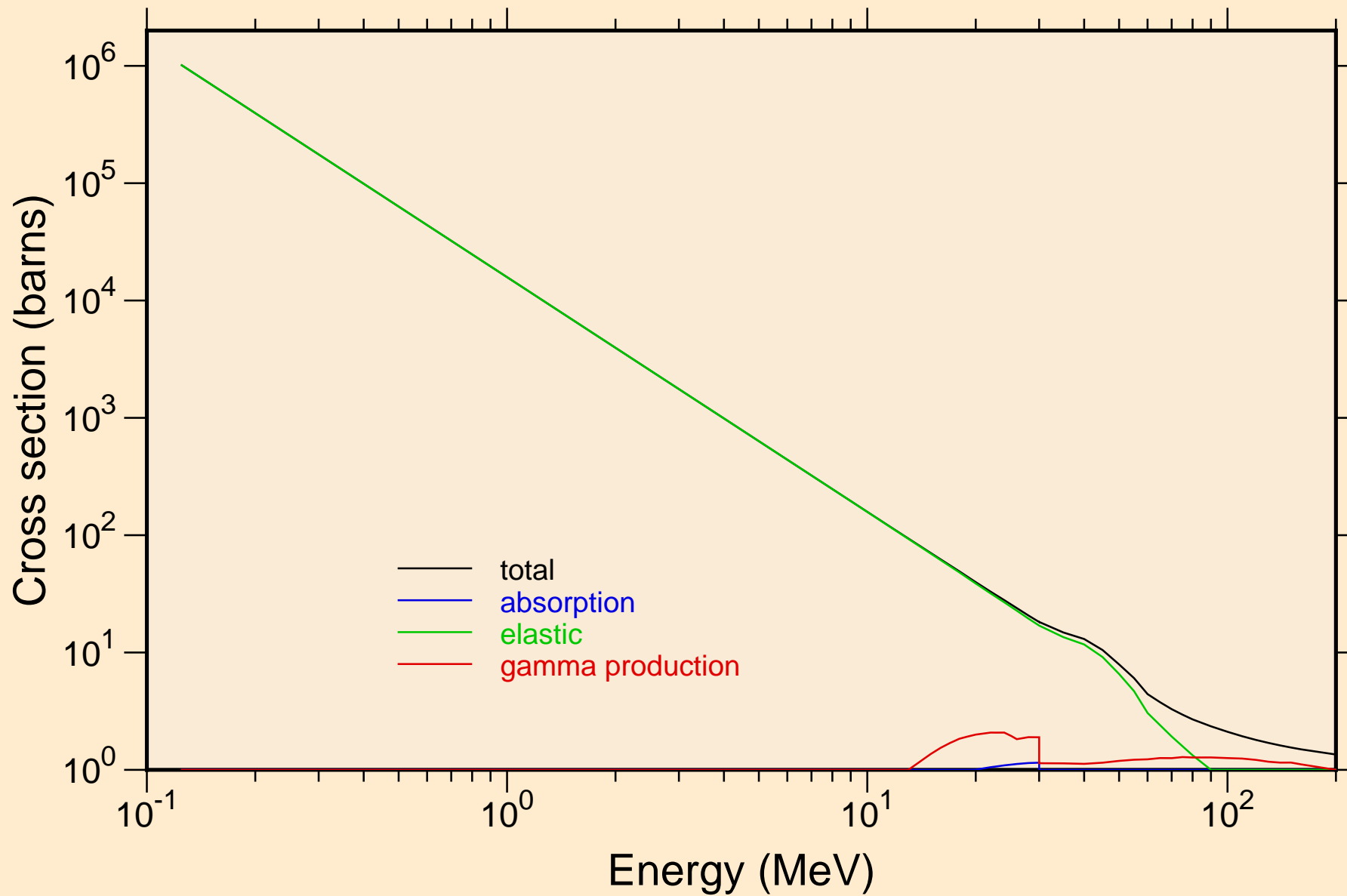
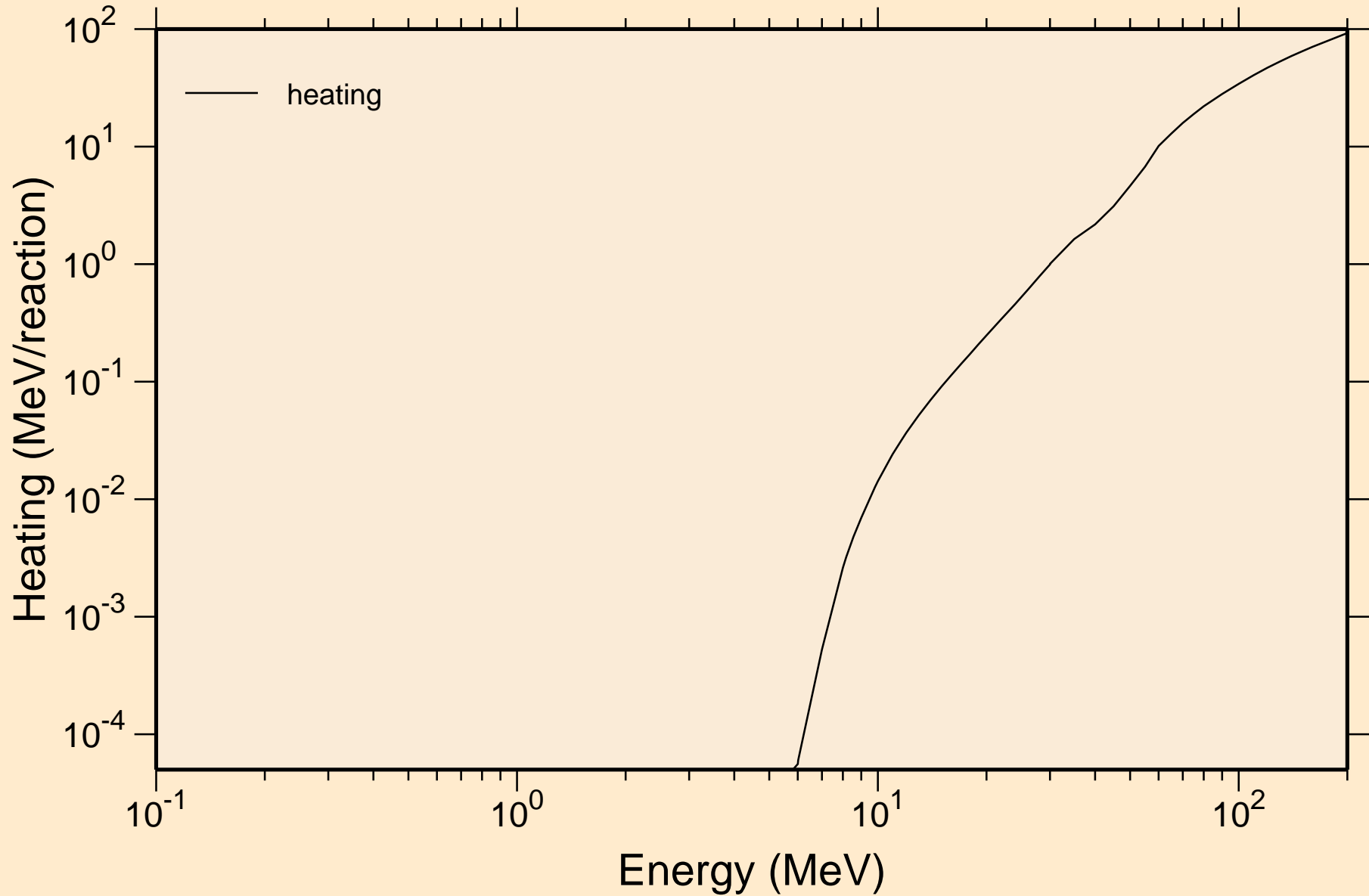


CR052 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections



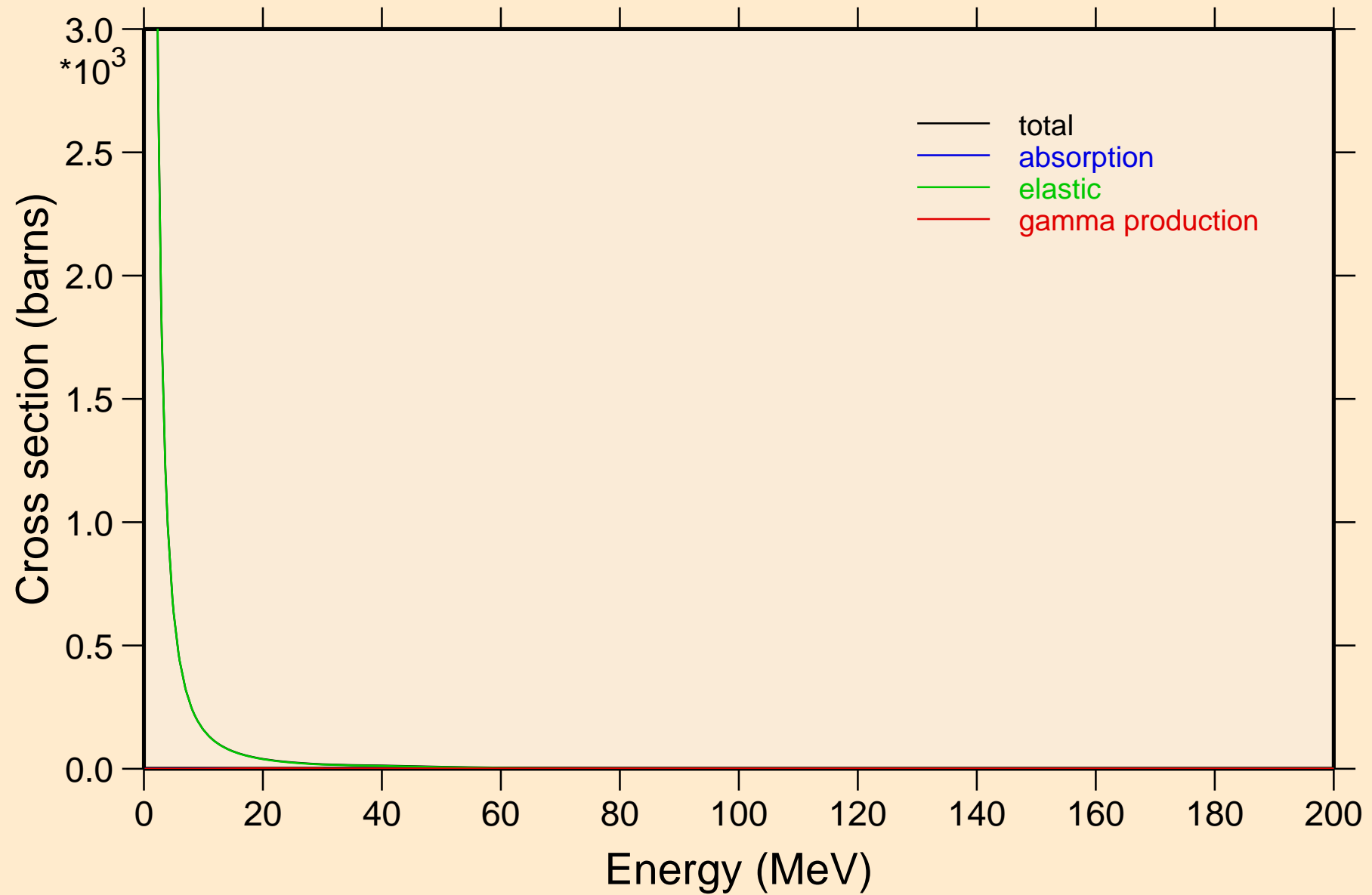
# CR052 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Heating



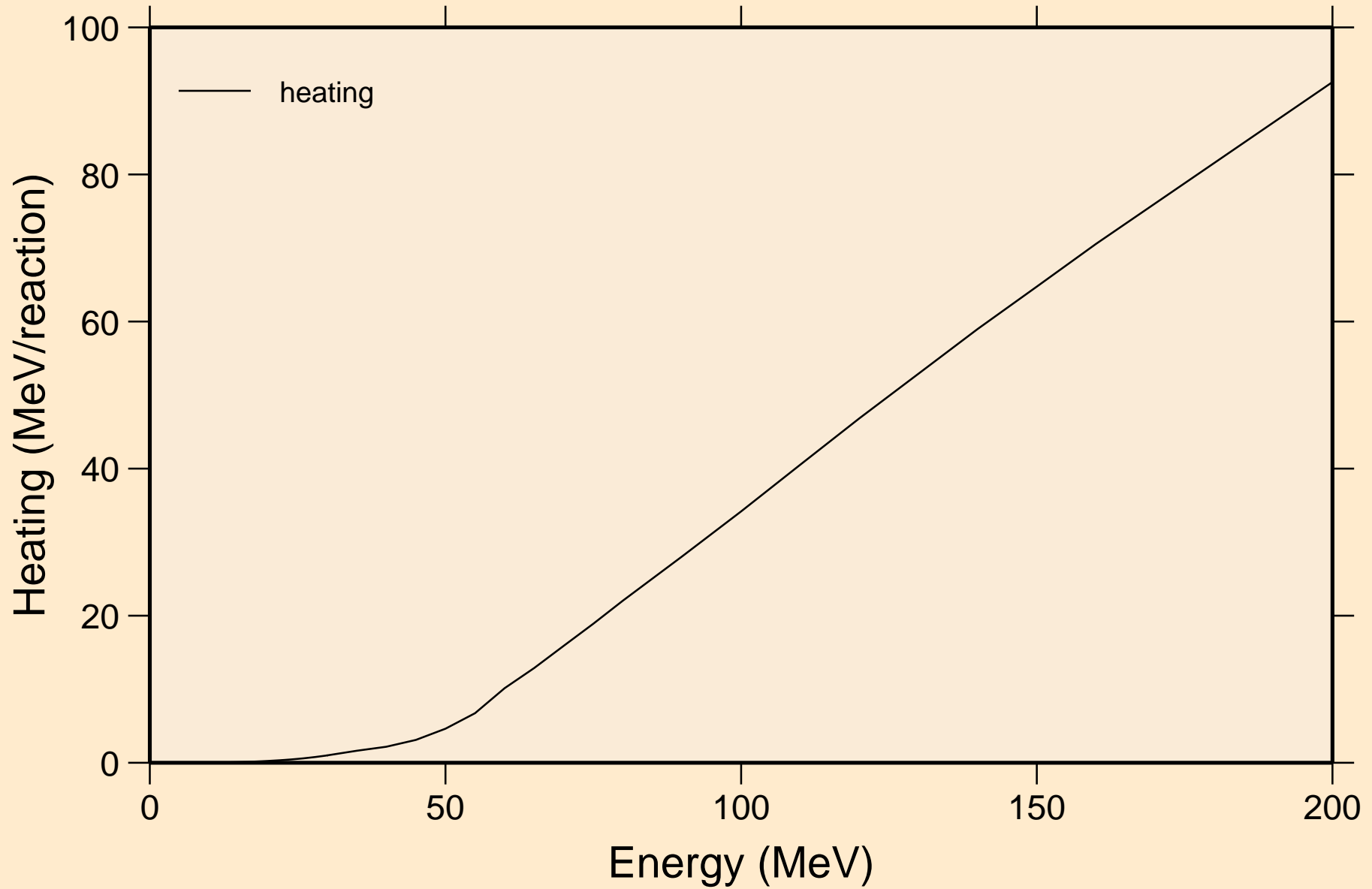
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## Principal cross sections

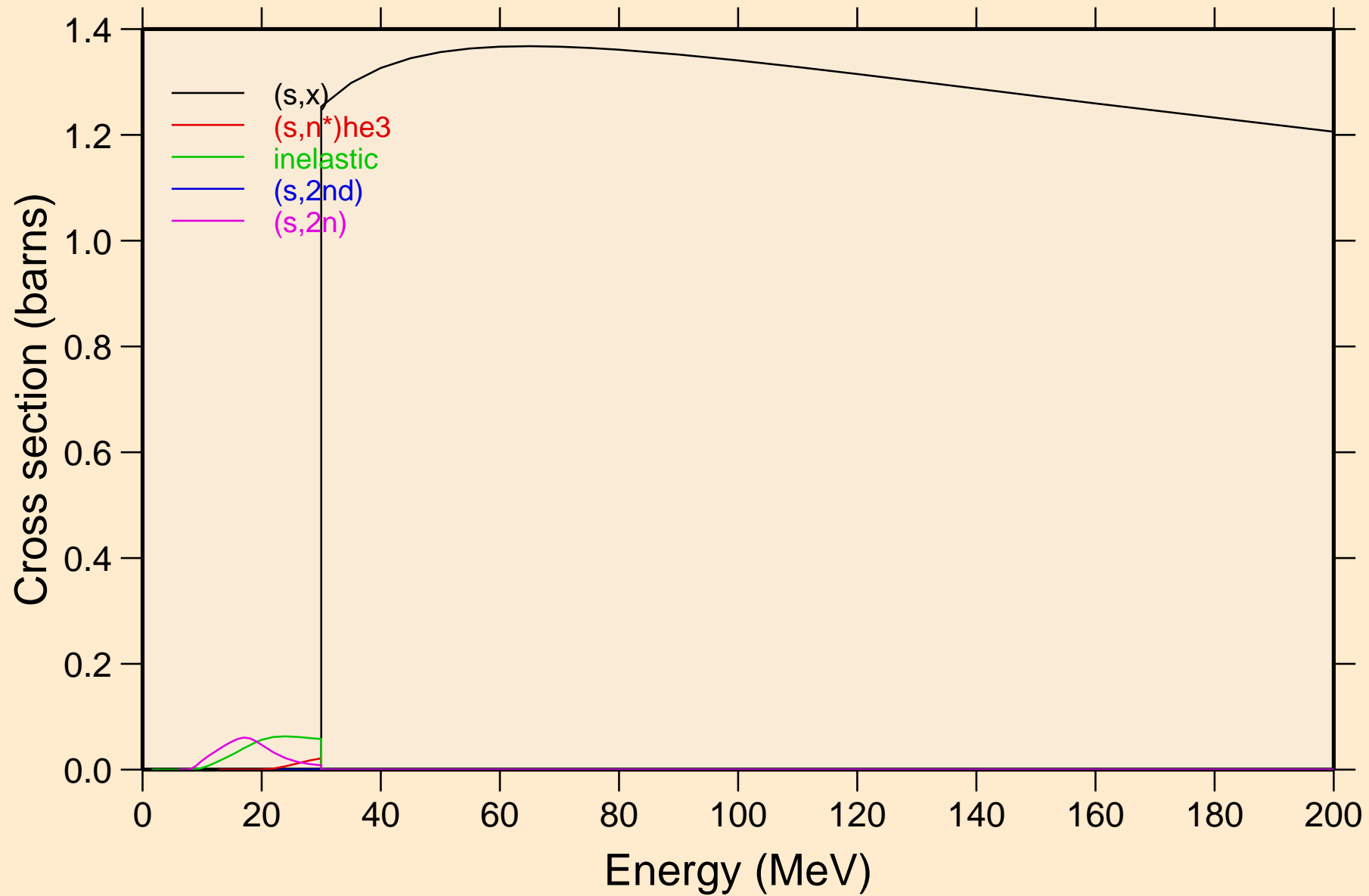


CR052 HELION ACER TENDL-2021 LIBRARY; T=0.K

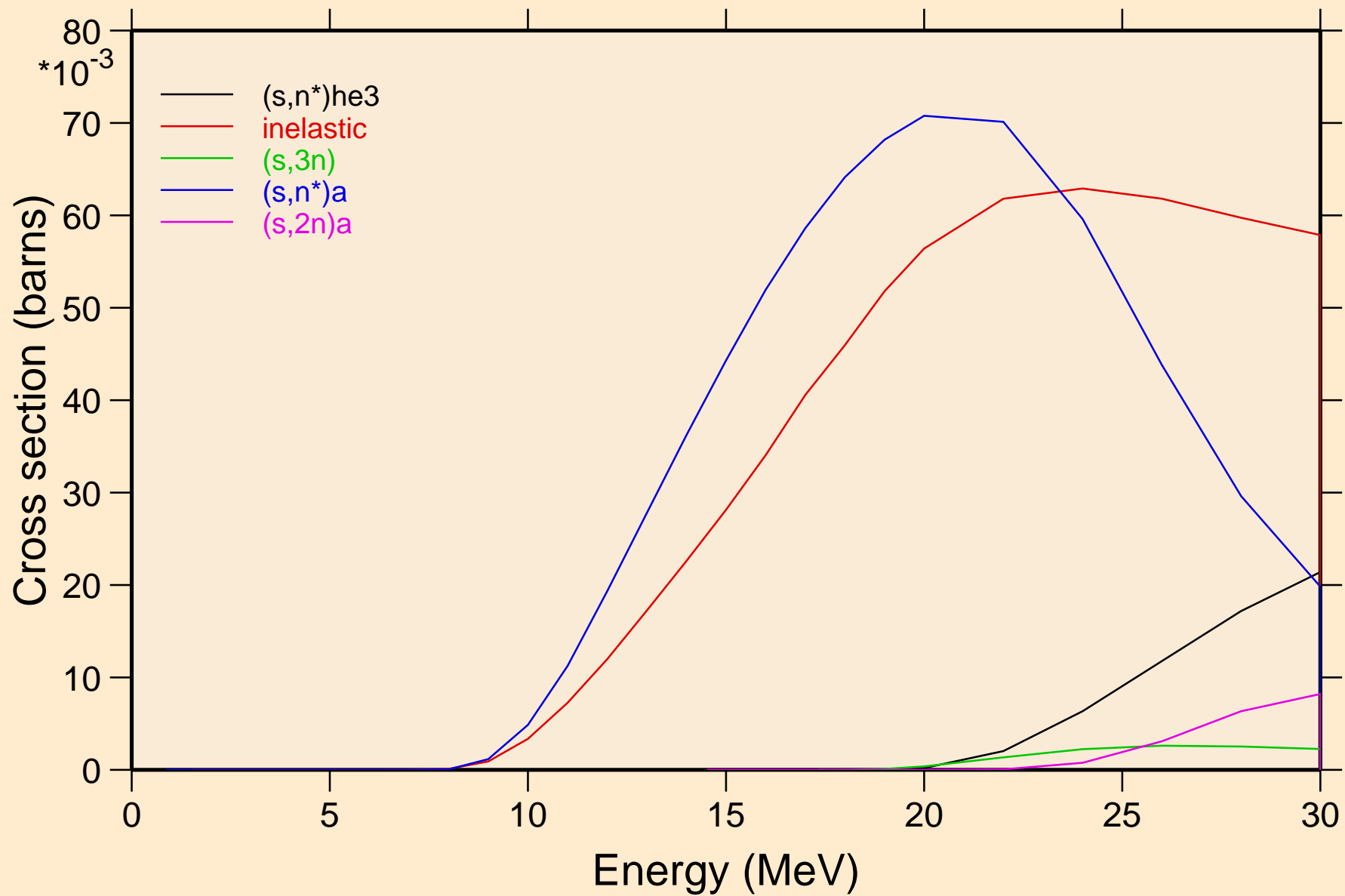
Heating



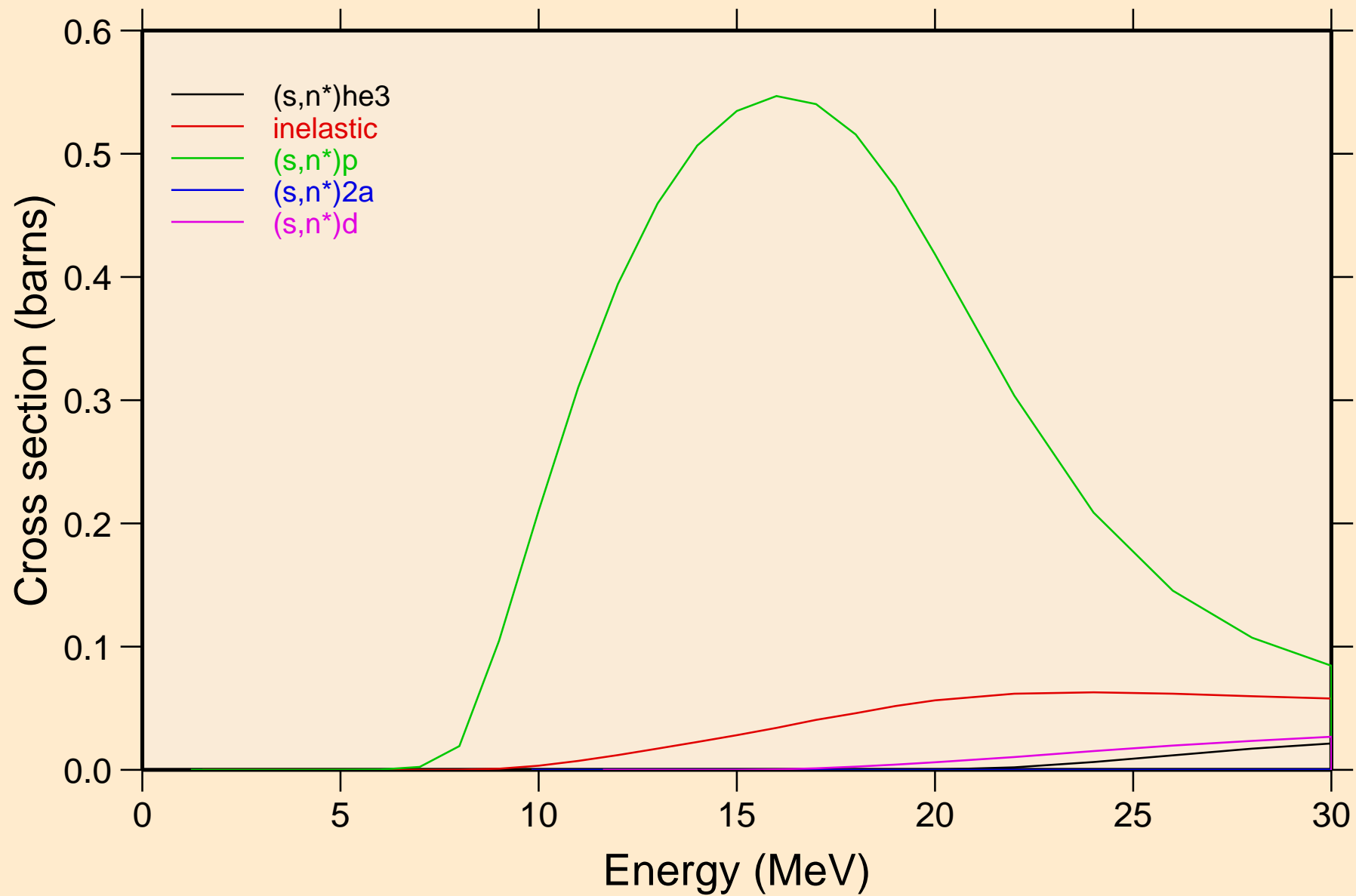
CR052 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



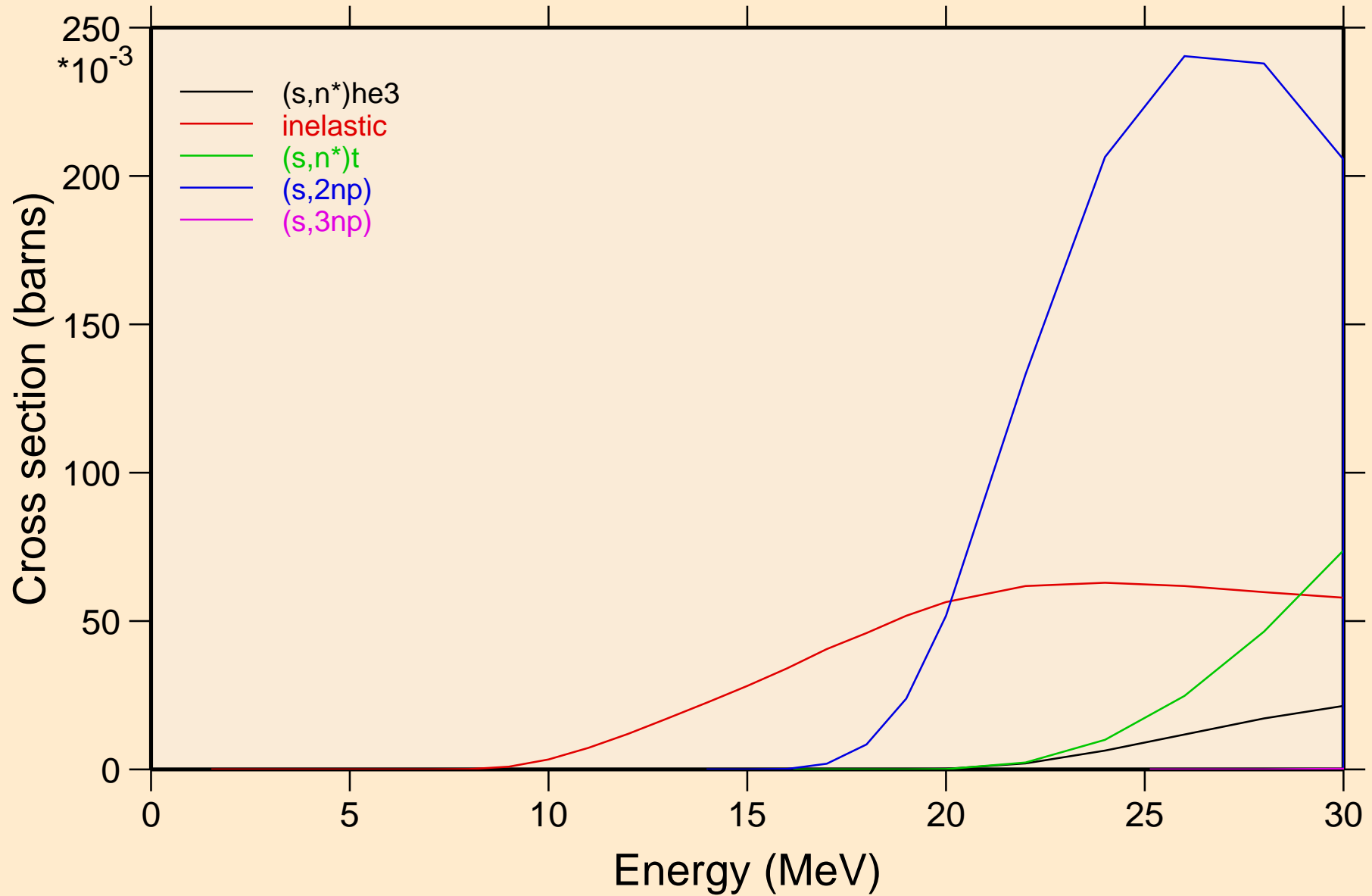
CR052 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



CR052 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



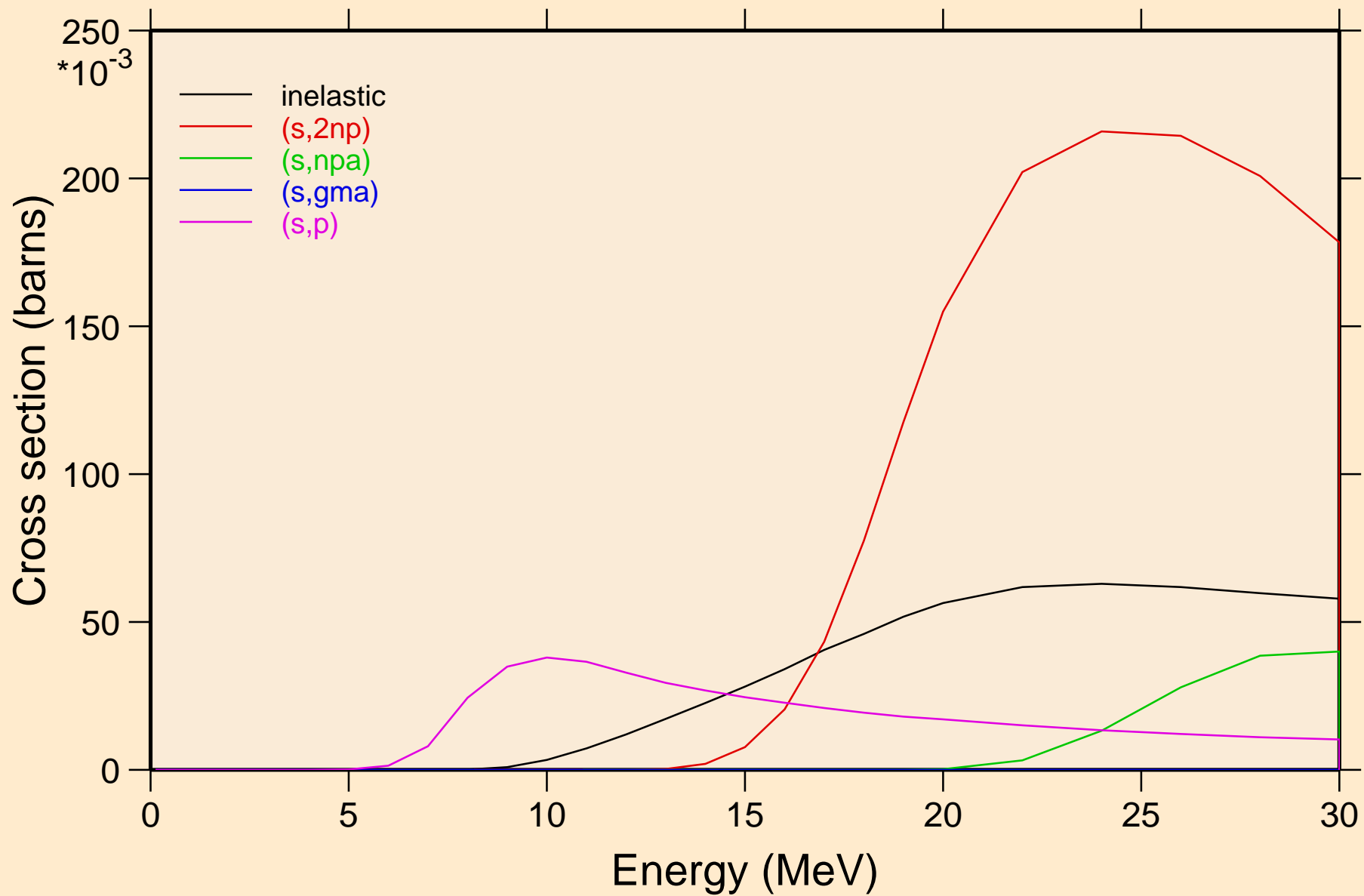
CR052 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions





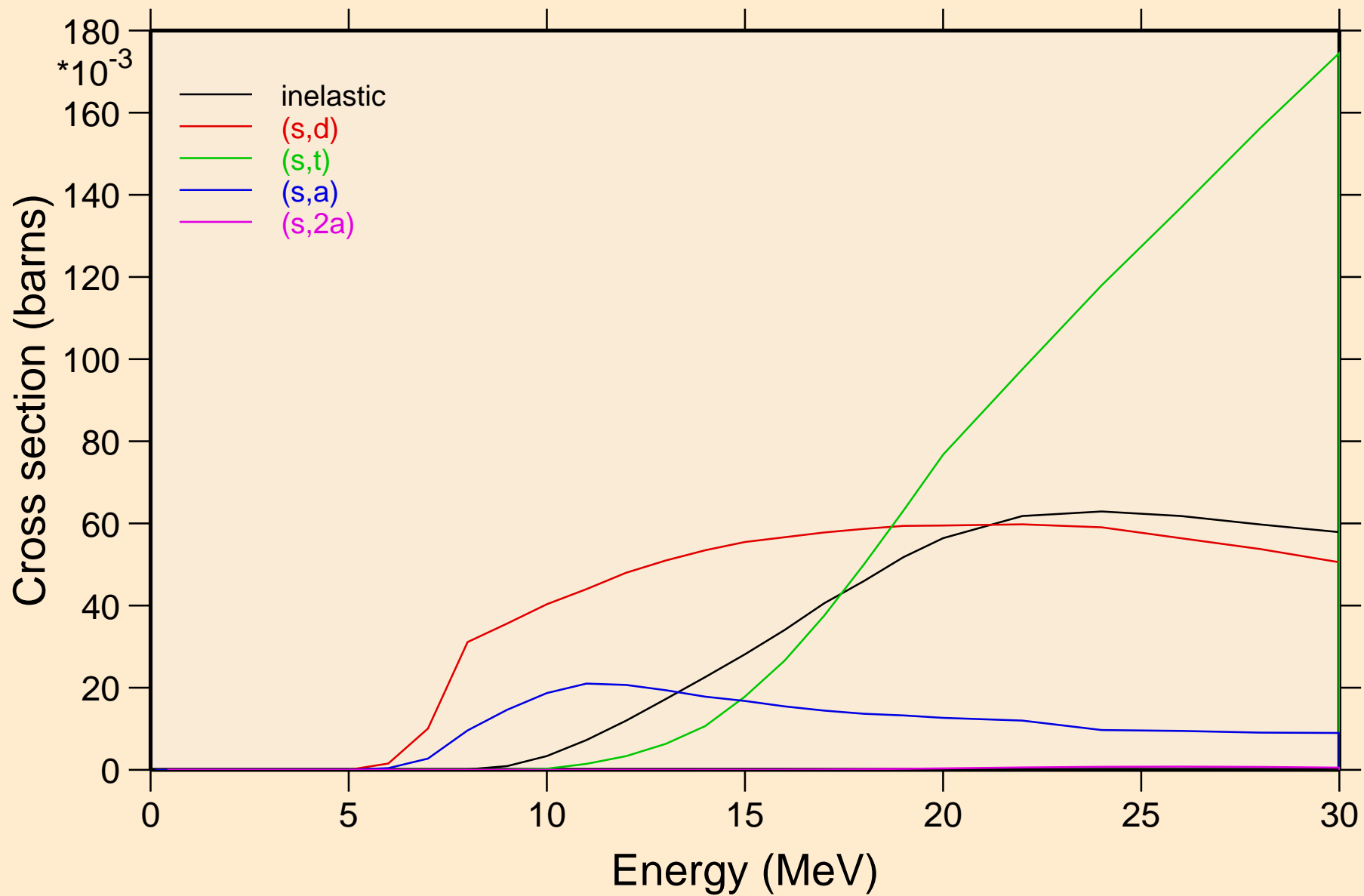
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## Threshold reactions



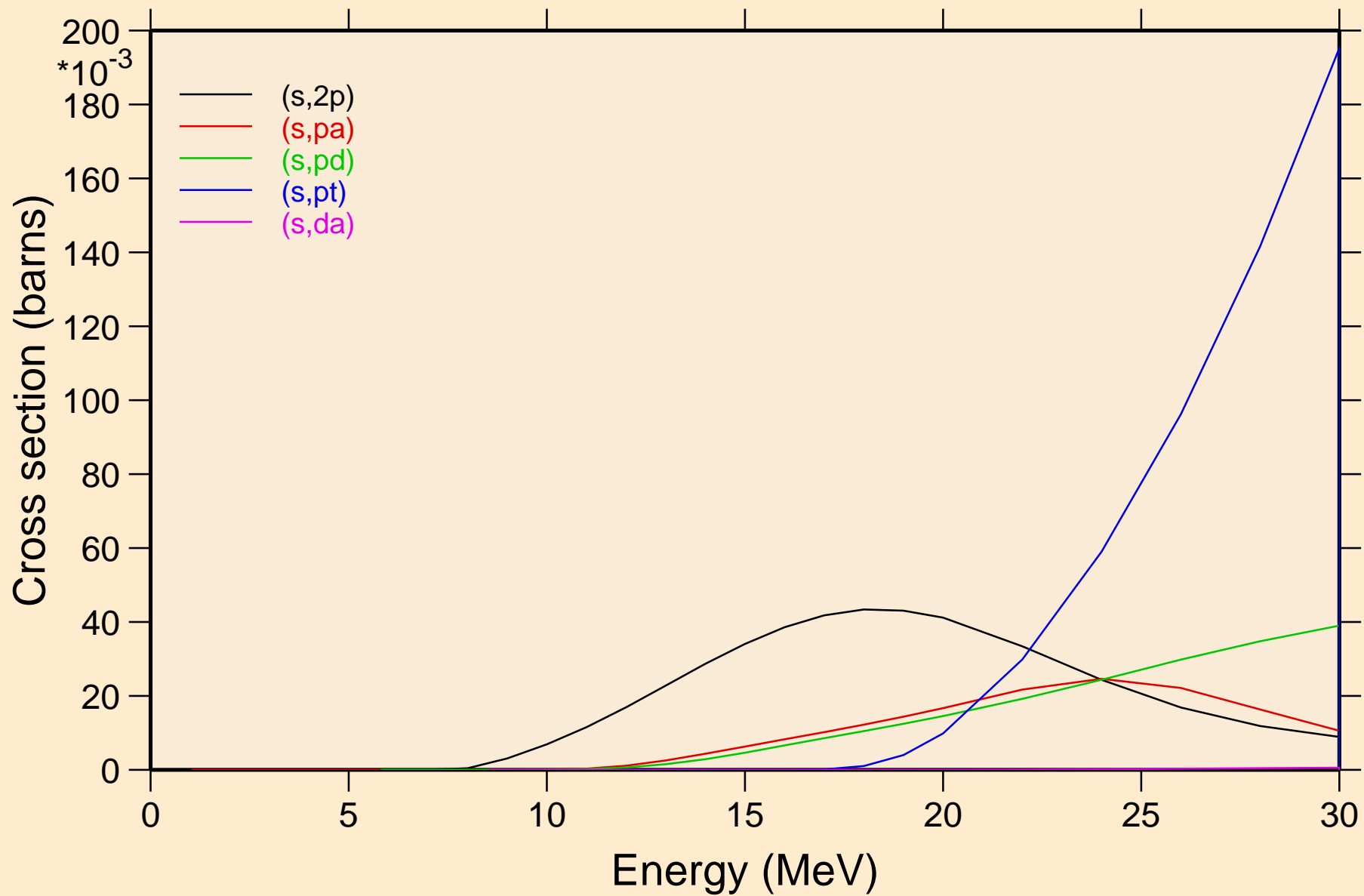
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## Threshold reactions

