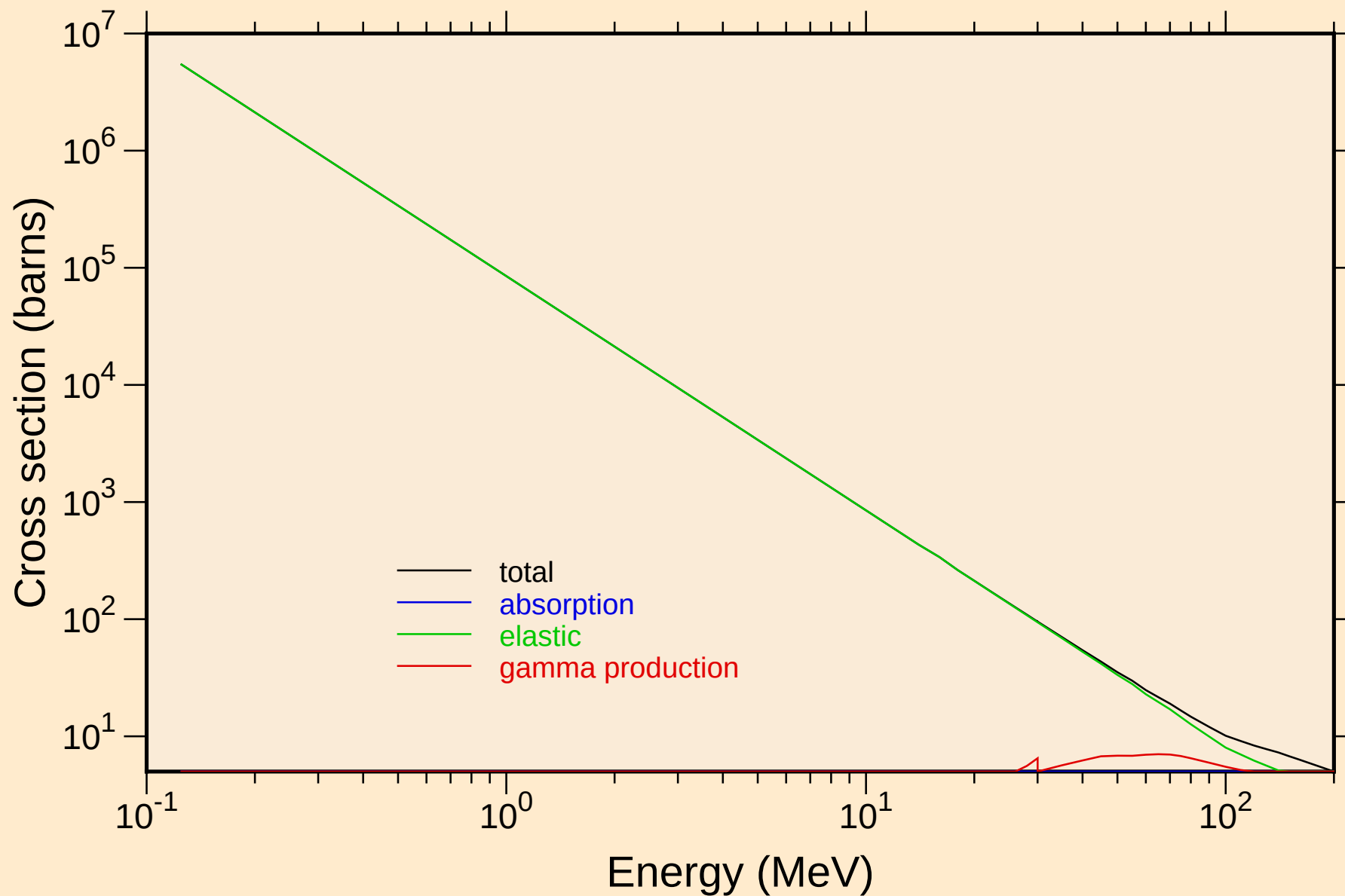


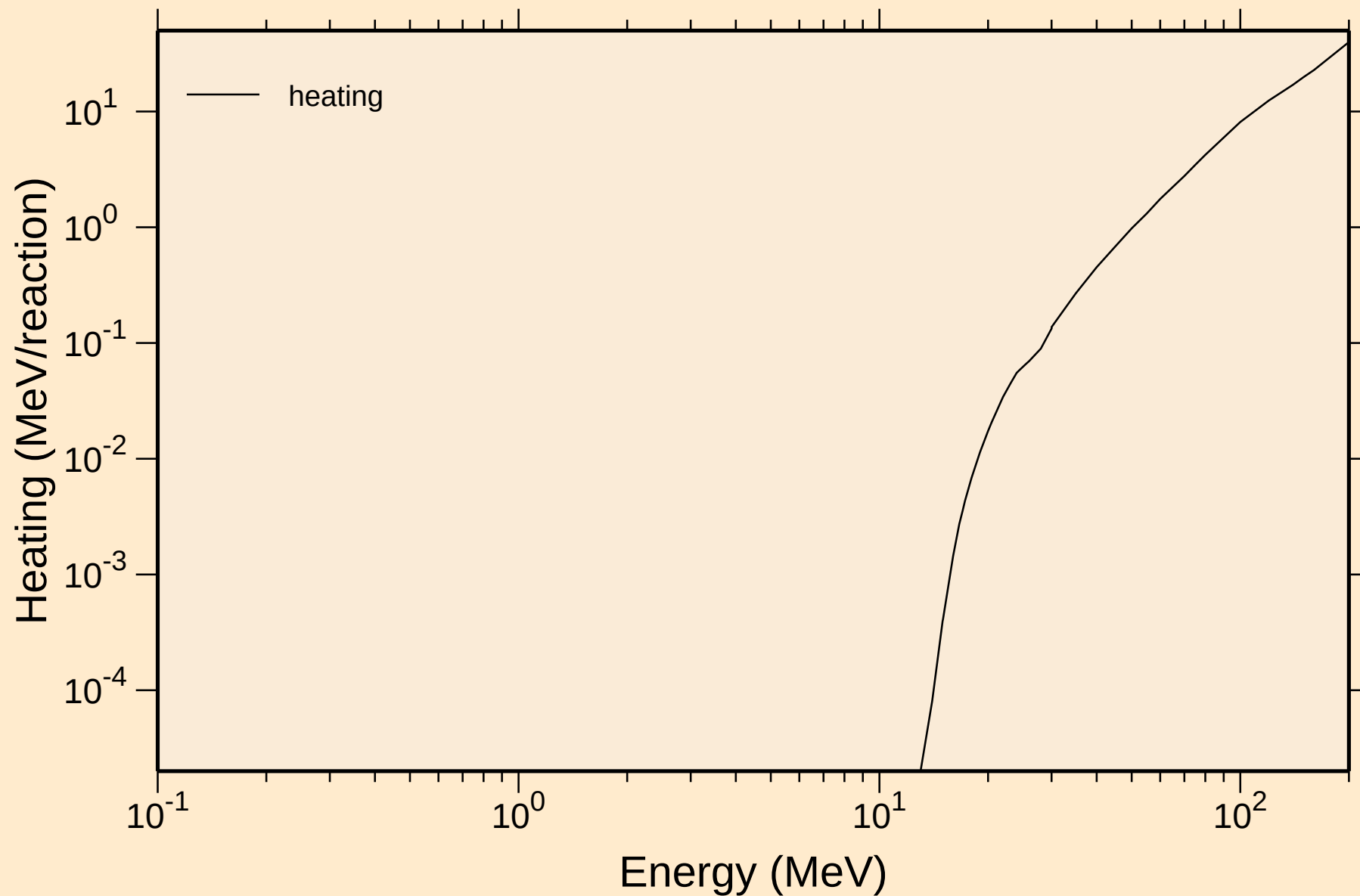
# LA124 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



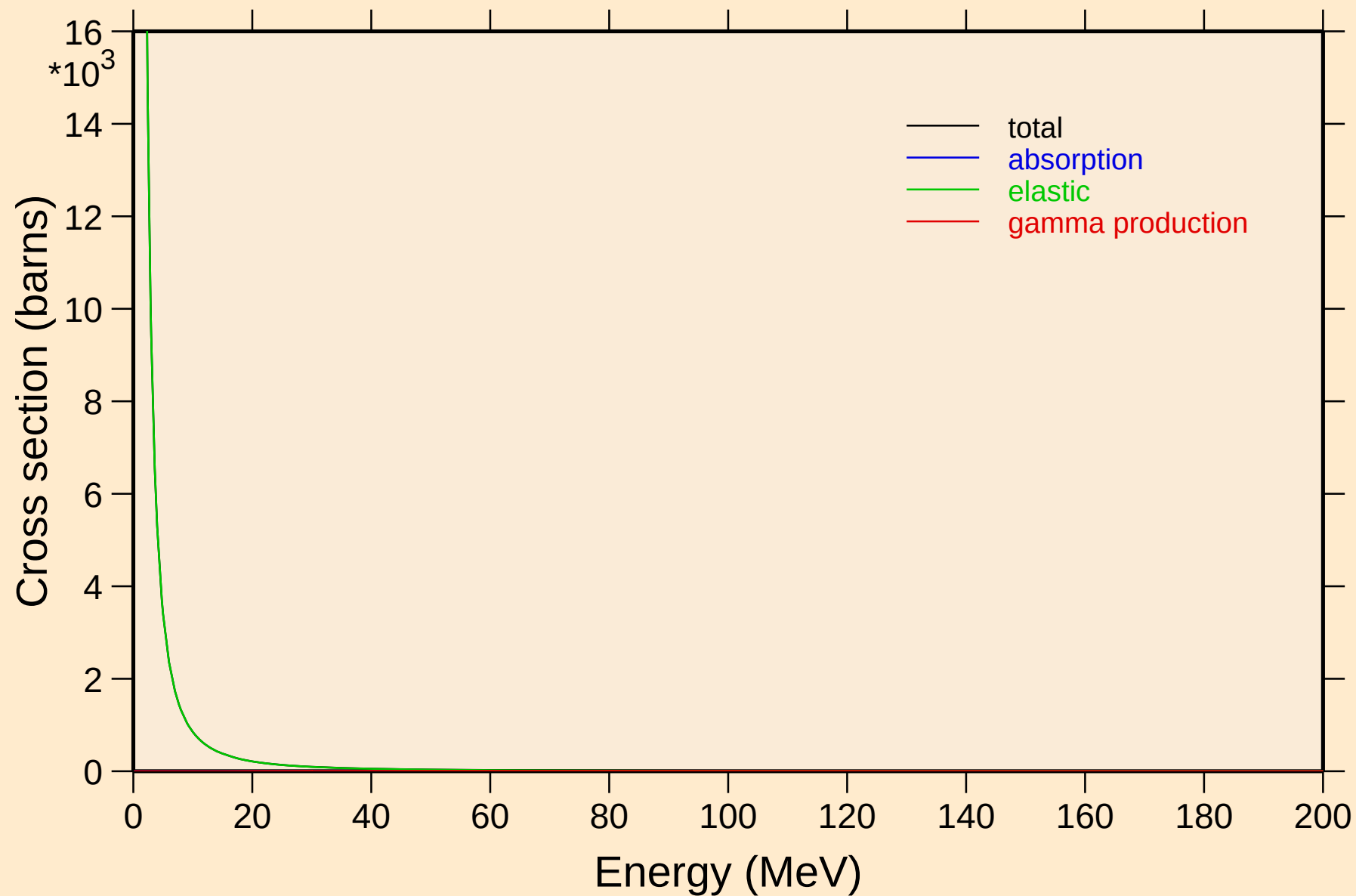
LA124 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating



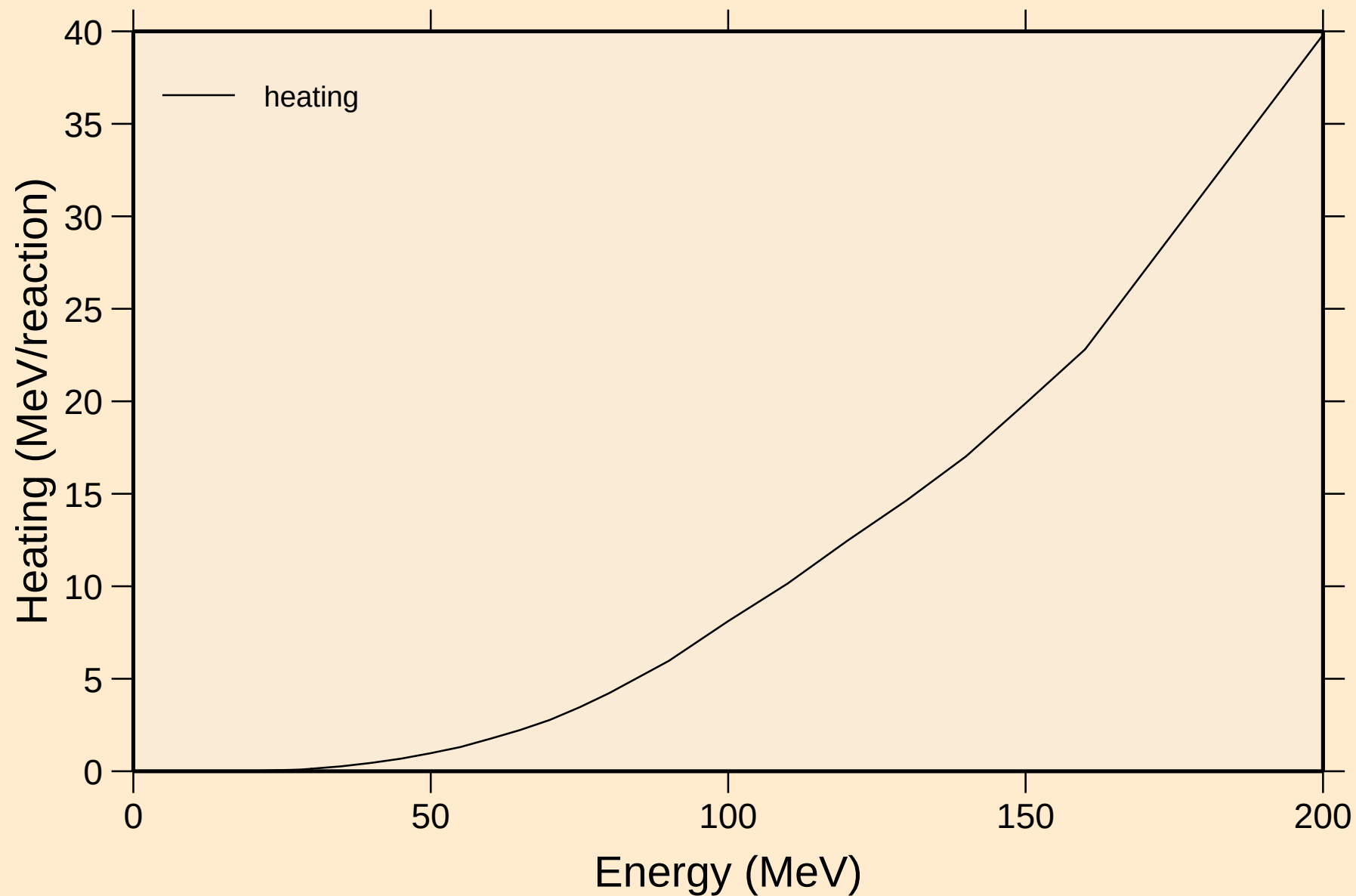
# LA124 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



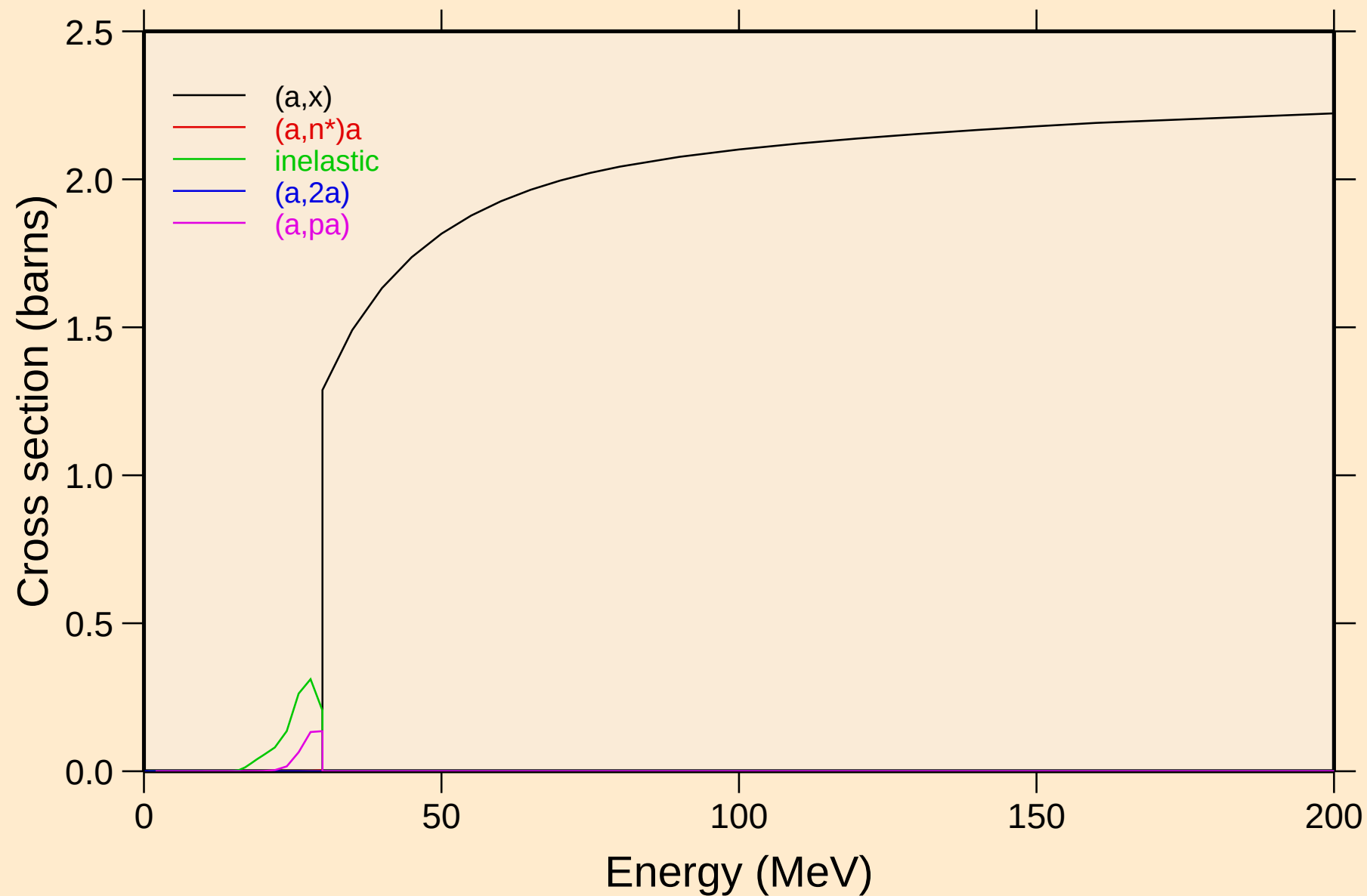
LA124 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating



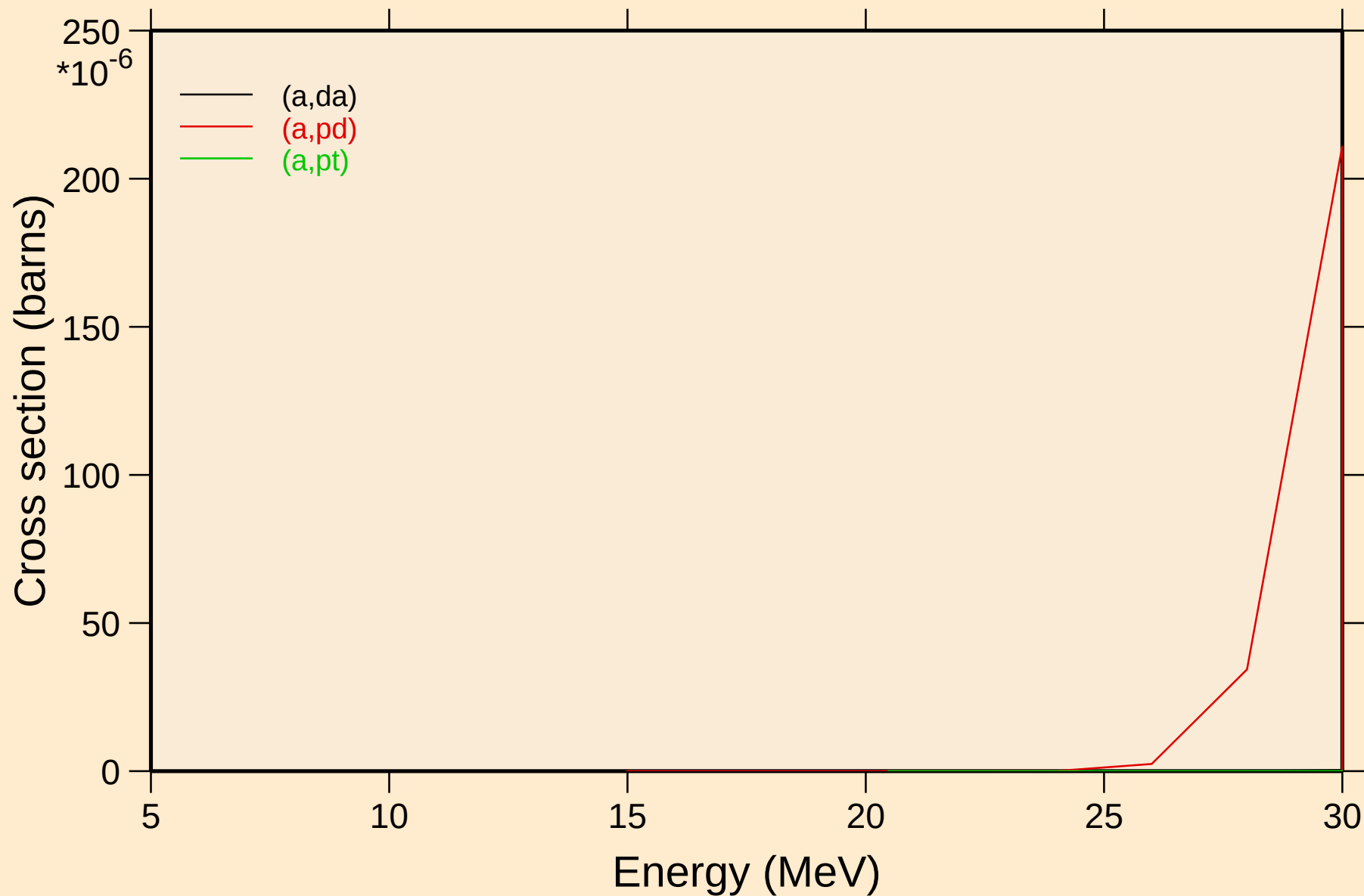
# LA124 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



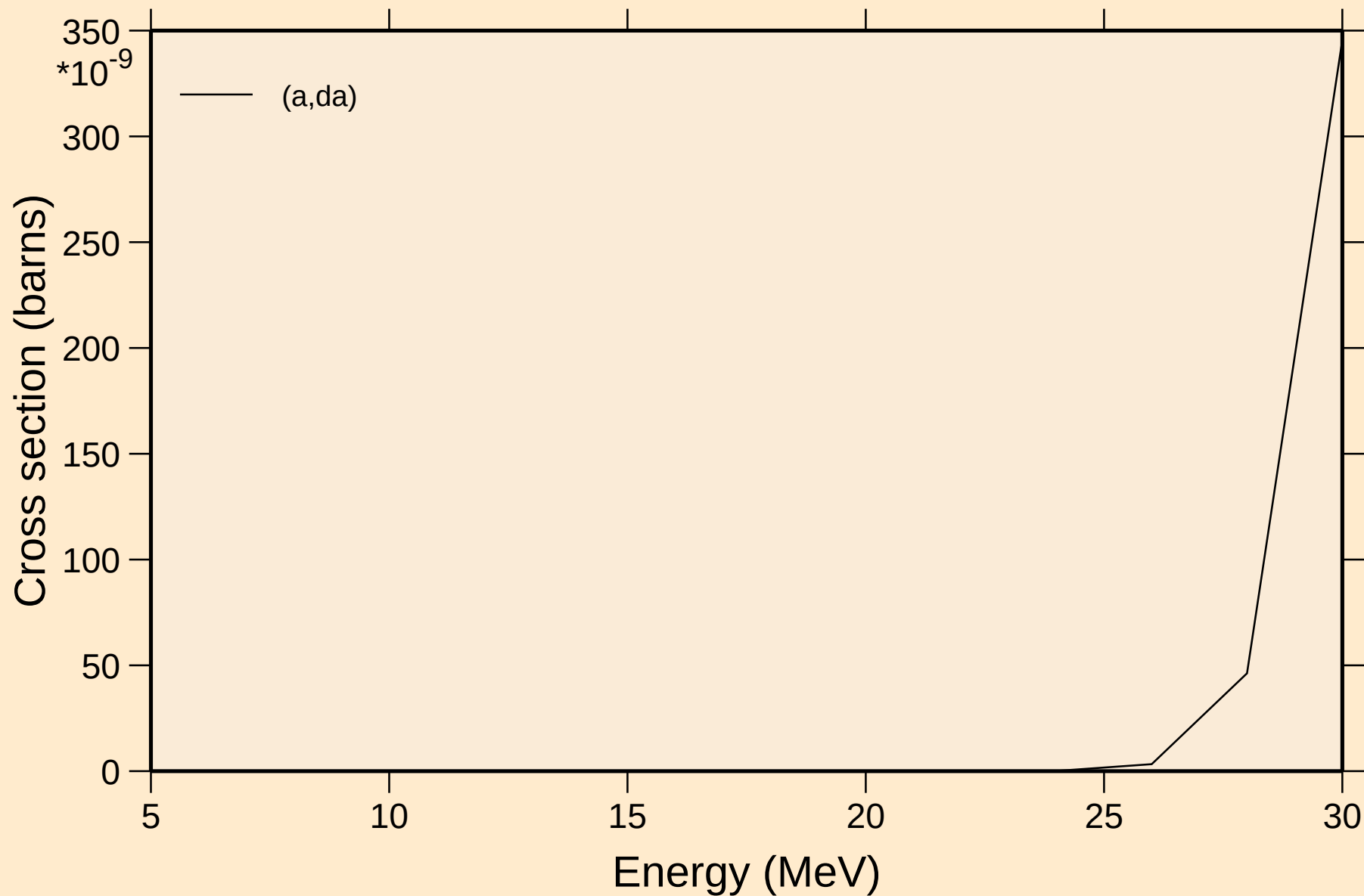
# LA124 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

