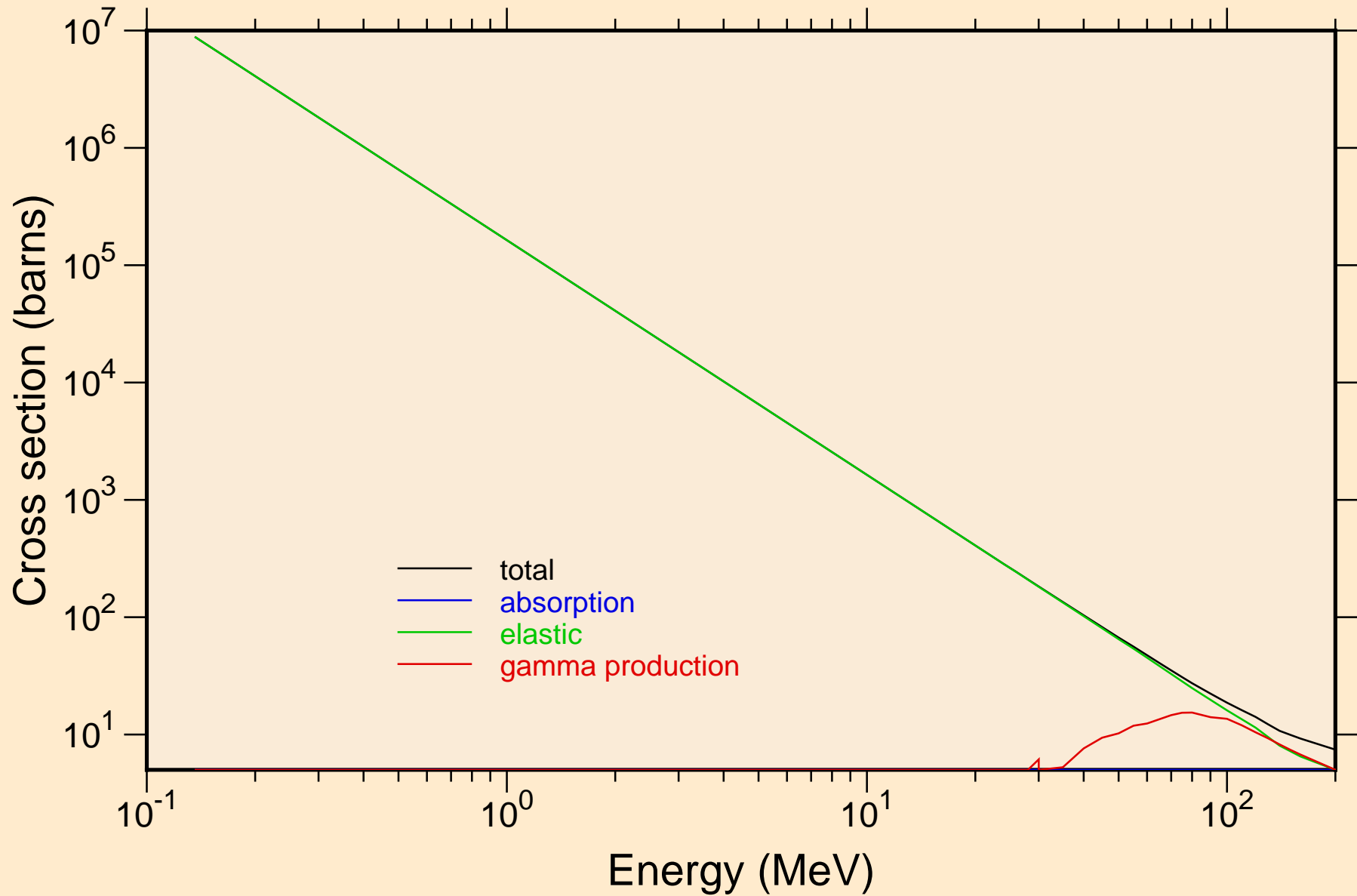


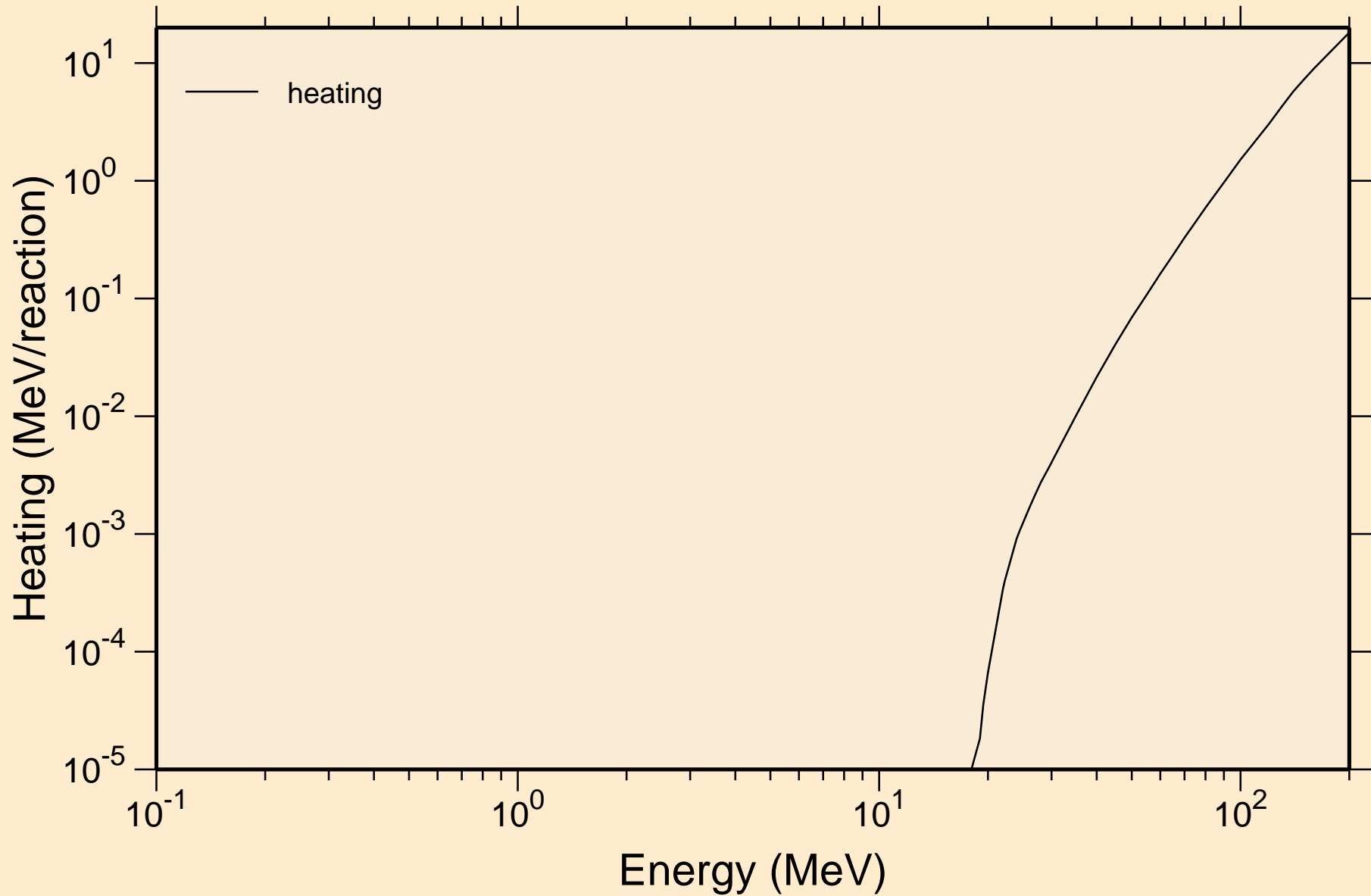
# HG197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



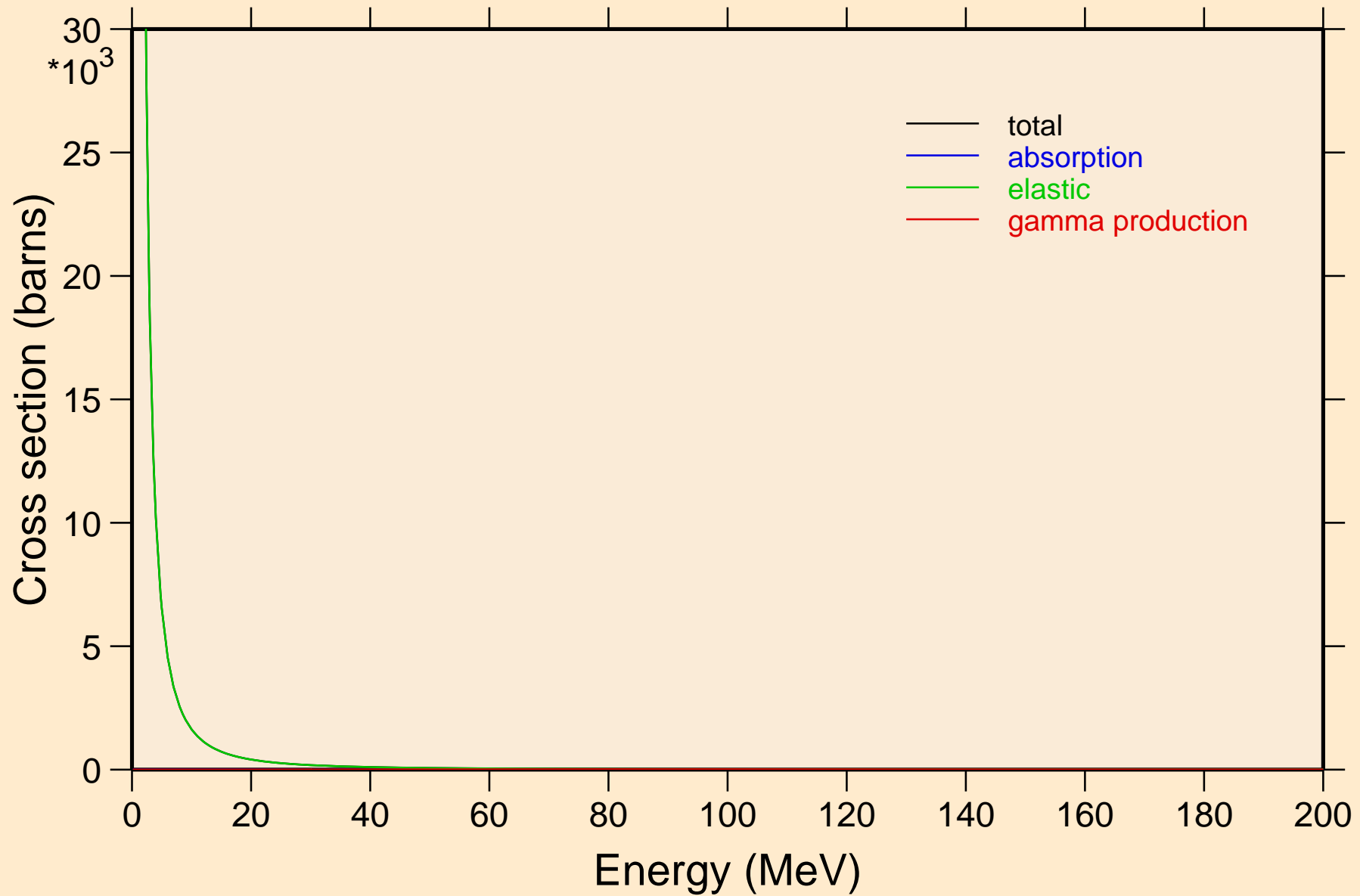
# HG197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Heating



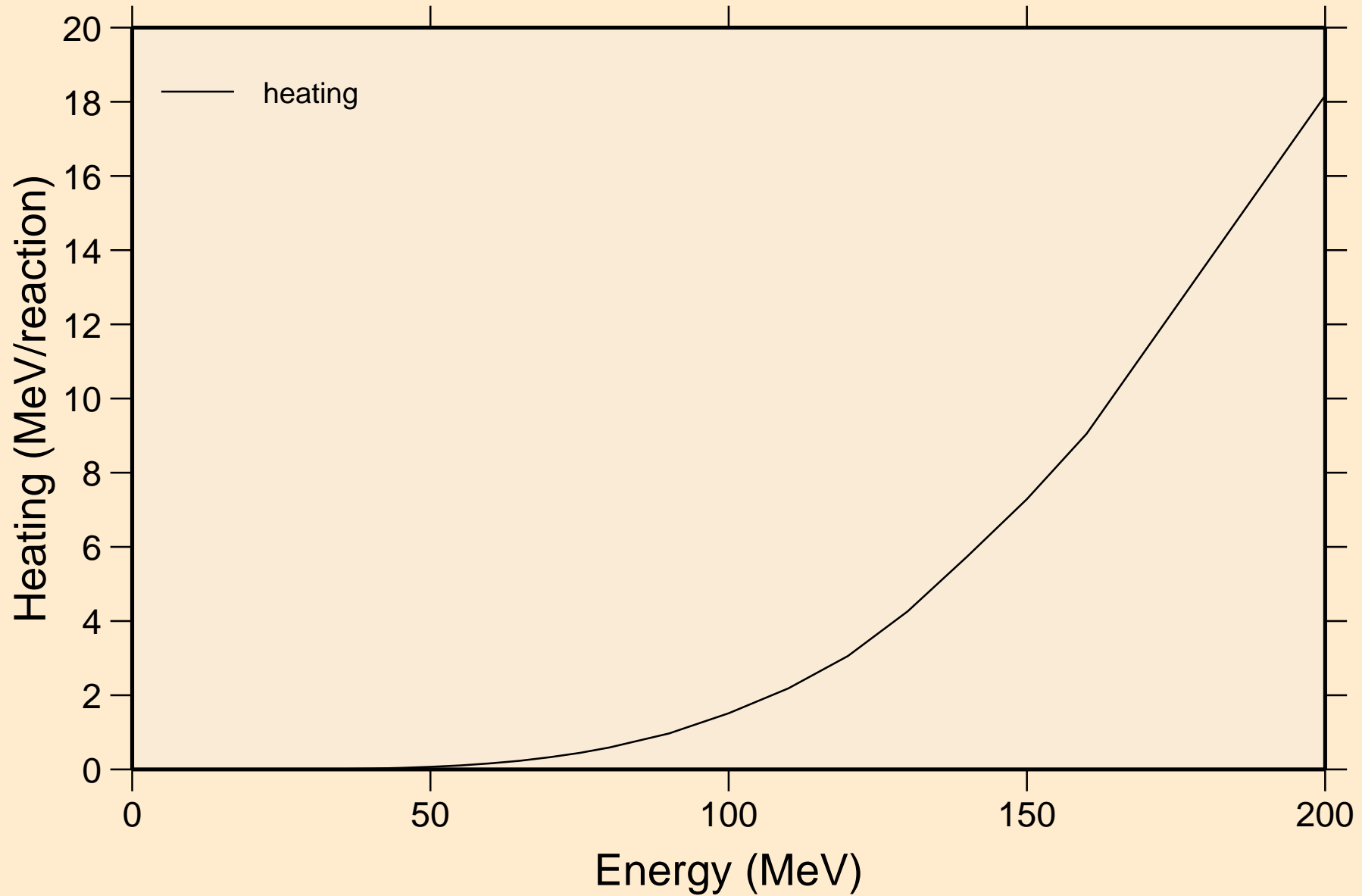
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## Principal cross sections



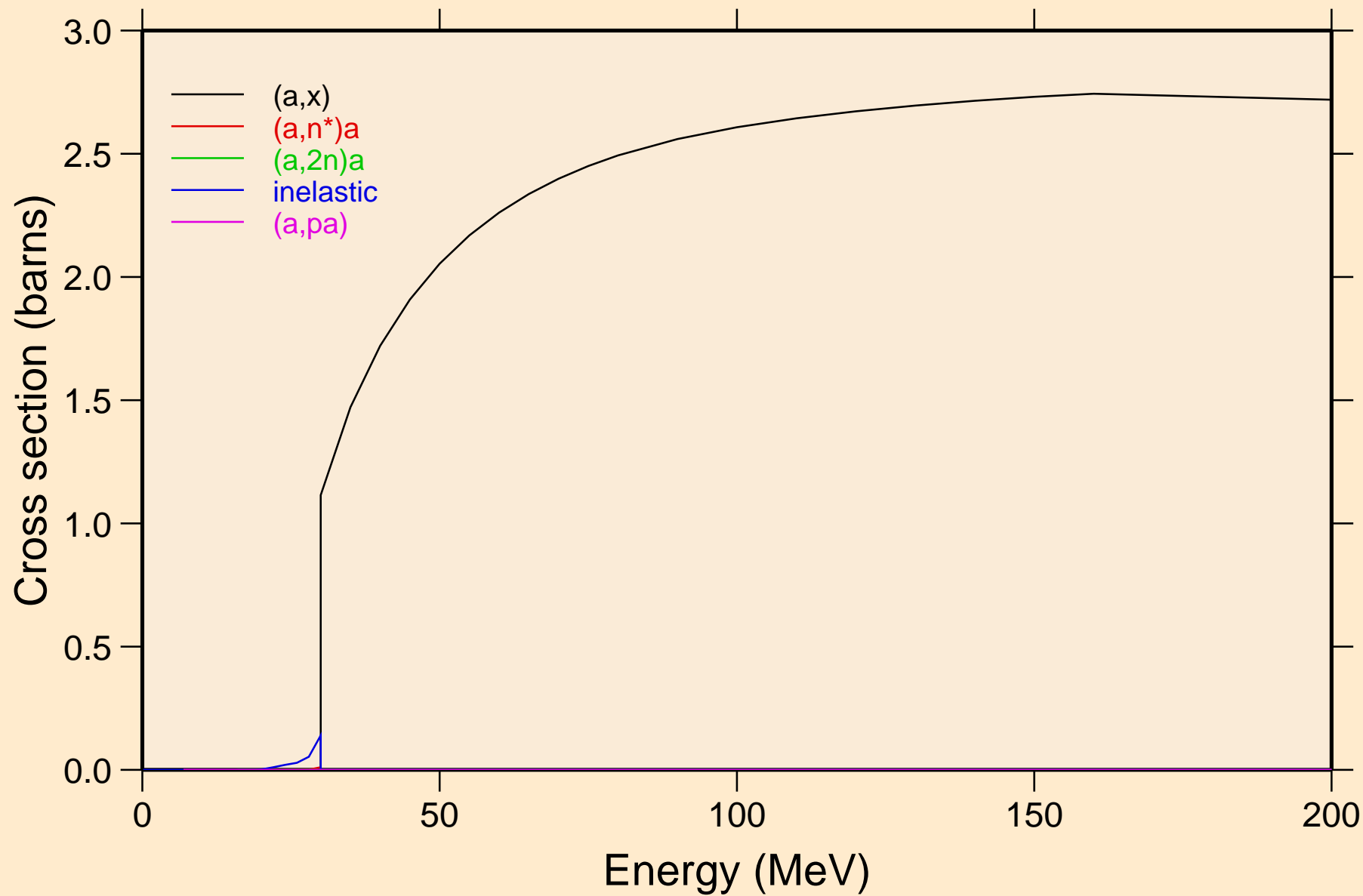
HG197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating

