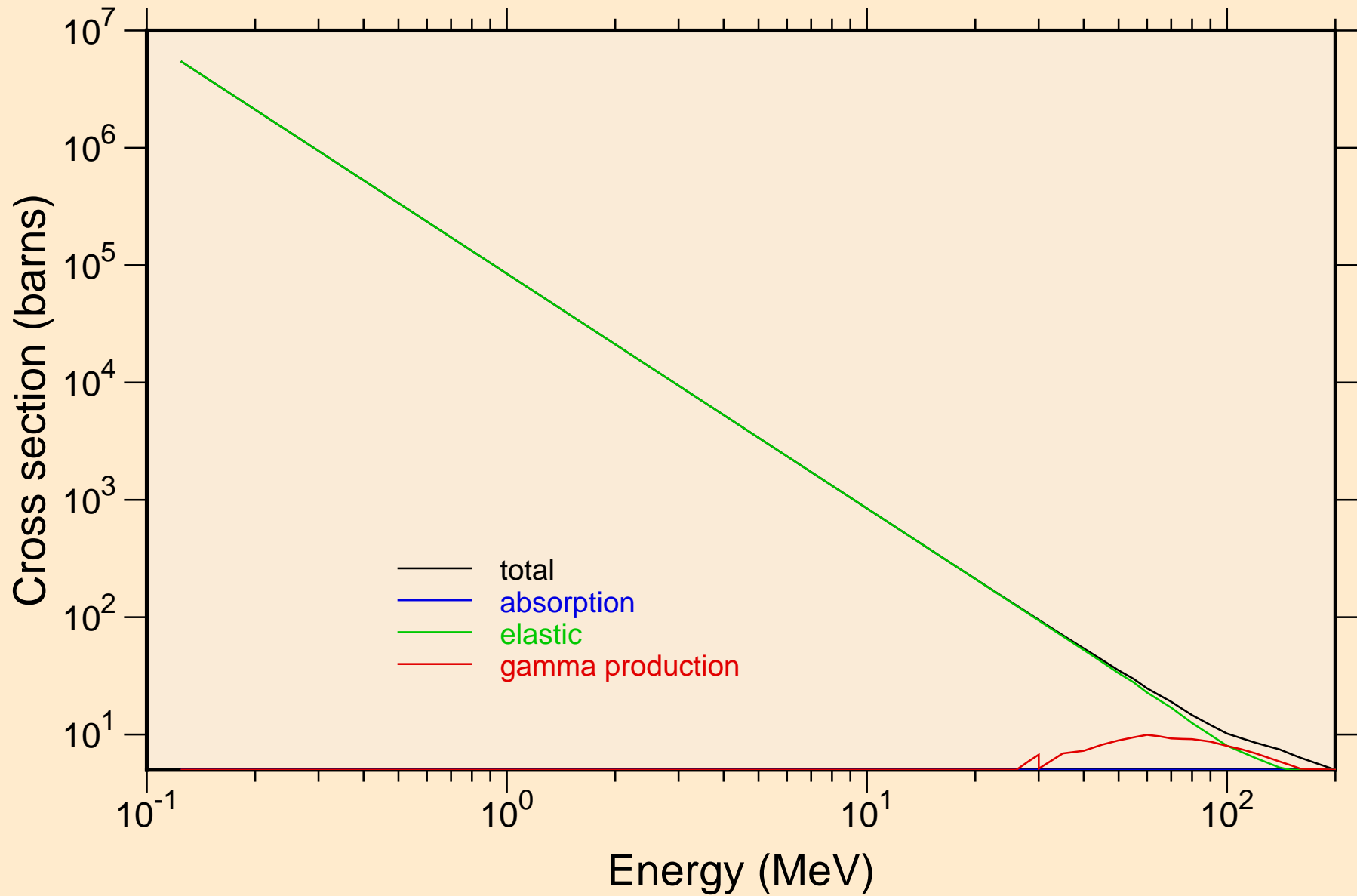


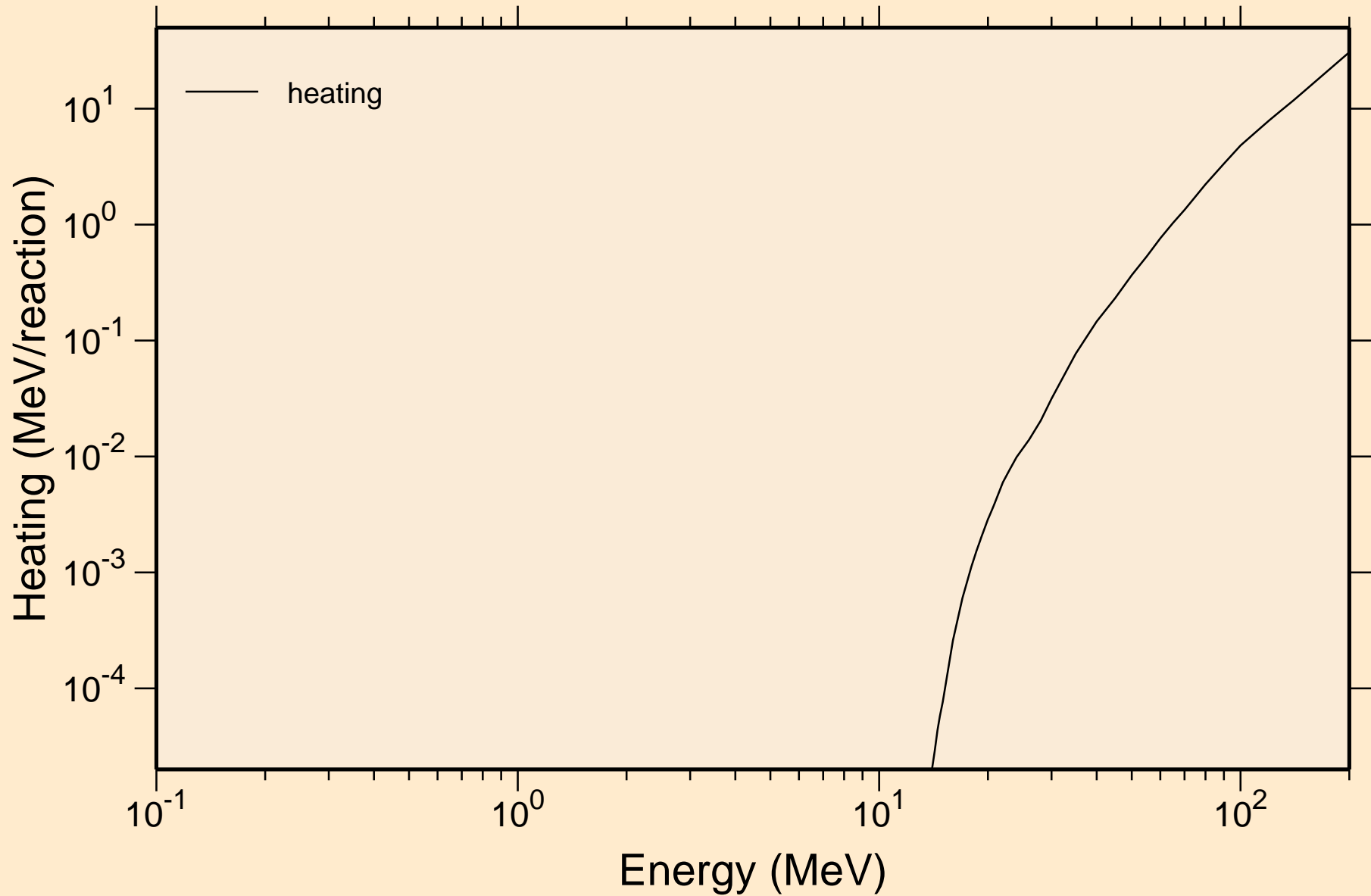
# LA131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



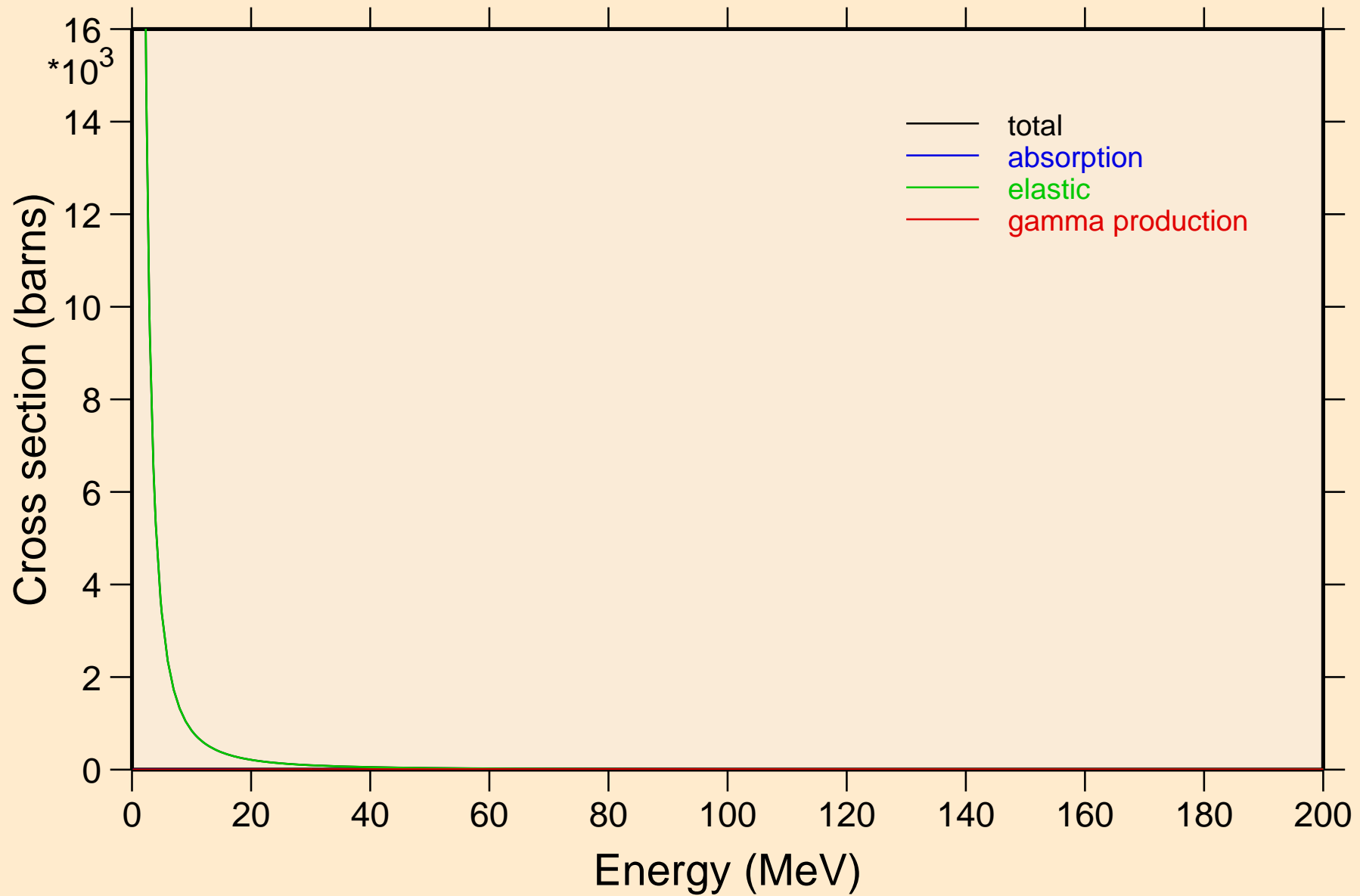
LA131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating



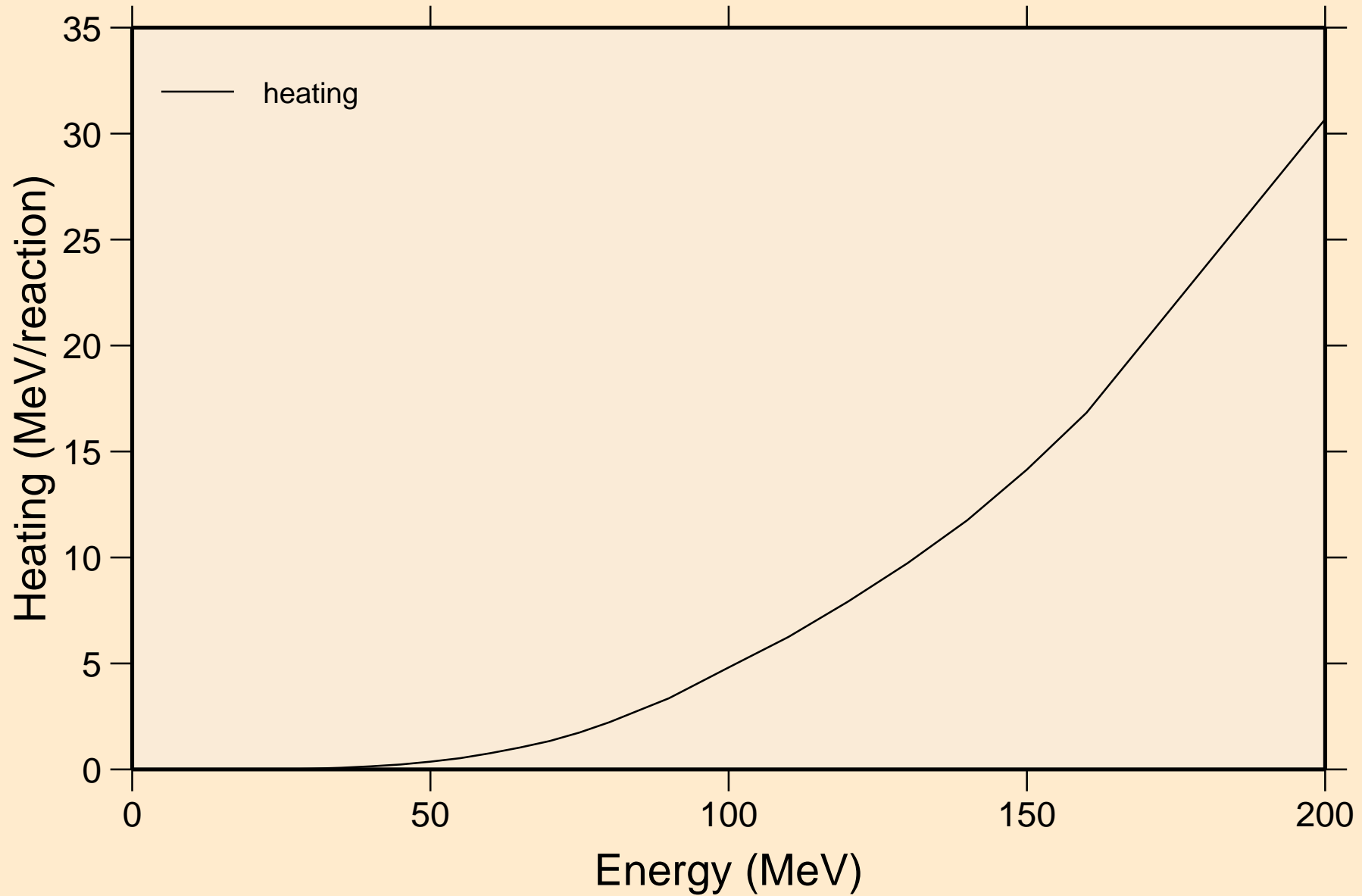
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## Principal cross sections



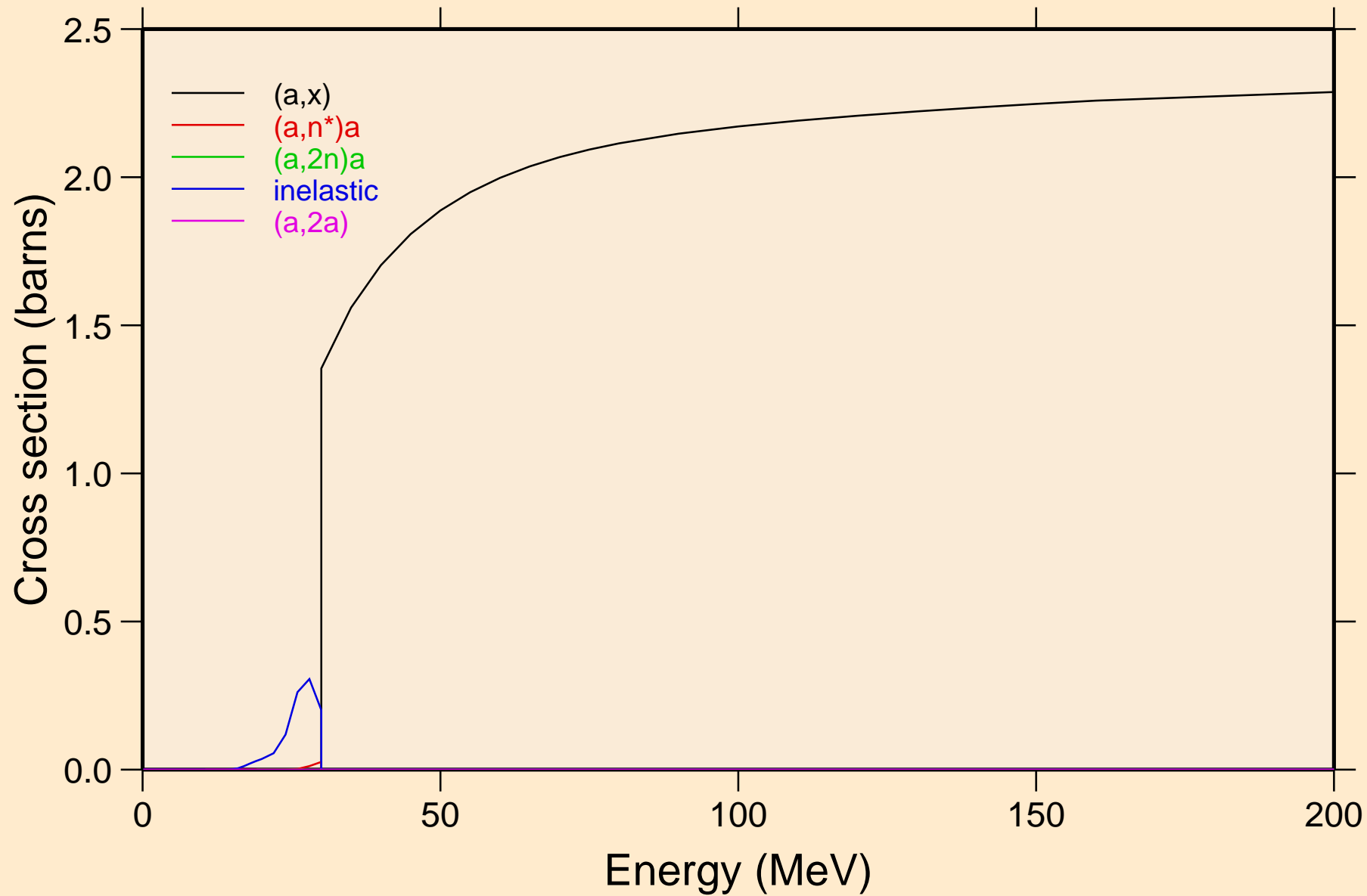
LA131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating

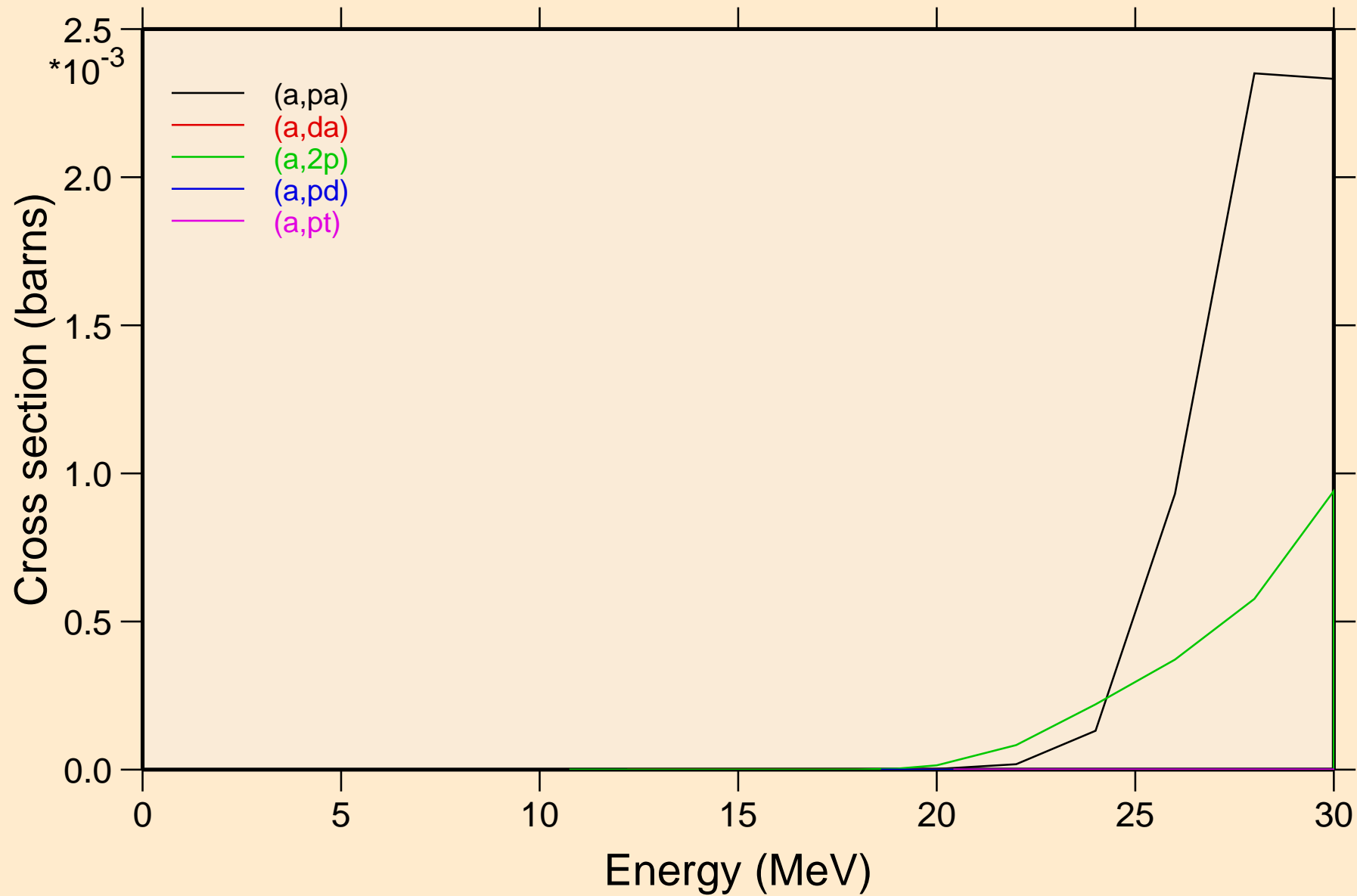


# LA131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

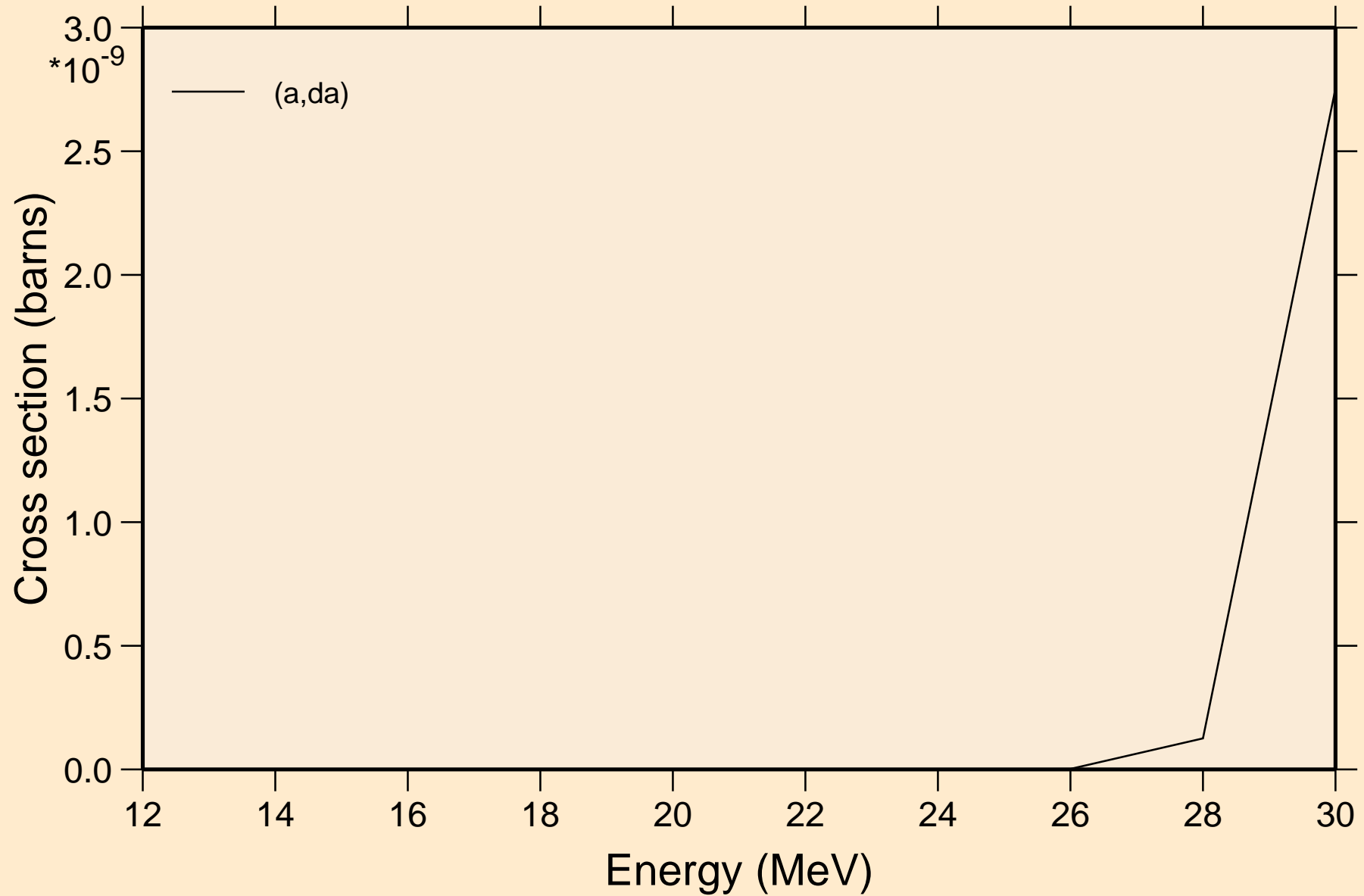
## Threshold reactions



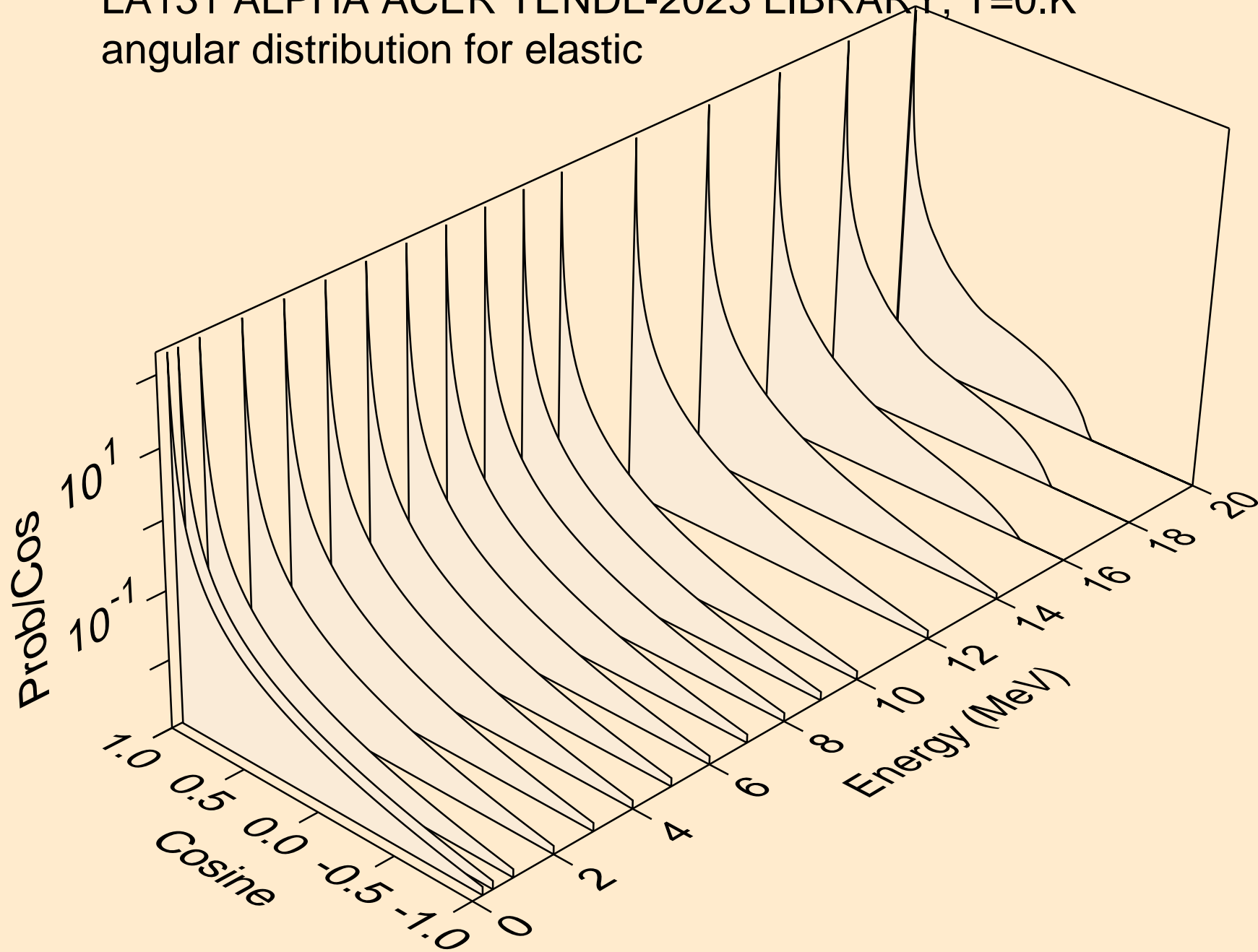
LA131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



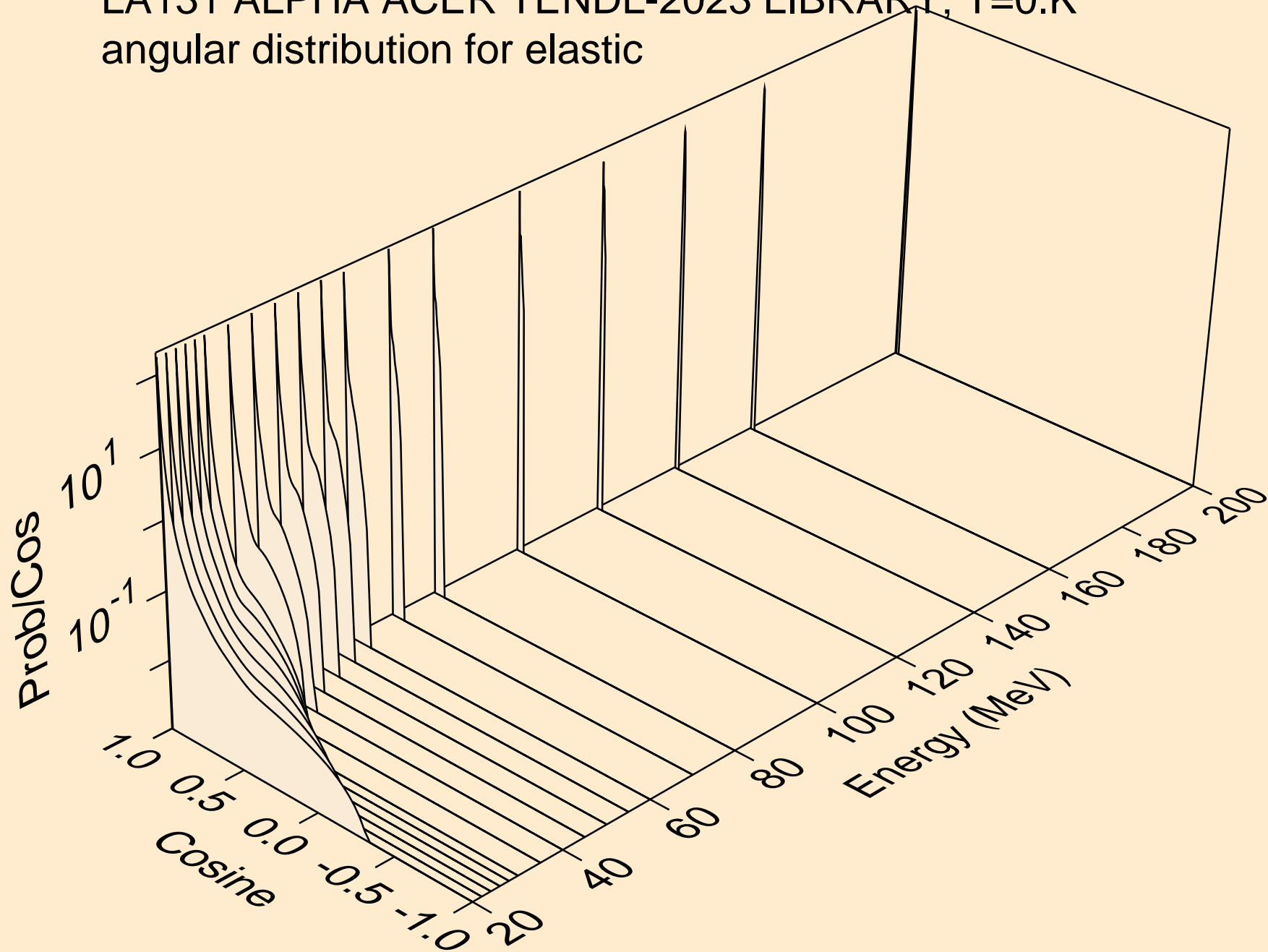
LA131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



