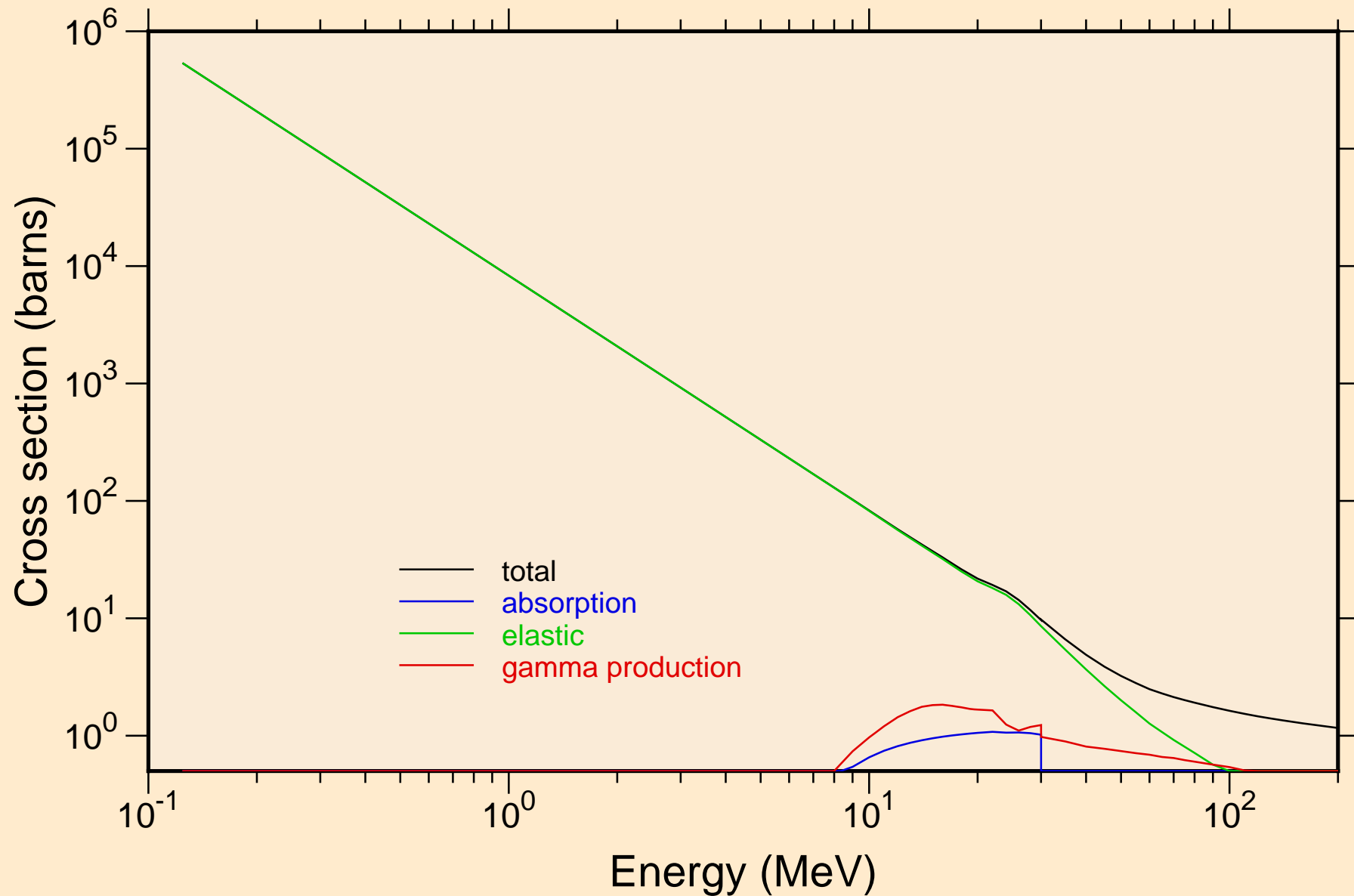
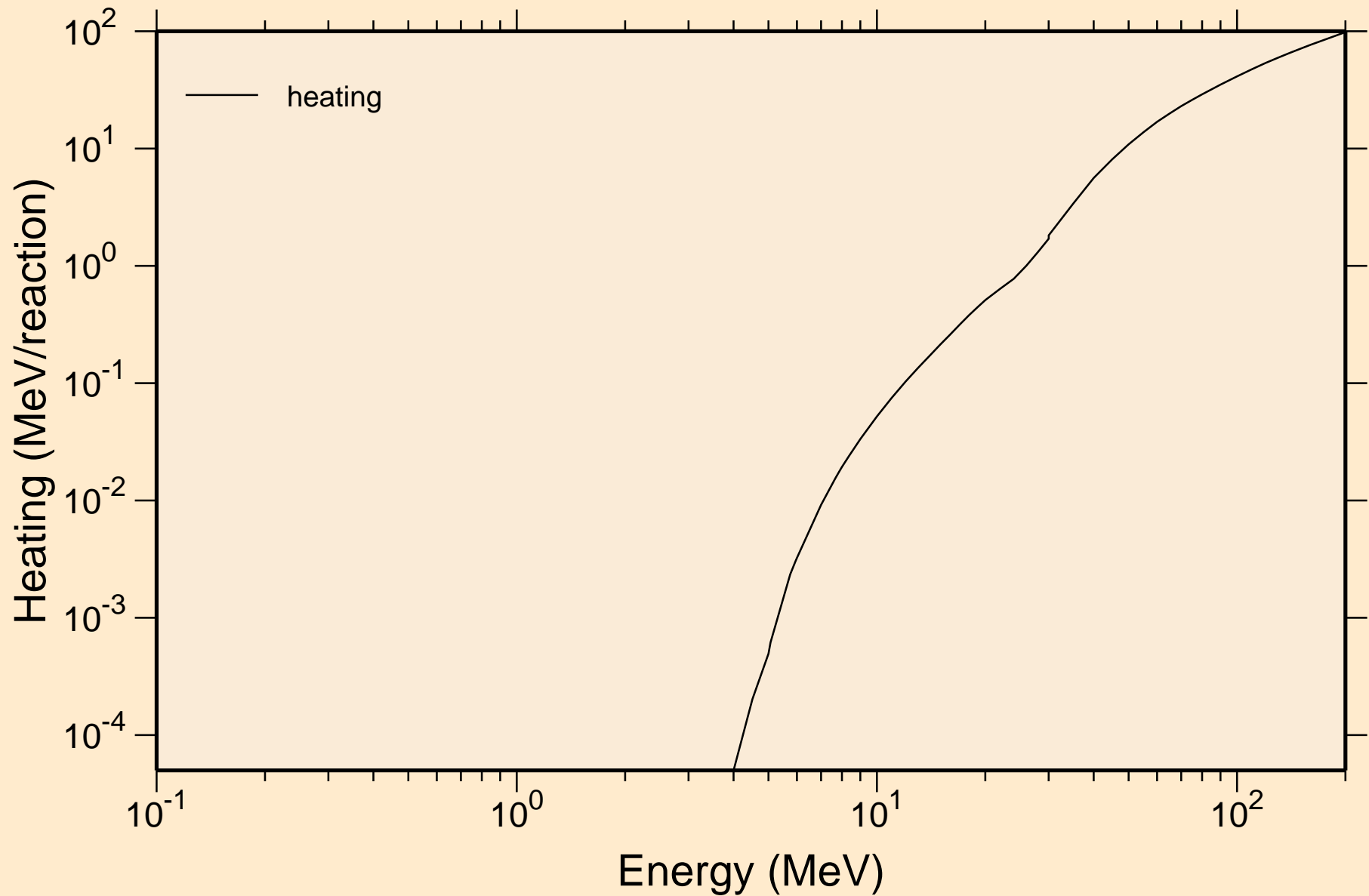


# CL037 HELION ACER TENDL-2023 LIBRARY; T=0.K

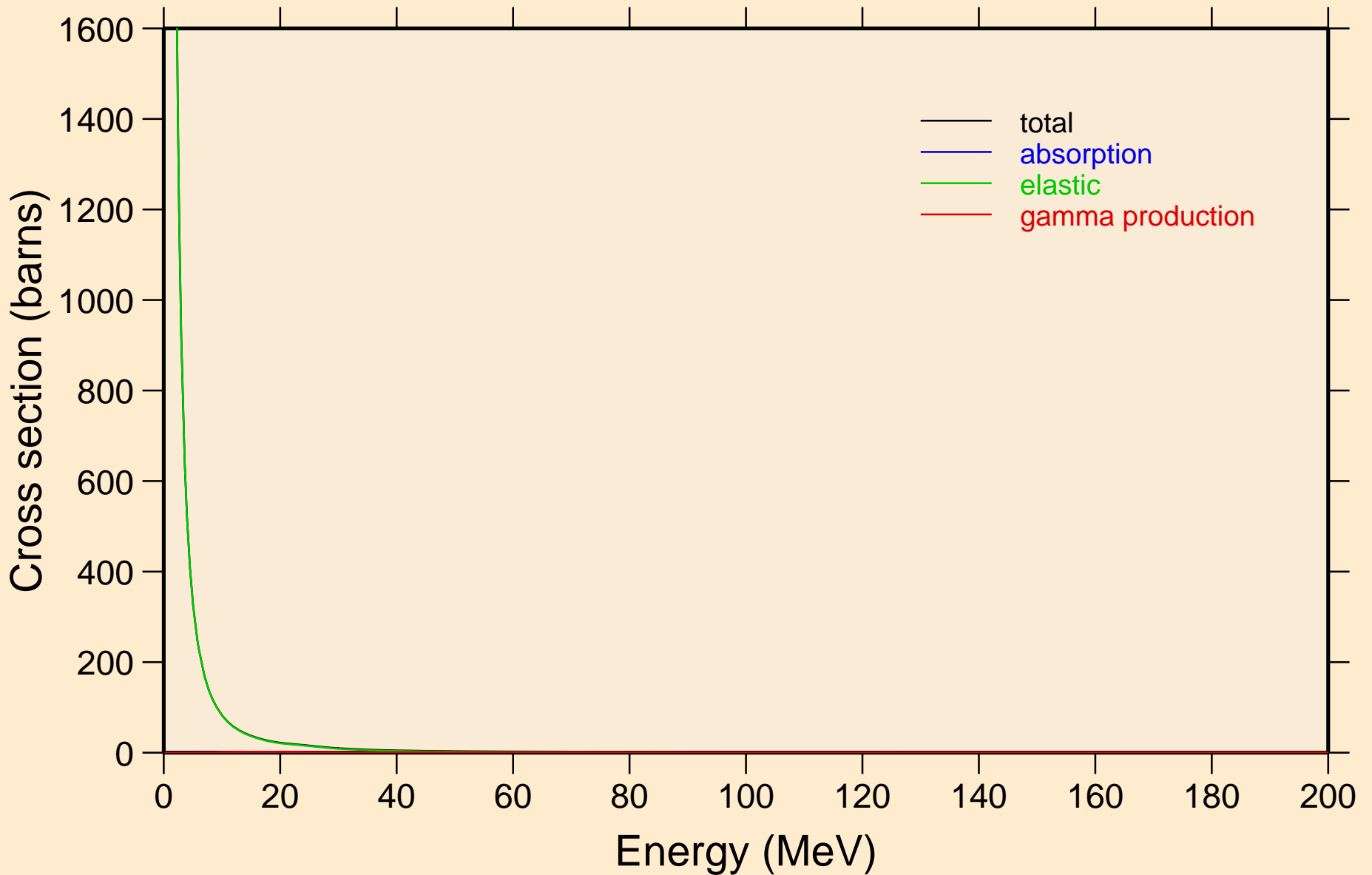
## Principal cross sections



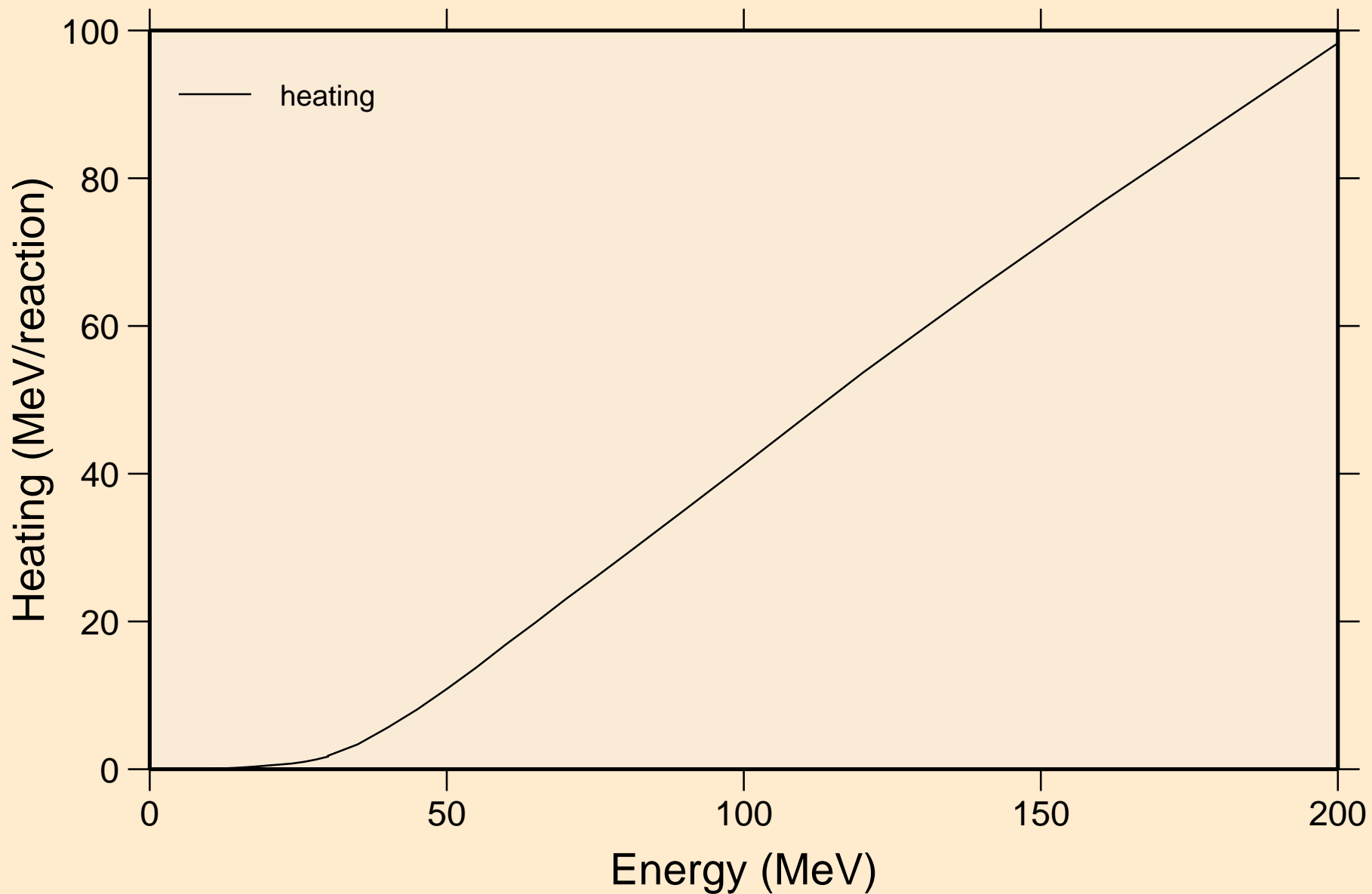
CL037 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Heating



CL037 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections

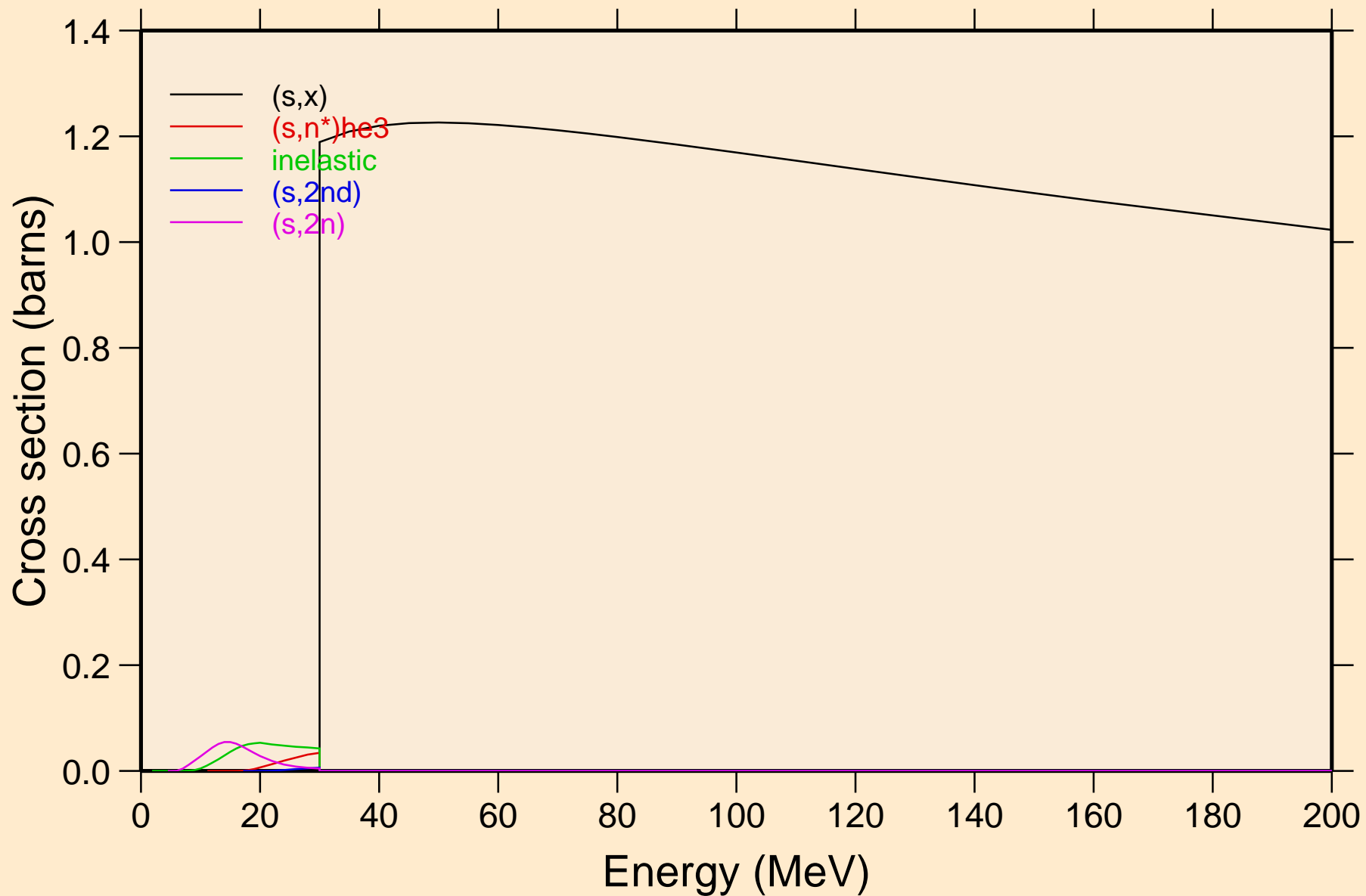


CL037 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Heating

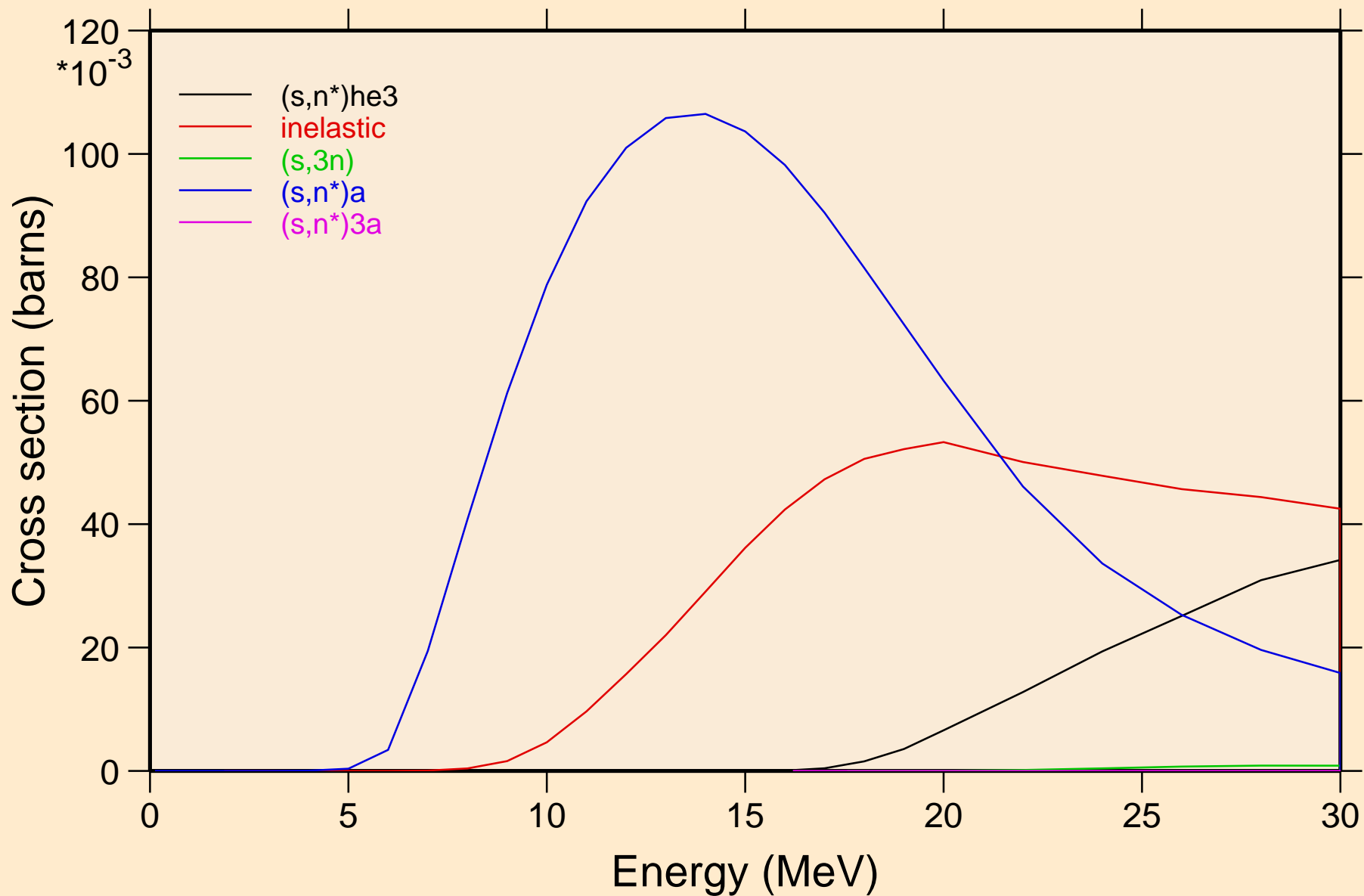


# CL037 HELION ACER TENDL-2023 LIBRARY; T=0.K

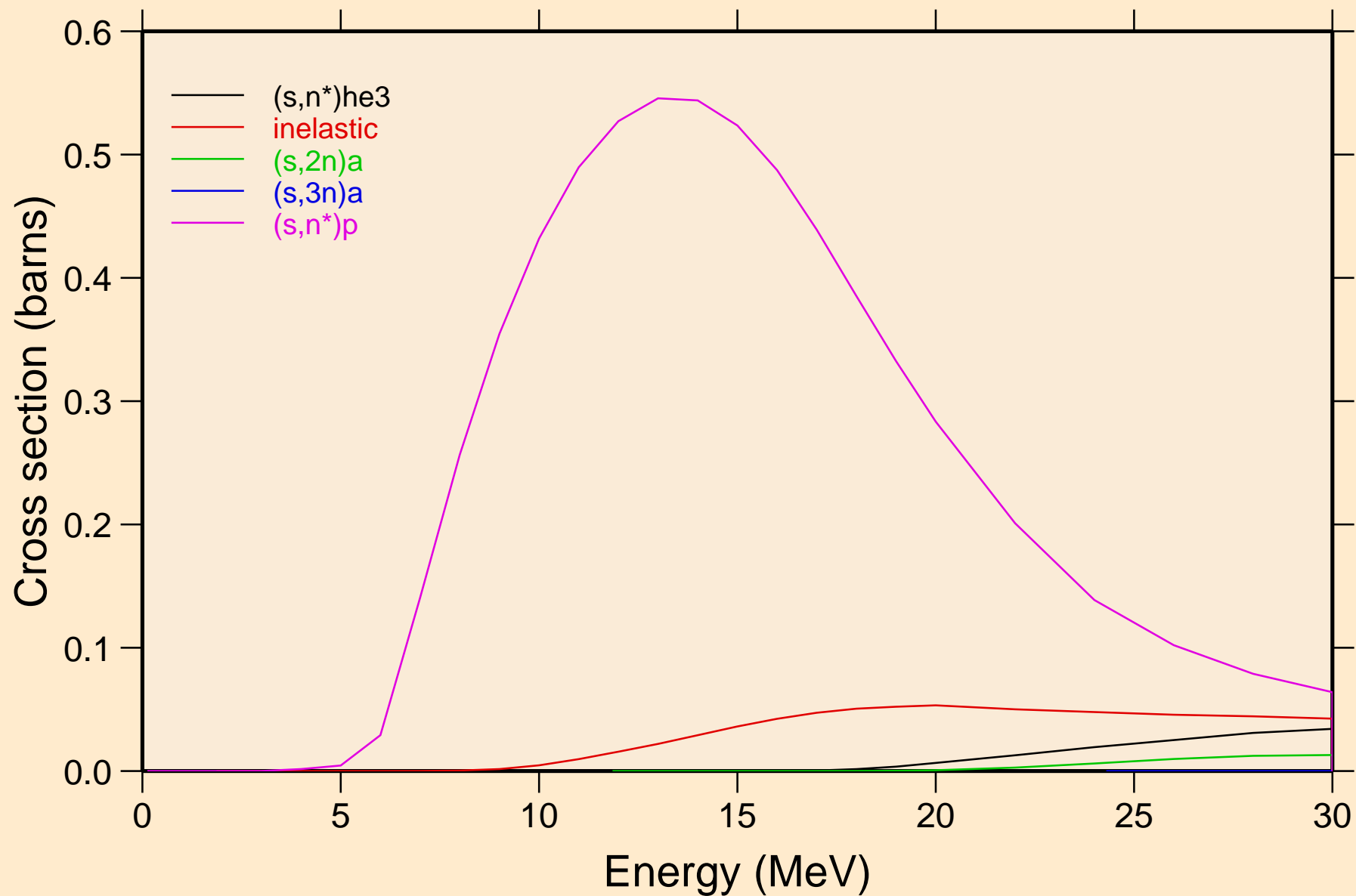
## Threshold reactions



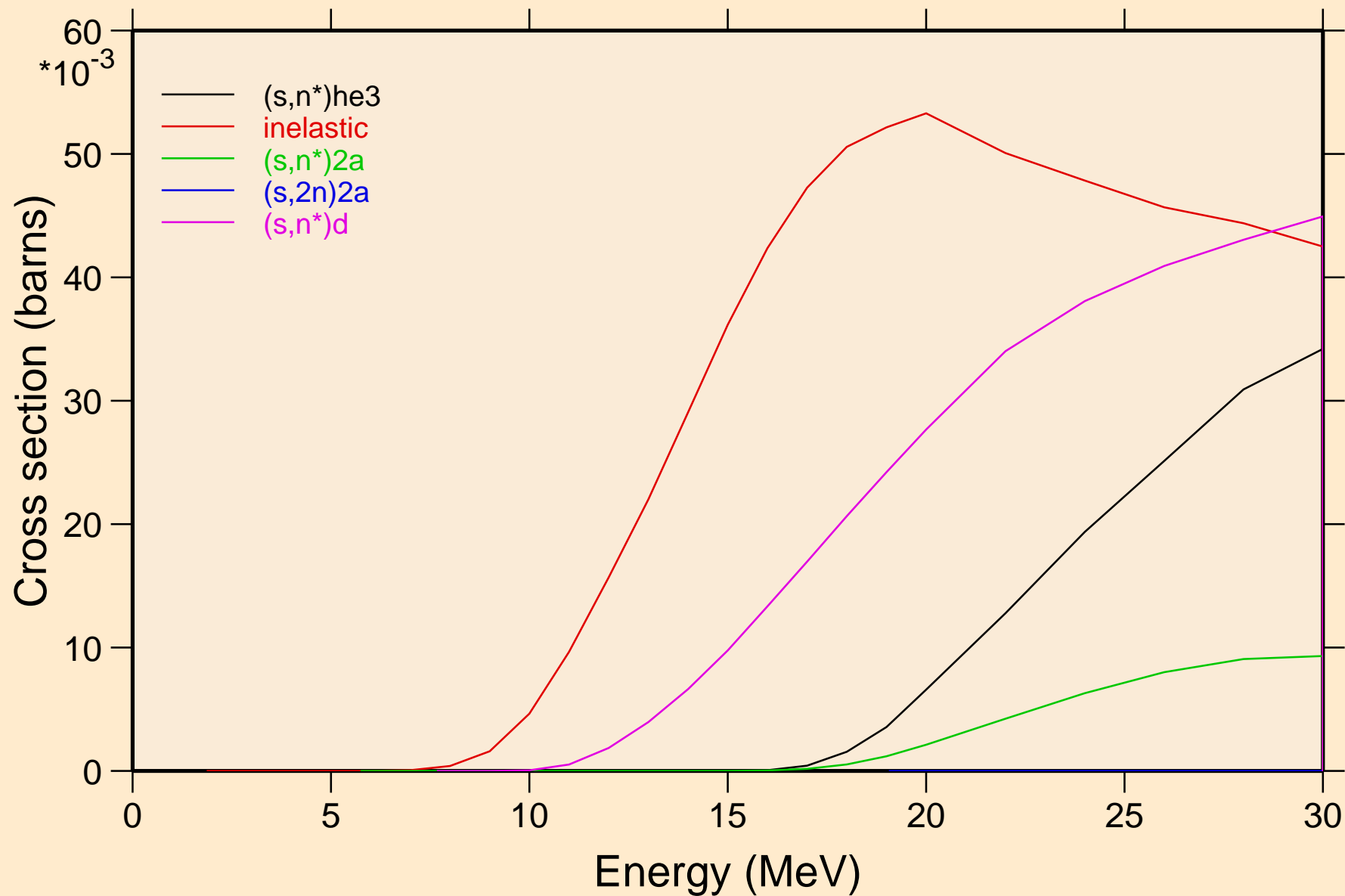
CL037 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



CL037 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

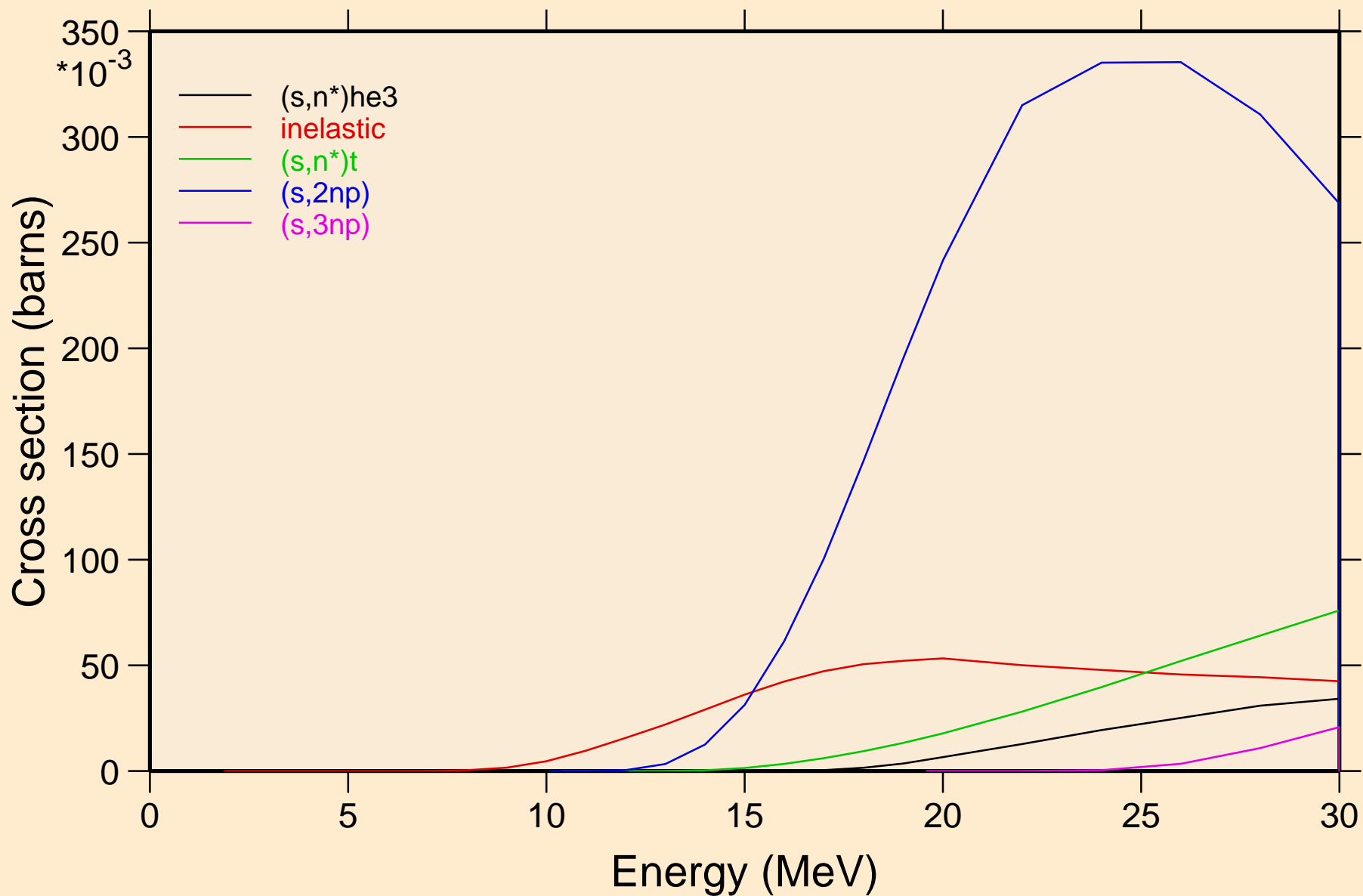


CL037 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

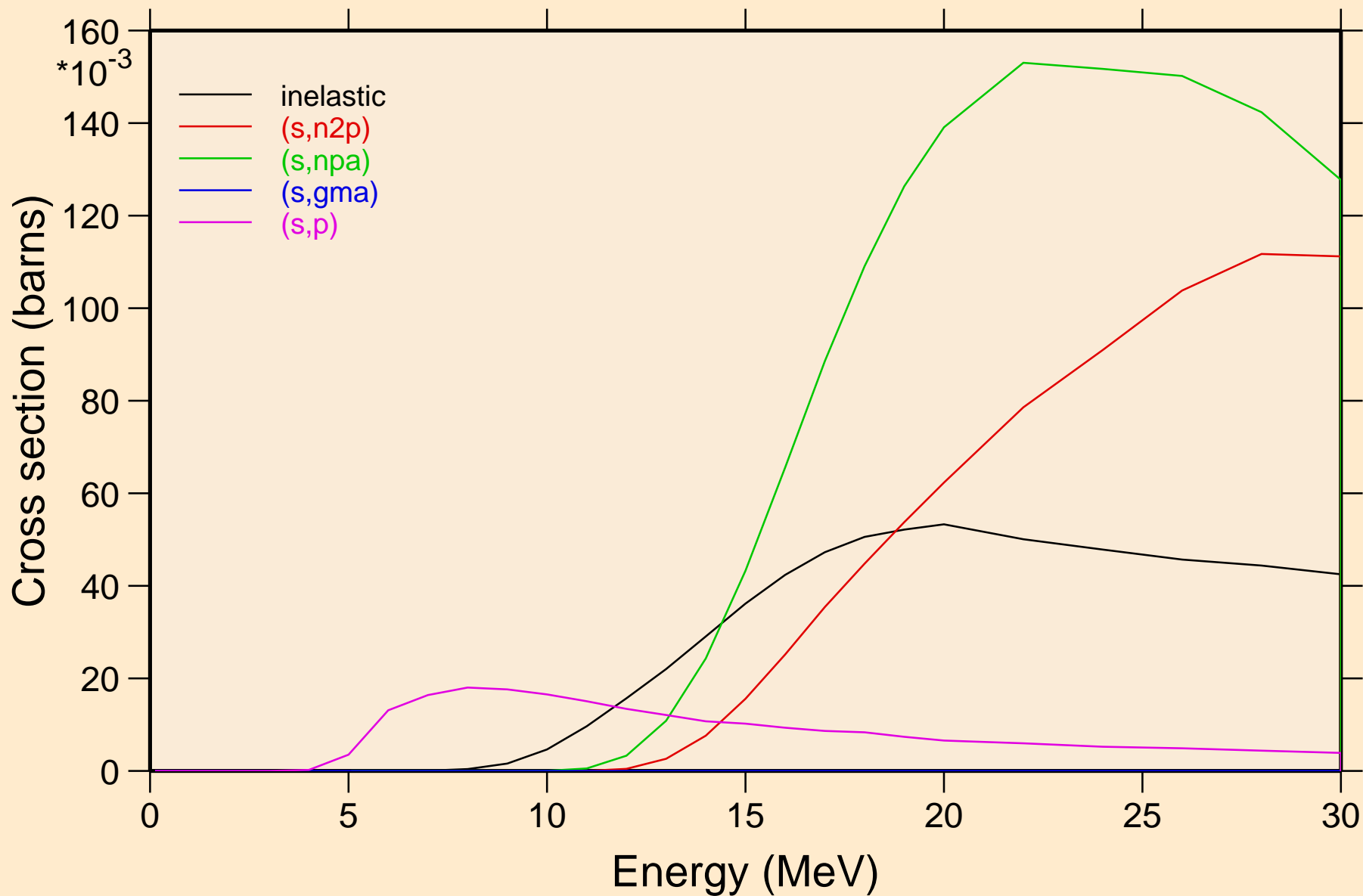




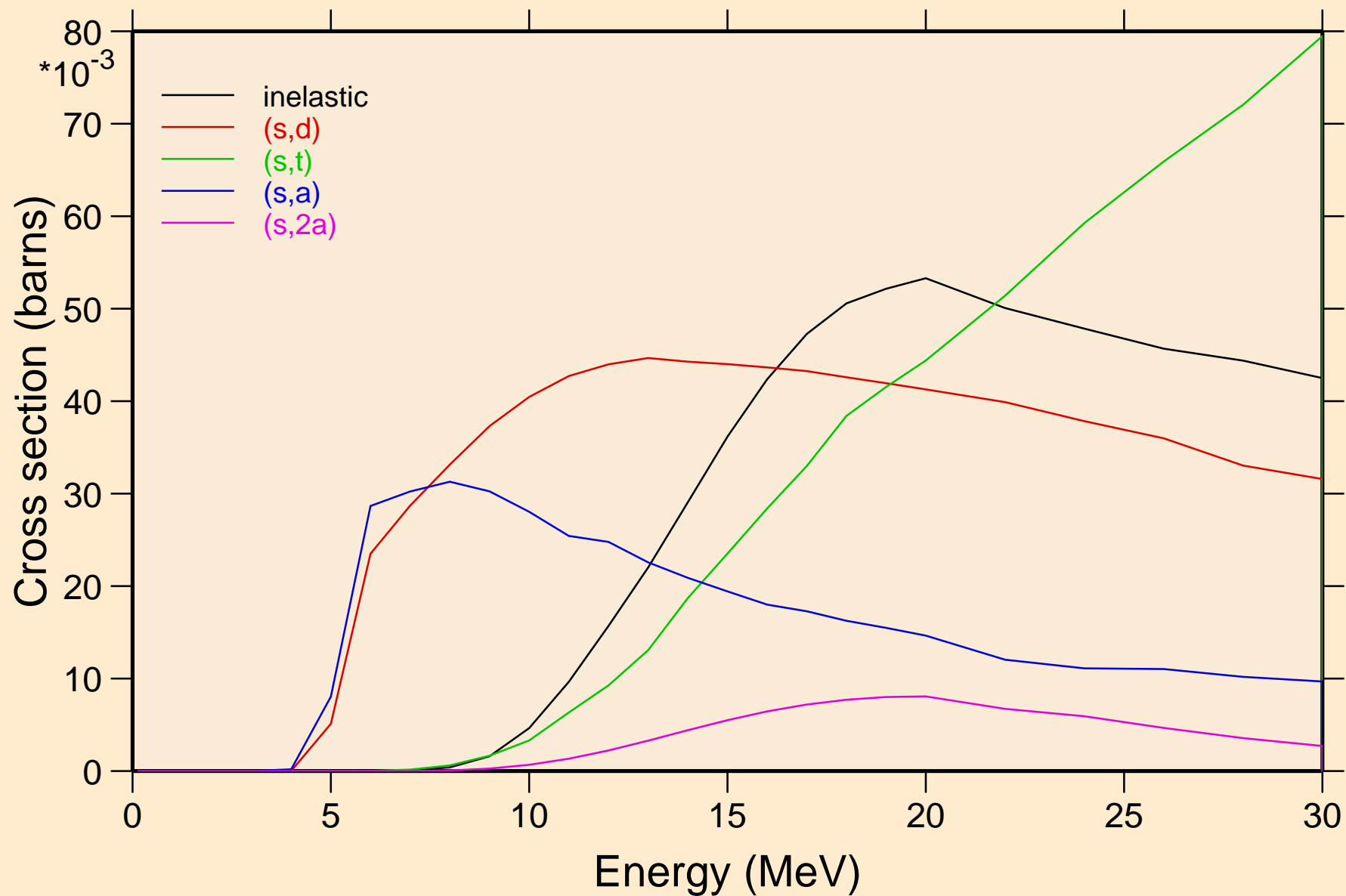
CL037 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



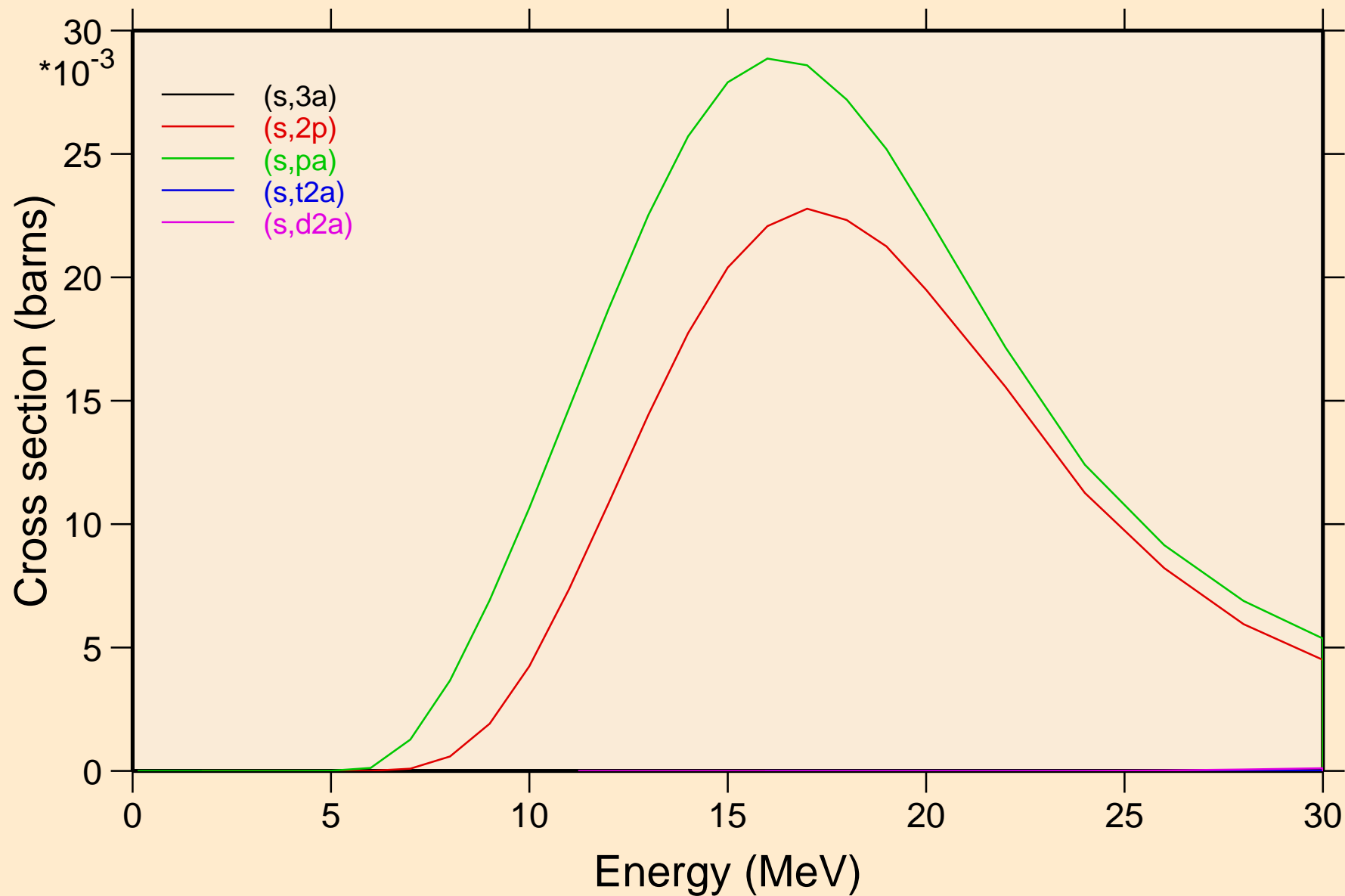
CL037 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



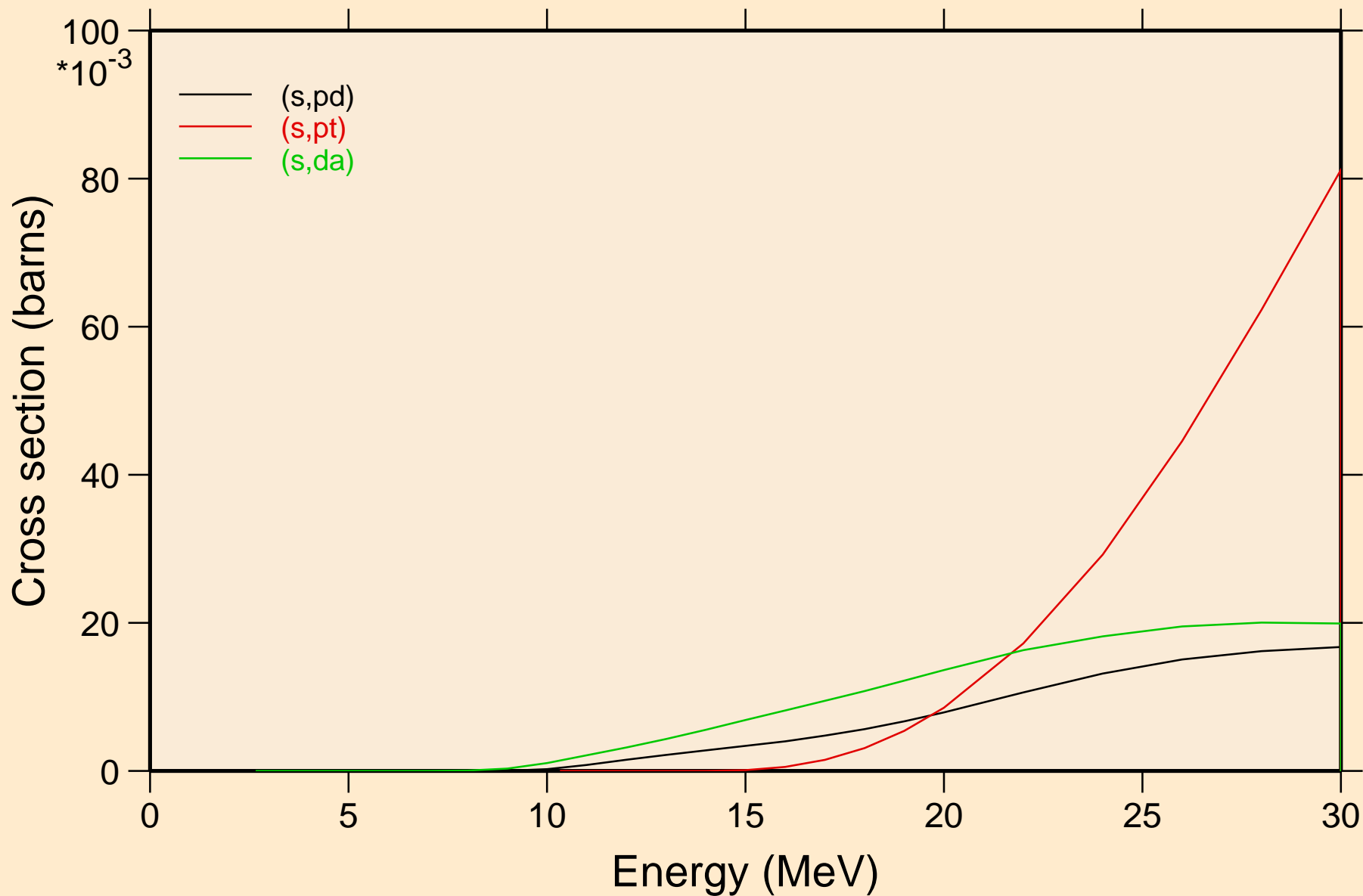
CL037 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



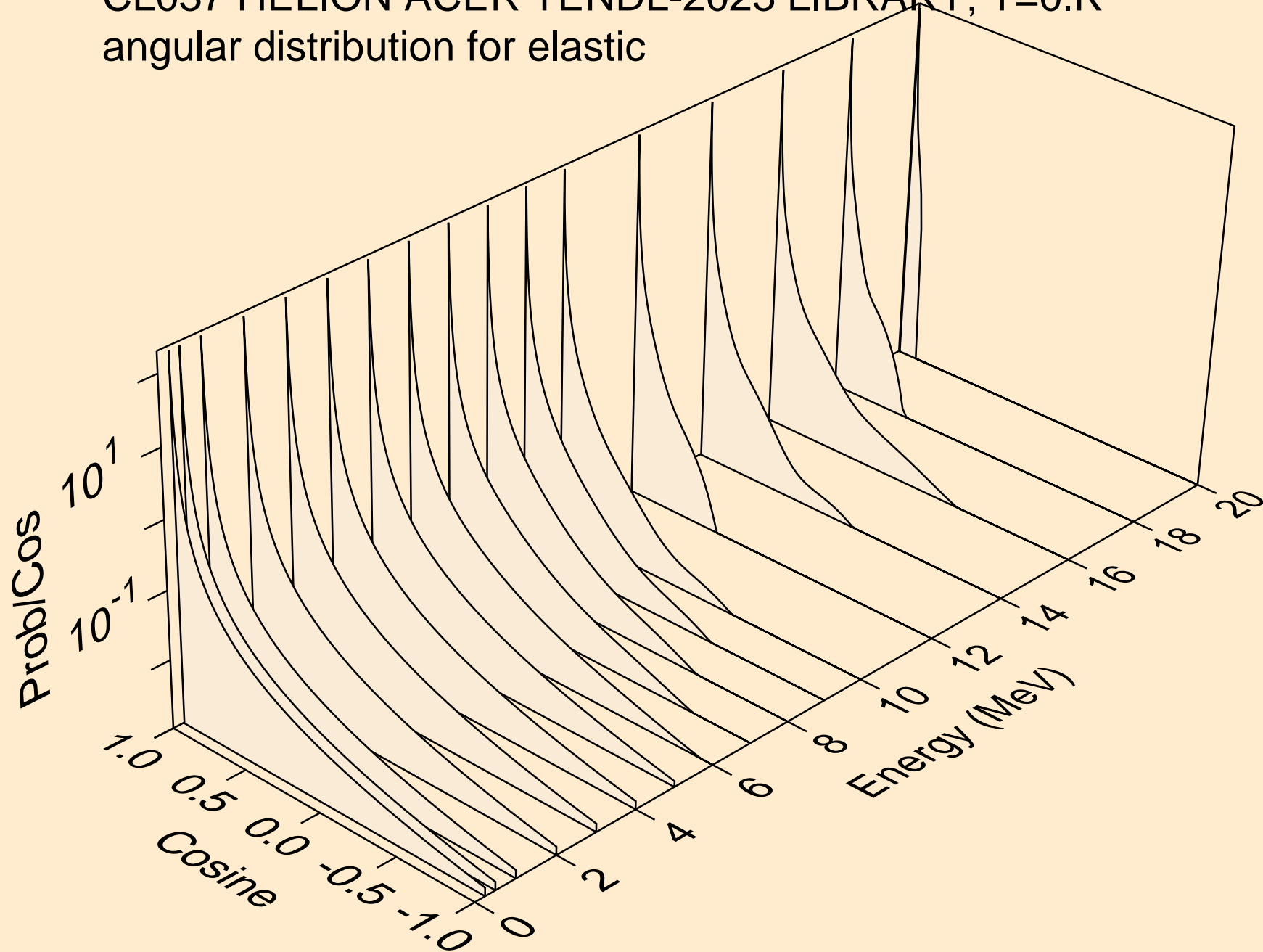
CL037 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



