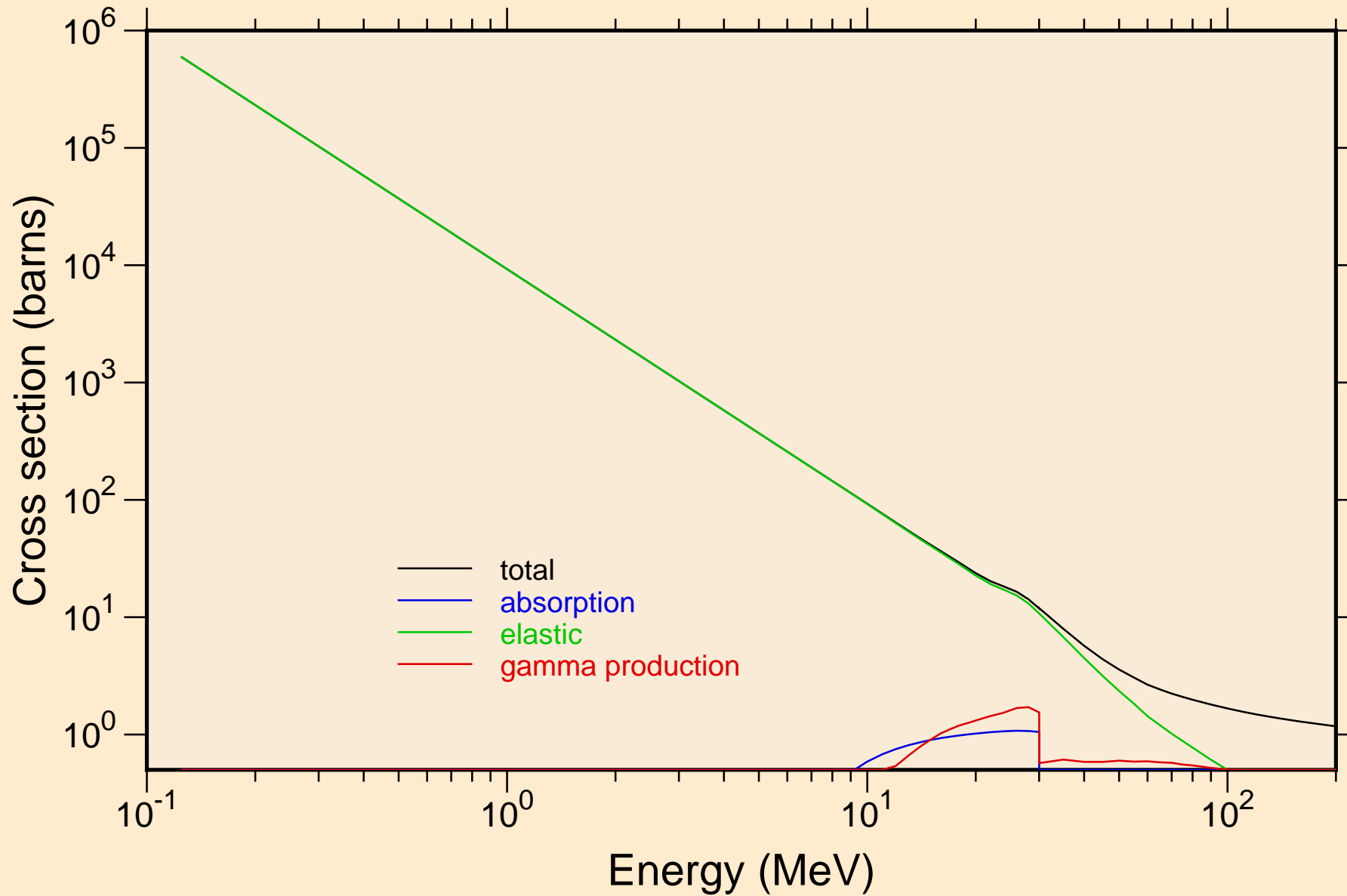
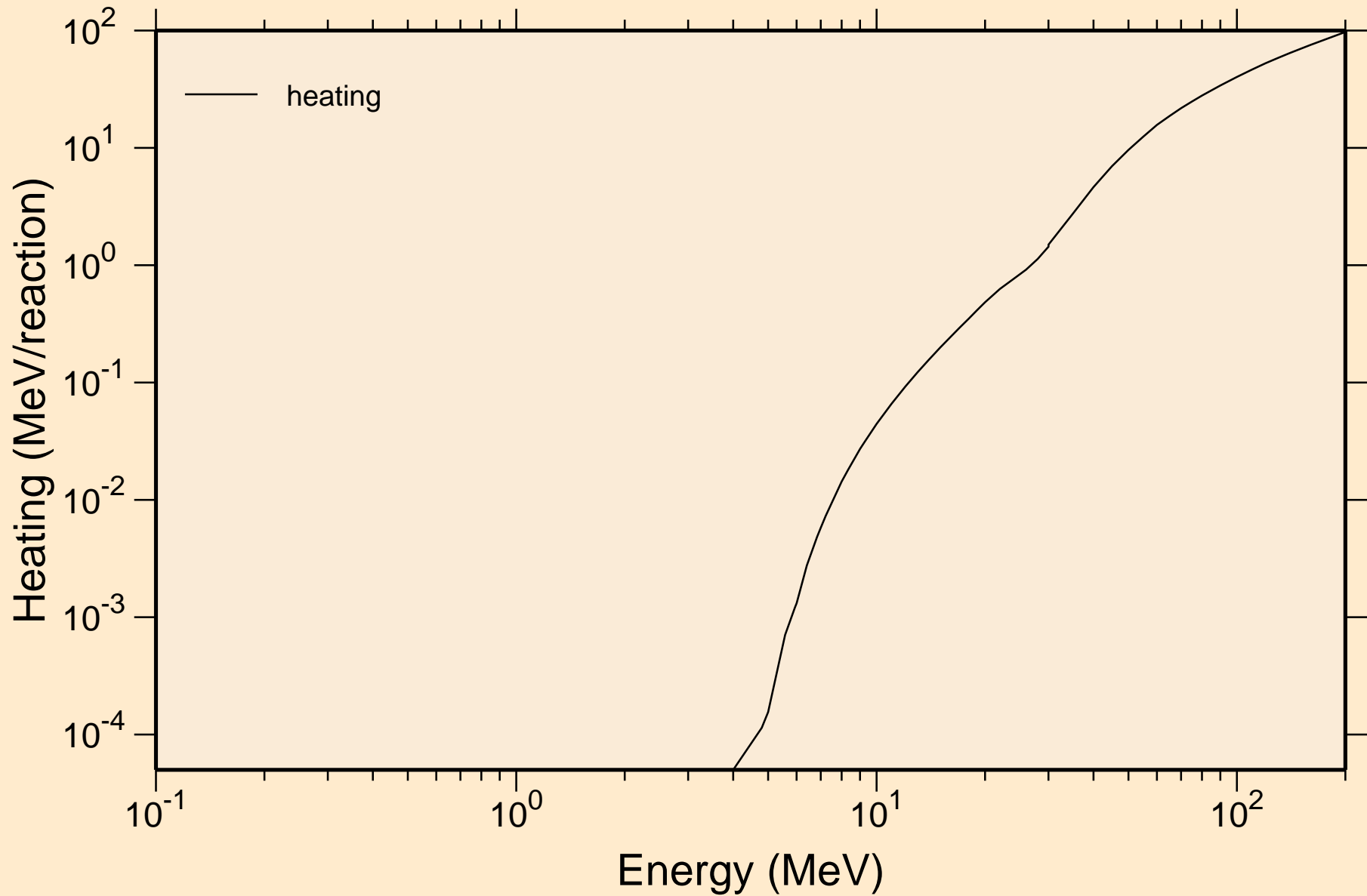


AR038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections



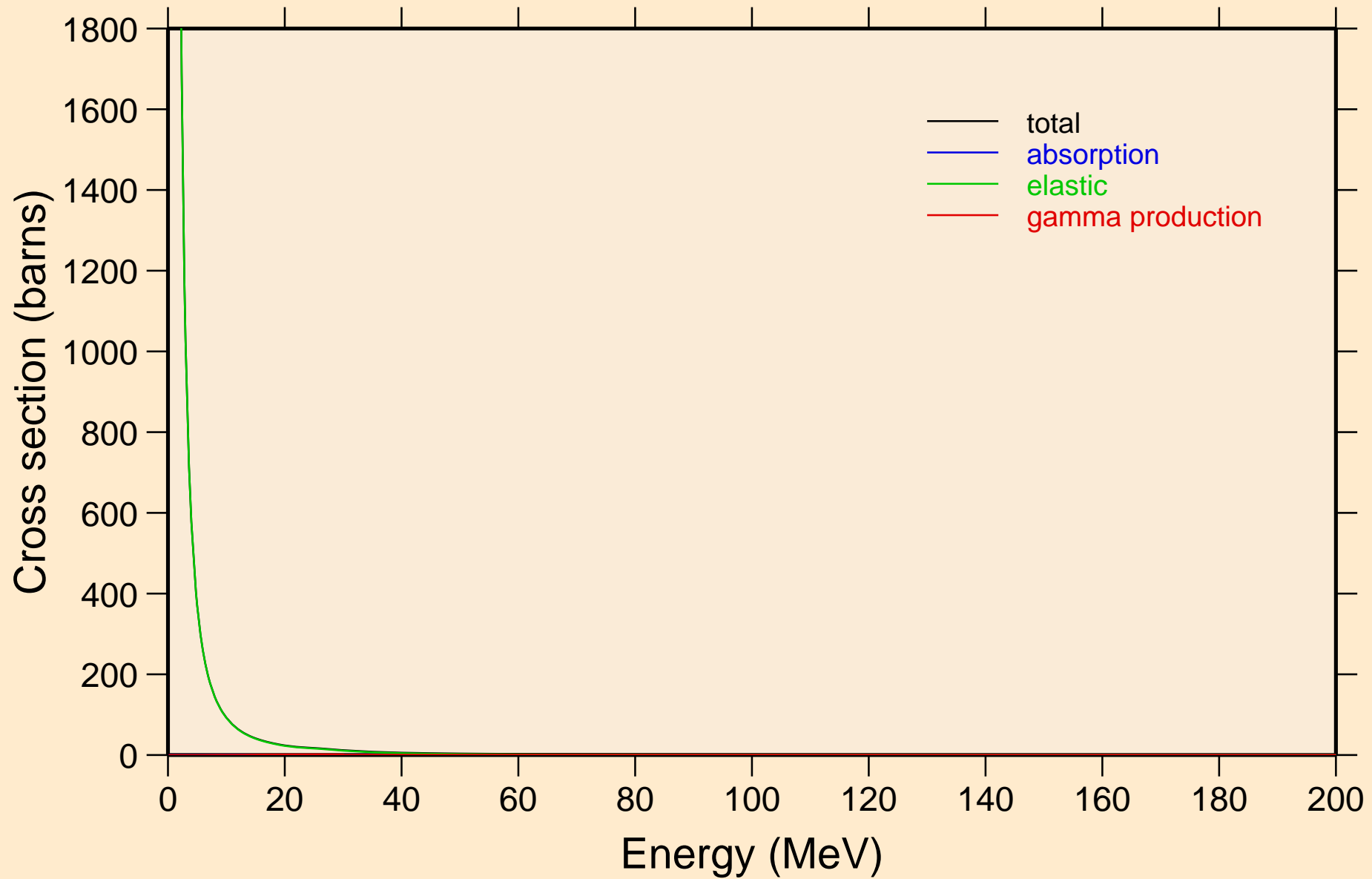
AR038 HELION ACER TENDL-2021 LIBRARY; T=0.K

Heating



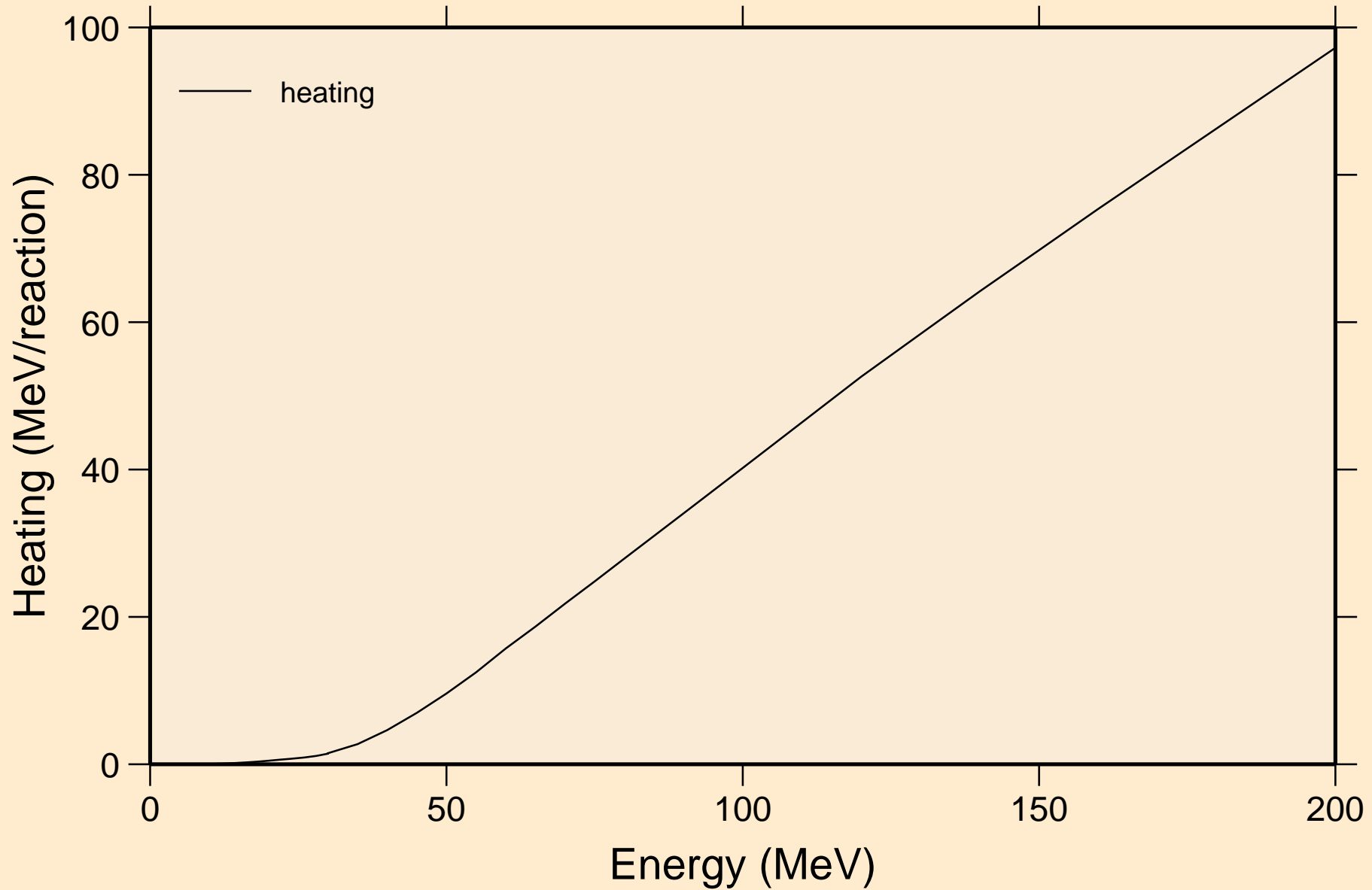
# AR038 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

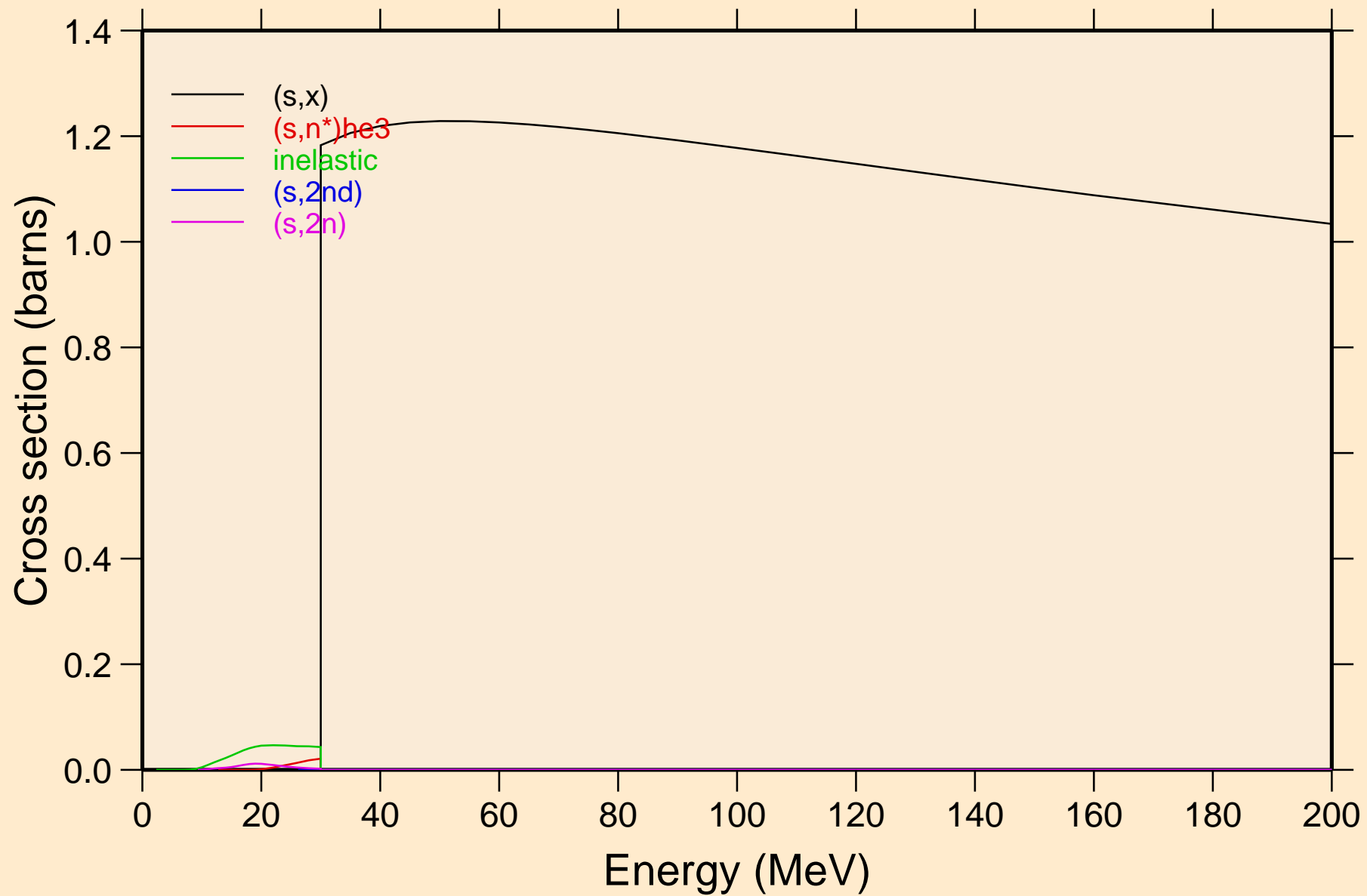


AR038 HELION ACER TENDL-2021 LIBRARY; T=0.K

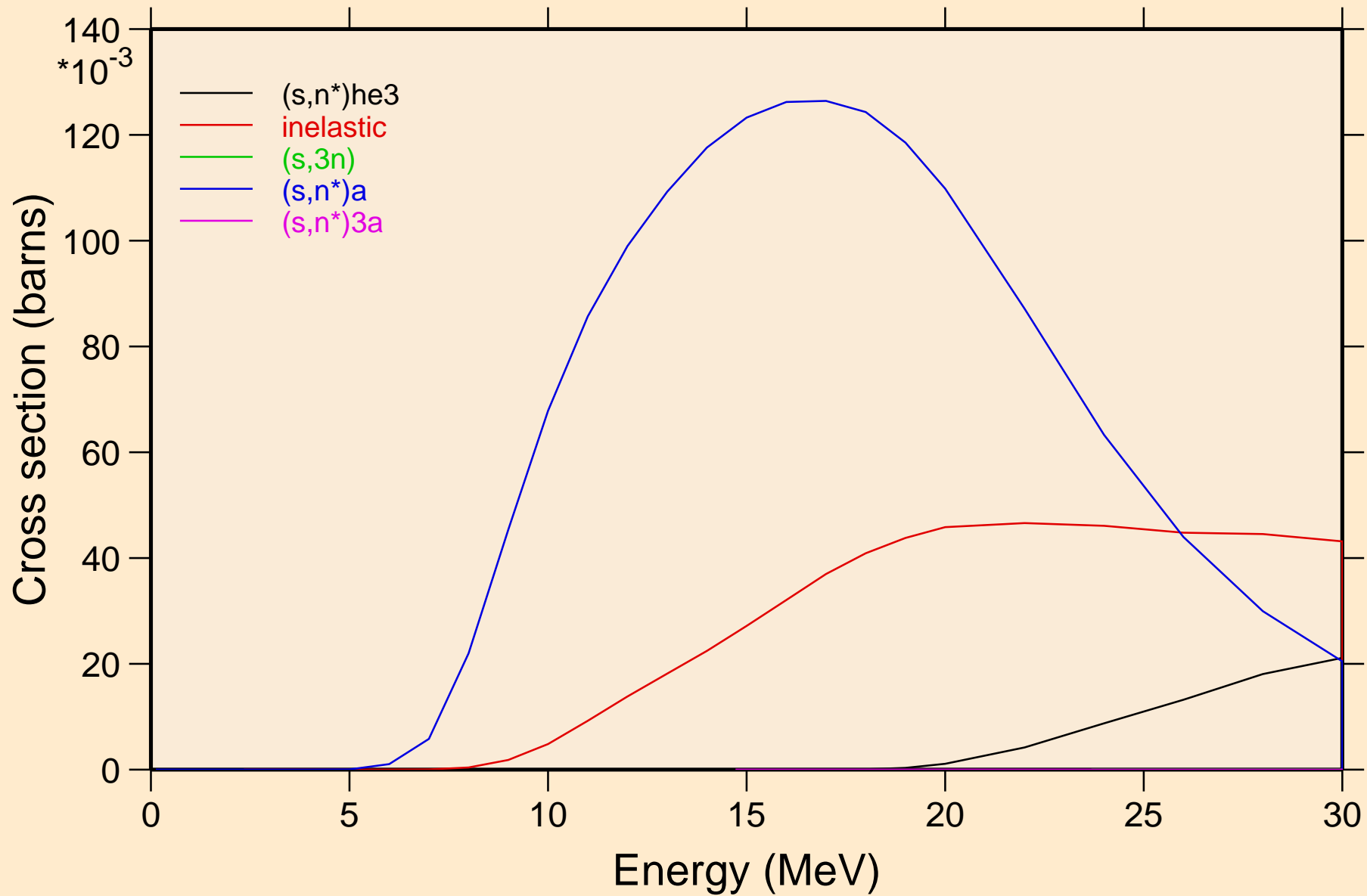
Heating



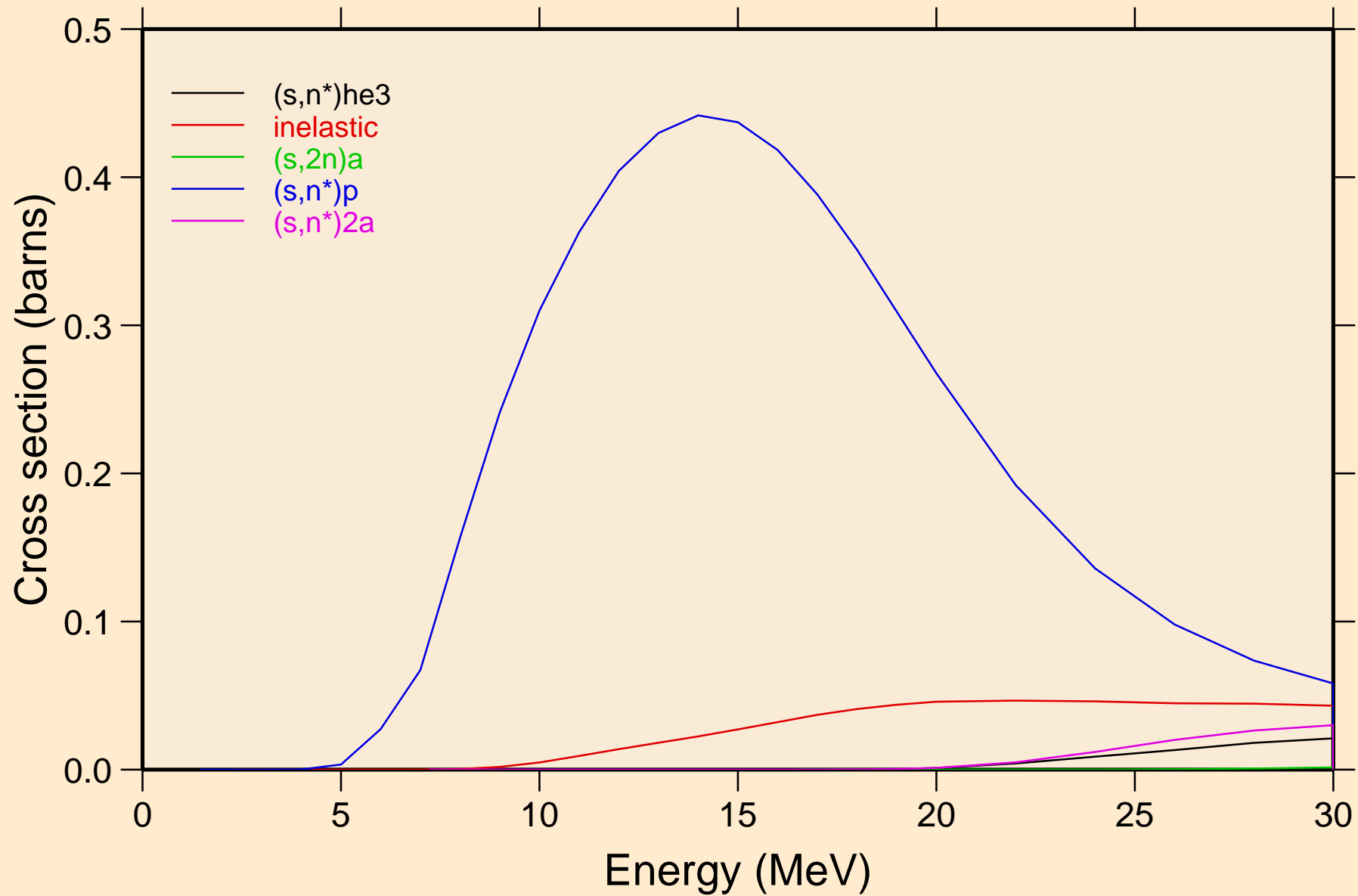
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Threshold reactions



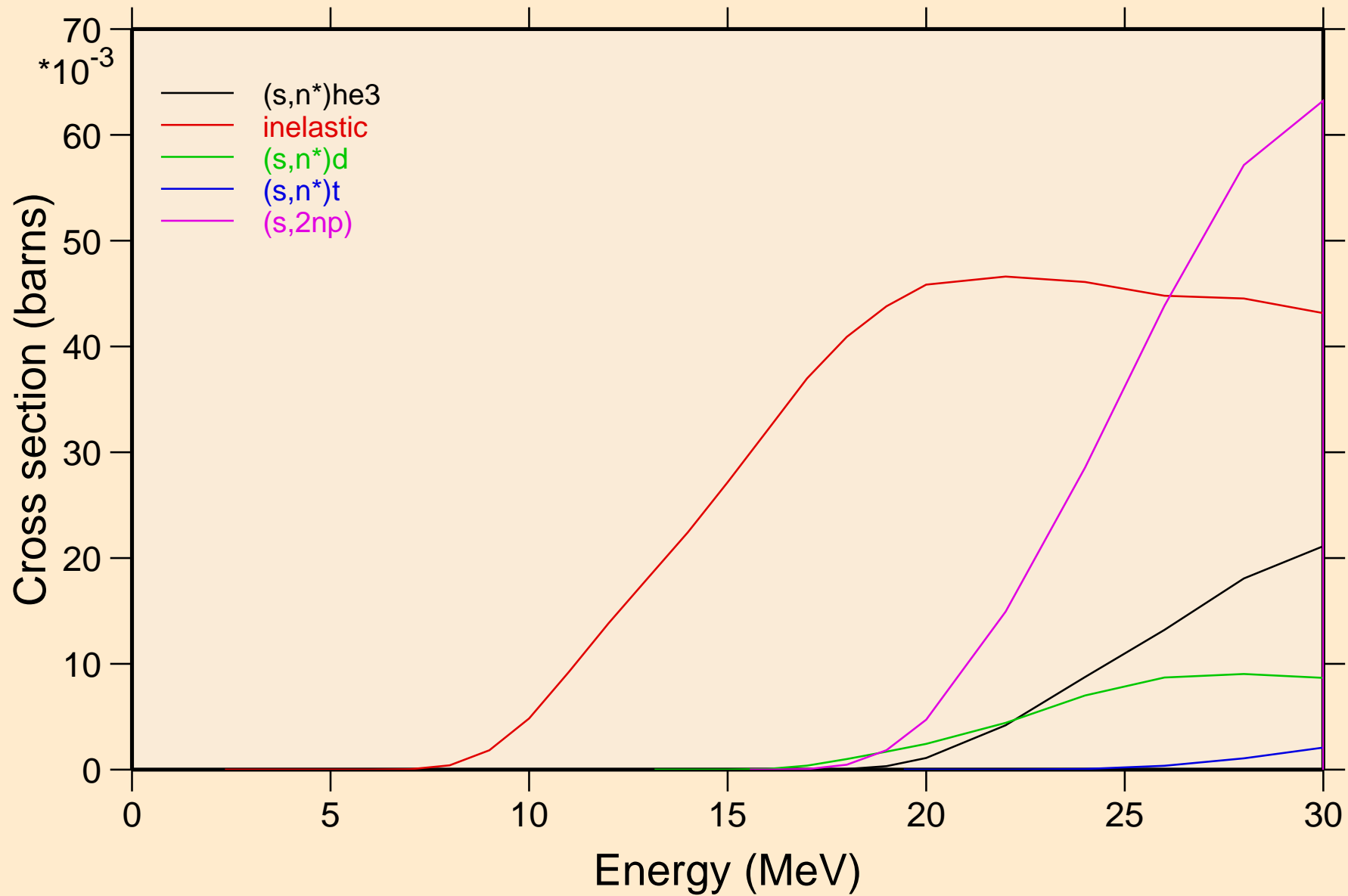
AR038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



AR038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

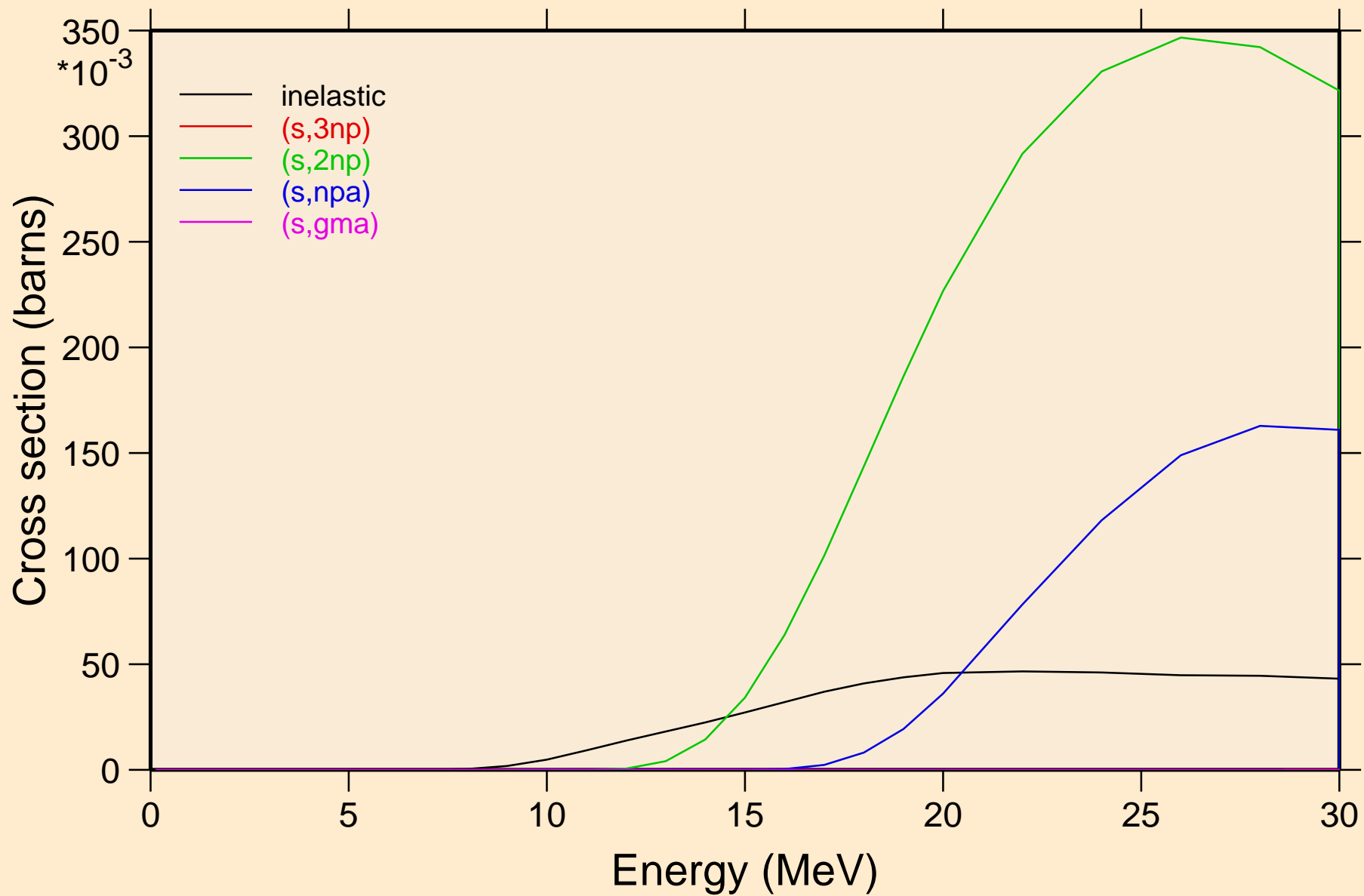


AR038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

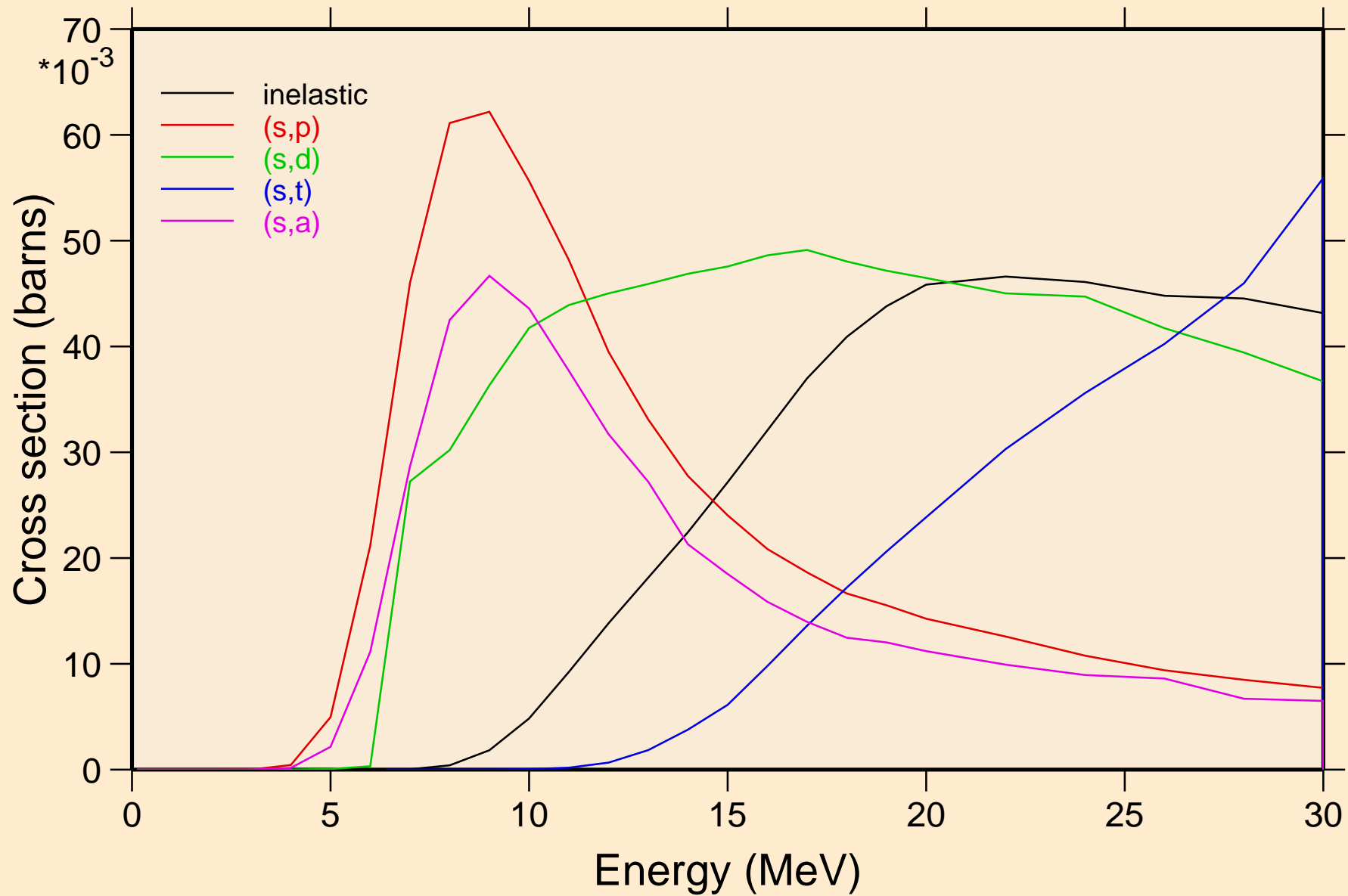




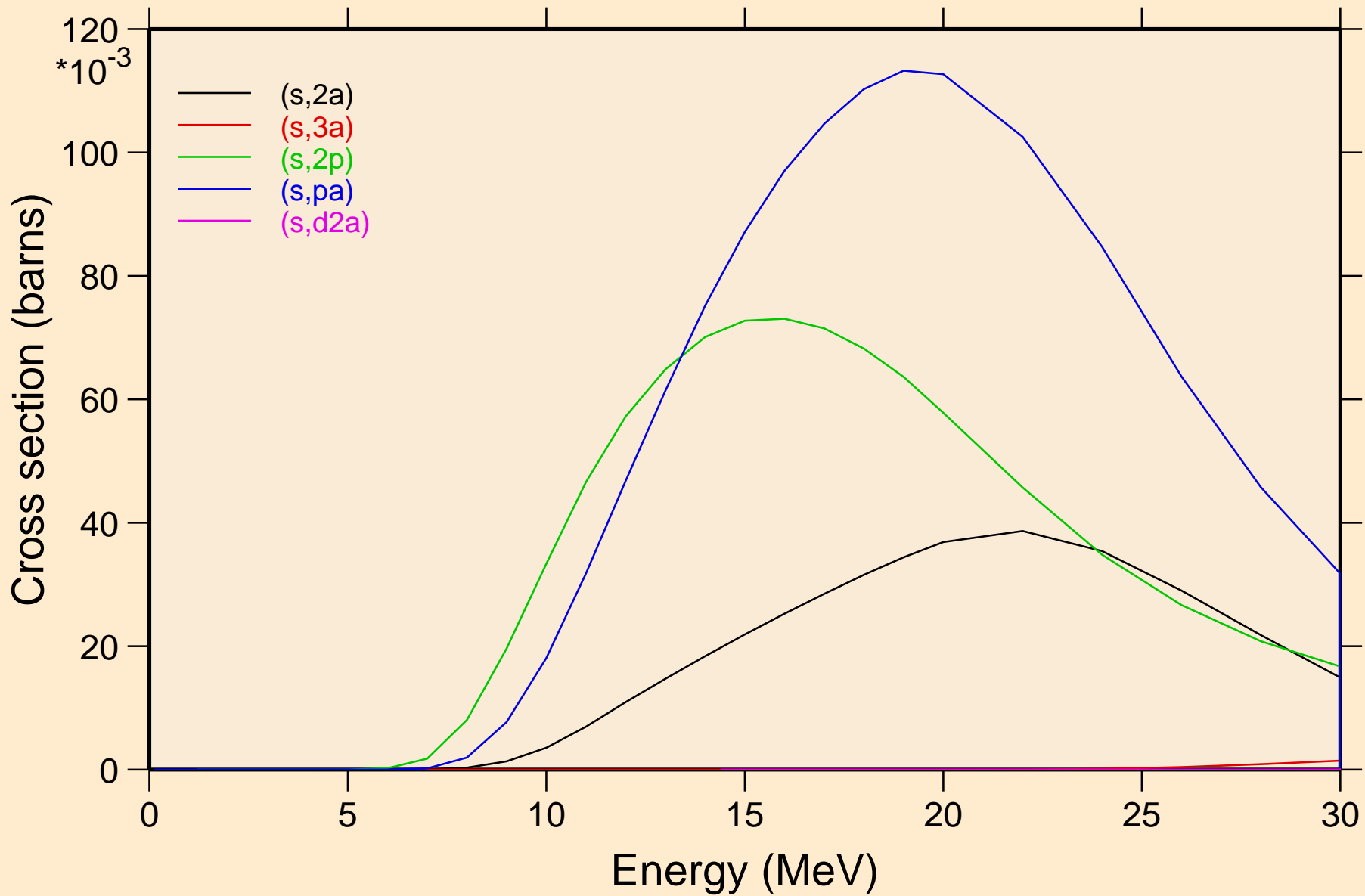
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Threshold reactions



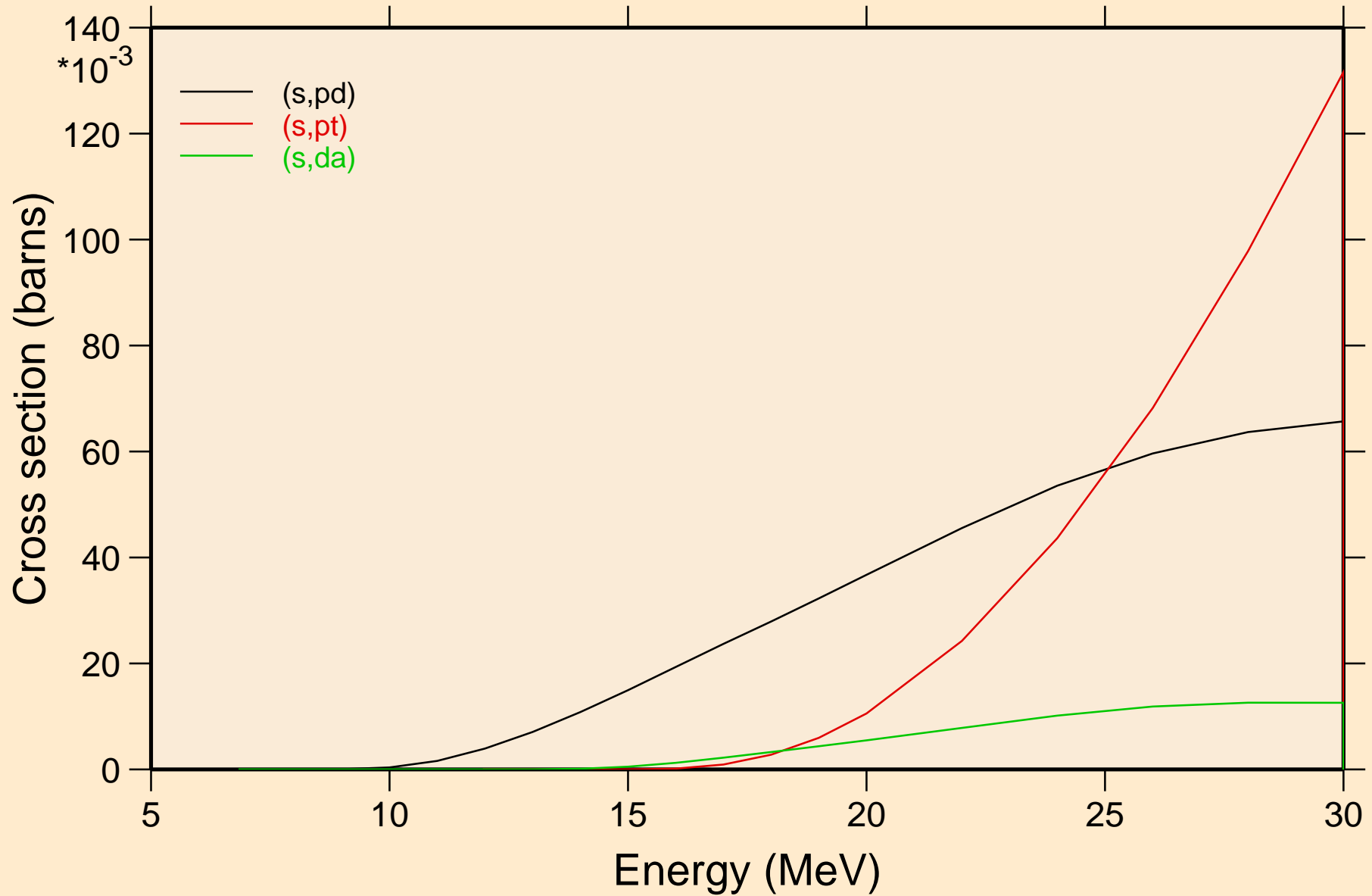
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Threshold reactions



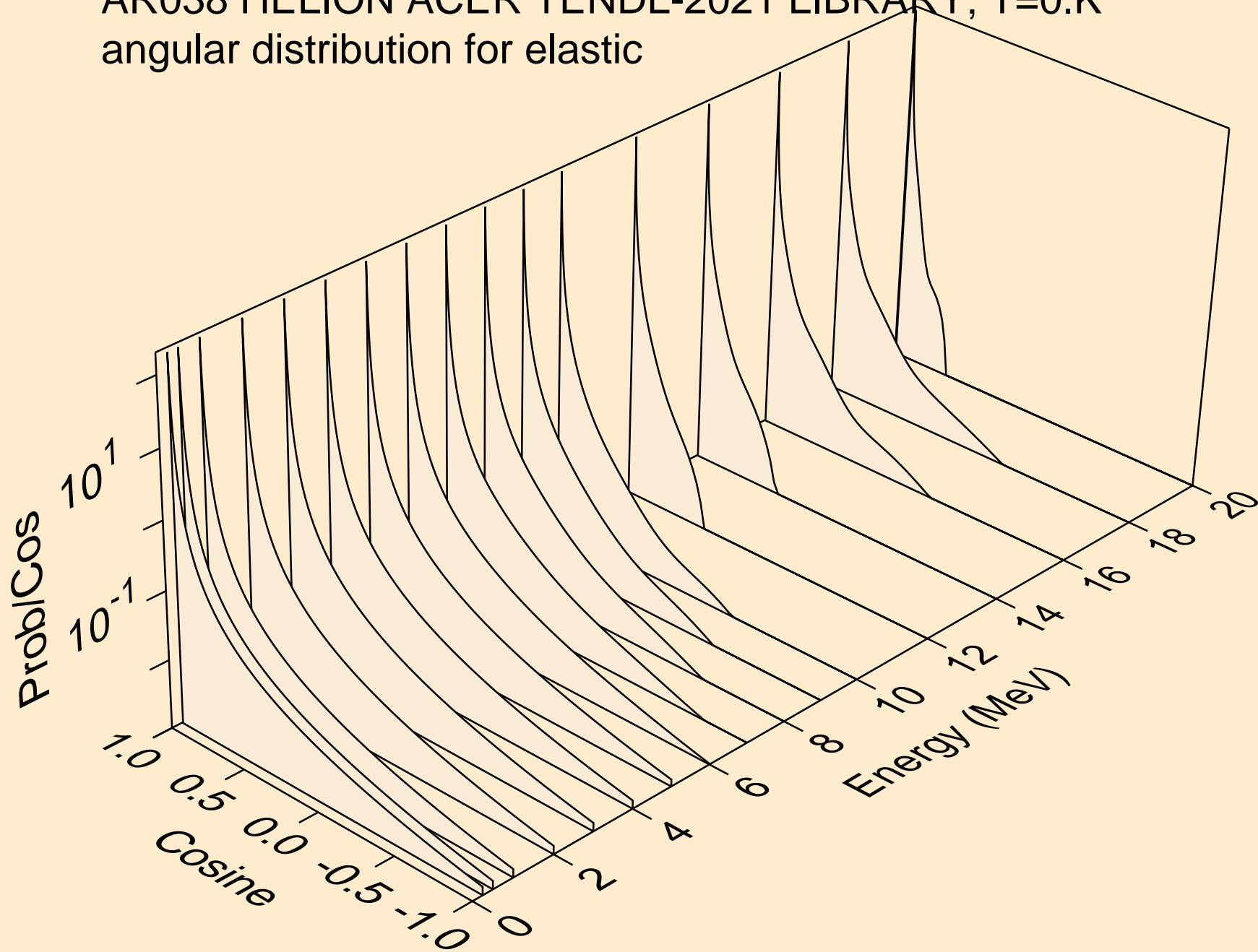
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Threshold reactions