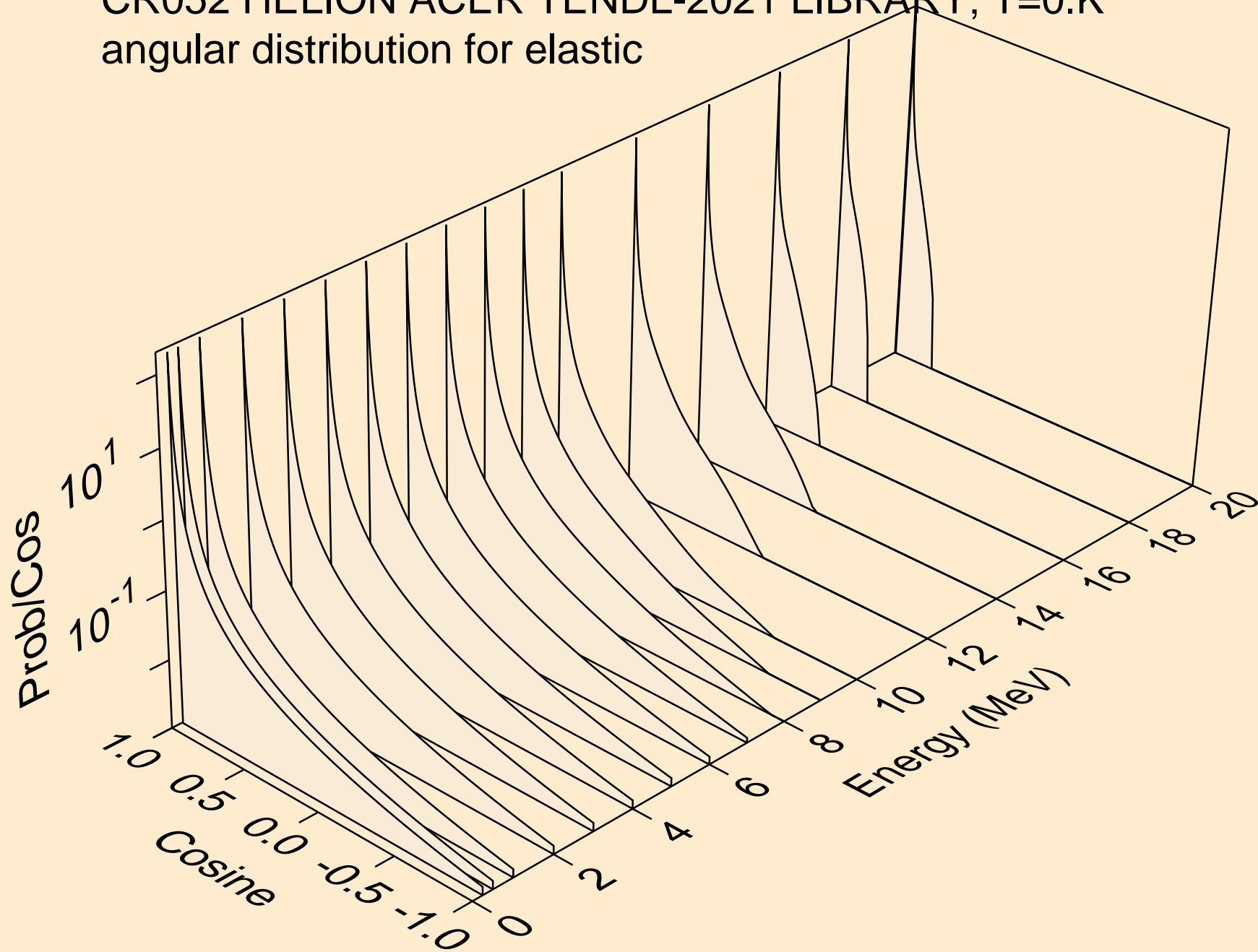


# CR052 HELION ACER TENDL-2021 LIBRARY; T=0.K

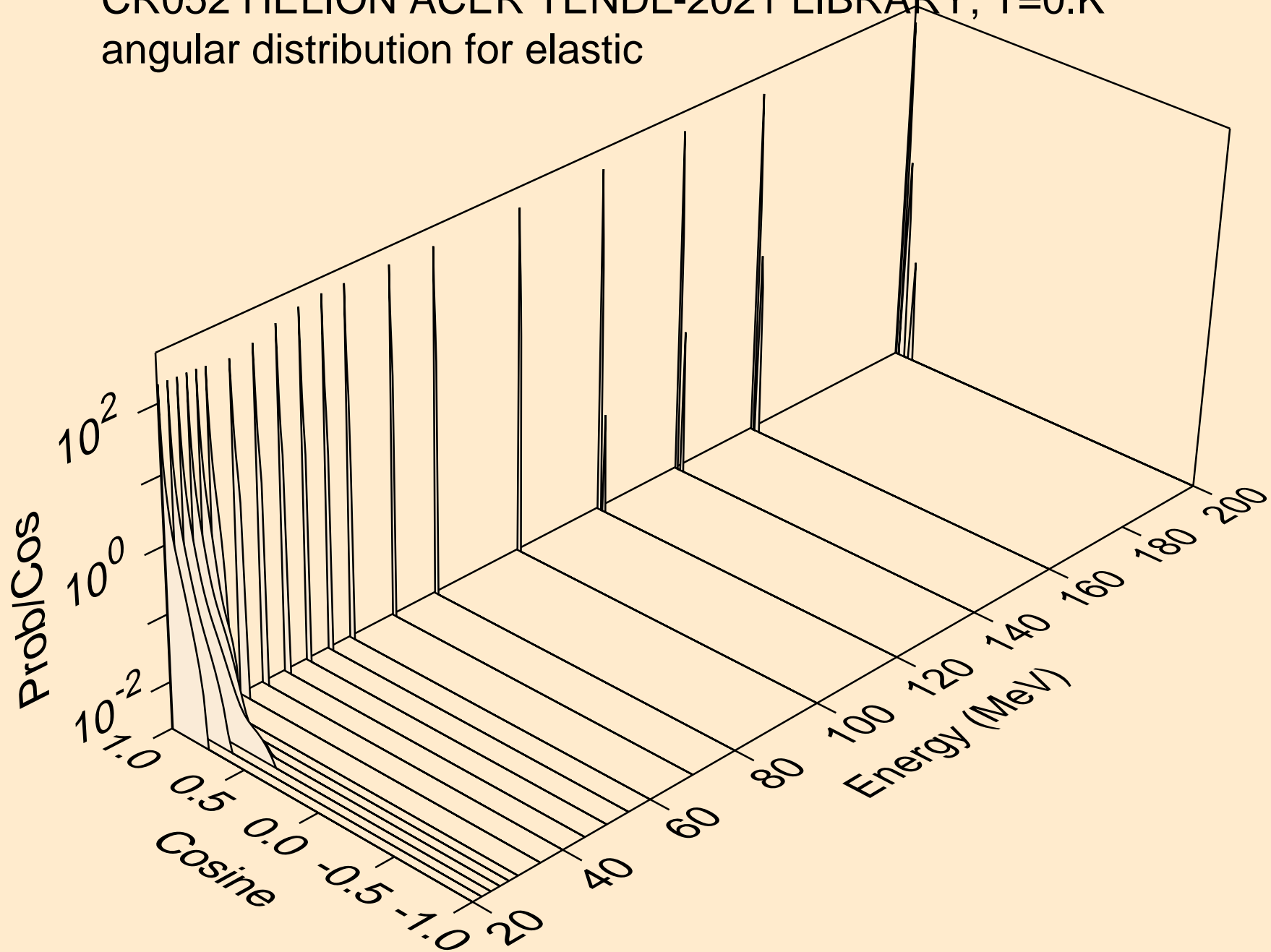
## Threshold reactions



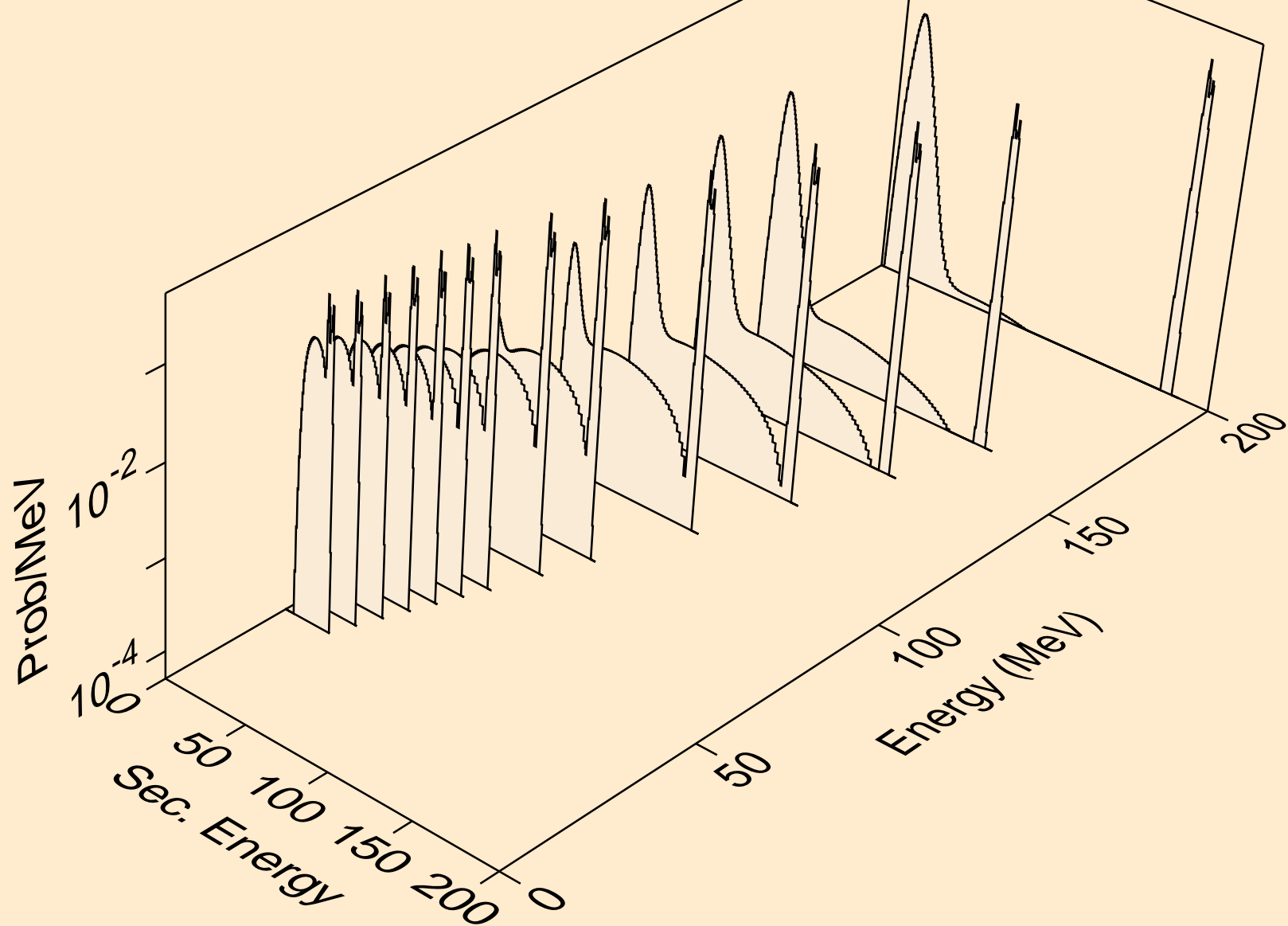
CR052 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



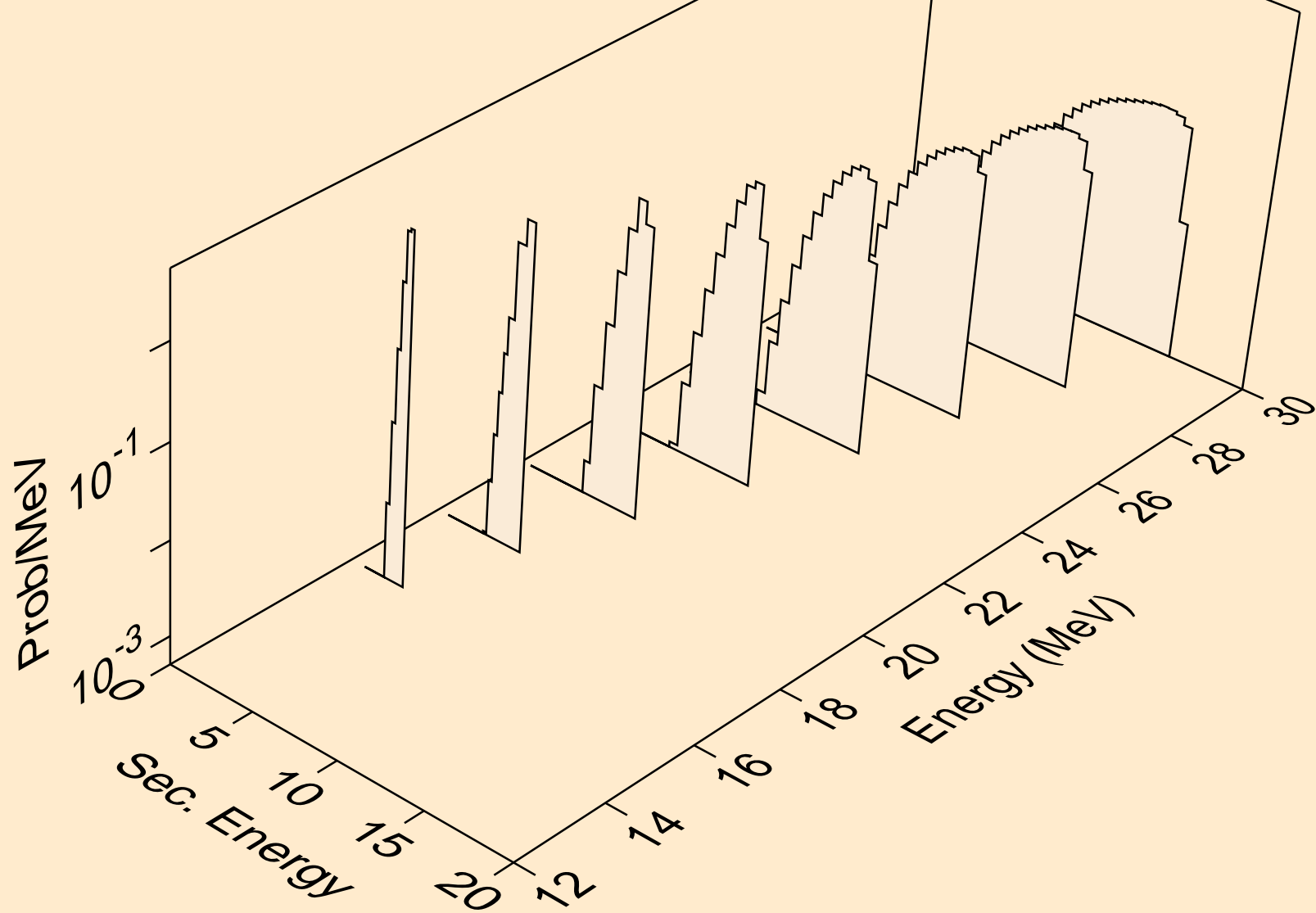
CR052 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



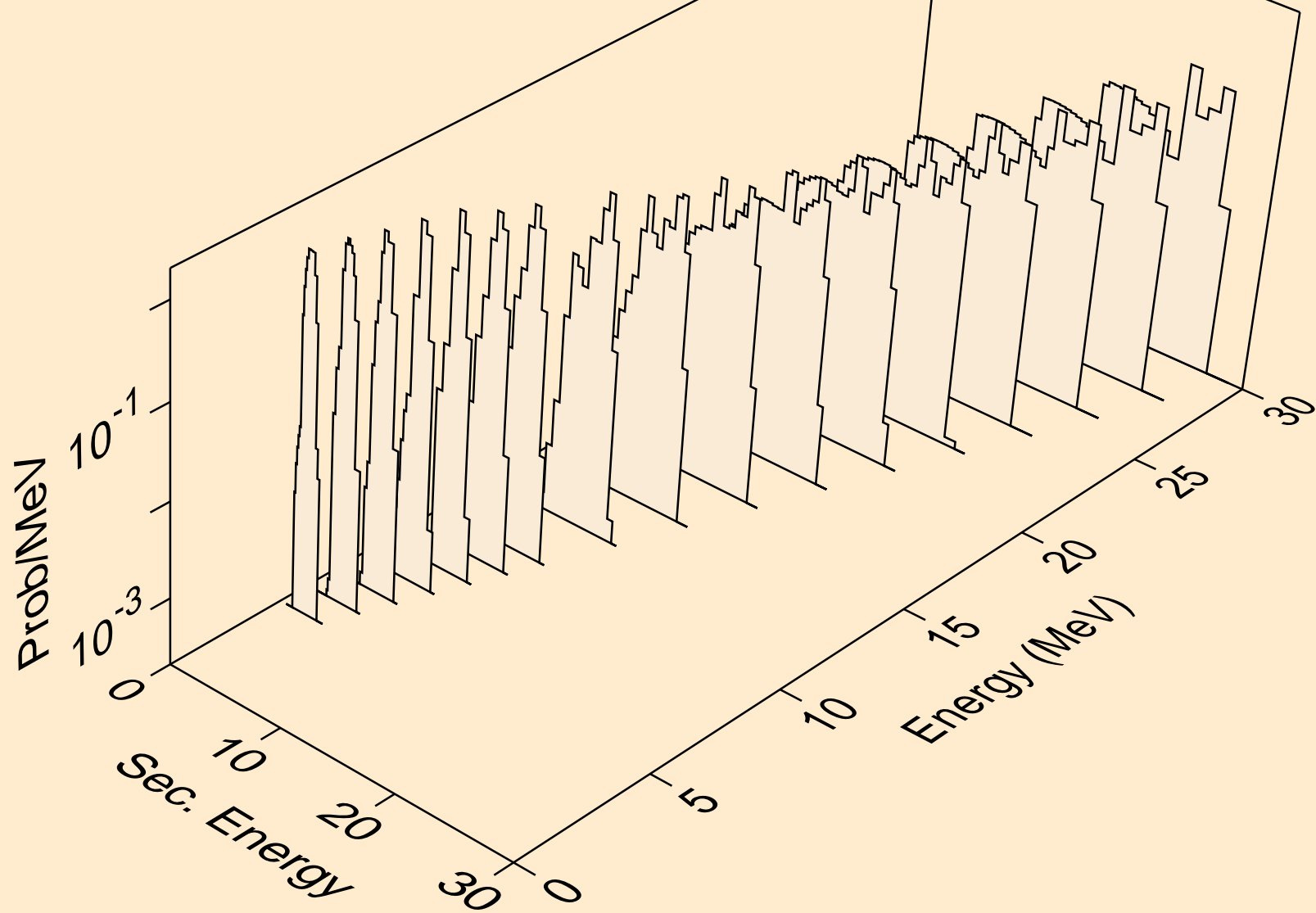
CR052 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,x)



CR052 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

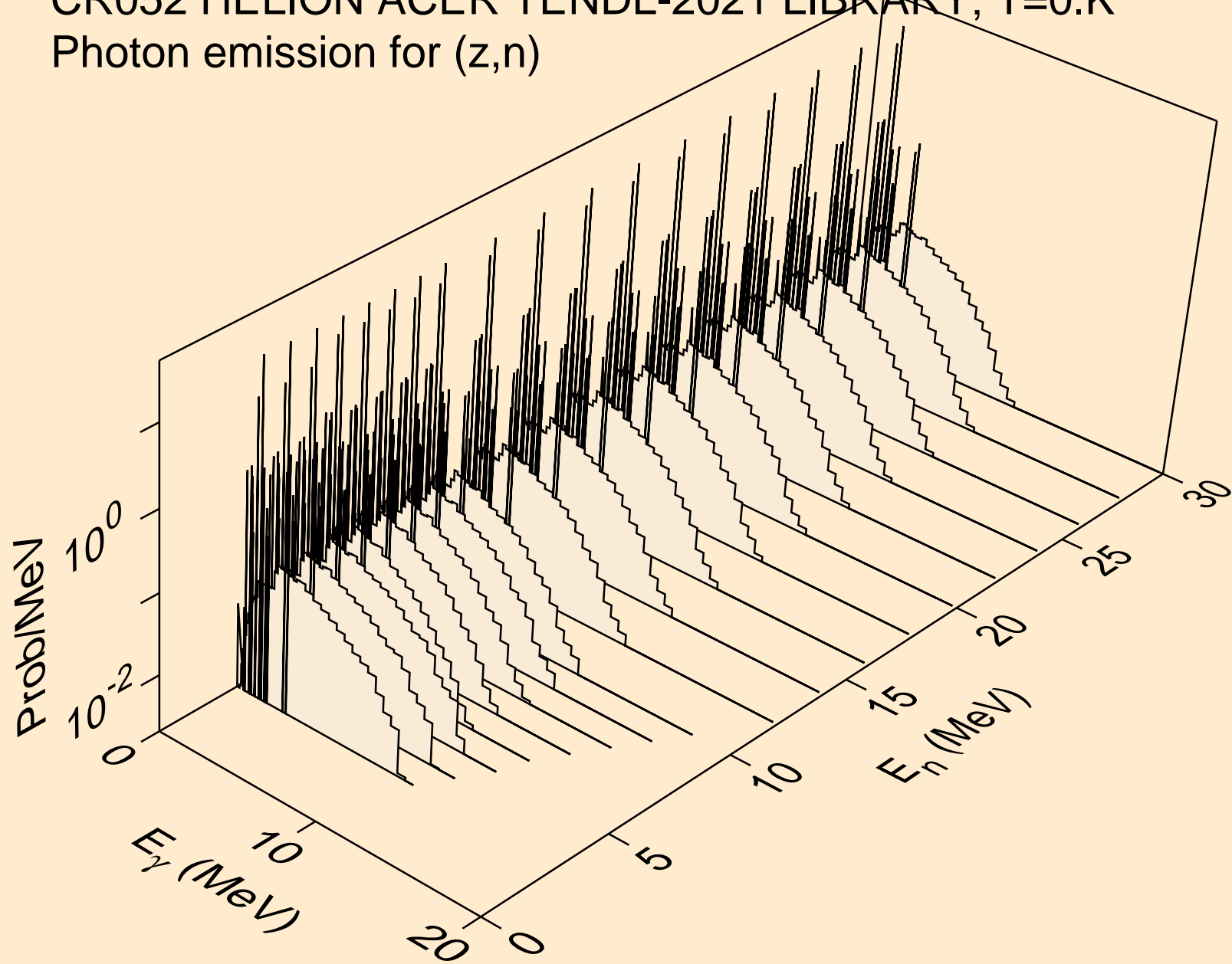


CR052 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for inelastic

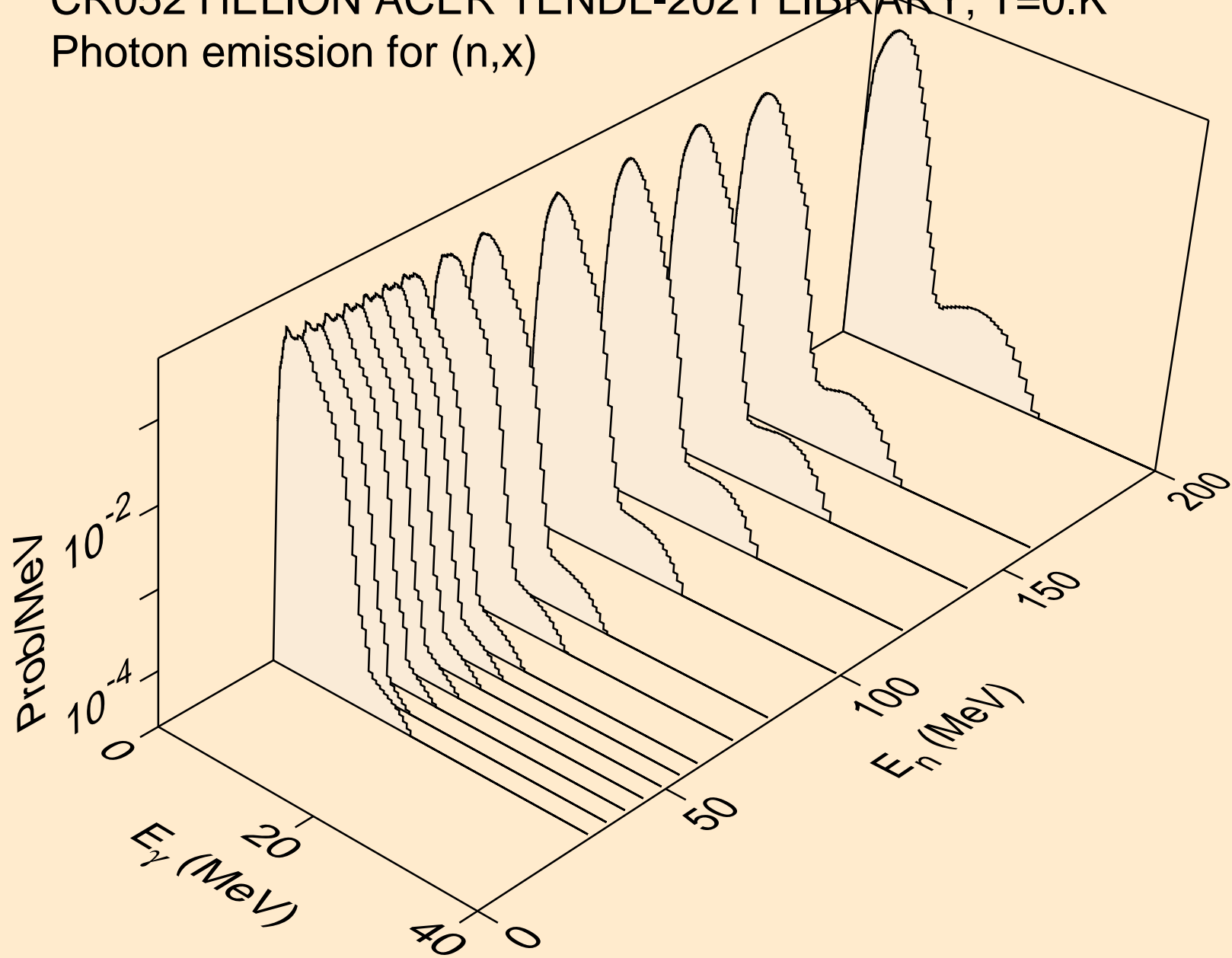




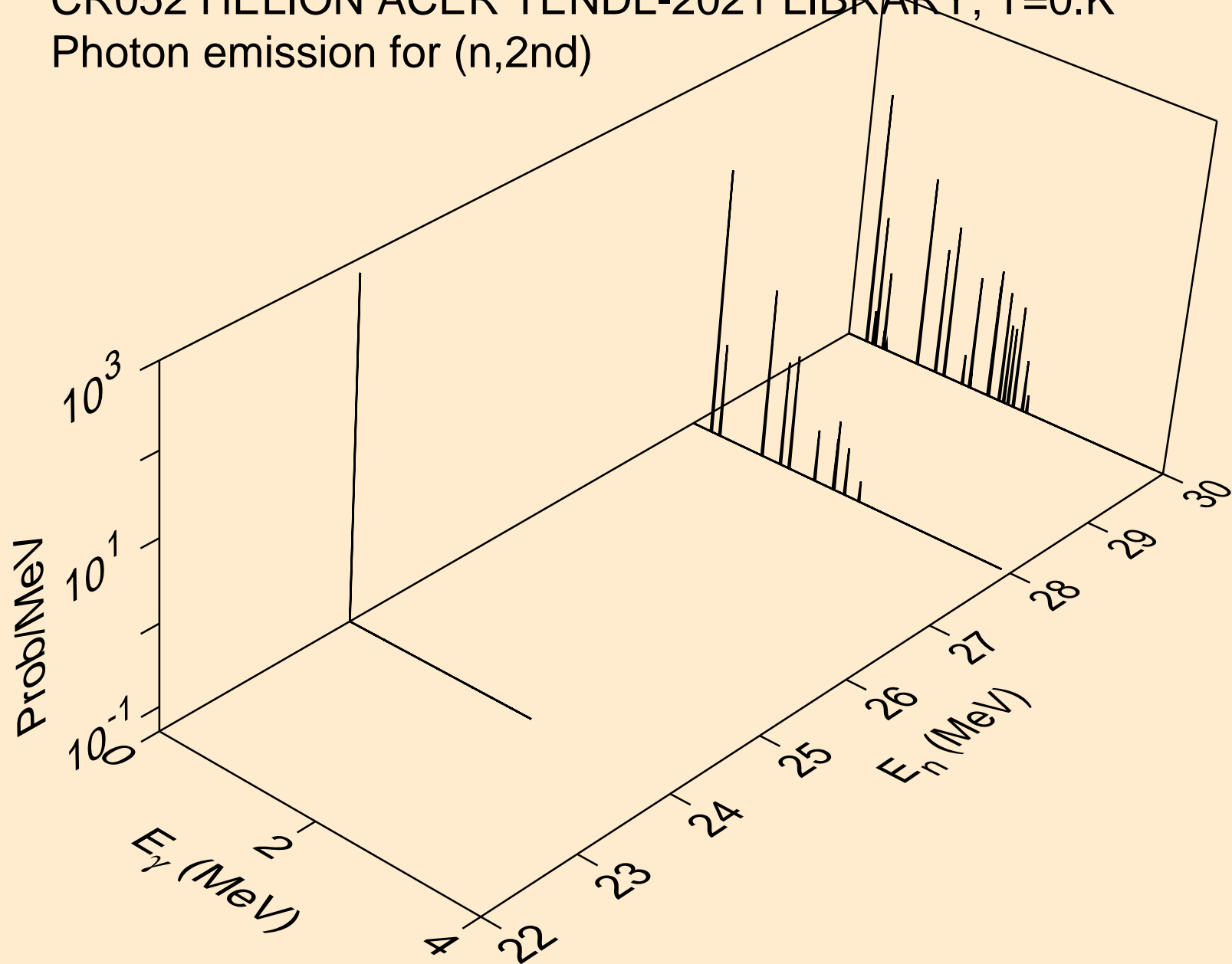
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Photon emission for (z,n)



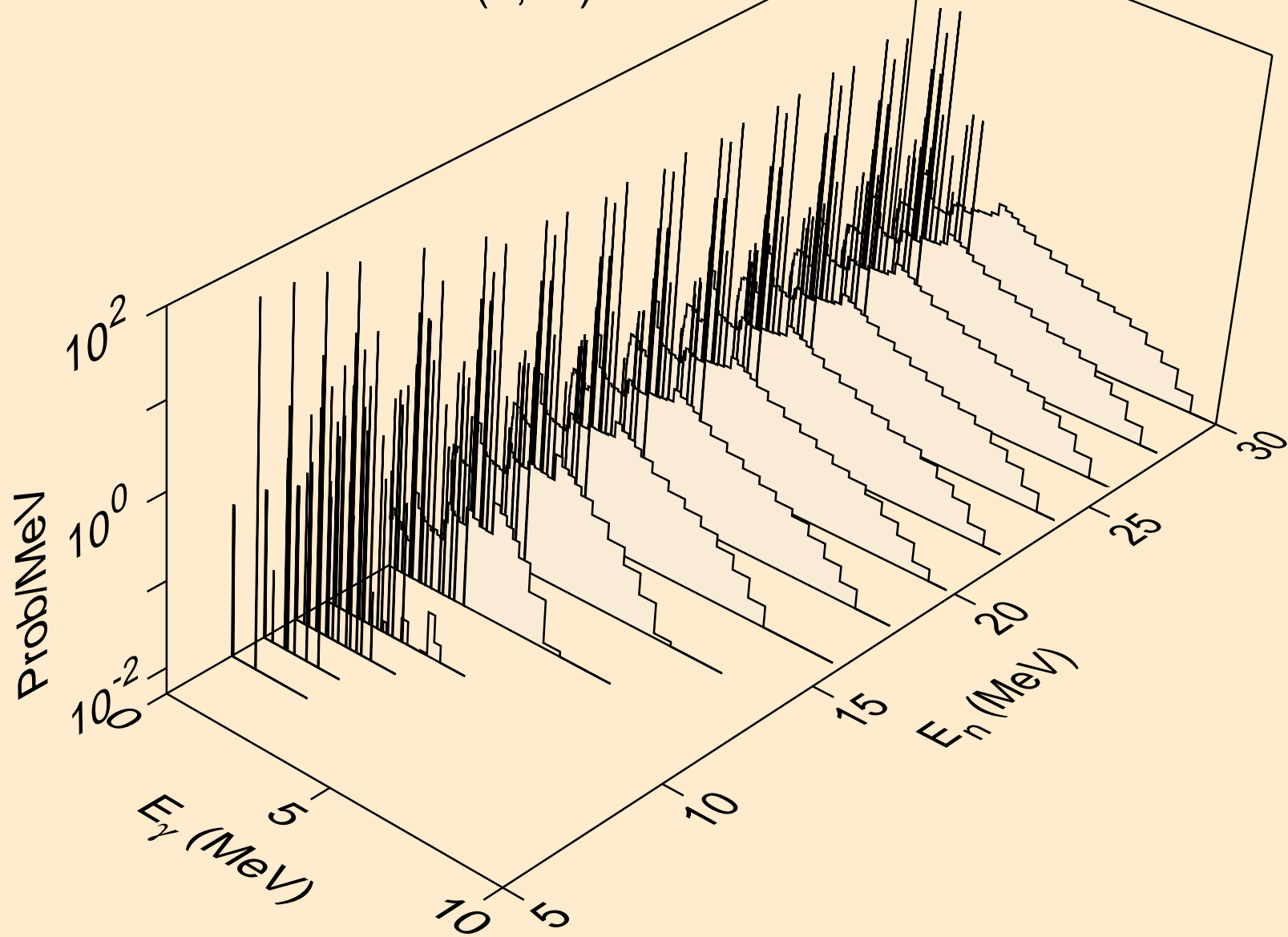
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Photon emission for (n,x)



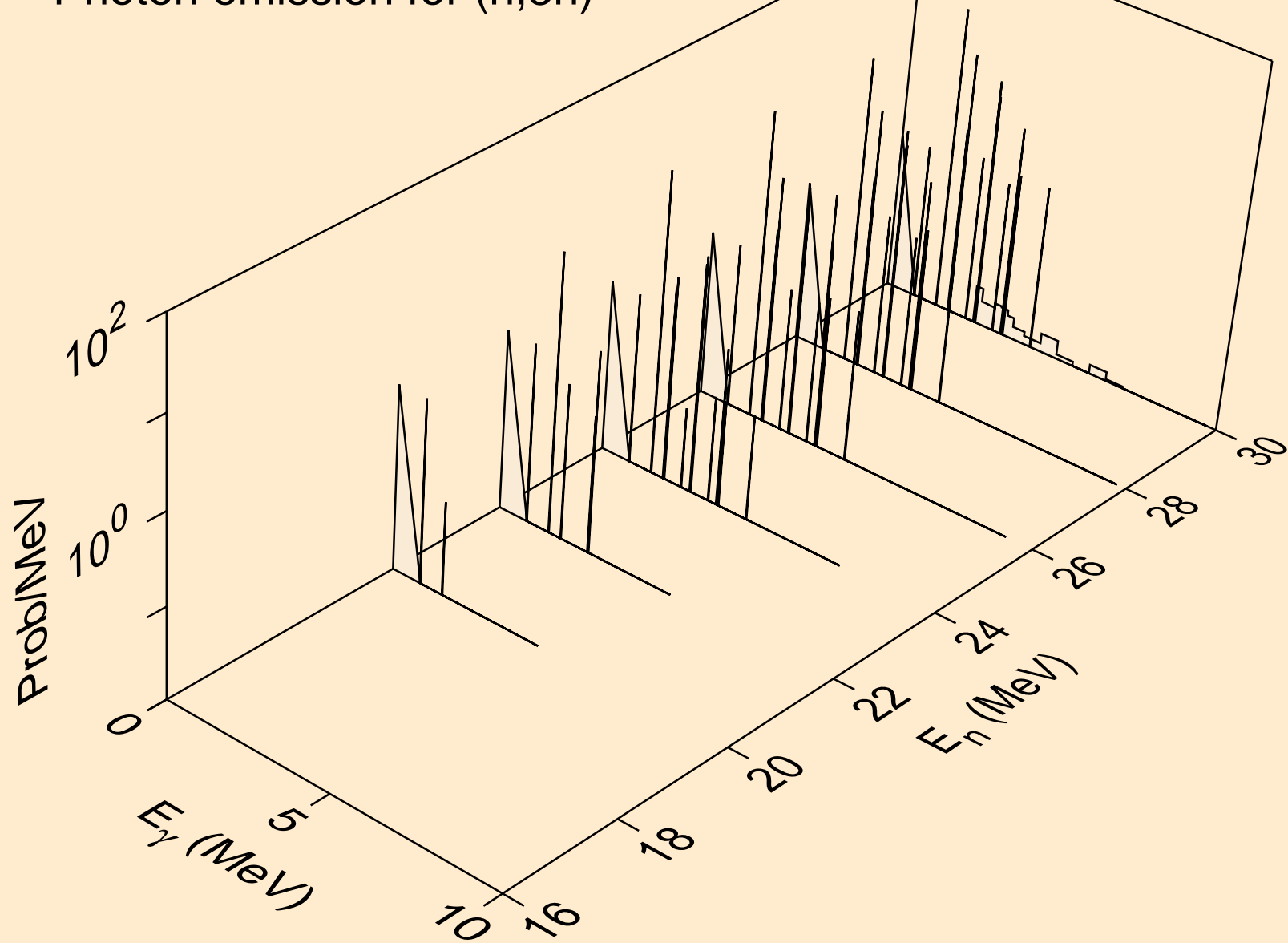
CR052 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)



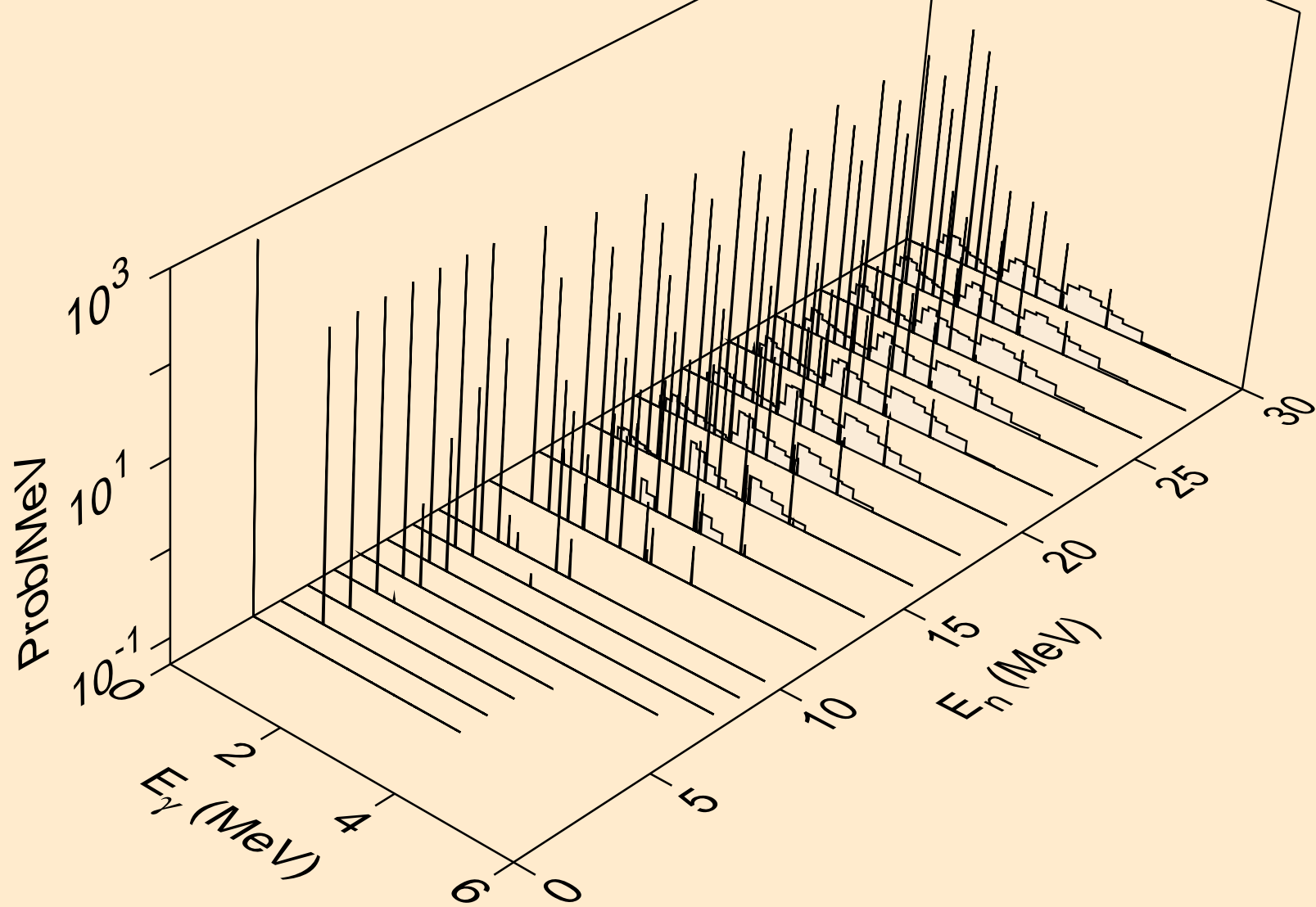
CR052 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



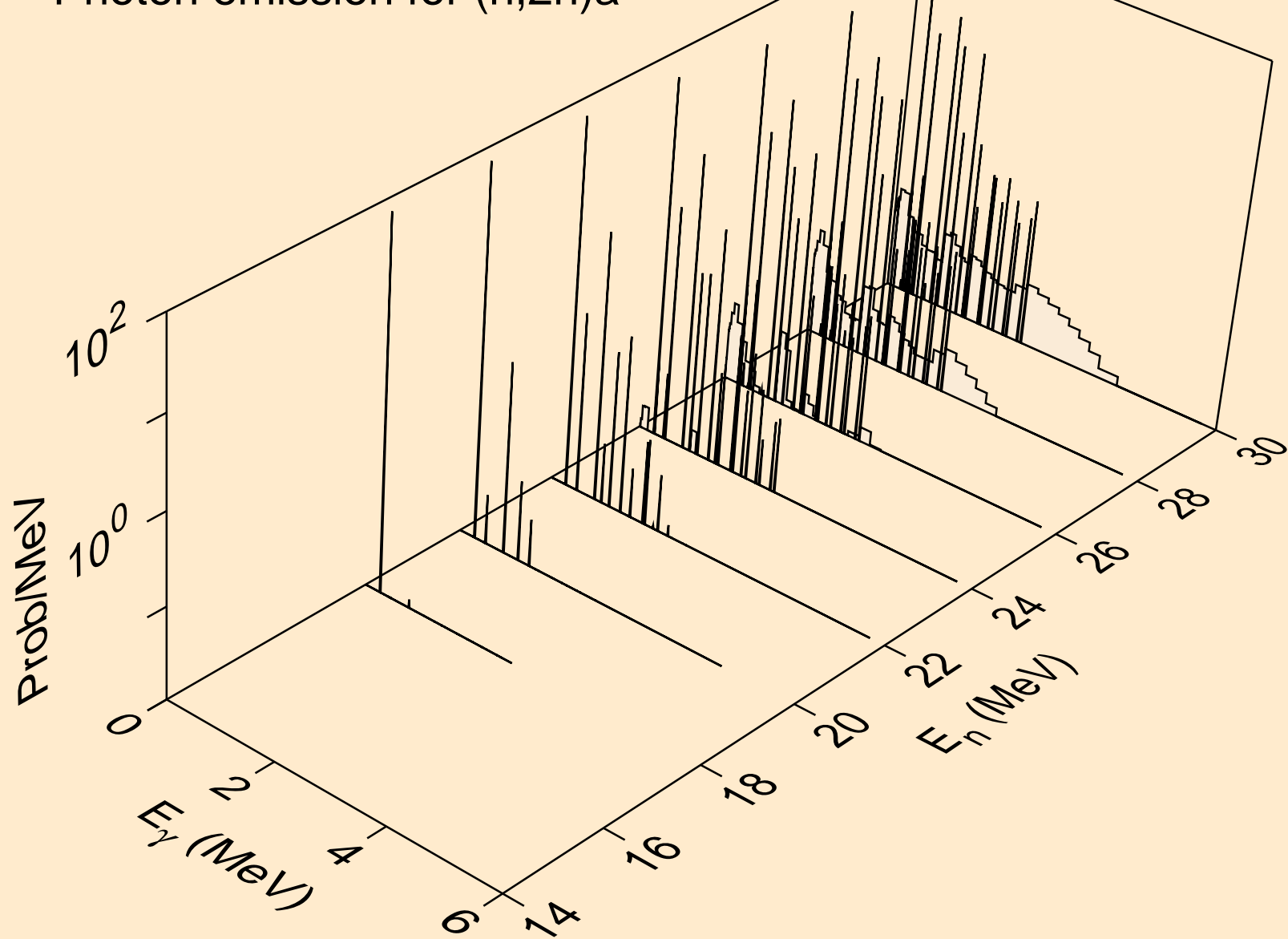
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Photon emission for (n,3n)



