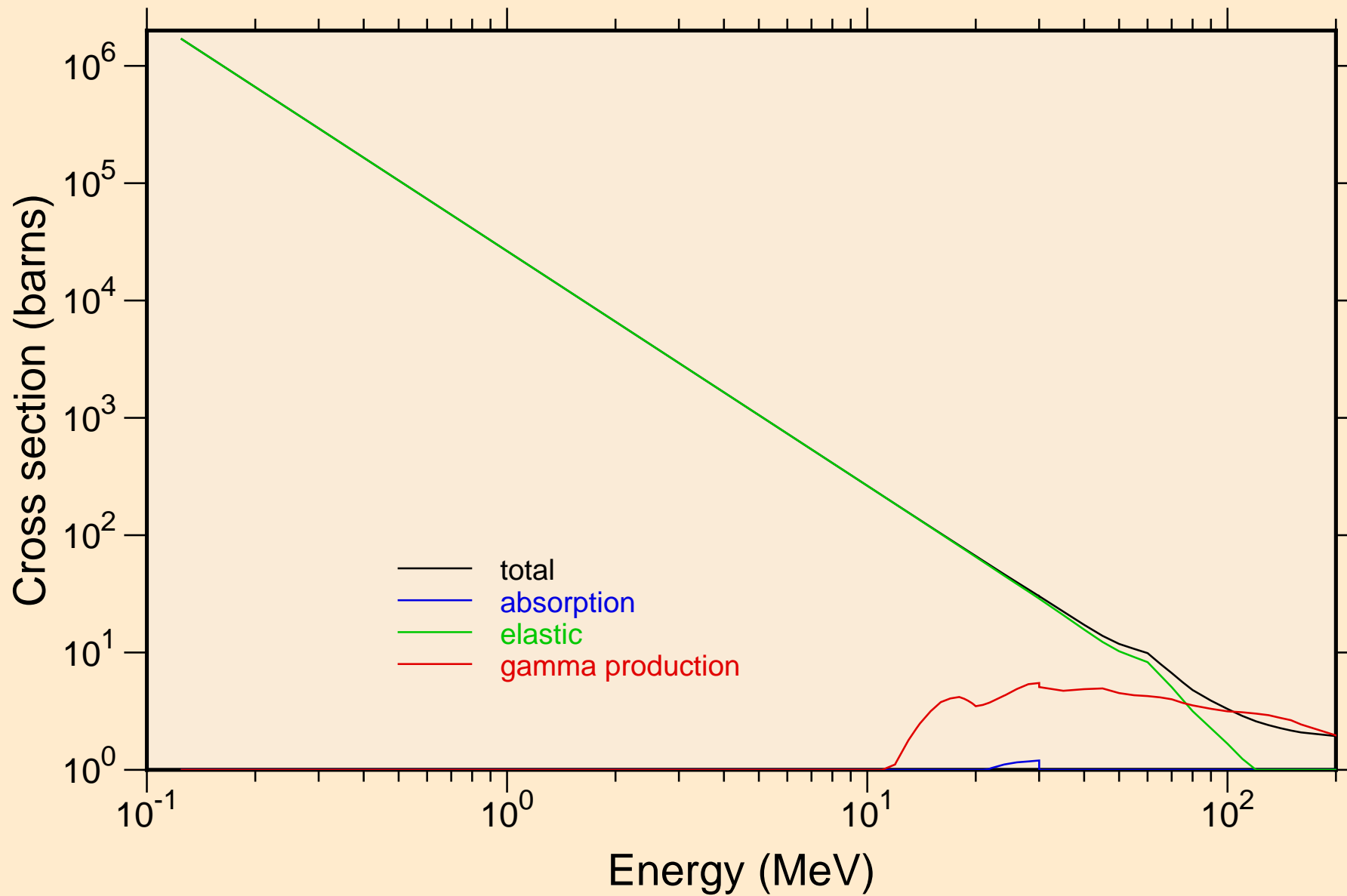
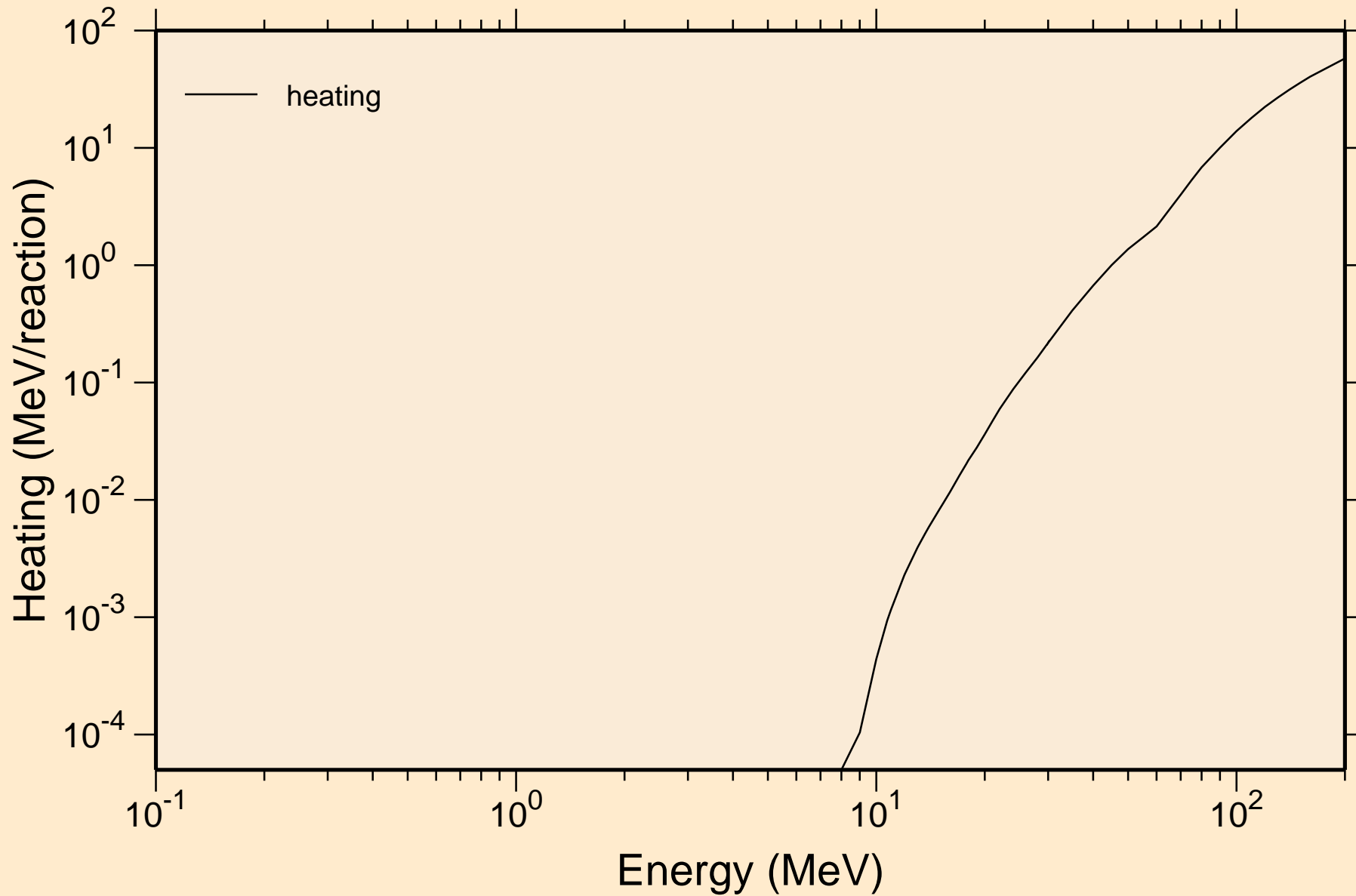


GA069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections



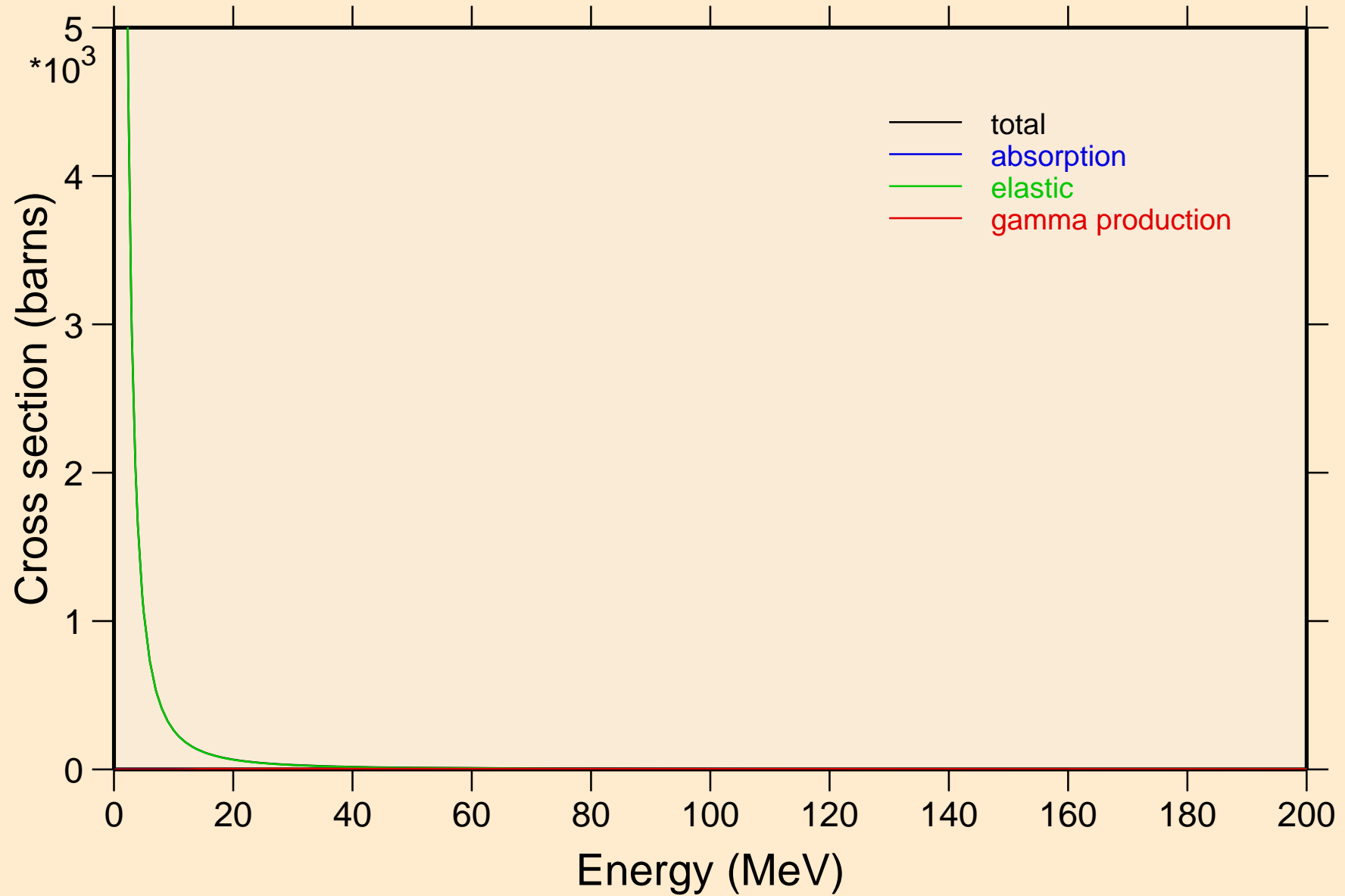
GA069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Heating



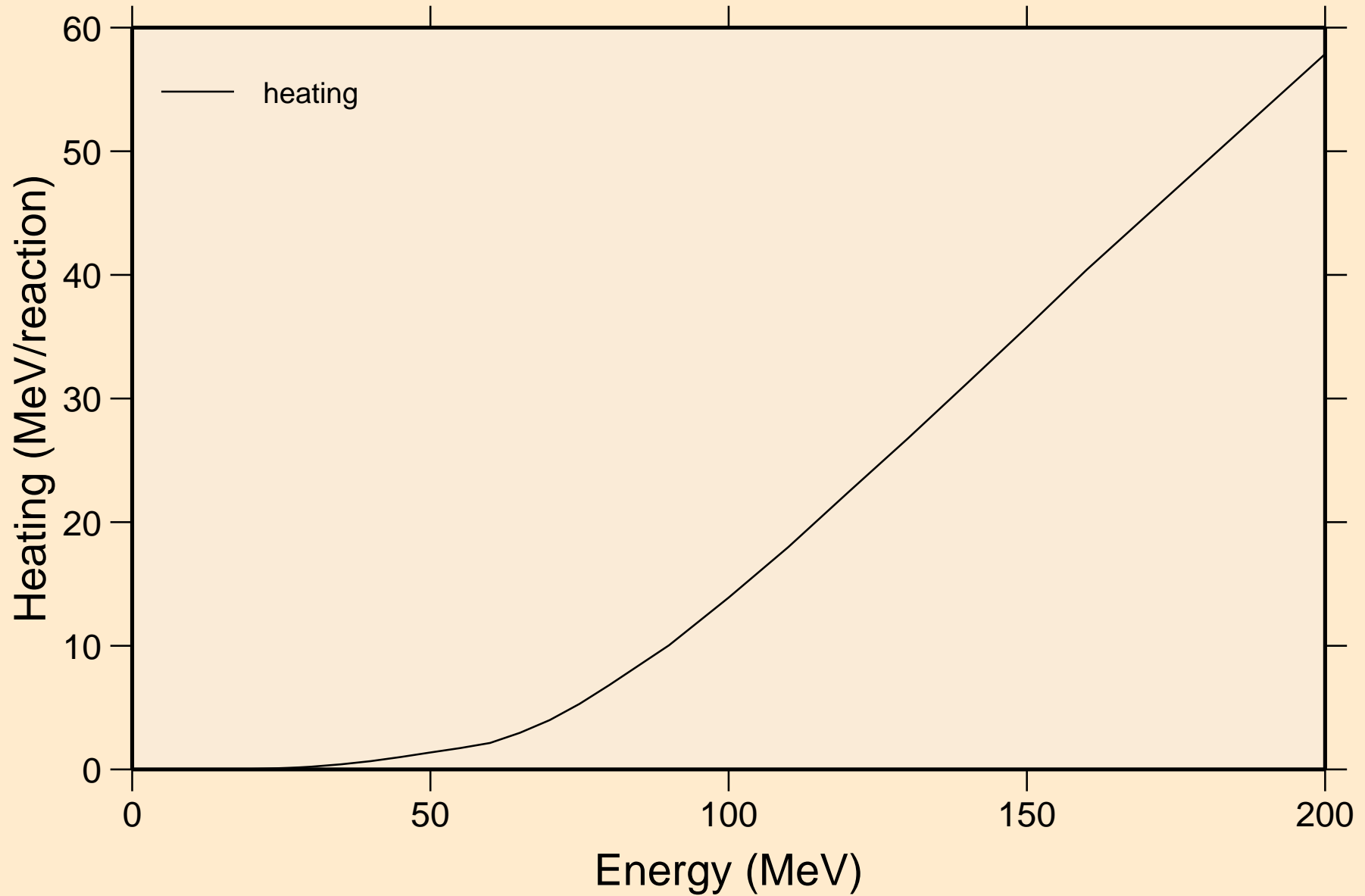
# GA069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

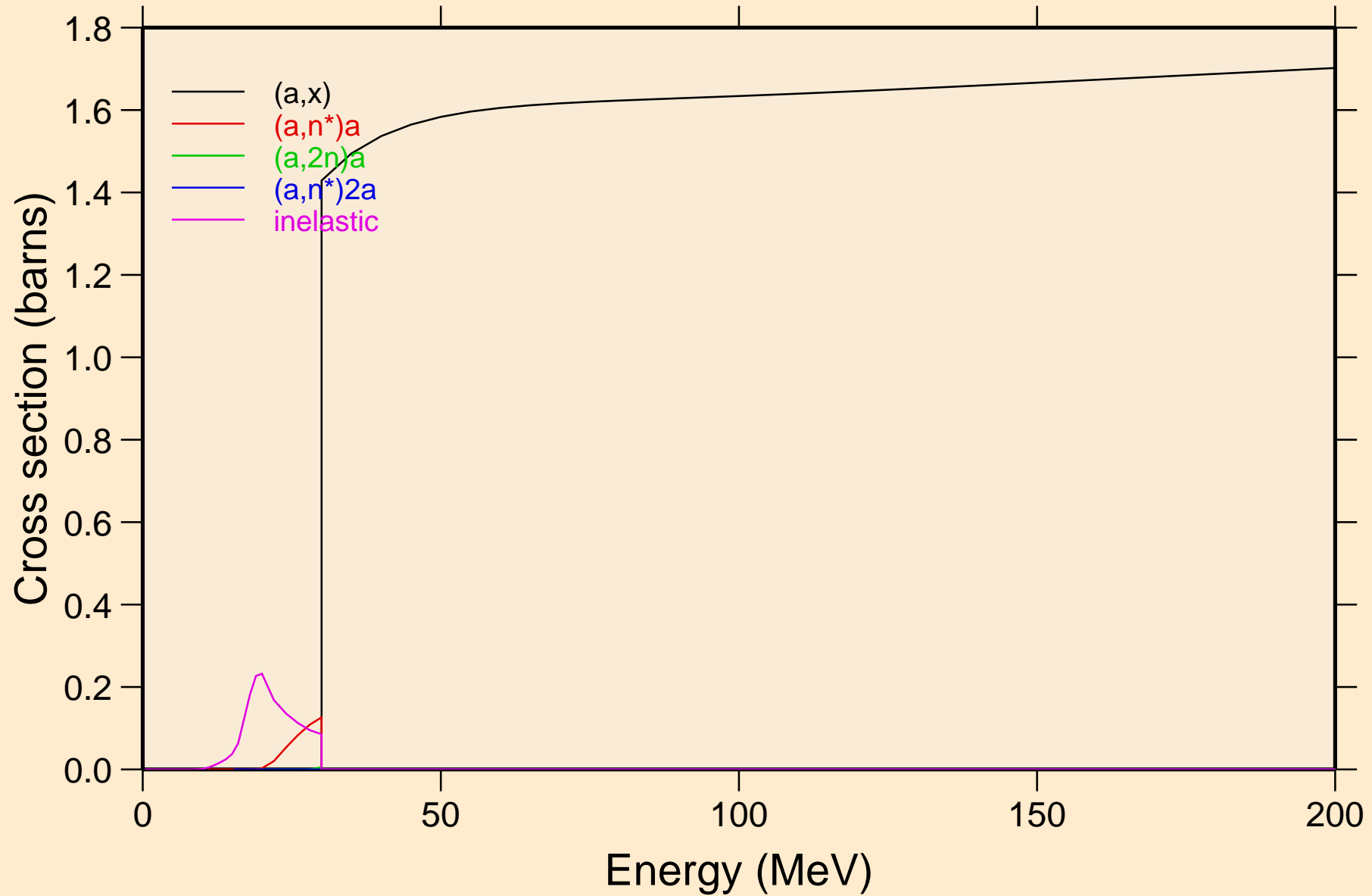


GA069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

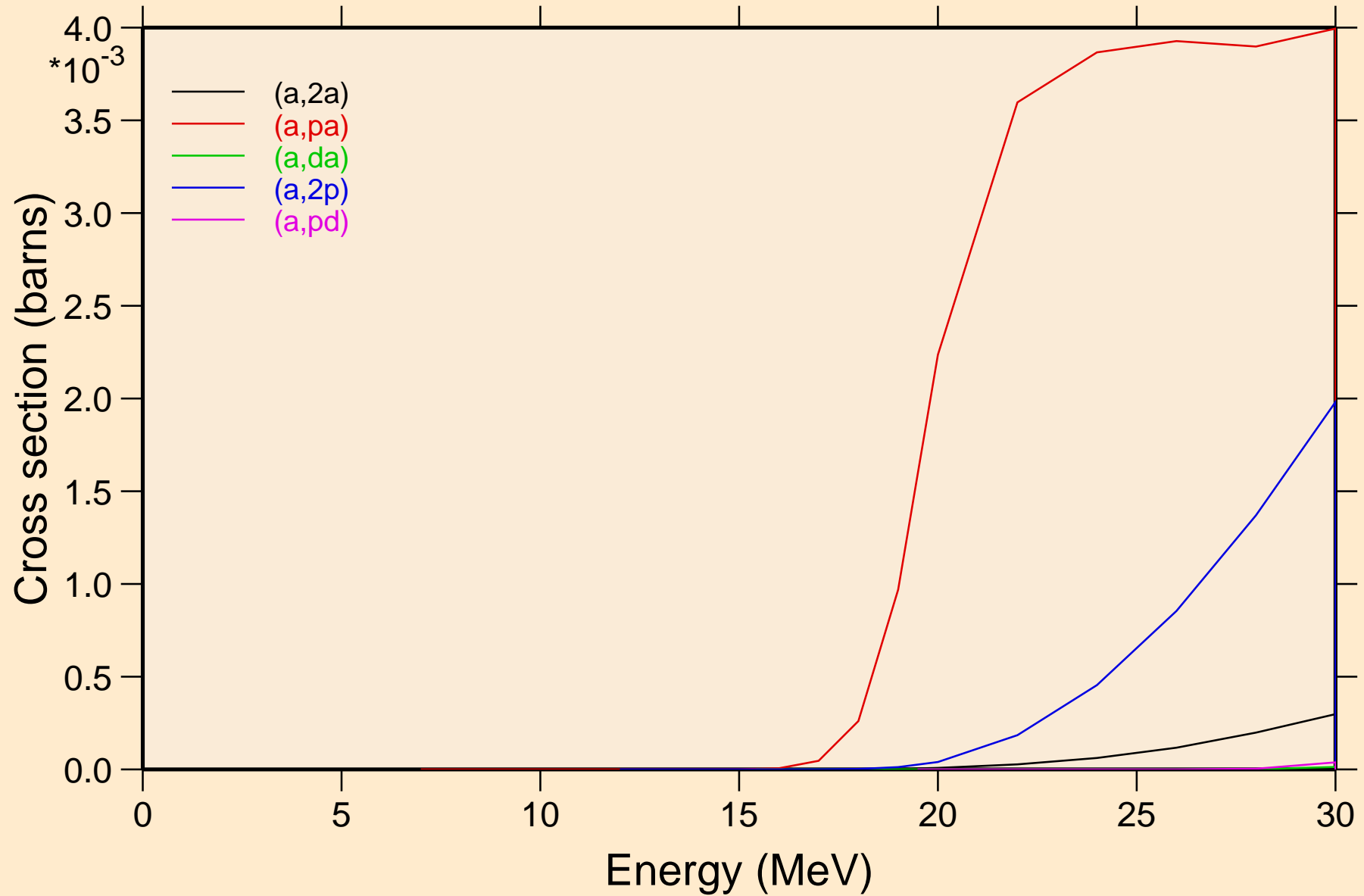
Heating



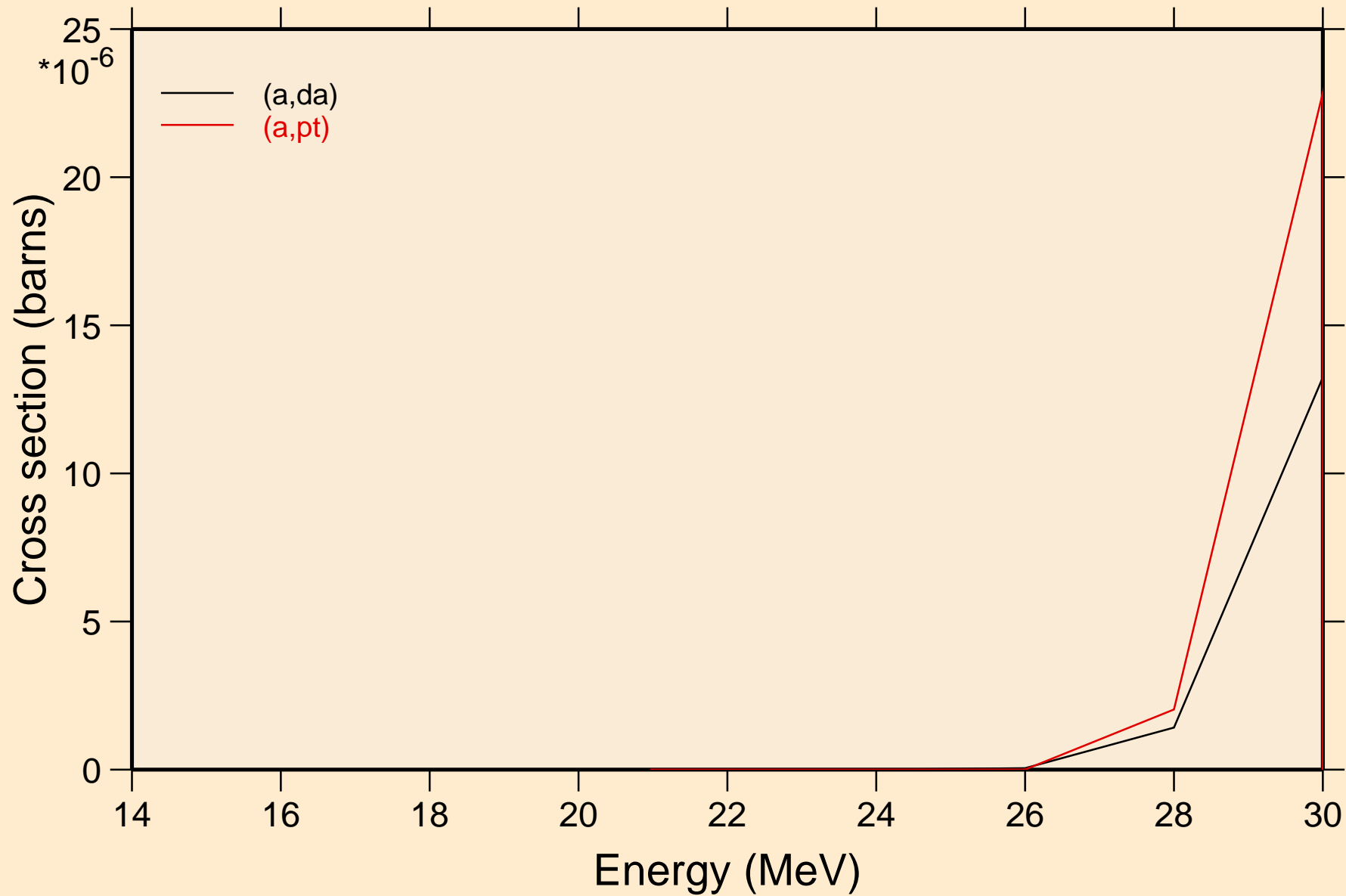
GA069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



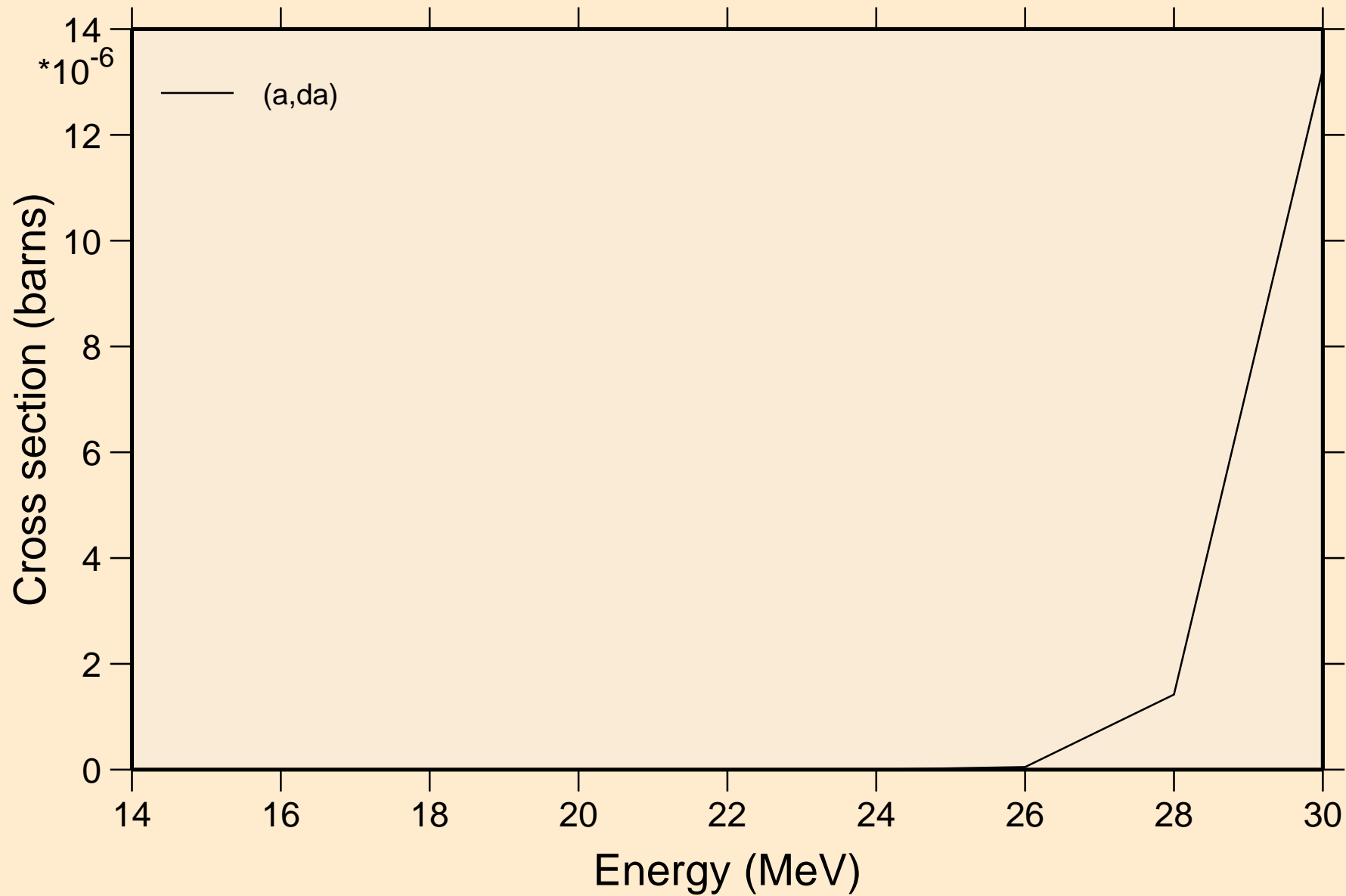
GA069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



GA069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

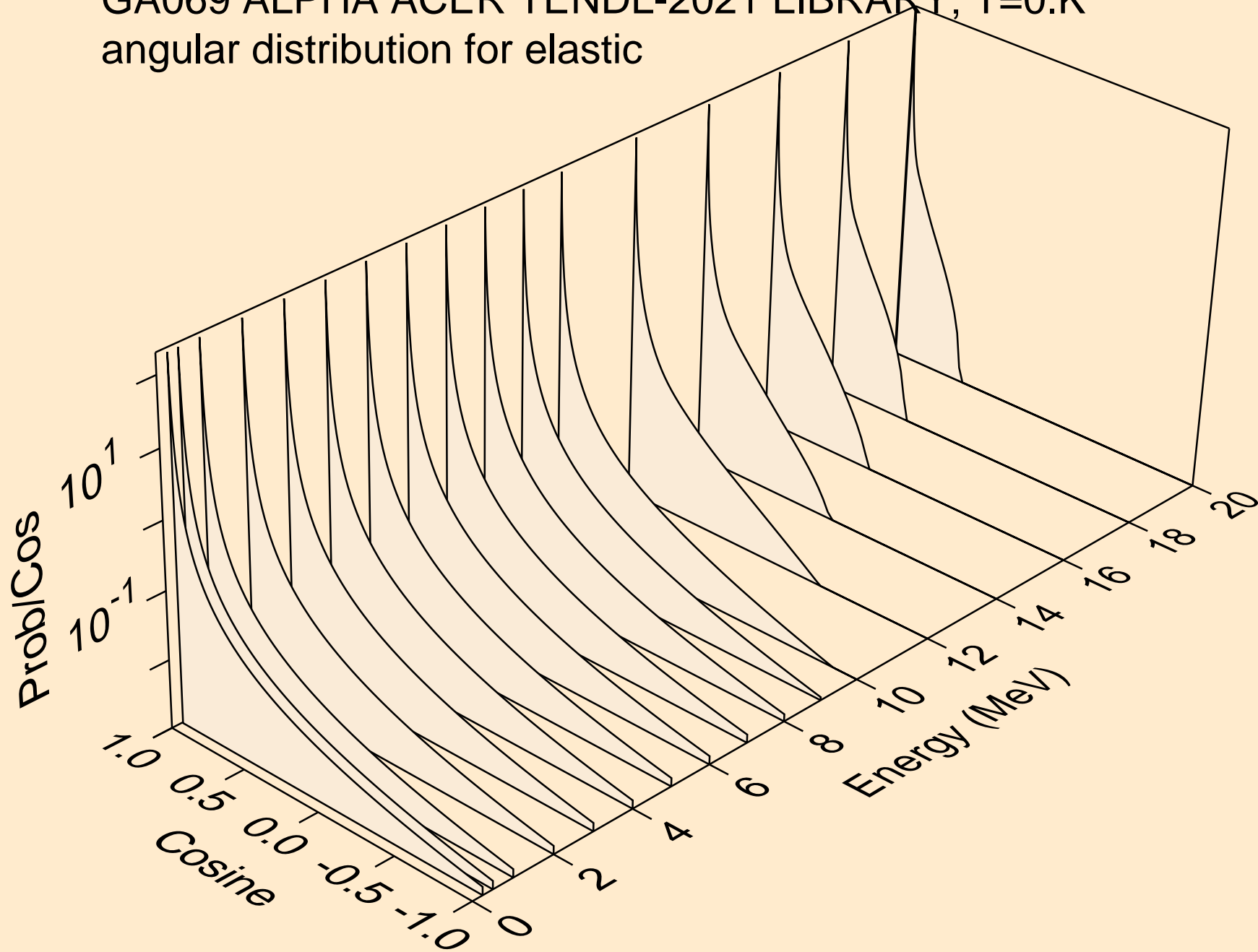


GA069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

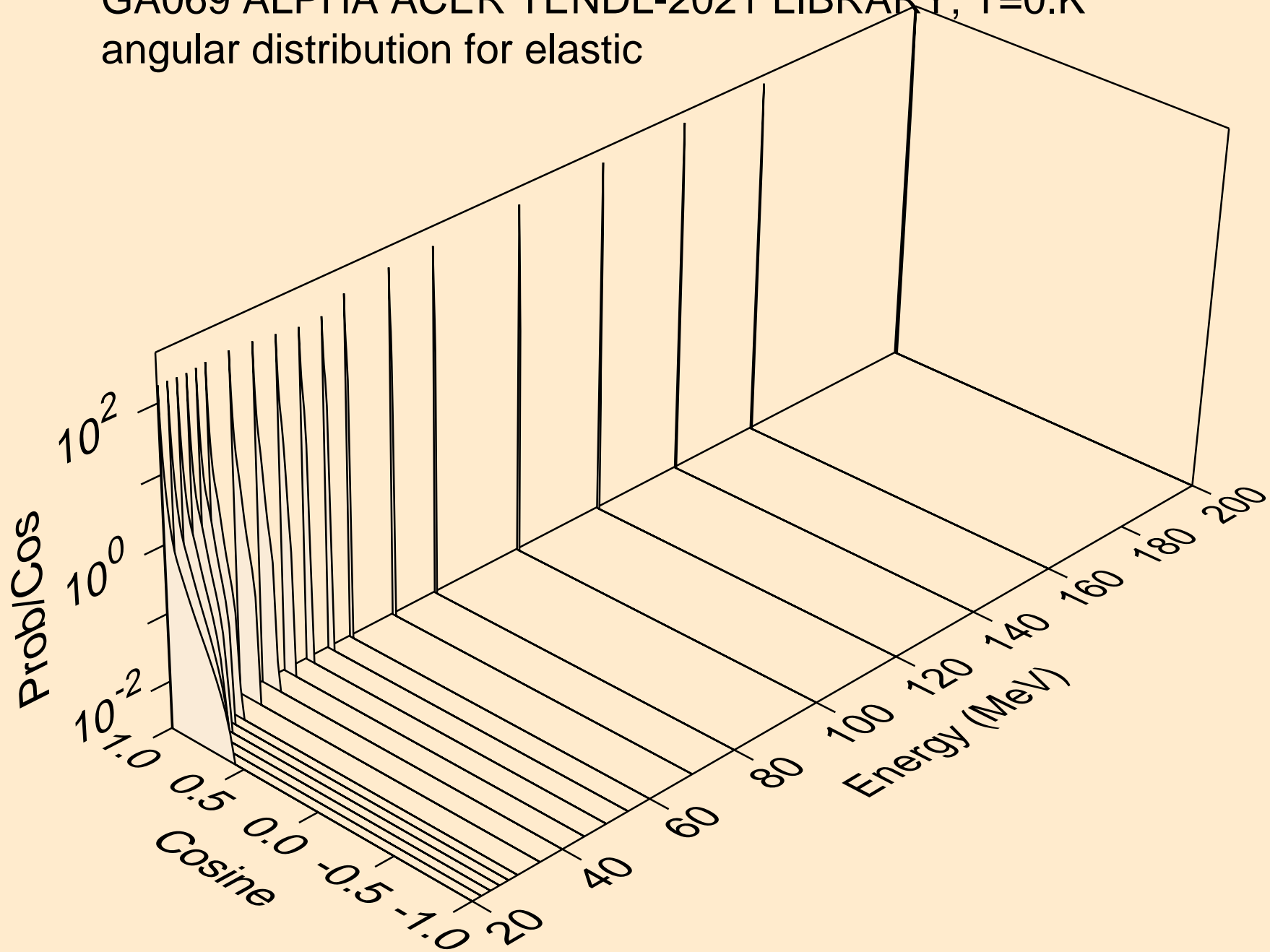




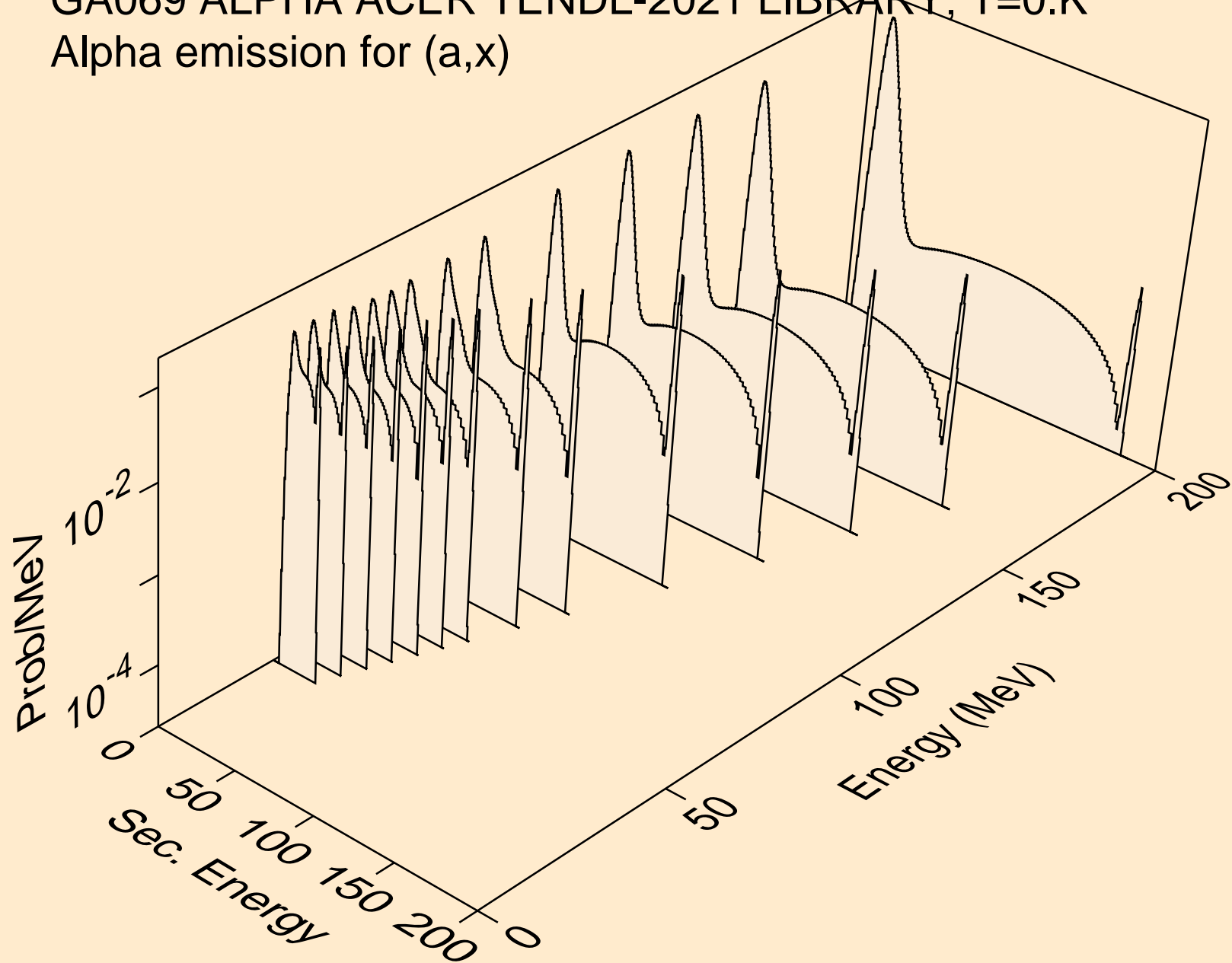
GA069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