LA131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

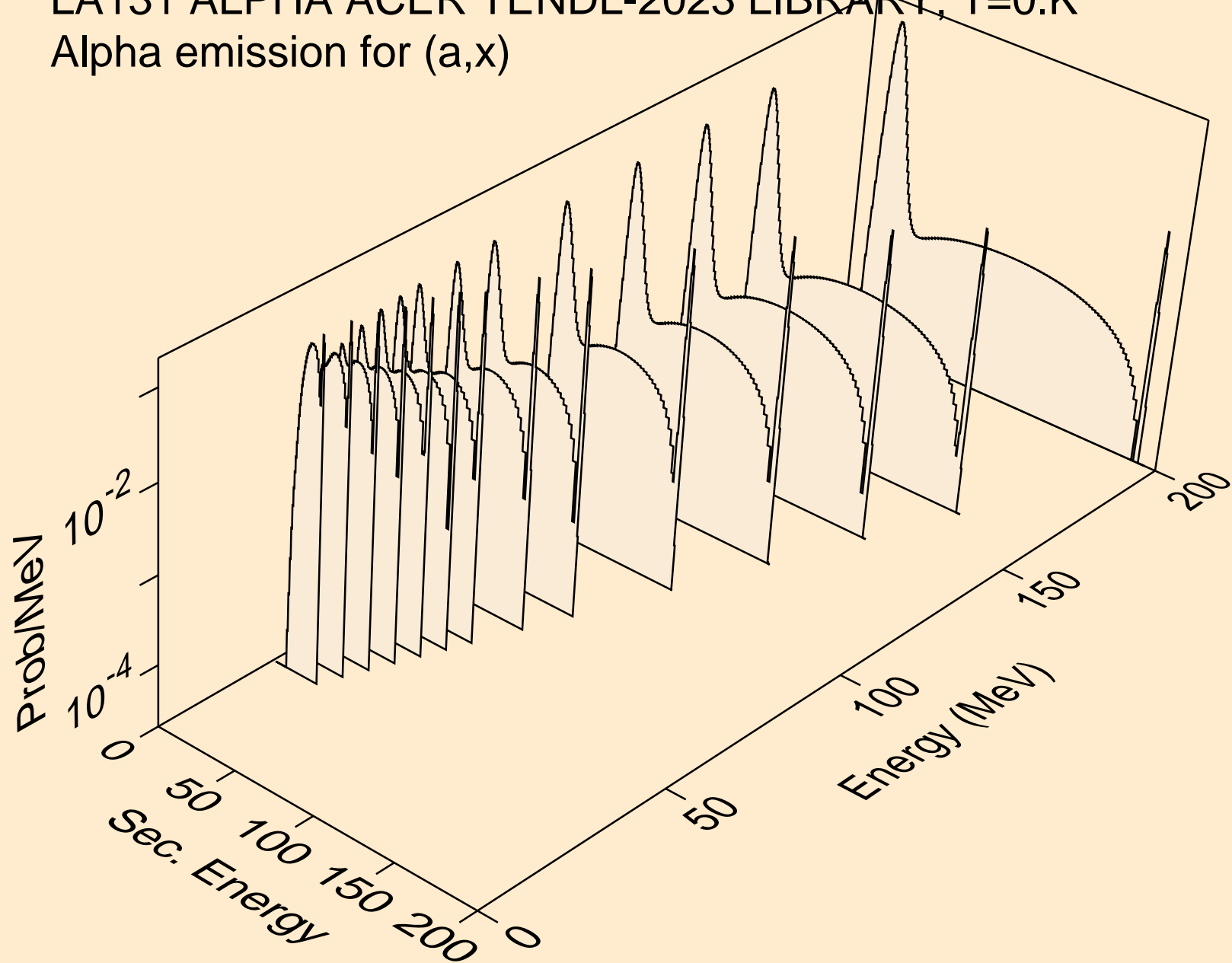


LA131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



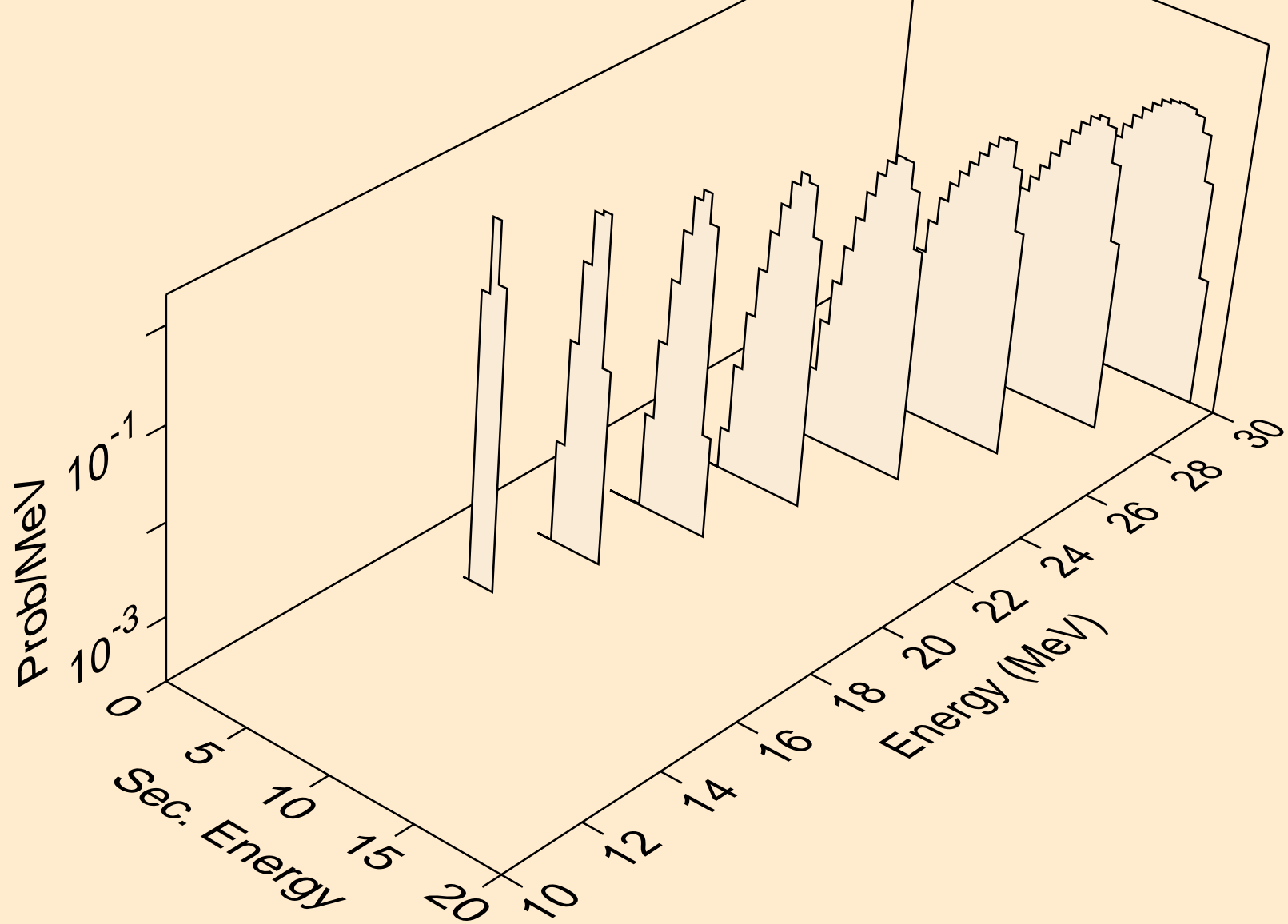
LA131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,x)



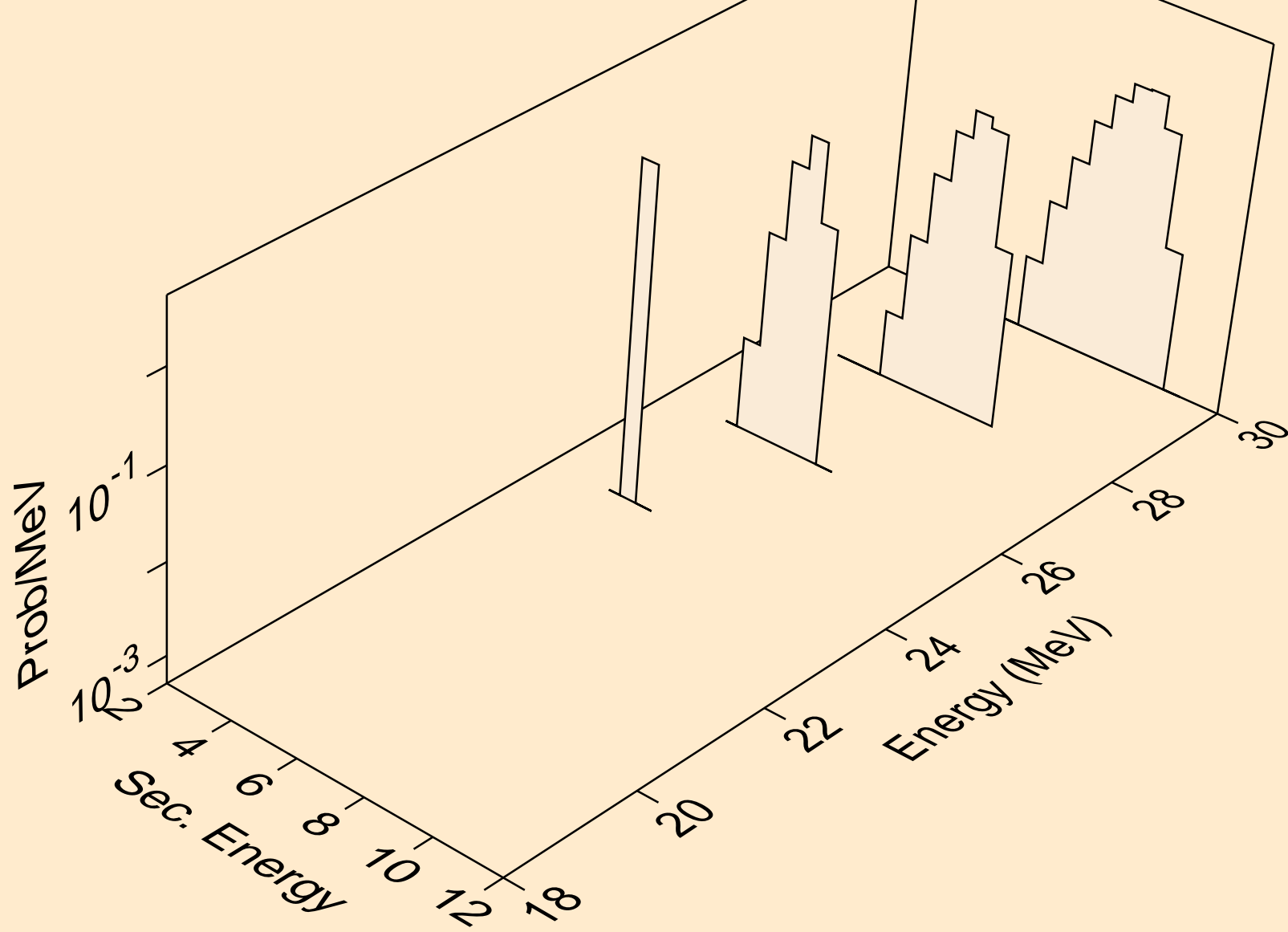
LA131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,n\*)a



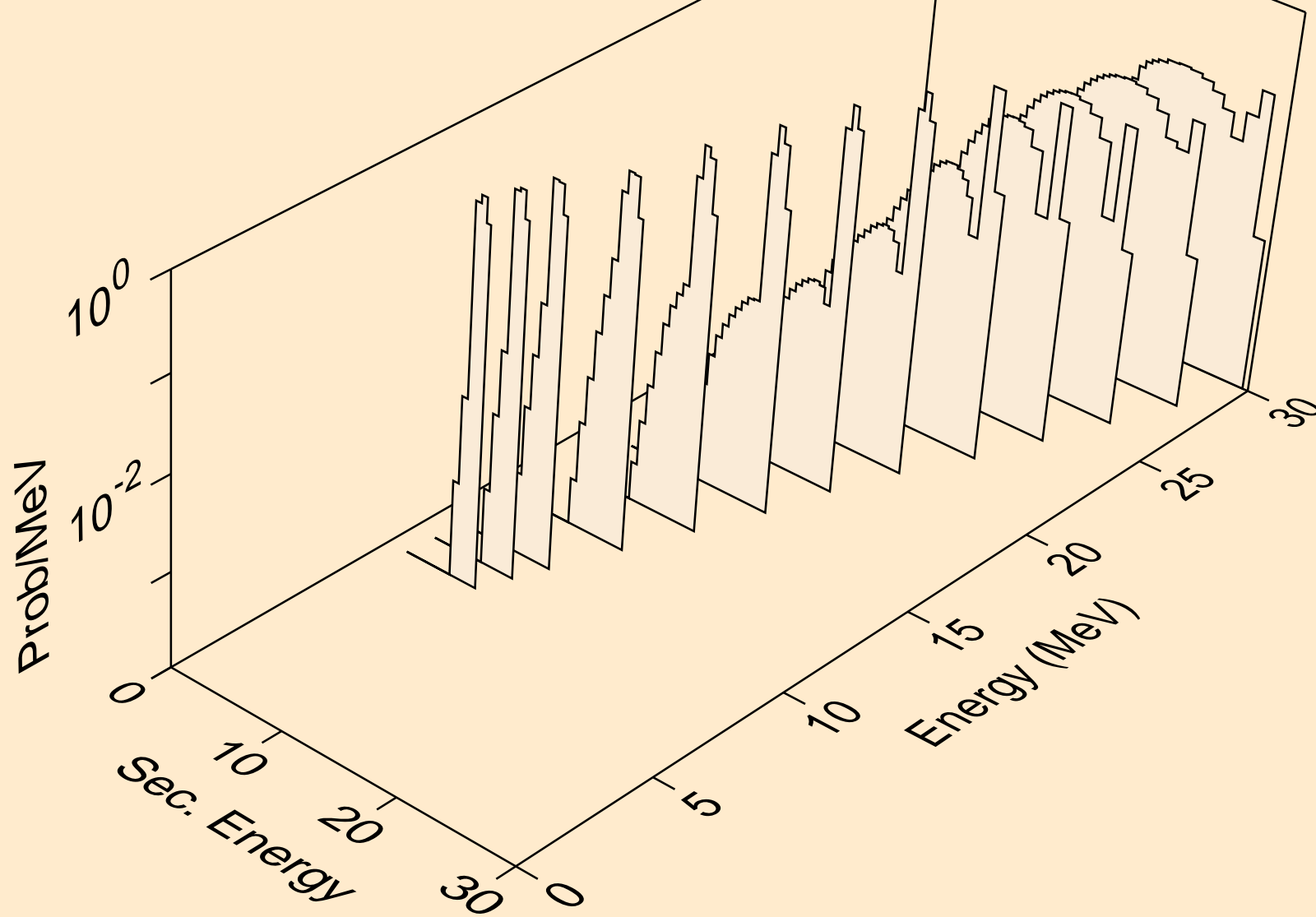
# LA131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,2n)a



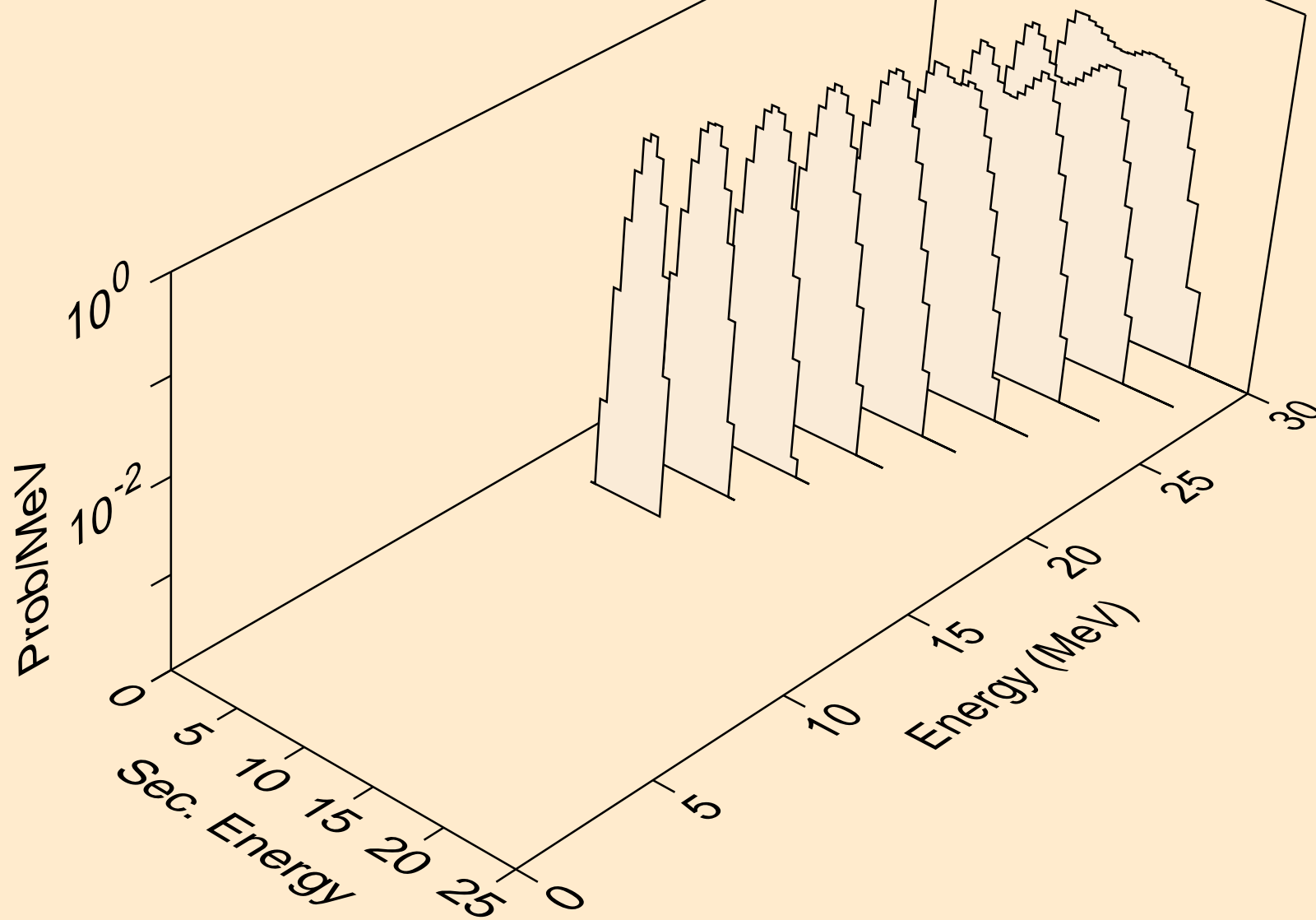
# LA131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for inelastic



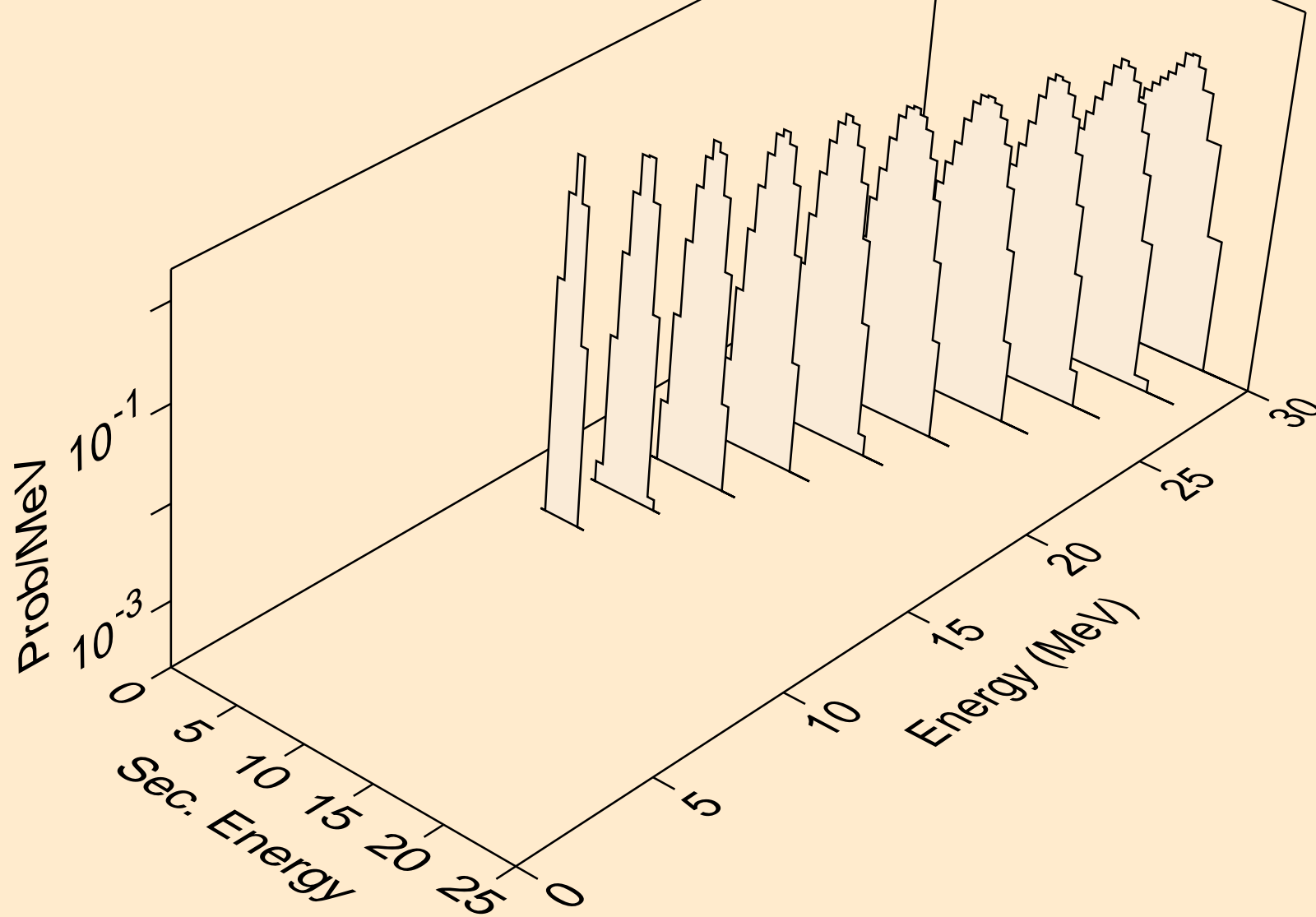
LA131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,2a)



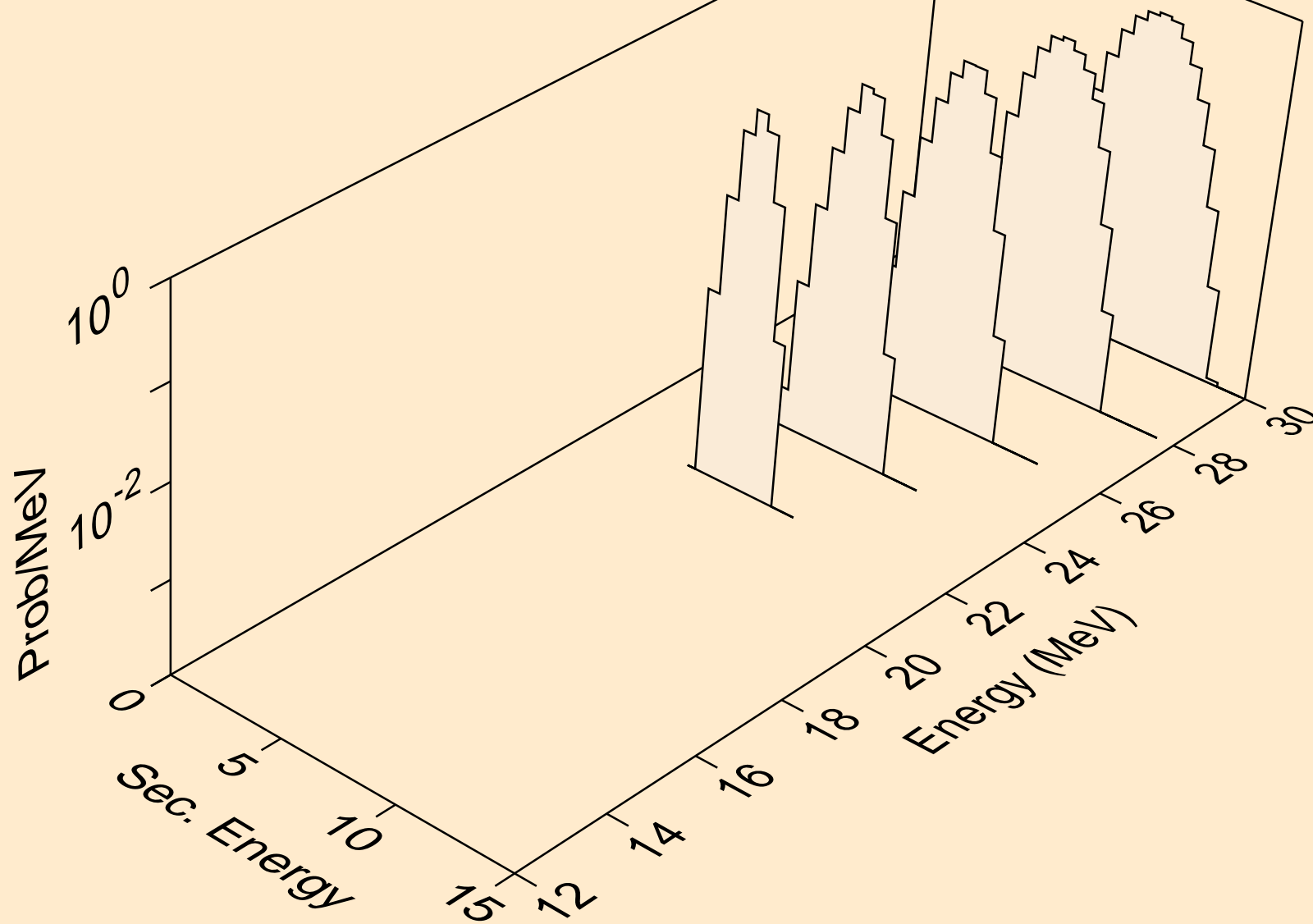
# LA131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,pa)

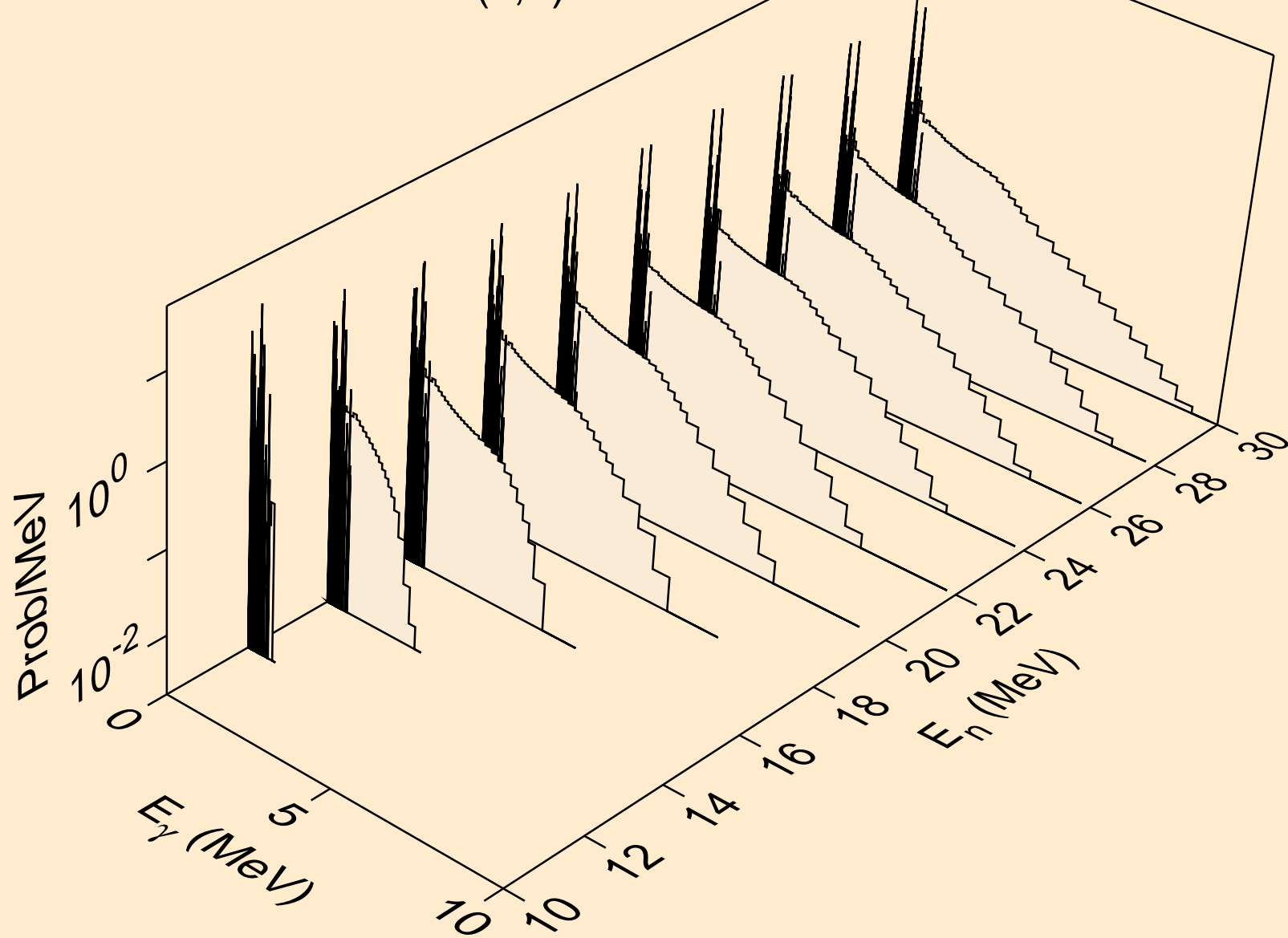


# LA131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,da)

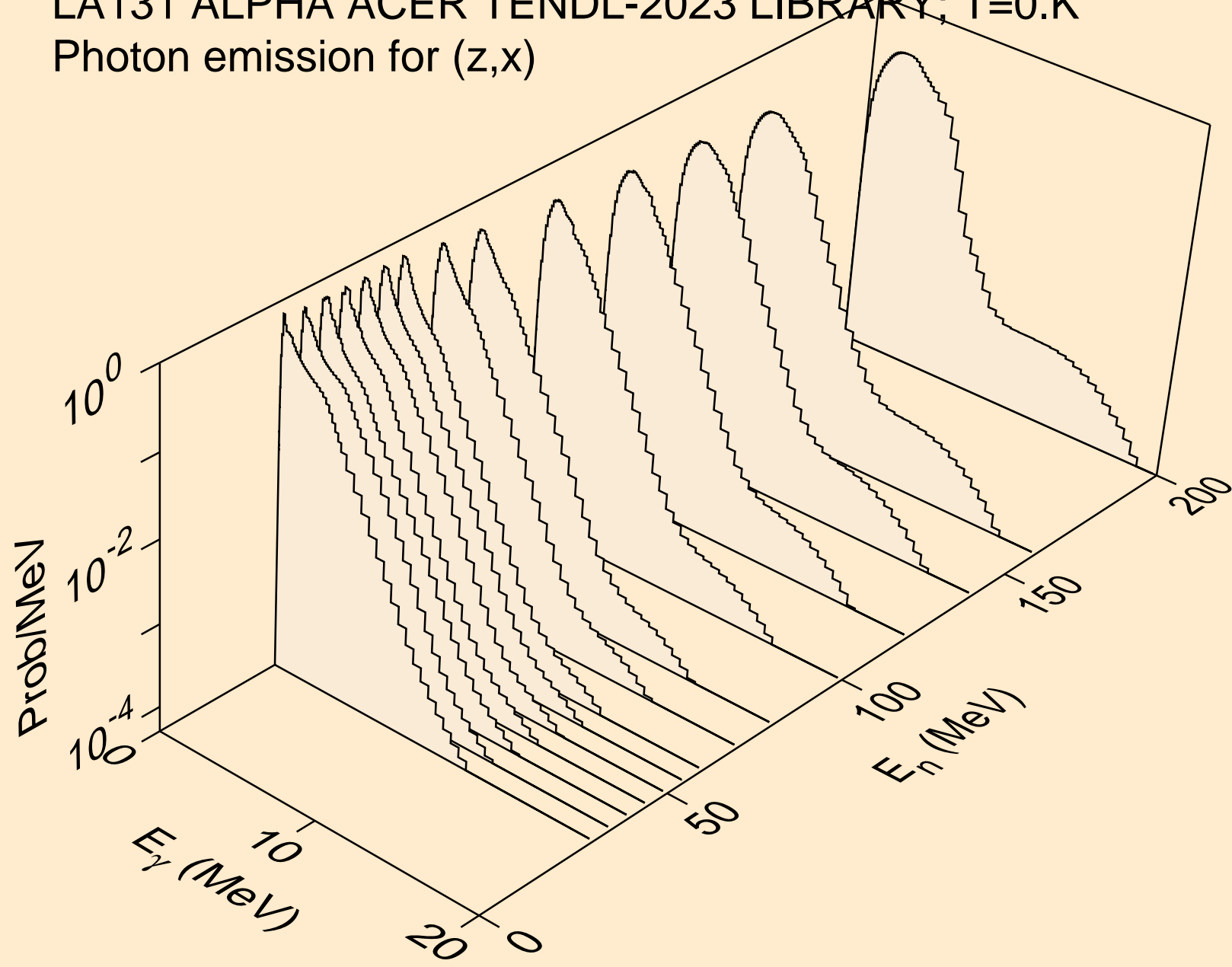


LA131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)

