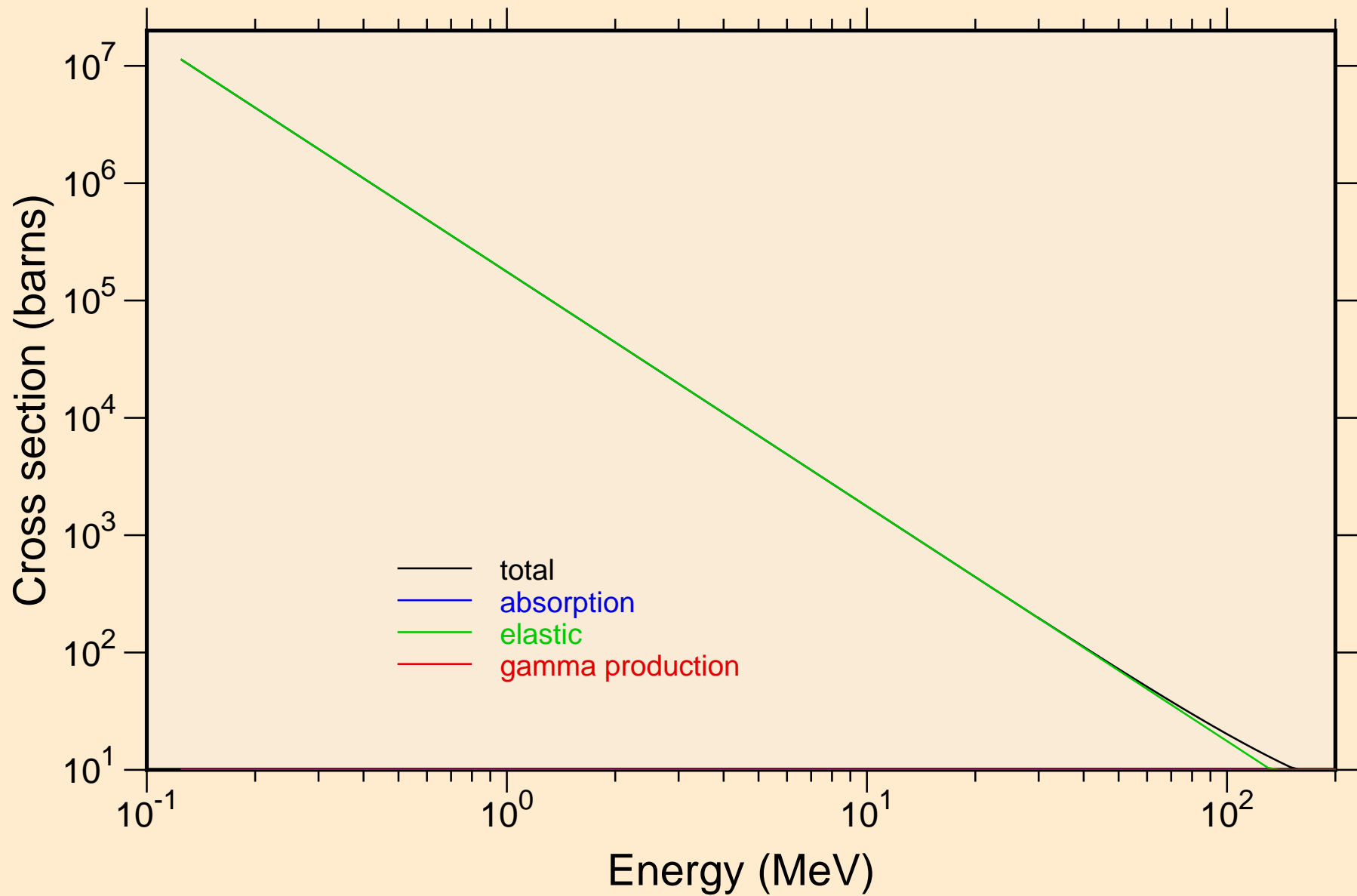
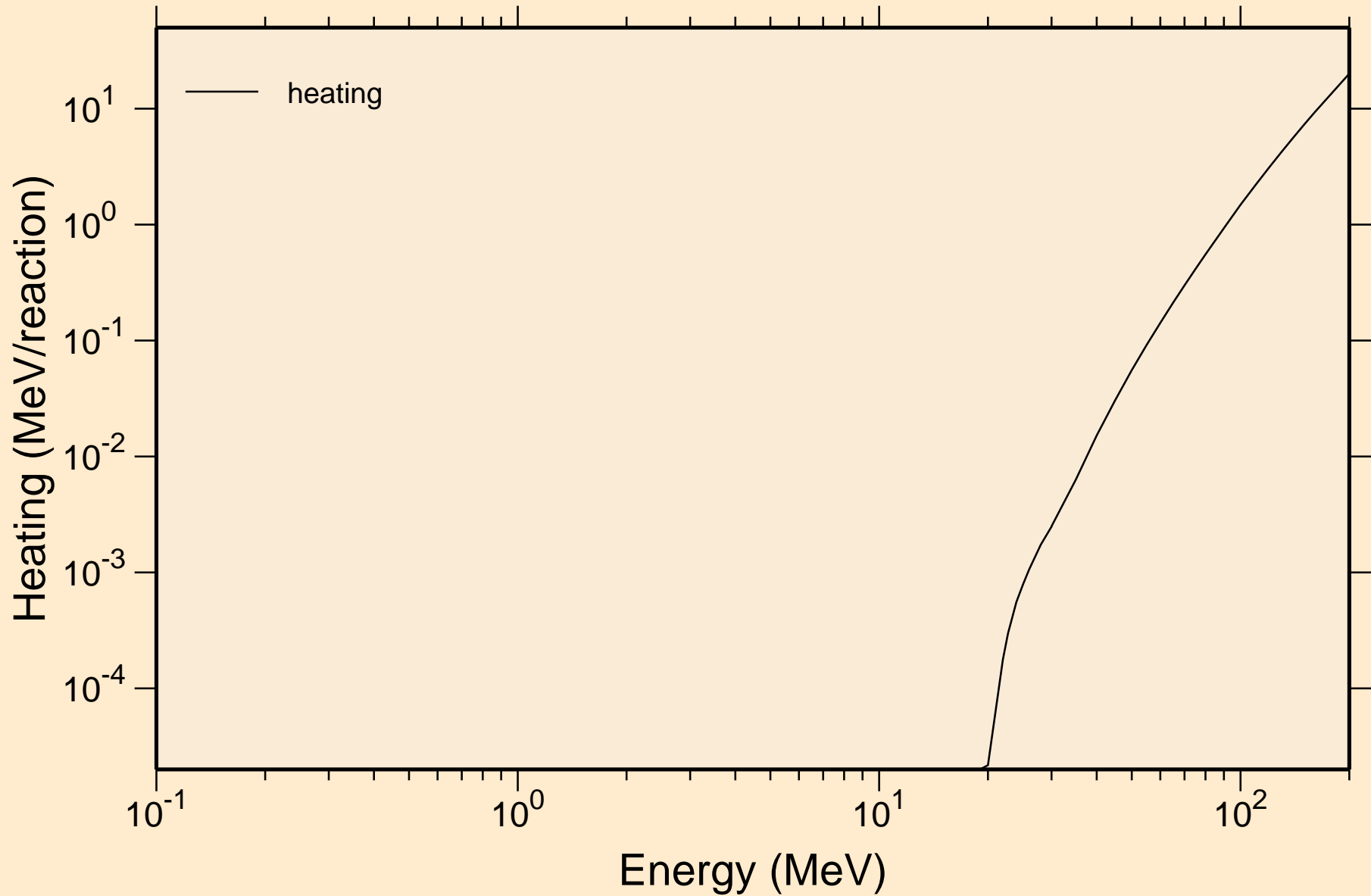


BI198N ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



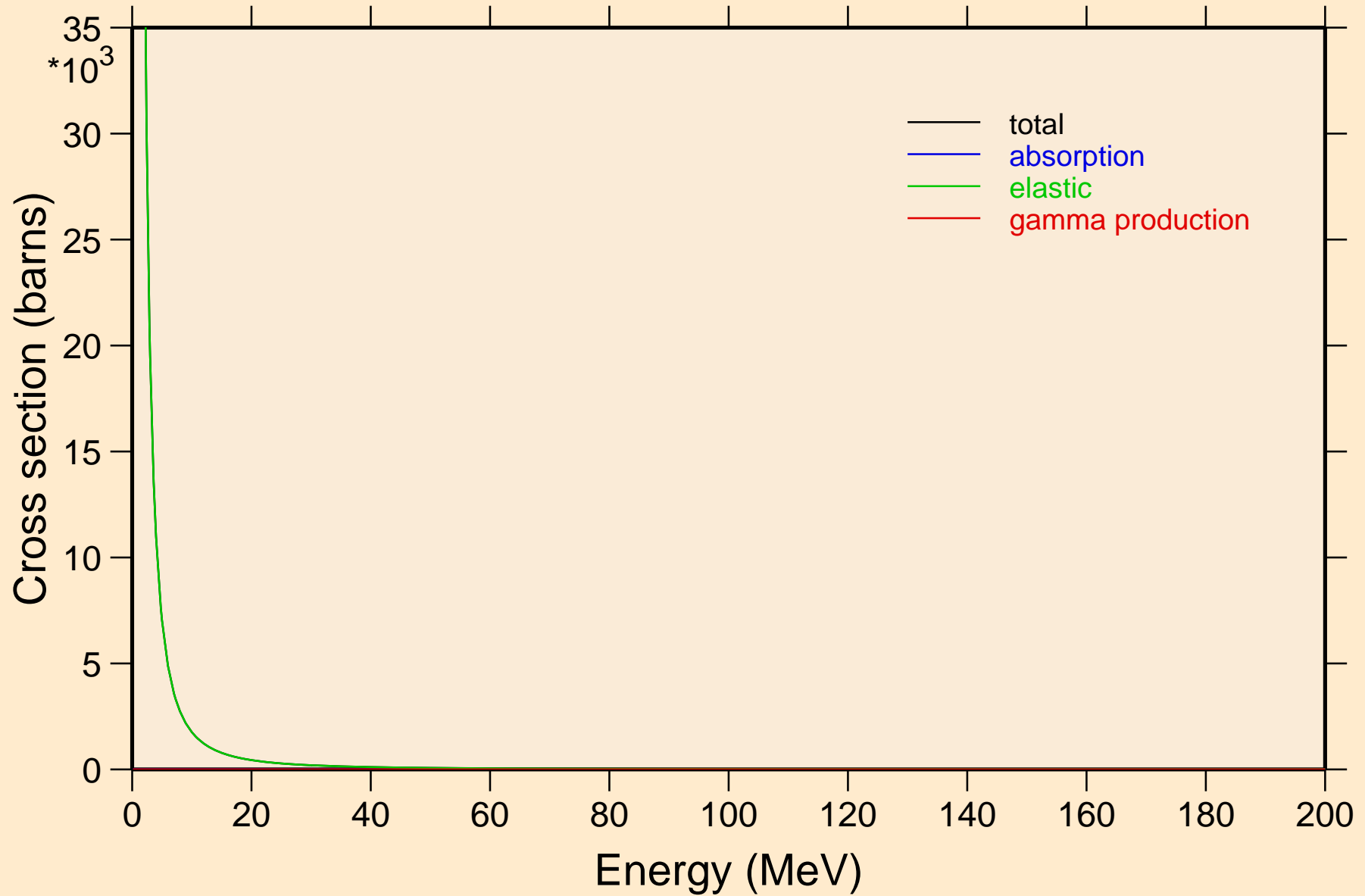
BI198N ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating



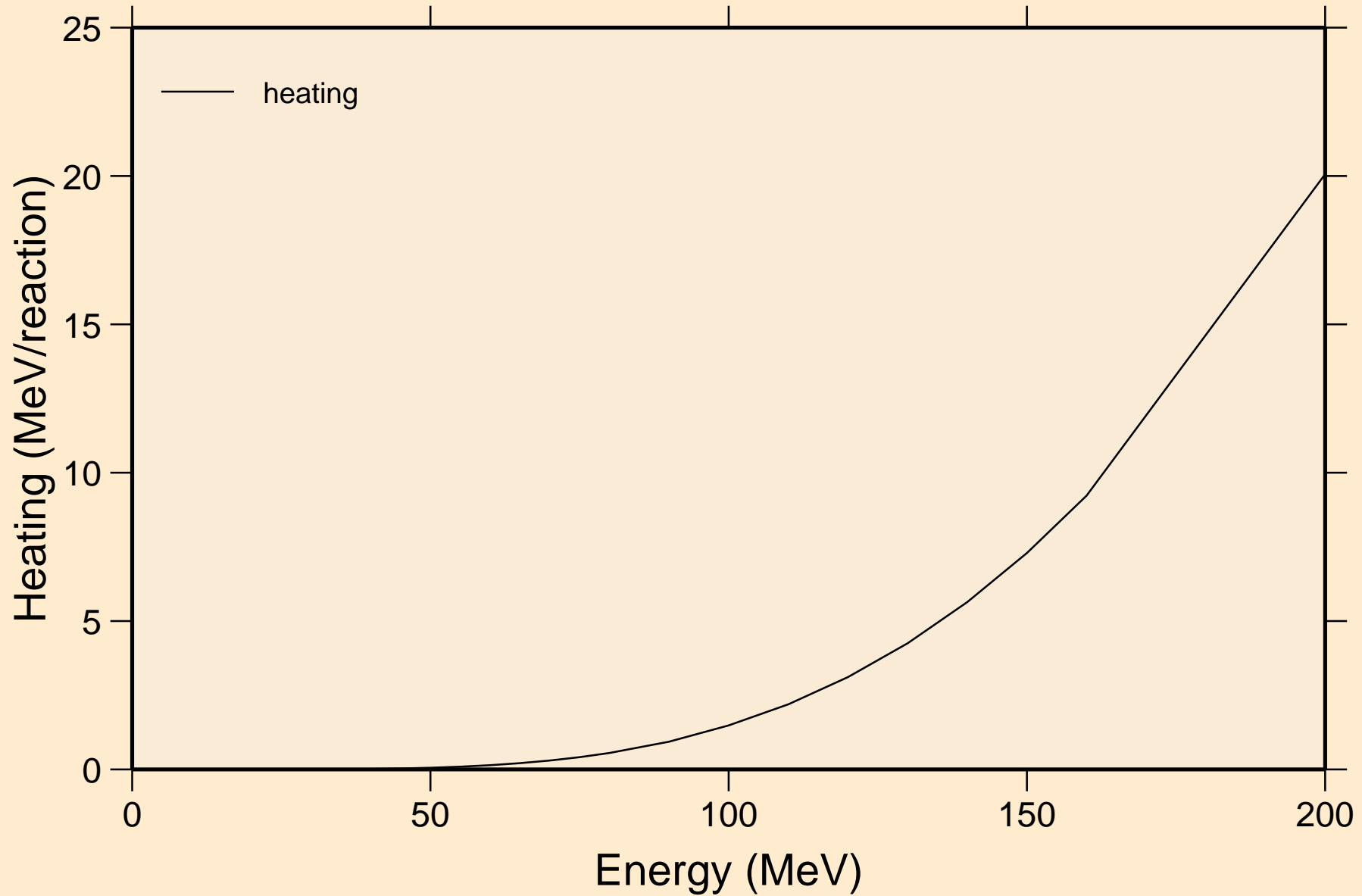
# BI198N ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

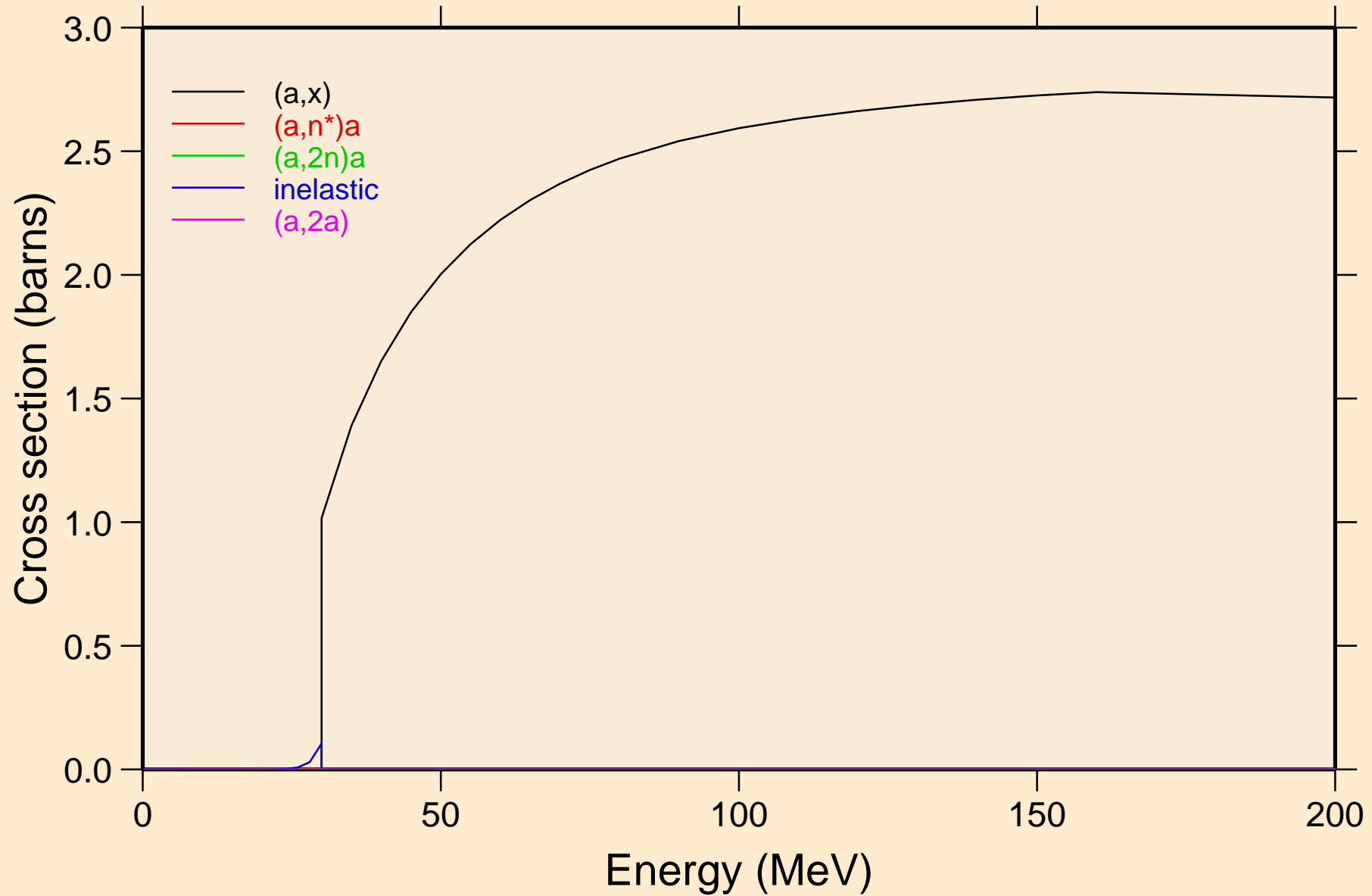


BI198N ALPHA ACER TENDL-2023 LIBRARY; T=0.K

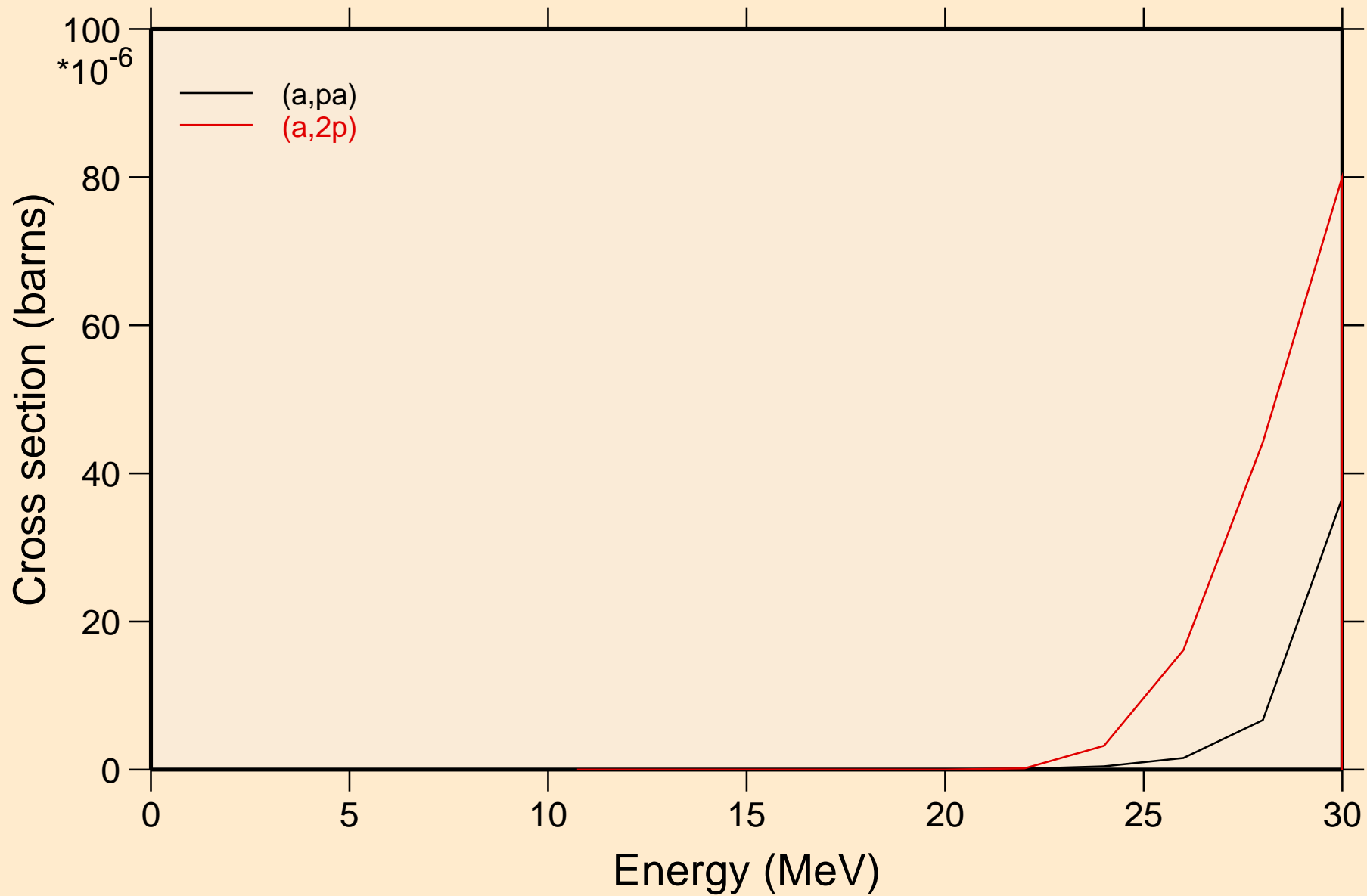
Heating



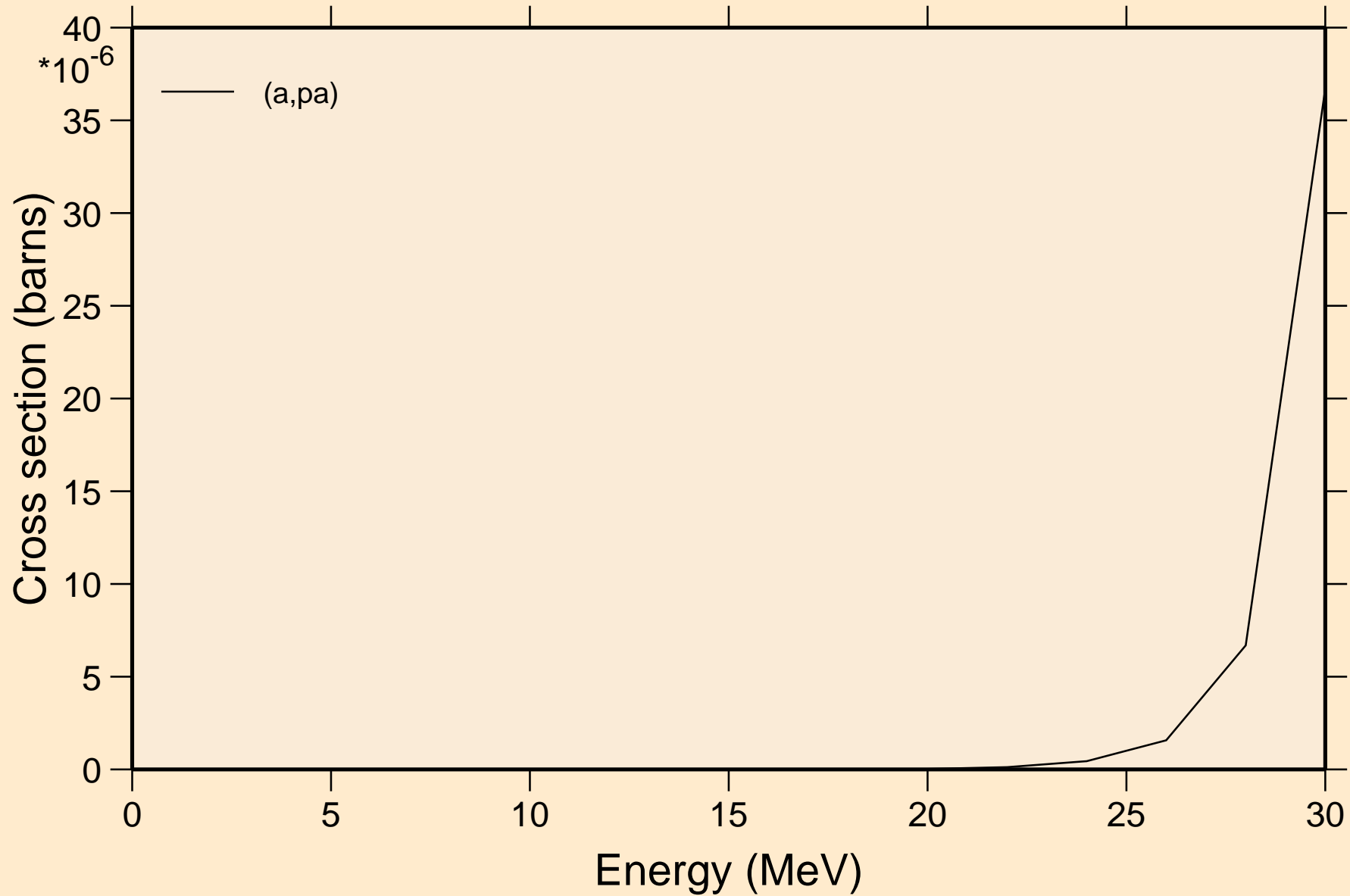
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Threshold reactions



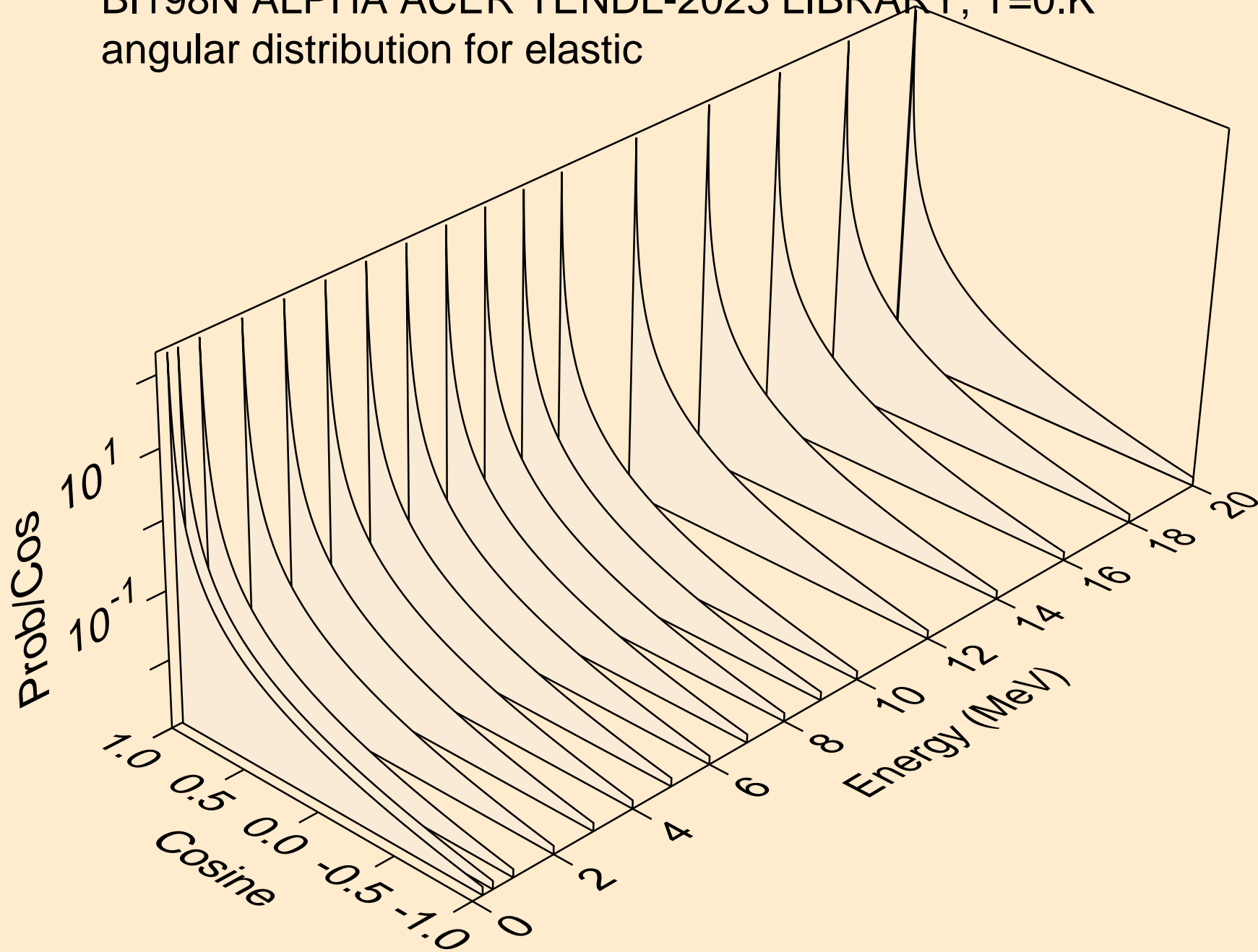
BI198N ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



