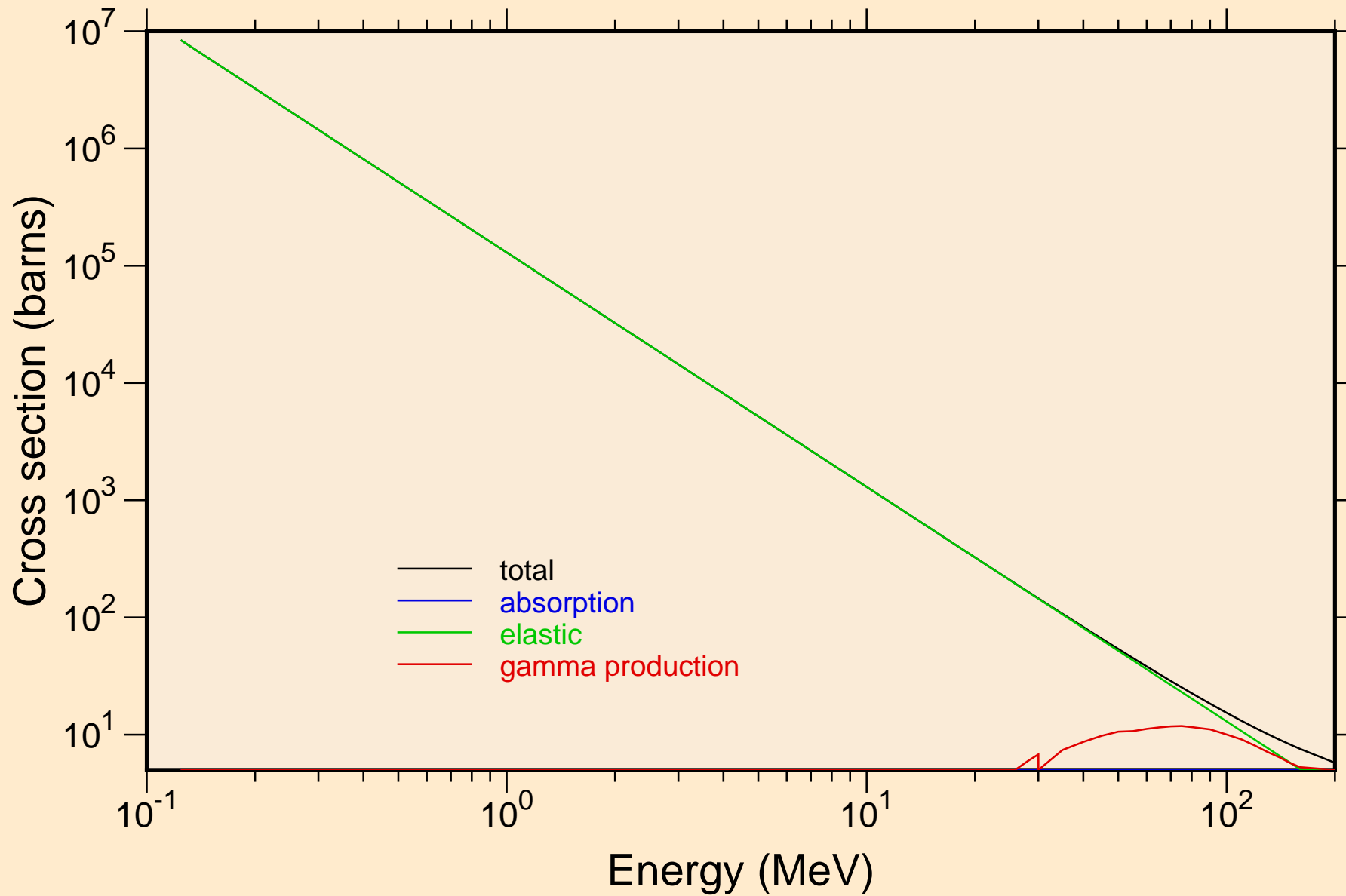
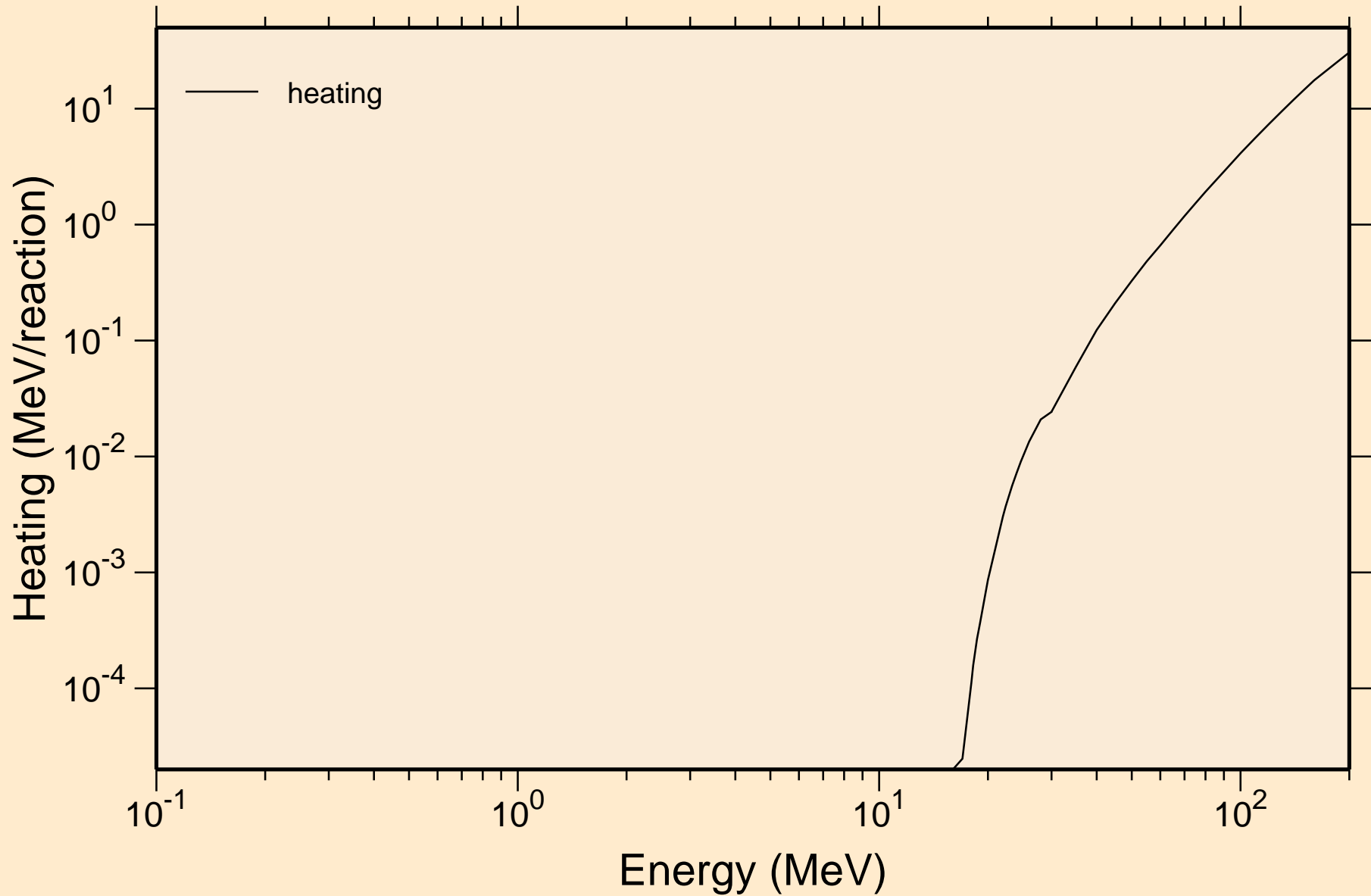


LU162N ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



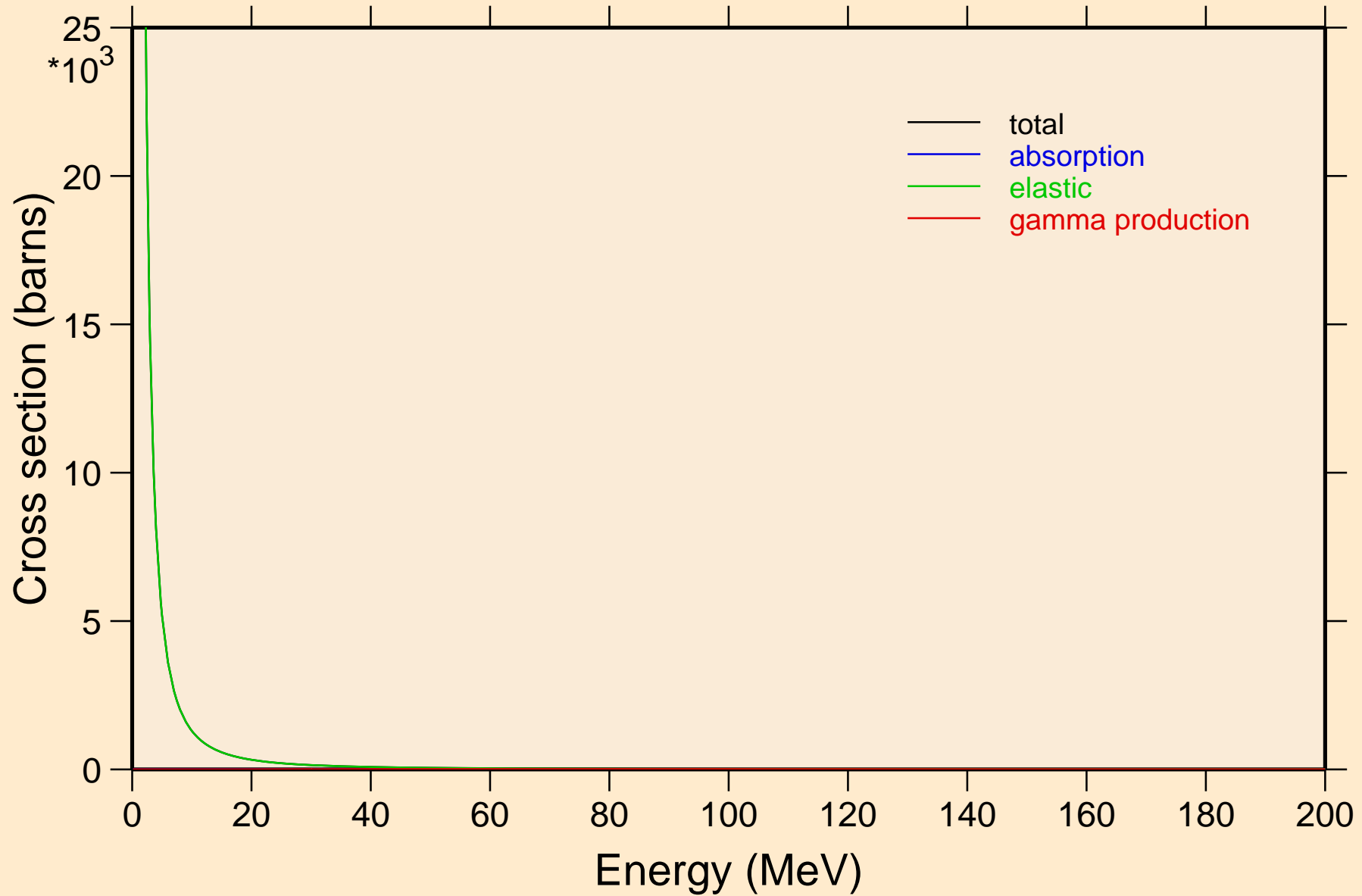
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Heating



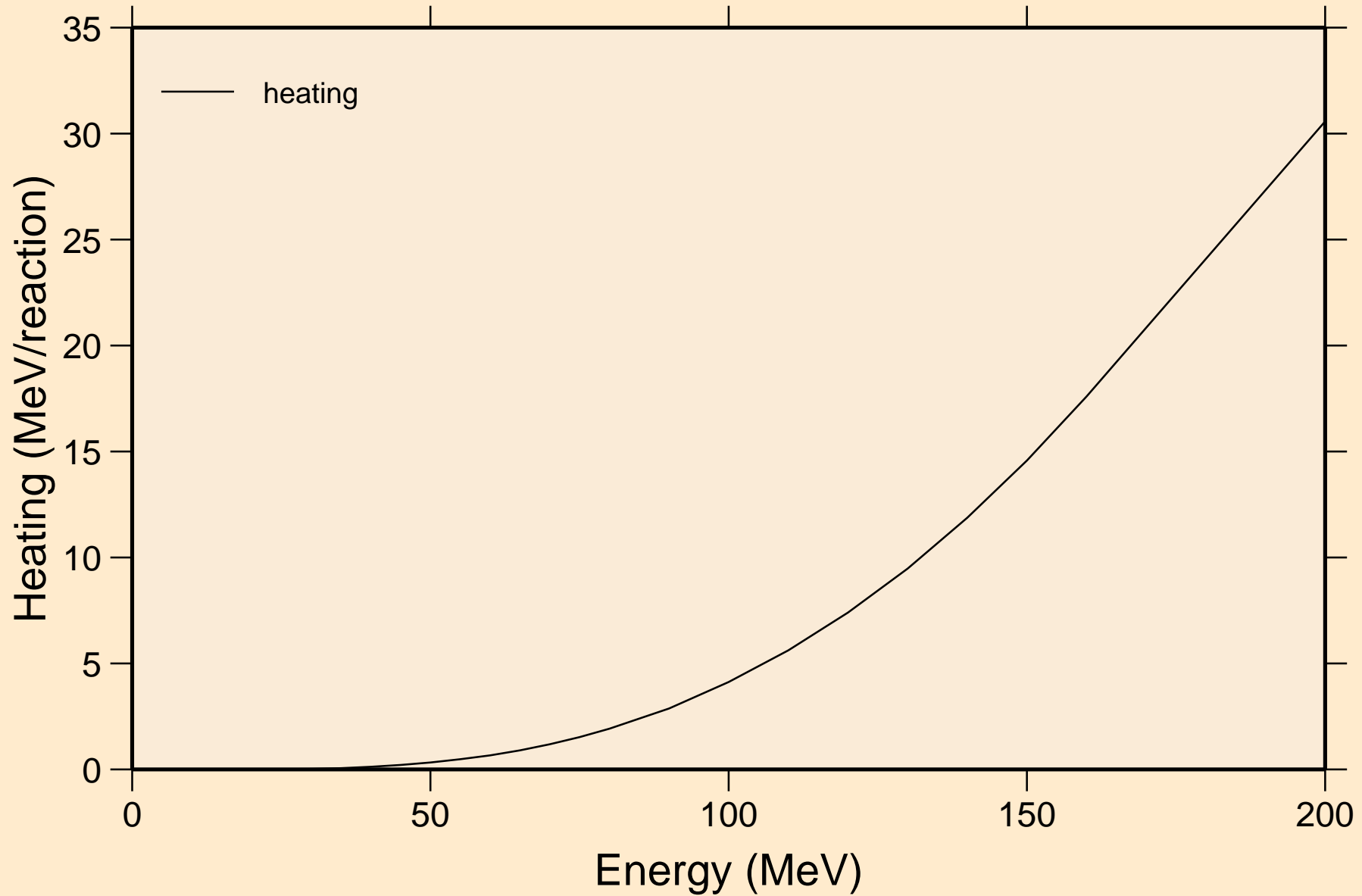
# LU162N ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

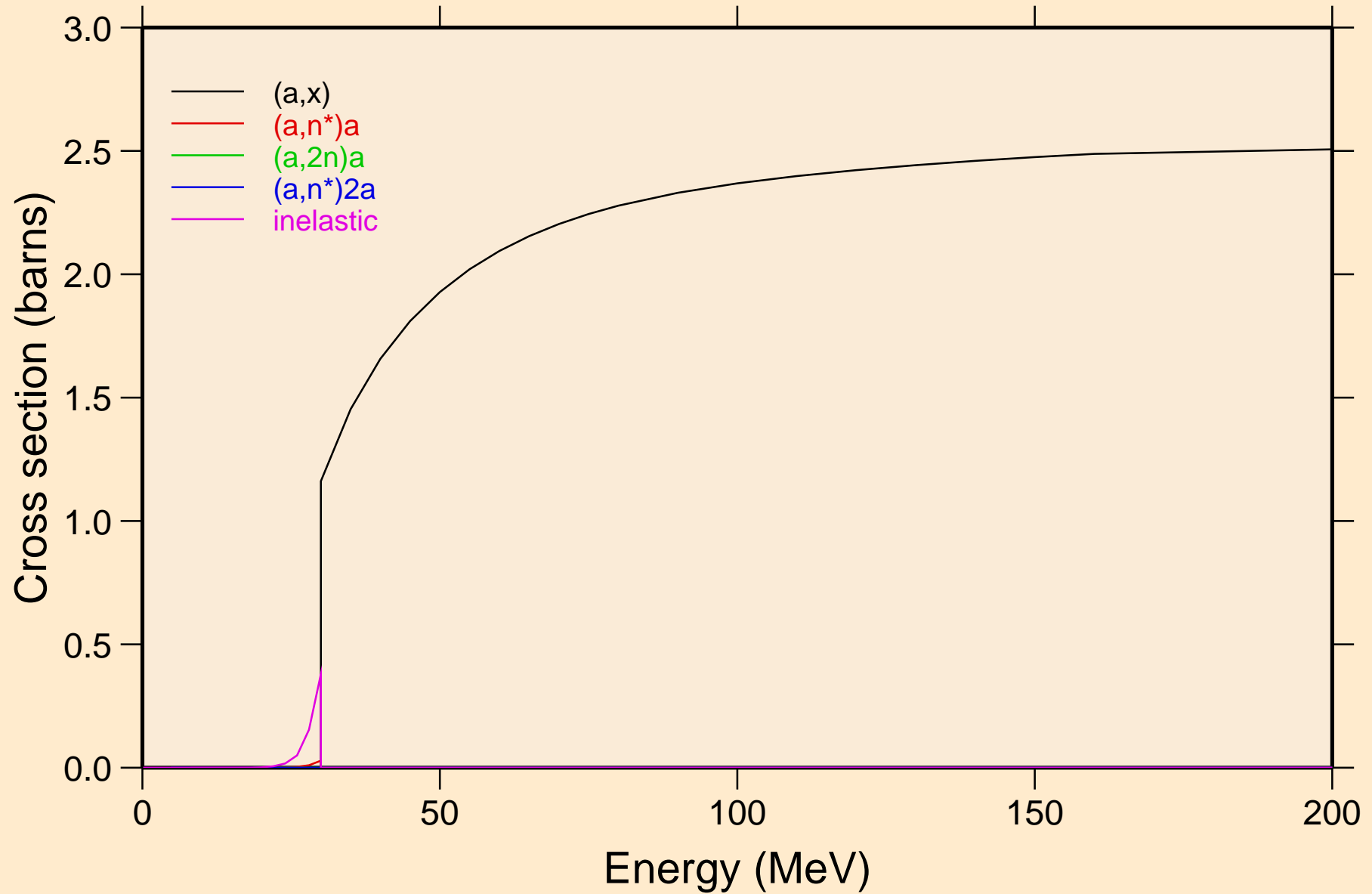


LU162N ALPHA ACER TENDL-2023 LIBRARY; T=0.K

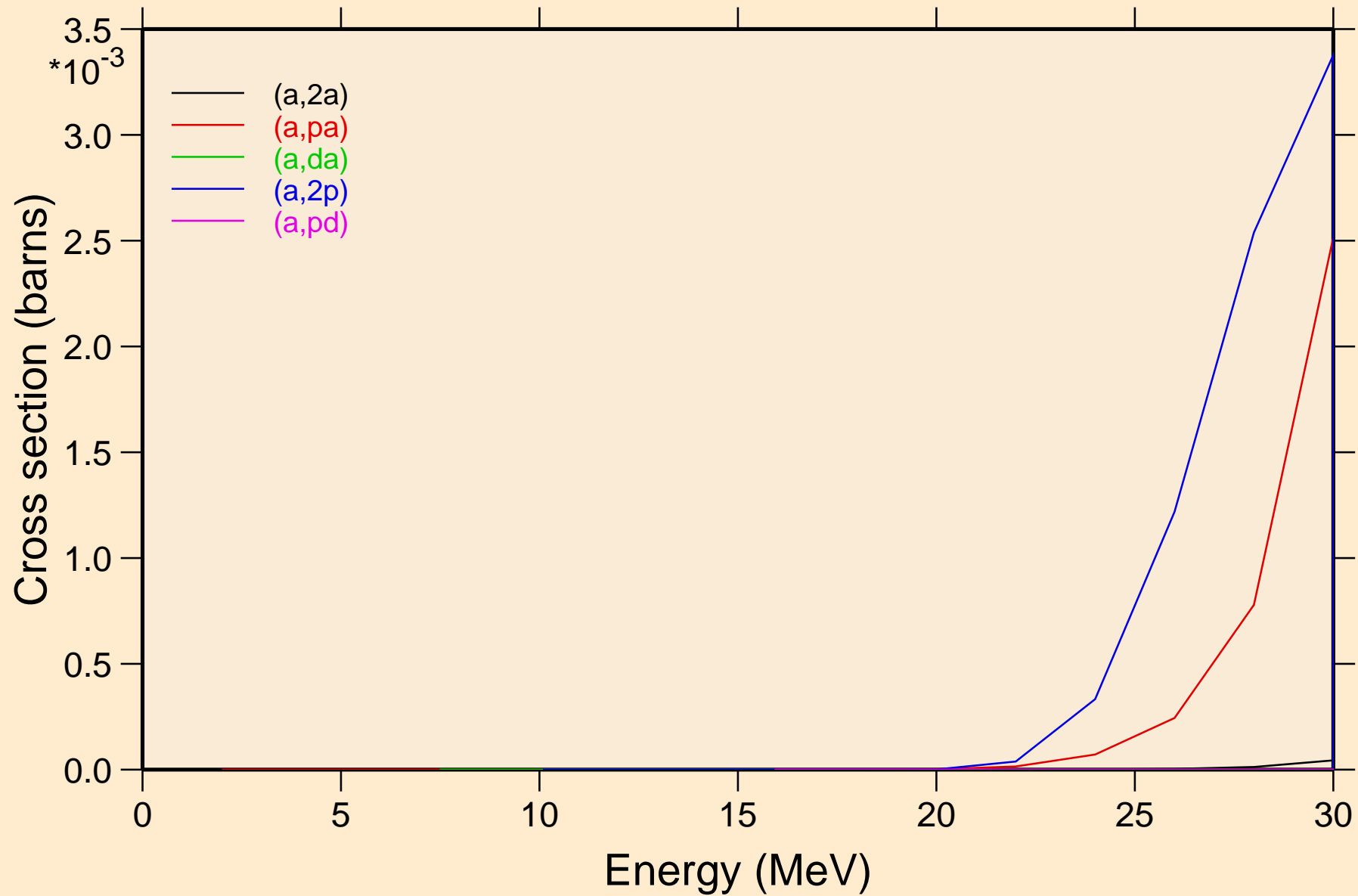
Heating



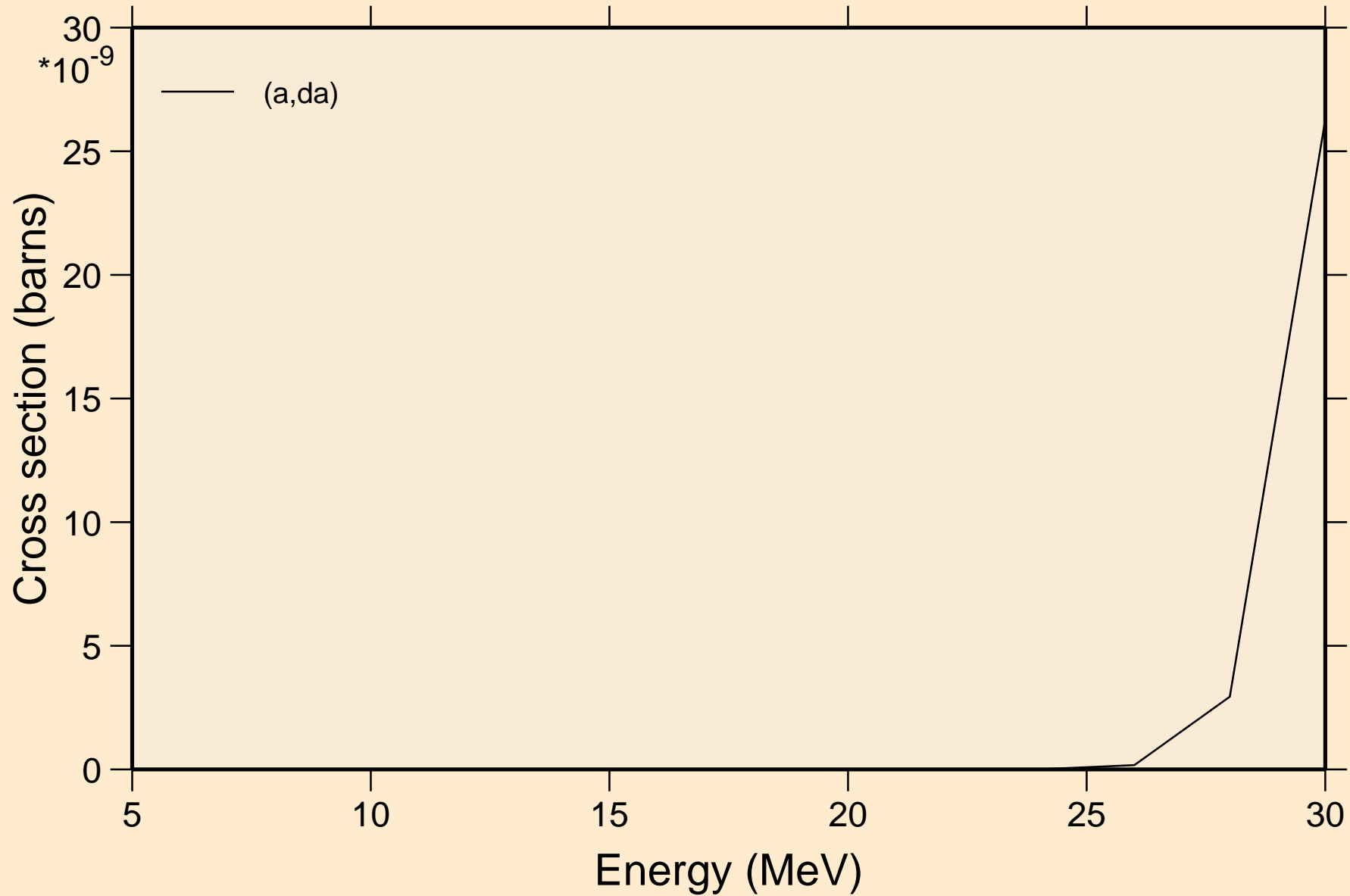
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Threshold reactions



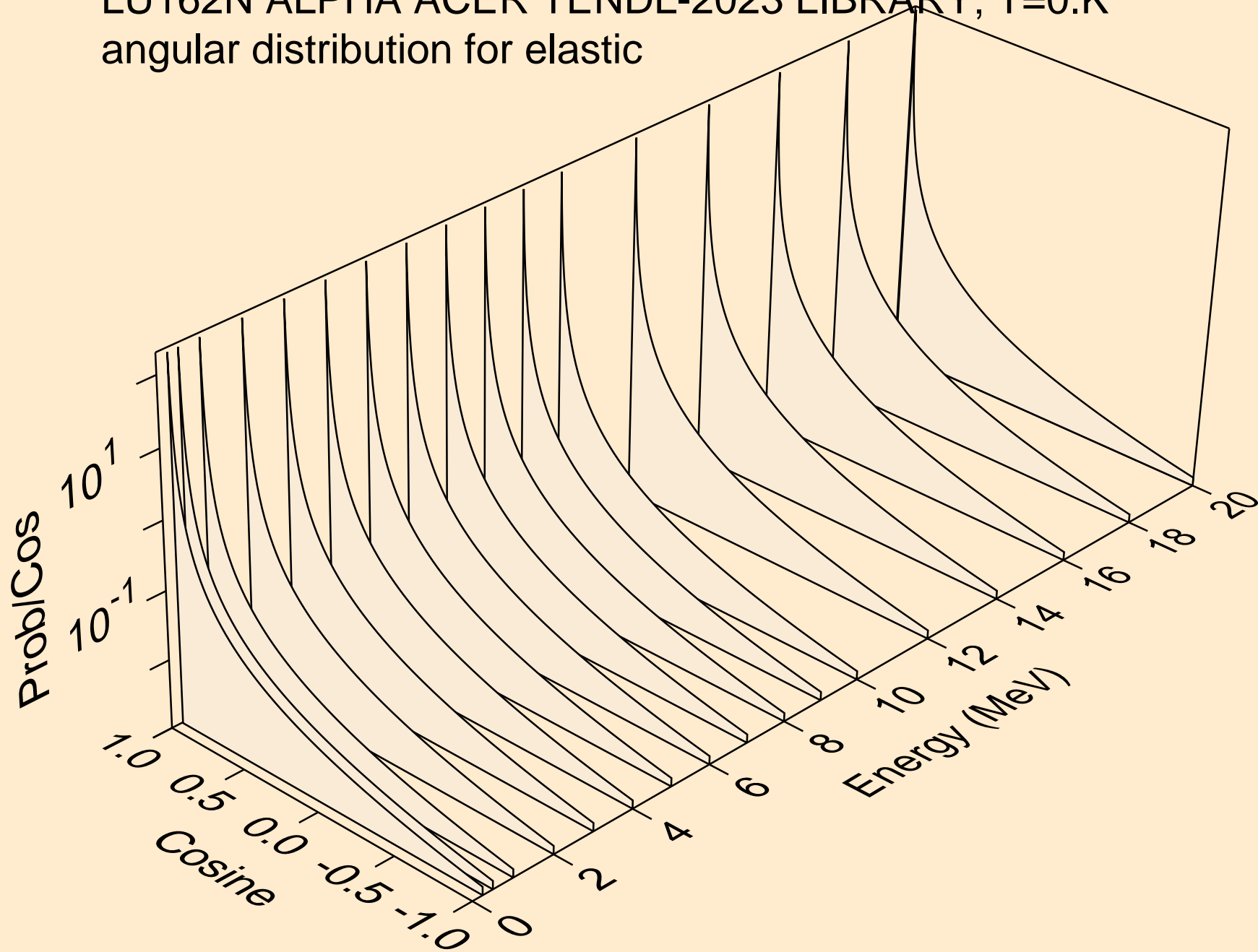
LU162N ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