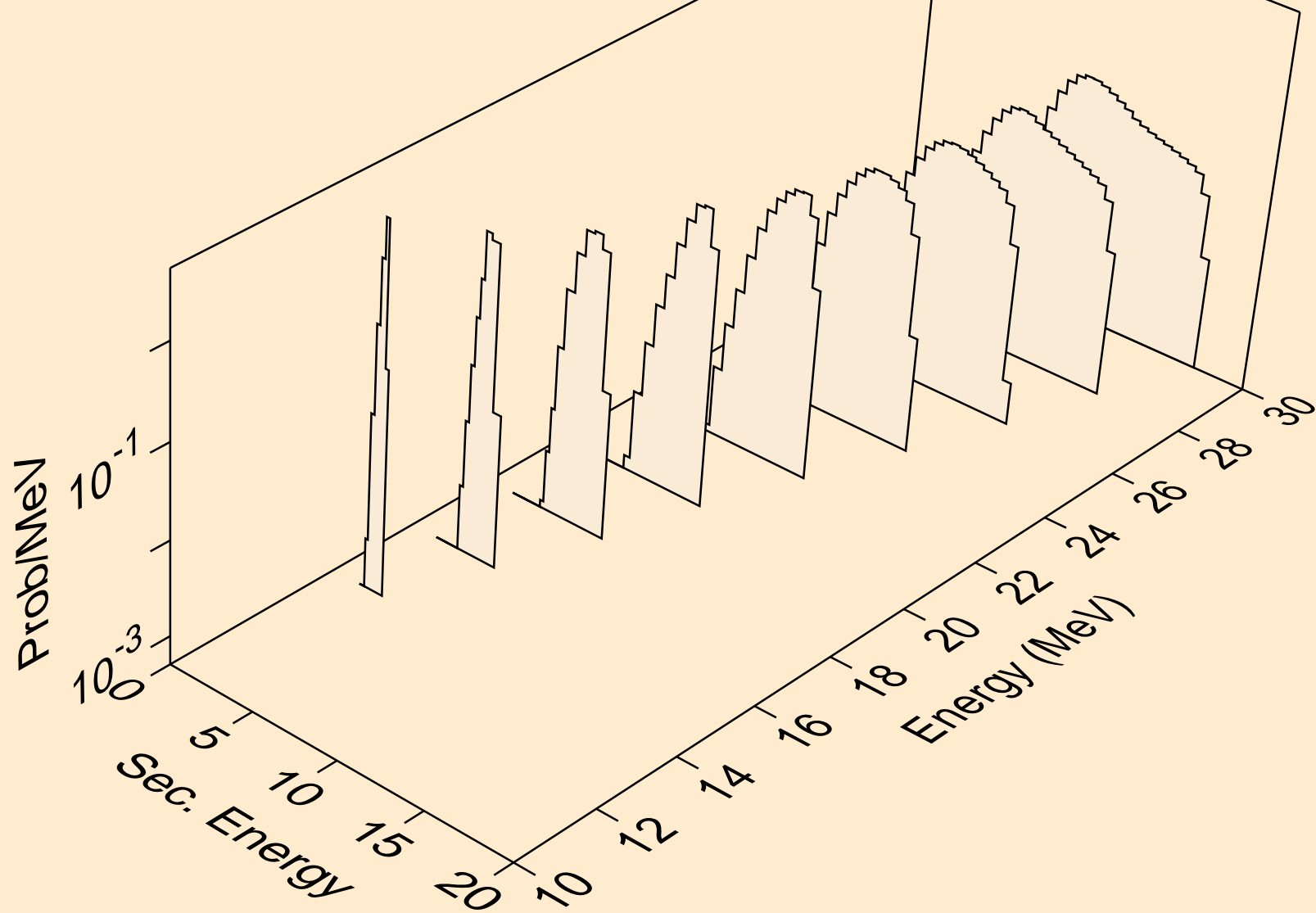
GA069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



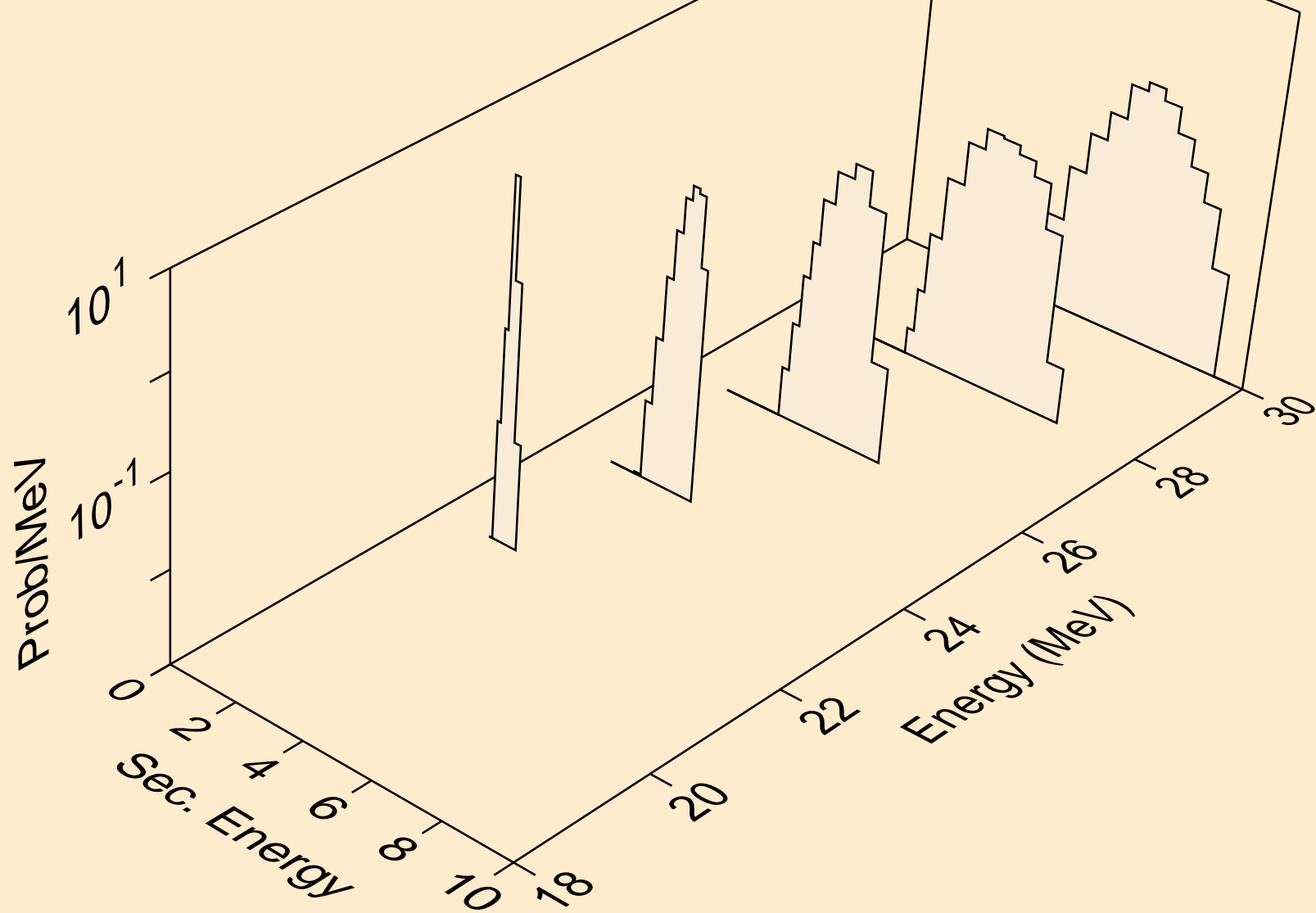
GA069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,x)



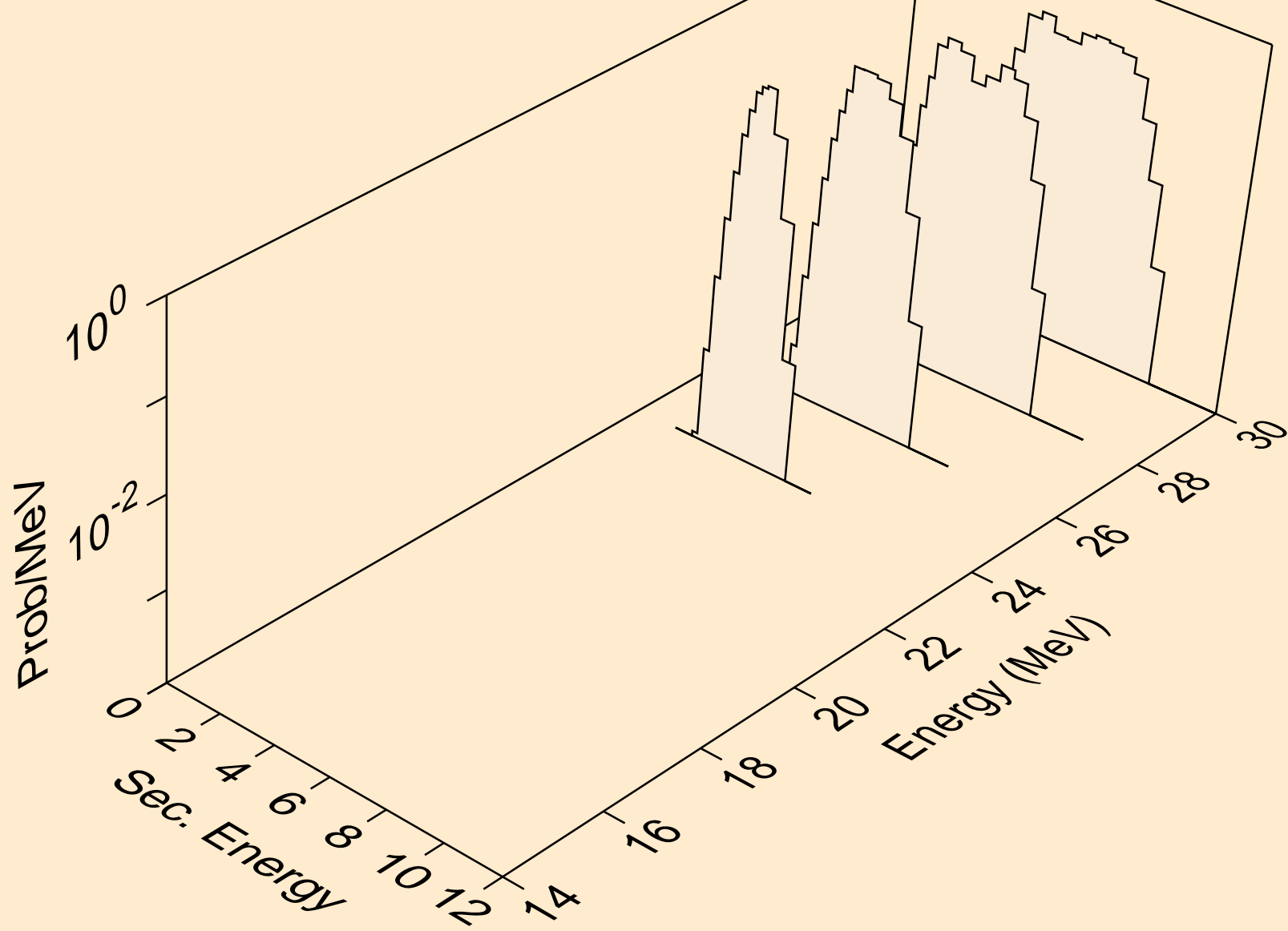
GA069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



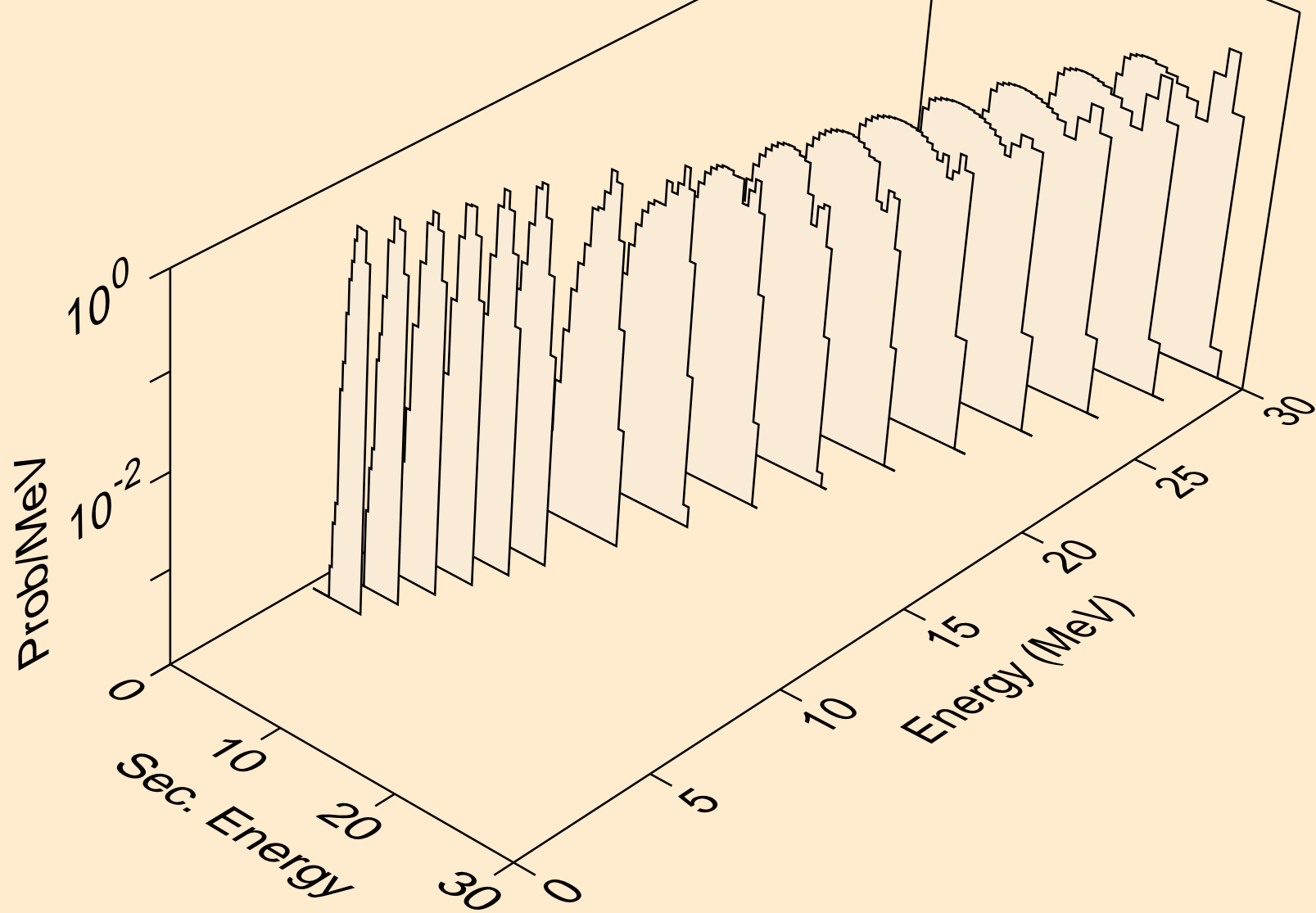
GA069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



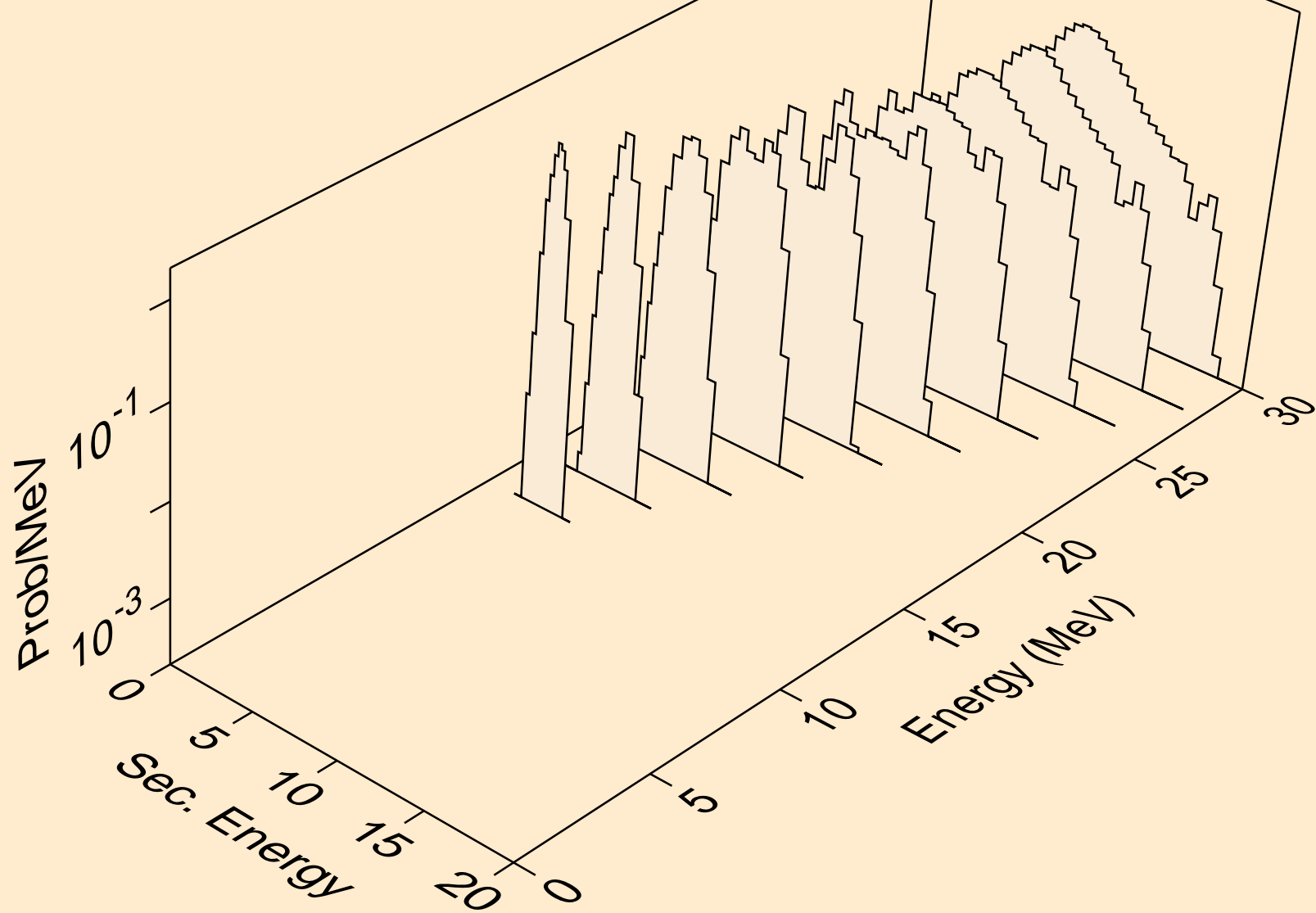
GA069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,n\*)2a



GA069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for inelastic

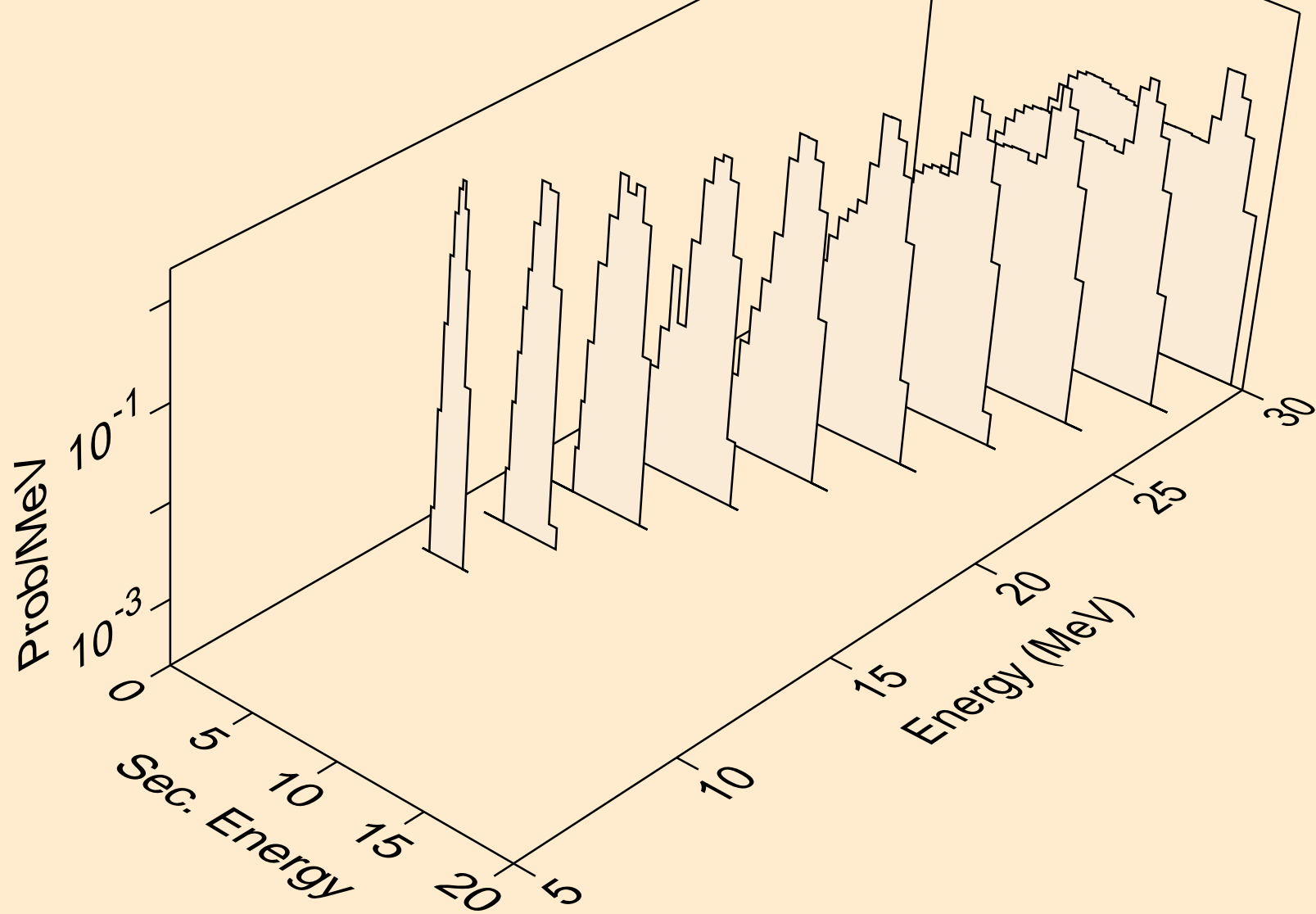


GA069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,2a)

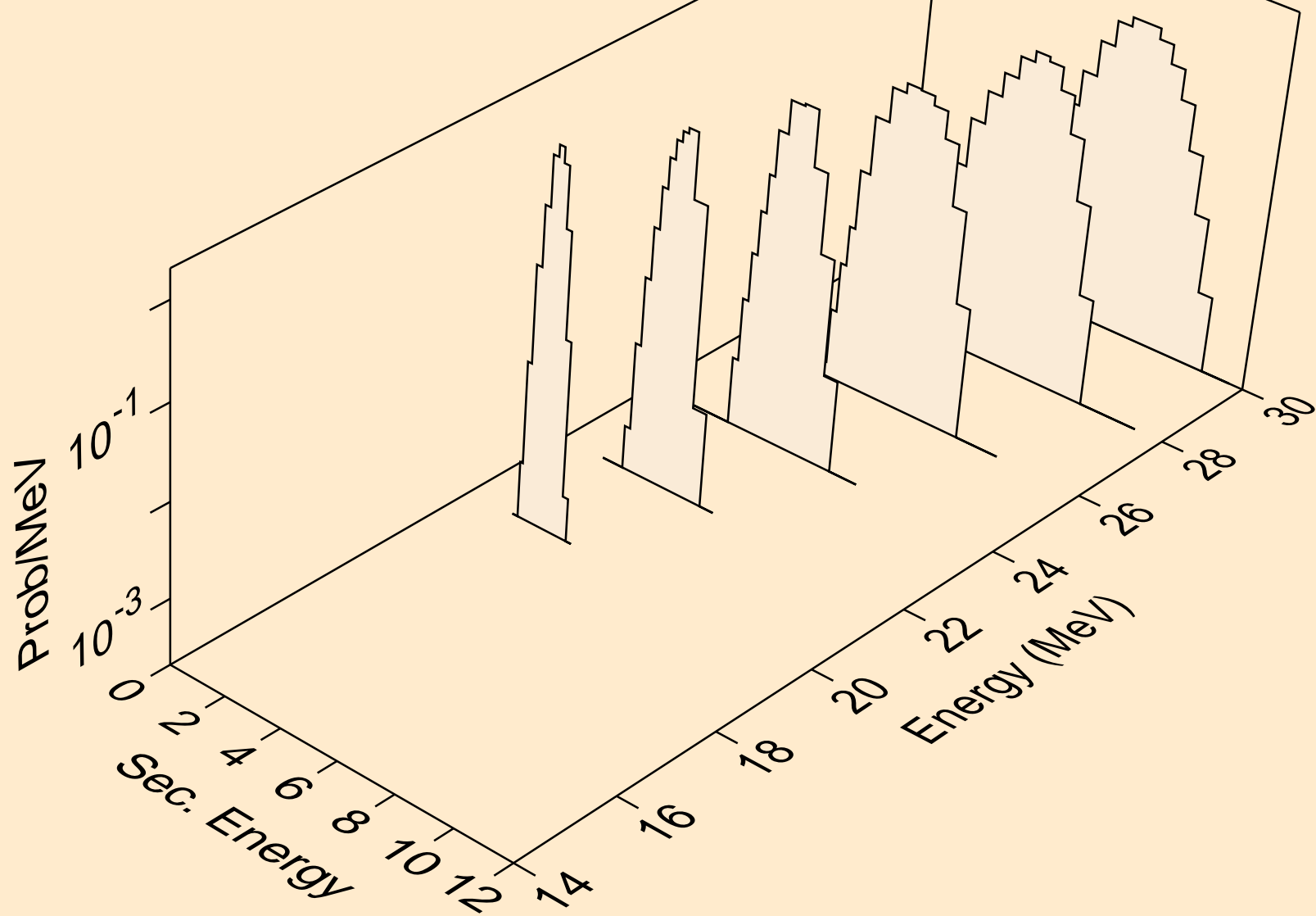




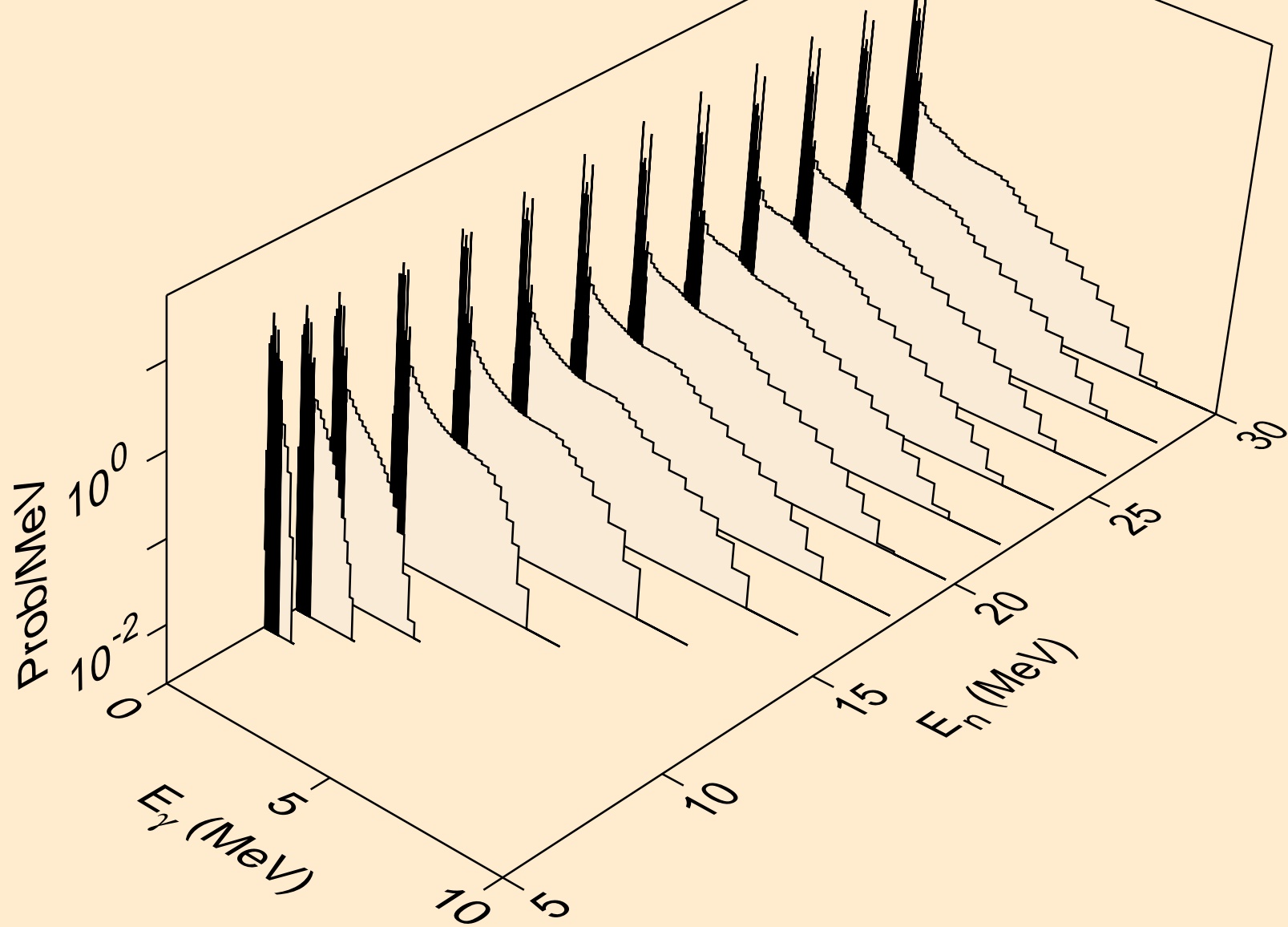
GA069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,pa)



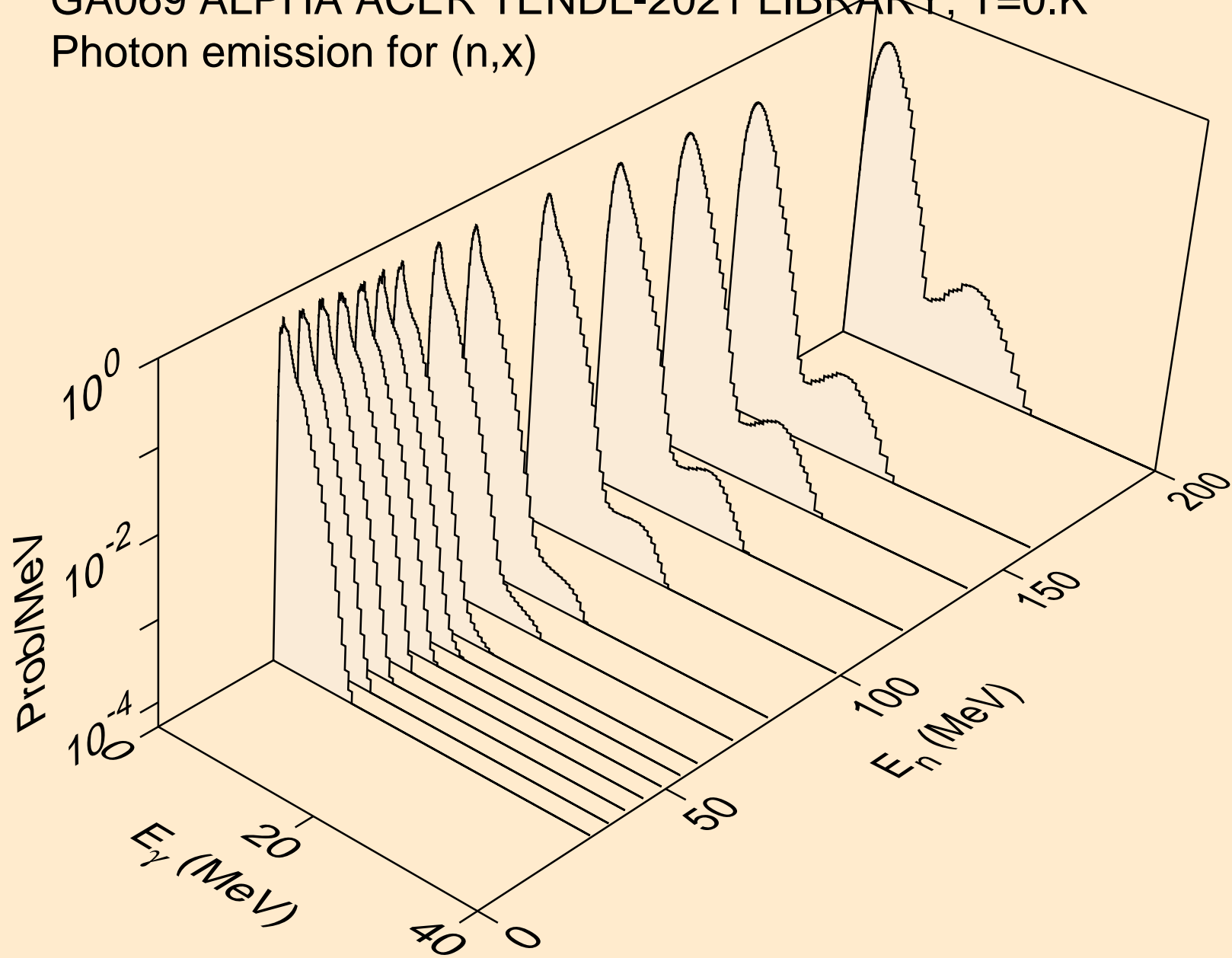
GA069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,da)