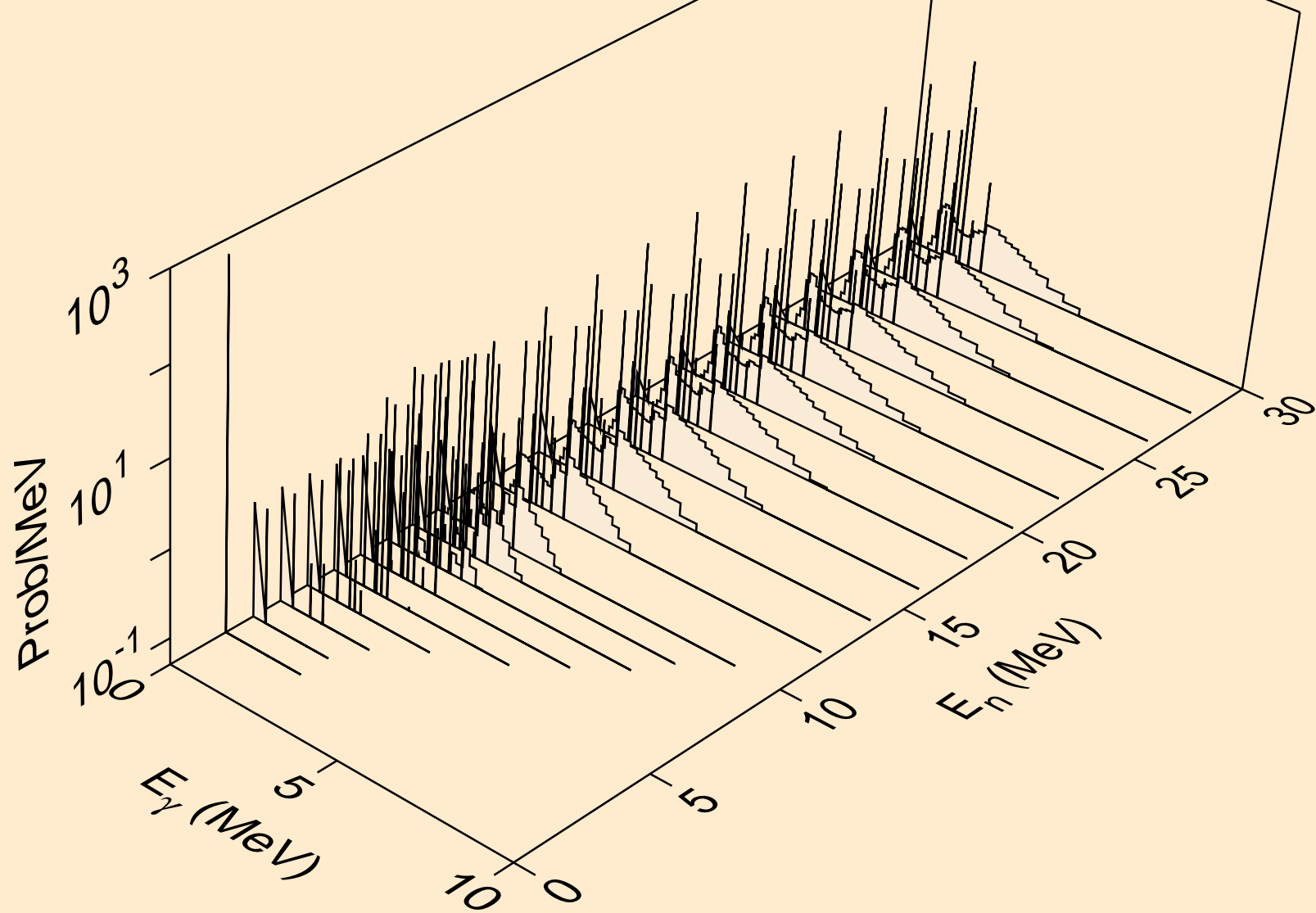
CR052 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



CR052 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a

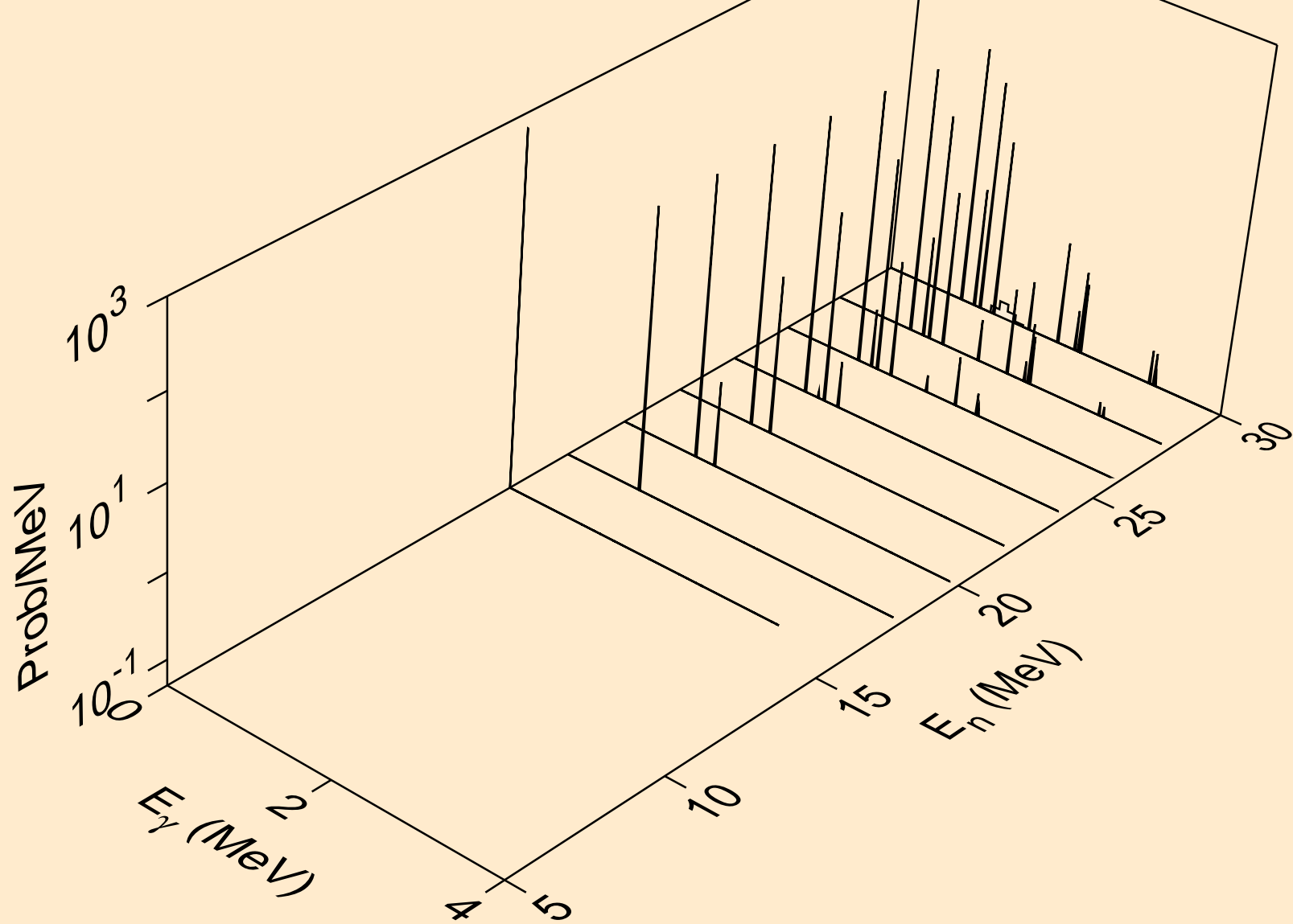


CR052 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

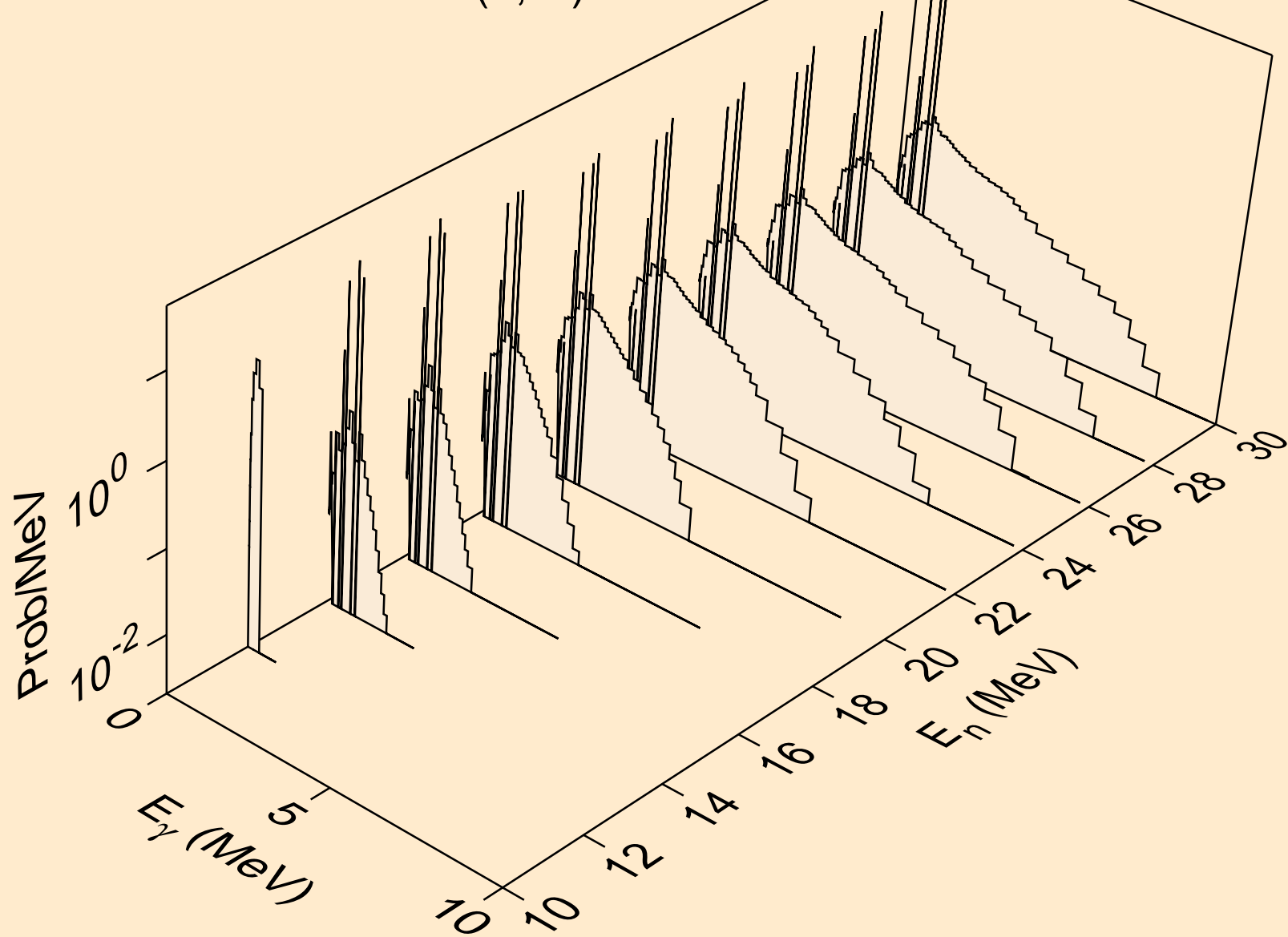




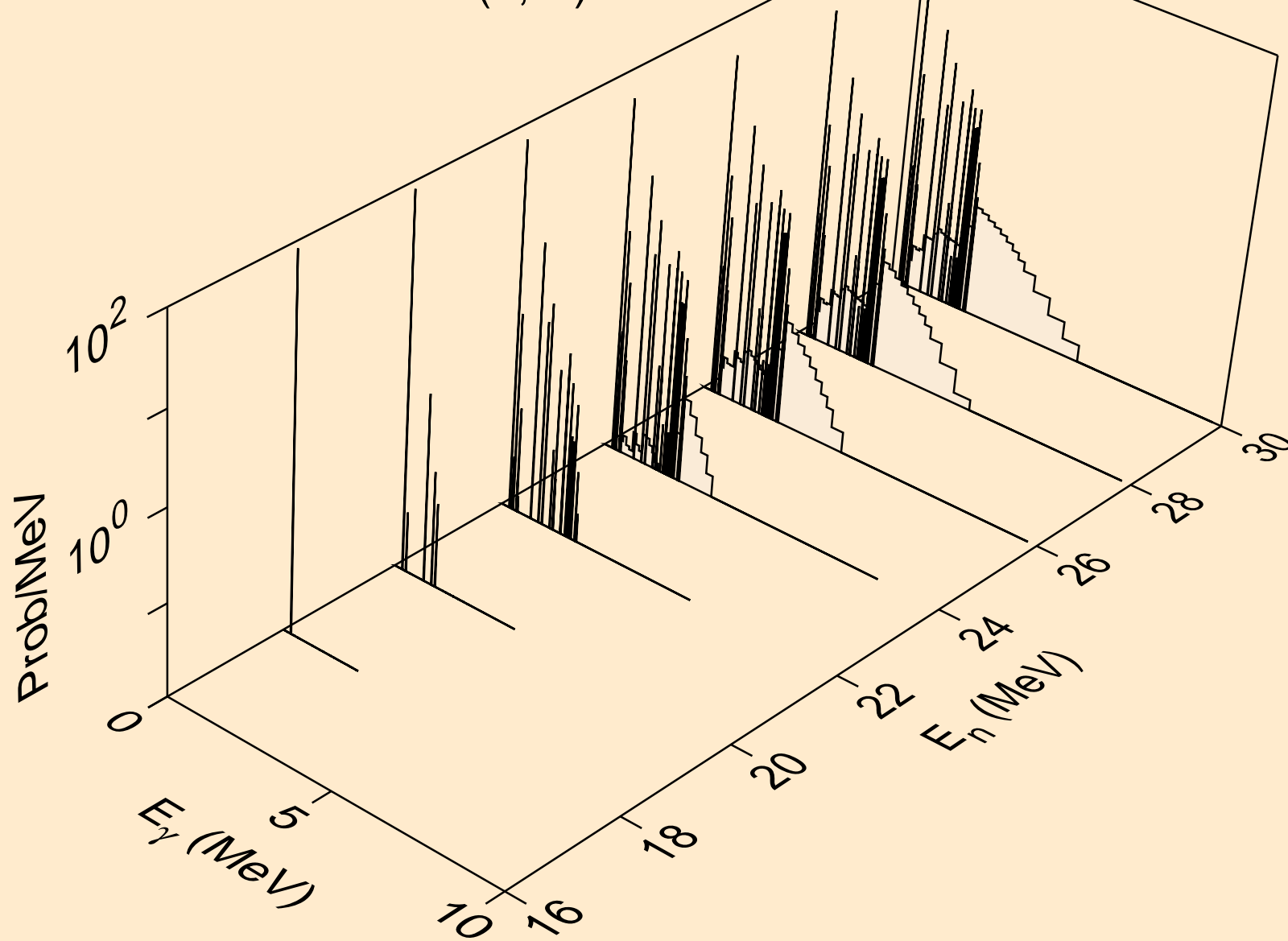
CR052 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



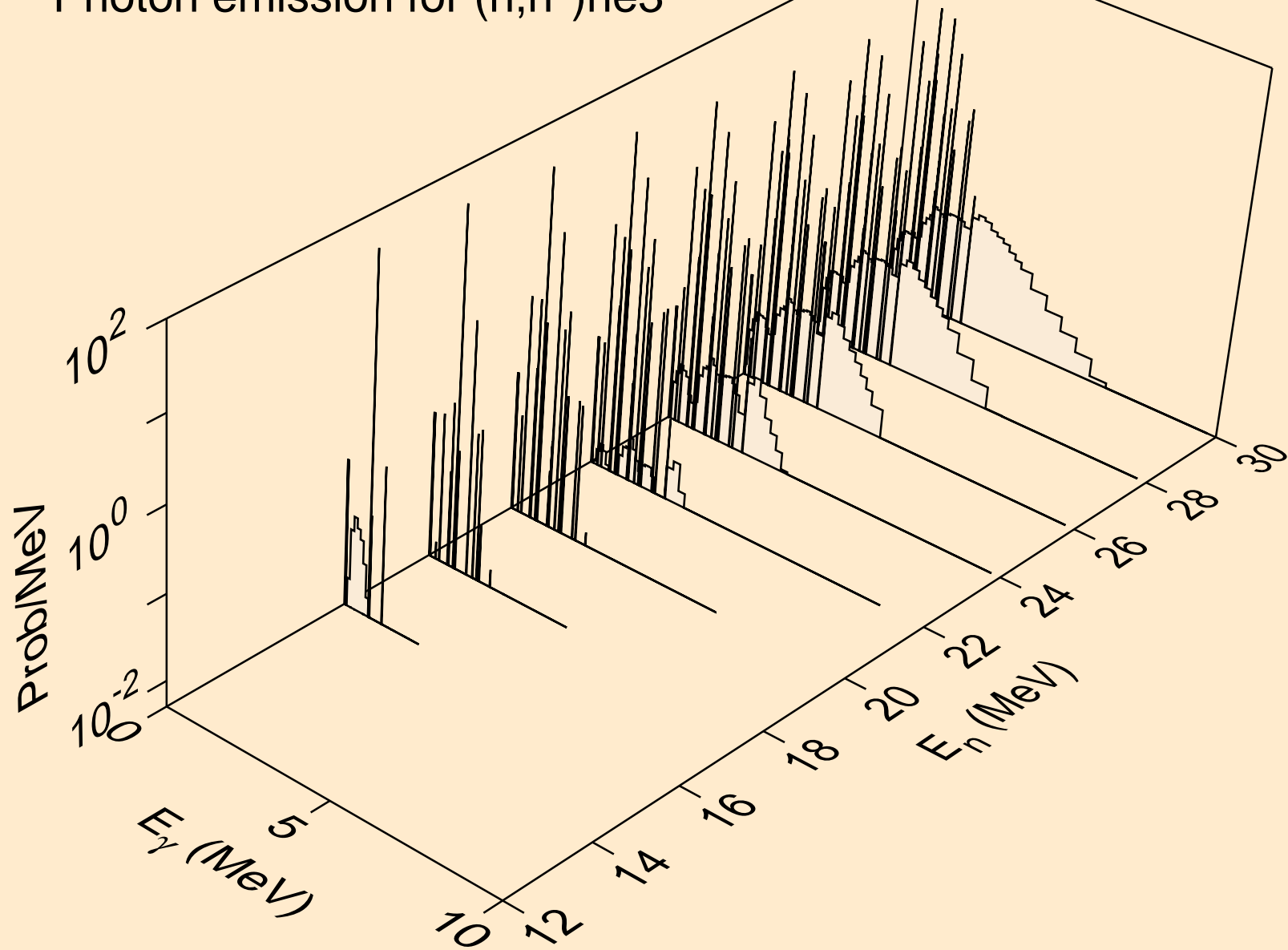
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Photon emission for (n,n\*)d



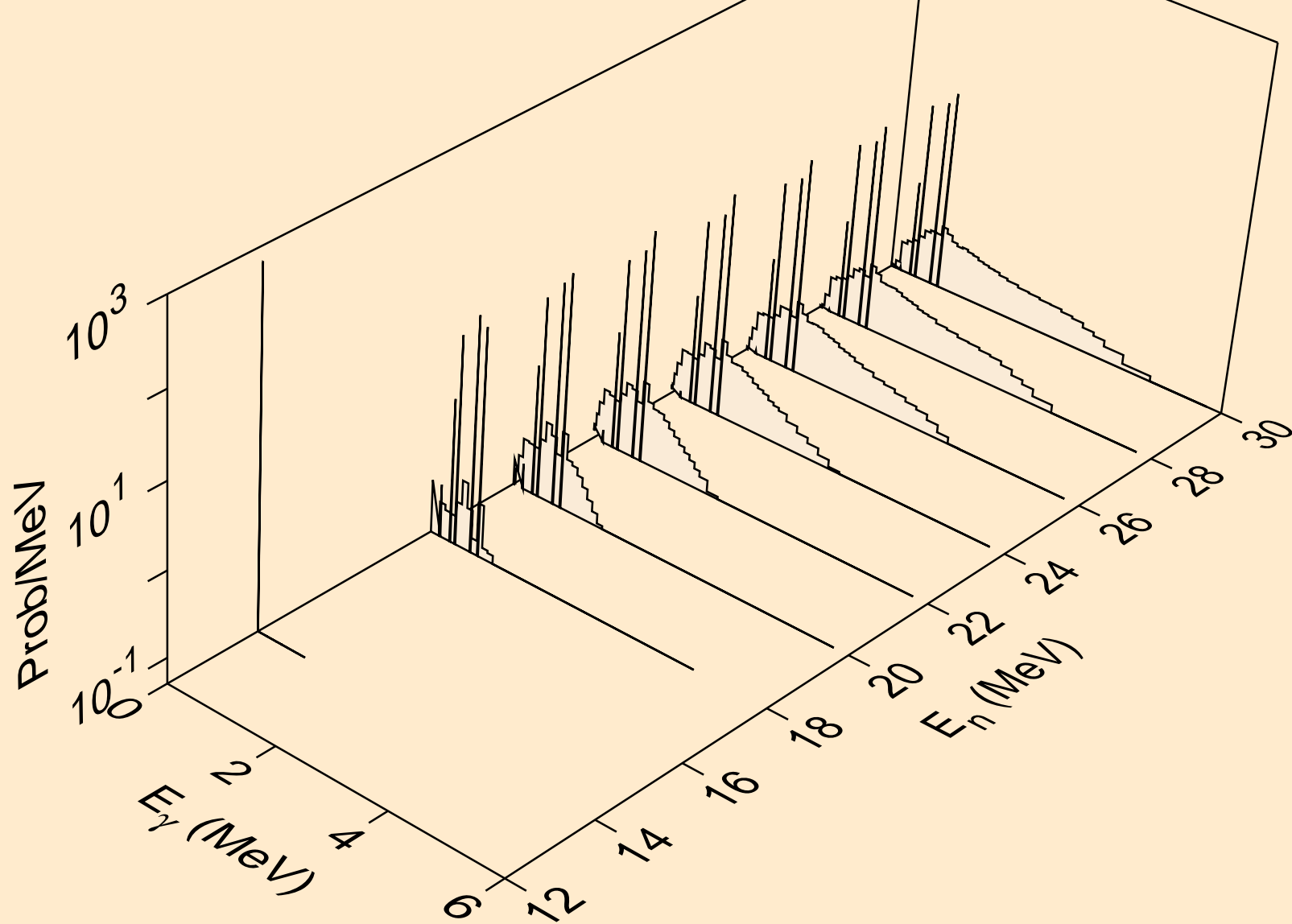
CR052 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



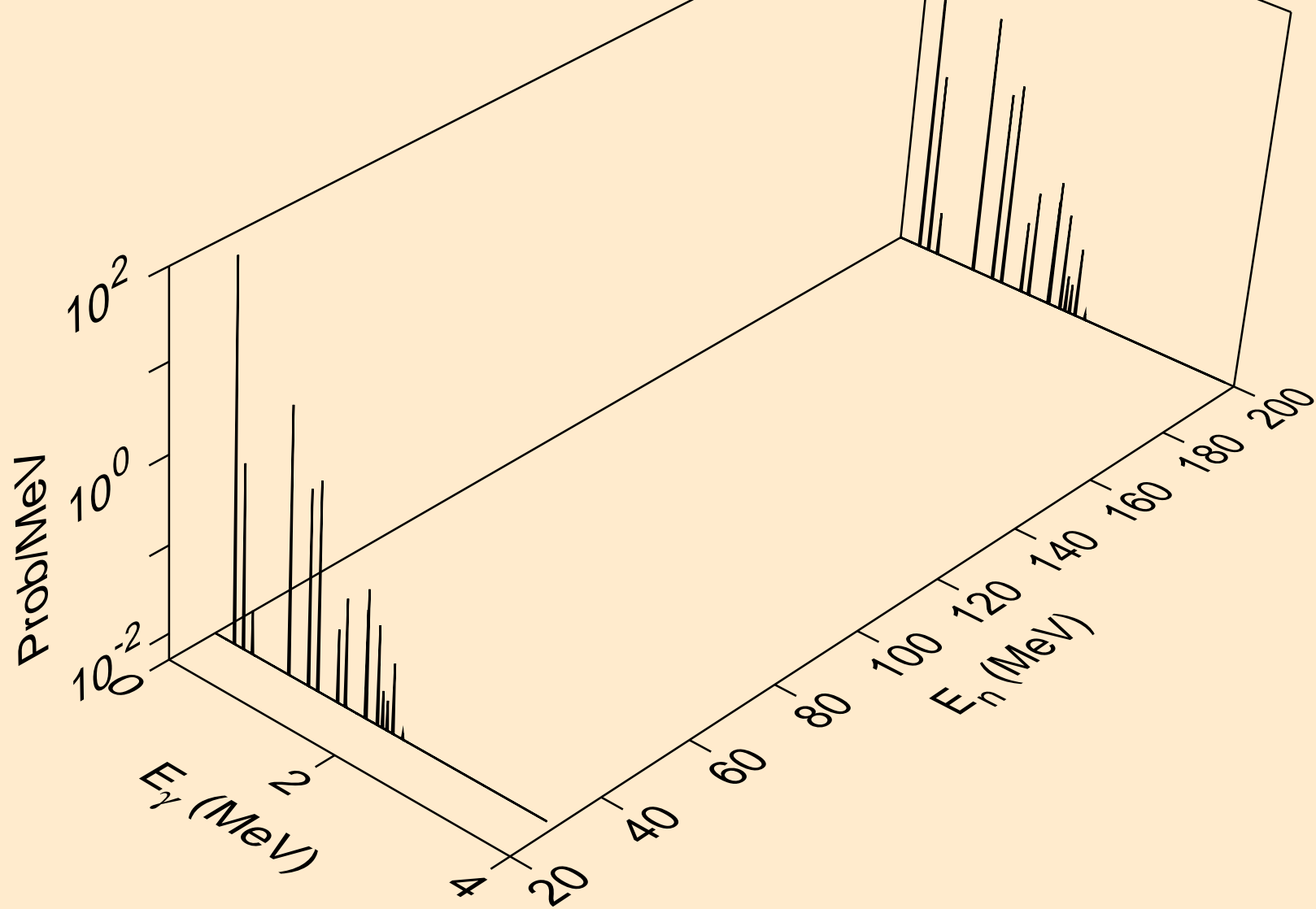
CR052 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



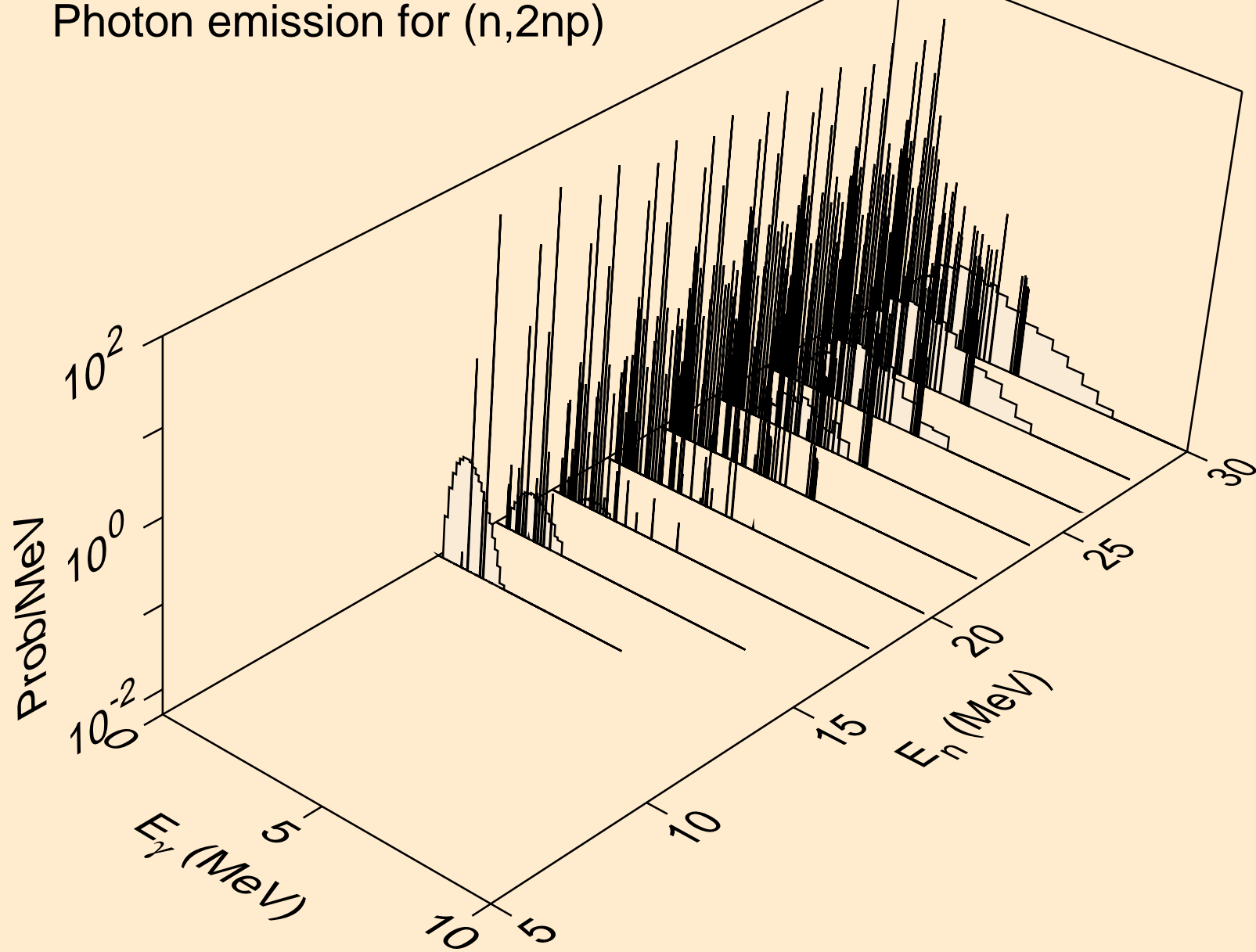
CR052 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



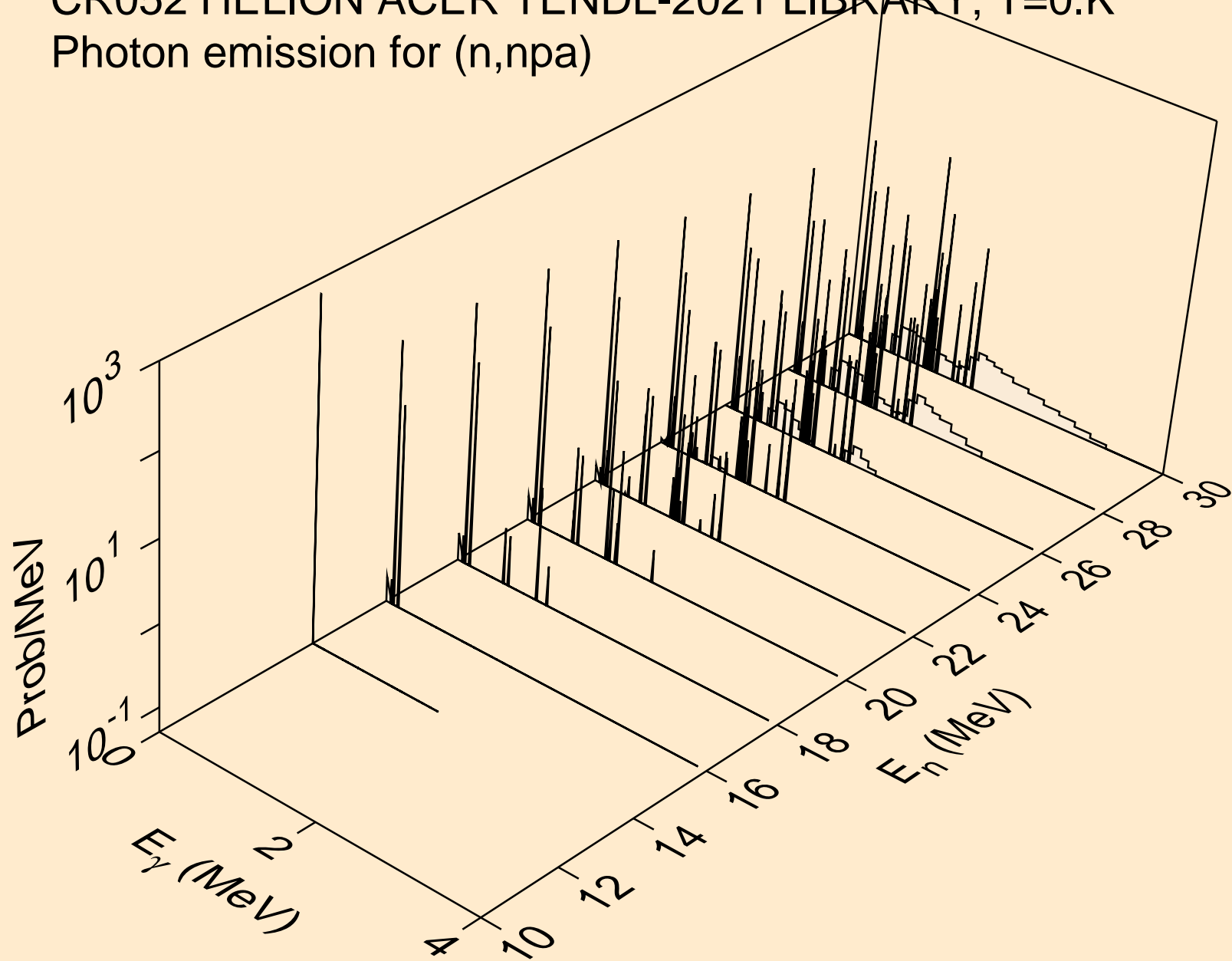
CR052 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3np)



CR052 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)

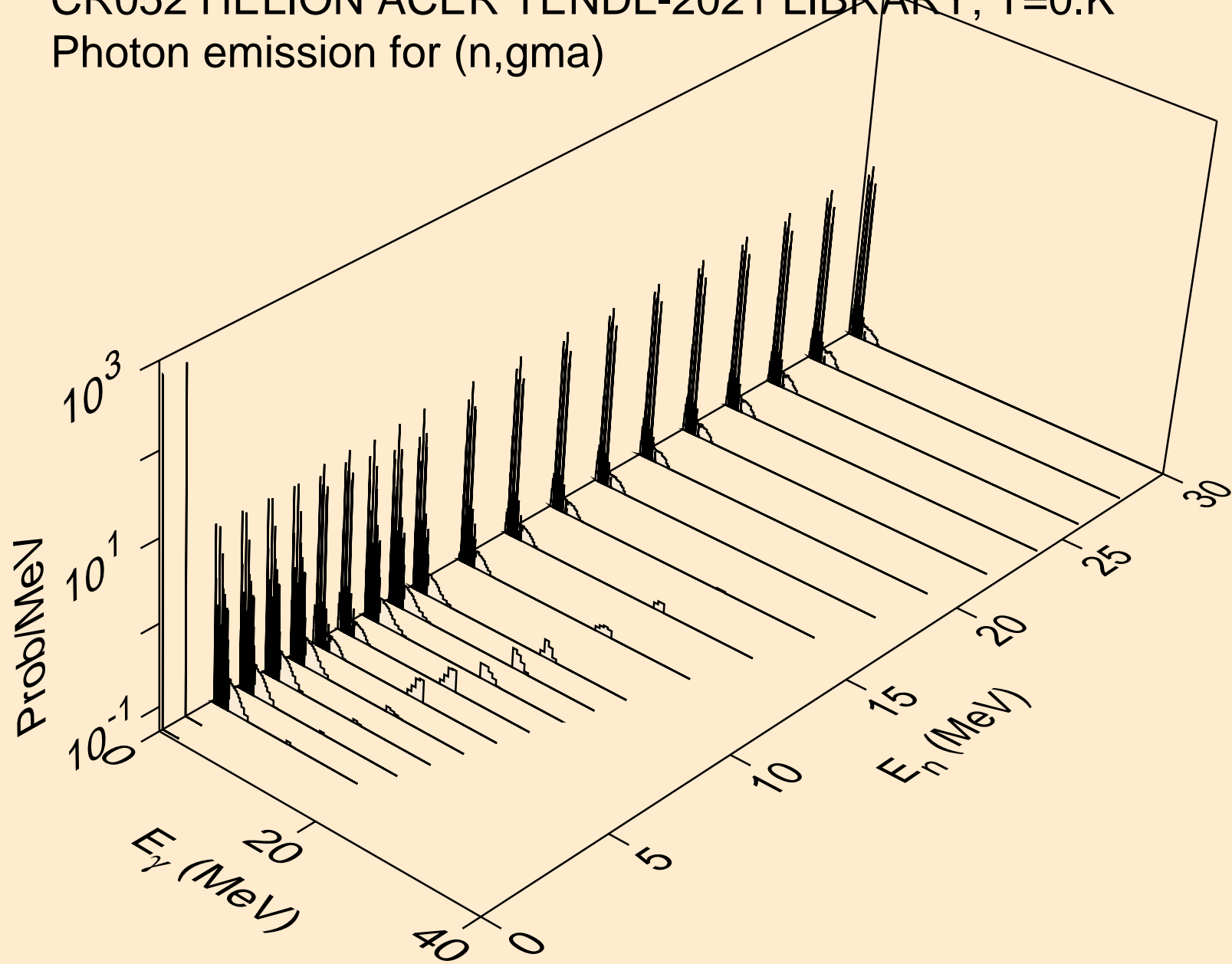


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Photon emission for (n,npa)

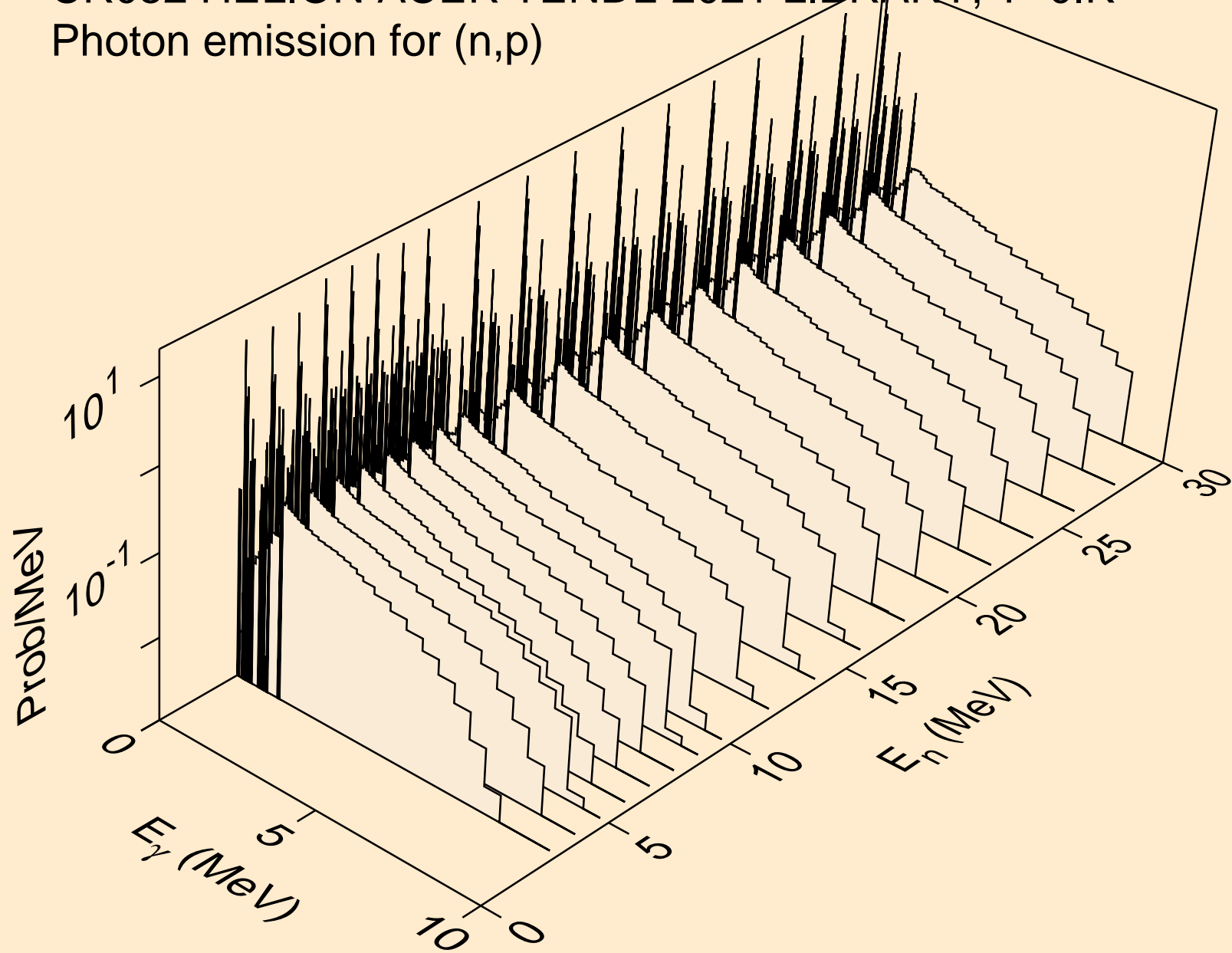




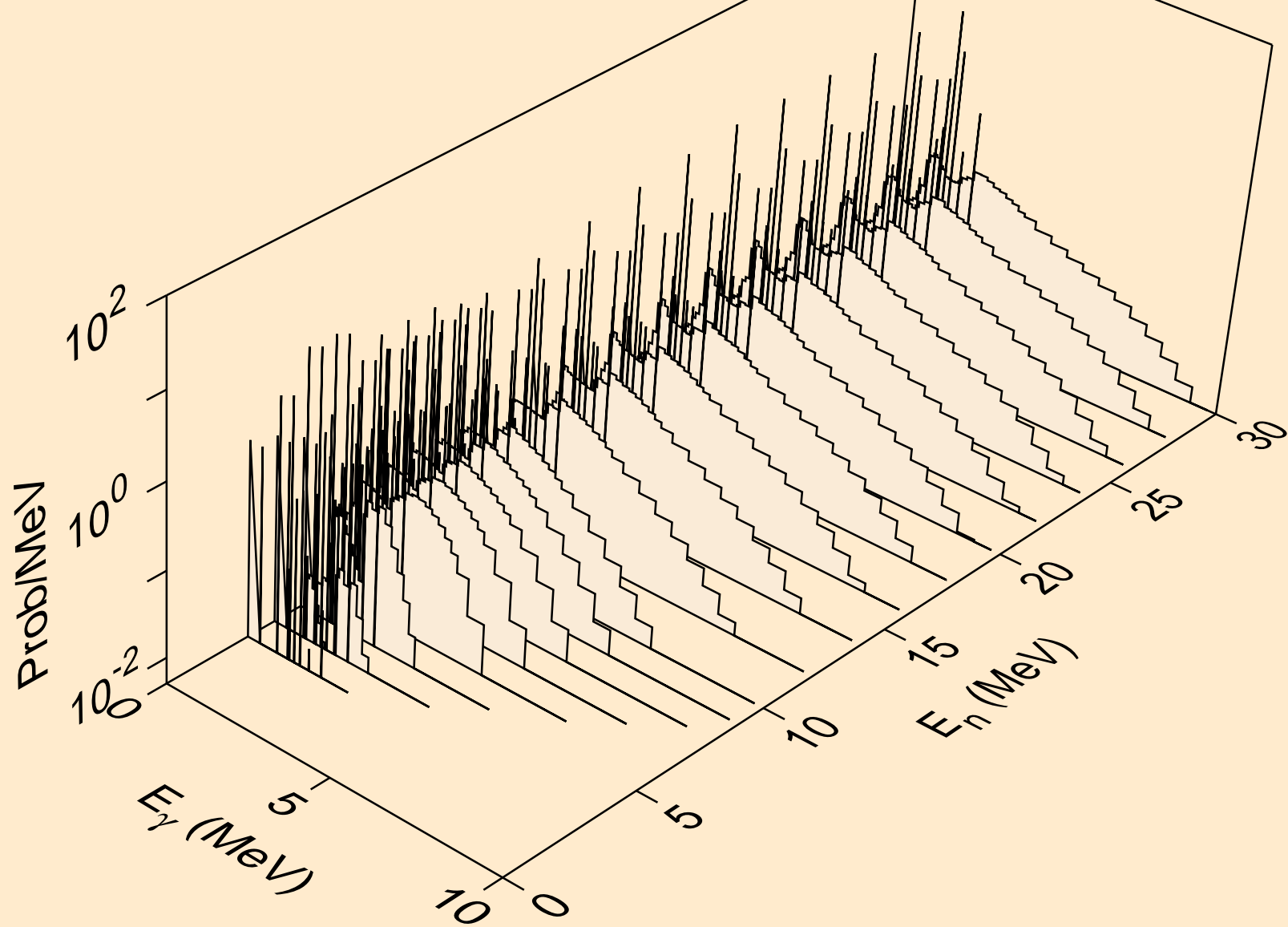
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Photon emission for (n,gma)