BI198N ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

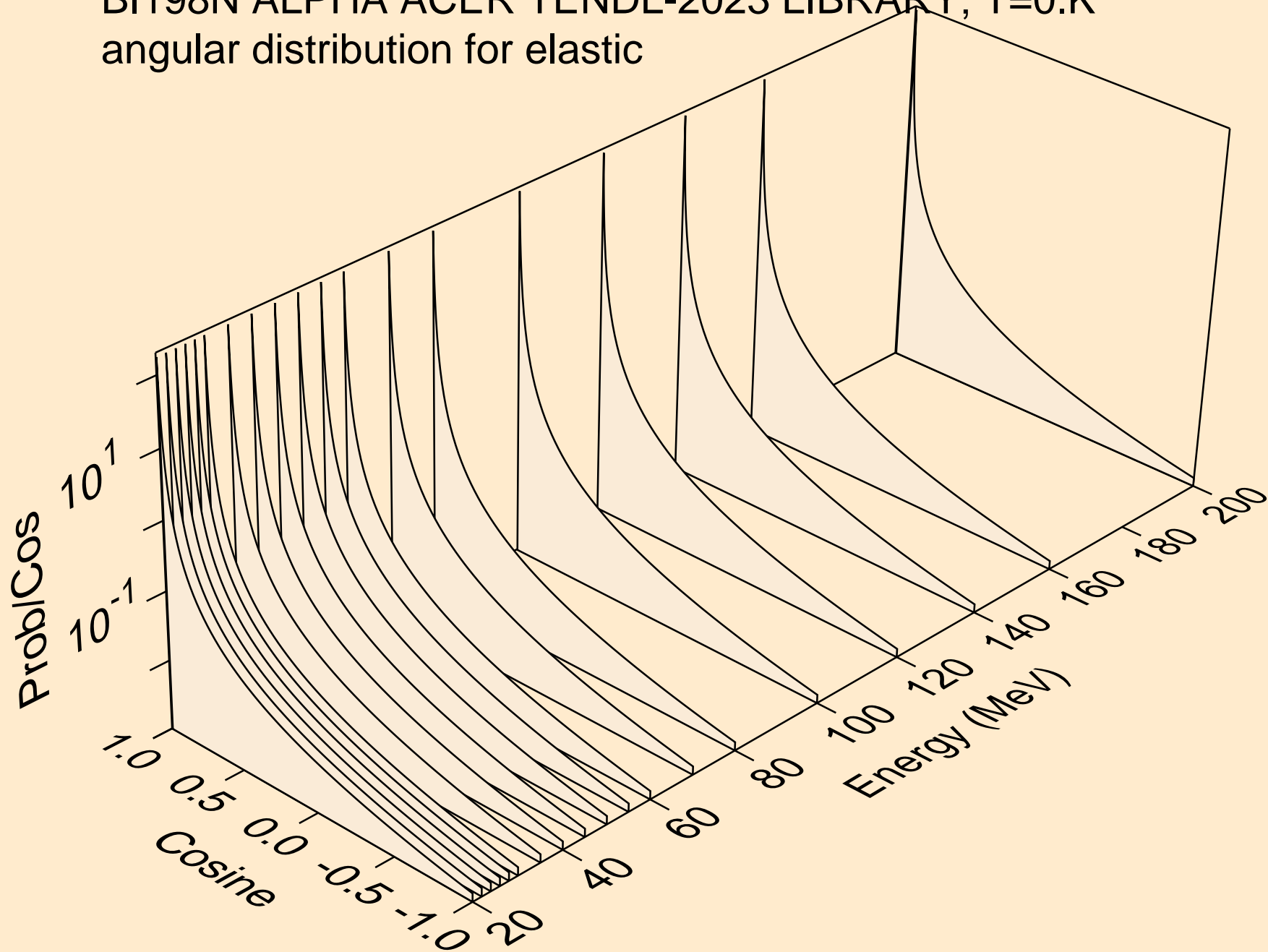


BI198N ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

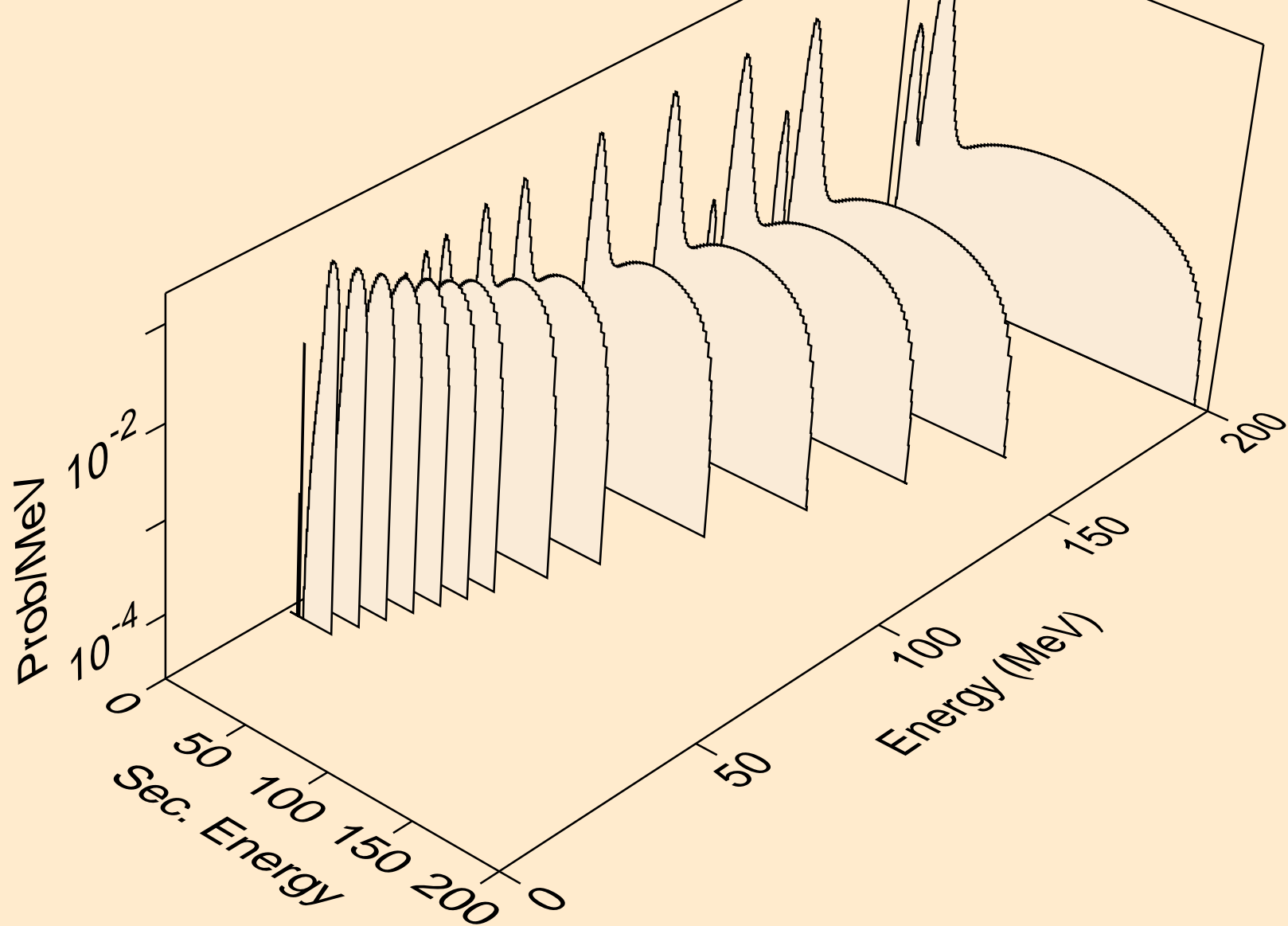




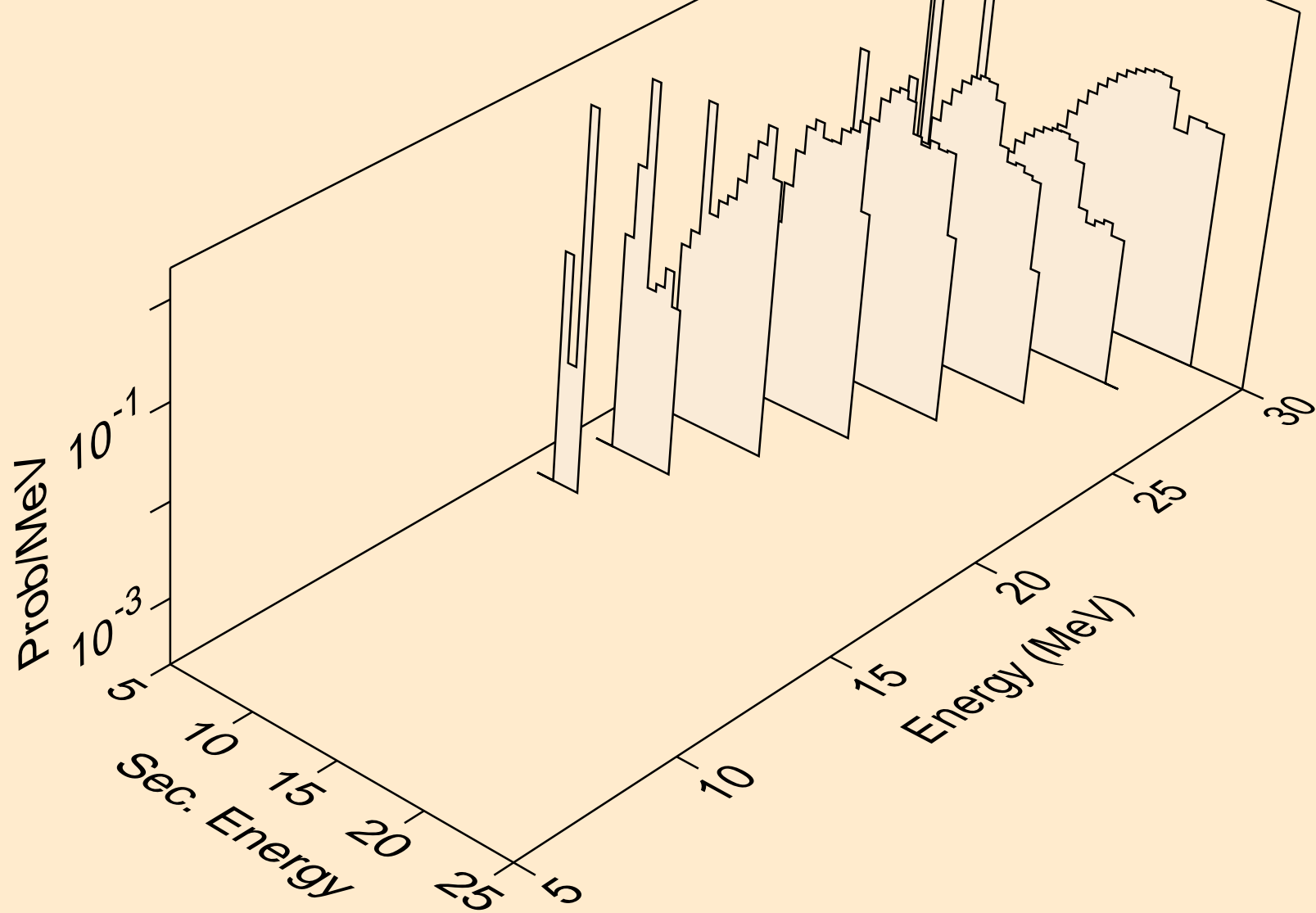
BI198N ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



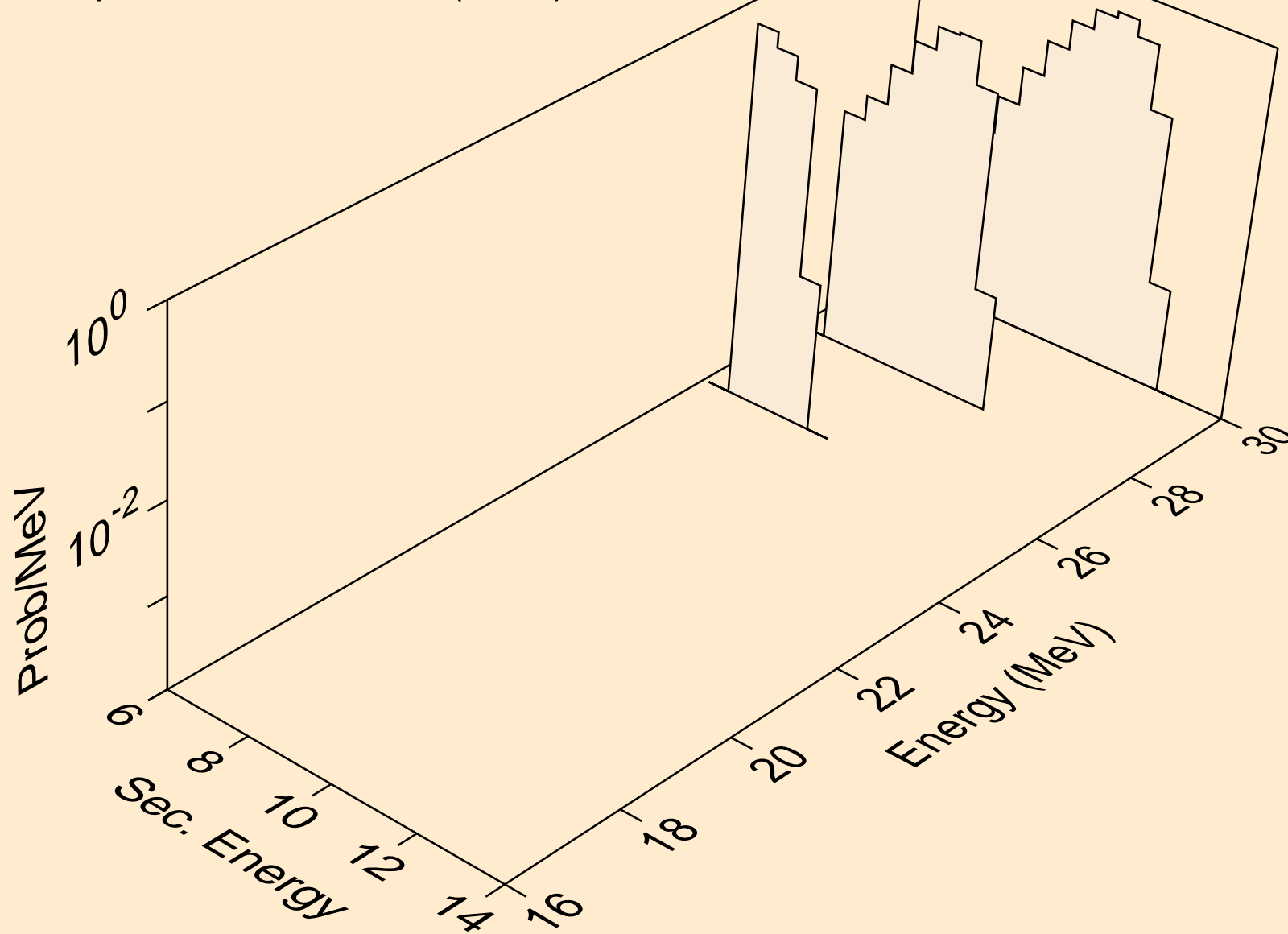
BI198N ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,x)



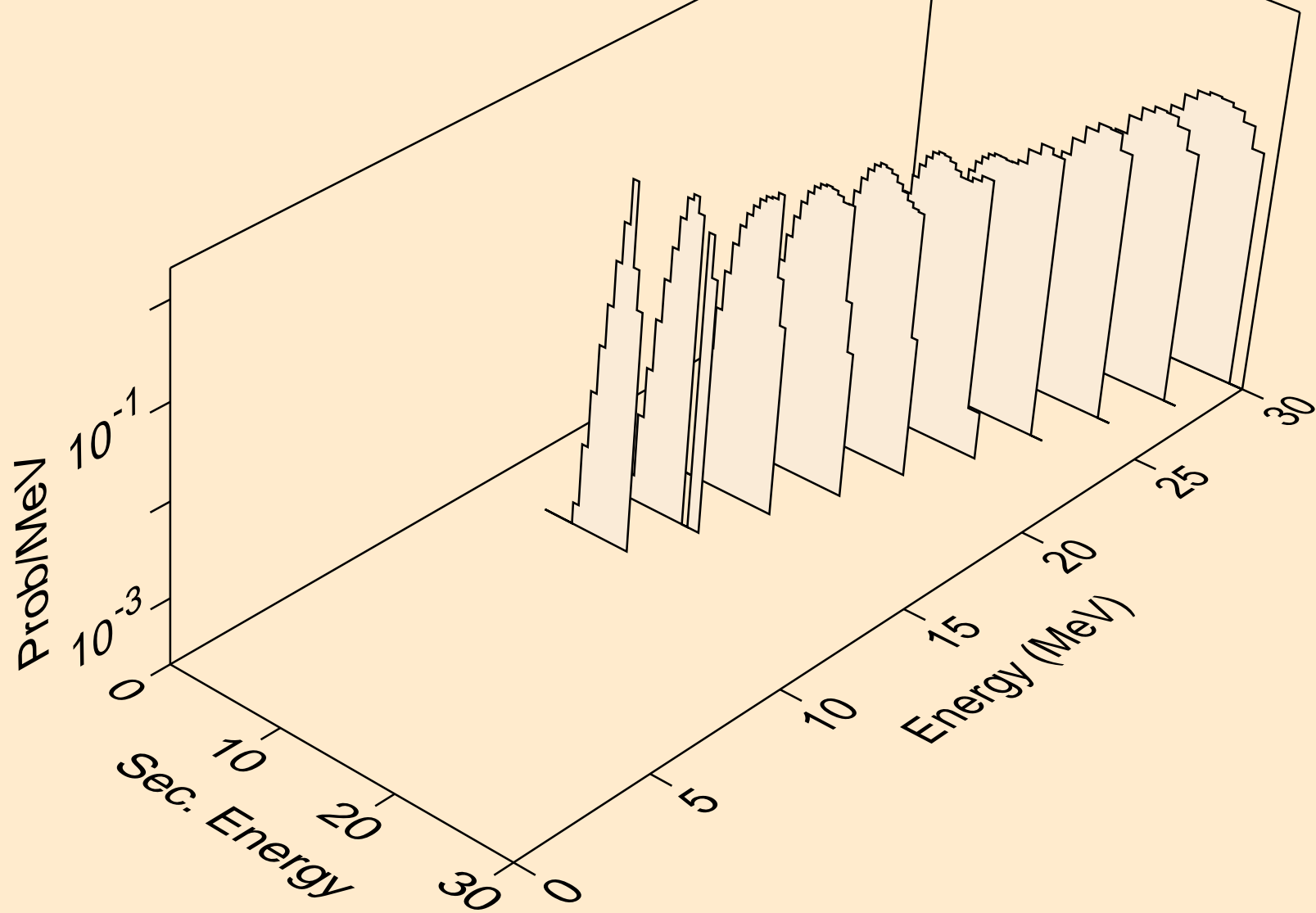
BI198N ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



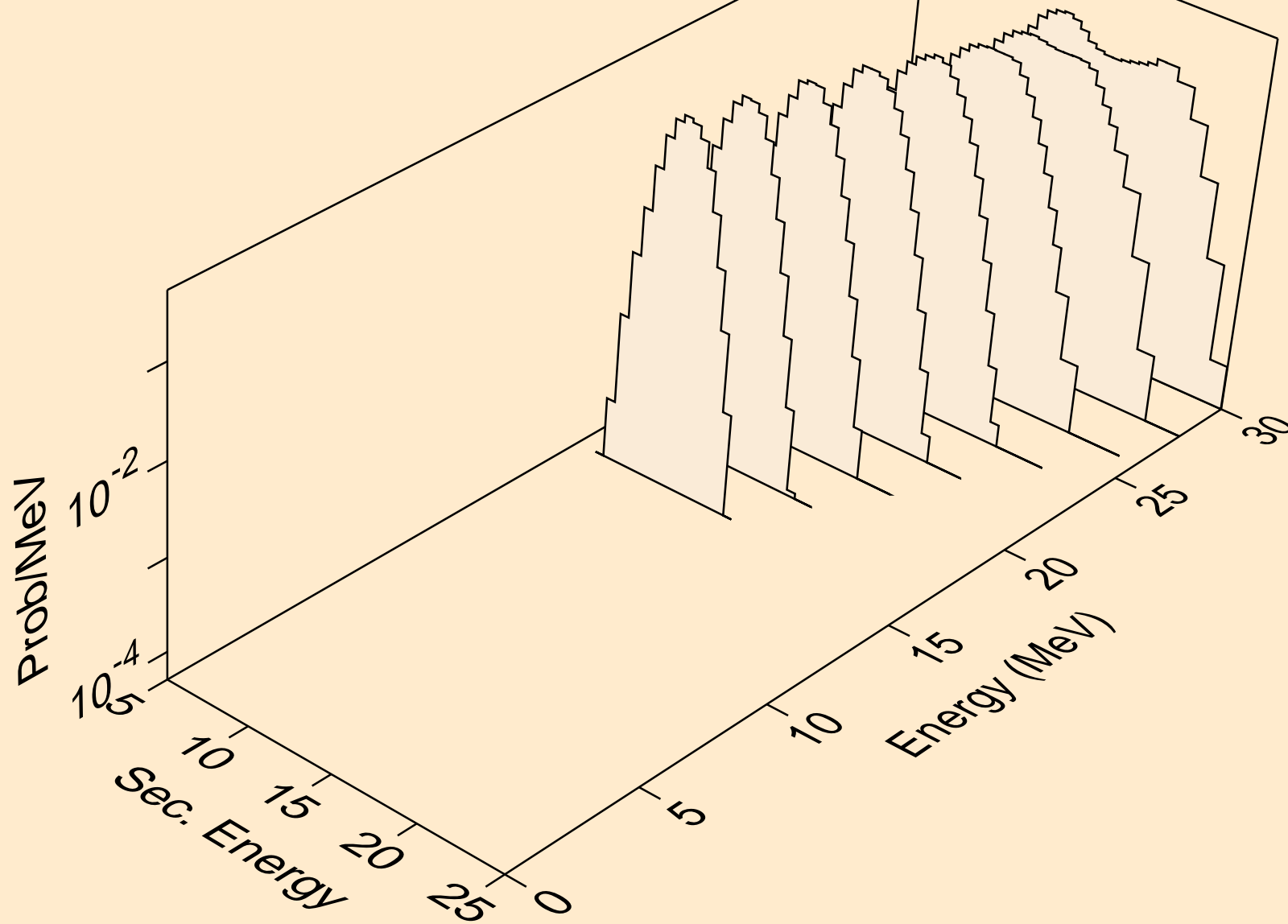
BI198N ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



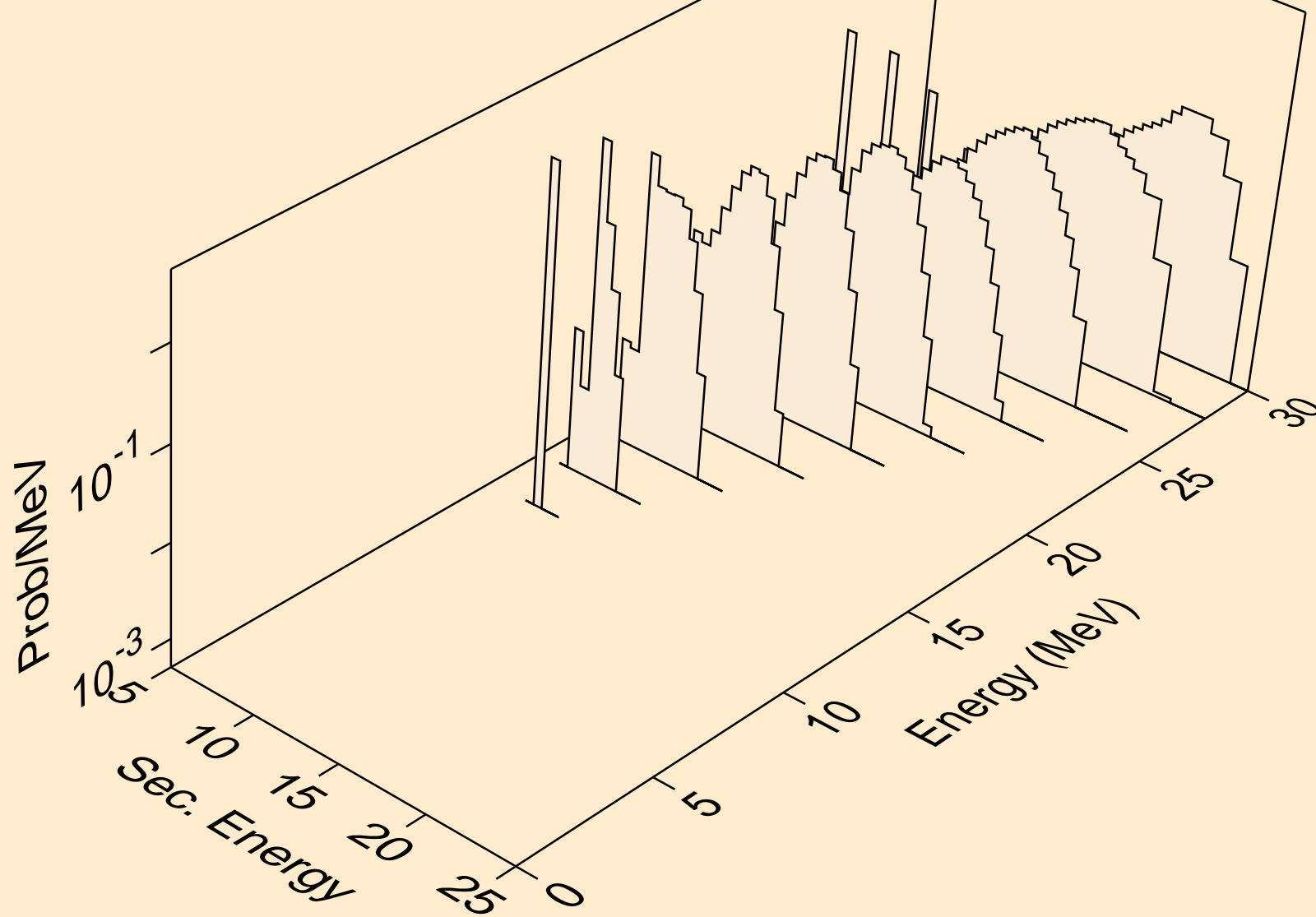
BI198N ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic