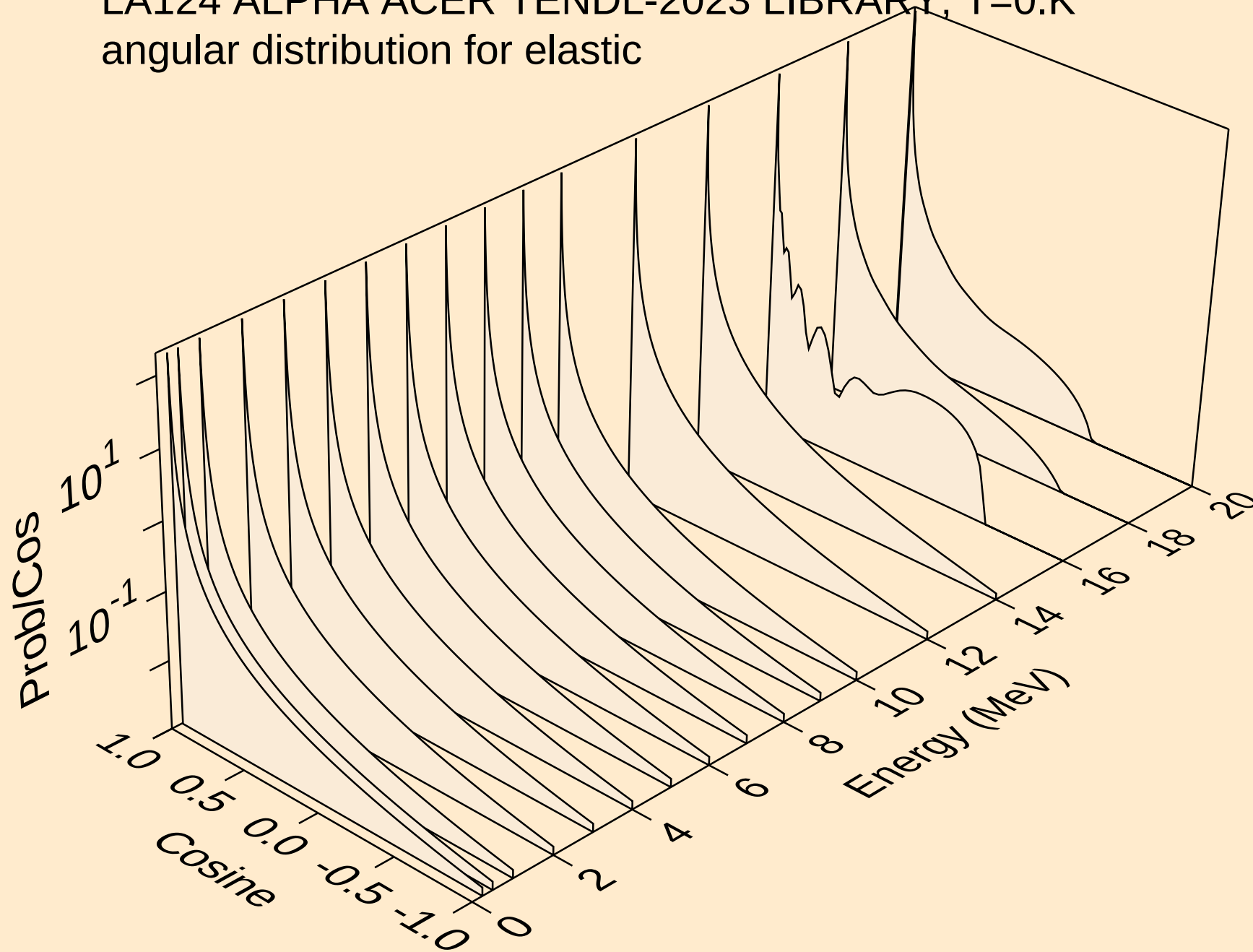


# LA124 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

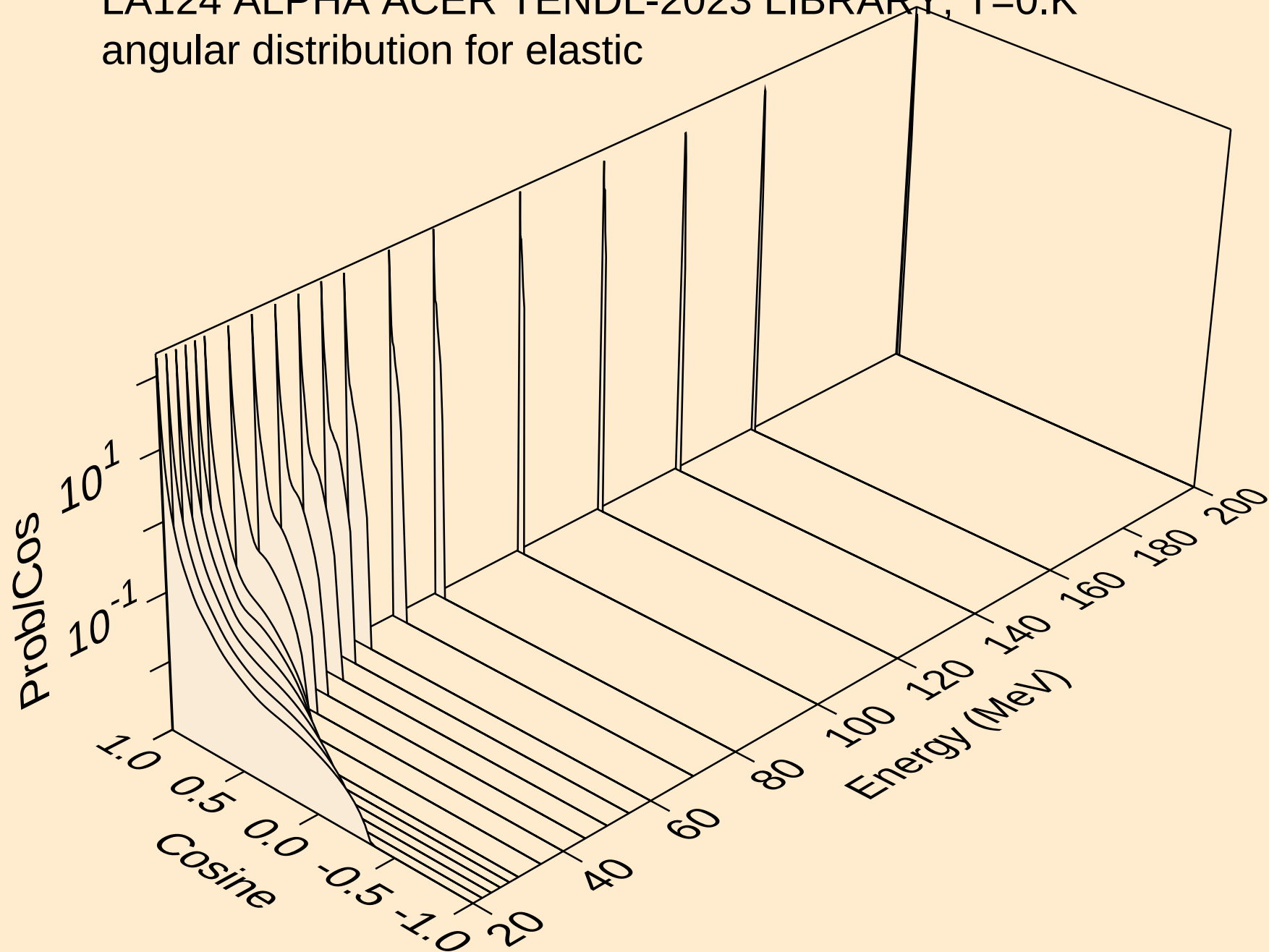


LA124 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



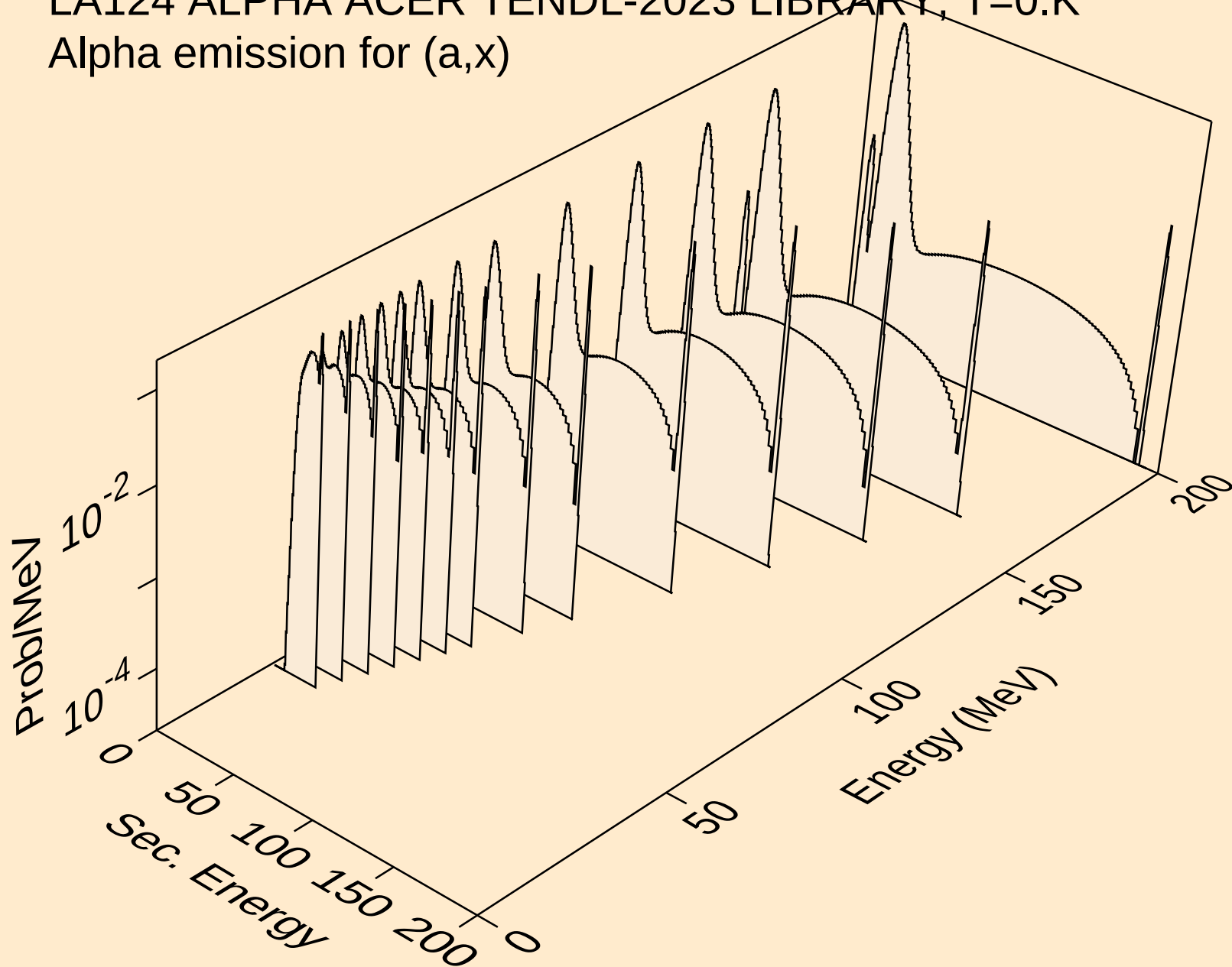


LA124 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



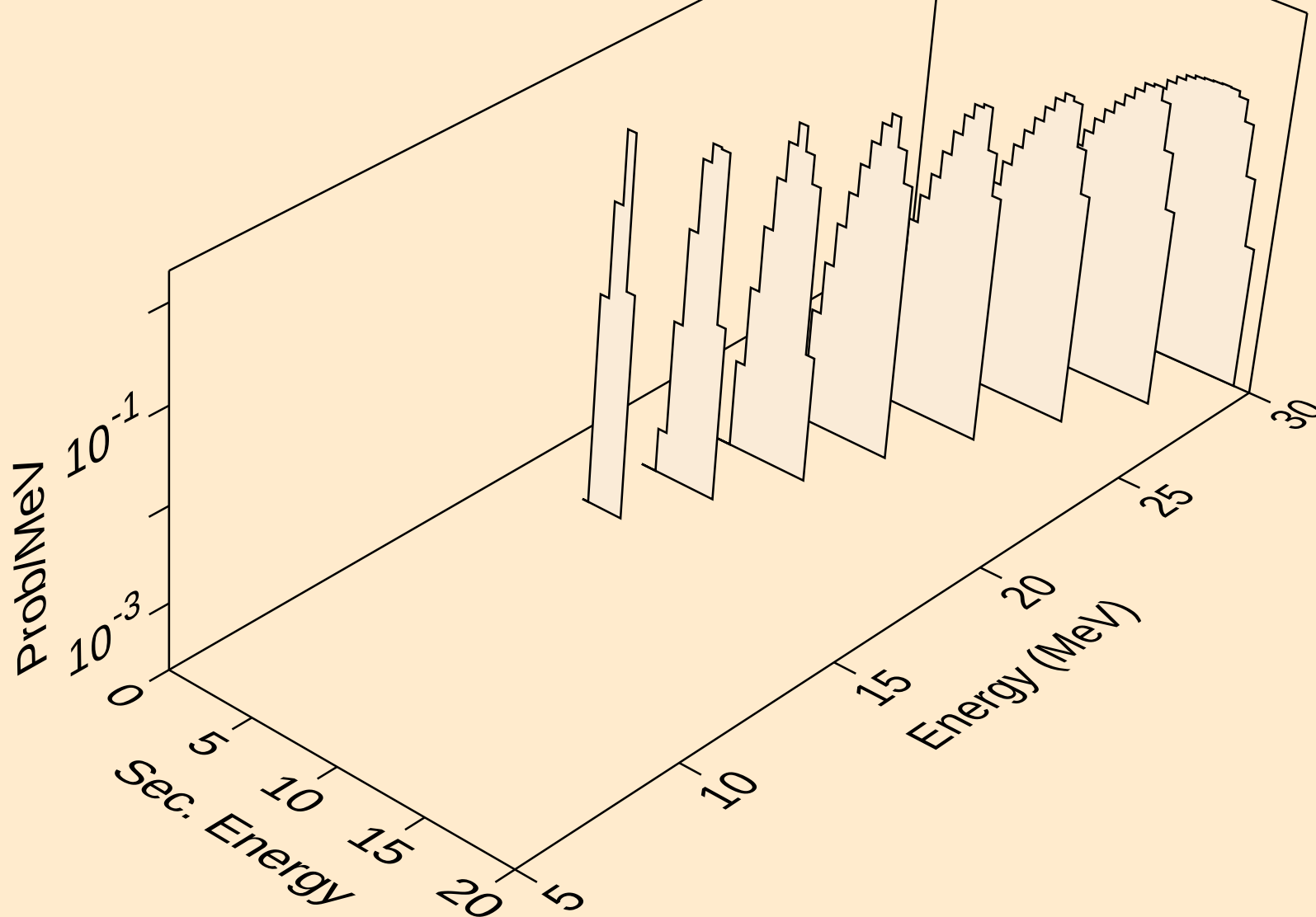
LA124 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,x)



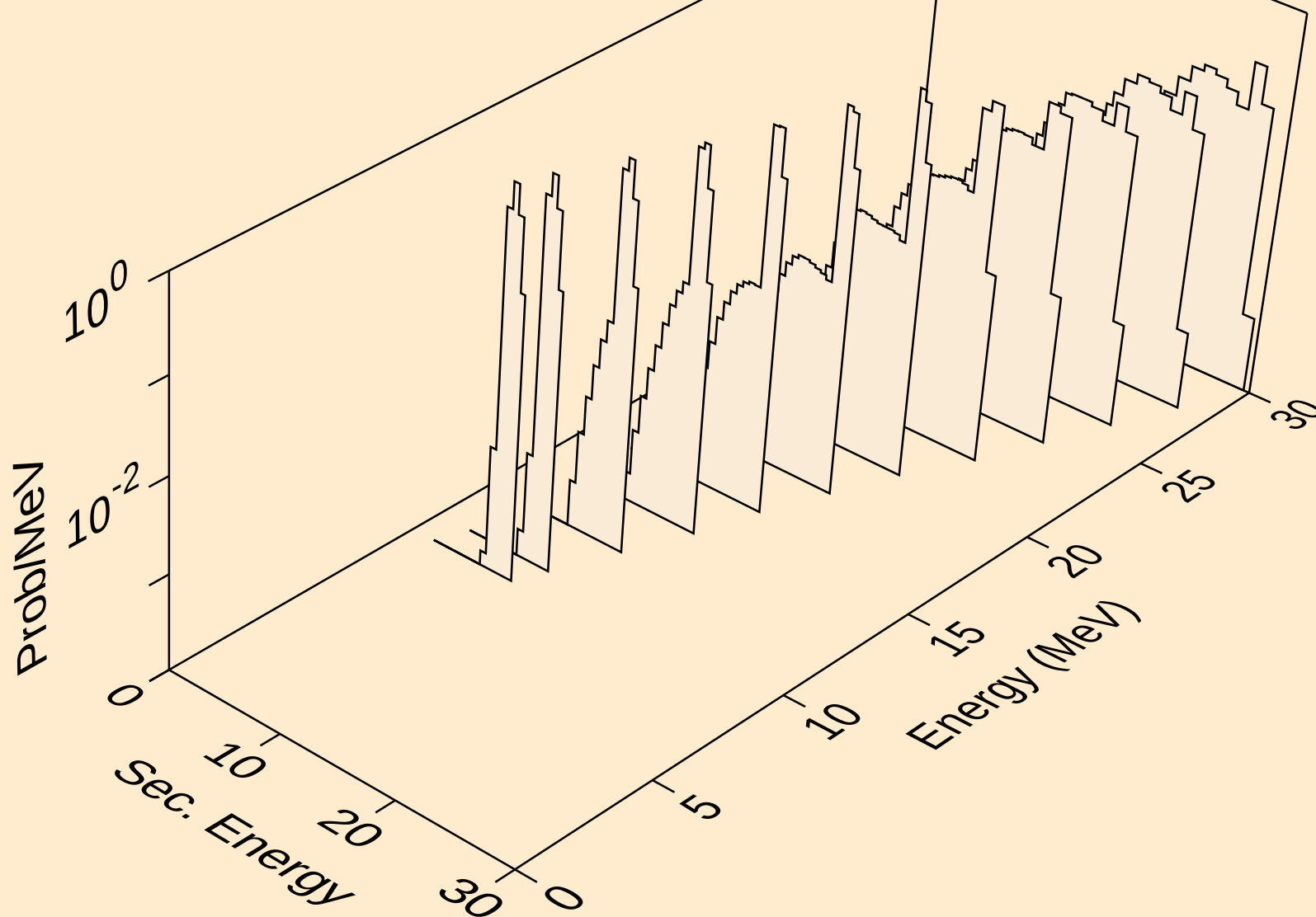
LA124 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,n\*)a



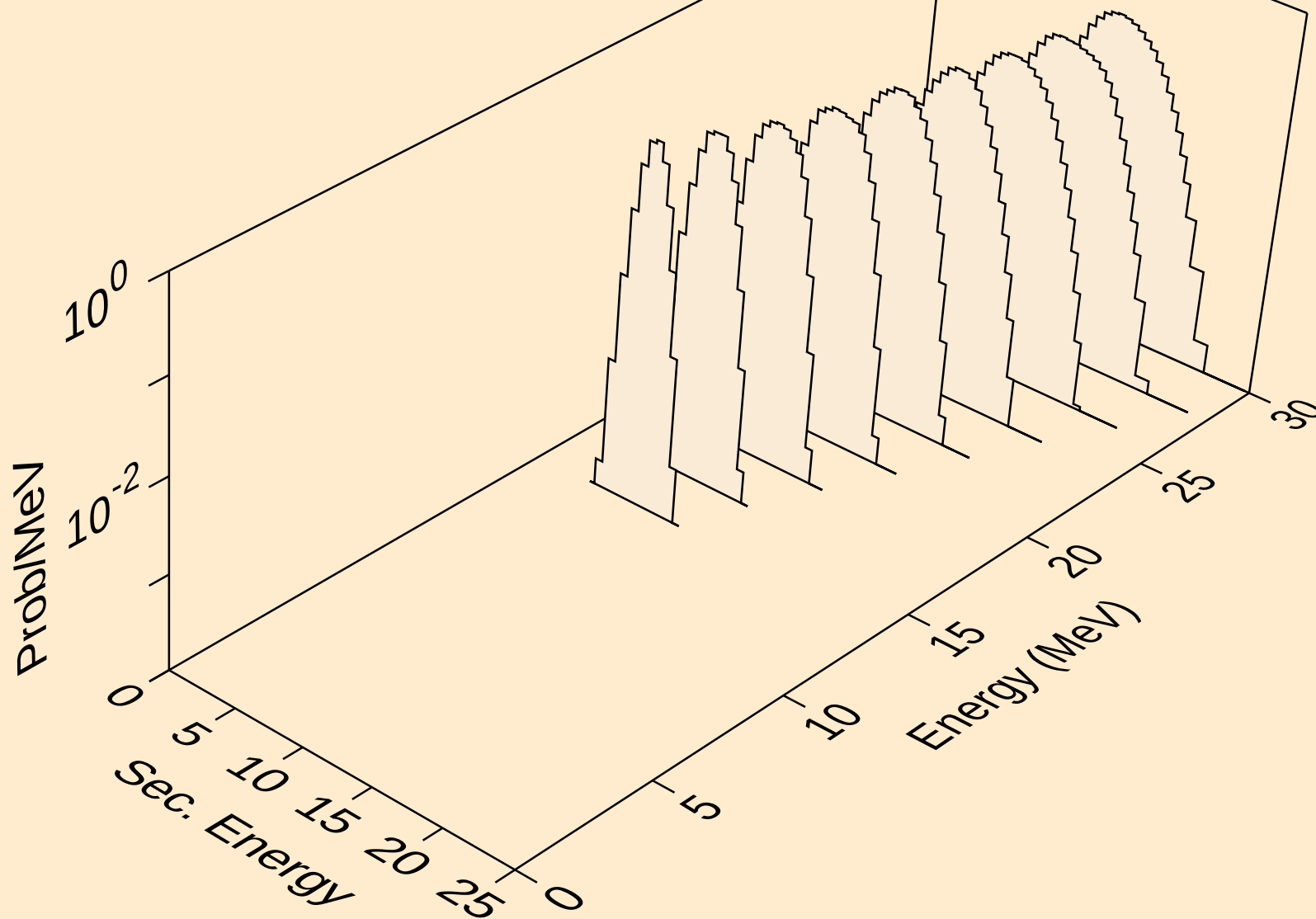
LA124 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for inelastic



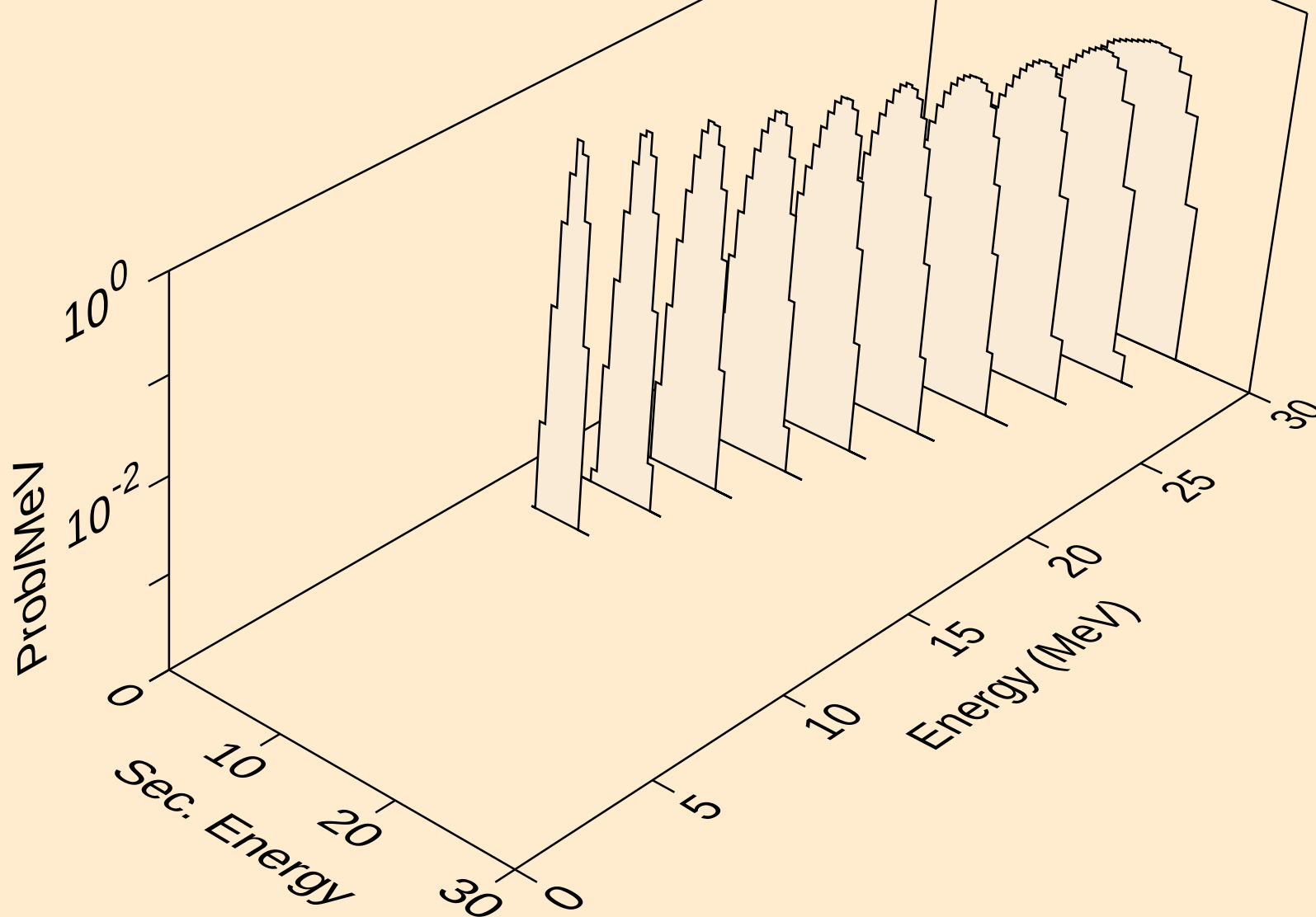
LA124 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,2a)



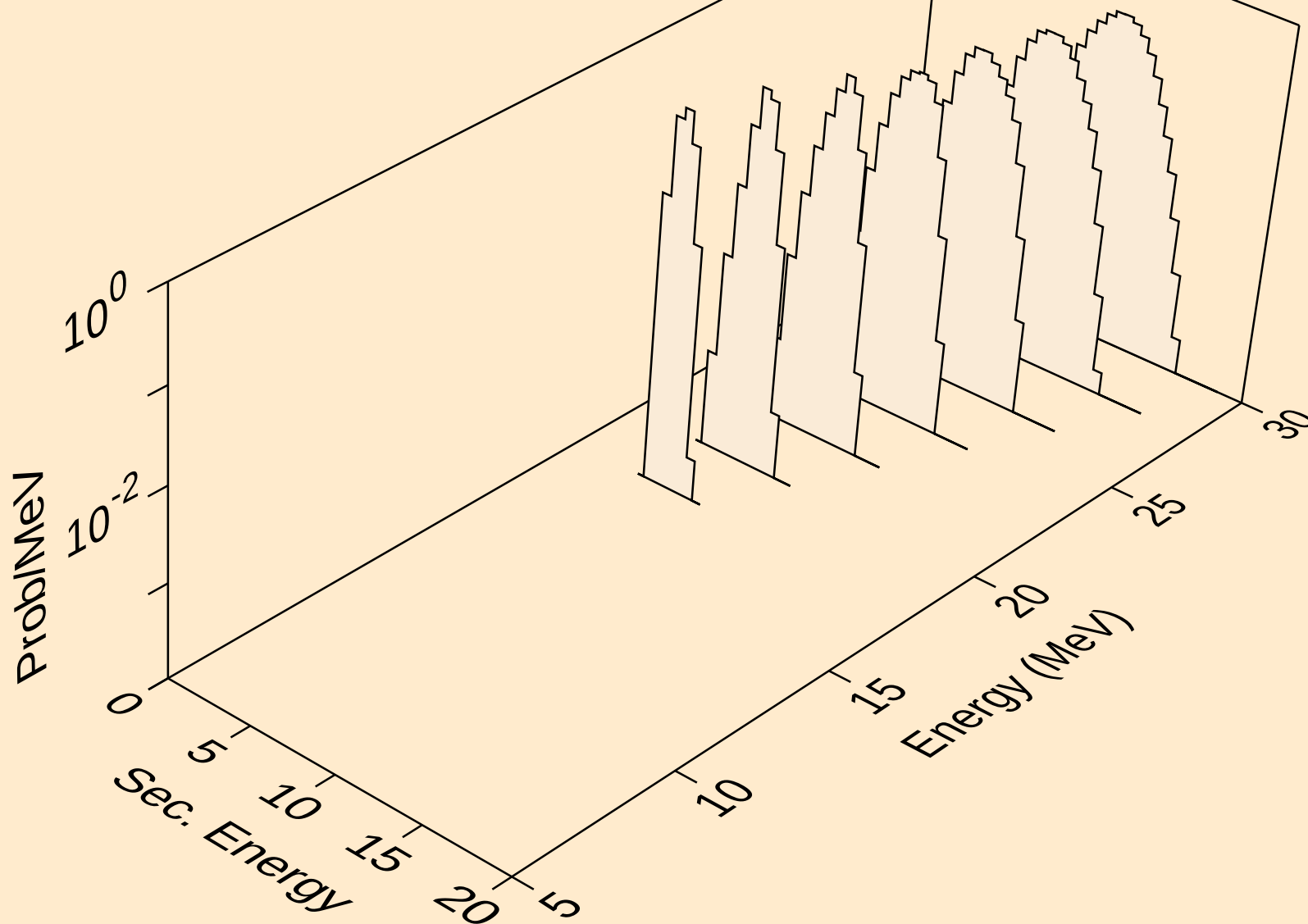
LA124 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,pa)



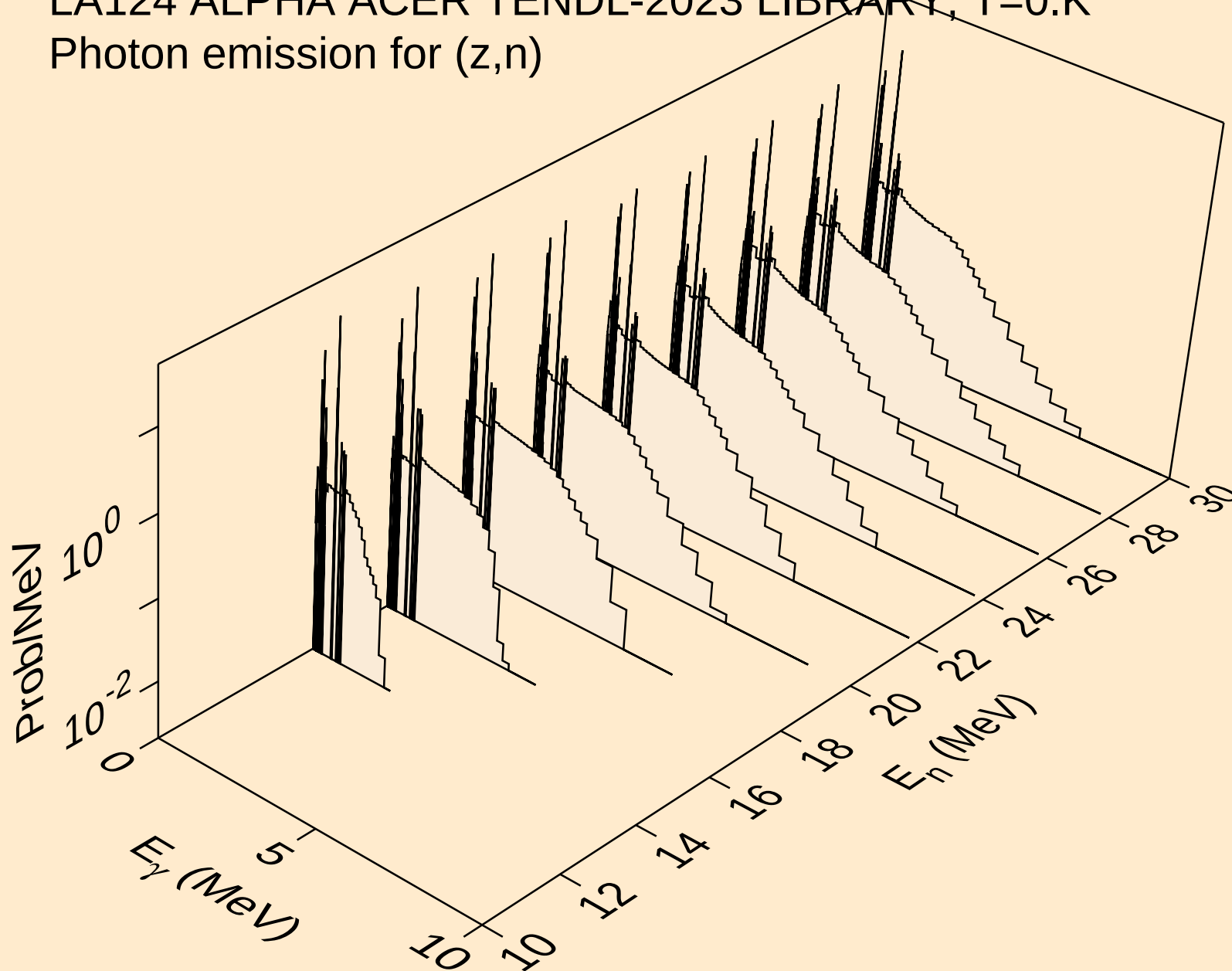
LA124 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,da)



LA124 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

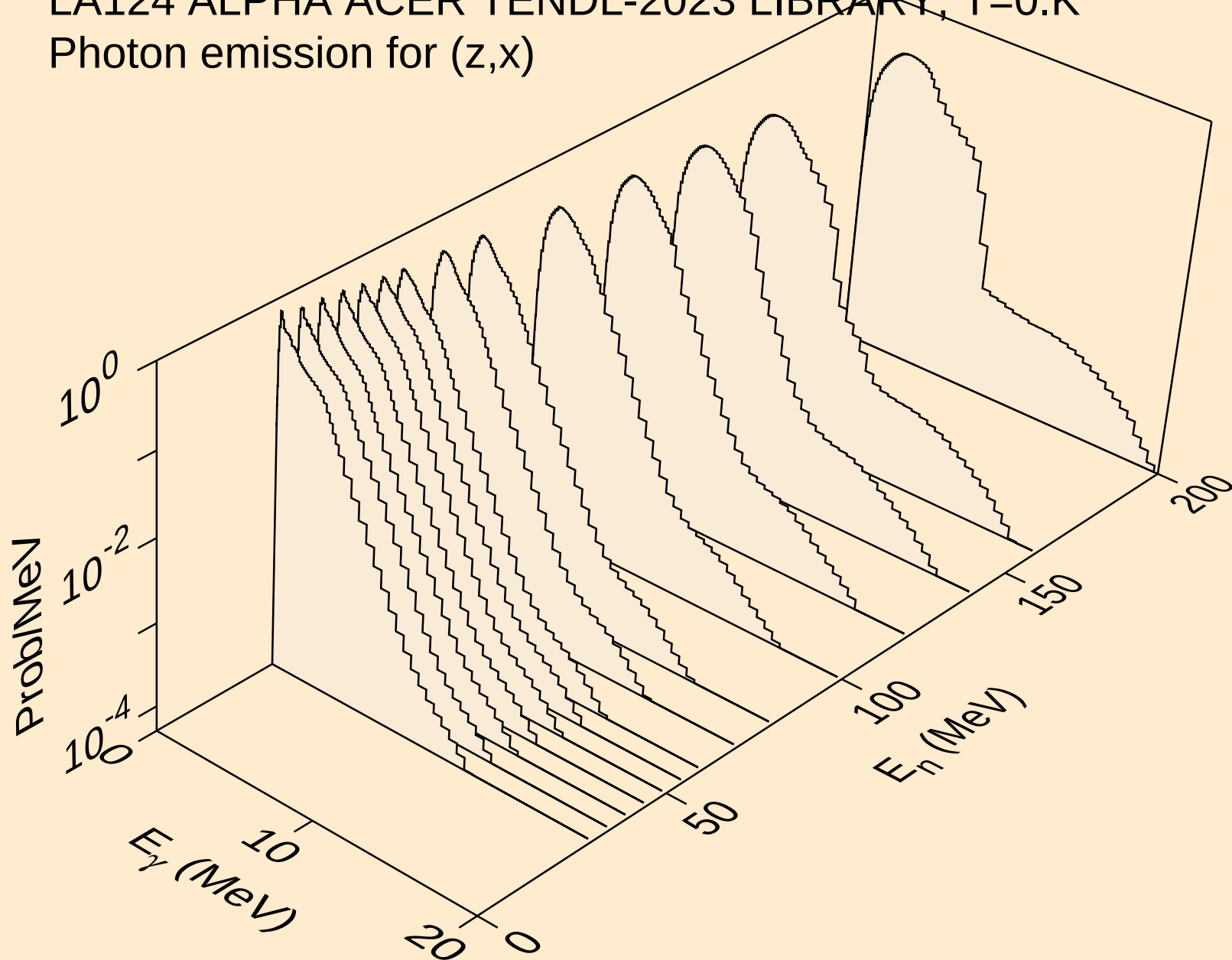
Photon emission for (z,n)