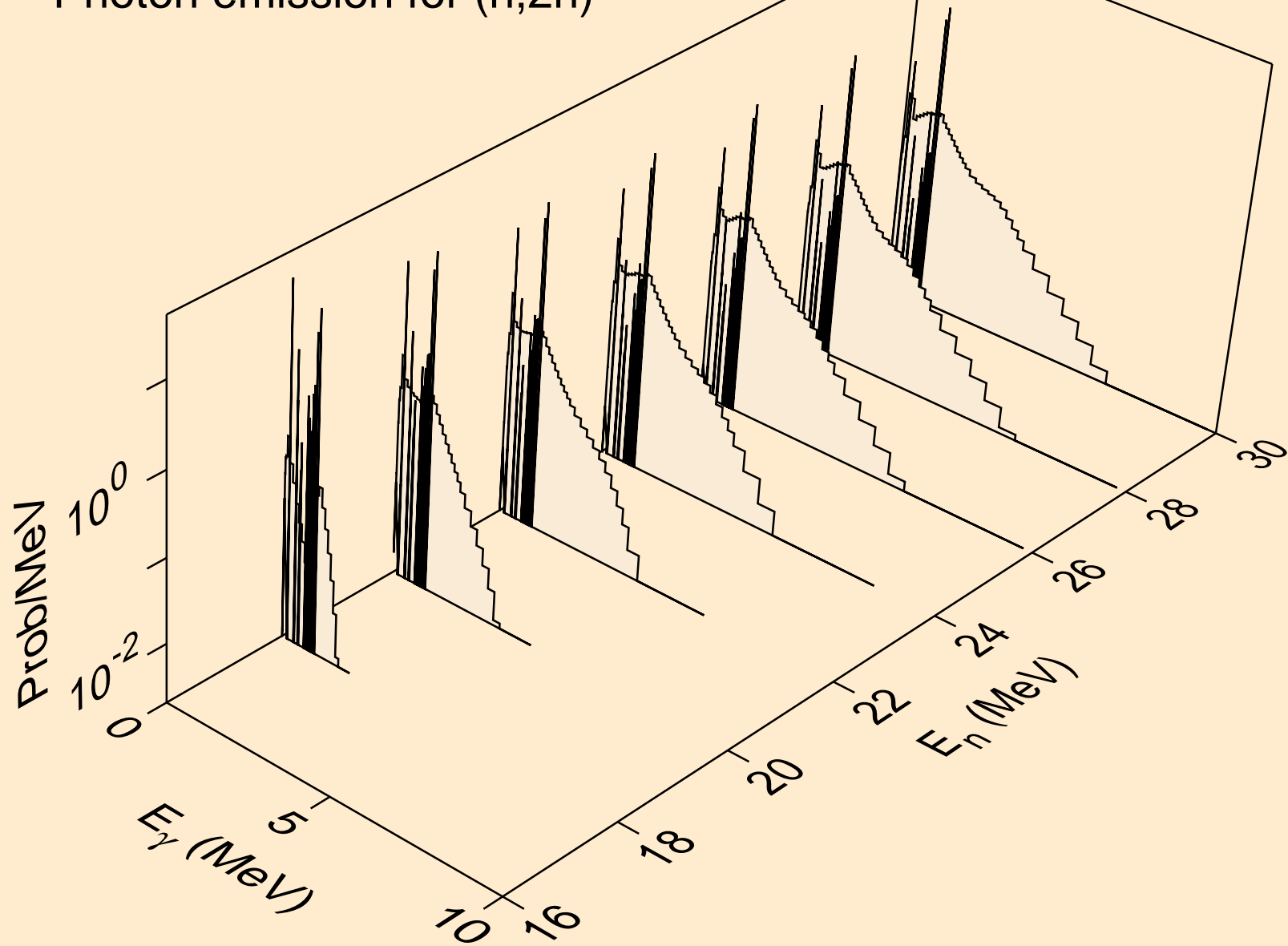
GA069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



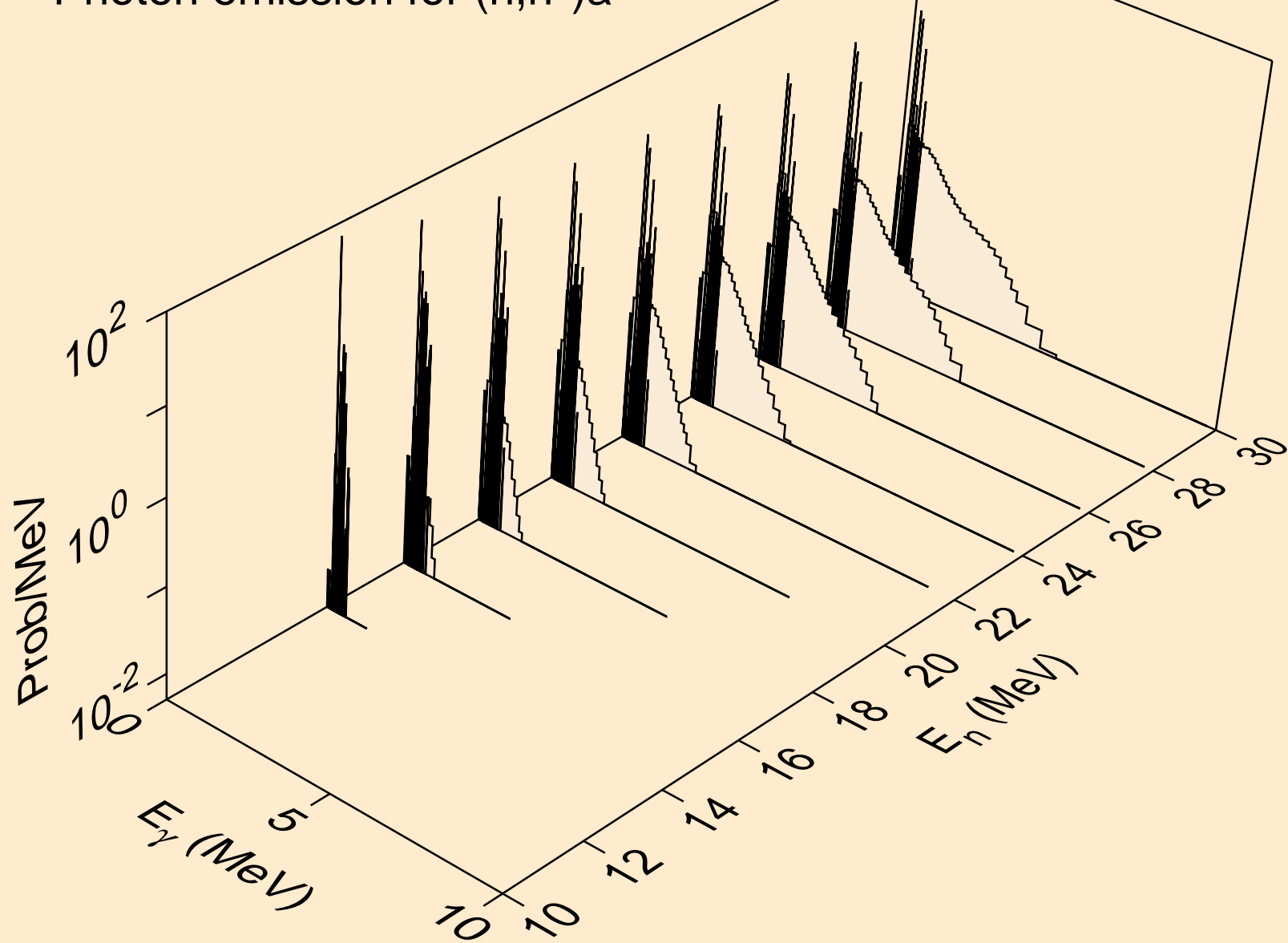
GA069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



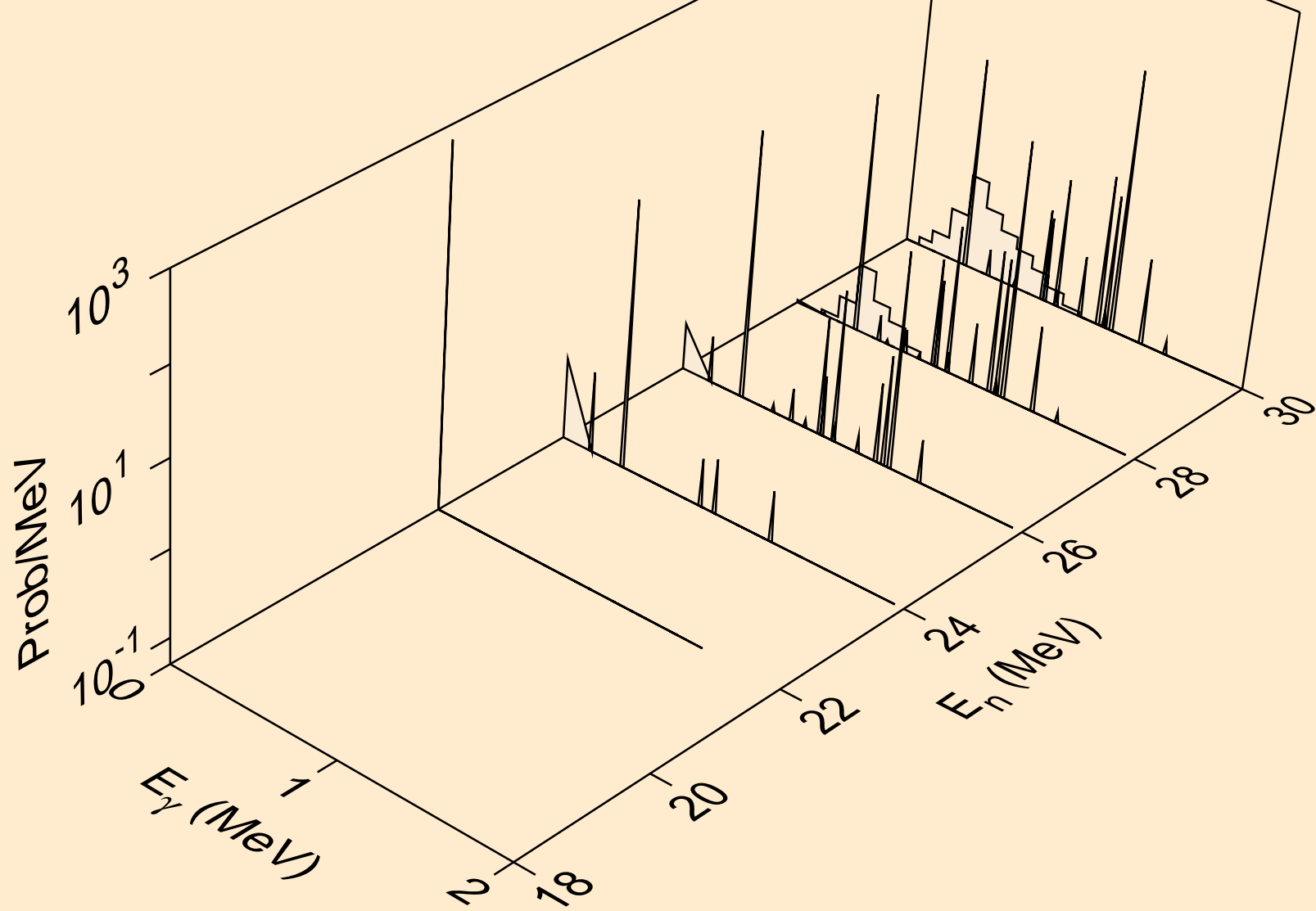
GA069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



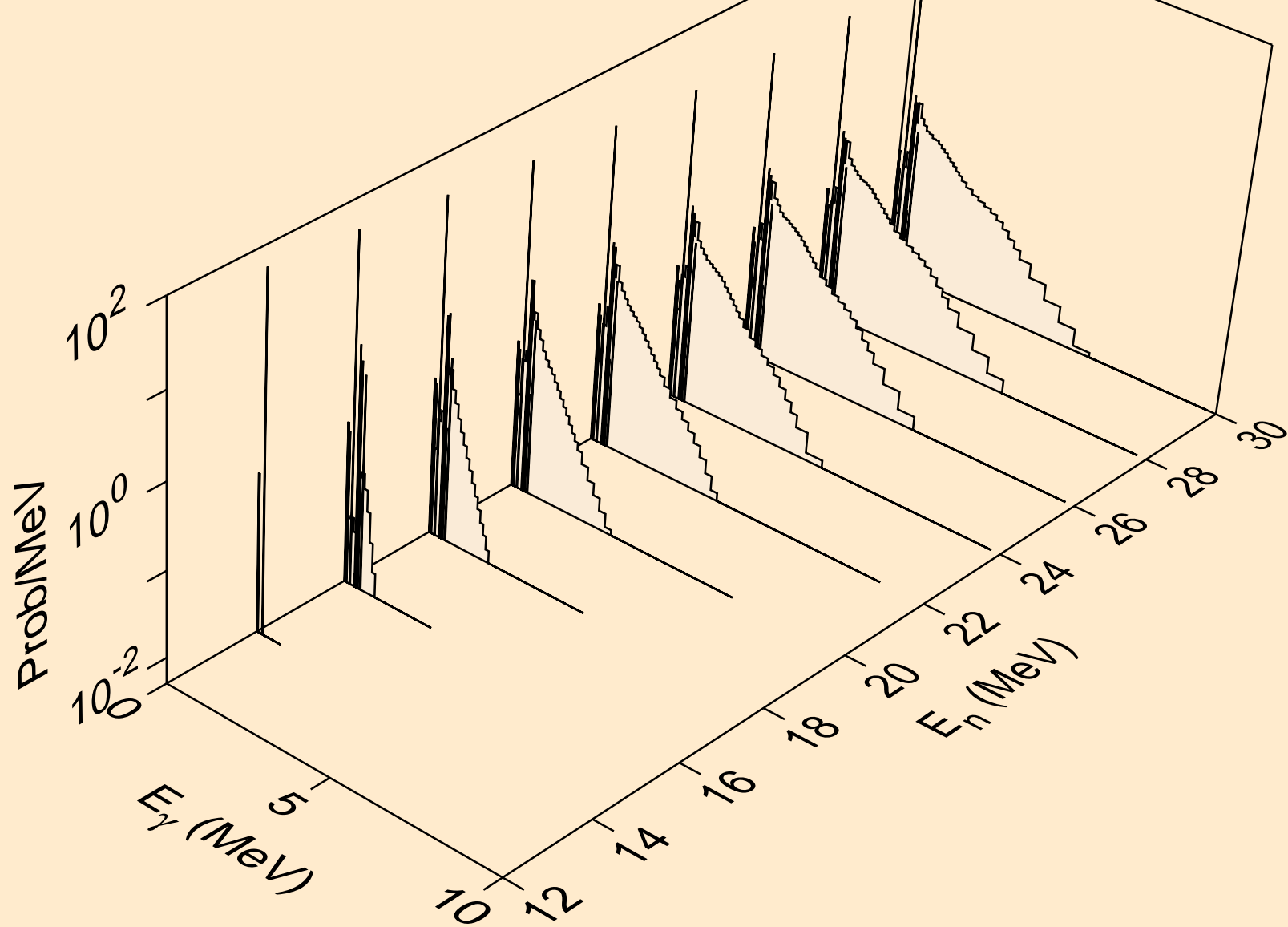
GA069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



GA069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a

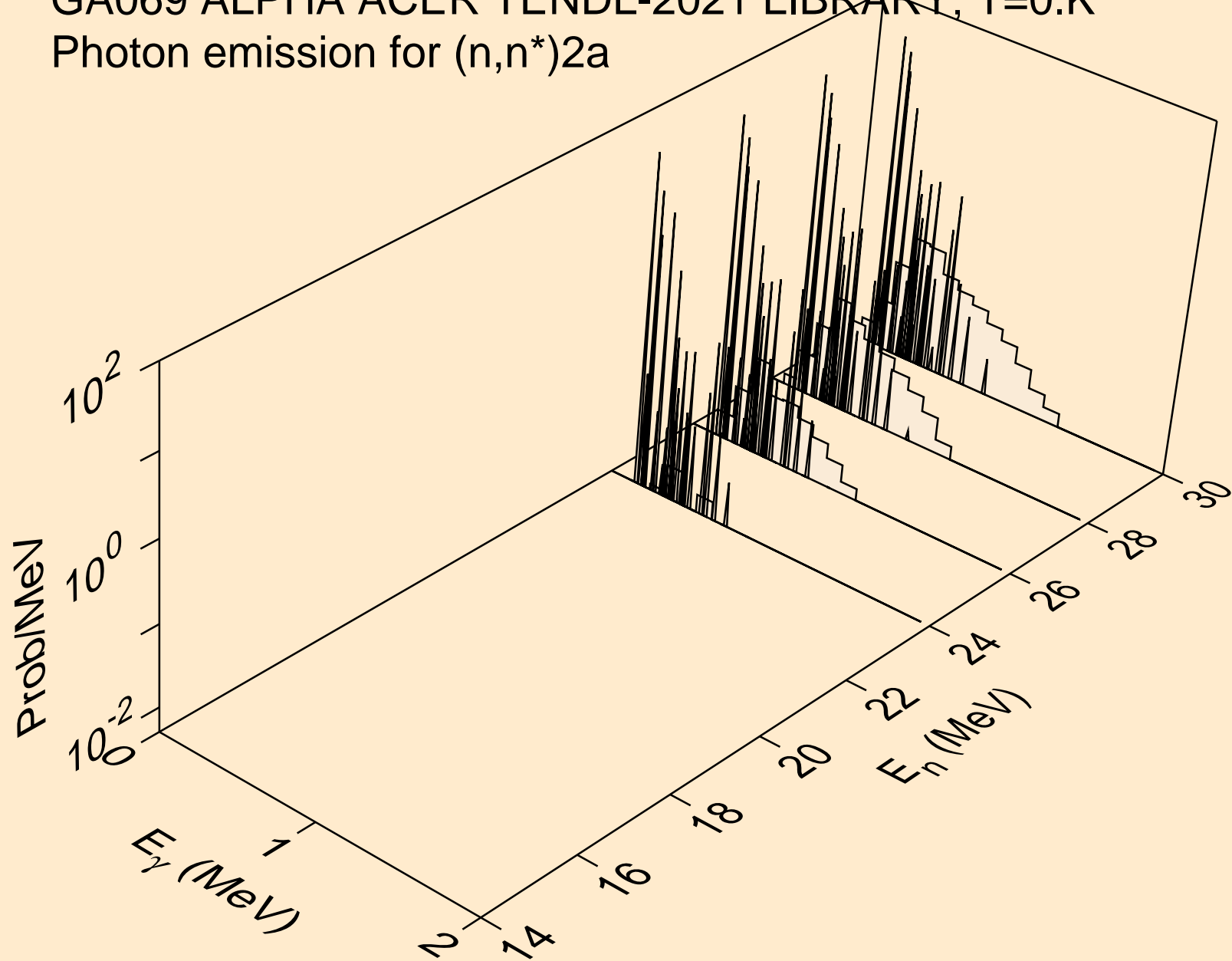


GA069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

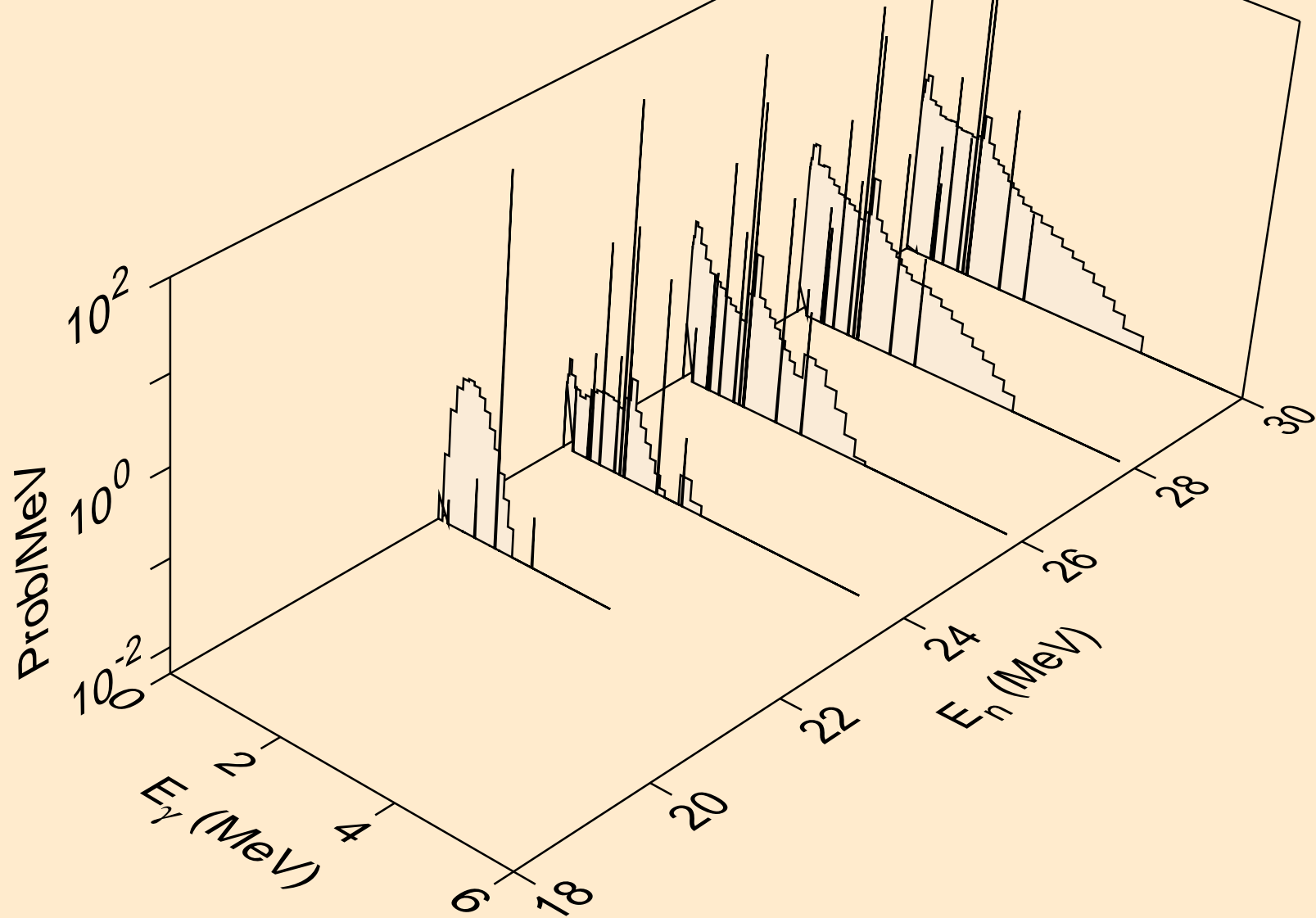




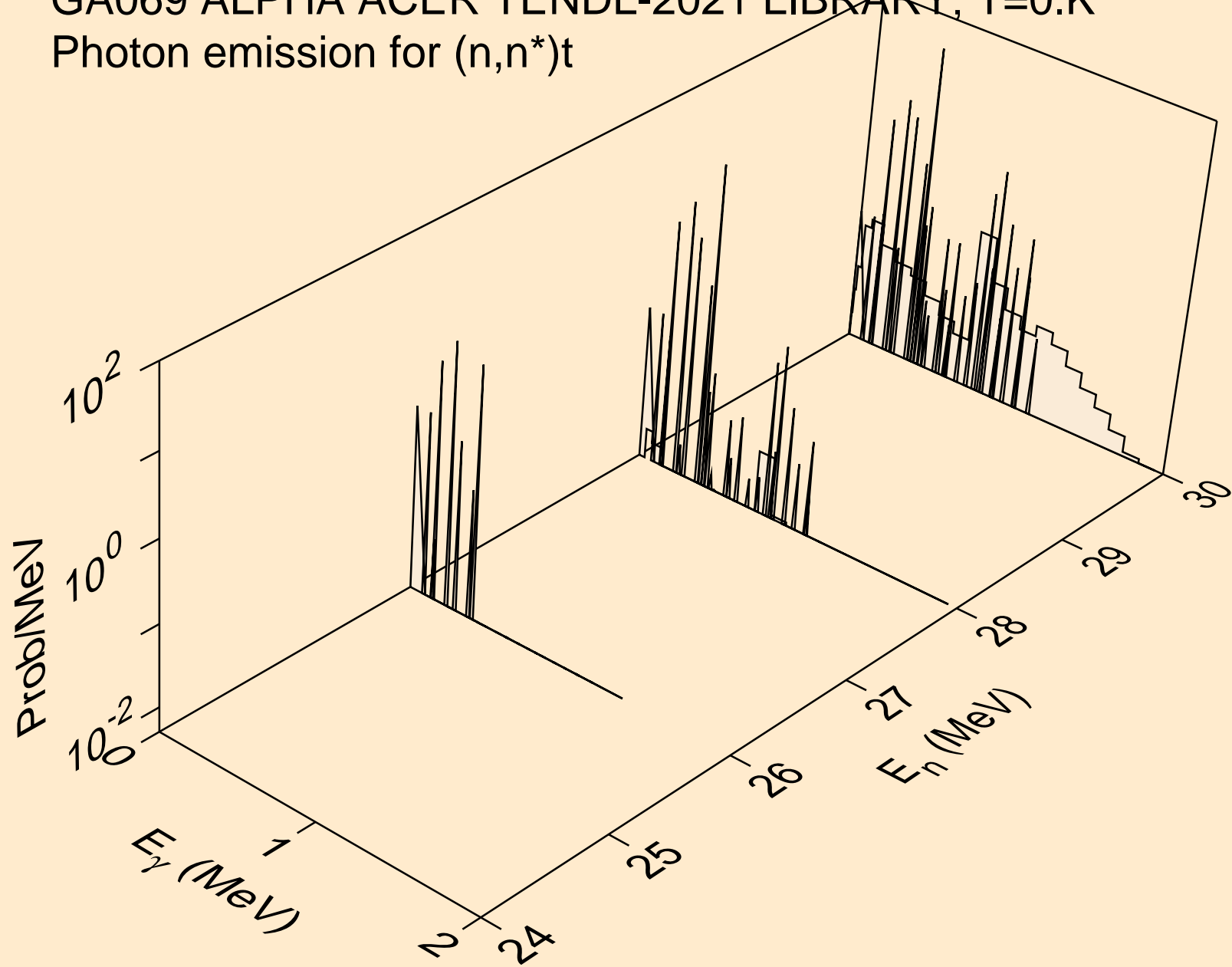
GA069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



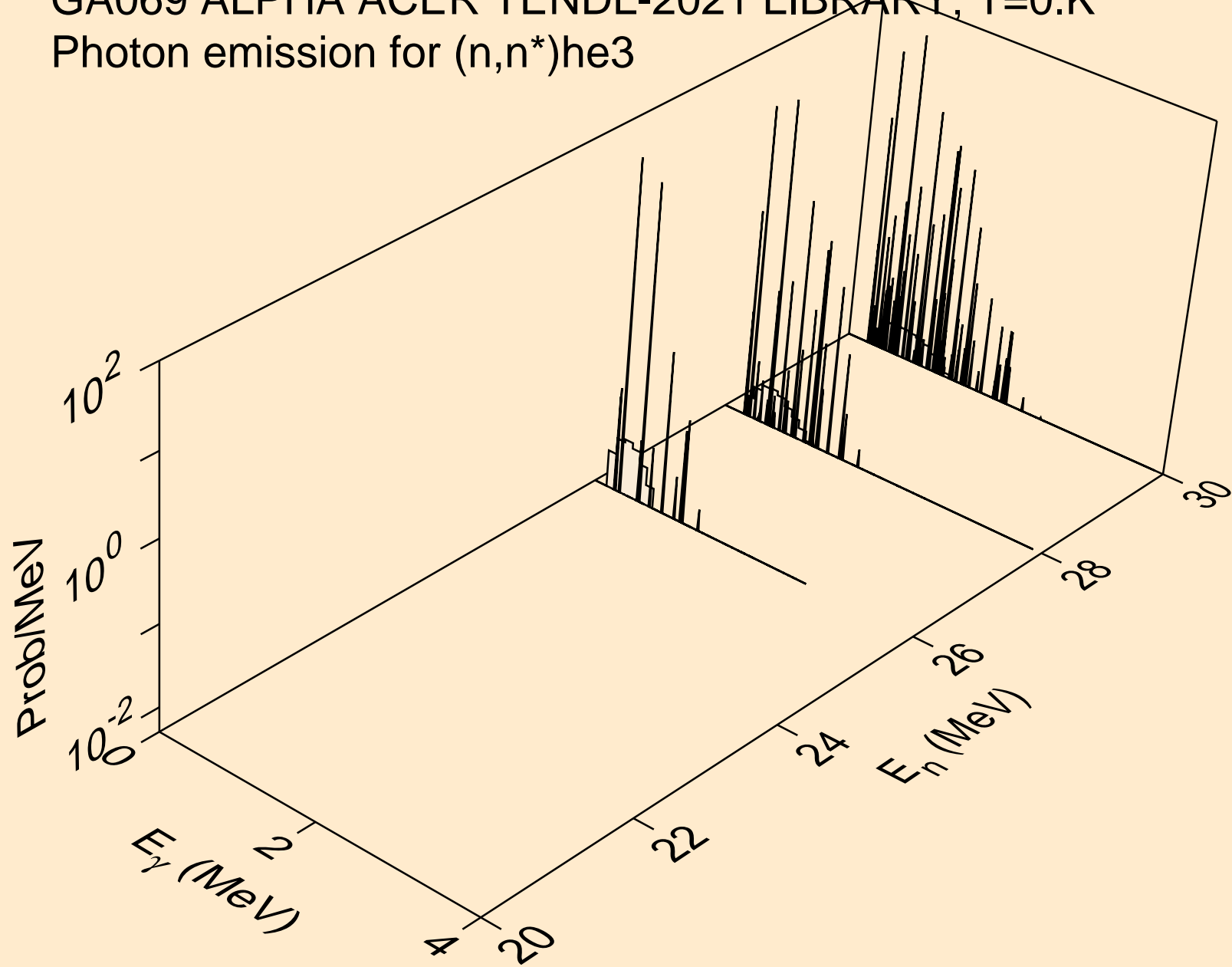
GA069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



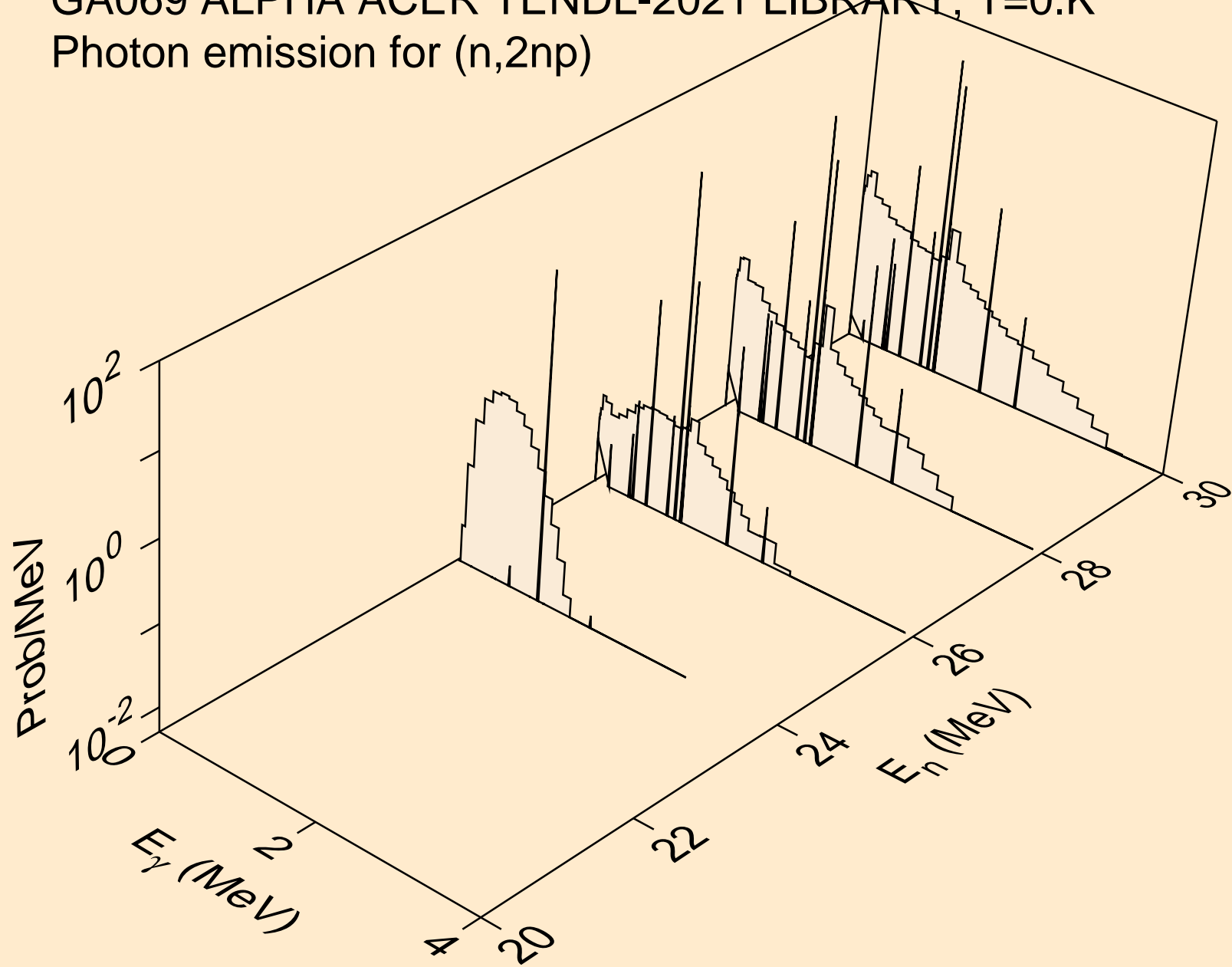
GA069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



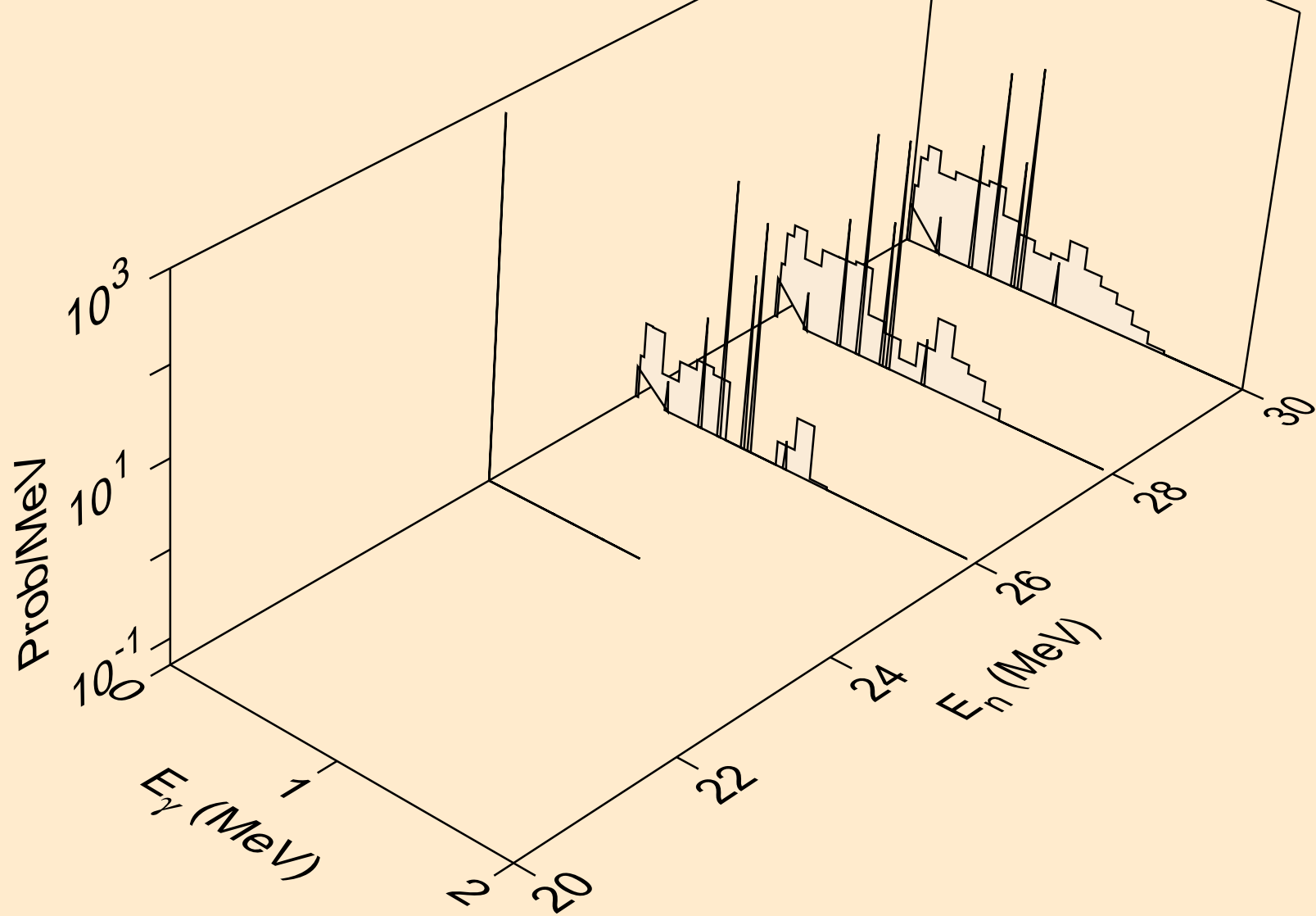
GA069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