LU162N ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

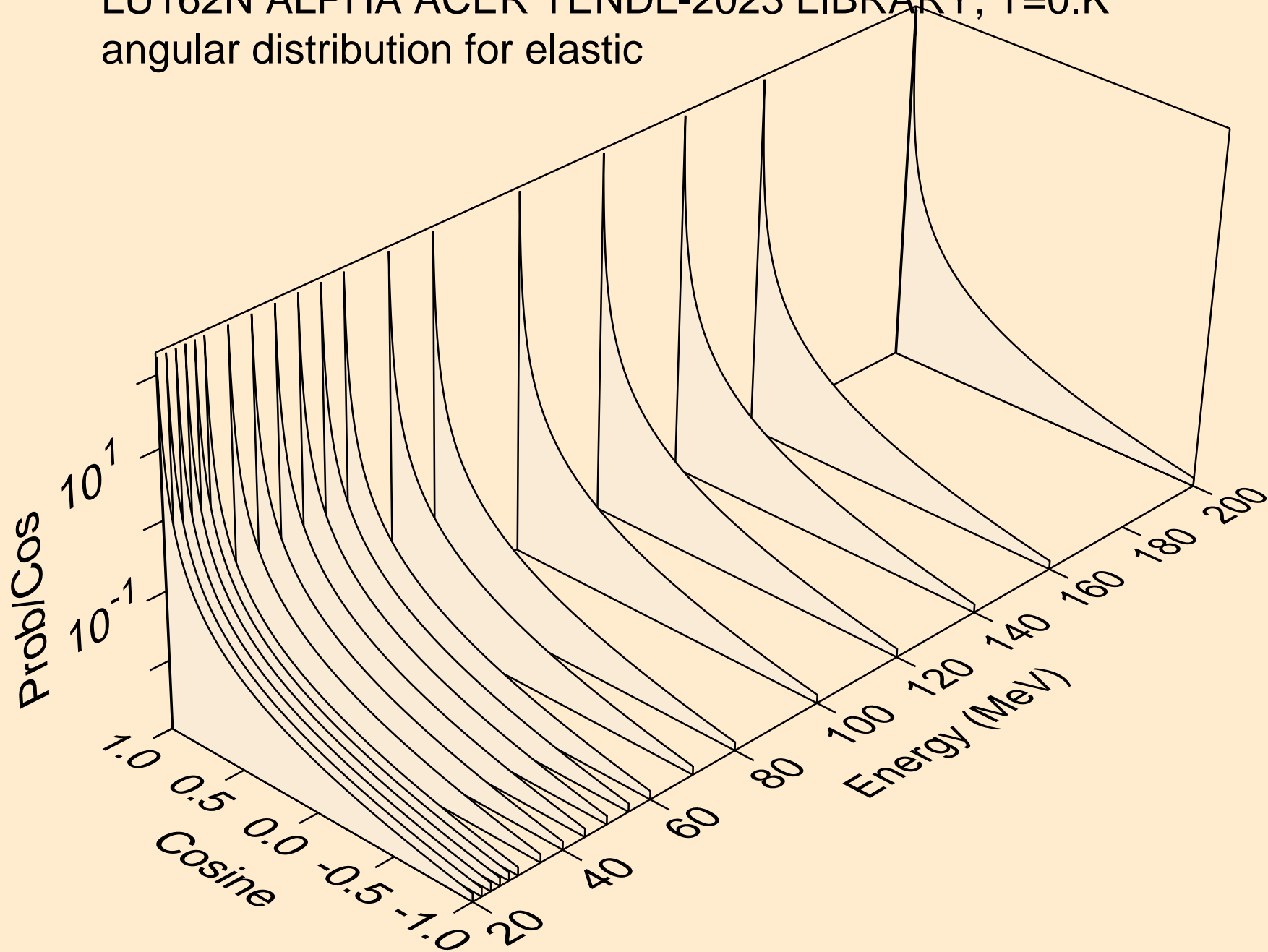


LU162N ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

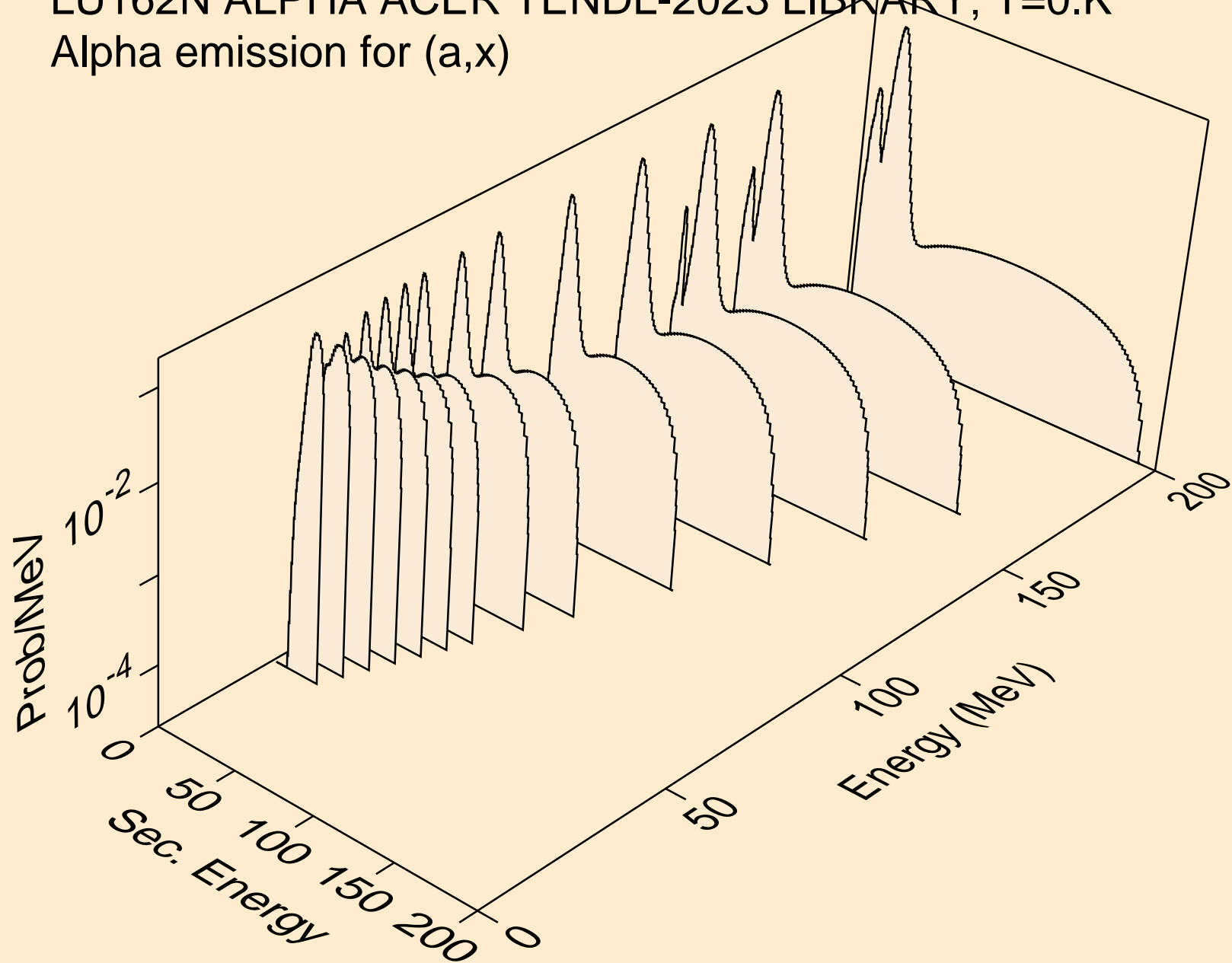




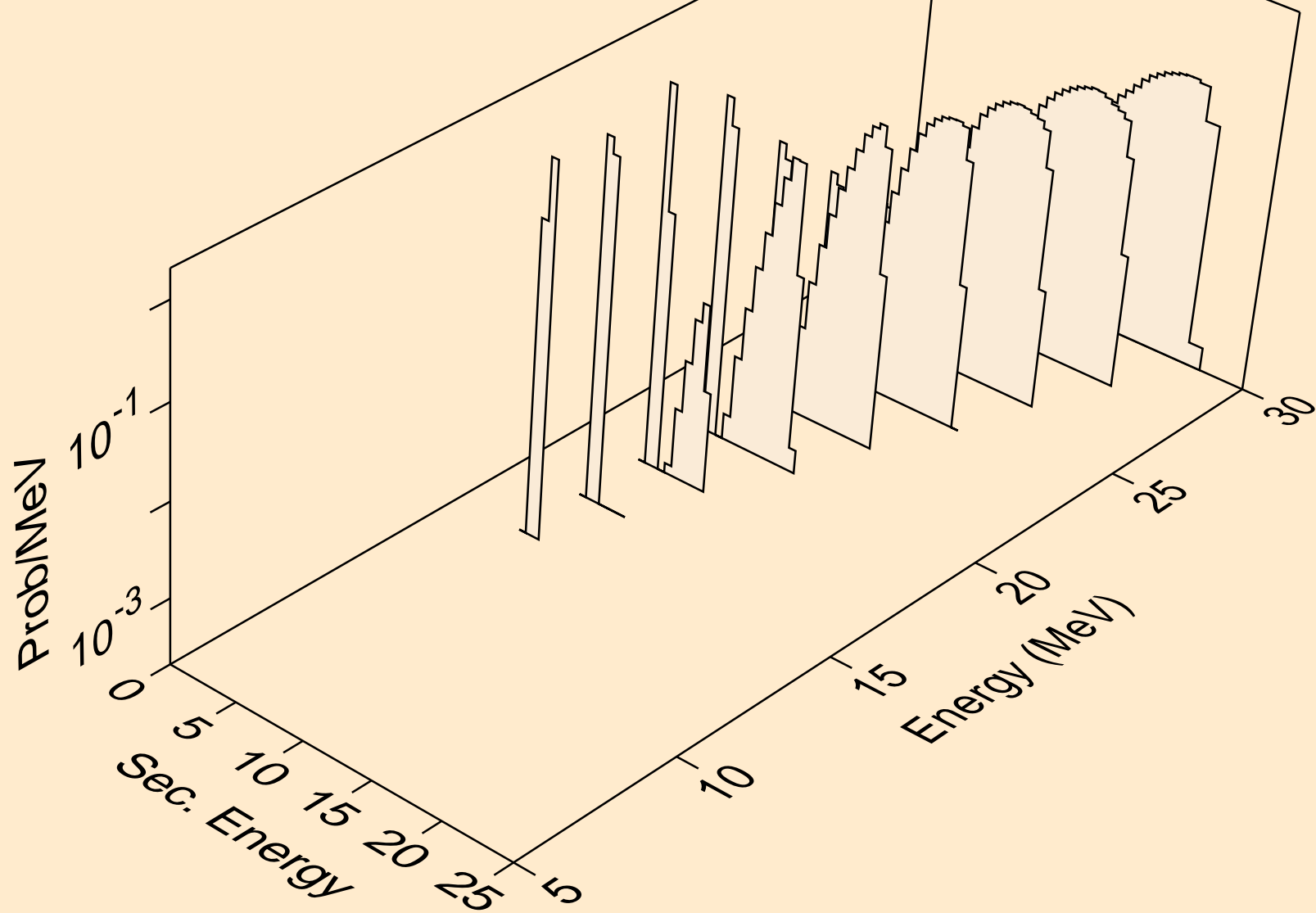
LU162N ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



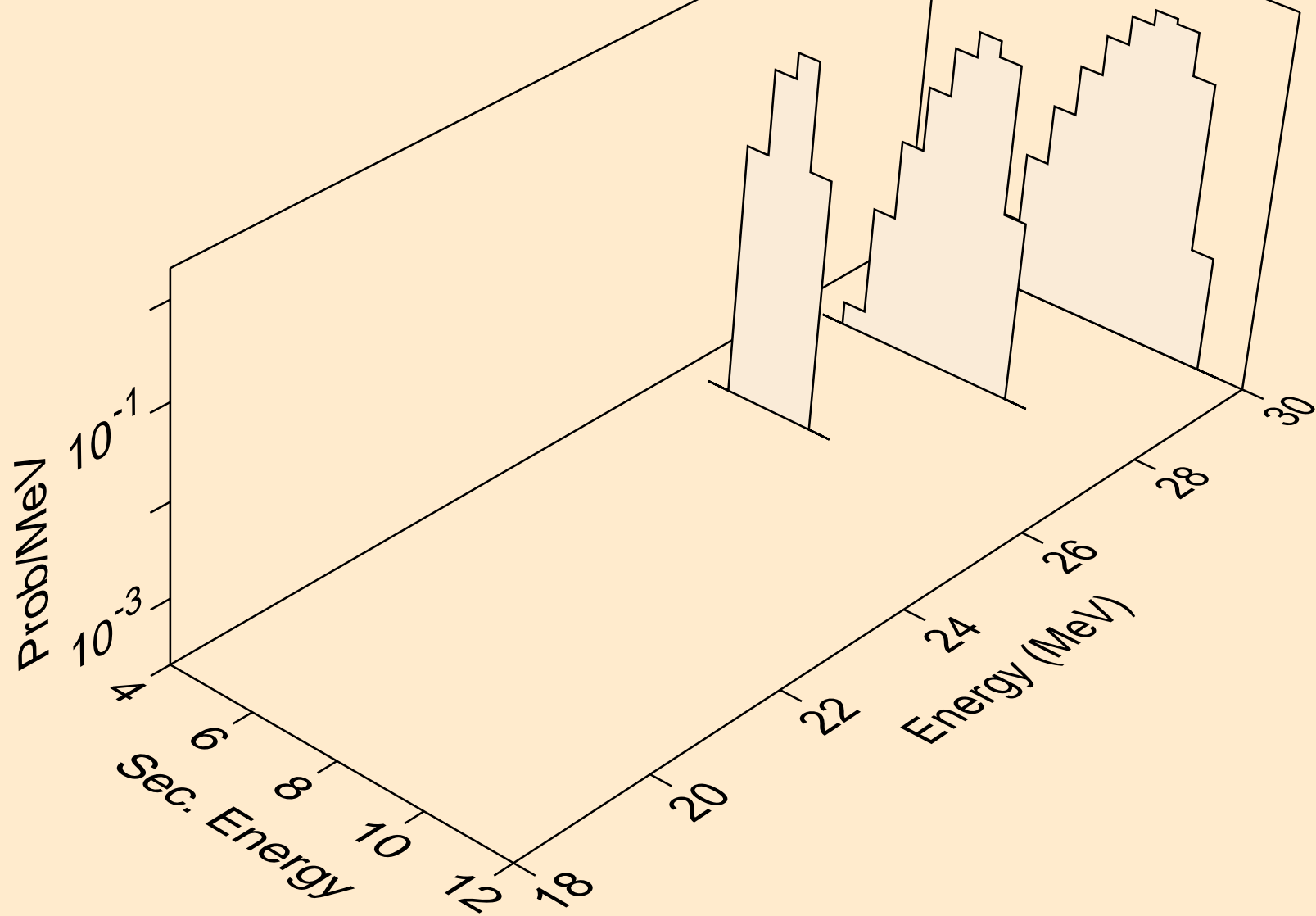
LU162N ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,x)



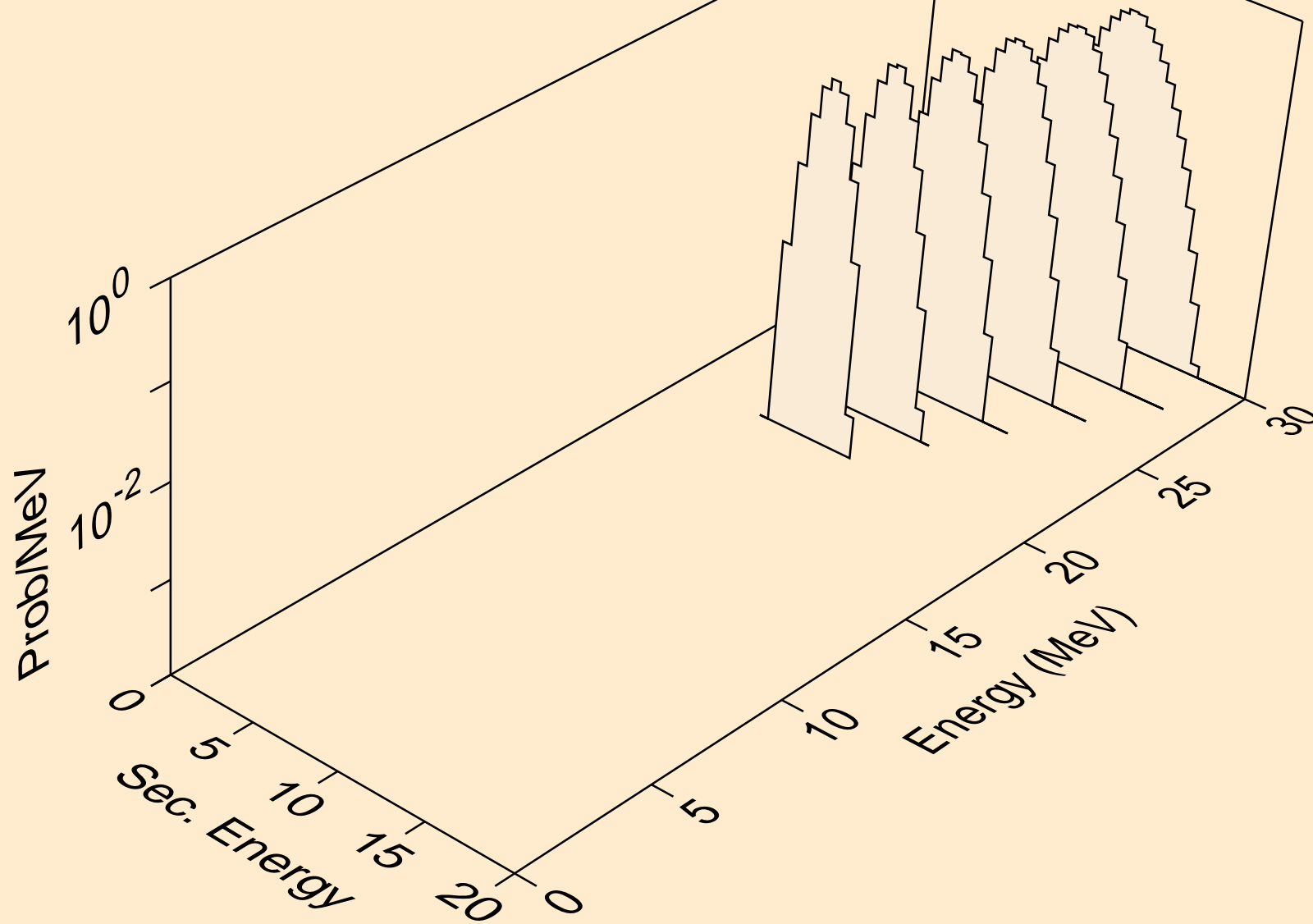
LU162N ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



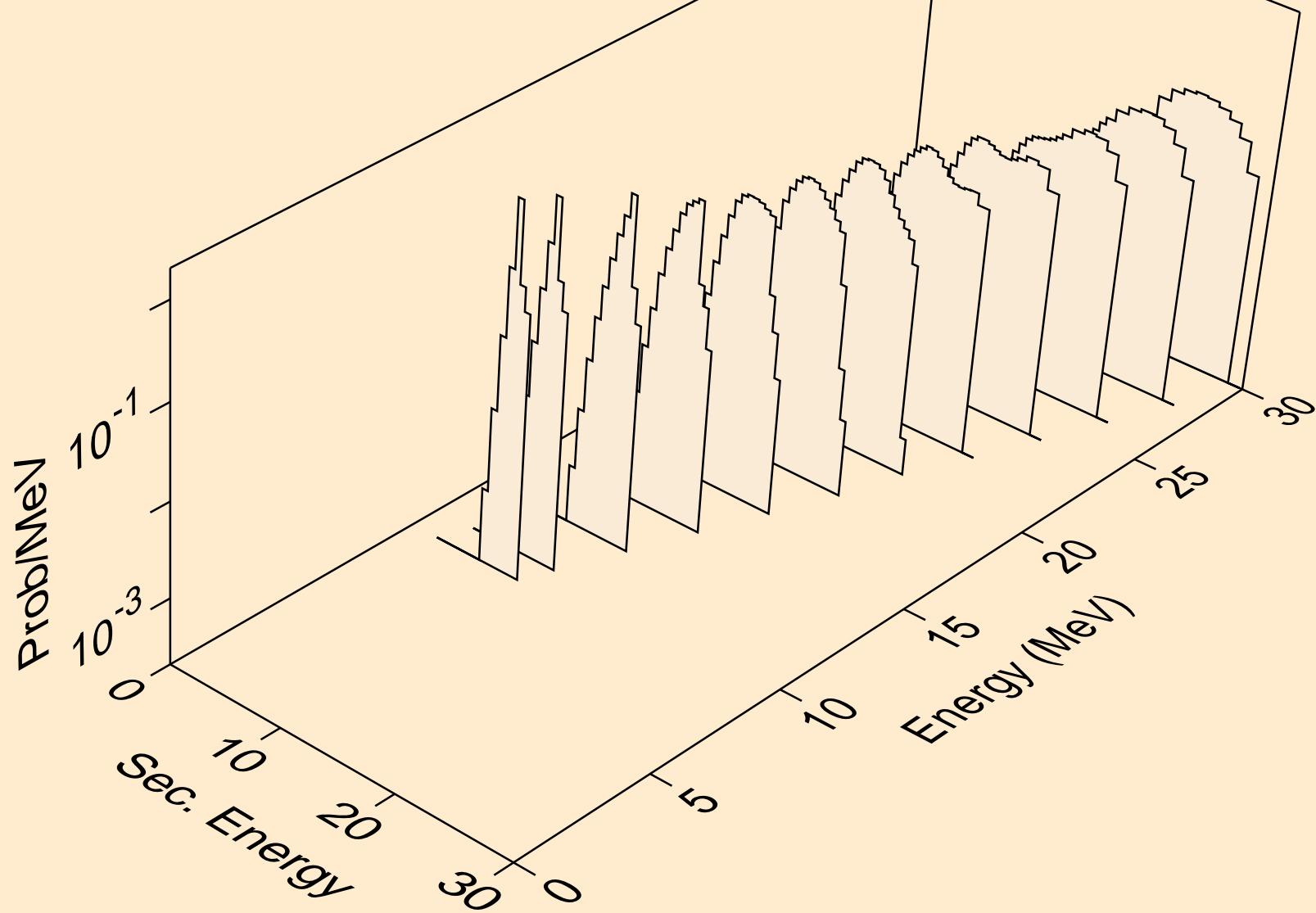
LU162N ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



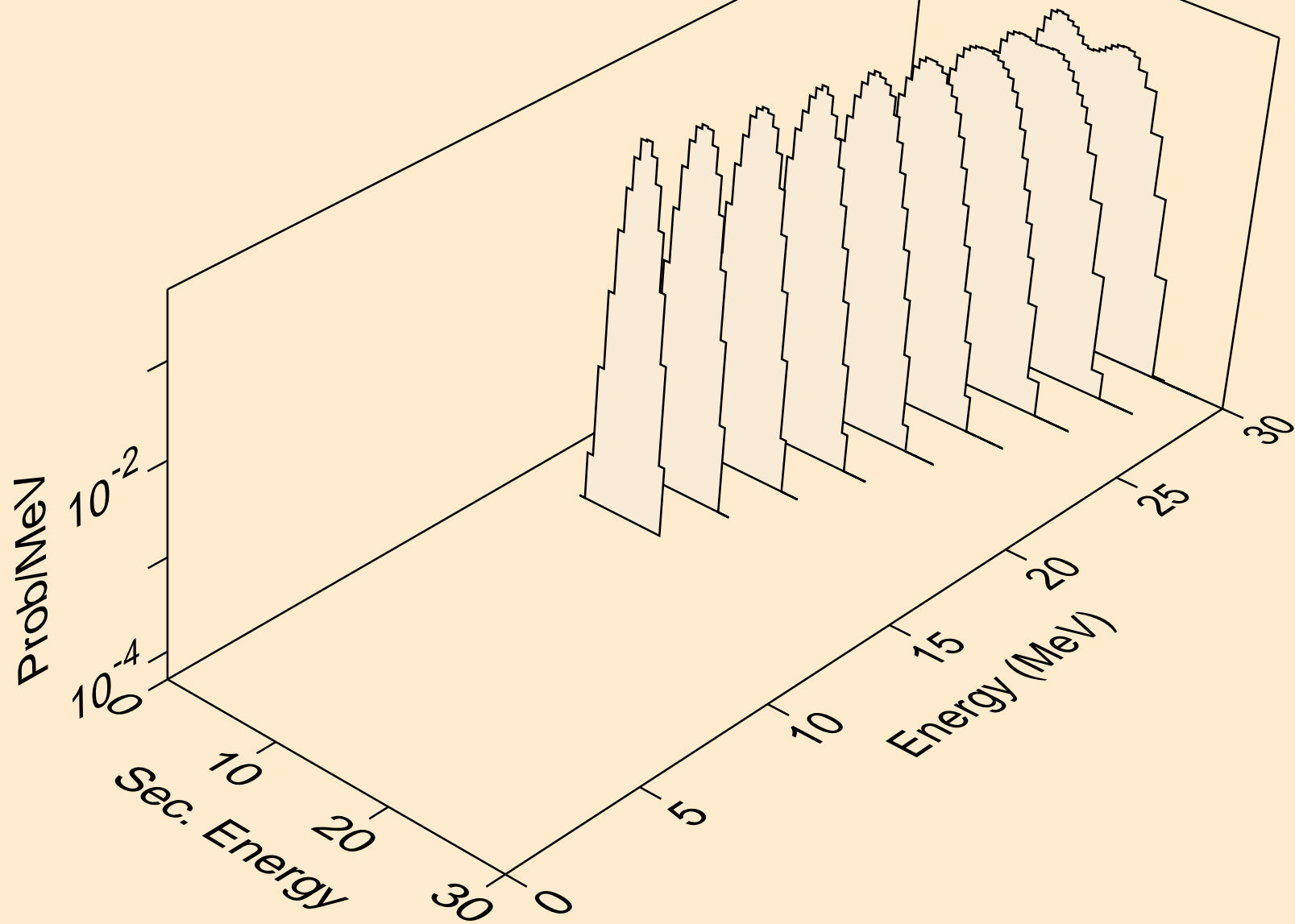
LU162N ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)2a



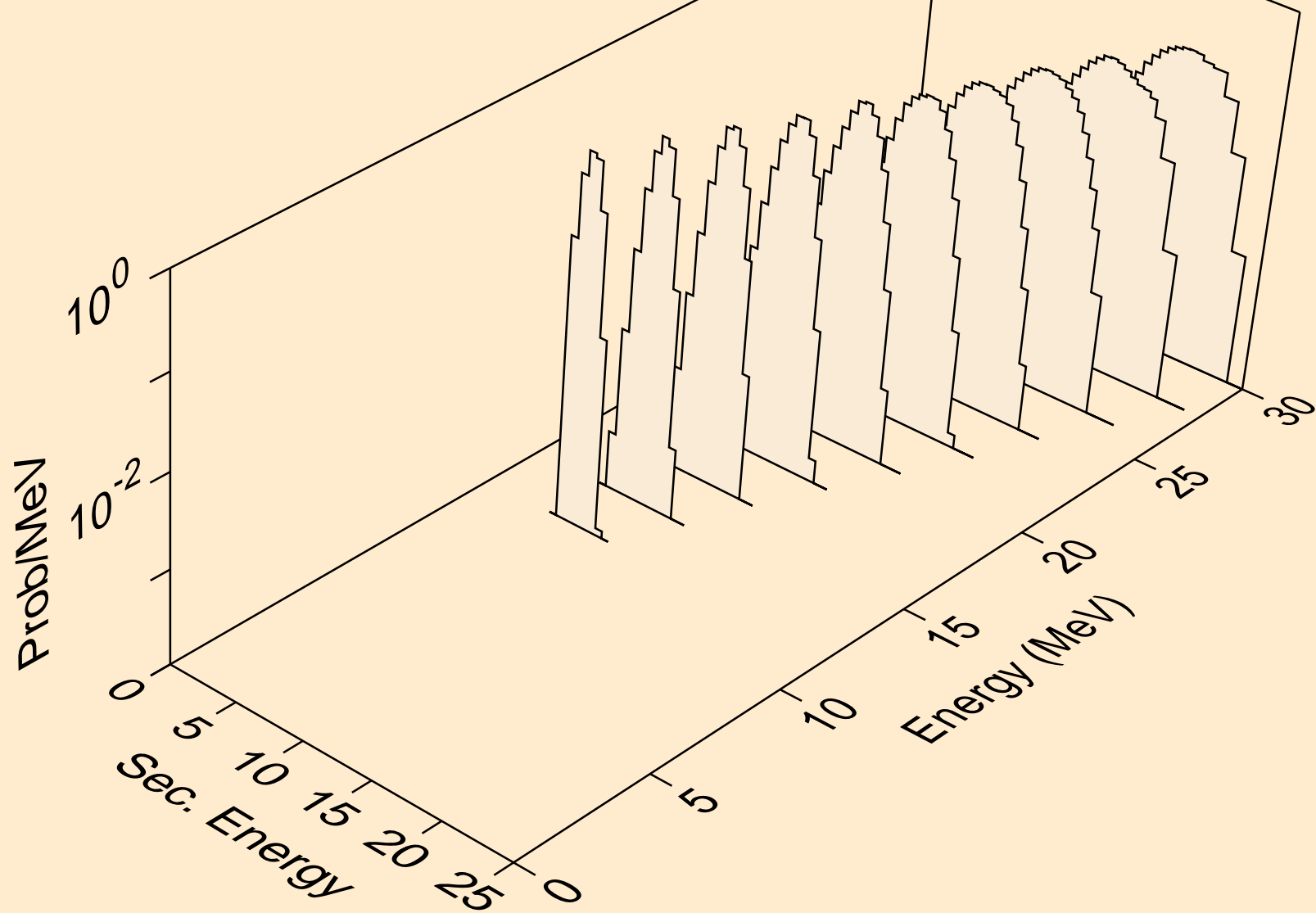
LU162N ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic



LU162N ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2a)

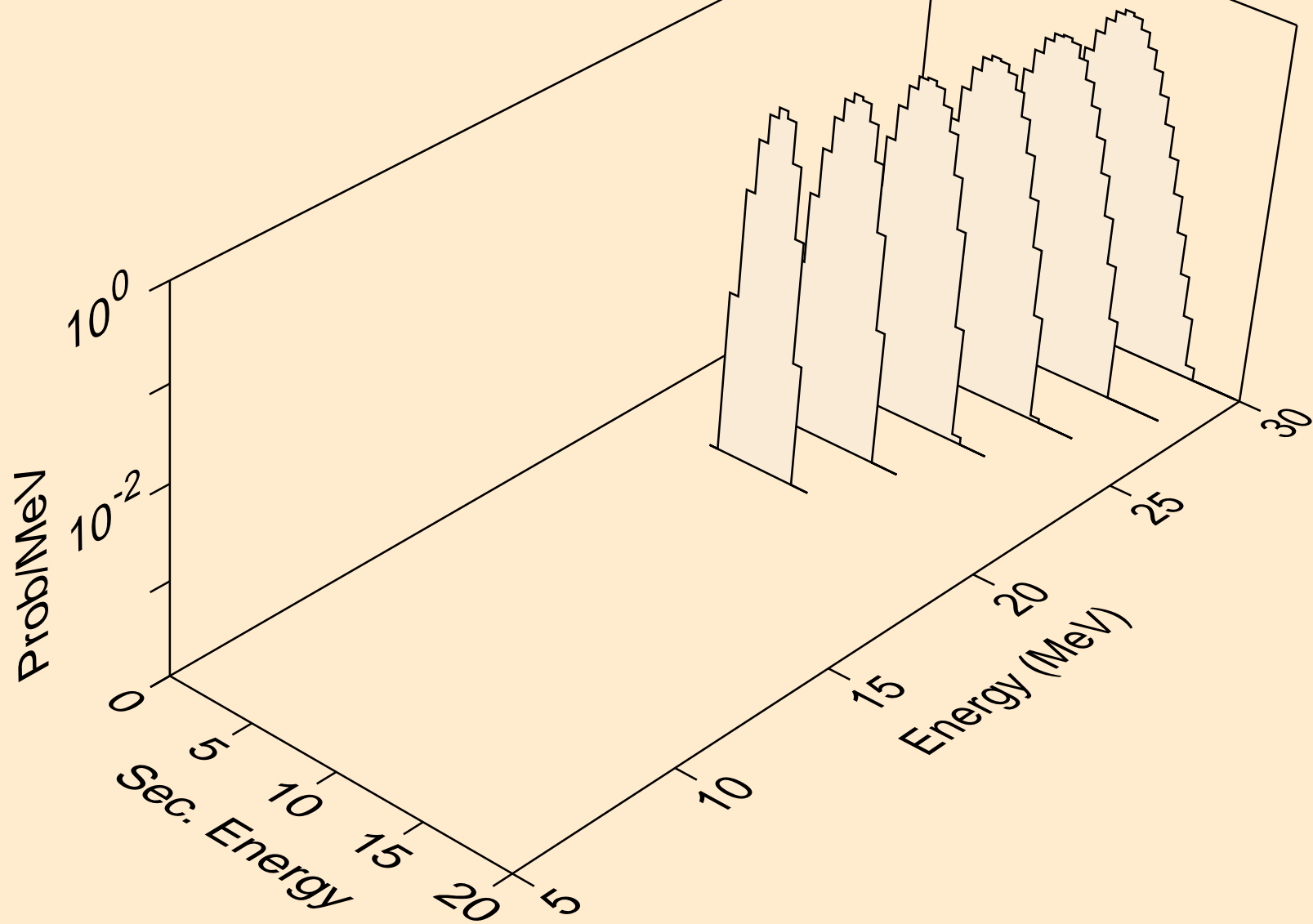


LU162N ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,pa)

