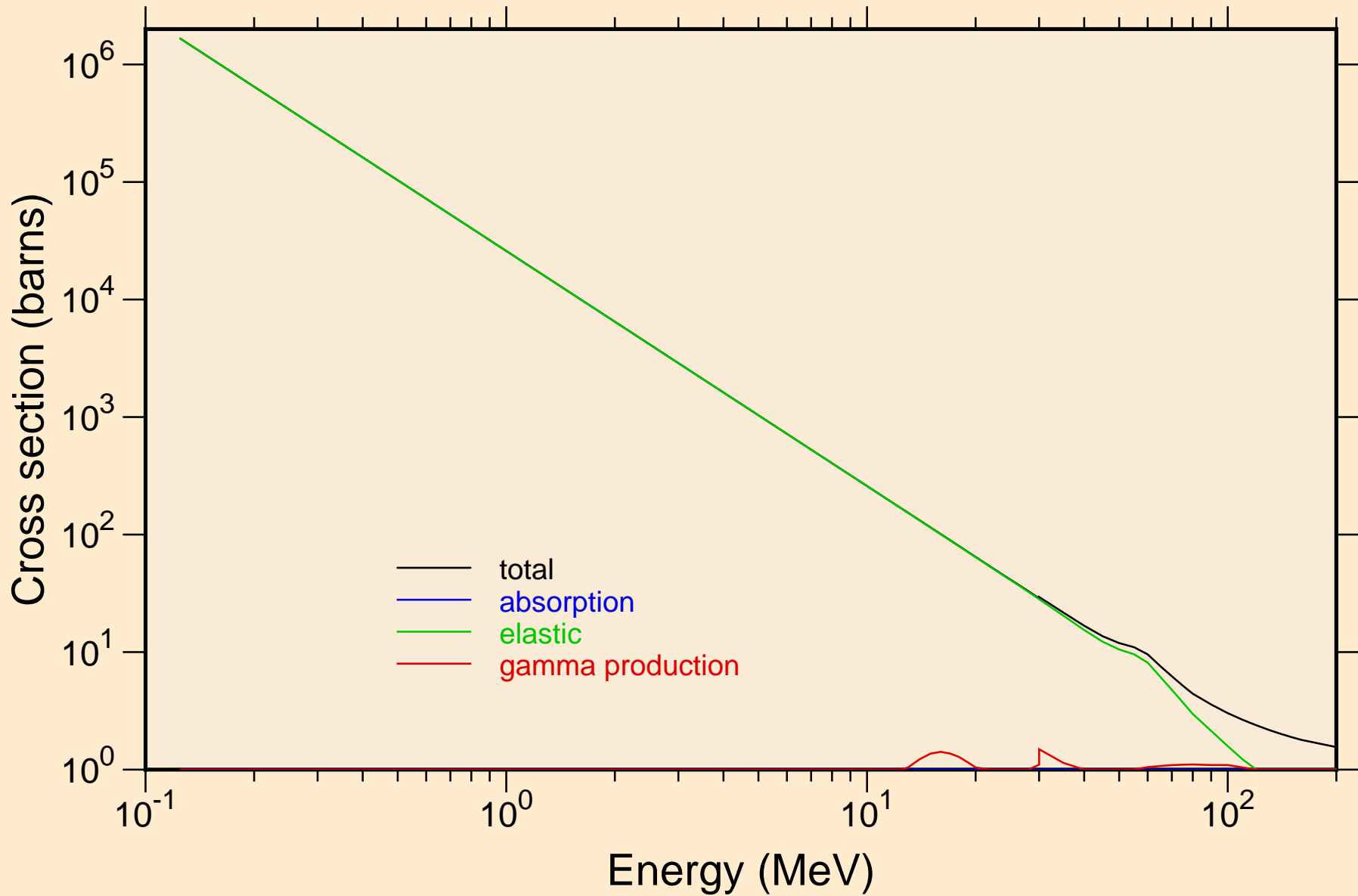


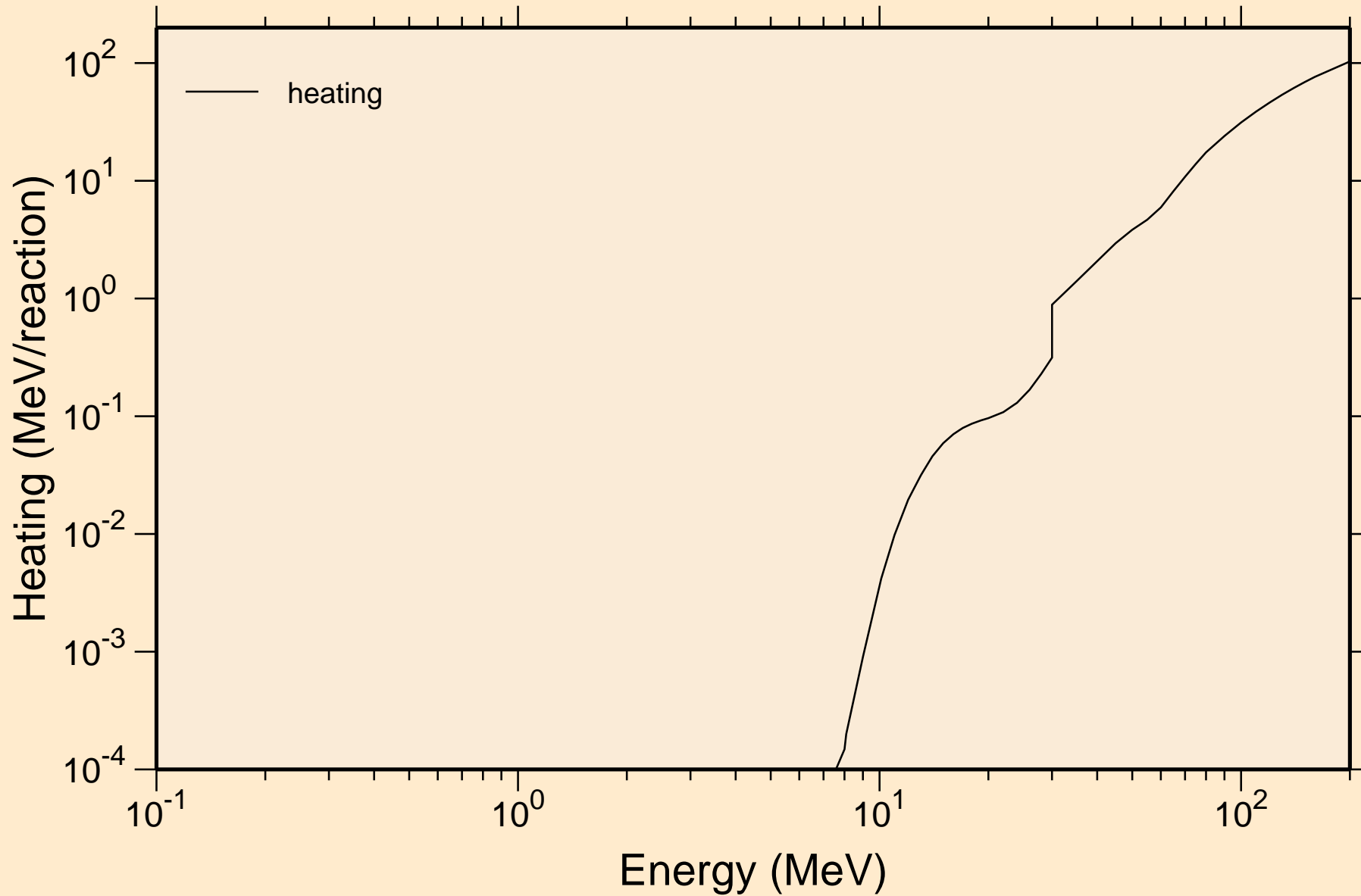
