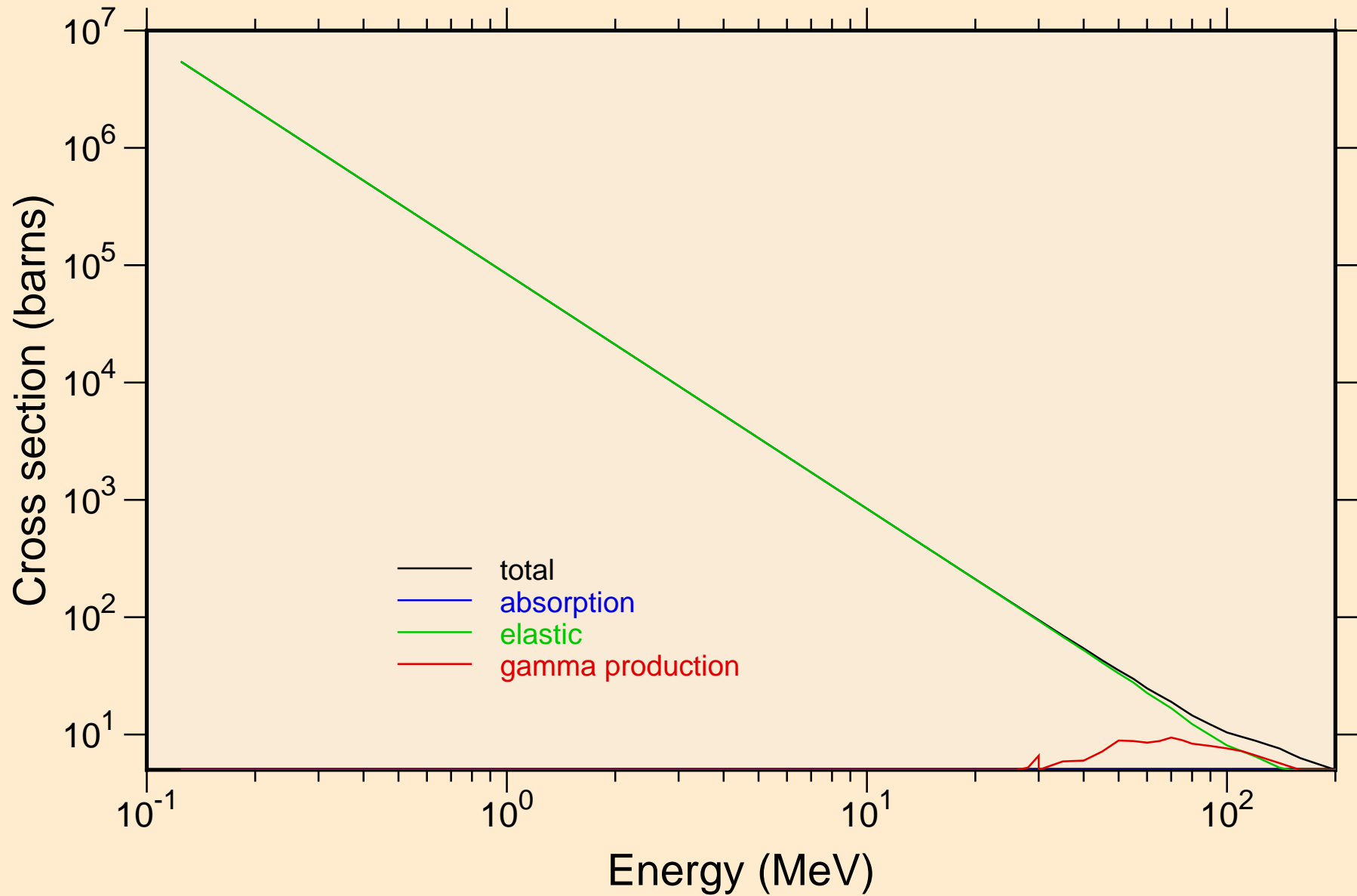


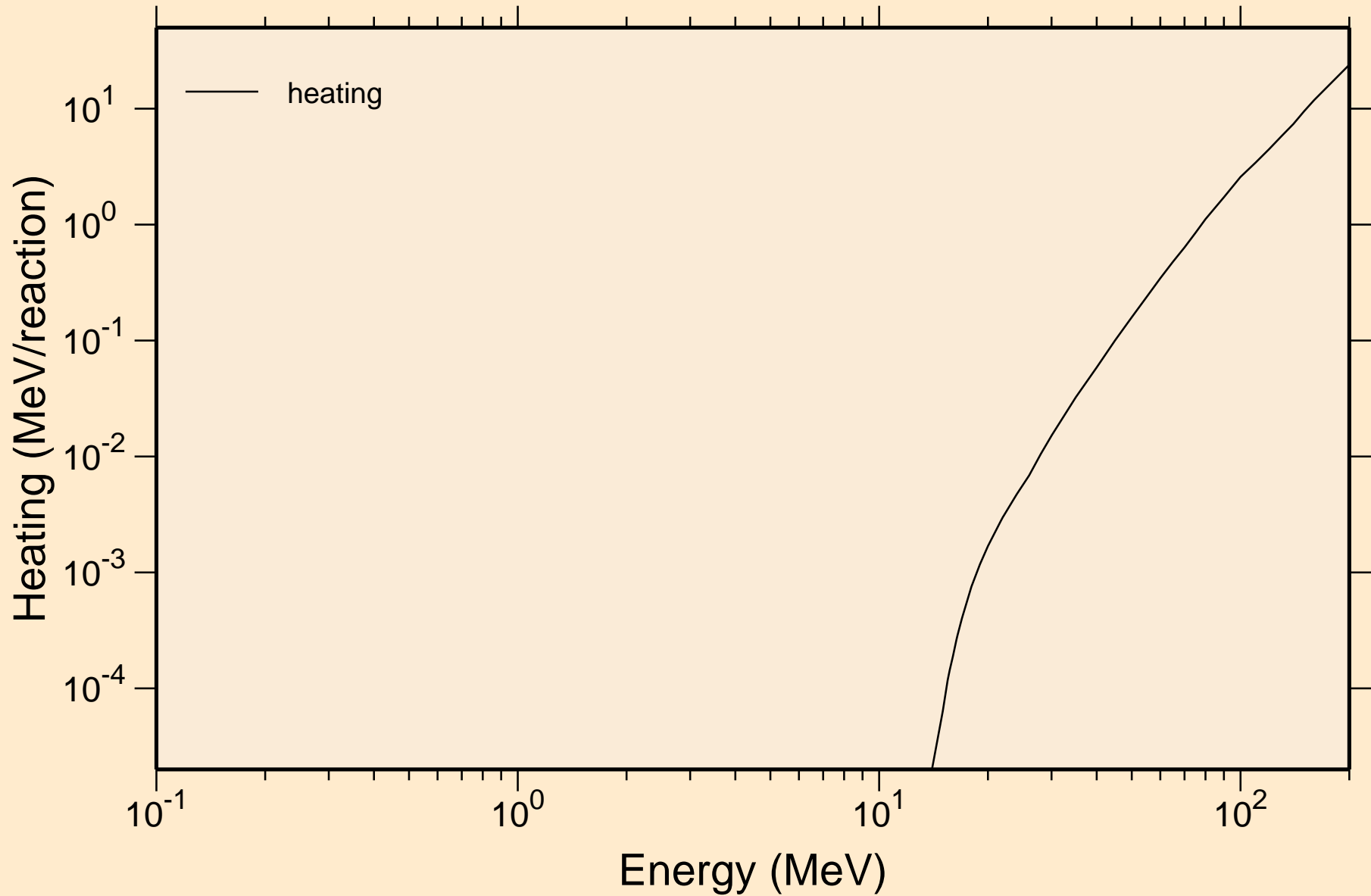
# LA147 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



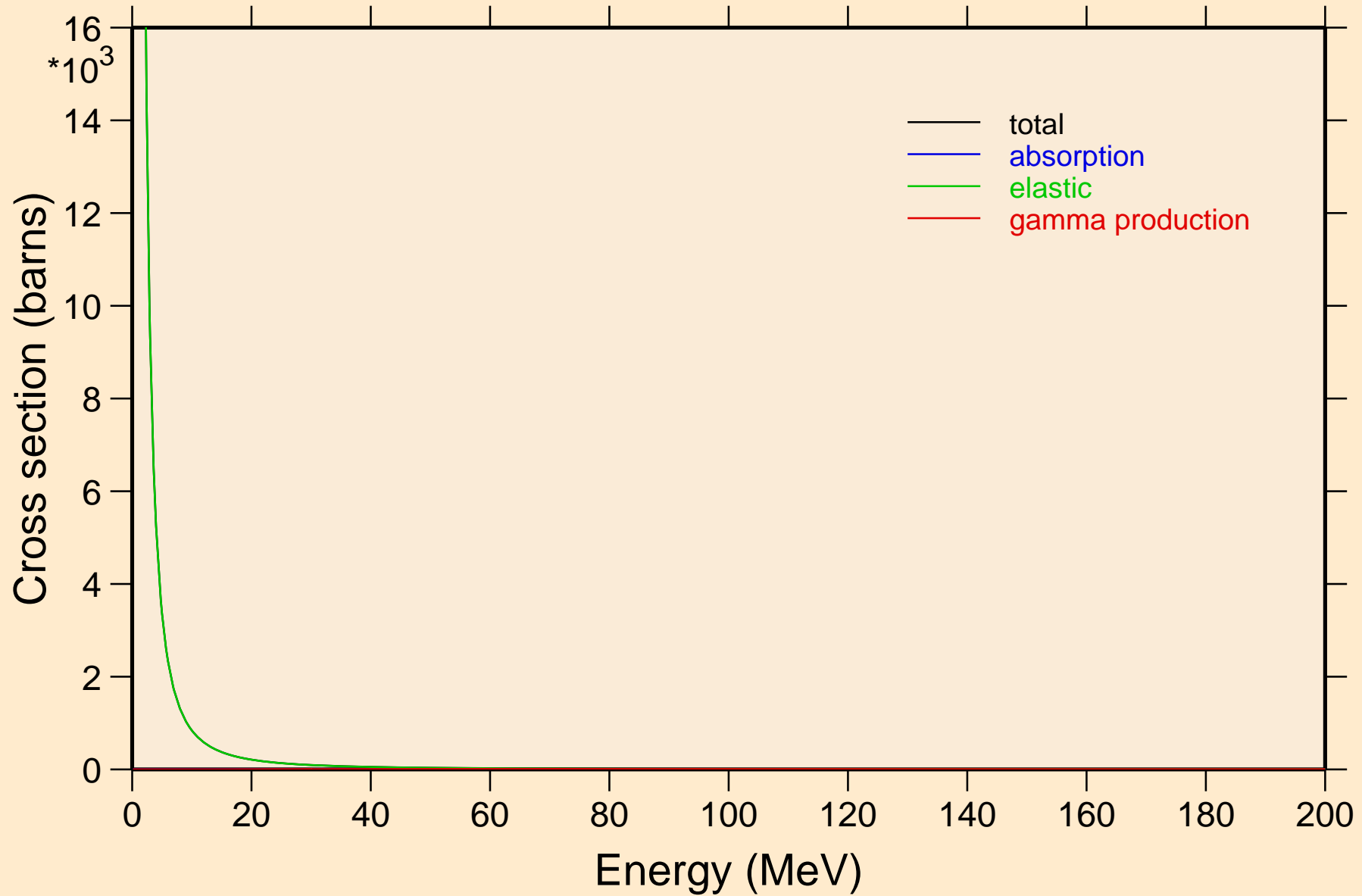
LA147 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating



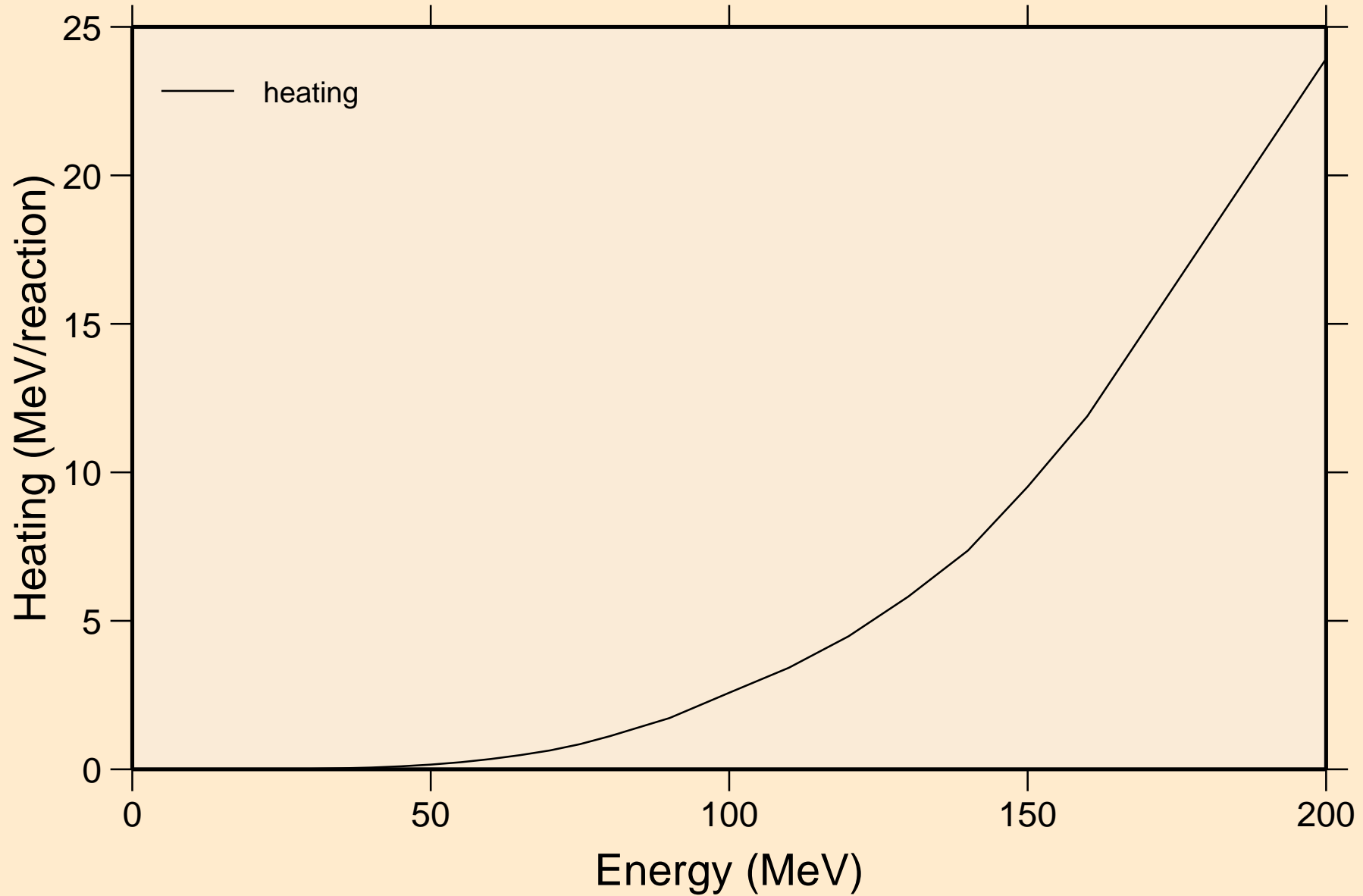
# LA147 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



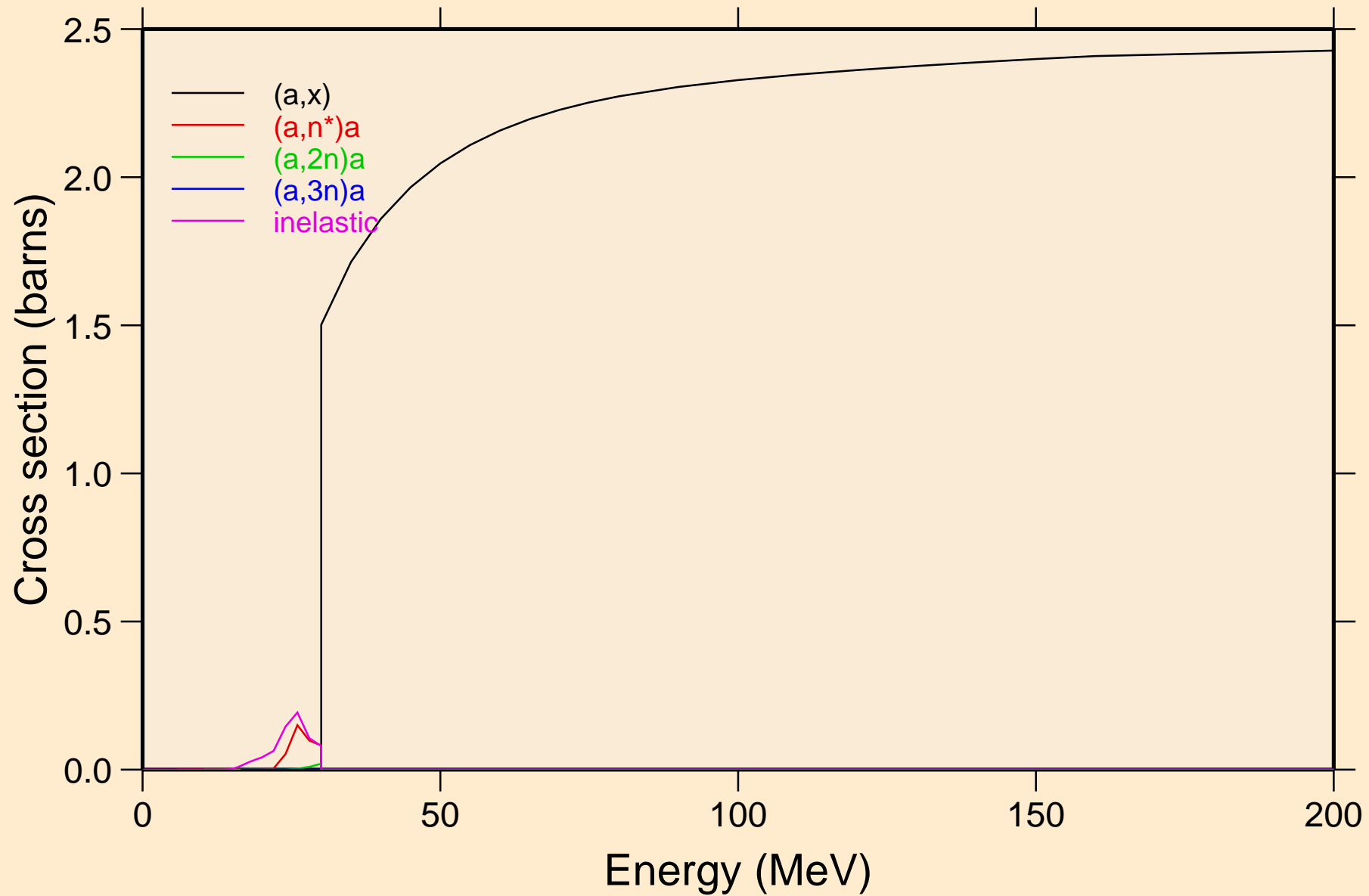
LA147 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating