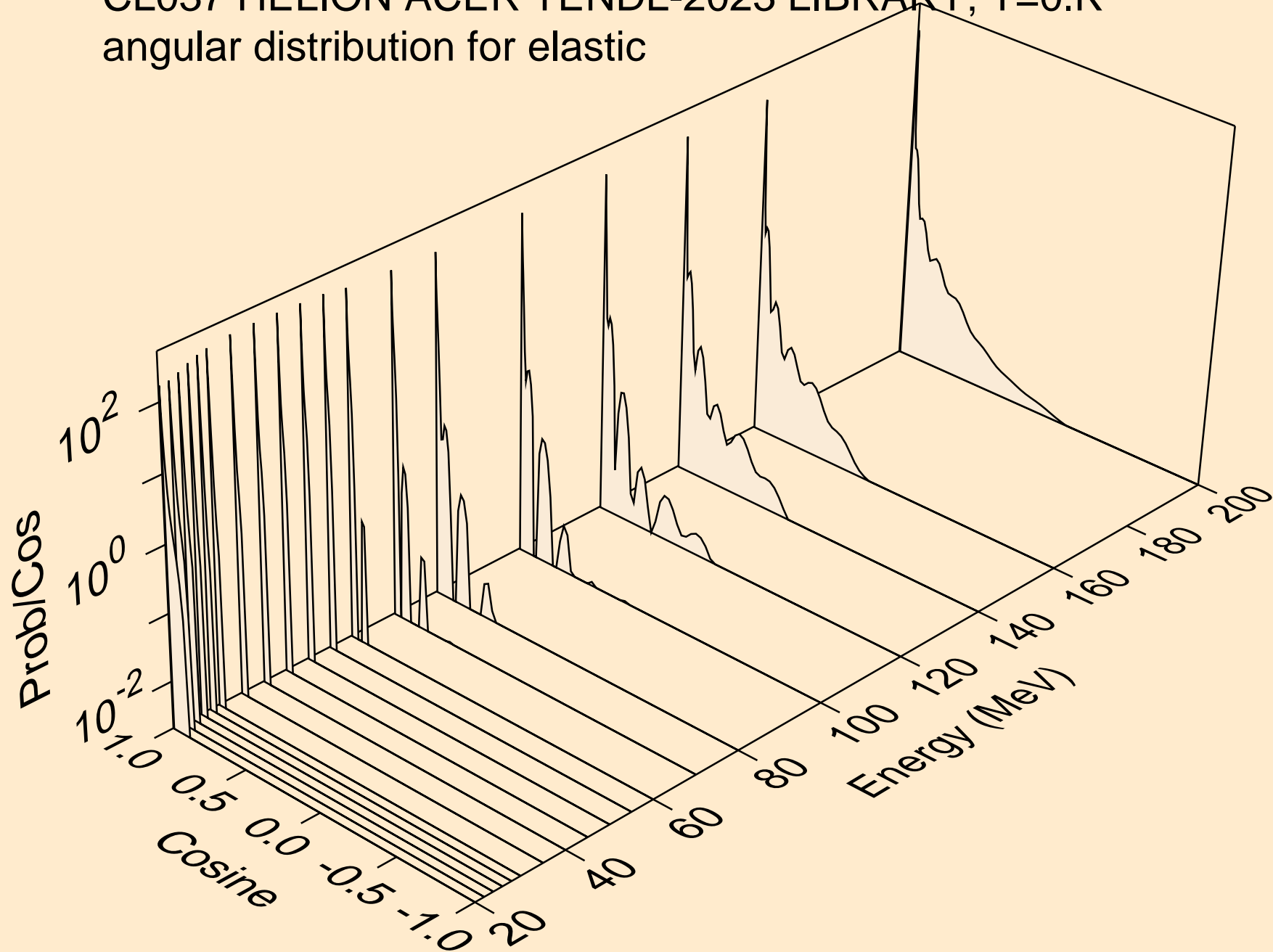
CL037 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



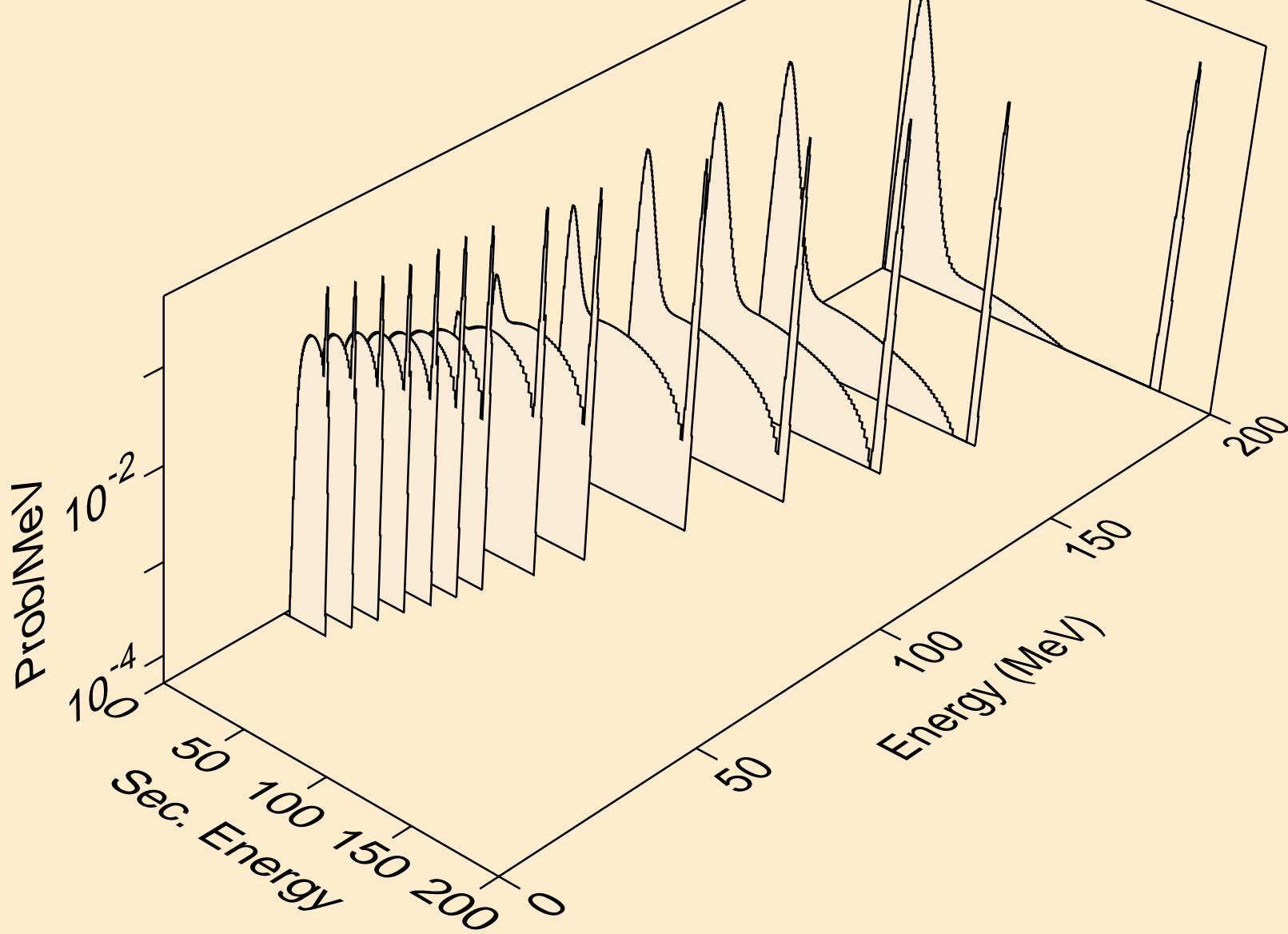
CL037 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



CL037 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

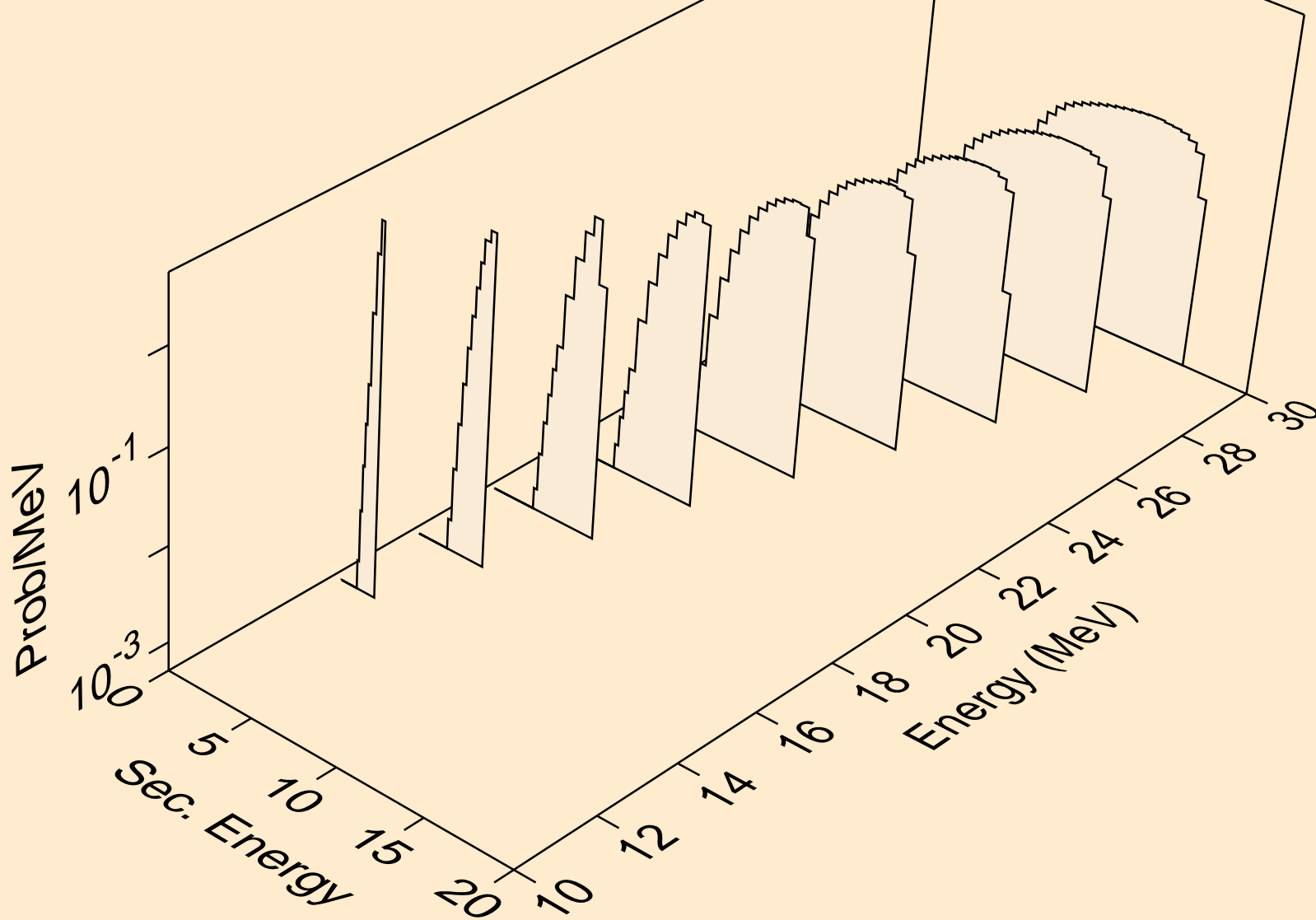


CL037 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,x)

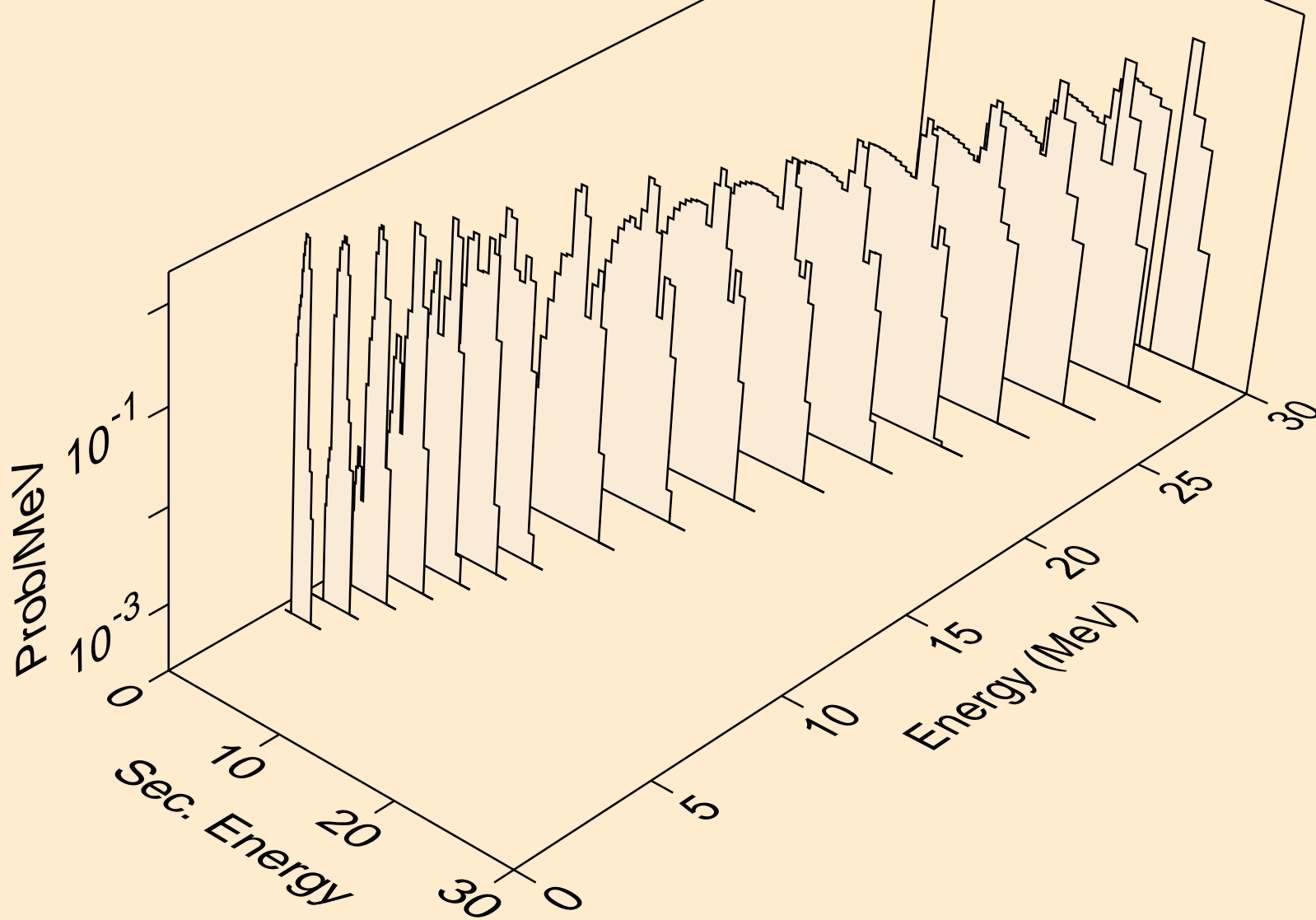




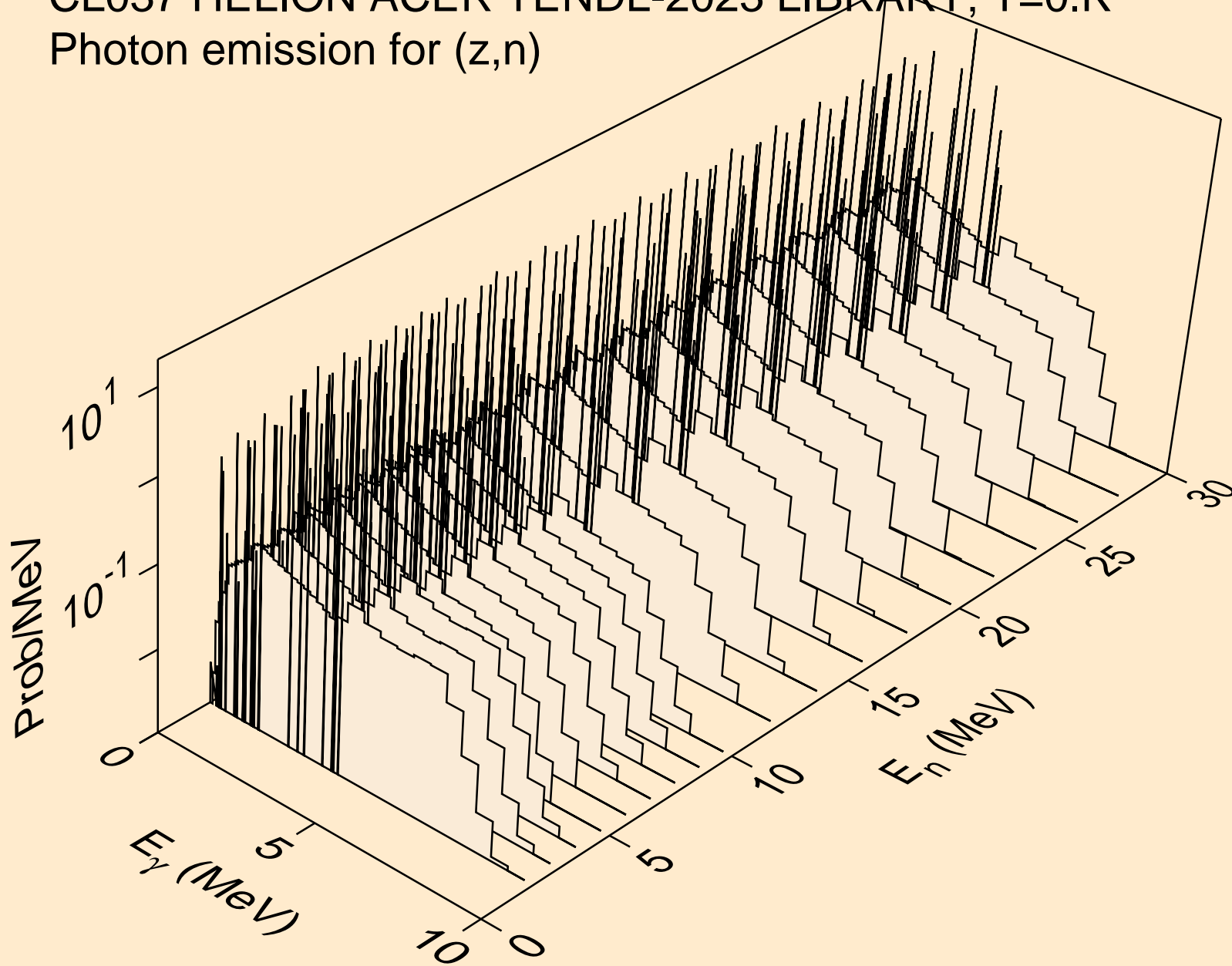
CL037 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3



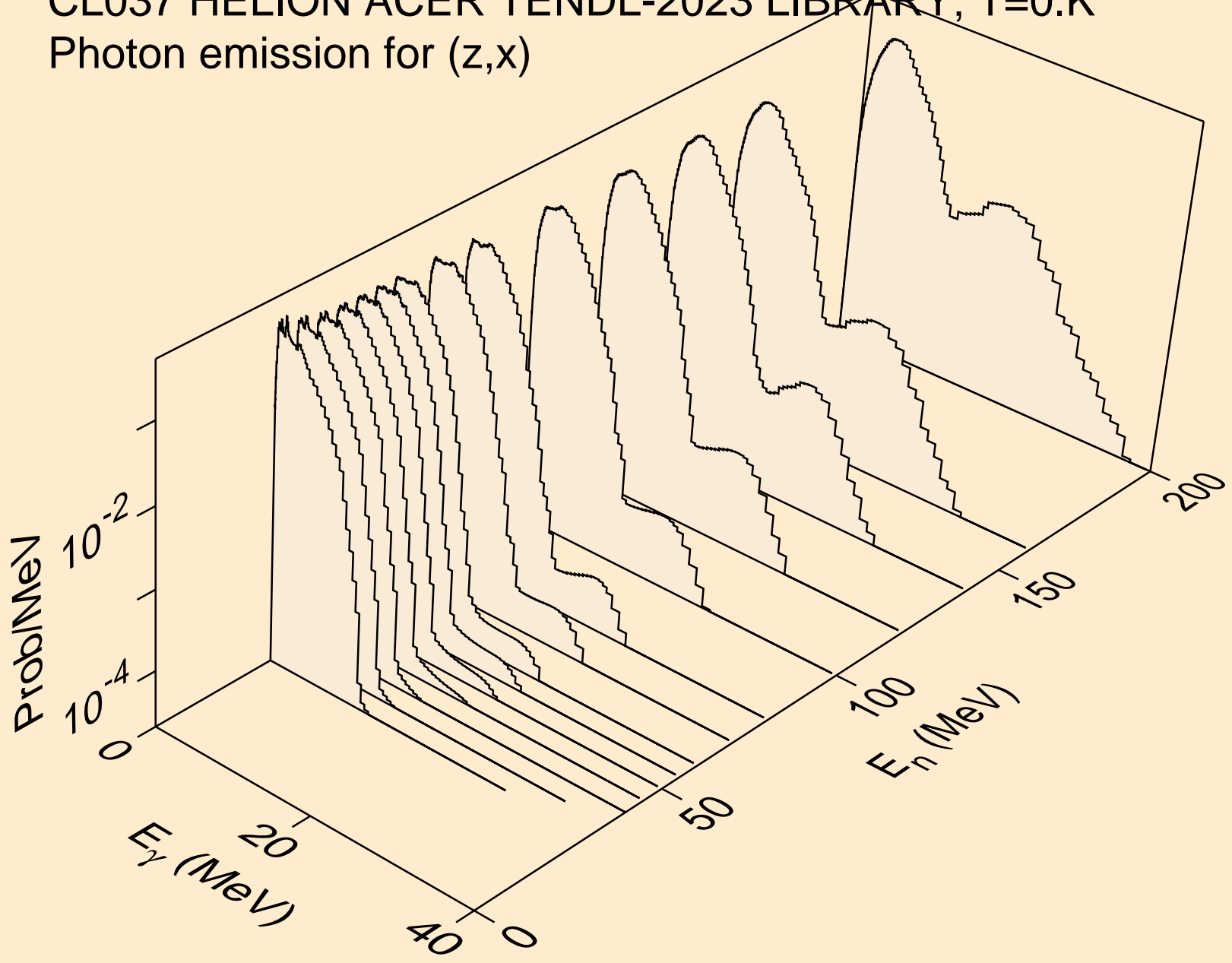
CL037 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for inelastic



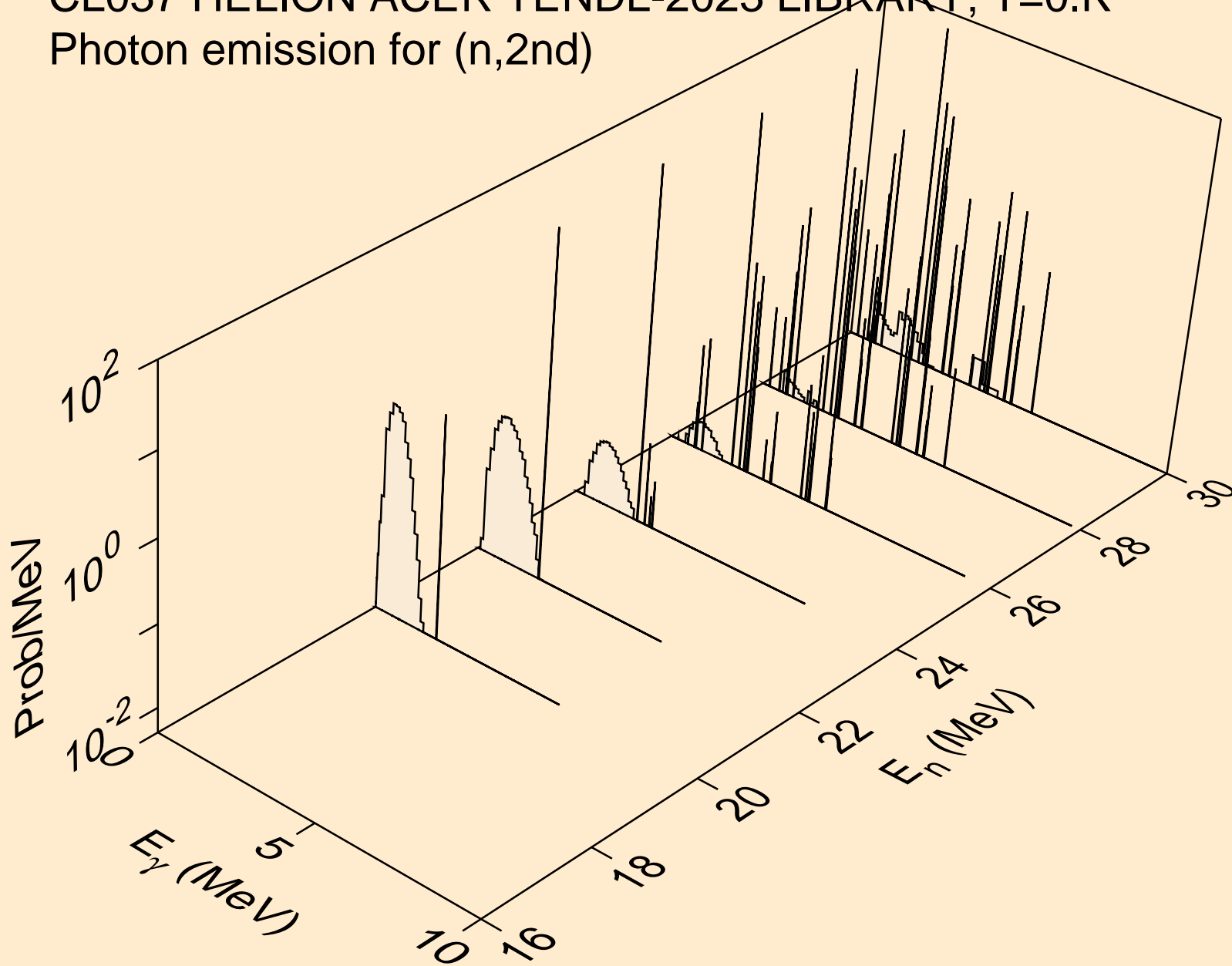
CL037 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



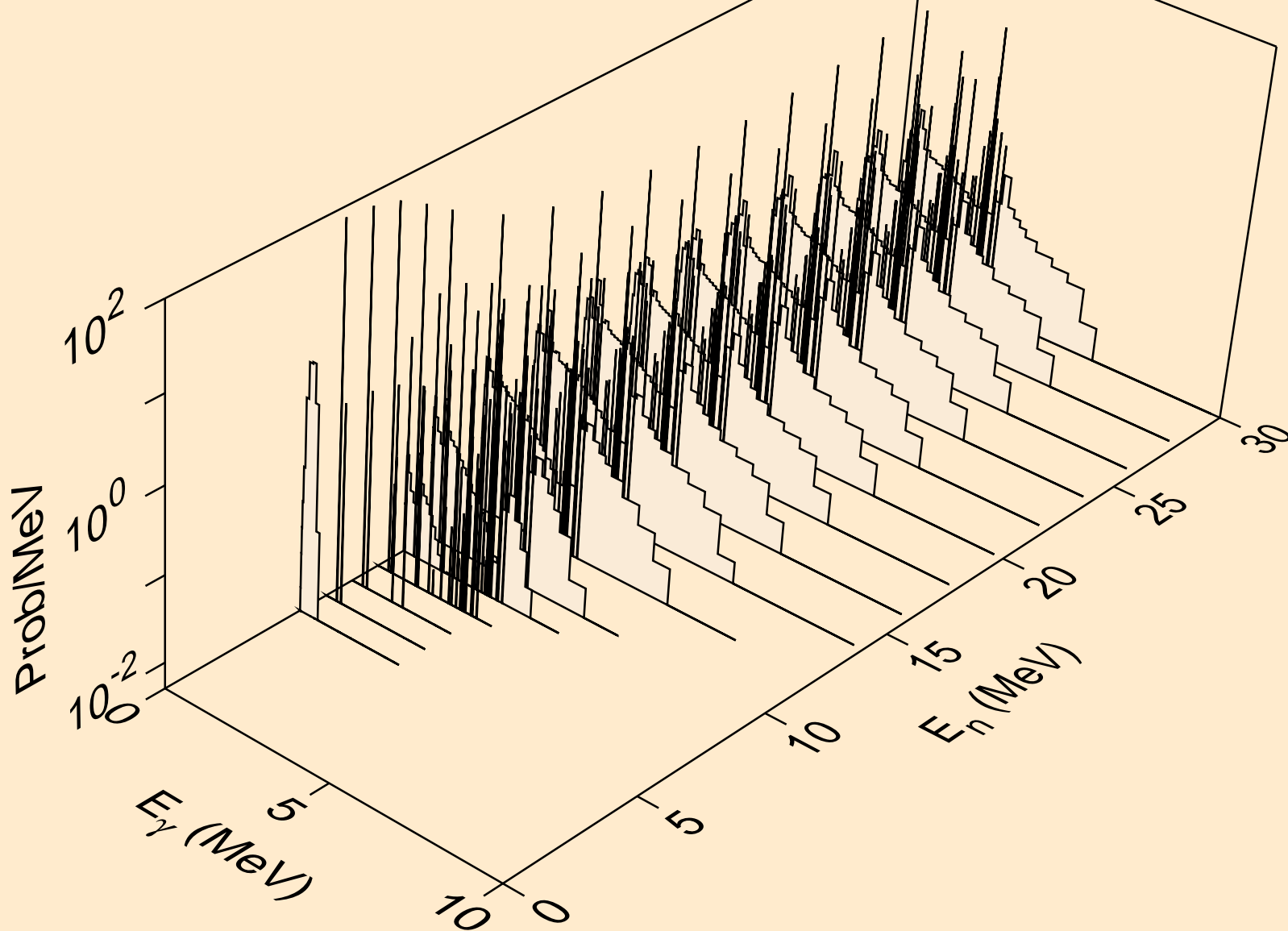
CL037 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



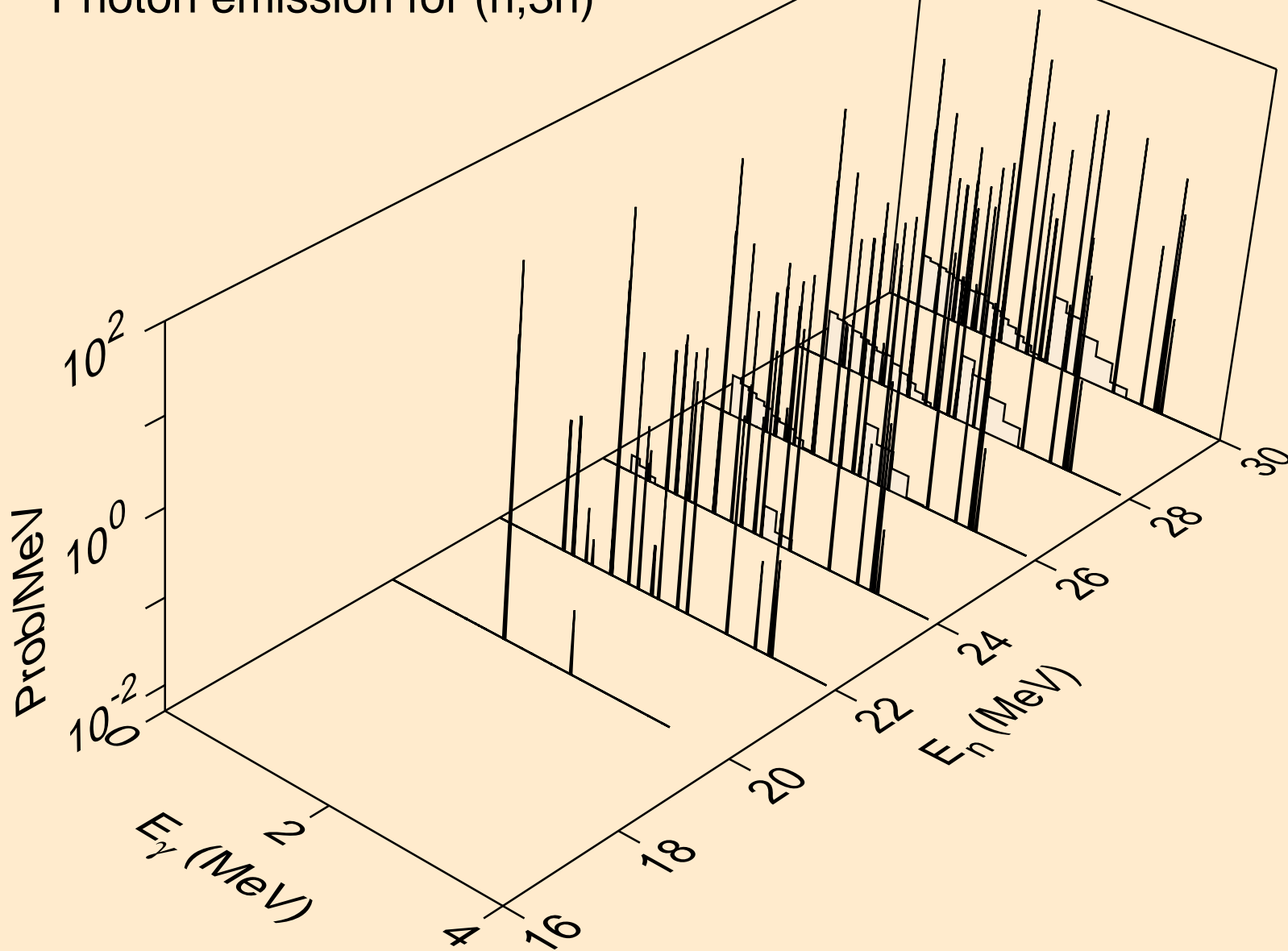
CL037 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



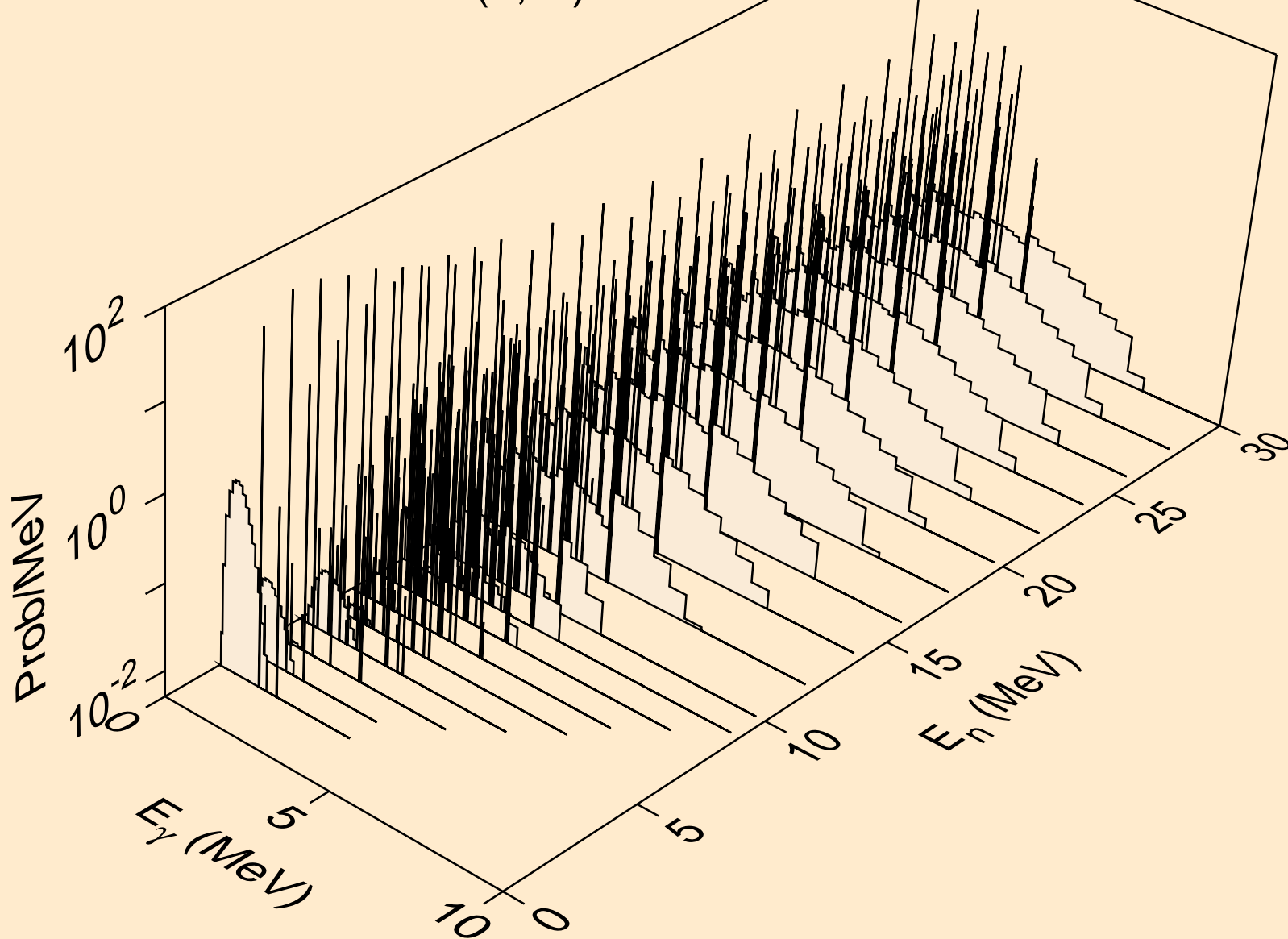
CL037 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



CL037 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)

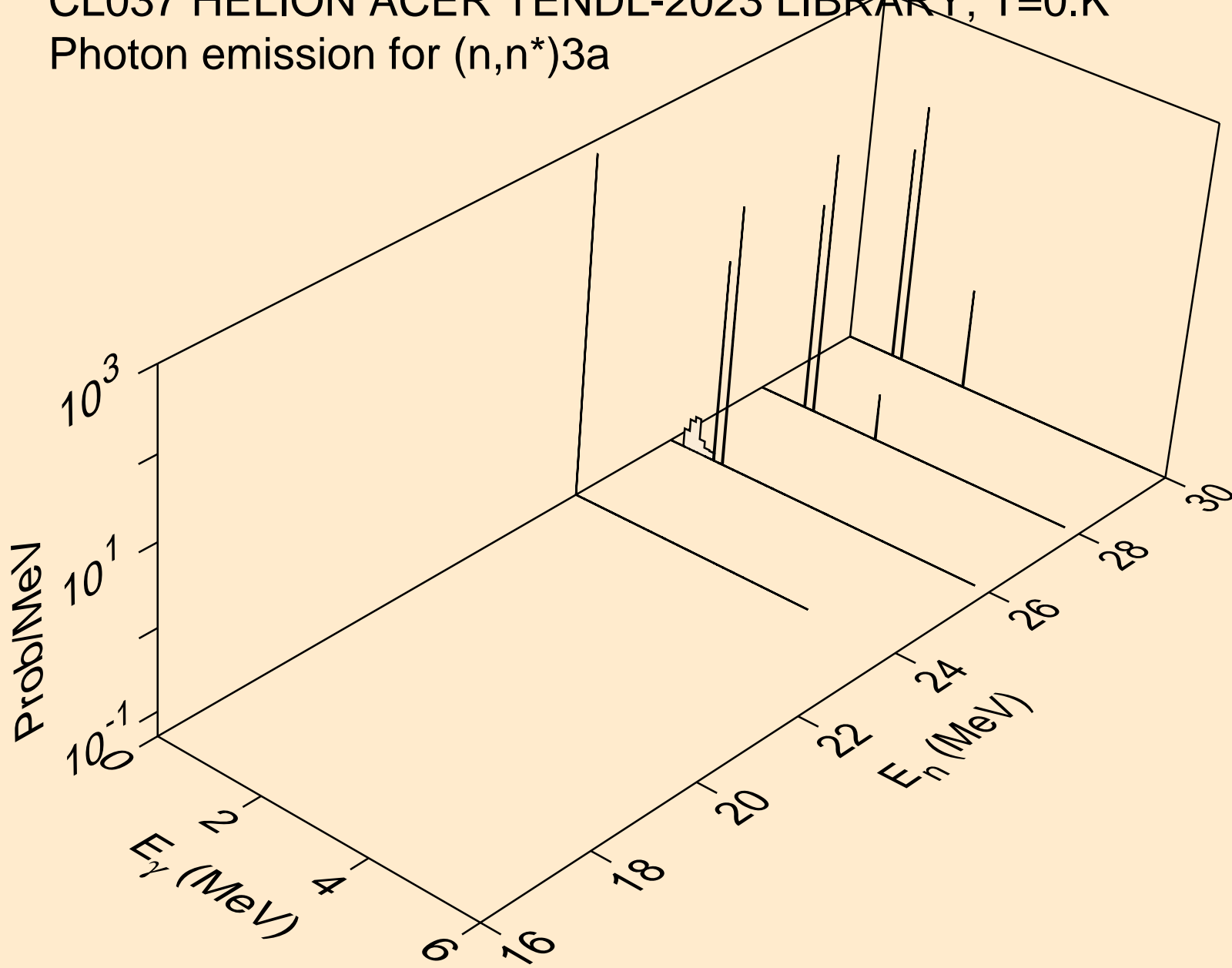


CL037 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

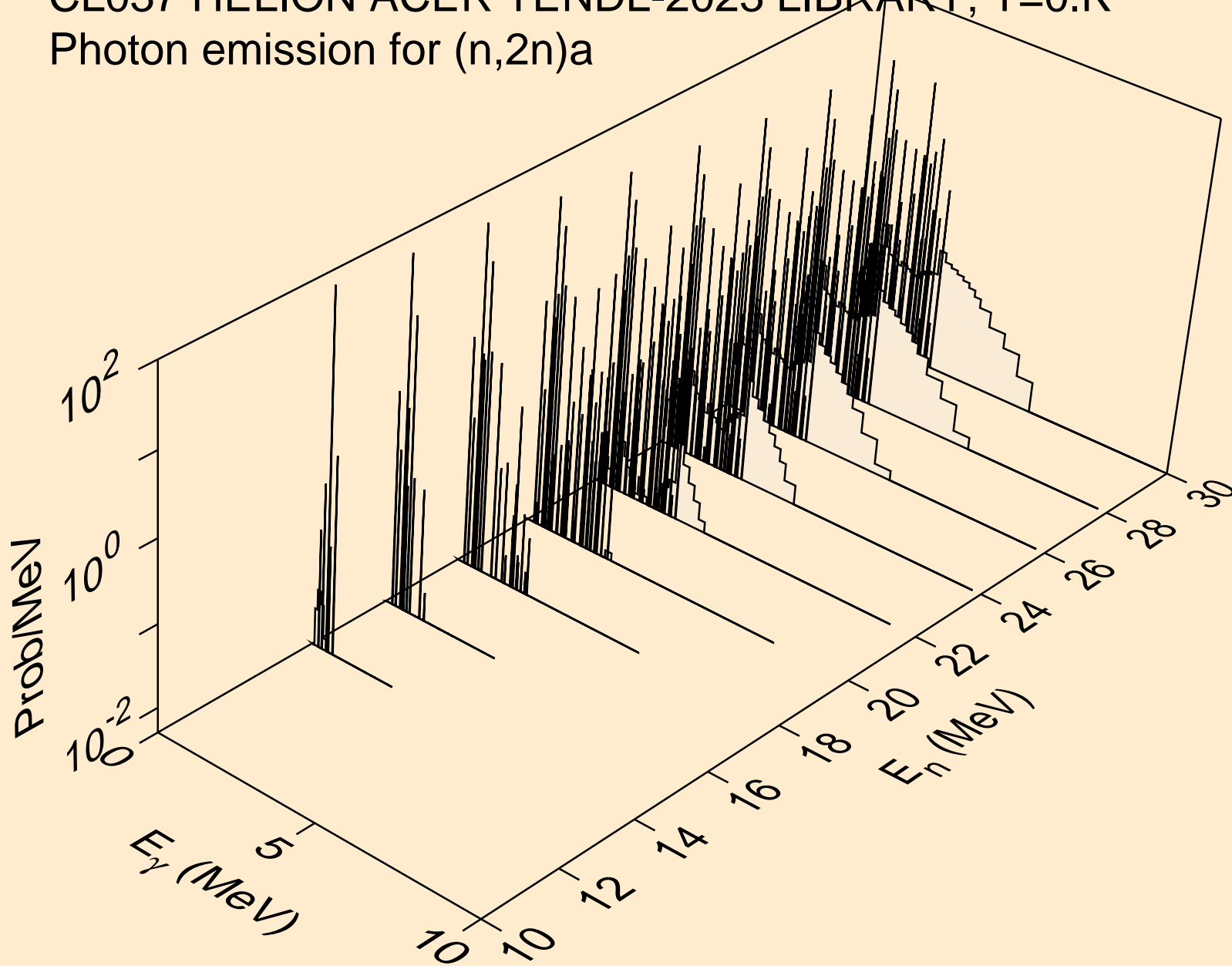




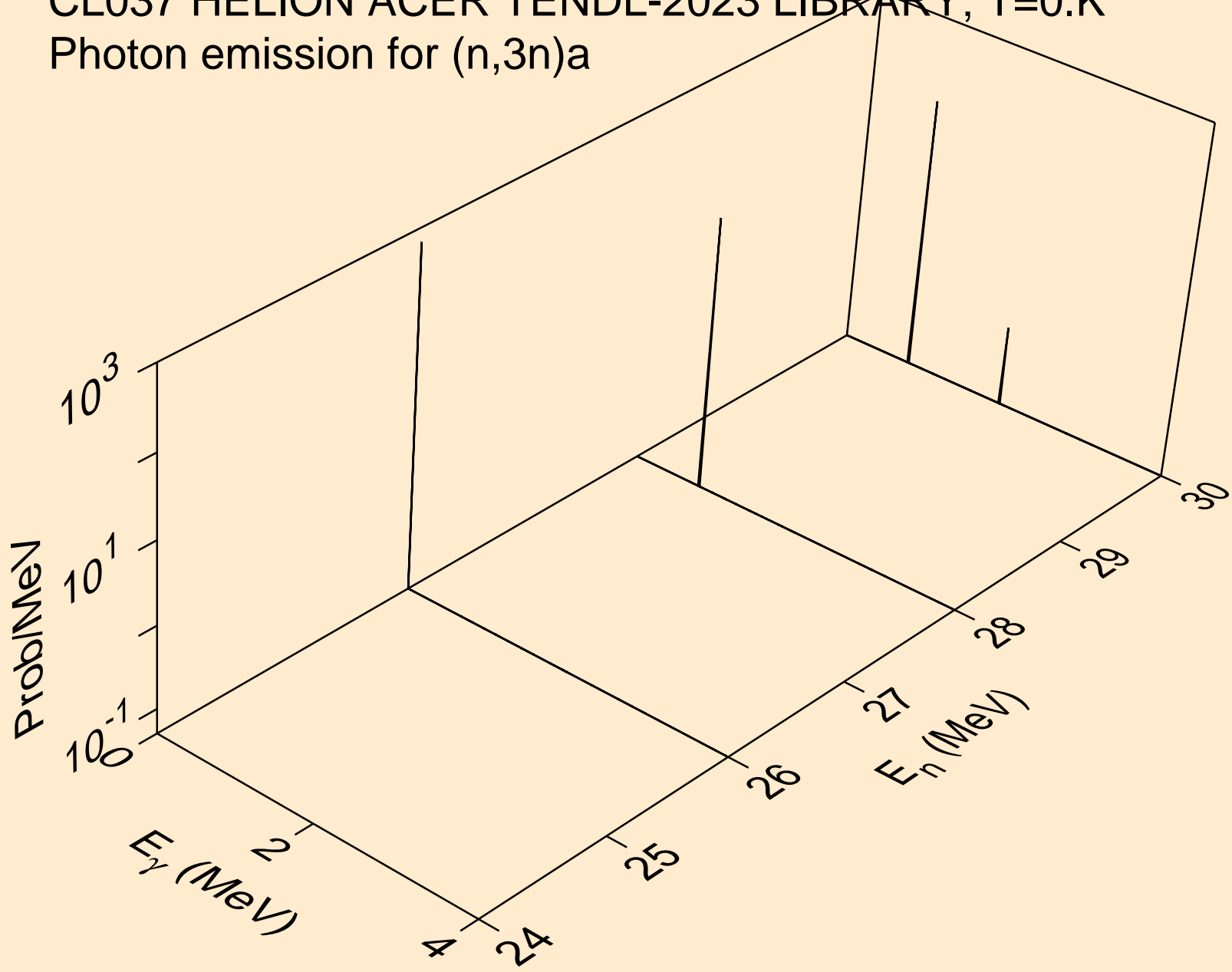
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Photon emission for (n,n\*)3a



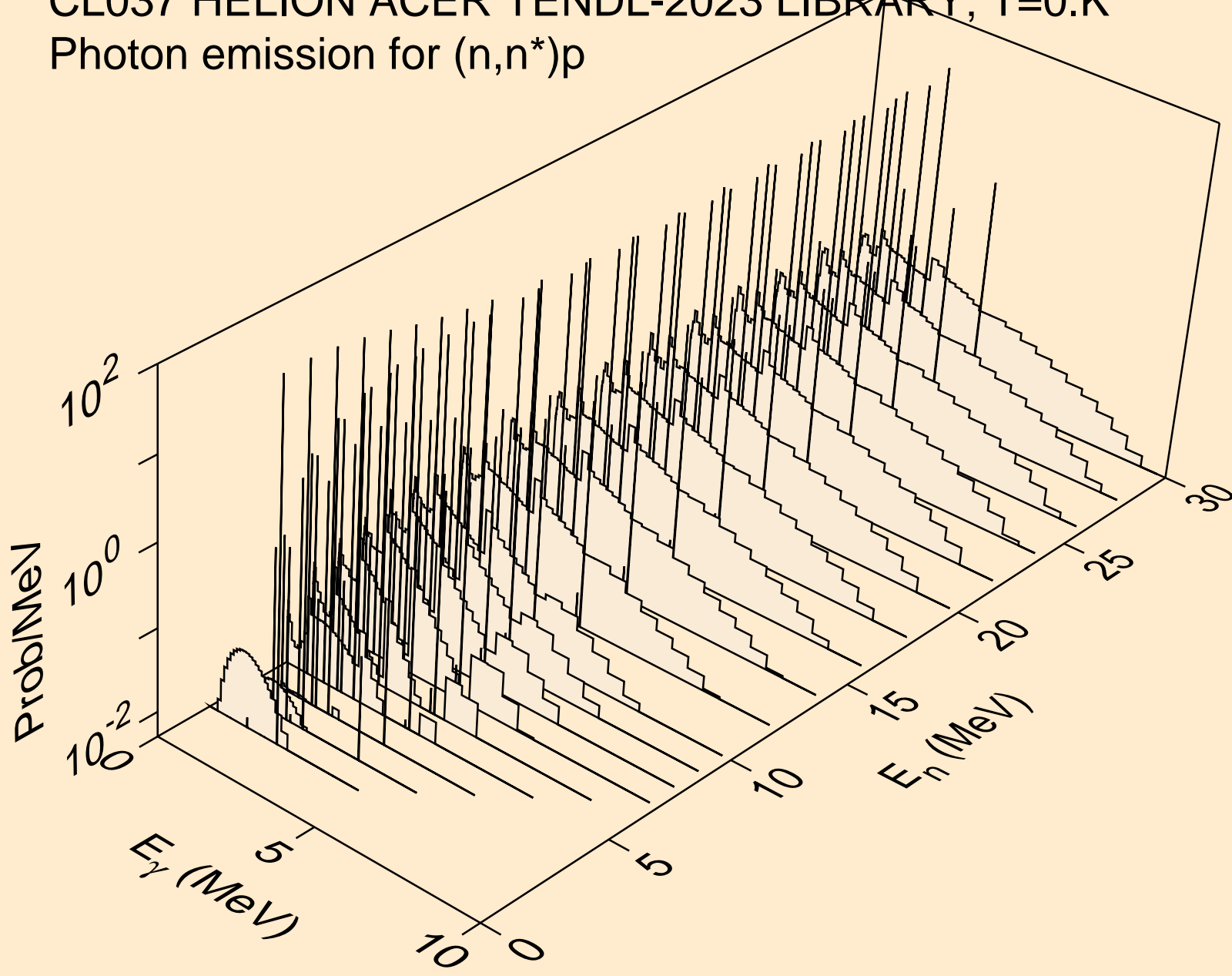
CL037 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