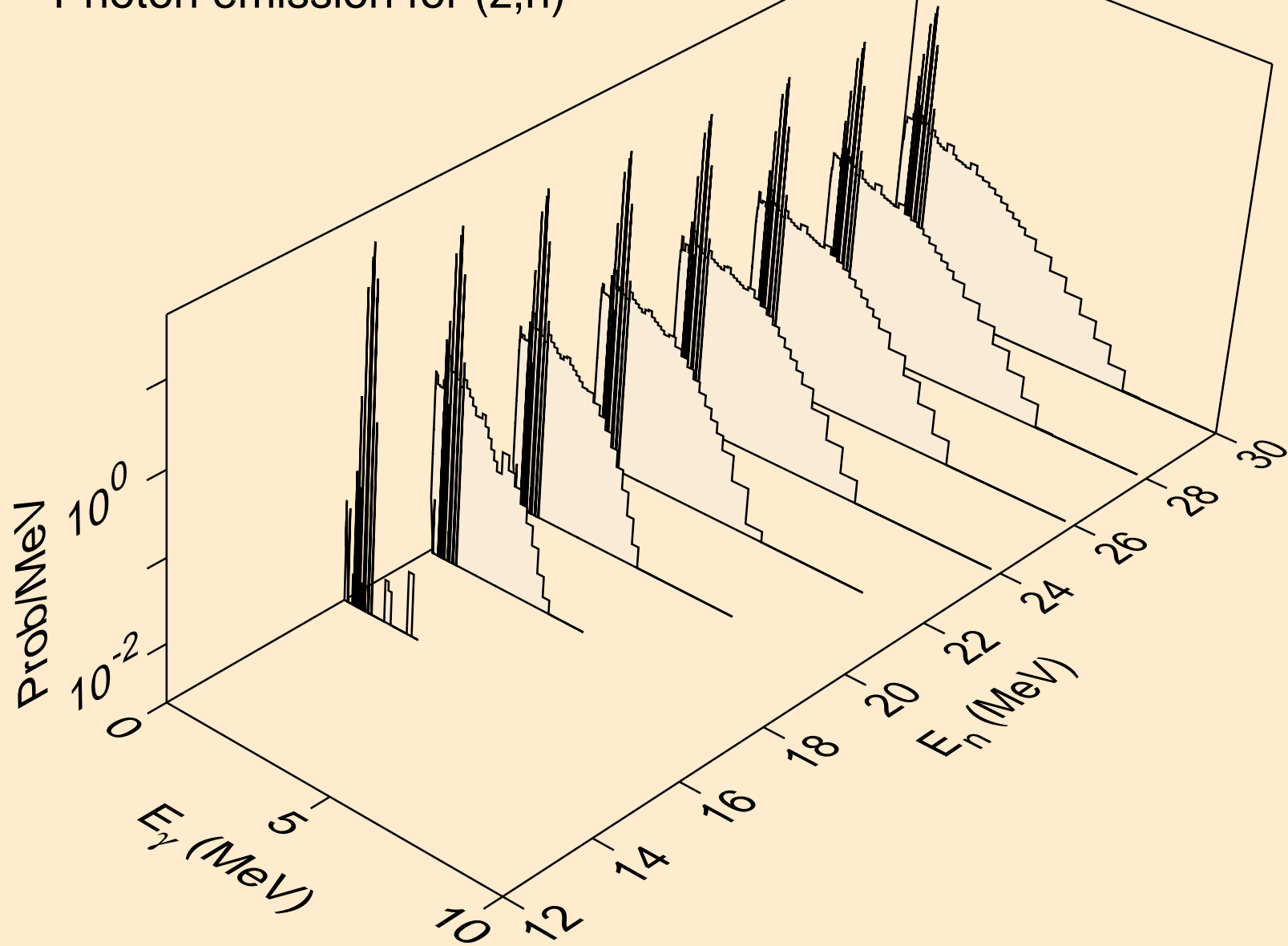
BI198N ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2a)



BI198N ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,pa)

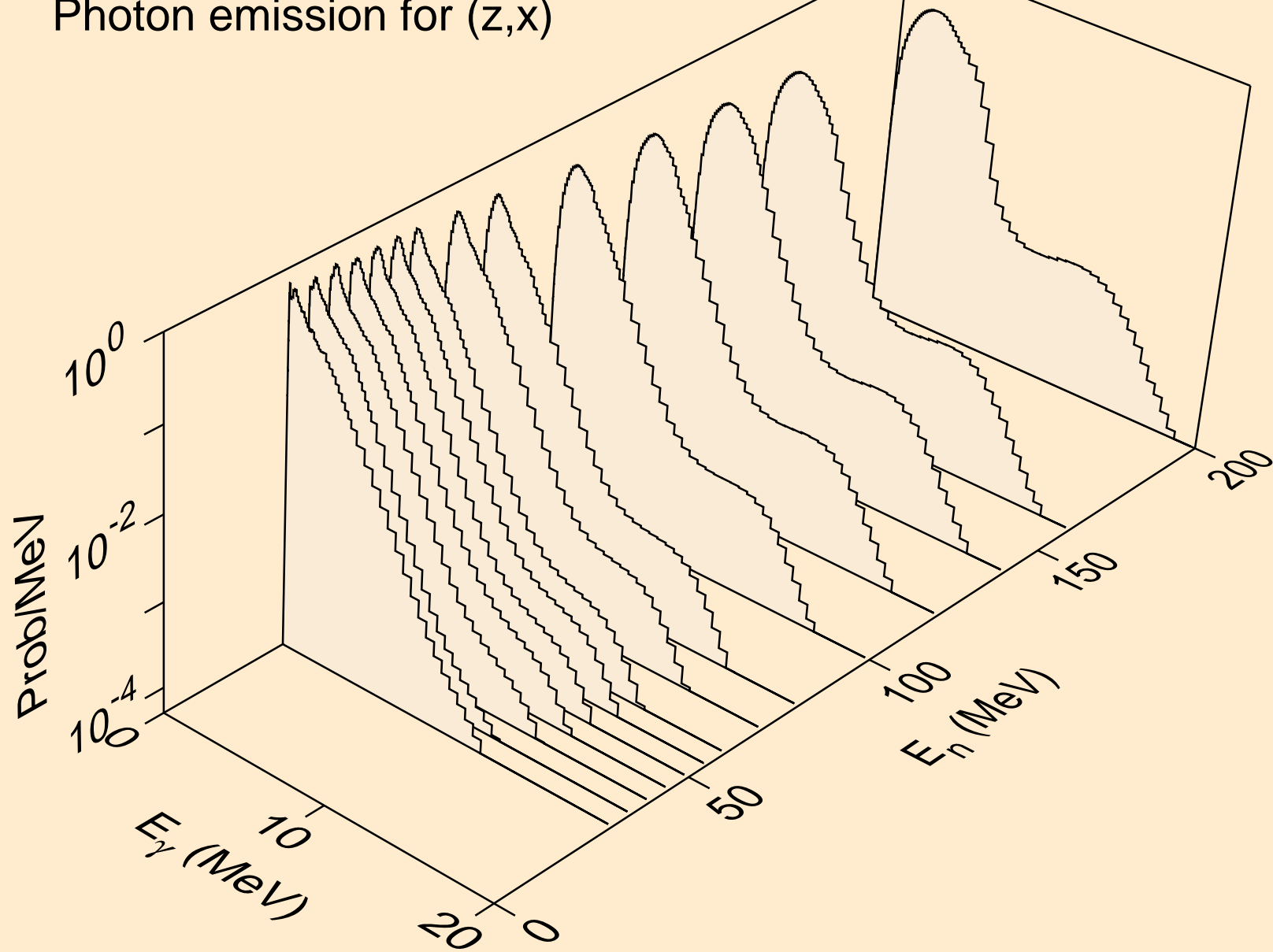


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Photon emission for (z,n)

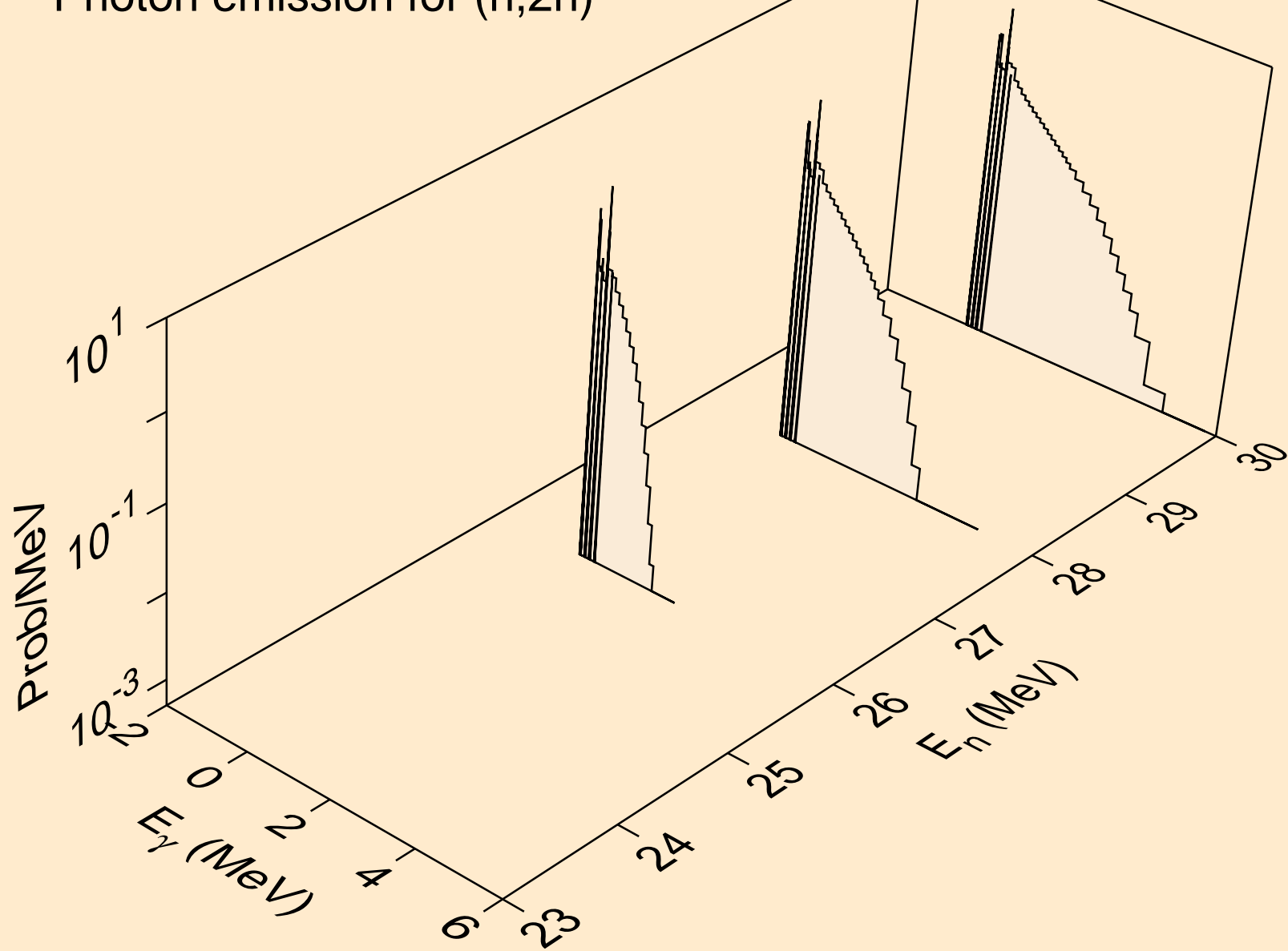




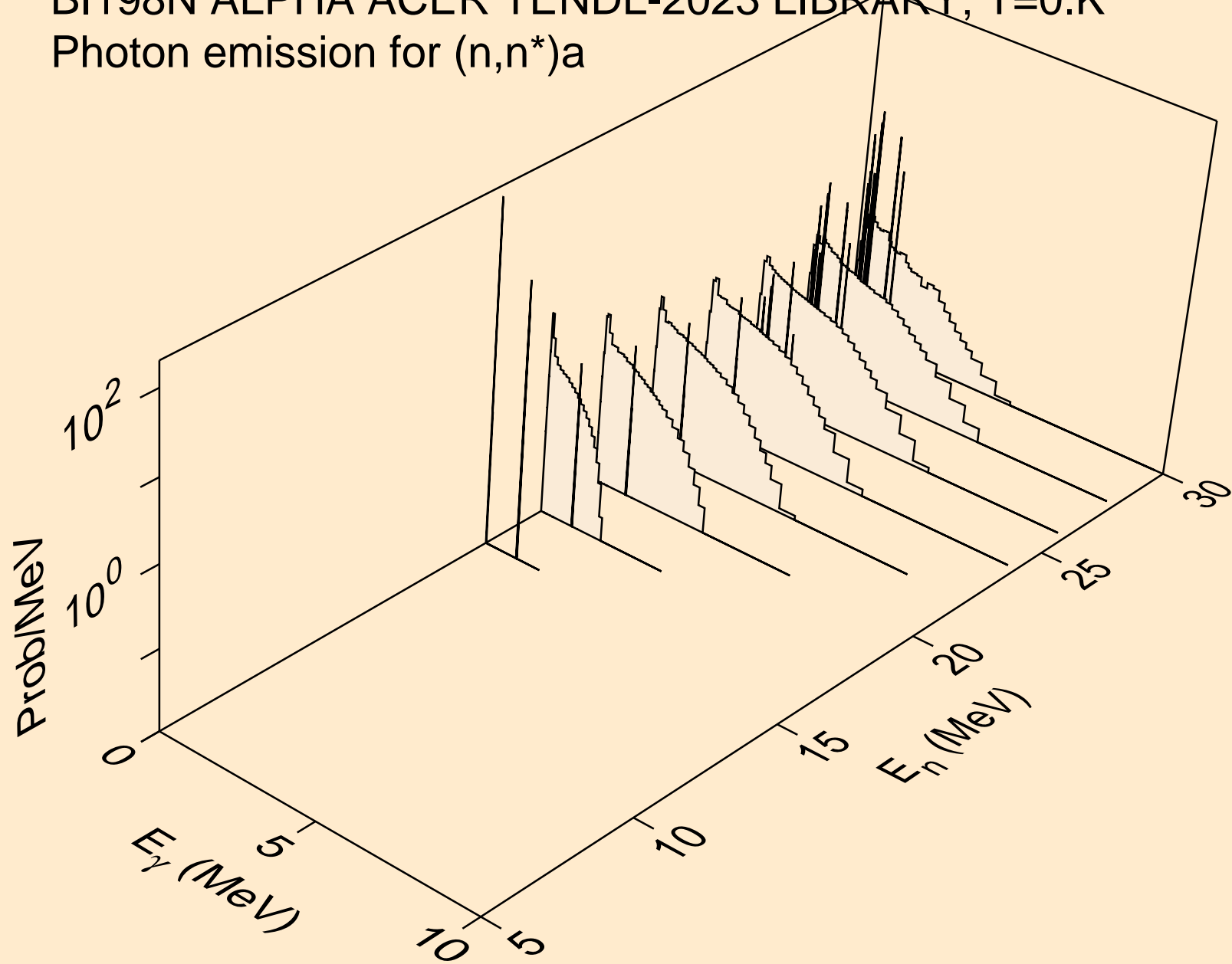
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Photon emission for (z,x)



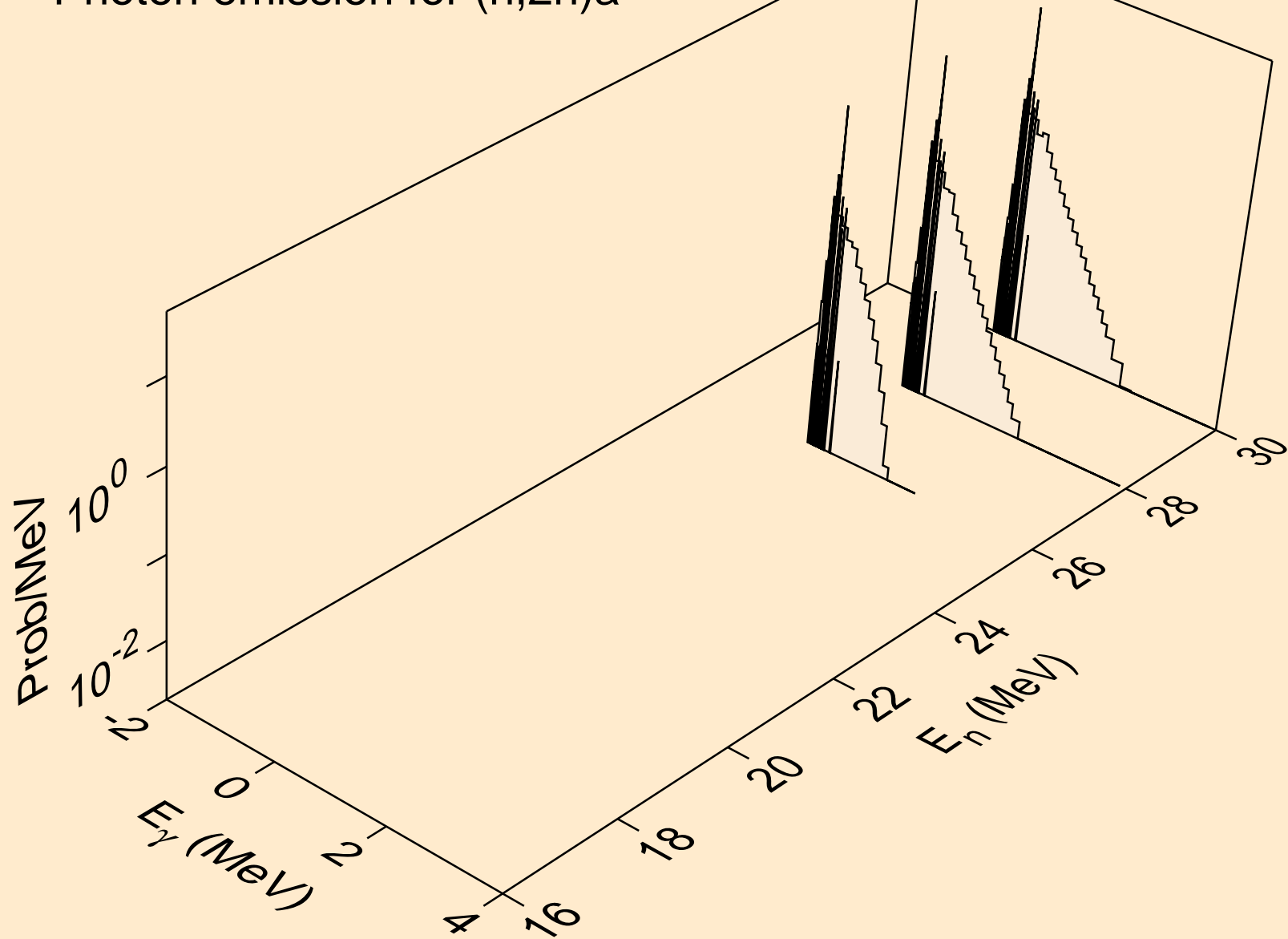
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Photon emission for (n,2n)



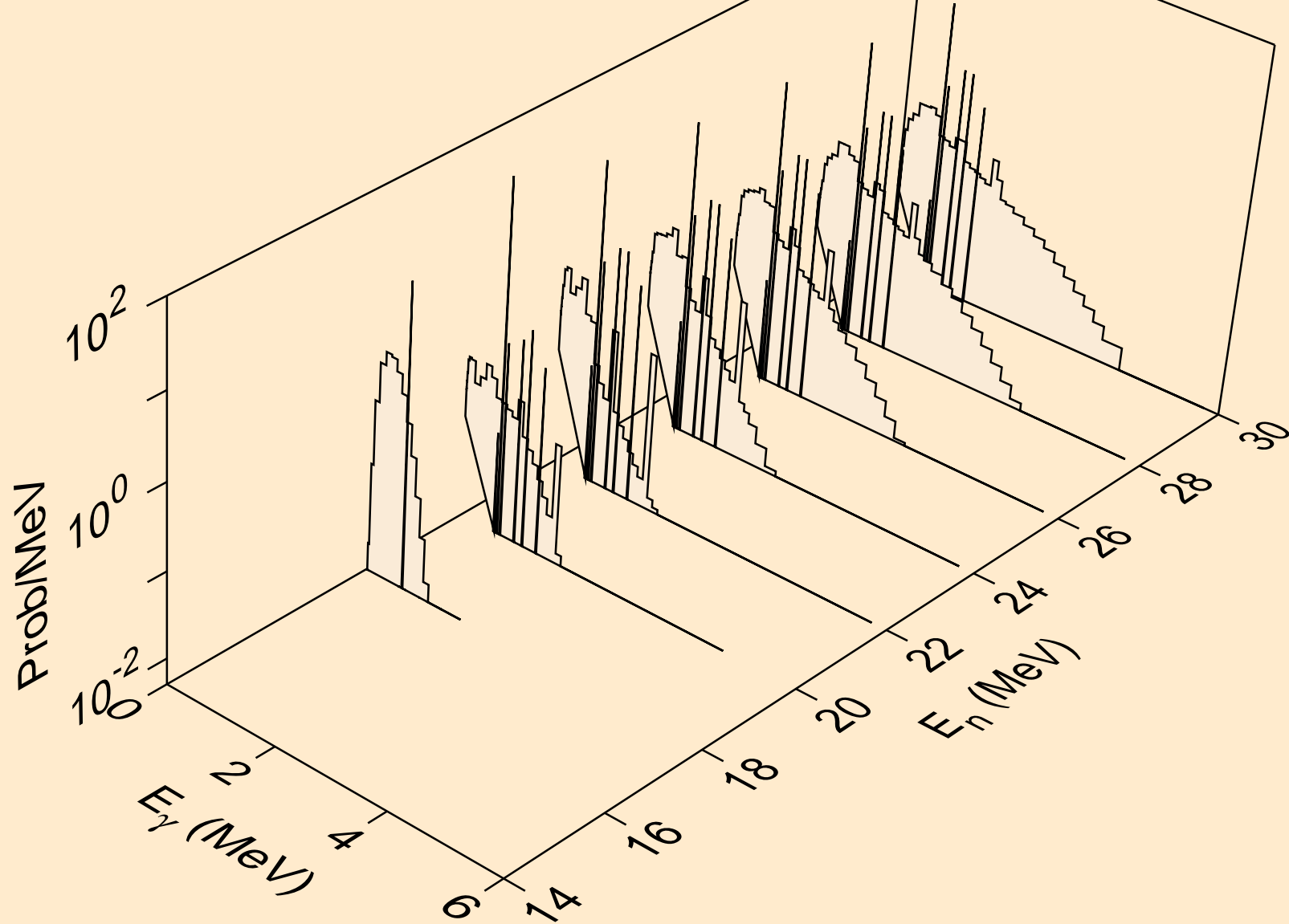
BI198N ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



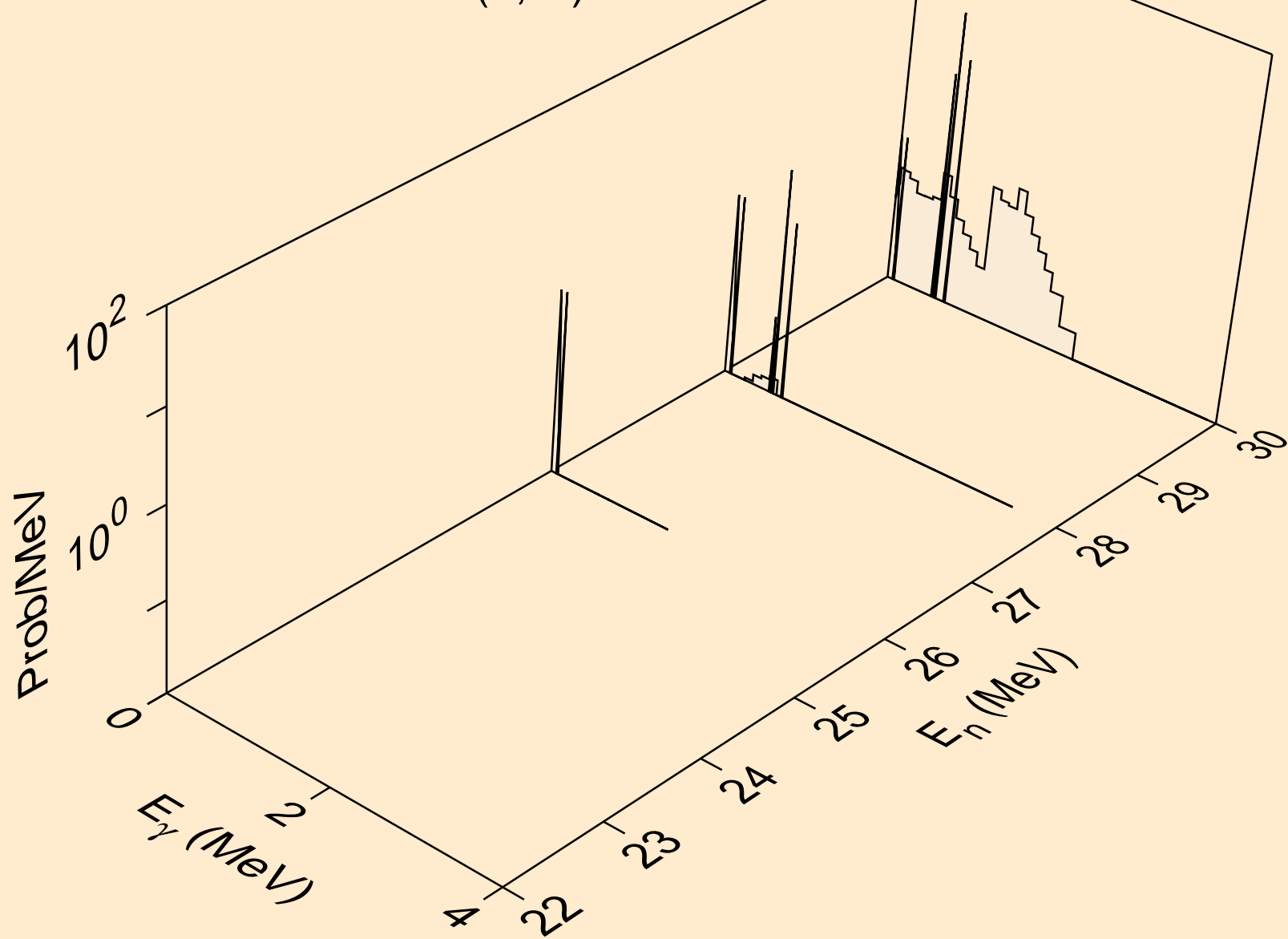
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Photon emission for (n,2n)a



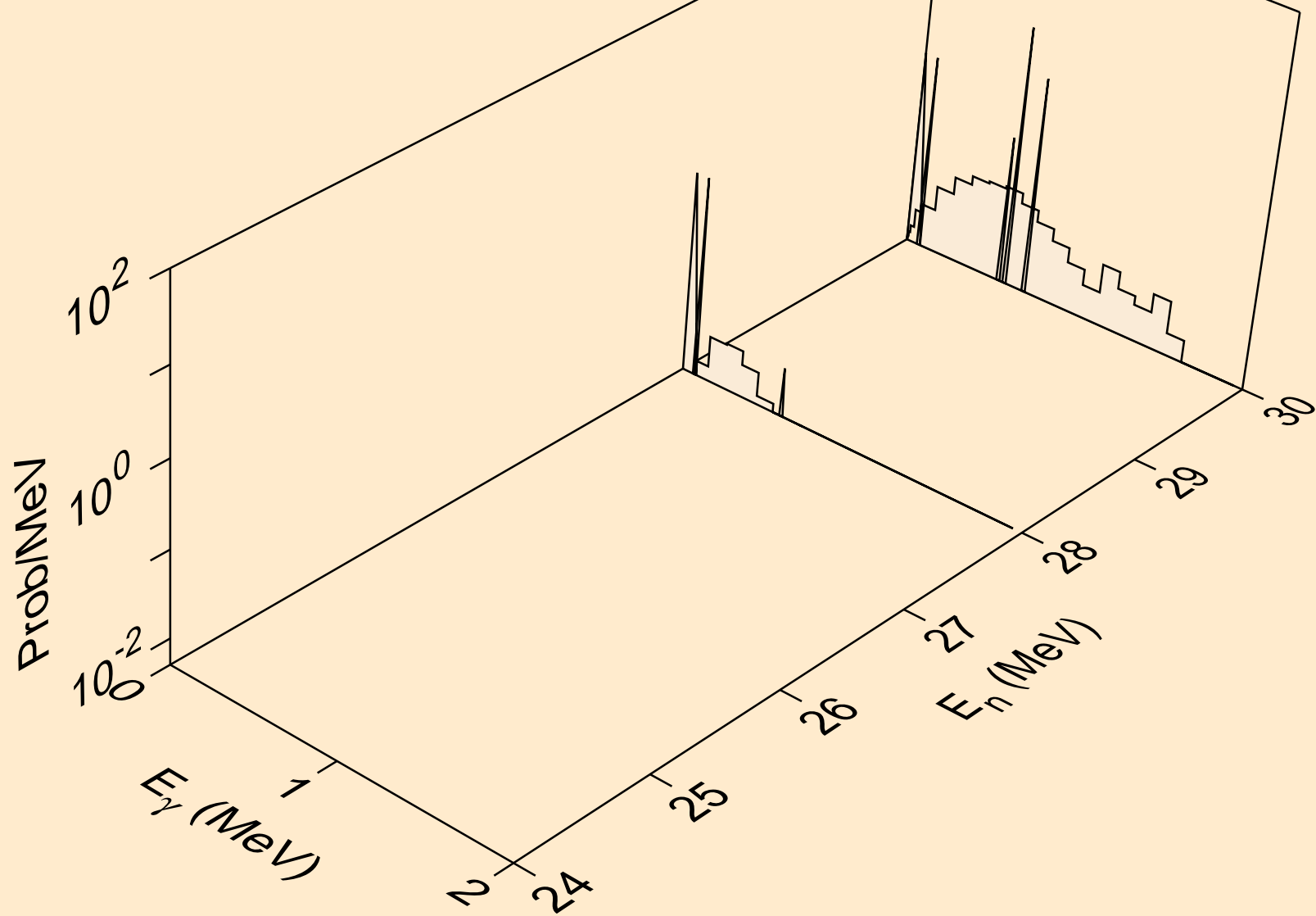
BI198N ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