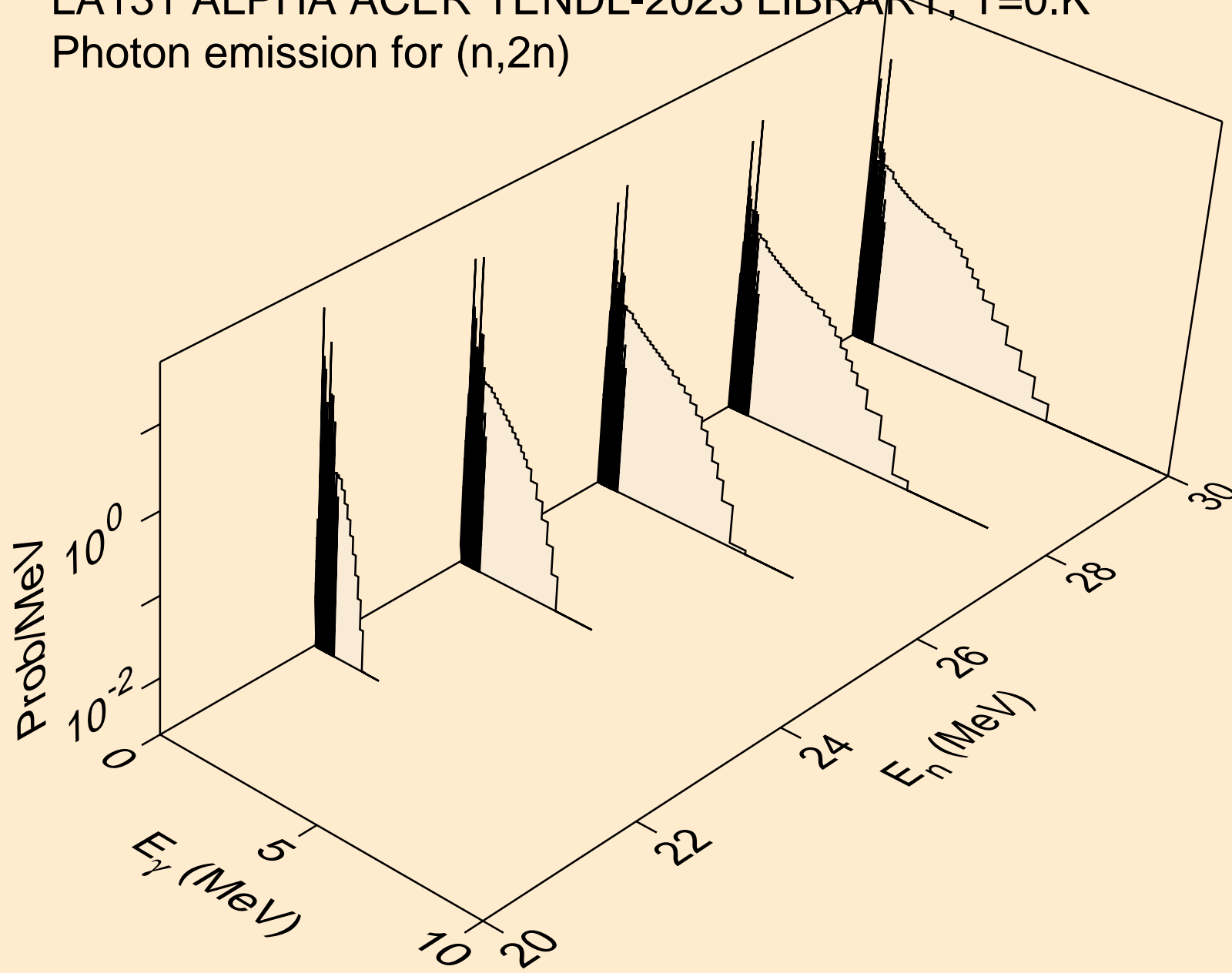


LA131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (z,x)

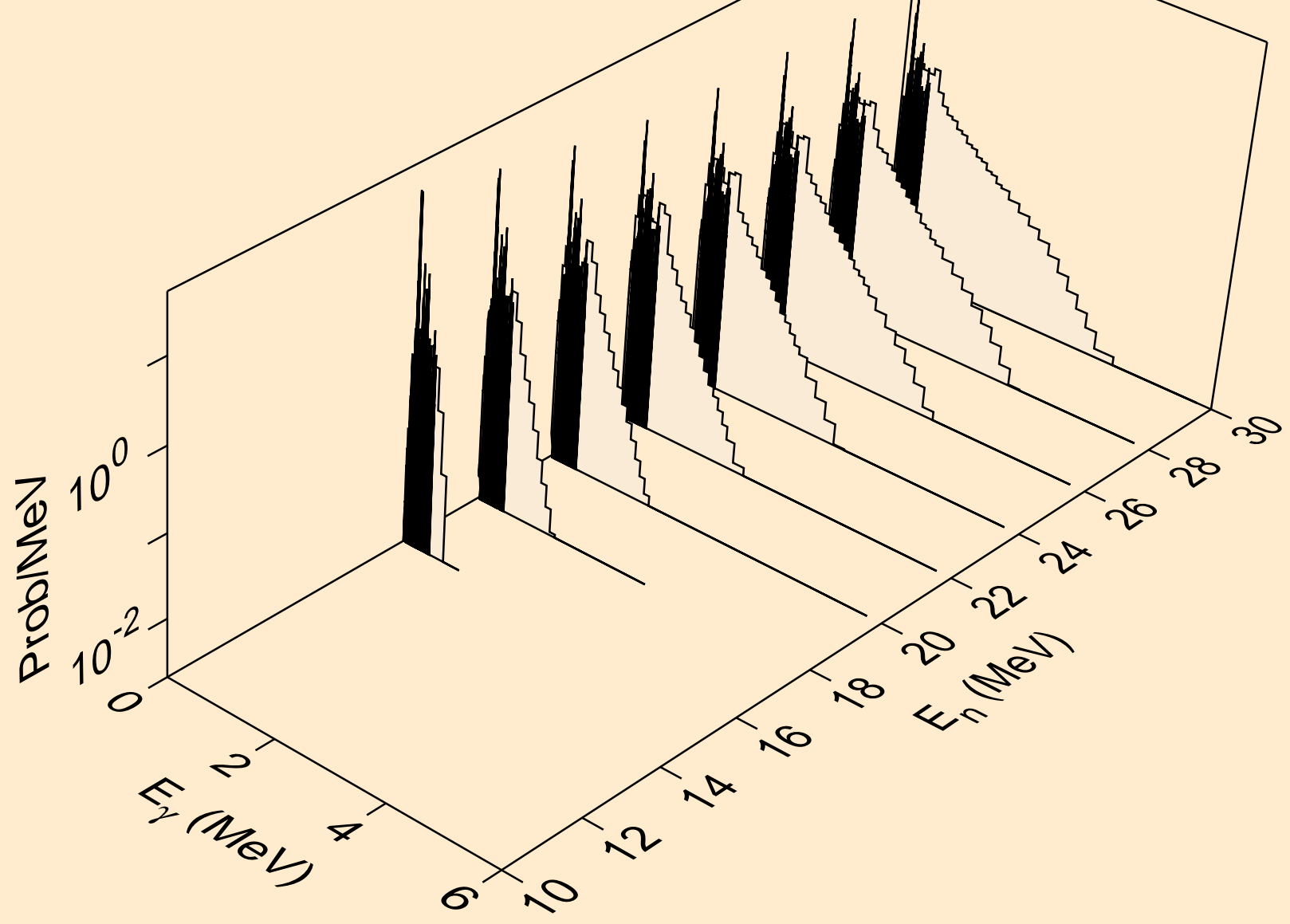


LA131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

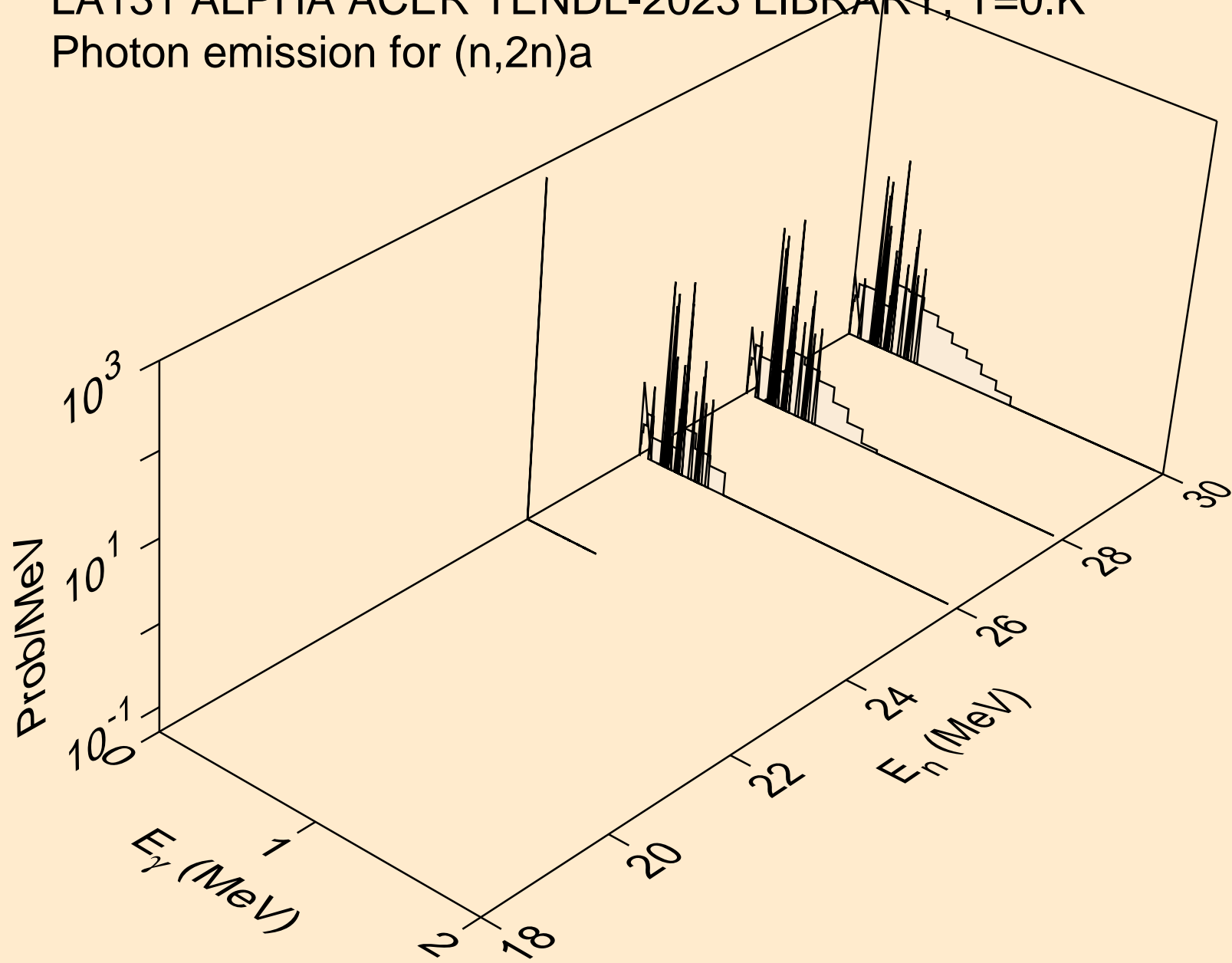


LA131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

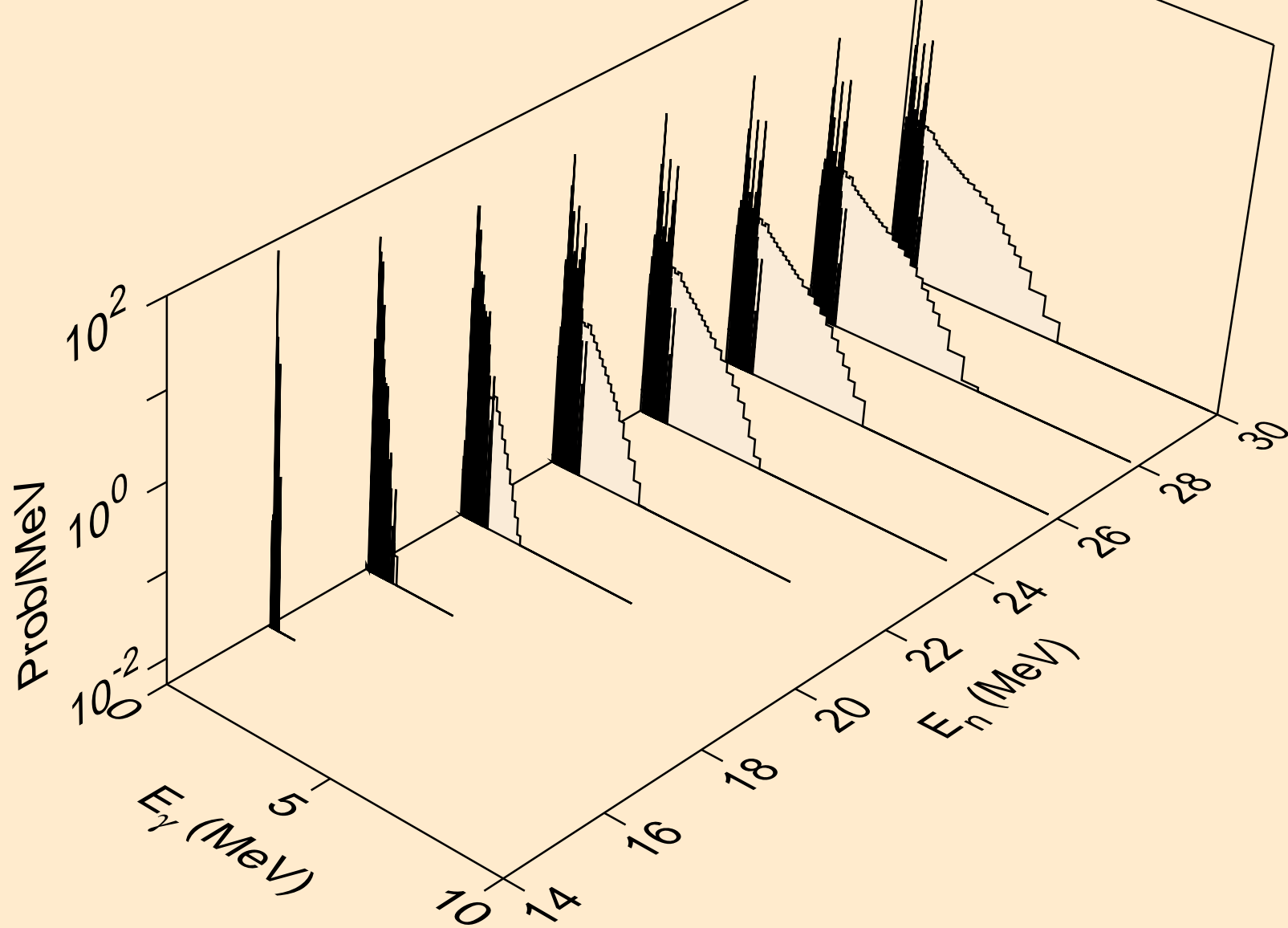
Photon emission for (n,n\*)a



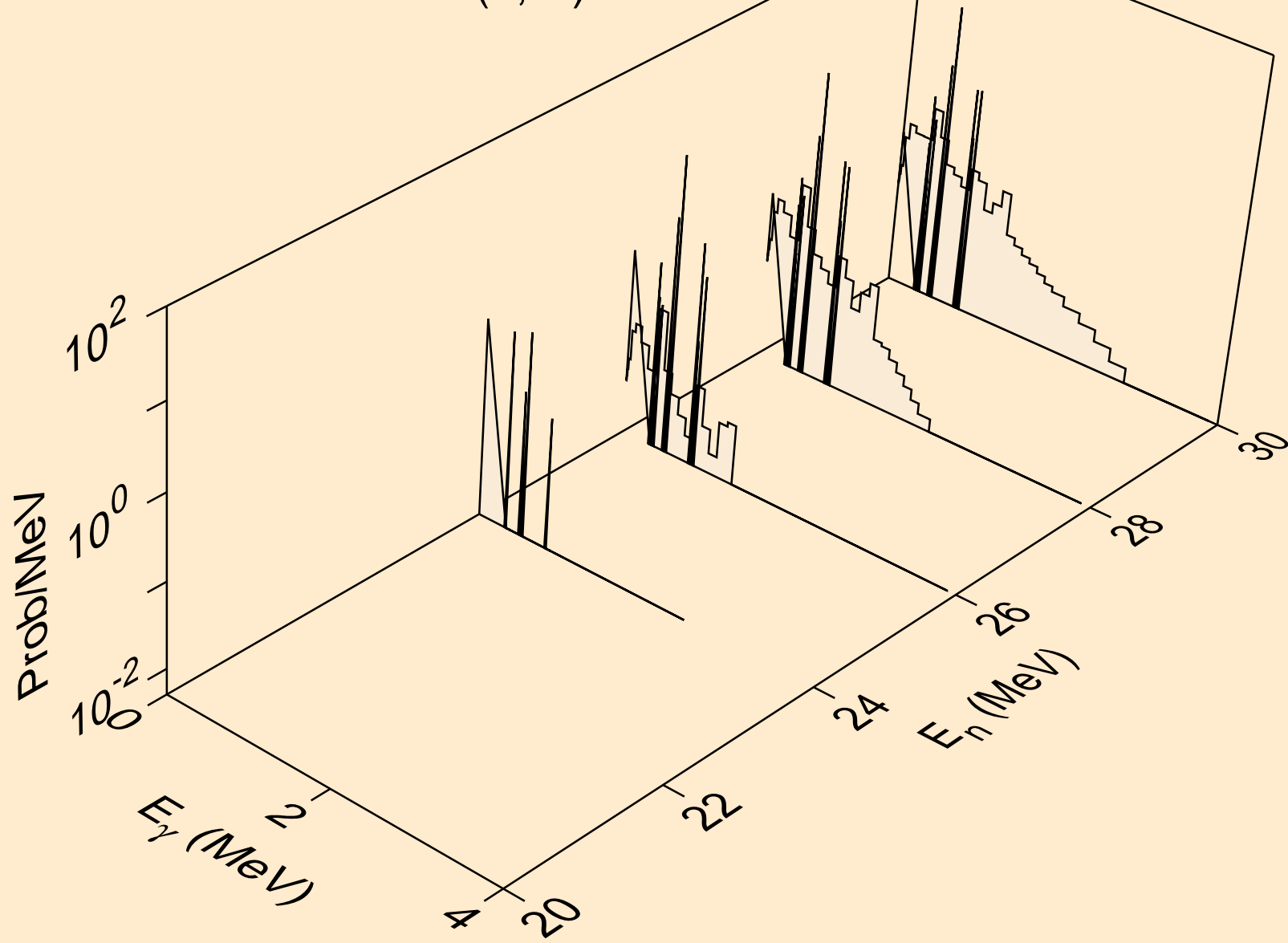
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Photon emission for (n,2n)a



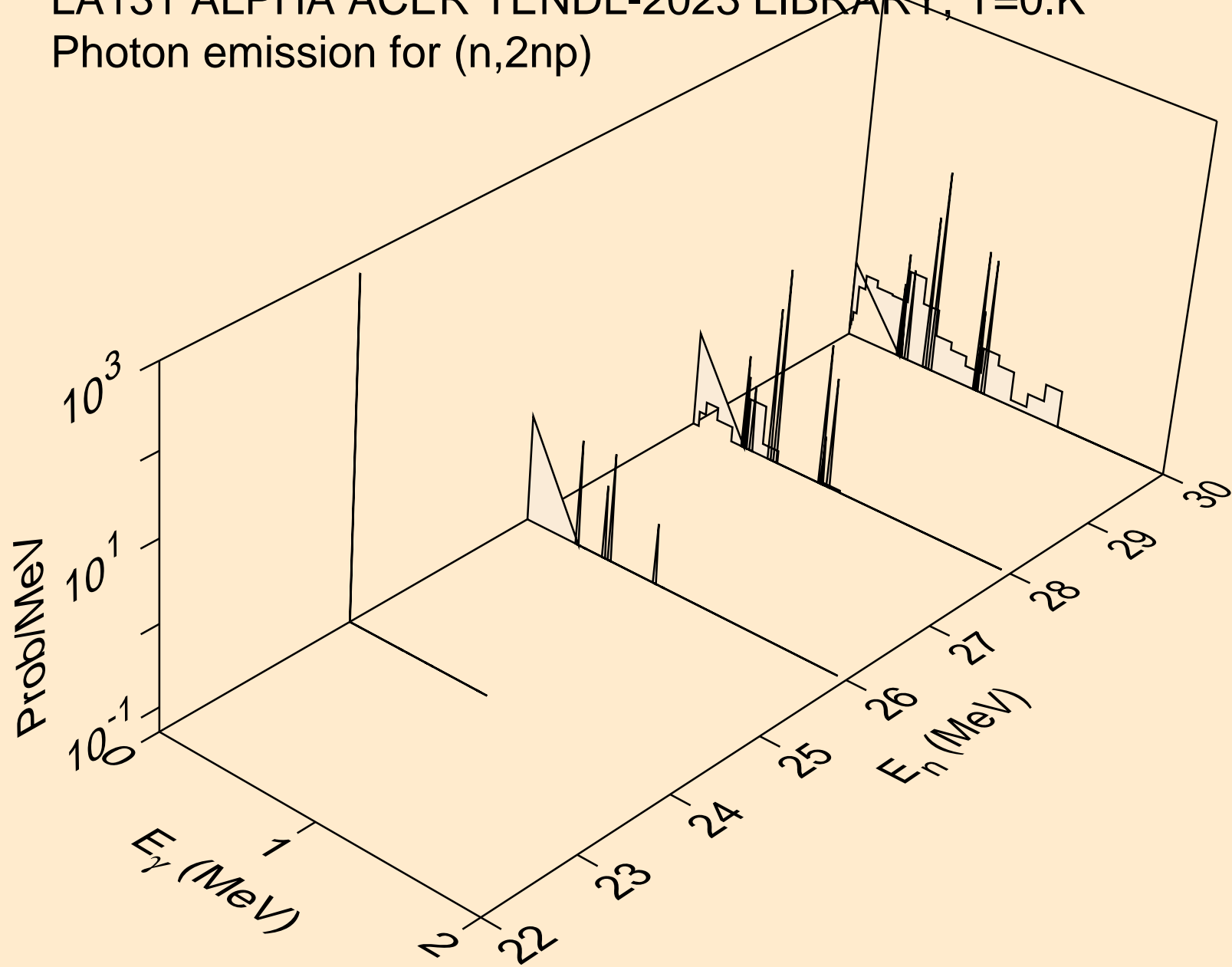
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Photon emission for (n,n\*)p



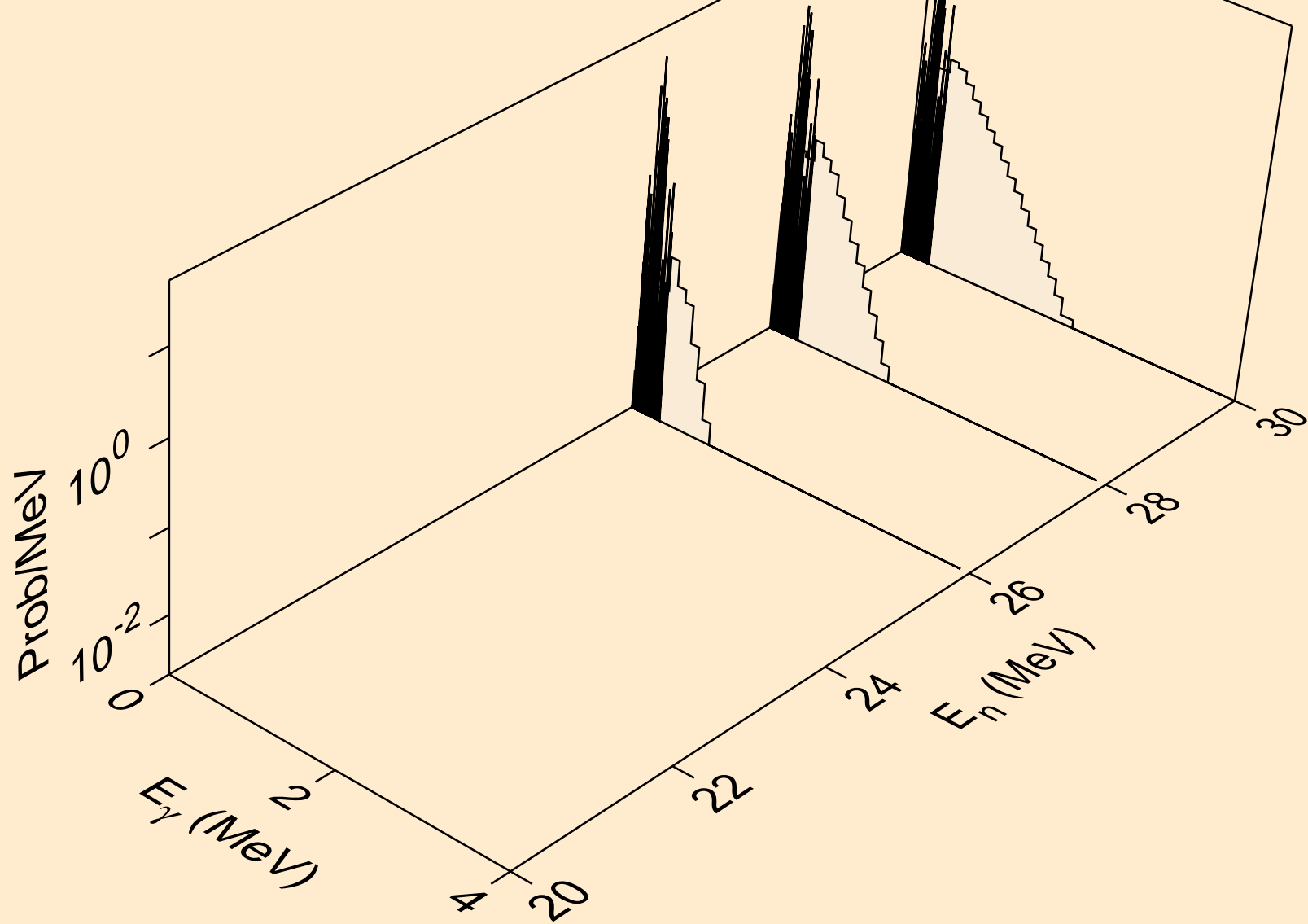
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Photon emission for (n,n\*)d



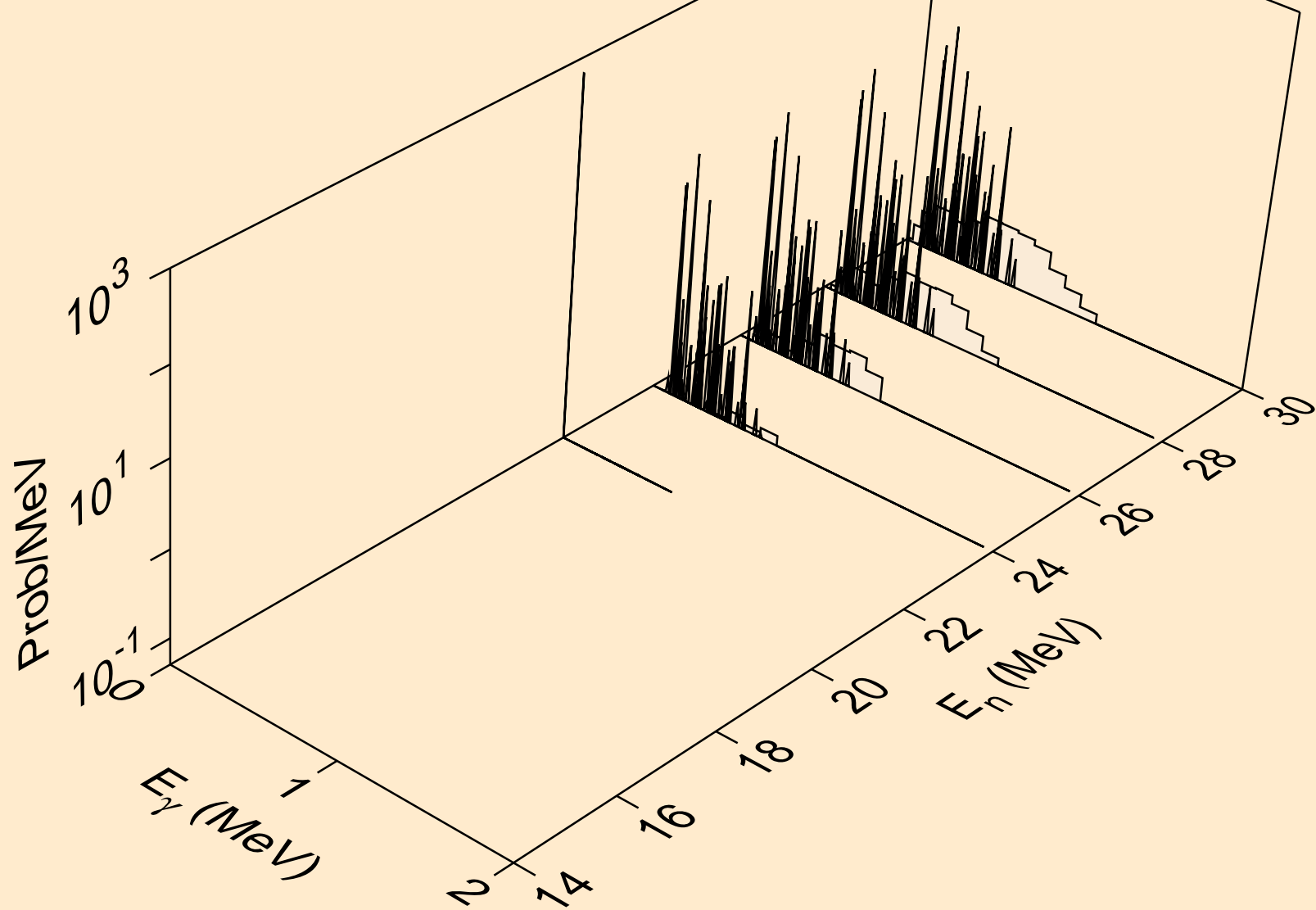
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Photon emission for (n,2np)