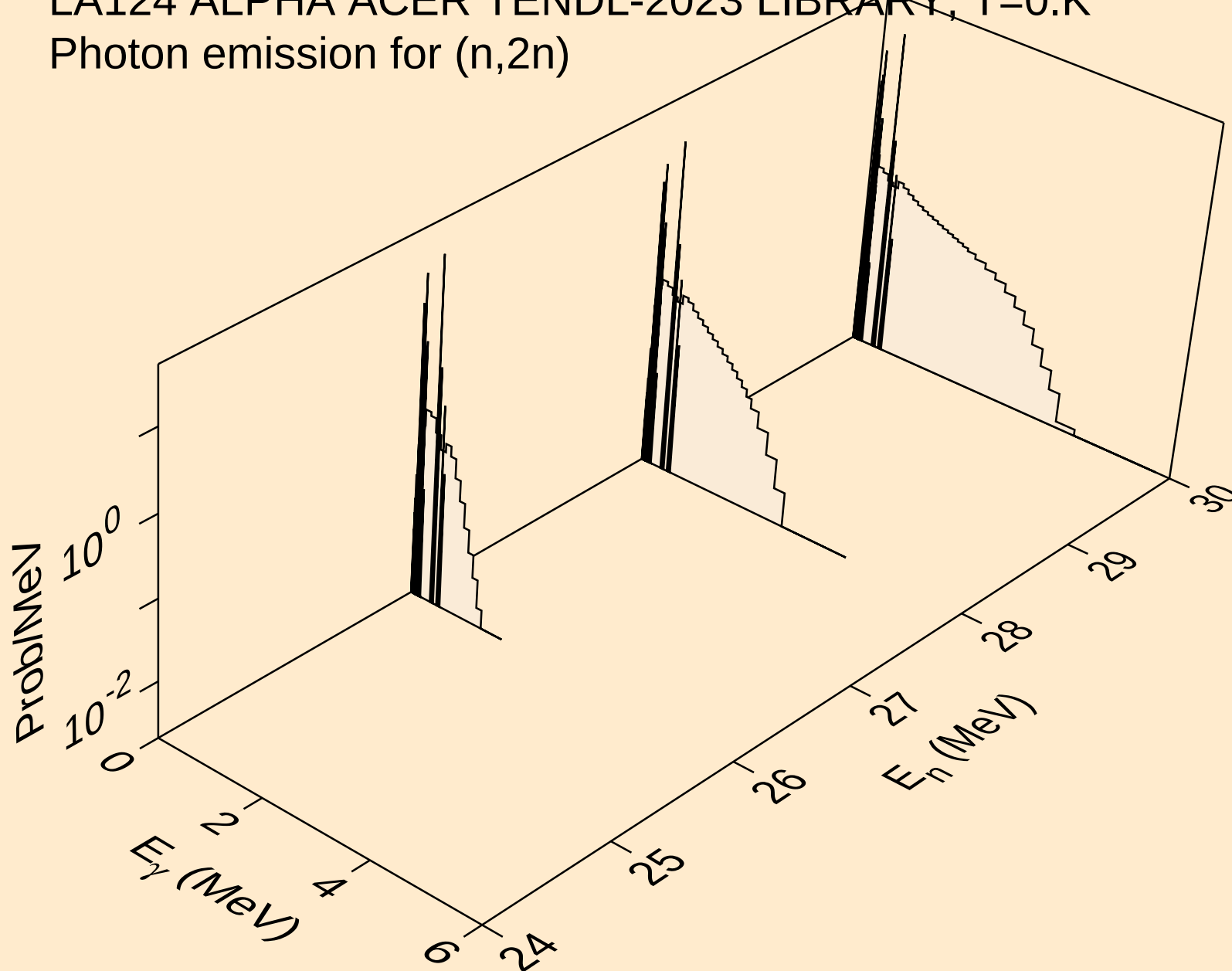


LA124 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (z,x)

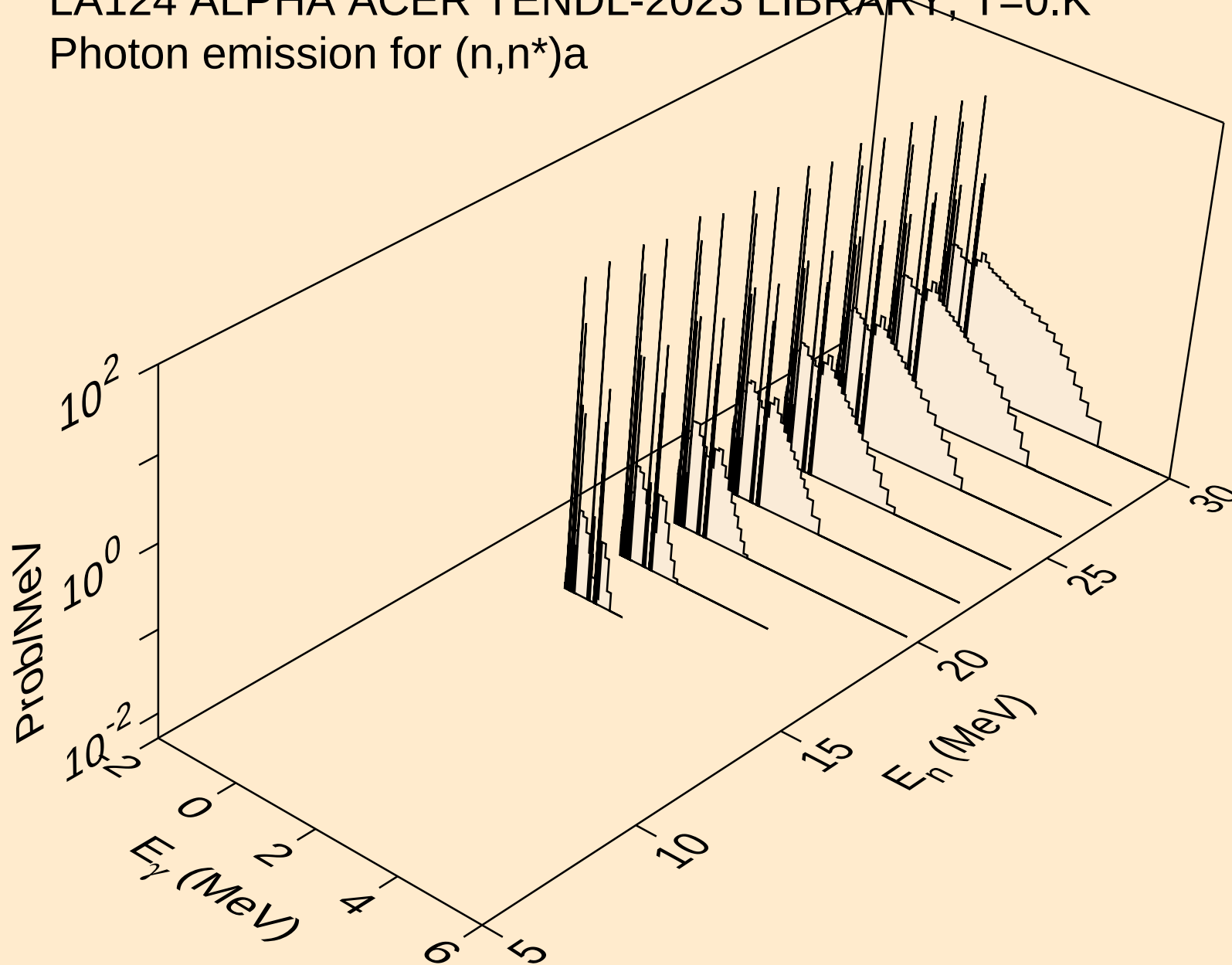


LA124 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



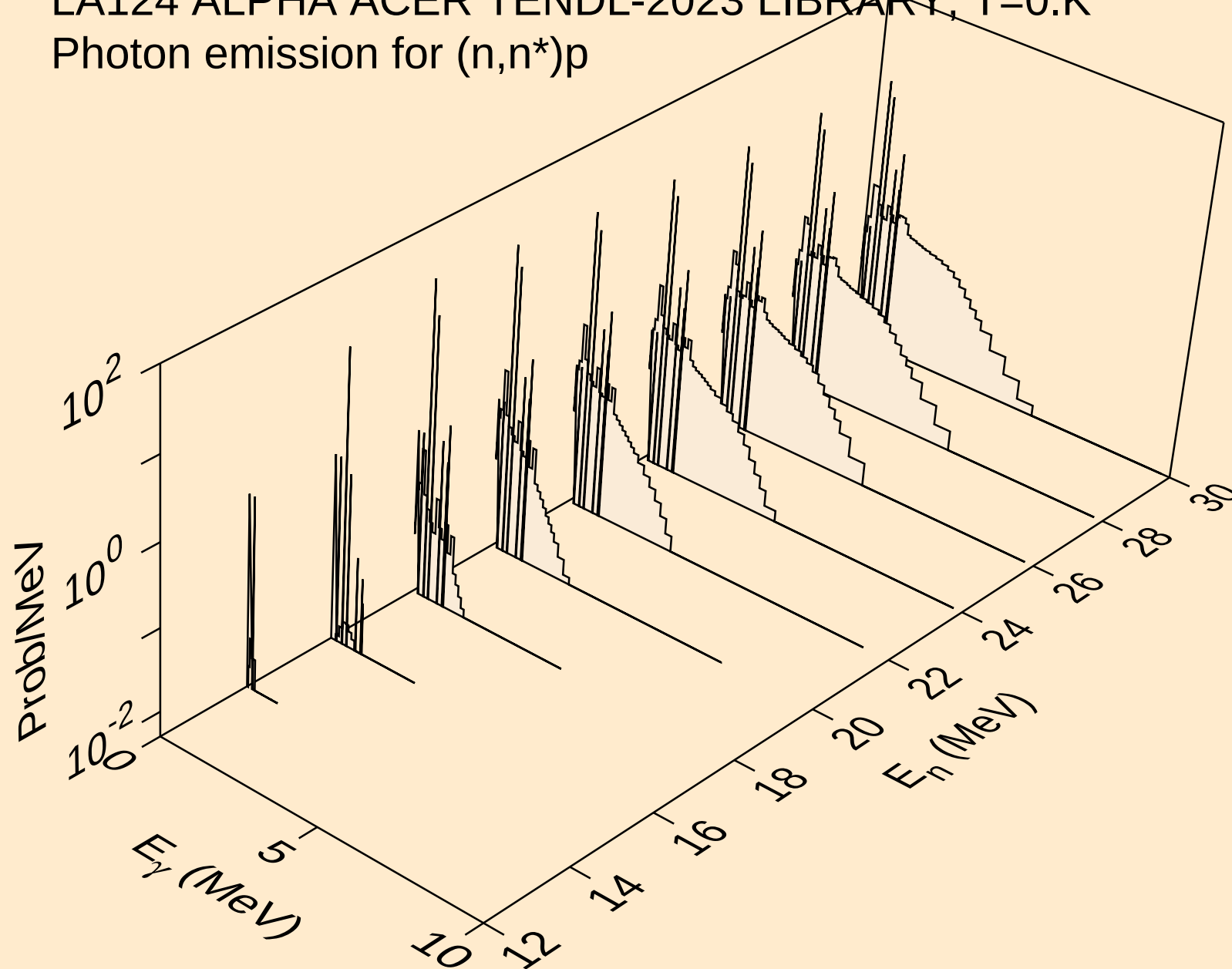
LA124 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n\*)a



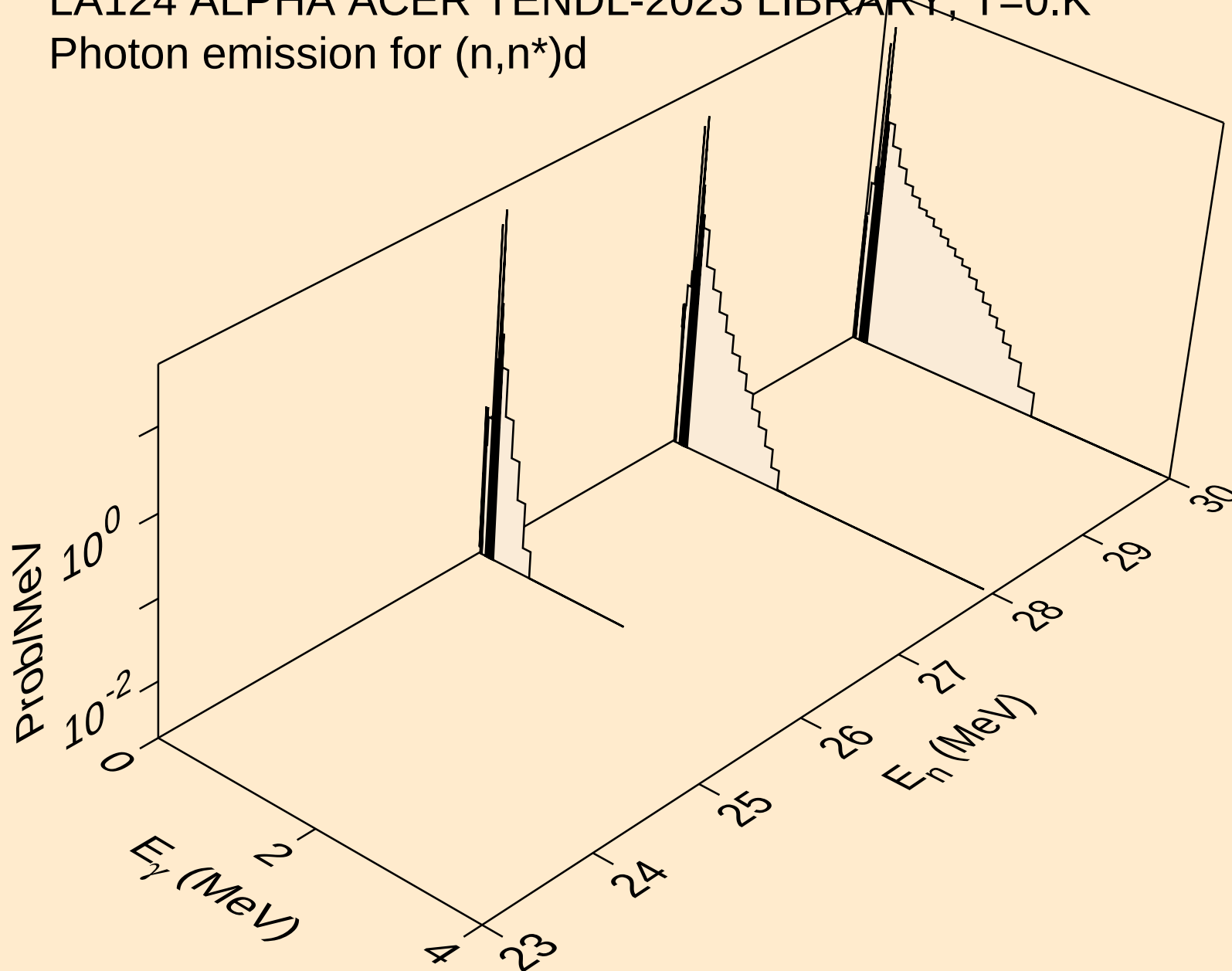
LA124 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n\*)p

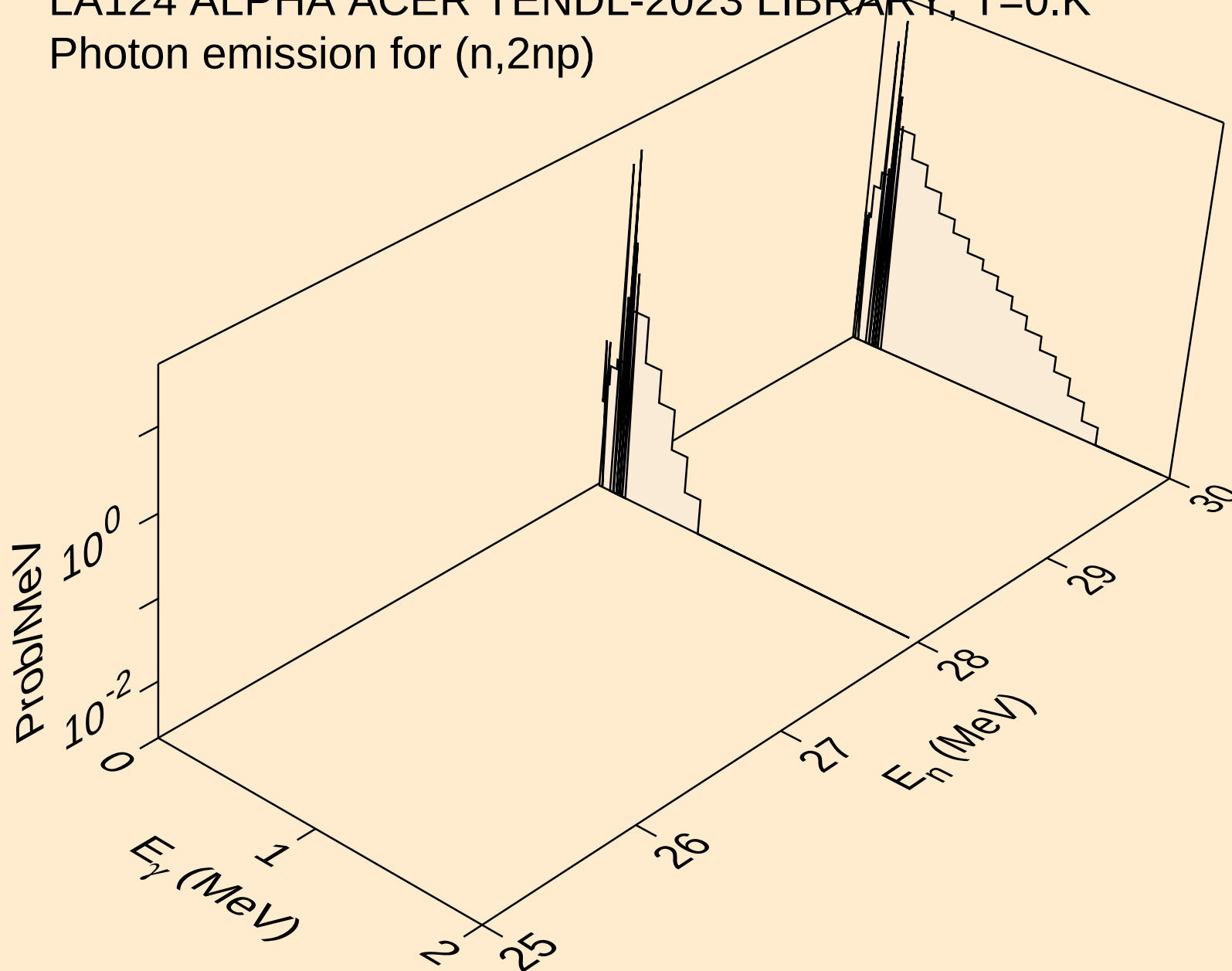


LA124 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n\*)d

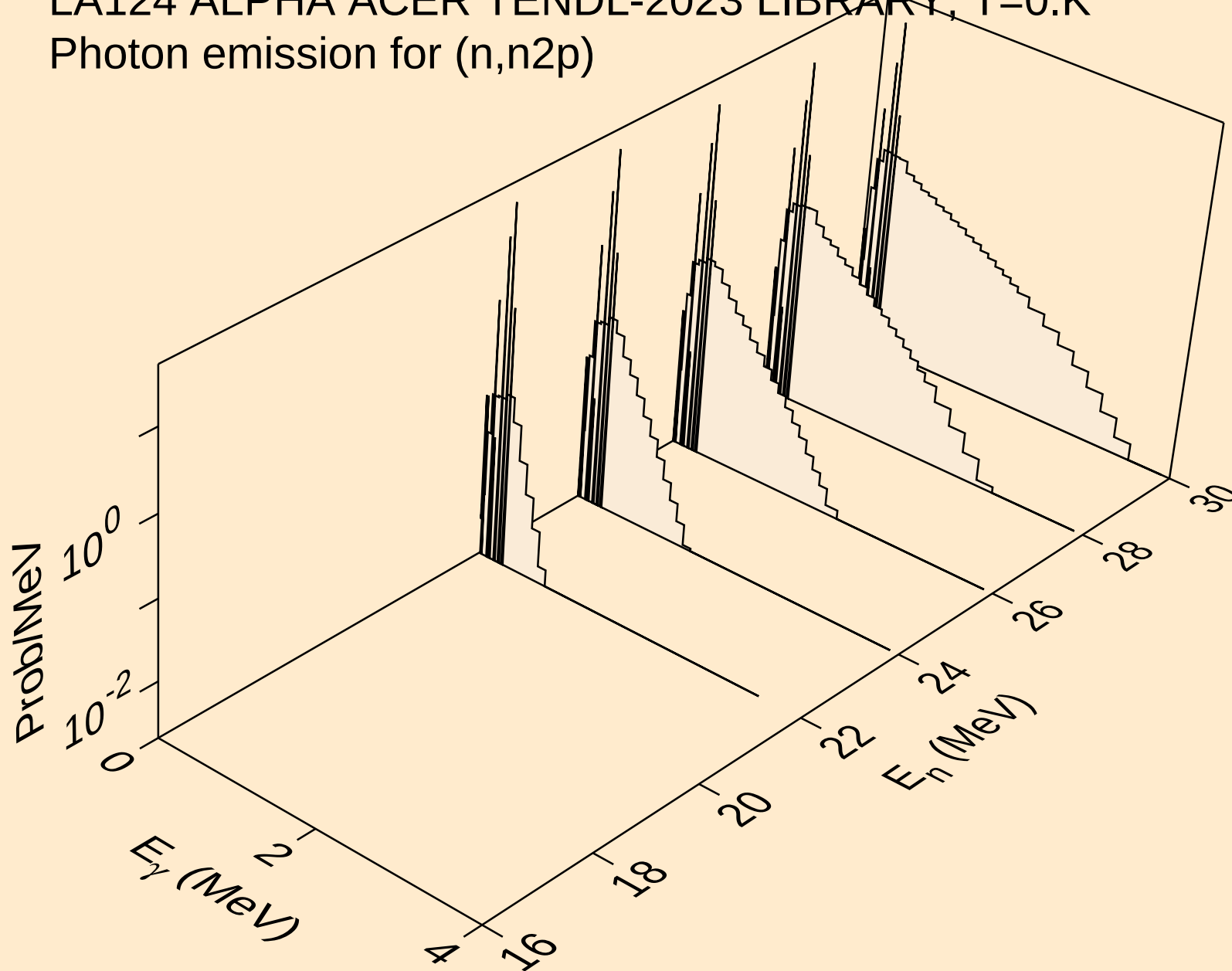


LA124 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



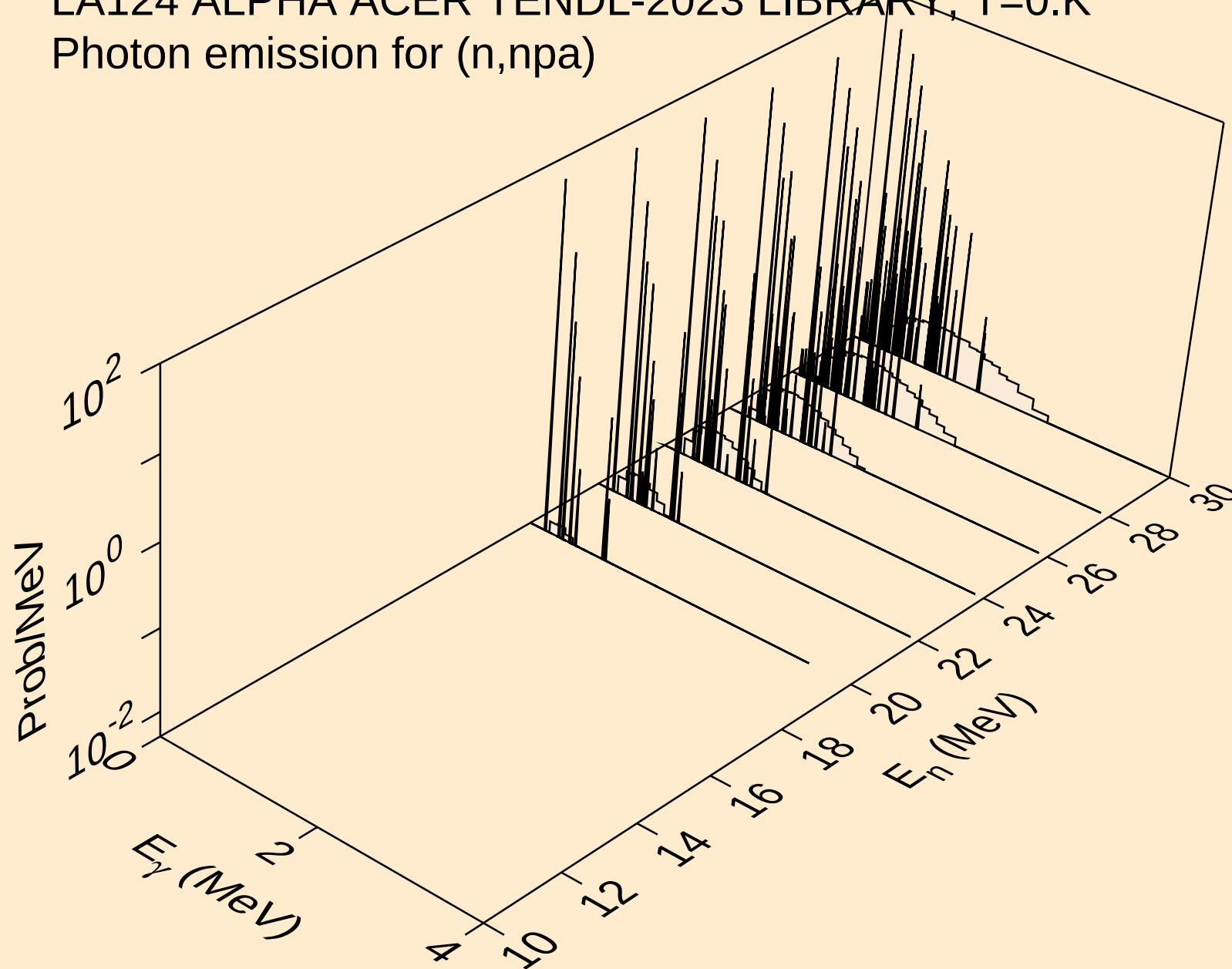
LA124 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n2p)



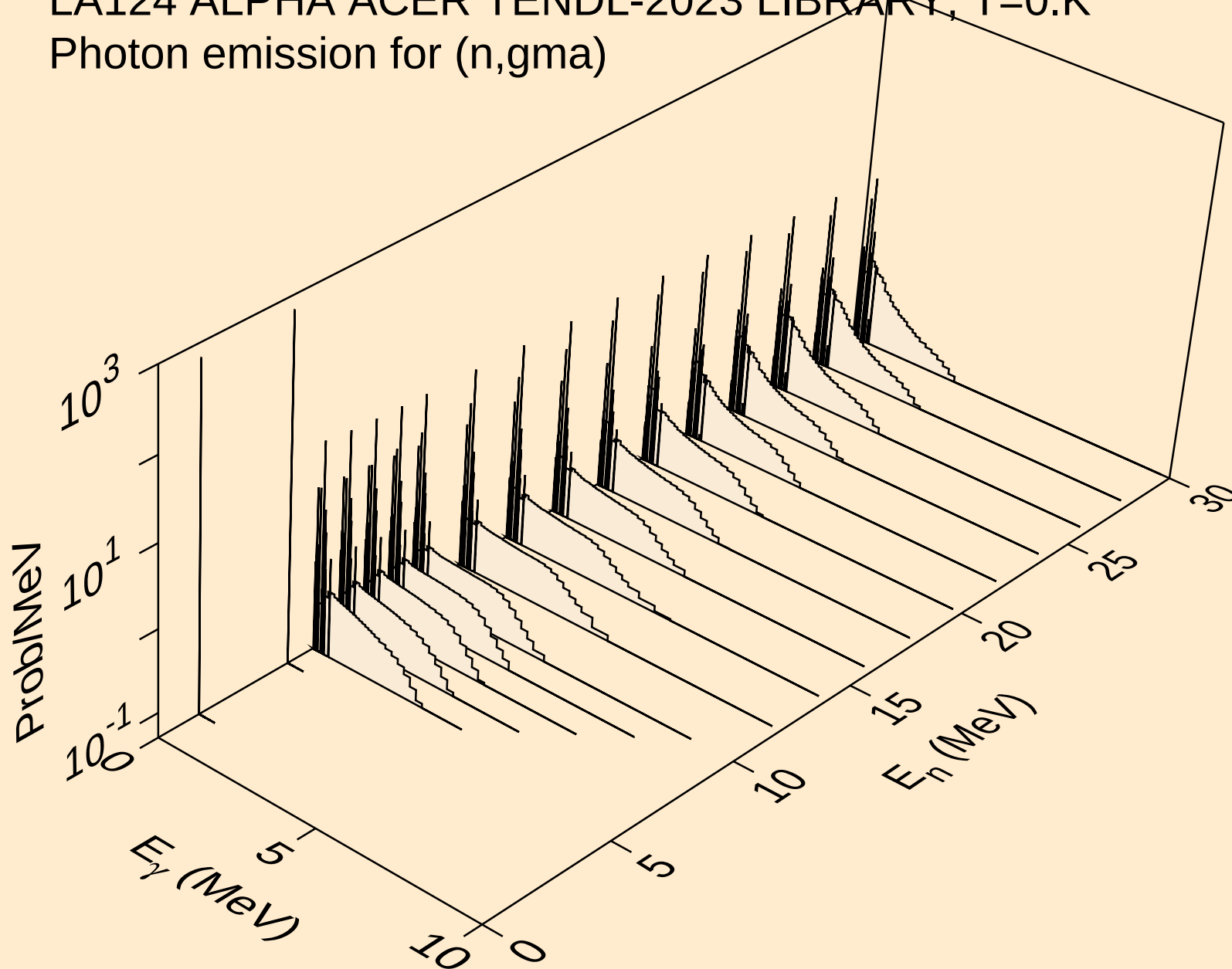
LA124 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,npa)