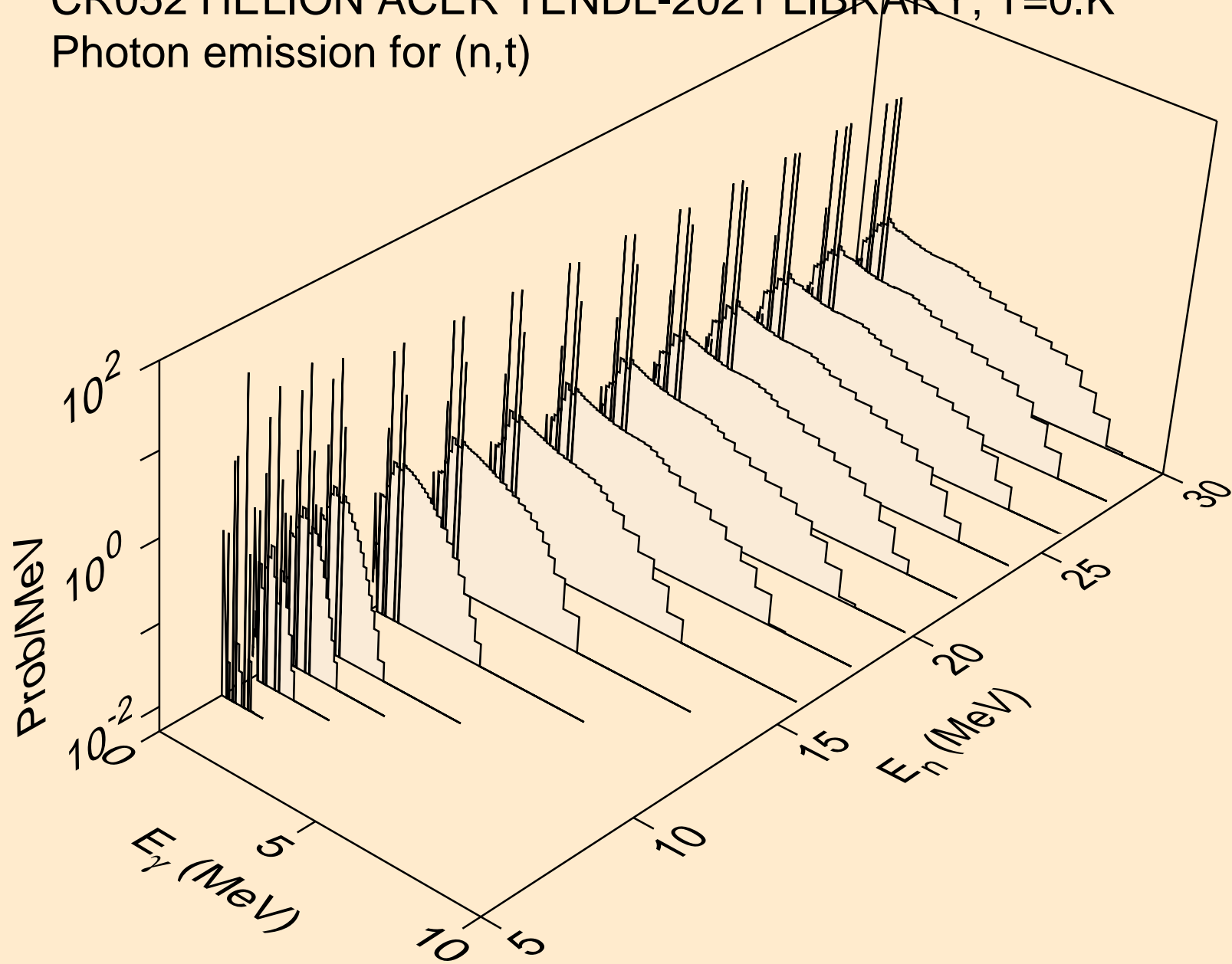
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Photon emission for (n,p)



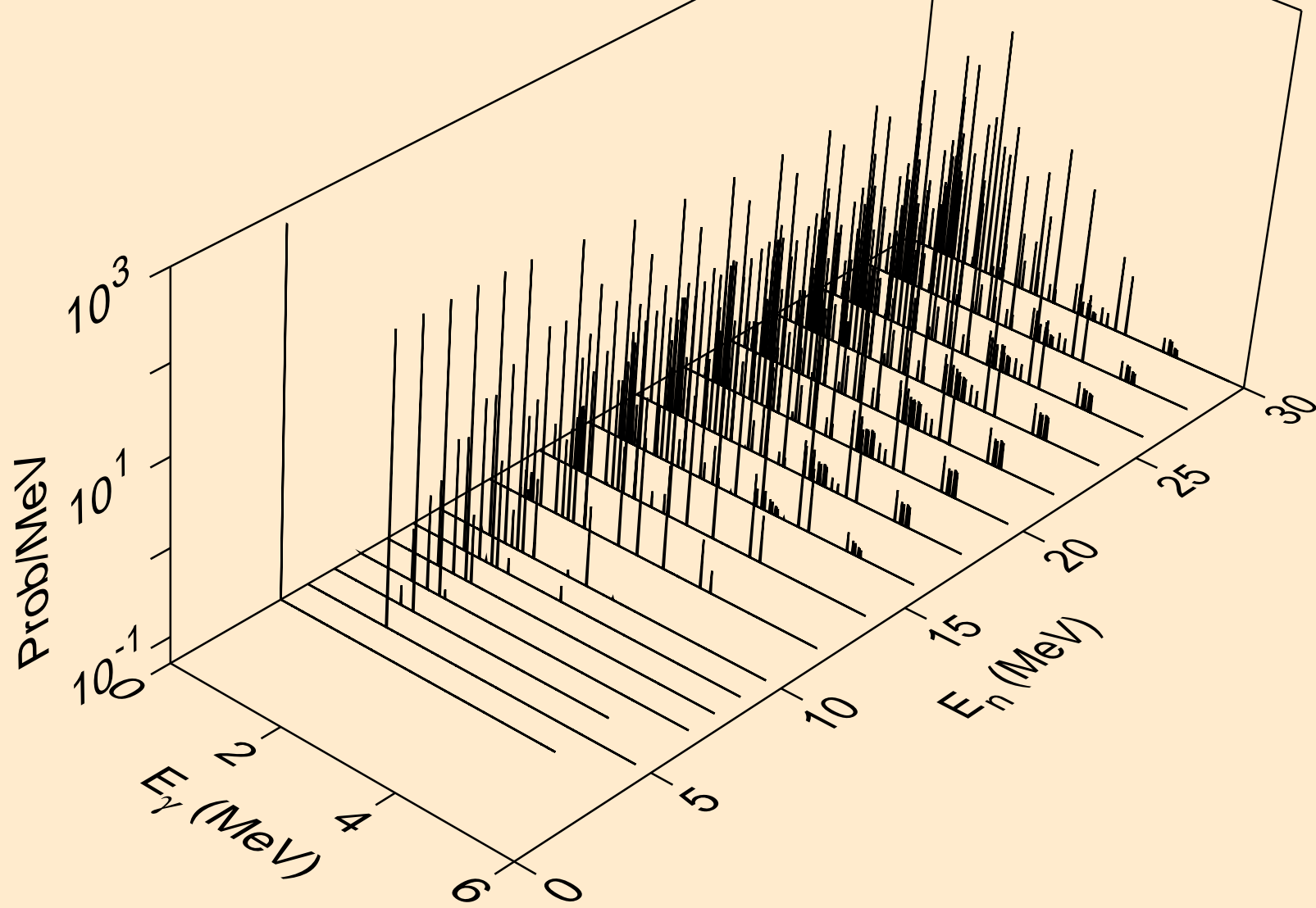
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Photon emission for (n,d)



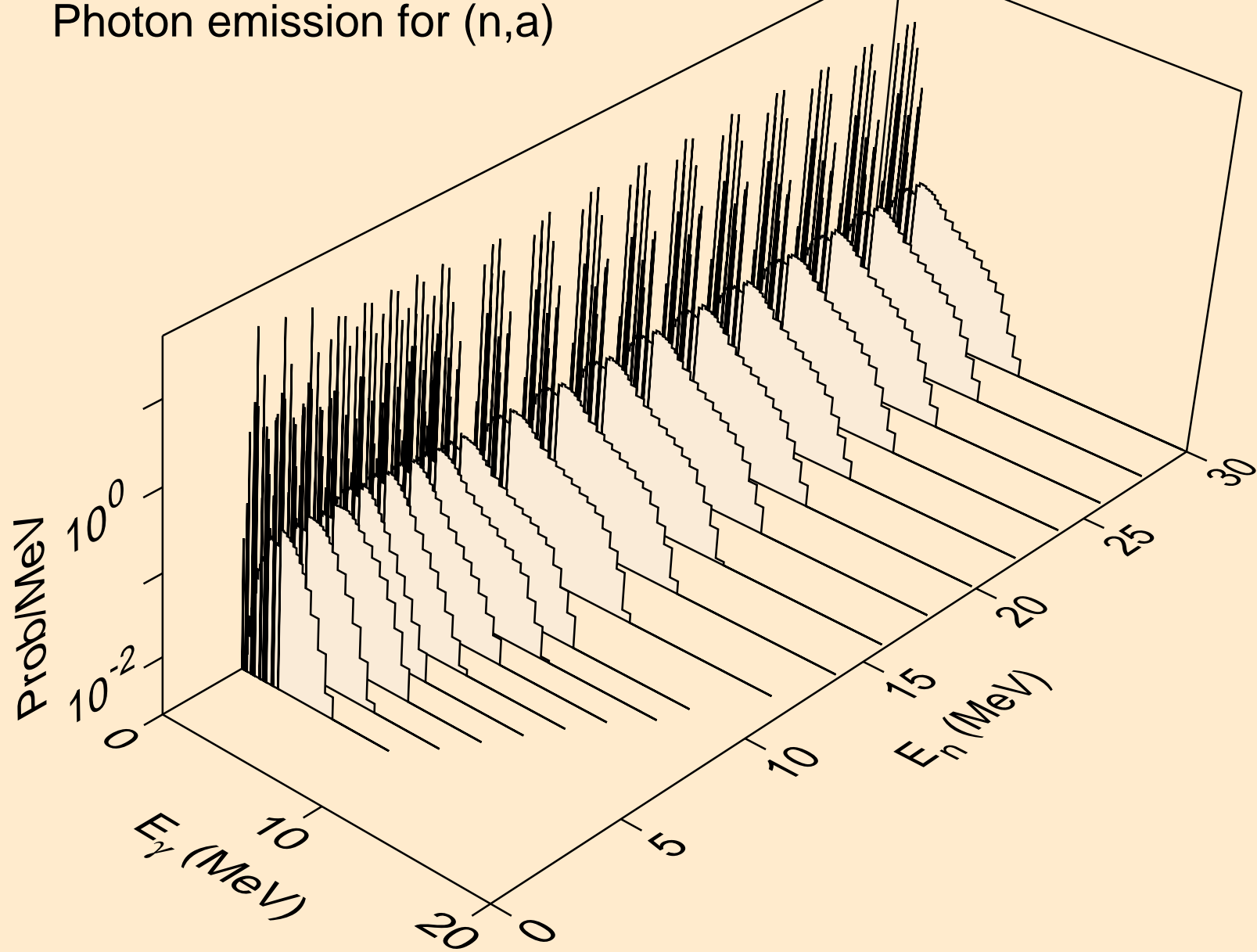
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Photon emission for (n,t)



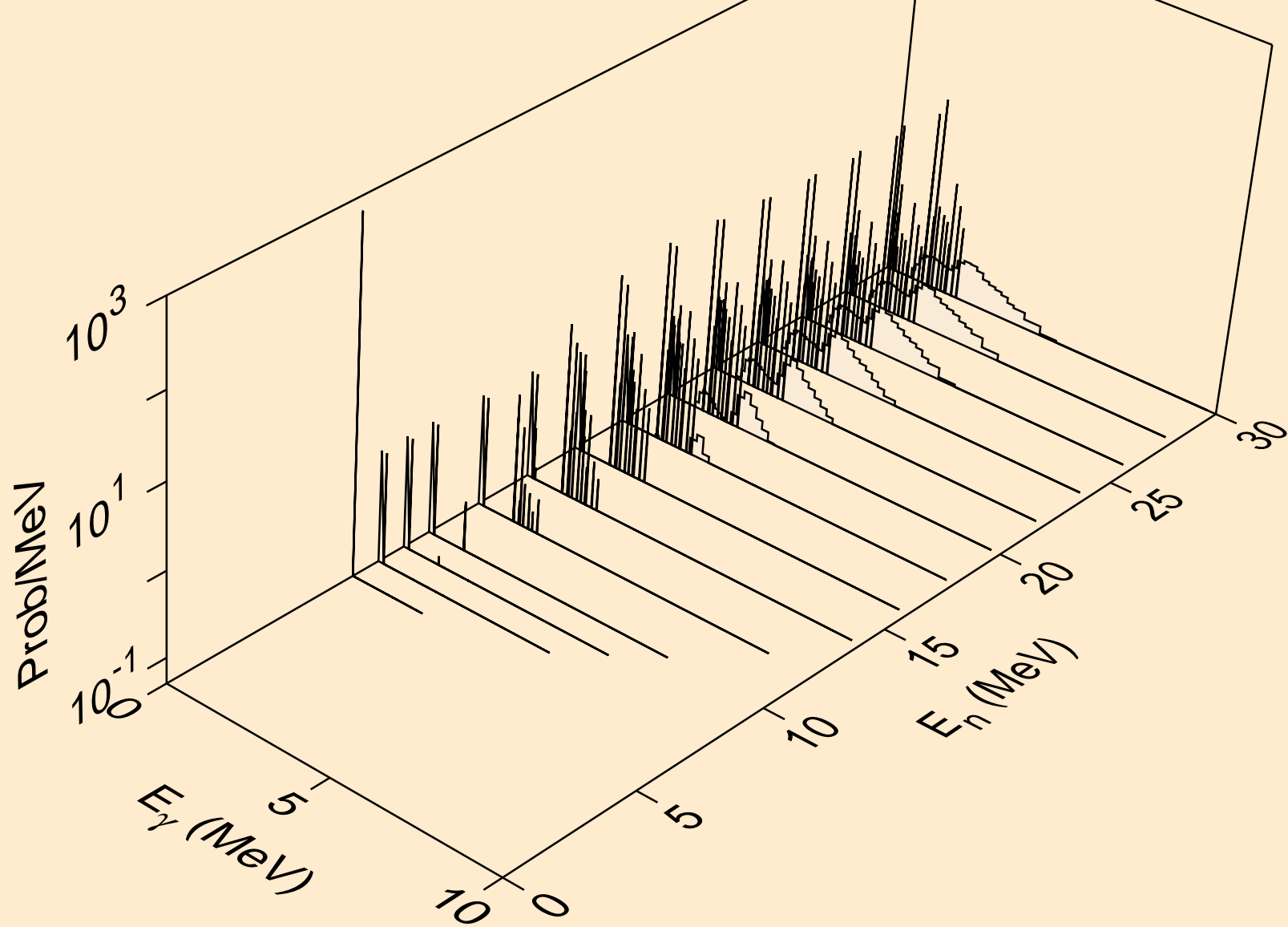
CR052 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



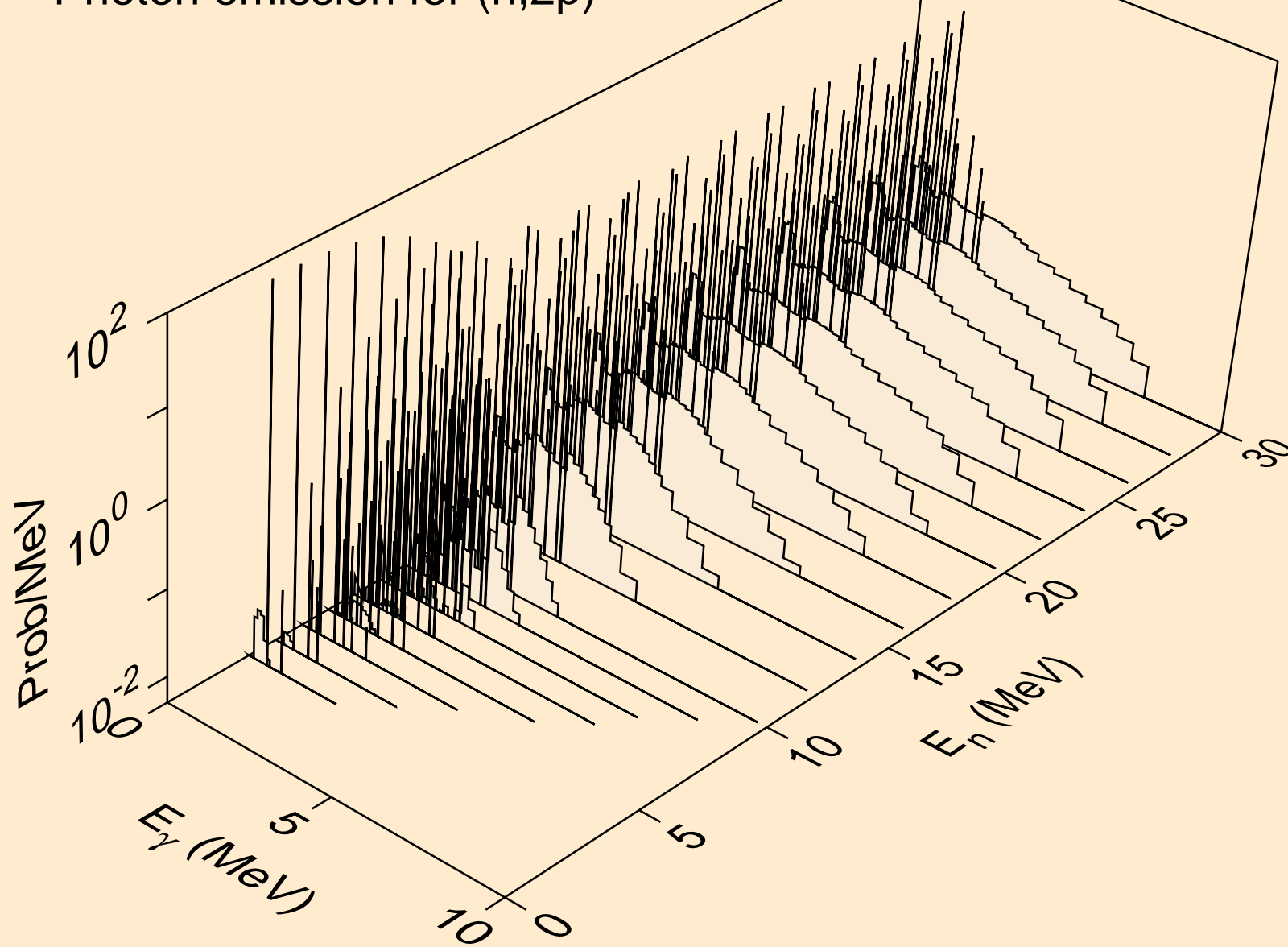
CR052 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,a)



CR052 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2a)

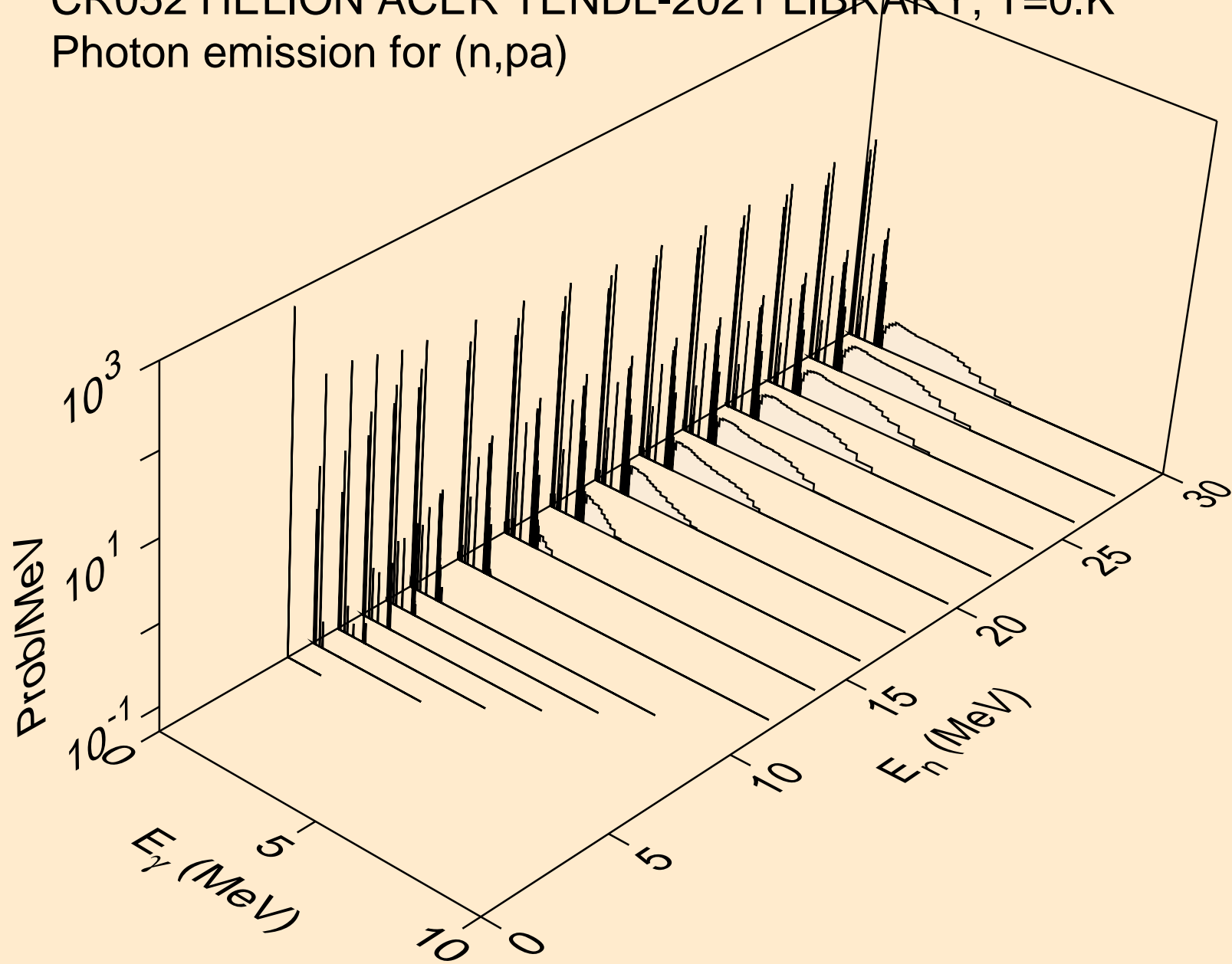


CR052 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)

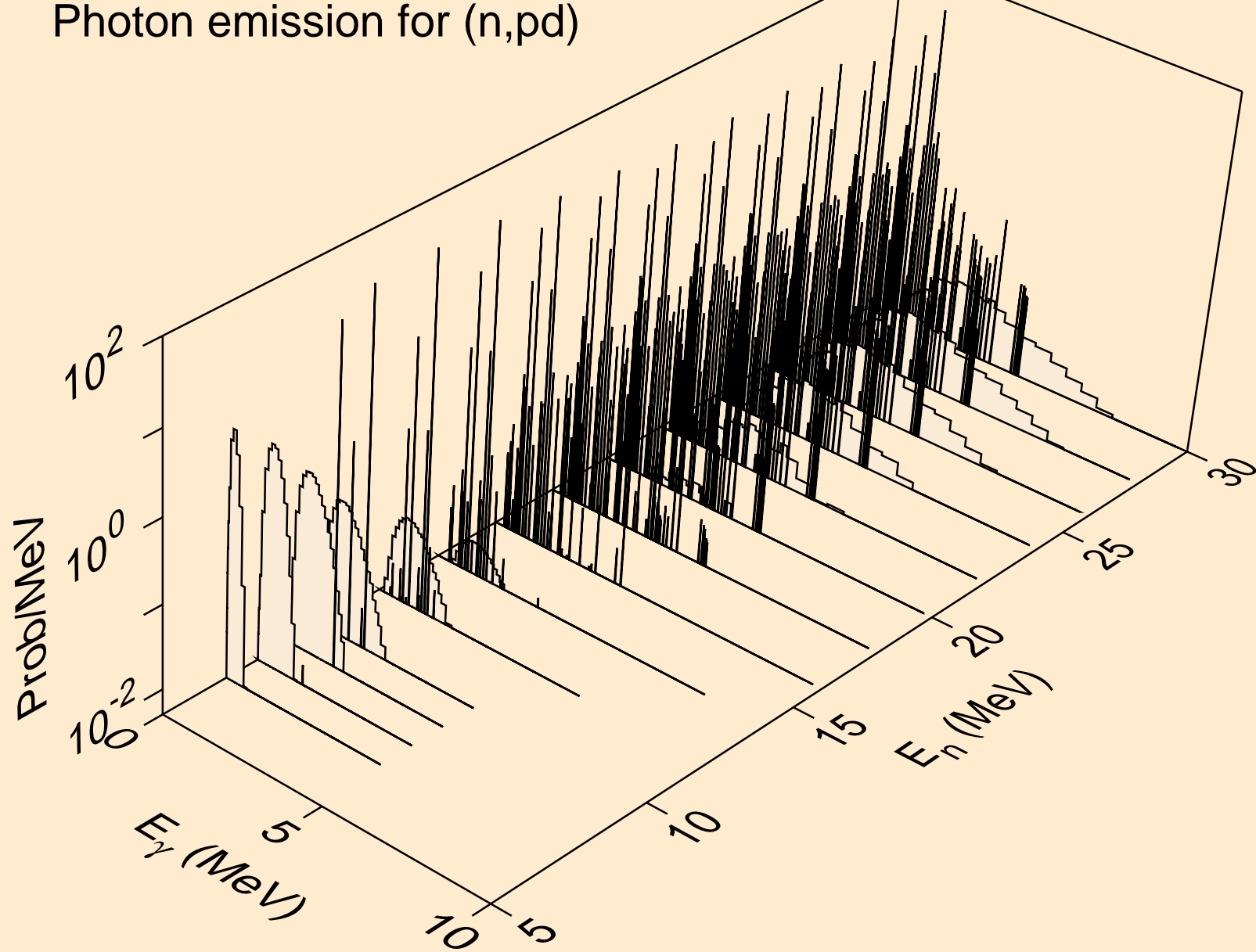




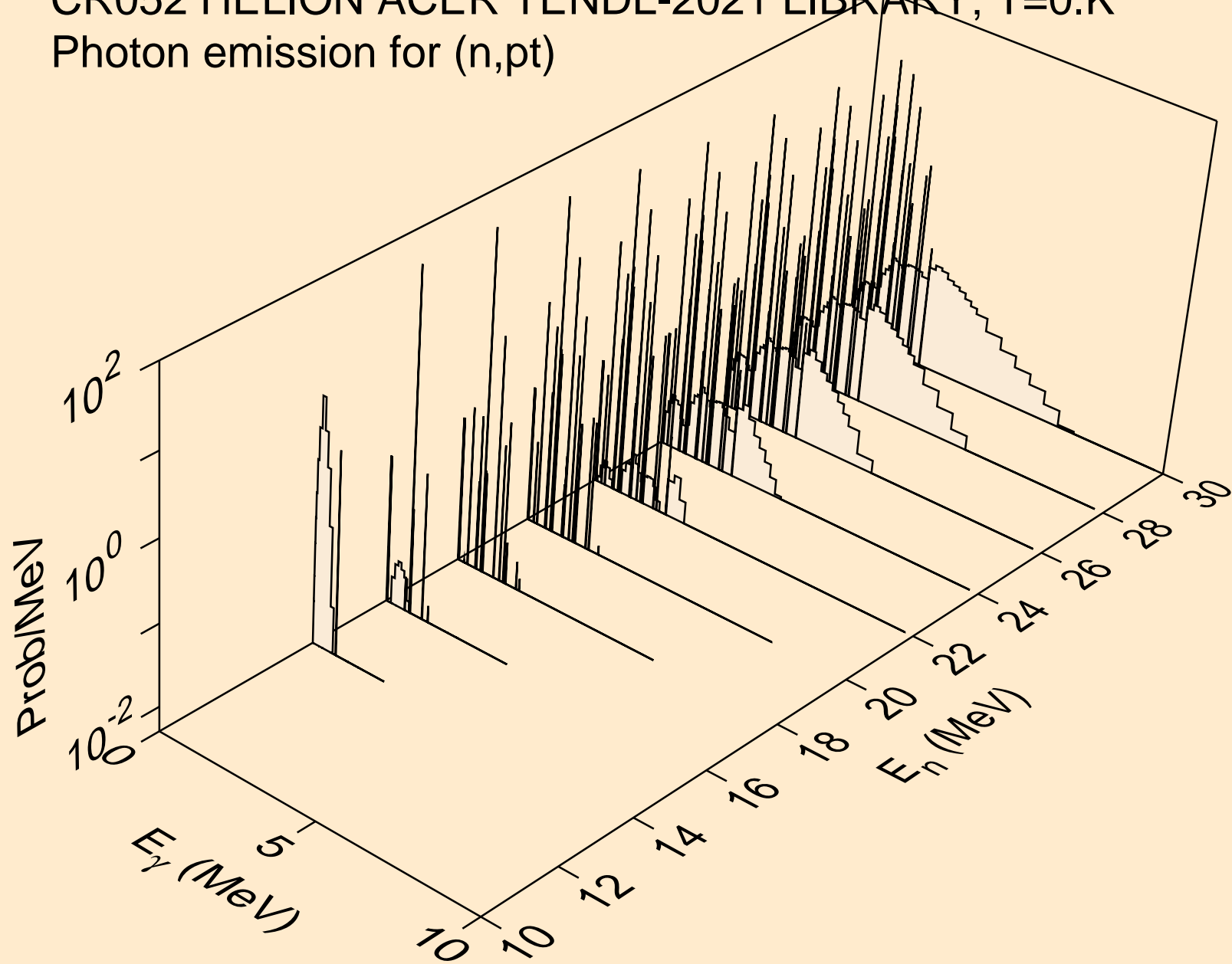
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Photon emission for (n,pa)



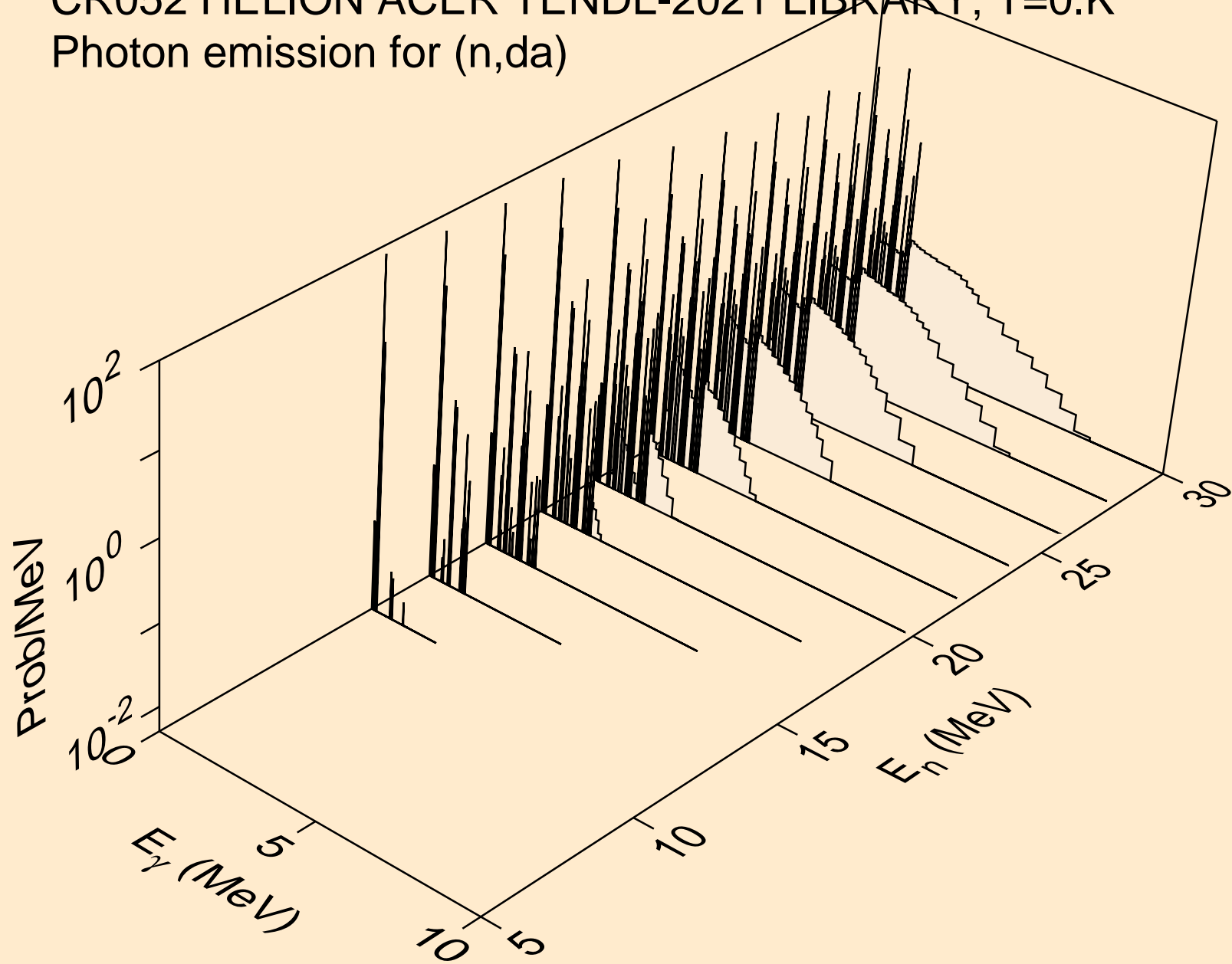
CR052 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)



CR052 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)

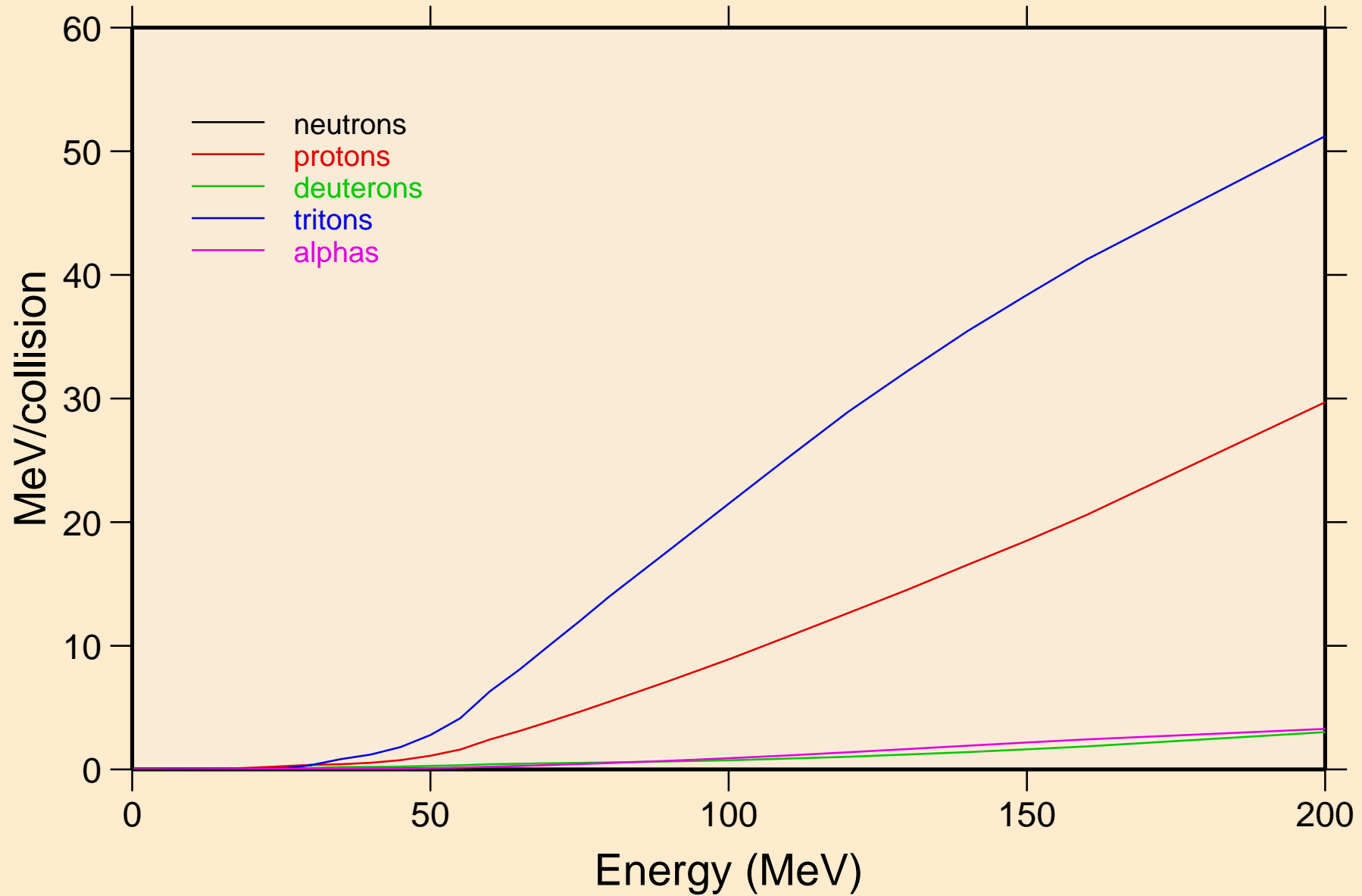


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Photon emission for (n,da)