# GA063 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



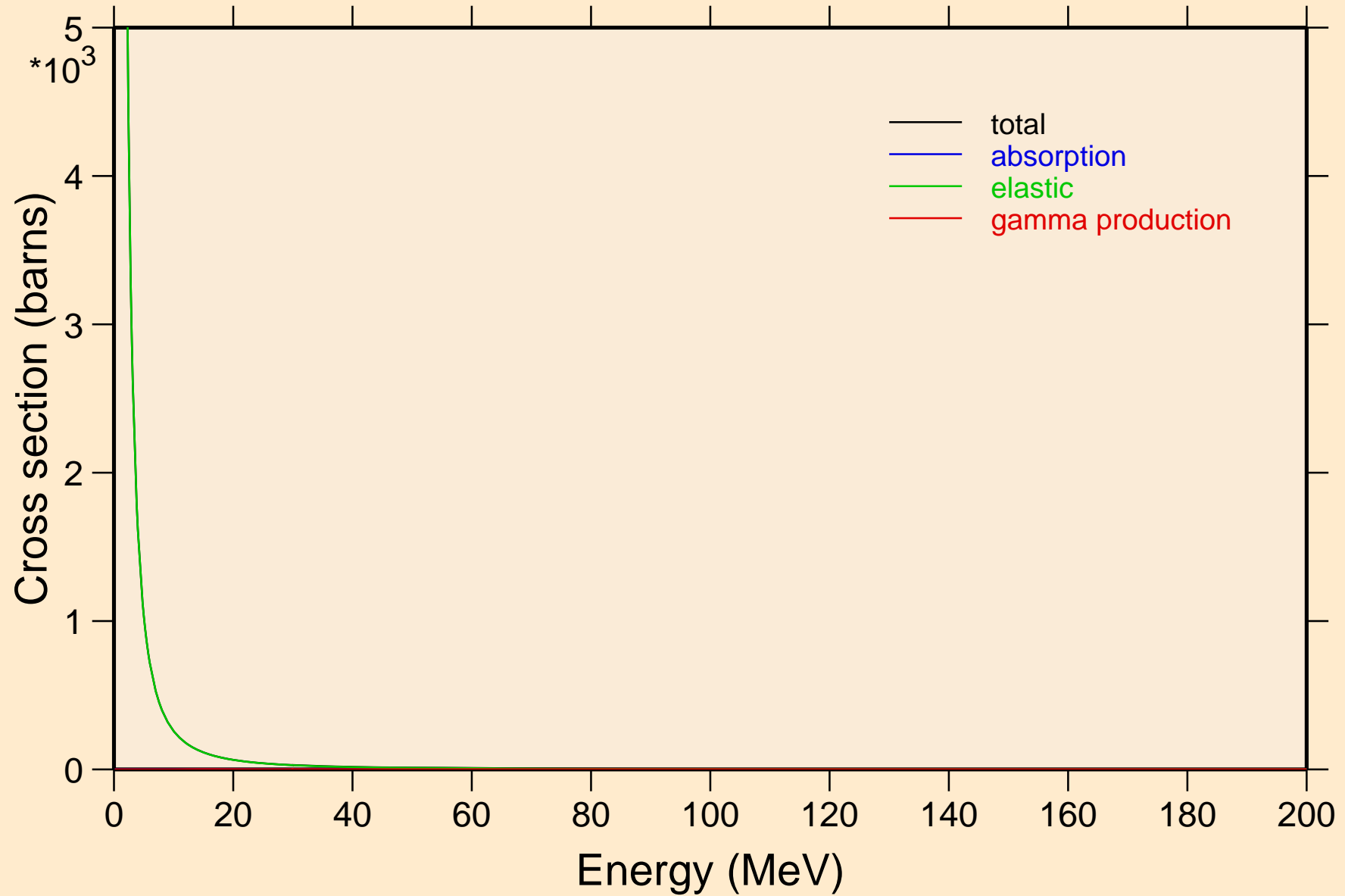