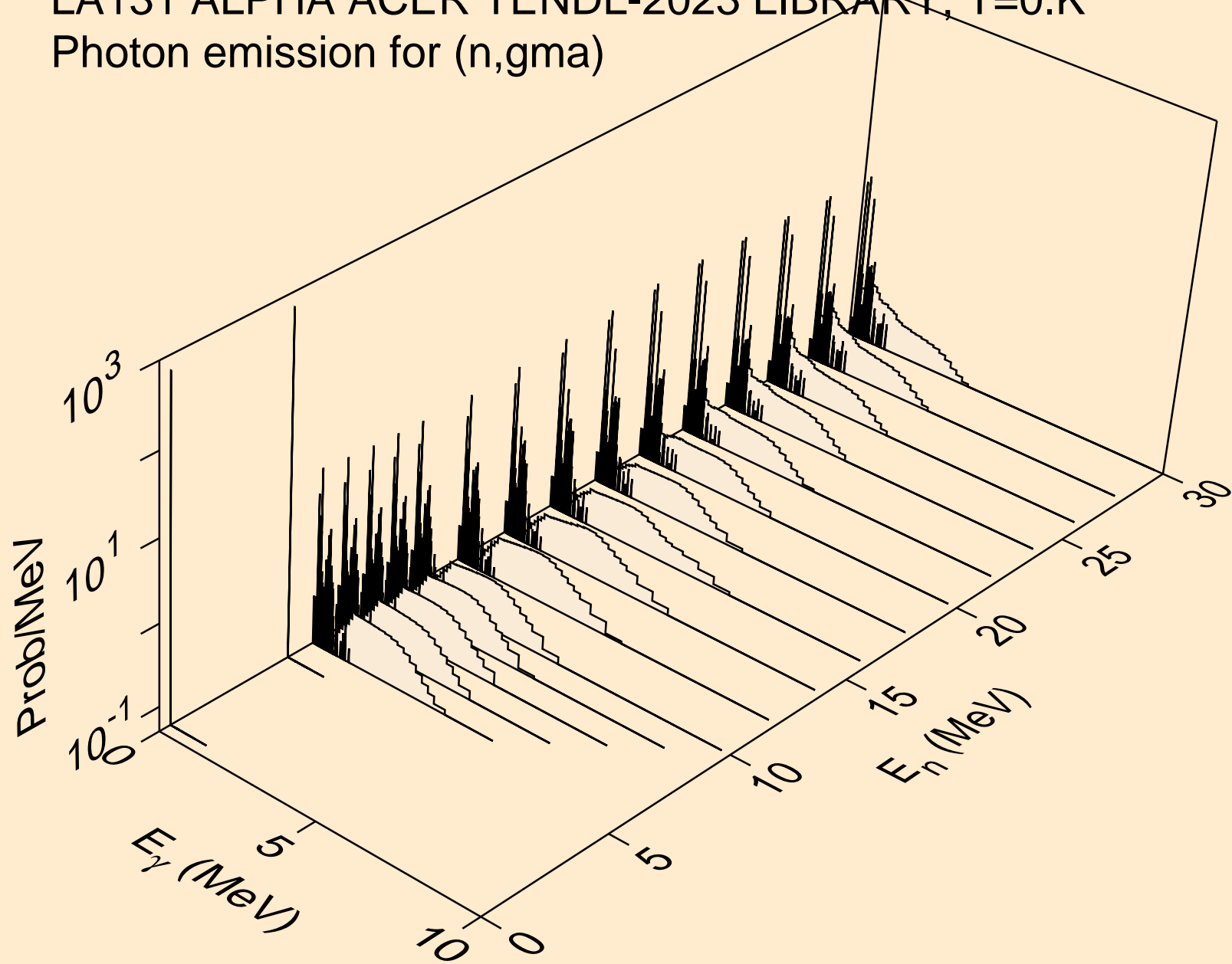
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Photon emission for (n,n2p)



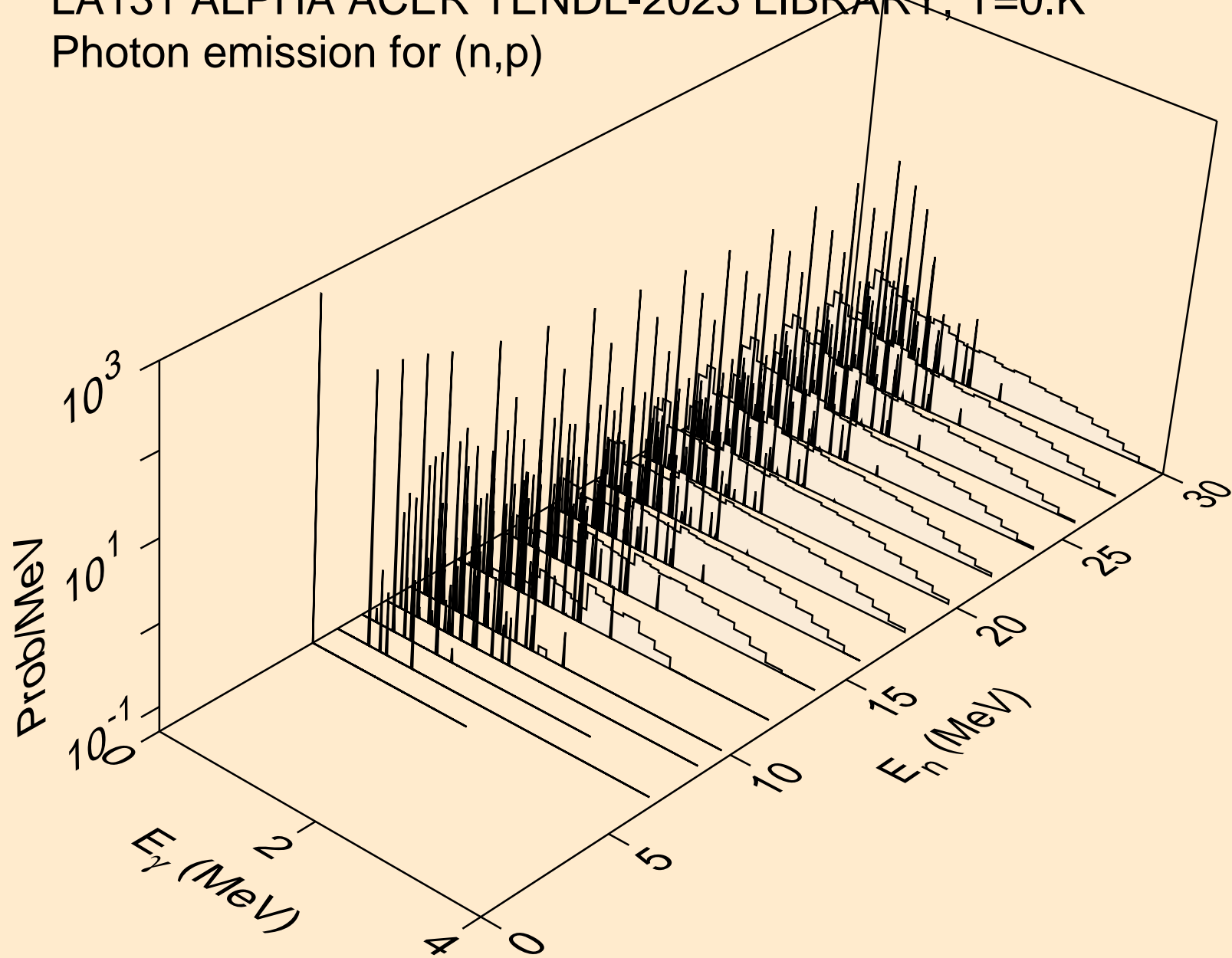
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Photon emission for (n,npa)



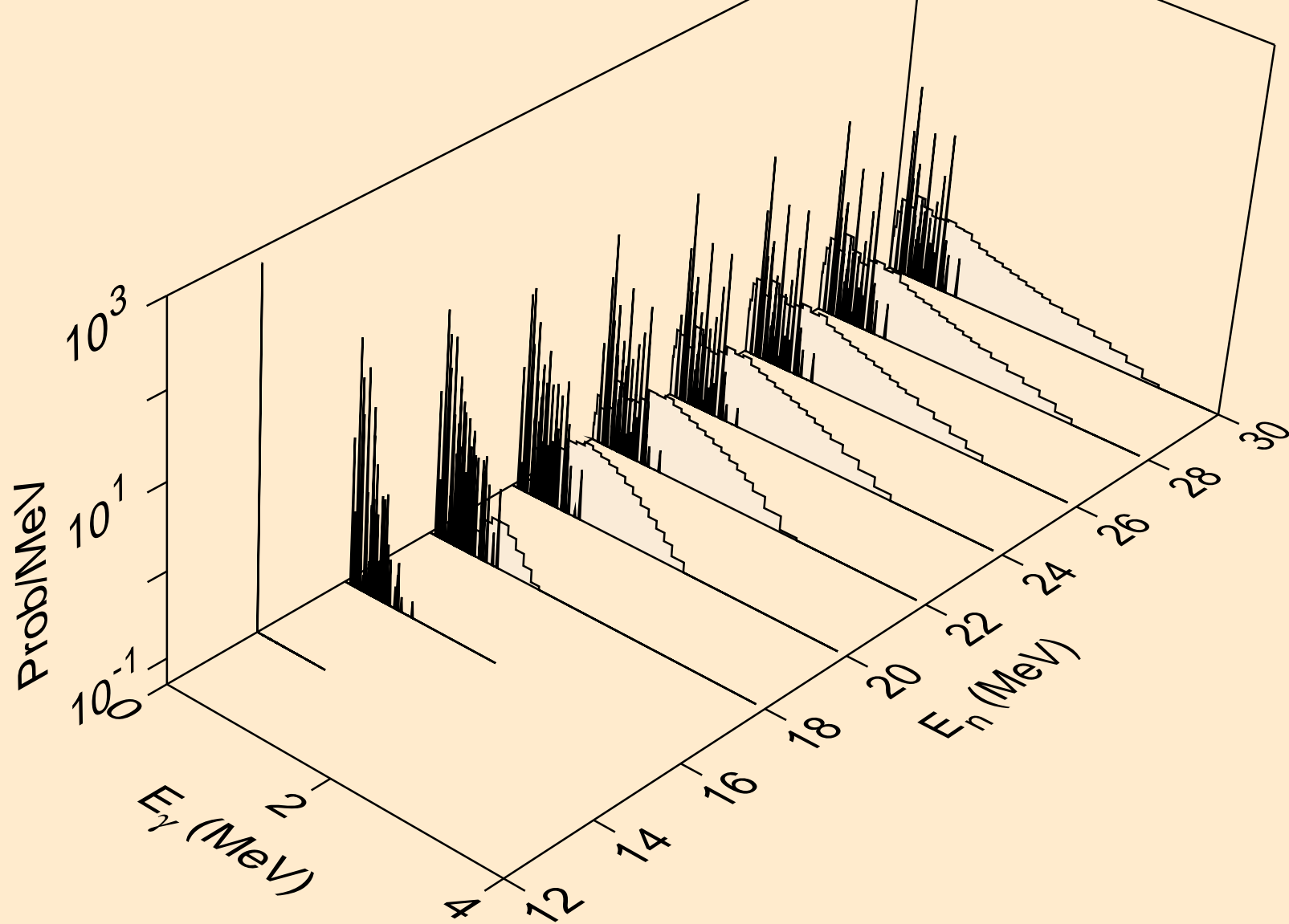
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Photon emission for (n,gma)



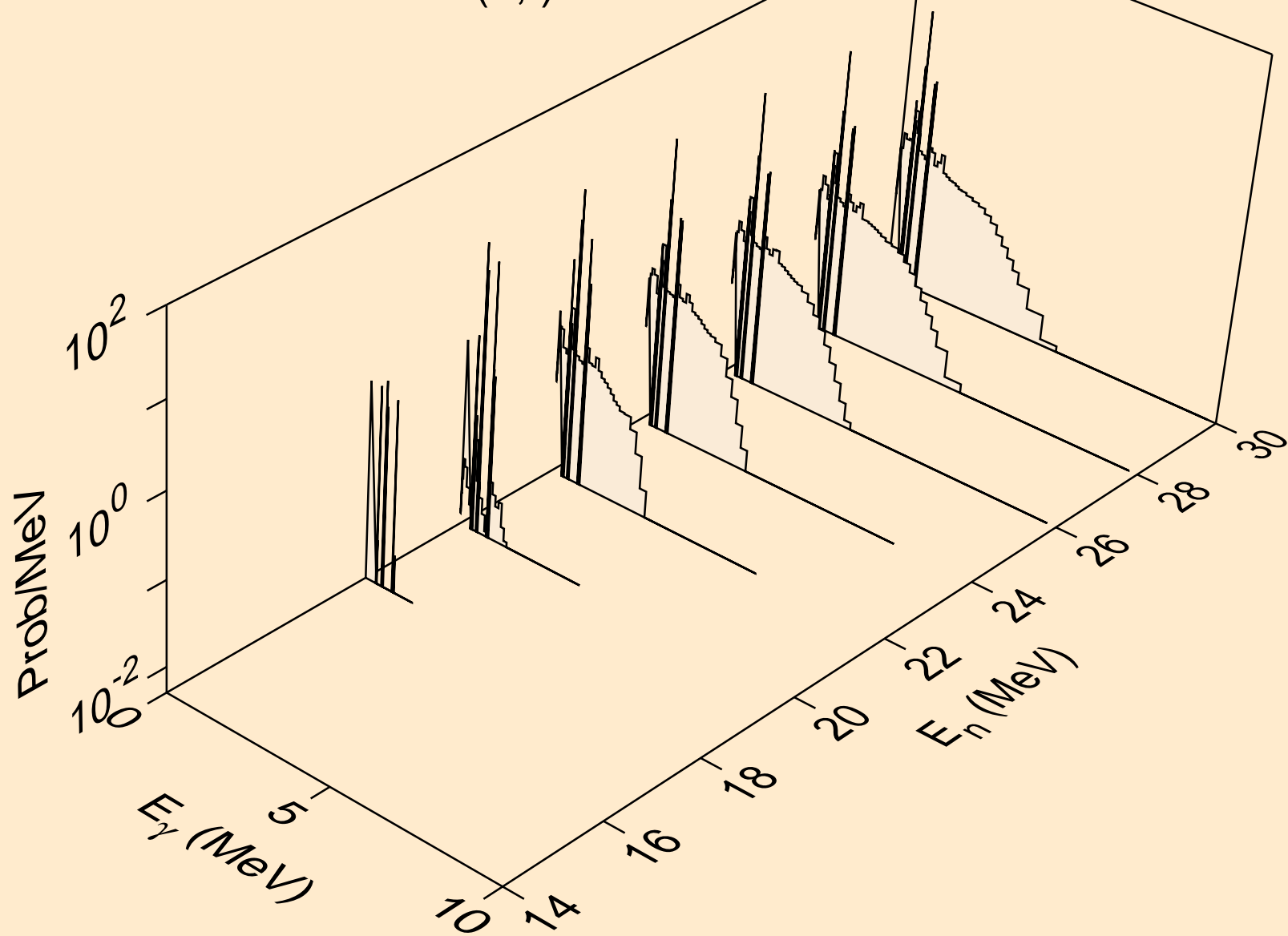
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Photon emission for (n,p)



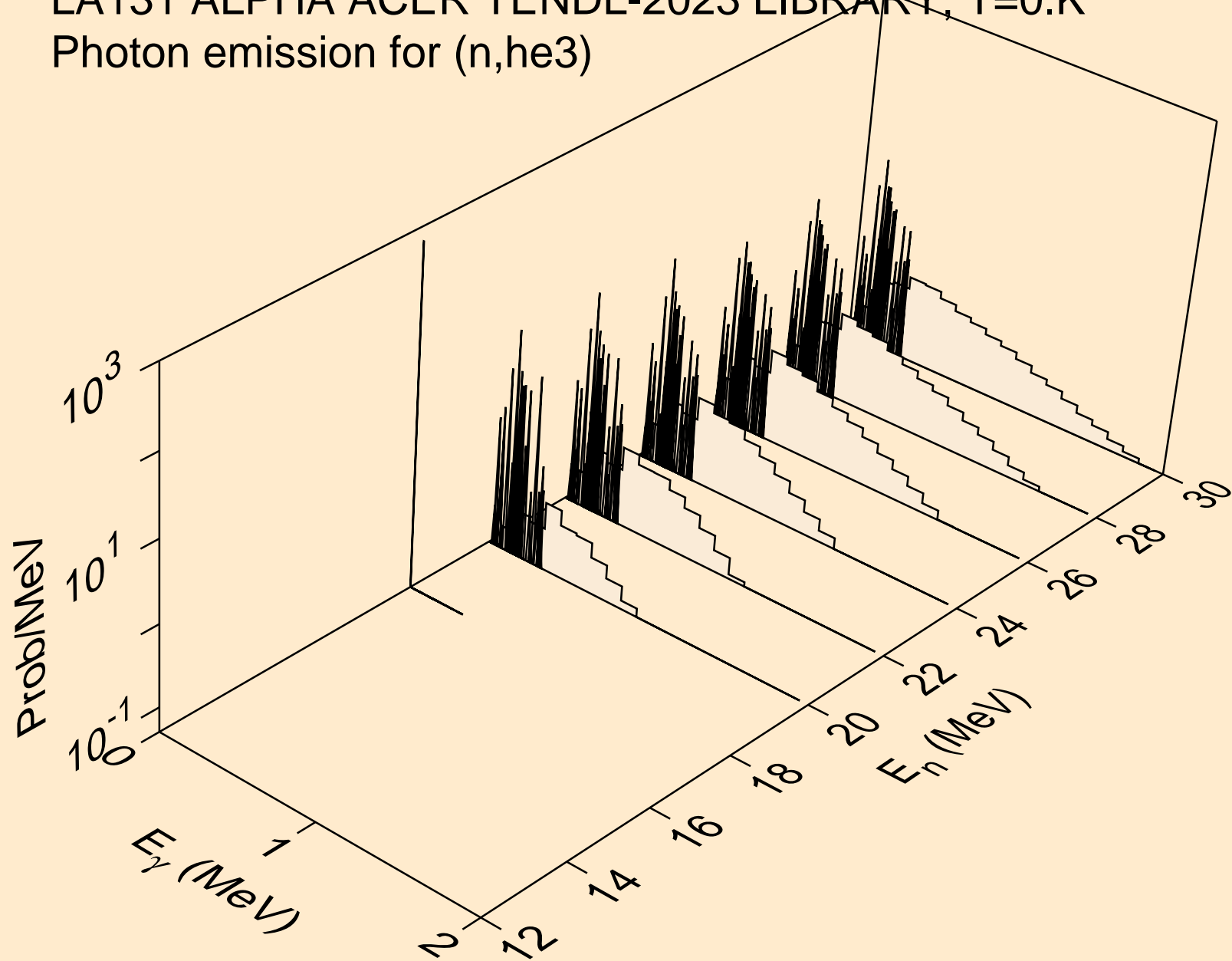
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Photon emission for (n,d)



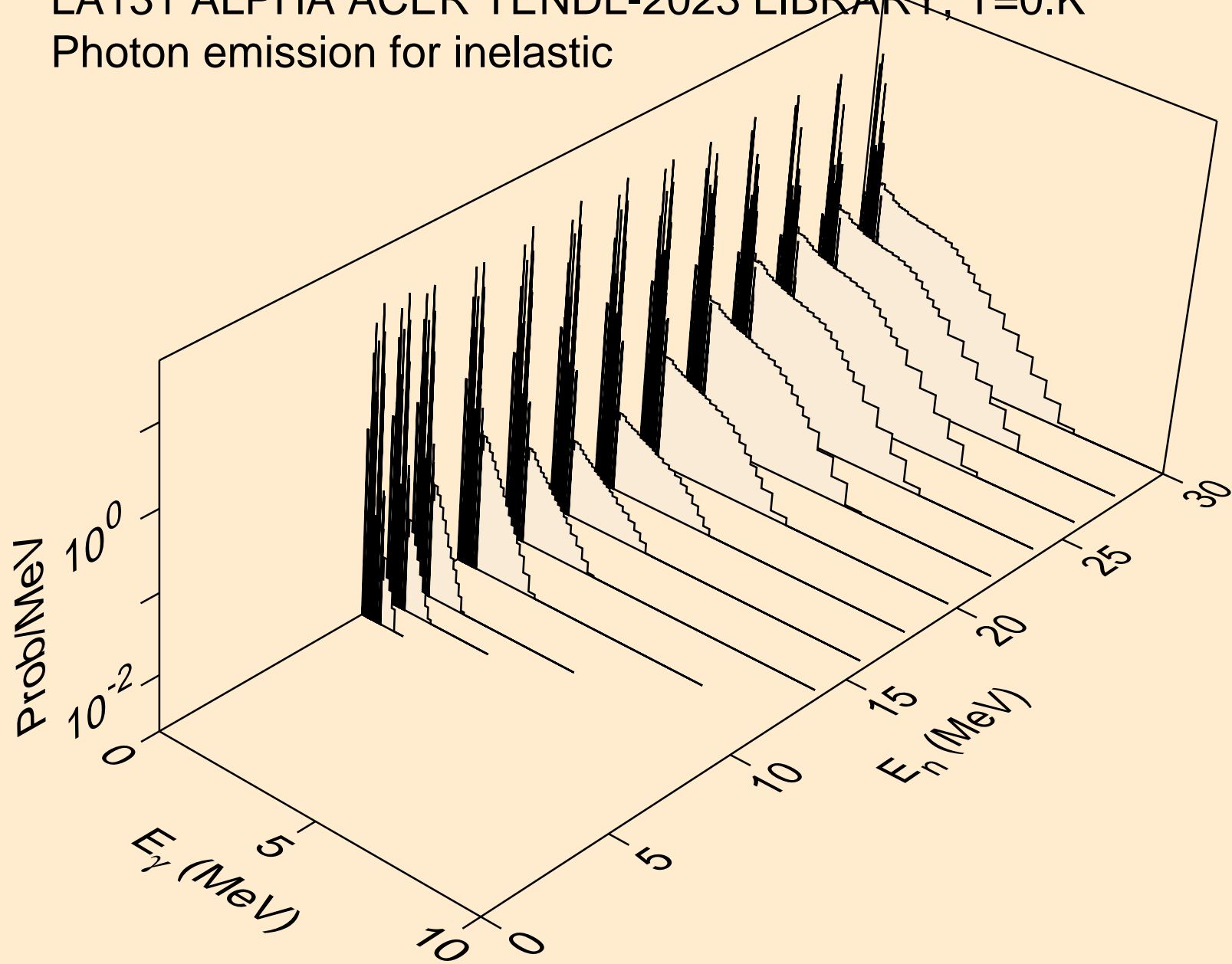
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Photon emission for (n,t)



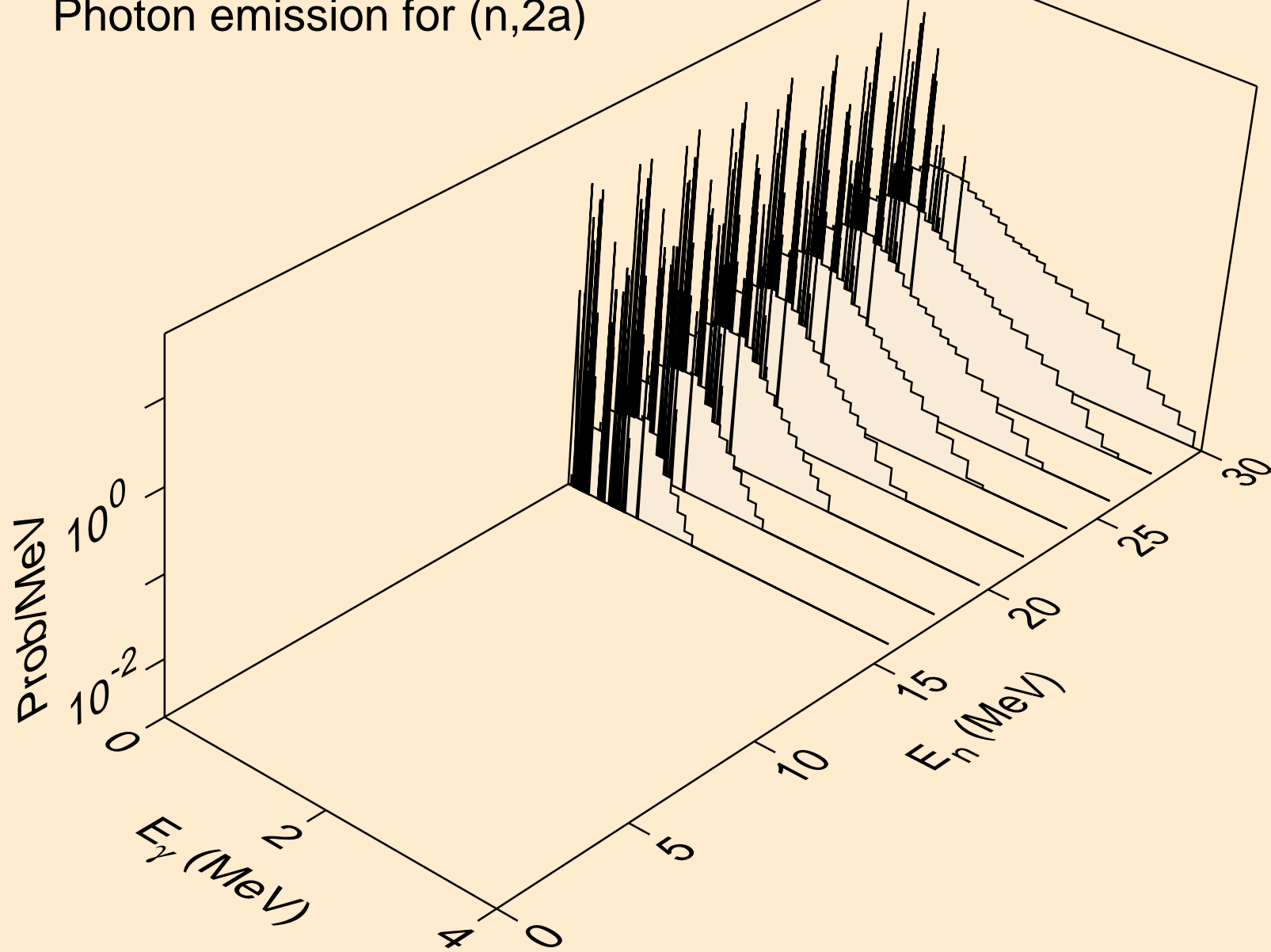
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Photon emission for (n,he3)



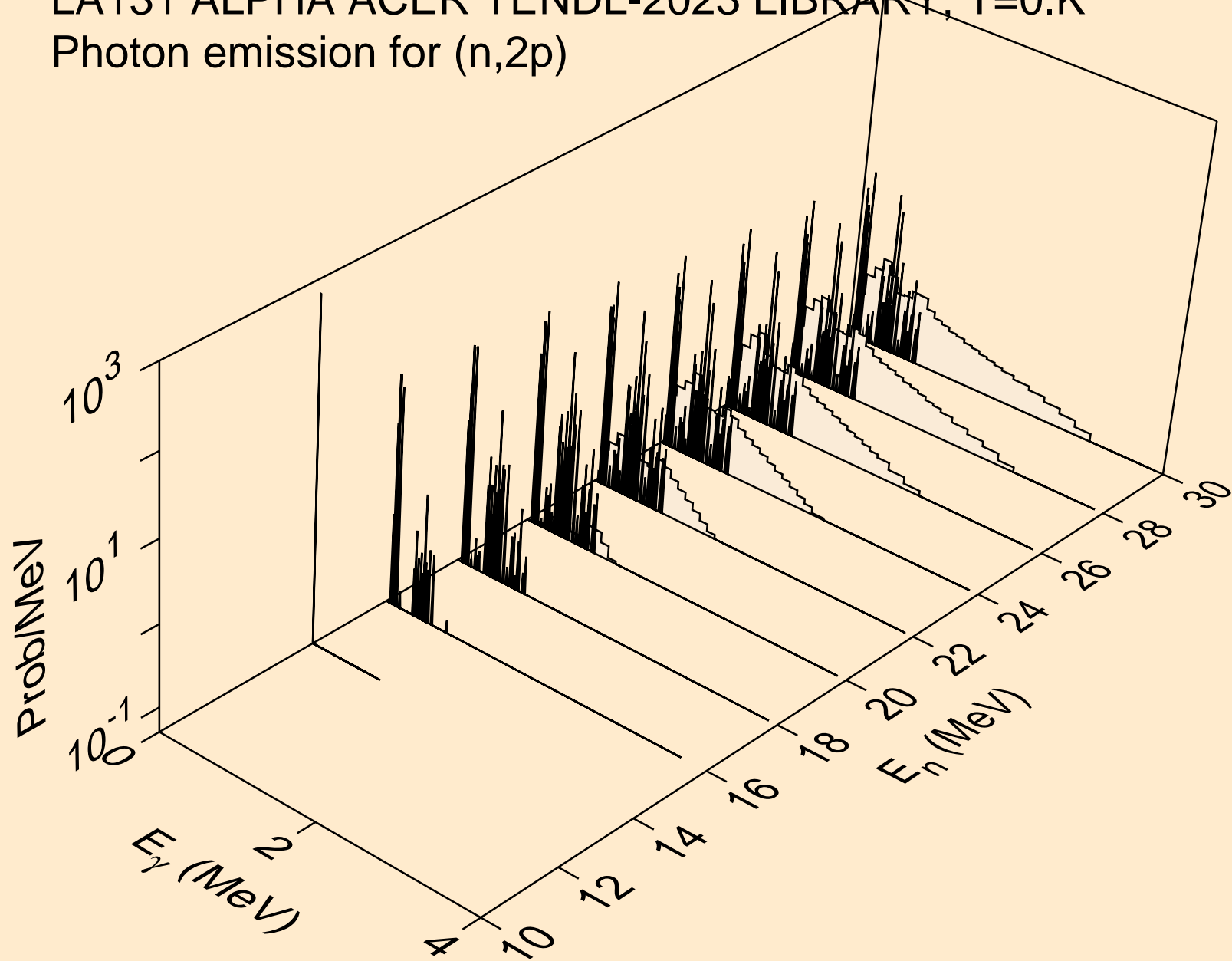
LA131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



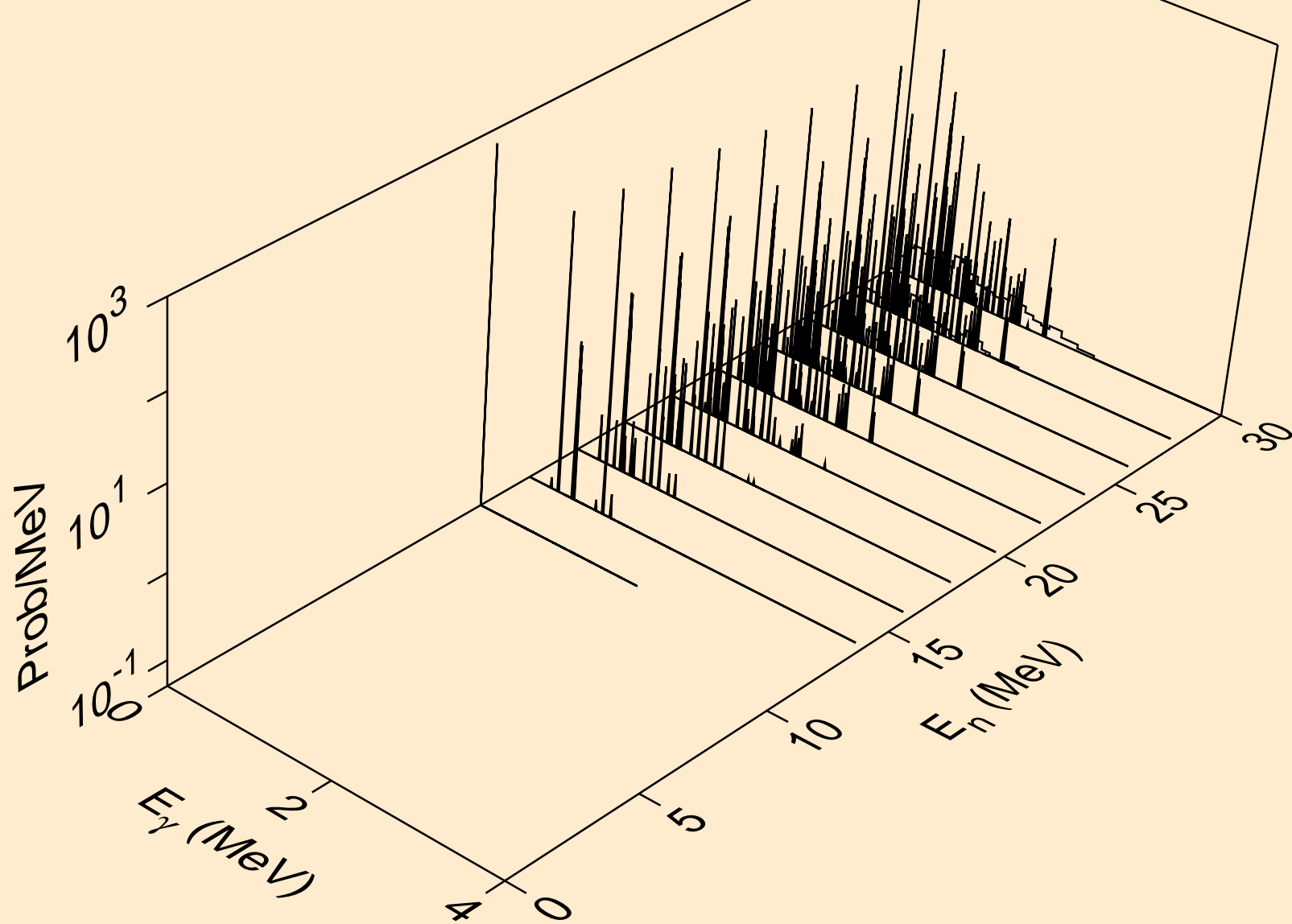
LA131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