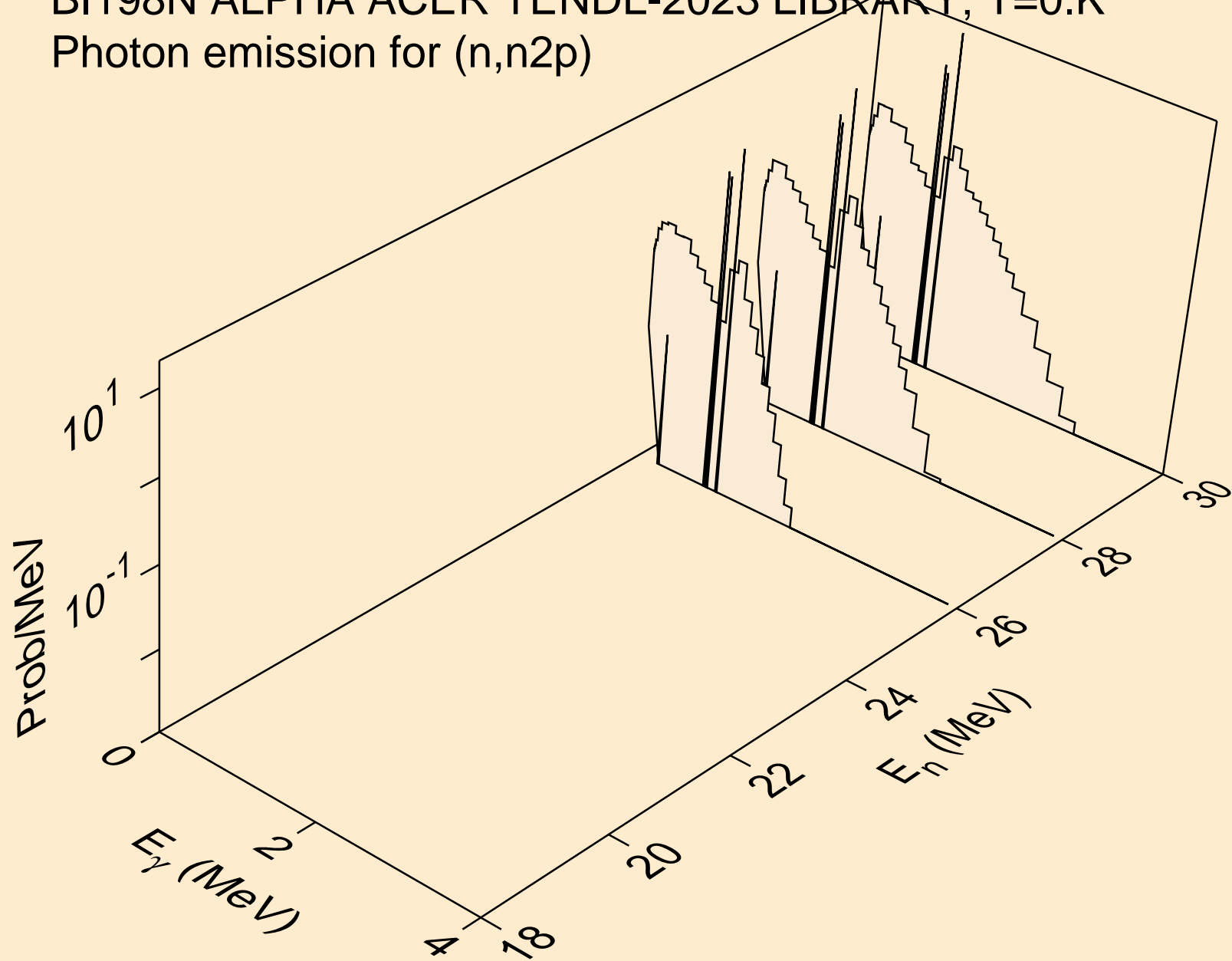
BI198N ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



BI198N ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

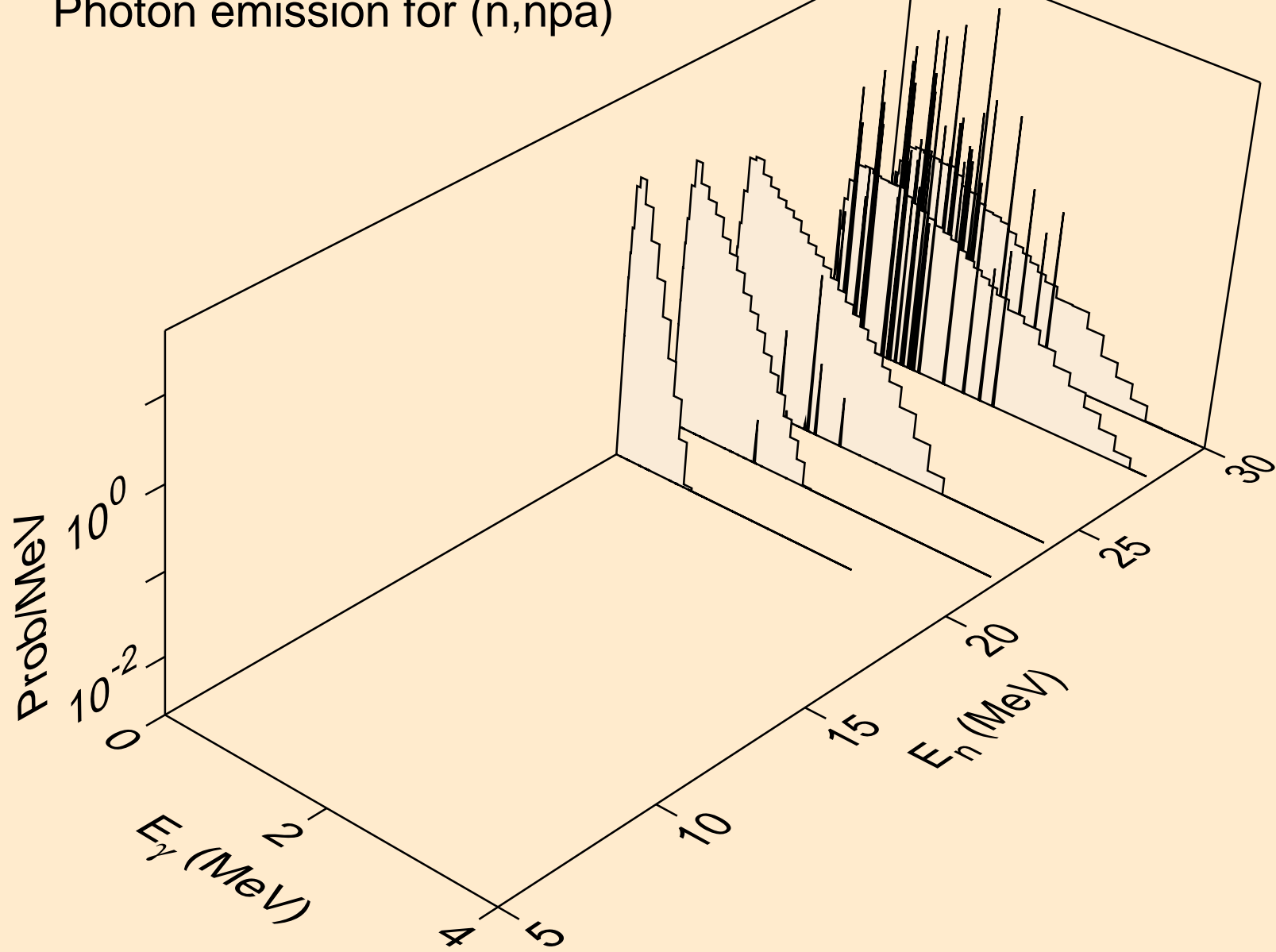


BI198N ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)

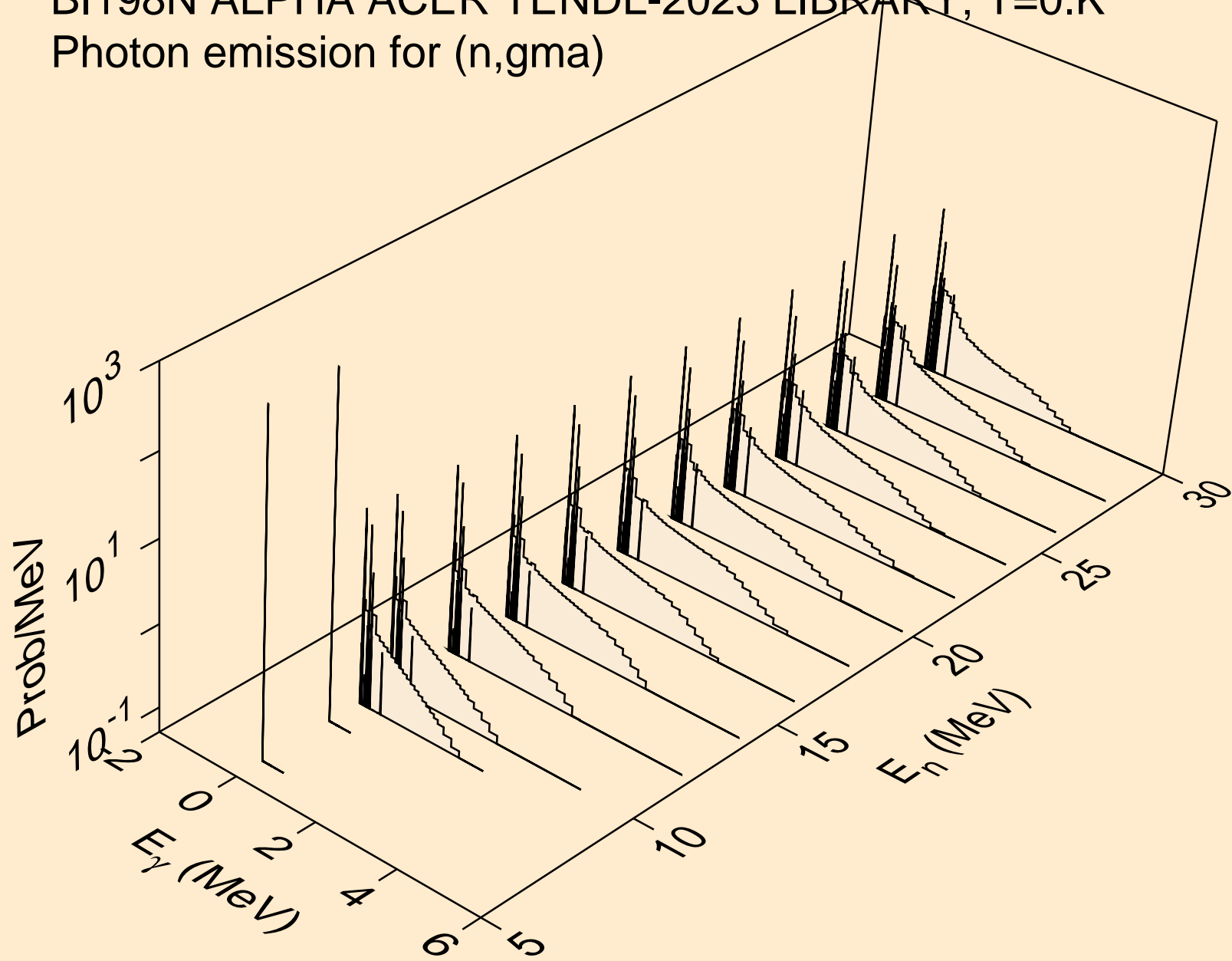




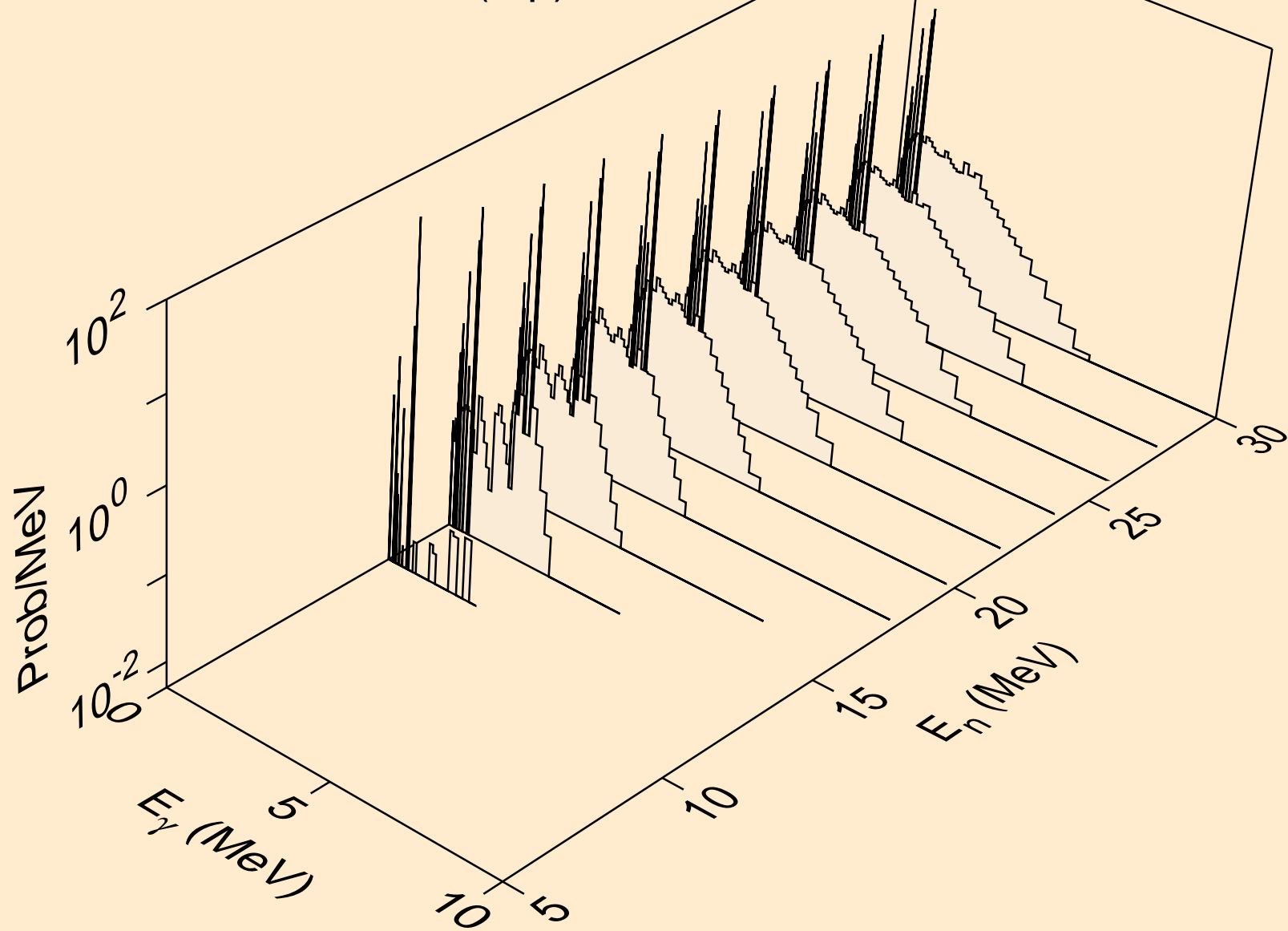
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Photon emission for (n,npa)



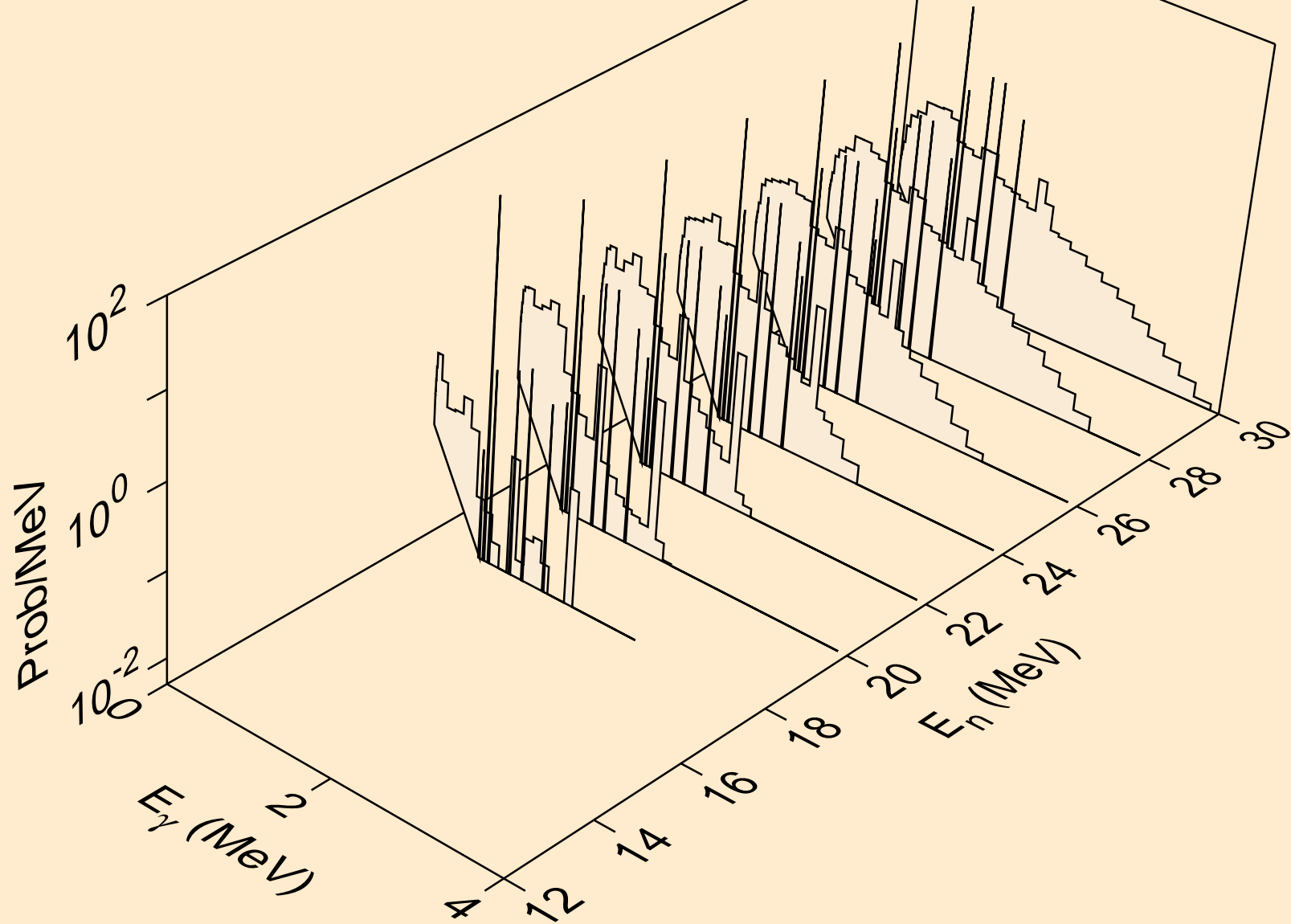
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Photon emission for (n,gma)



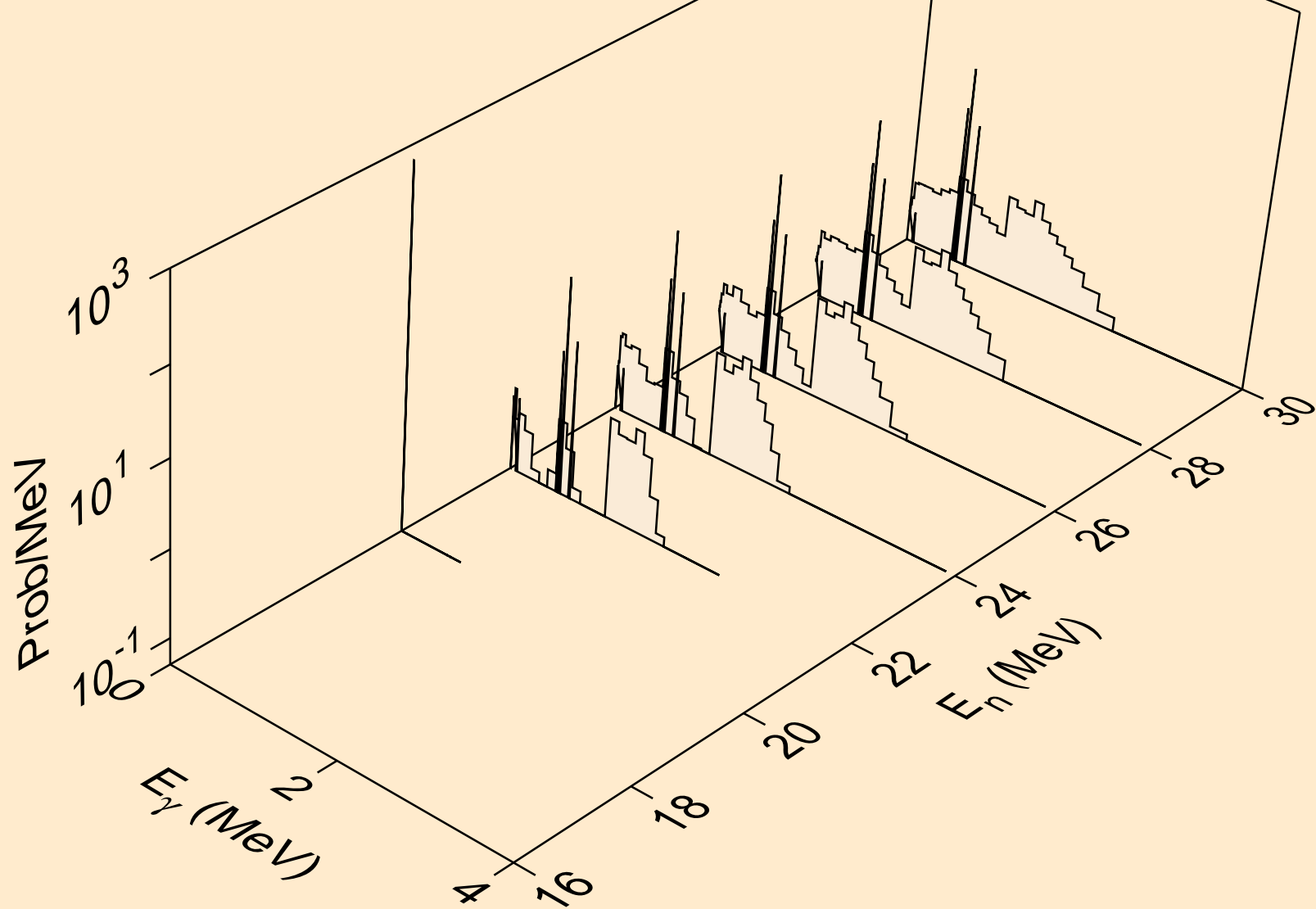
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Photon emission for (n,p)



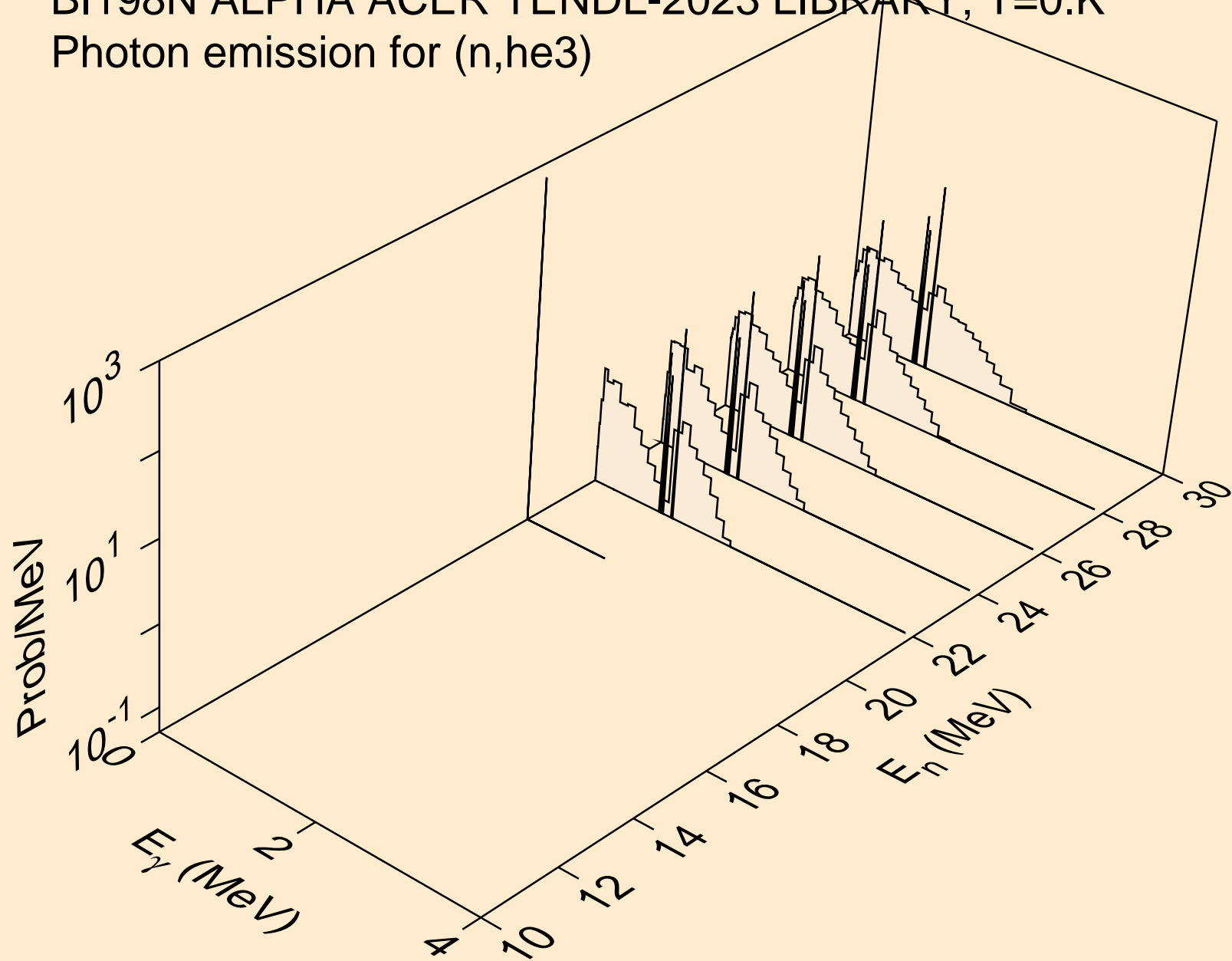
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Photon emission for (n,d)