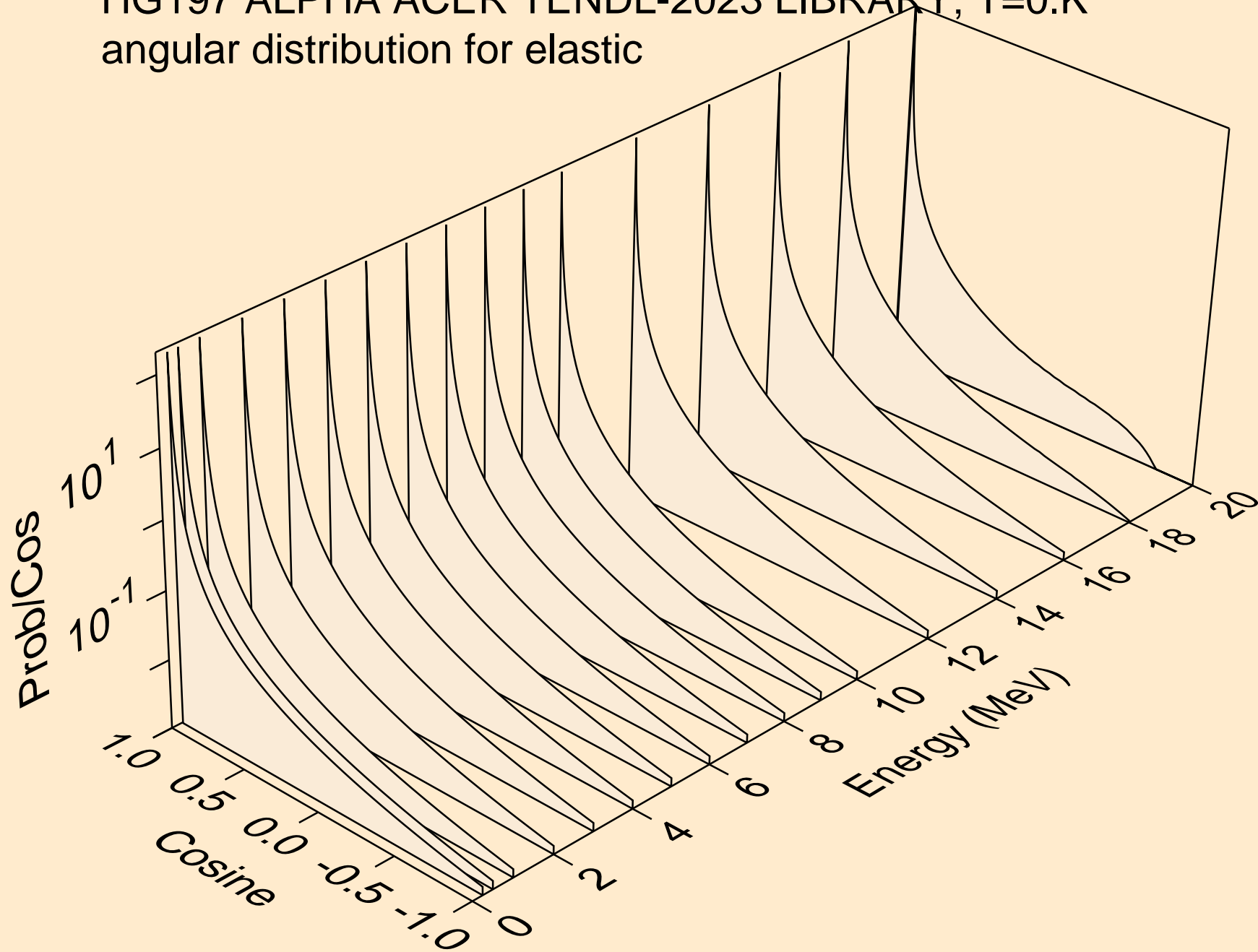


# HG197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

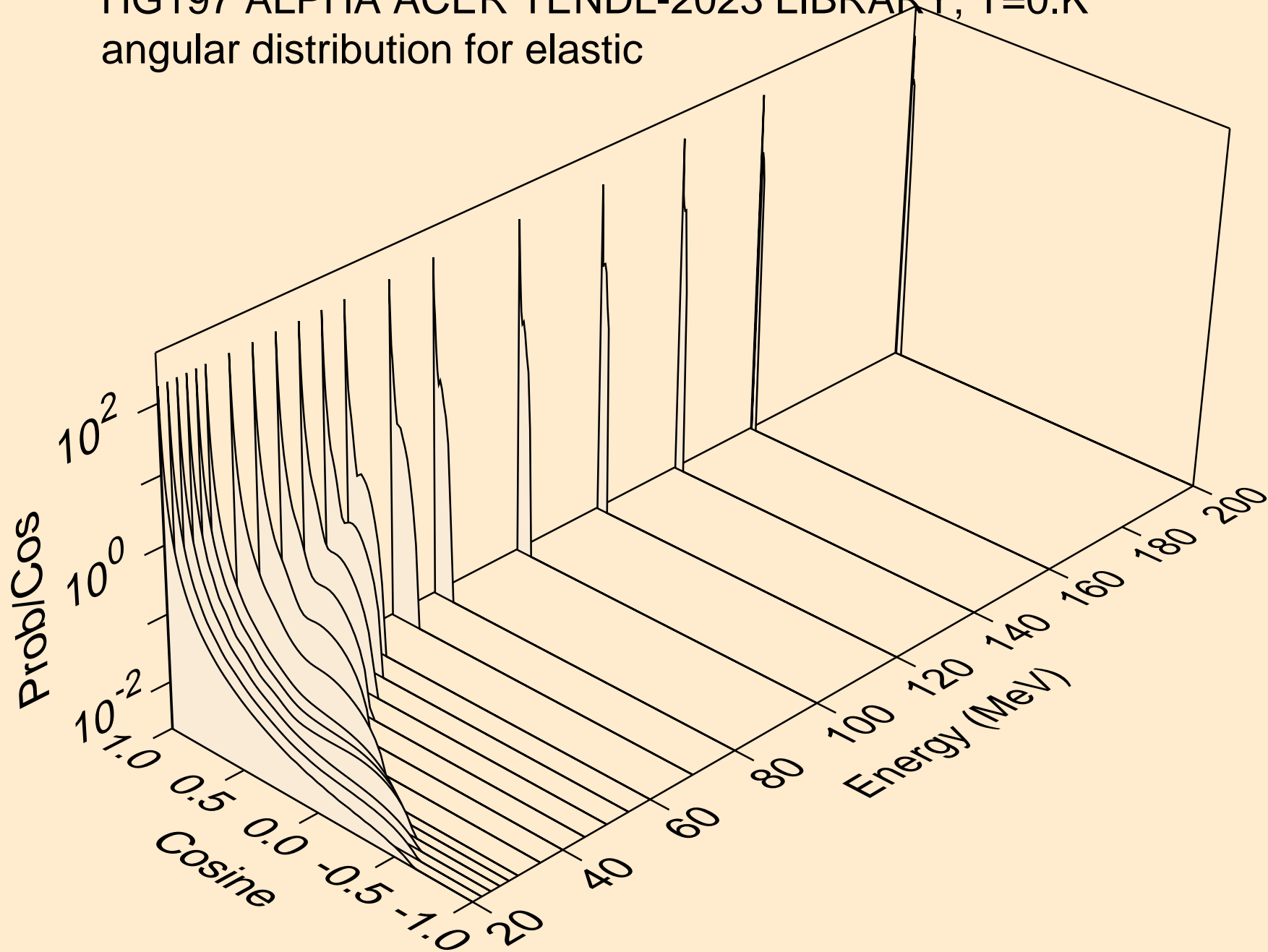
## Threshold reactions



HG197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

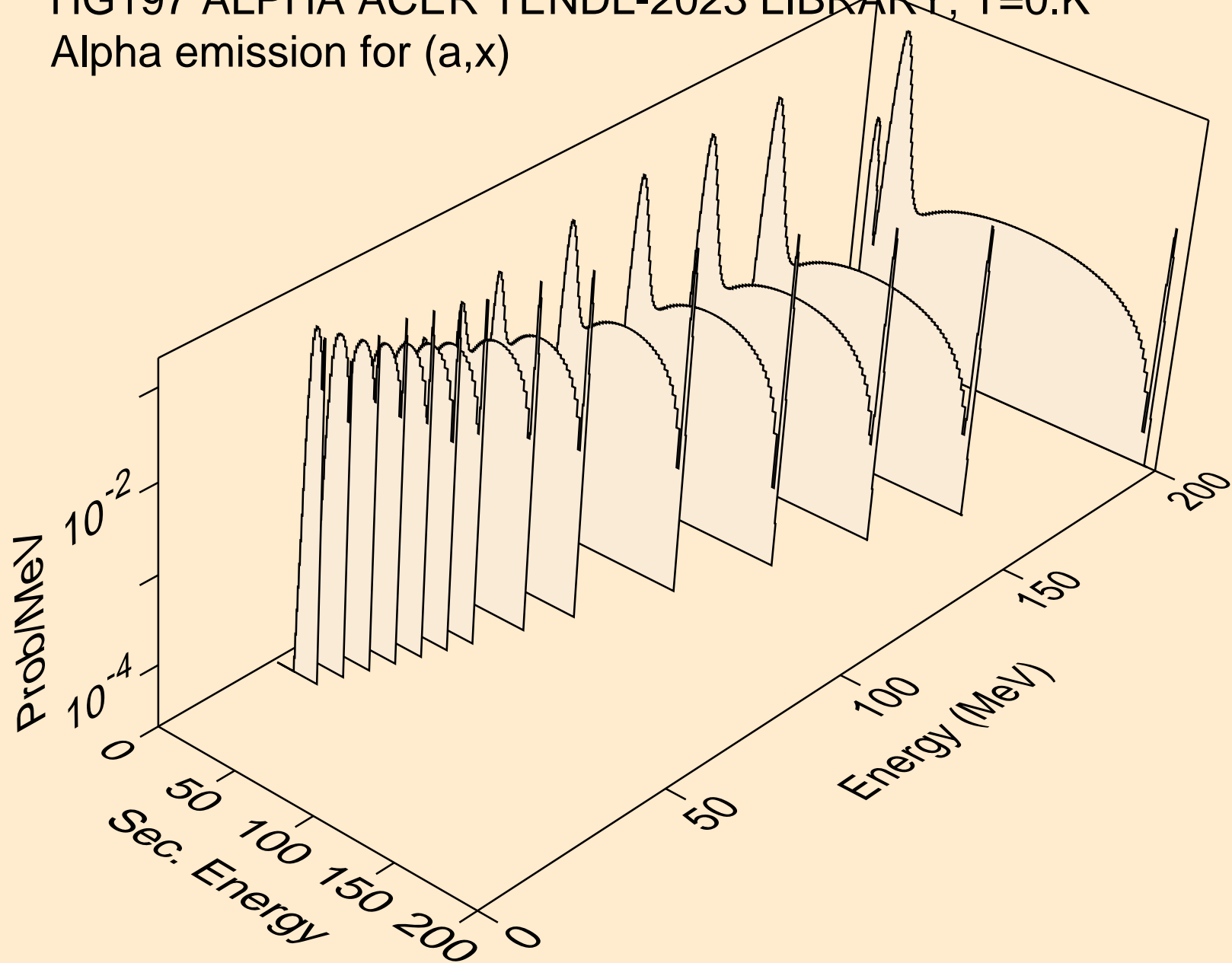


HG197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



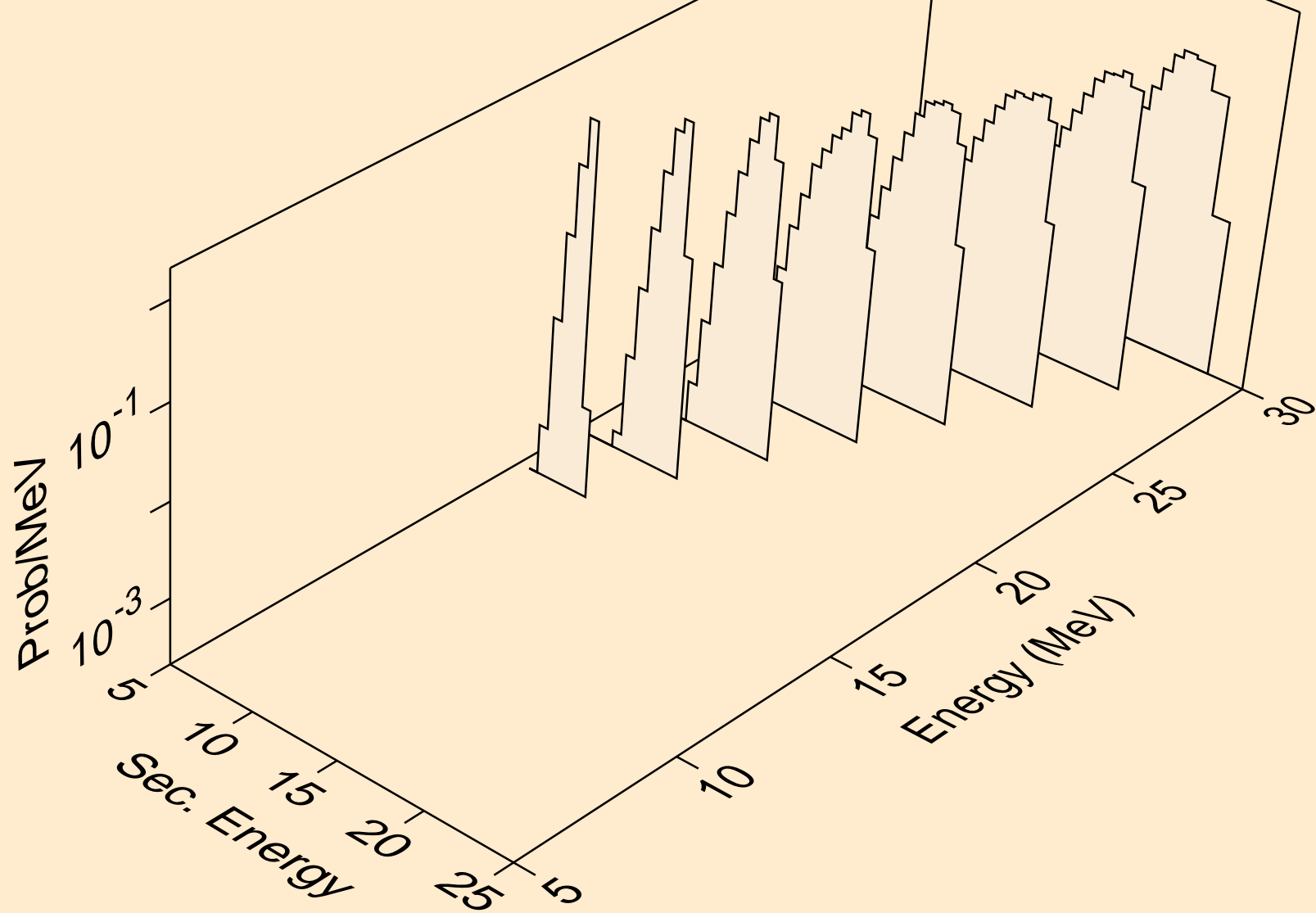
HG197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,x)

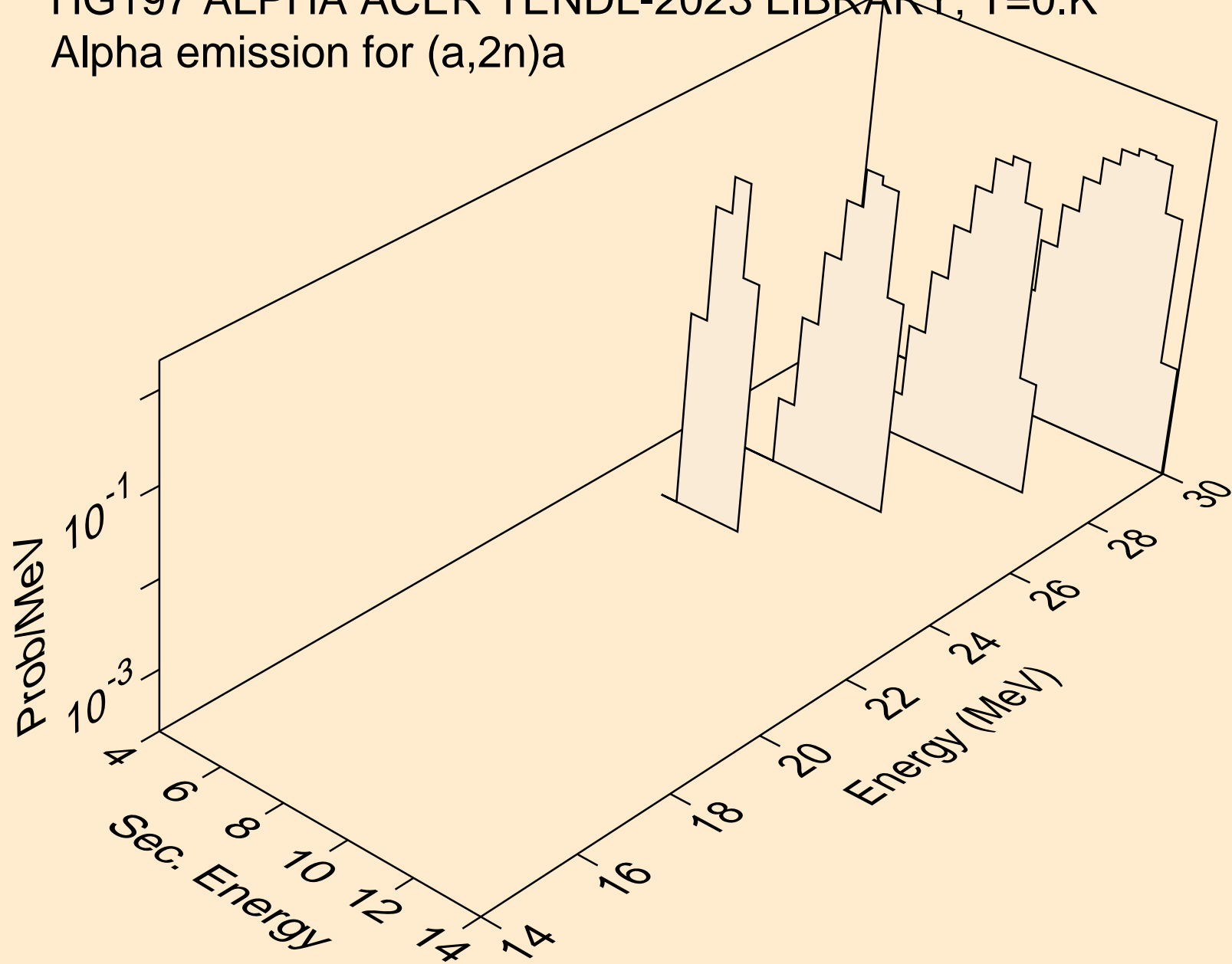




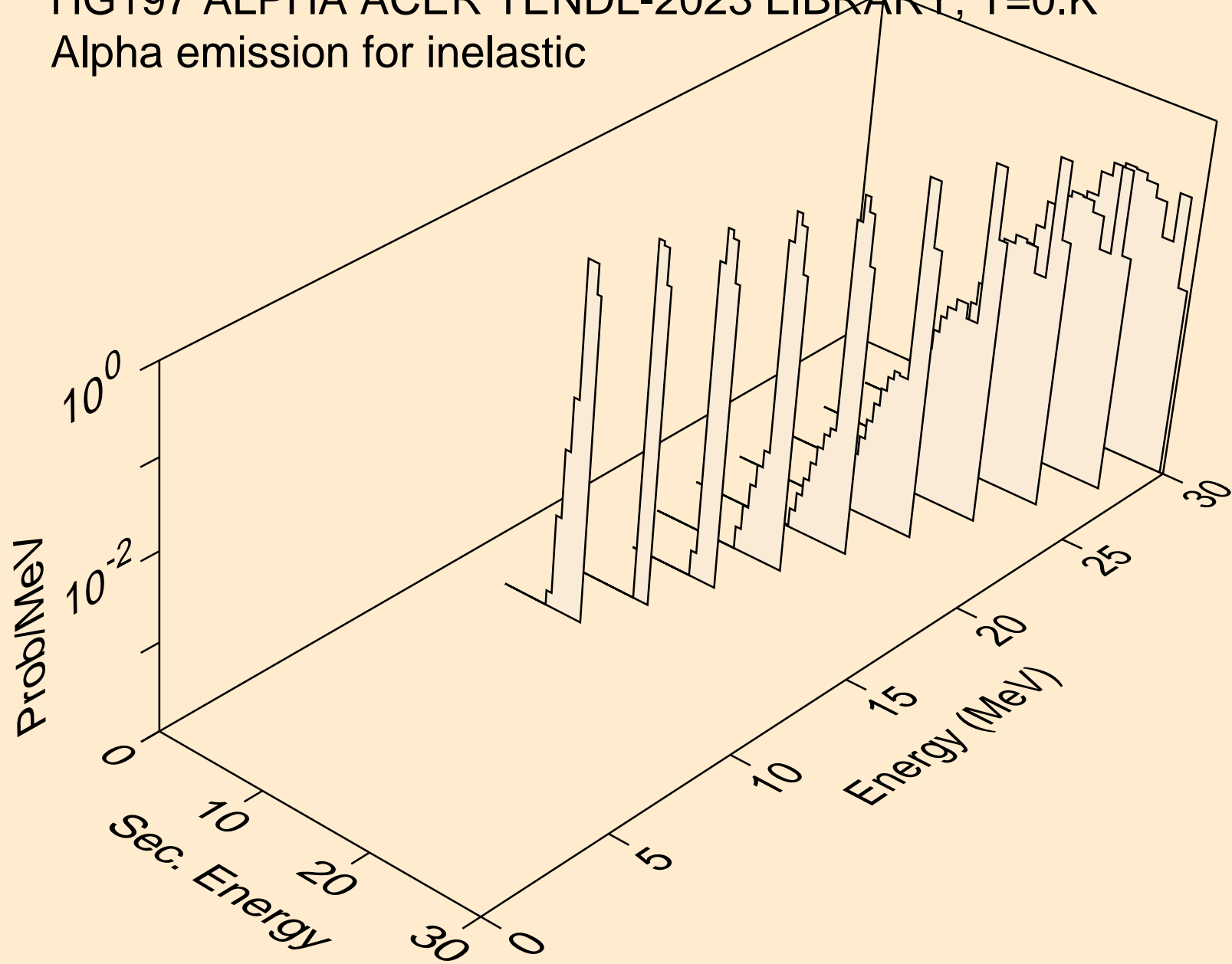
HG197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



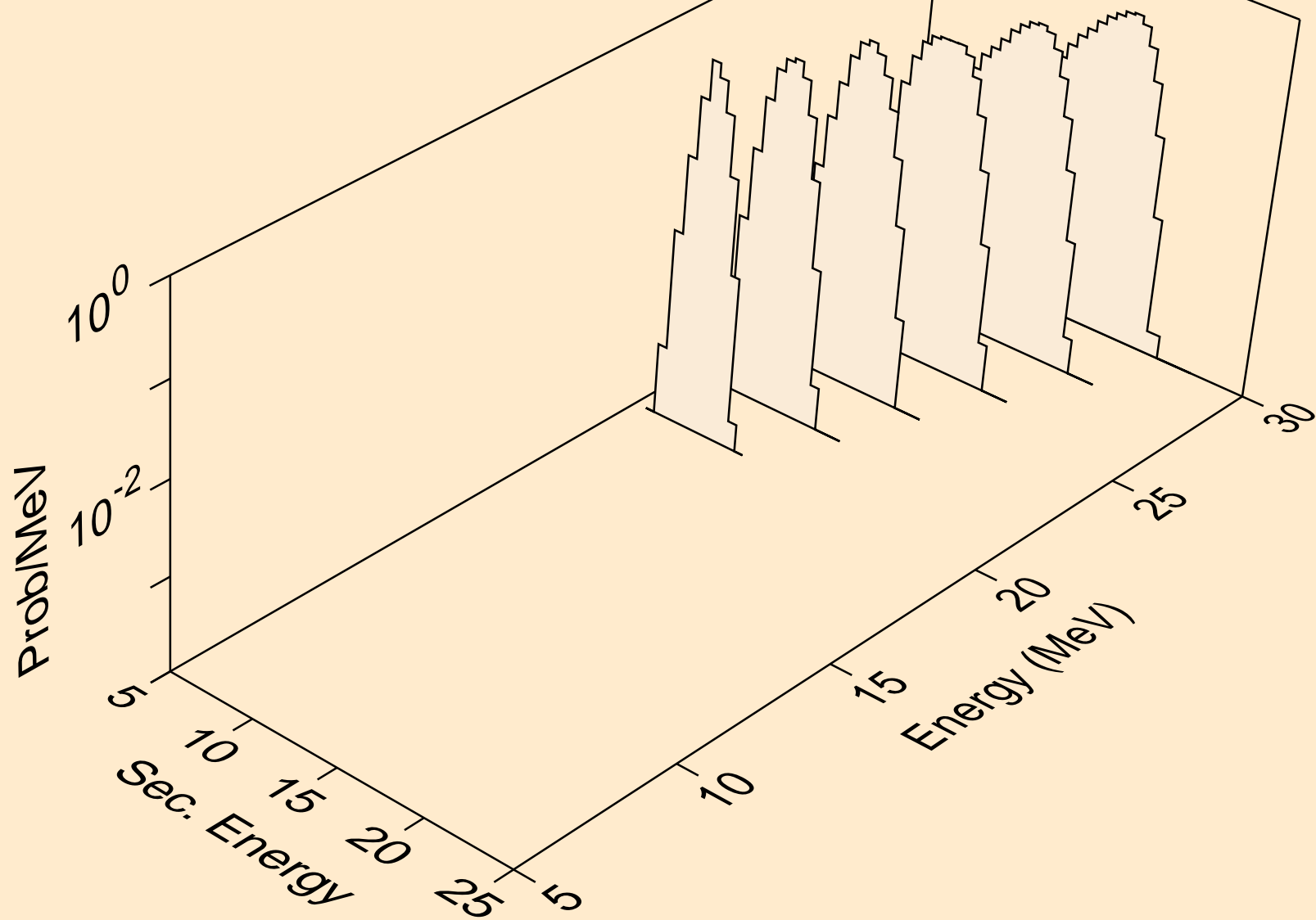
HG197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



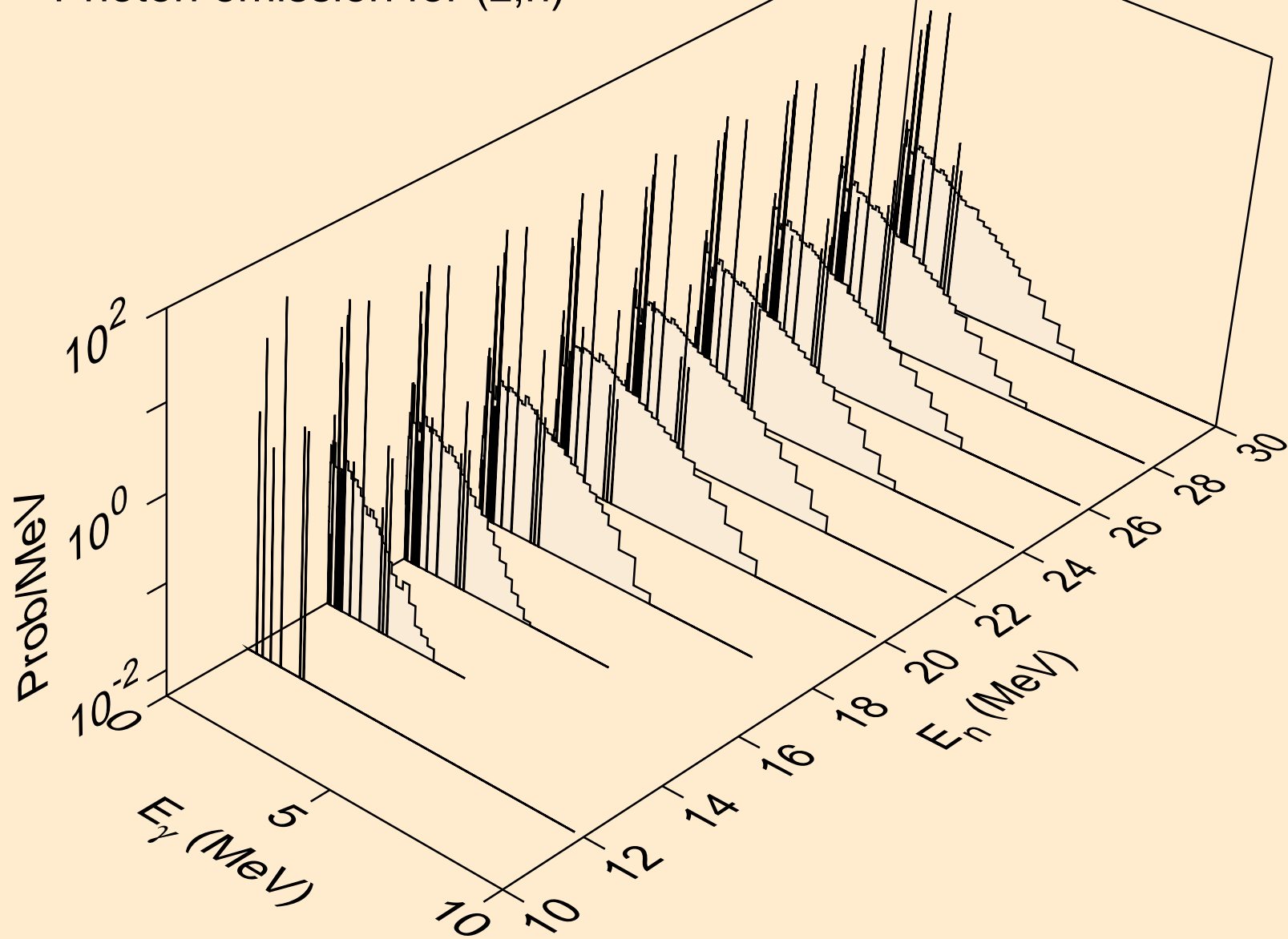
HG197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic