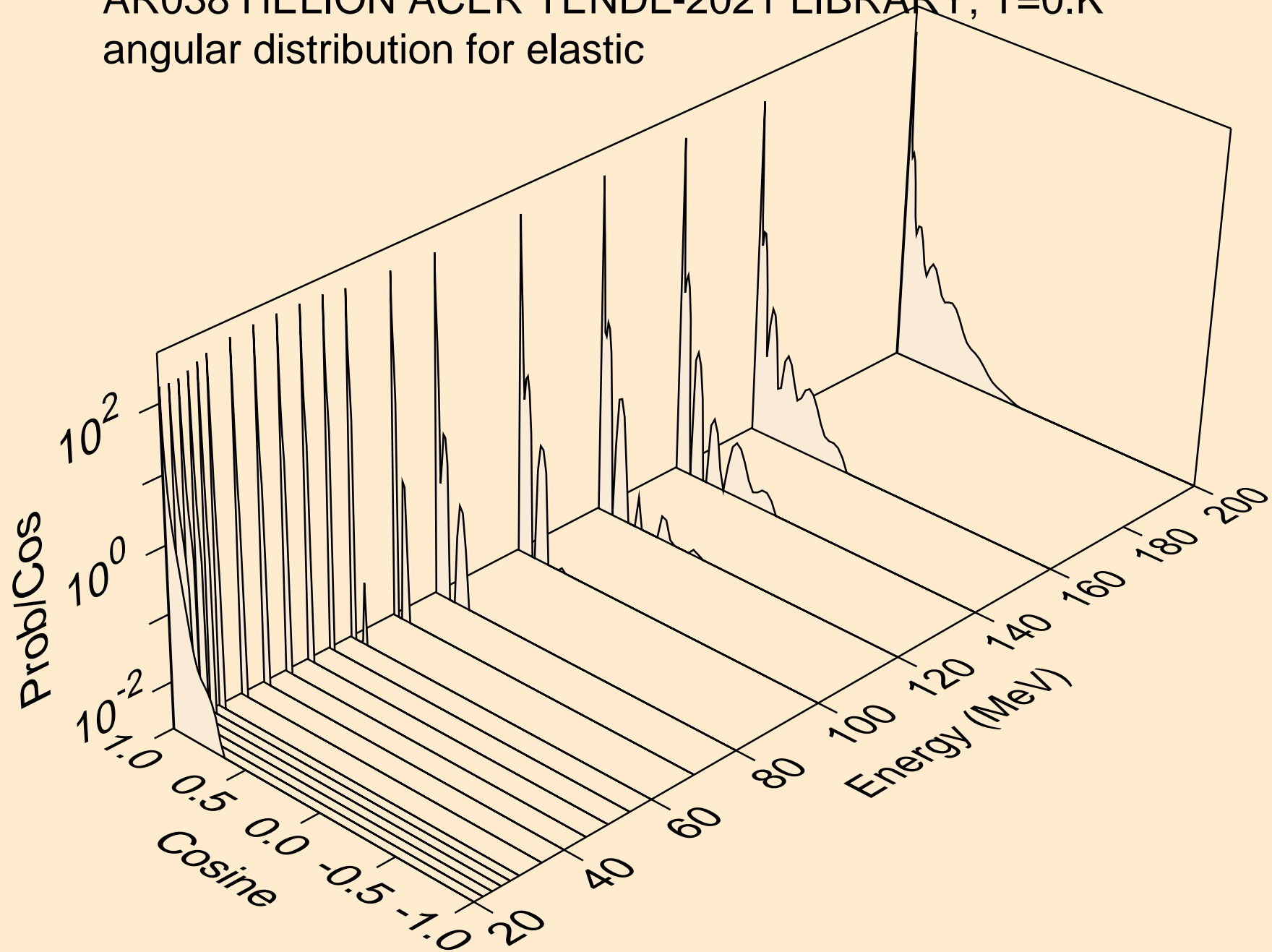
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Threshold reactions



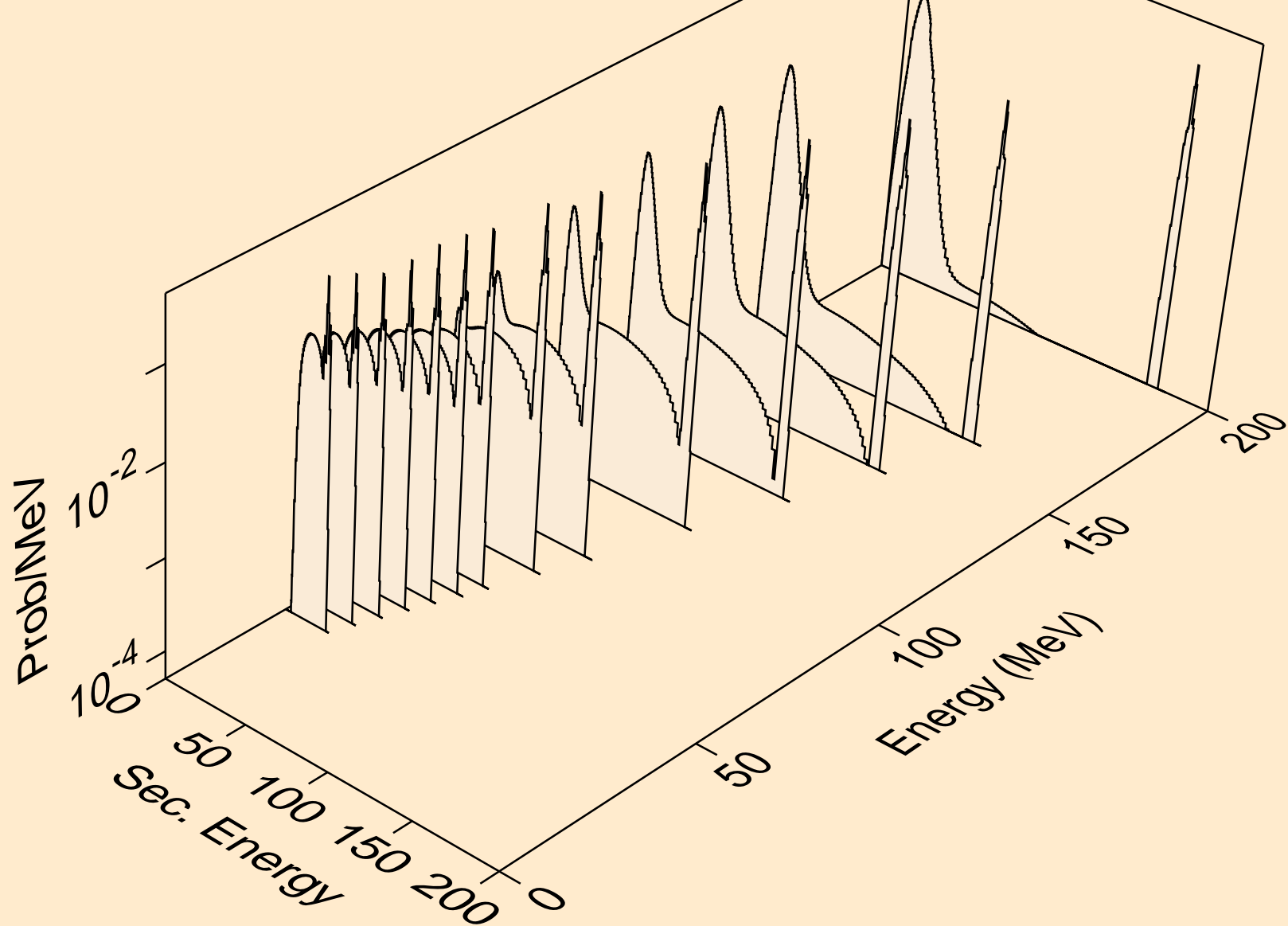
AR038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



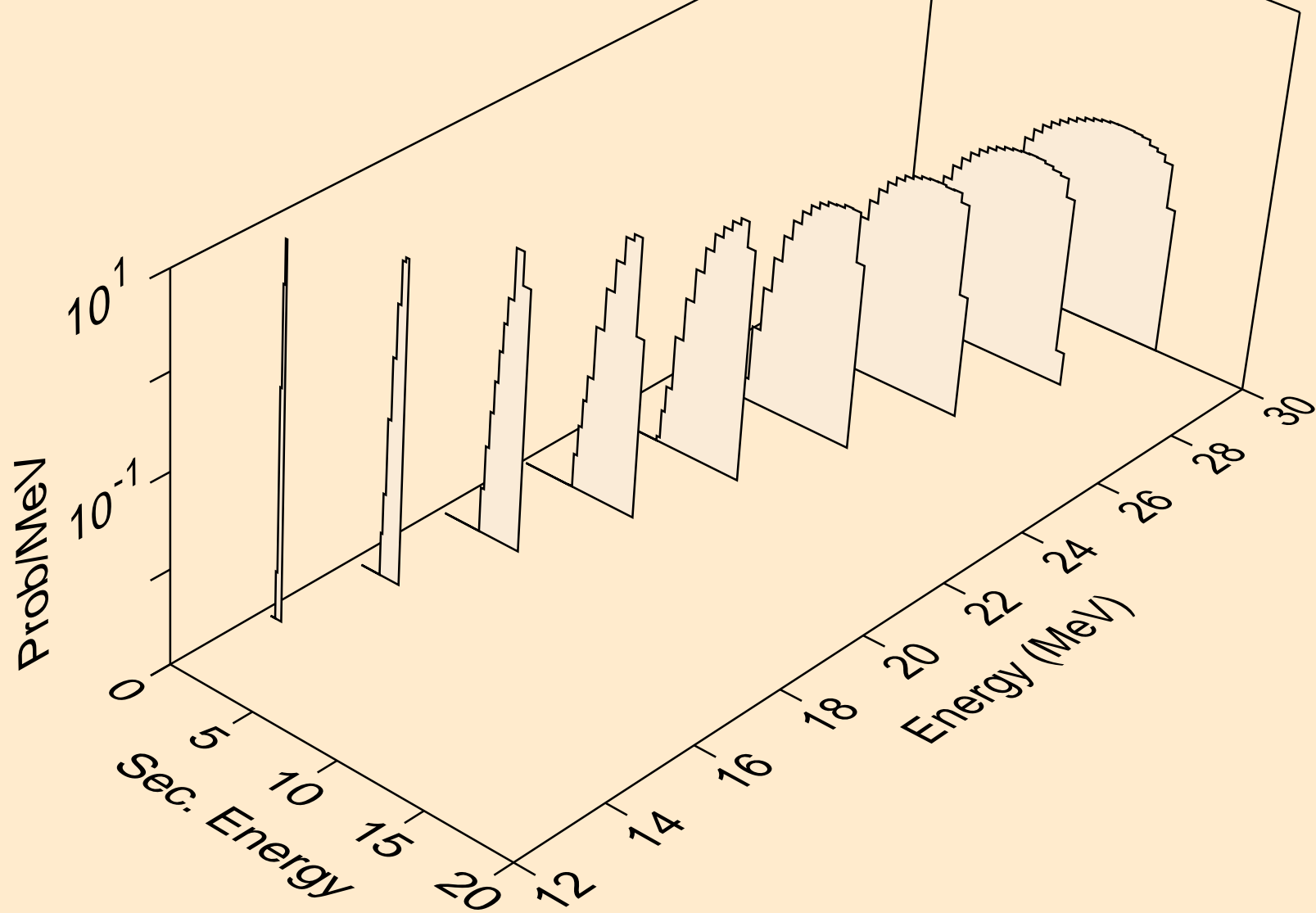
AR038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



AR038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,x)

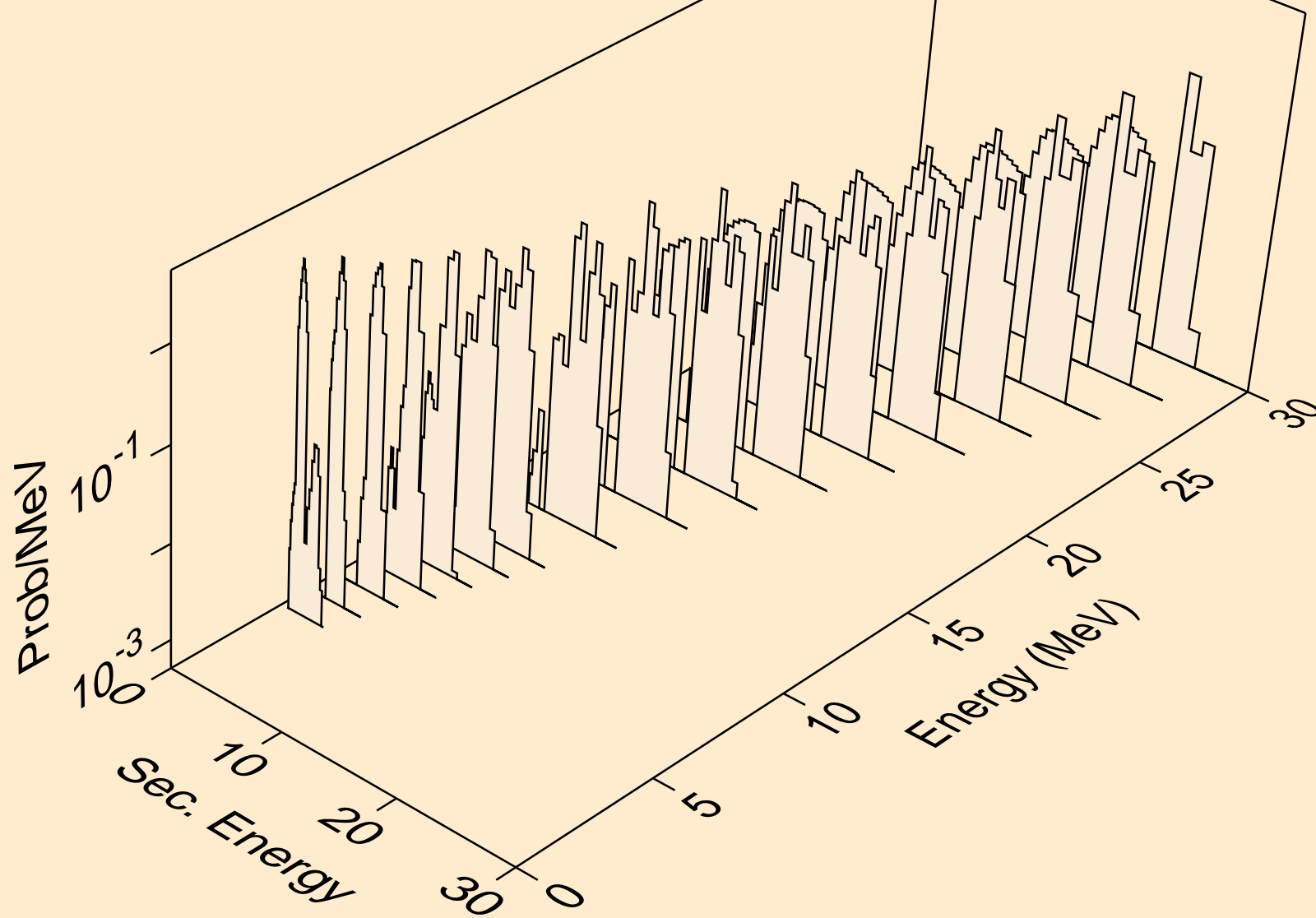


AR038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

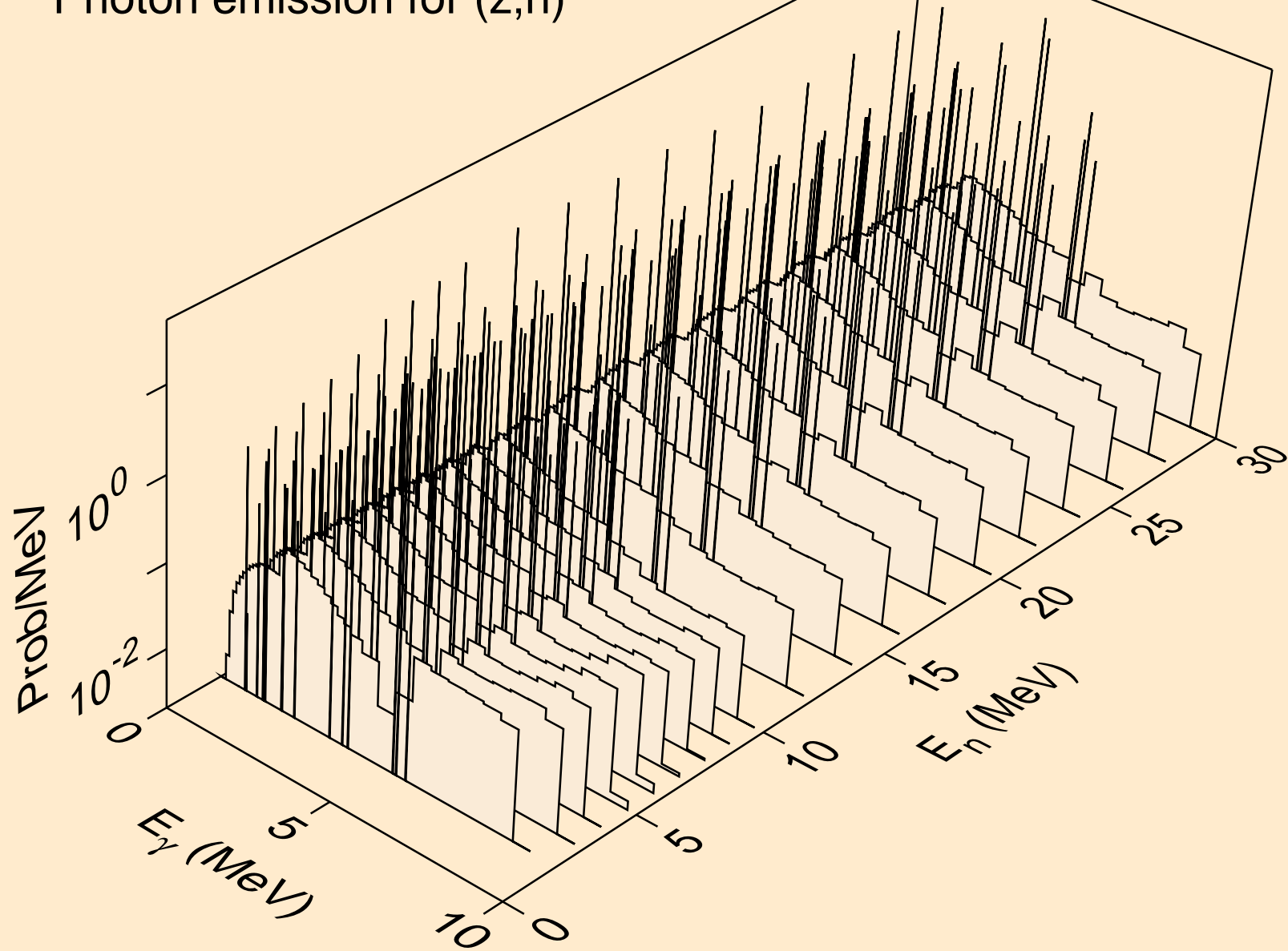




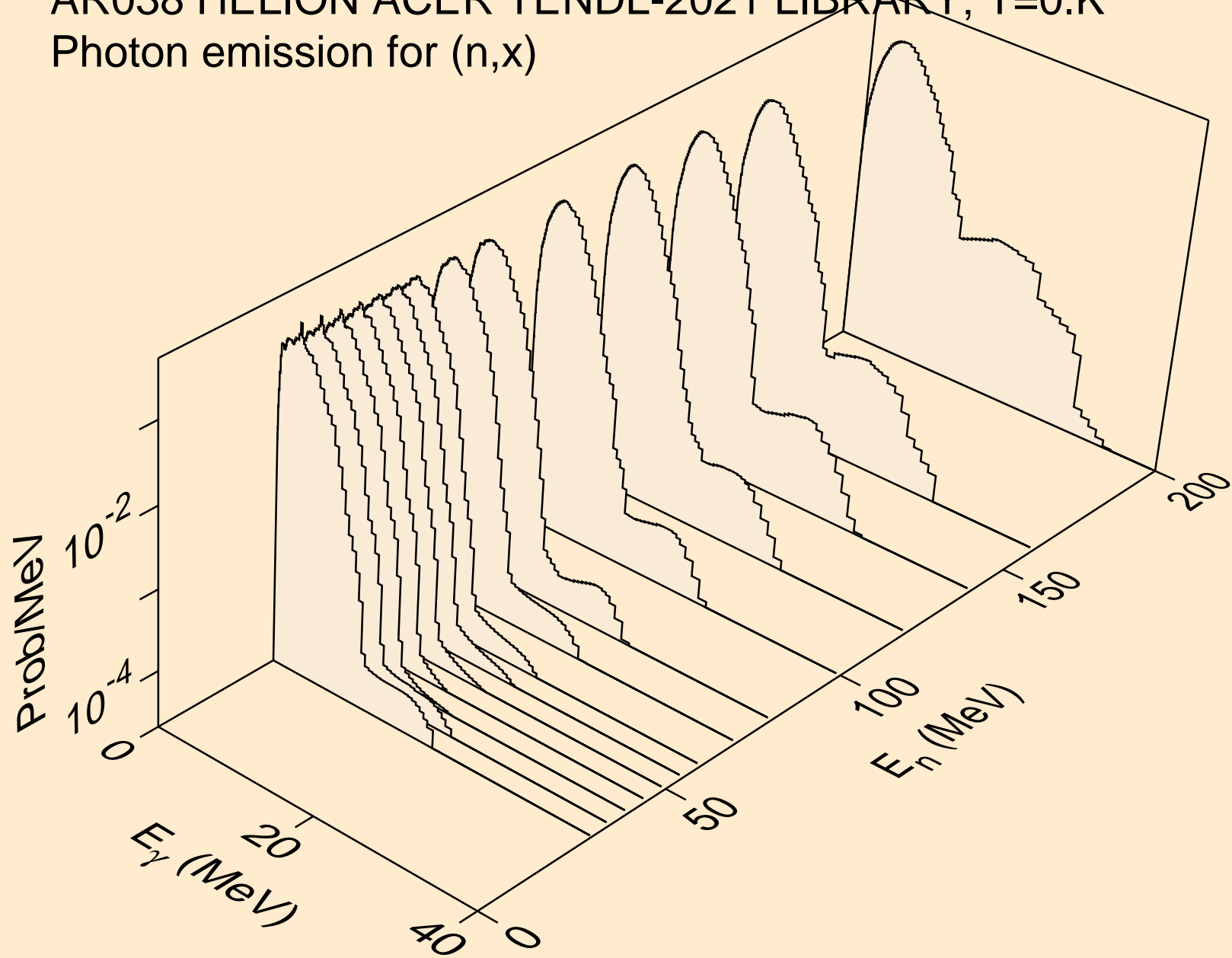
AR038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for inelastic



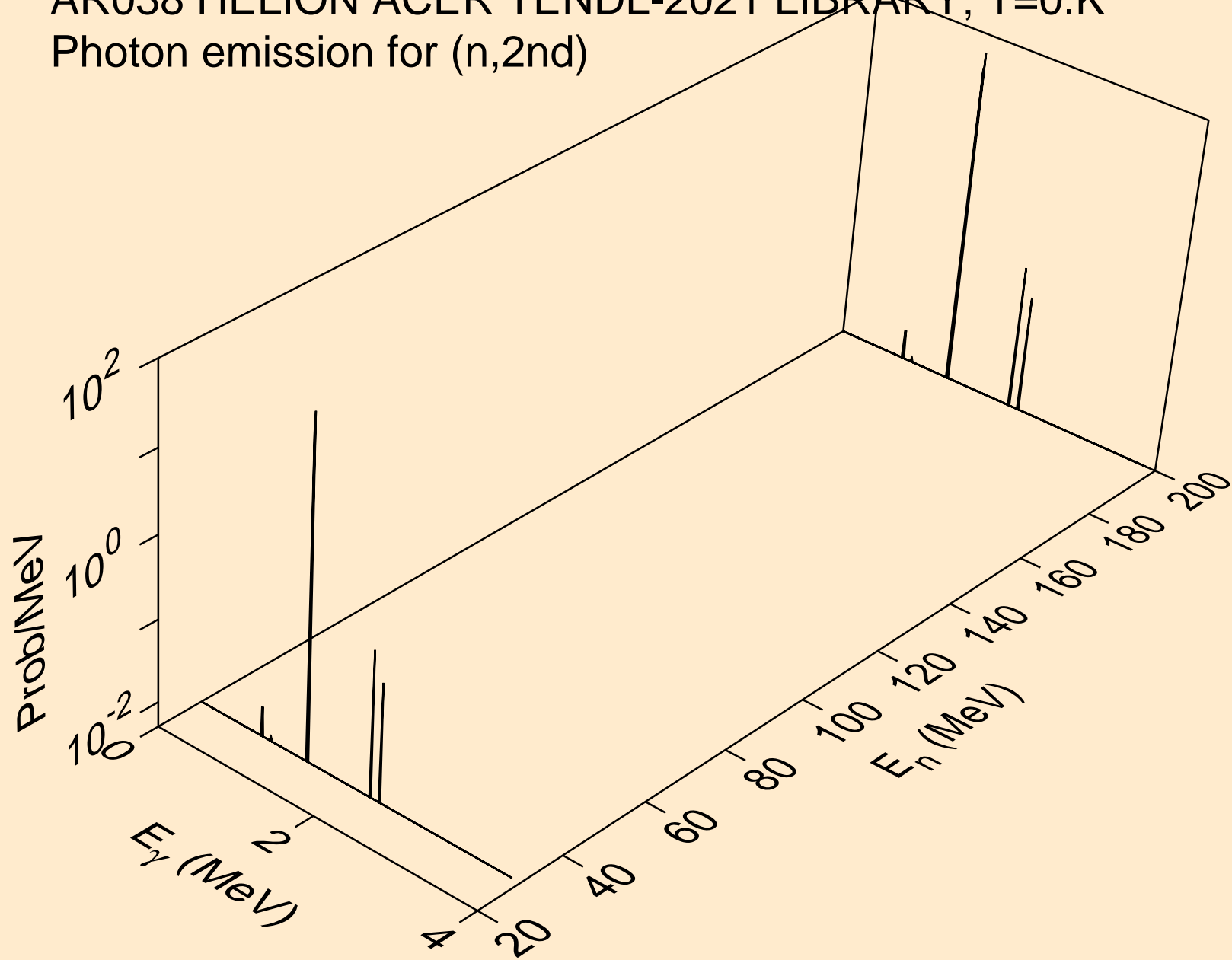
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Photon emission for (z,n)



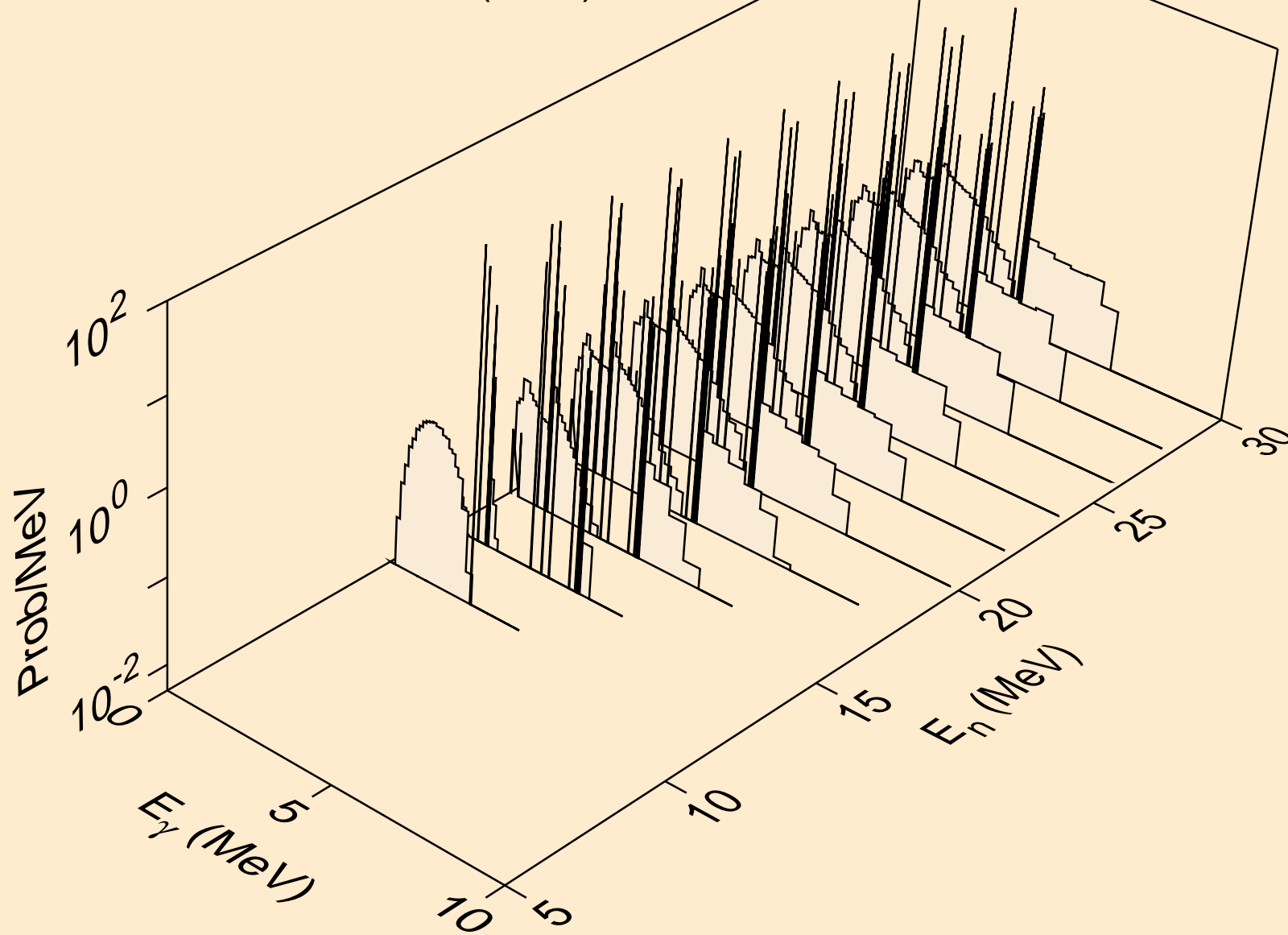
AR038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



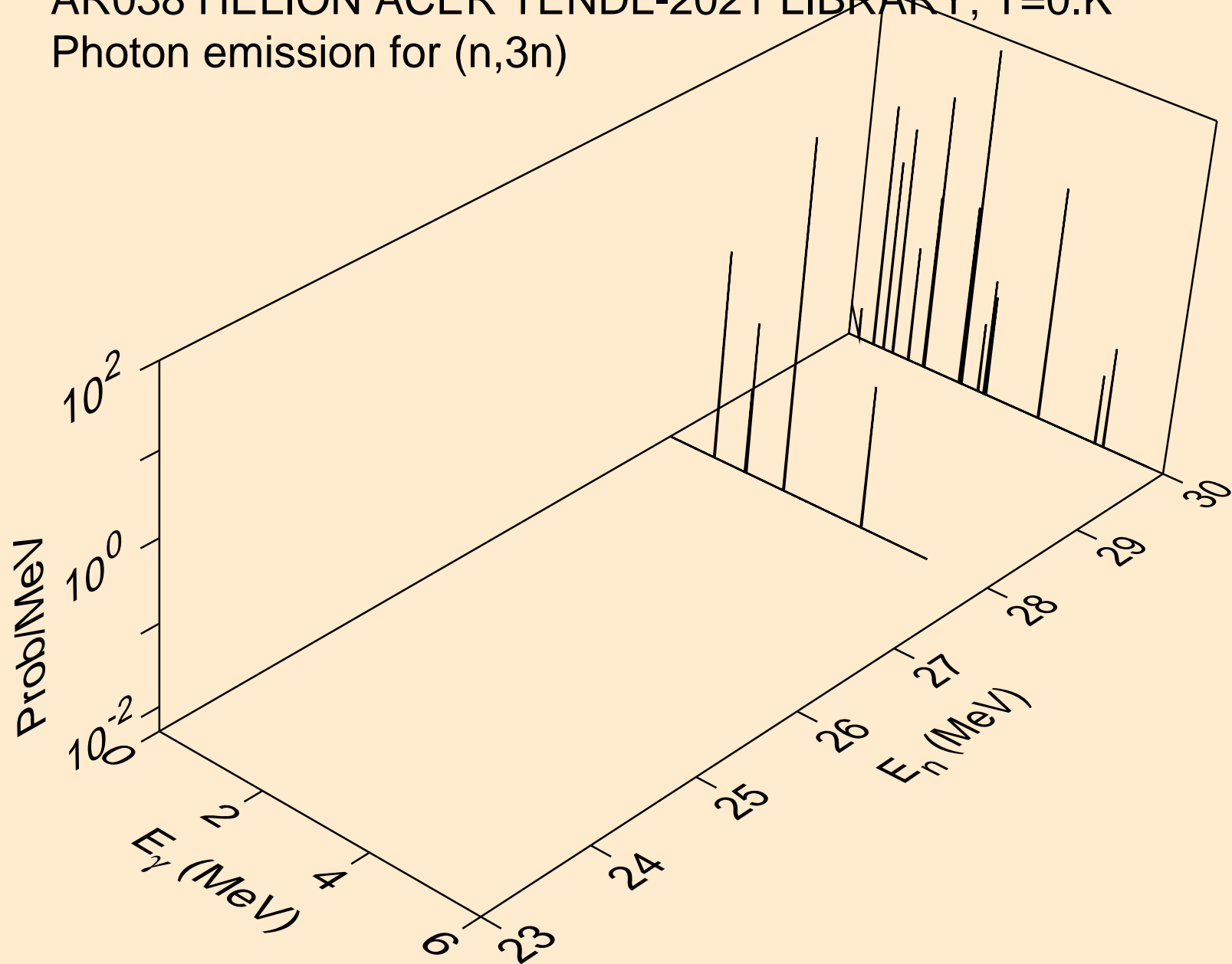
AR038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)



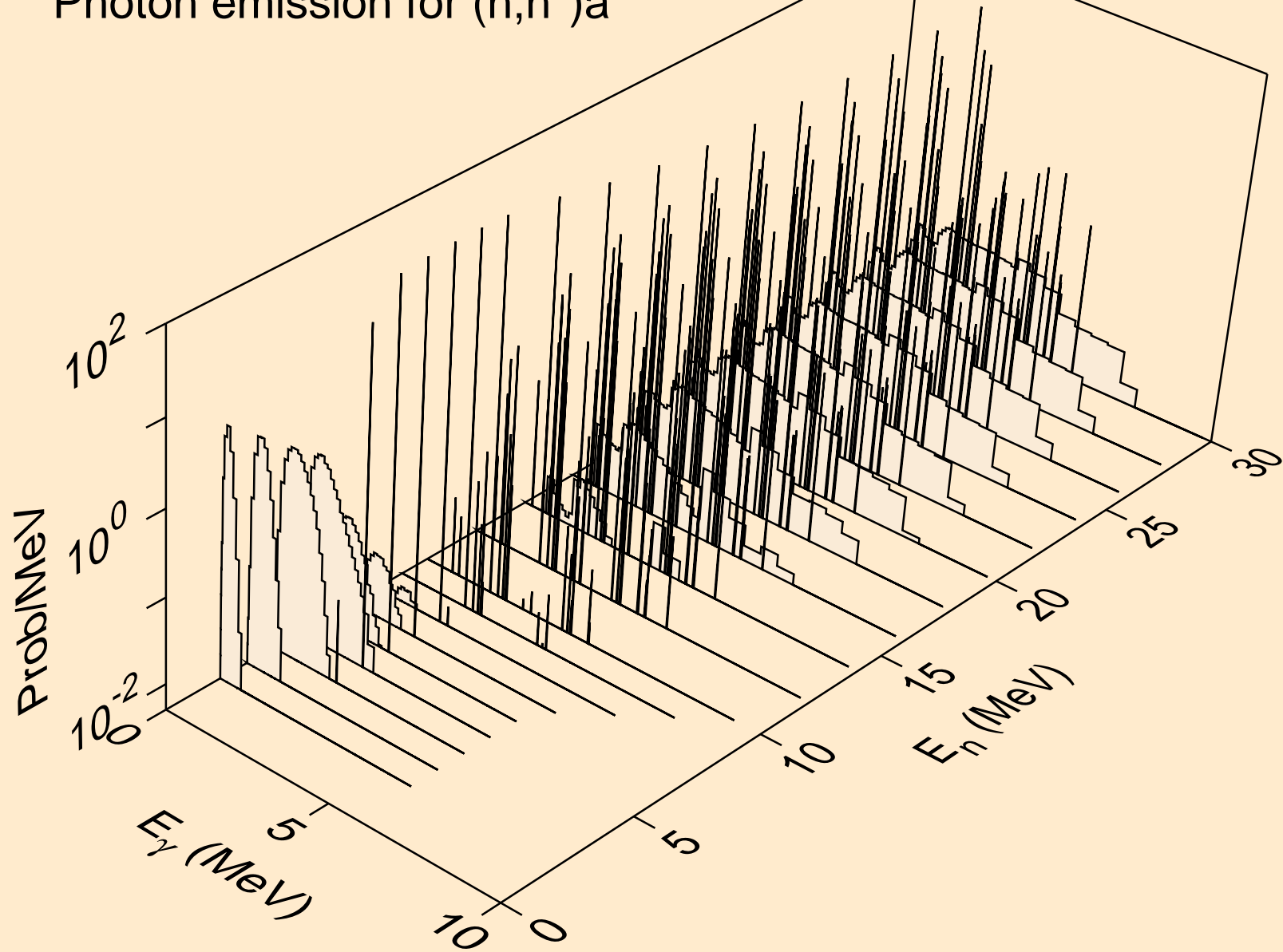
AR038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



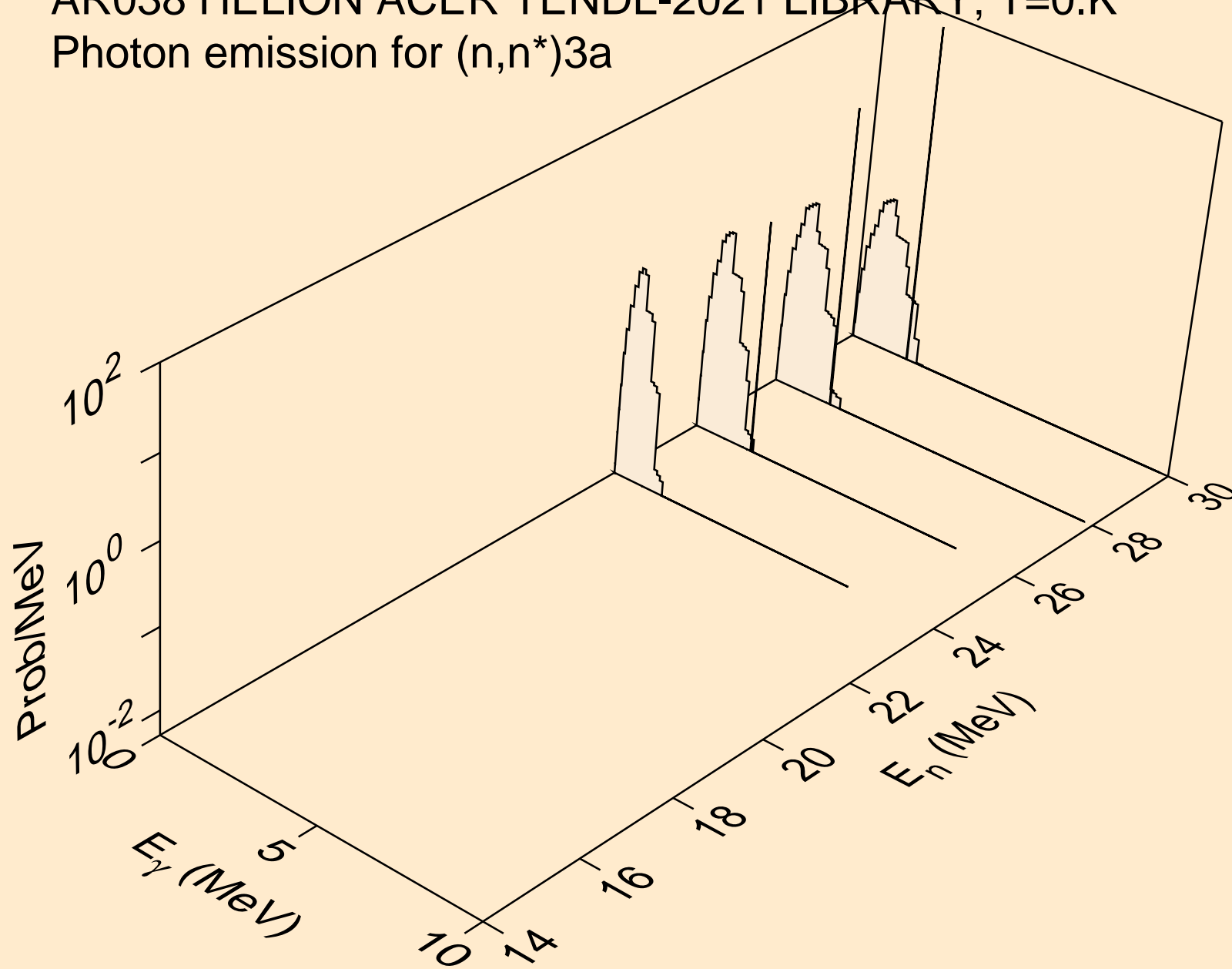
AR038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