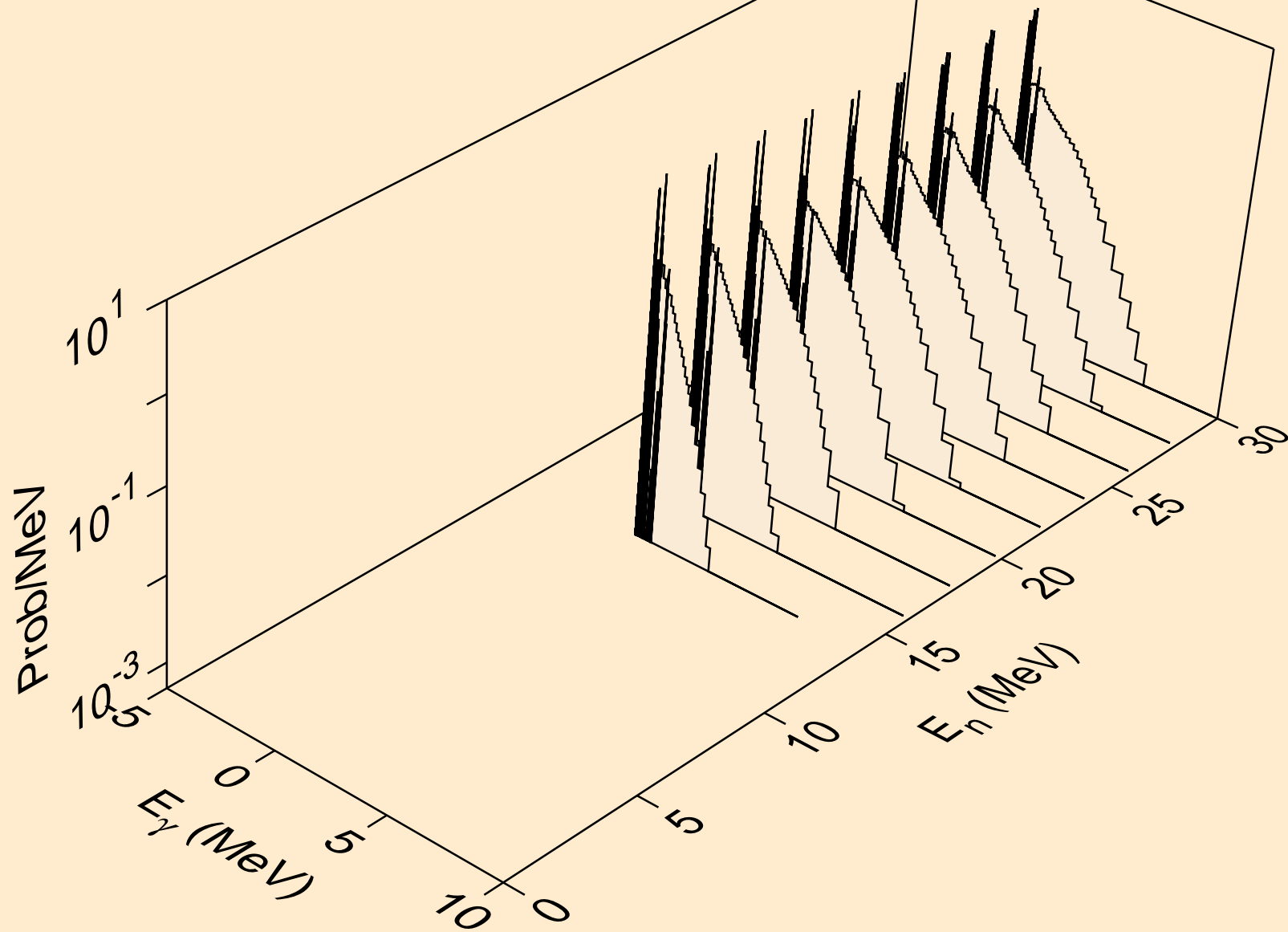
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Photon emission for (n,t)



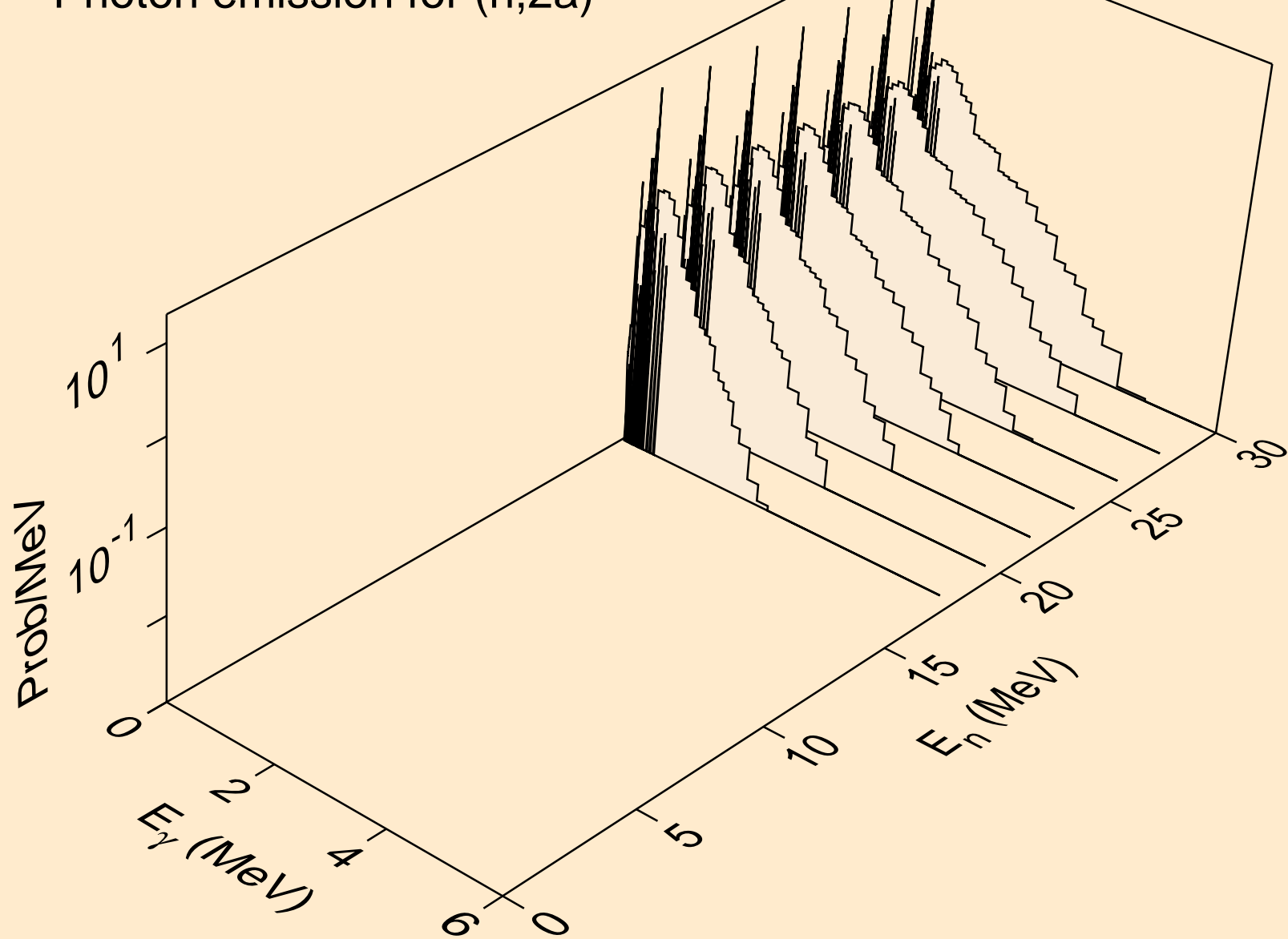
BI198N ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



BI198N ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

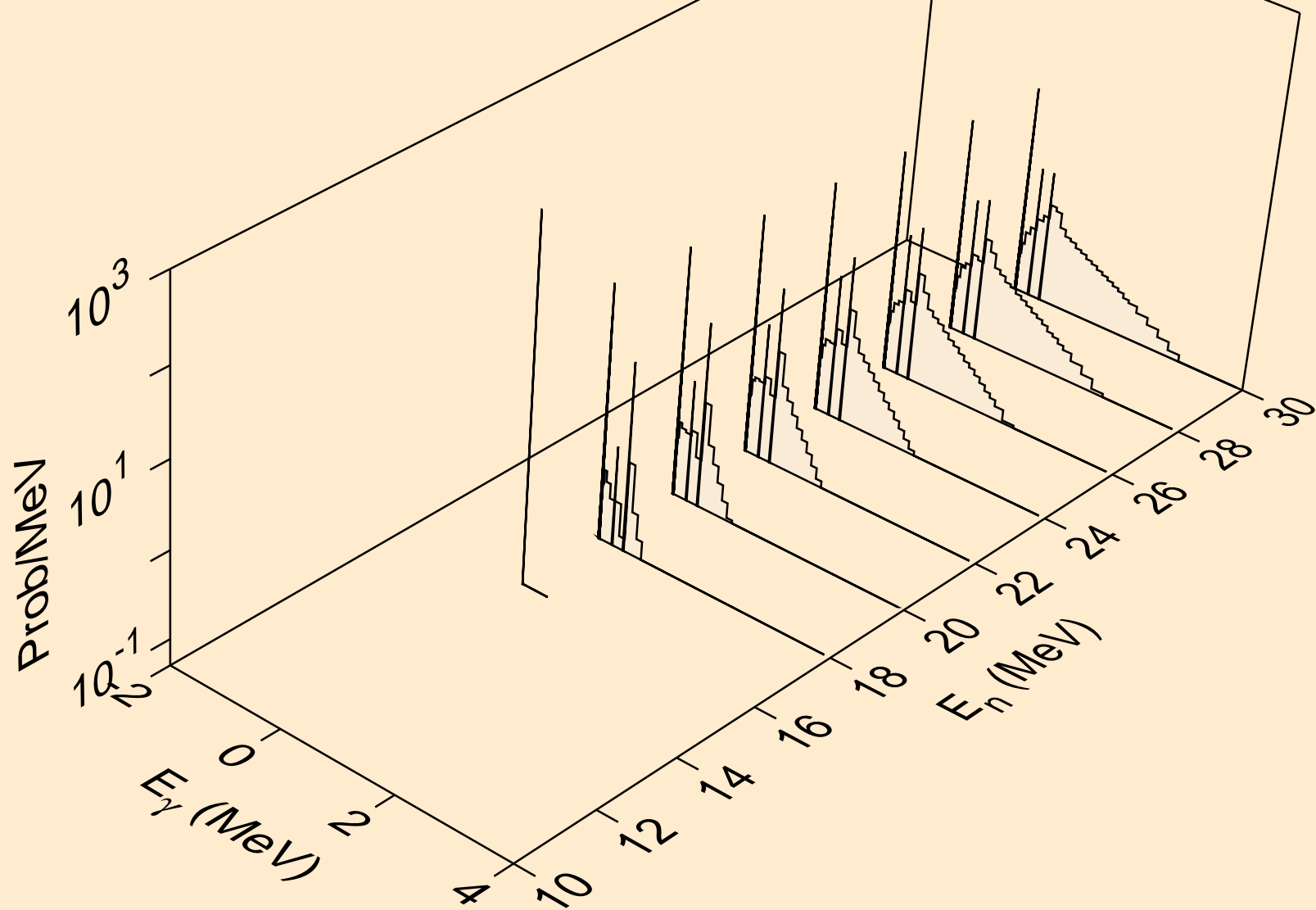


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Photon emission for (n,2a)

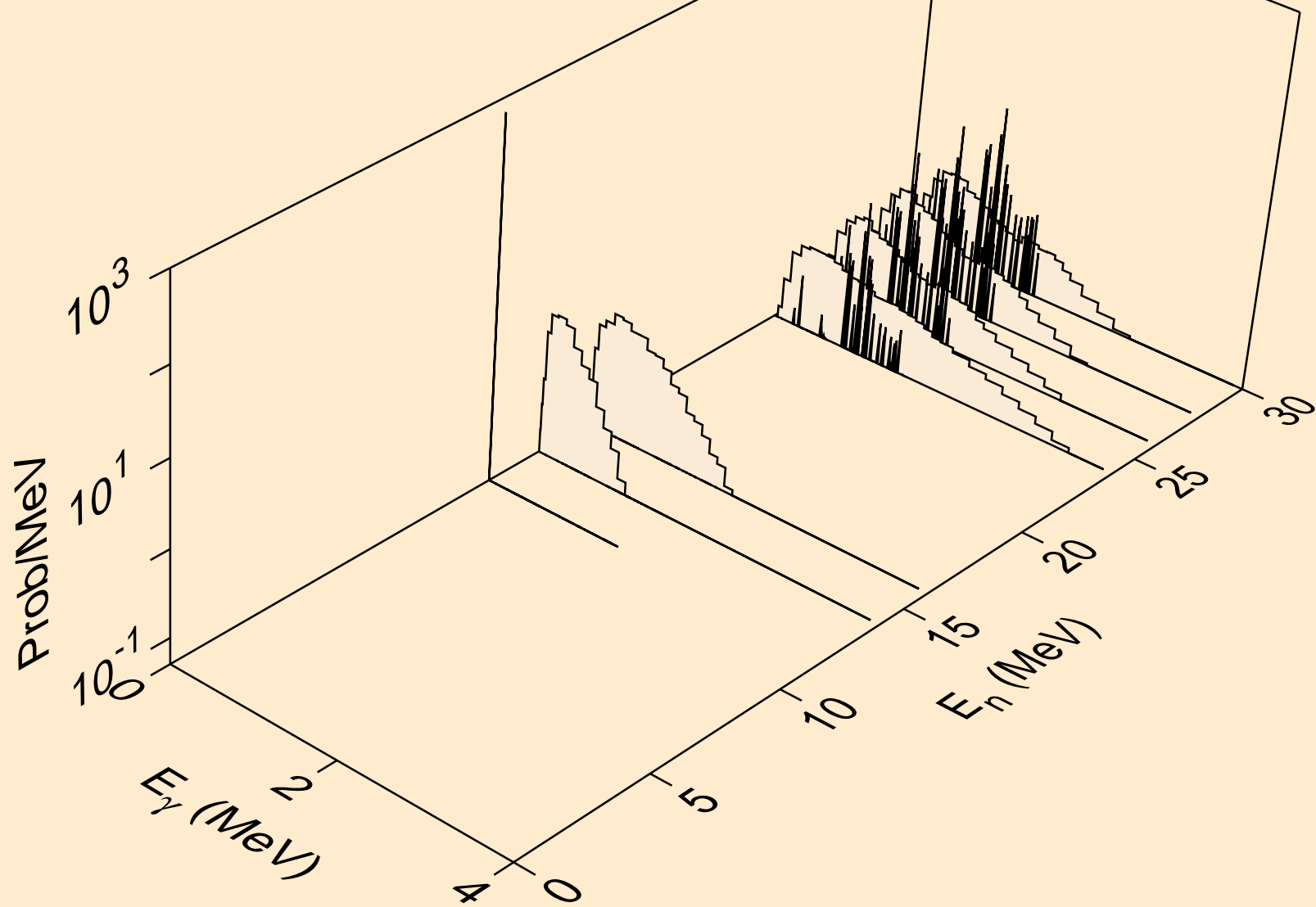




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Photon emission for (n,2p)

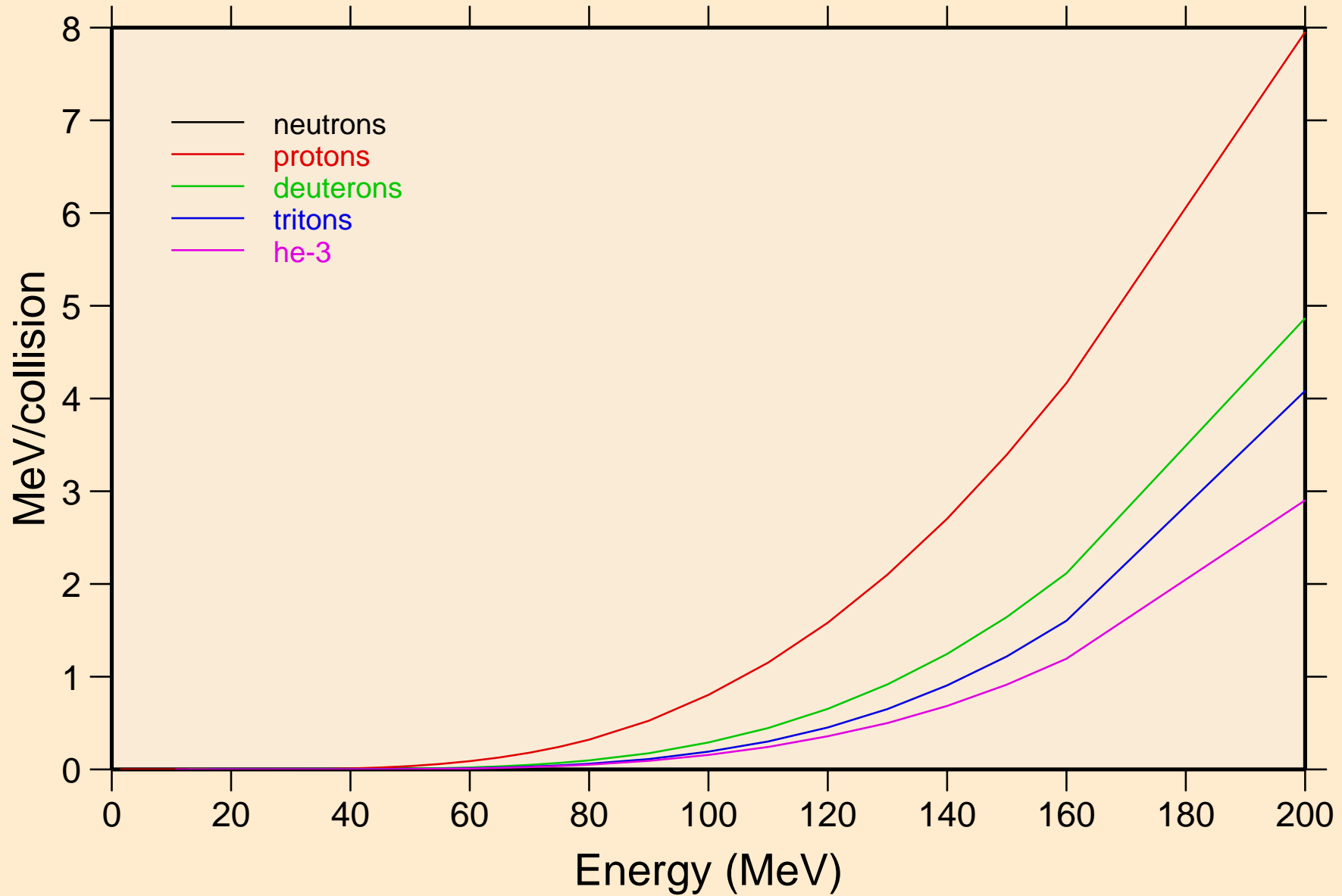


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Photon emission for (n,pa)



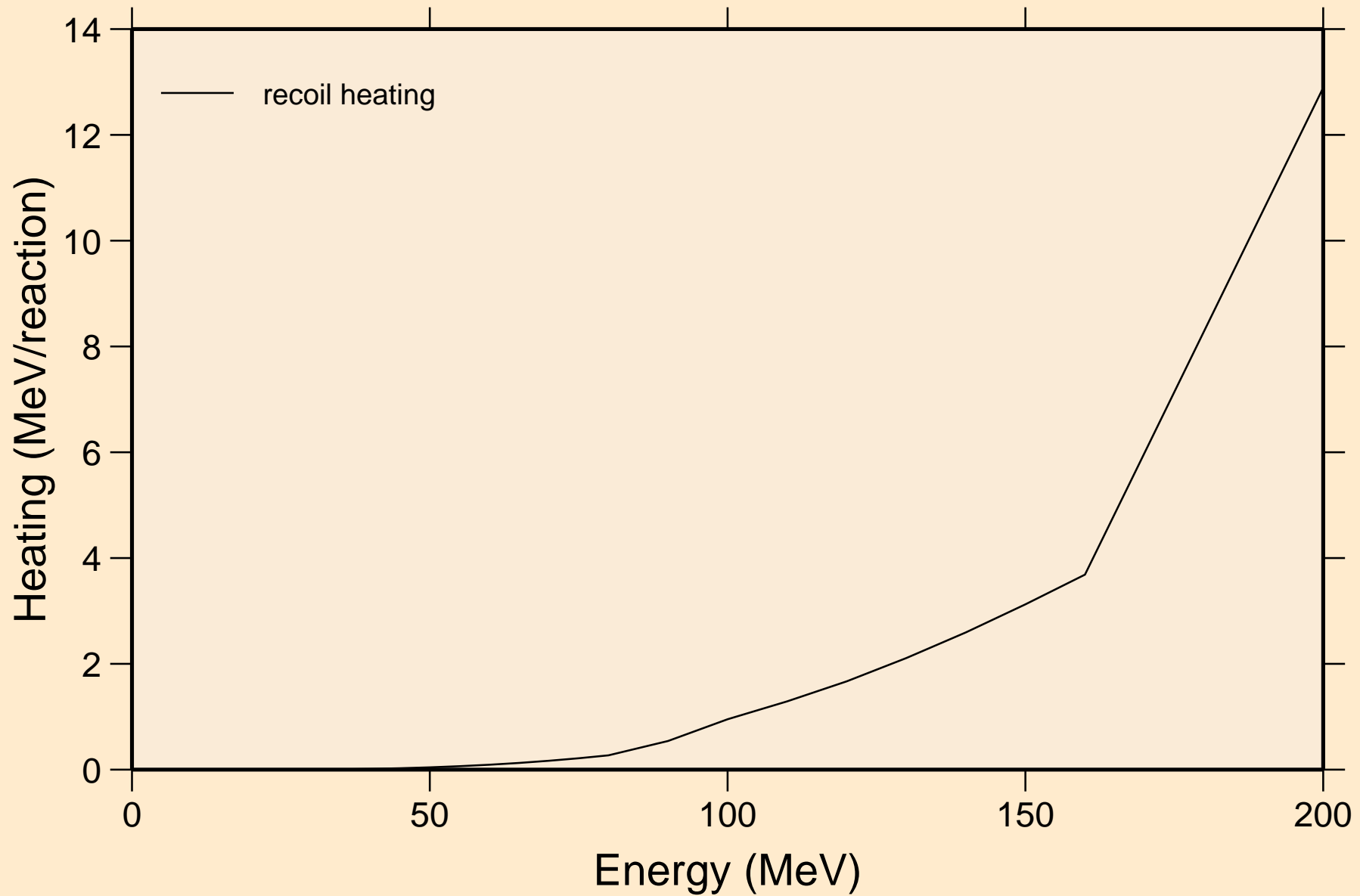
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## Particle heating contributions

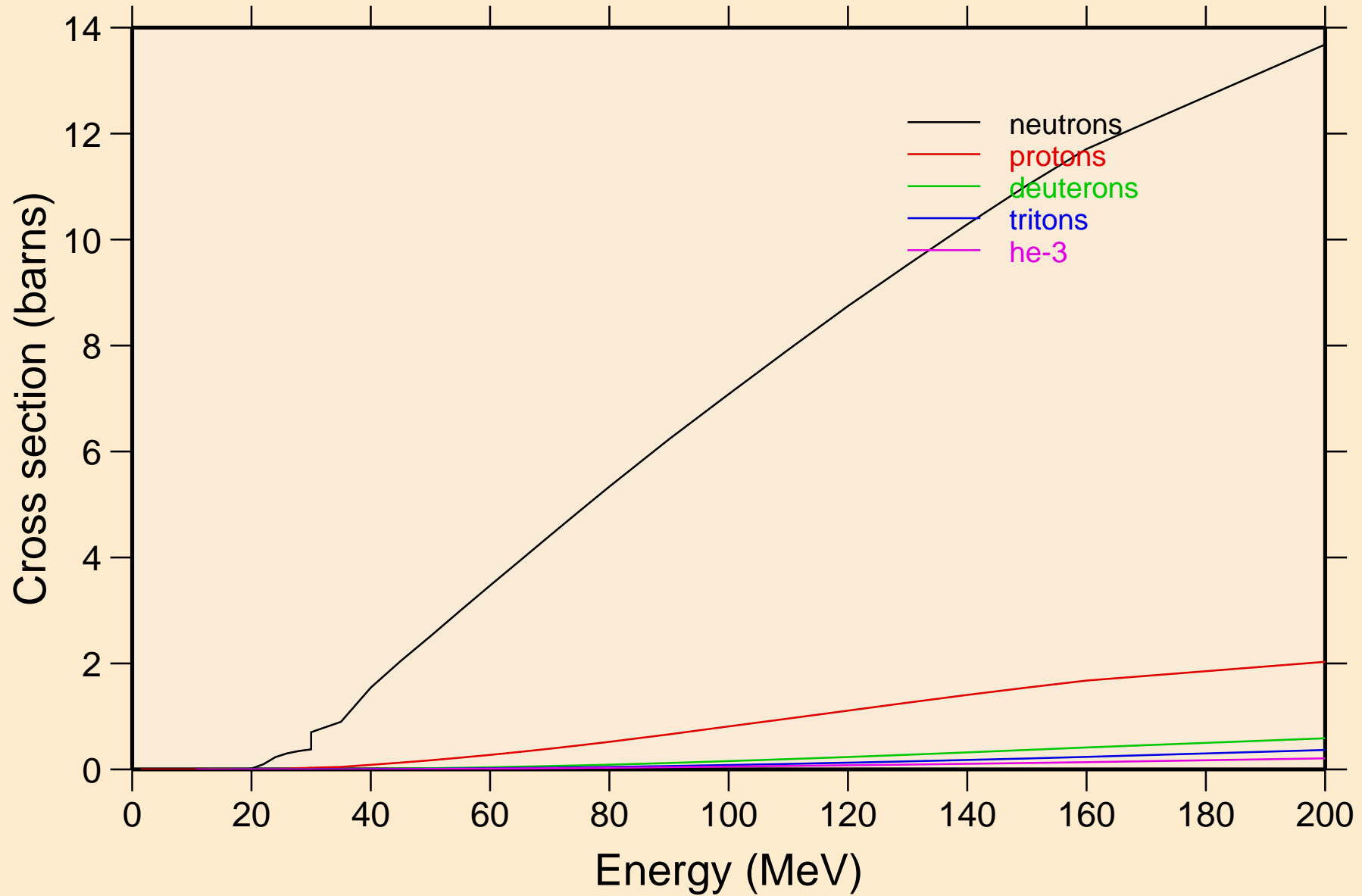


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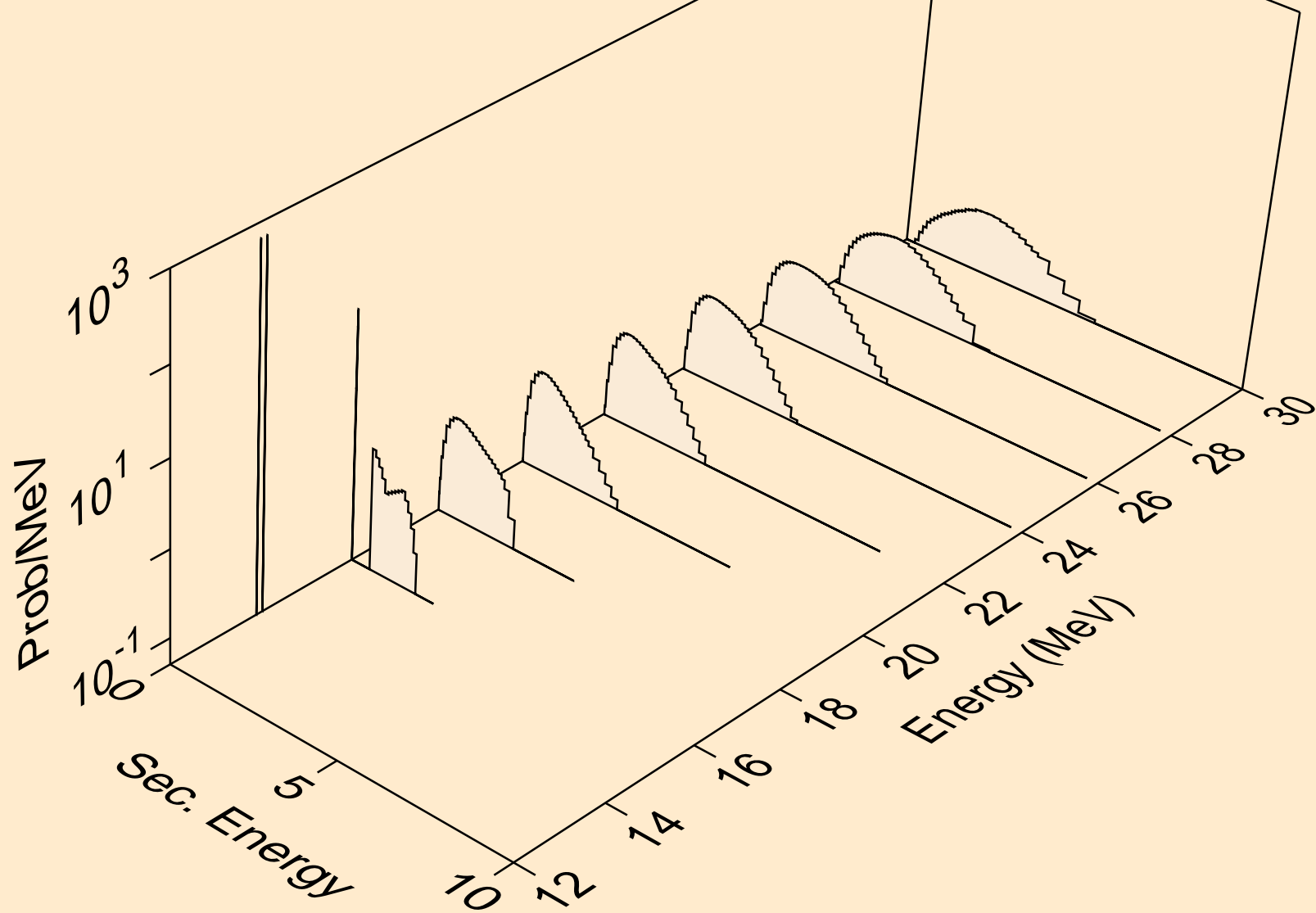
Recoil Heating