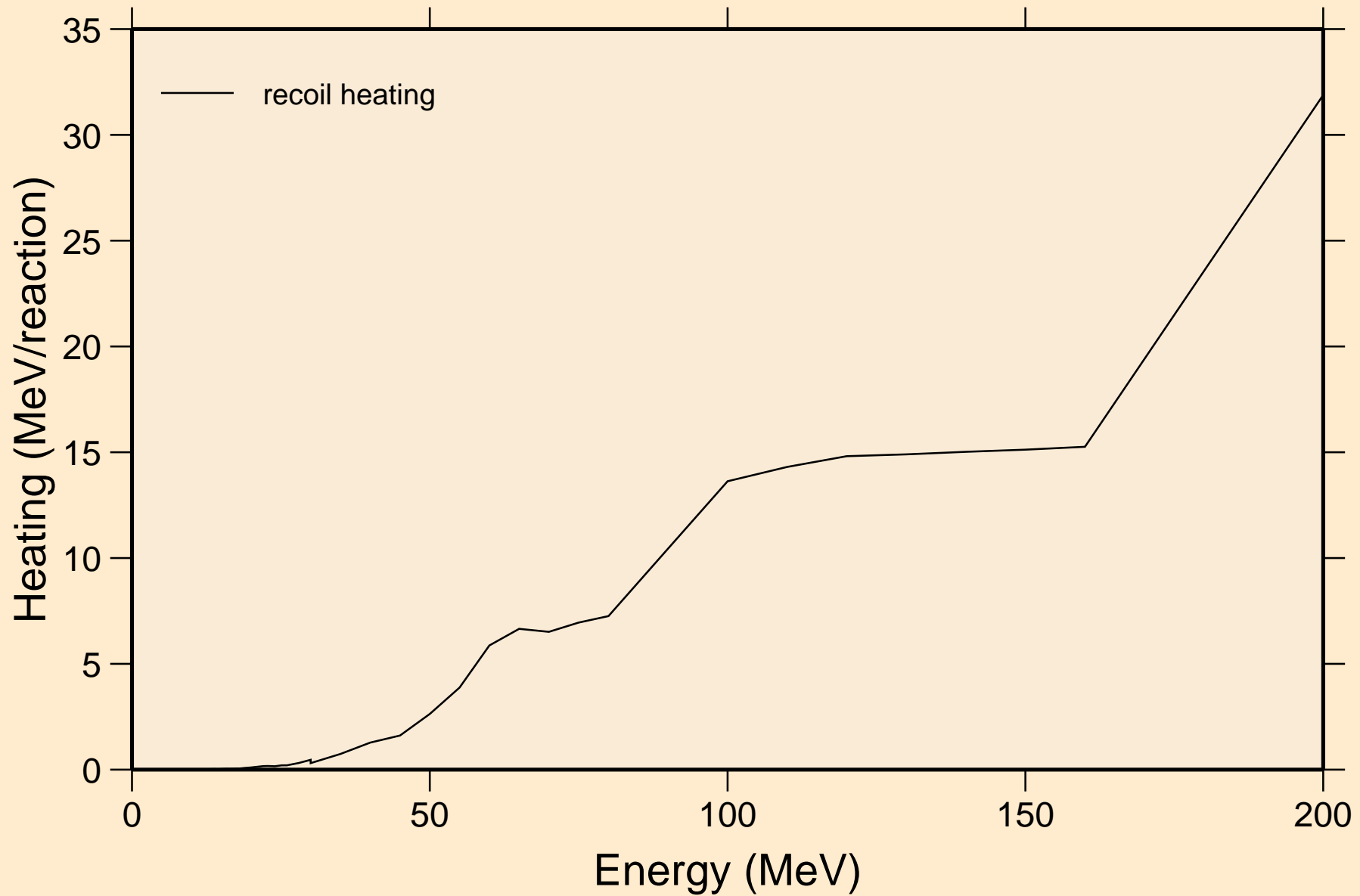


# CR052 HELION ACER TENDL-2021 LIBRARY; T=0.K

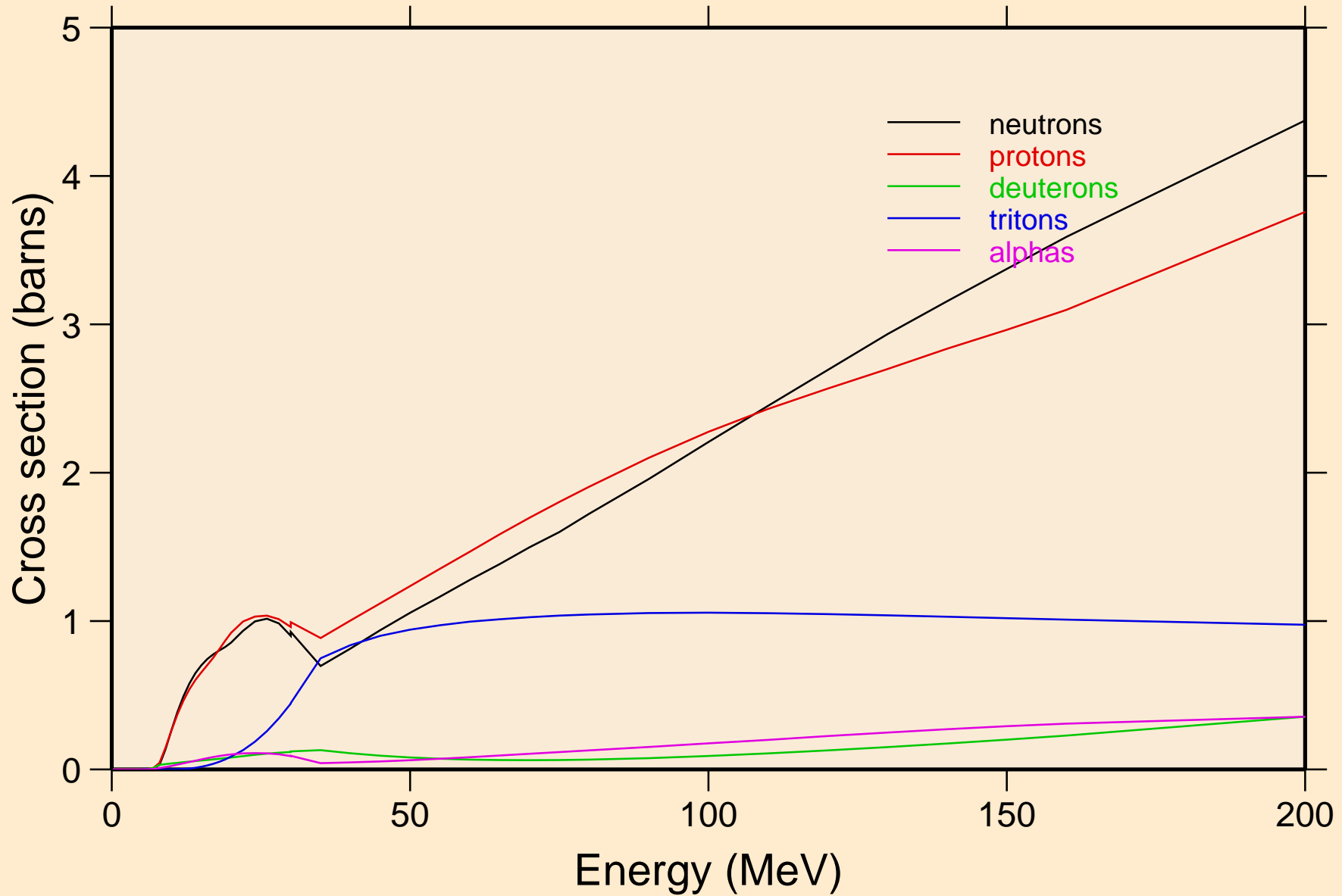
## Particle heating contributions



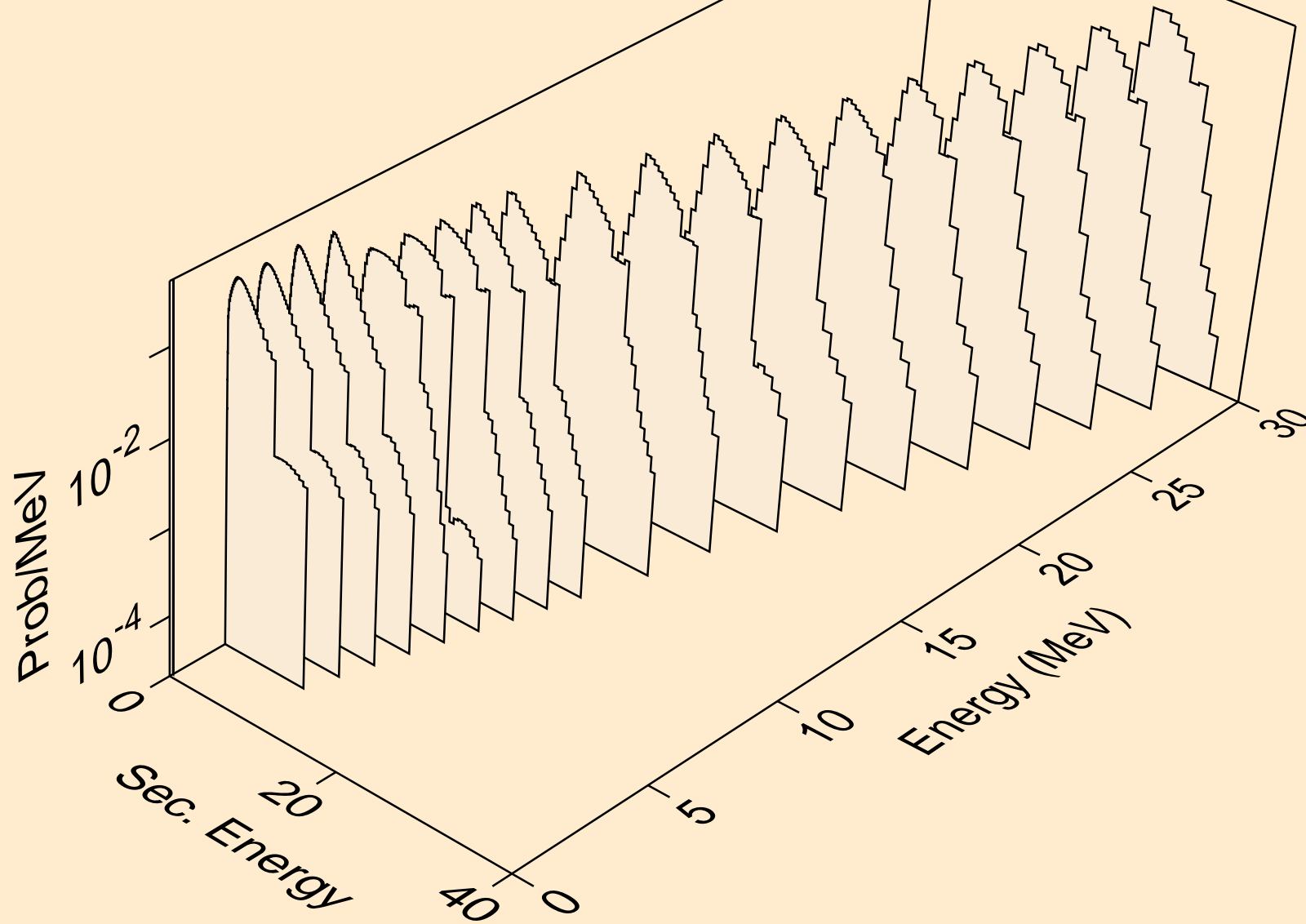
CR052 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating



CR052 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections

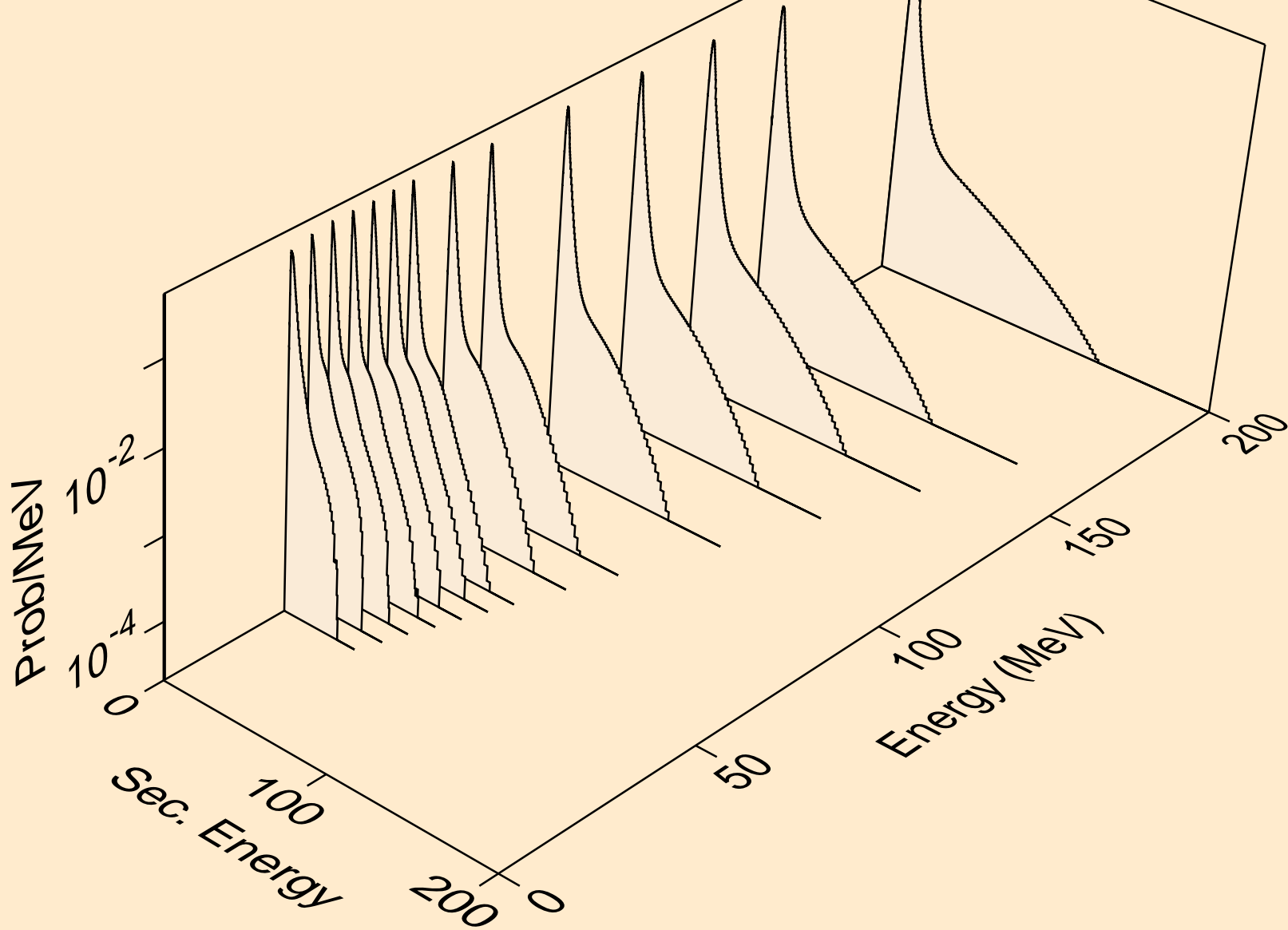


CR052 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n)

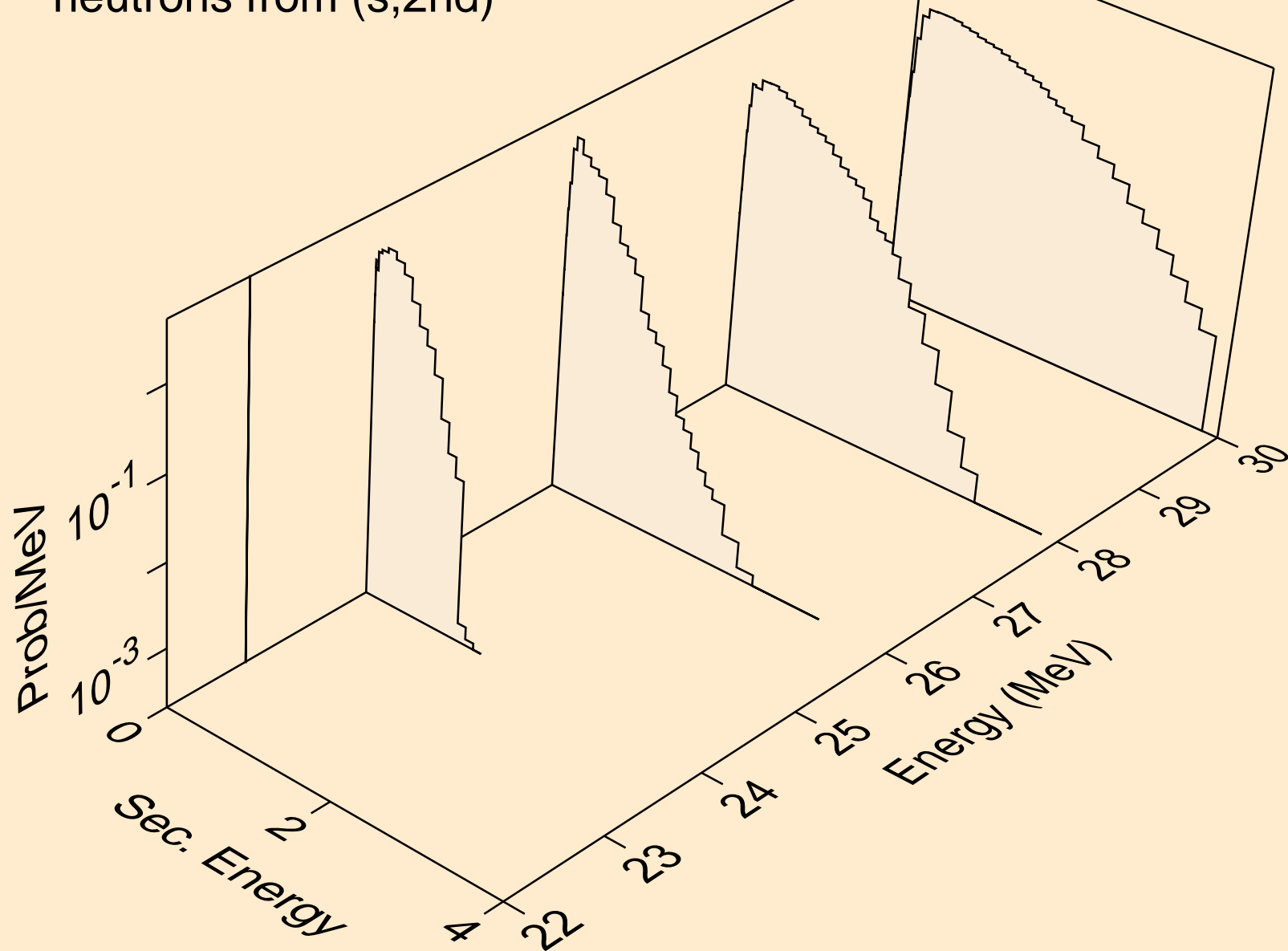




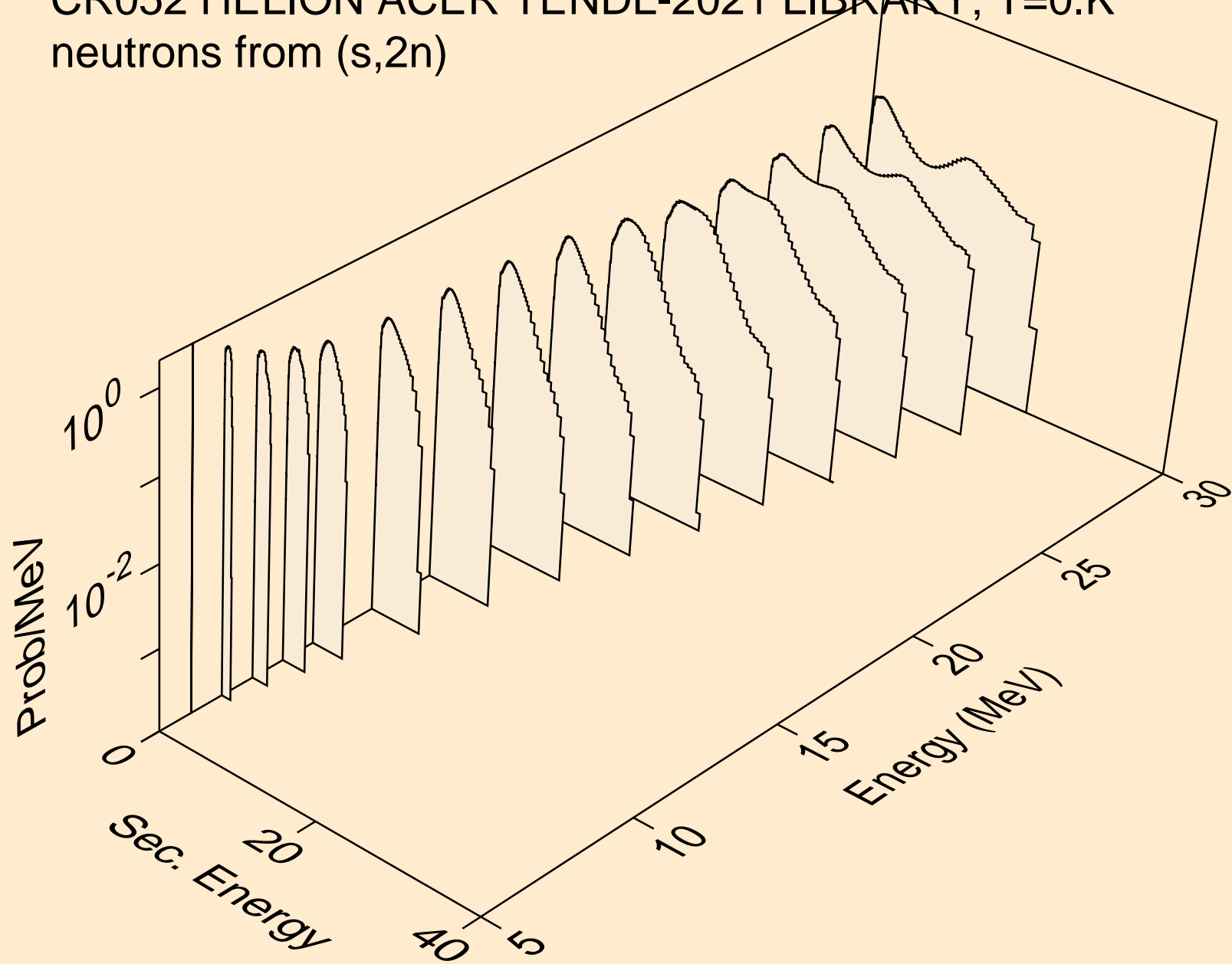
CR052 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,x)



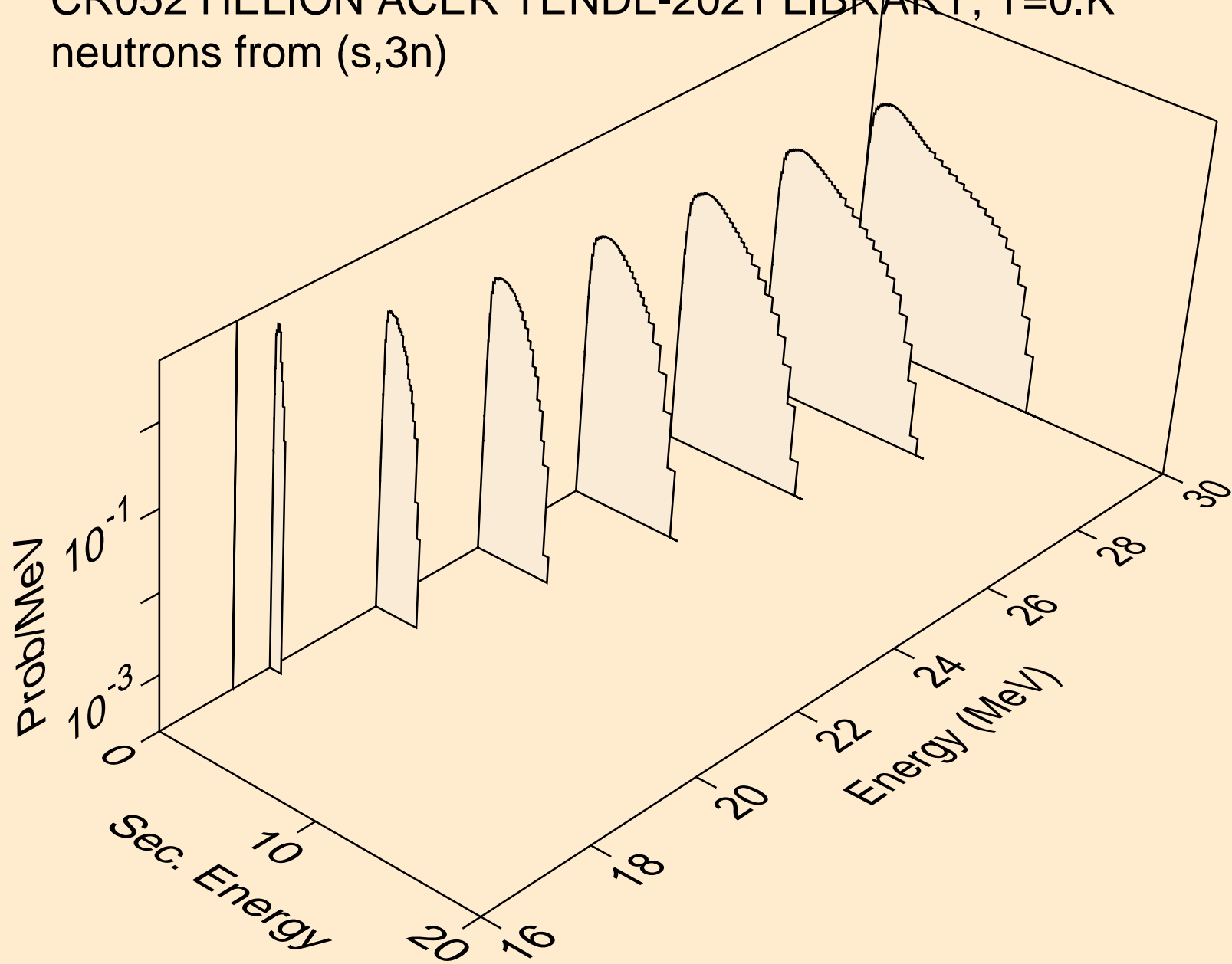
CR052 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2nd)



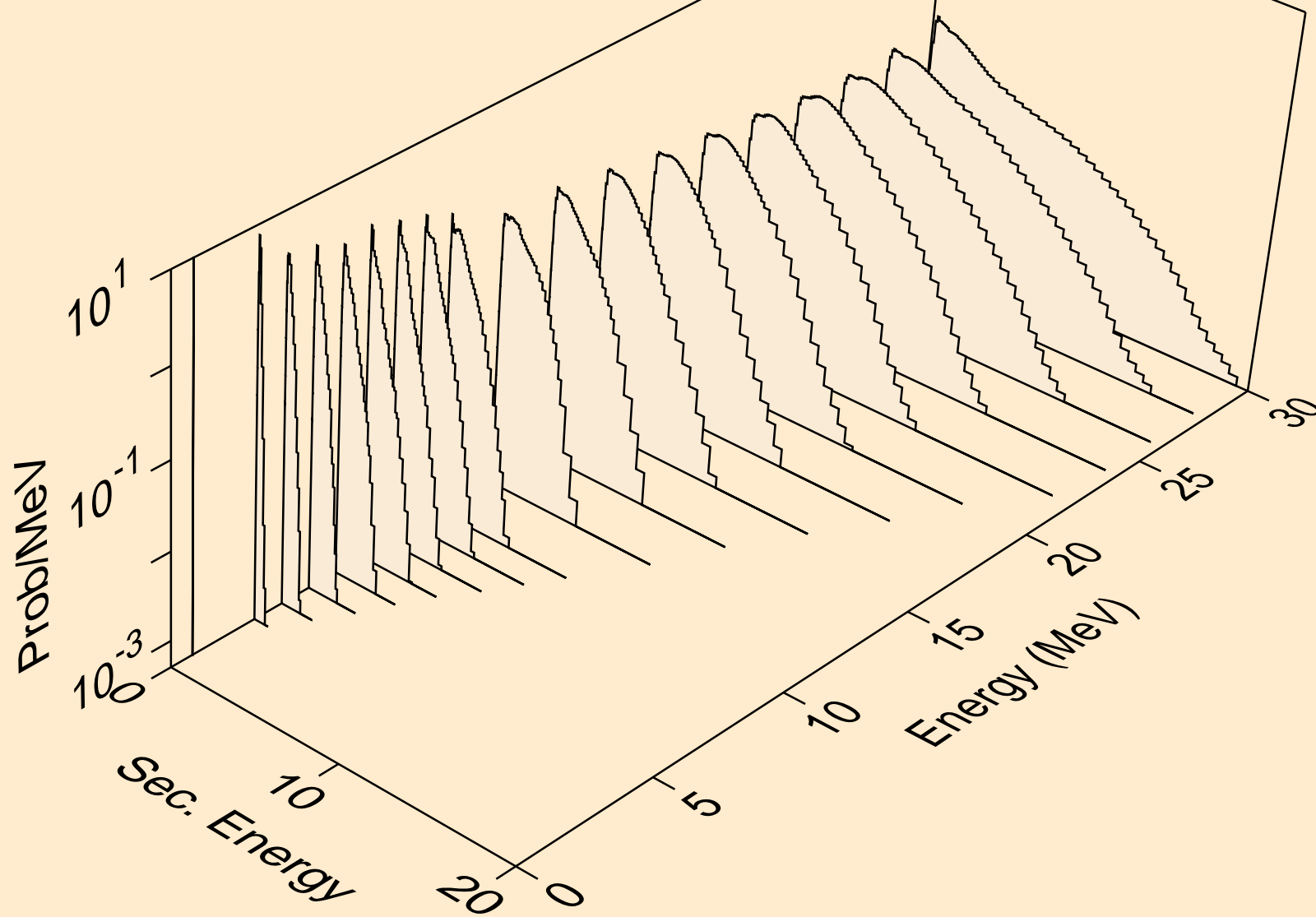
CR052 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)



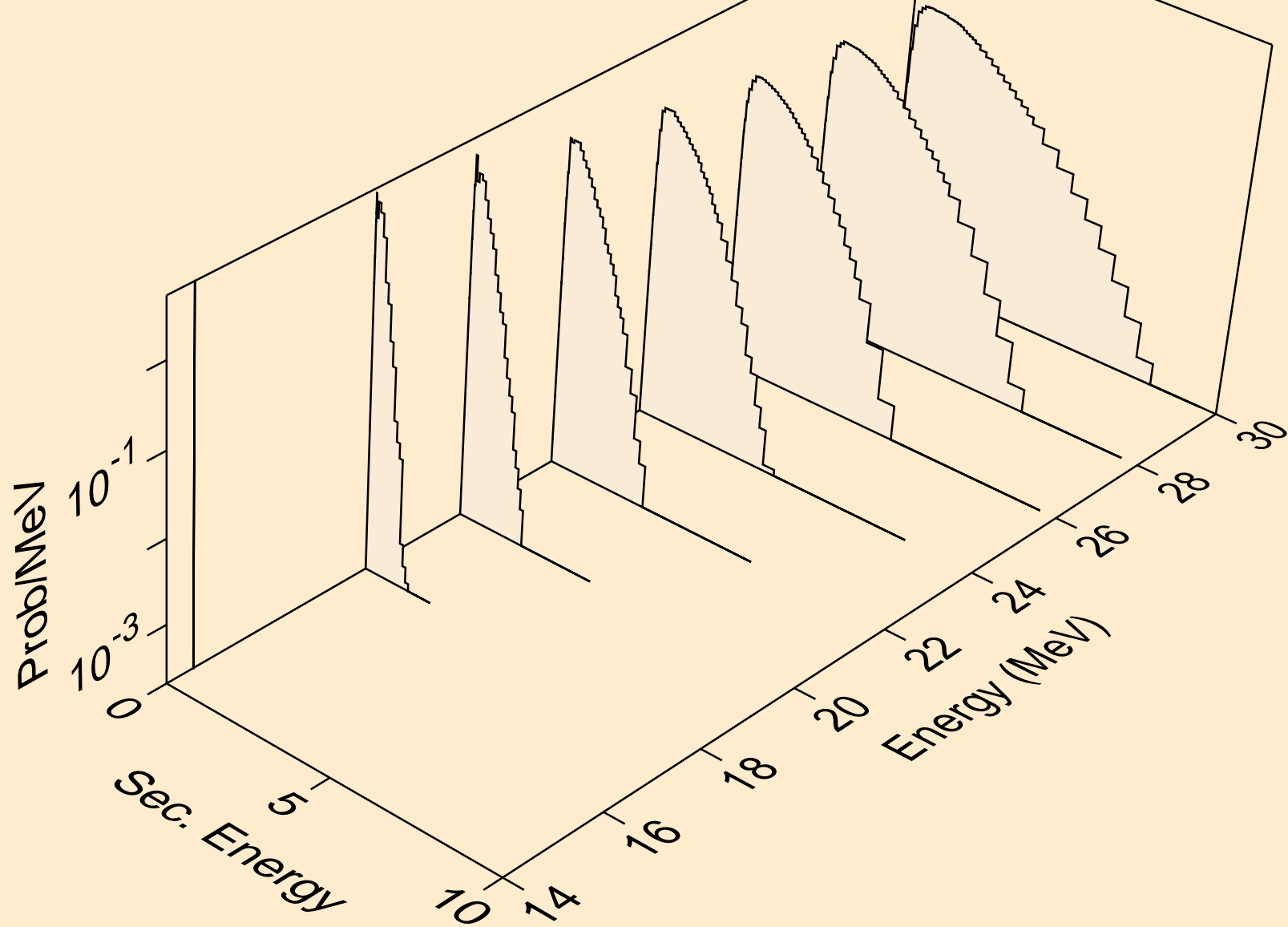
CR052 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3n)



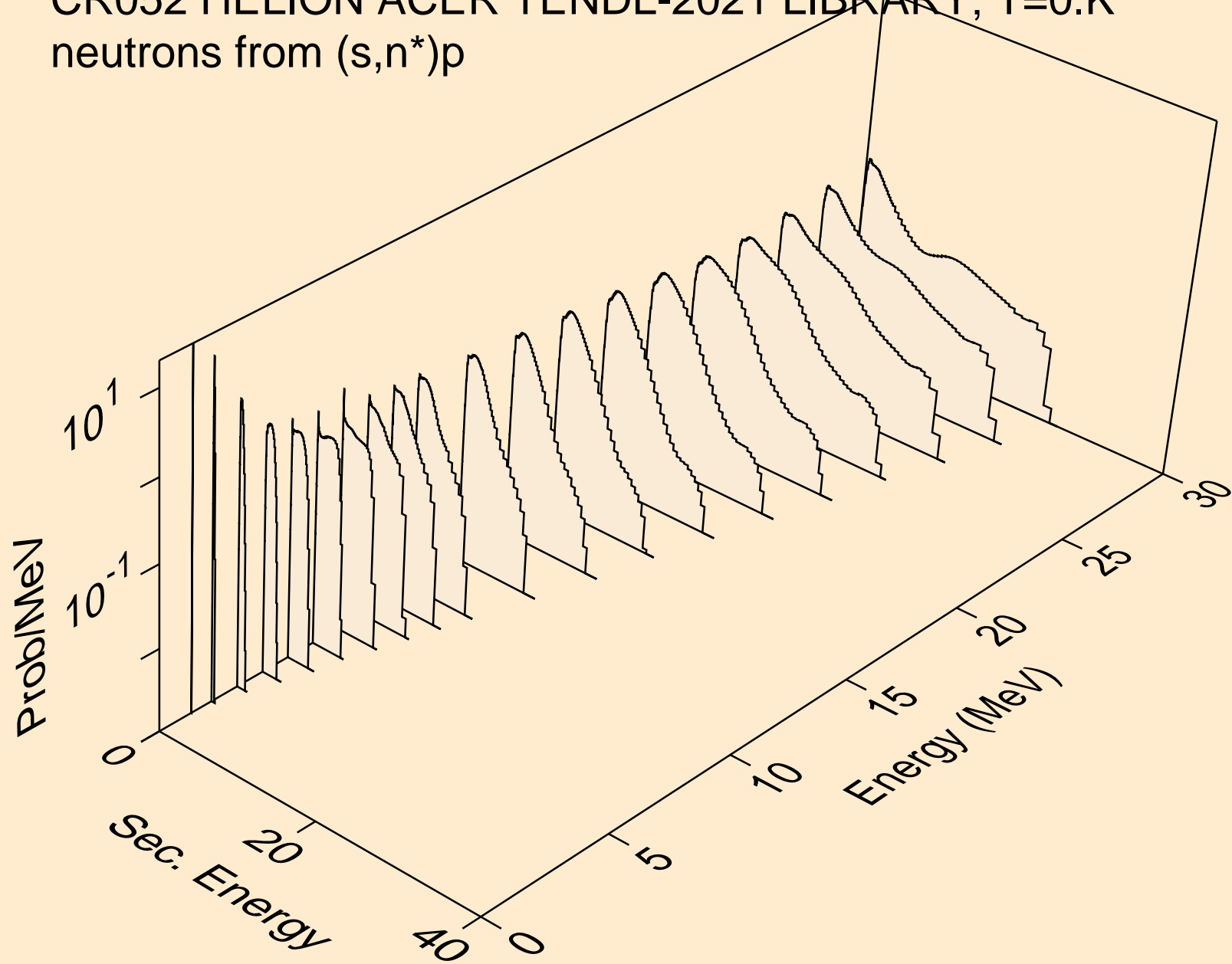
CR052 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)a



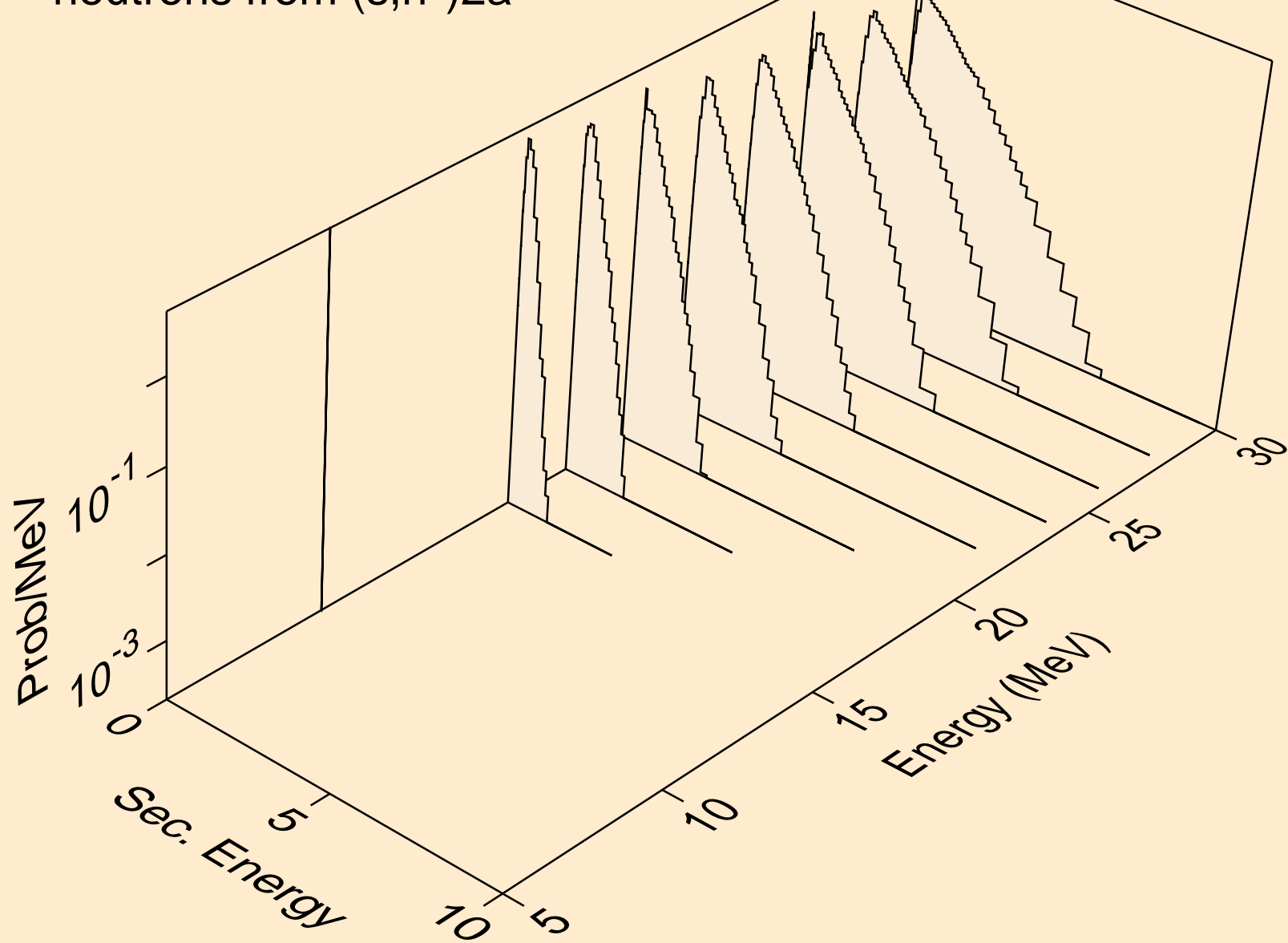
CR052 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)a