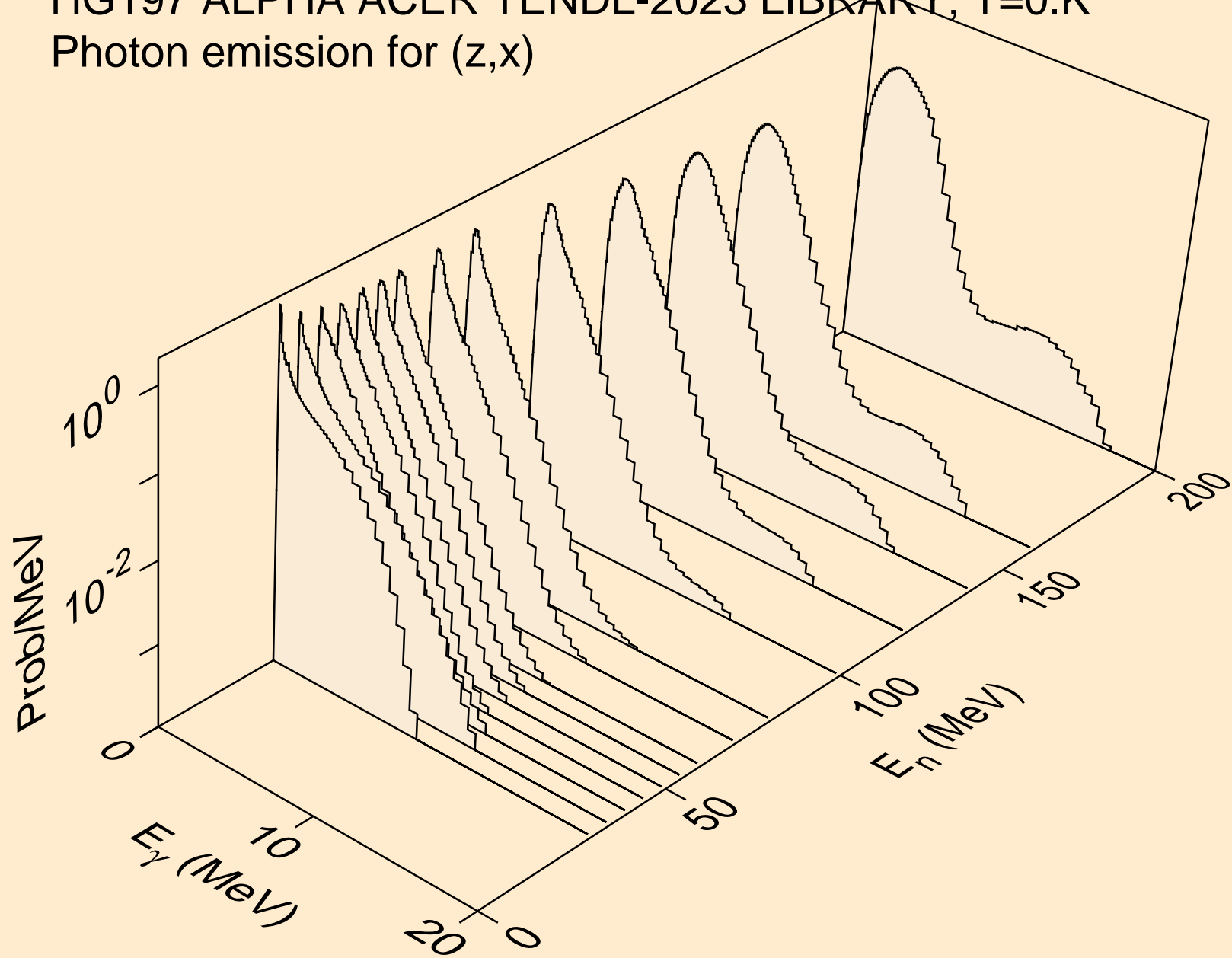
HG197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,pa)



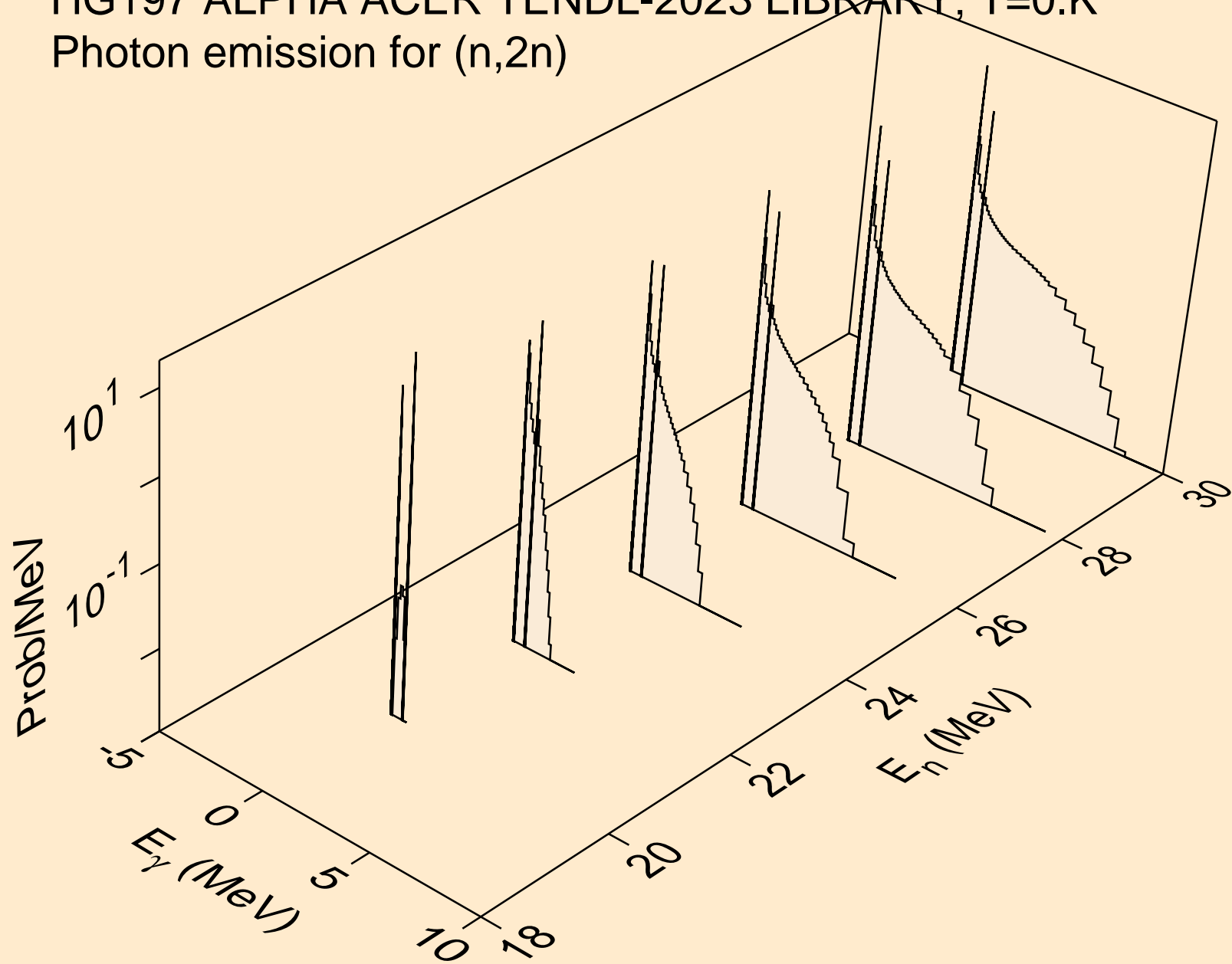
HG197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



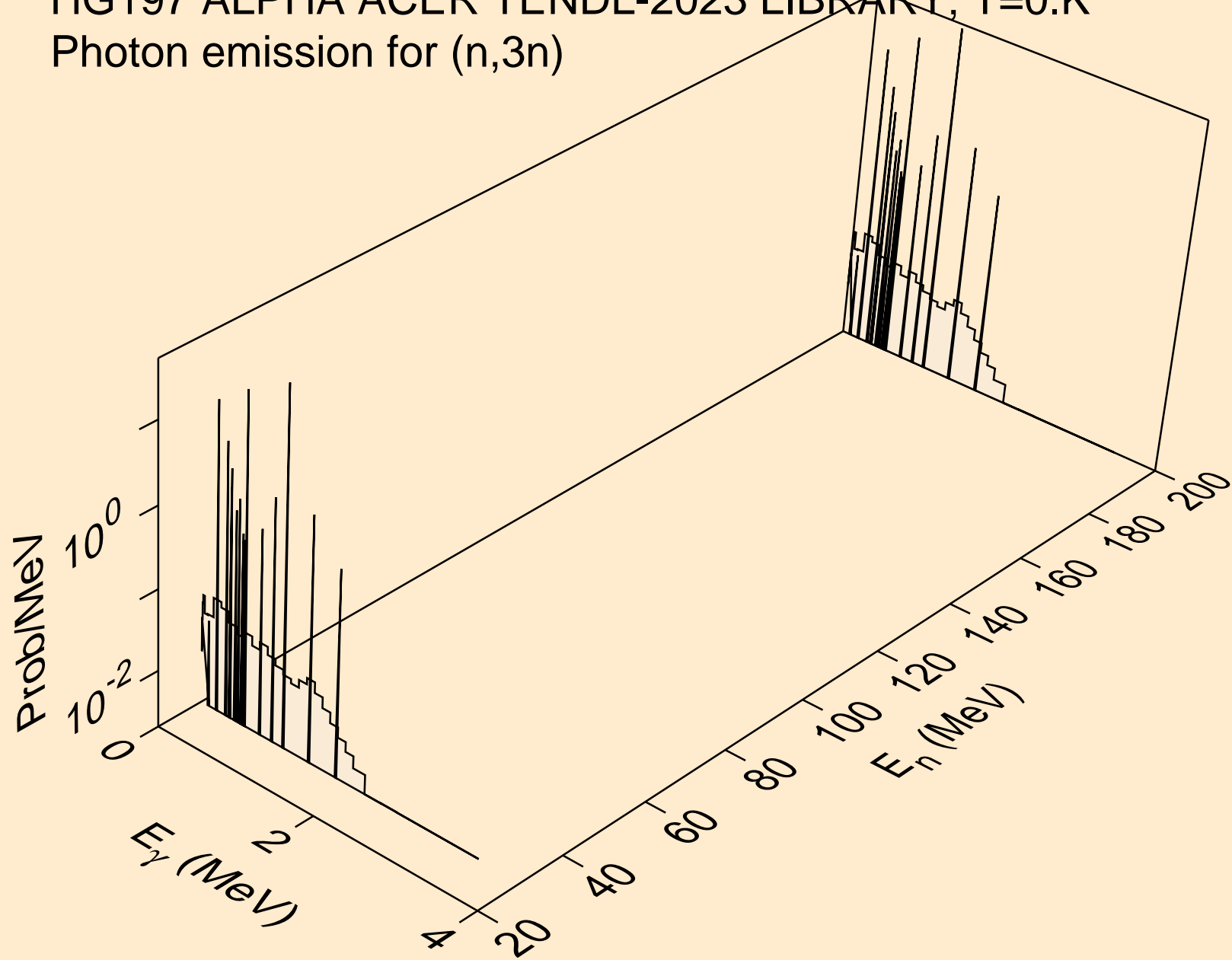
HG197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



HG197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

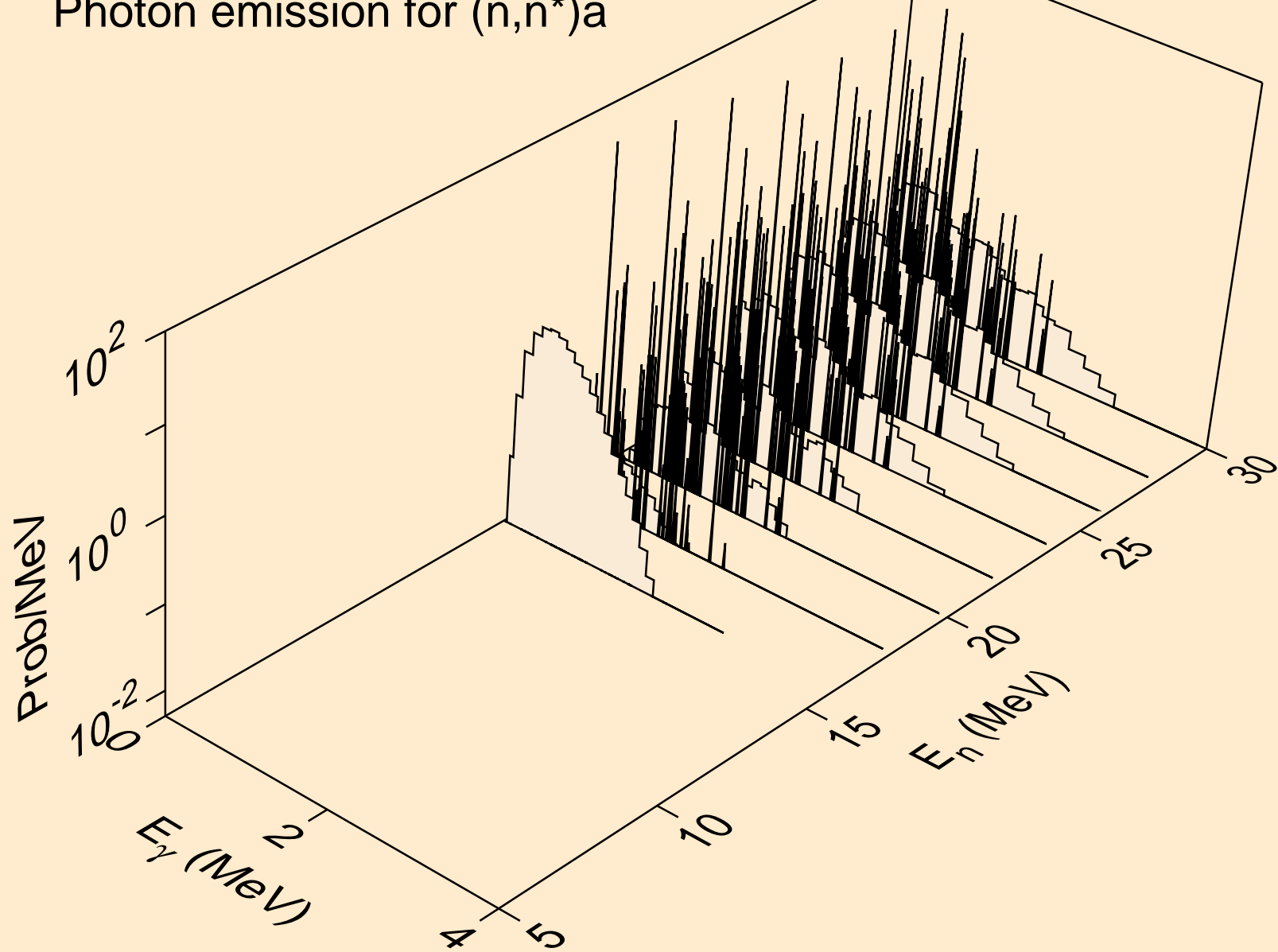


HG197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)

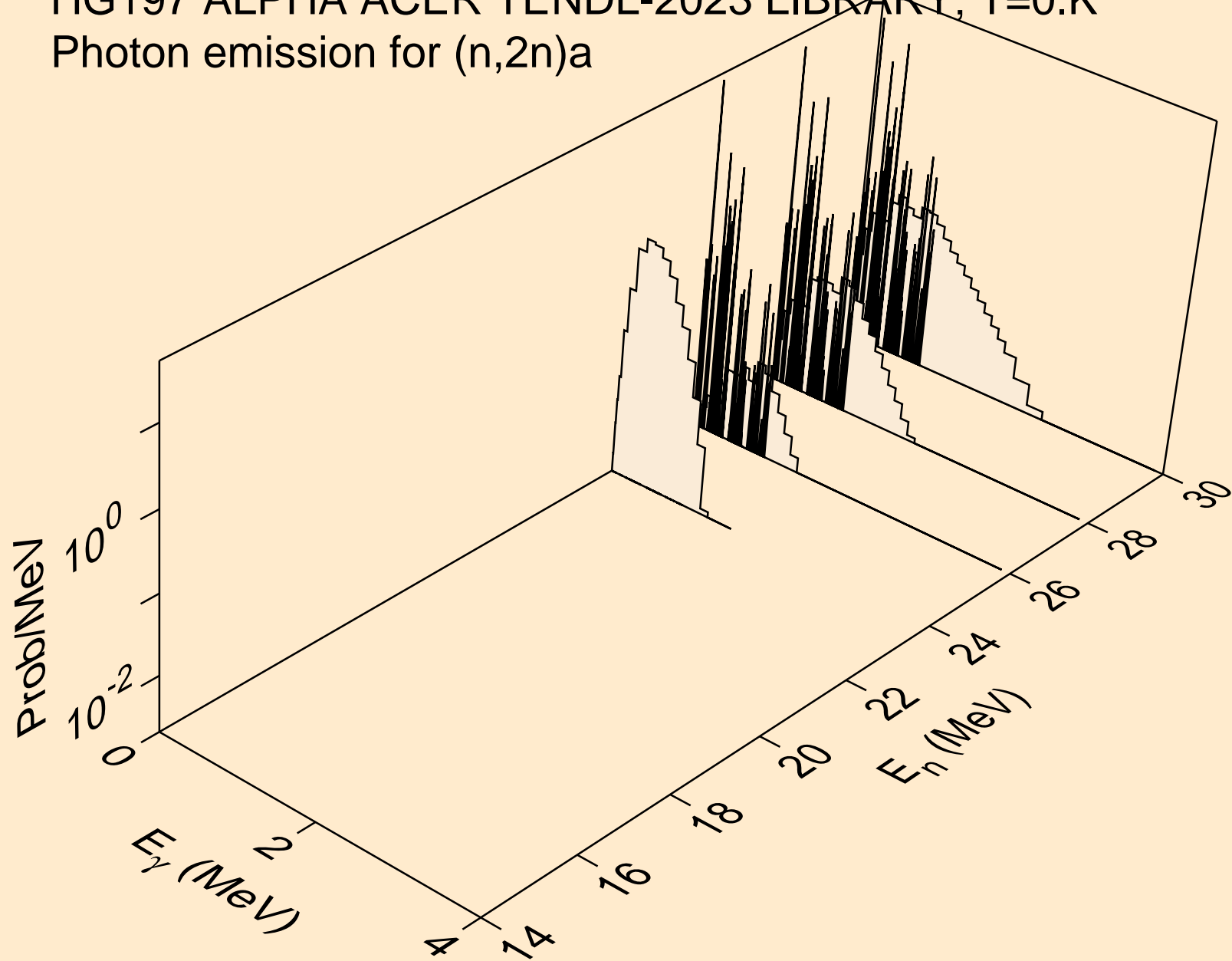




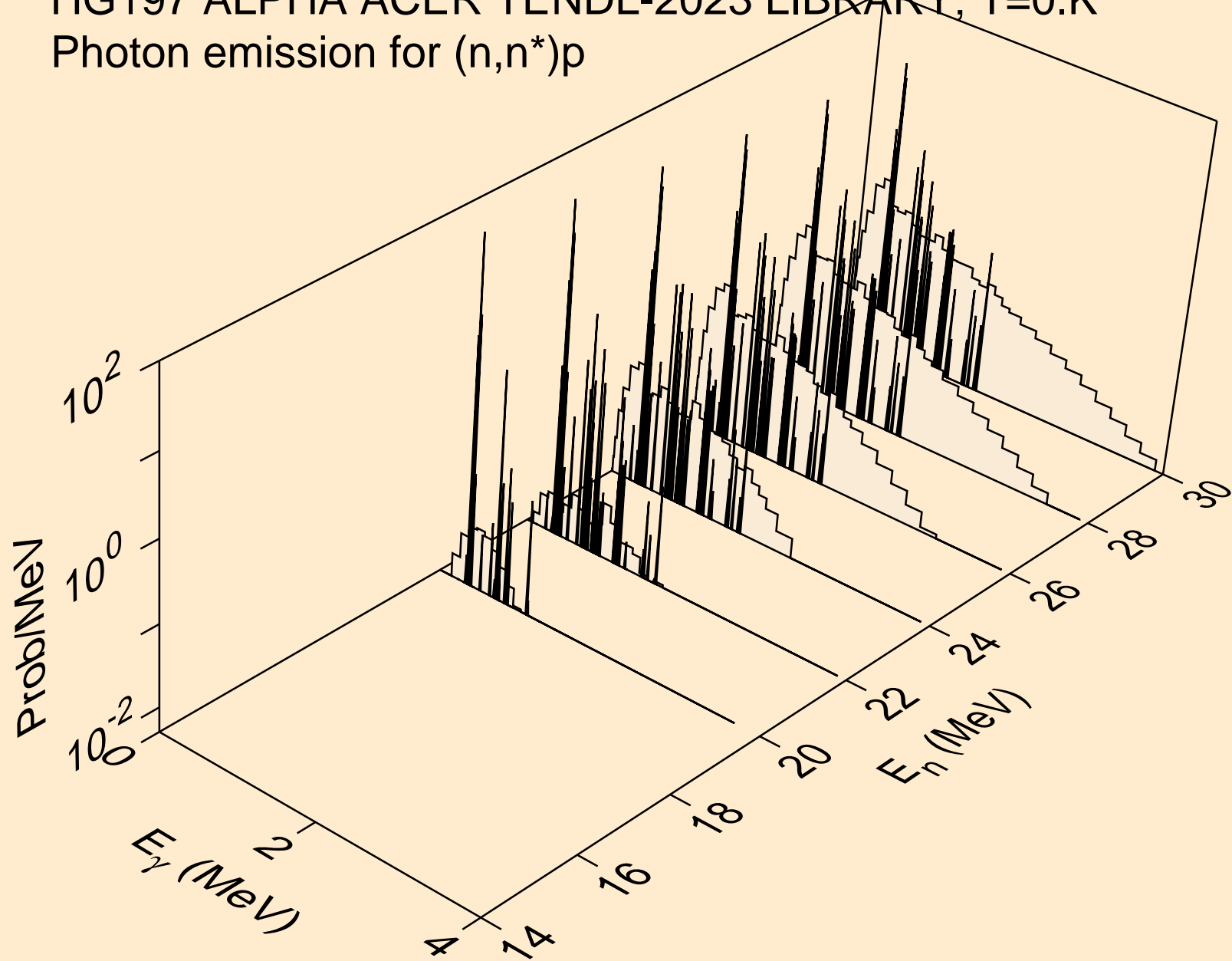
HG197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



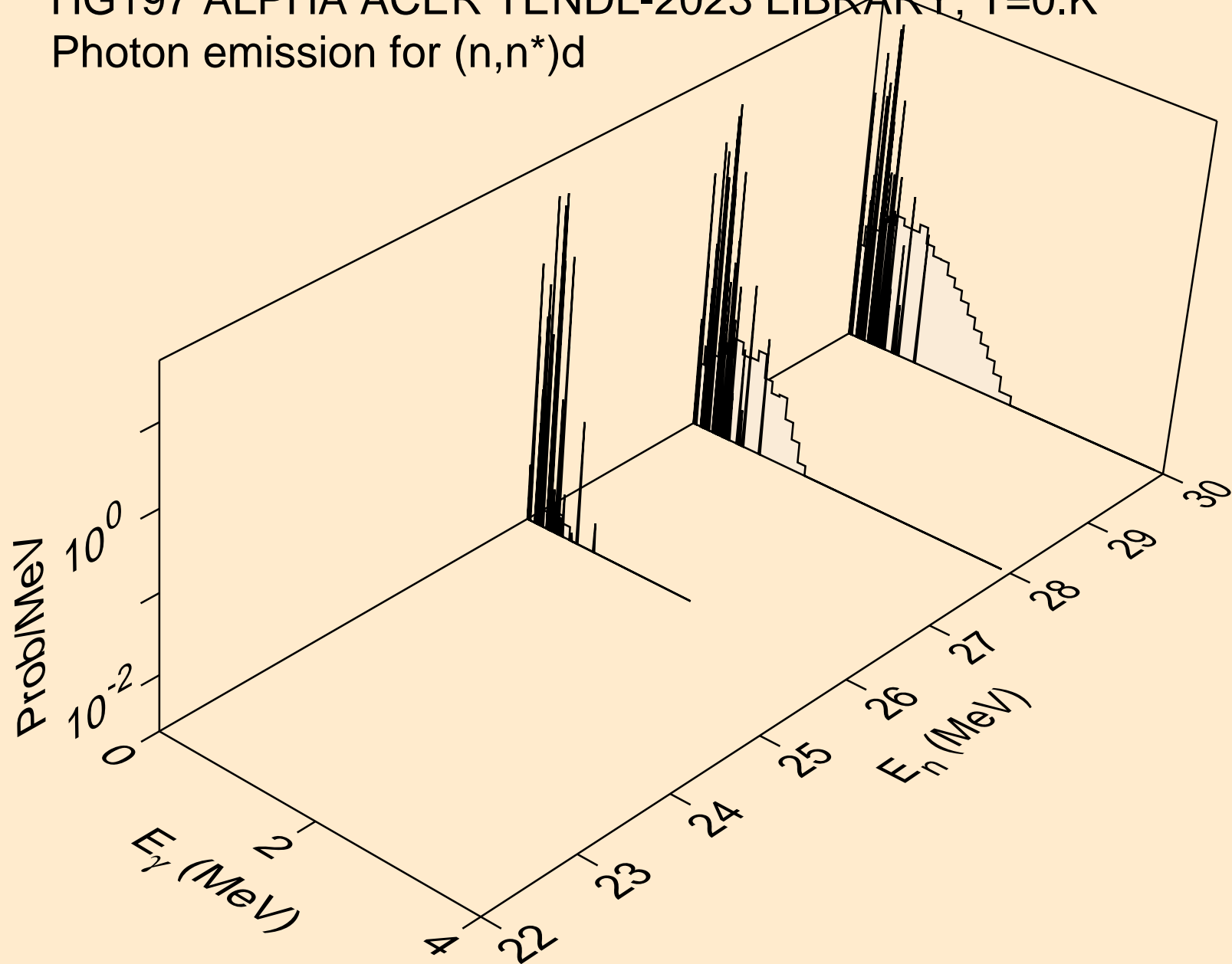
HG197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