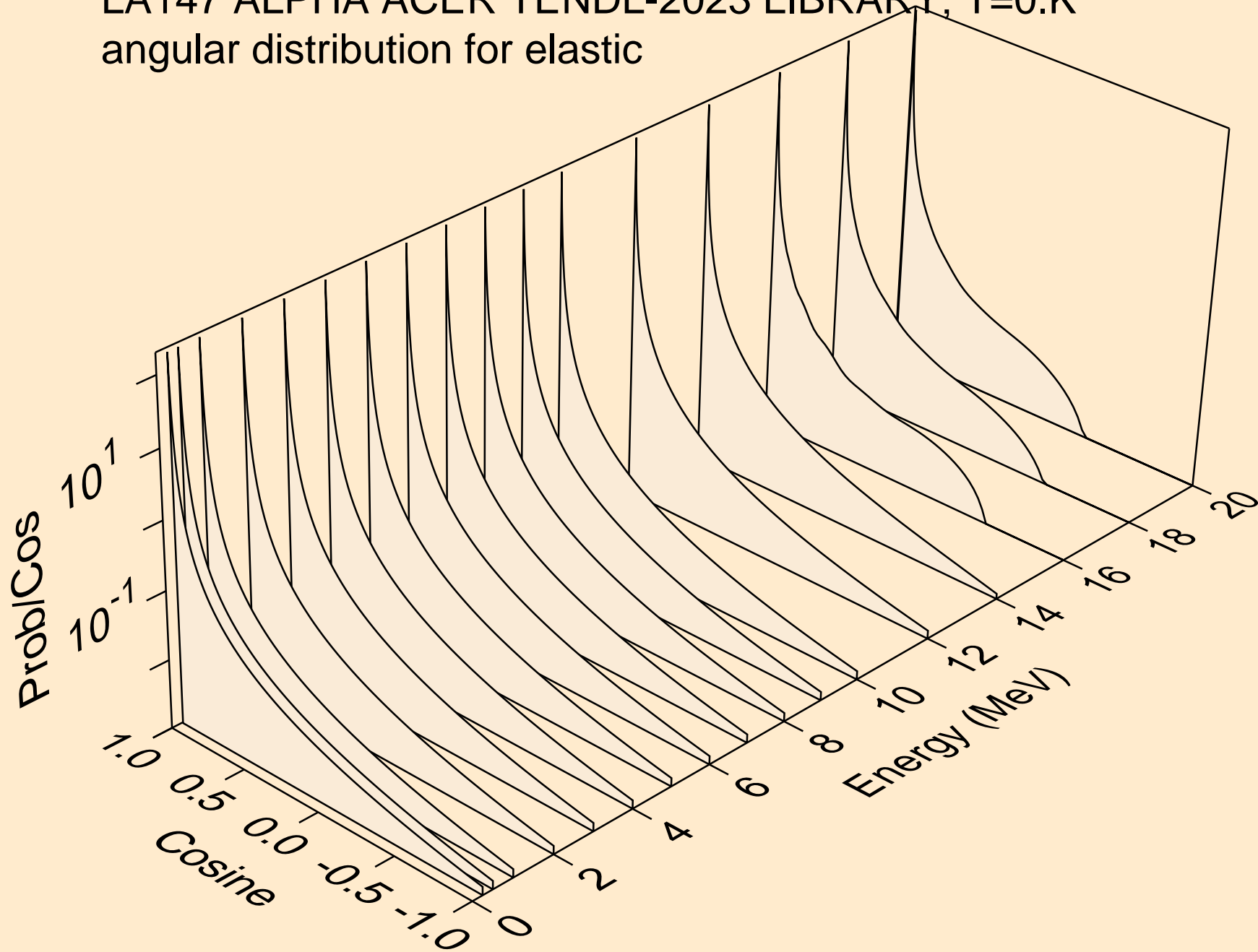


# LA147 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

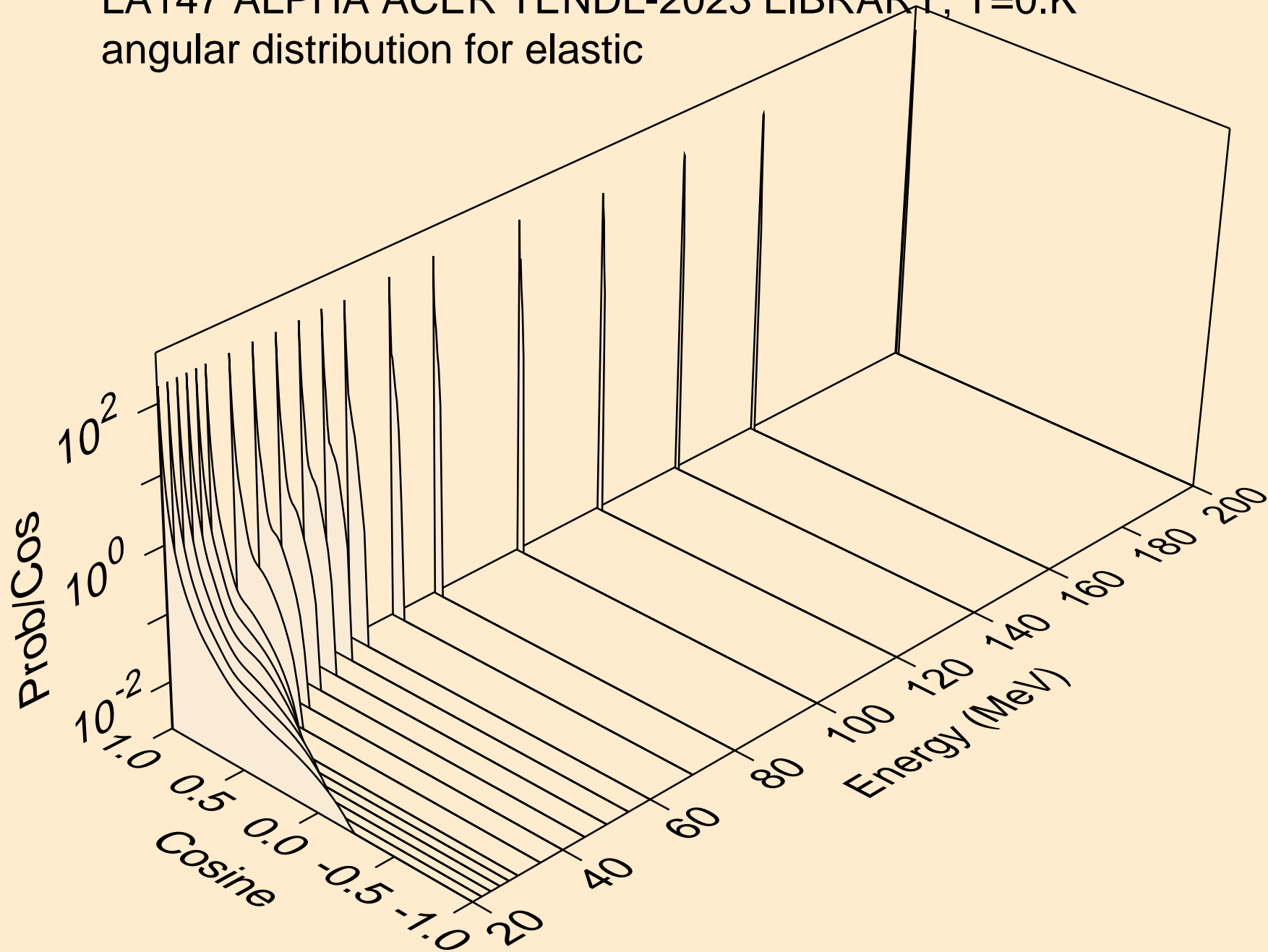
## Threshold reactions



LA147 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

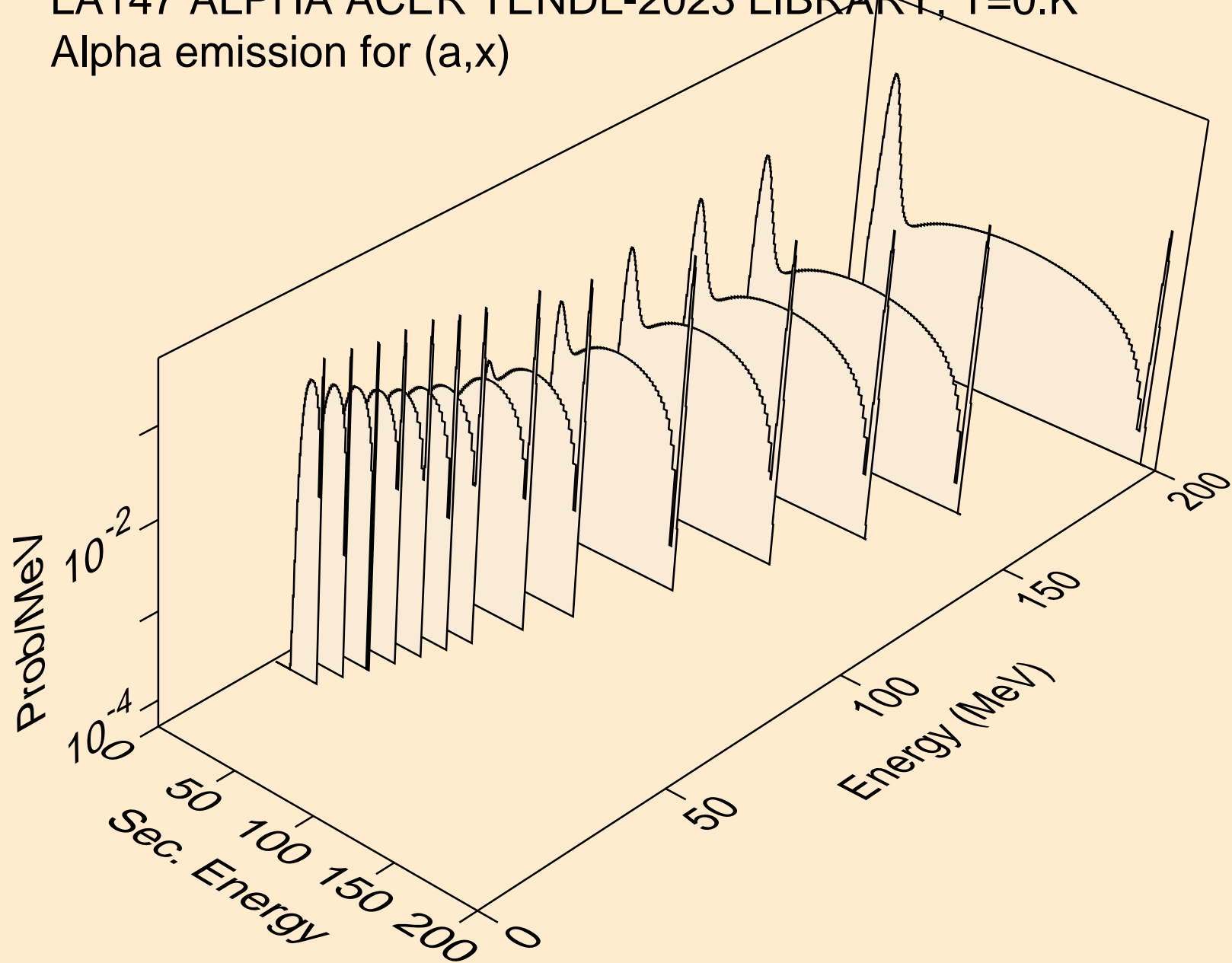


LA147 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

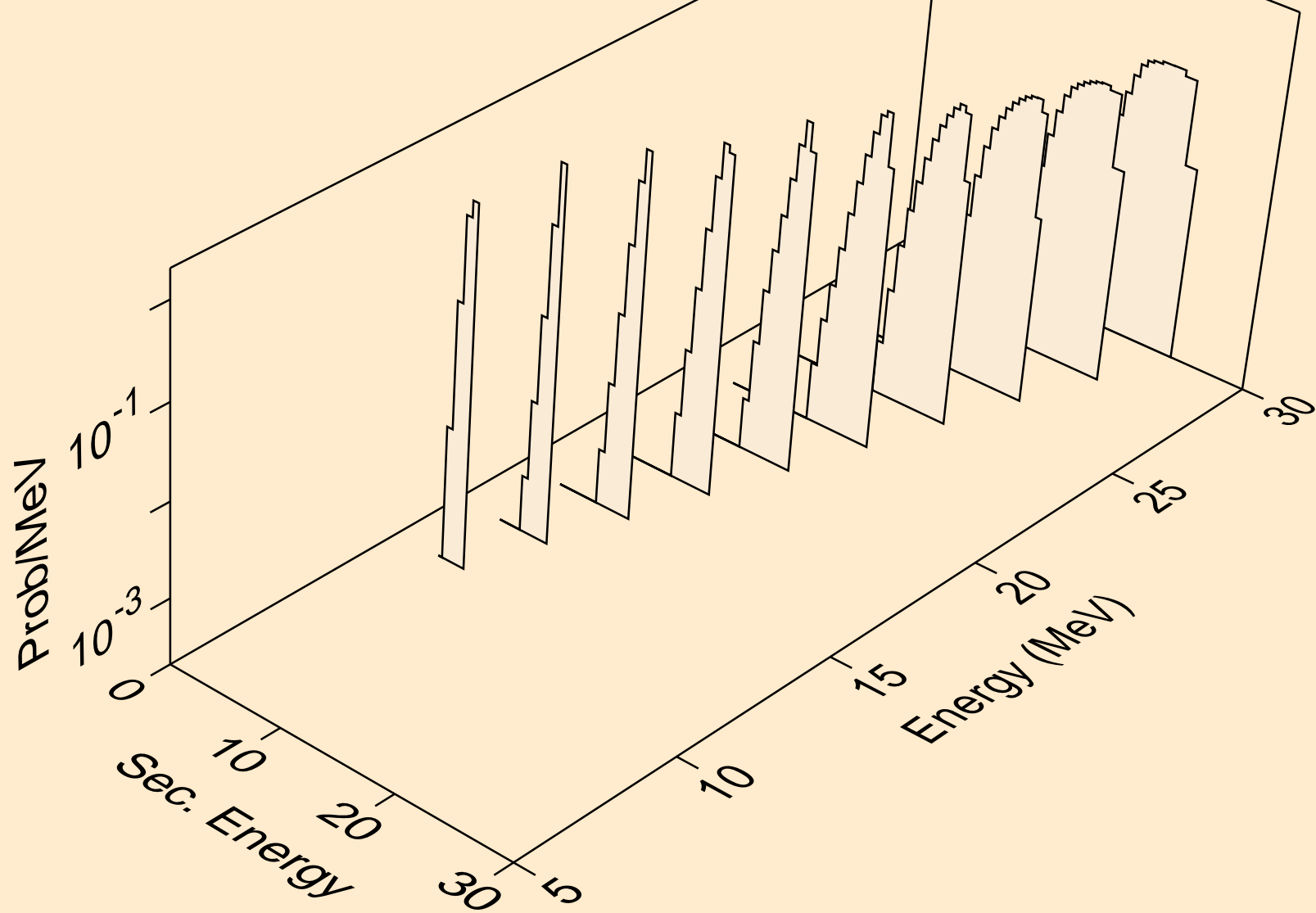


# LA147 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

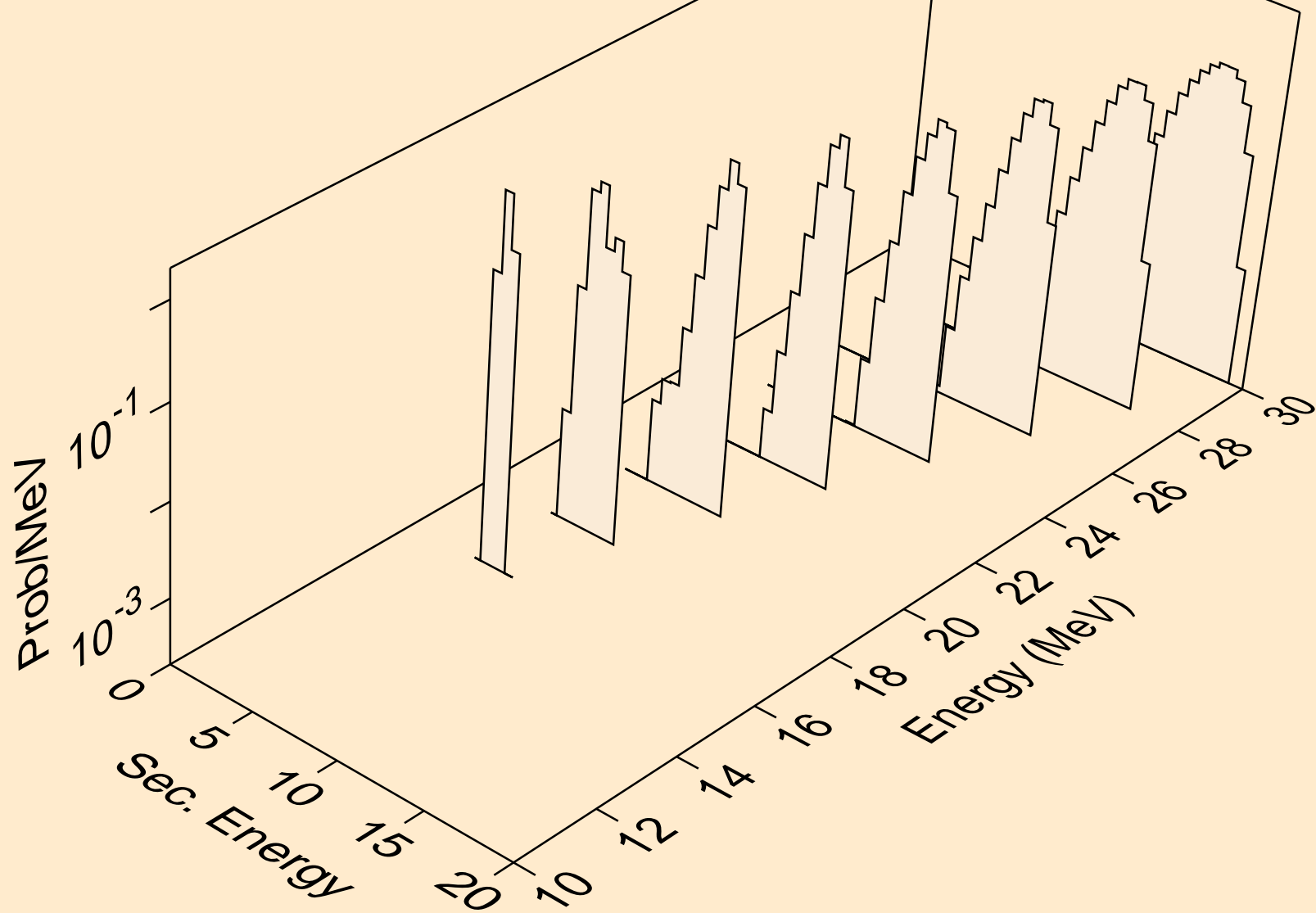
Alpha emission for (a,x)



LA147 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a

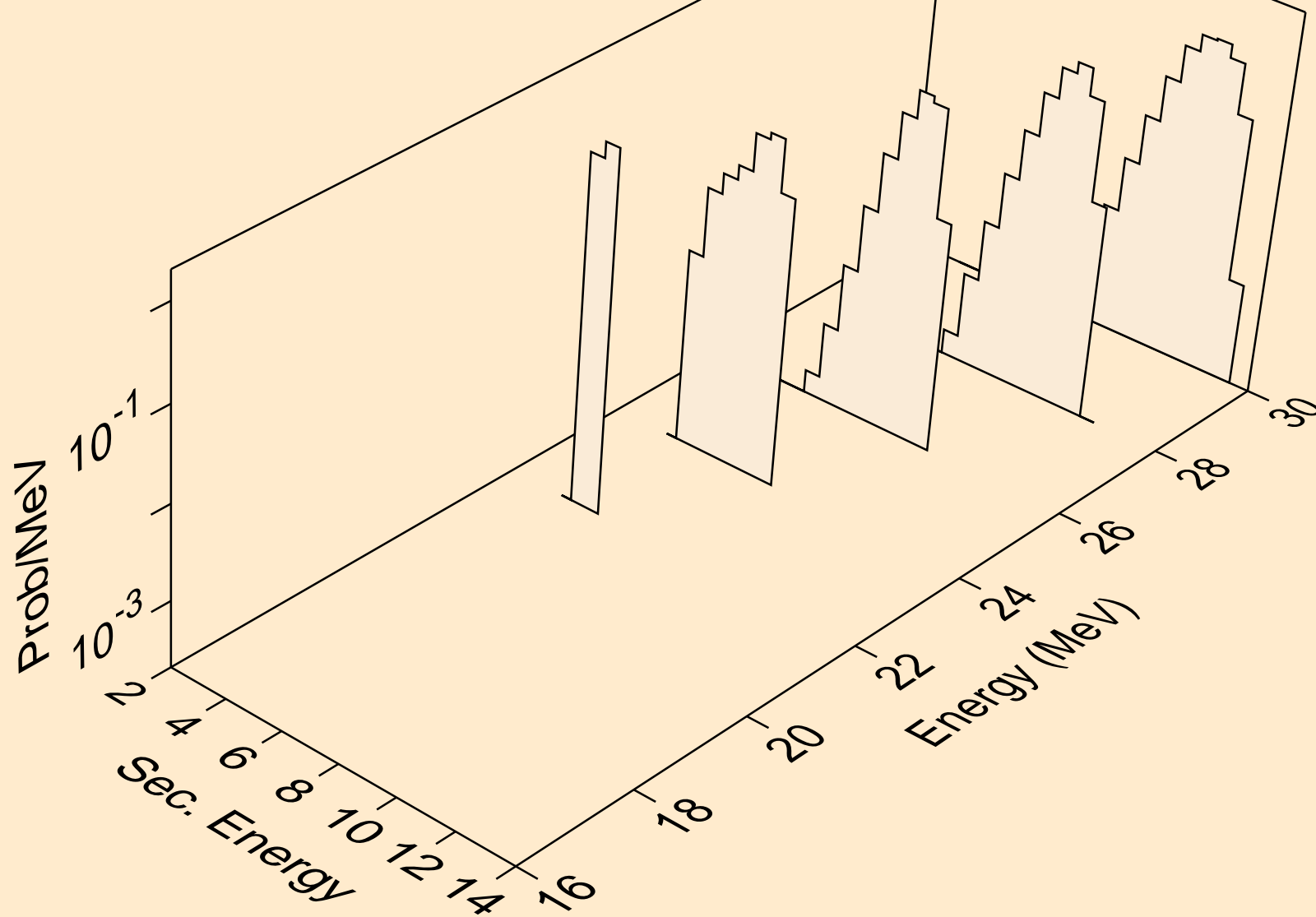


LA147 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2n)a

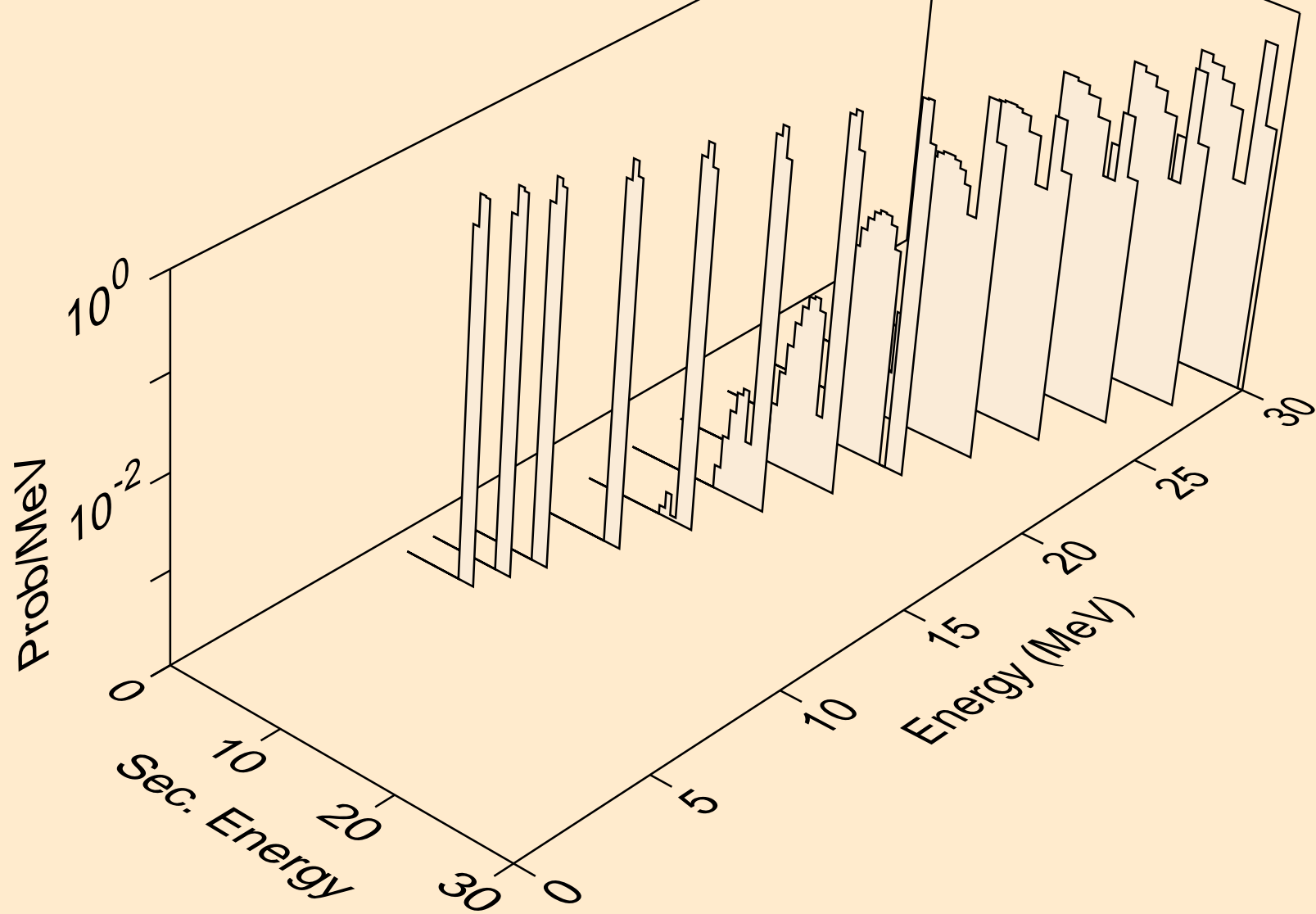


LA147 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

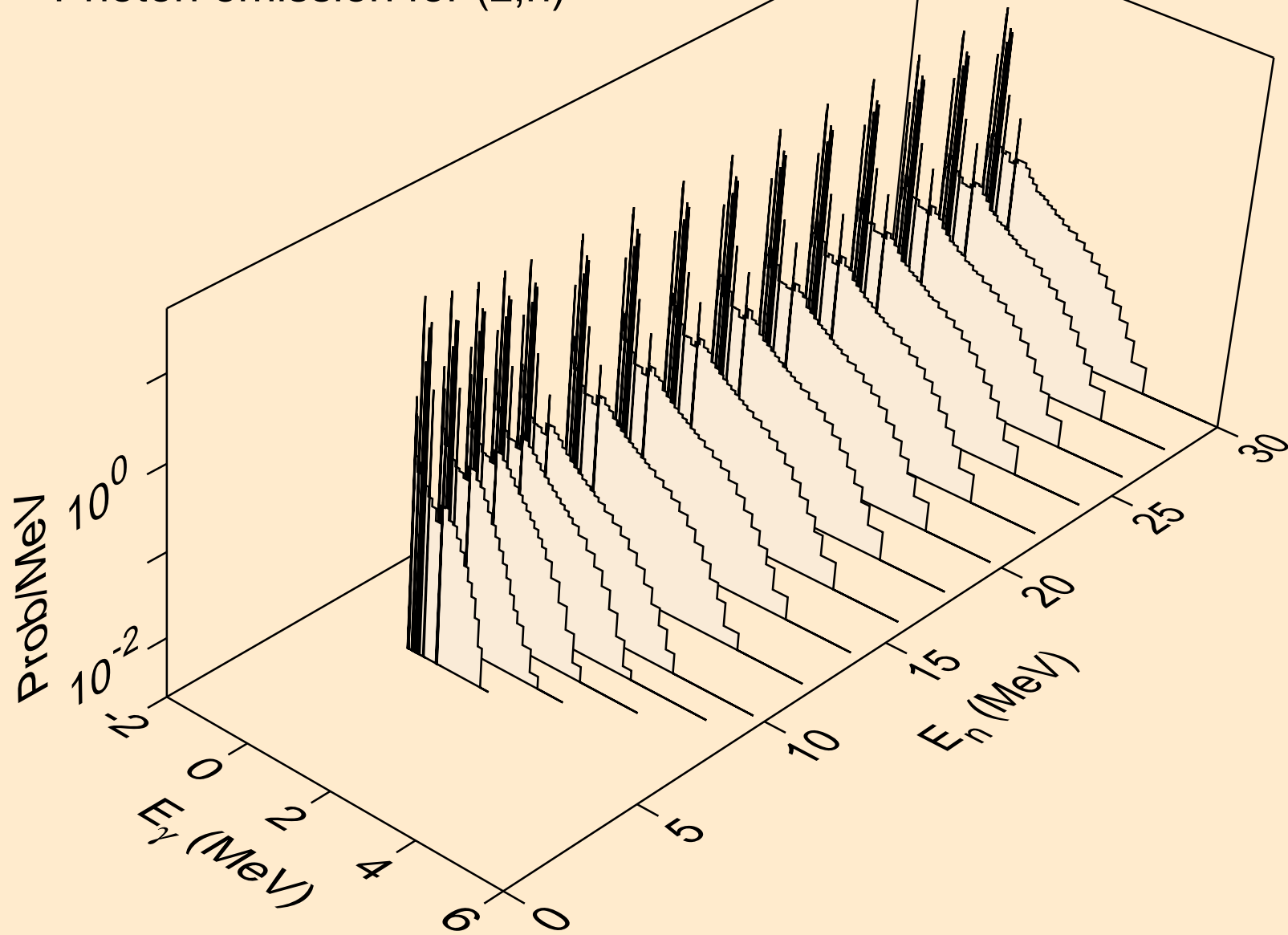
Alpha emission for (a,3n)a



LA147 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic

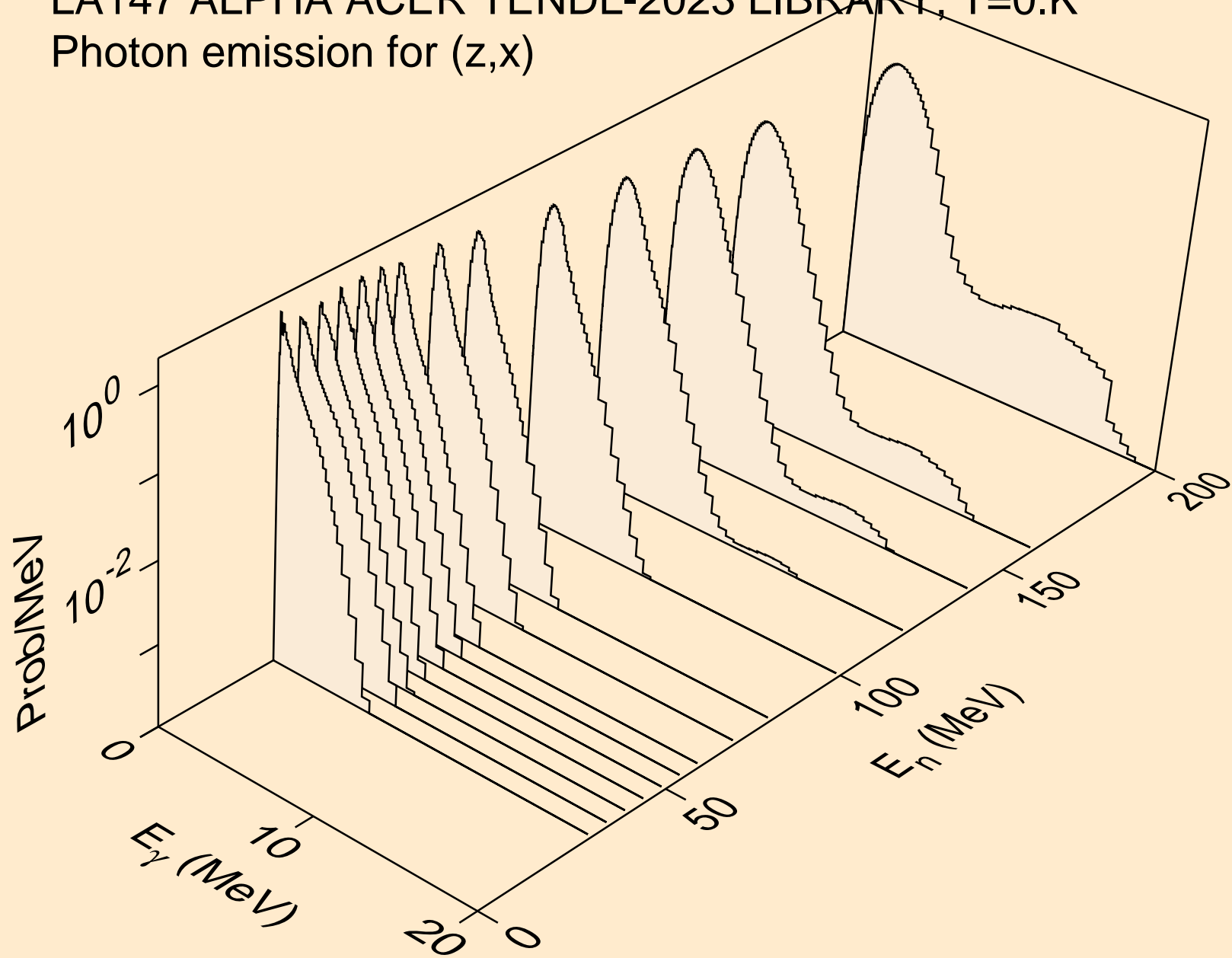


LA147 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)

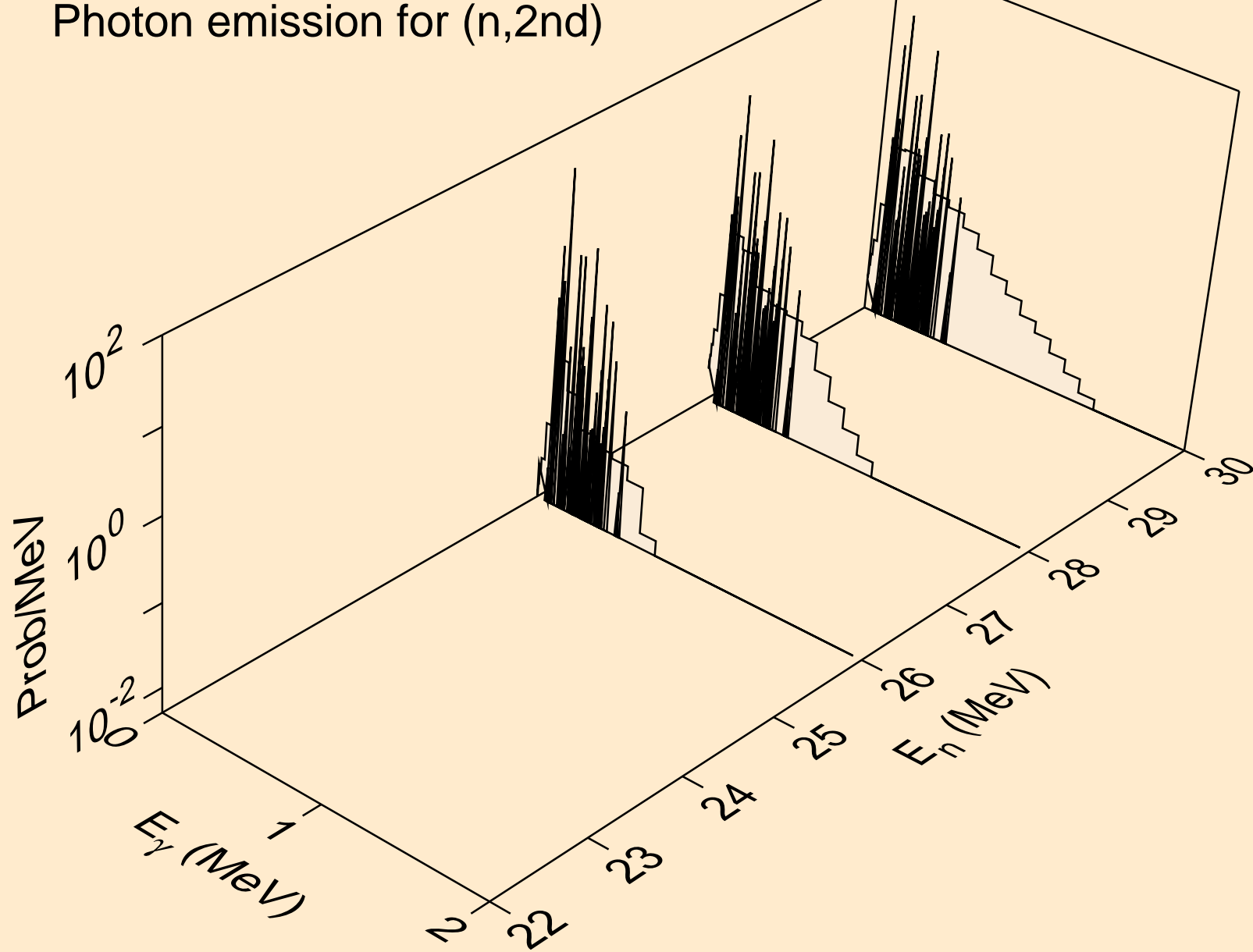


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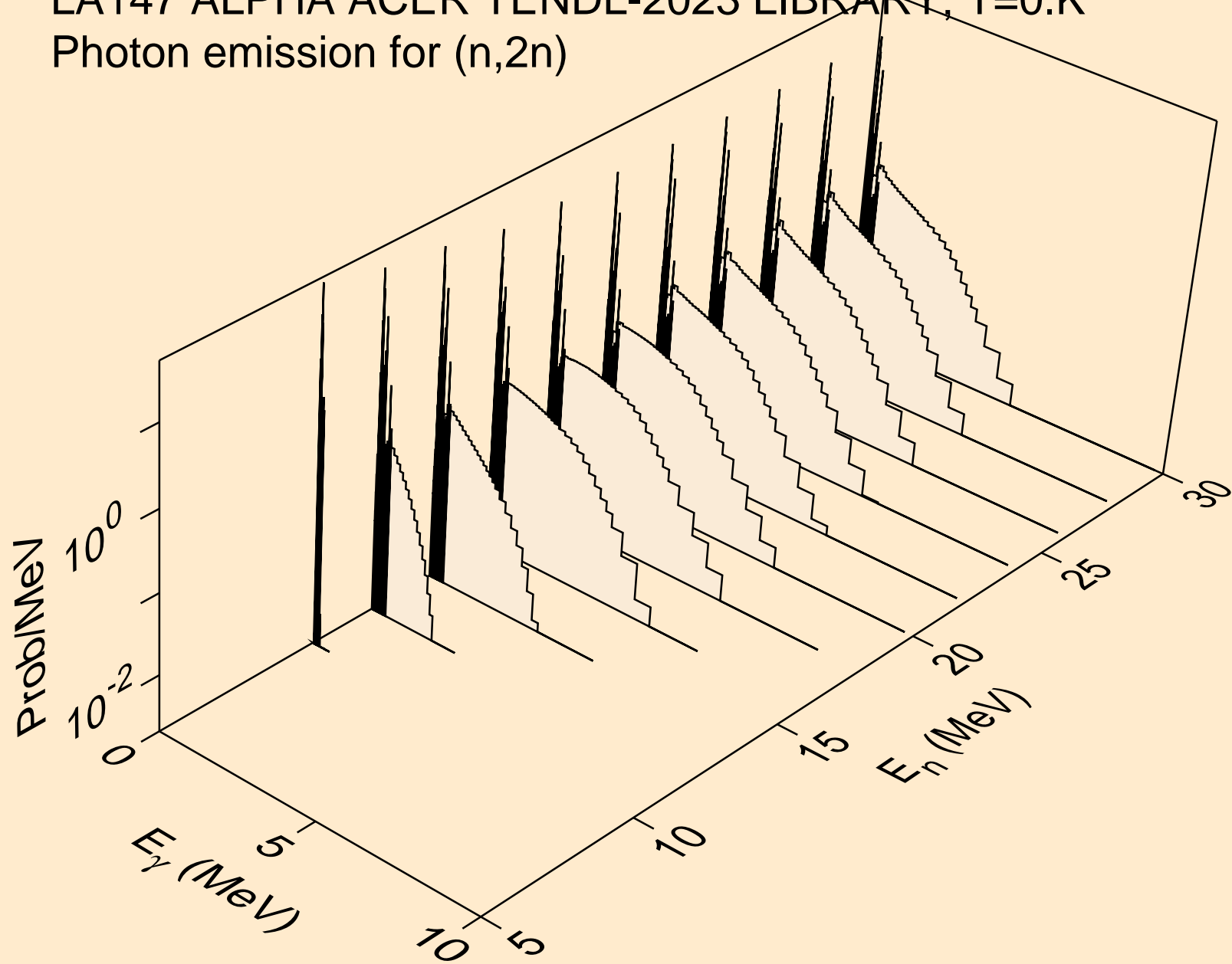
Photon emission for (z,x)