LA131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)

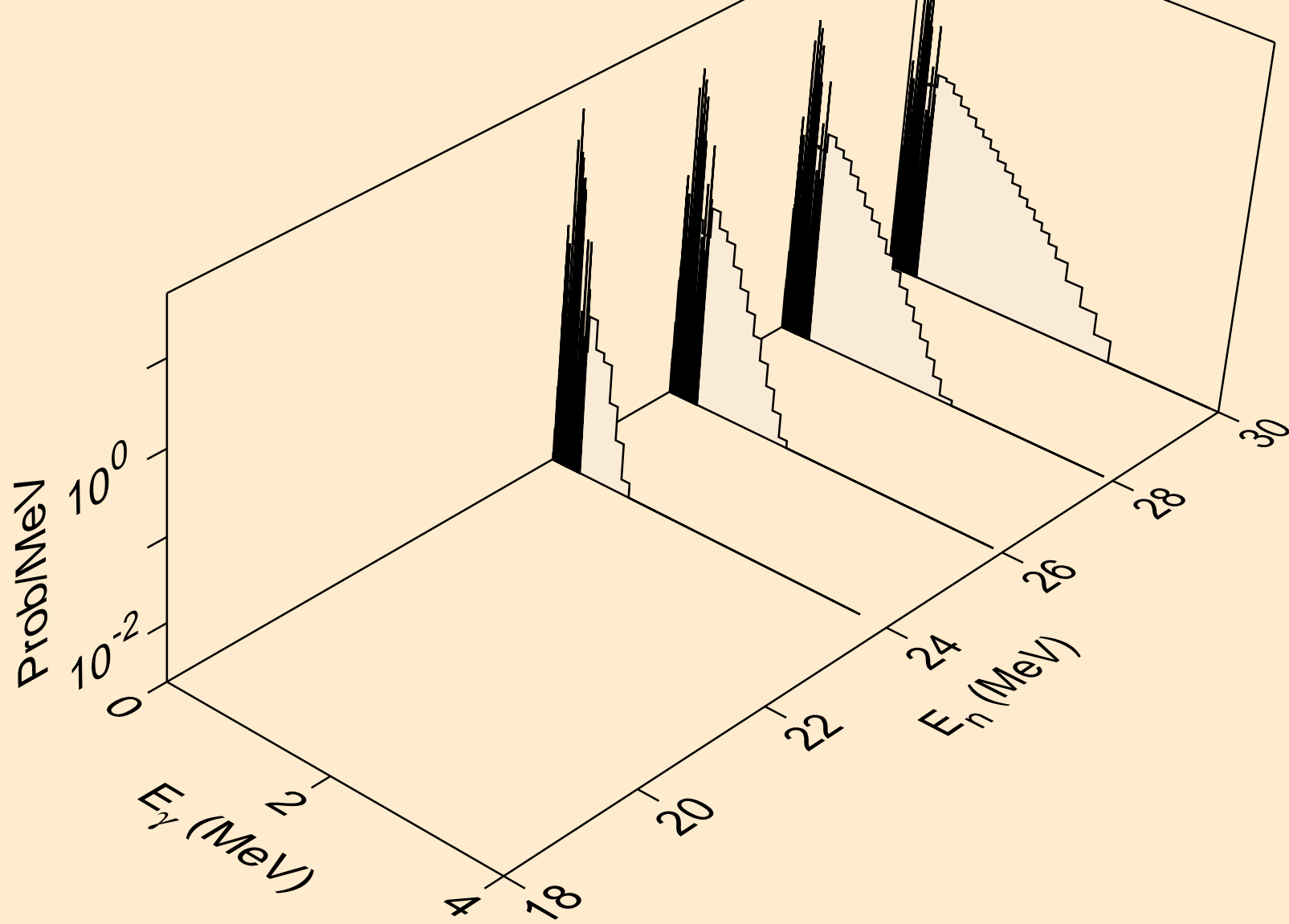


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Photon emission for (n,pa)



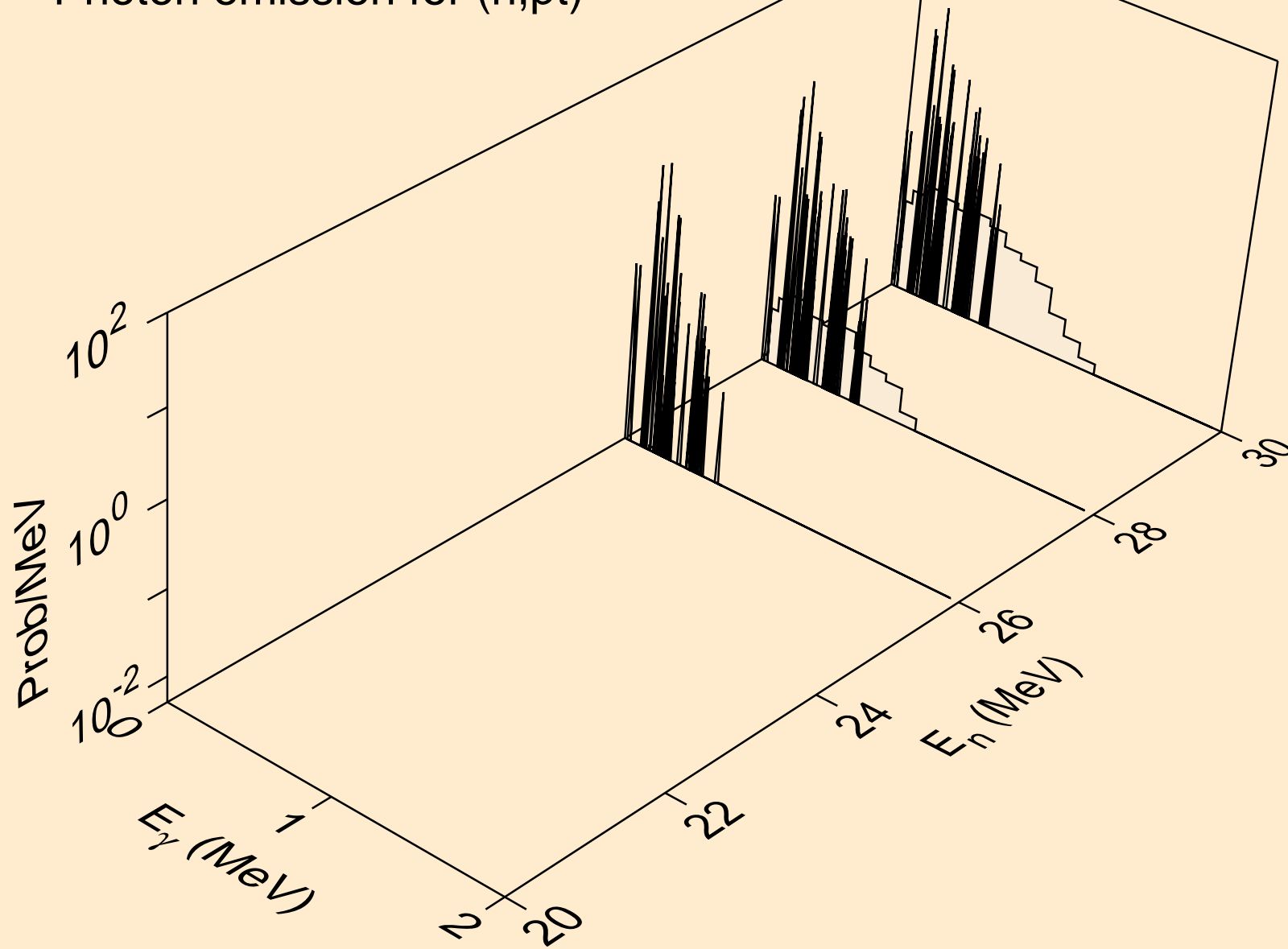
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Photon emission for (n,pd)

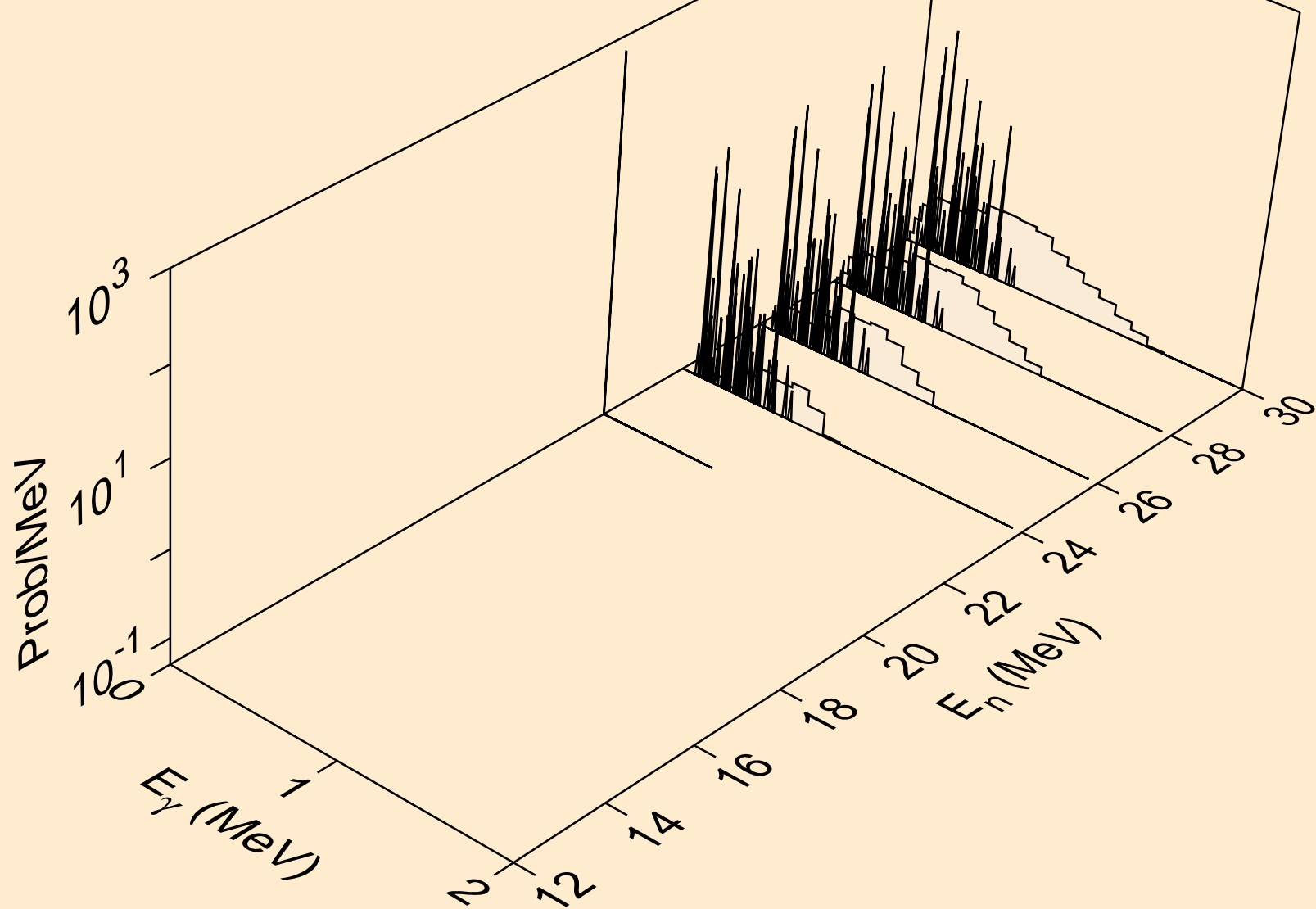


LA131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,pt)

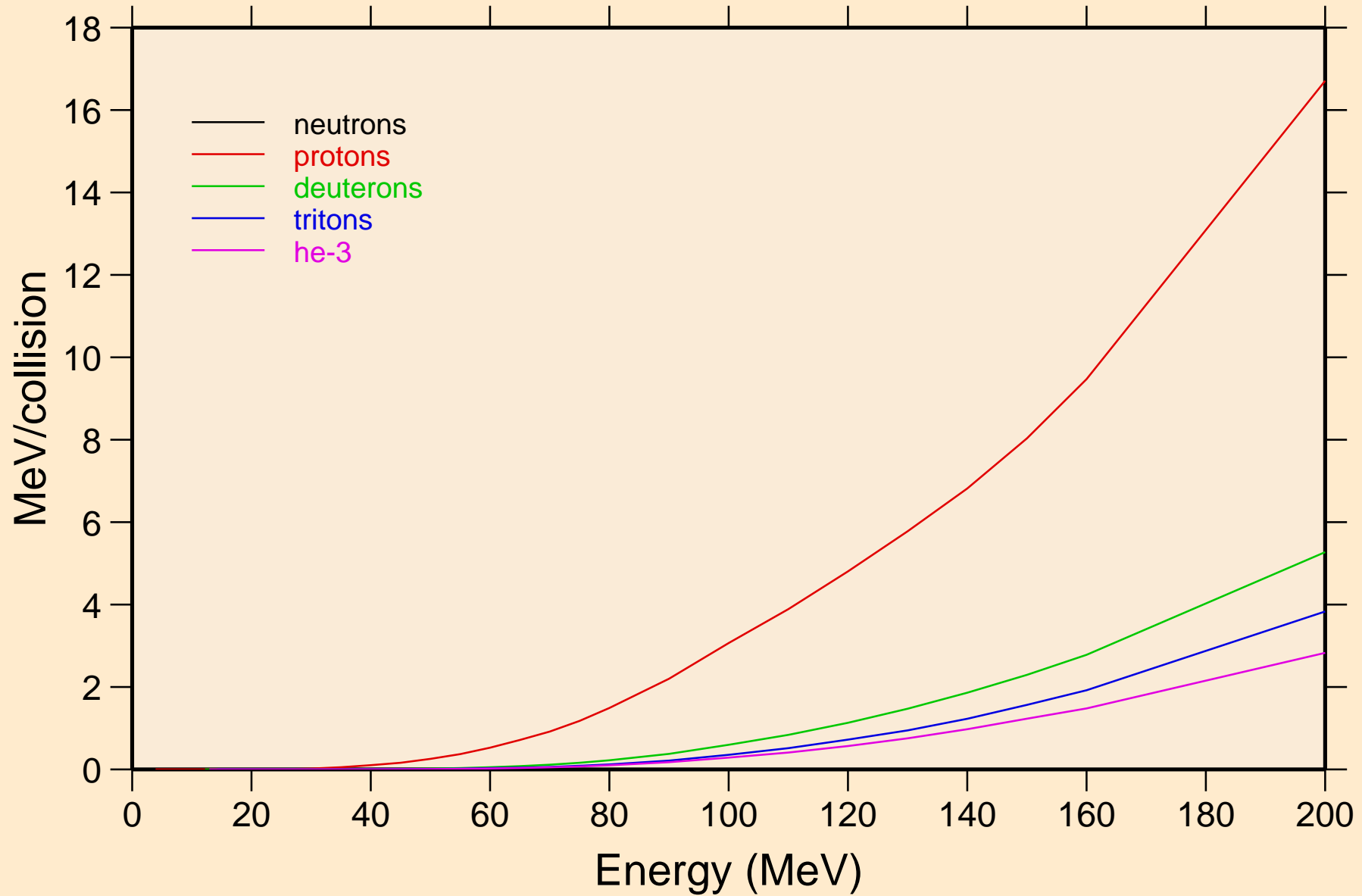


LA131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



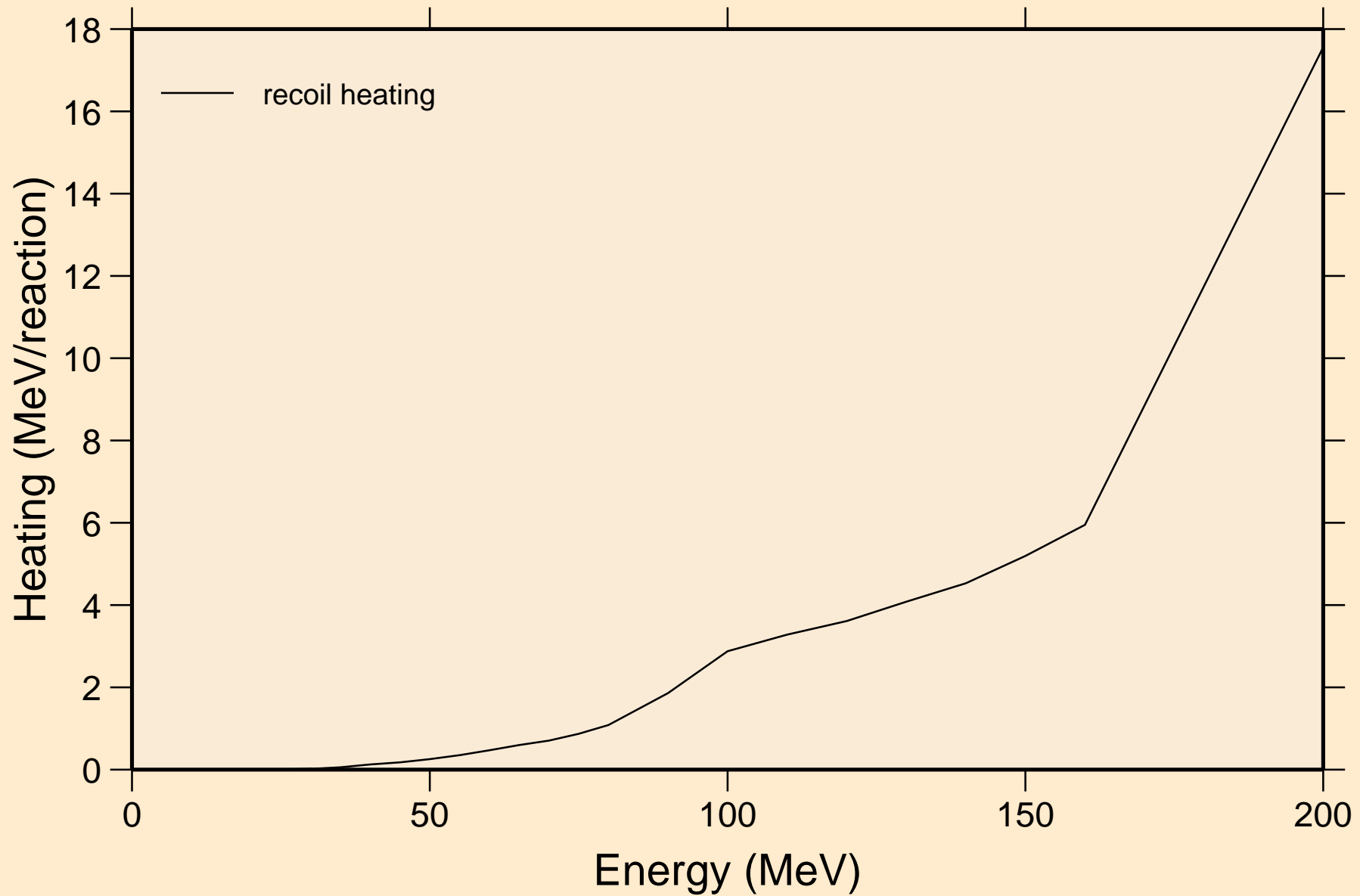
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## Particle heating contributions

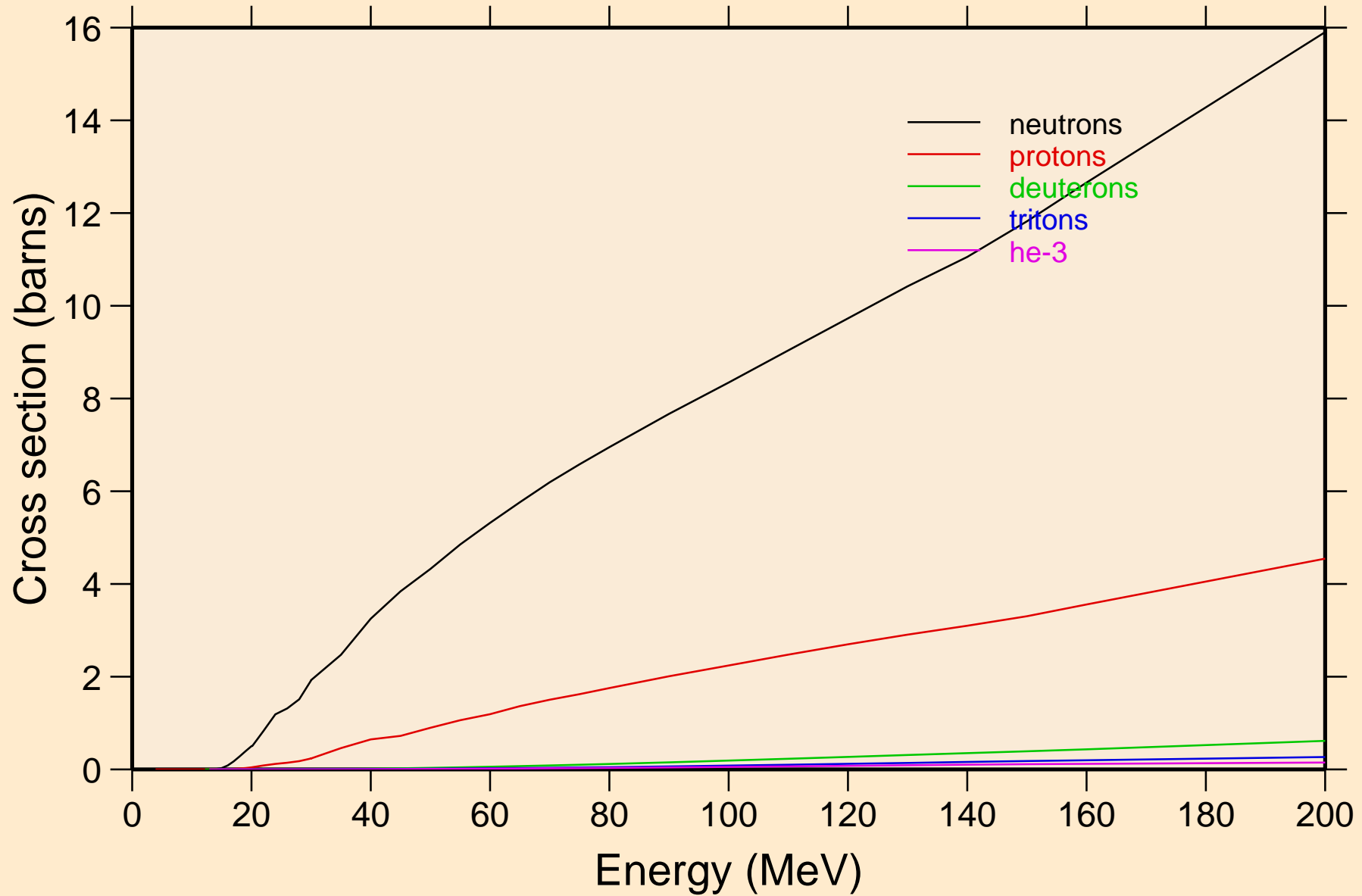


LA131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

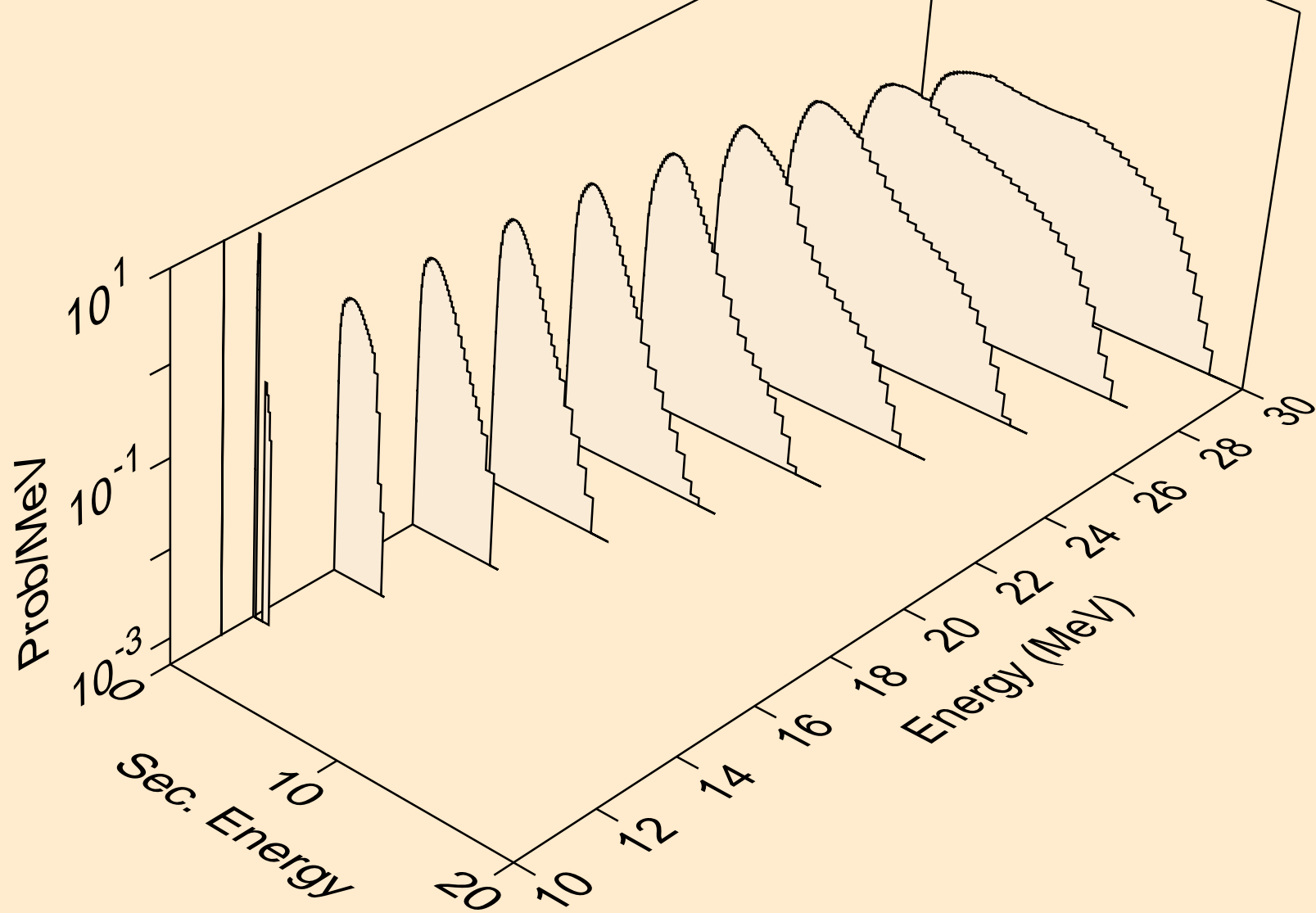
Recoil Heating



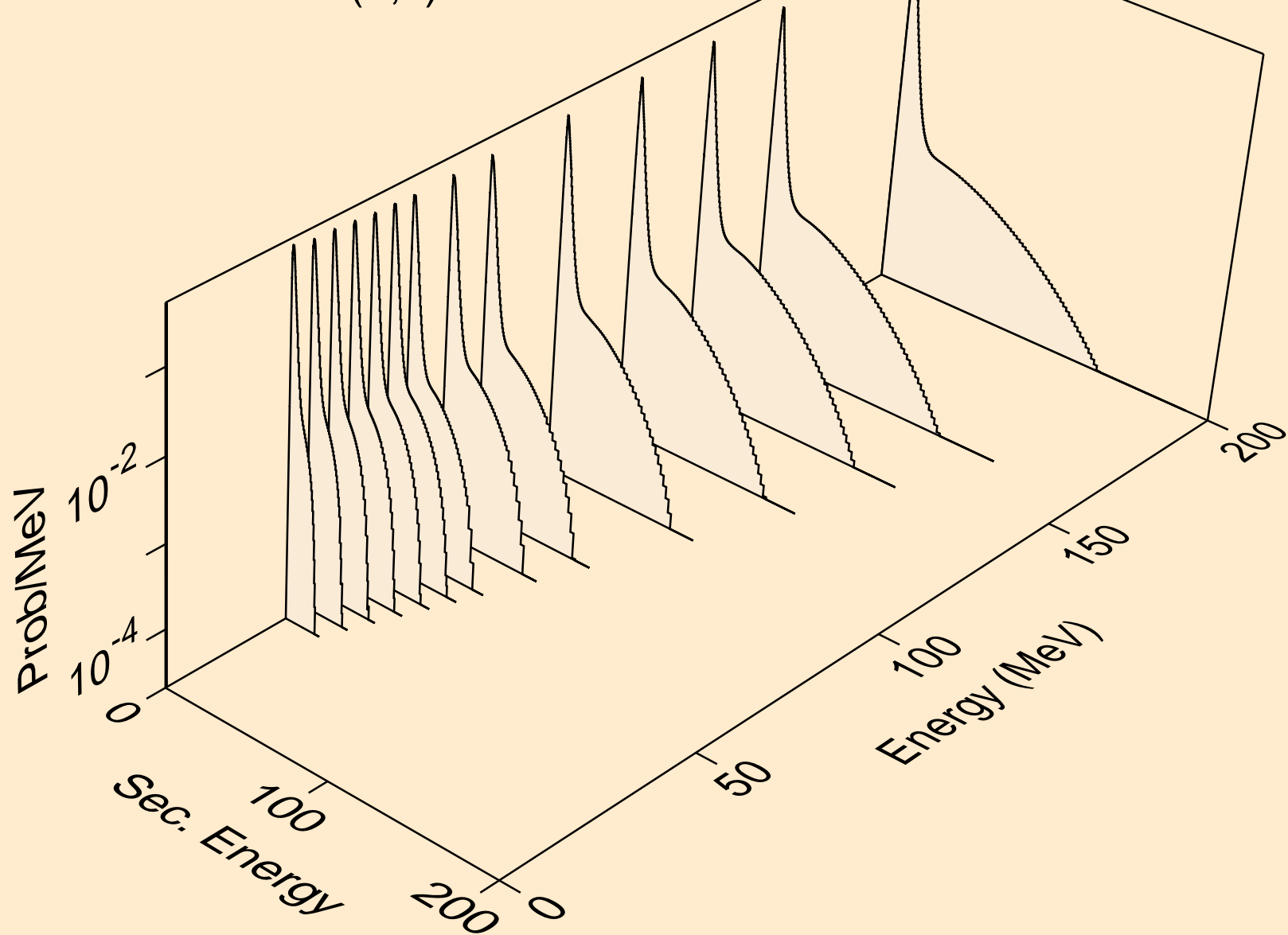
LA131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



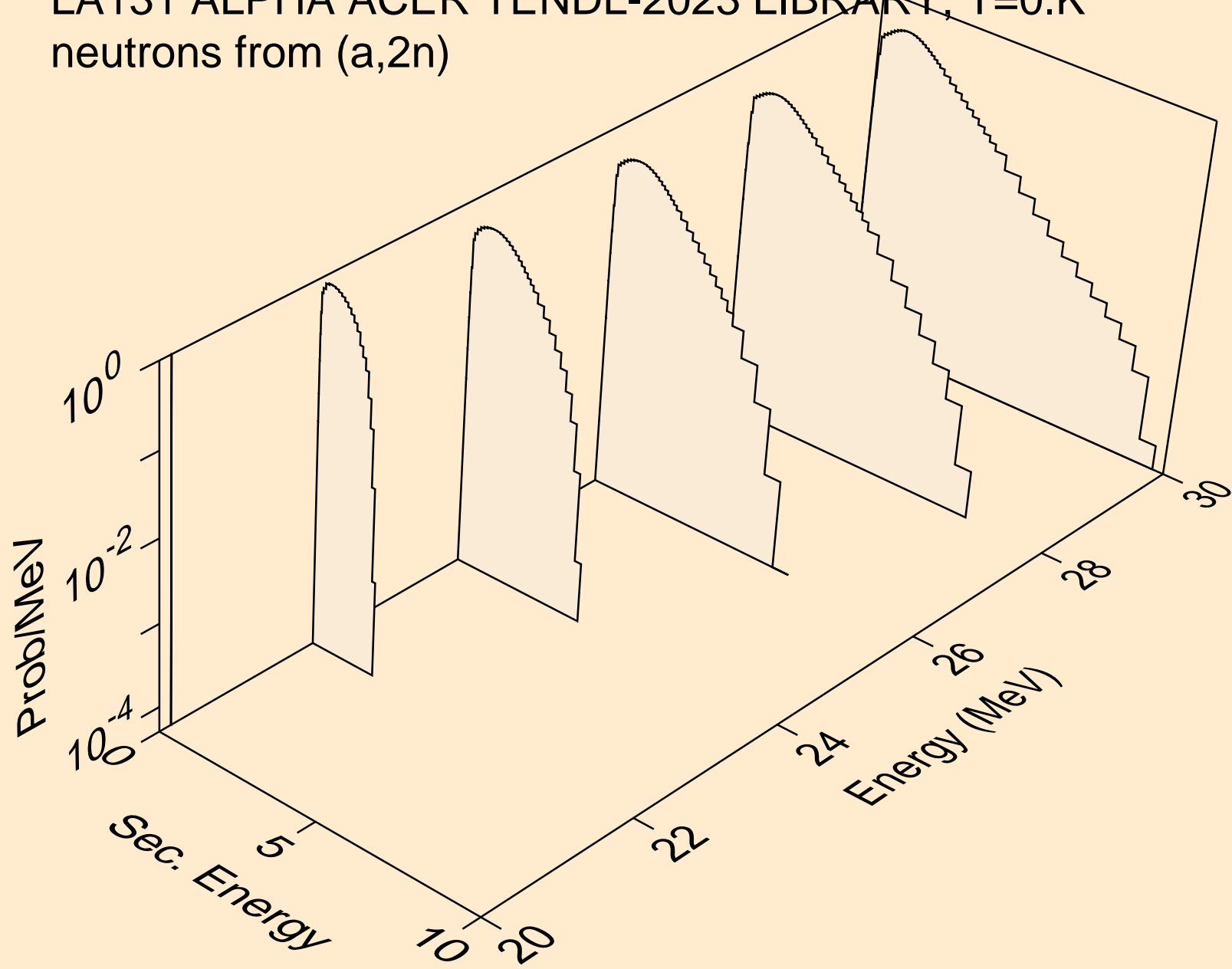
LA131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)



