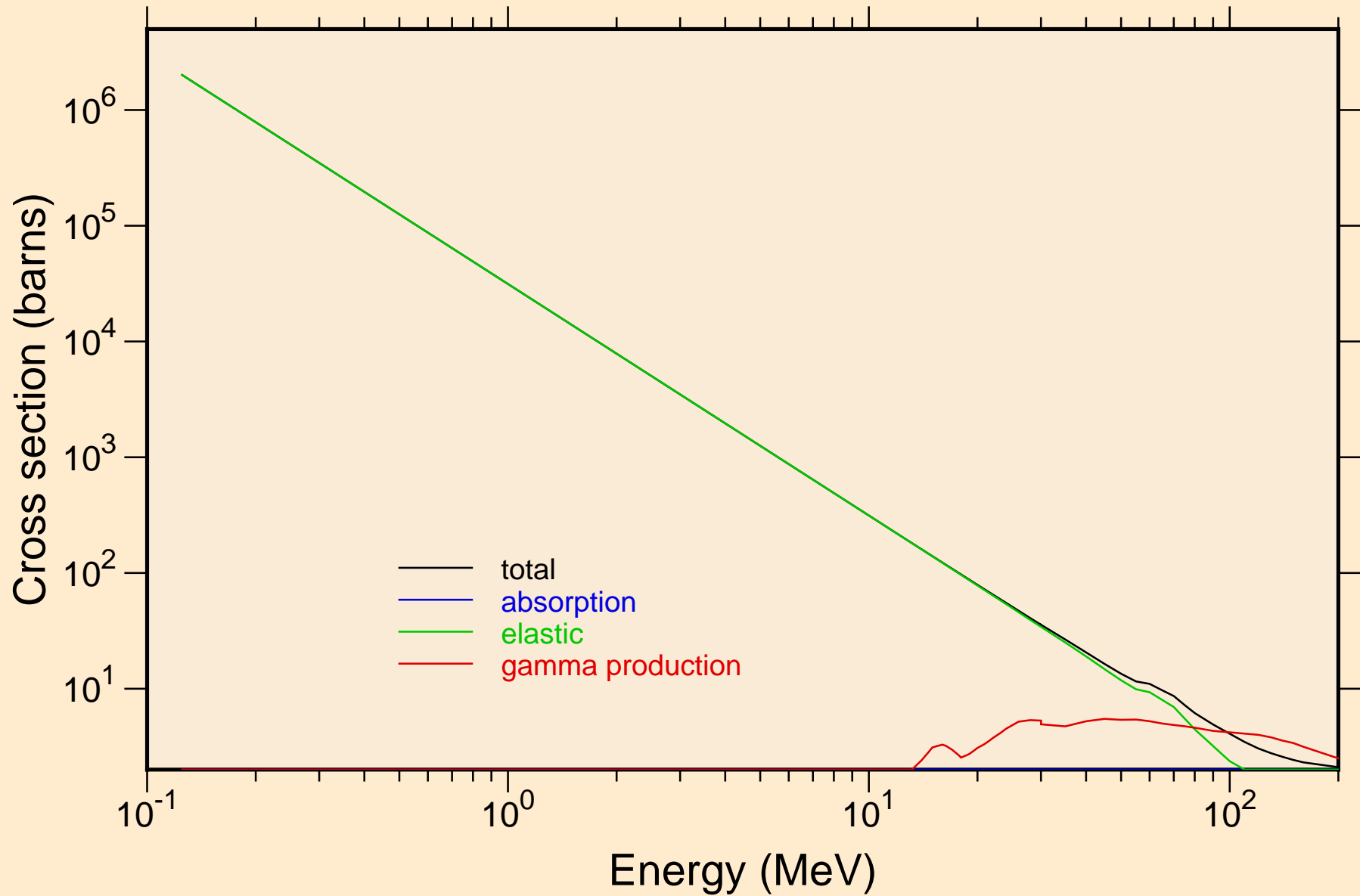
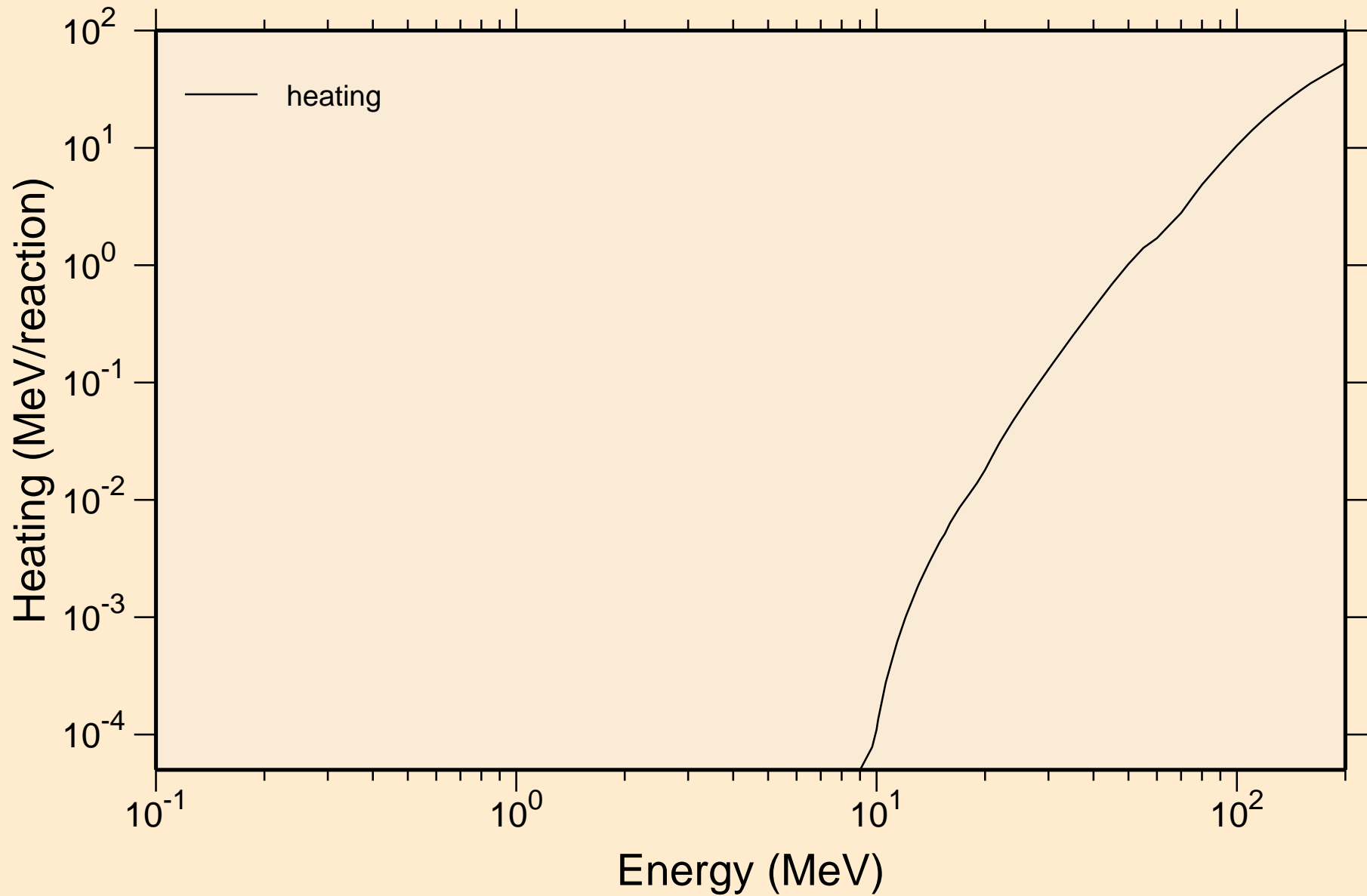


SE077 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections



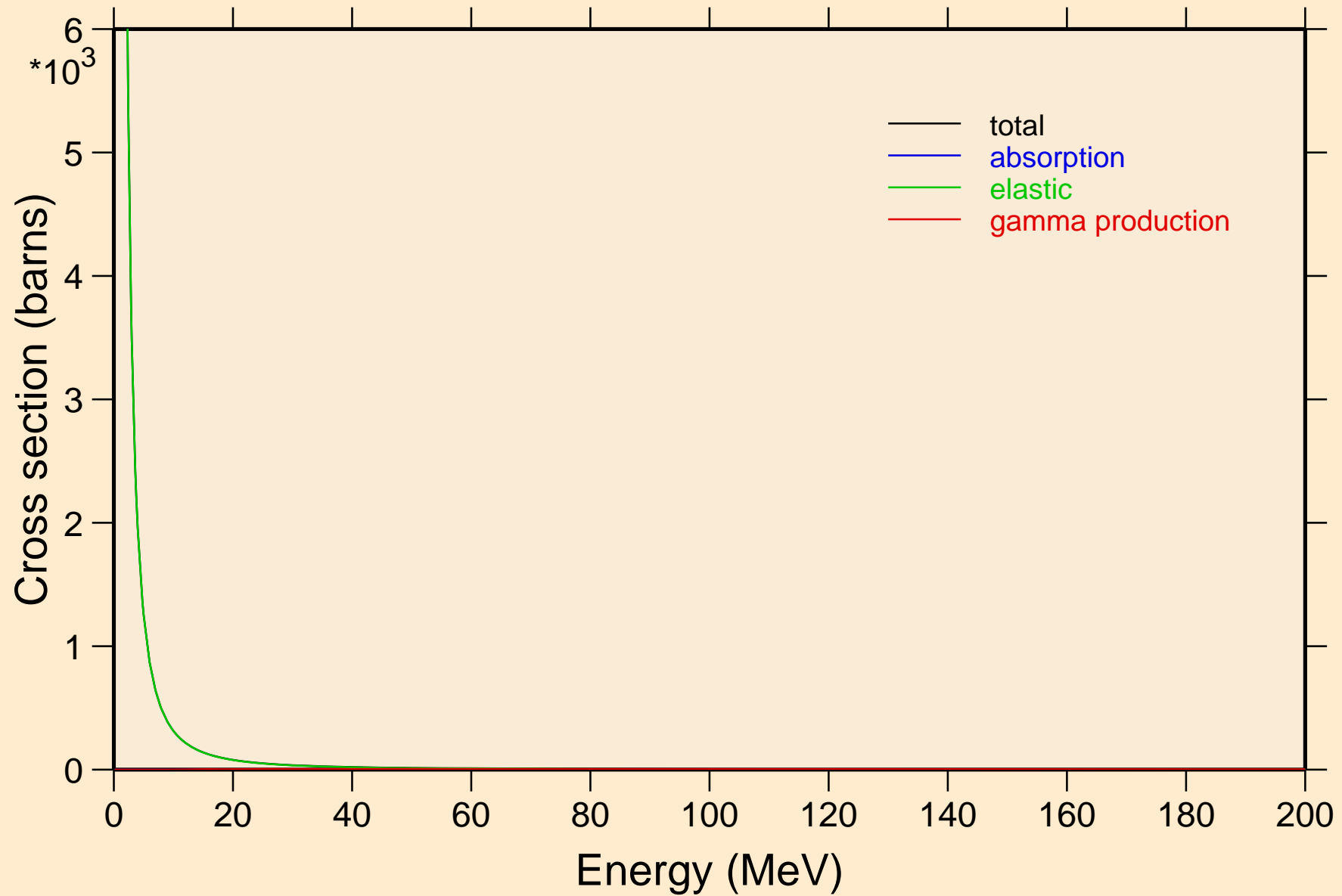
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Heating



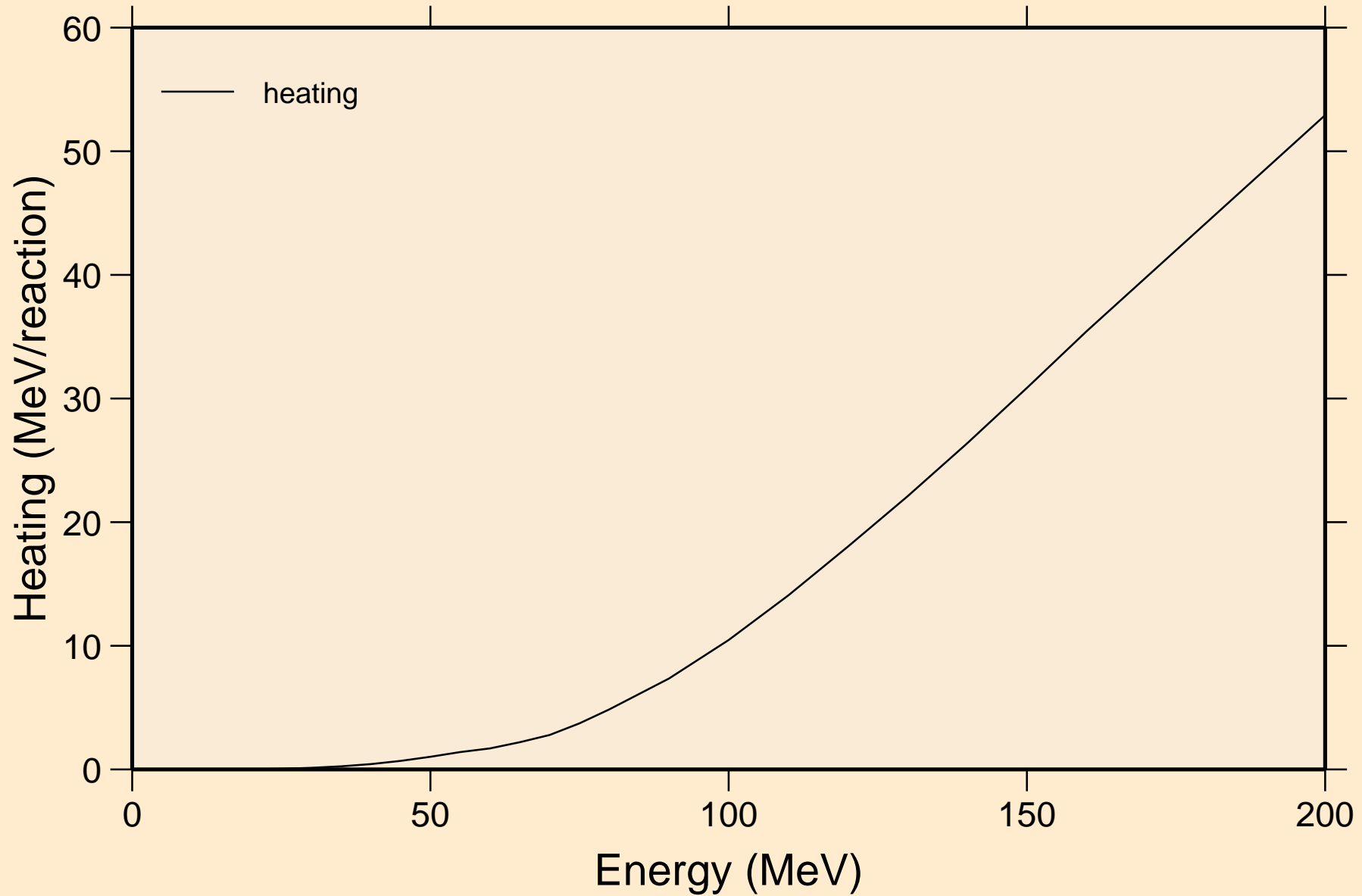
# SE077 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

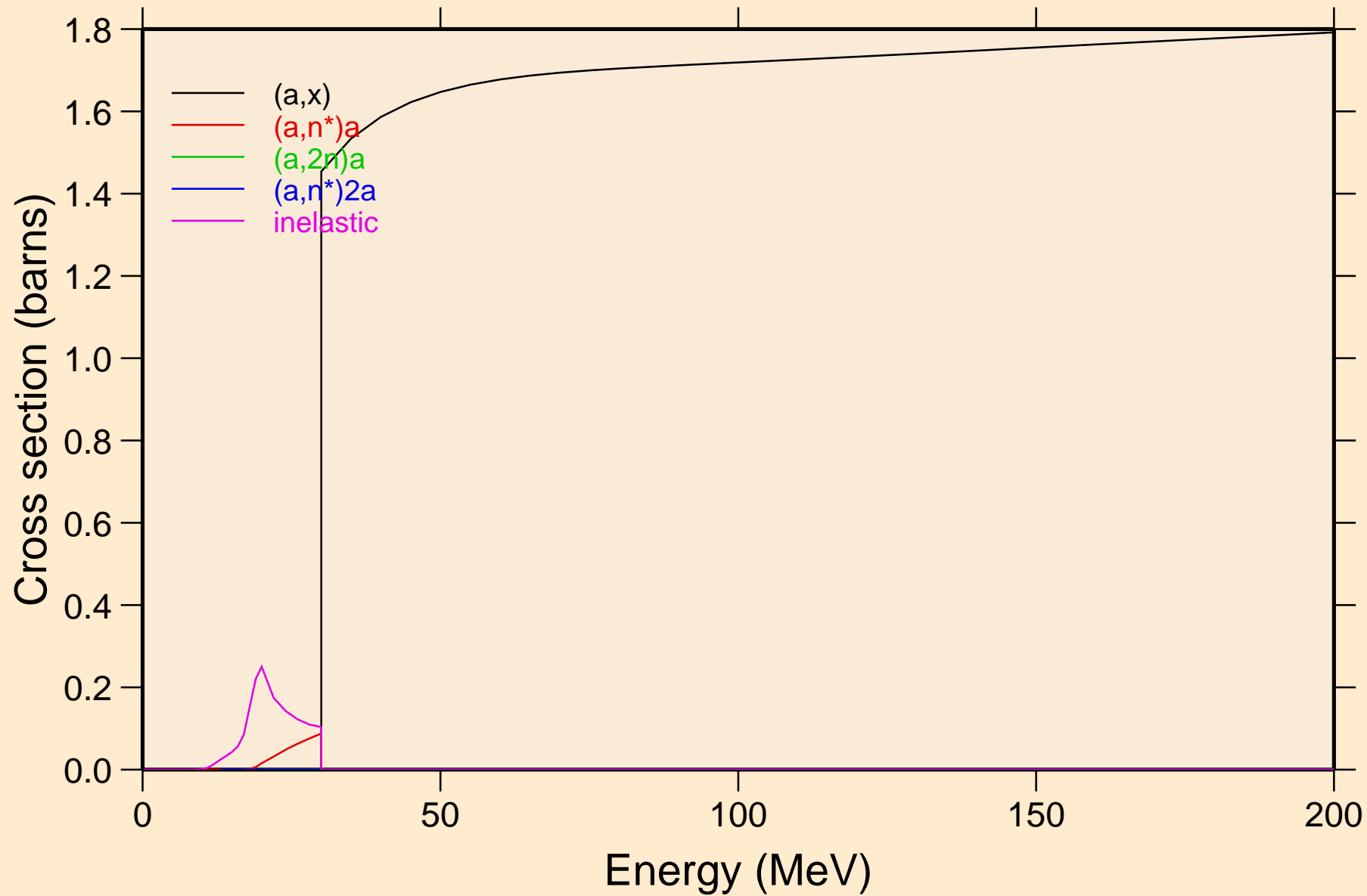


SE077 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

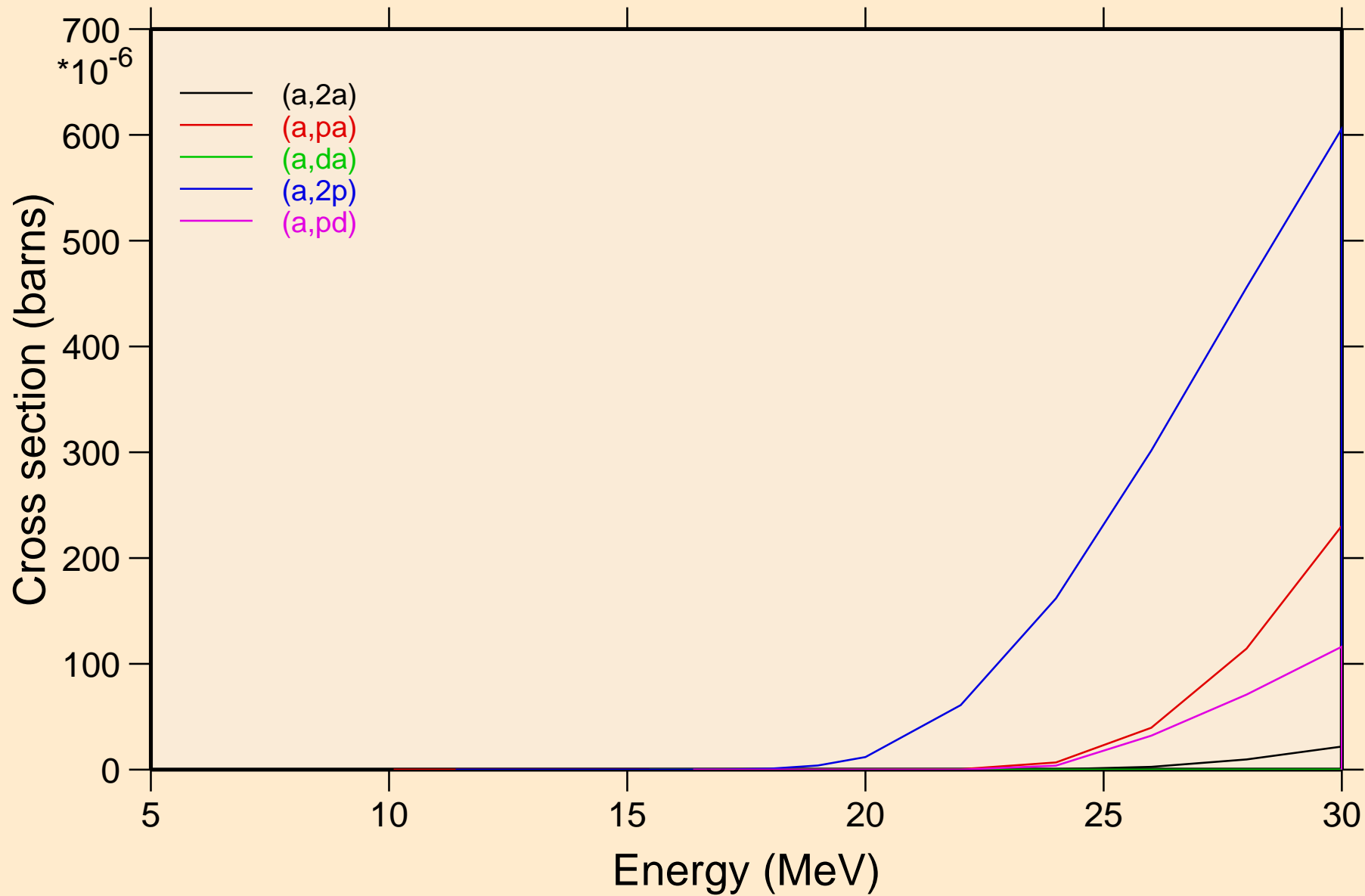
Heating



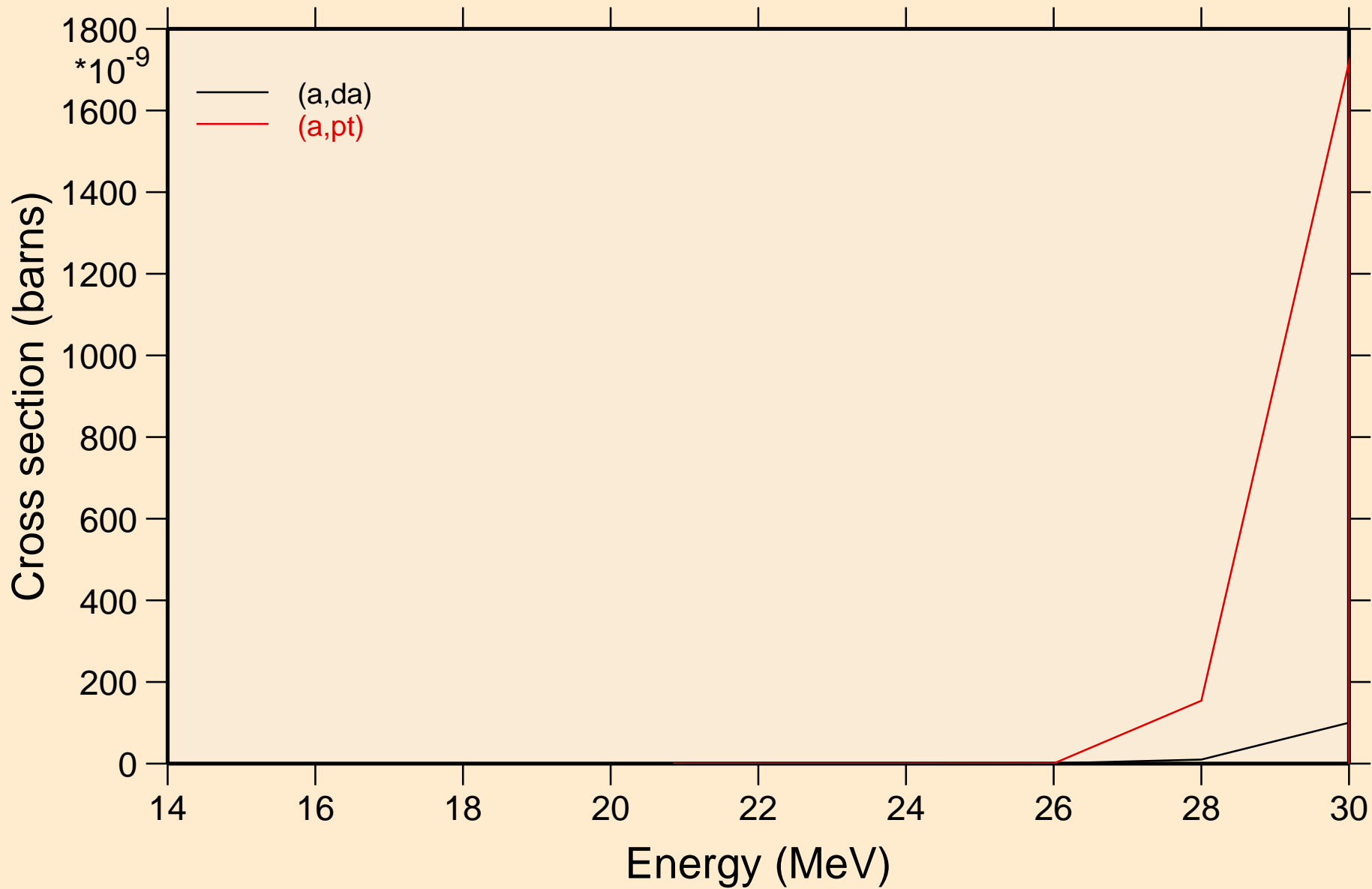
SE077 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



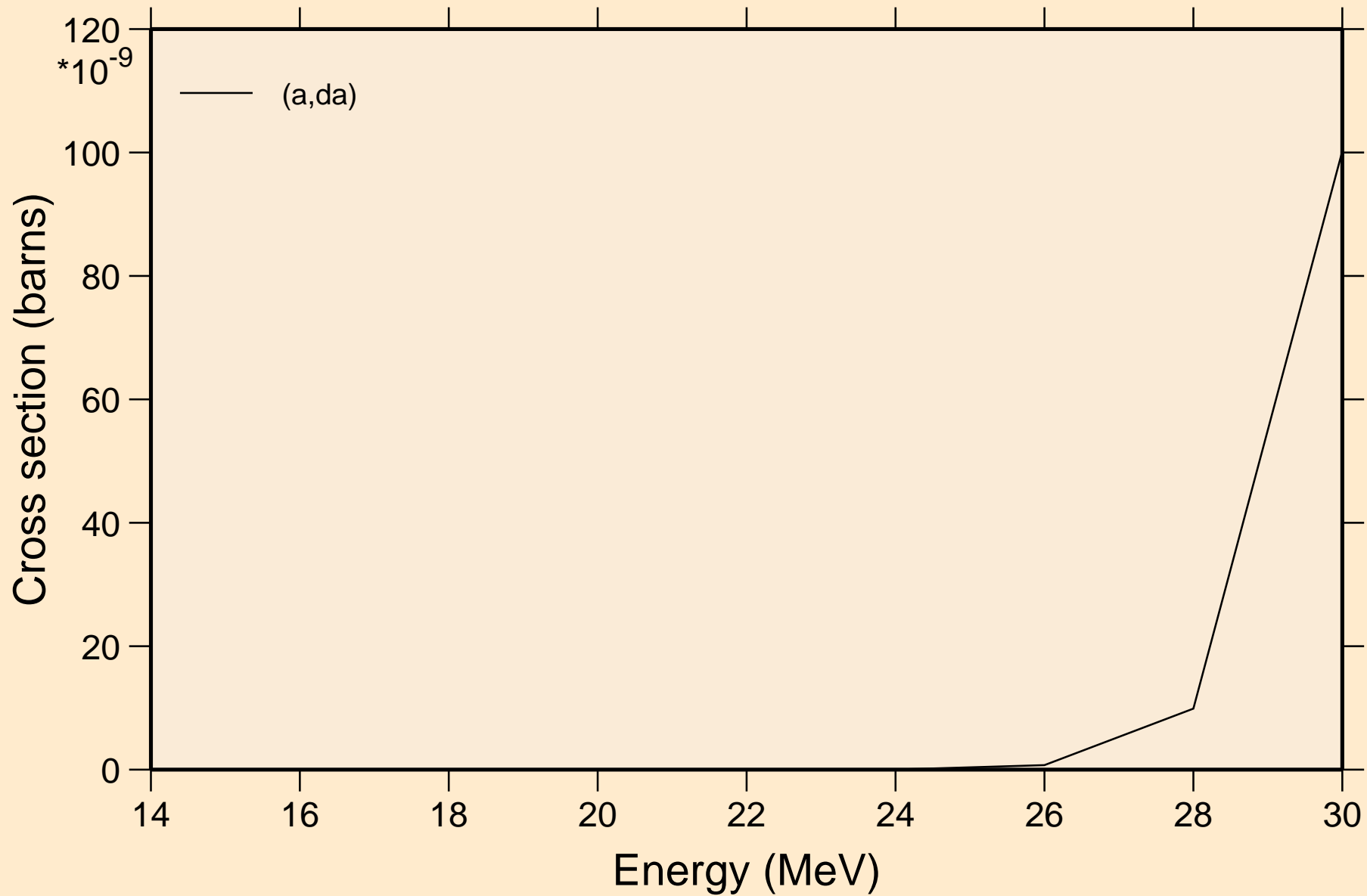
SE077 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



SE077 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

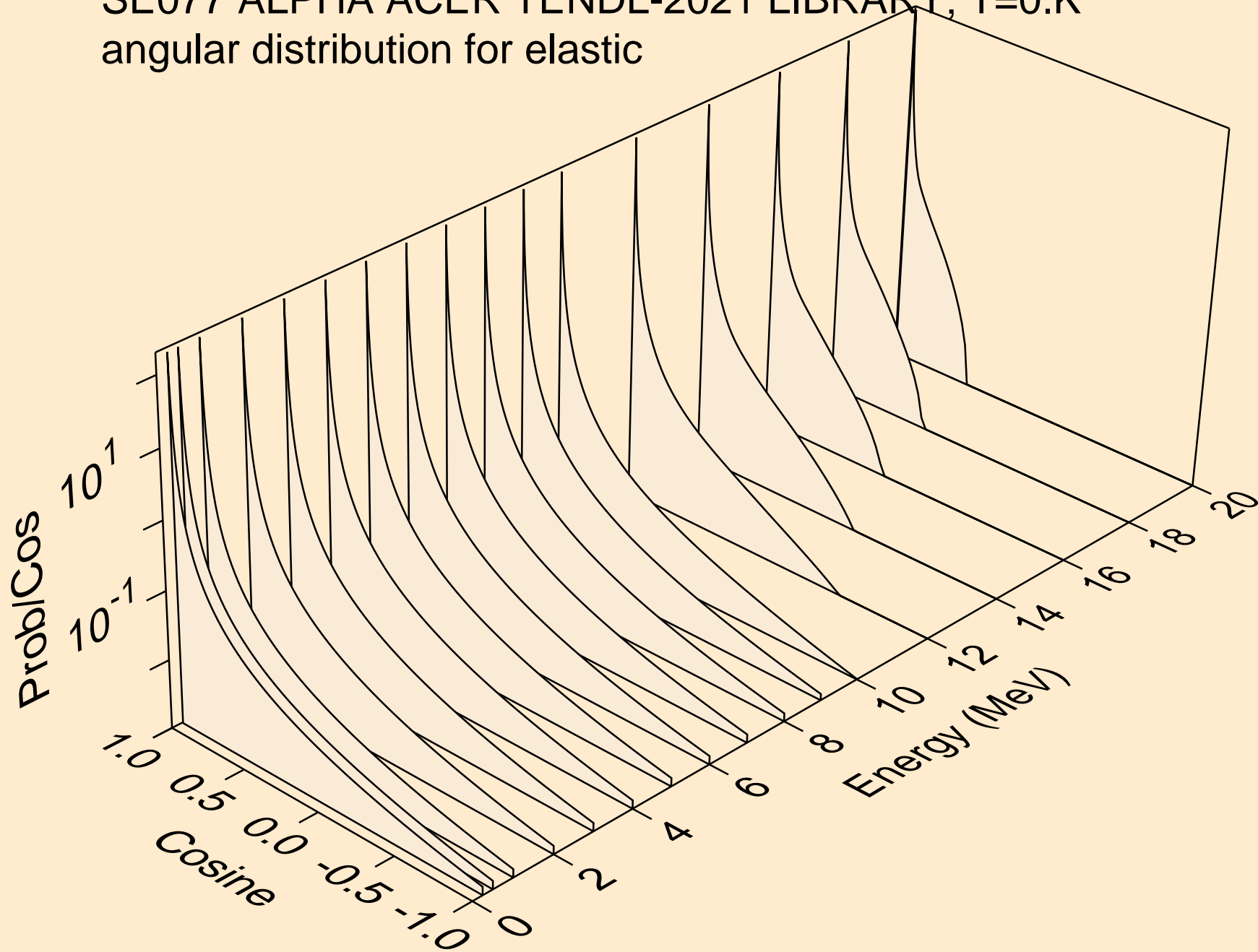


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Threshold reactions

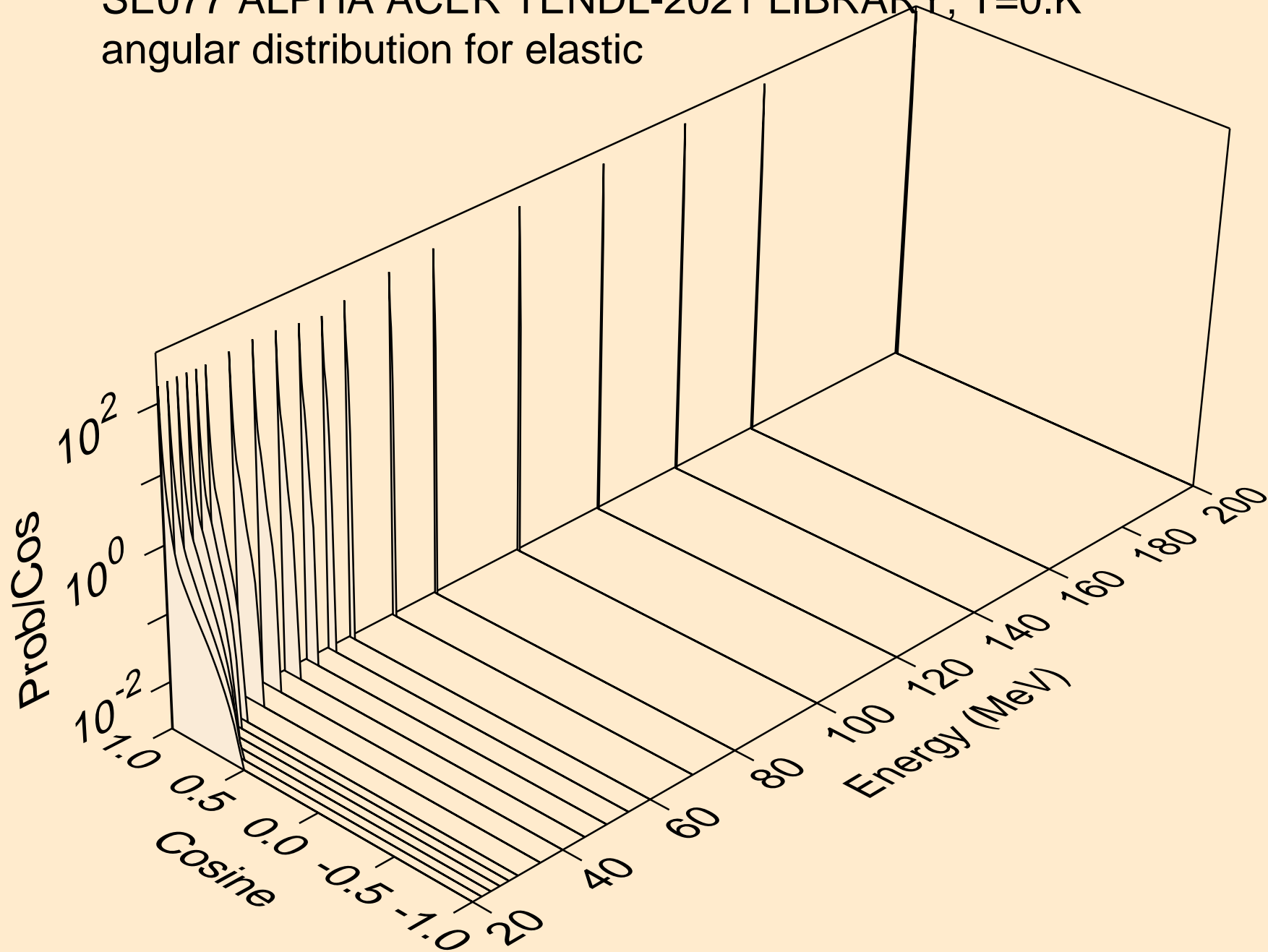




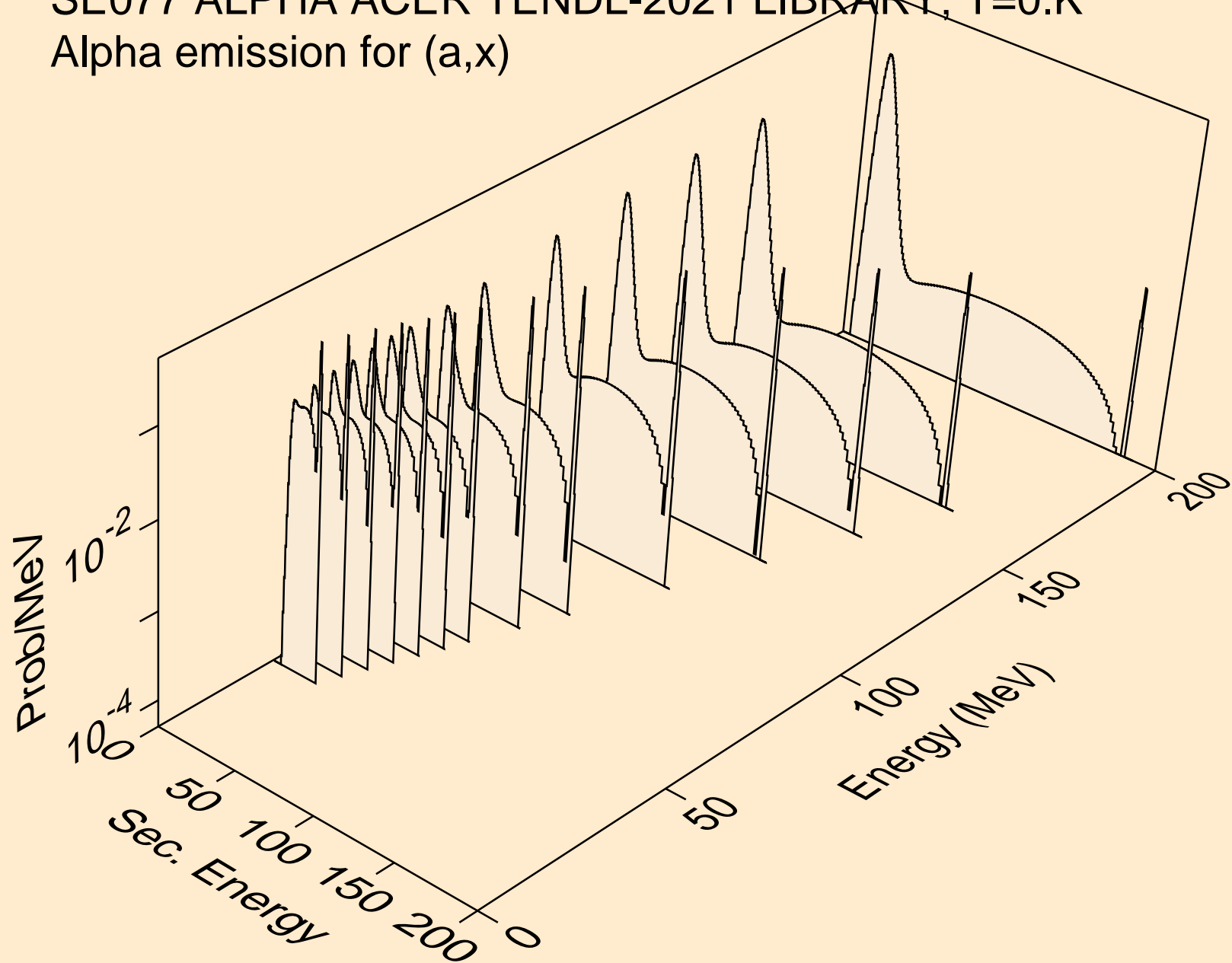
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angular distribution for elastic