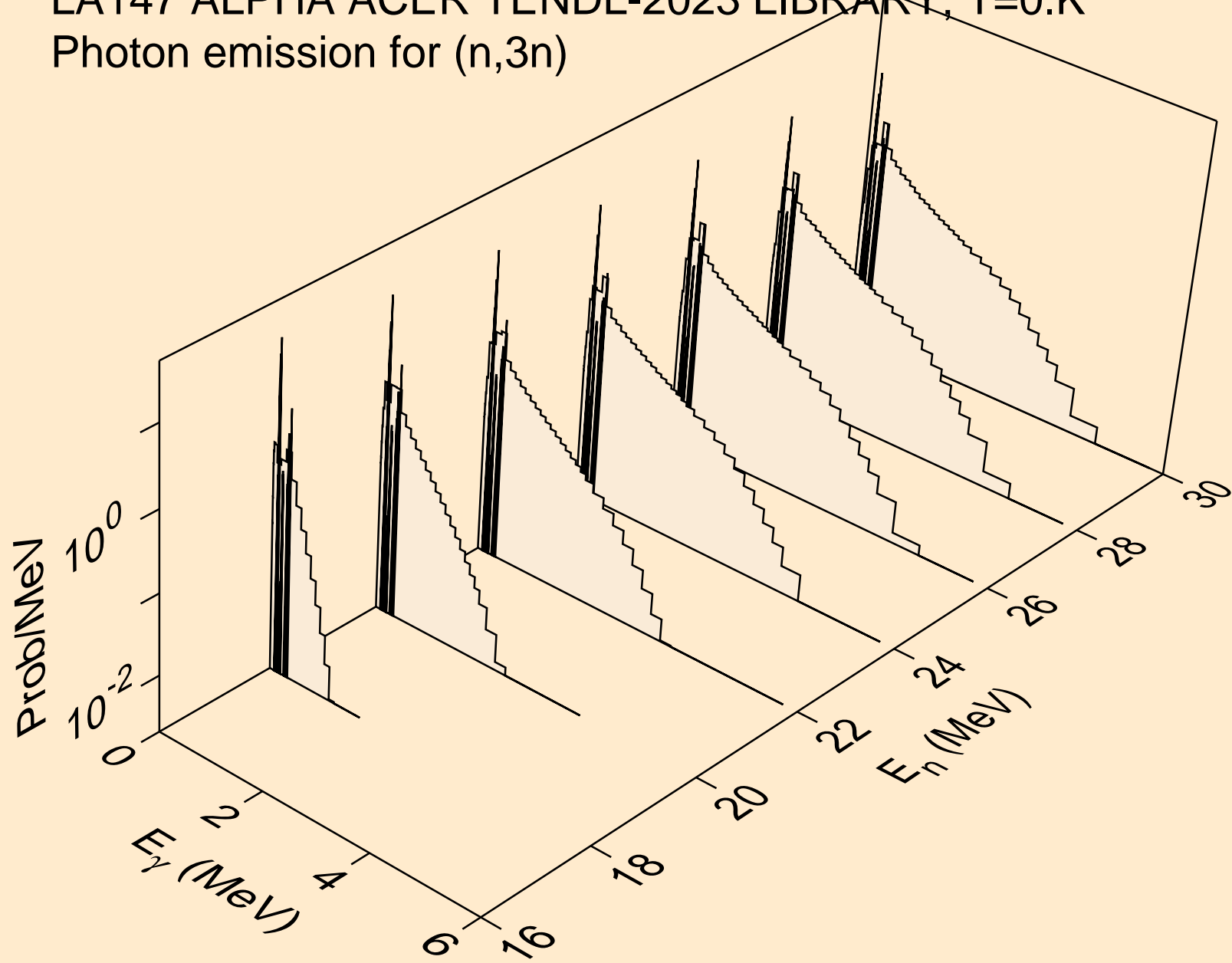
LA147 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



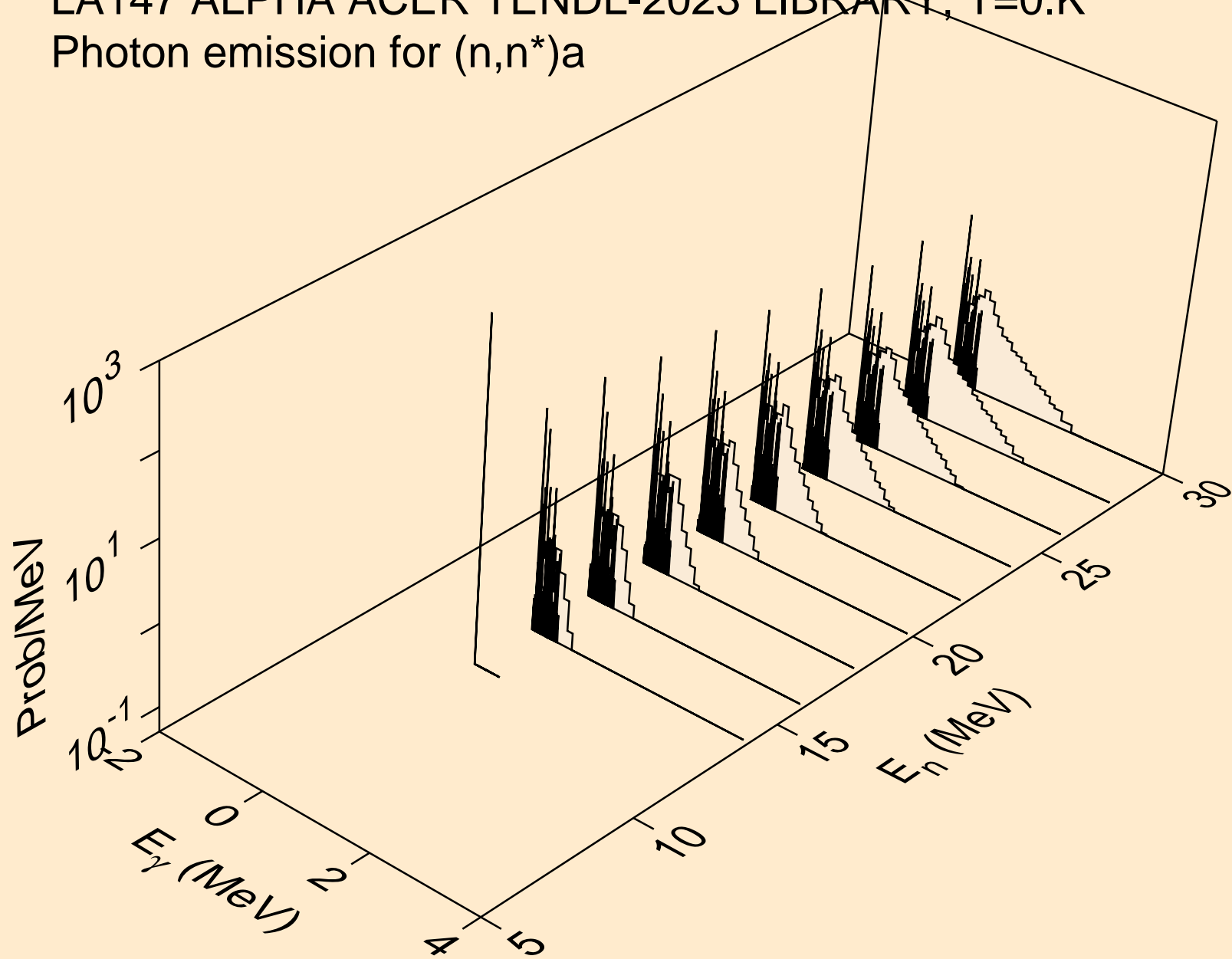
LA147 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



LA147 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)

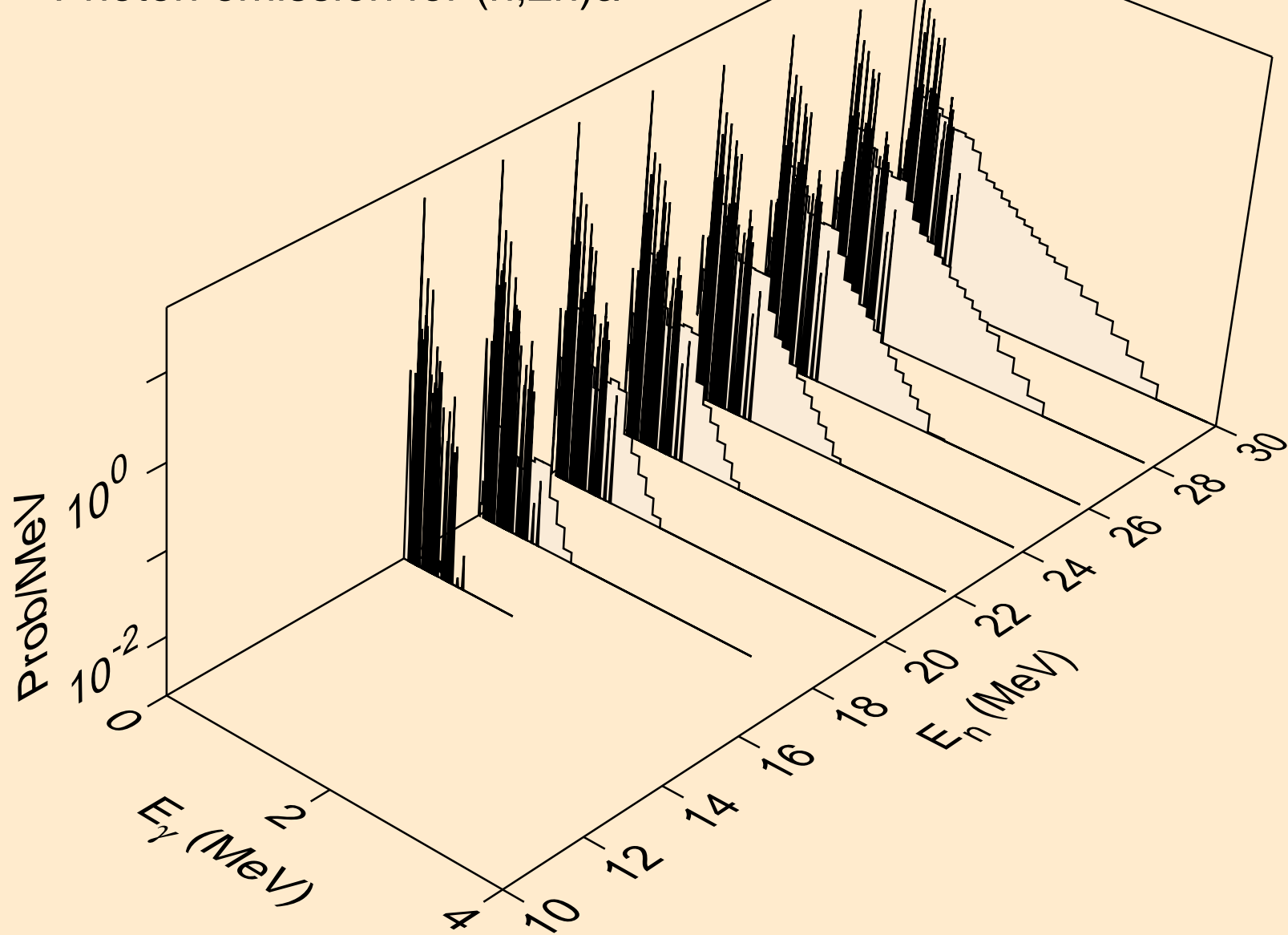


LA147 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

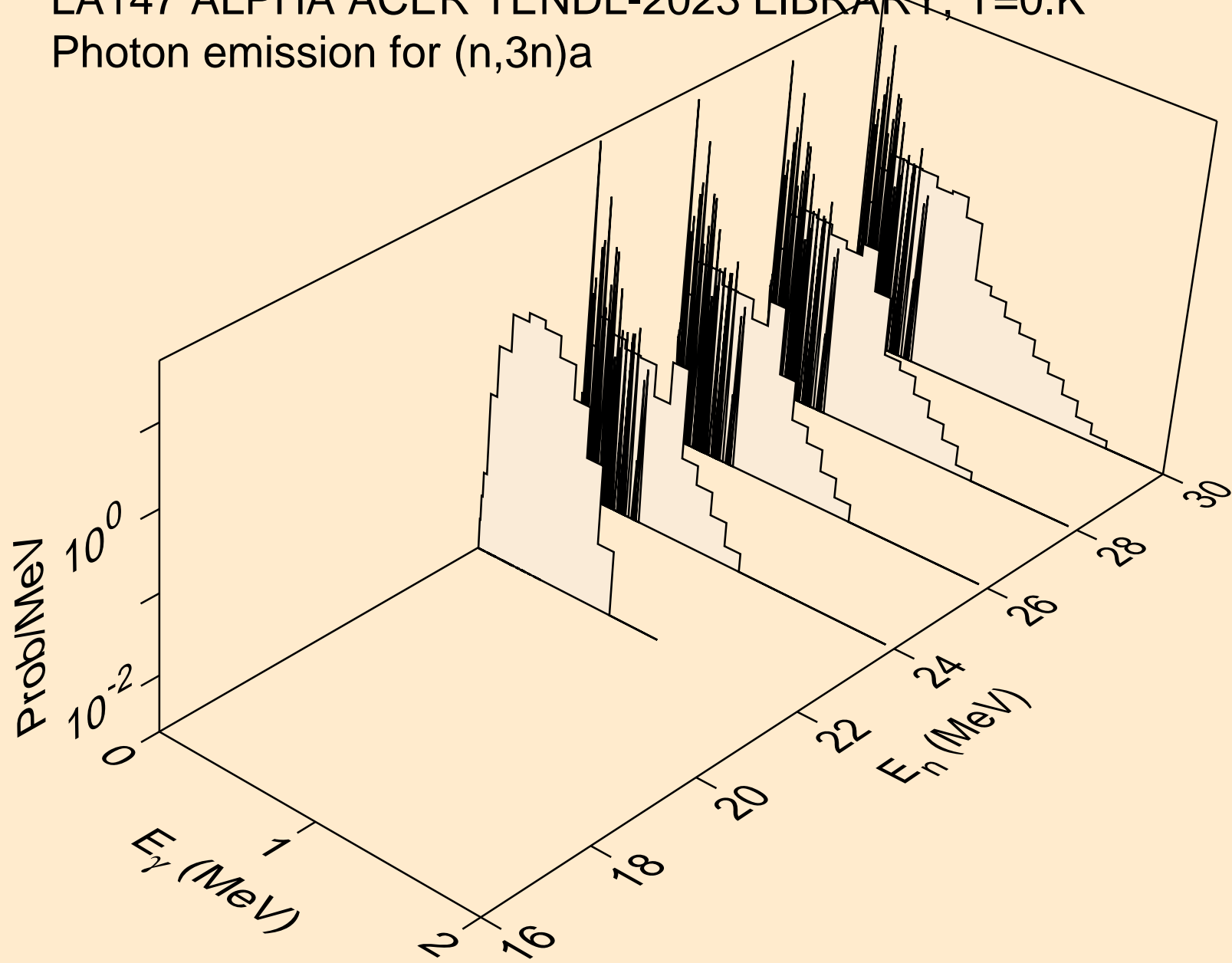


LA147 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,2n) $\alpha$

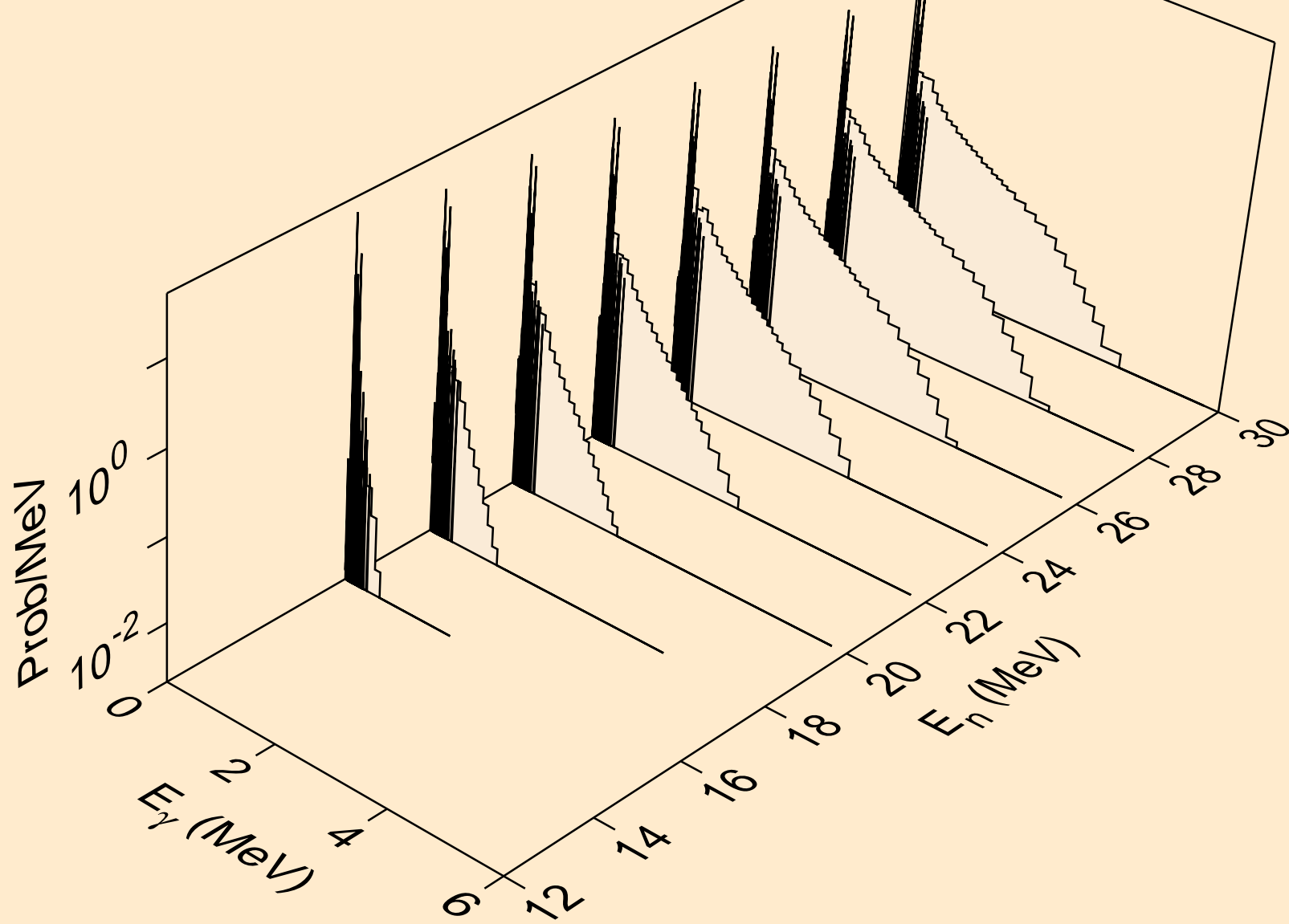


LA147 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a

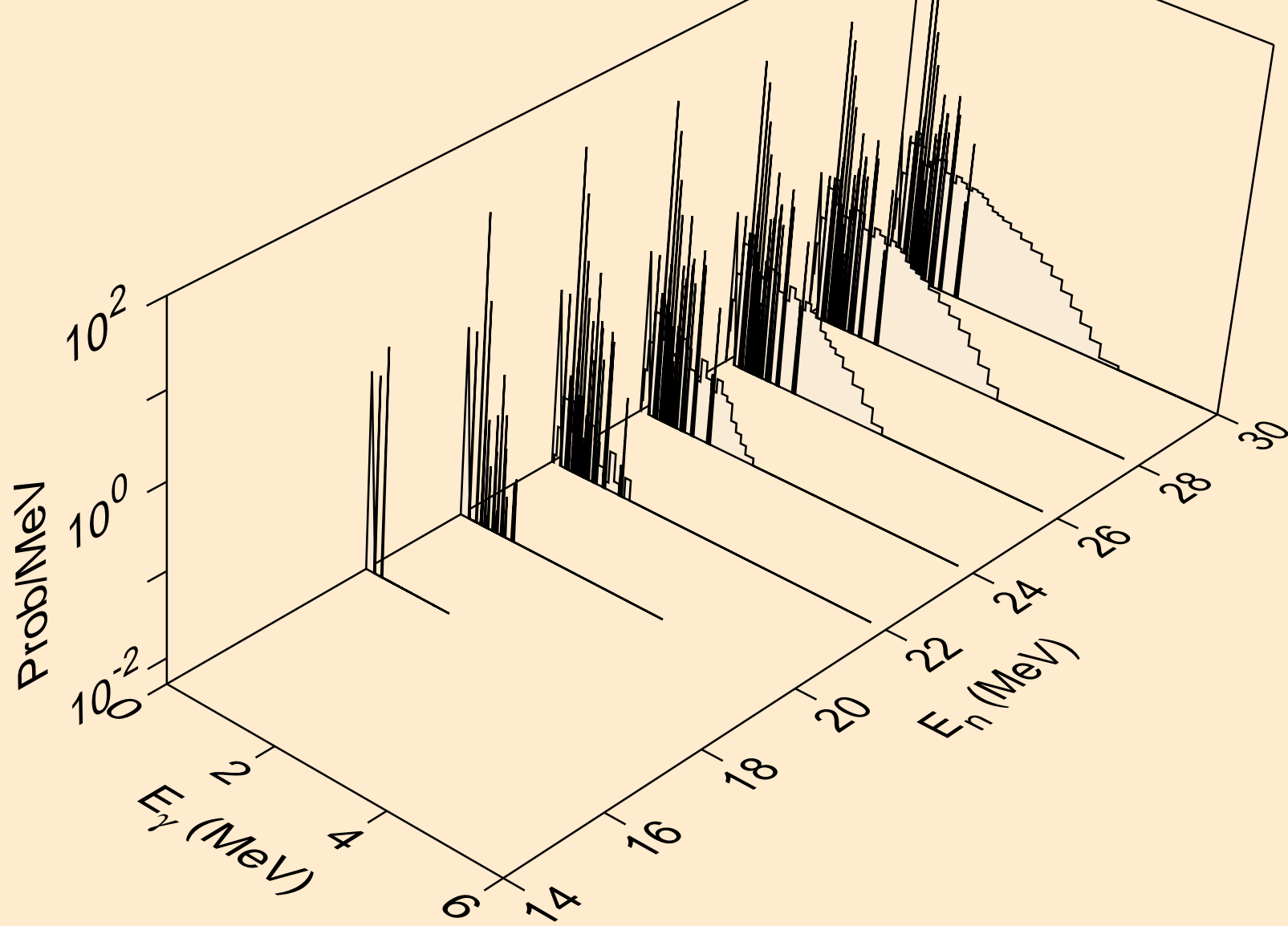


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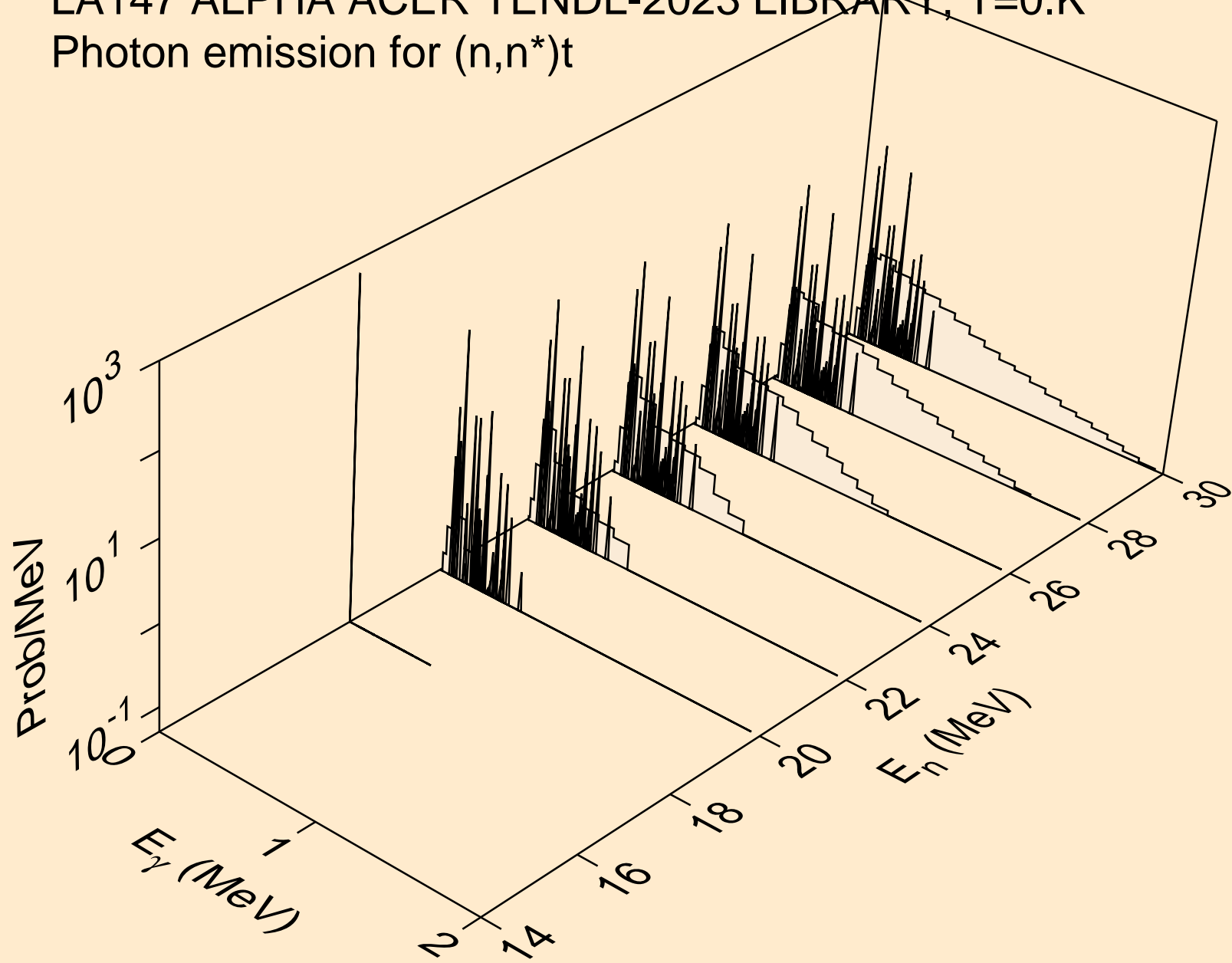
Photon emission for (n,n\*)p



