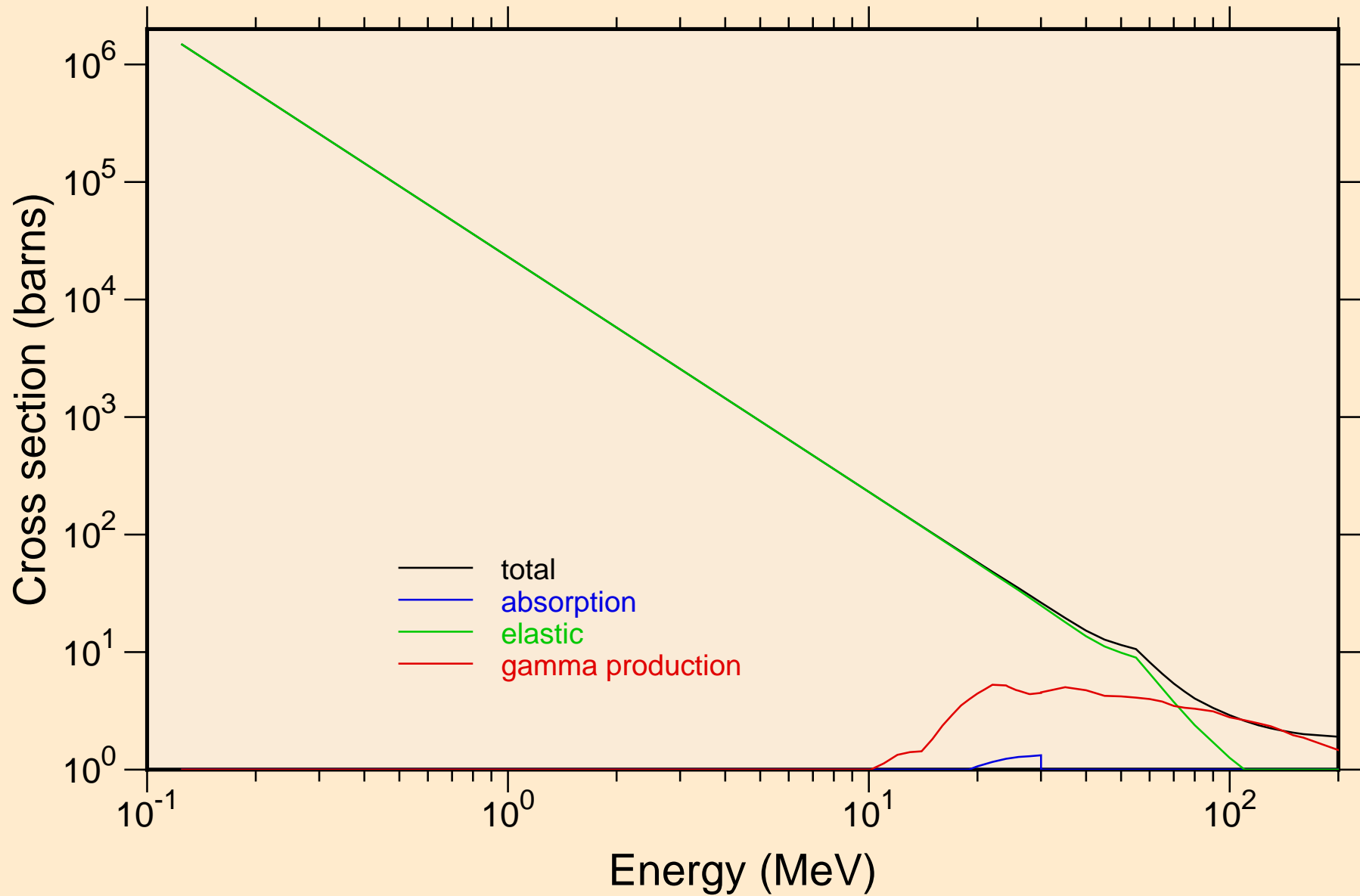
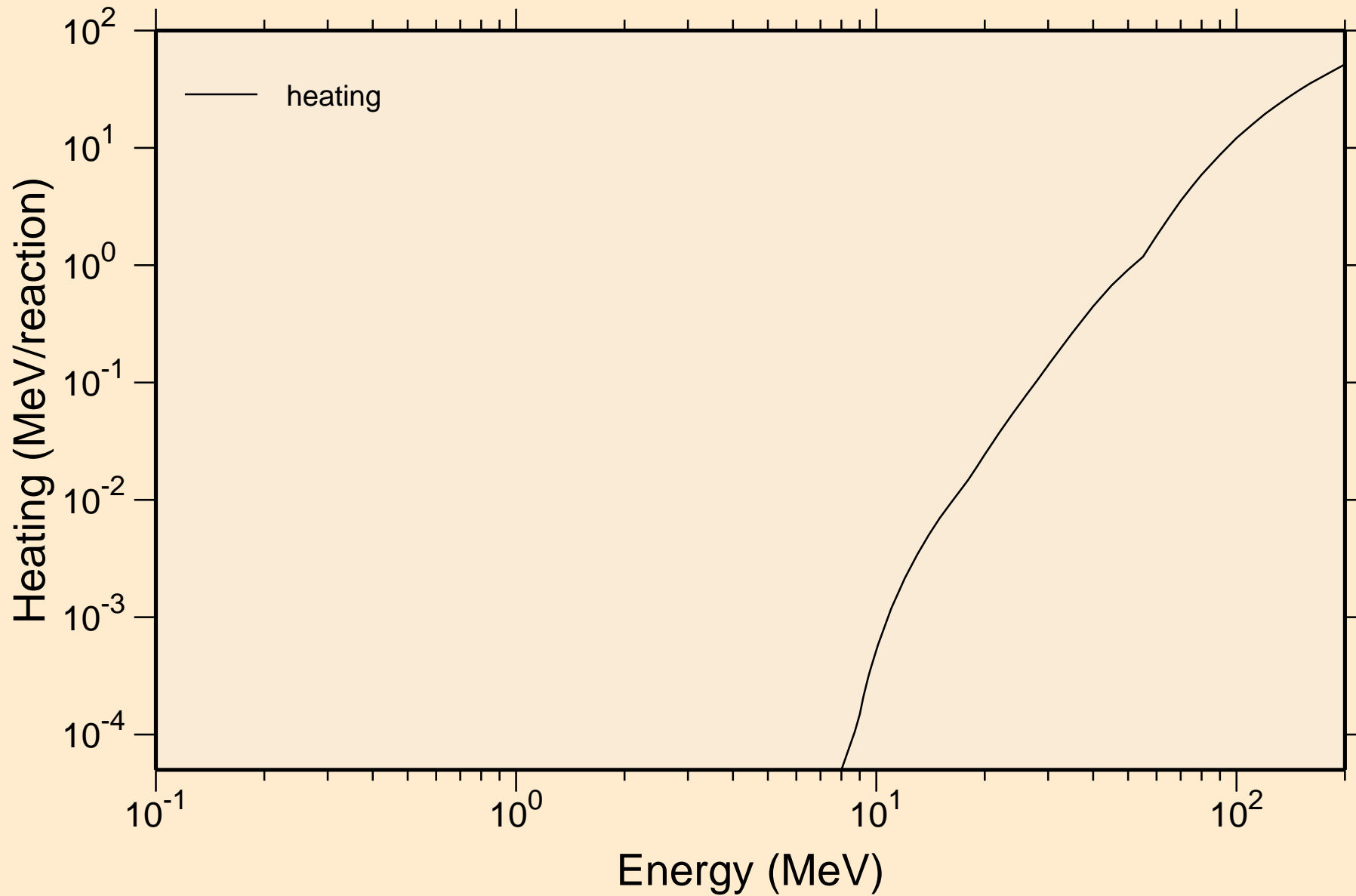


CU069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections



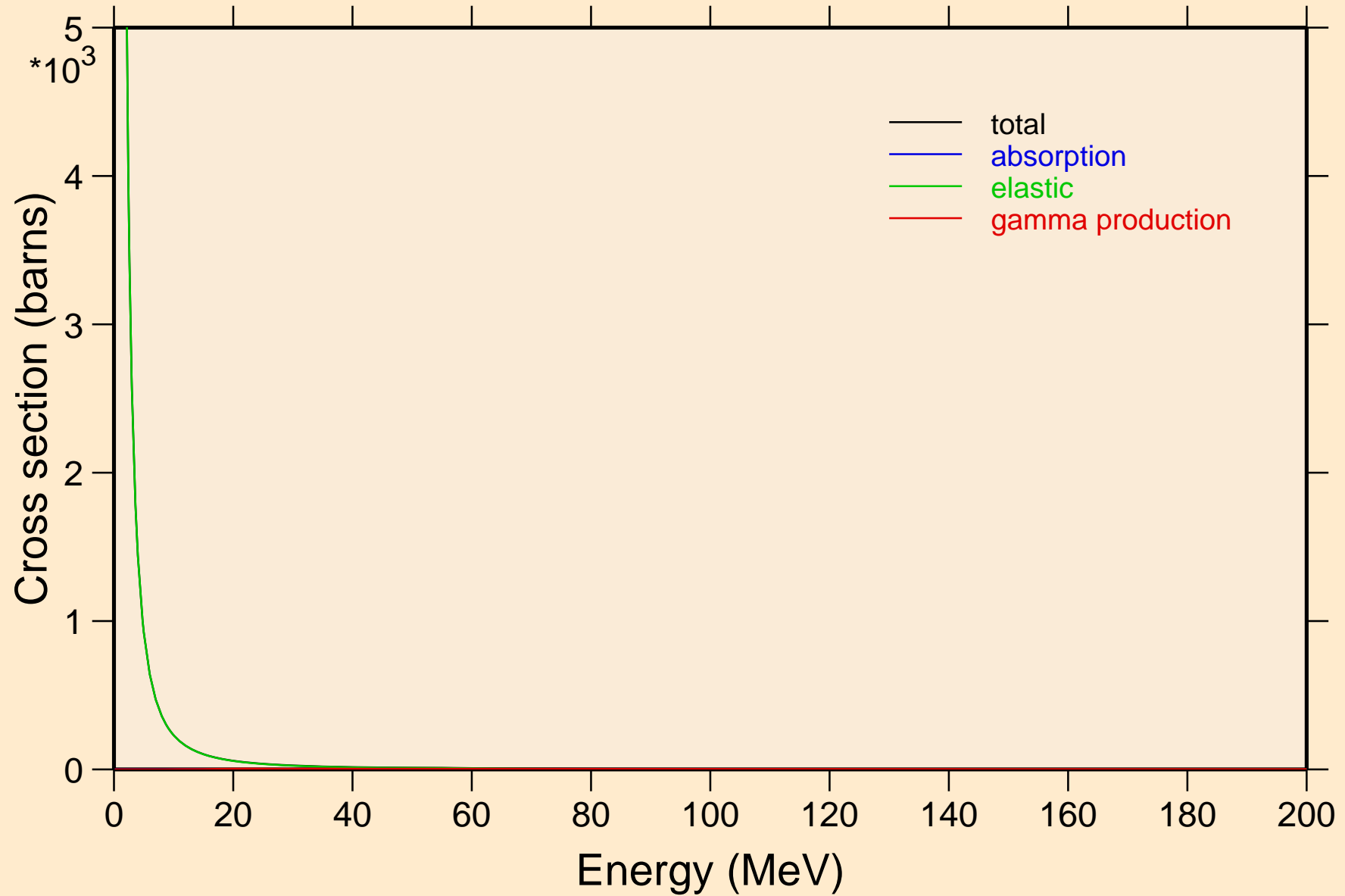
CU069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Heating



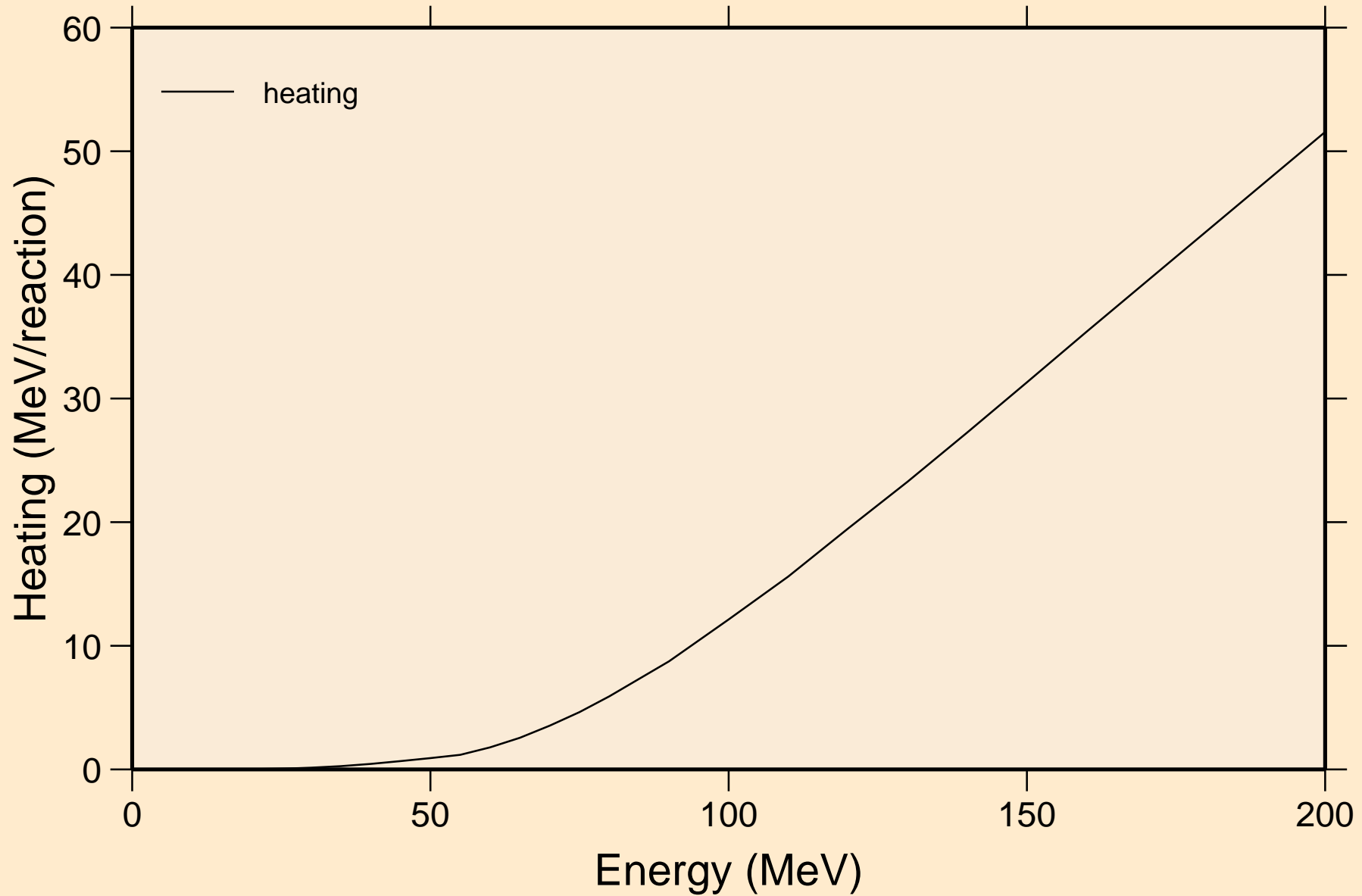
# CU069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

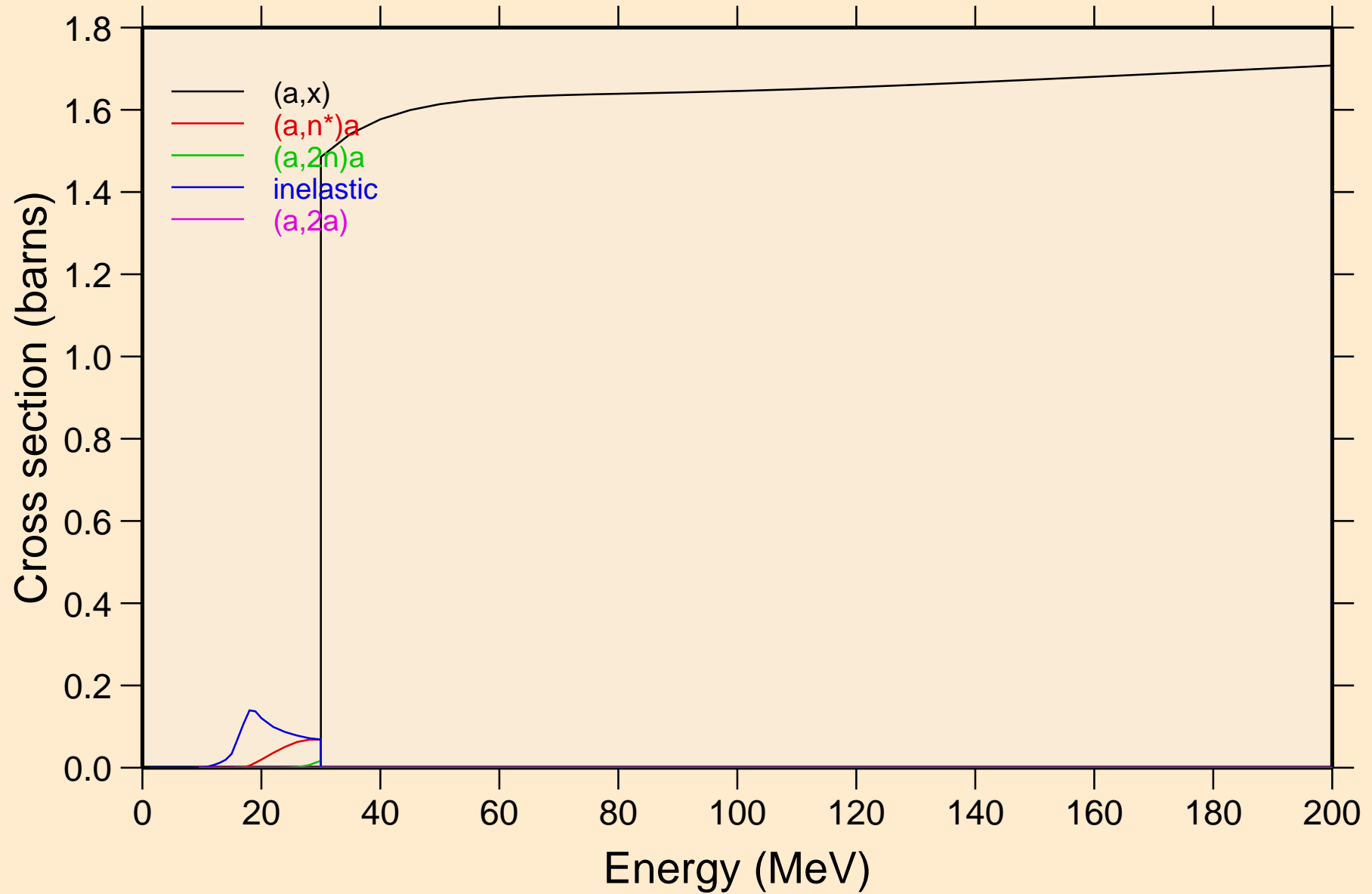


CU069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

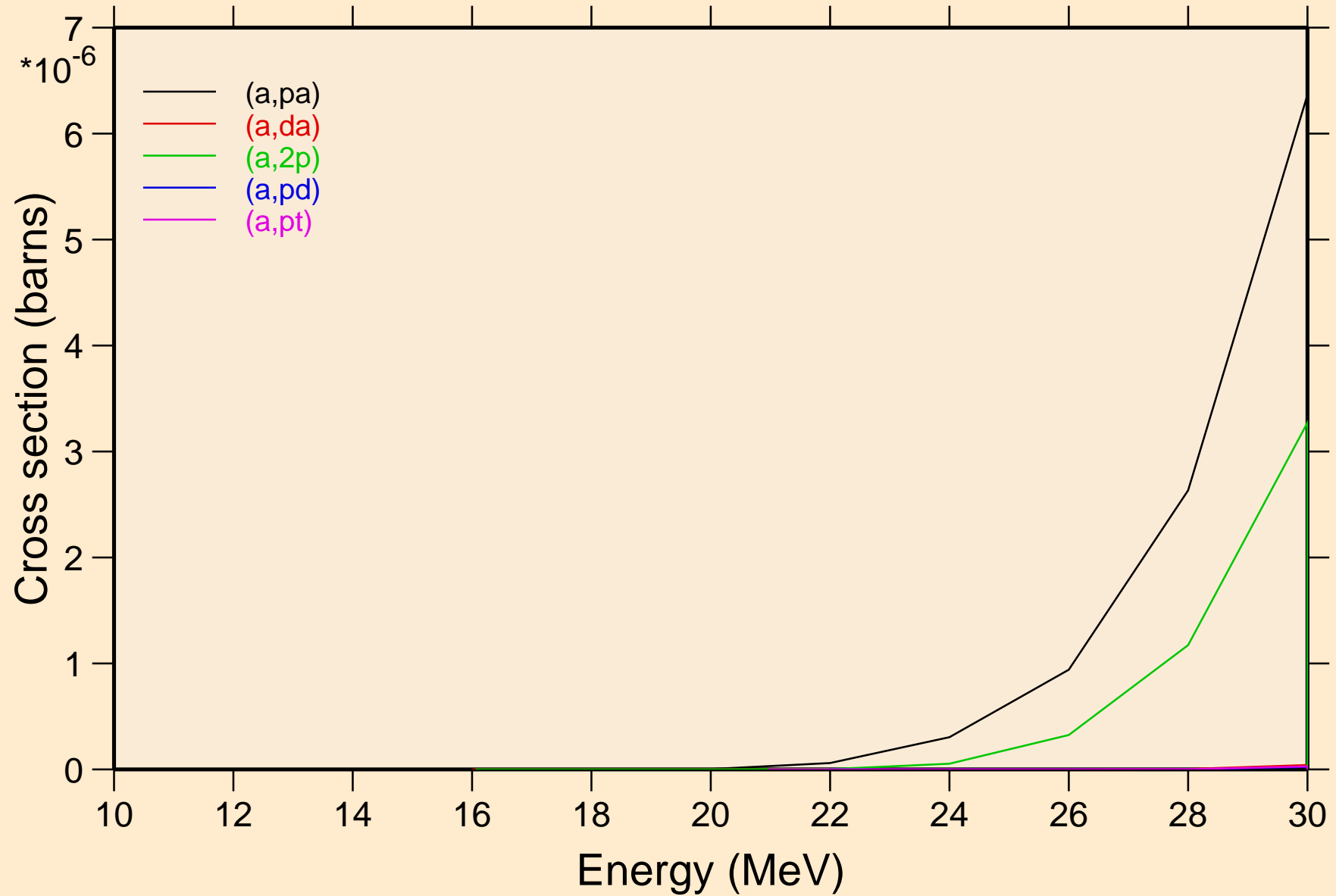
Heating



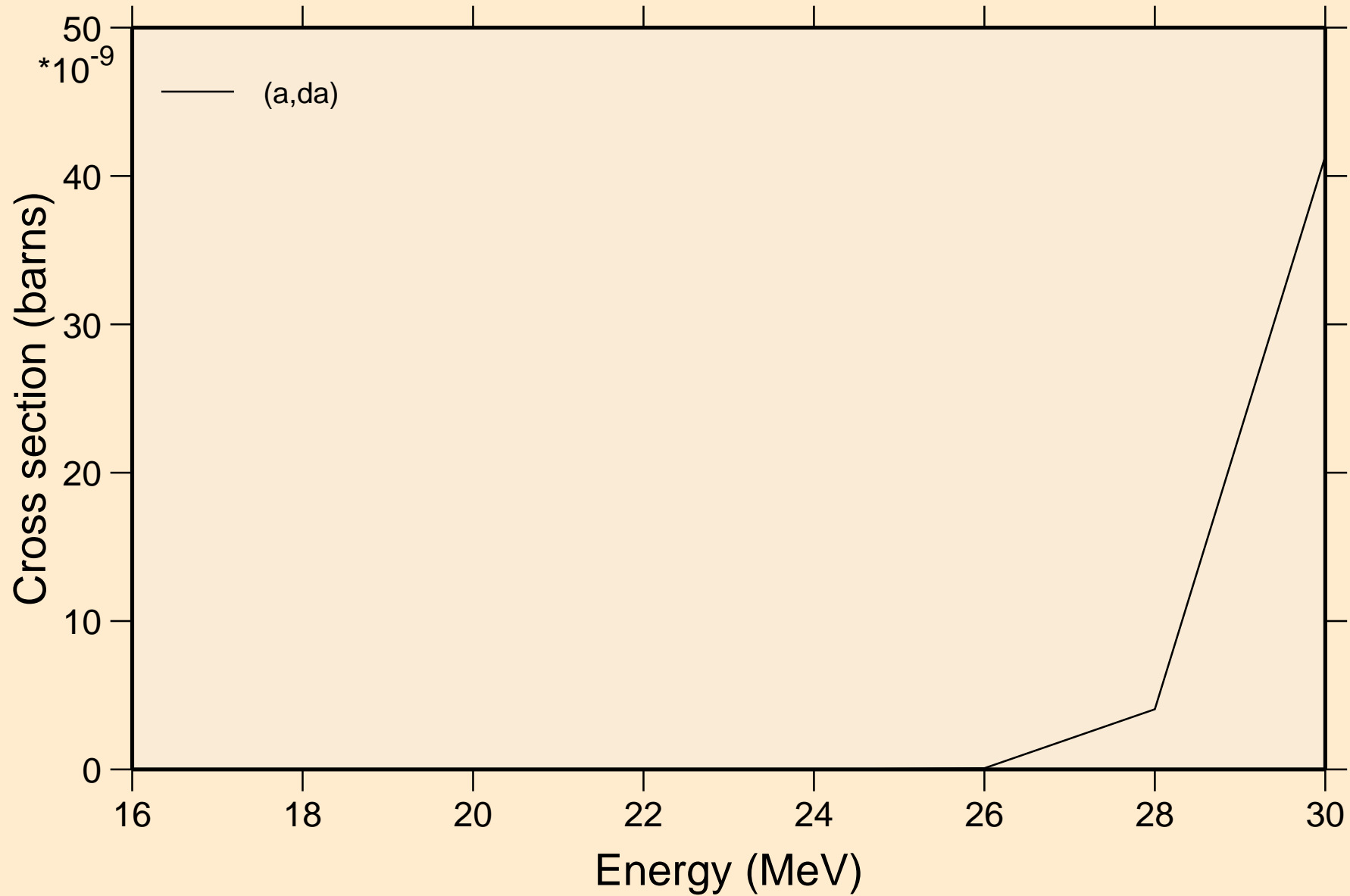
CU069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



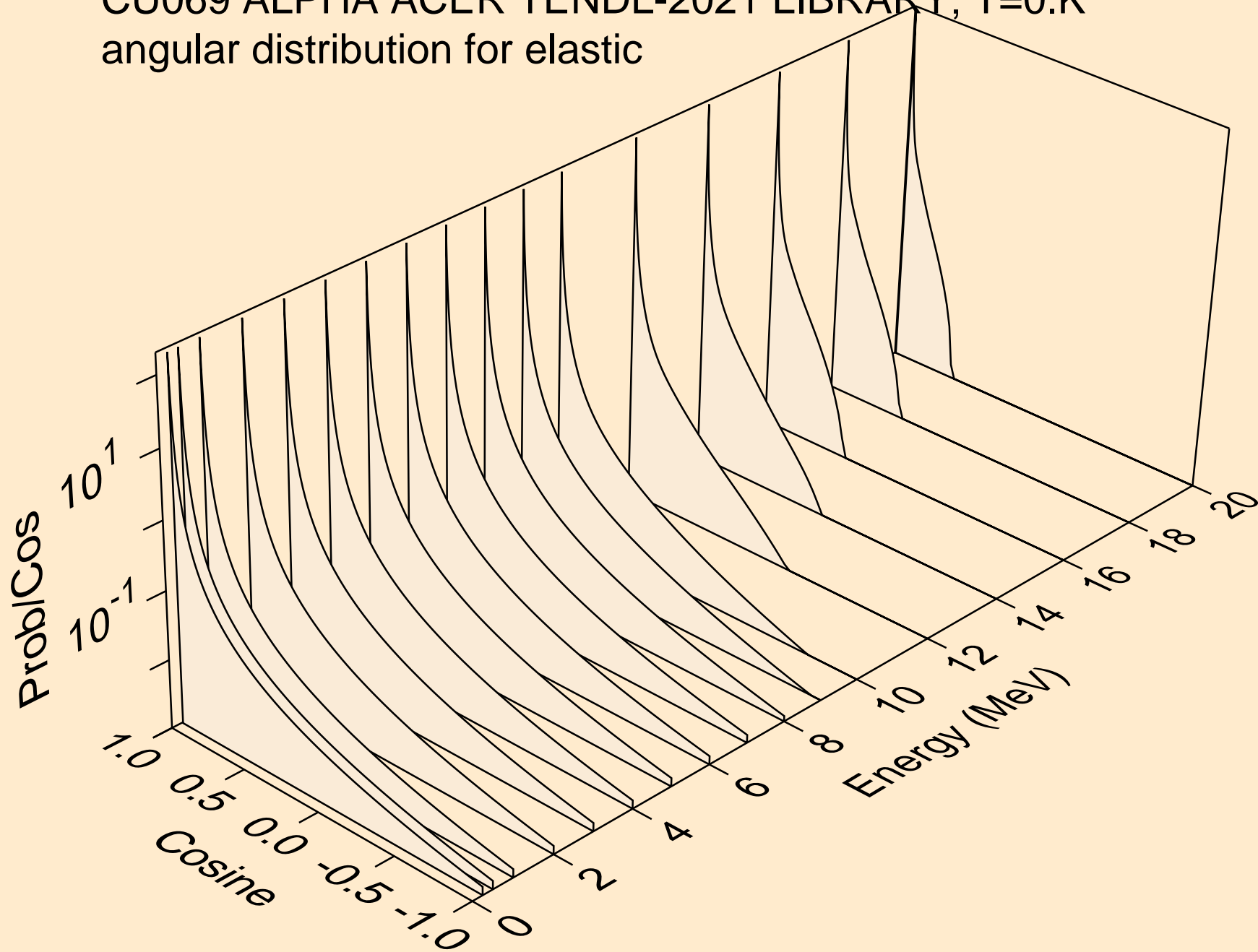
CU069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



CU069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

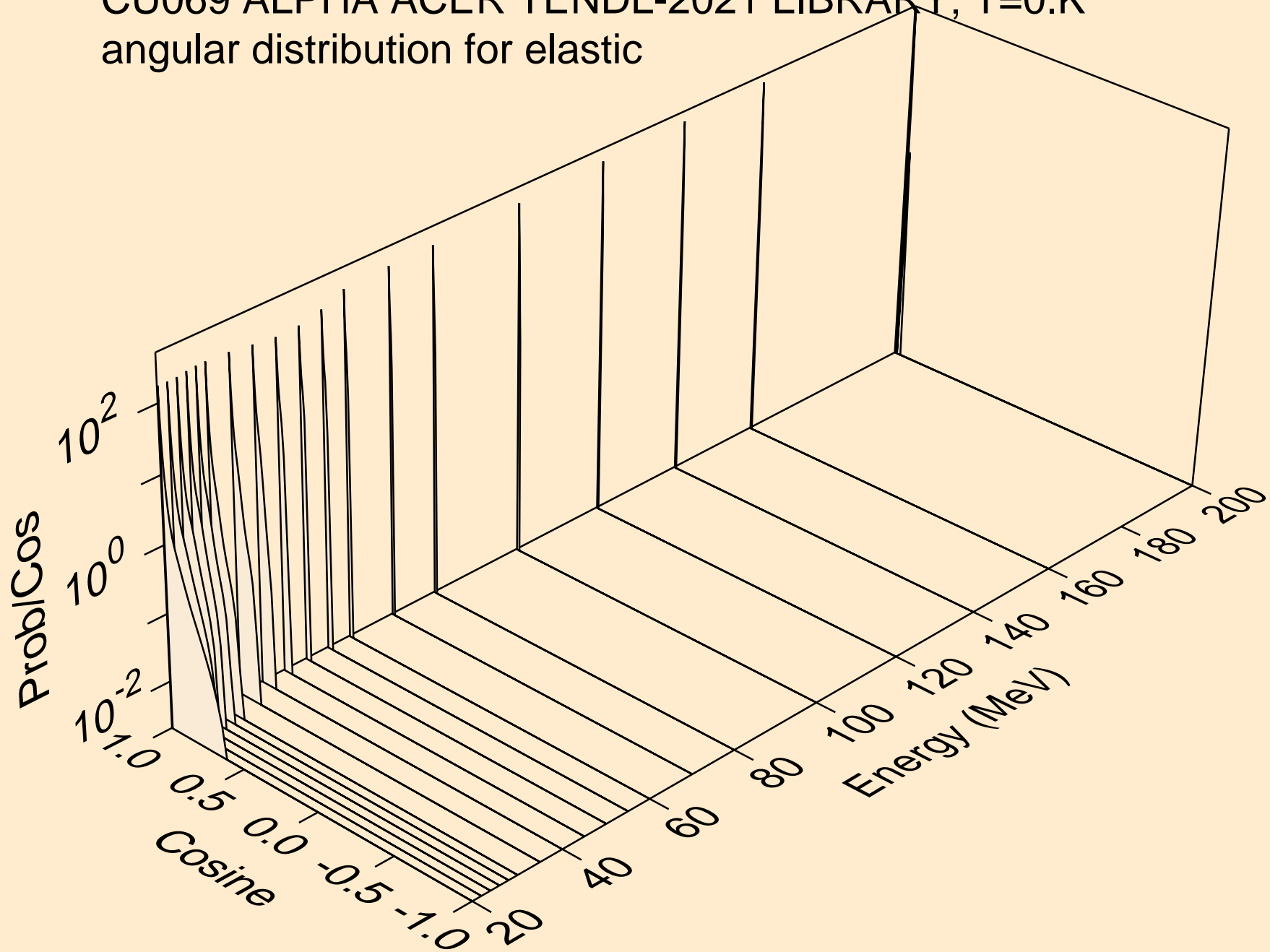


CU069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic

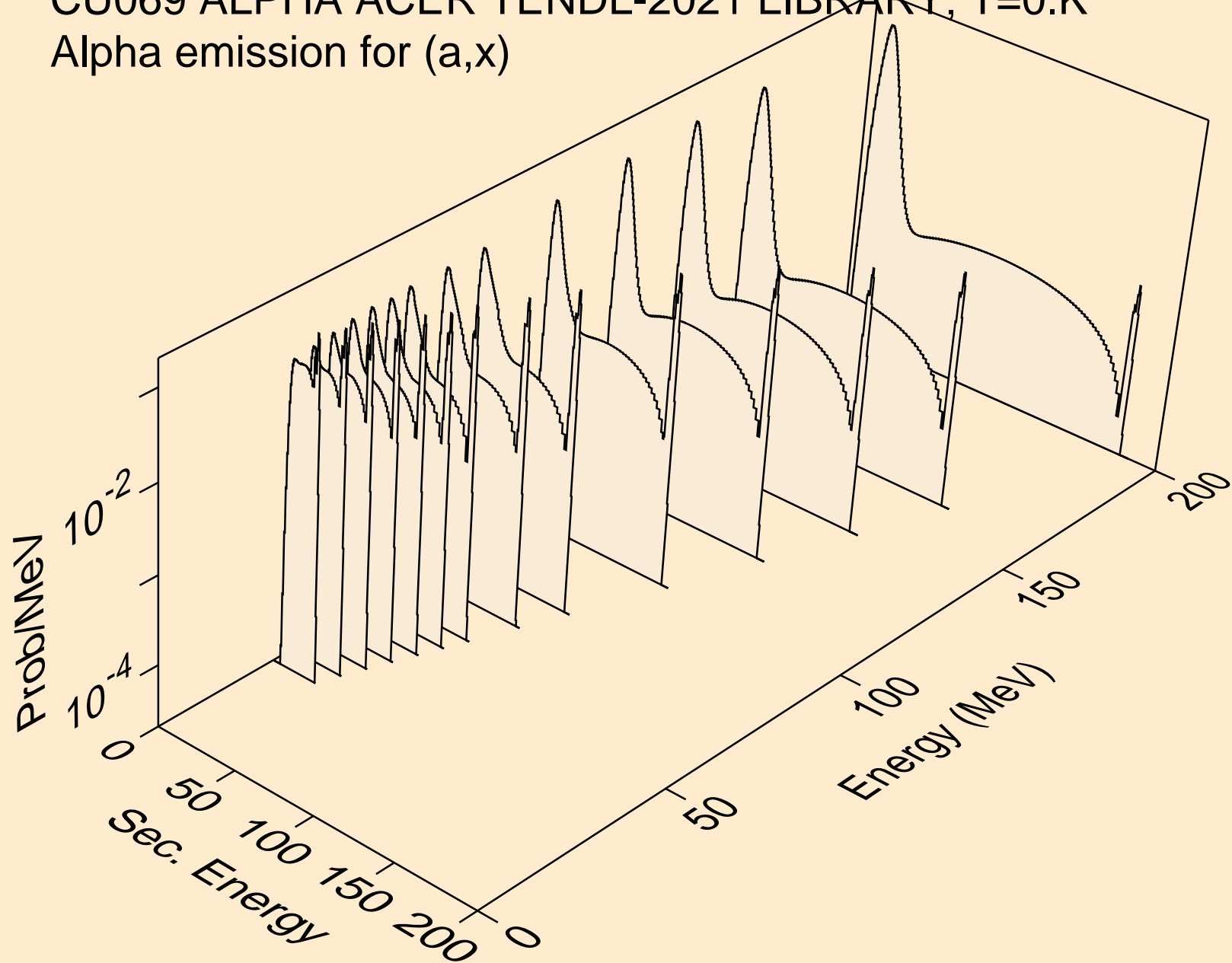




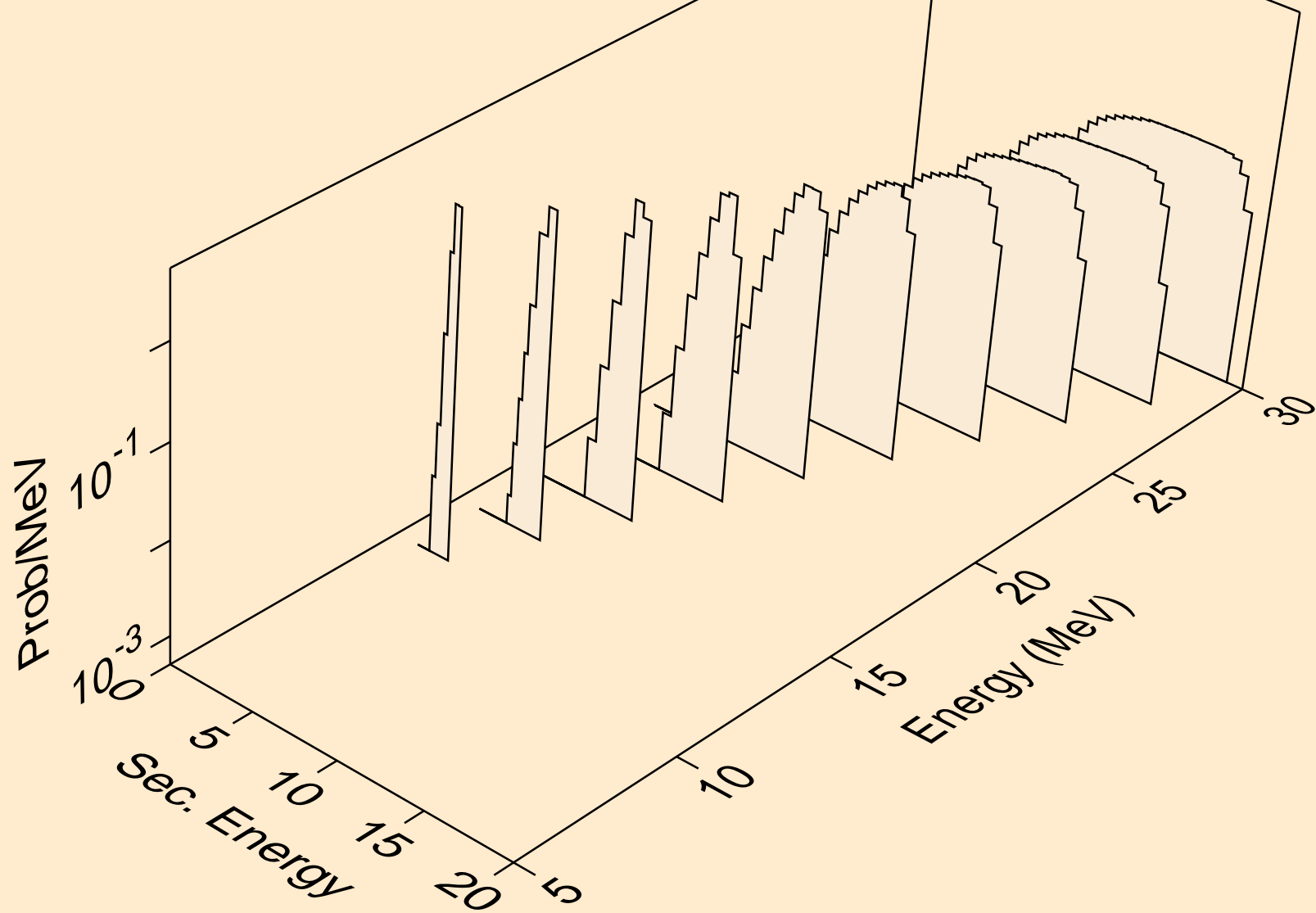
CU069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