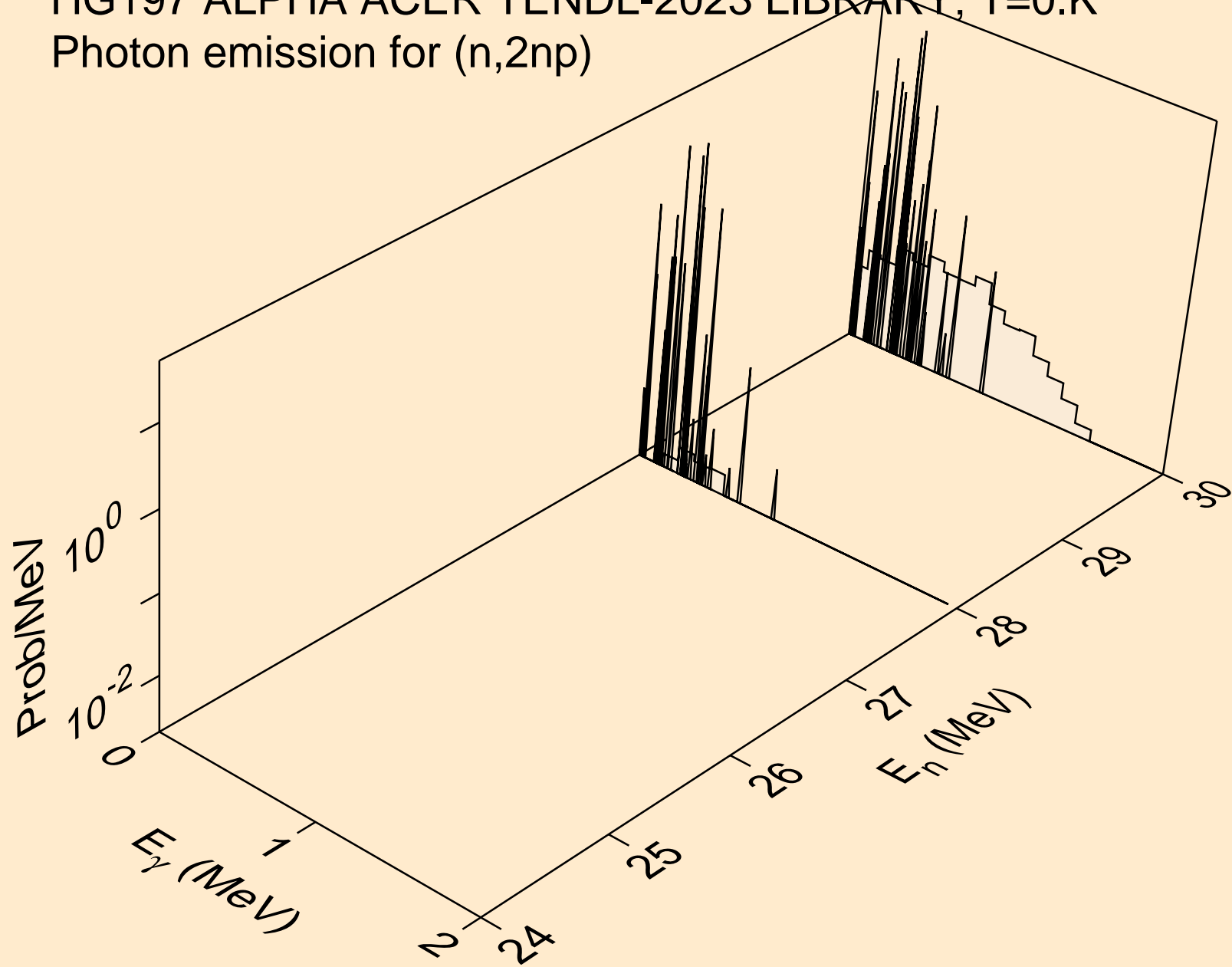
HG197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



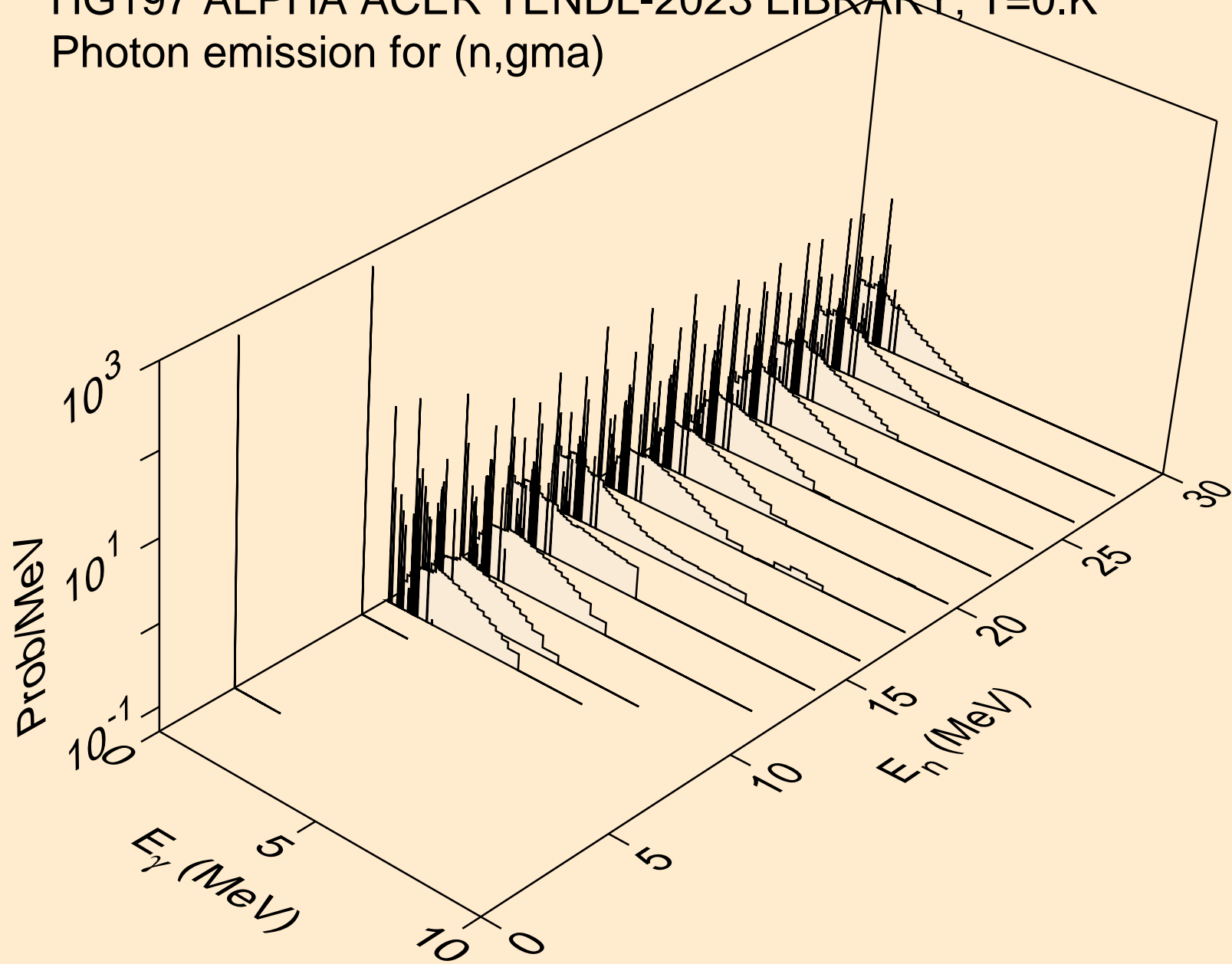
HG197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



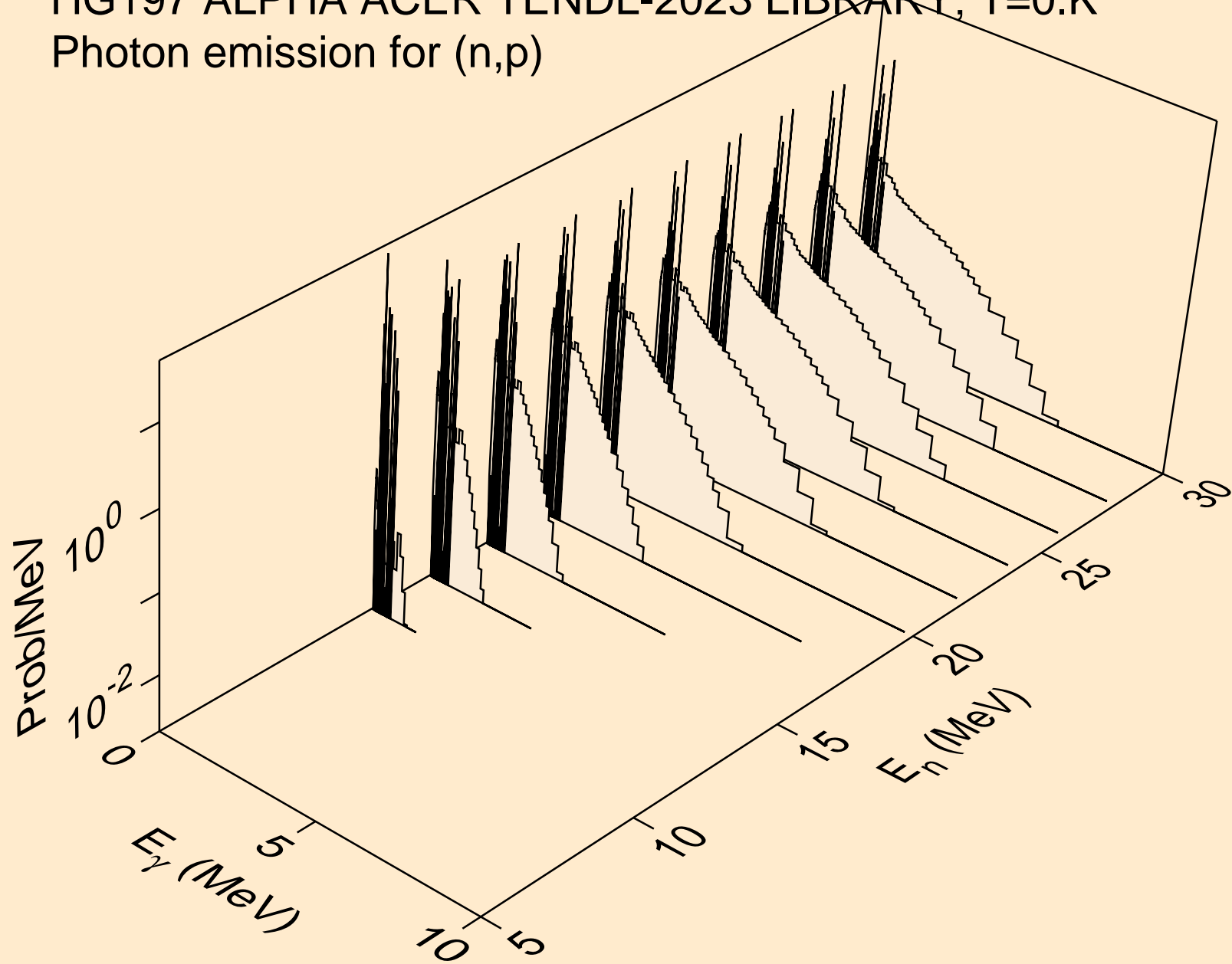
HG197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



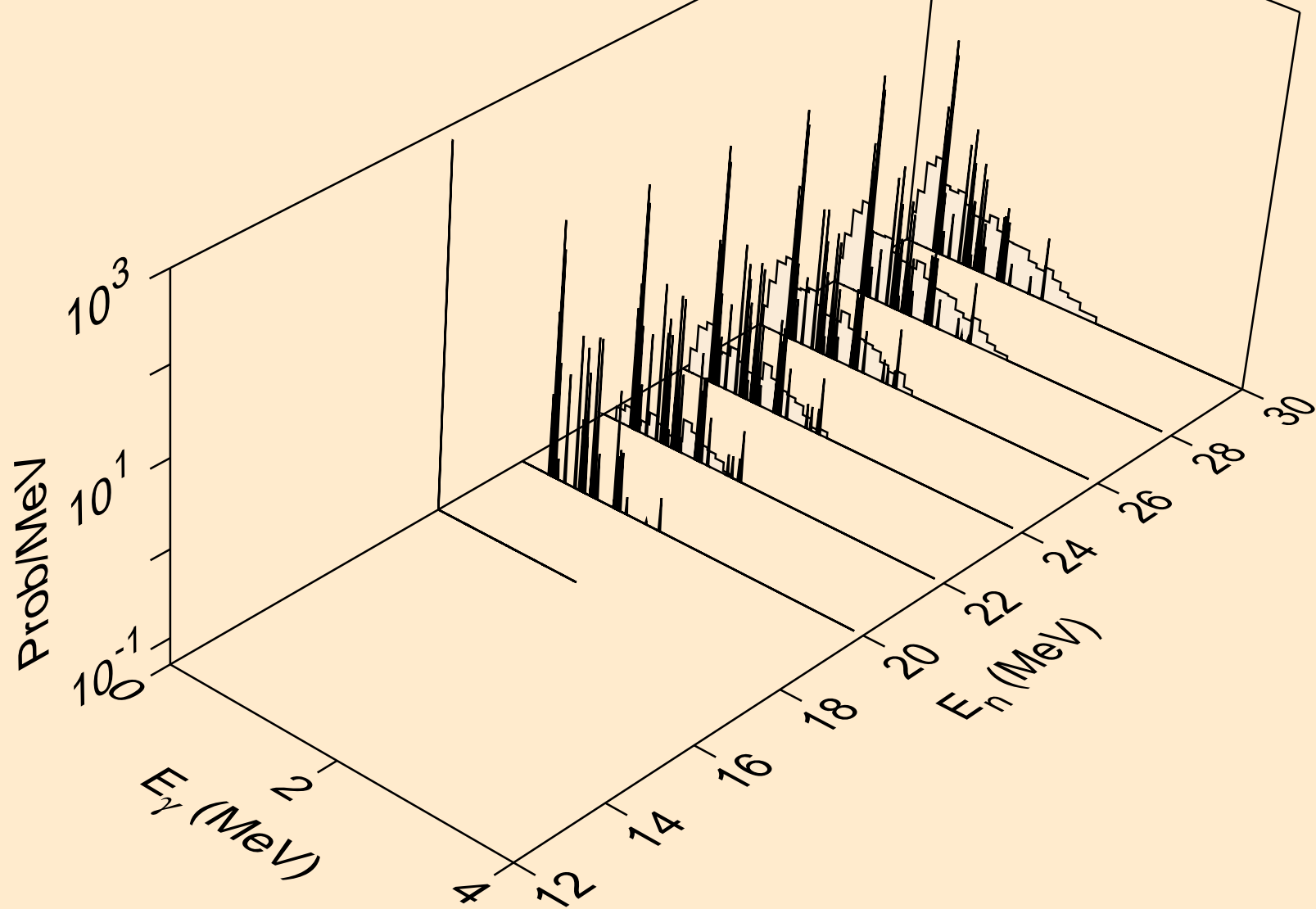
HG197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



HG197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)

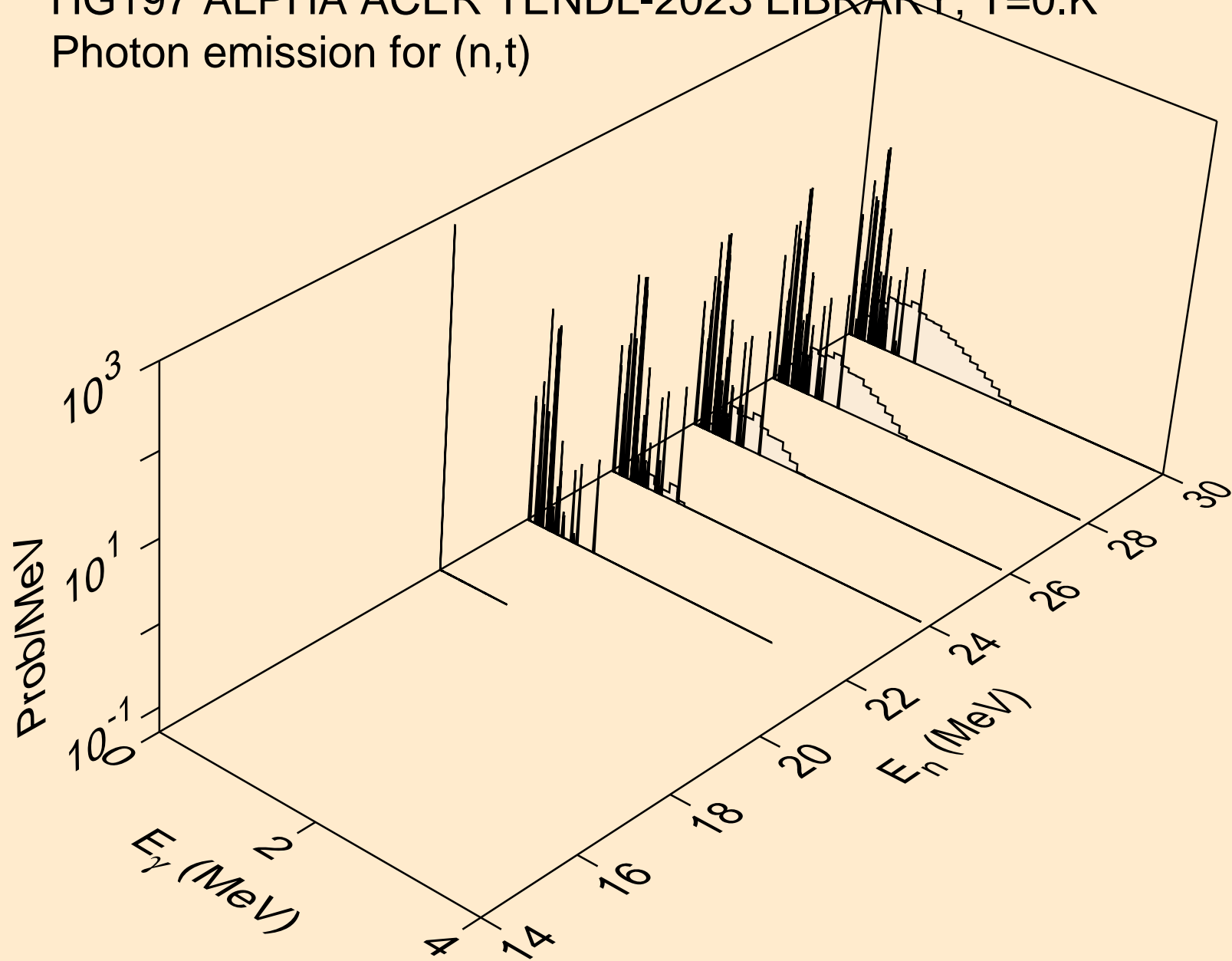


HG197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)

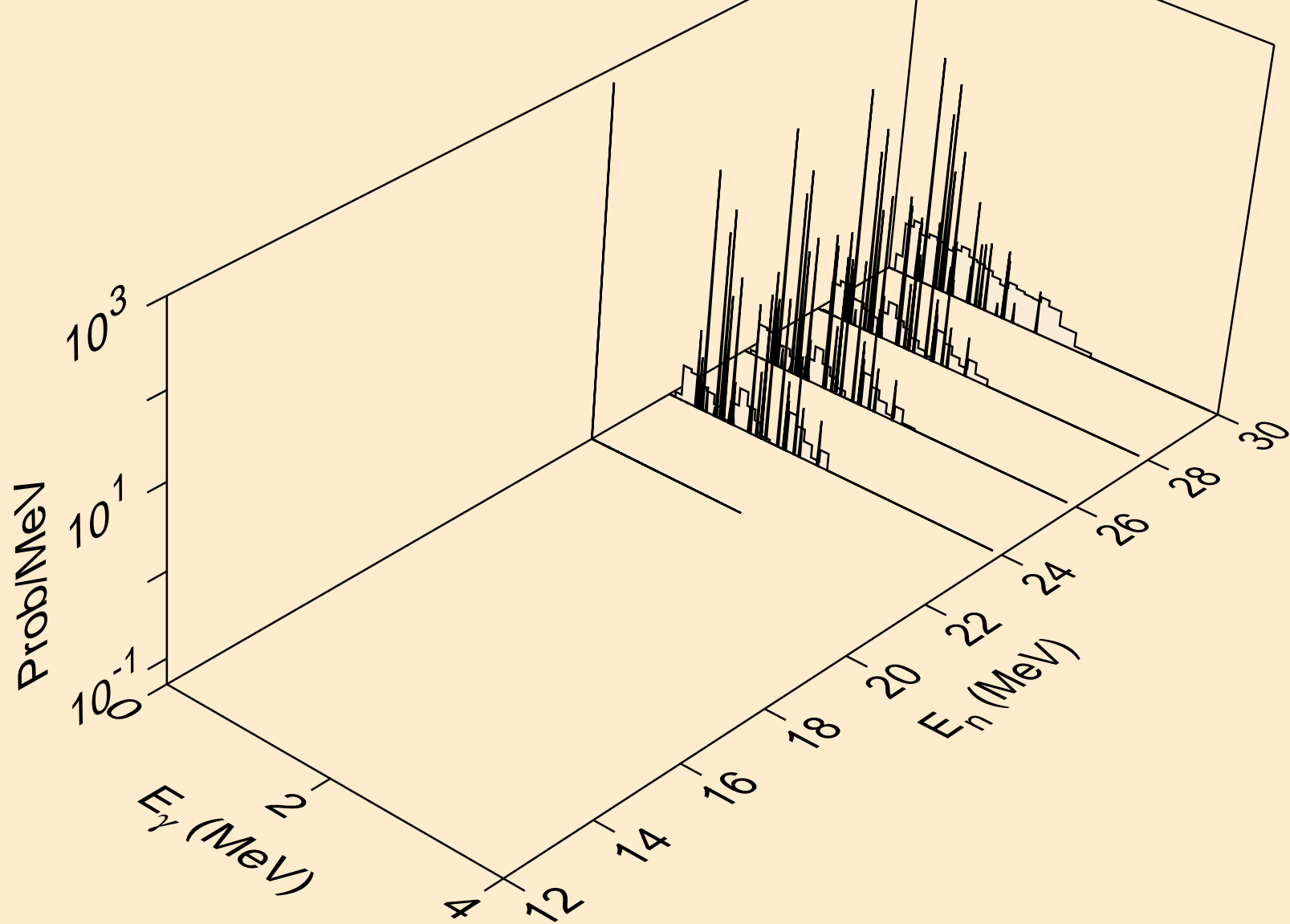




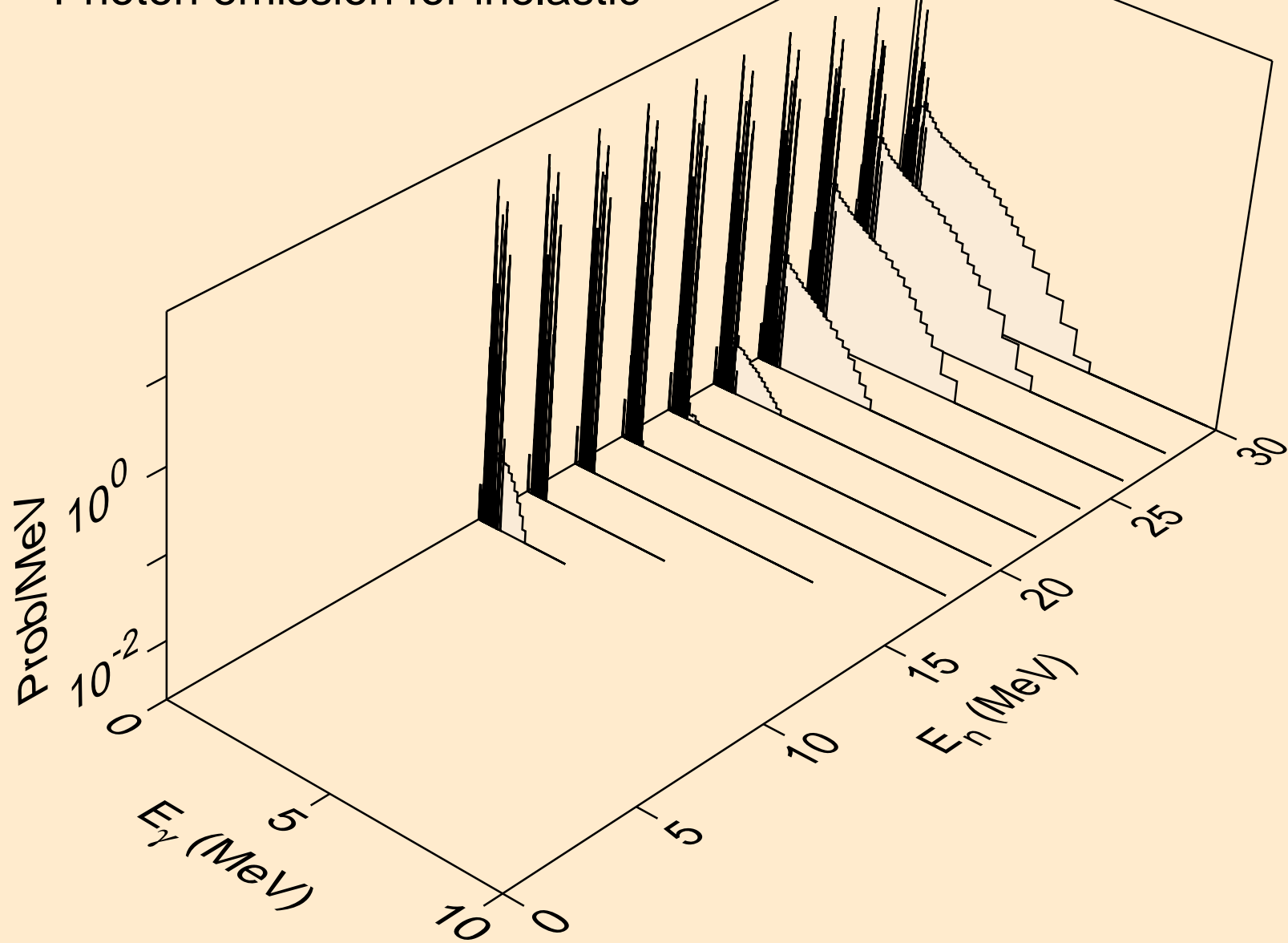
HG197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