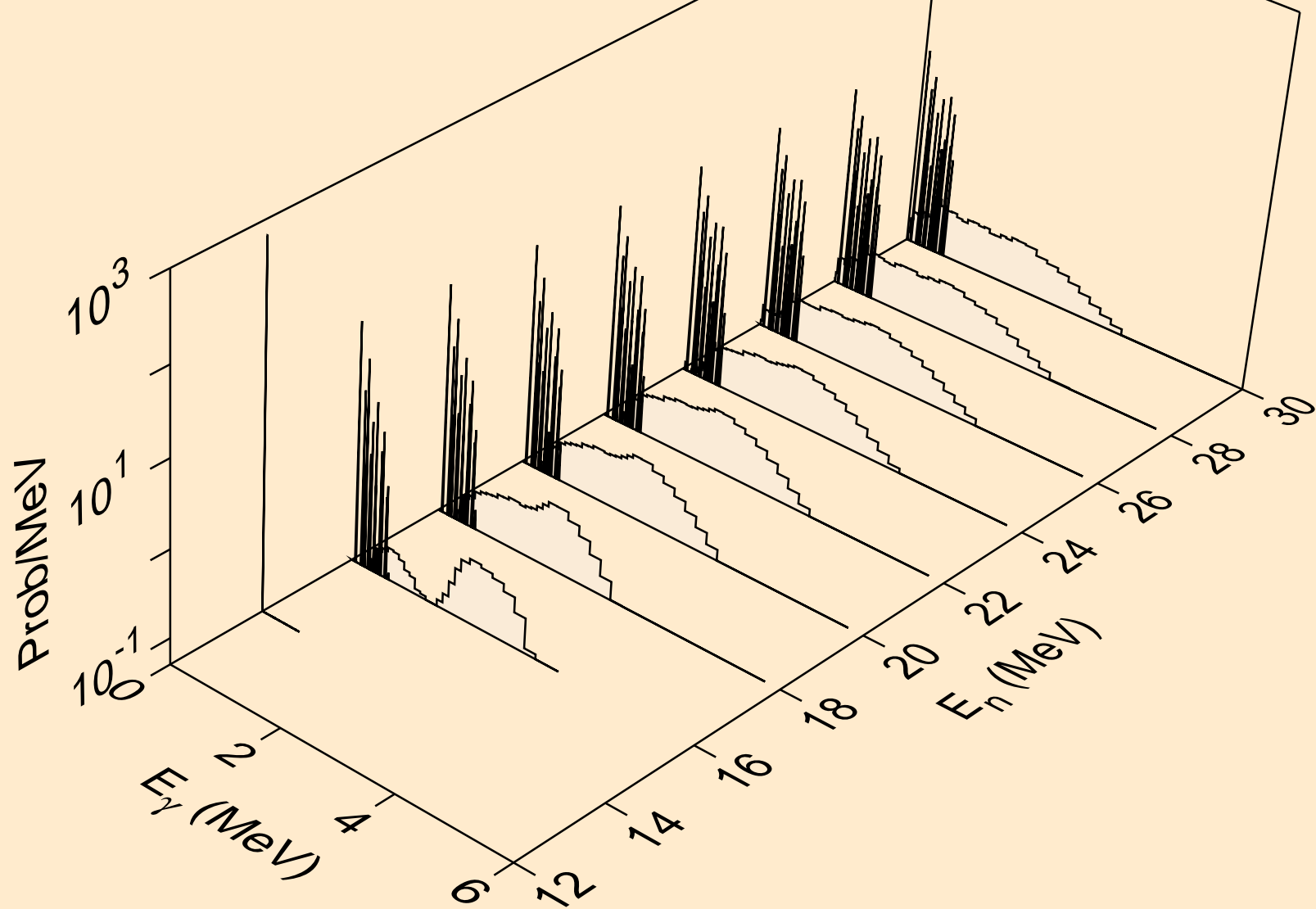




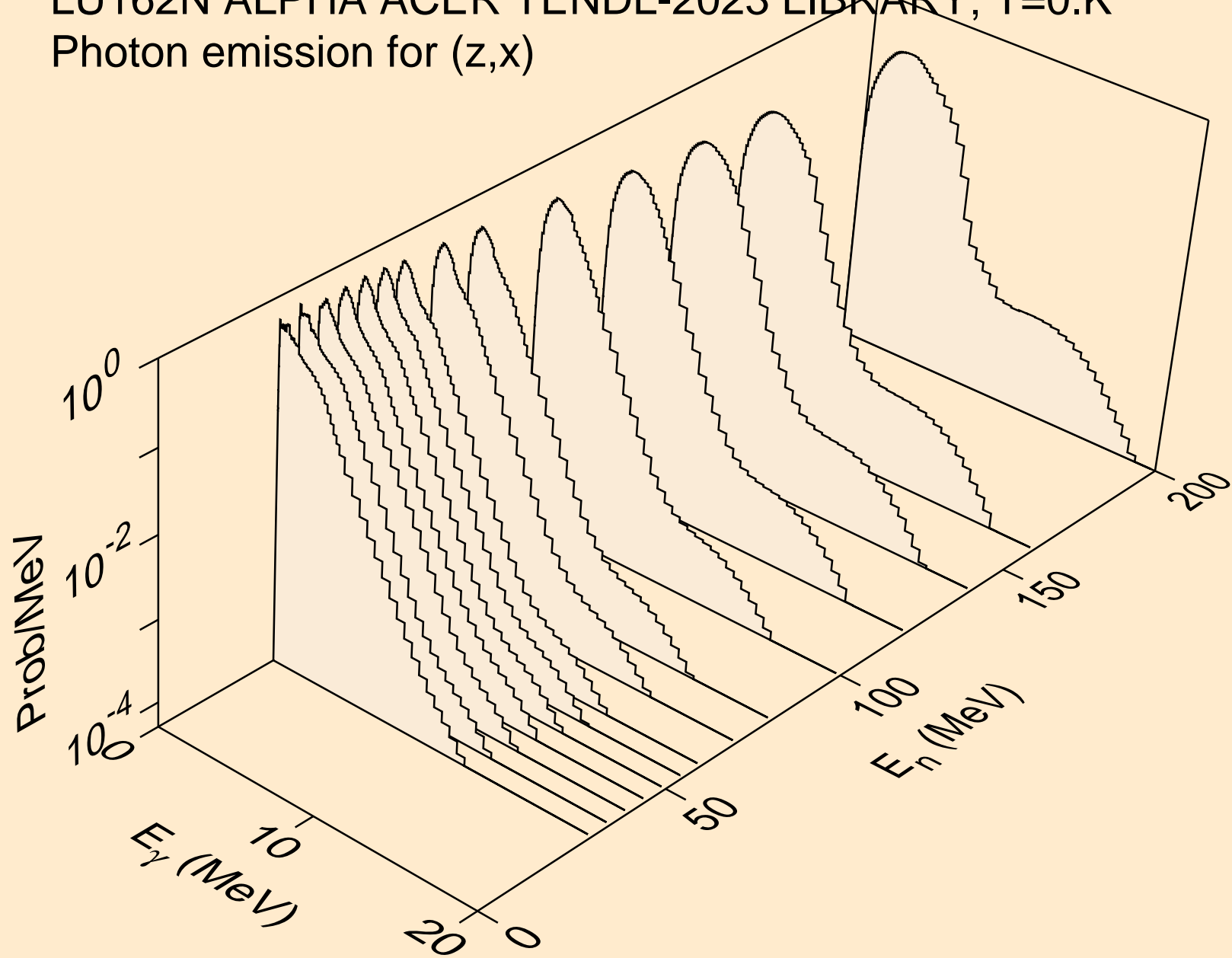
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Alpha emission for (a,da)



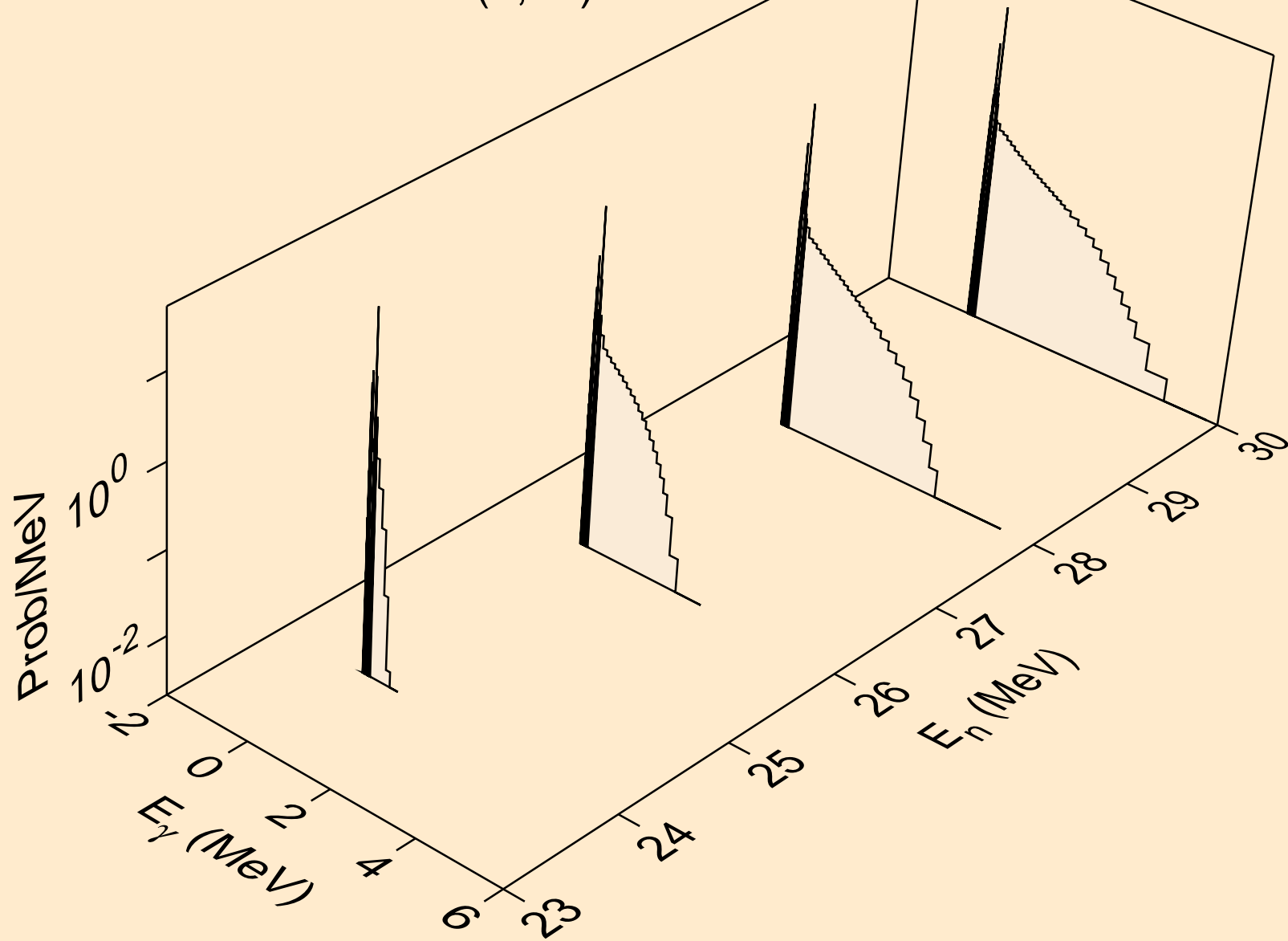
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Photon emission for (z,n)



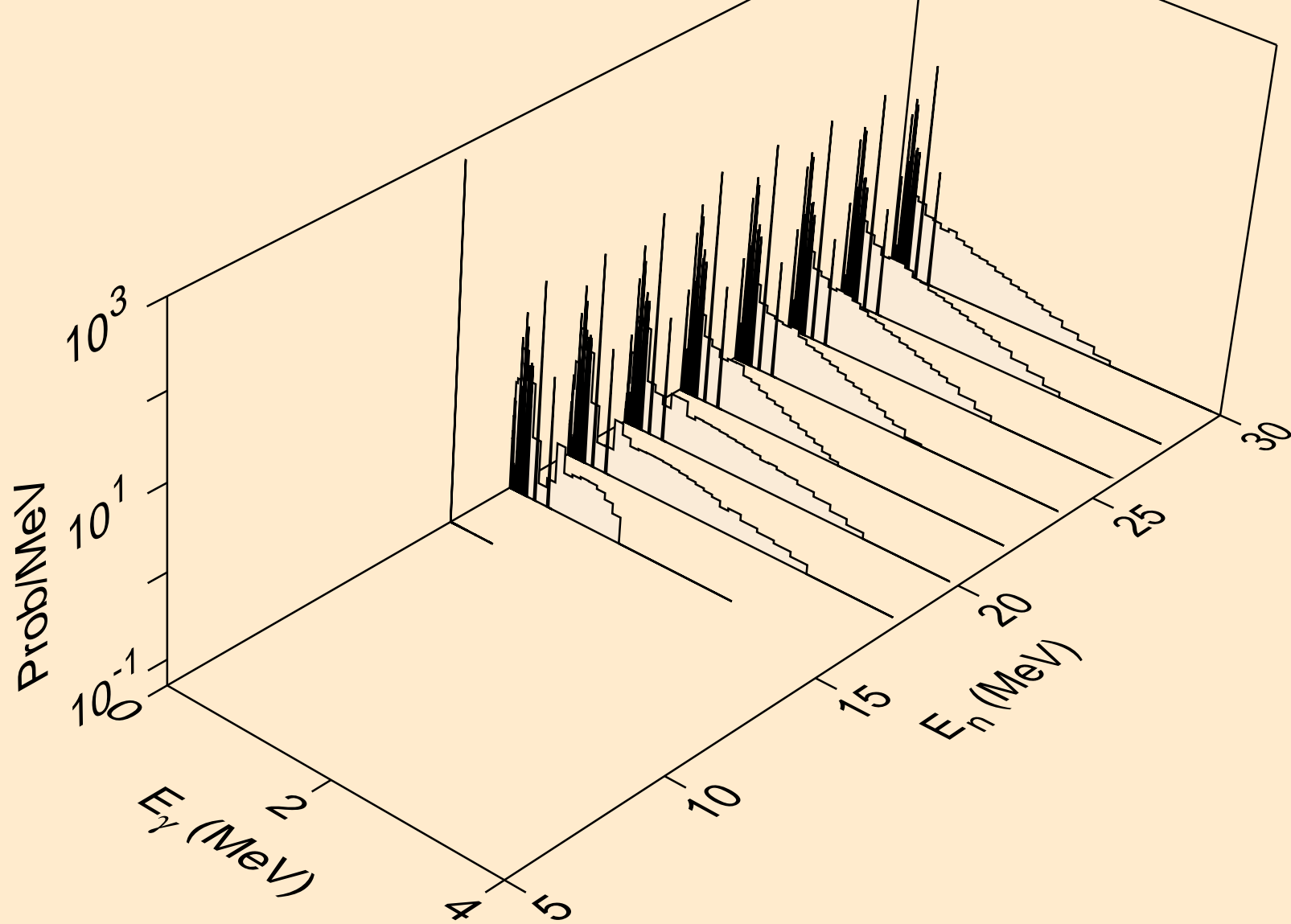
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Photon emission for (z,x)



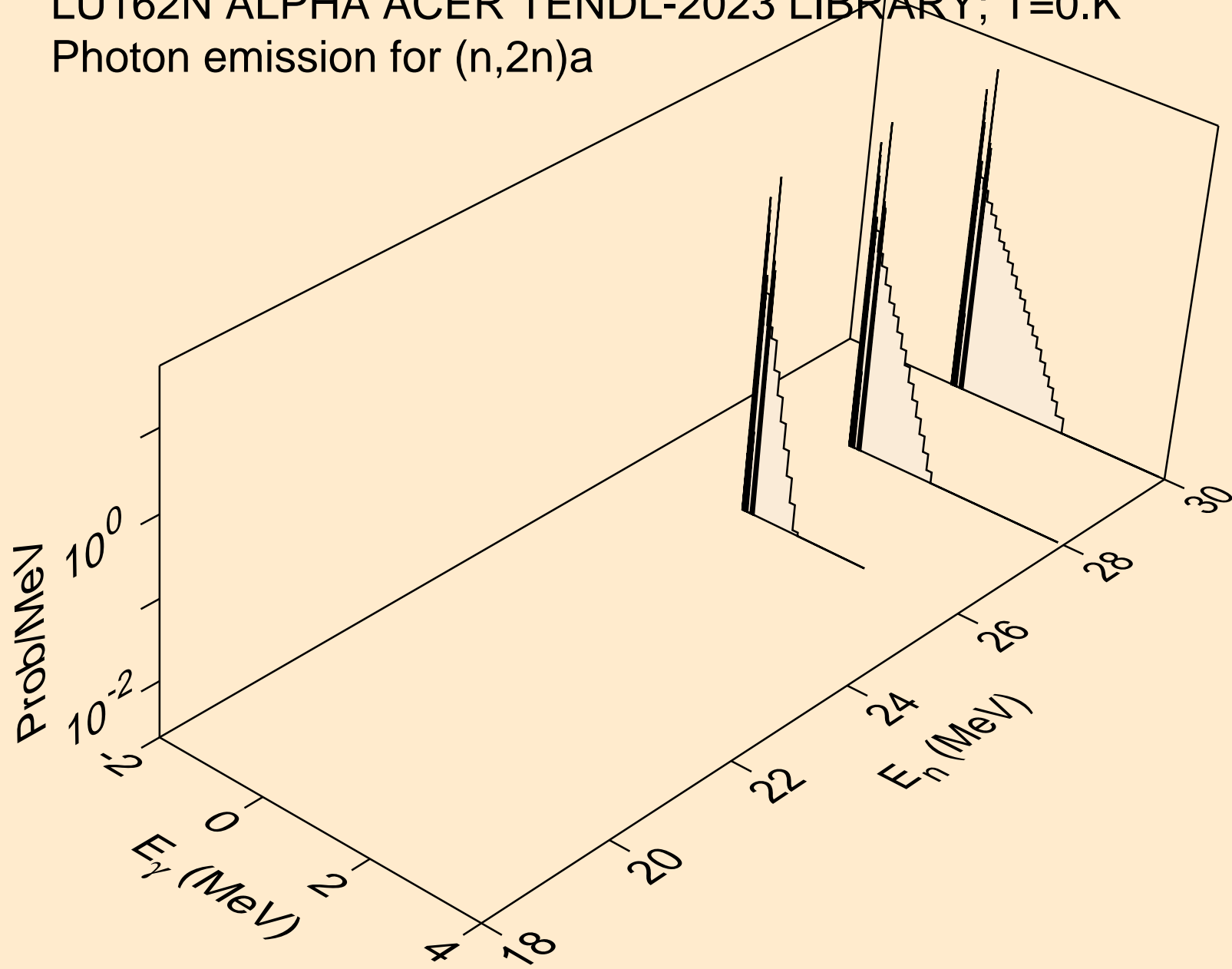
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Photon emission for (n,2n)



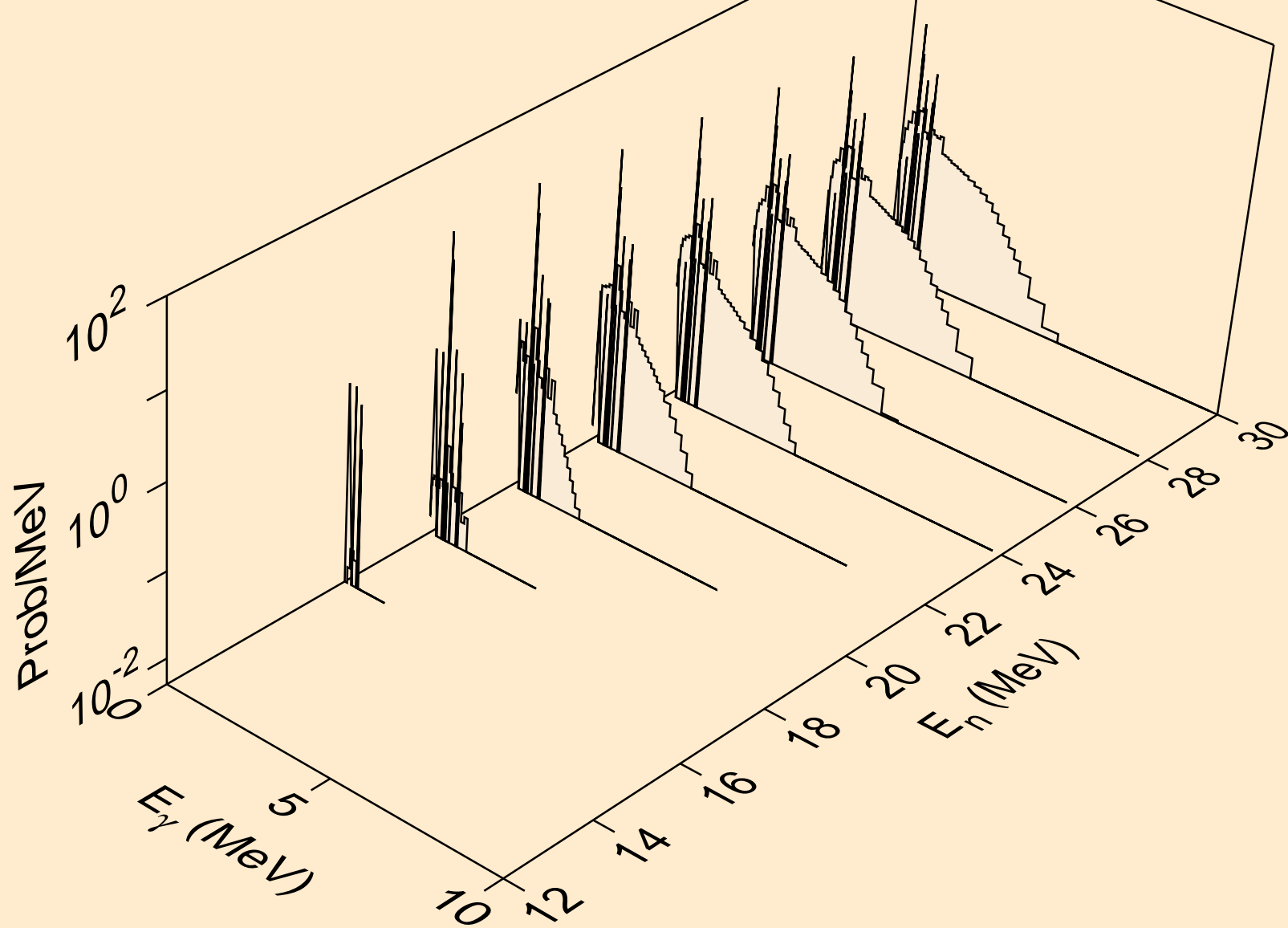
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Photon emission for (n,n\*)a



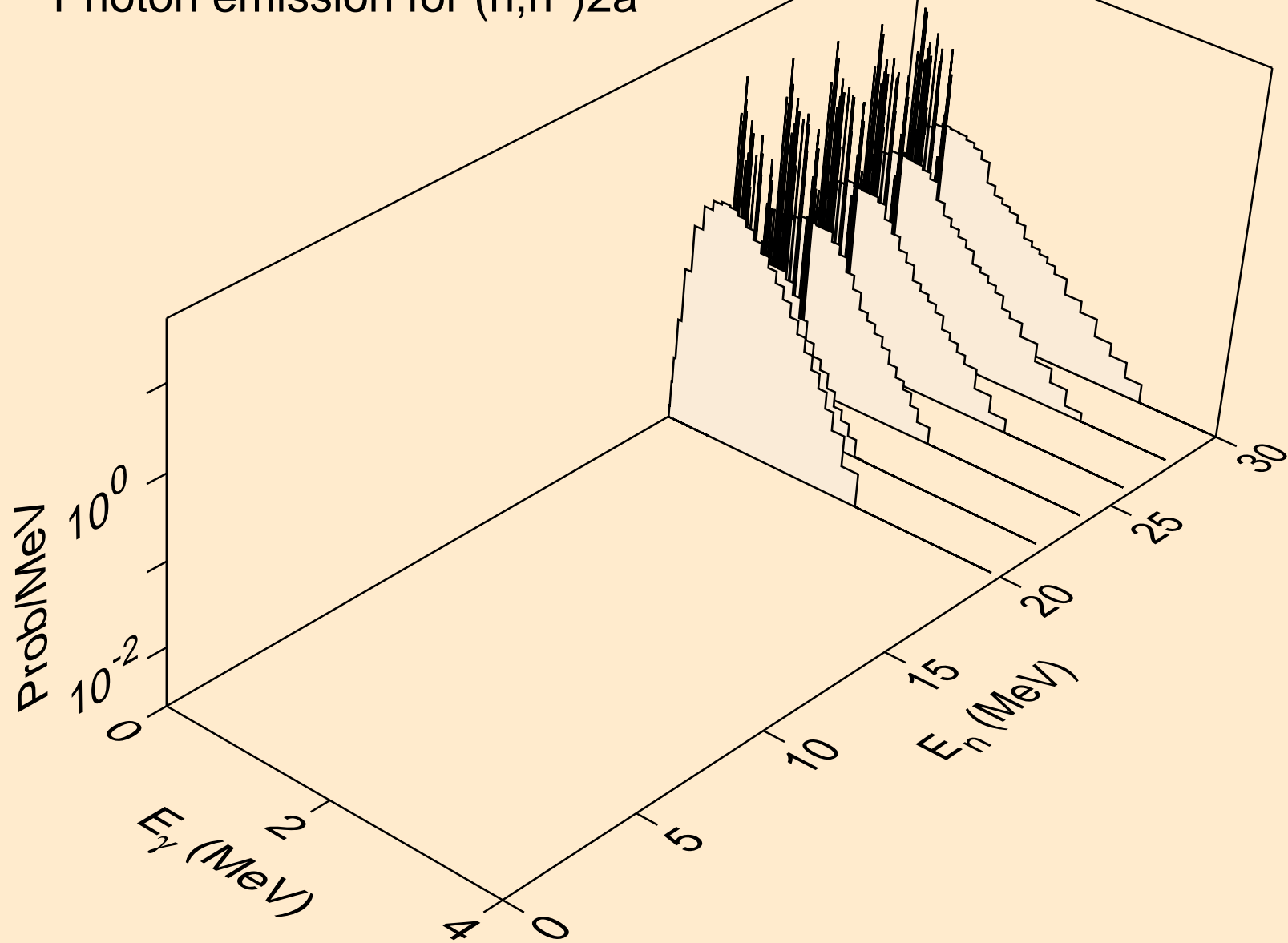
LU162N ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



LU162N ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

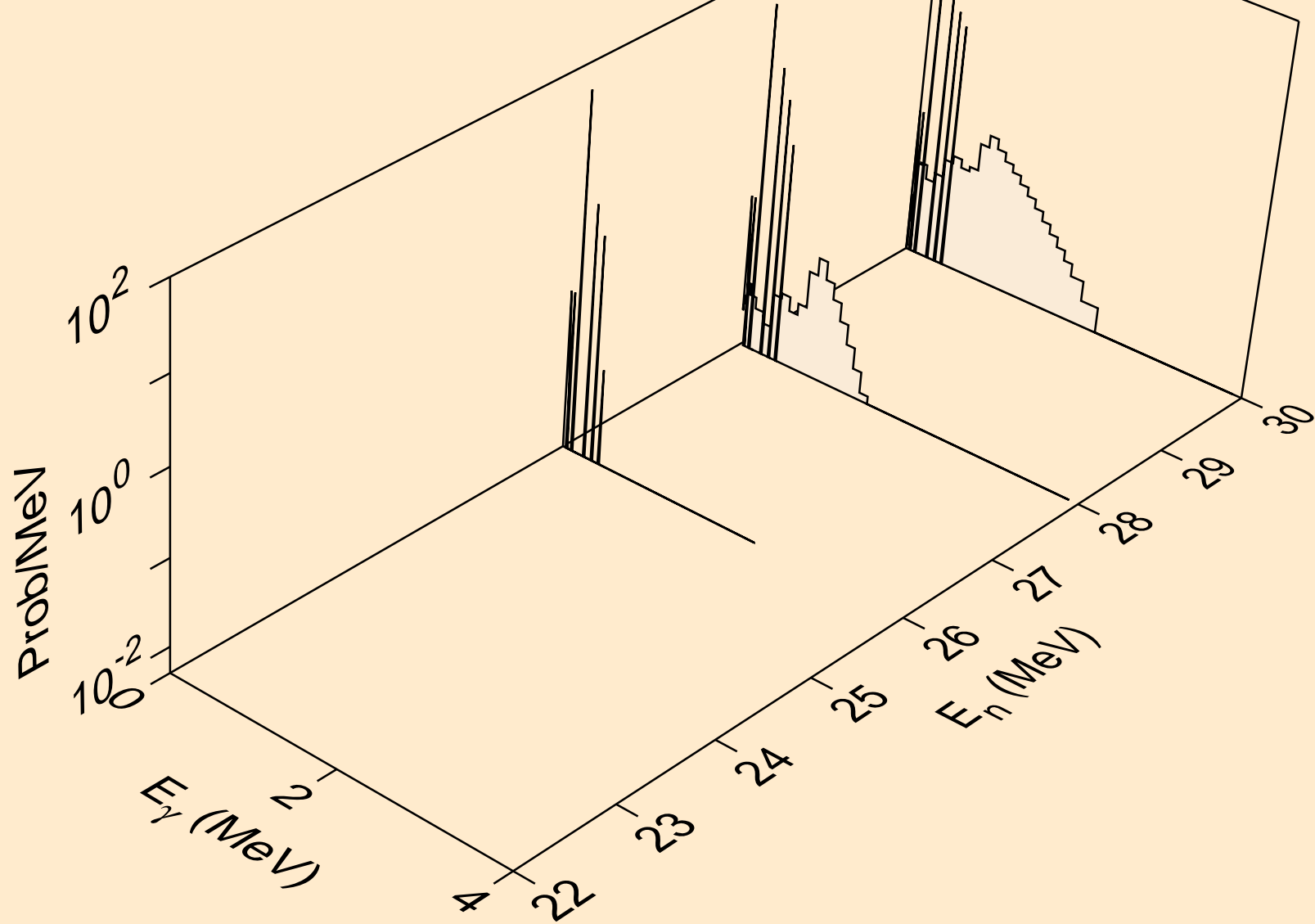


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Photon emission for (n,n\*)2a

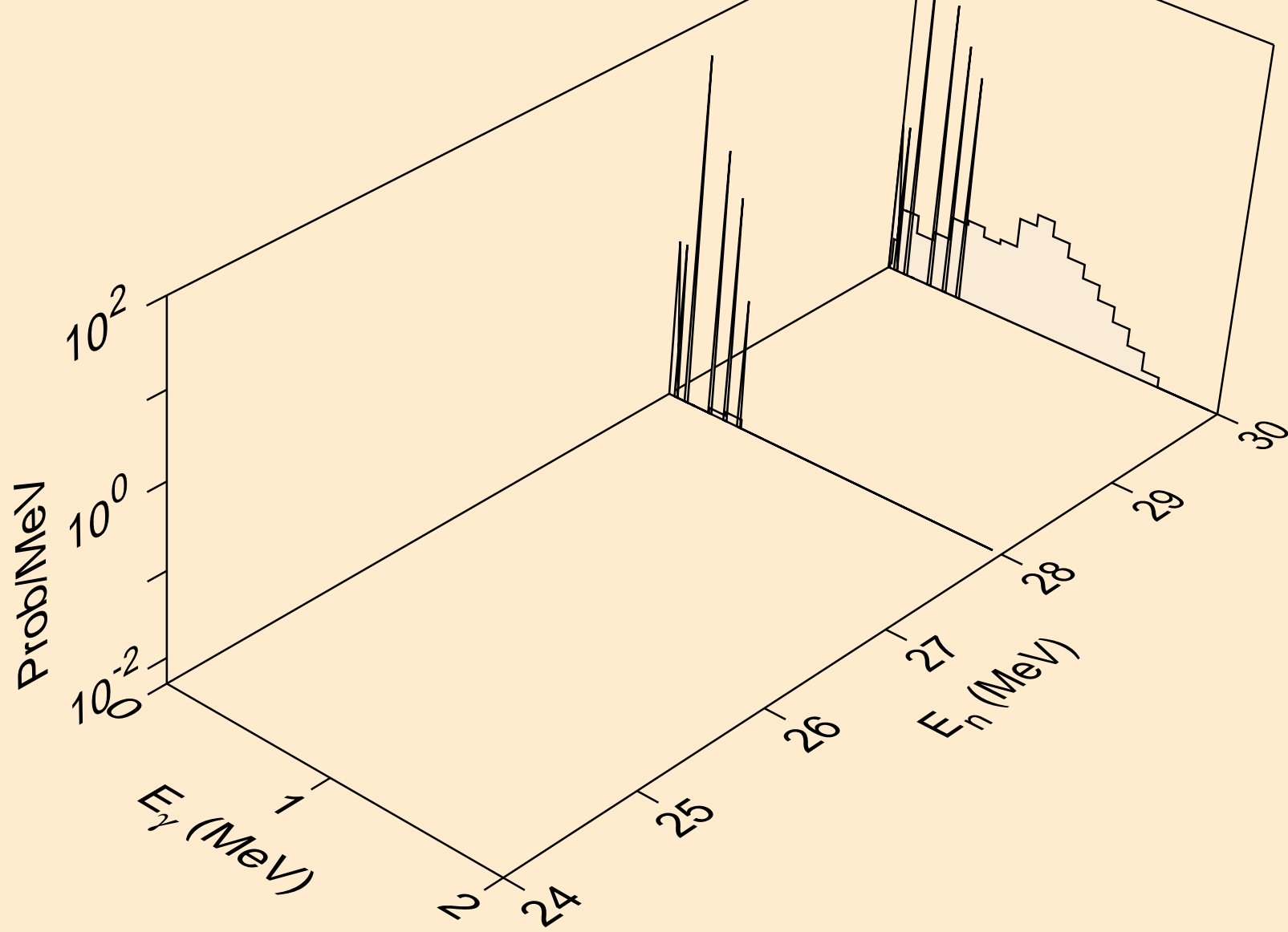




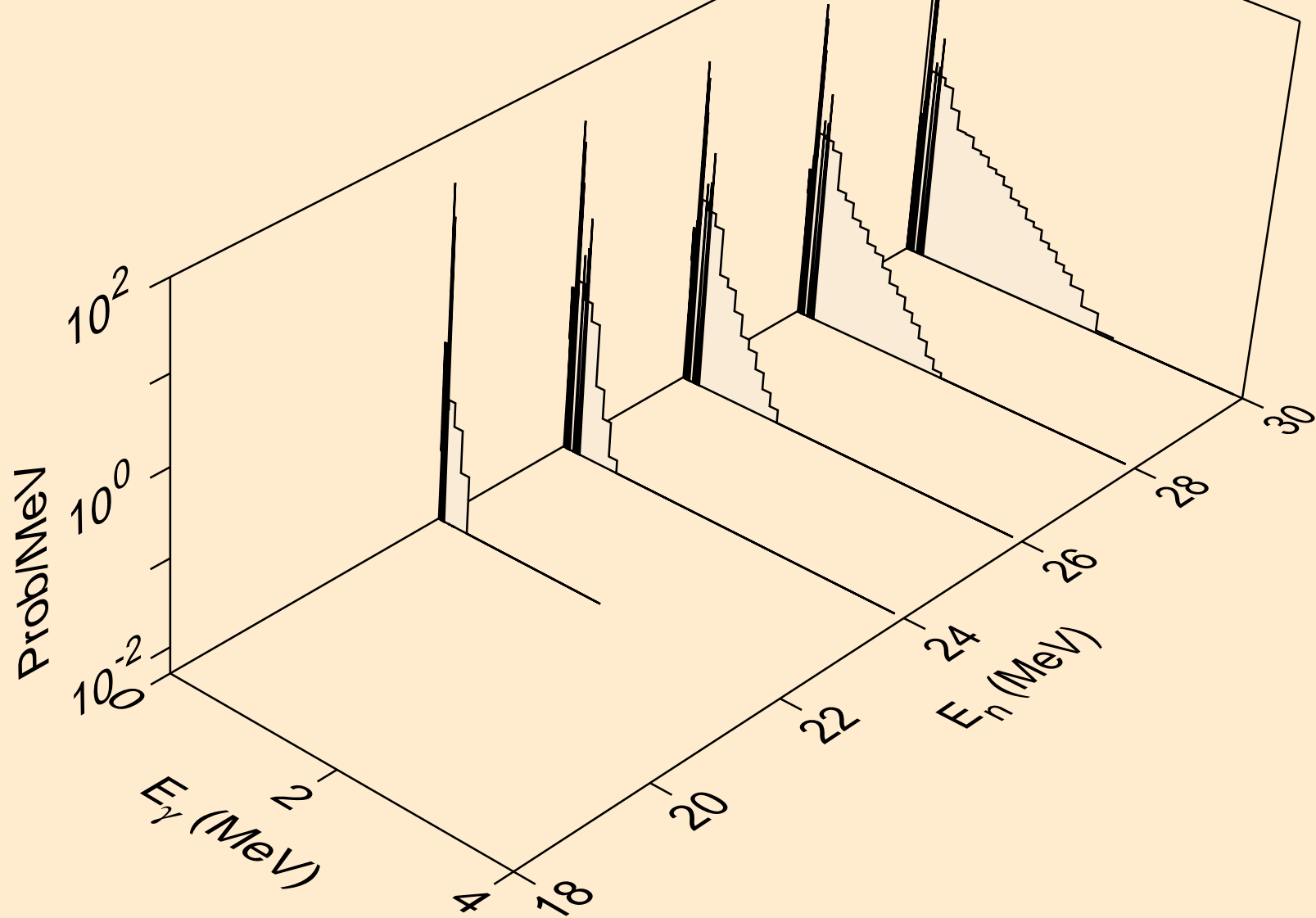
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Photon emission for (n,n\*)d