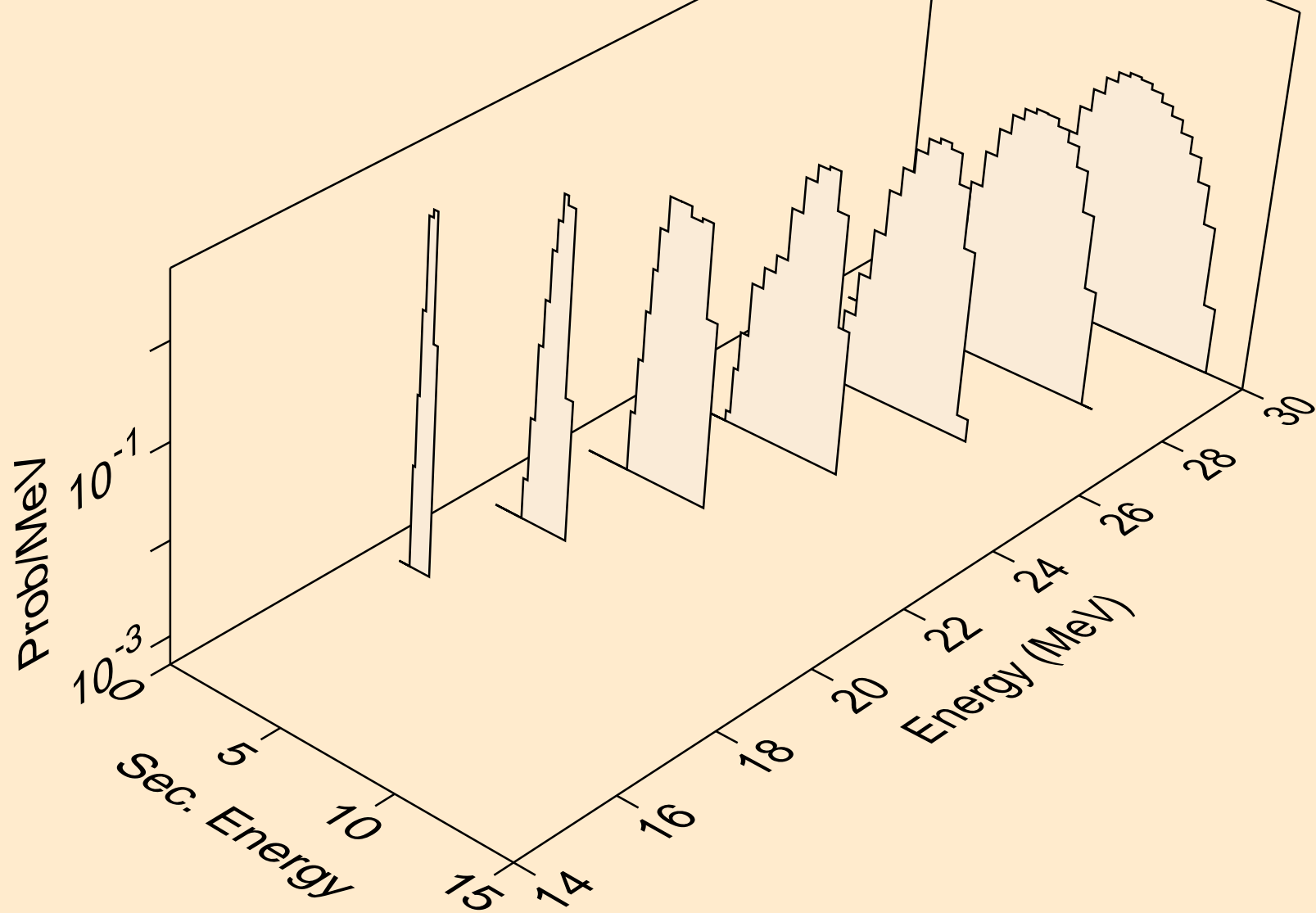
CU069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,x)



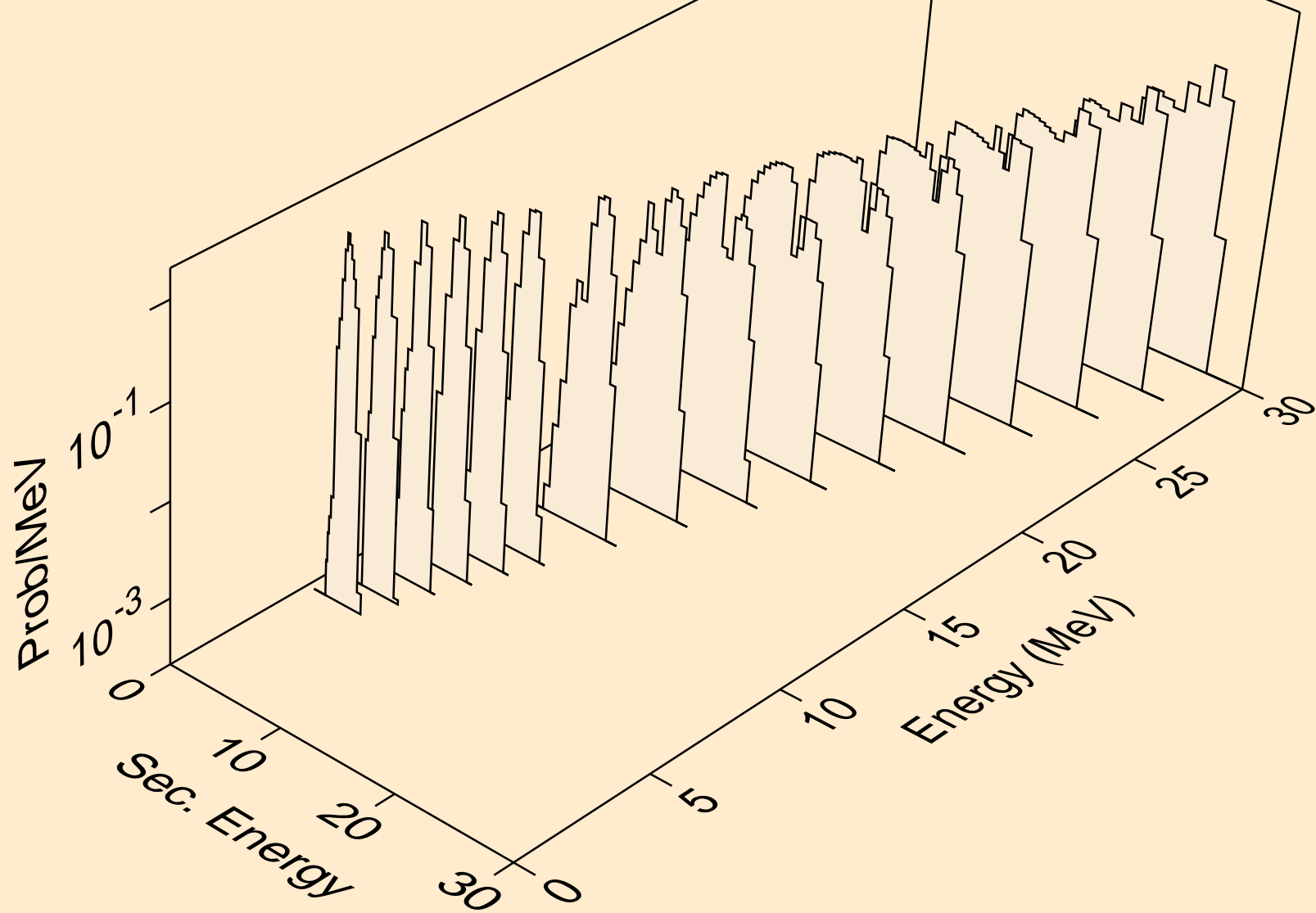
CU069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



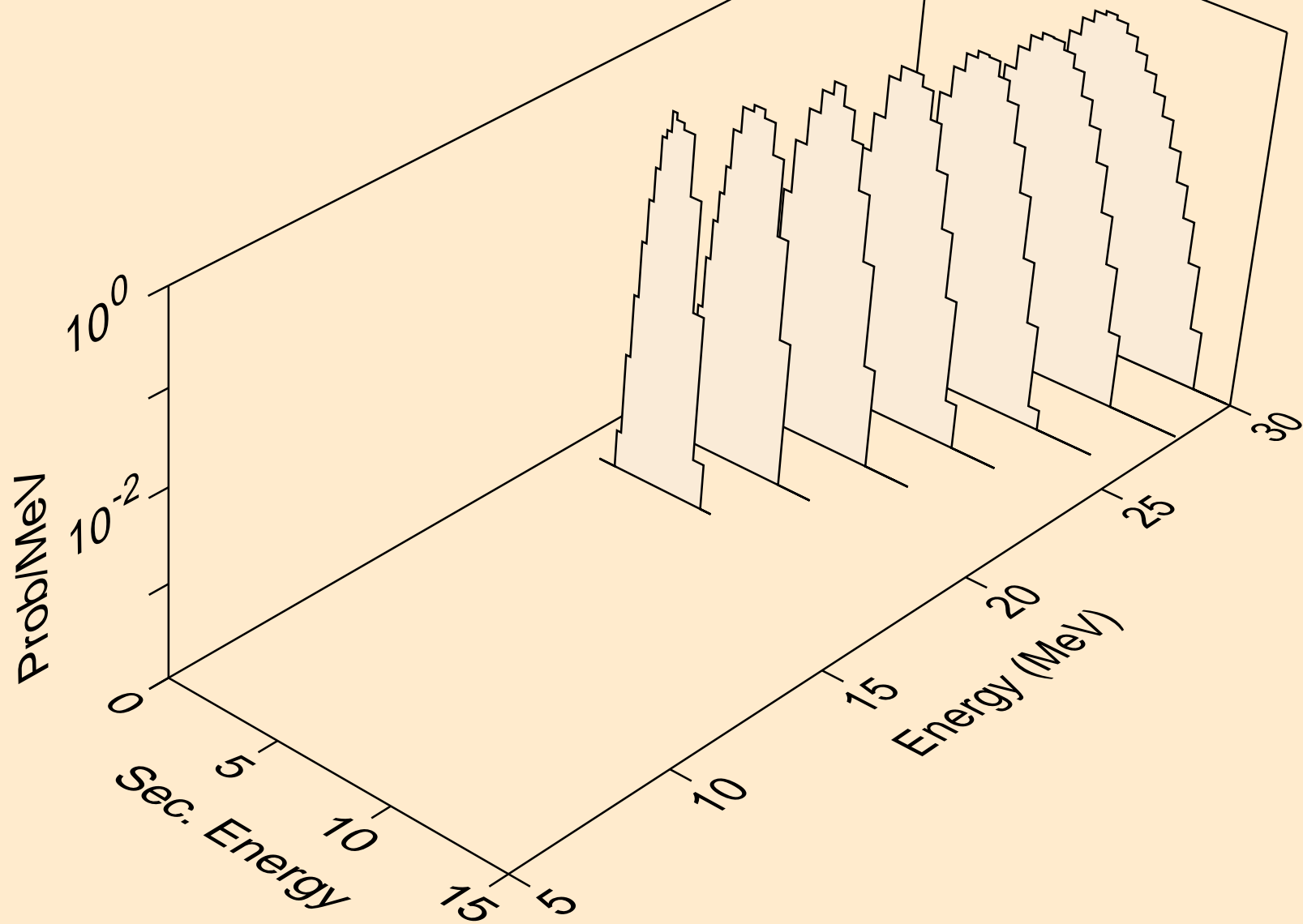
CU069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



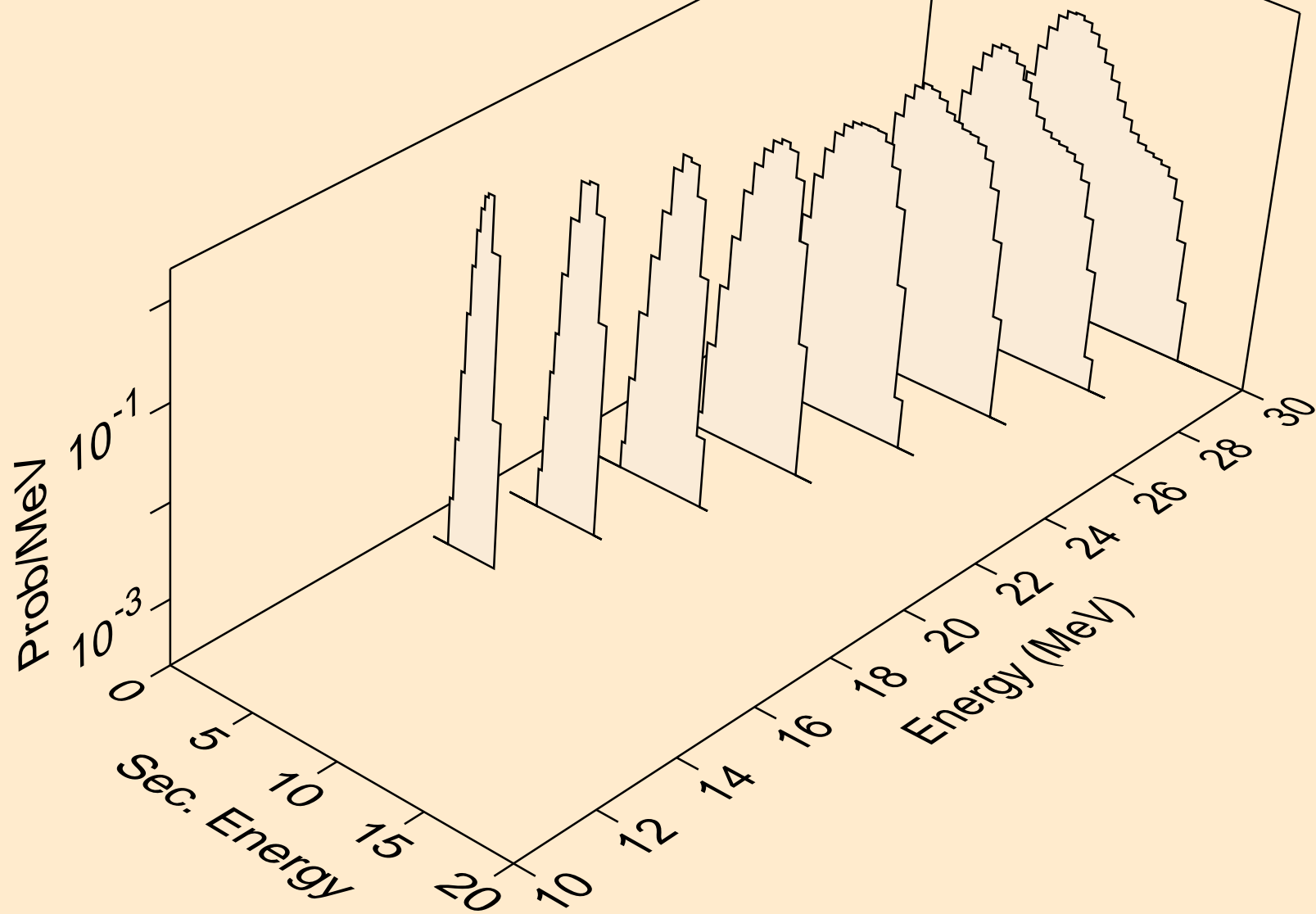
CU069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for inelastic



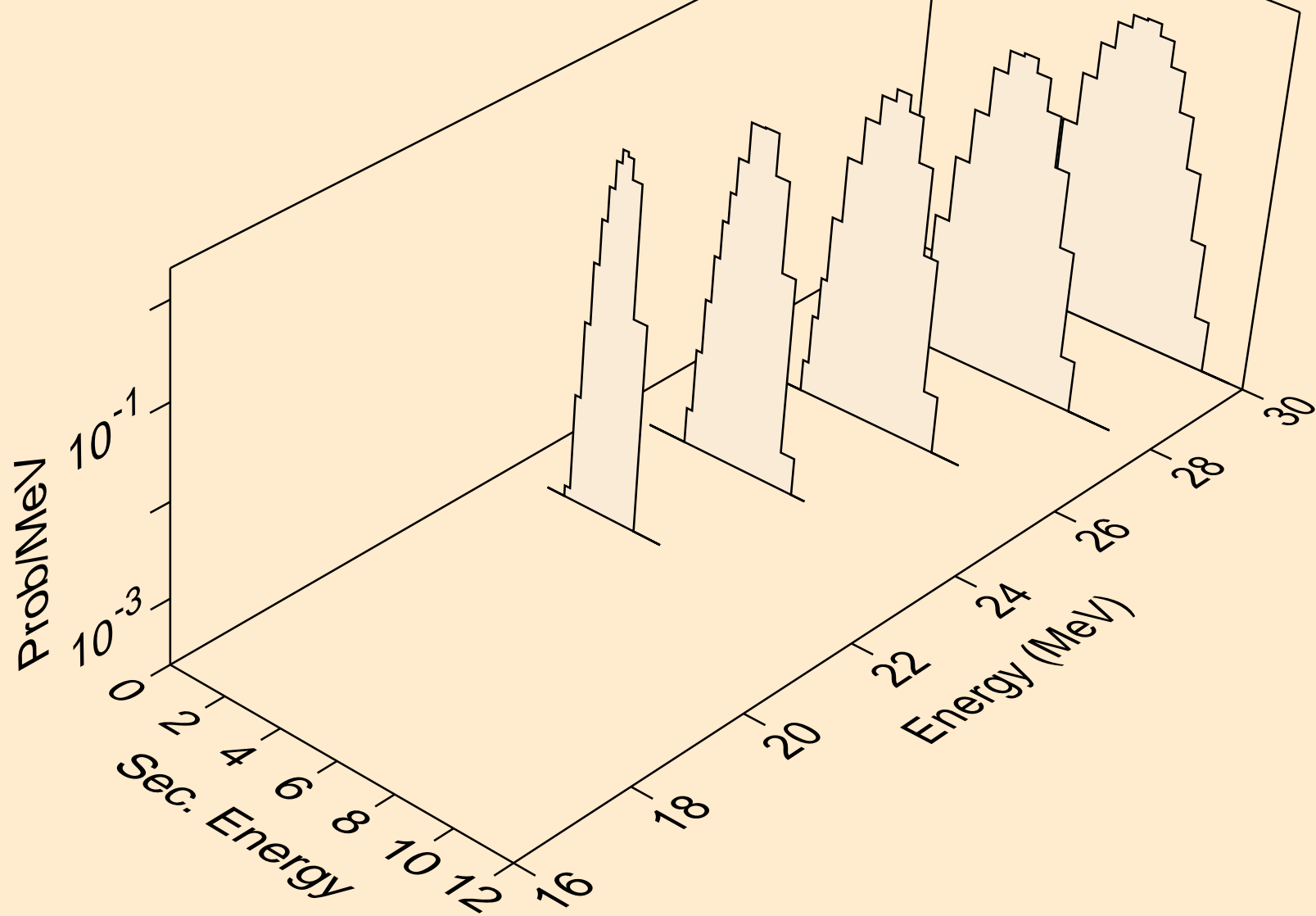
CU069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,2a)



CU069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,pa)

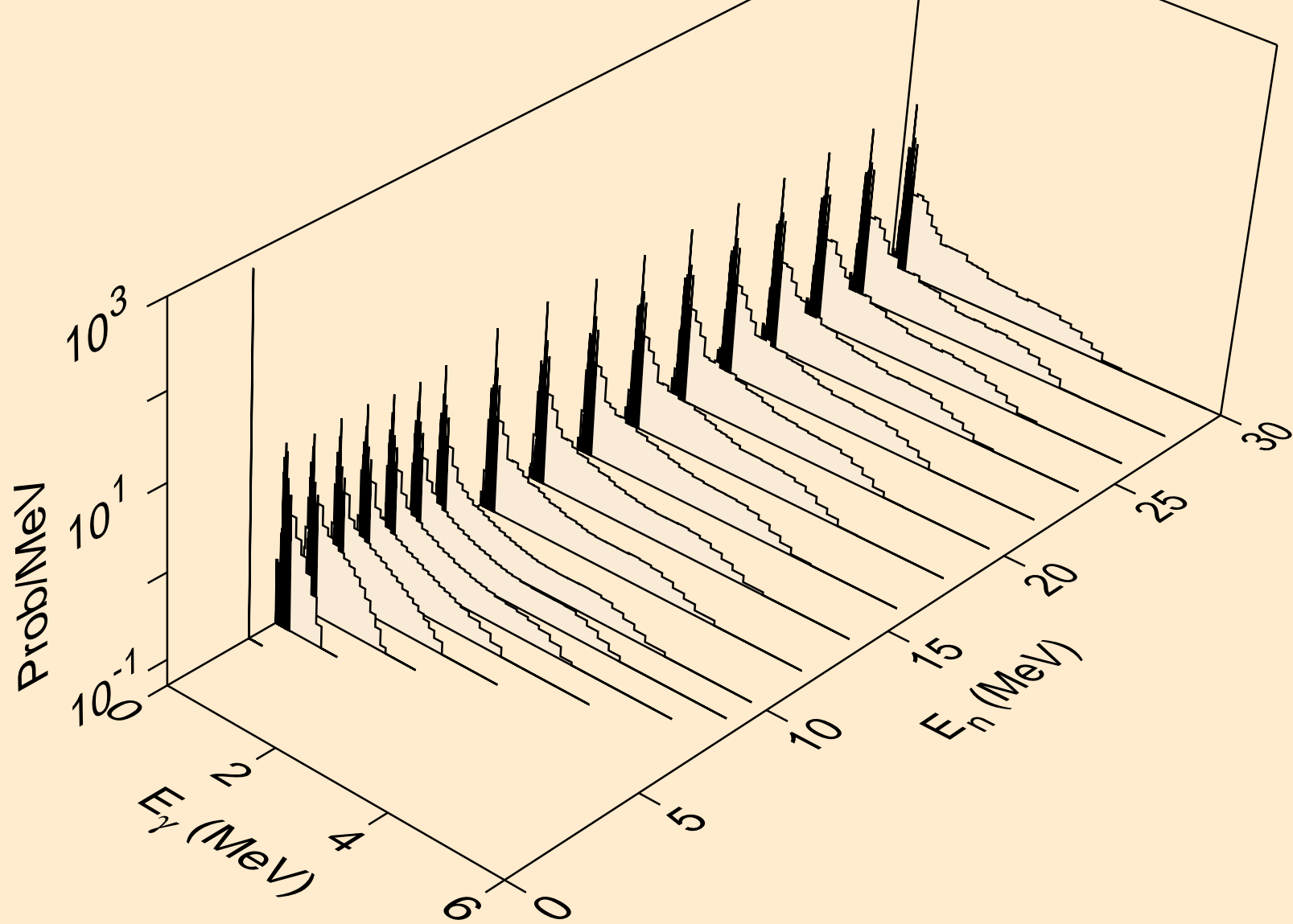


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Alpha emission for (a,da)

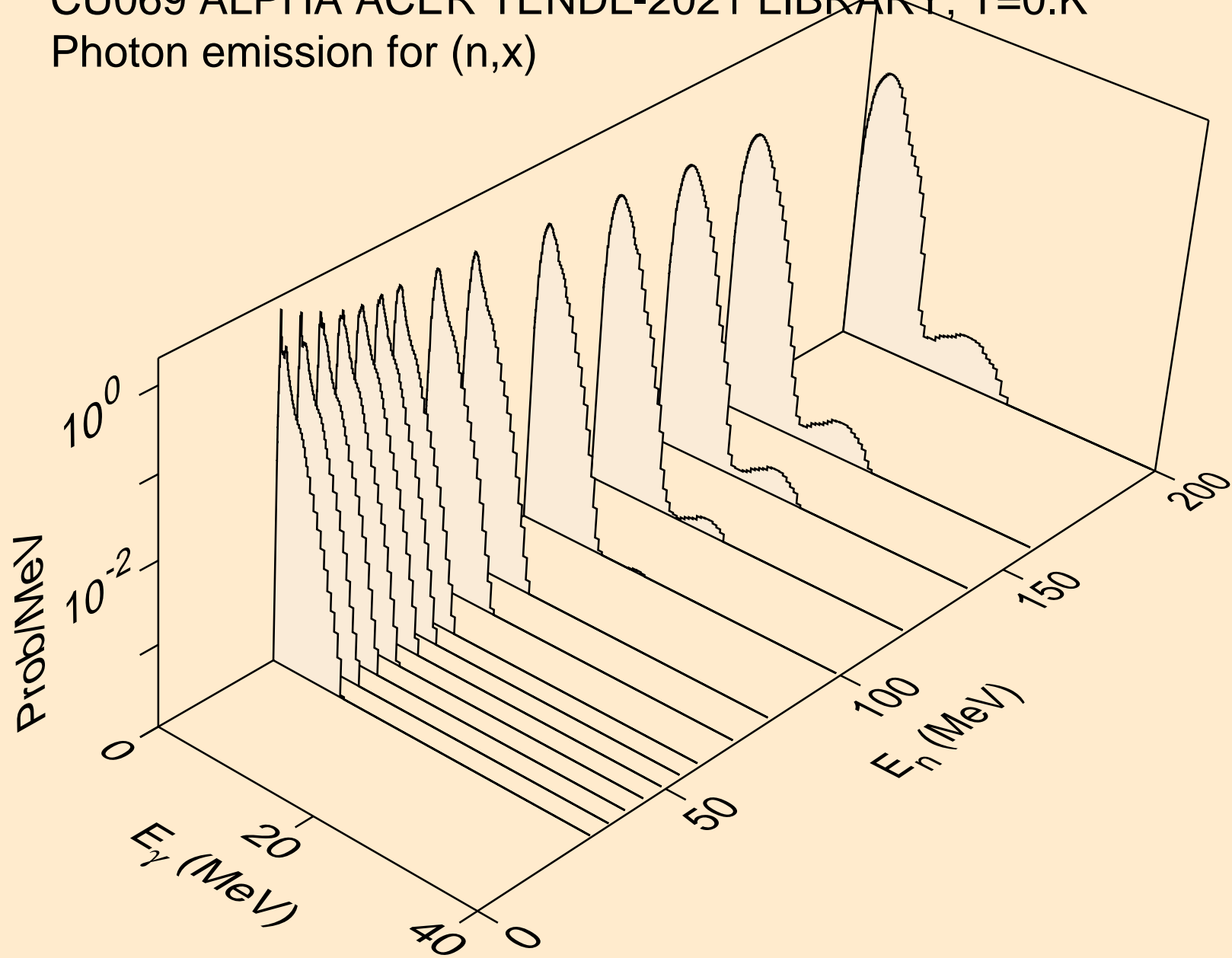




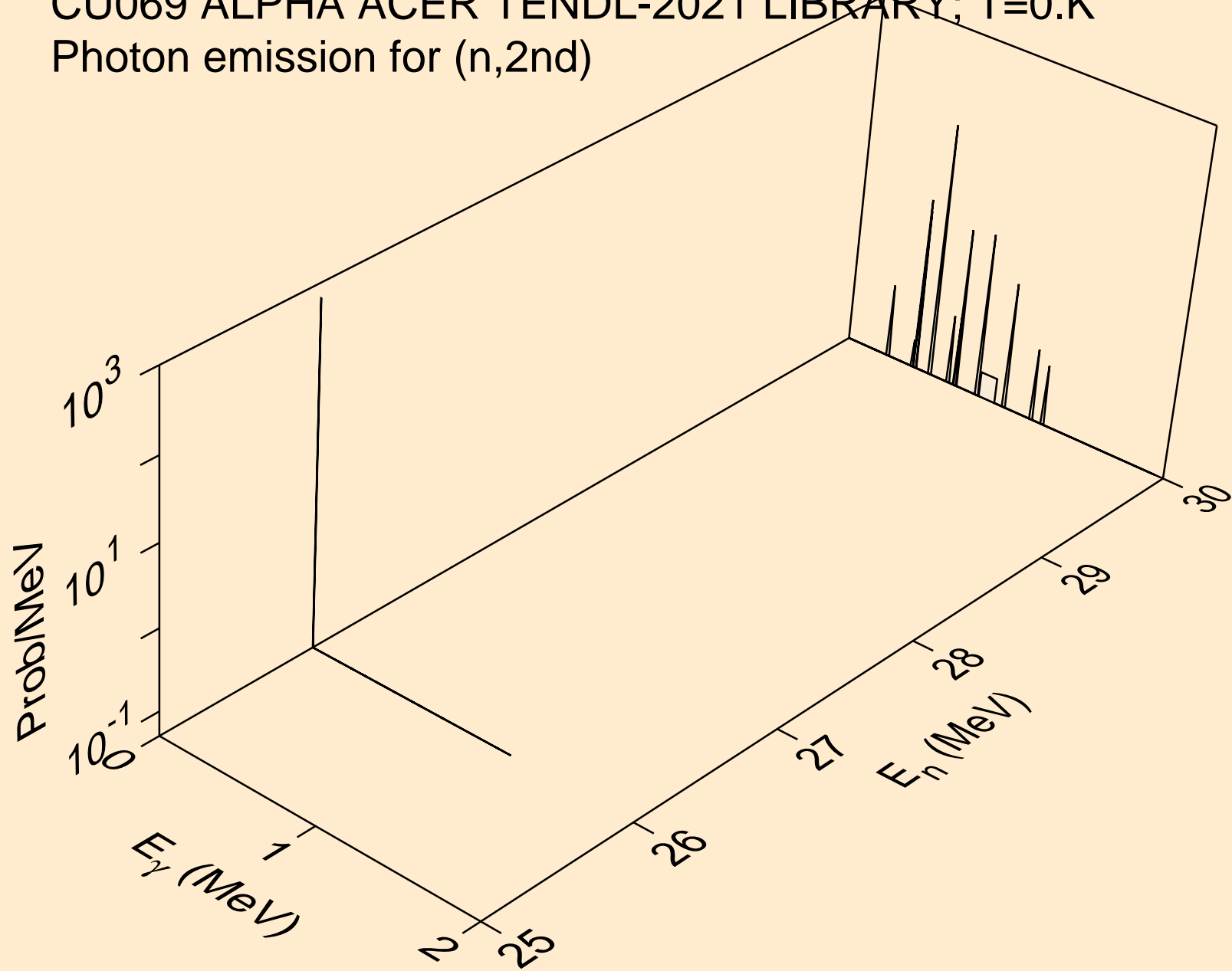
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Photon emission for (z,n)



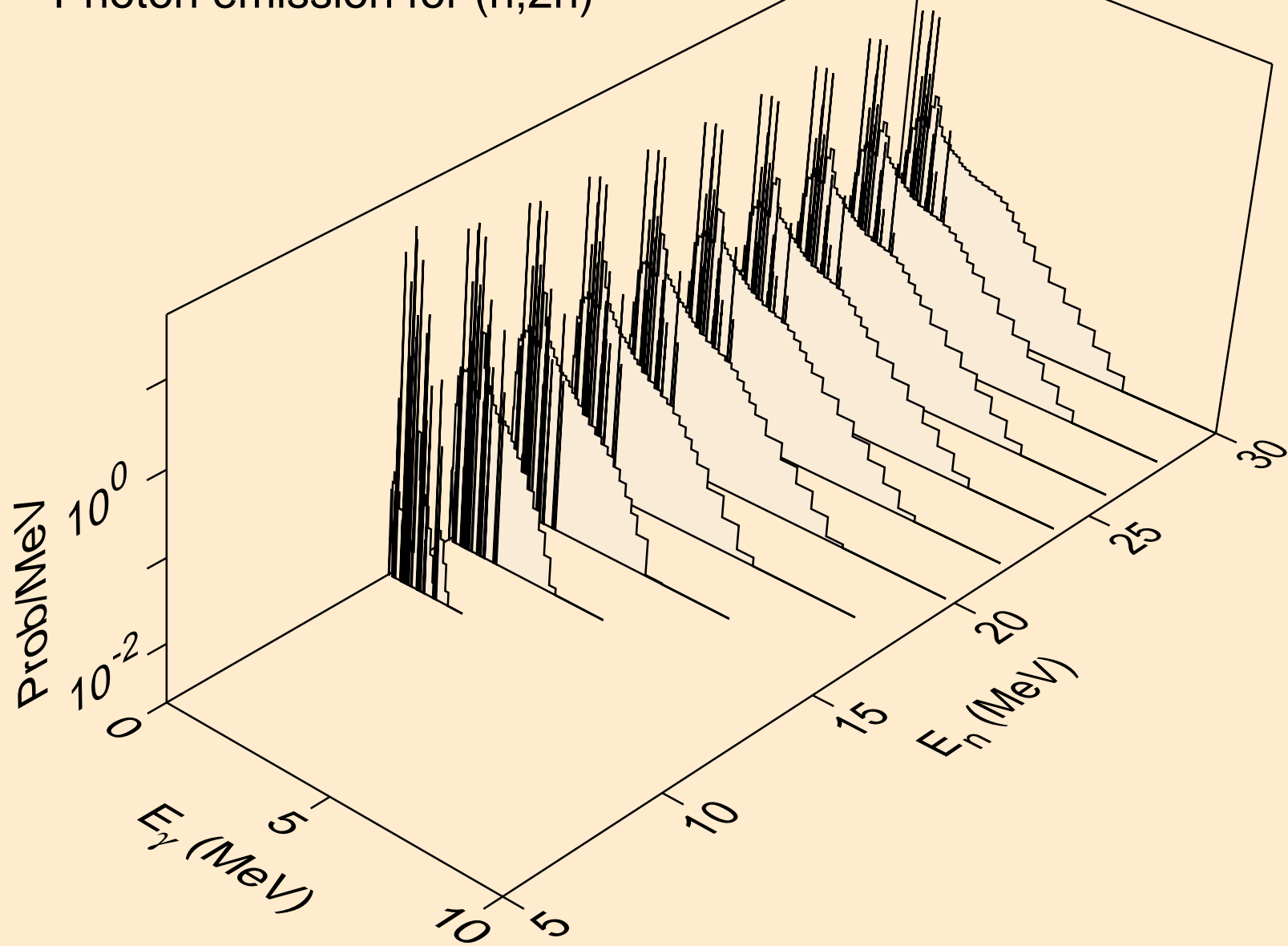
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Photon emission for (n,x)



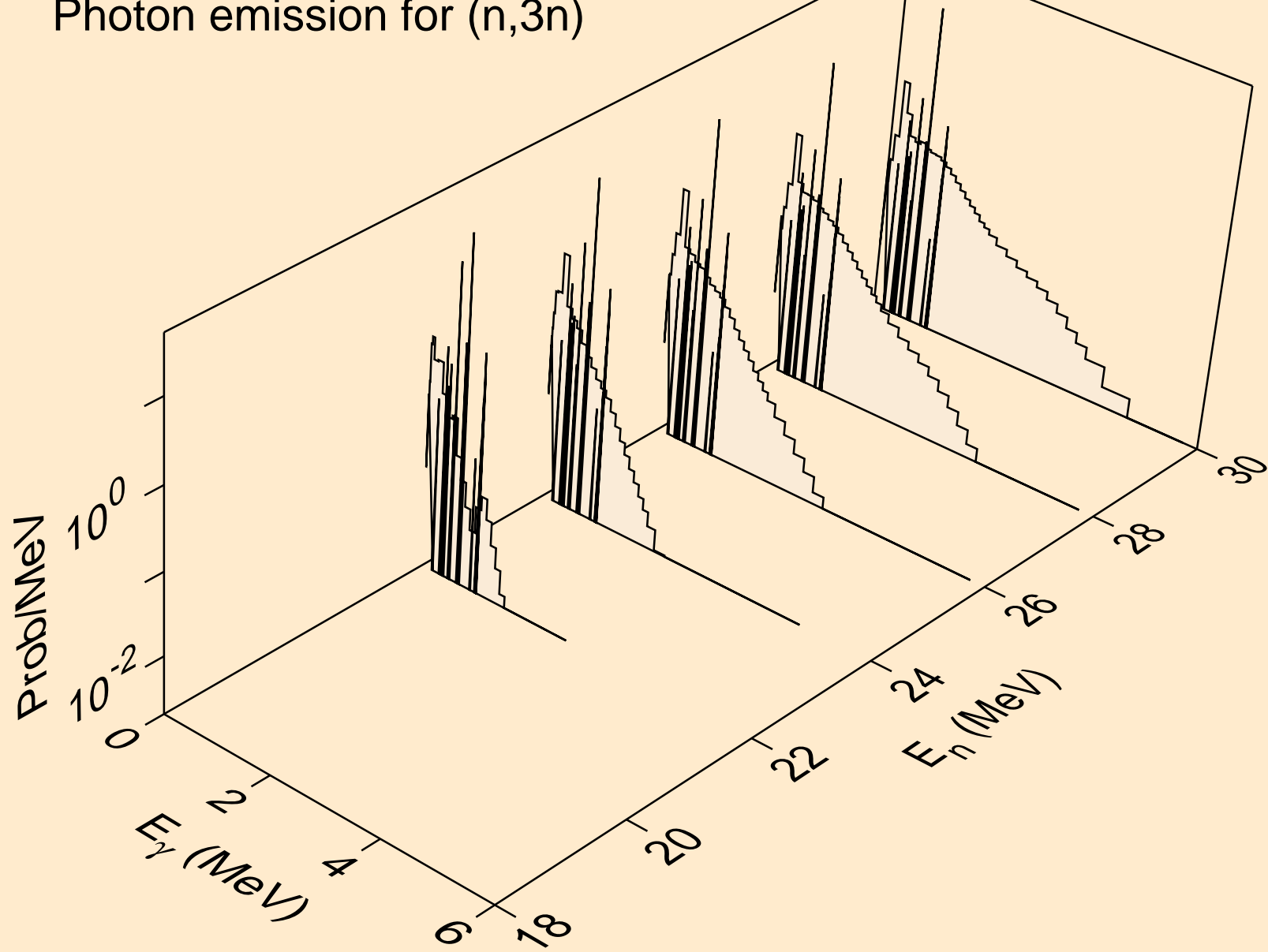
CU069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)



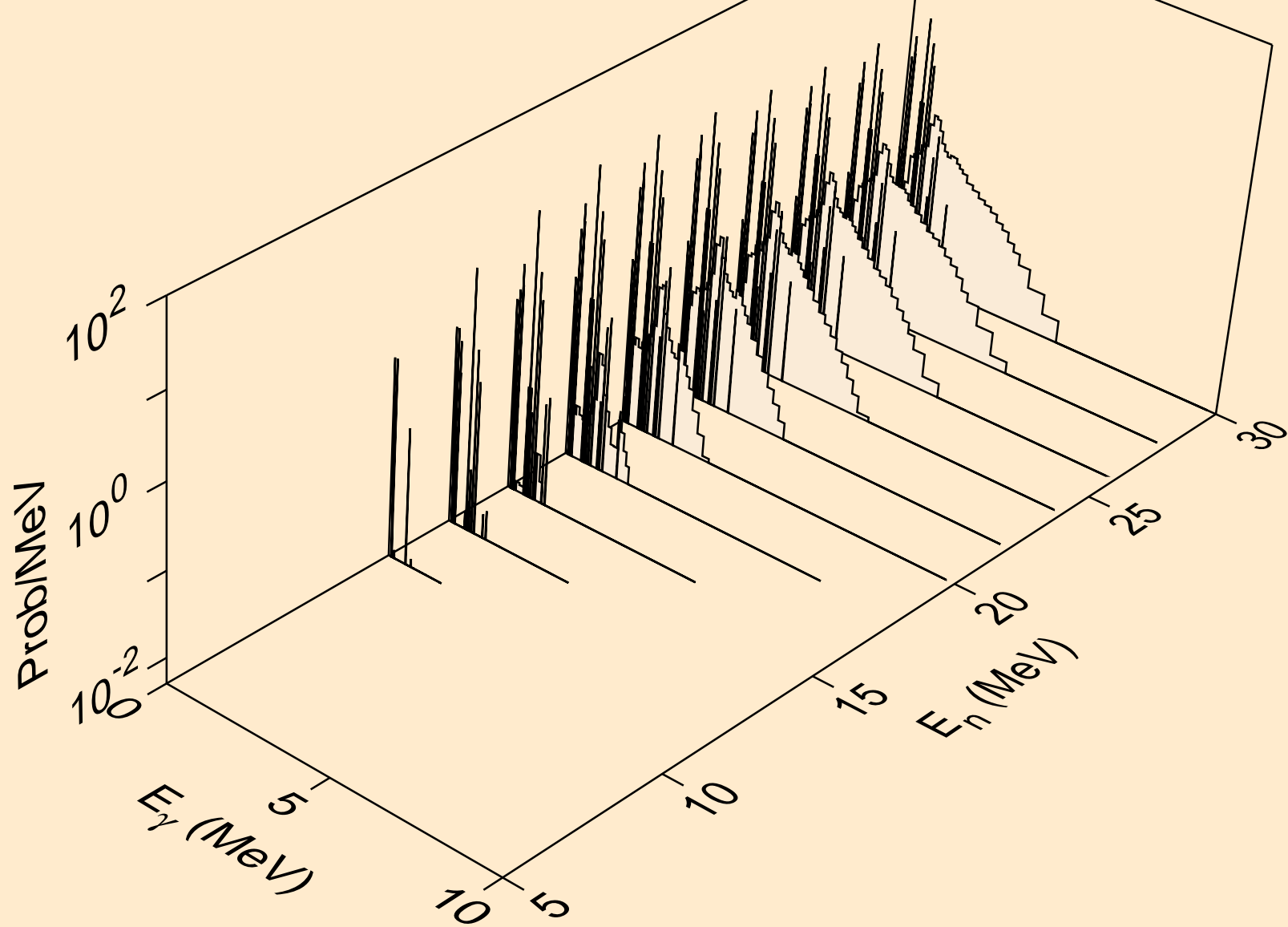
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Photon emission for (n,2n)