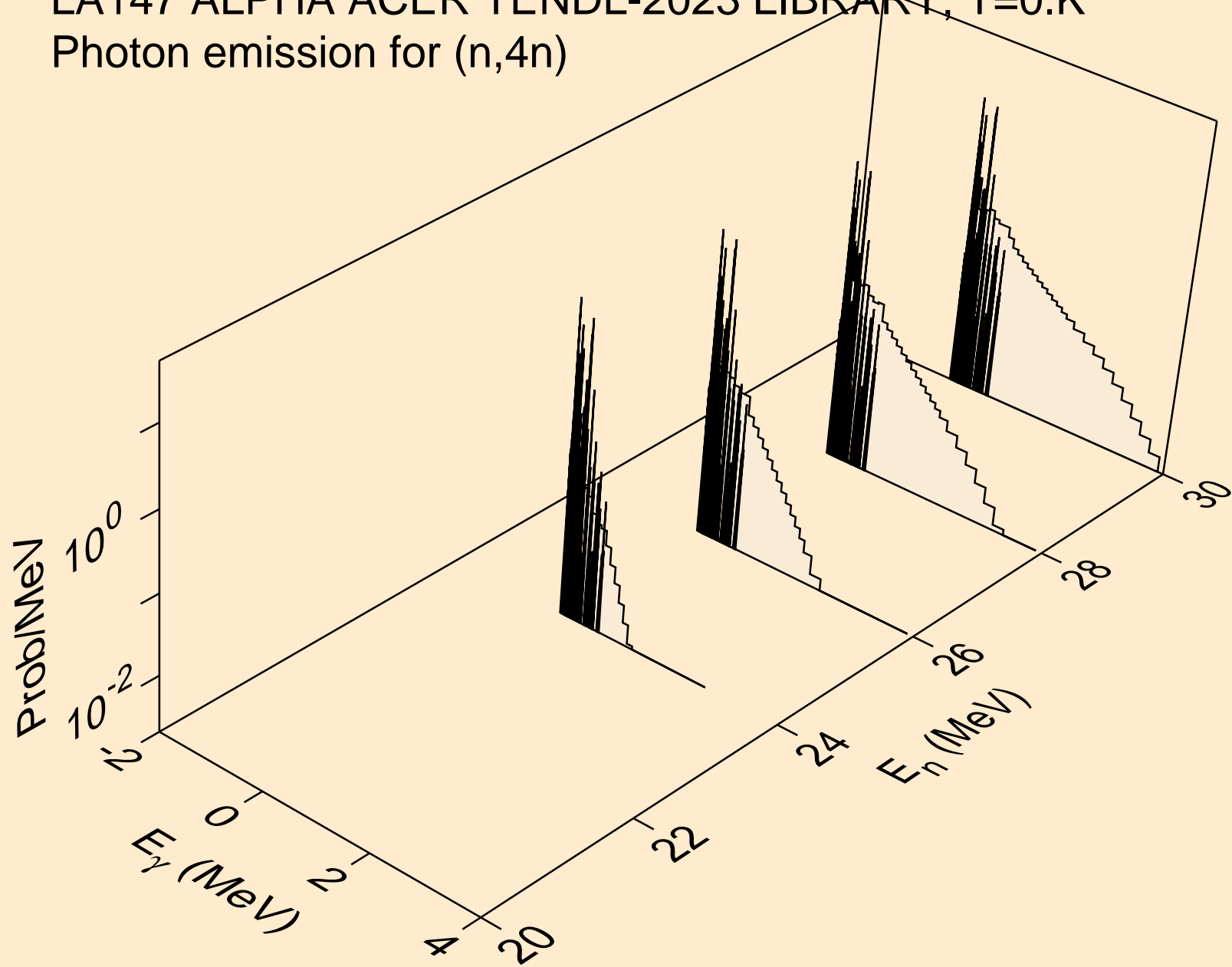
LA147 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



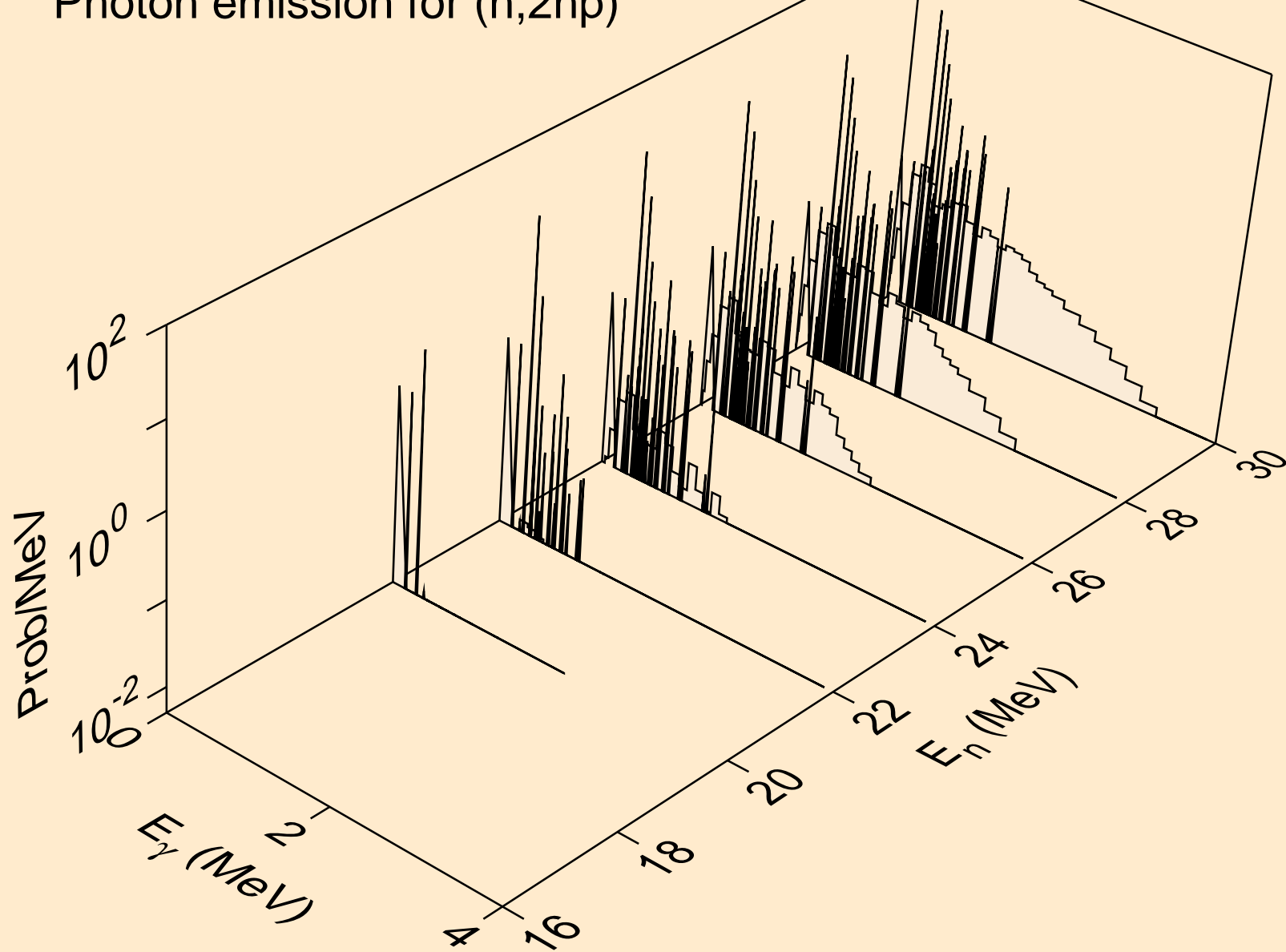
LA147 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



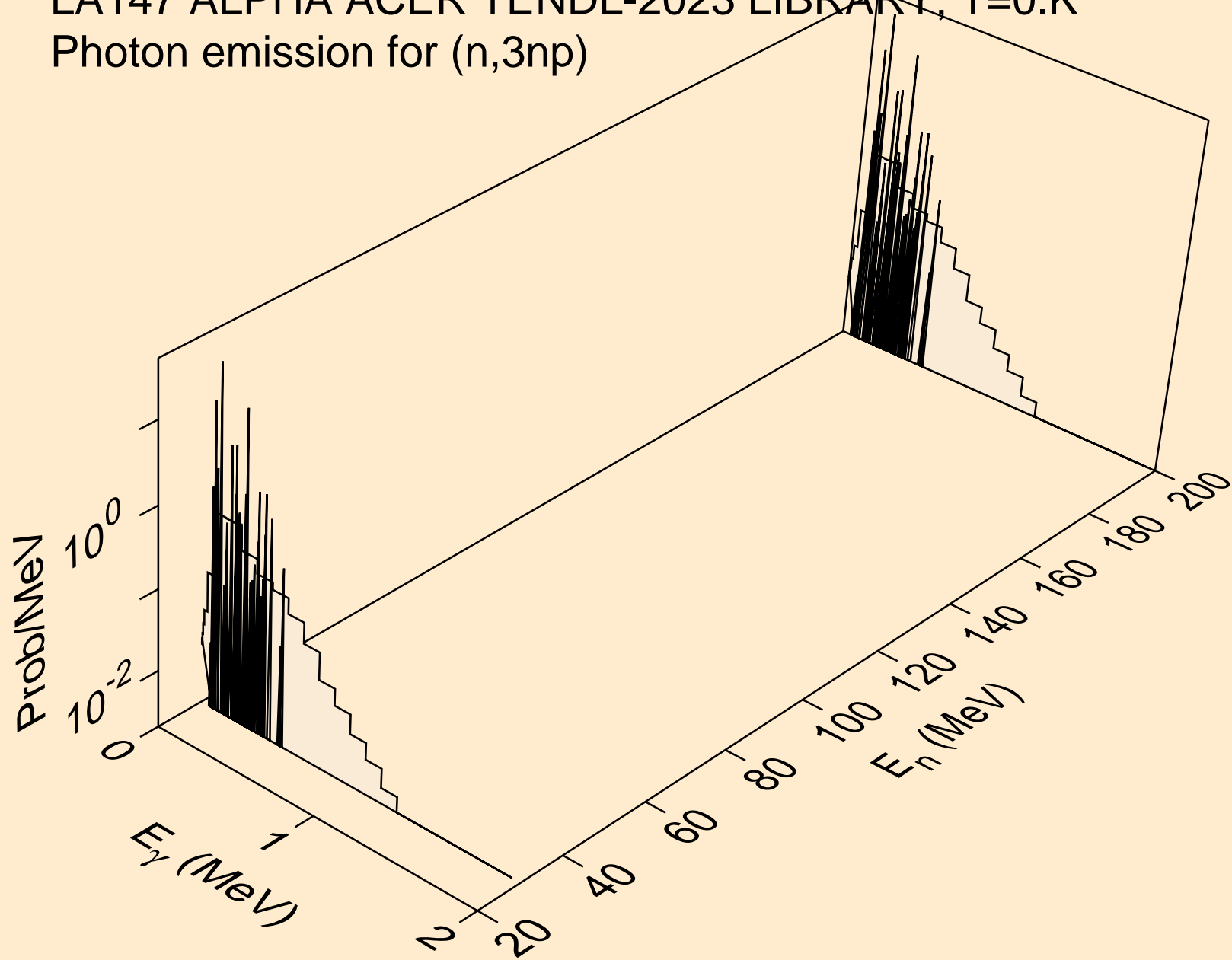
LA147 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



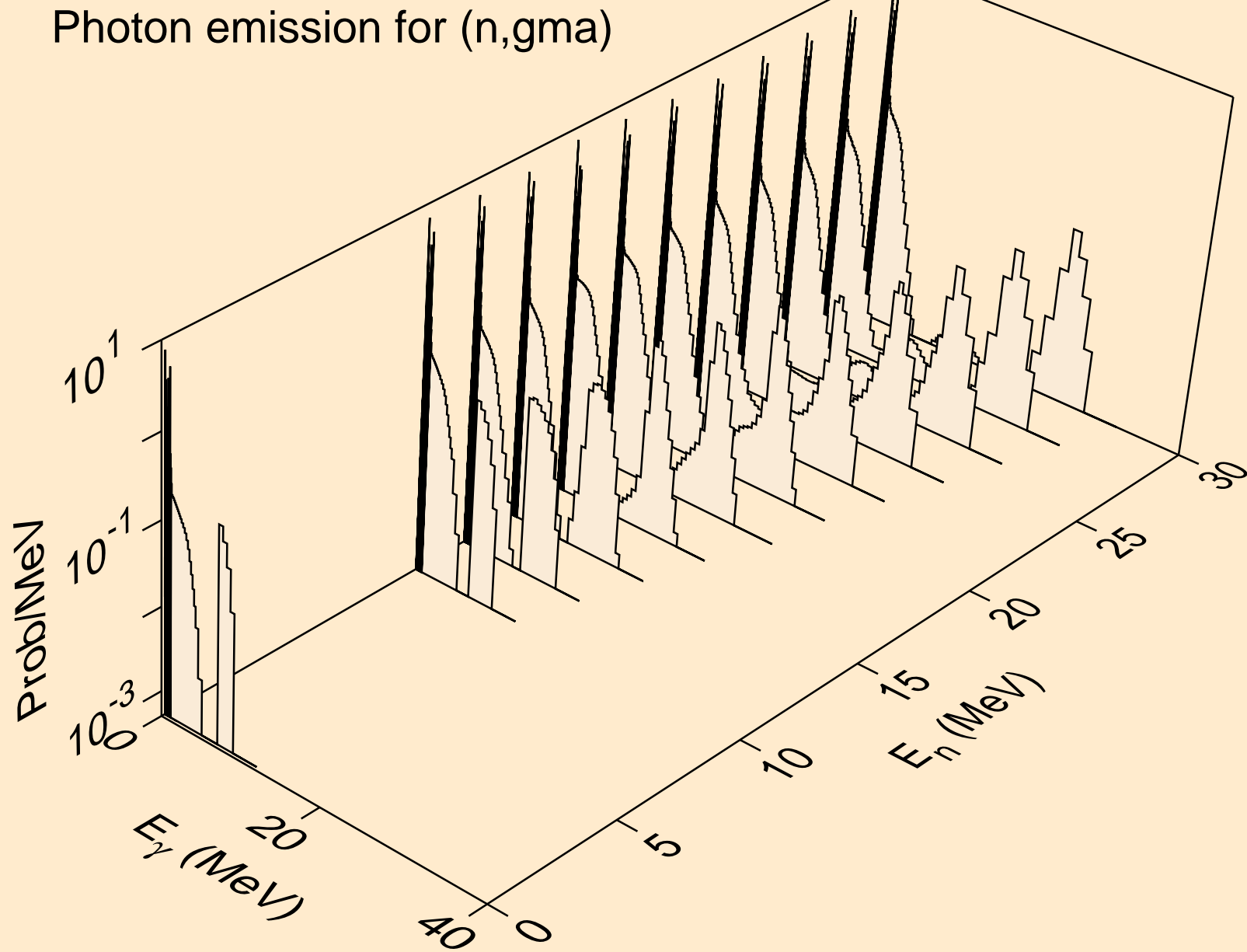
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Photon emission for (n,2np)



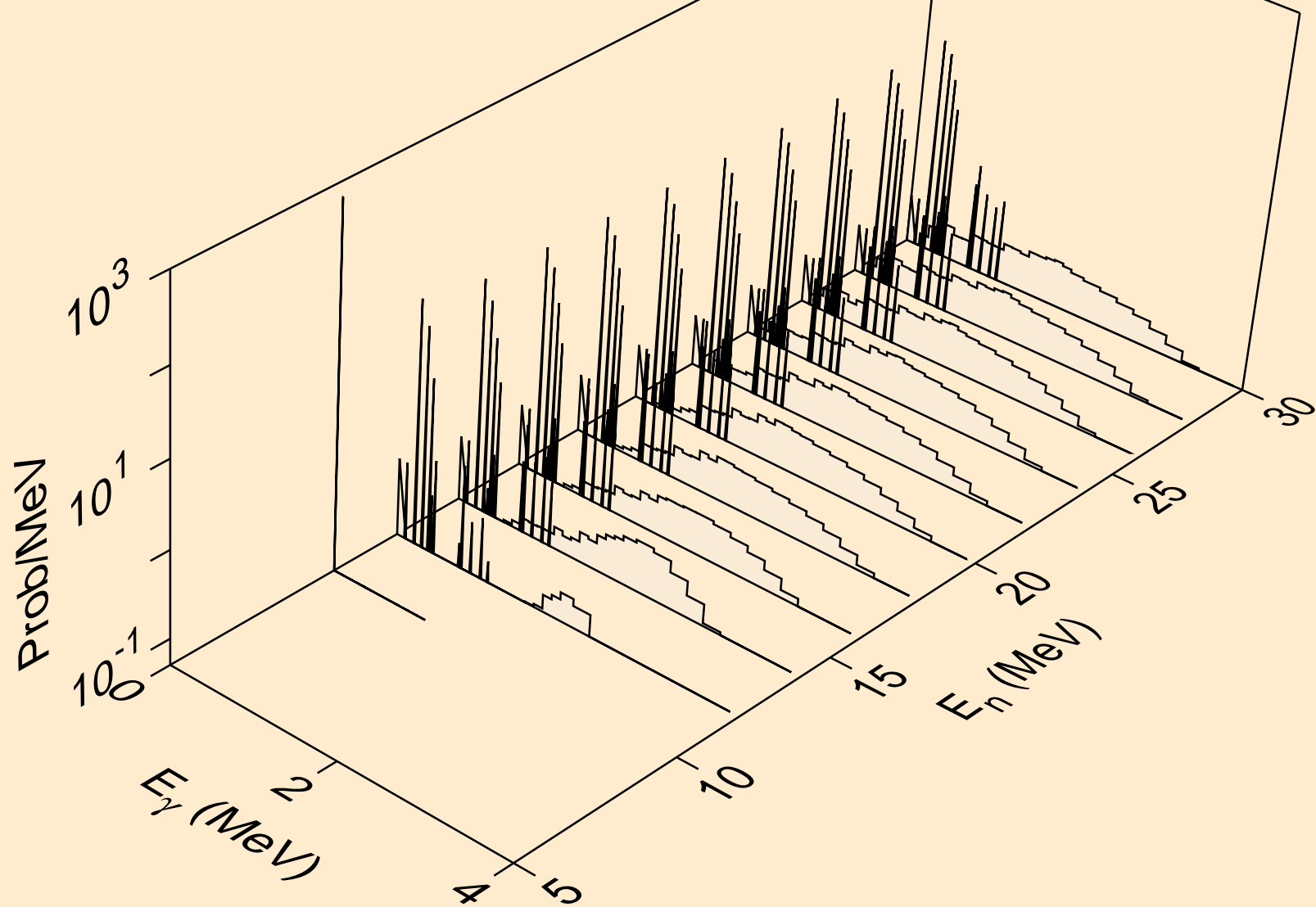
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Photon emission for (n,3np)



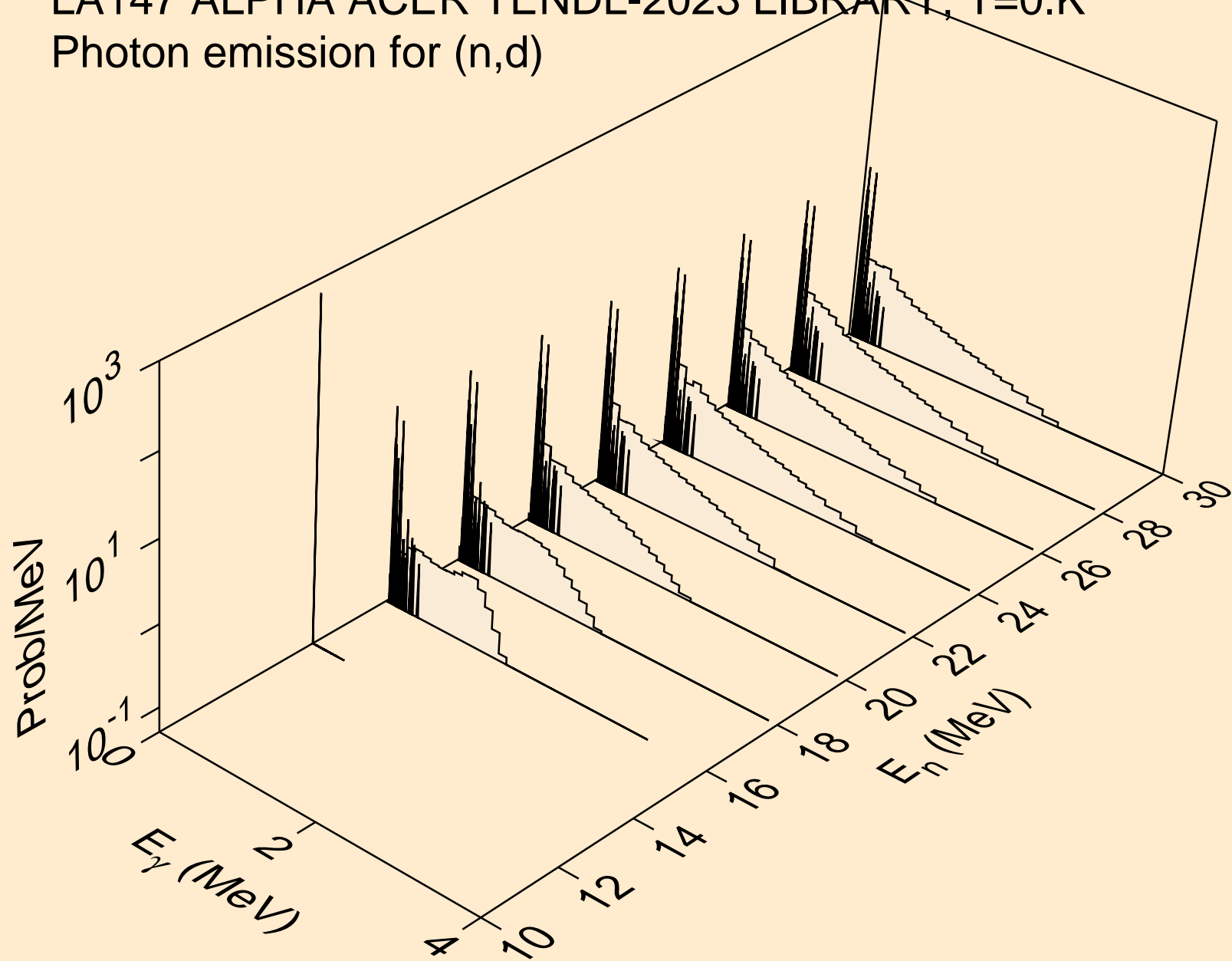
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Photon emission for (n,gma)



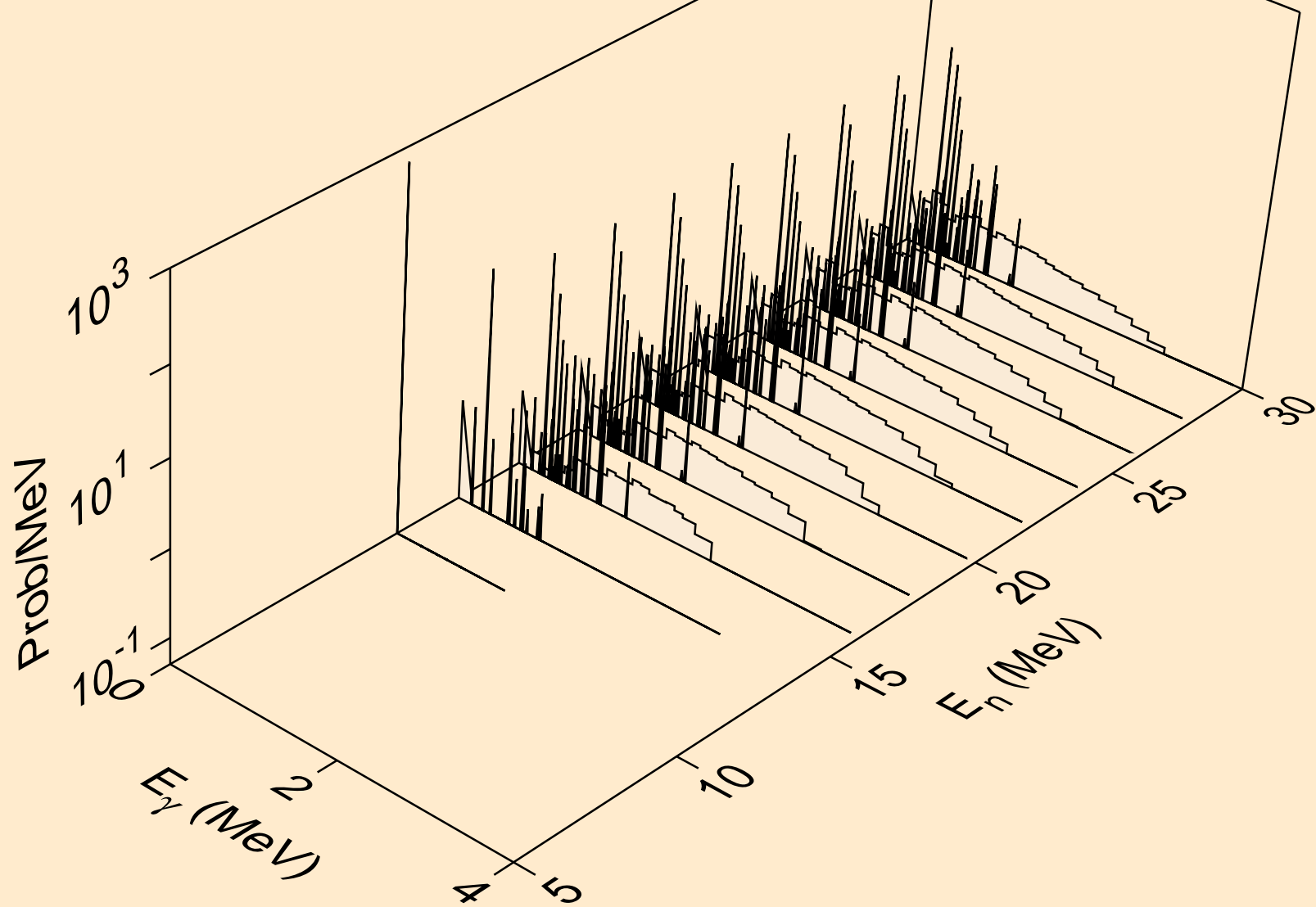
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Photon emission for (n,p)



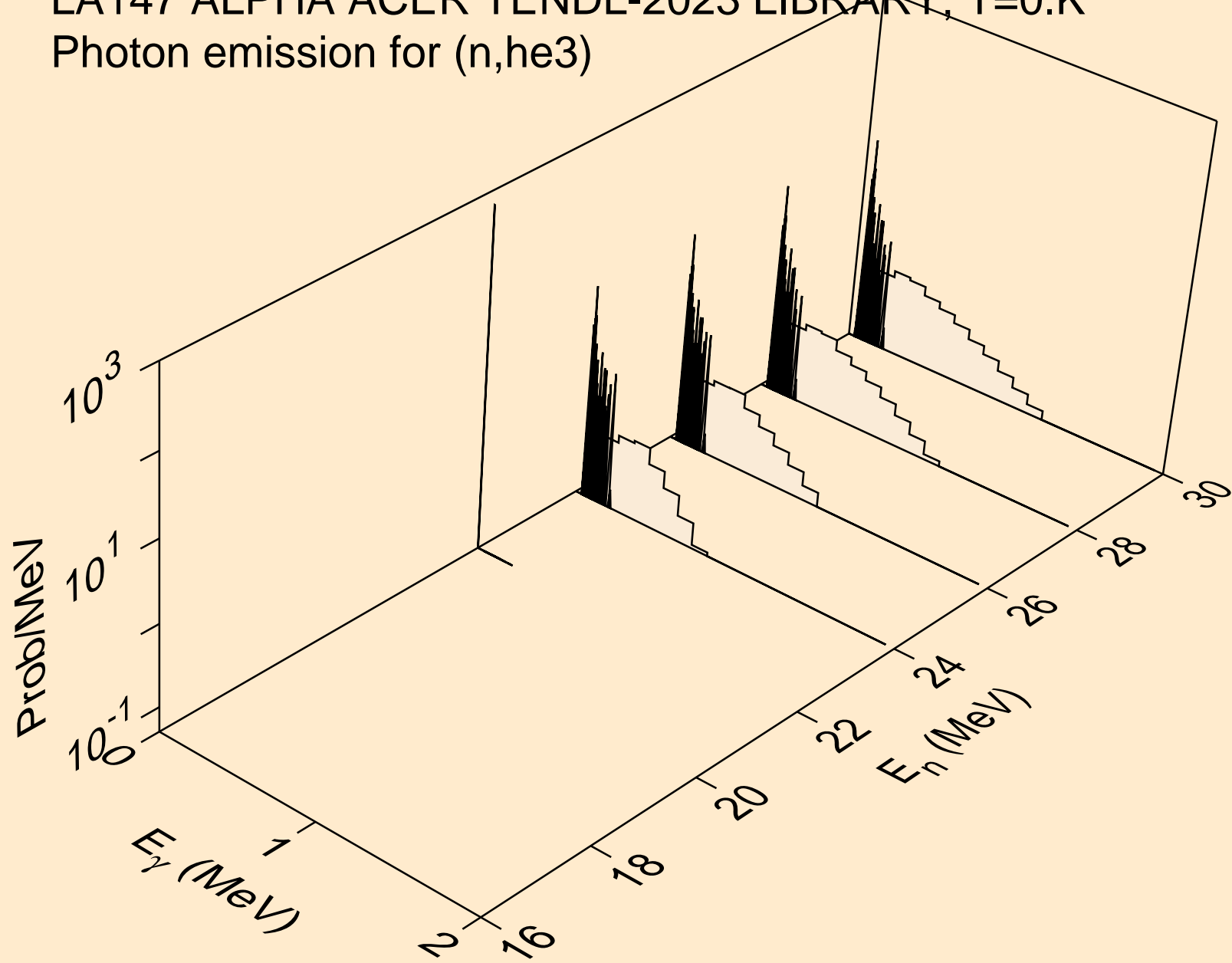
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Photon emission for (n,d)