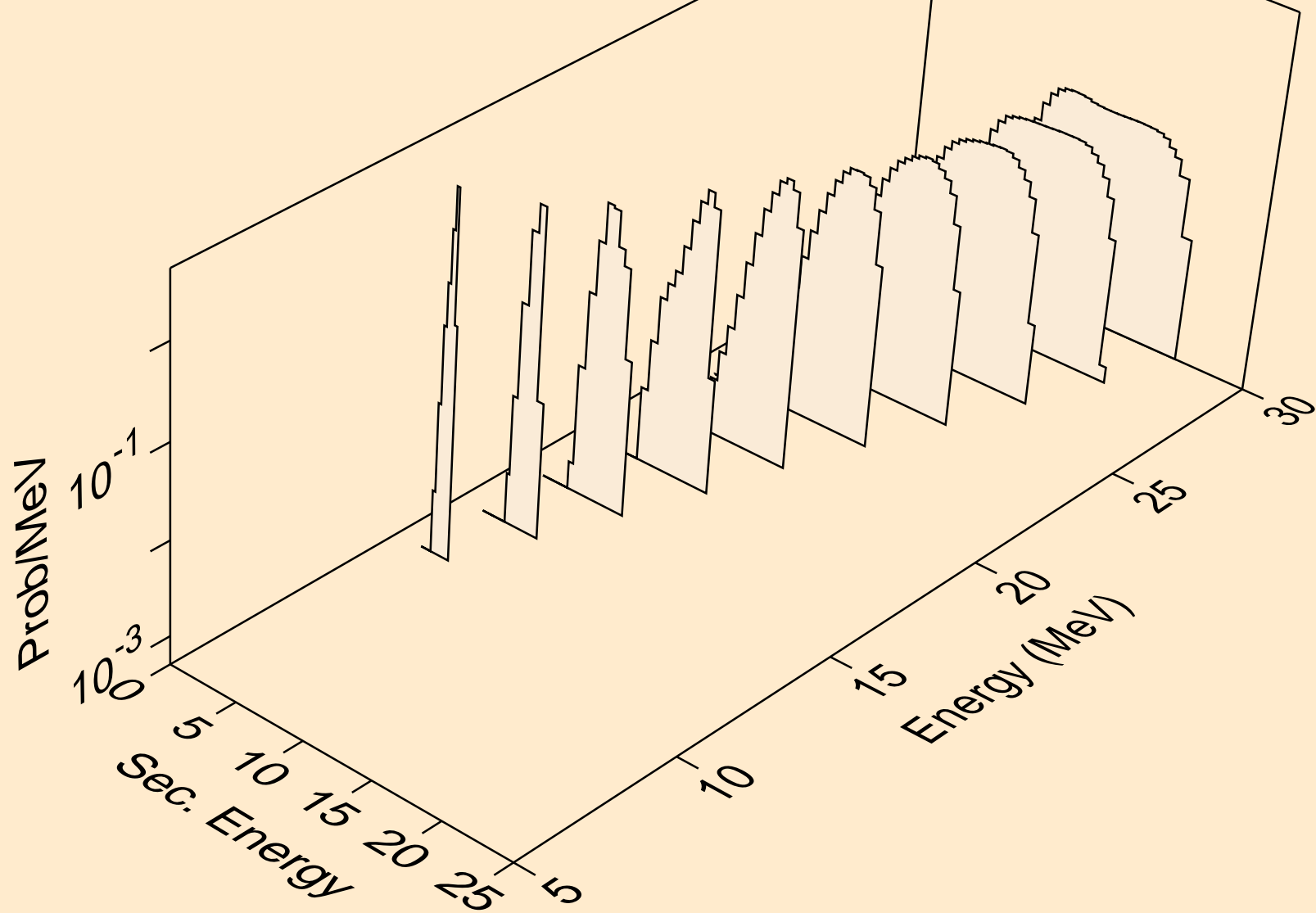
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angular distribution for elastic



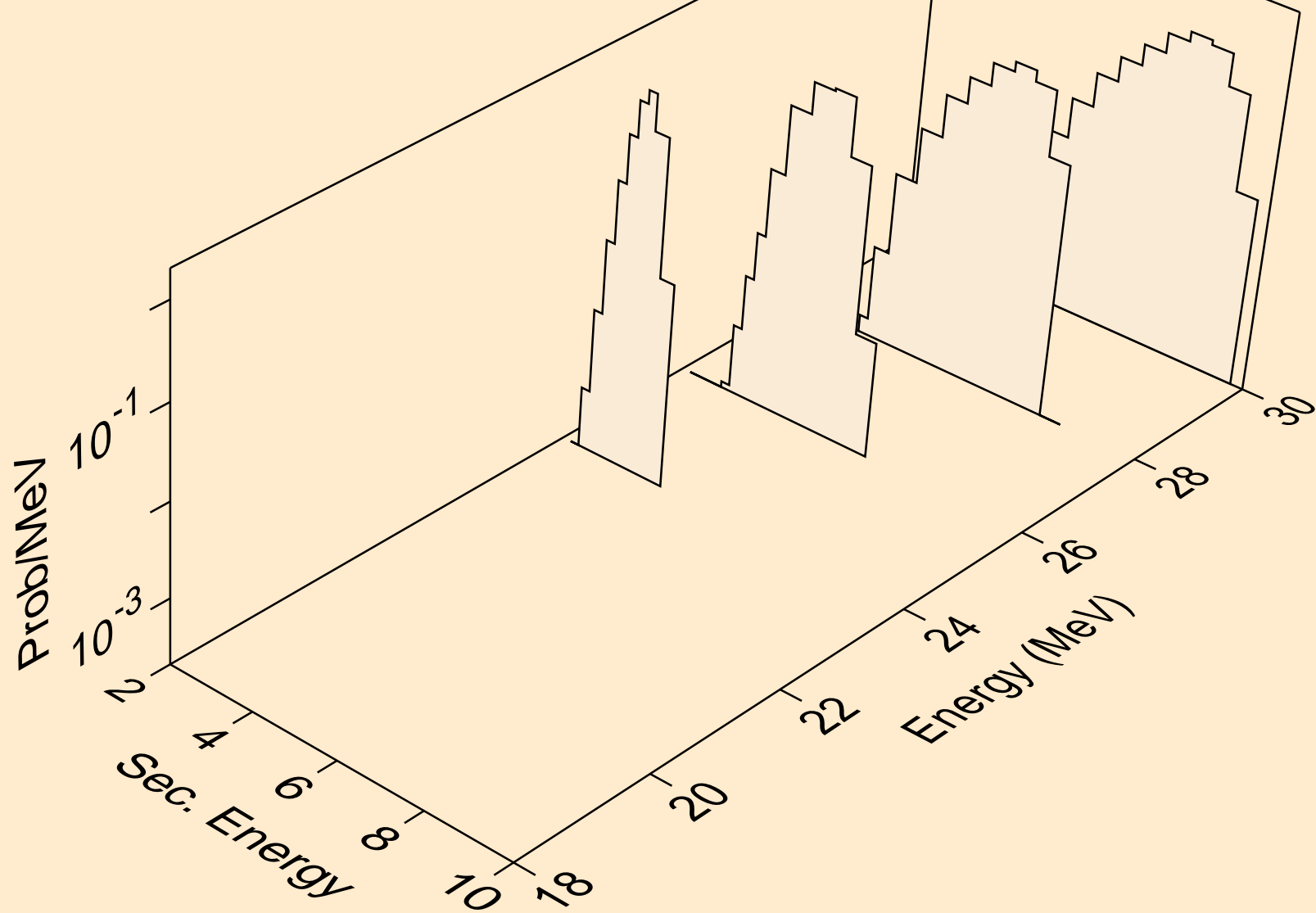
SE077 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,x)



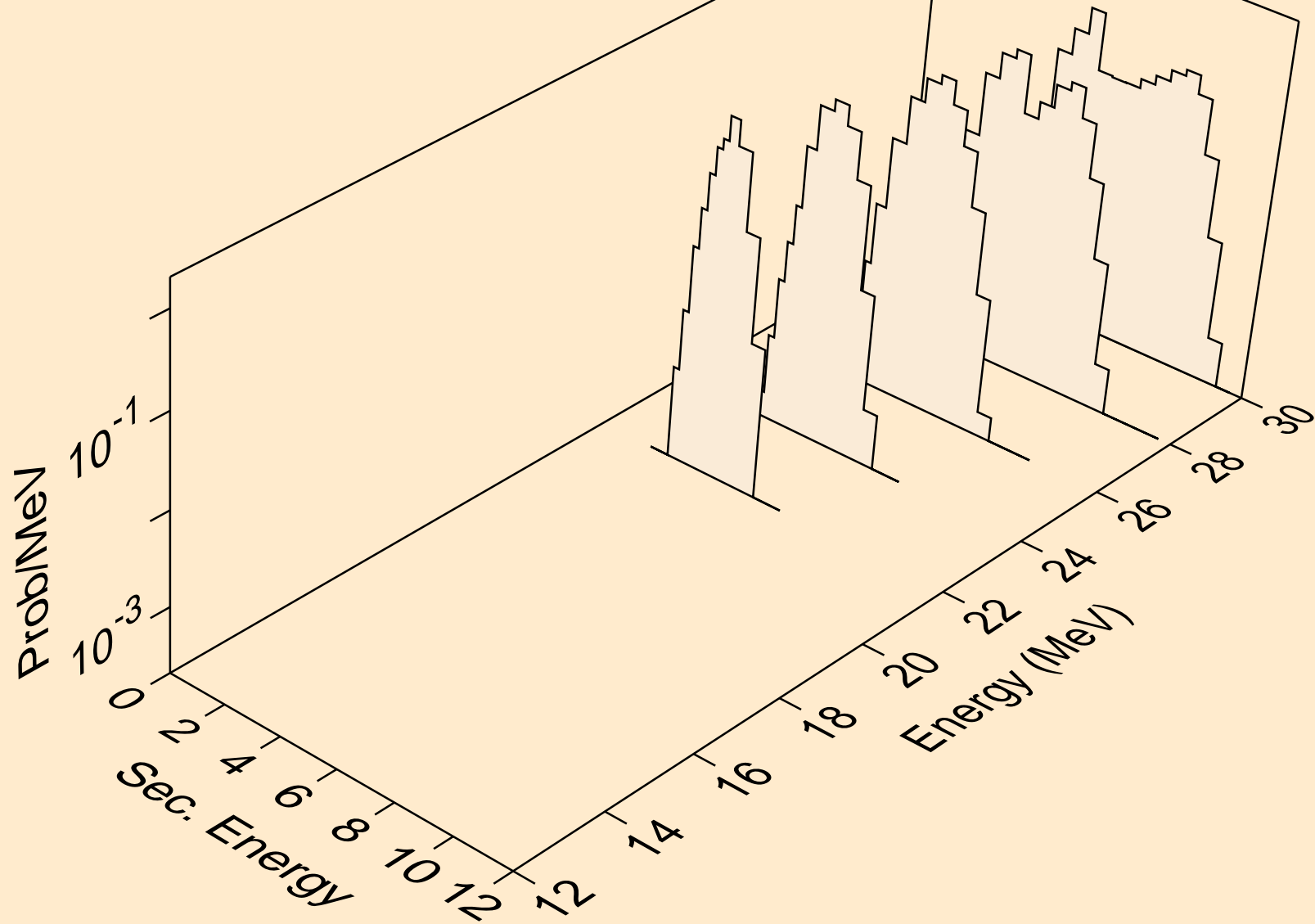
SE077 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



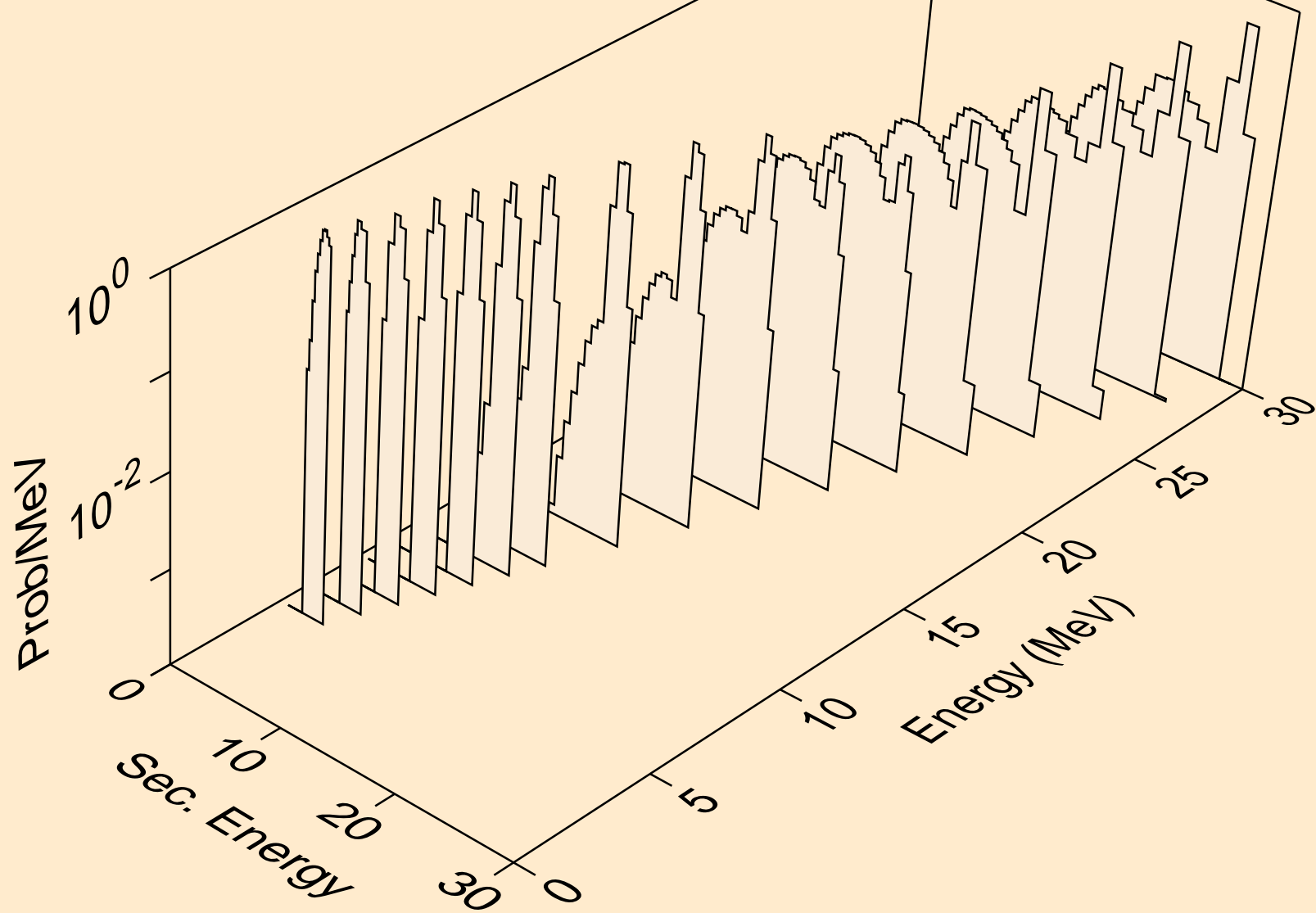
SE077 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



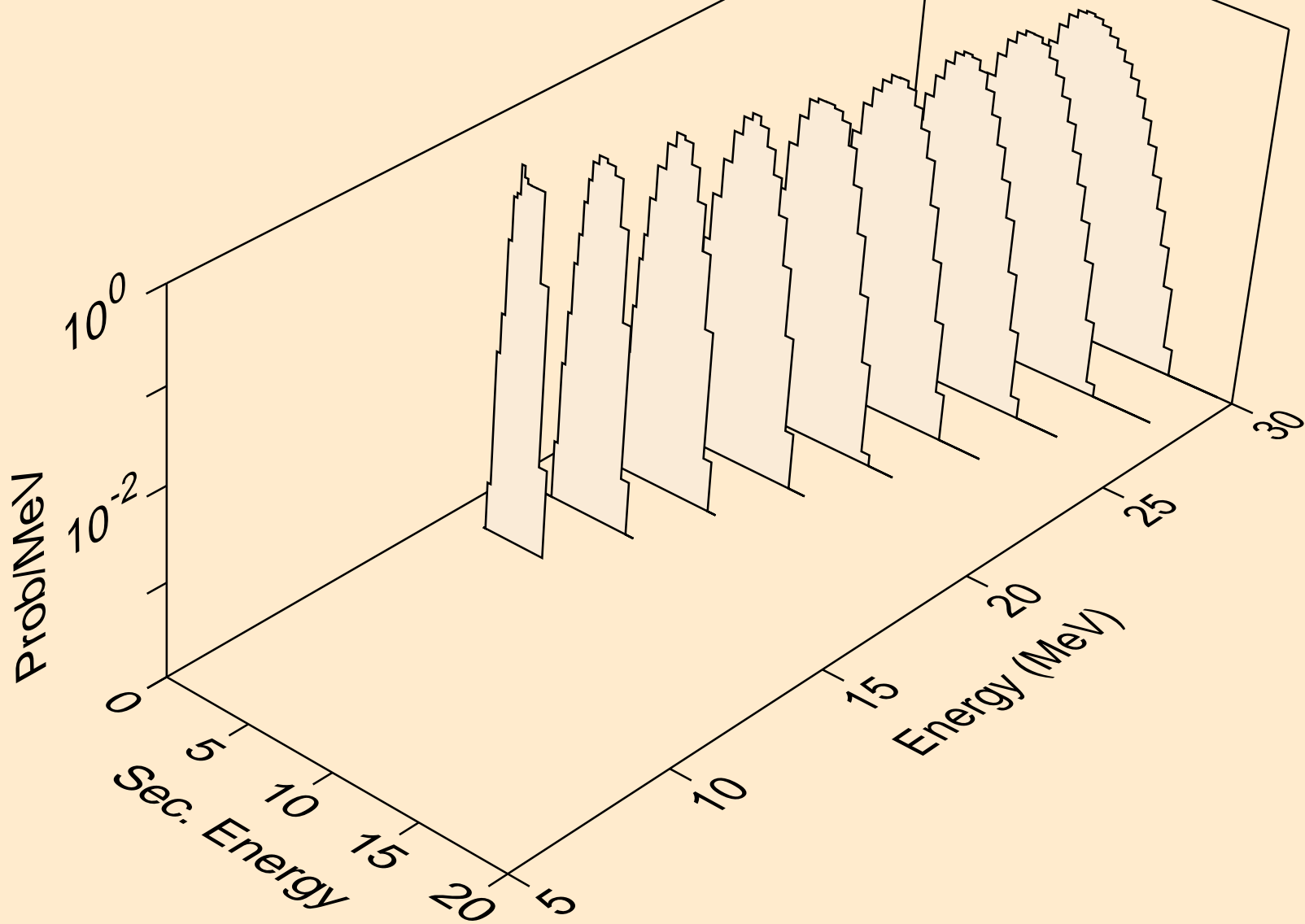
SE077 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,n\*)2a



SE077 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for inelastic

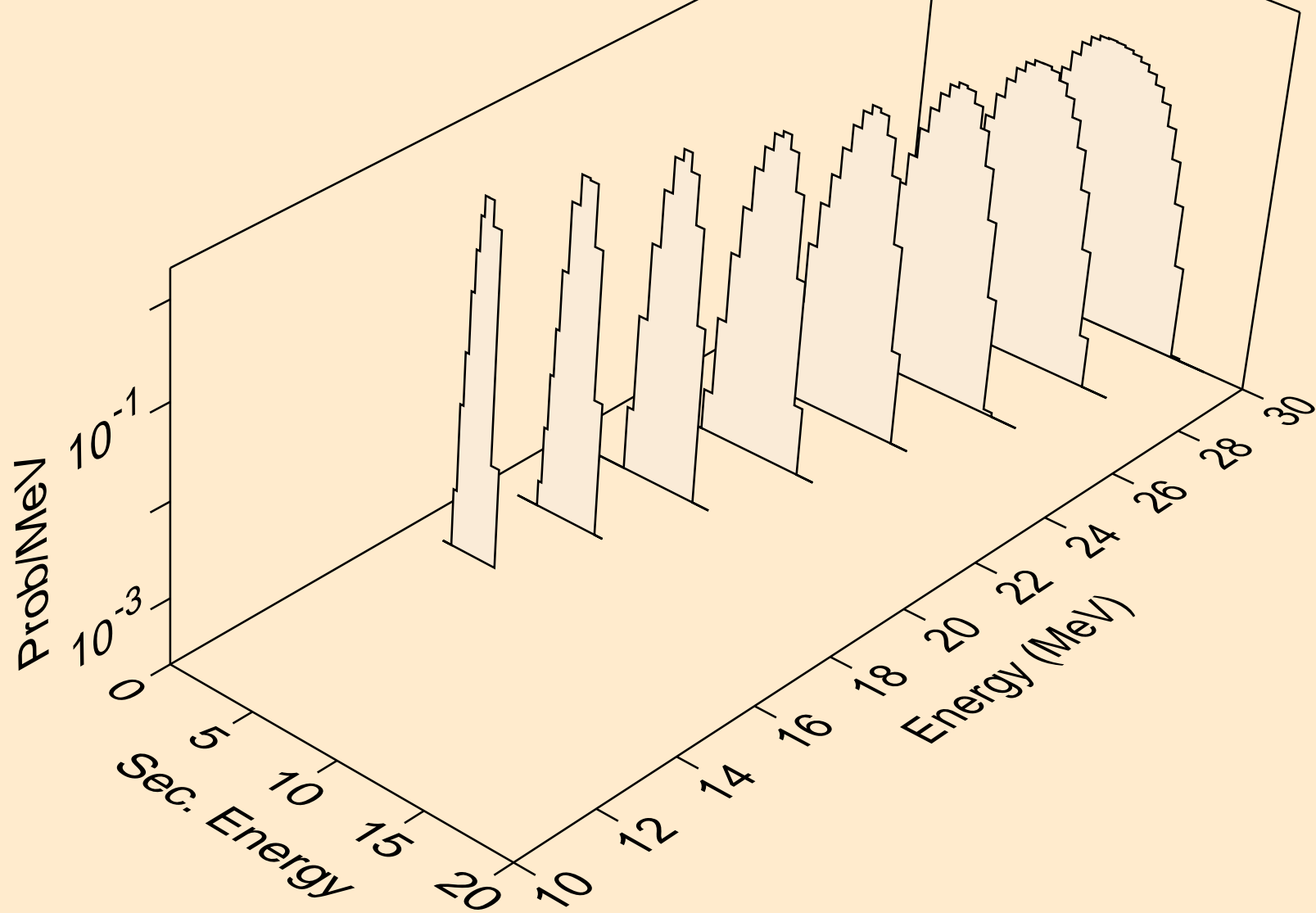


SE077 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,2a)

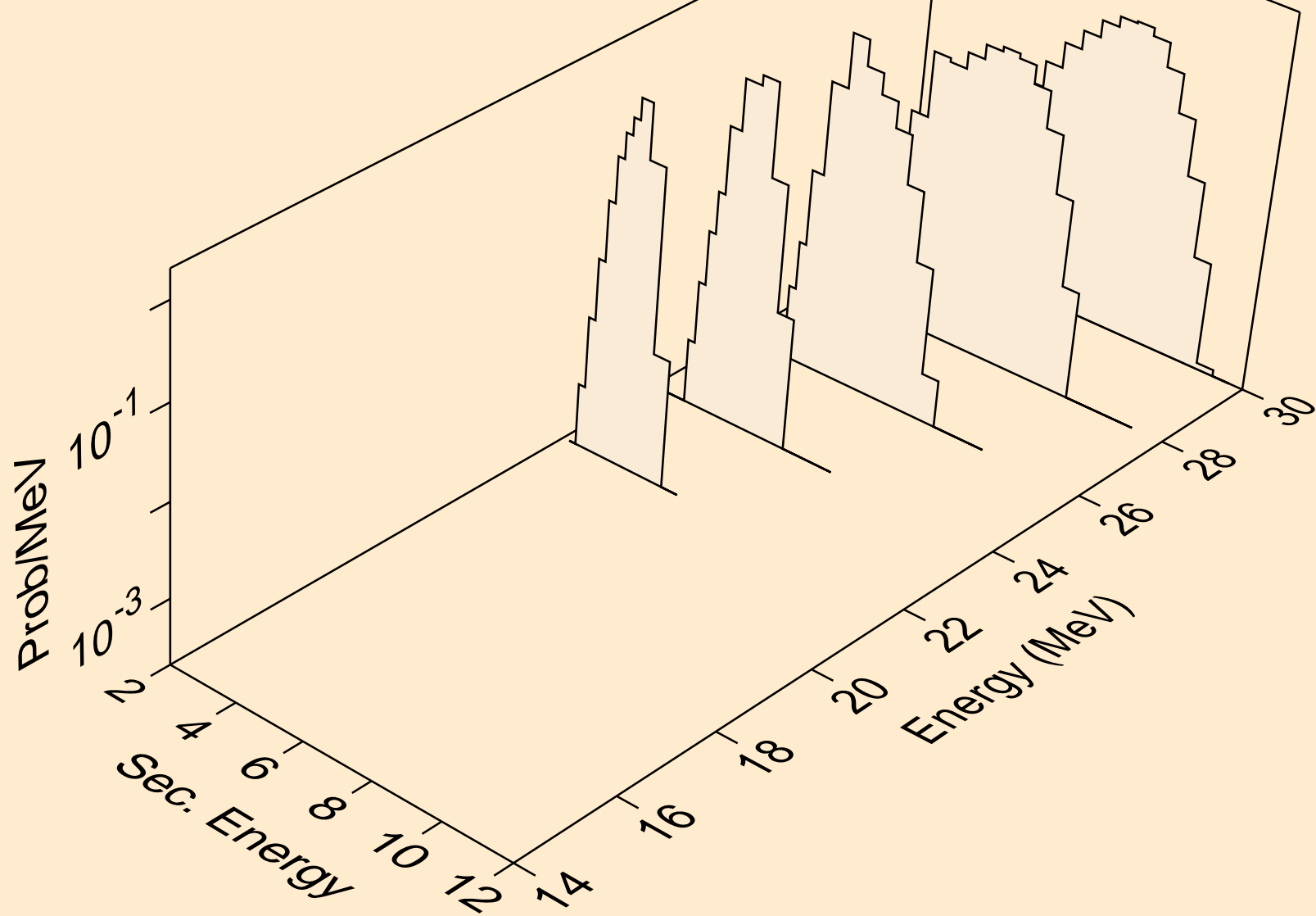




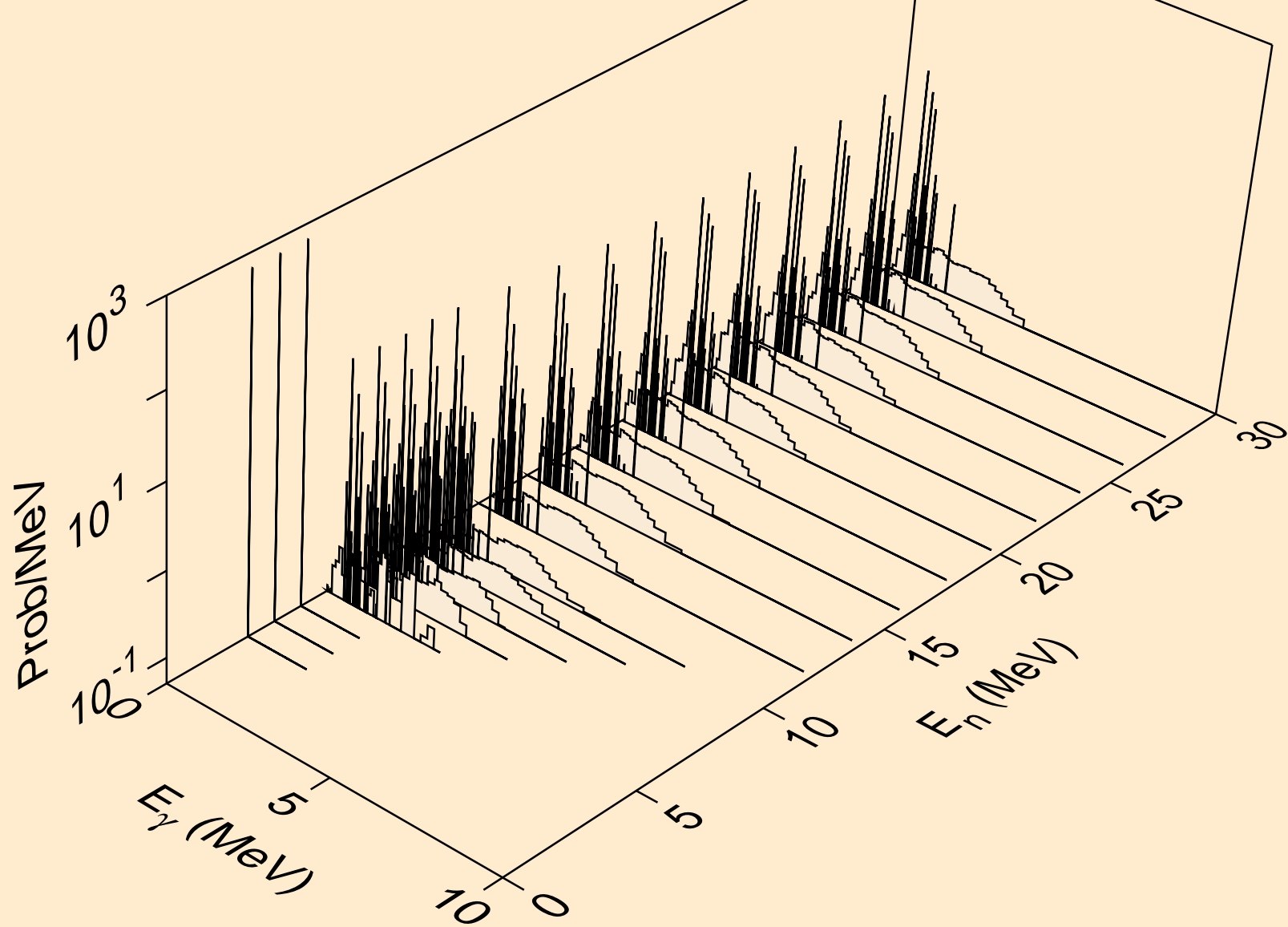
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Alpha emission for (a,pa)



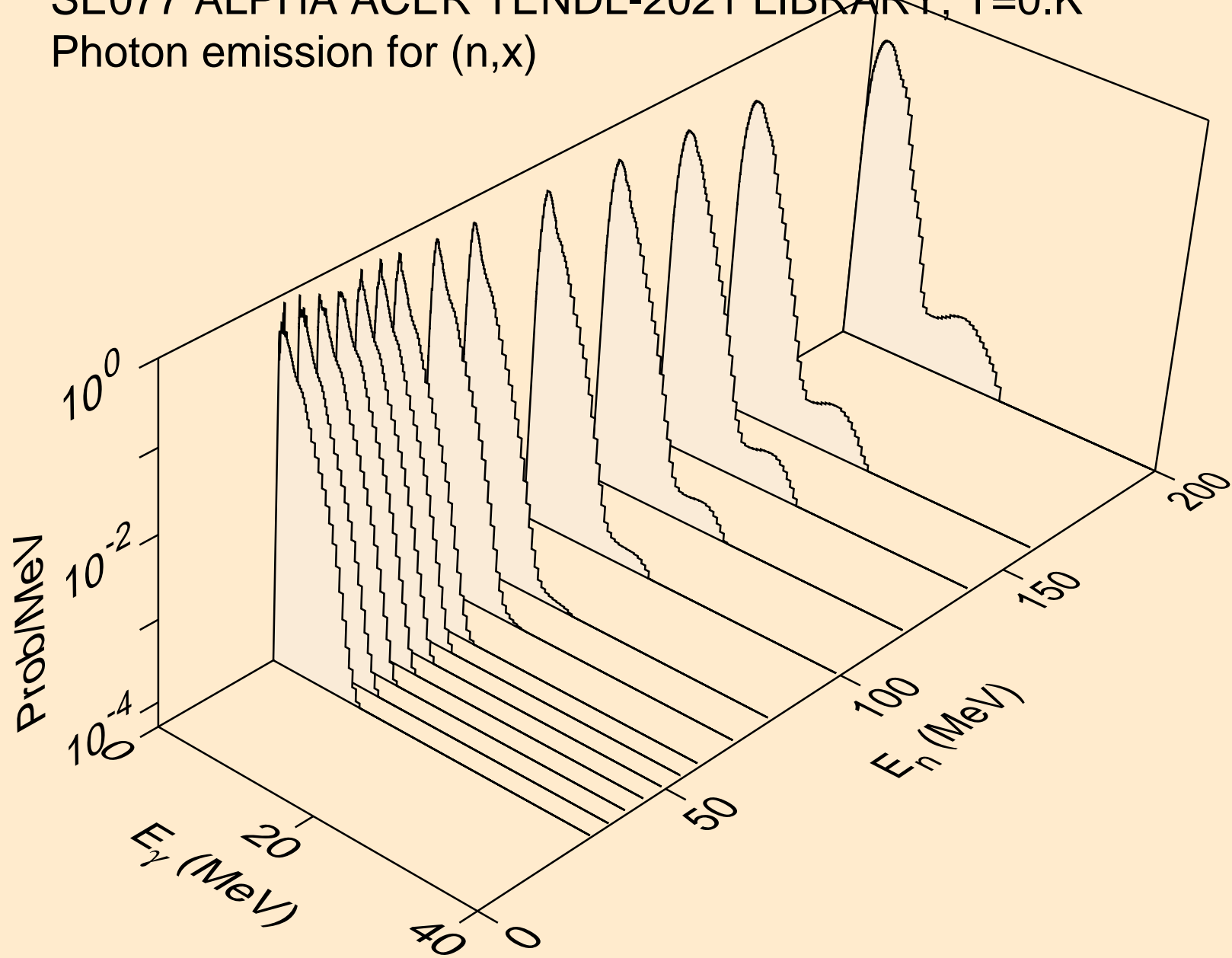
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Alpha emission for (a,da)



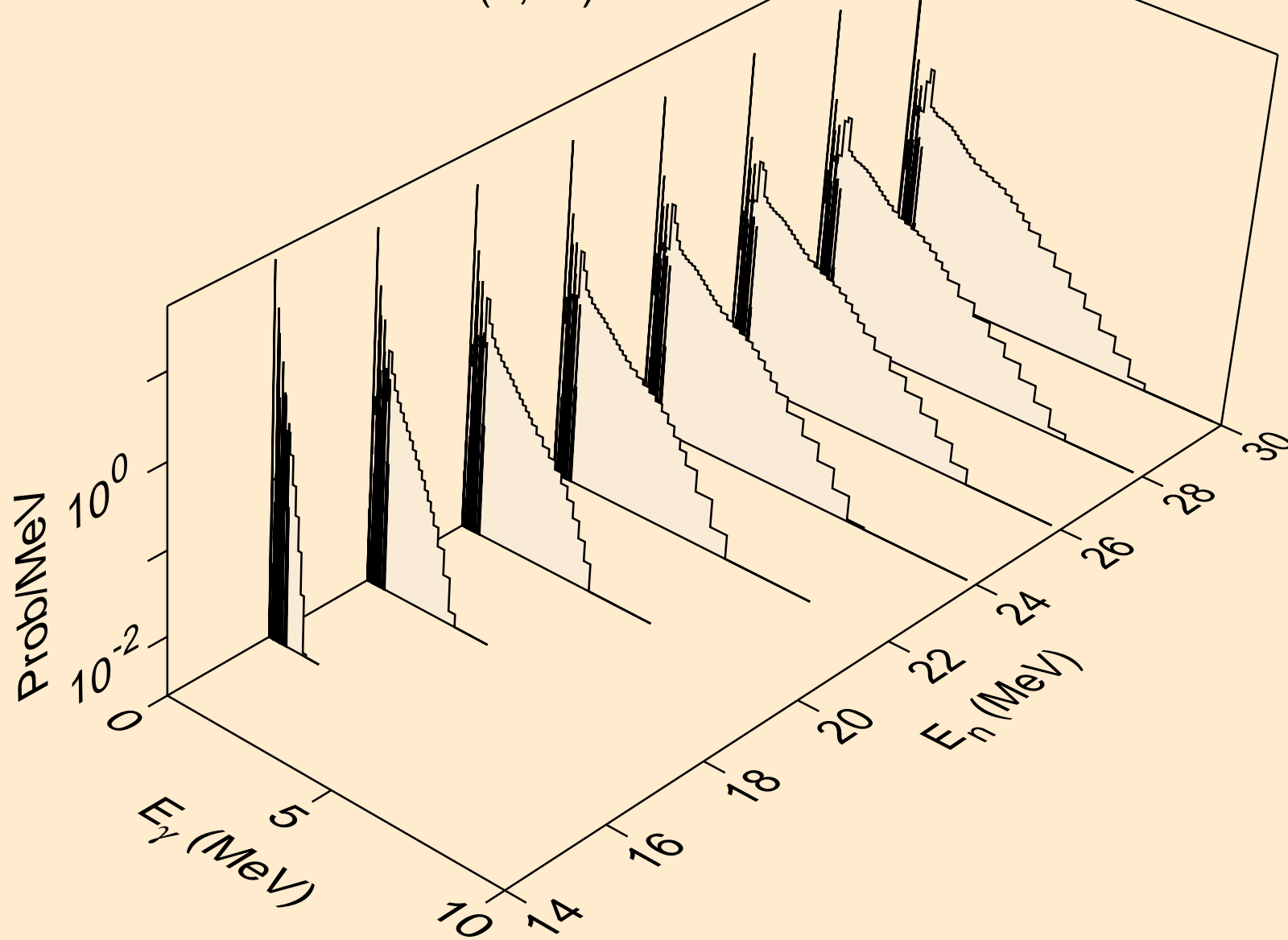
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Photon emission for (z,n)