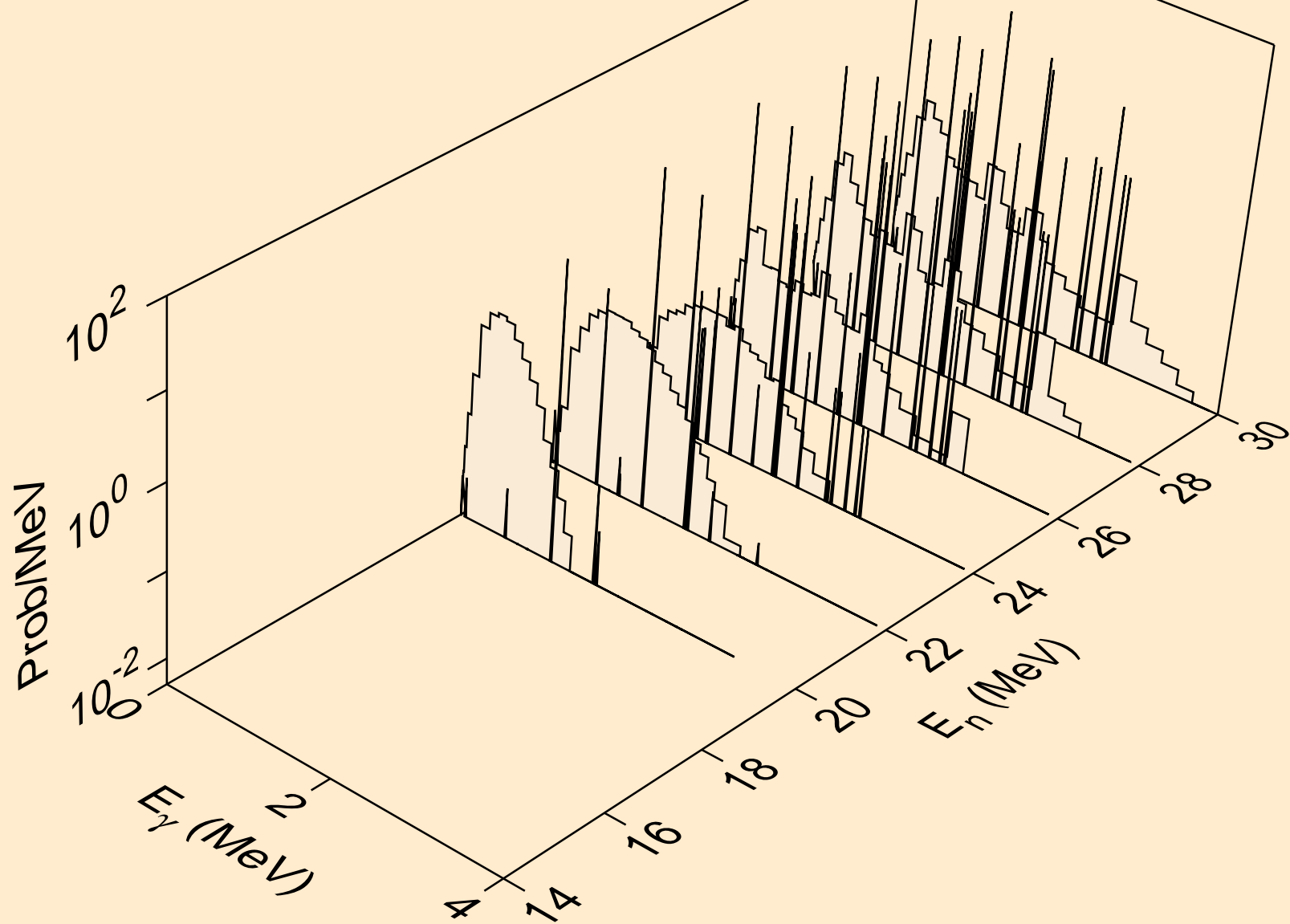
CU069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



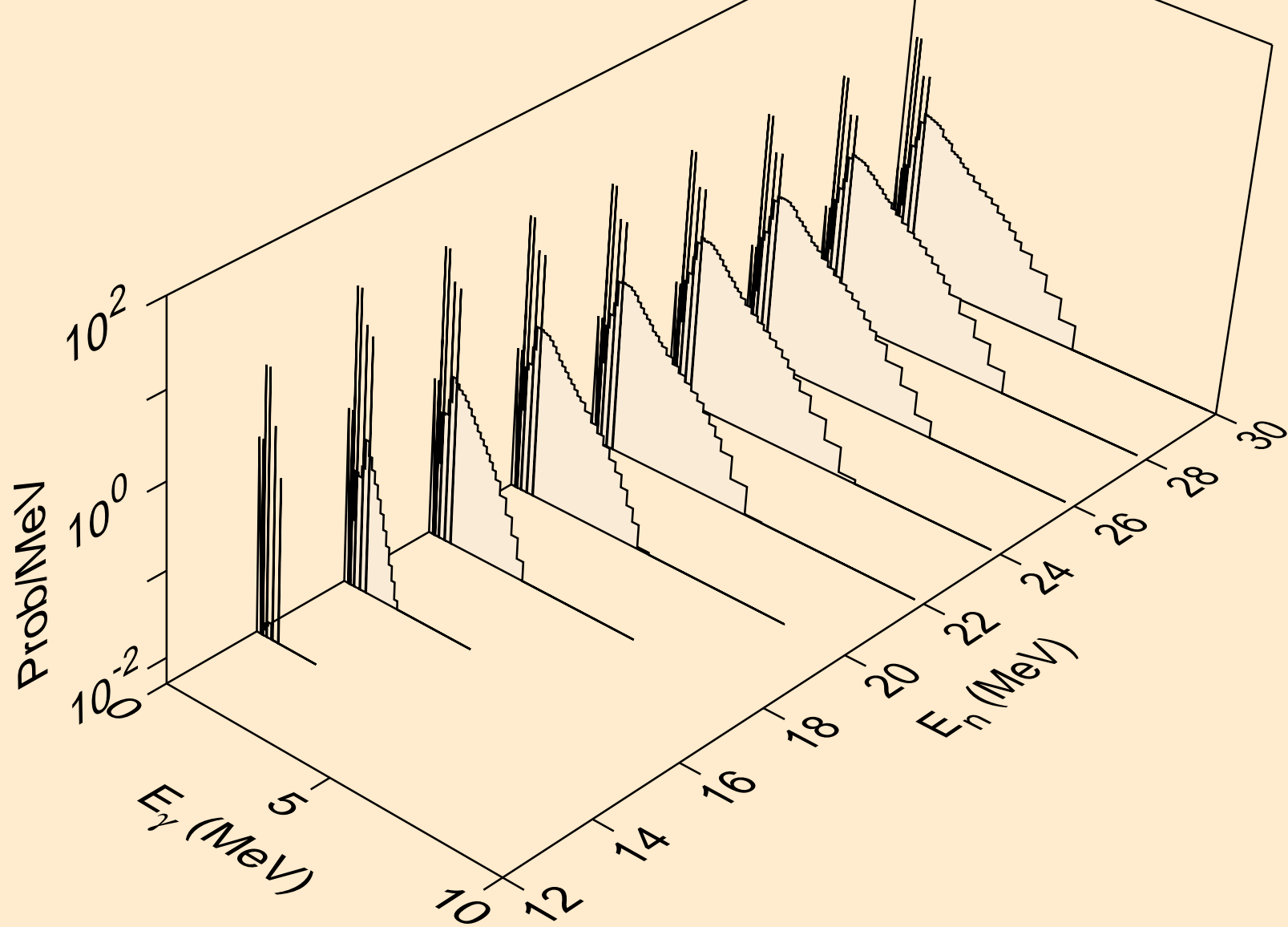
CU069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



CU069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a

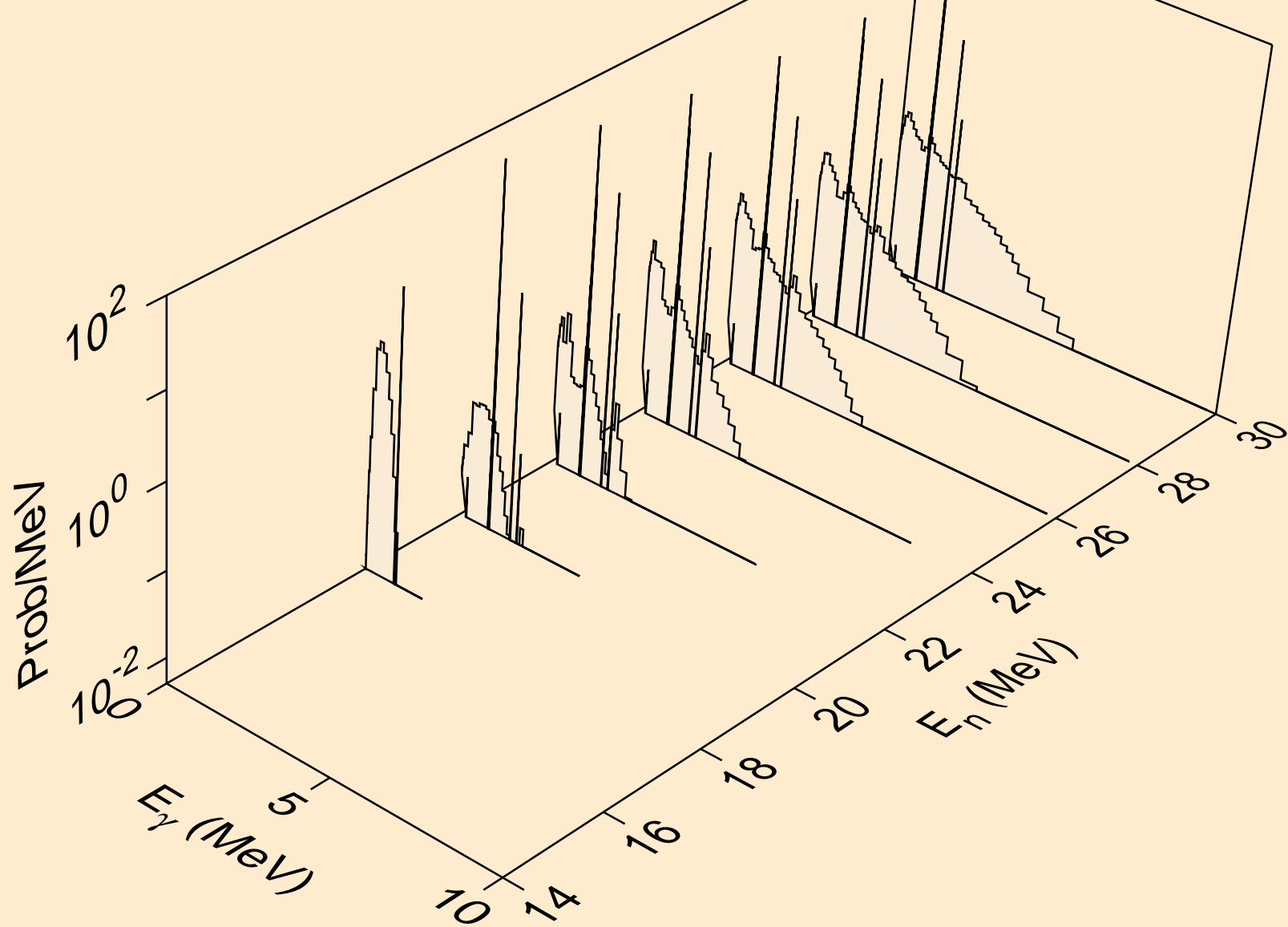


CU069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

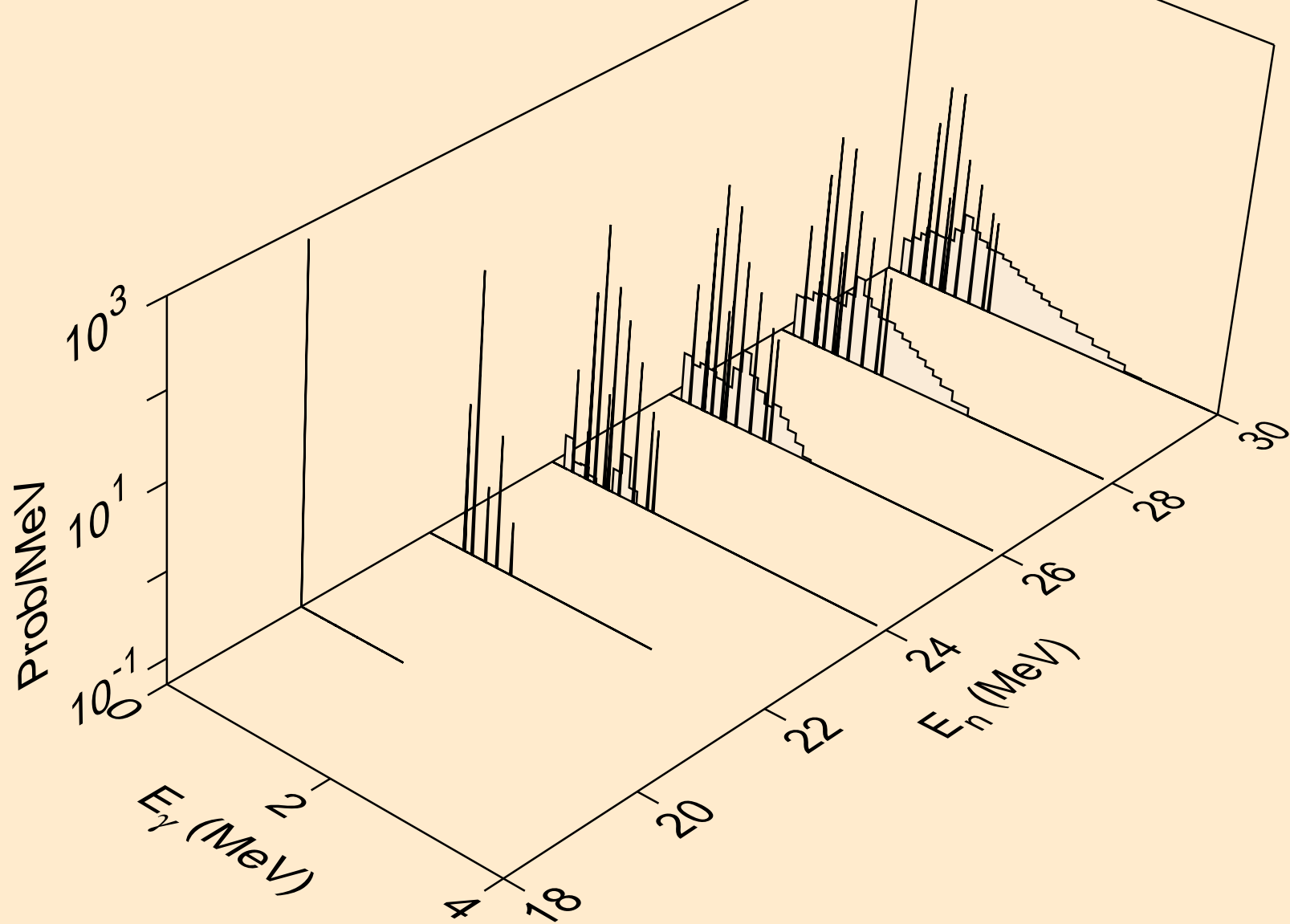




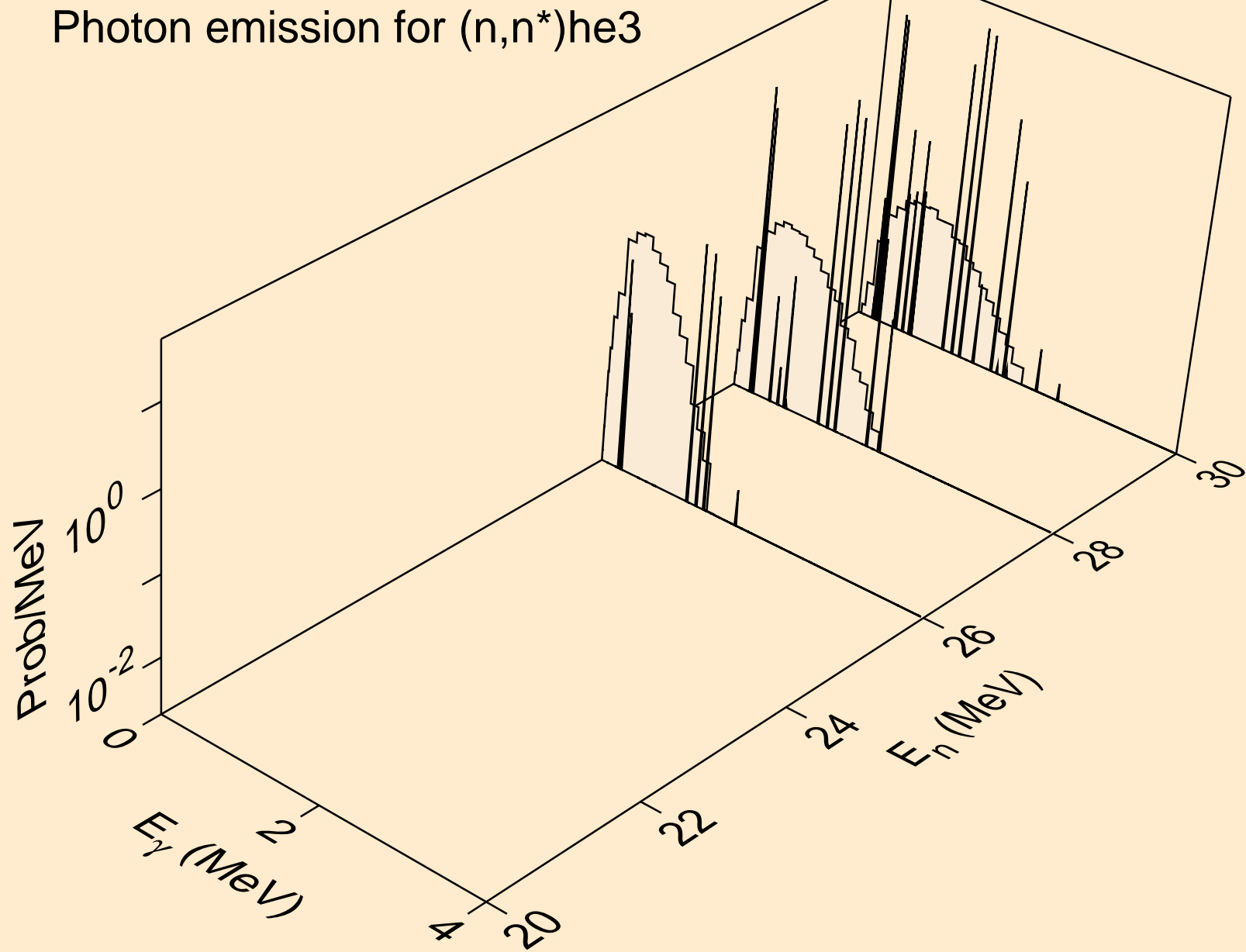
CU069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



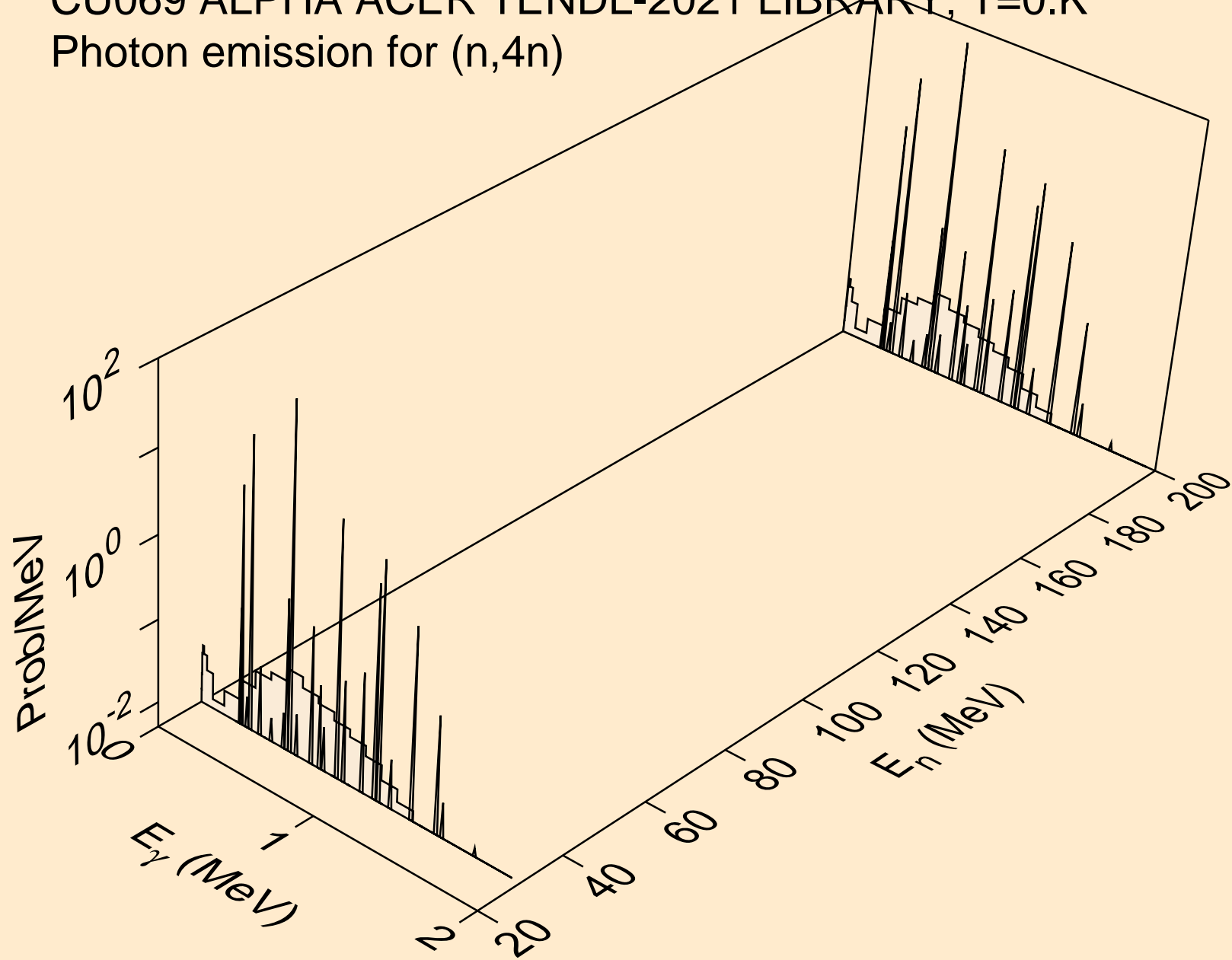
CU069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



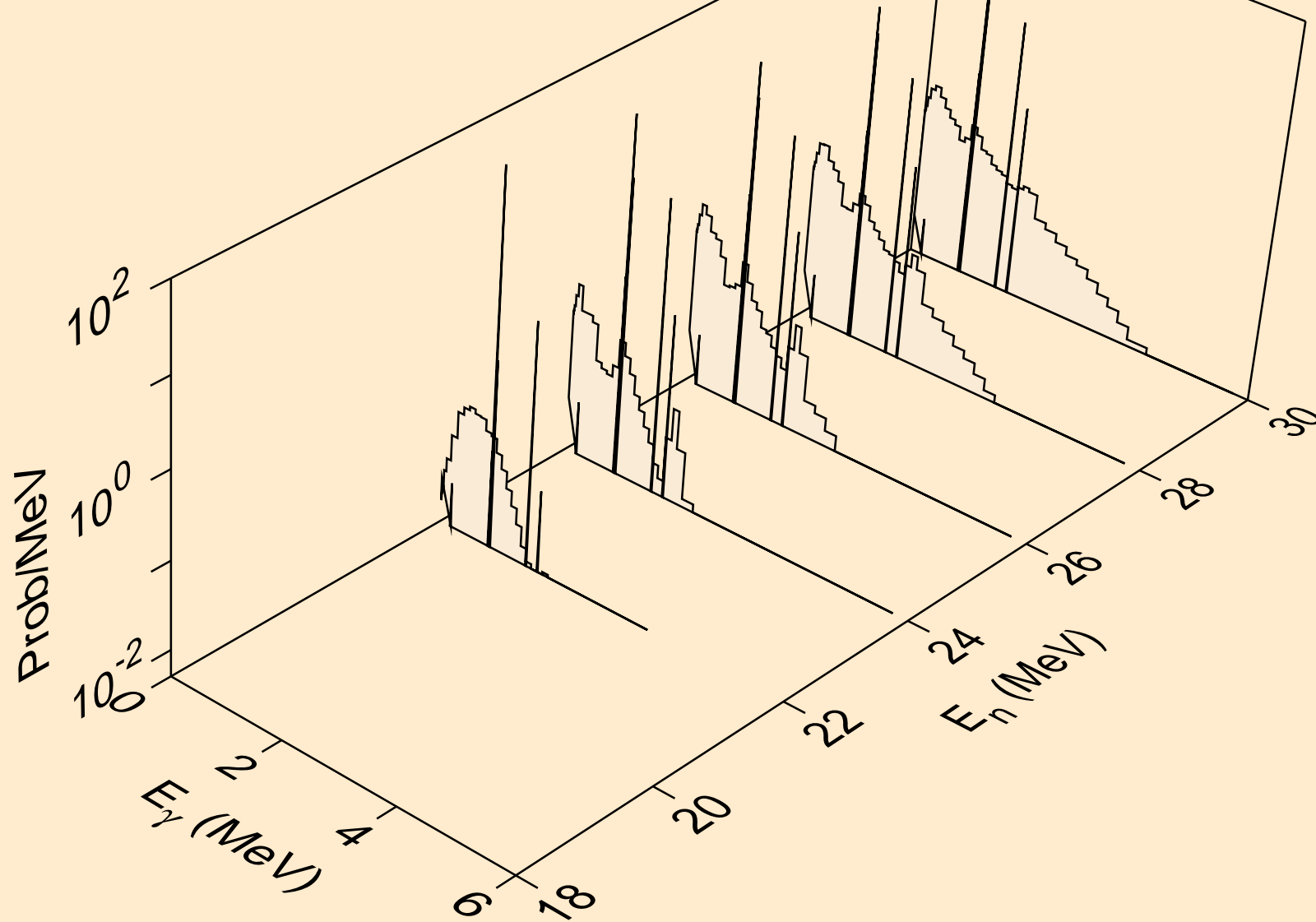
CU069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



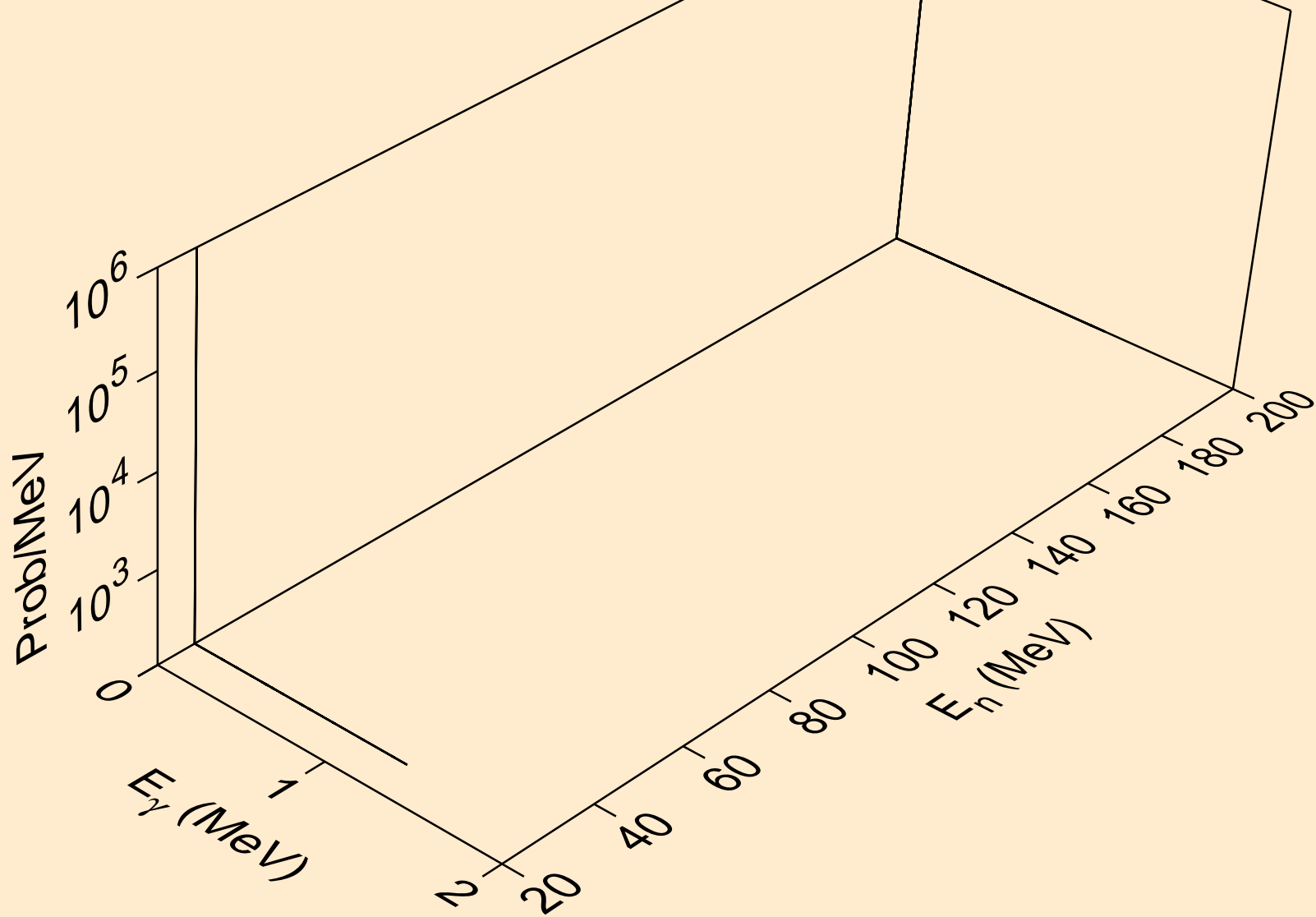
CU069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,4n)



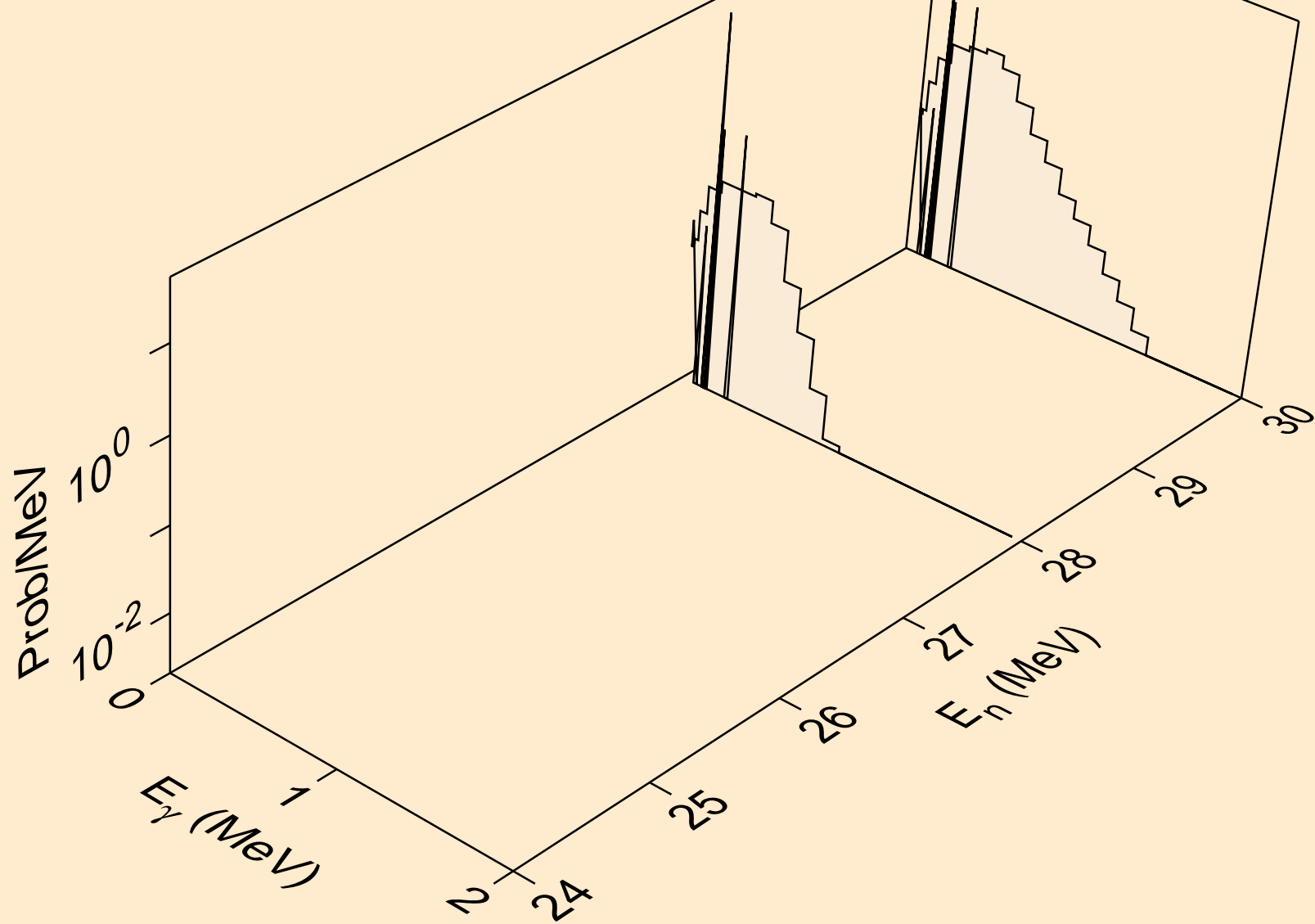
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Photon emission for (n,2np)



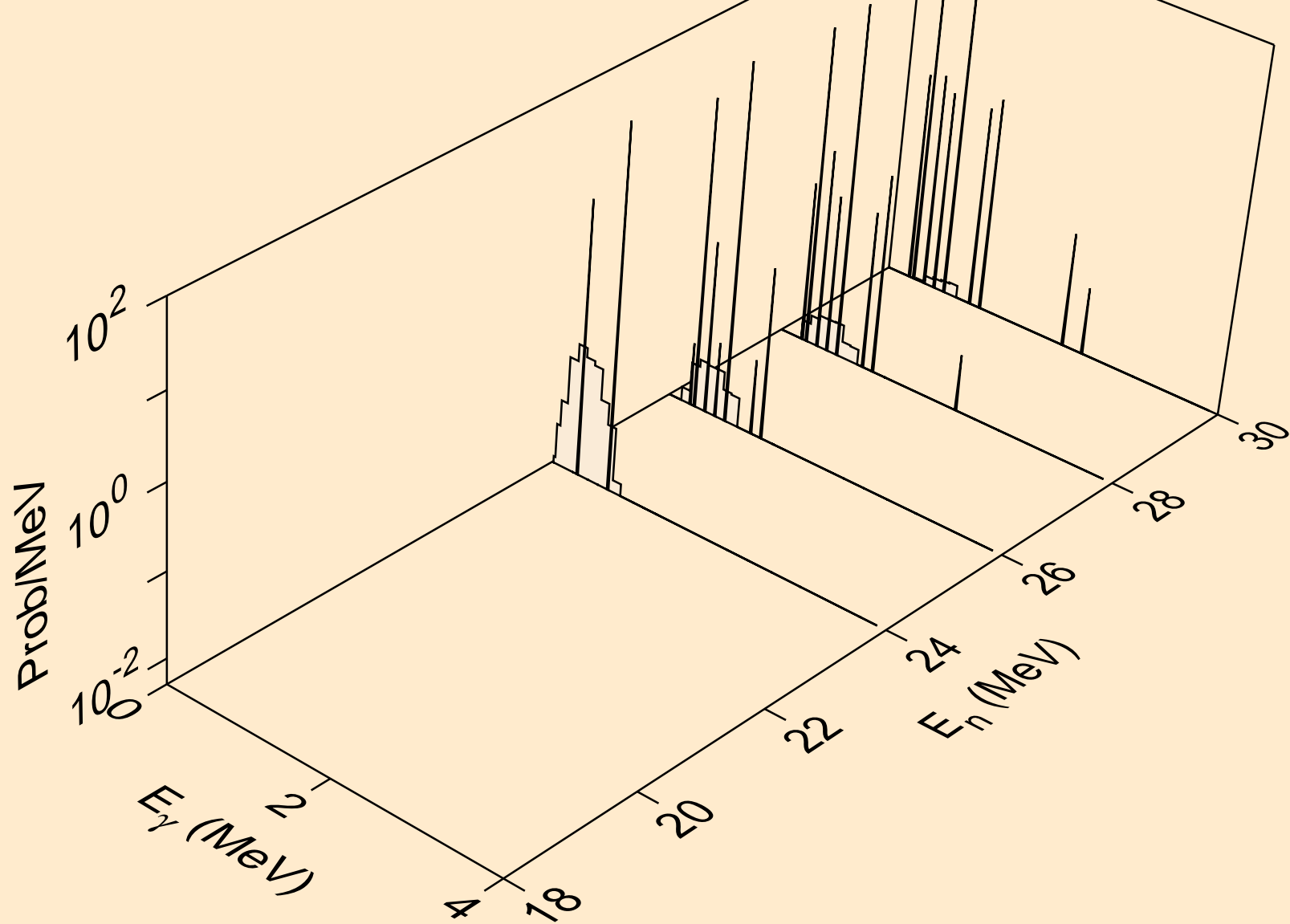
CU069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3np)



CU069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)