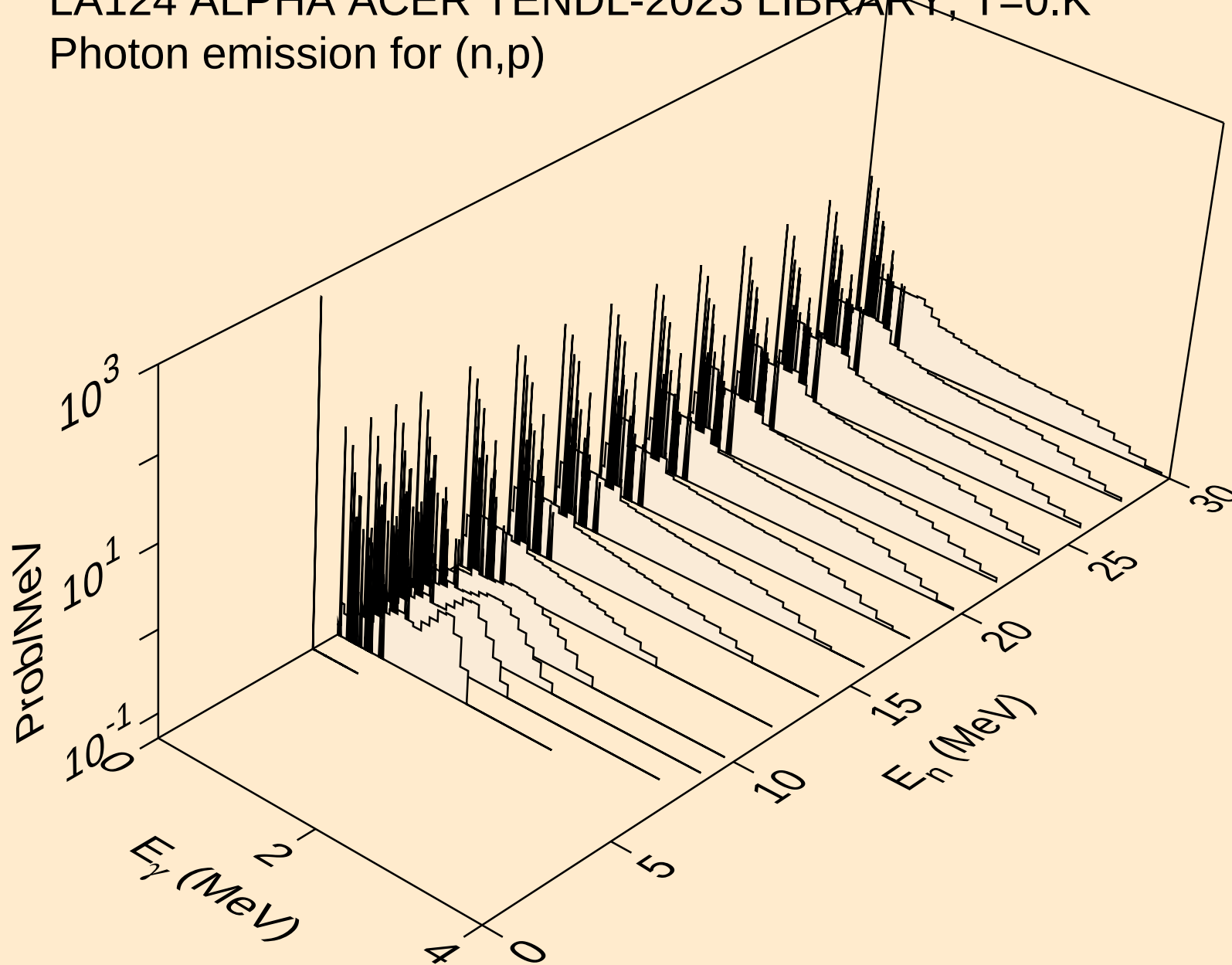




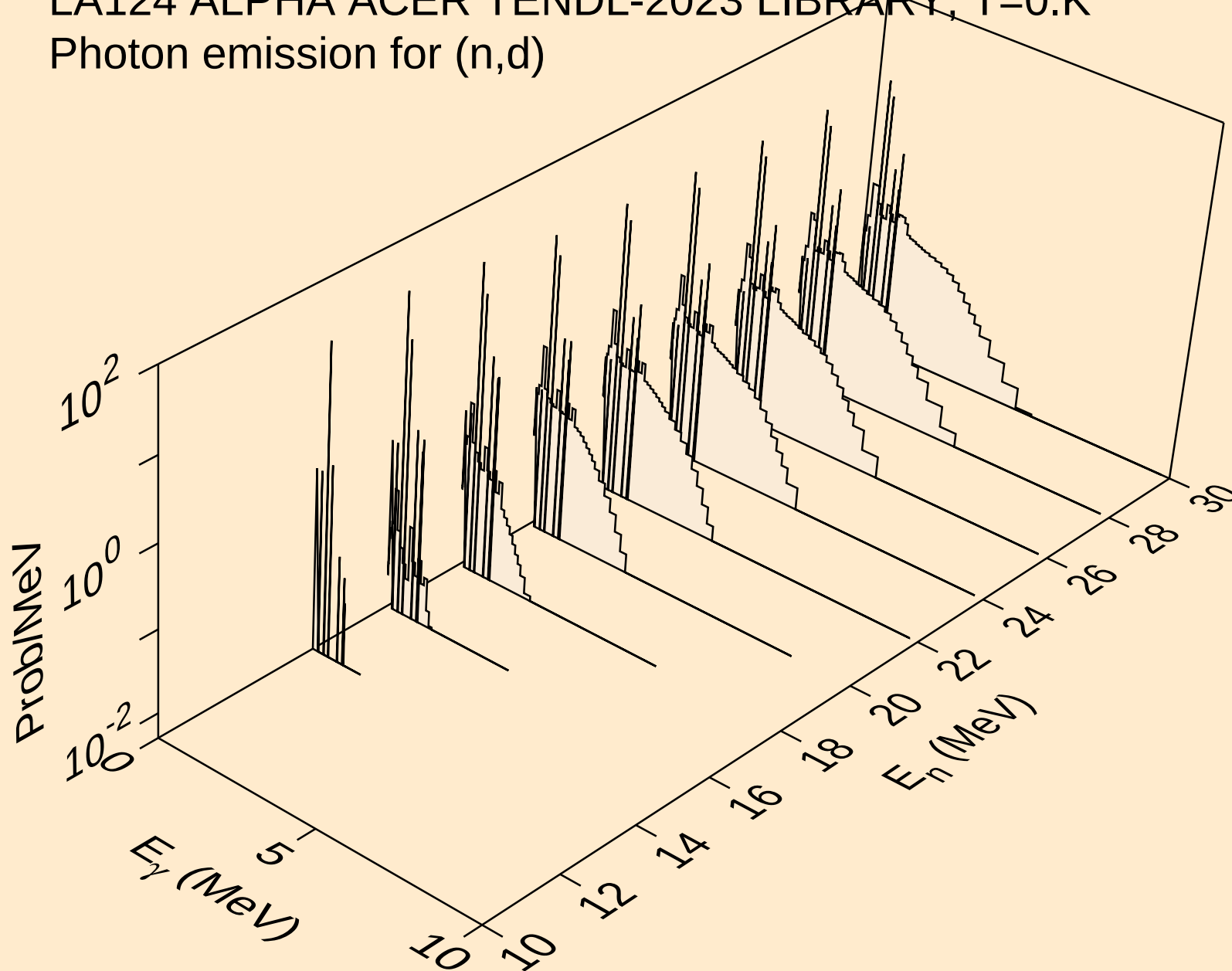
LA124 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



LA124 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)

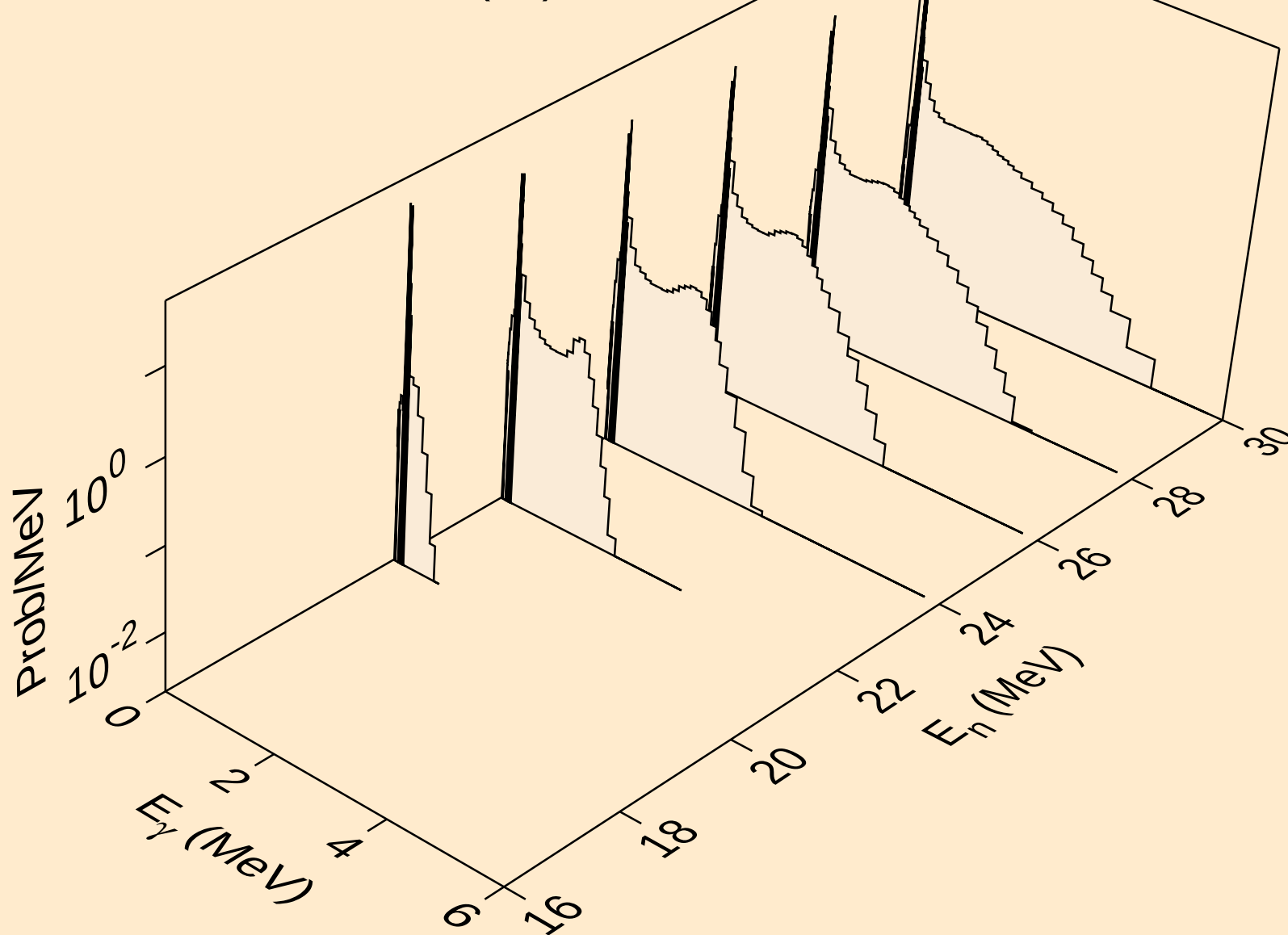


LA124 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)

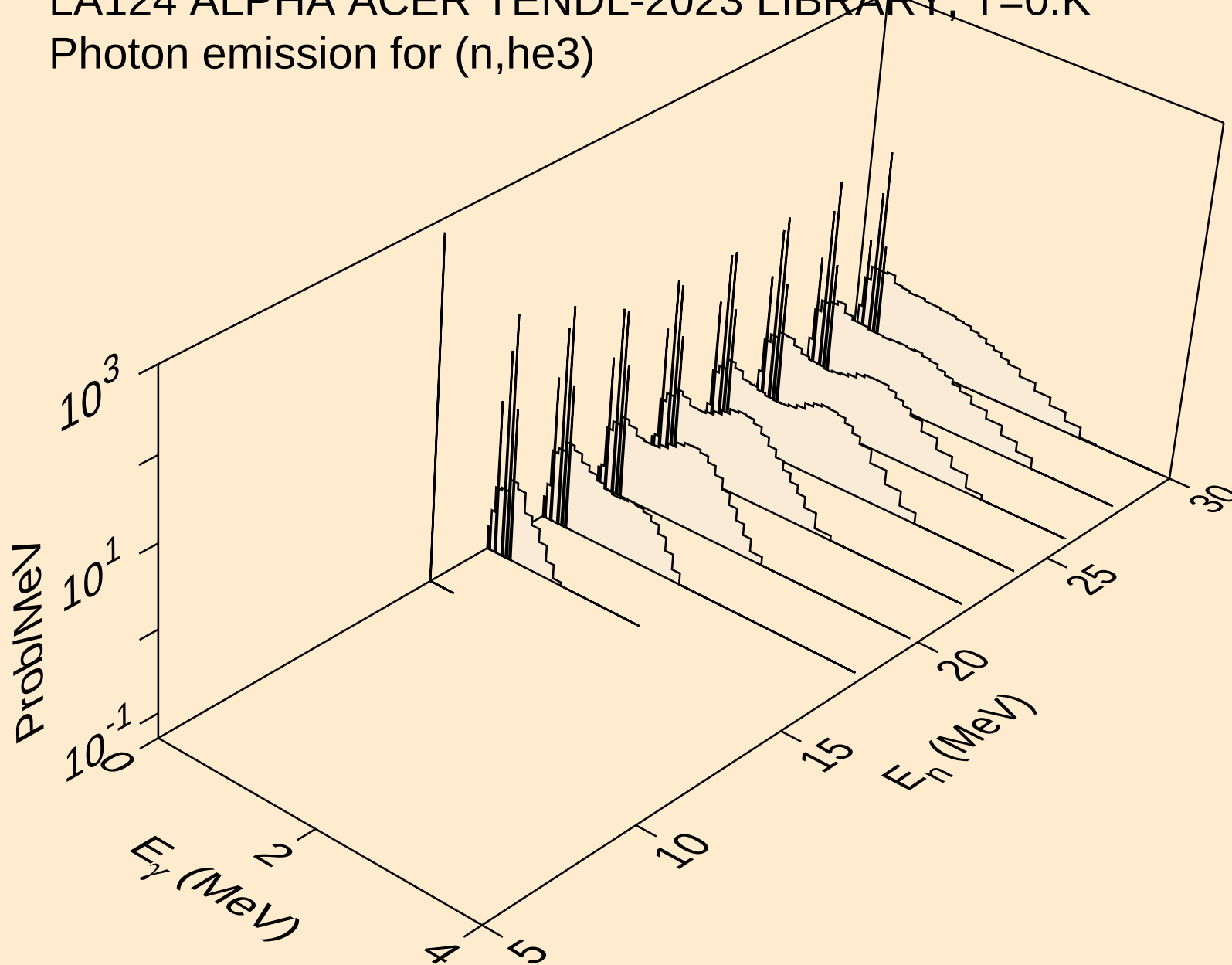


LA124 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,t)

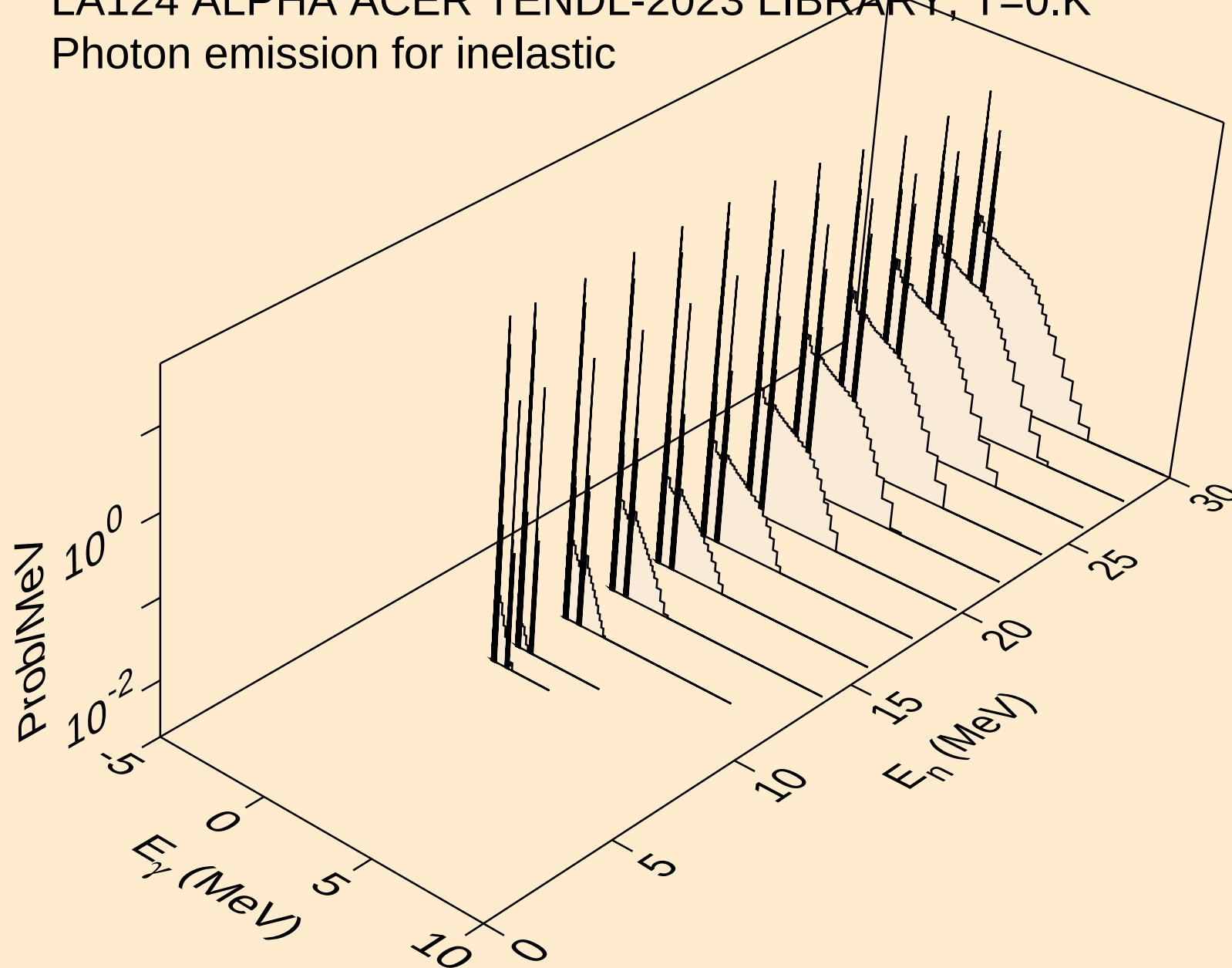


LA124 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



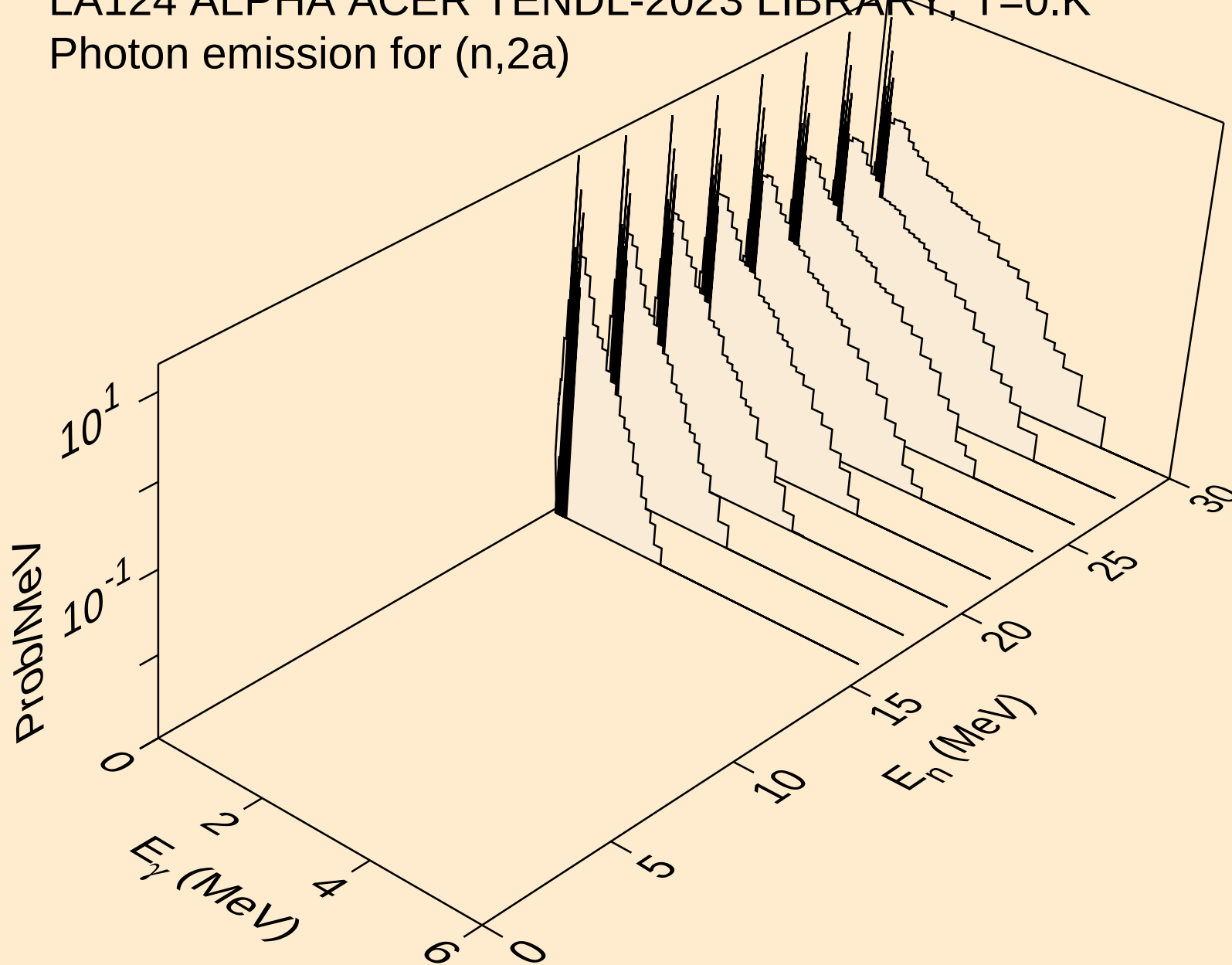
LA124 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for inelastic



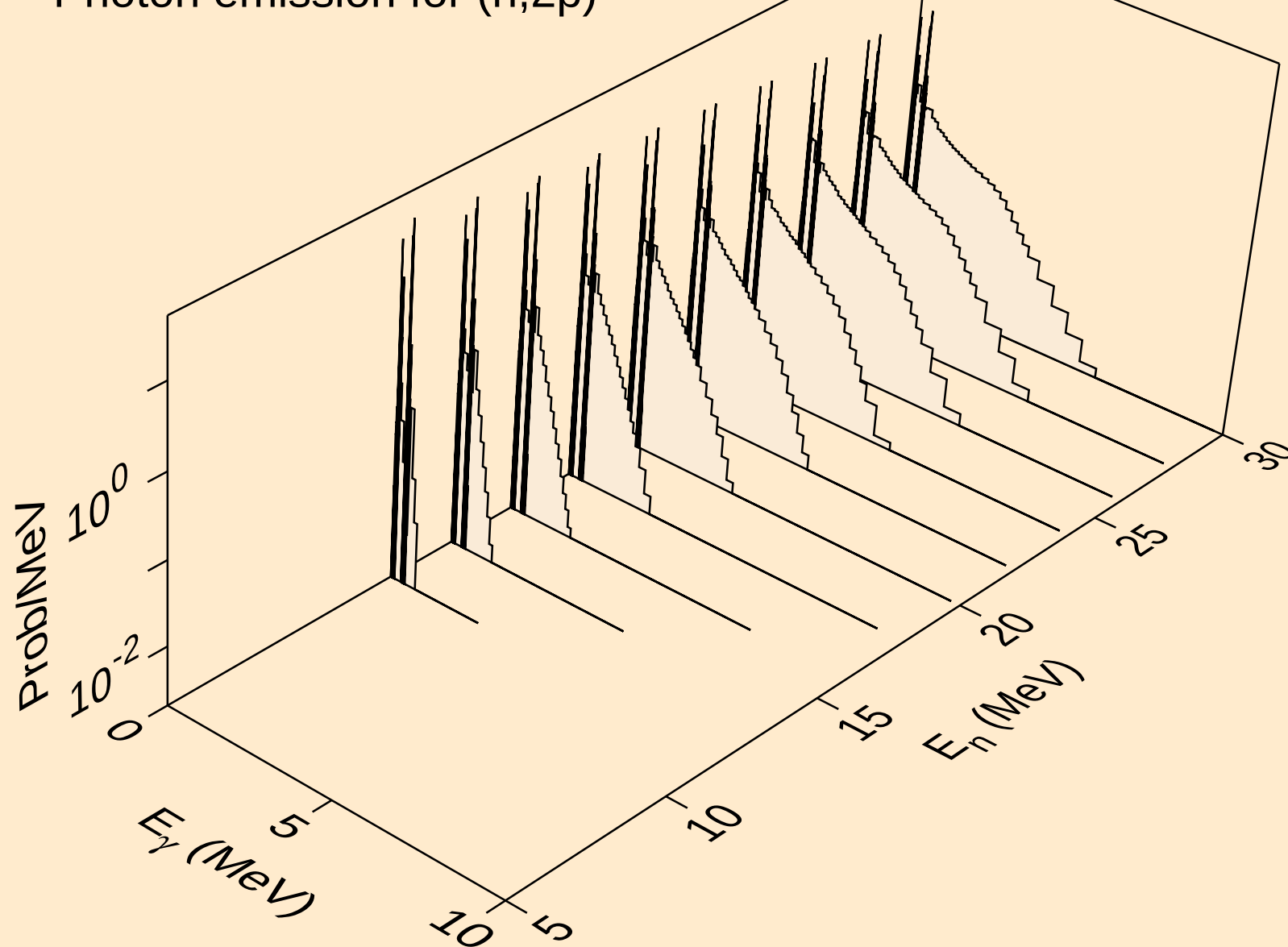
LA124 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,2a)



LA124 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

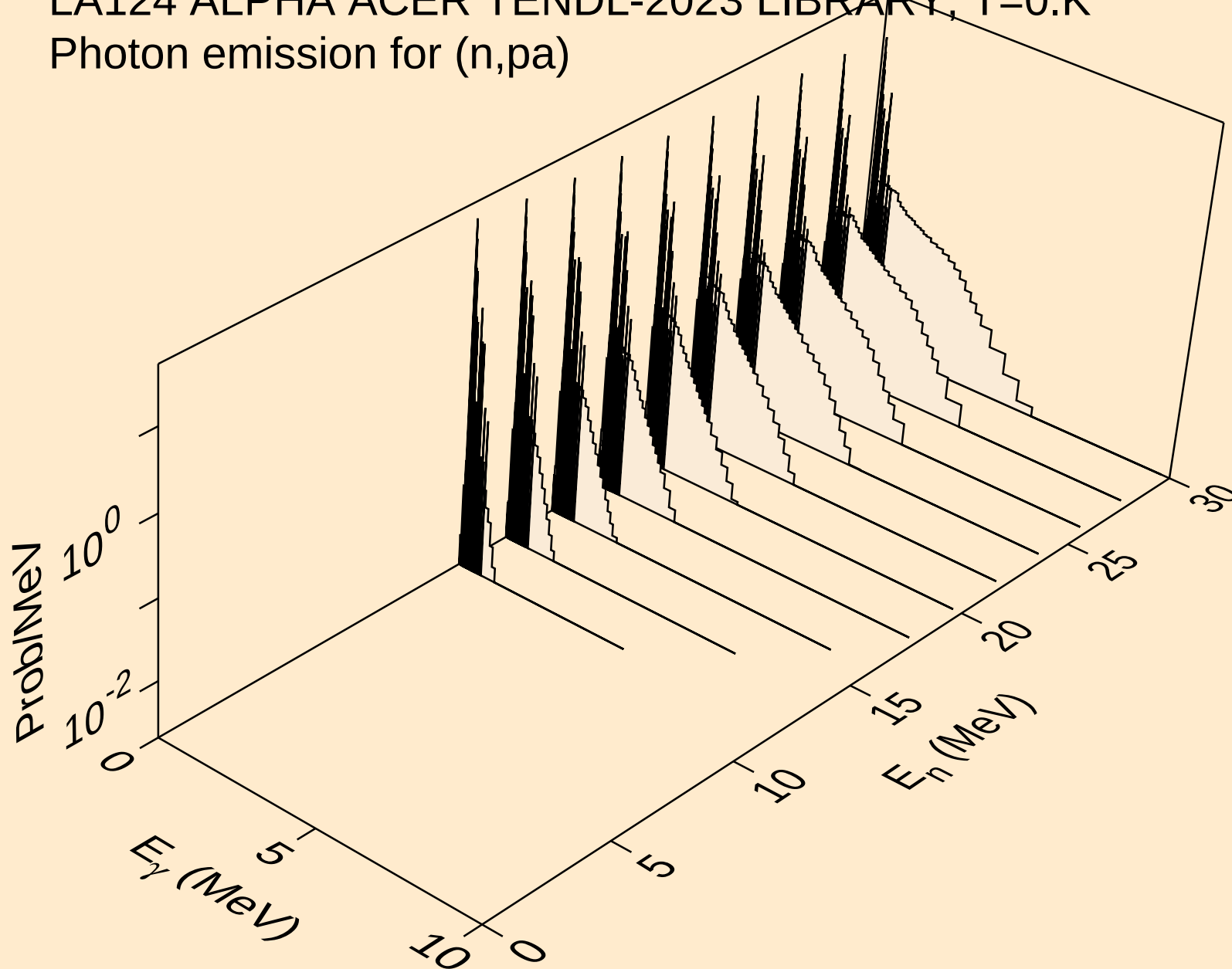
Photon emission for (n,2p)