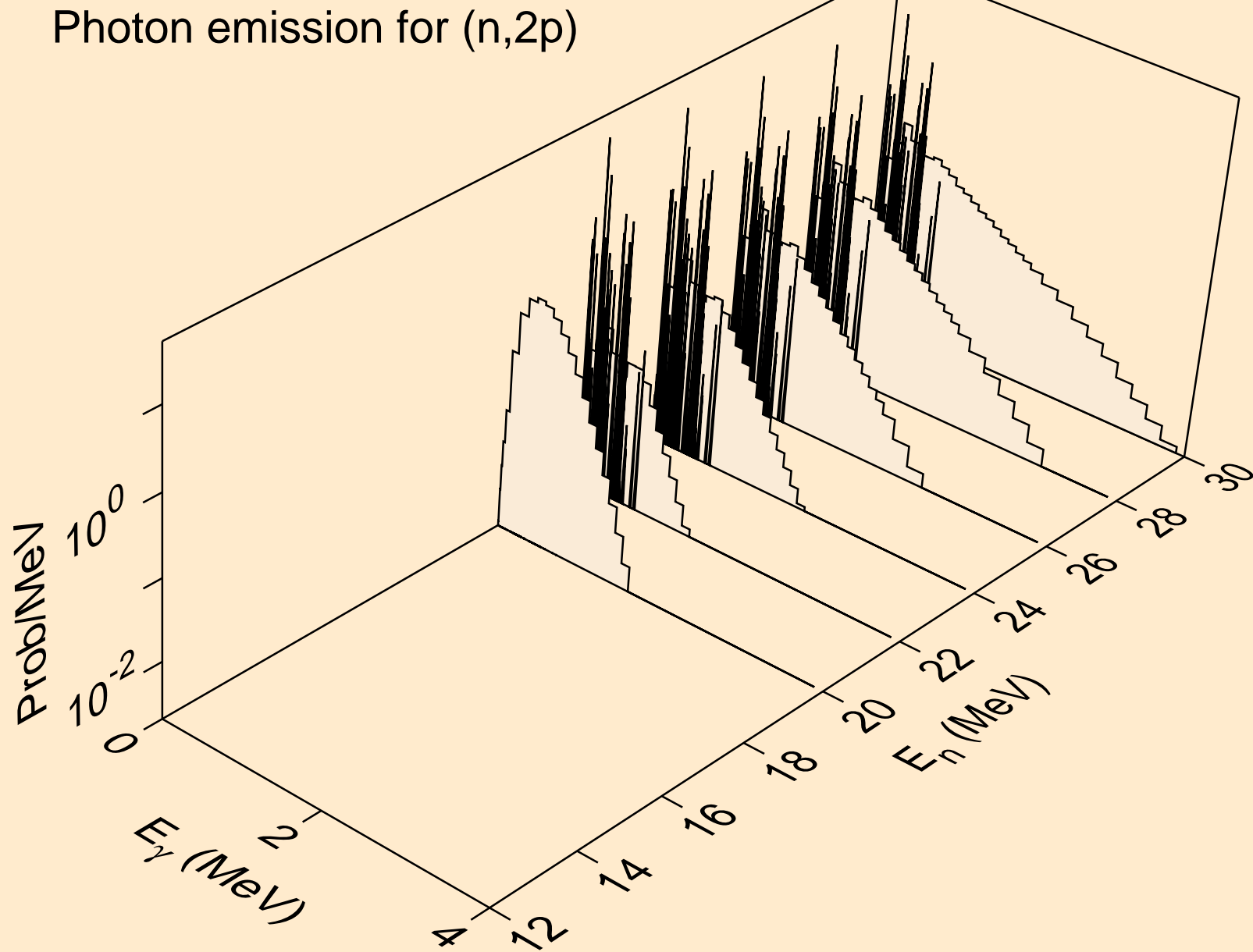
HG197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



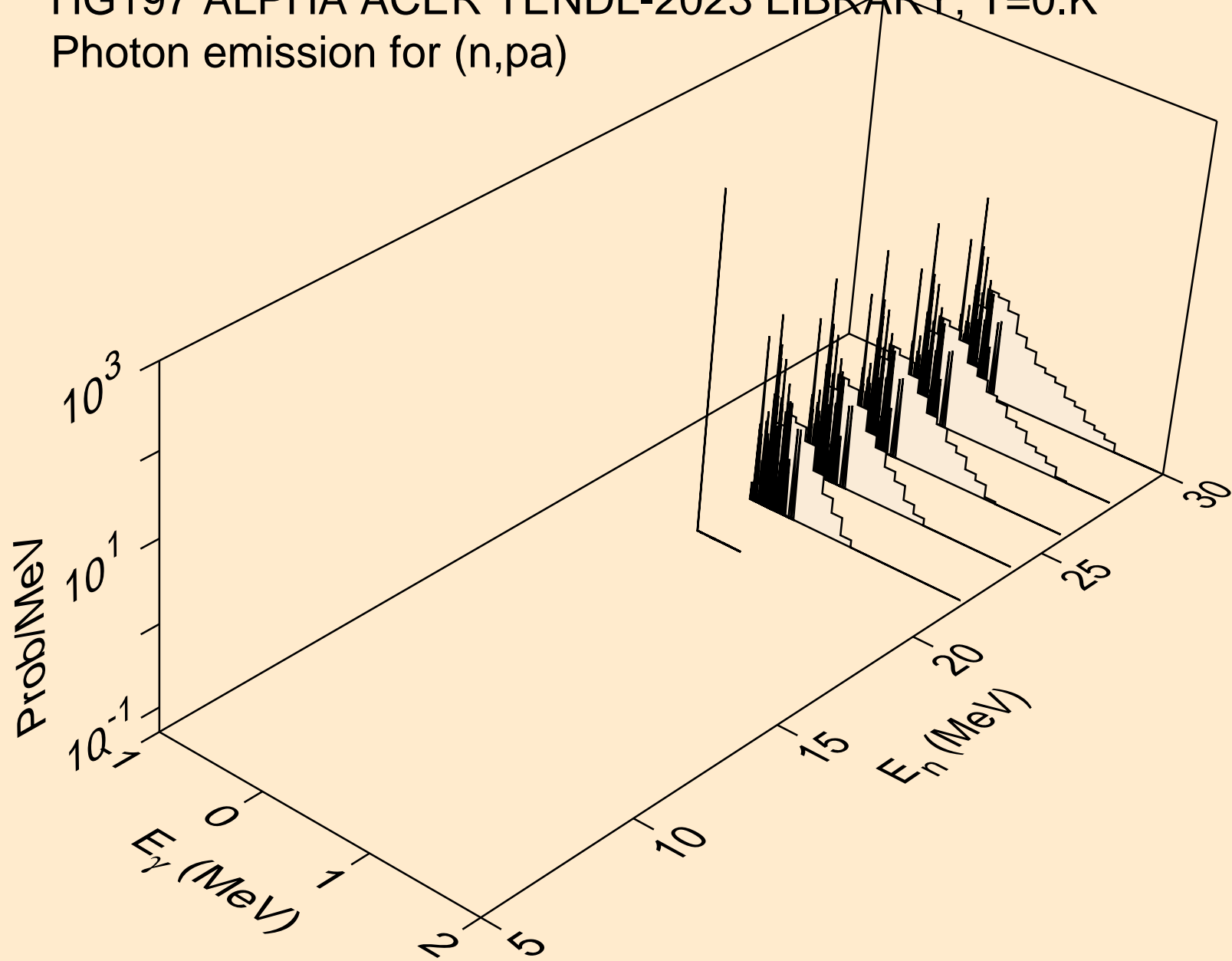
HG197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



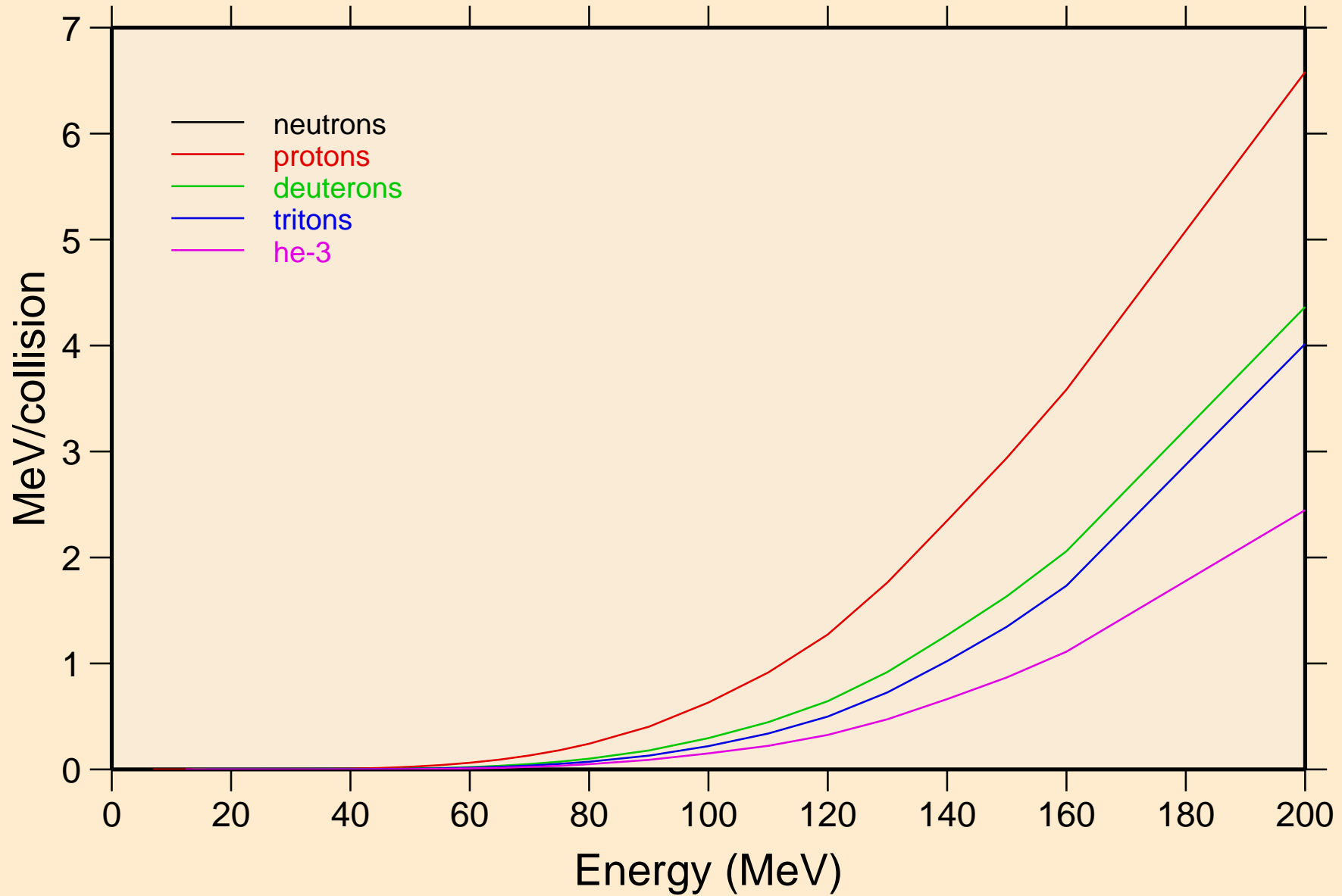
HG197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



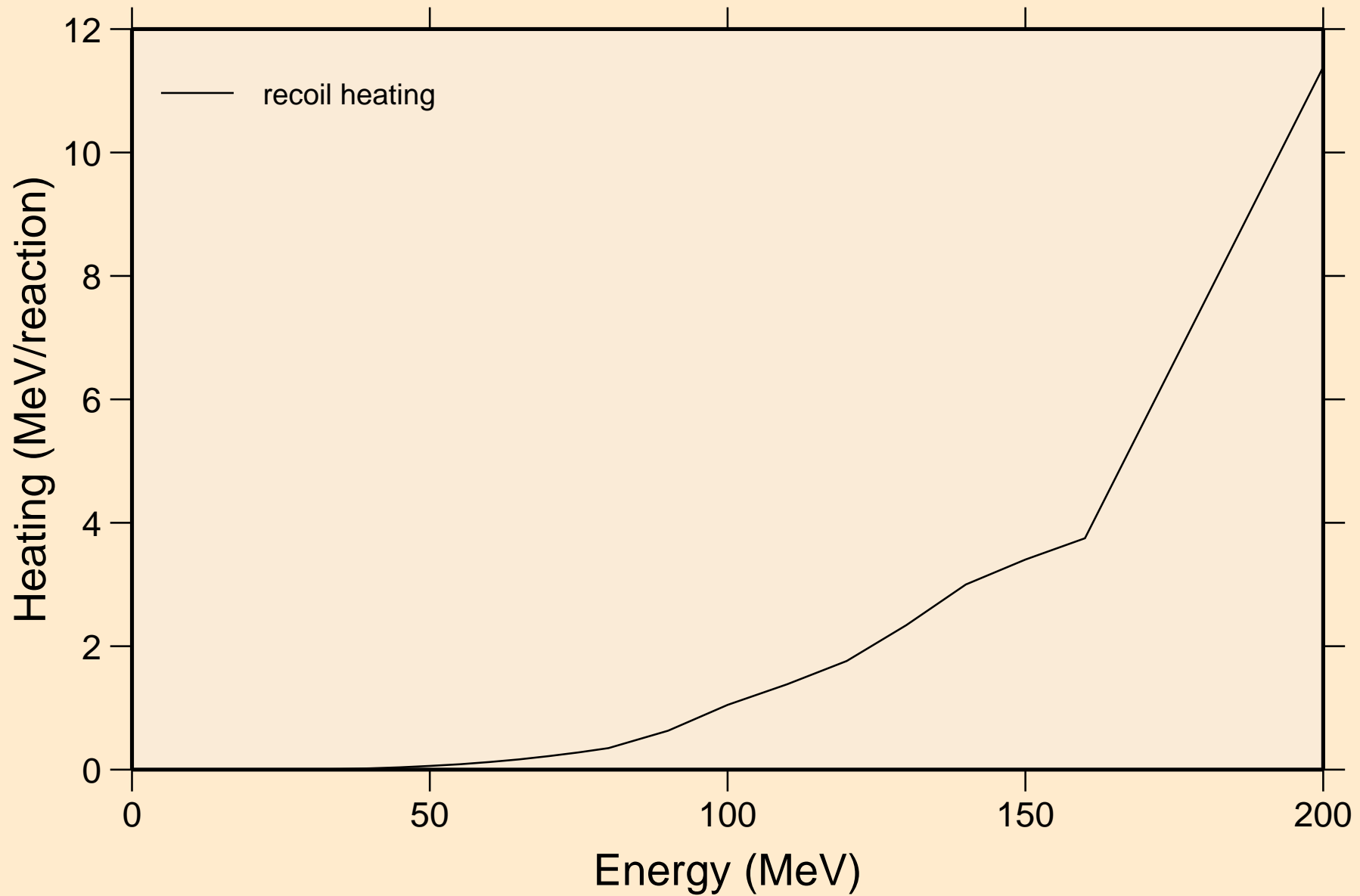
HG197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



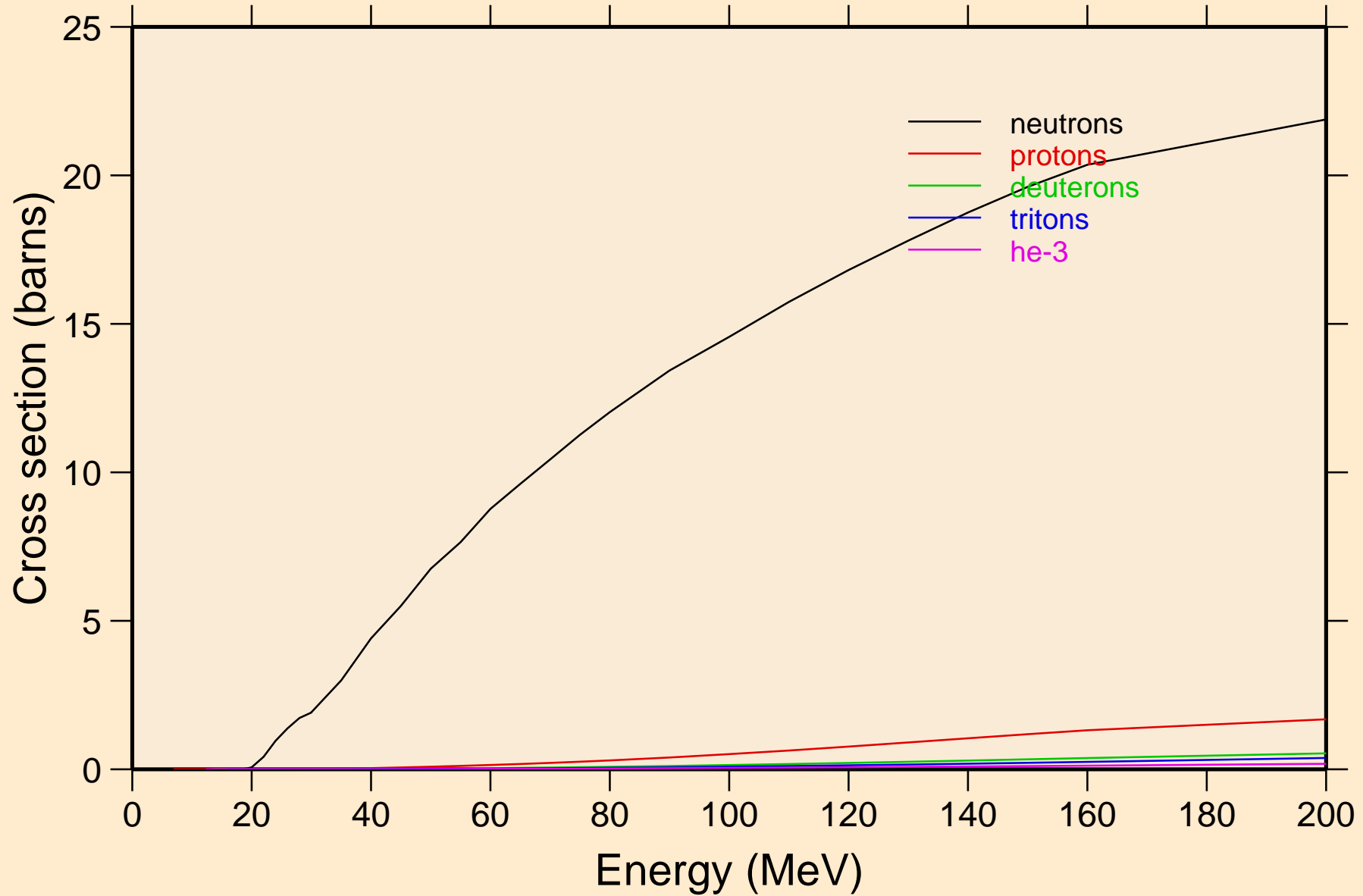
HG197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