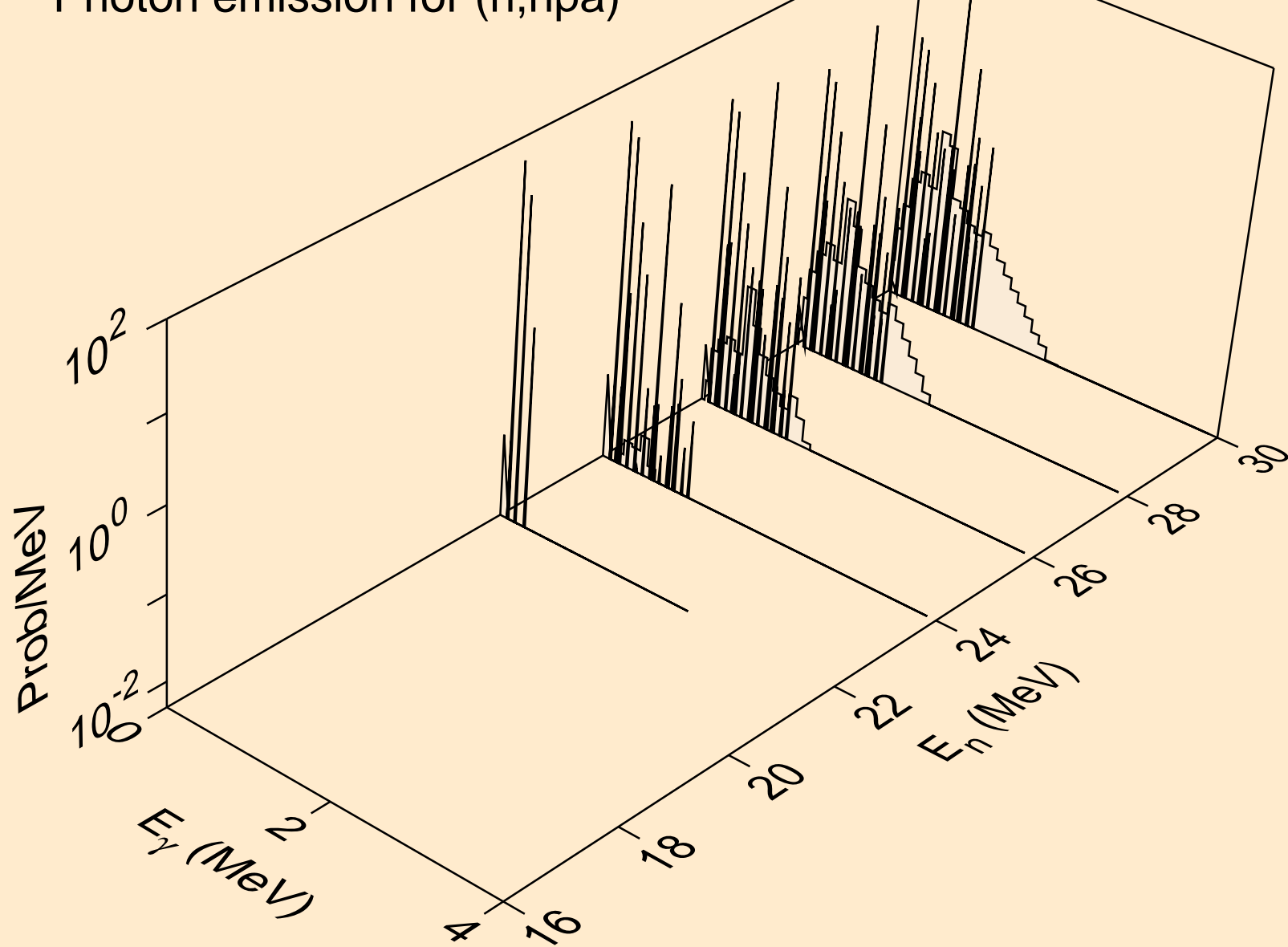
GA069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



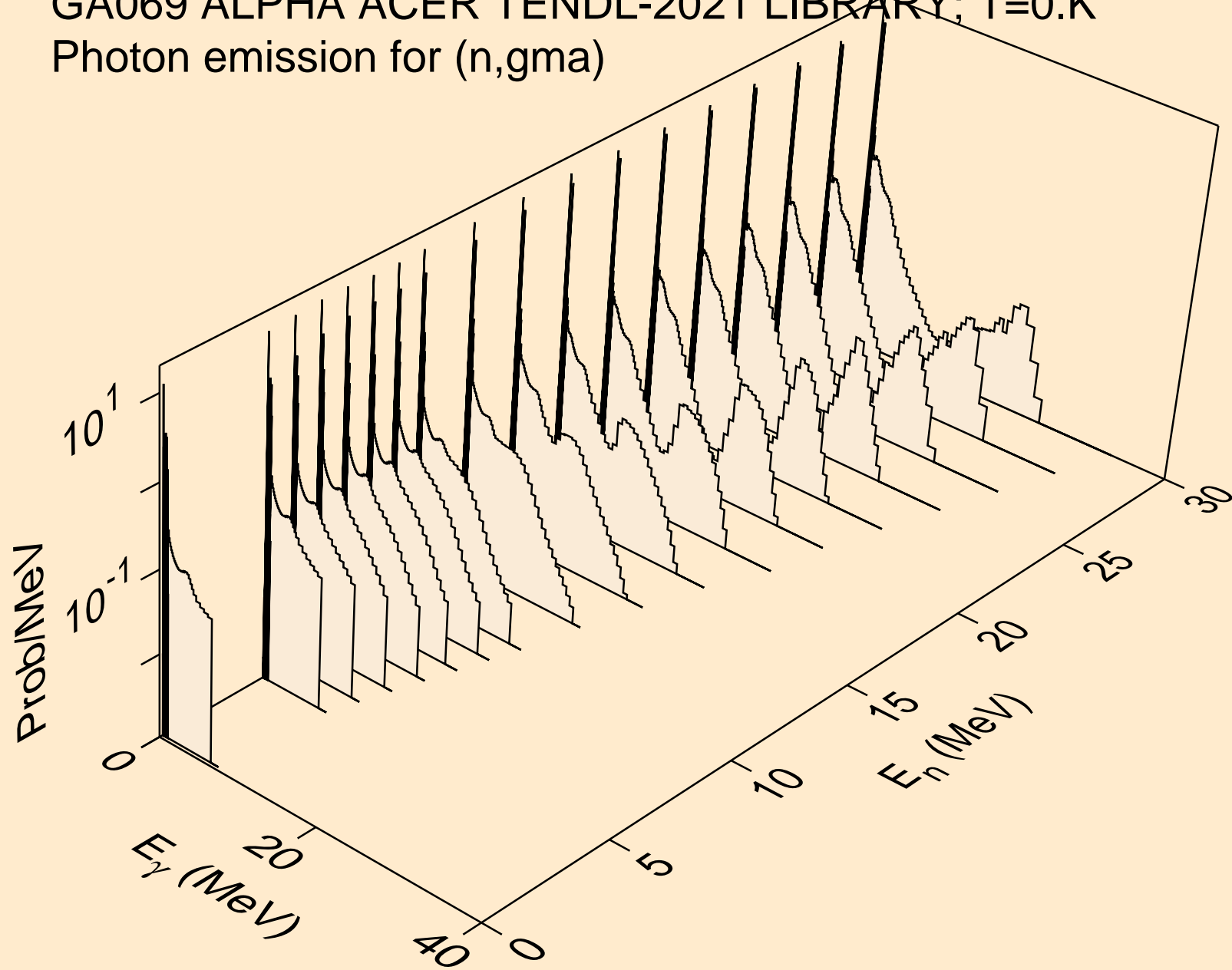
GA069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



GA069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,npa)

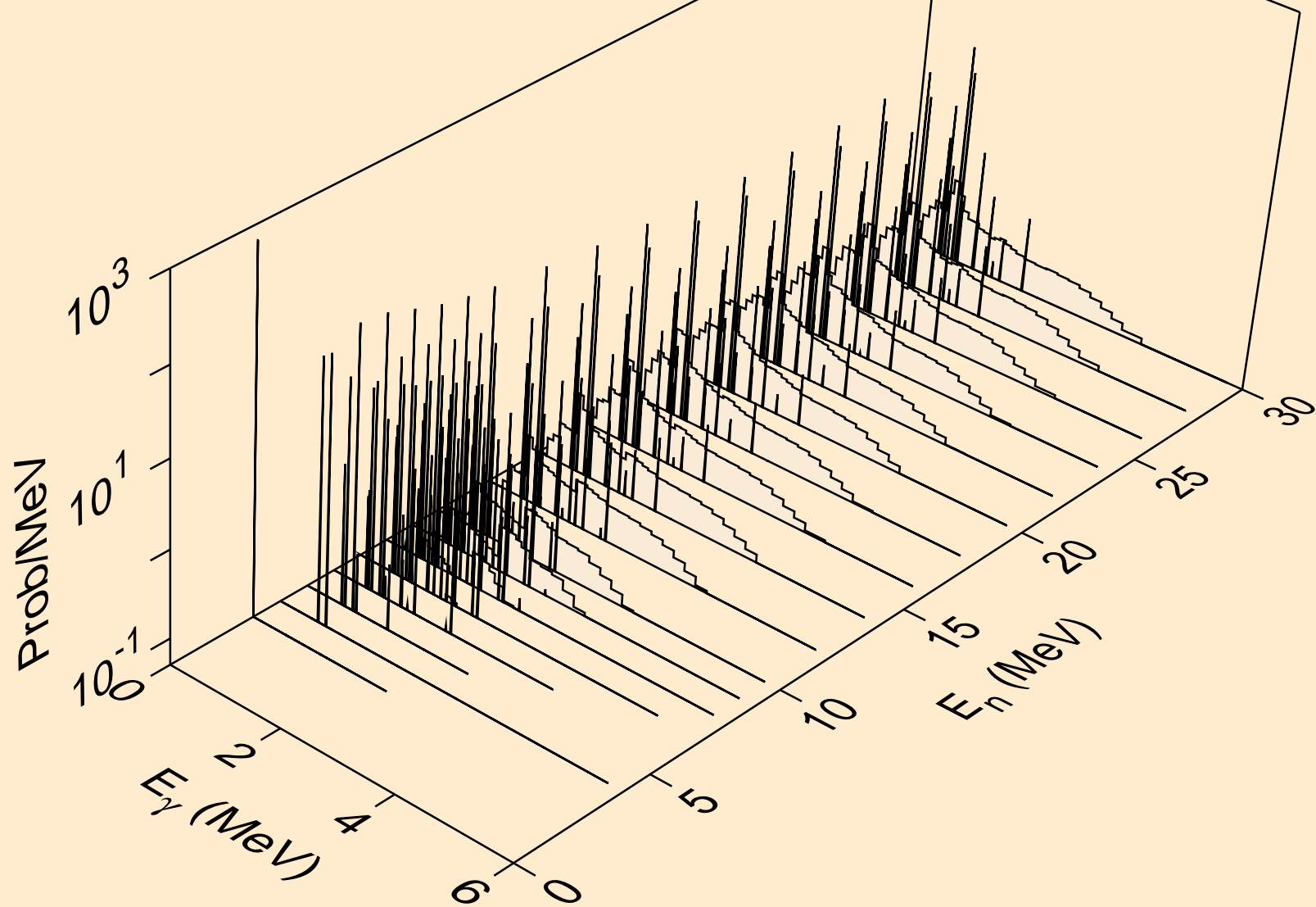


GA069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,gma)

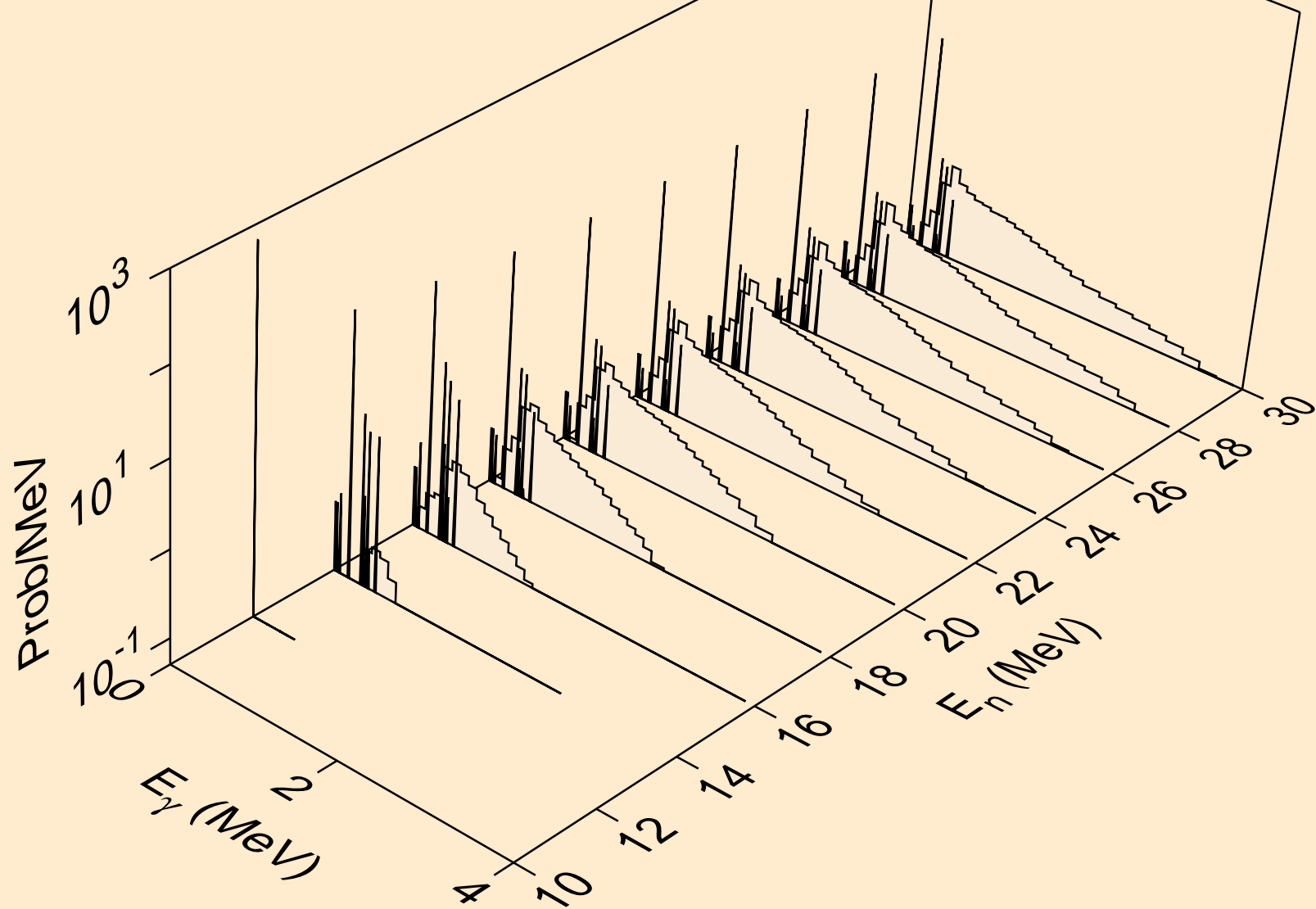




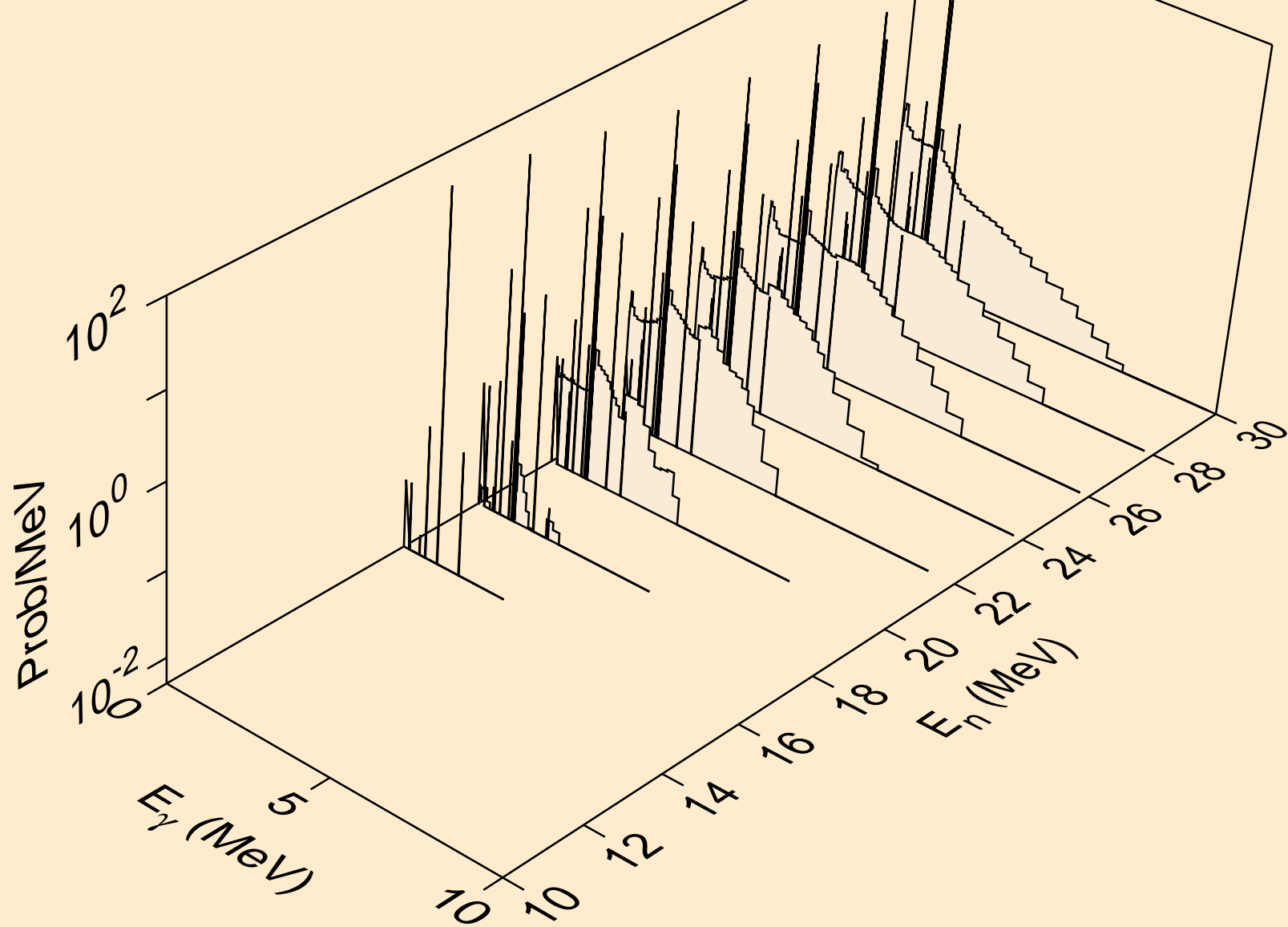
GA069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p)



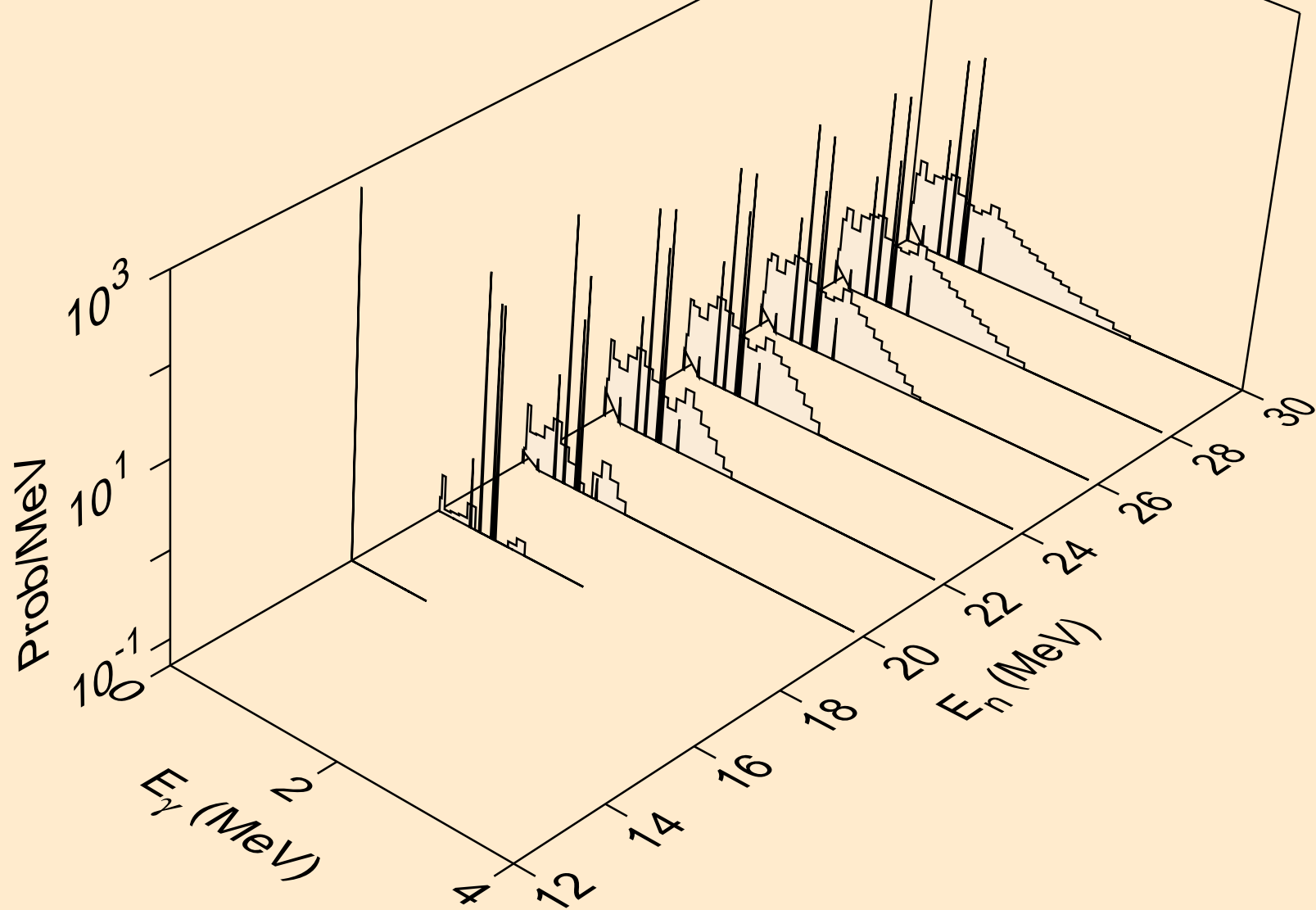
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Photon emission for (n,d)



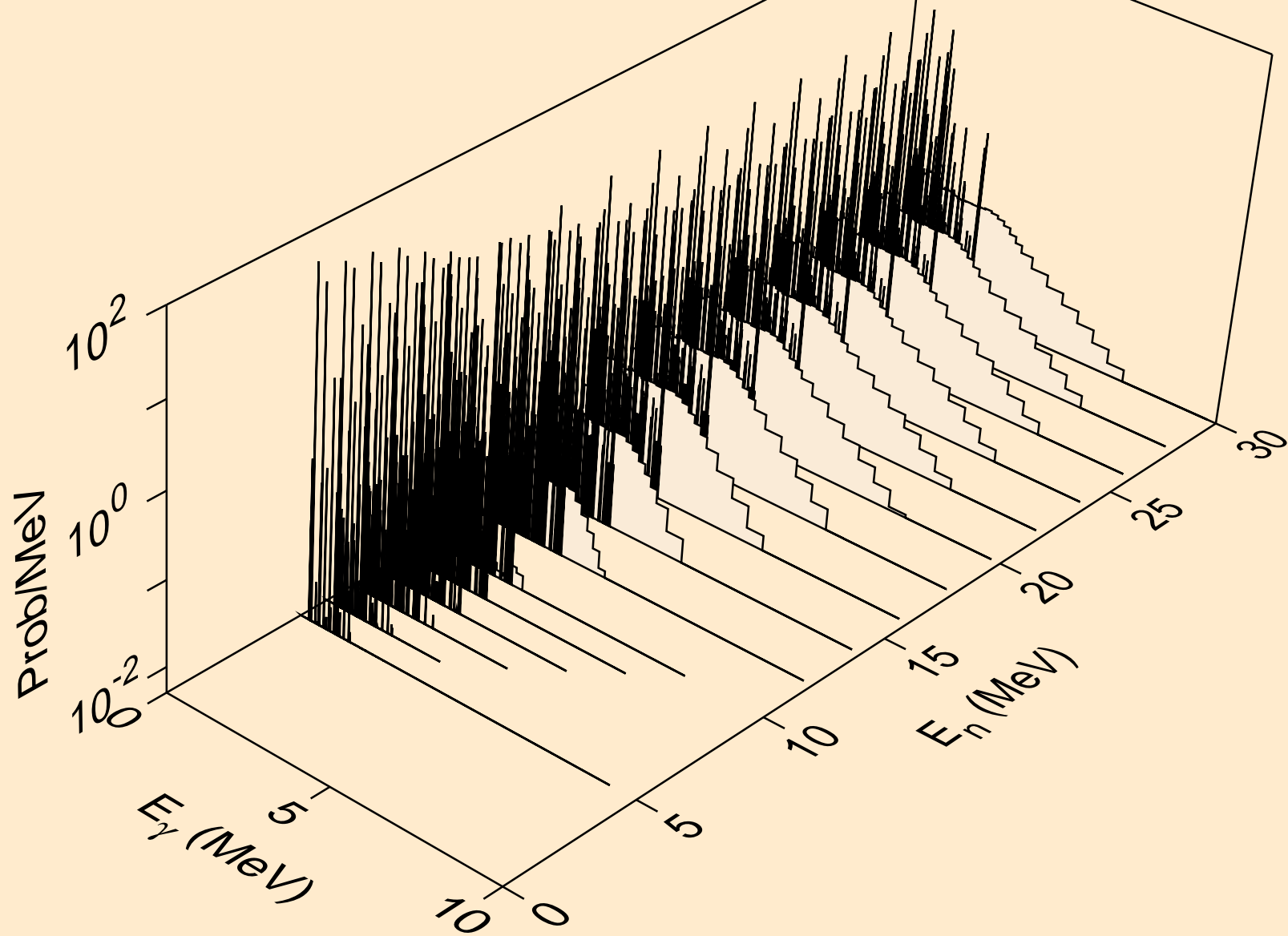
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Photon emission for (n,t)



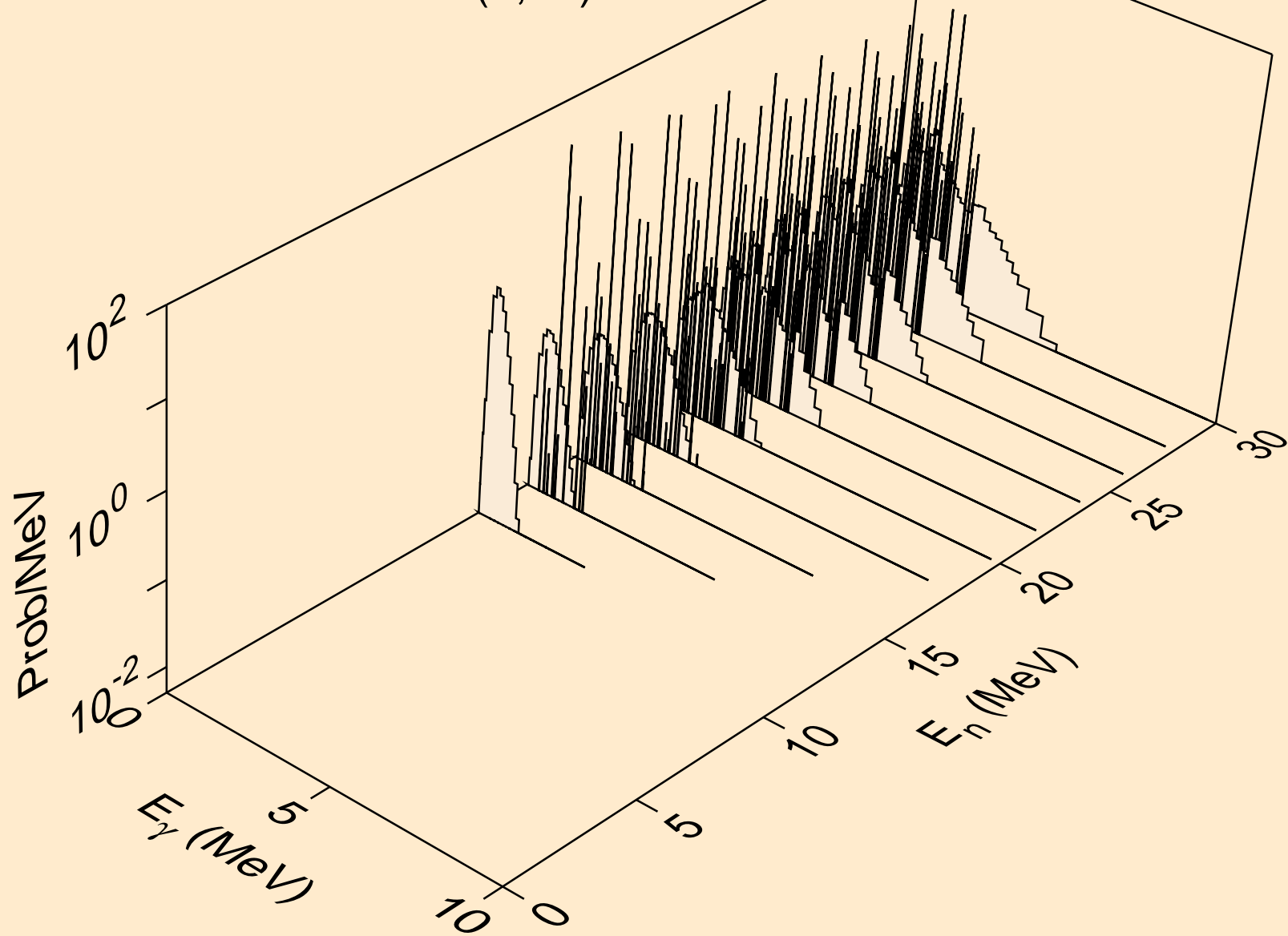
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Photon emission for (n,he3)



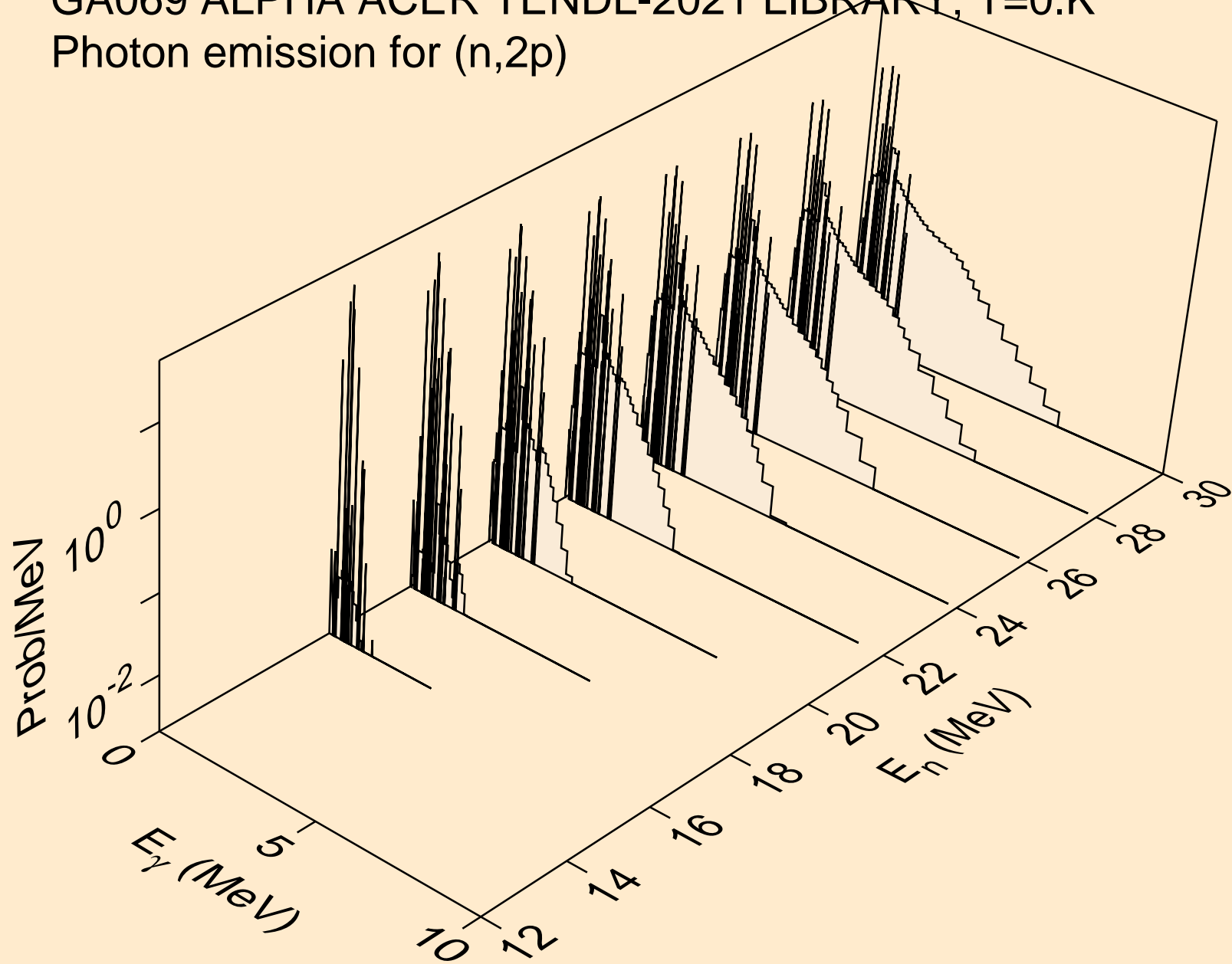
GA069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



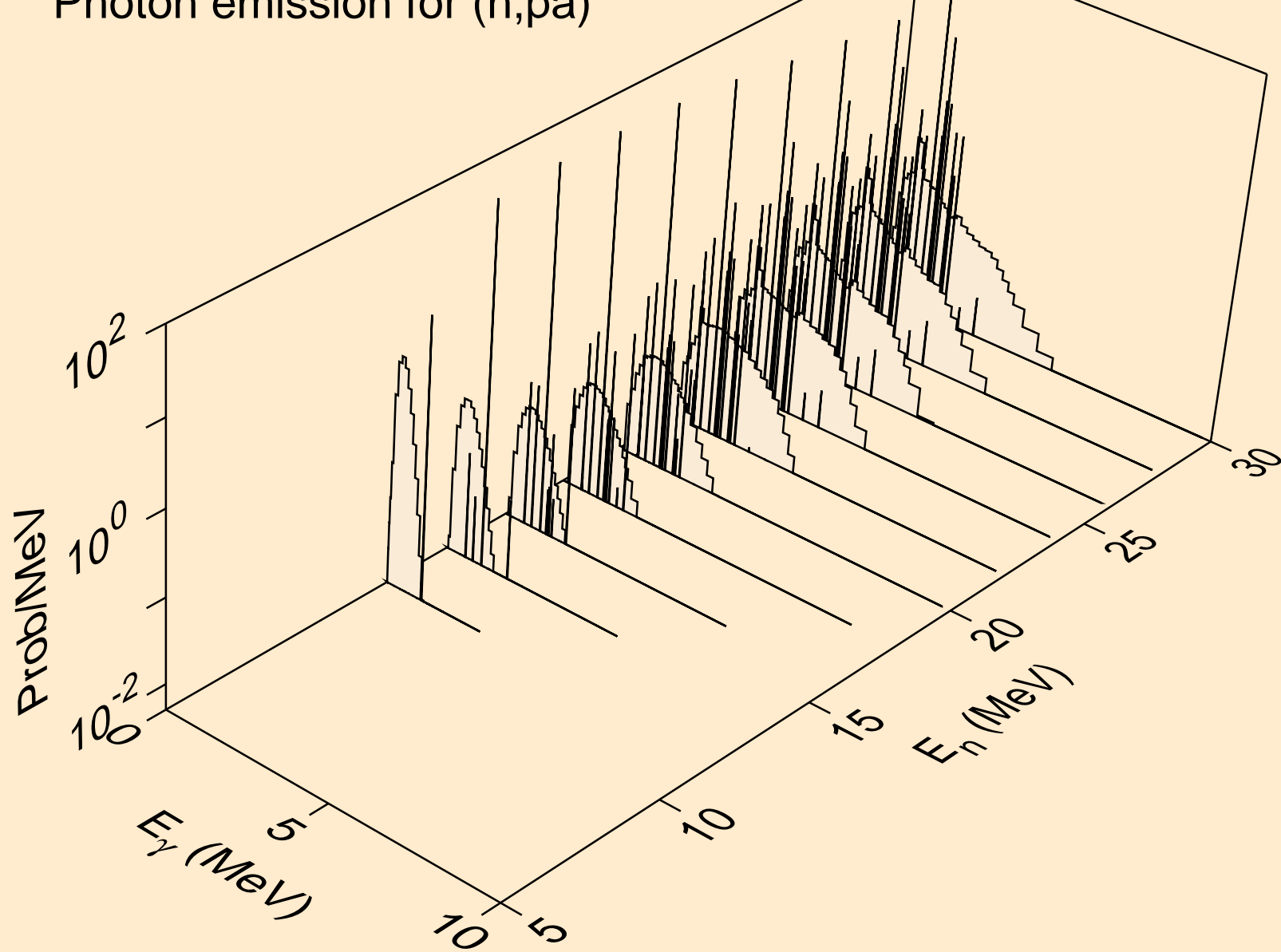
GA069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2a)



GA069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)