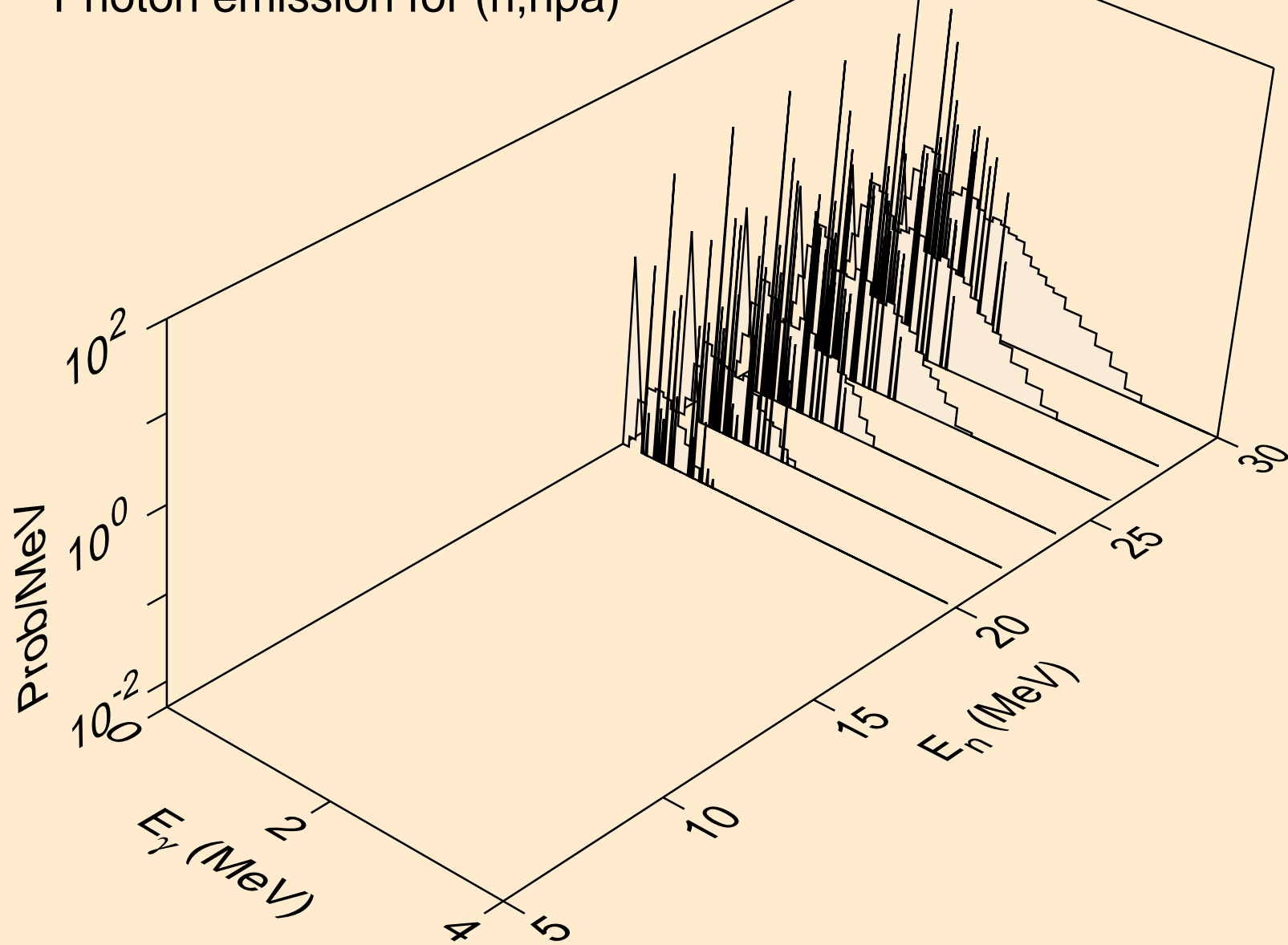
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Photon emission for (n,2np)



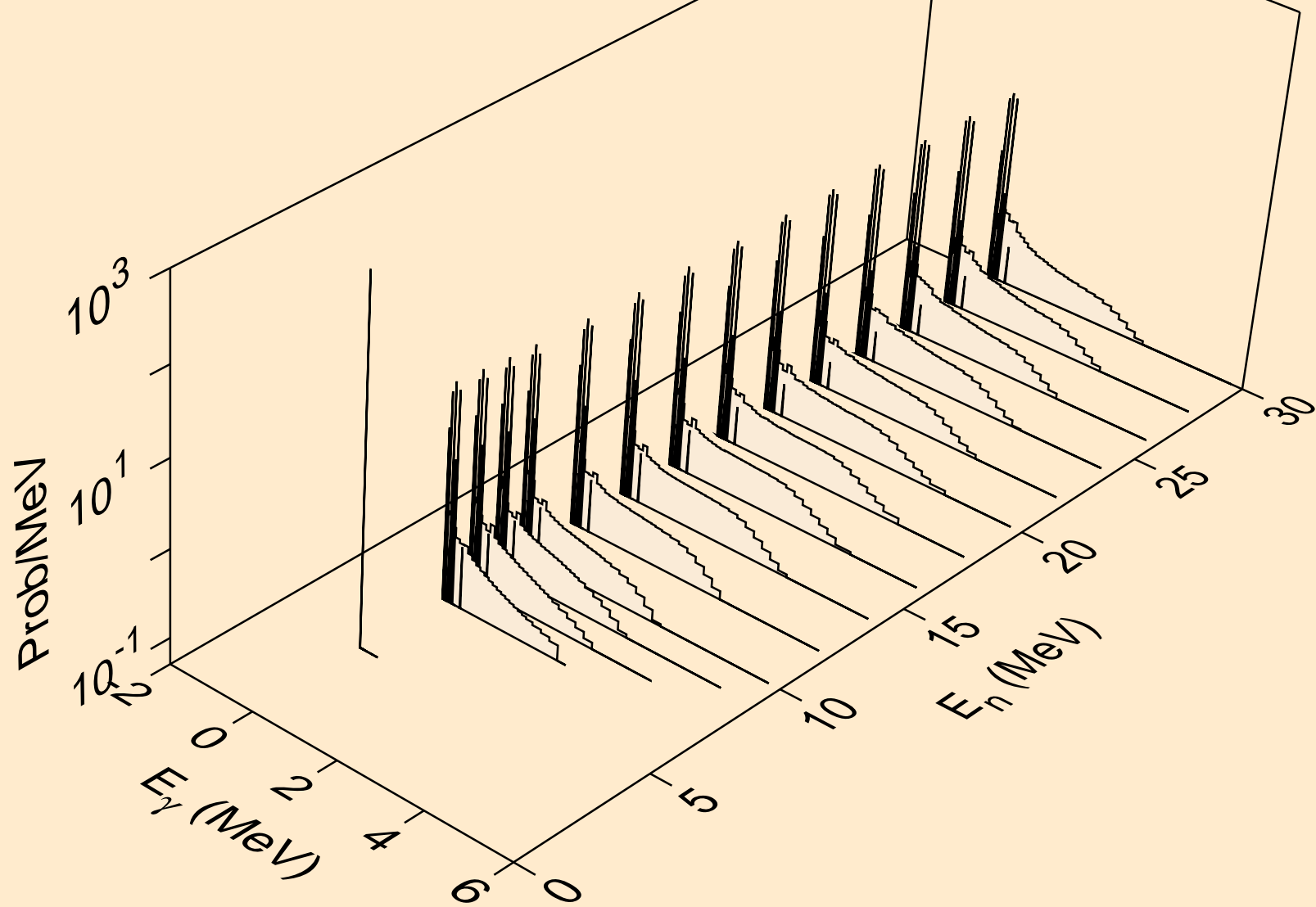
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Photon emission for (n,n2p)



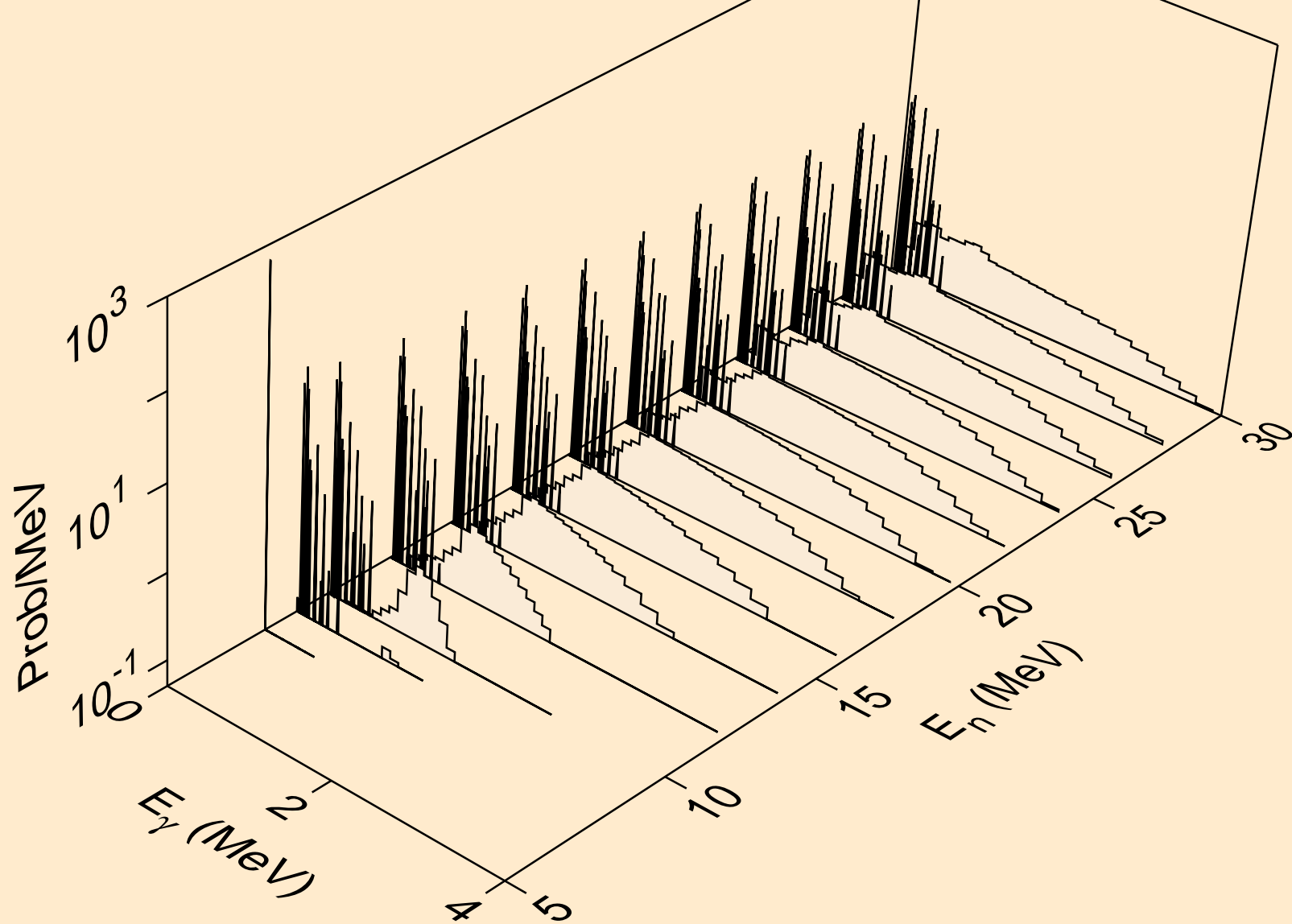
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Photon emission for (n,npa)



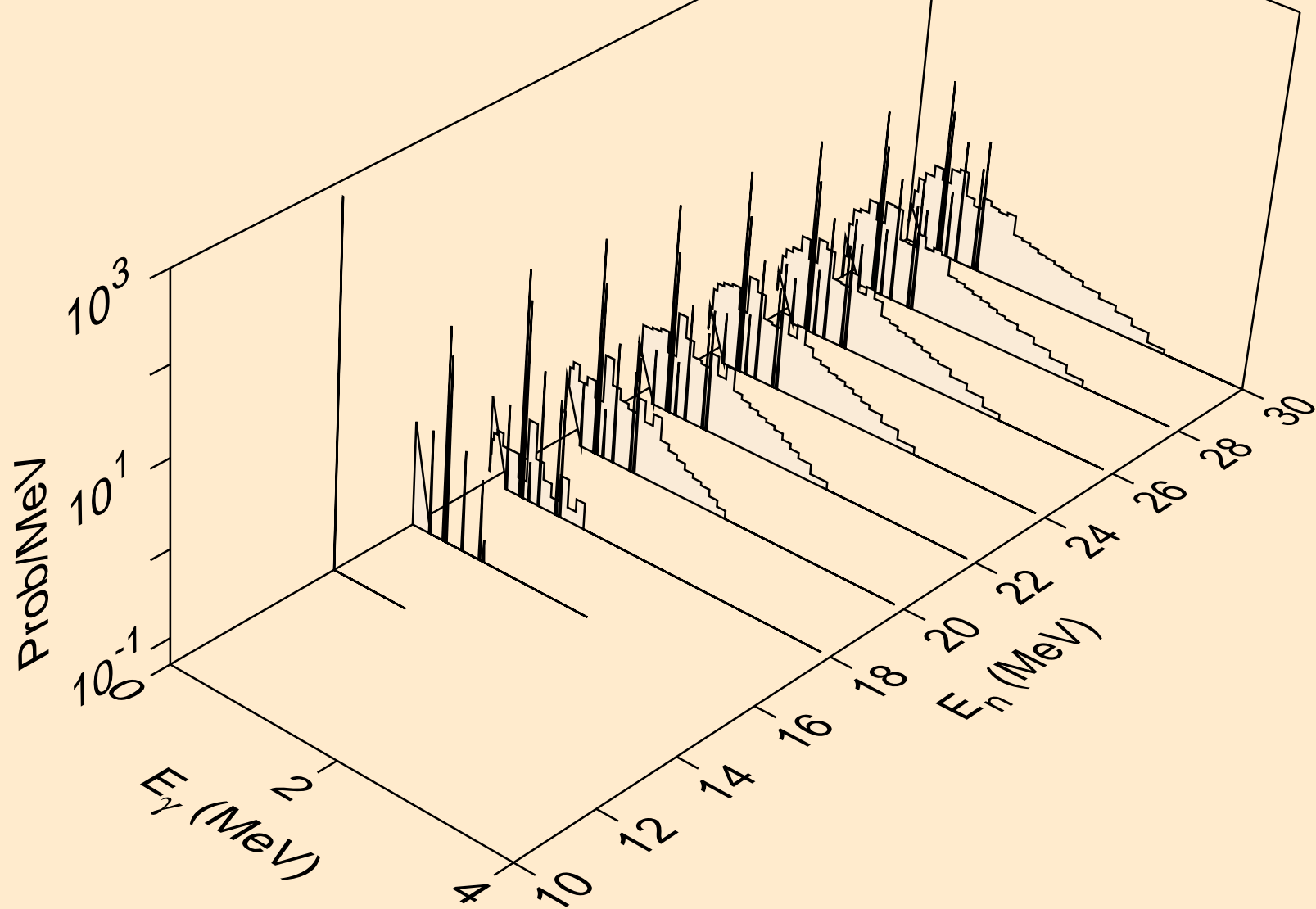
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Photon emission for (n,gma)



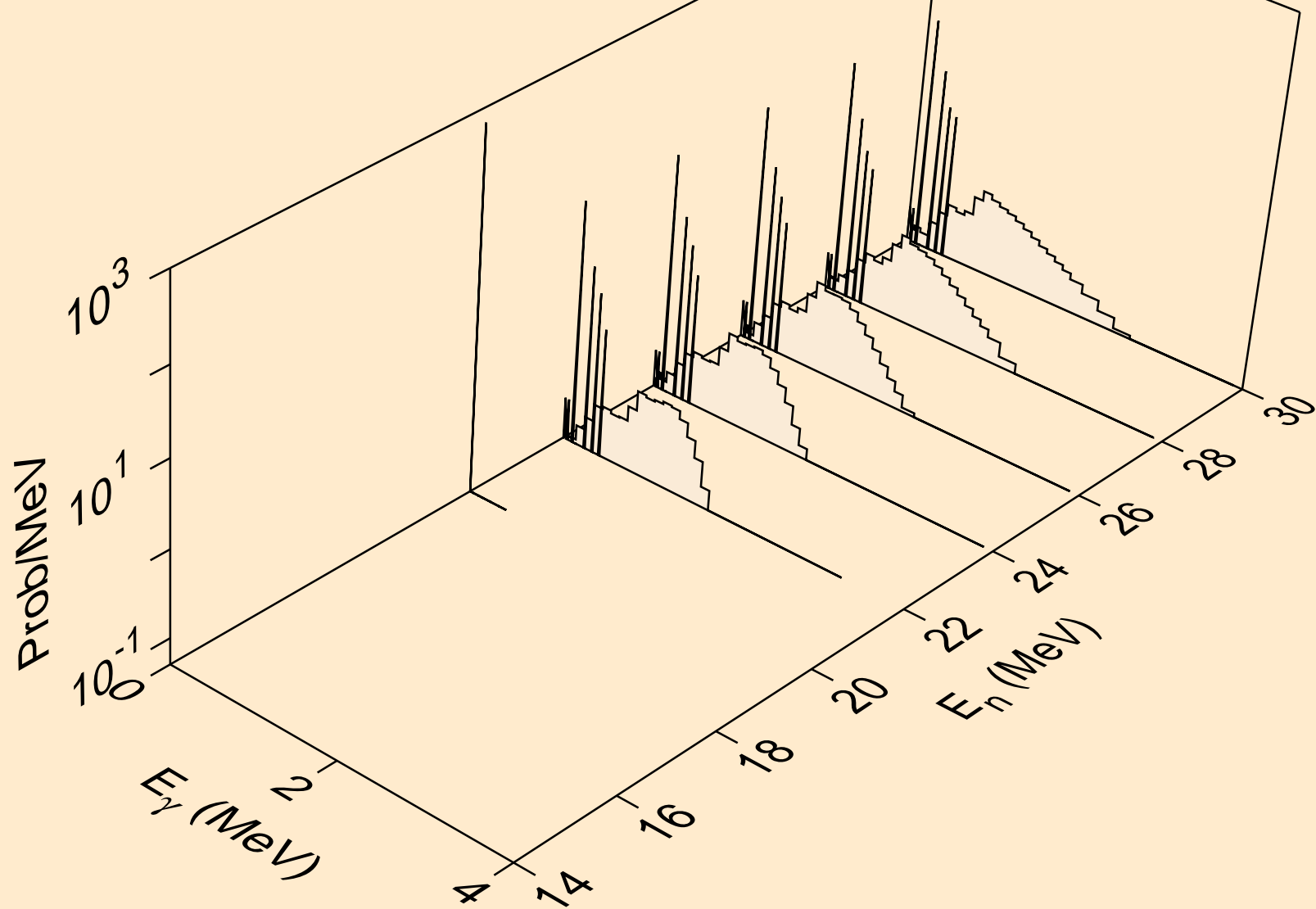
LU162N ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



LU162N ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)

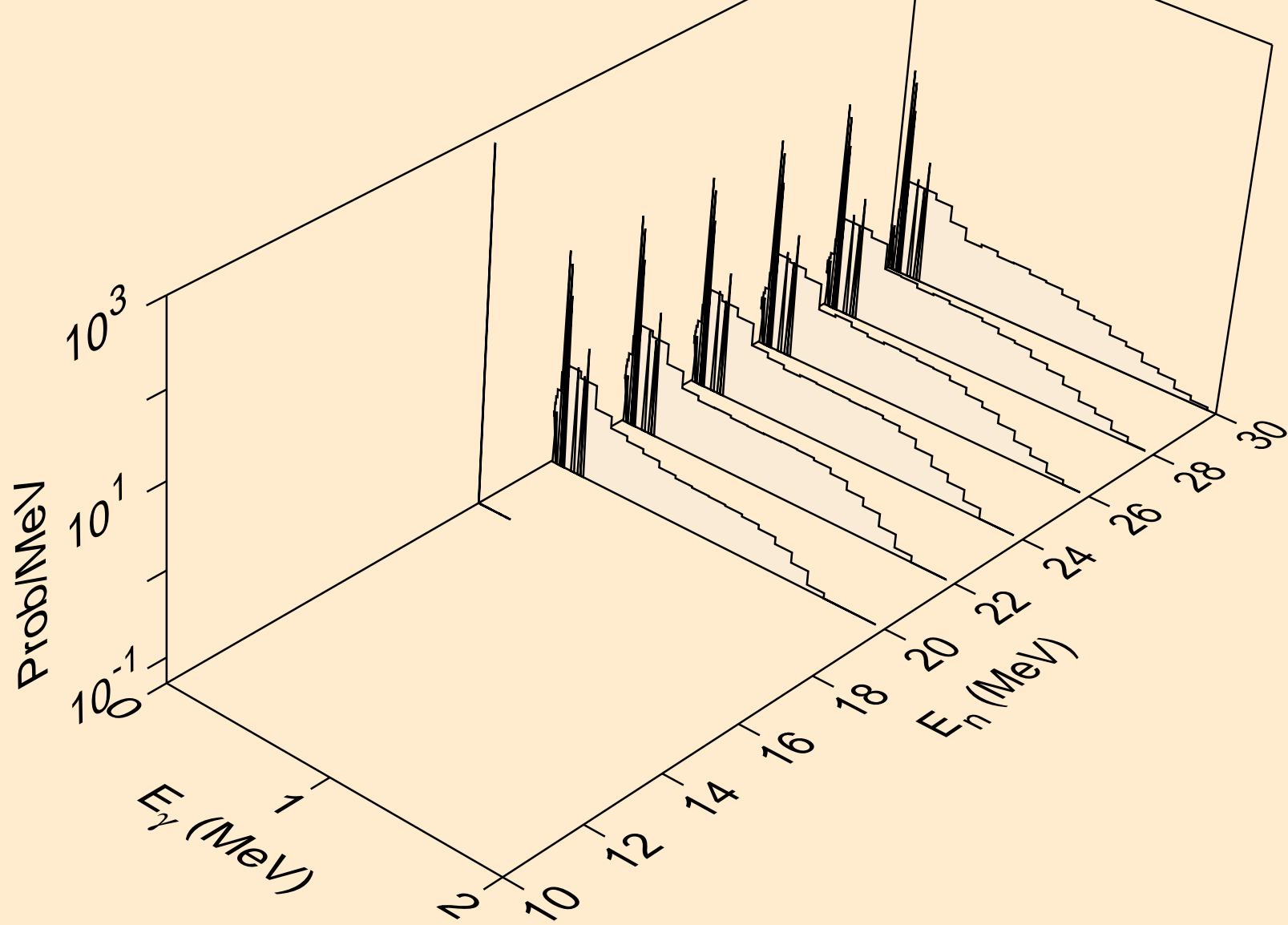


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Photon emission for (n,t)

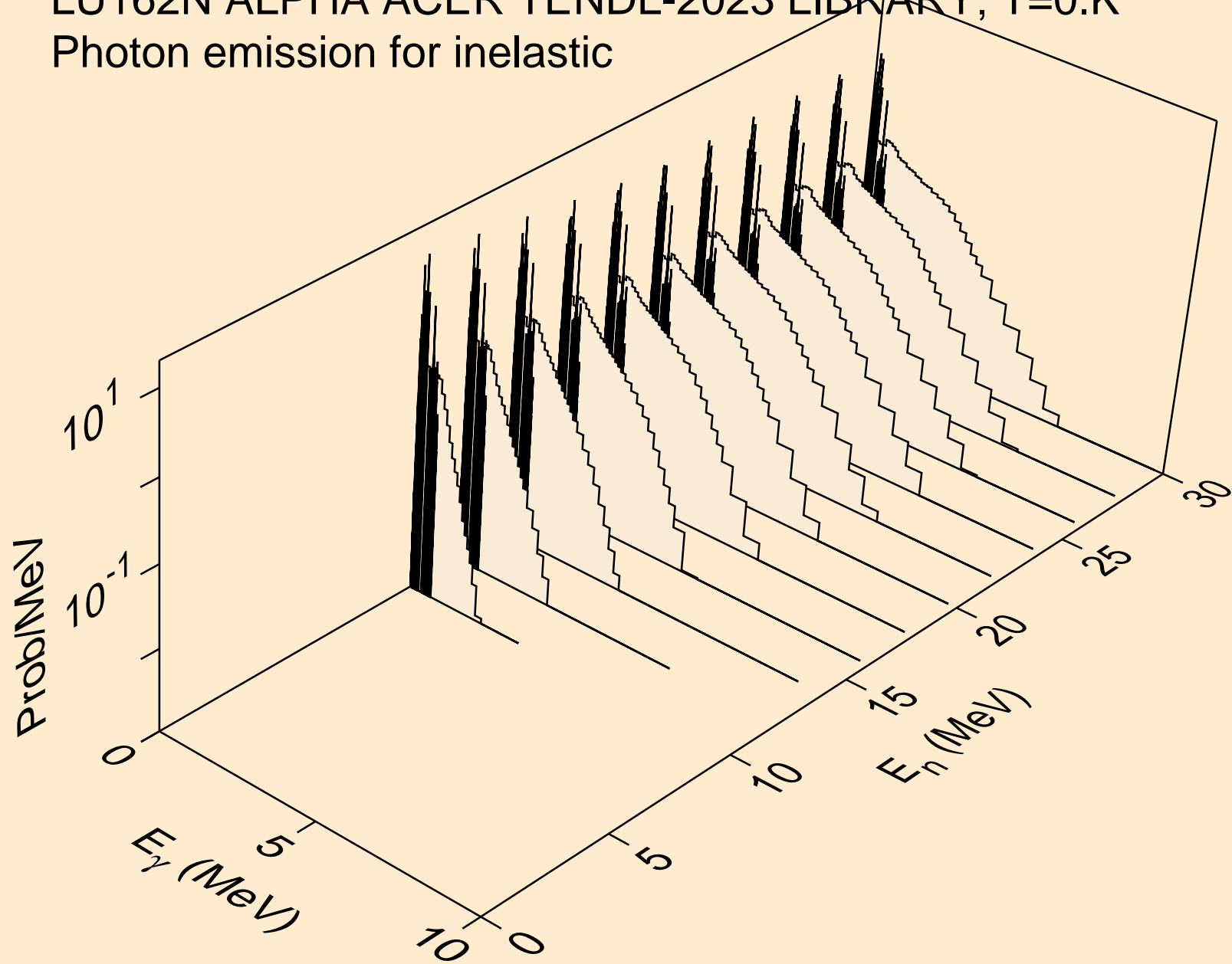




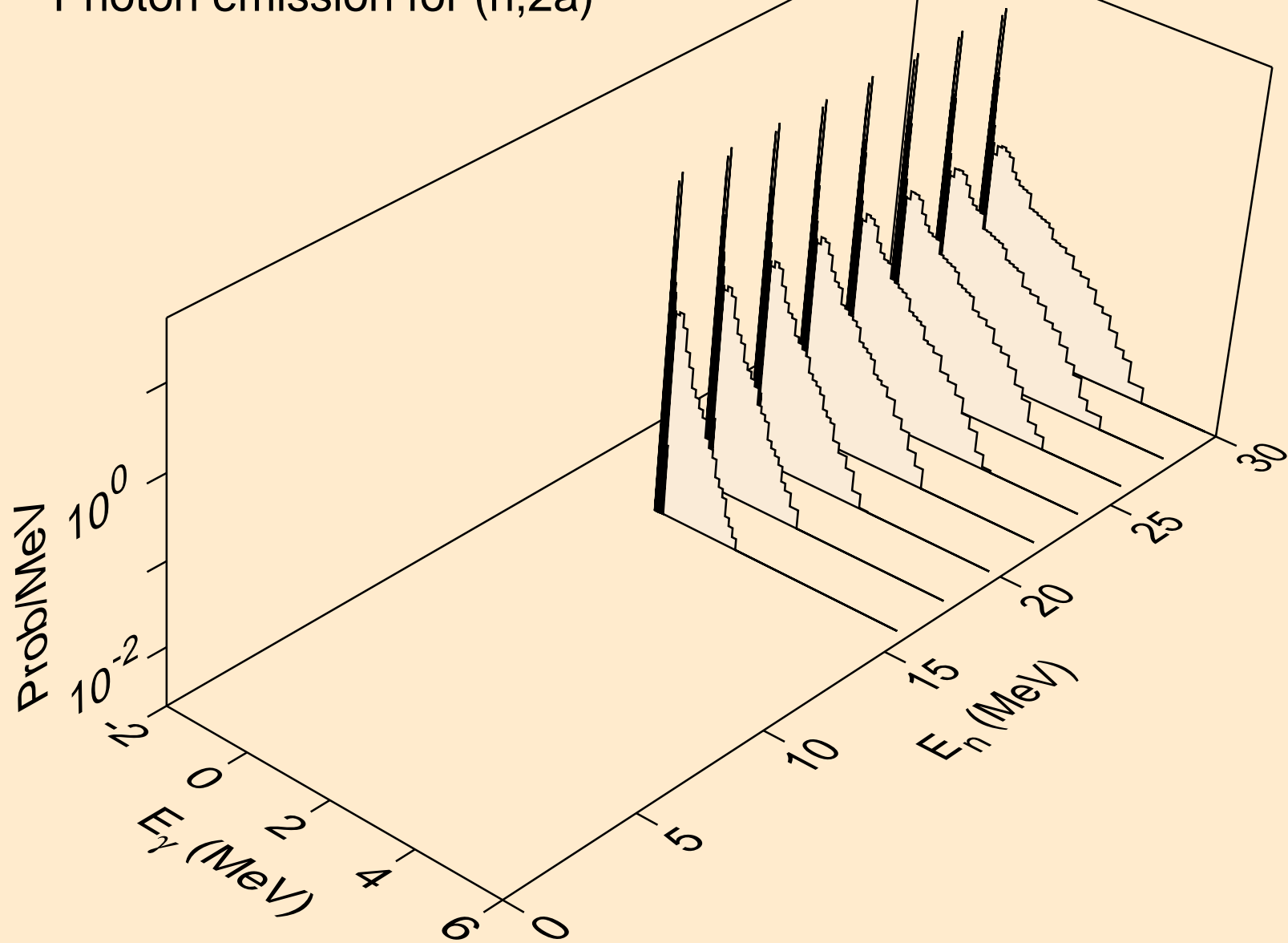
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Photon emission for (n,he3)