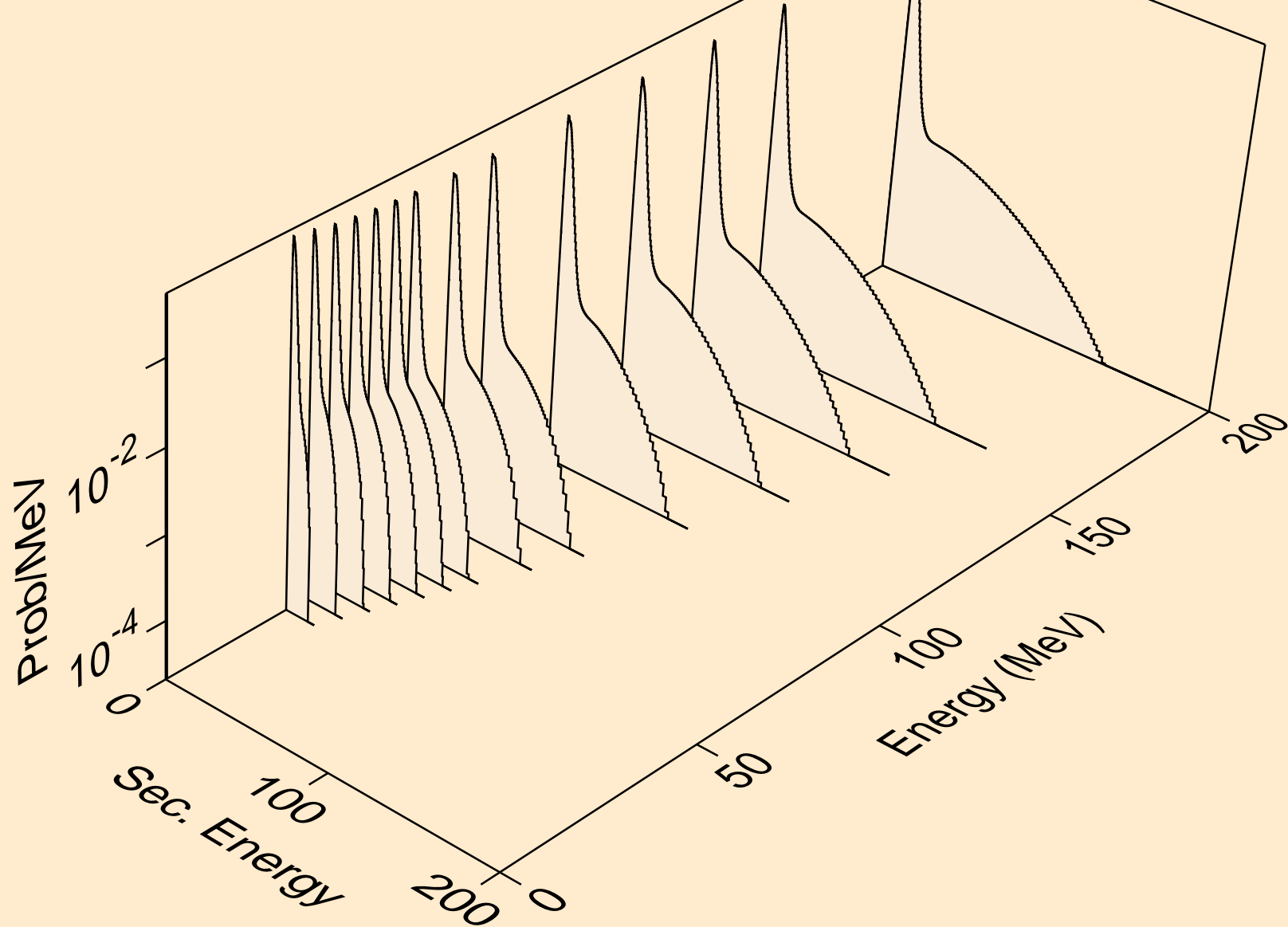
BI198N ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



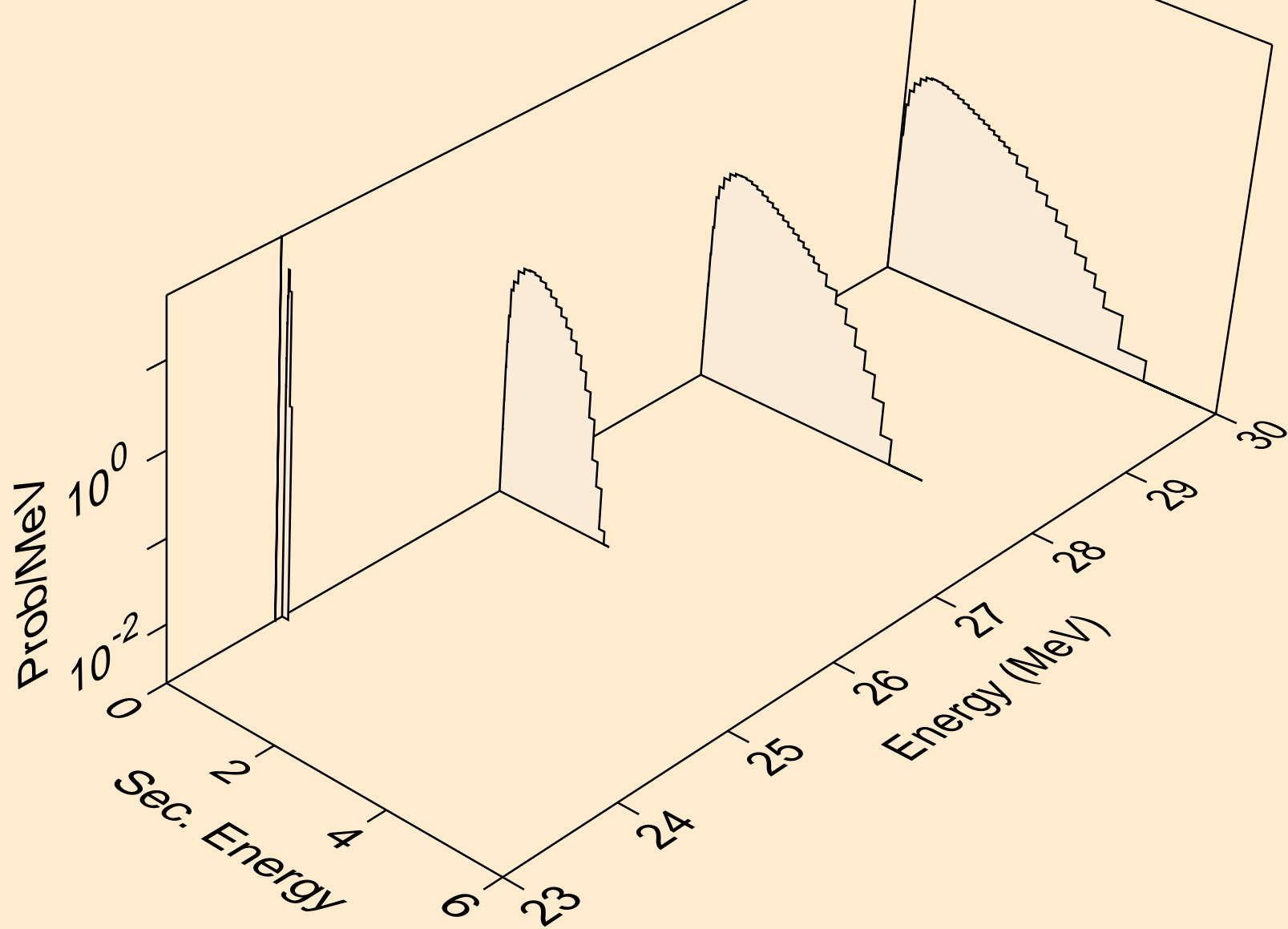
BI198N ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)



BI198N ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)

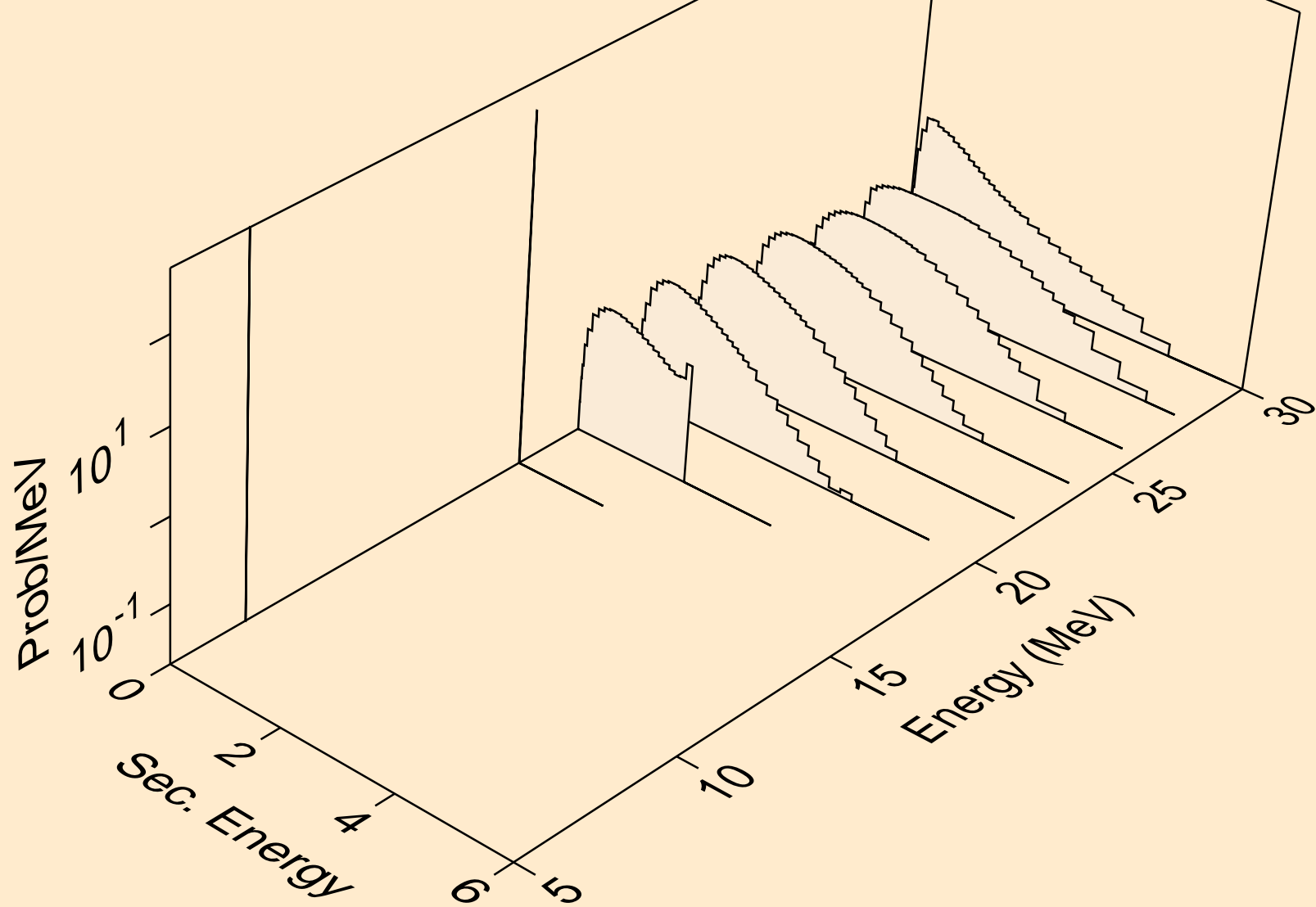


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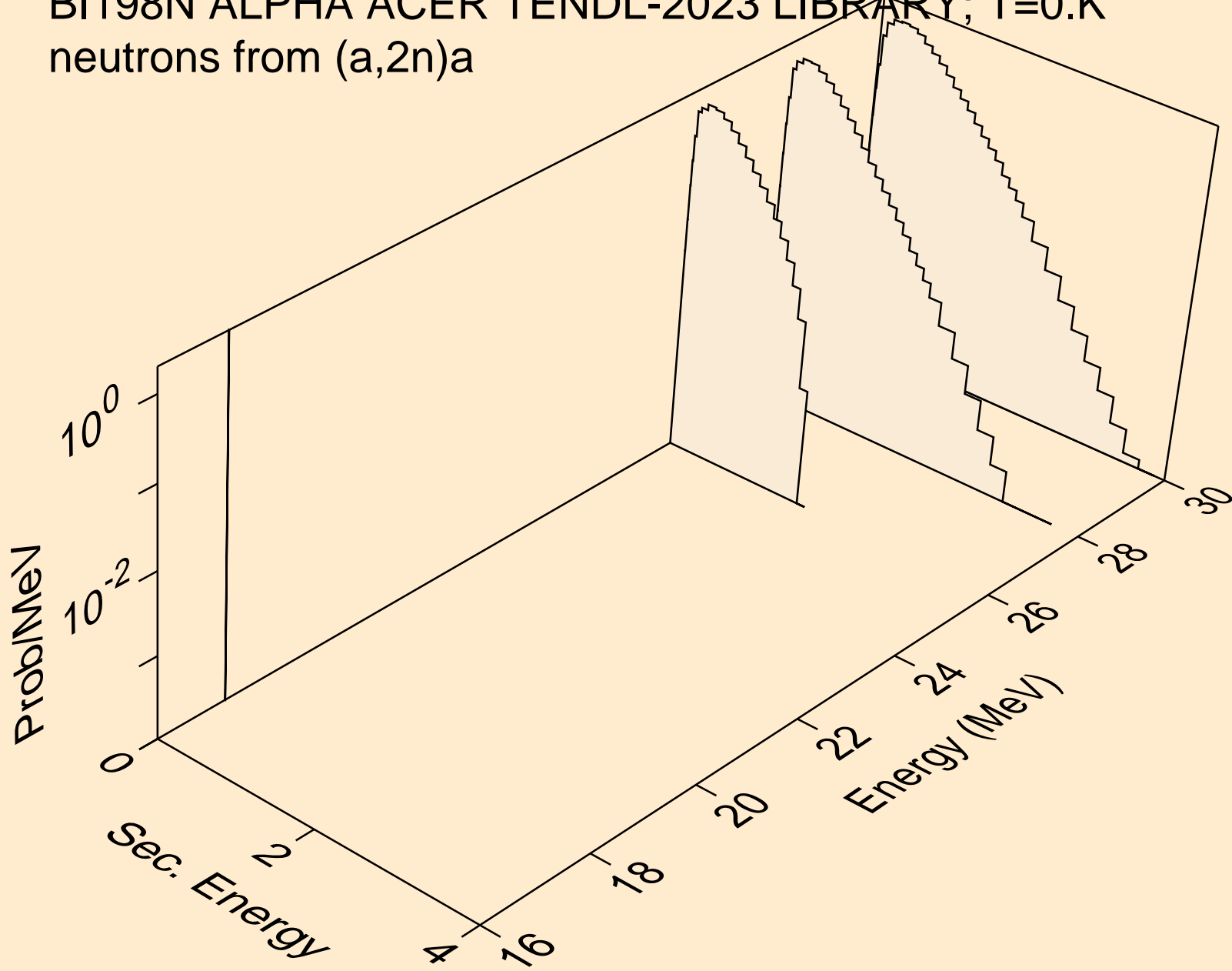




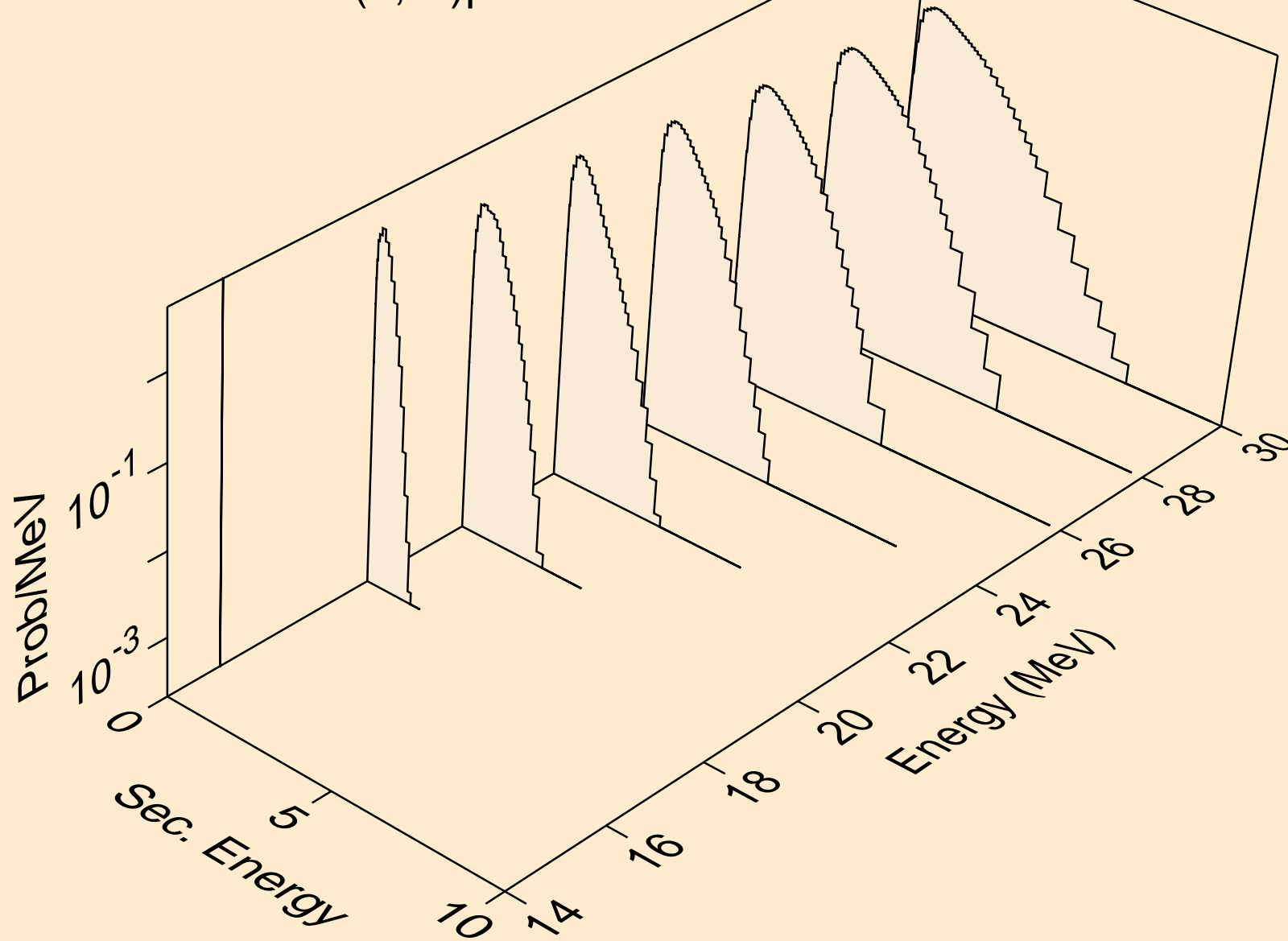
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neutrons from (a,n\*)a



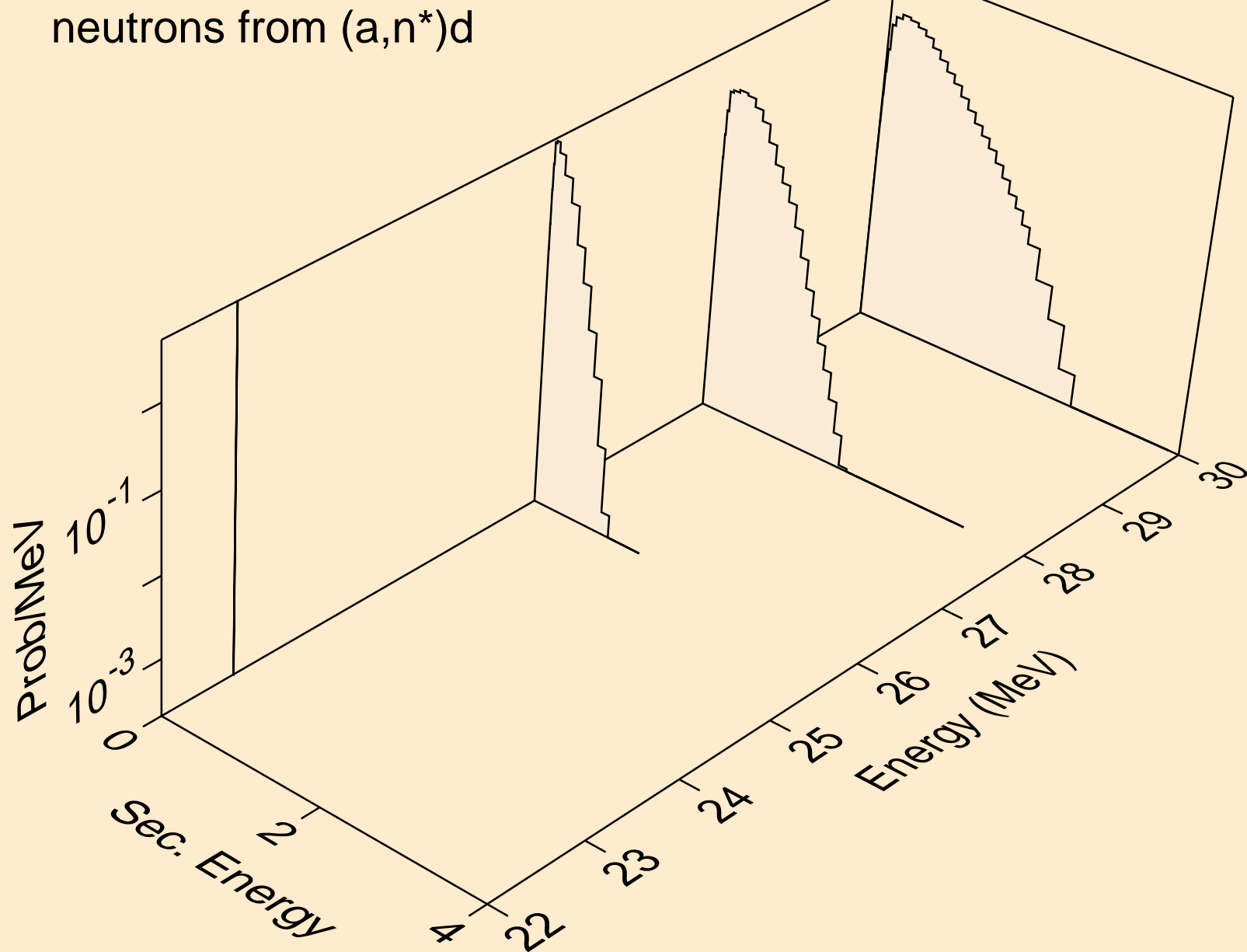
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neutrons from (a,2n)a



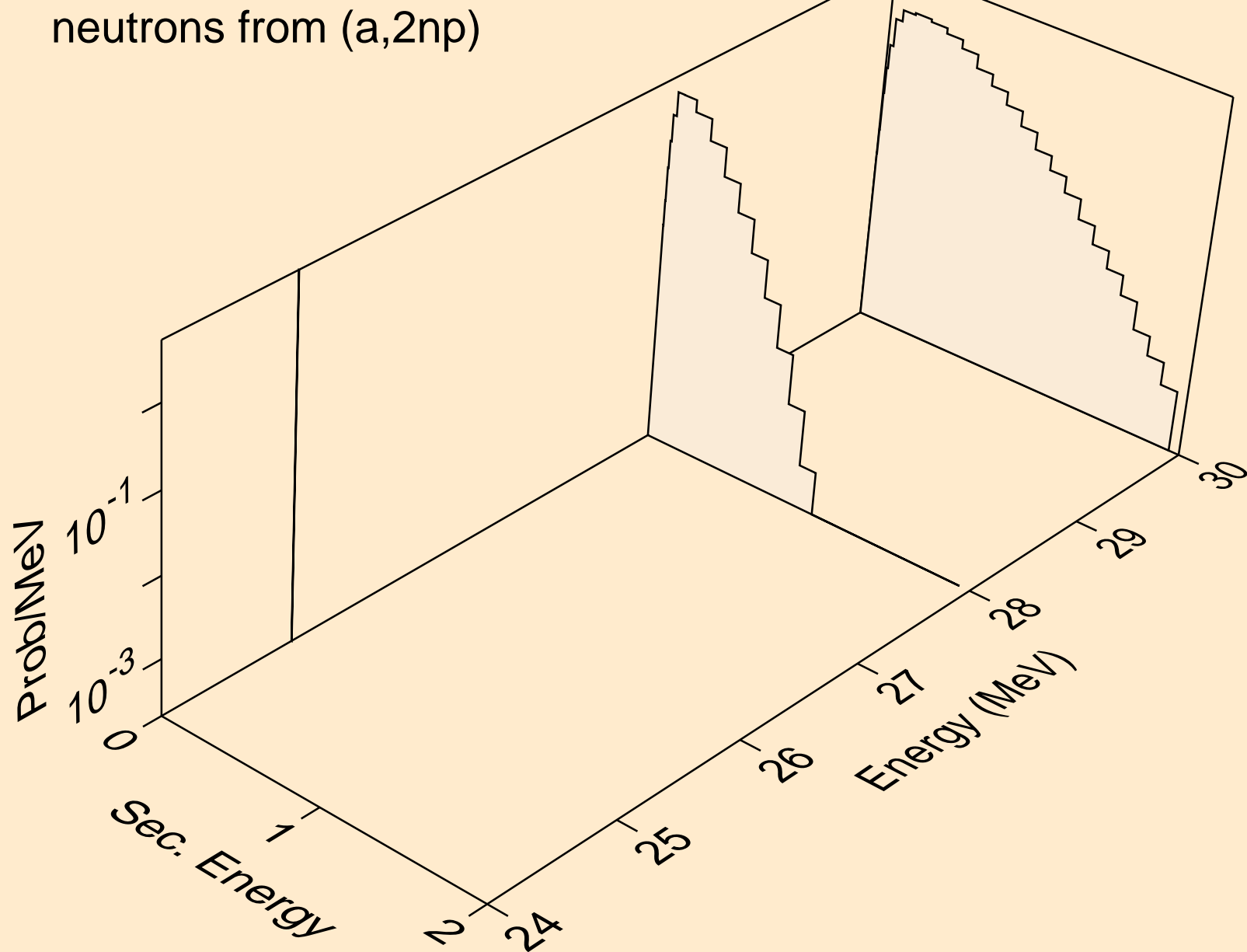
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neutrons from (a,n\*)p