AR038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

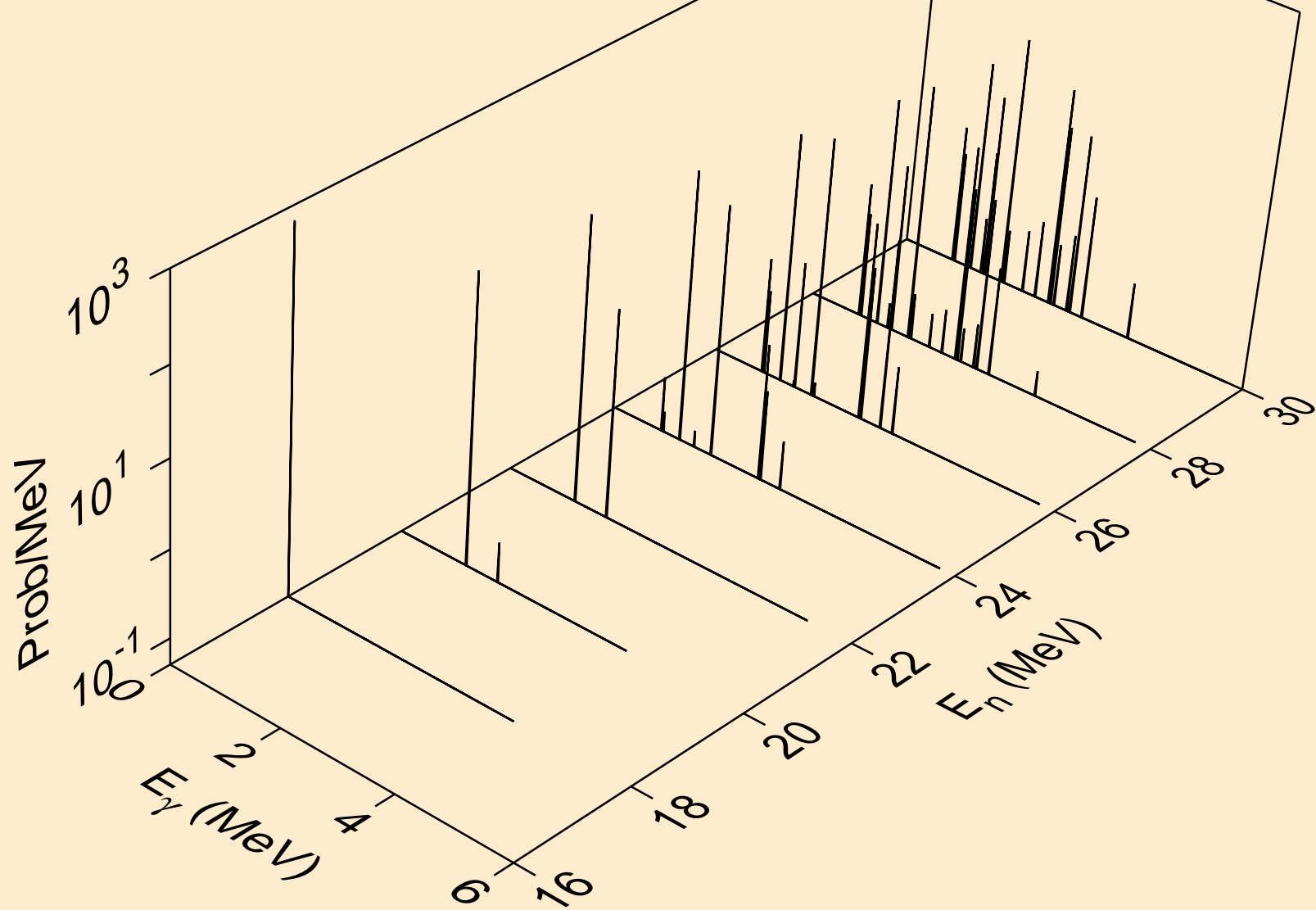


AR038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)3a

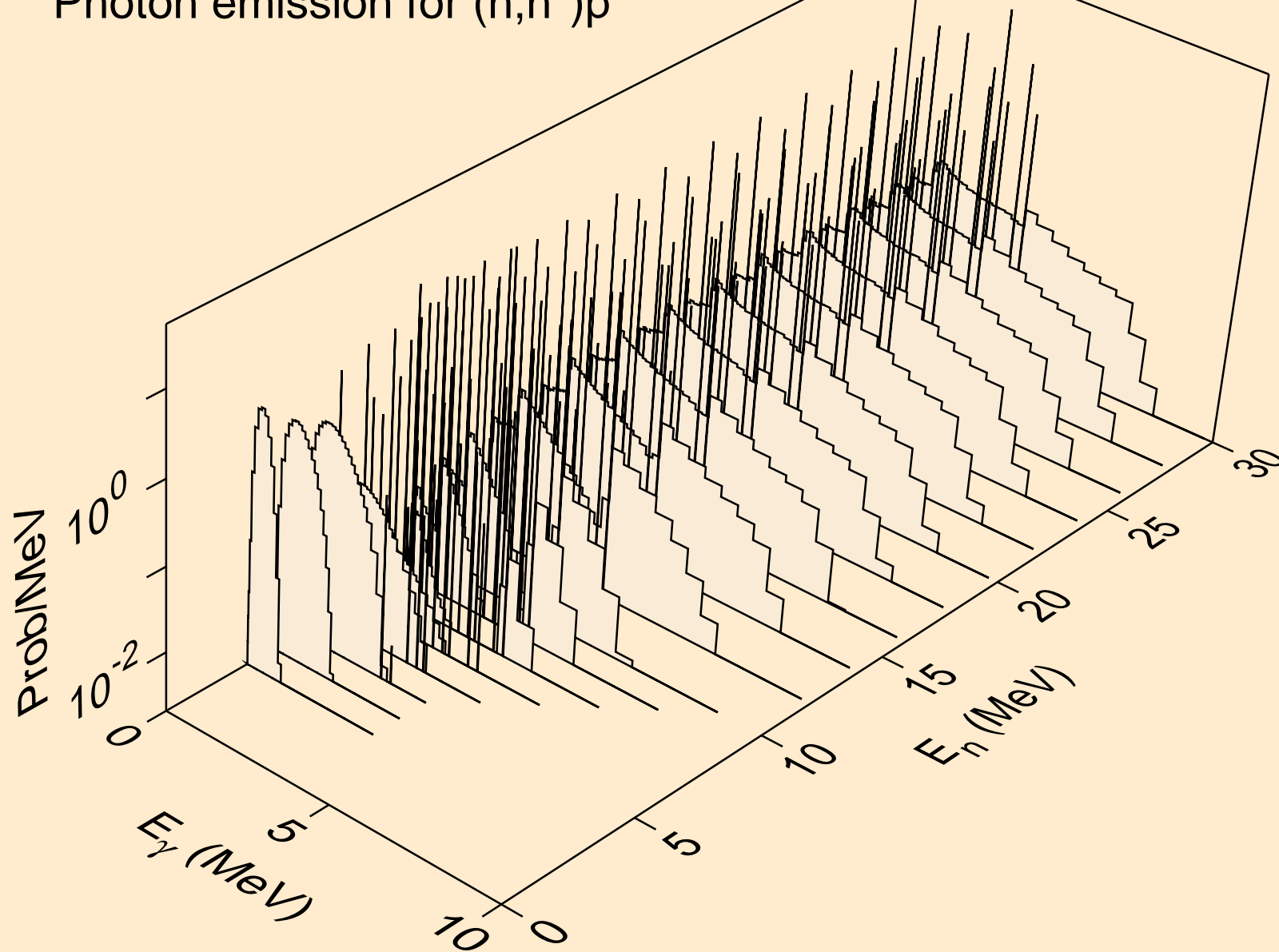




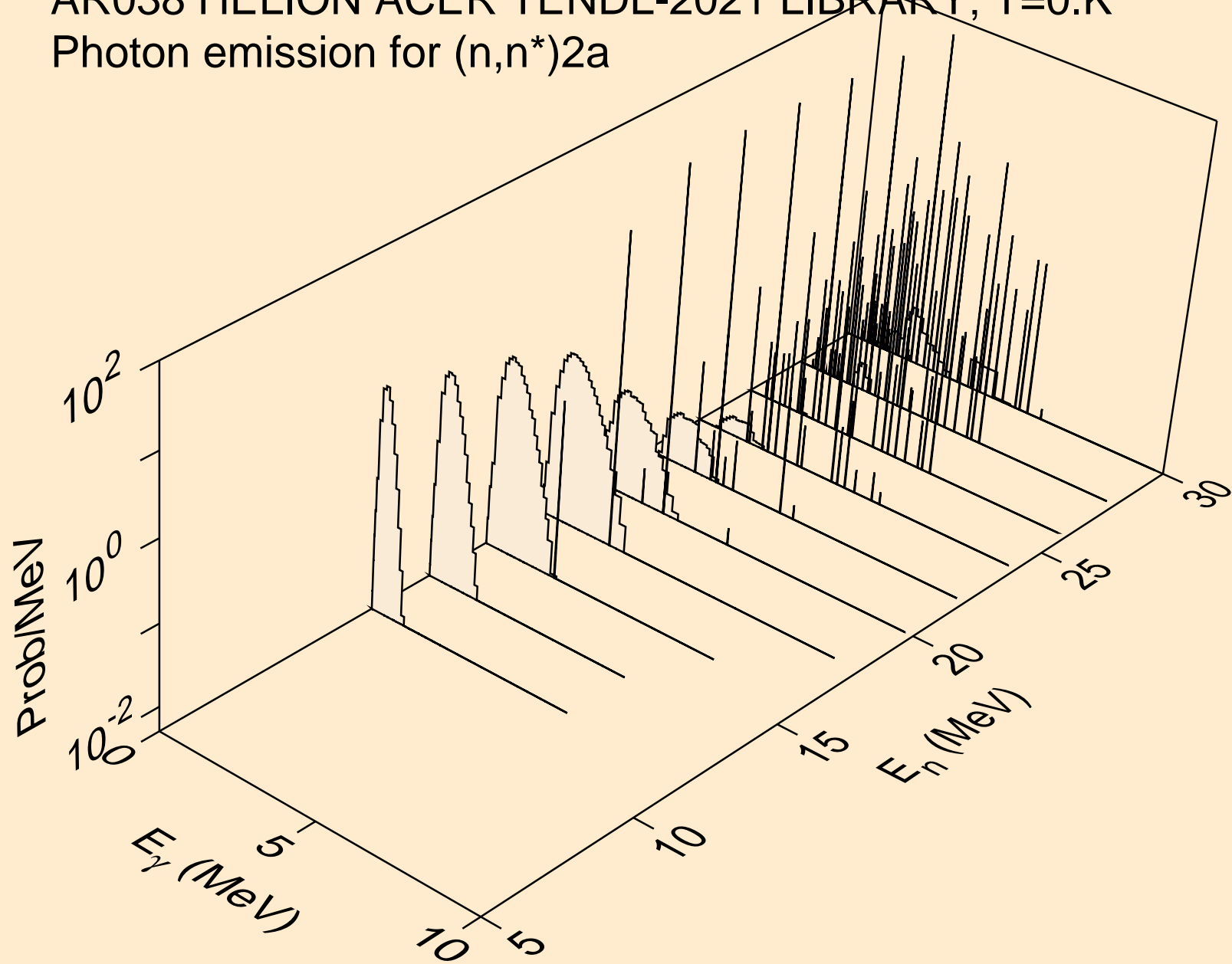
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Photon emission for (n,2n)a



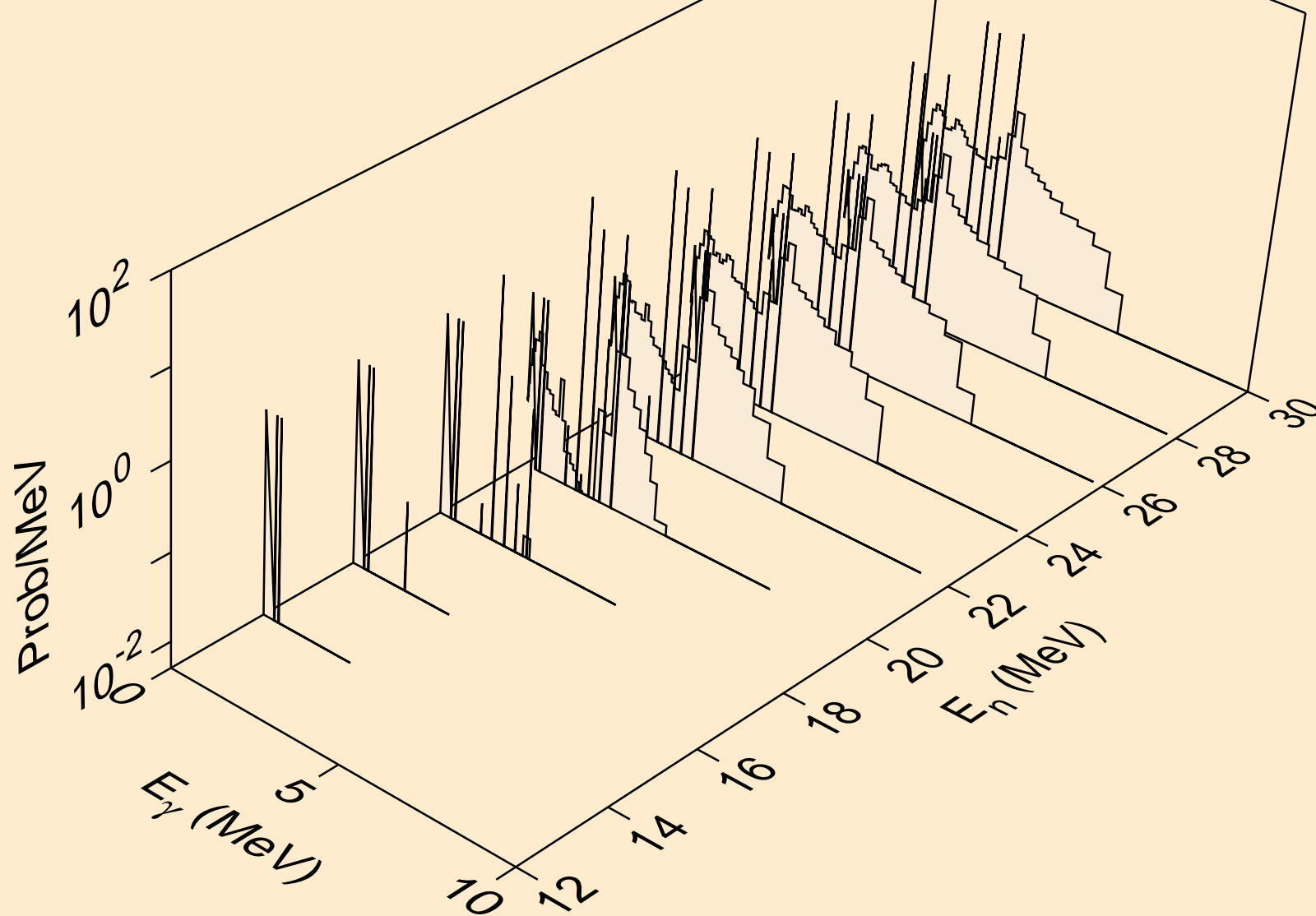
AR038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



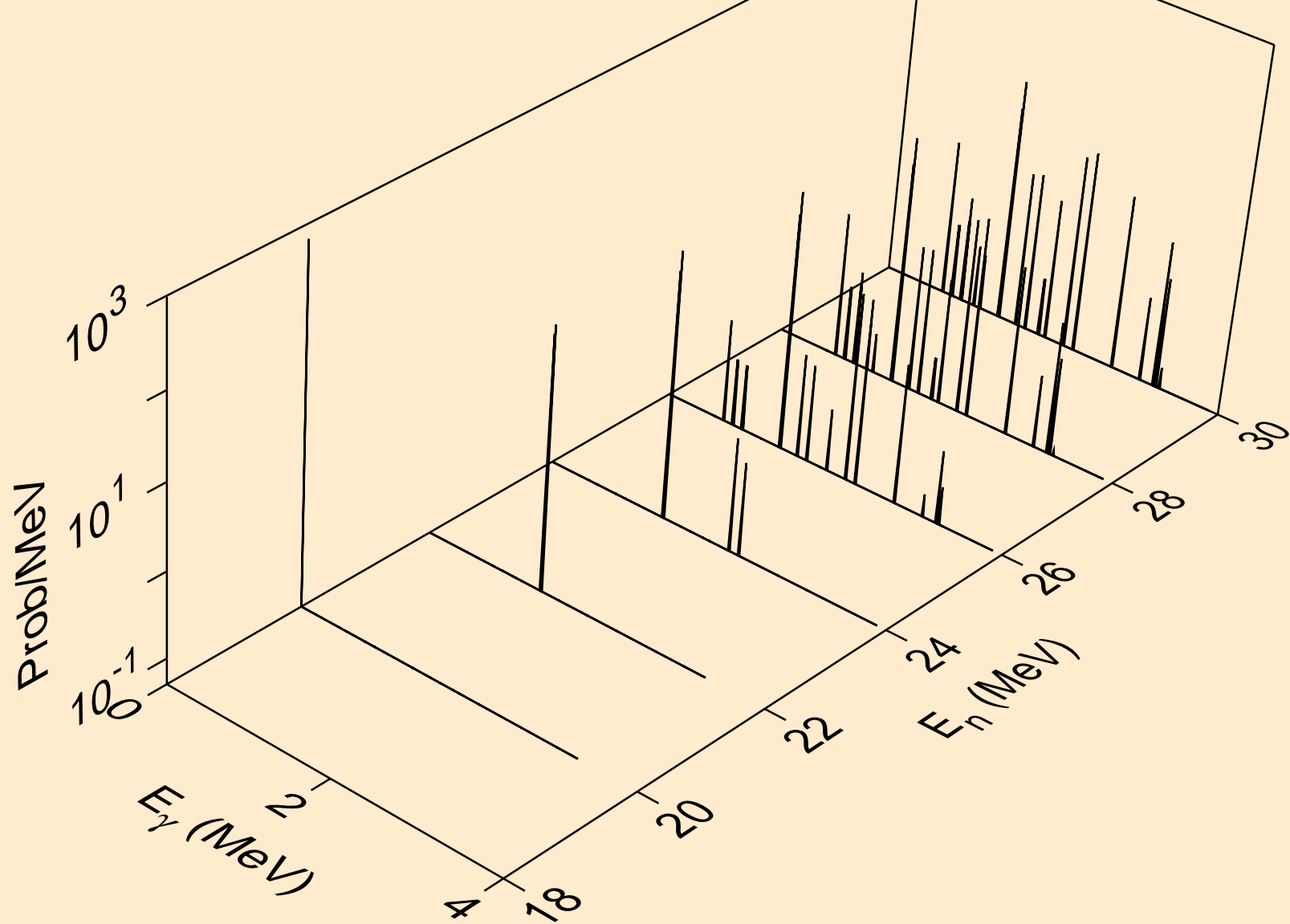
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Photon emission for (n,n\*)2a



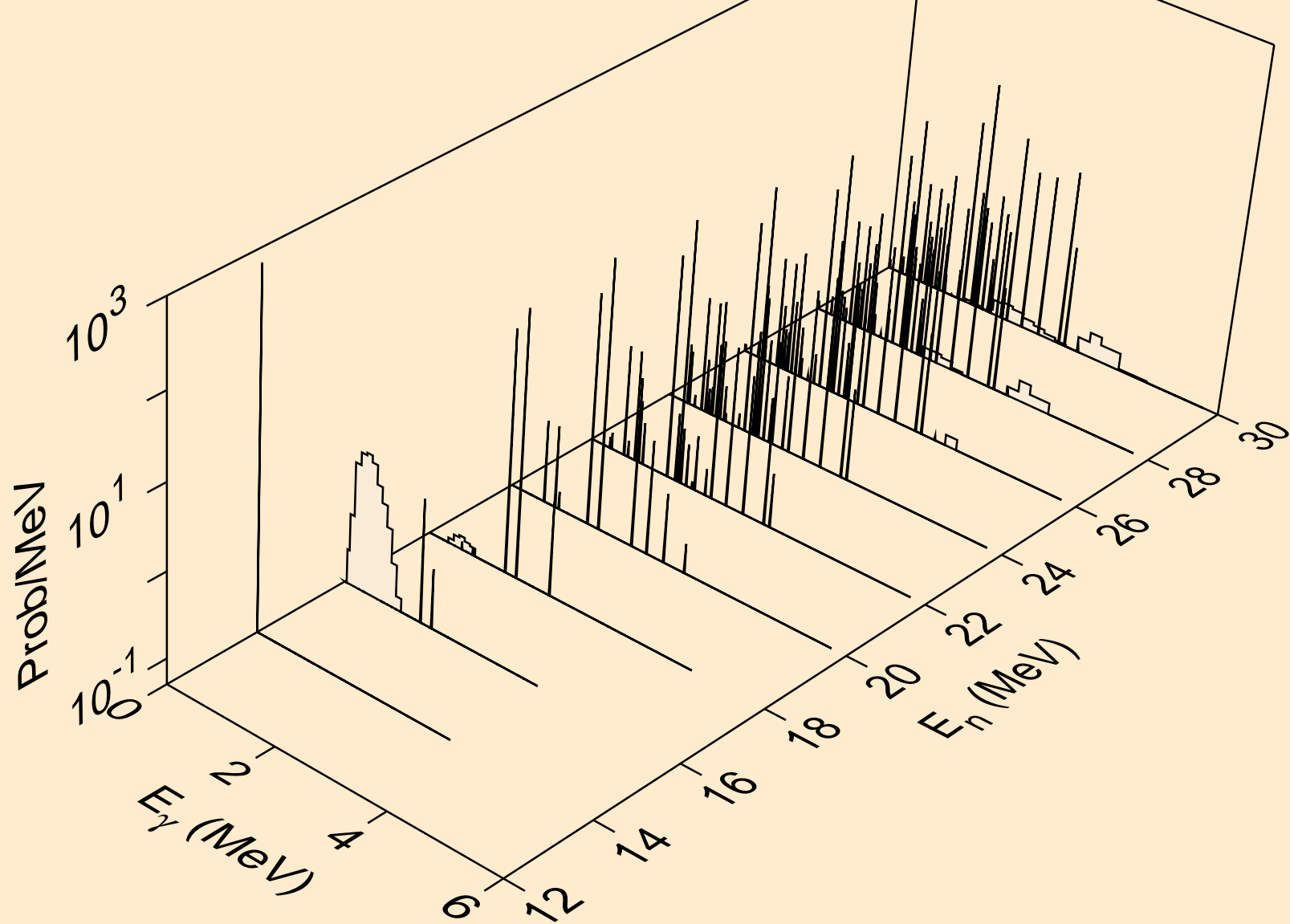
AR038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



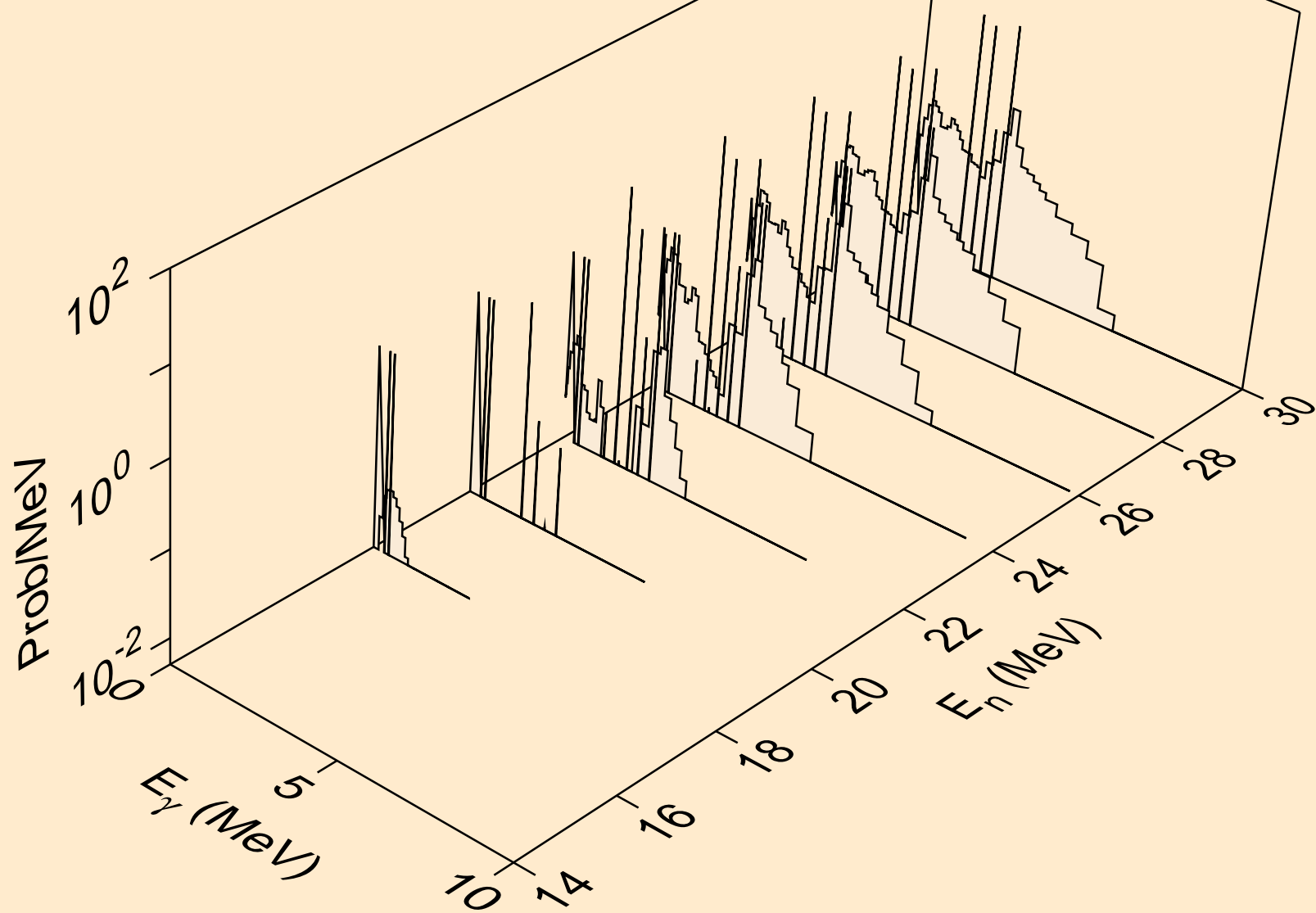
AR038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



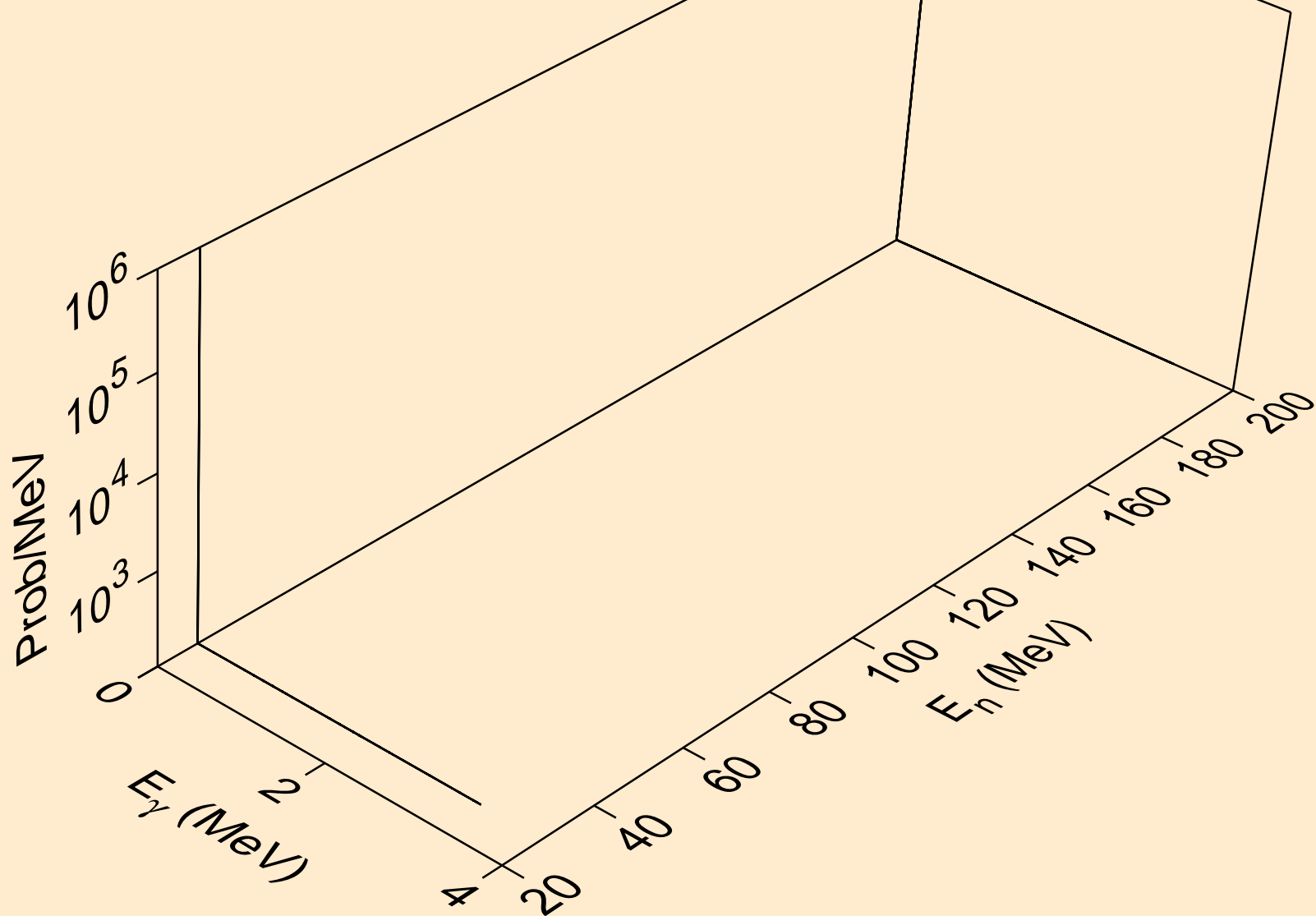
AR038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



AR038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)

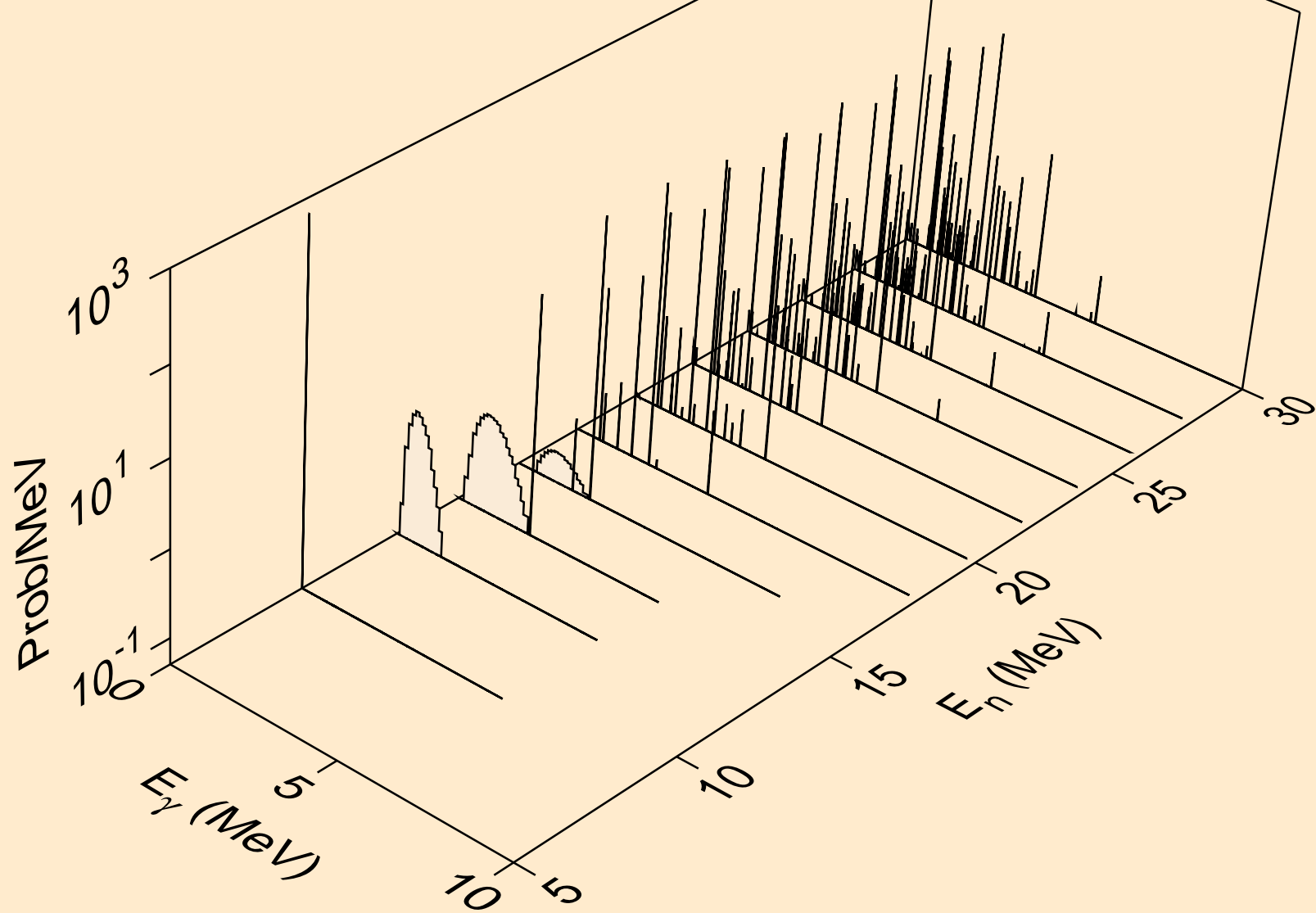


AR038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3np)

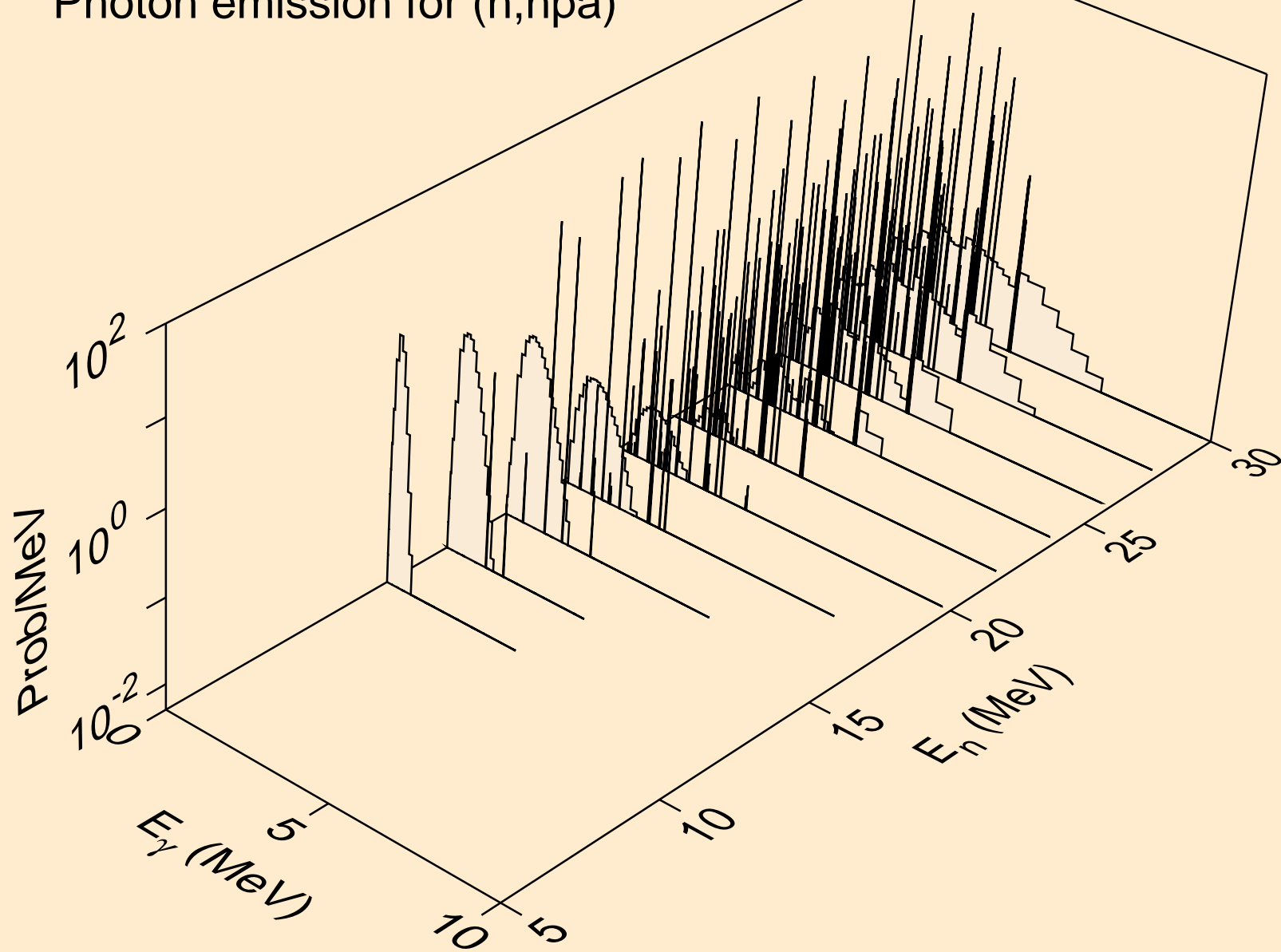




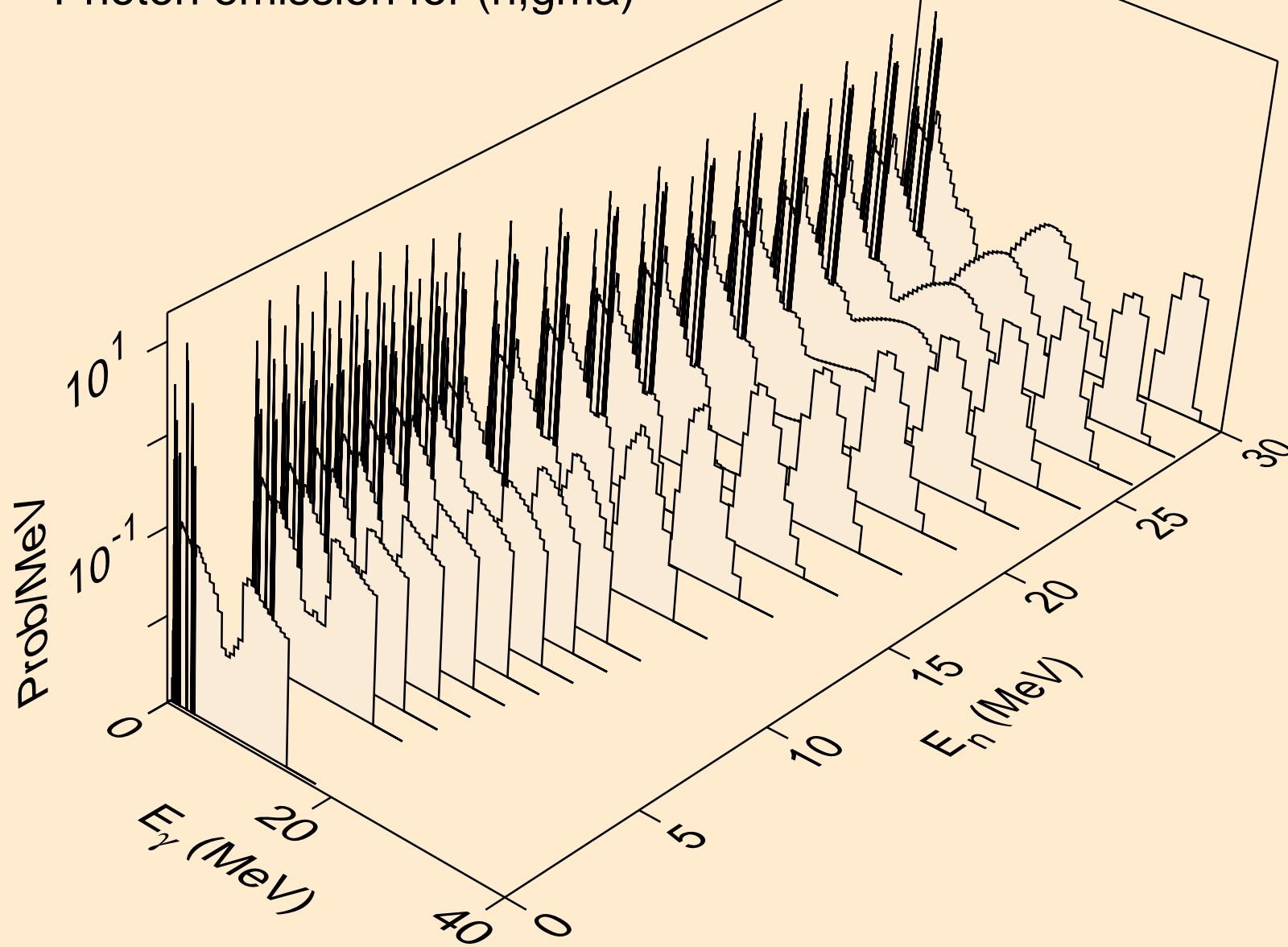
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Photon emission for (n,2np)



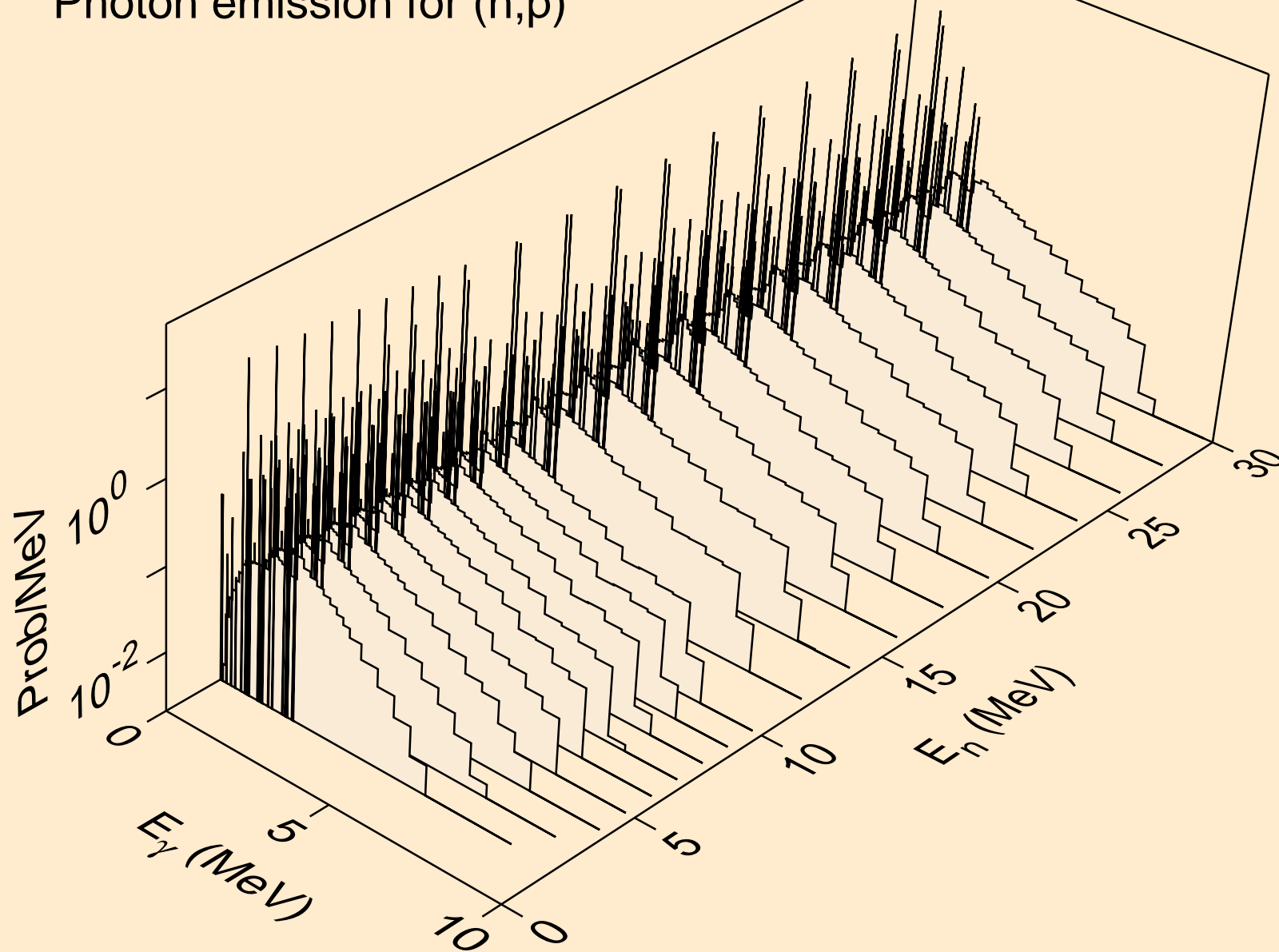
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Photon emission for (n,npa)



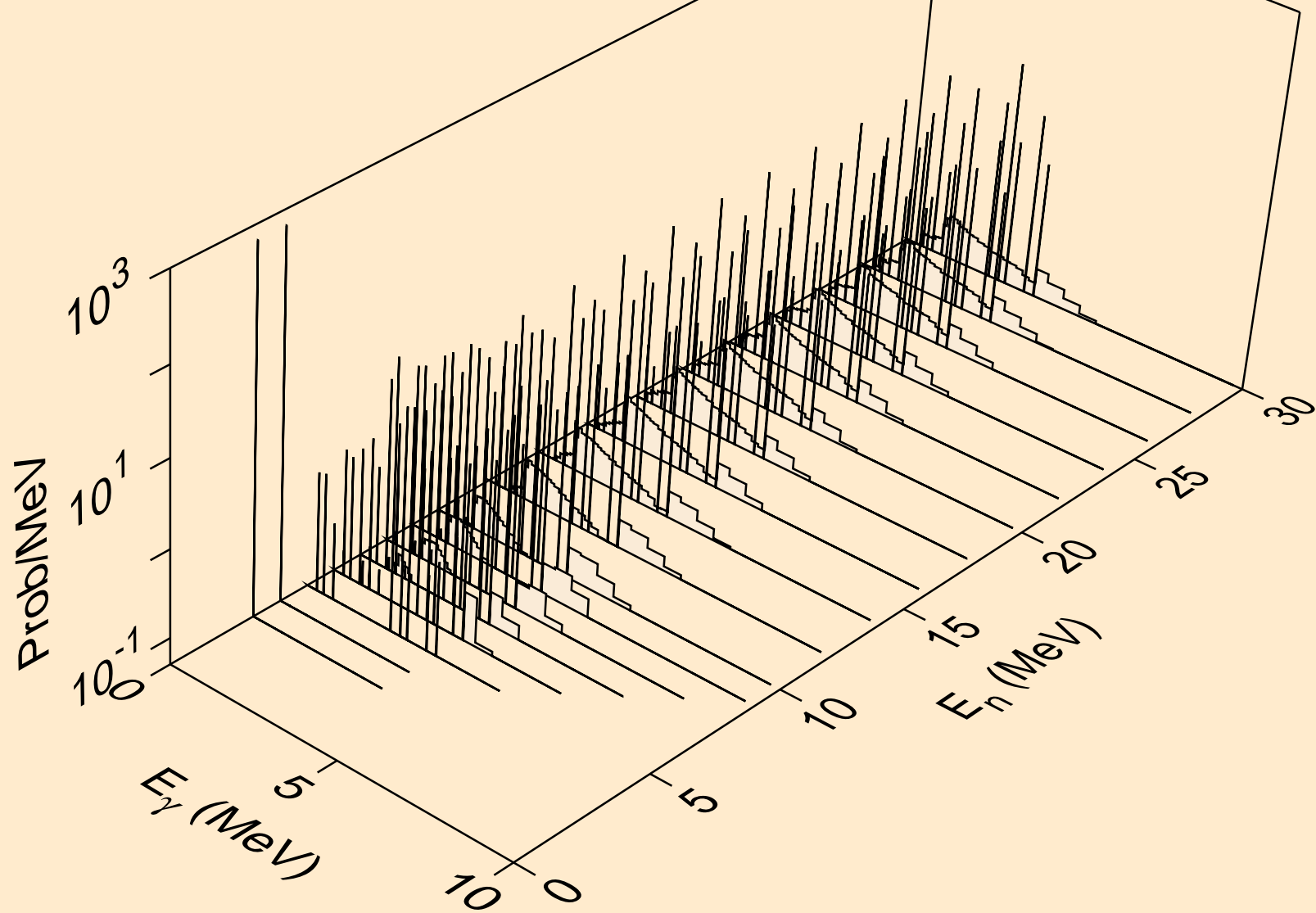
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Photon emission for (n,gma)



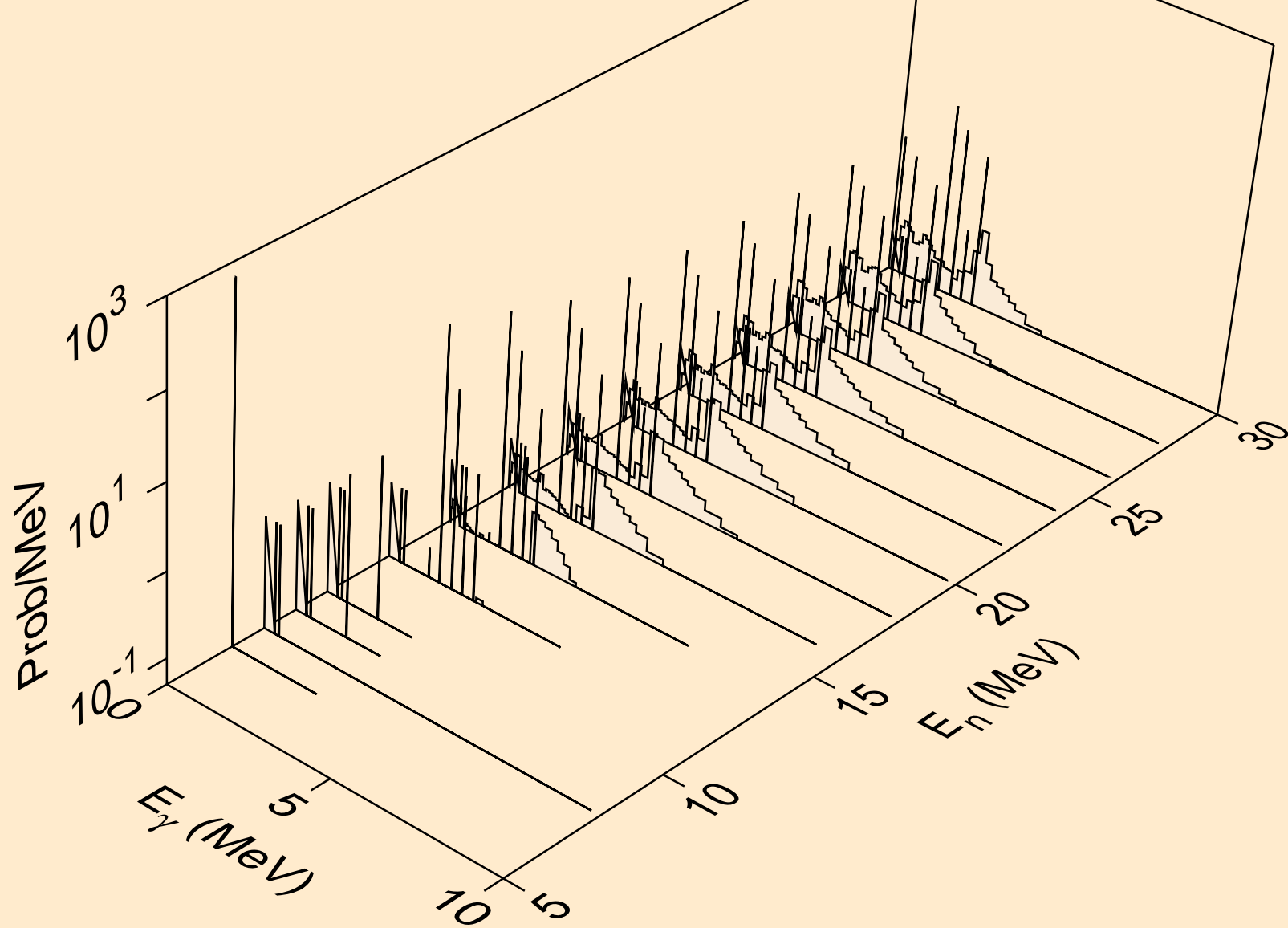
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Photon emission for (n,p)