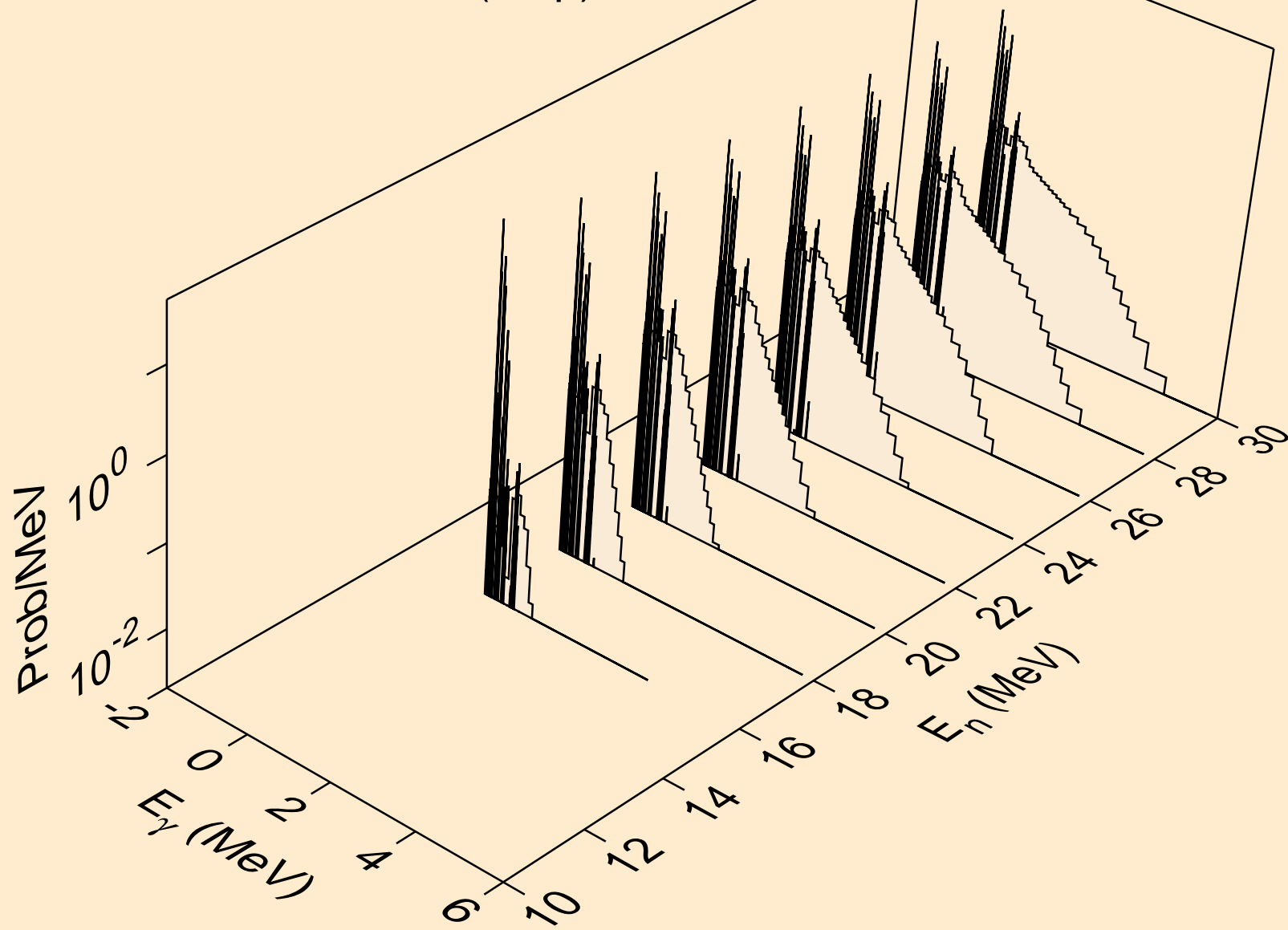
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Photon emission for inelastic



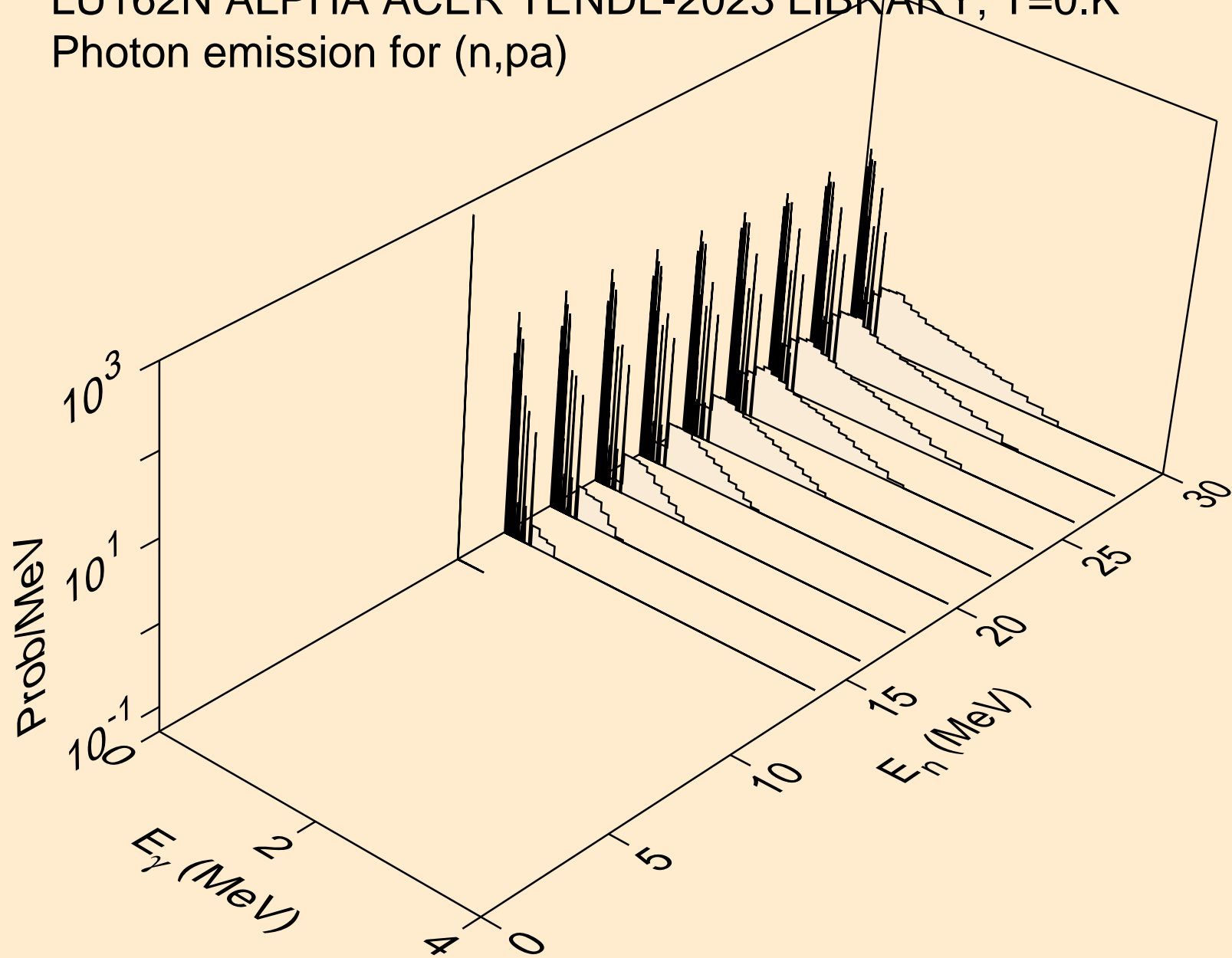
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Photon emission for (n,2a)



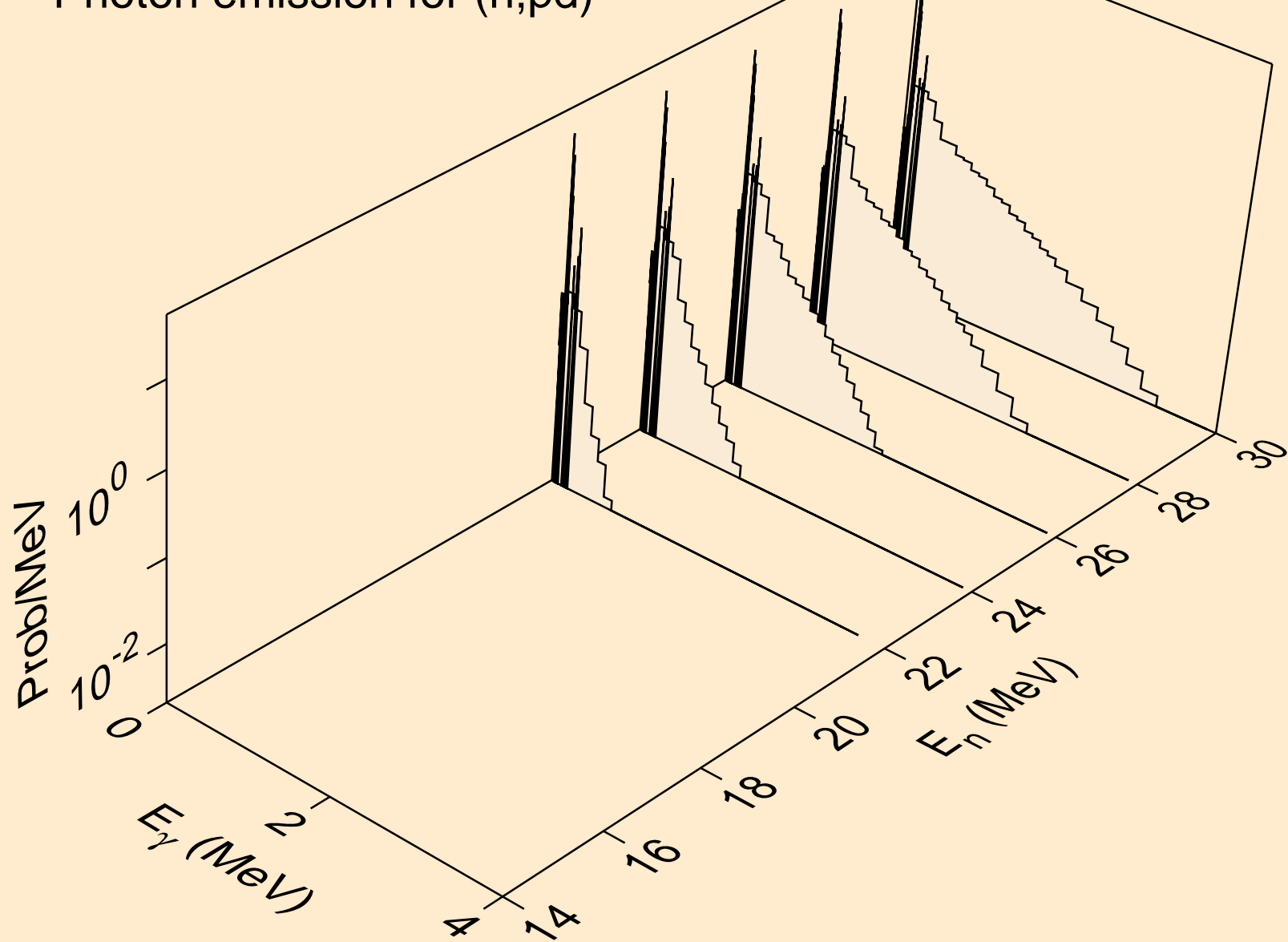
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Photon emission for (n,2p)



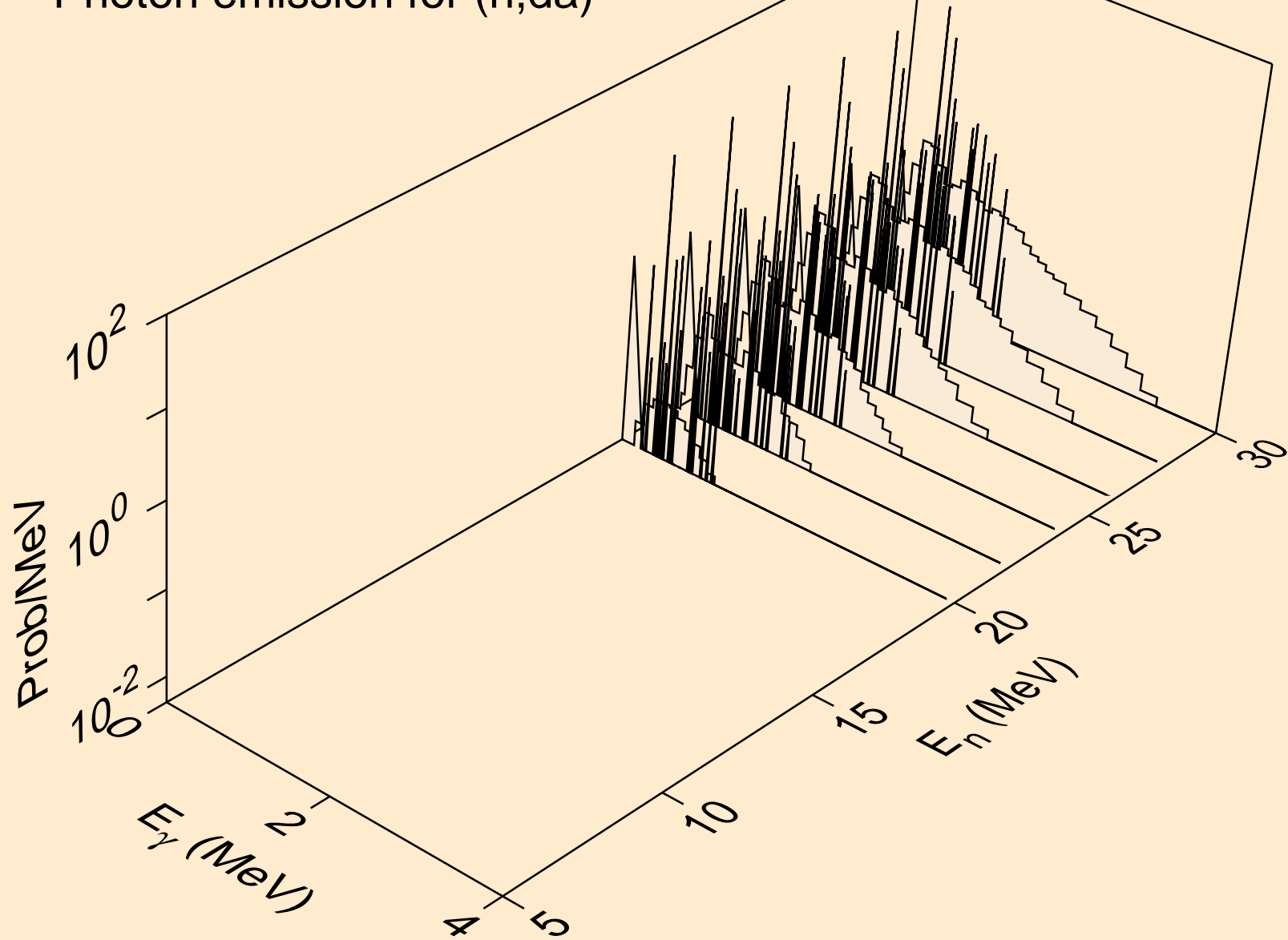
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Photon emission for (n,pa)



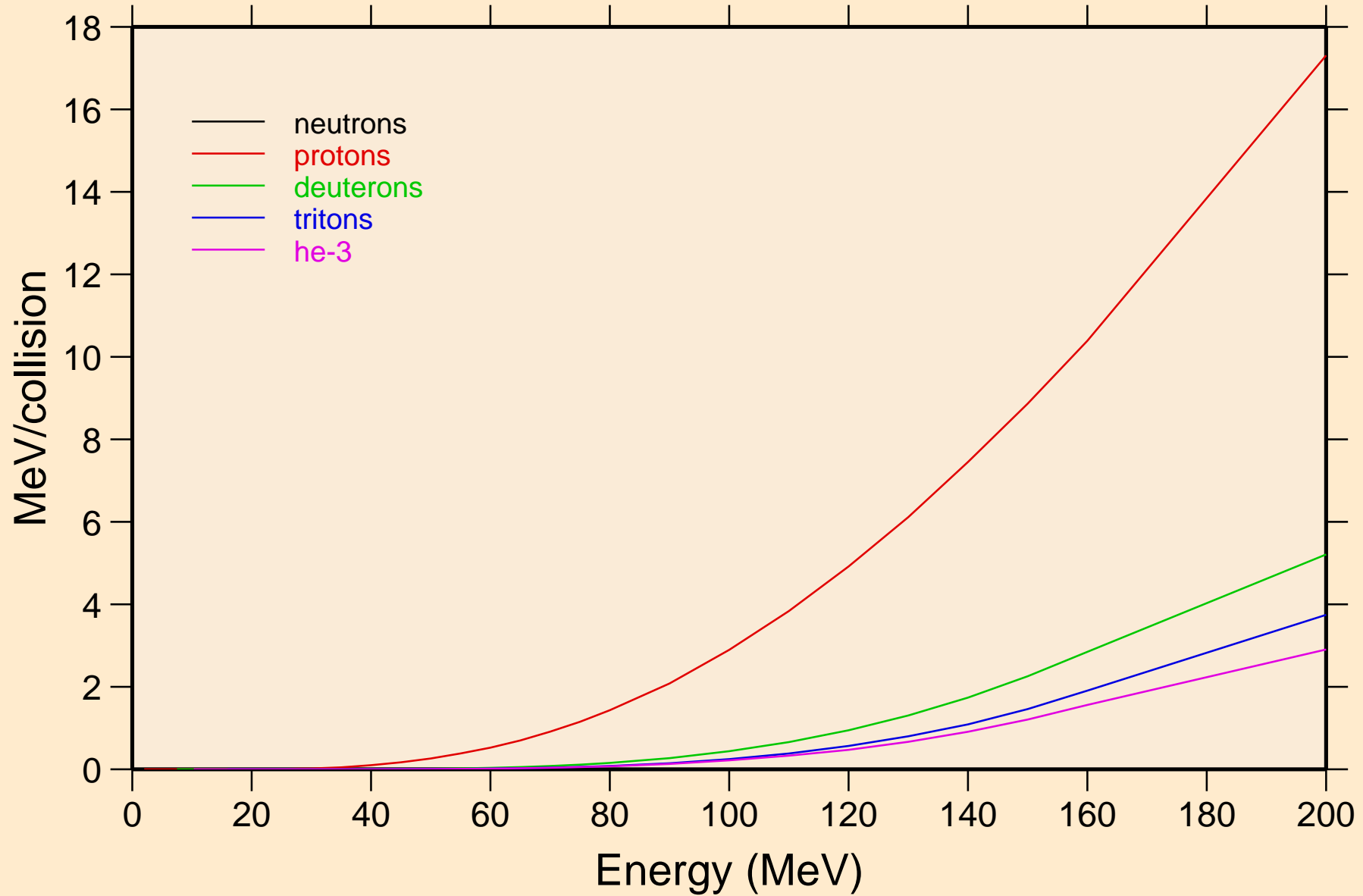
LU162N ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



LU162N ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)

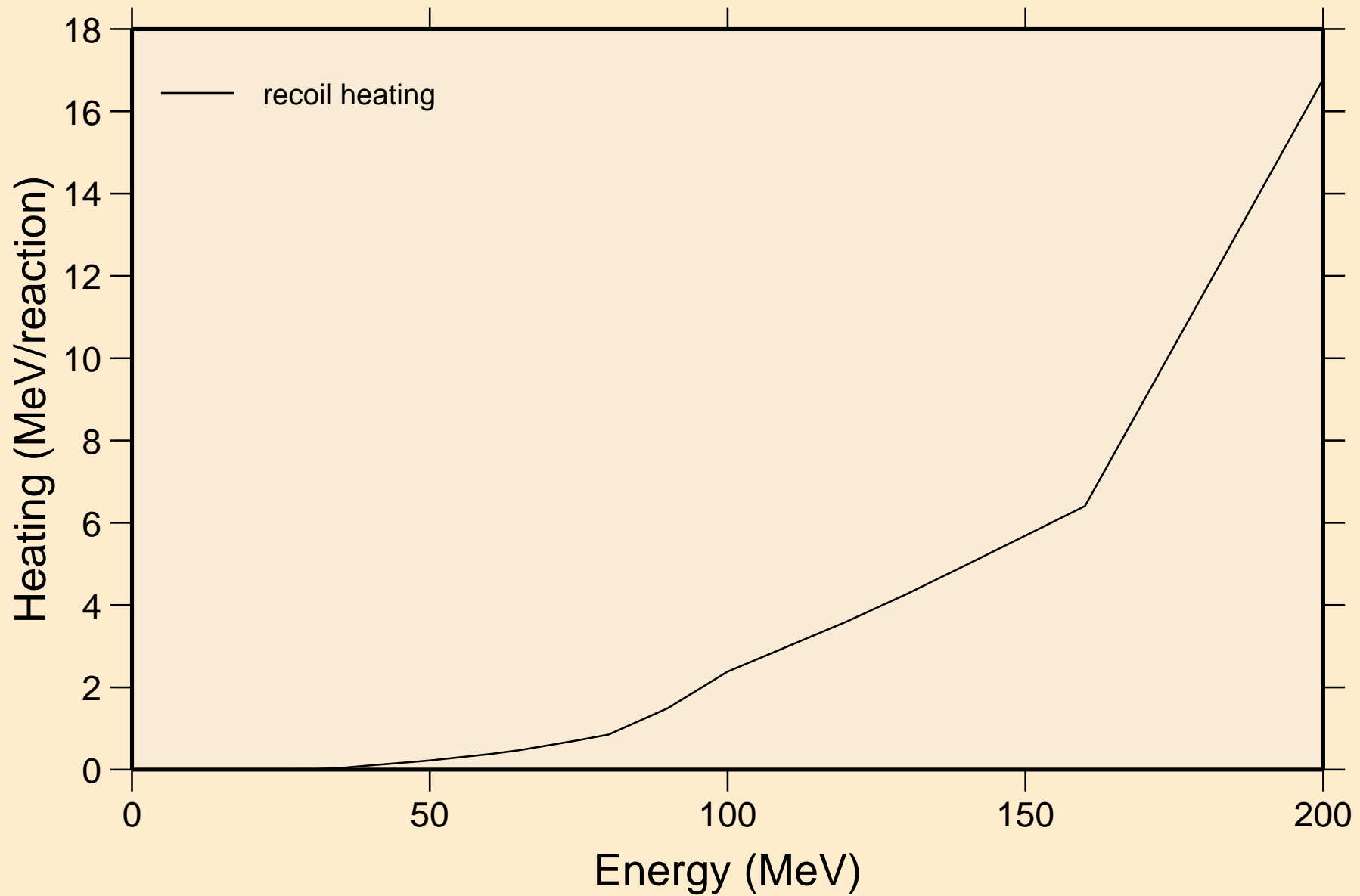


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Particle heating contributions

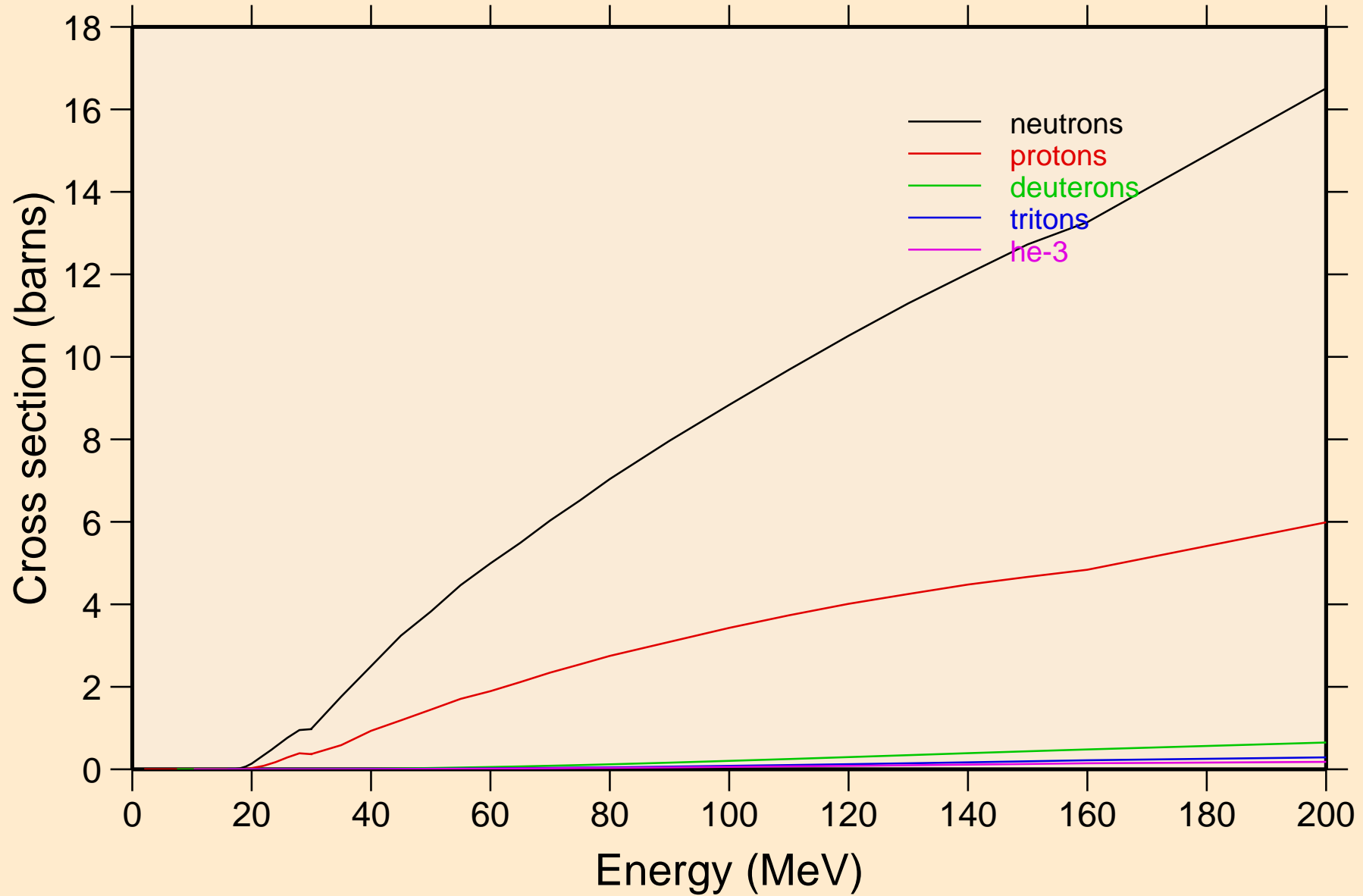




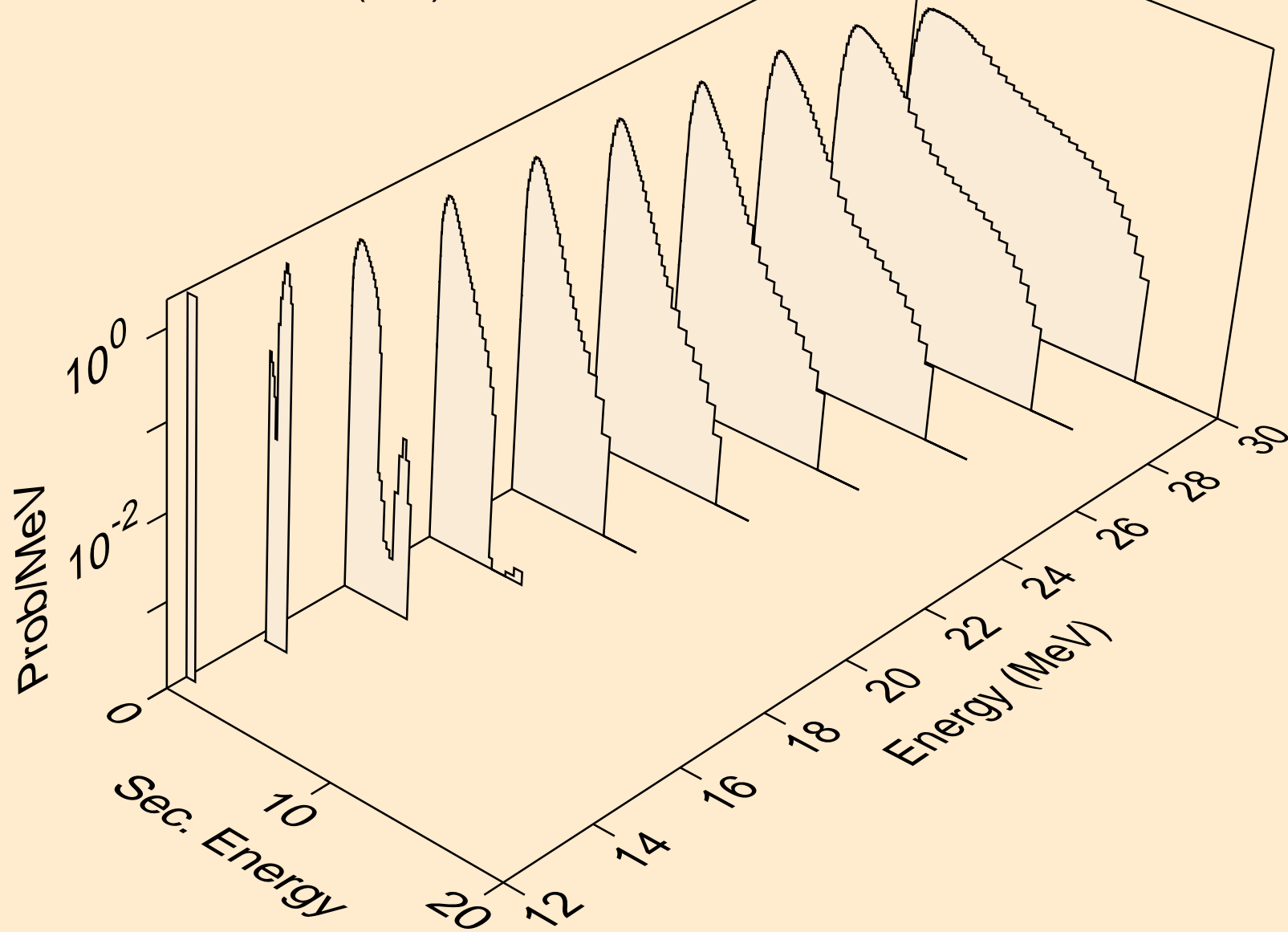
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Recoil Heating



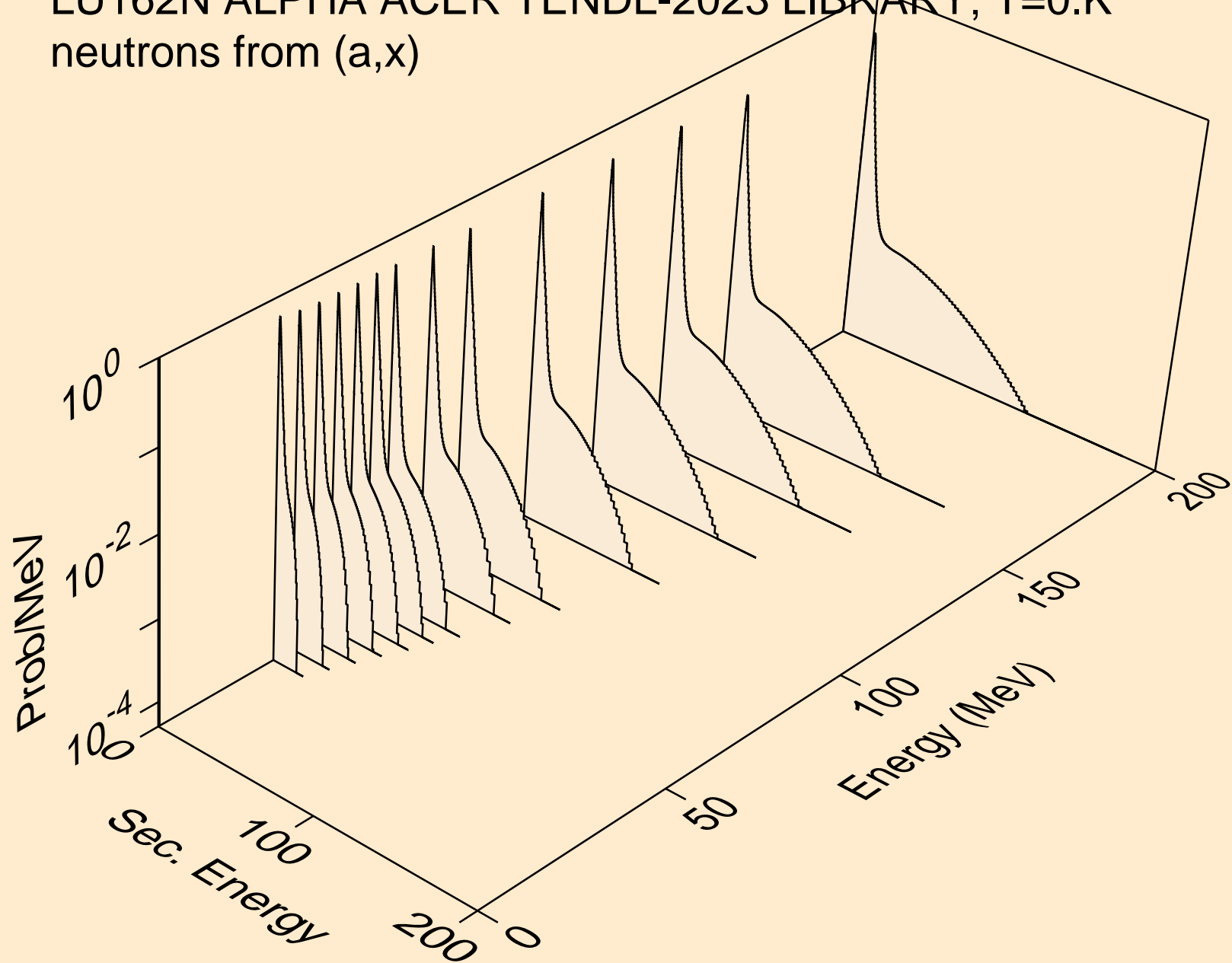
LU162N ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