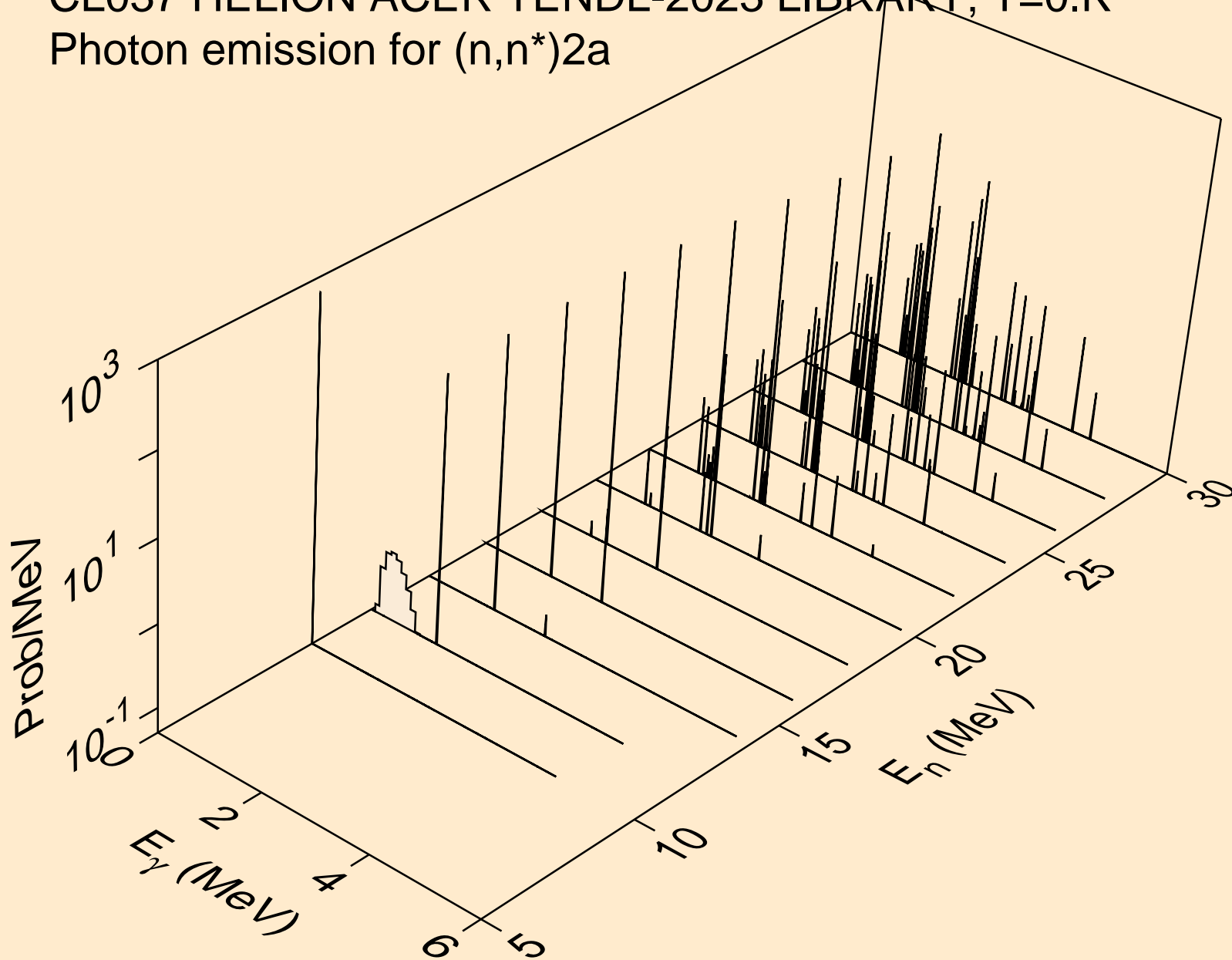
CL037 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



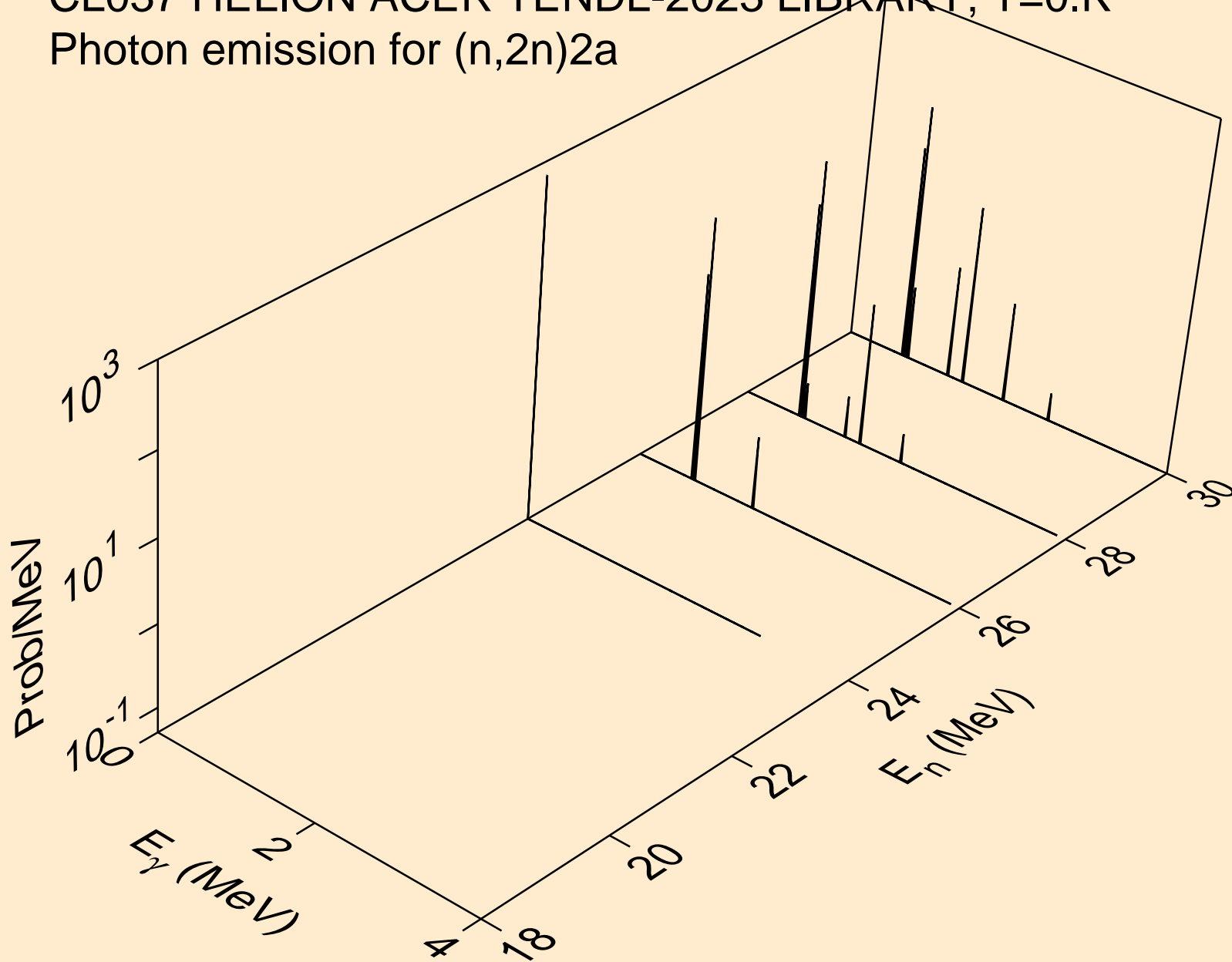
CL037 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



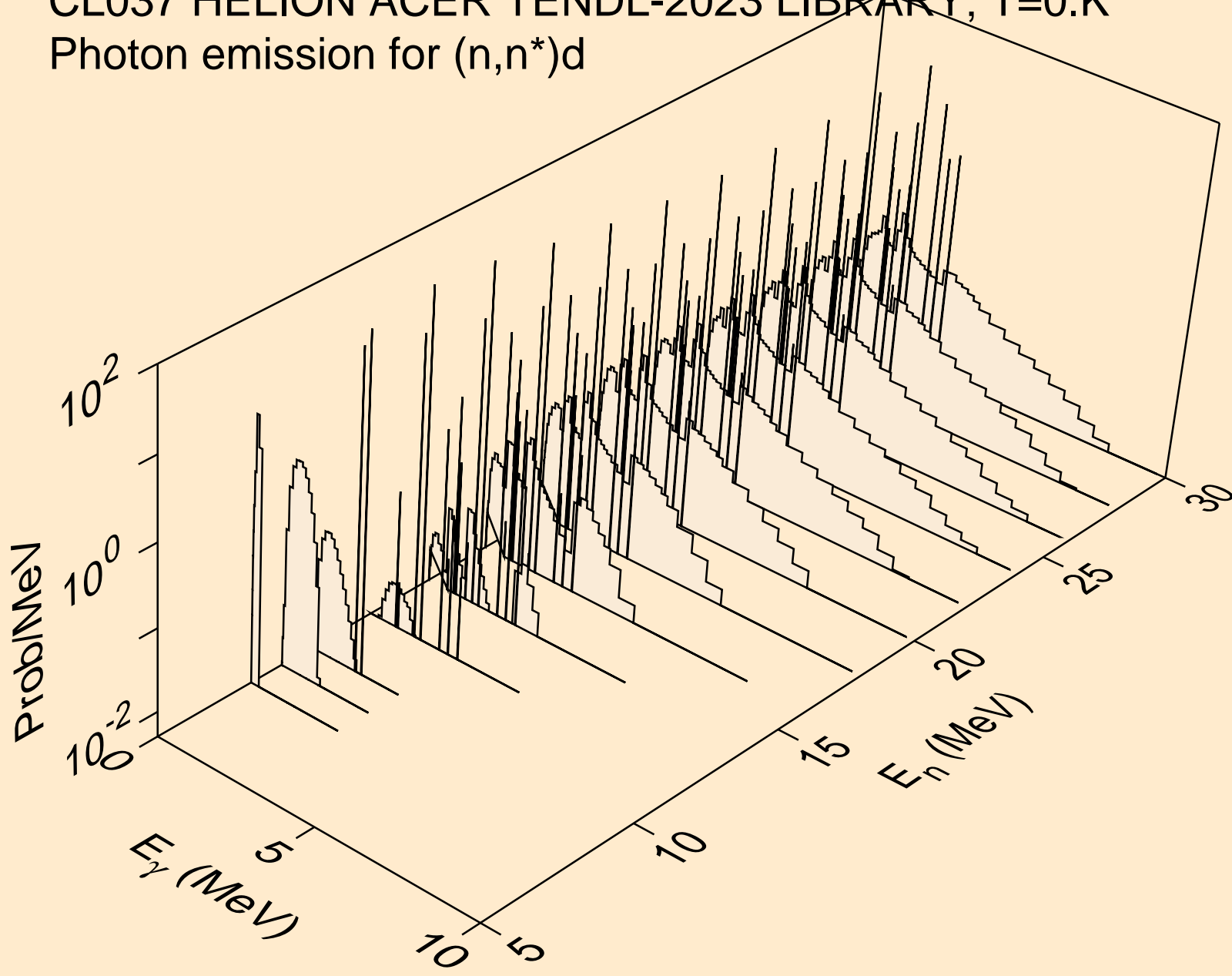
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Photon emission for (n,n\*)2a



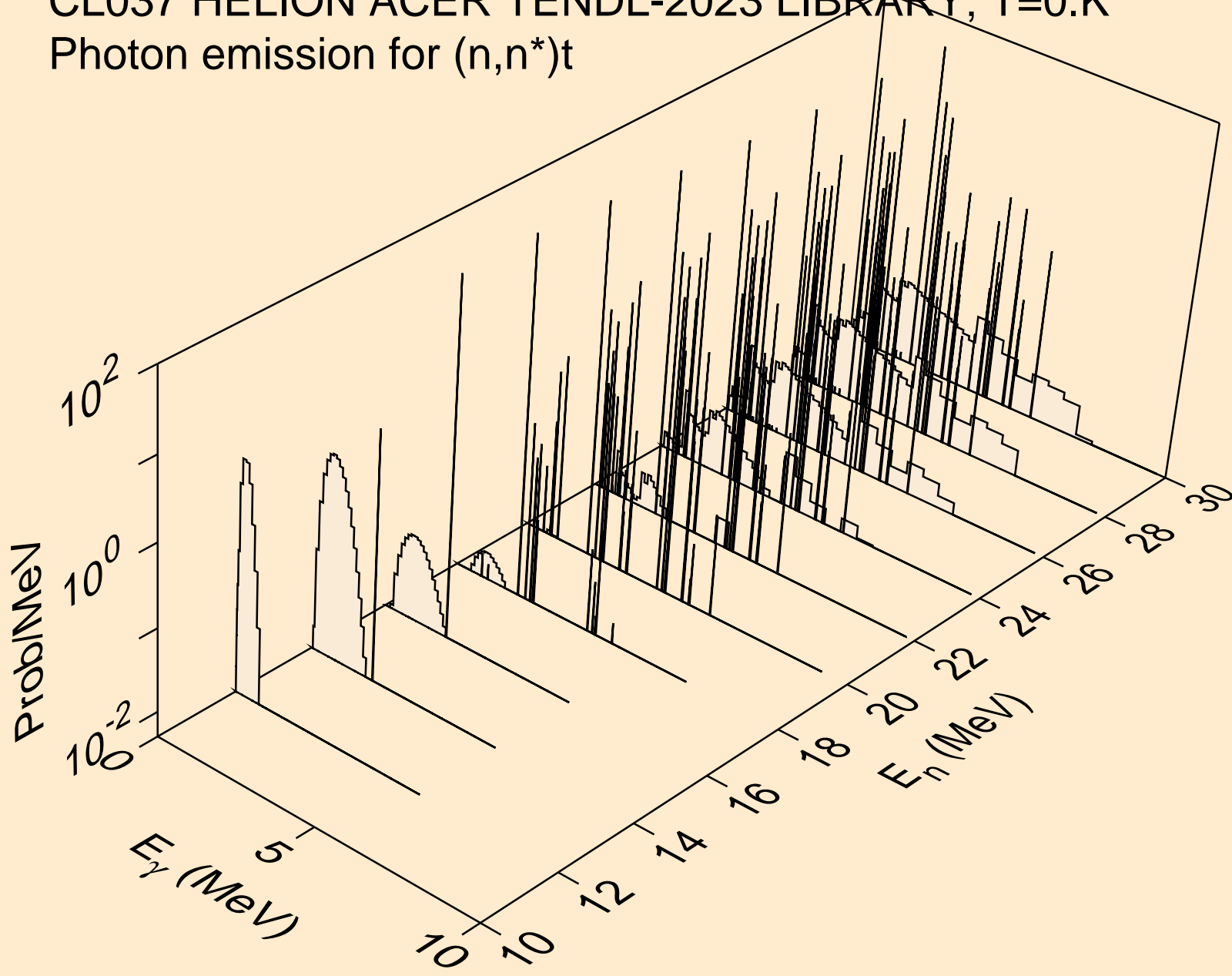
CL037 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)2a



CL037 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

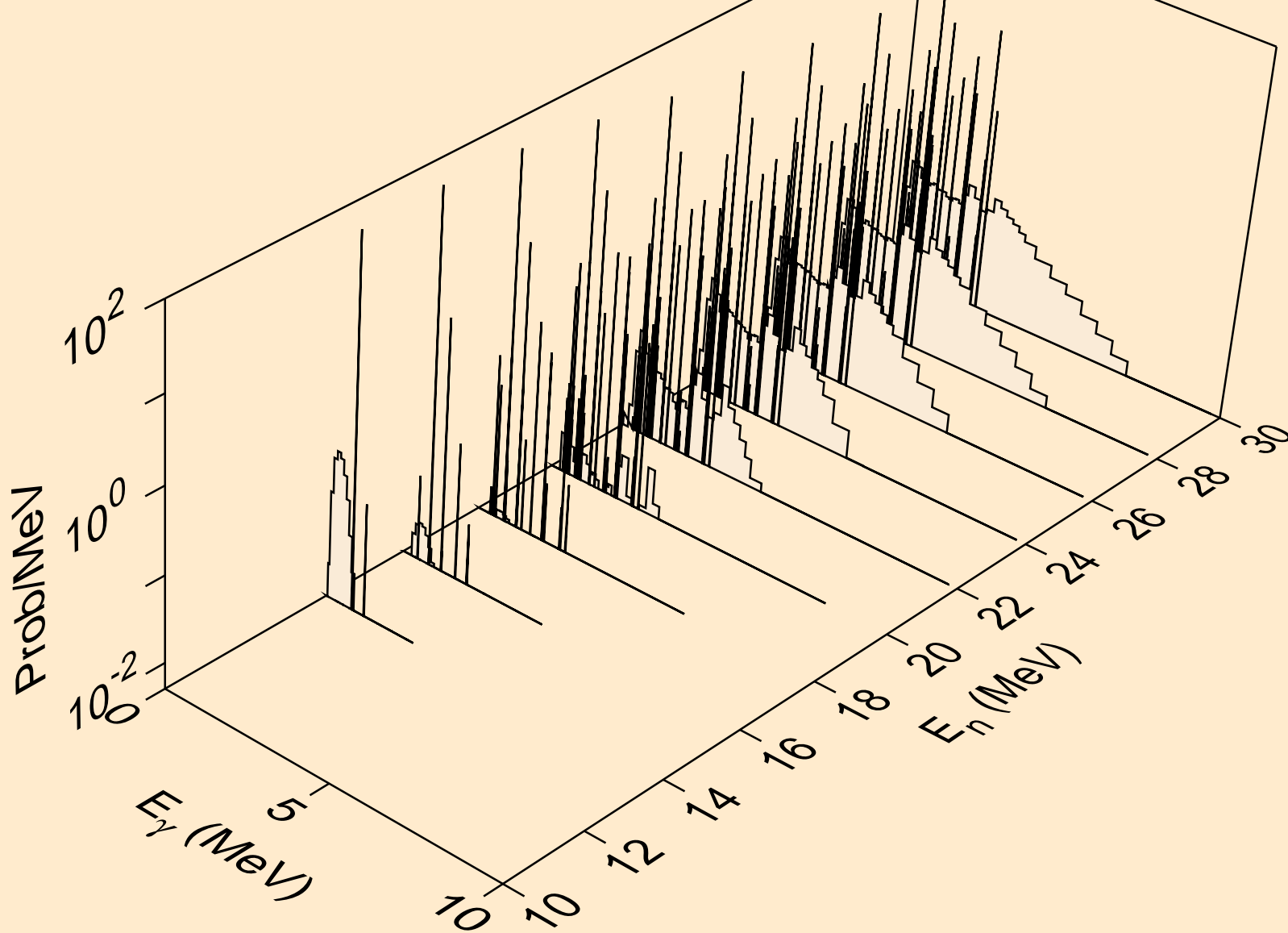


CL037 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

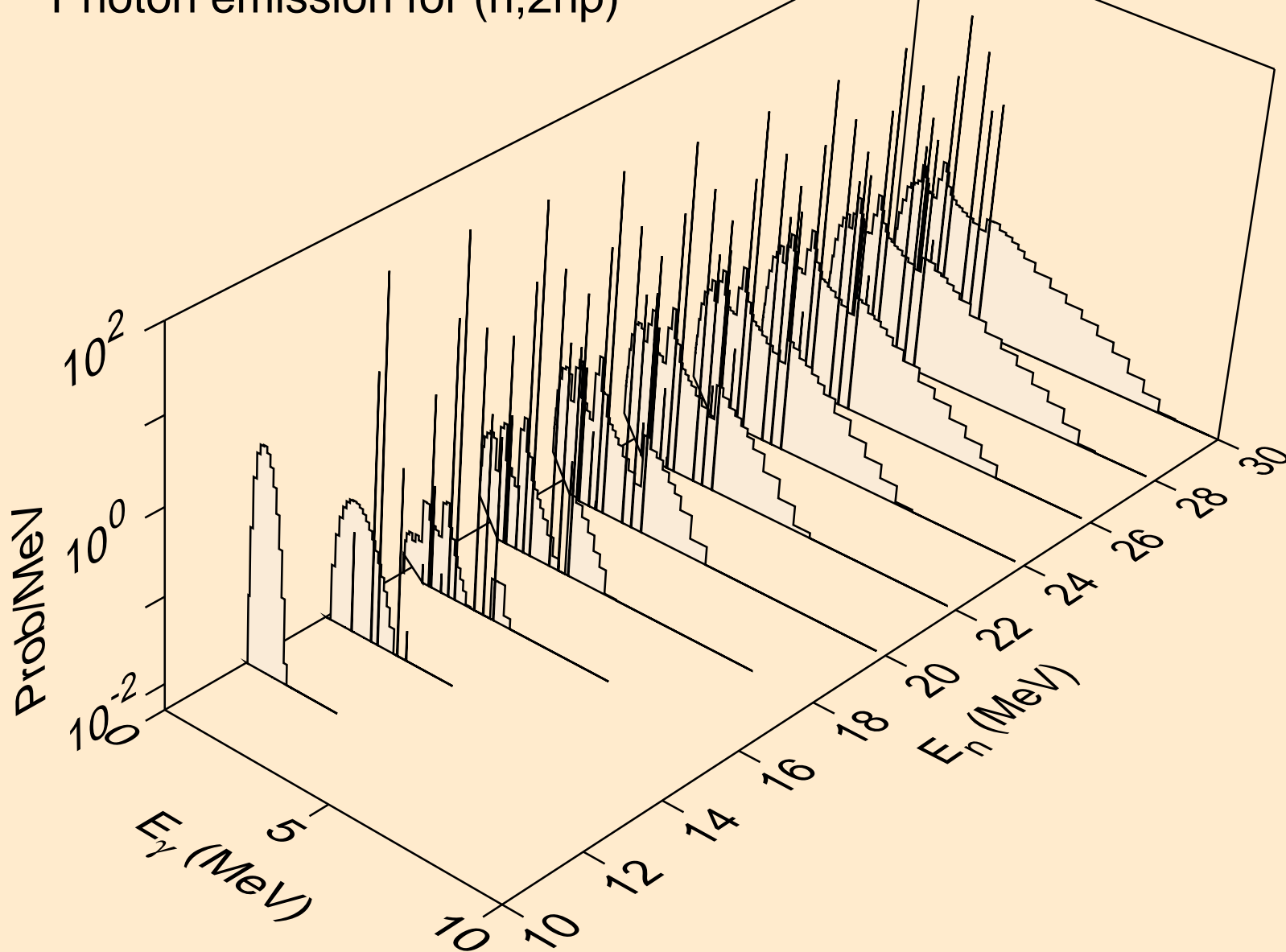




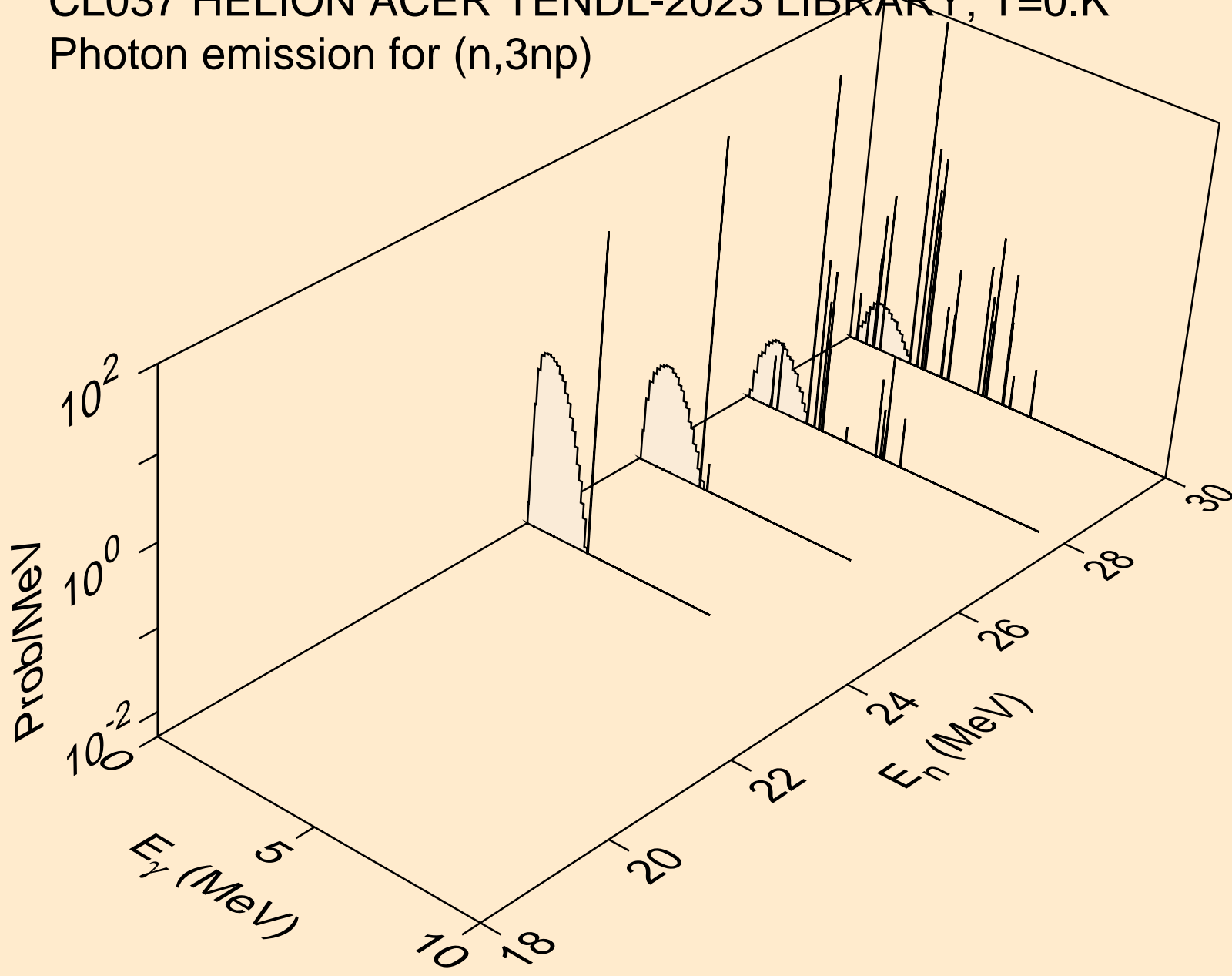
CL037 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



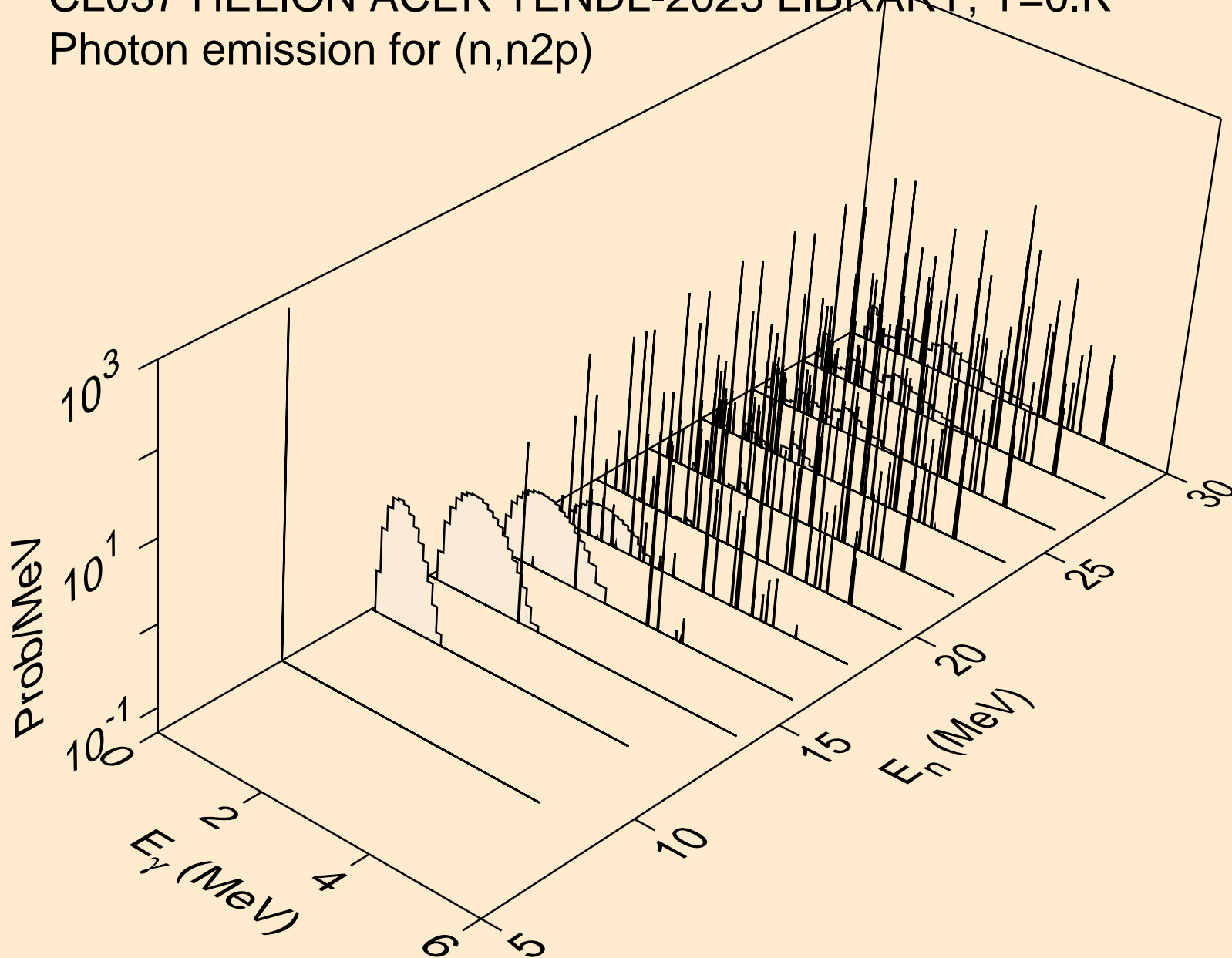
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Photon emission for (n,2np)



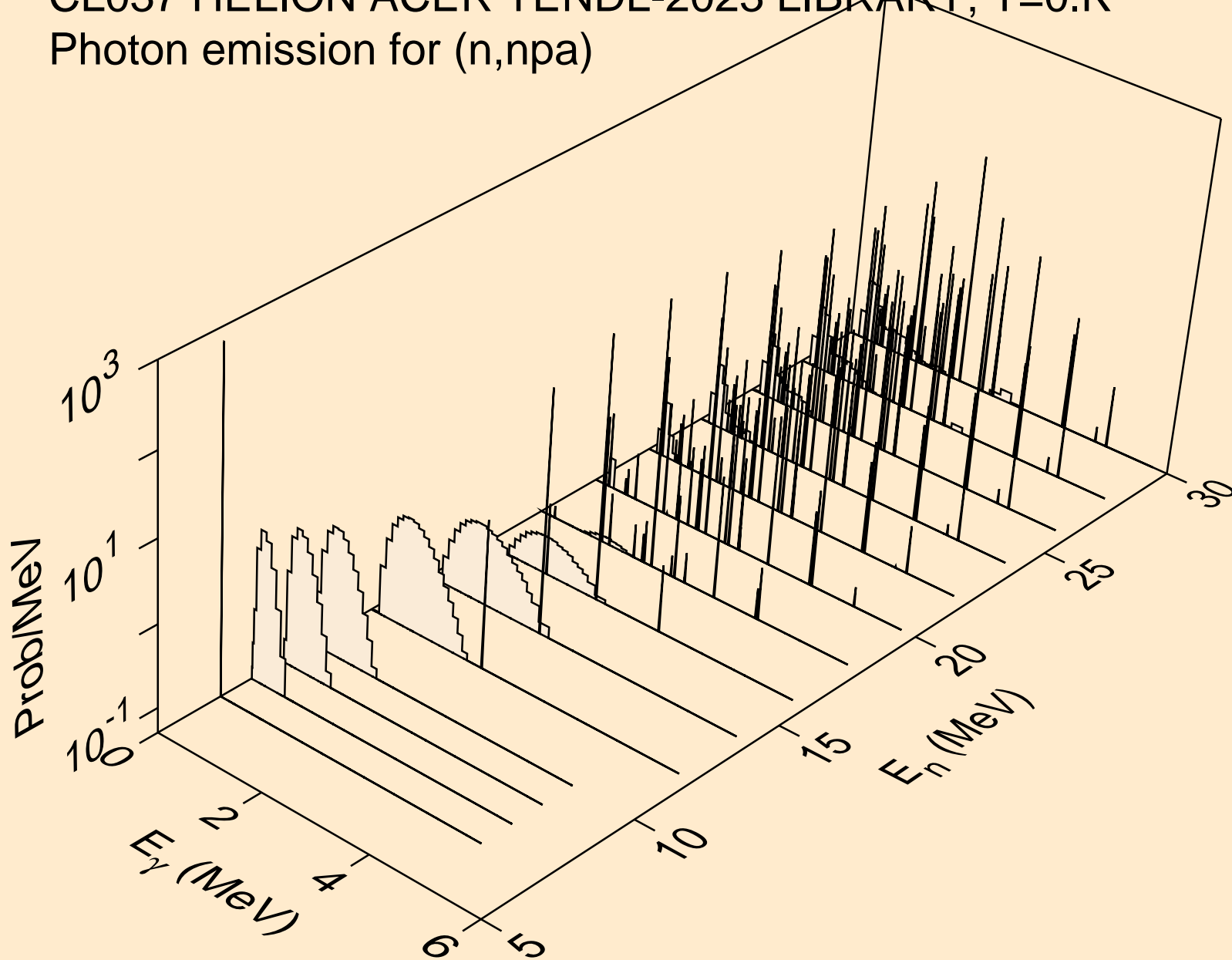
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Photon emission for (n,3np)



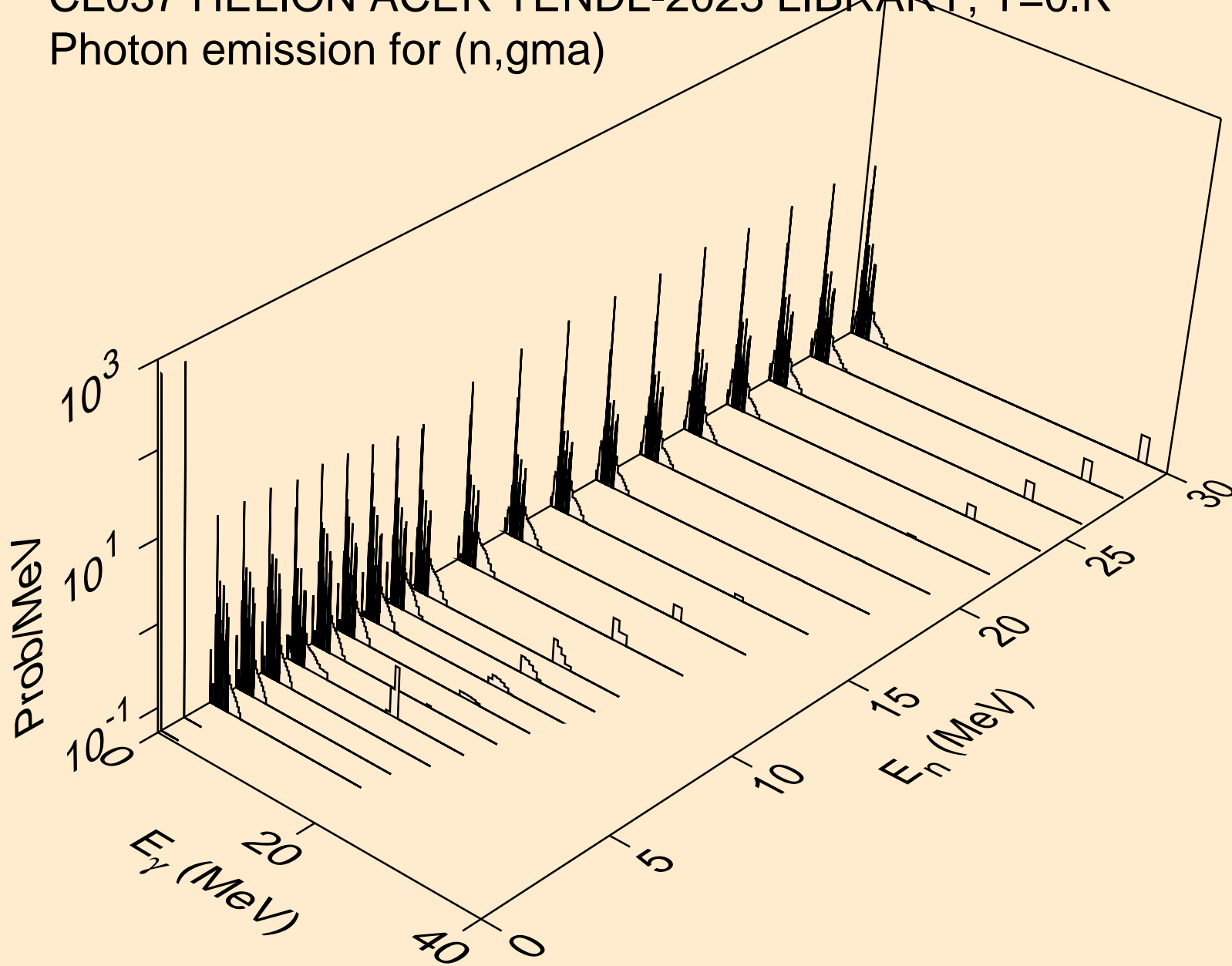
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Photon emission for (n,n2p)



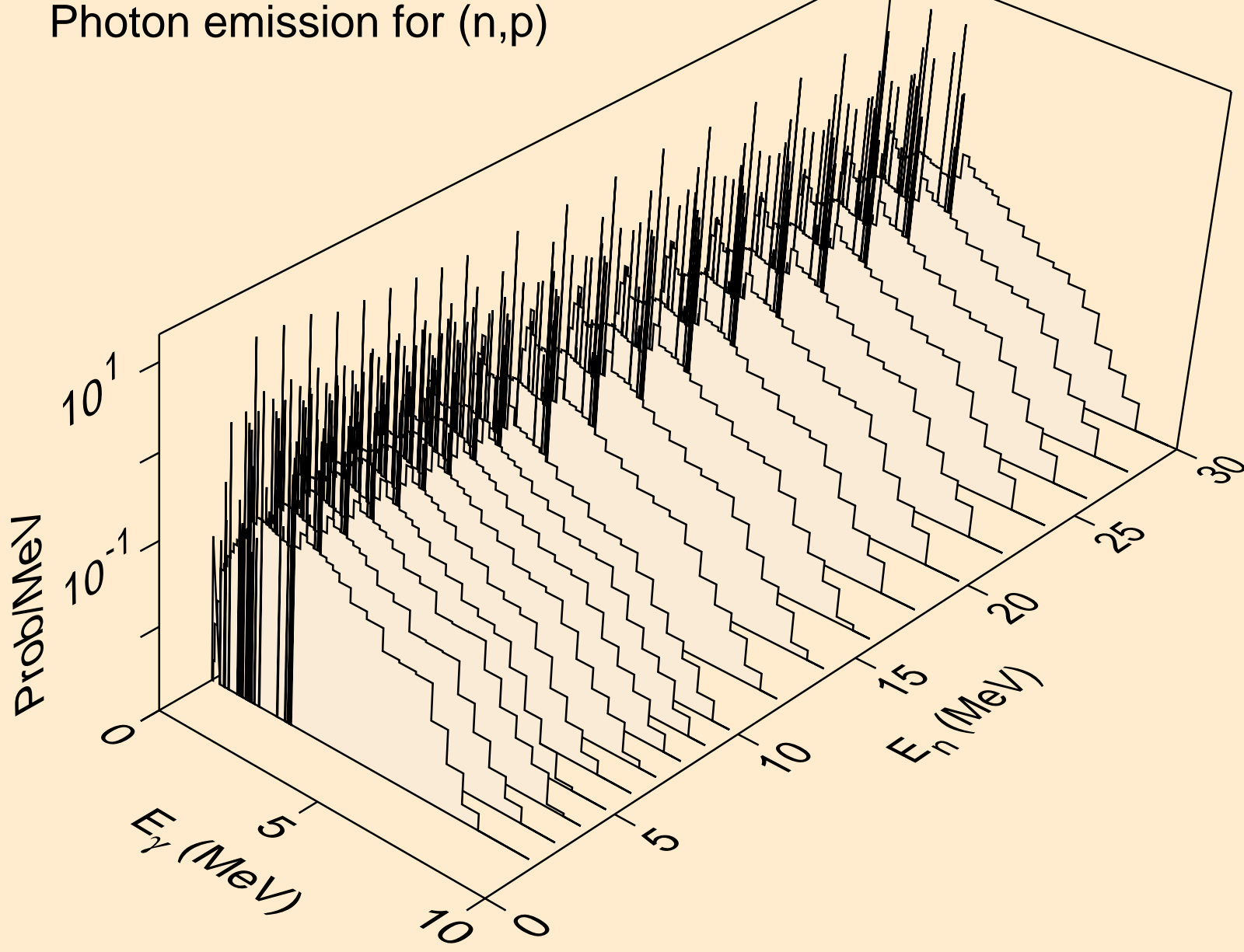
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Photon emission for (n,npa)



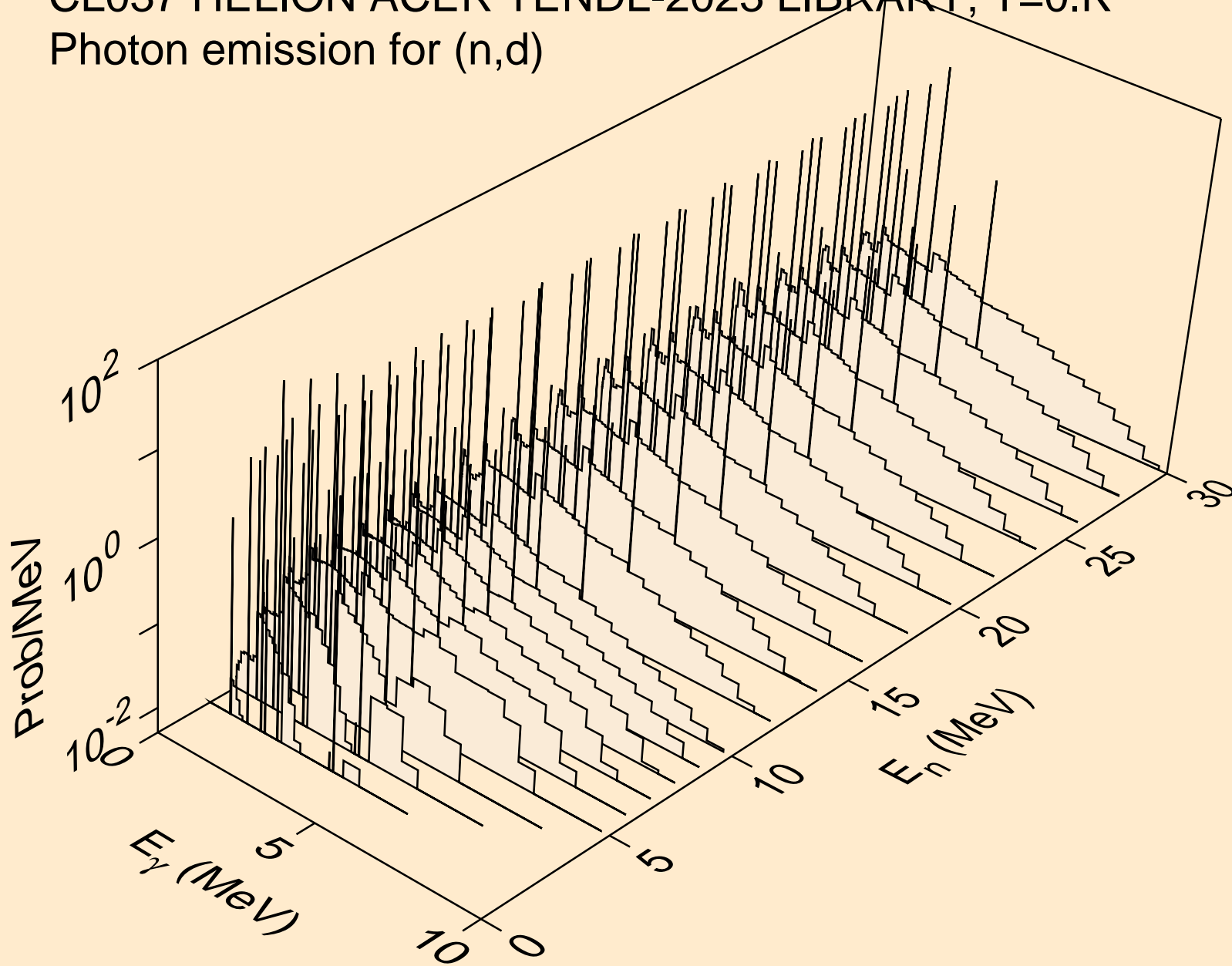
CL037 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



CL037 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)

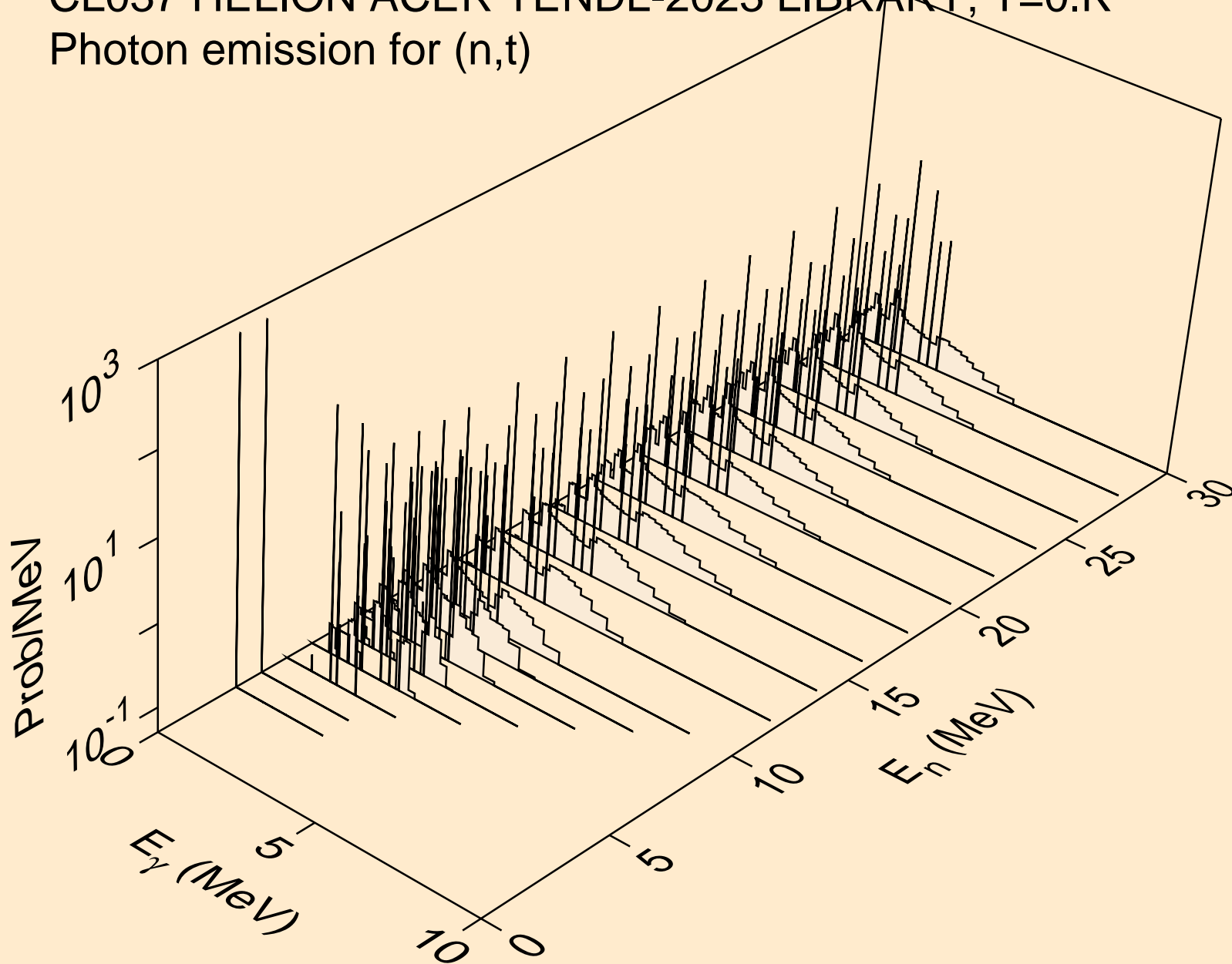


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Photon emission for (n,d)