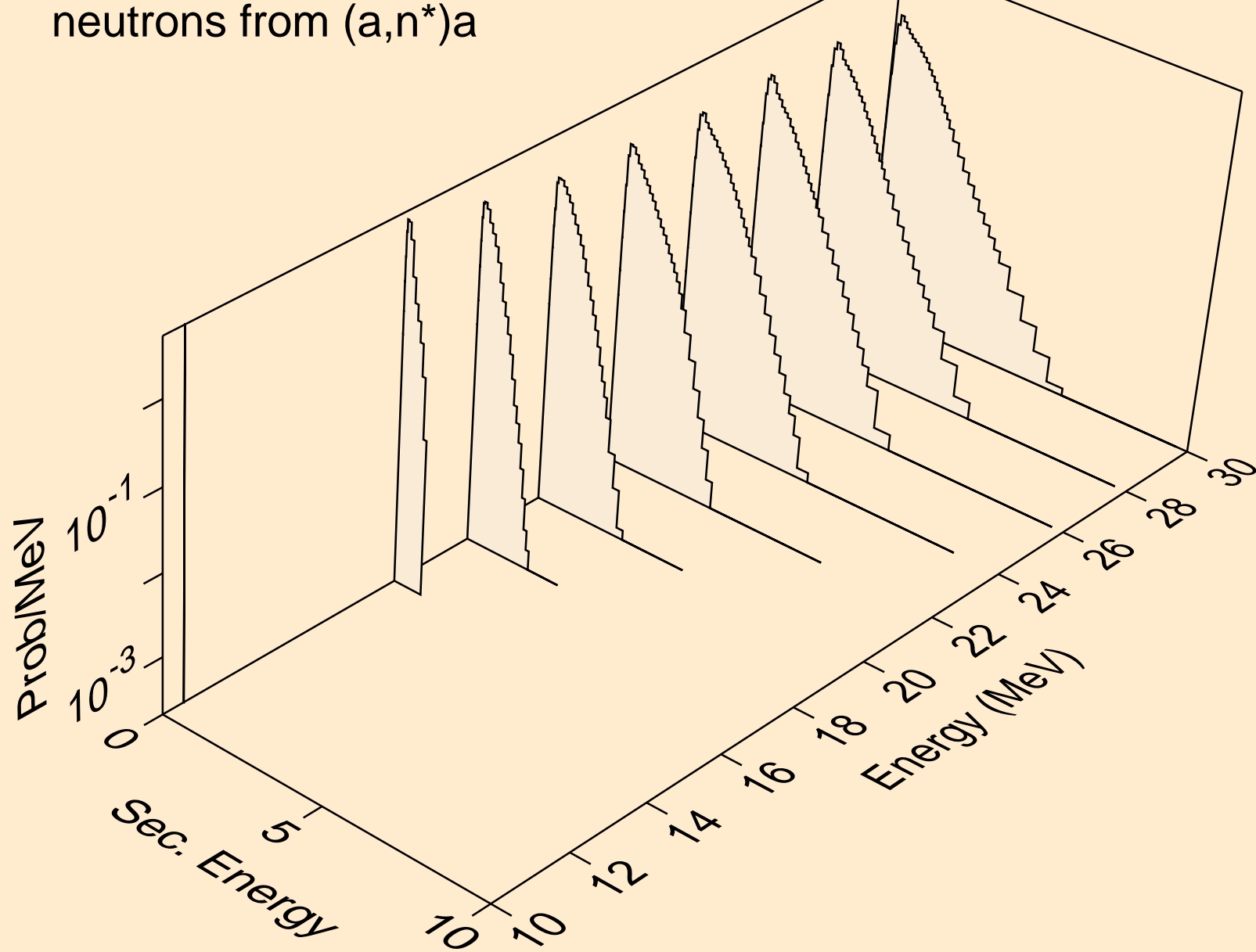
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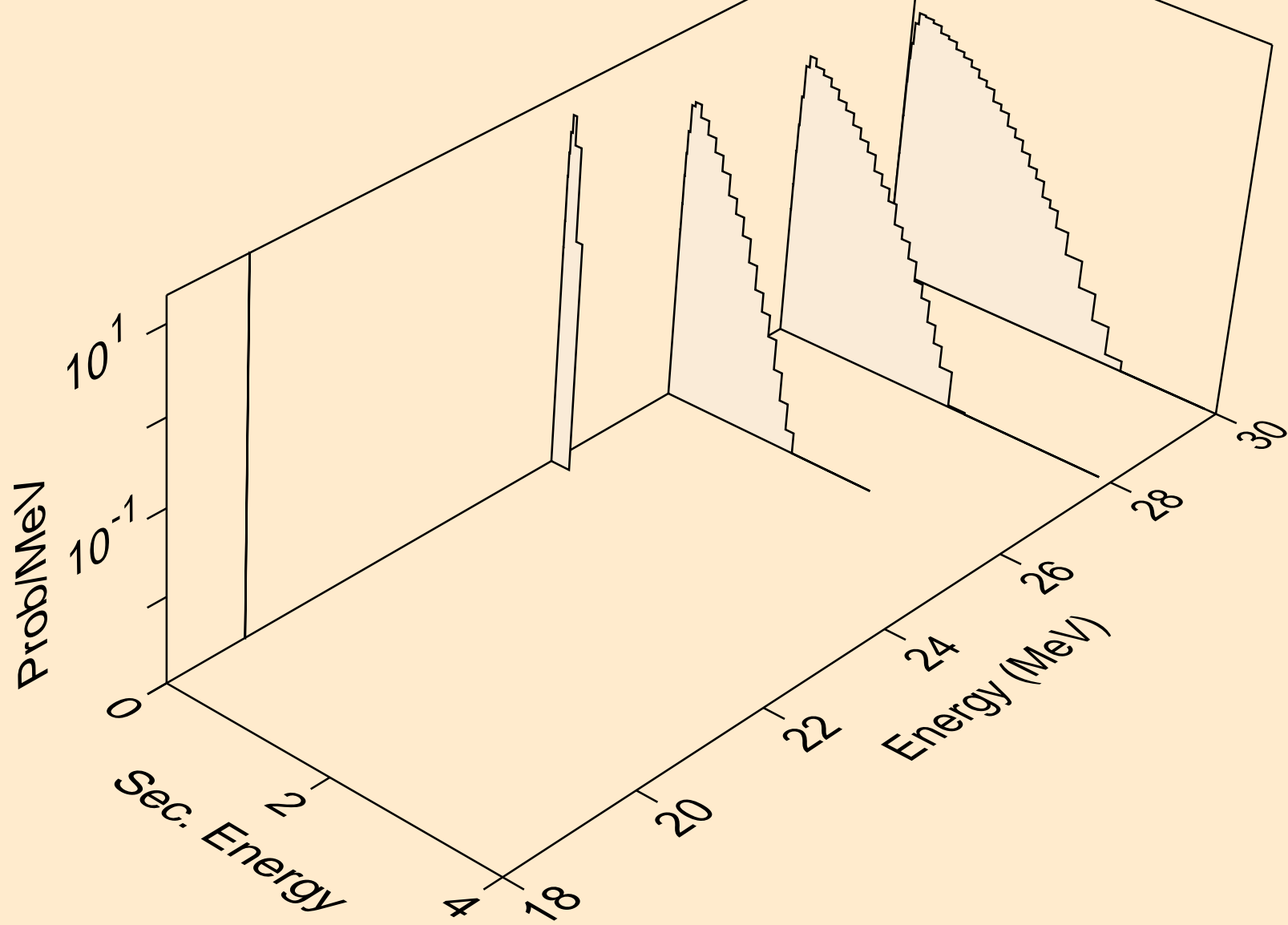
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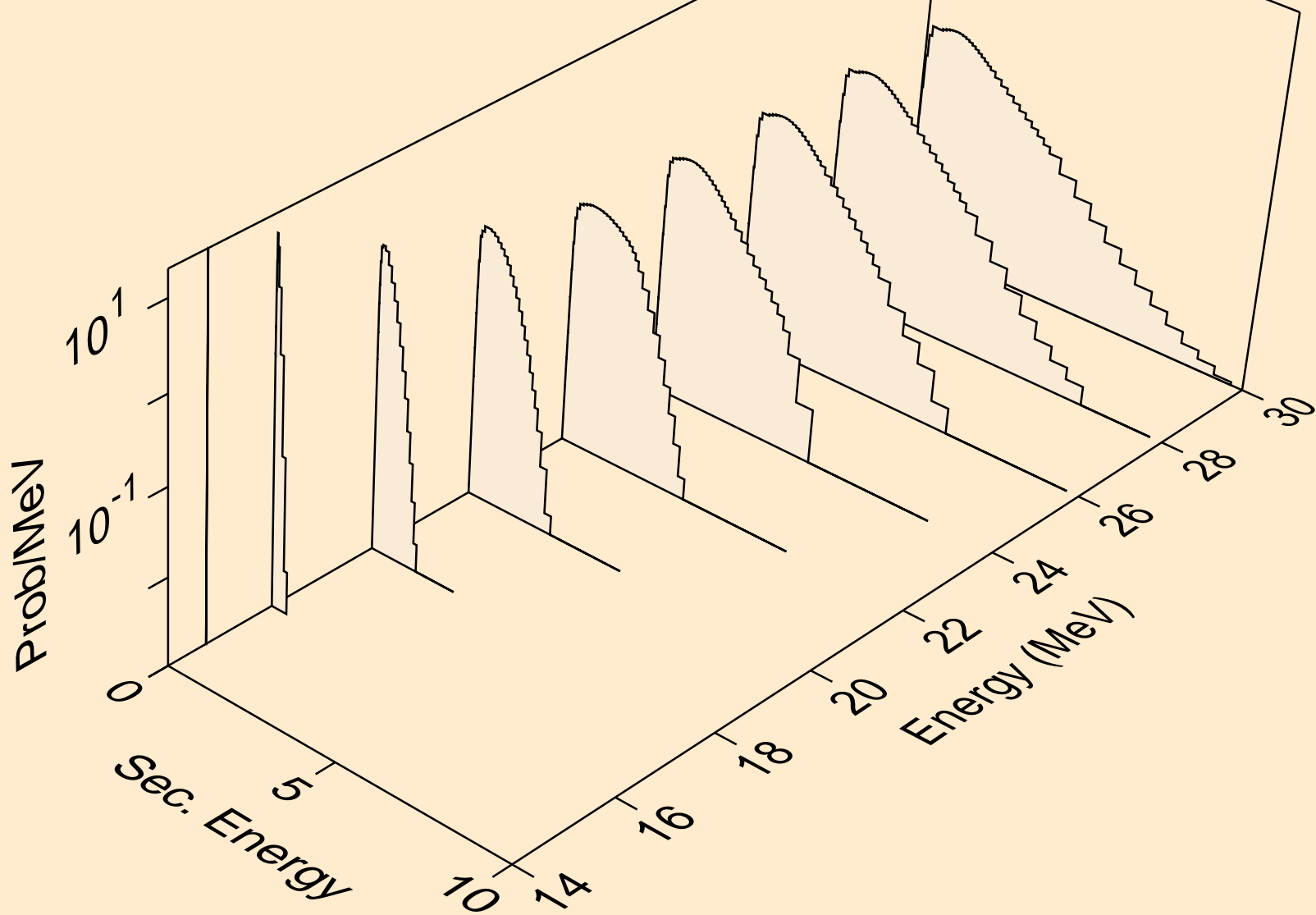
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neutrons from (a,n\*)a



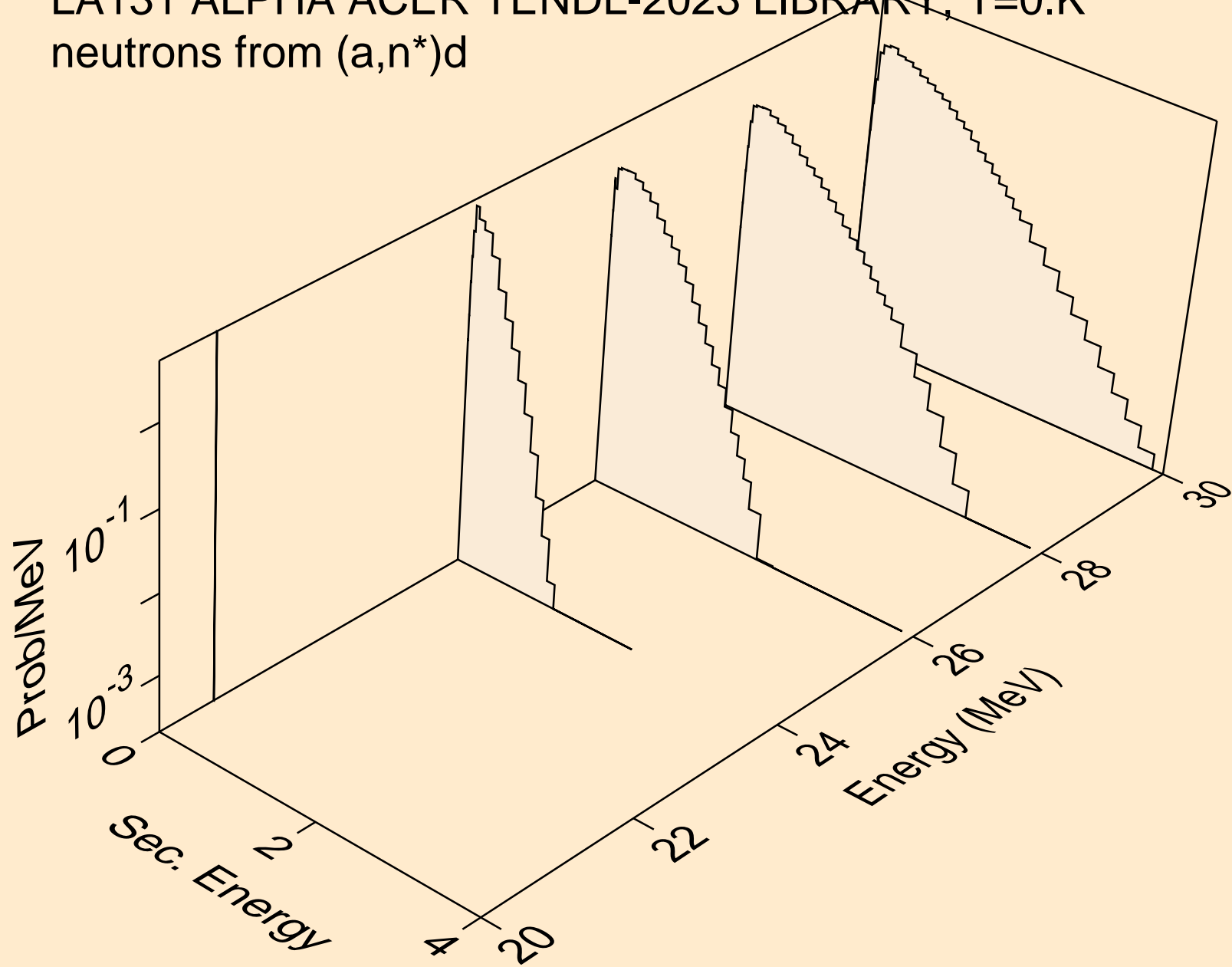
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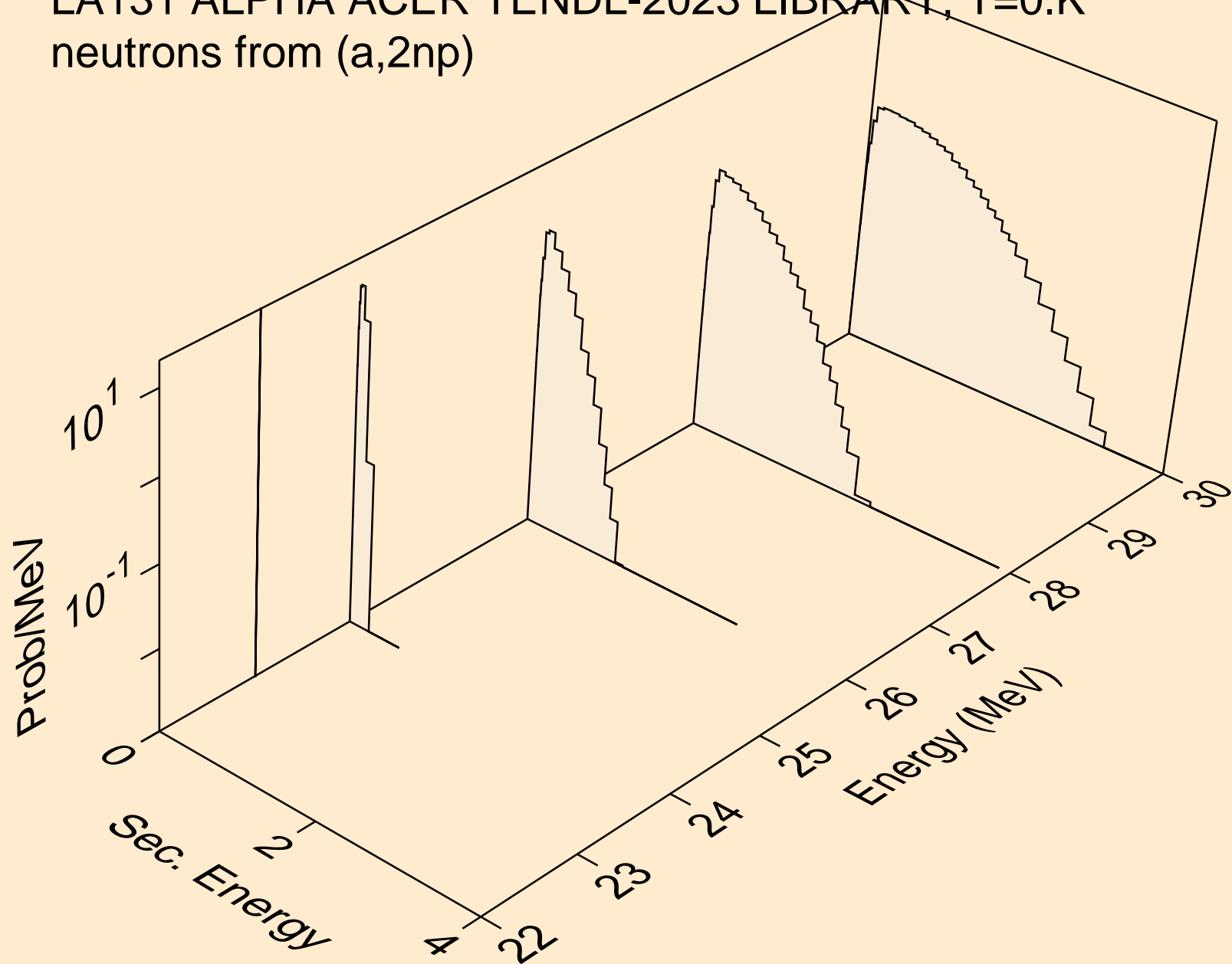
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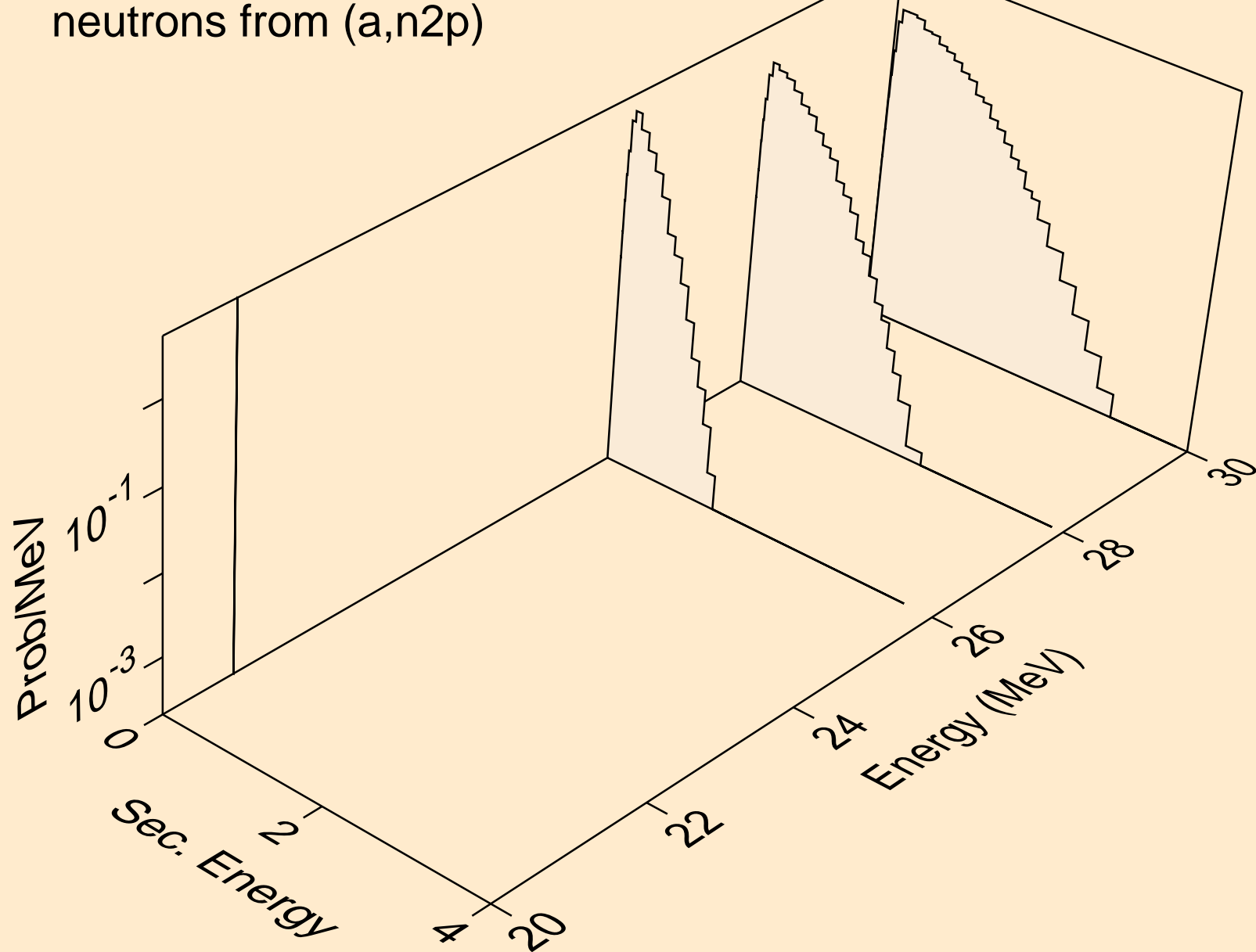
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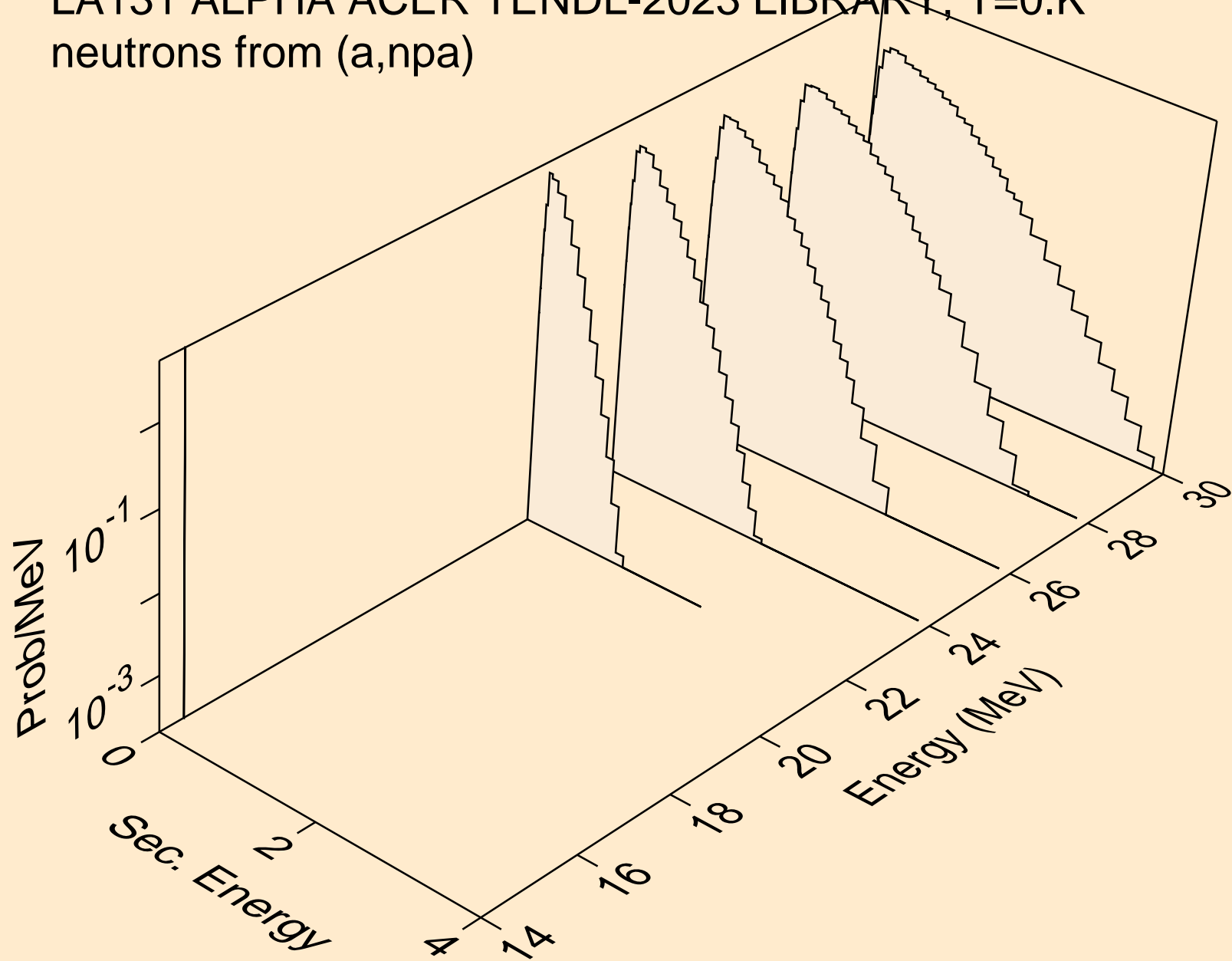
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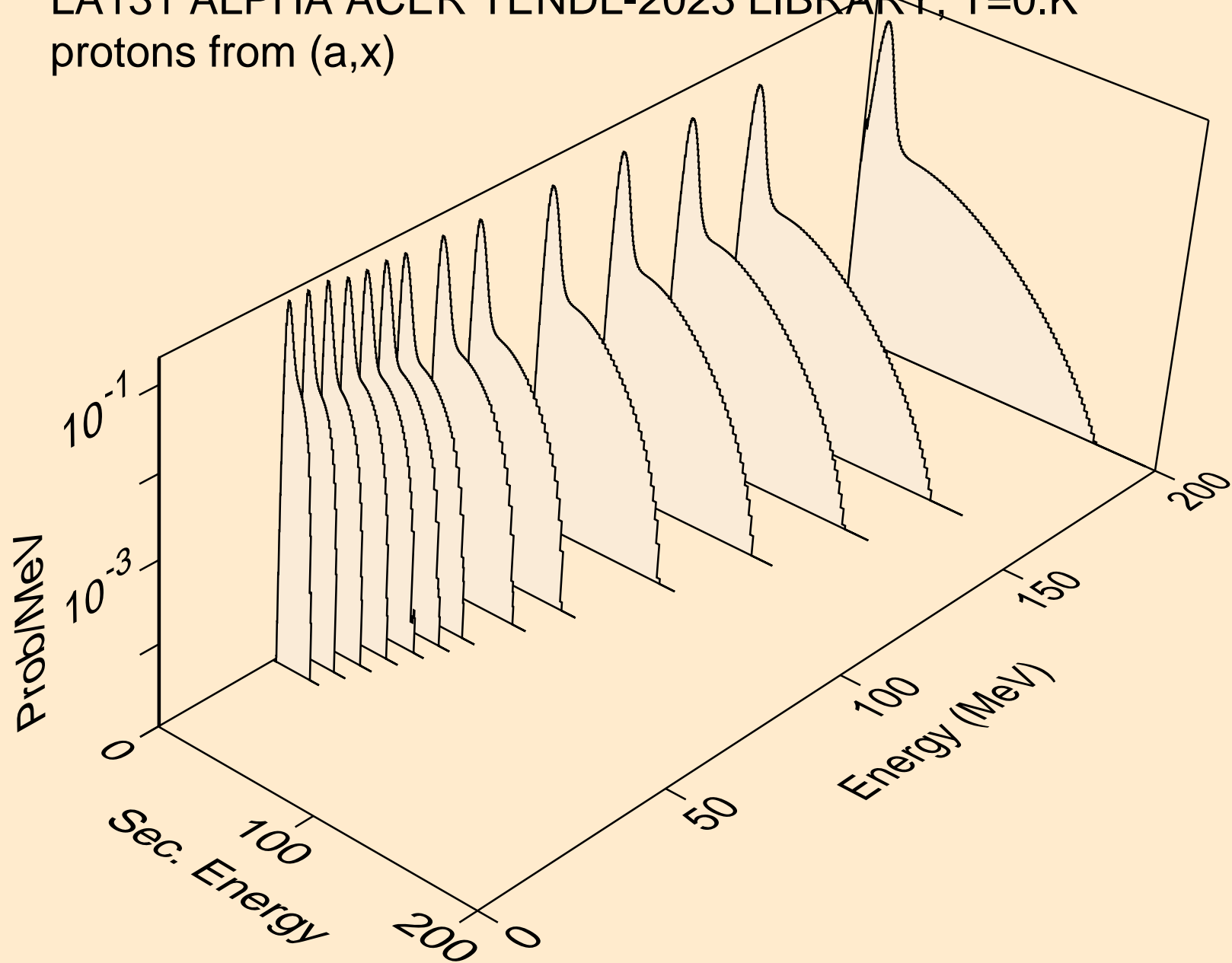
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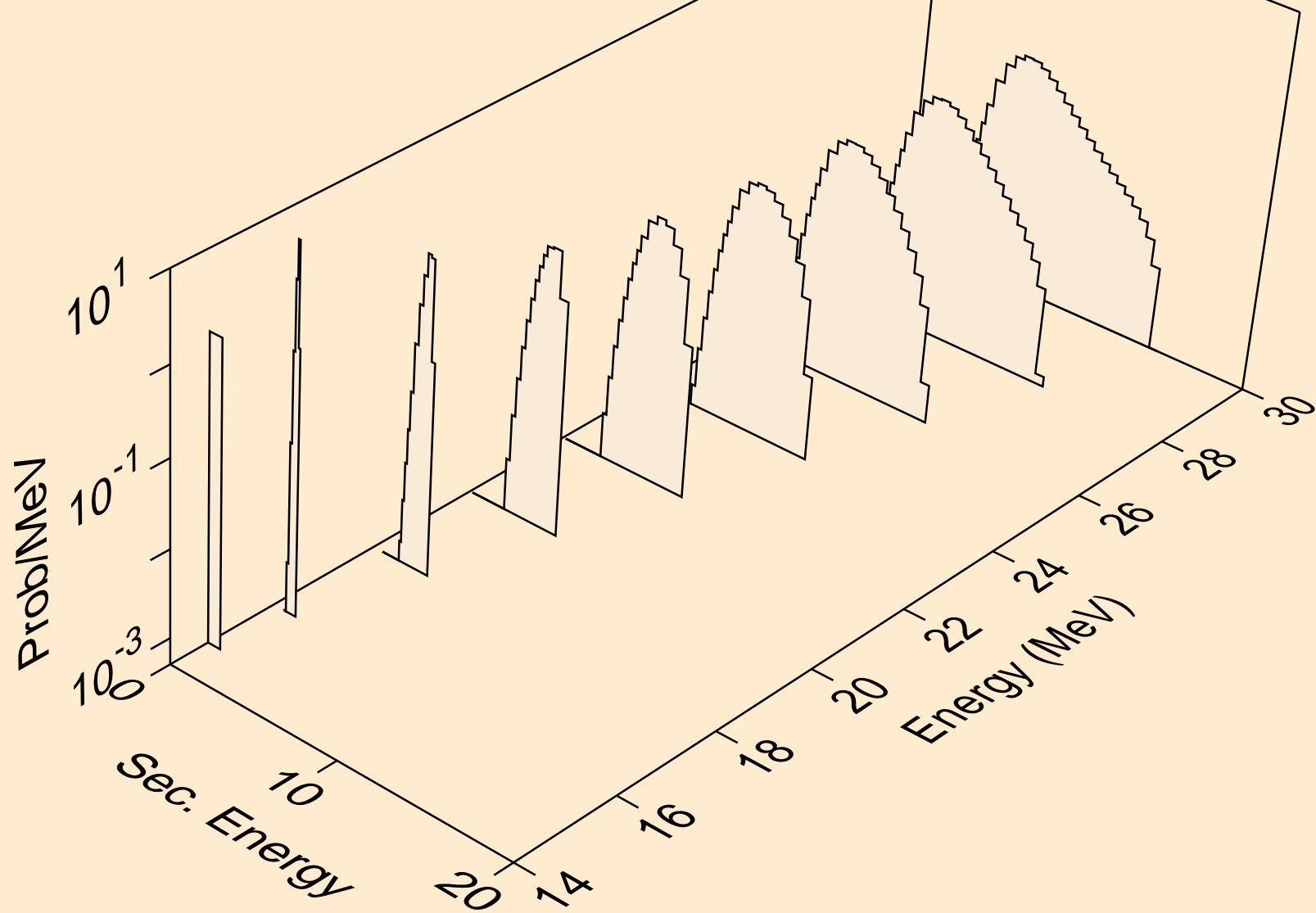
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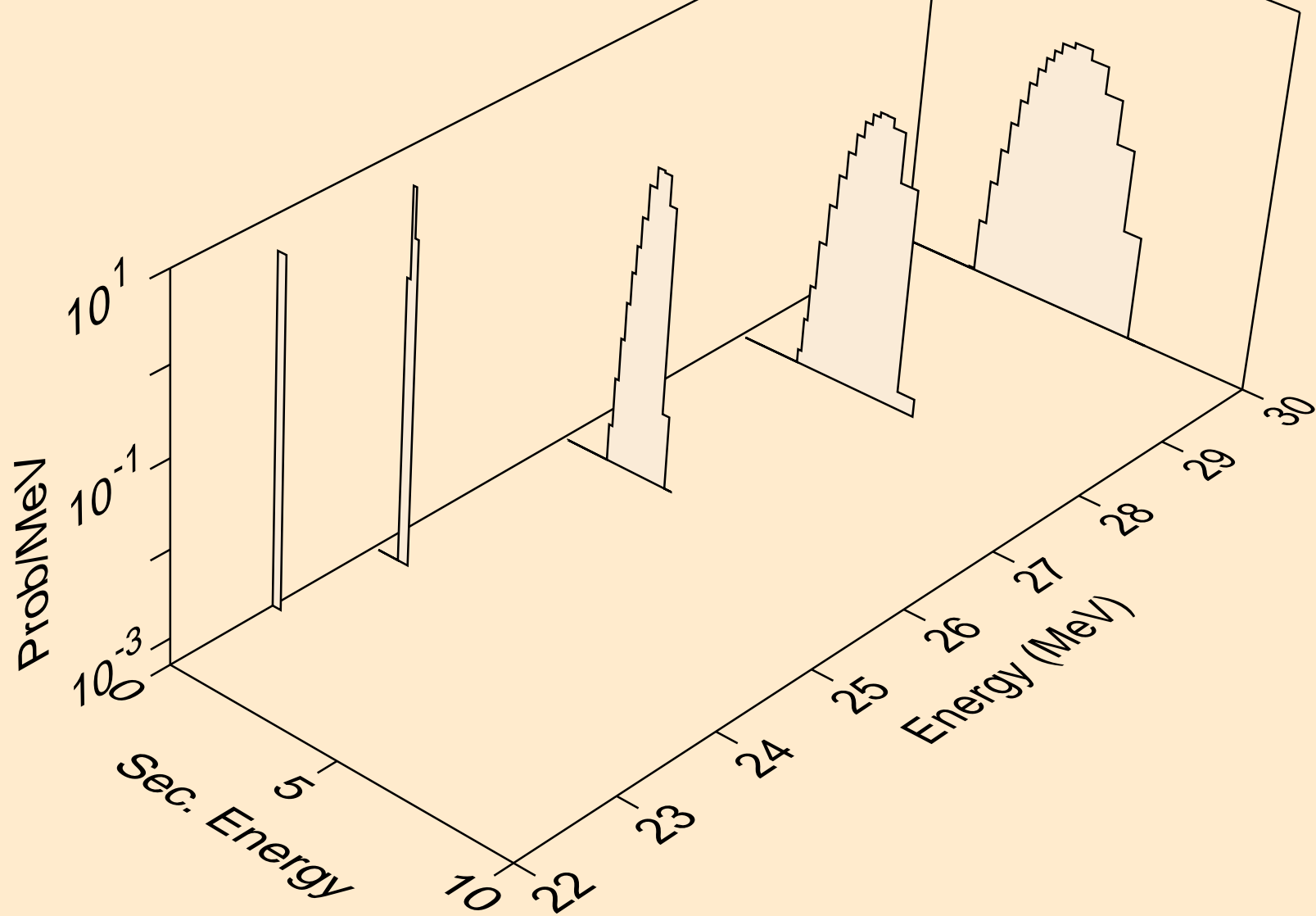
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protons from (a,x)