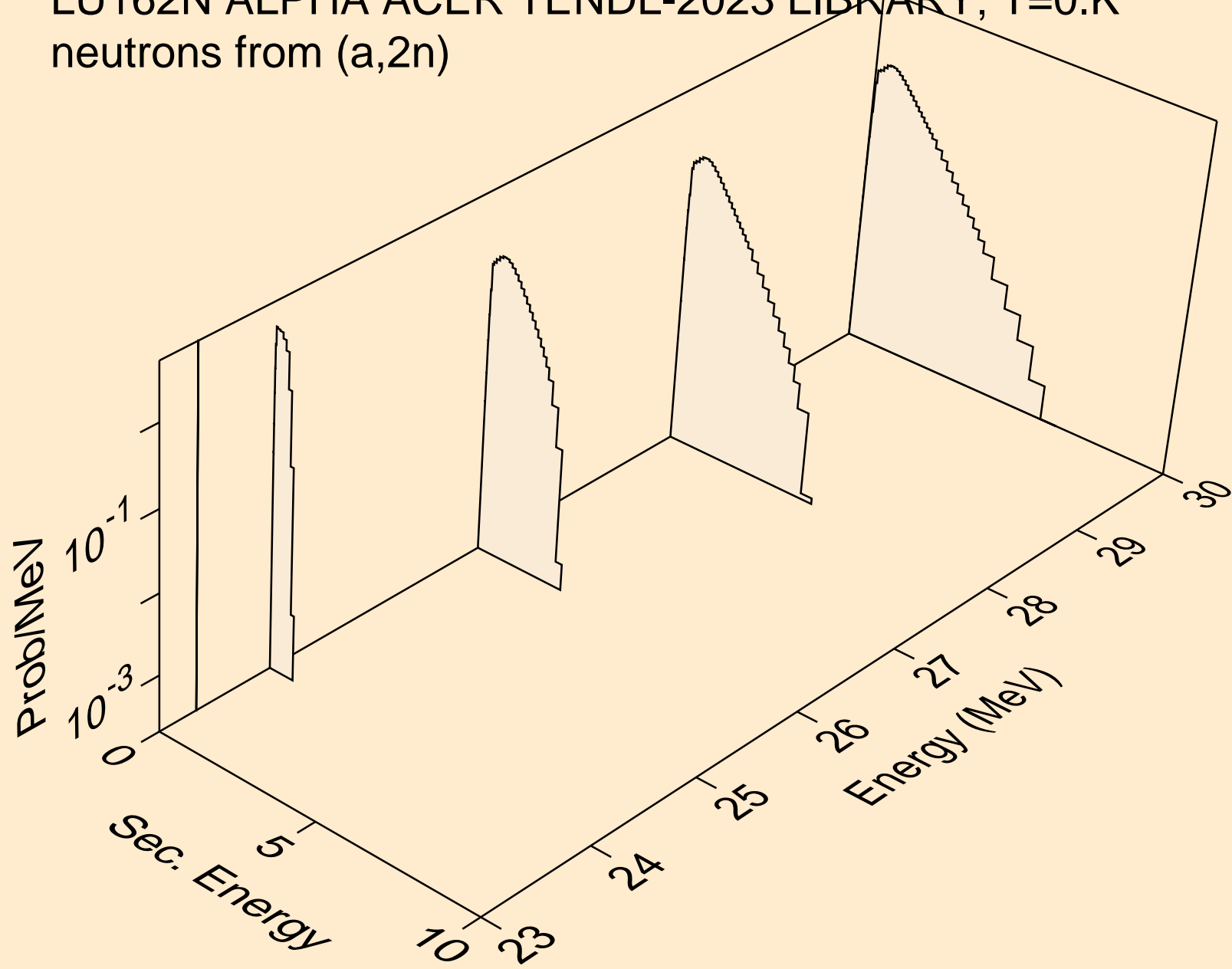
LU162N ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)



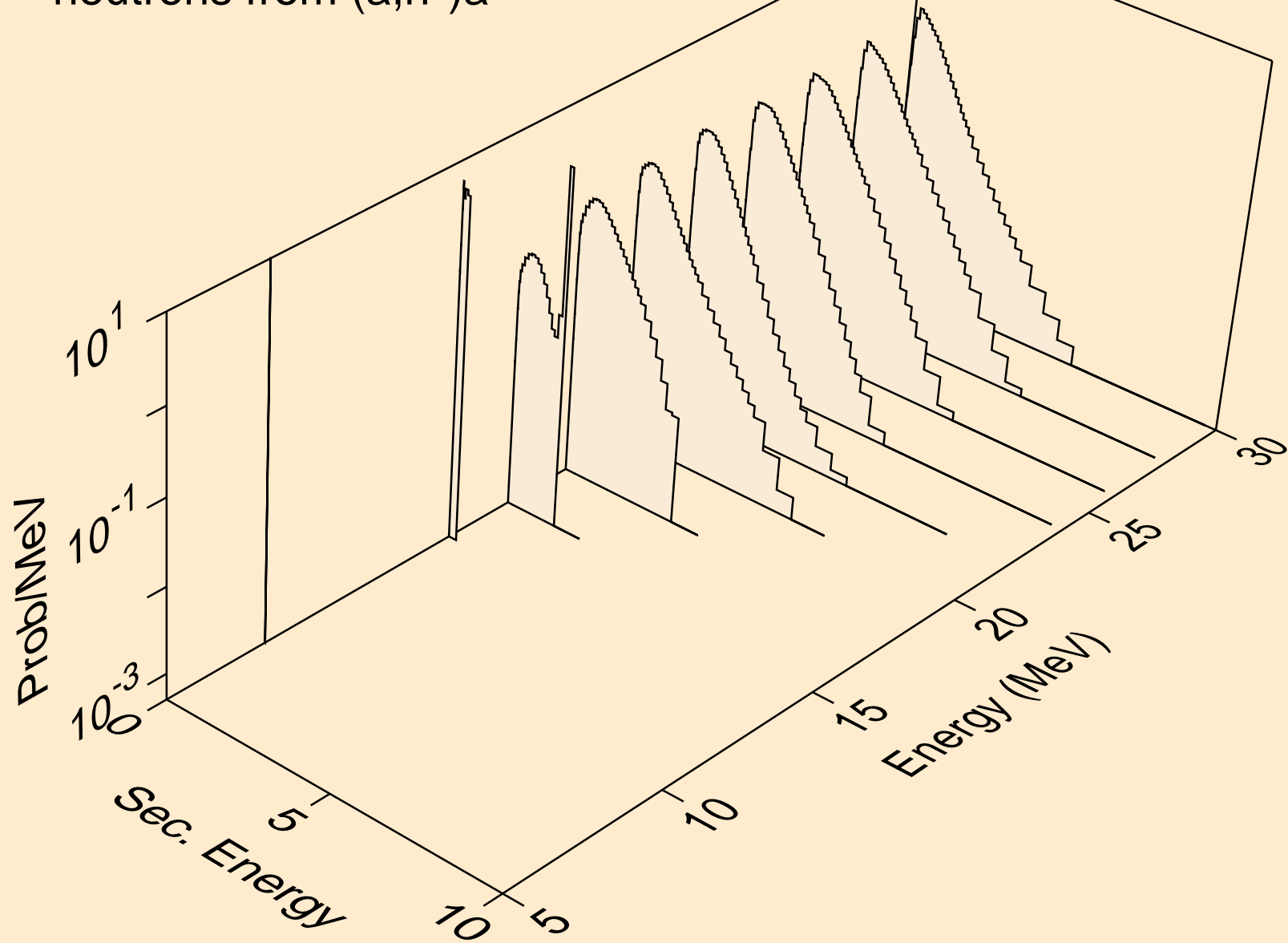
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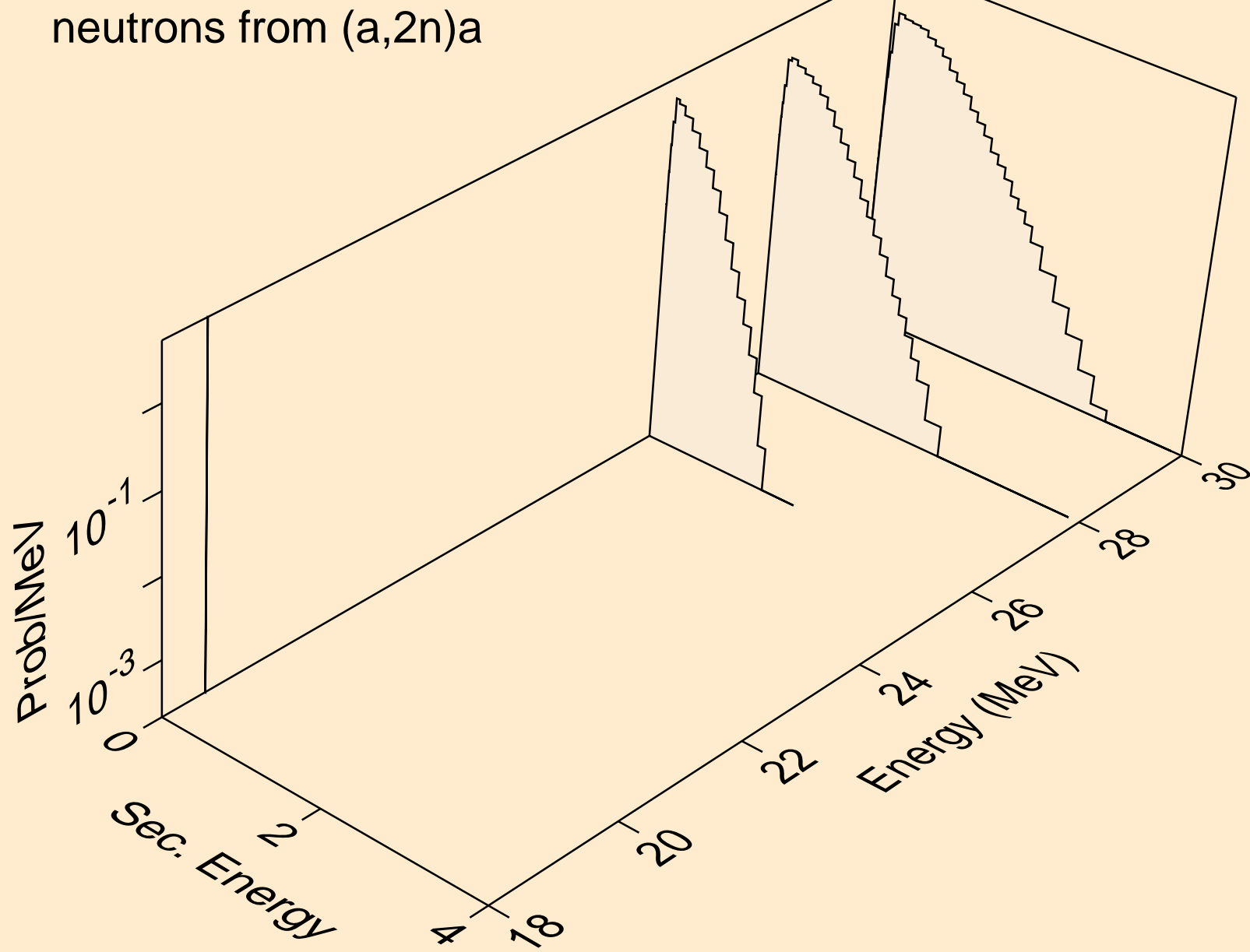
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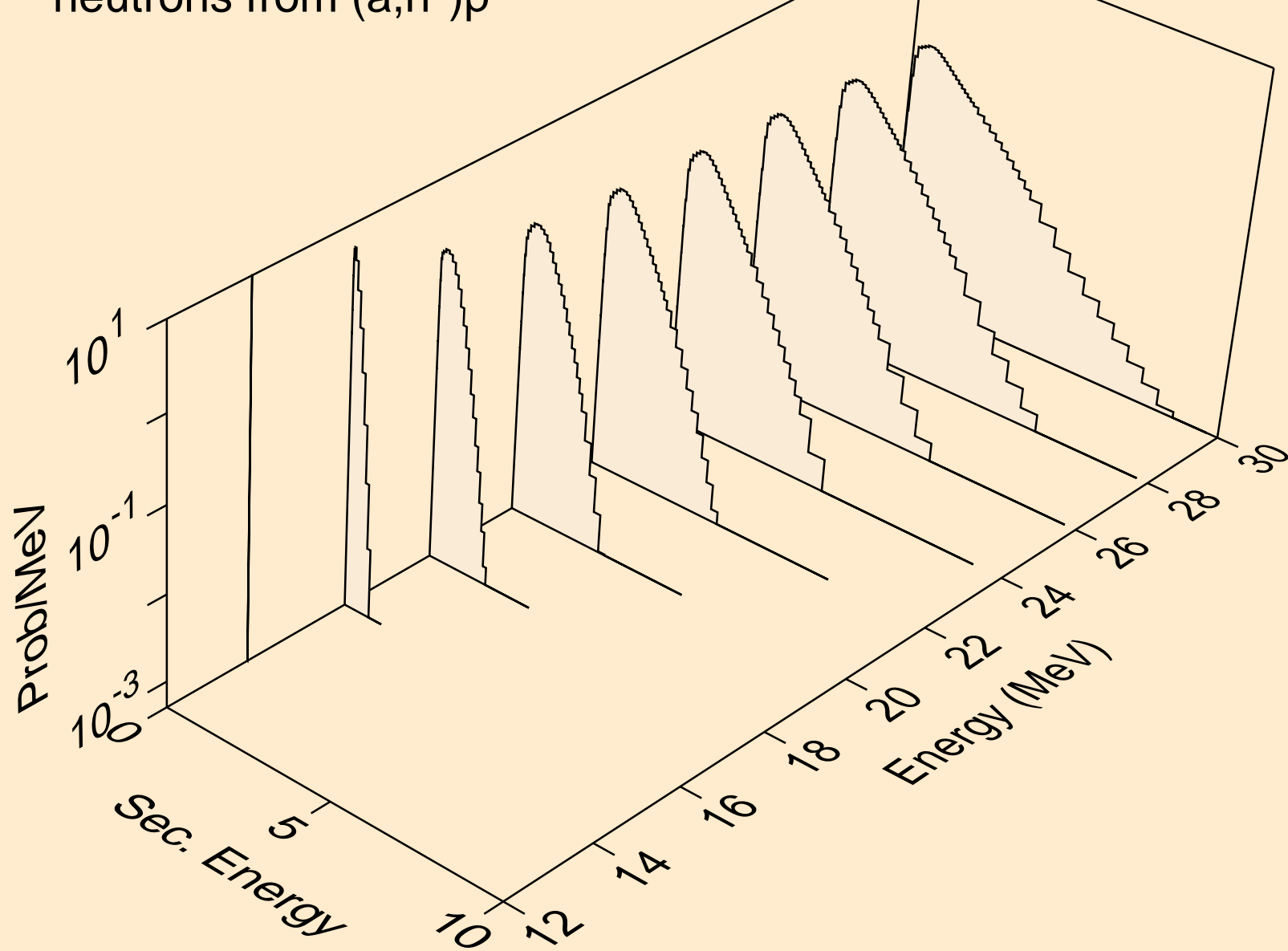
LU162N ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a



LU162N ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)a

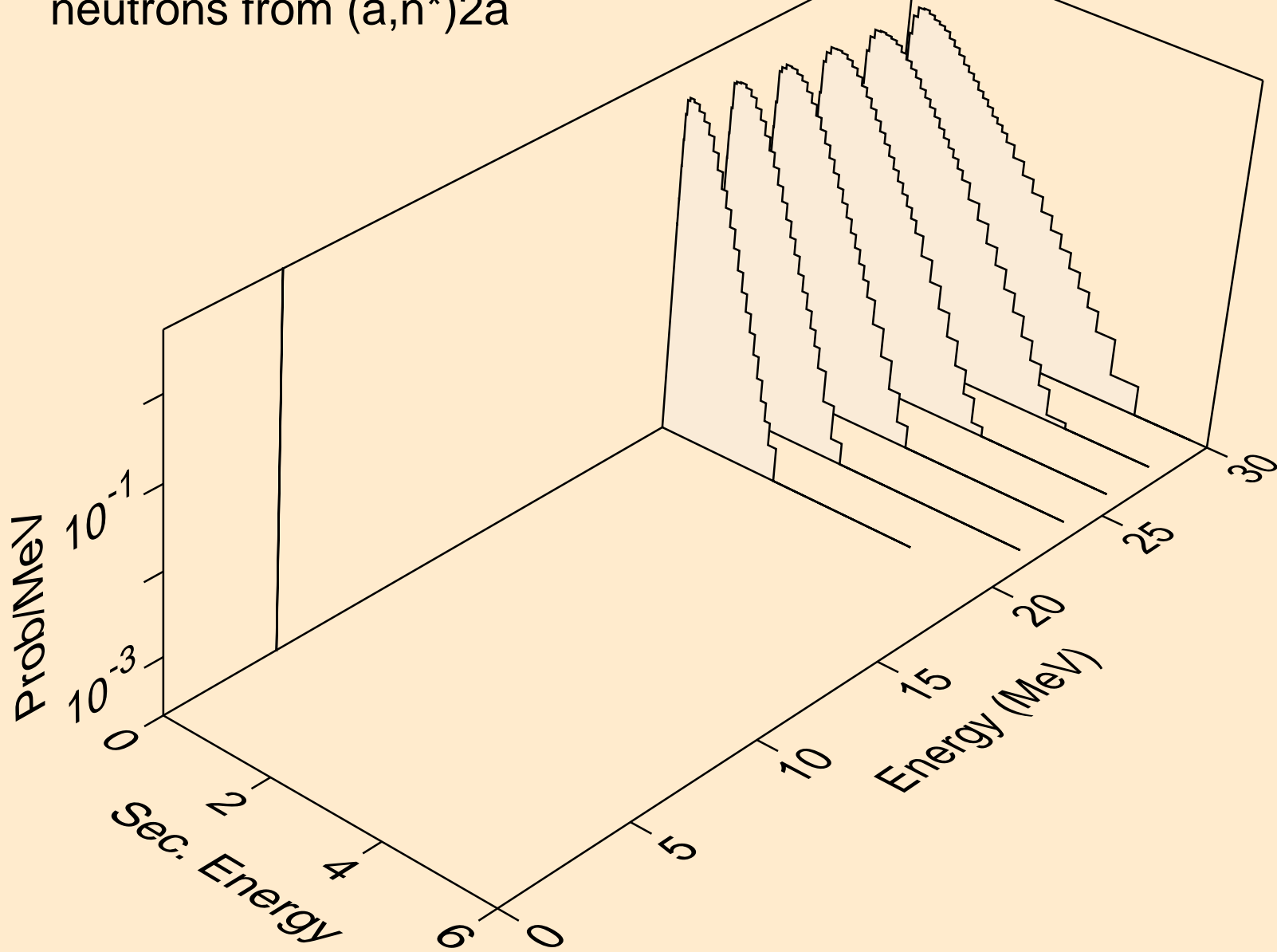


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neutrons from (a,n\*)p

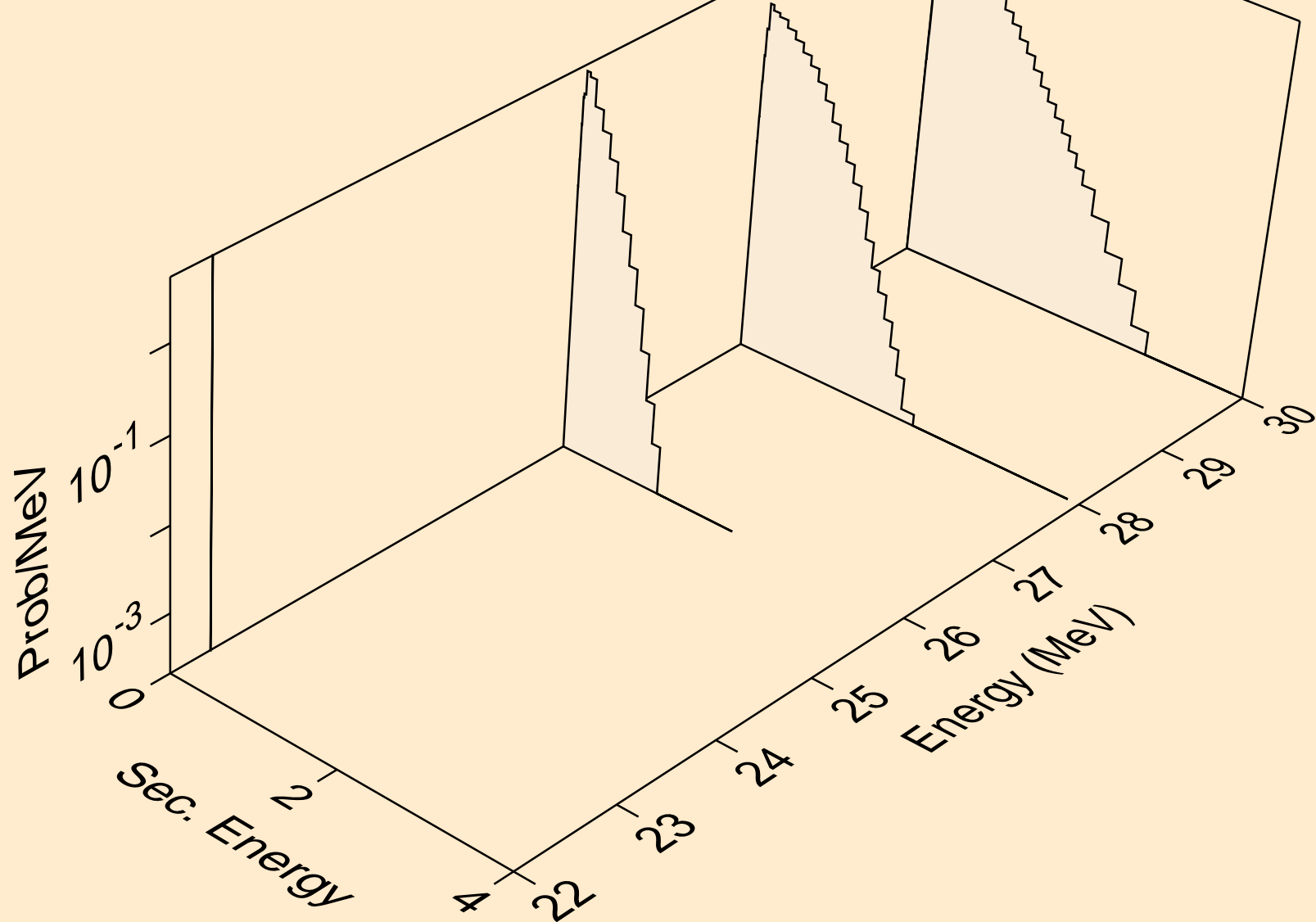




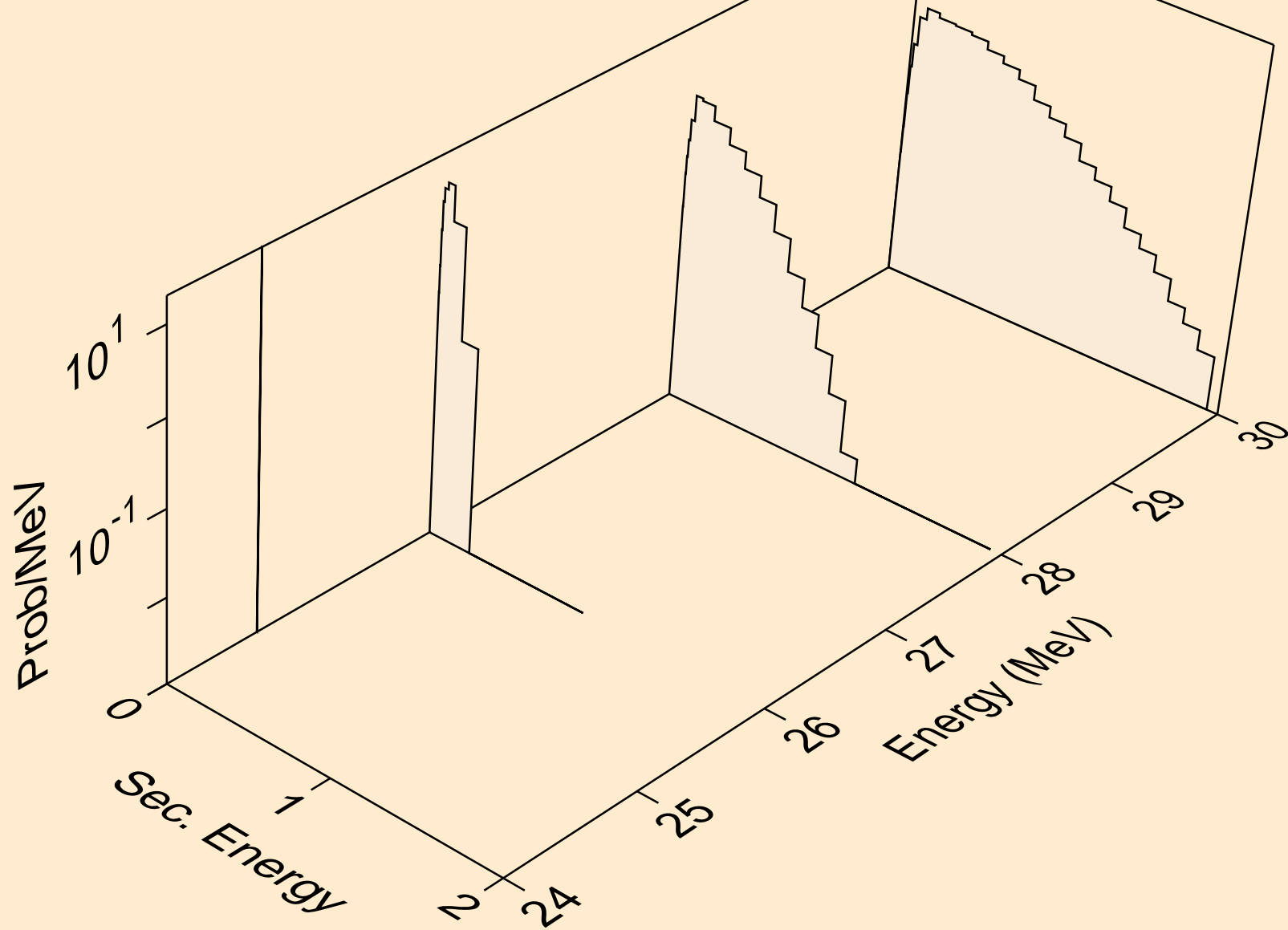
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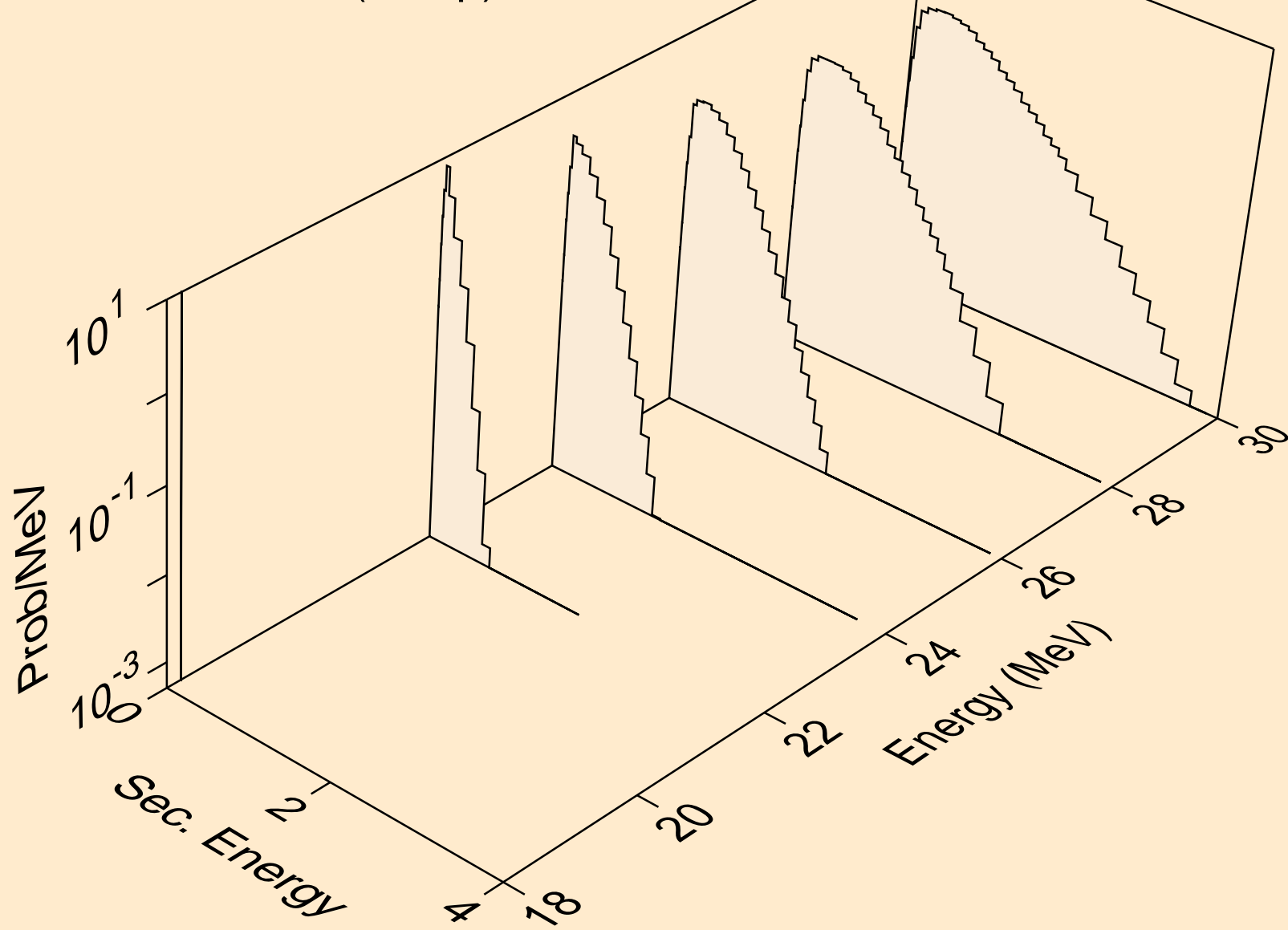
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neutrons from (a,n\*)d