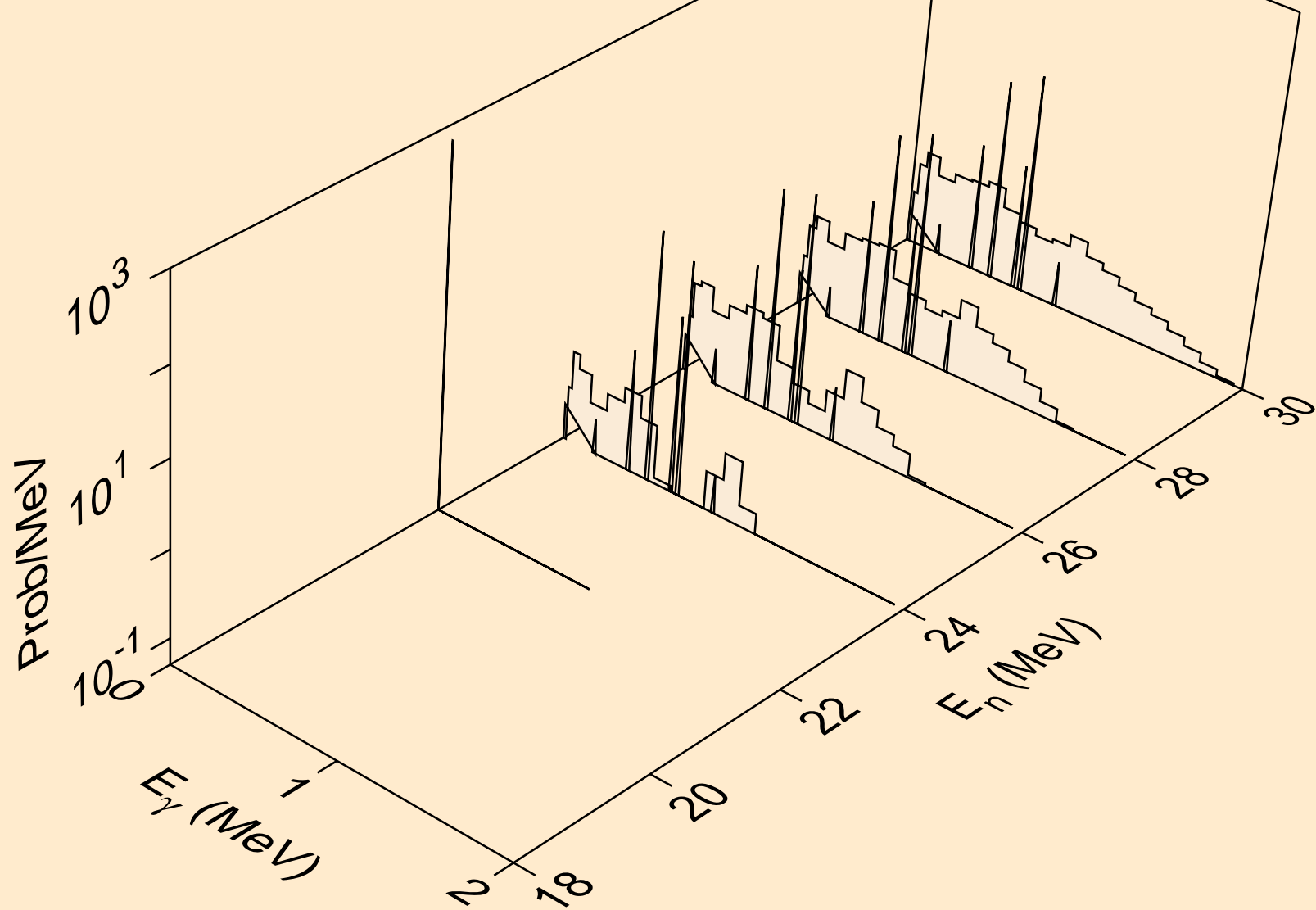


GA069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pa)

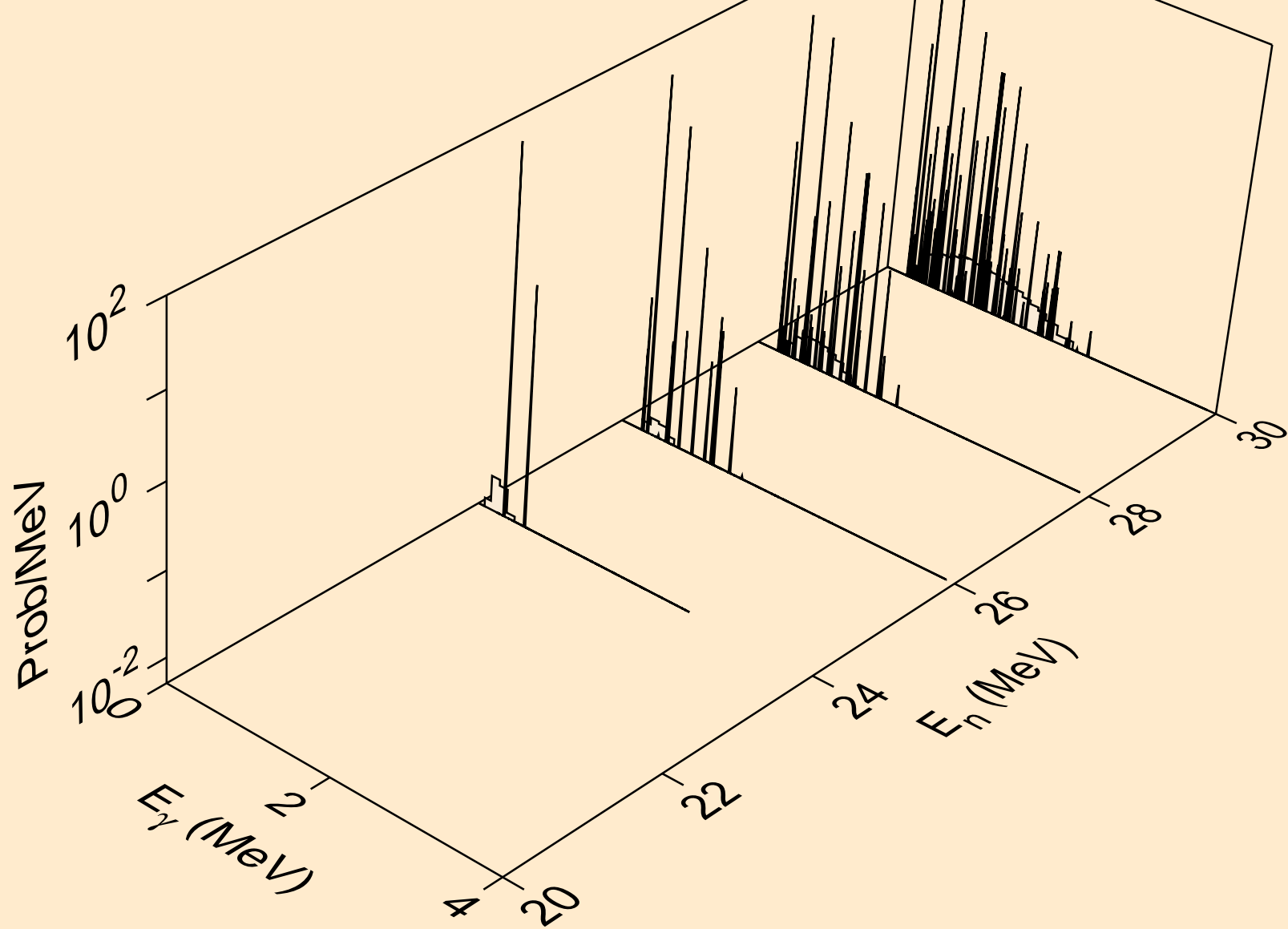




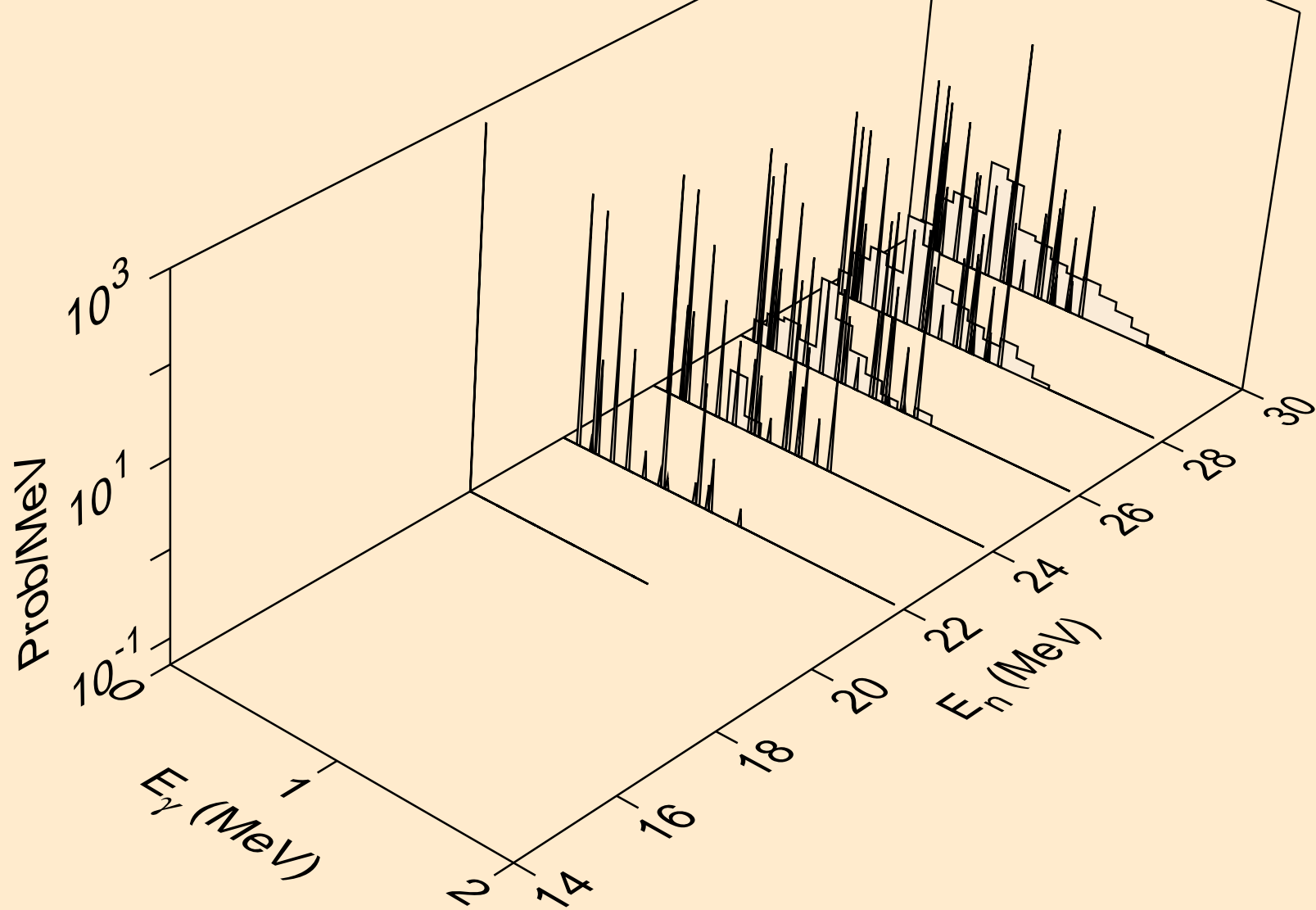
GA069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)



GA069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)

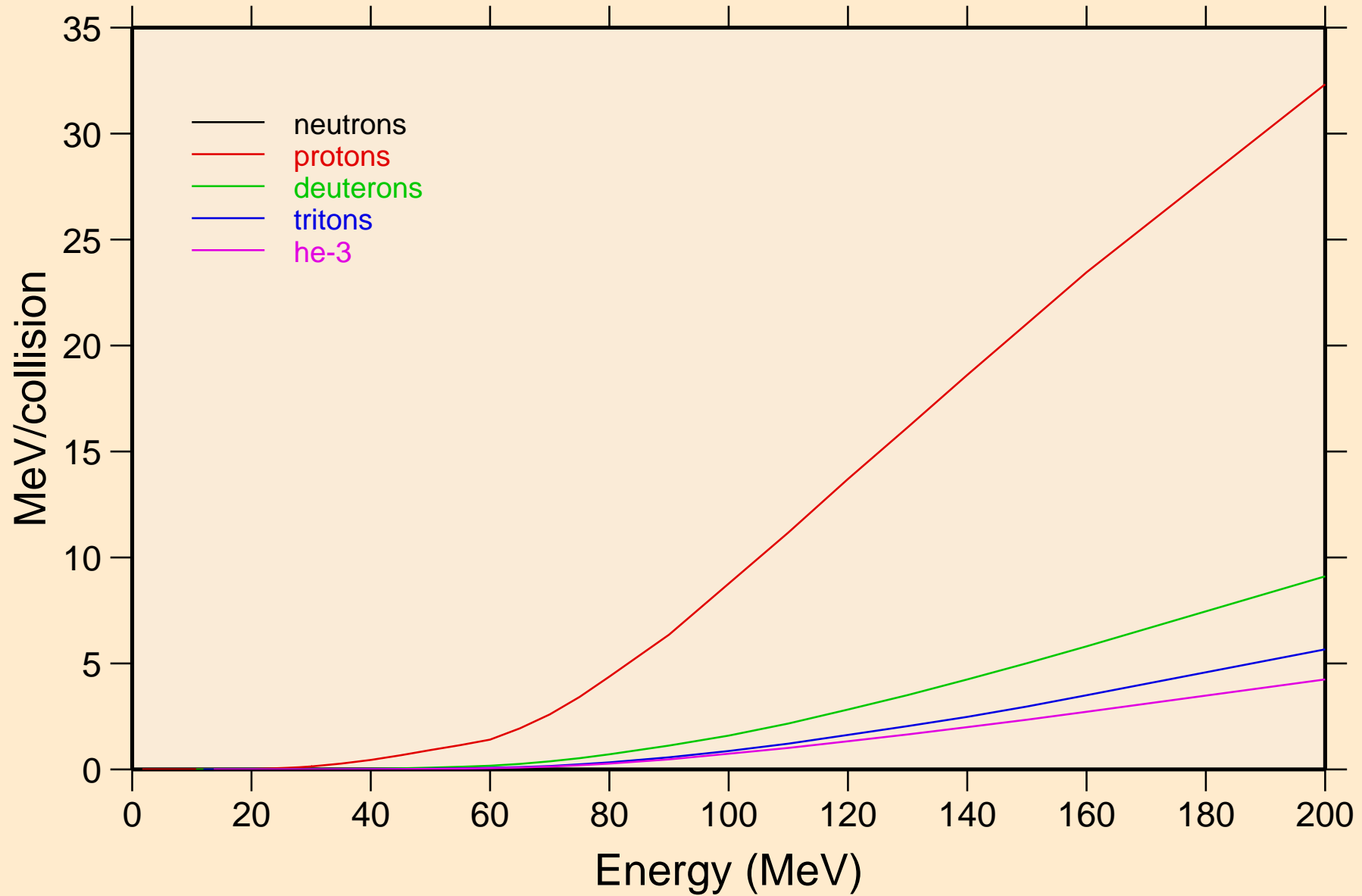


GA069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,da)

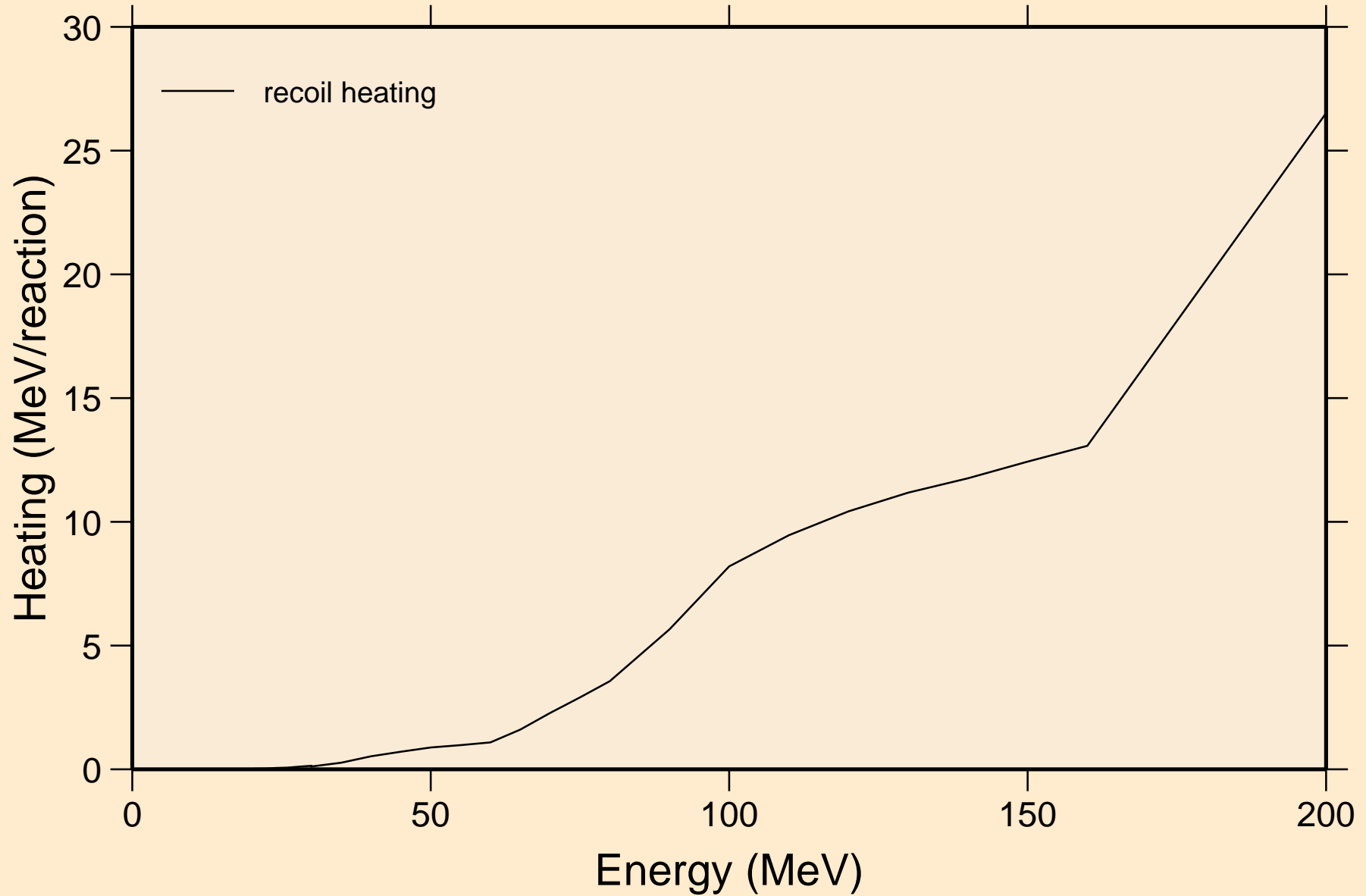


# GA069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

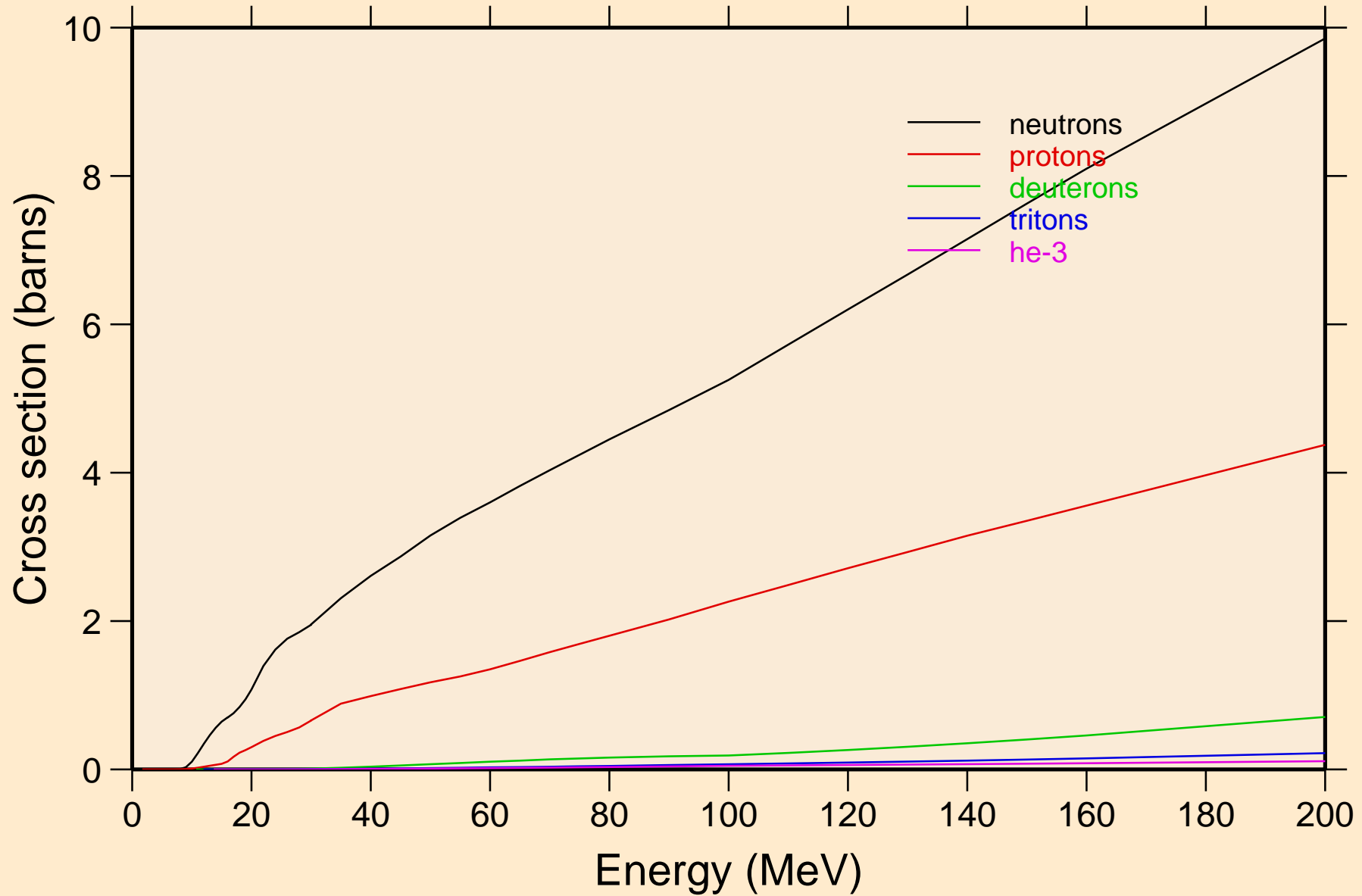
## Particle heating contributions



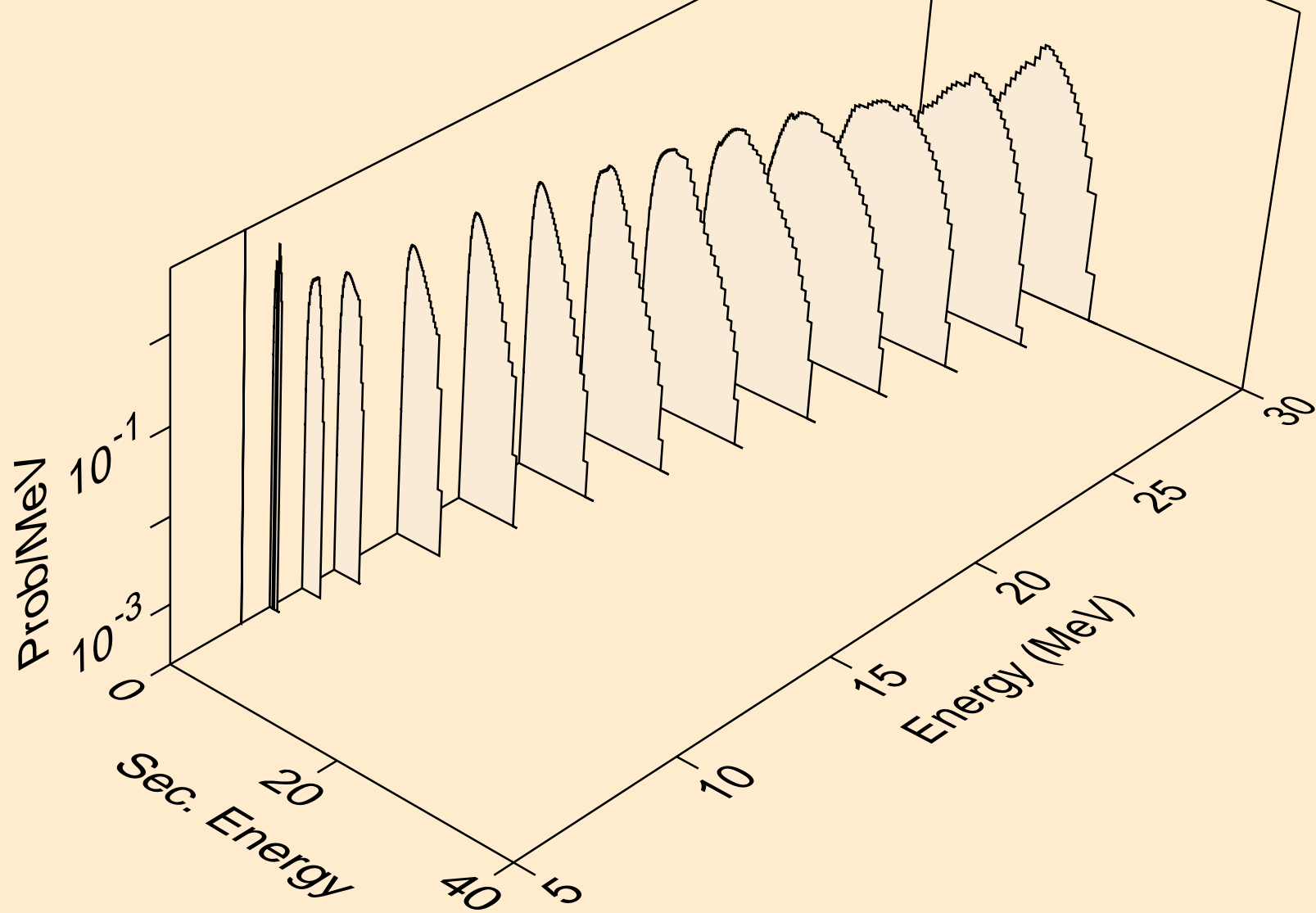
GA069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating



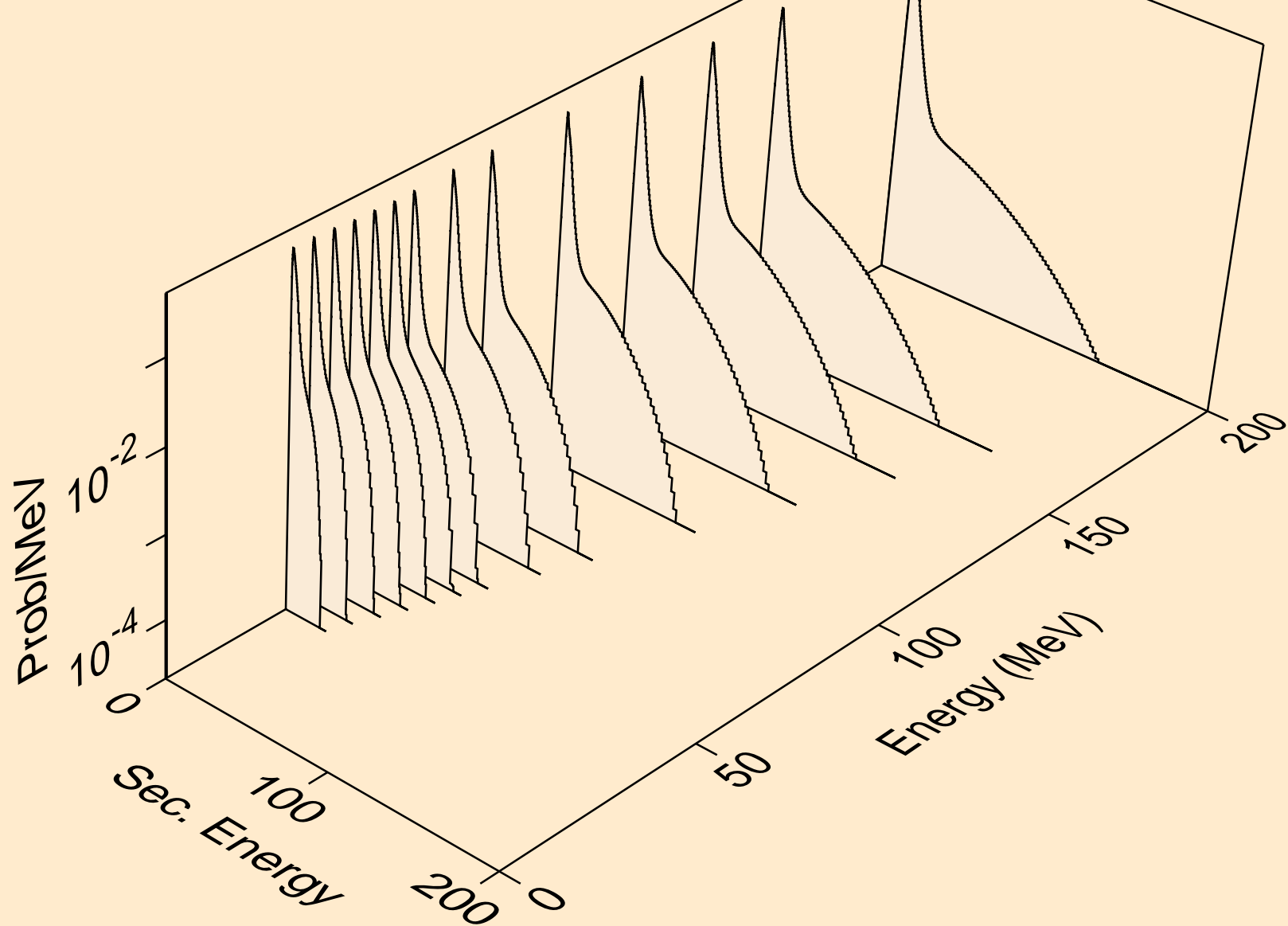
GA069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



GA069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n)

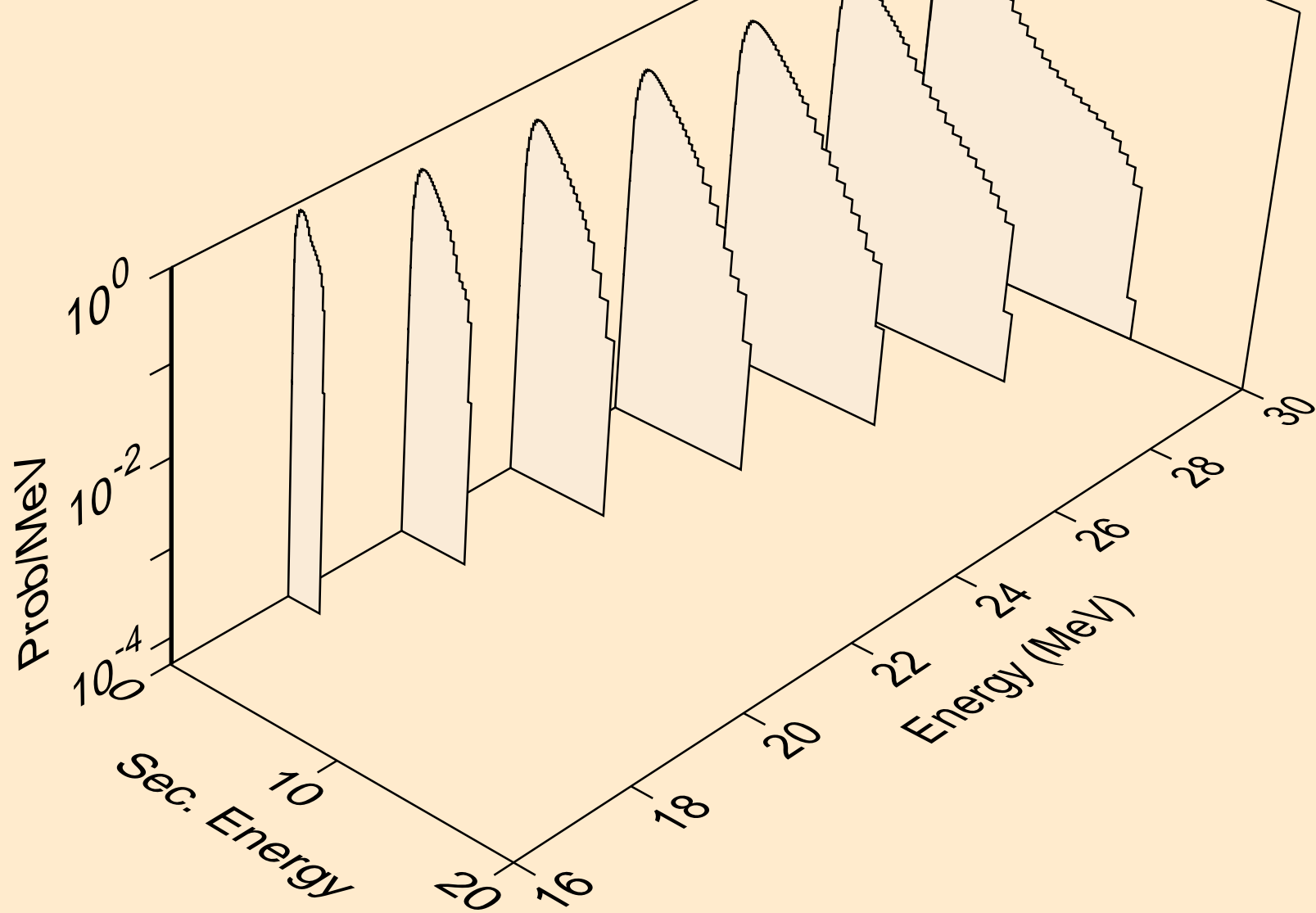


GA069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,x)

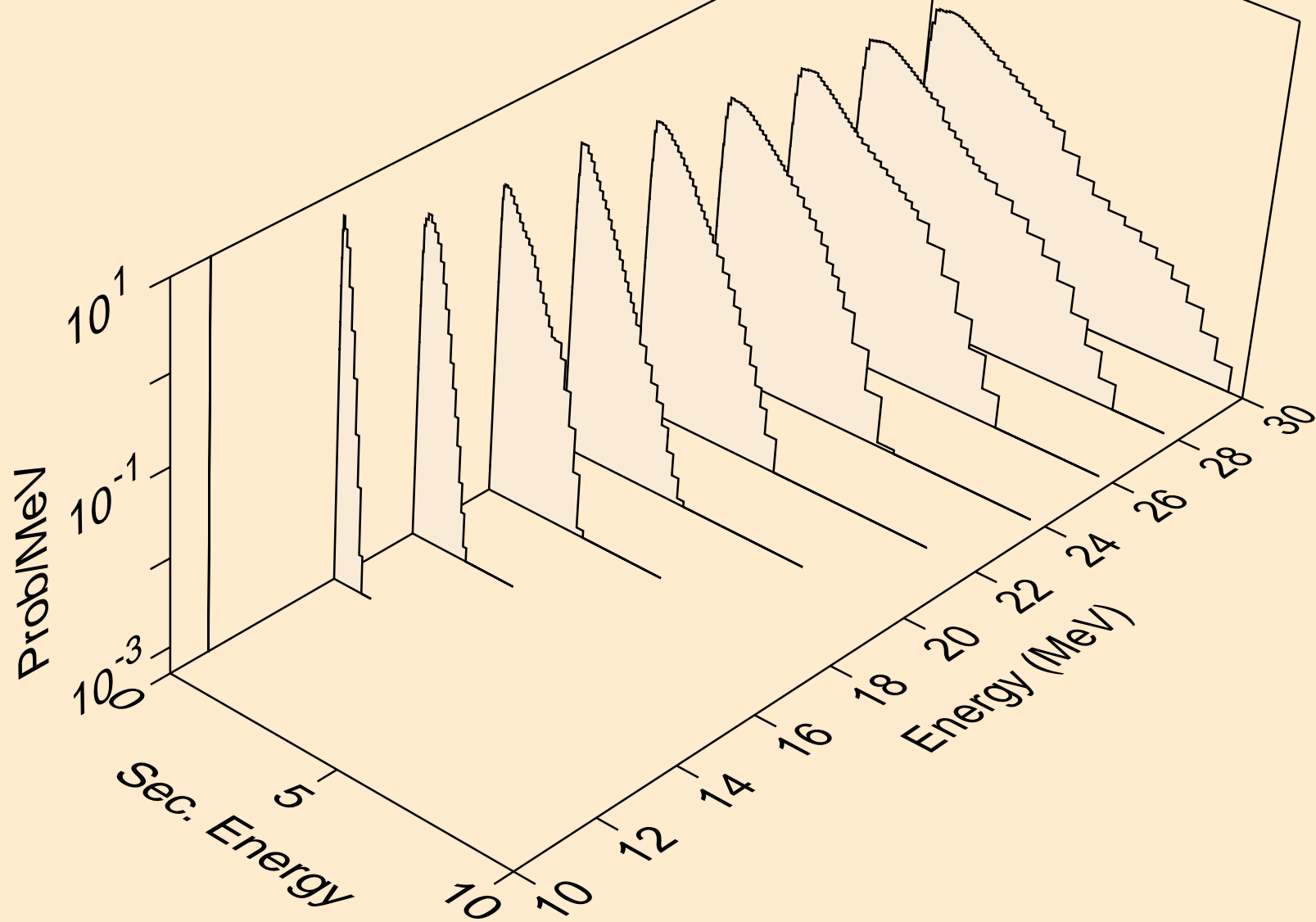




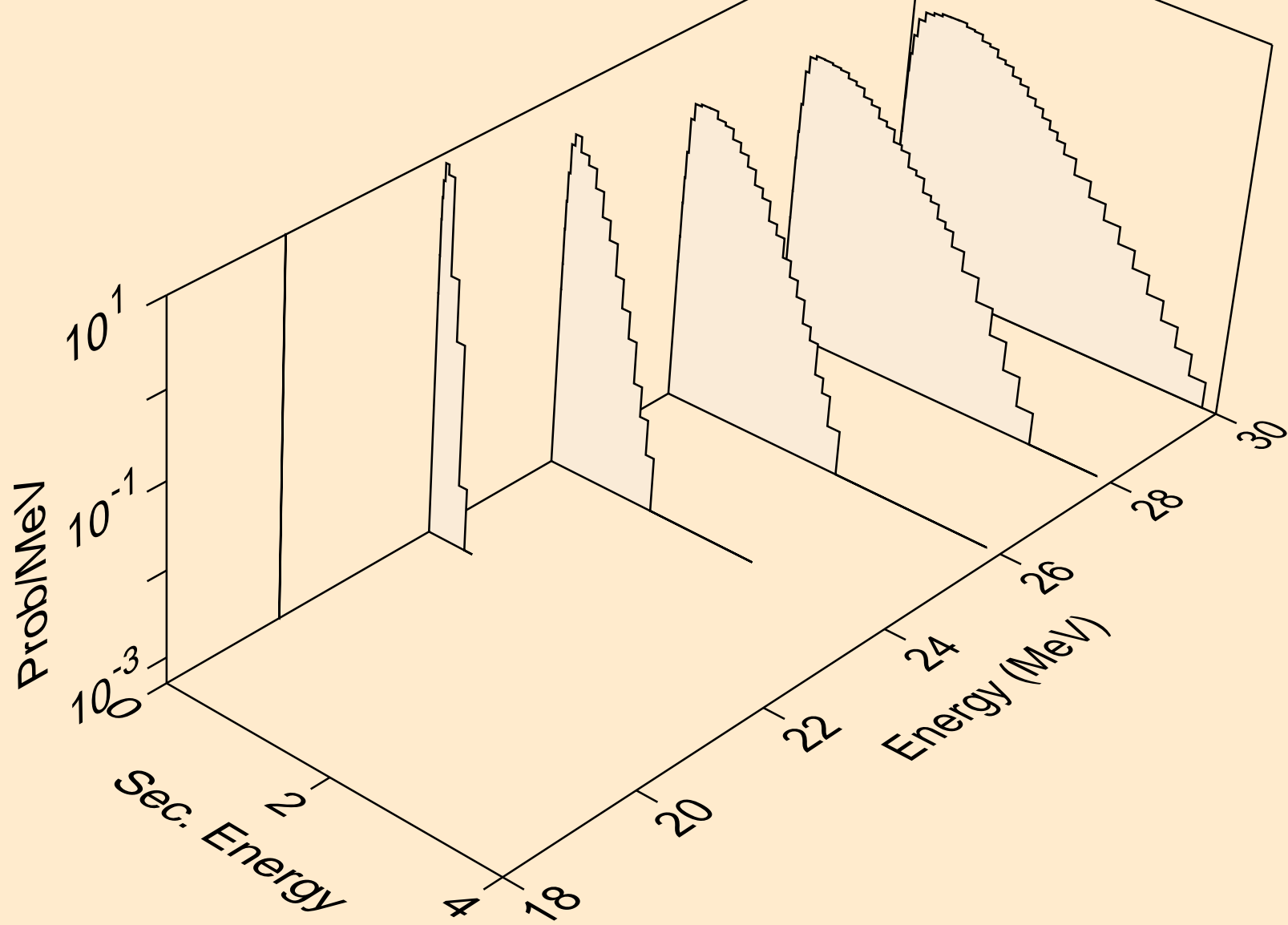
GA069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2n)