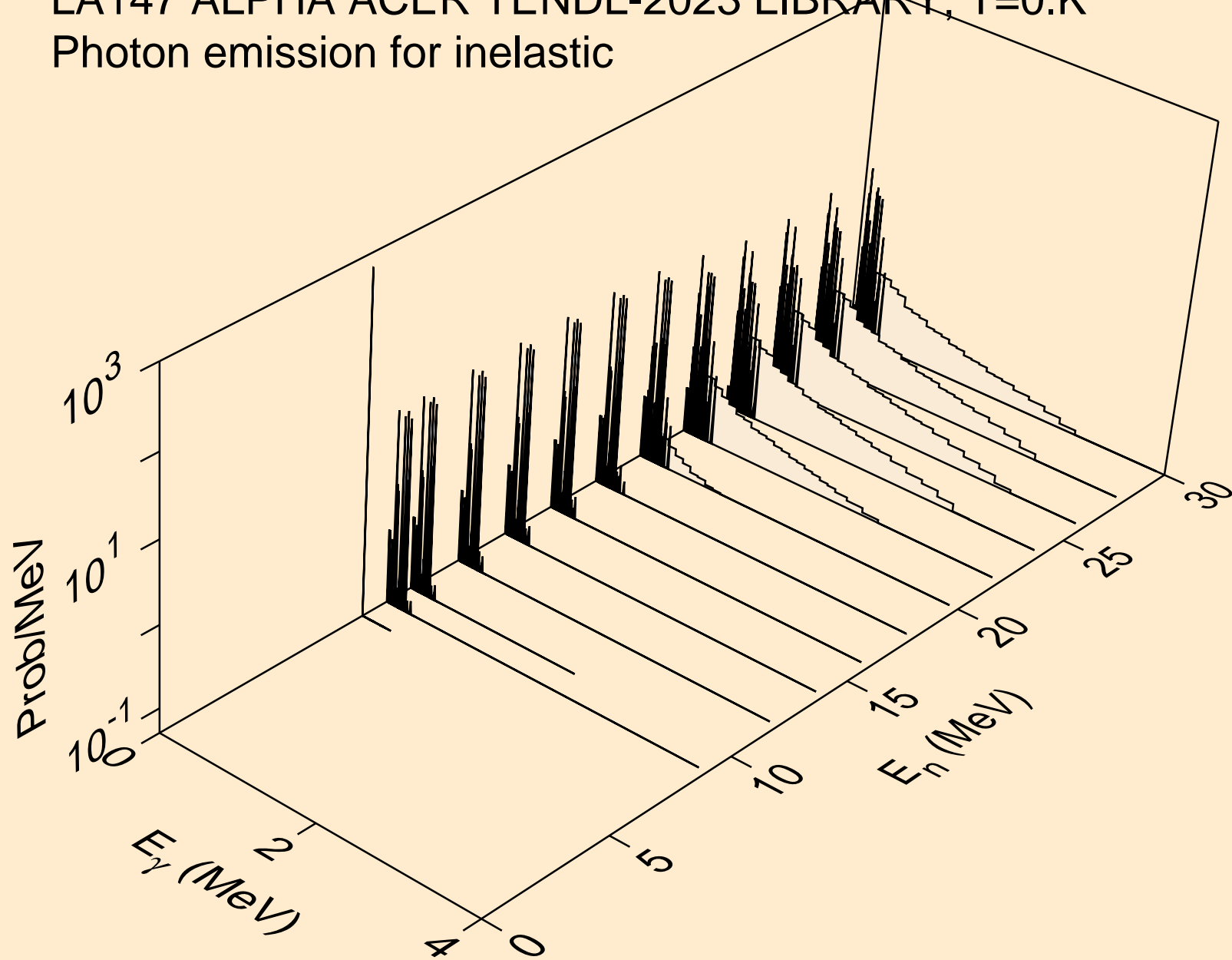
LA147 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



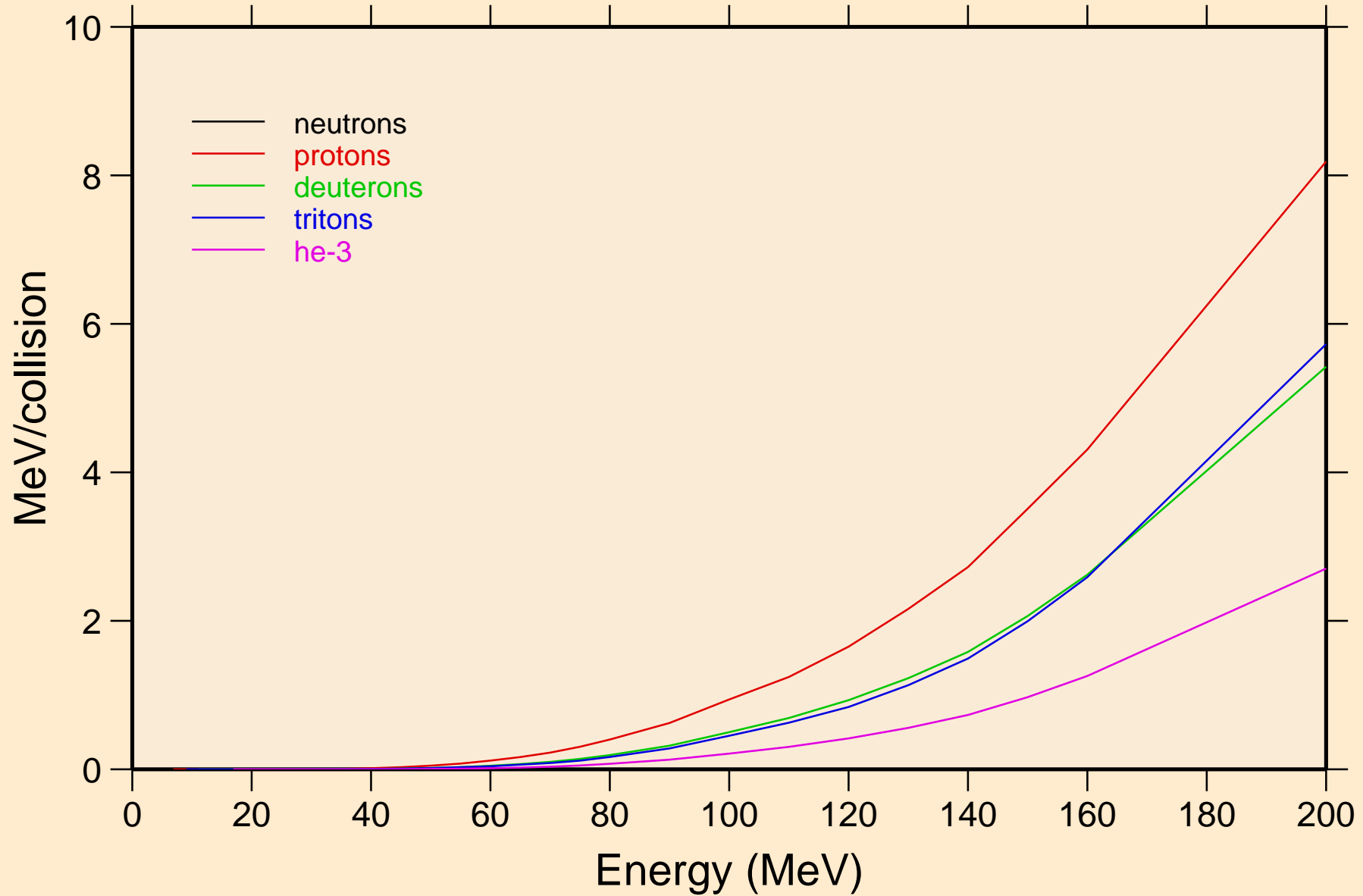
LA147 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



LA147 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

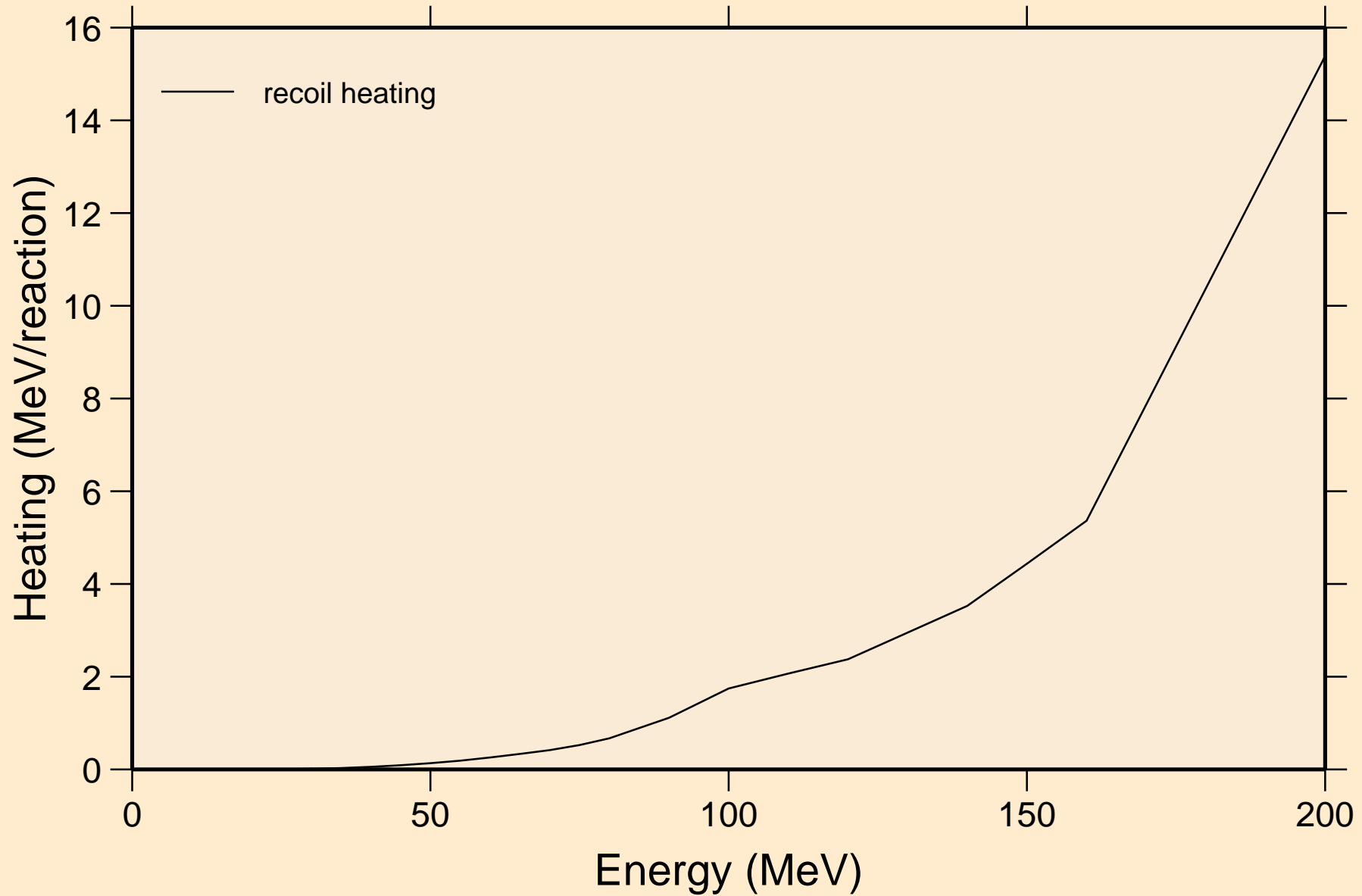


LA147 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



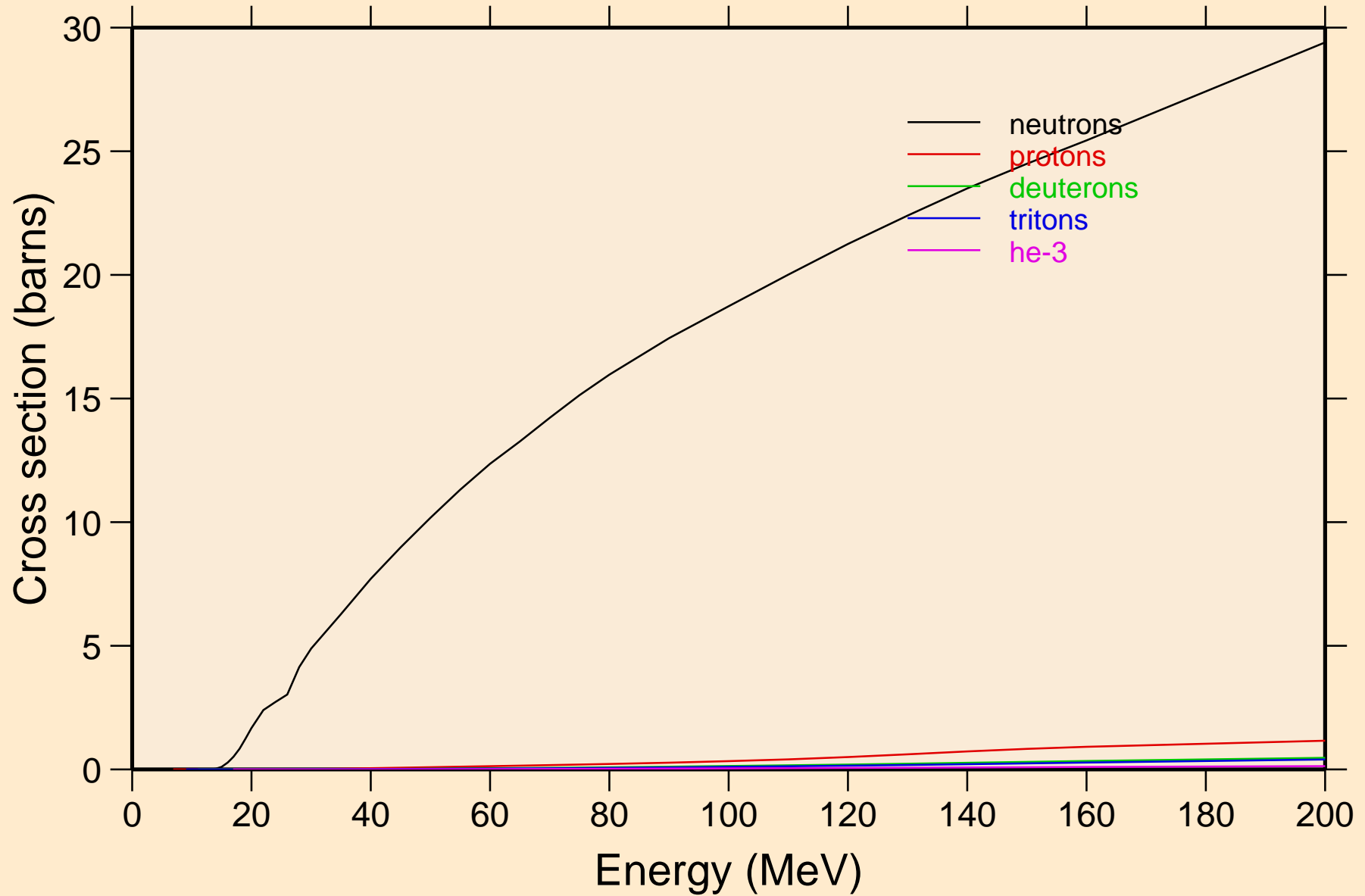
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Recoil Heating

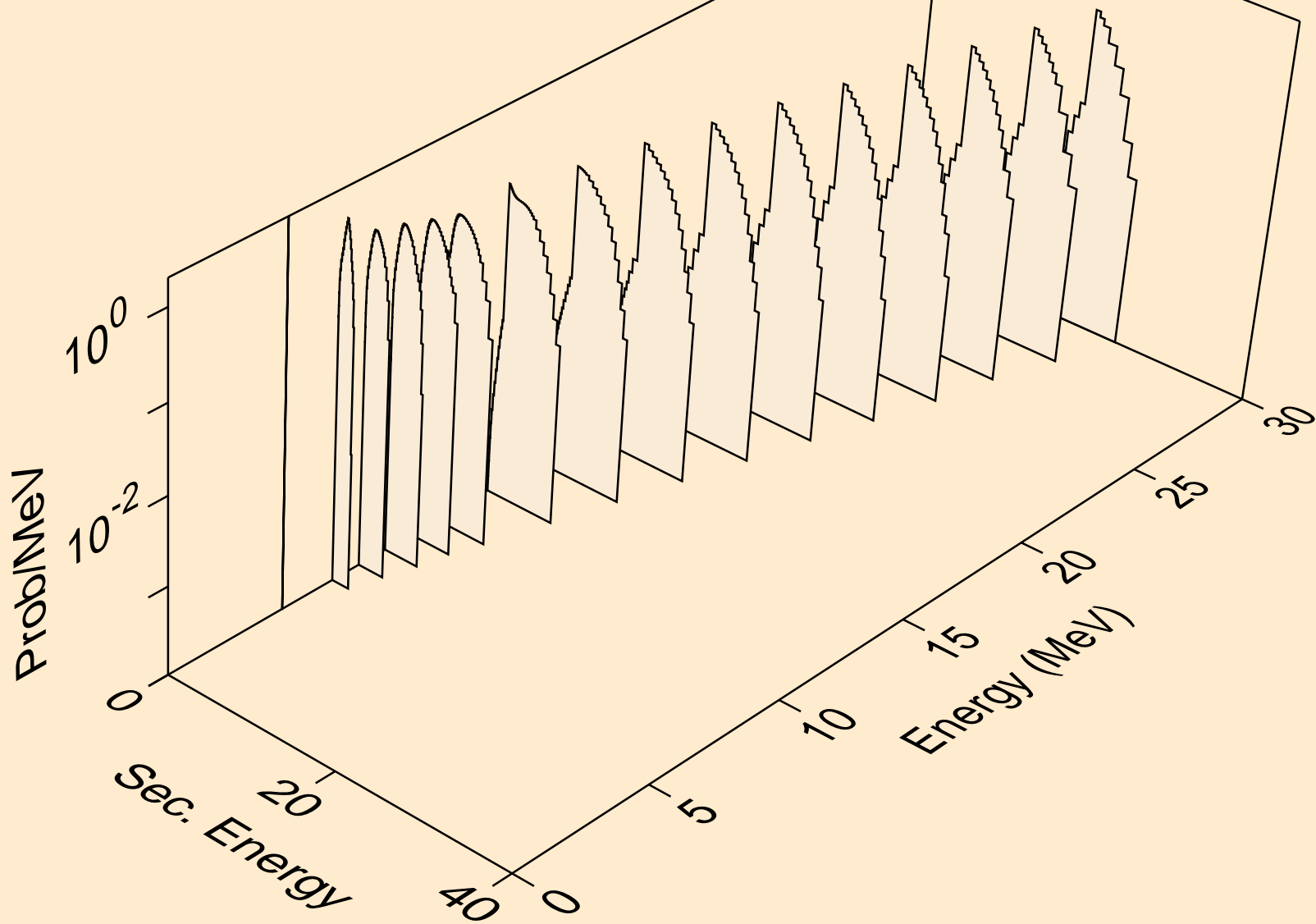


# LA147 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

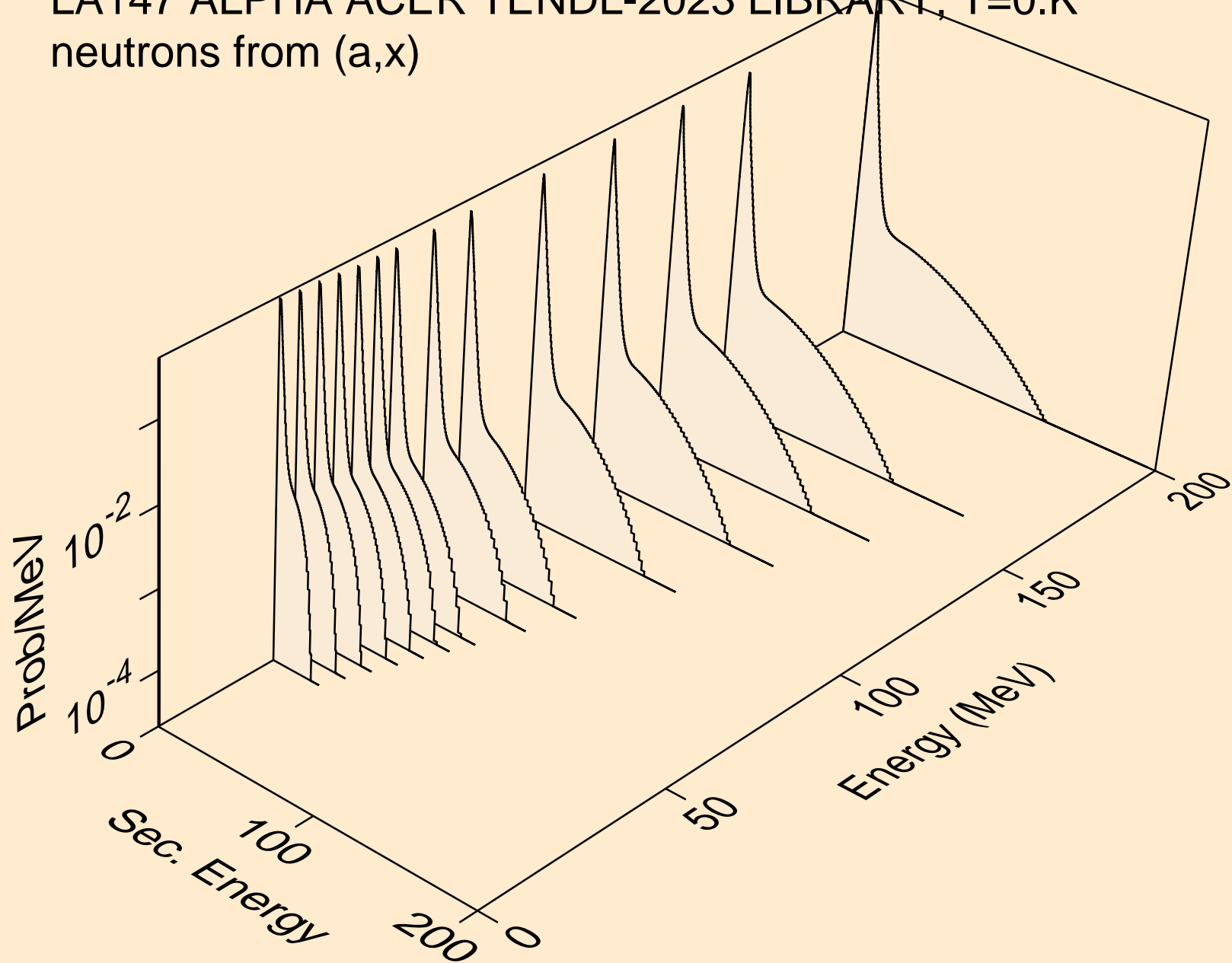
## Particle production cross sections



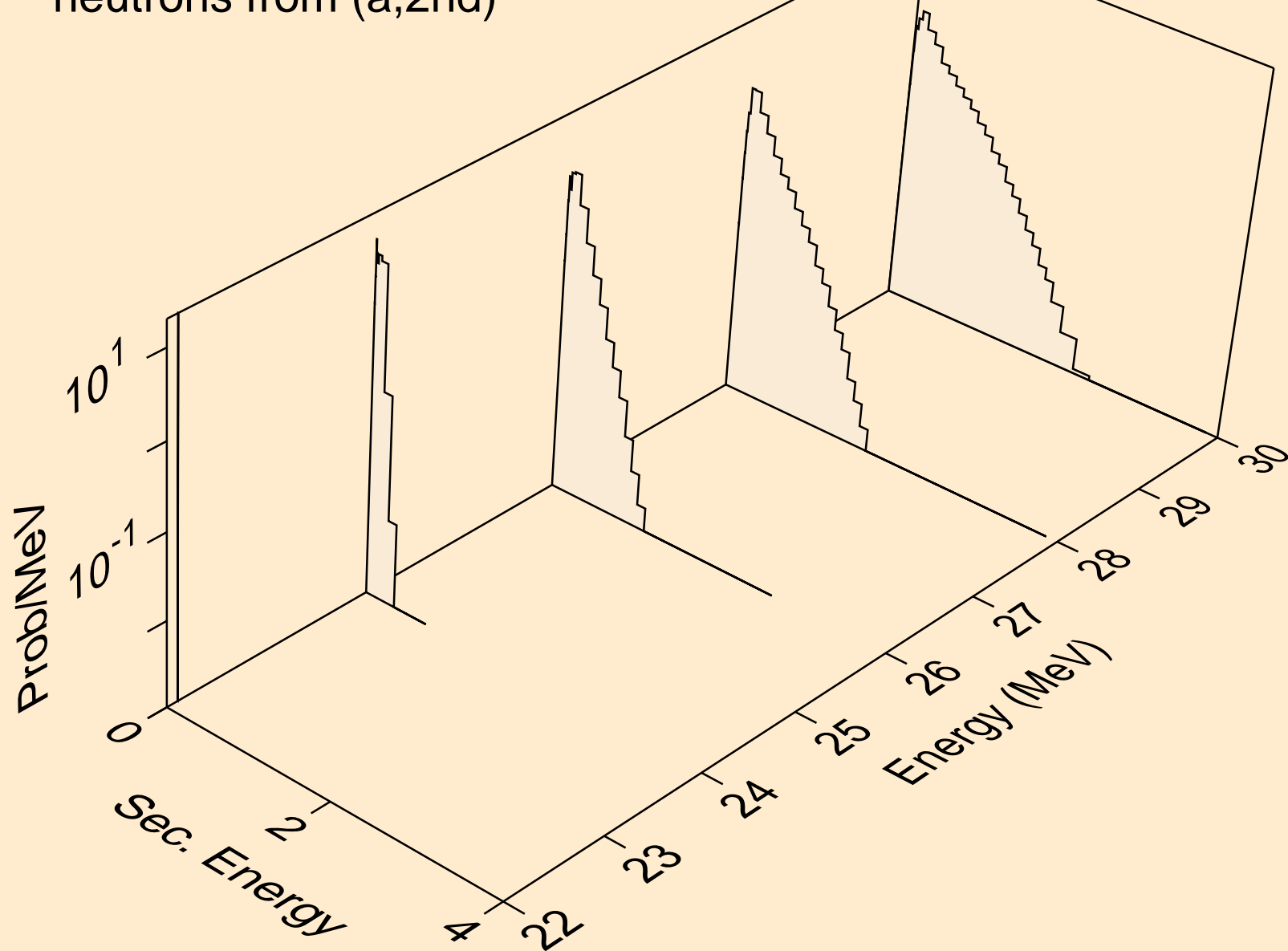
LA147 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)



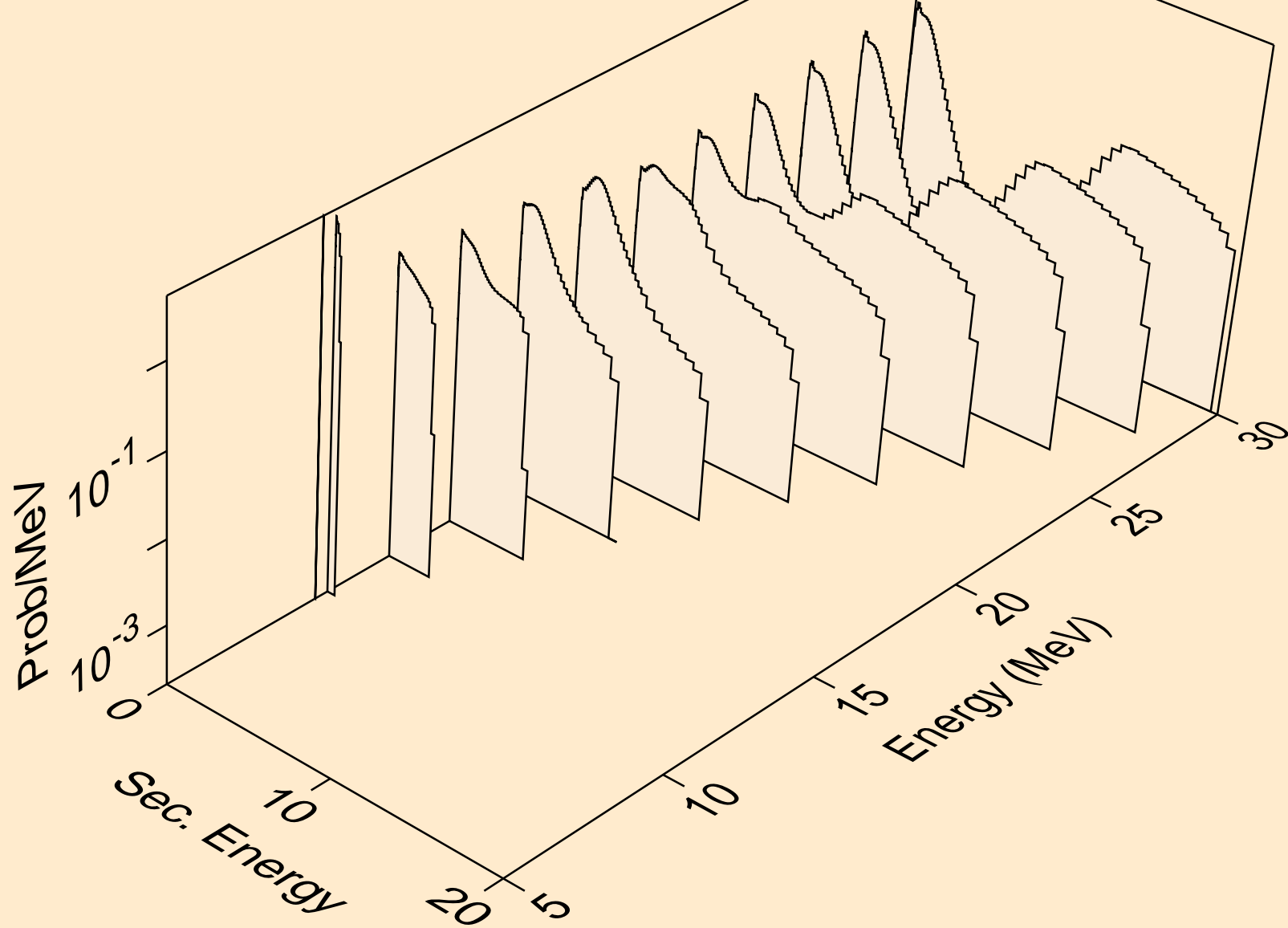
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neutrons from (a,x)