# GA063 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Heating



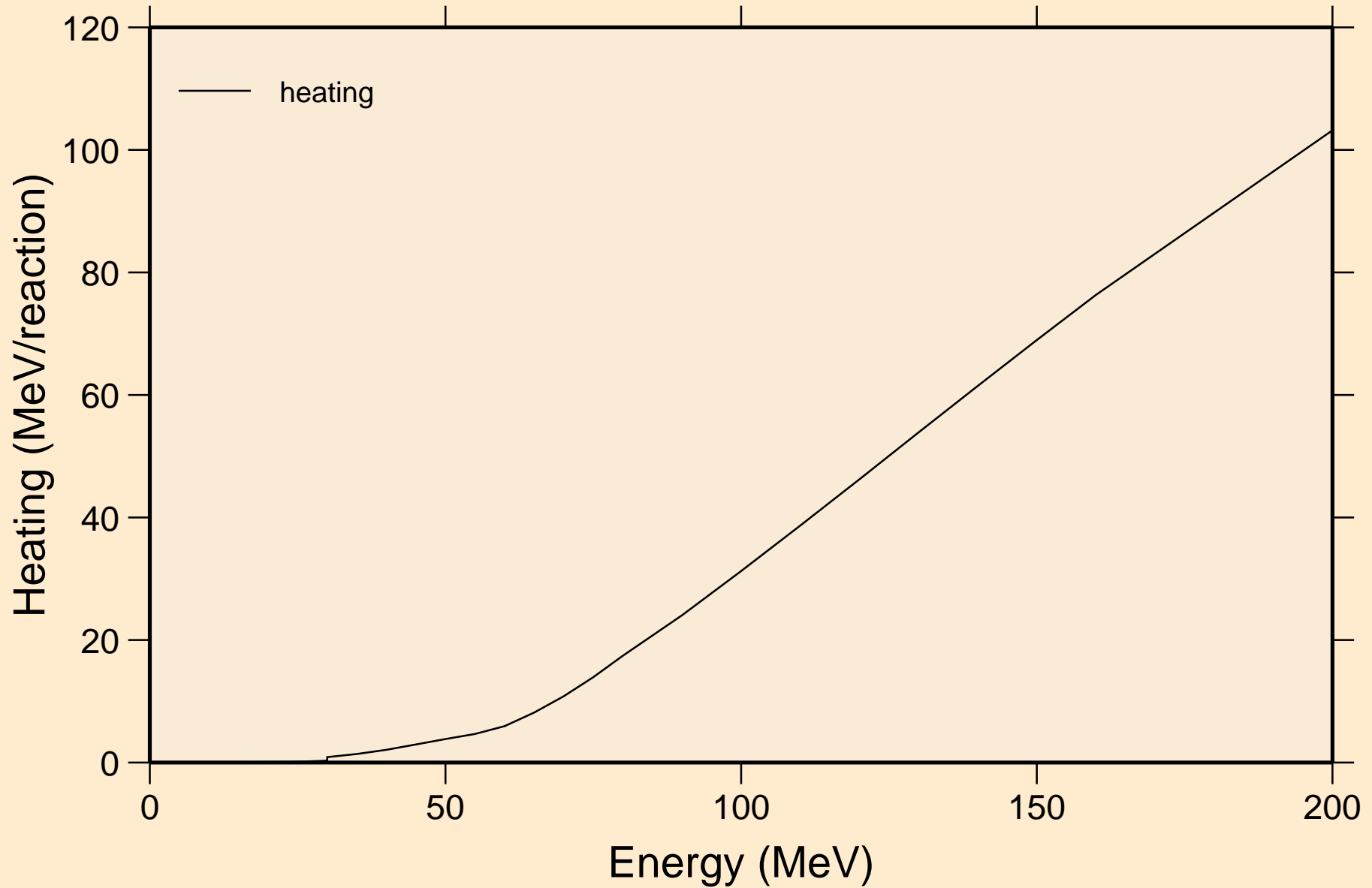