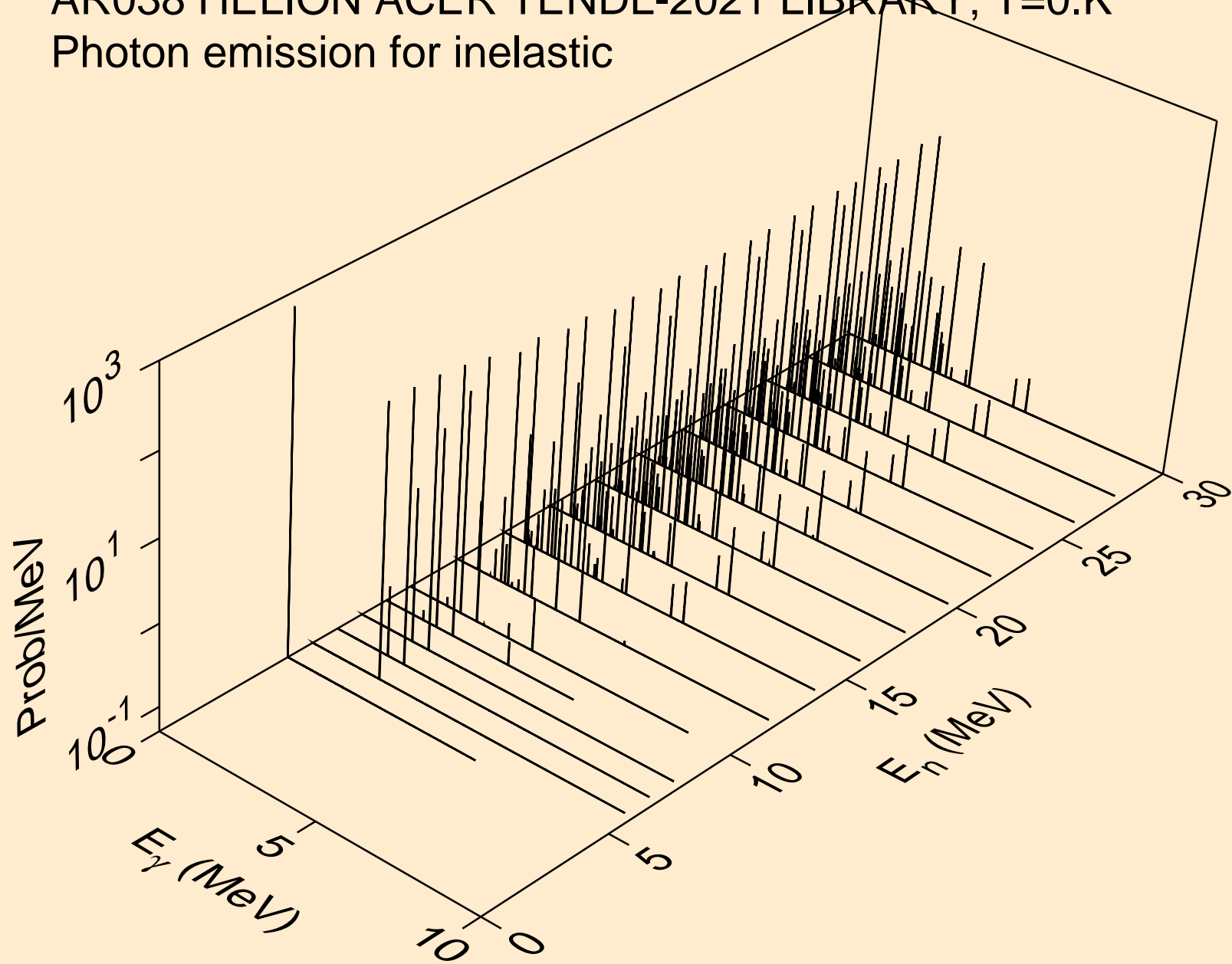
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Photon emission for (n,d)



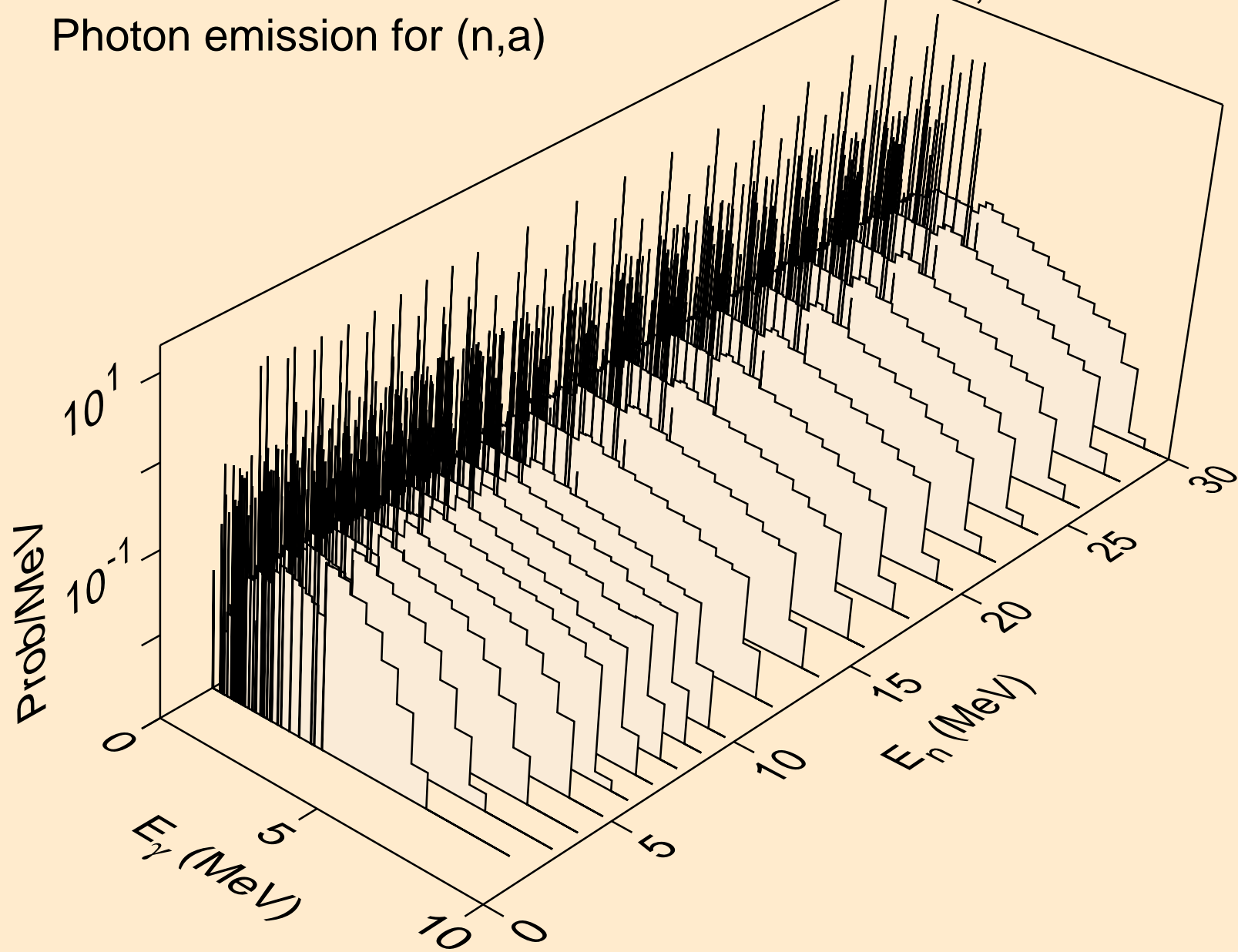
AR038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)



AR038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic

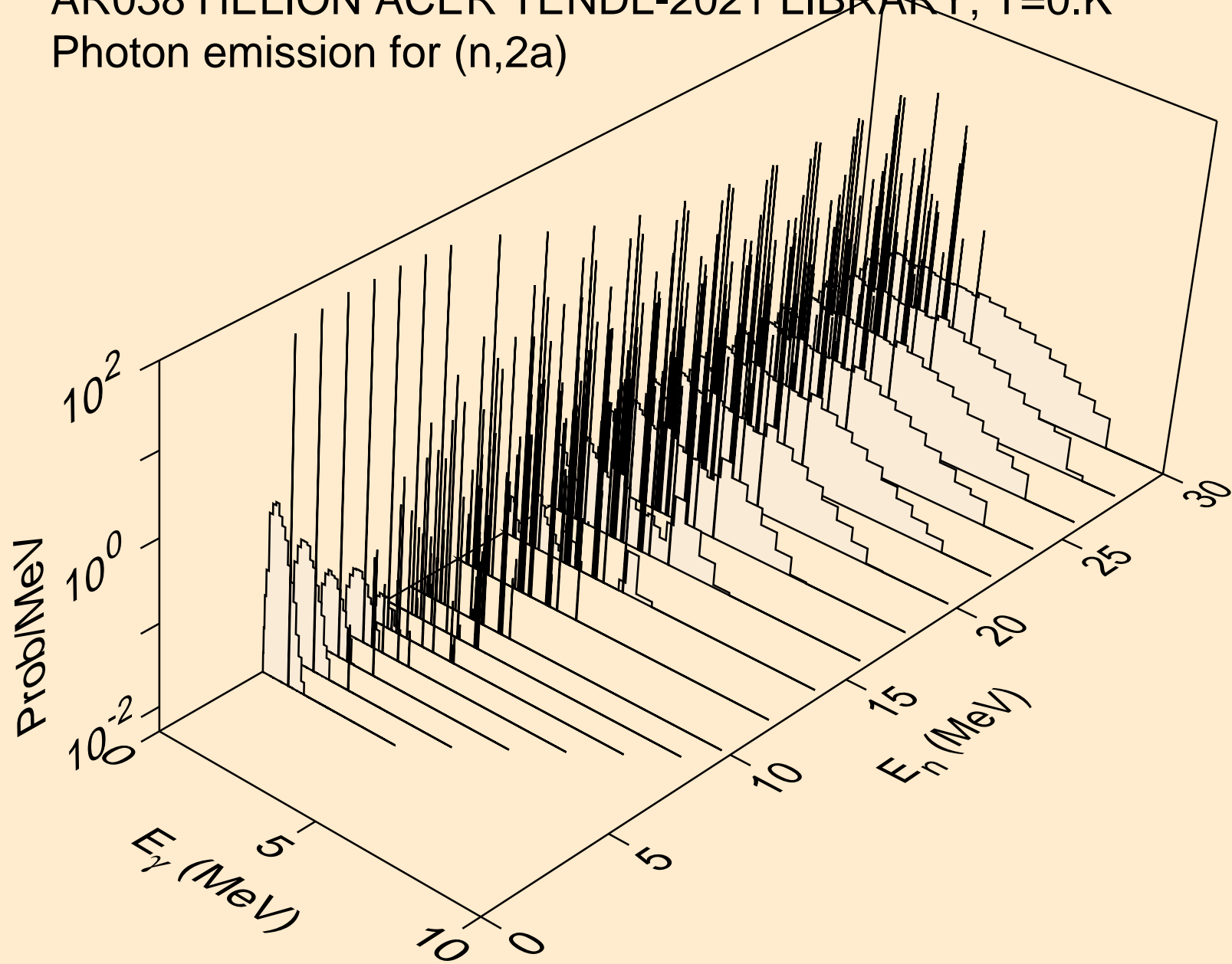


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Photon emission for (n,a)

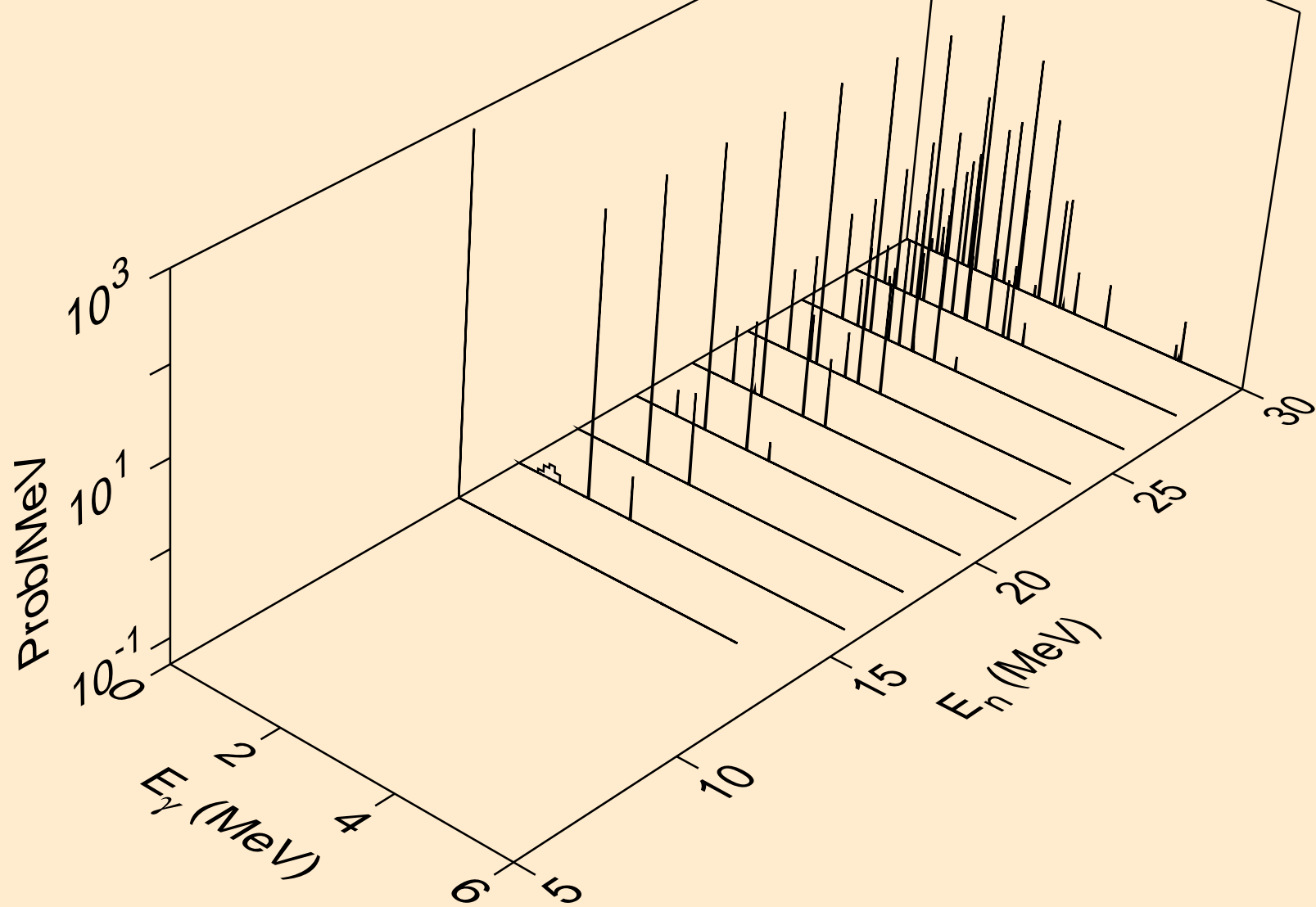




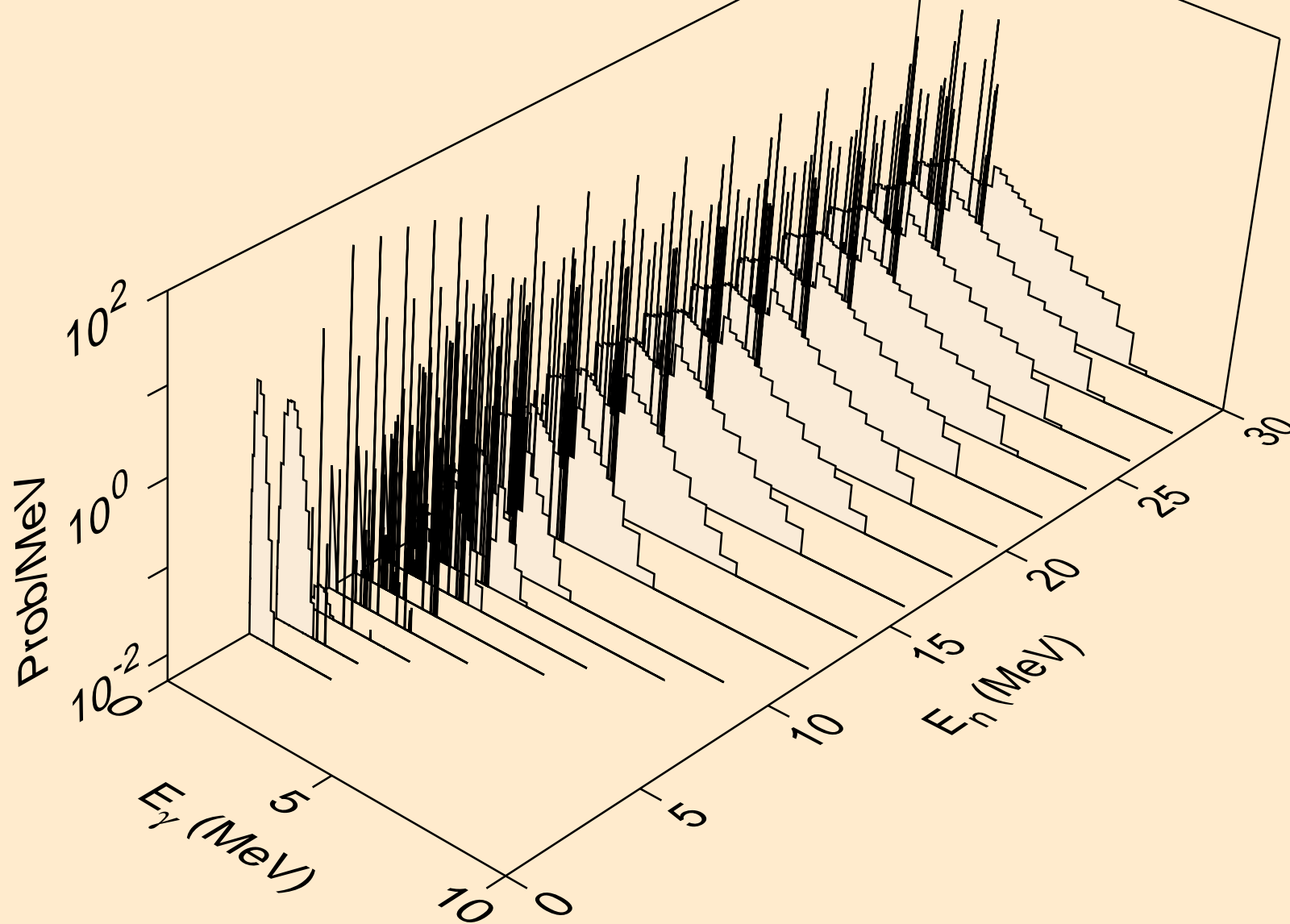
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Photon emission for (n,2a)



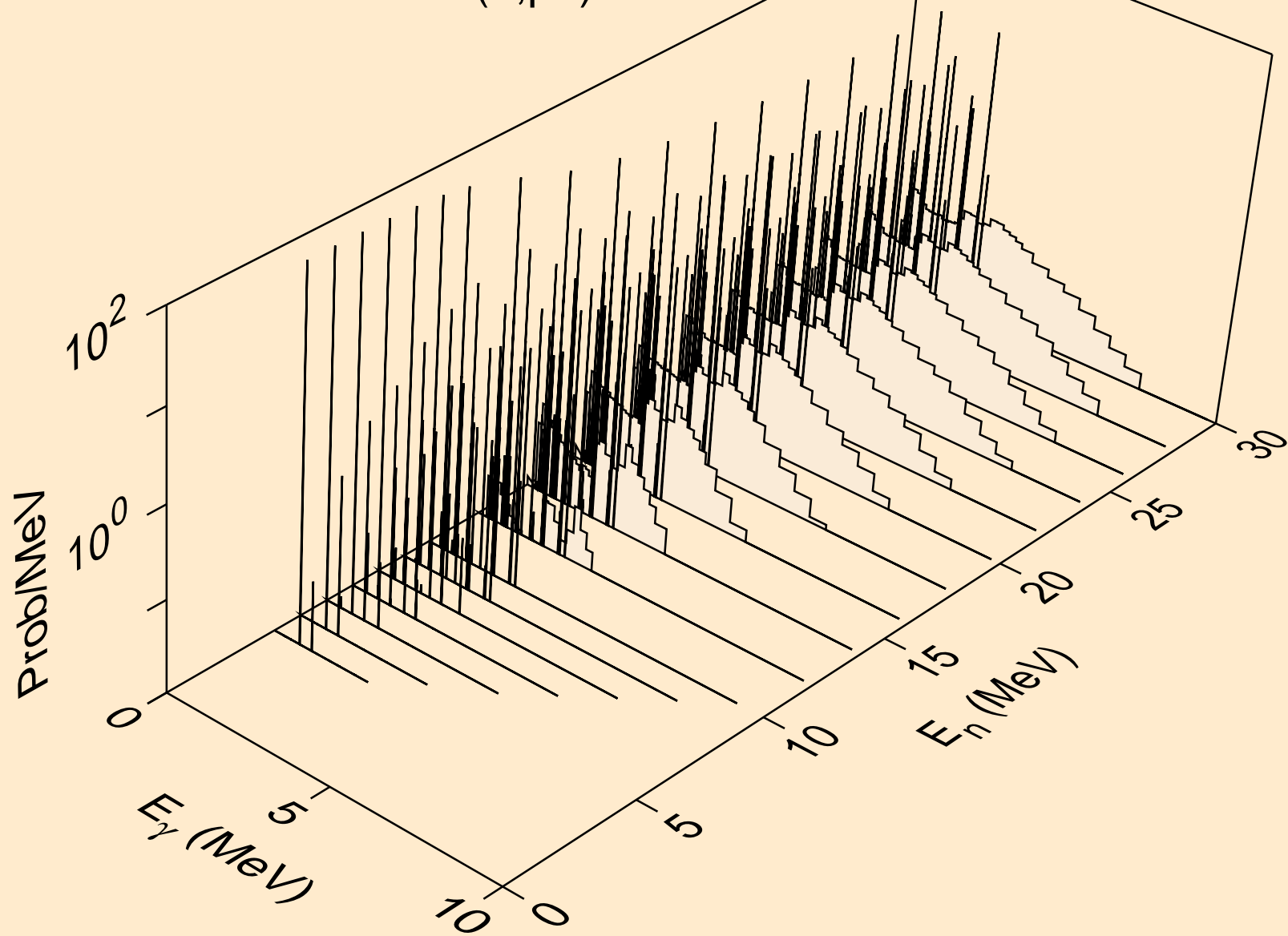
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Photon emission for (n,3a)



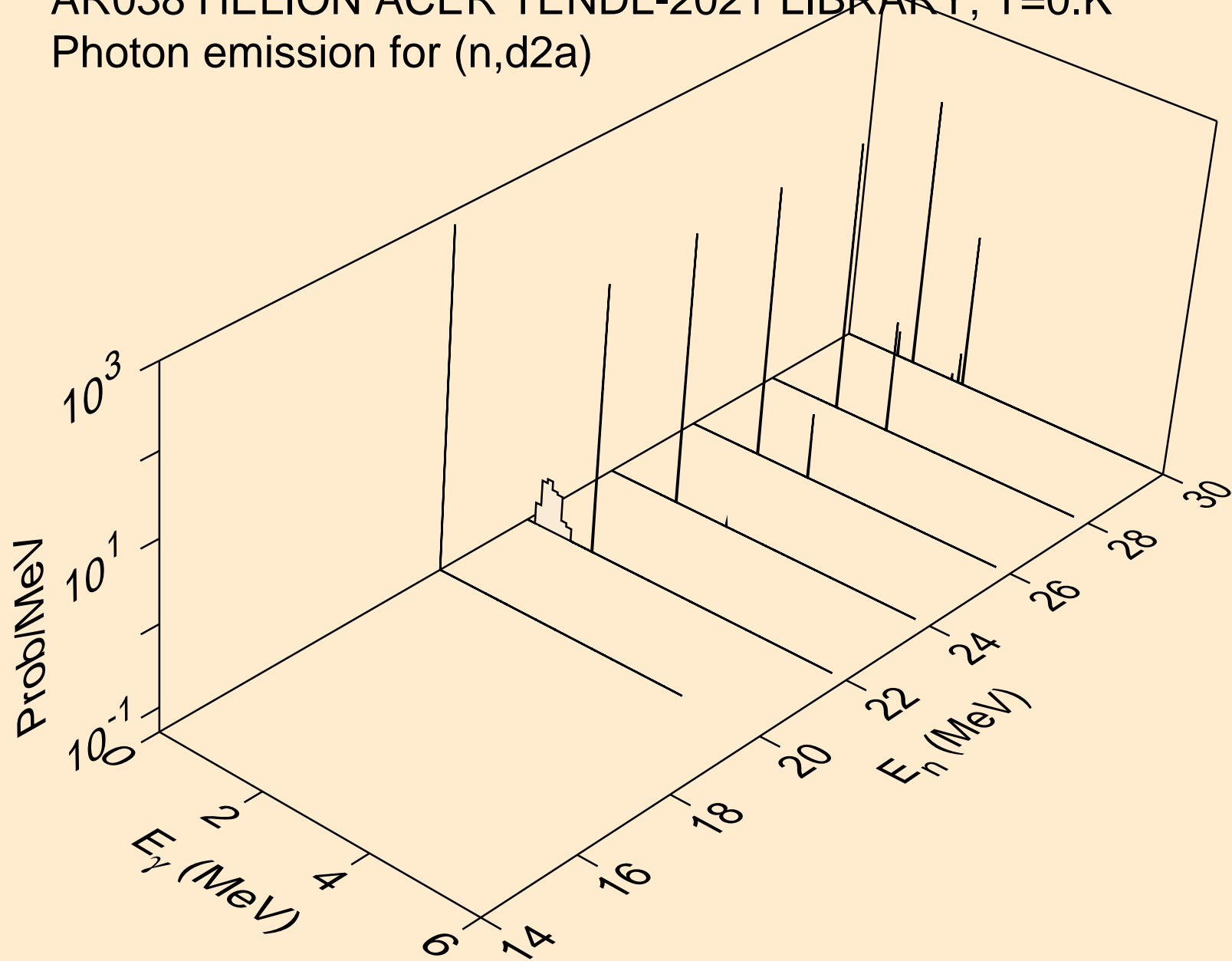
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Photon emission for (n,2p)



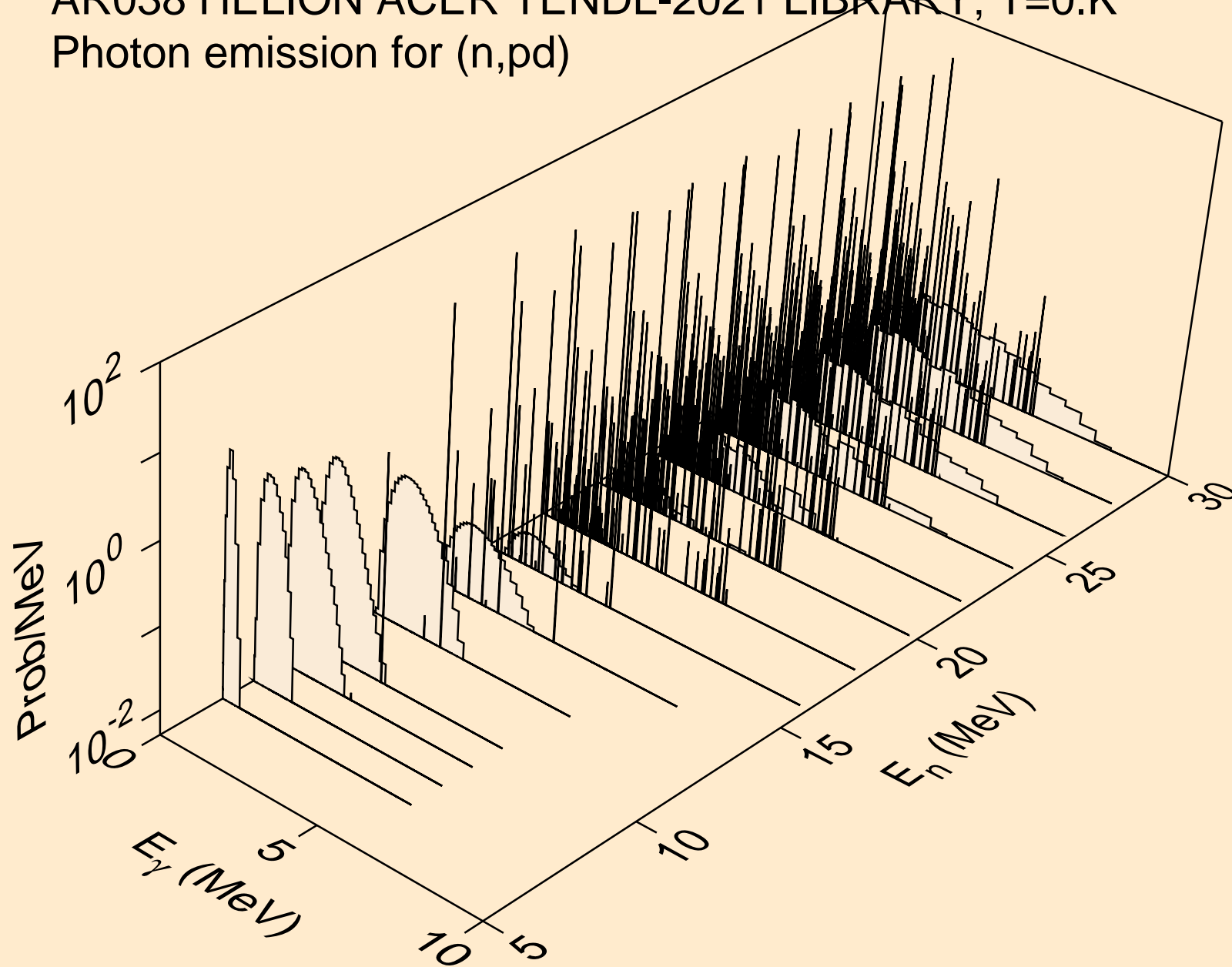
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Photon emission for (n,pa)



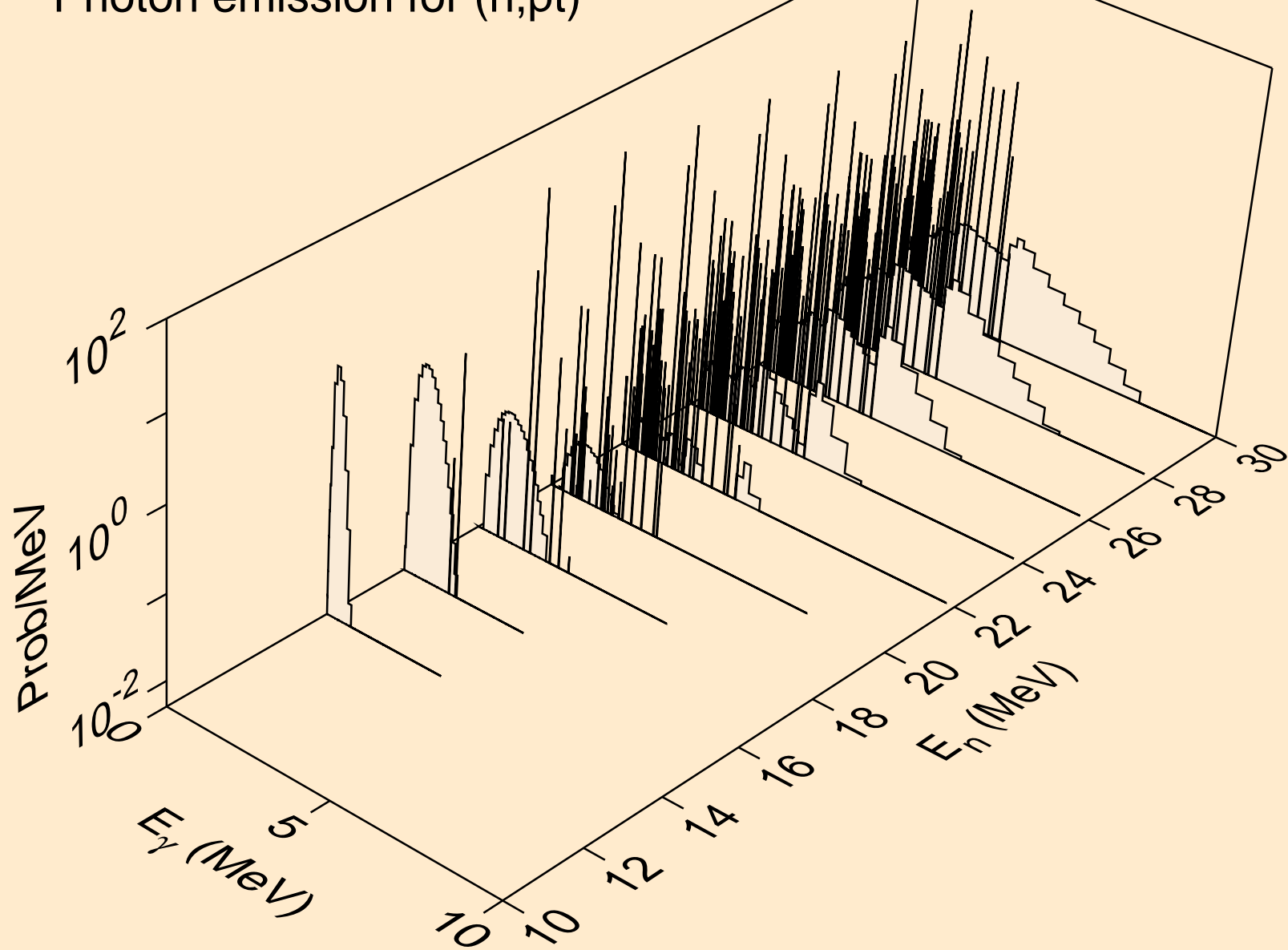
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Photon emission for (n,d2a)



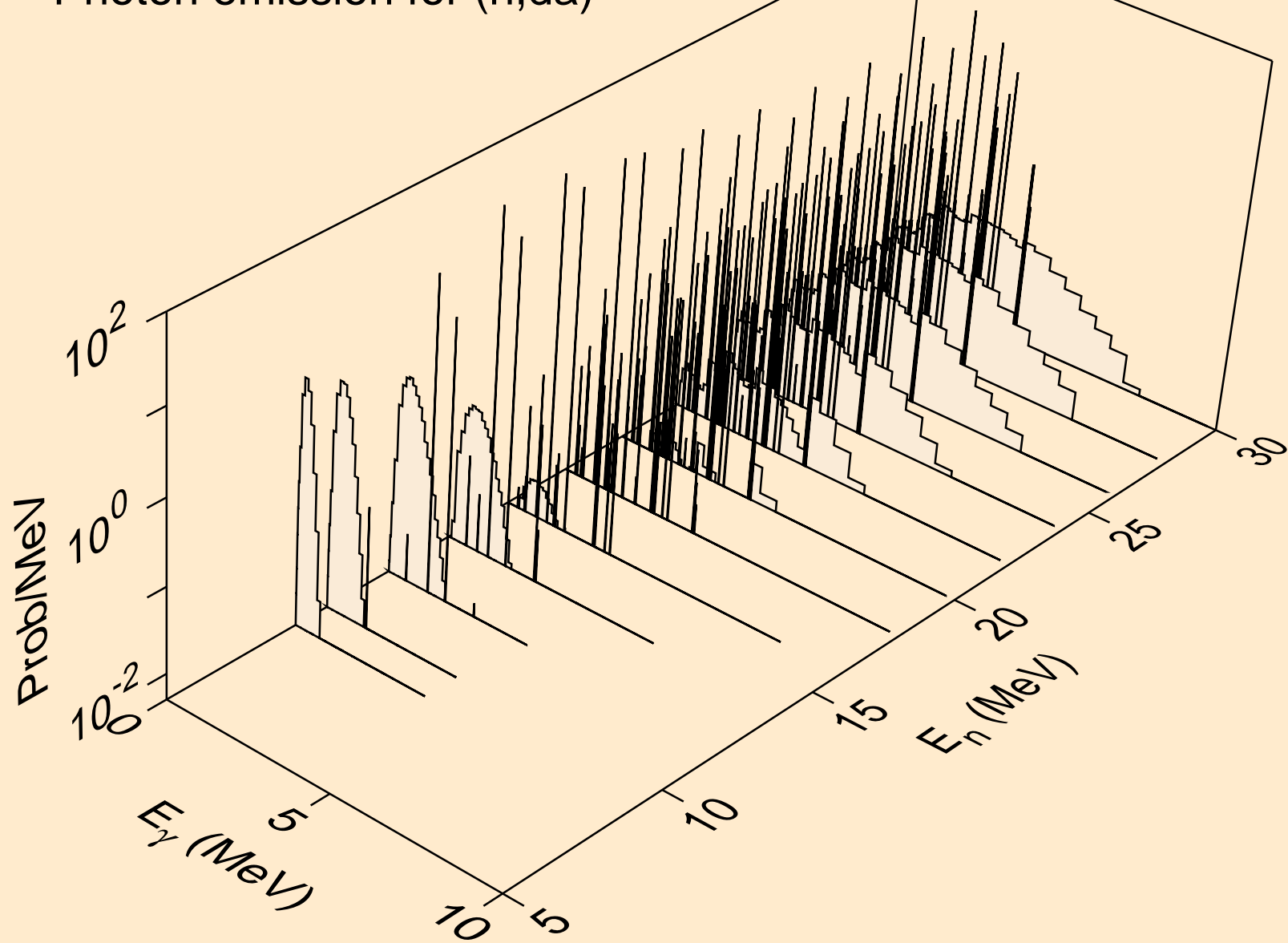
AR038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)



AR038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)

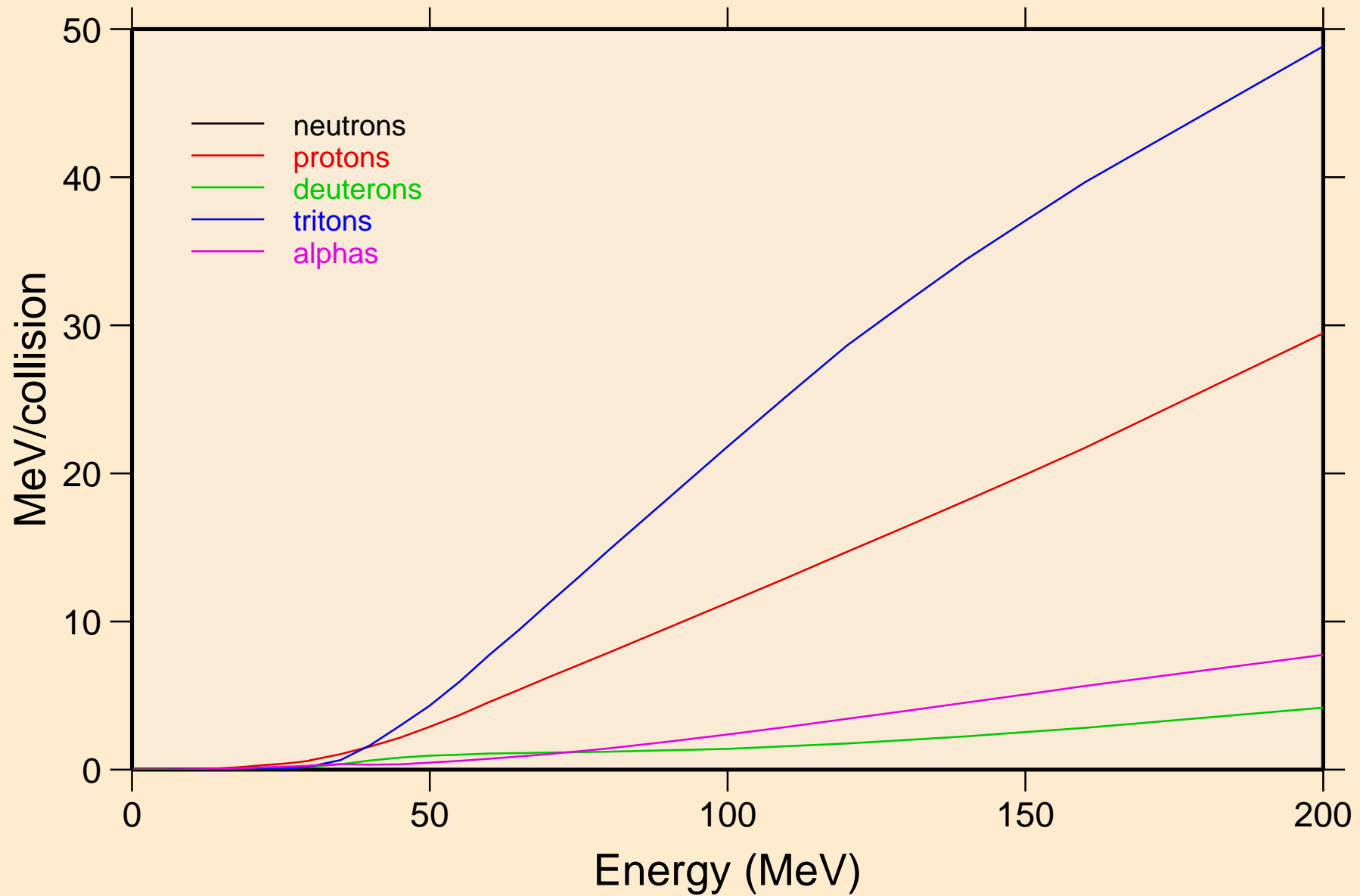


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Photon emission for (n,da)

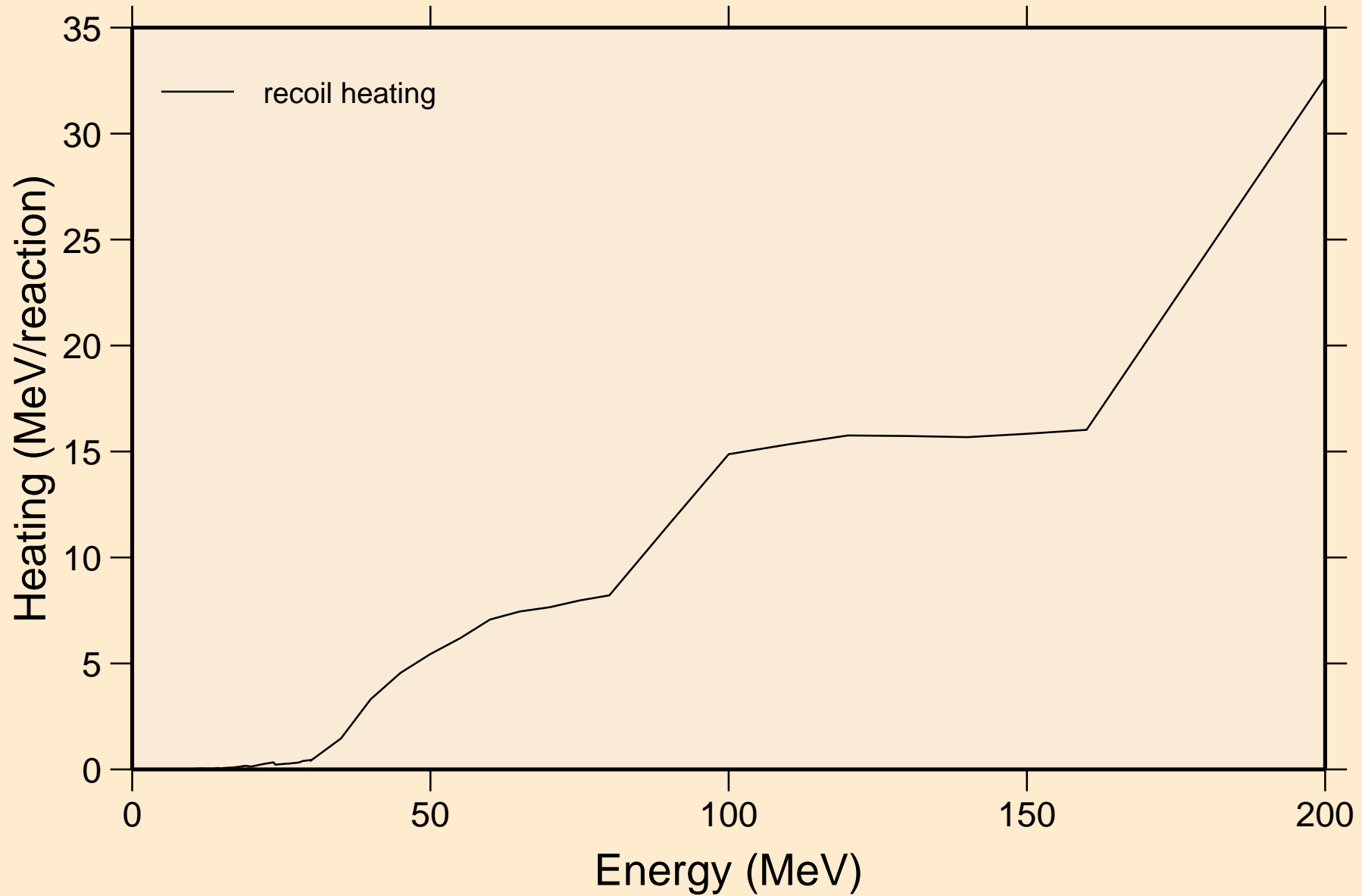




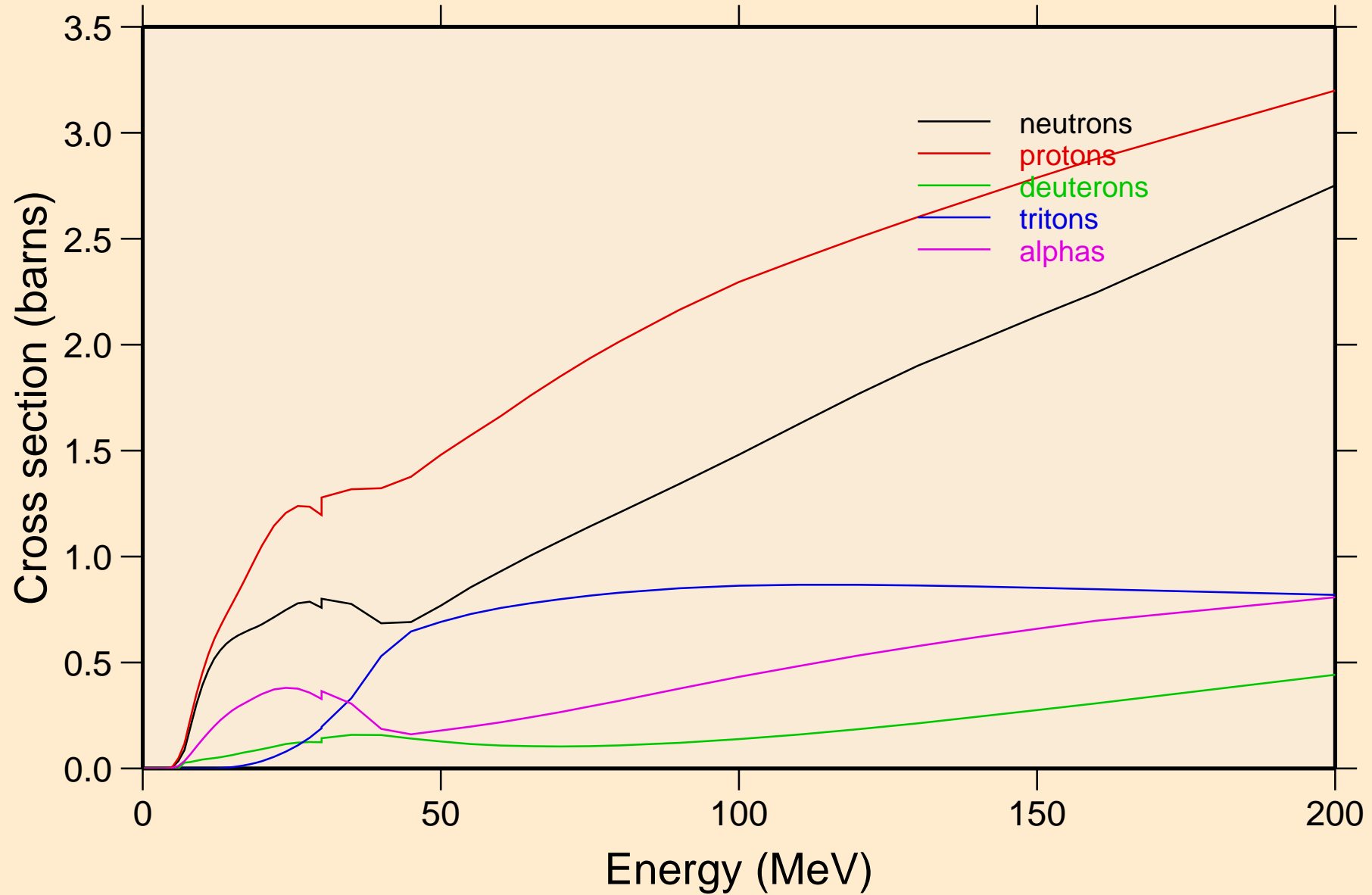
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Particle heating contributions