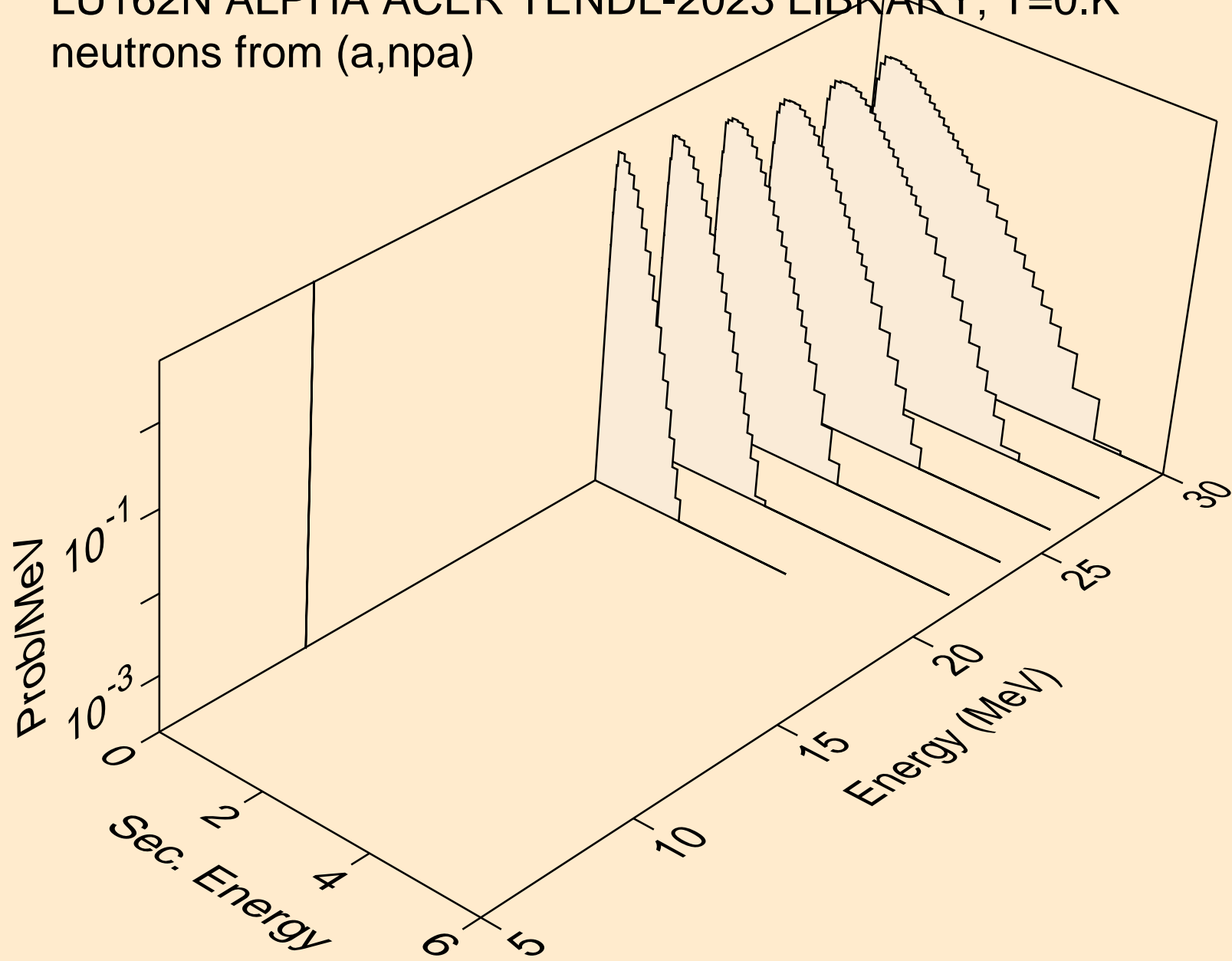
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neutrons from (a,2np)



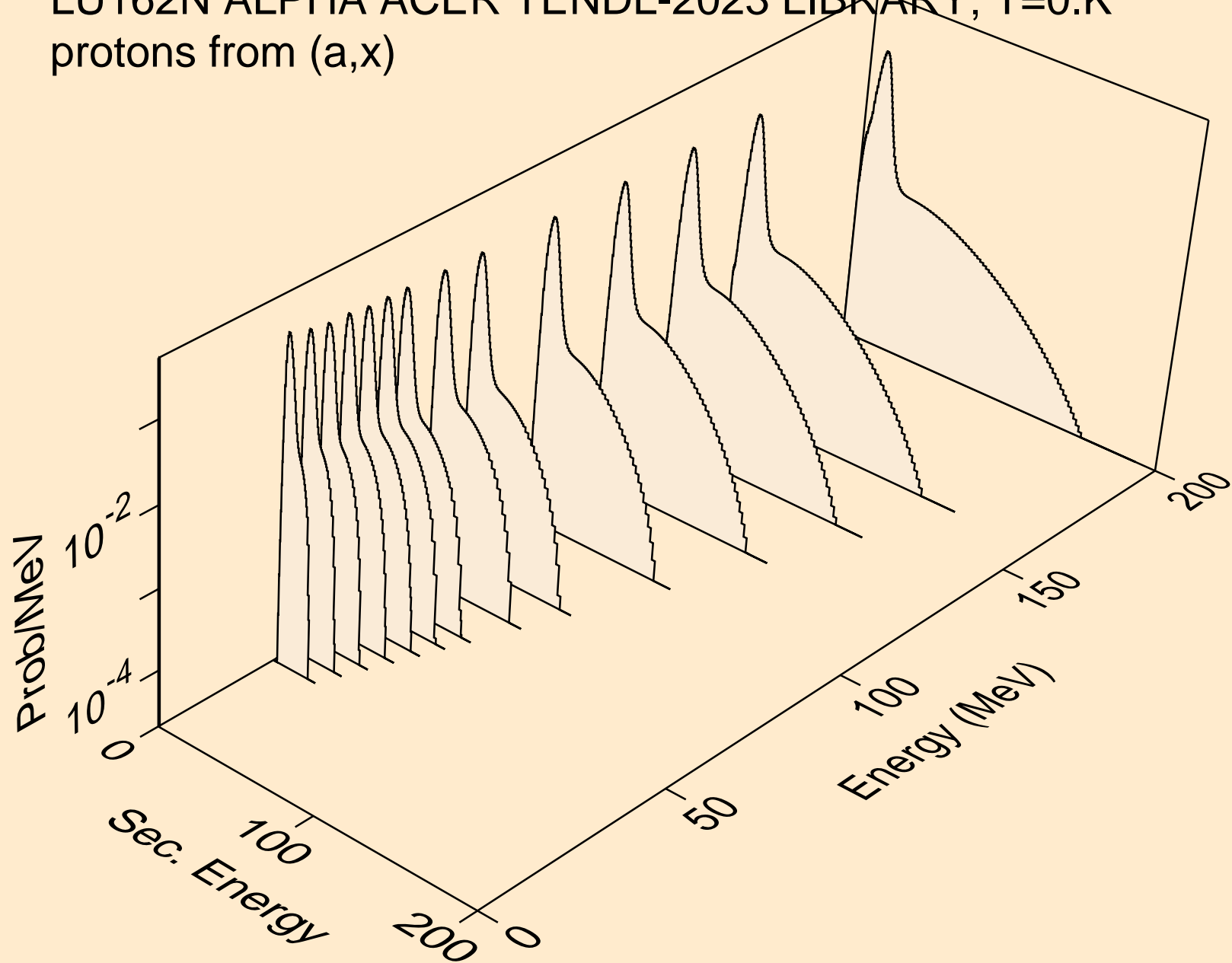
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neutrons from (a,n2p)



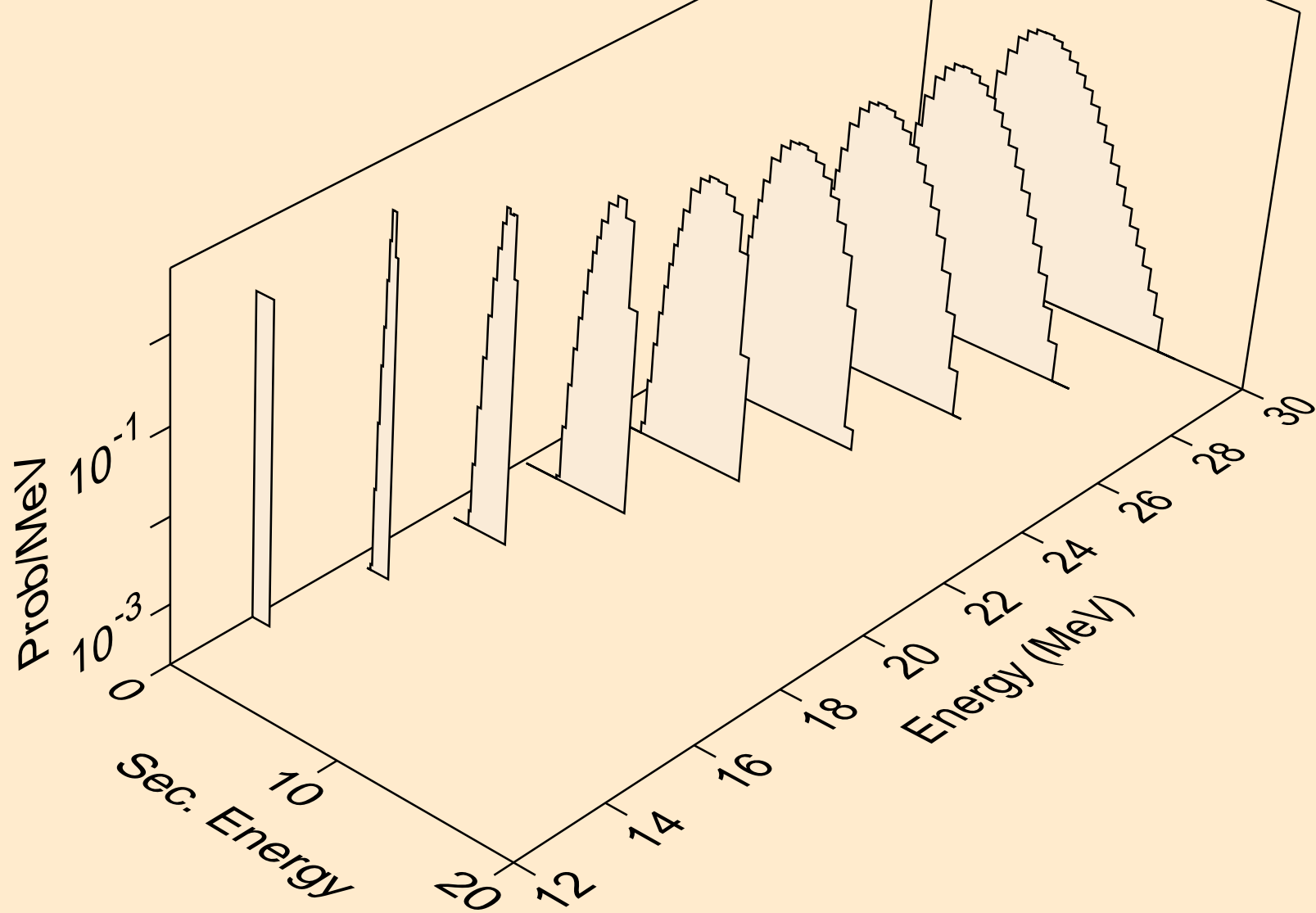
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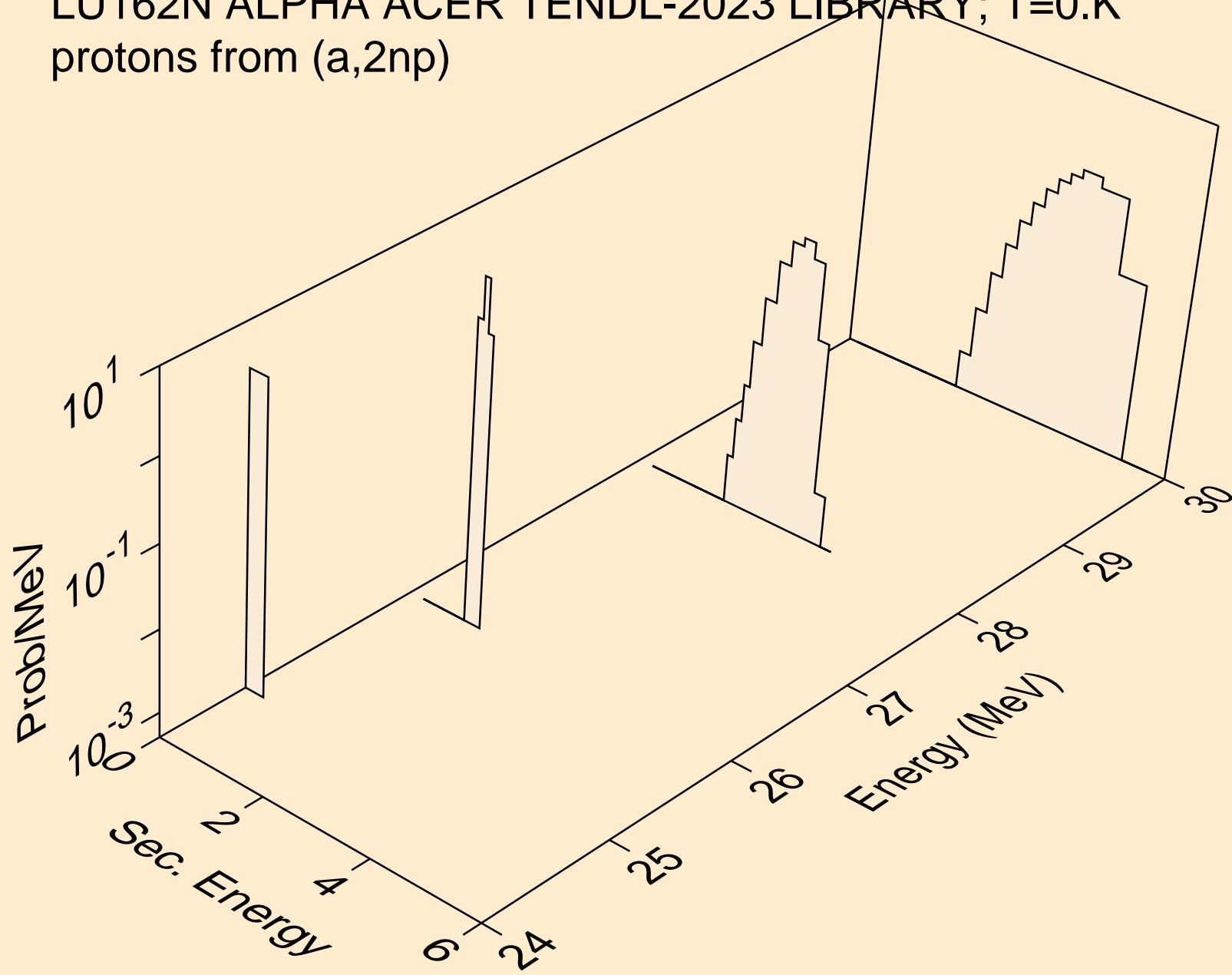
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protons from (a,x)



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protons from (a,n\*)p

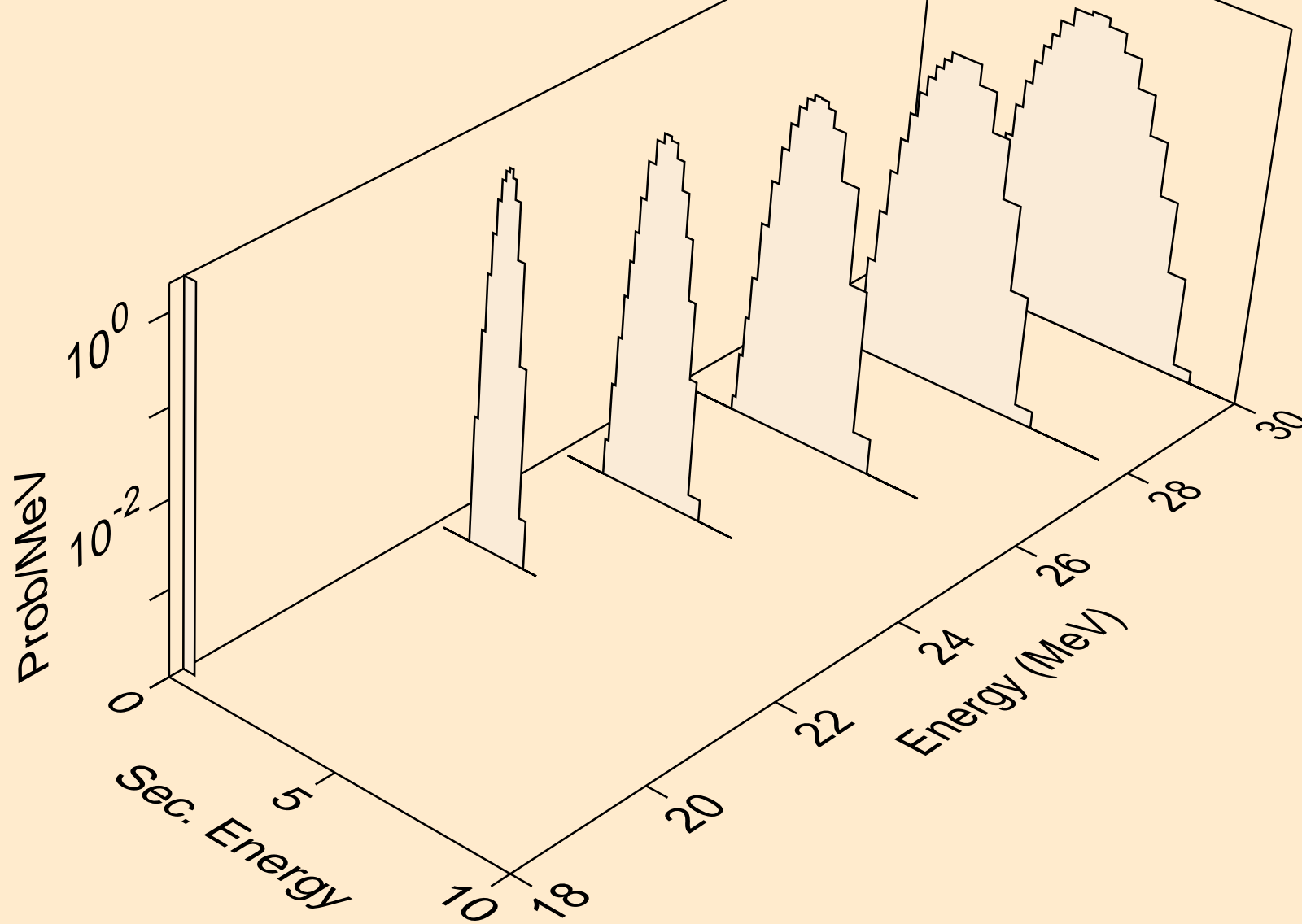


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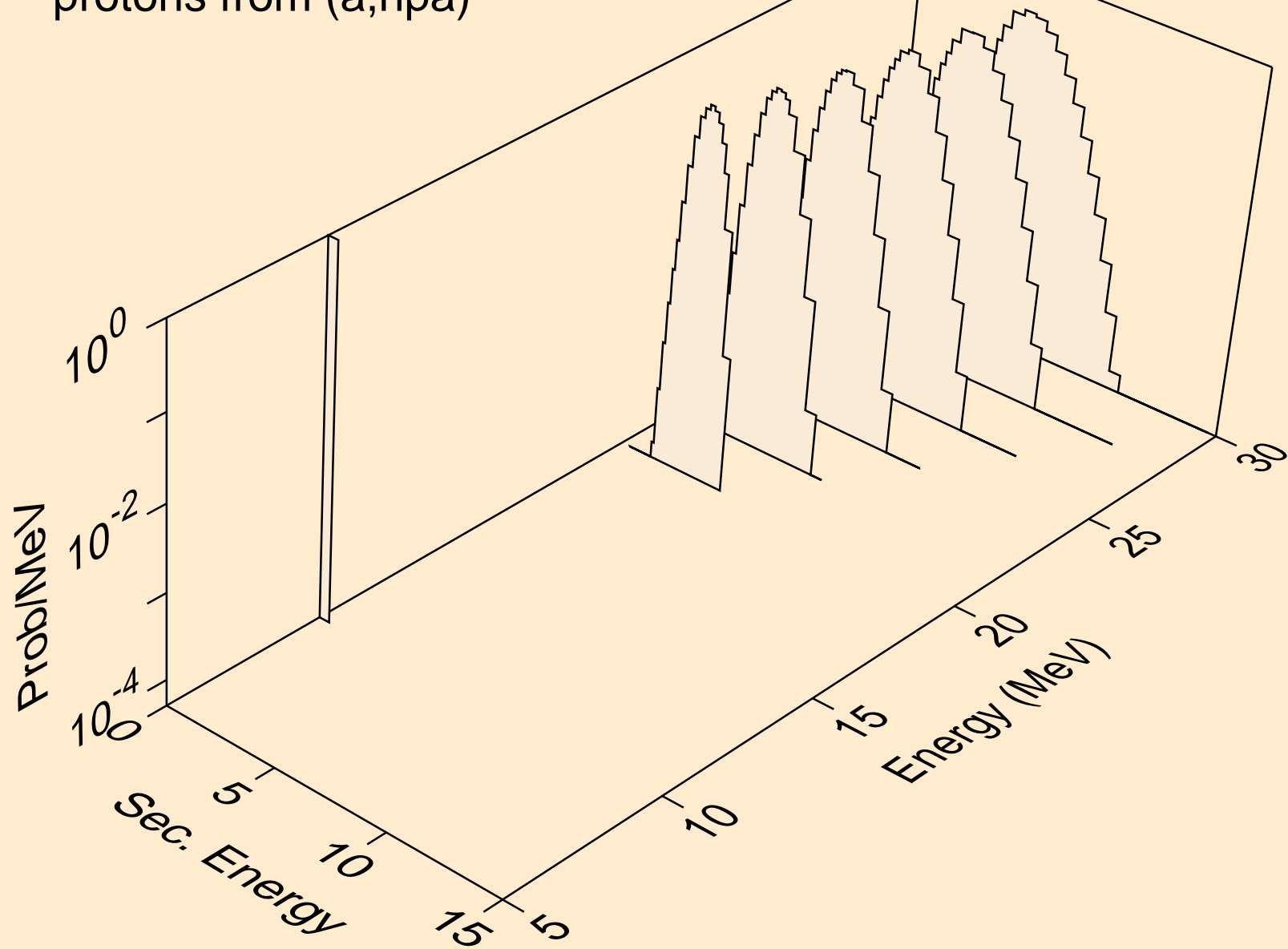




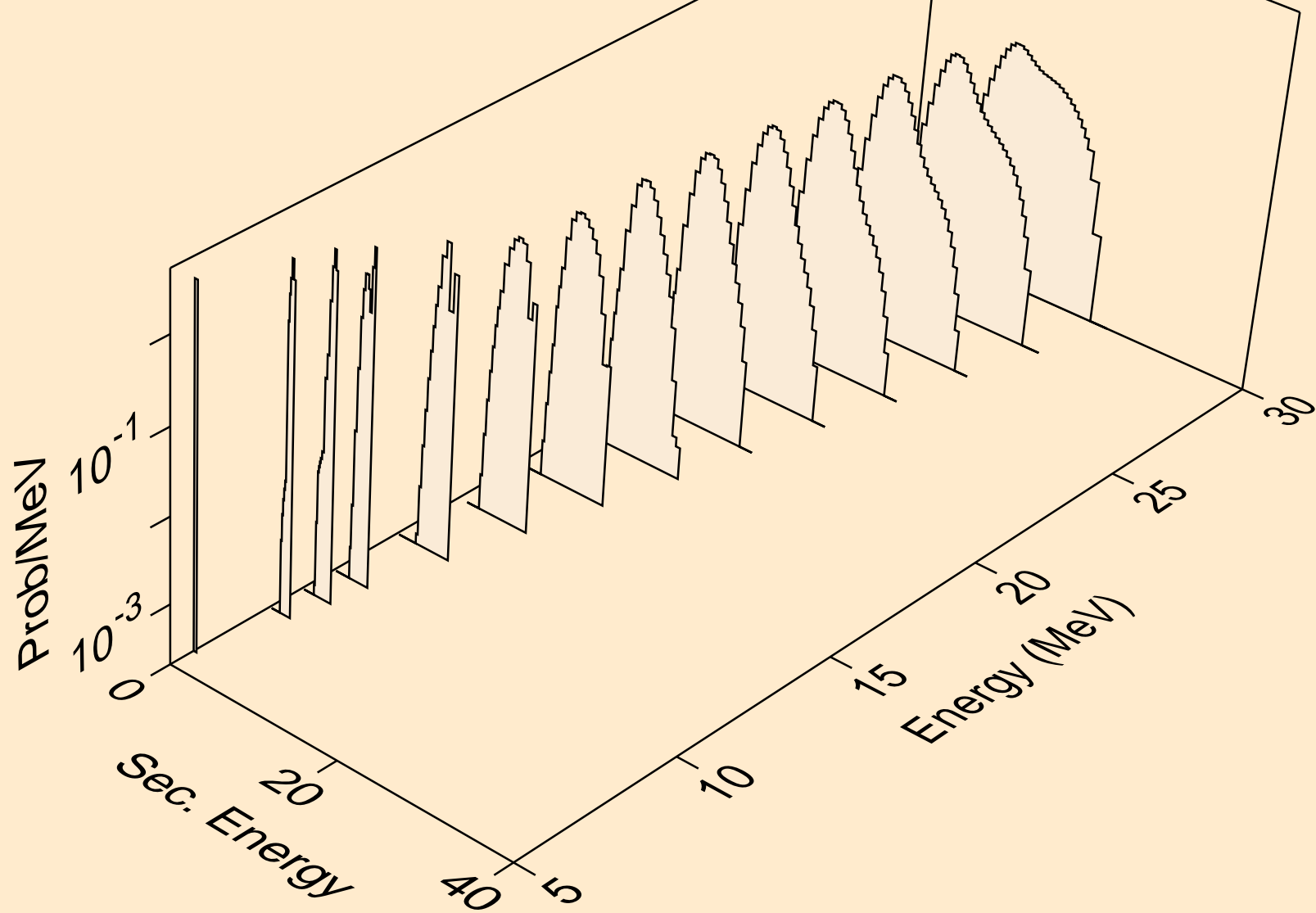
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protons from (a,n2p)



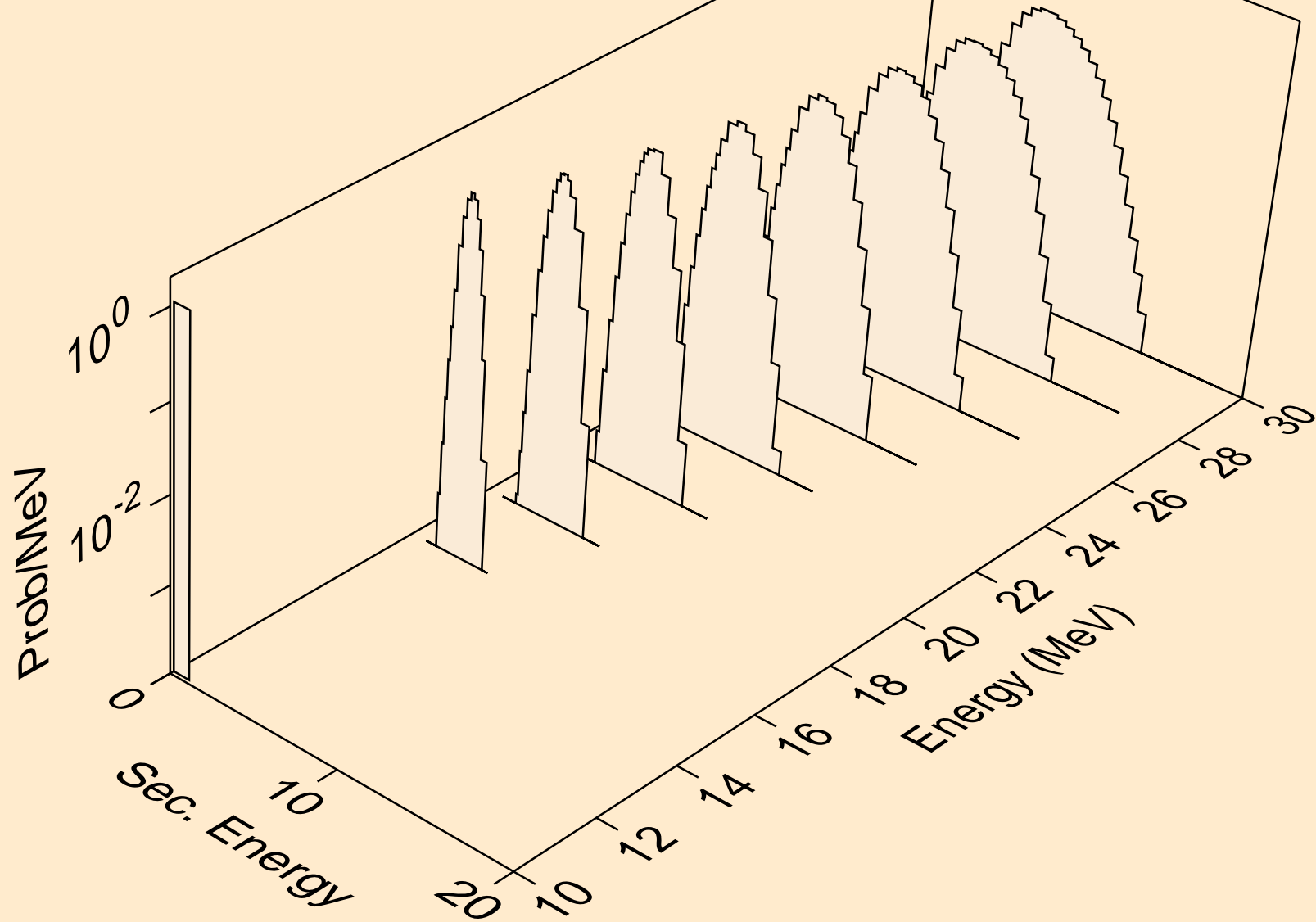
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protons from (a,npa)



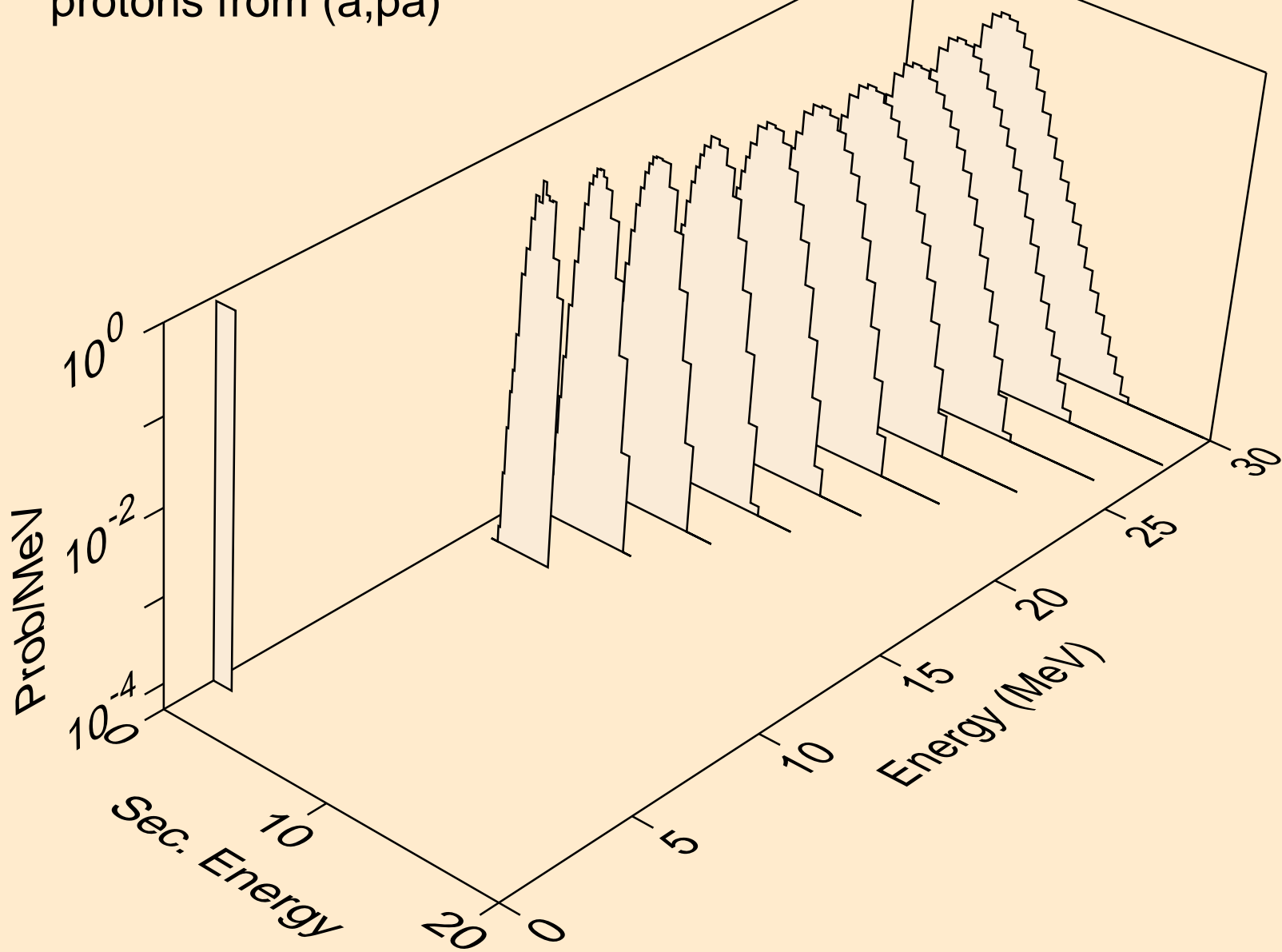
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protons from (a,p)