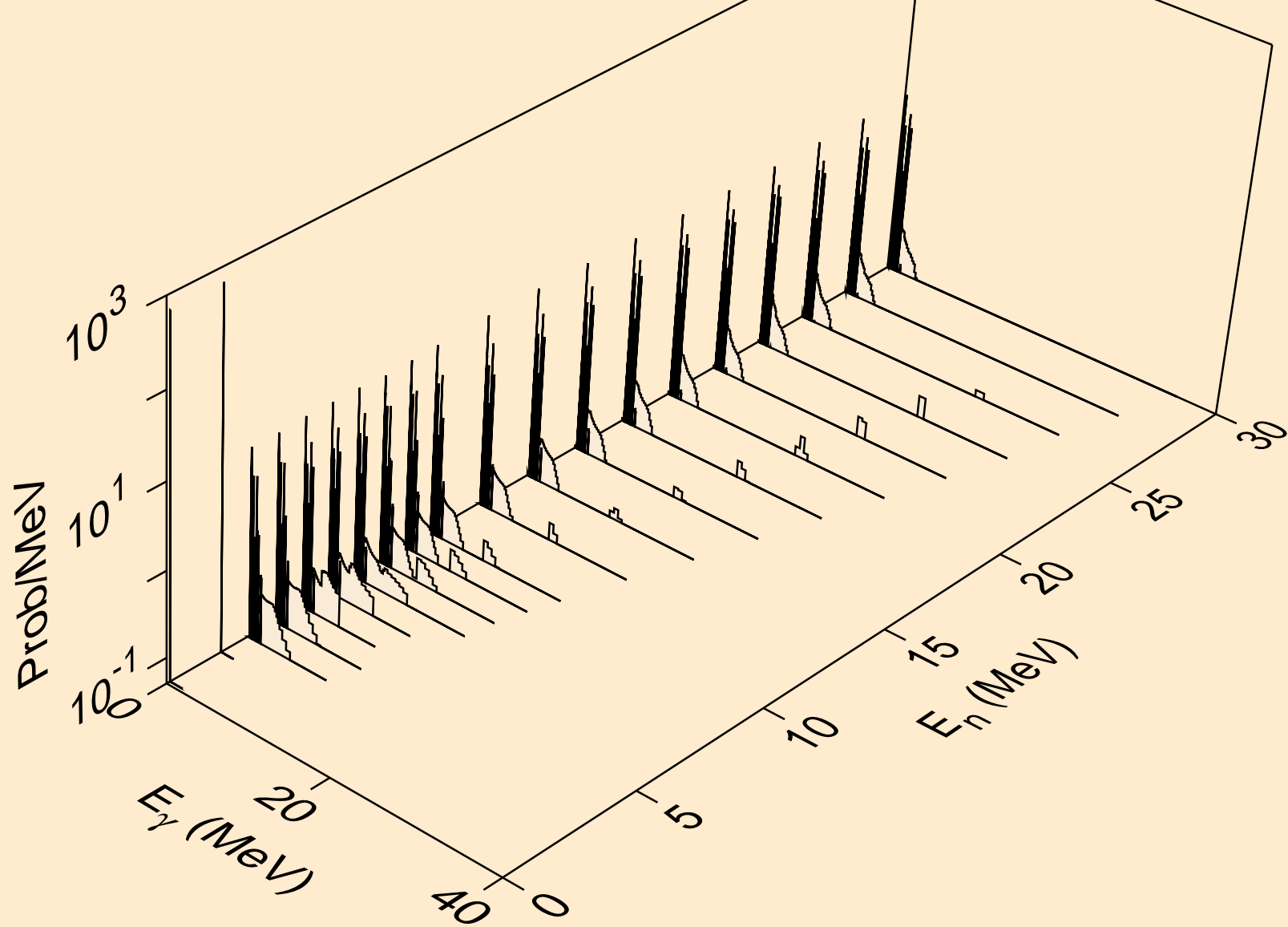


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Photon emission for (n,npa)

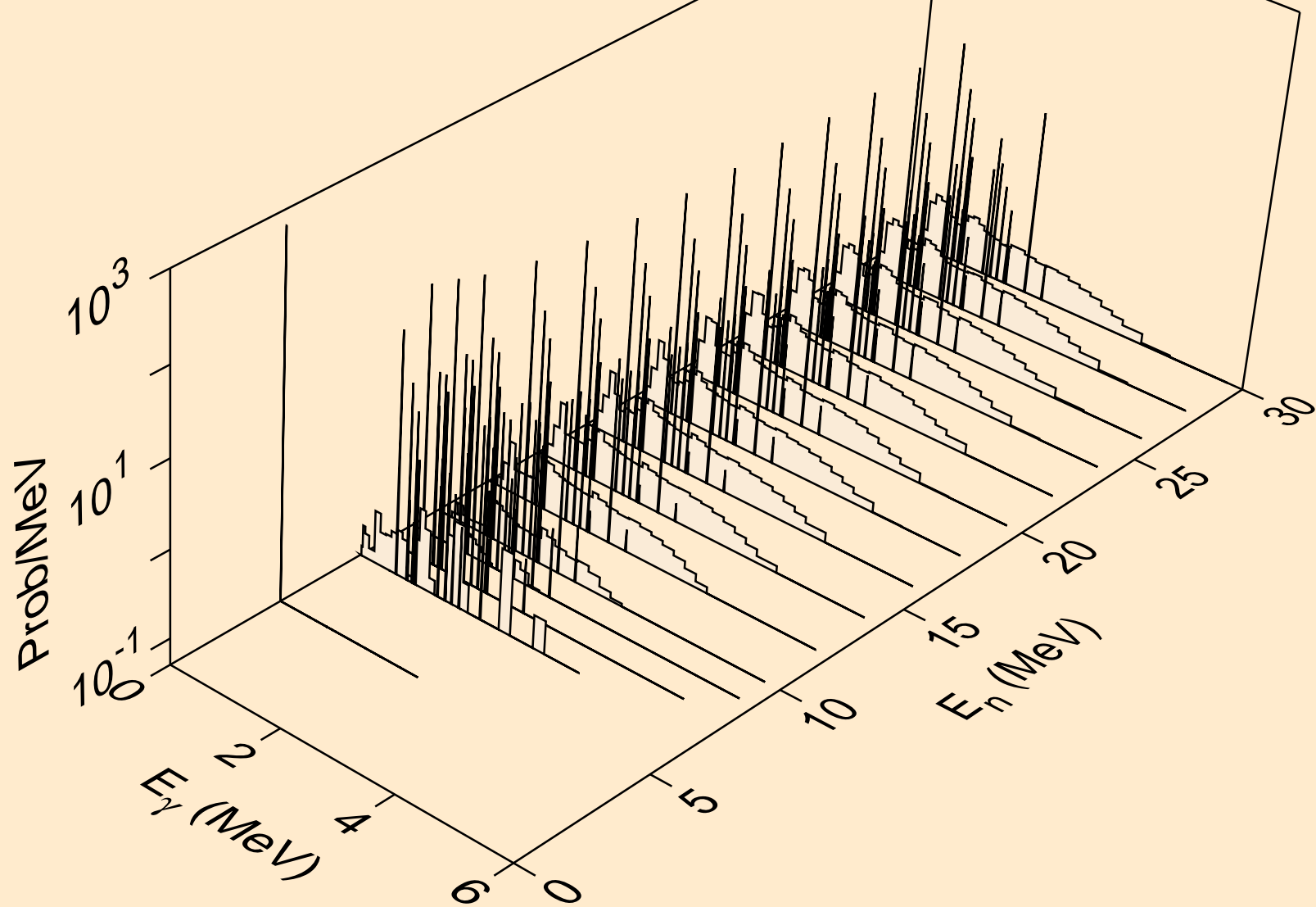




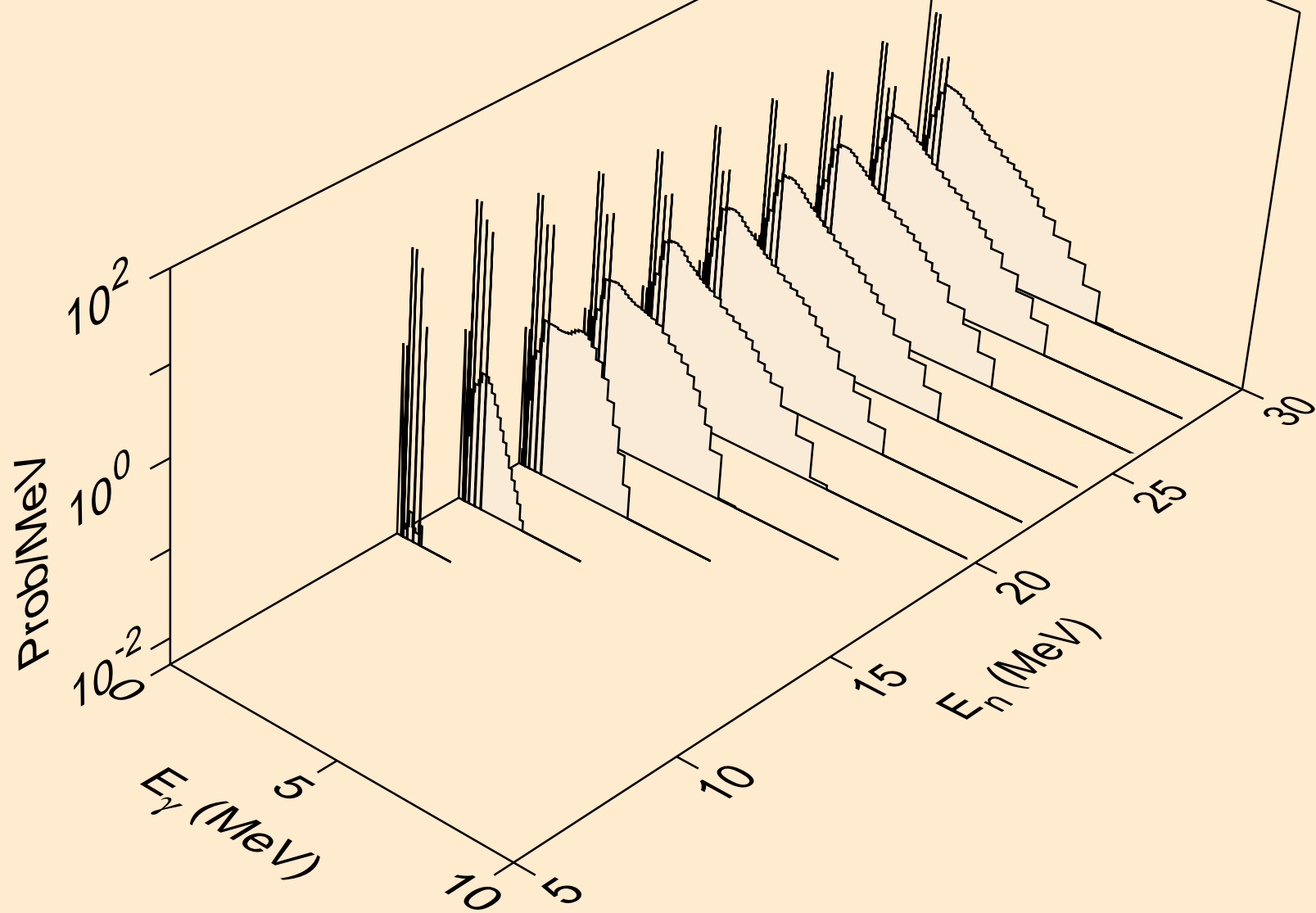
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Photon emission for (n,gma)



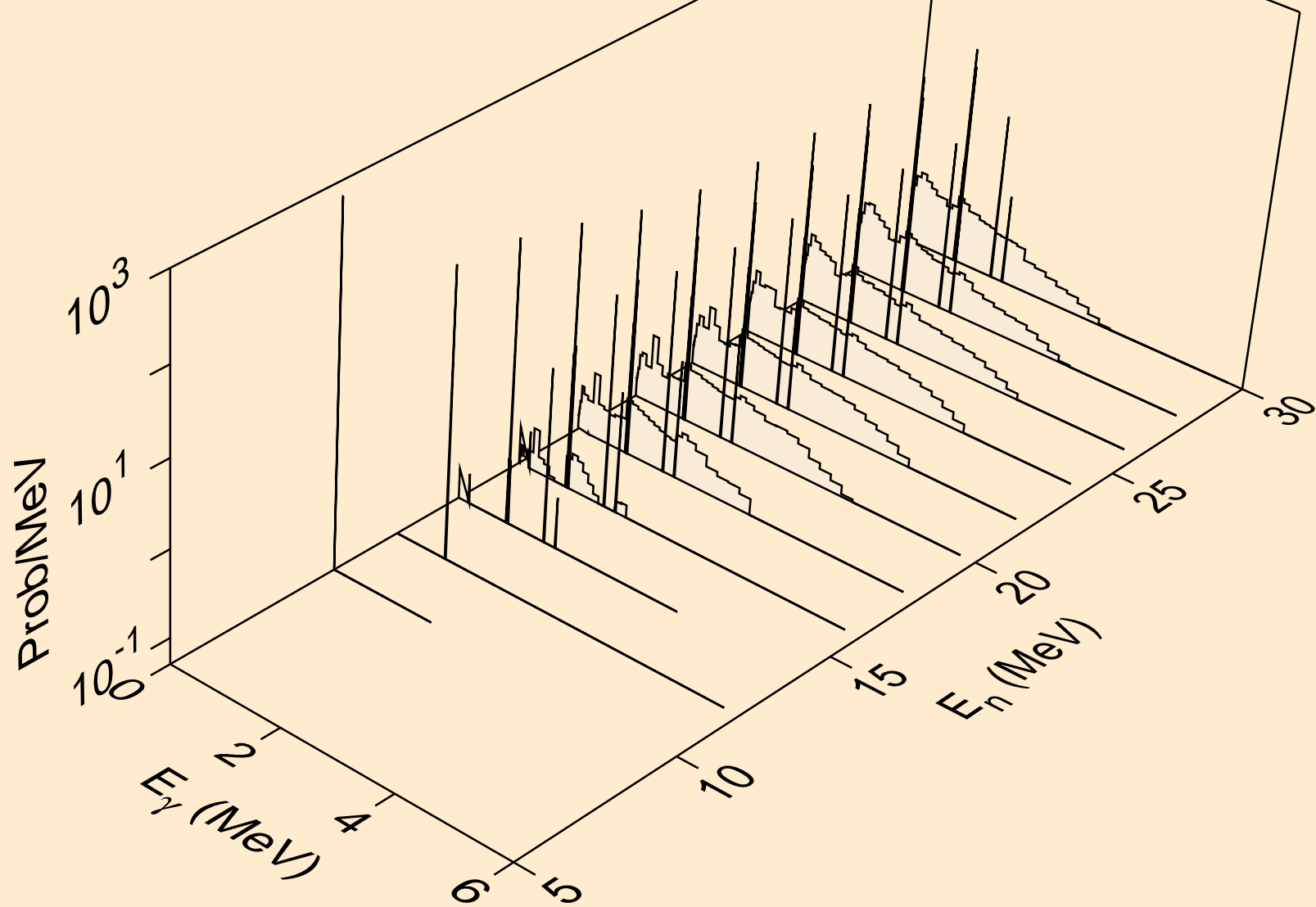
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Photon emission for (n,p)



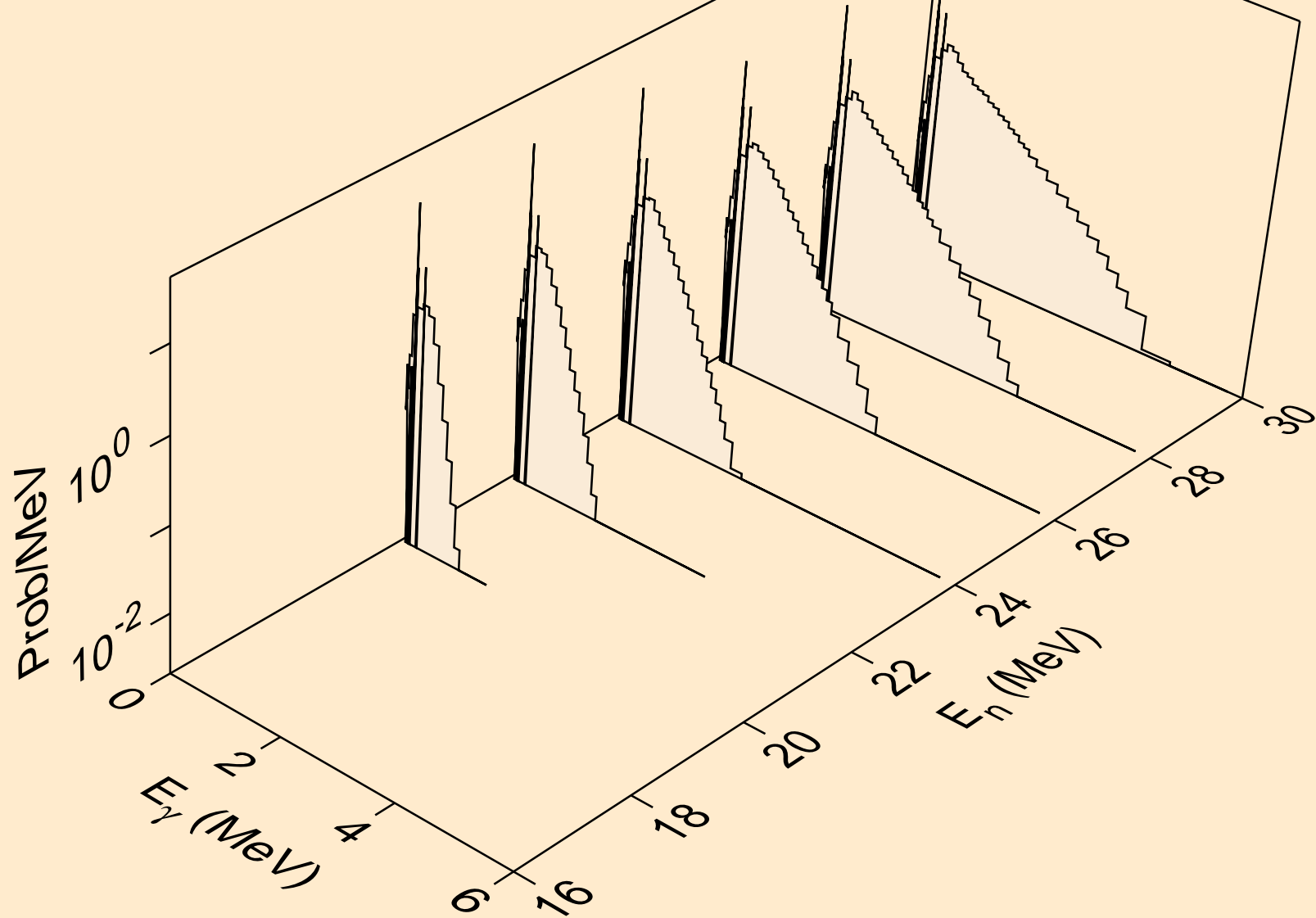
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Photon emission for (n,d)



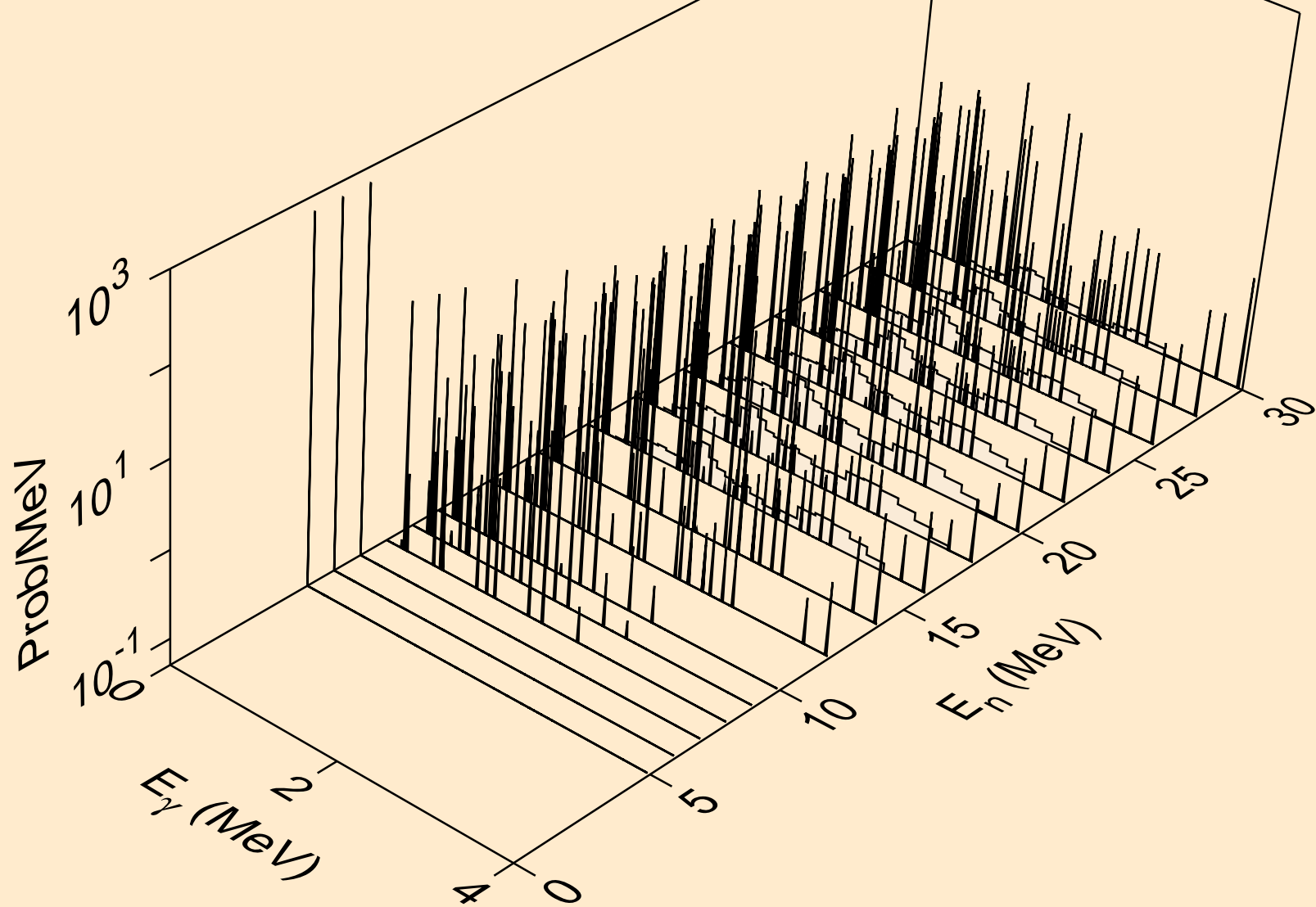
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Photon emission for (n,t)



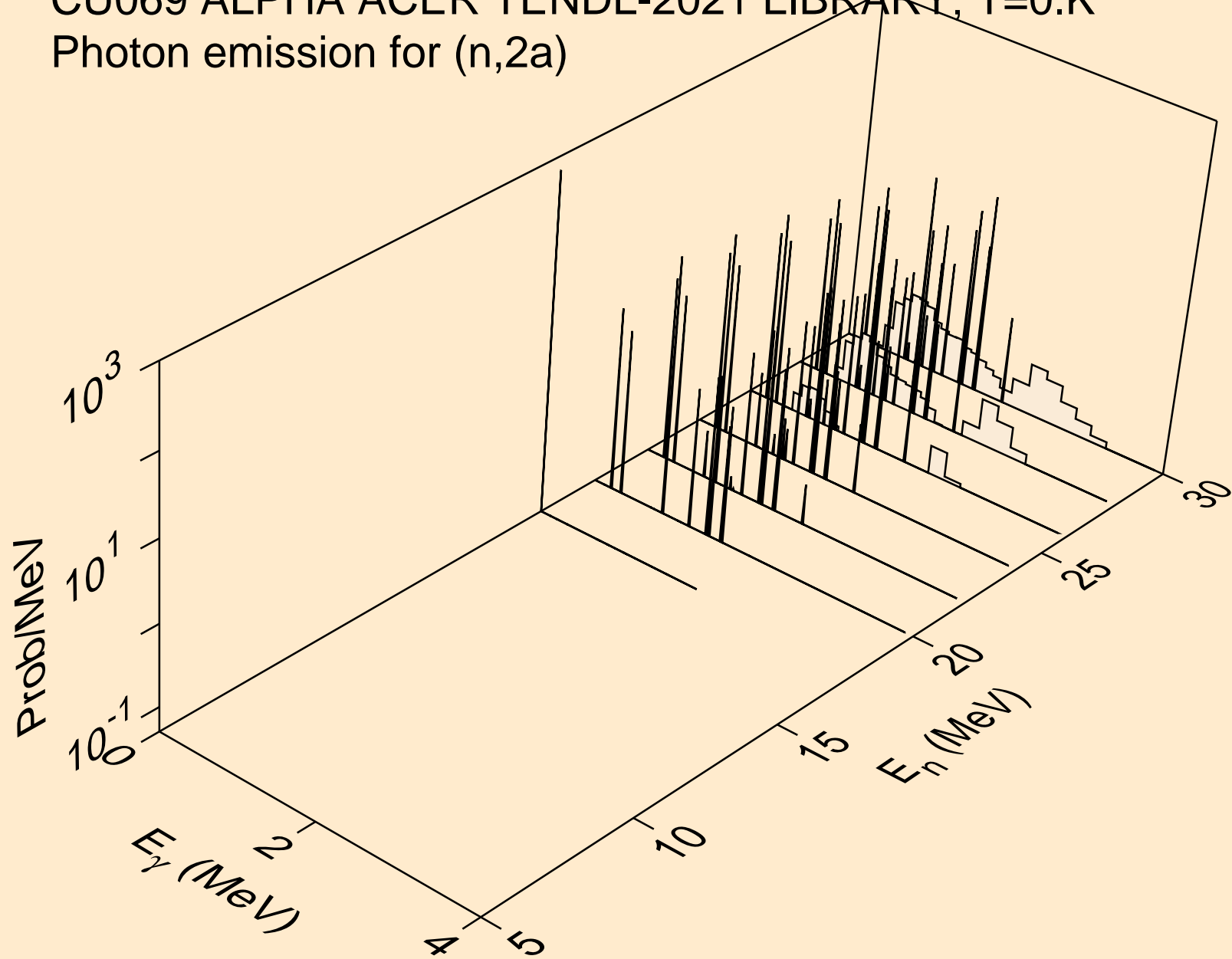
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Photon emission for (n,he3)



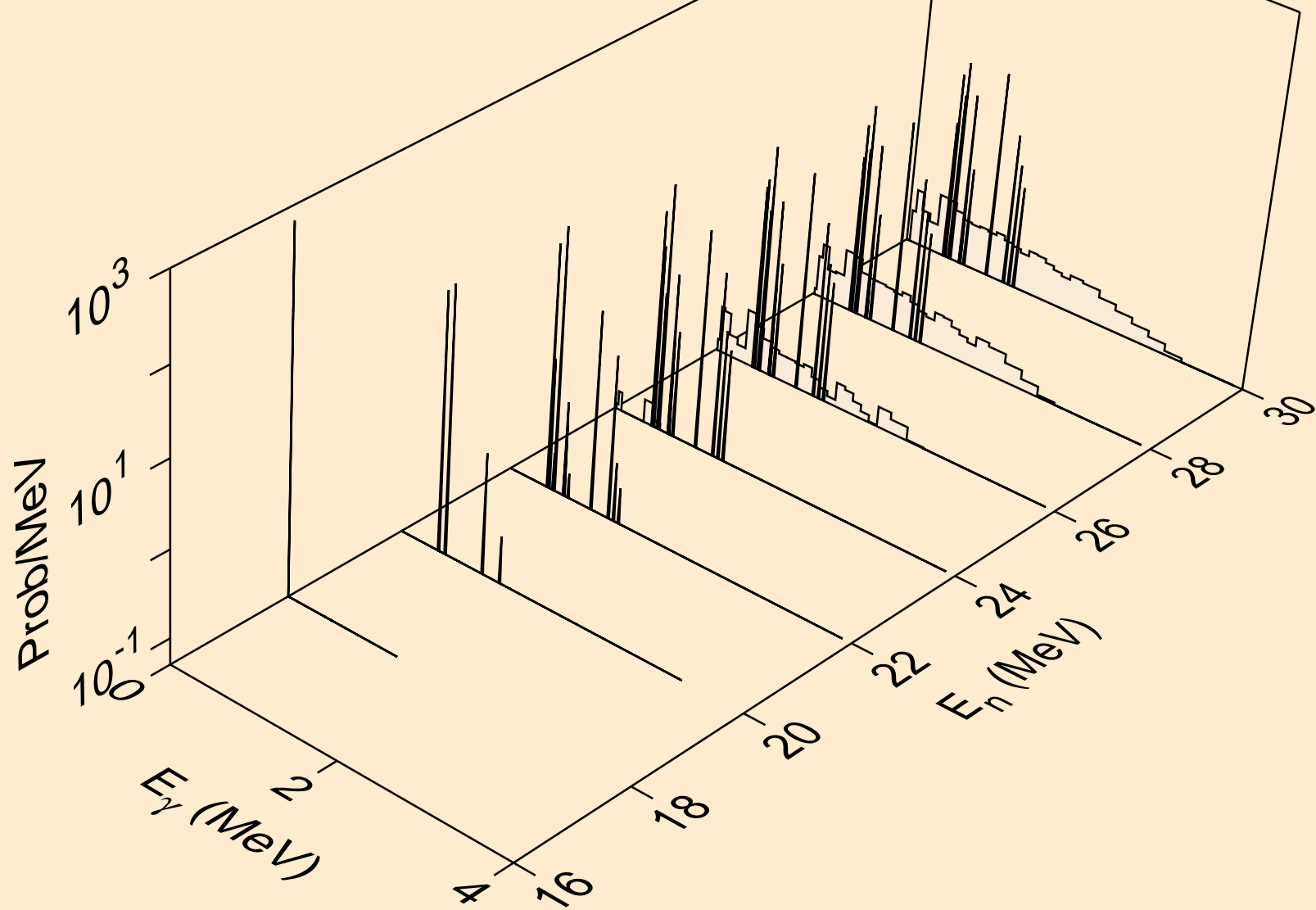
CU069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



CU069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2a)

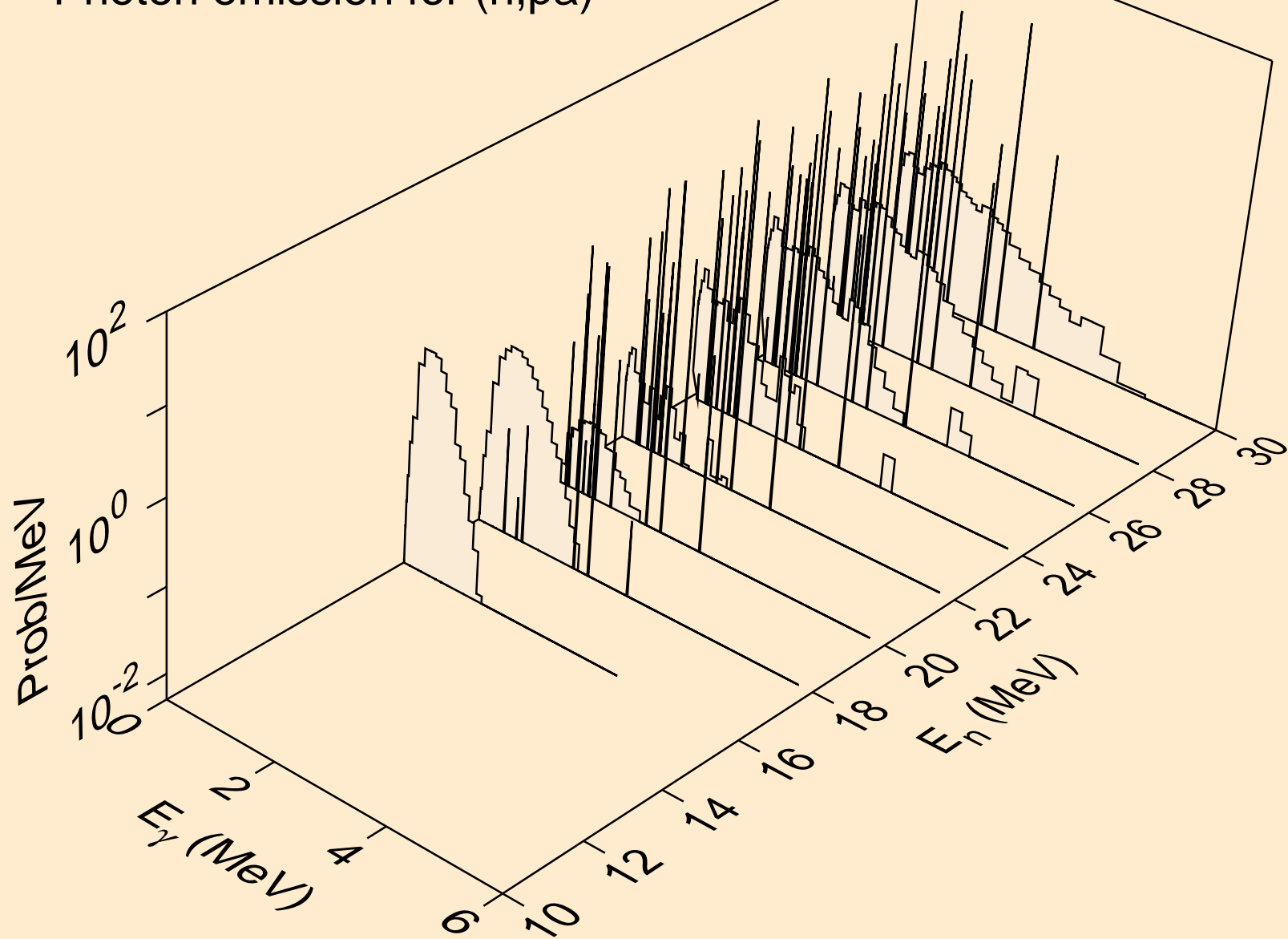


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Photon emission for (n,2p)

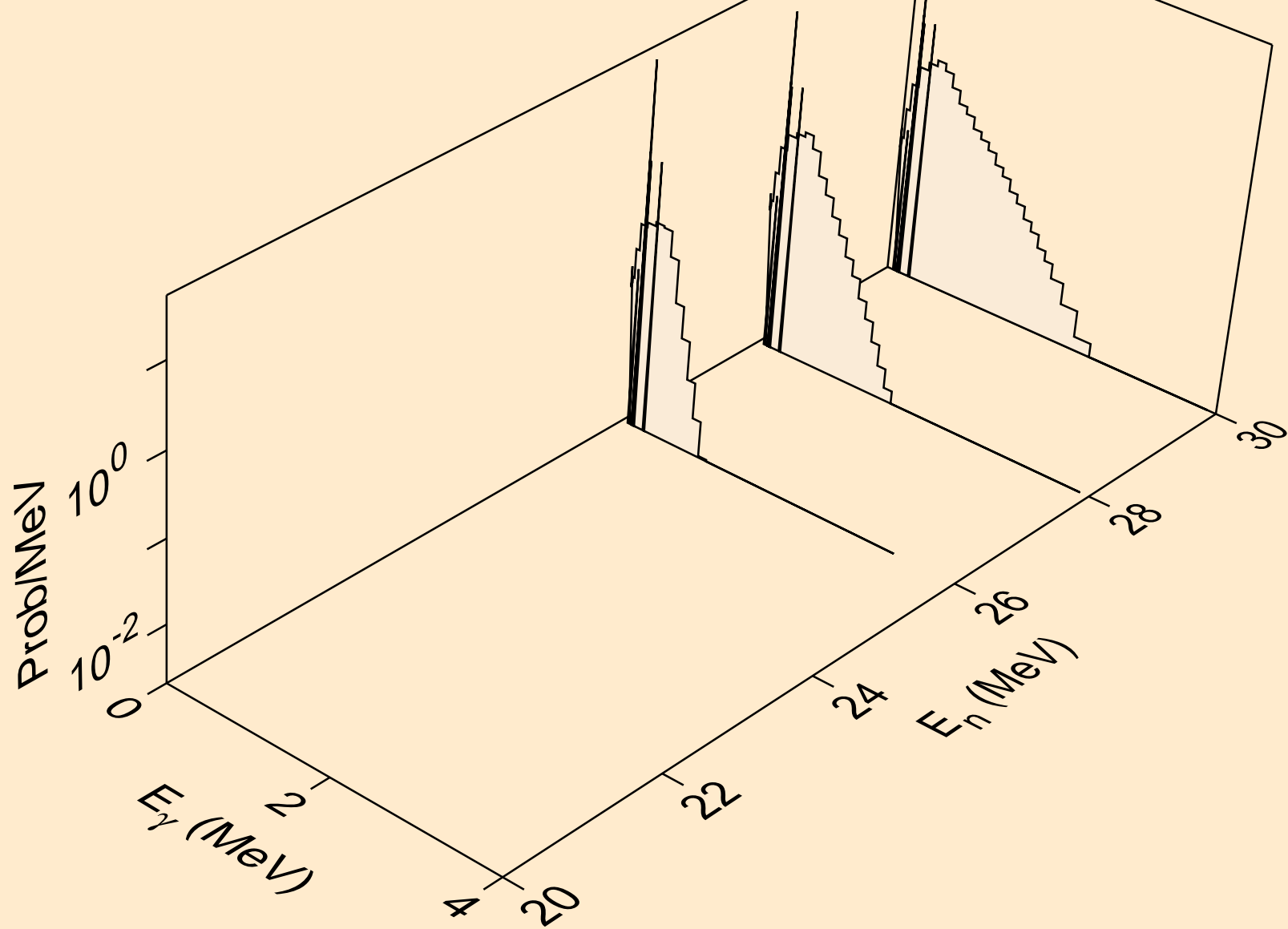




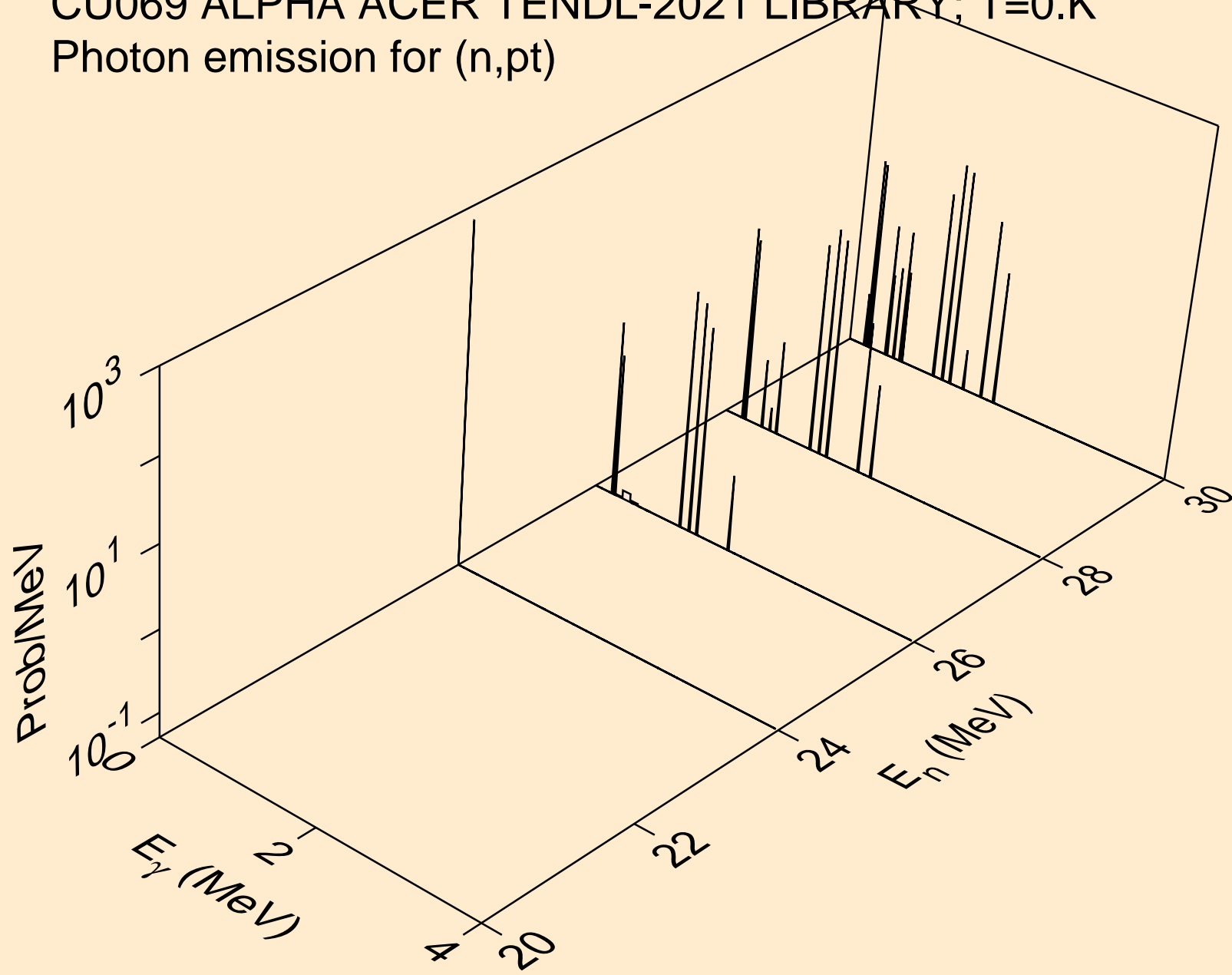
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Photon emission for (n,pa)