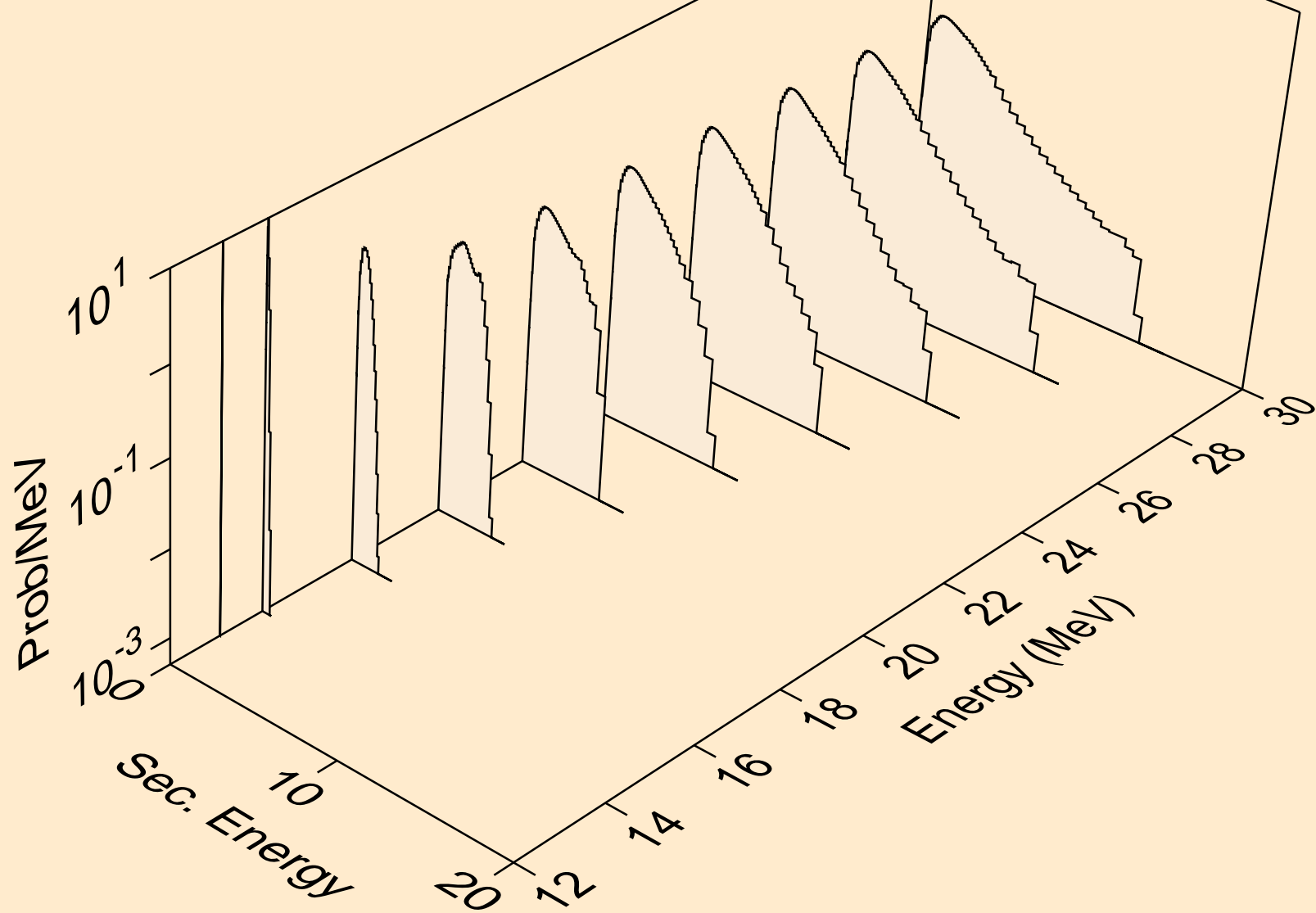
GA069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)a



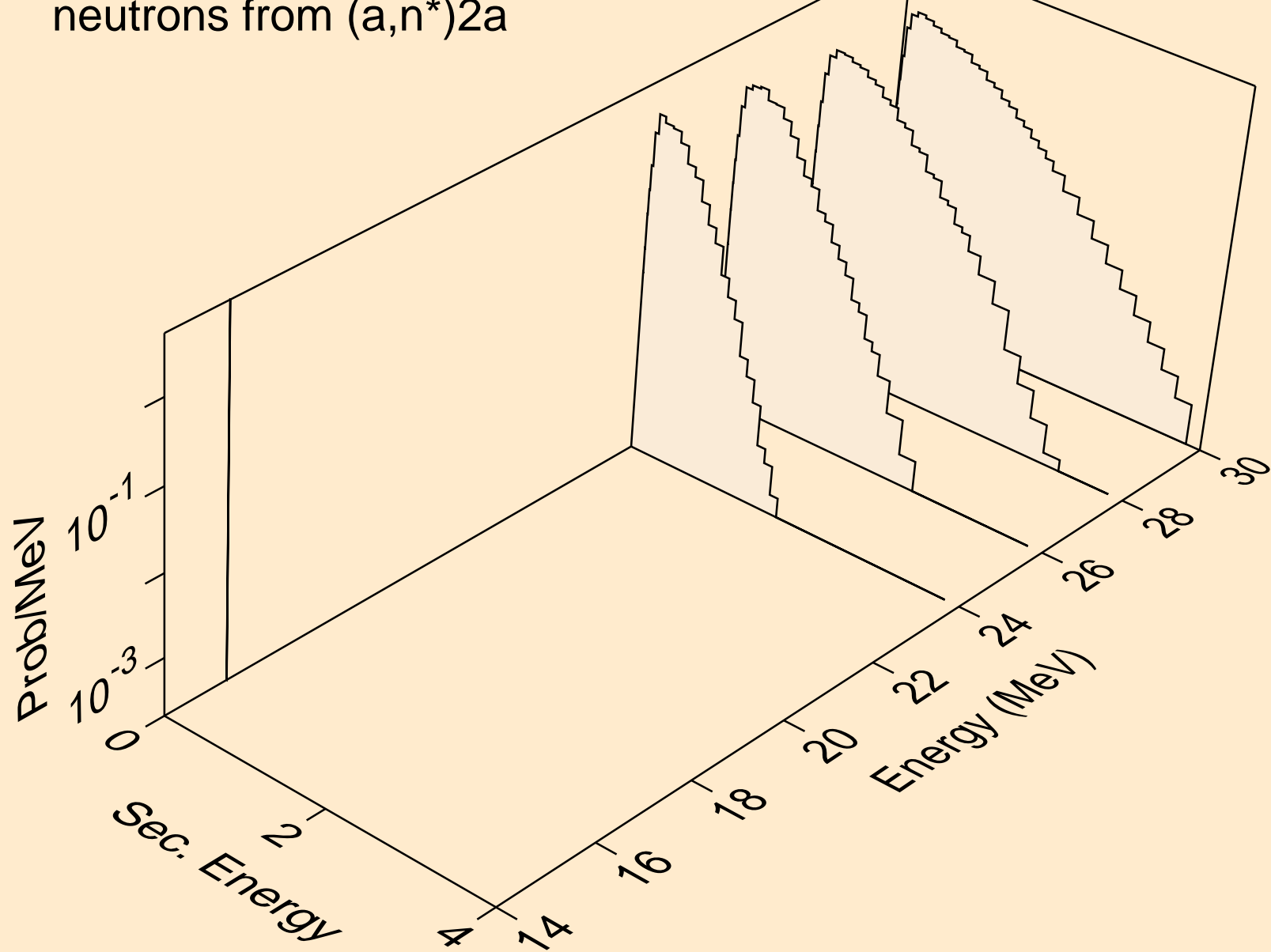
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neutrons from (a,2n)a



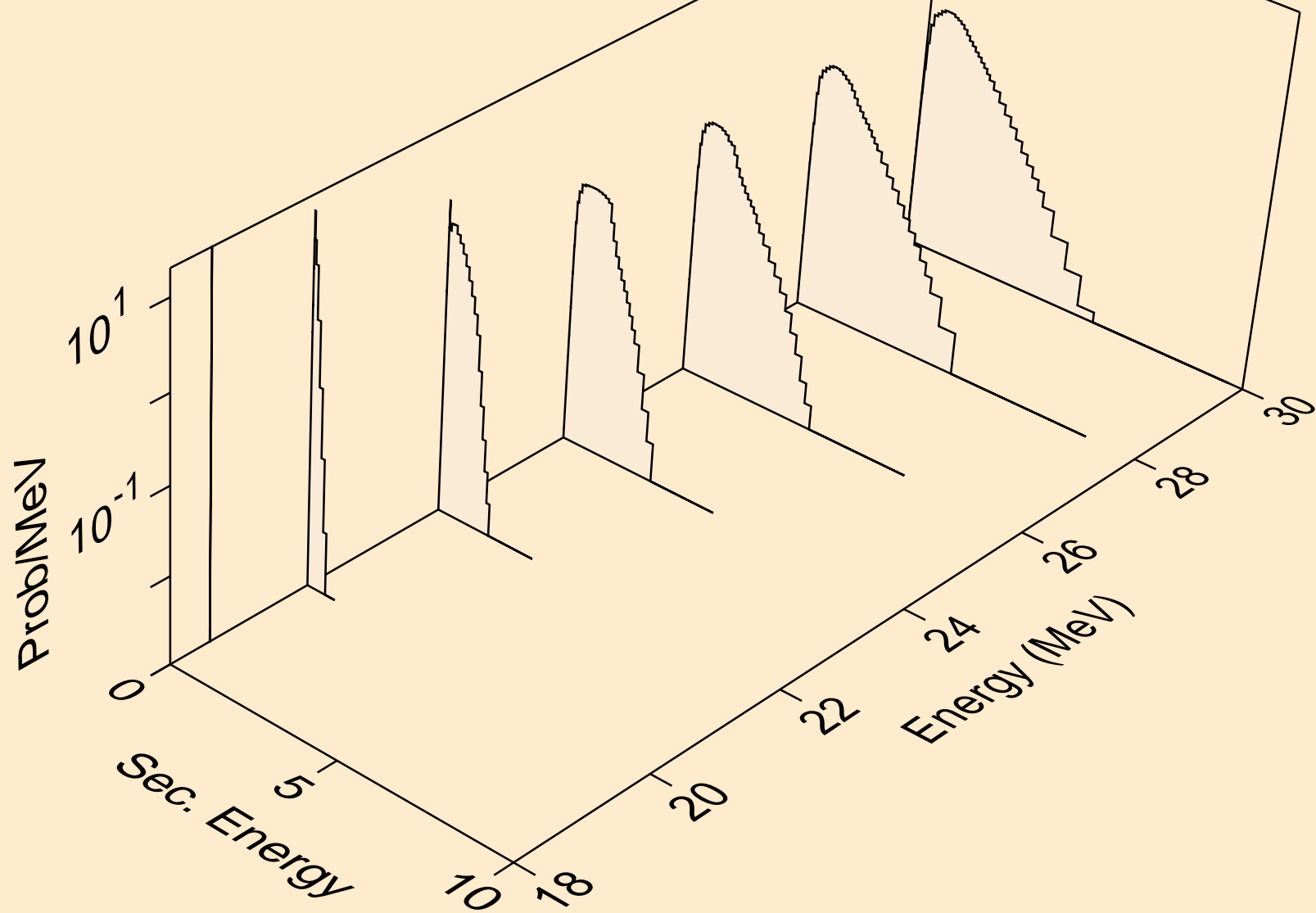
GA069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)p



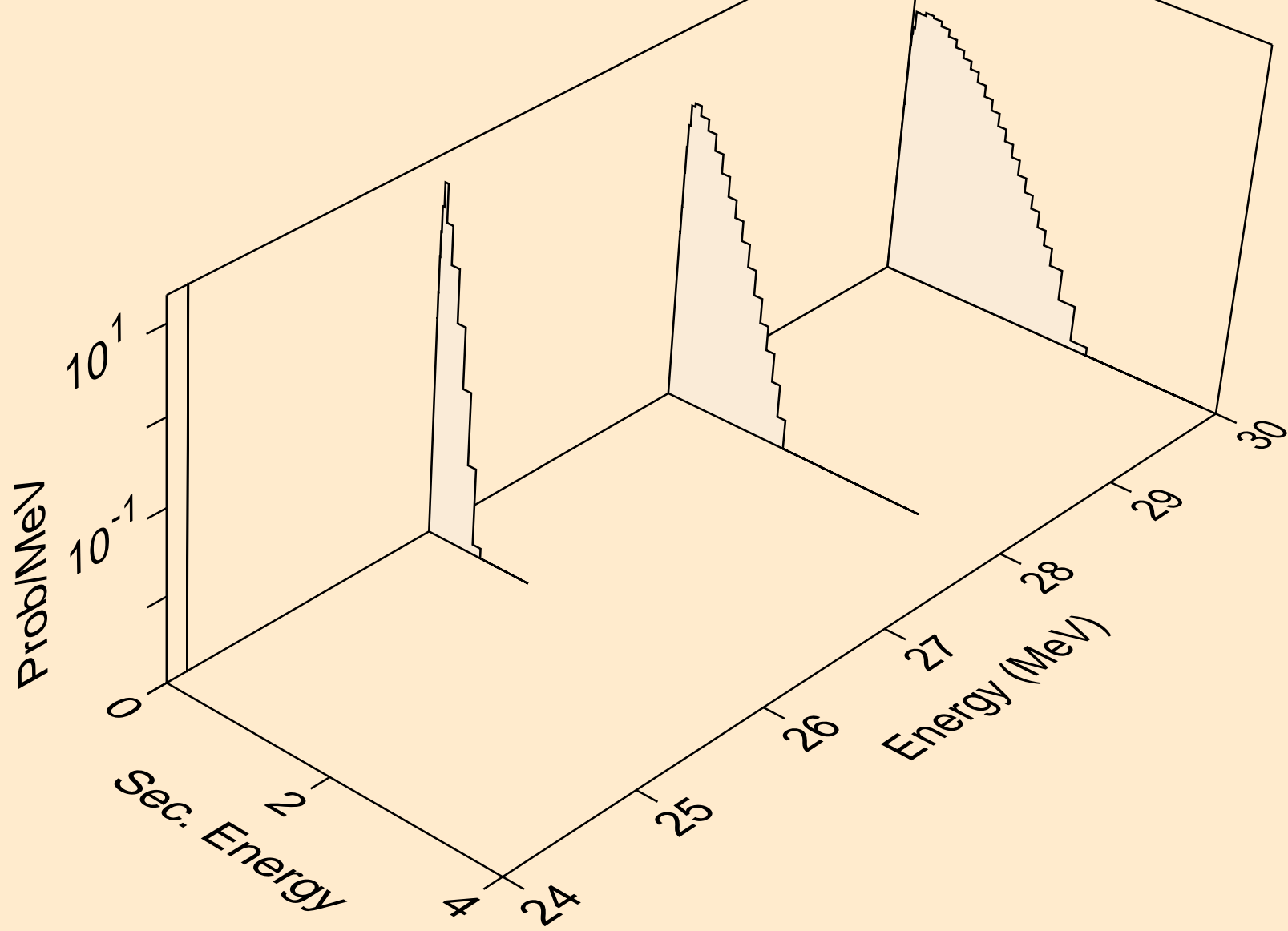
GA069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)2a



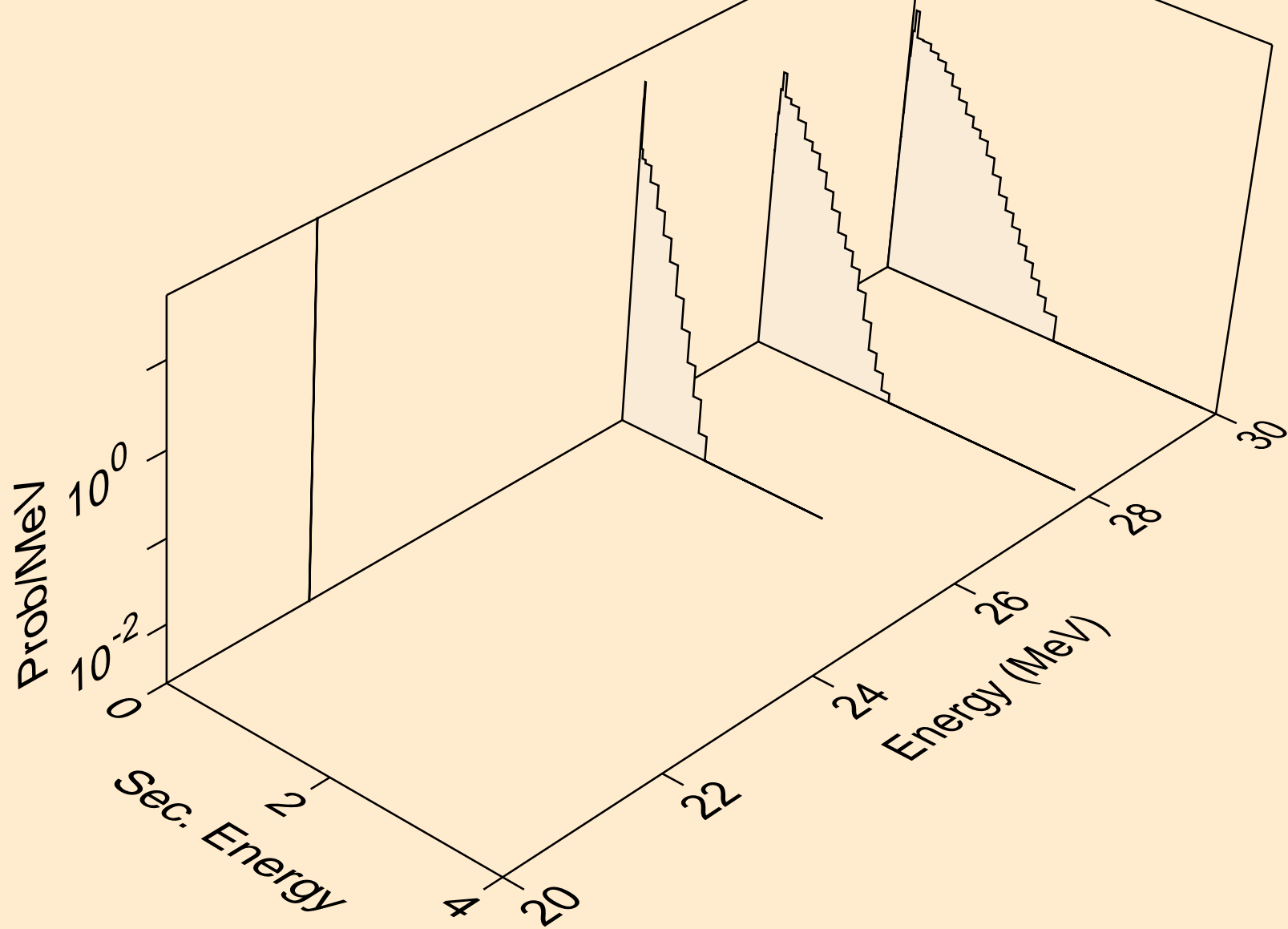
GA069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)d



GA069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)t

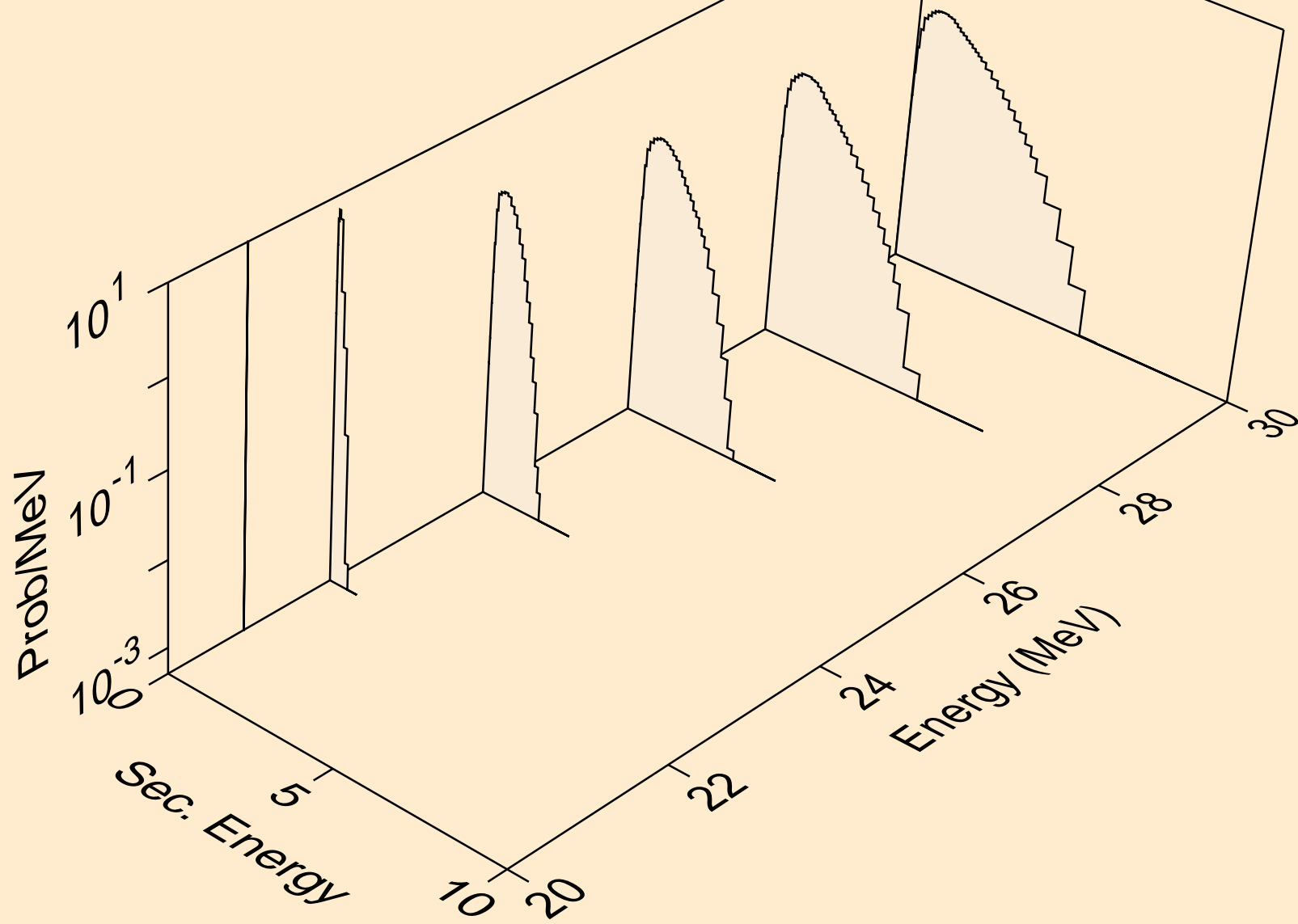


GA069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)he3

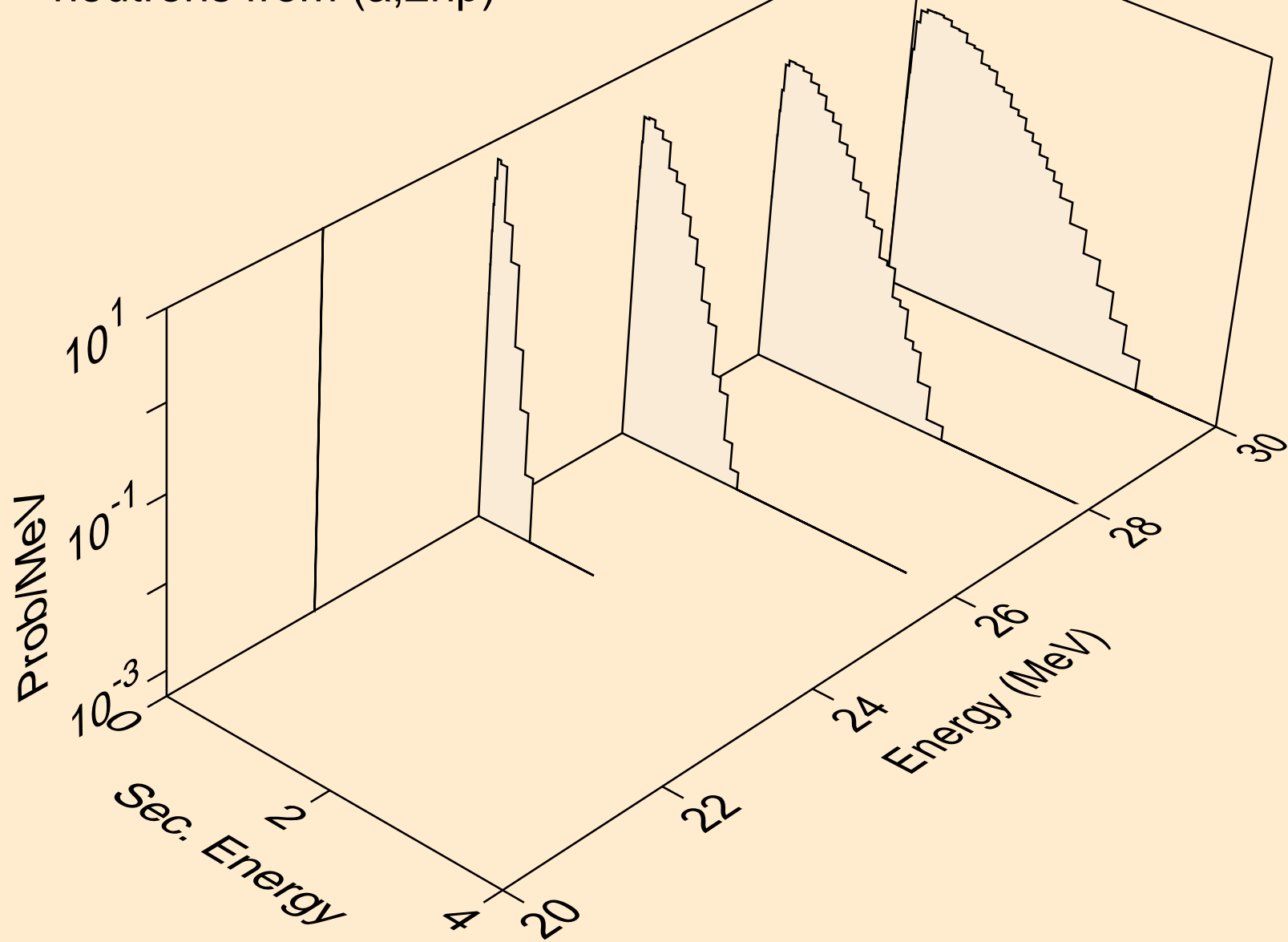




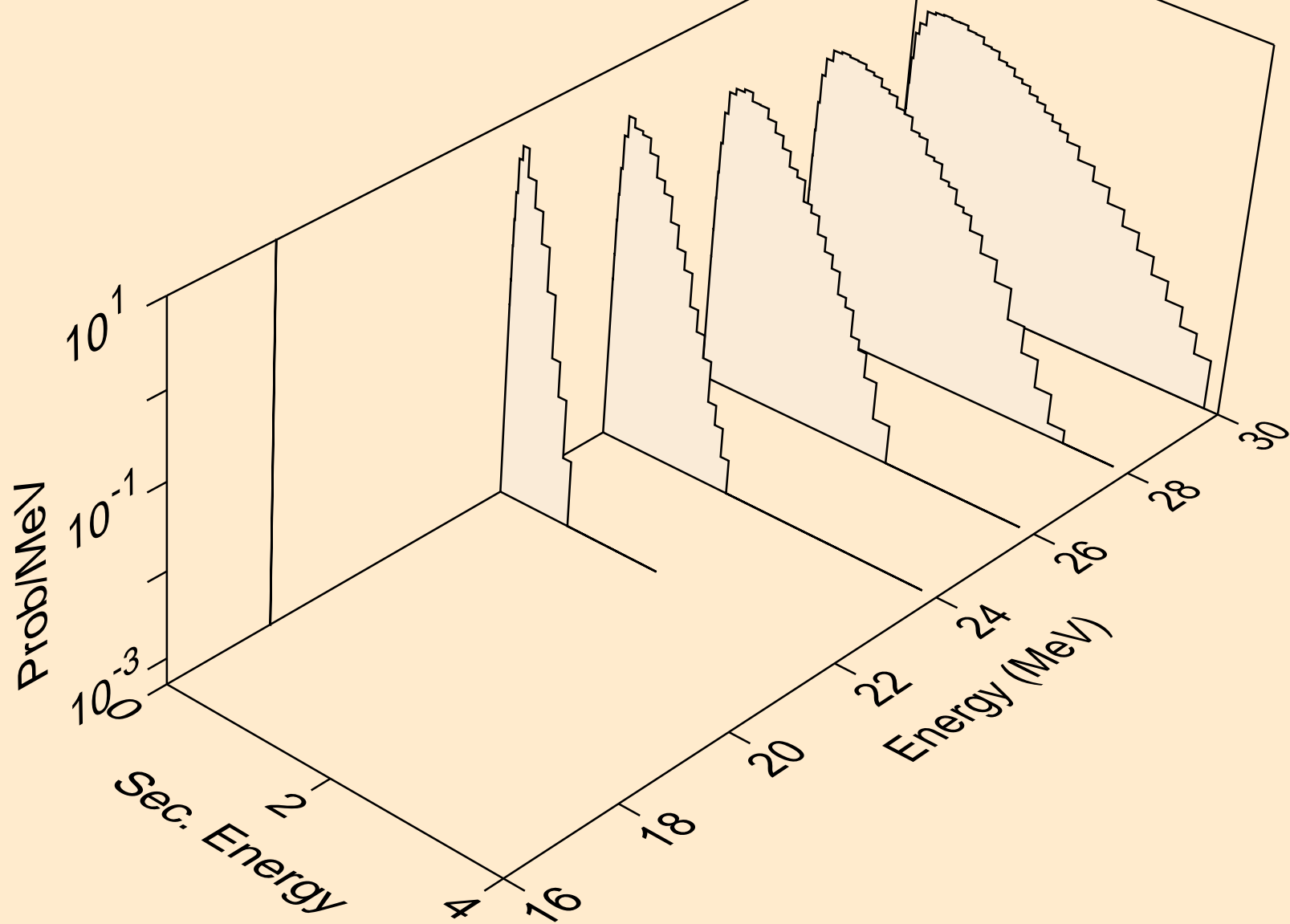
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neutrons from (a,2np)



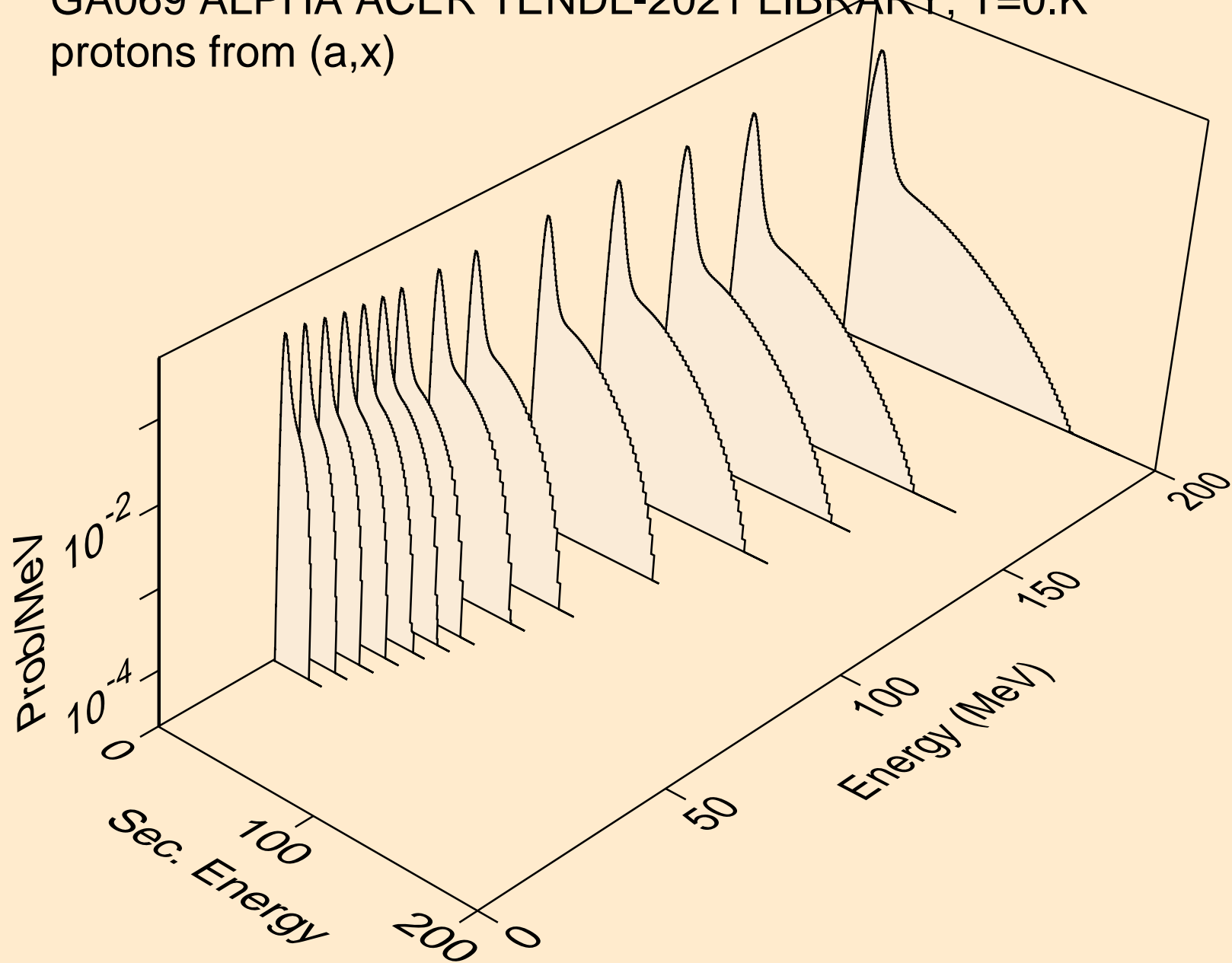
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neutrons from (a,2np)