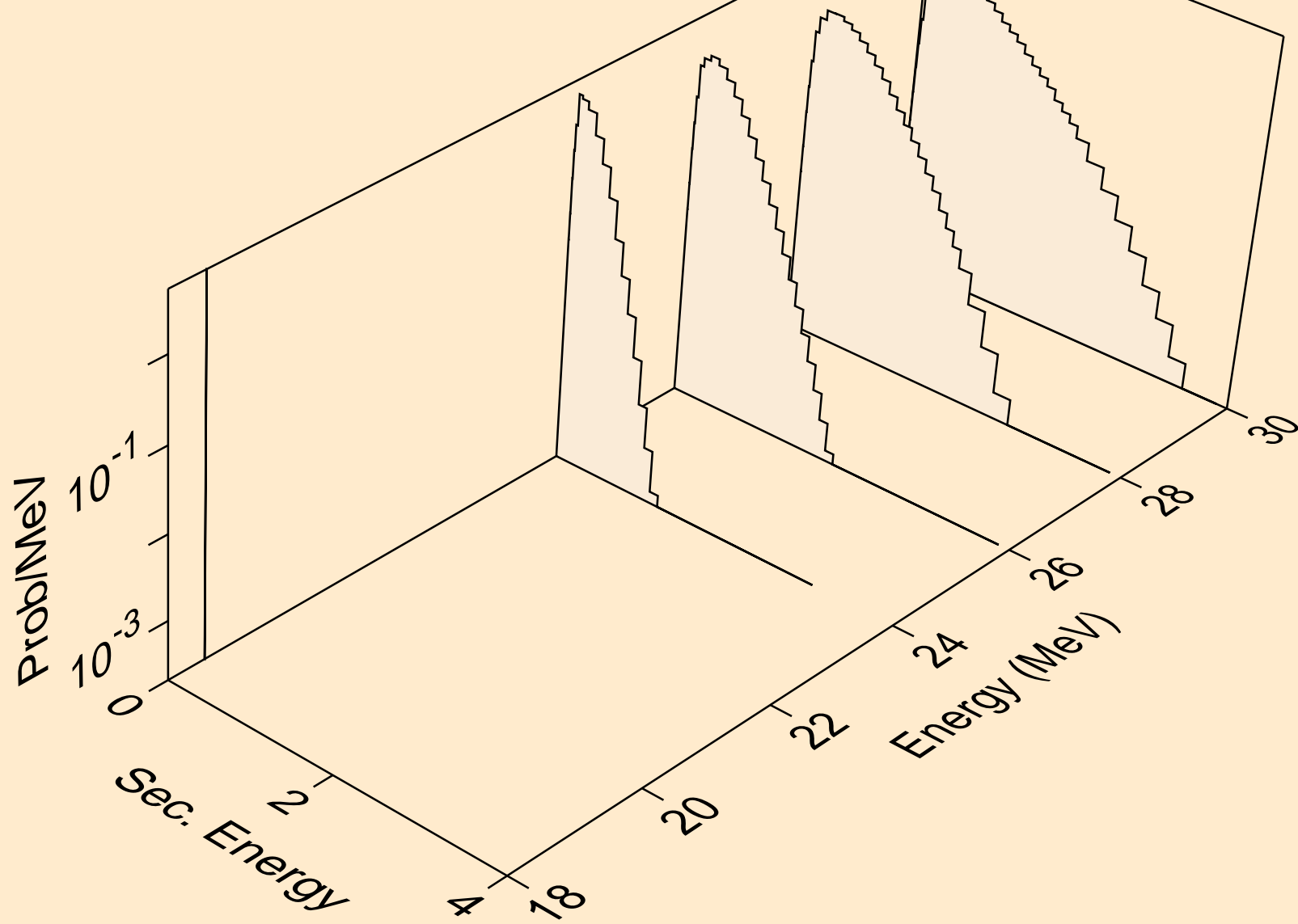
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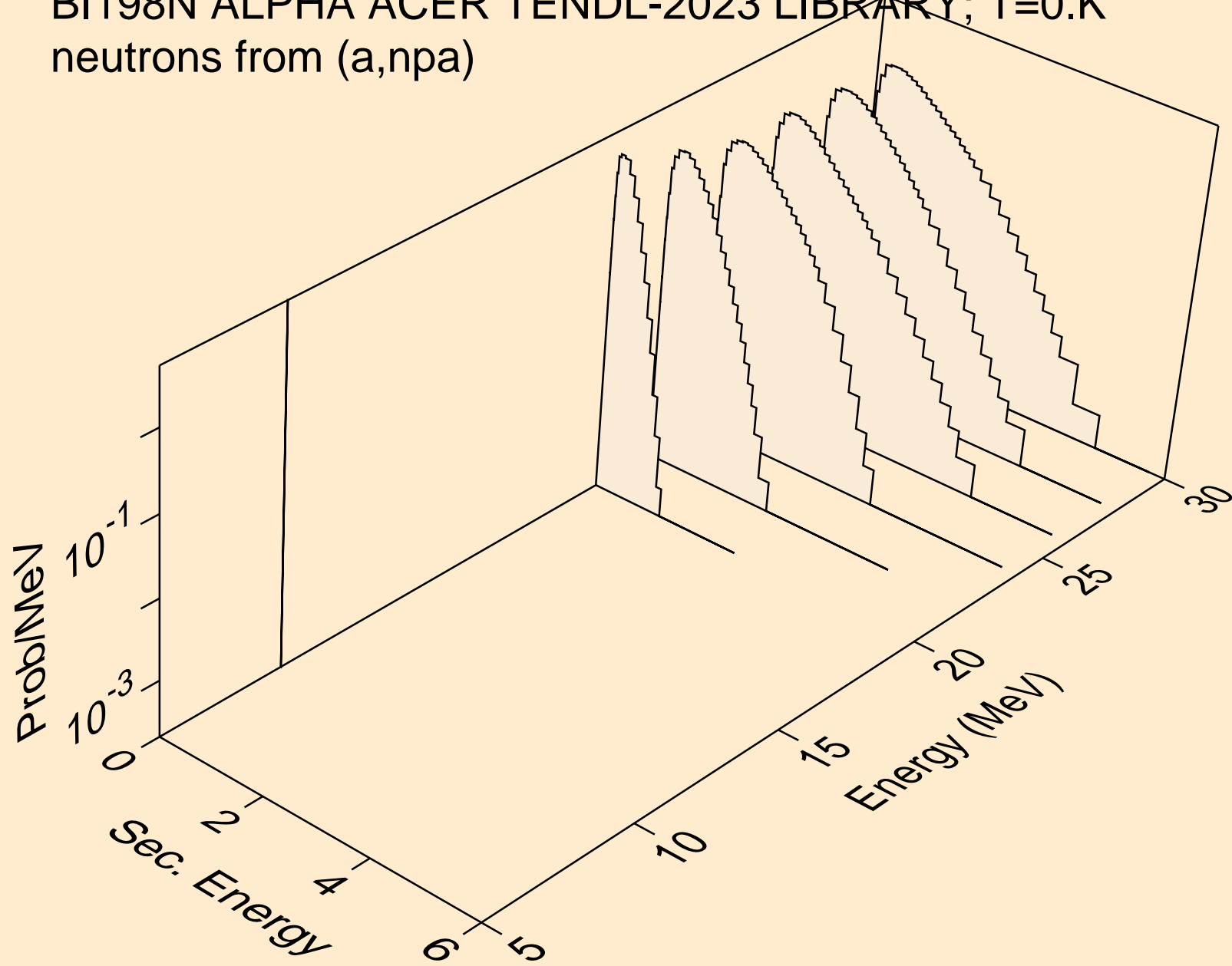
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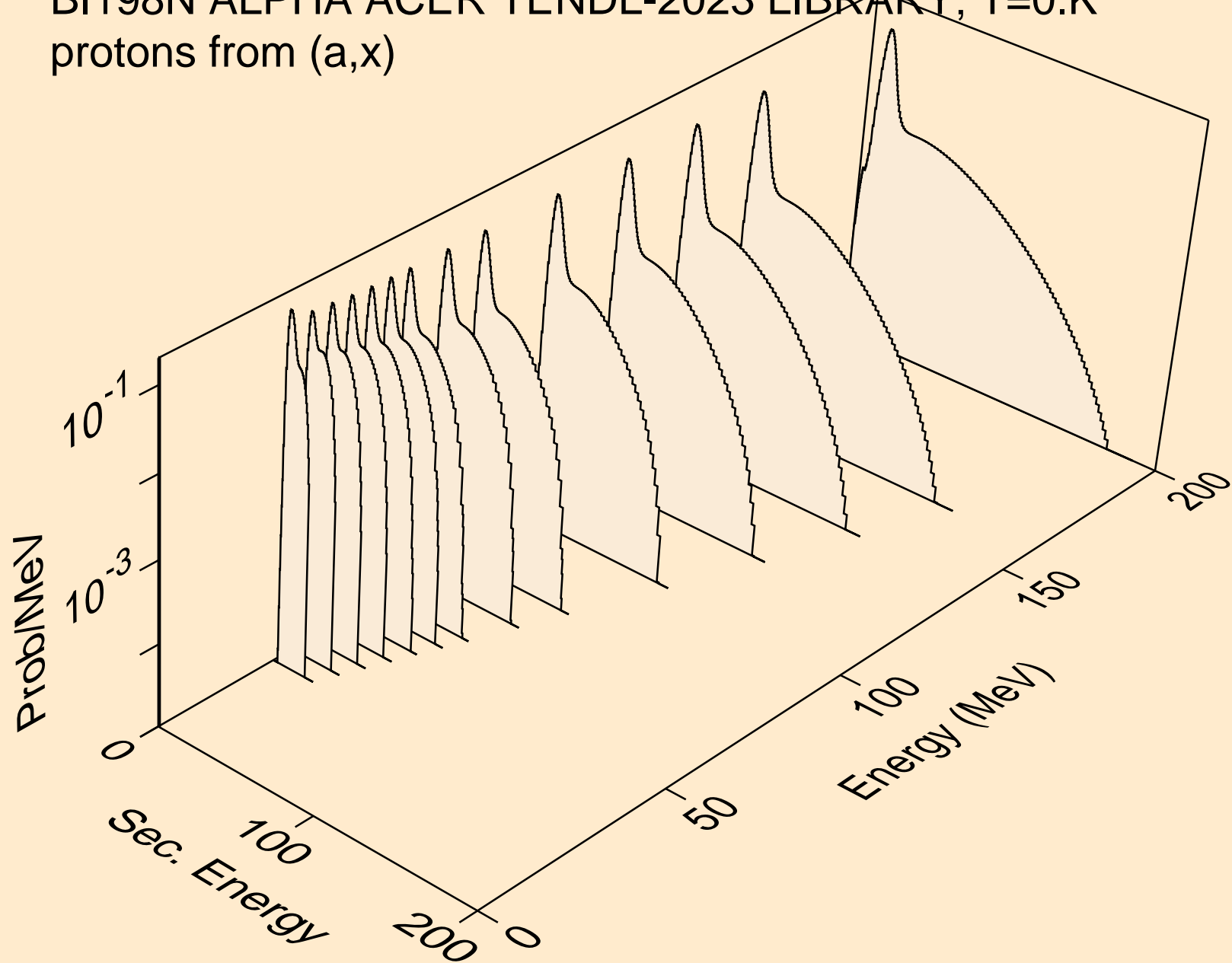
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neutrons from (a,n2p)



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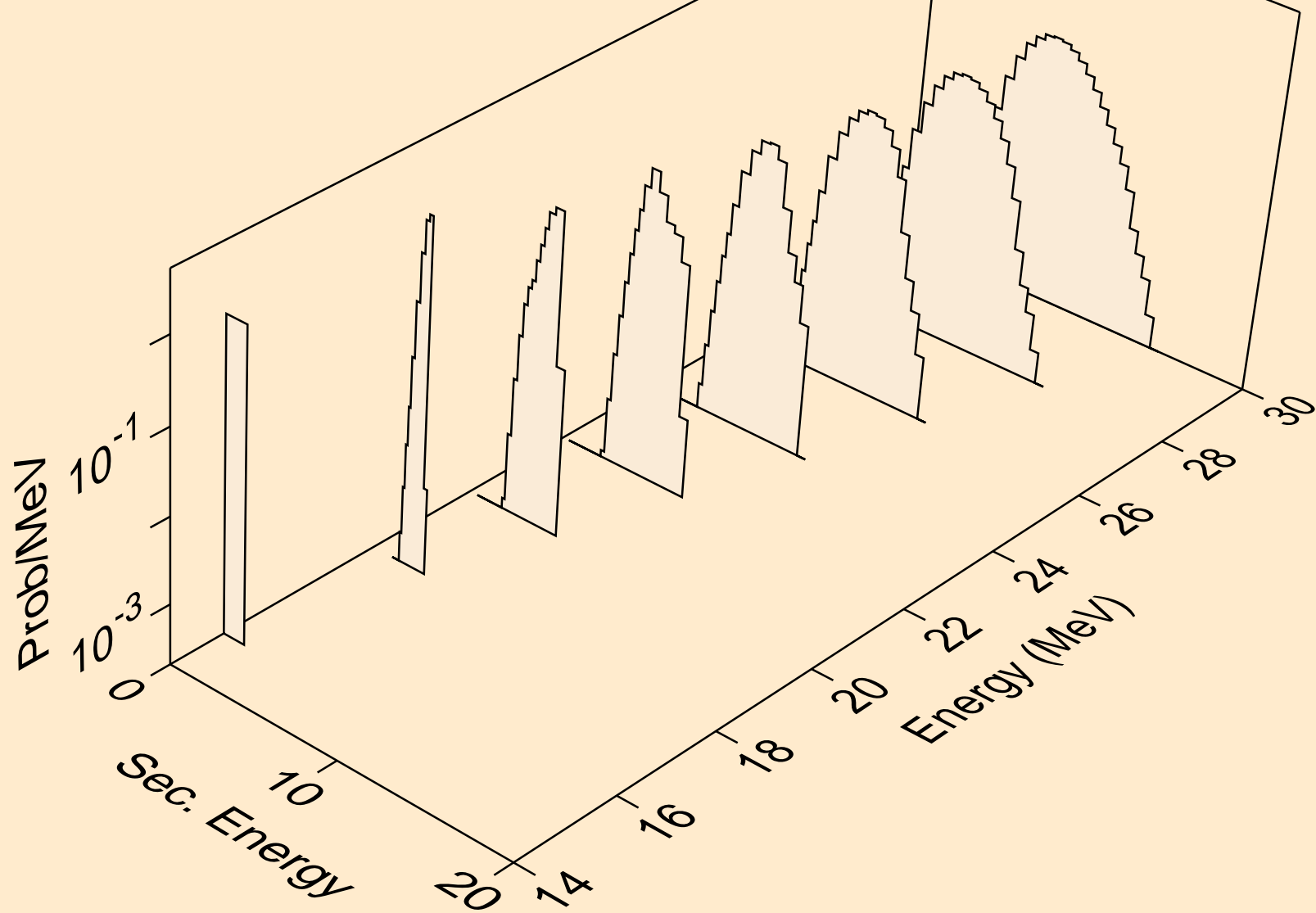


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protons from (a,x)

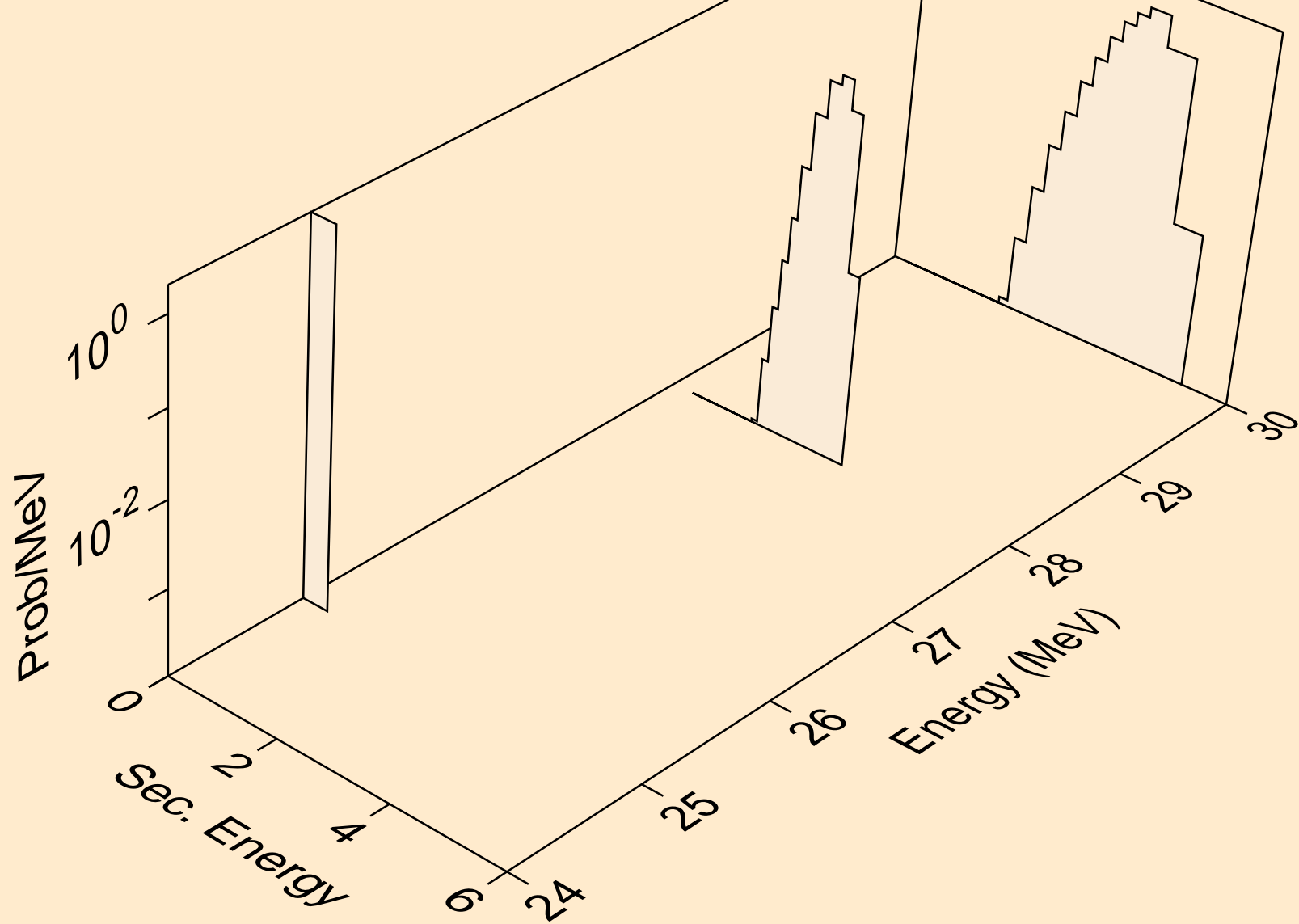




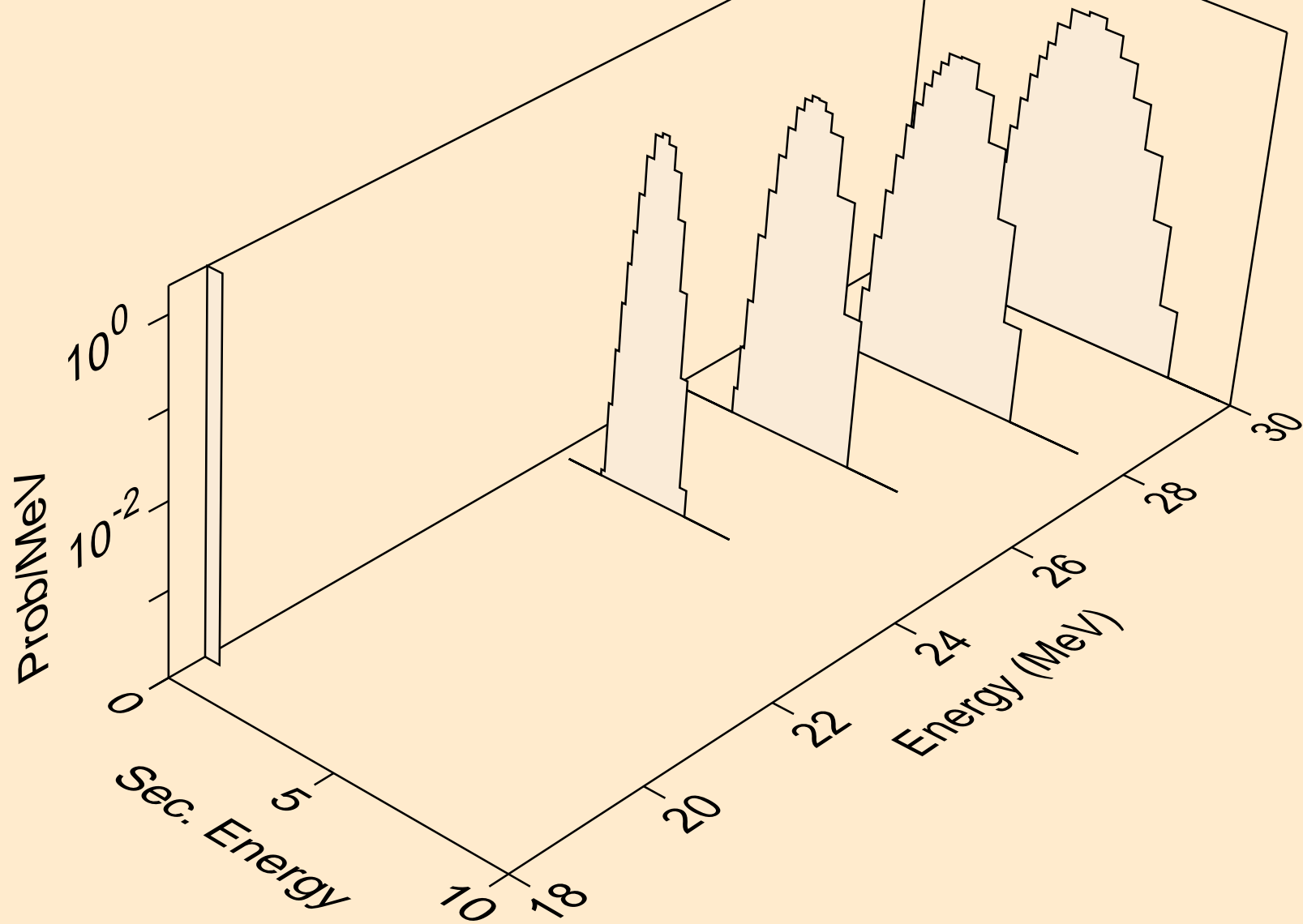
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protons from (a,n\*)p



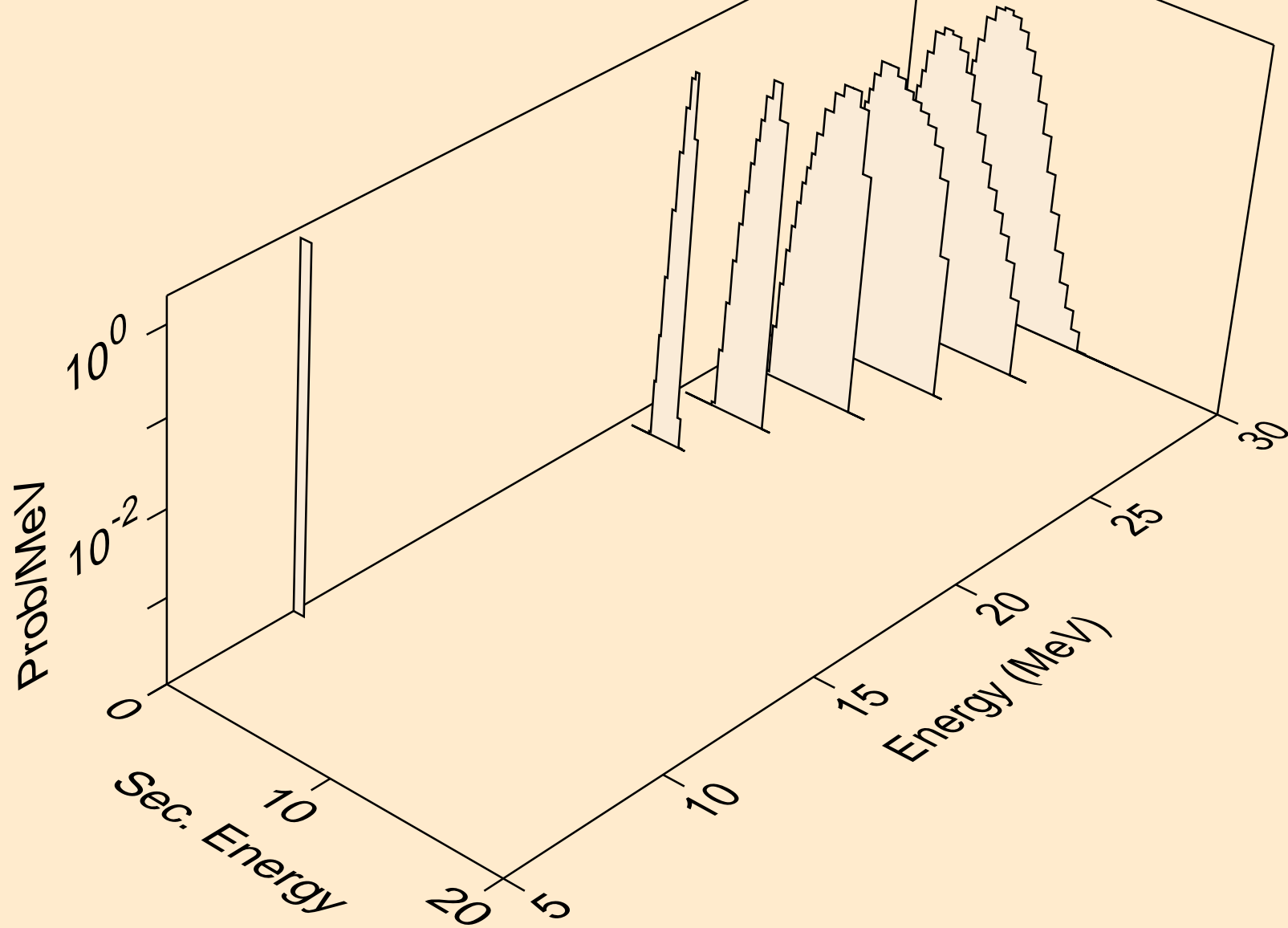
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protons from (a,2np)



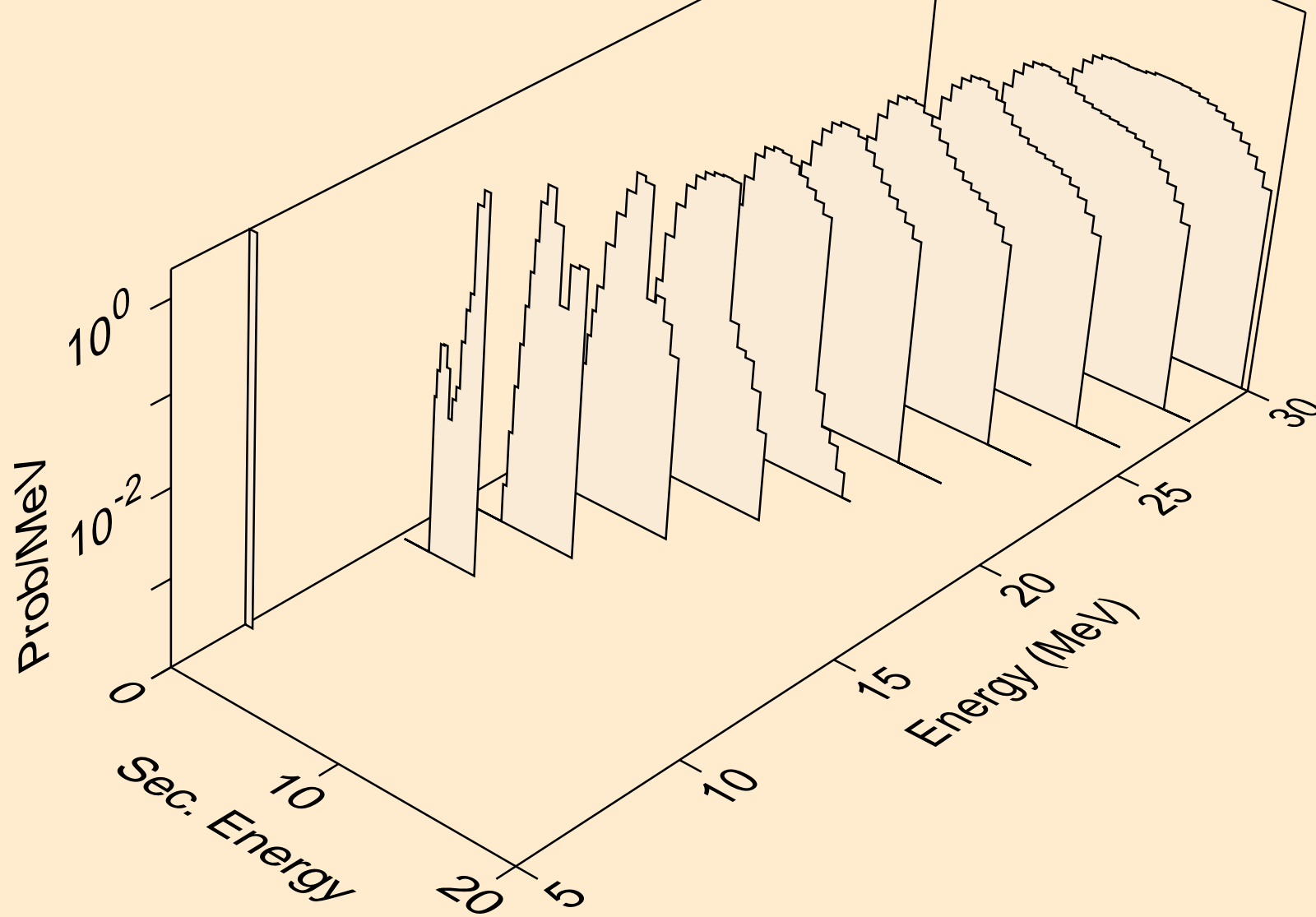
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protons from (a,n2p)