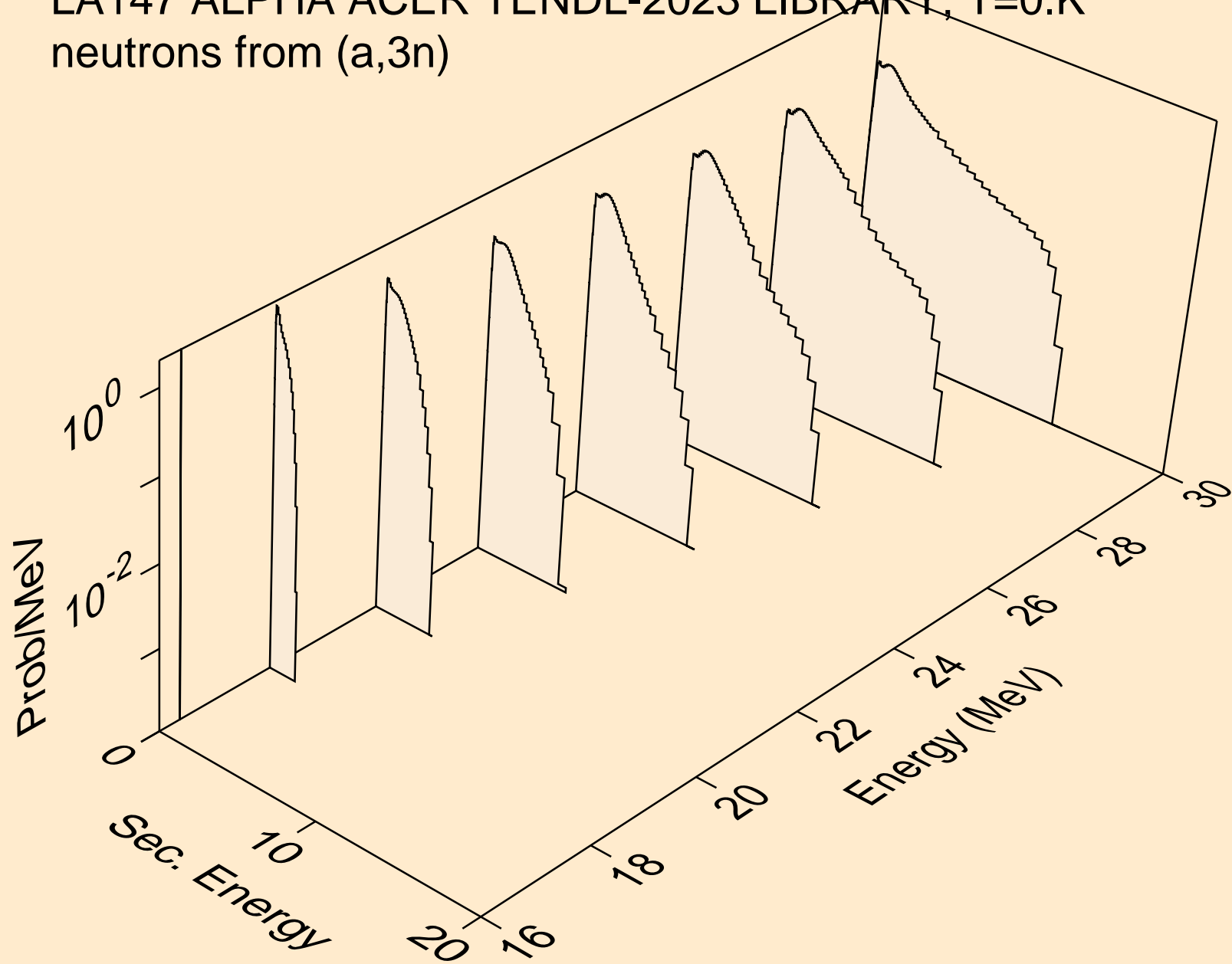
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neutrons from (a,2nd)



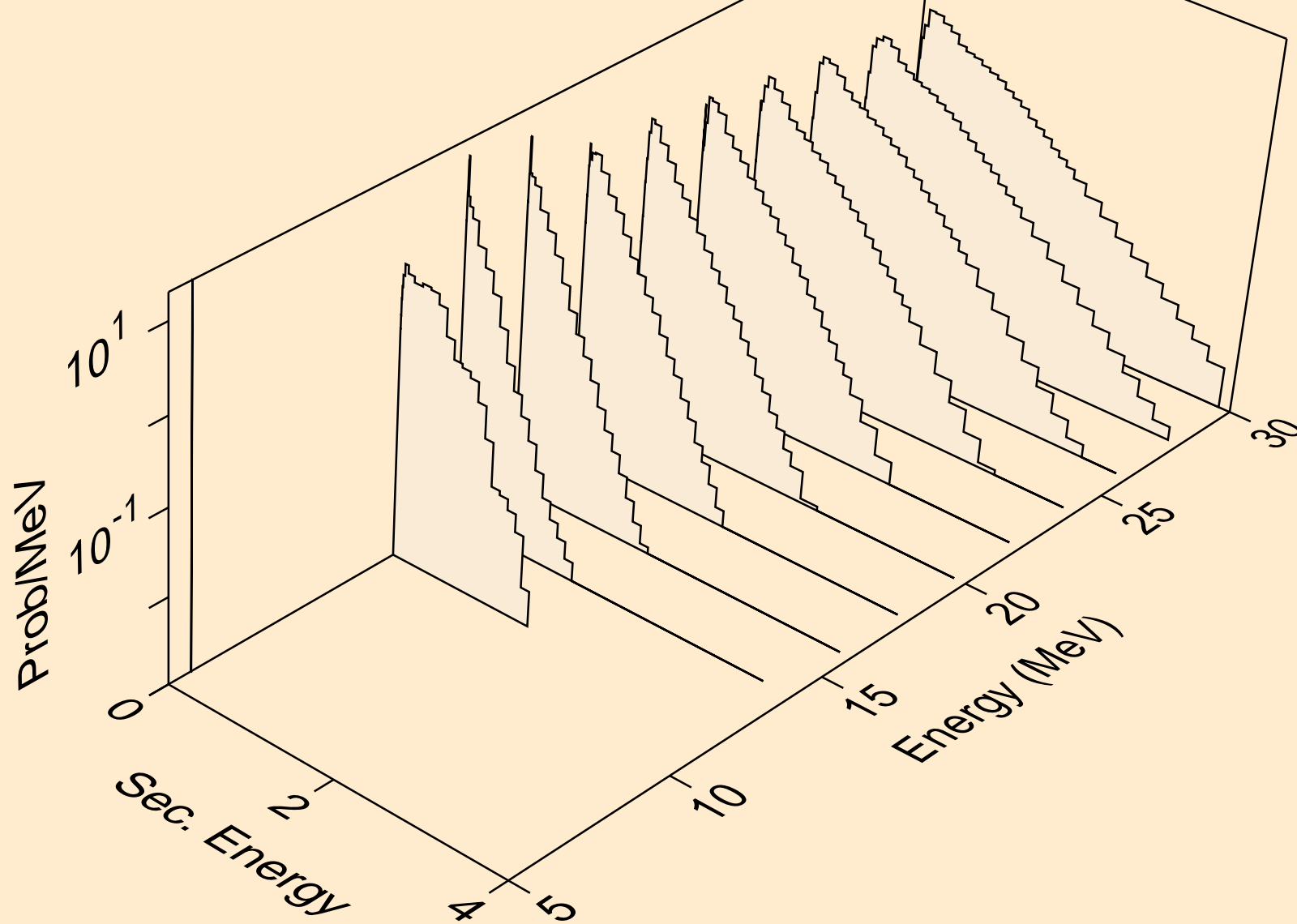
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neutrons from (a,2n)



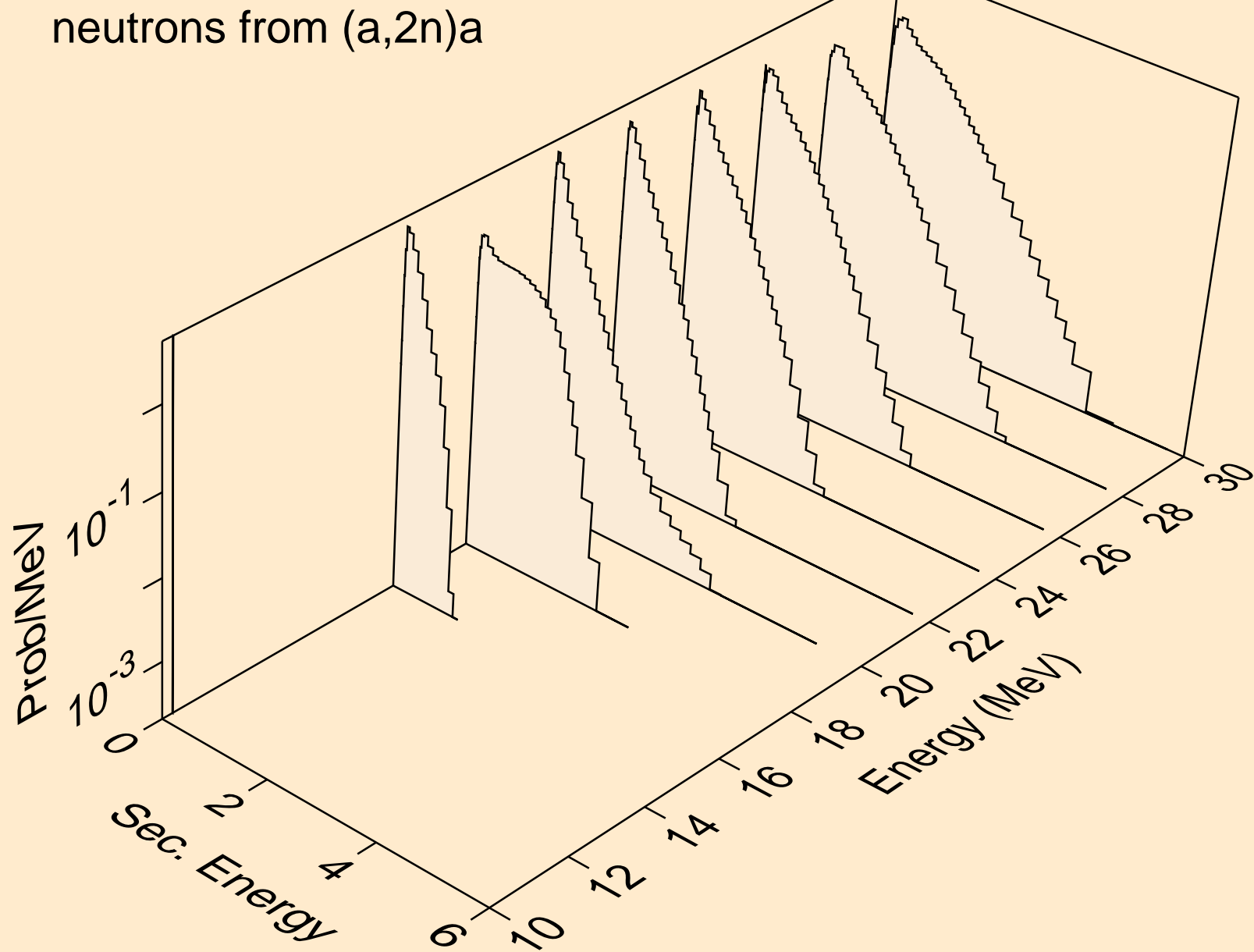
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neutrons from (a,3n)



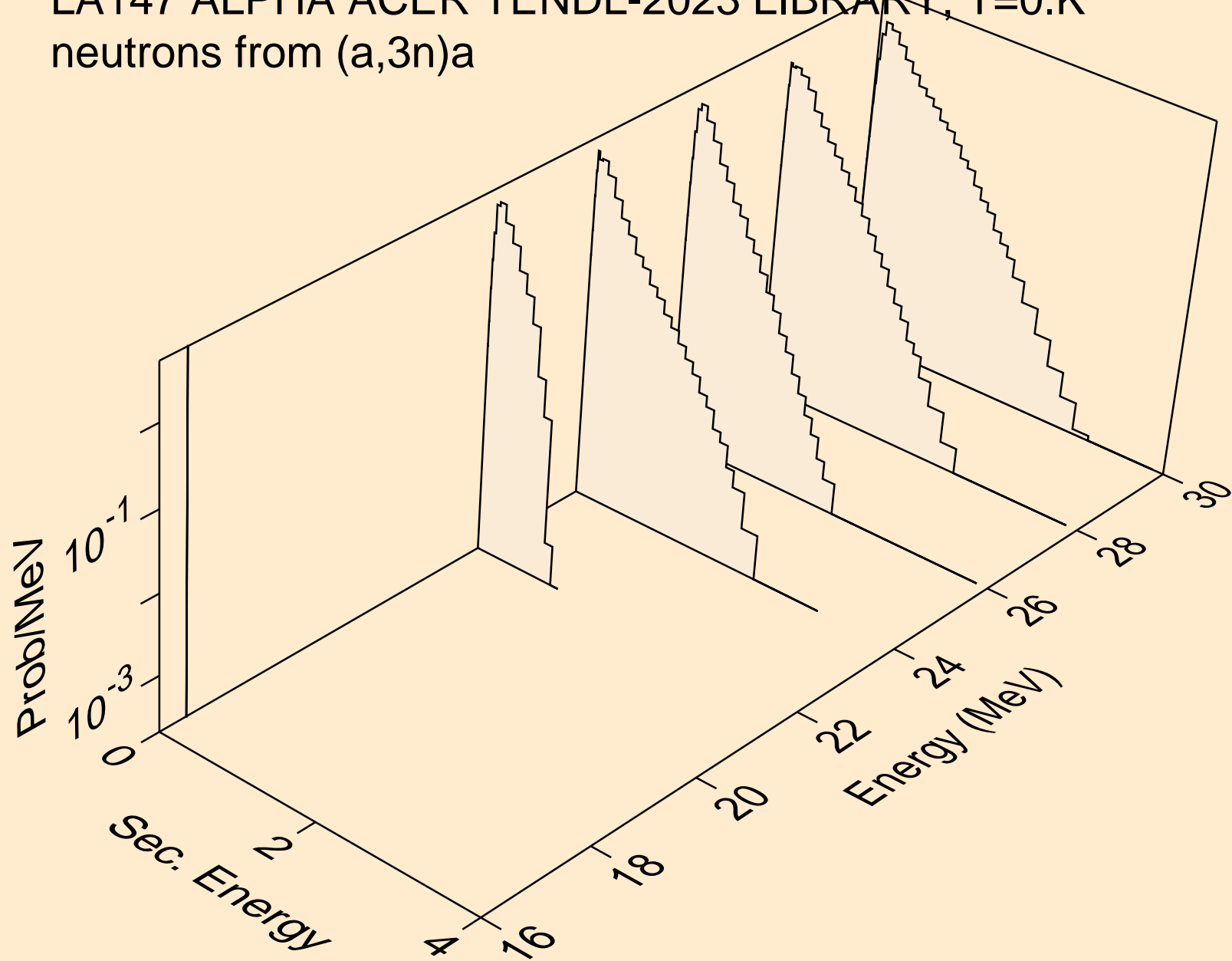
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neutrons from (a,n\*)a



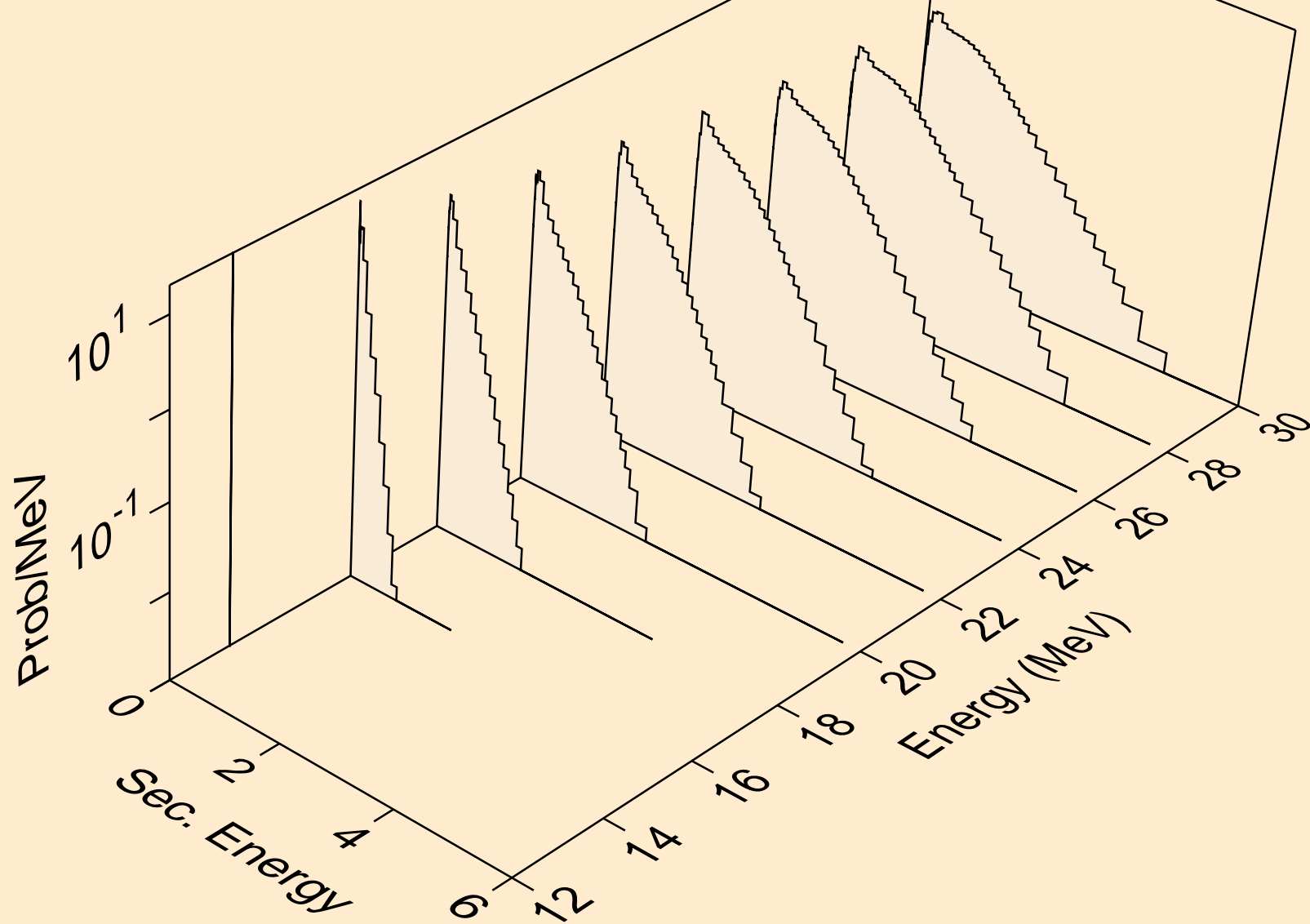
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neutrons from (a,2n)a



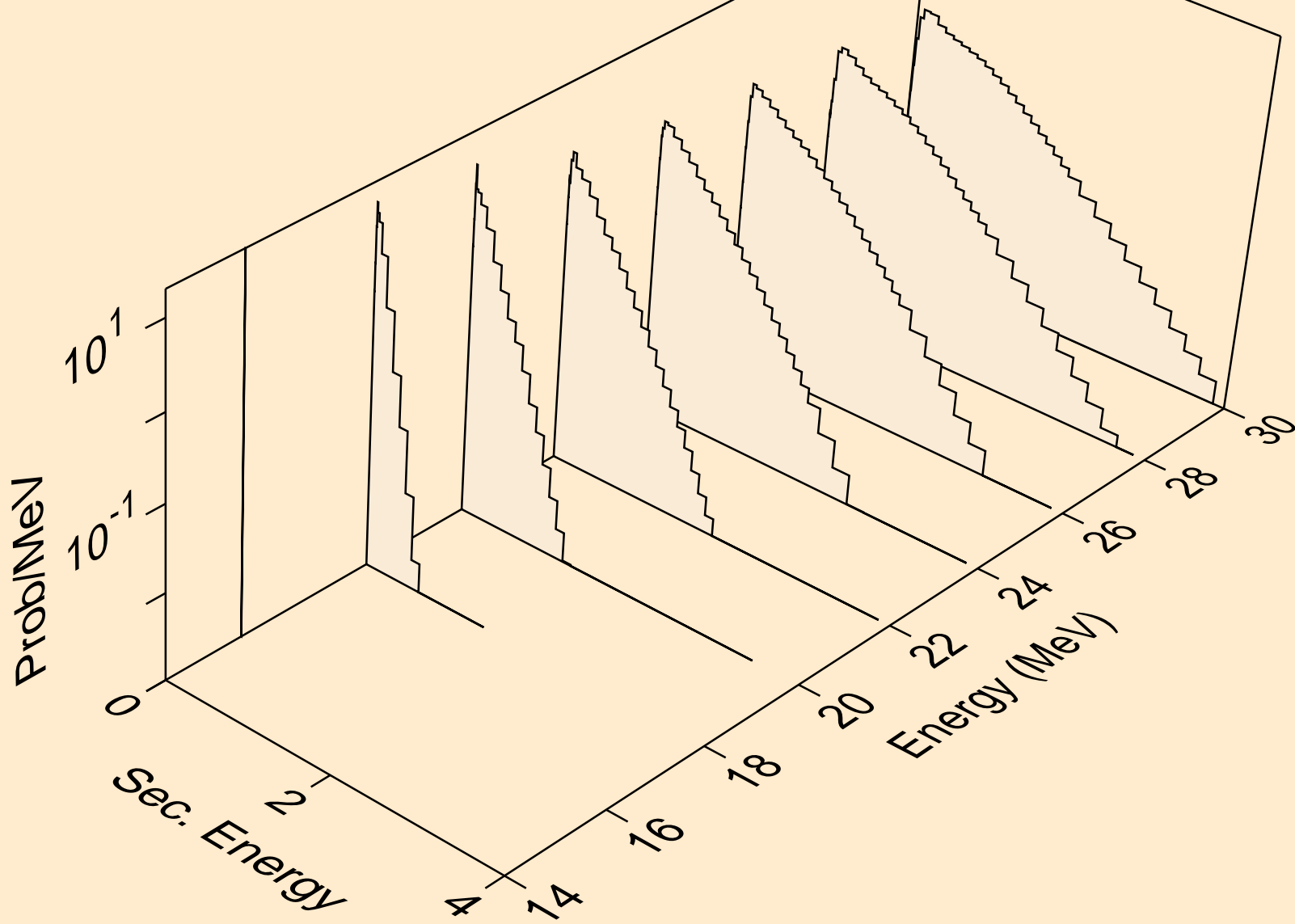
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neutrons from (a,3n)a



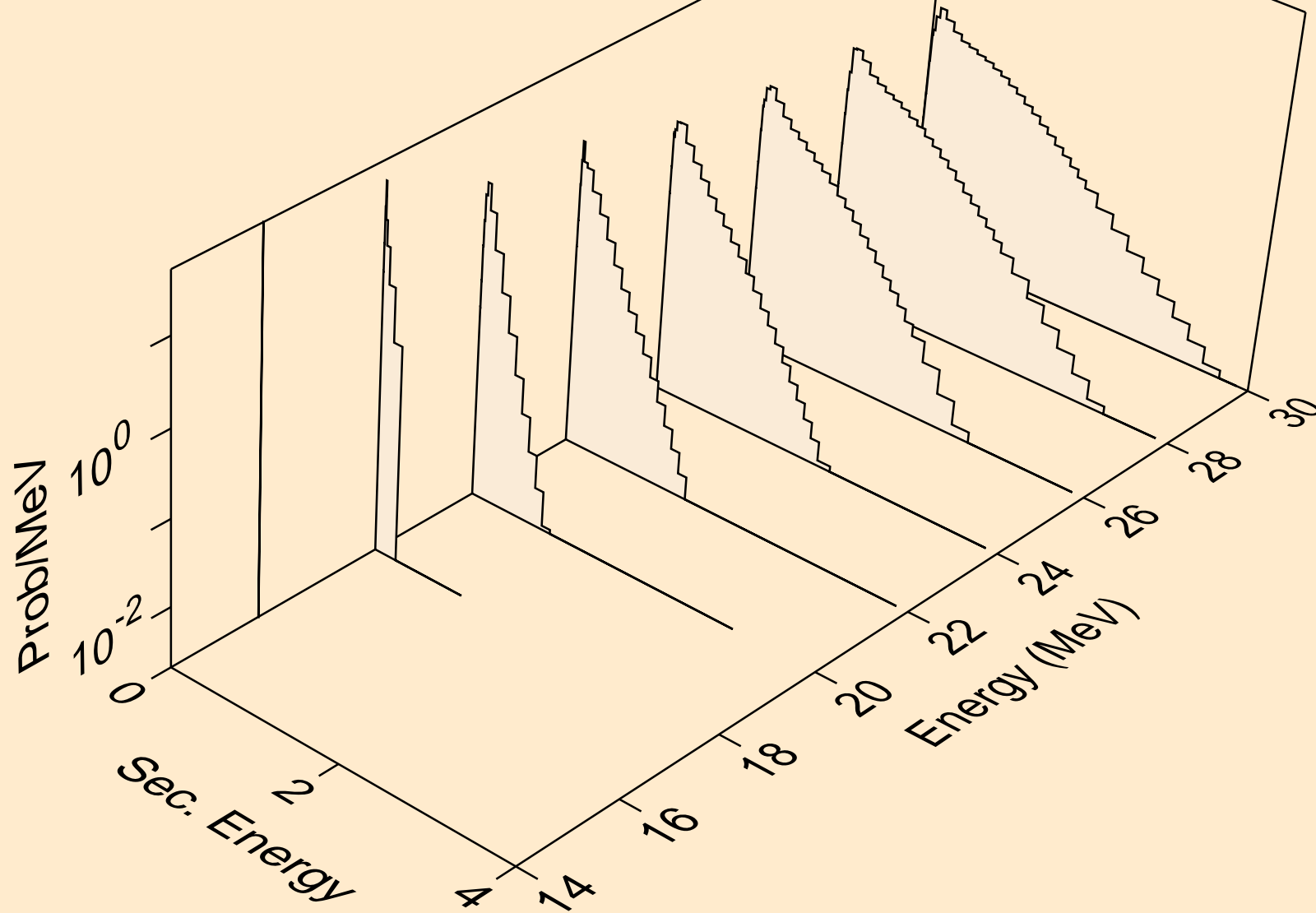
LA147 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)p