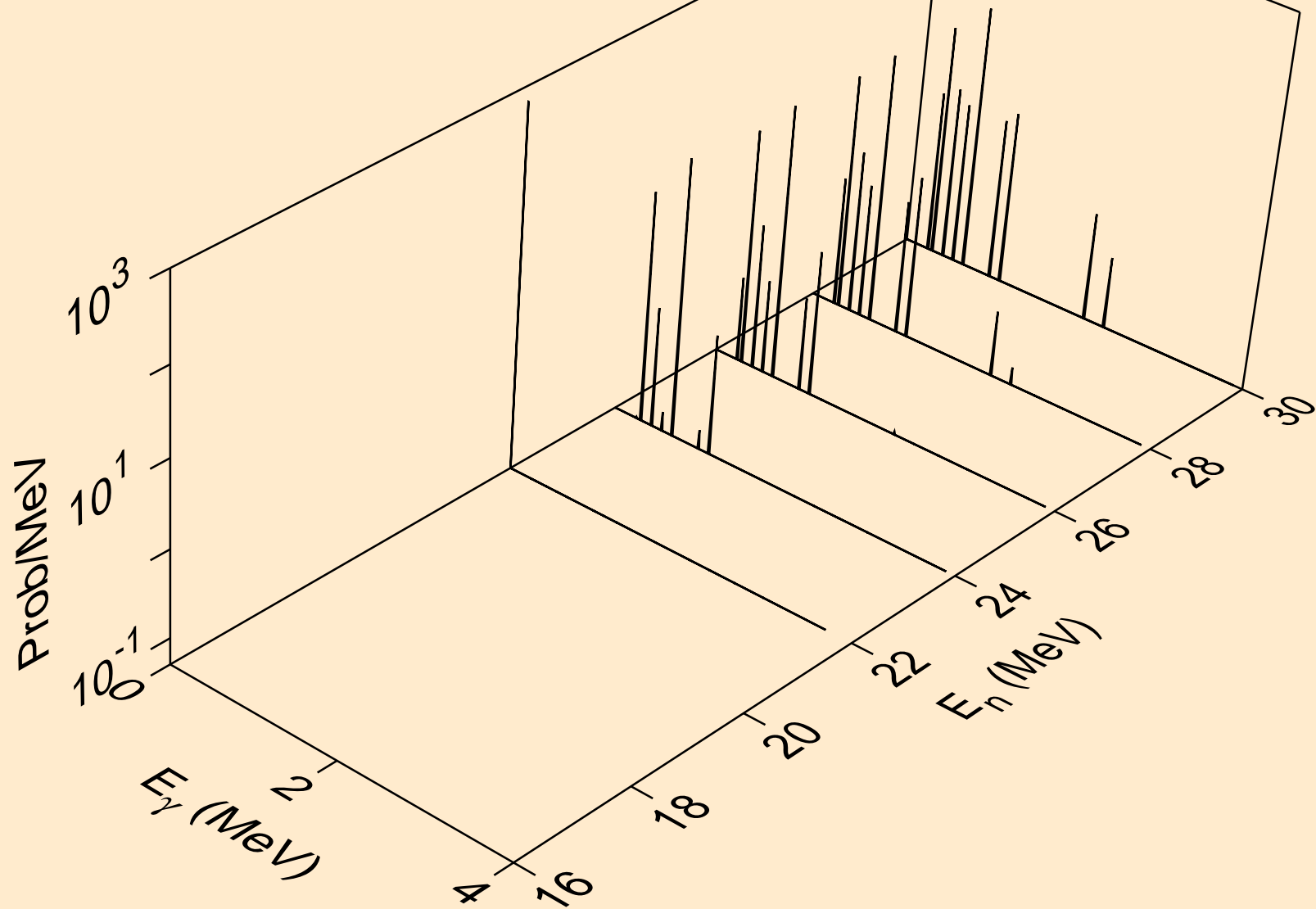
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Photon emission for (n,pd)



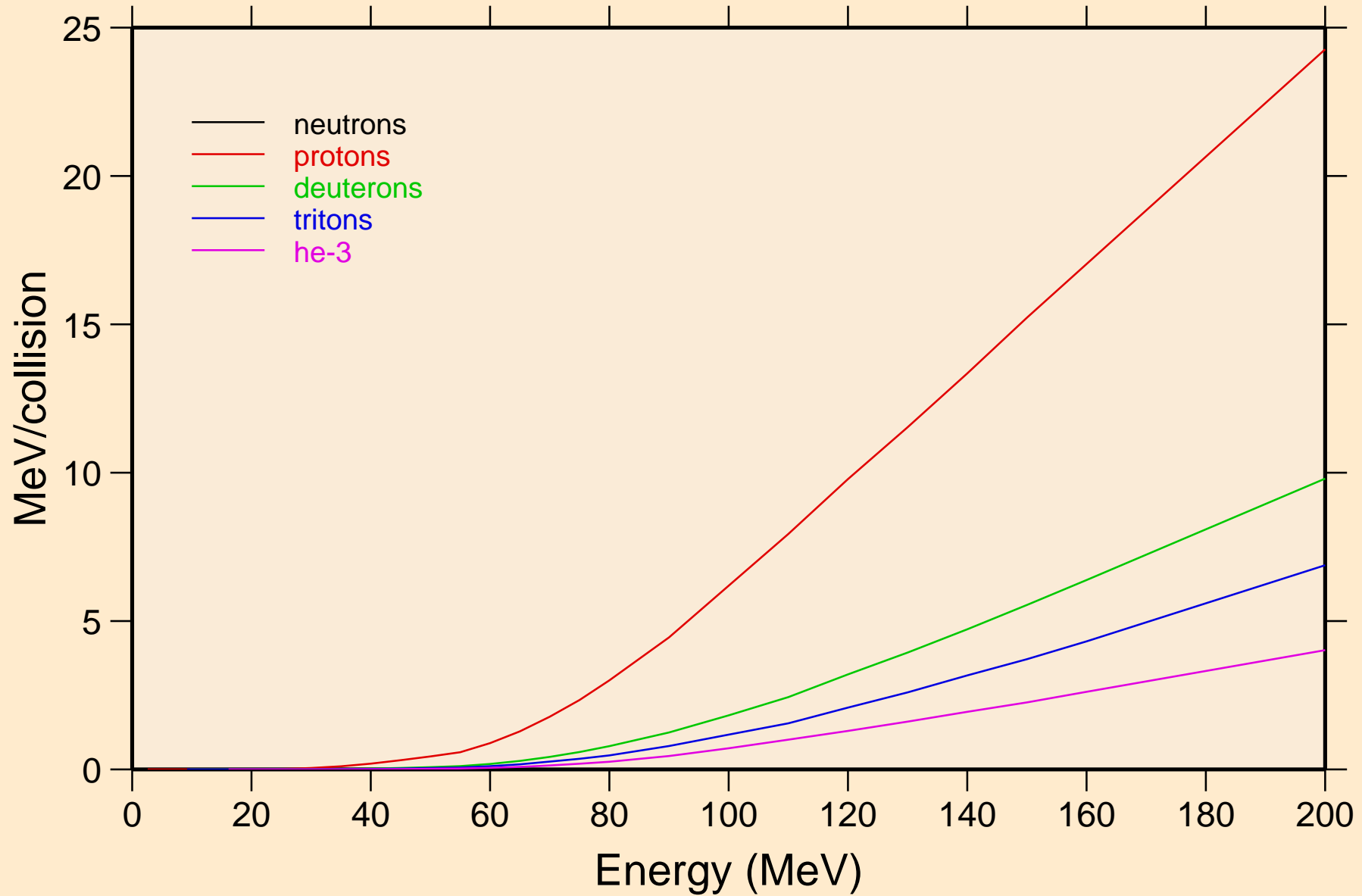
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Photon emission for (n,pt)



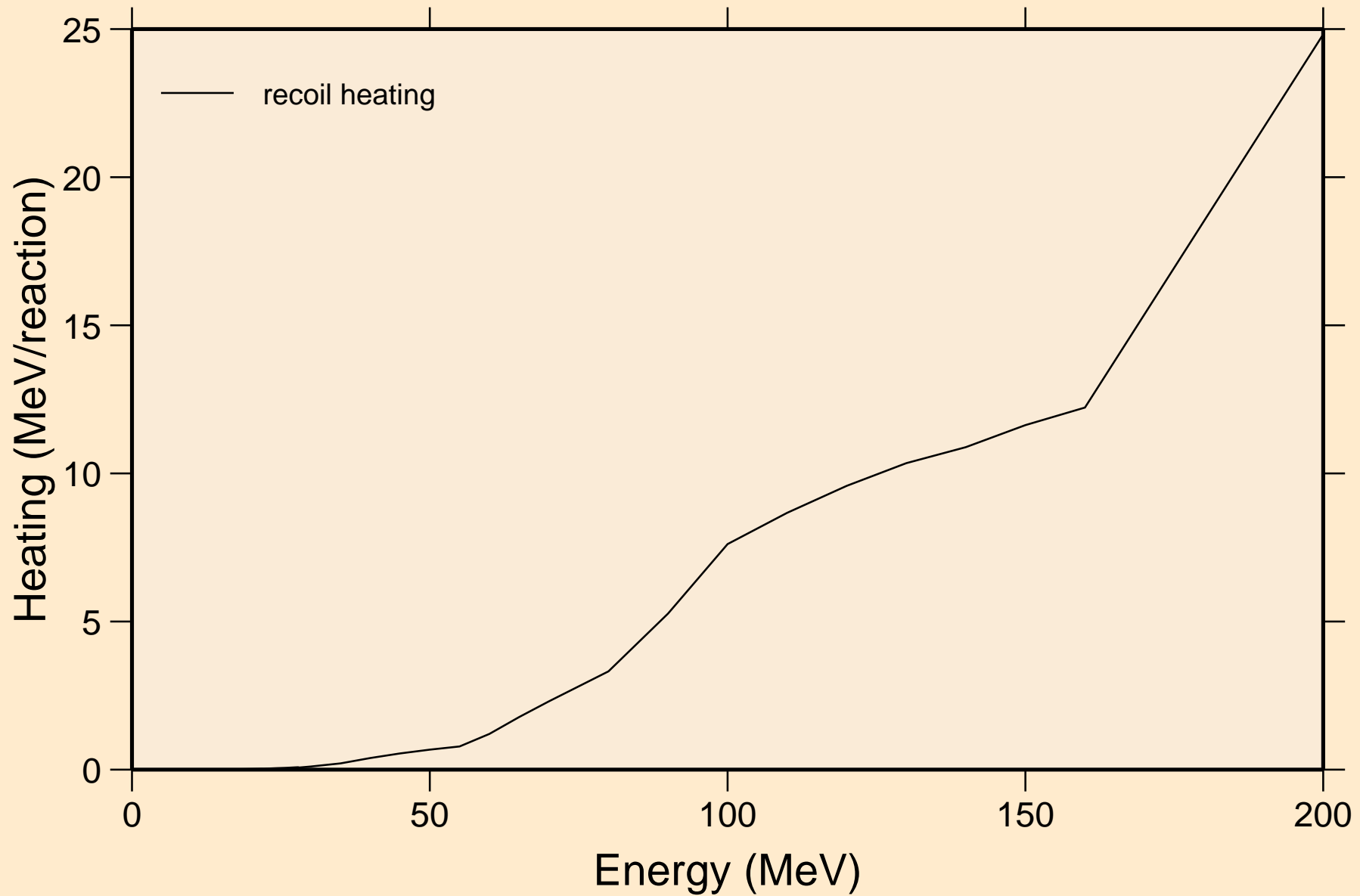
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Photon emission for (n,da)



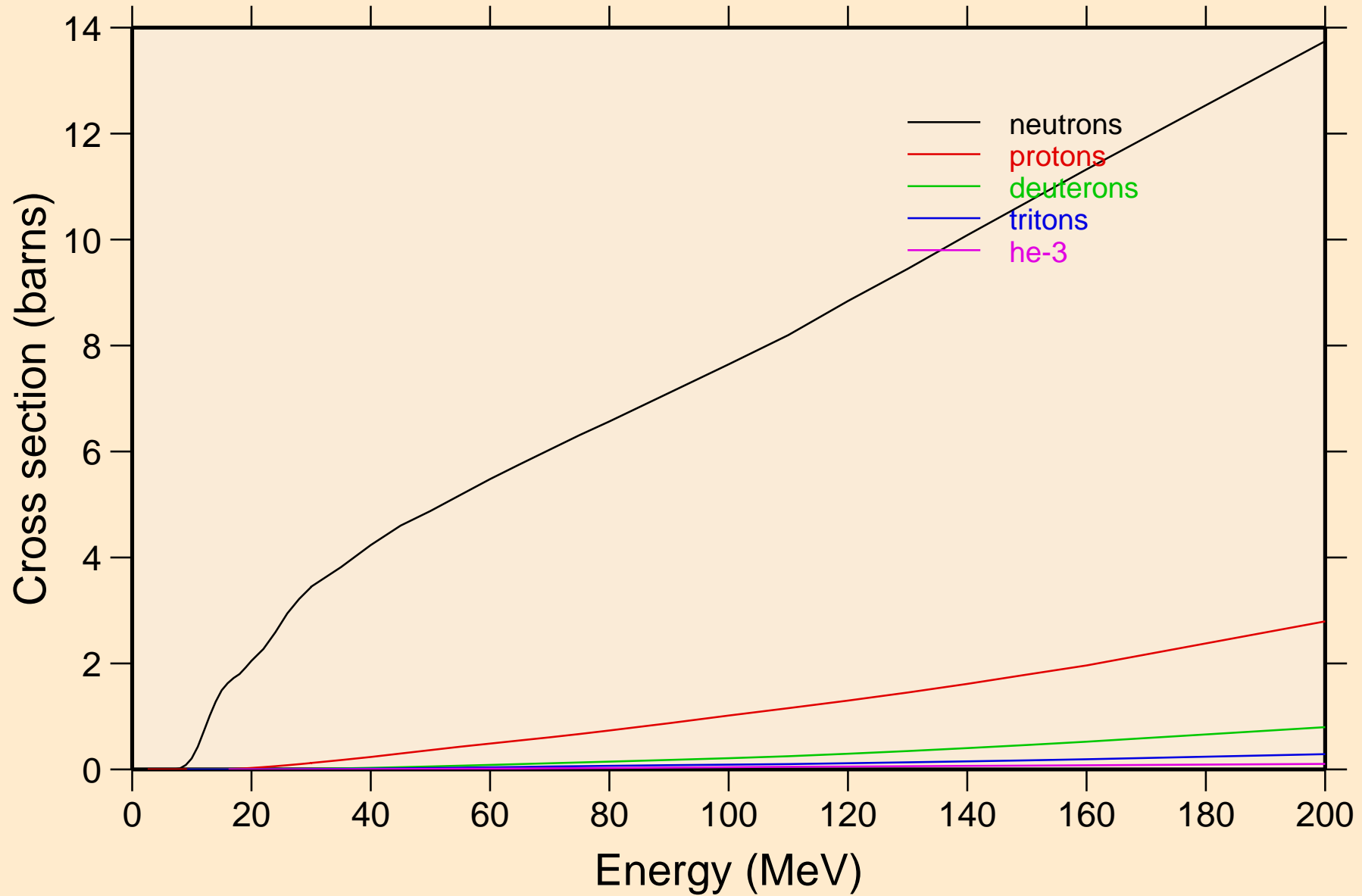
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Particle heating contributions



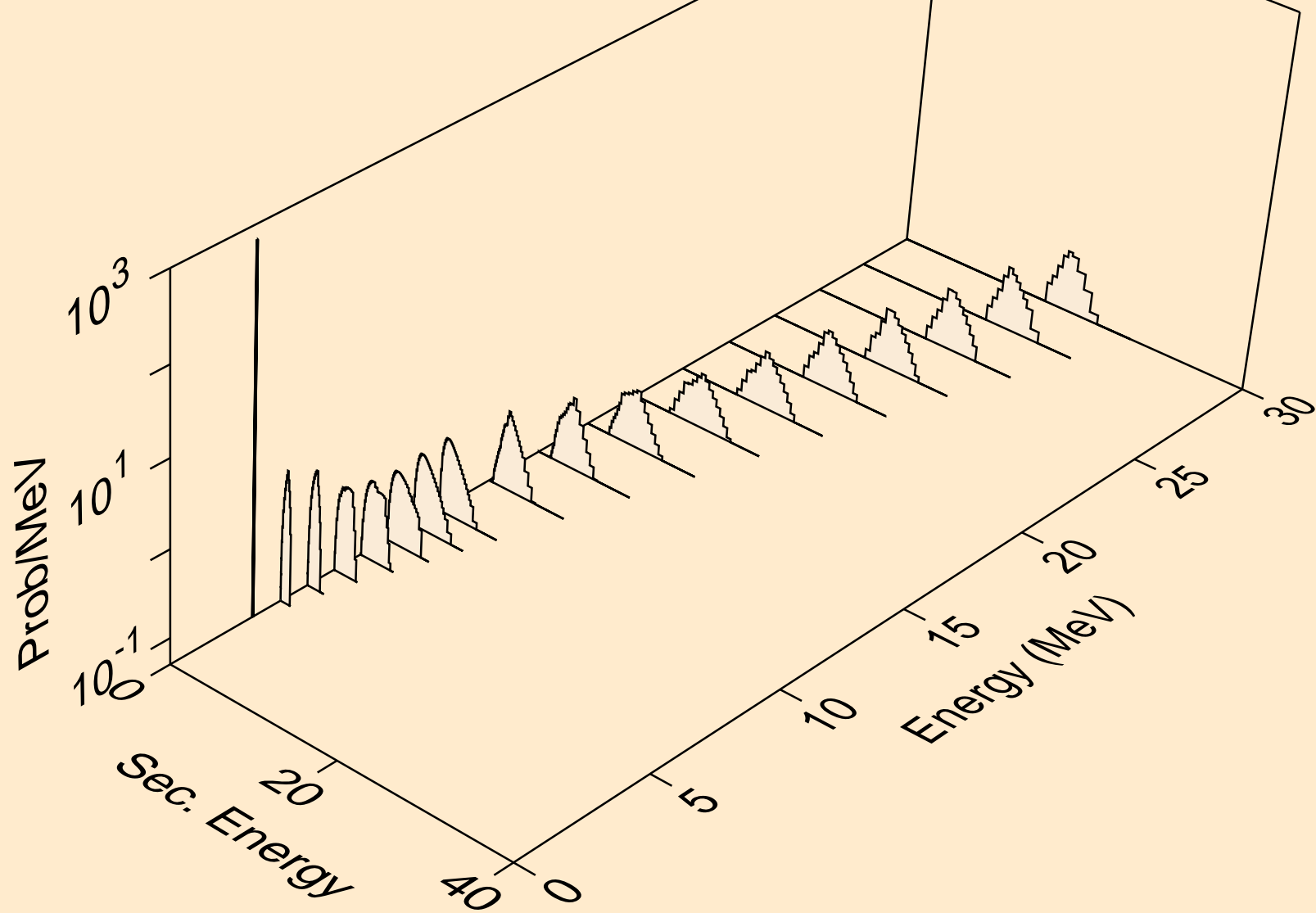
CU069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating



CU069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections

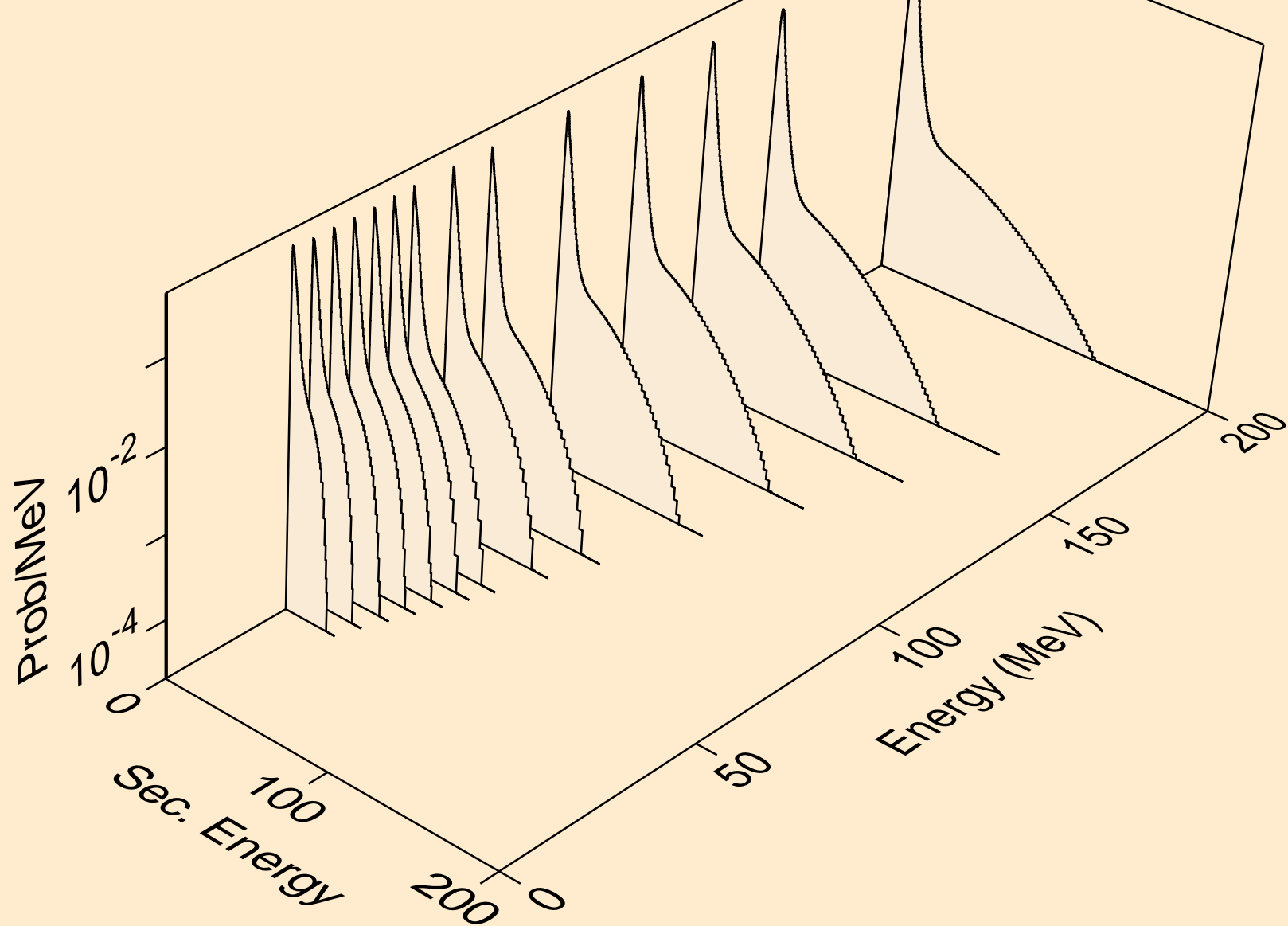


CU069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n)

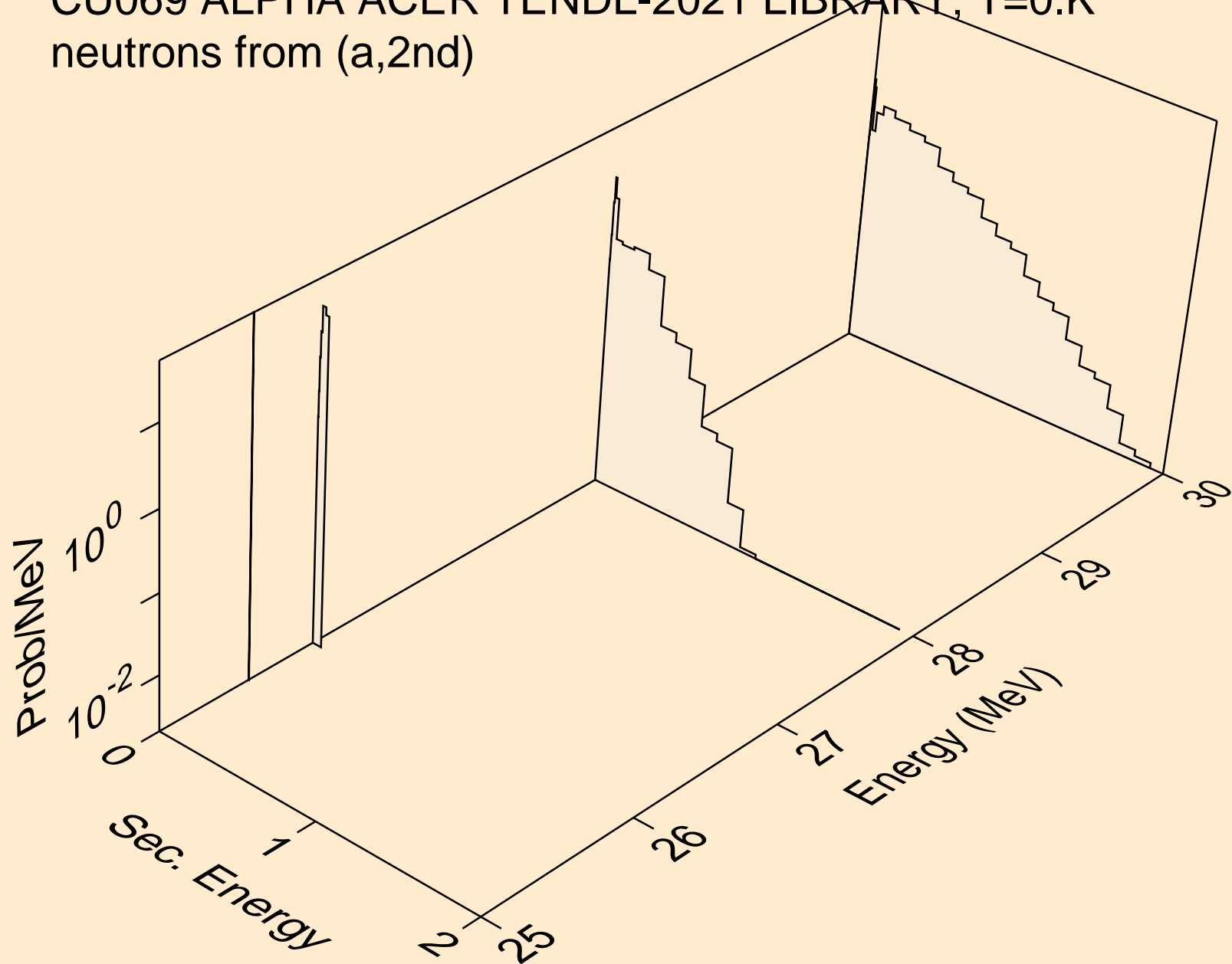




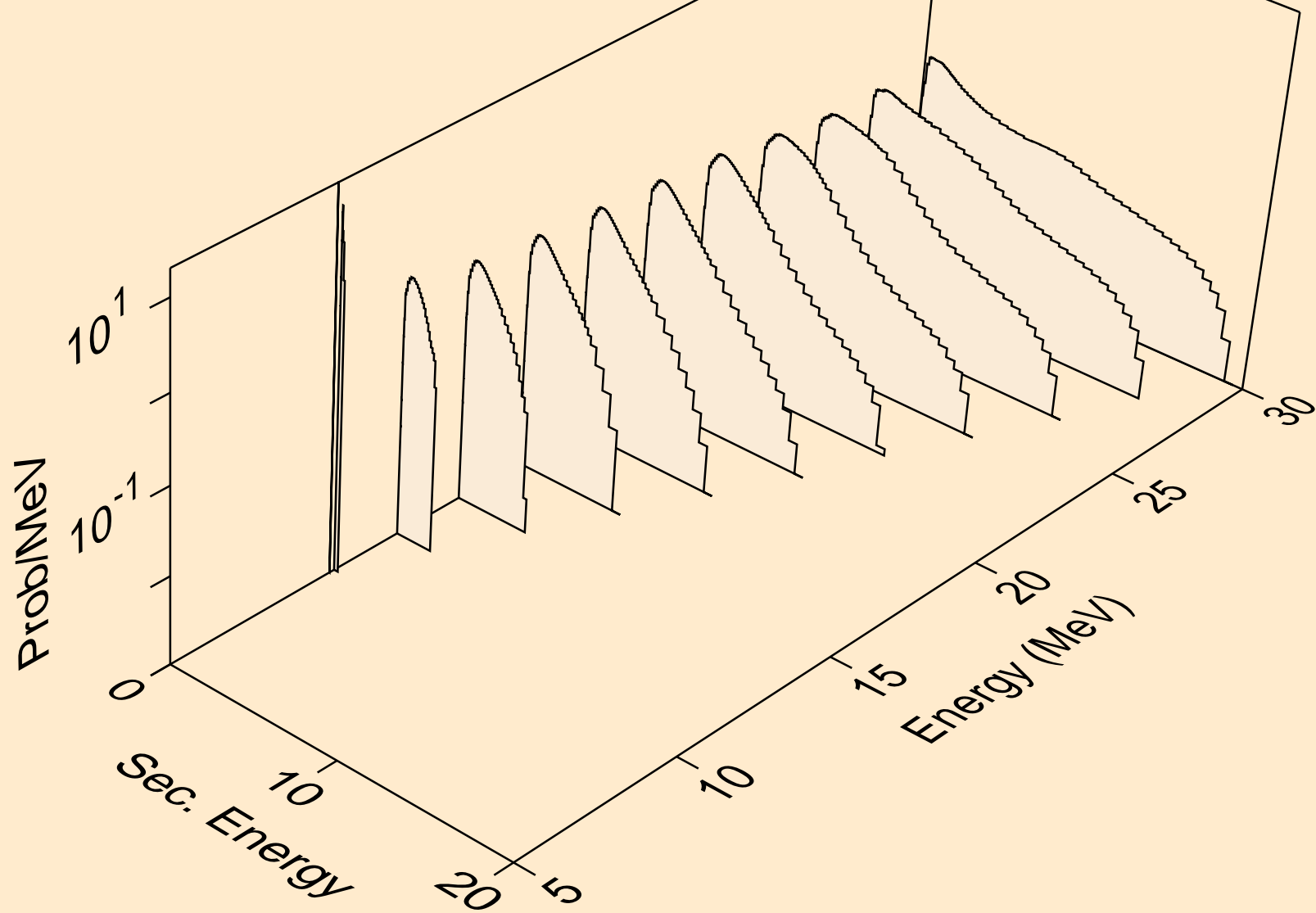
CU069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,x)



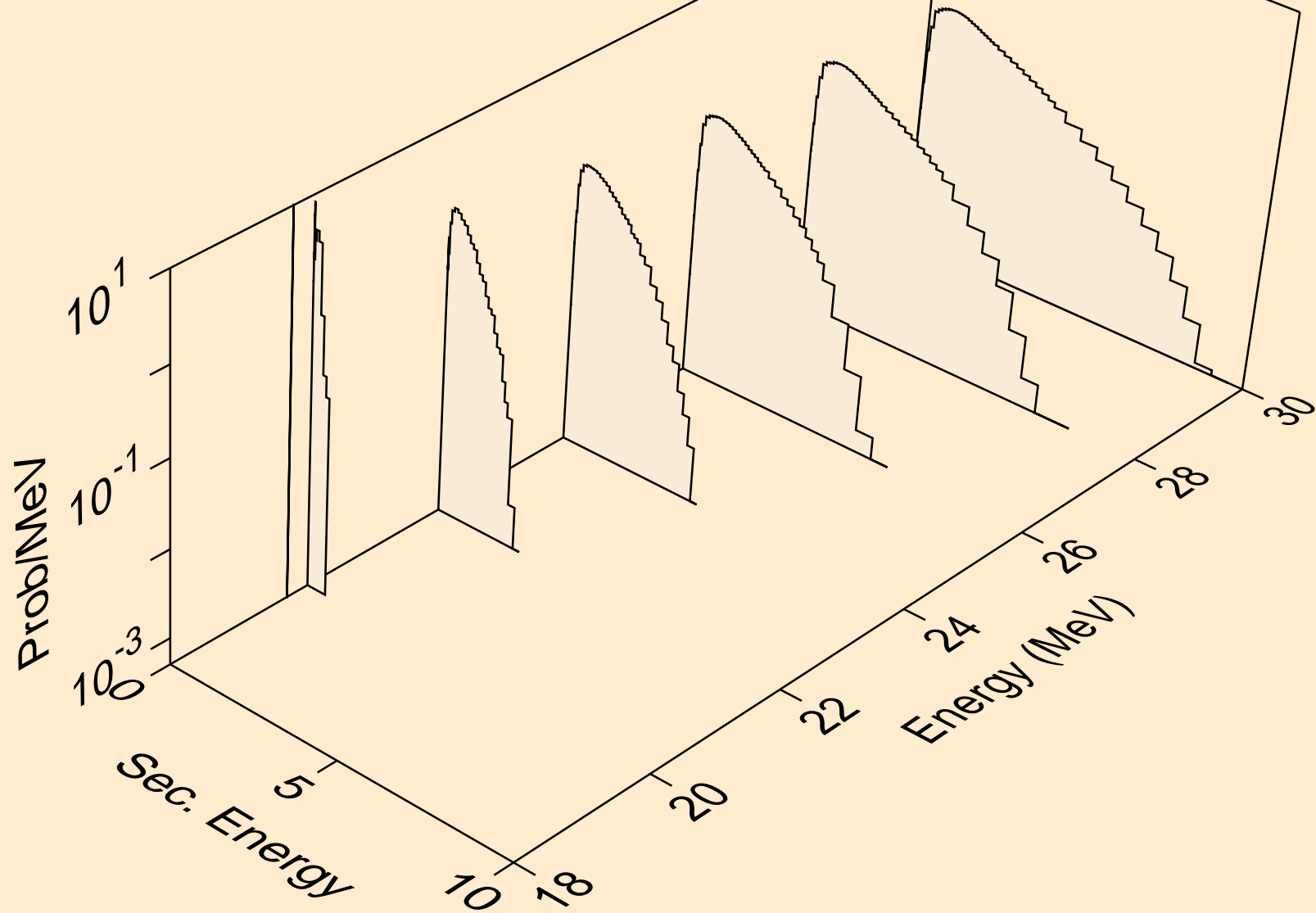
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neutrons from (a,2nd)



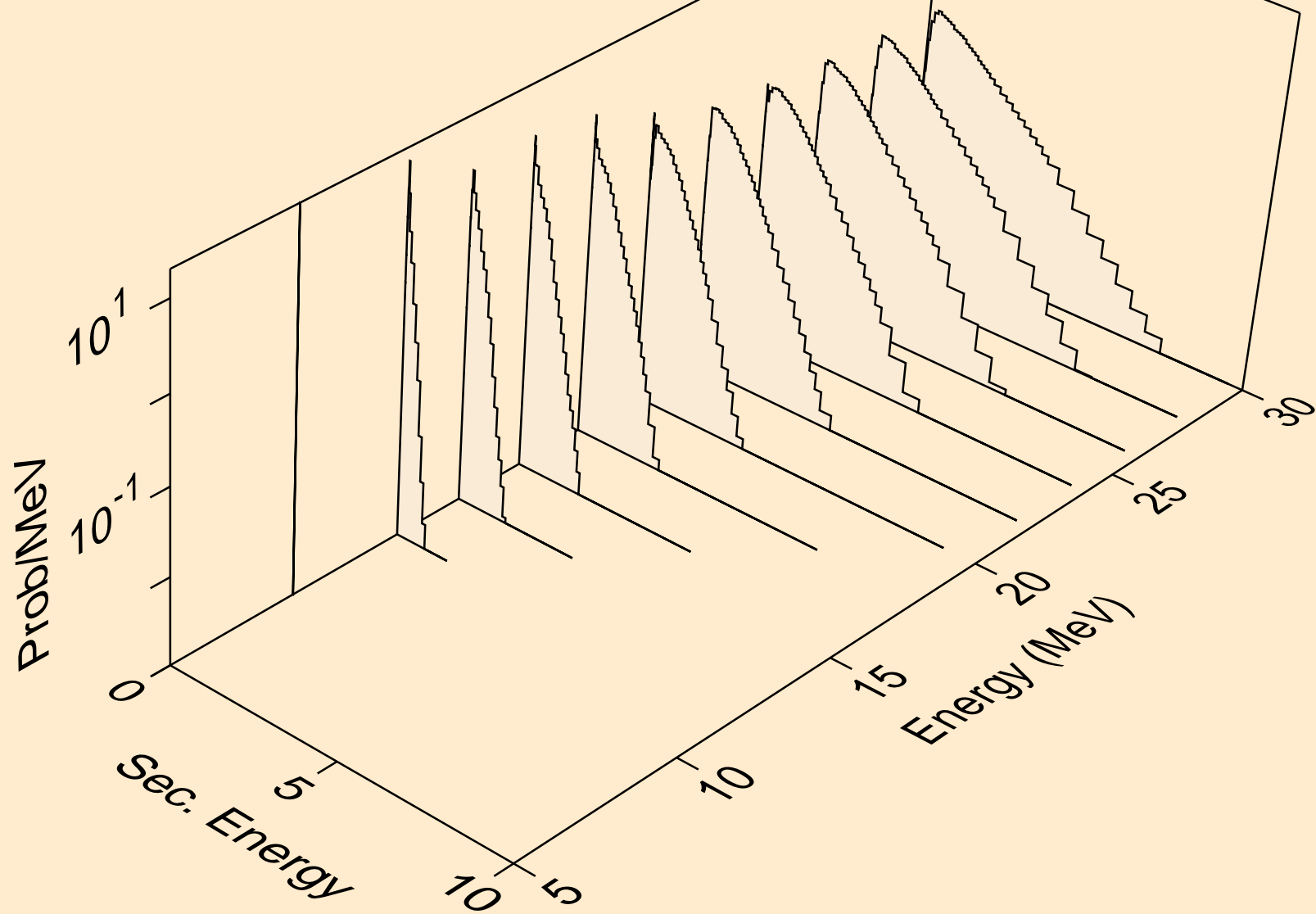
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neutrons from (a,2n)



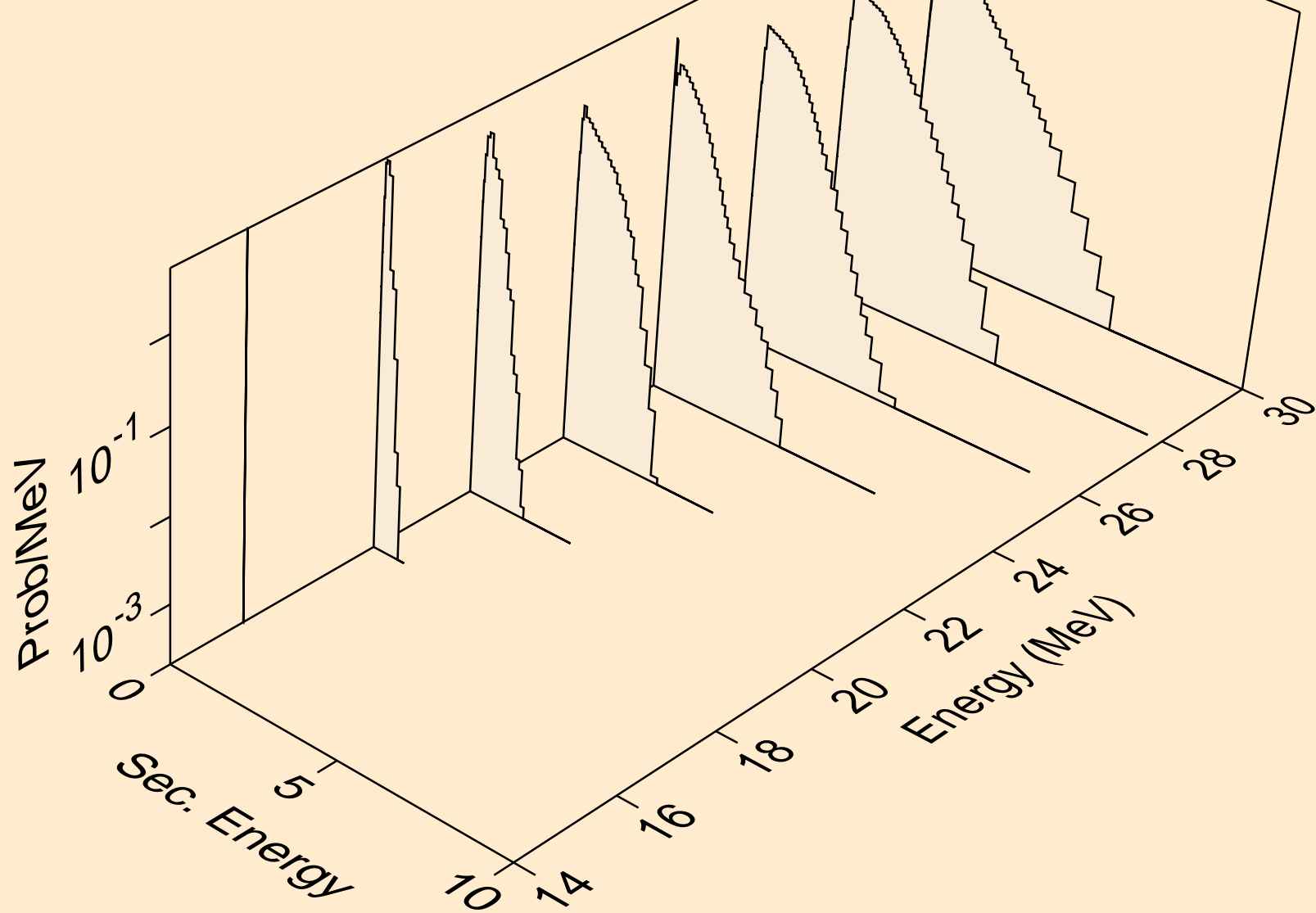
CU069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,3n)