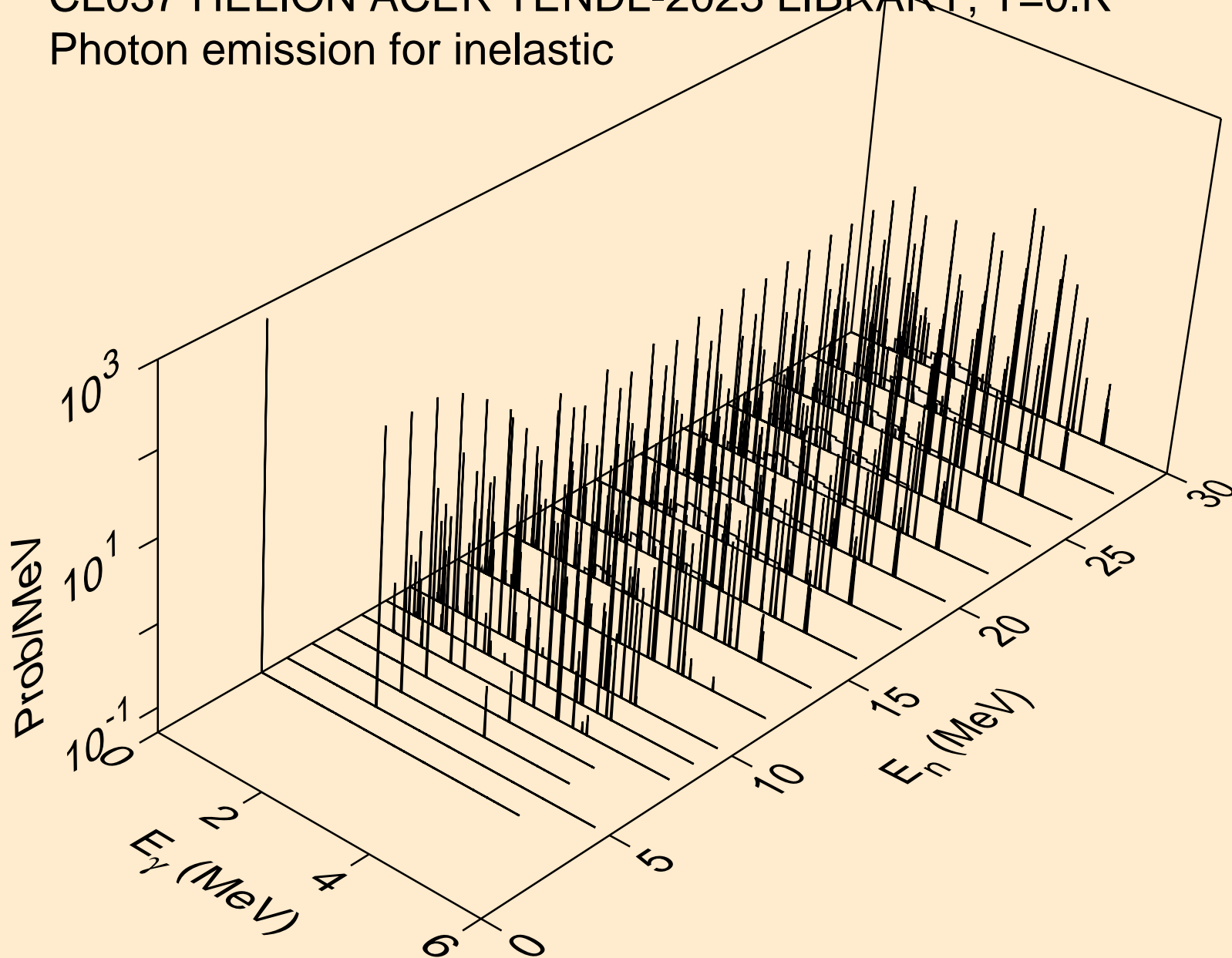




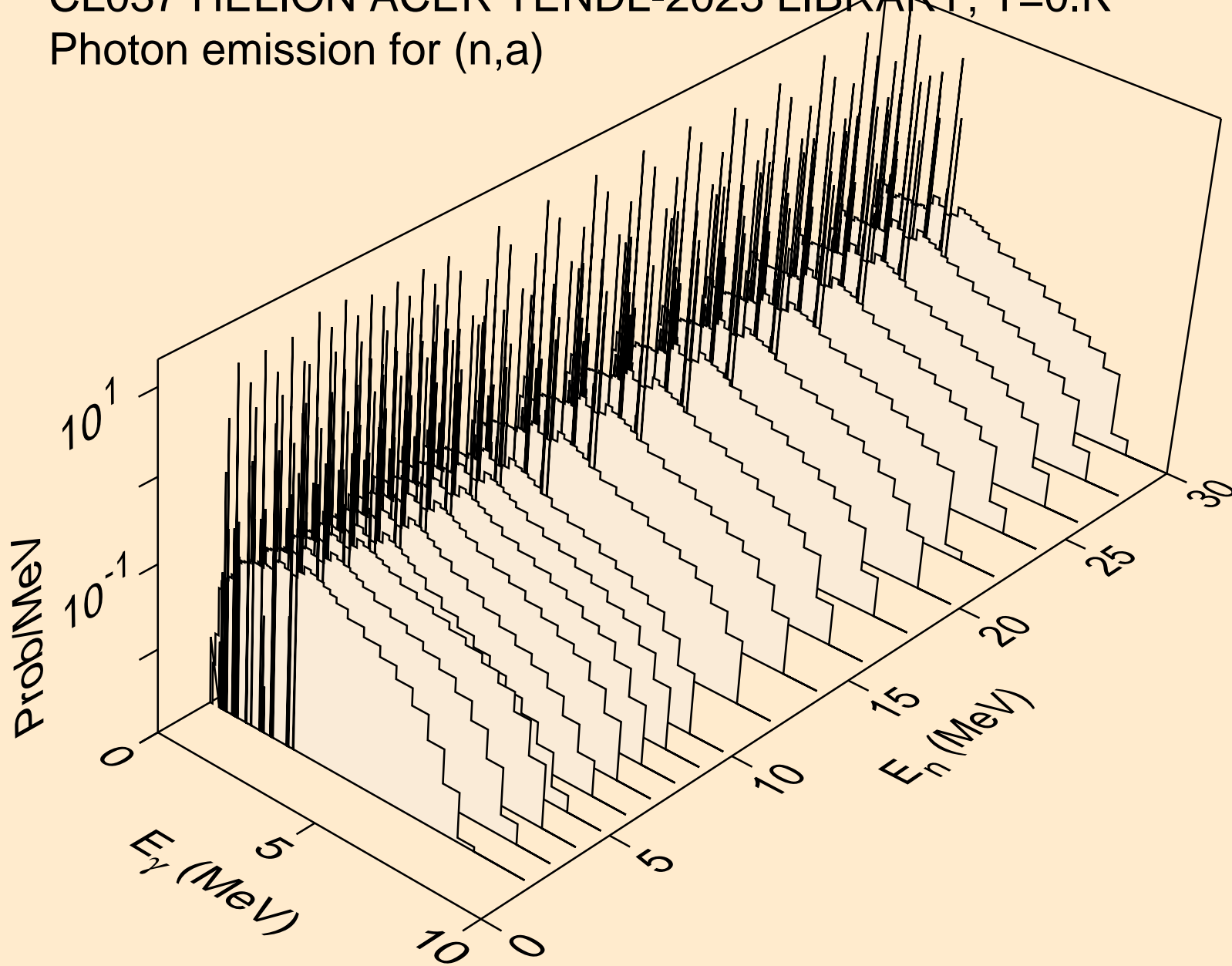
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Photon emission for (n,t)



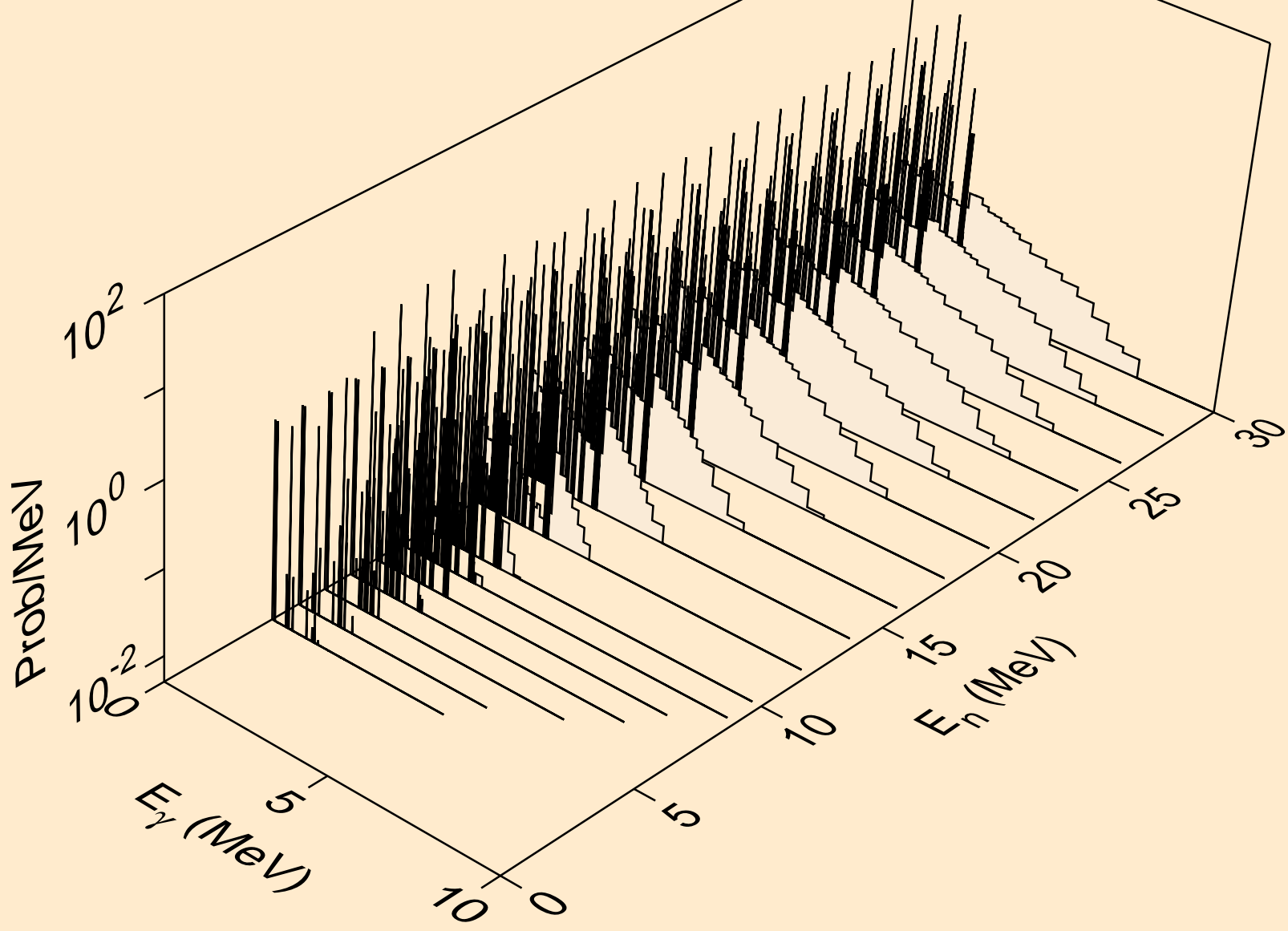
CL037 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



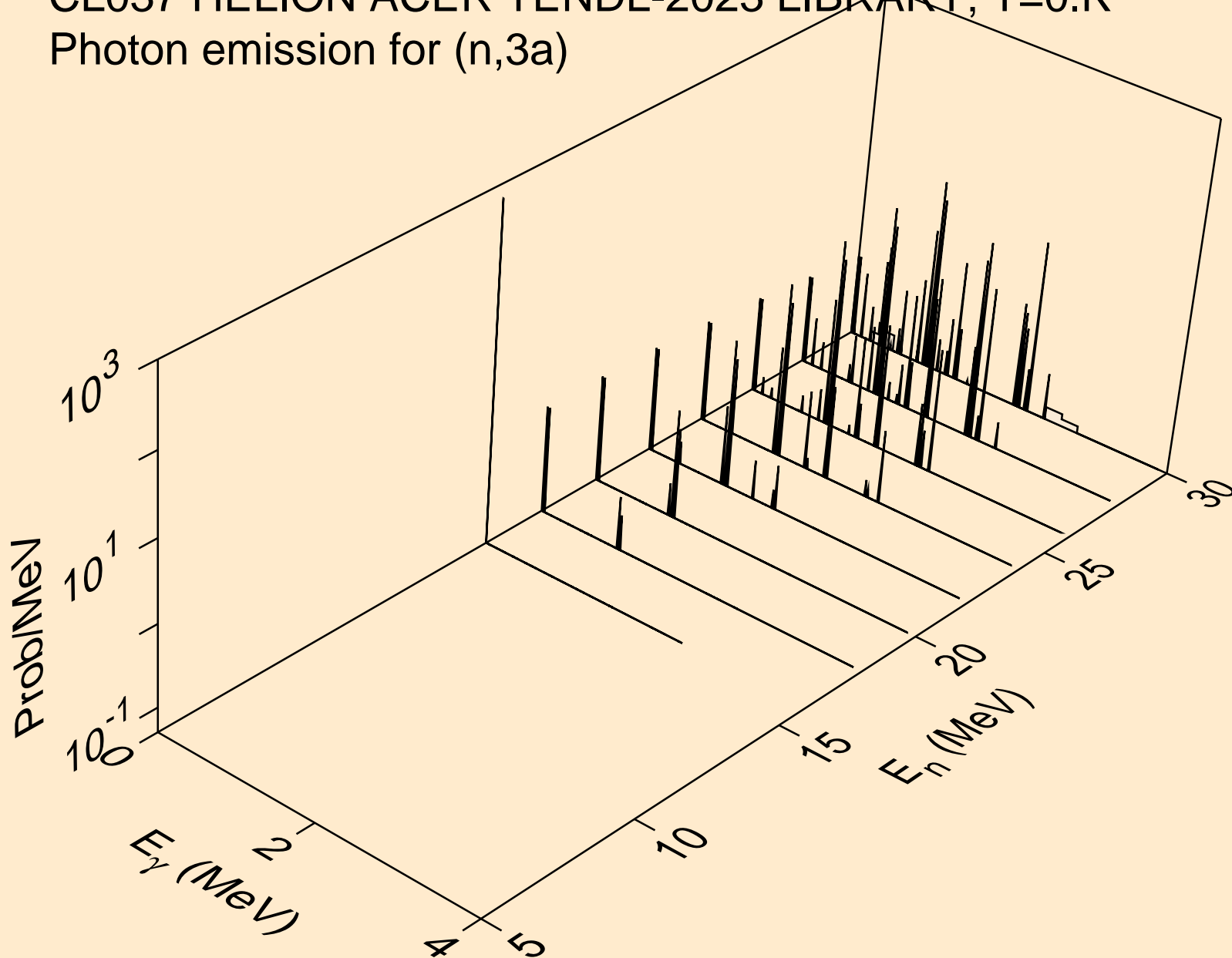
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Photon emission for (n,a)



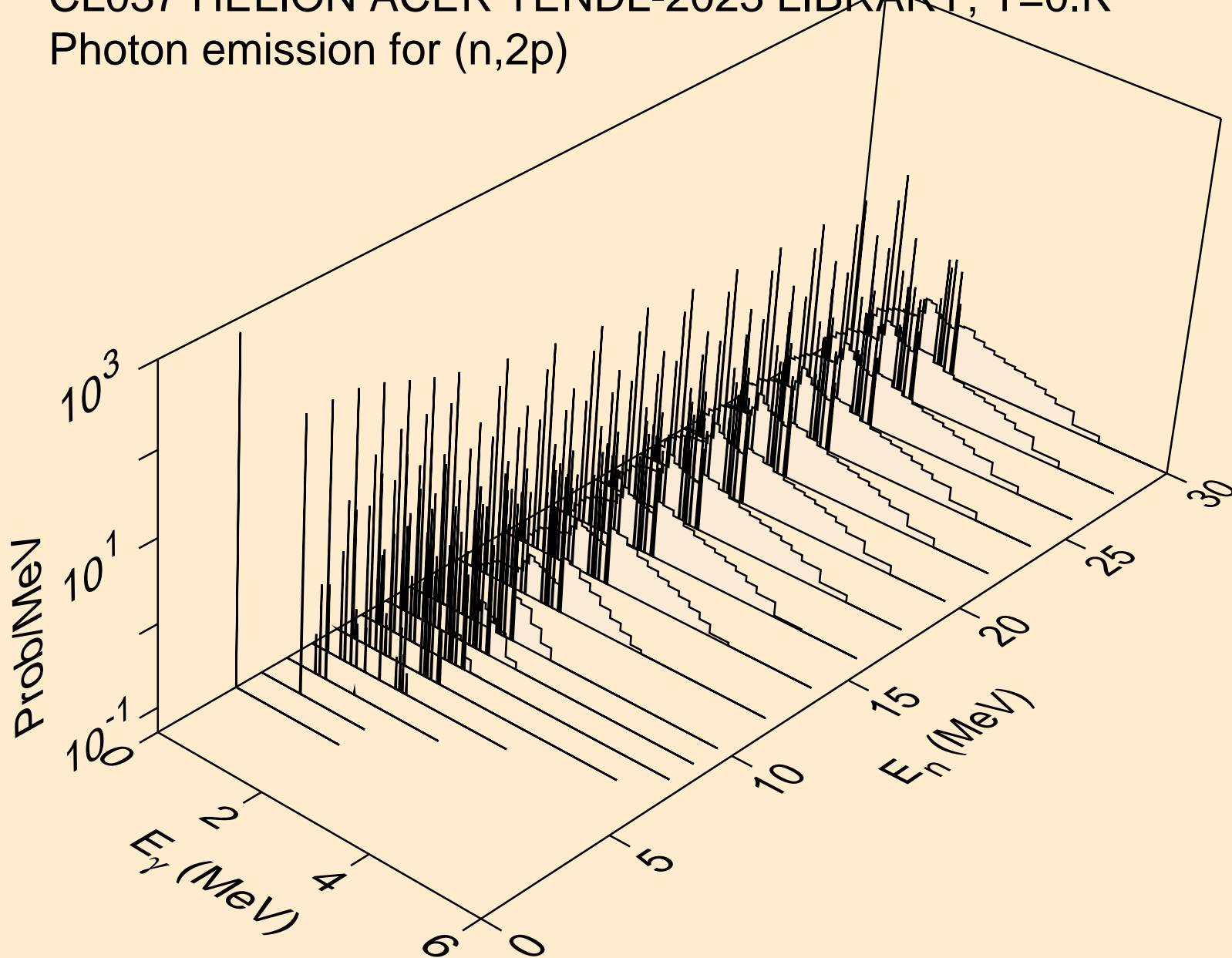
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Photon emission for (n,2a)



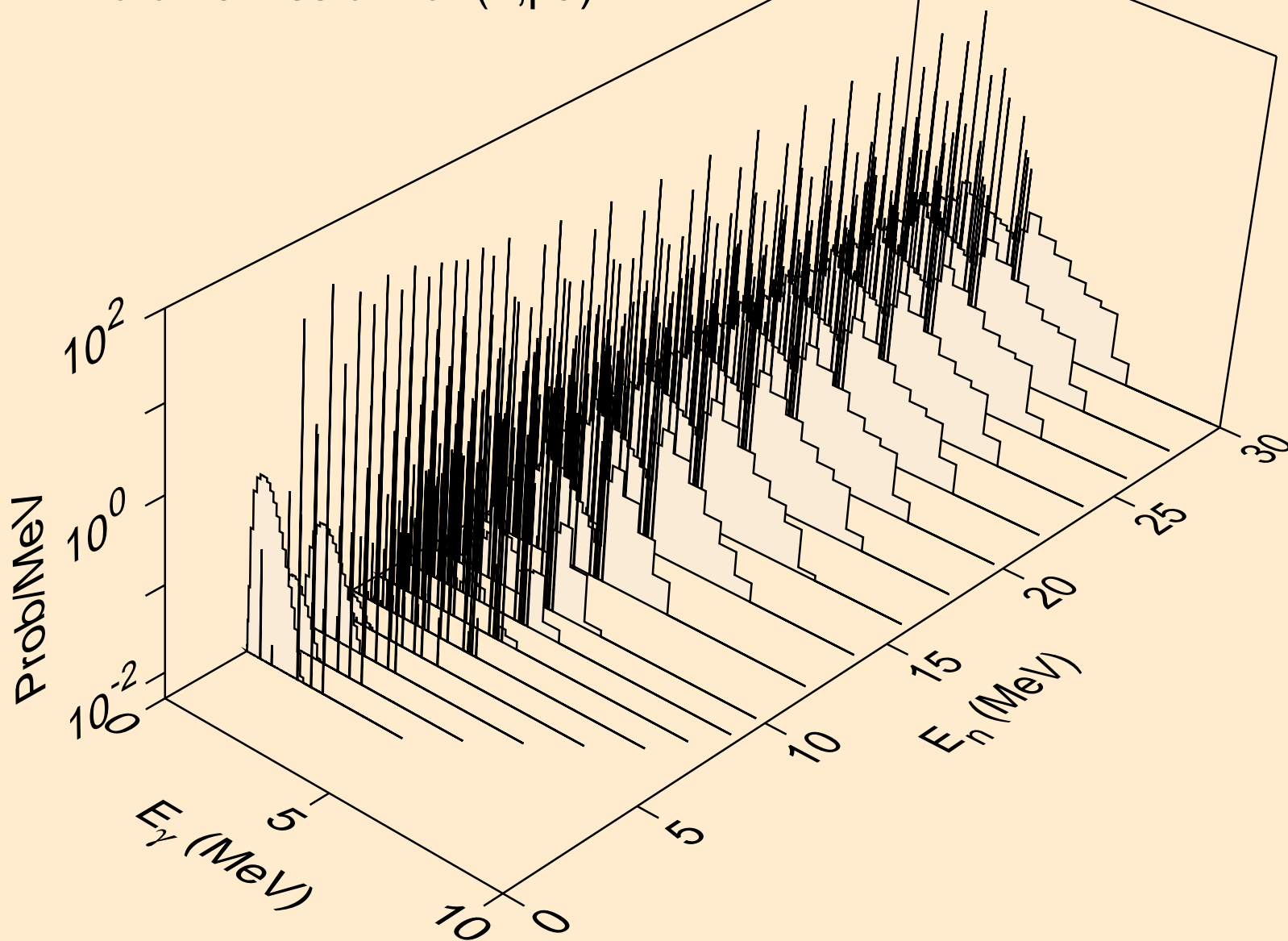
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Photon emission for (n,3a)



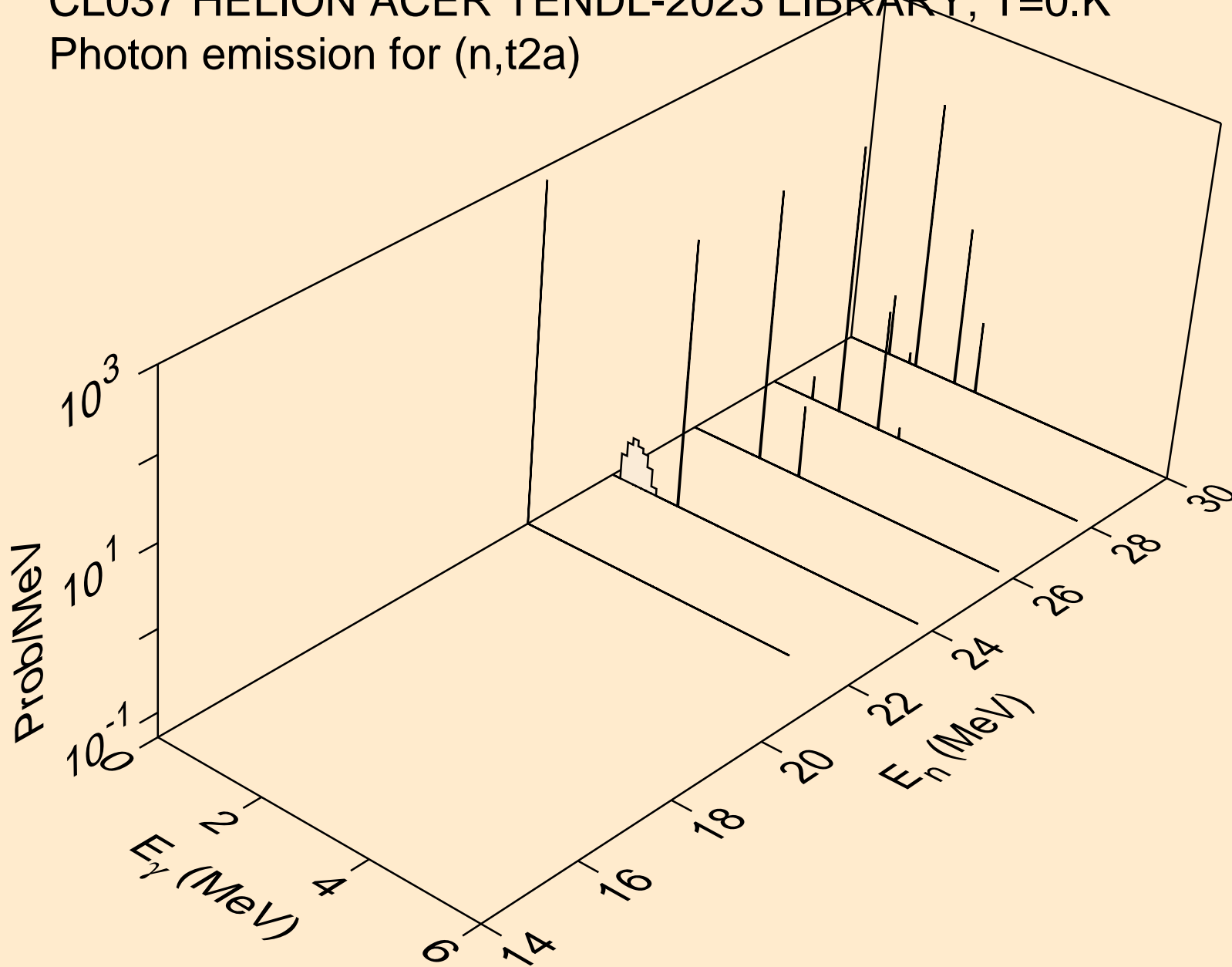
CL037 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



CL037 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)

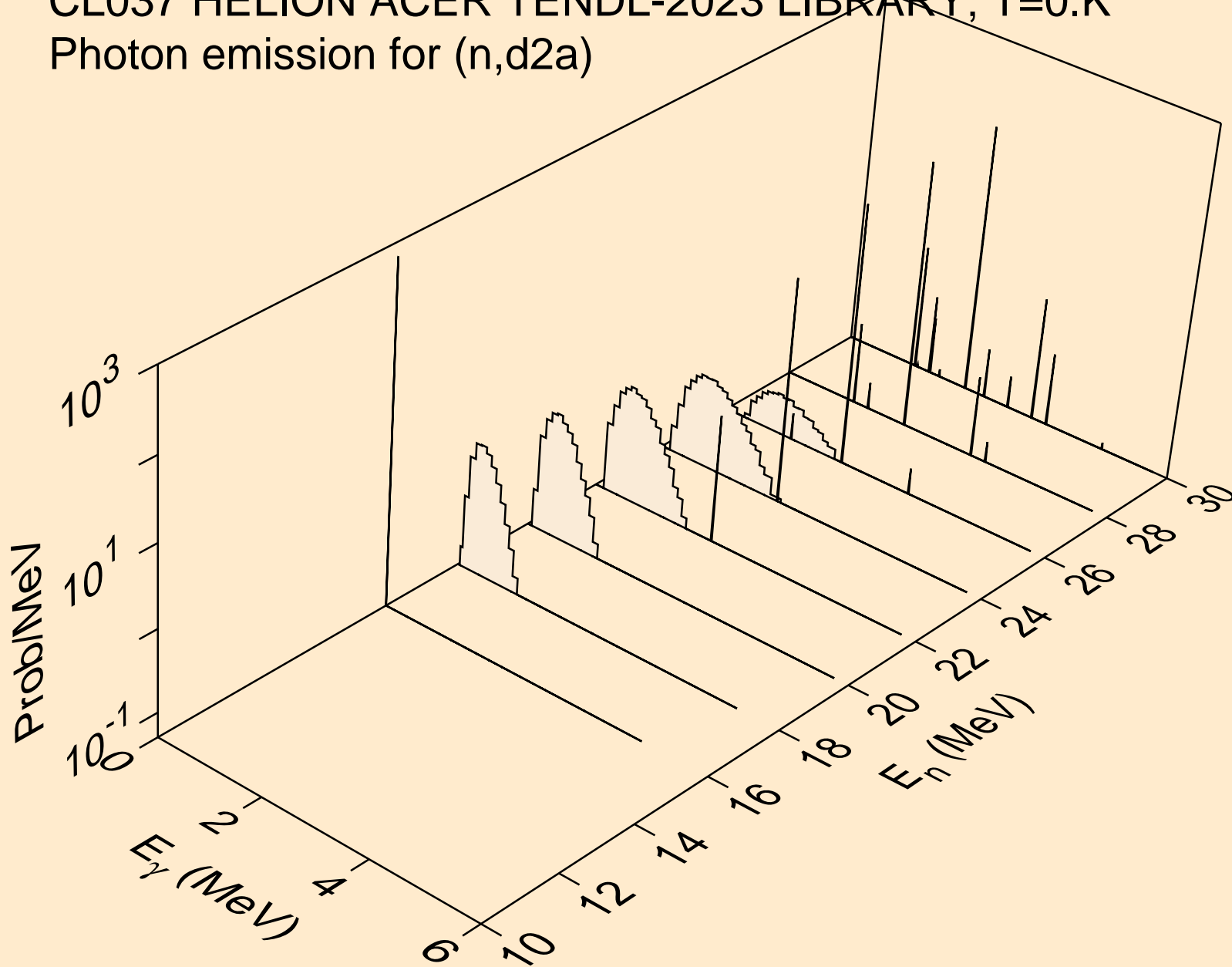


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Photon emission for (n,t2a)

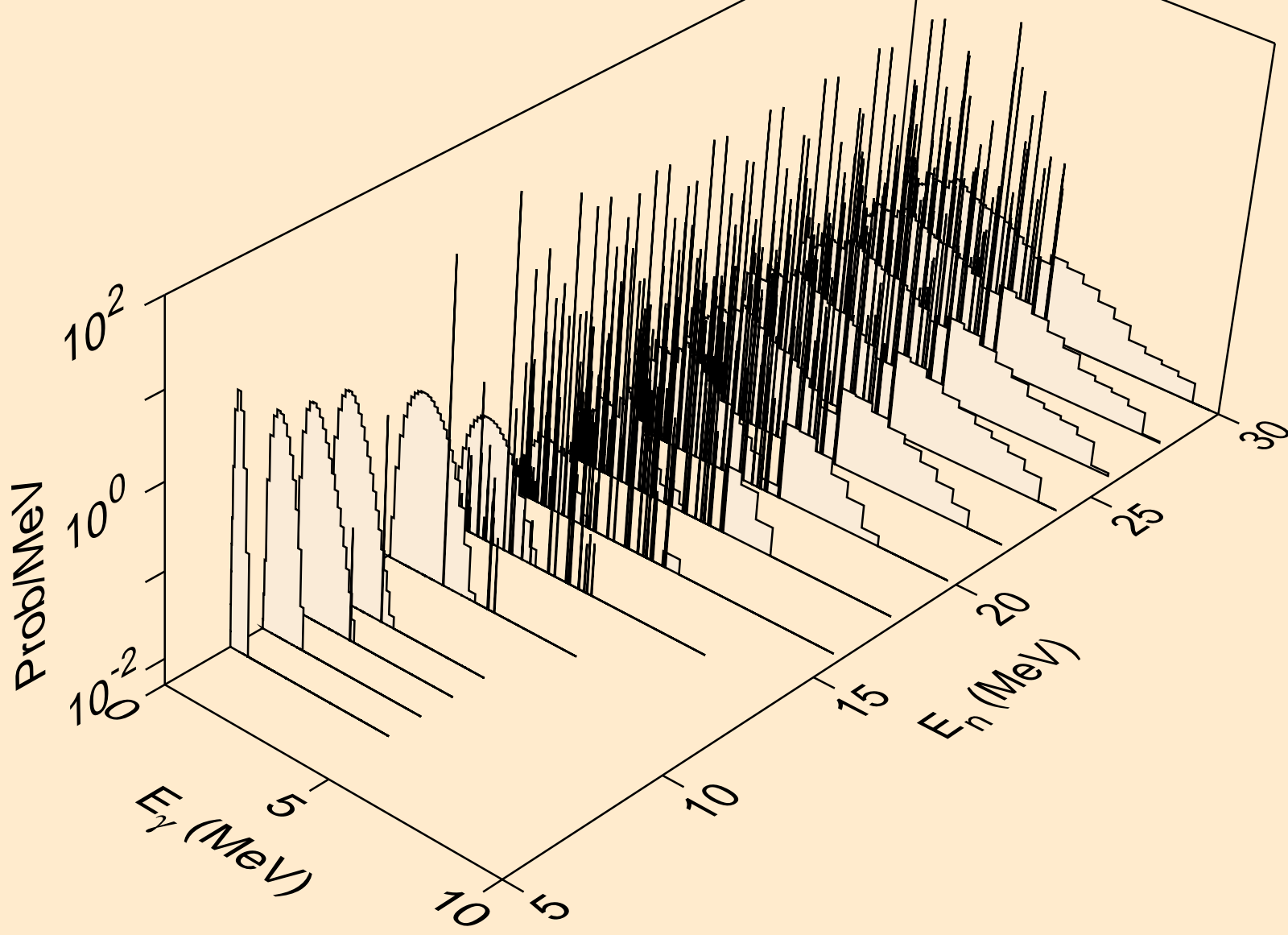




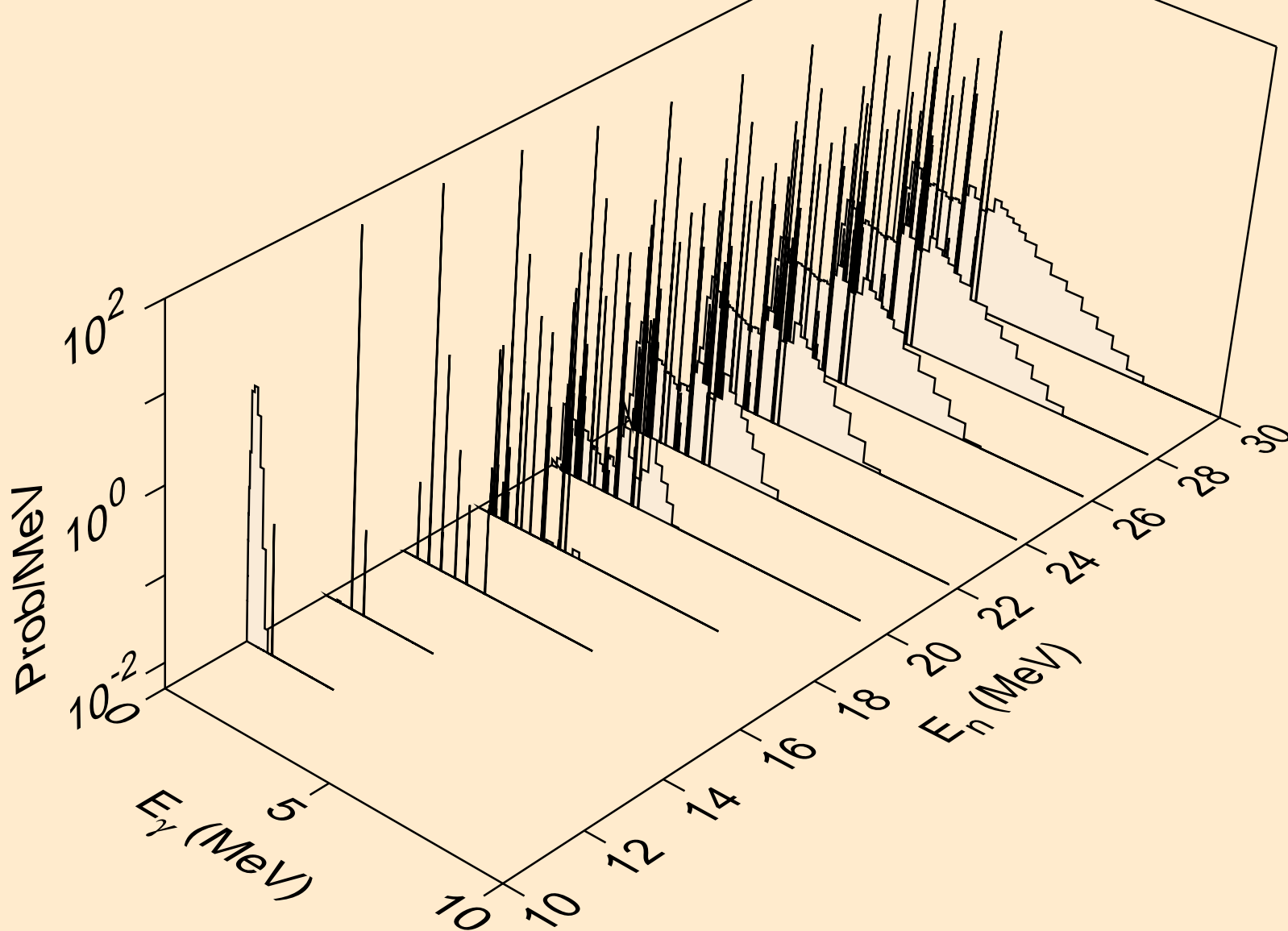
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Photon emission for (n,d2a)



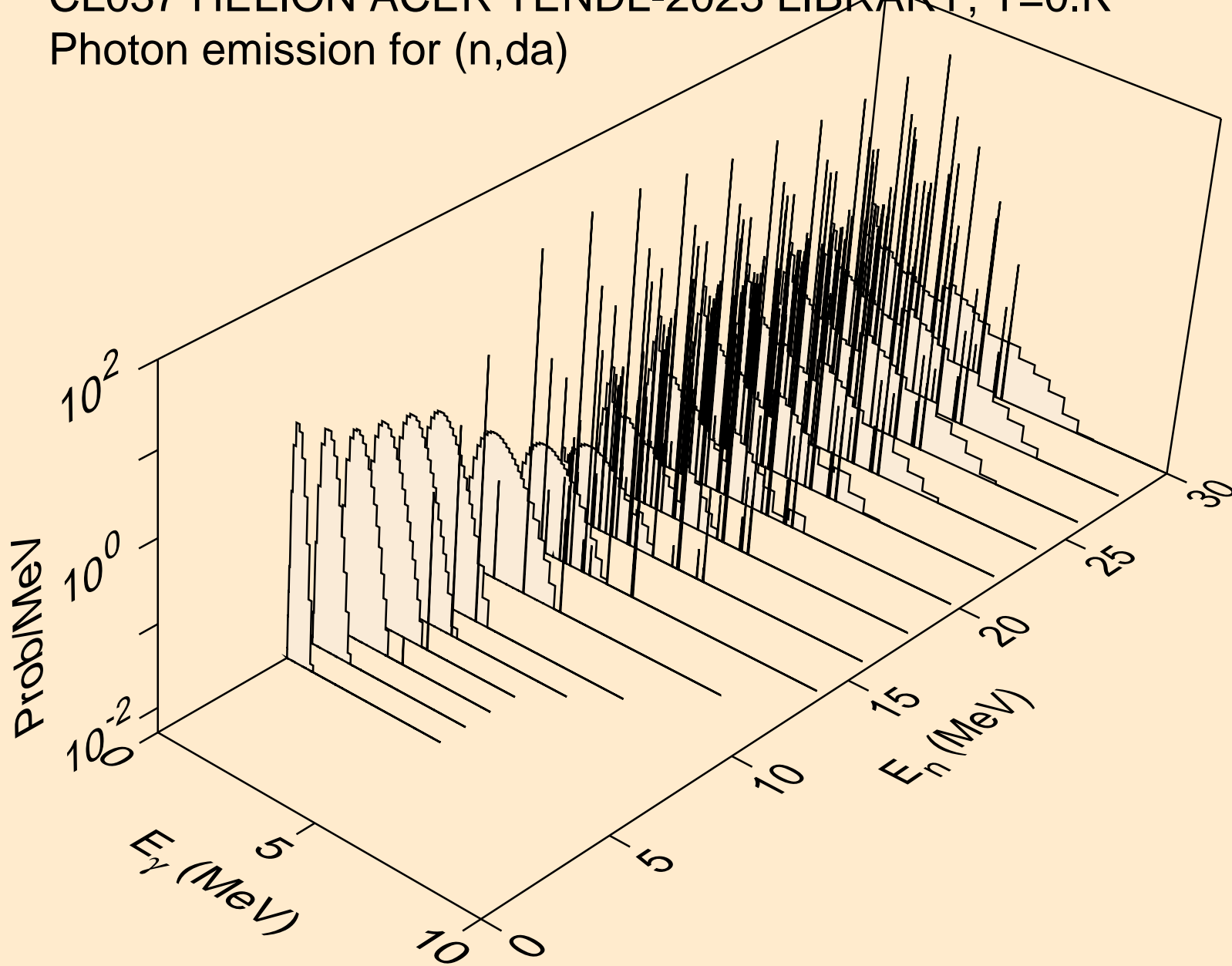
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Photon emission for (n,pd)



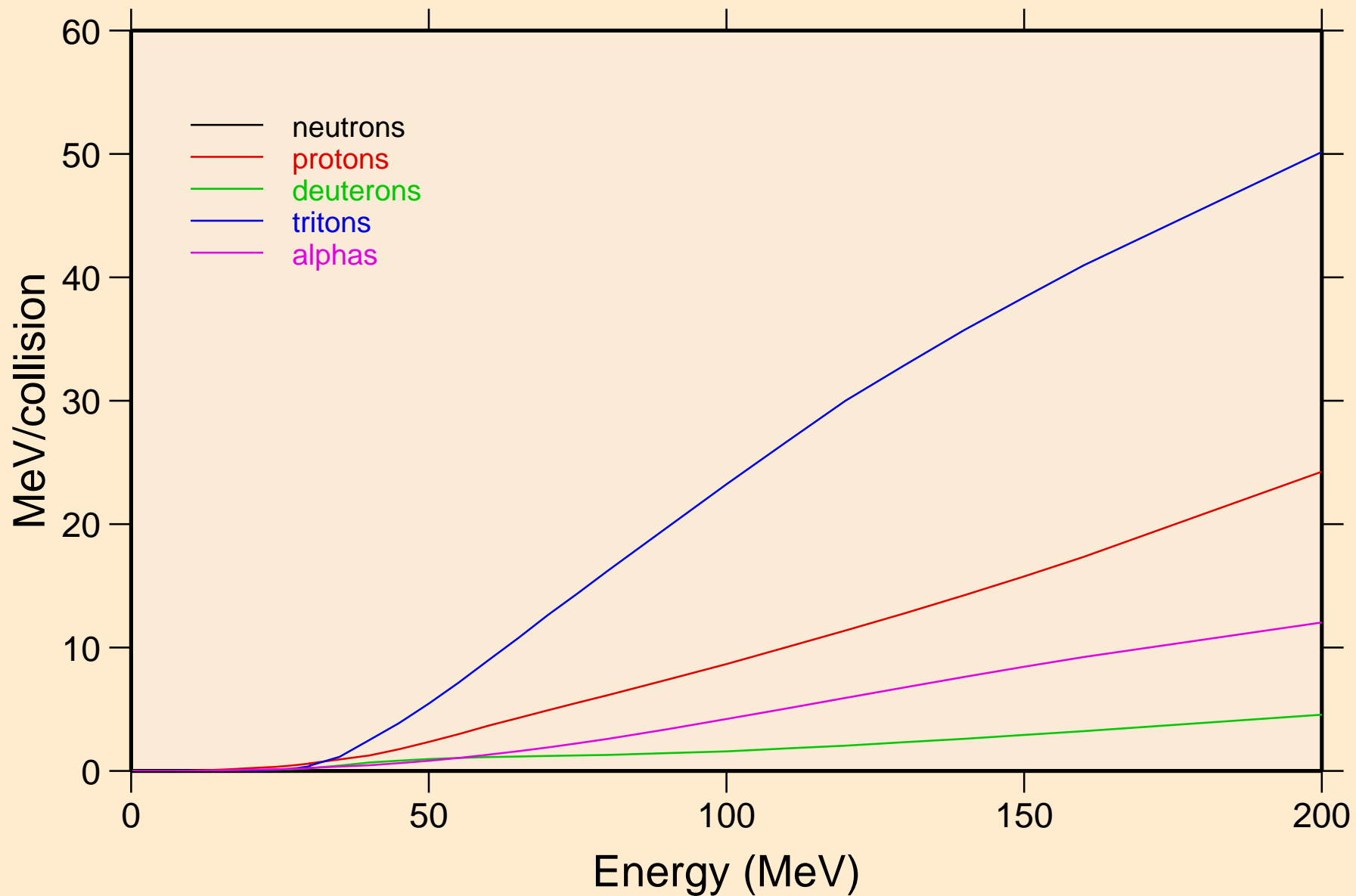
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Photon emission for (n,pt)



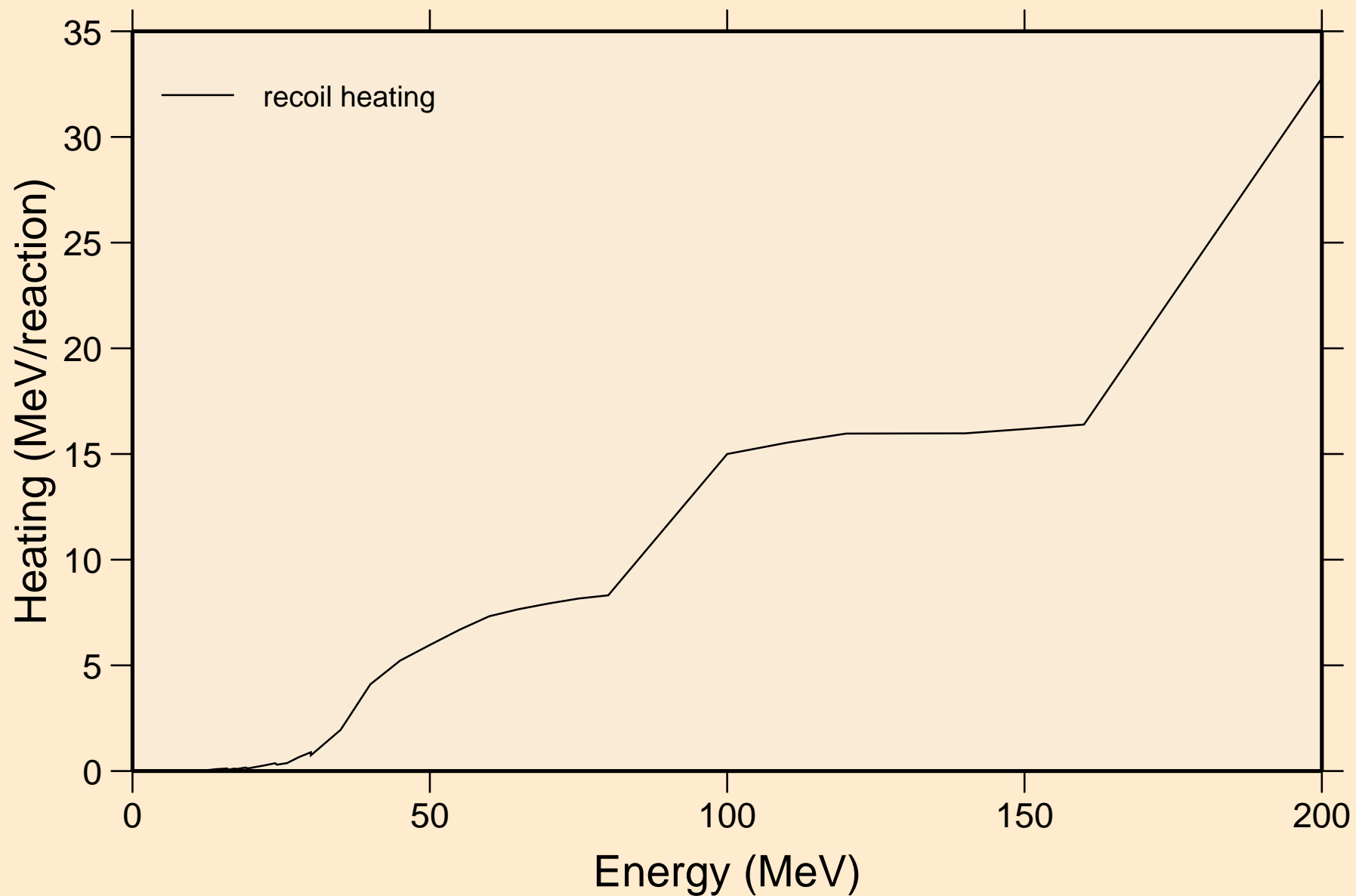
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Photon emission for (n,da)



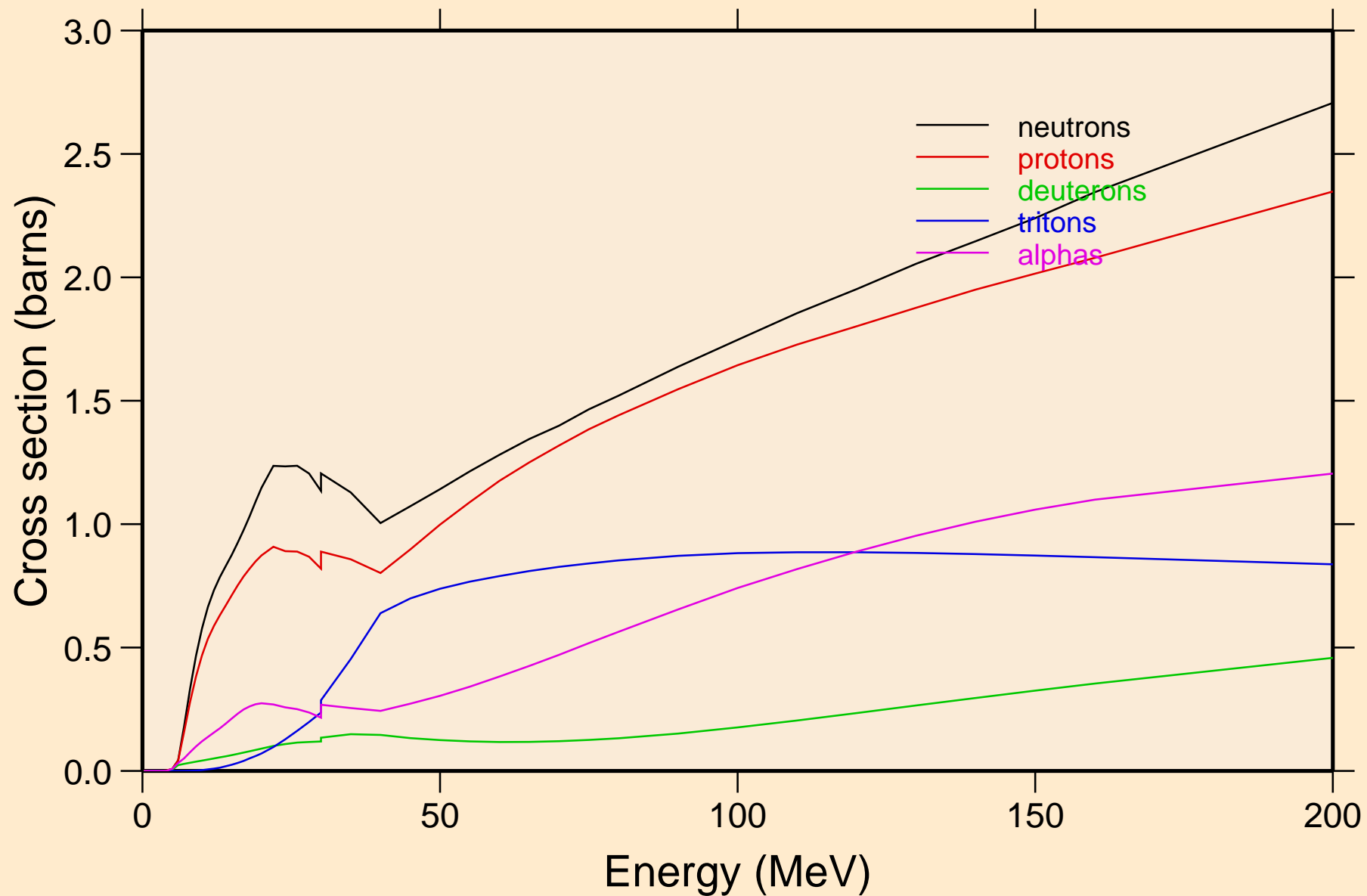
CL037 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