HG197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

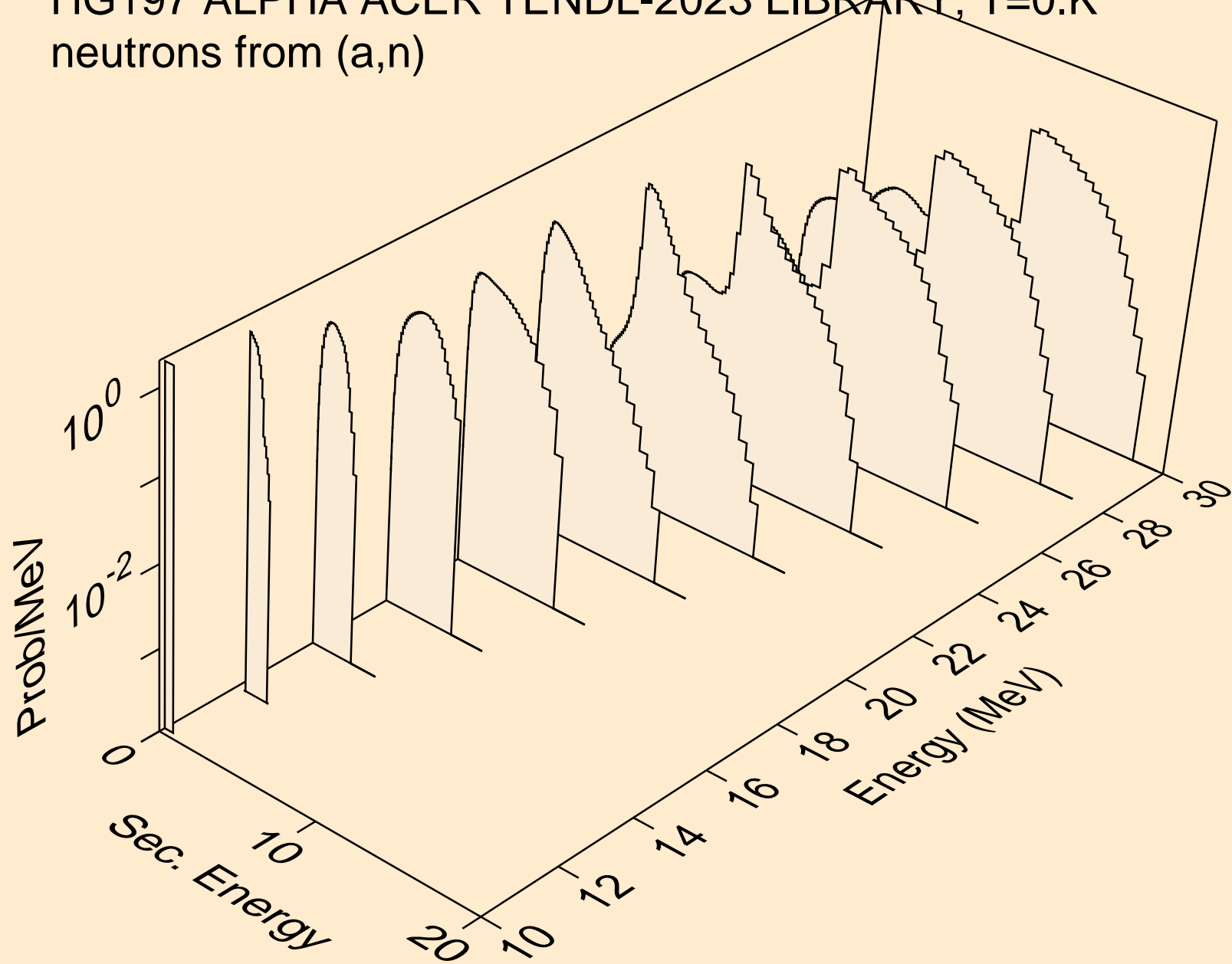


HG197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections

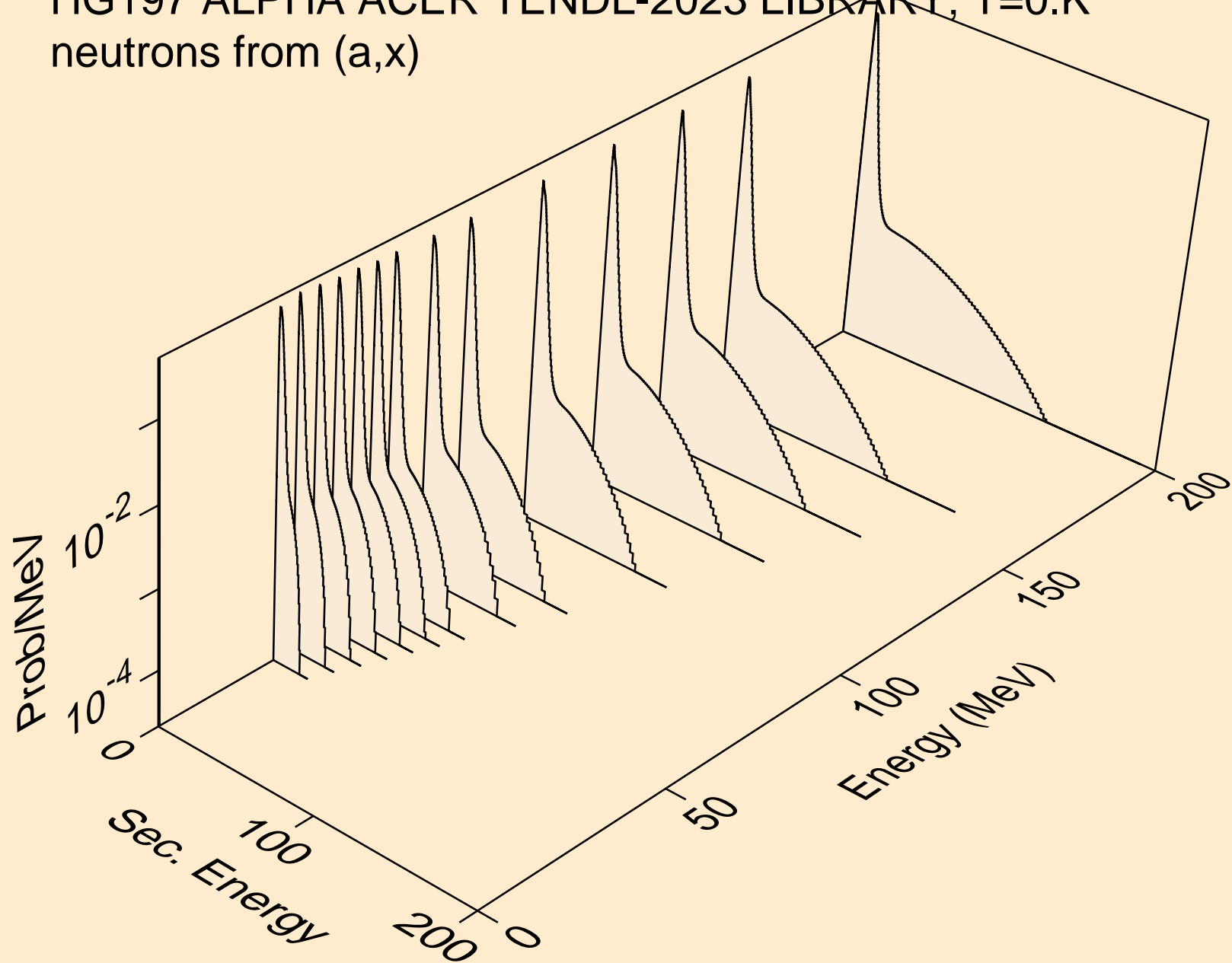




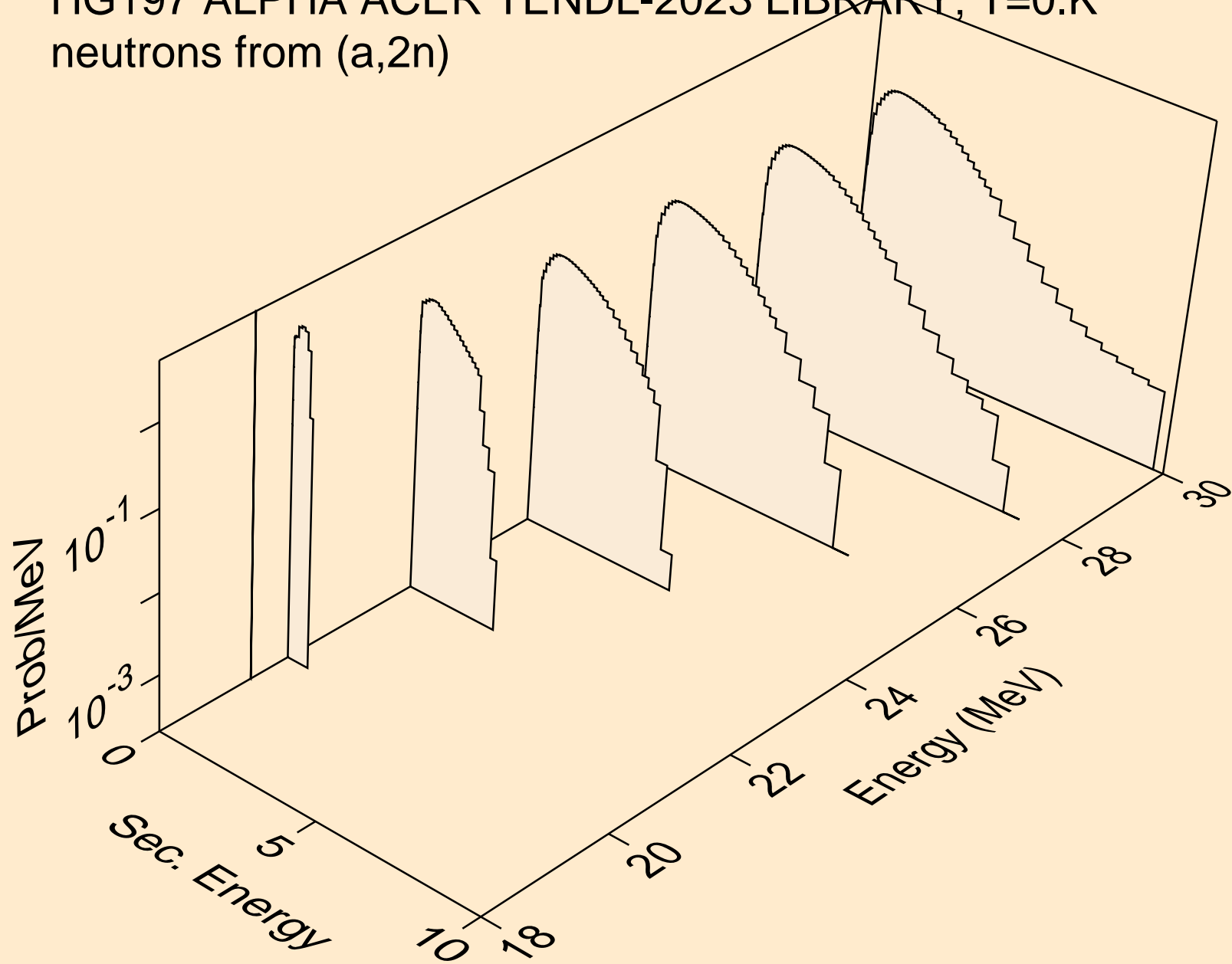
HG197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)



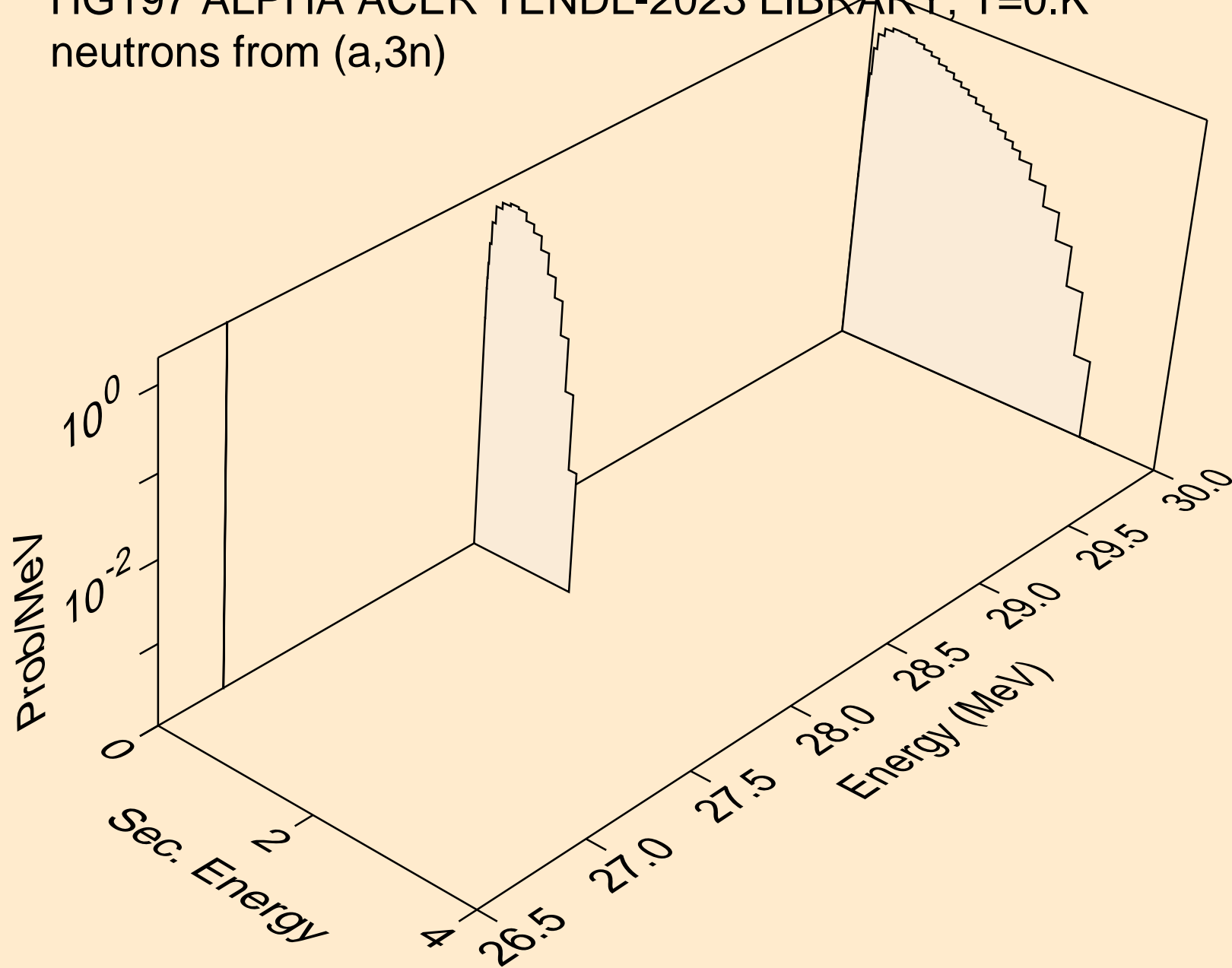
HG197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)



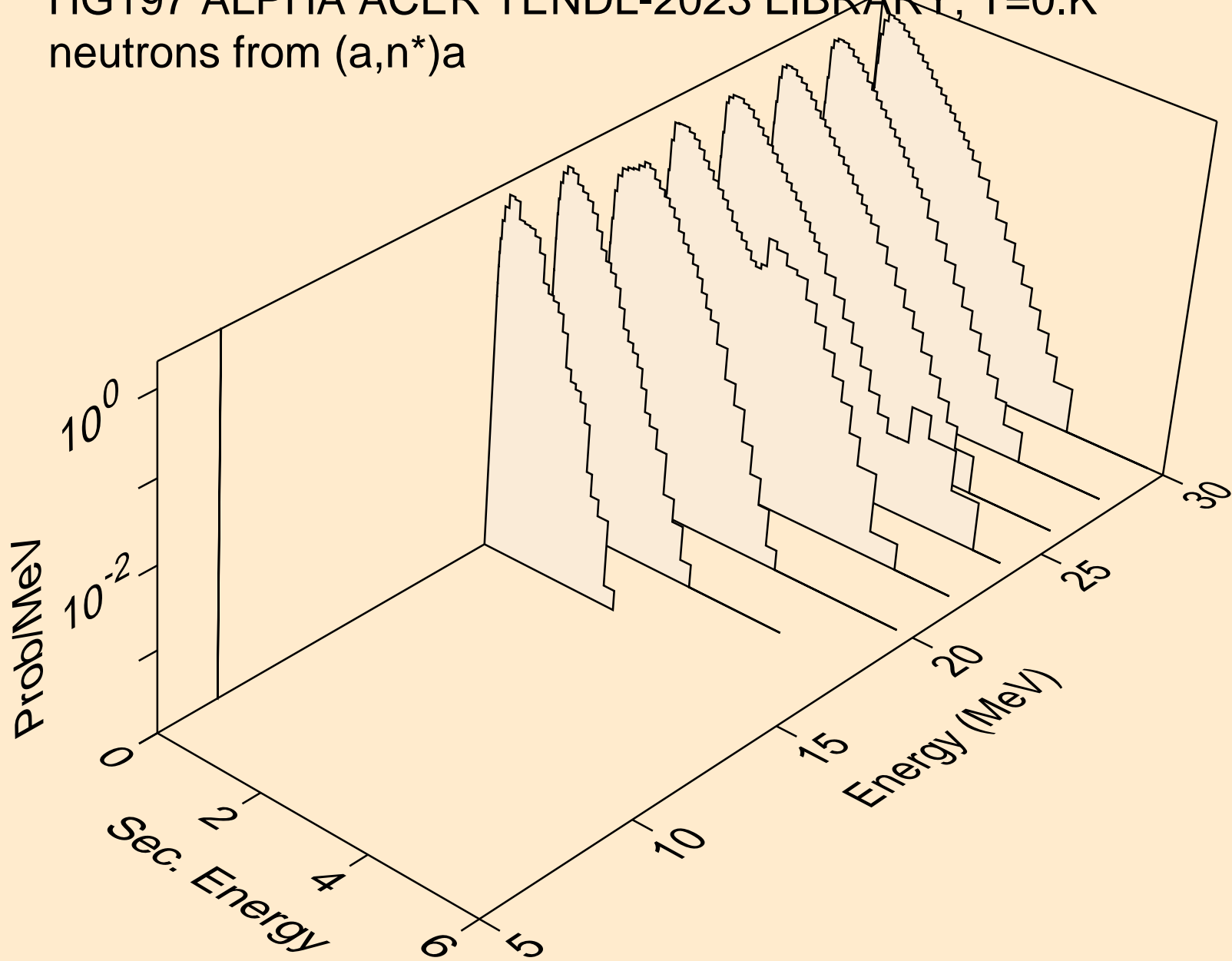
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neutrons from (a,2n)



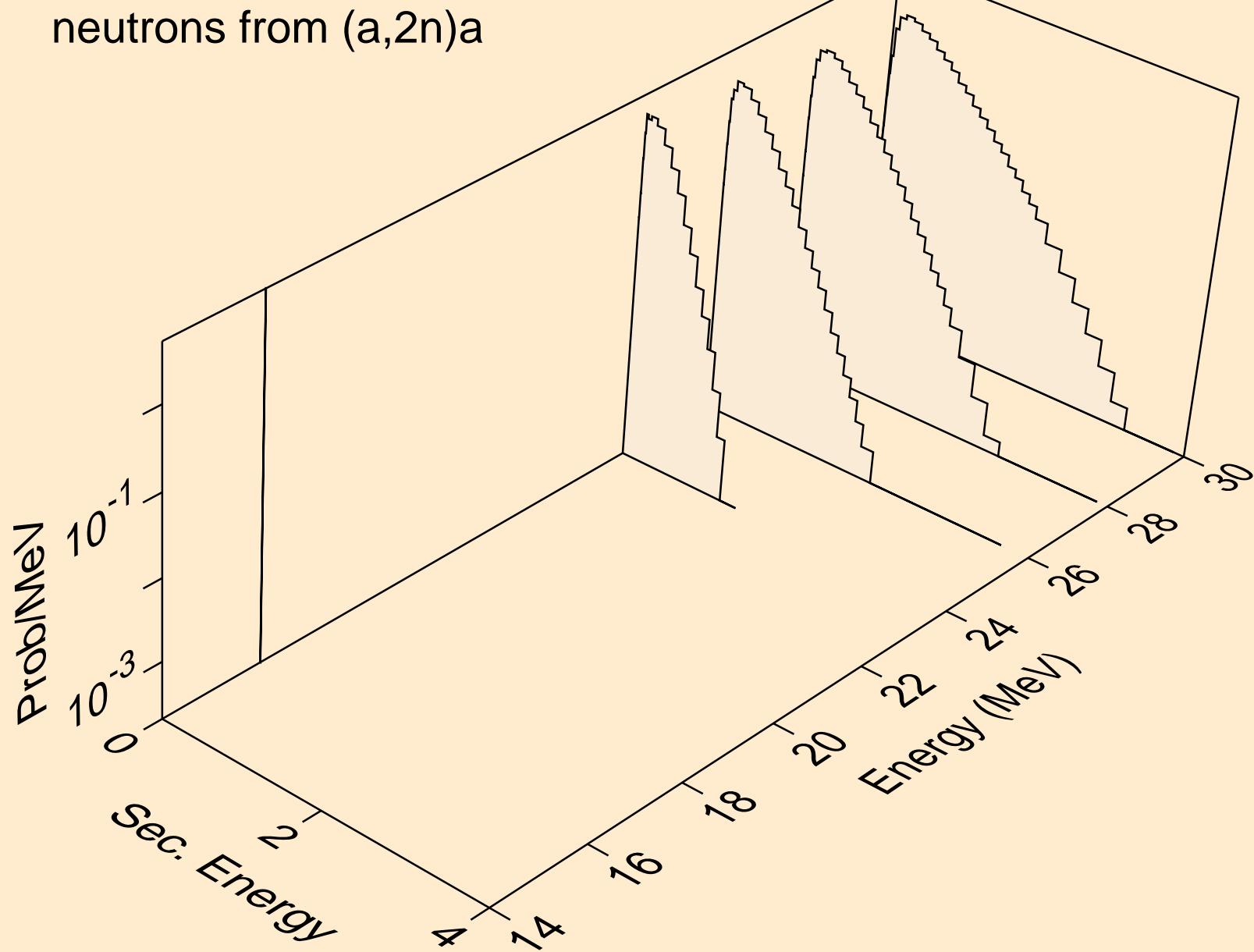
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neutrons from (a,3n)



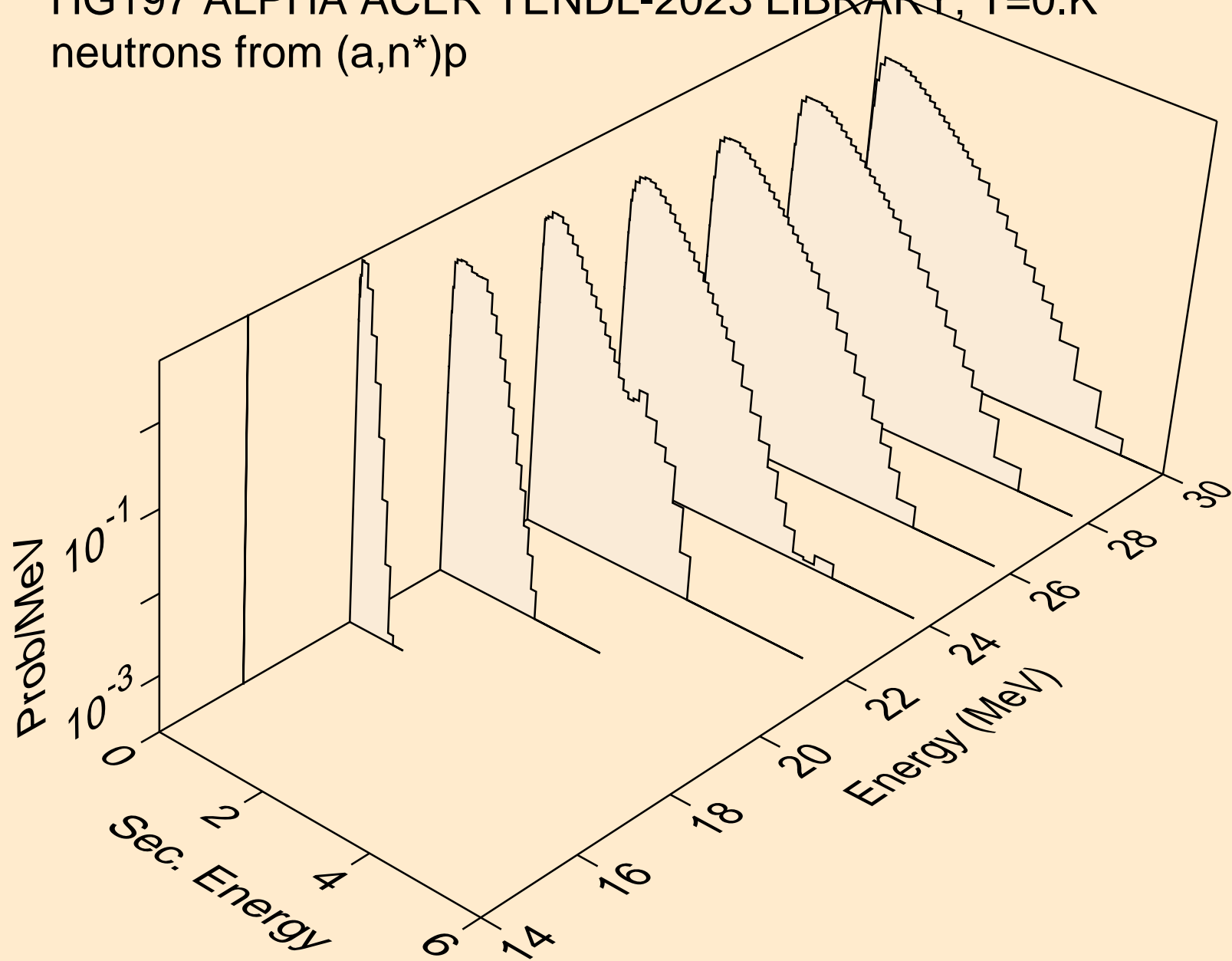
HG197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a



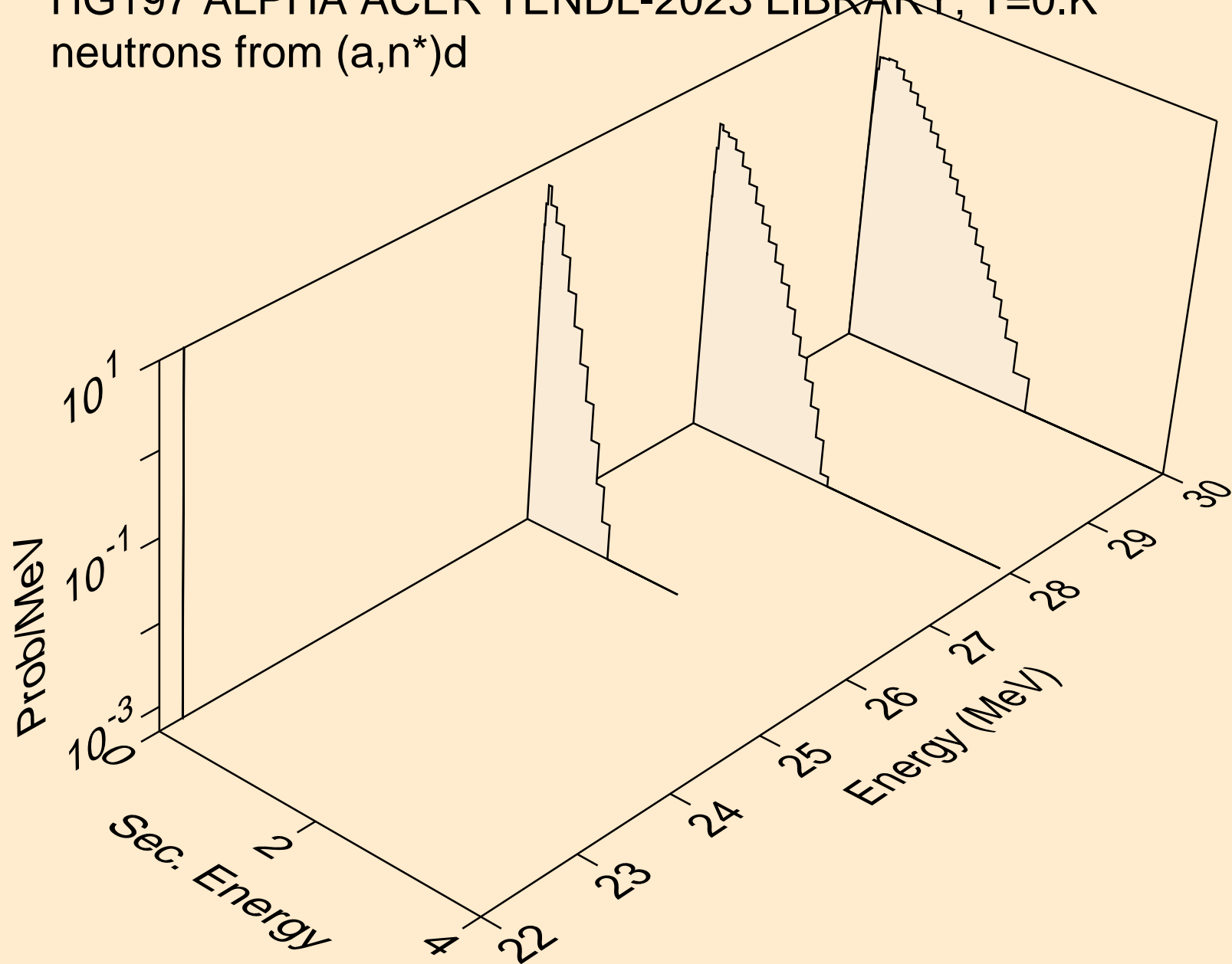
HG197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)a