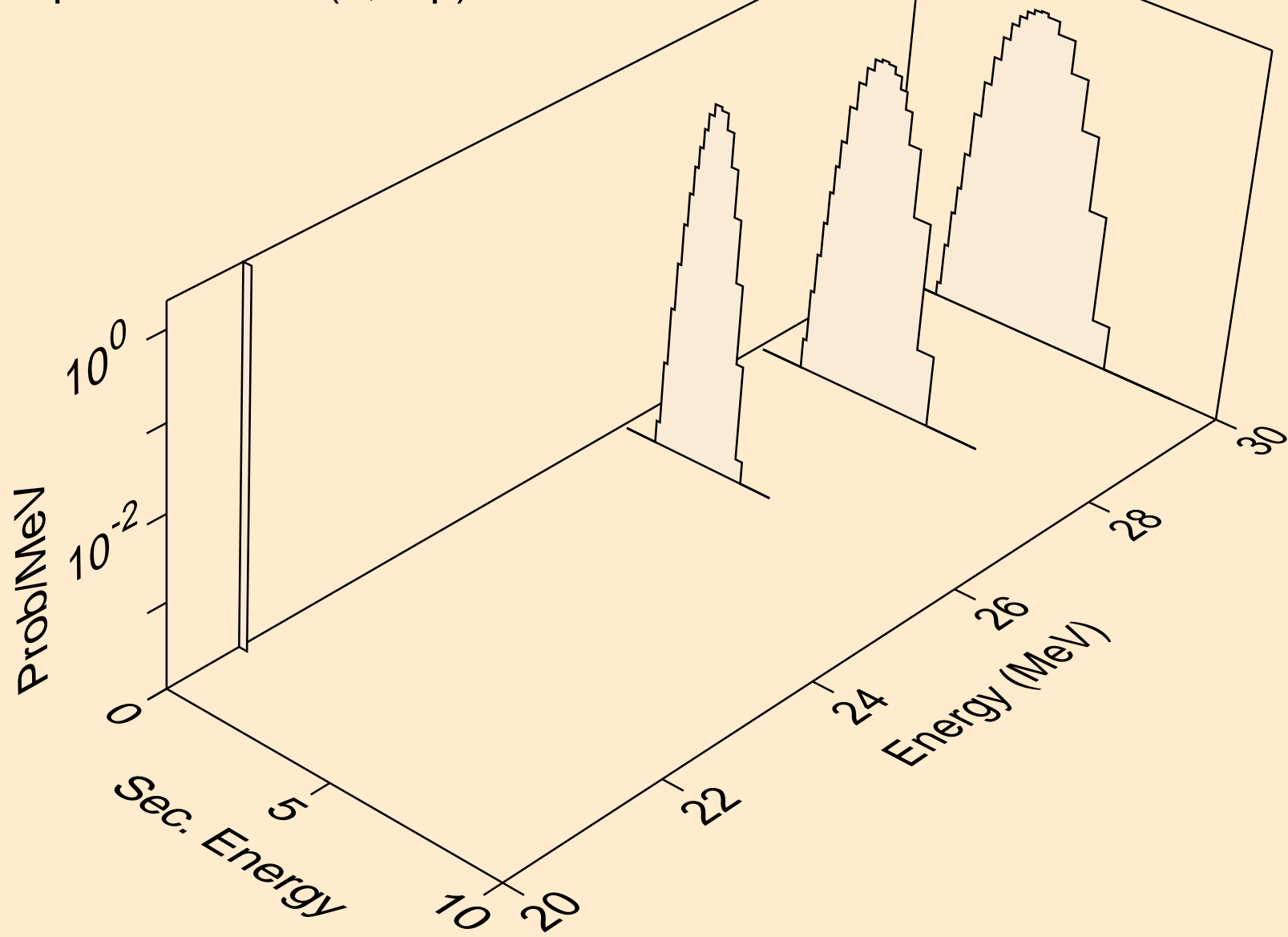
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protons from (a,n\*)p



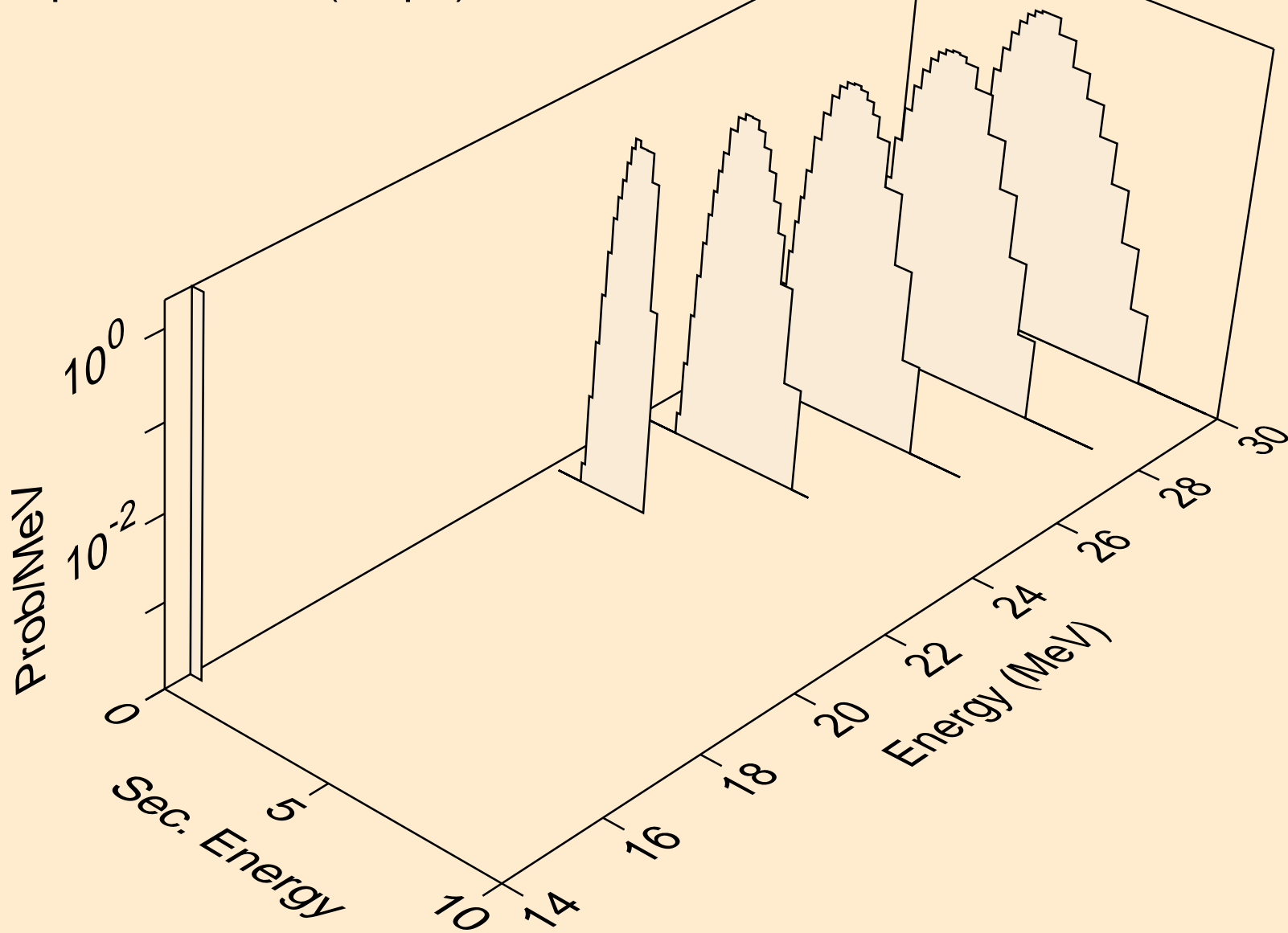
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protons from (a,2np)



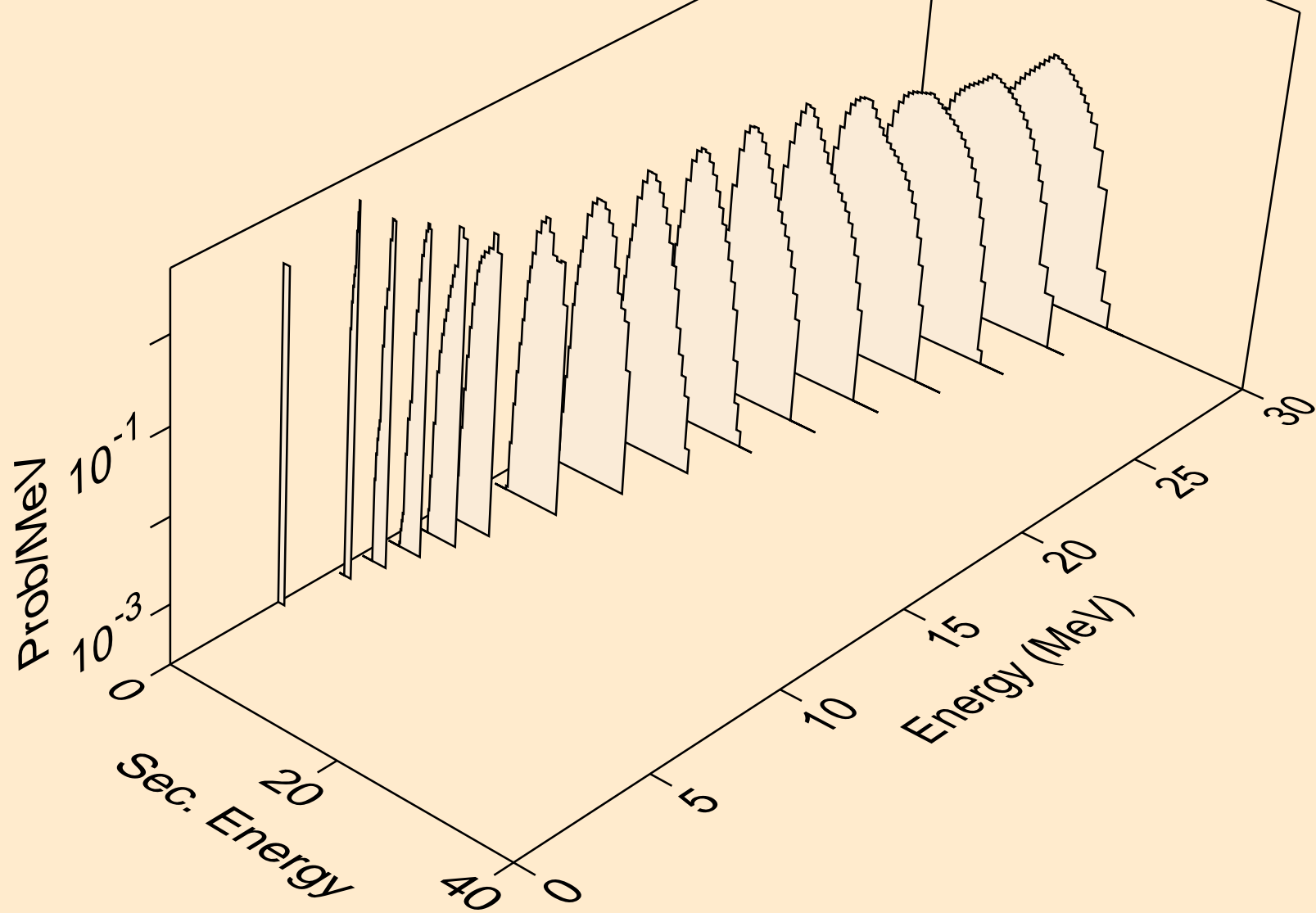
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protons from (a,n2p)



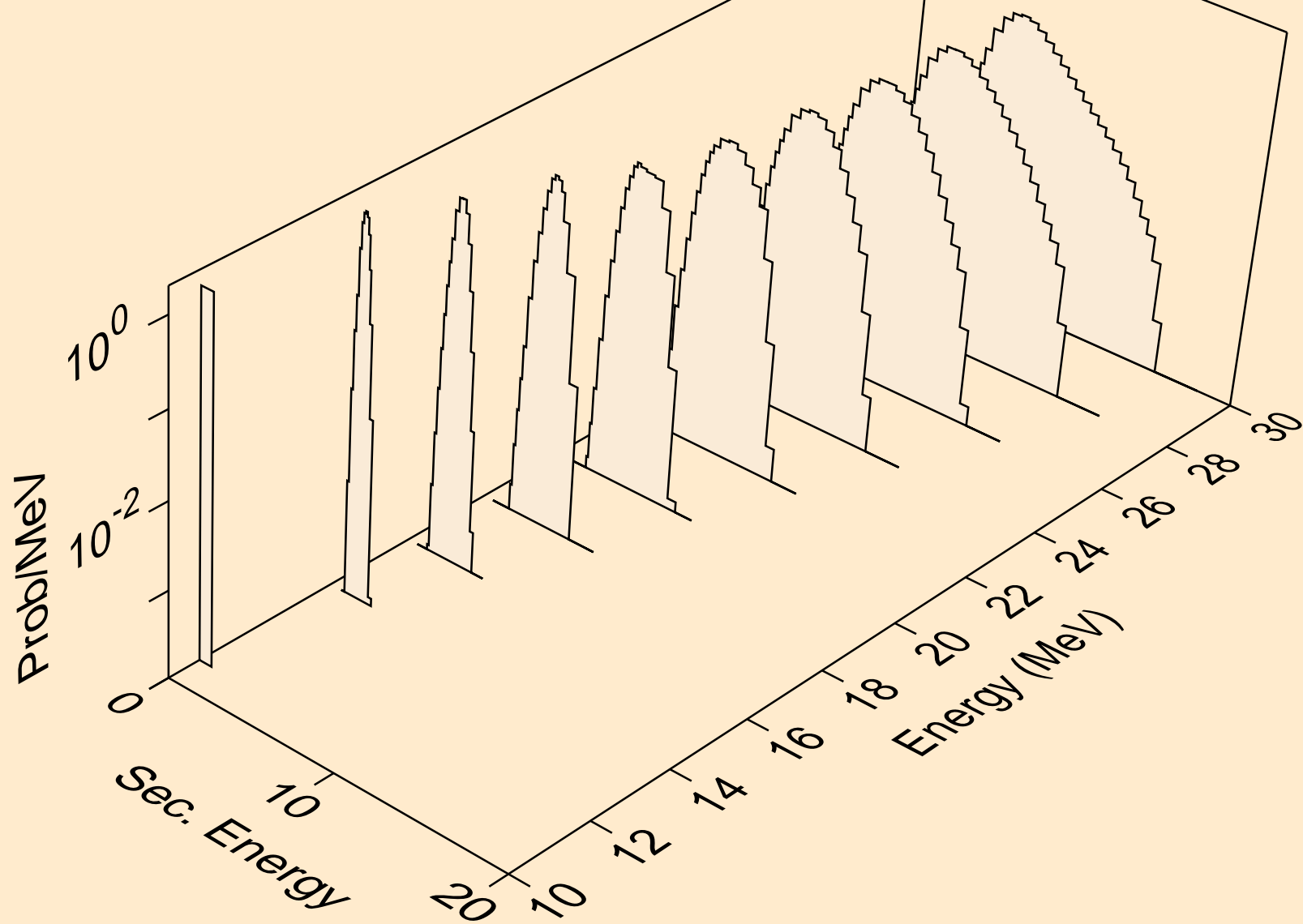
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protons from (a,npa)



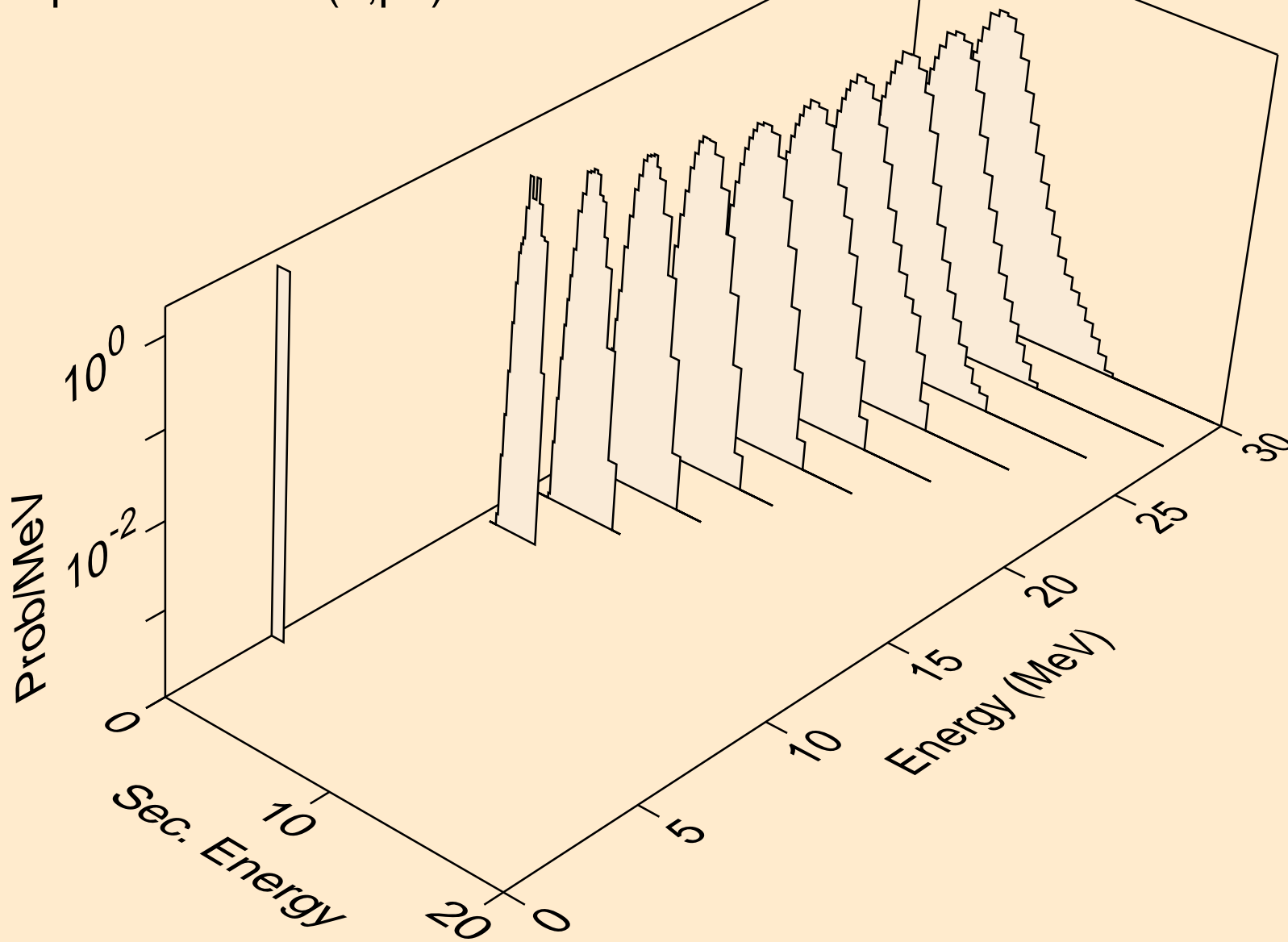
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protons from (a,p)