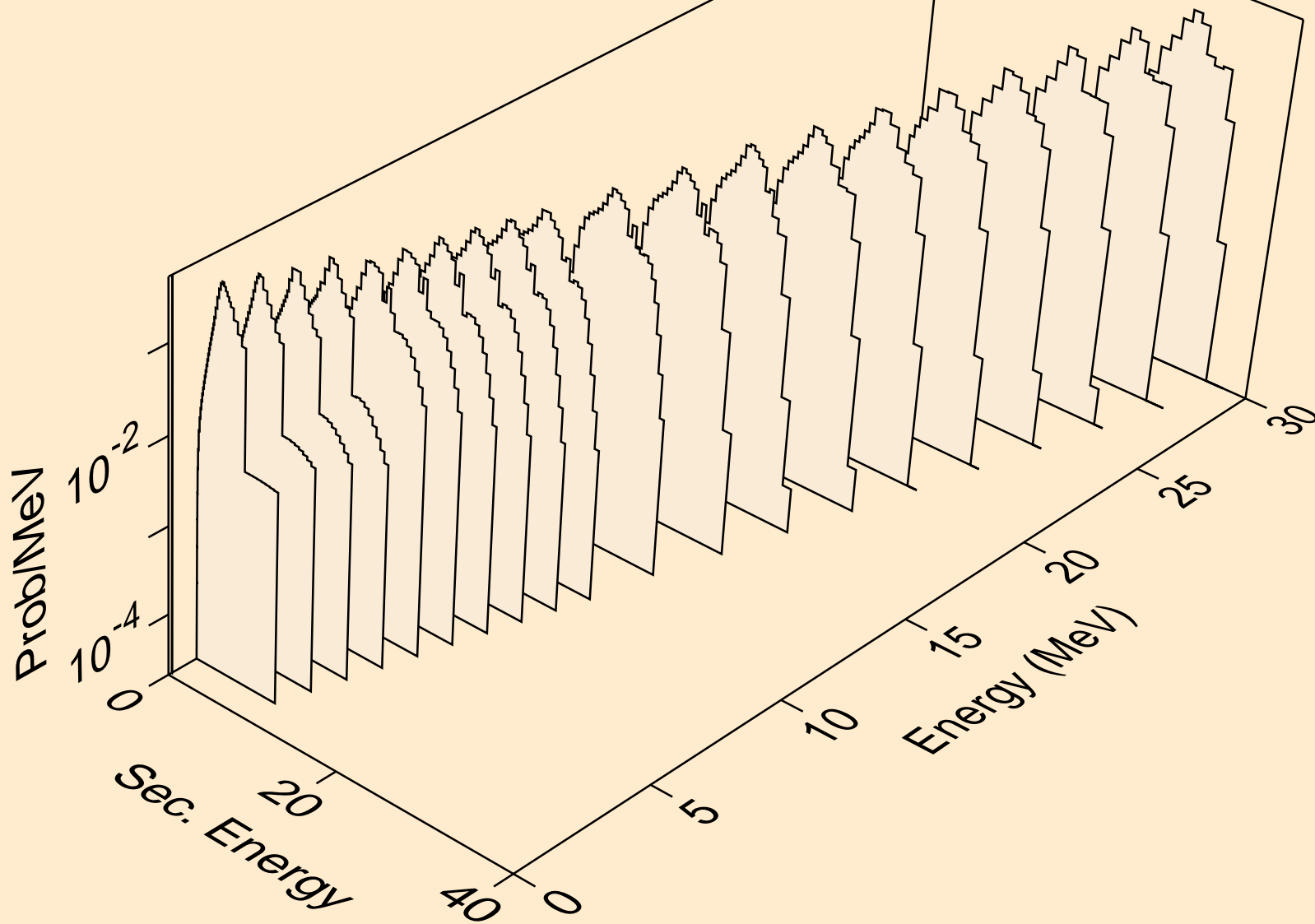
CL037 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



CL037 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections

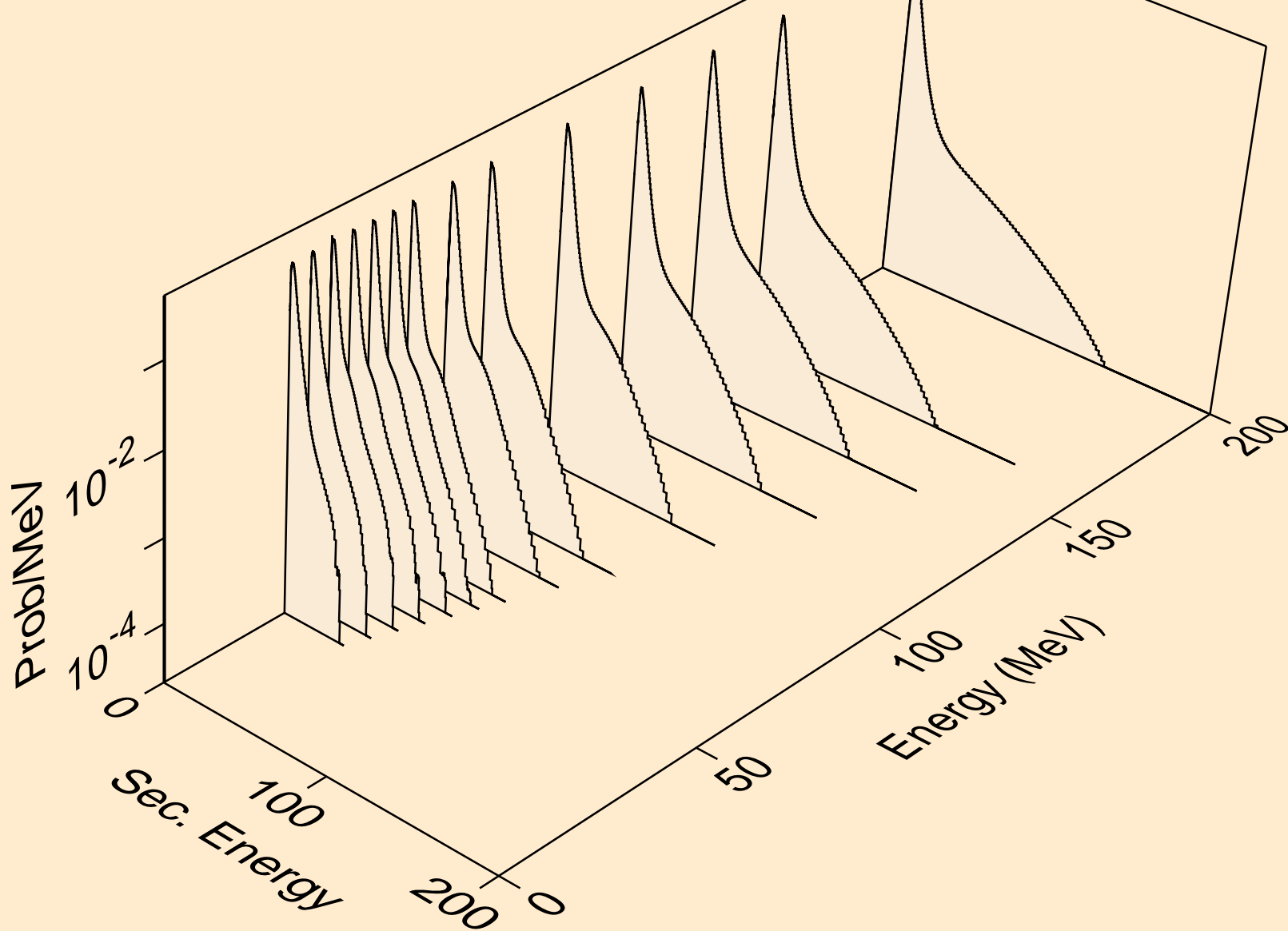


CL037 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n)

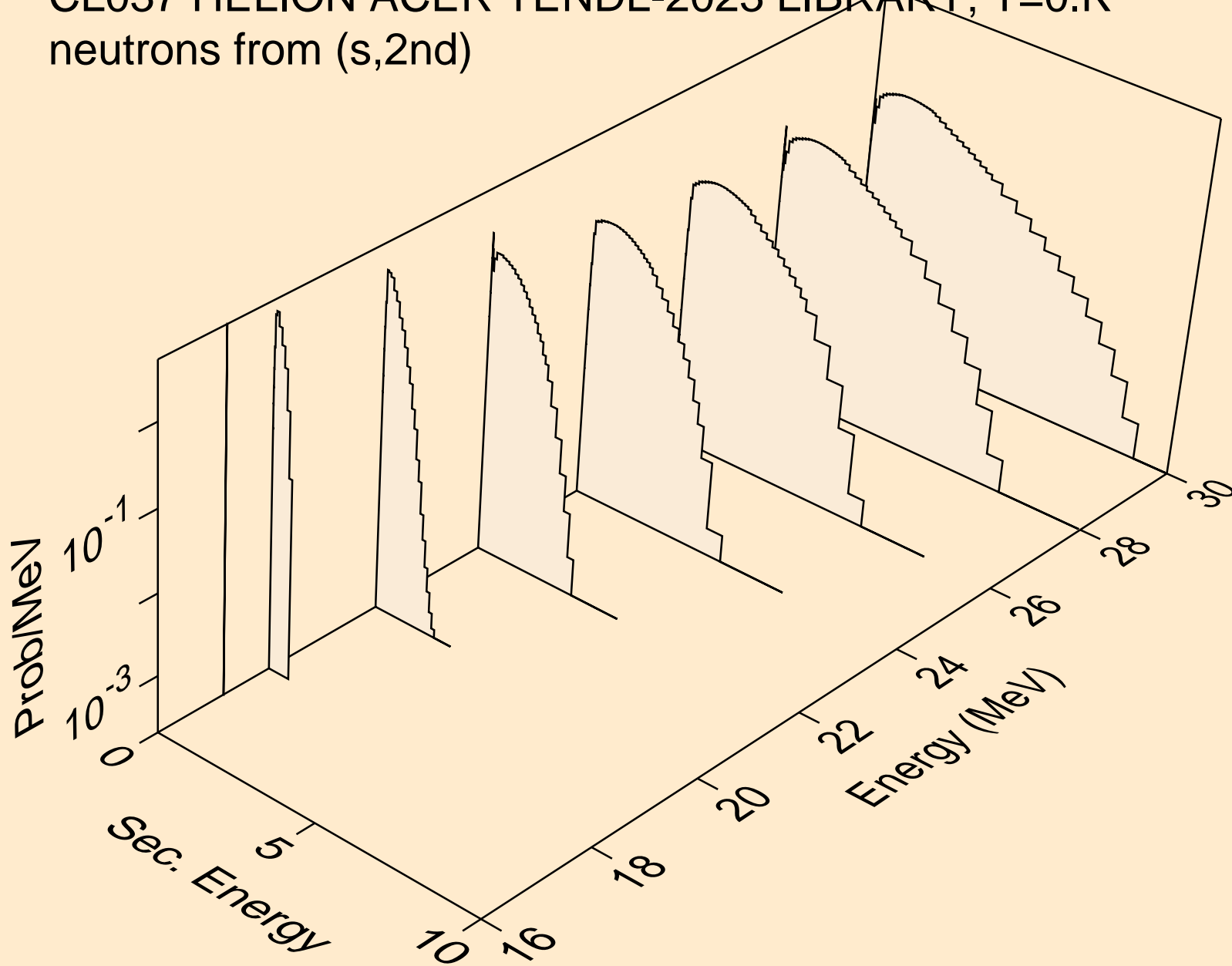




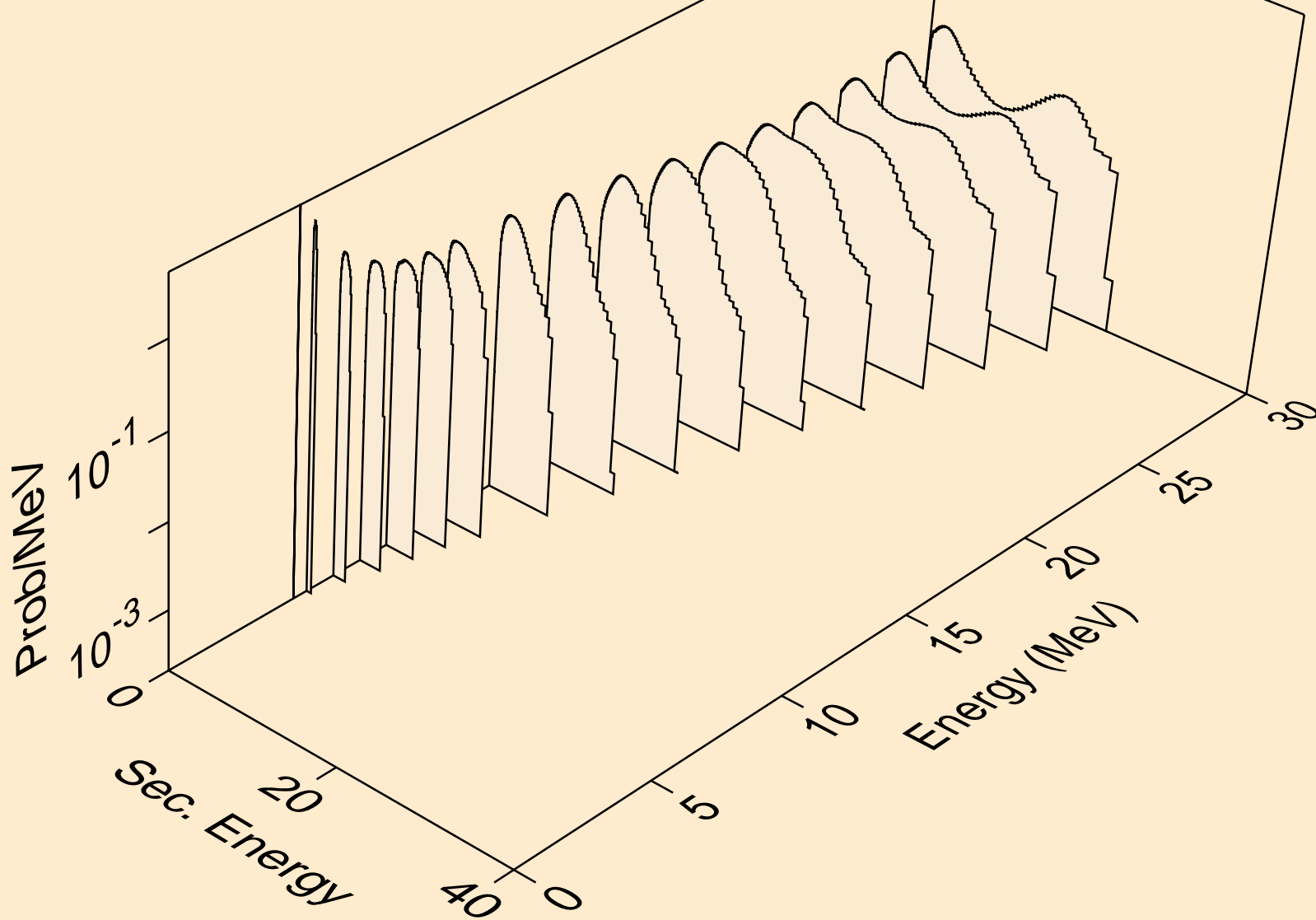
CL037 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,x)



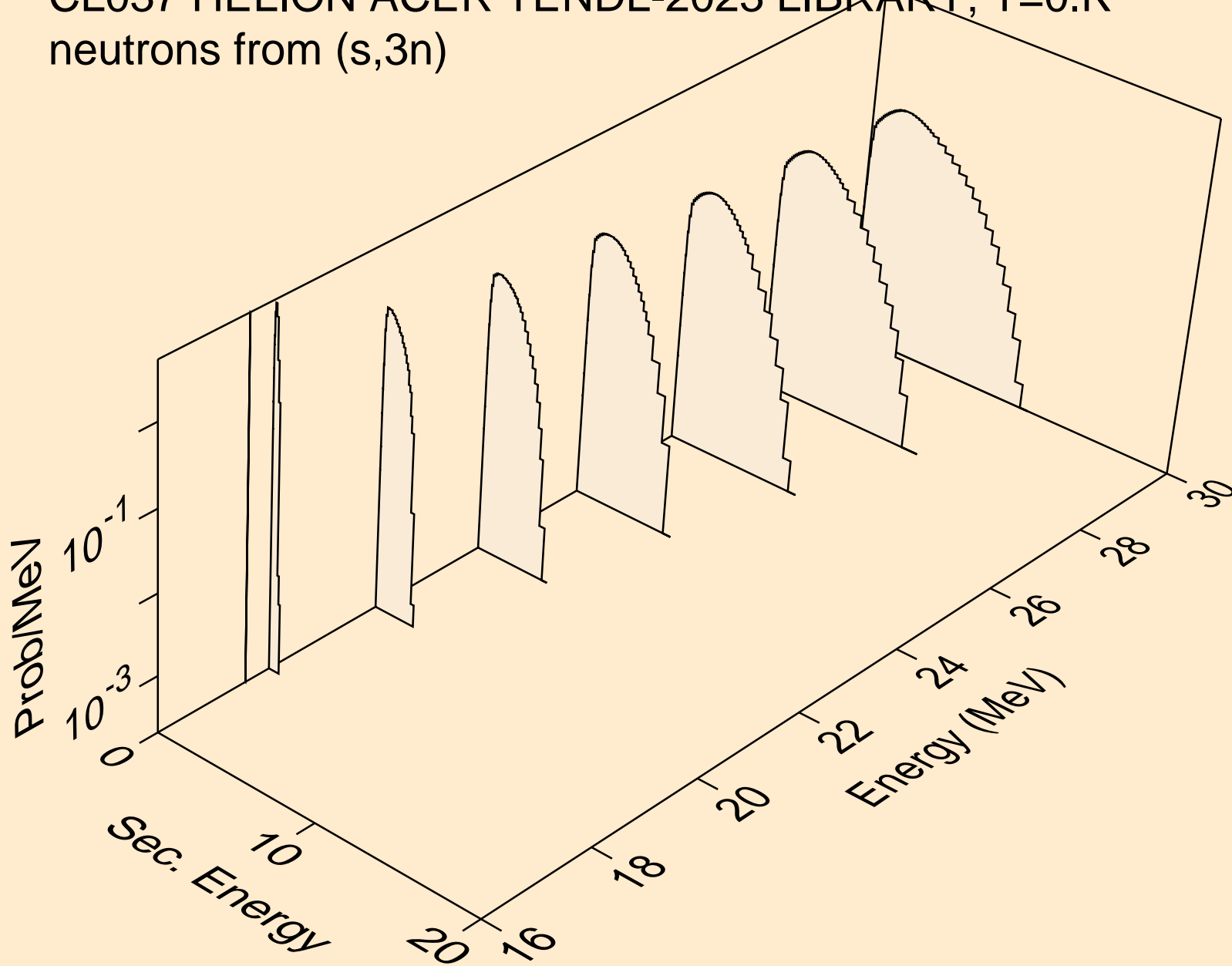
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neutrons from (s,2nd)



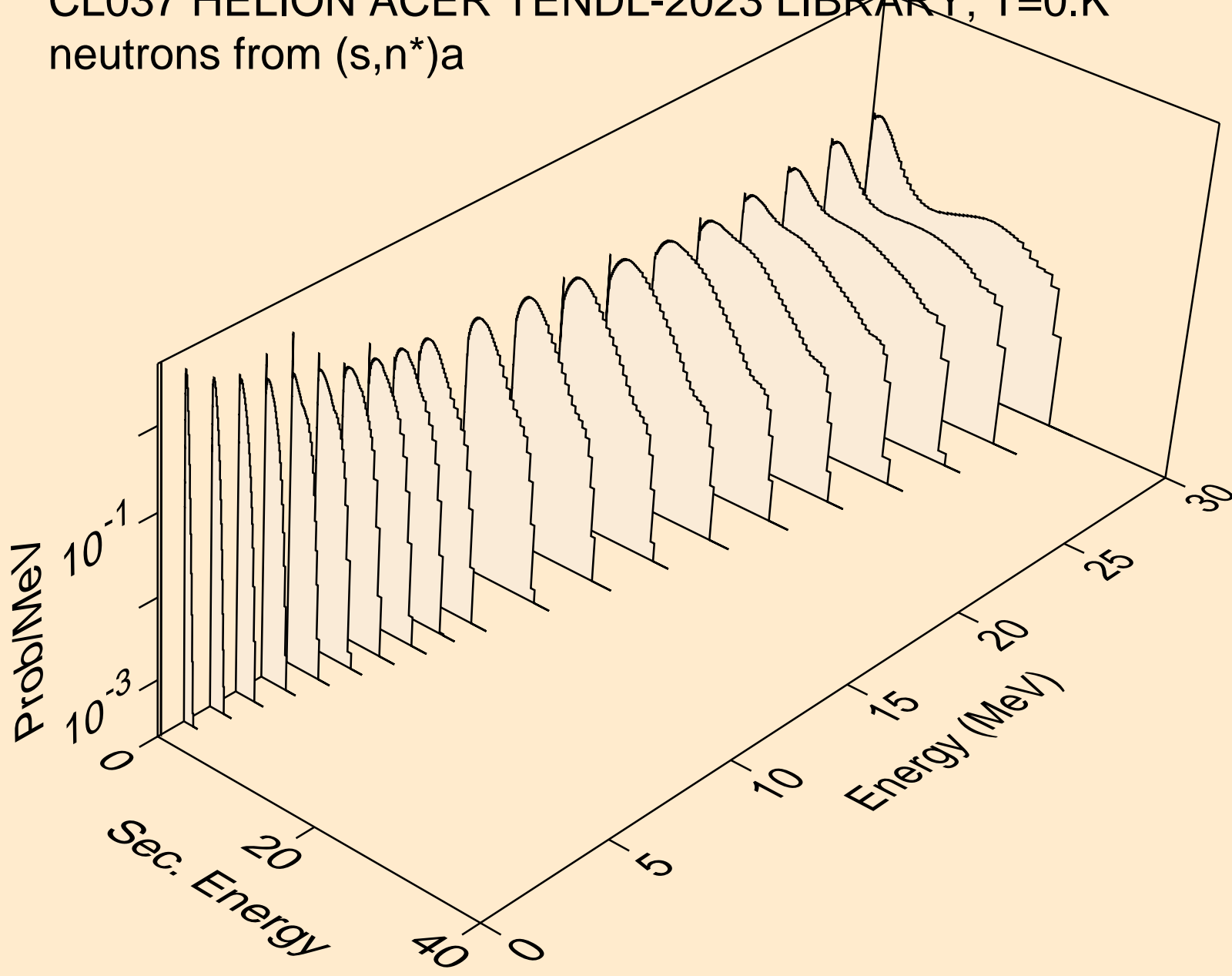
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neutrons from (s,2n)



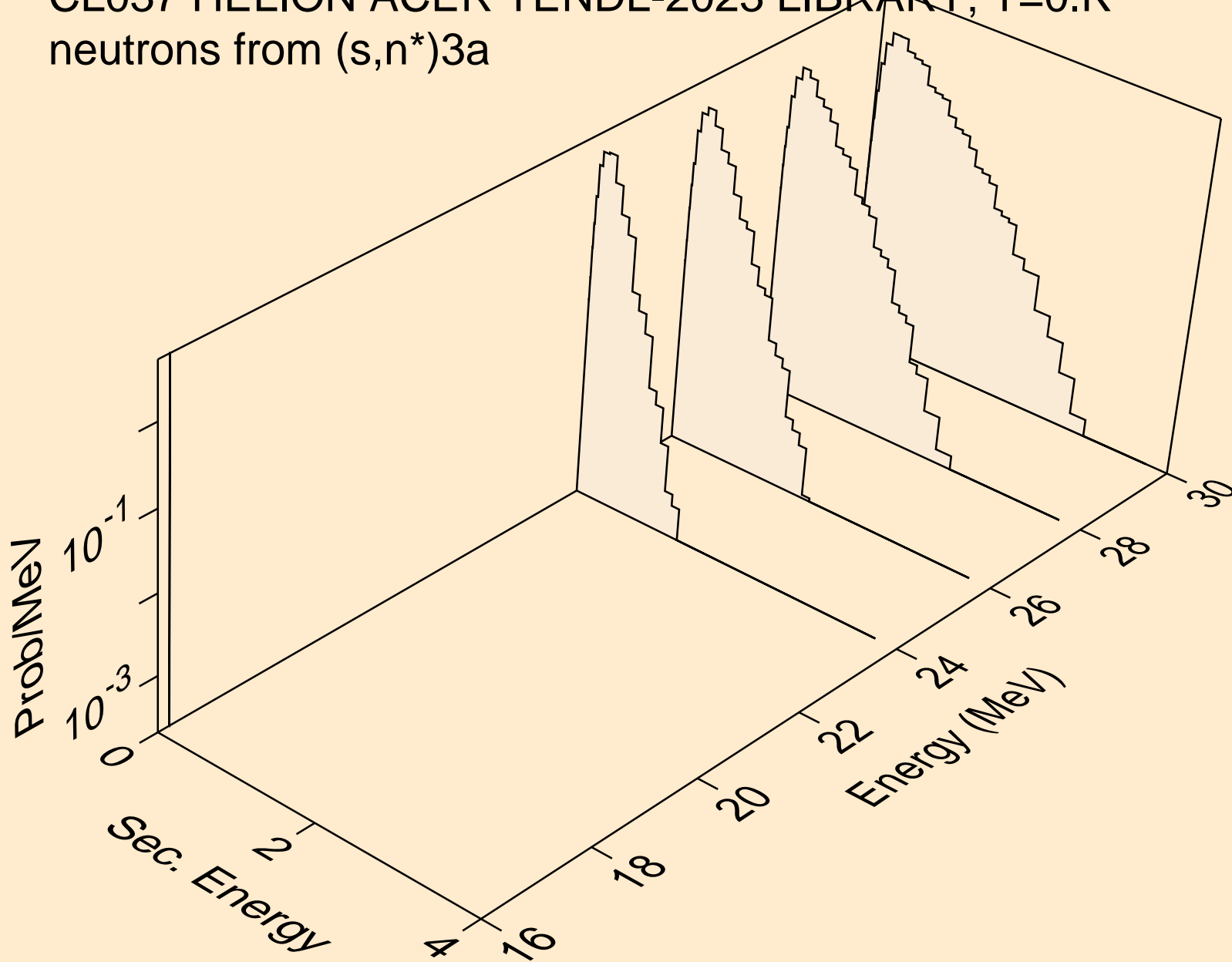
CL037 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3n)



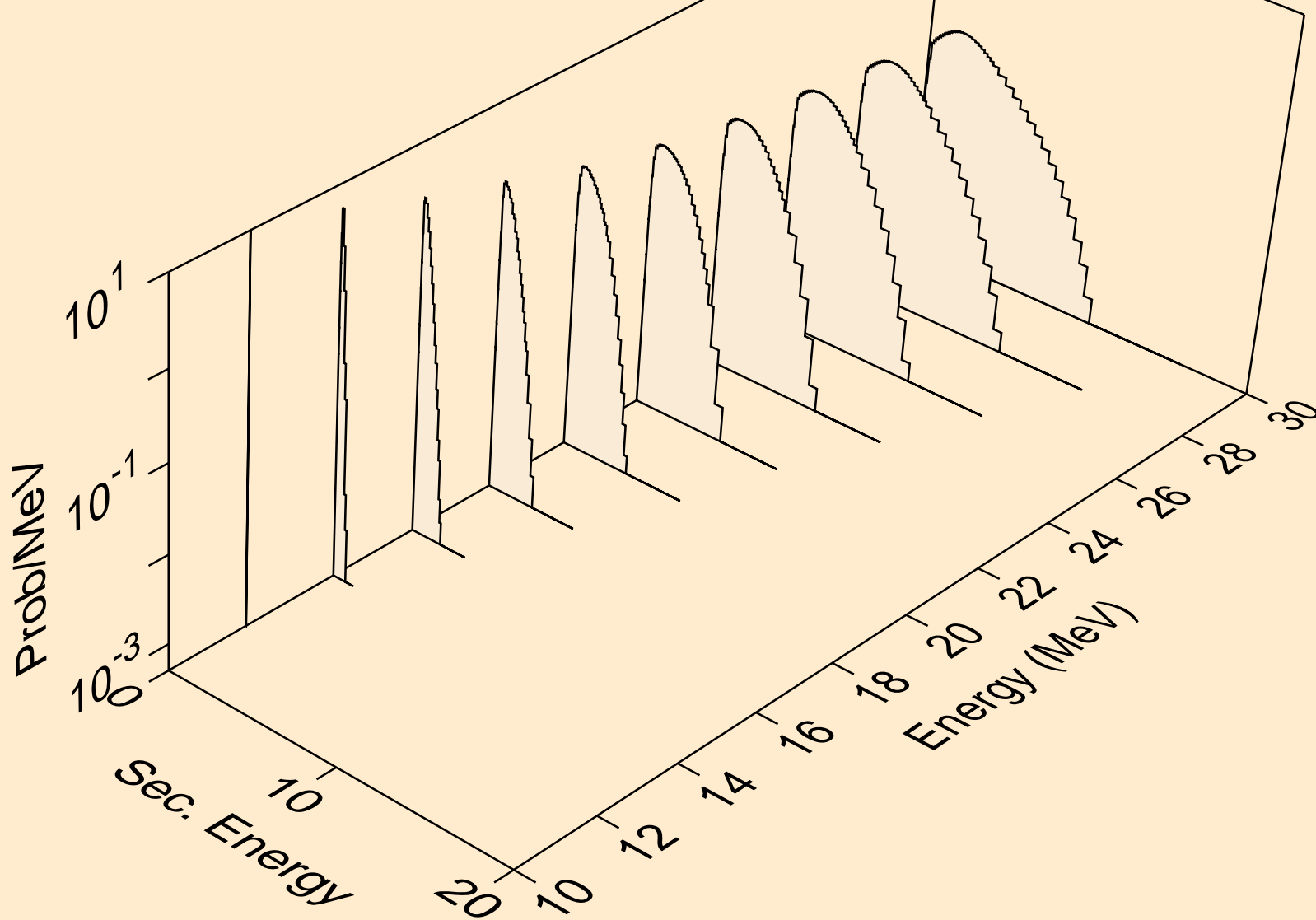
CL037 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)a



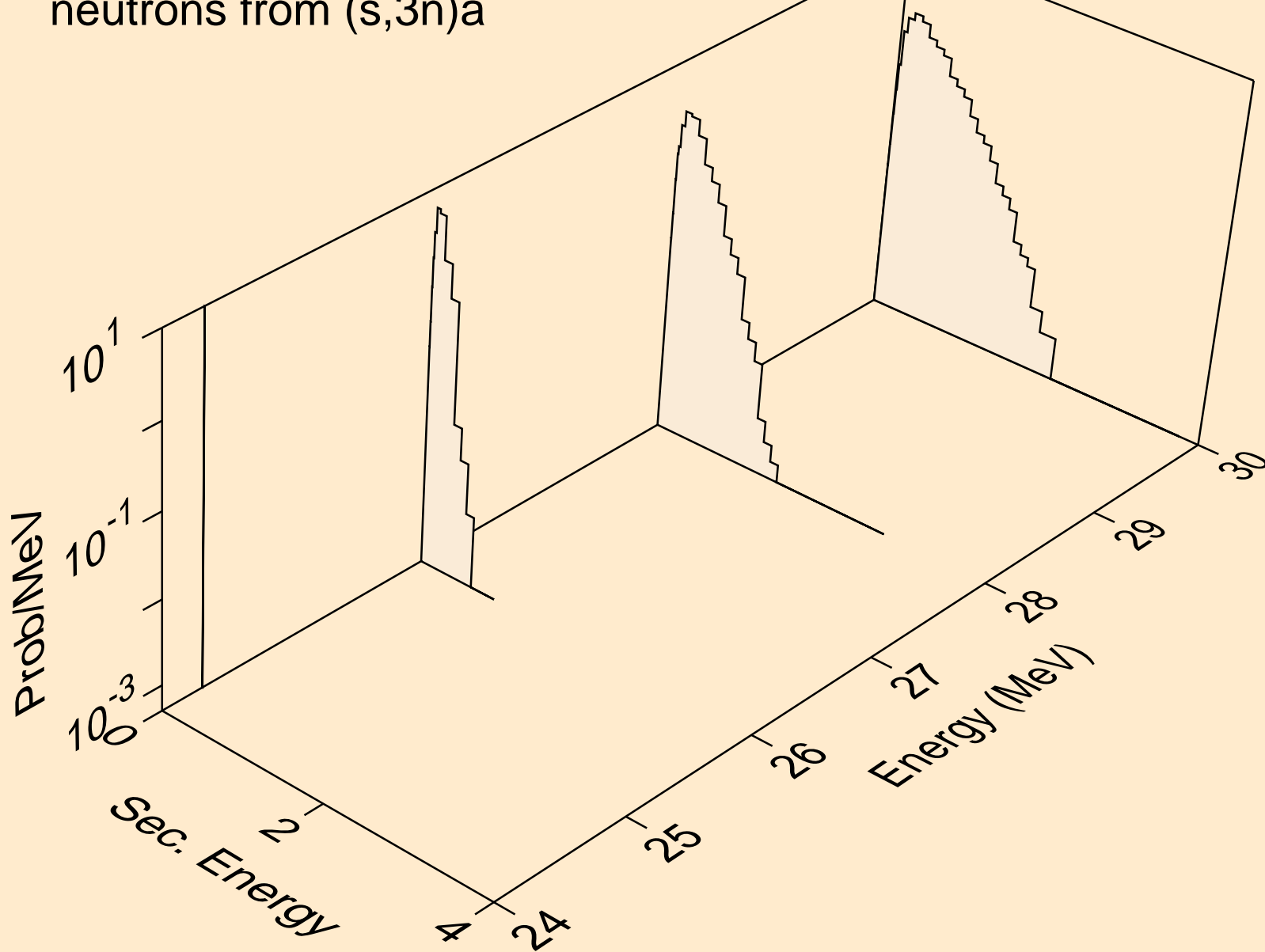
CL037 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)3a



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neutrons from (s,2n)a

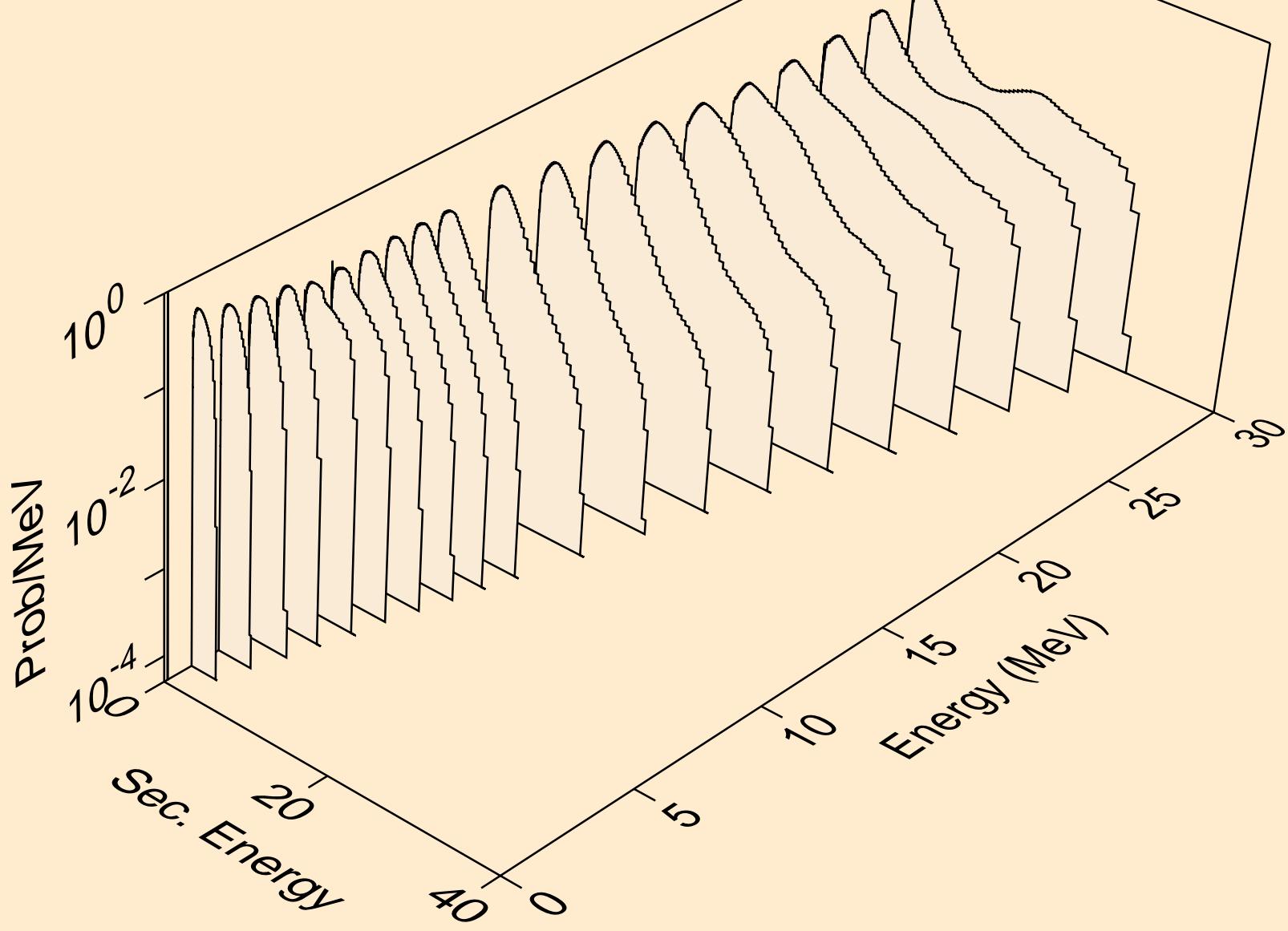


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neutrons from (s,3n)a

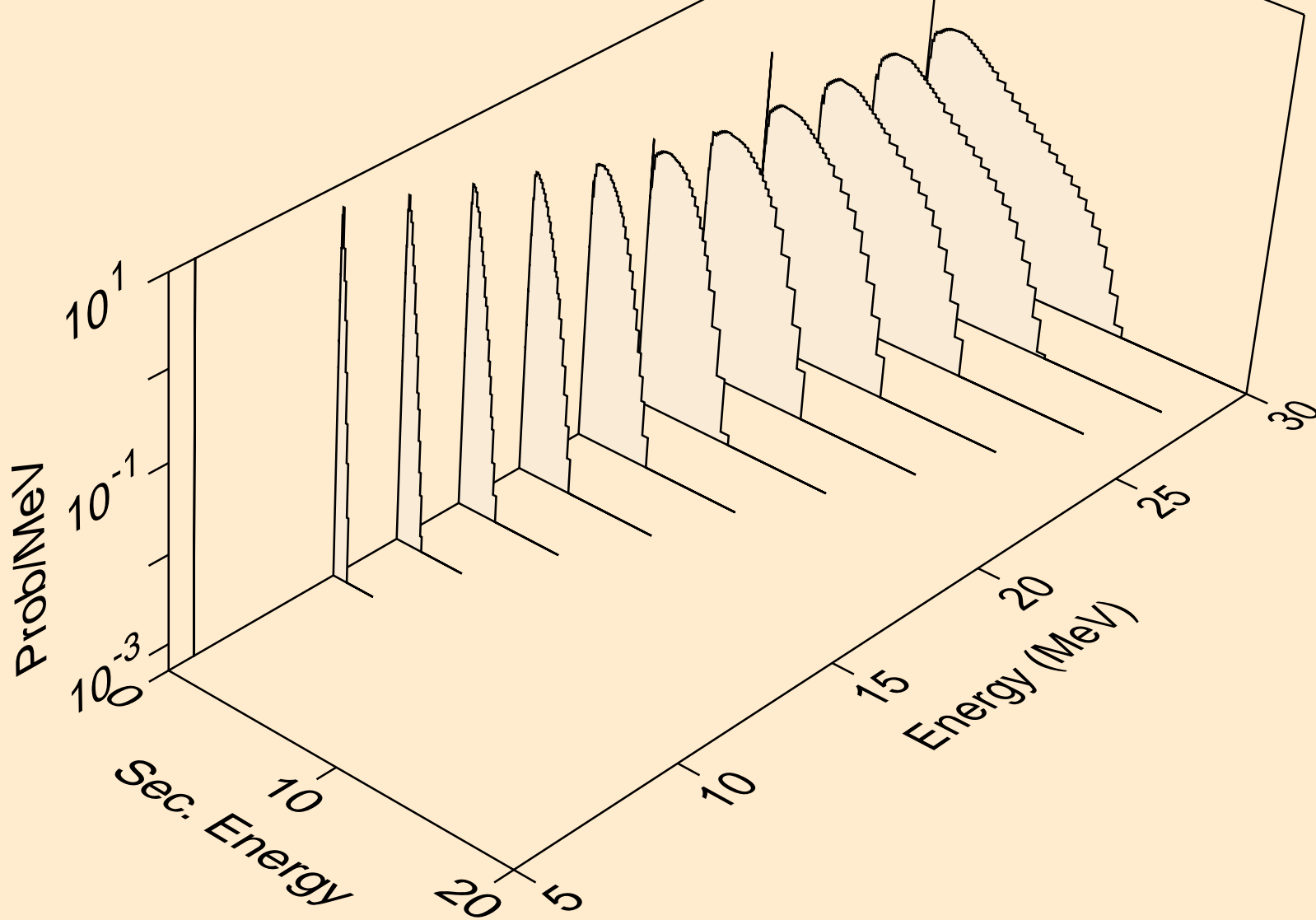




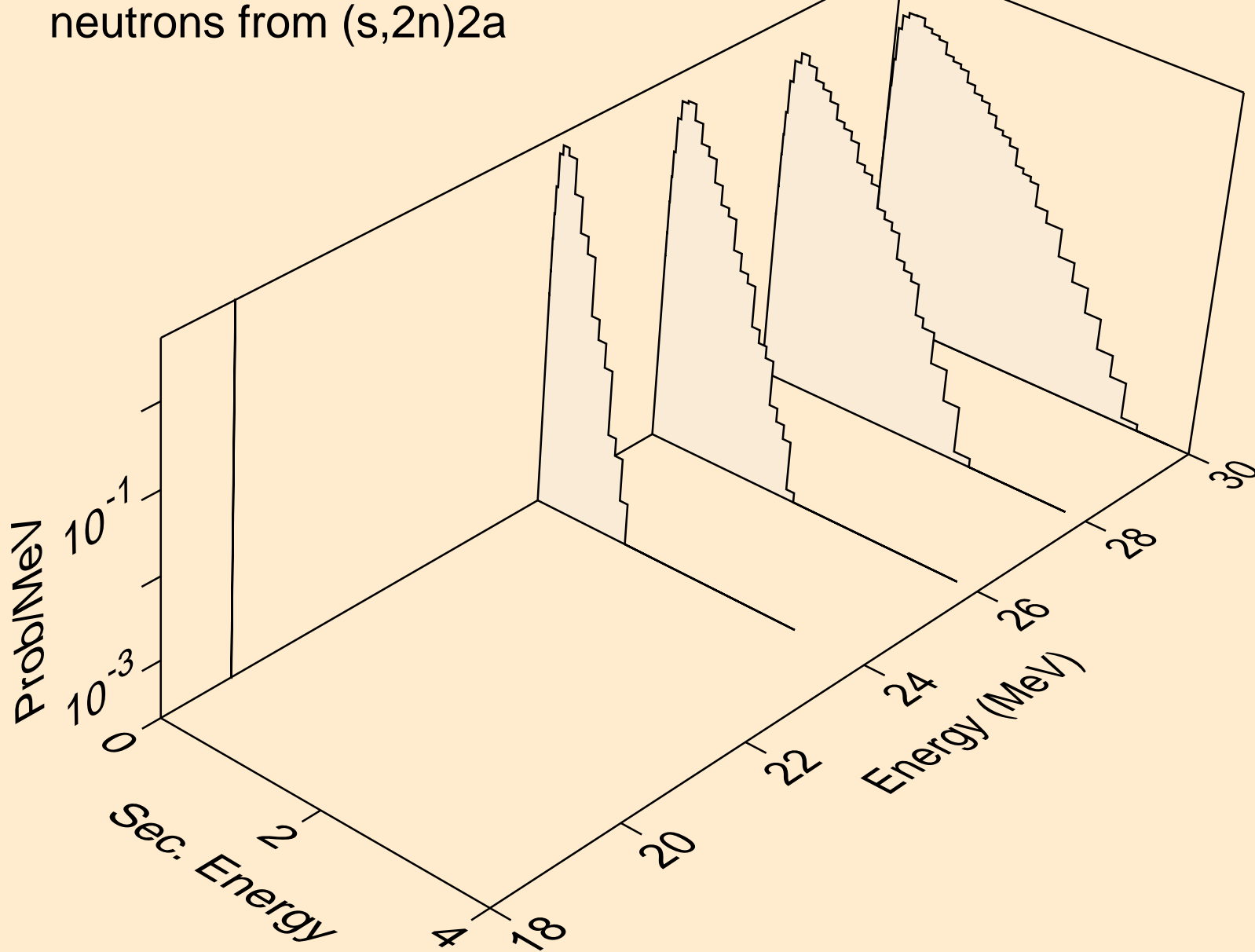
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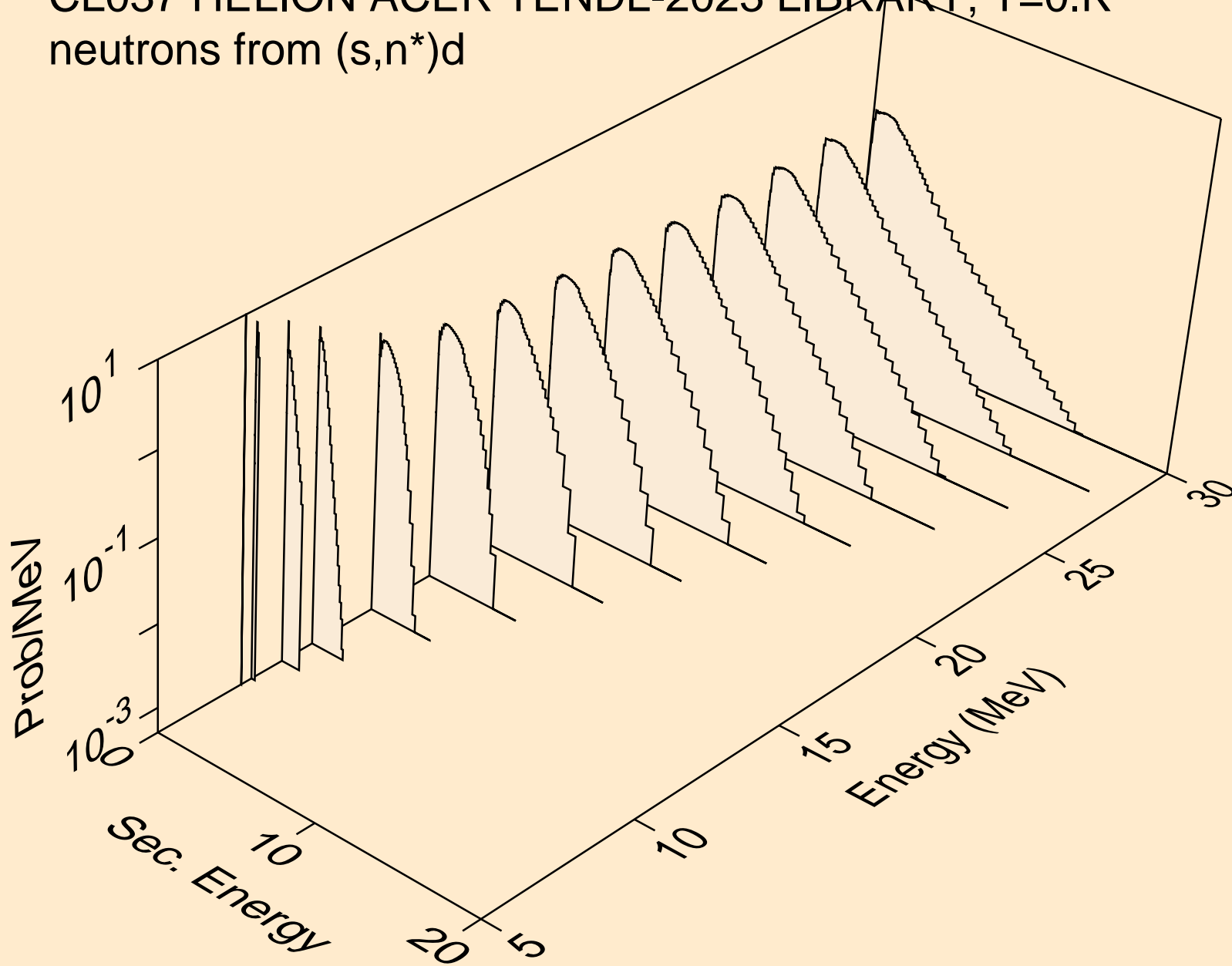
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neutrons from (s,n\*)2a



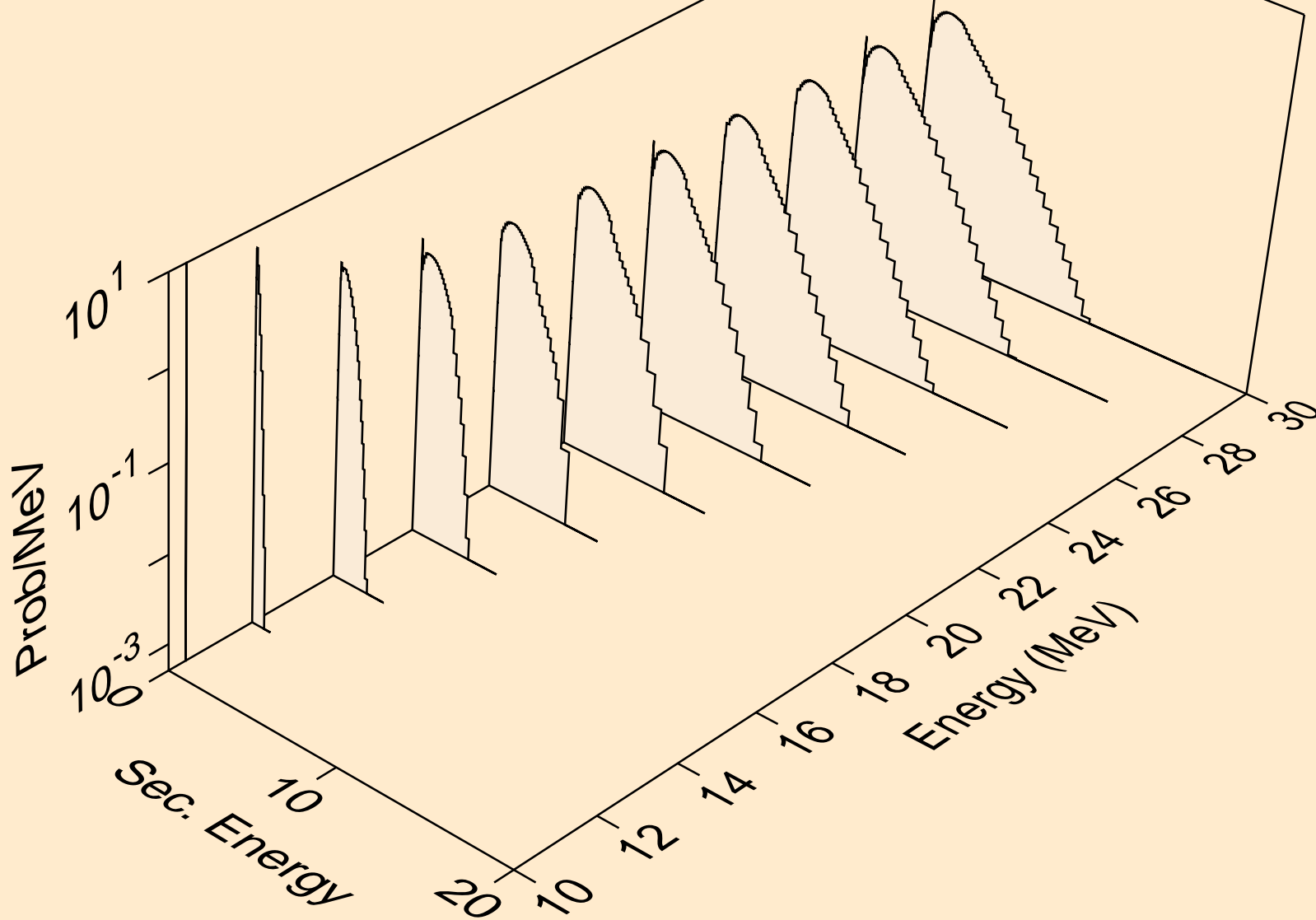
CL037 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)2a