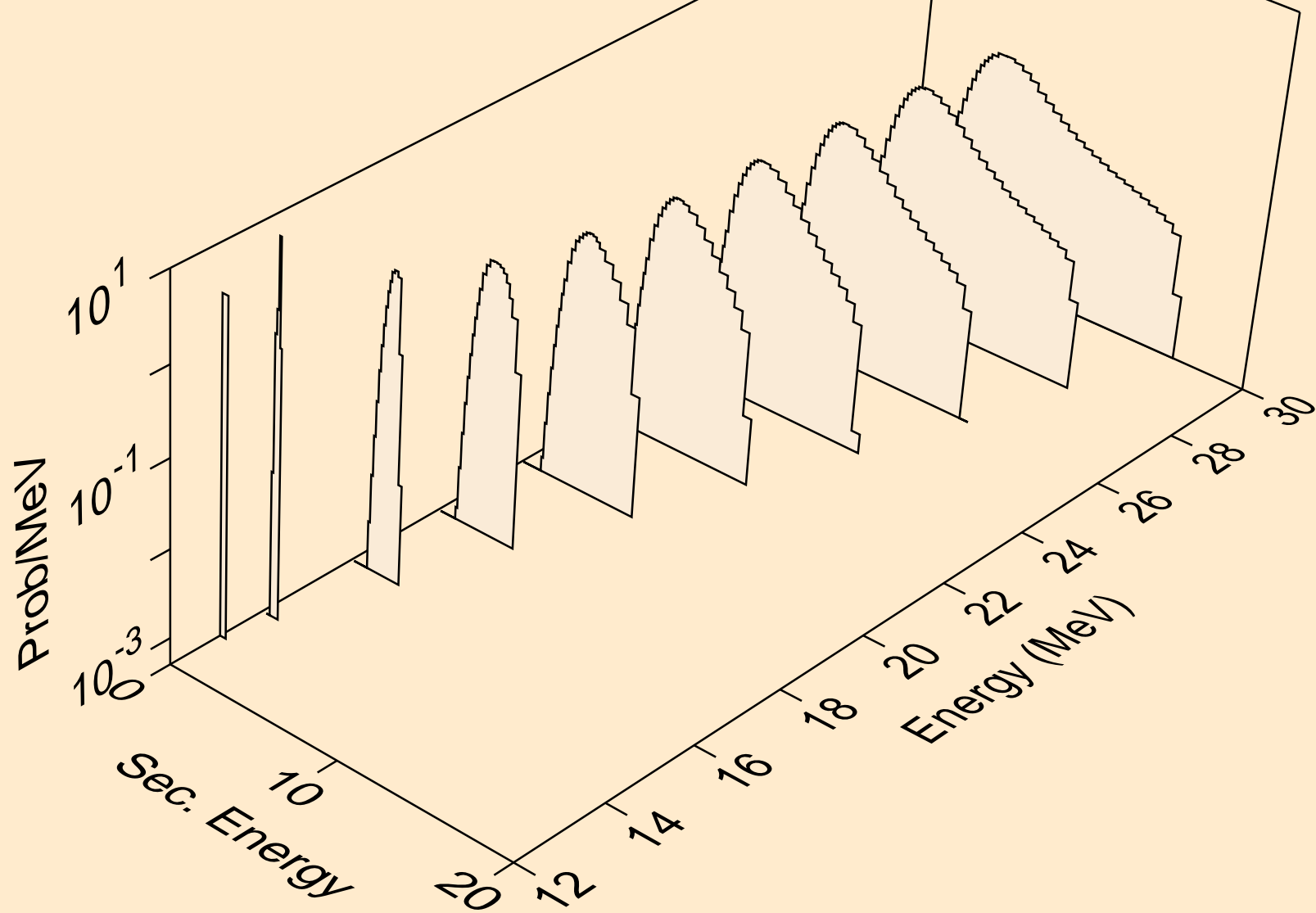
GA069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,npa)



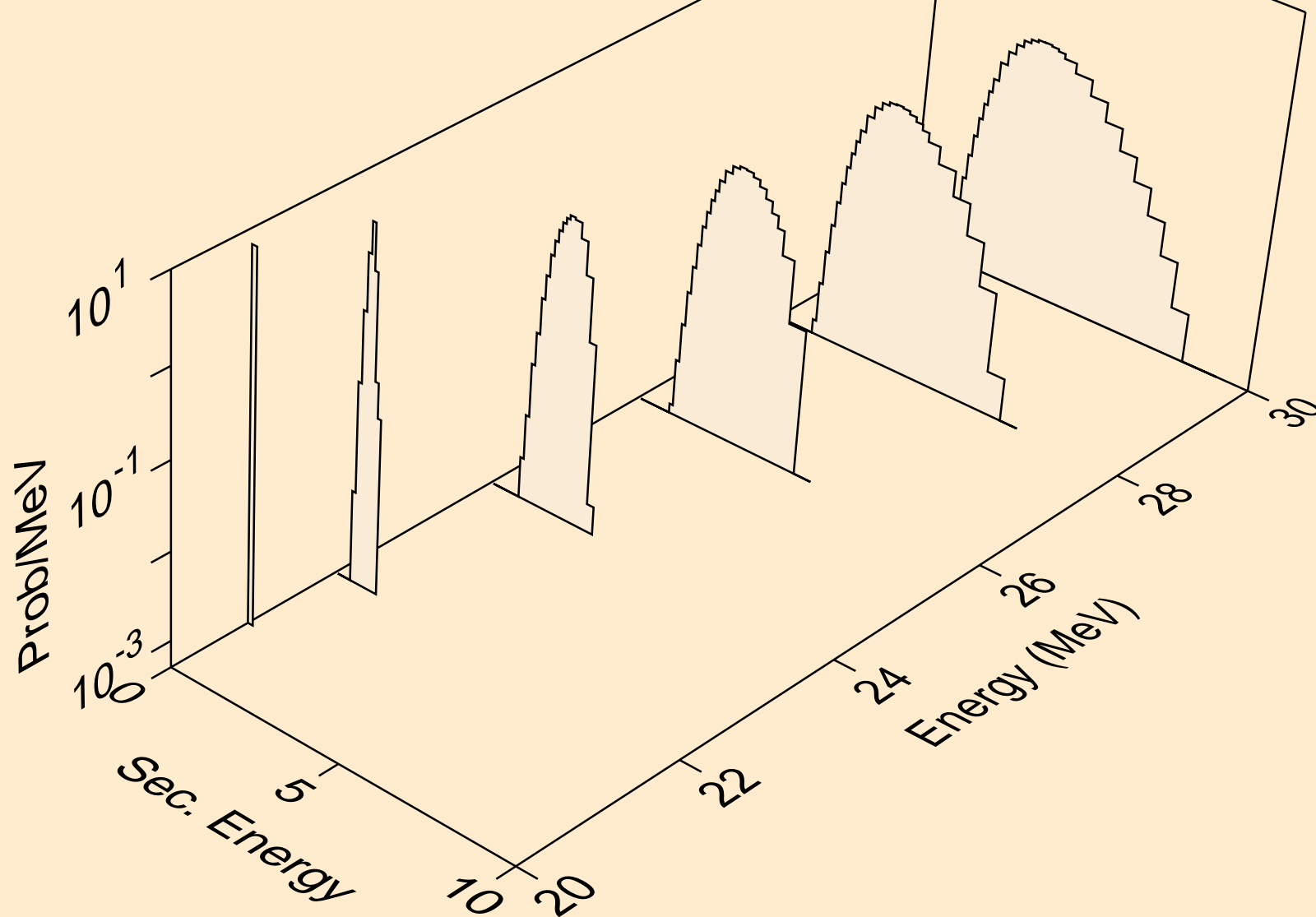
GA069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,x)



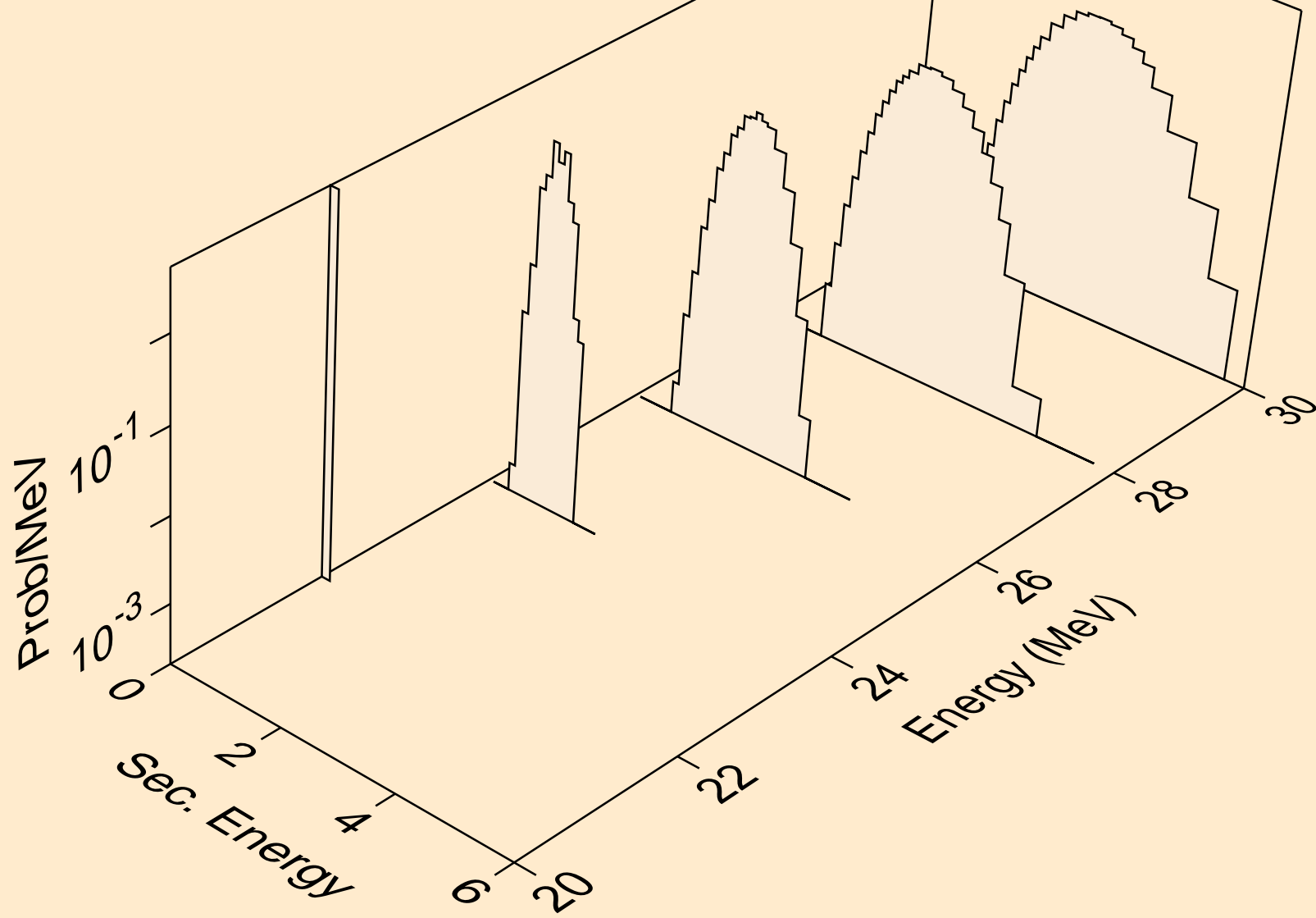
GA069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,n\*)p



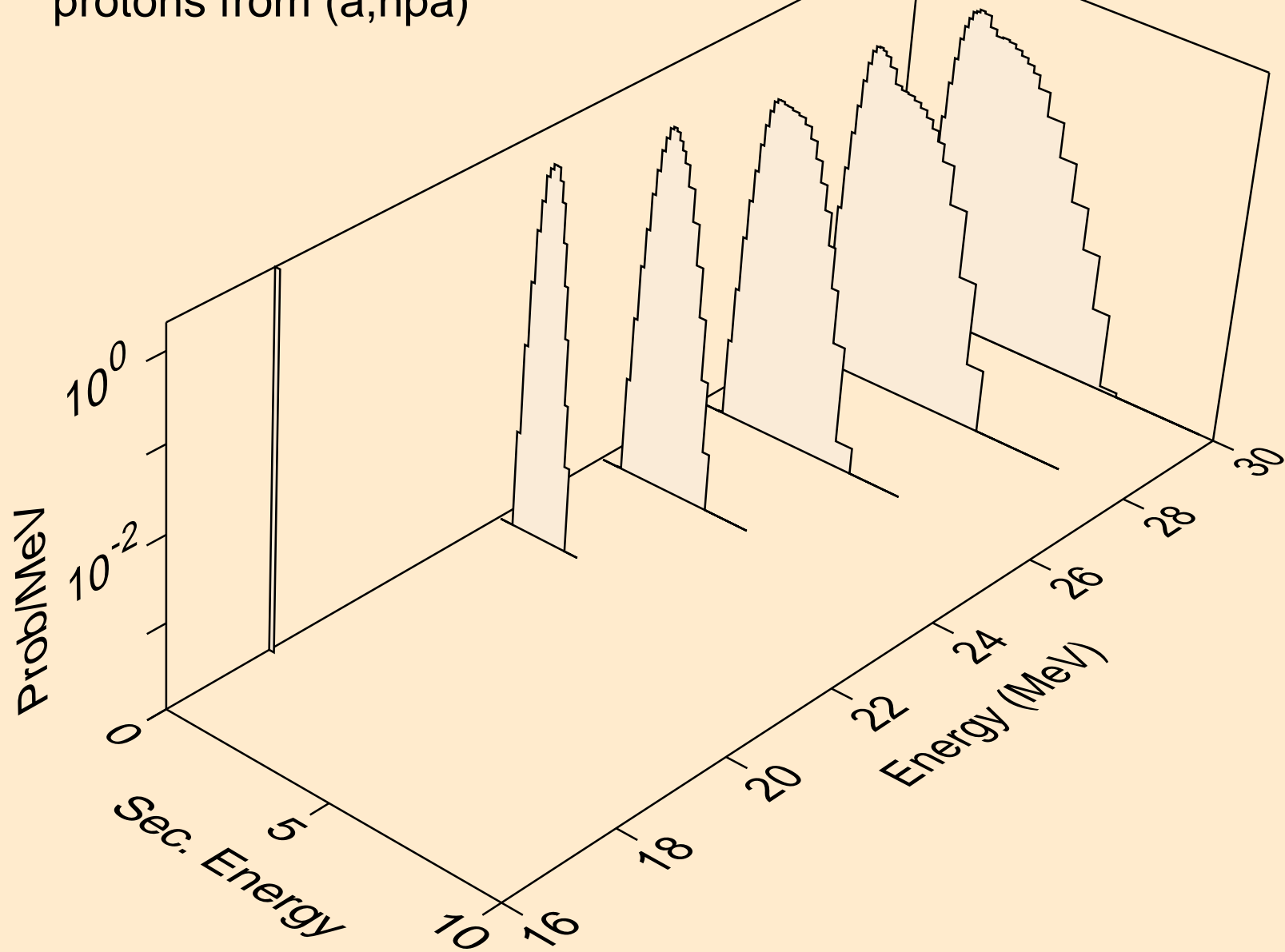
GA069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,2np)



GA069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,2np)

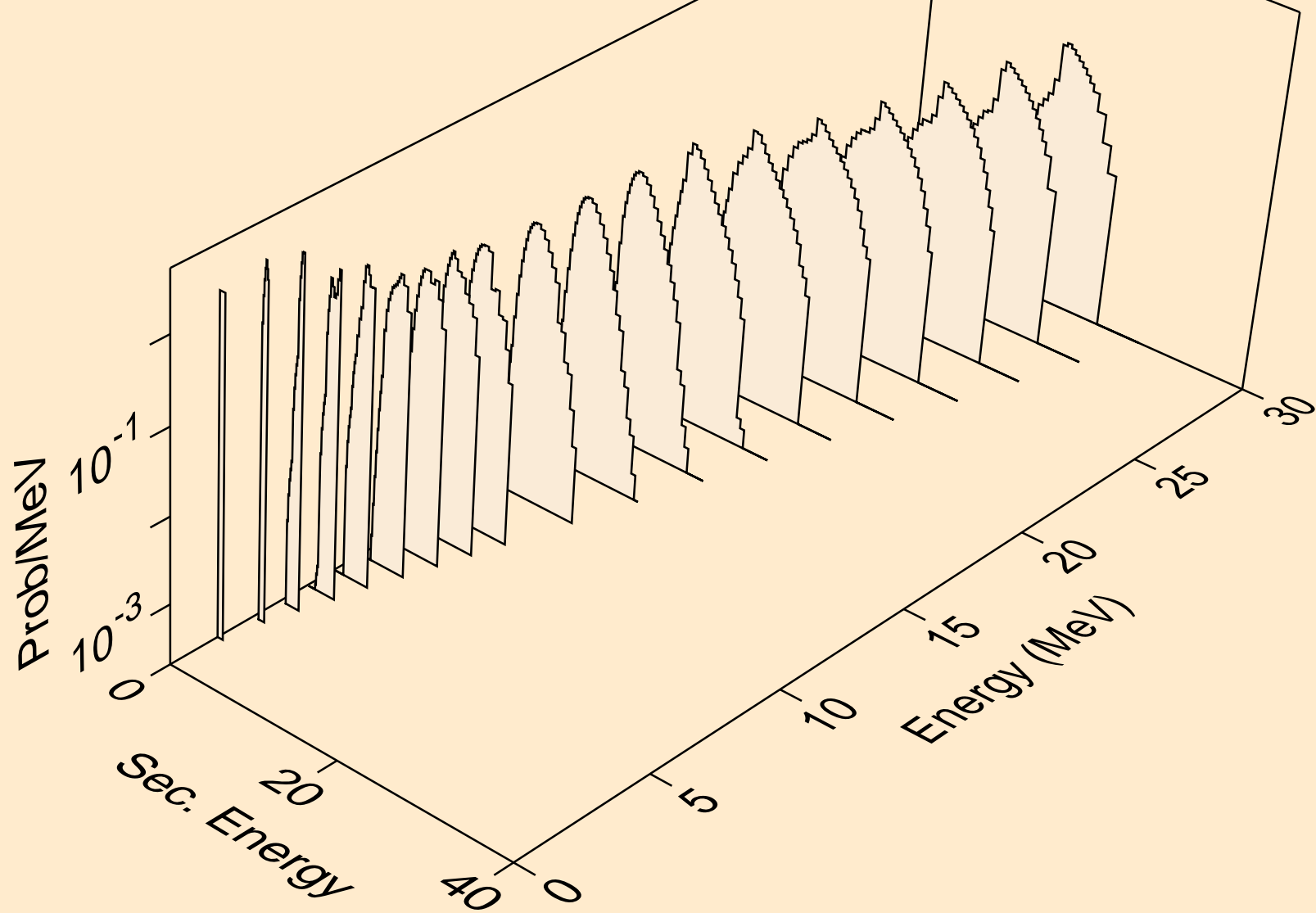


GA069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,npa)

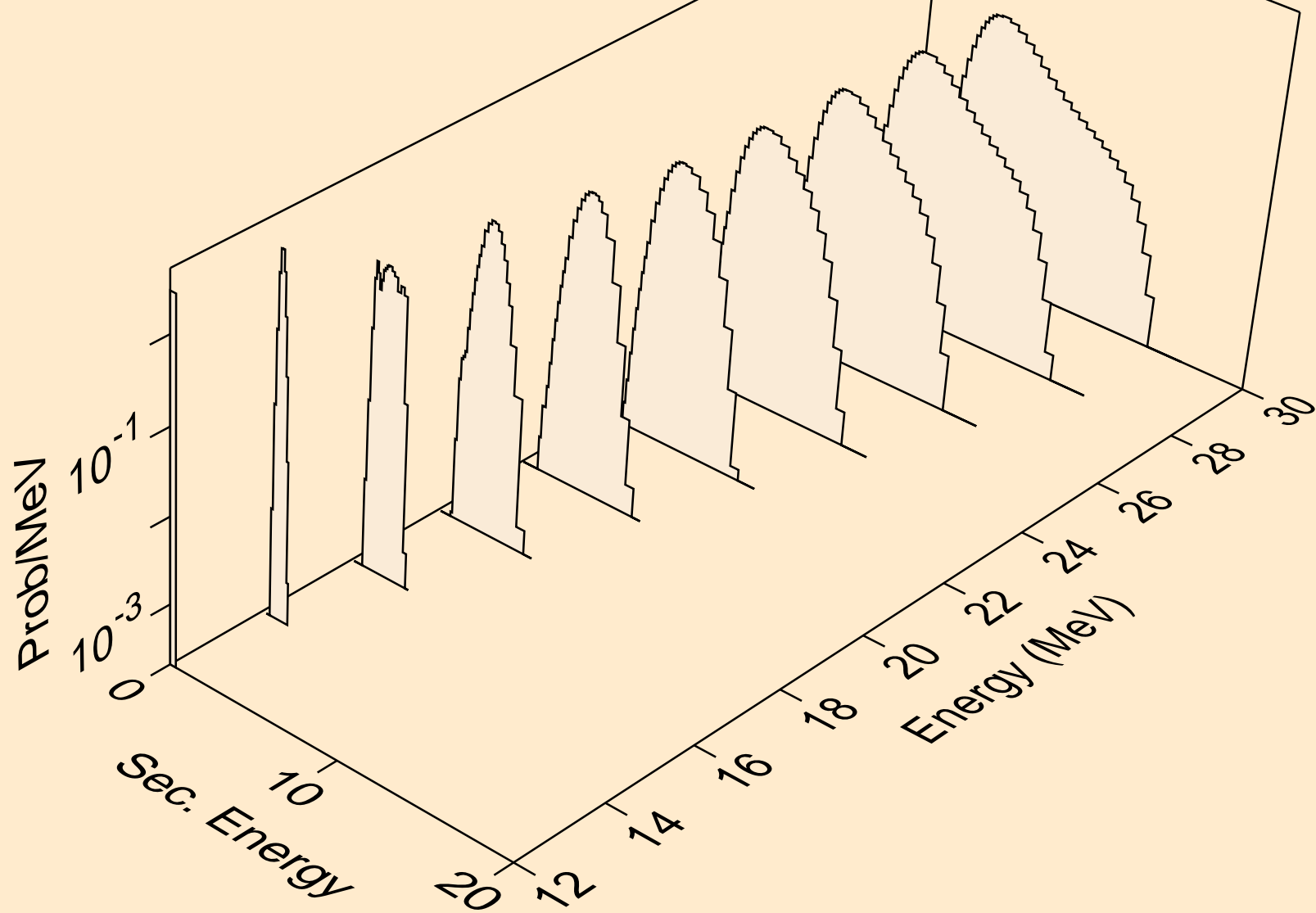




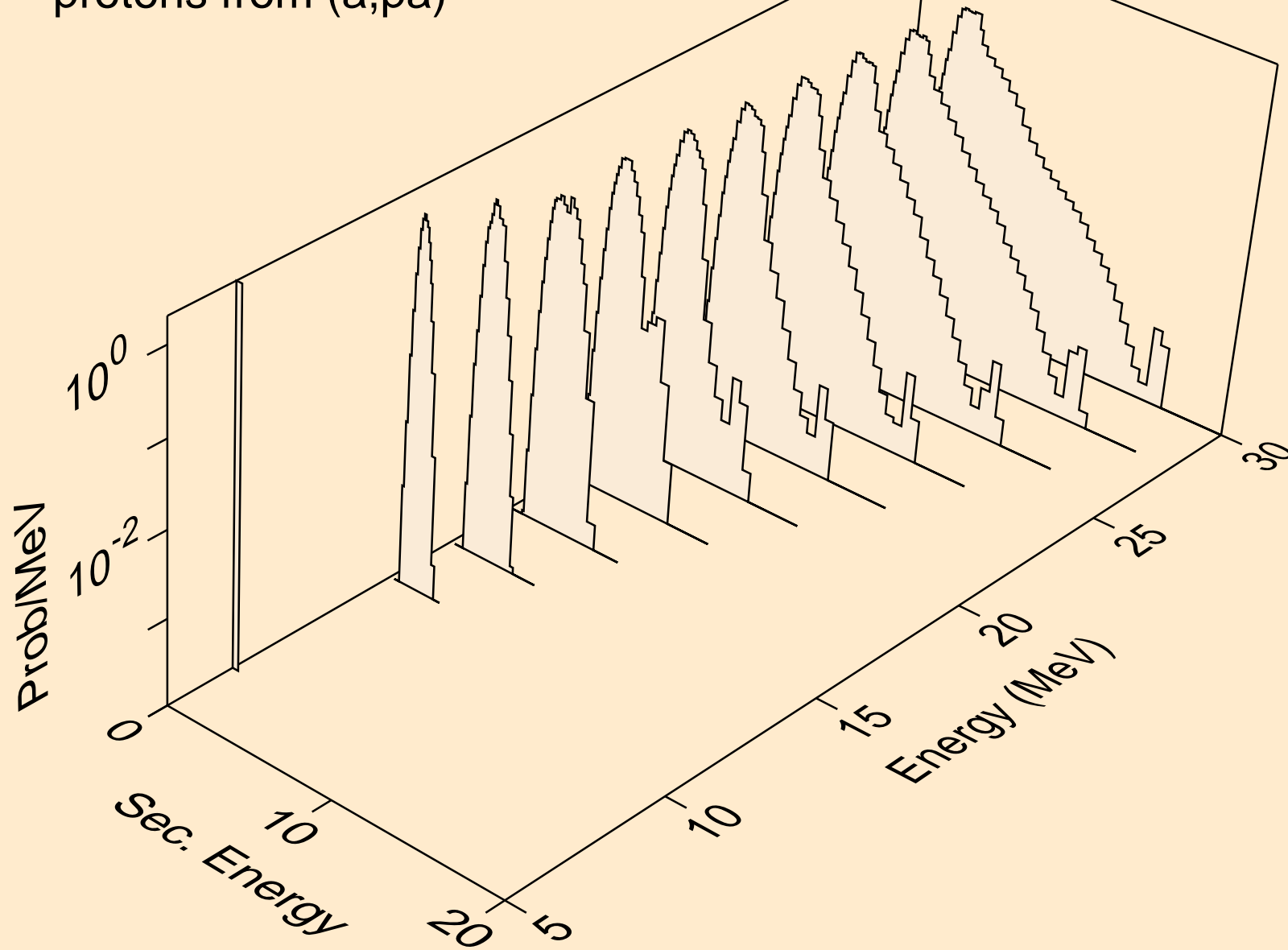
GA069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,p)



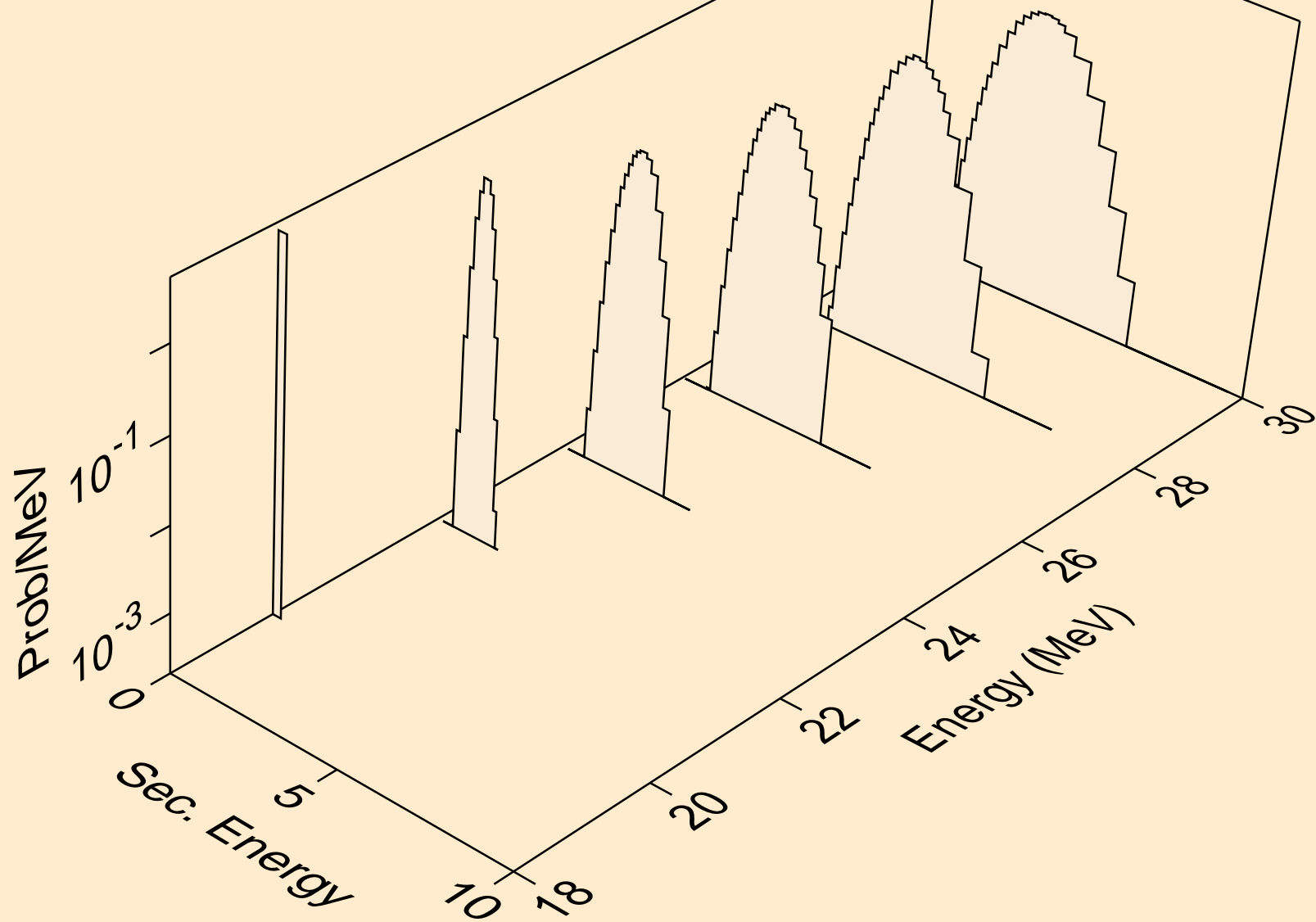
GA069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,2p)



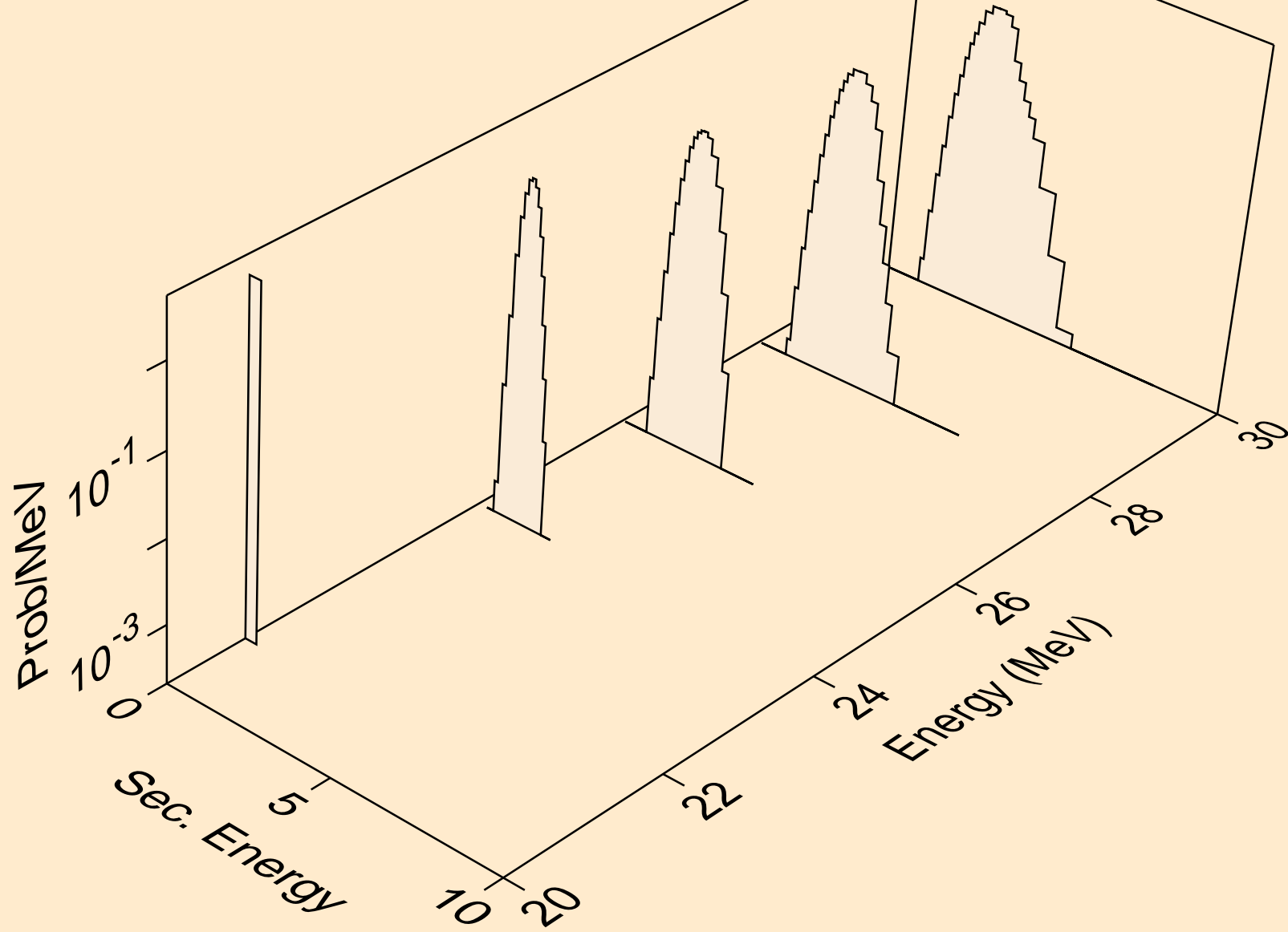
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protons from (a,pa)



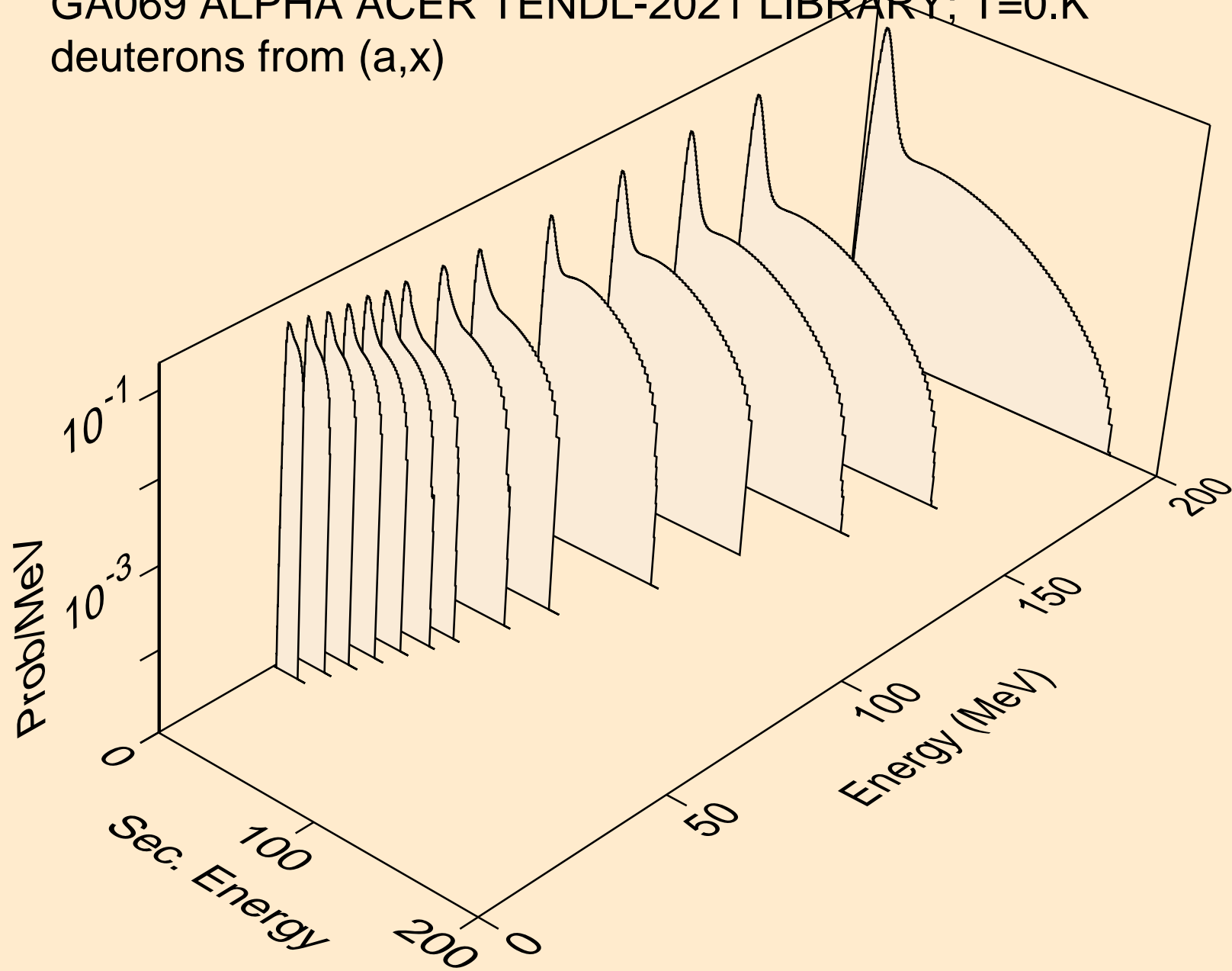
GA069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,pd)