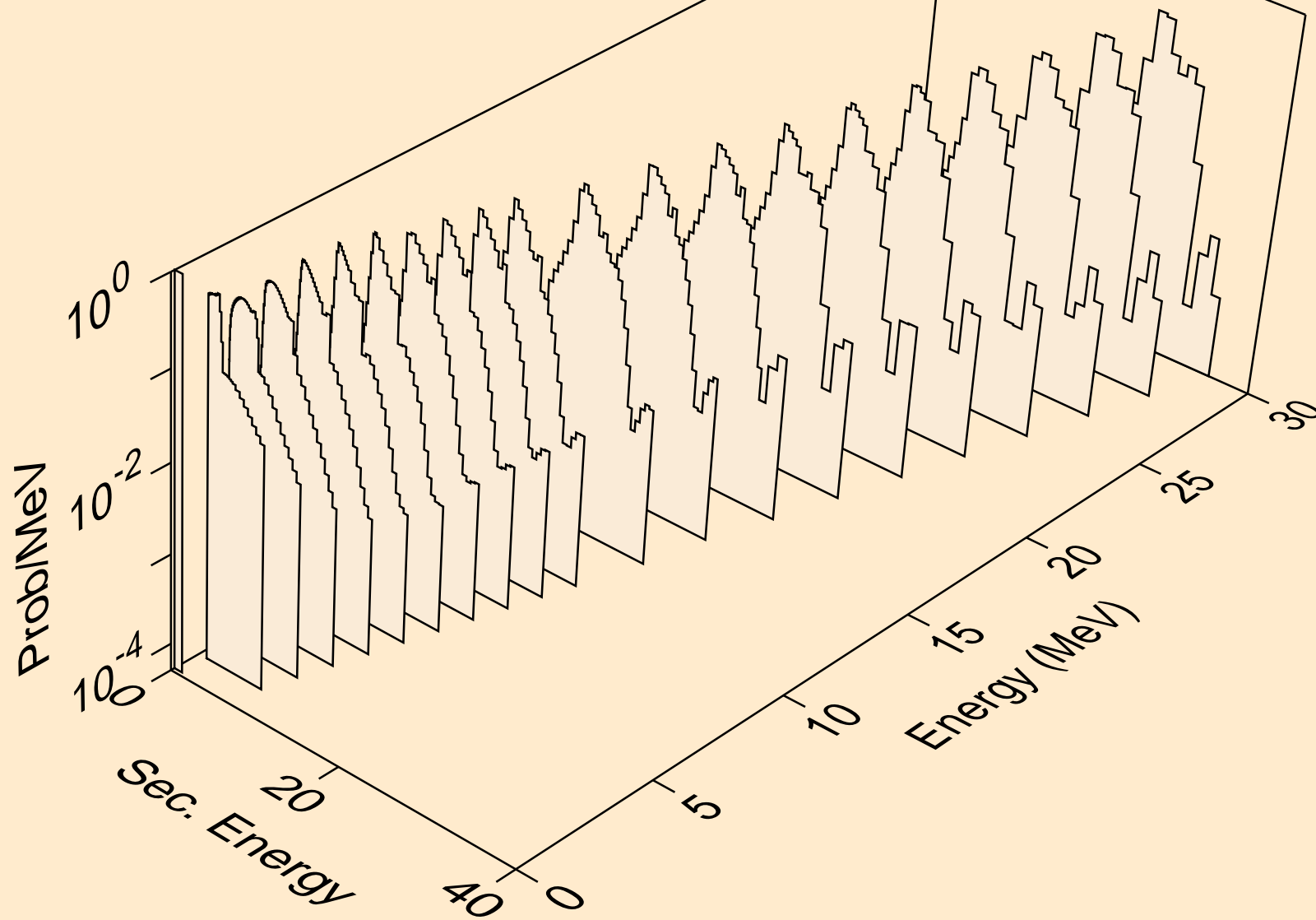
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Recoil Heating



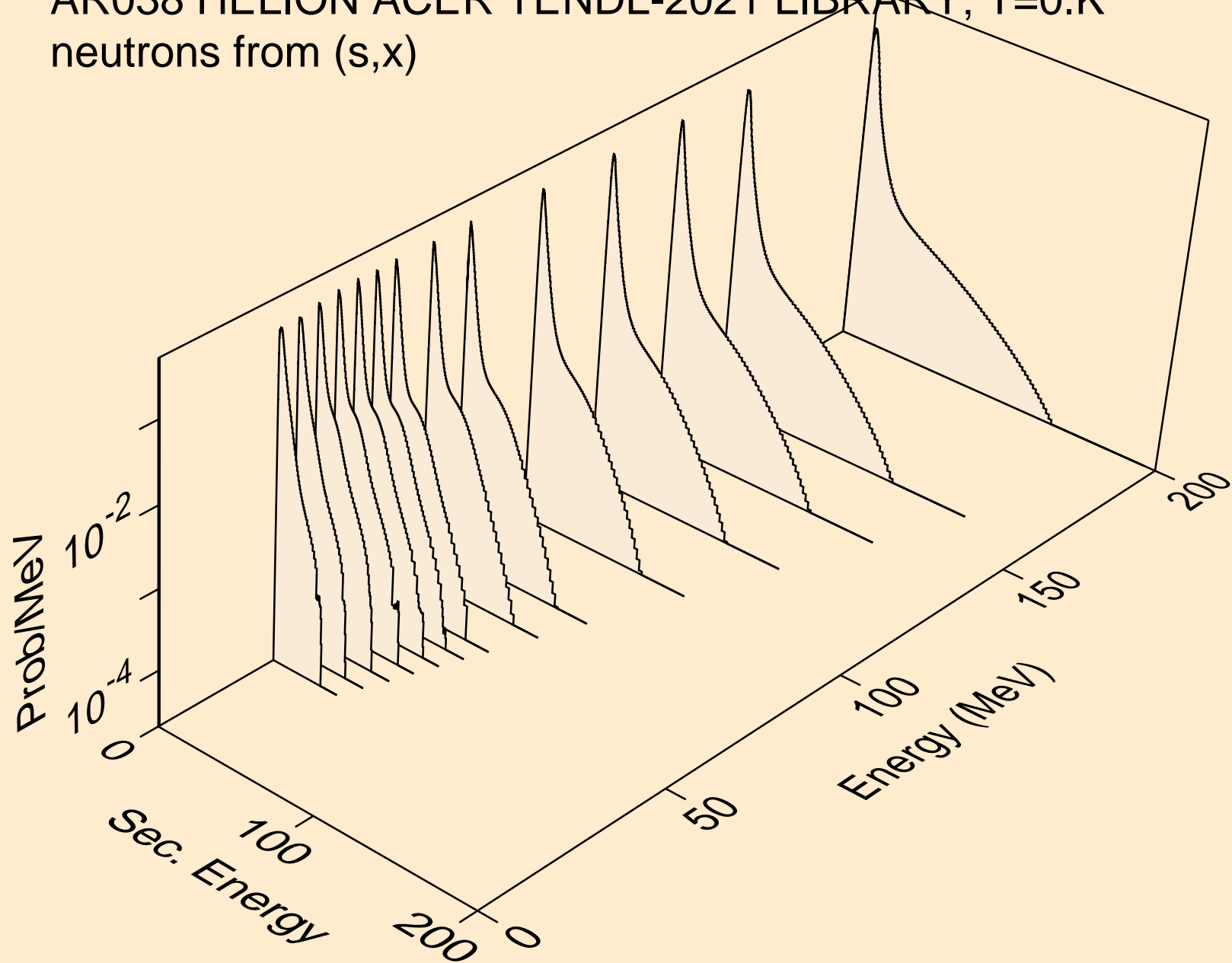
AR038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



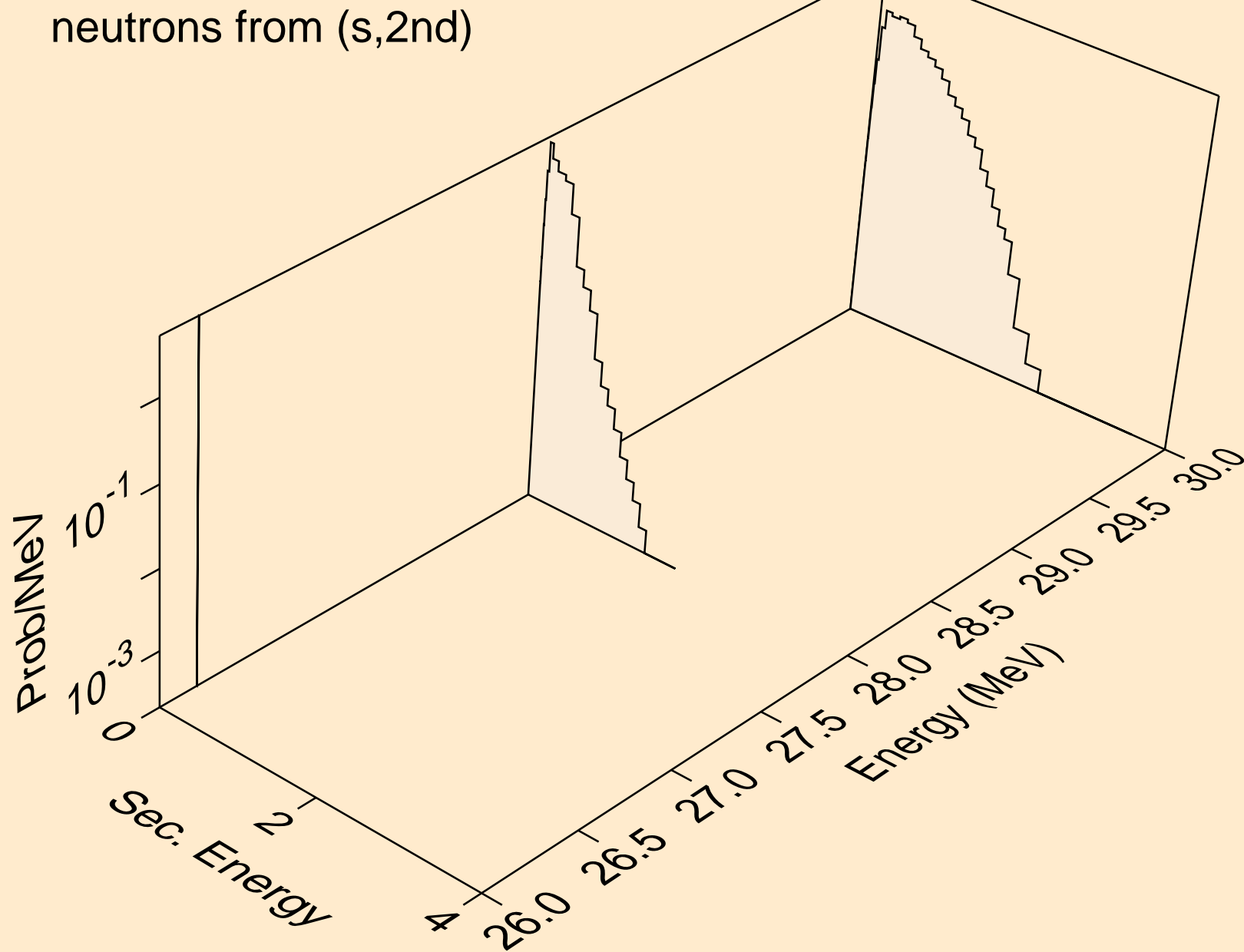
AR038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n)



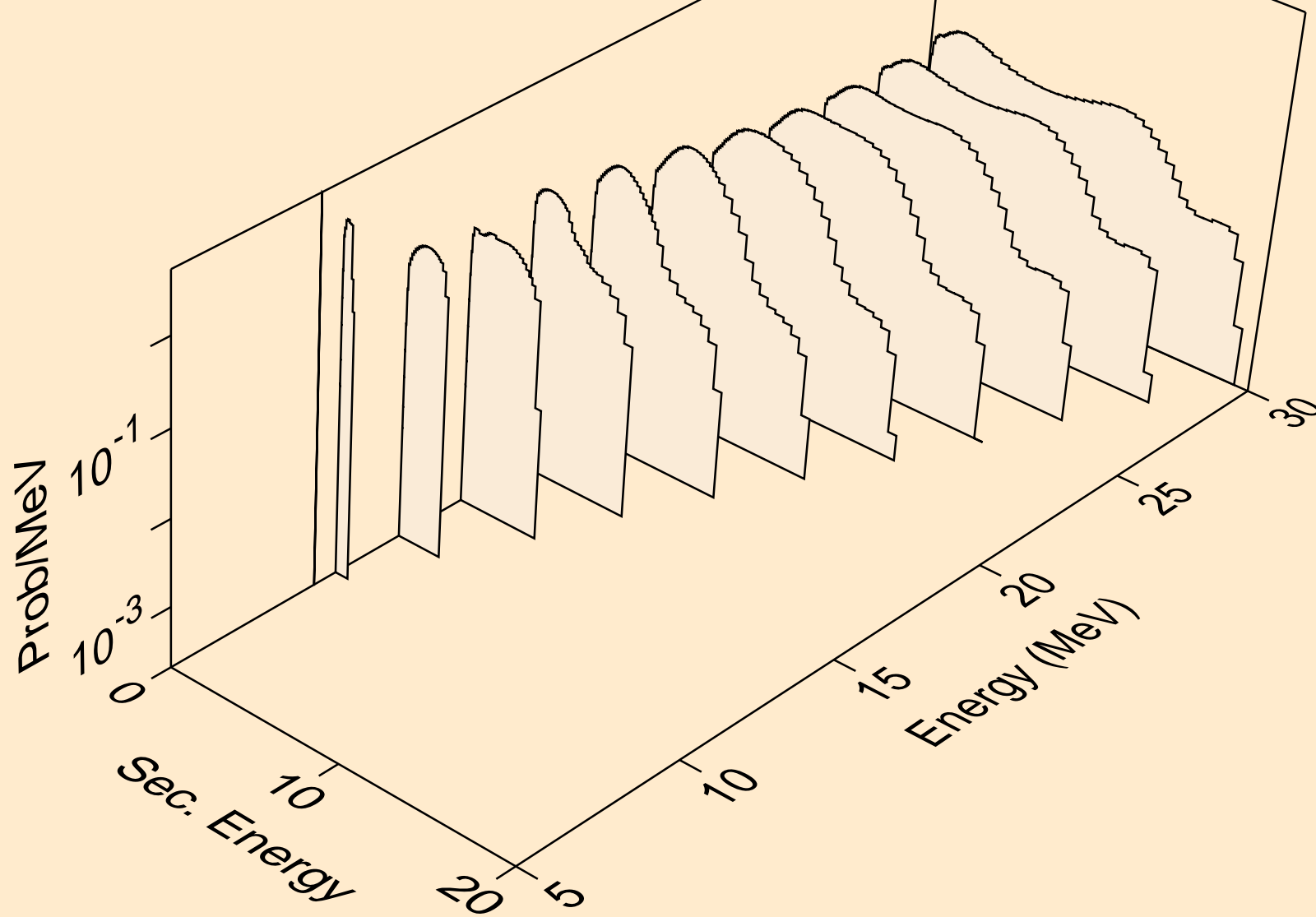
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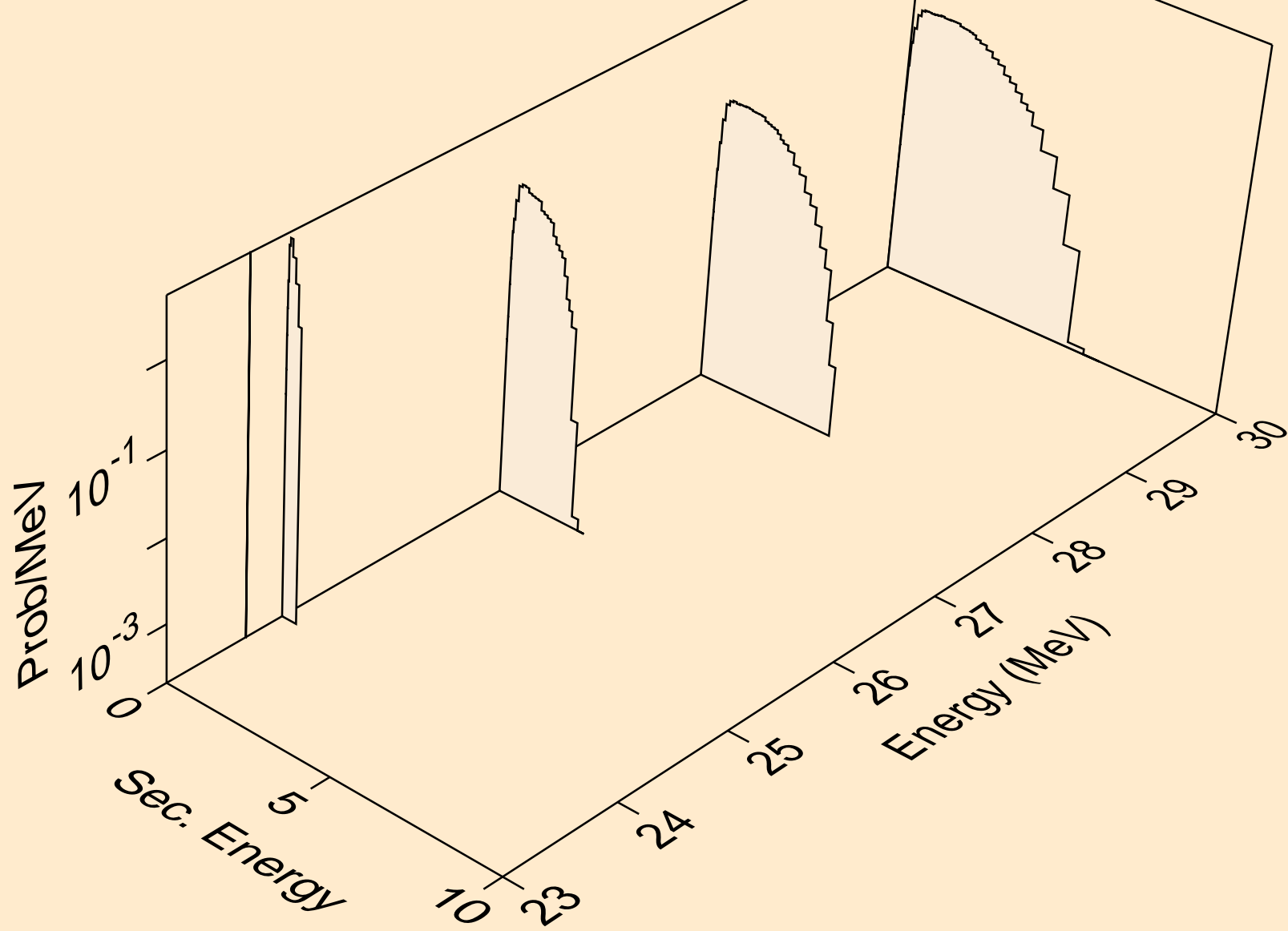
AR038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2nd)



AR038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)

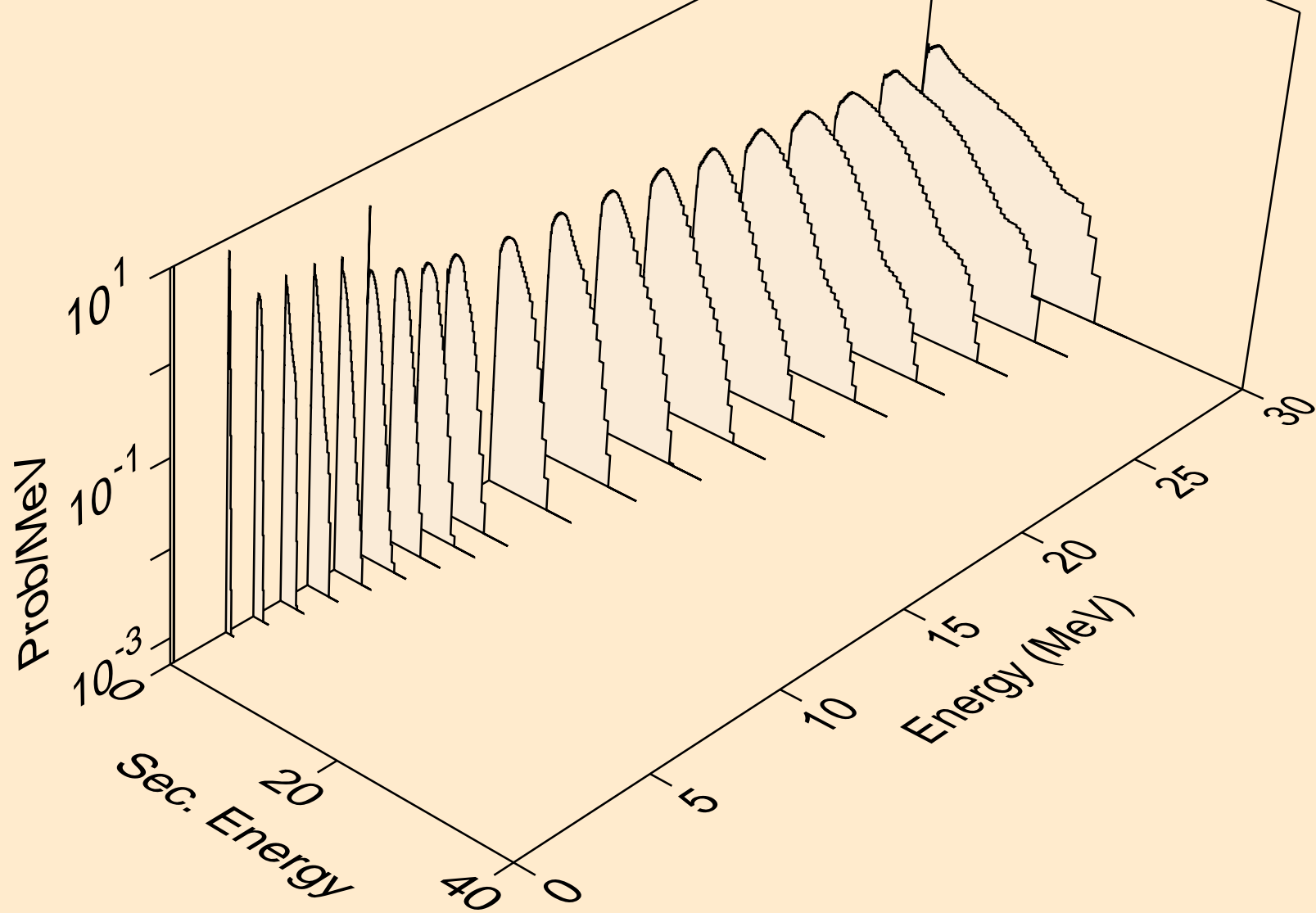


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neutrons from (s,3n)

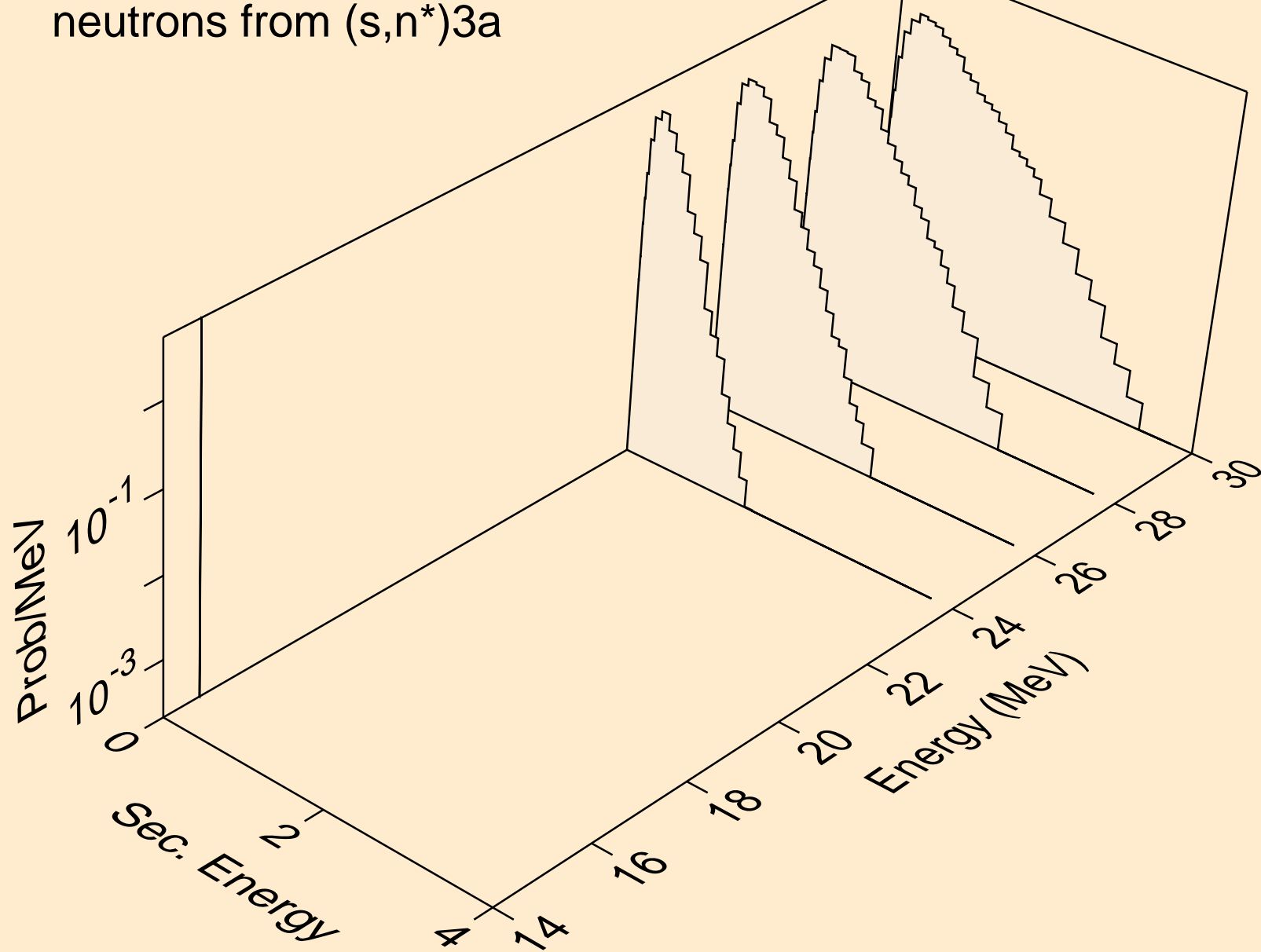




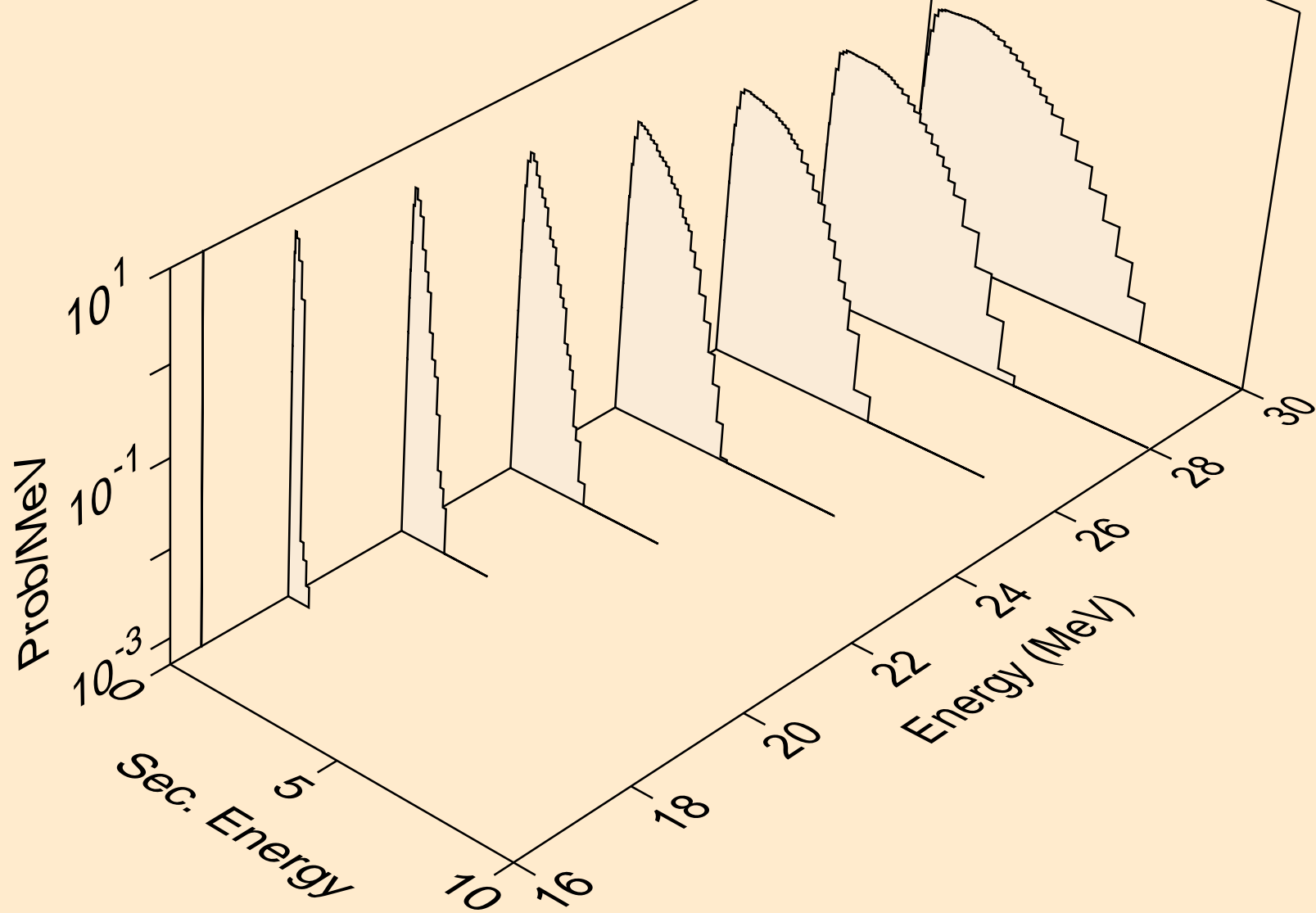
AR038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)a



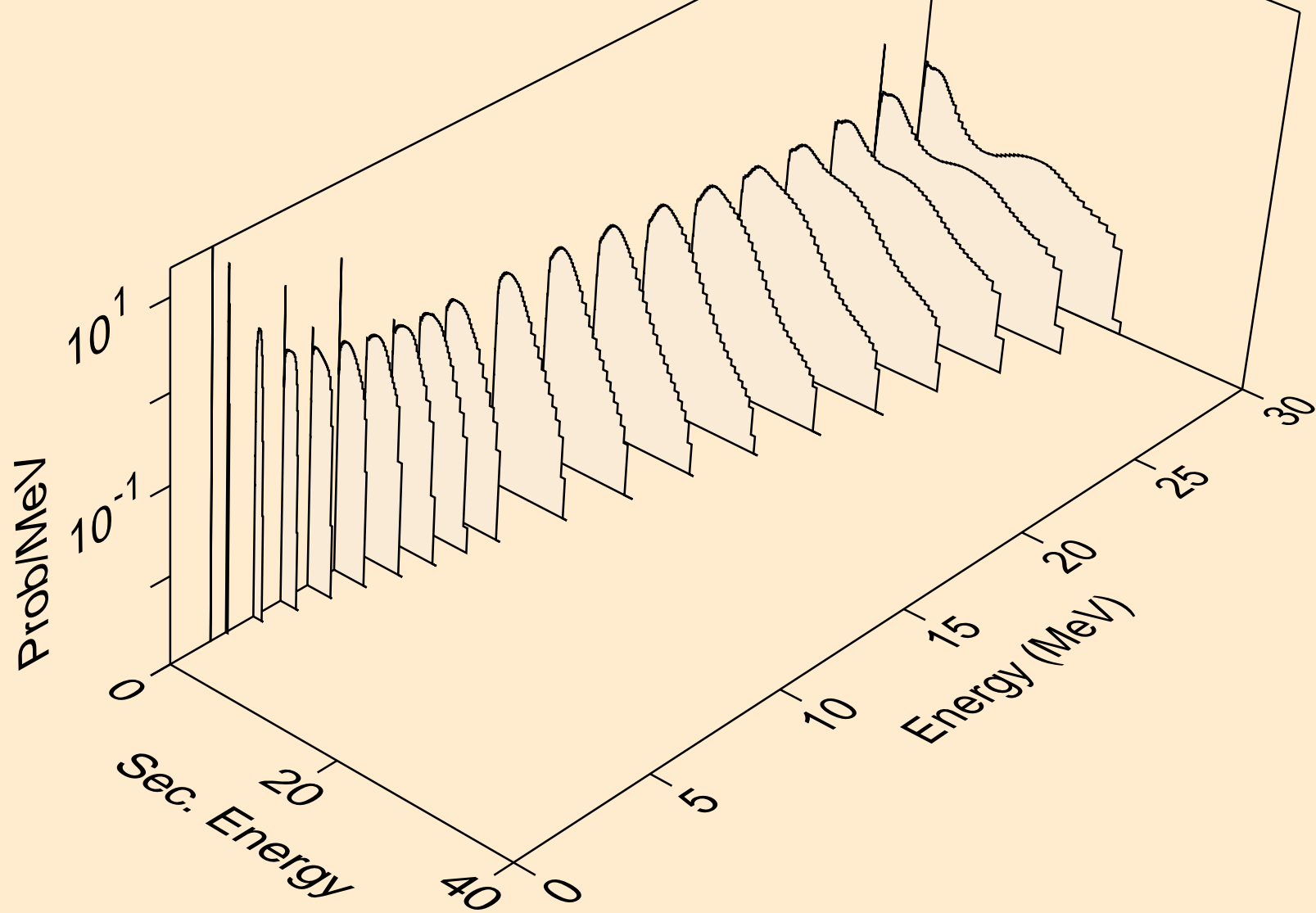
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neutrons from (s,n\*)3a



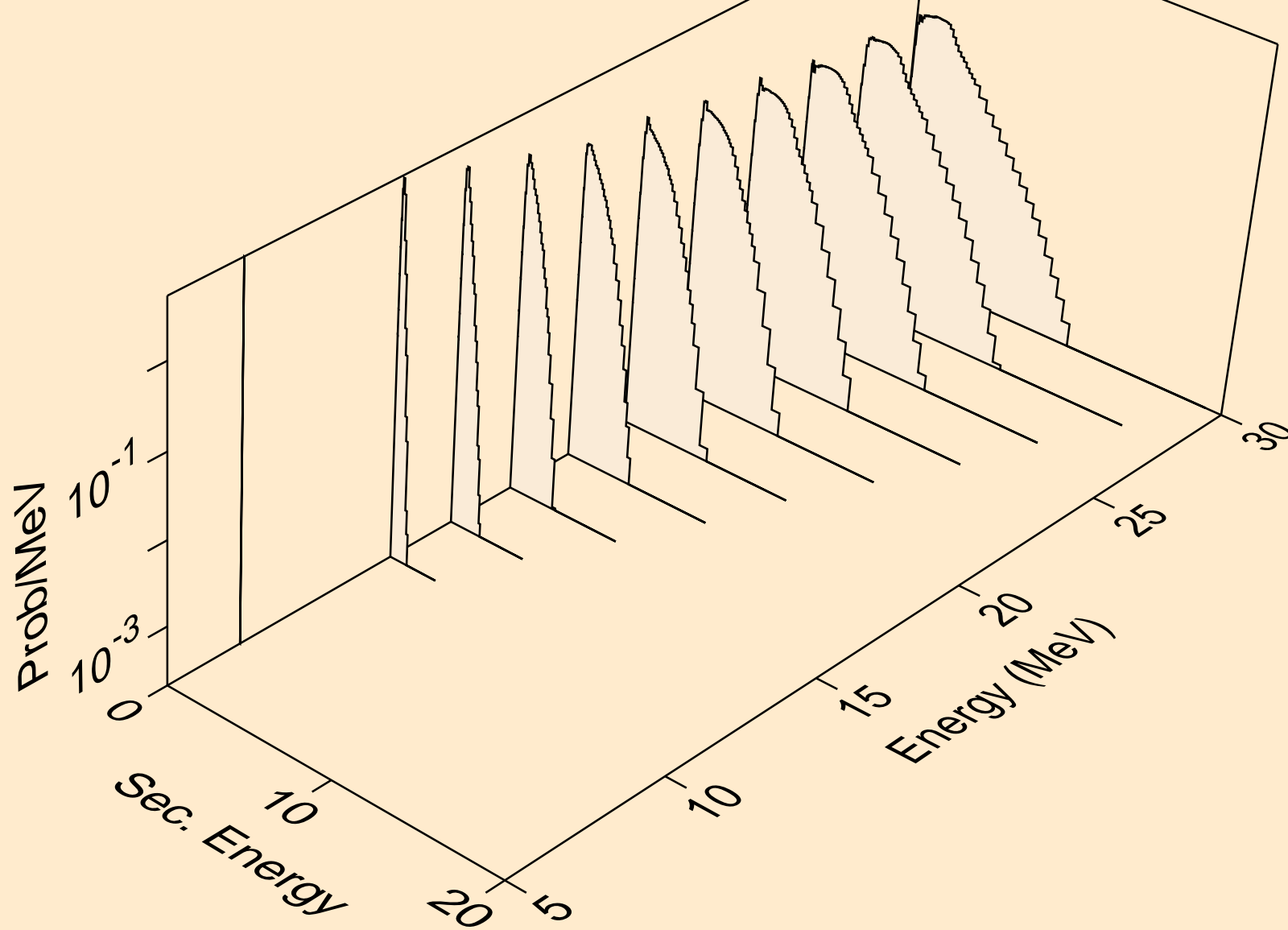
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neutrons from (s,2n)a



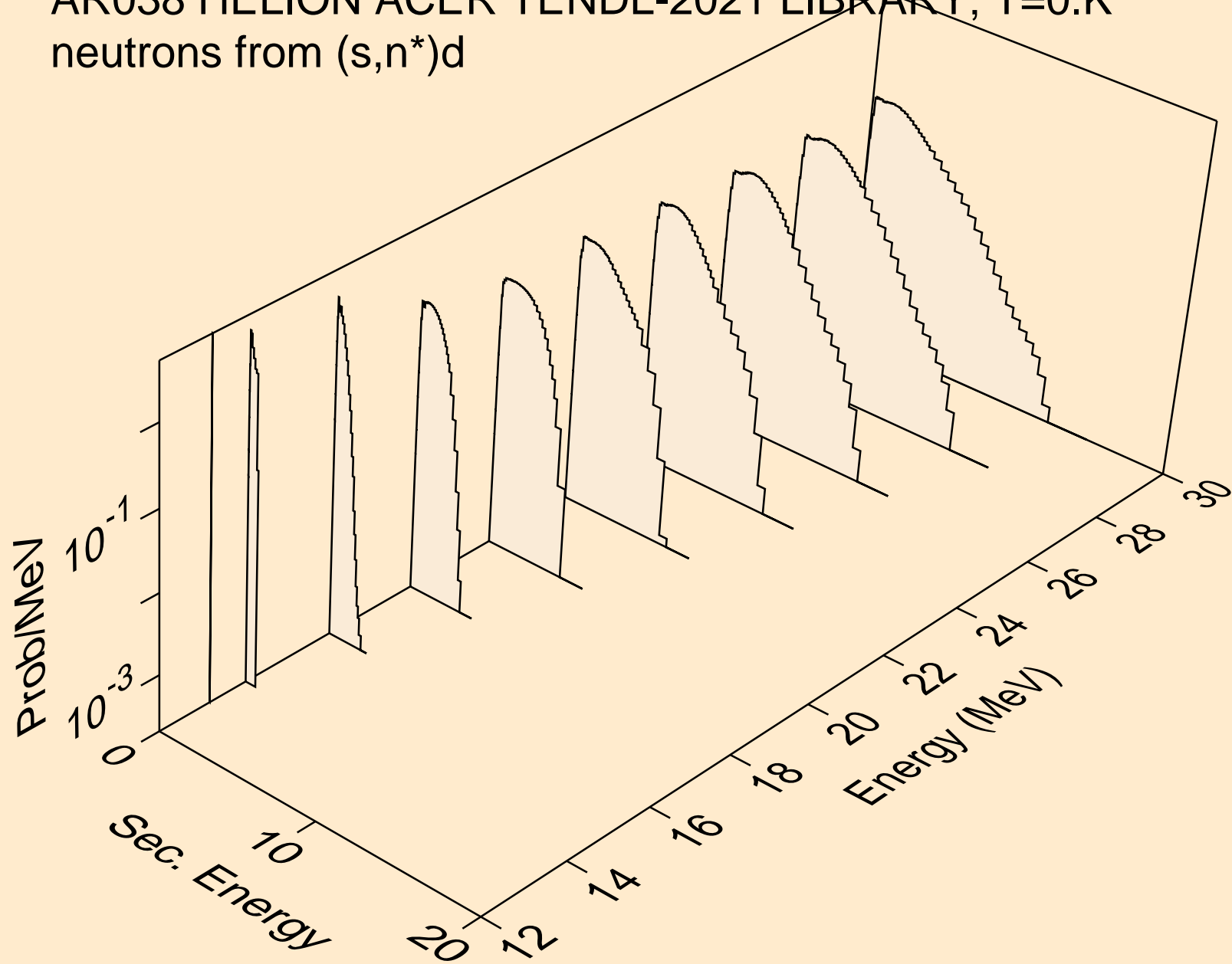
AR038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)p



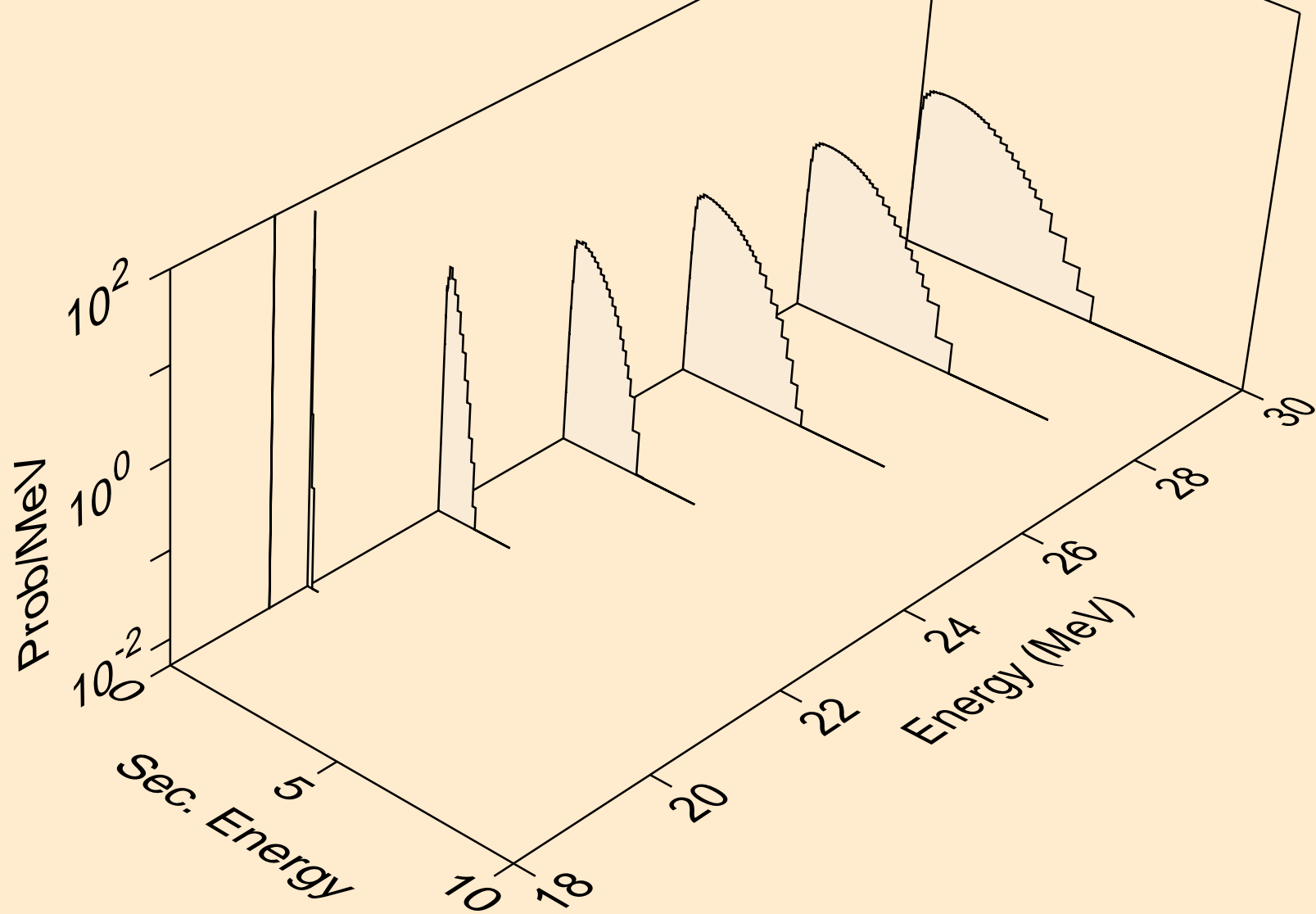
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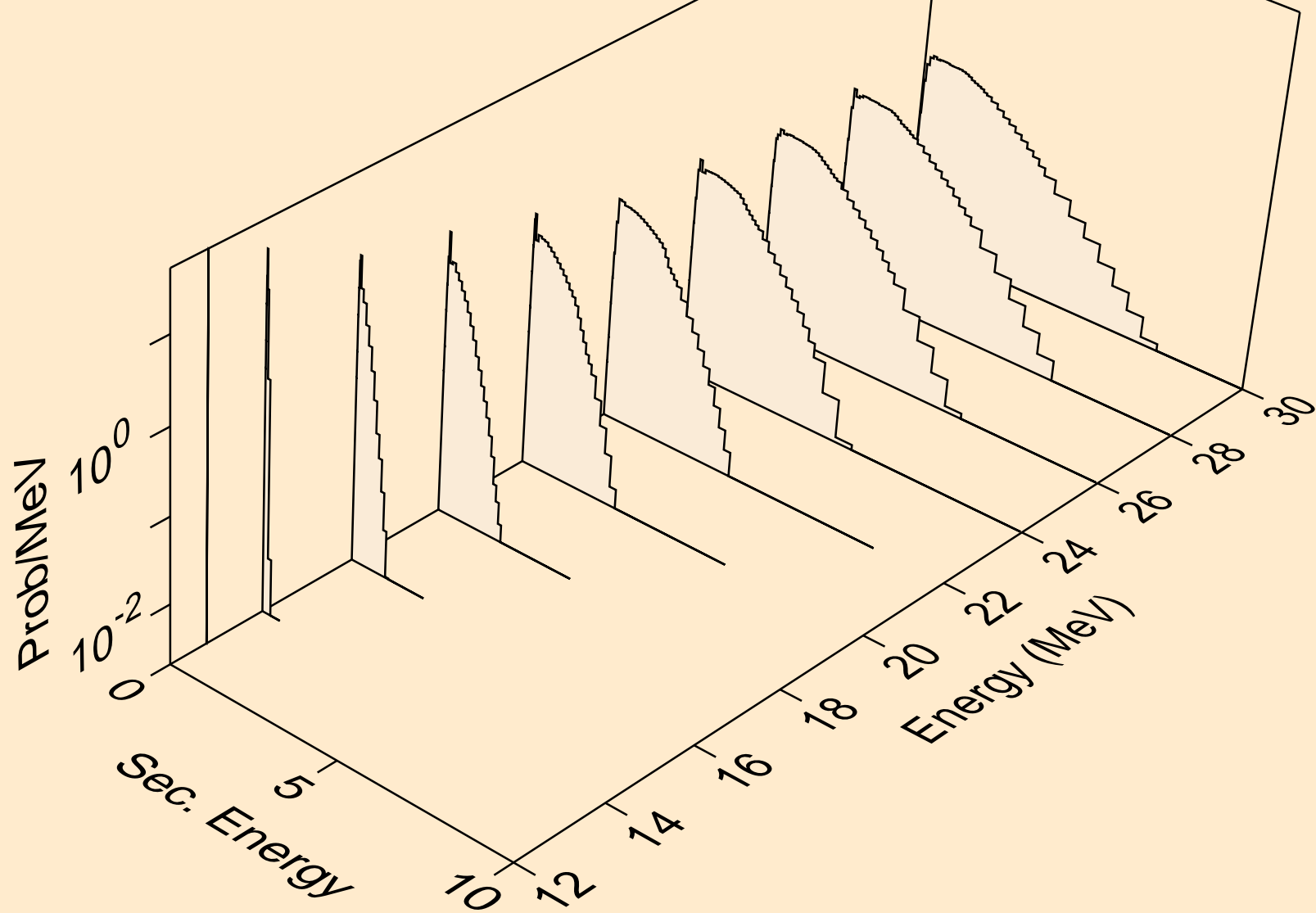
AR038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)d