HG197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)p

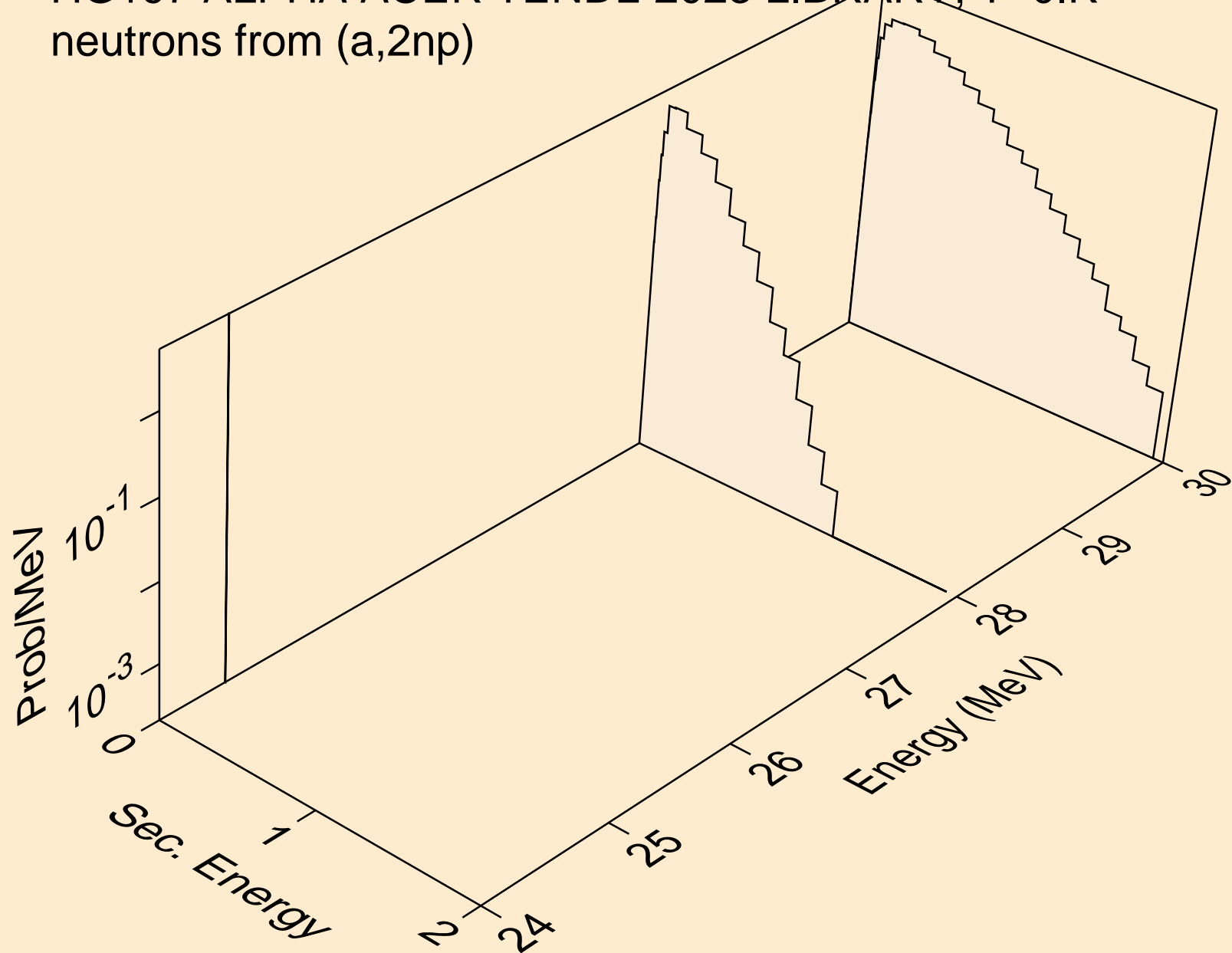


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neutrons from (a,n\*)d

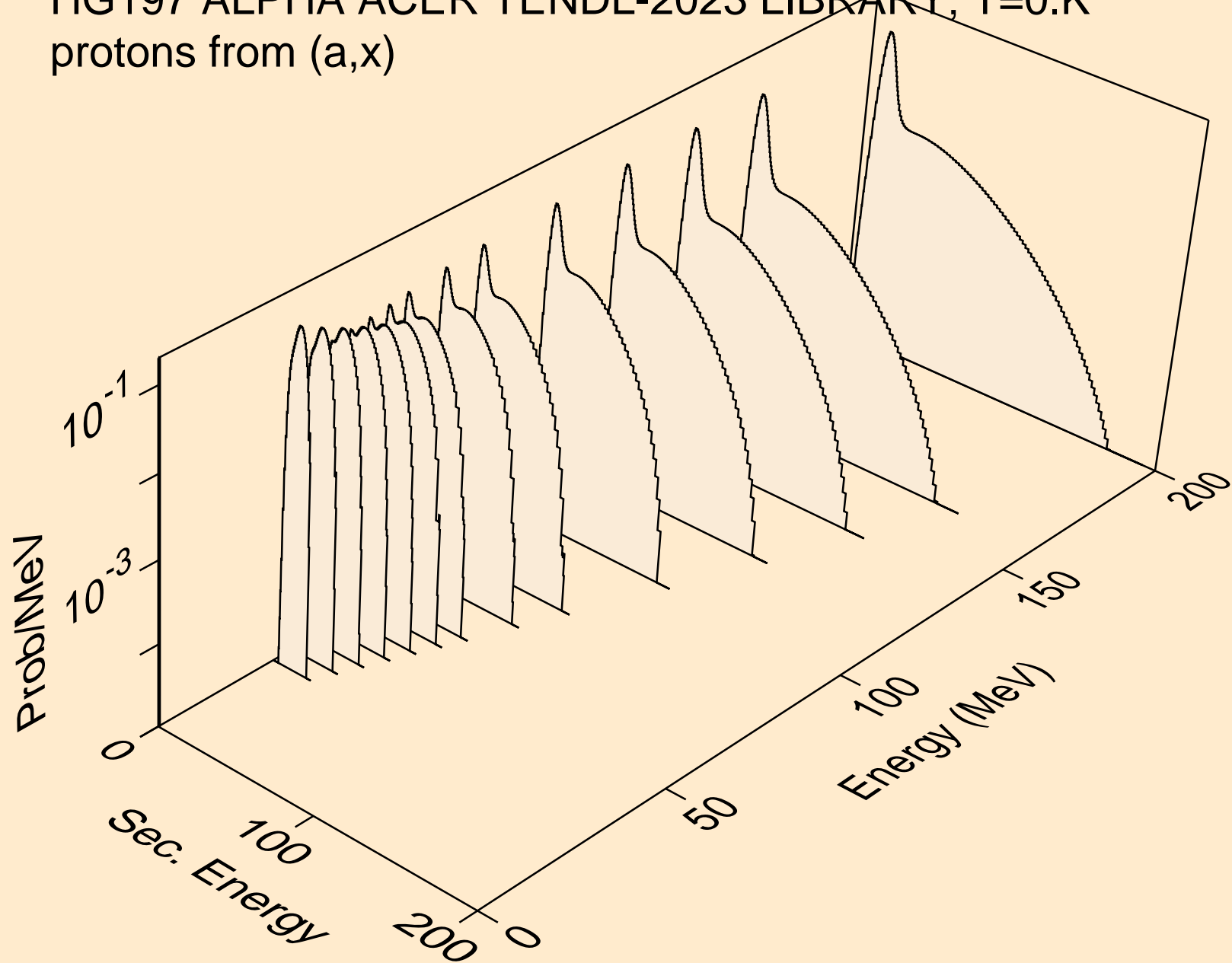




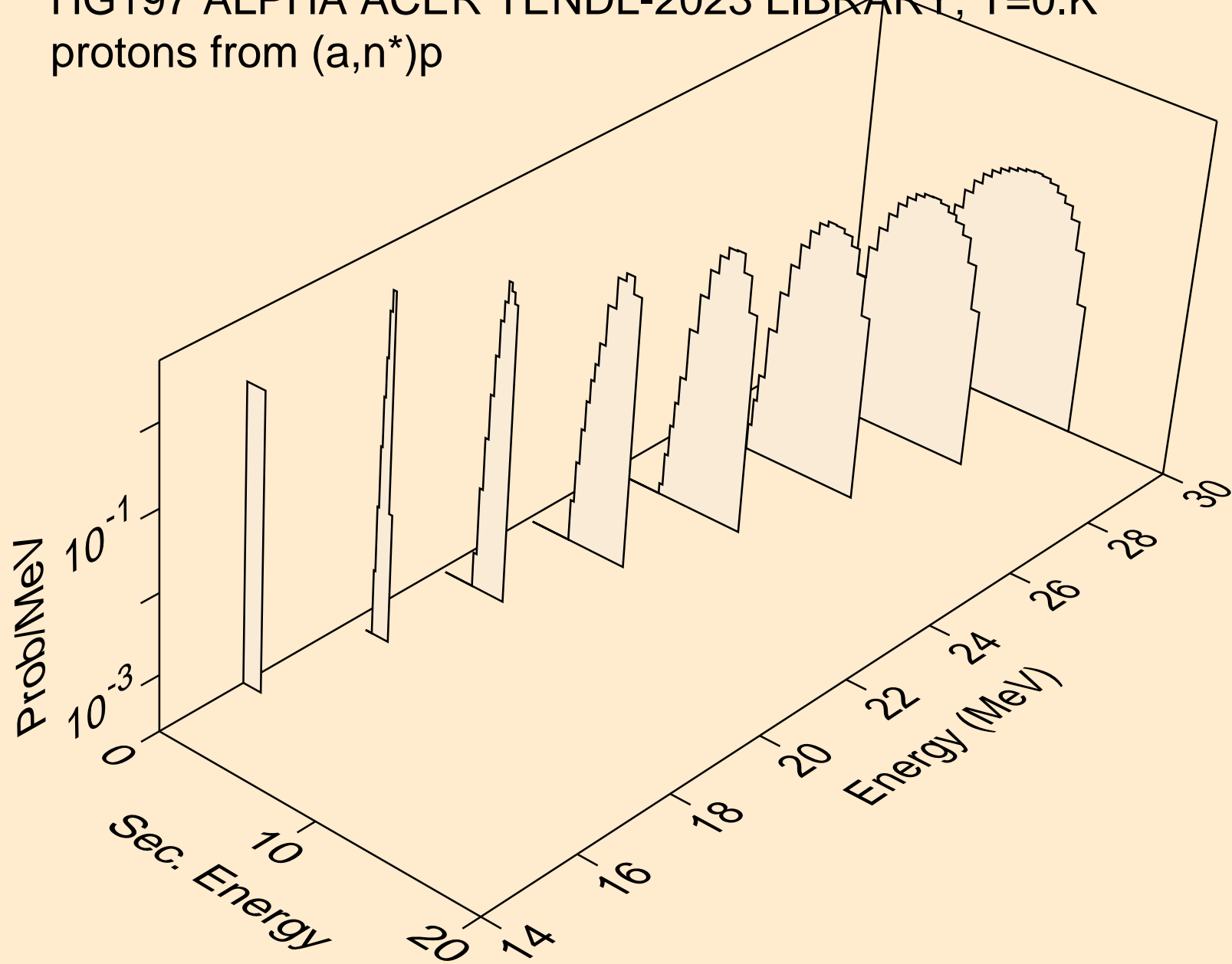
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neutrons from (a,2np)



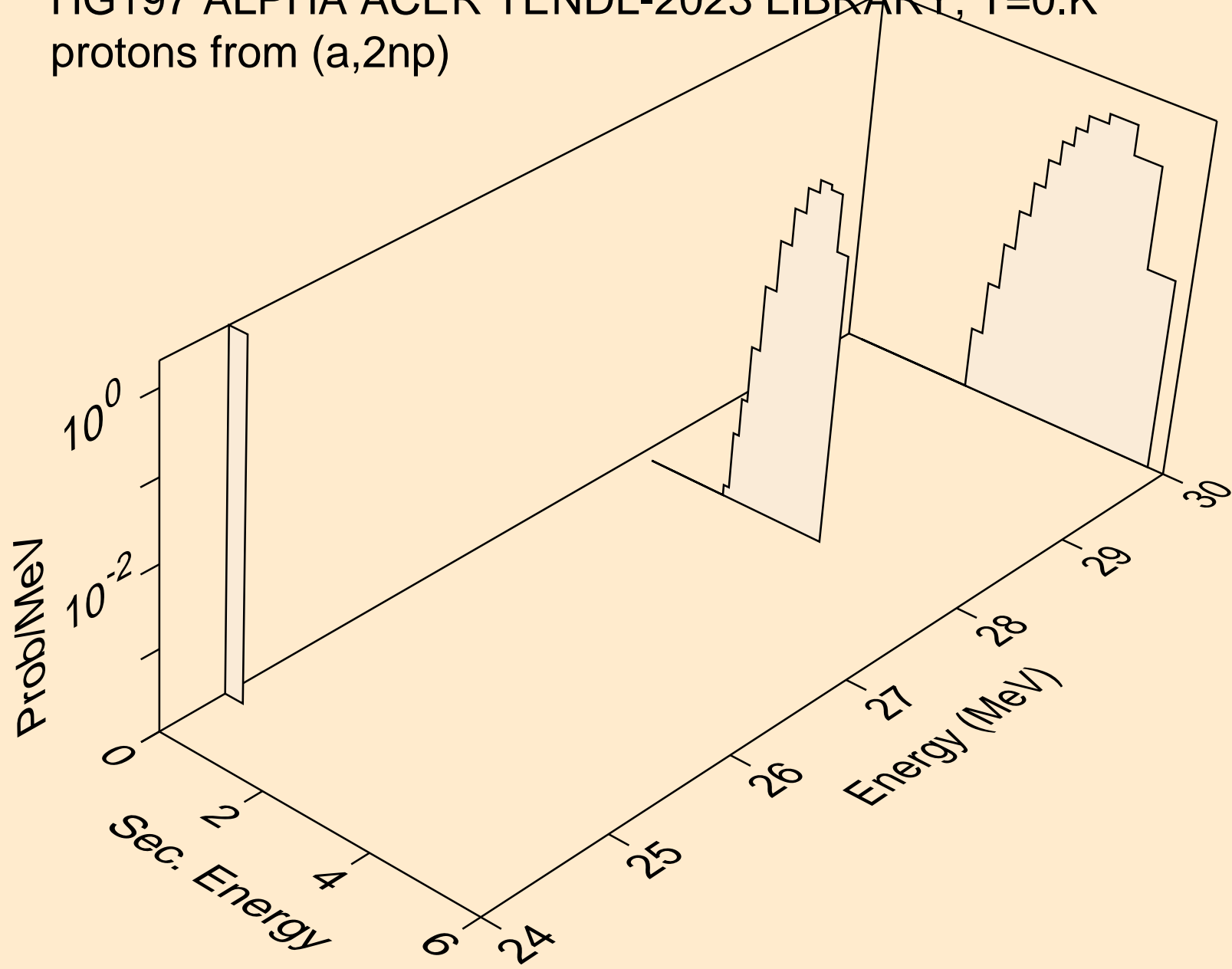
HG197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,x)



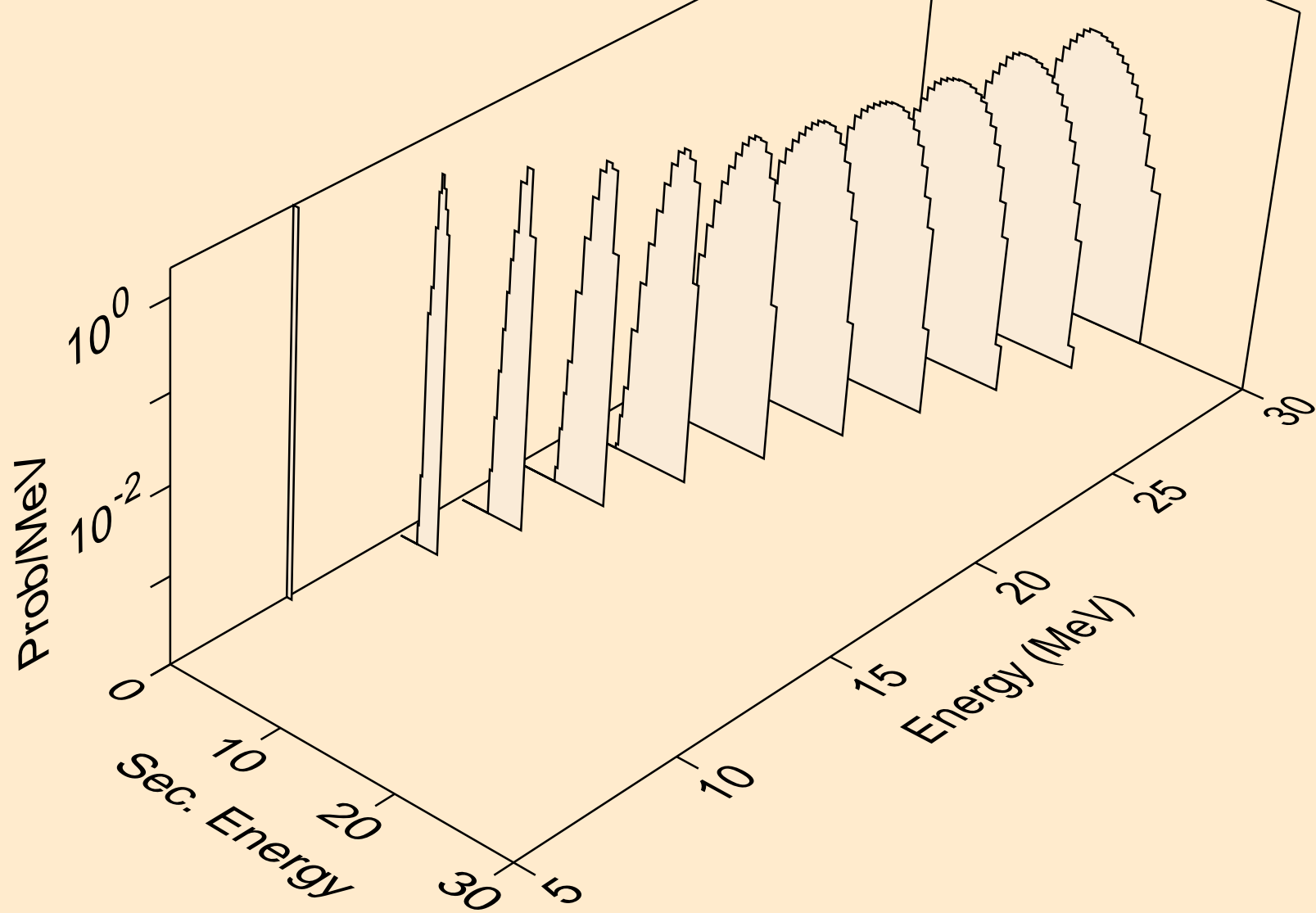
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protons from (a,n\*)p



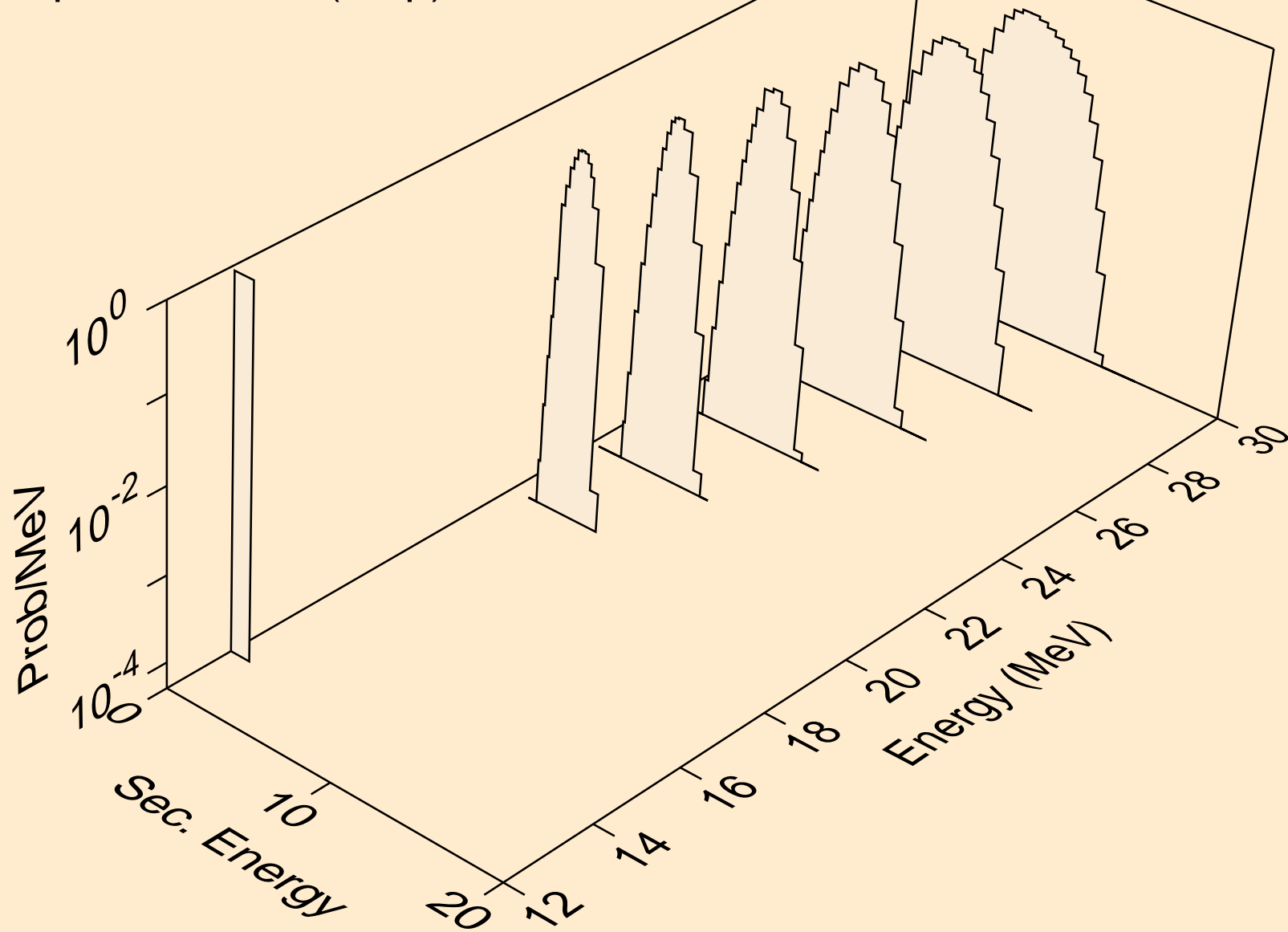
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protons from (a,2np)



