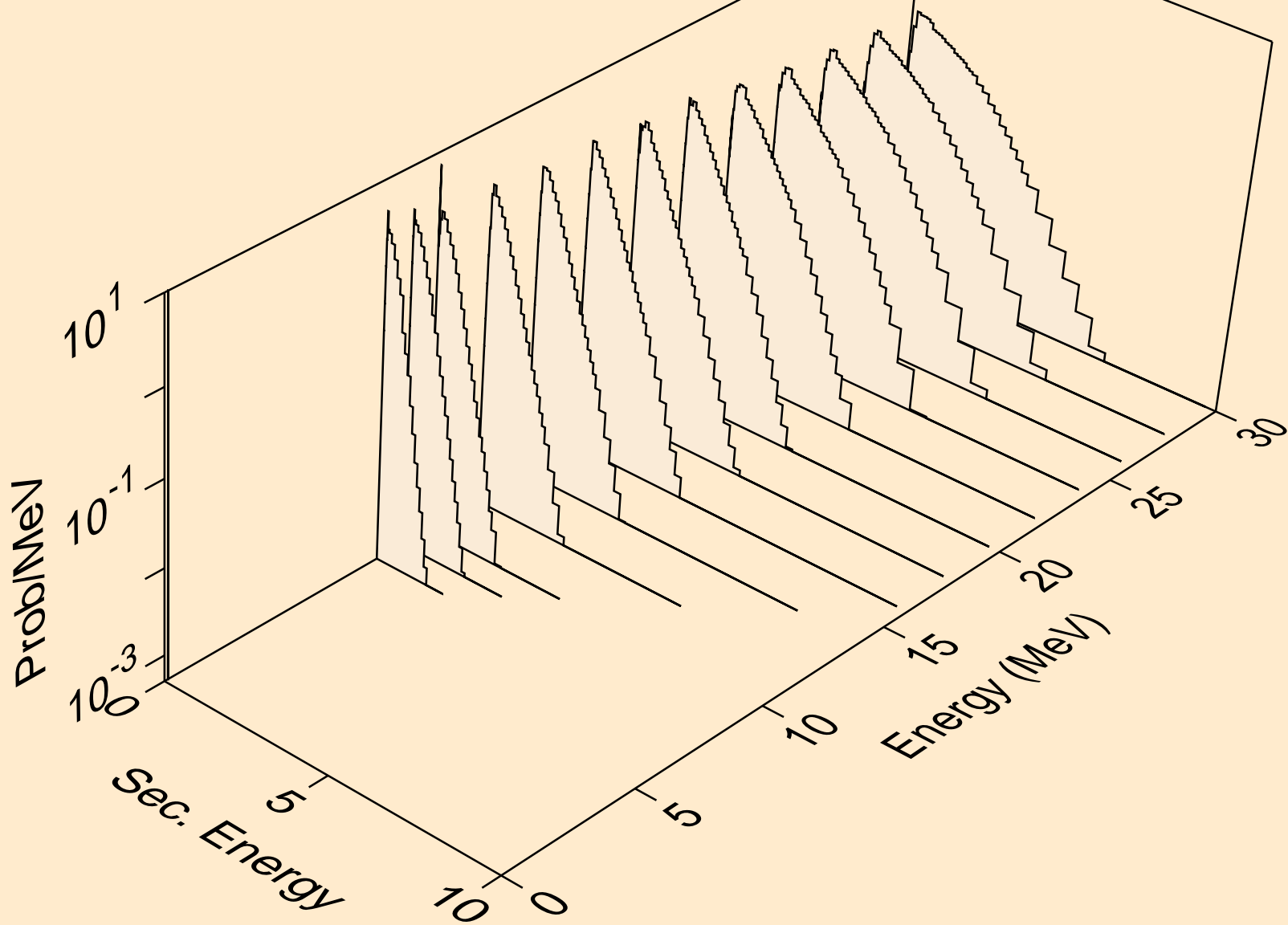




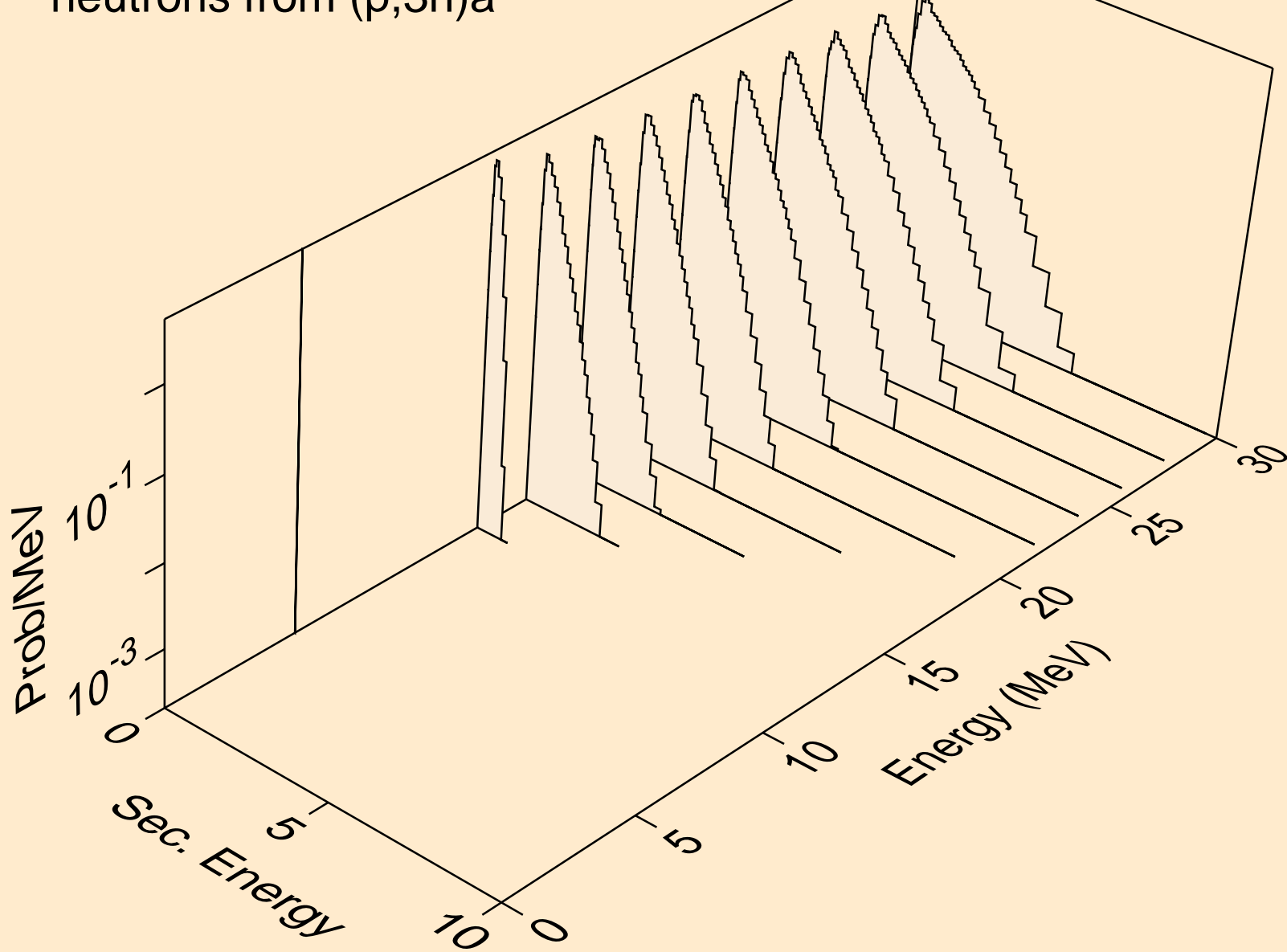
HG209 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a



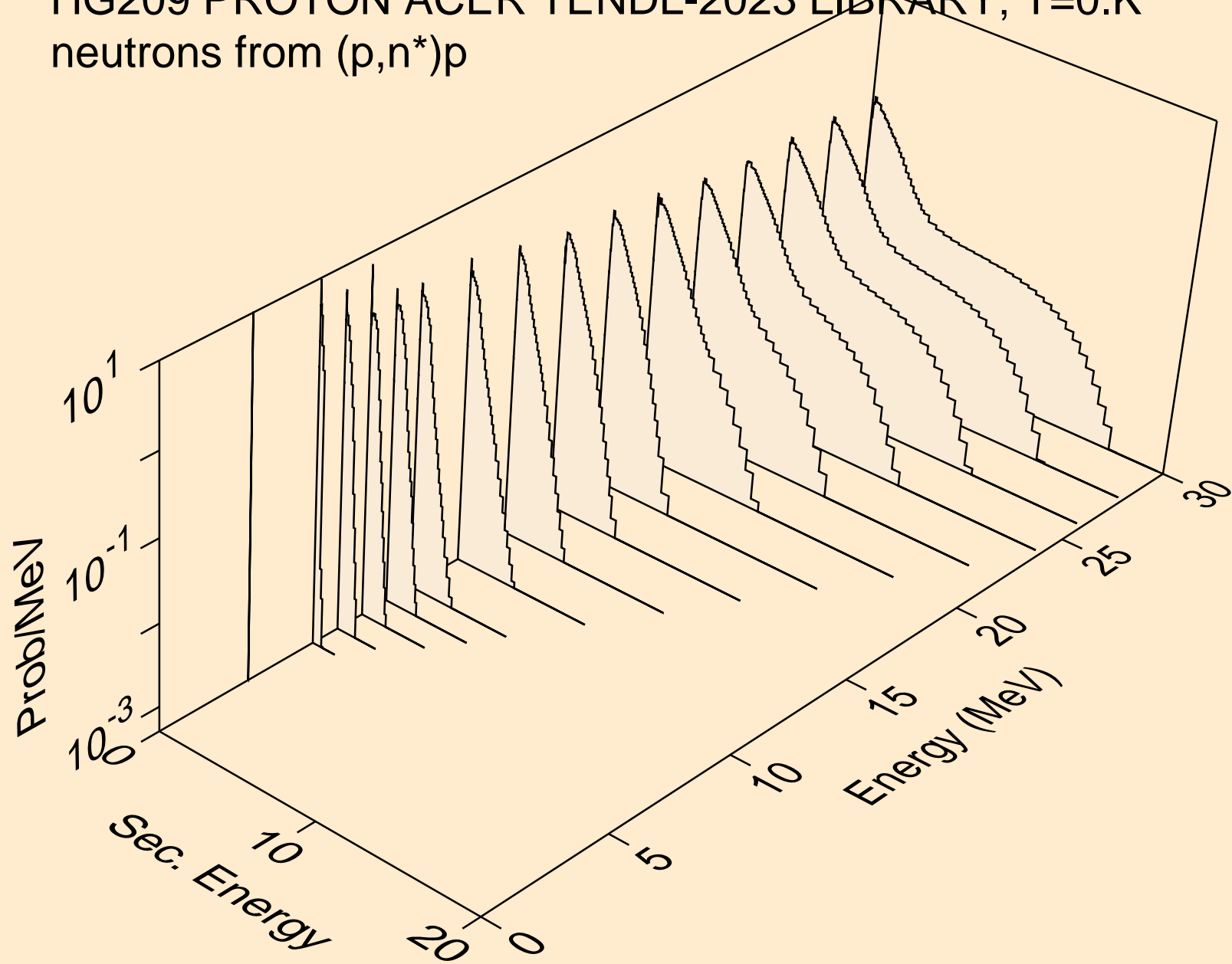
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neutrons from (p,2n)a