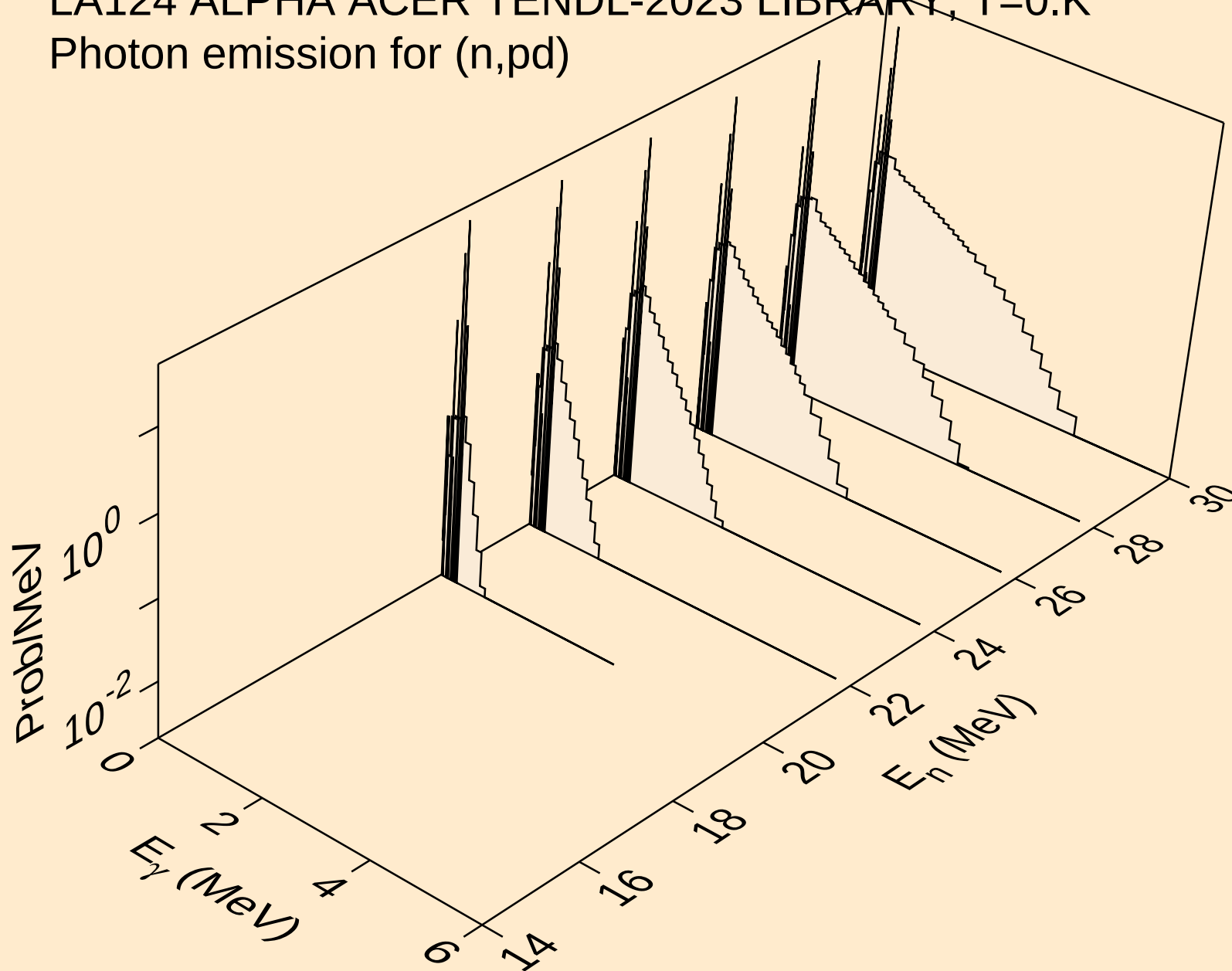
LA124 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,pa)



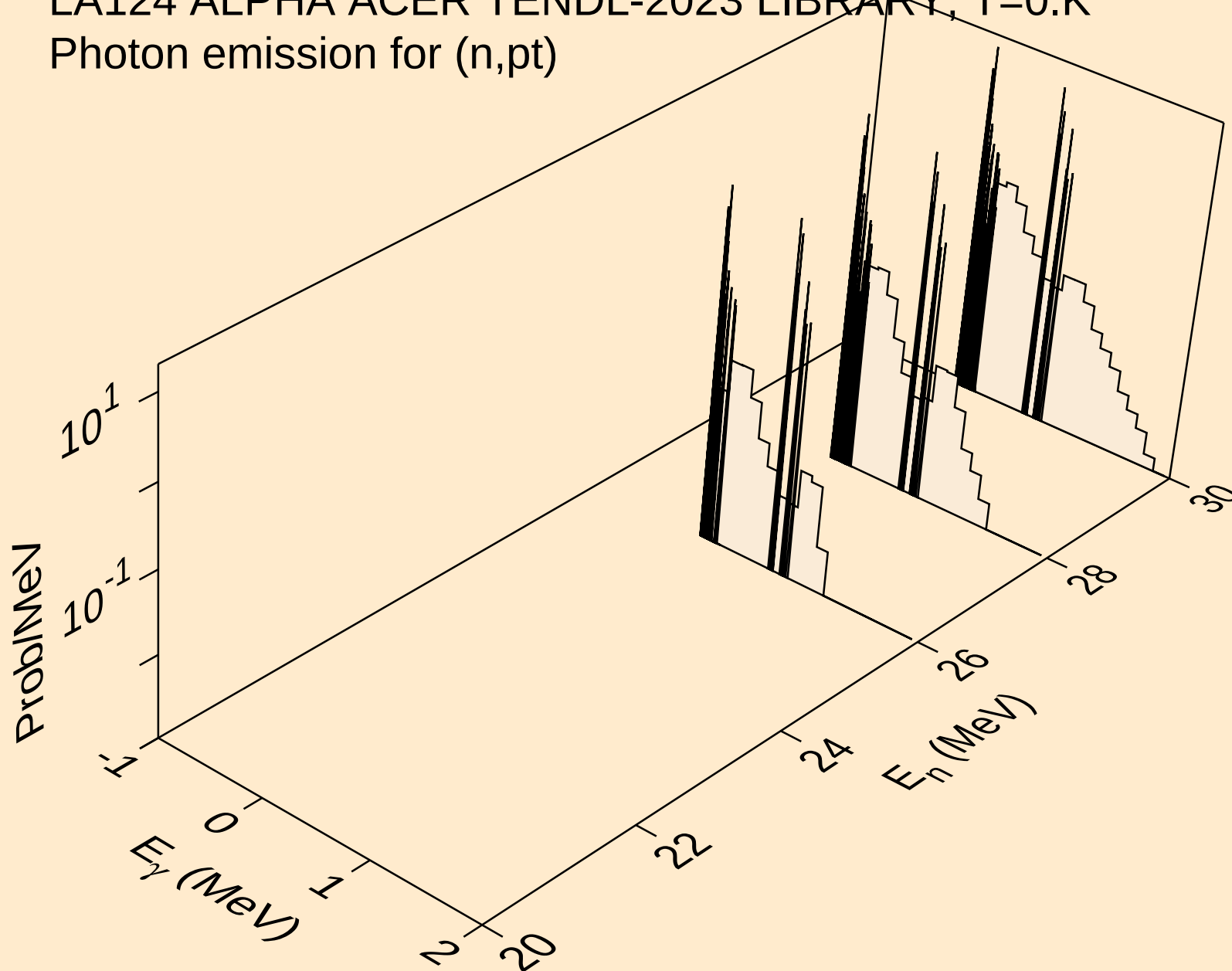
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Photon emission for (n,pd)

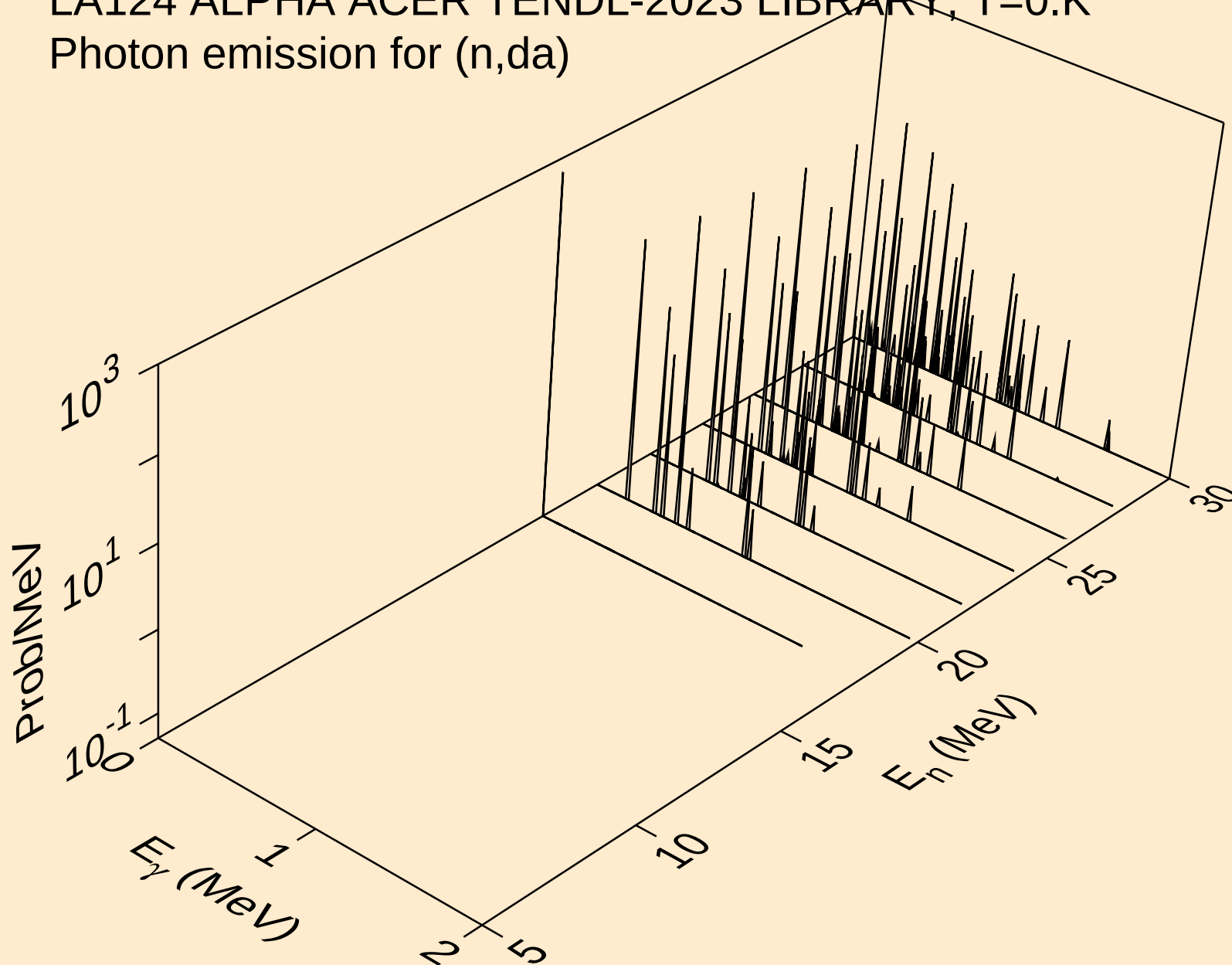


LA124 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,pt)

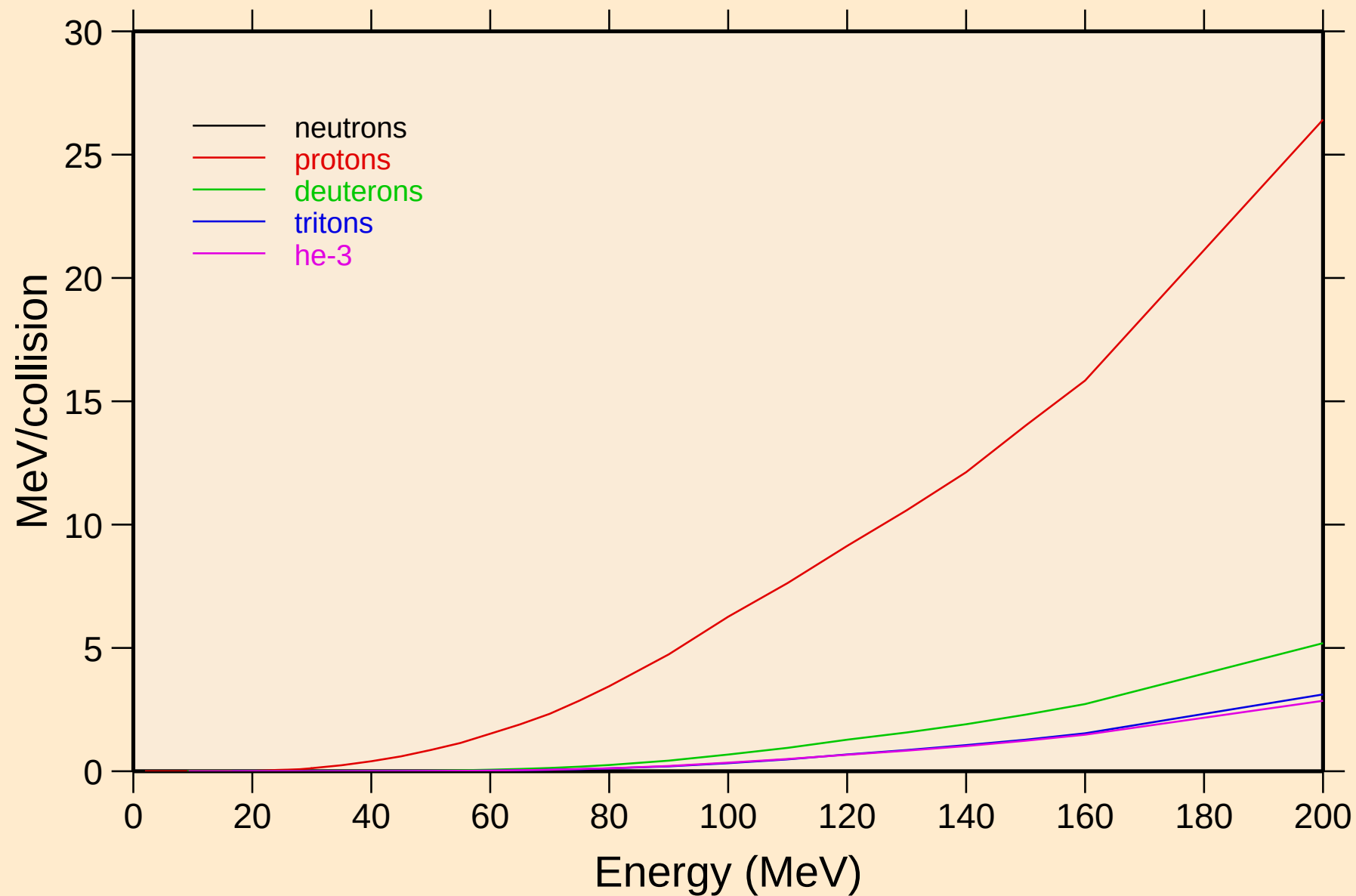


LA124 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



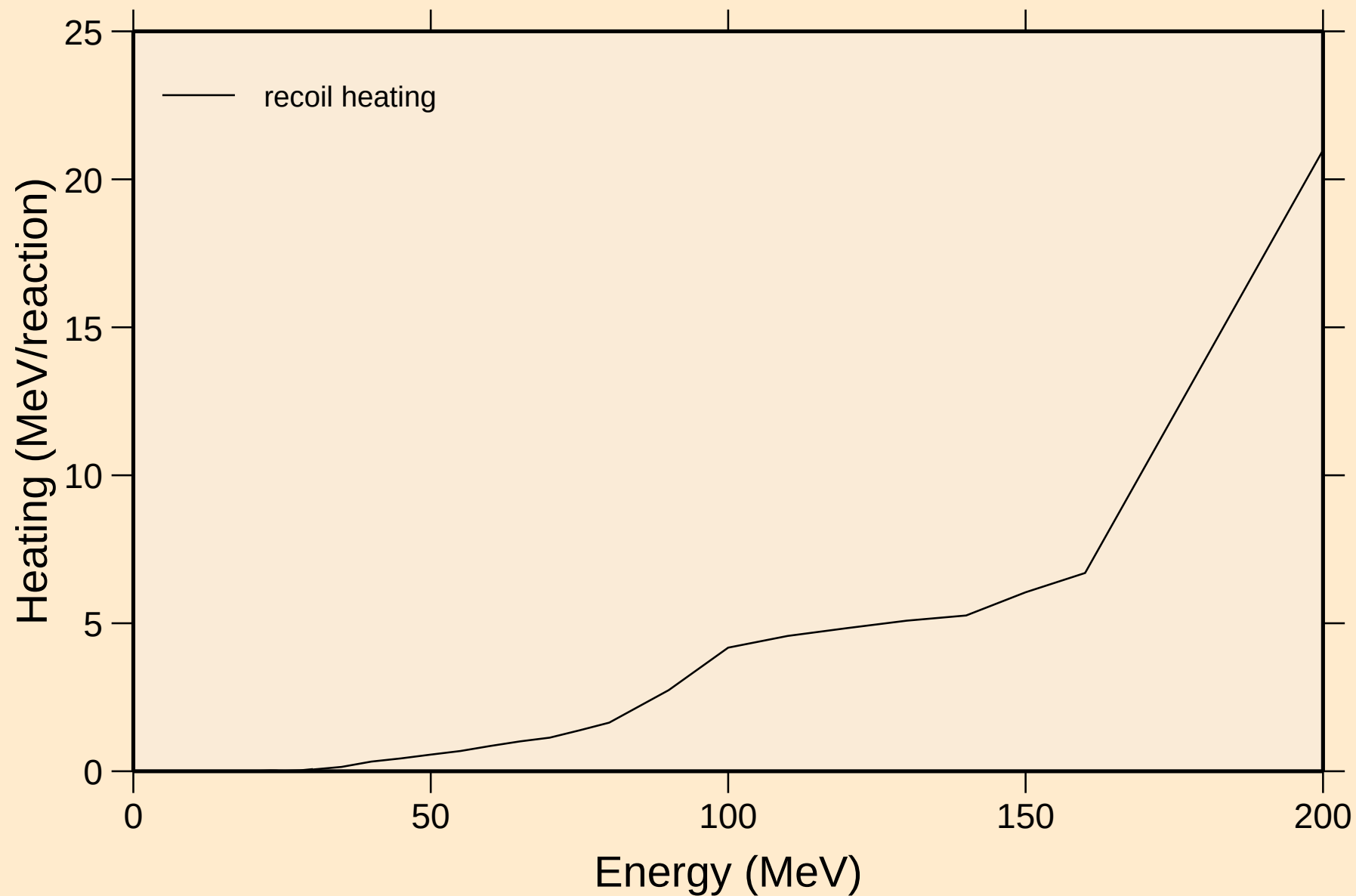
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## Particle heating contributions



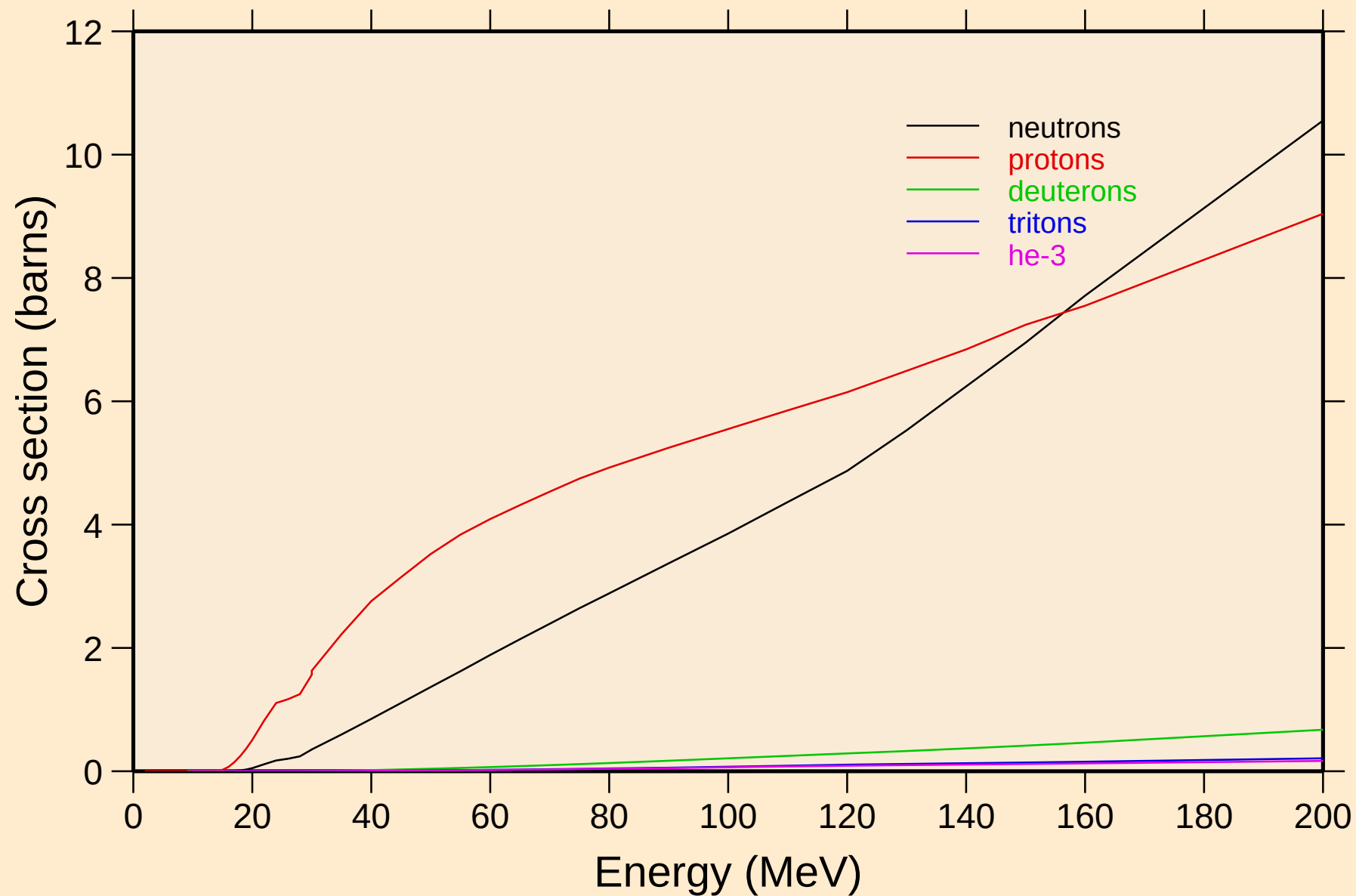
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Recoil Heating

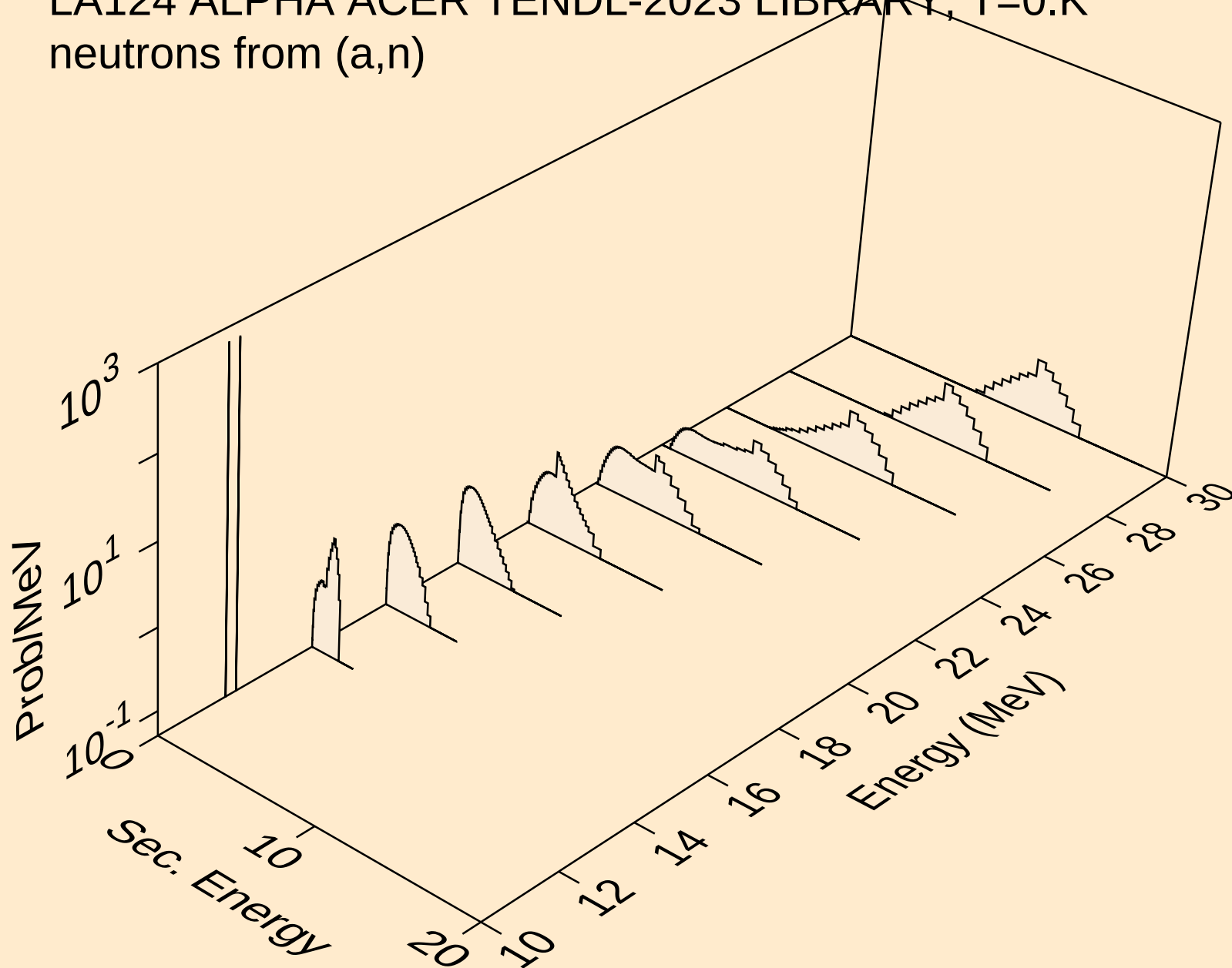


# LA124 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Particle production cross sections

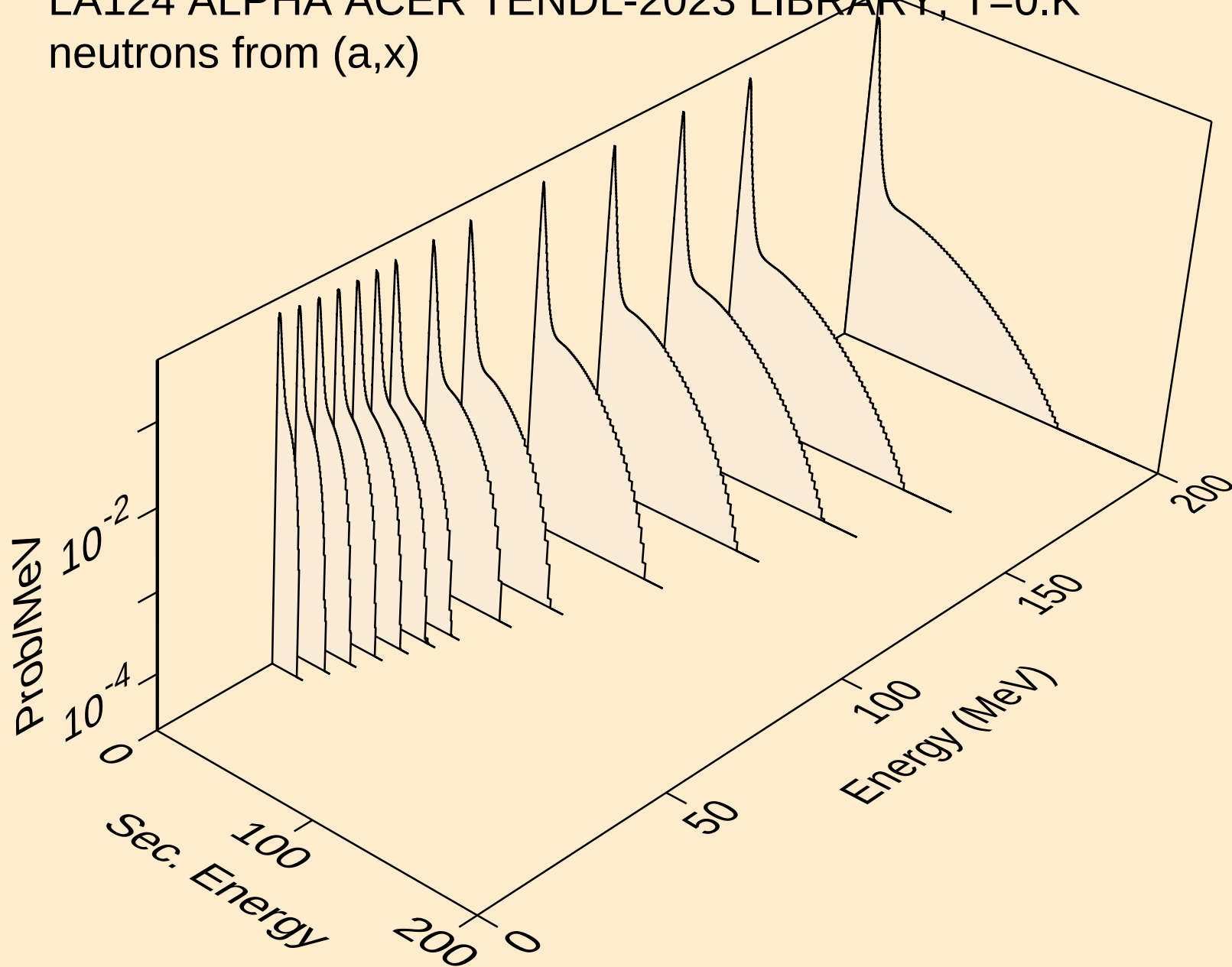


LA124 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)