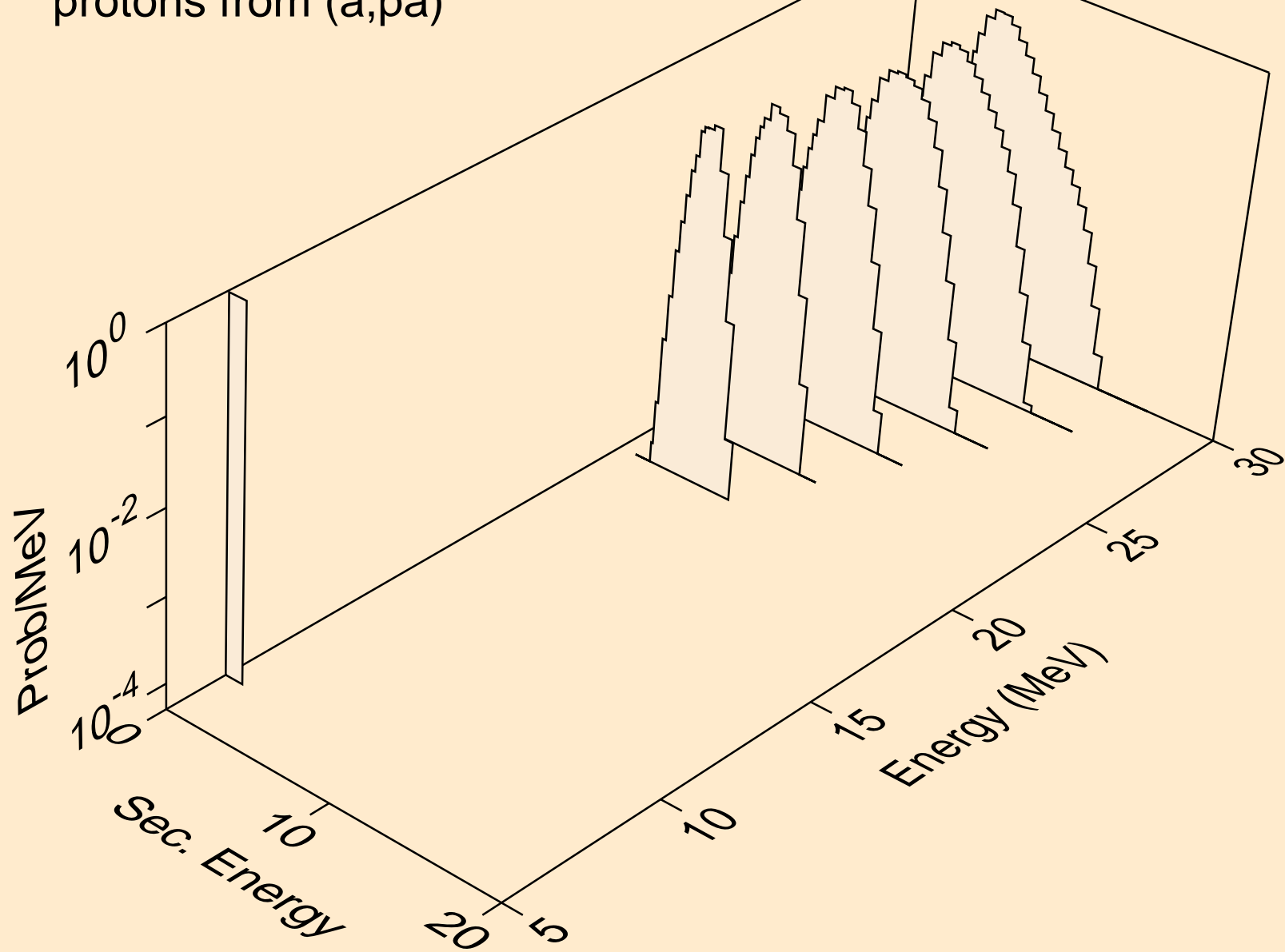
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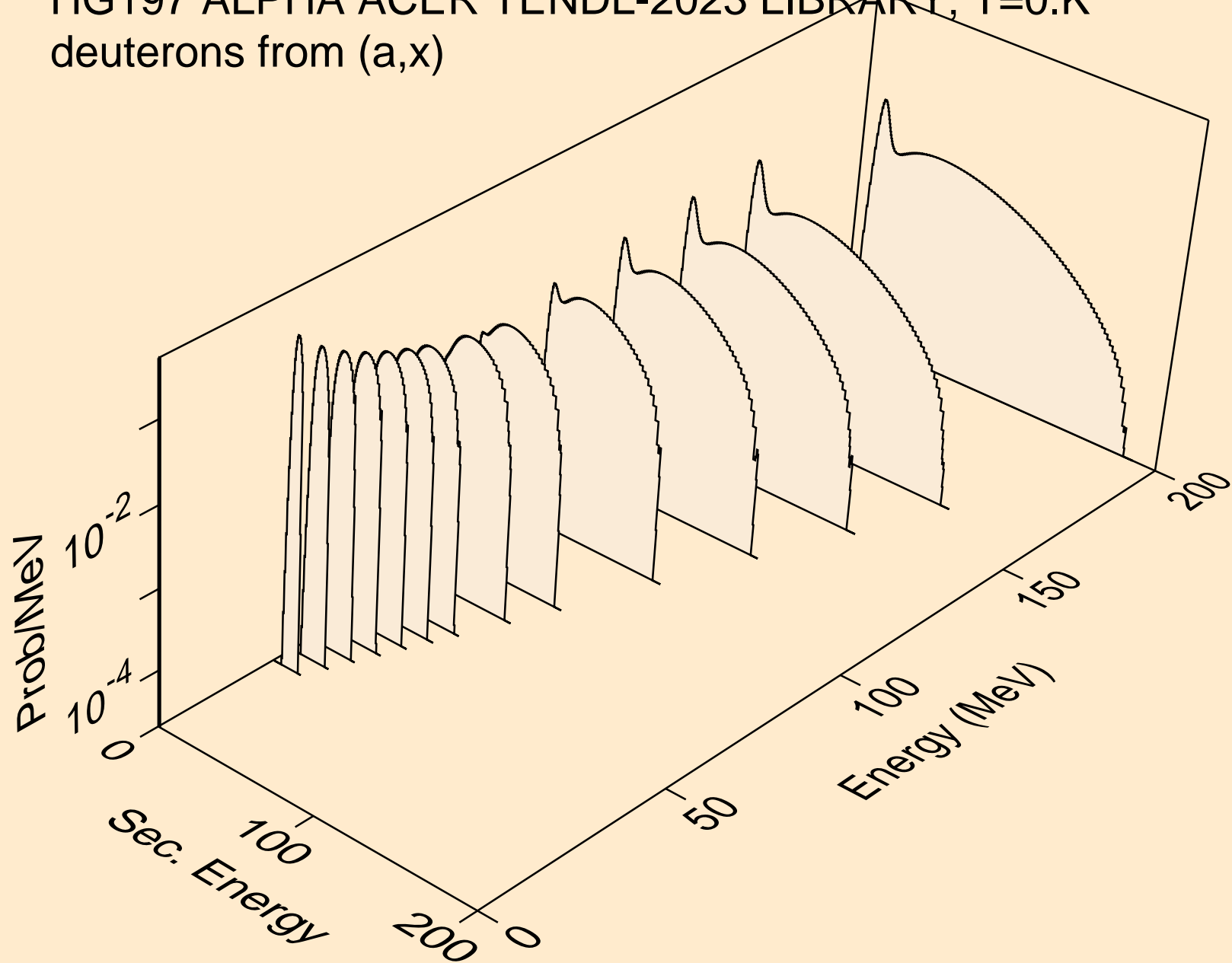
HG197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2p)



HG197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pa)

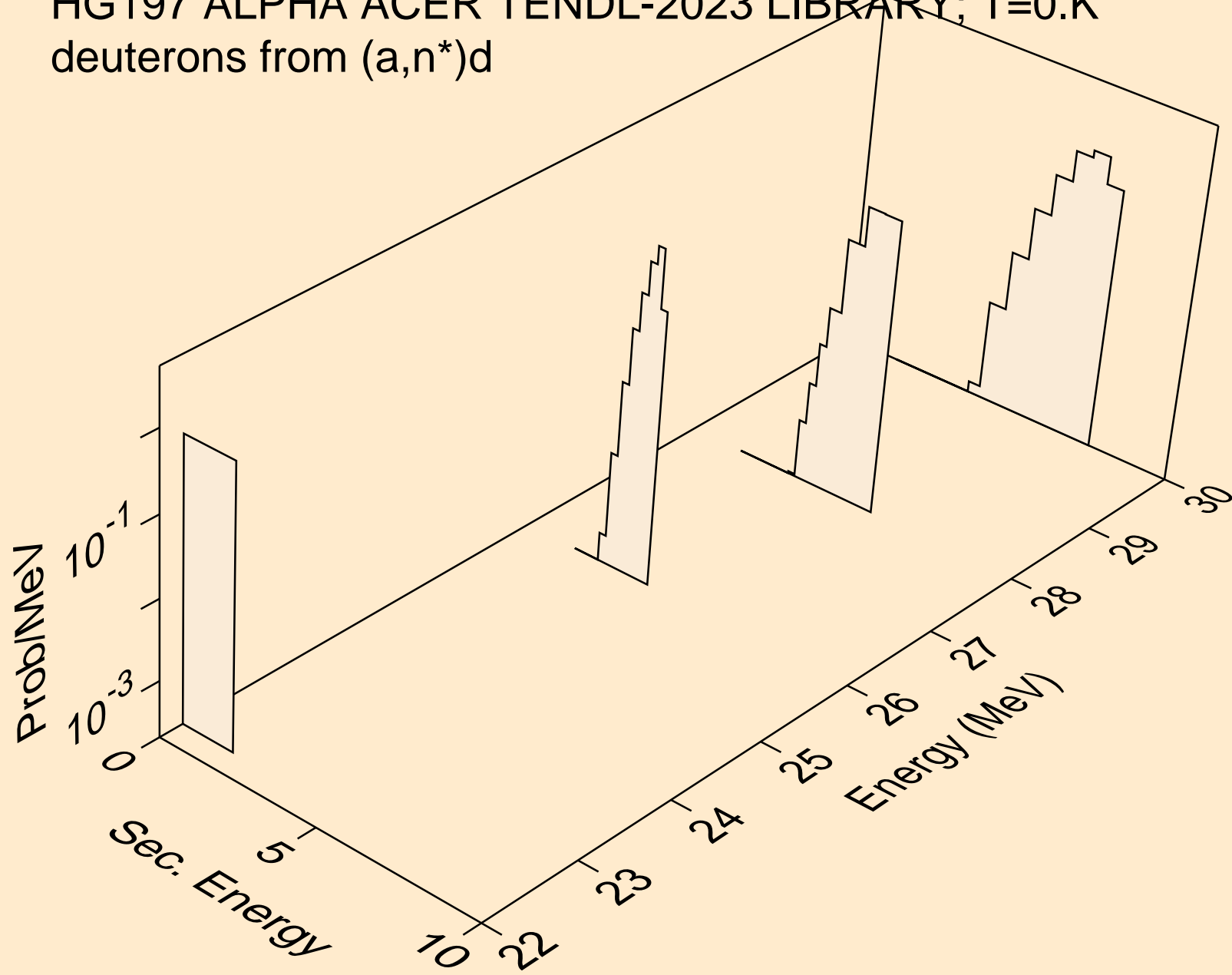


HG197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,x)

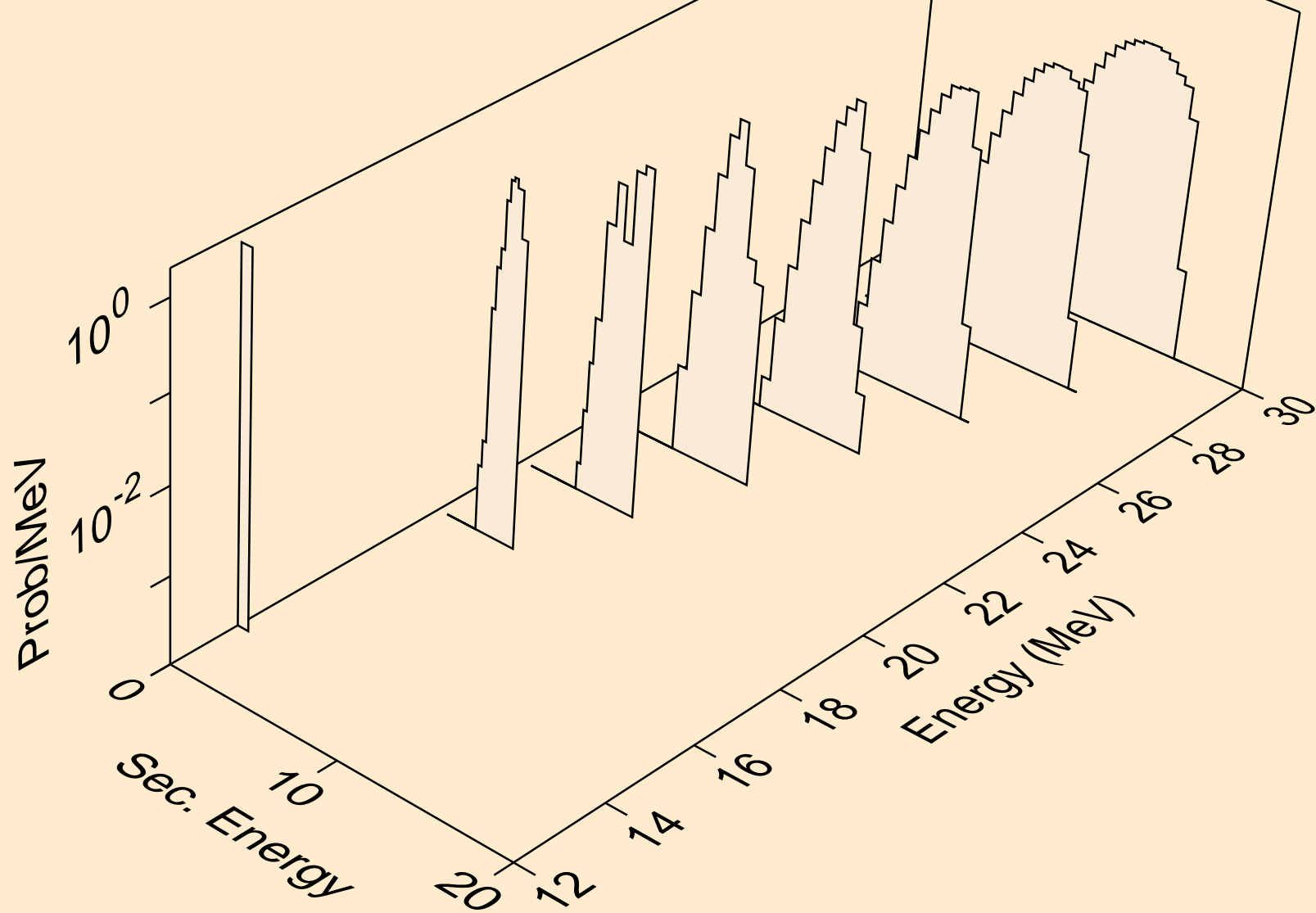




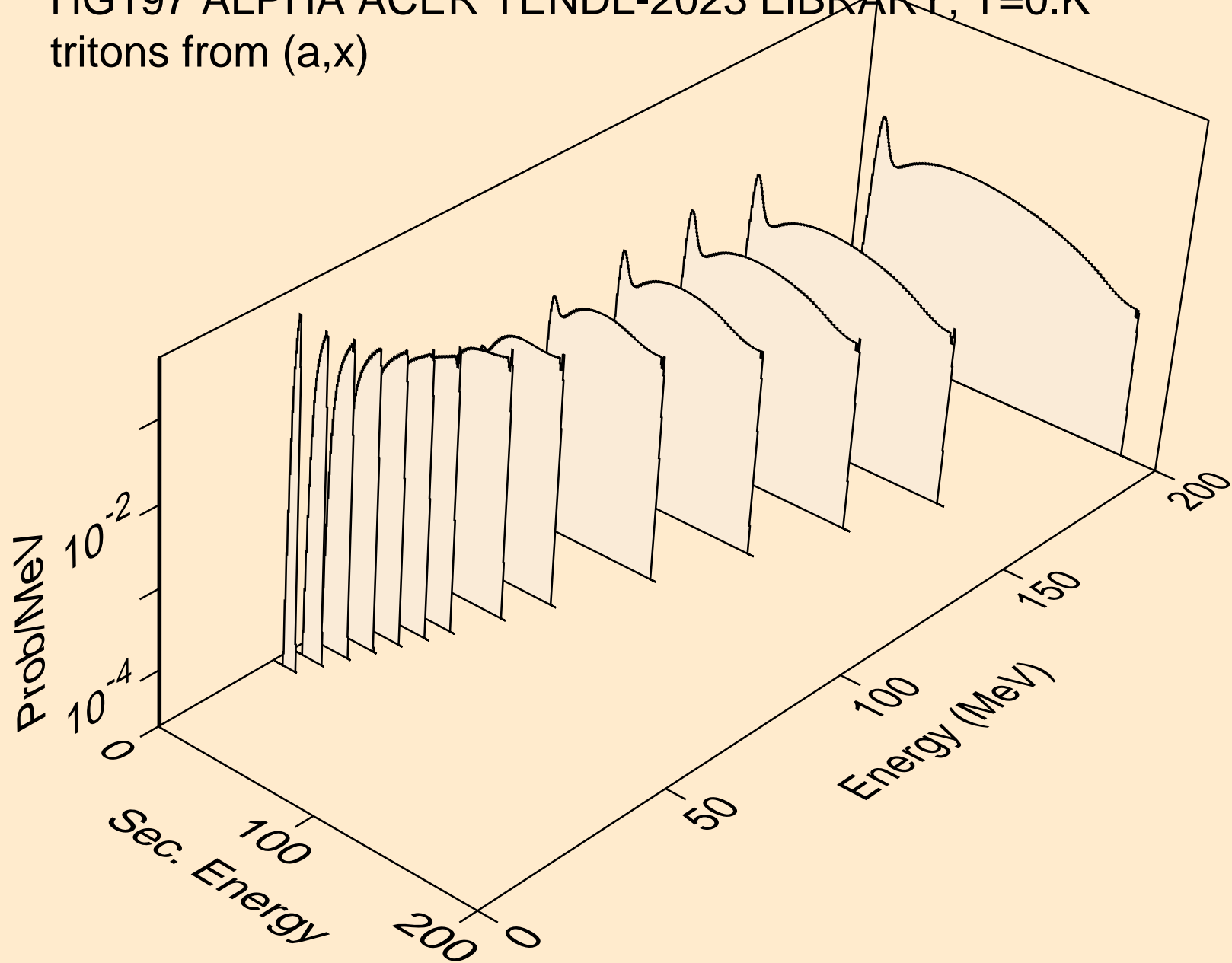
HG197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,n\*)d



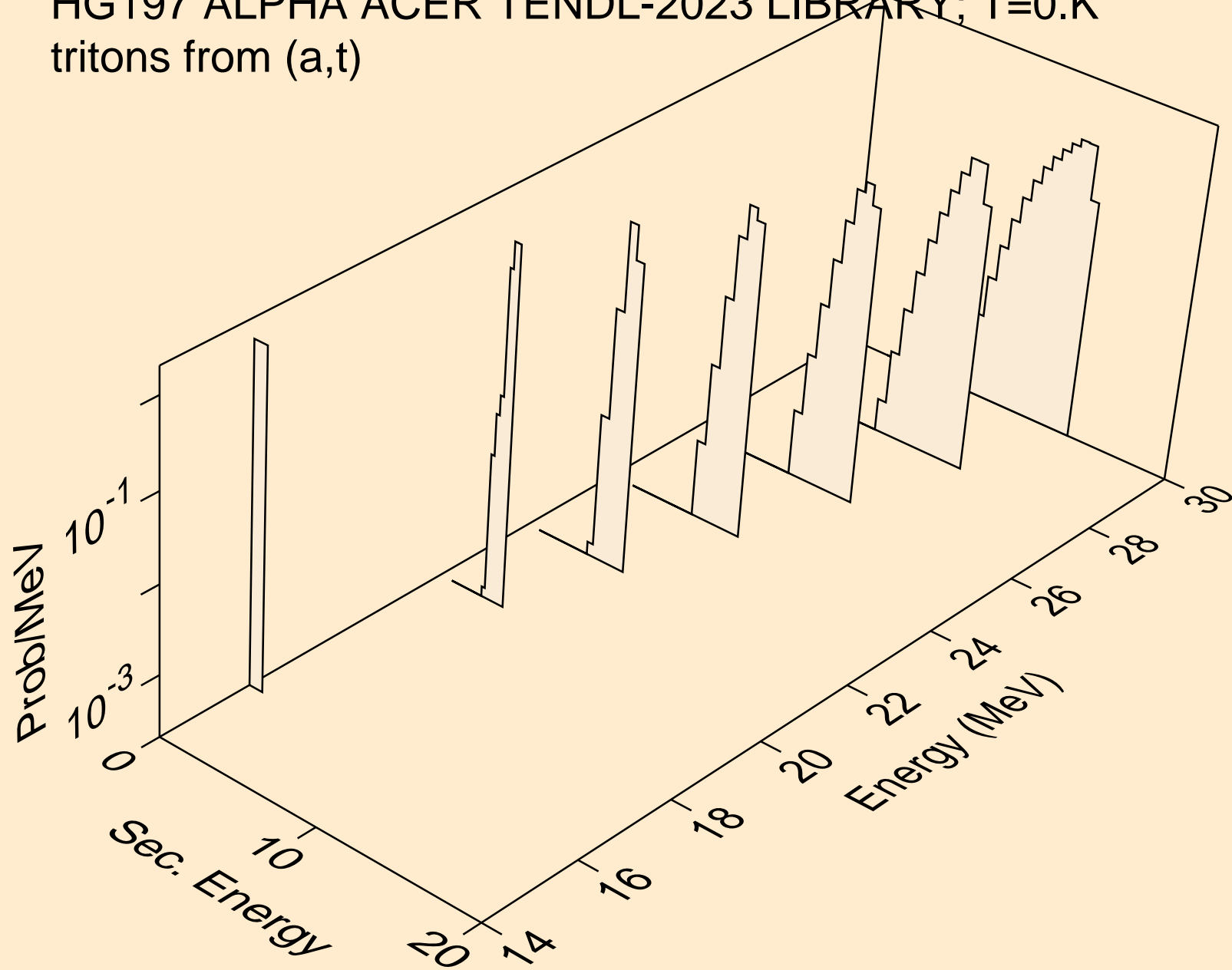
HG197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,d)



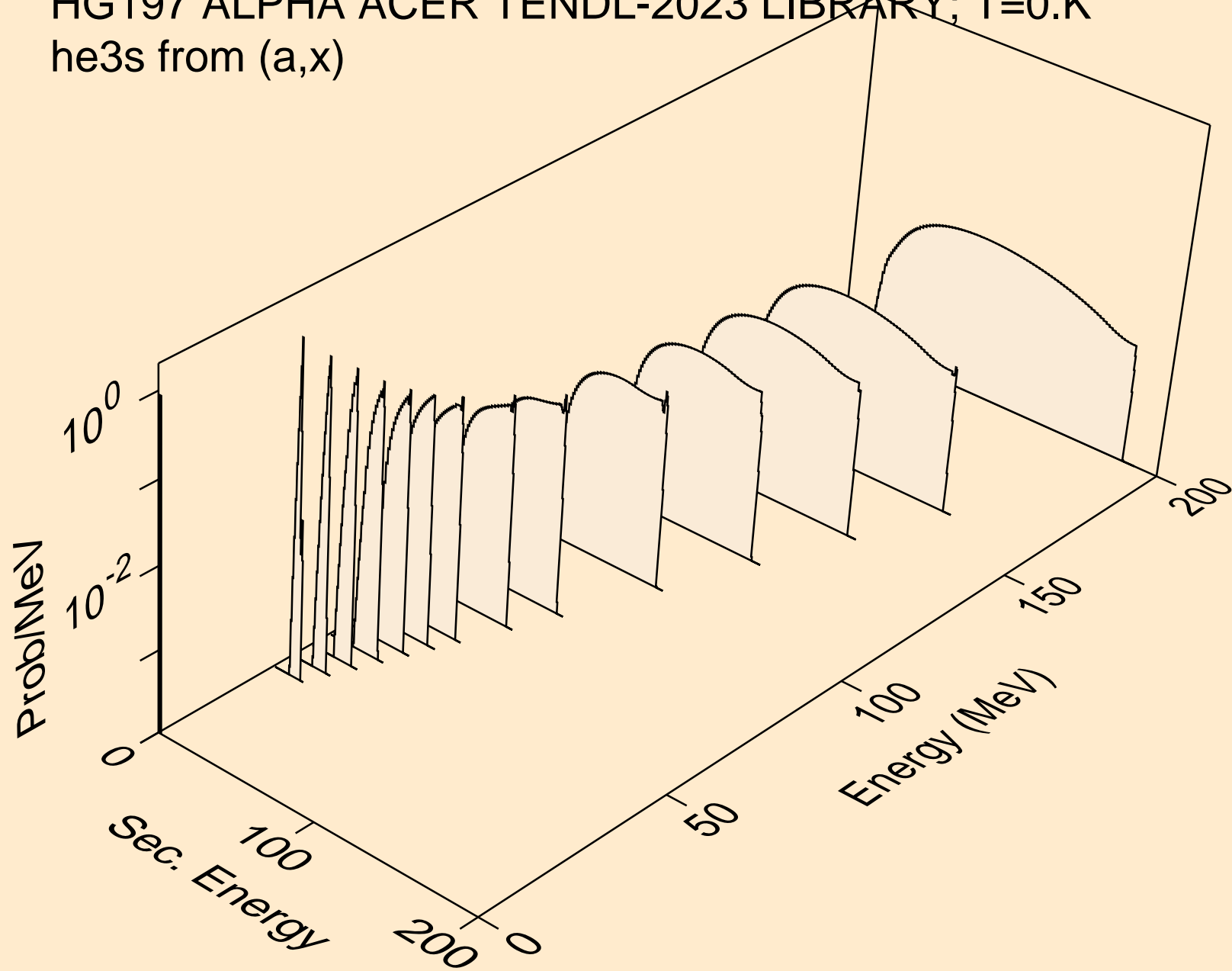
HG197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)



HG197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)



HG197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



HG197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