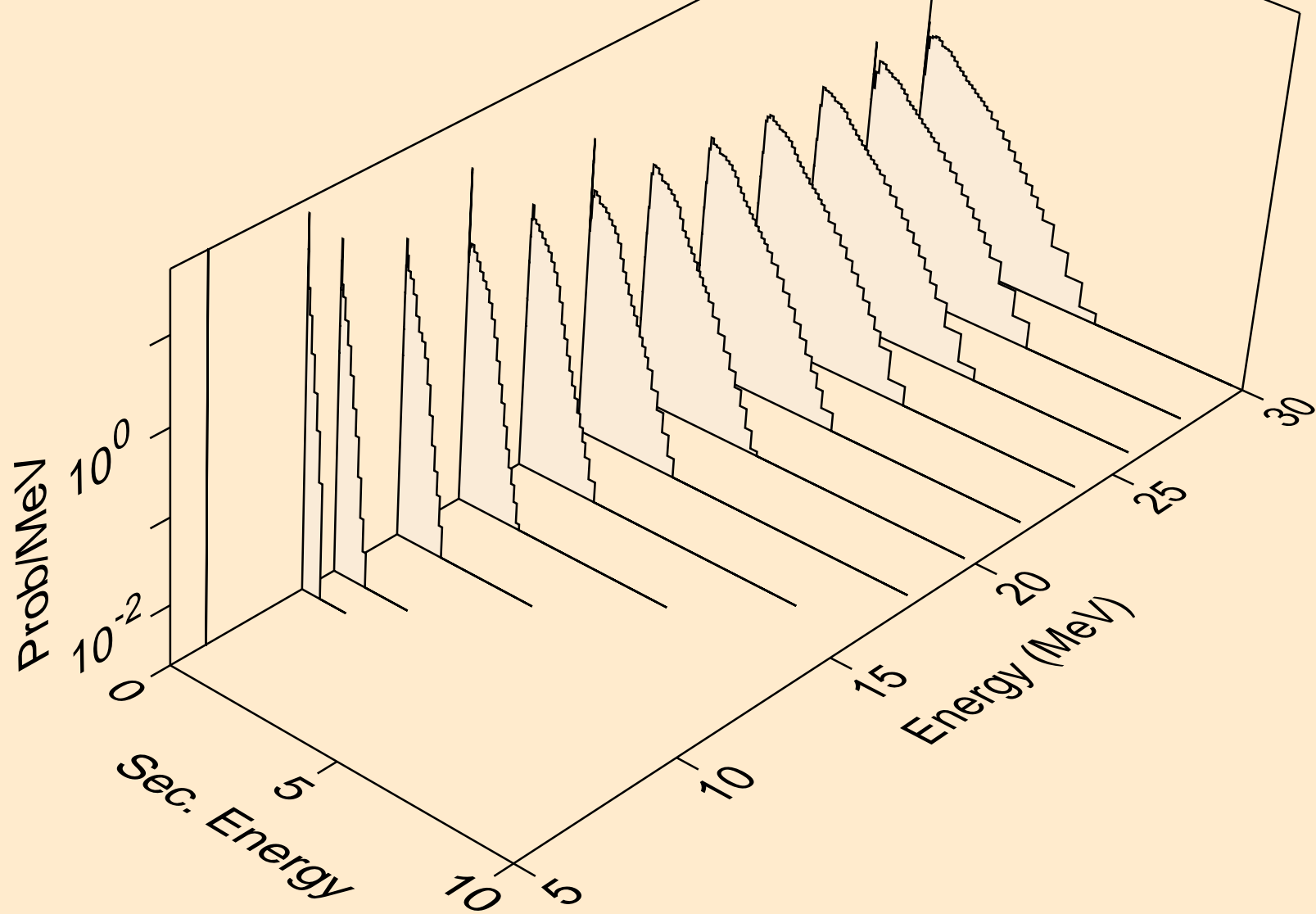
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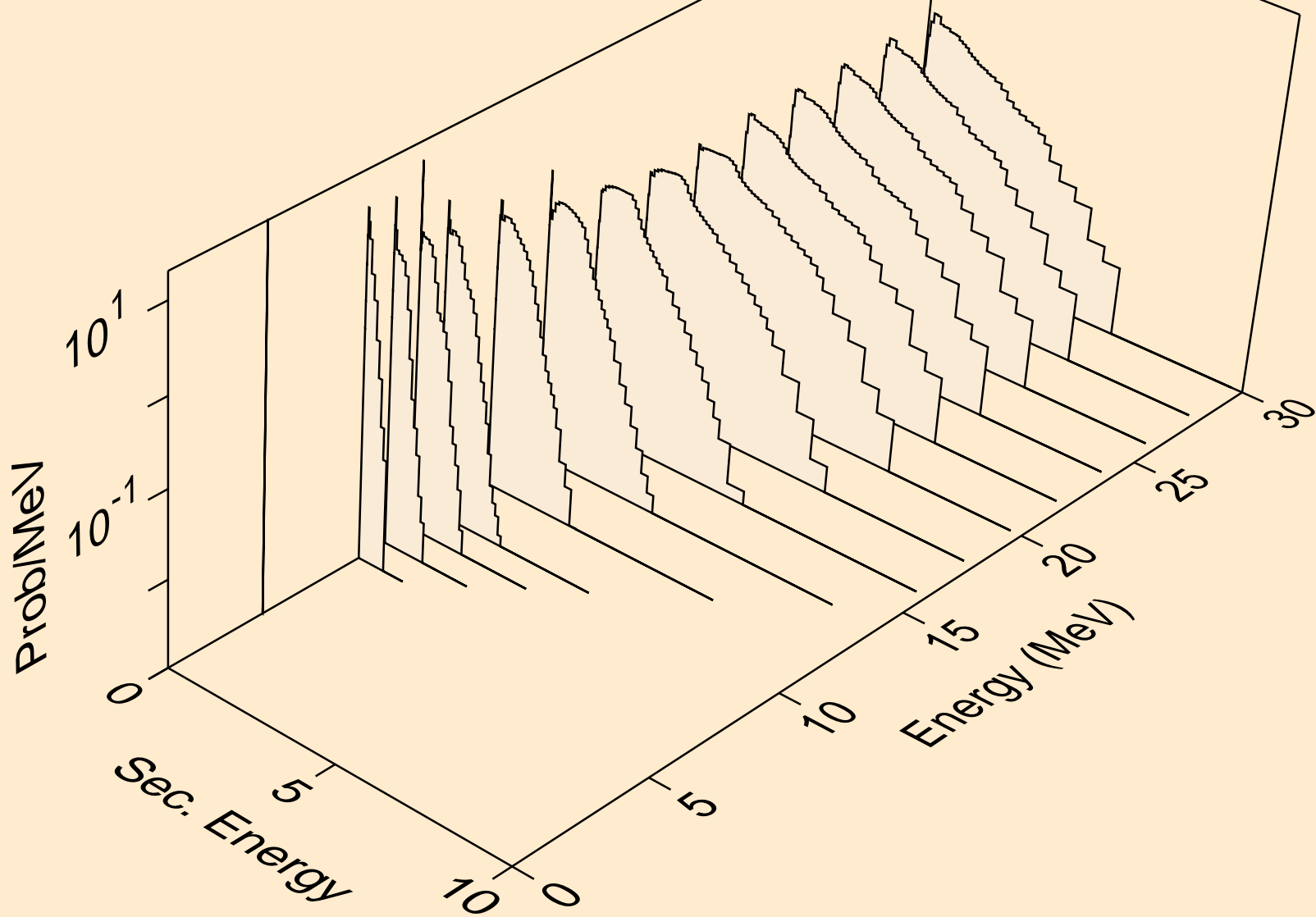
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neutrons from (p,n\*)p



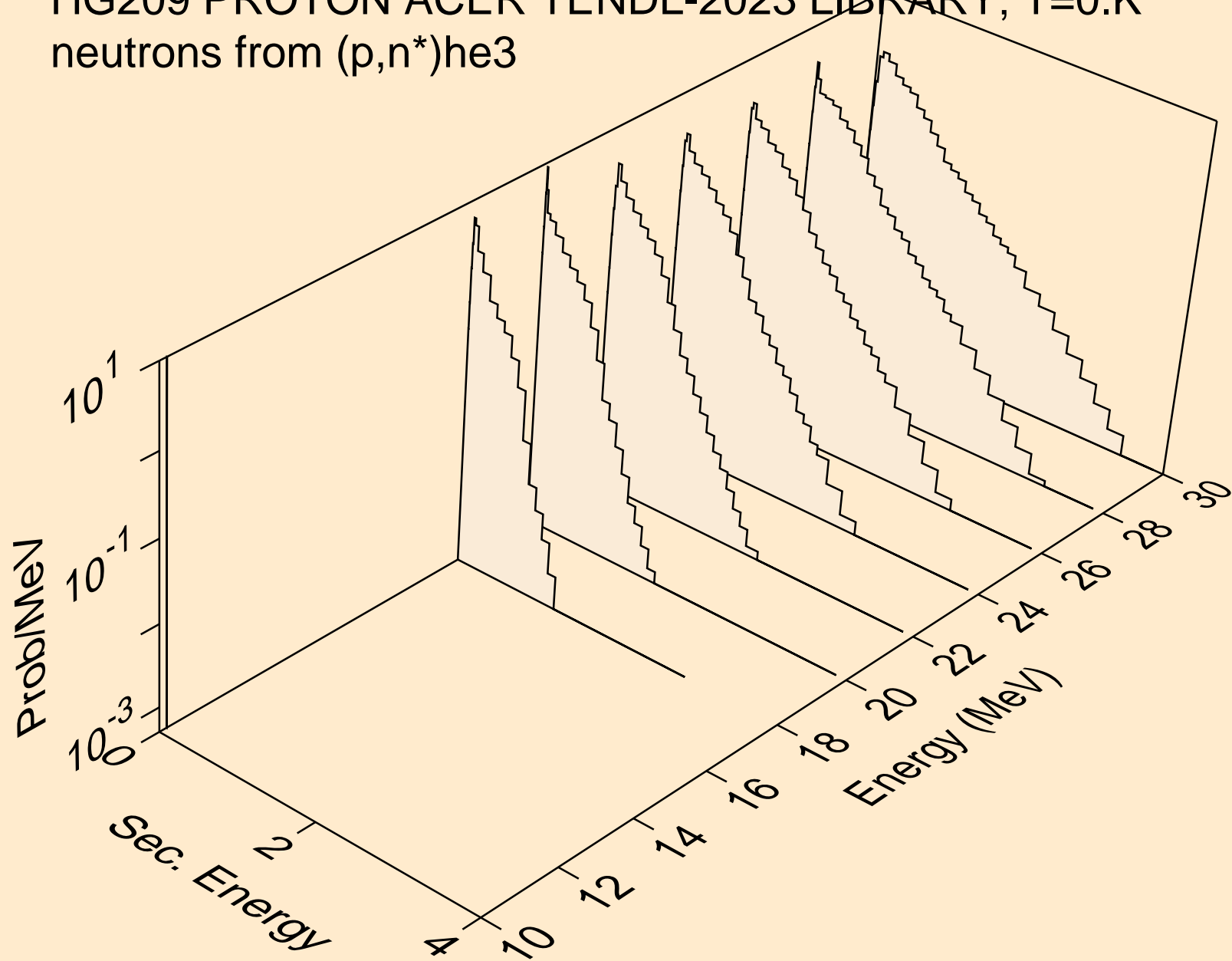
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neutrons from (p,n\*)d