CR052 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)p

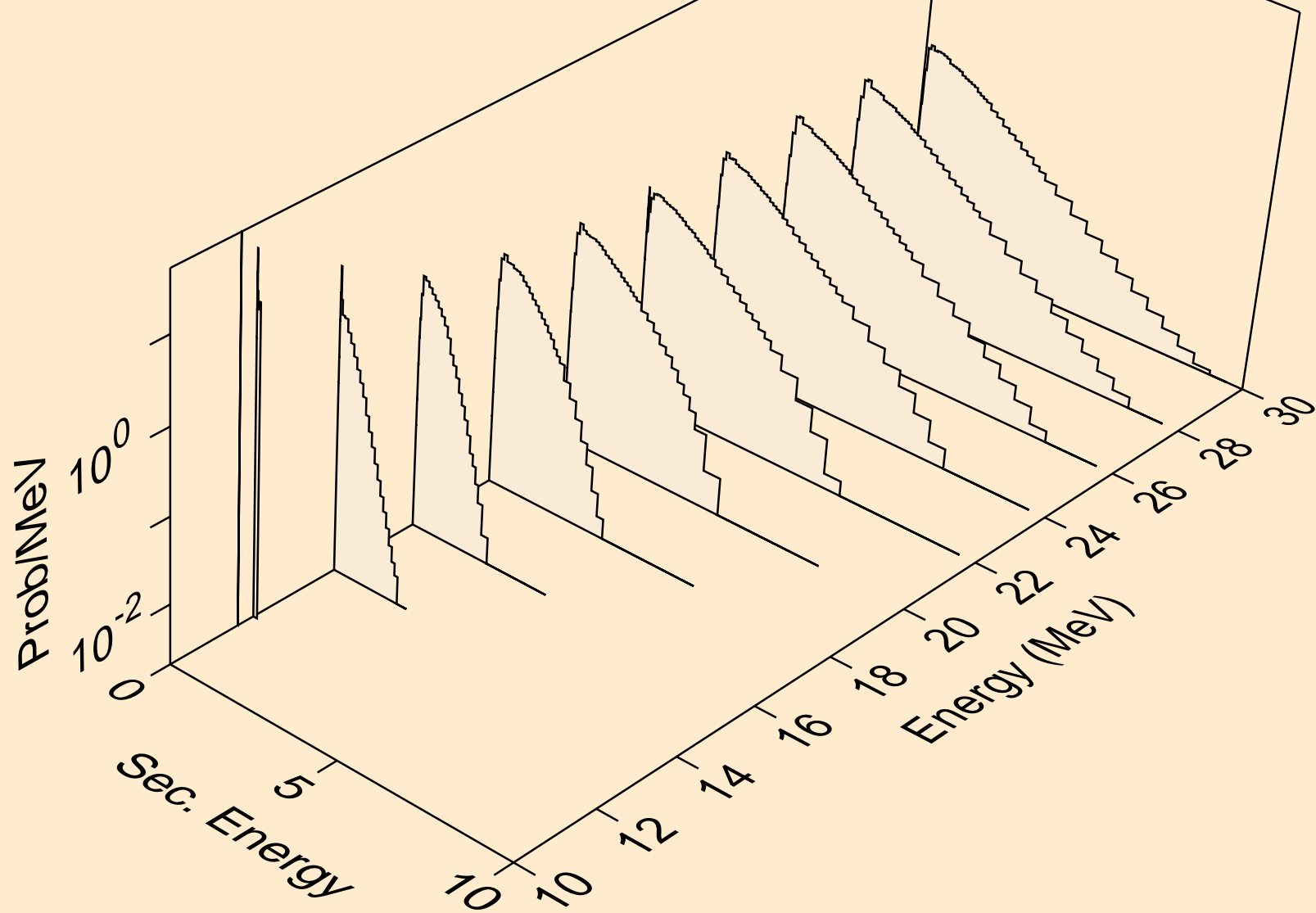


CR052 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)2a

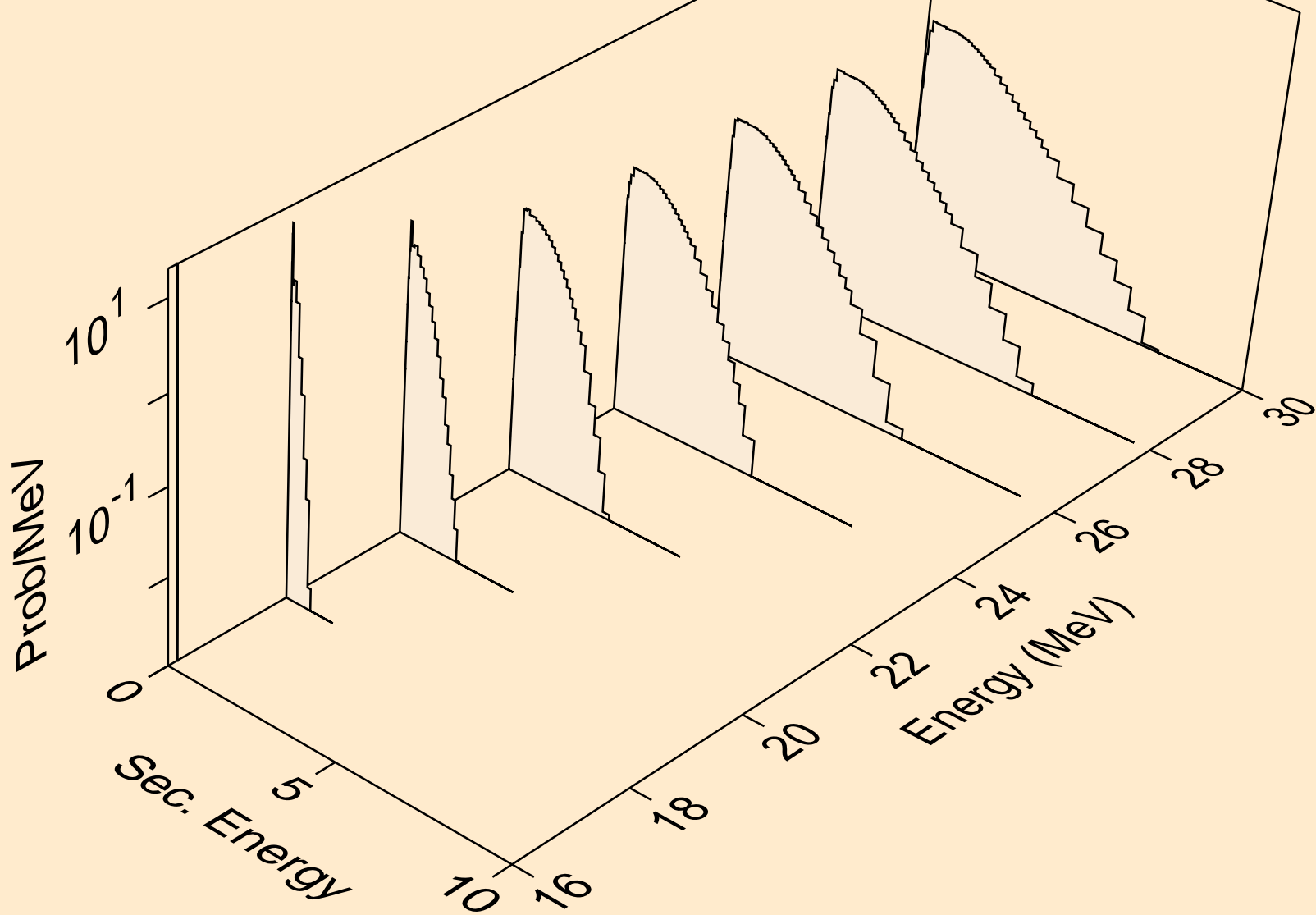




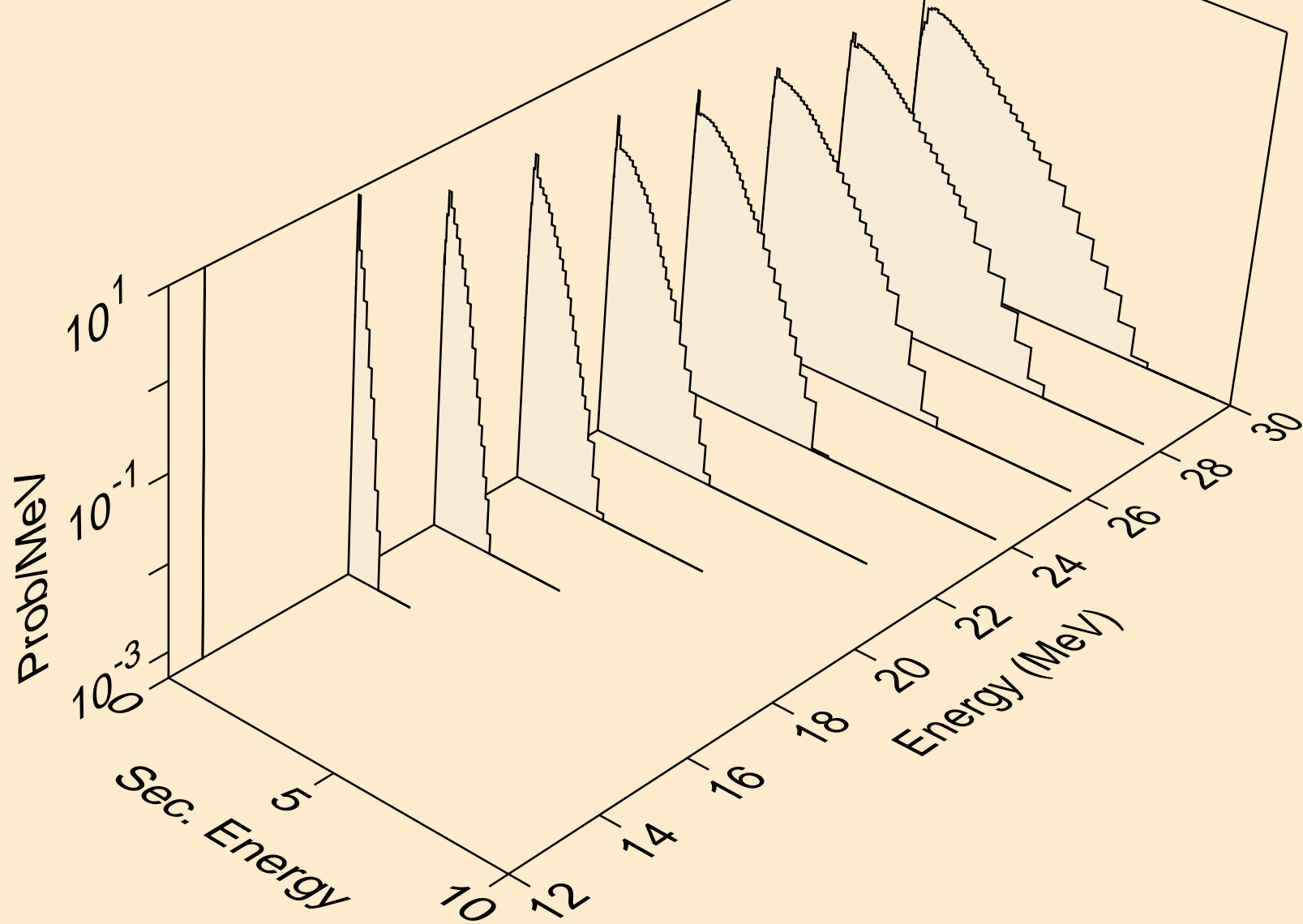
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neutrons from (s,n\*)d



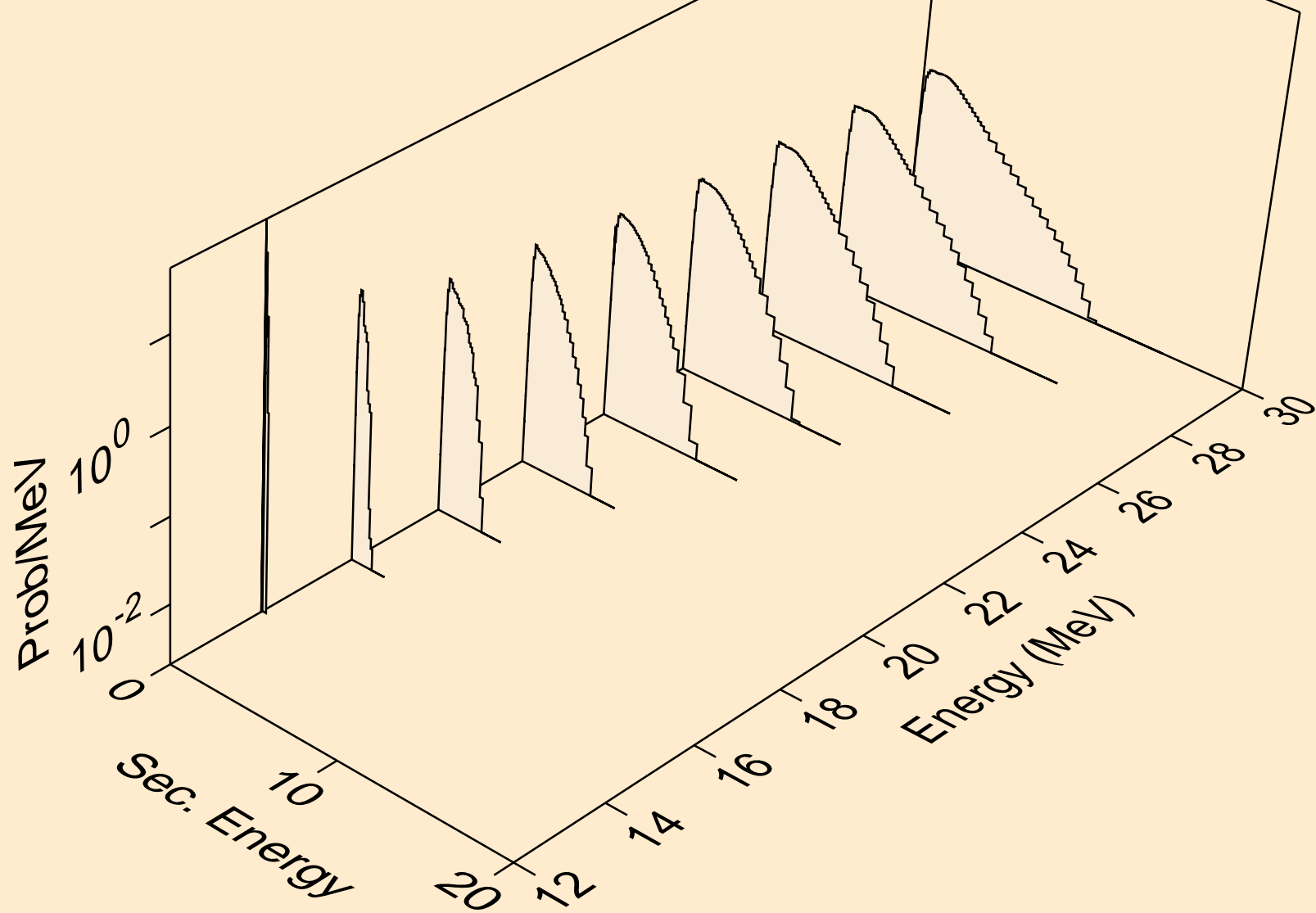
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neutrons from (s,n\*)t



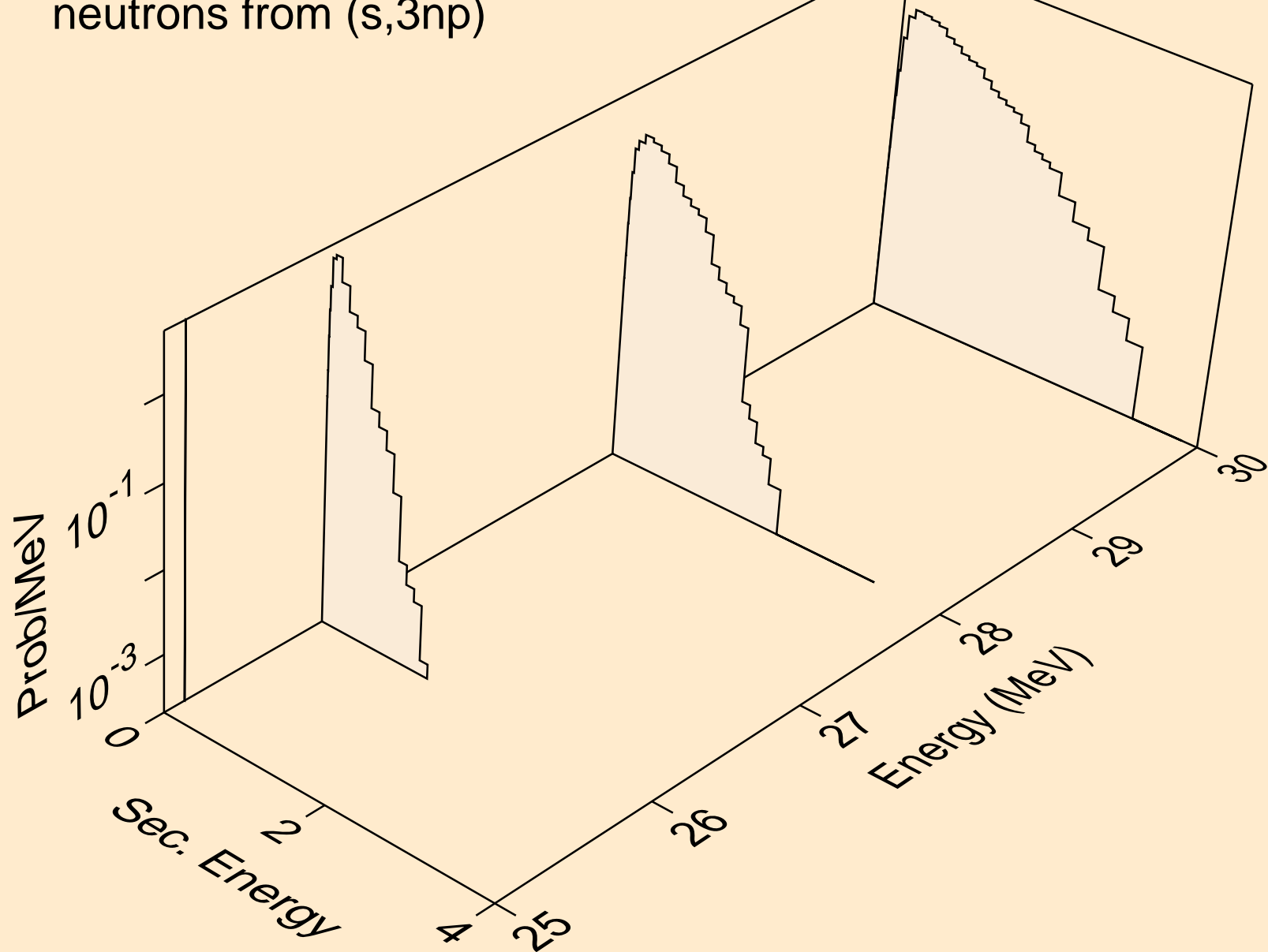
CR052 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



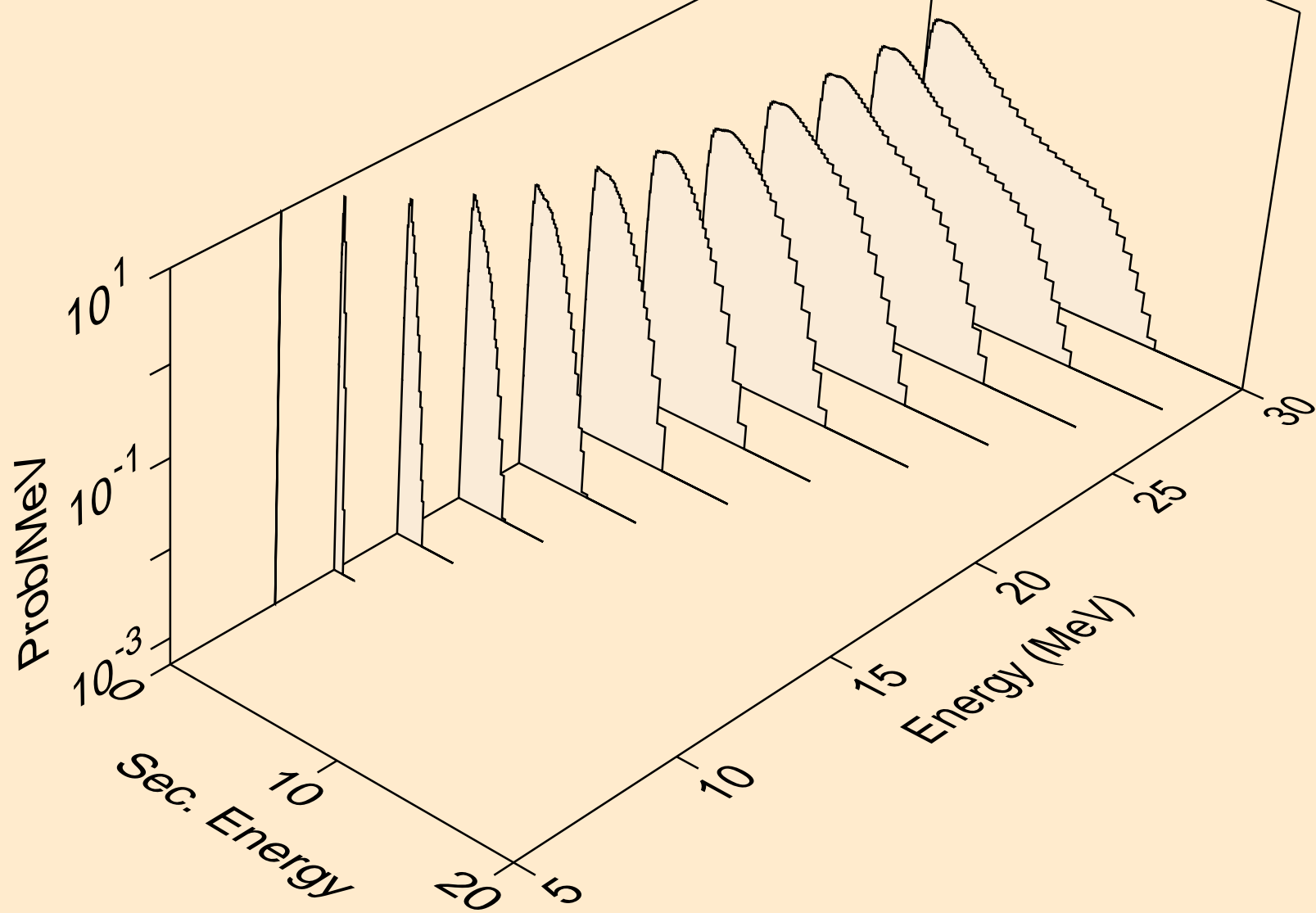
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neutrons from (s,2np)



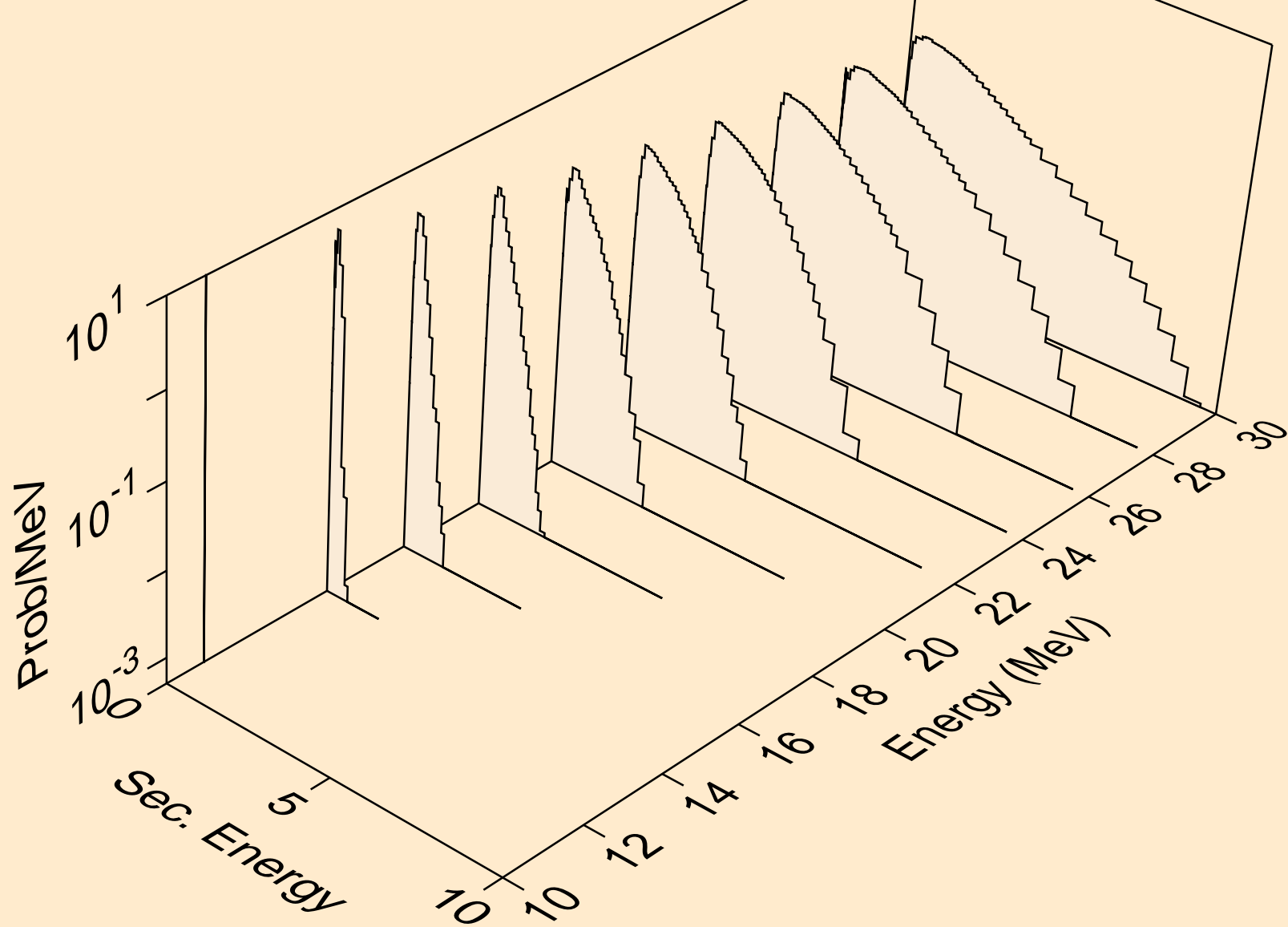
CR052 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3np)



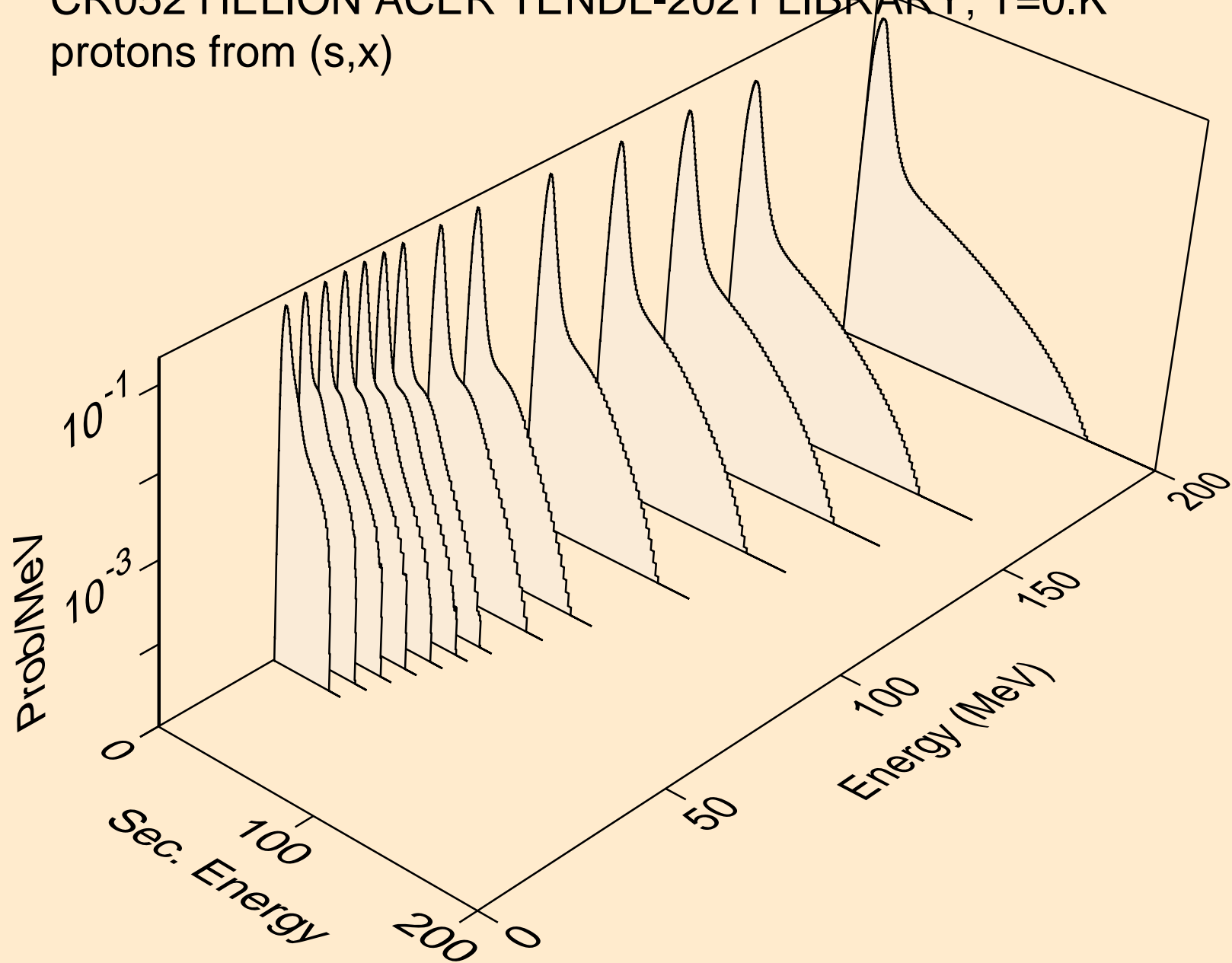
CR052 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2np)



CR052 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,npa)

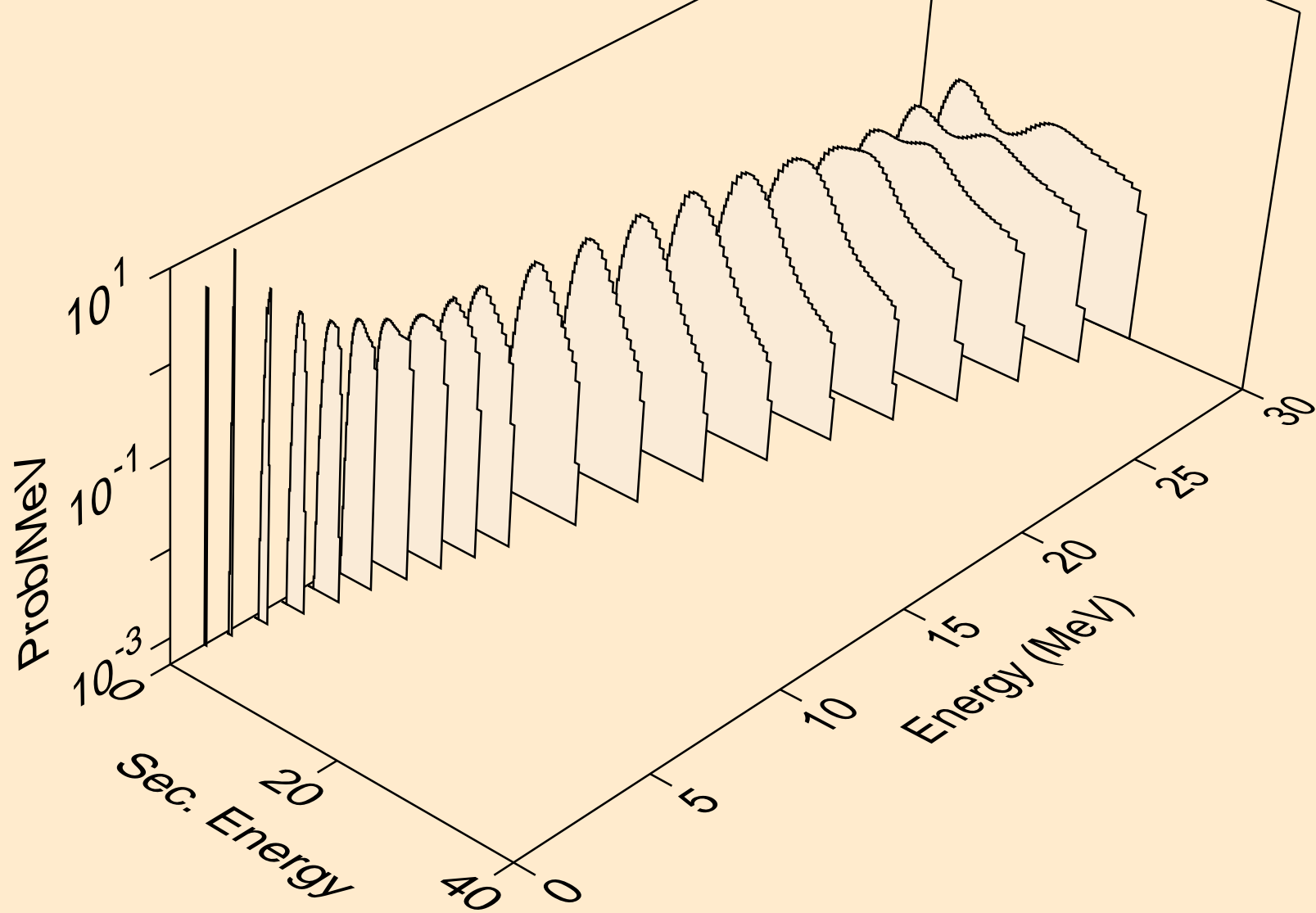


CR052 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,x)

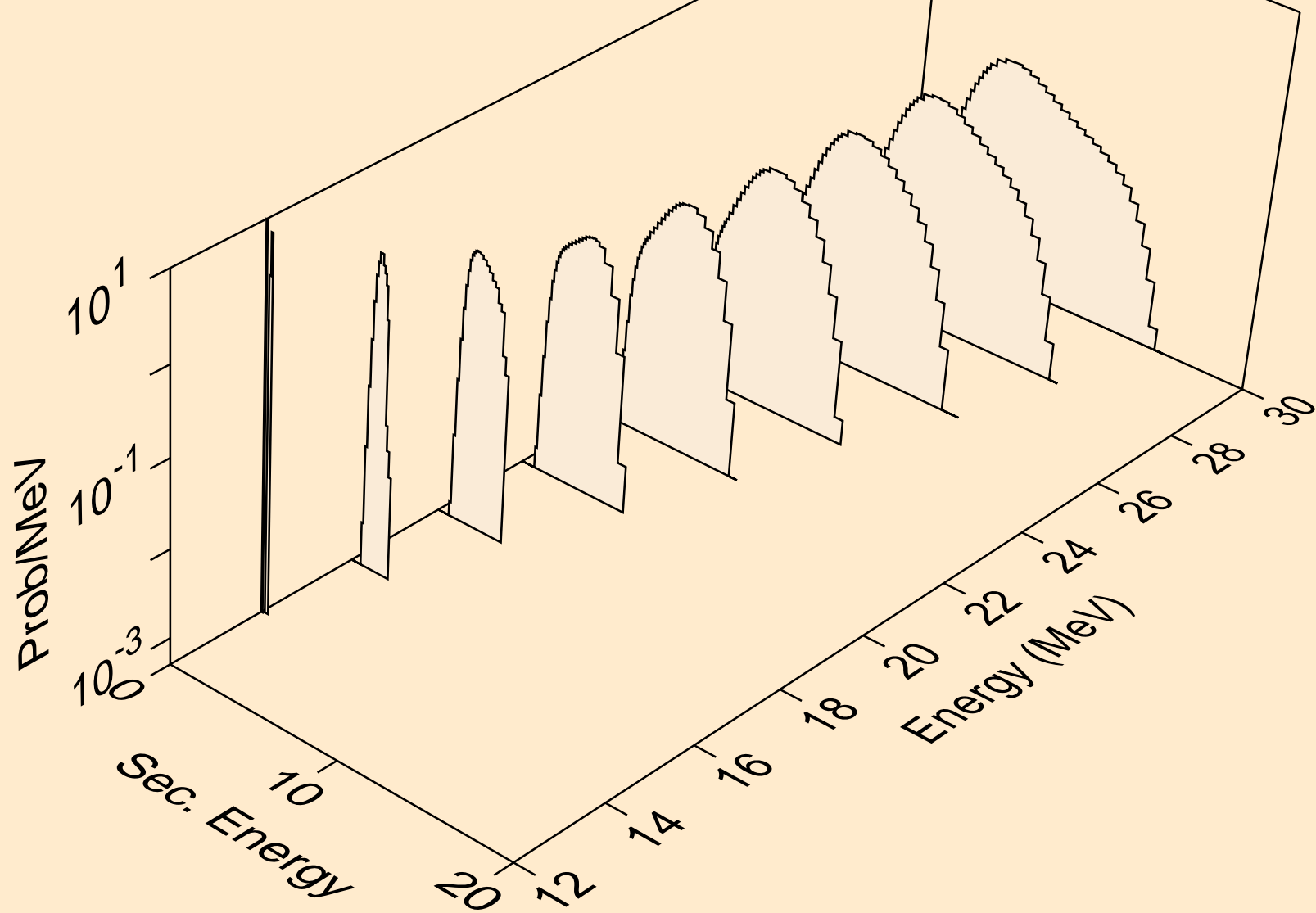




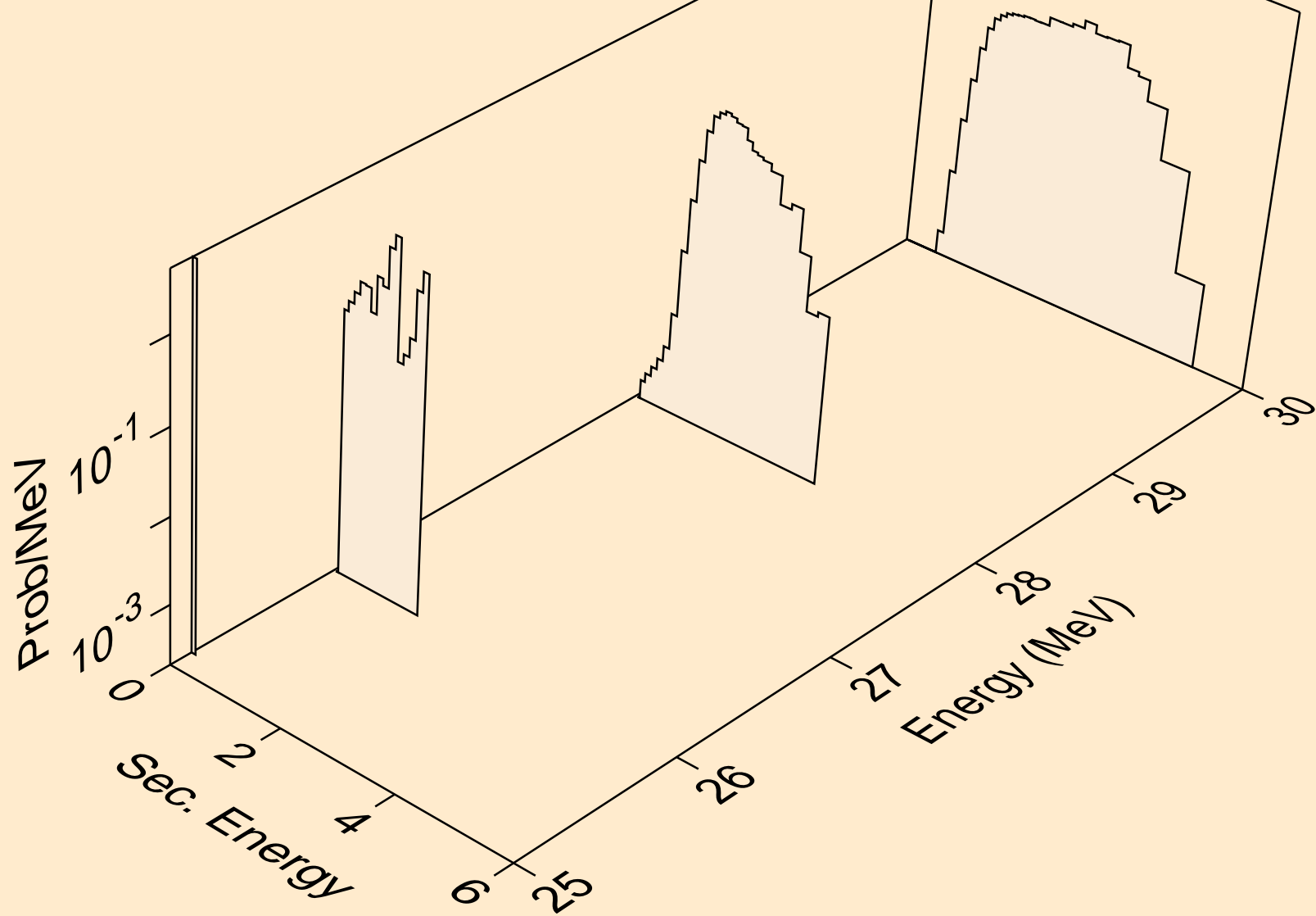
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protons from (s,n\*)p



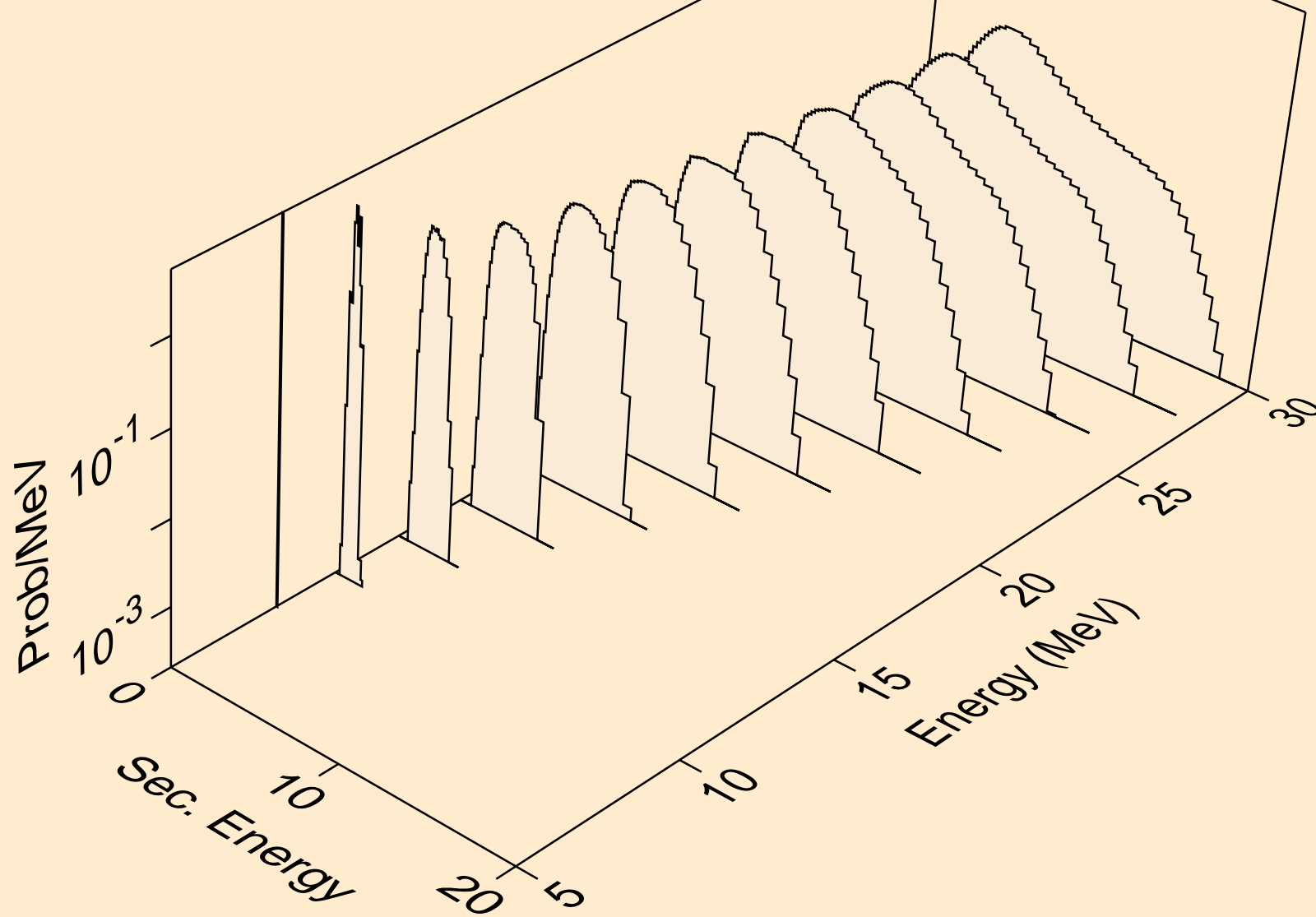
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protons from (s,2np)



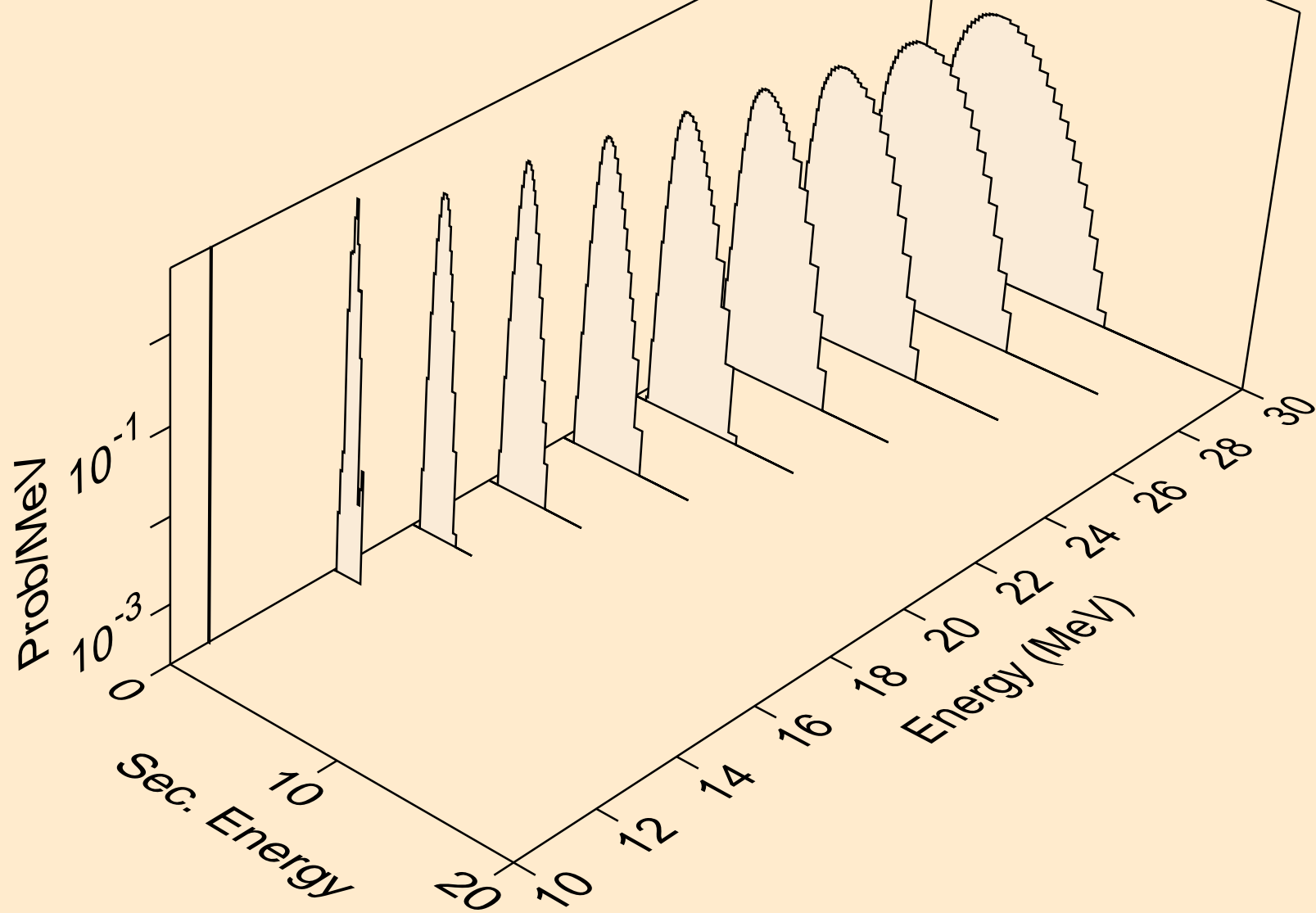
CR052 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,3np)