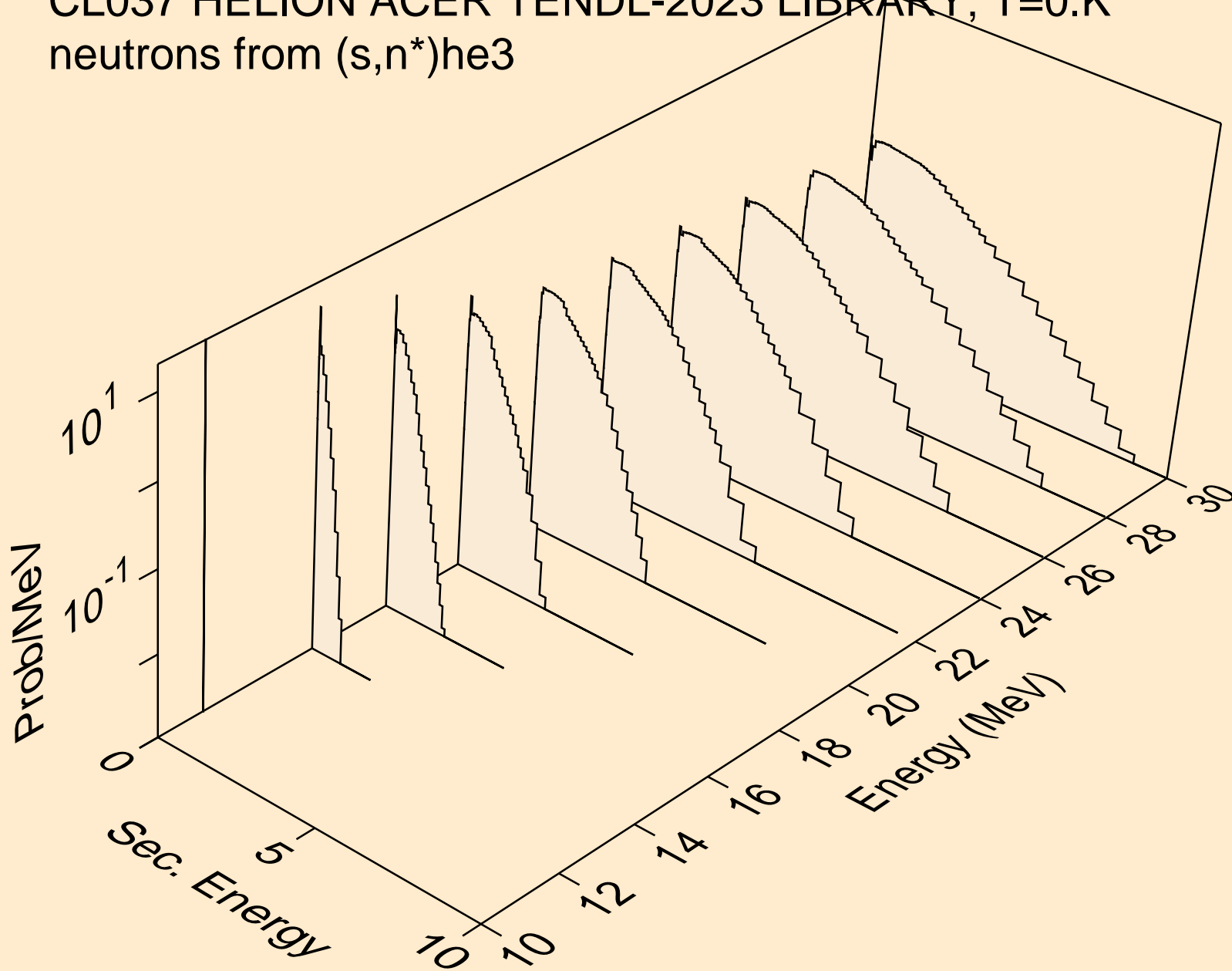
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neutrons from (s,n\*)d



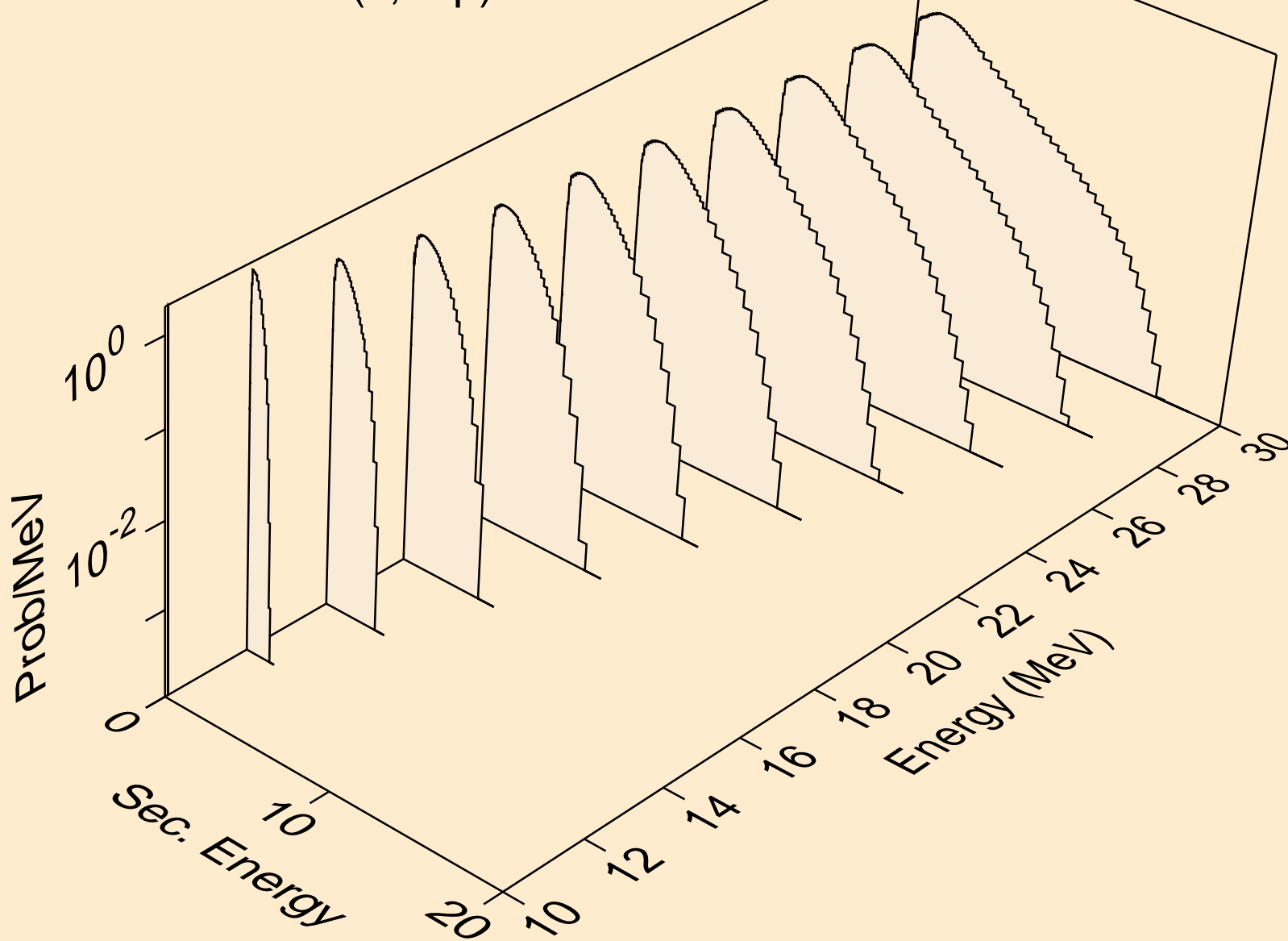
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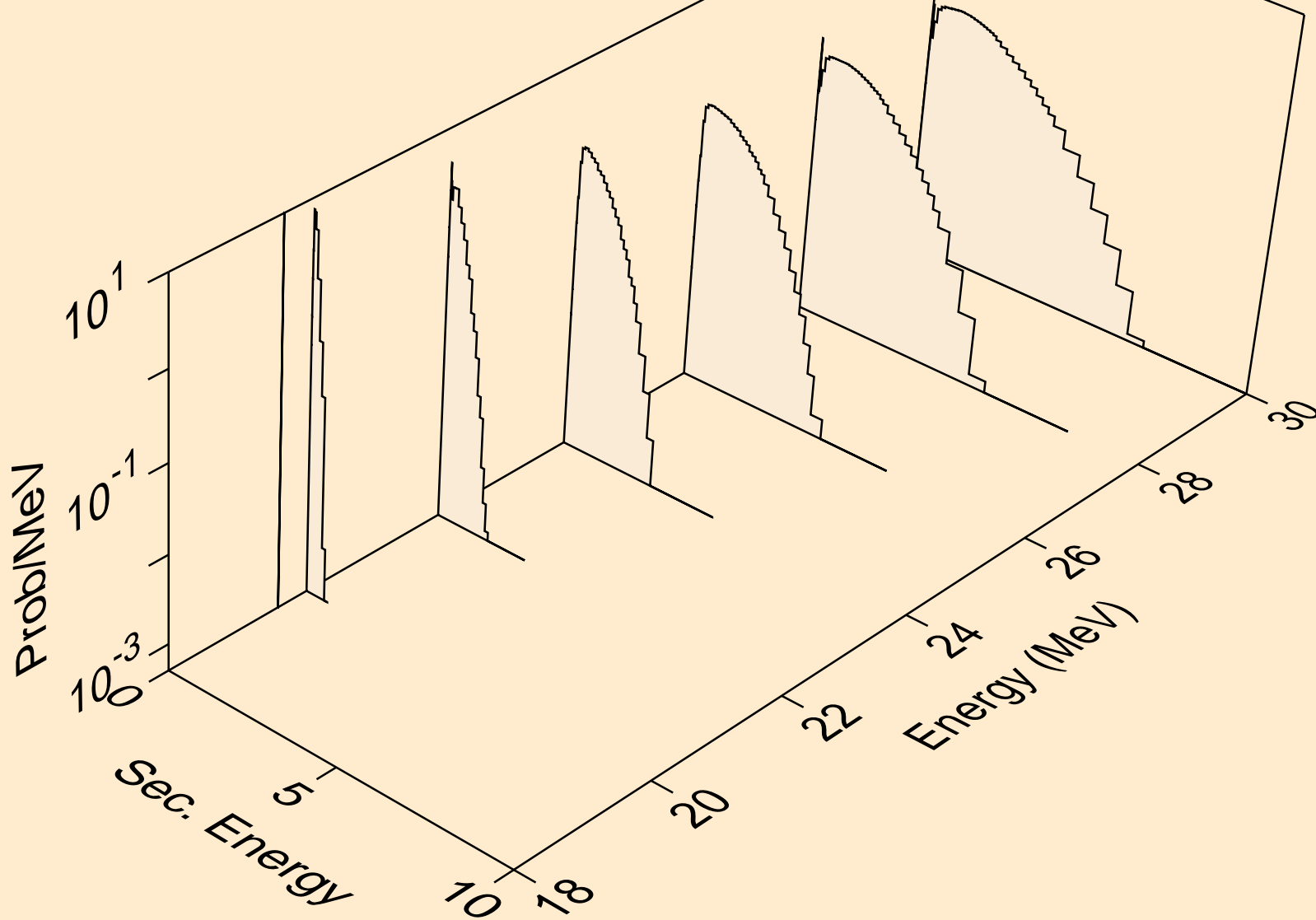
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CL037 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2np)

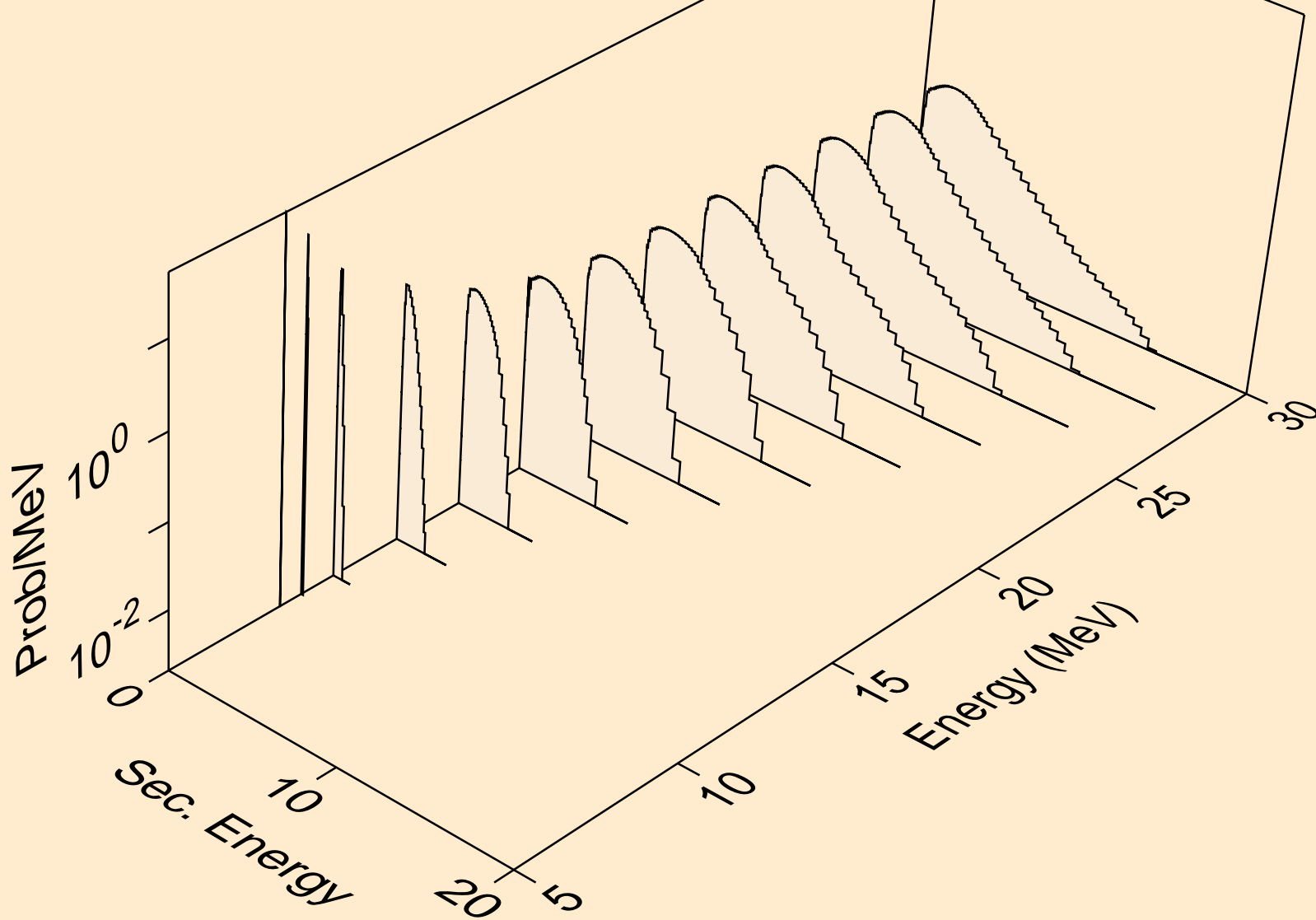


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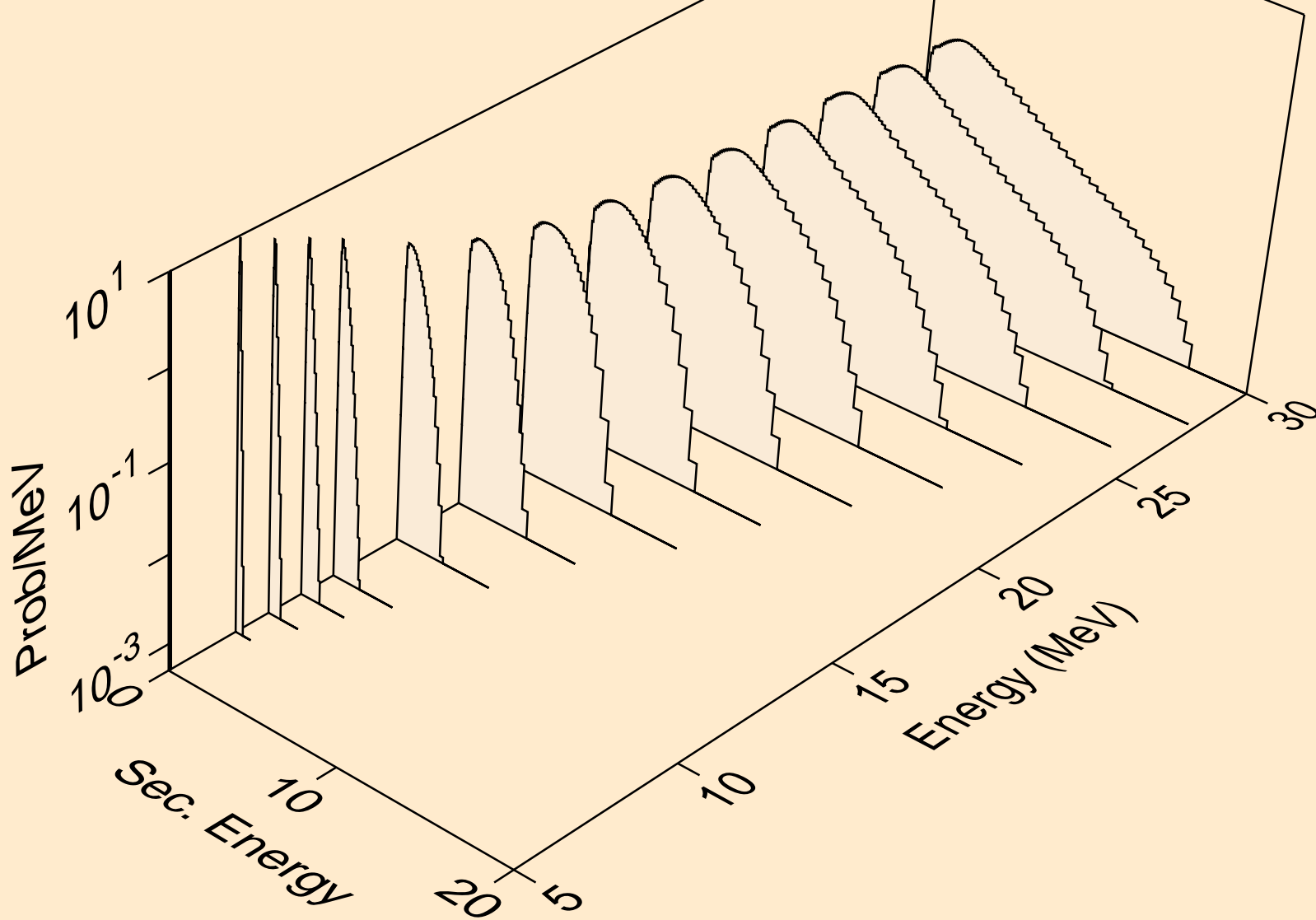




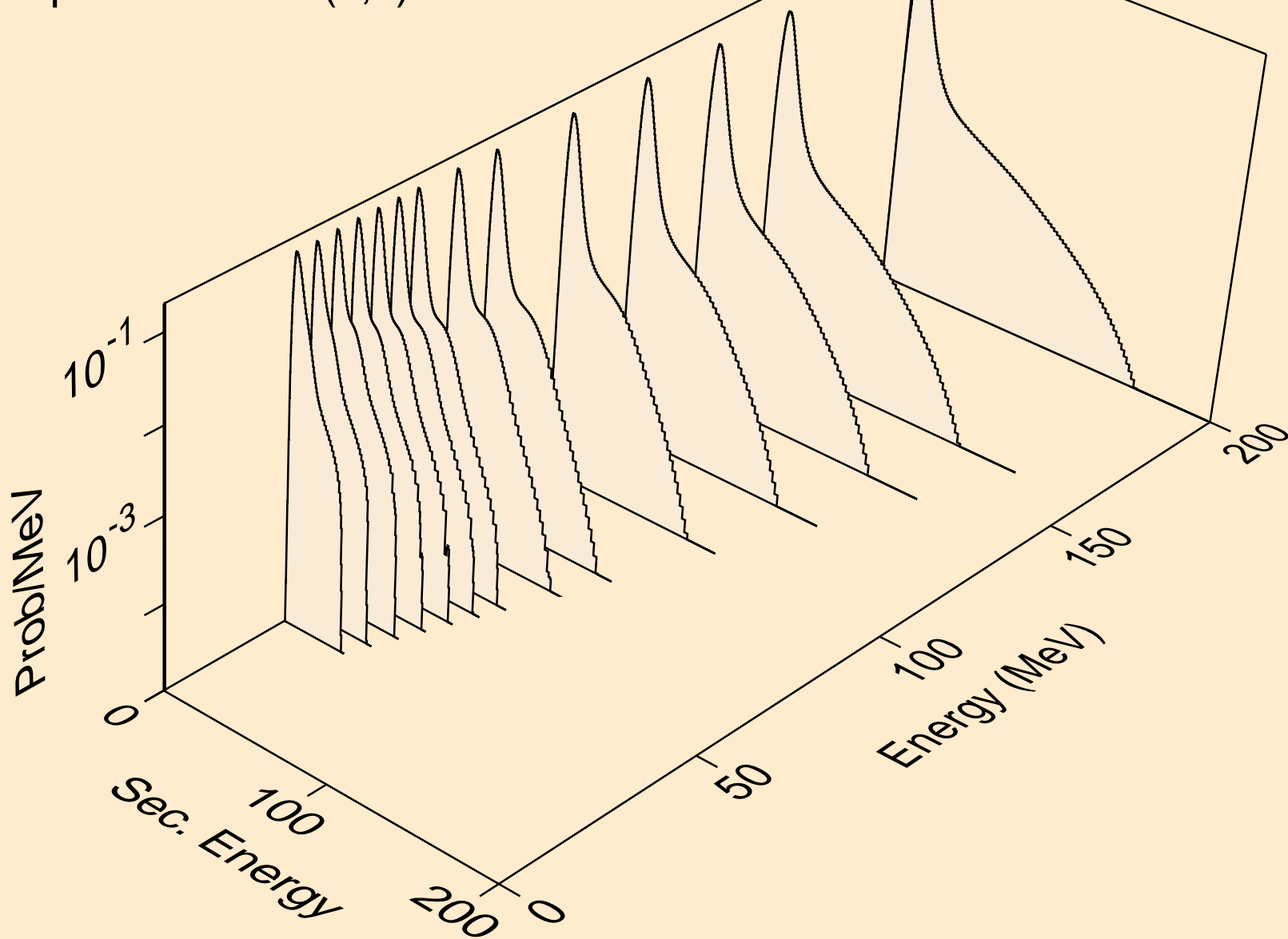
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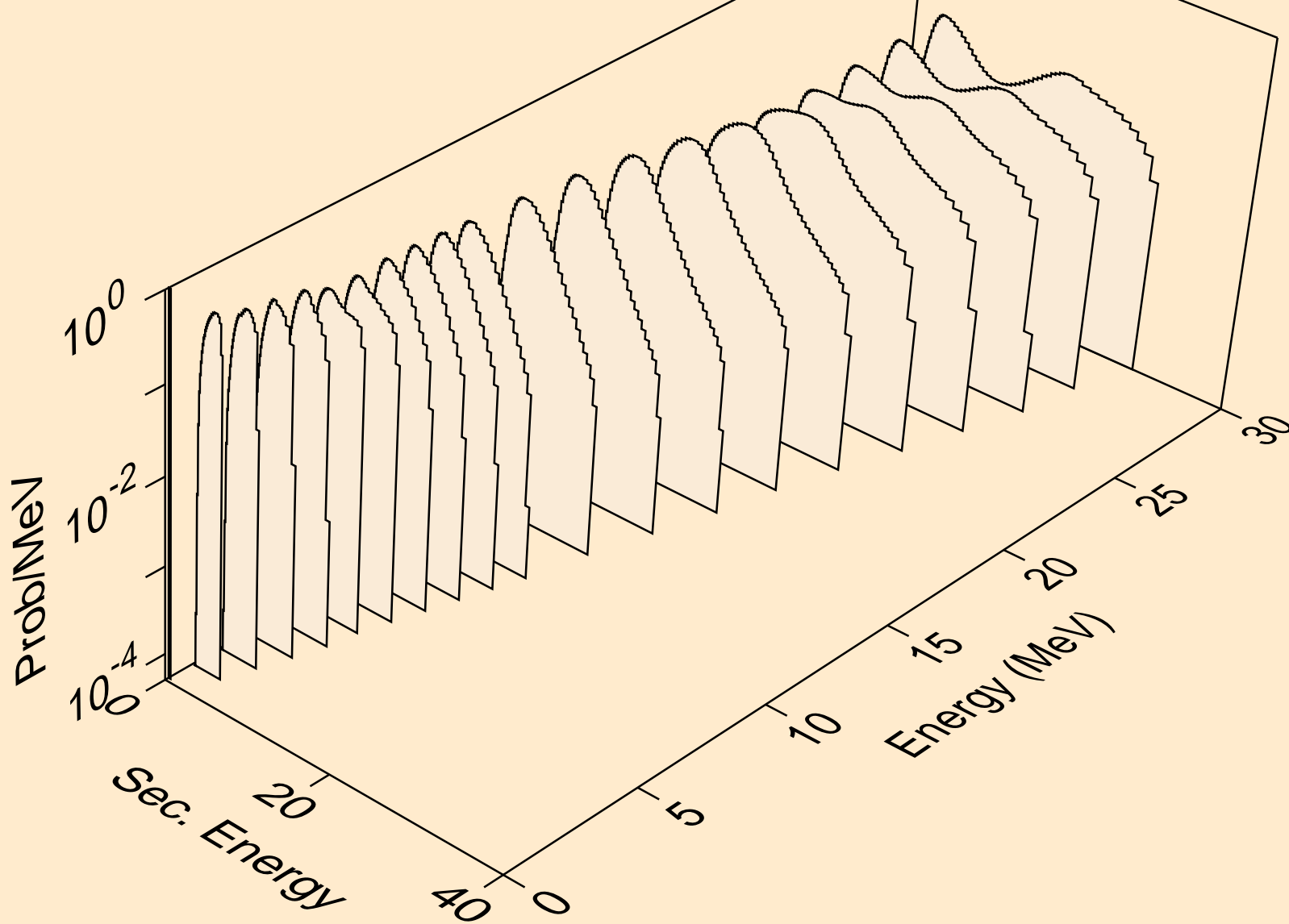
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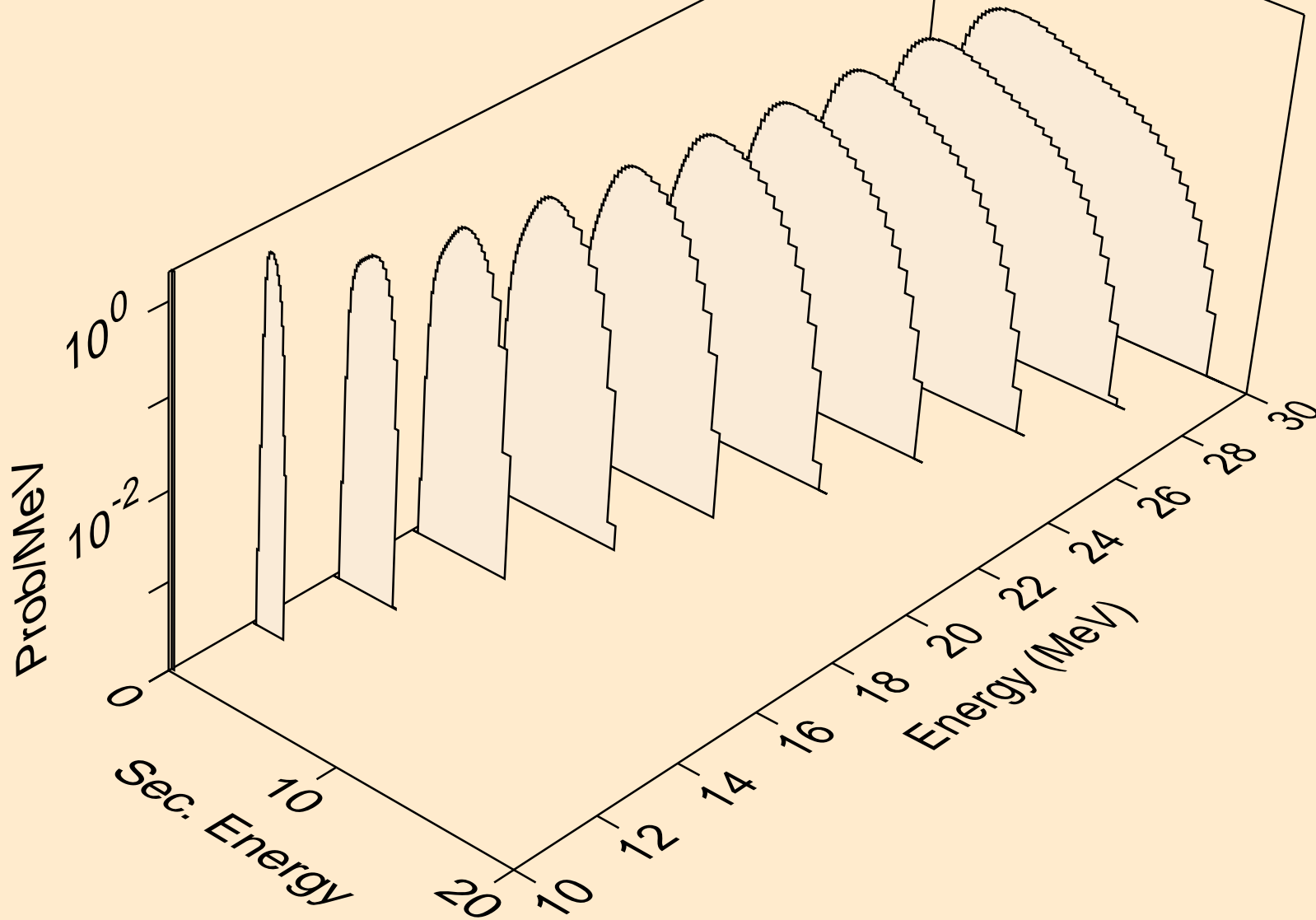
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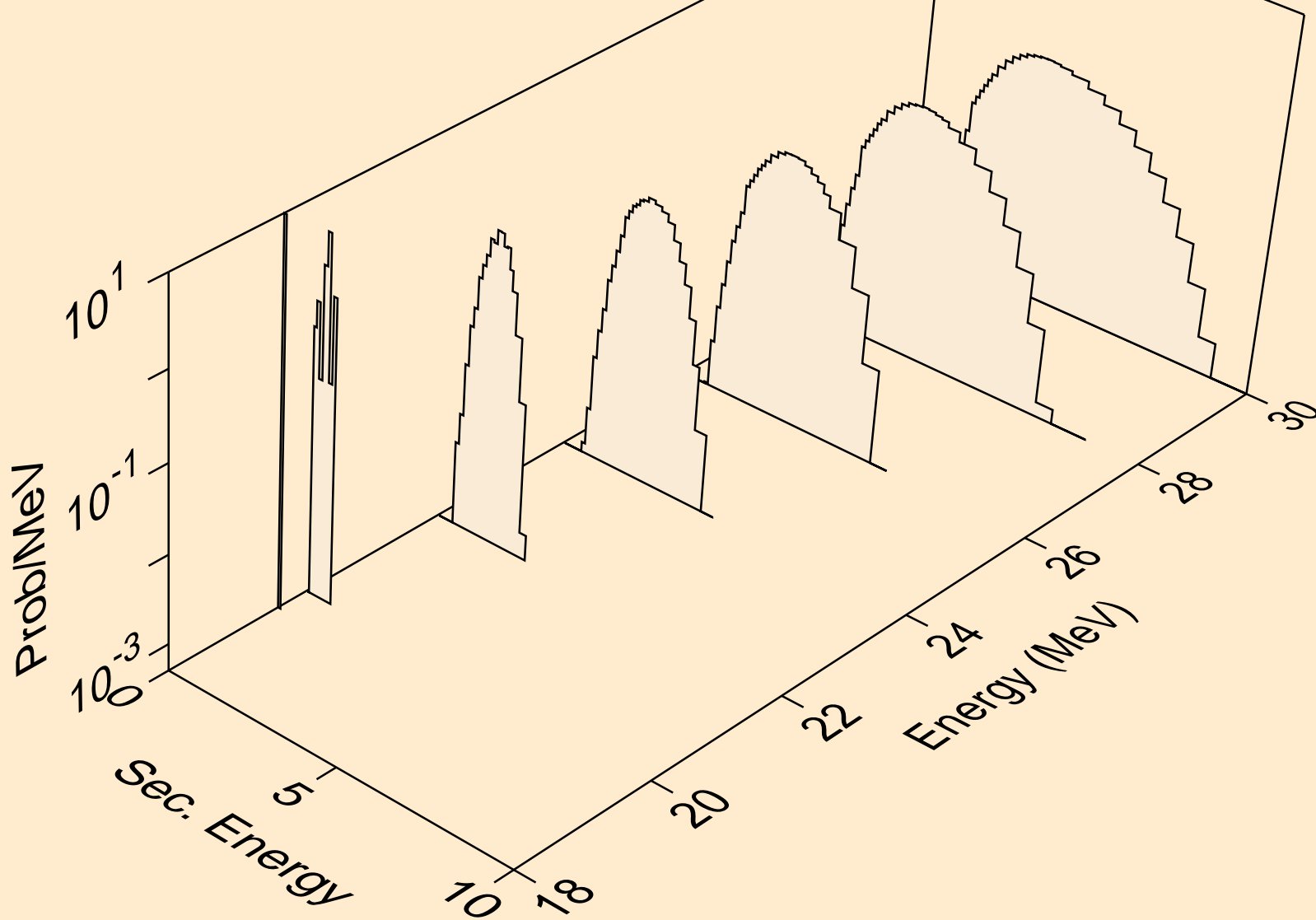
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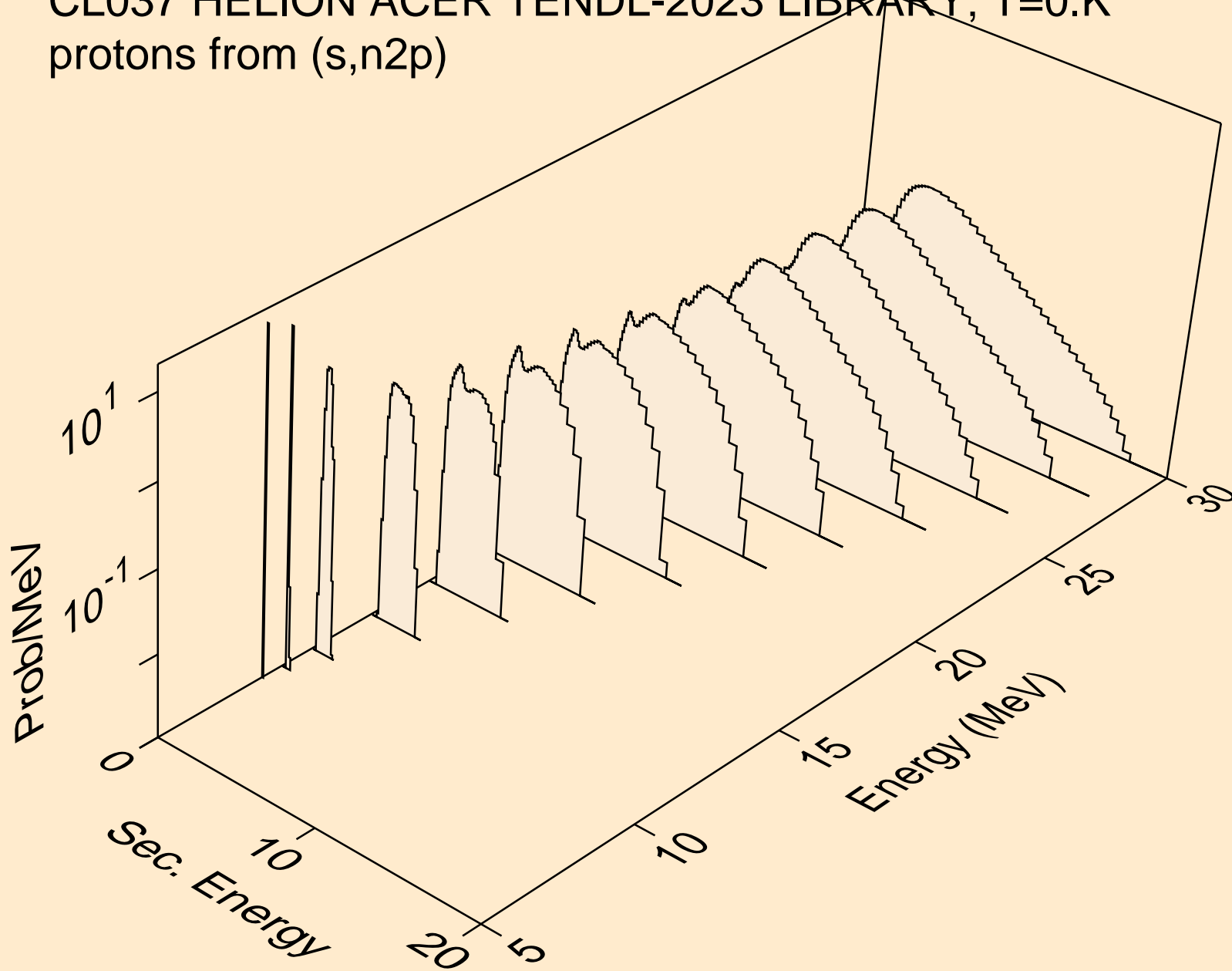
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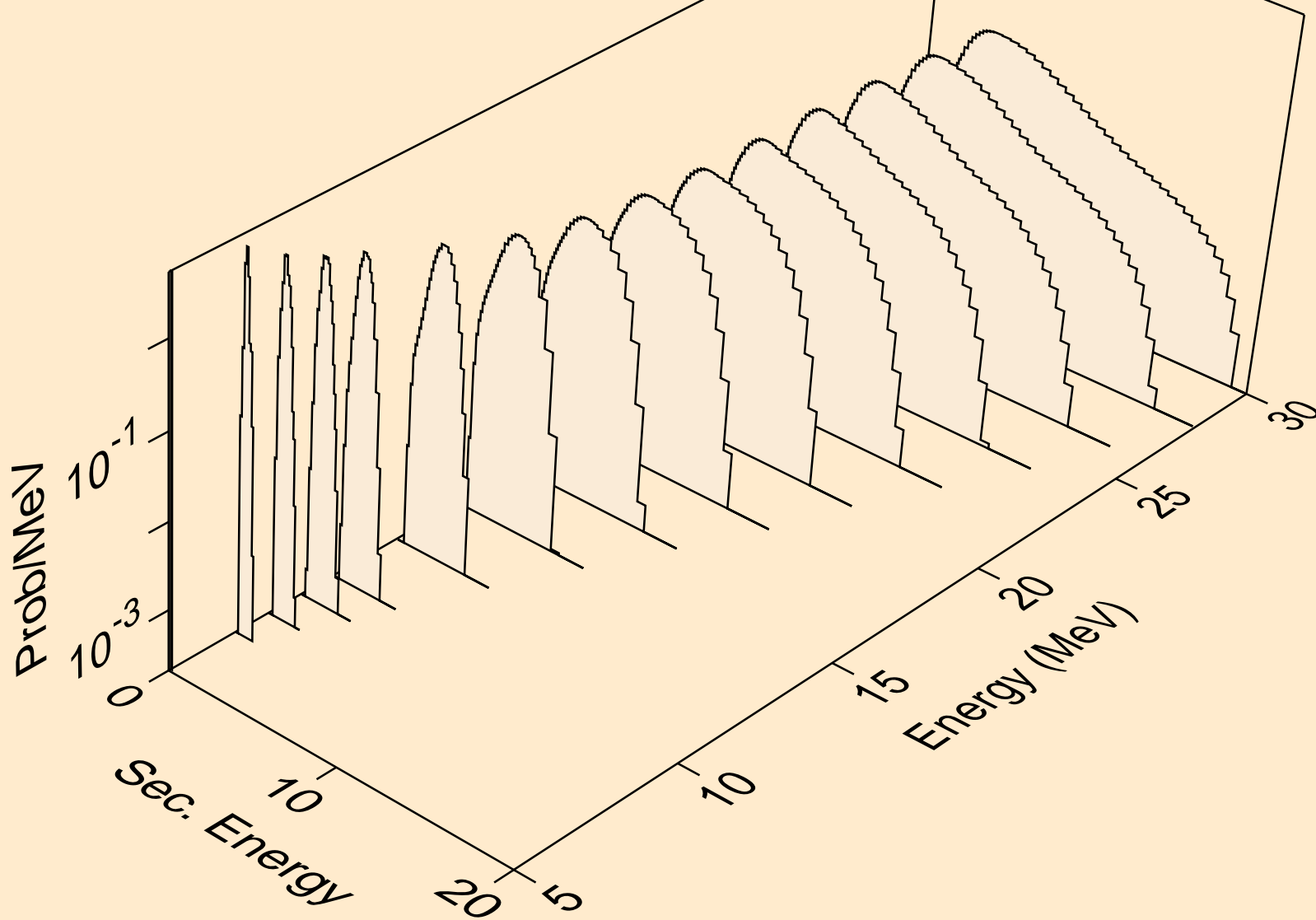
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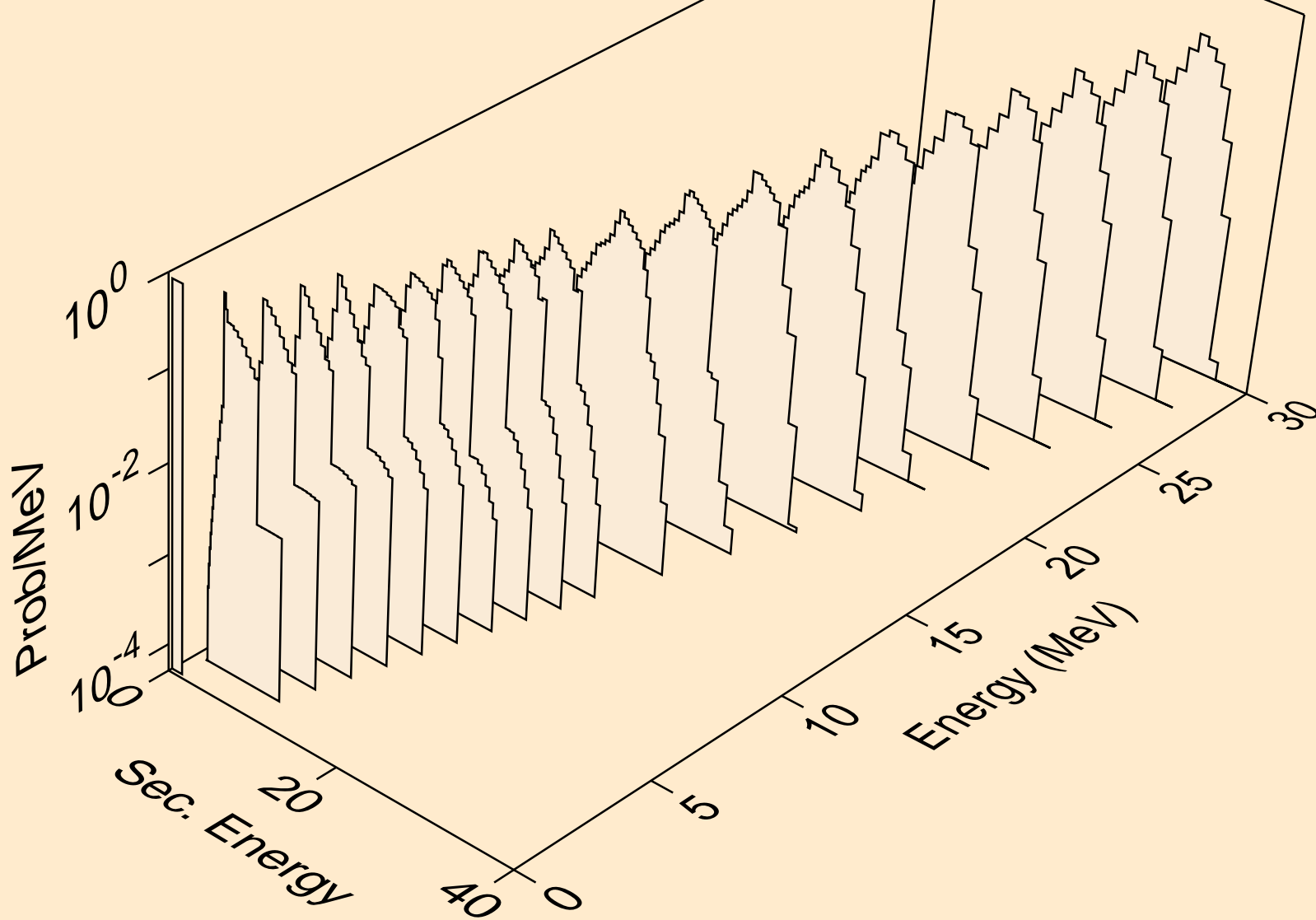


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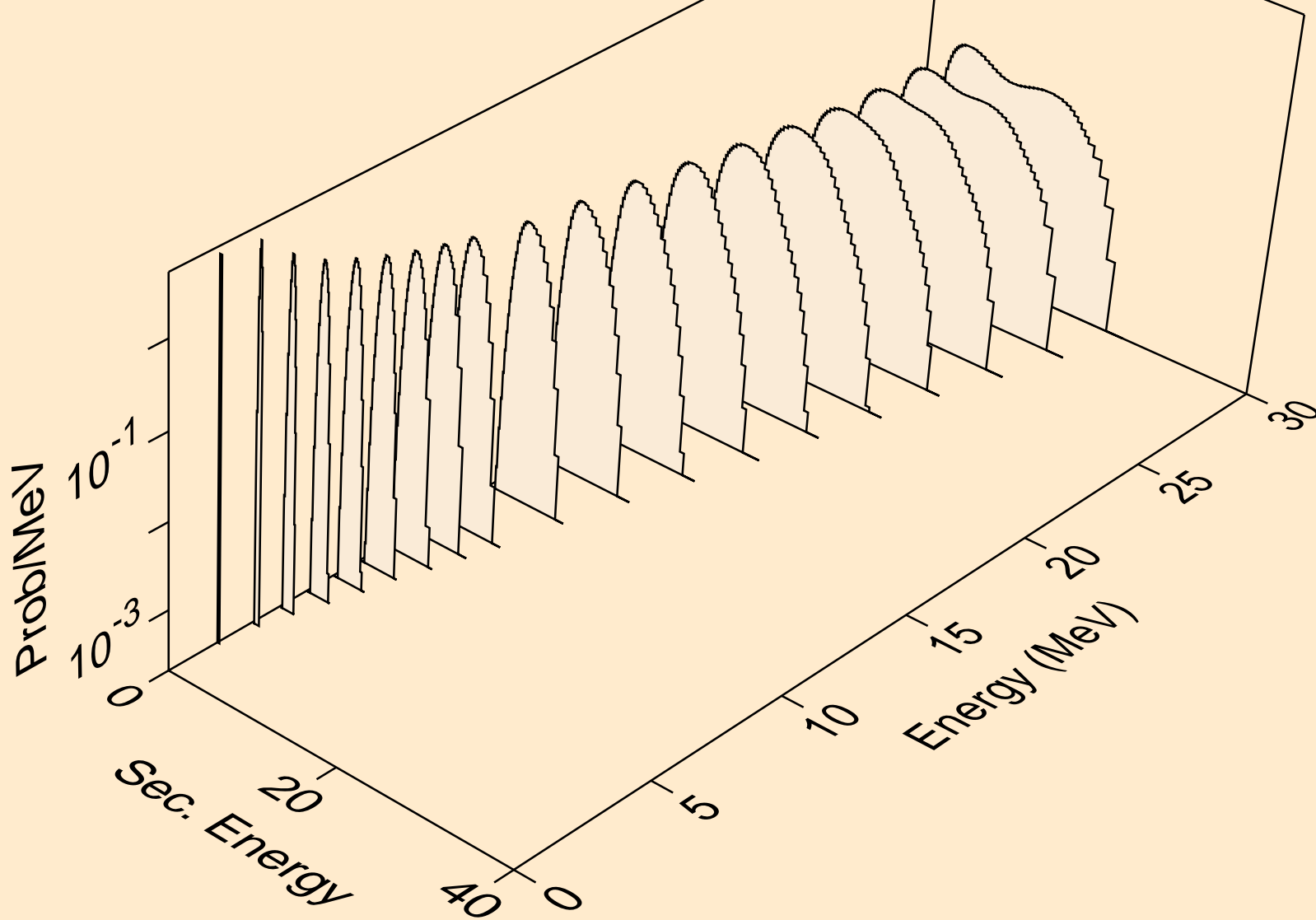