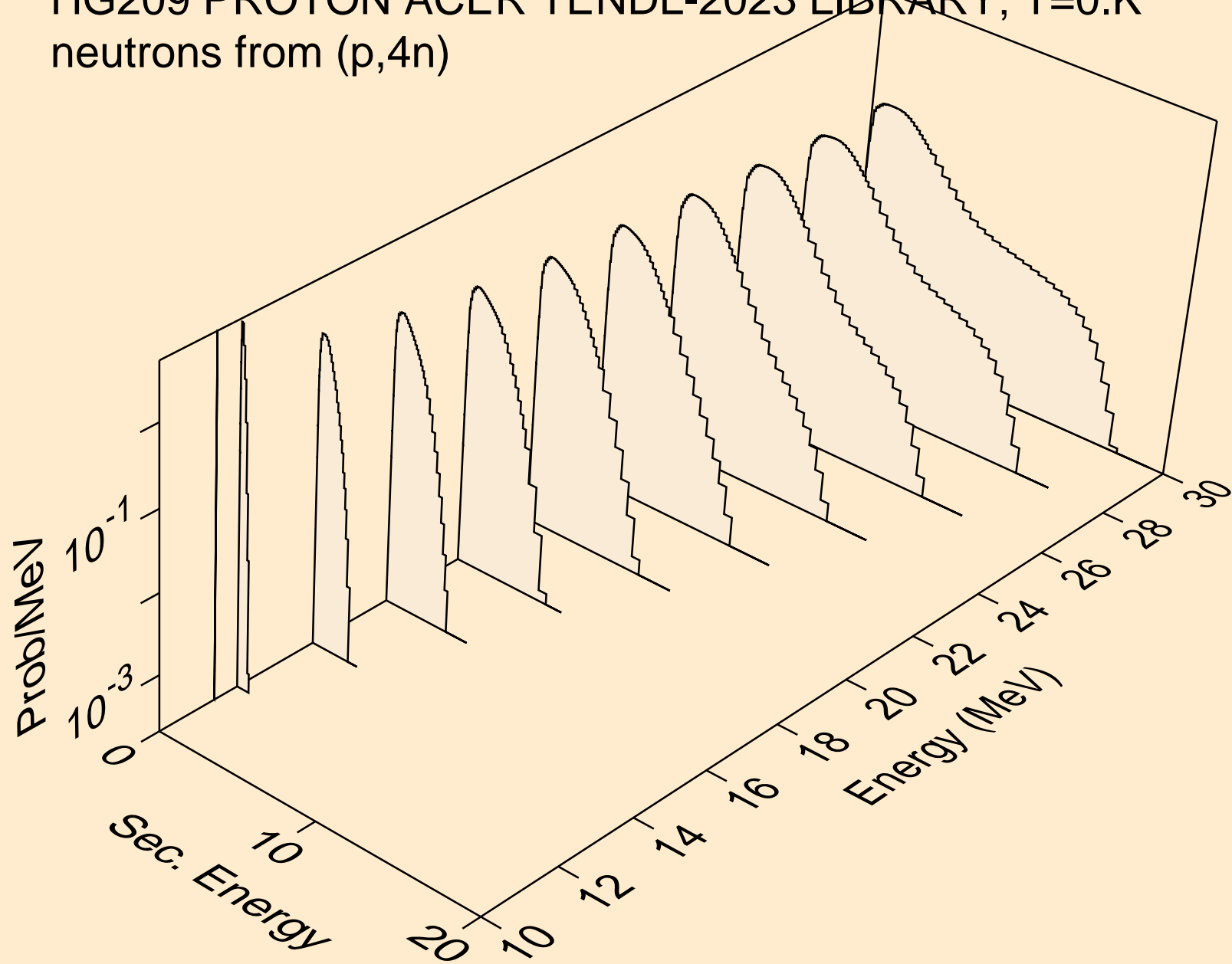
HG209 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)t



HG209 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)he3

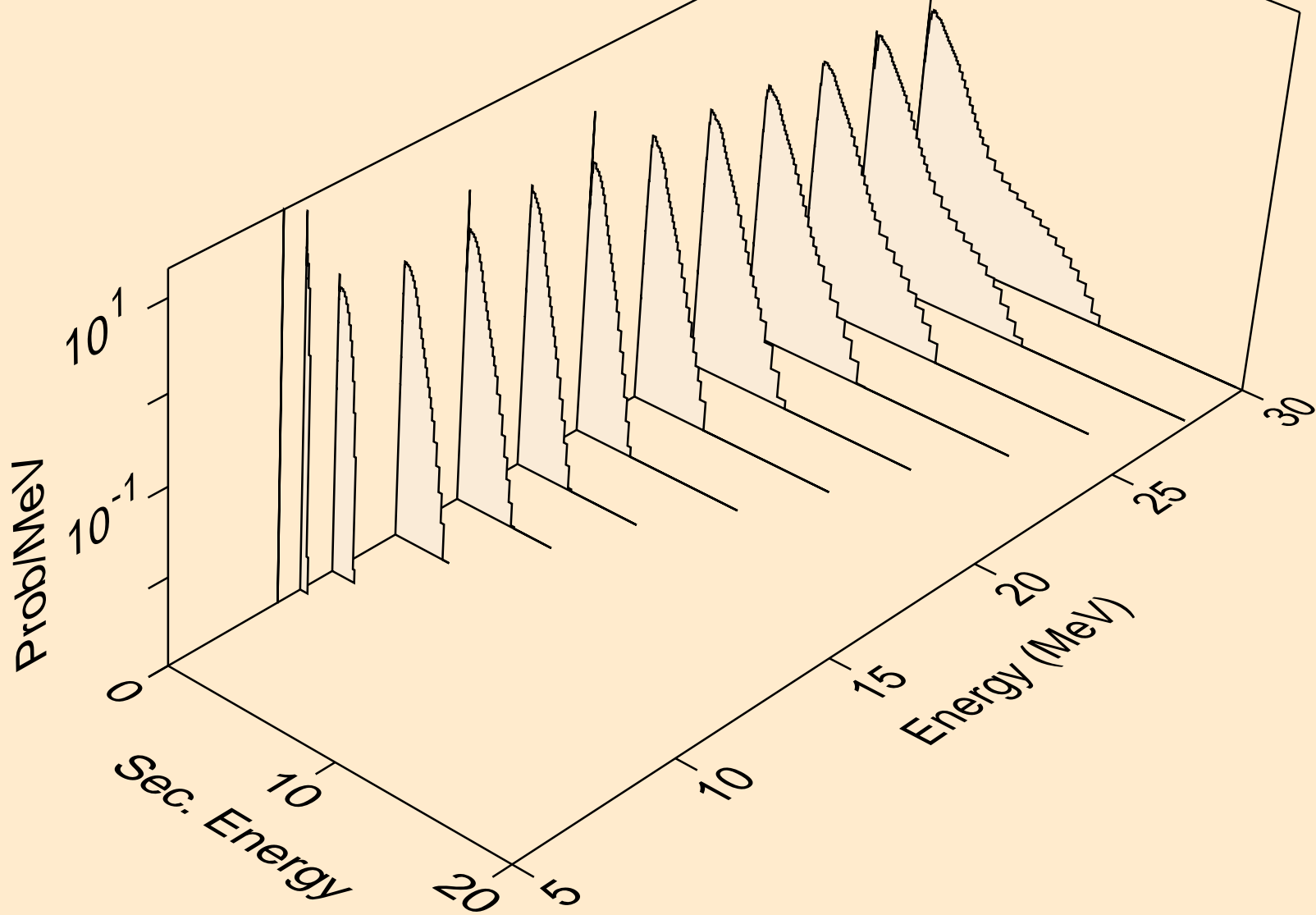


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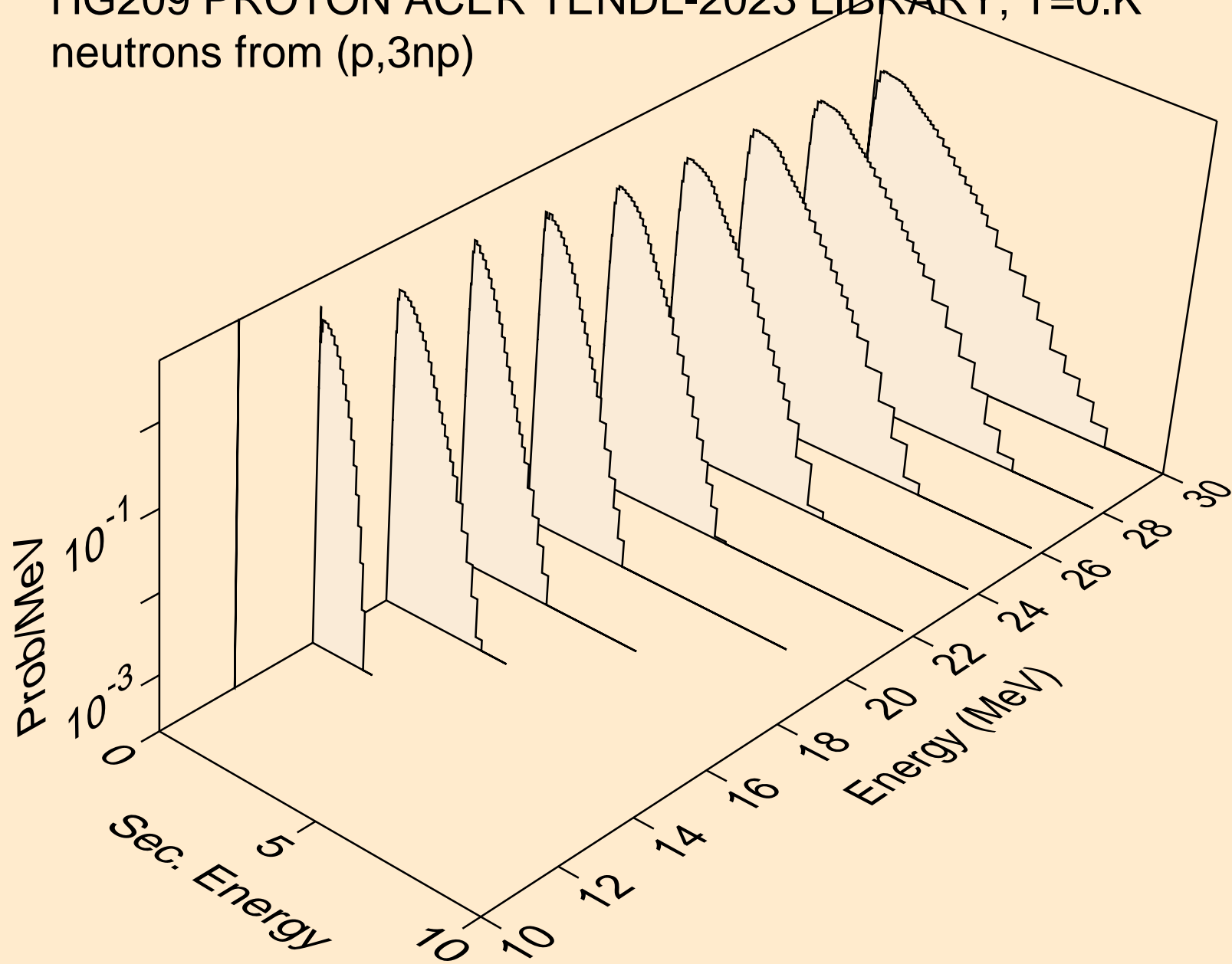