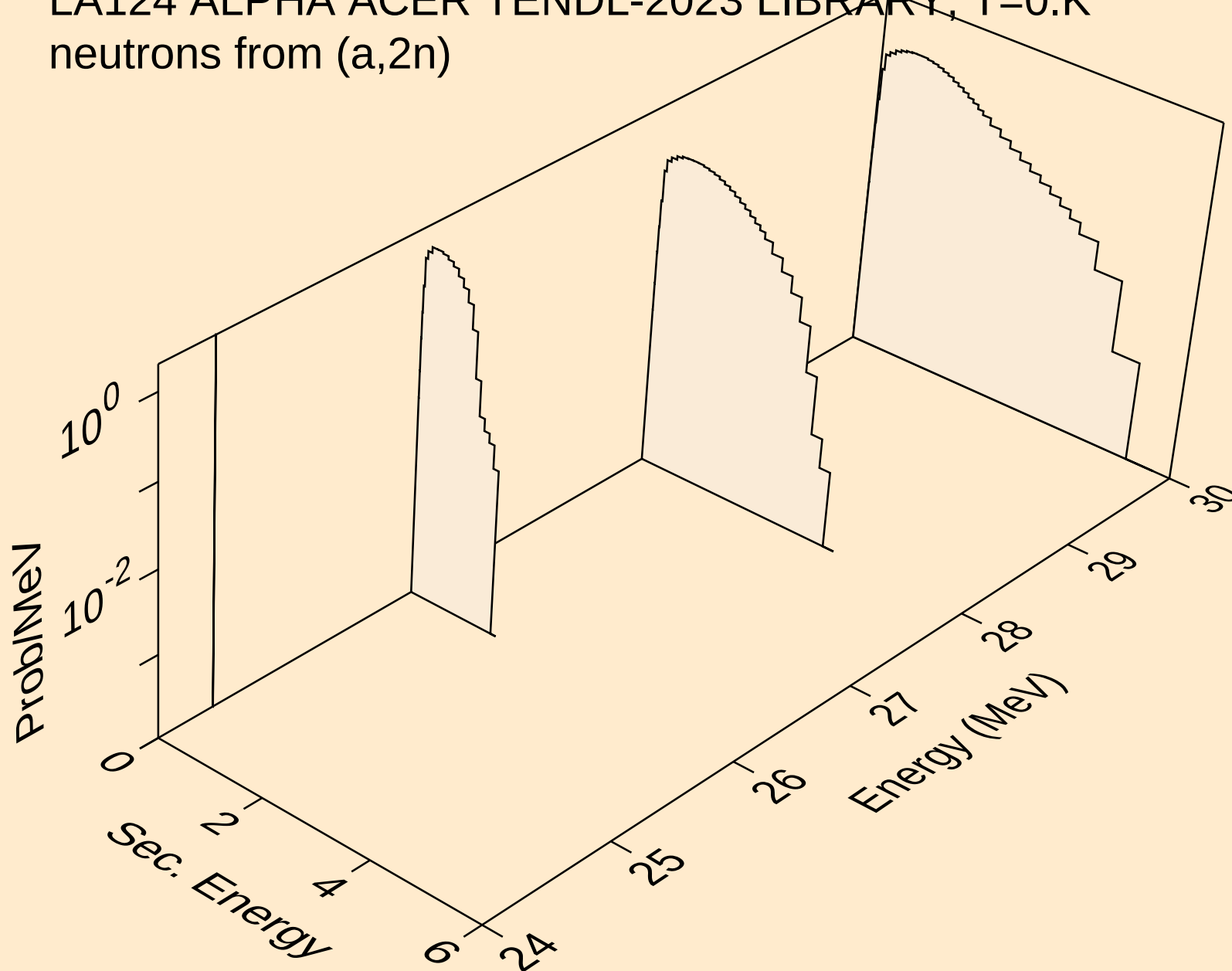




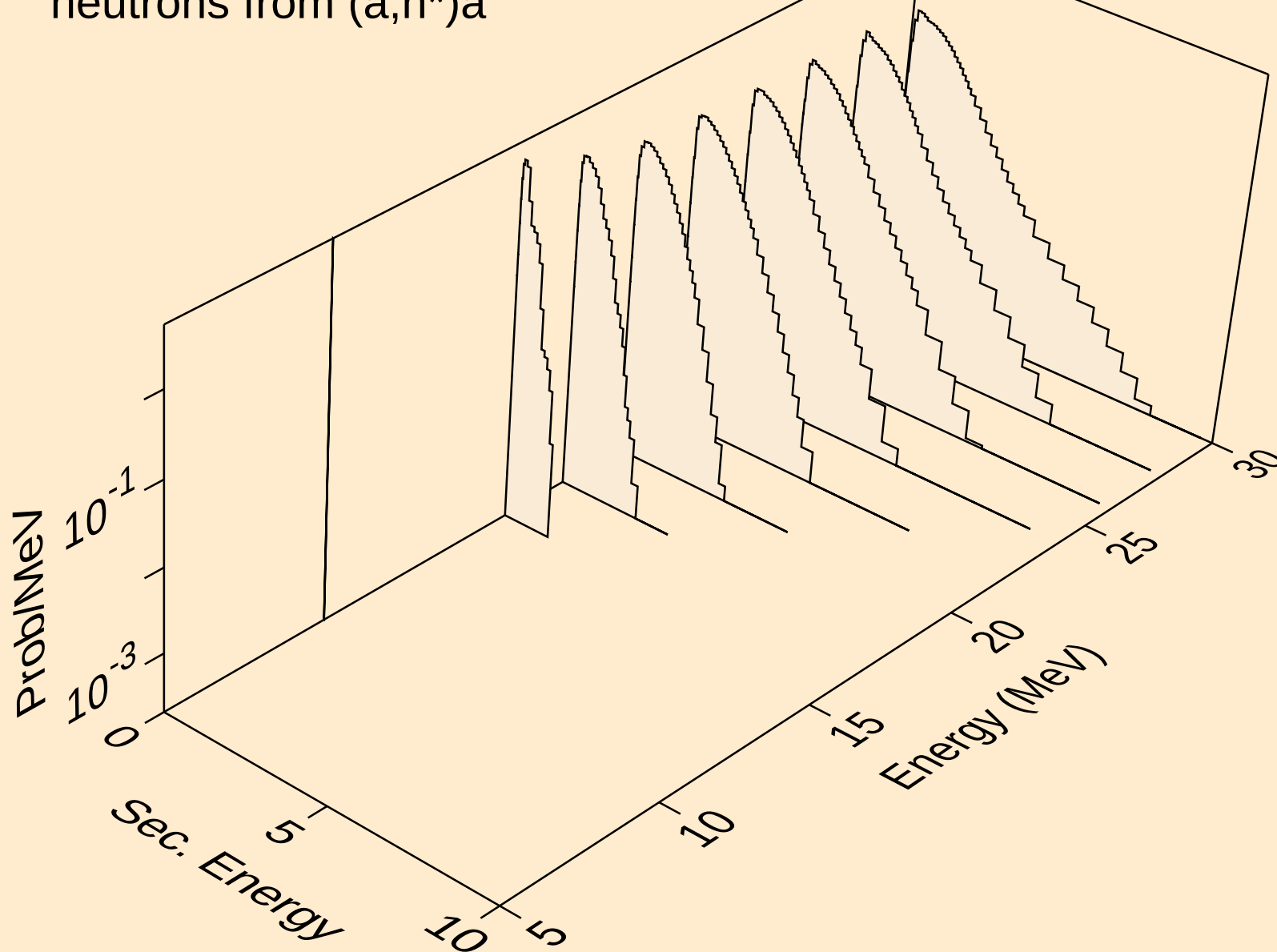
LA124 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)



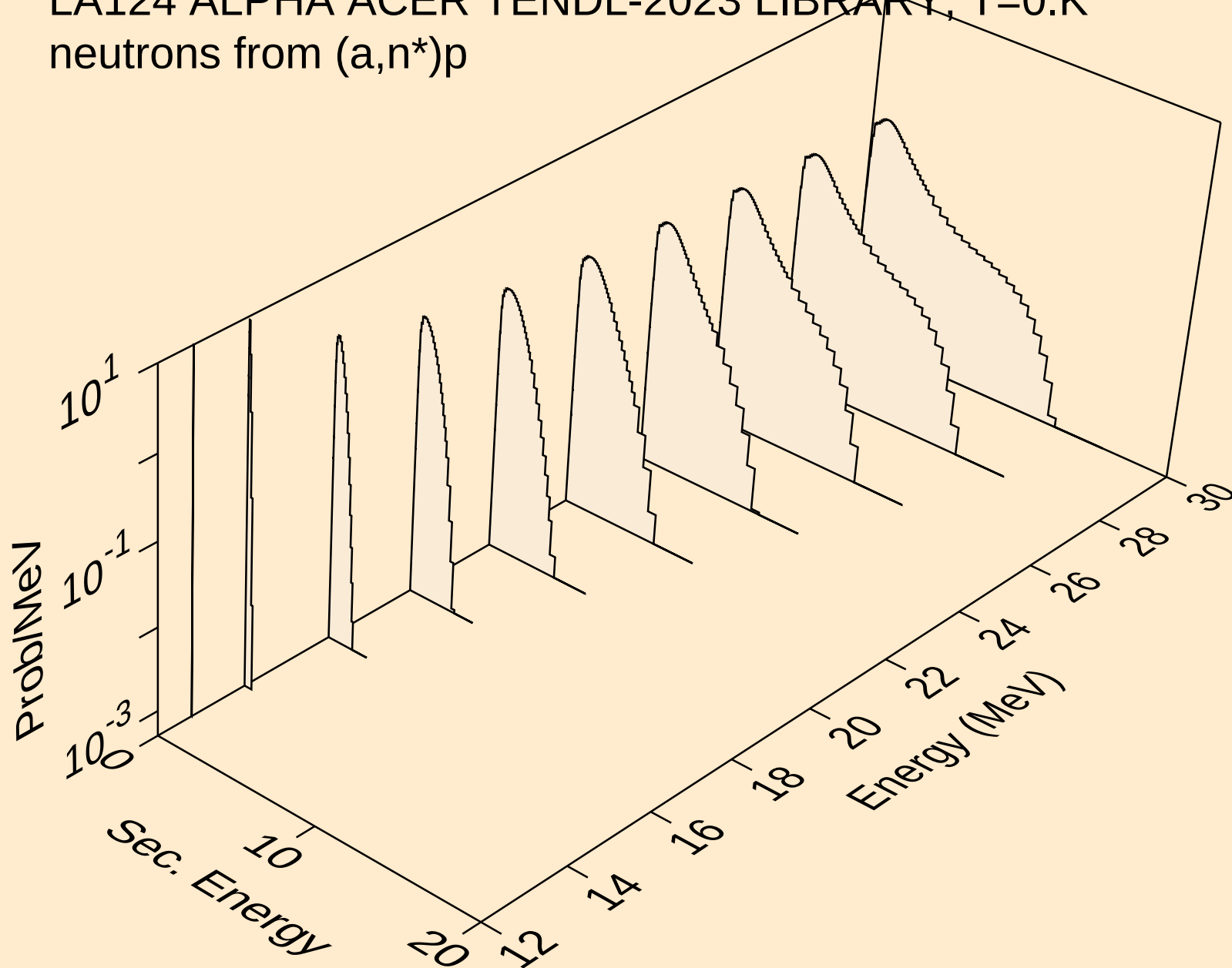
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neutrons from (a,2n)



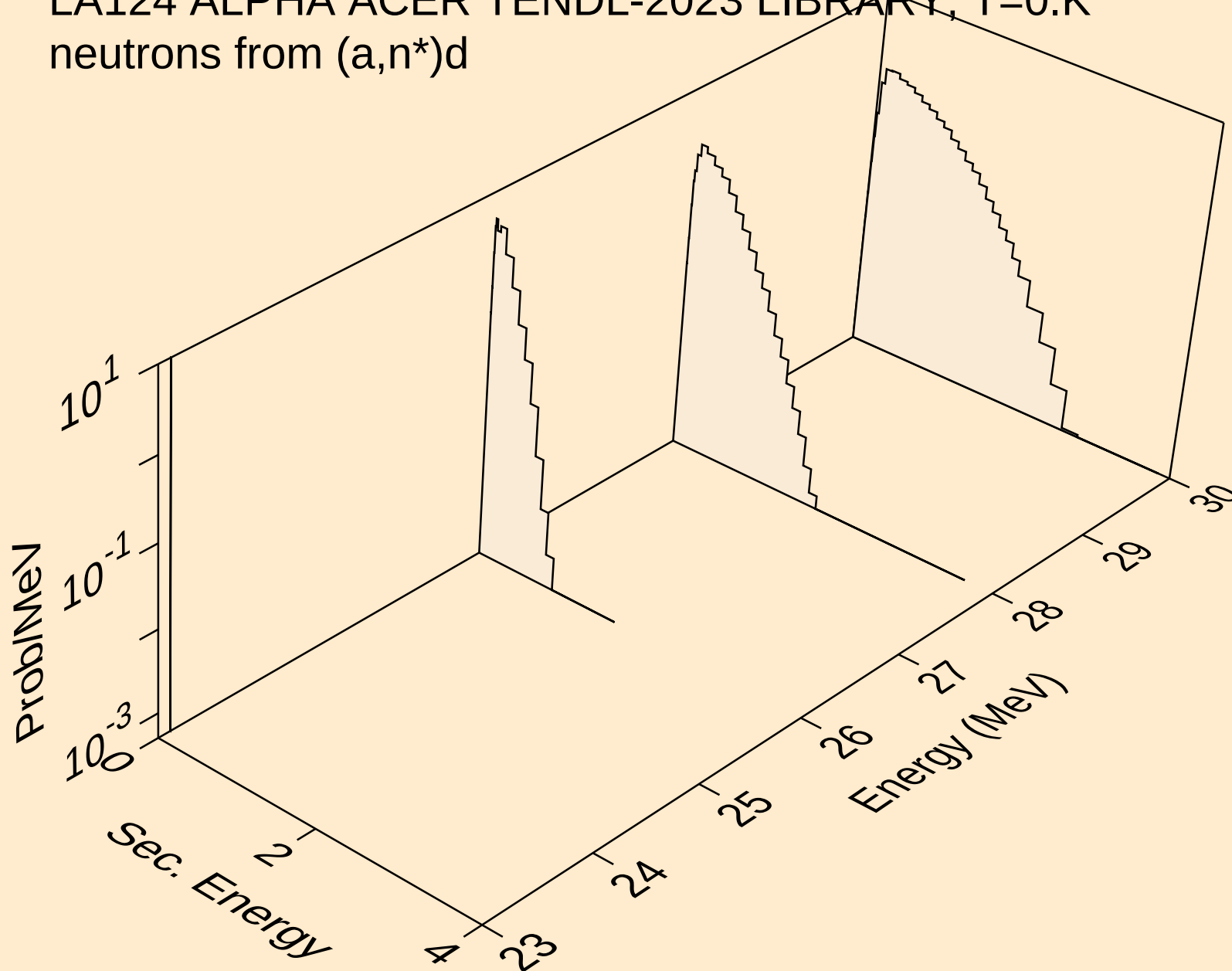
LA124 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a



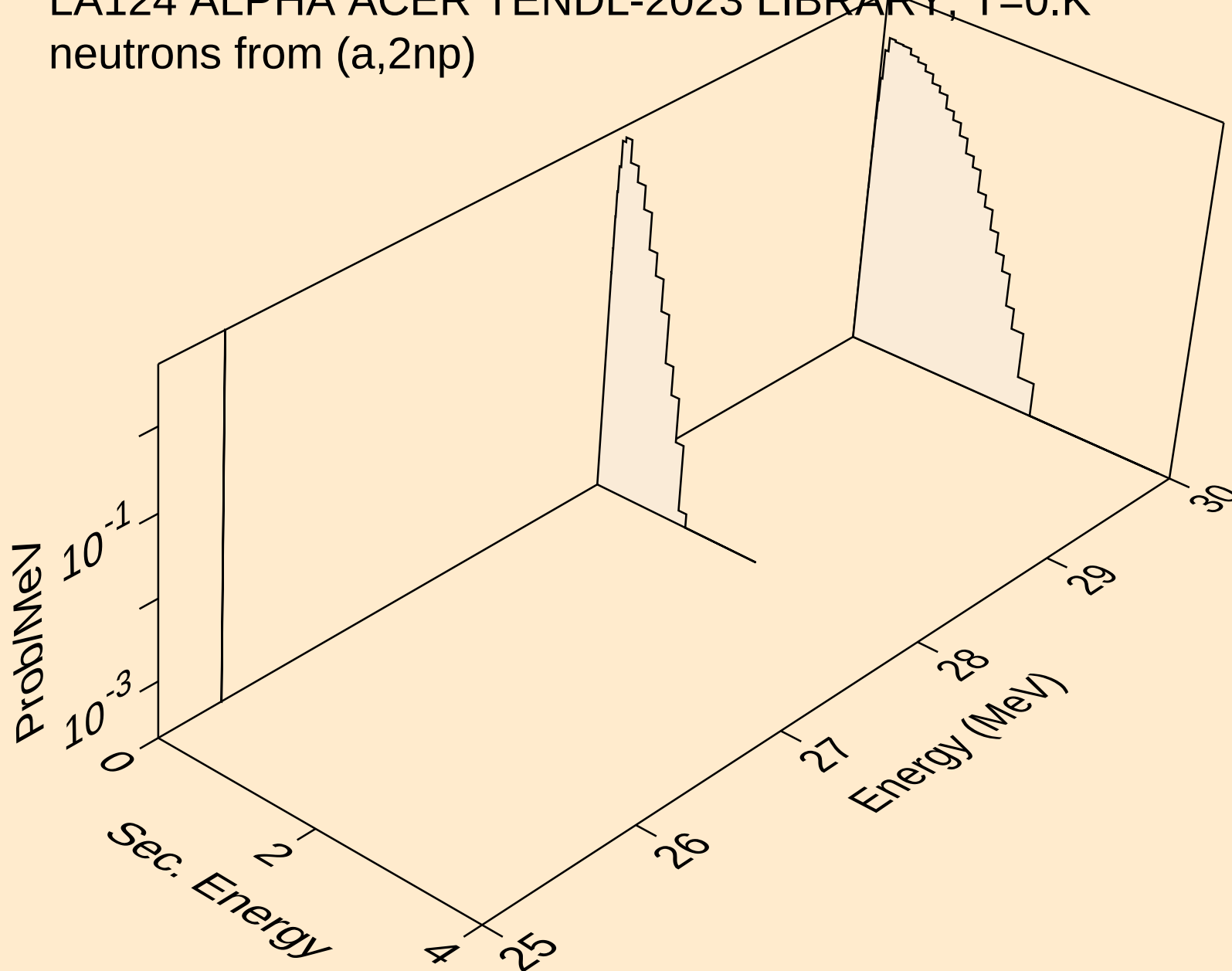
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neutrons from (a,n\*)p



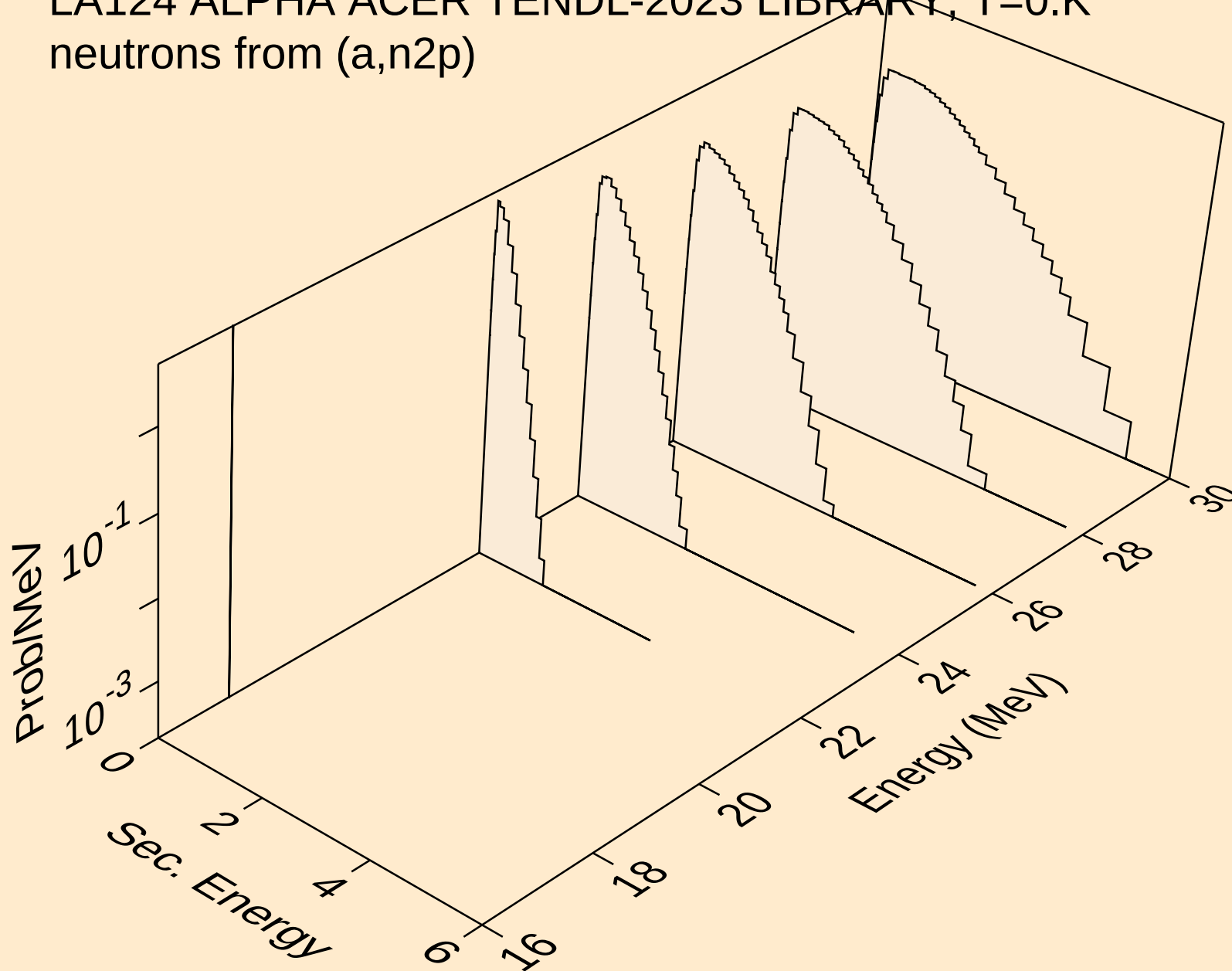
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neutrons from (a,n\*)d



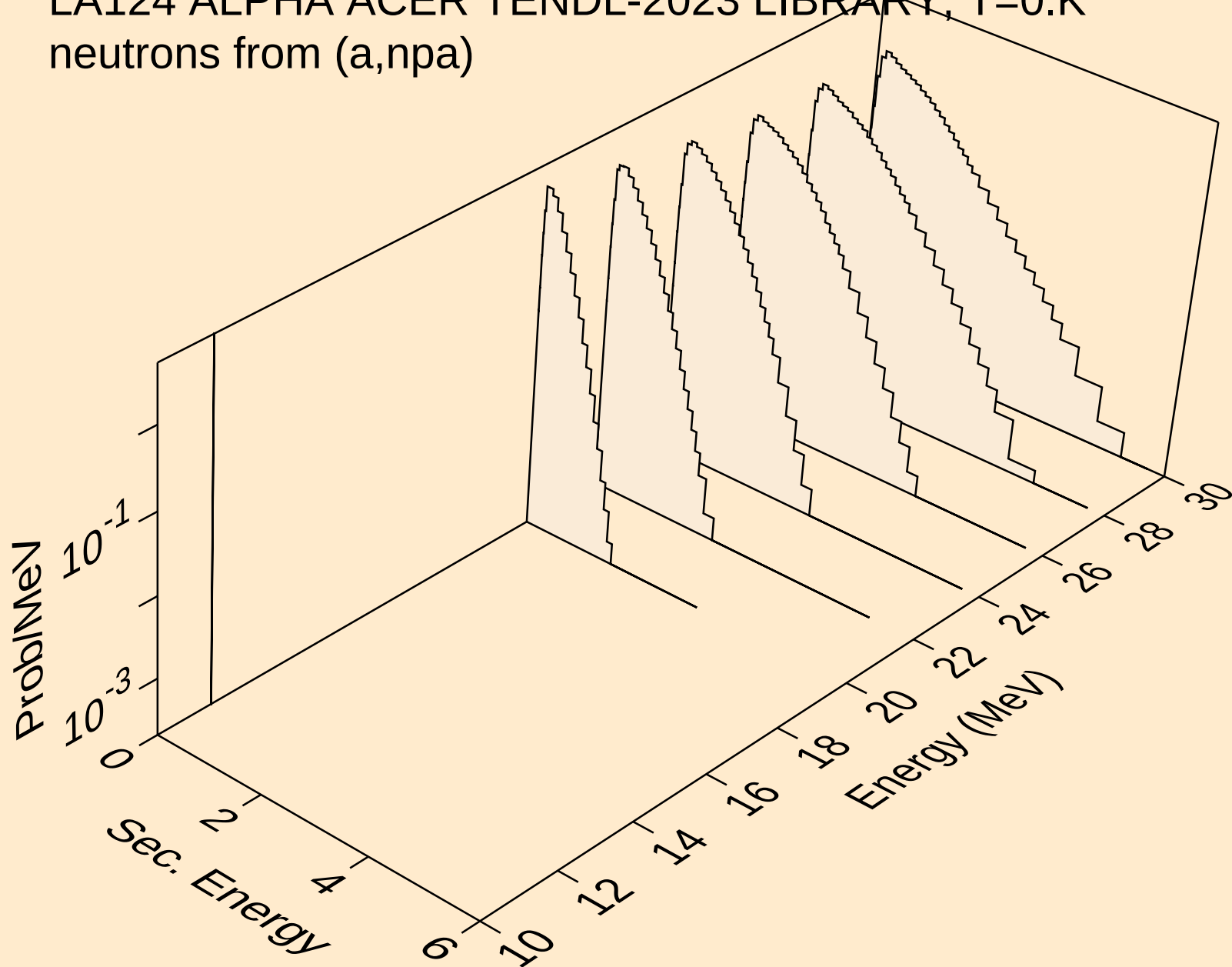
LA124 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2np)



LA124 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n2p)

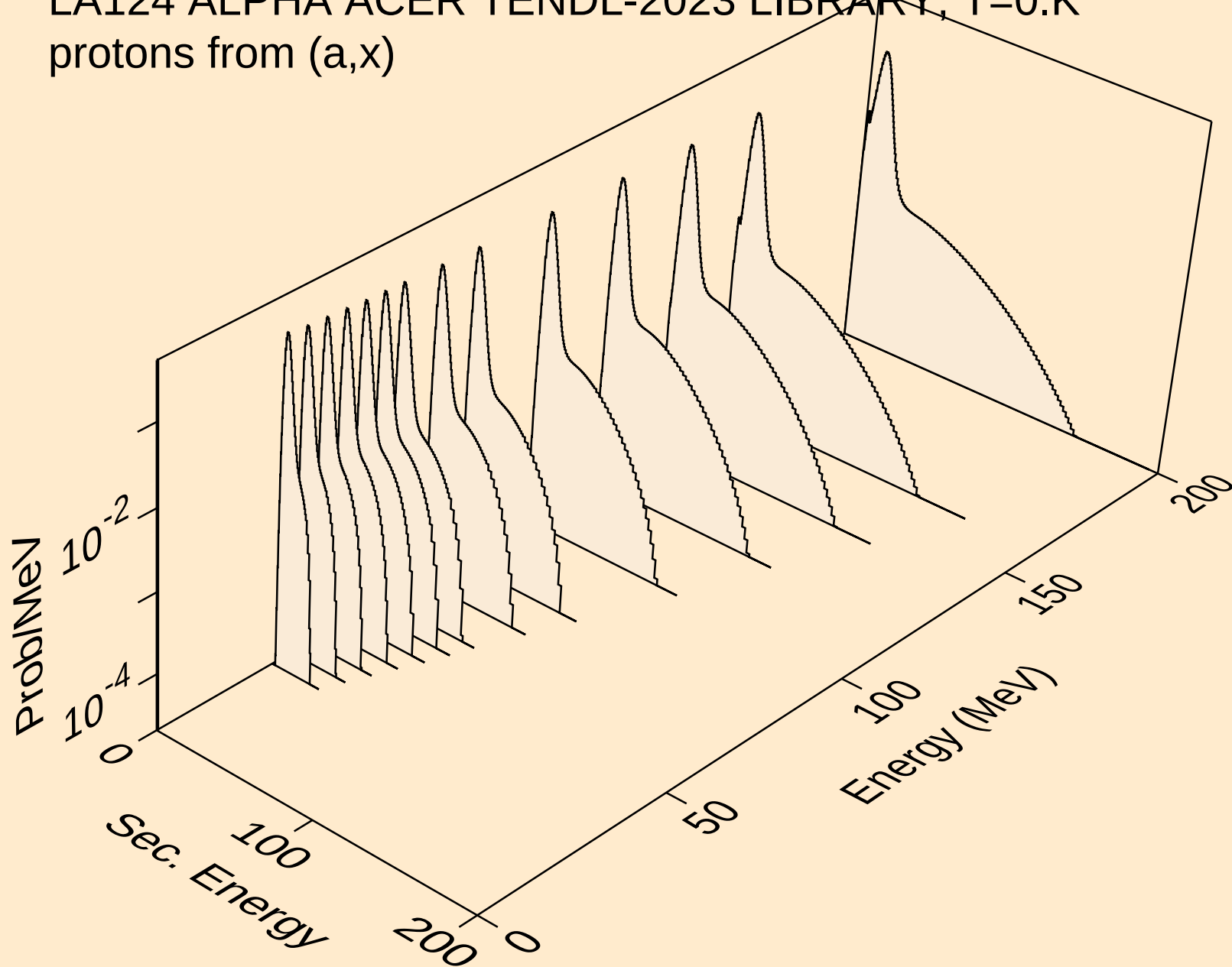


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neutrons from (a,npa)

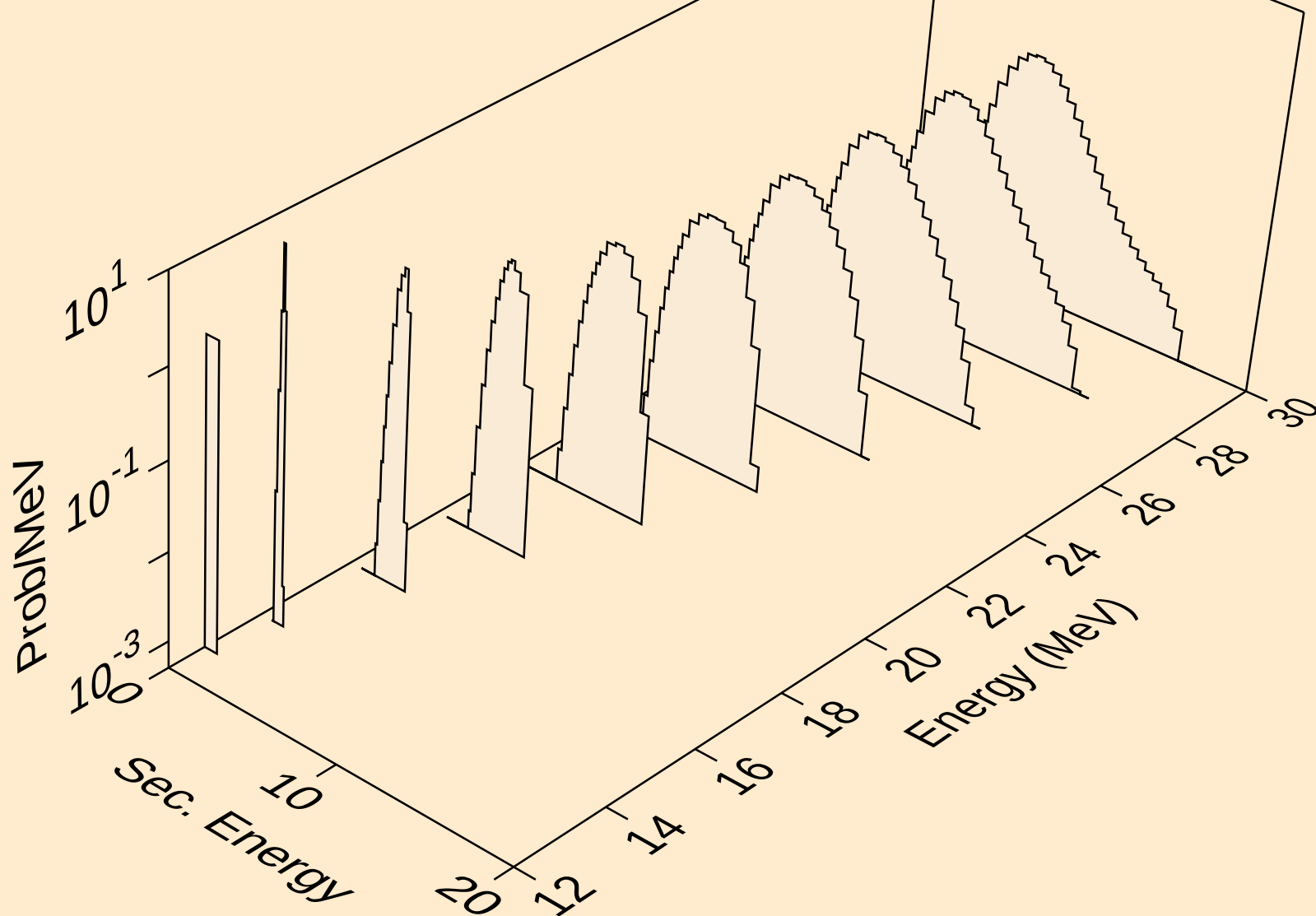




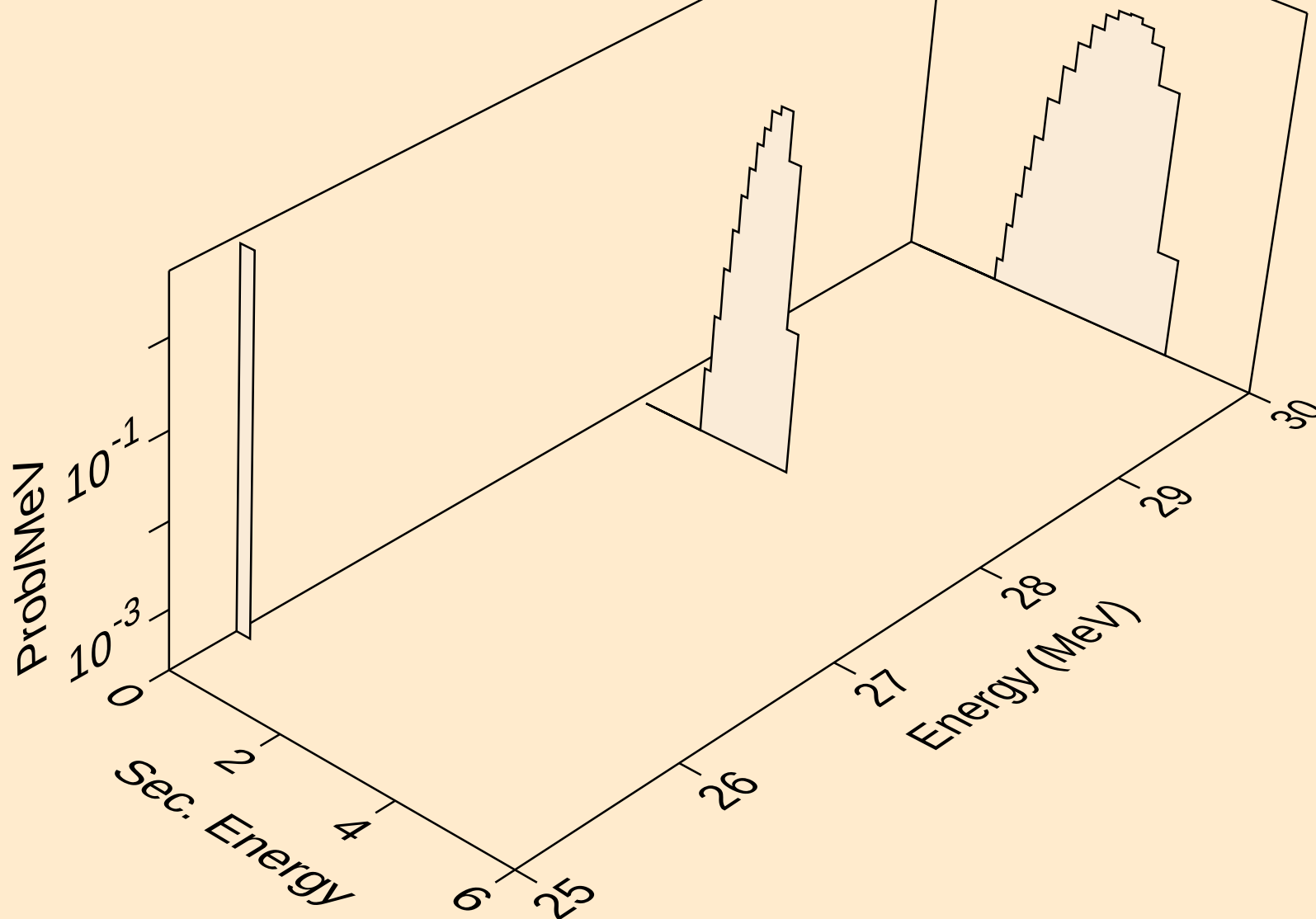
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protons from (a,x)