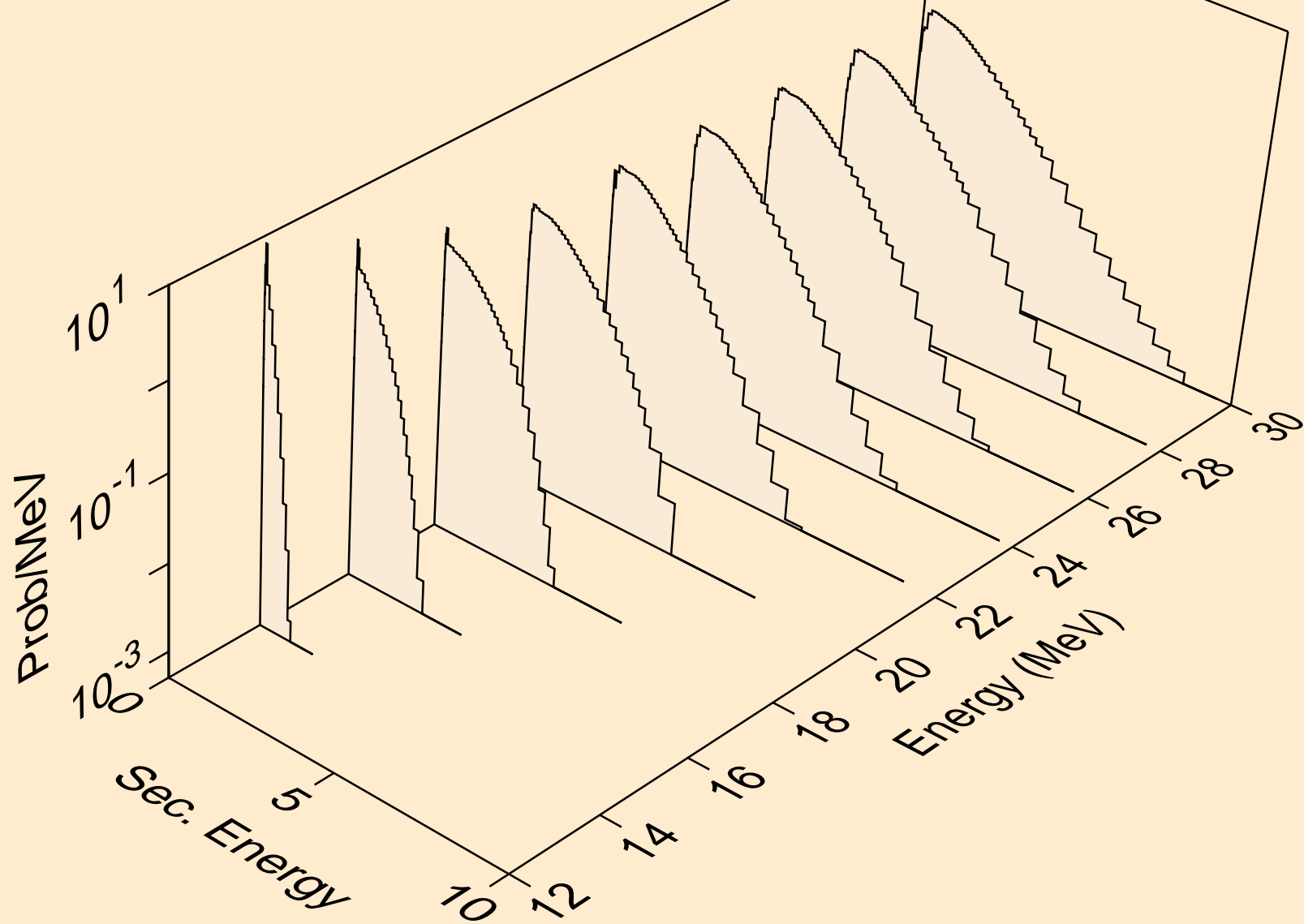
CU069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)a



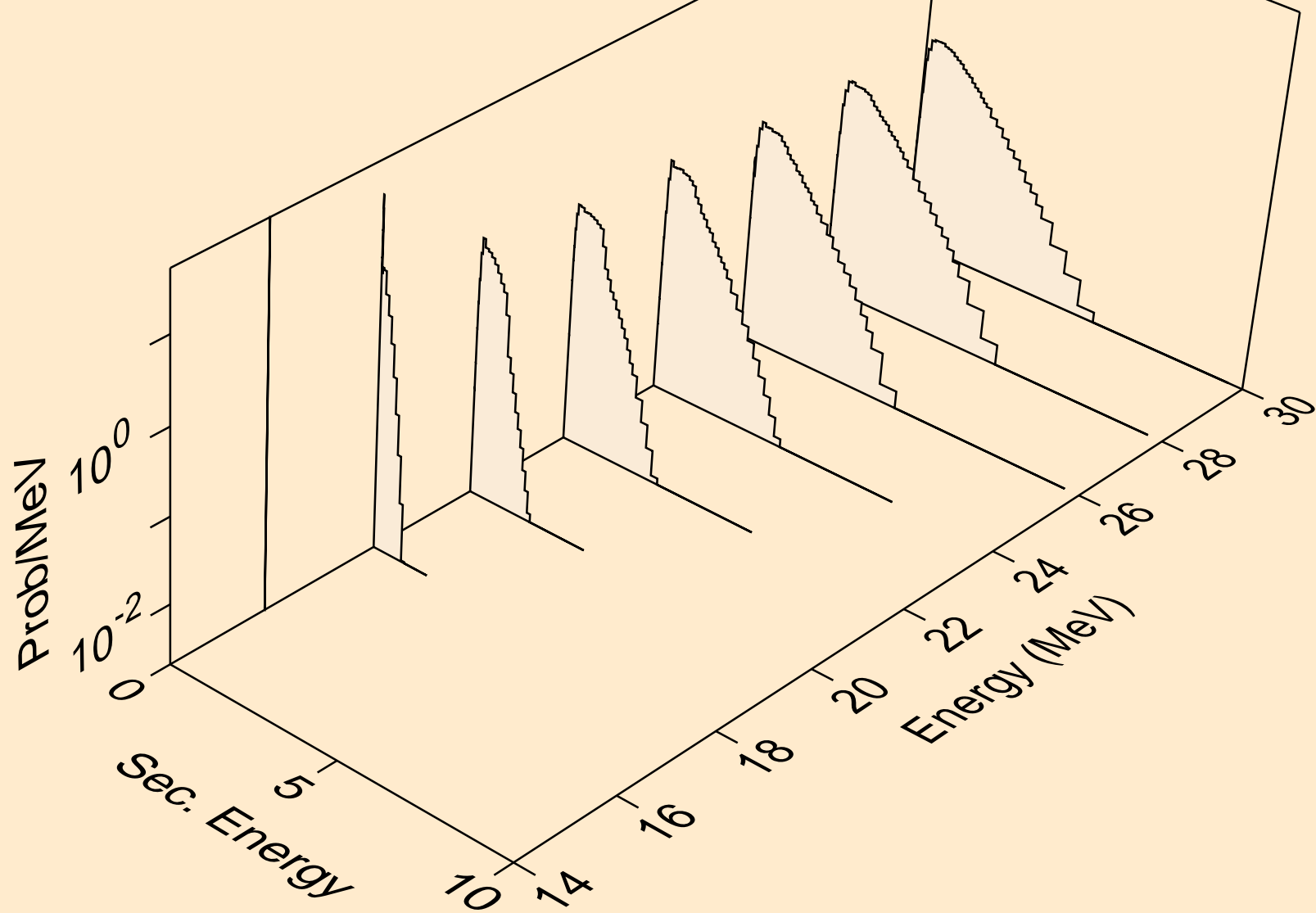
CU069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2n)a



CU069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)p

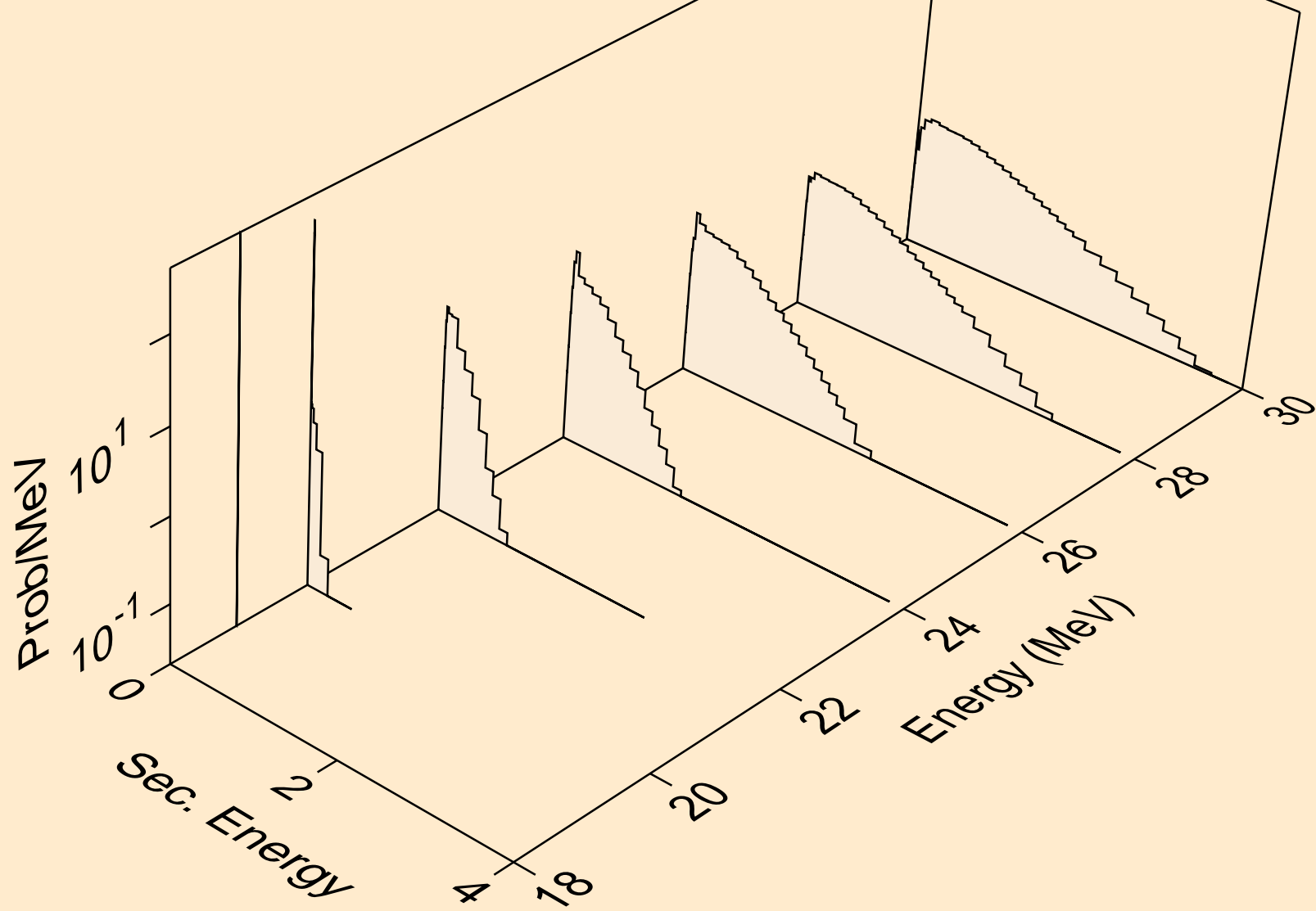


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neutrons from (a,n\*)d

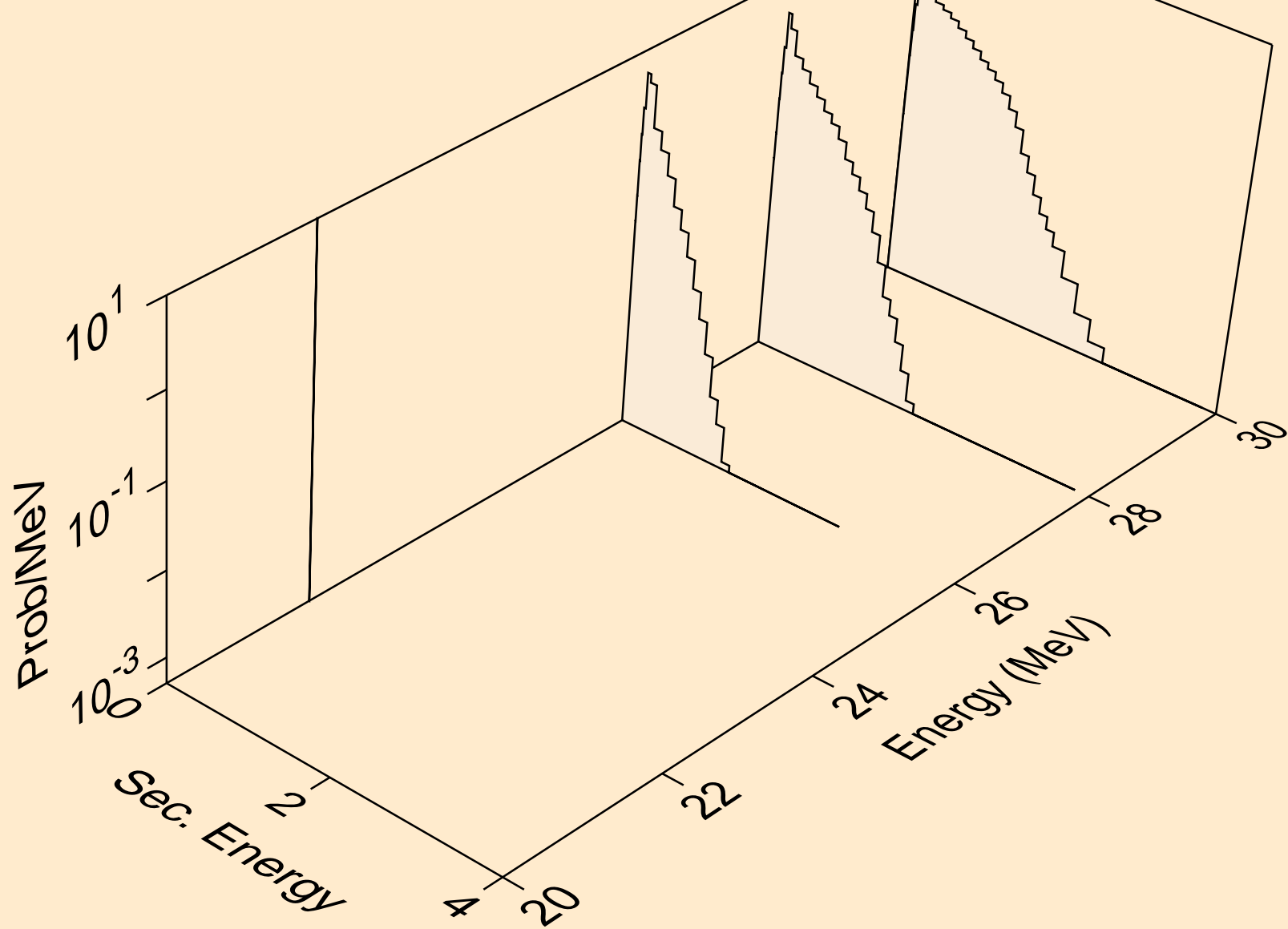




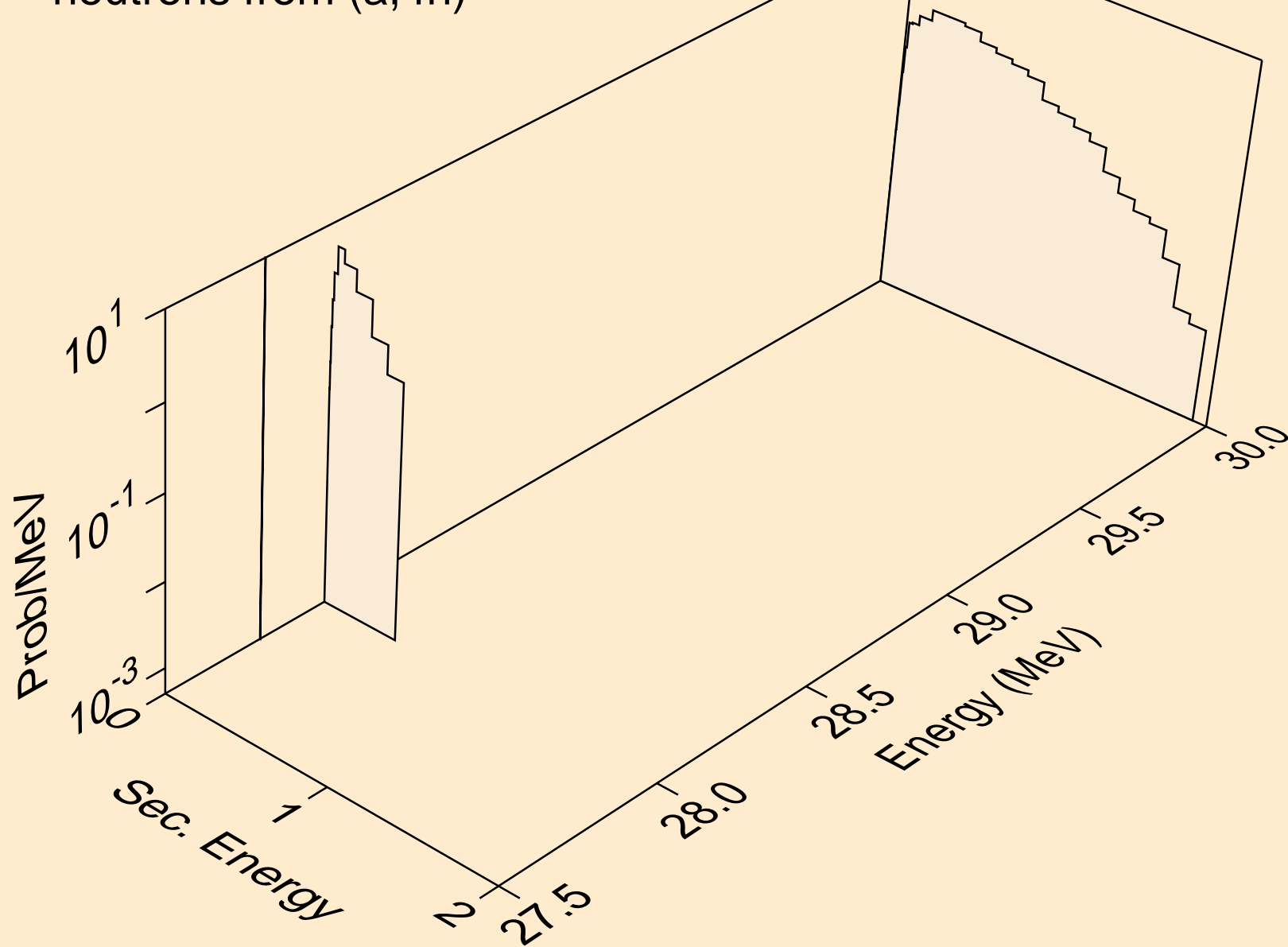
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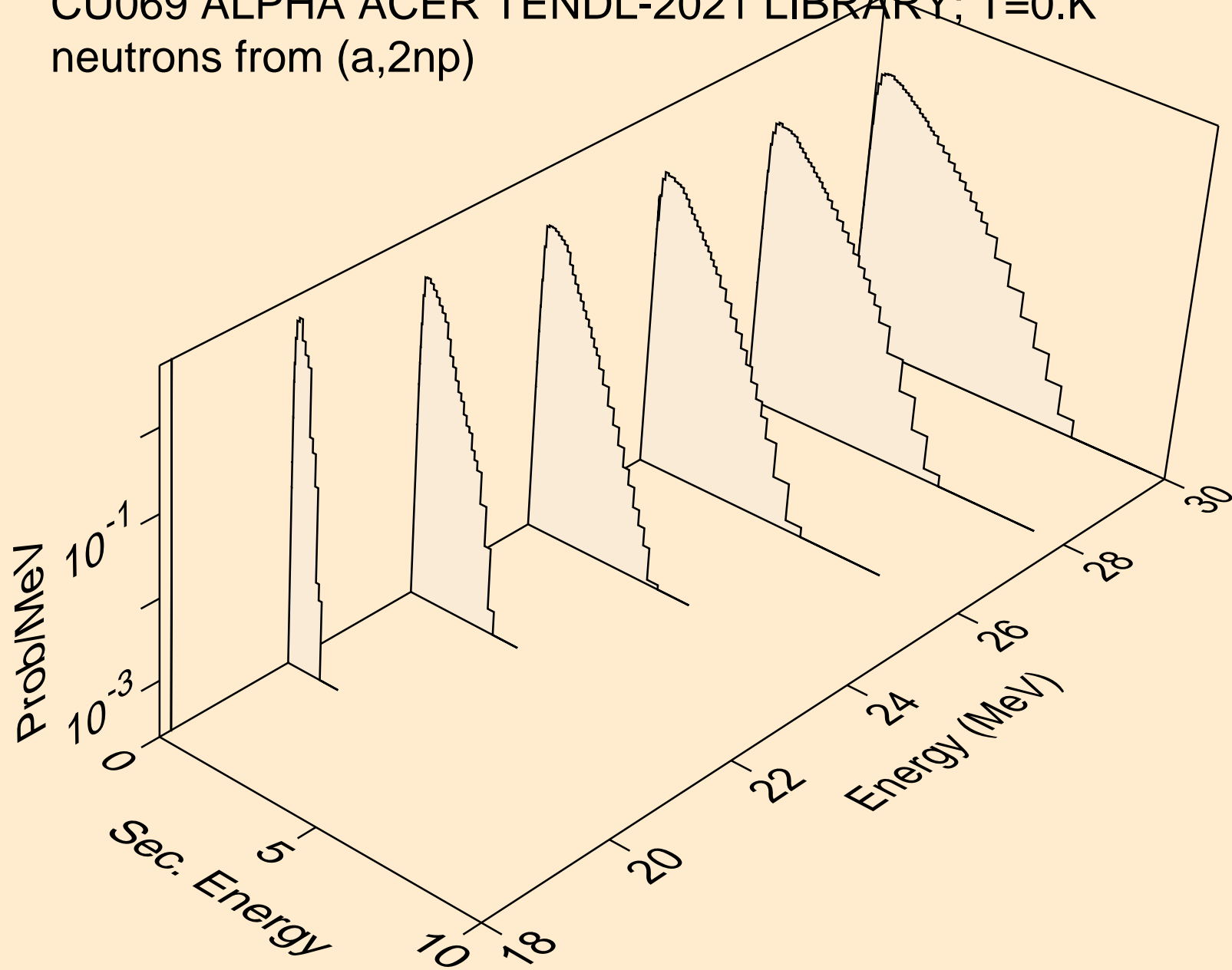
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neutrons from (a,n\*)he3



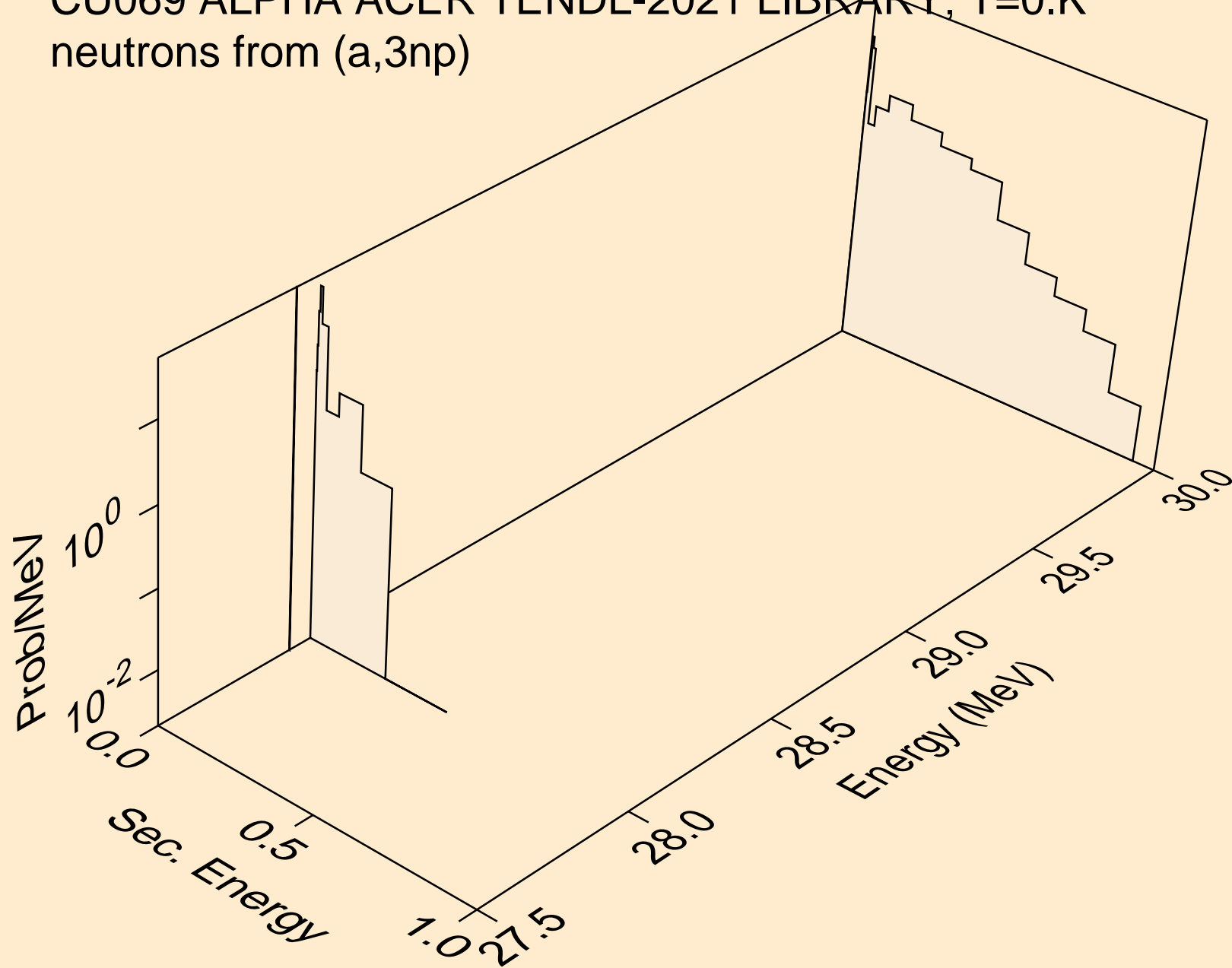
CU069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,4n)



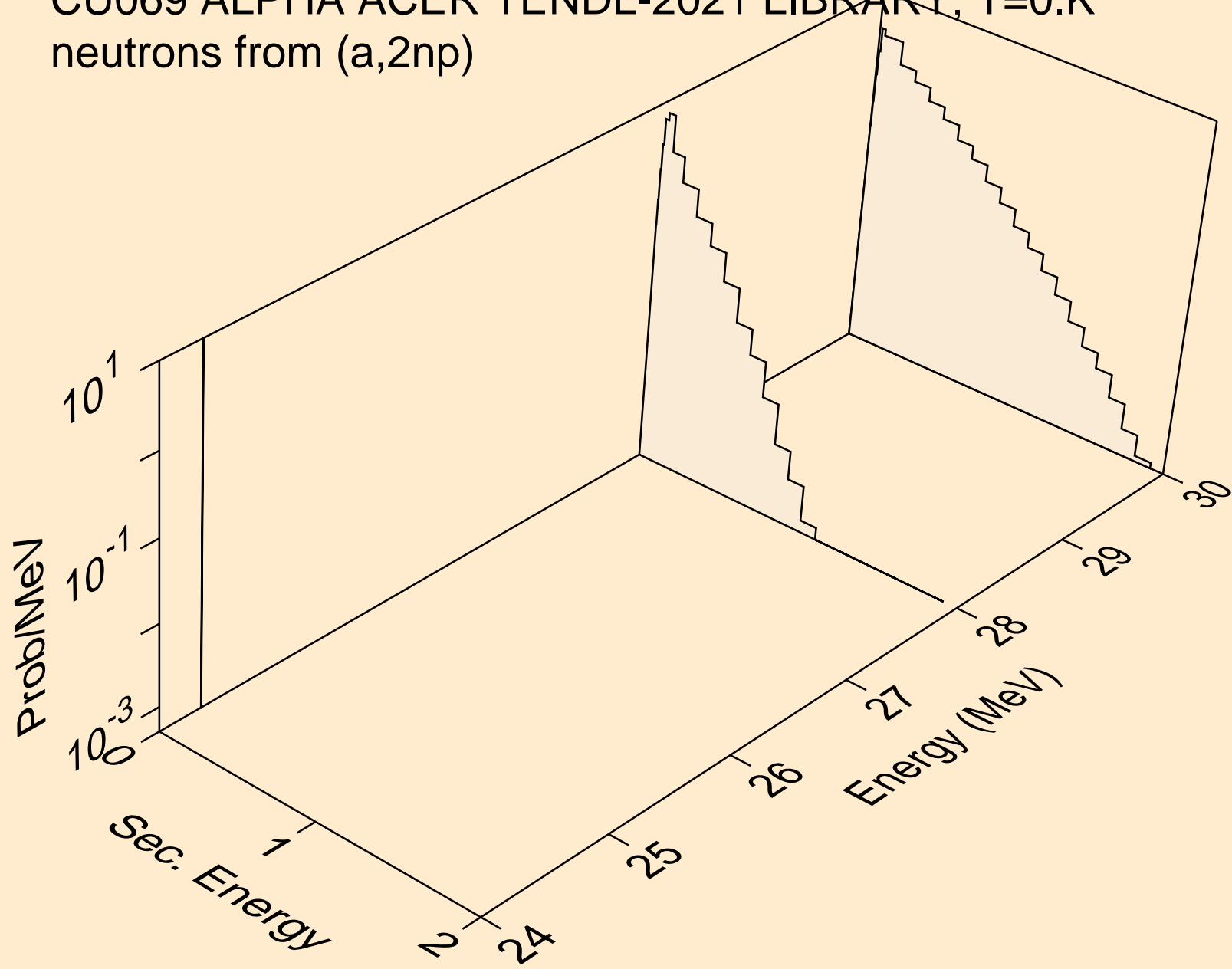
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neutrons from (a,2np)



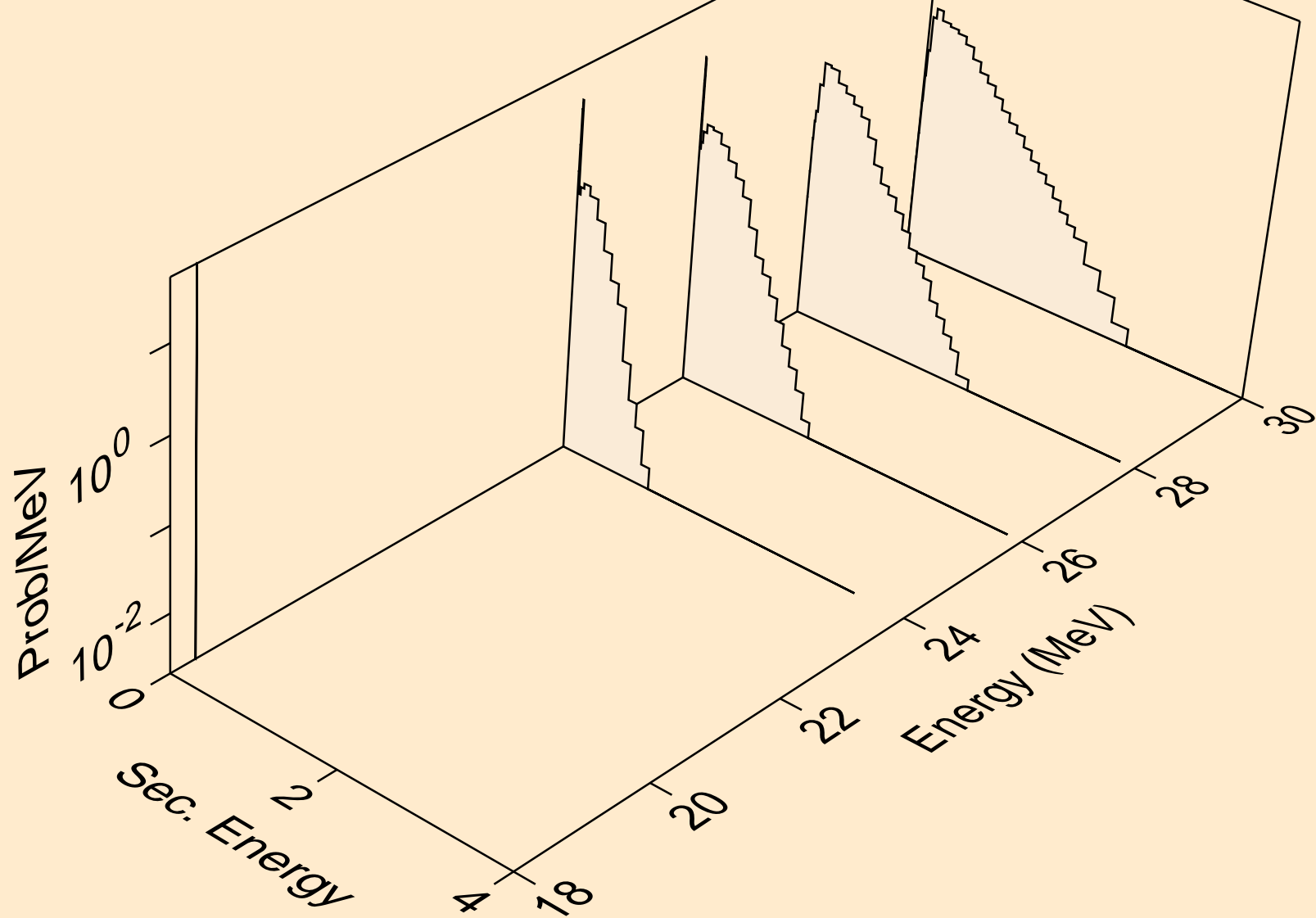
CU069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,3np)



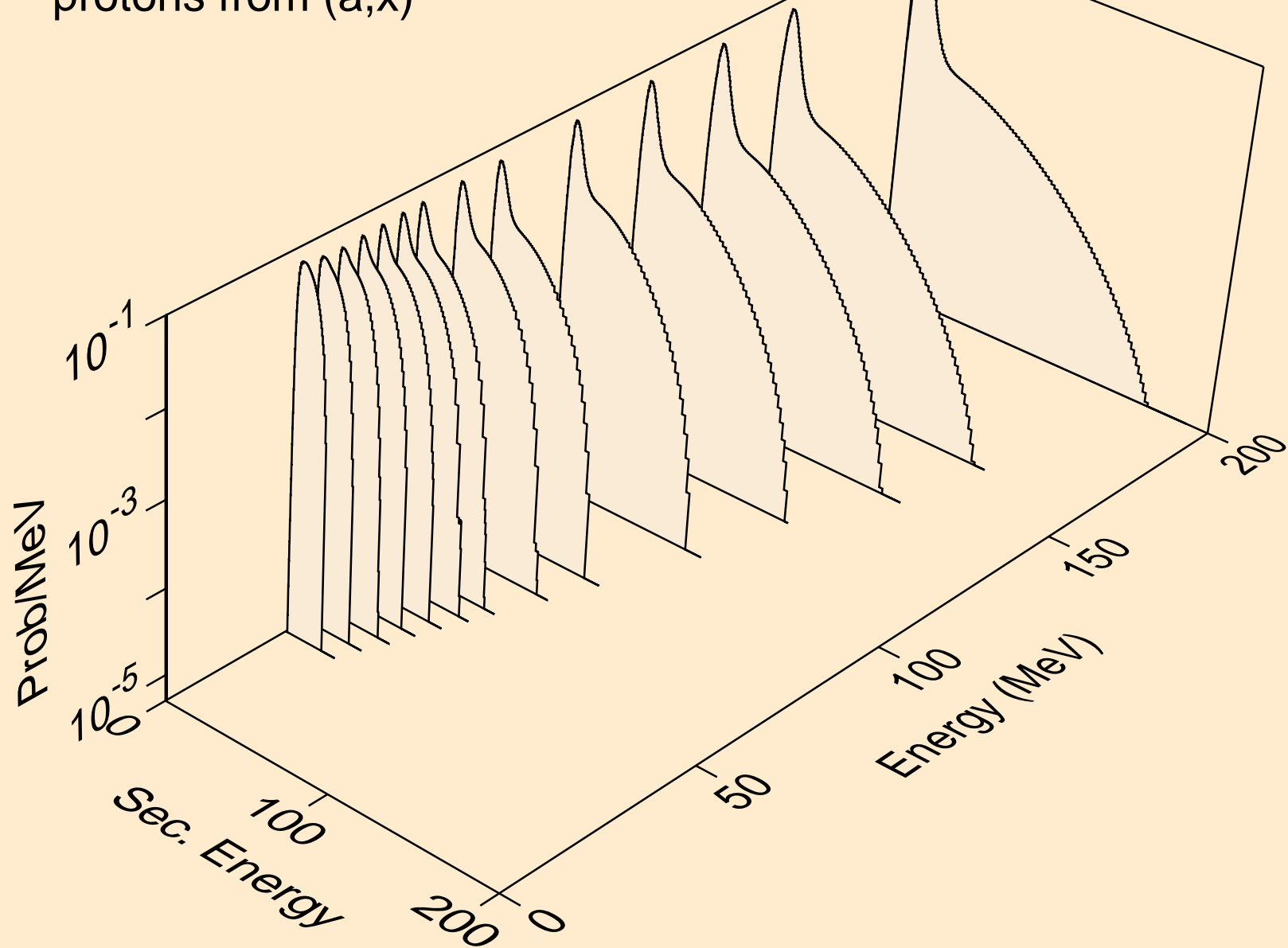
CU069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2np)



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neutrons from (a,npa)

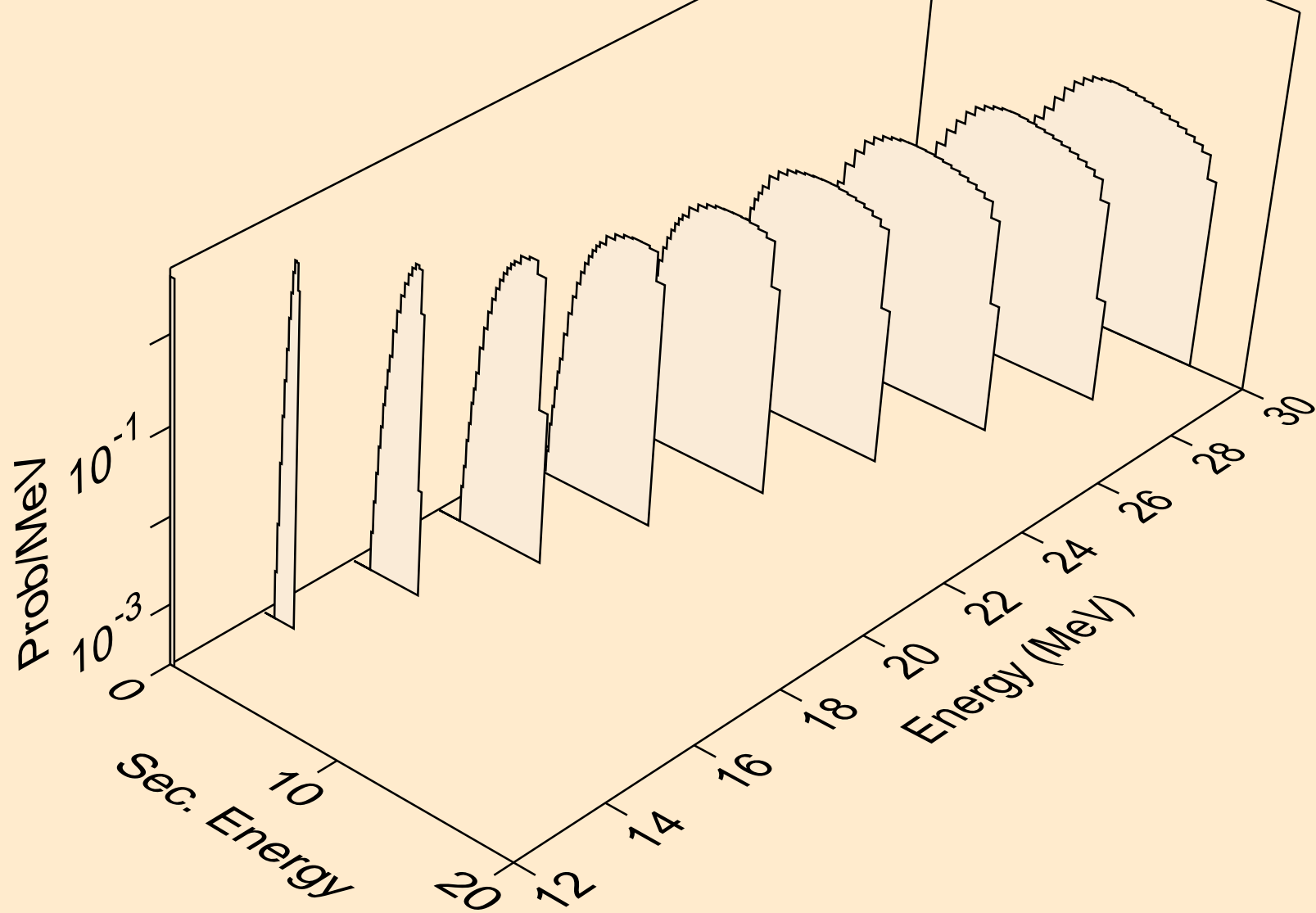


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protons from (a,x)