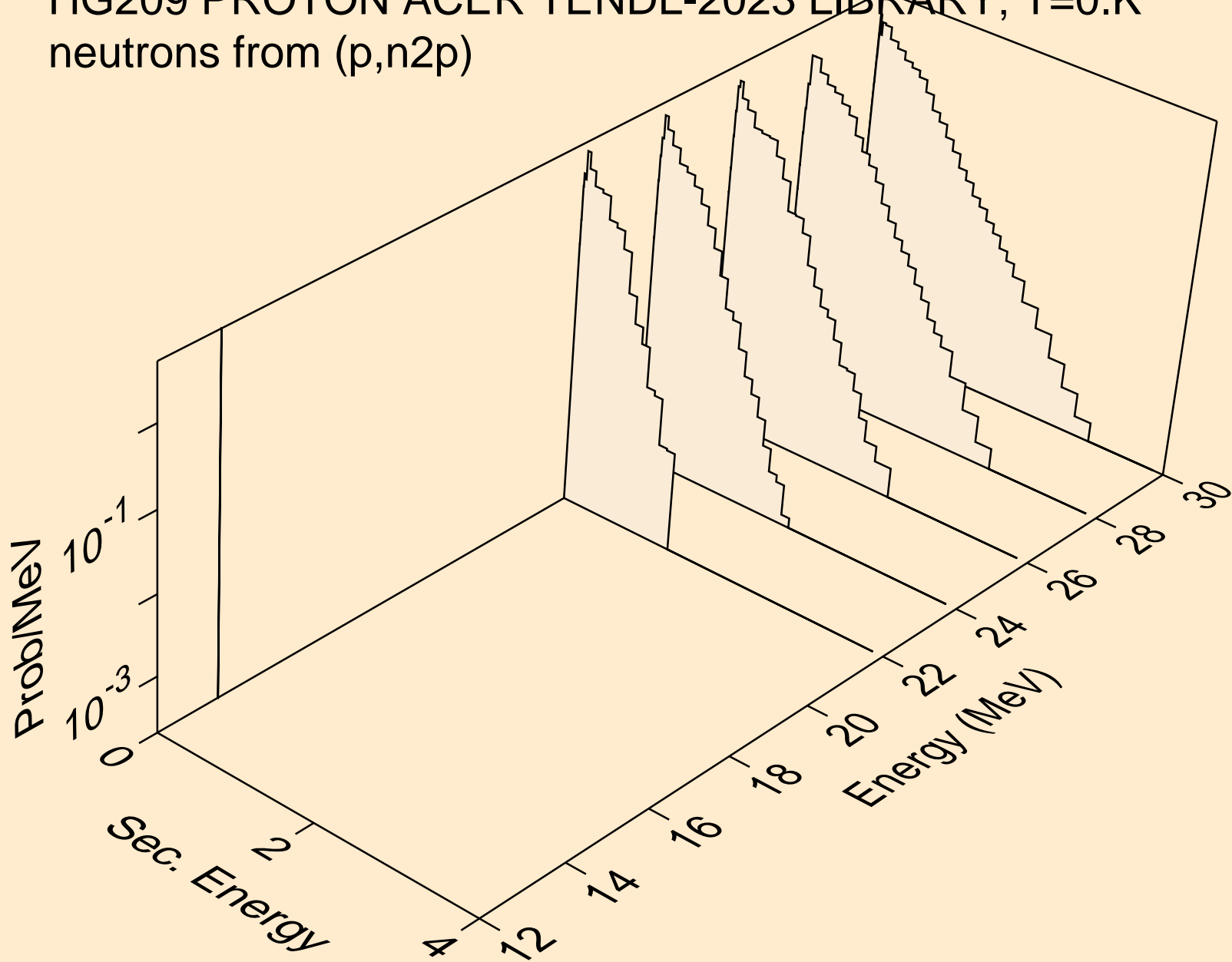
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neutrons from (p,2np)



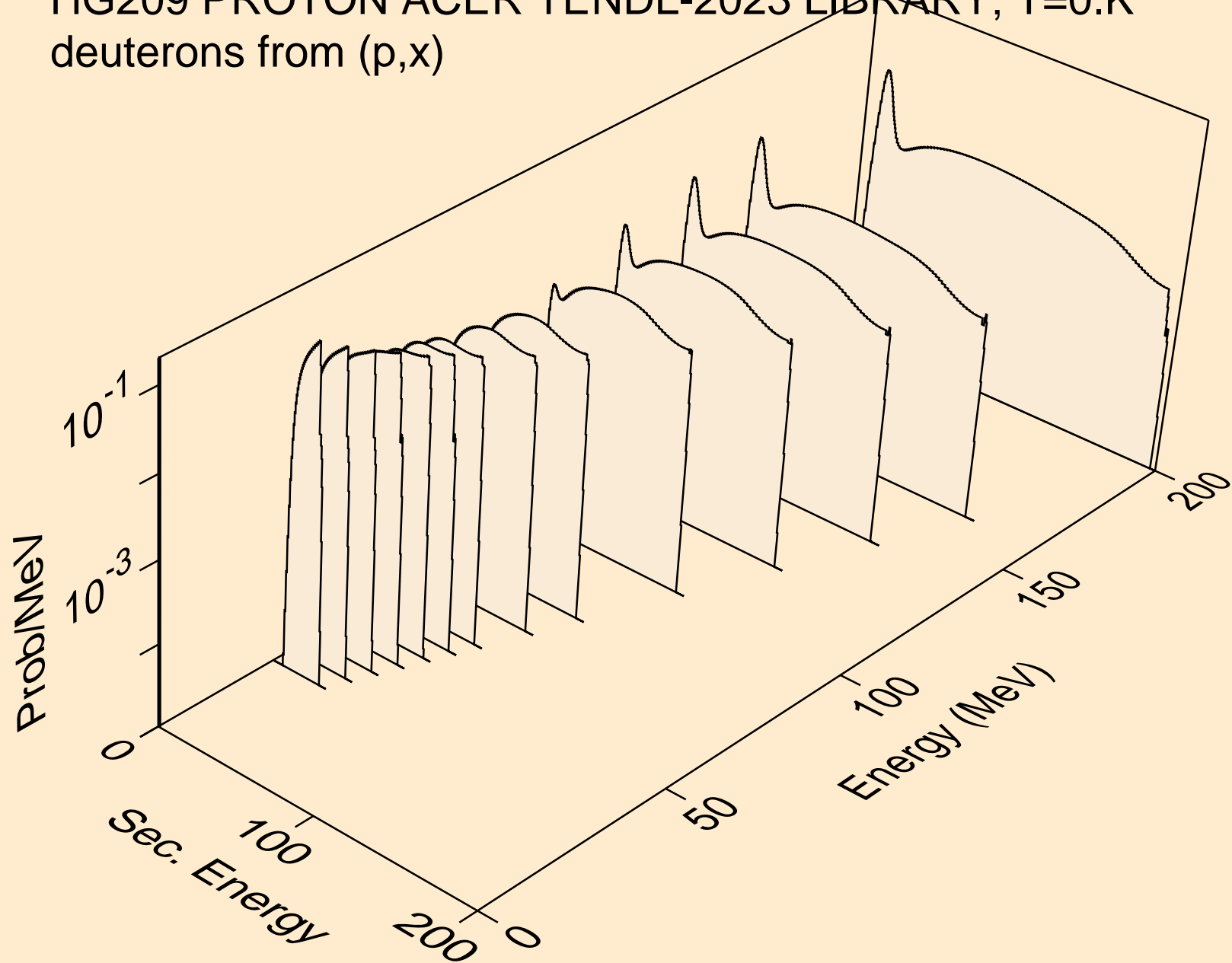
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neutrons from (p,3np)



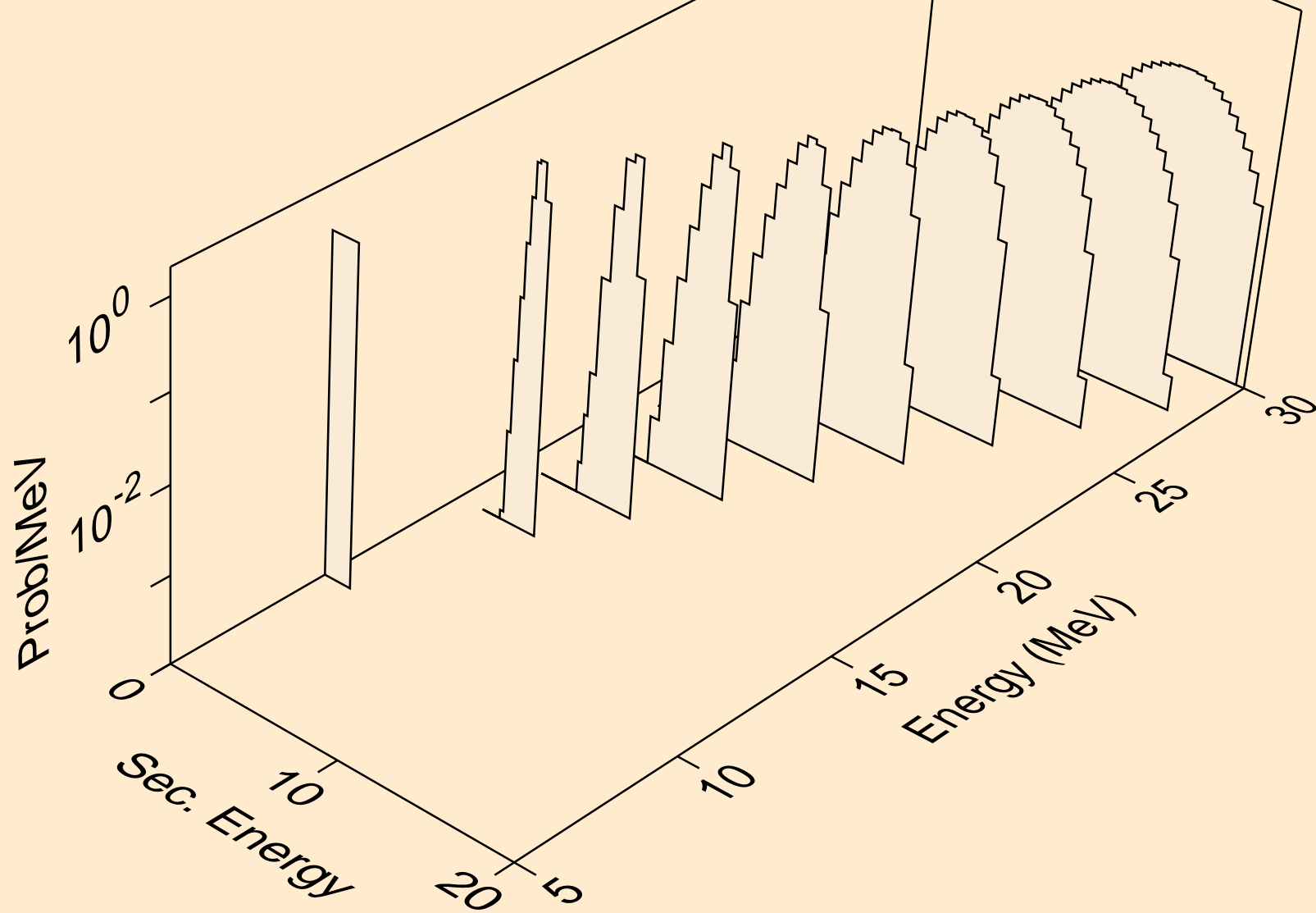
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neutrons from (p,n2p)