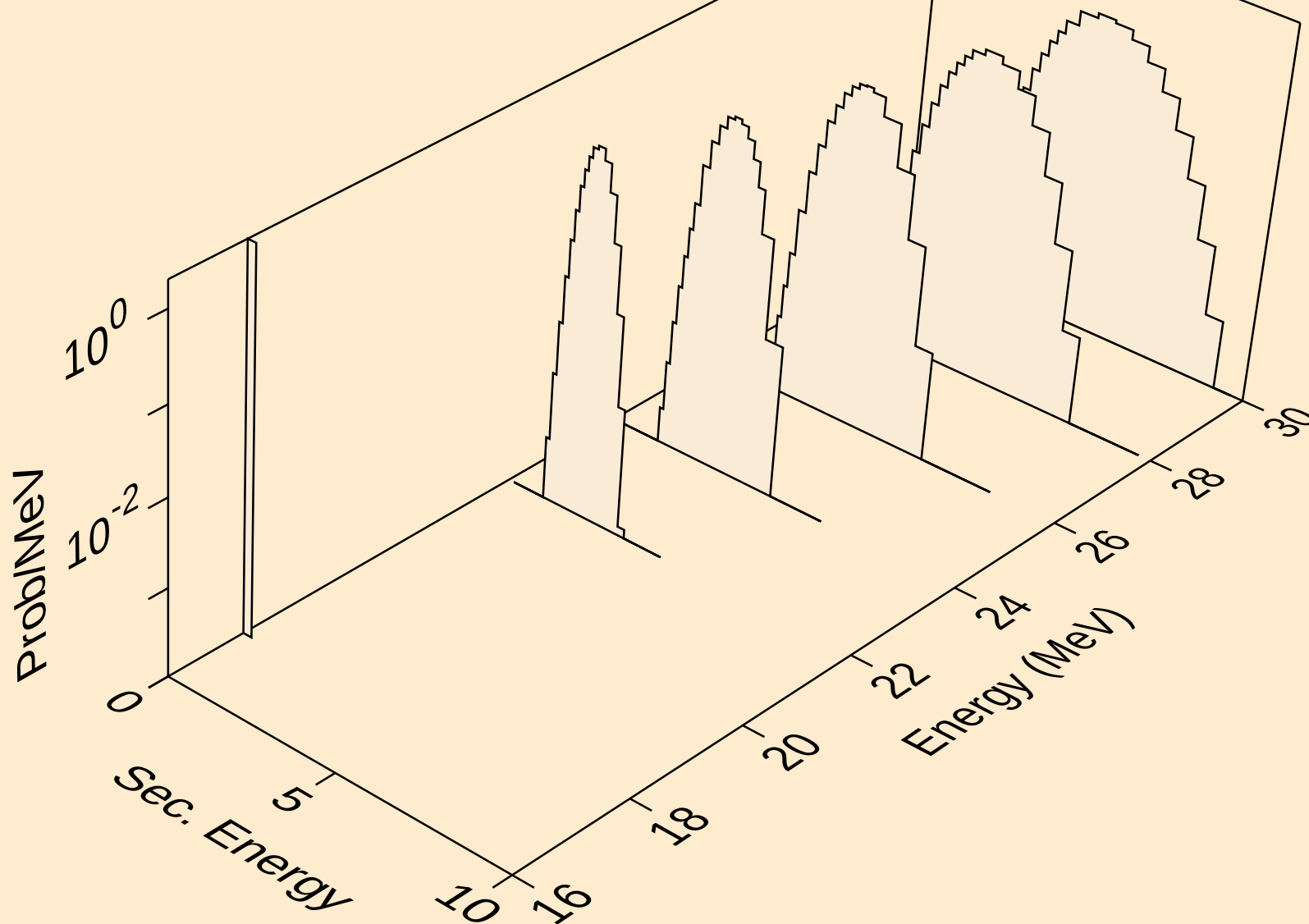
LA124 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n\*)p



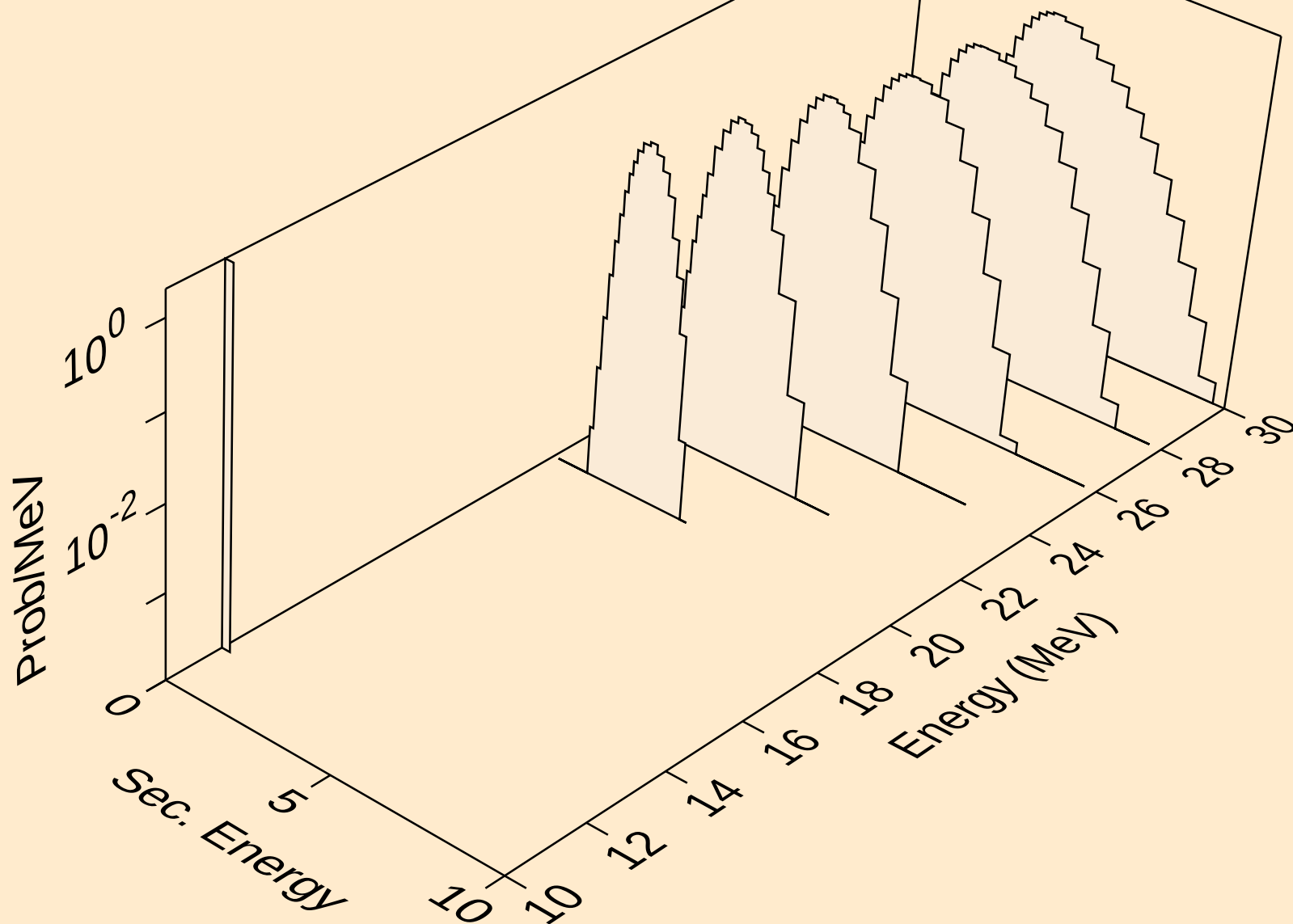
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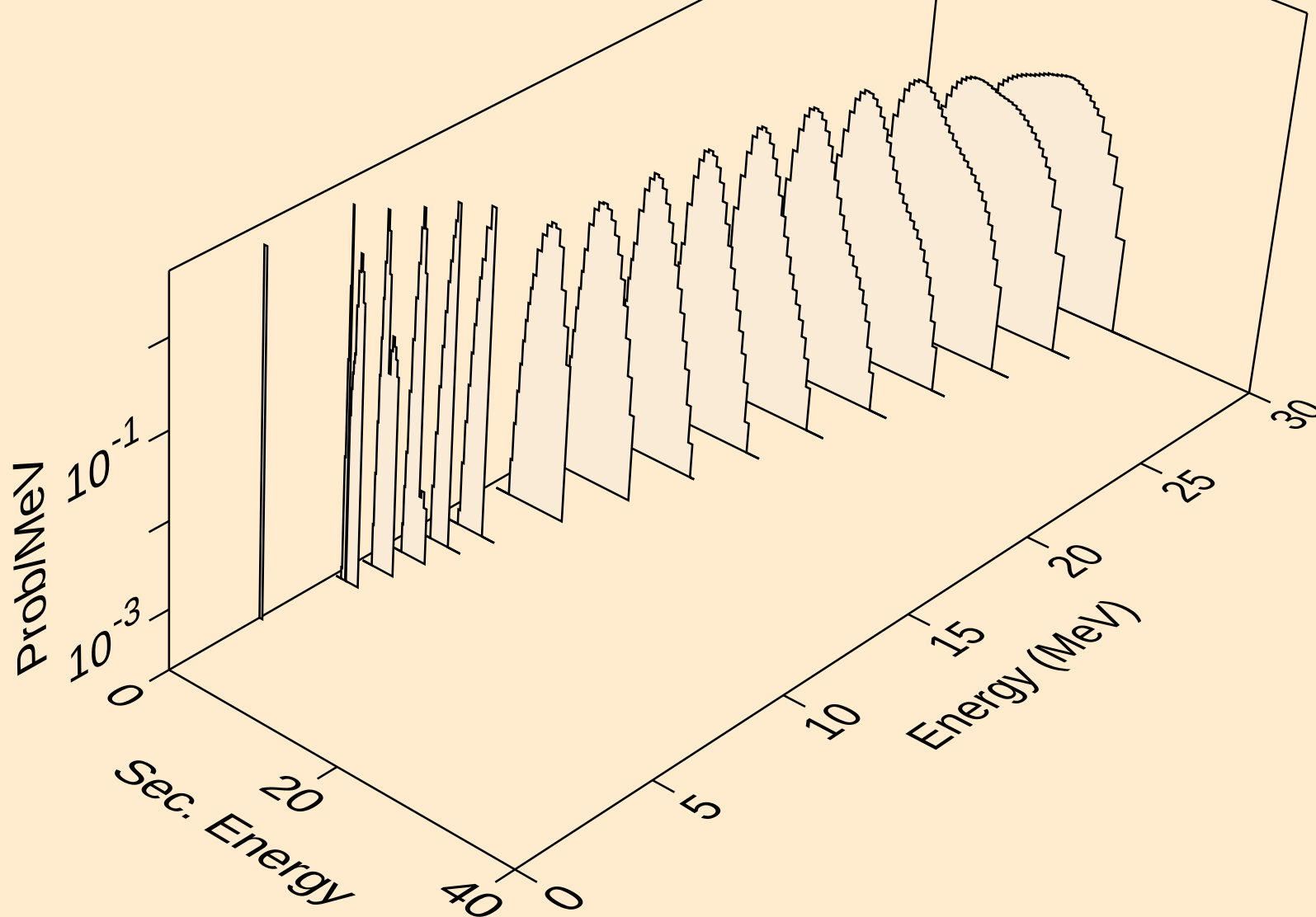
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protons from (a,n2p)



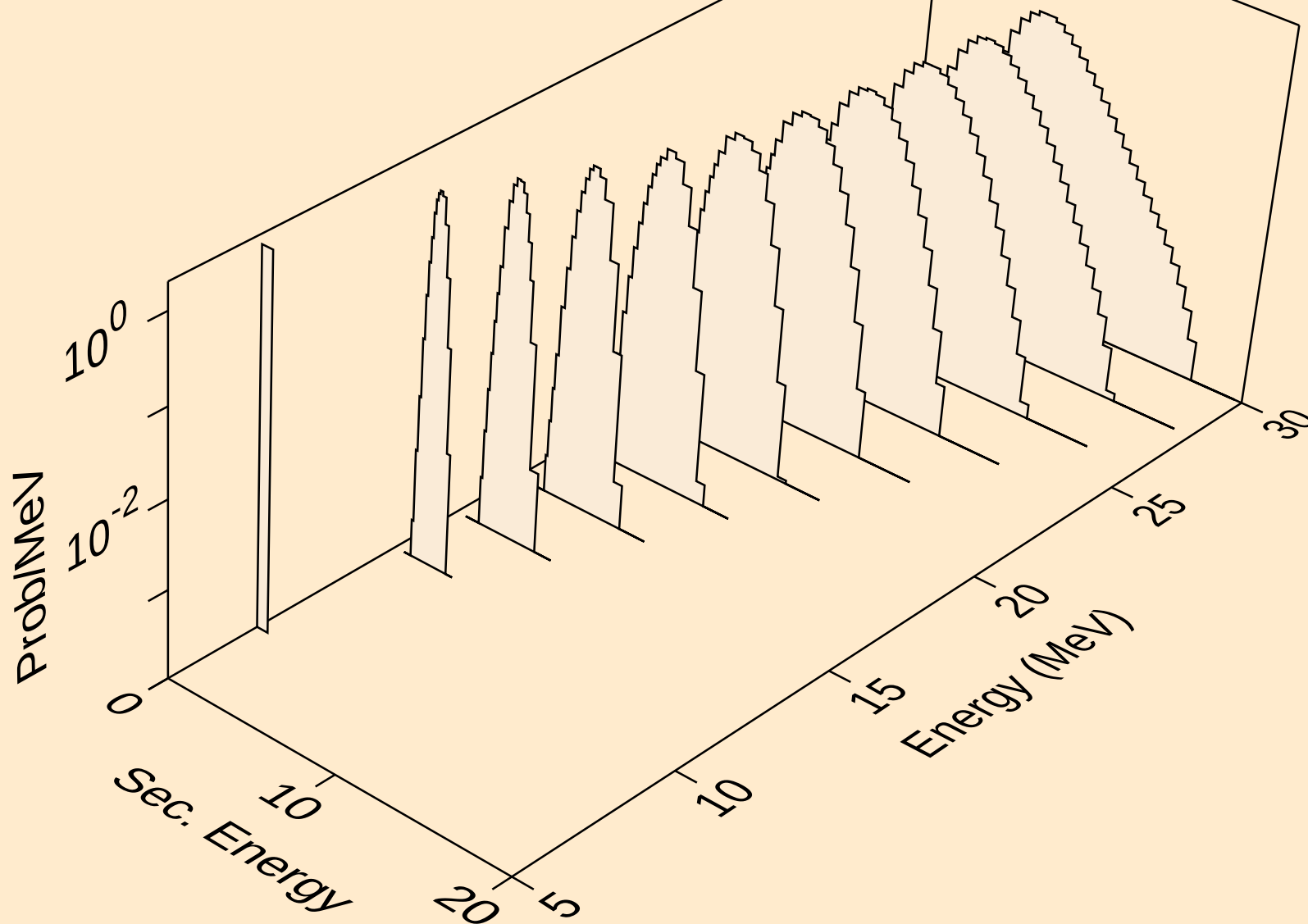
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protons from (a,npa)



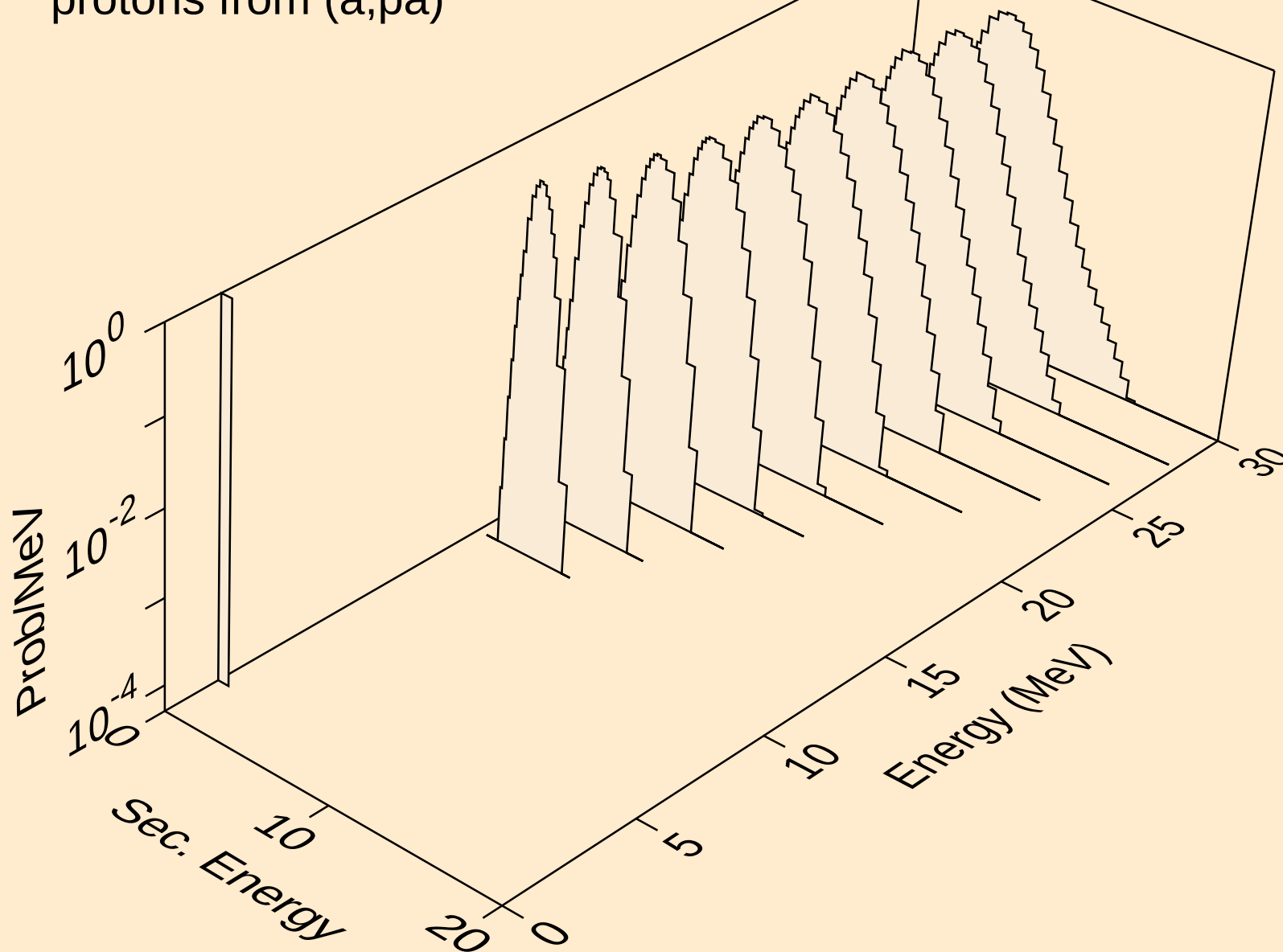
LA124 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,p)



LA124 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2p)

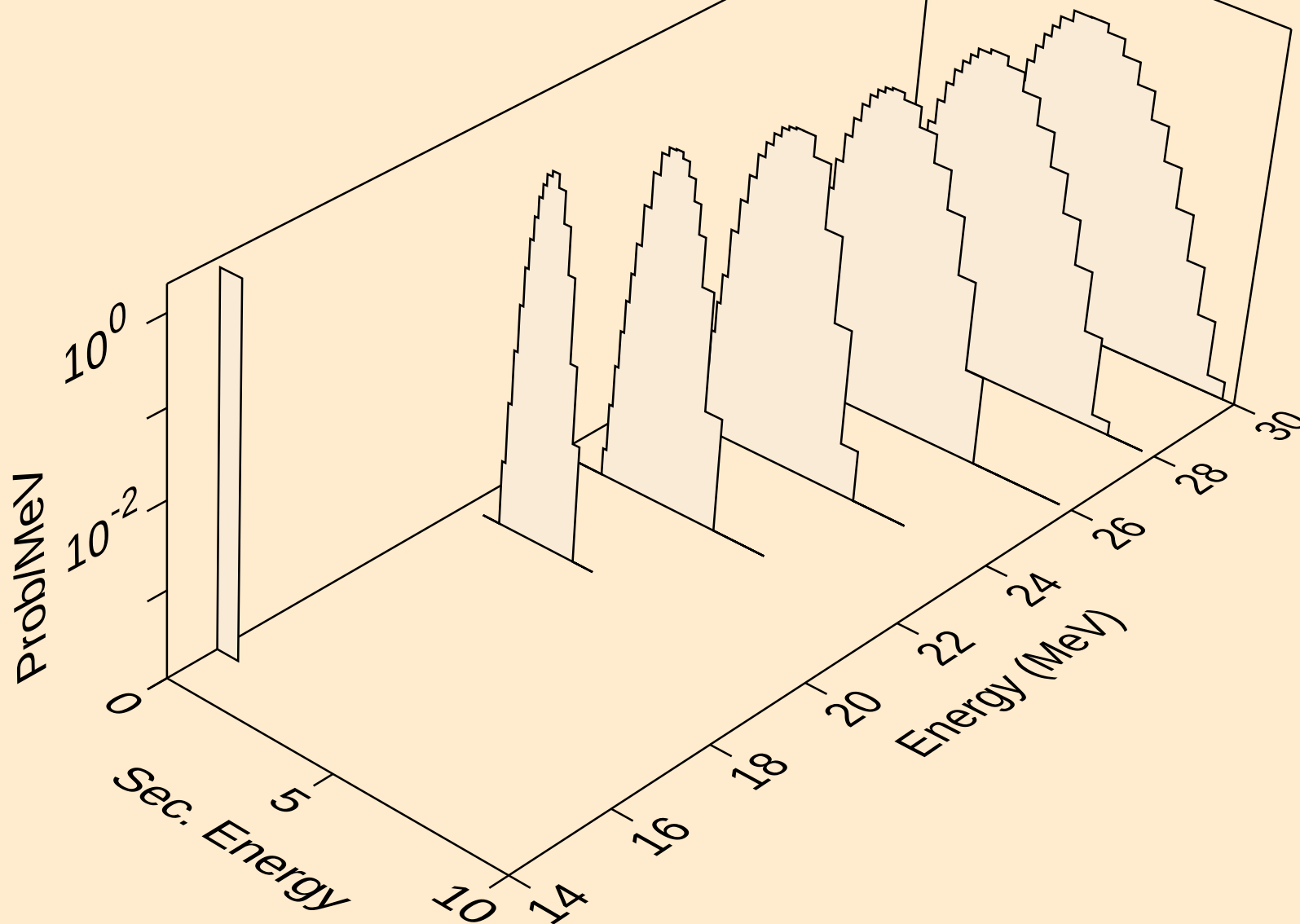


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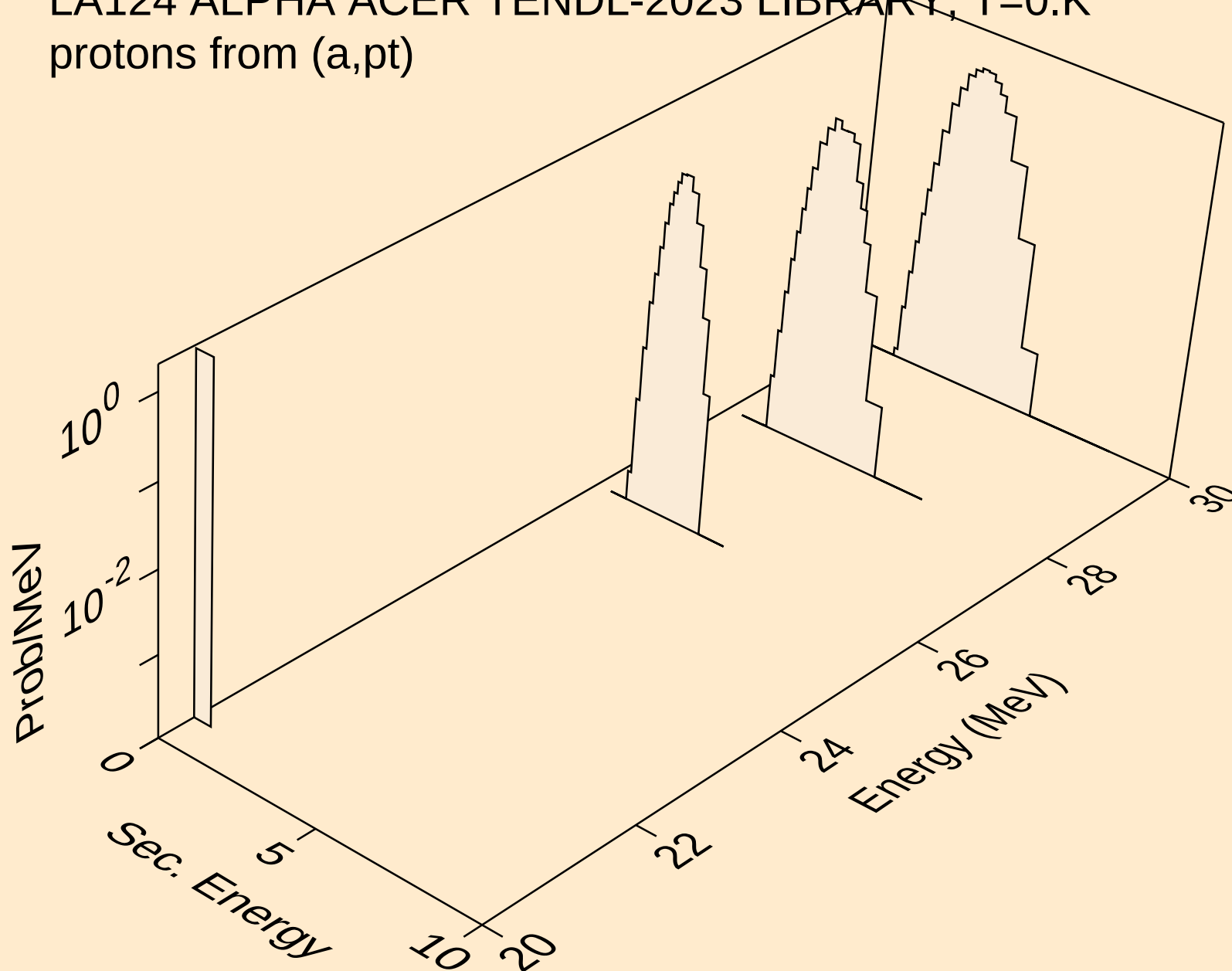




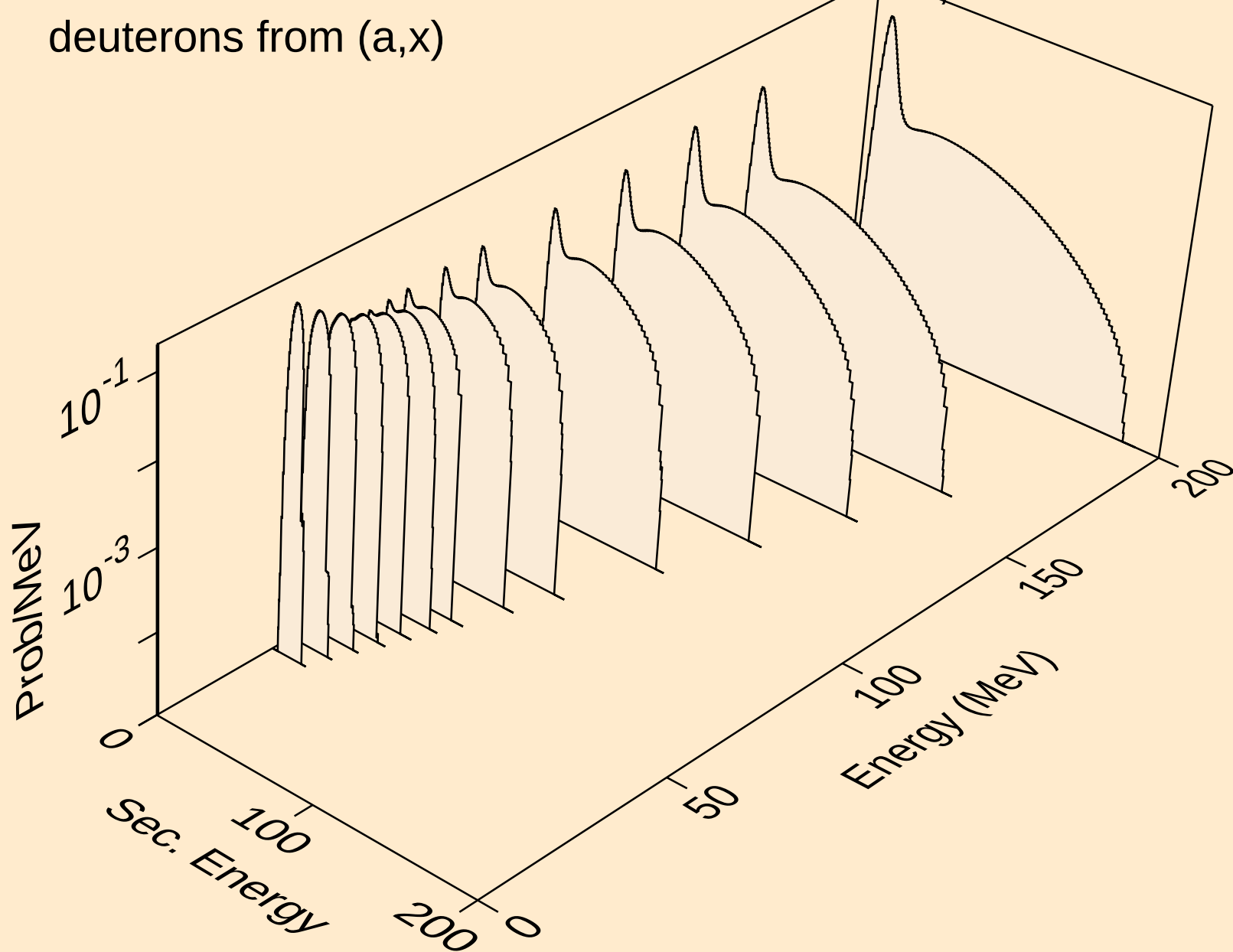
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protons from (a,pd)