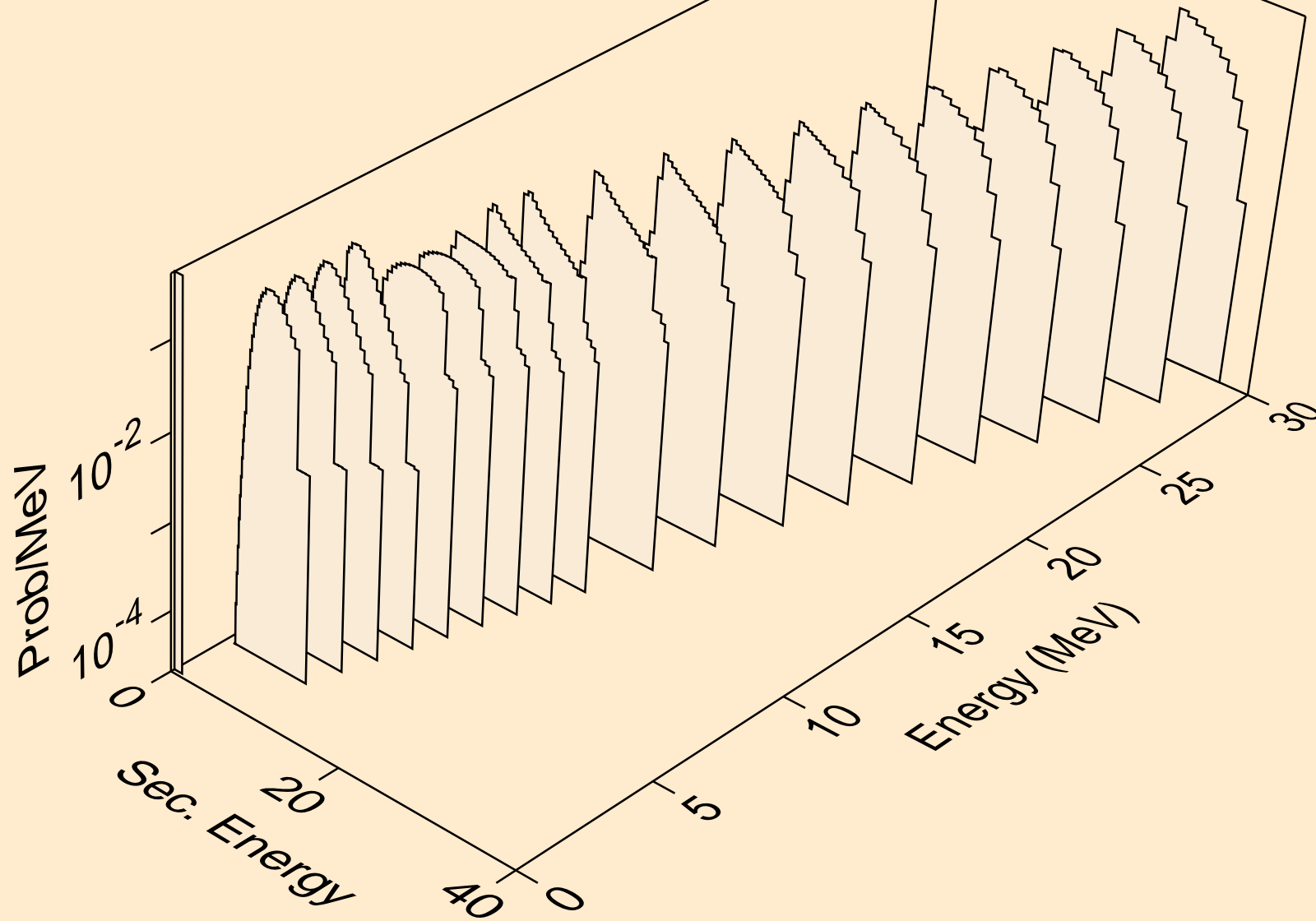
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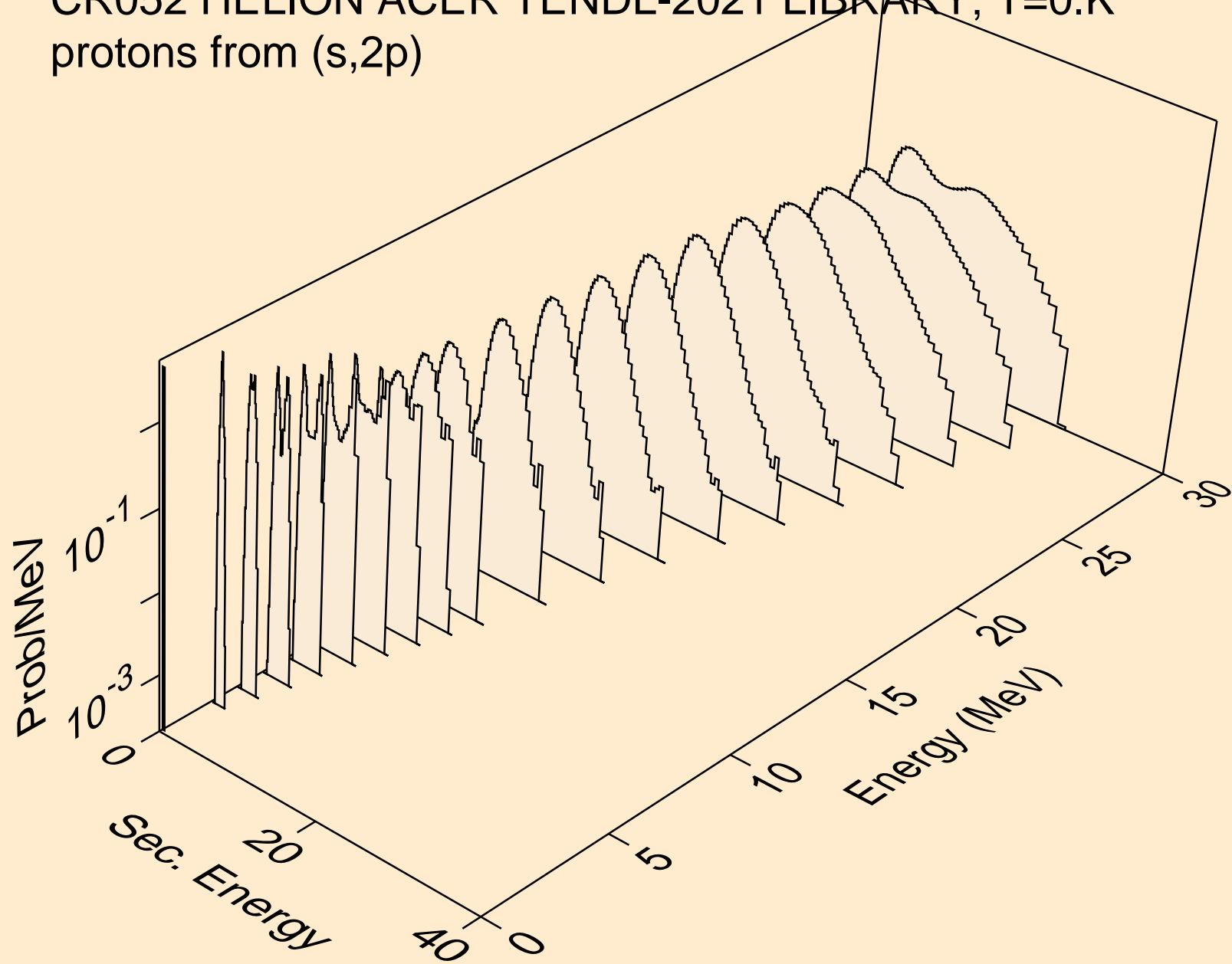
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protons from (s,npa)



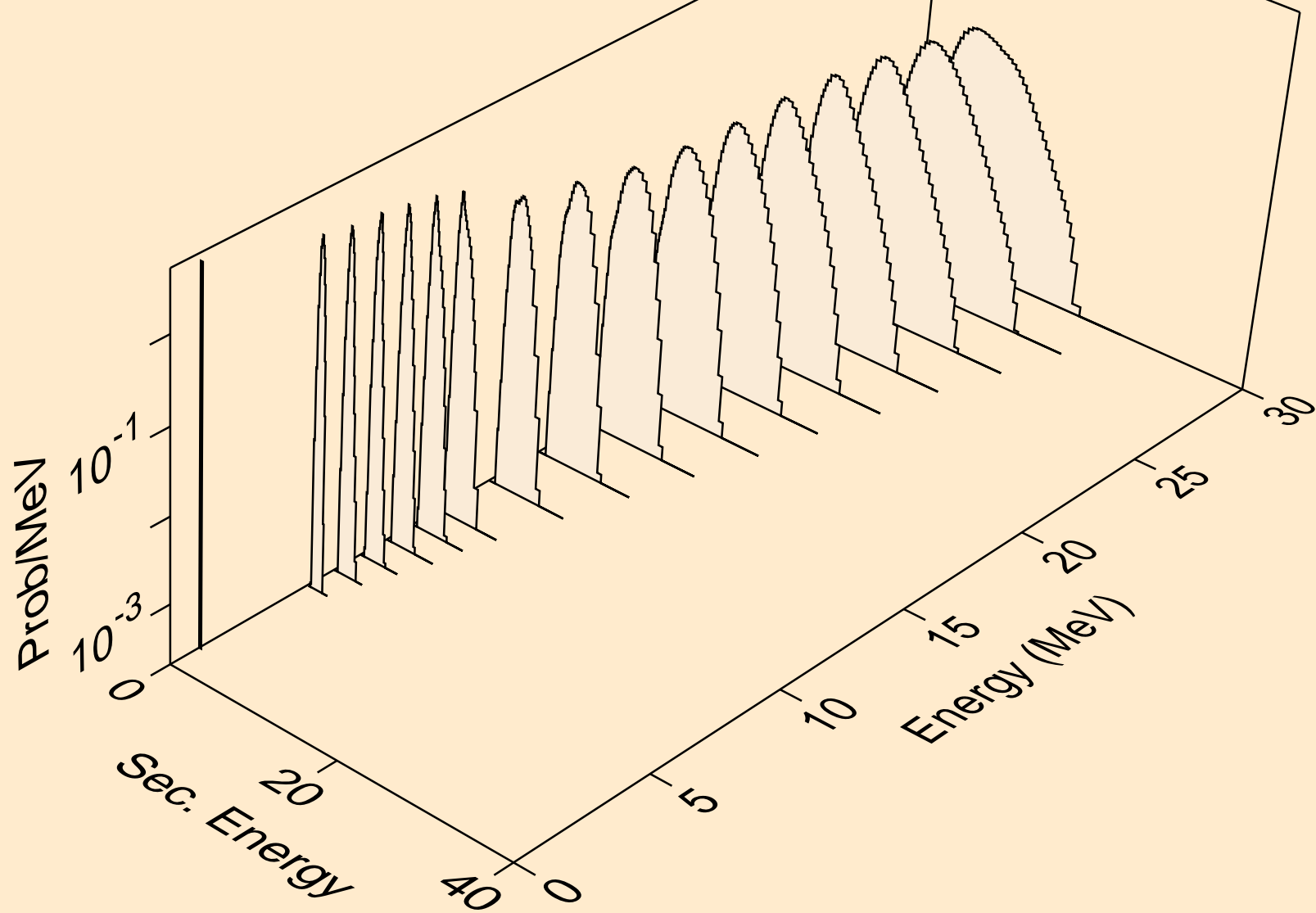
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protons from (s,p)



CR052 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2p)

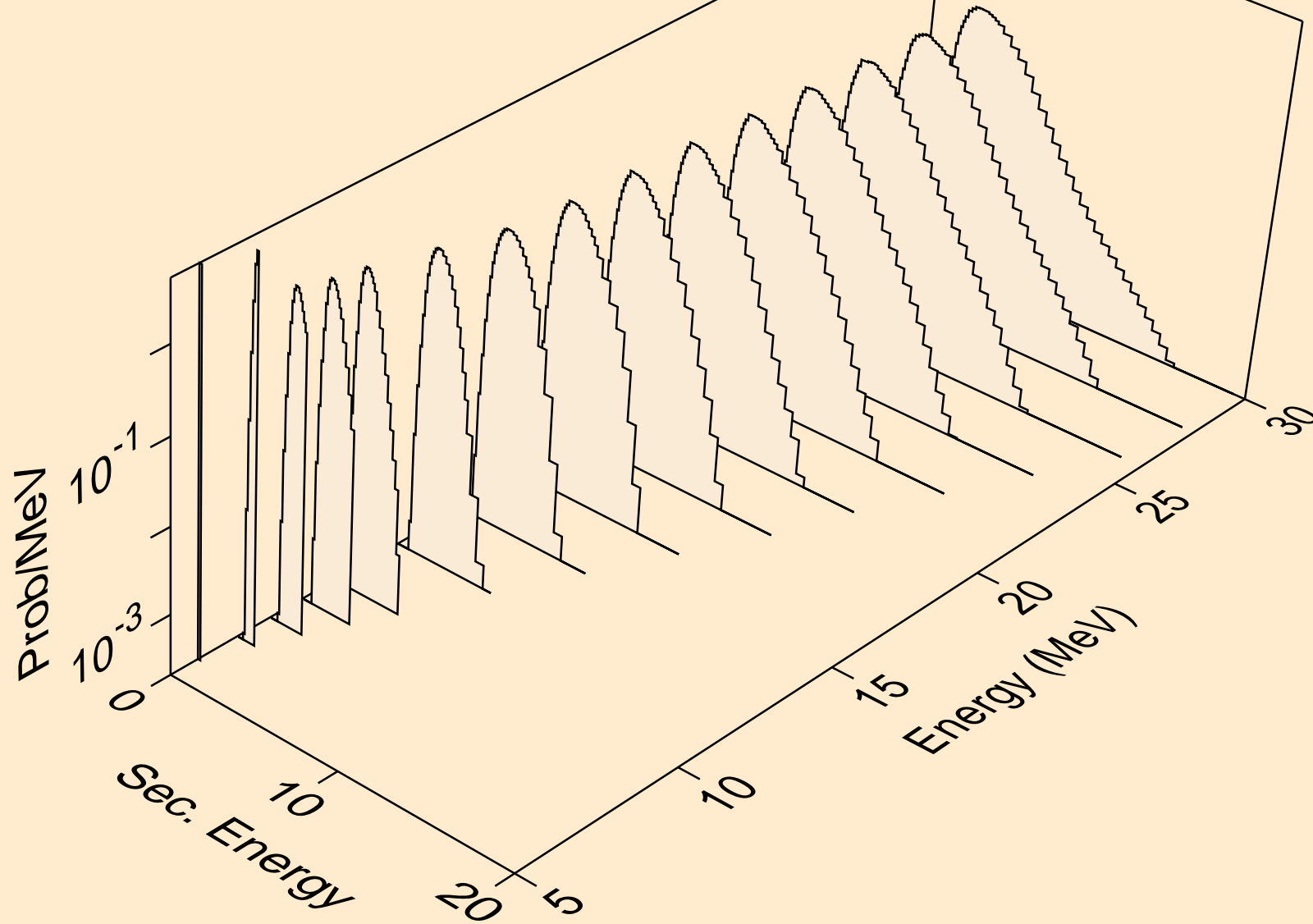


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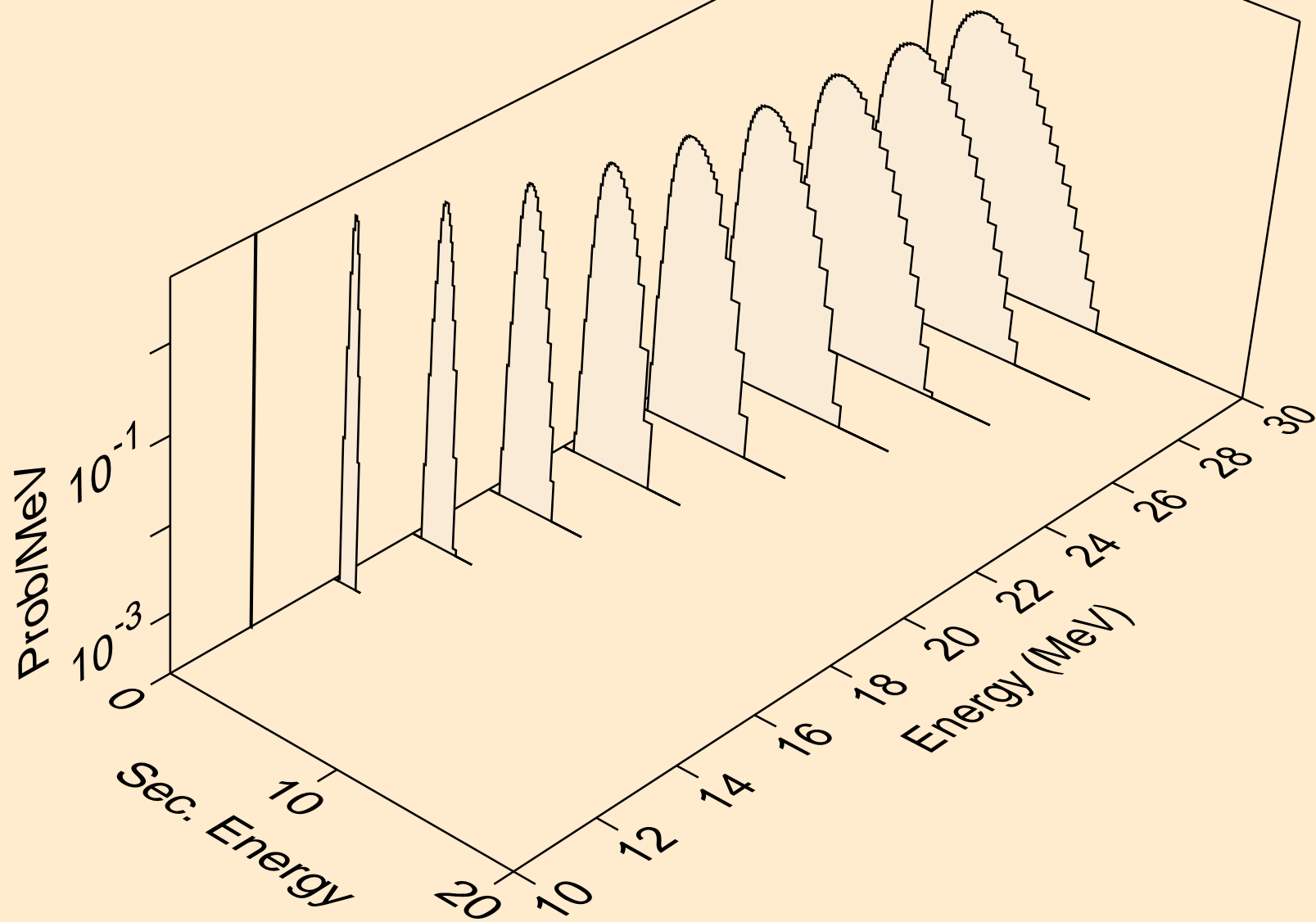




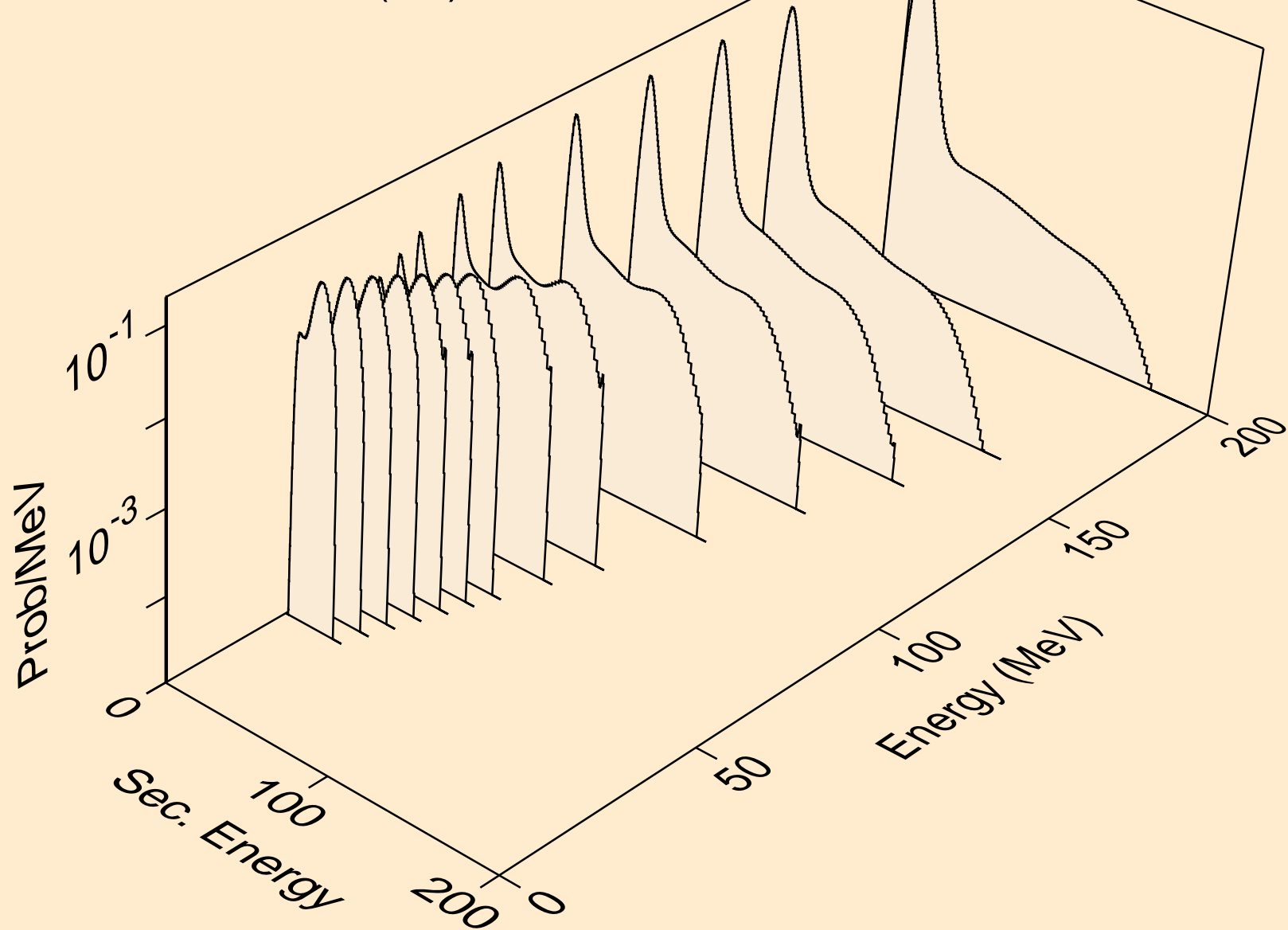
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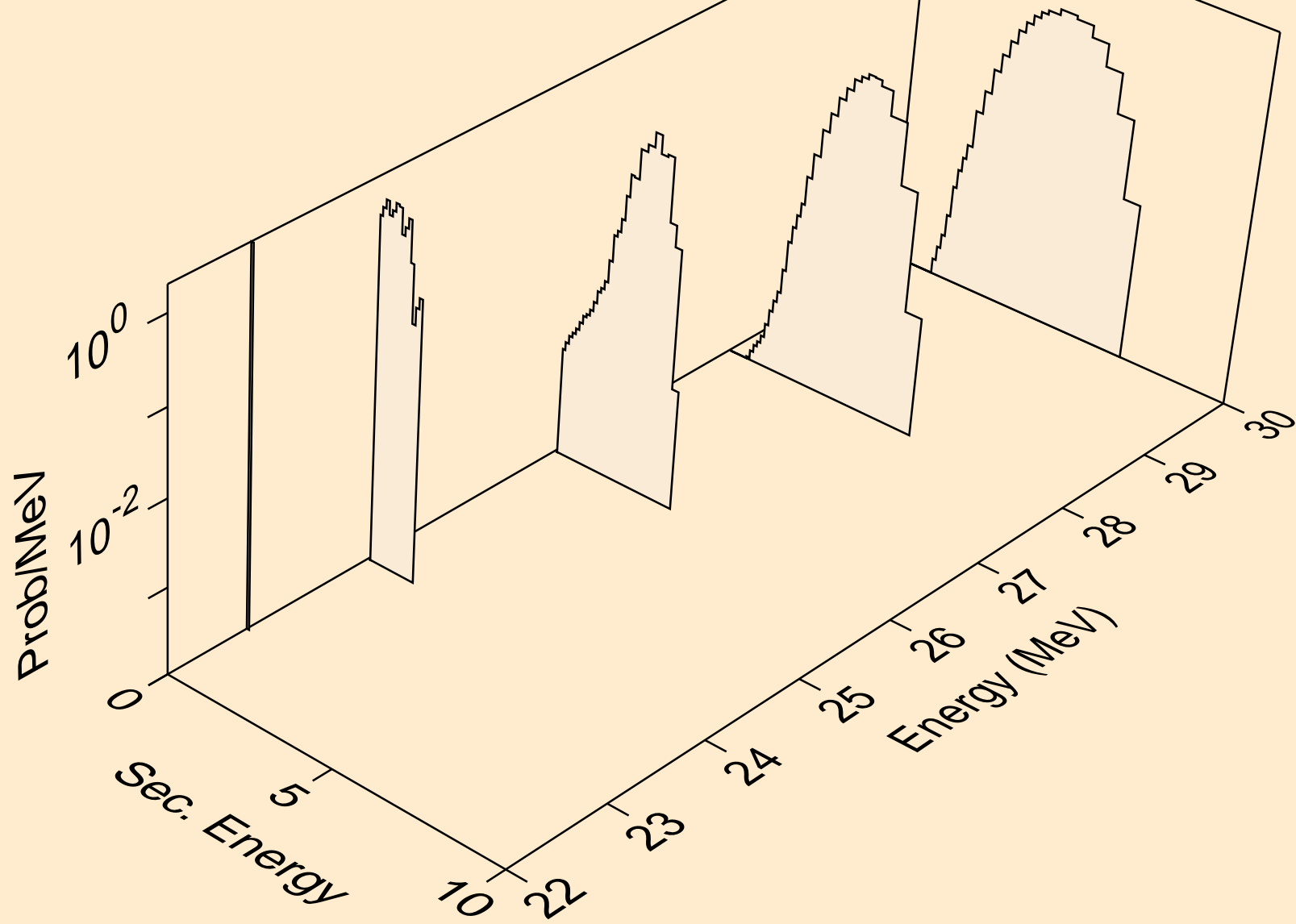
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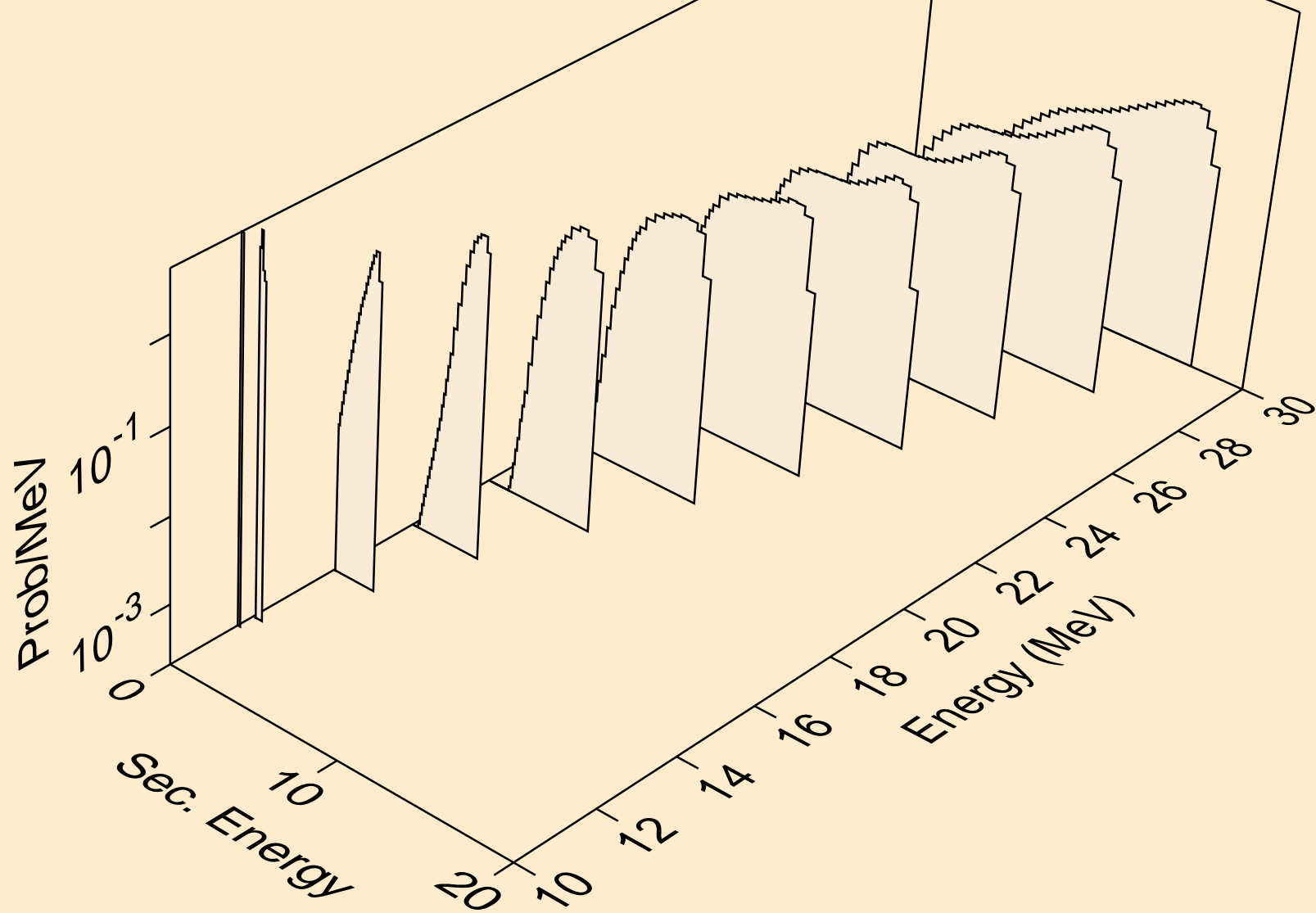
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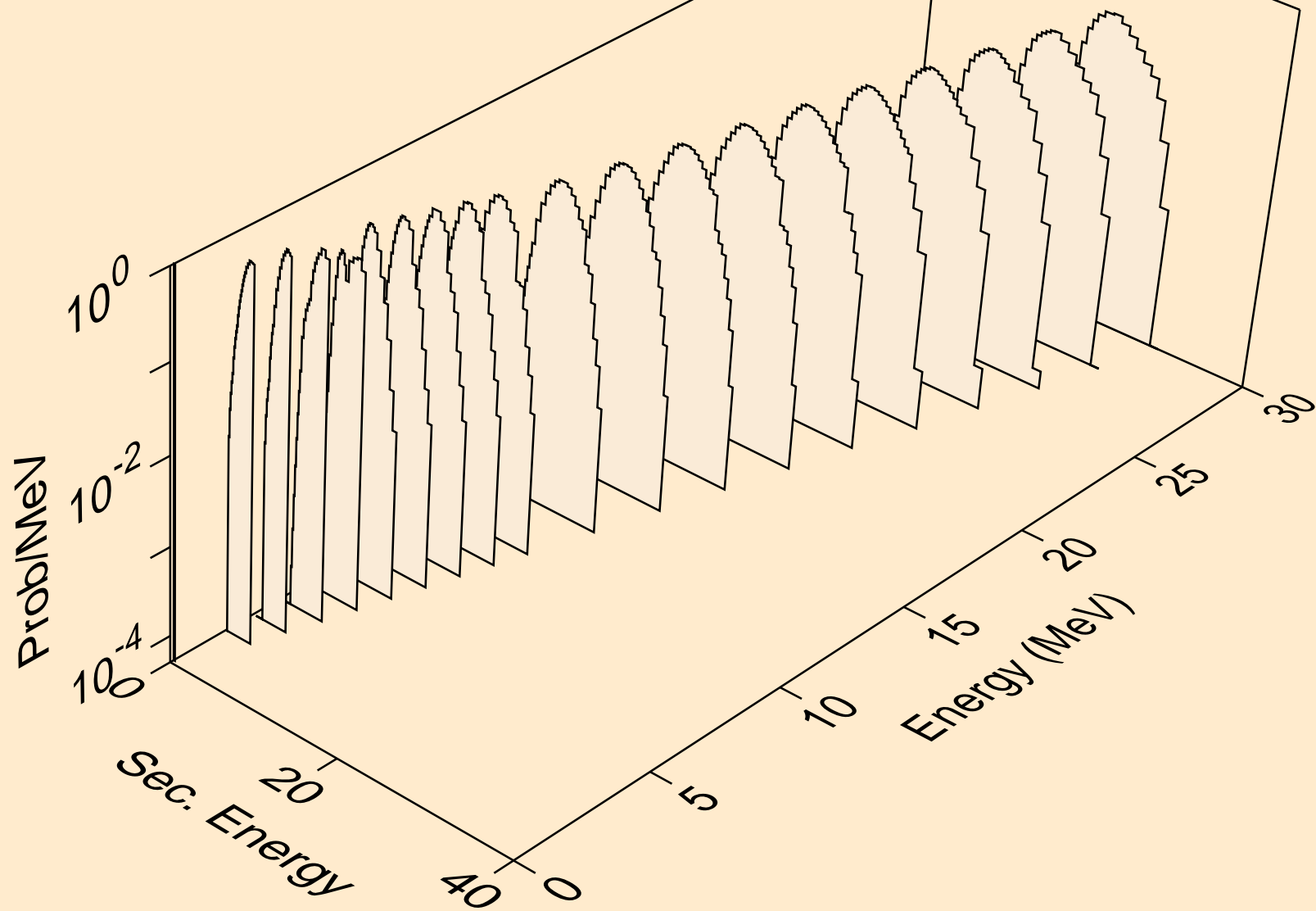
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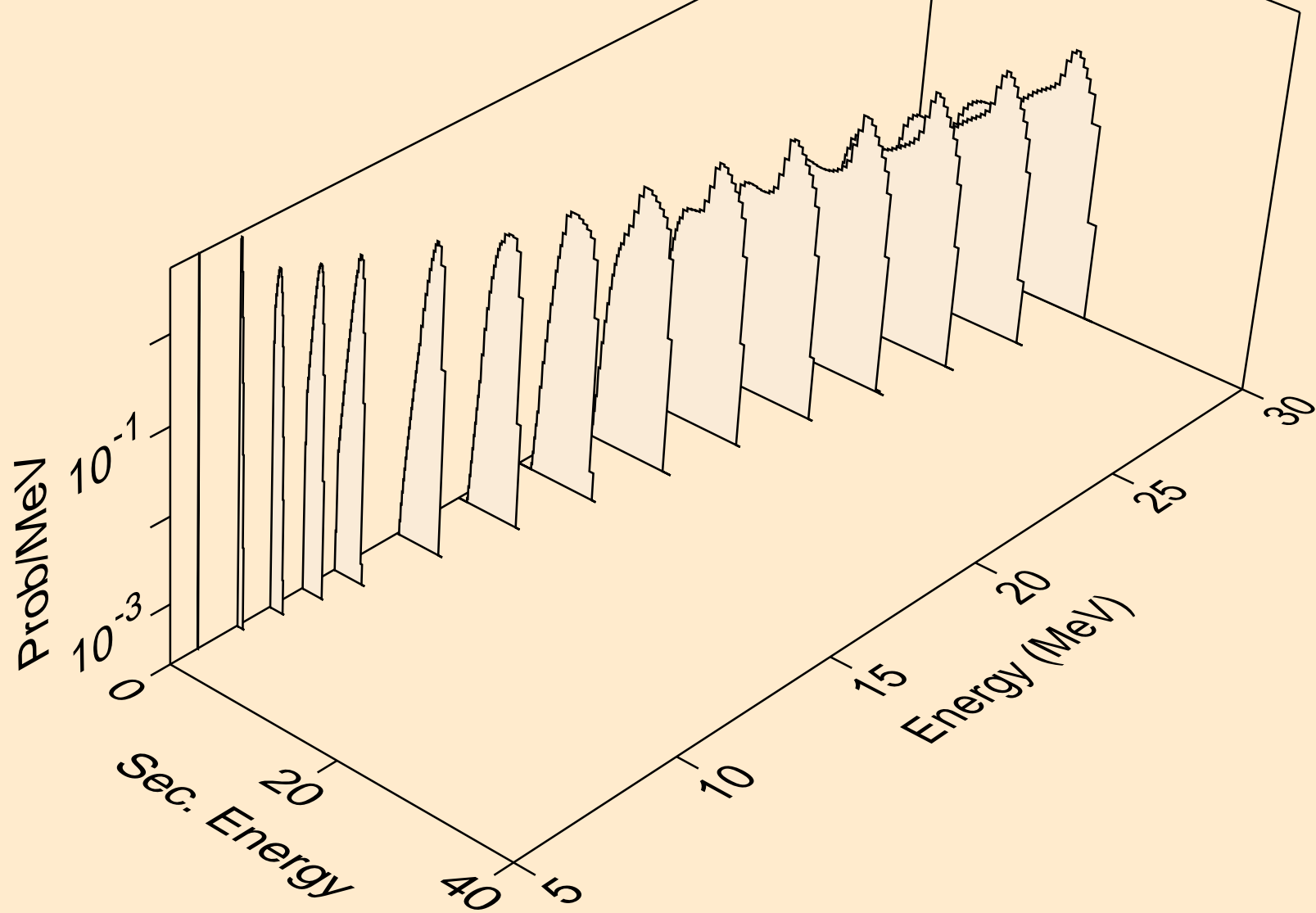
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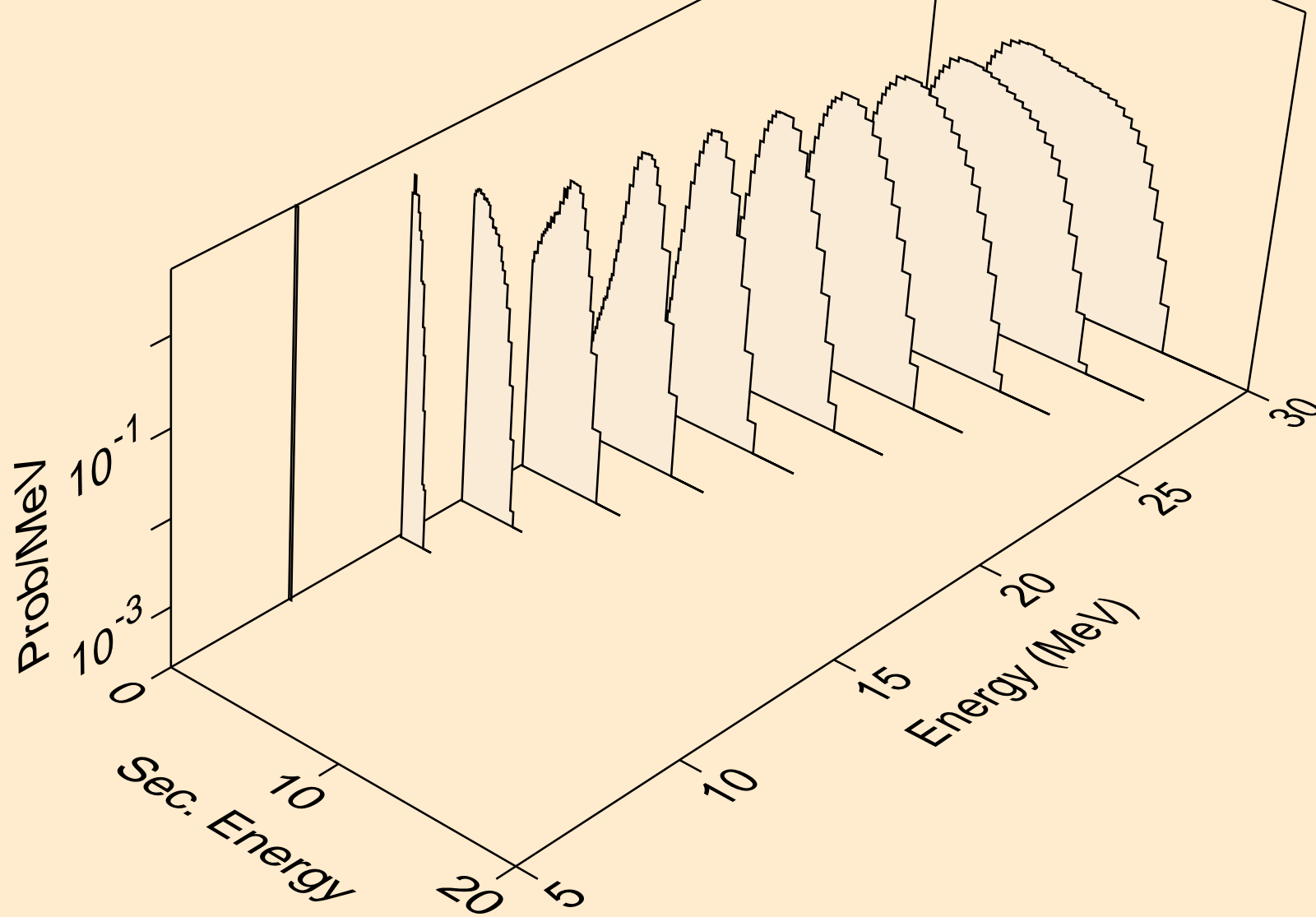
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CR052 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,pd)