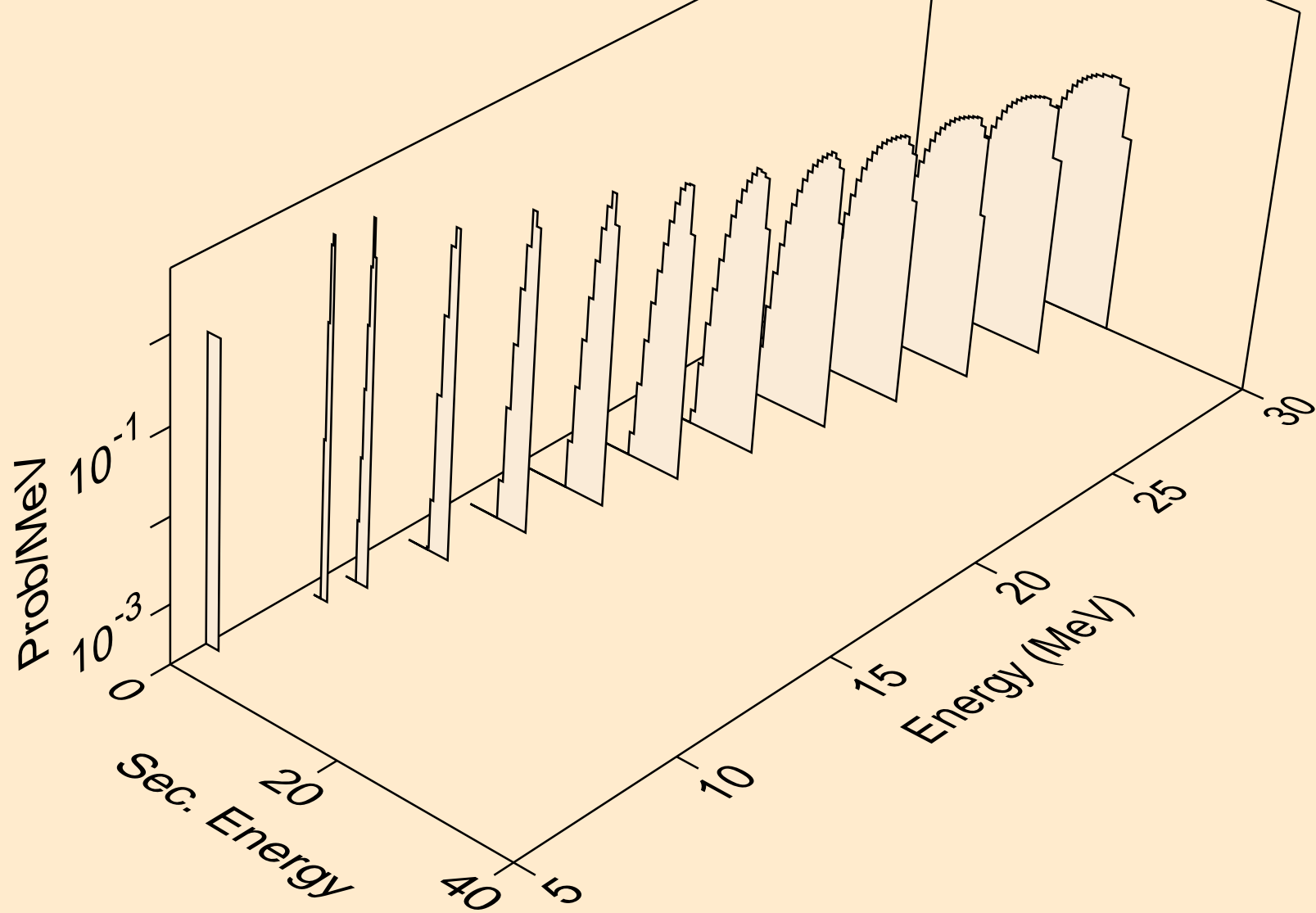
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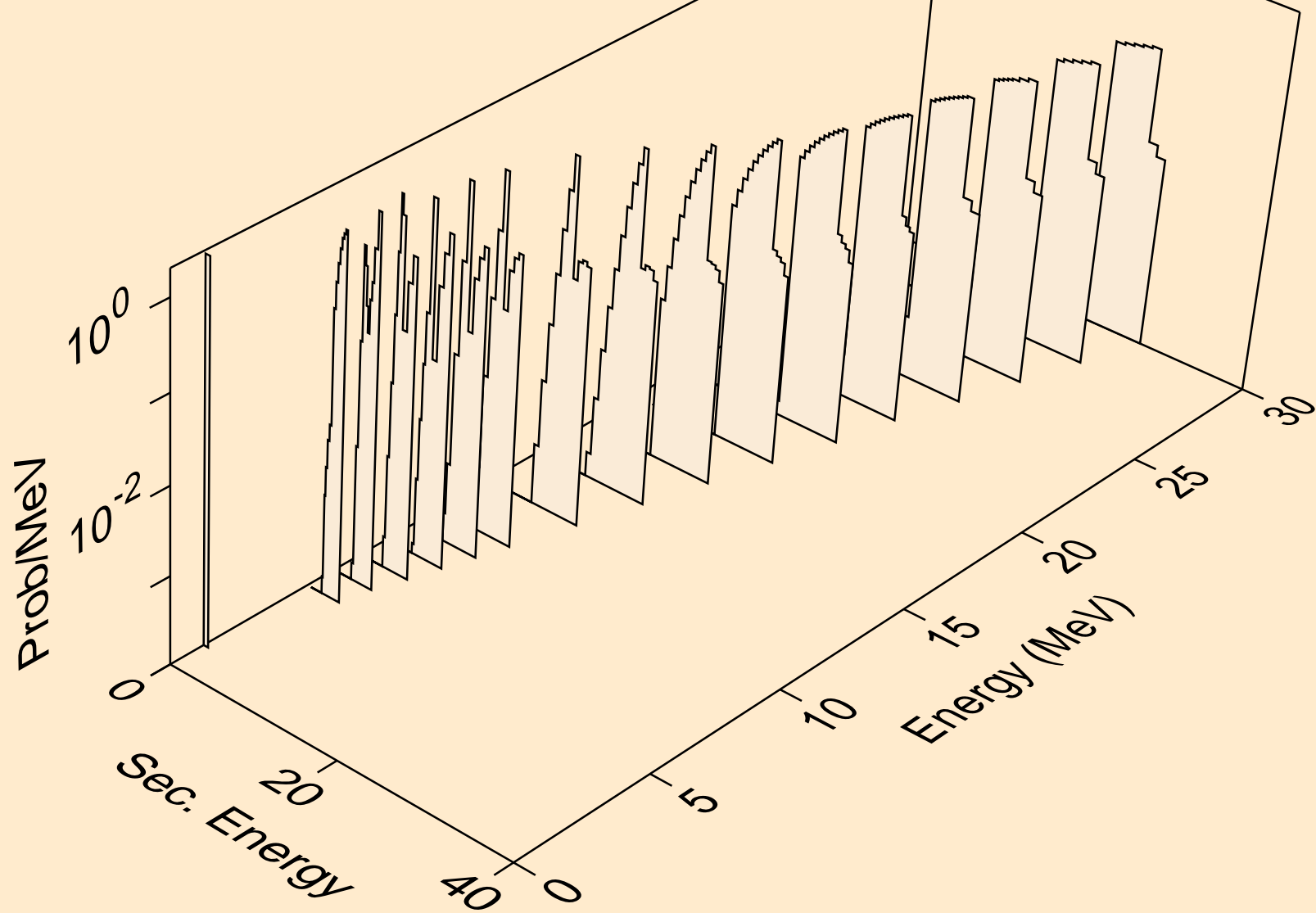
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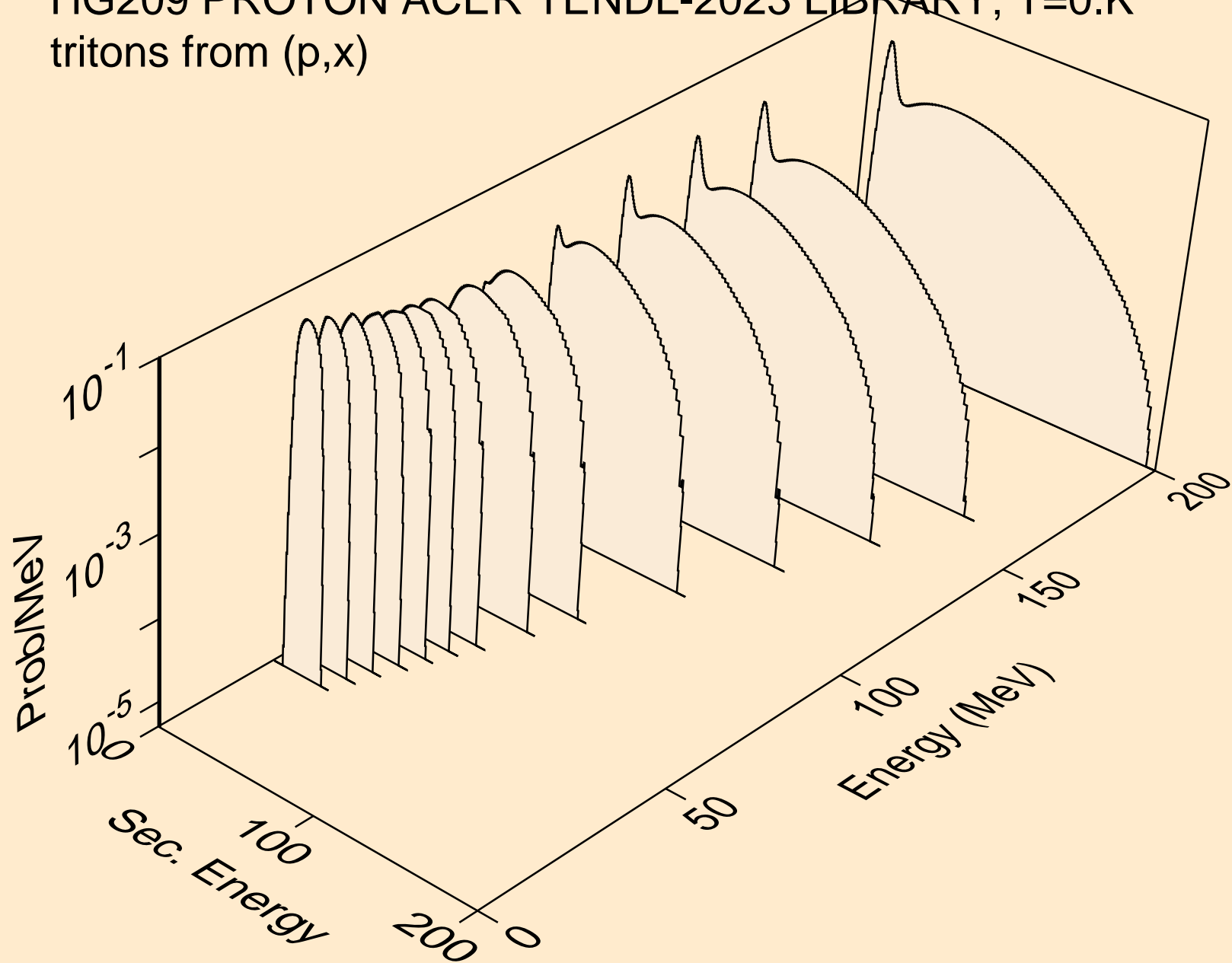
HG209 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,n\*)d



HG209 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,d)