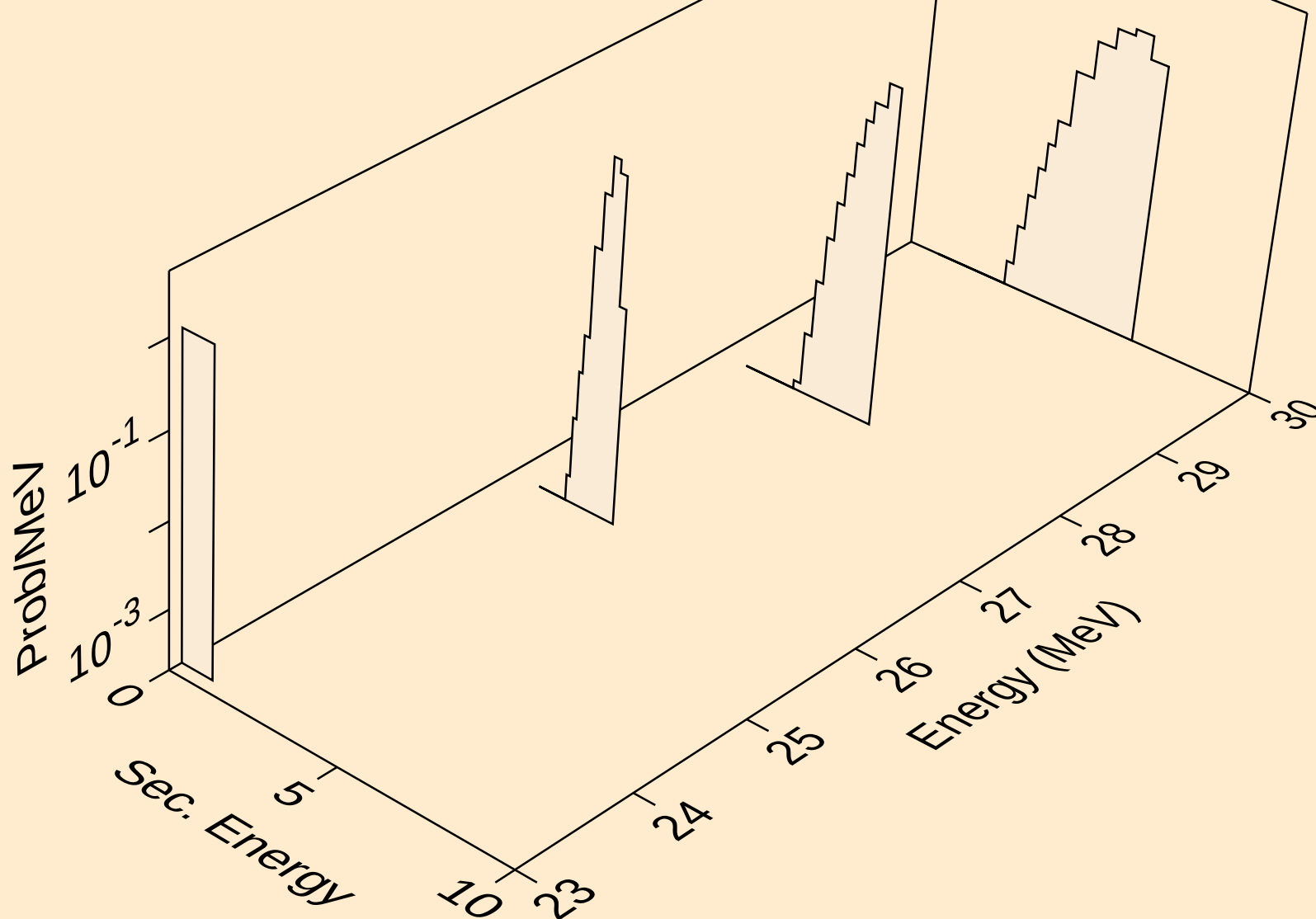
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protons from (a,pt)



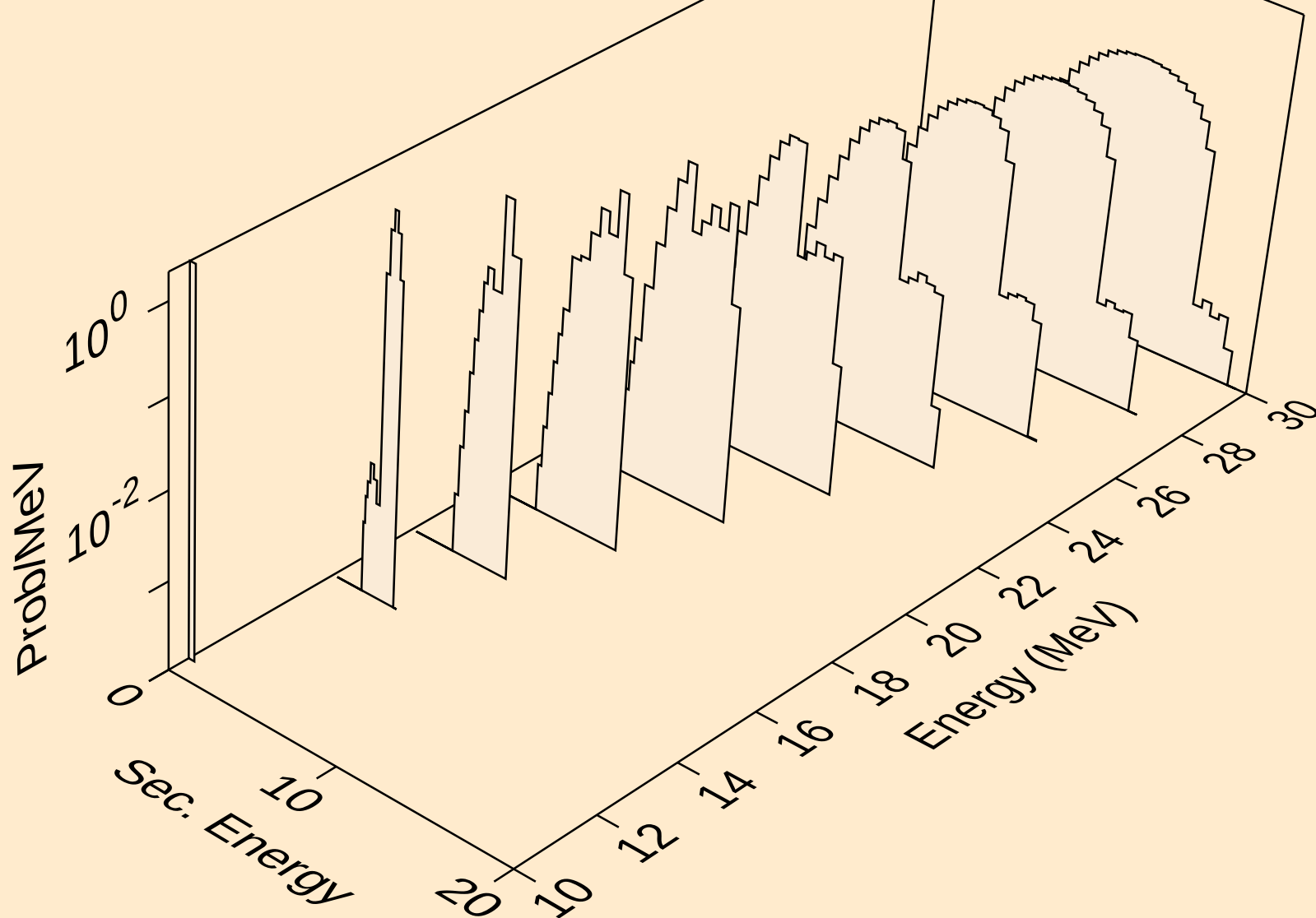
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deuterons from (a,x)



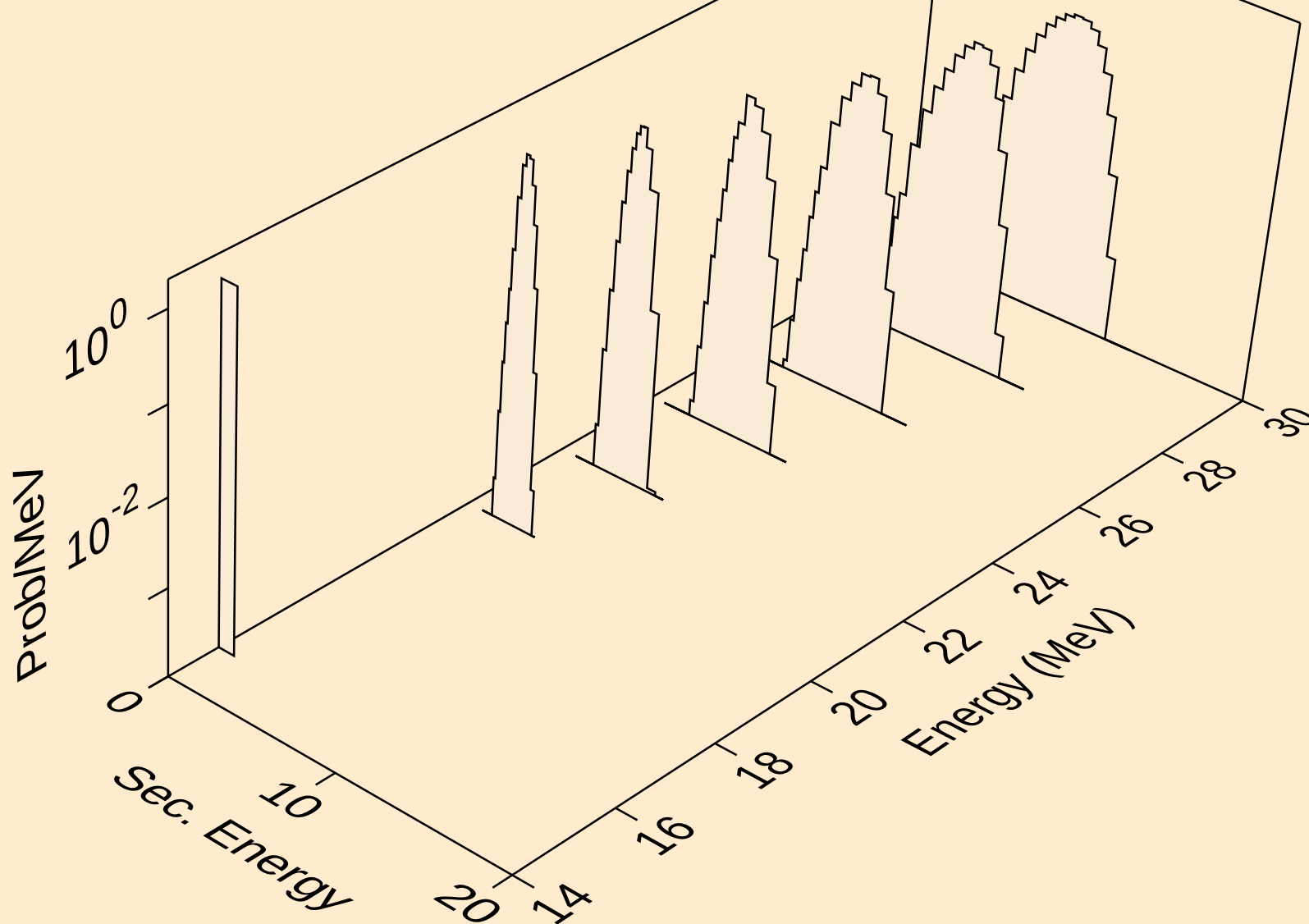
LA124 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,n\*)d



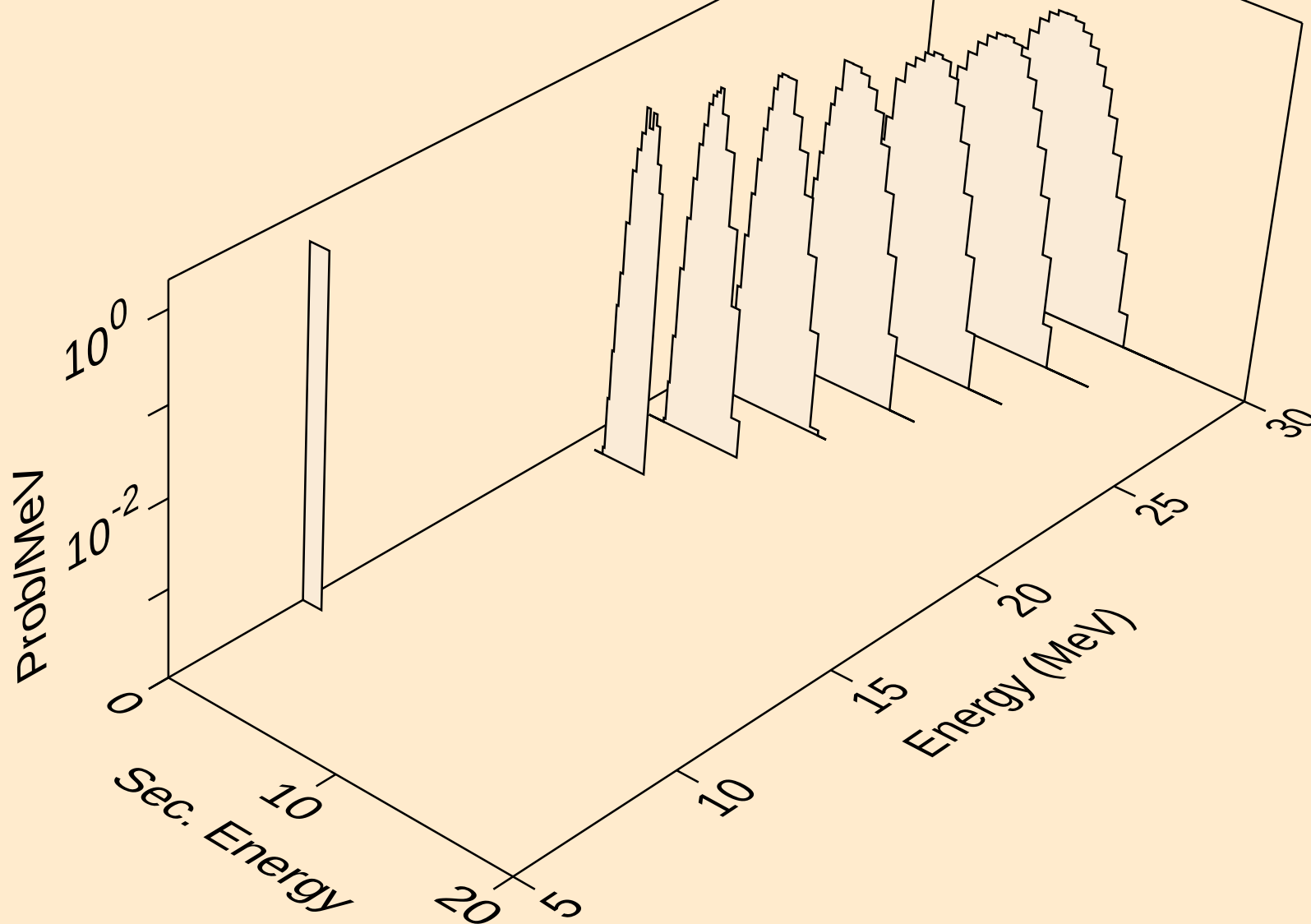
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deuterons from (a,d)



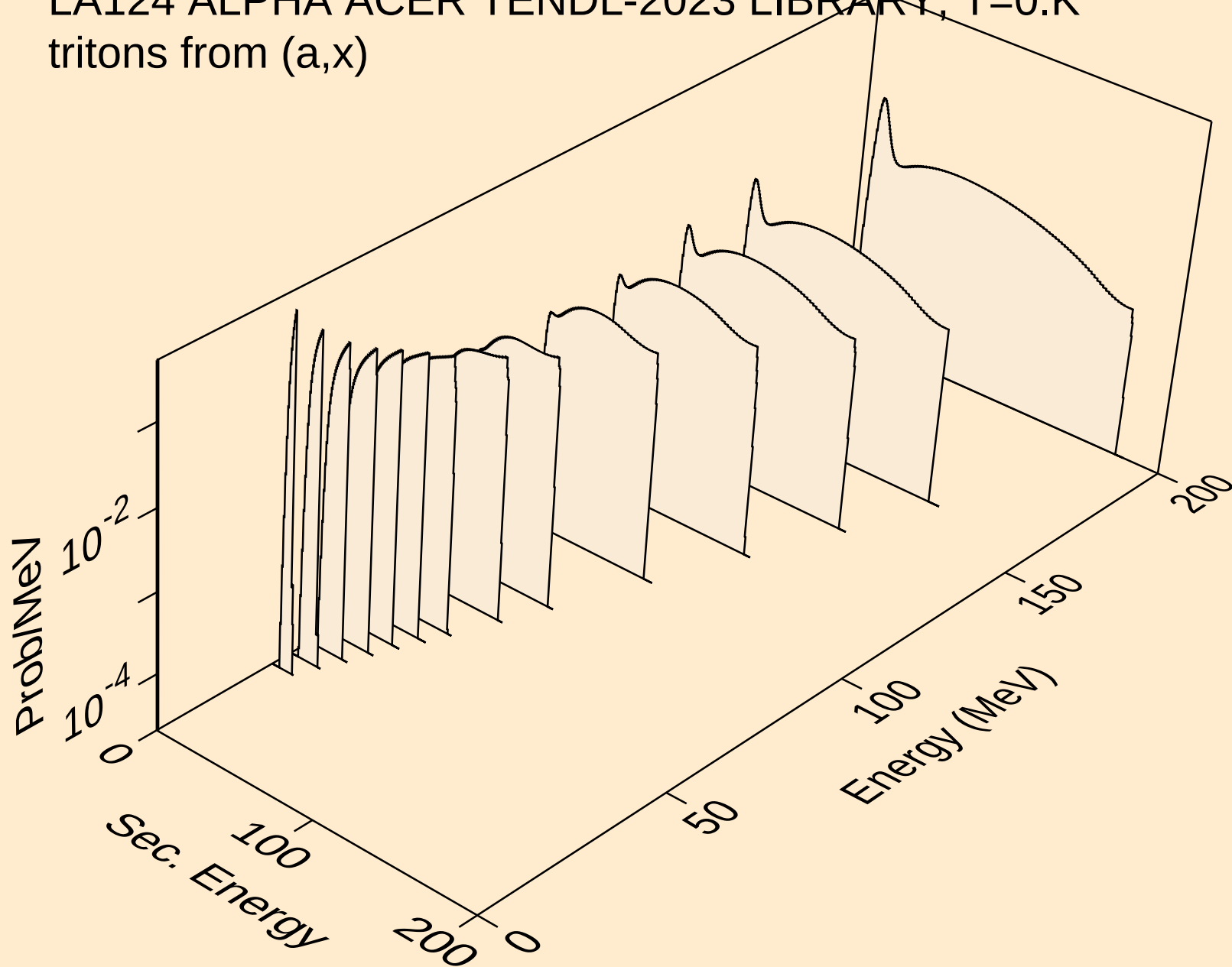
LA124 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,pd)



LA124 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,da)

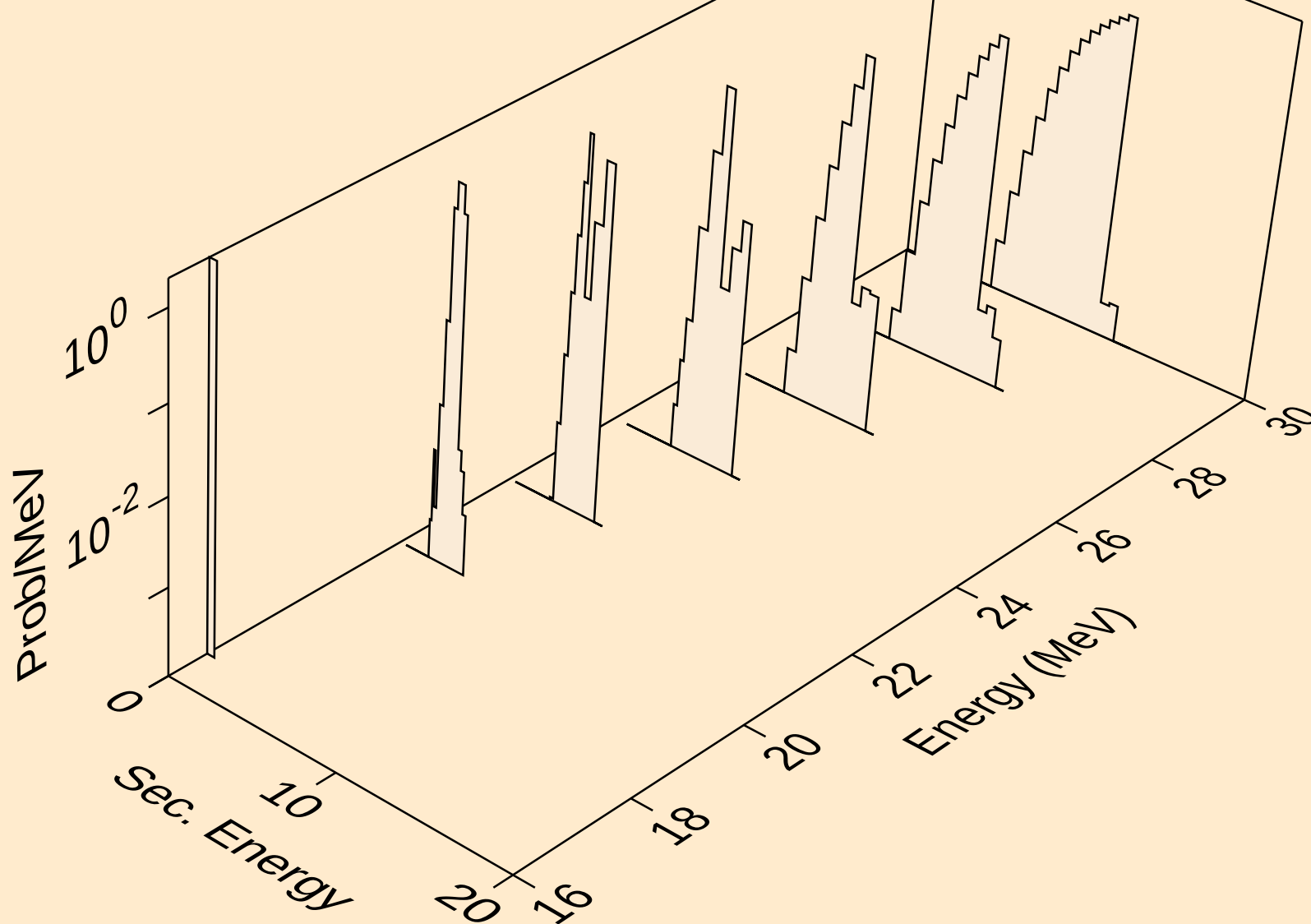


LA124 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
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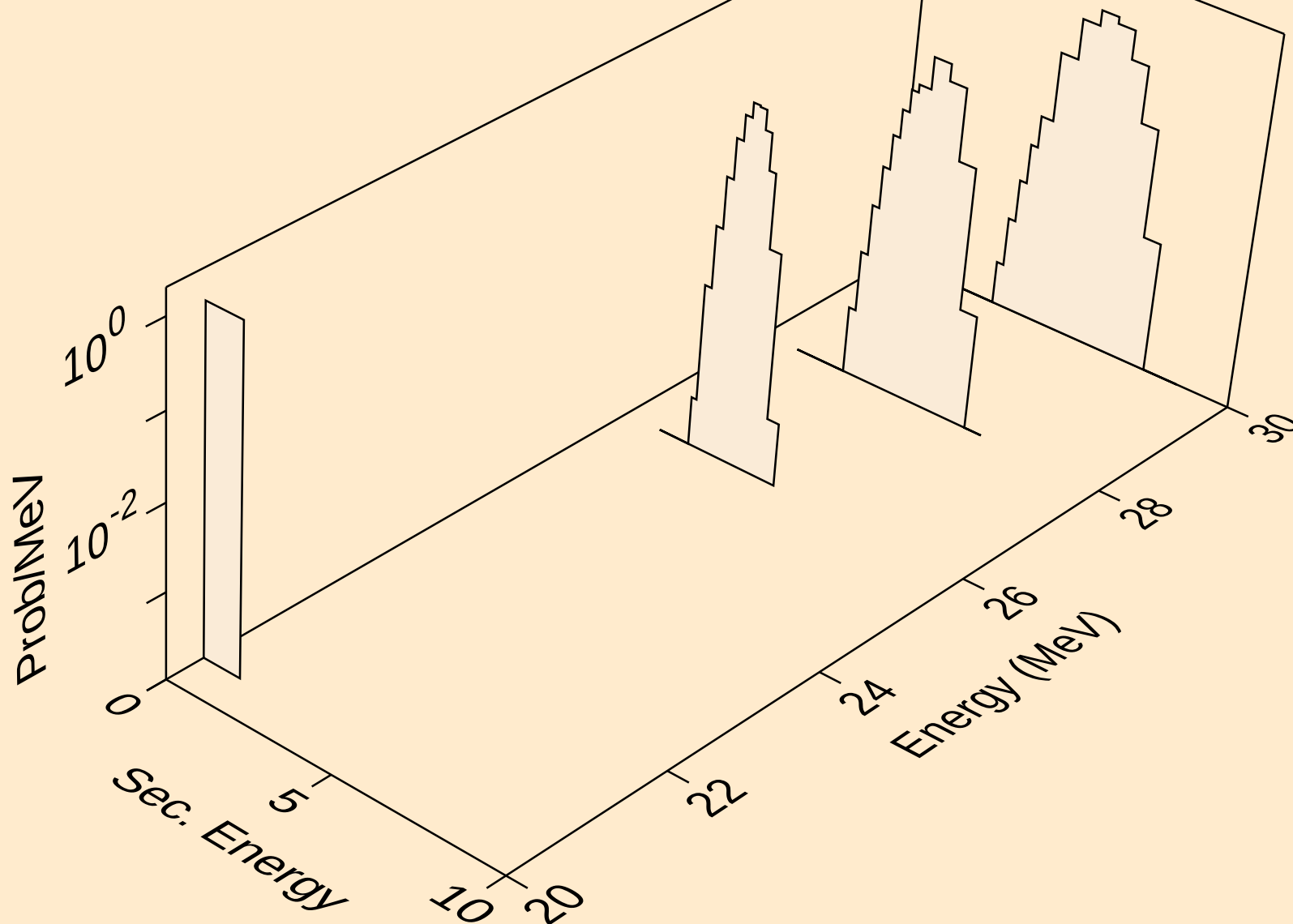




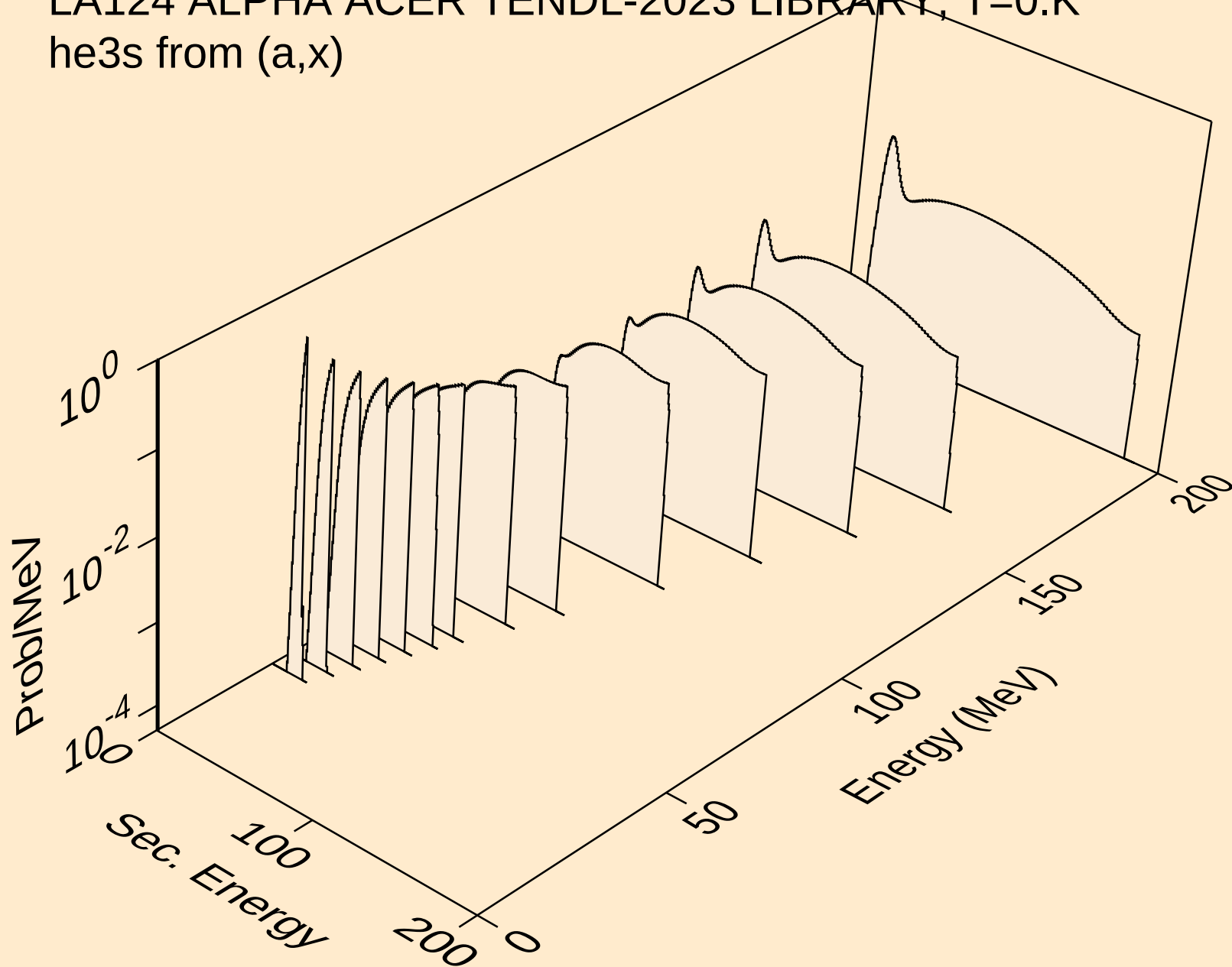
LA124 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)



LA124 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,pt)



LA124 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



LA124 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