AR038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)t

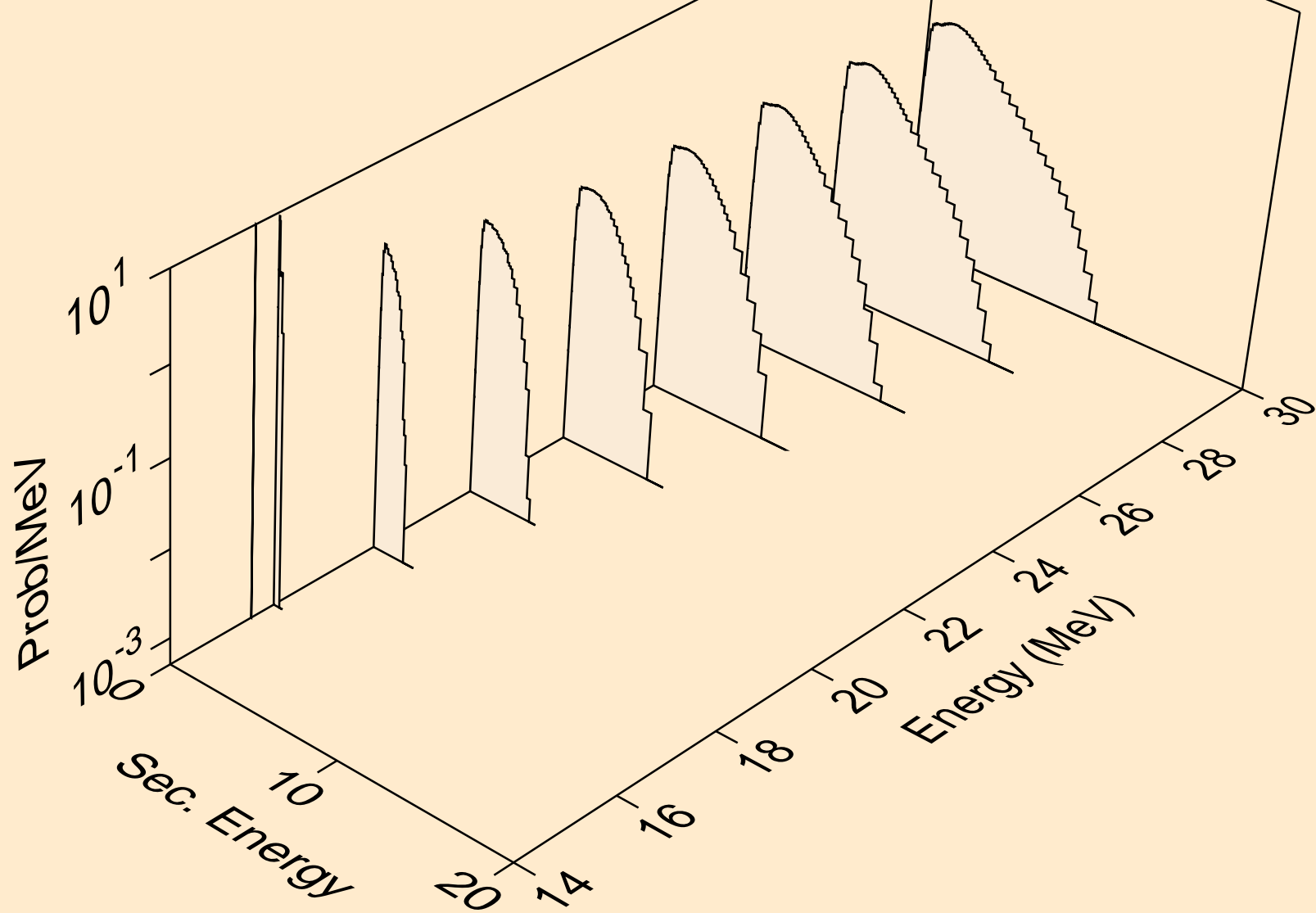


AR038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)he3

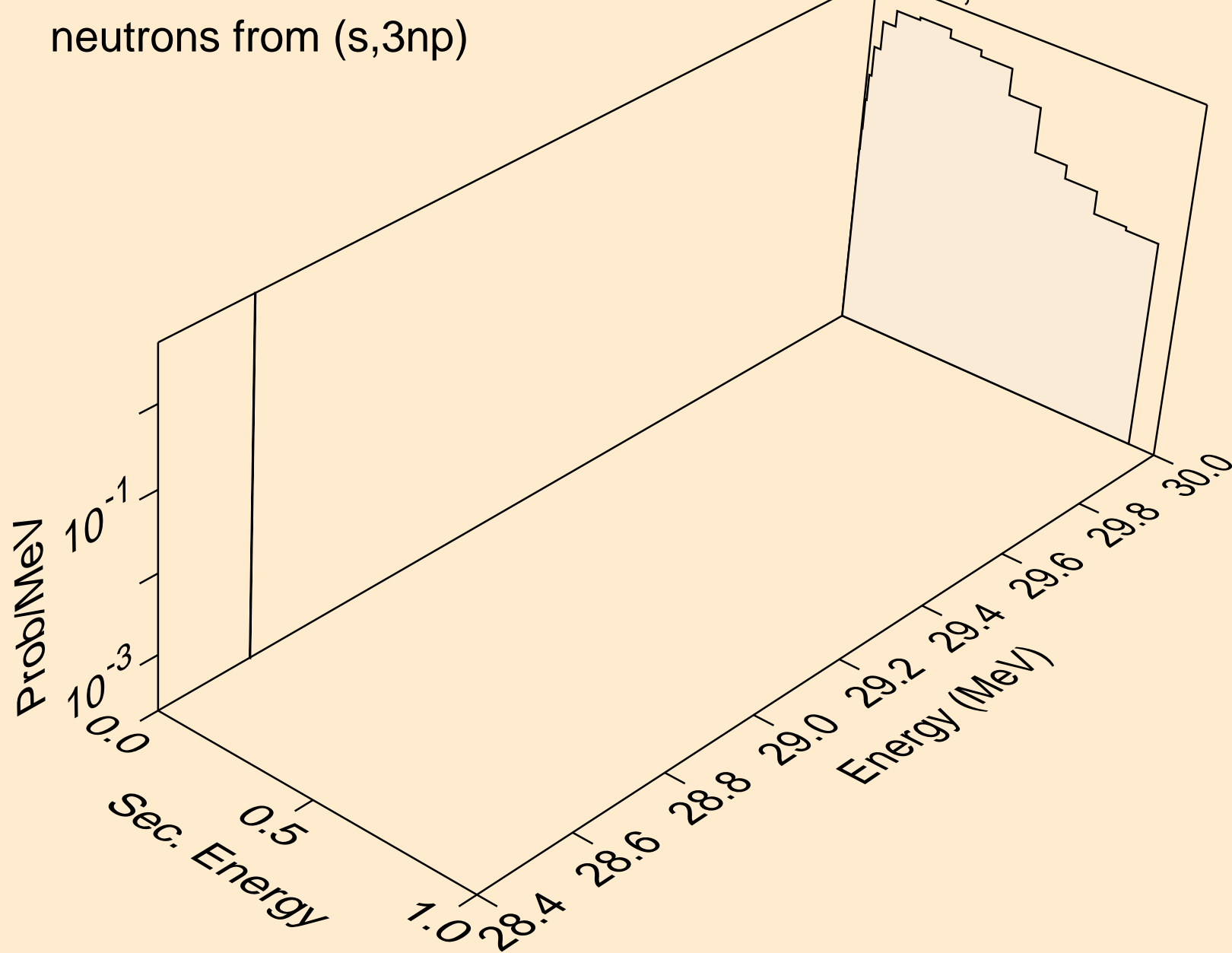




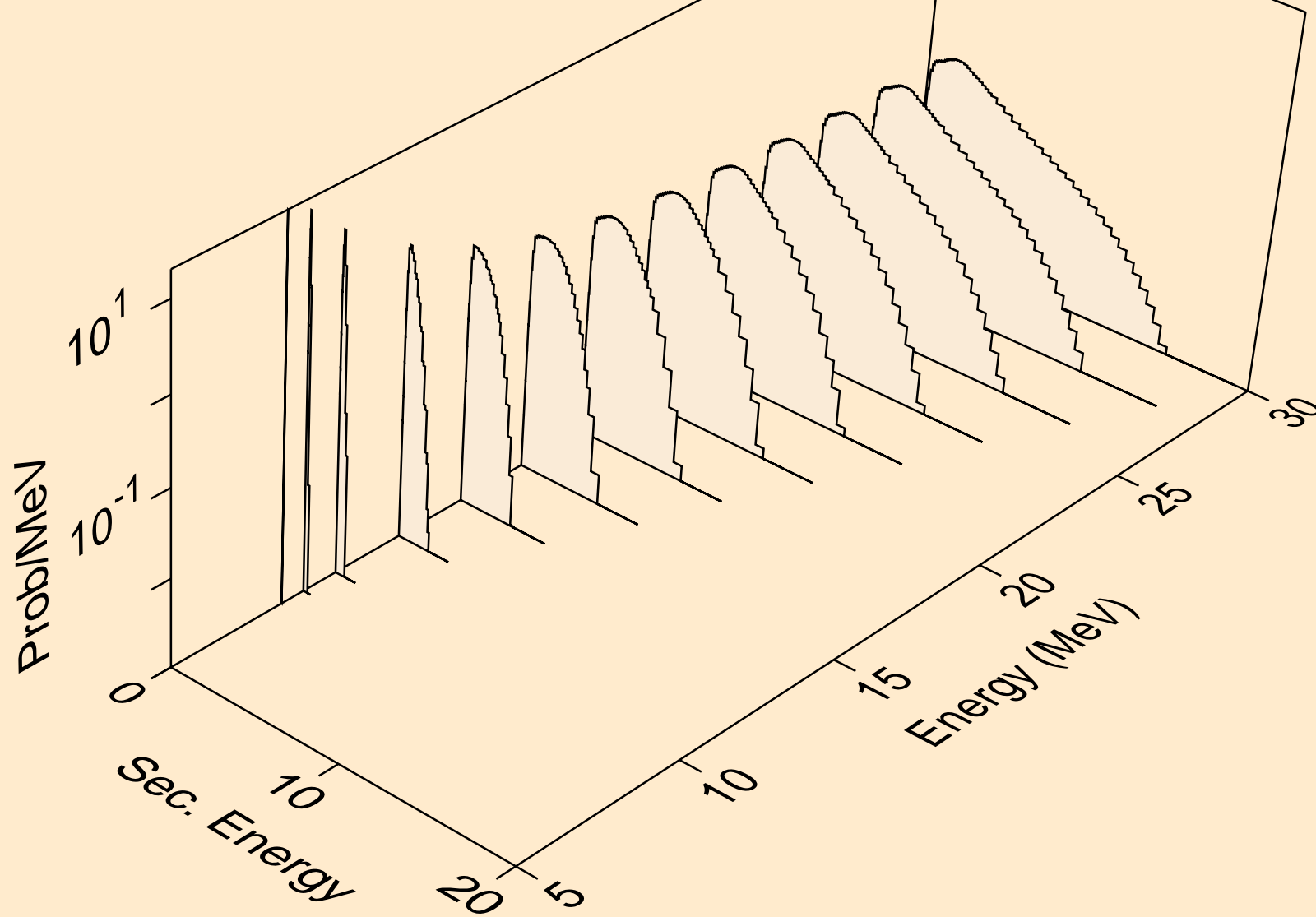
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neutrons from (s,2np)



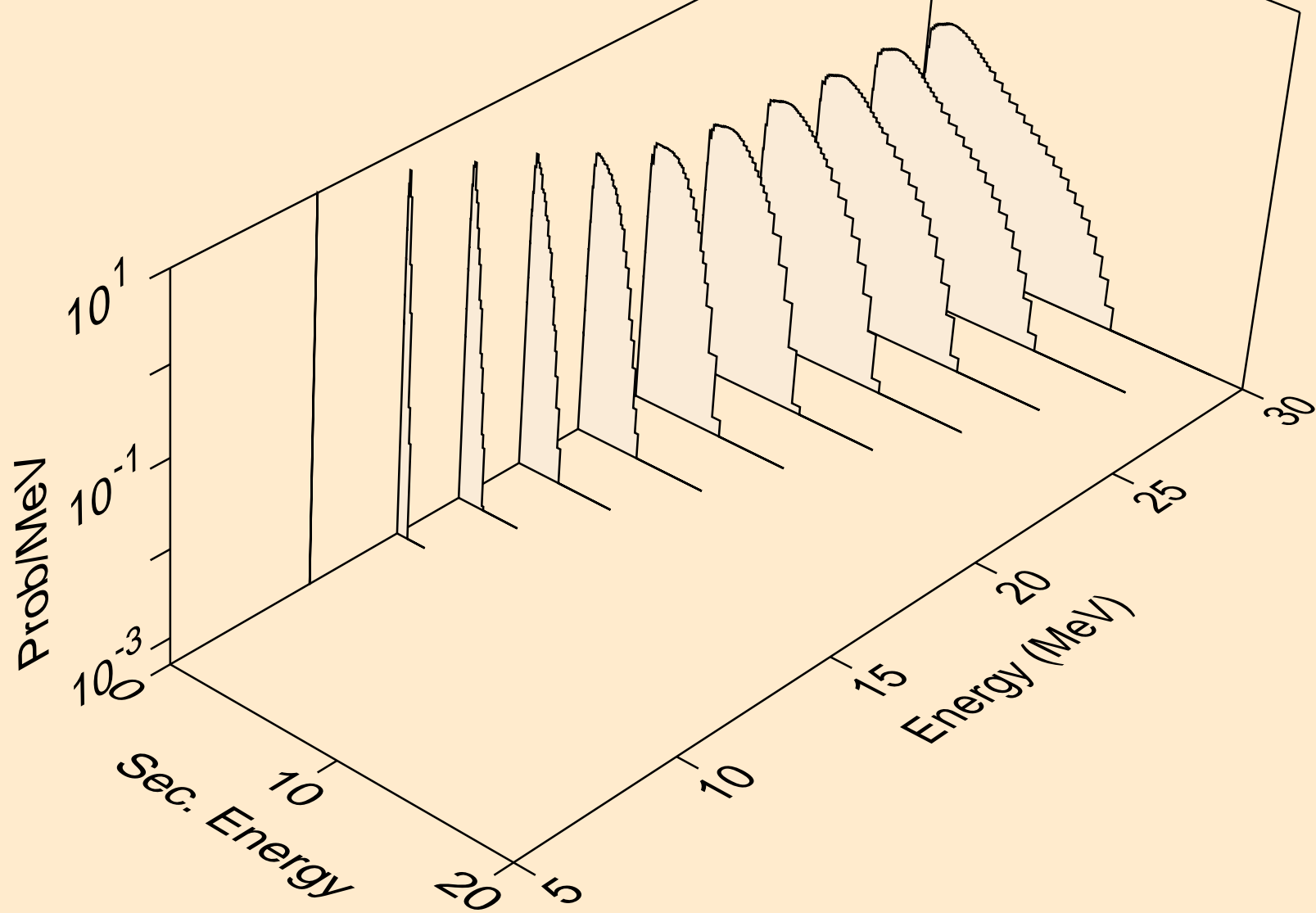
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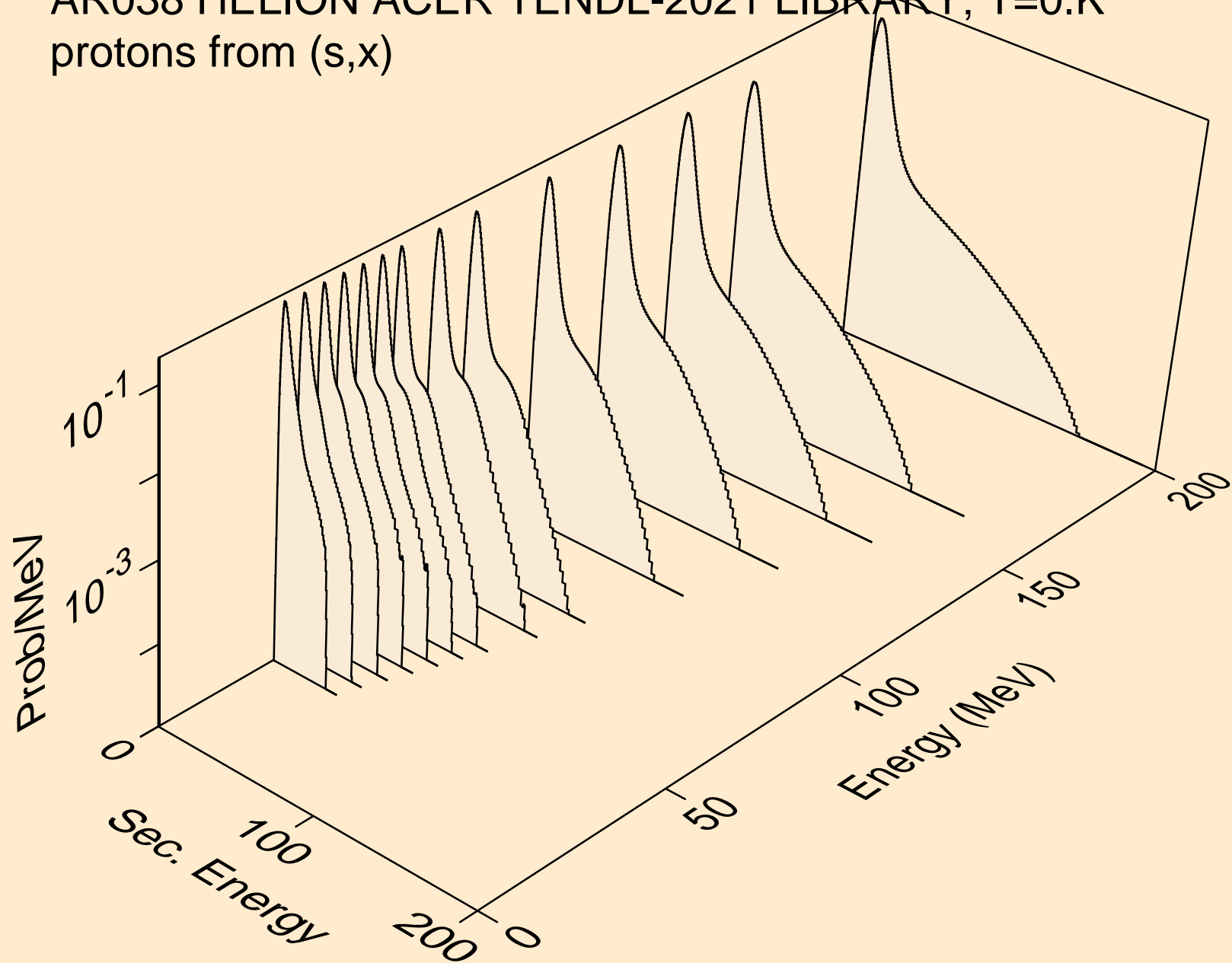
AR038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2np)



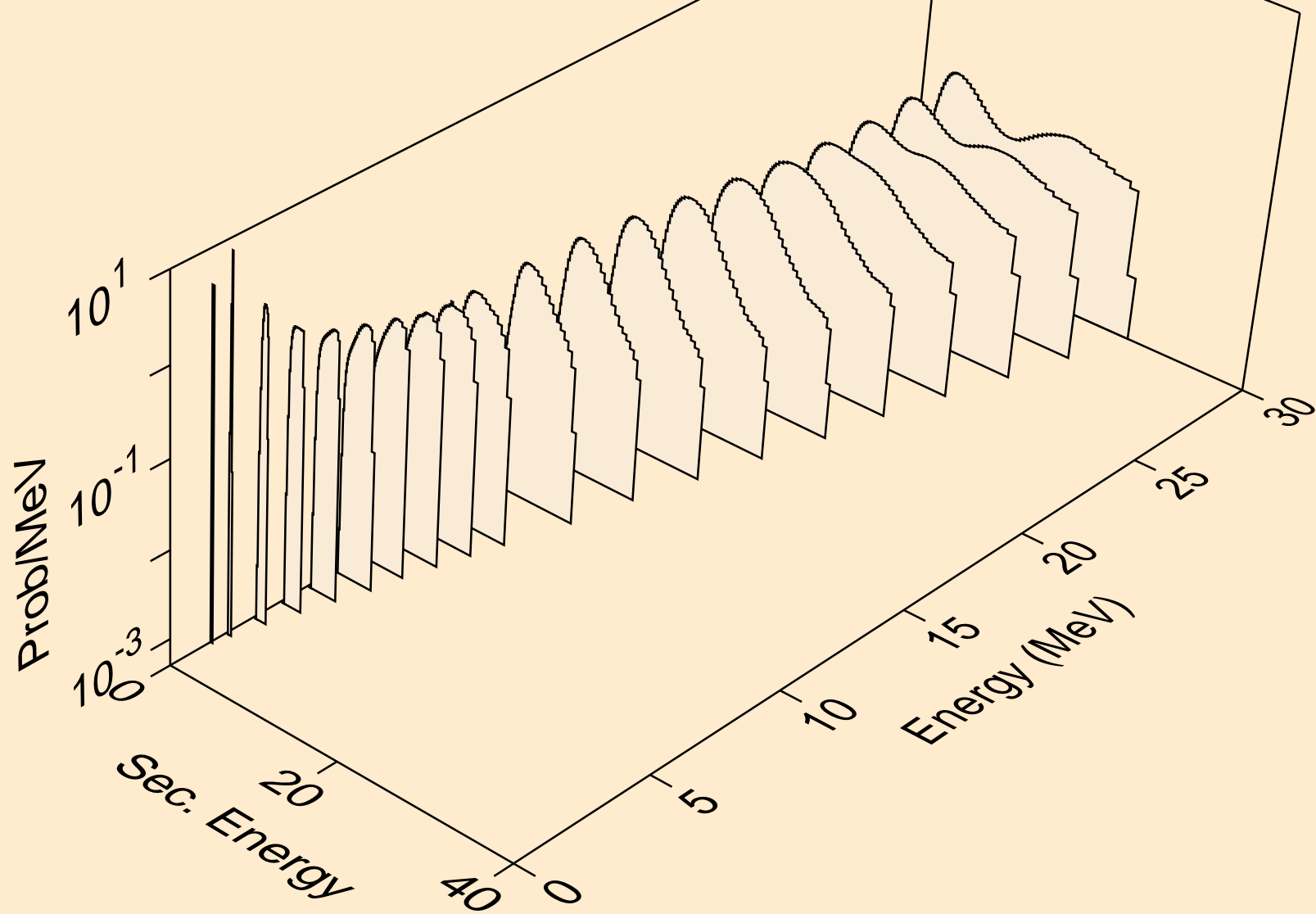
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neutrons from (s,npa)



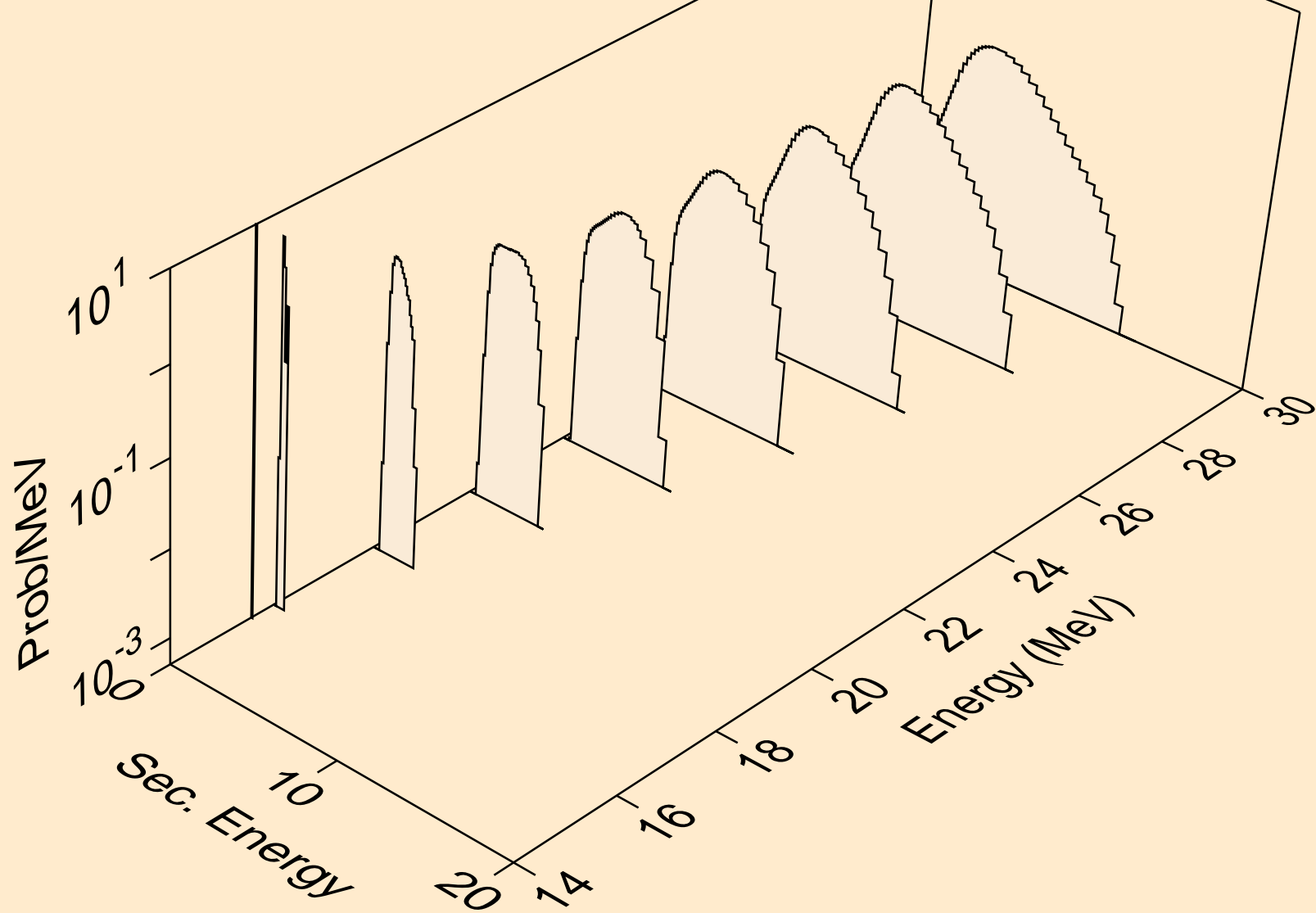
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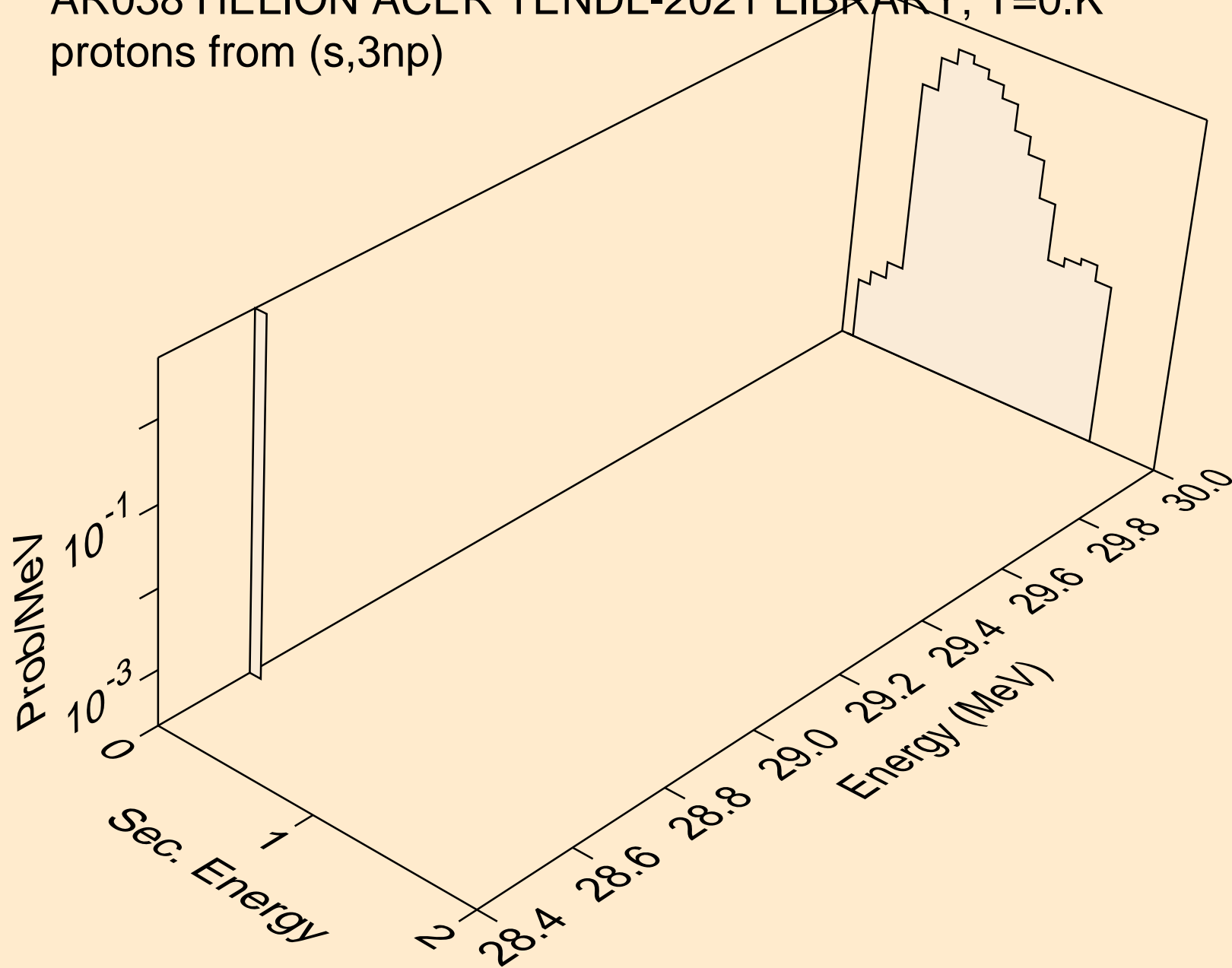
AR038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,n\*)p



AR038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2np)

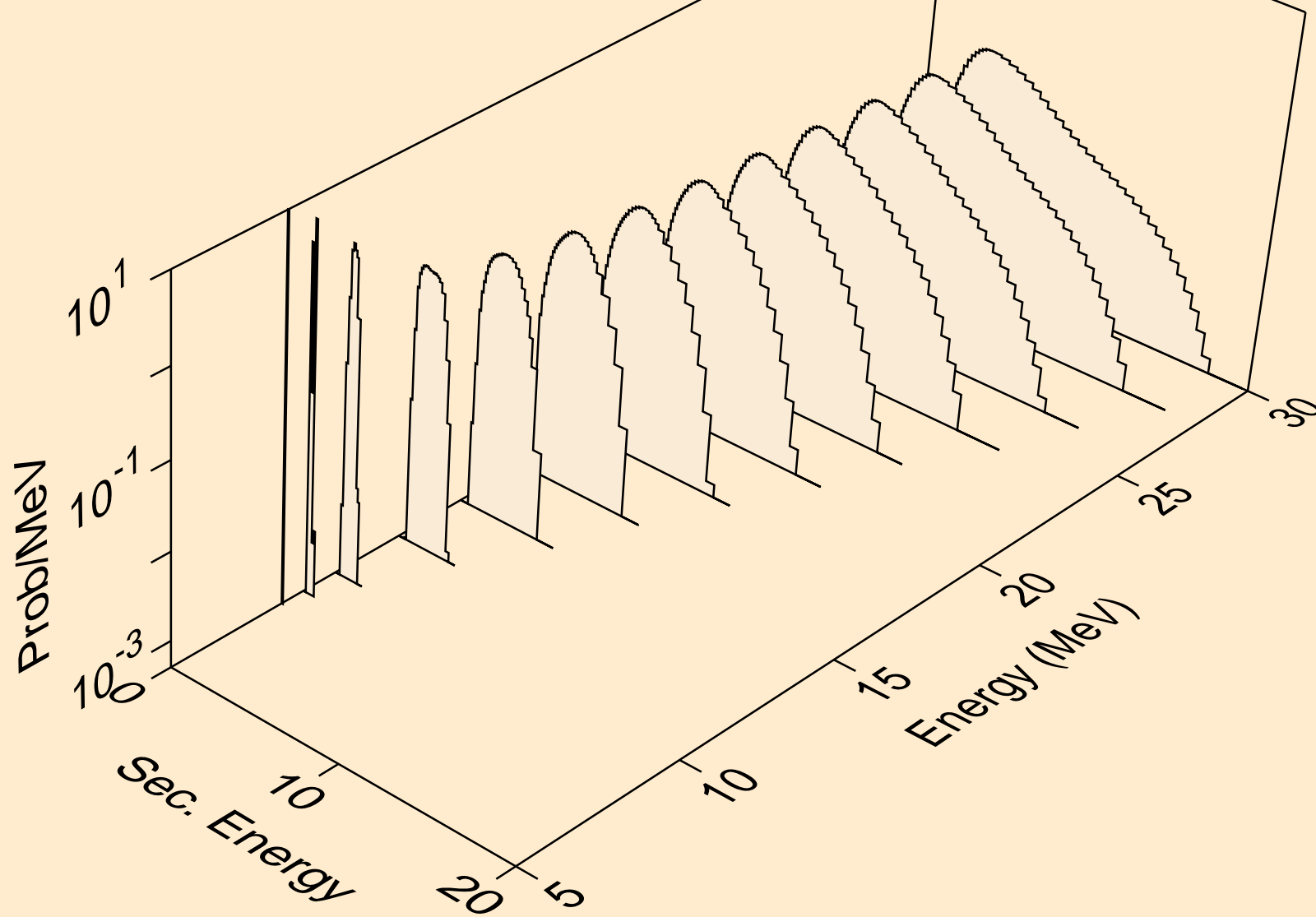


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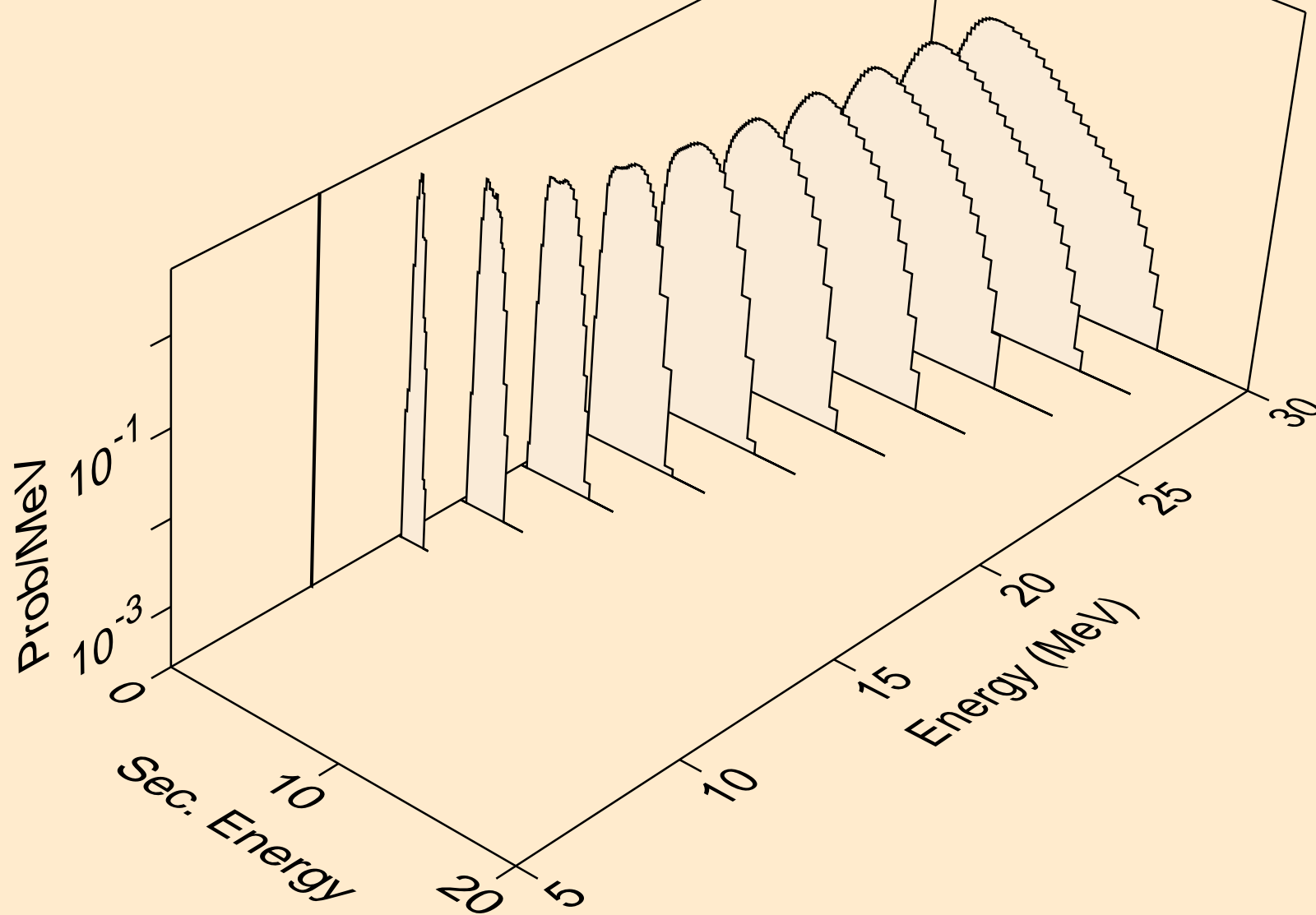