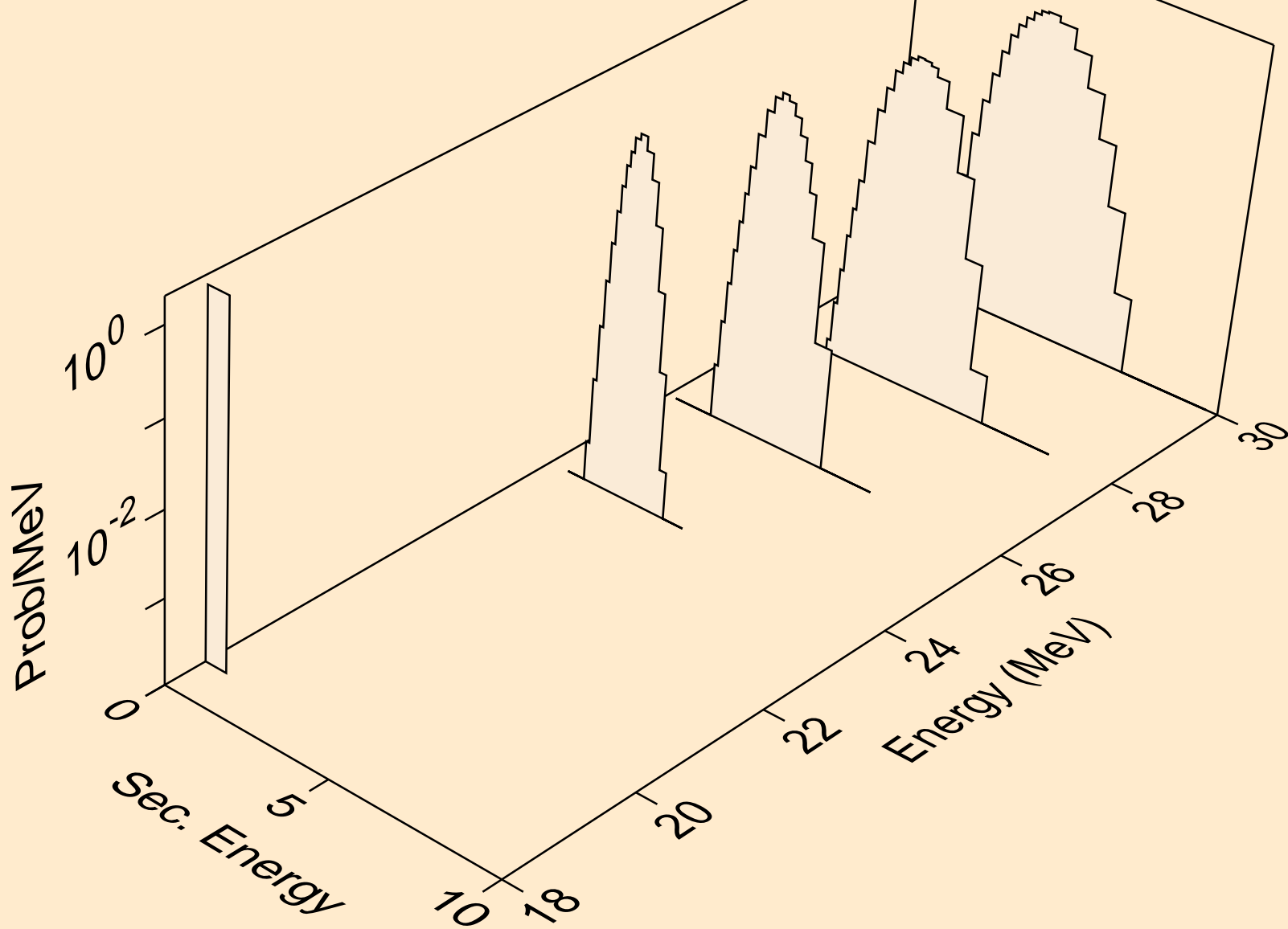
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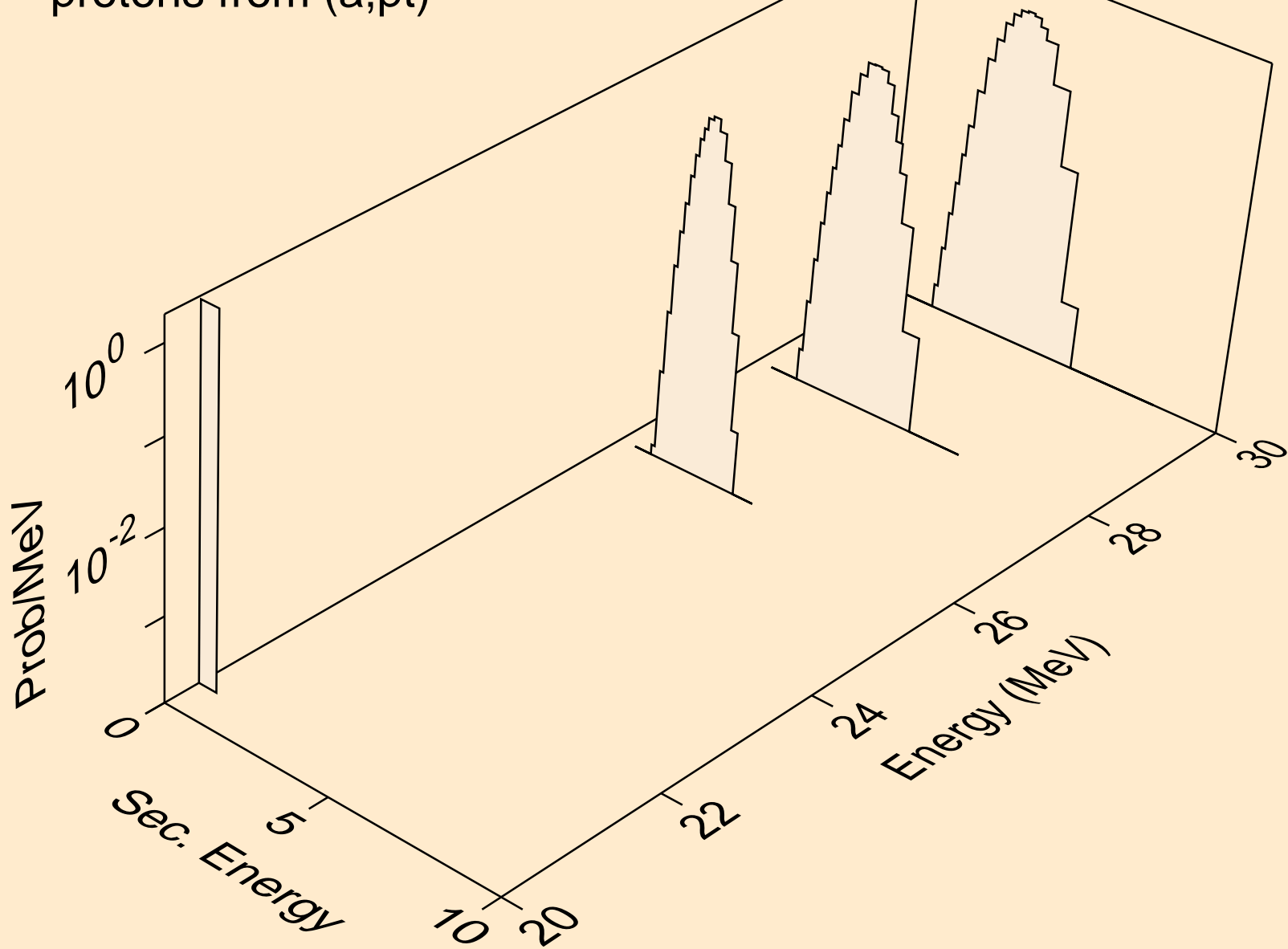
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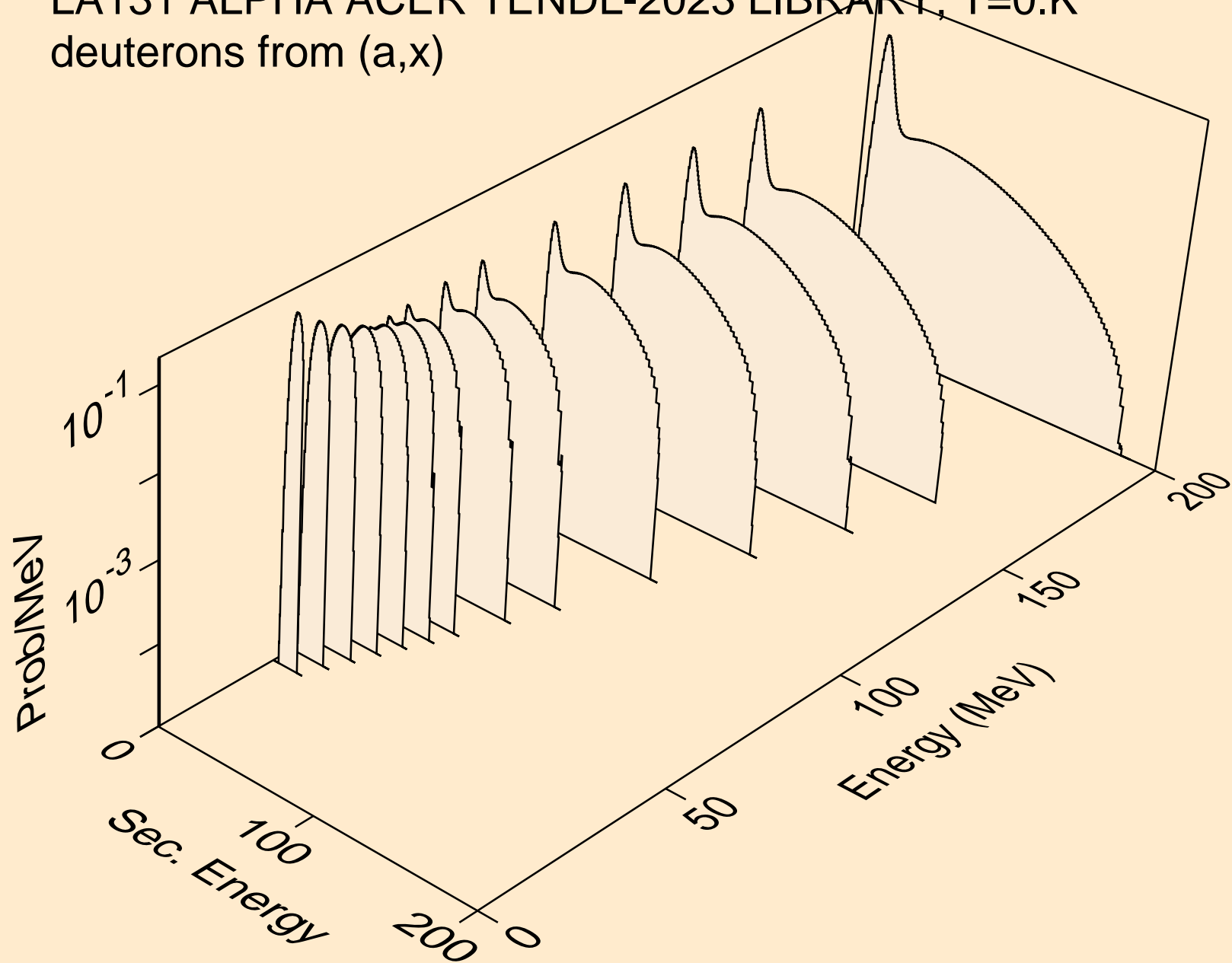
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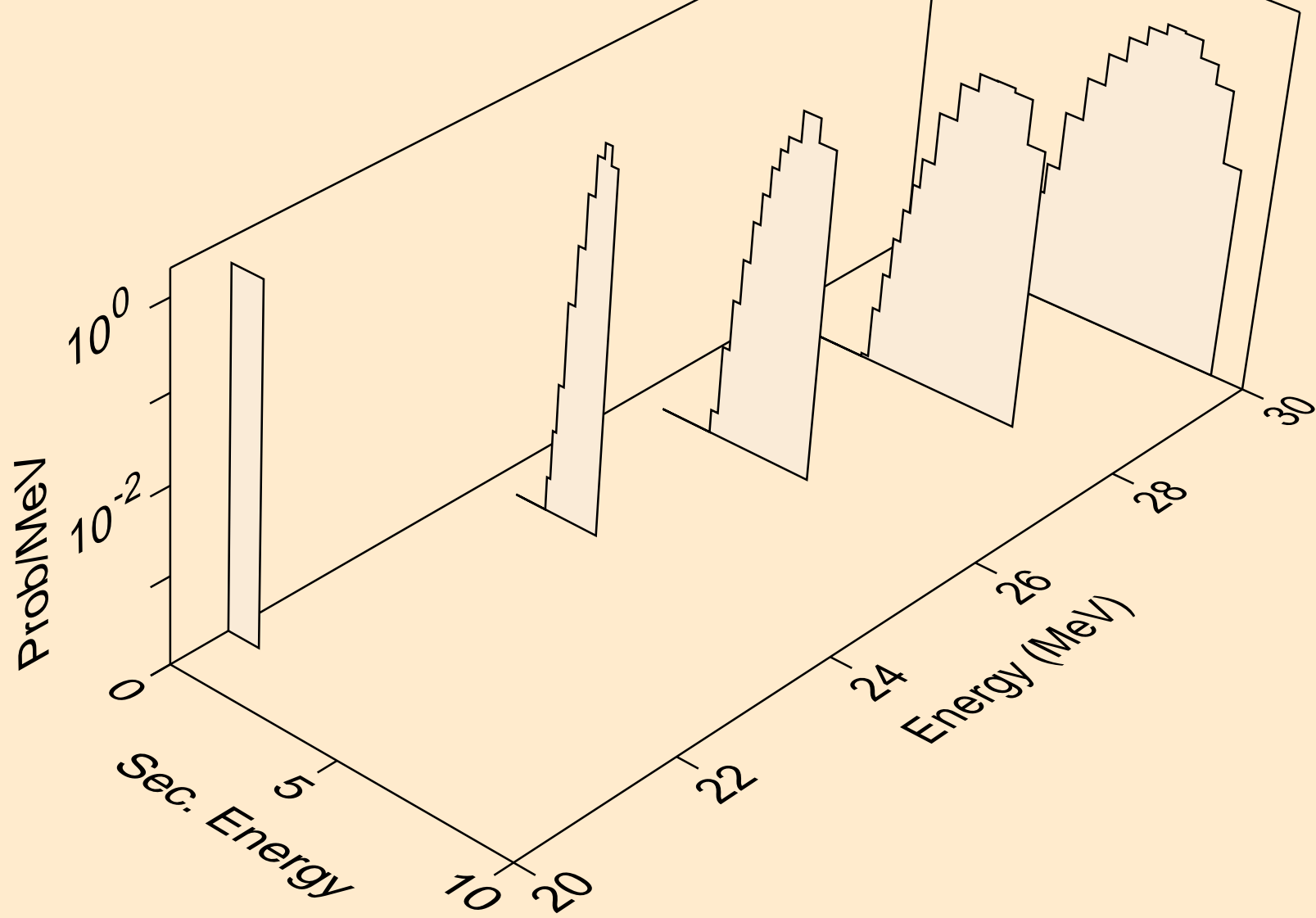
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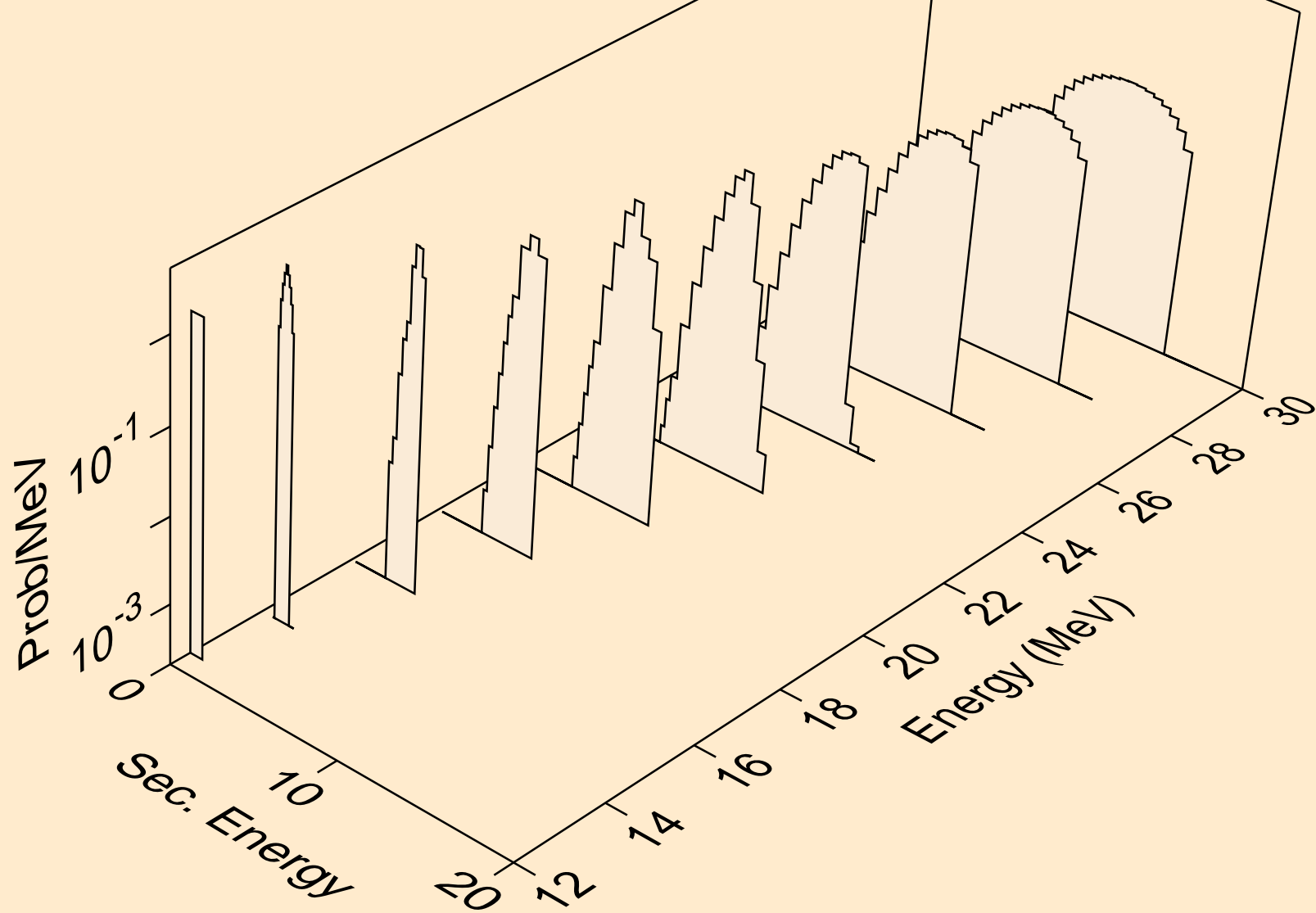
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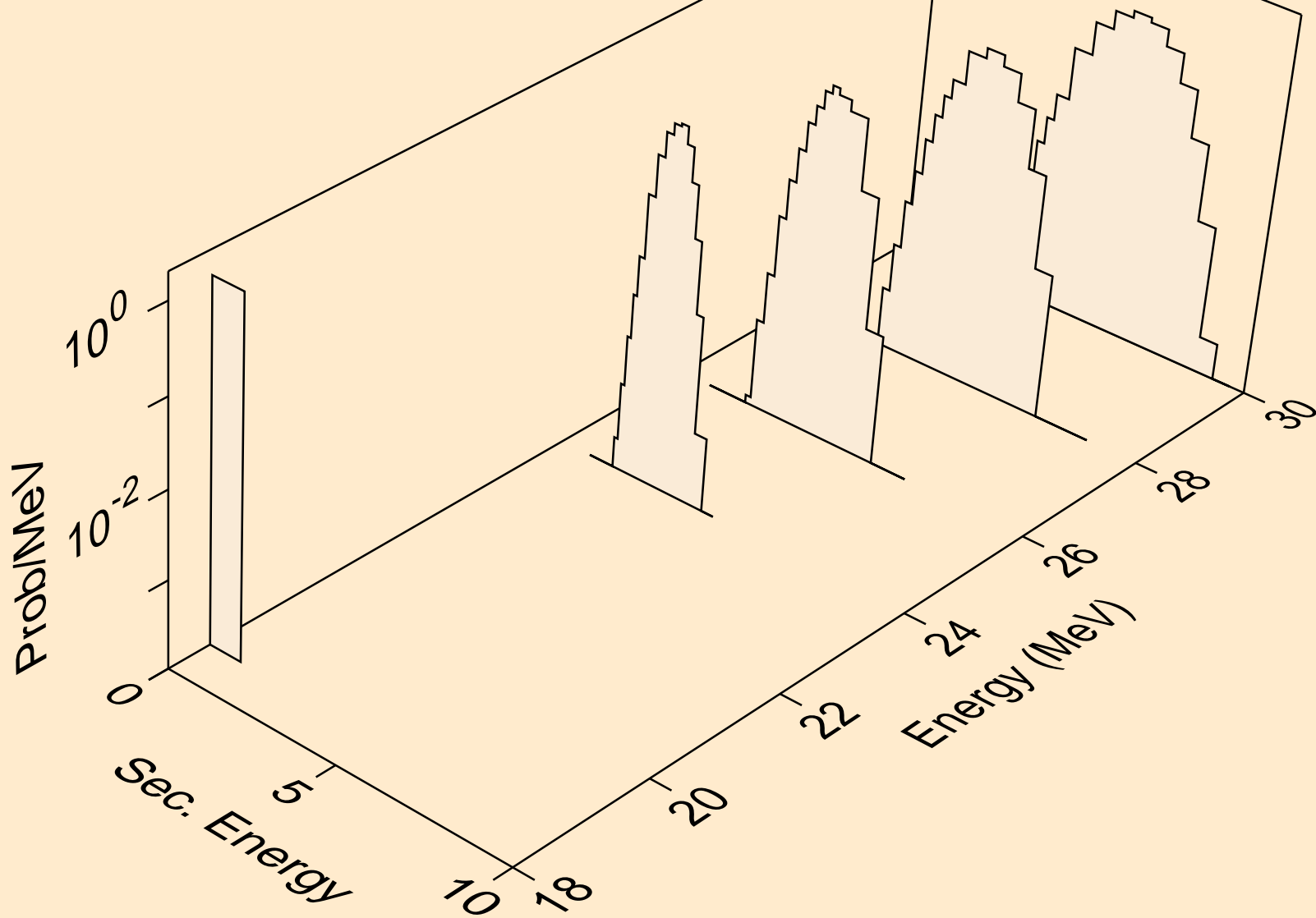
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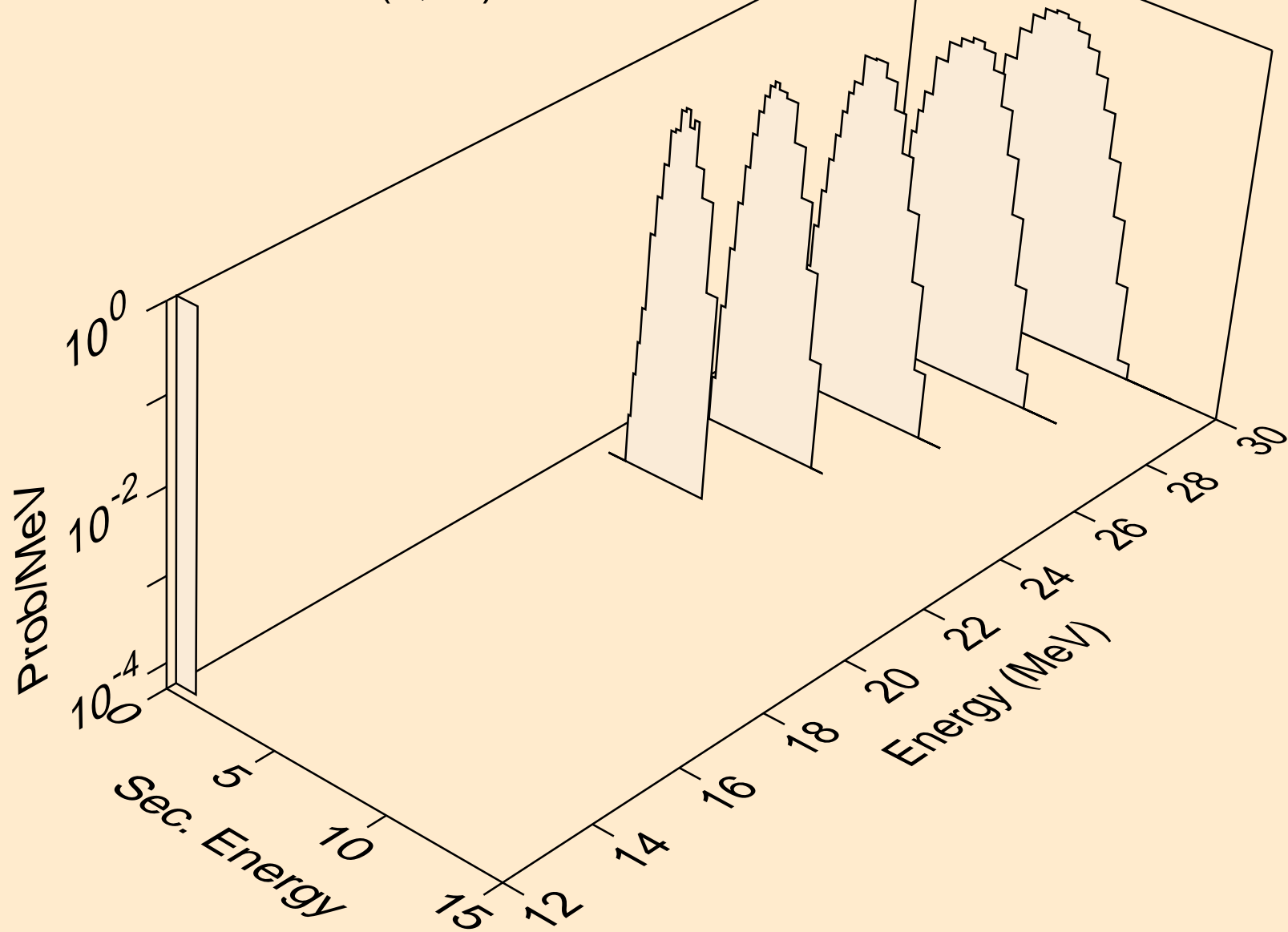
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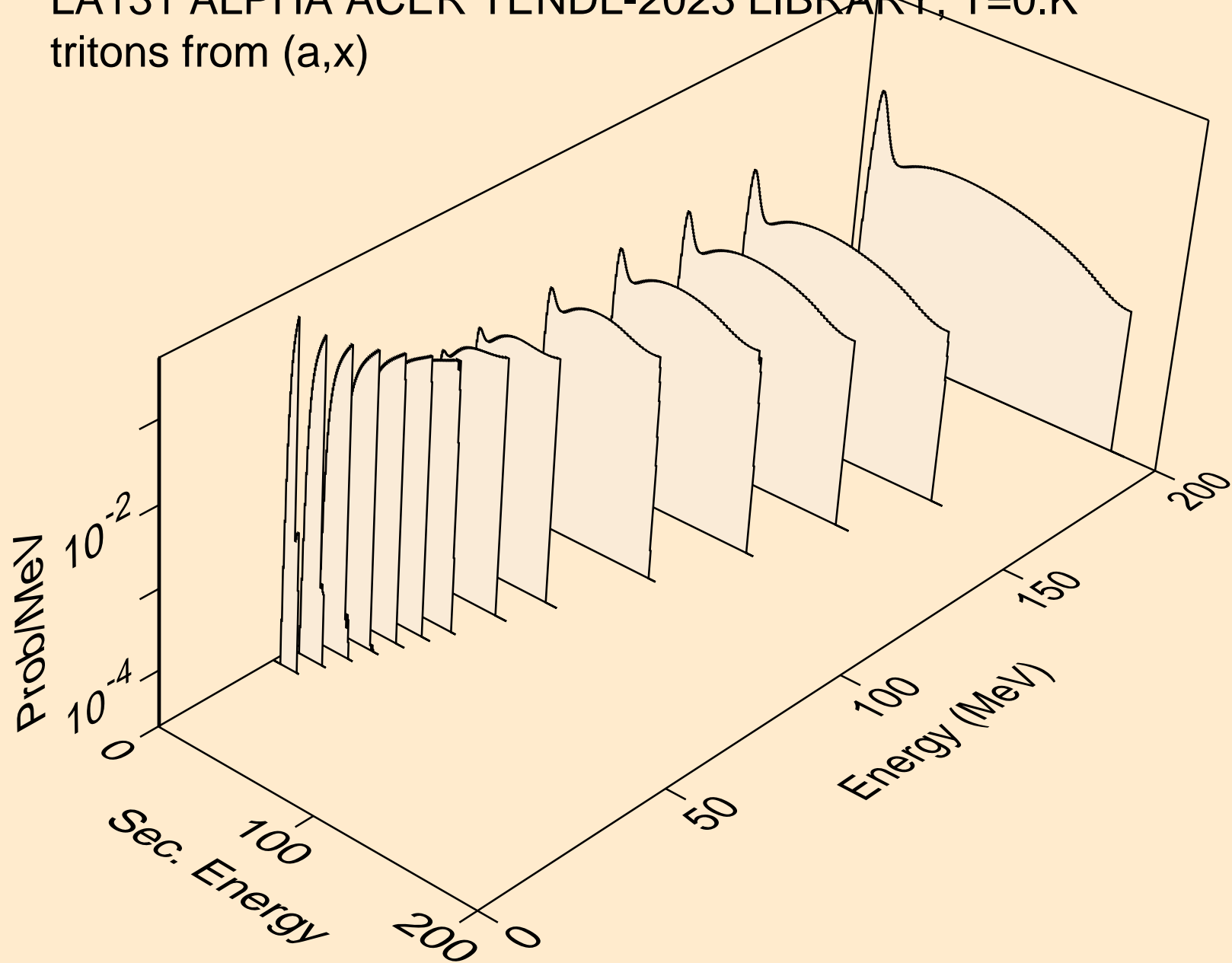
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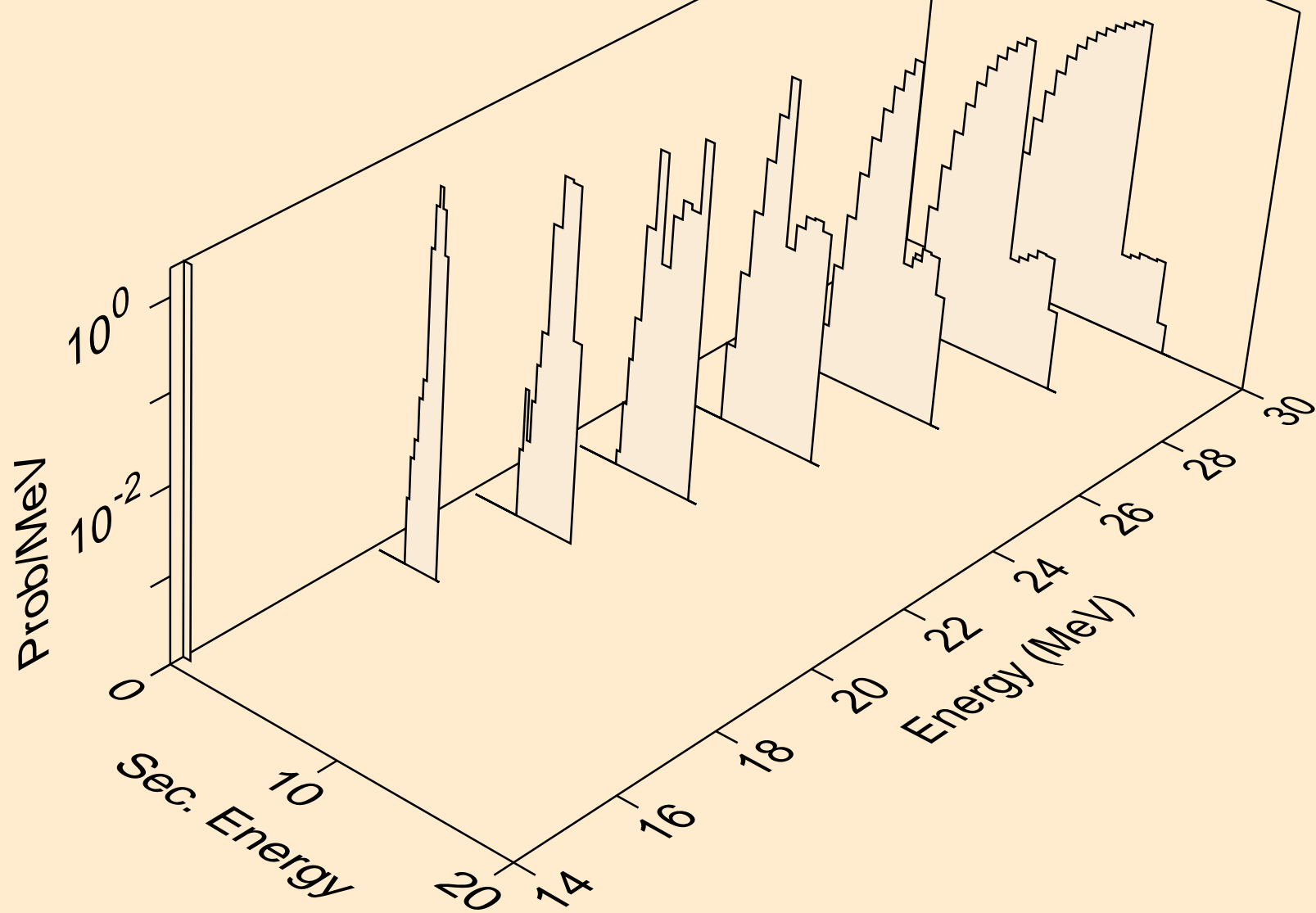
LA131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,da)



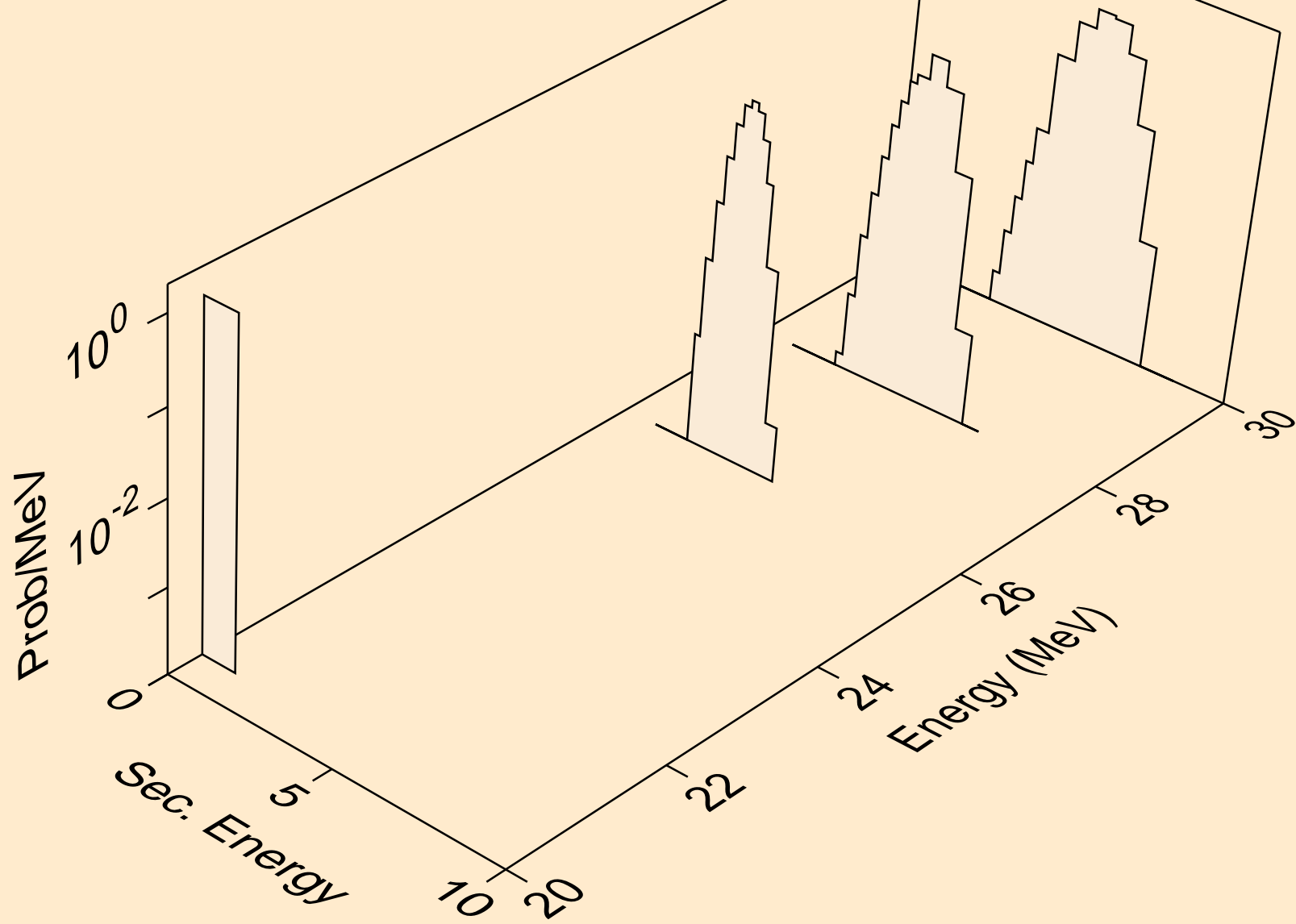
LA131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)



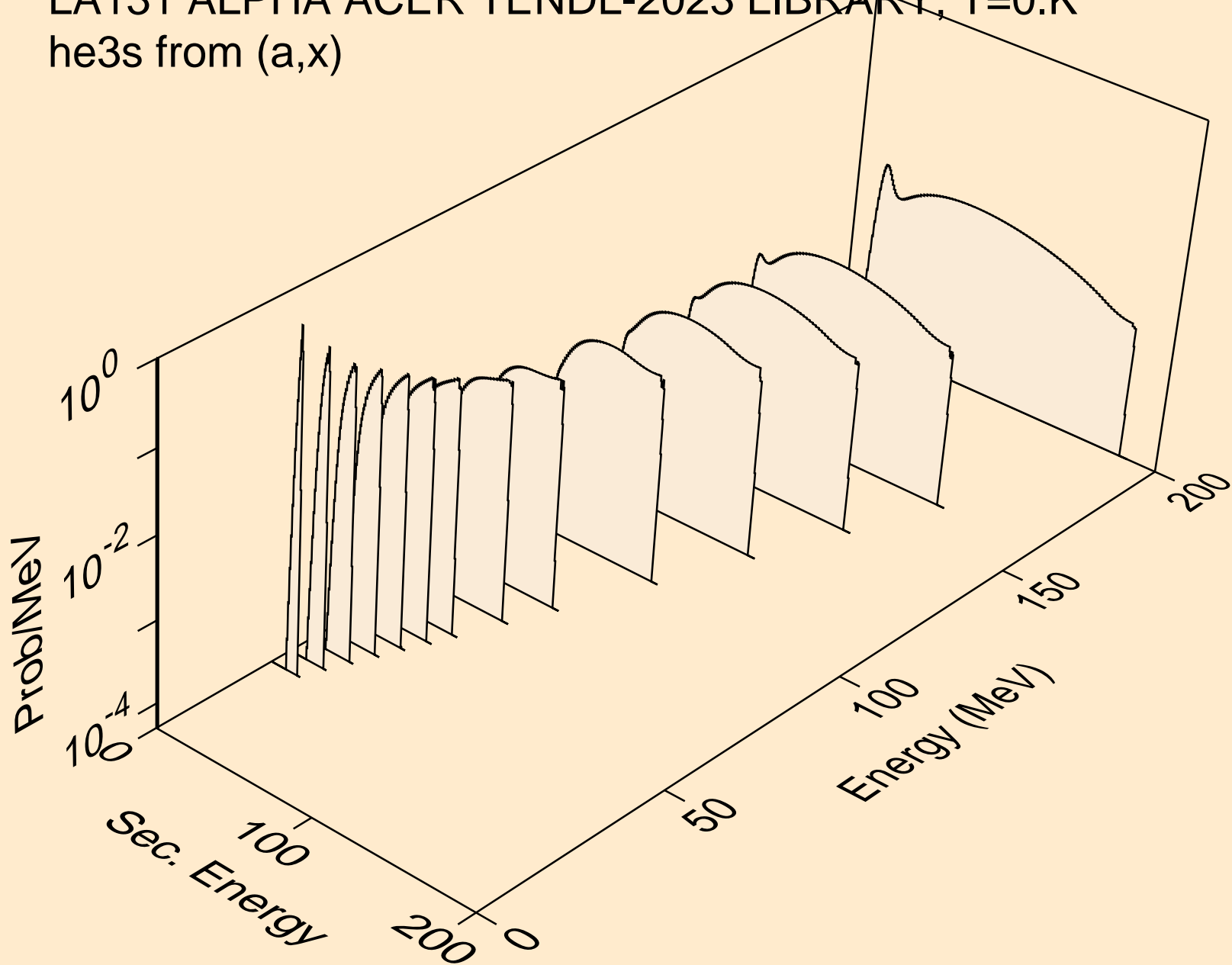
LA131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)



LA131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,pt)



LA131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



LA131 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