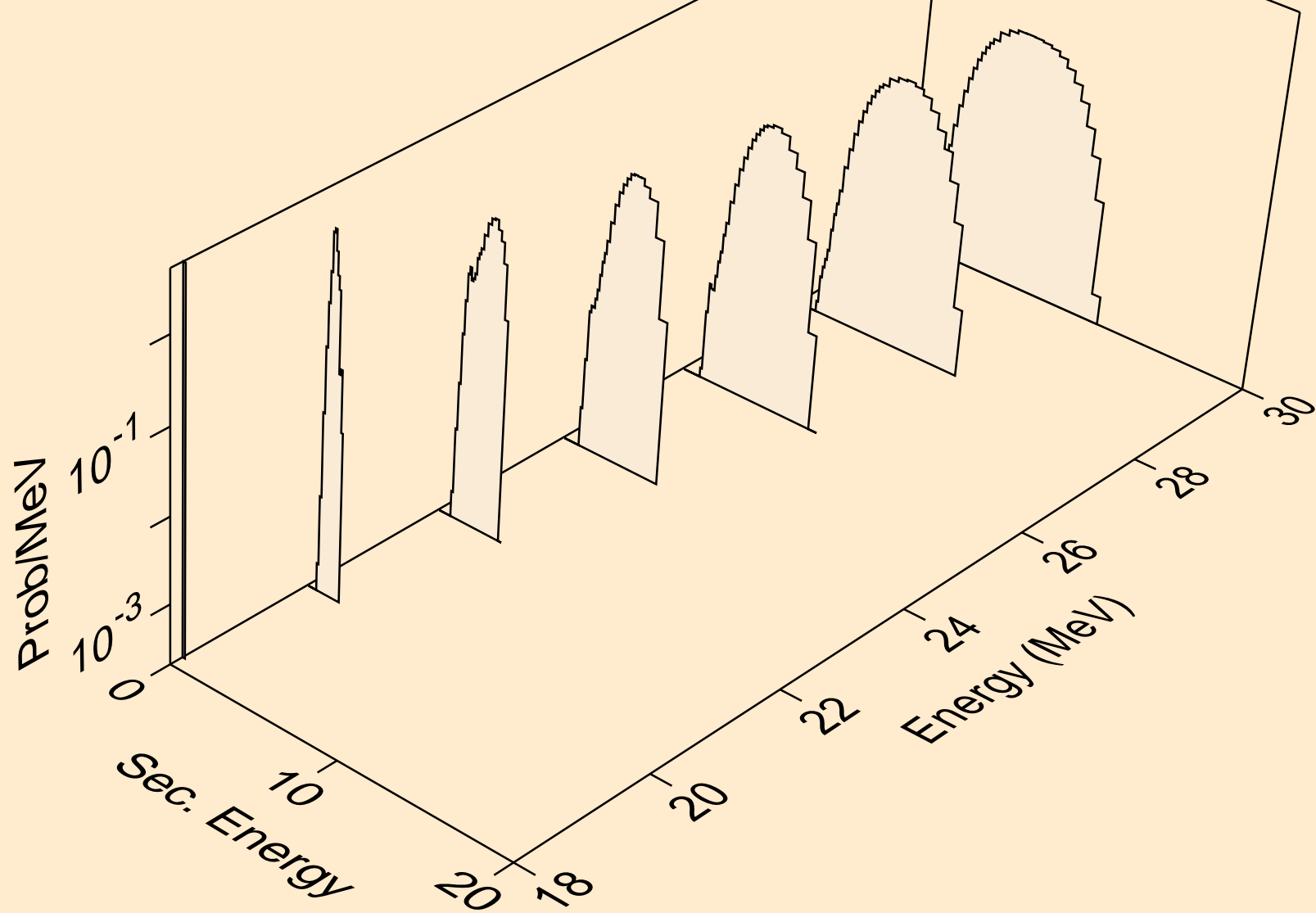




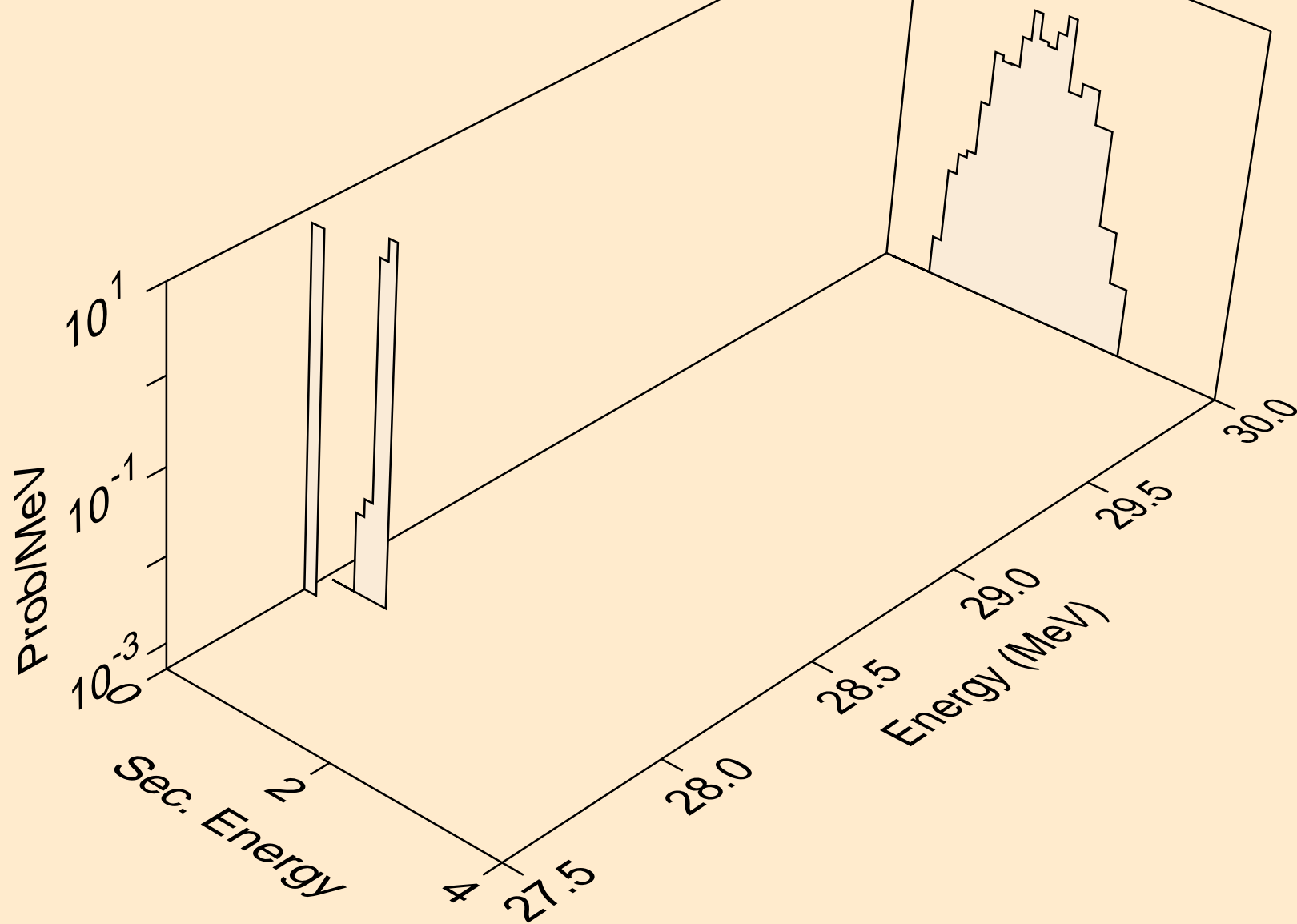
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protons from (a,n\*)p



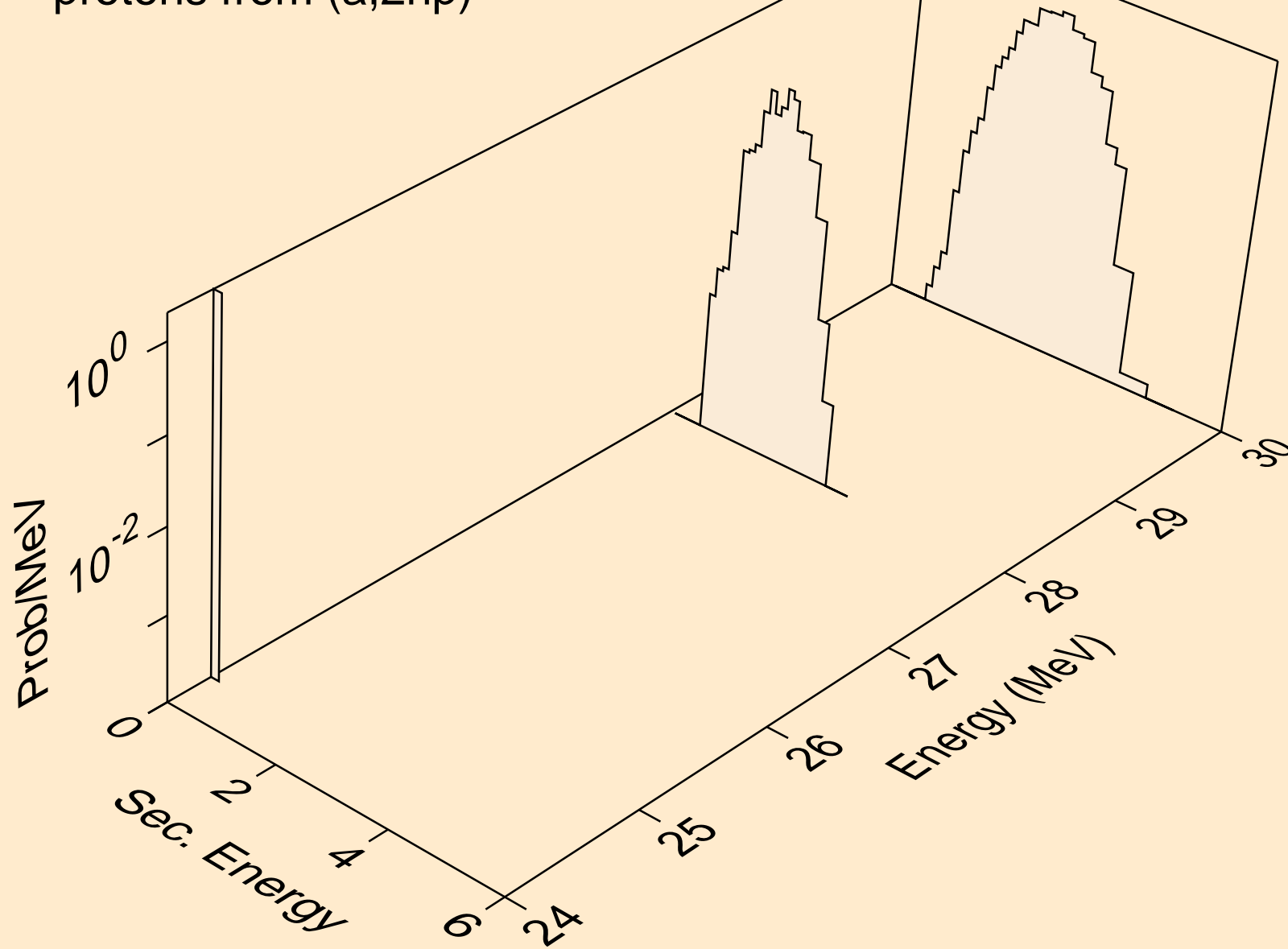
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protons from (a,2np)



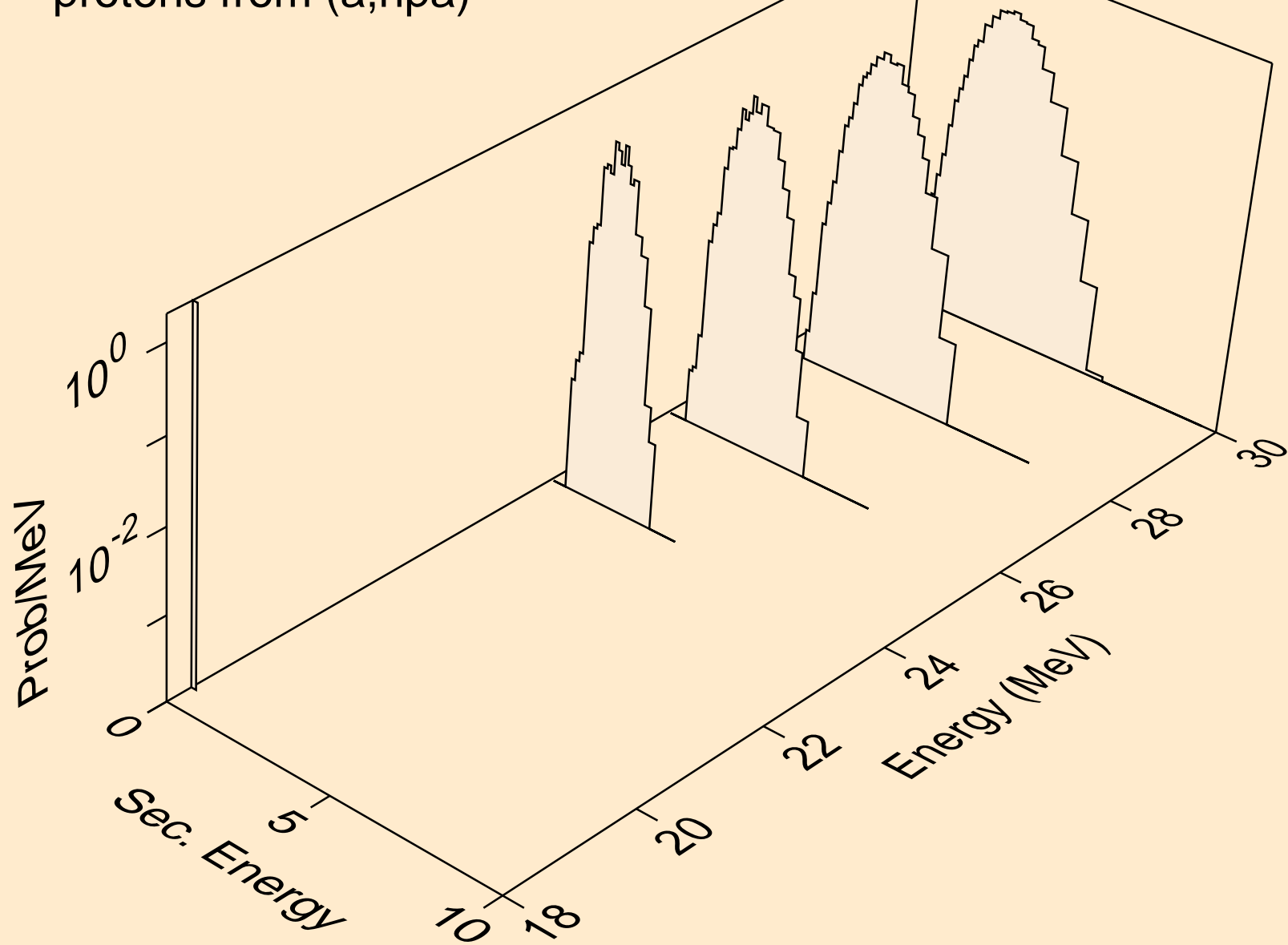
CU069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,3np)



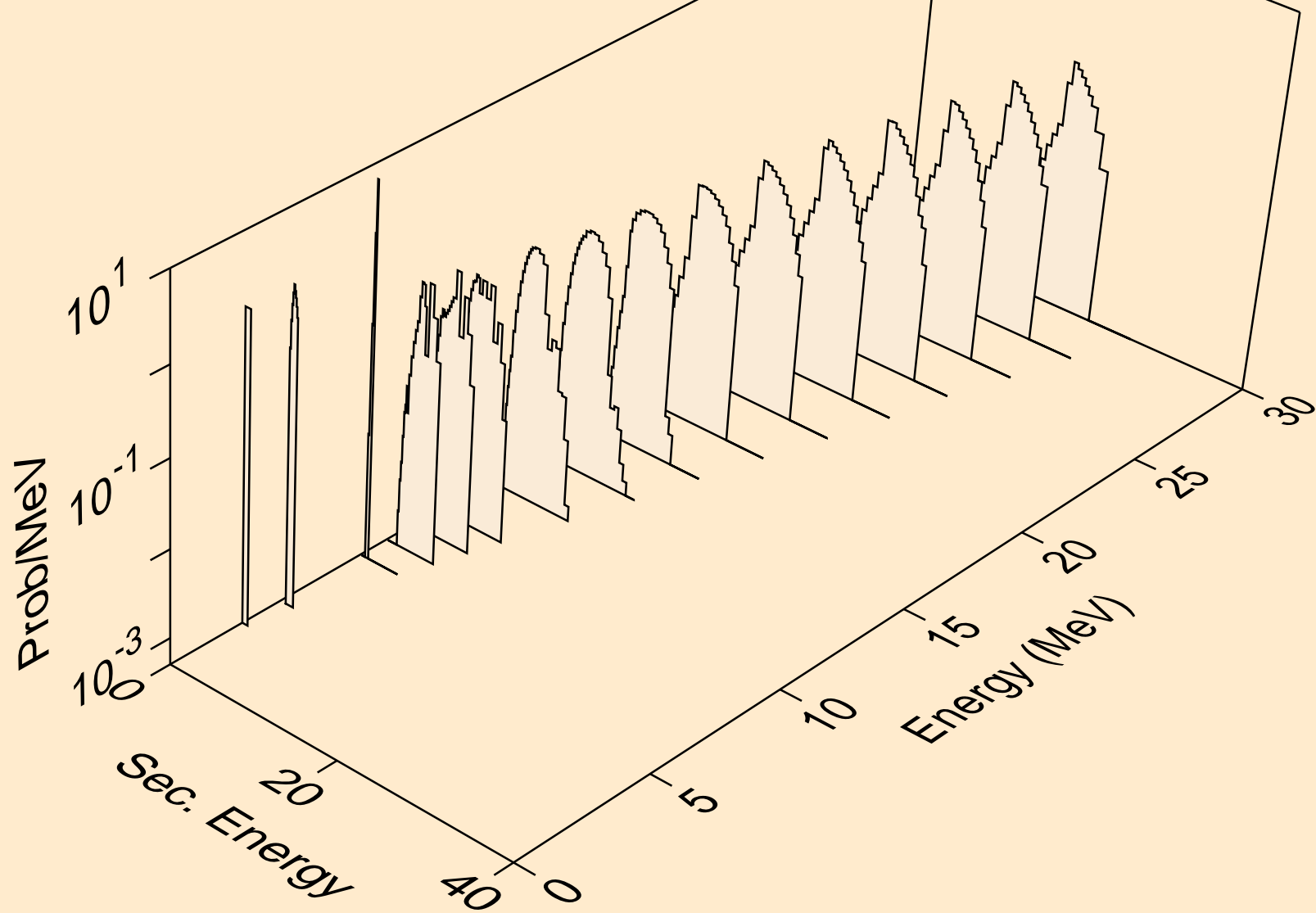
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protons from (a,2np)



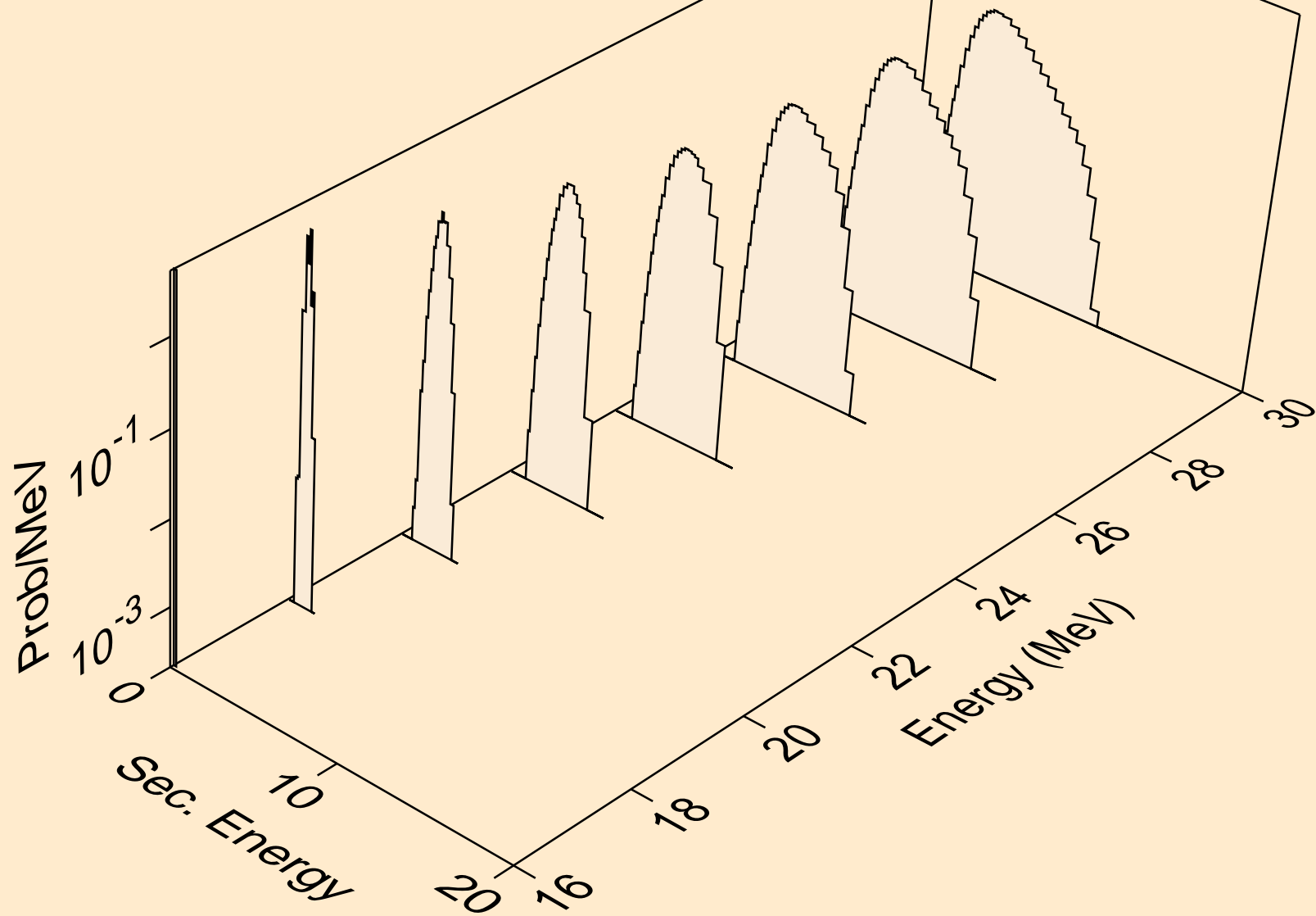
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protons from (a,npa)



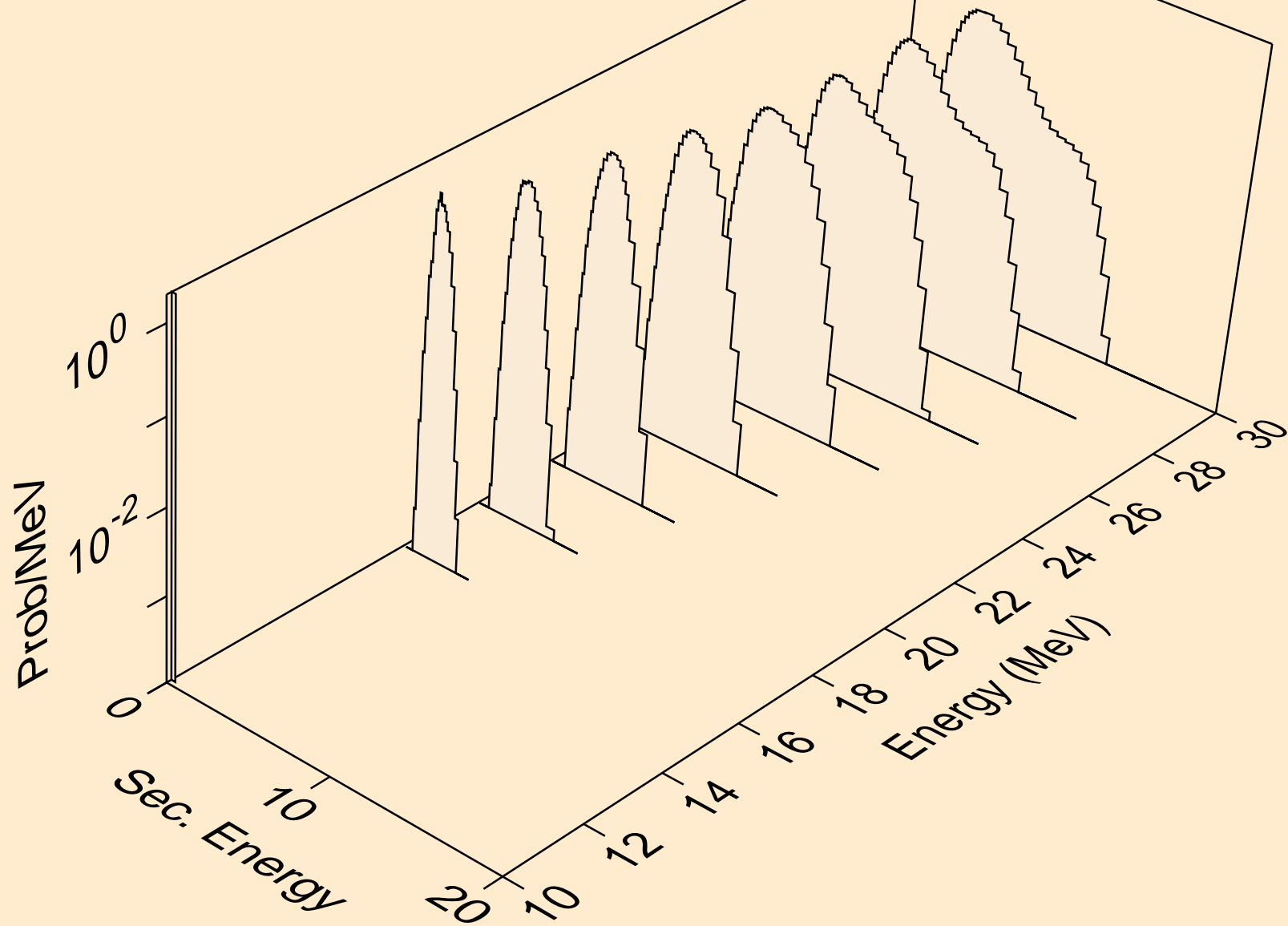
CU069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,p)



CU069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,2p)

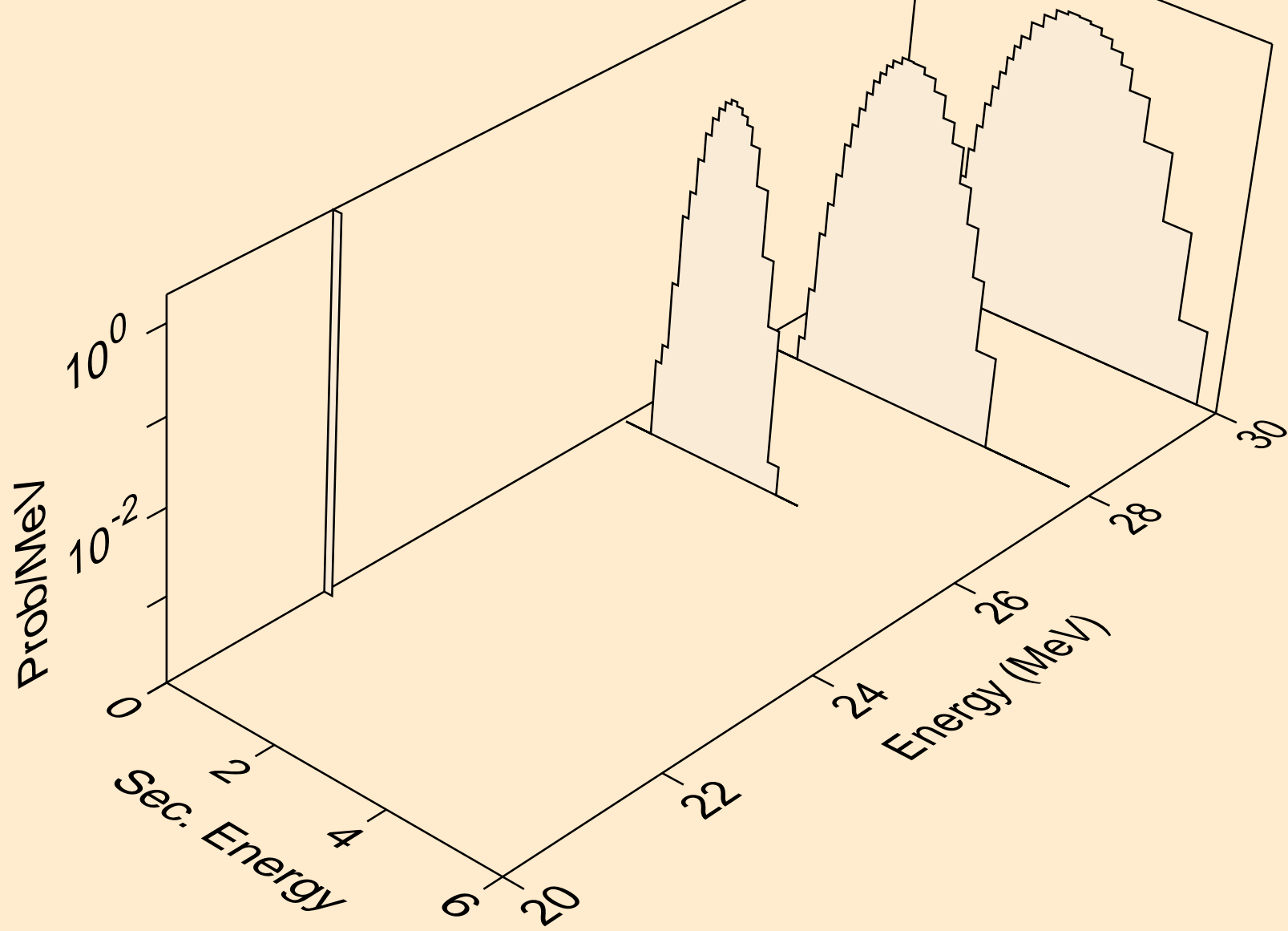


CU069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,pa)

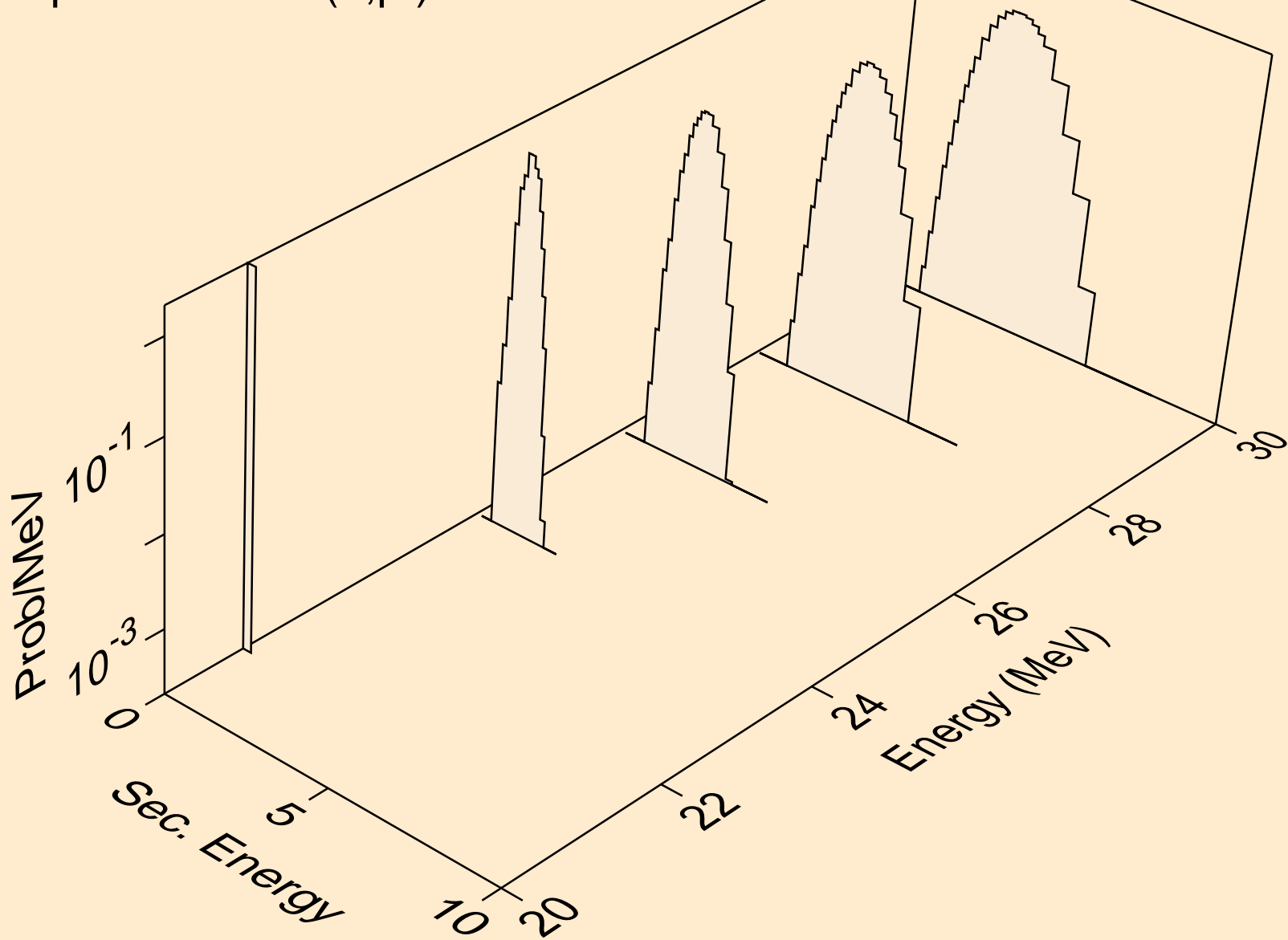




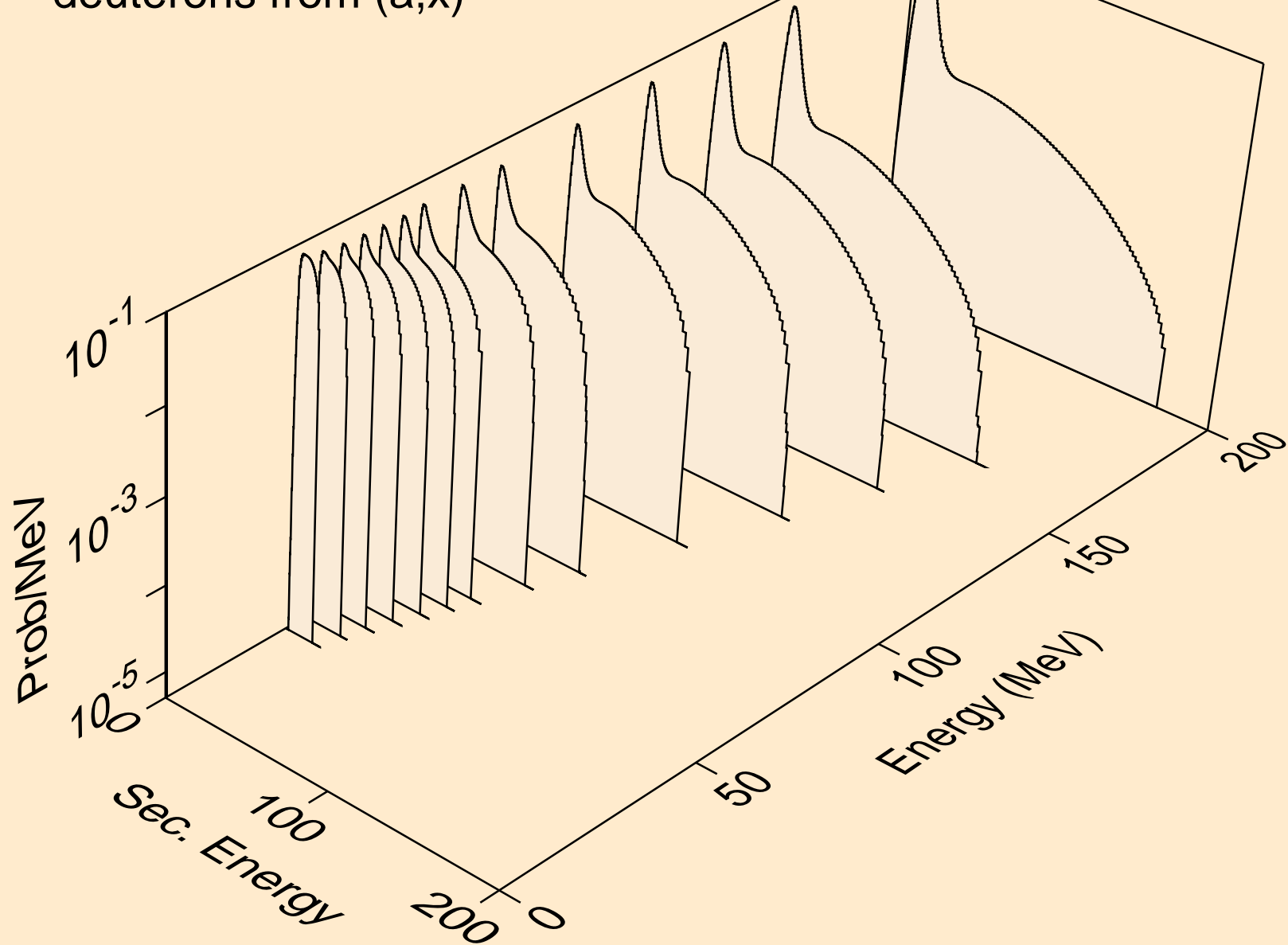
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protons from (a,pd)