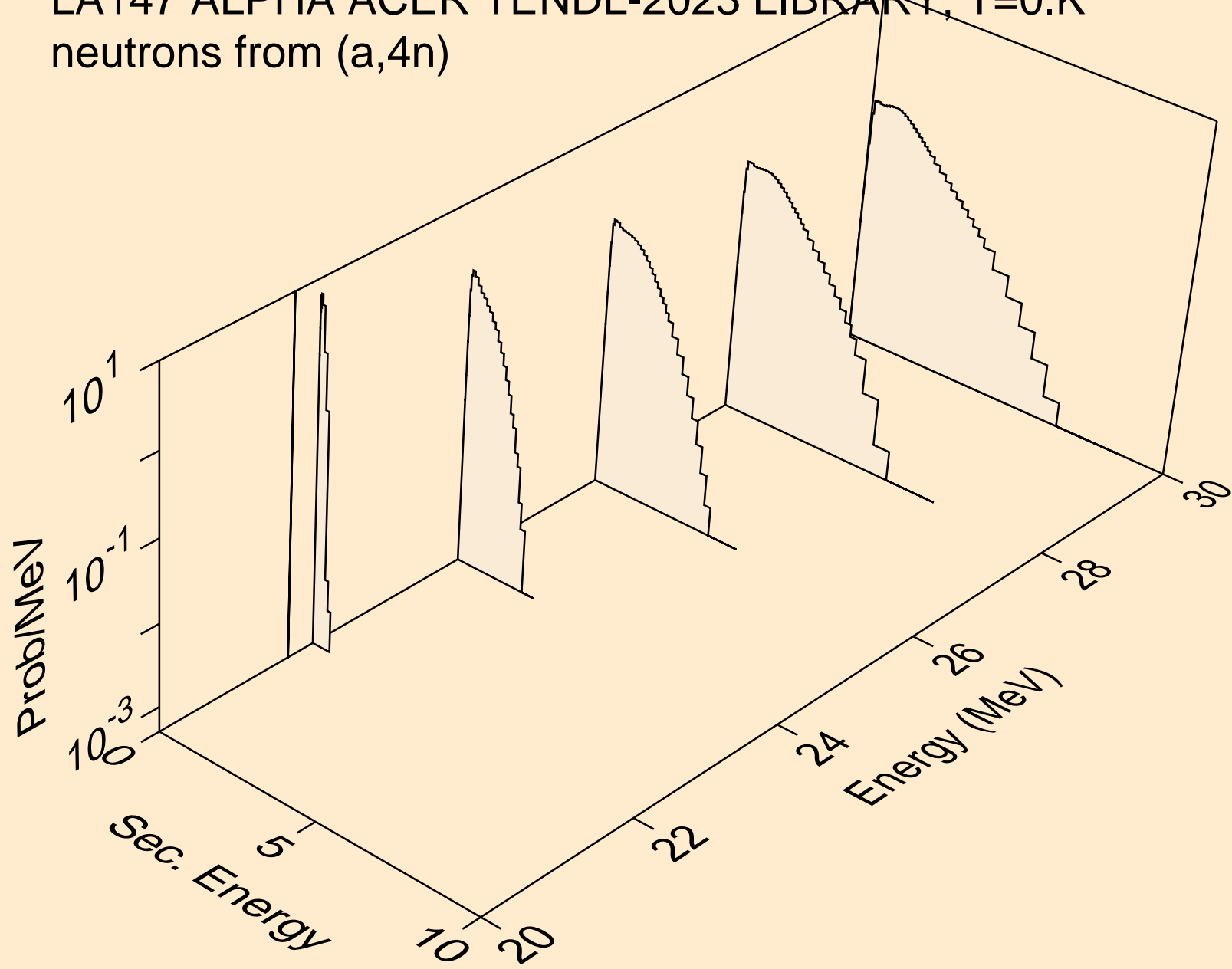
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neutrons from (a,n\*)d



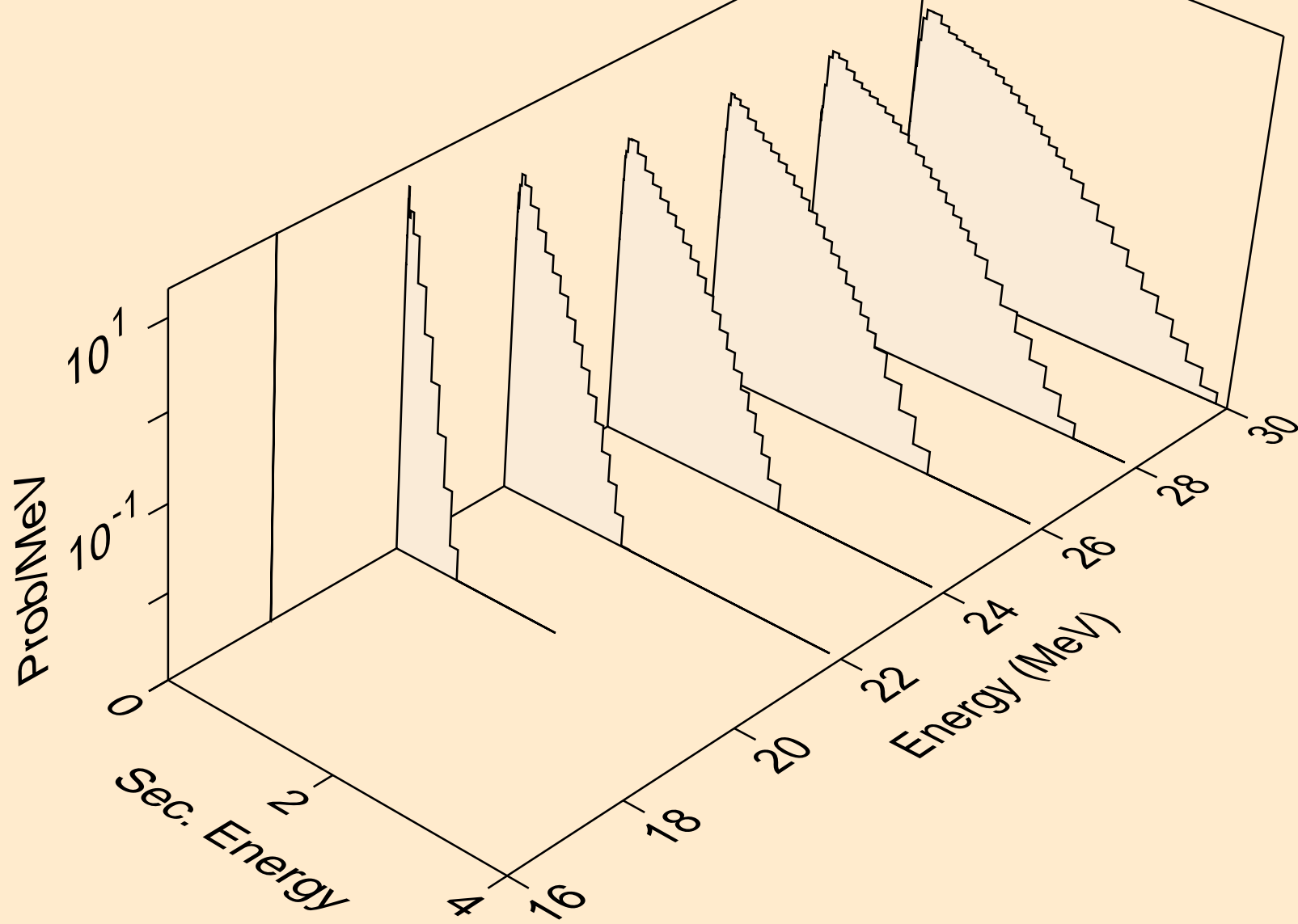
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neutrons from (a,n\*)t



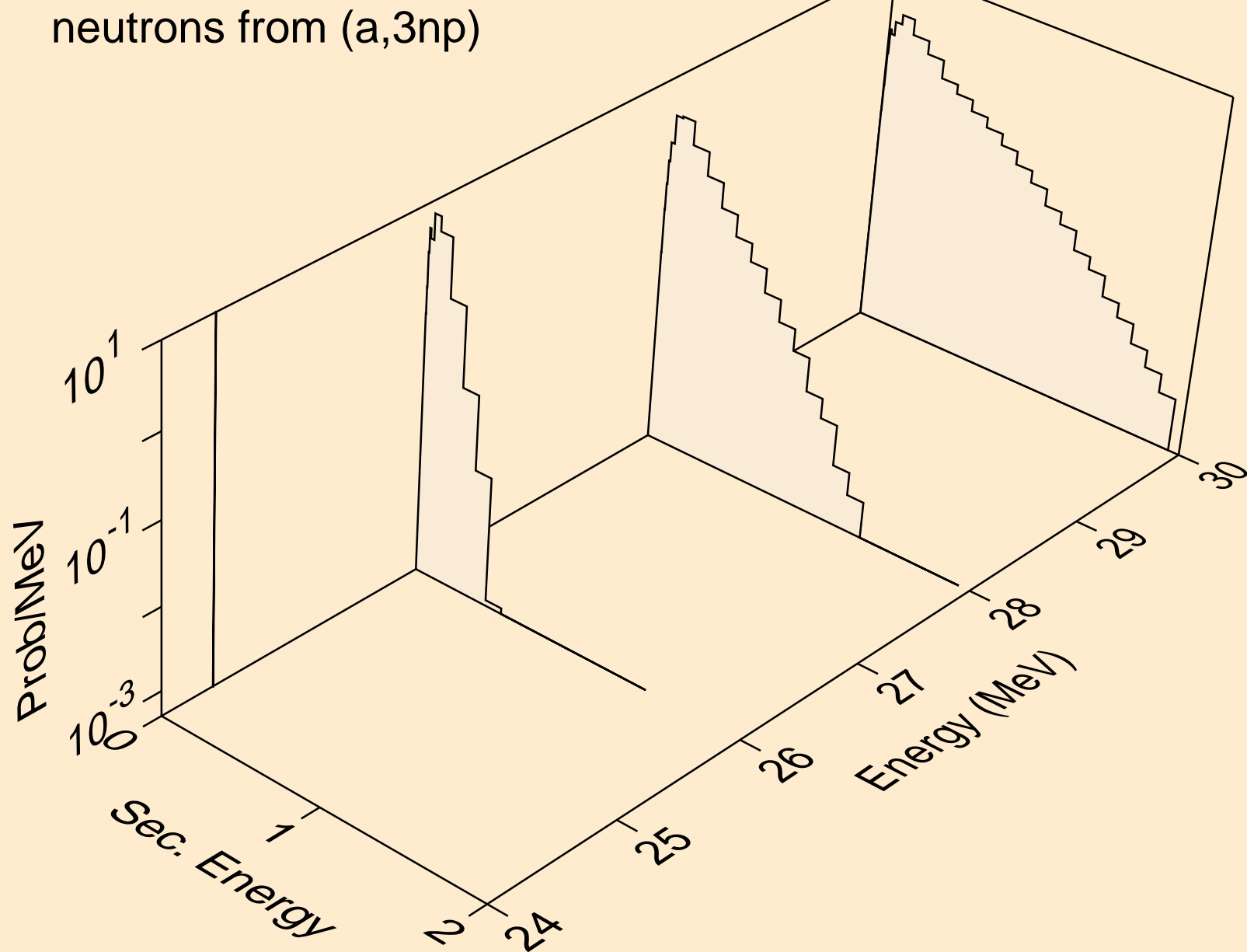
LA147 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,4n)



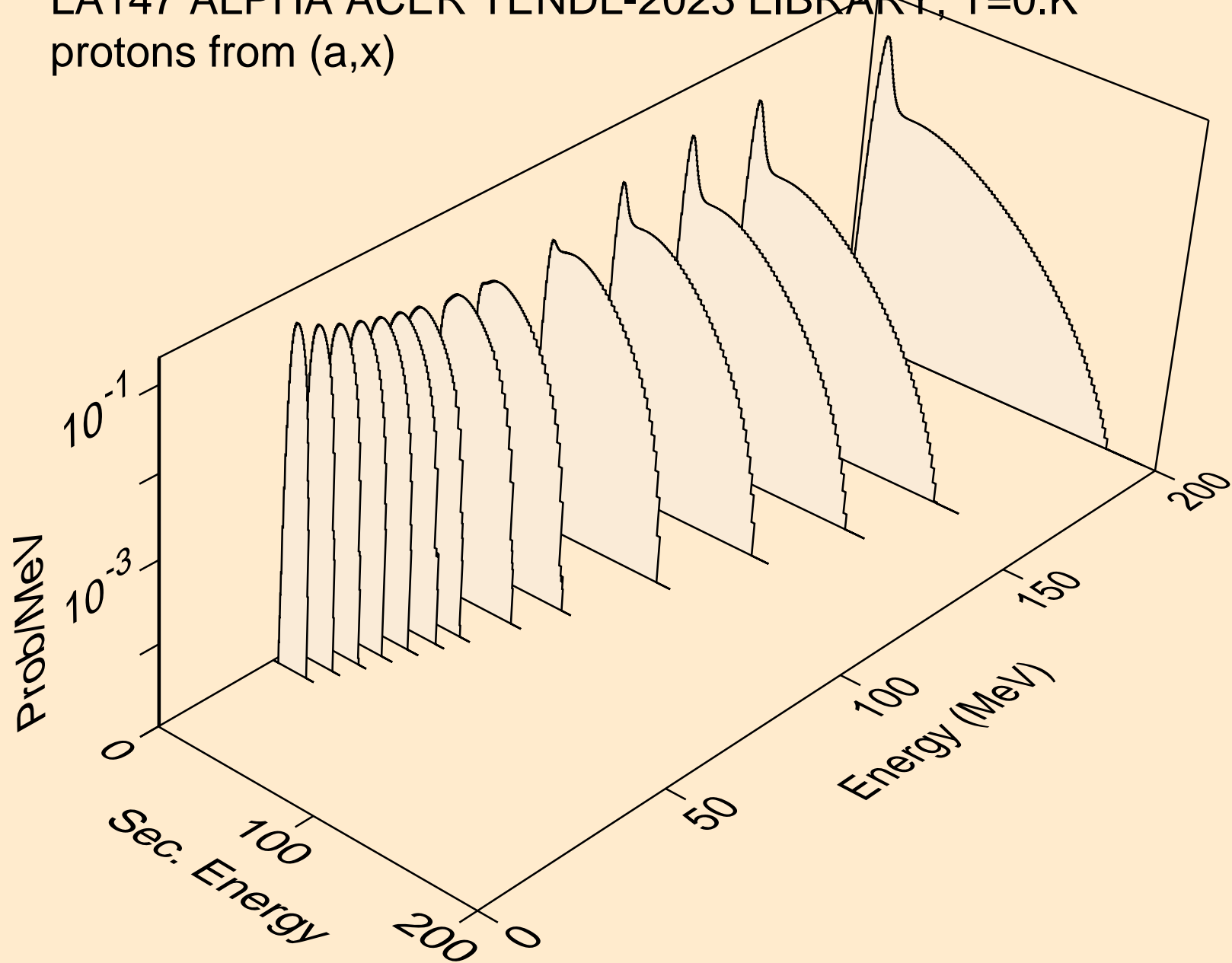
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neutrons from (a,2np)



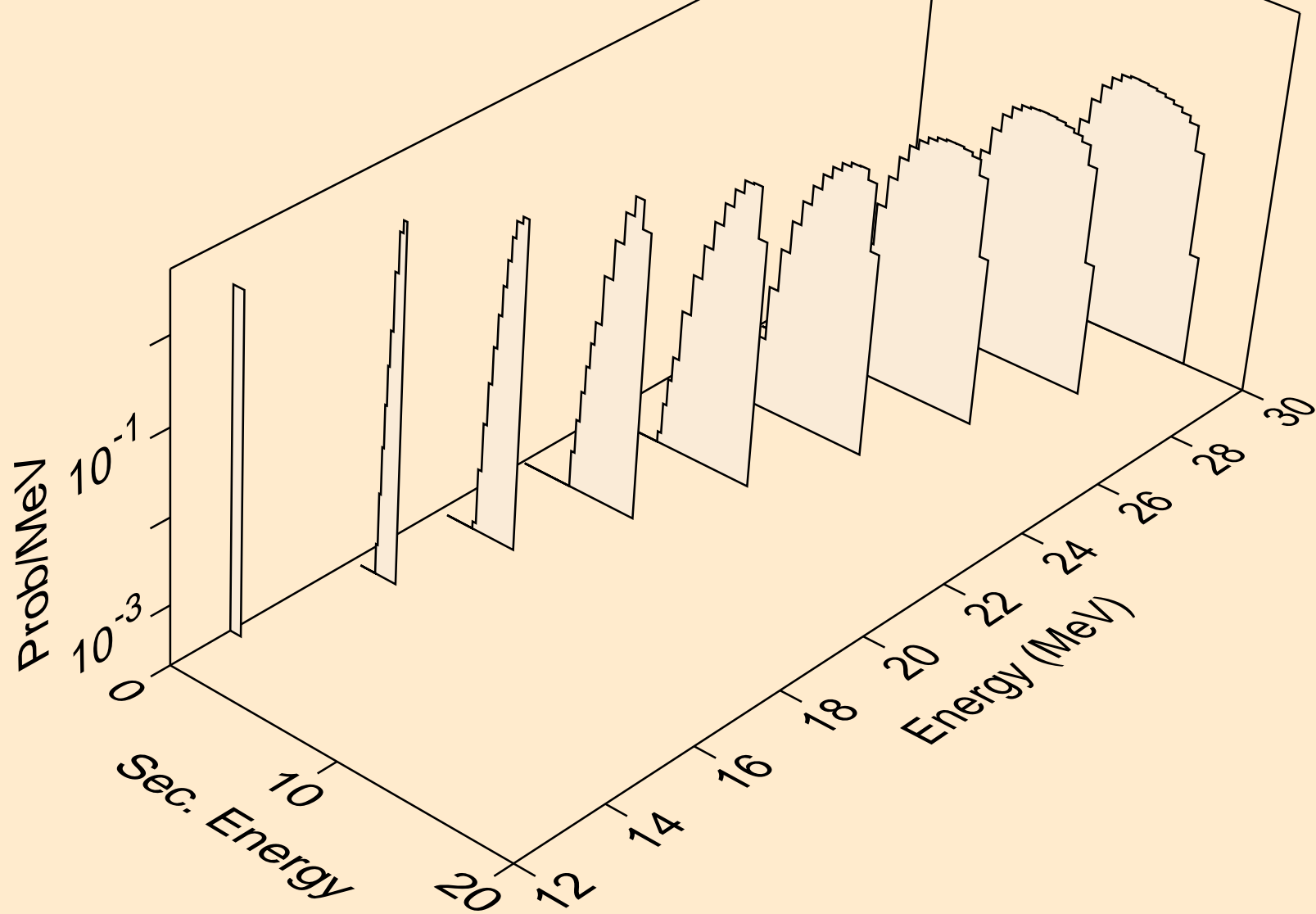
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neutrons from (a,3np)



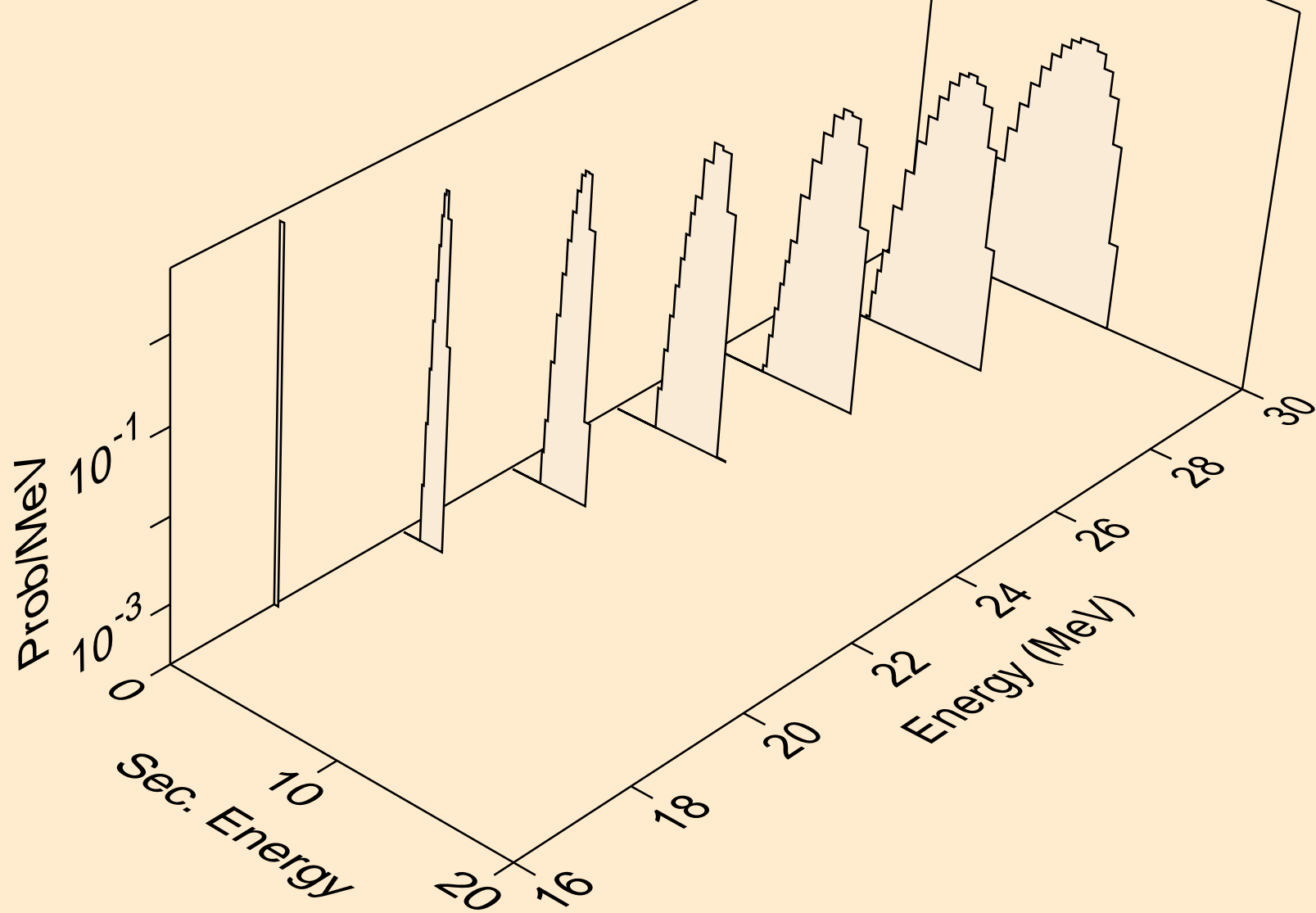
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protons from (a,x)



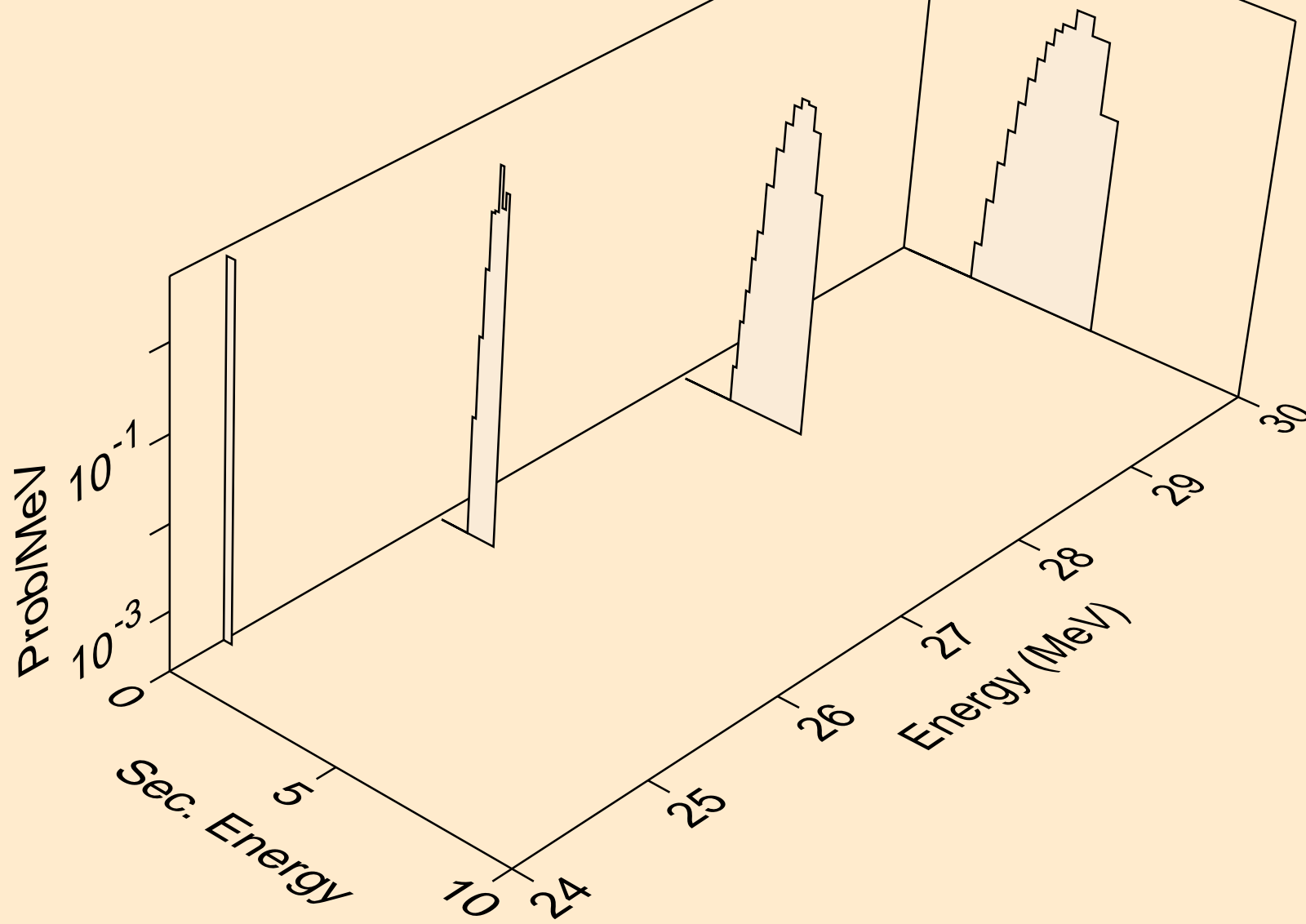
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protons from (a,n\*)p



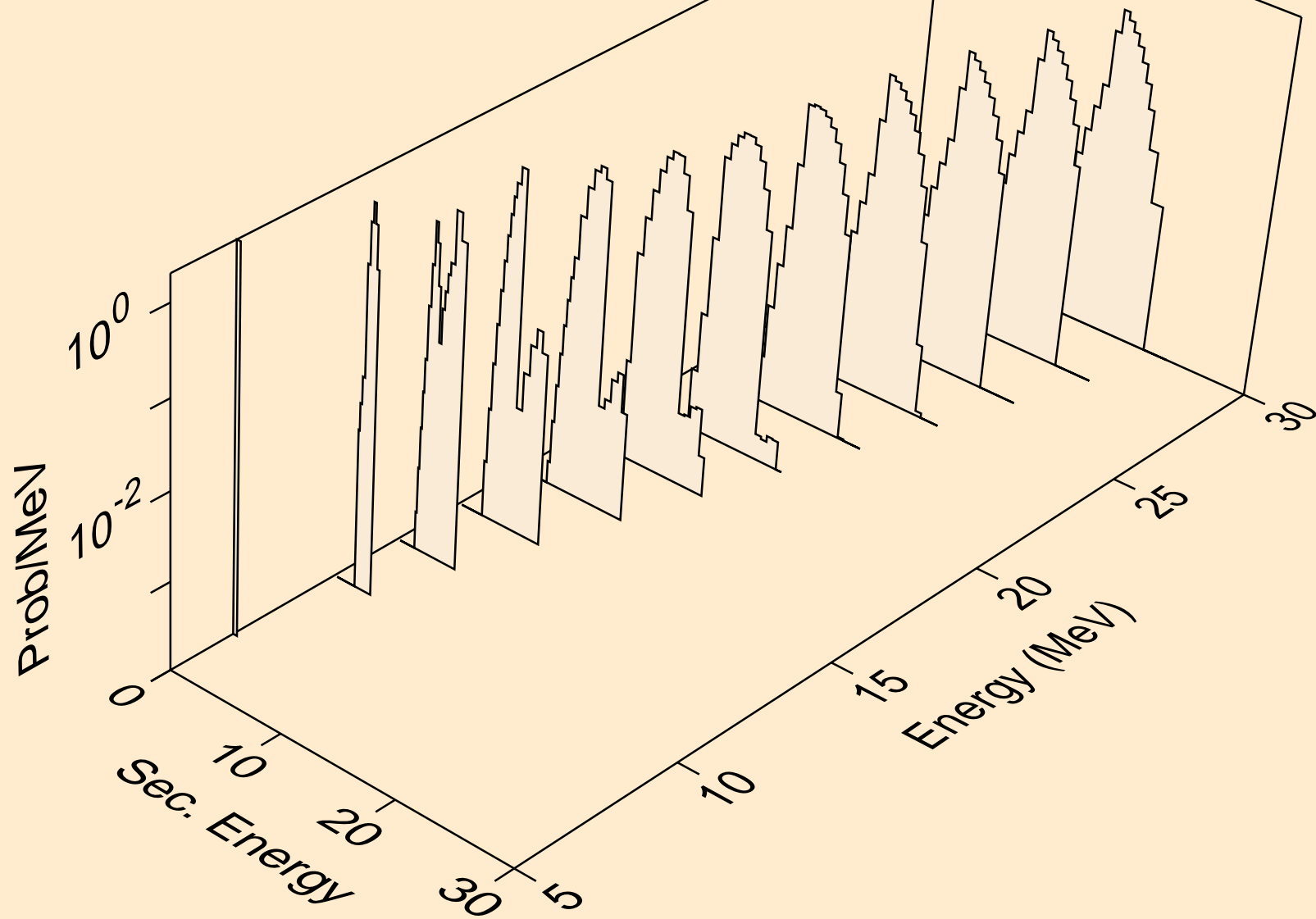
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protons from (a,2np)