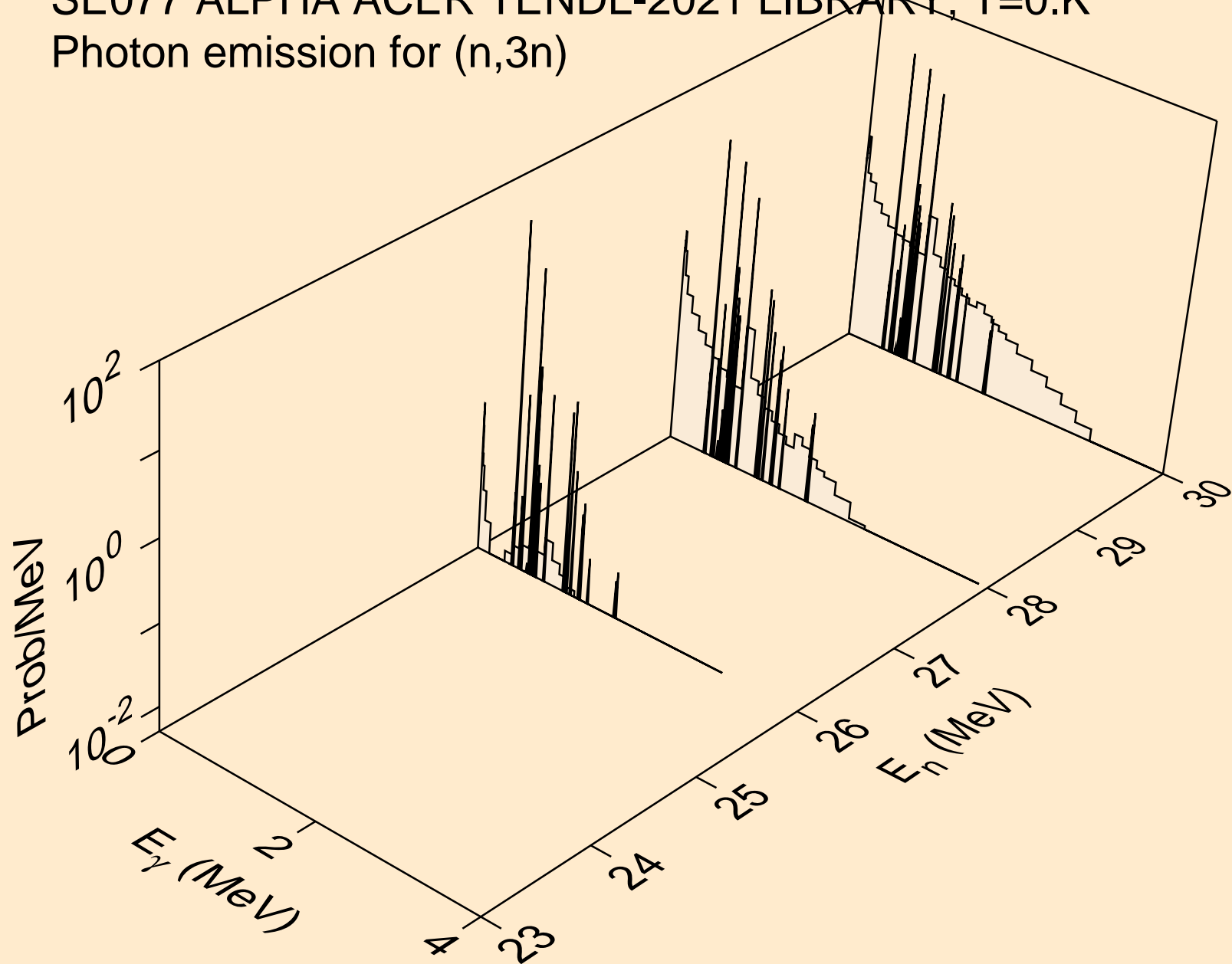
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Photon emission for (n,x)



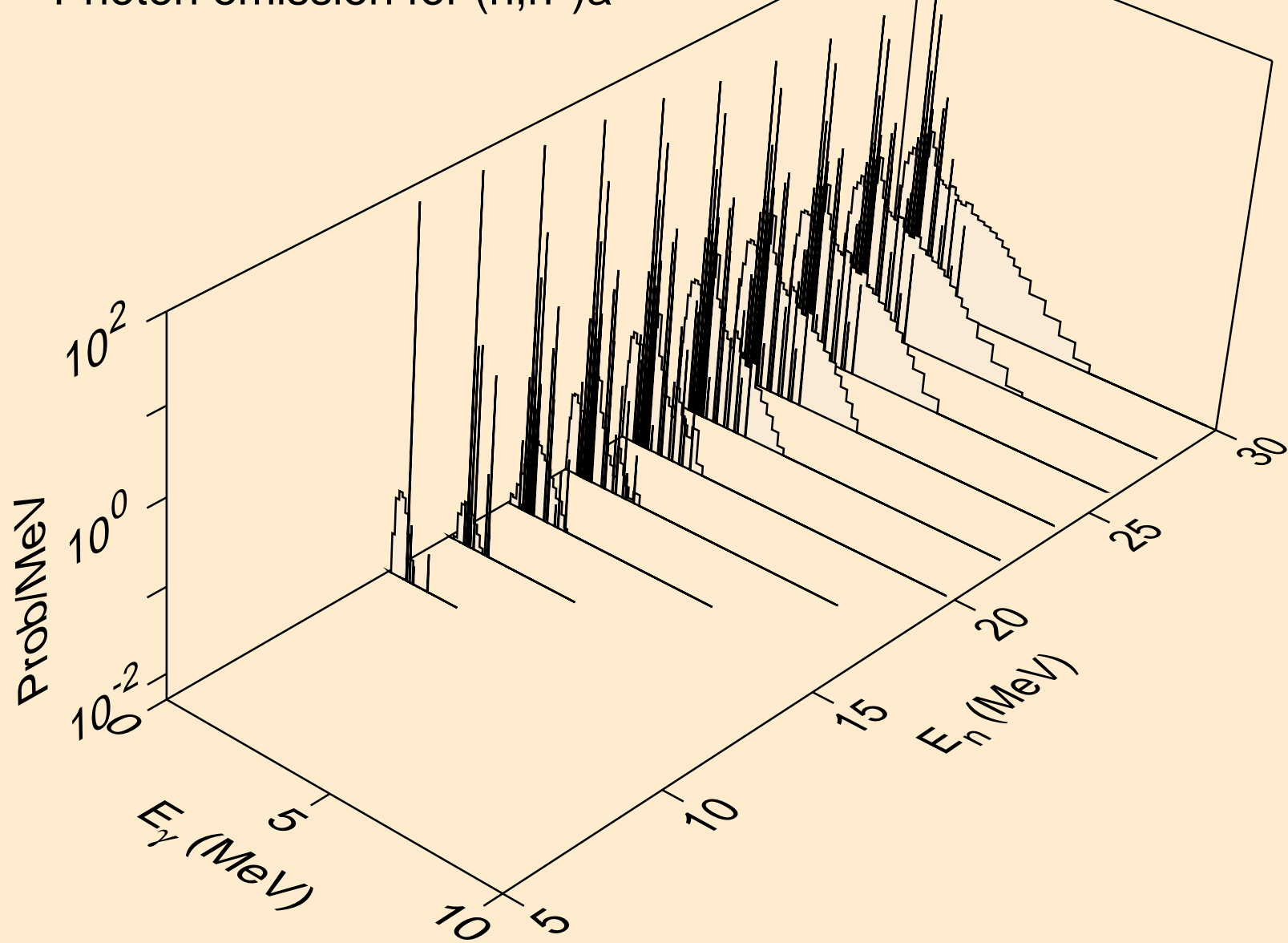
SE077 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



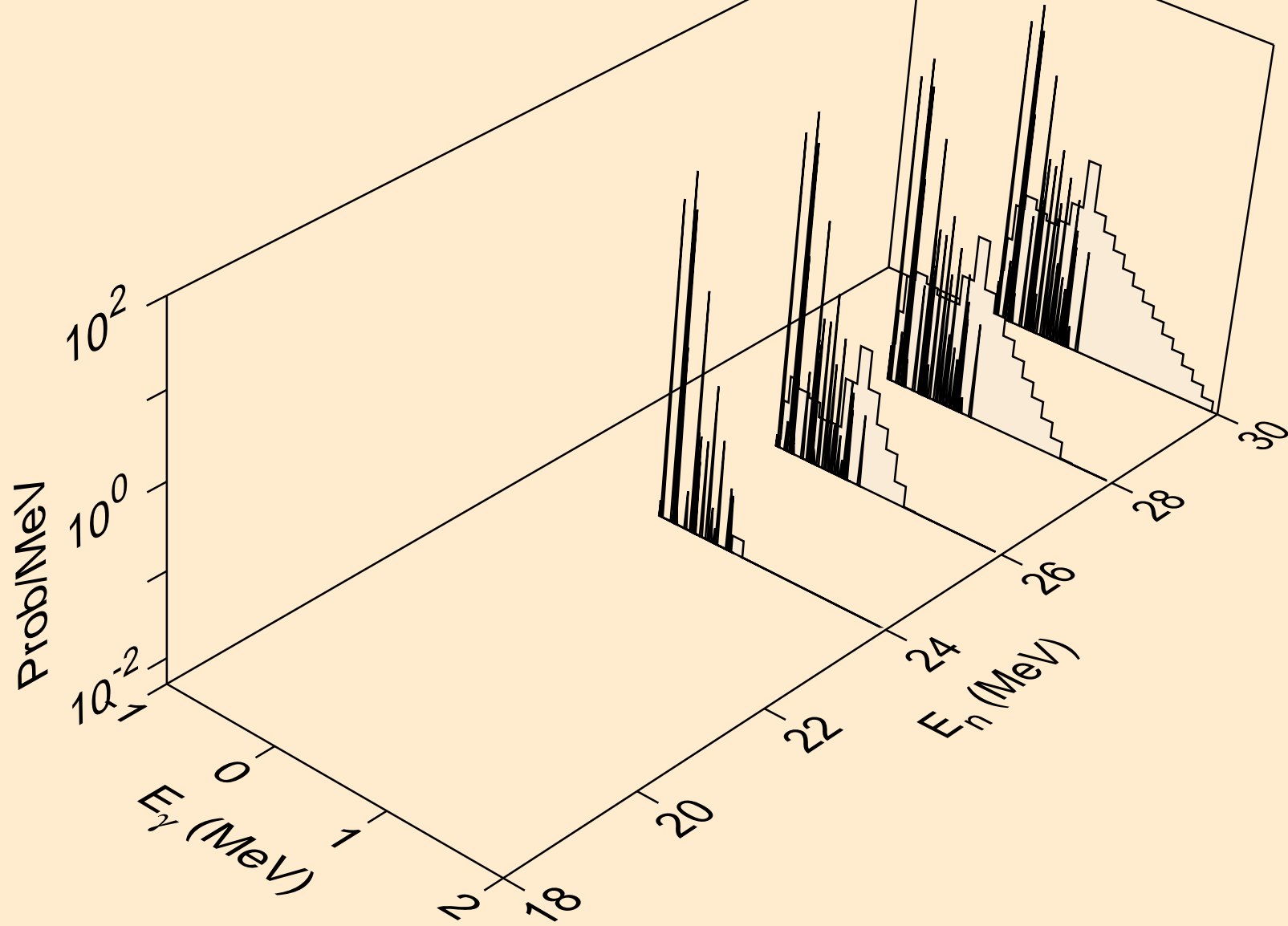
SE077 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



SE077 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

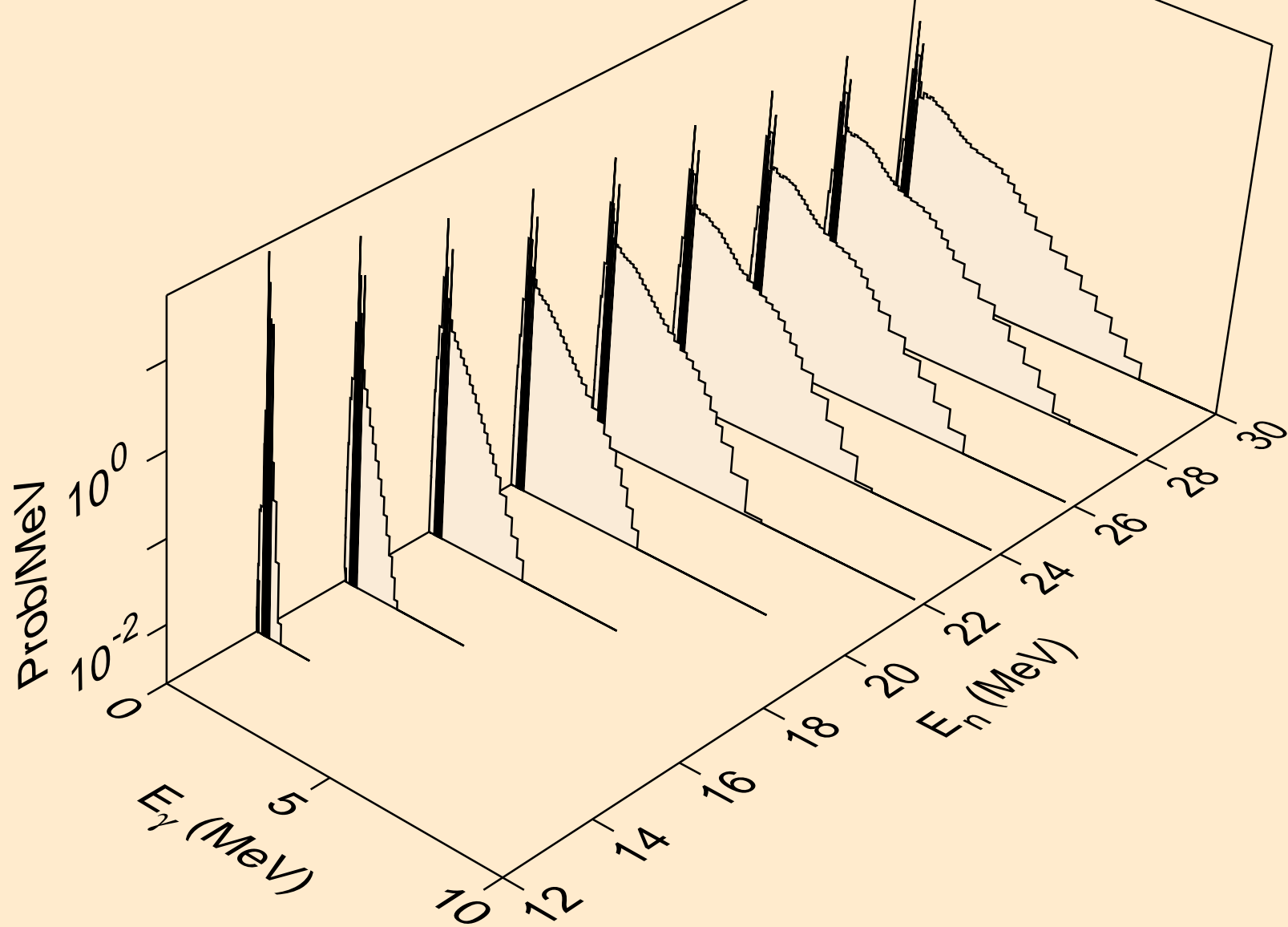


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Photon emission for (n,2n)a

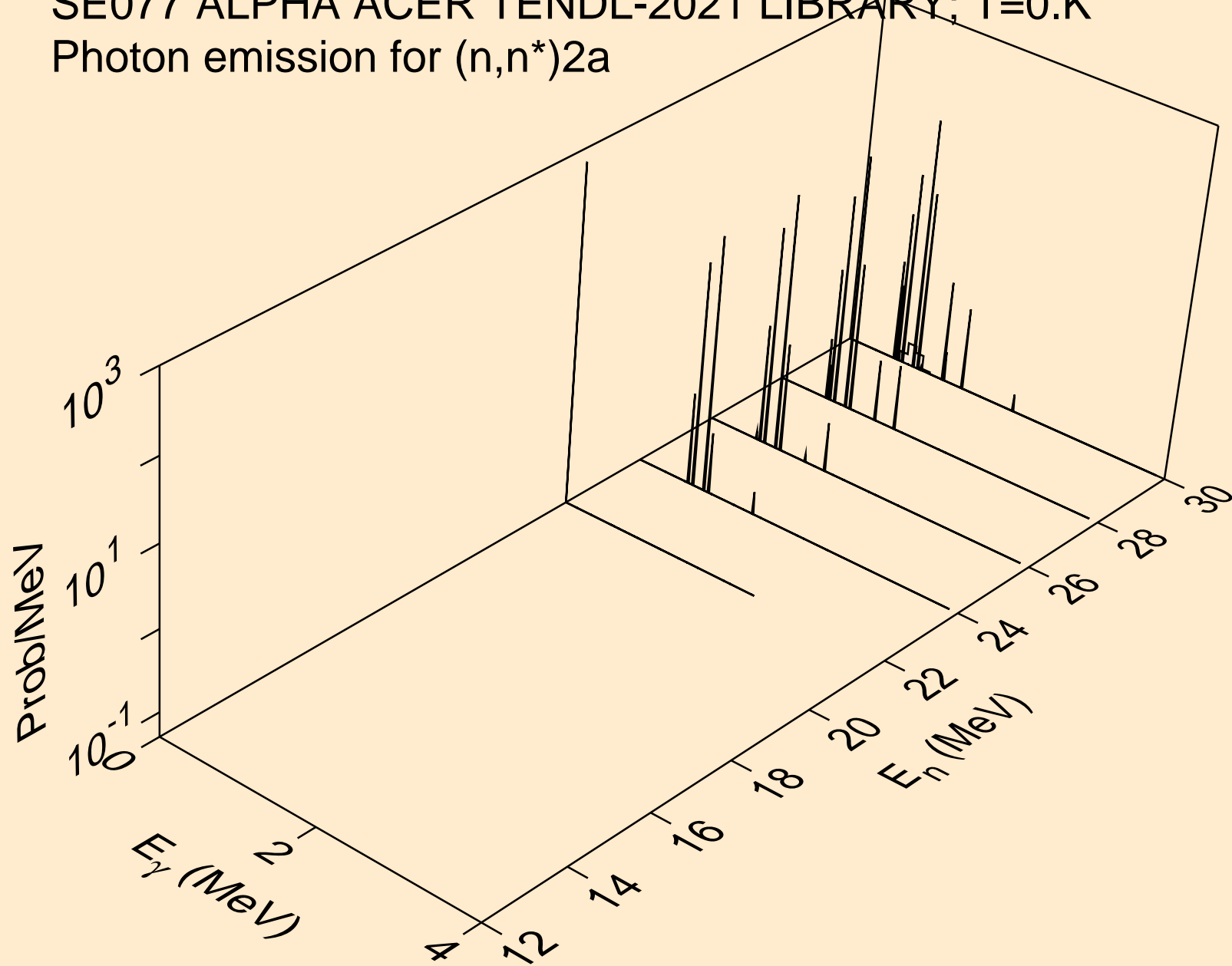




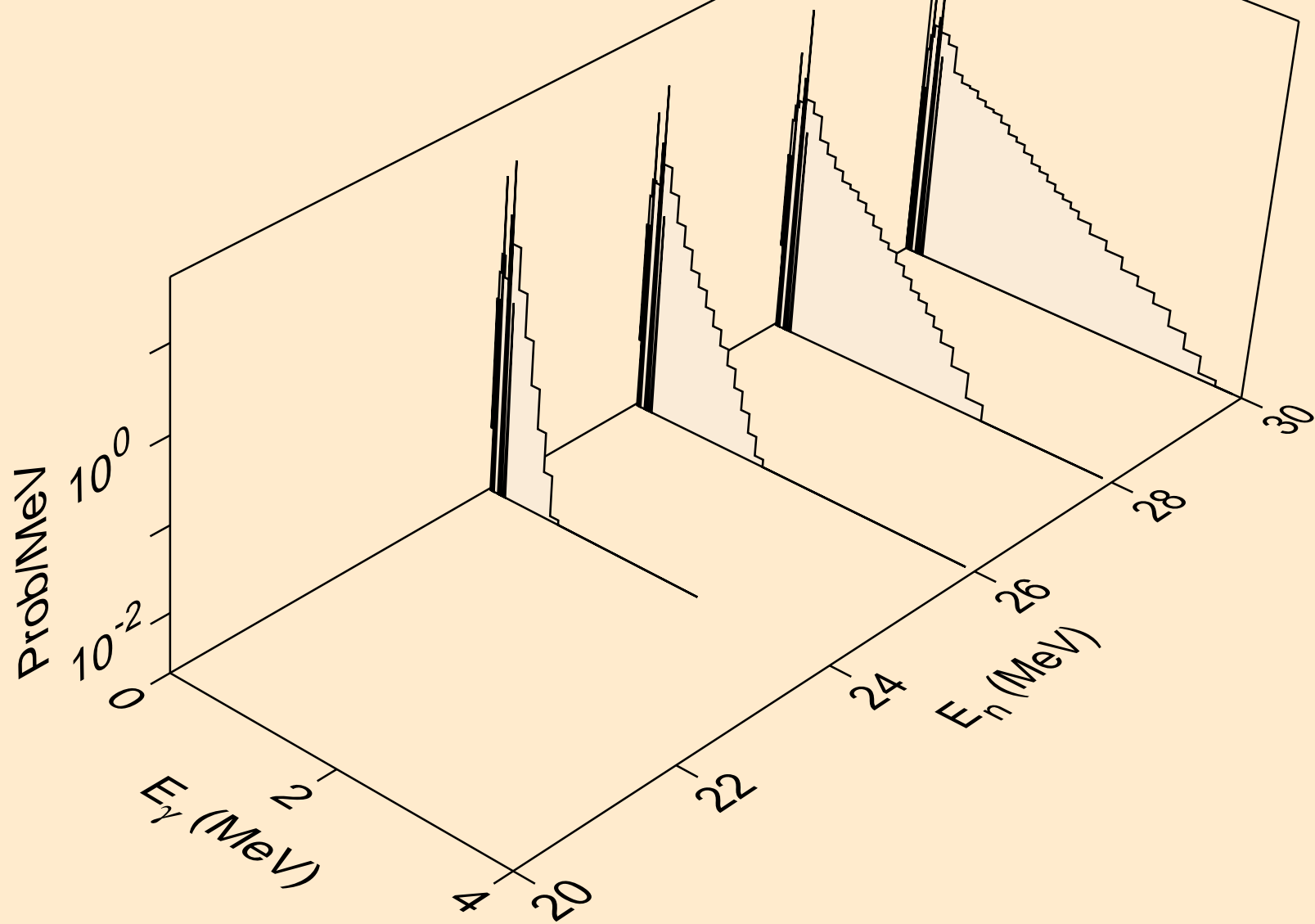
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Photon emission for (n,n\*)p



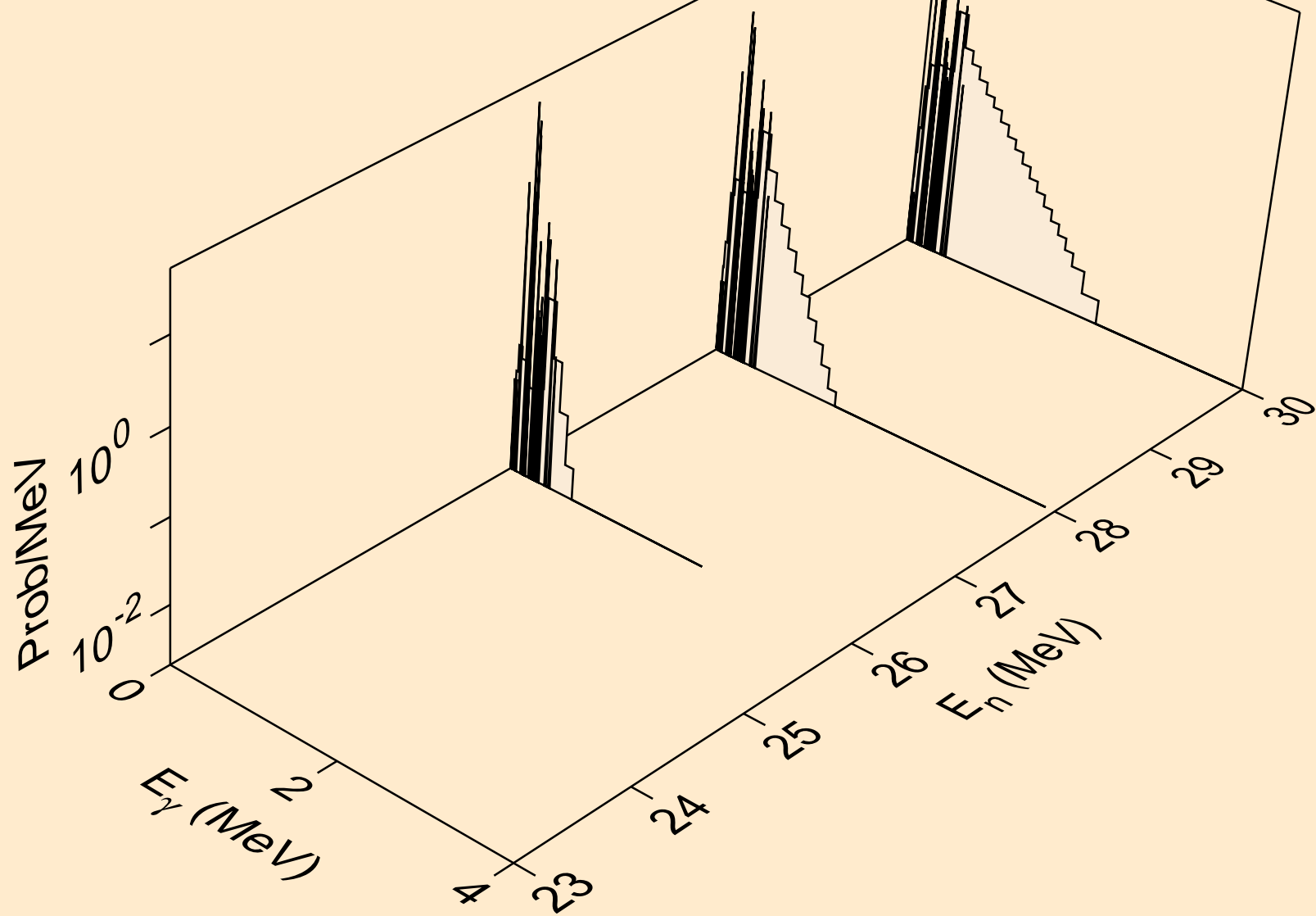
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Photon emission for (n,n\*)2a



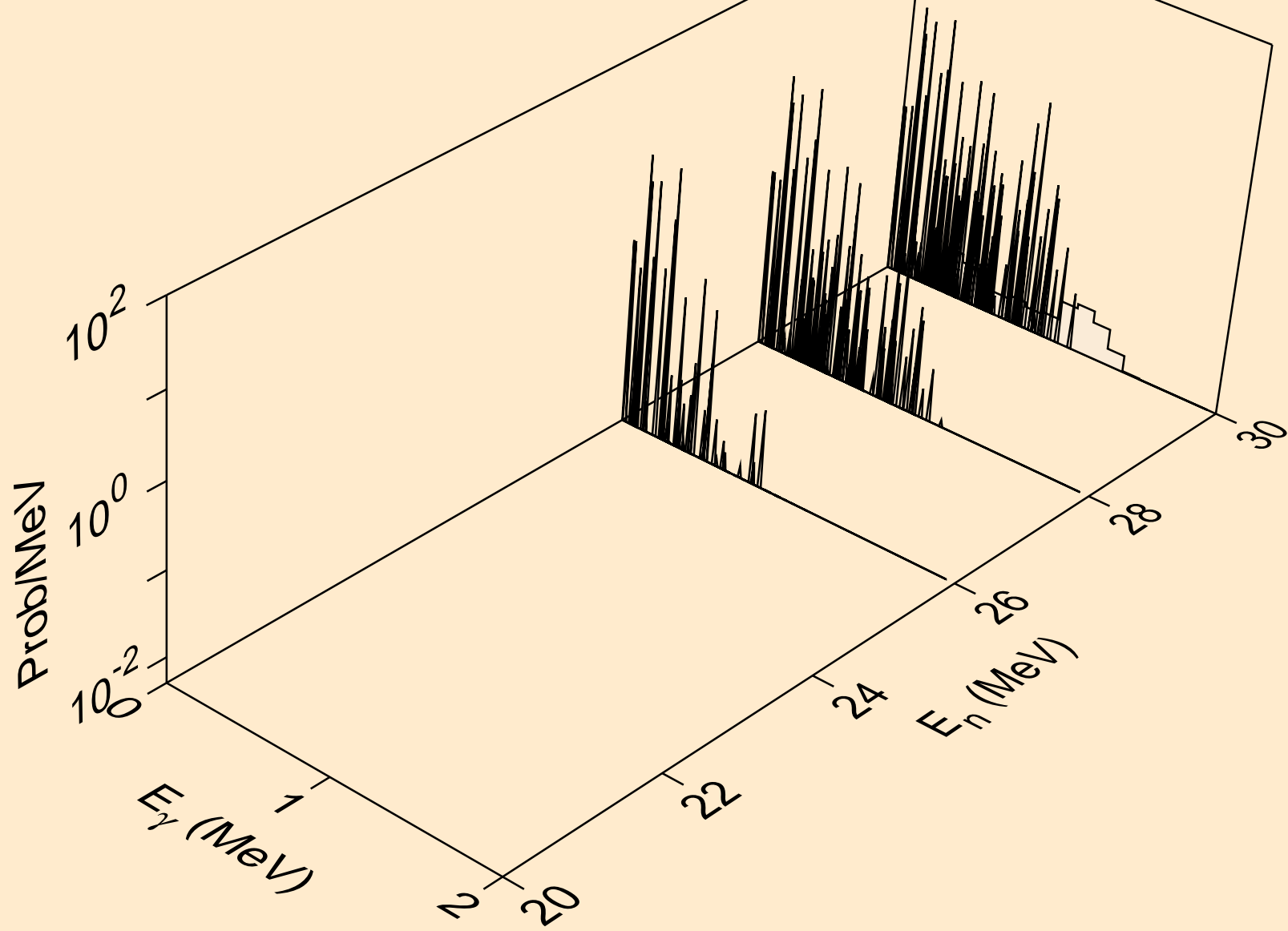
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Photon emission for (n,n\*)d



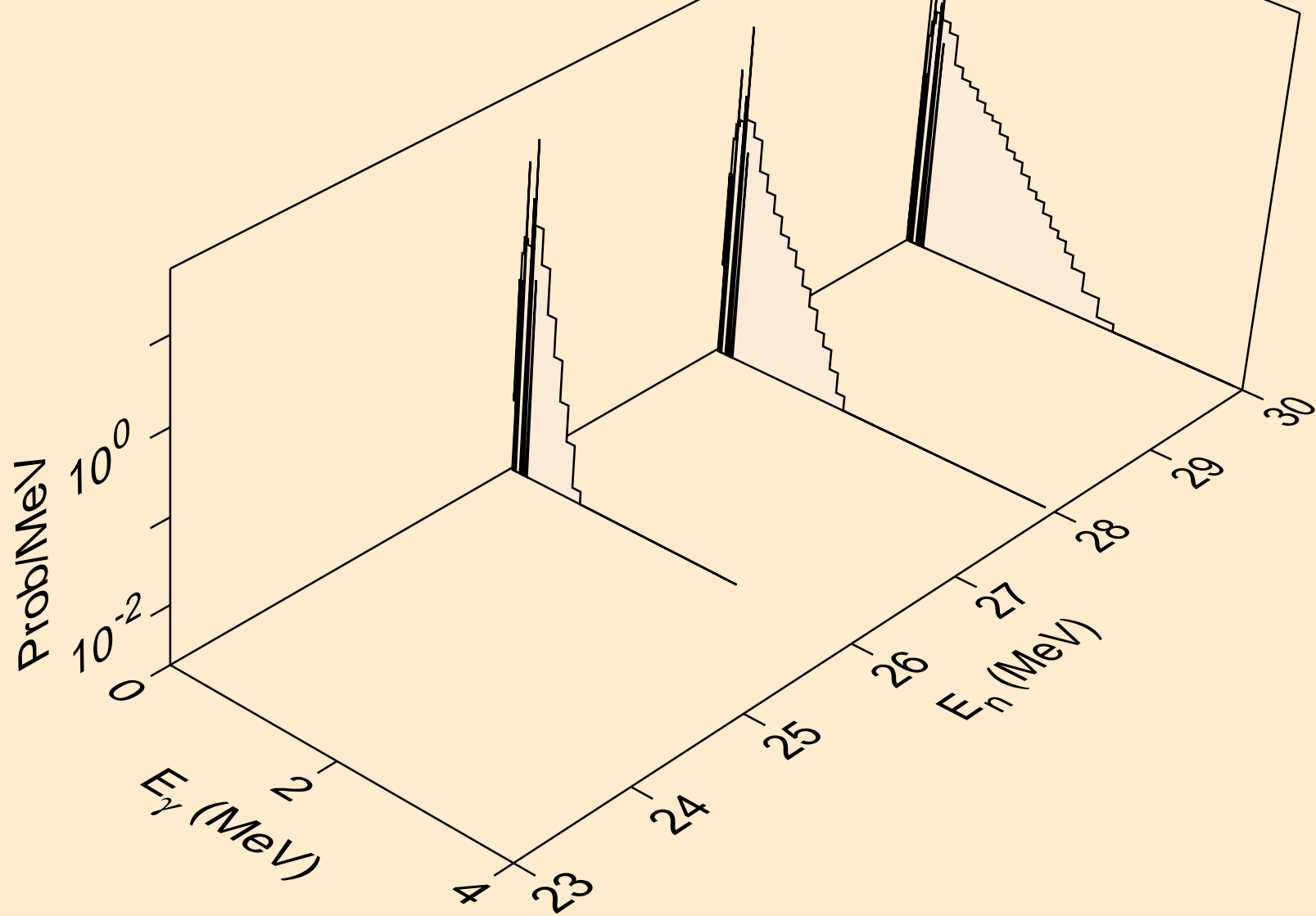
SE077 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



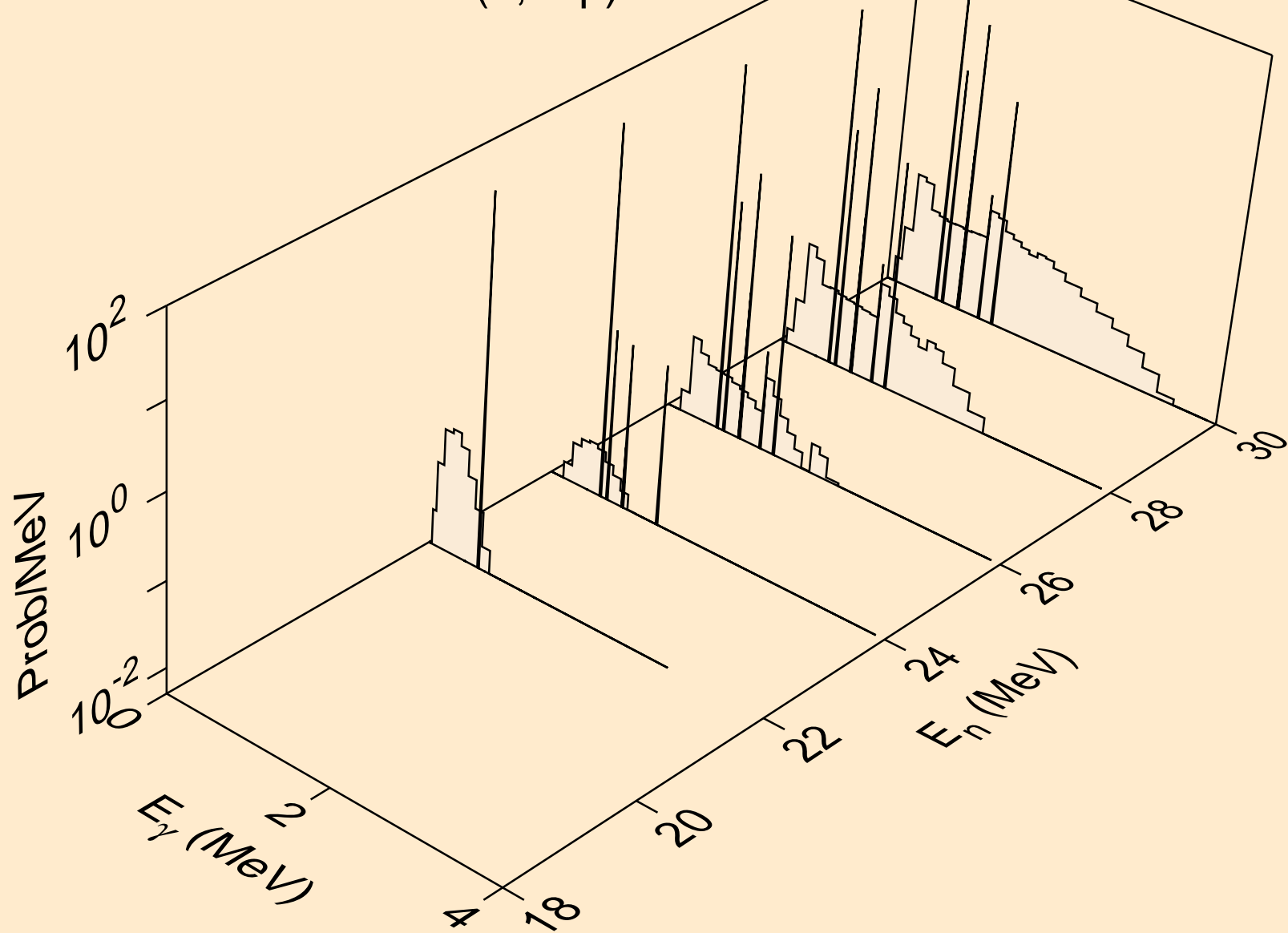
SE077 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