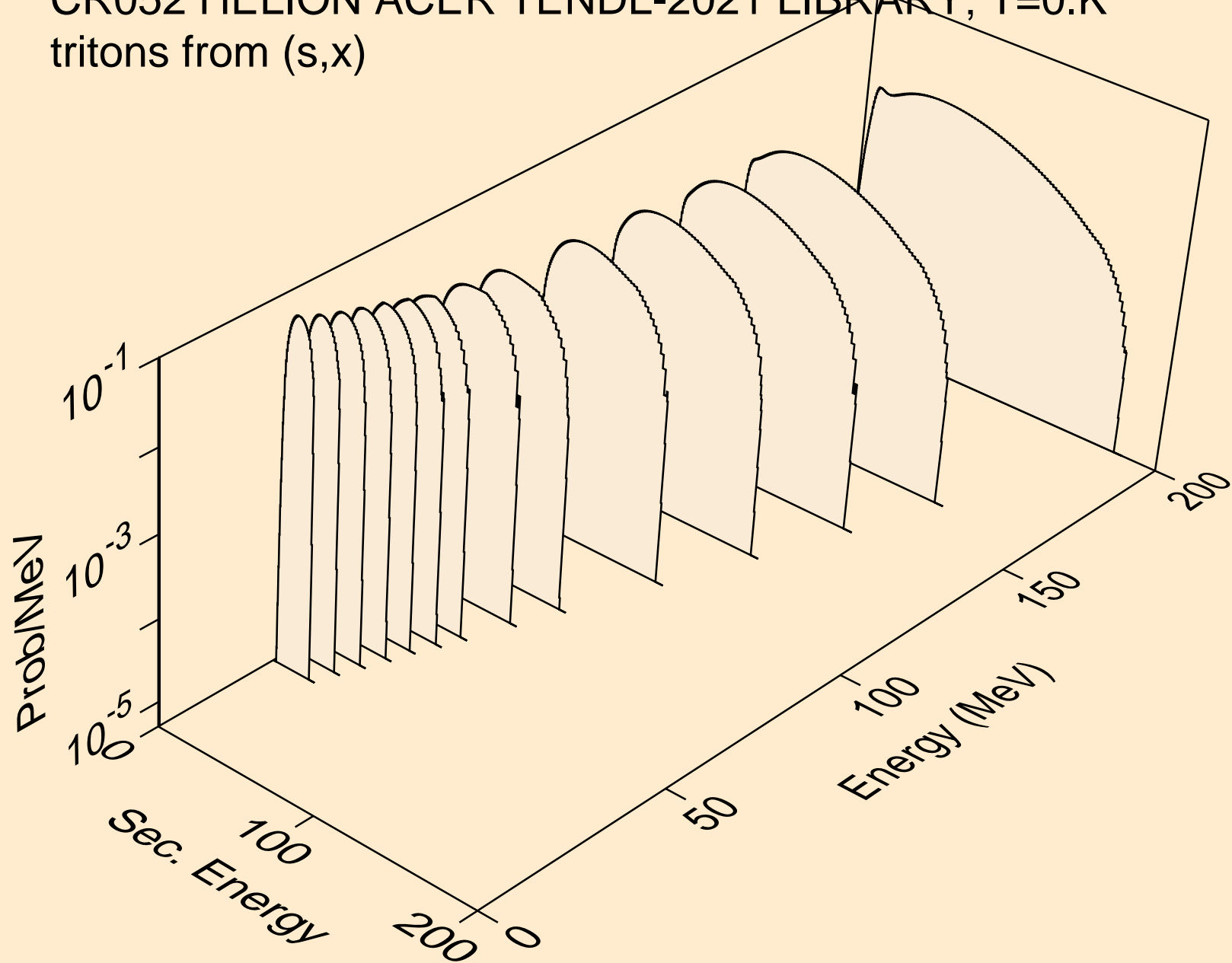


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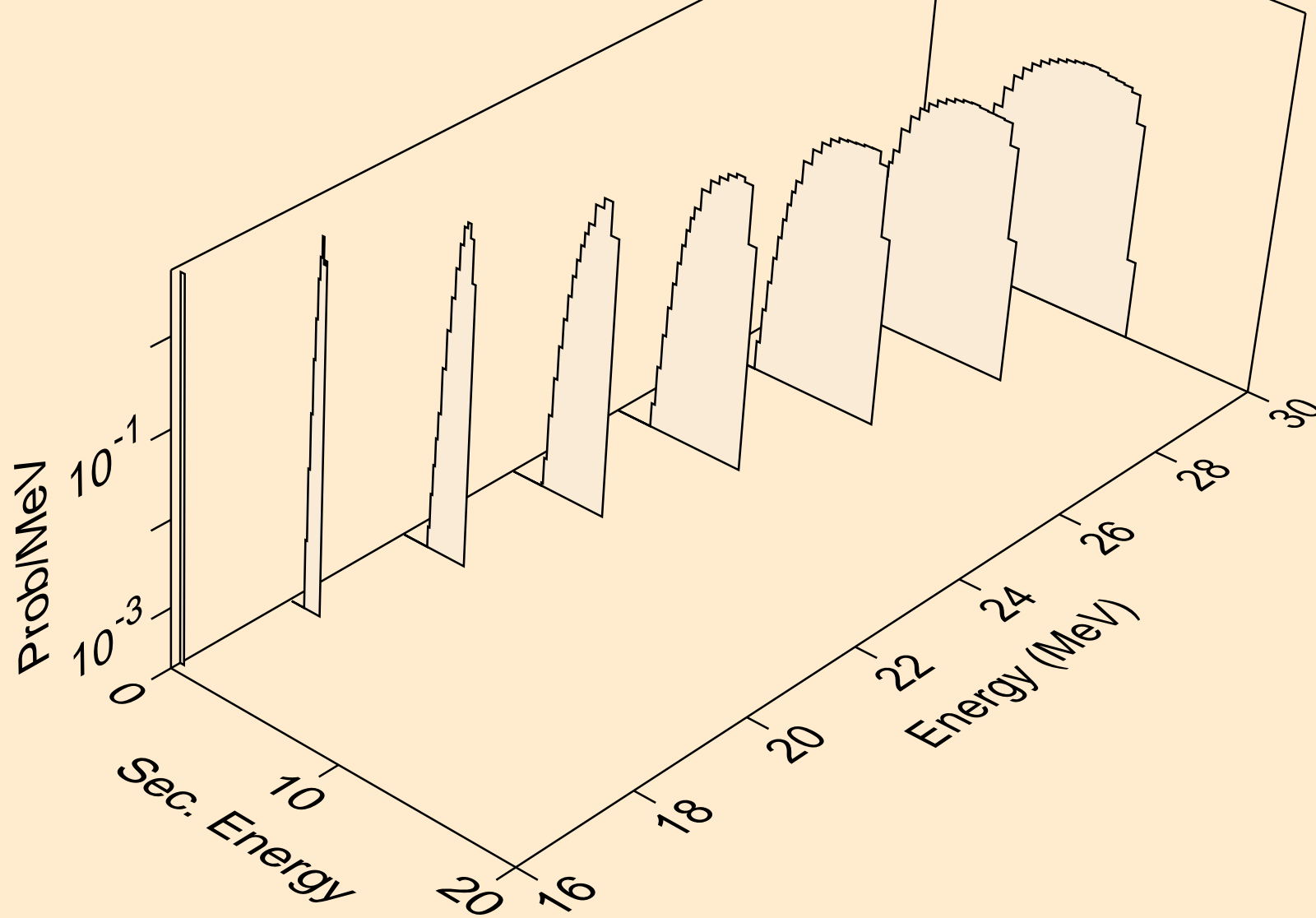




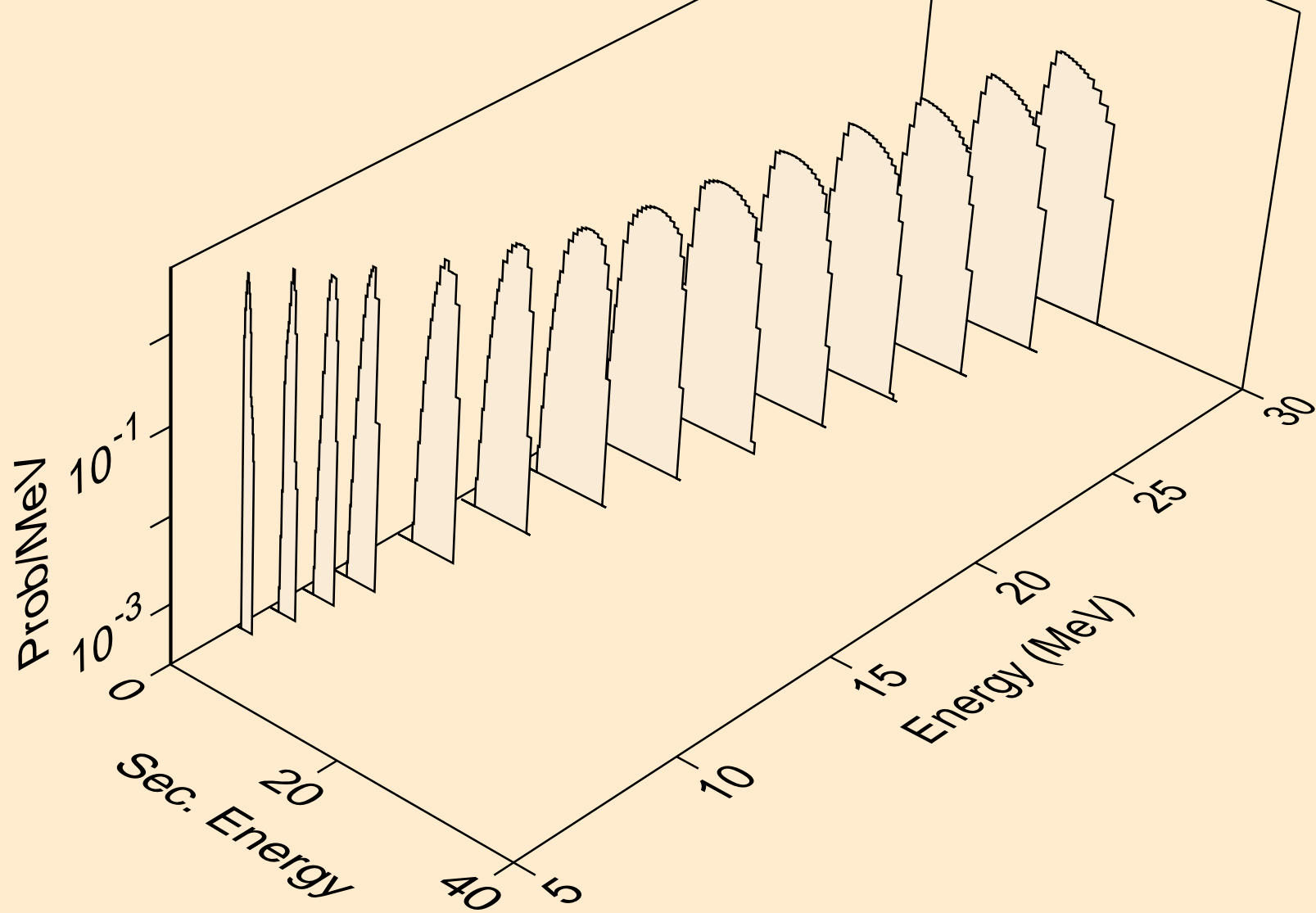
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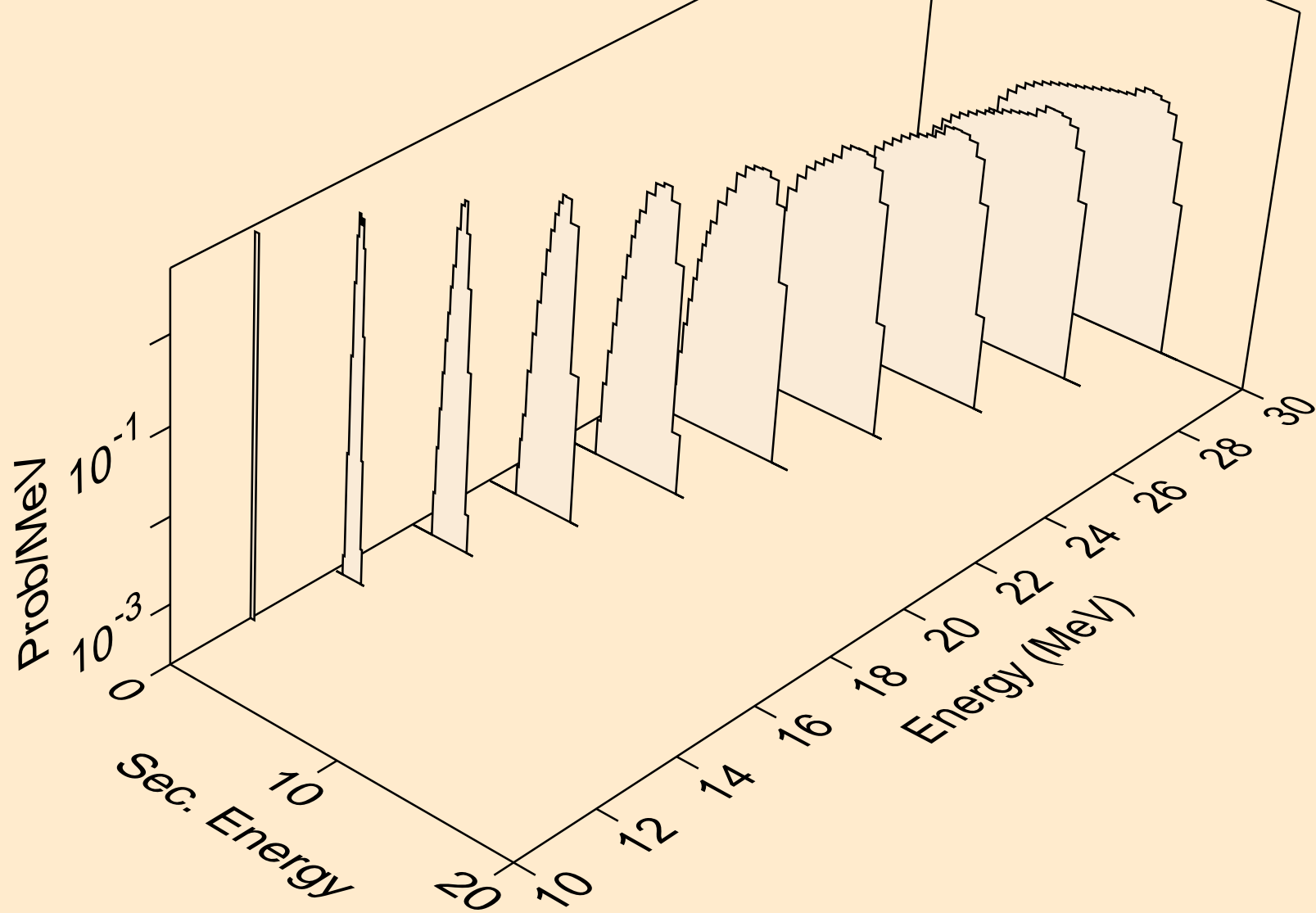
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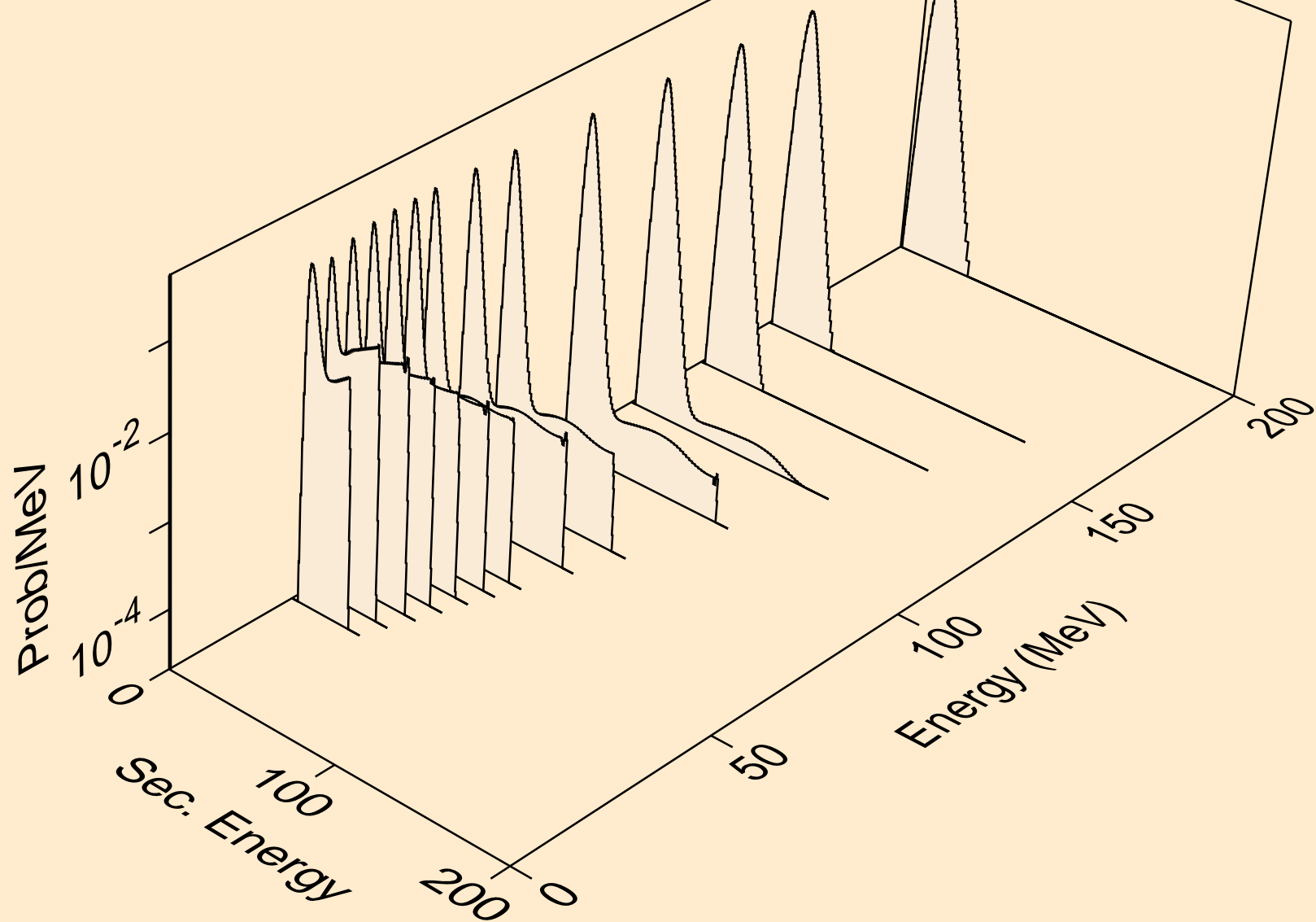
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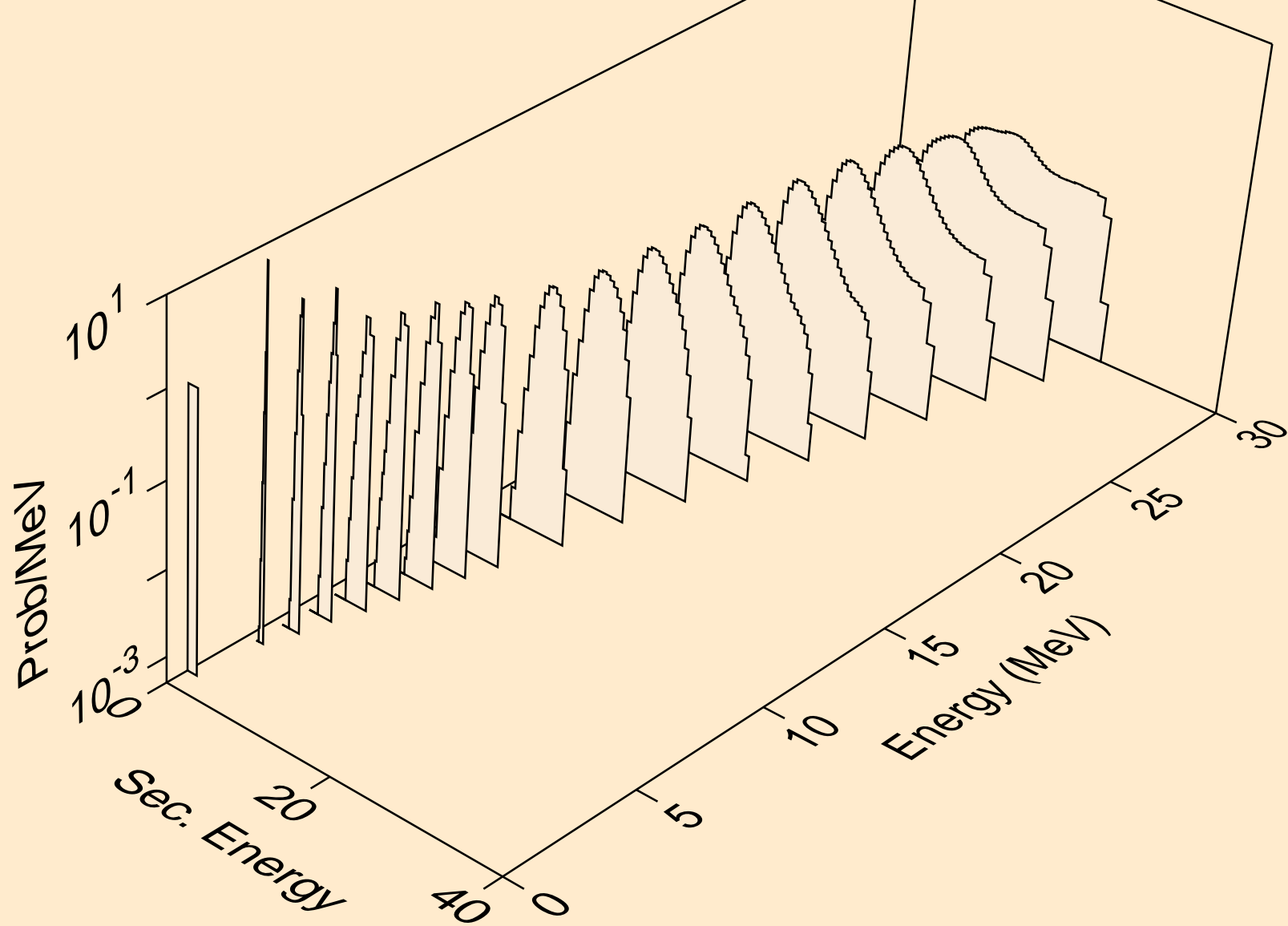
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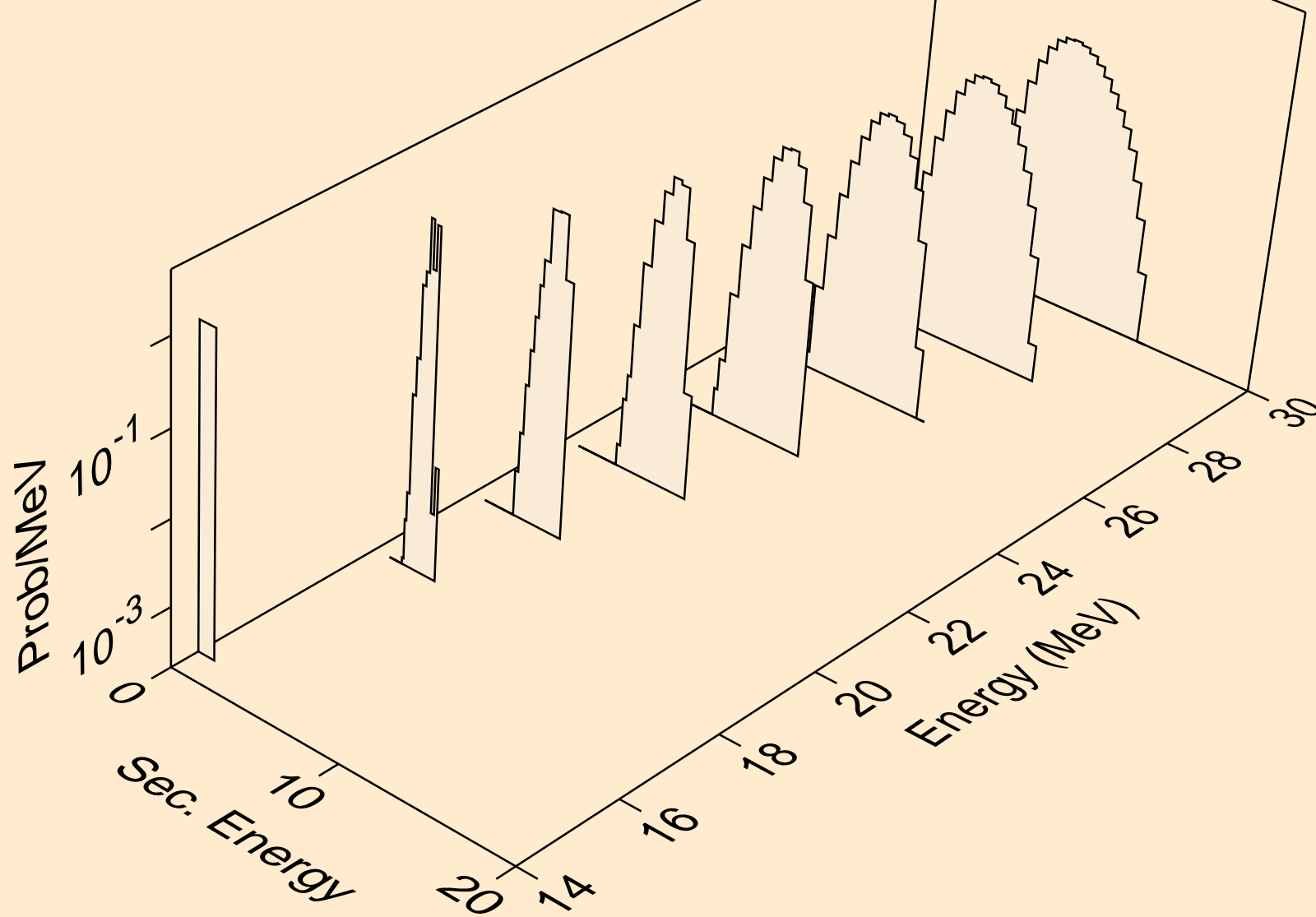
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alphas from (s,x)



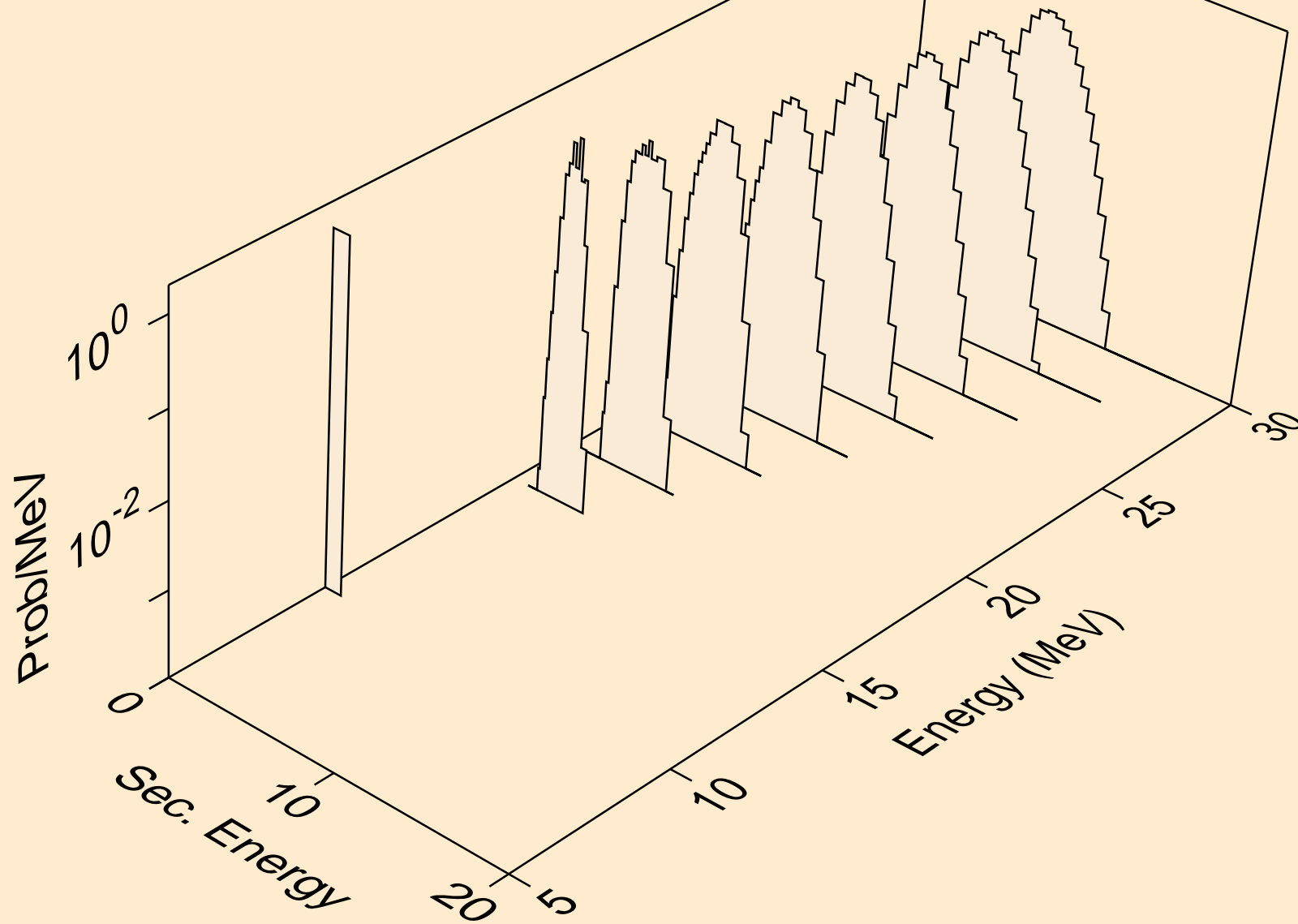
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alphas from (s,n\*)a



CR052 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2n)a

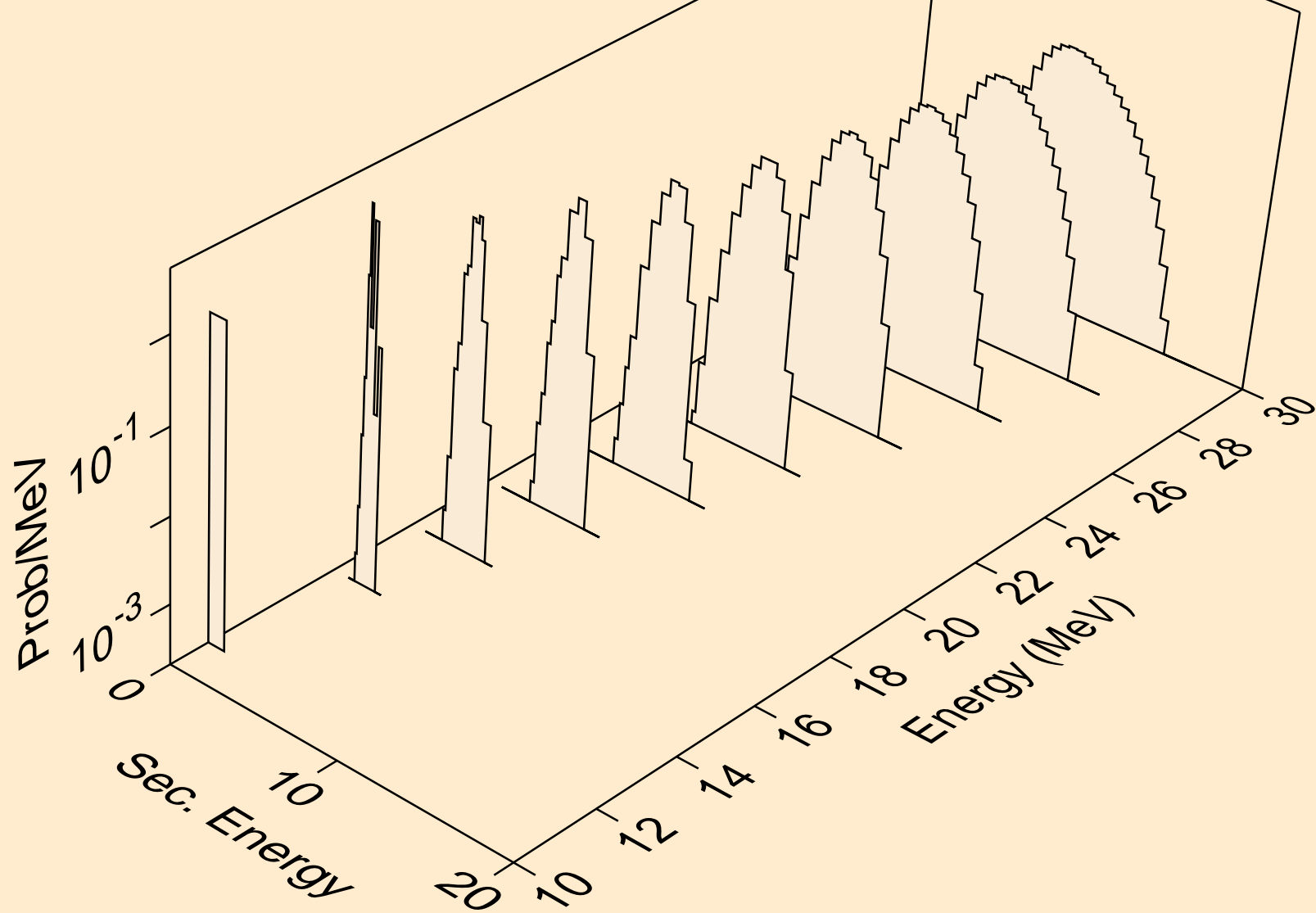


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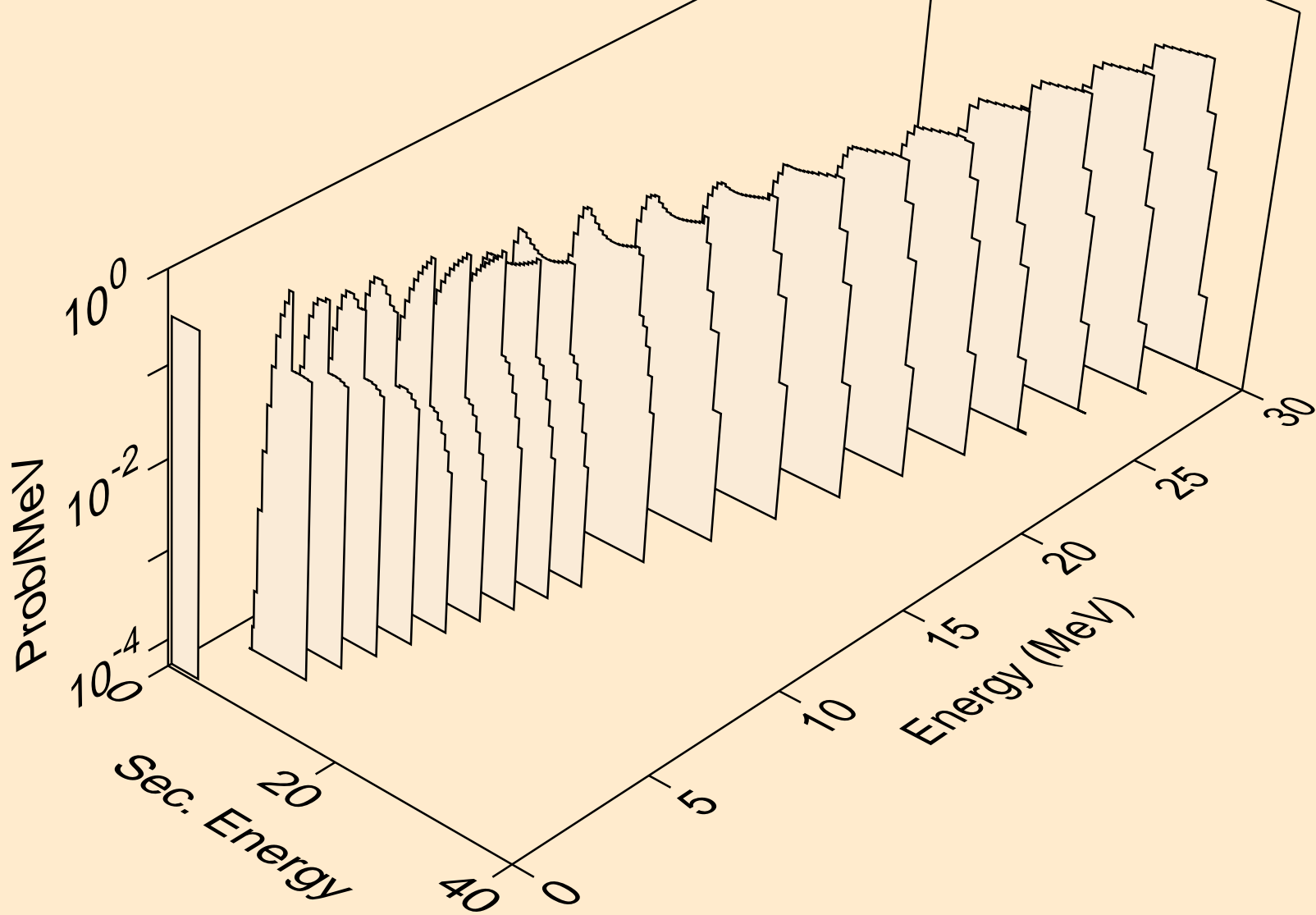




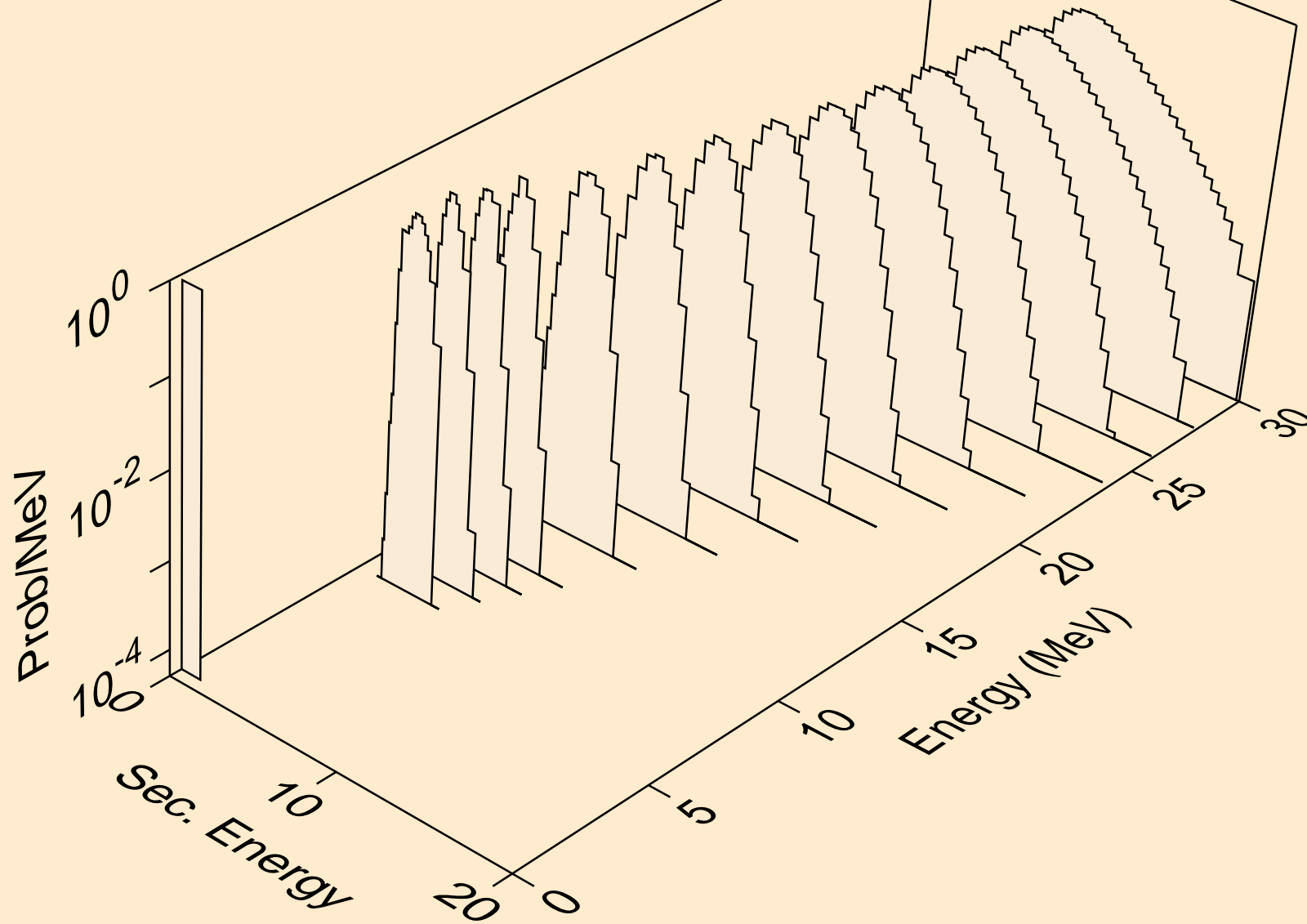
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alphas from (s,npa)



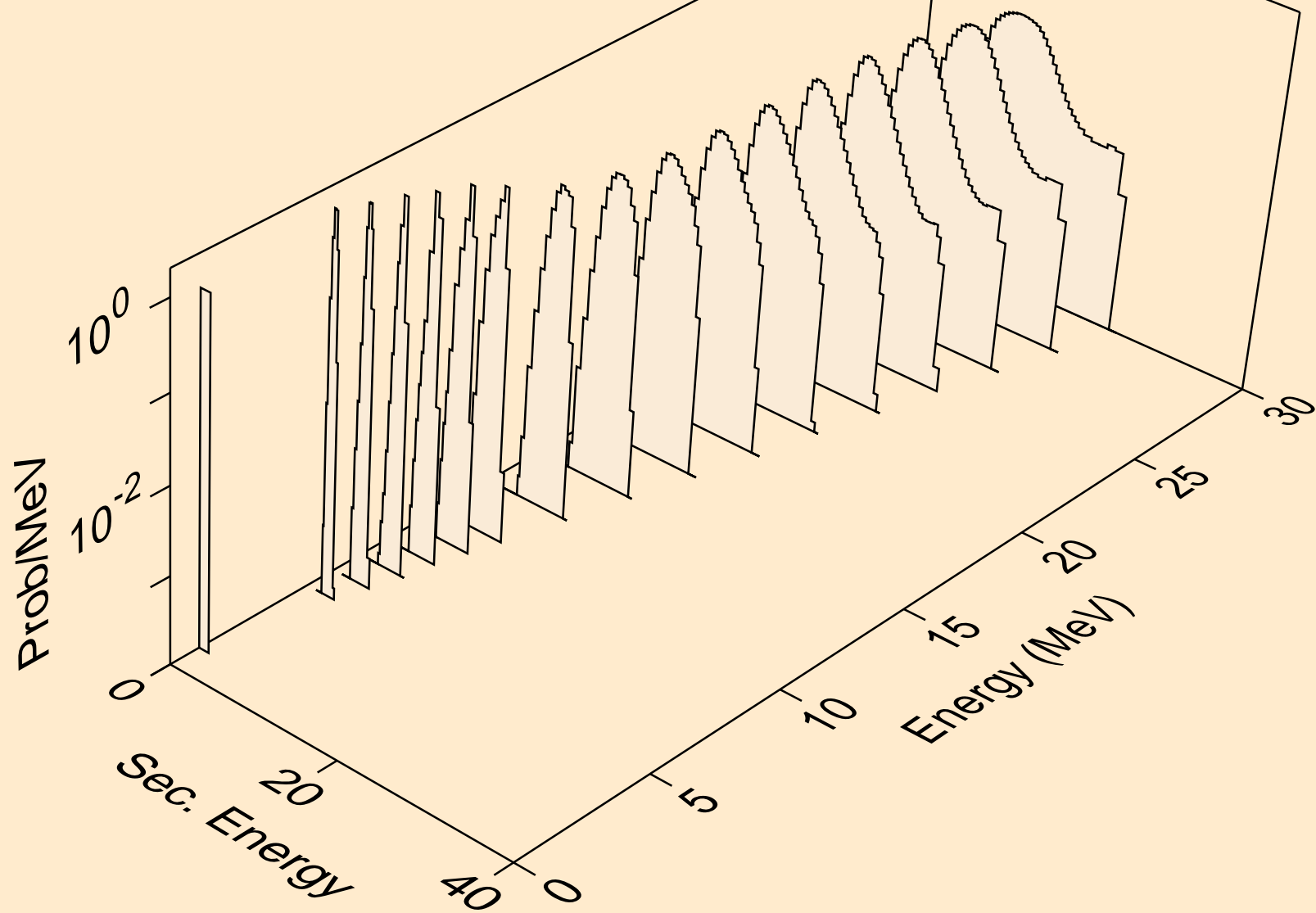
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alphas from (s,a)



CR052 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2a)



CR052 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,pa)



CR052 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,da)