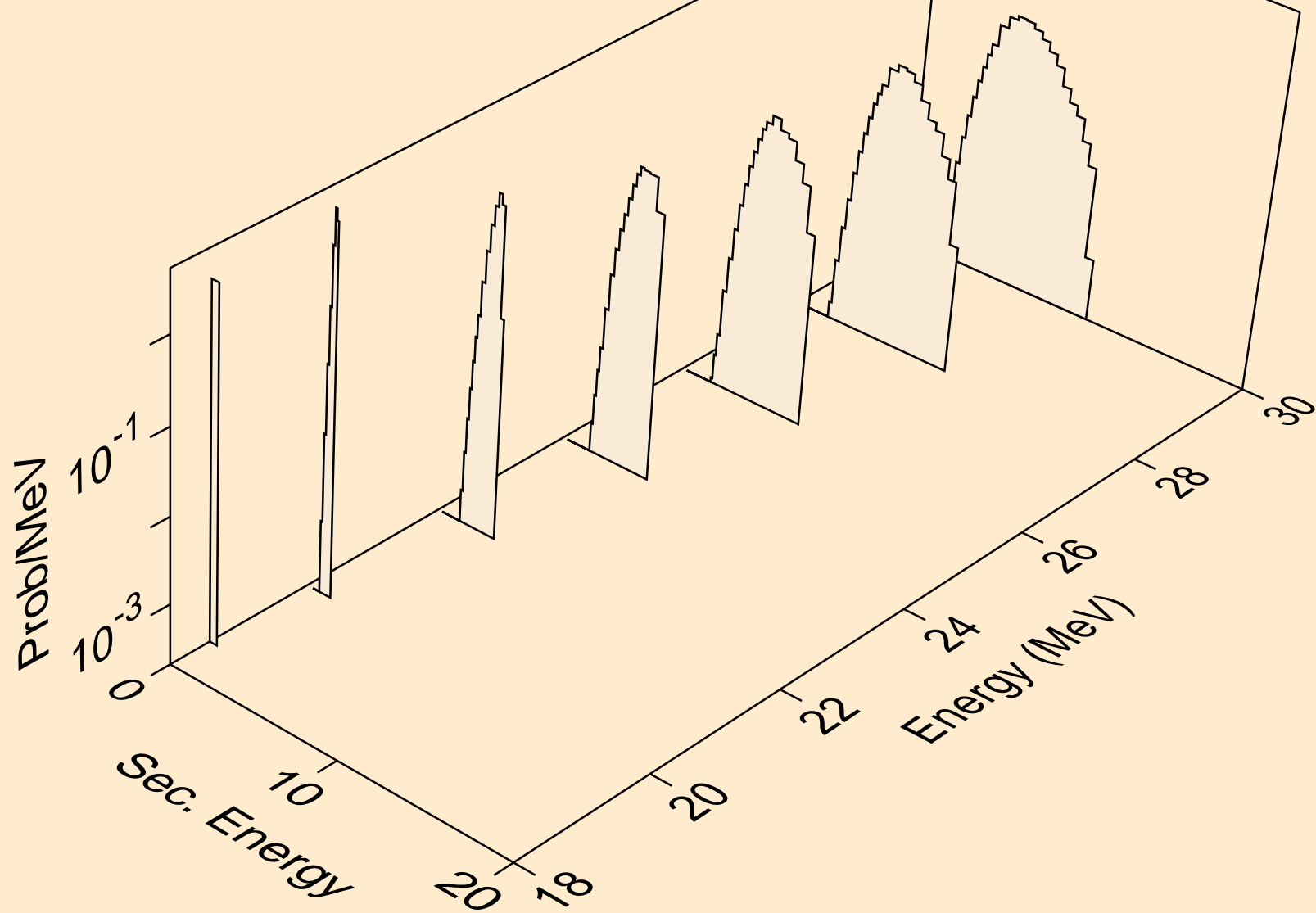
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protons from (a,pt)



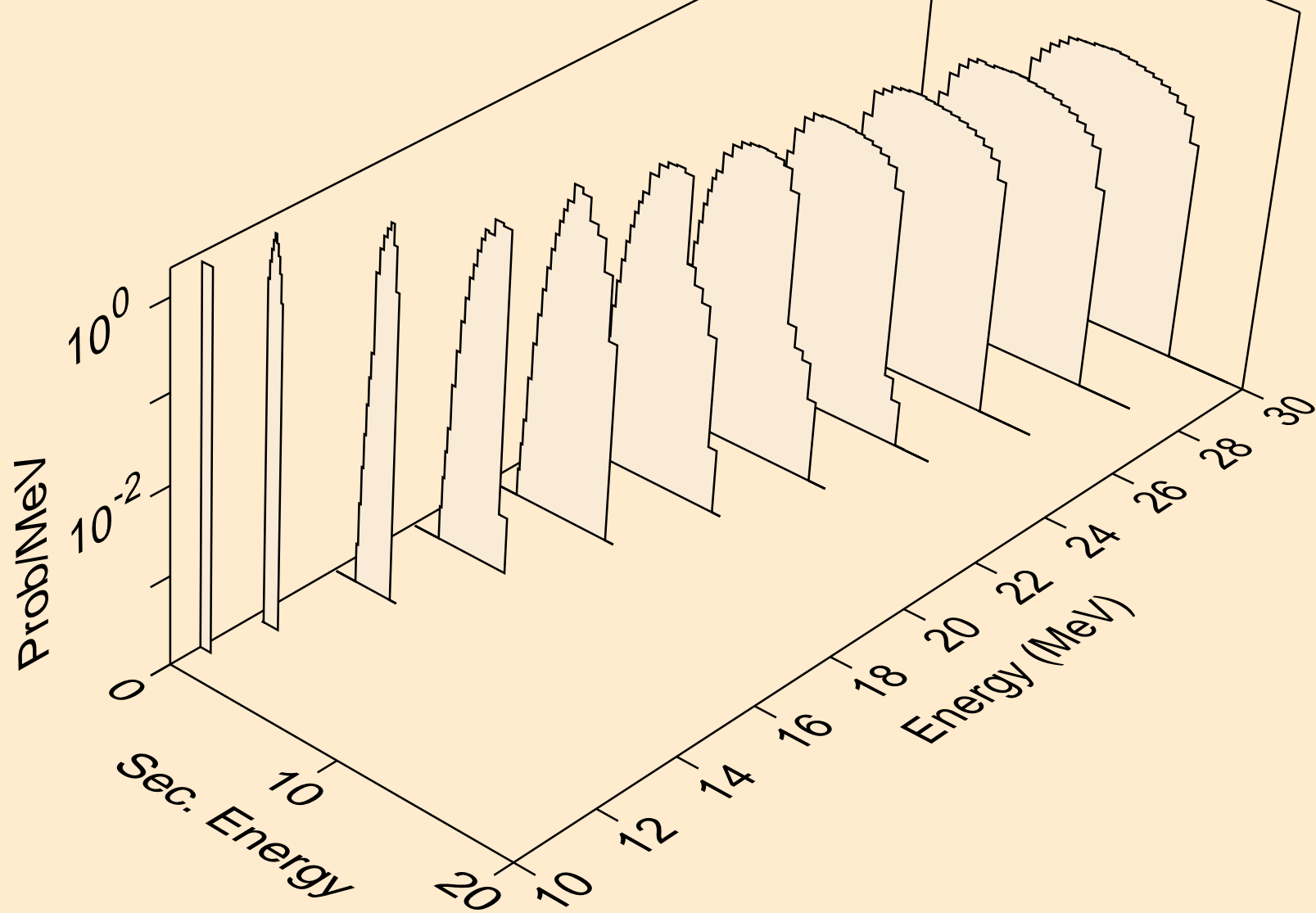
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deuterons from (a,x)



GA069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,n\*)d

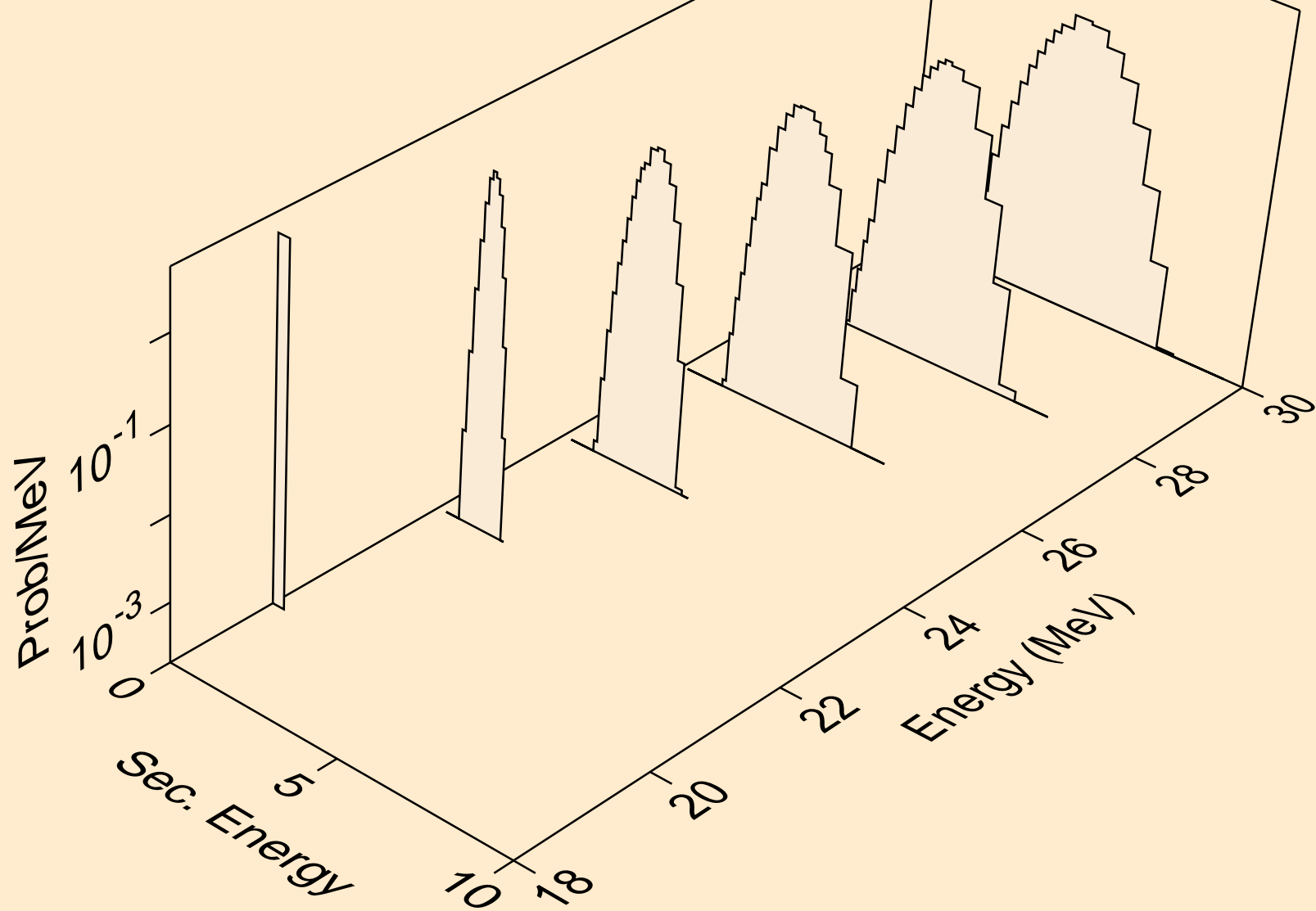


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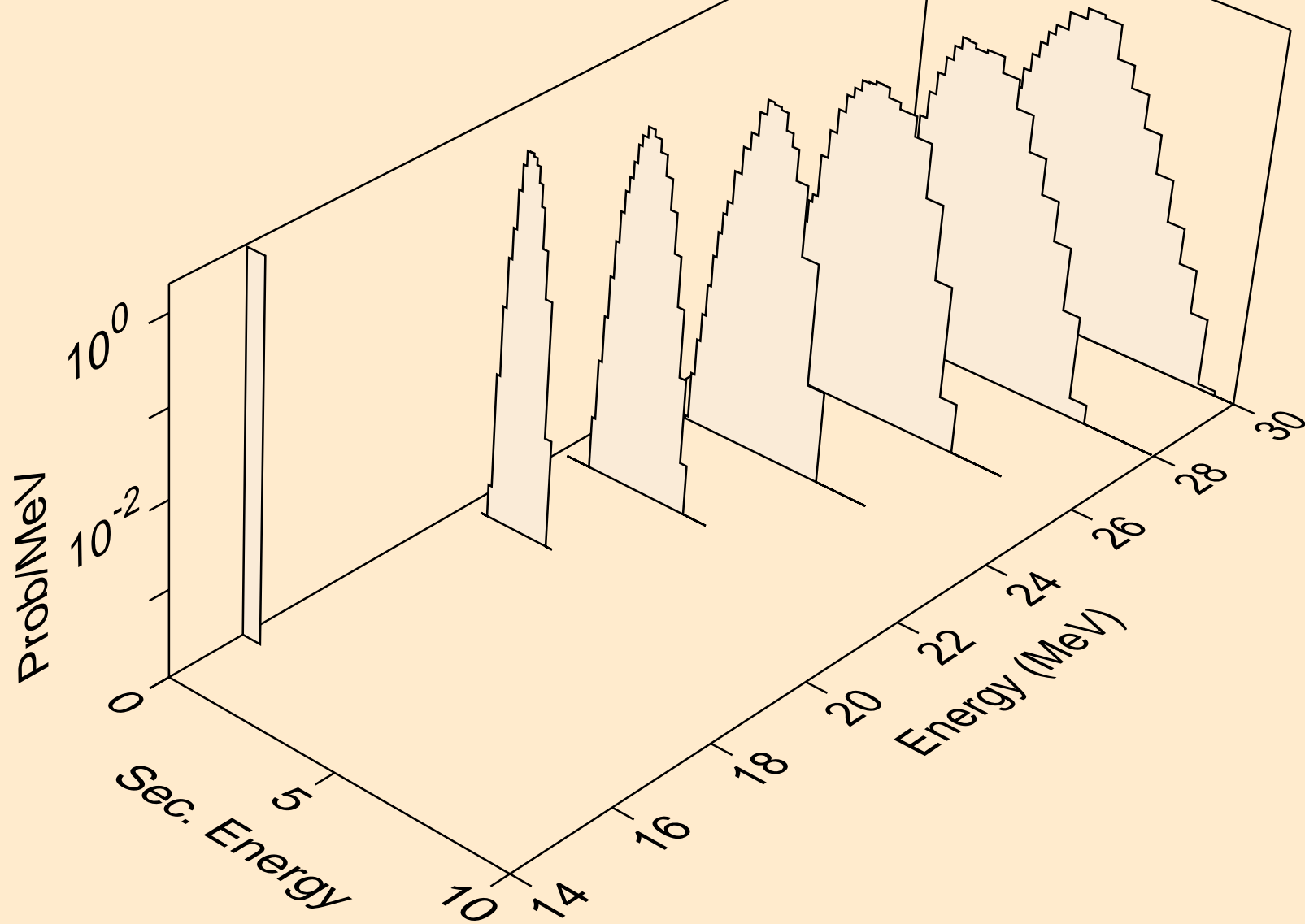




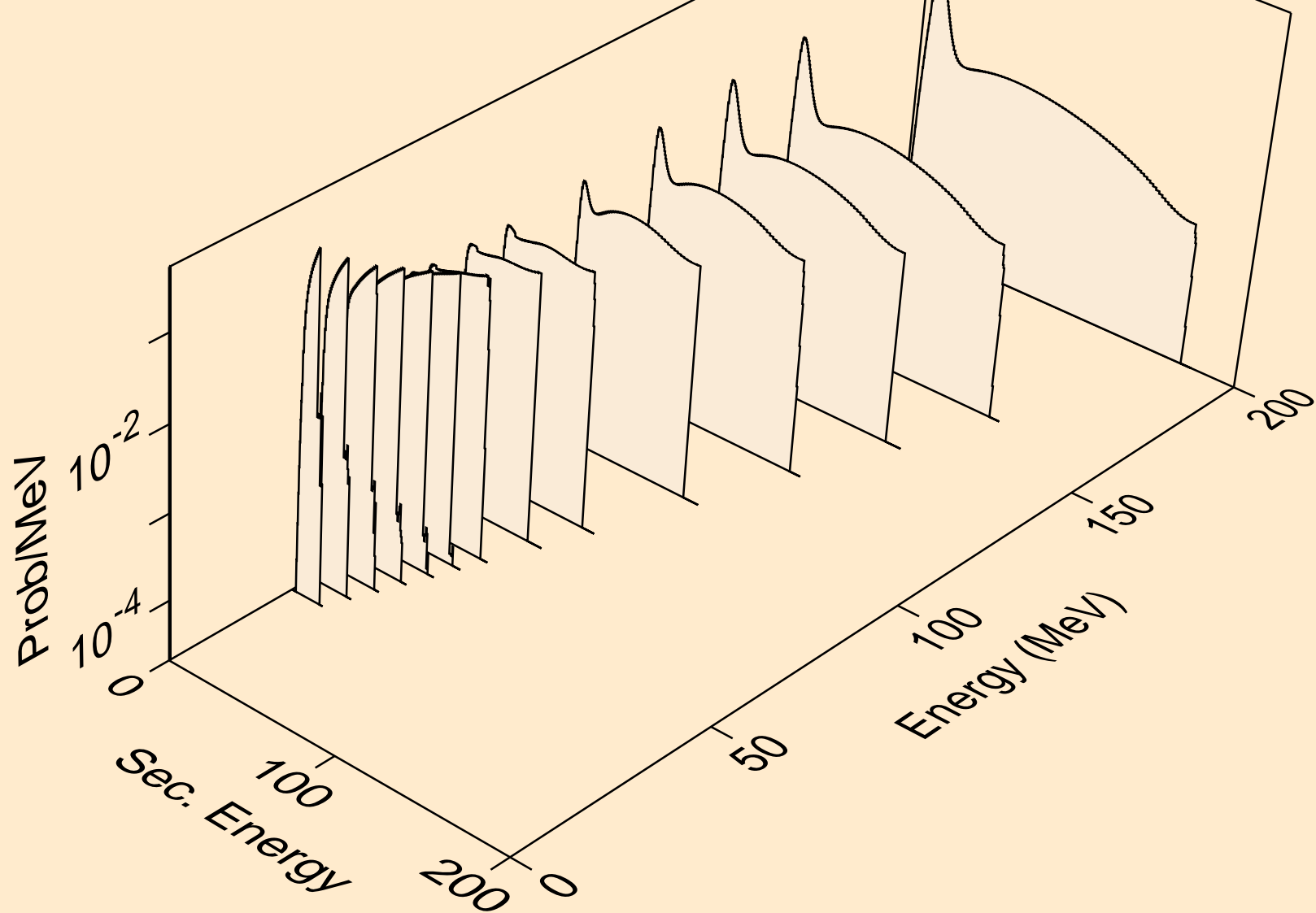
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deuterons from (a,pd)



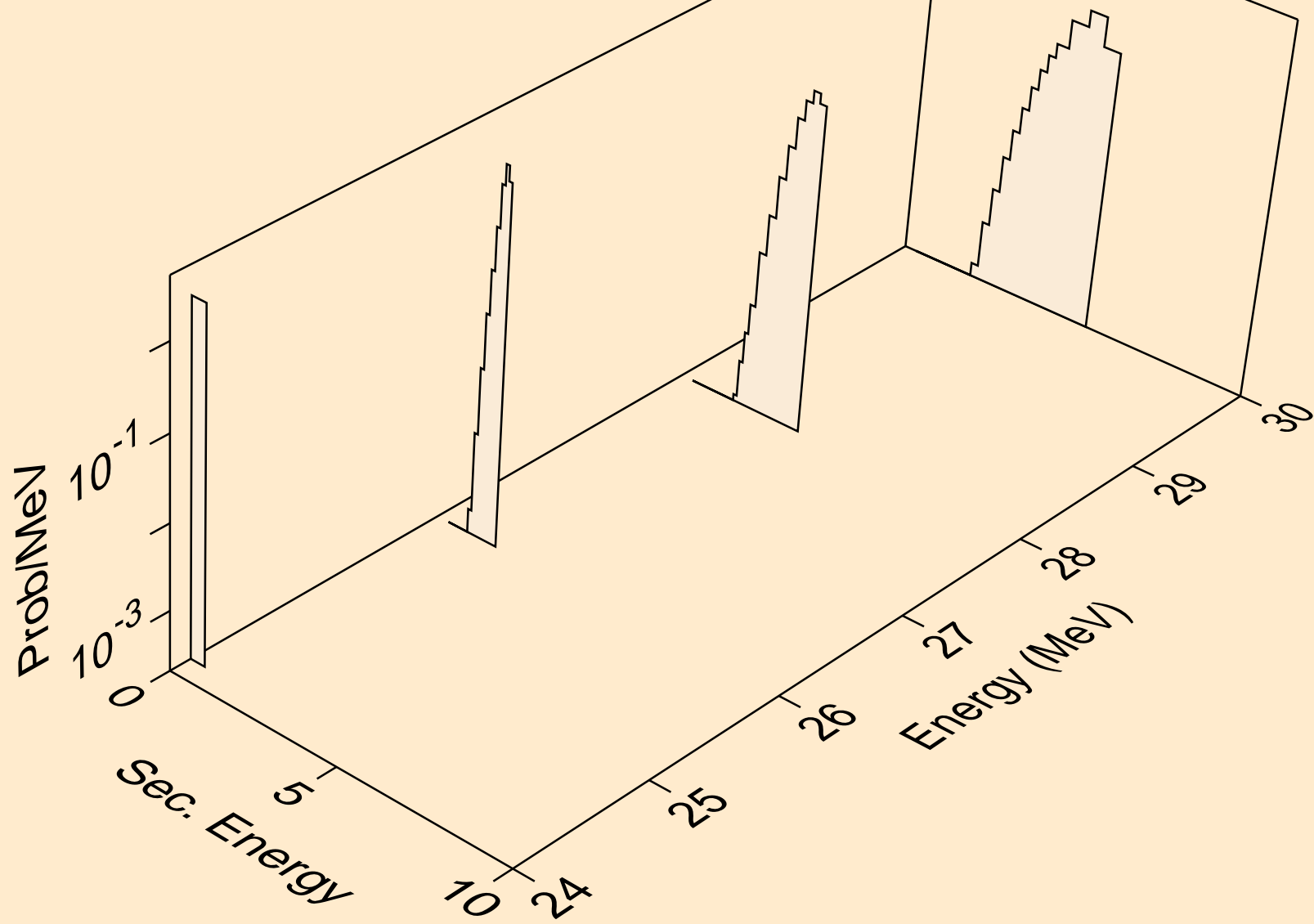
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deuterons from (a,da)



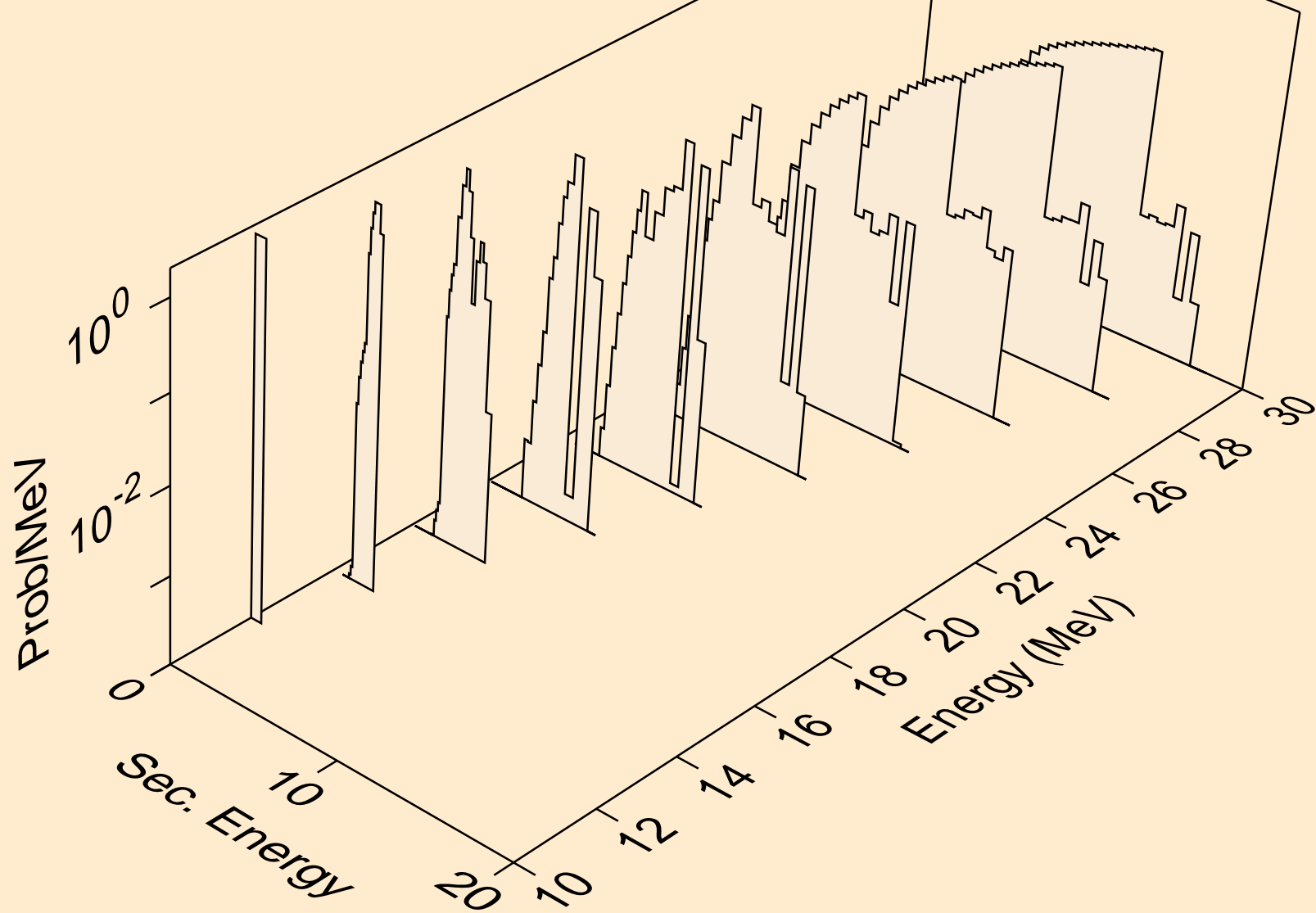
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tritons from (a,x)



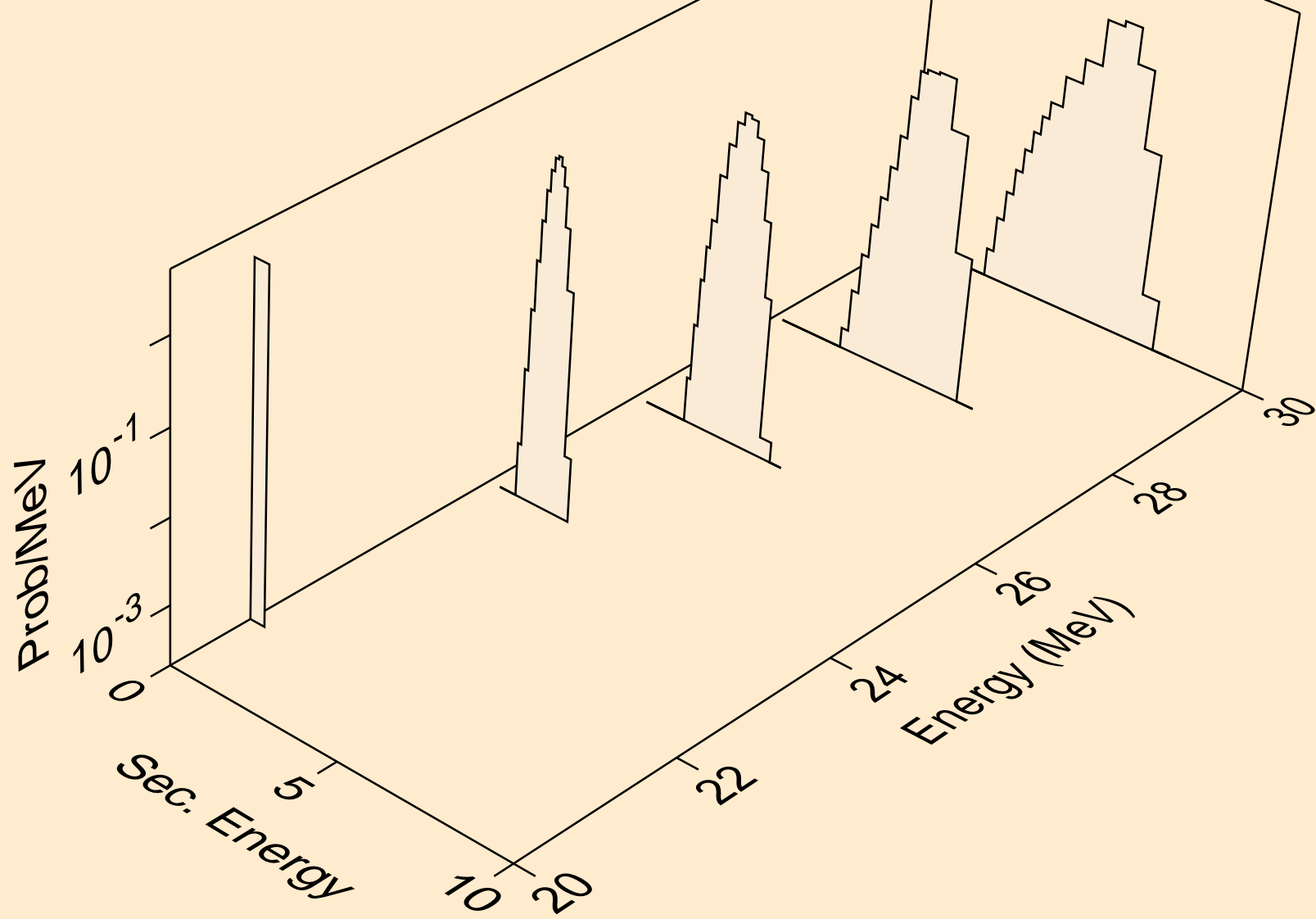
GA069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,n\*)t



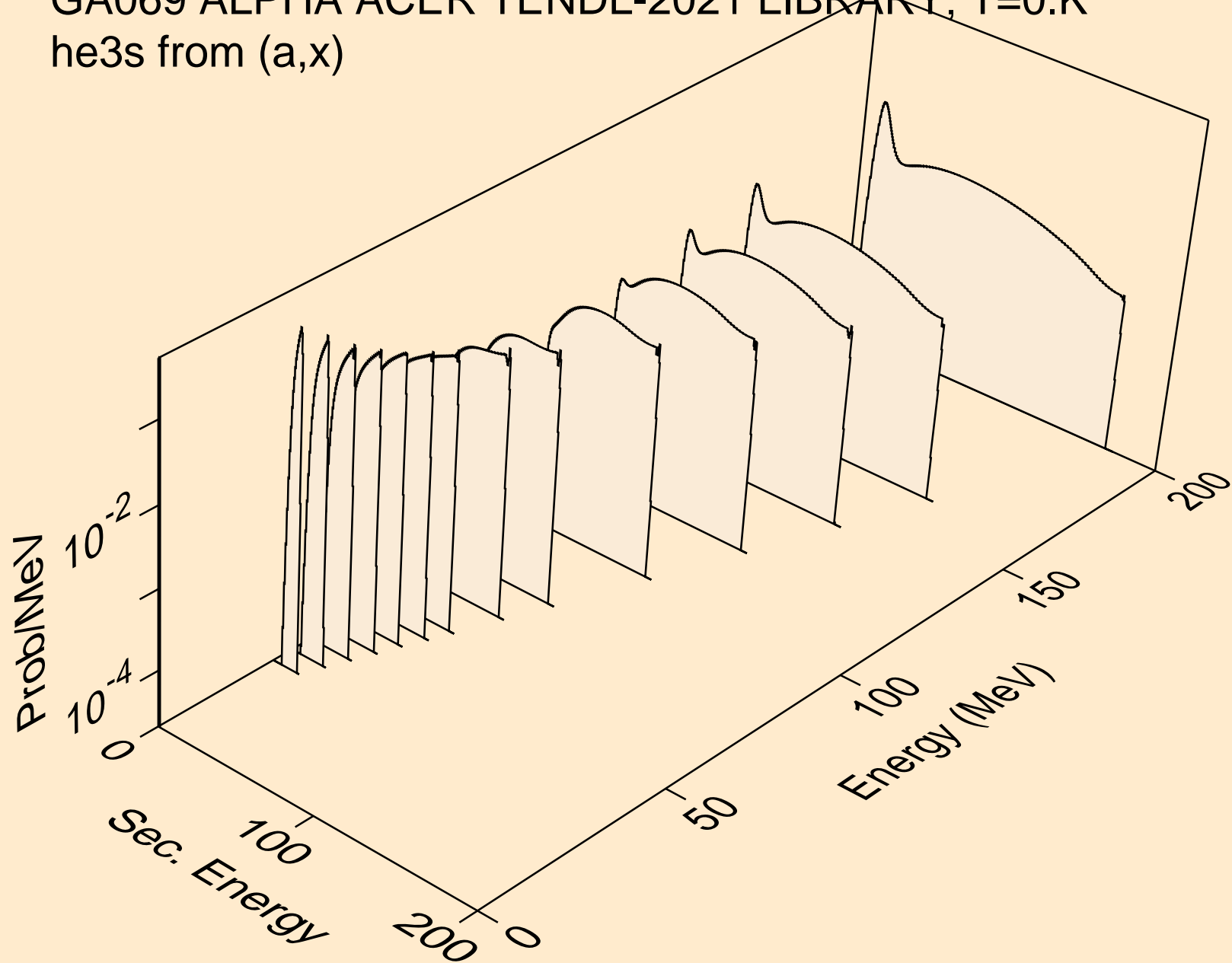
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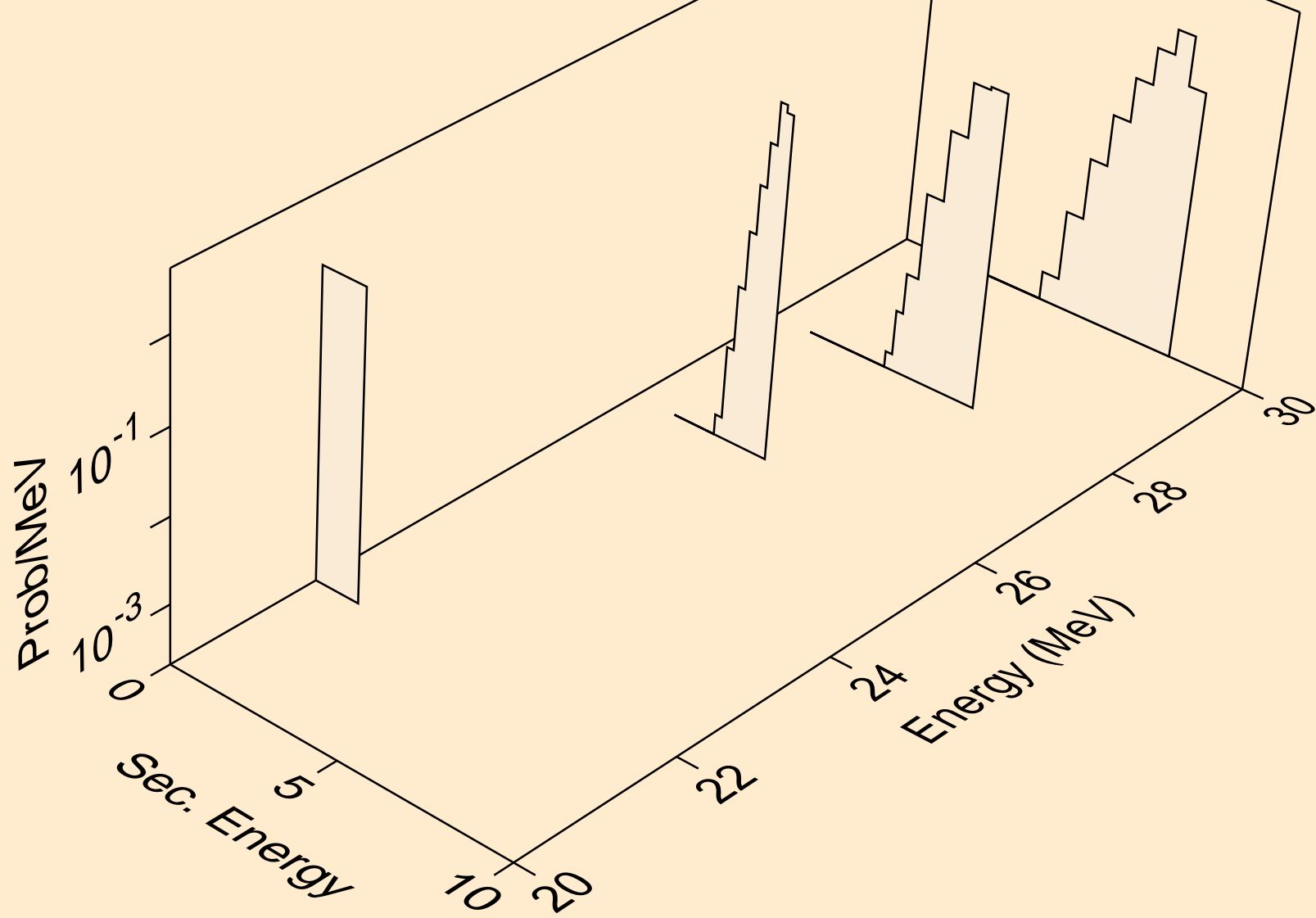
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tritons from (a,pt)



GA069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,x)



GA069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,n\*)he3





GA069 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,he3)