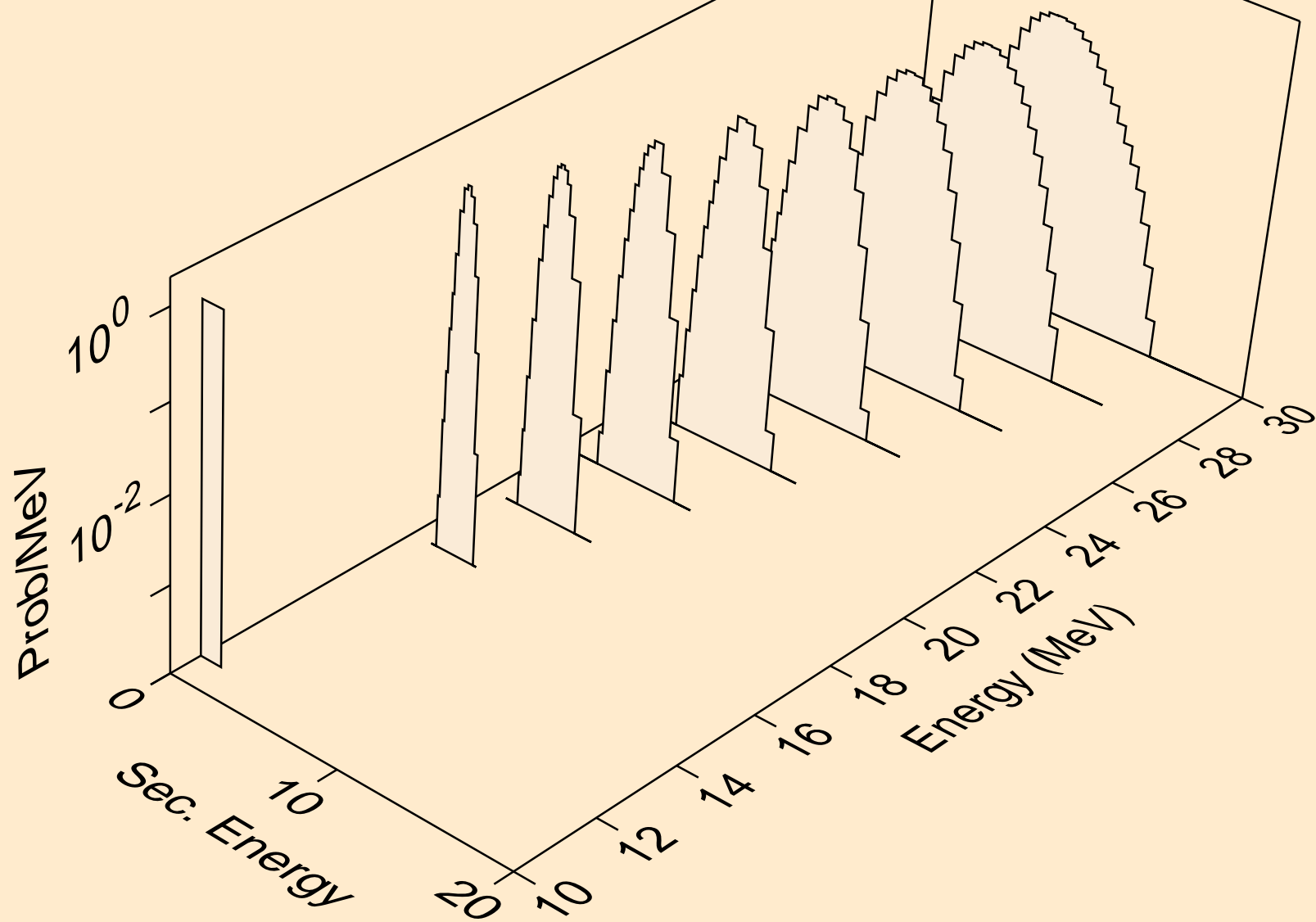
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protons from (a,npa)



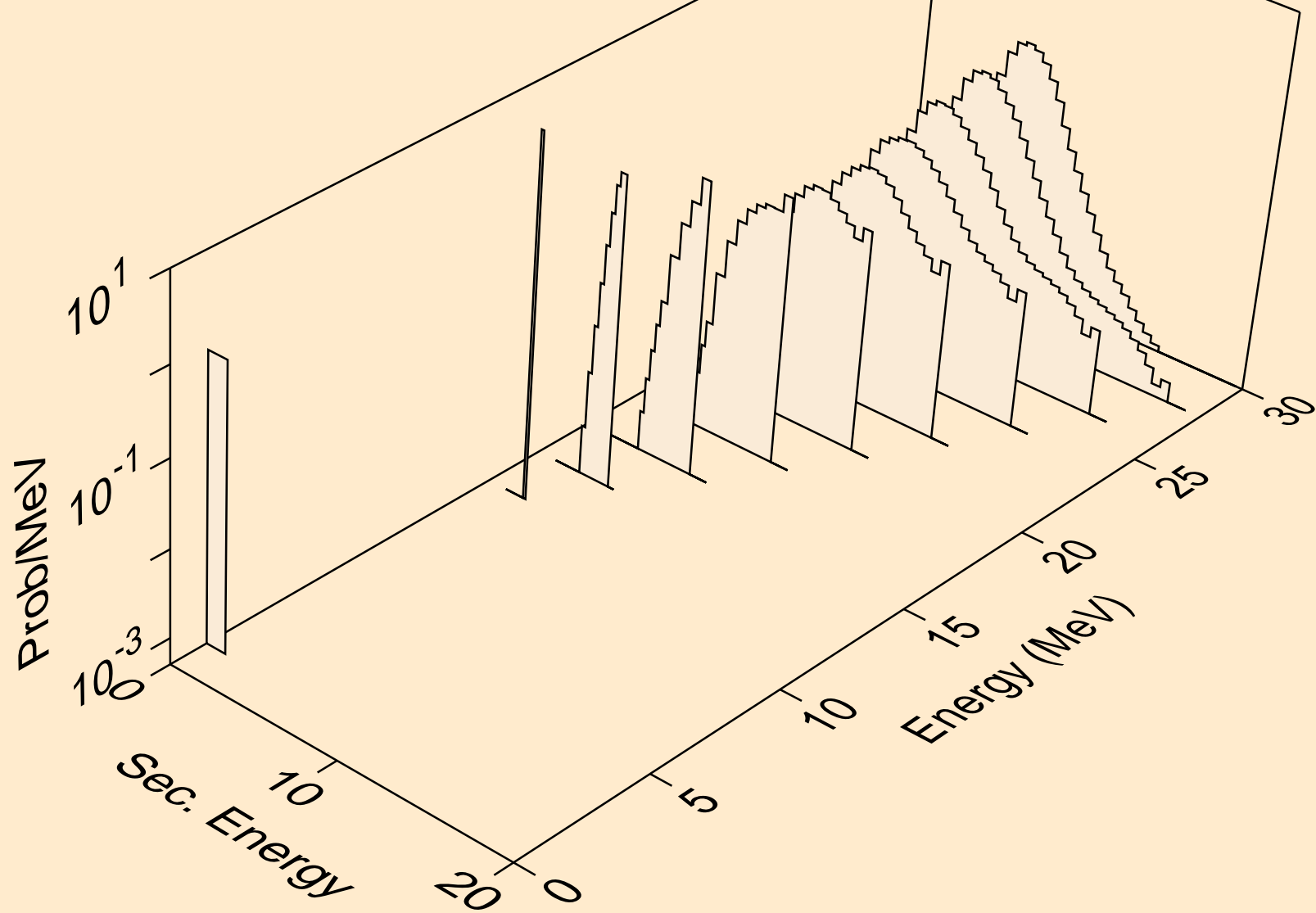
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protons from (a,p)



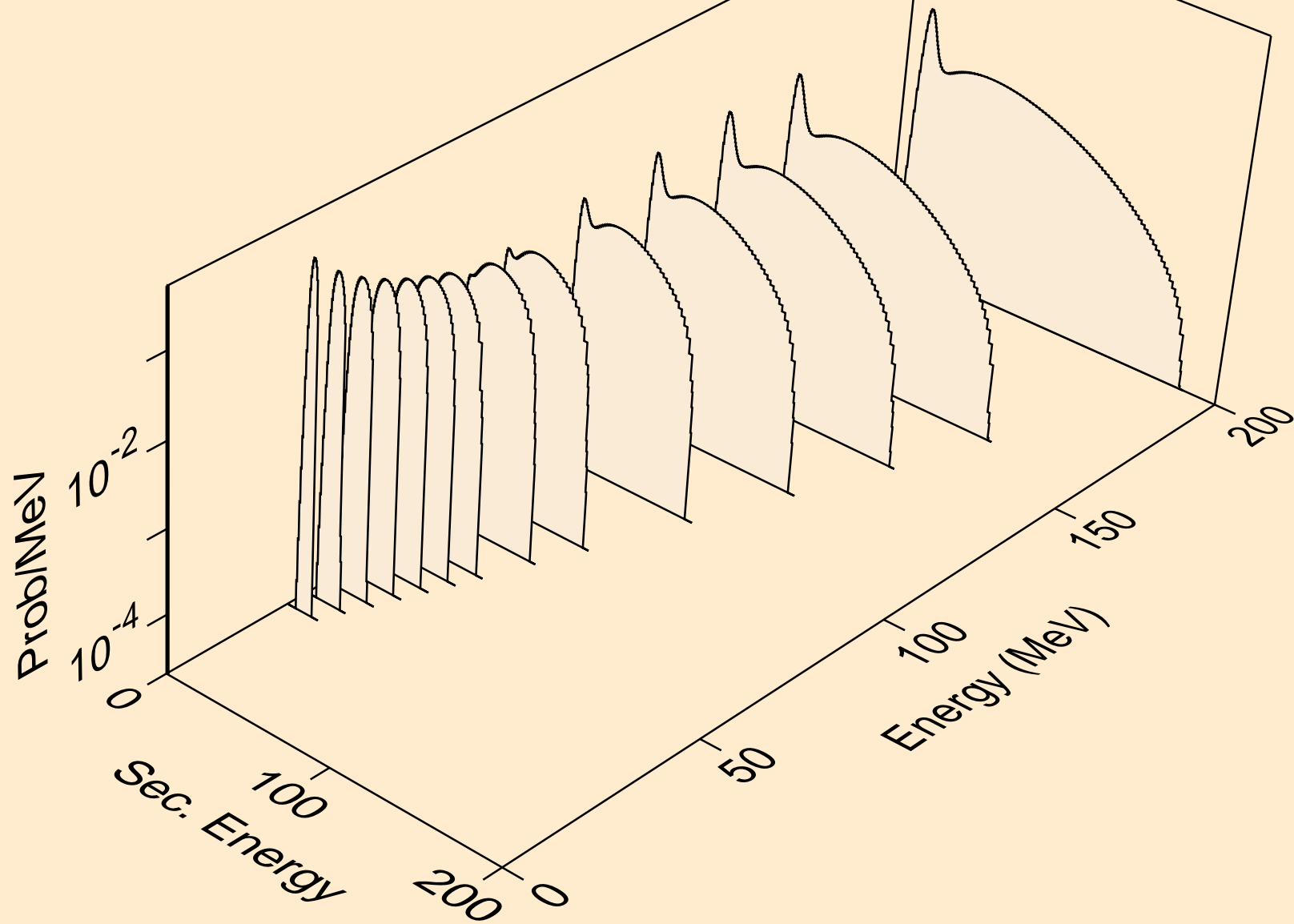
BI198N ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2p)



BI198N ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pa)

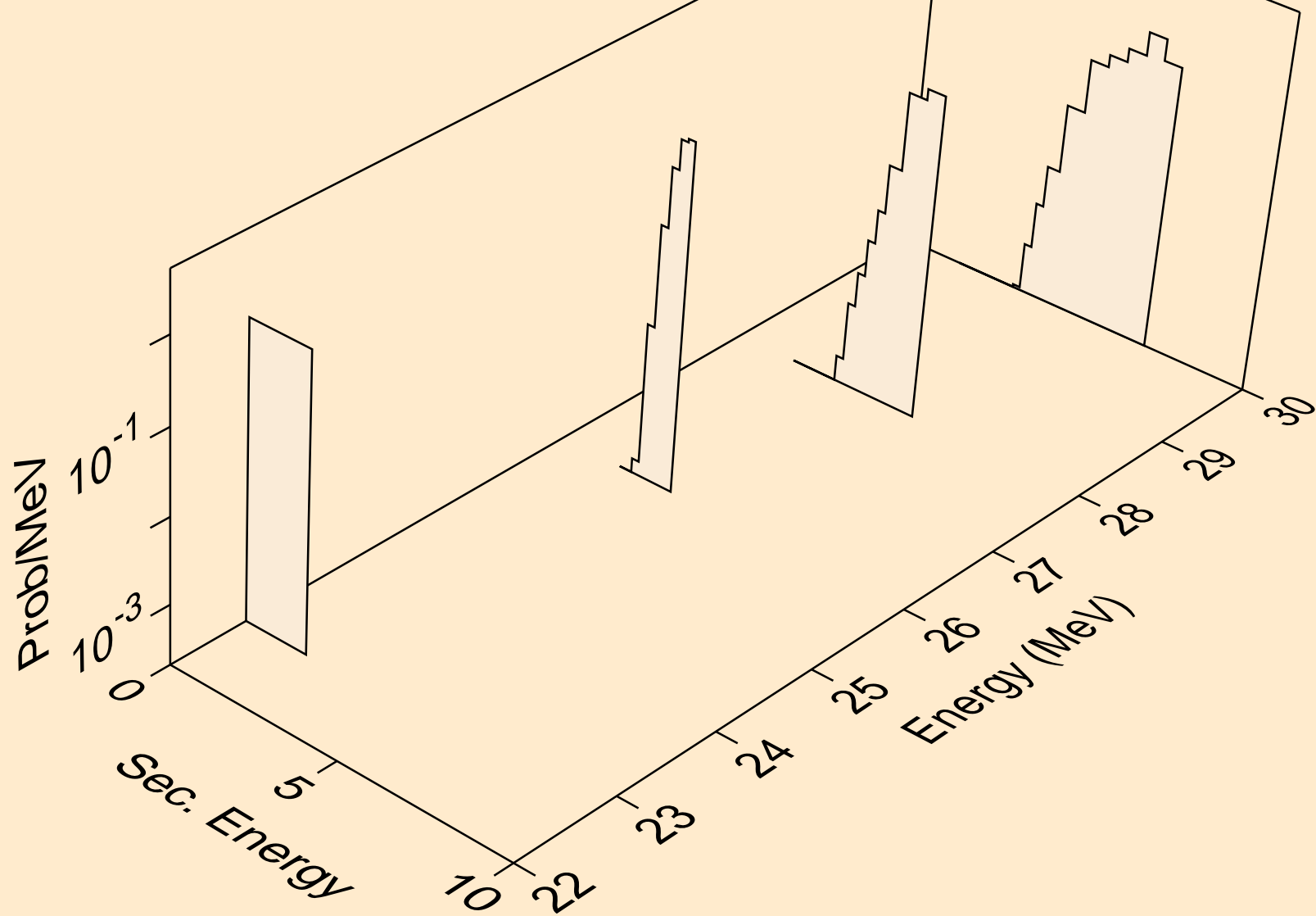


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deuterons from (a,x)

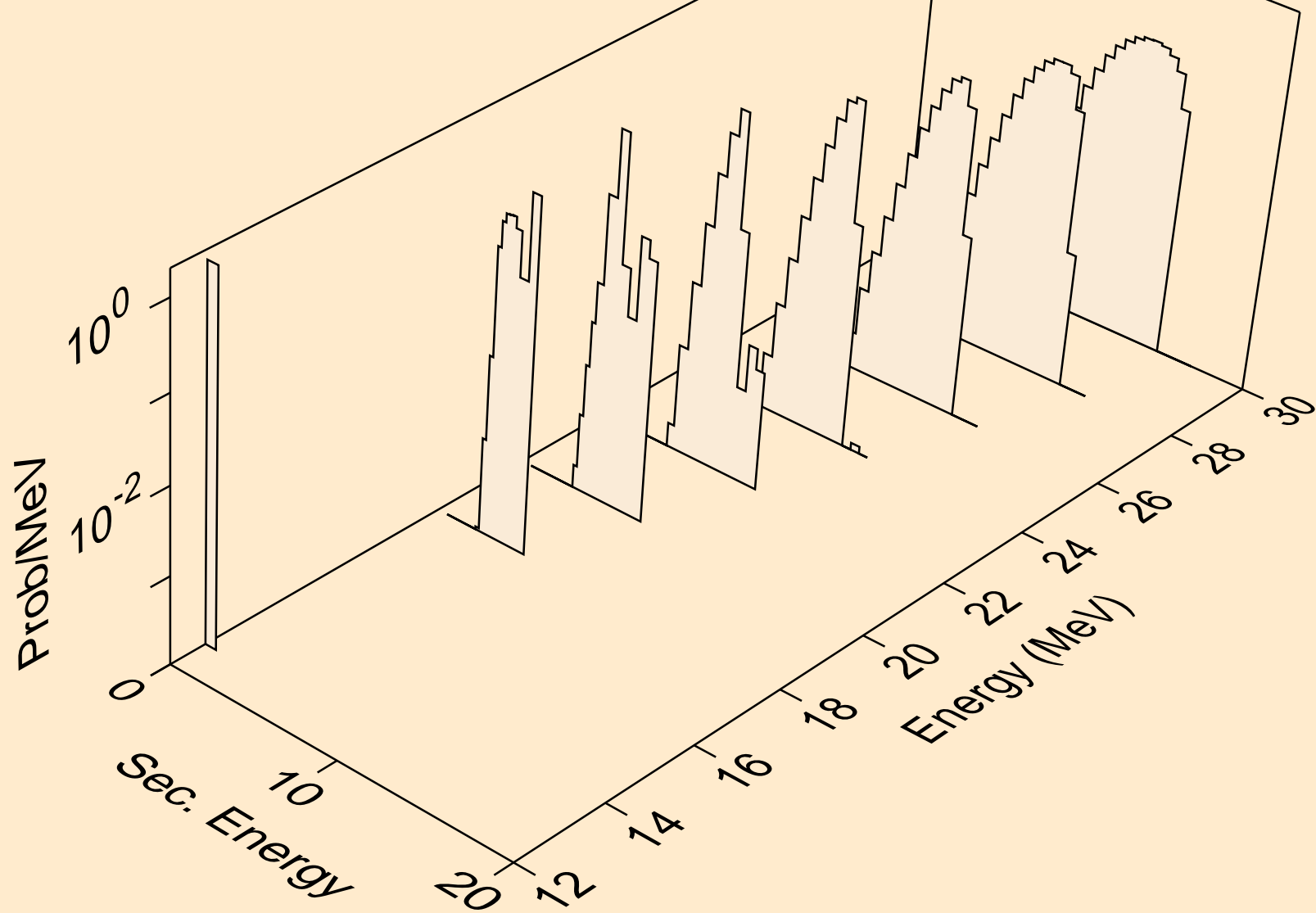




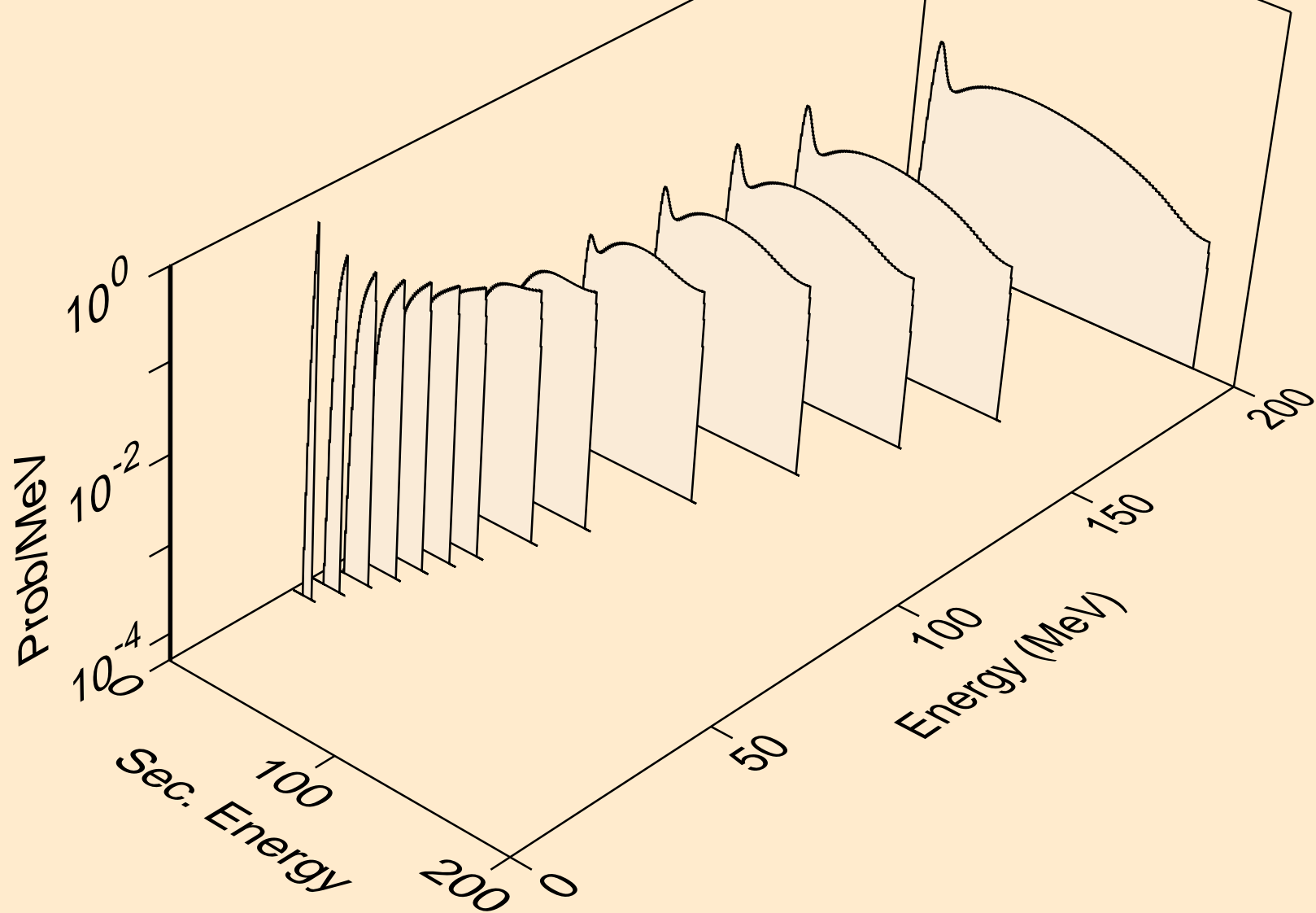
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deuterons from (a,n\*)d



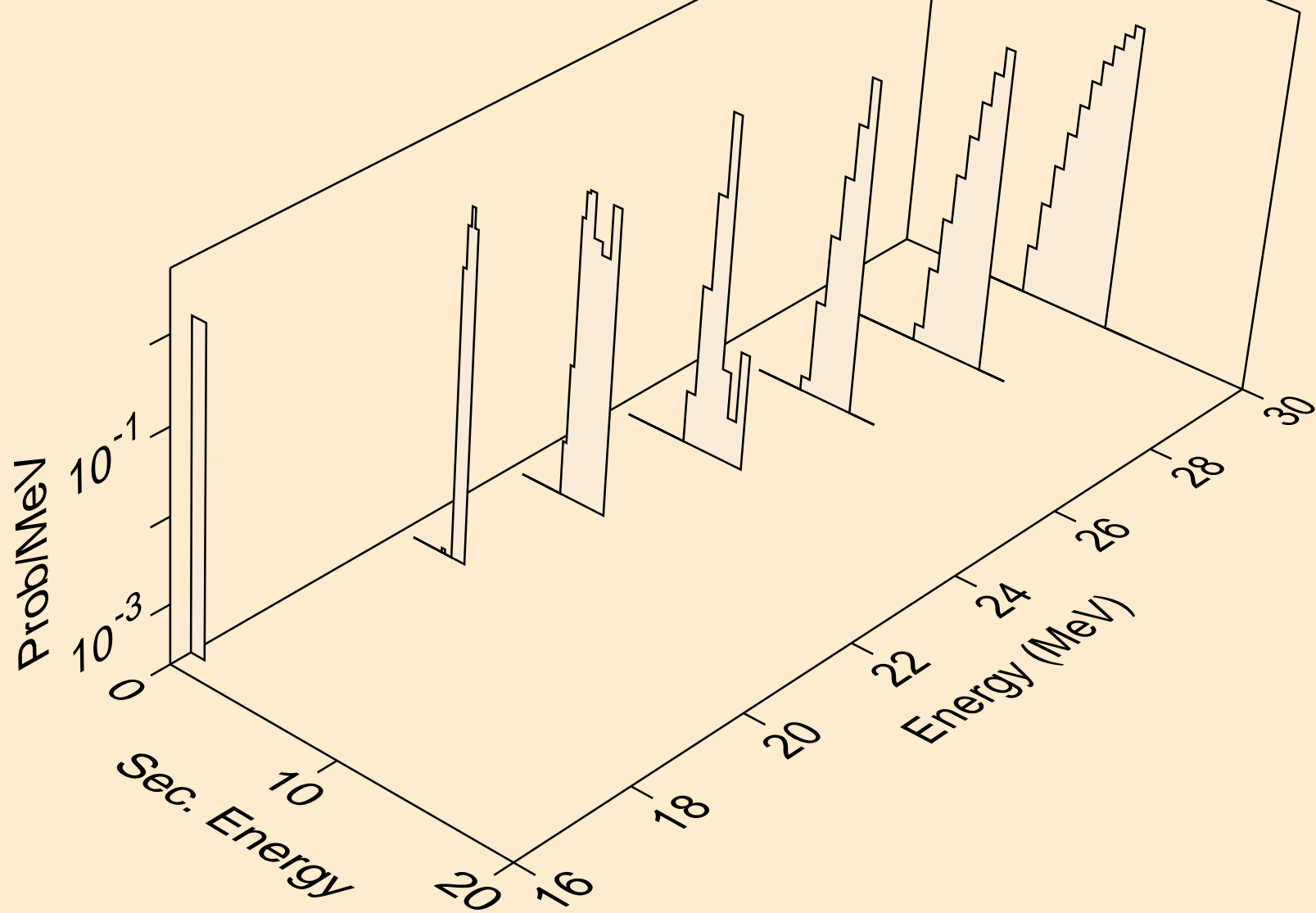
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deuterons from (a,d)



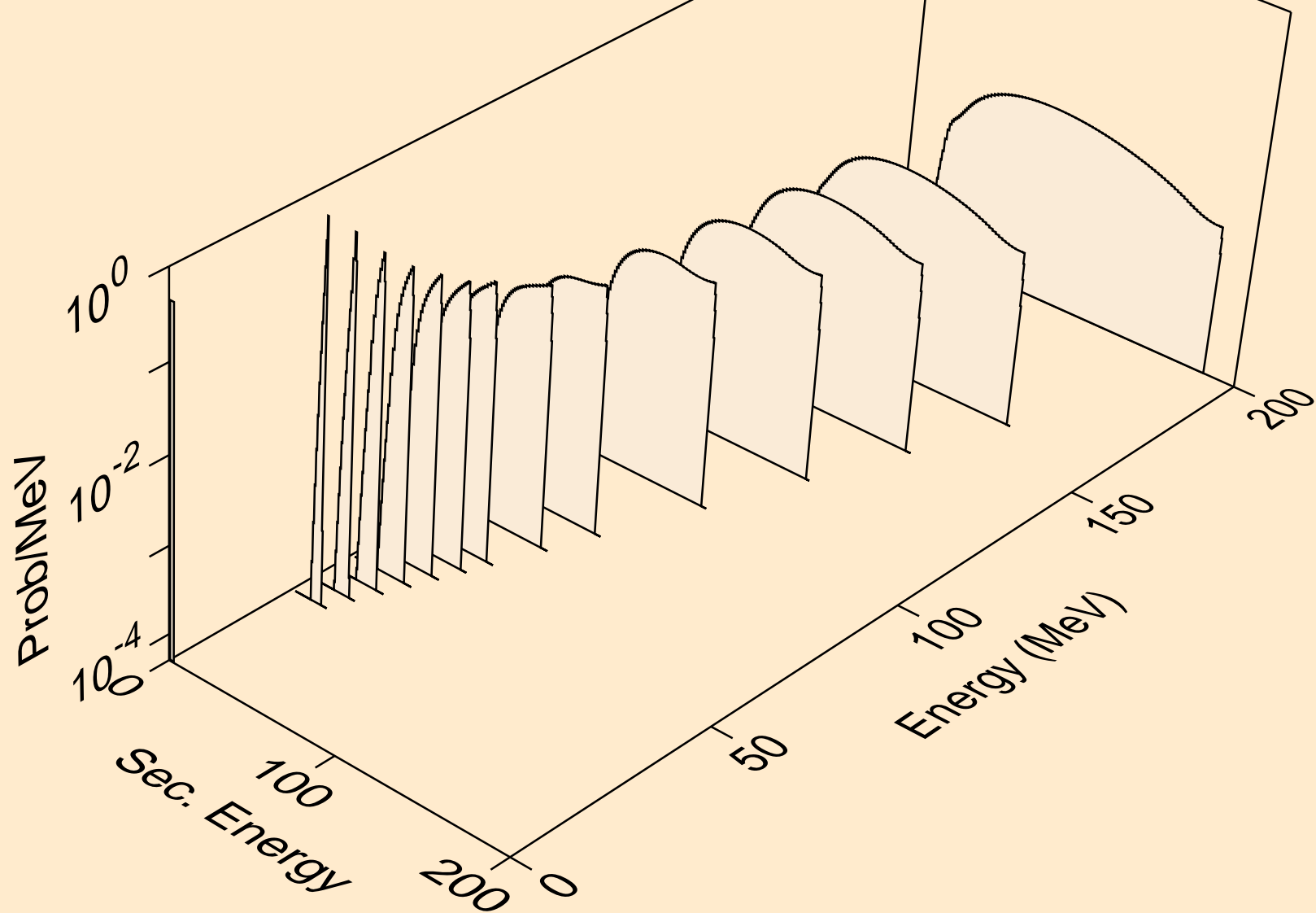
BI198N ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)



BI198N ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)



BI198N ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



BI198N ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