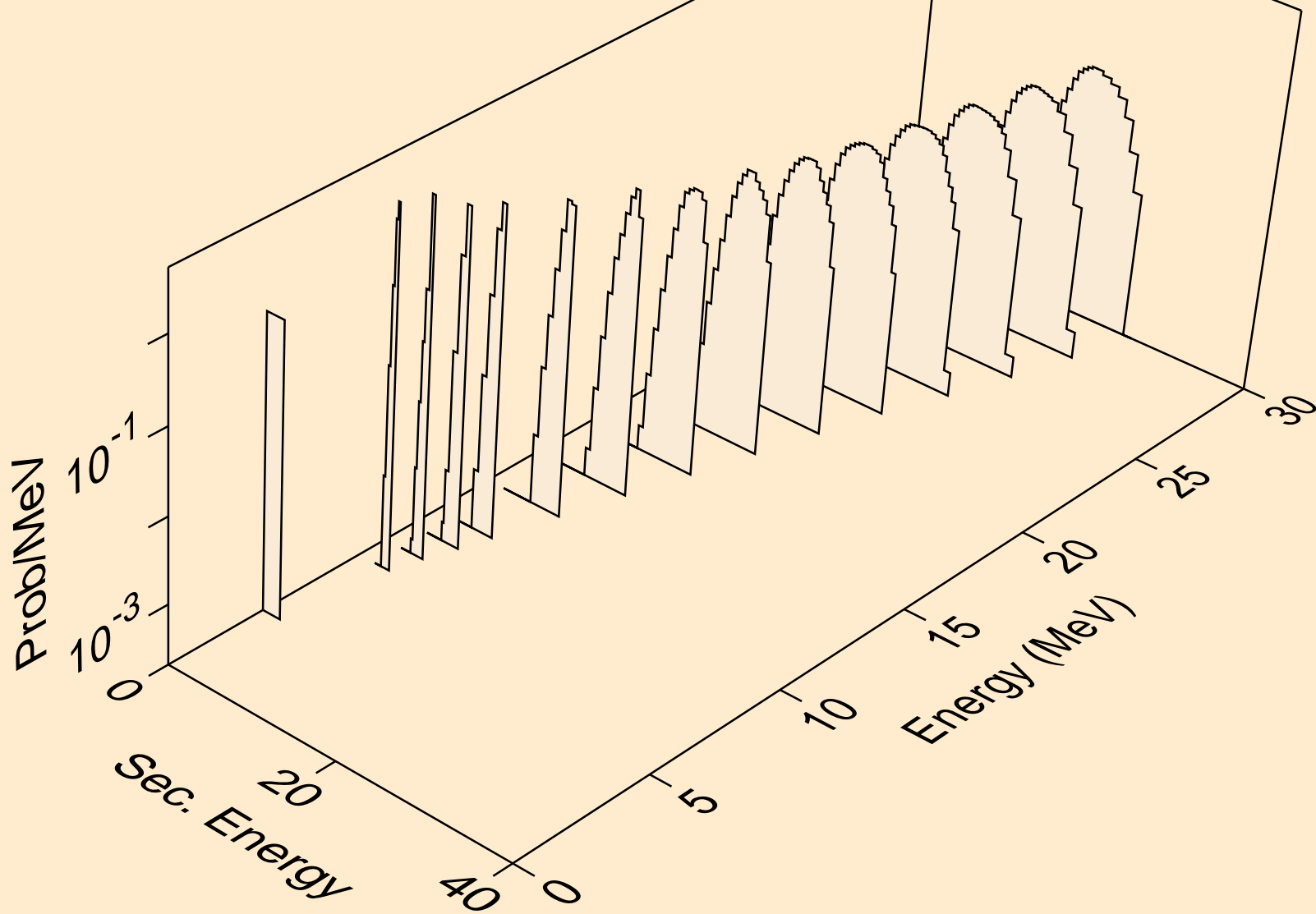


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tritons from (p,x)

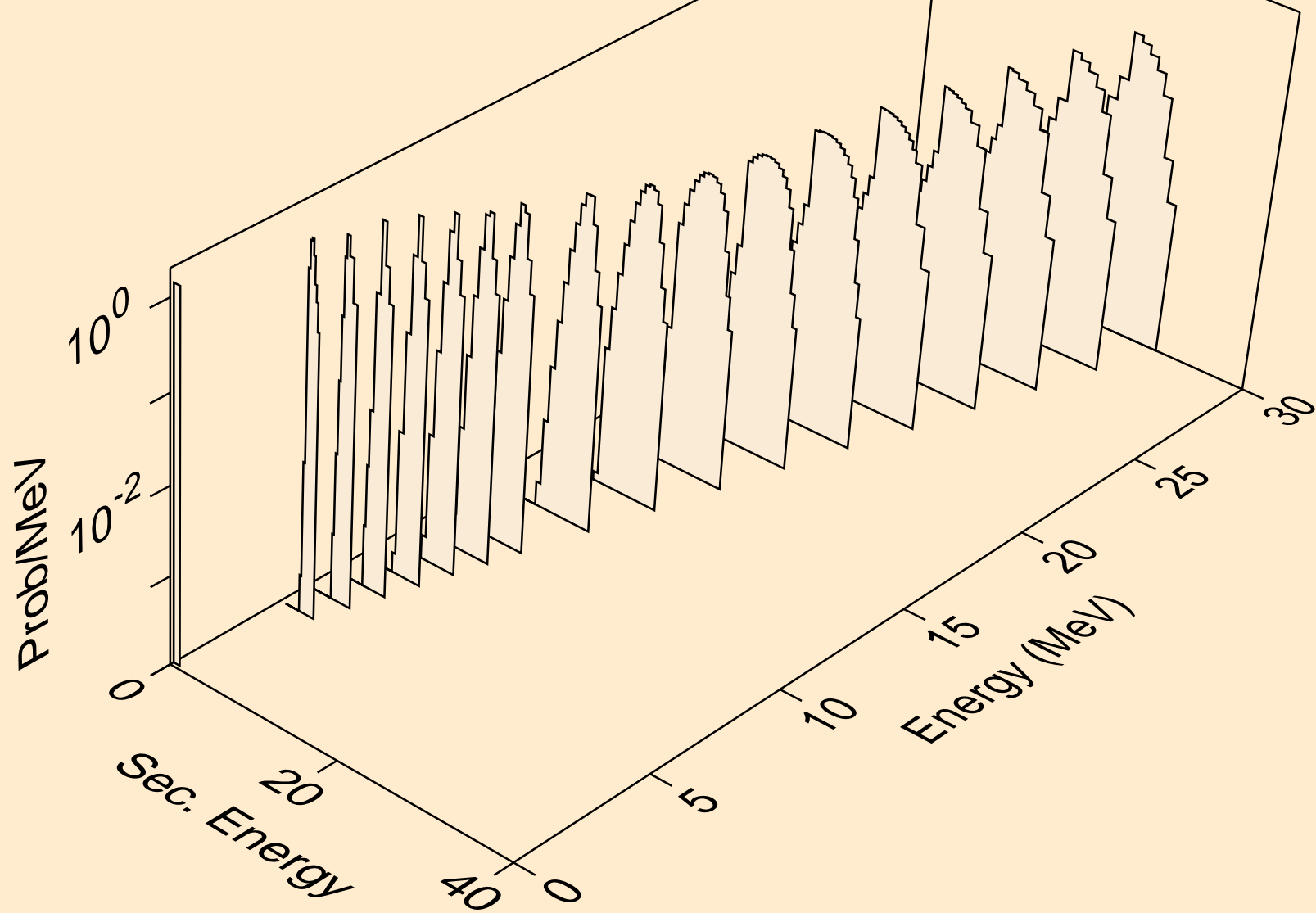




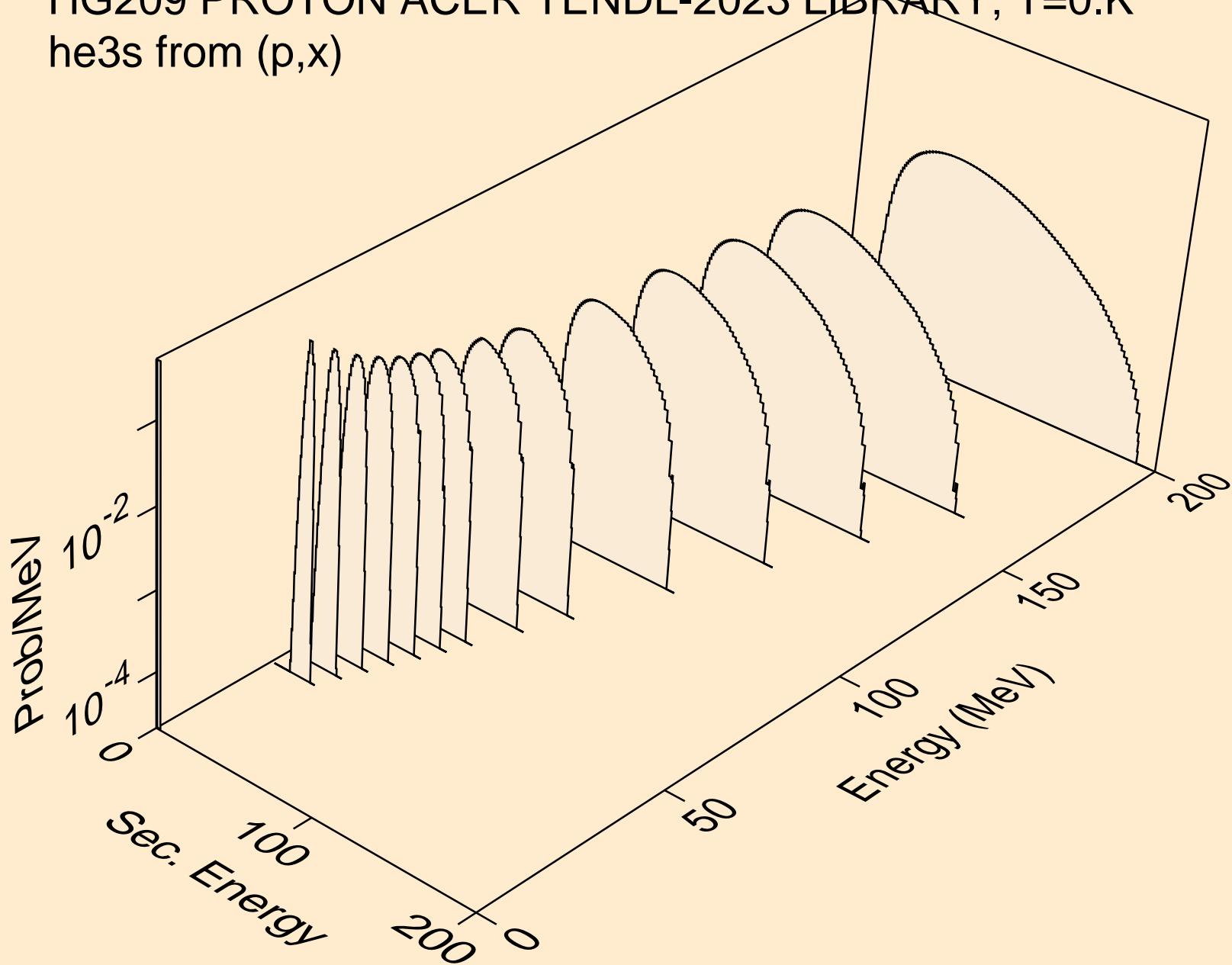
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tritons from (p,n\*)t