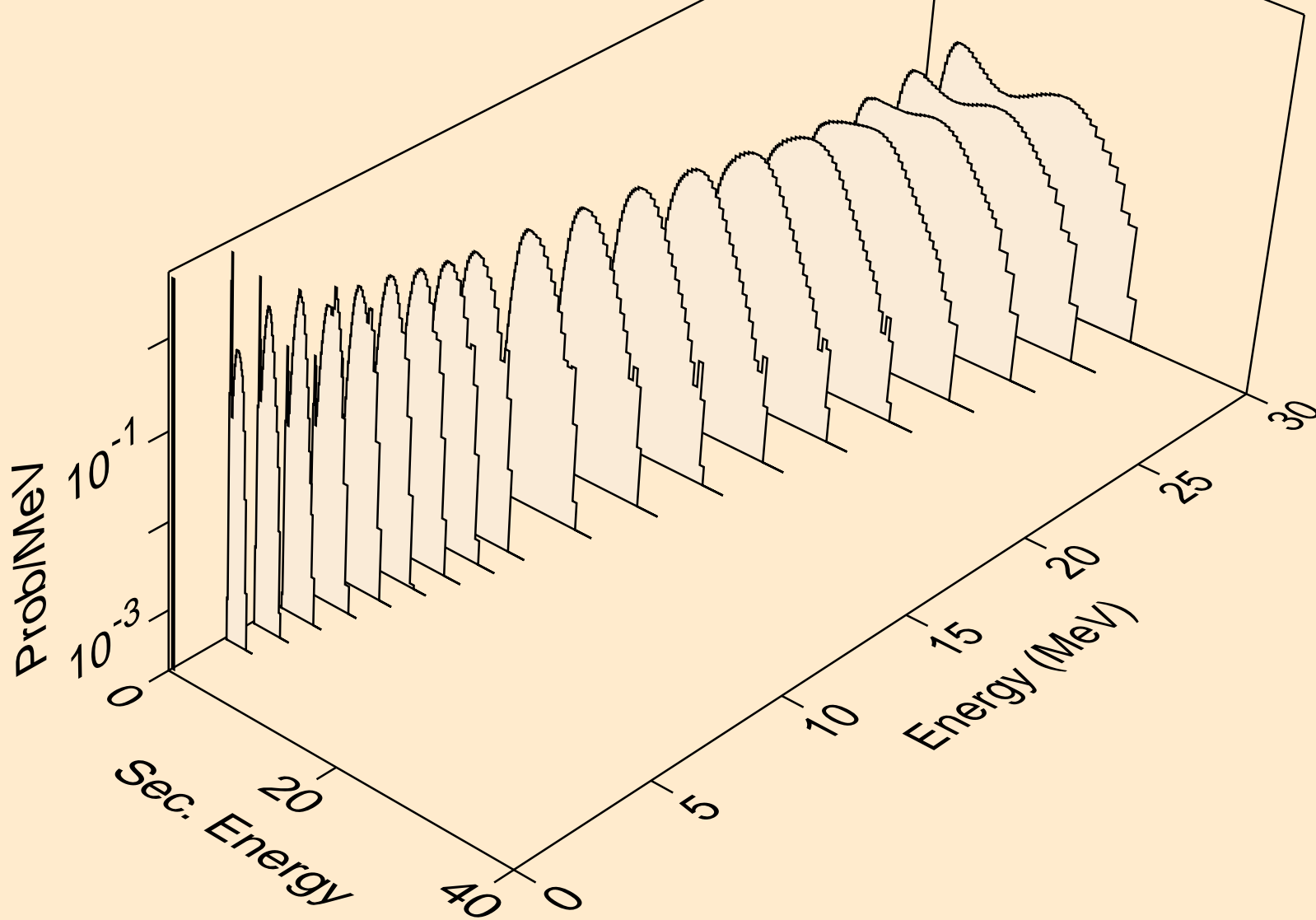
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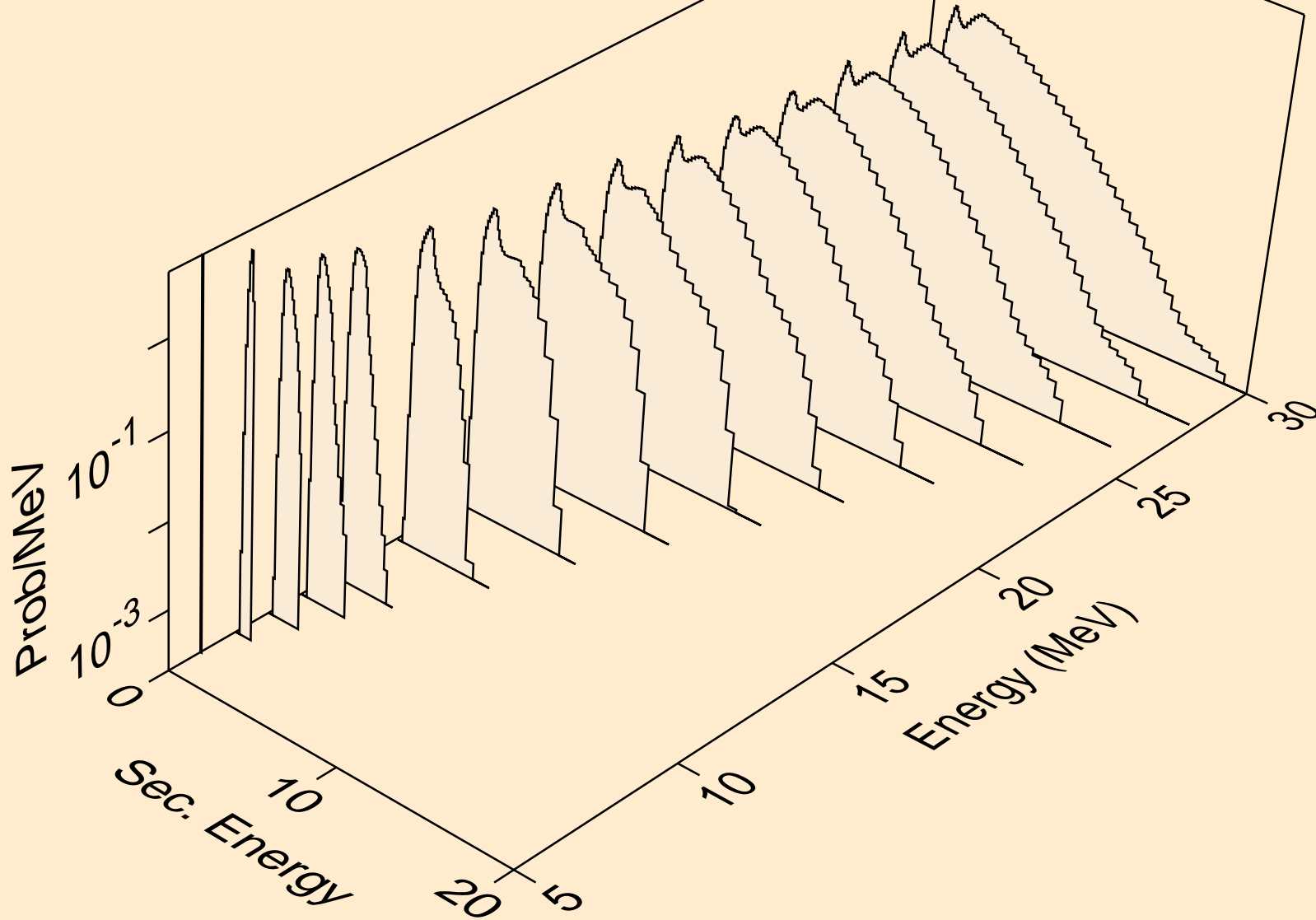
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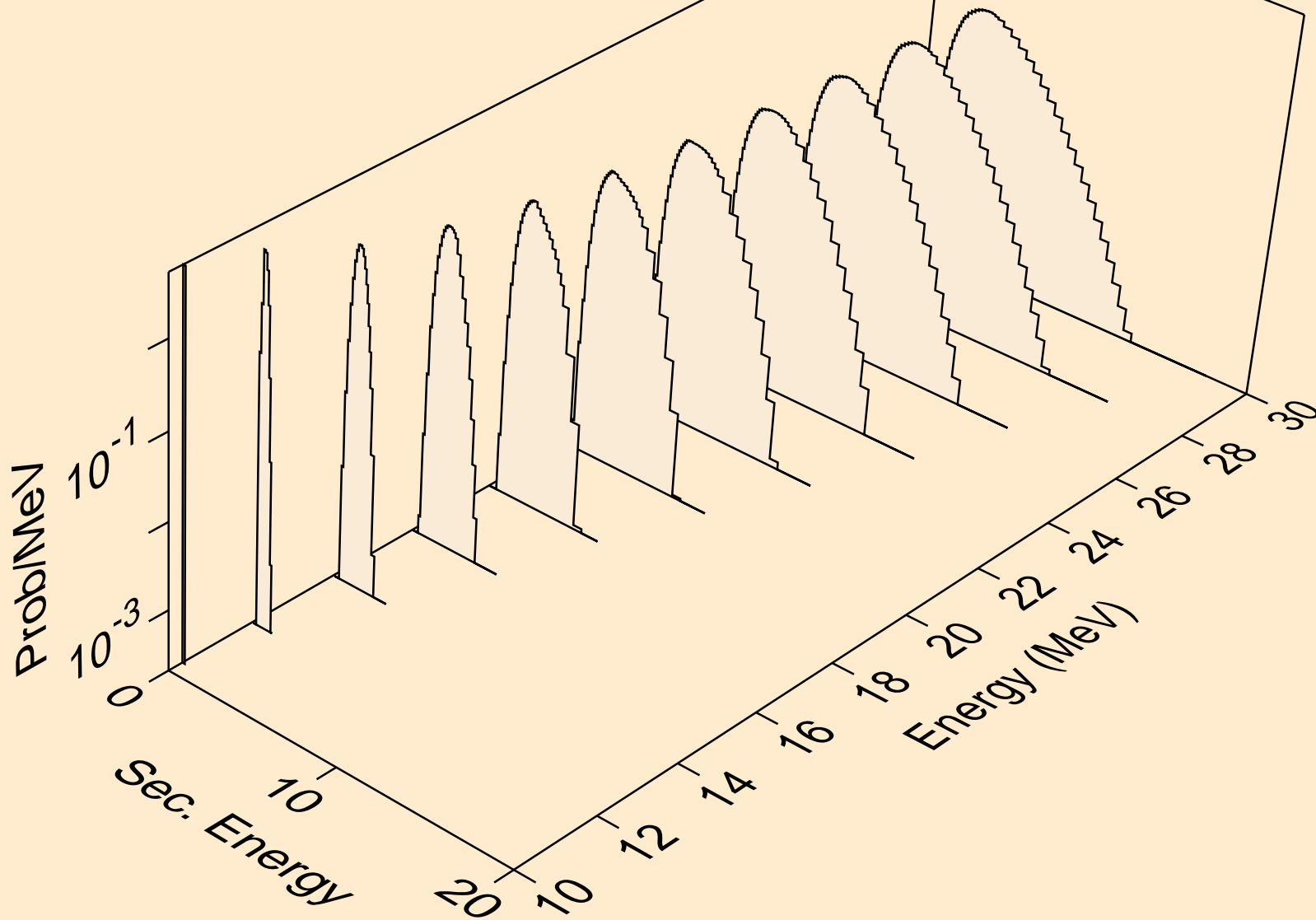
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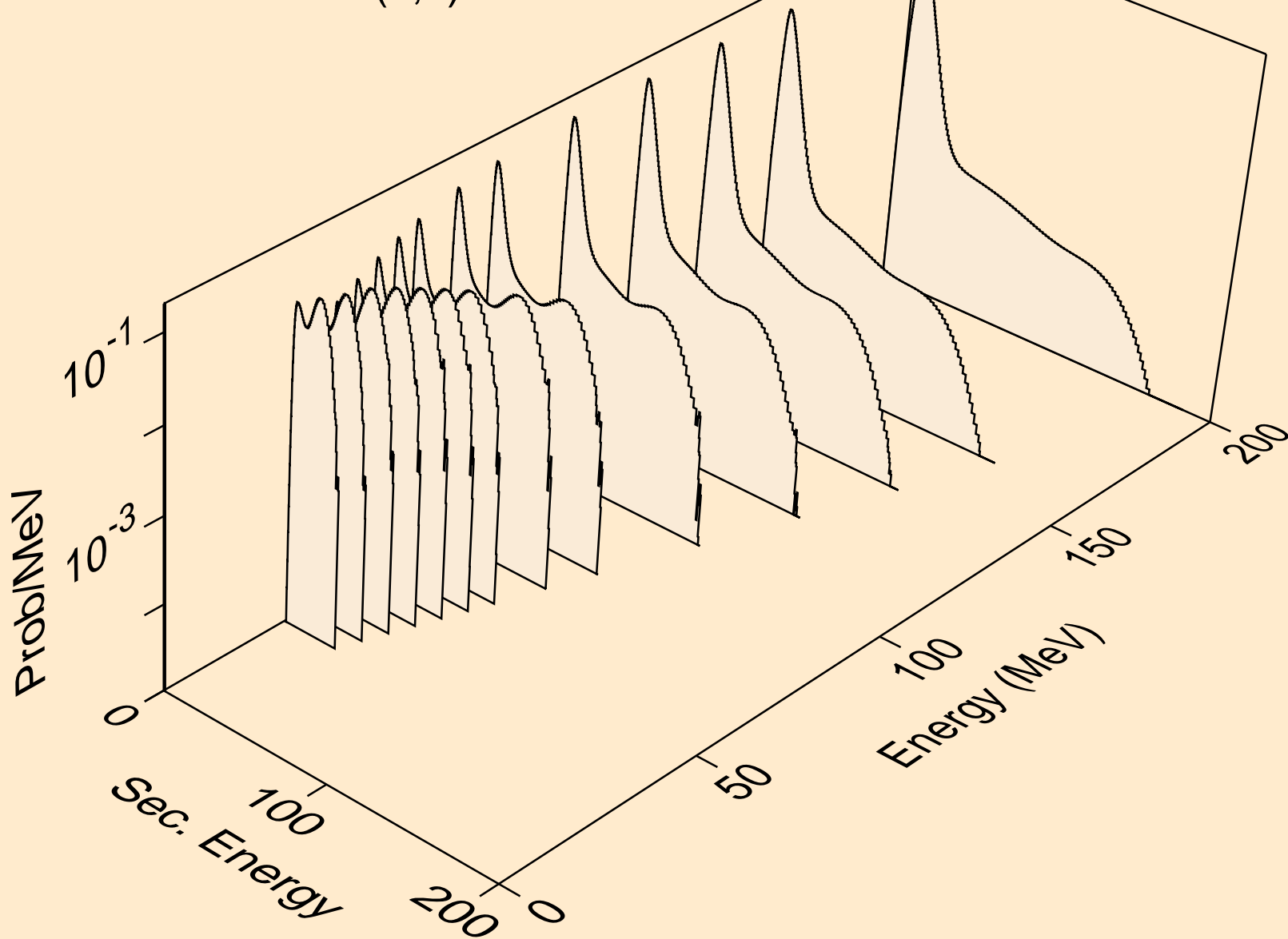
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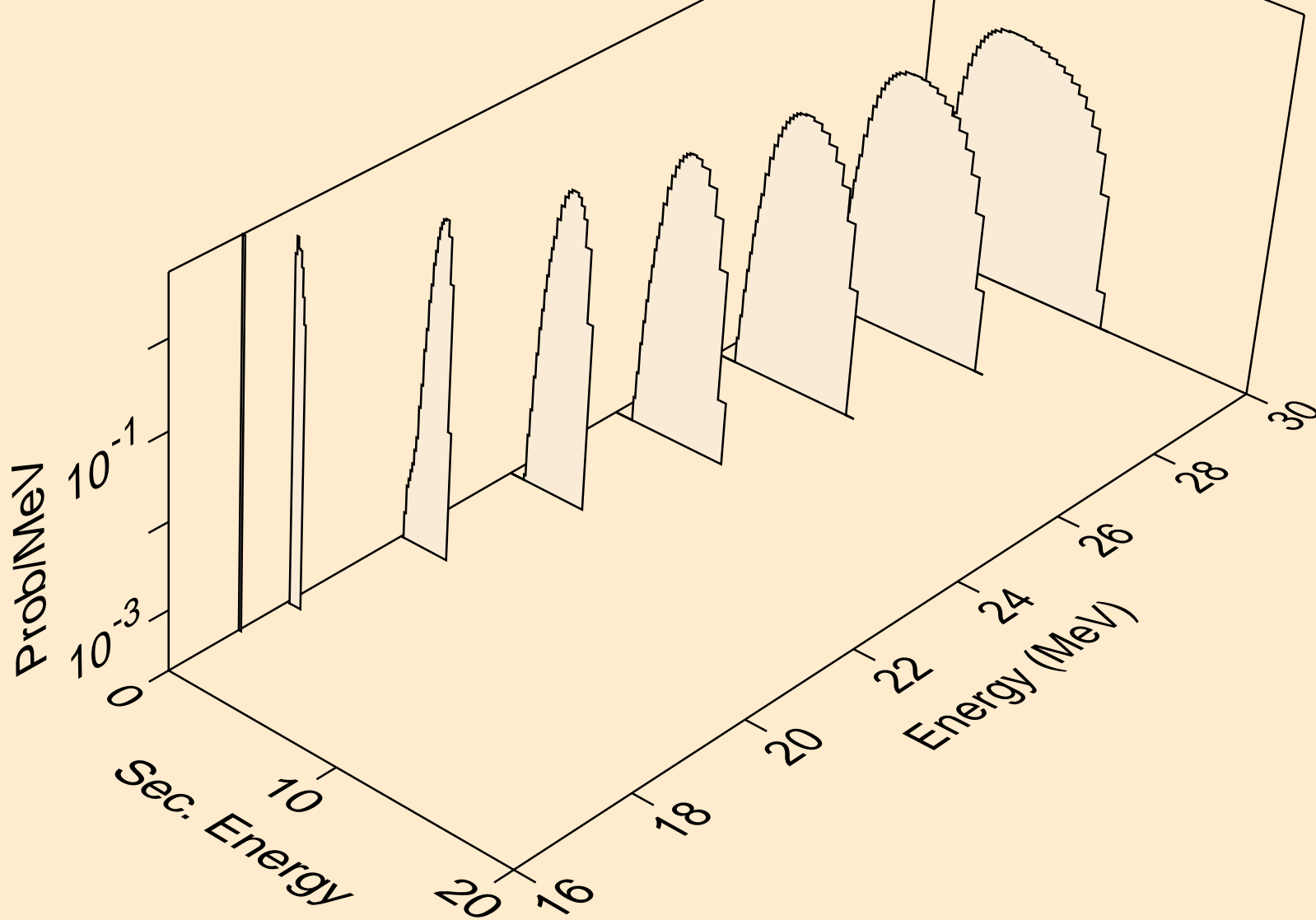
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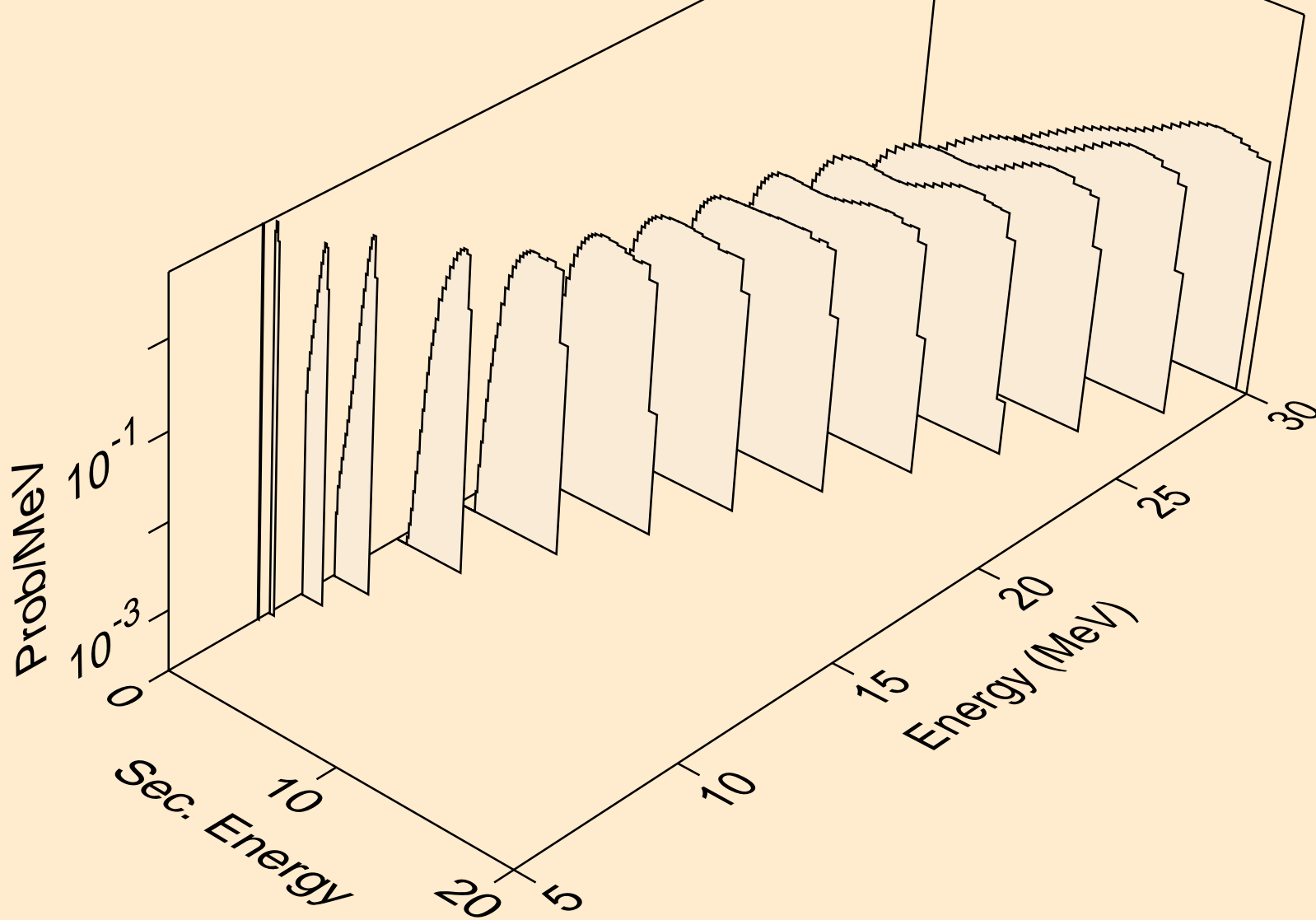
CL037 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,x)



CL037 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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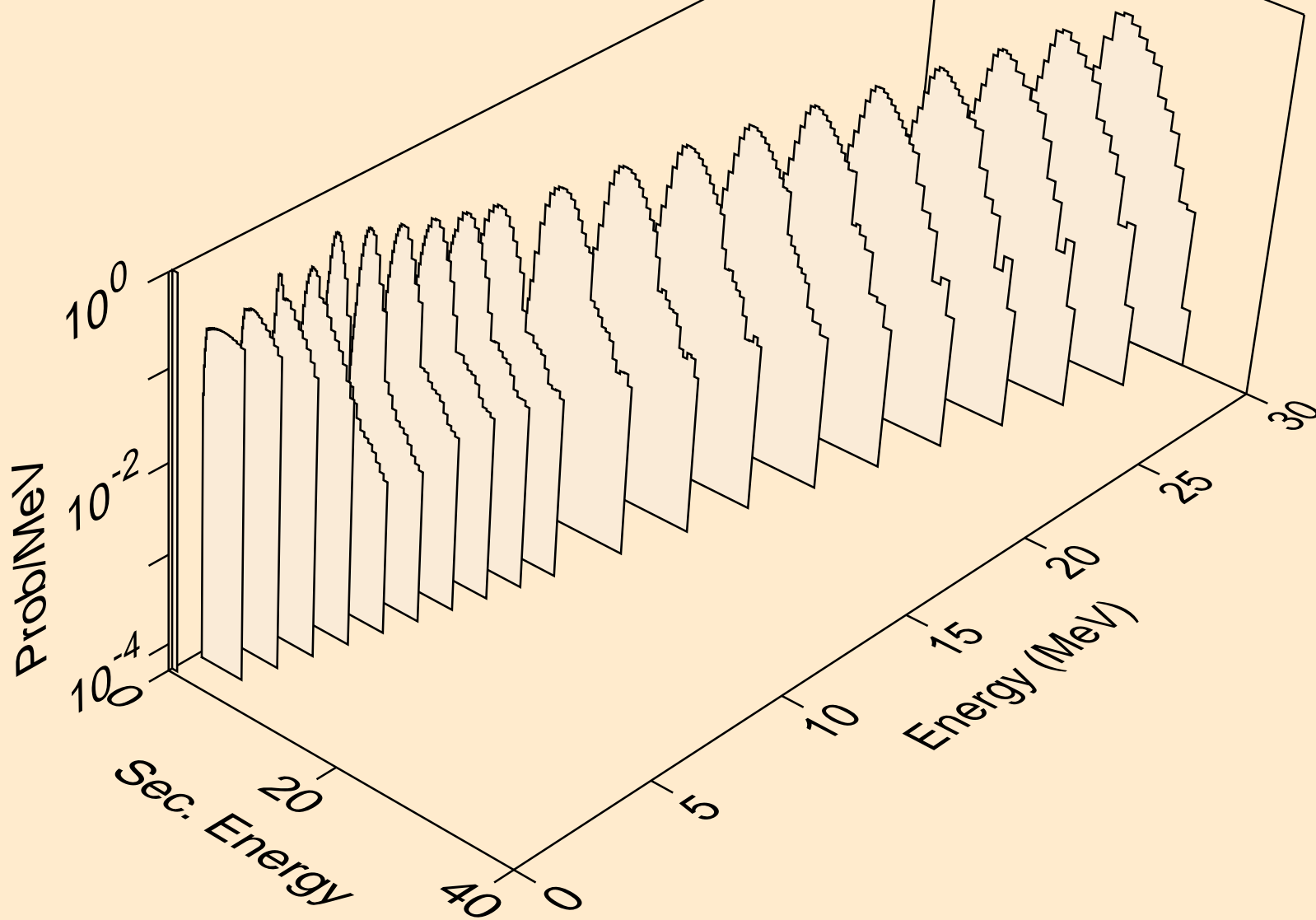


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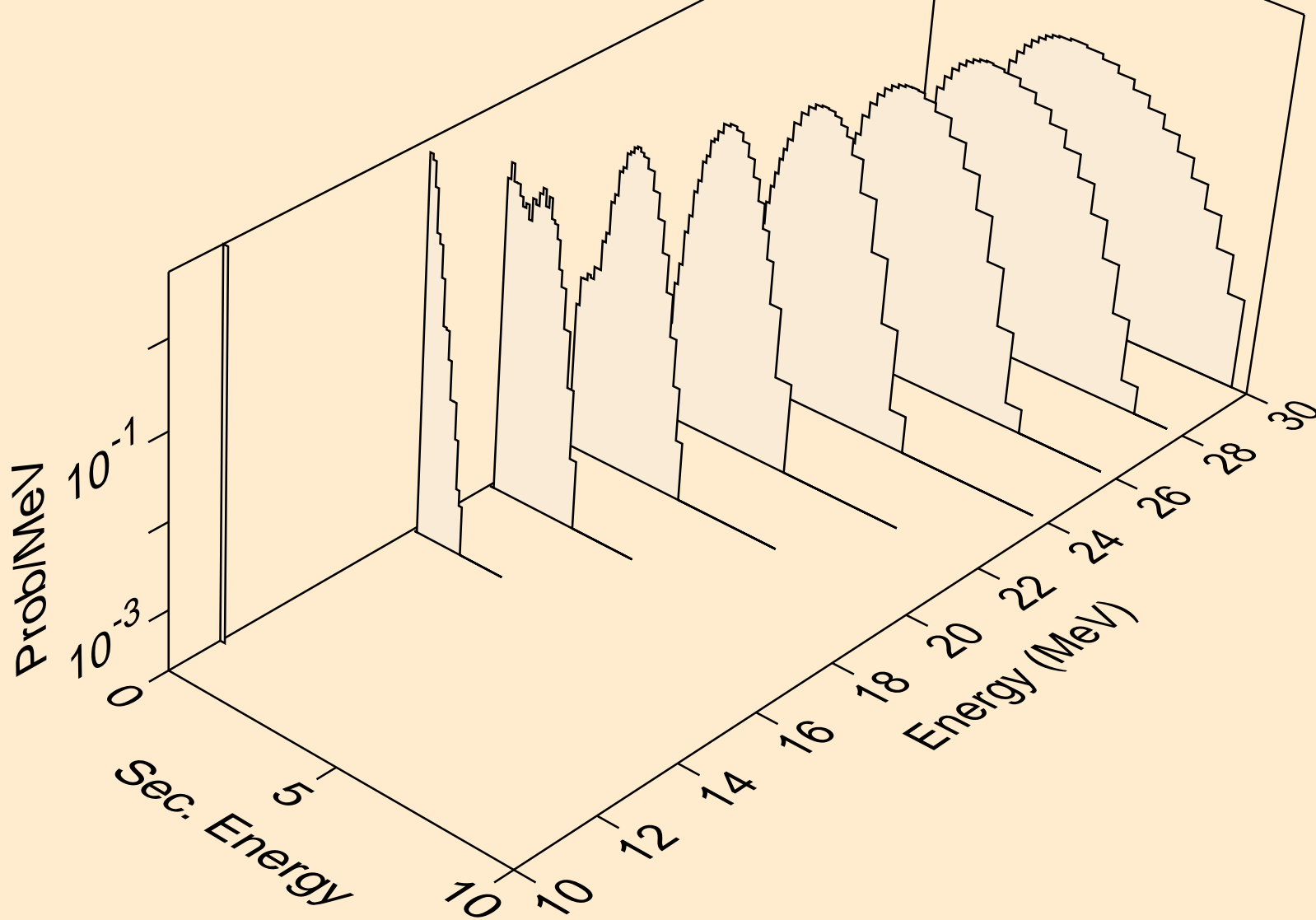




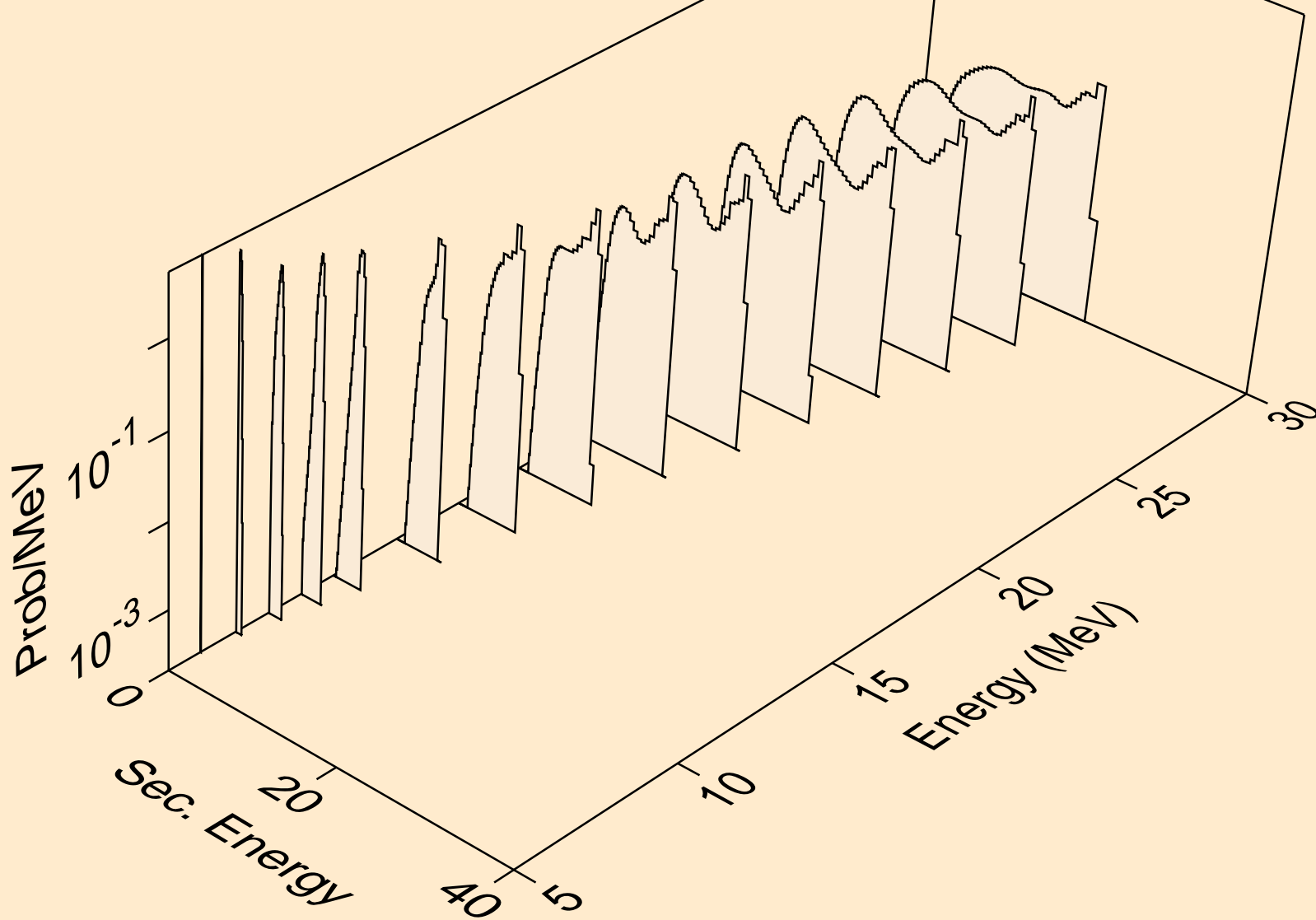
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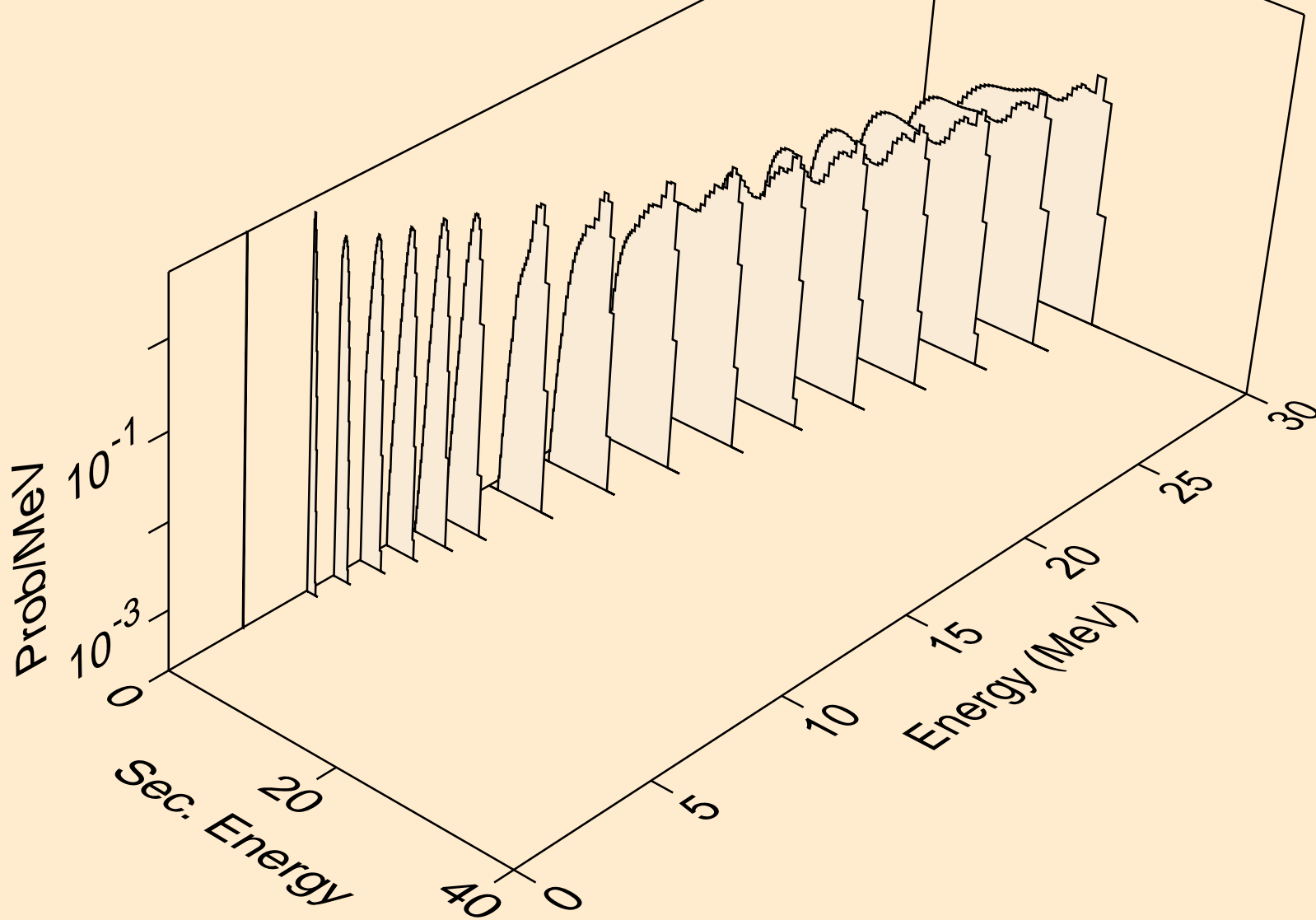
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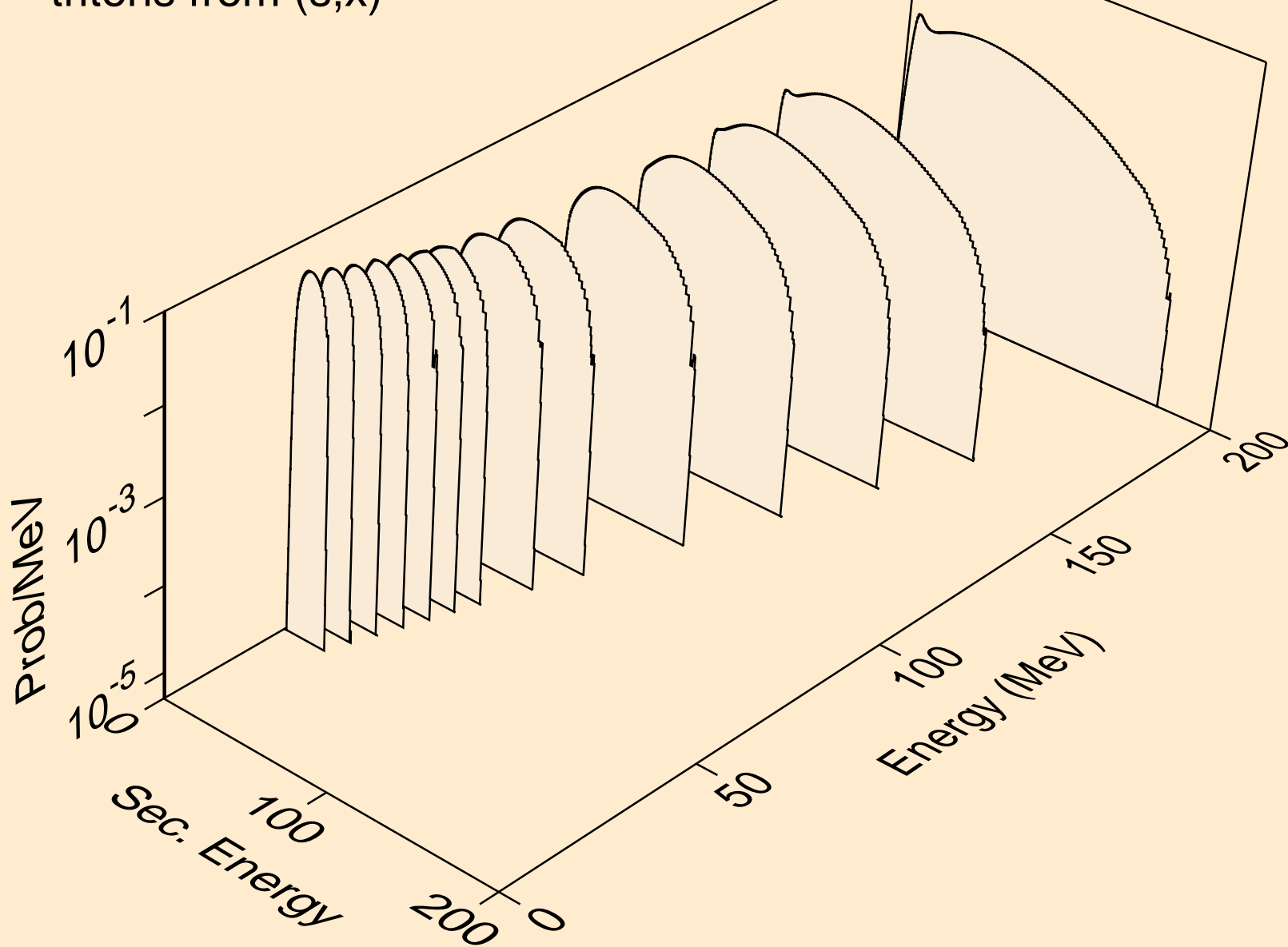
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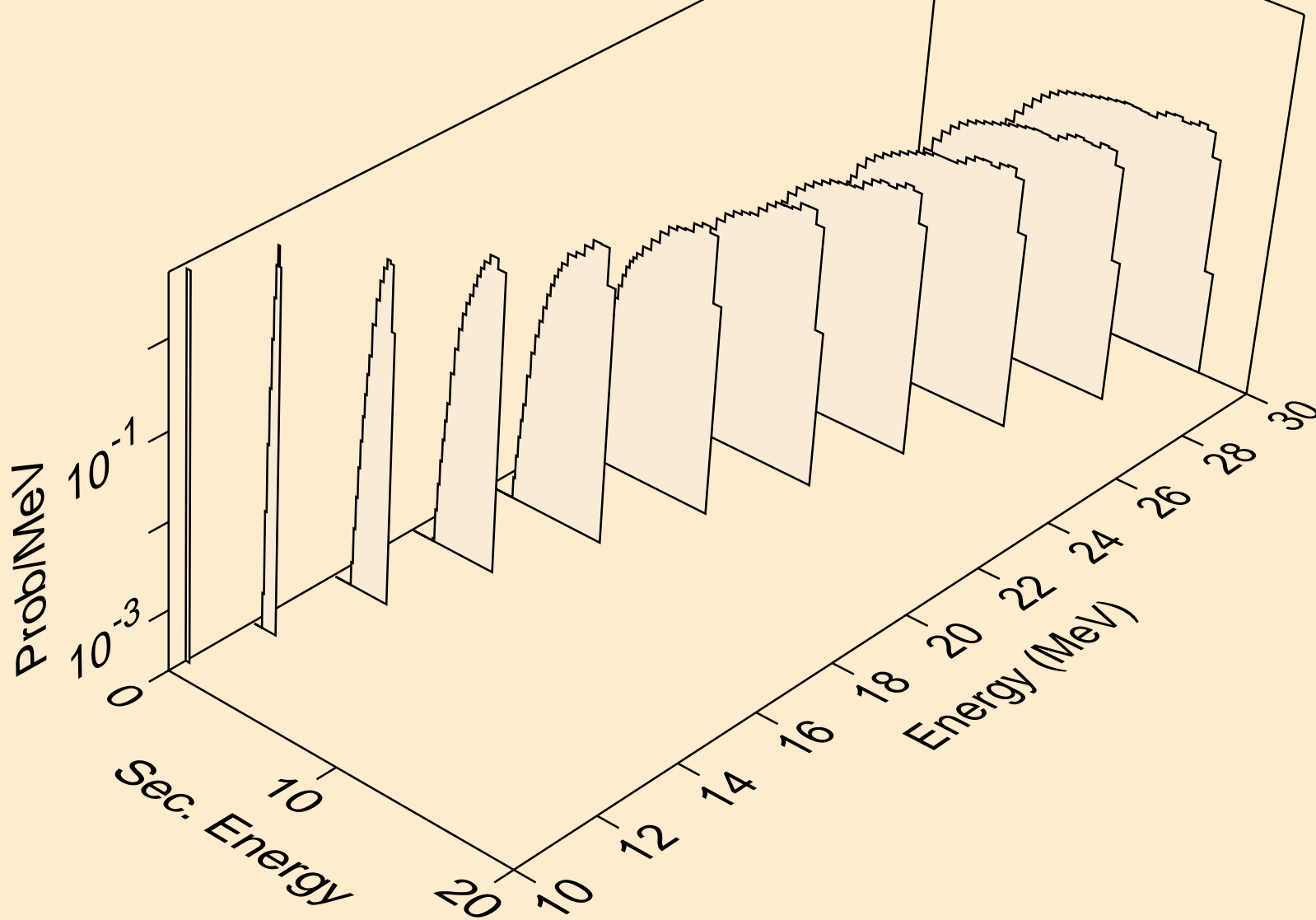
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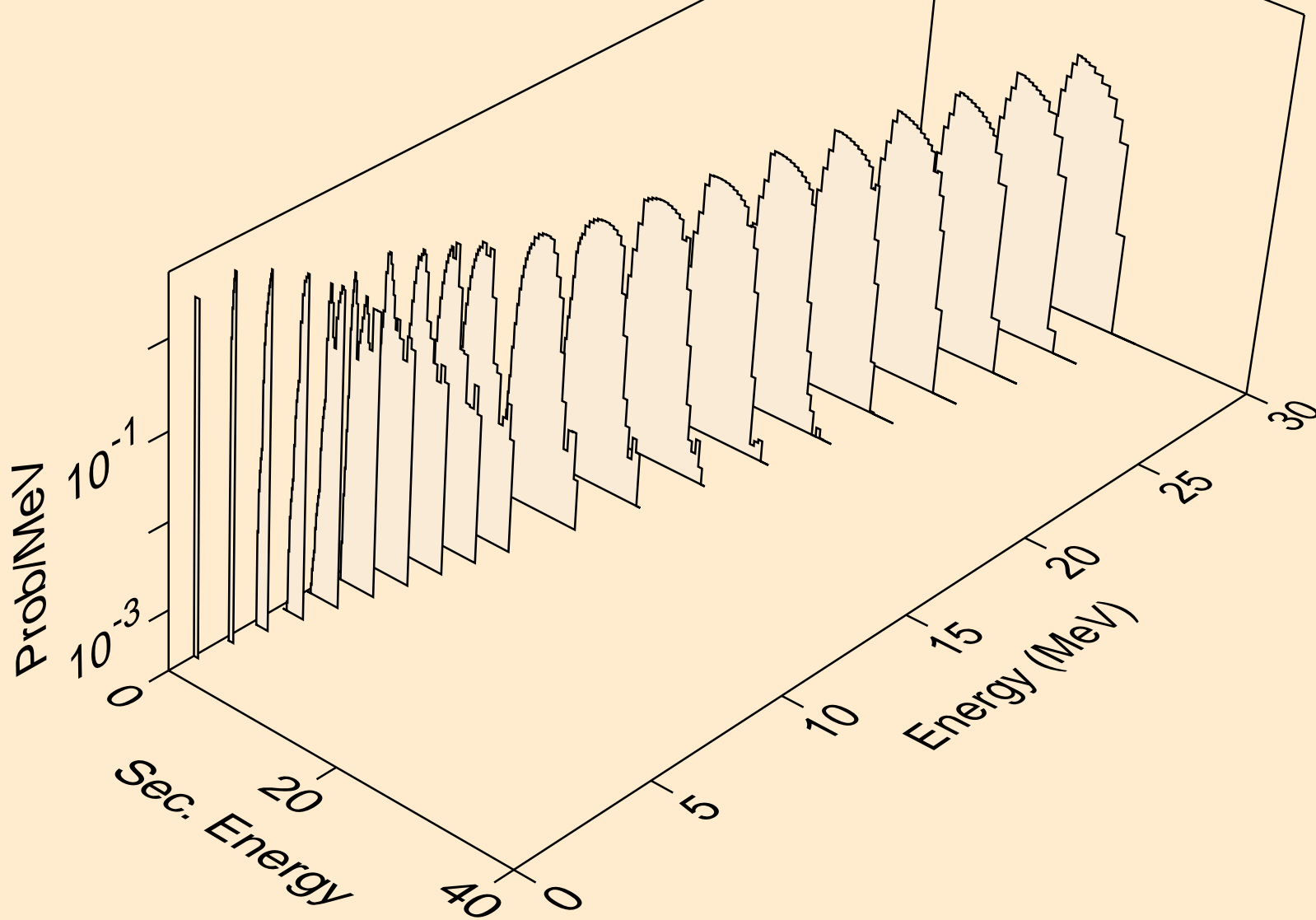
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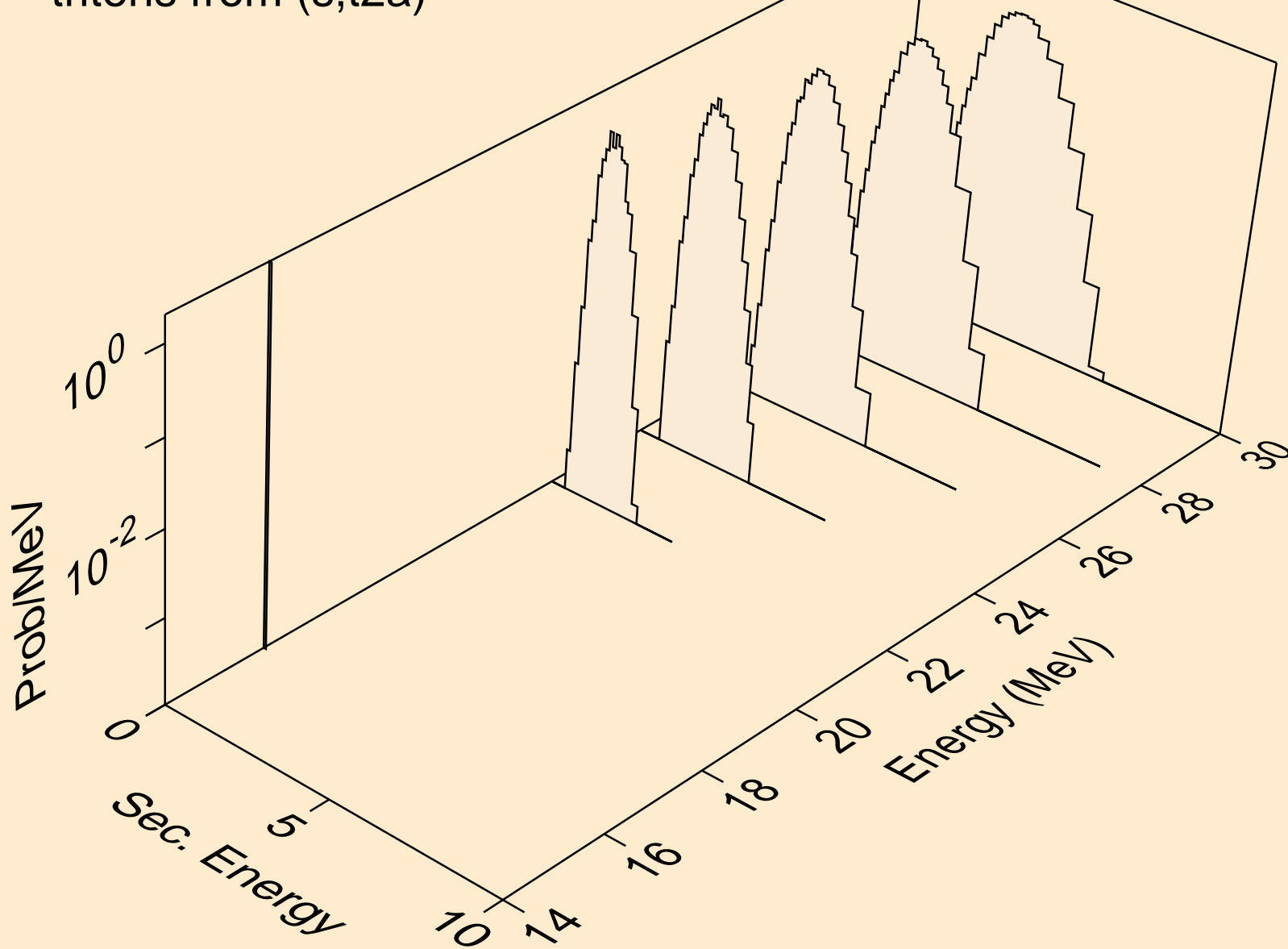
CL037 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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CL037 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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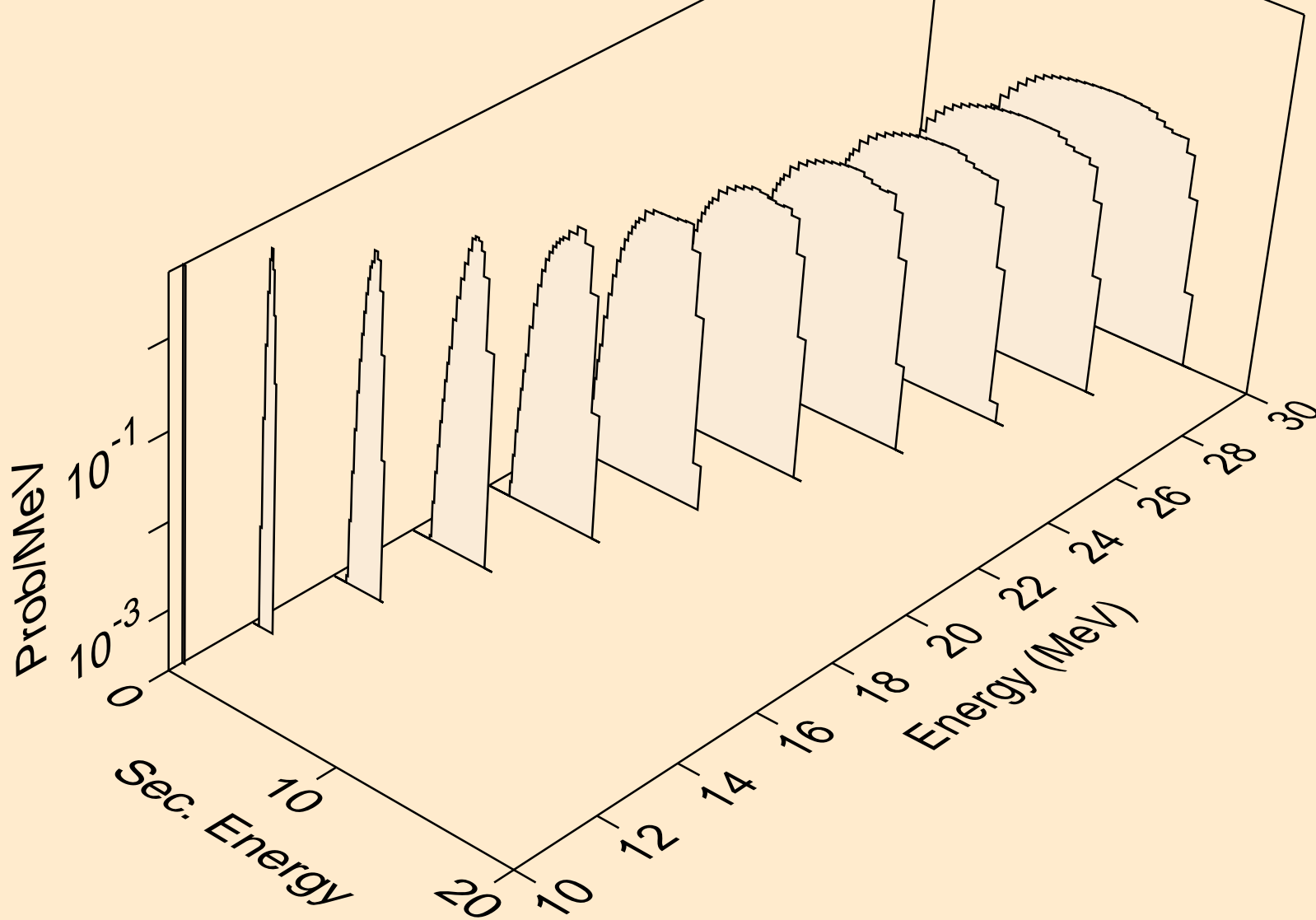