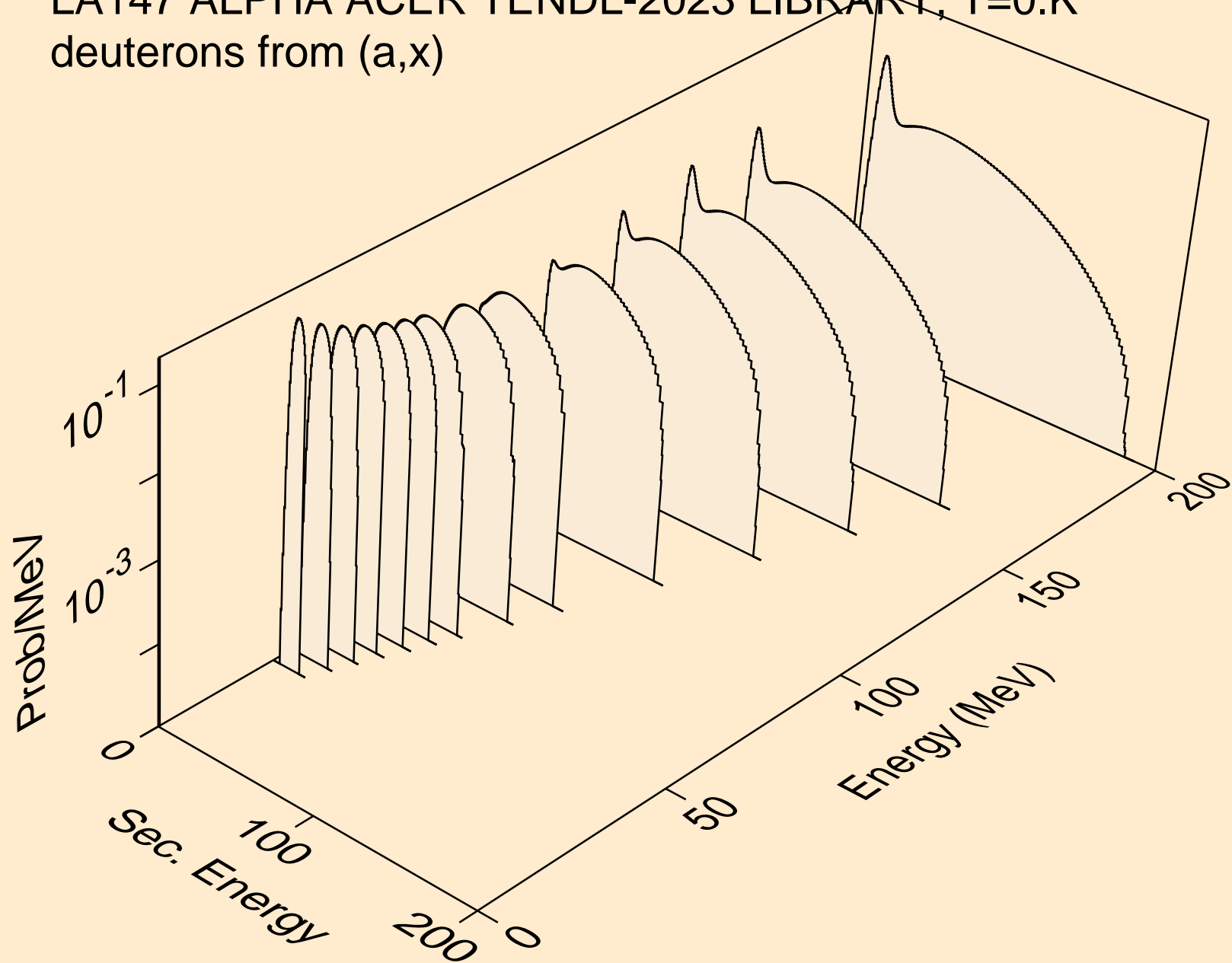
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protons from (a,3np)



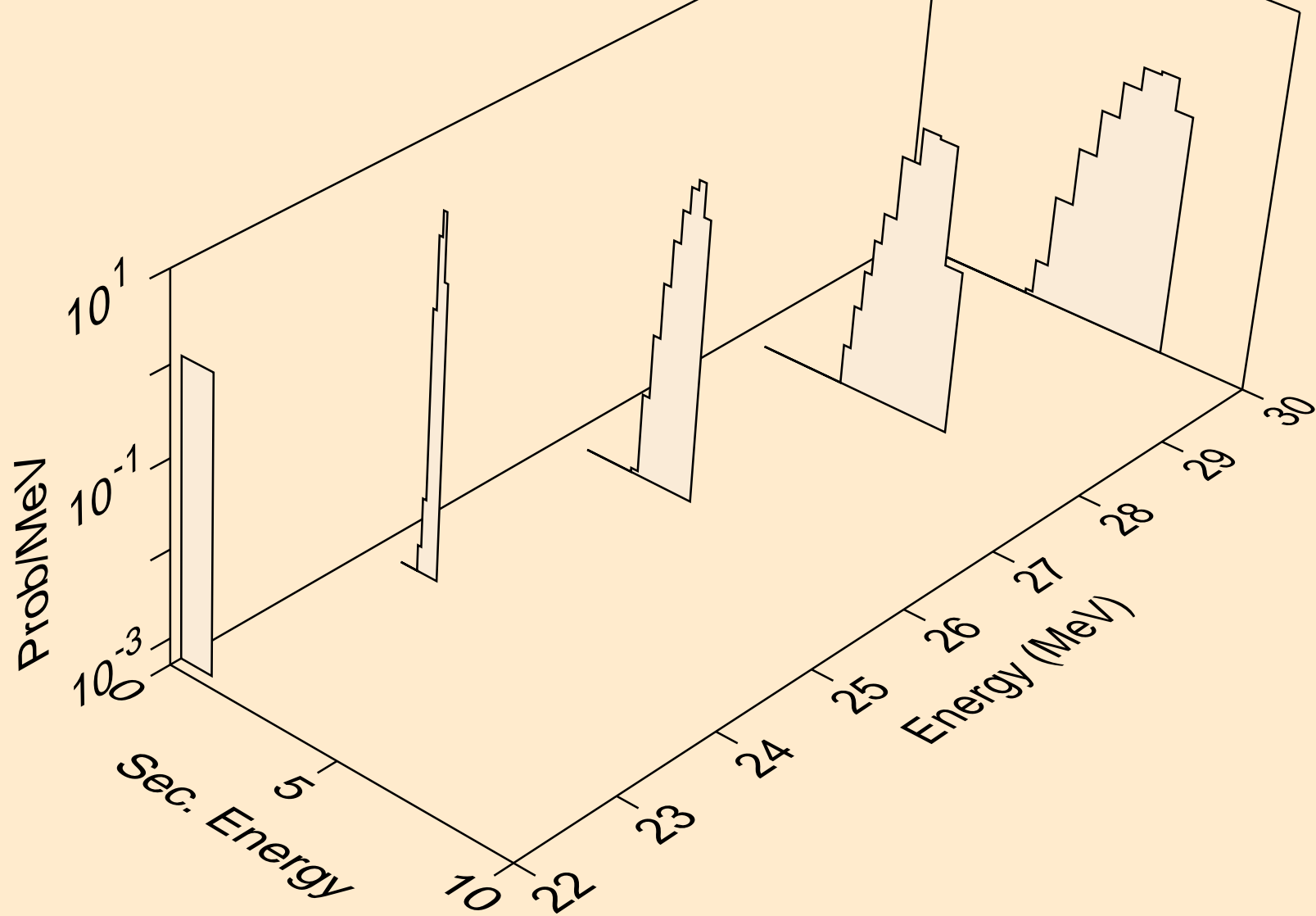
LA147 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,p)



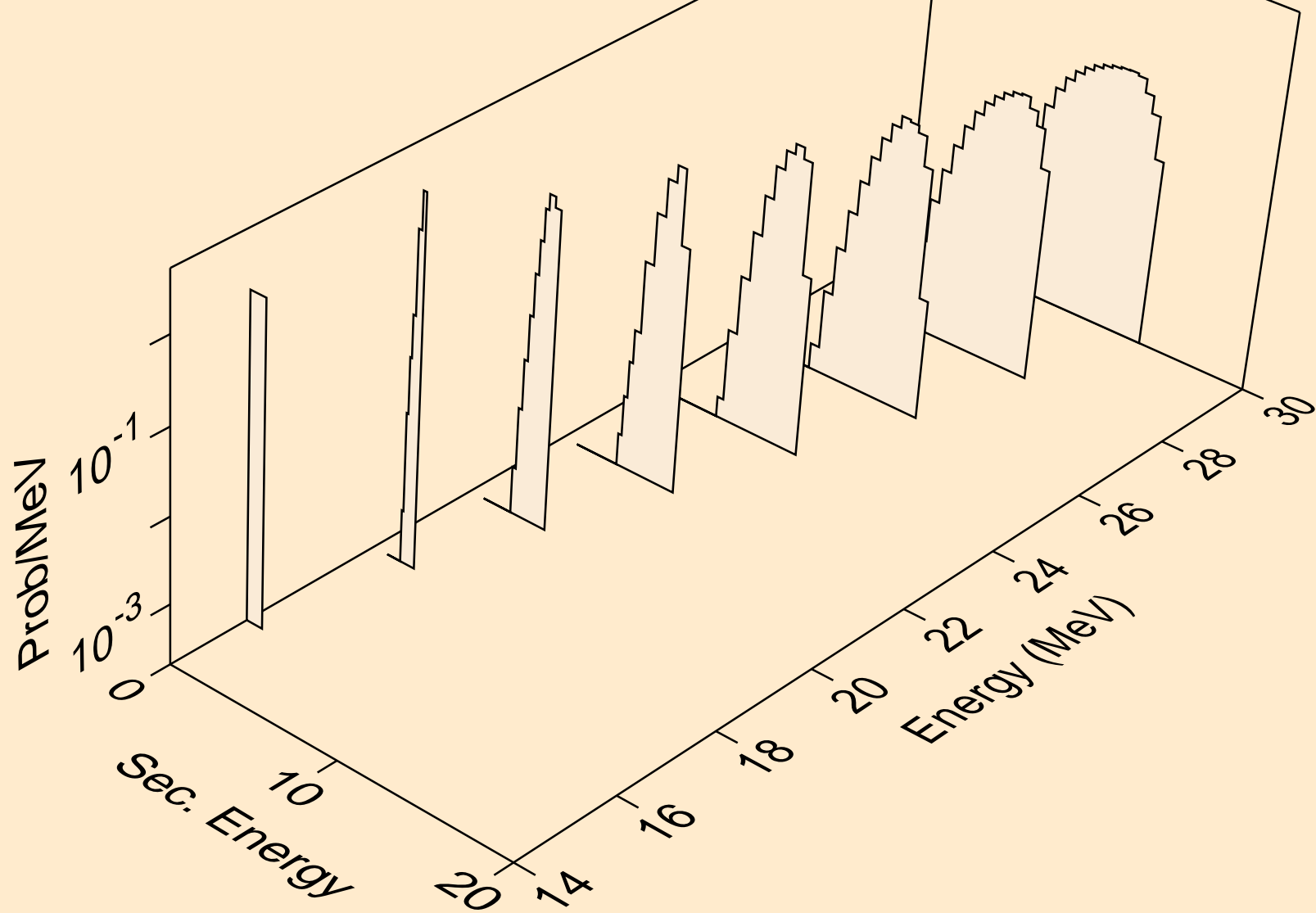
LA147 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,x)



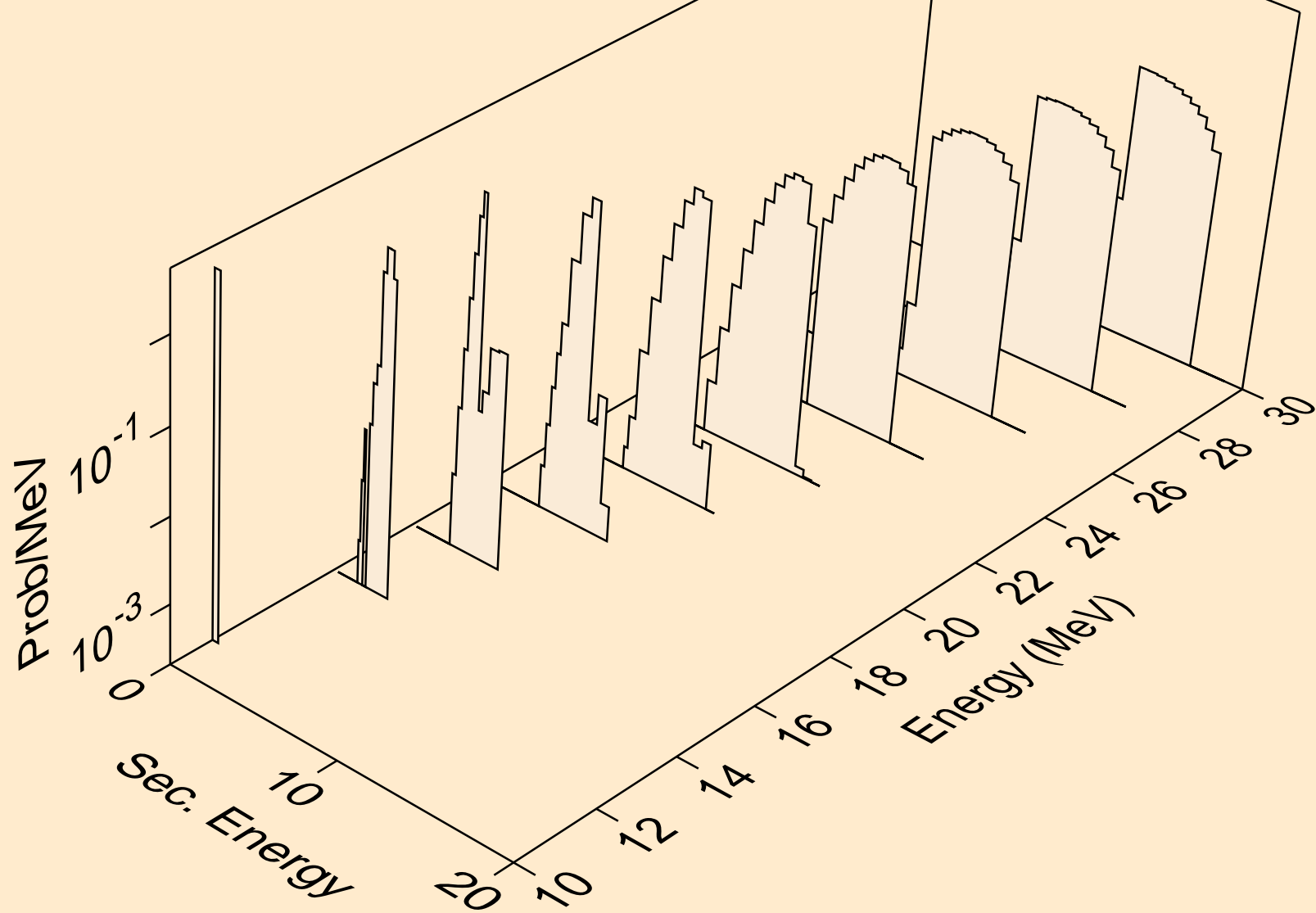
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deuterons from (a,2nd)



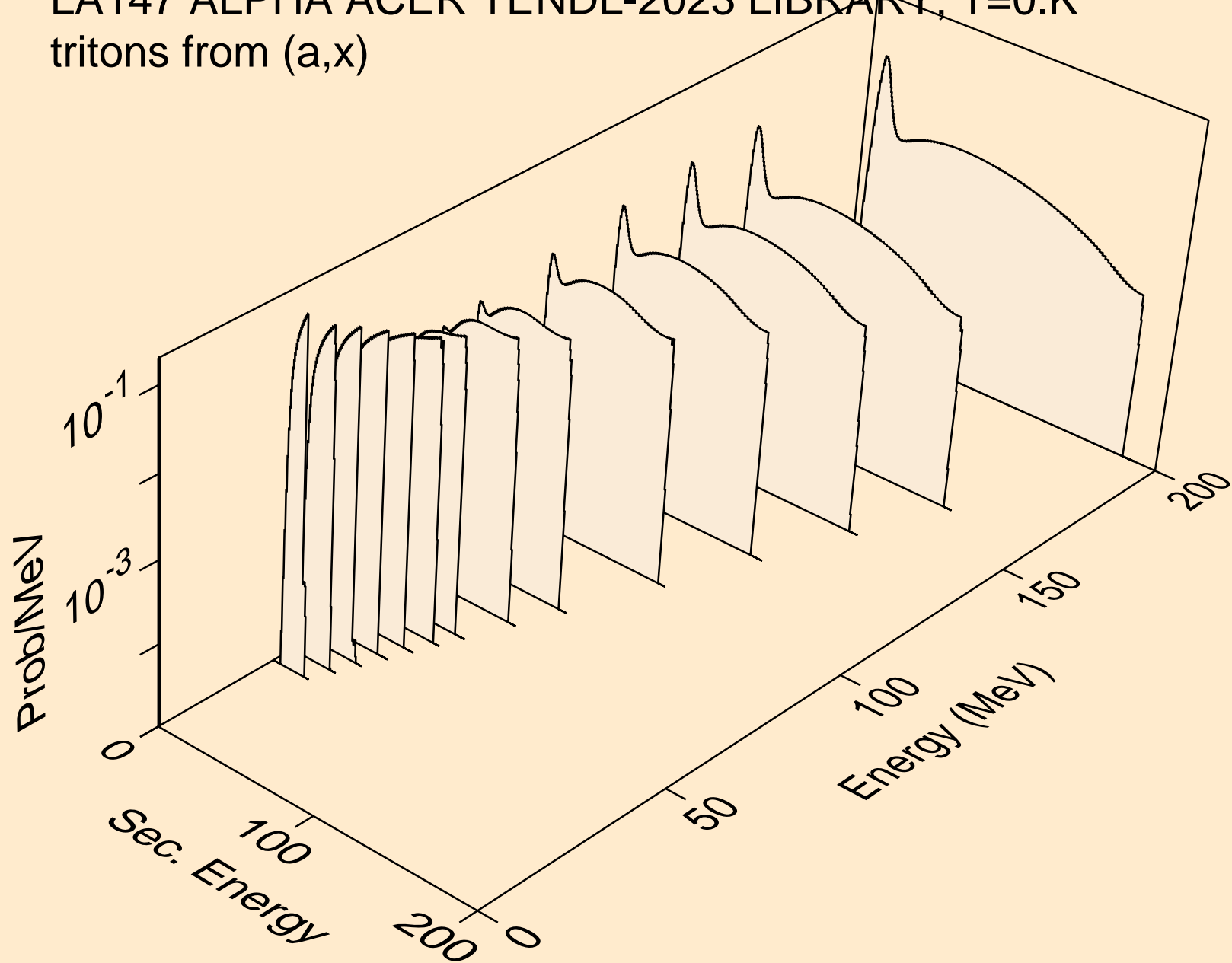
LA147 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,n\*)d



LA147 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,d)

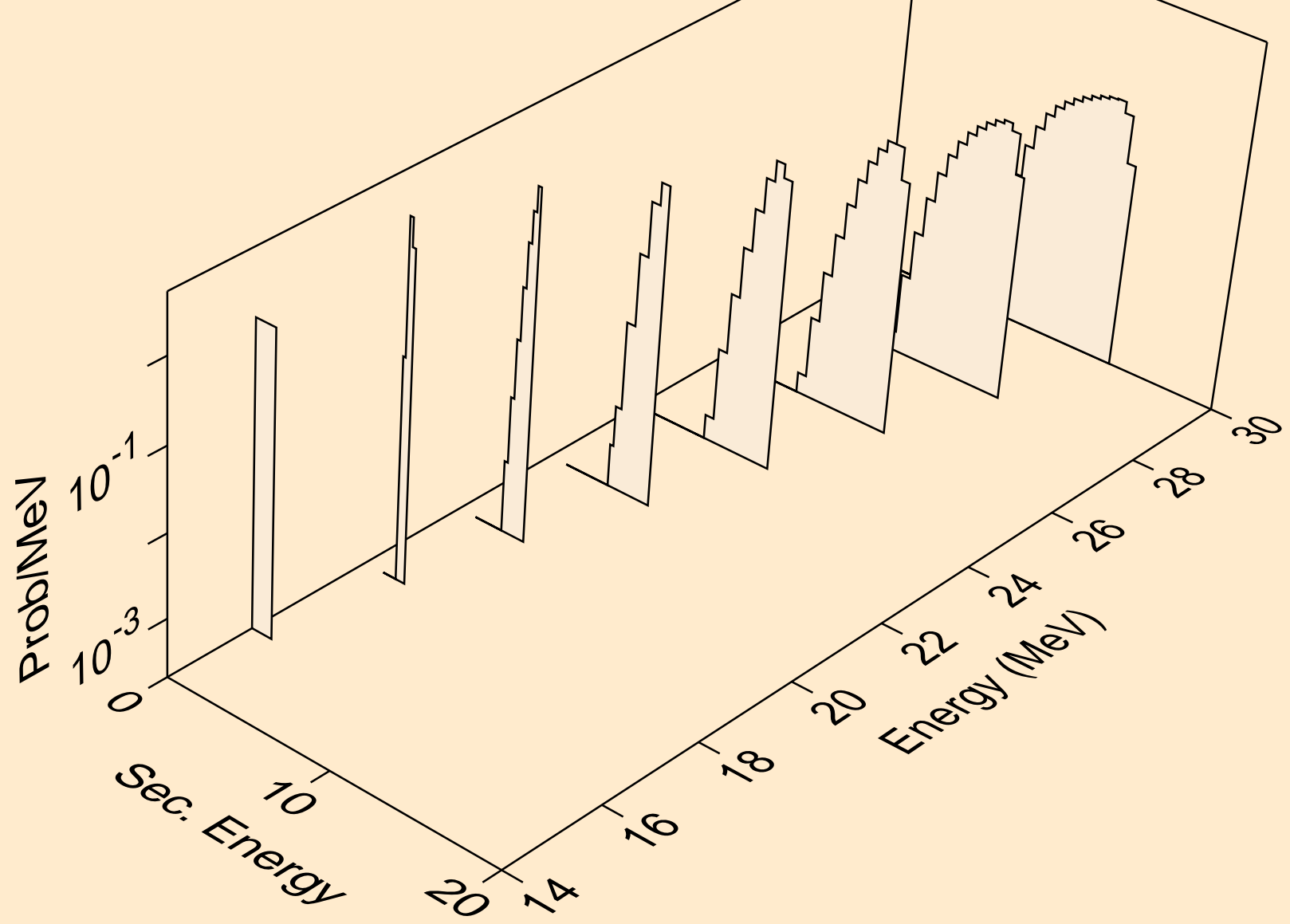


LA147 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)

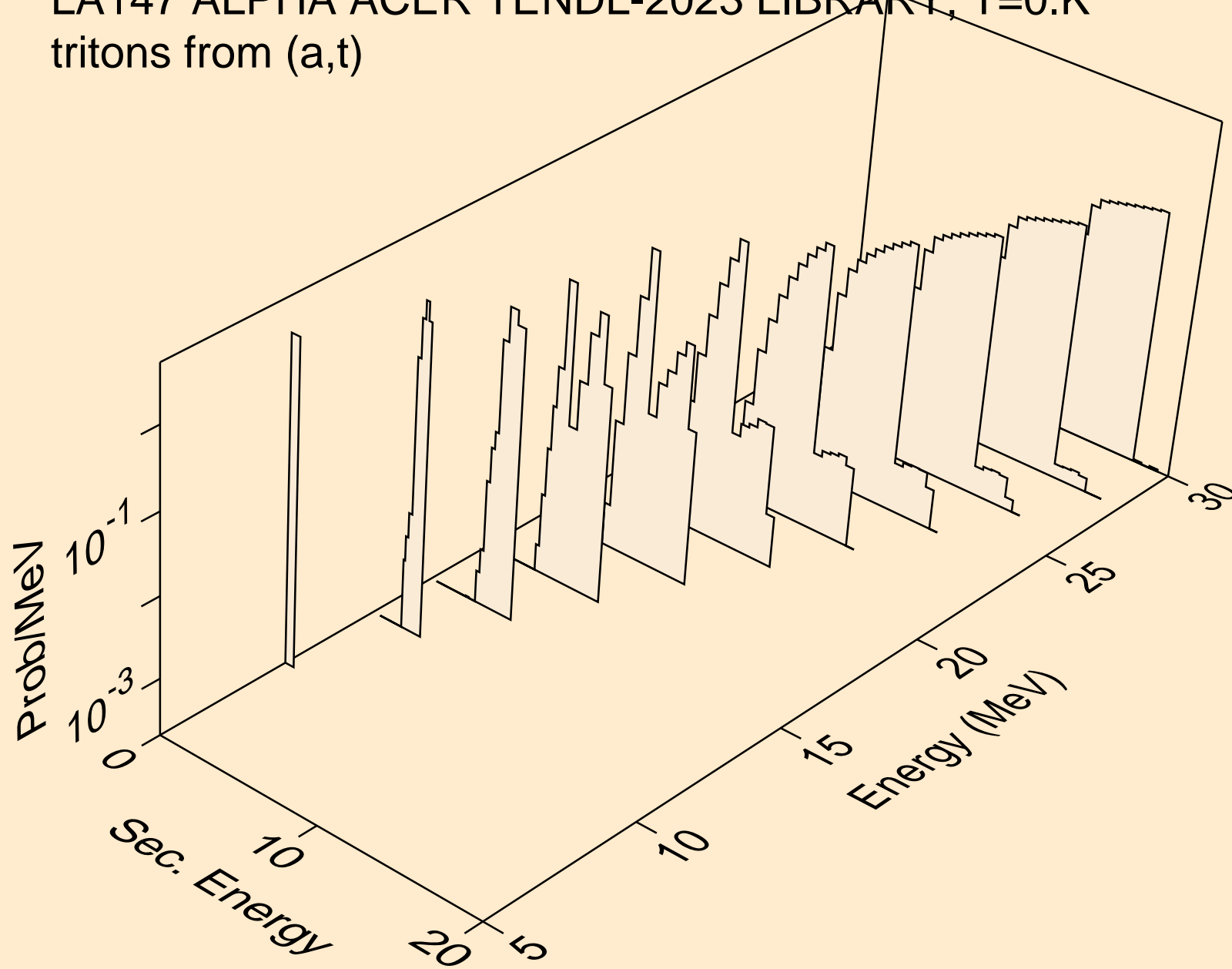


LA147 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

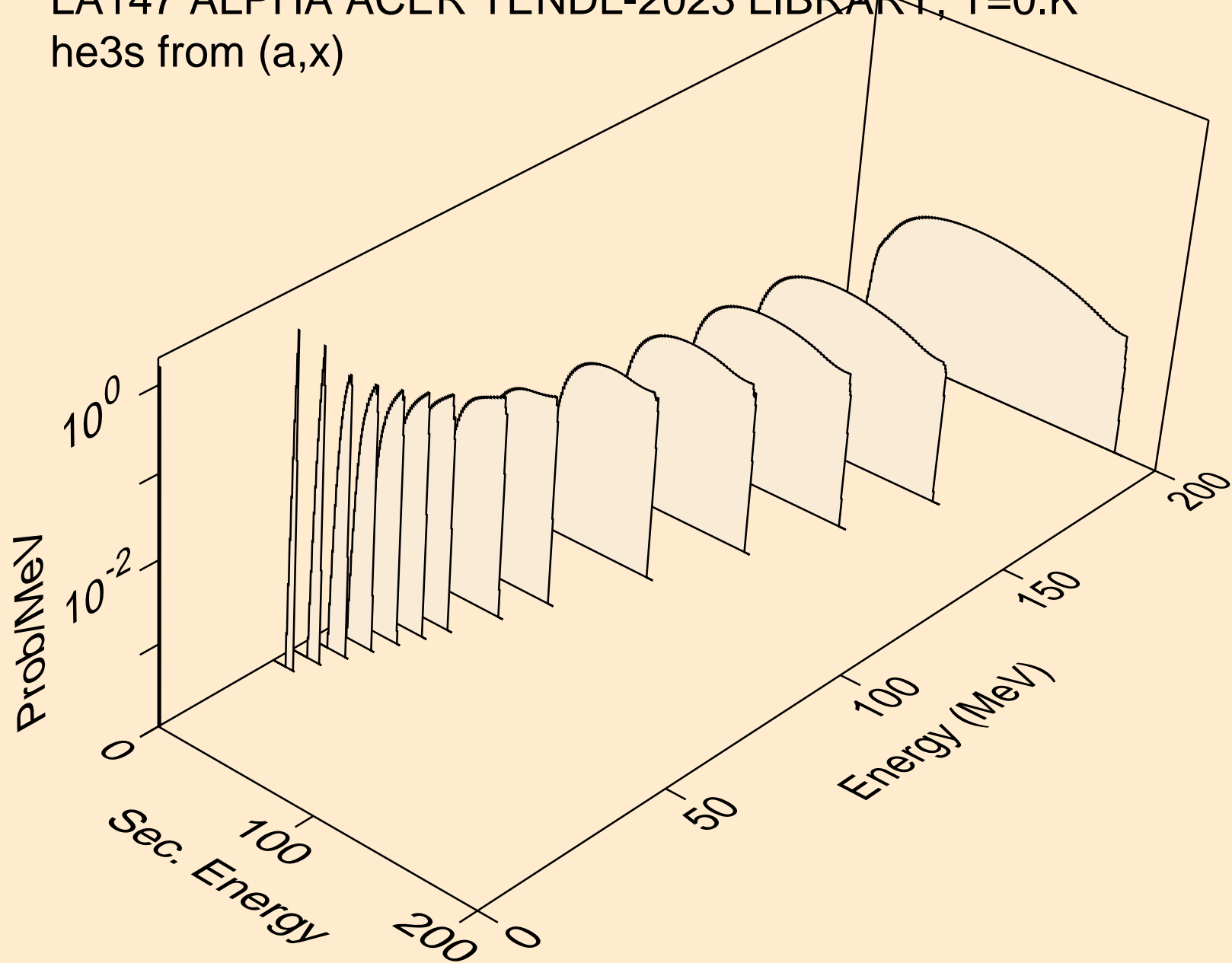
tritons from (a,n\*)t



LA147 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)



LA147 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



LA147 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