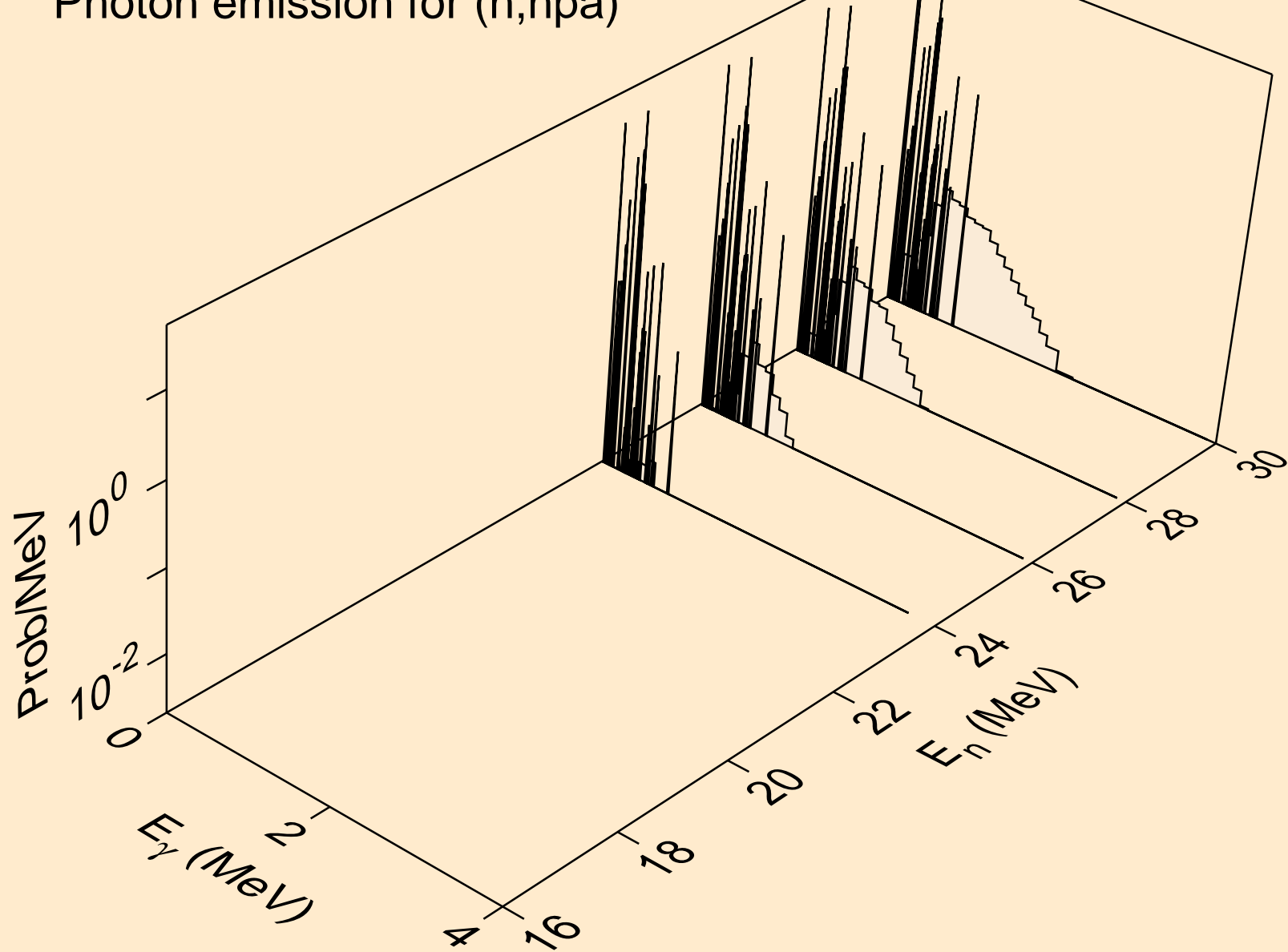
SE077 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



SE077 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)

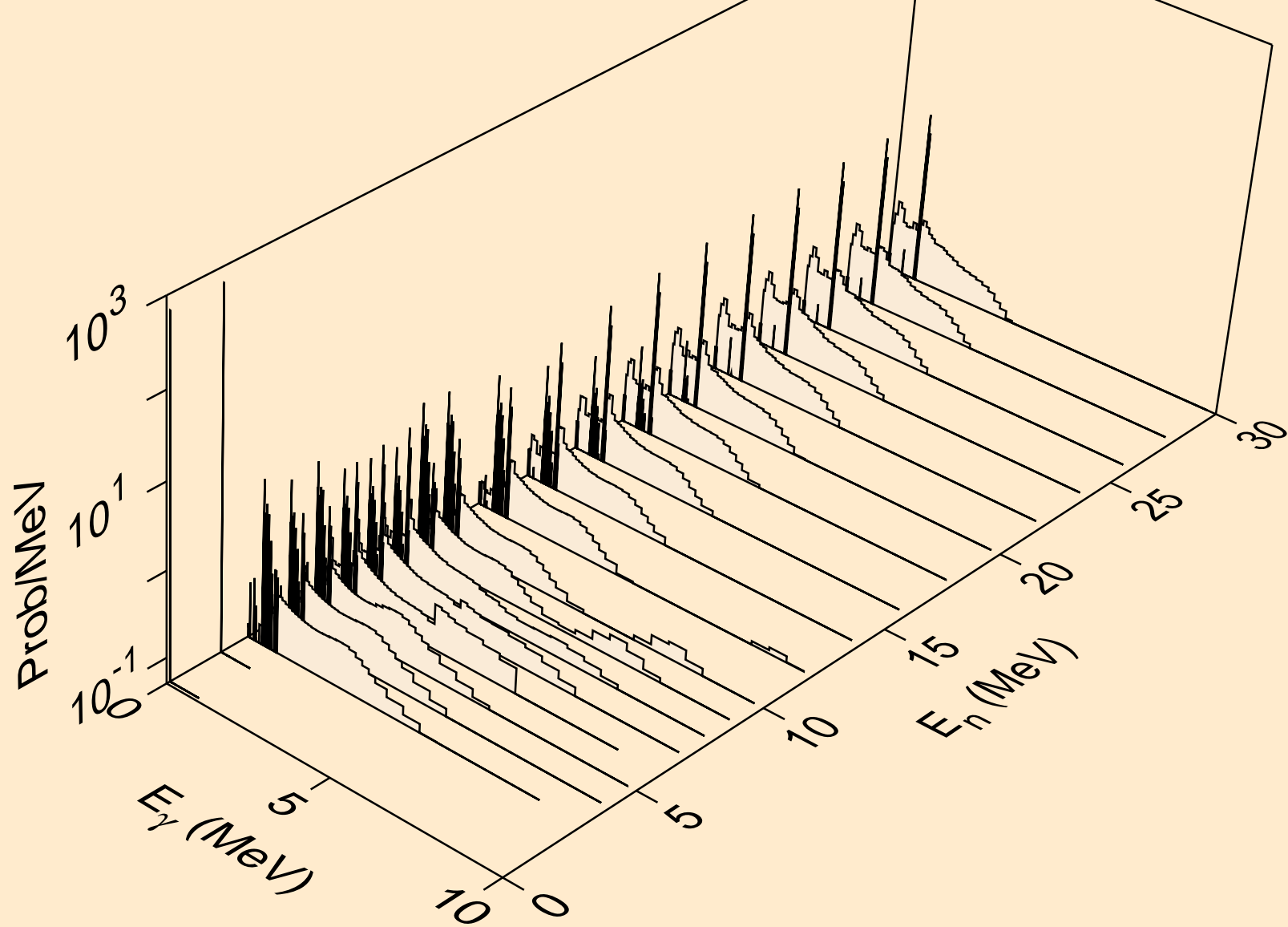


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Photon emission for (n,npa)

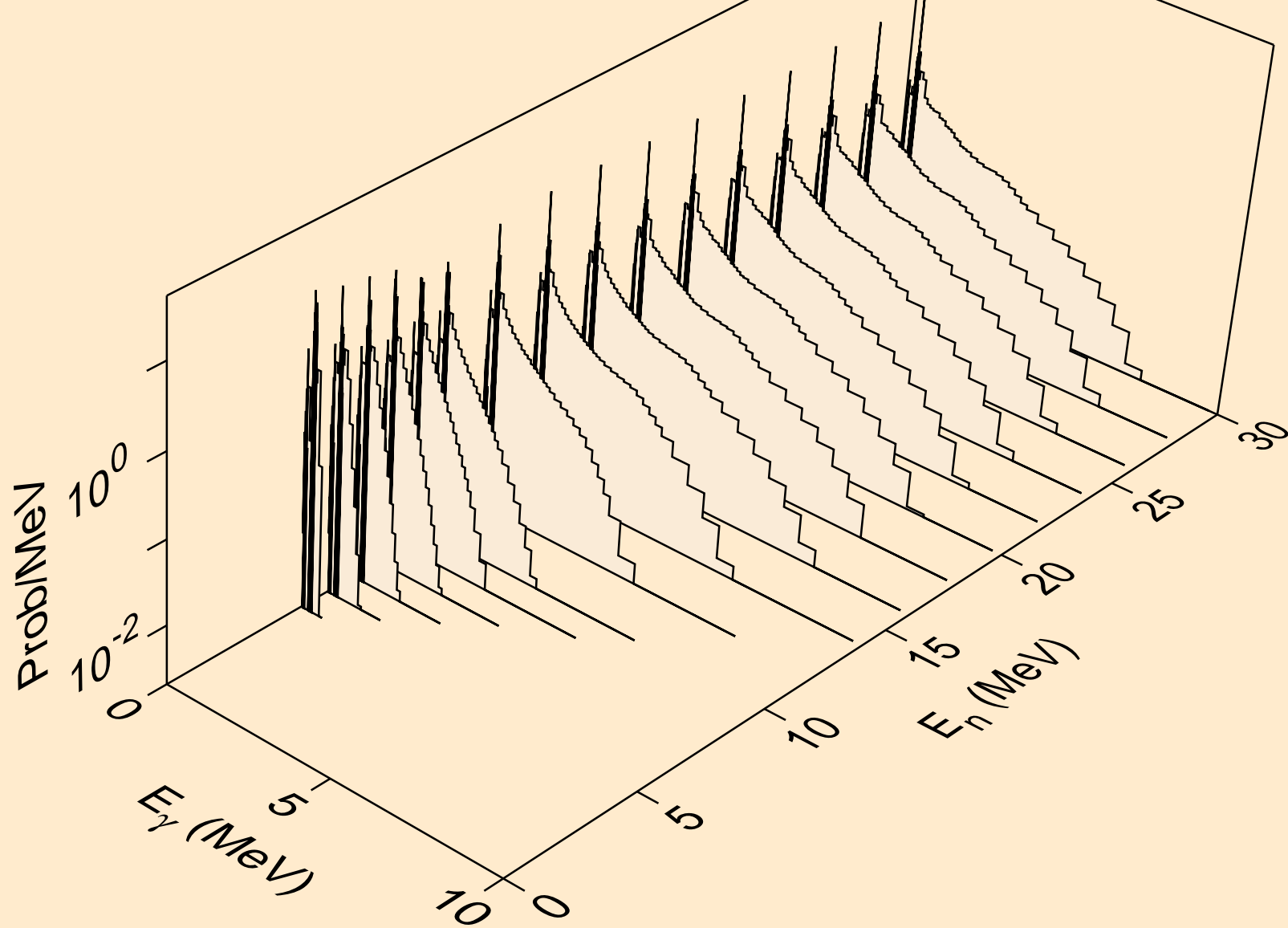




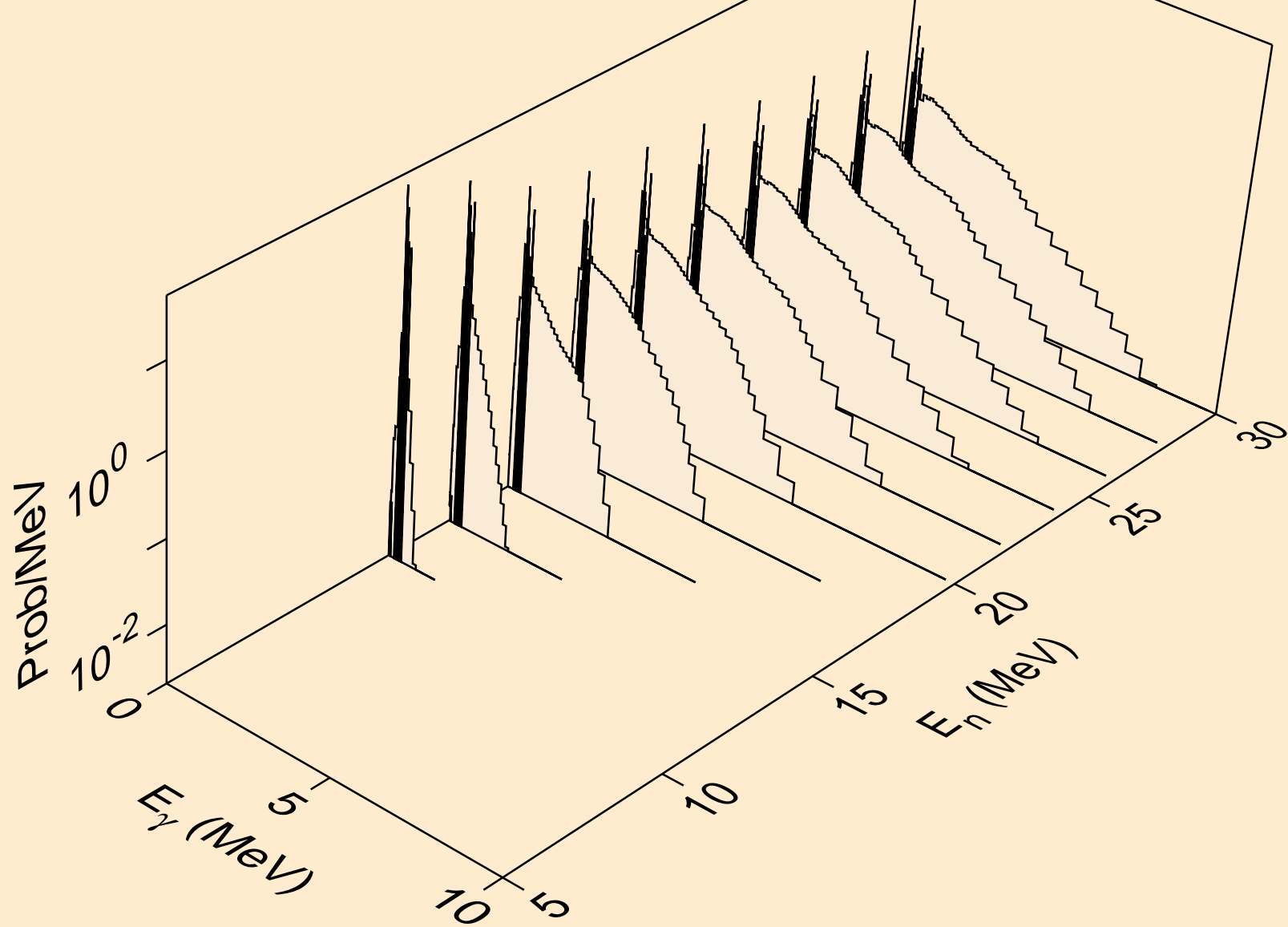
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Photon emission for (n,gma)



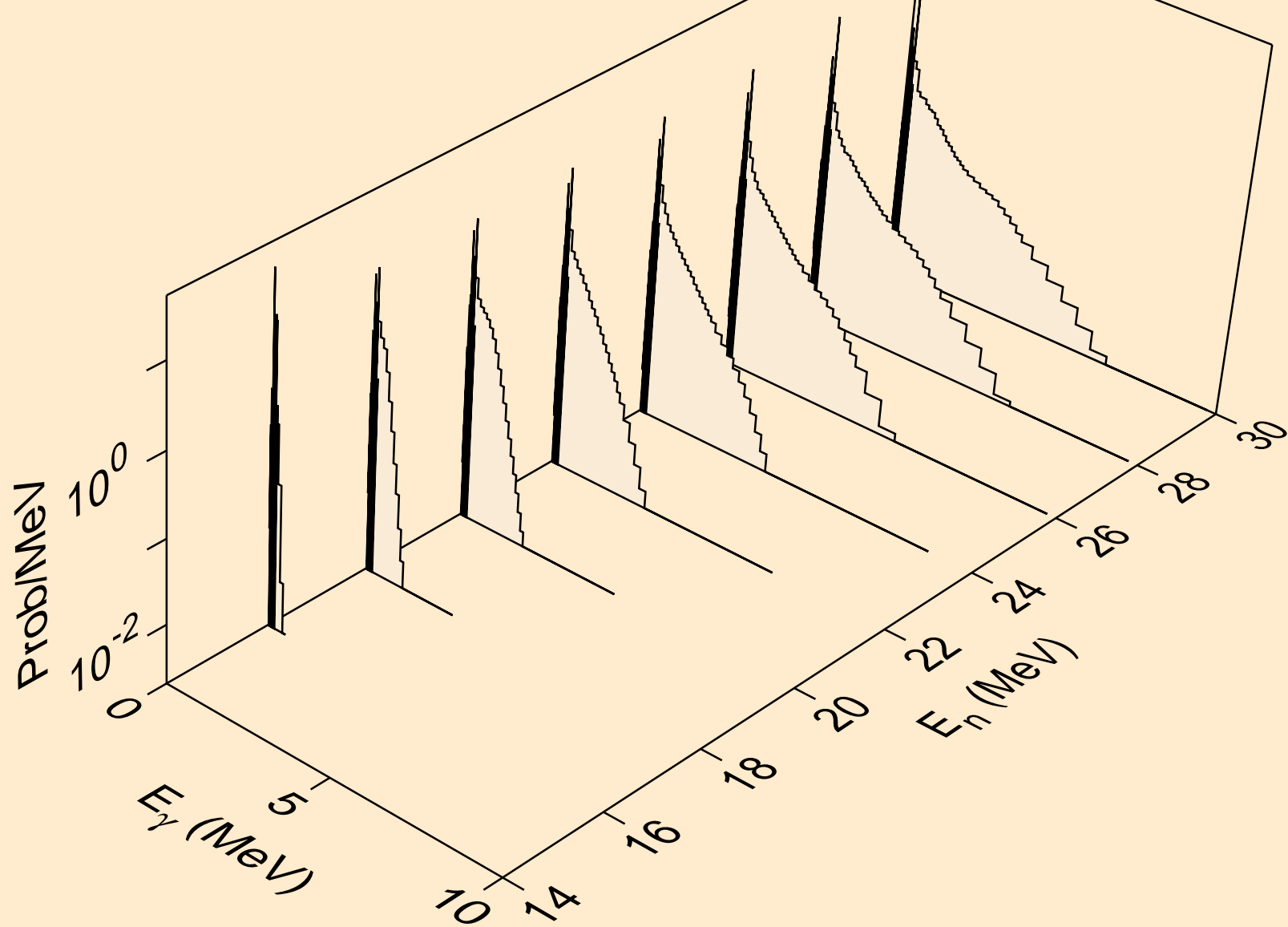
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Photon emission for (n,p)



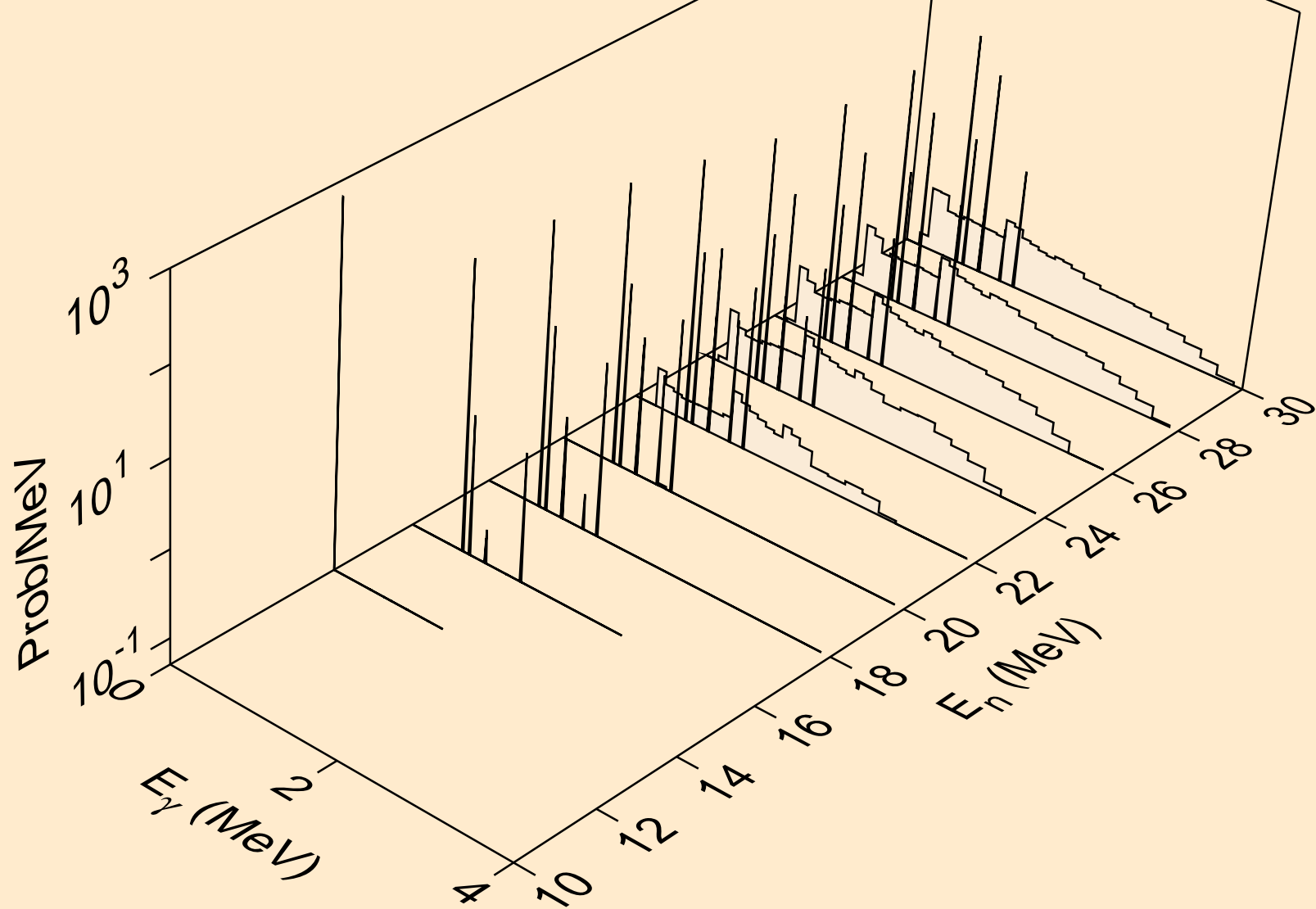
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Photon emission for (n,d)



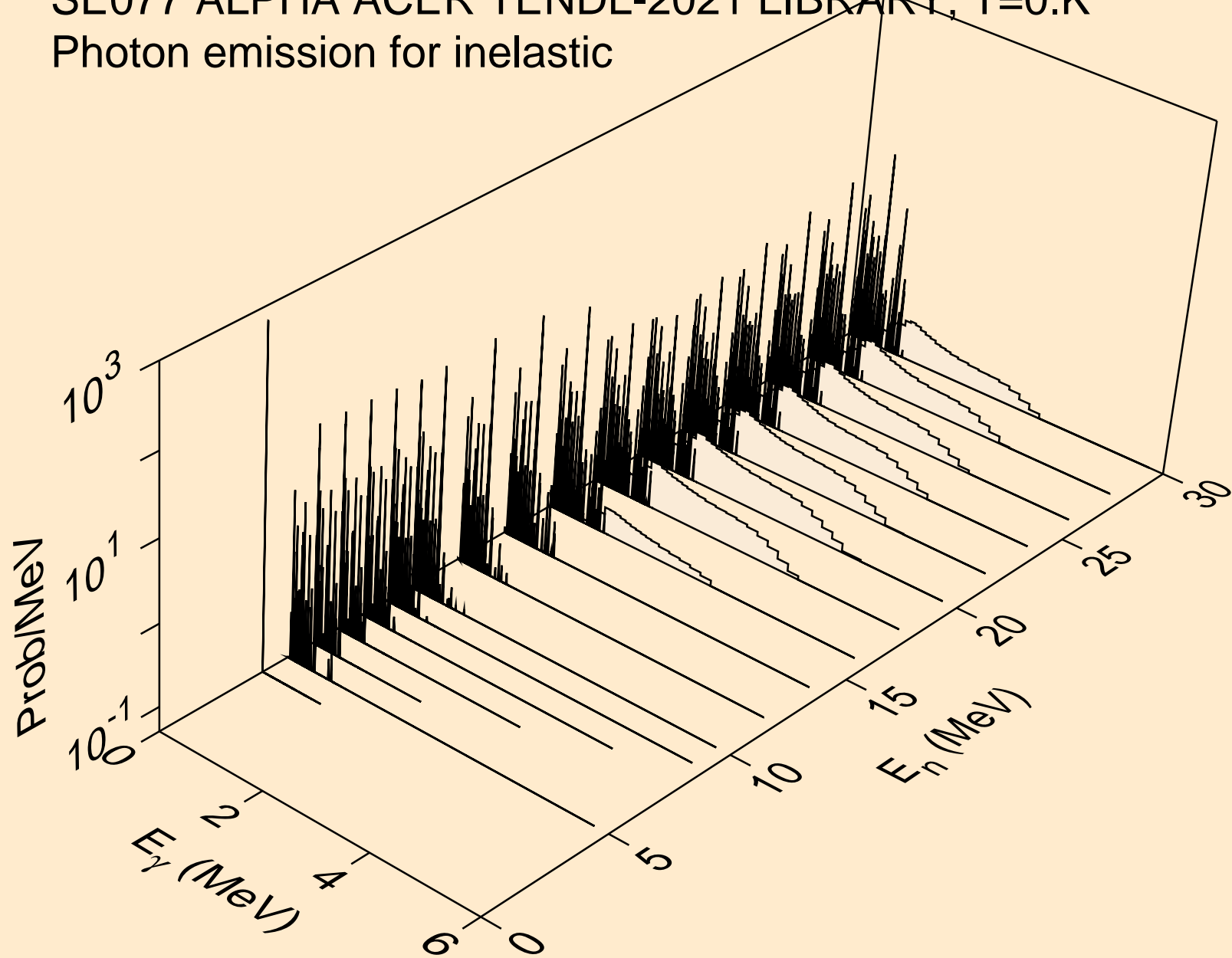
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Photon emission for (n,t)



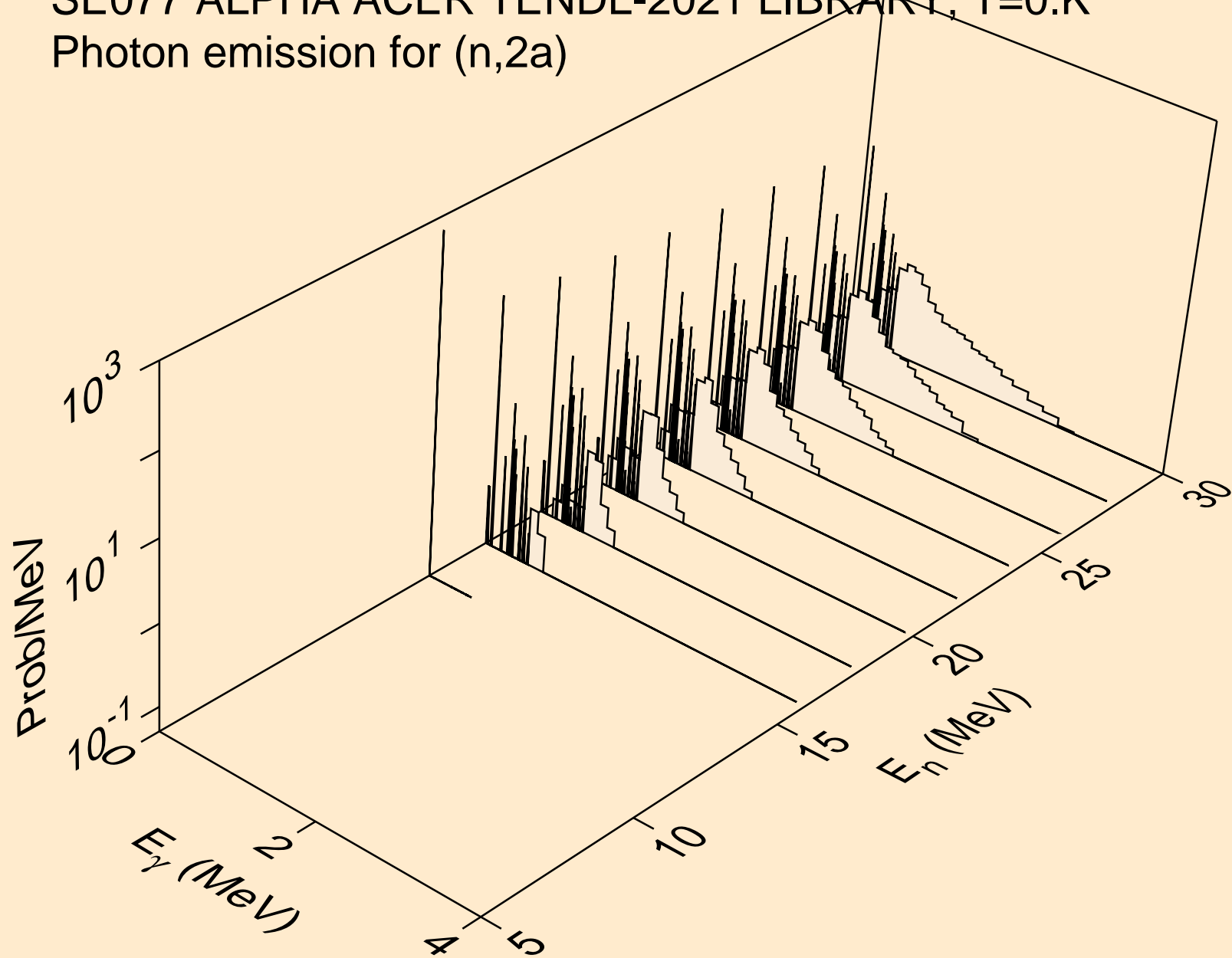
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Photon emission for (n,he3)



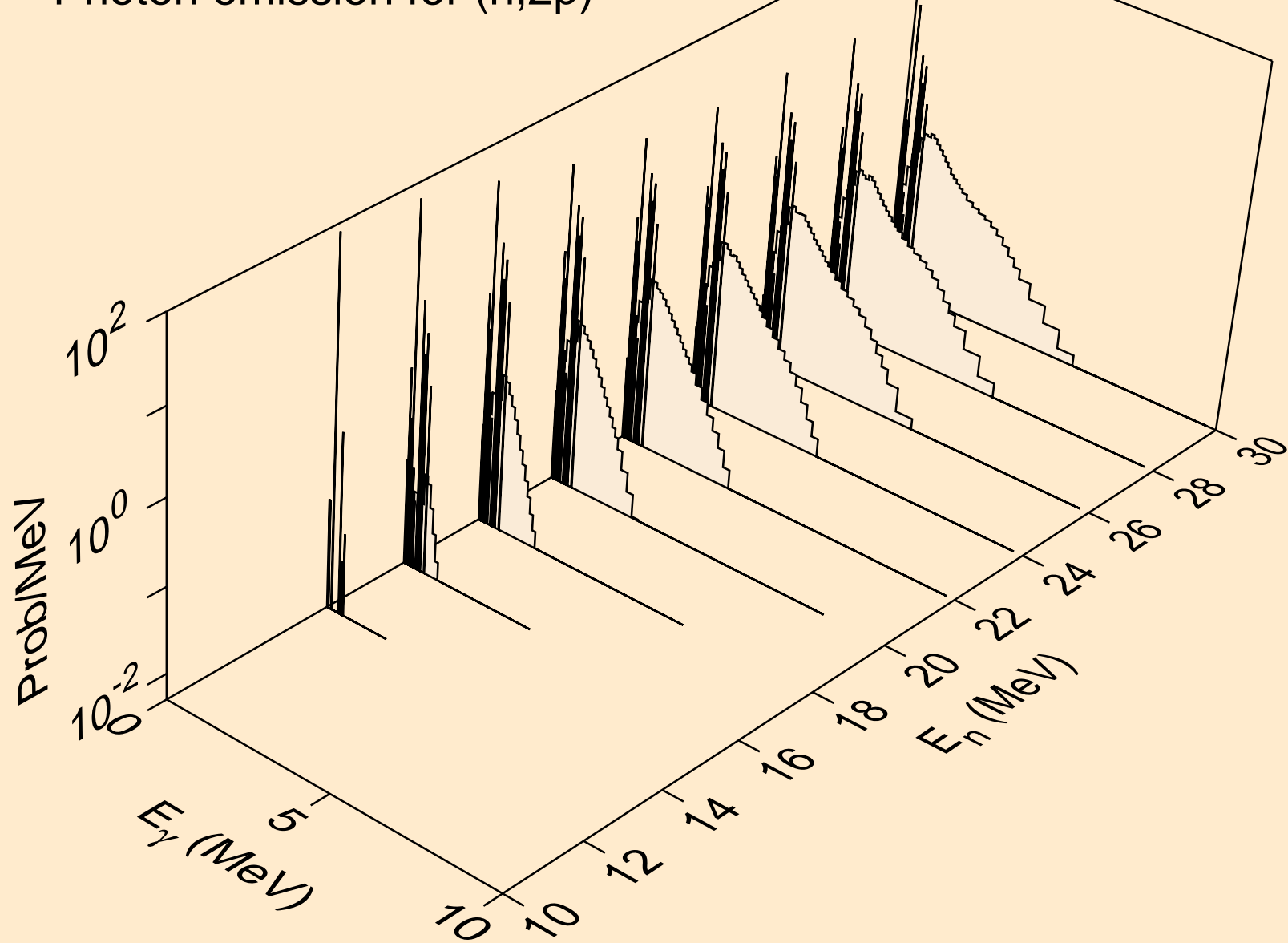
SE077 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



SE077 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2a)

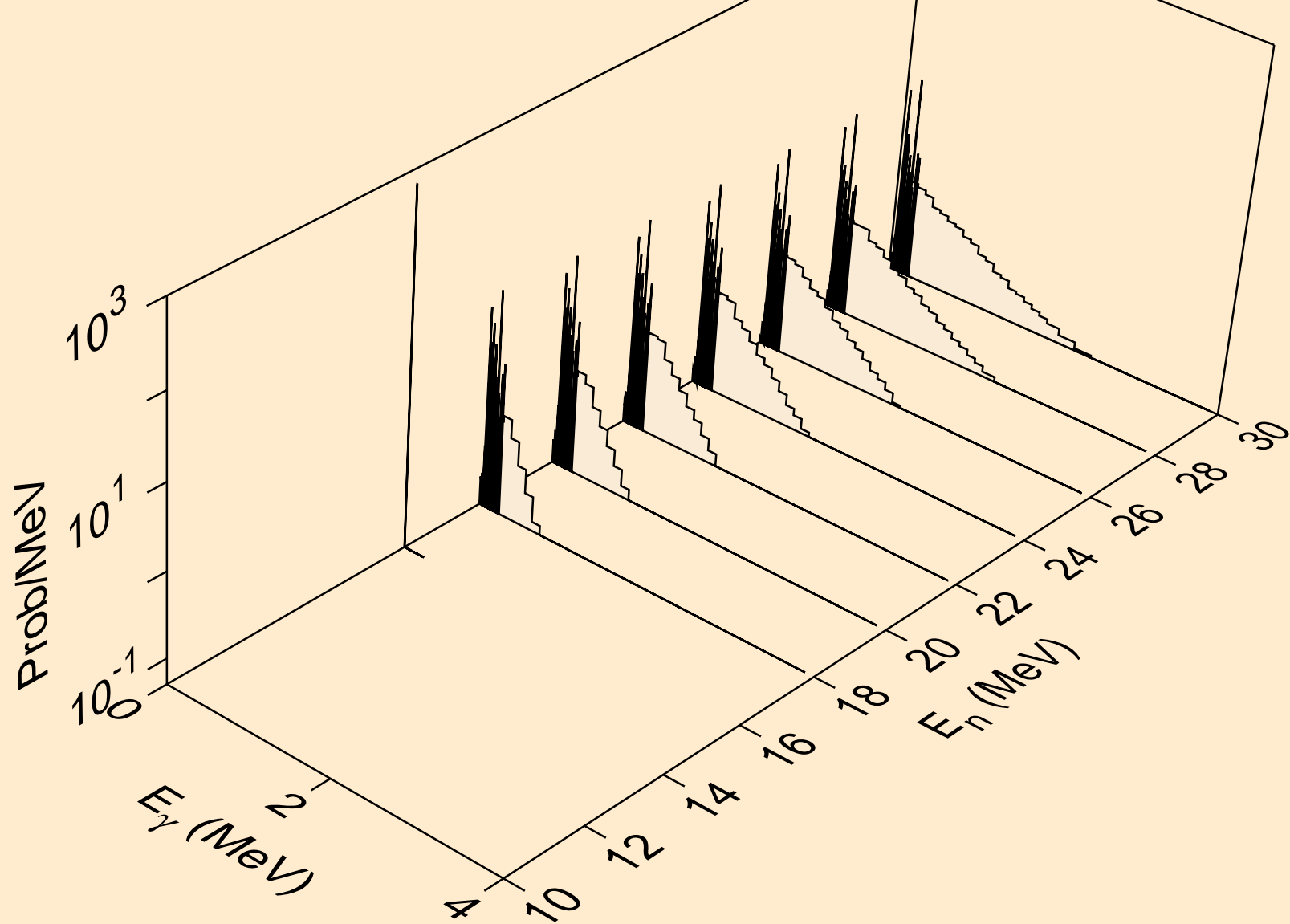


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Photon emission for (n,2p)