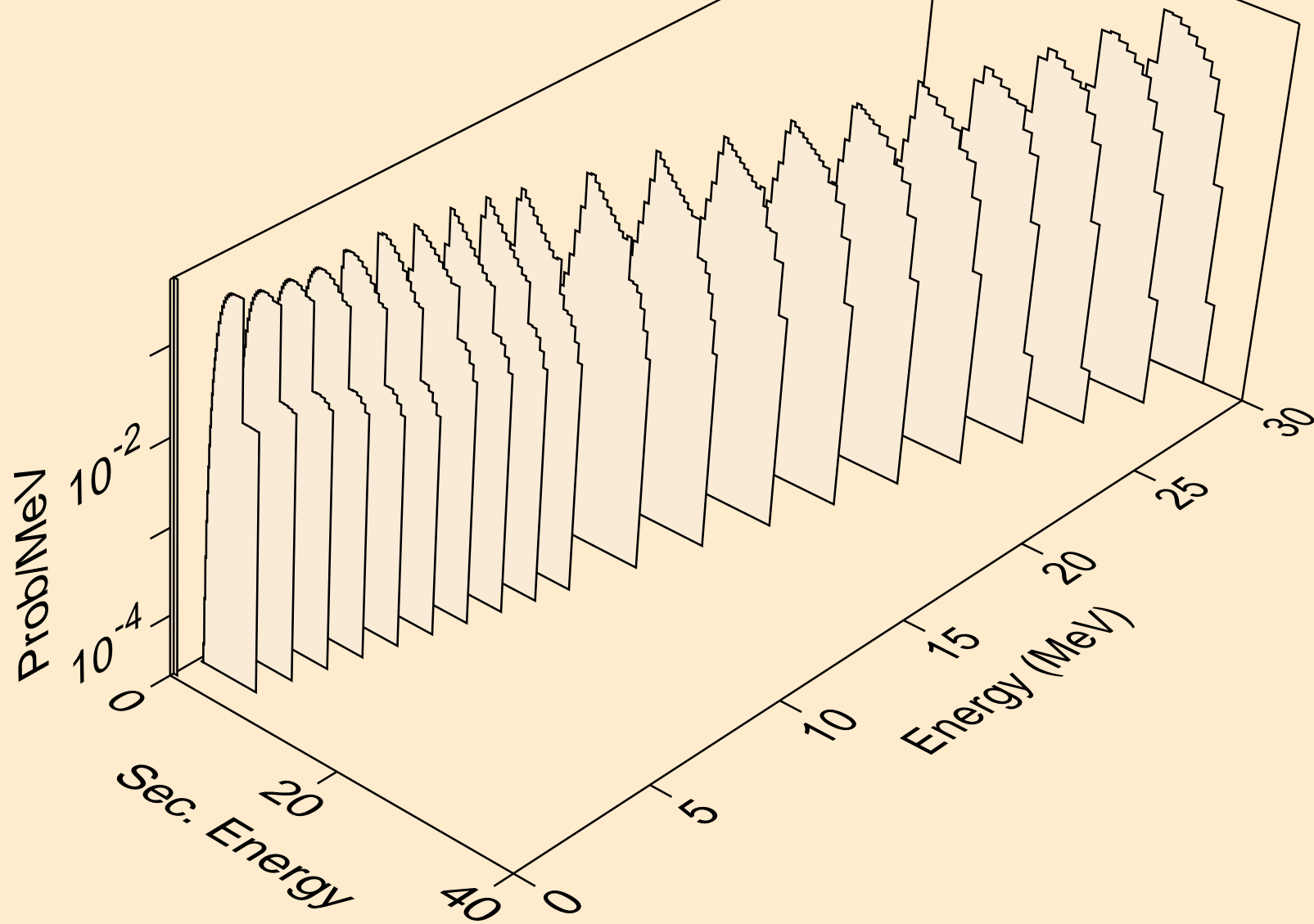
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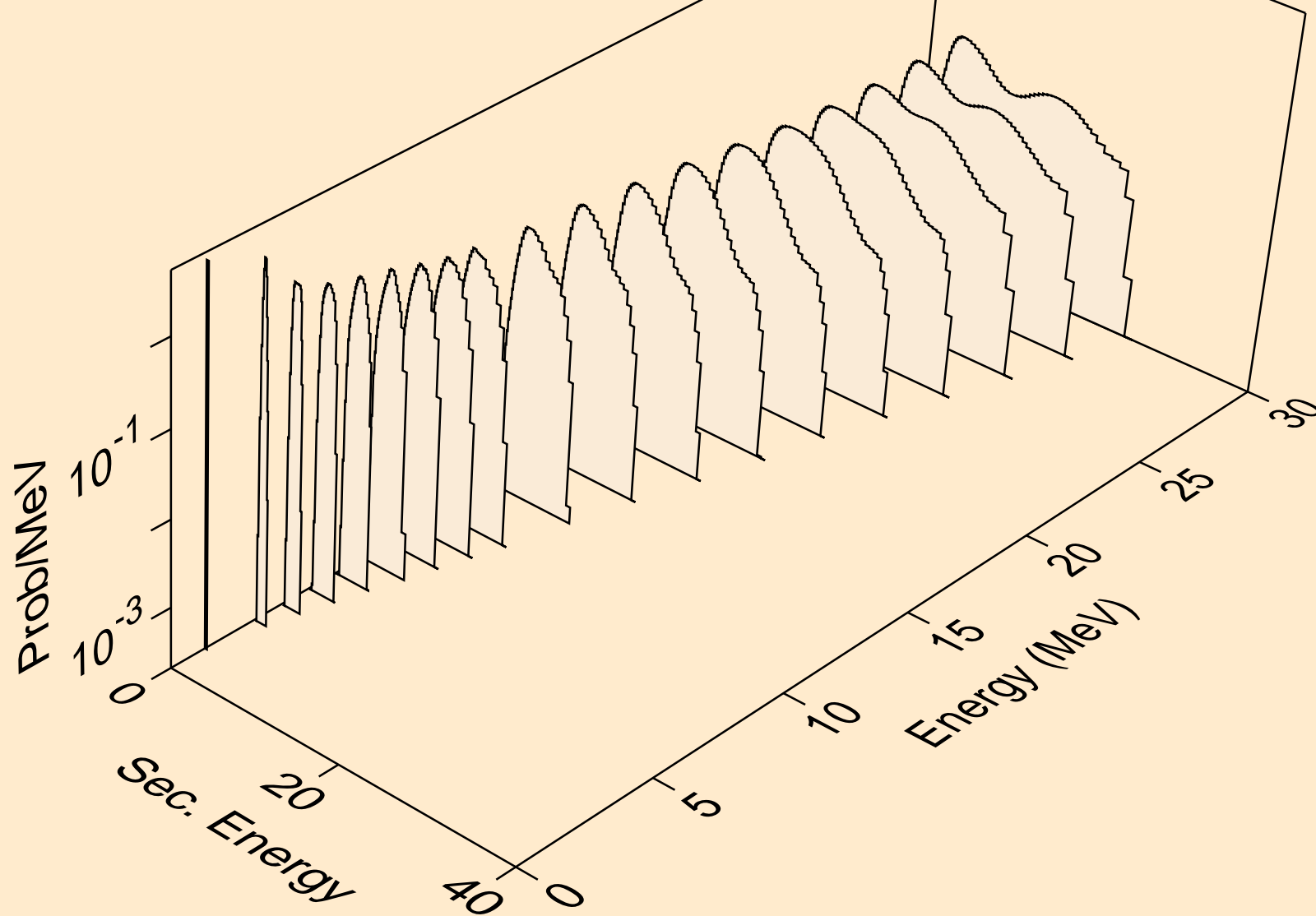
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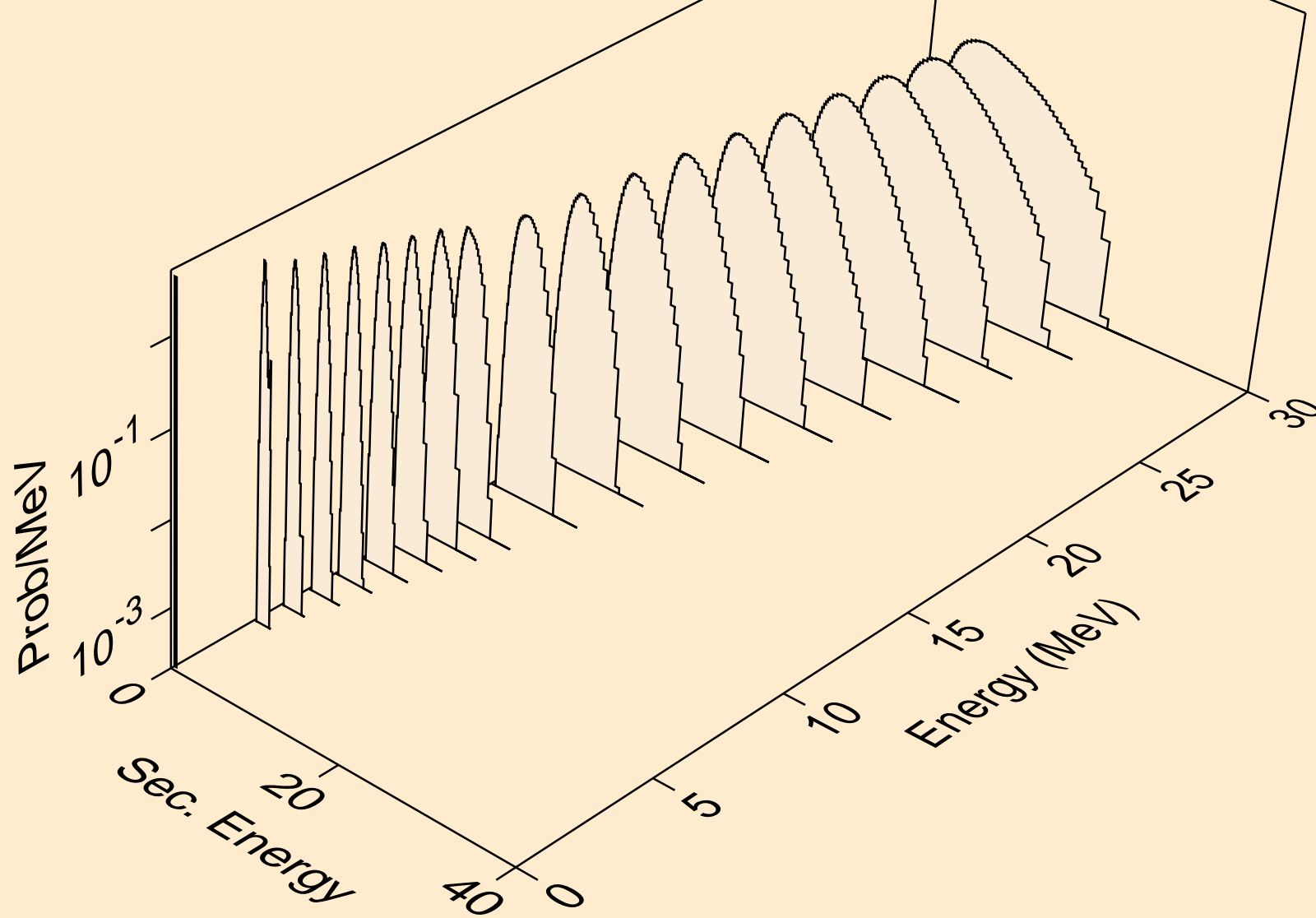
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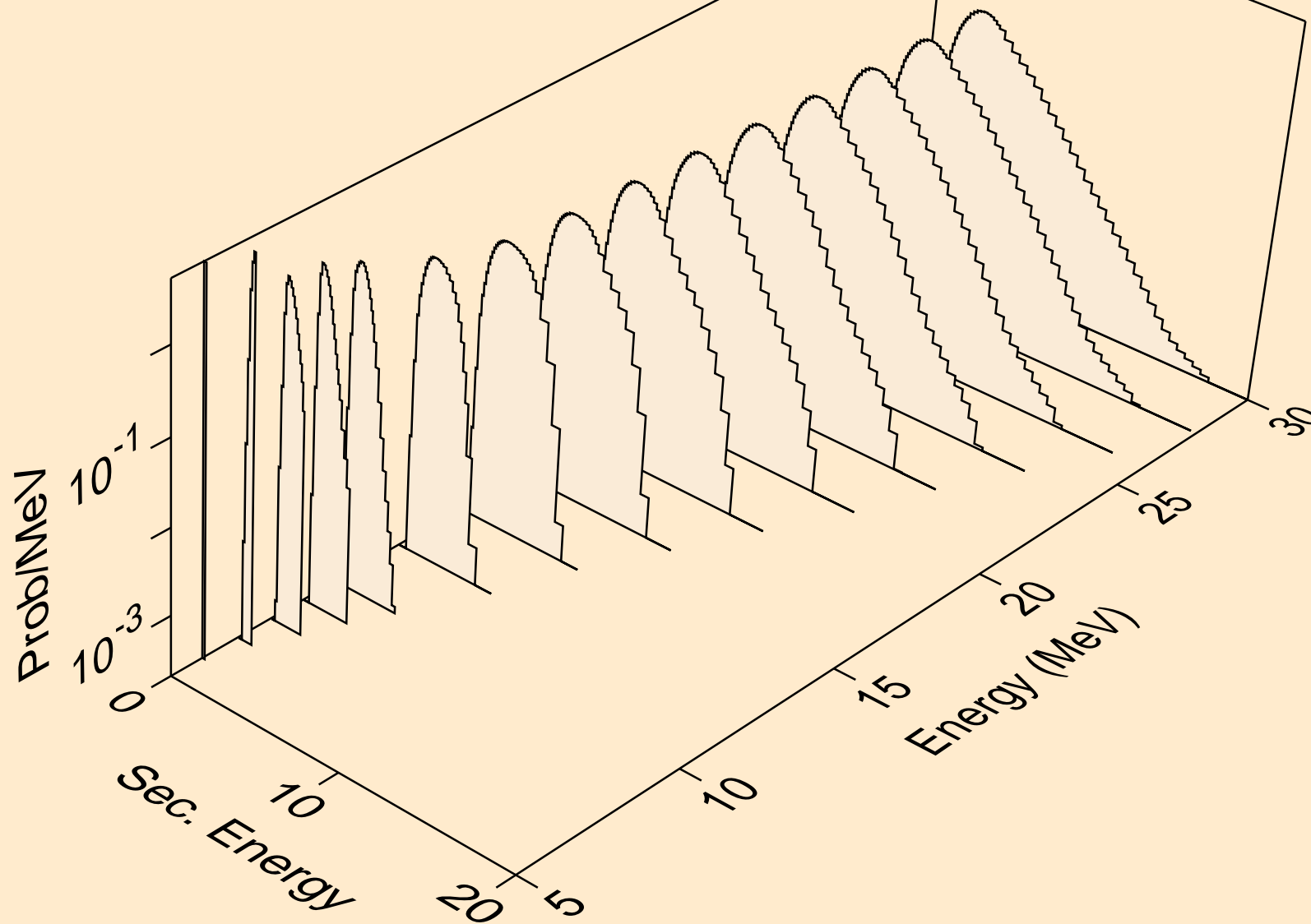
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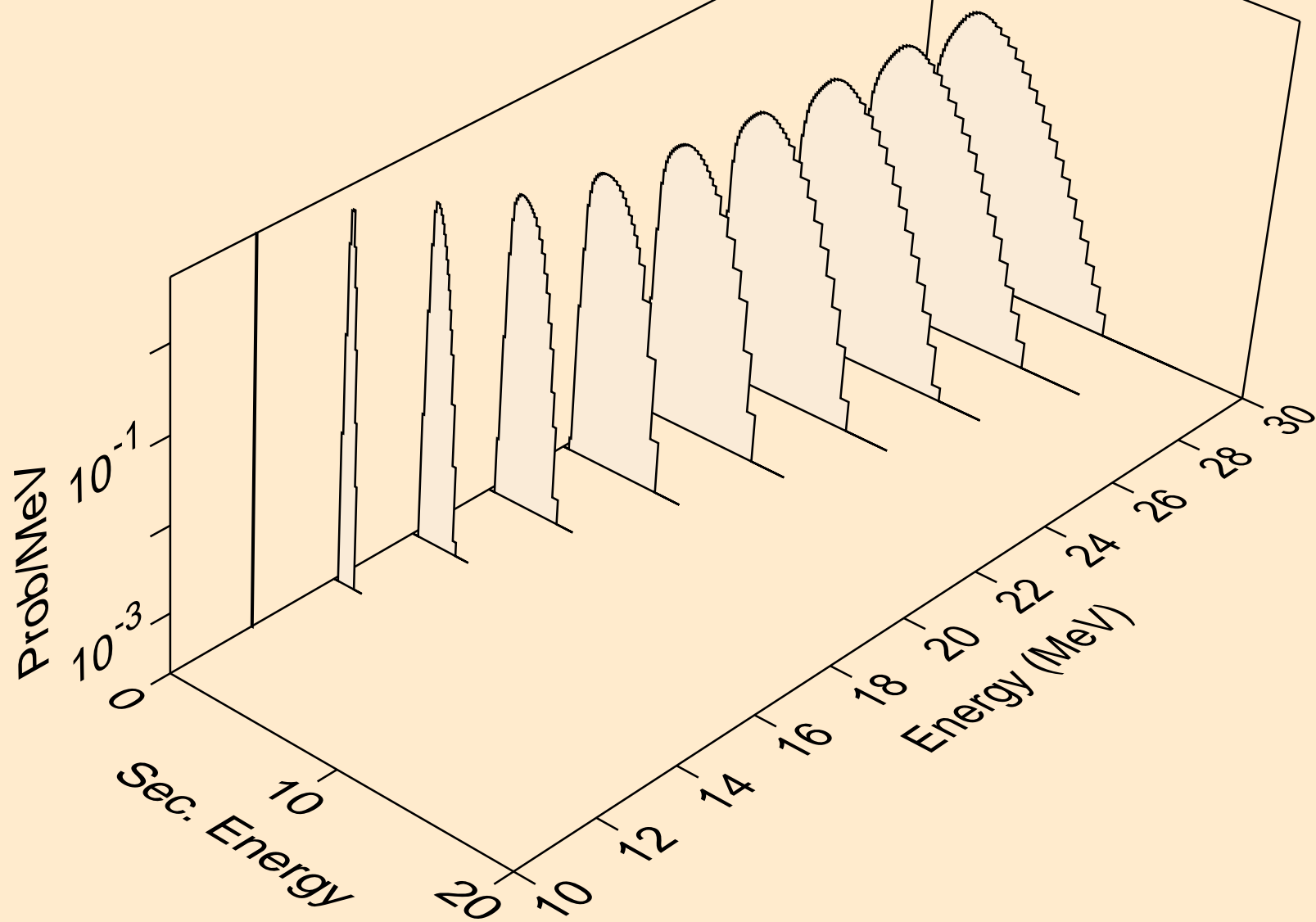
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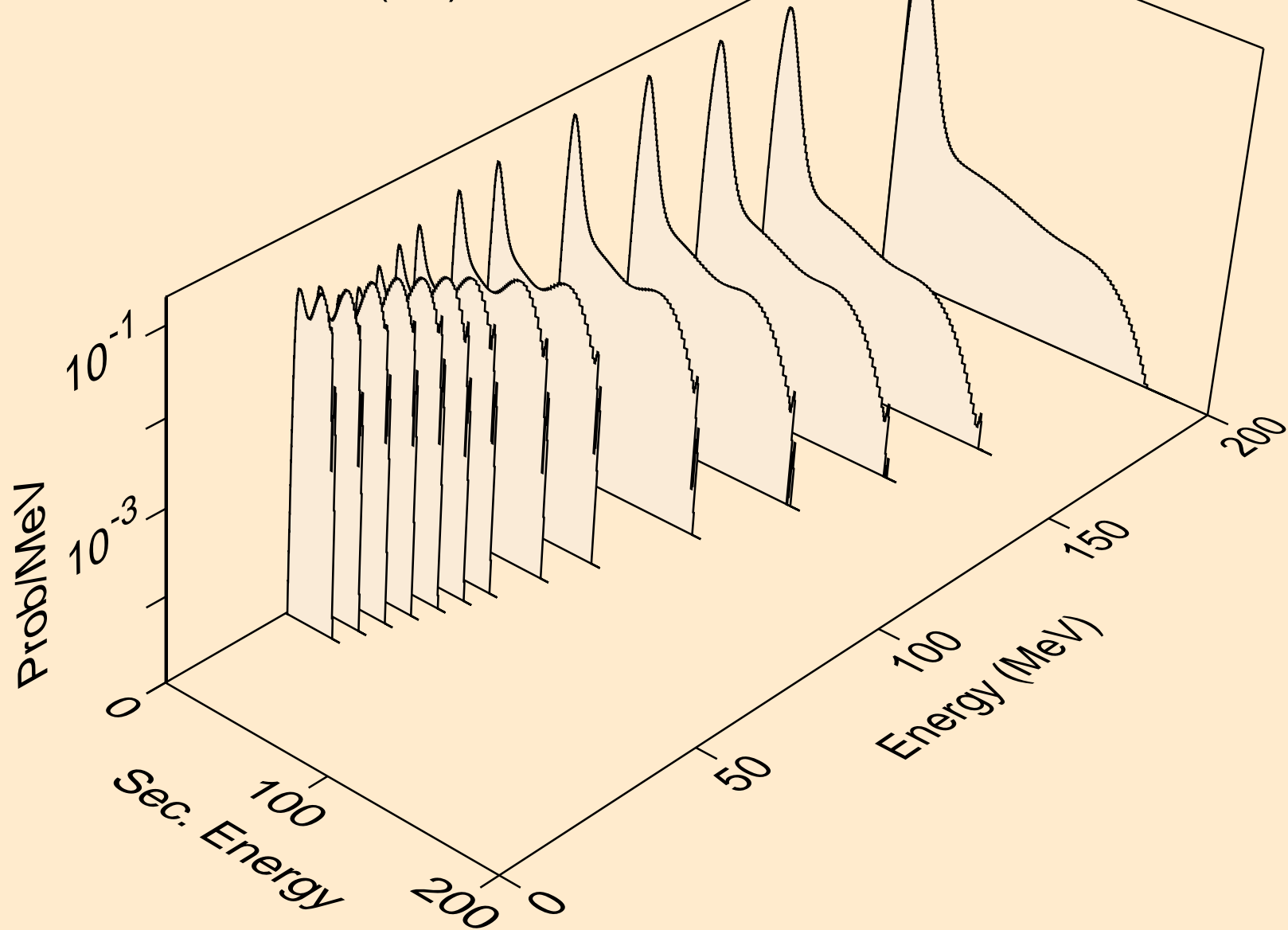
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protons from (s,pd)



AR038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pt)

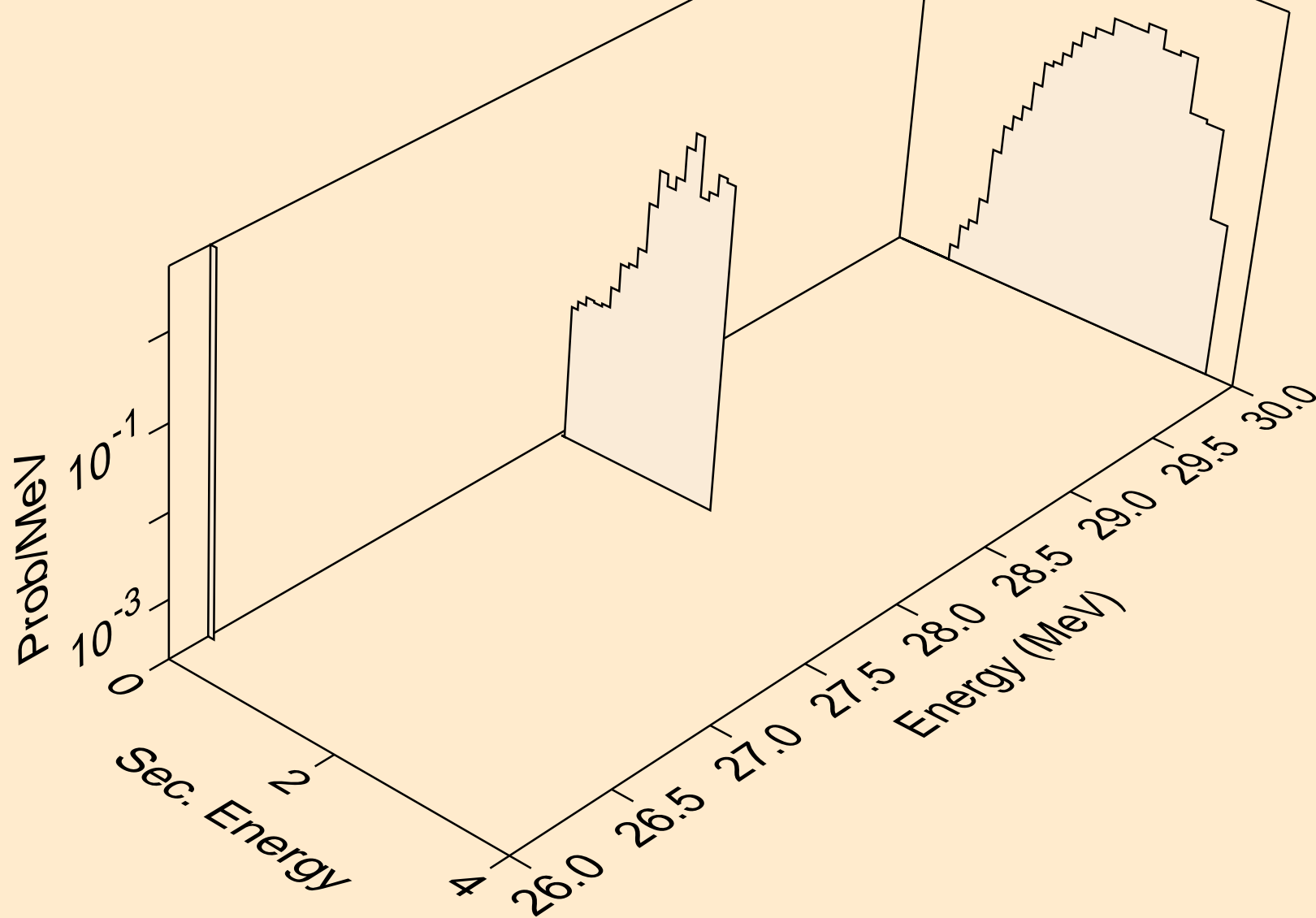


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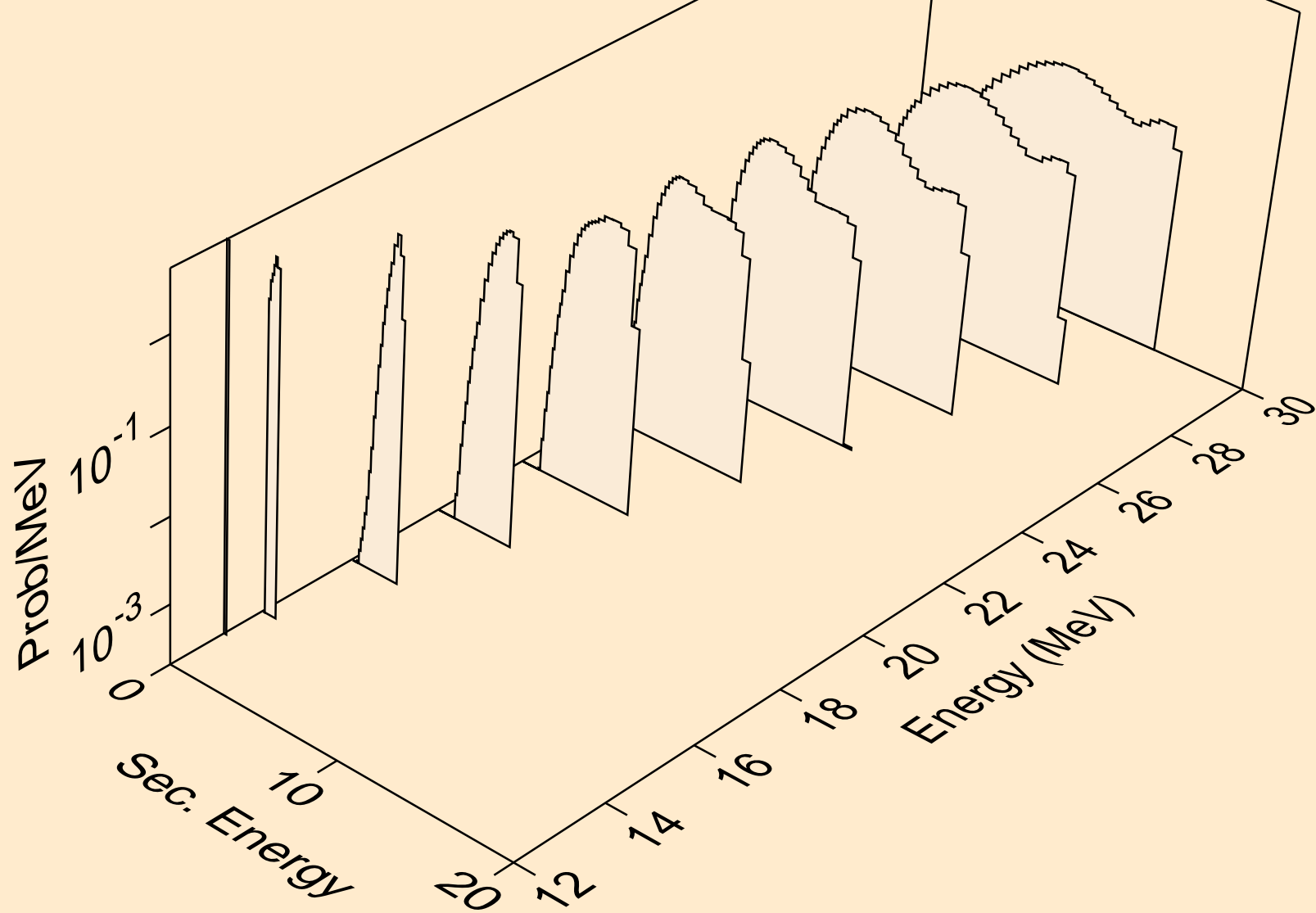




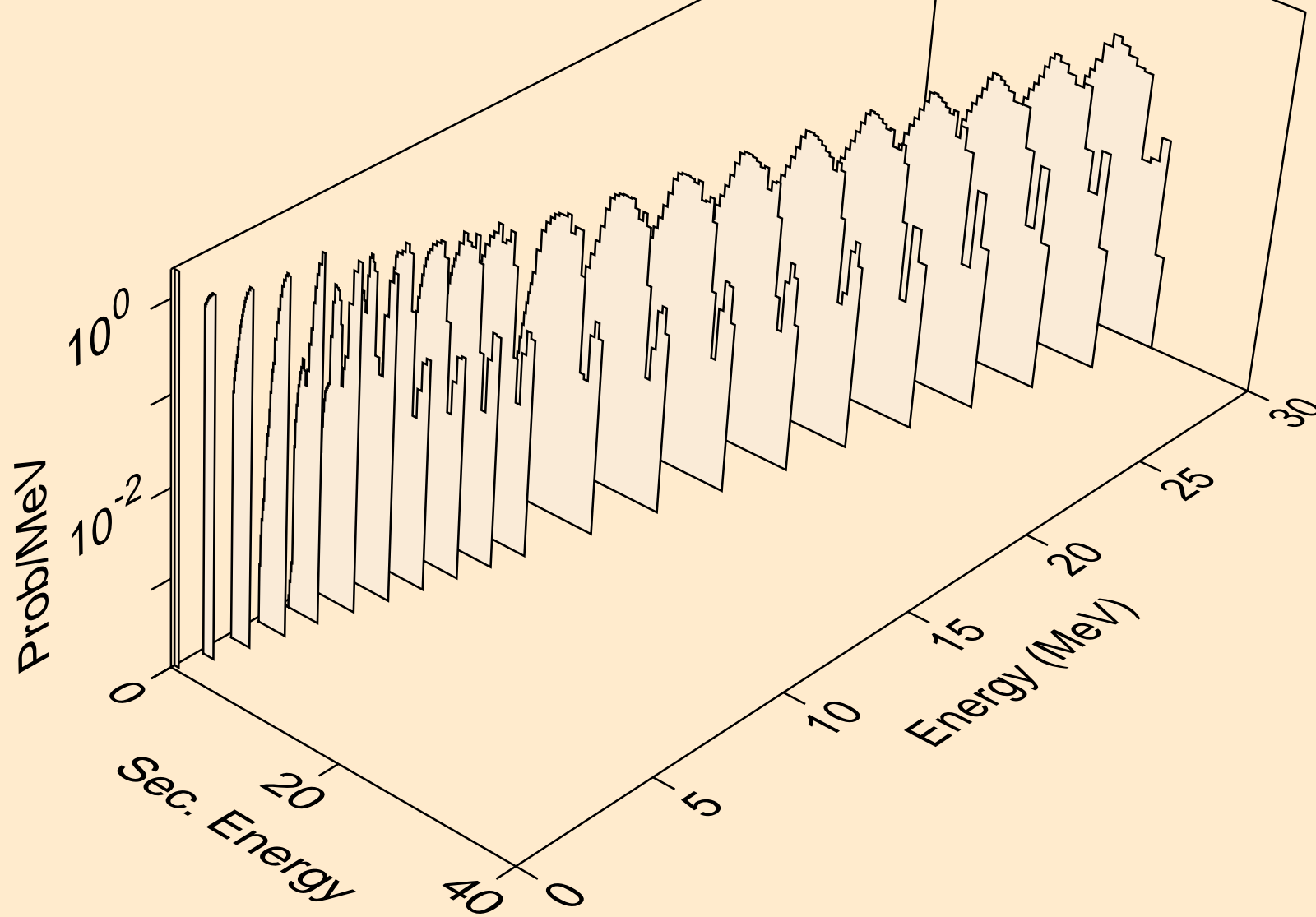
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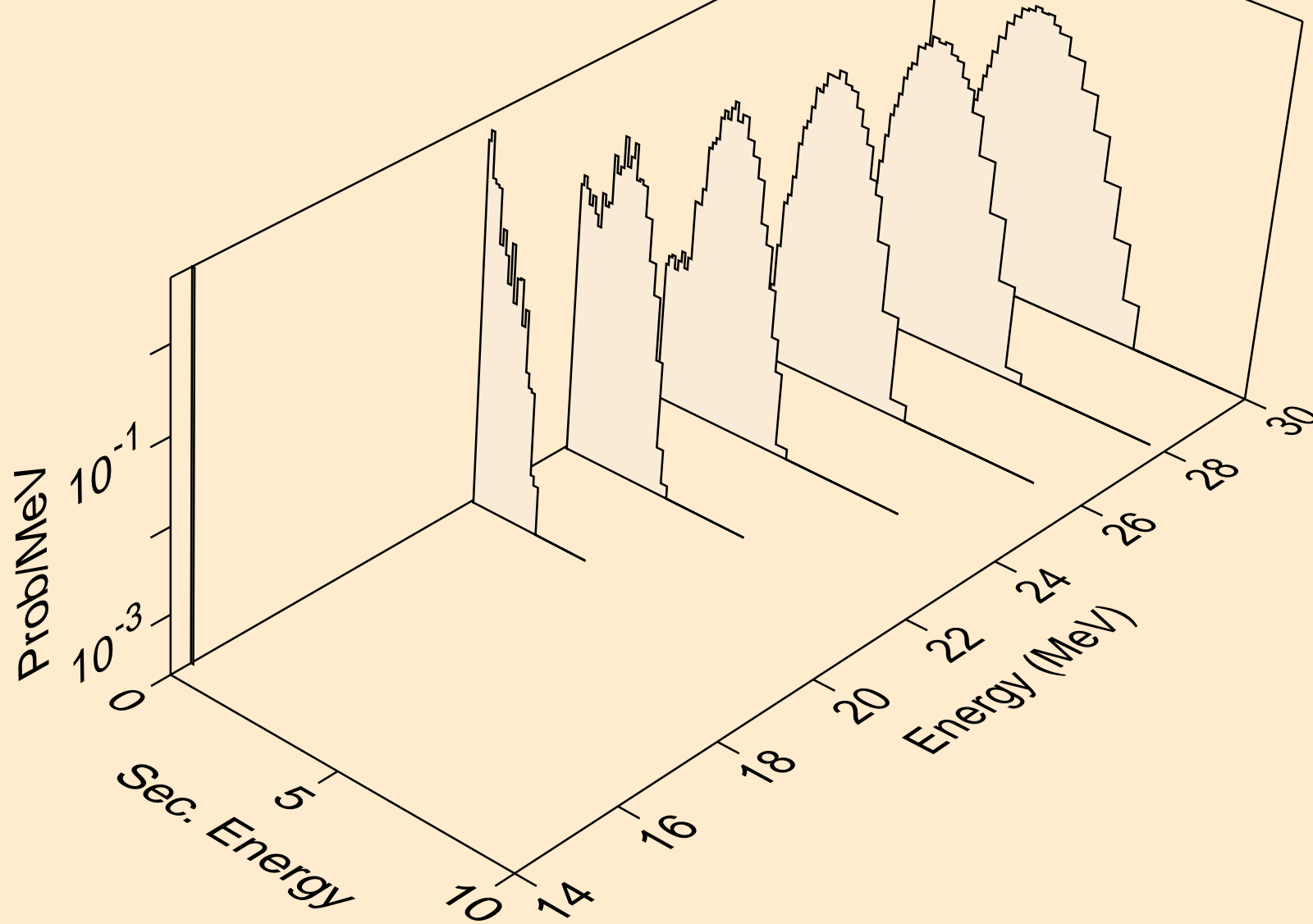
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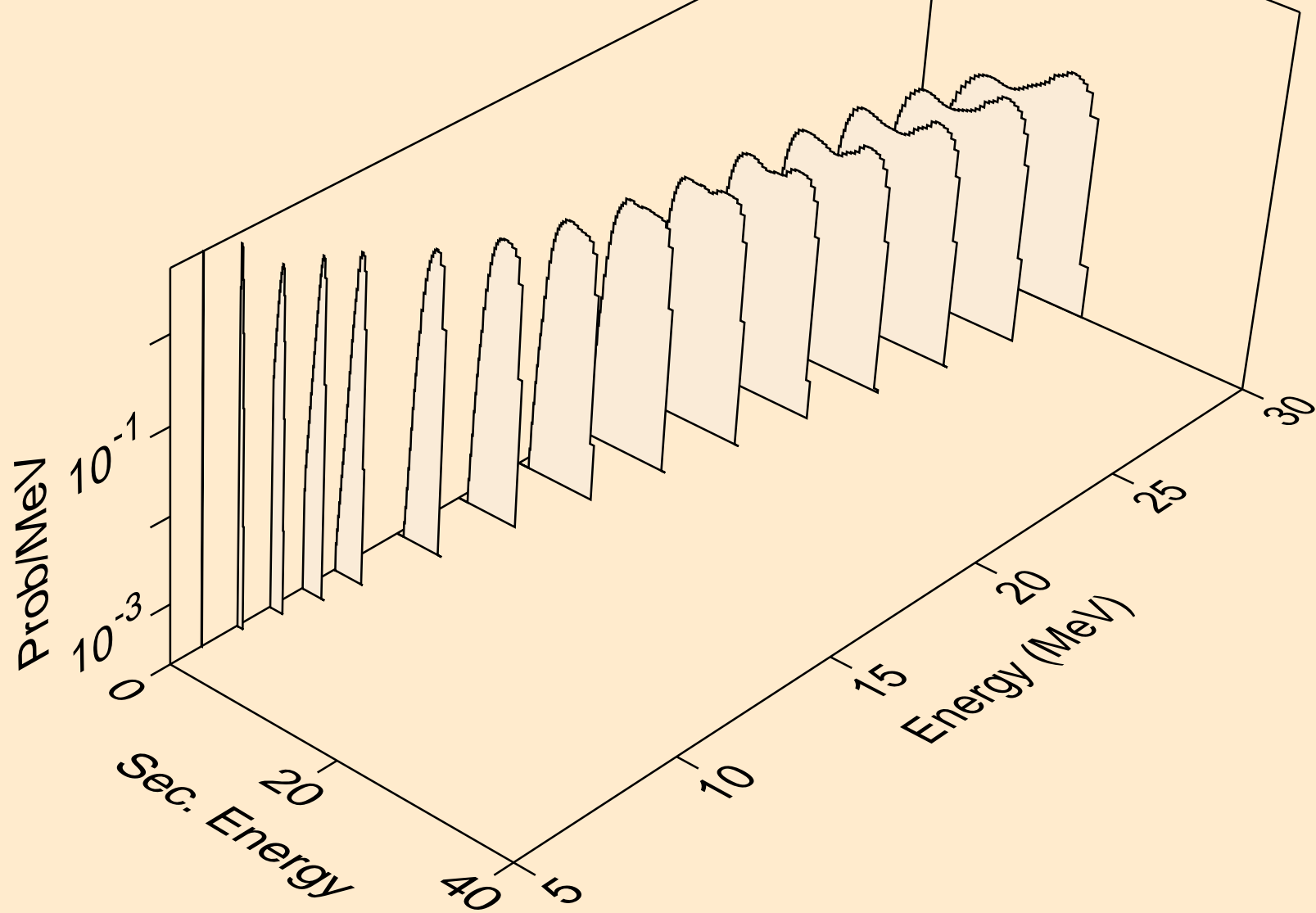
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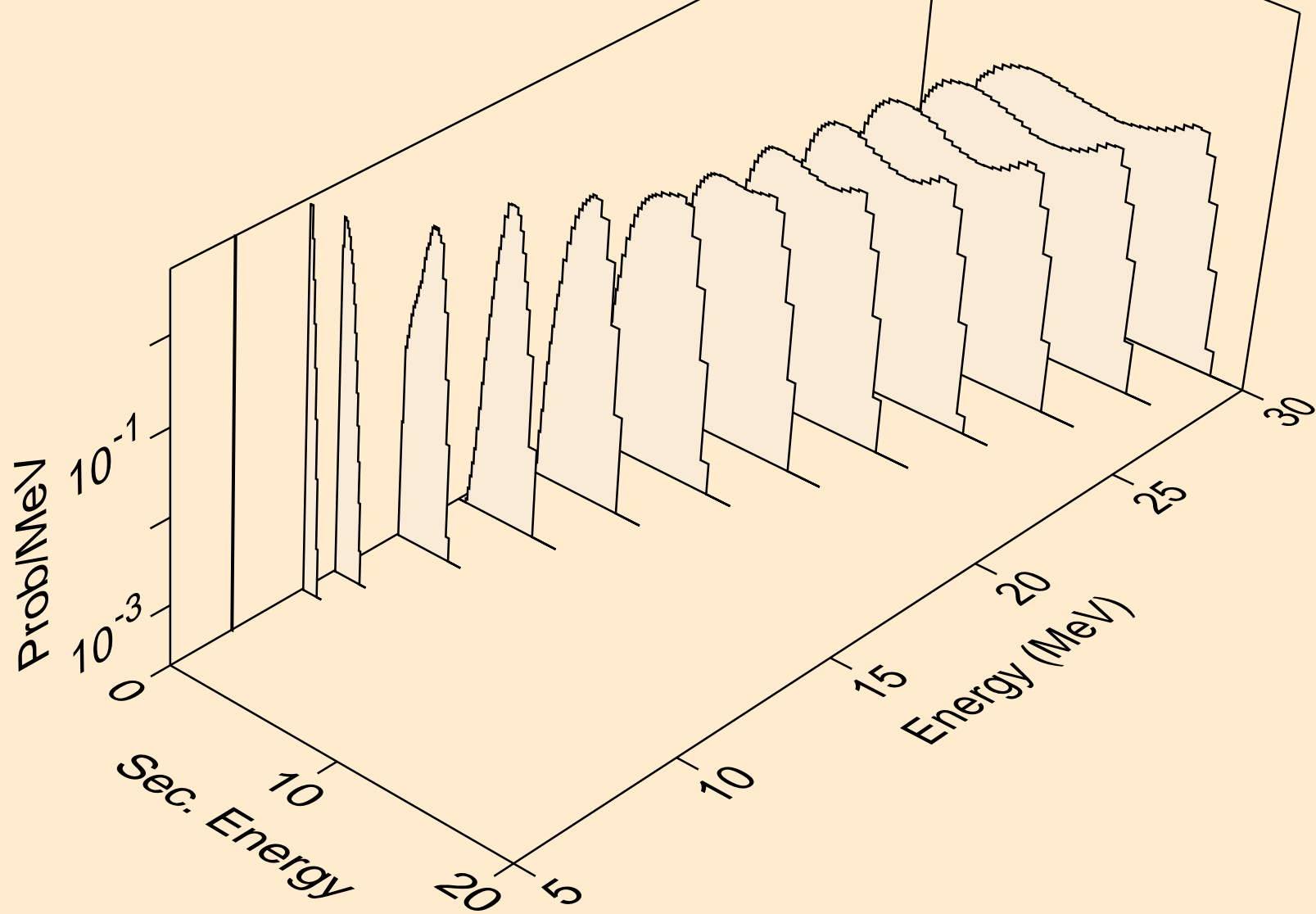
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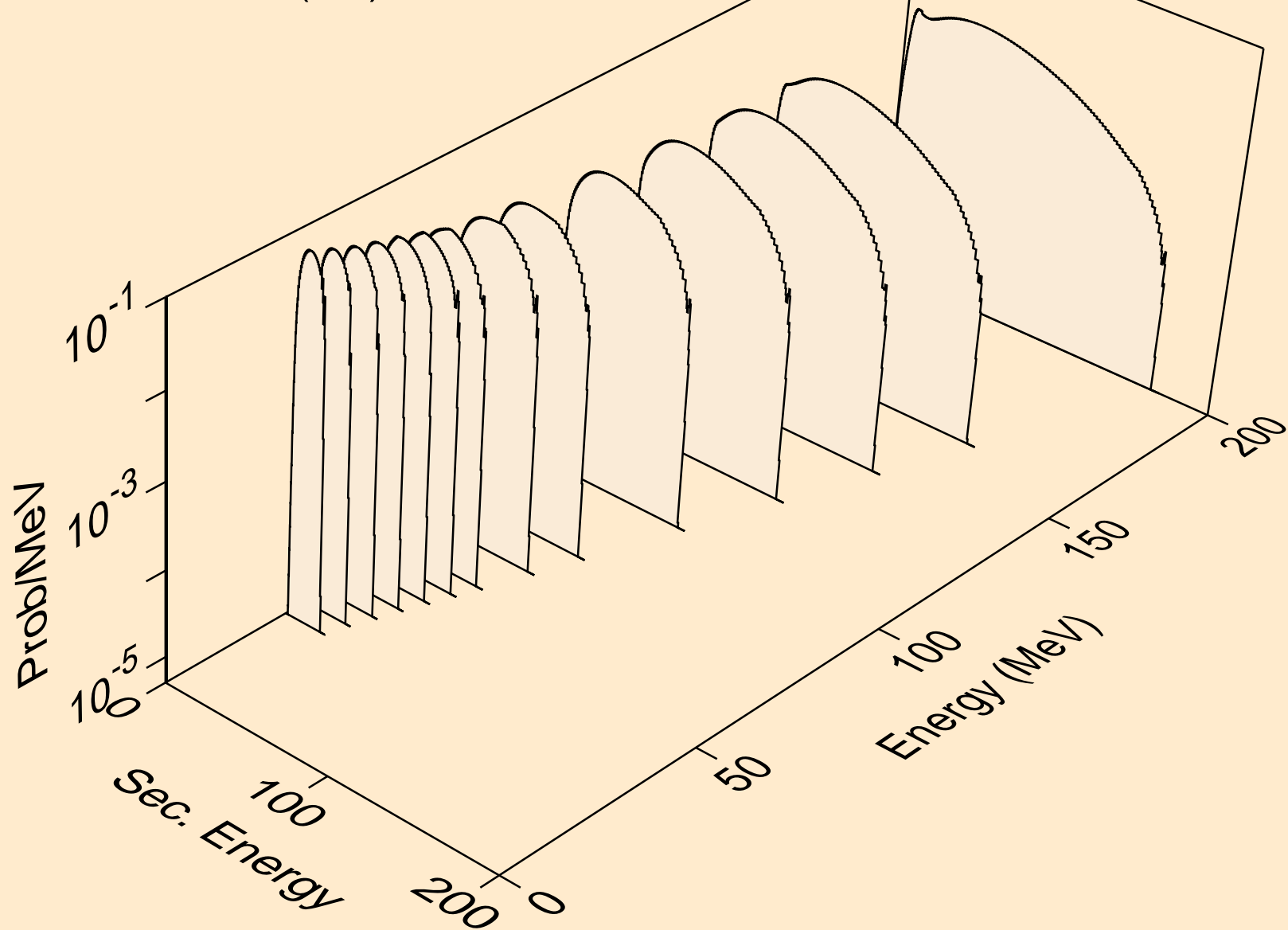
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deuterons from (s,pd)



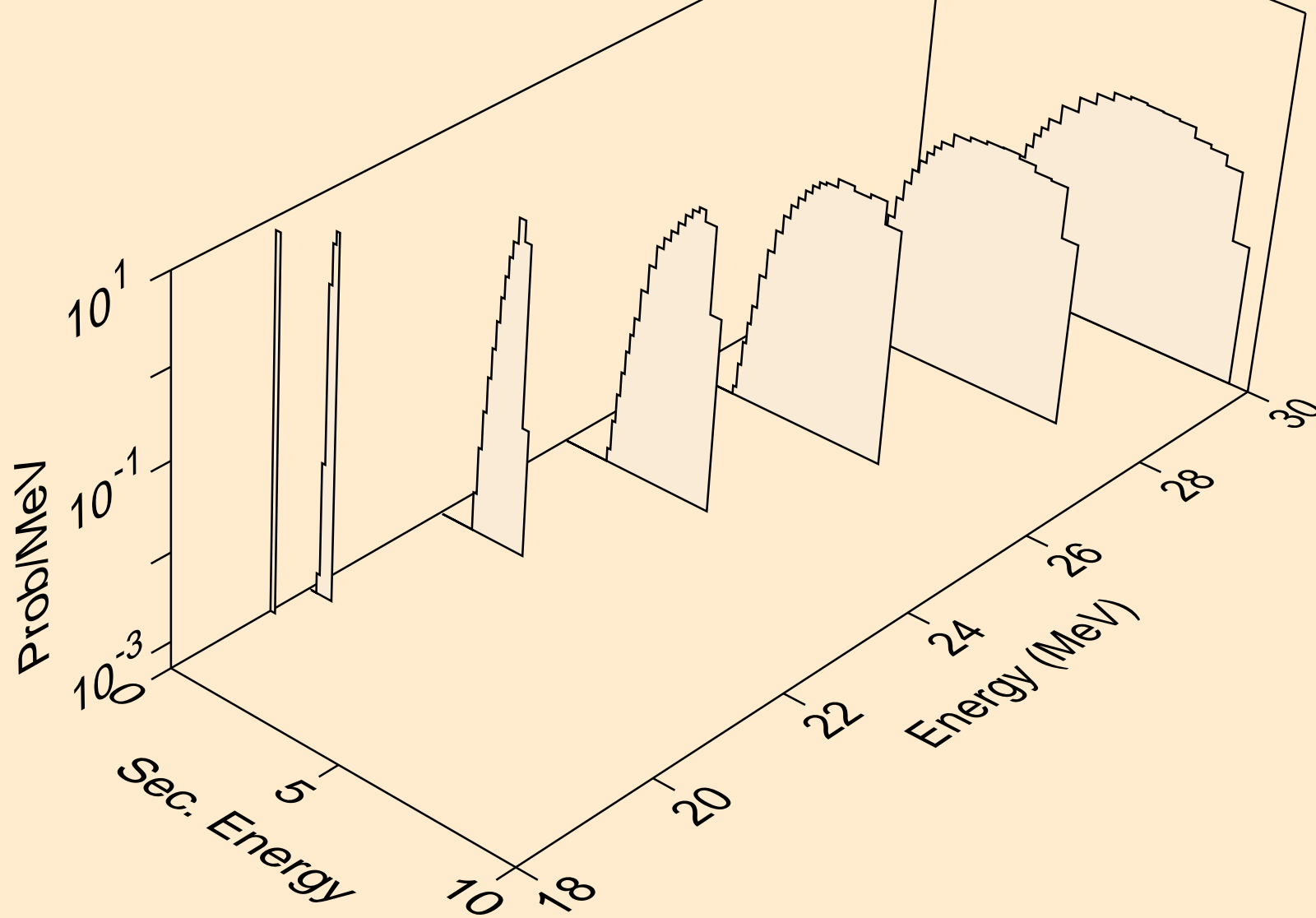
AR038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,da)



AR038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,x)