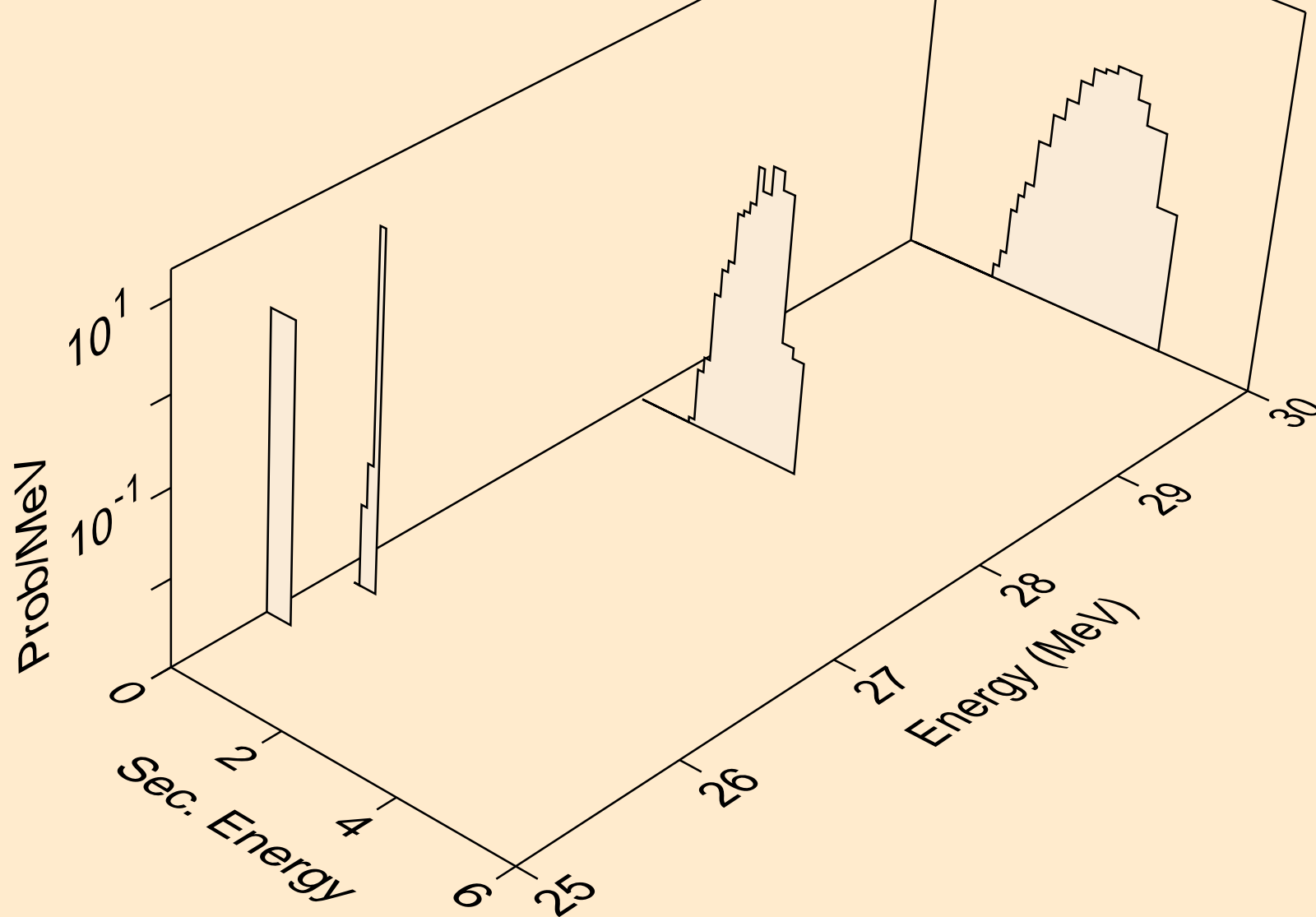
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protons from (a,pt)



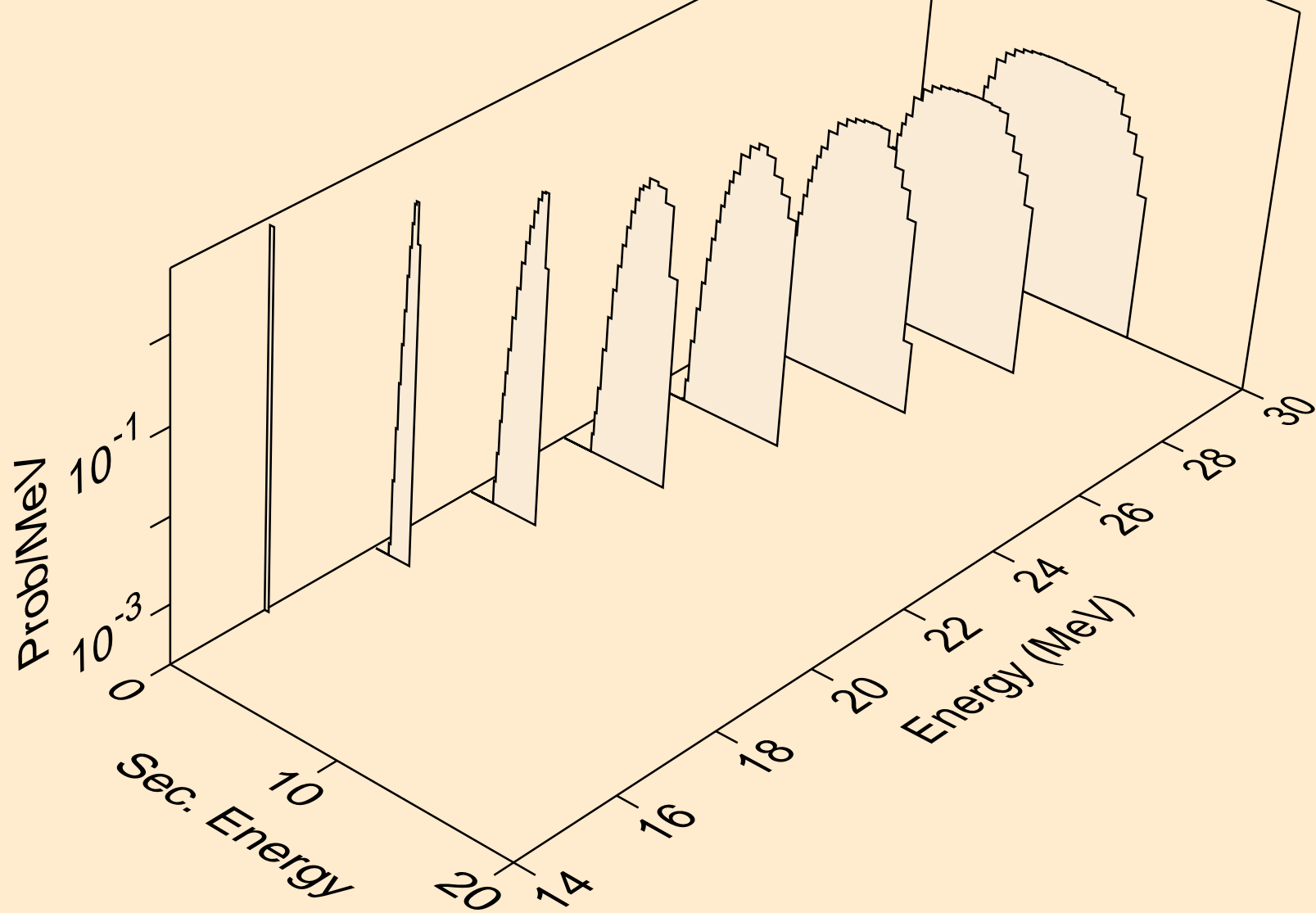
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deuterons from (a,x)



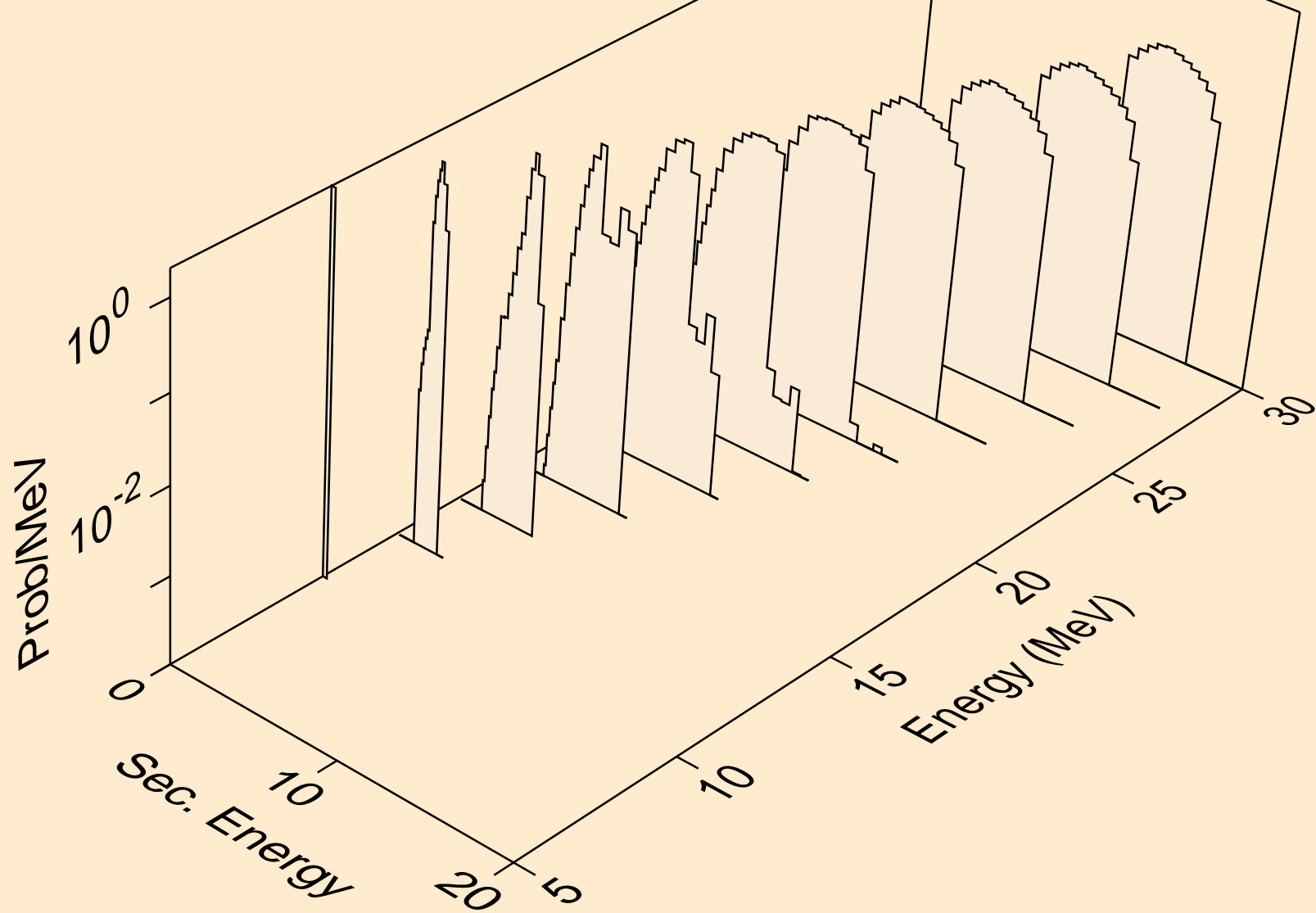
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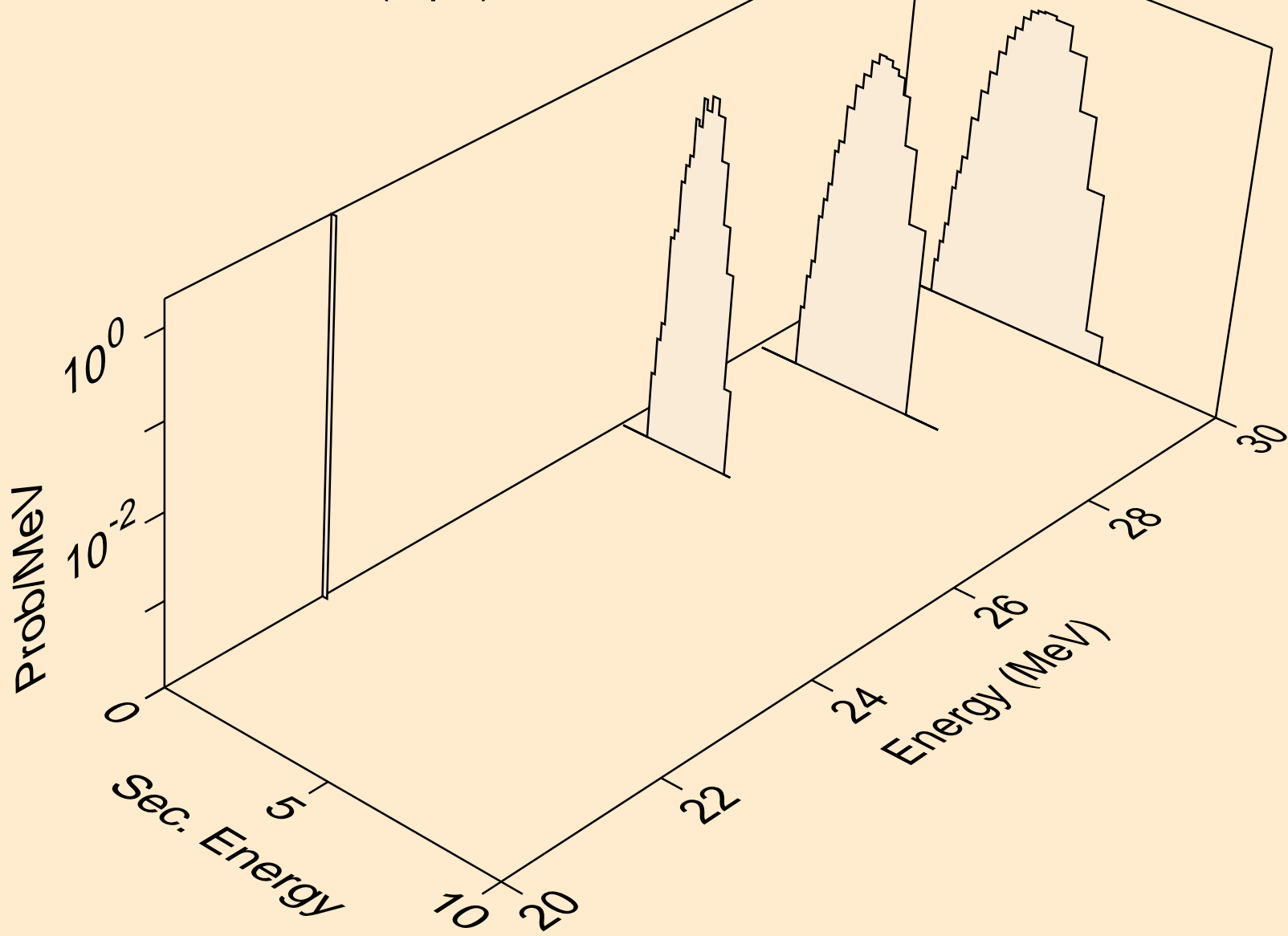
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deuterons from (a,n\*)d



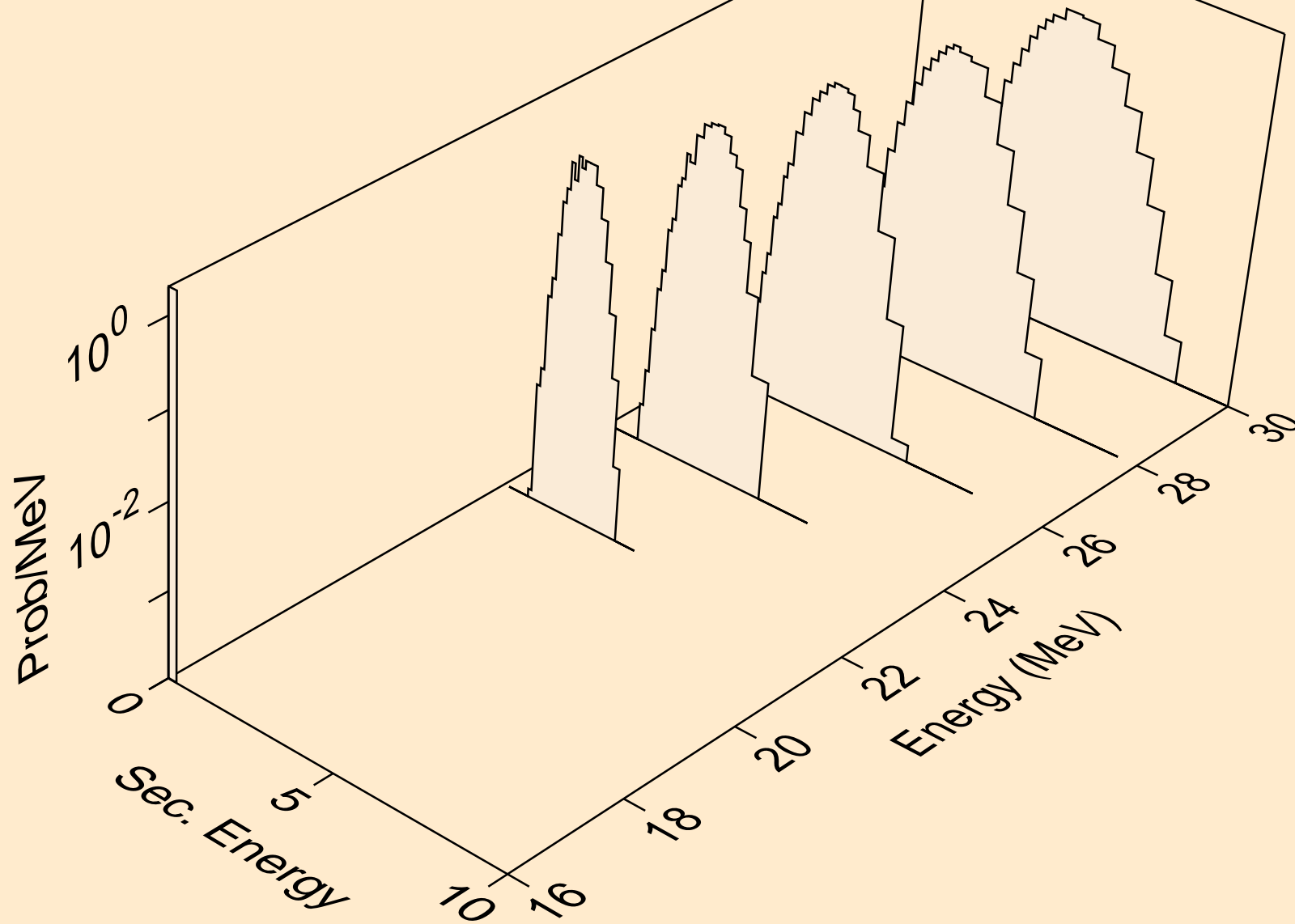
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deuterons from (a,d)



CU069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,pd)

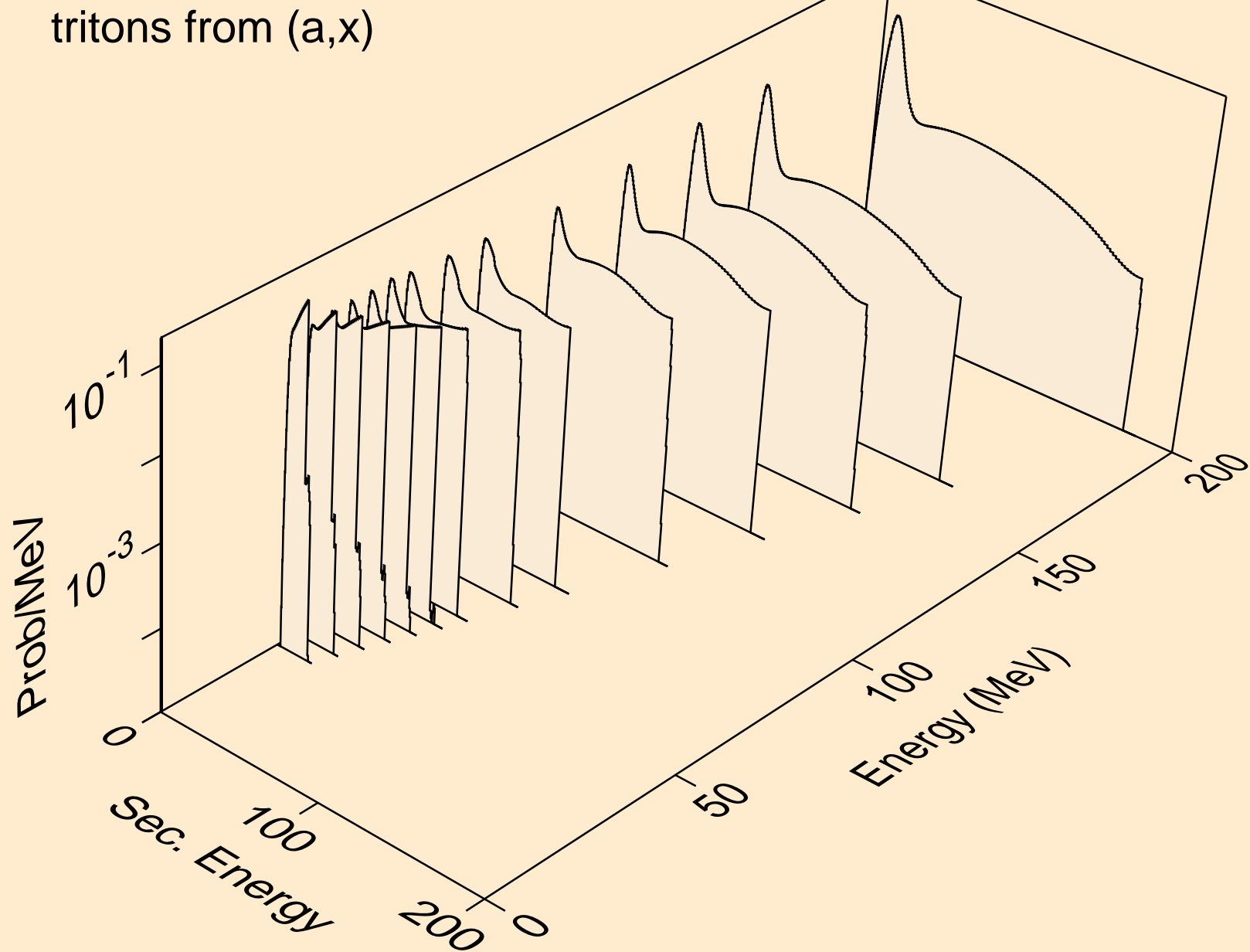


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deuterons from (a,da)

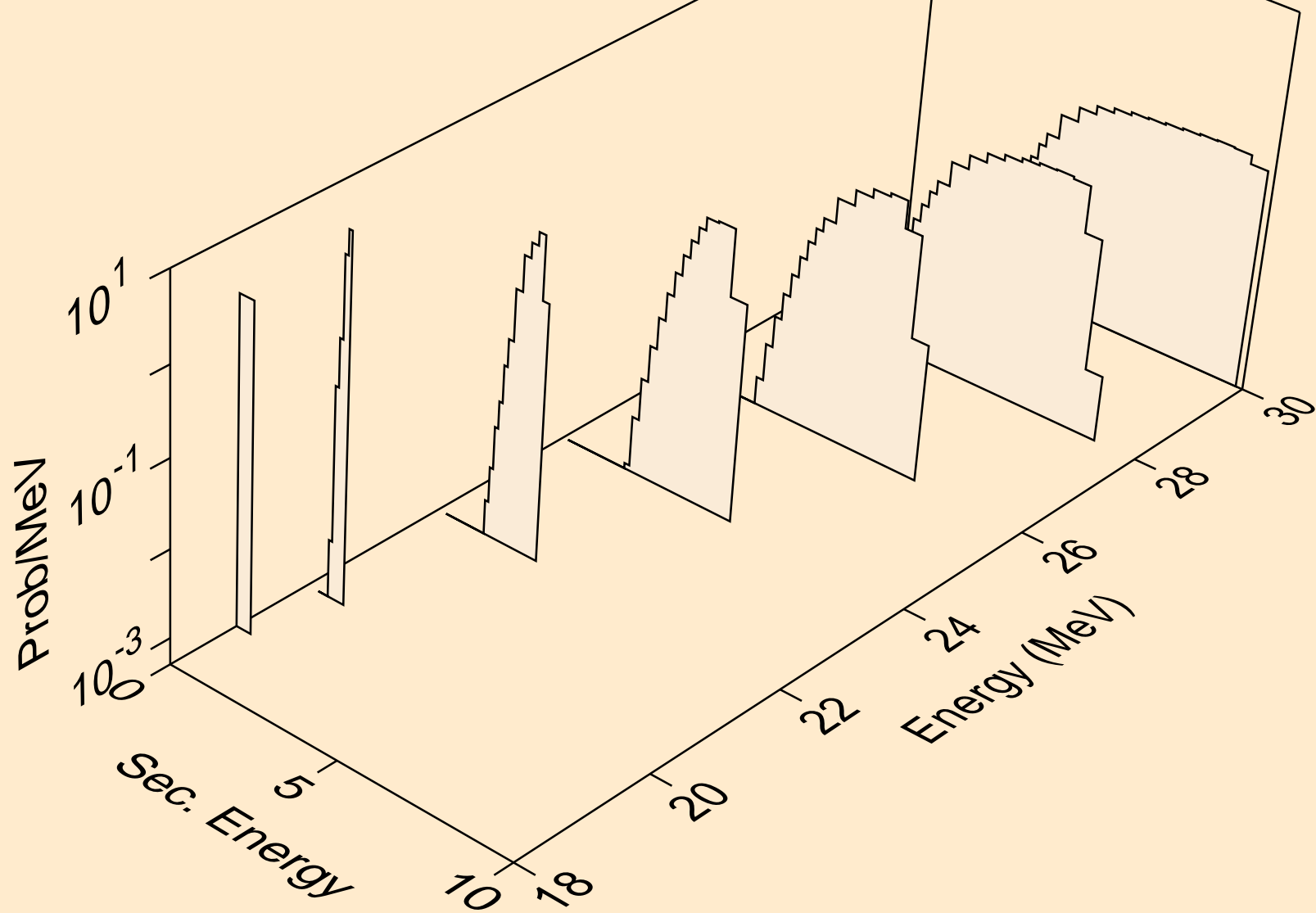




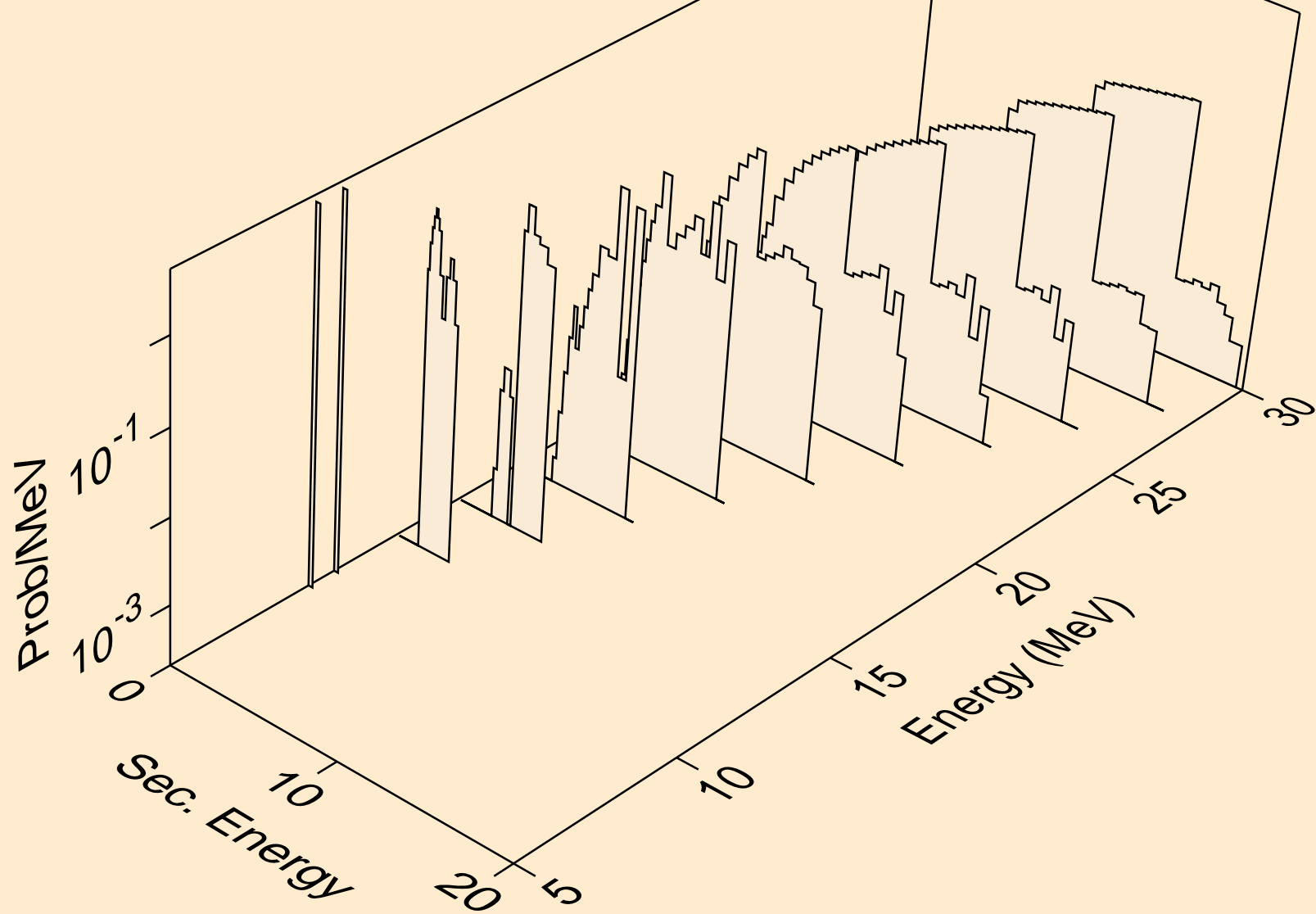
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tritons from (a,x)



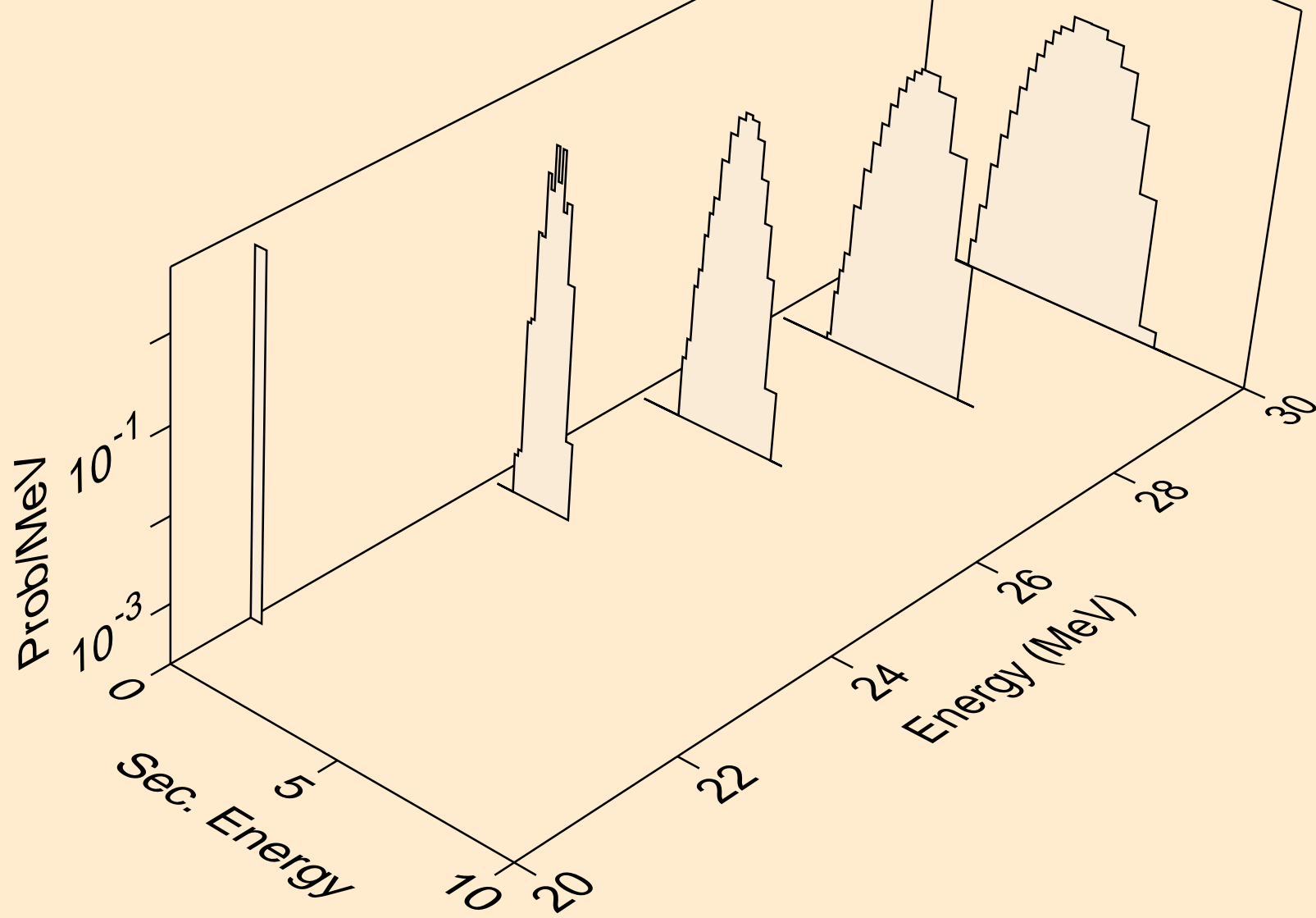
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tritons from (a,n\*)t



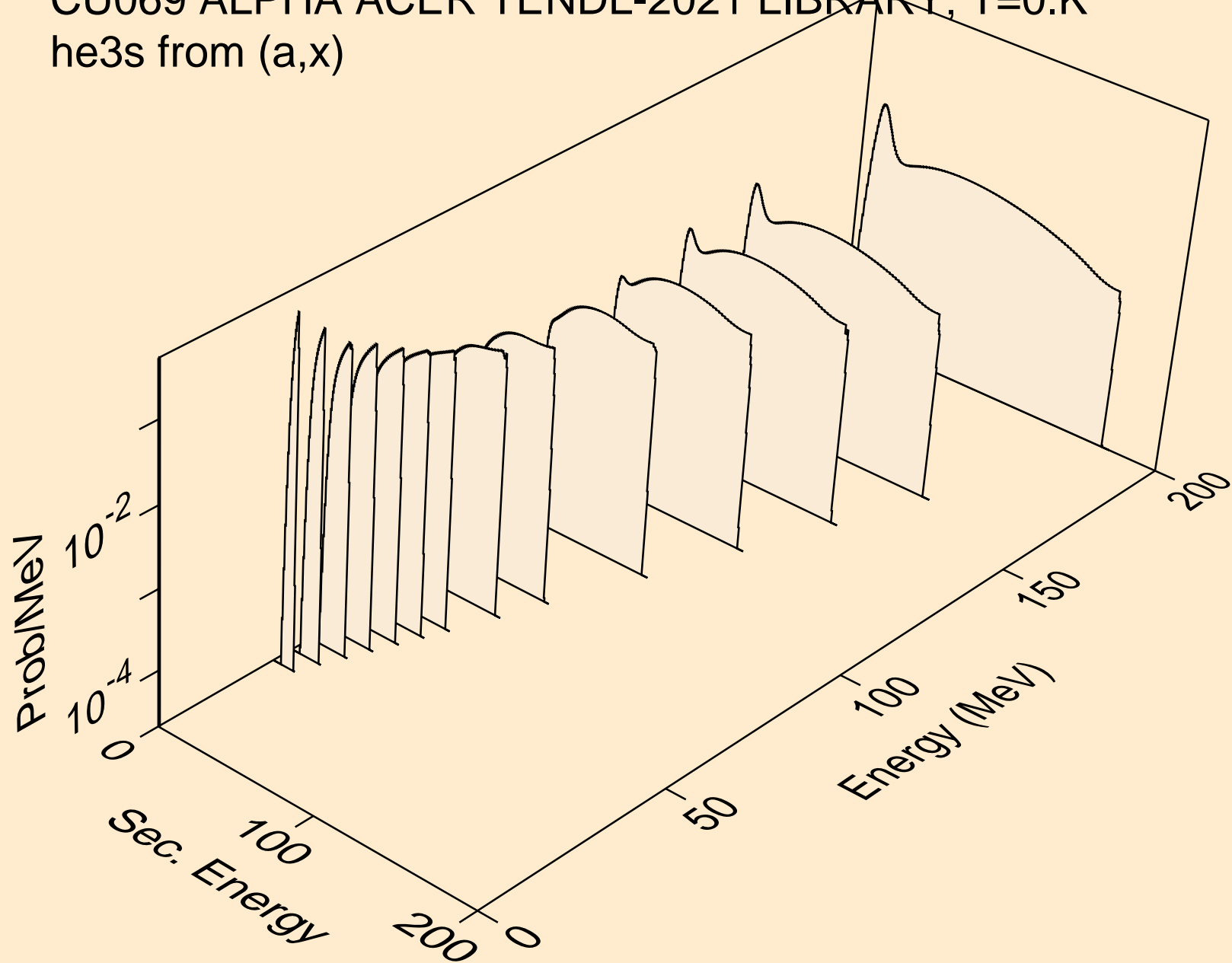
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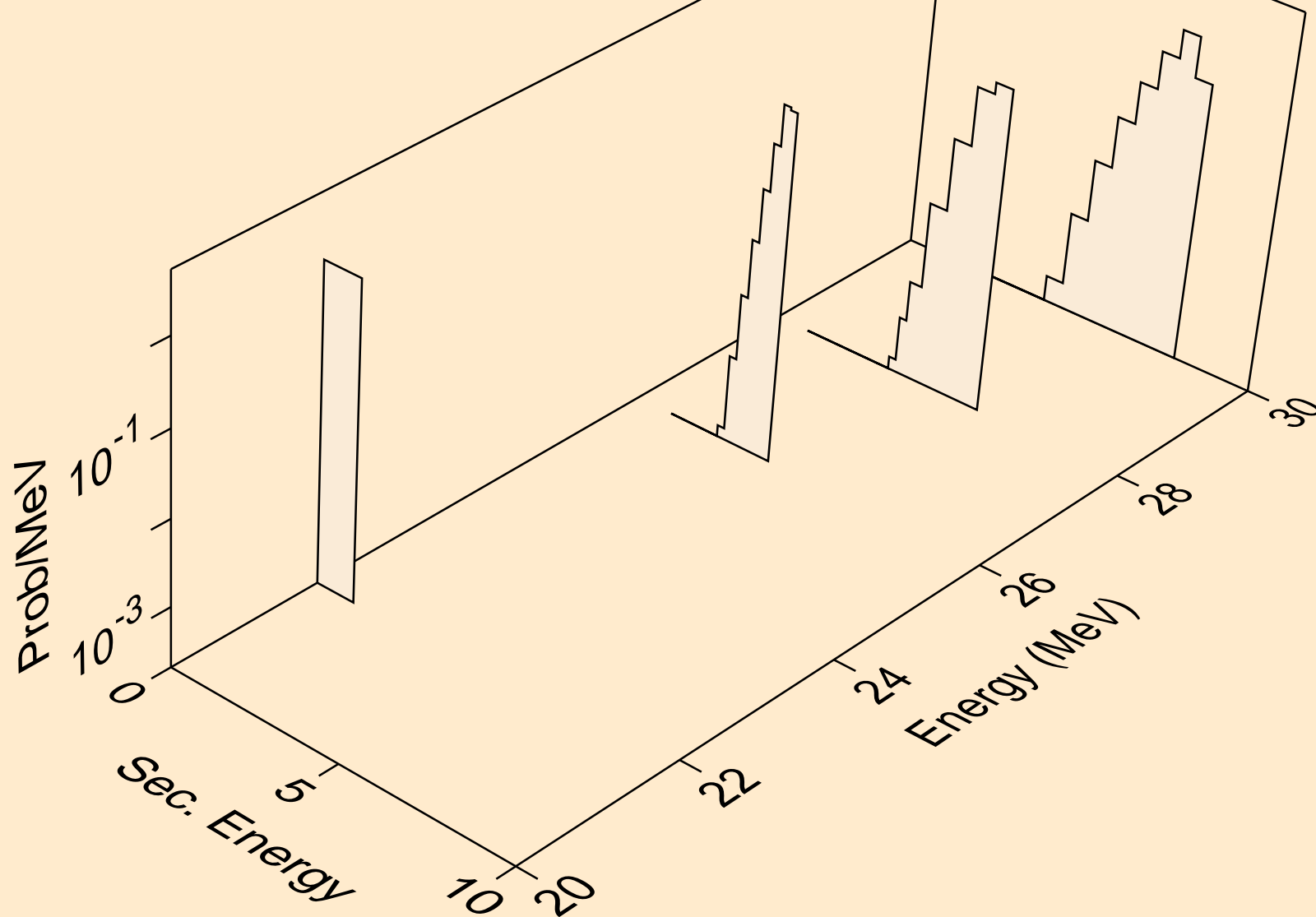
CU069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,pt)



CU069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,x)



CU069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,n\*)he3



CU069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,he3)