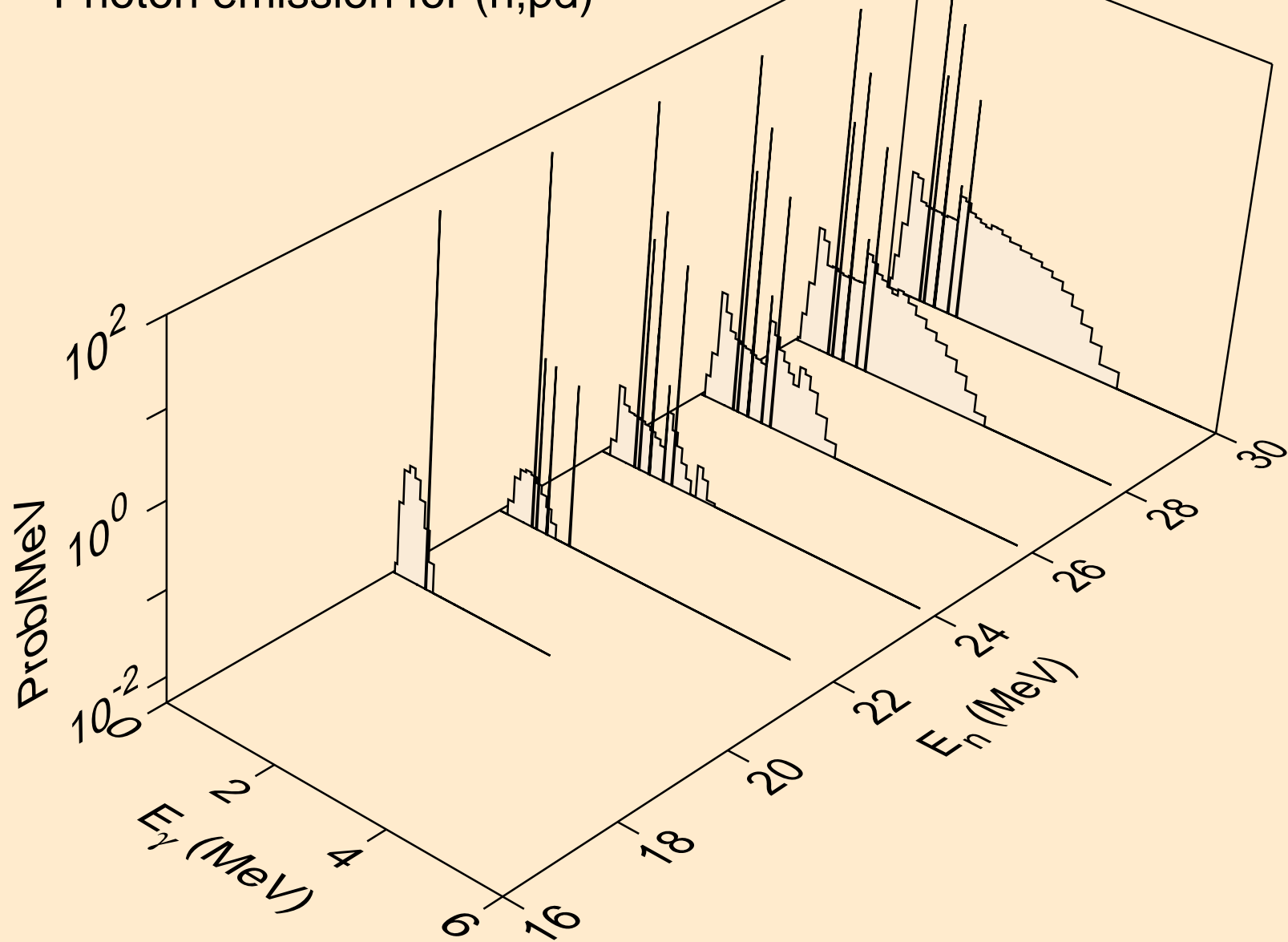




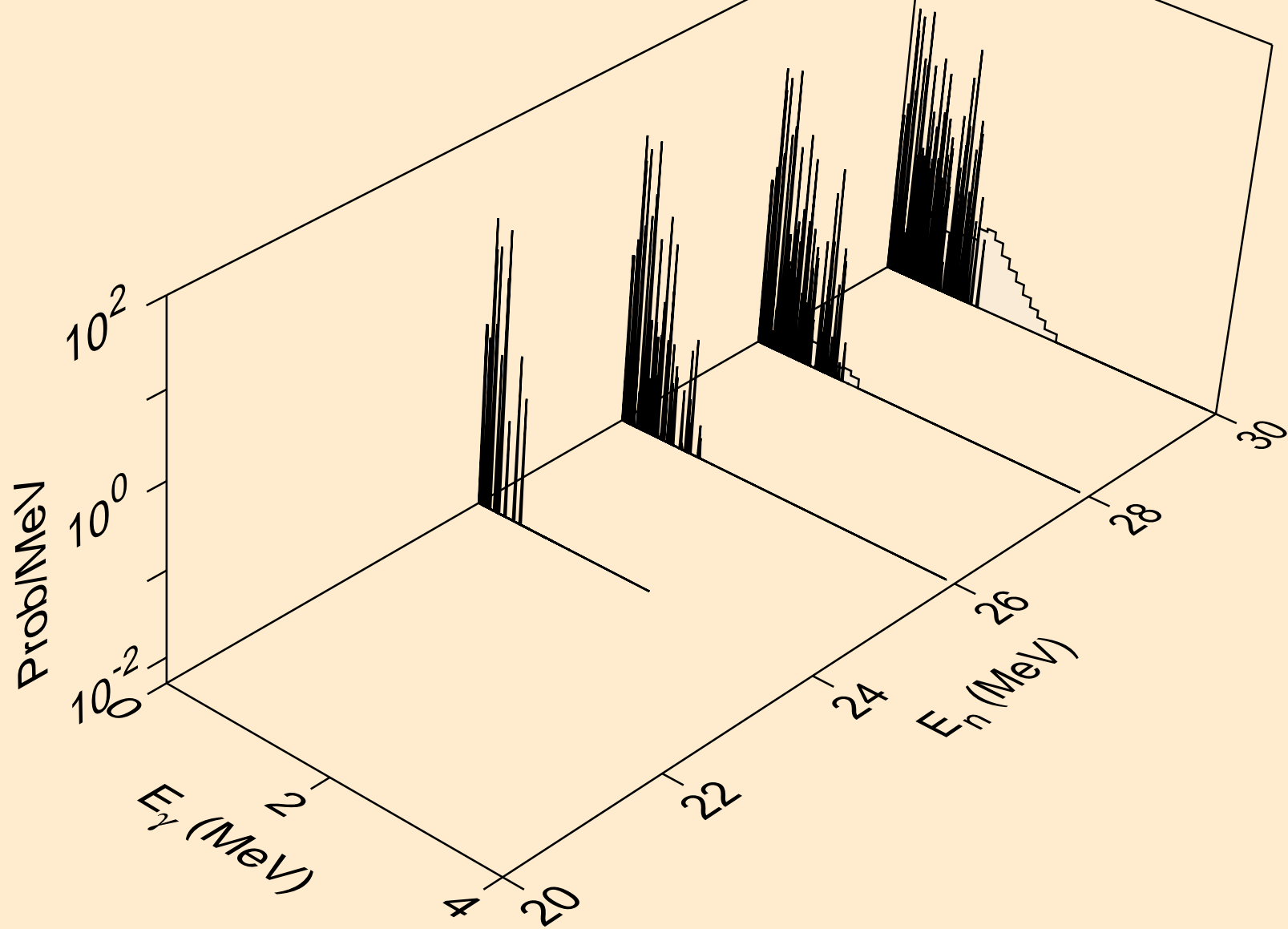
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Photon emission for (n,pa)



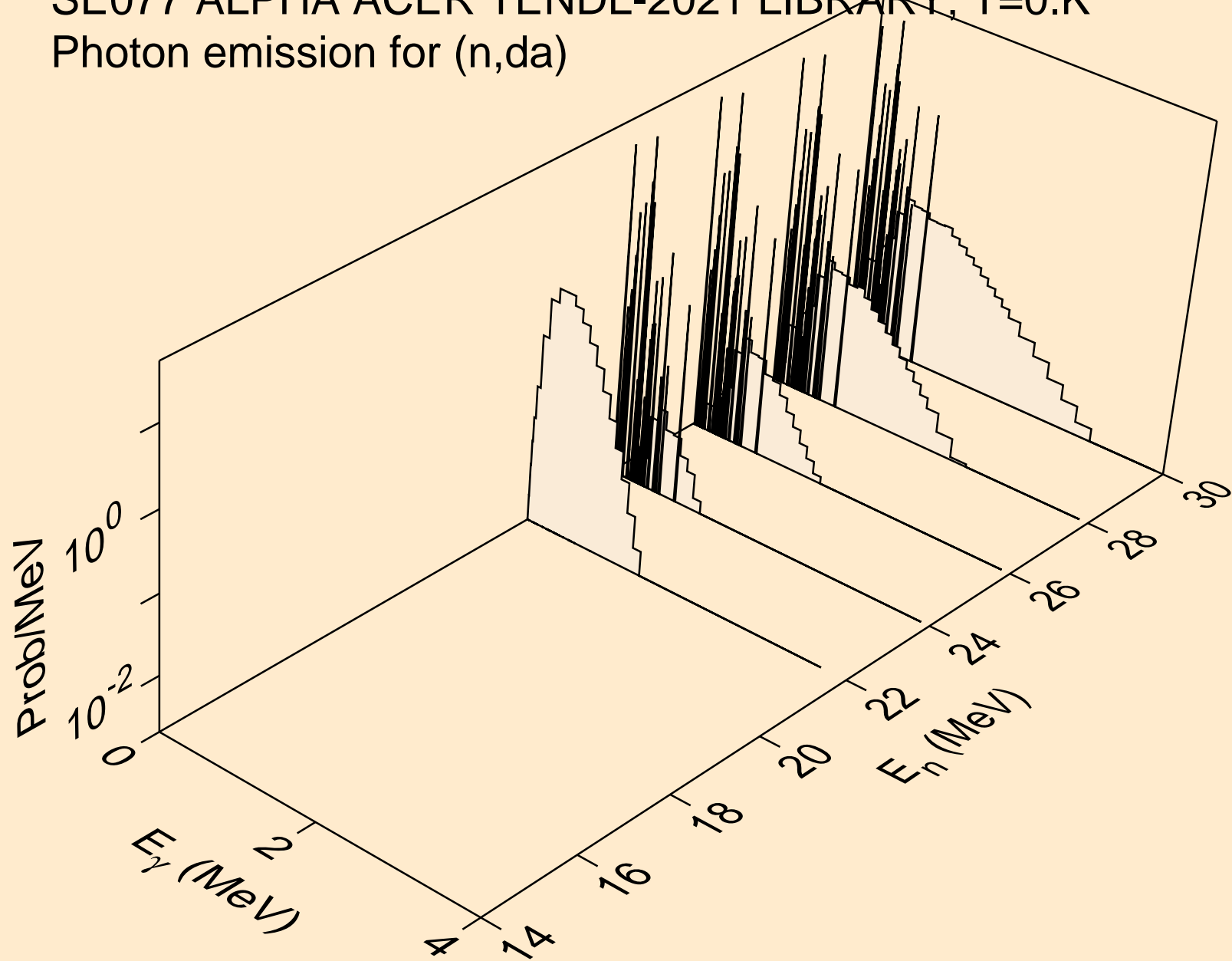
SE077 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)



SE077 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)

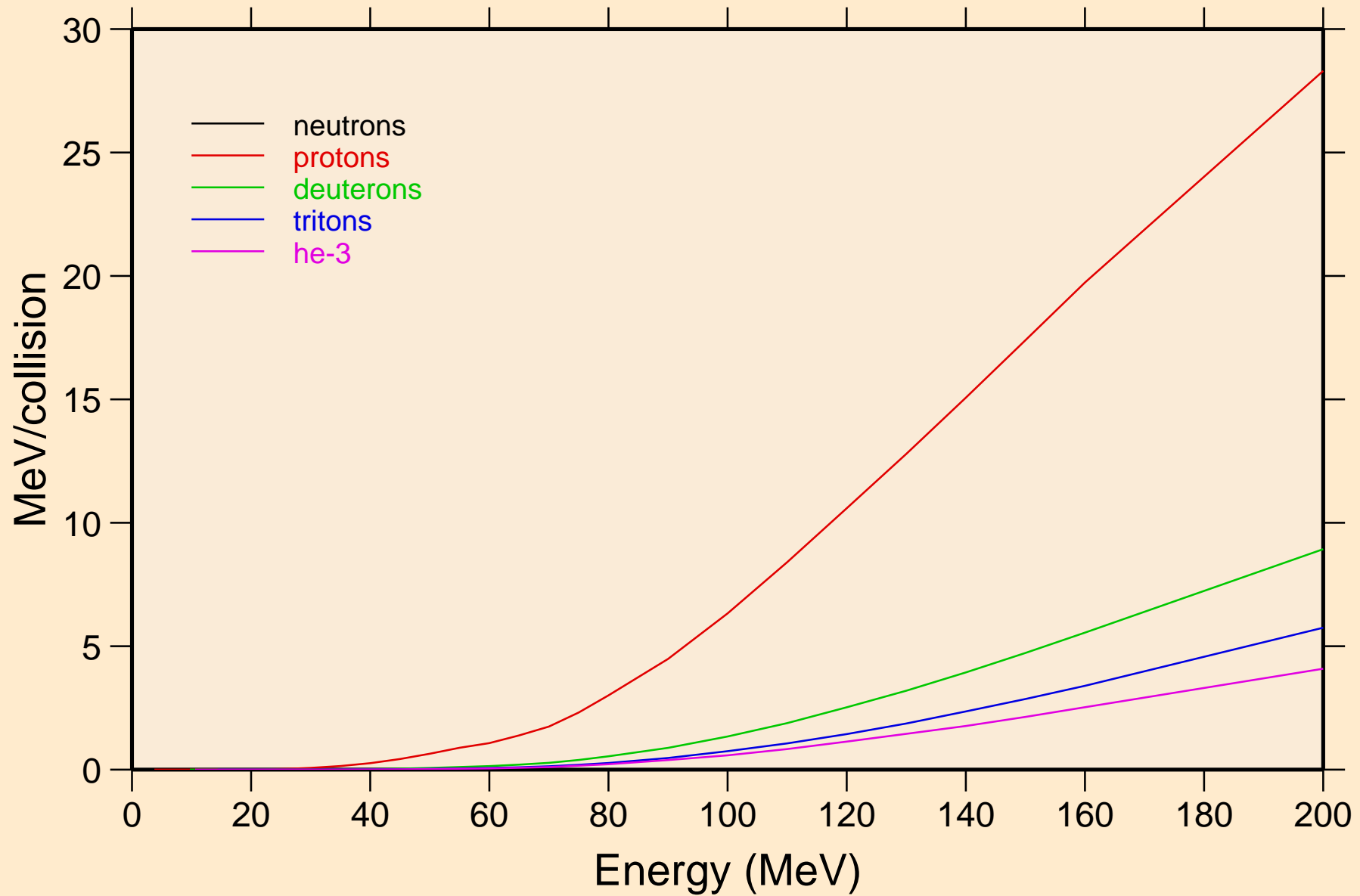


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Photon emission for (n,da)

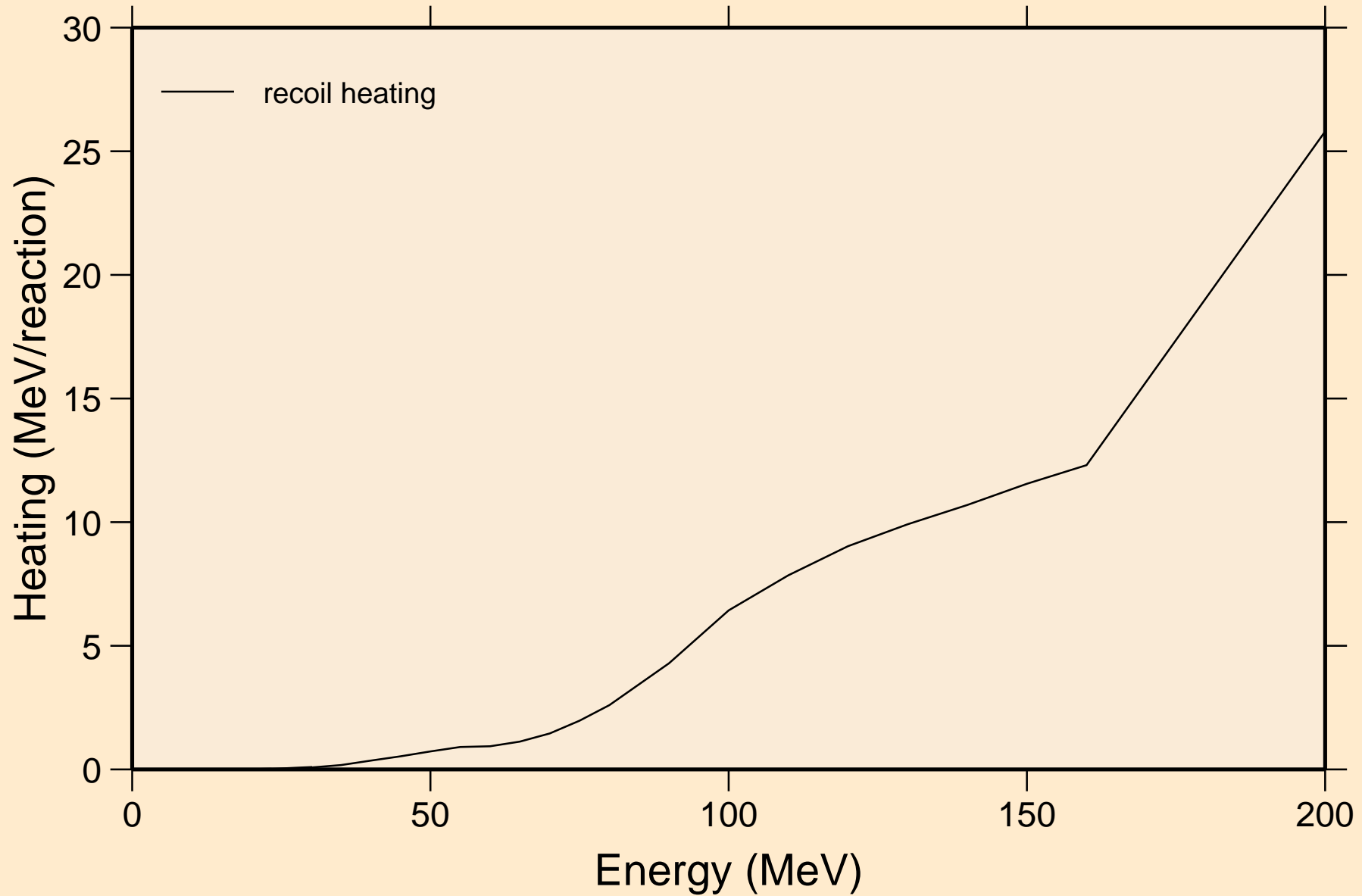


# SE077 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

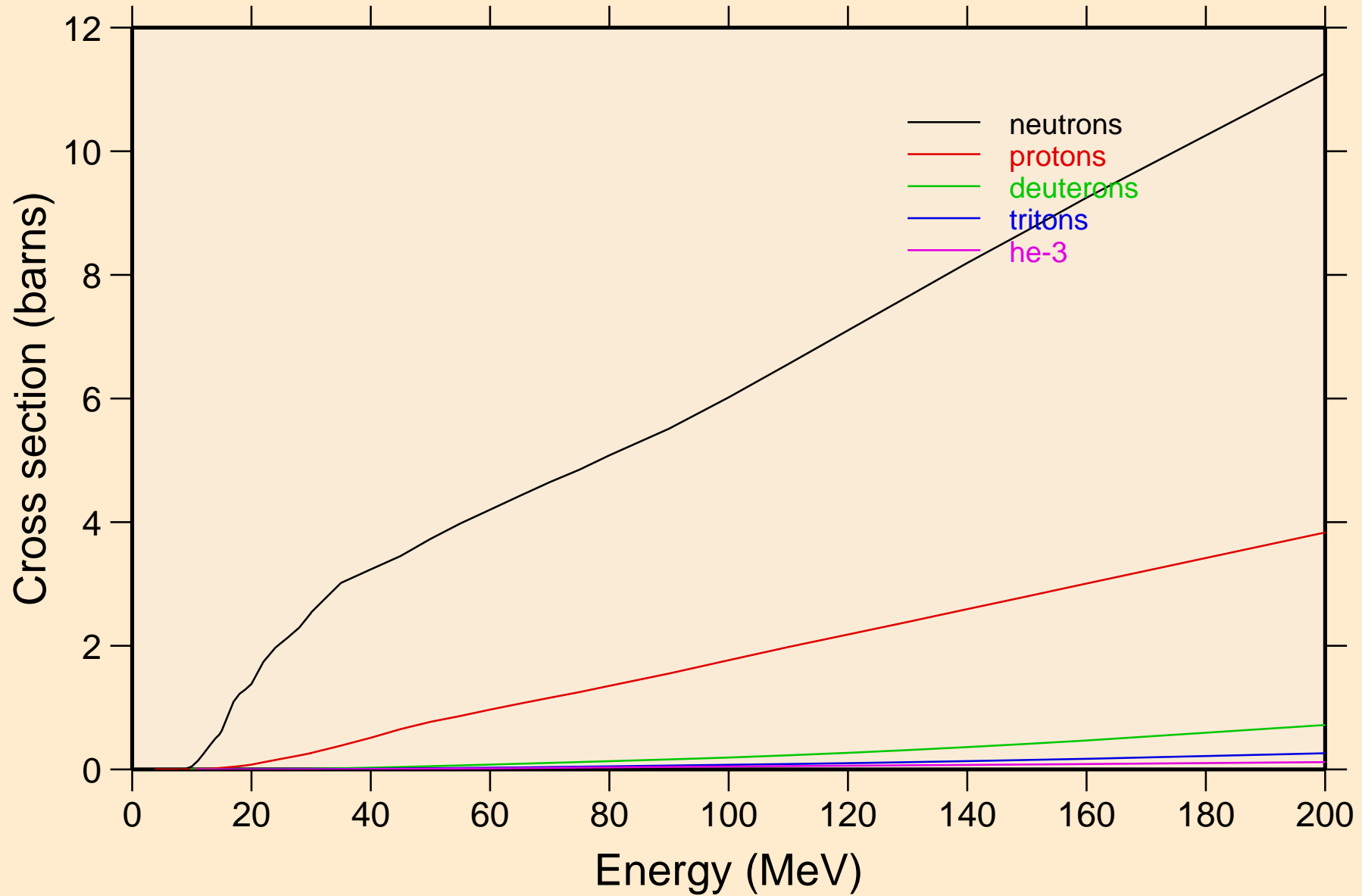
## Particle heating contributions



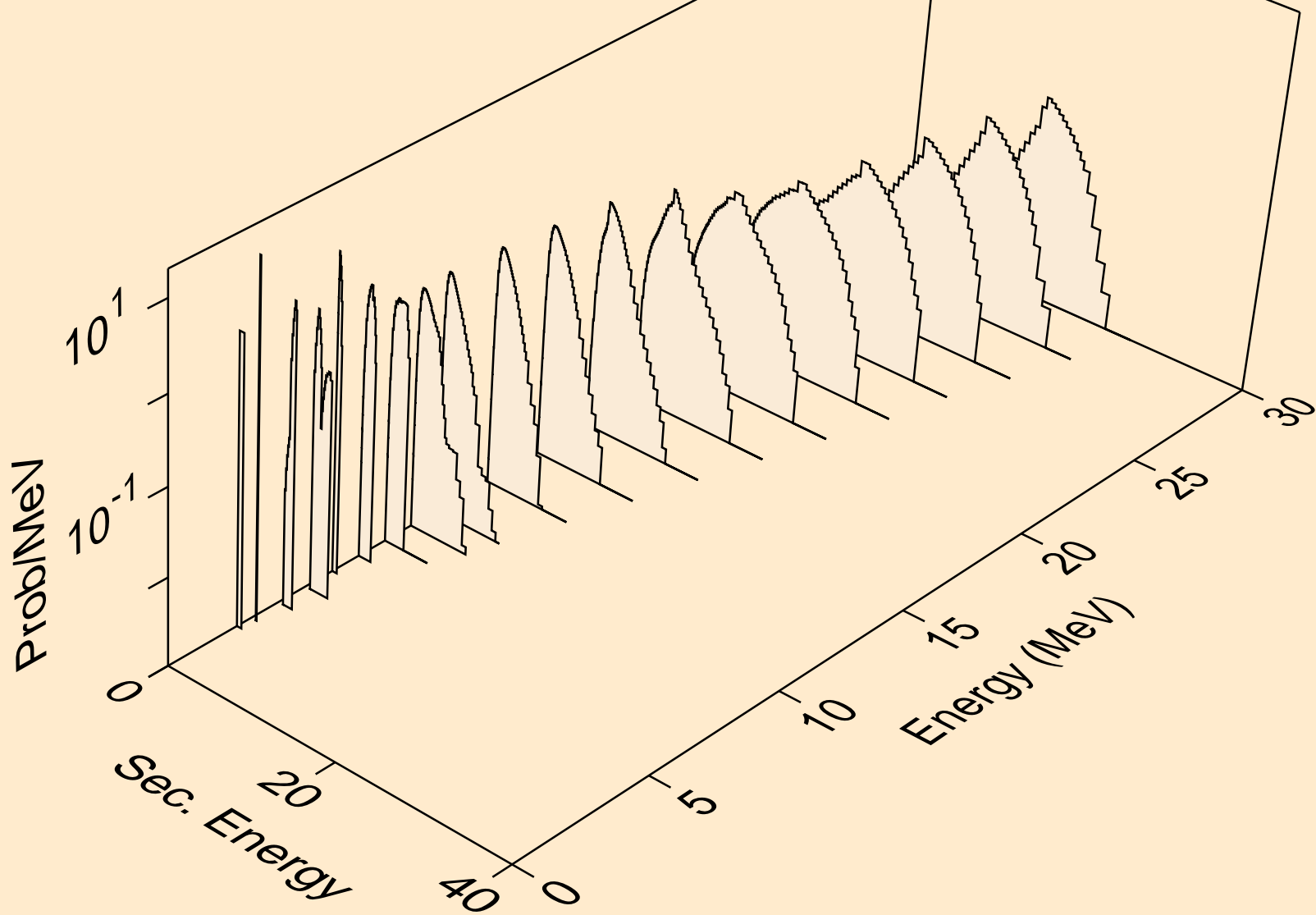
SE077 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating



SE077 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections

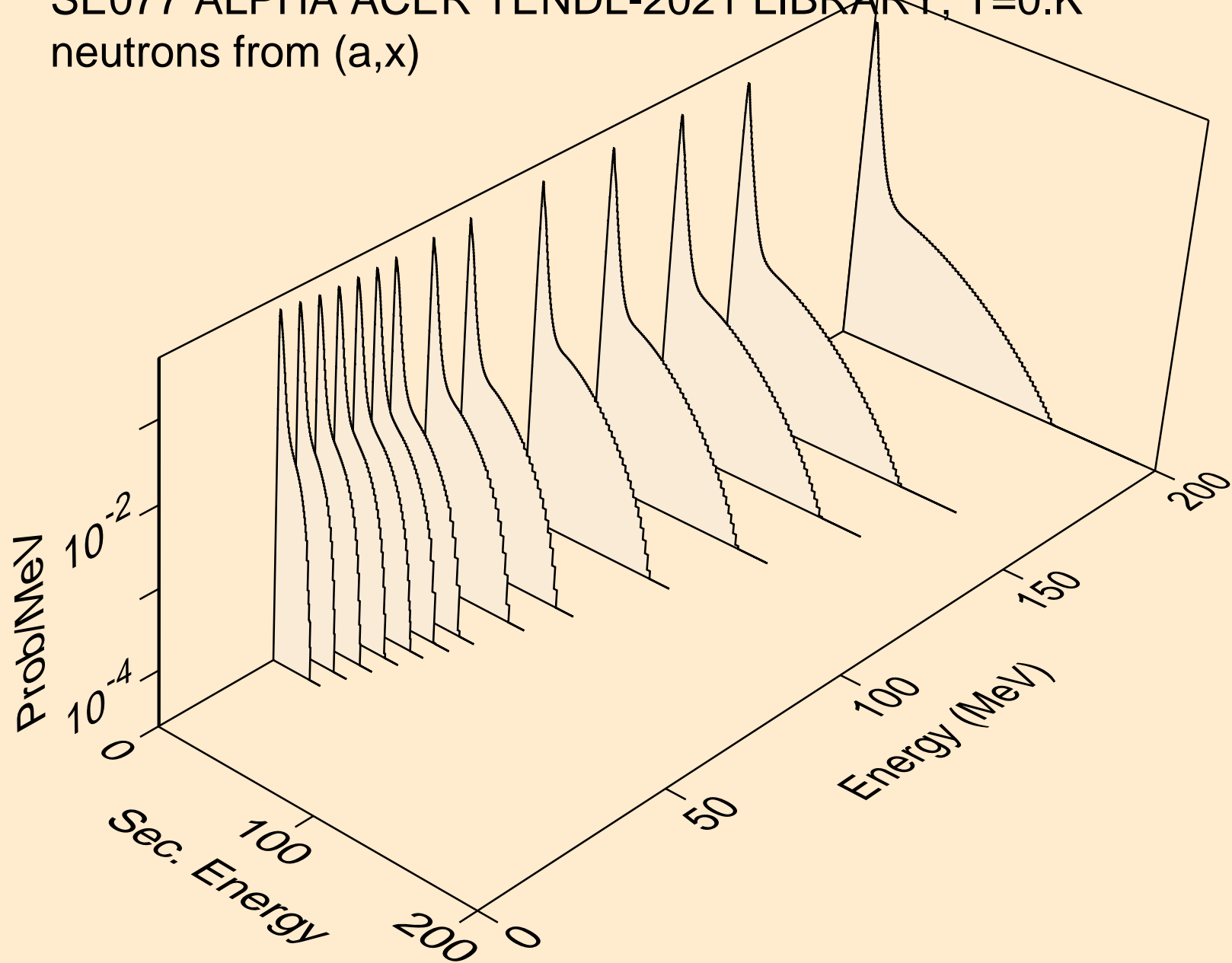


SE077 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n)

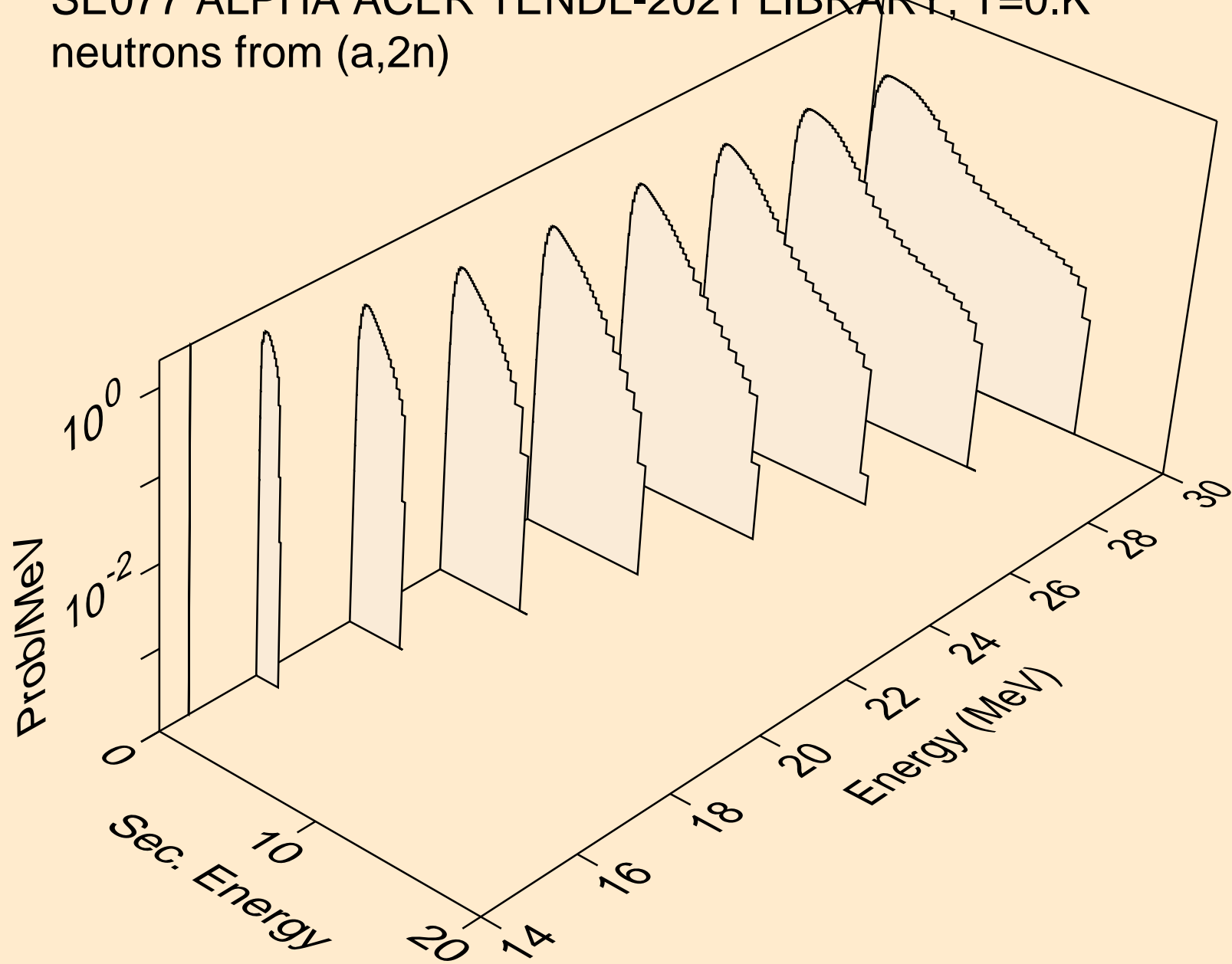




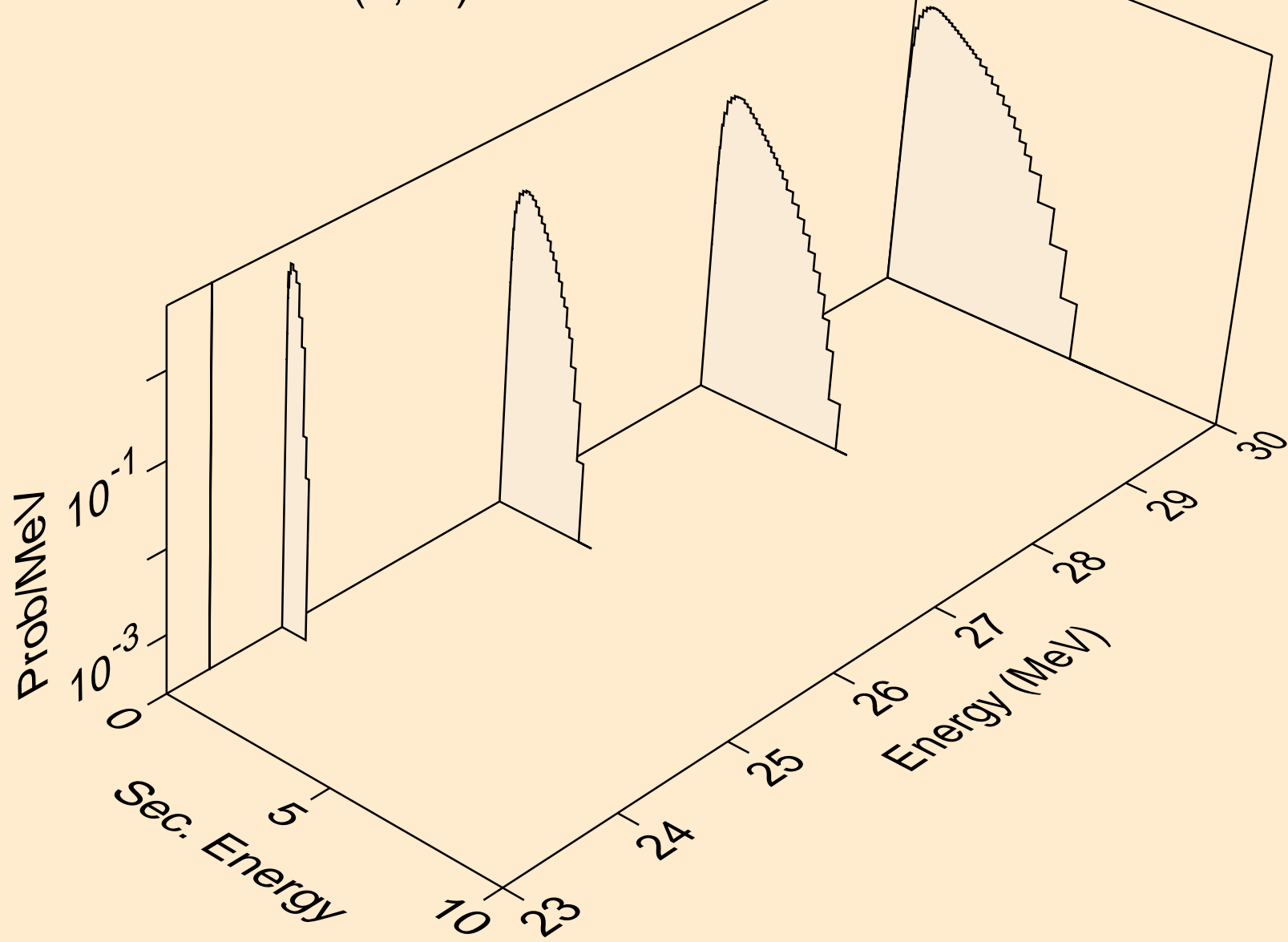
SE077 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,x)