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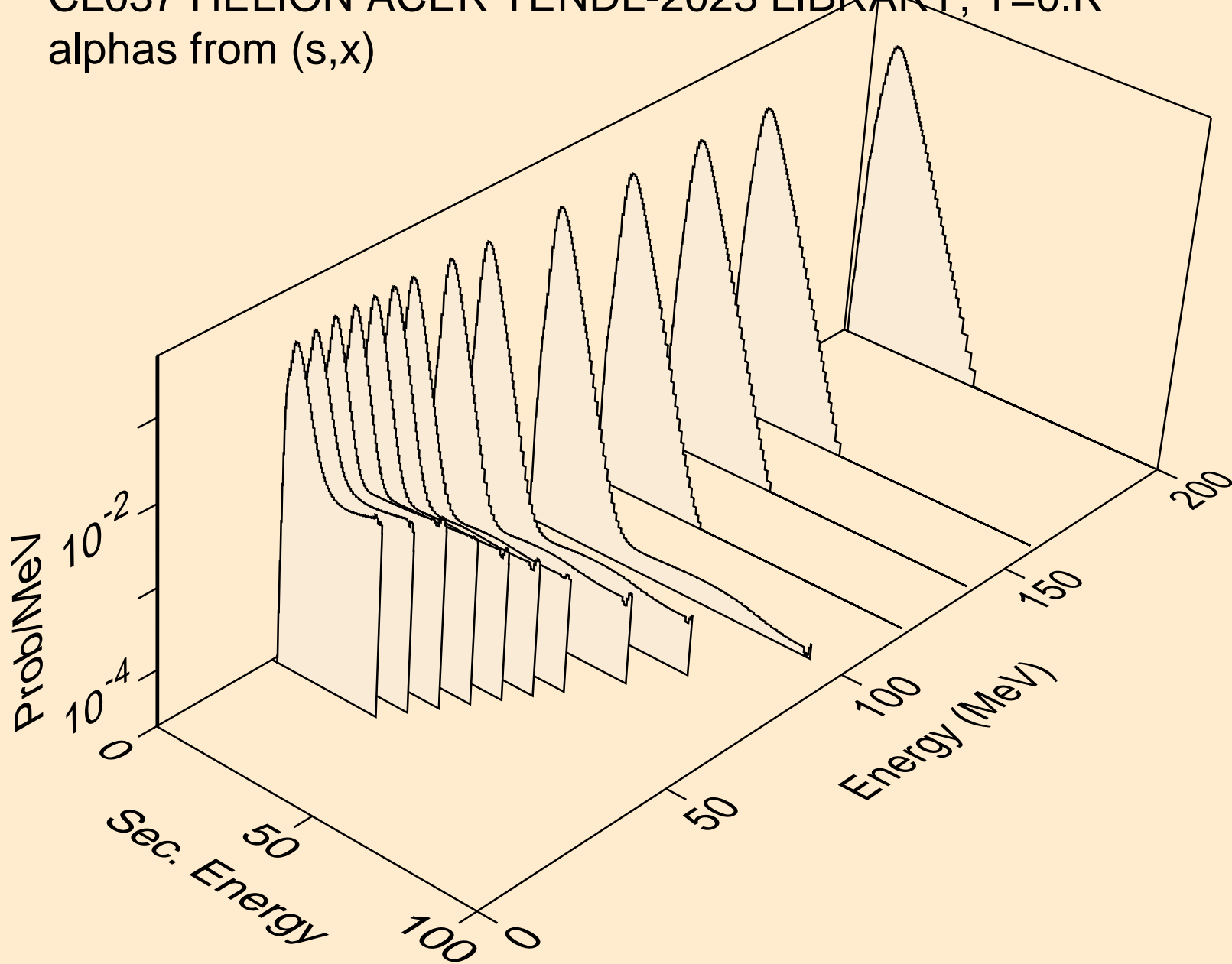




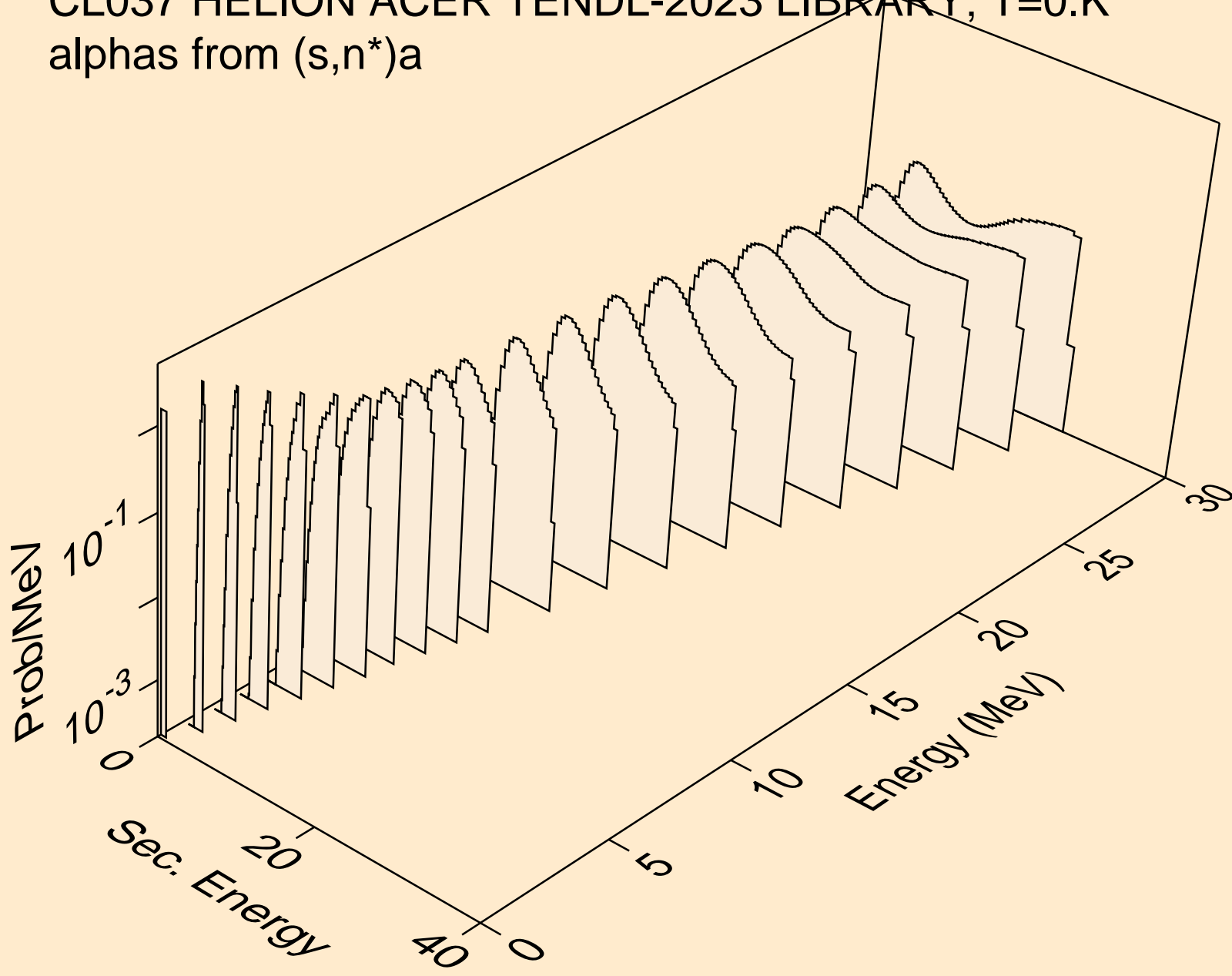
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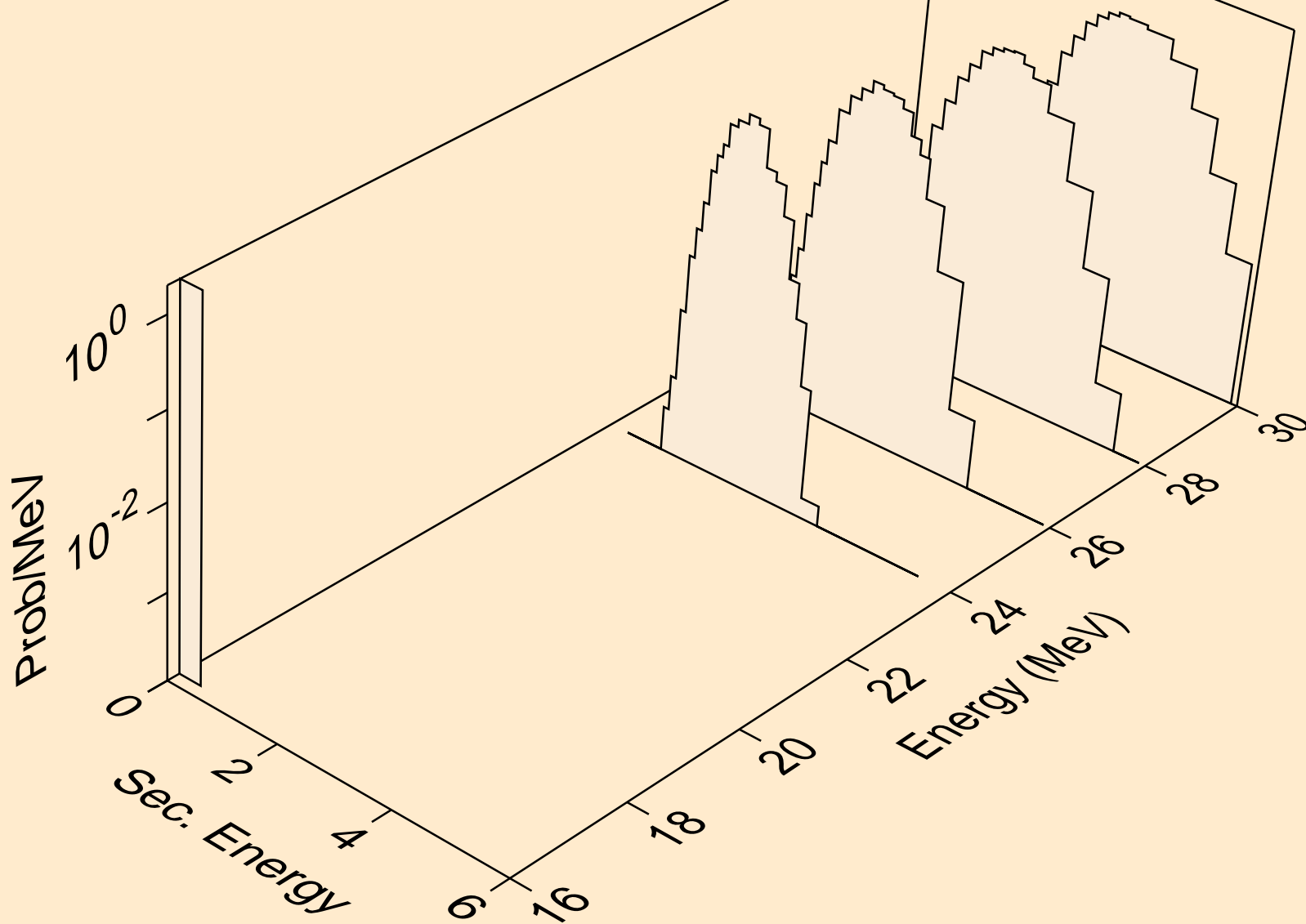
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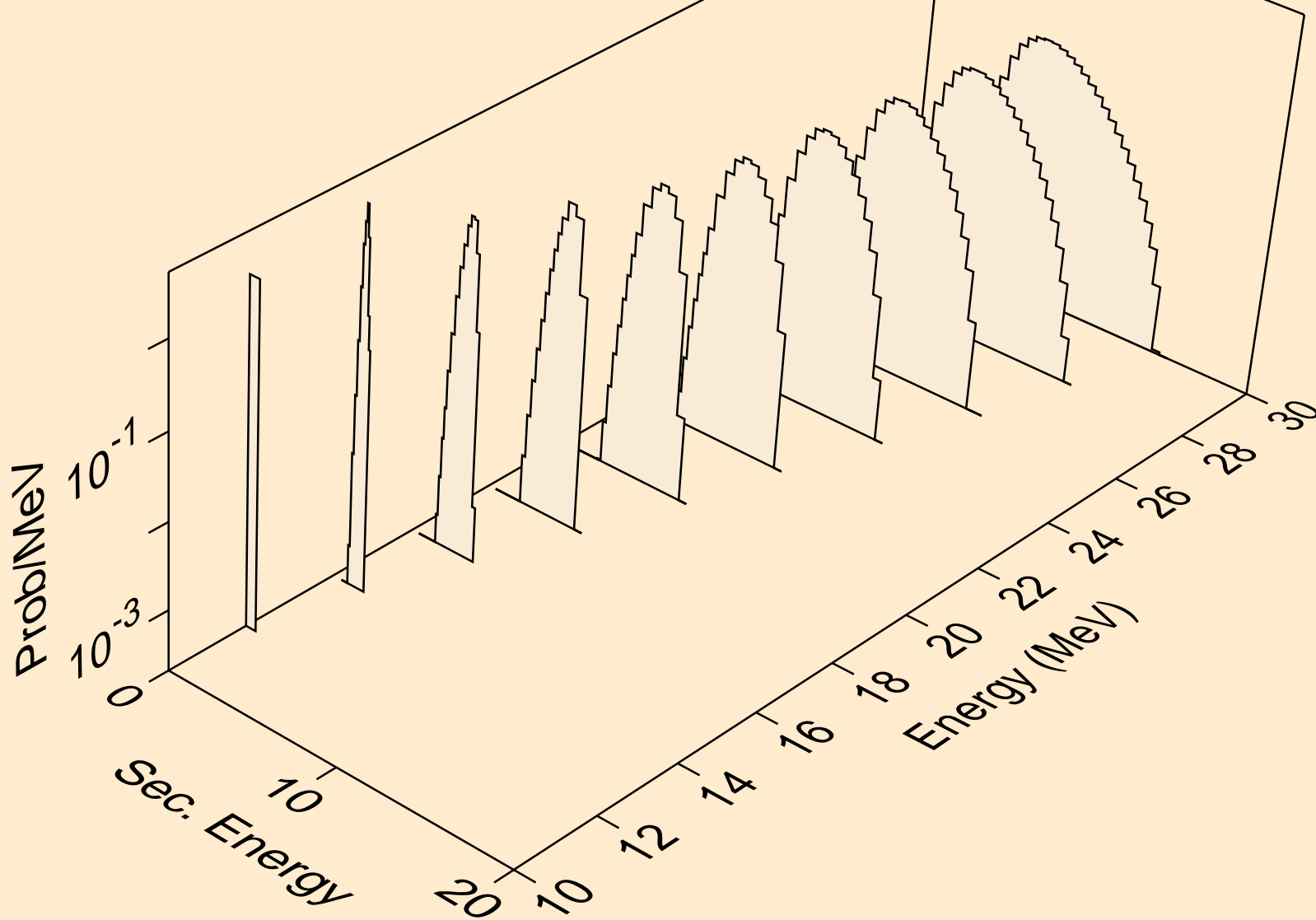
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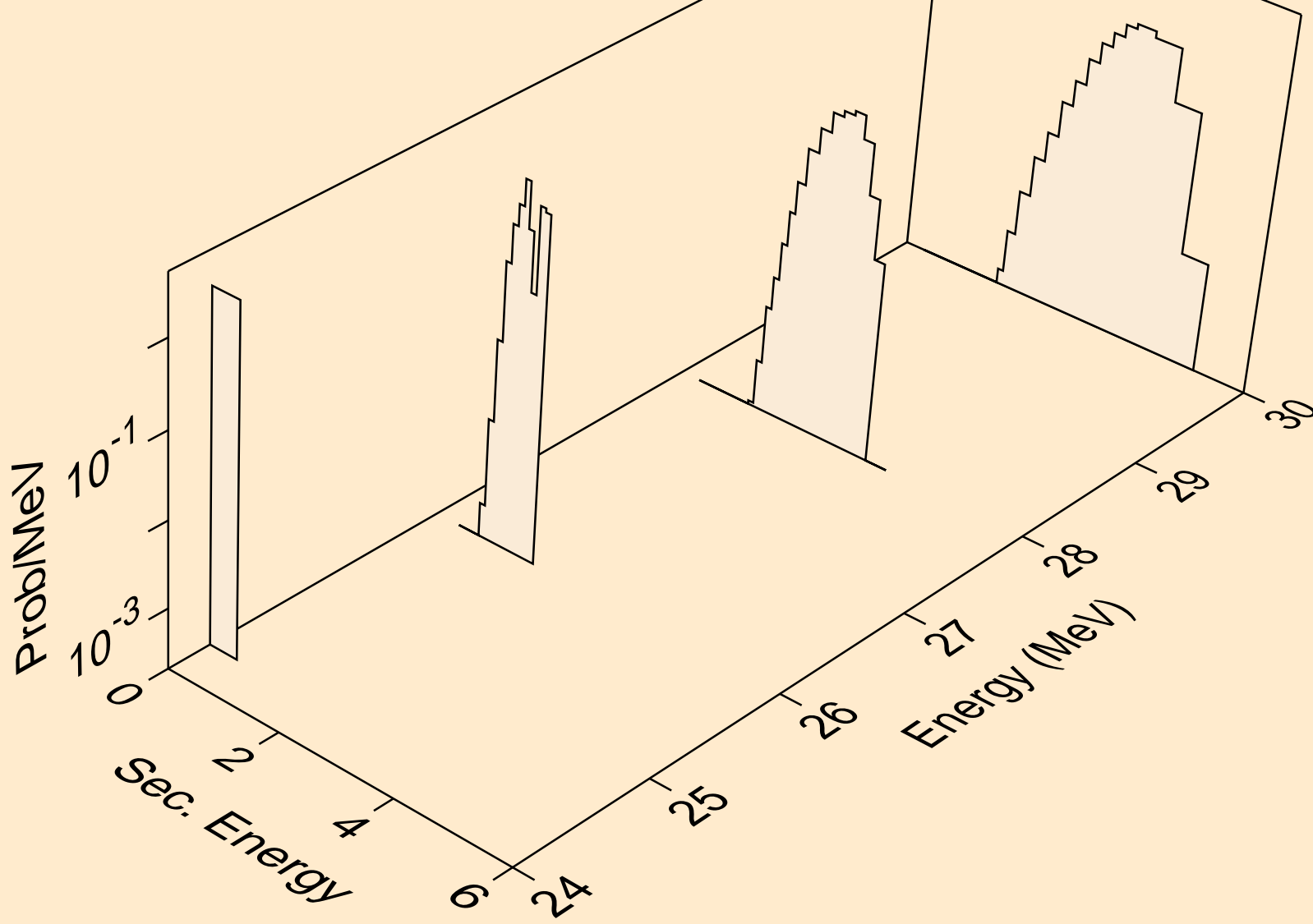
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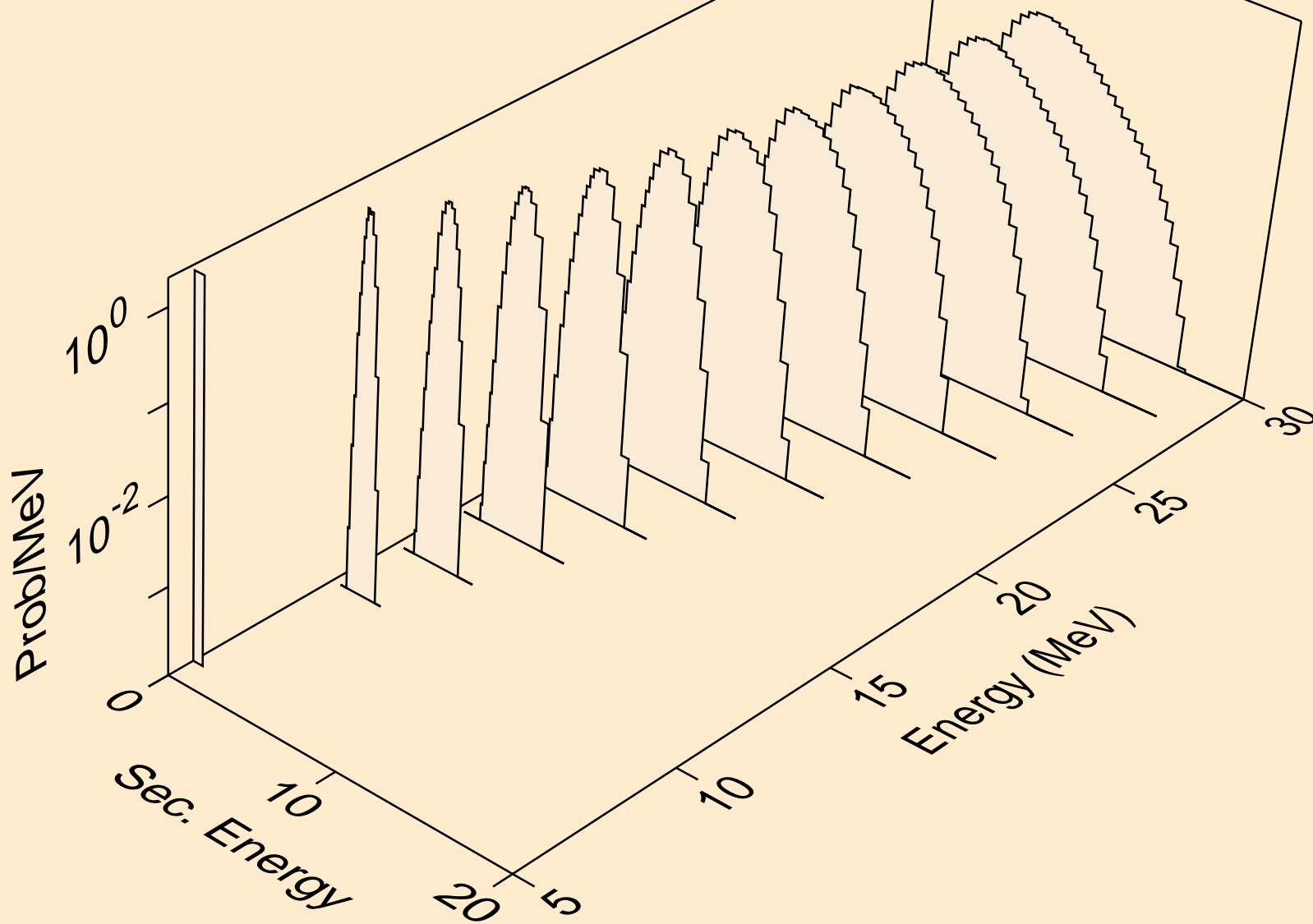
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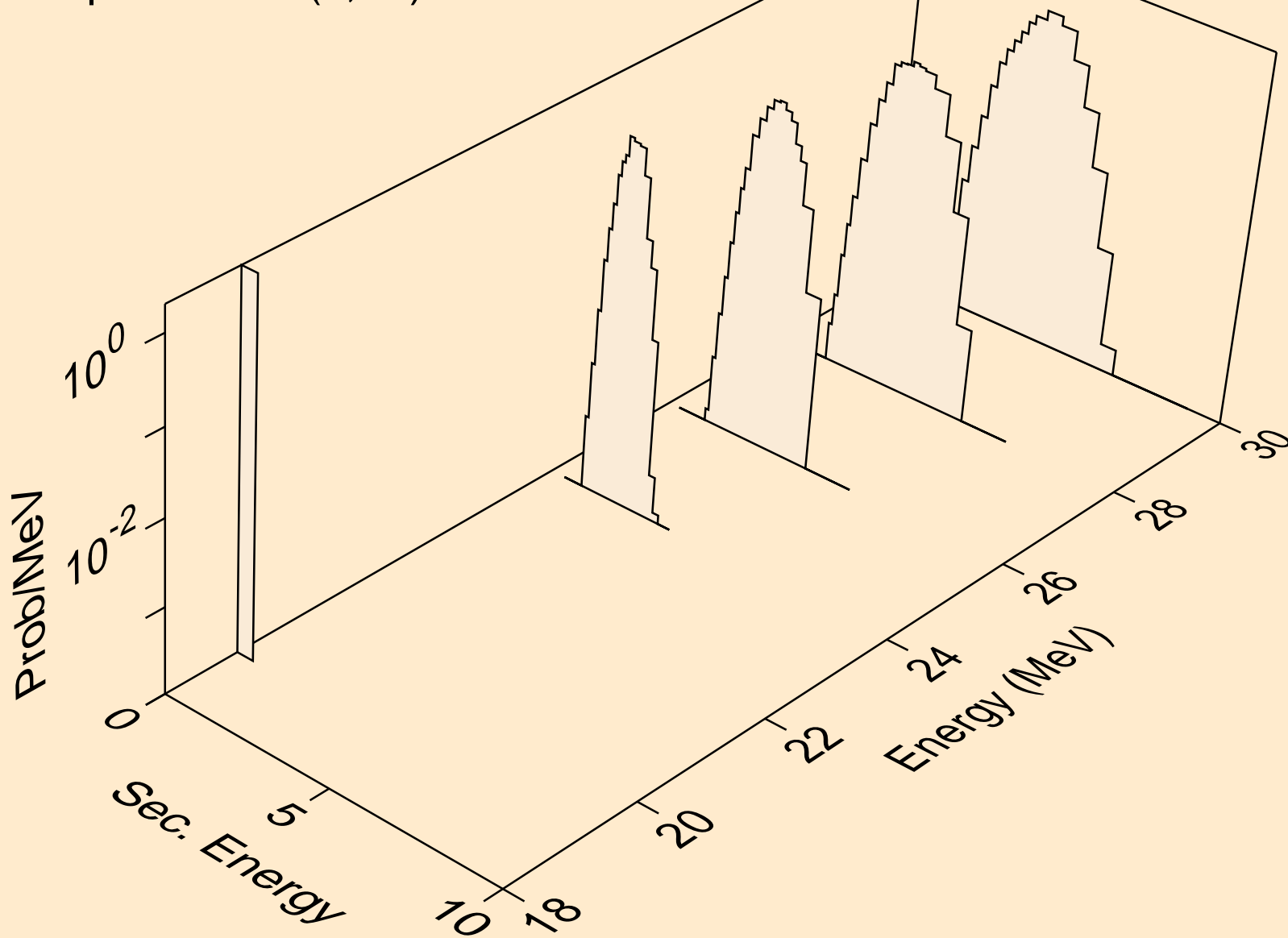
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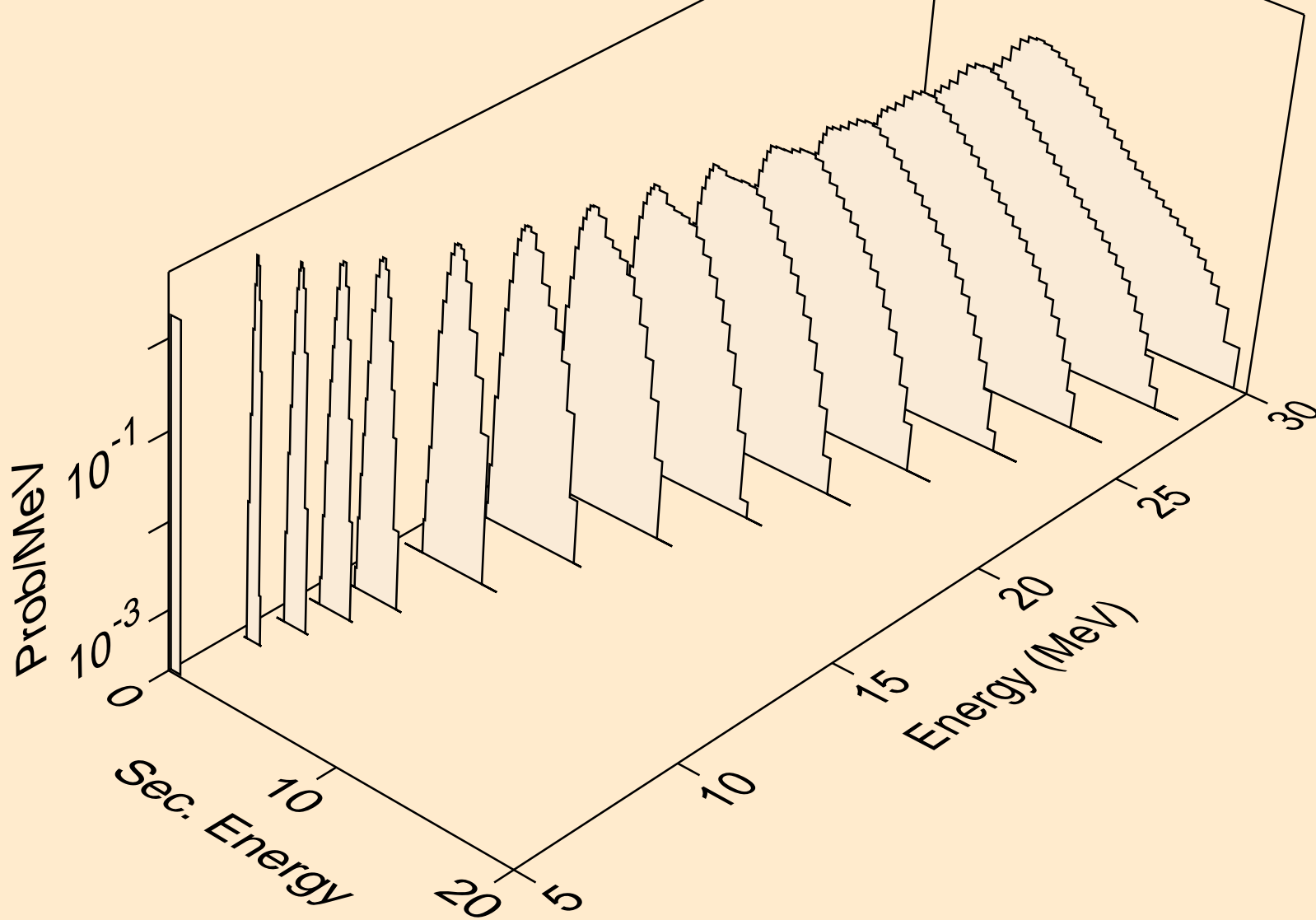


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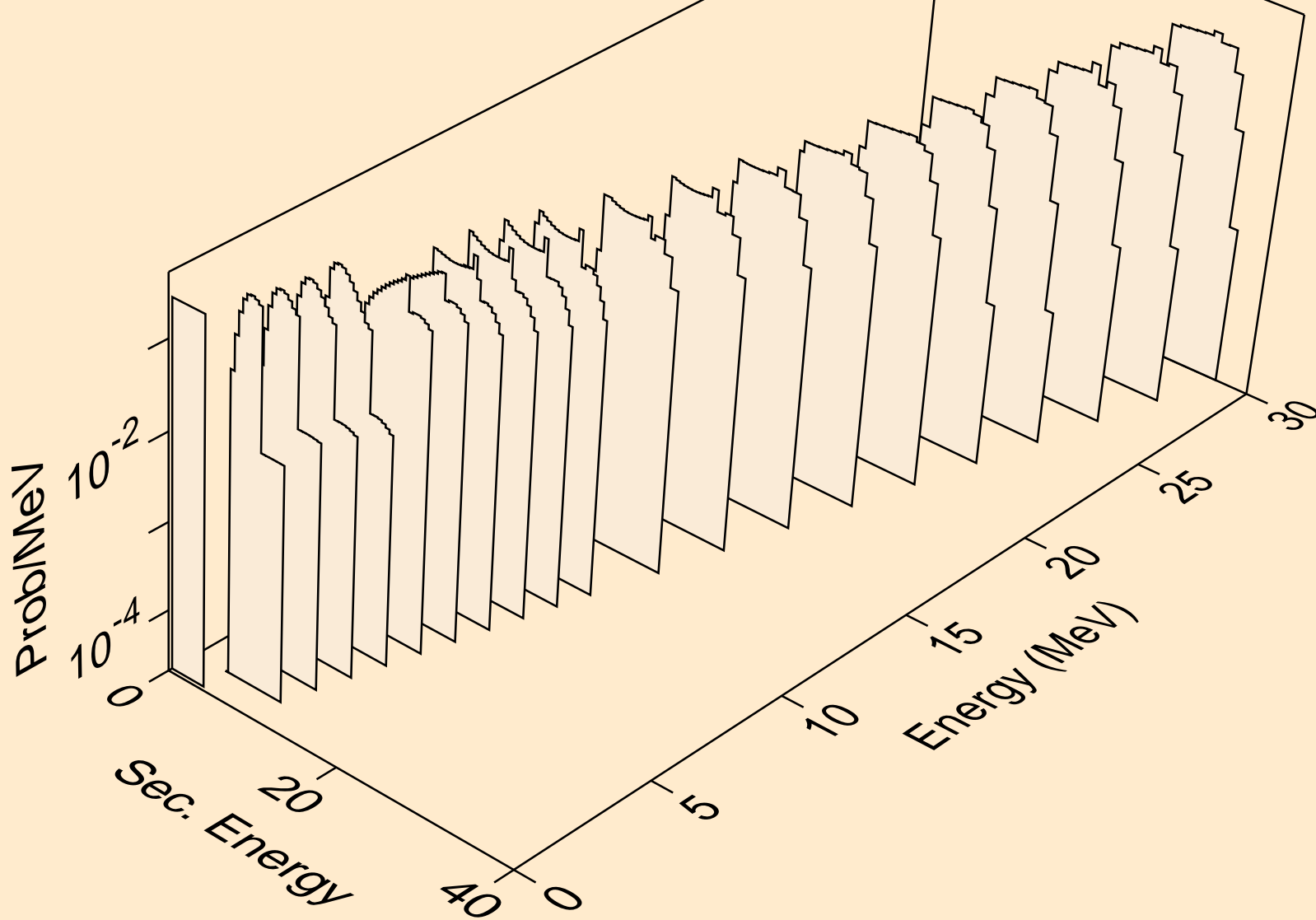




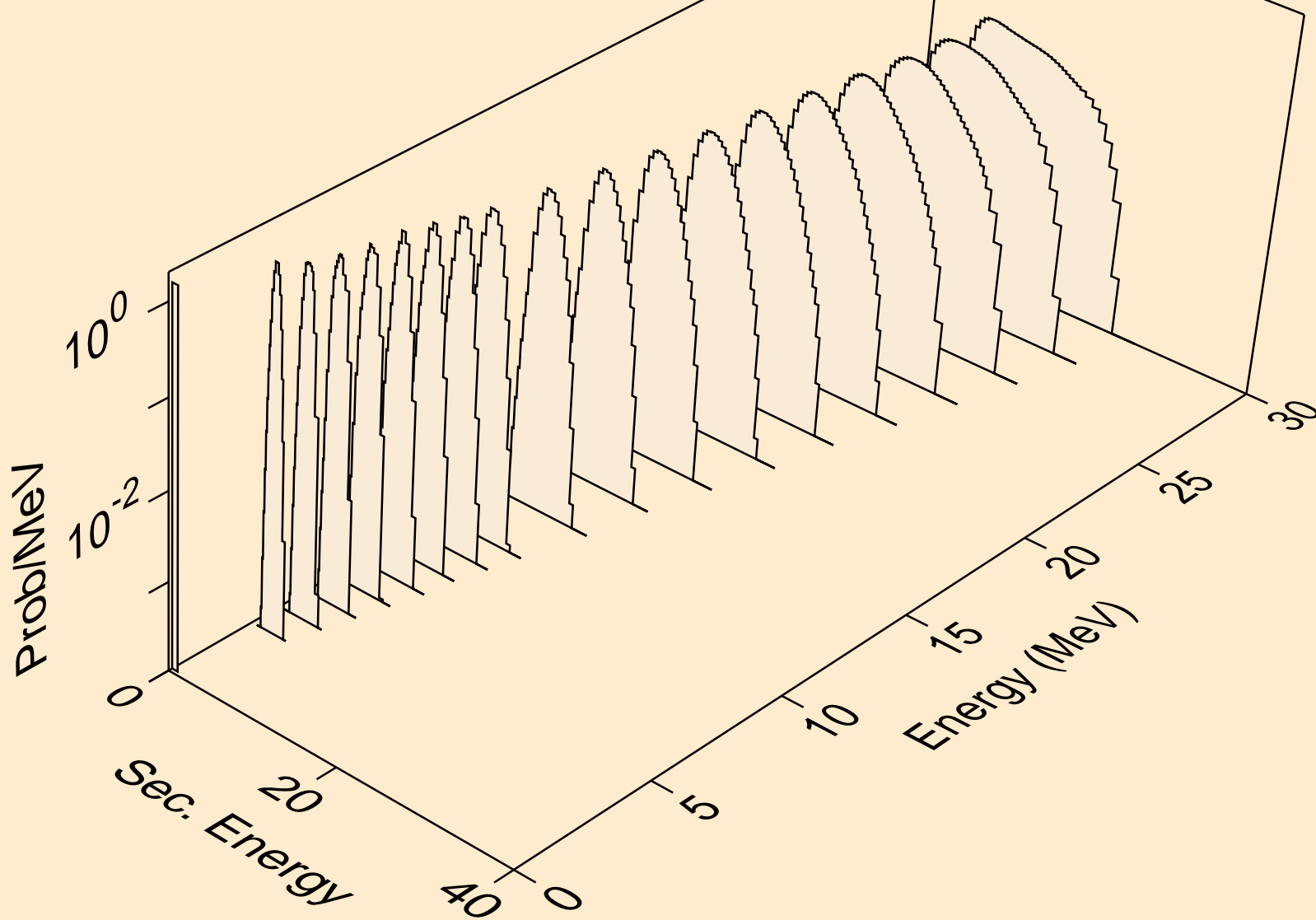
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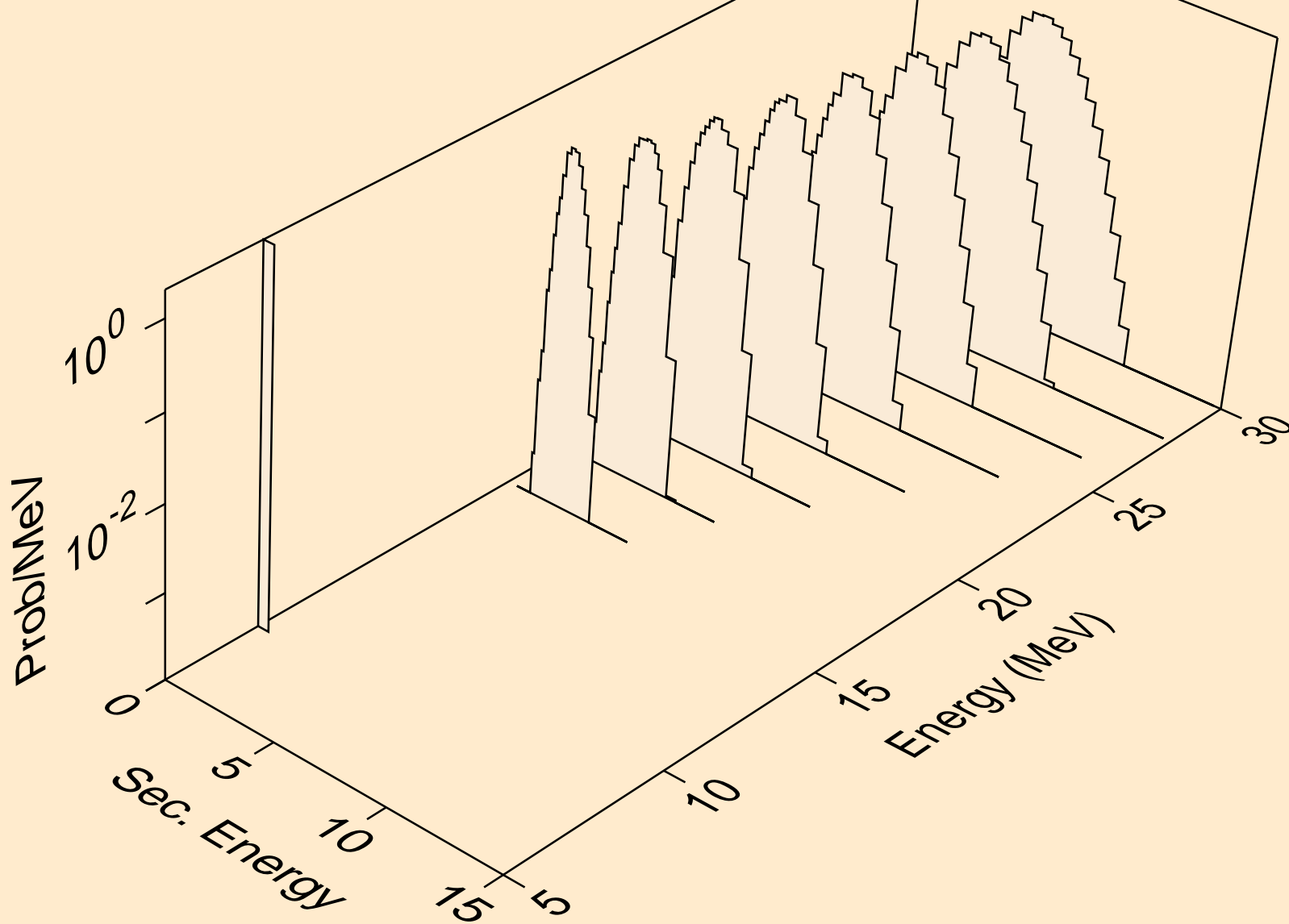
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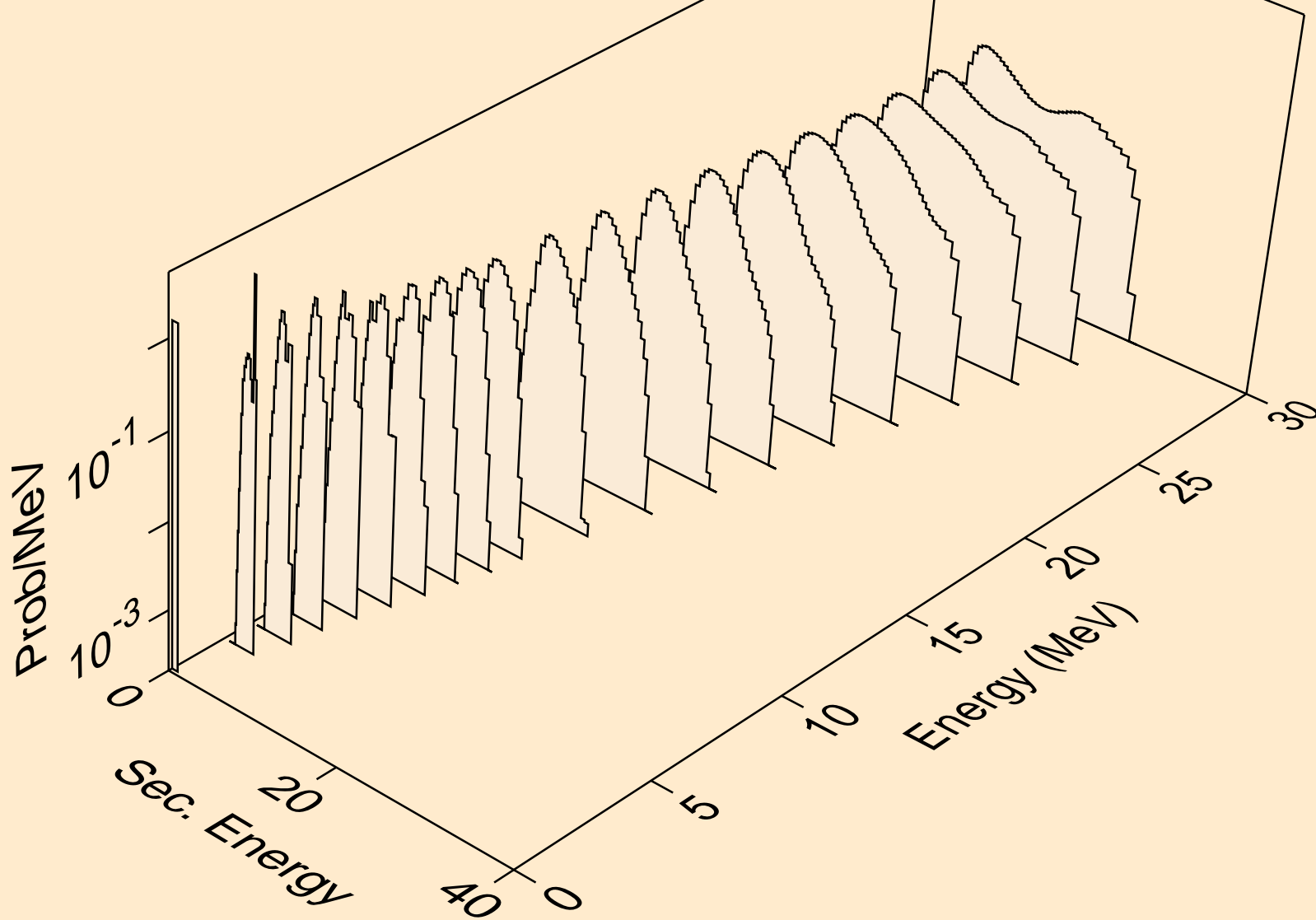
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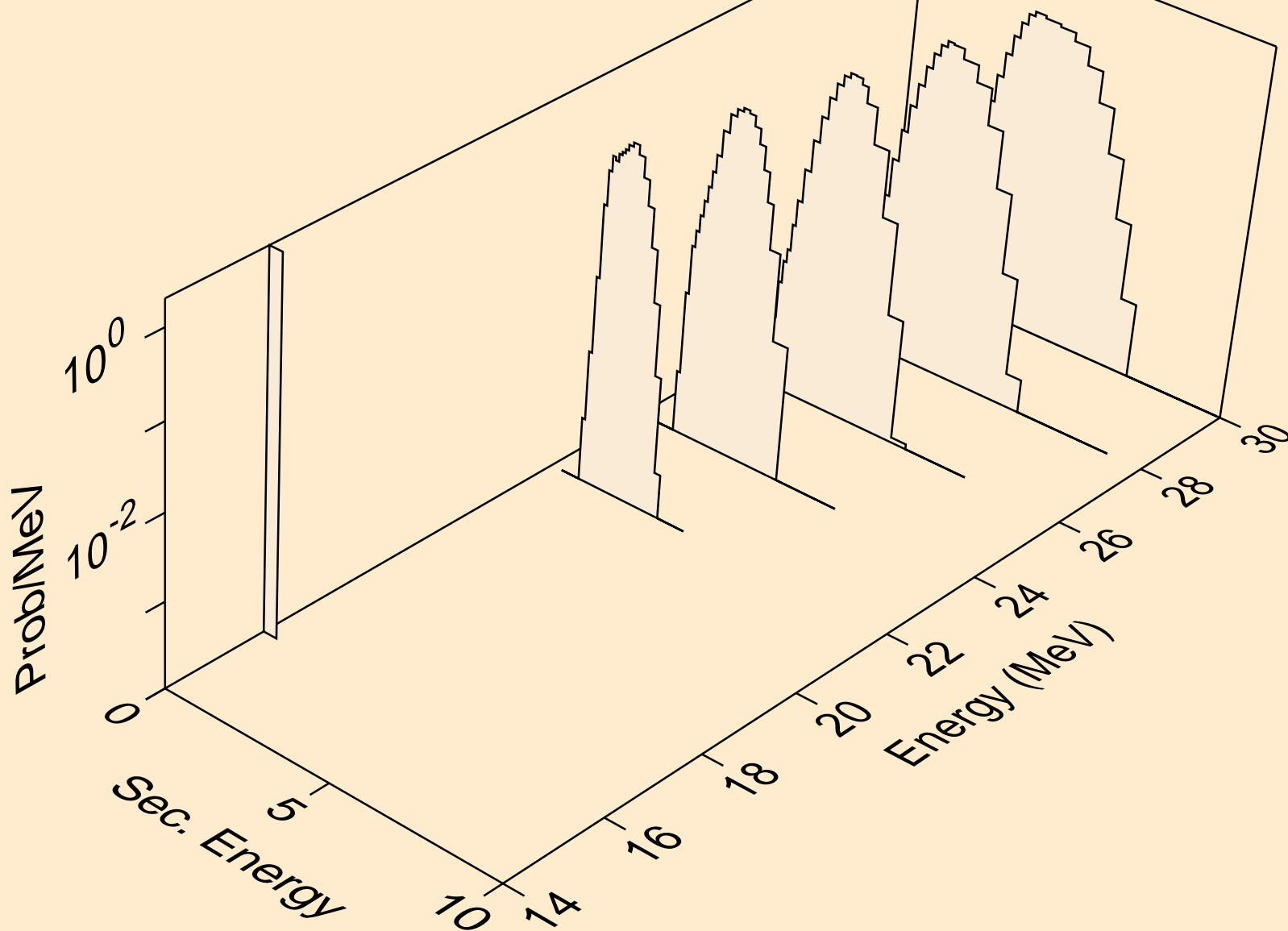
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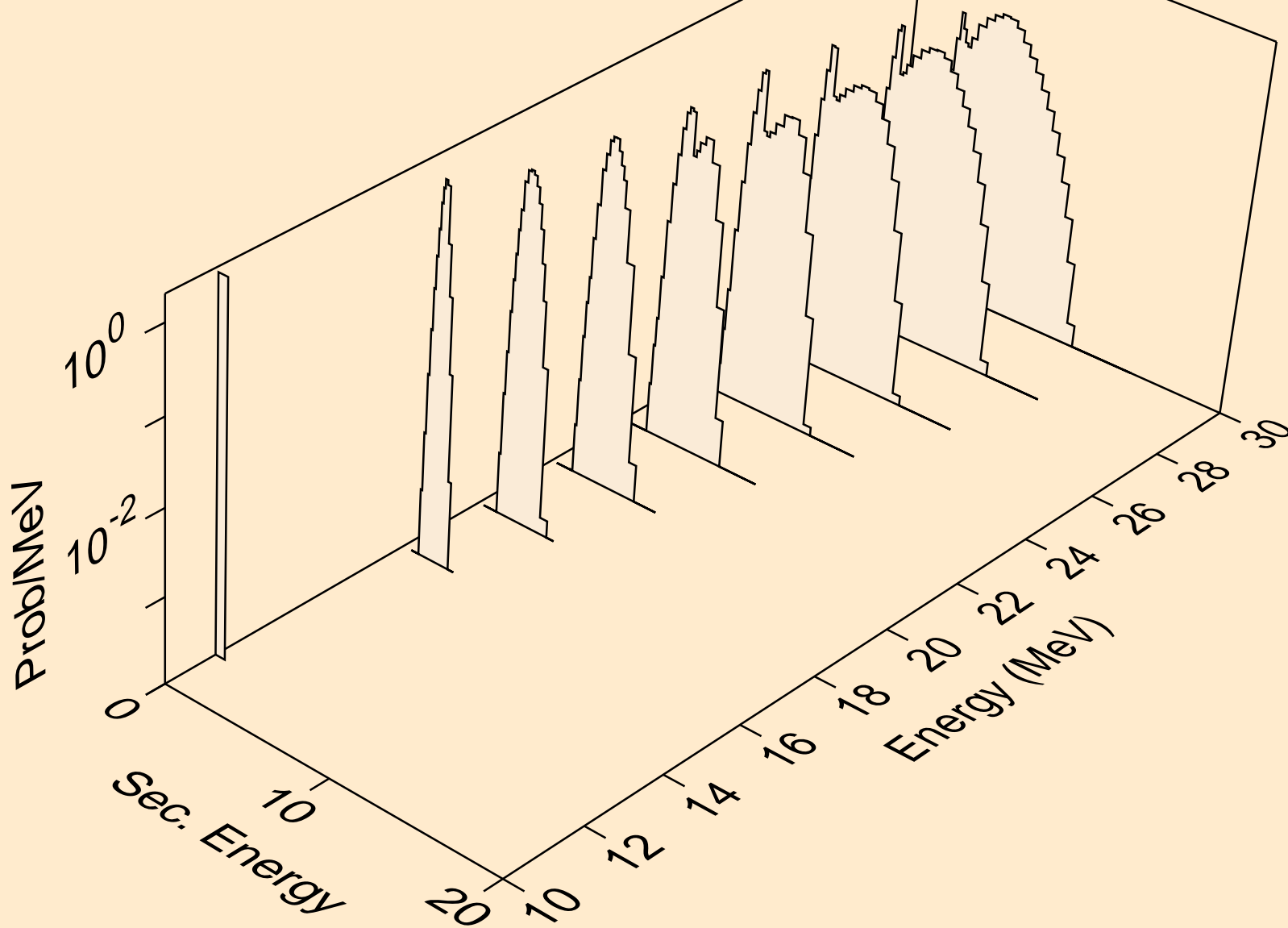
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alphas from (s,pa)



CL037 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,t2a)



CL037 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,d2a)



CL037 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,da)