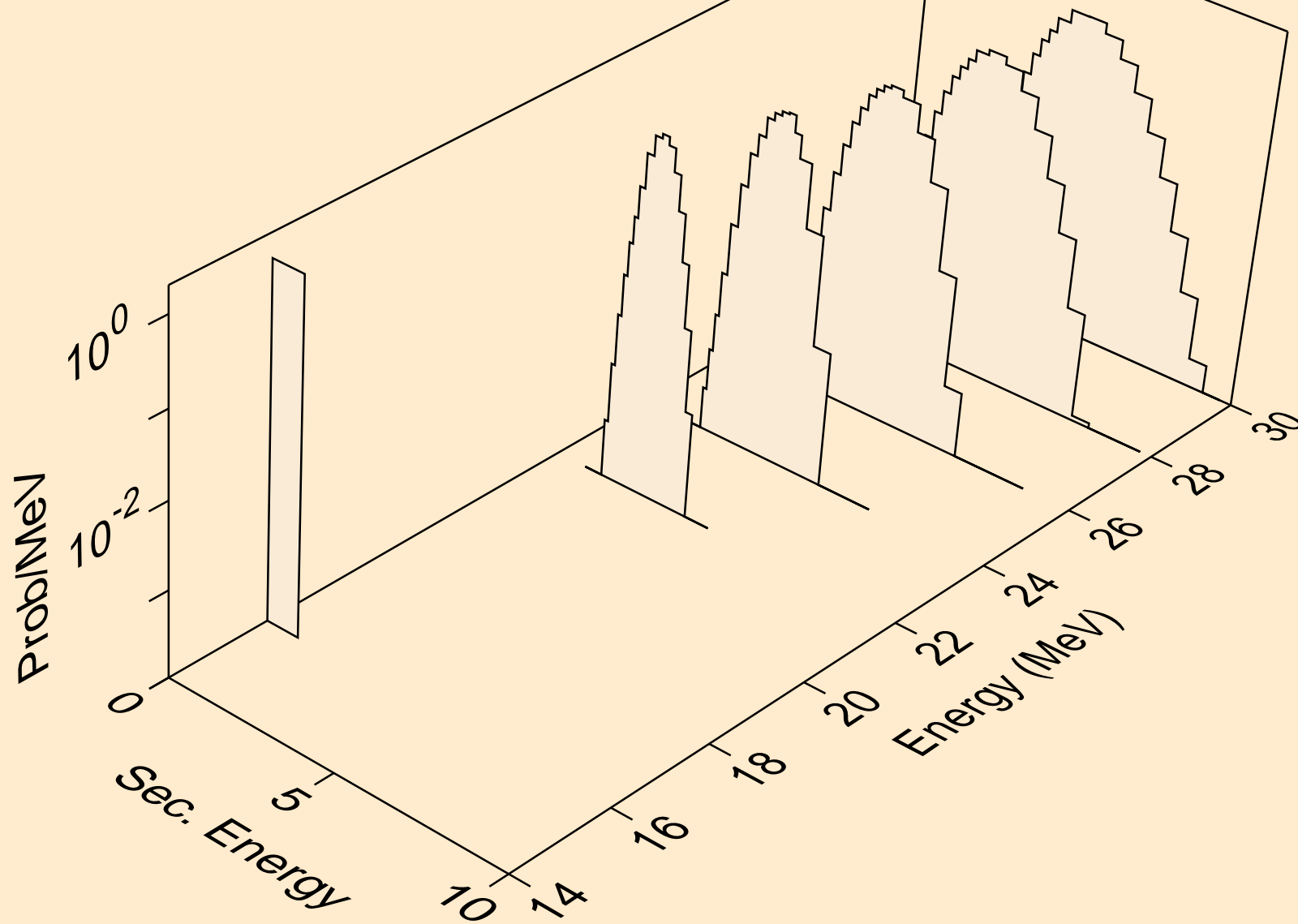
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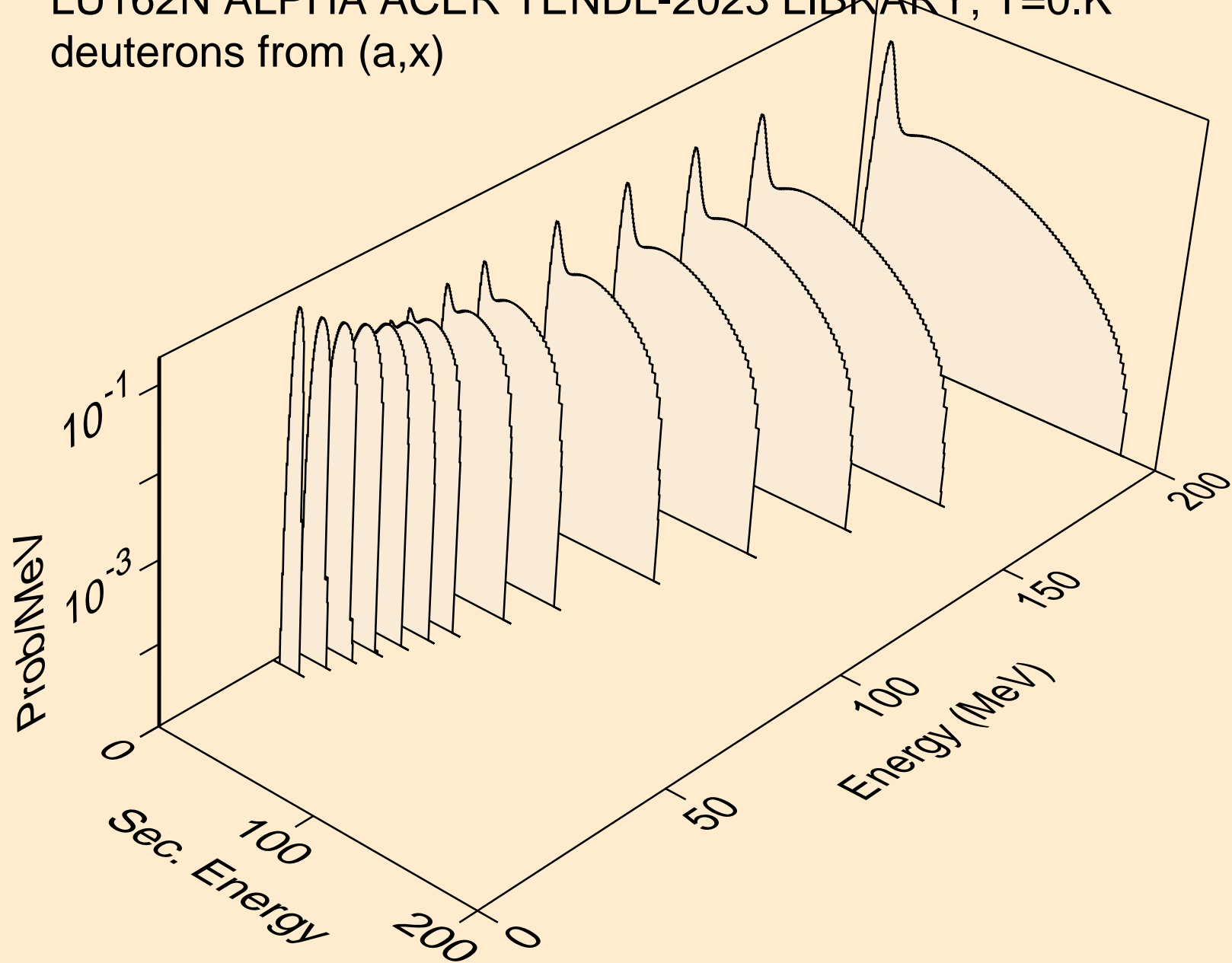
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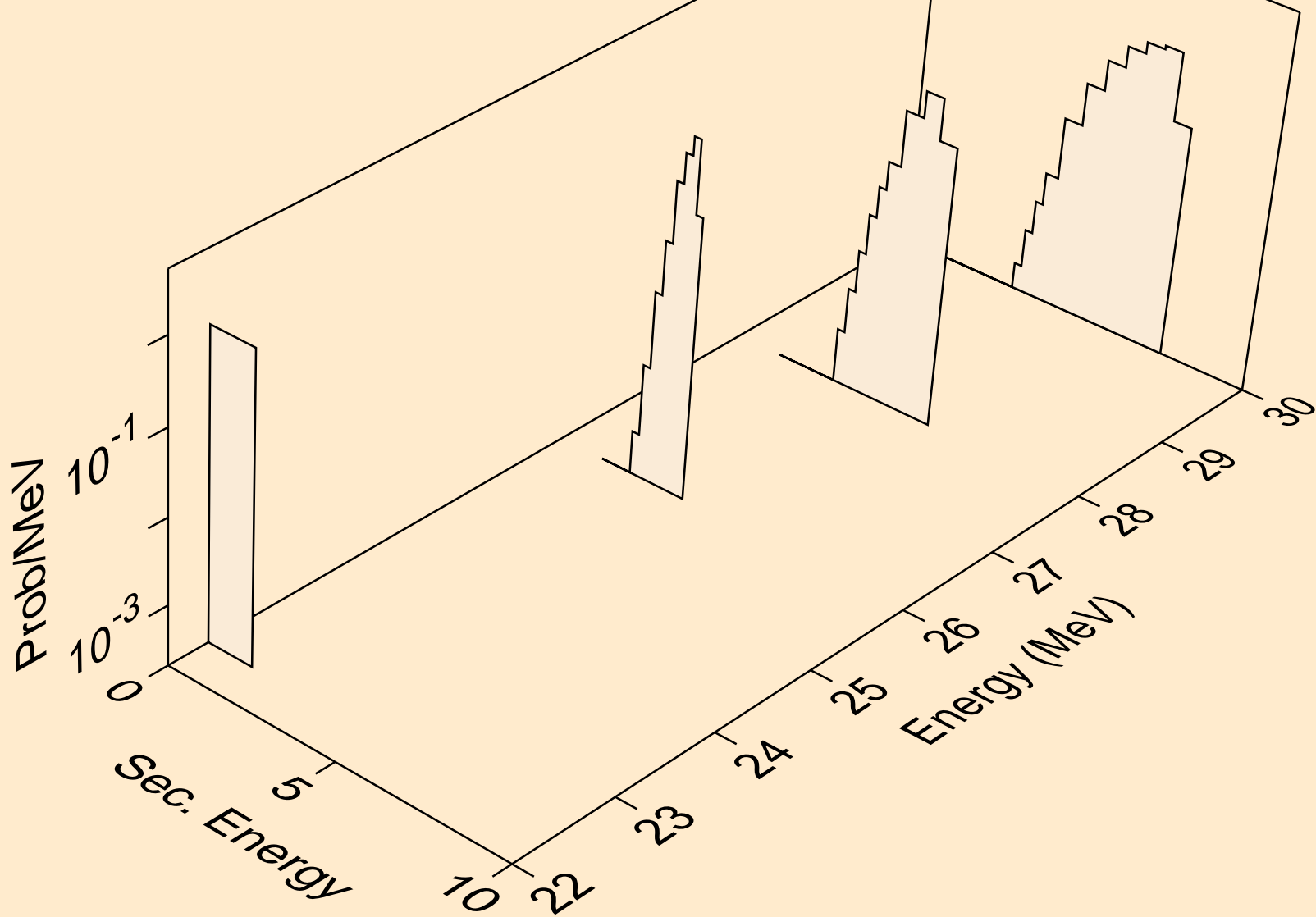
LU162N ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pd)



LU162N ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,x)

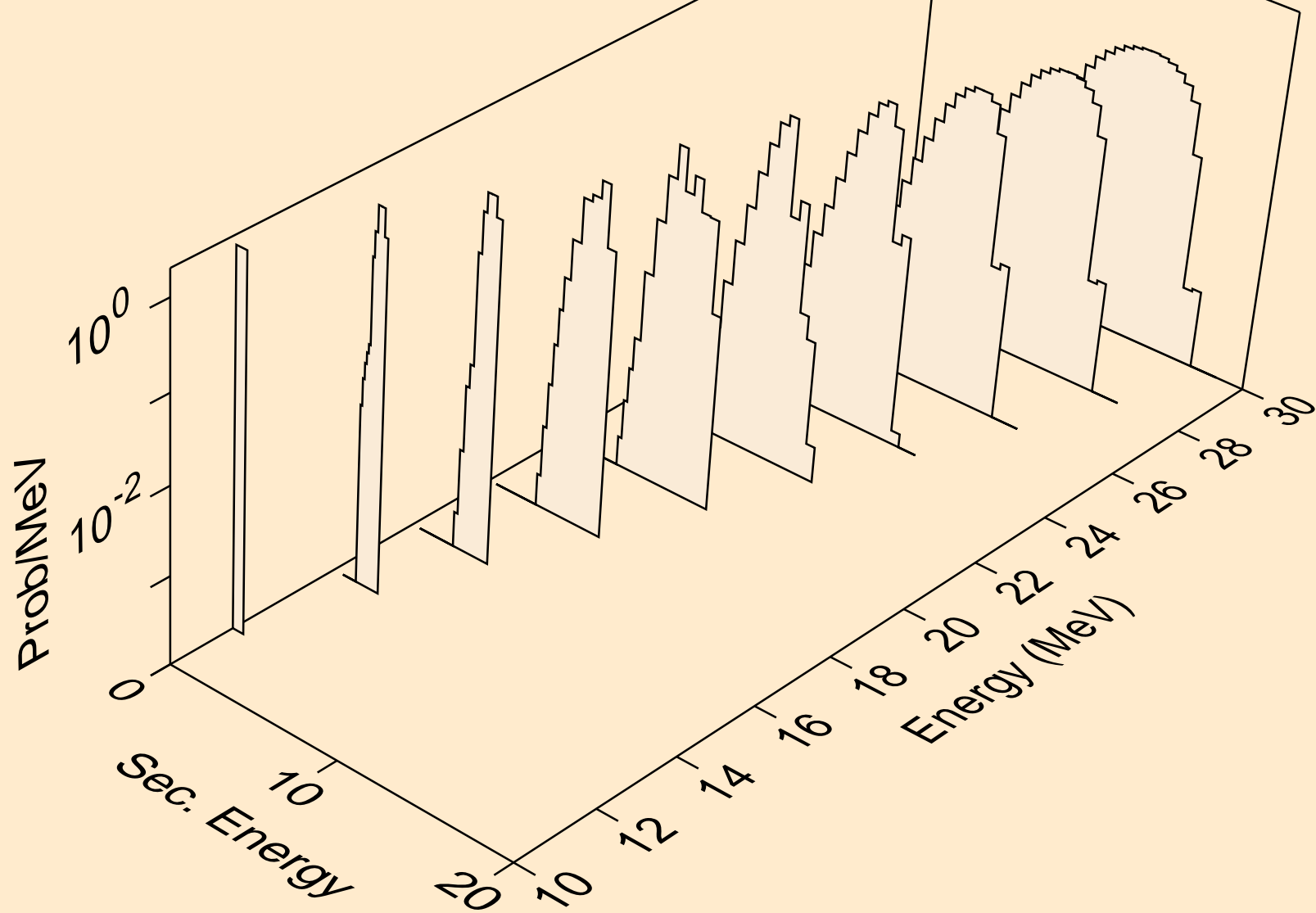


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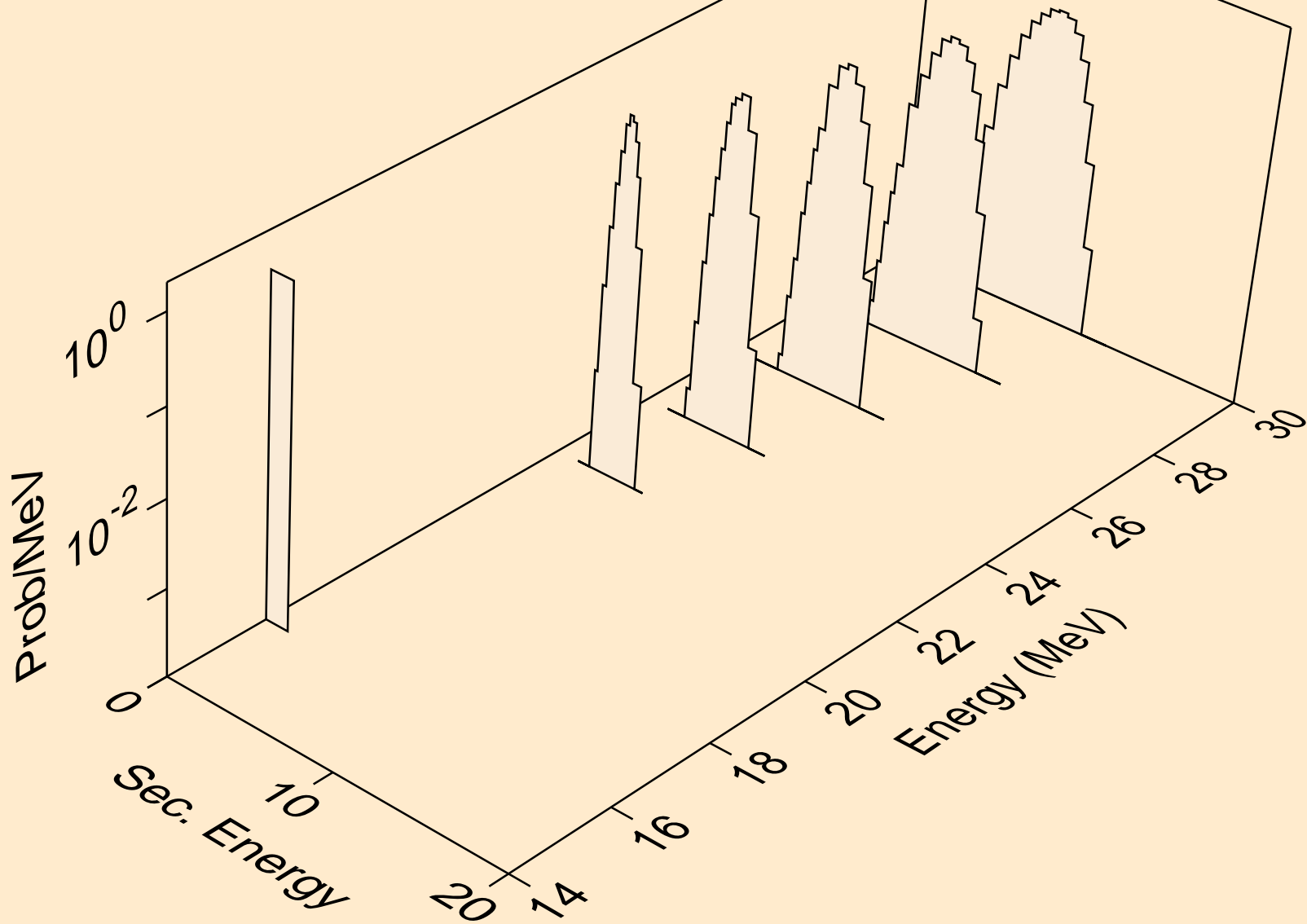




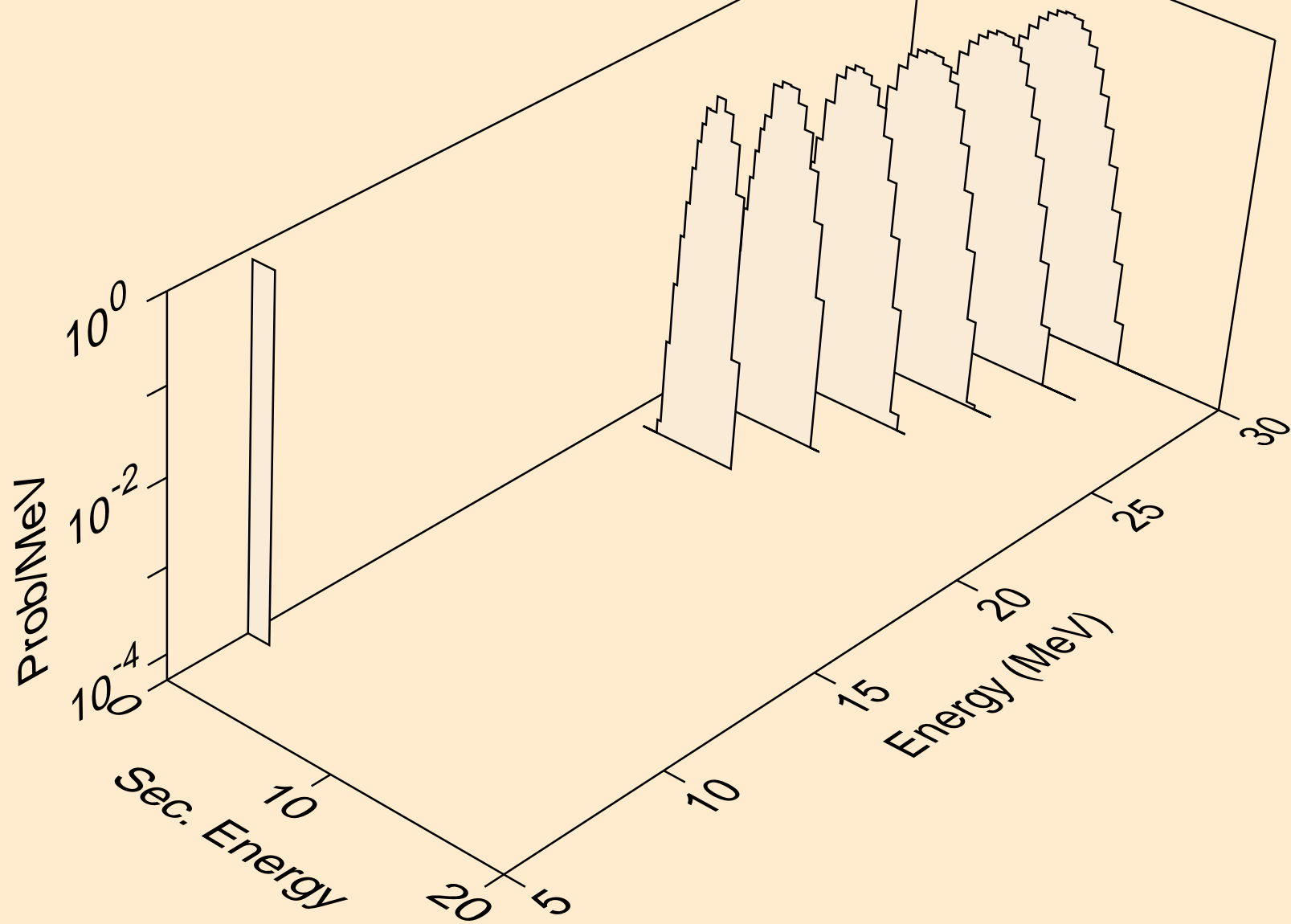
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deuterons from (a,d)



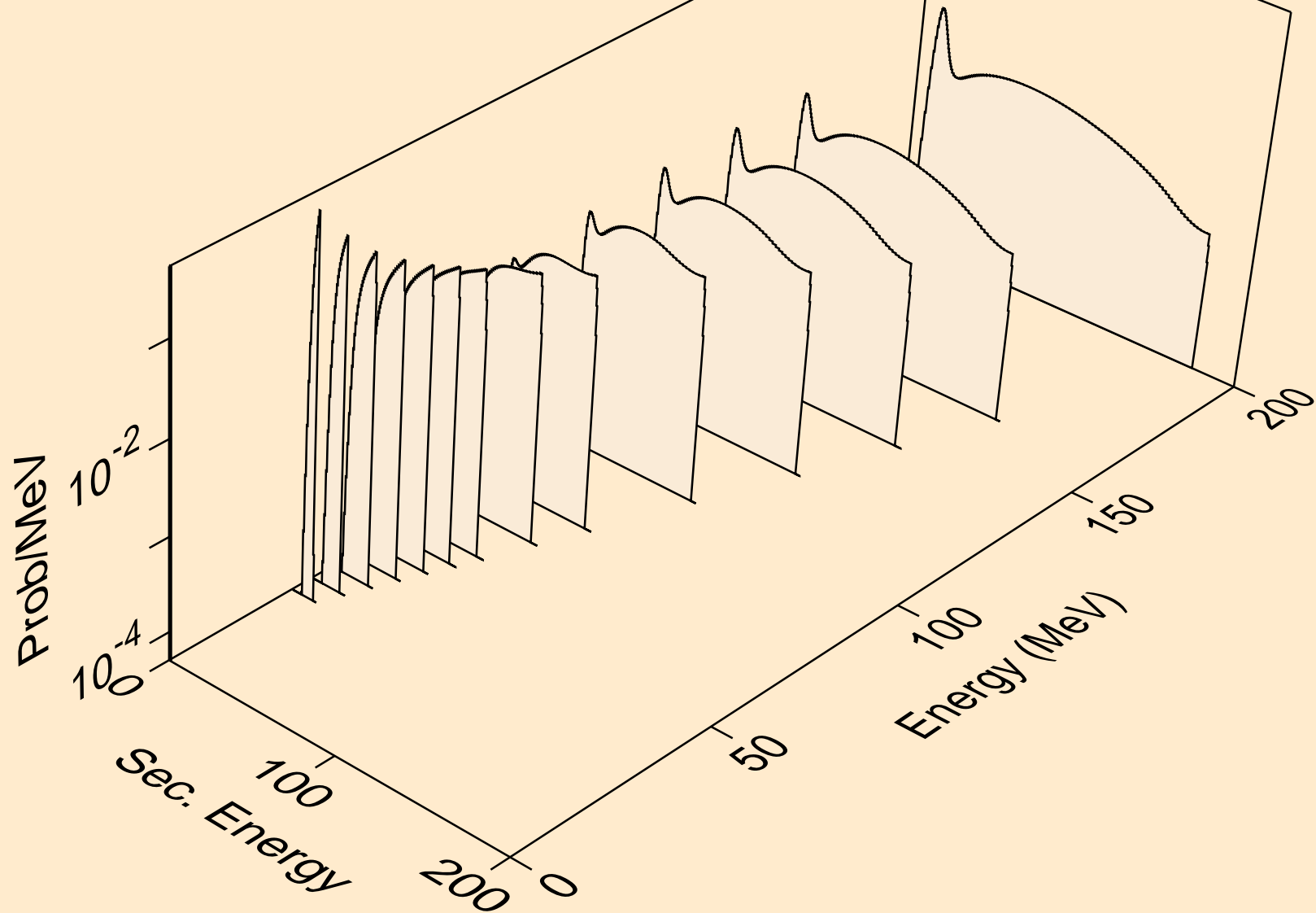
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deuterons from (a,pd)



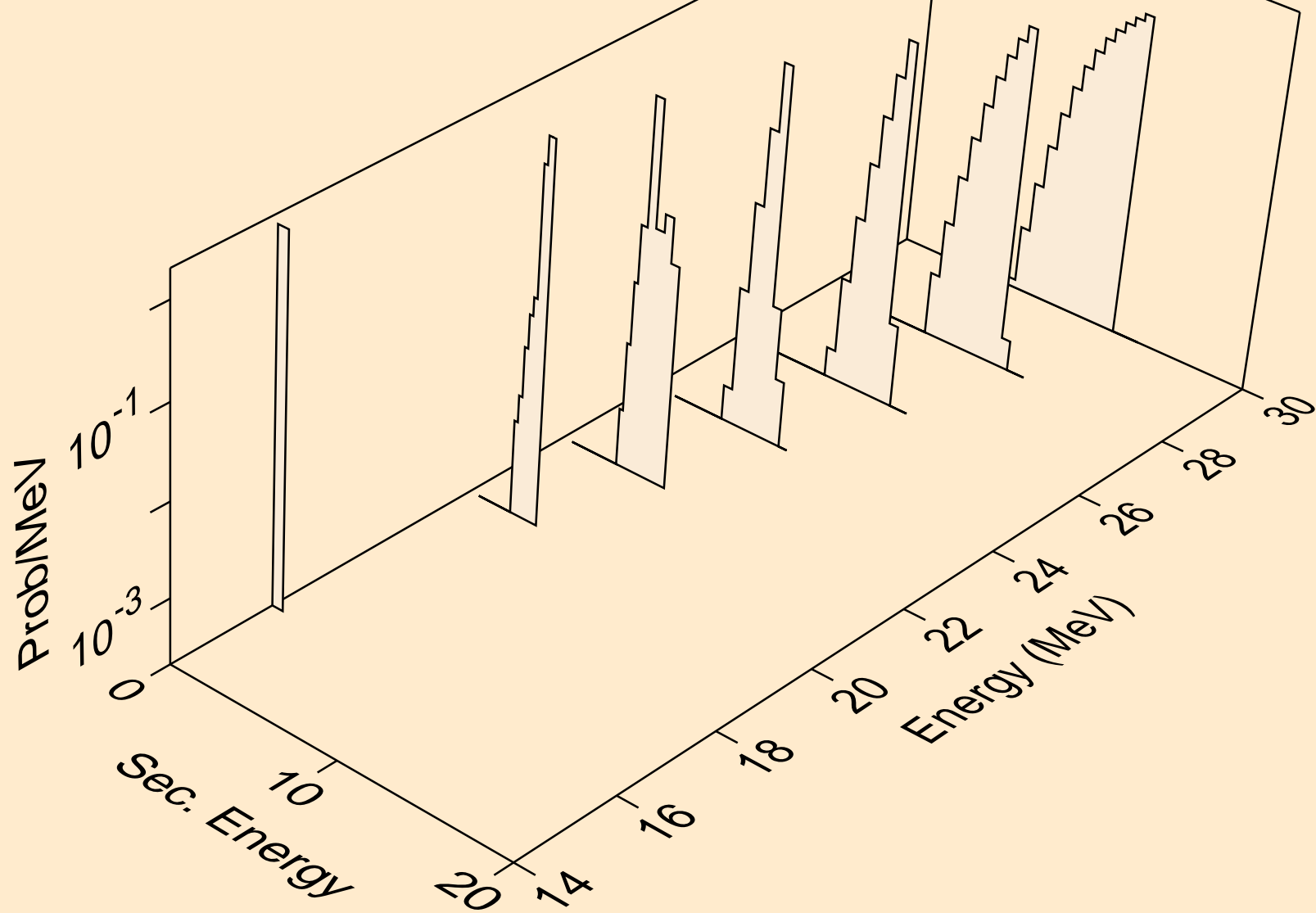
LU162N ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,da)



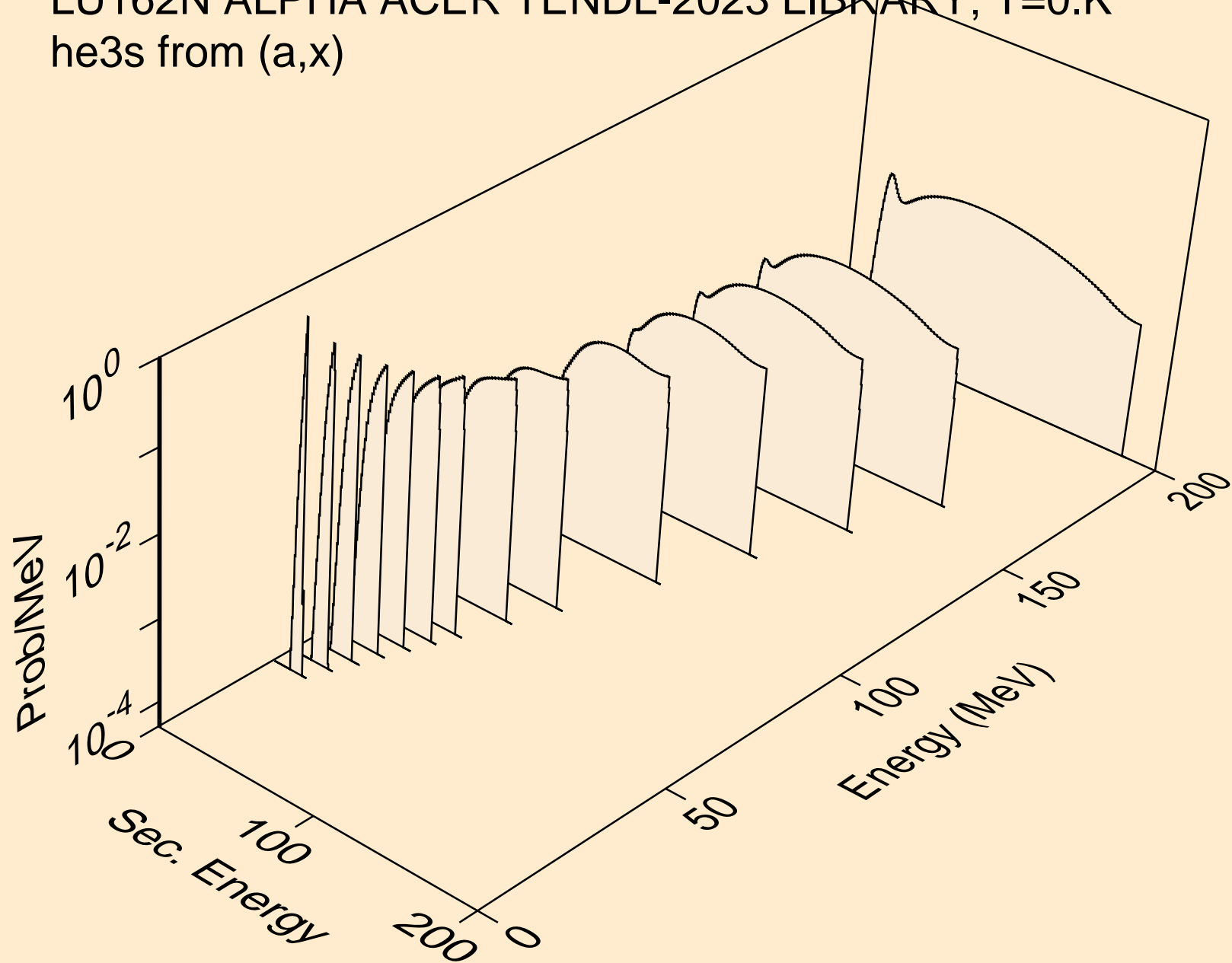
LU162N ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)



LU162N ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)



LU162N ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



LU162N ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