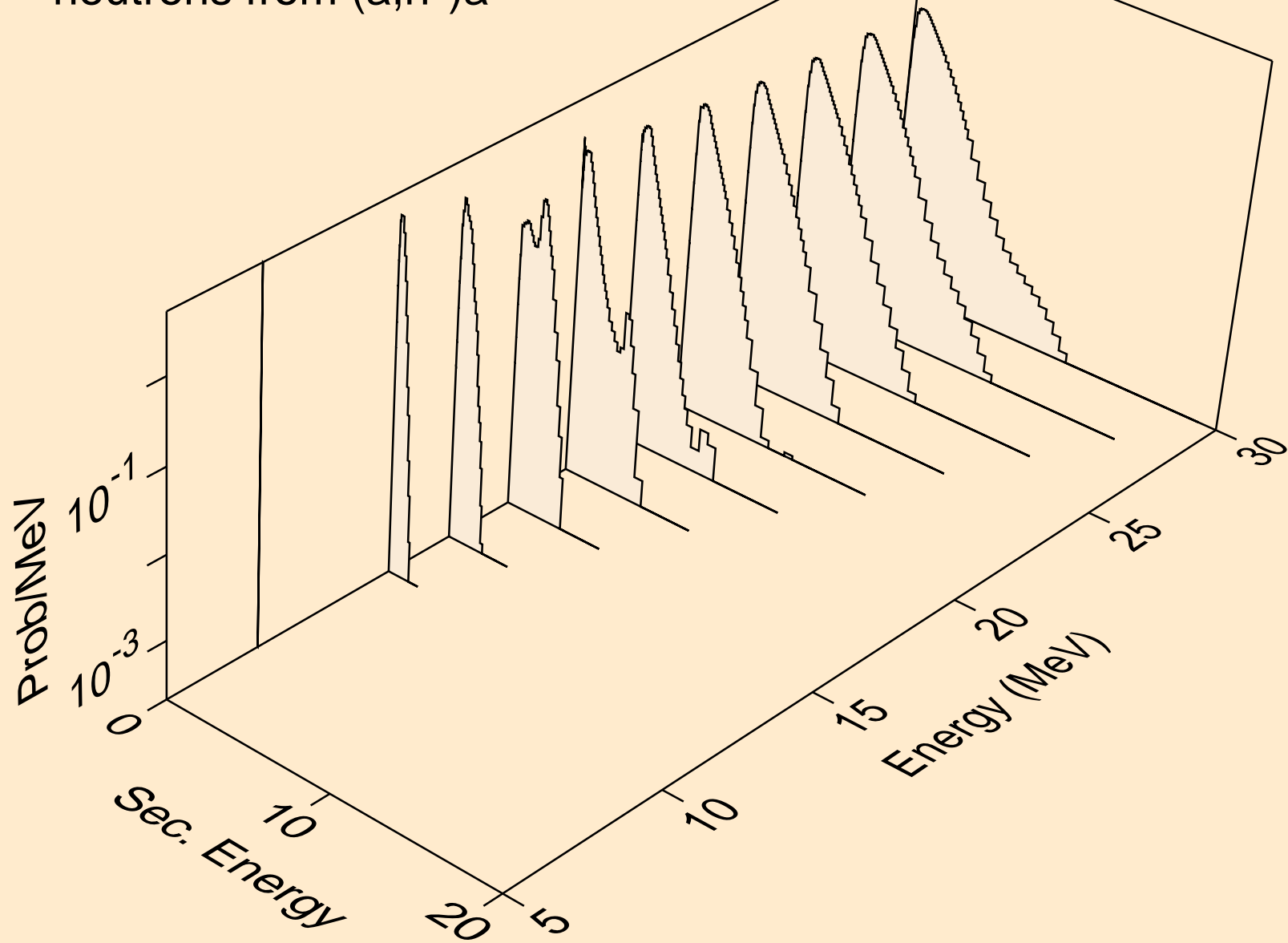
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neutrons from (a,2n)



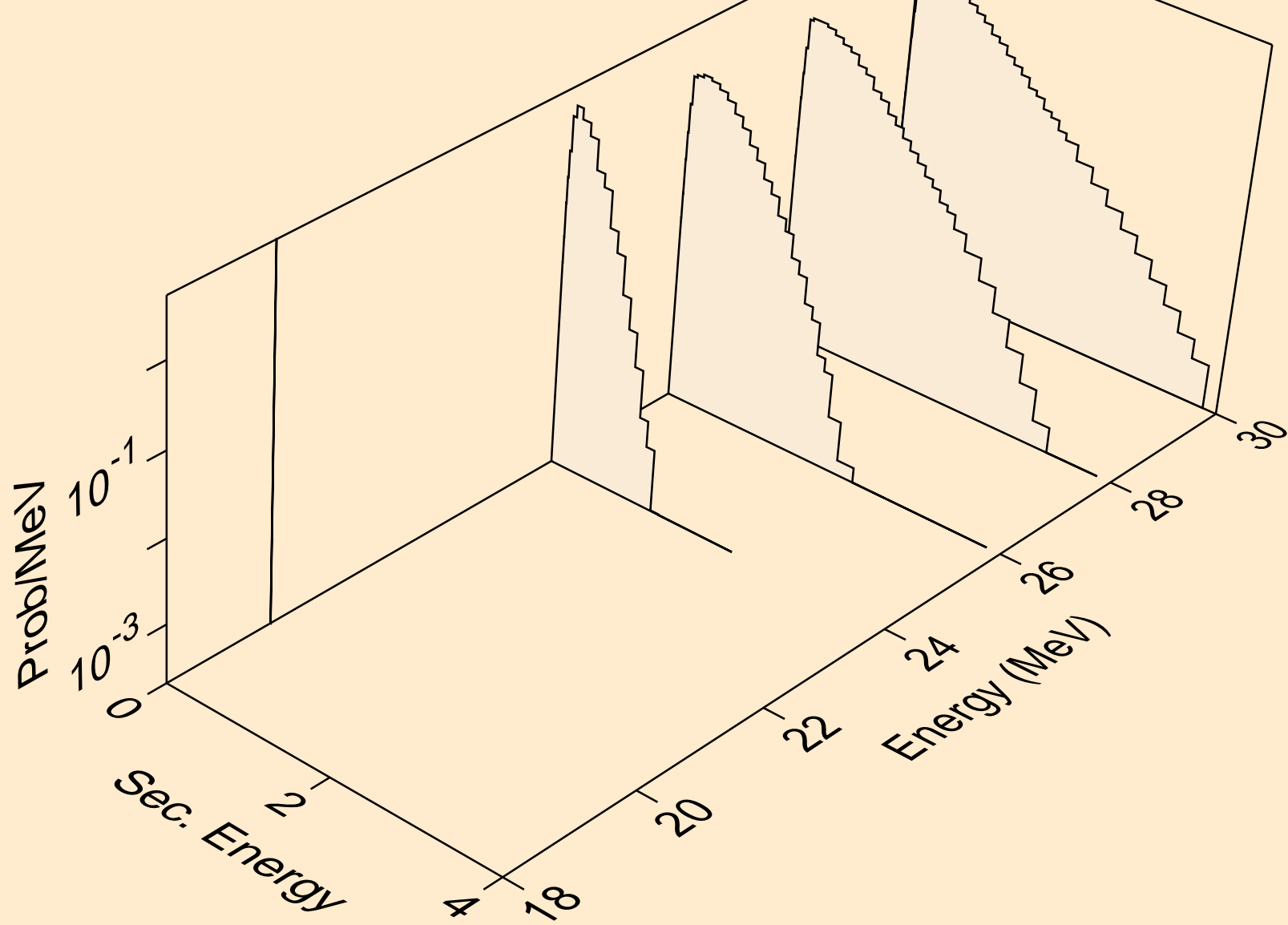
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neutrons from (a,3n)



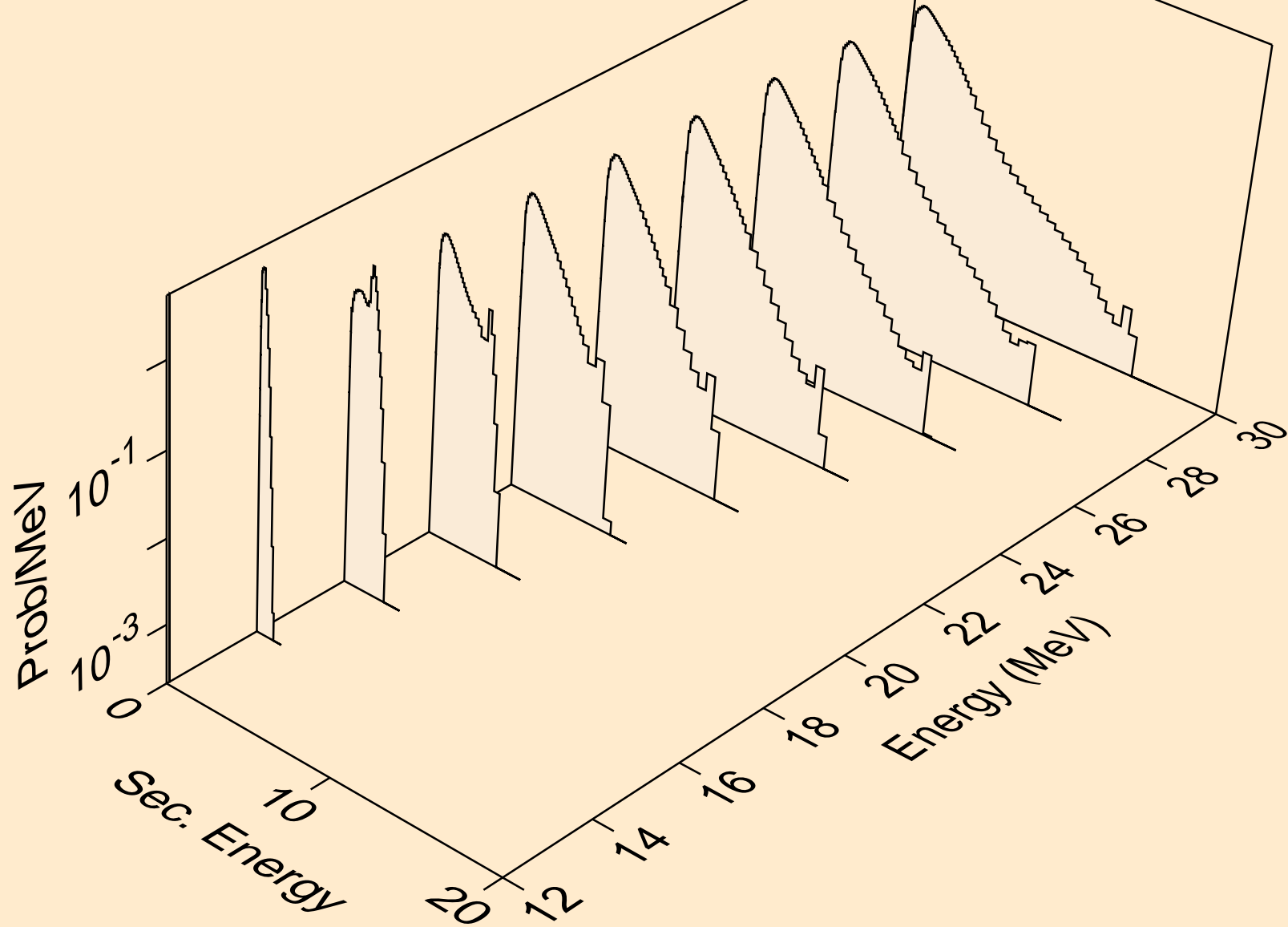
SE077 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)a



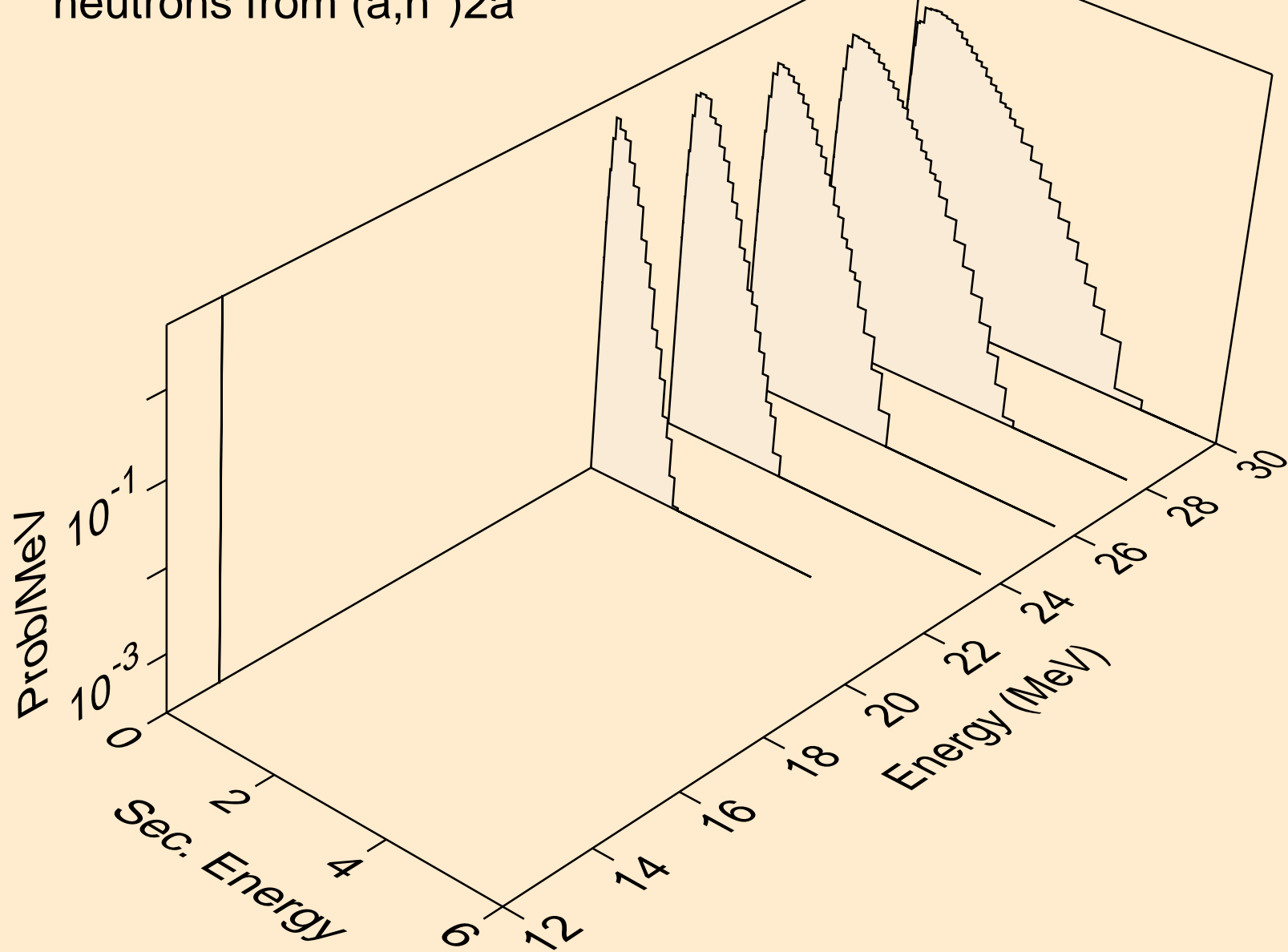
SE077 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2n)a



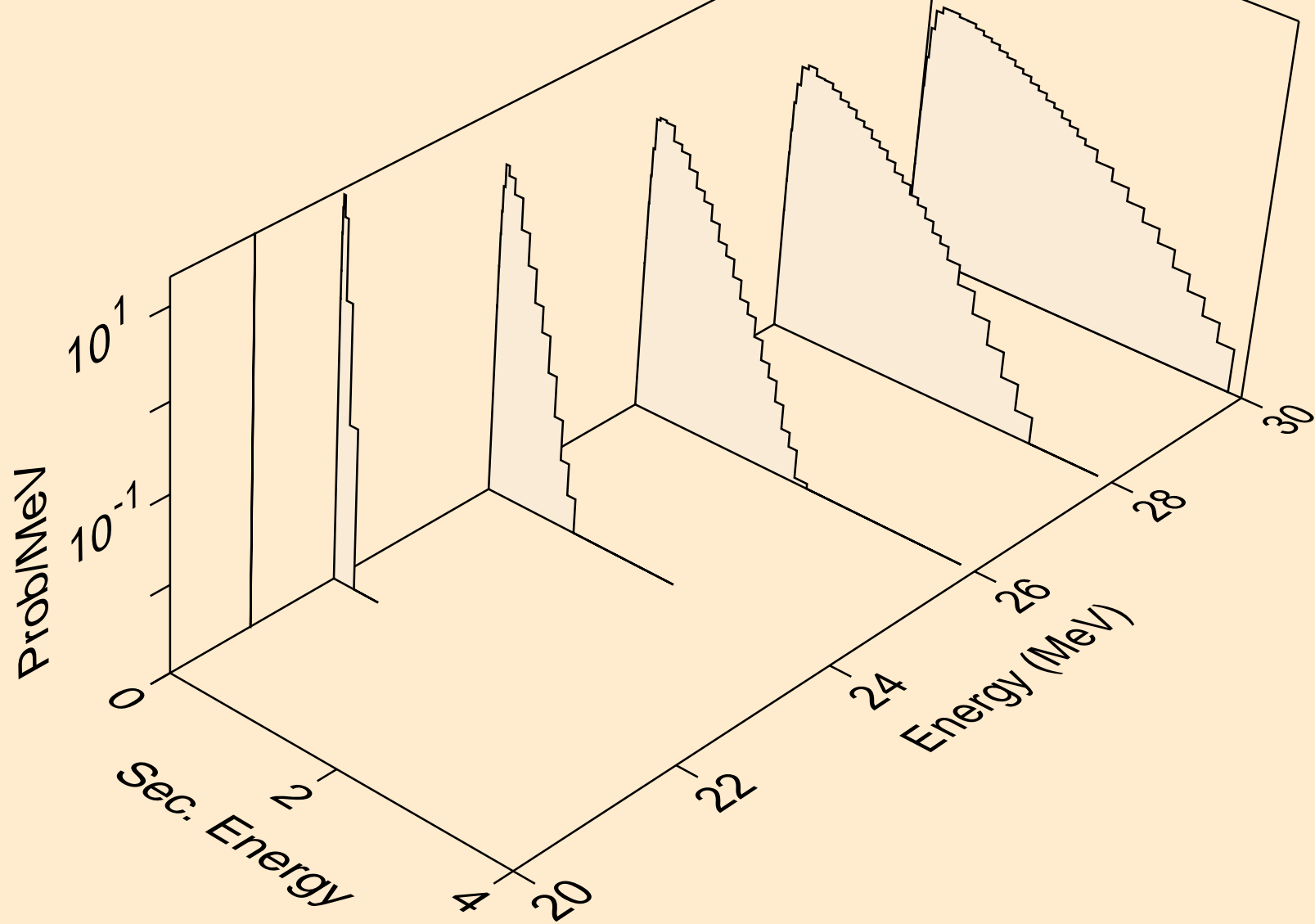
SE077 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)p



SE077 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)2a

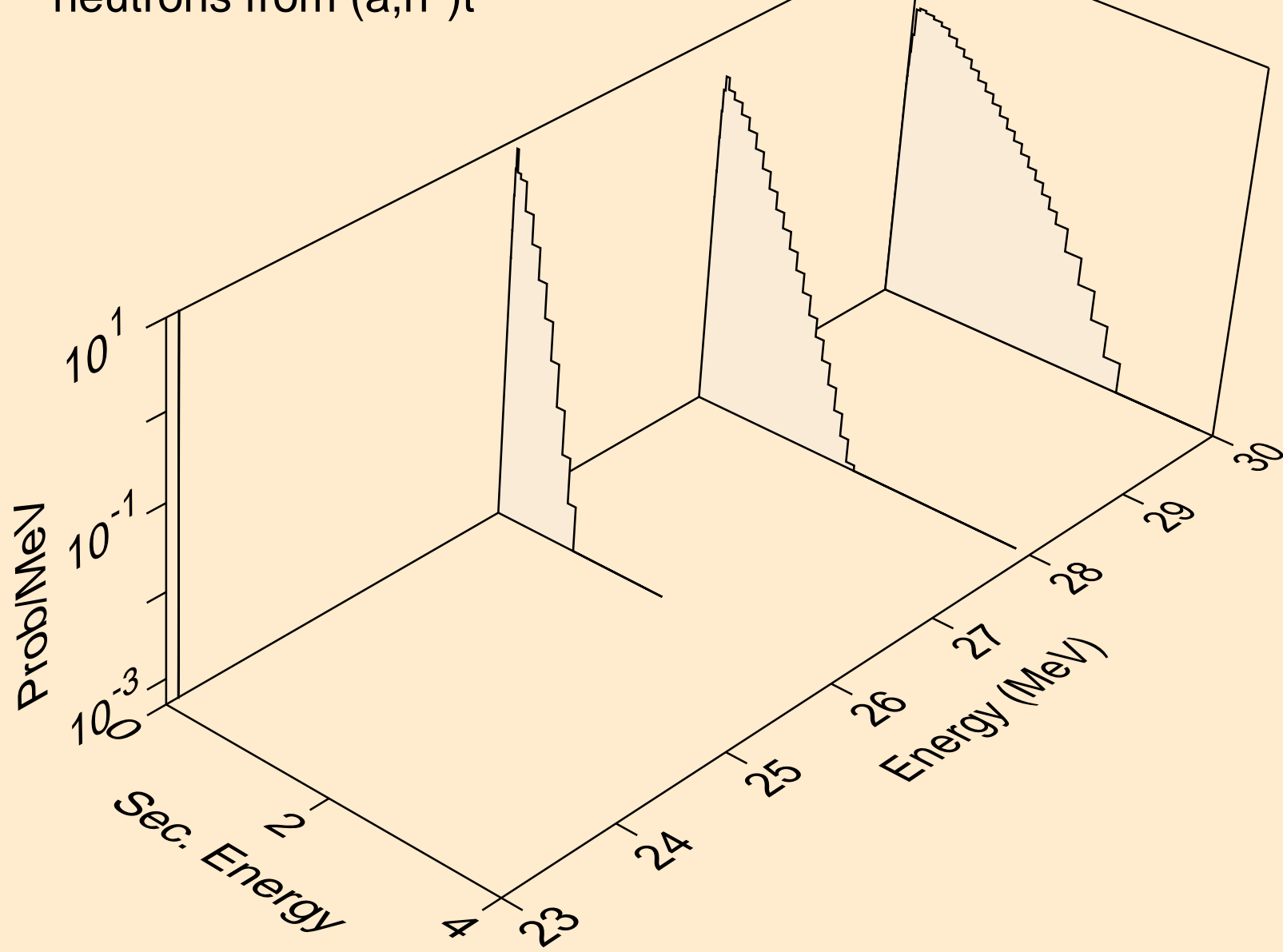


SE077 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)d

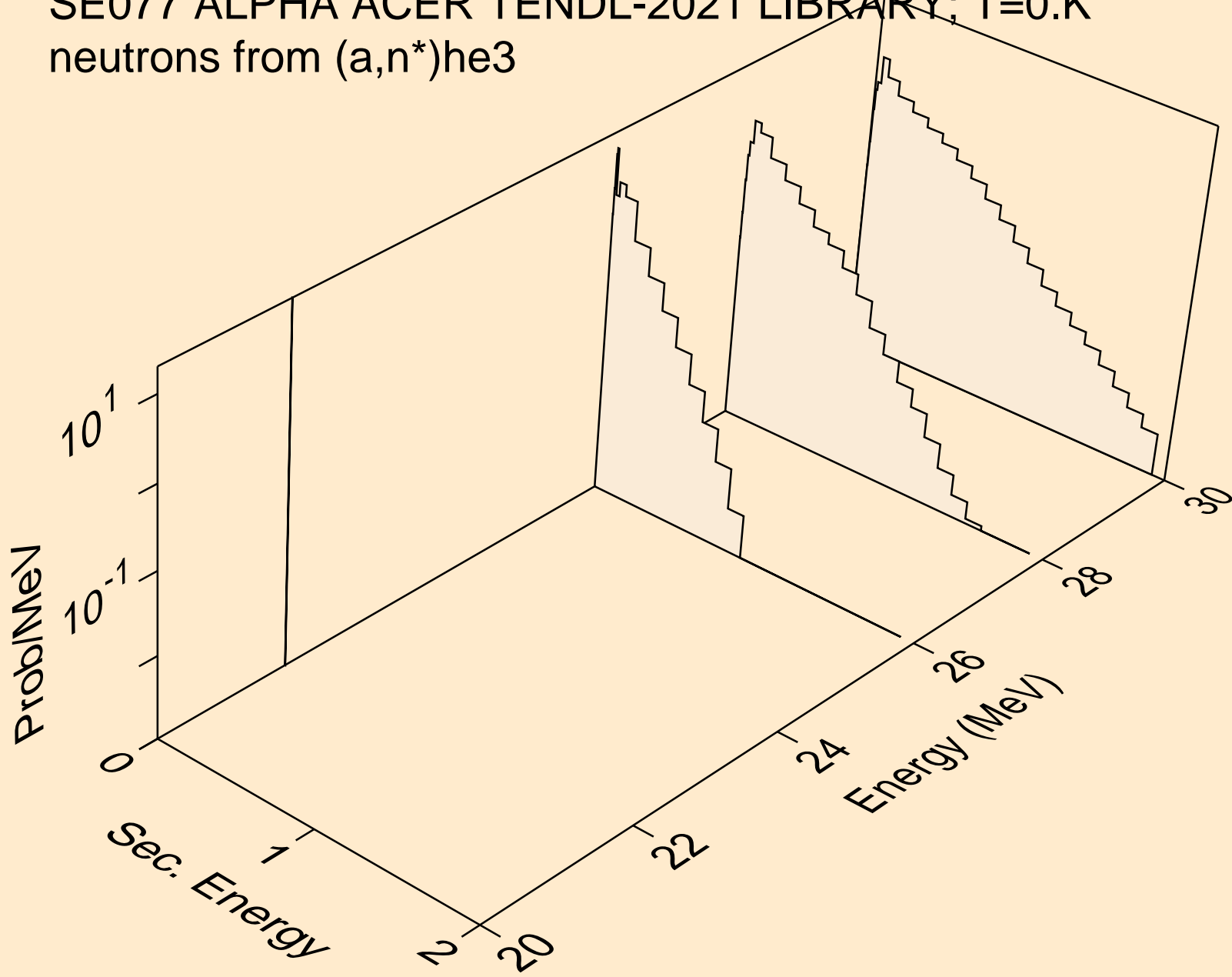




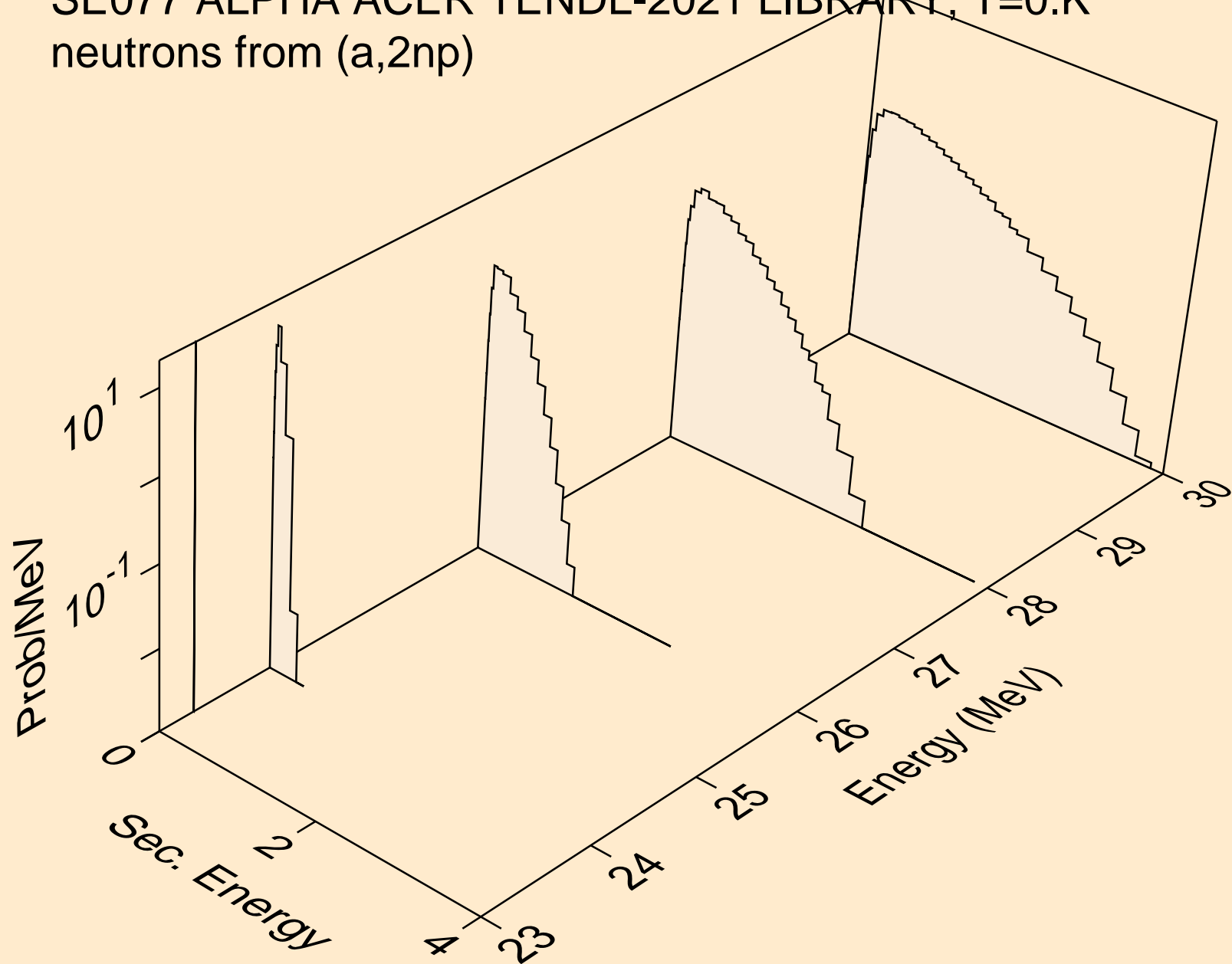
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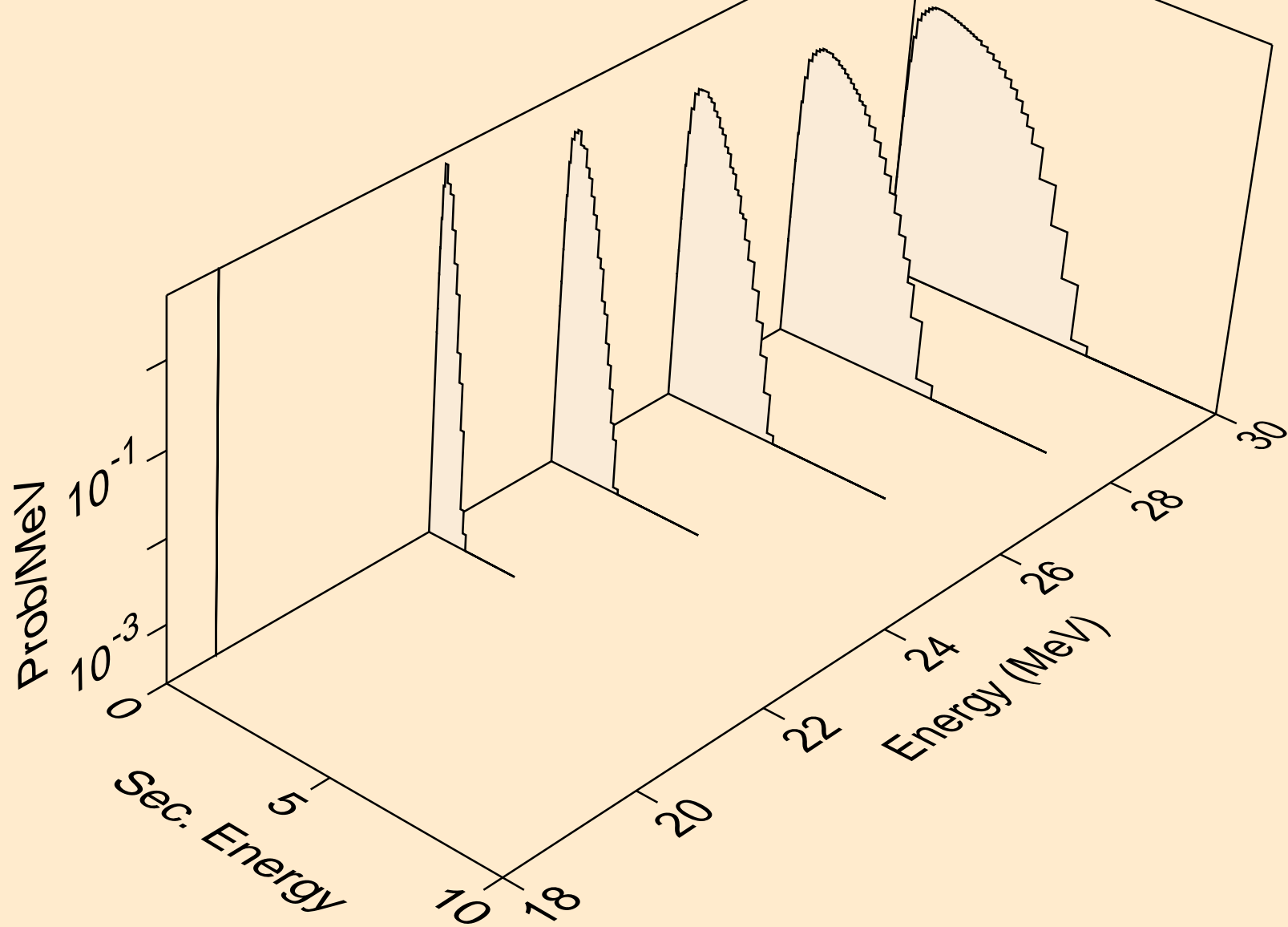
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neutrons from (a,n\*)he3