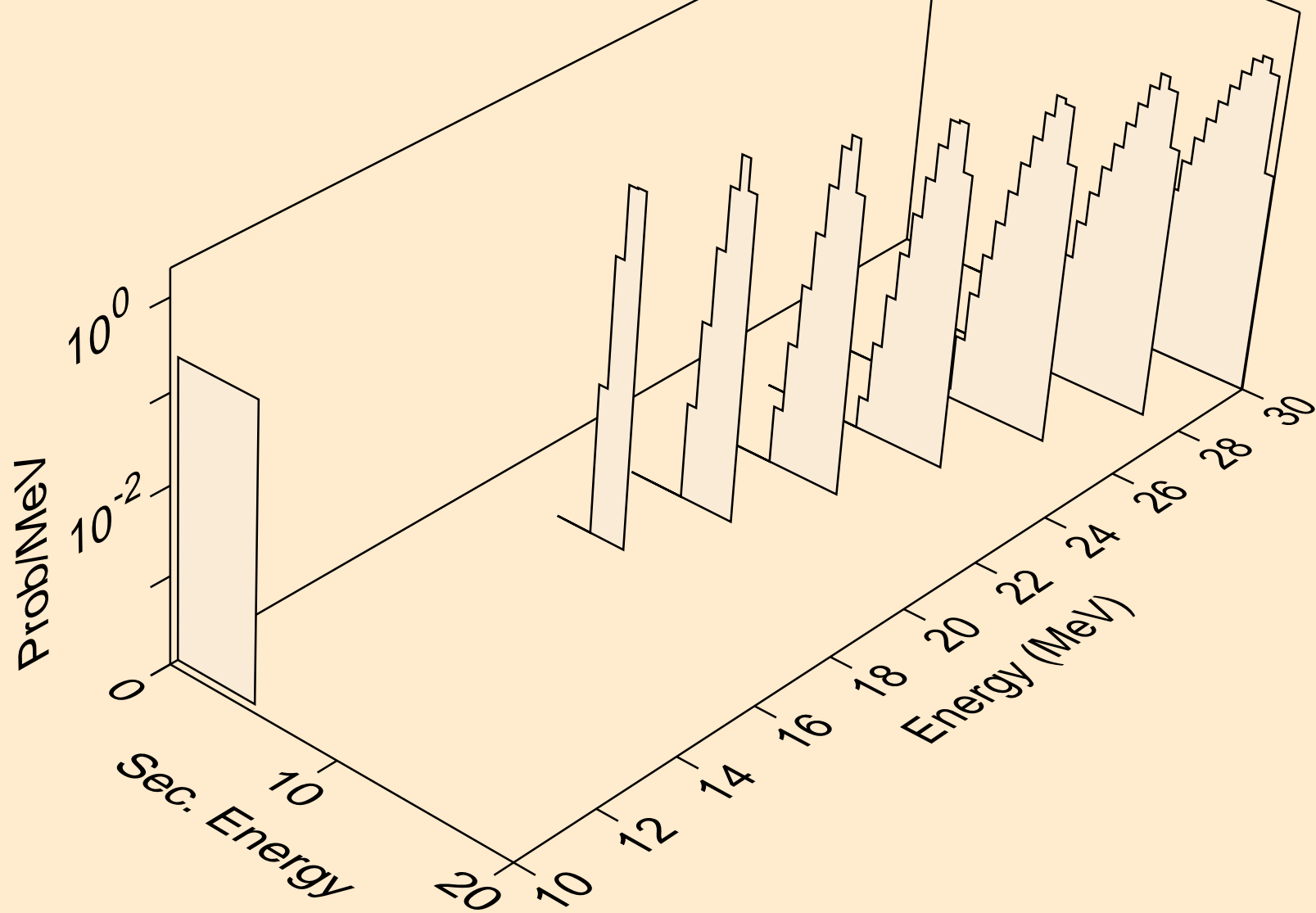
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tritons from (p,t)



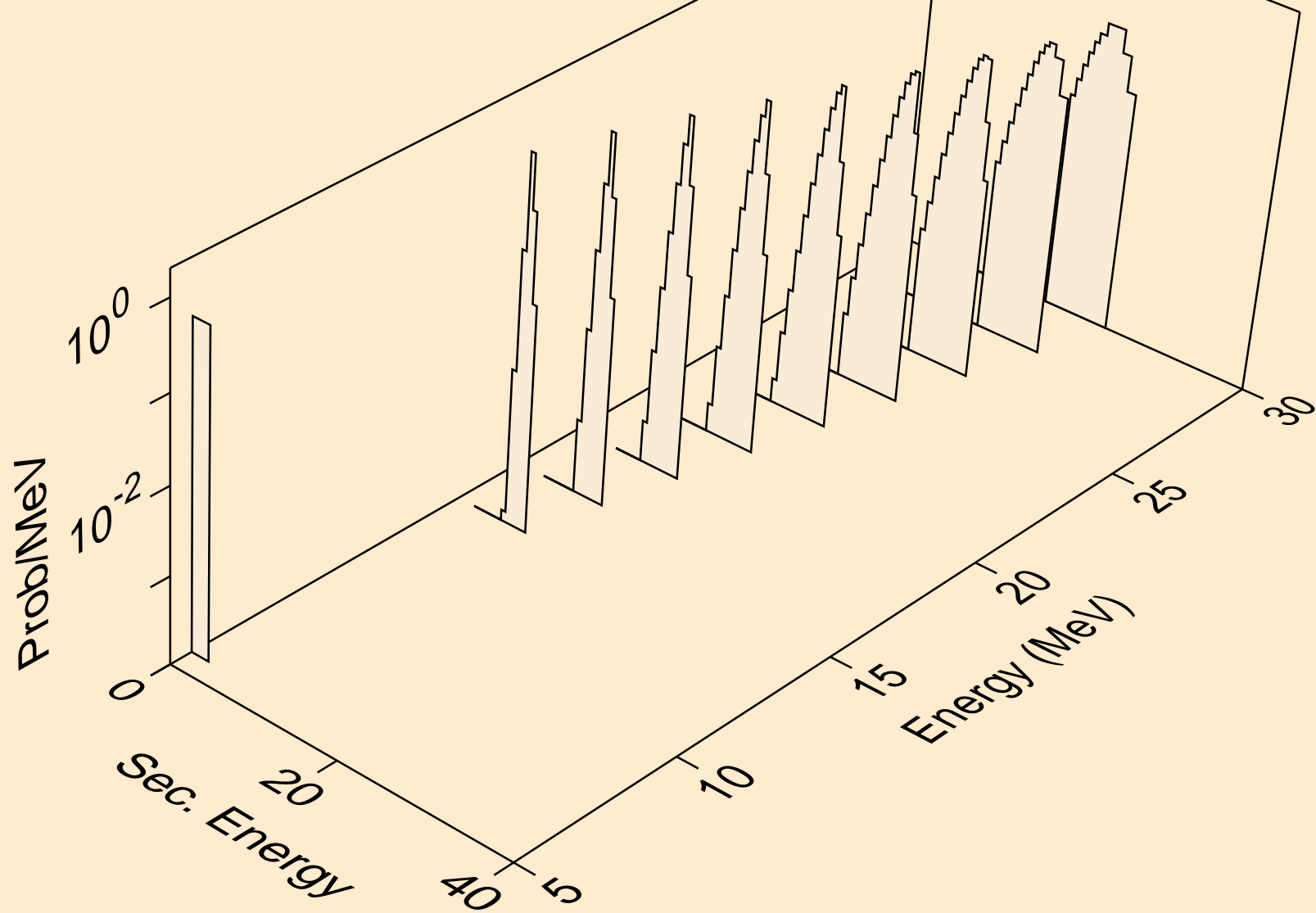
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he3s from (p,x)



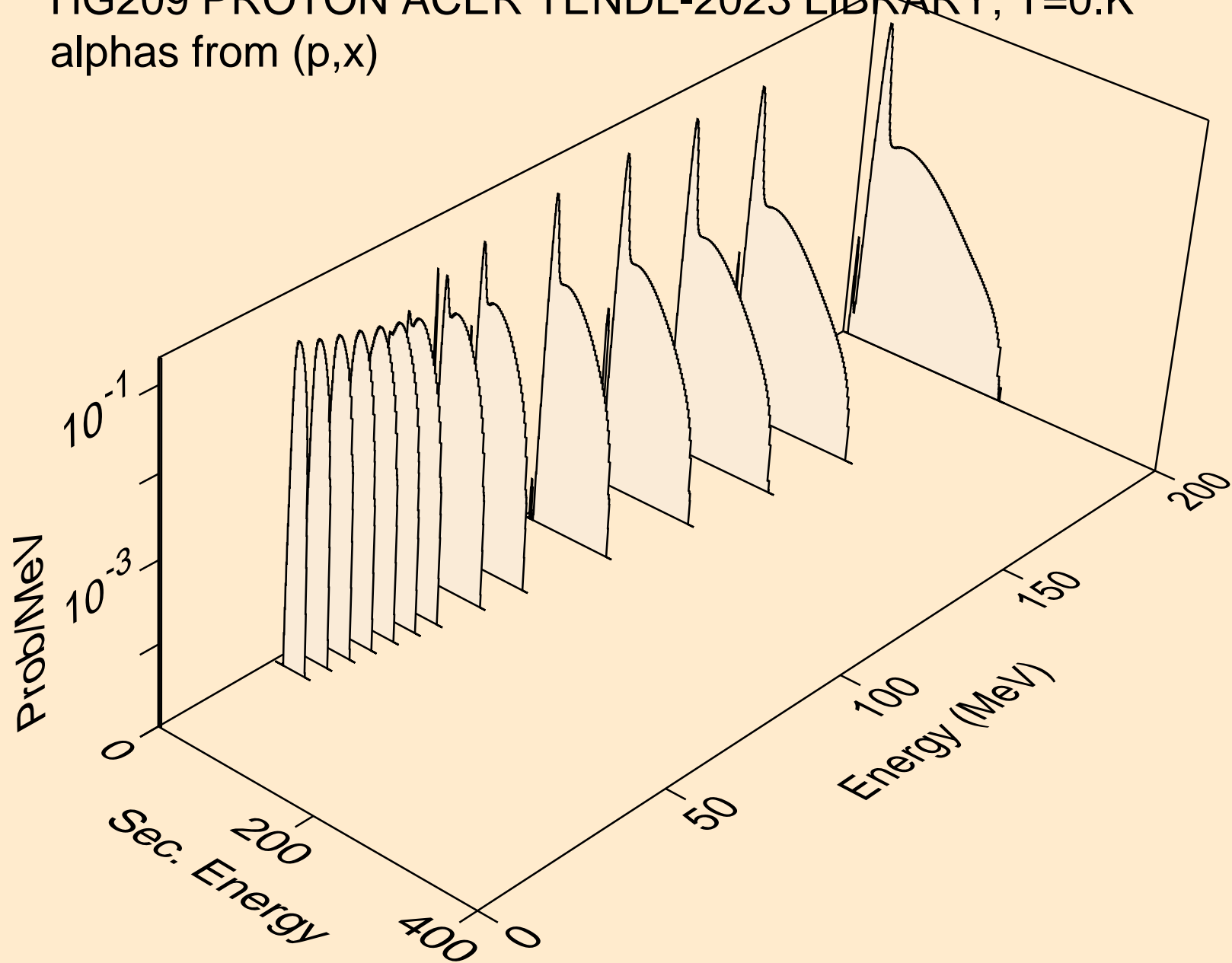
HG209 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,n\*)he3