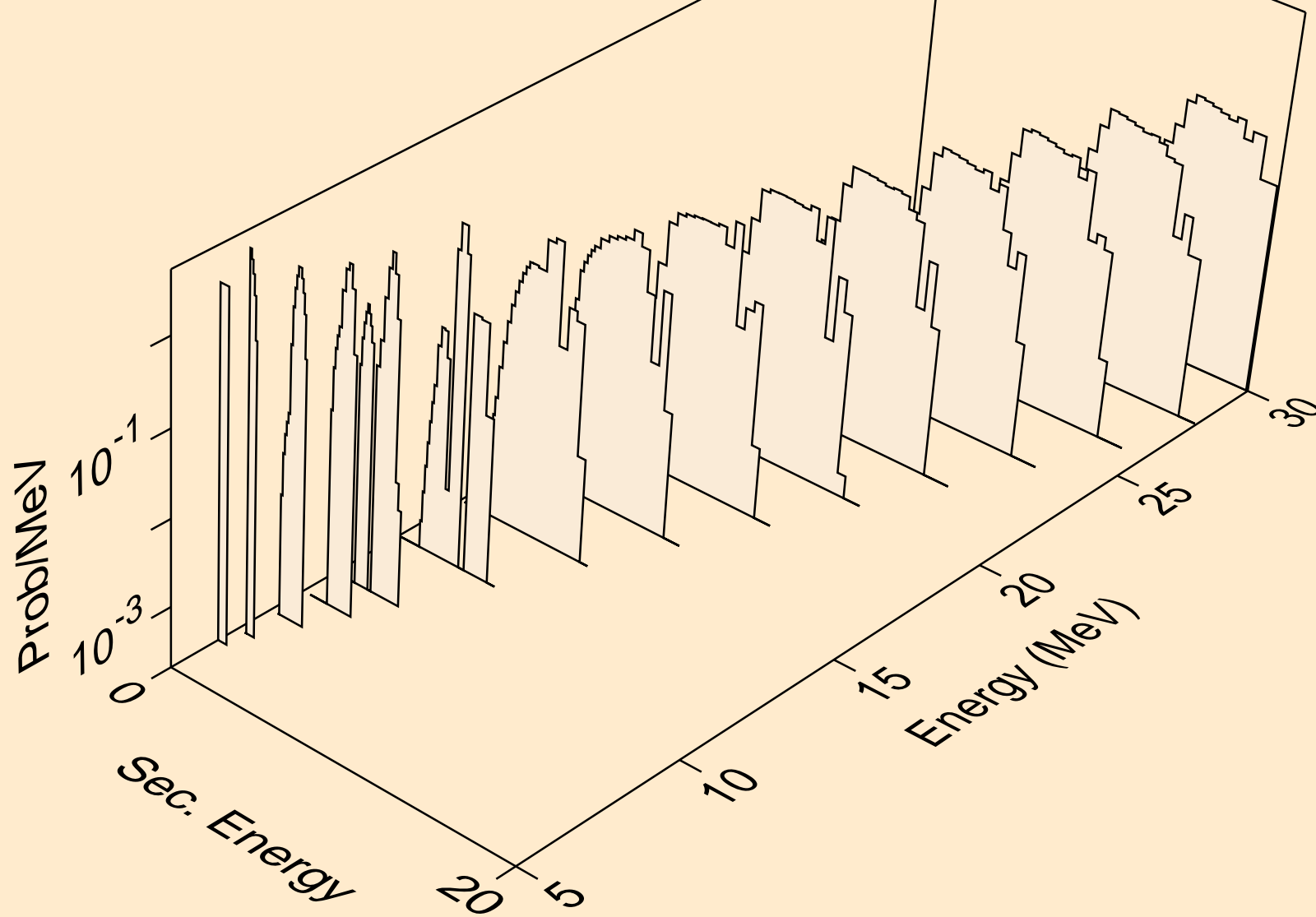


AR038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,n\*)t

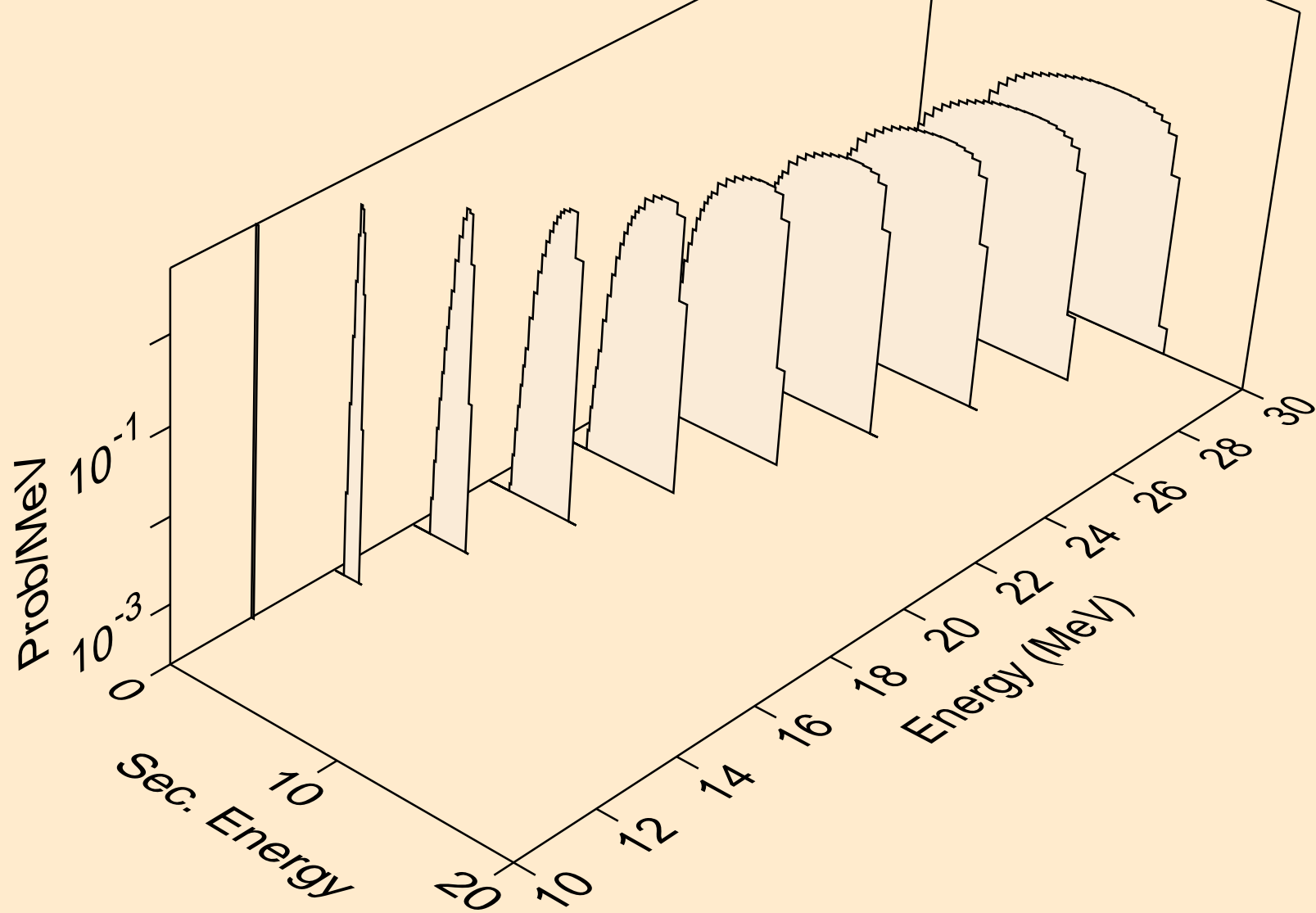




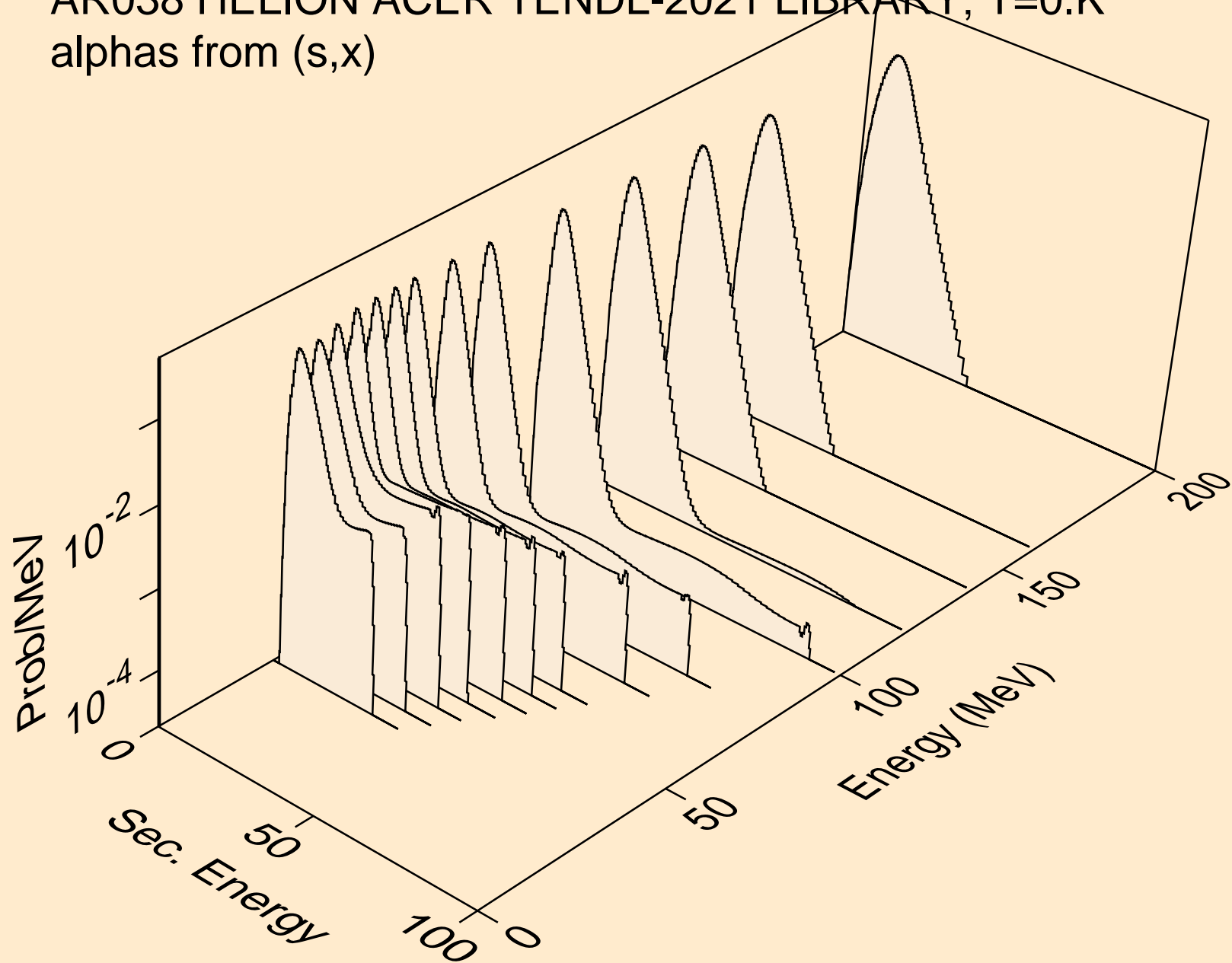
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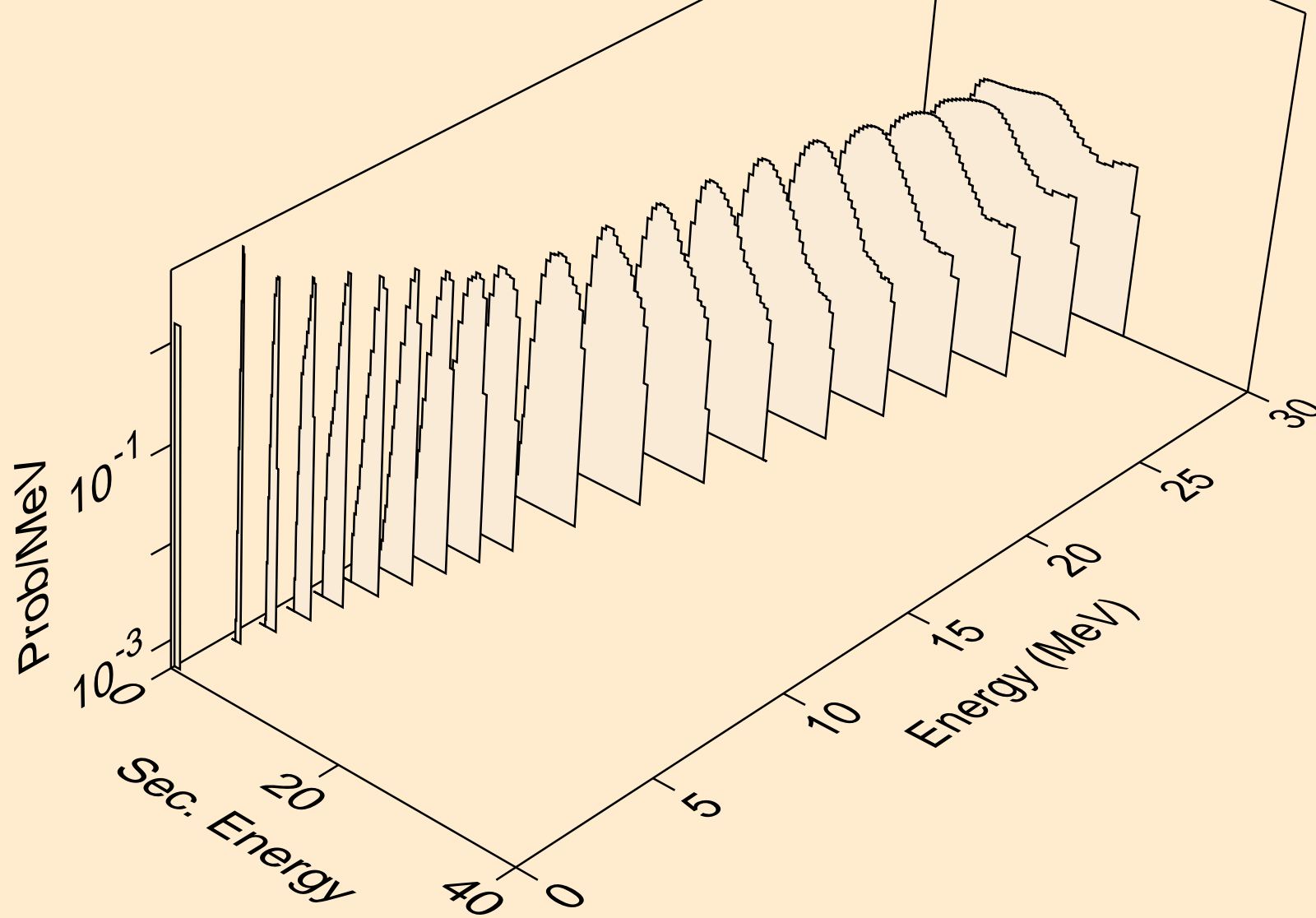
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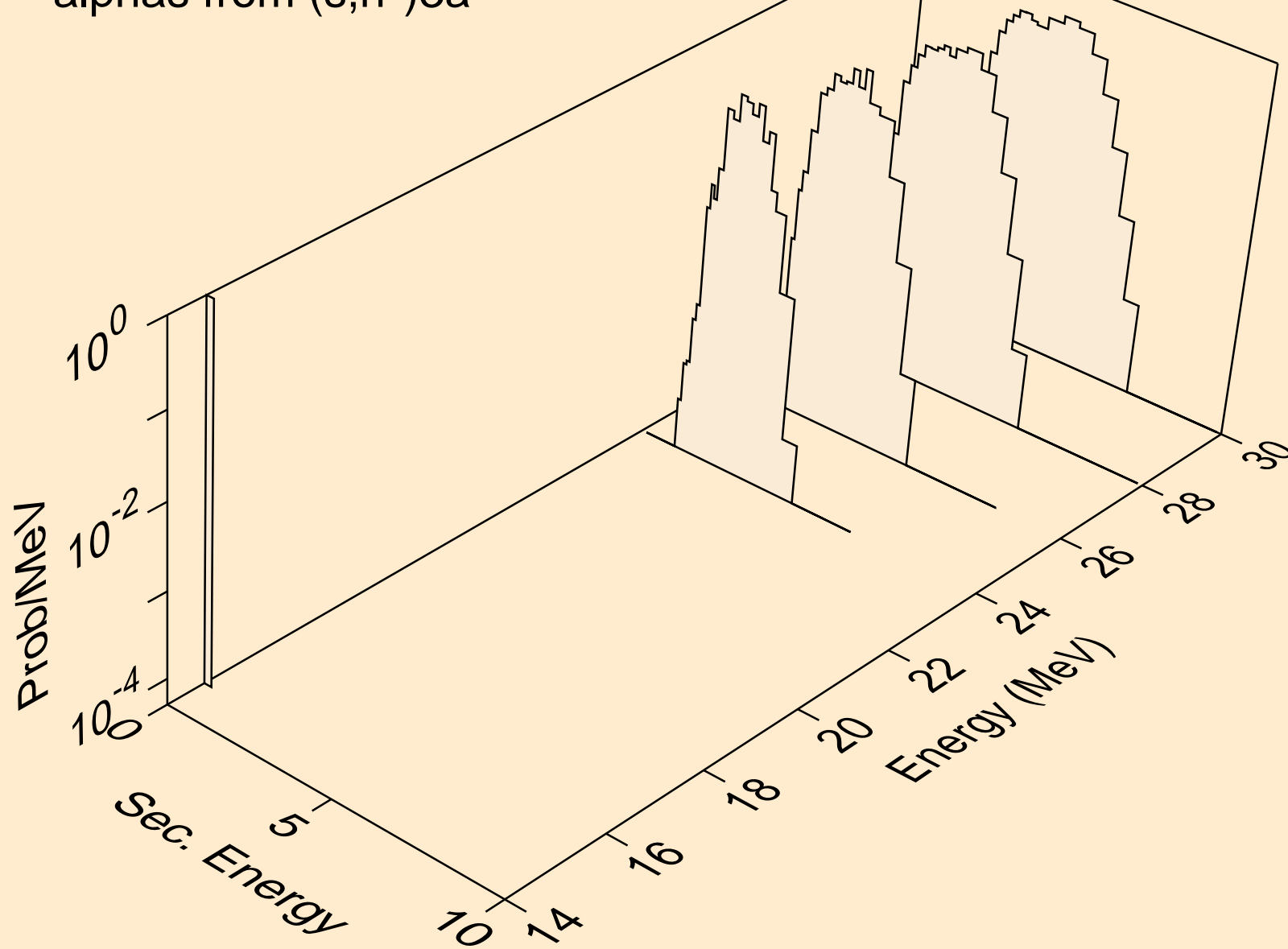
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alphas from (s,x)



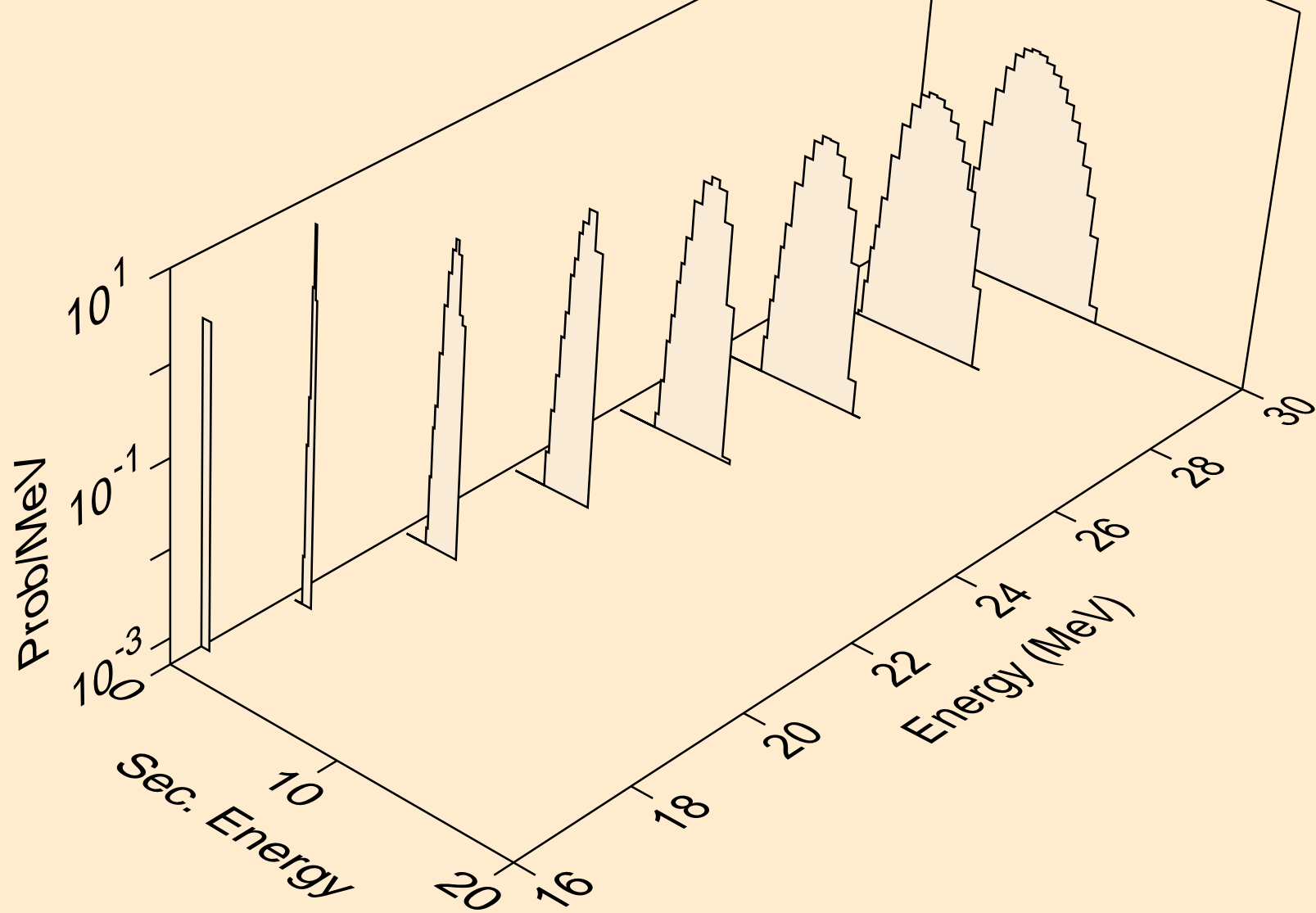
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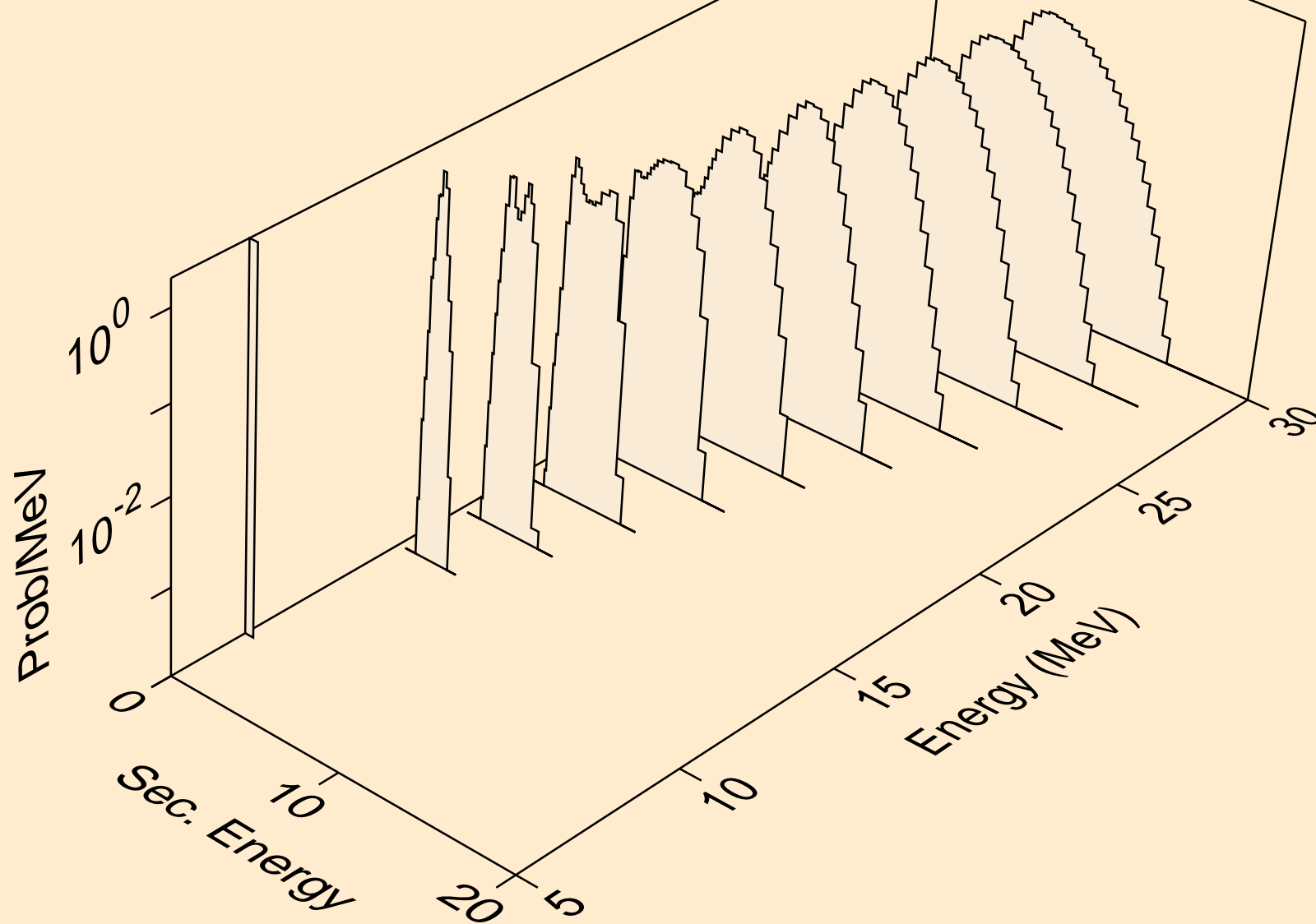
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alphas from (s,n\*)3a



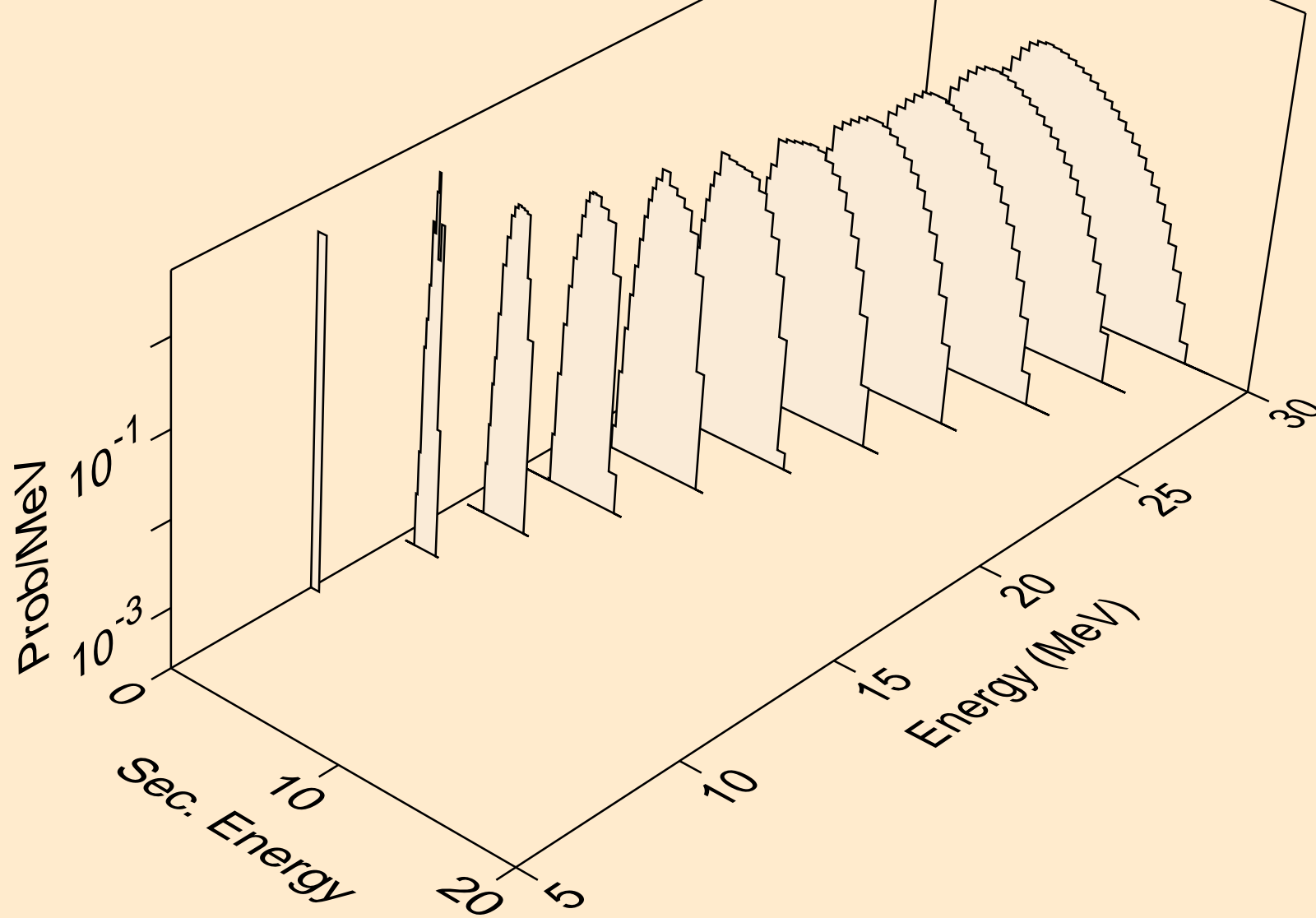
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AR038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
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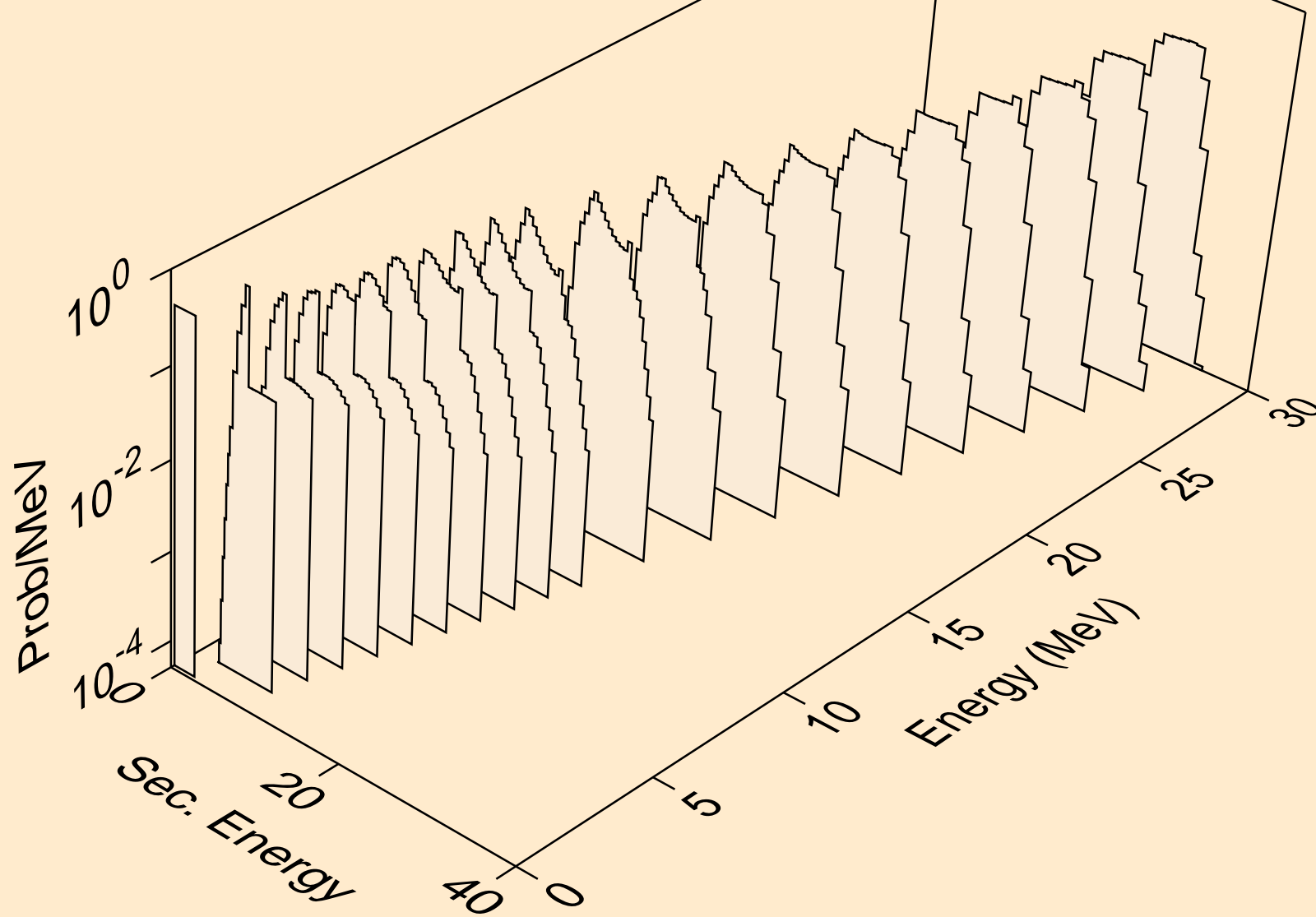


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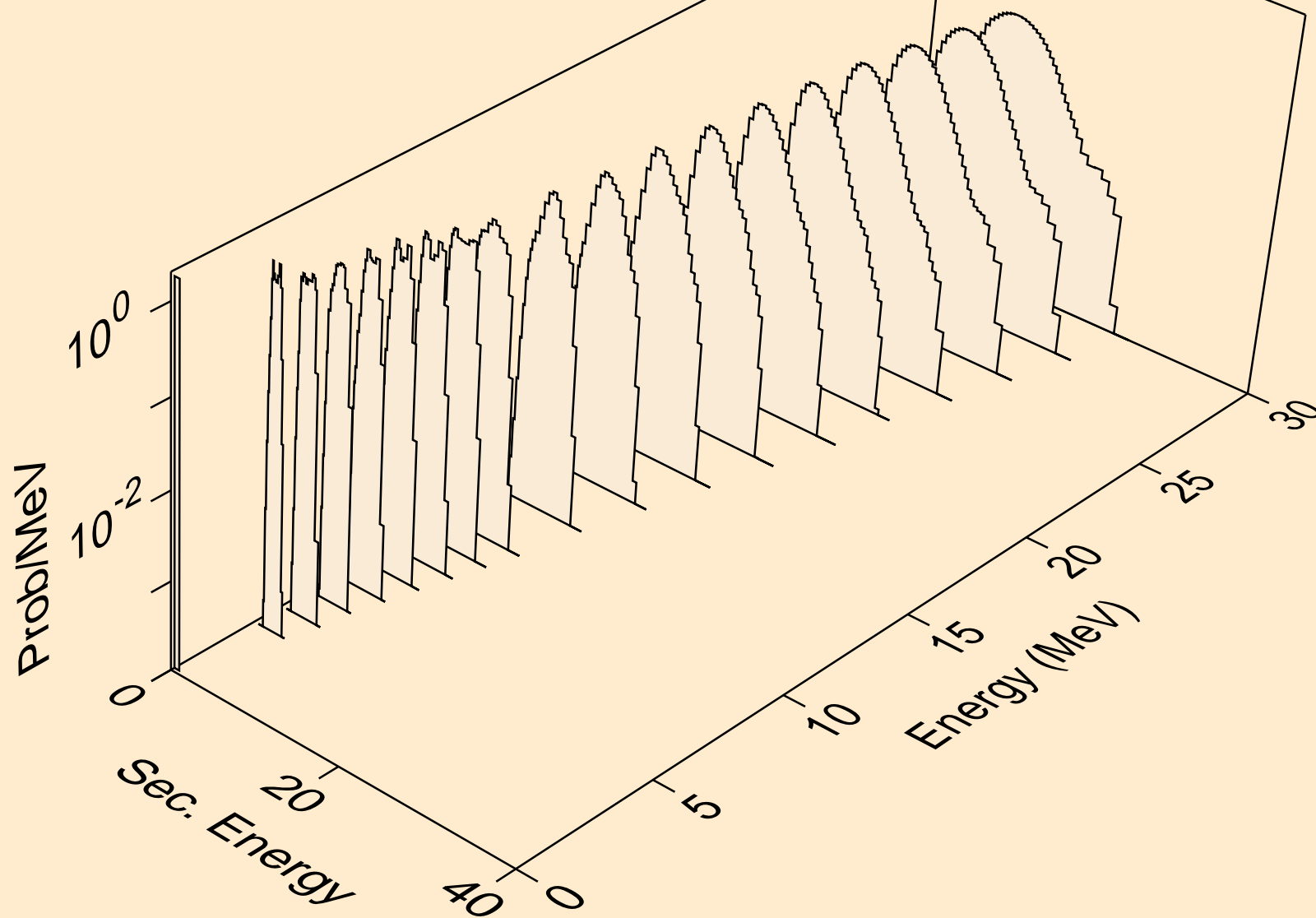




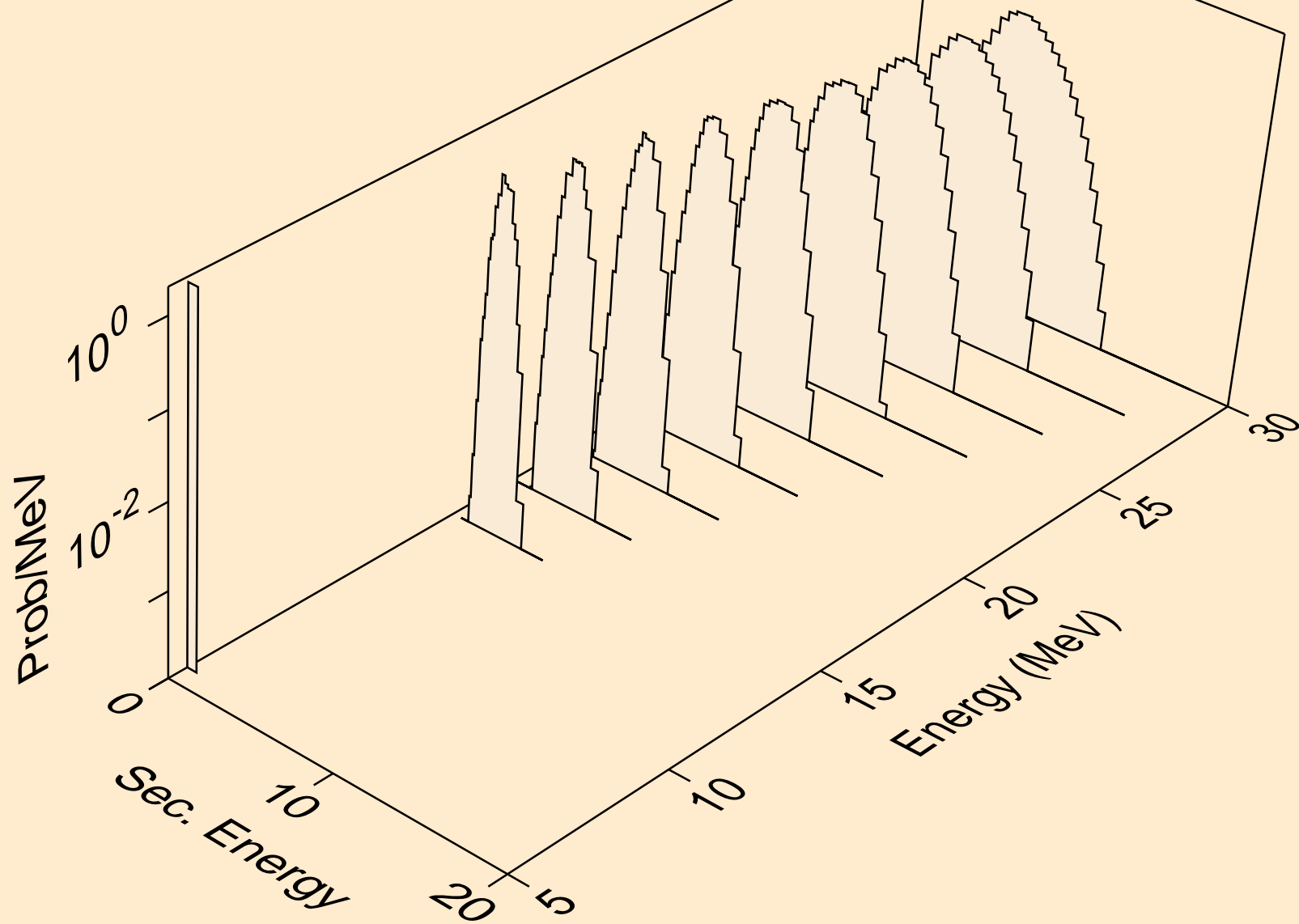
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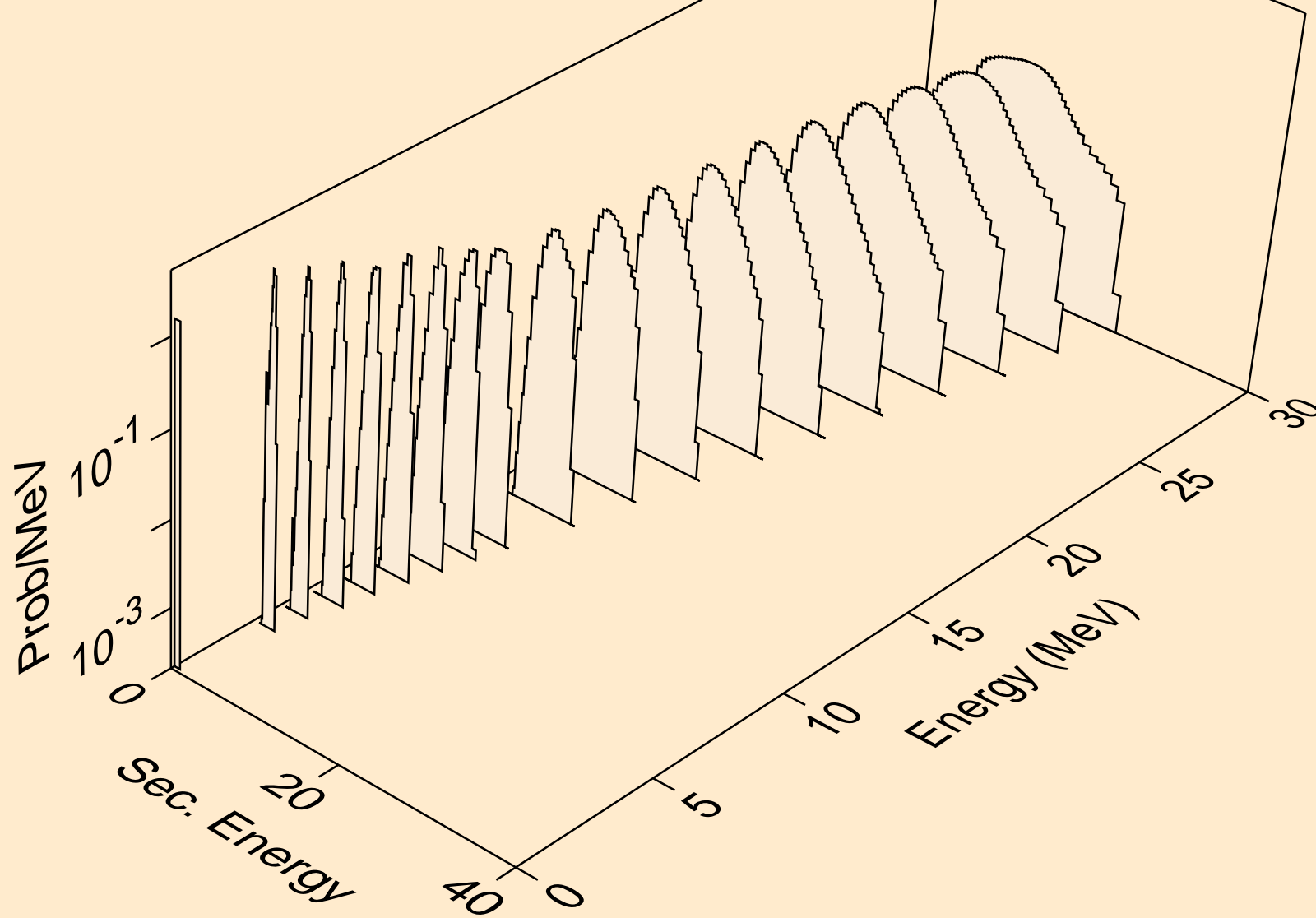
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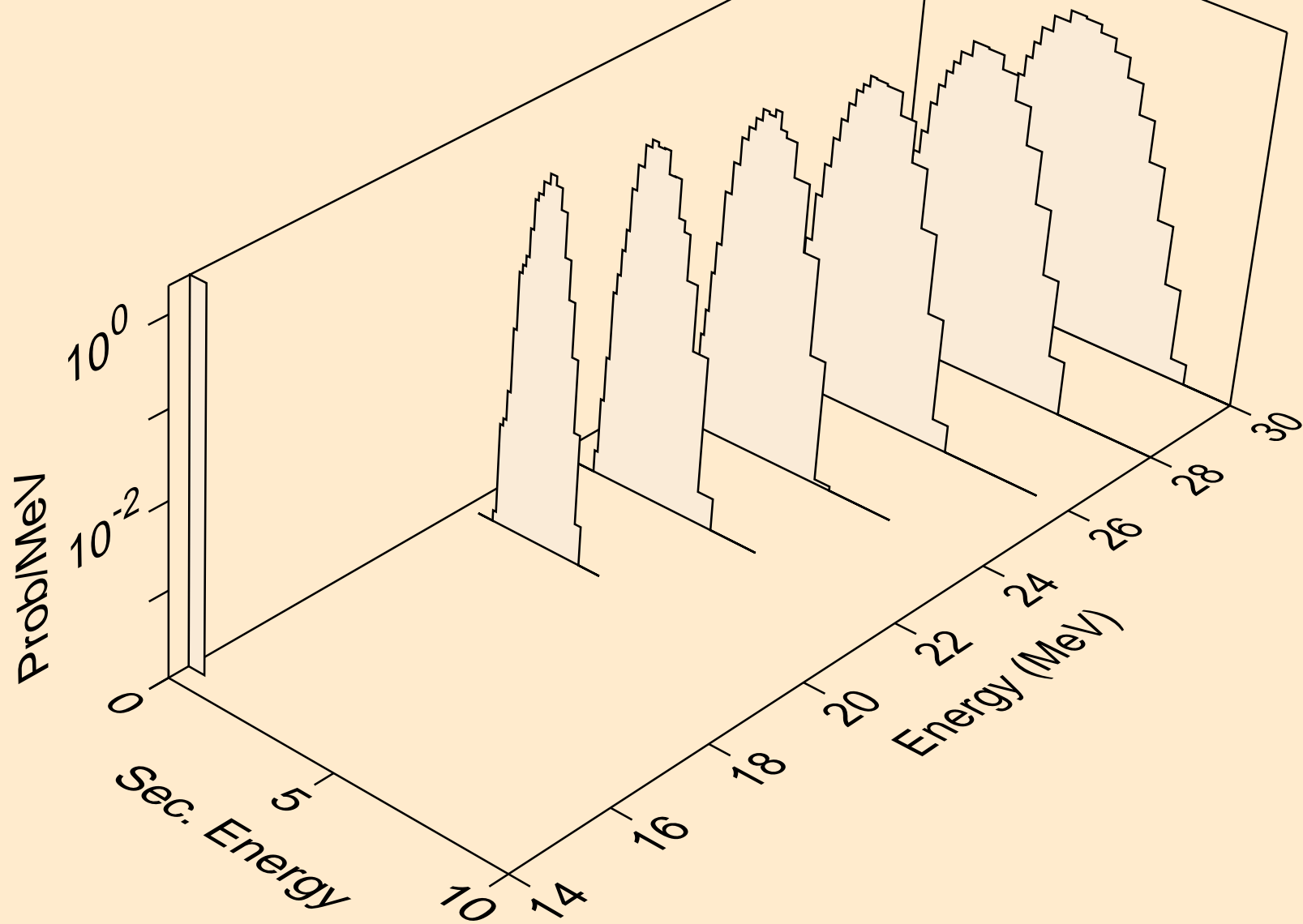
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alphas from (s,3a)



AR038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,pa)



AR038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,d2a)



AR038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,da)