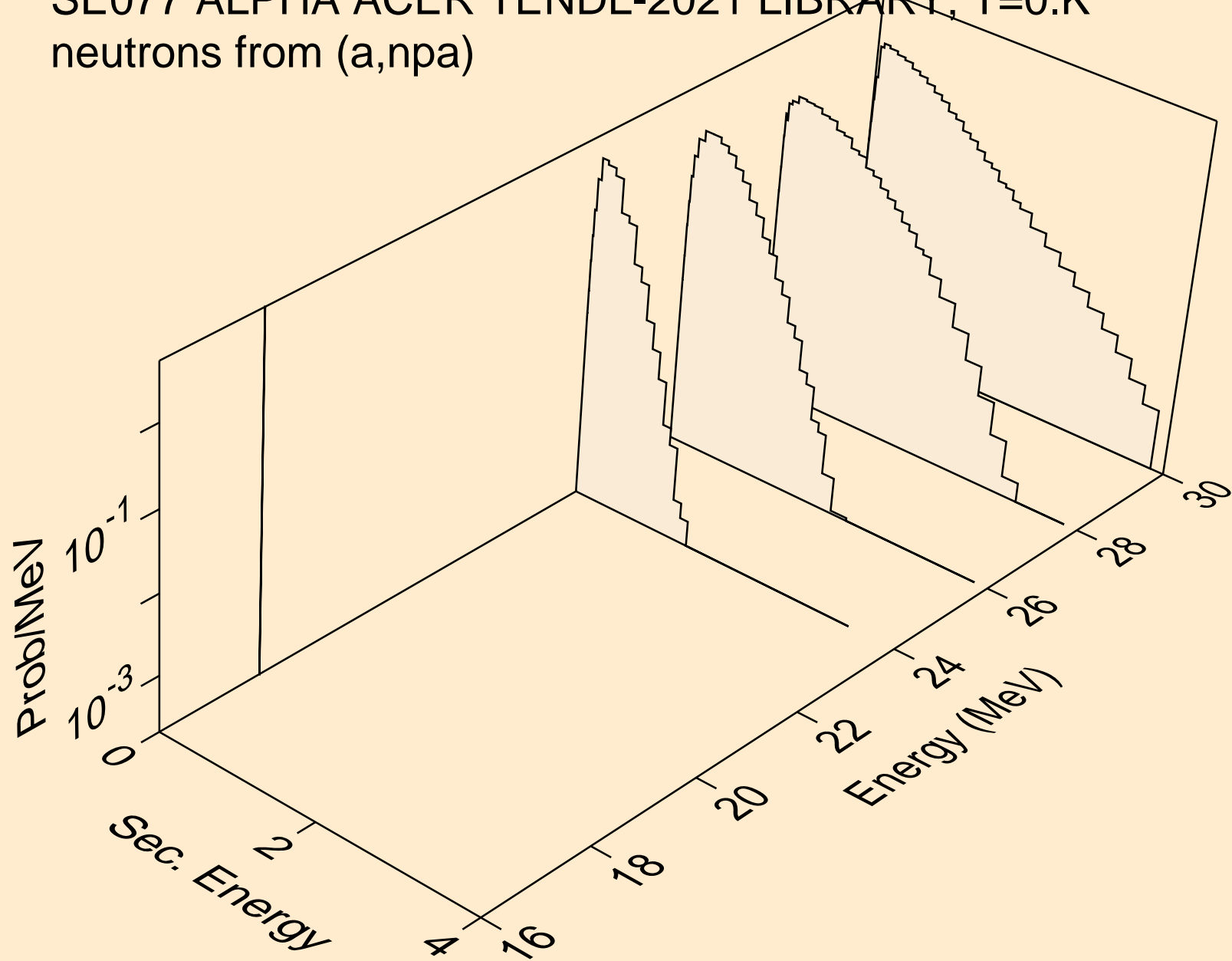
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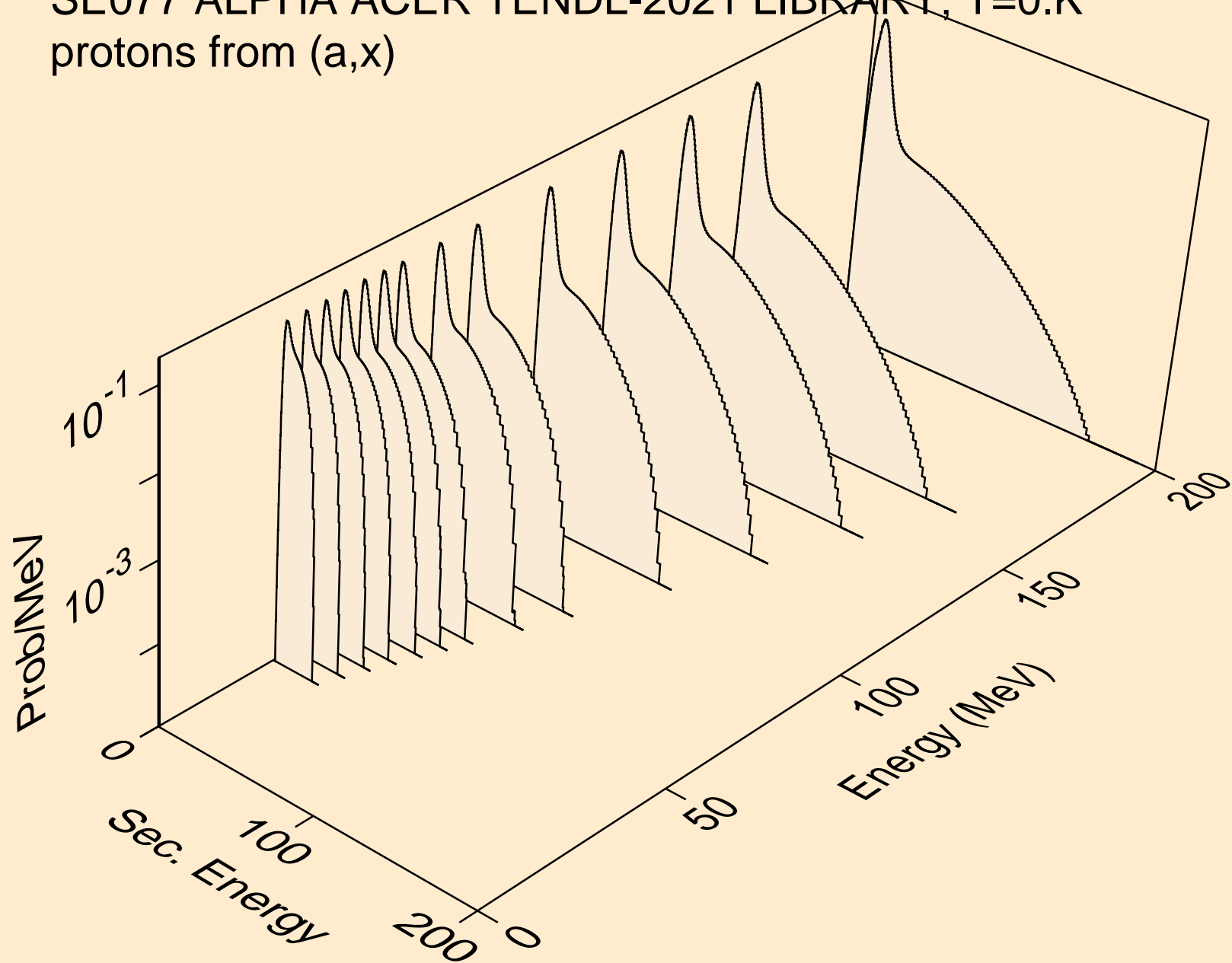
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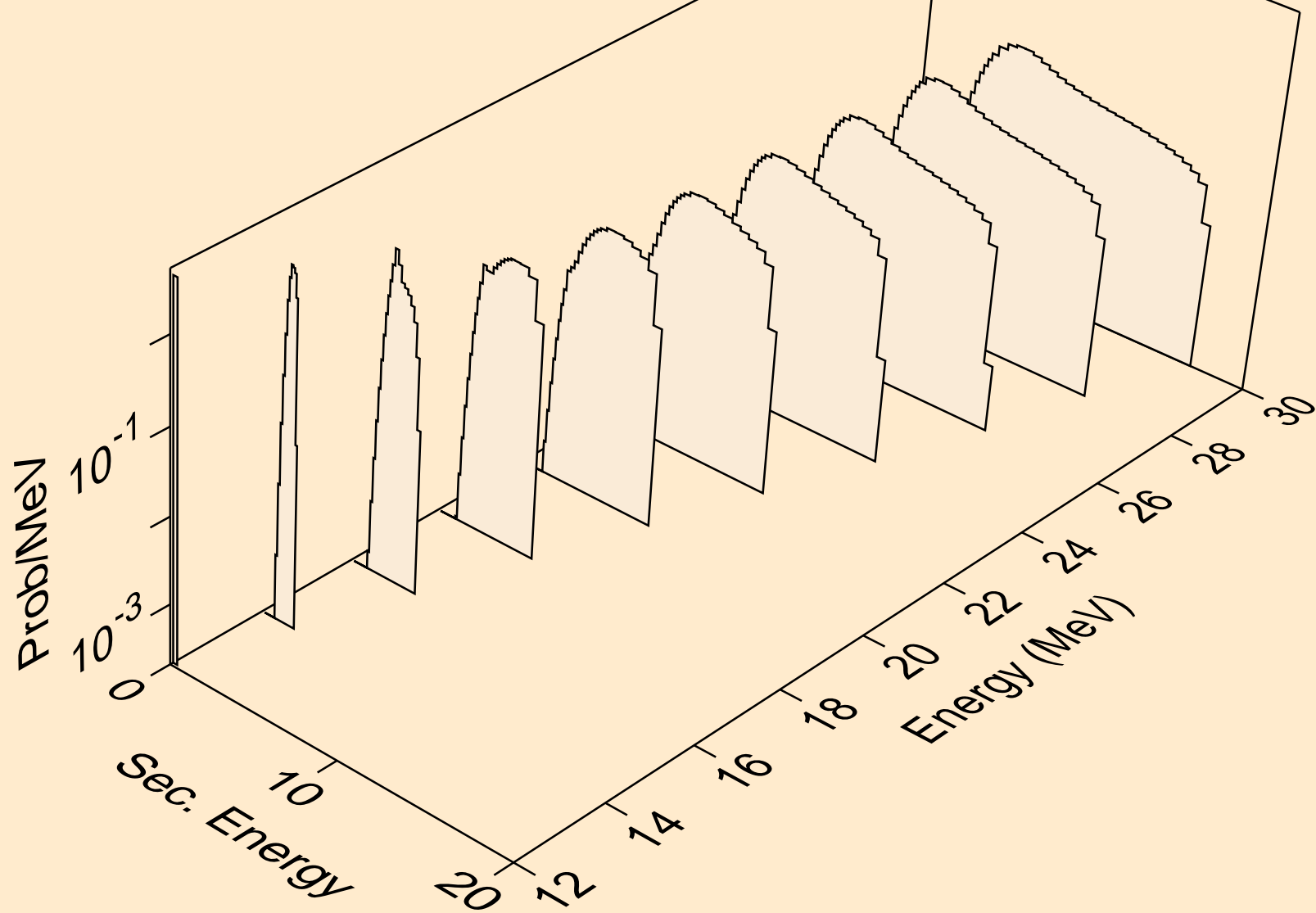
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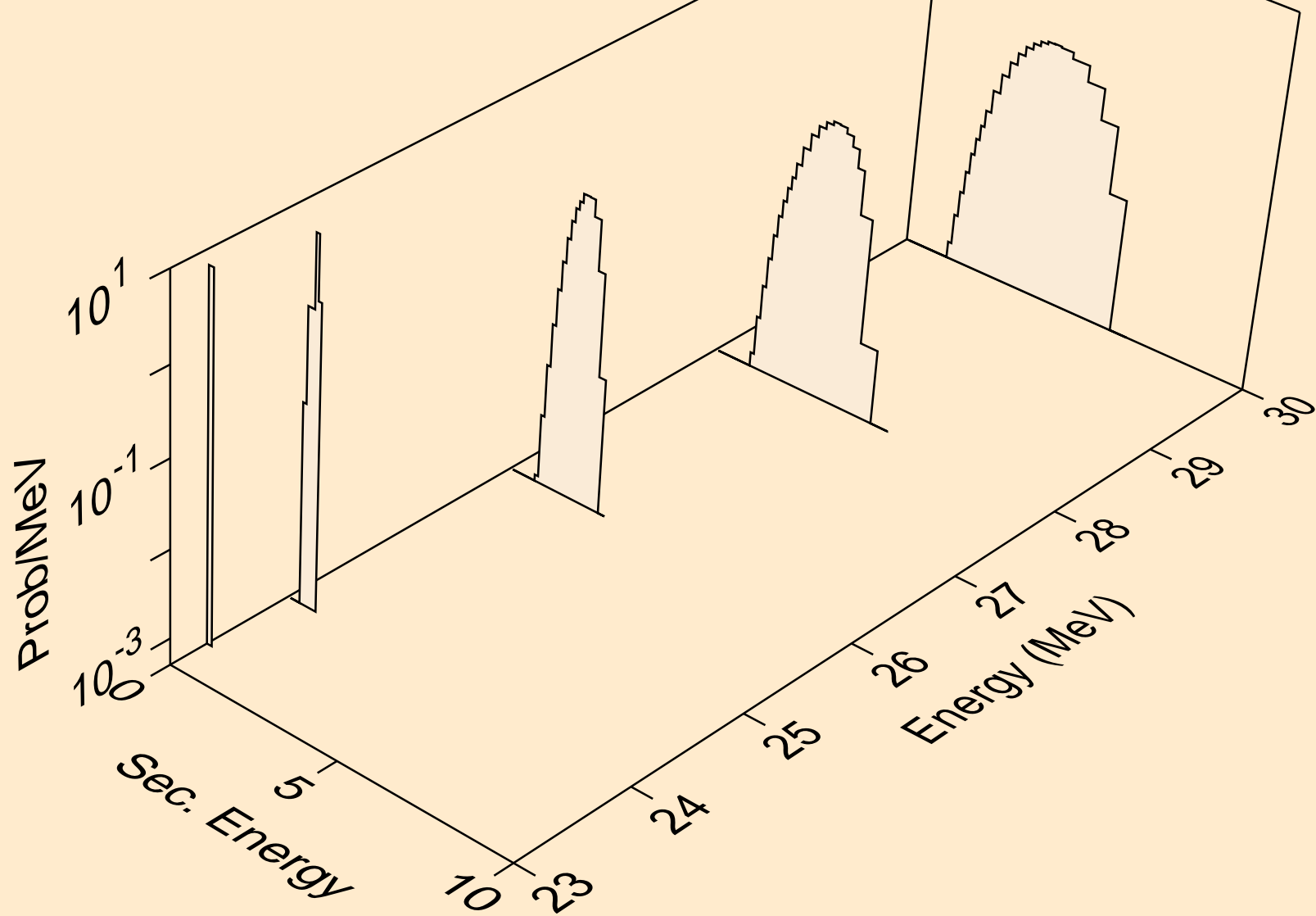
SE077 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,x)



SE077 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,n\*)p

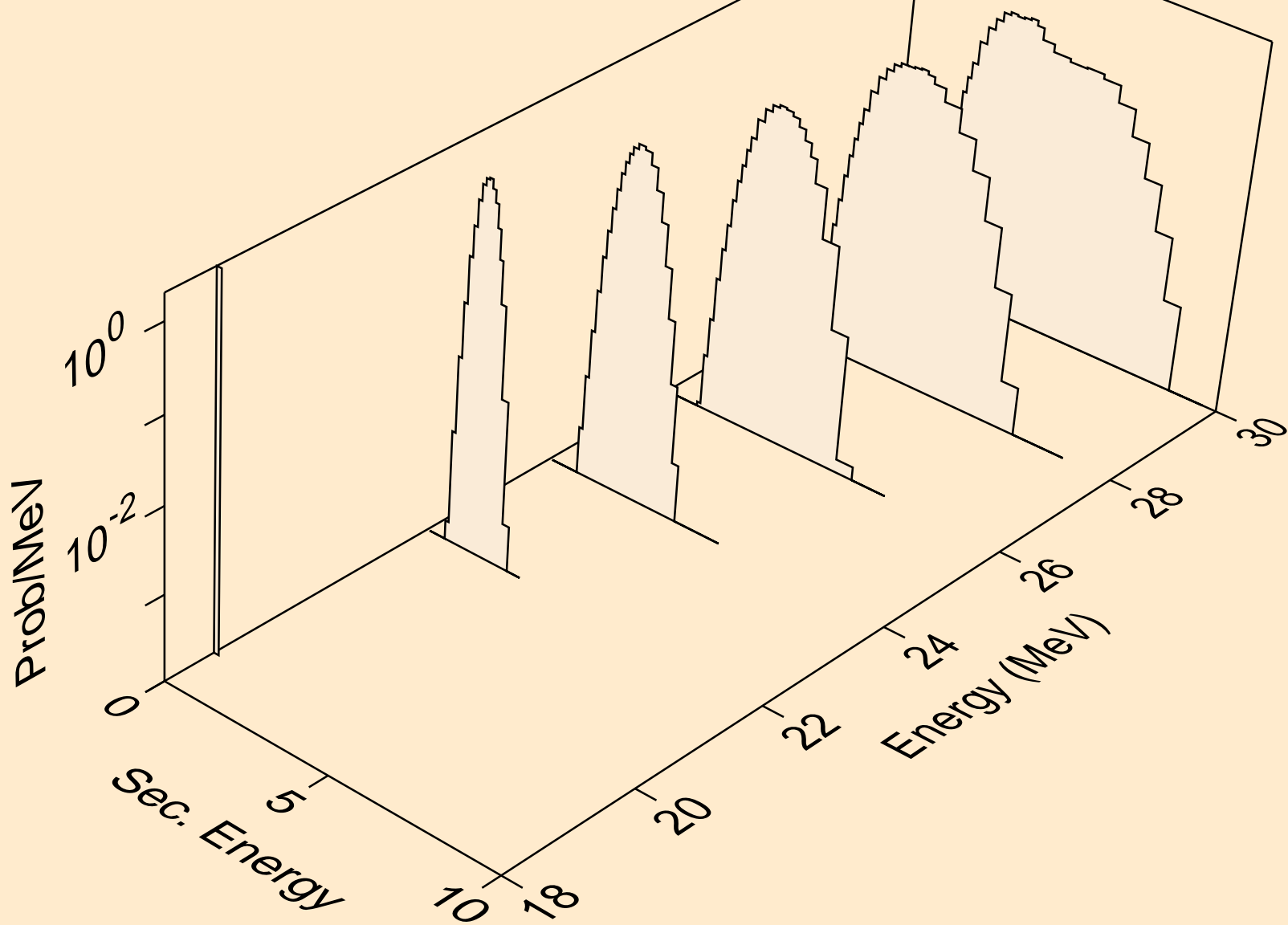


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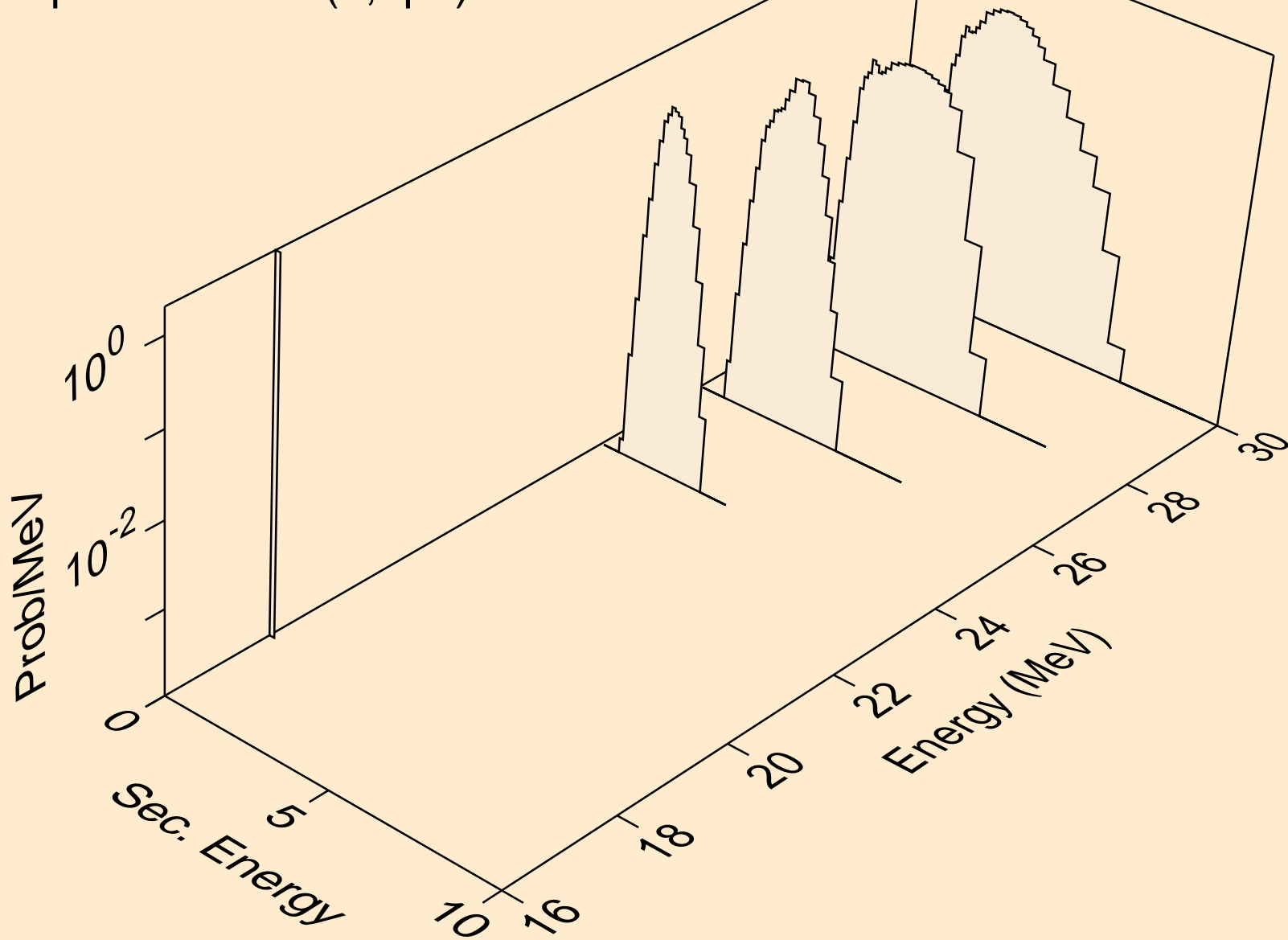




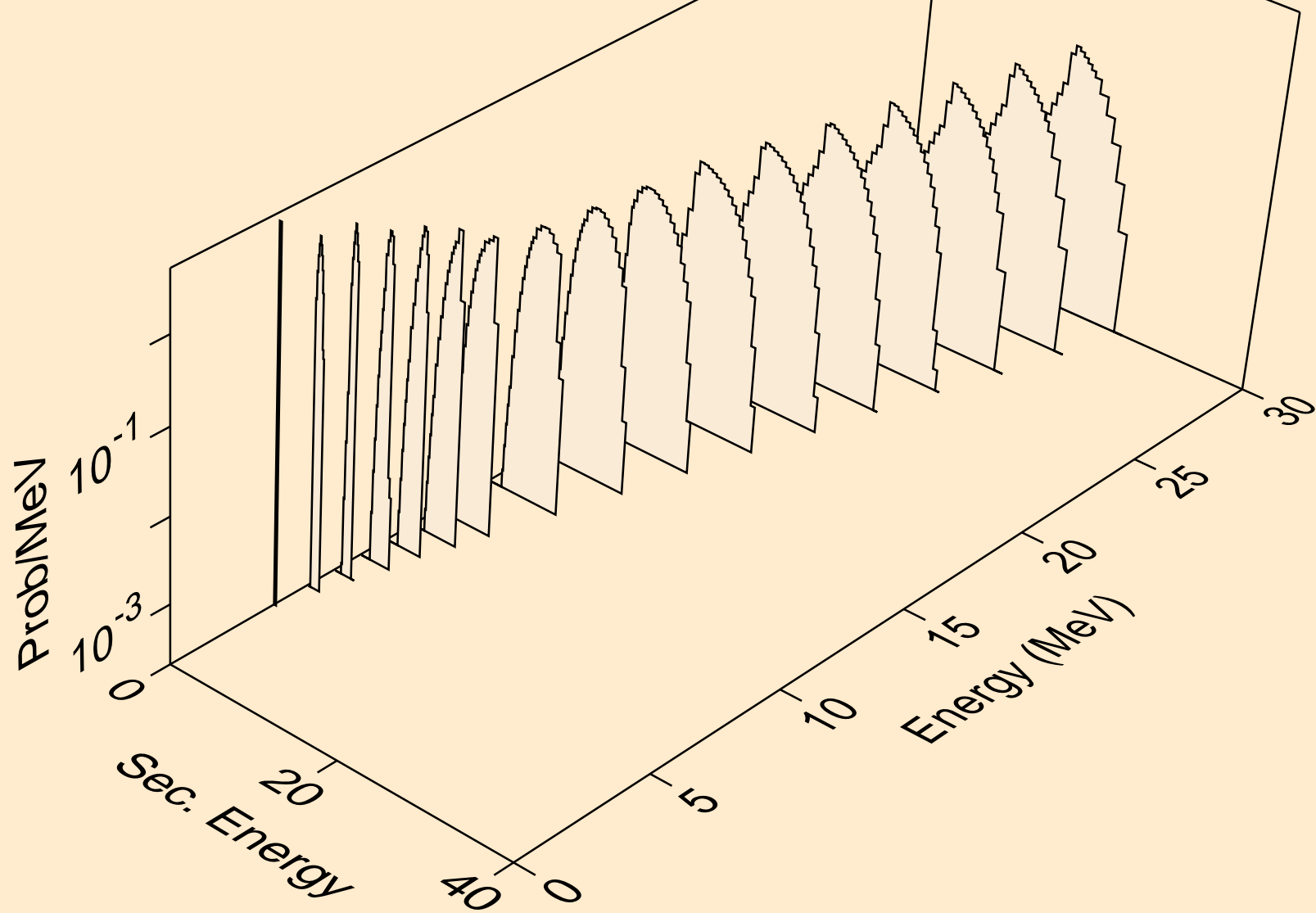
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protons from (a,2np)



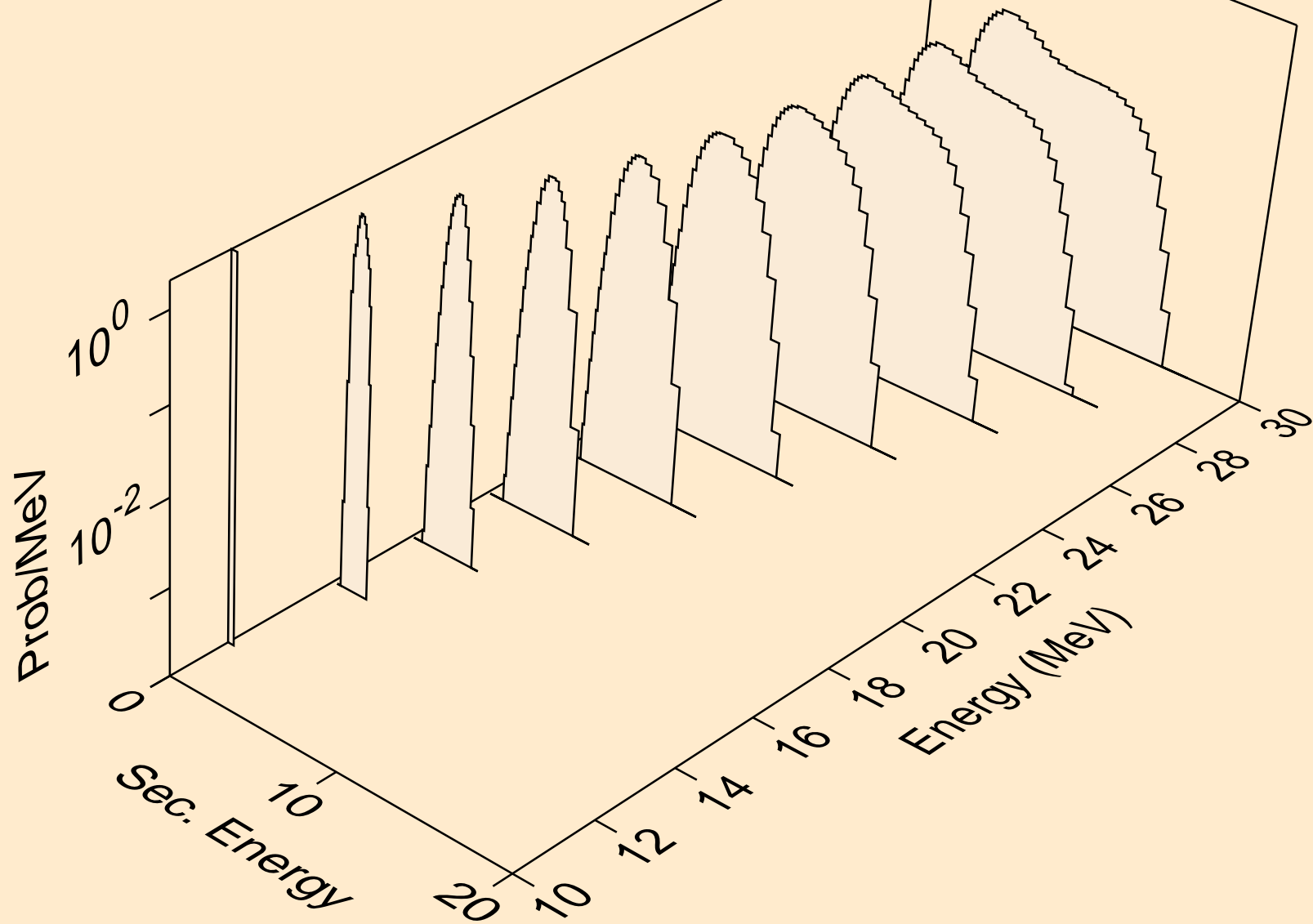
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protons from (a,npa)



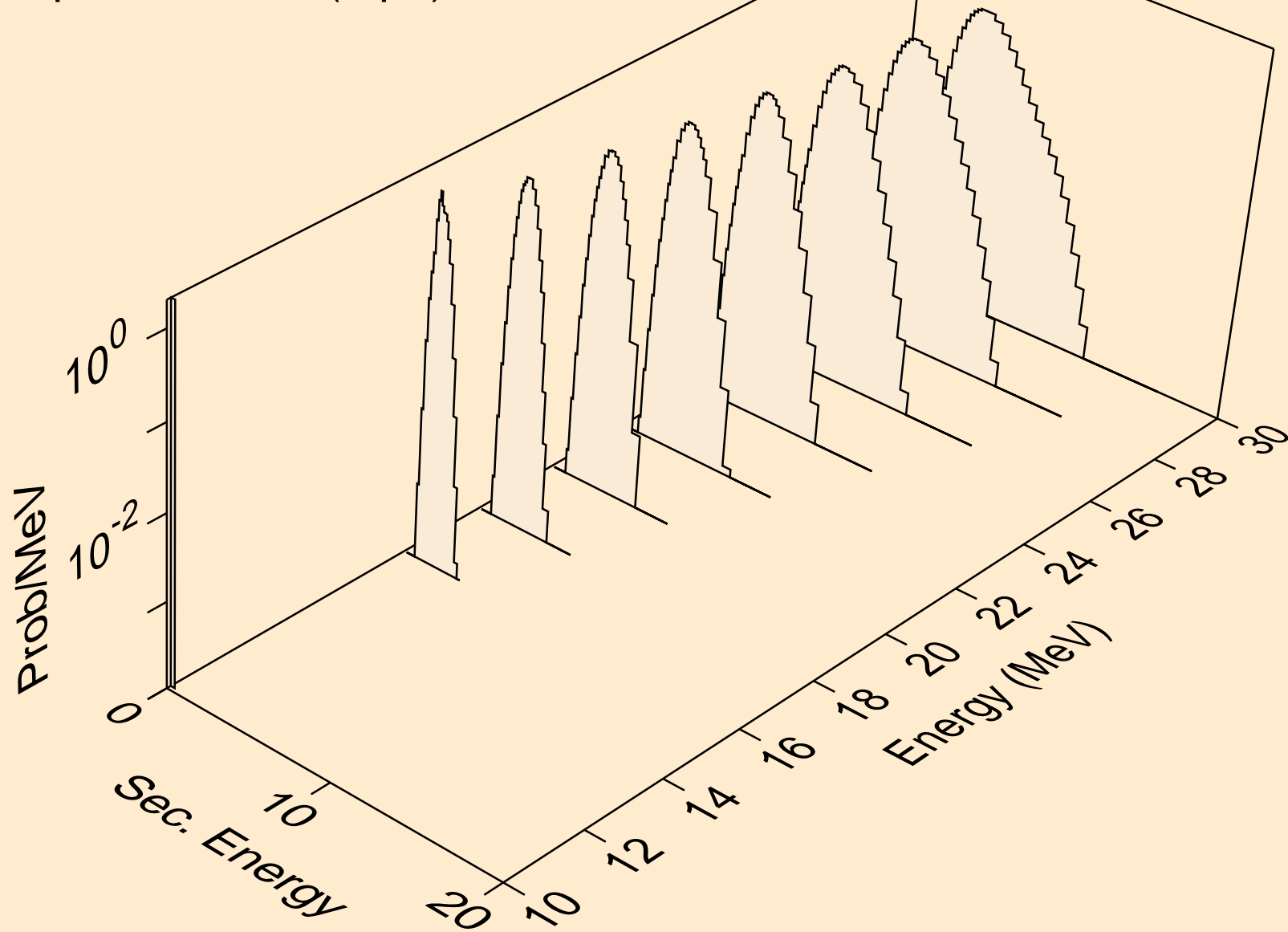
SE077 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,p)



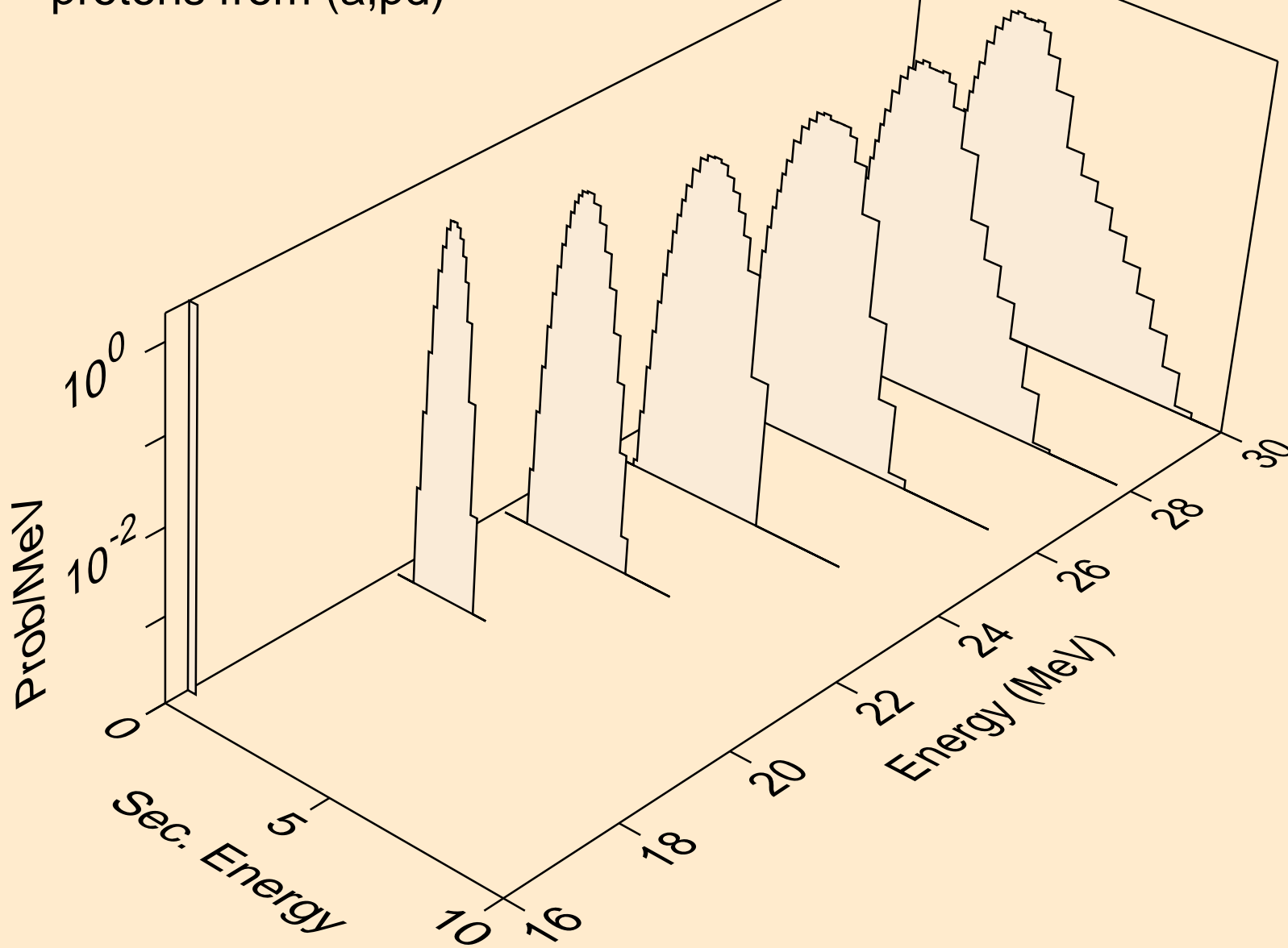
SE077 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,2p)



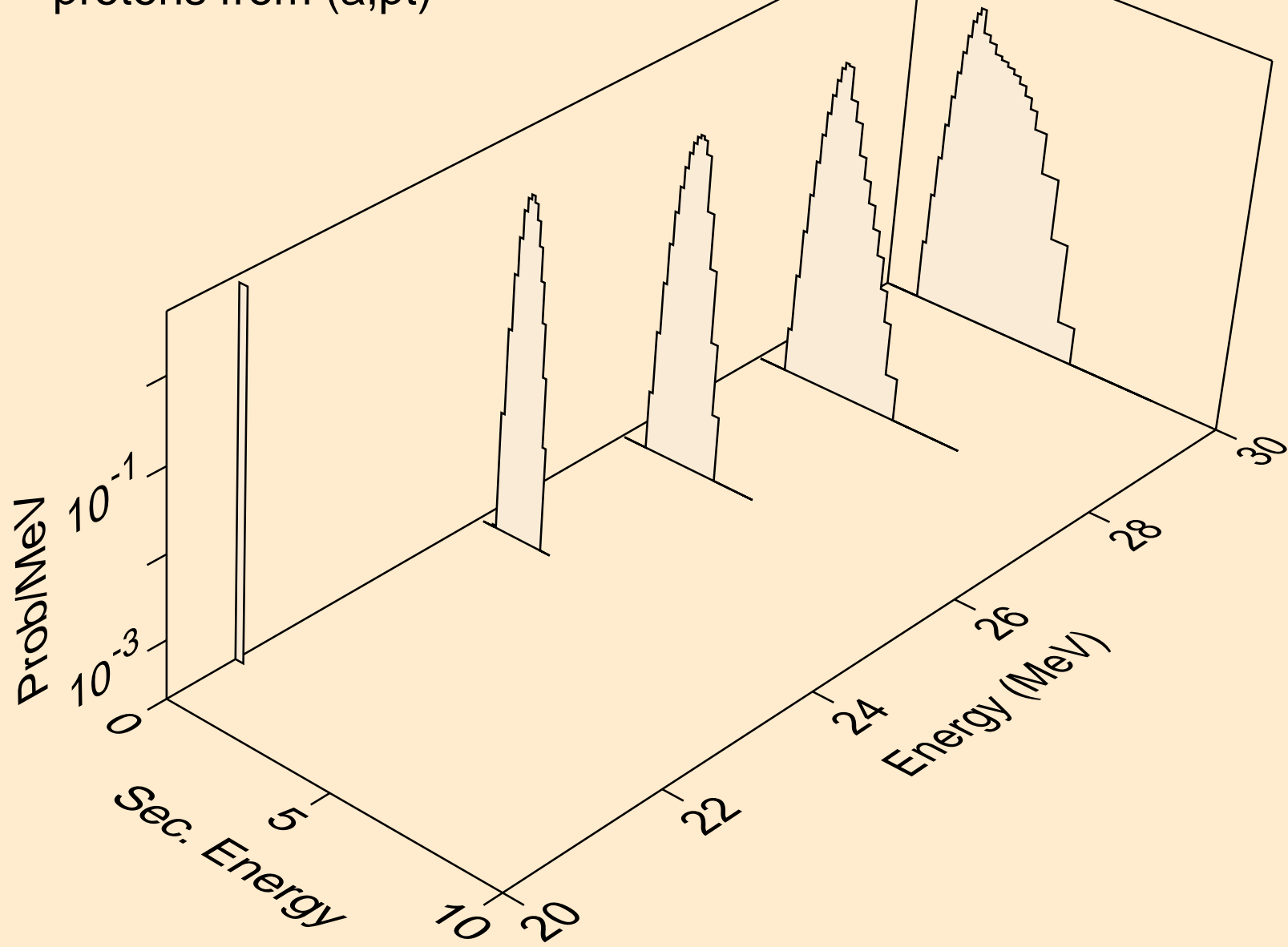
SE077 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,pa)



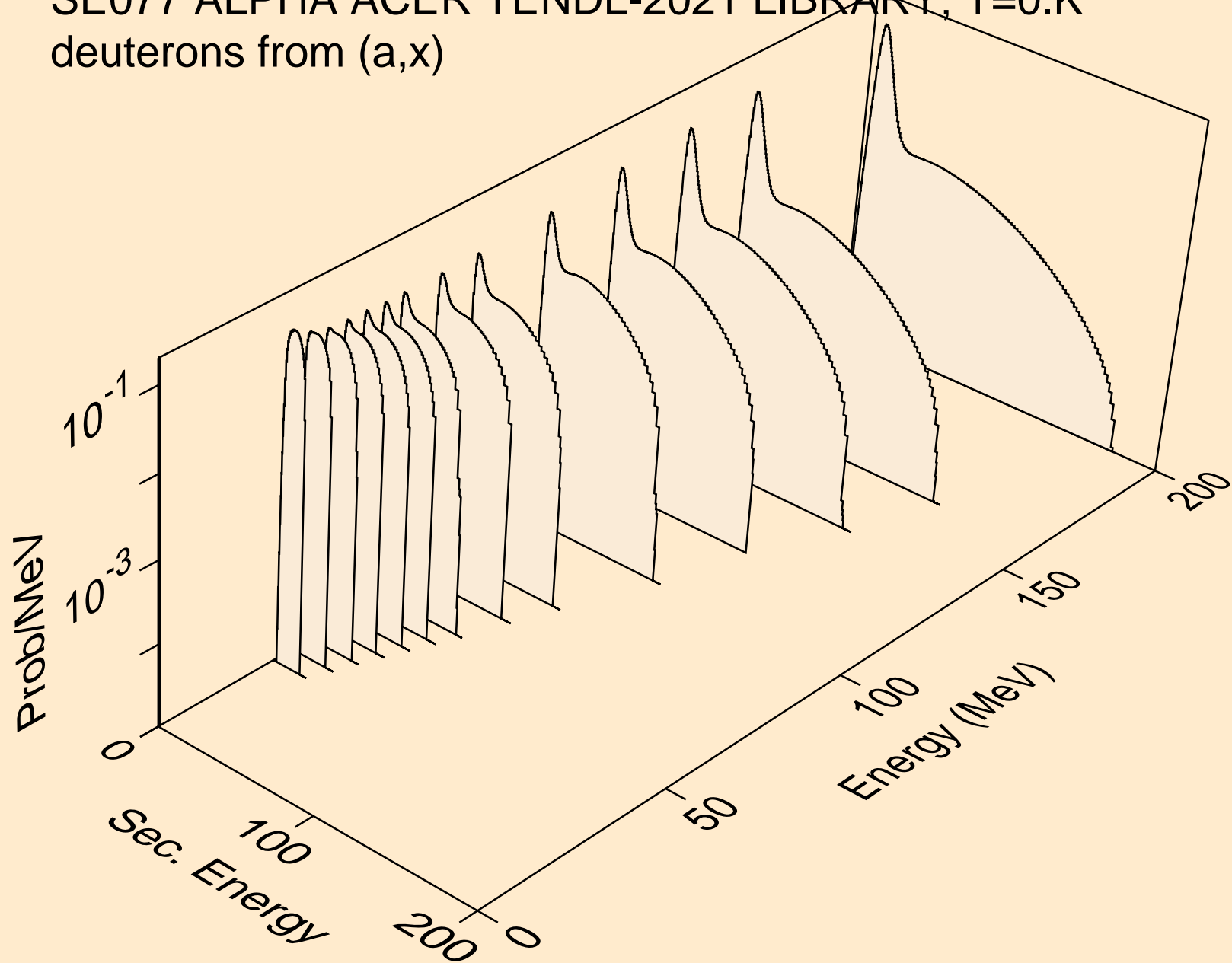
SE077 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,pd)