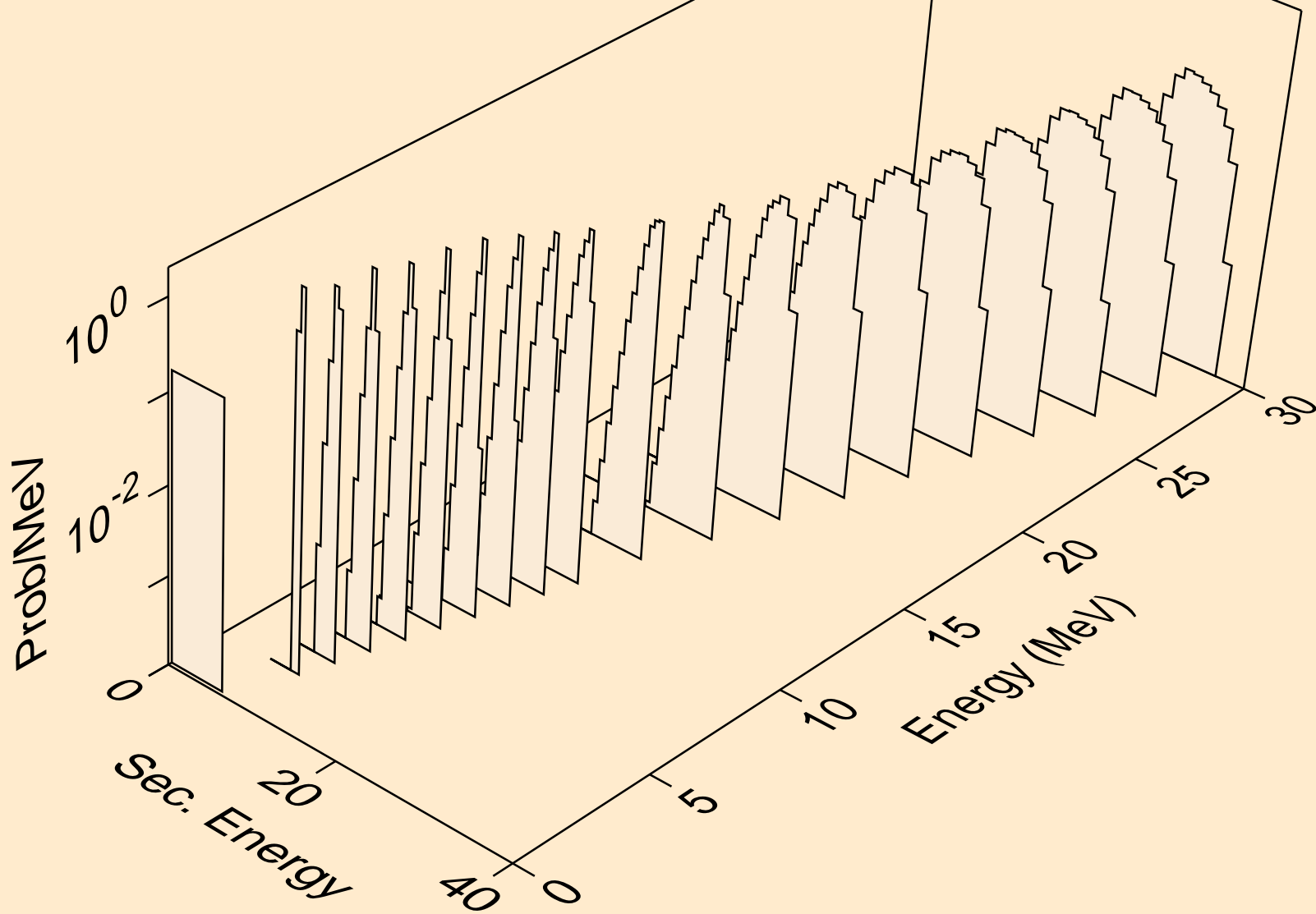
HG209 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,he3)



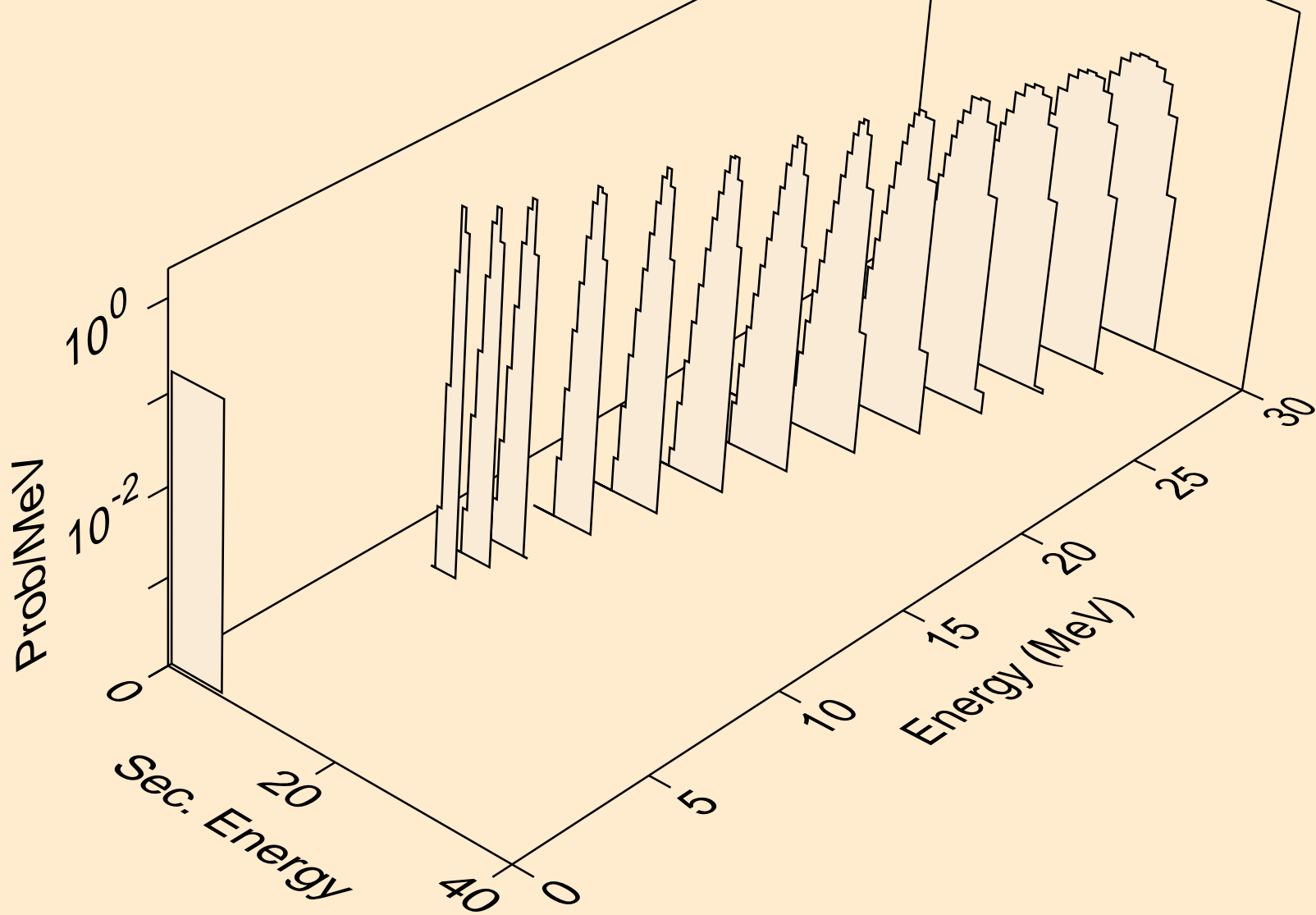
HG209 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)



HG209 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a

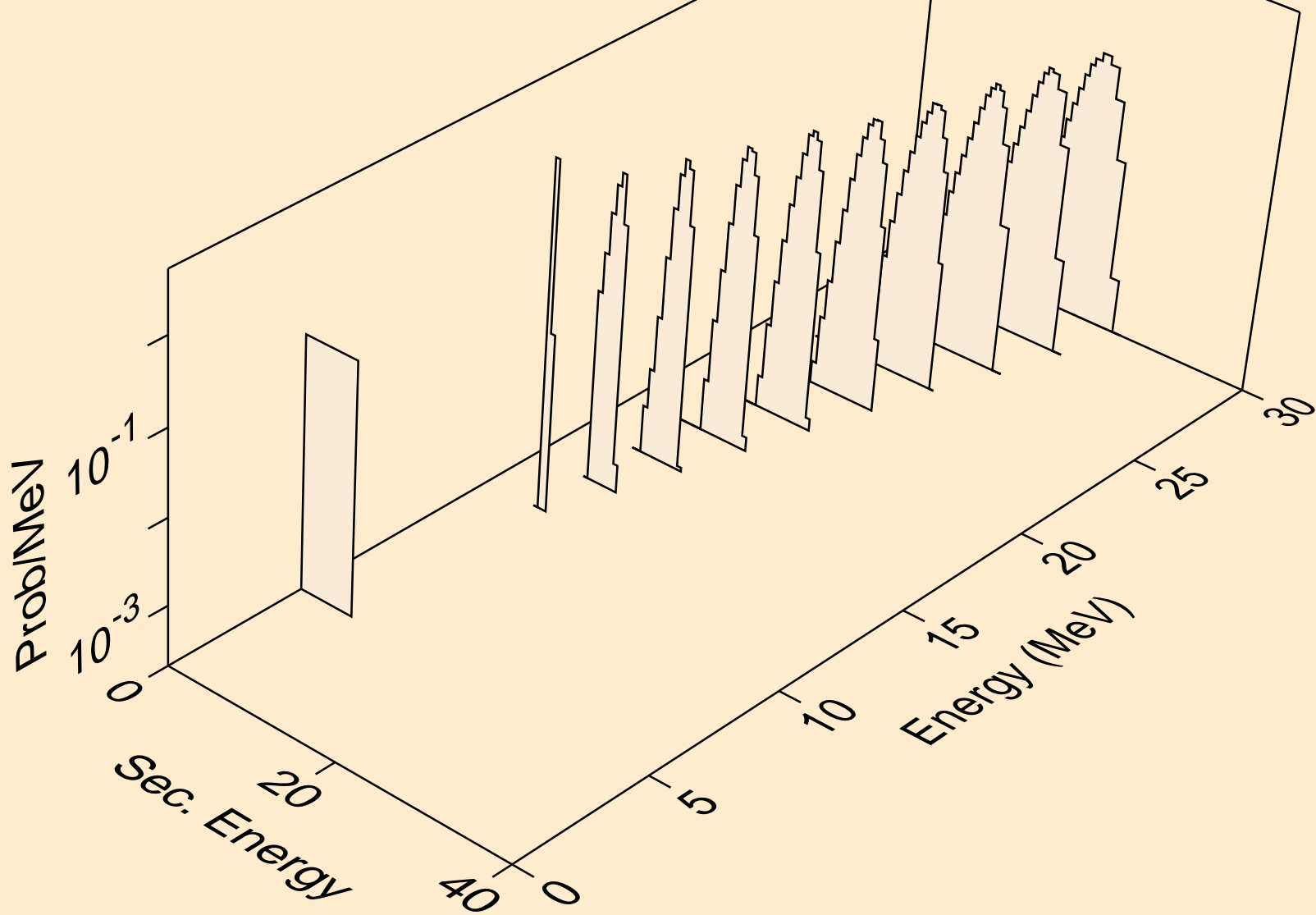


HG209 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)a





HG209 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,3n)a



HG209 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)