SE077 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,pt)

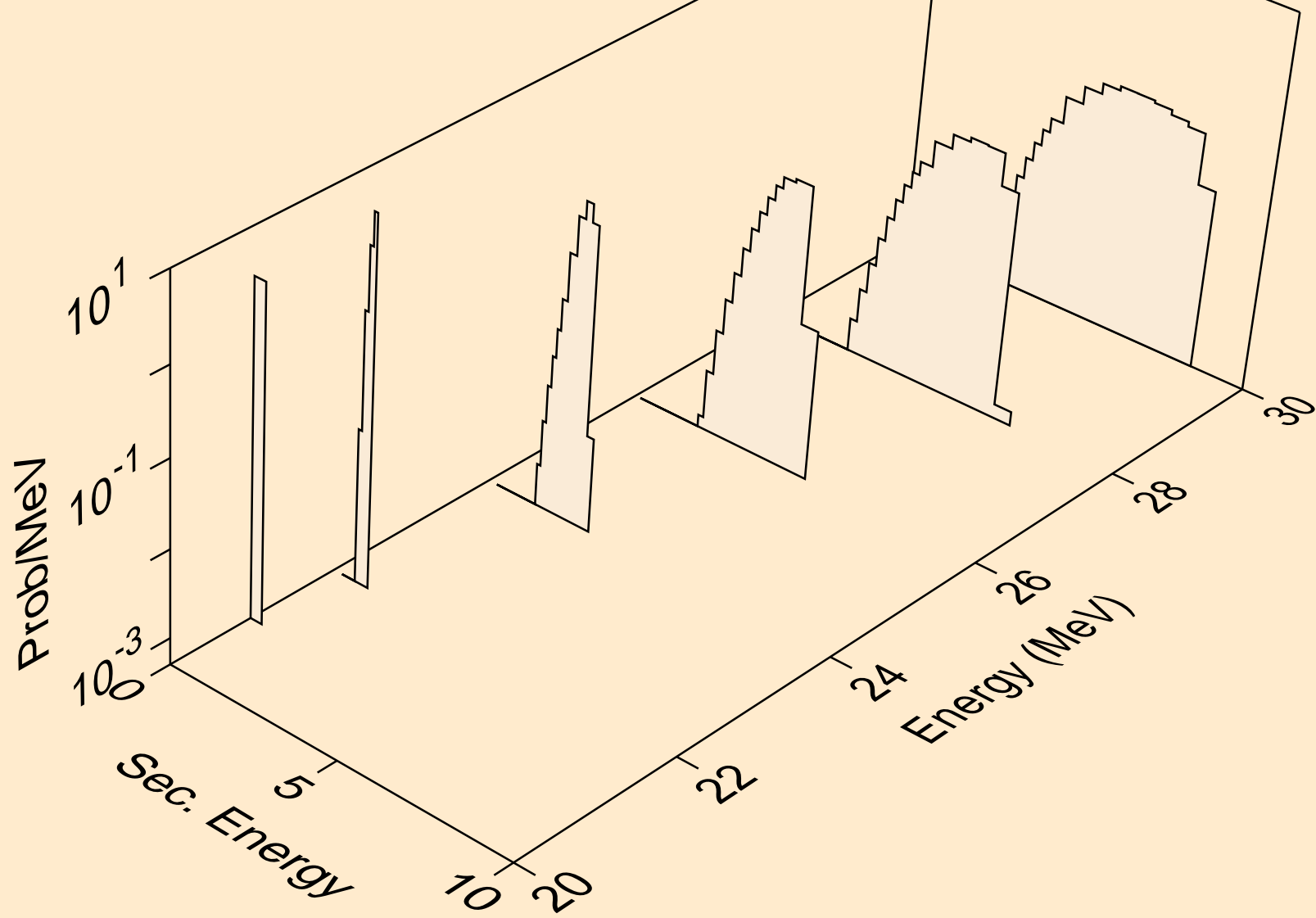


SE077 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,x)

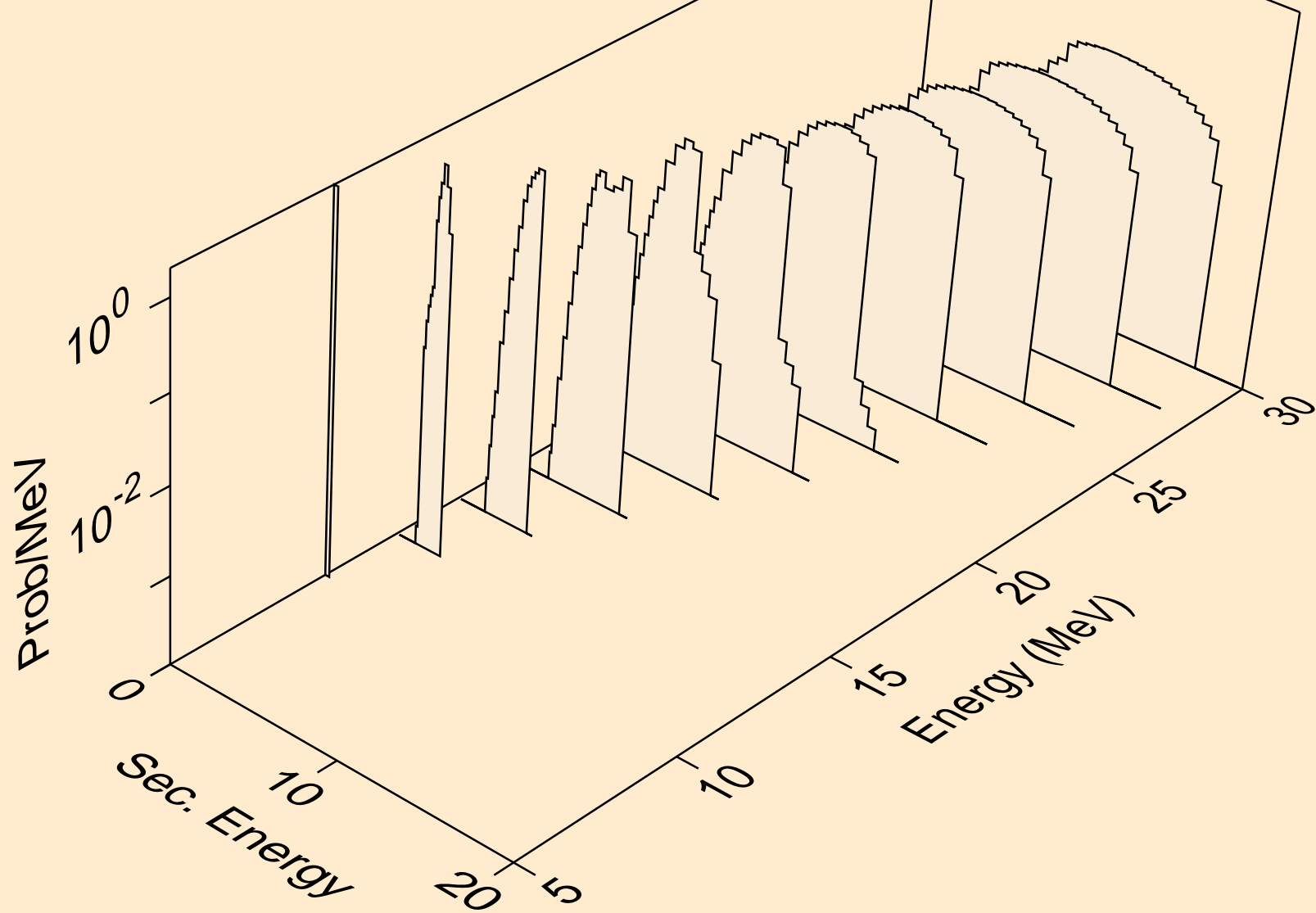




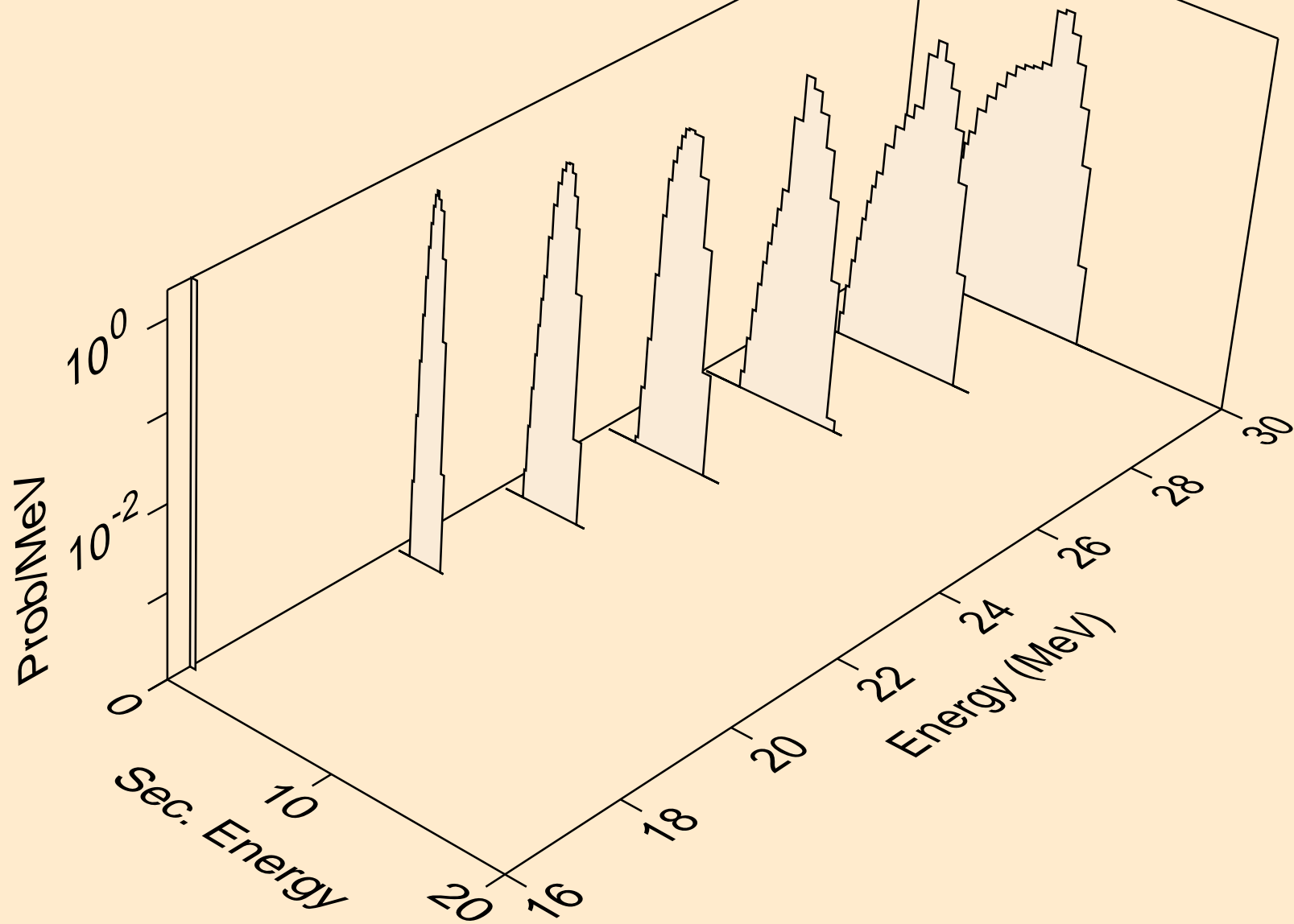
SE077 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,n\*)d



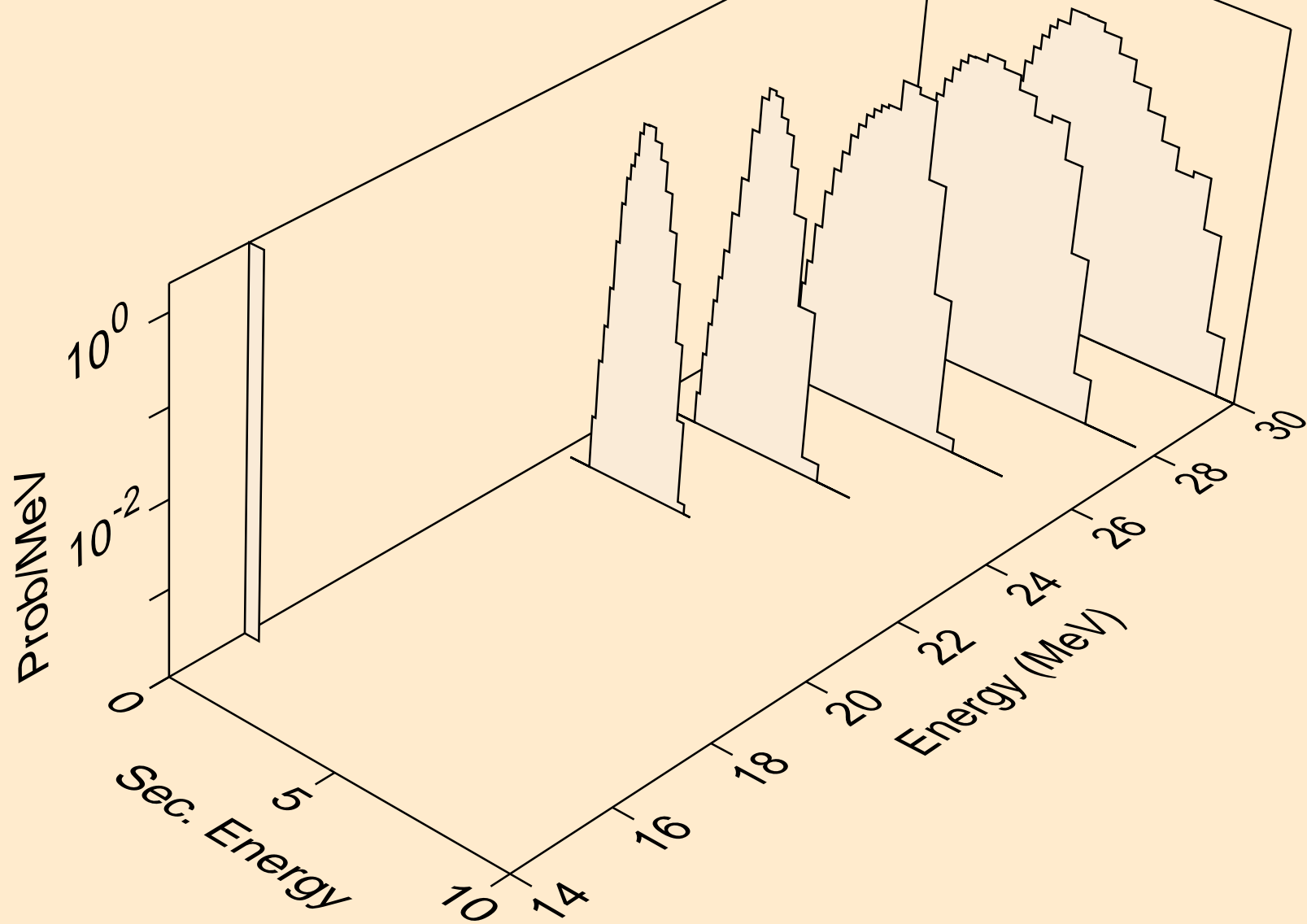
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deuterons from (a,d)



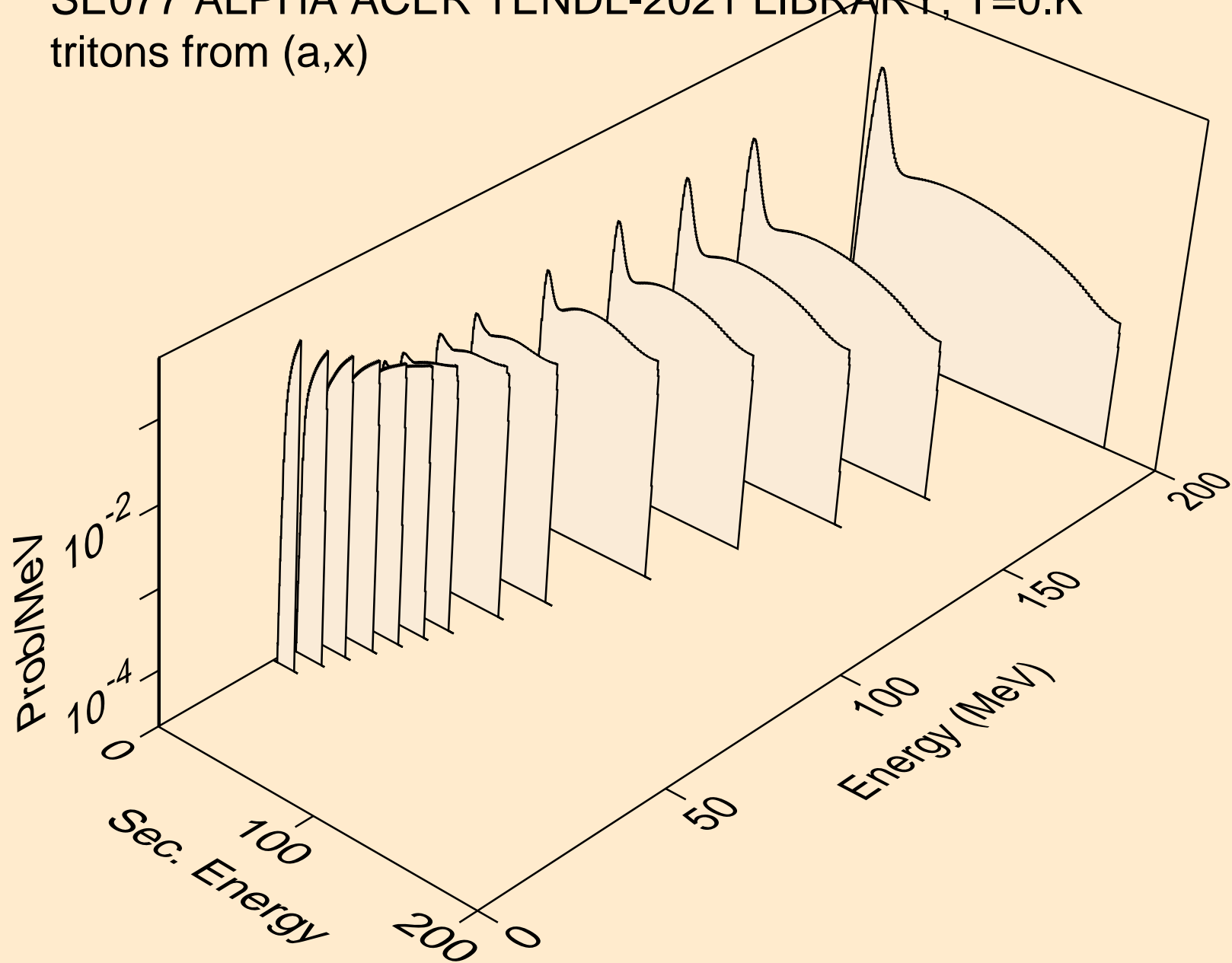
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deuterons from (a,pd)



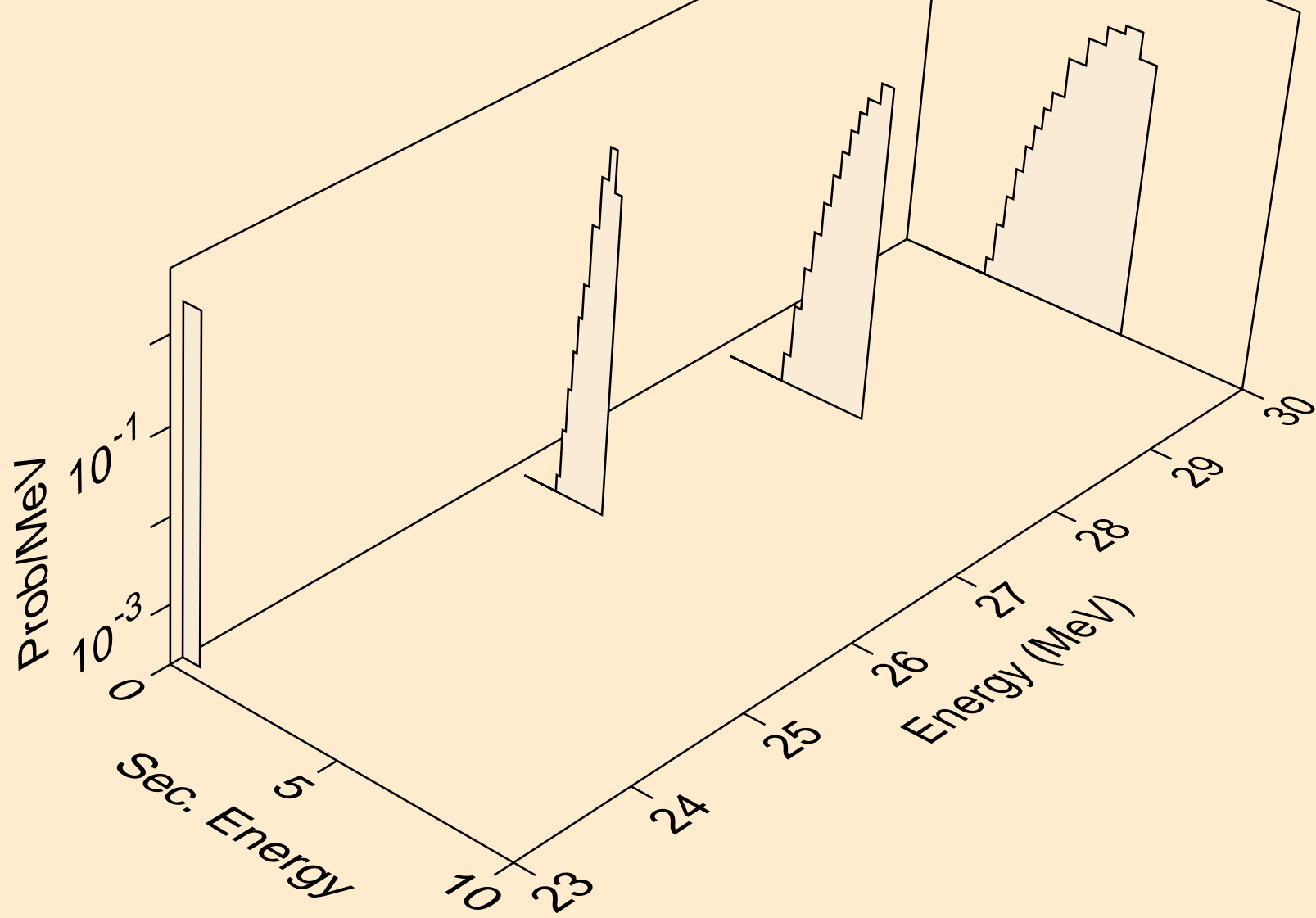
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deuterons from (a,da)



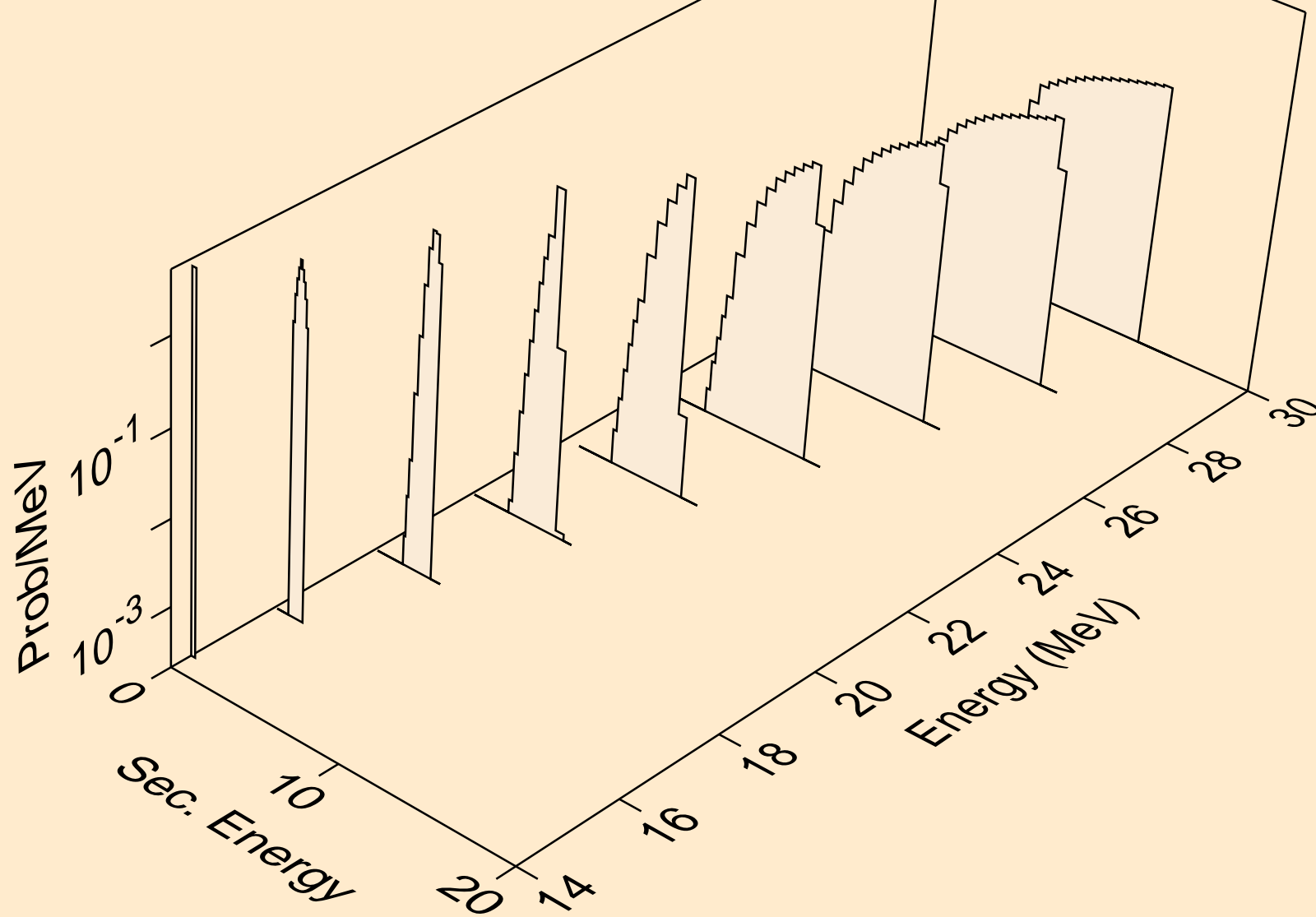
SE077 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,x)



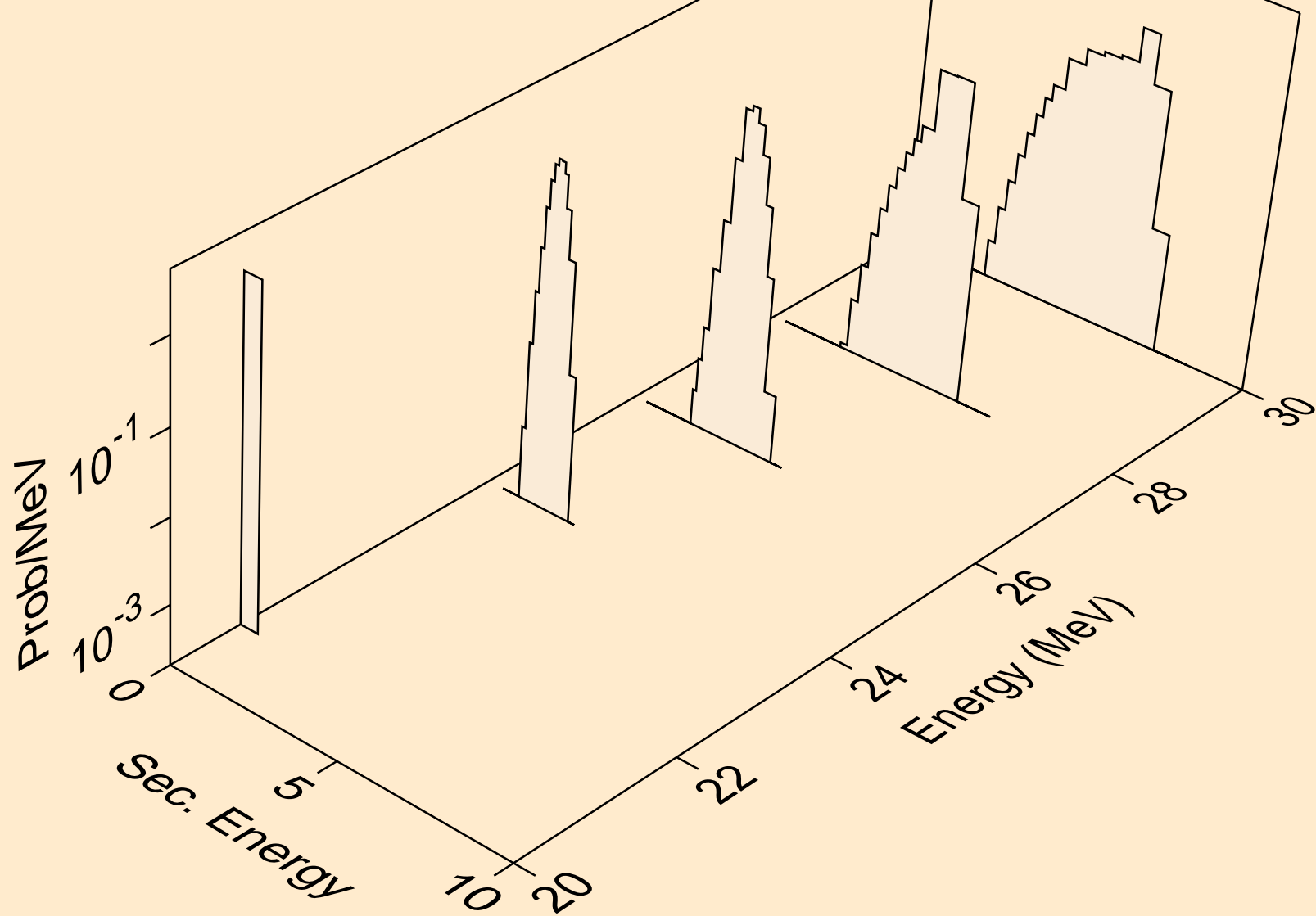
SE077 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,n\*)t



SE077 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,t)

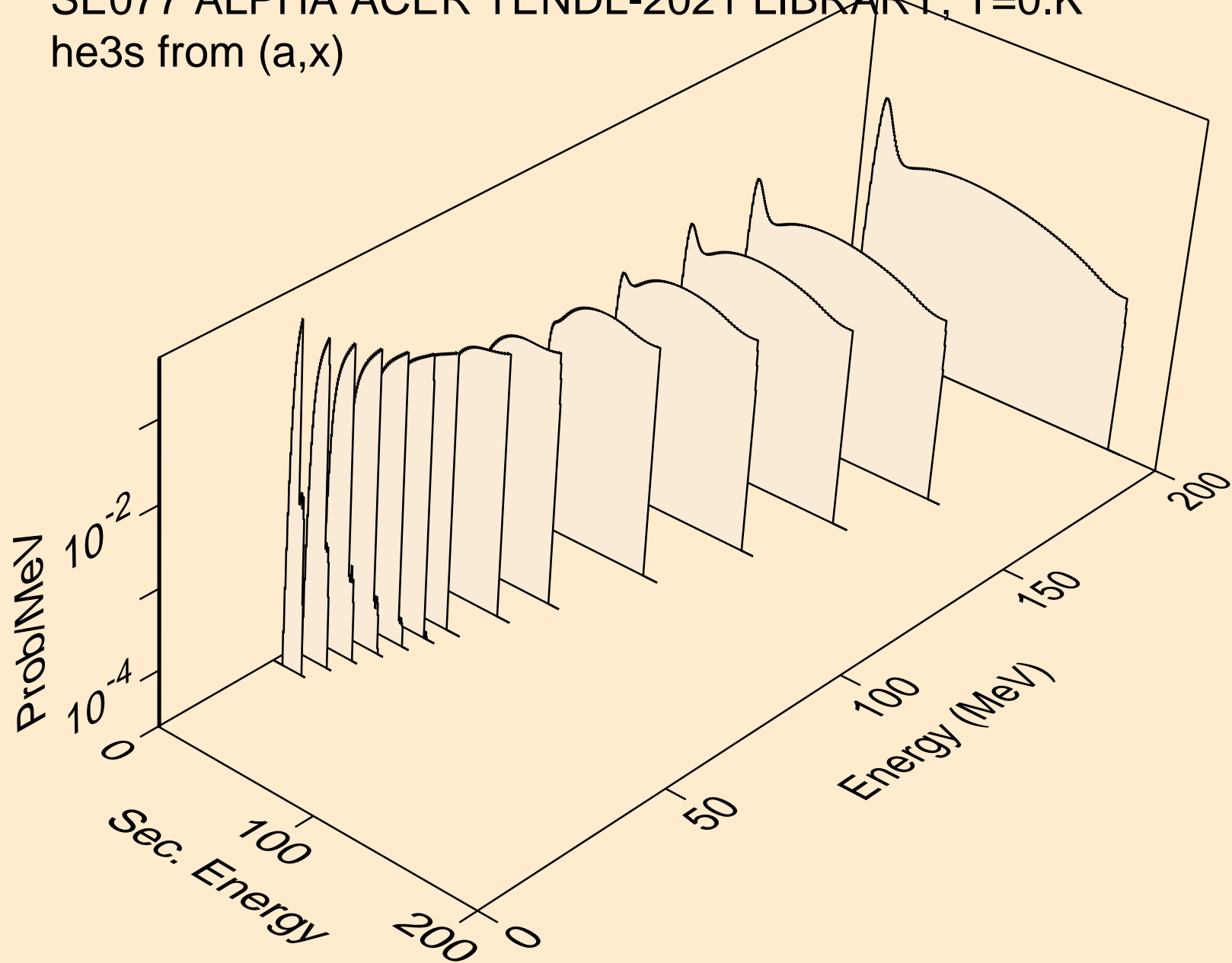


SE077 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,pt)

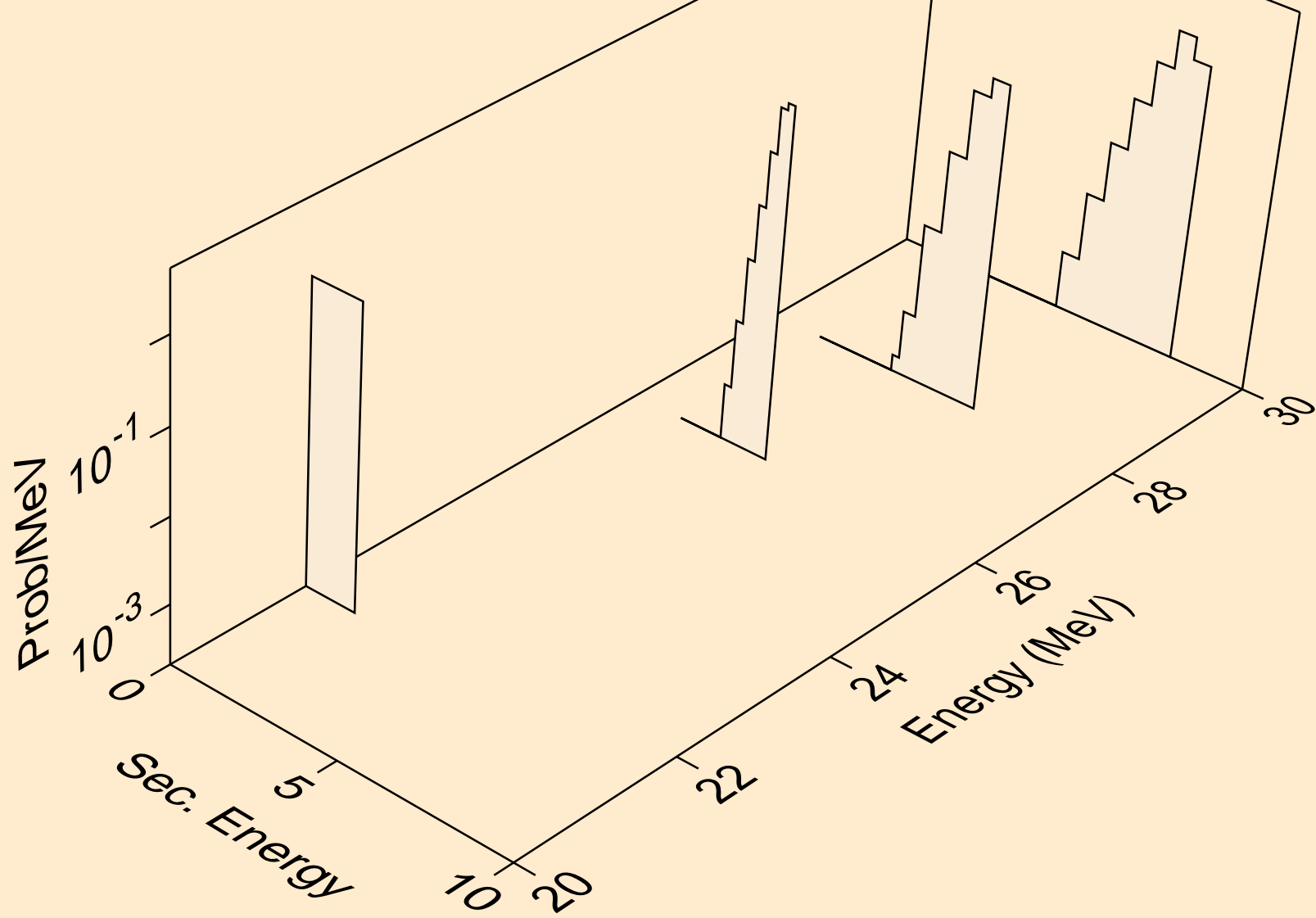




SE077 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,x)



SE077 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,n\*)he3



SE077 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,he3)