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## Principal cross sections

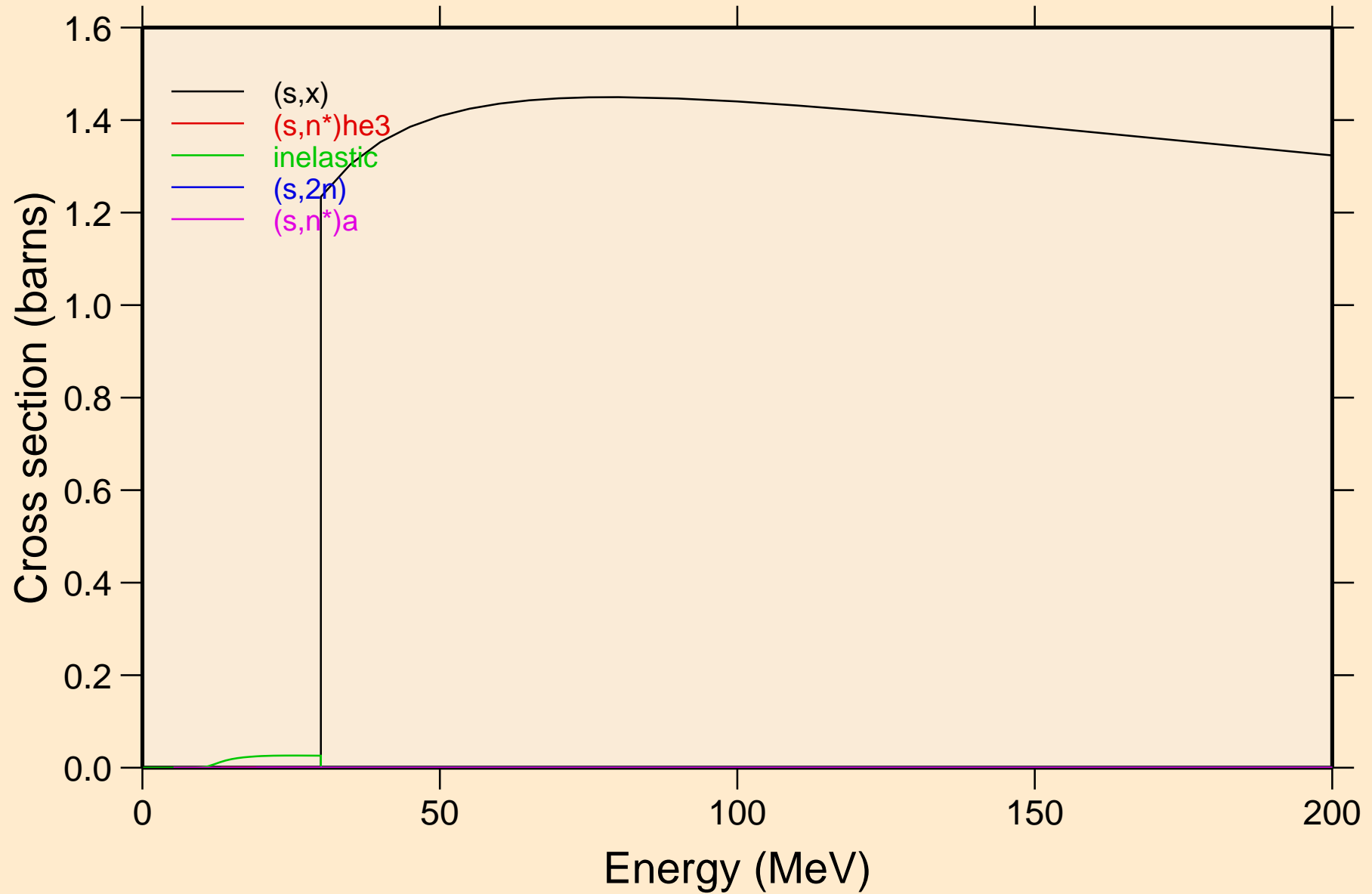


GA063 HELION ACER TENDL-2023 LIBRARY; T=0.K

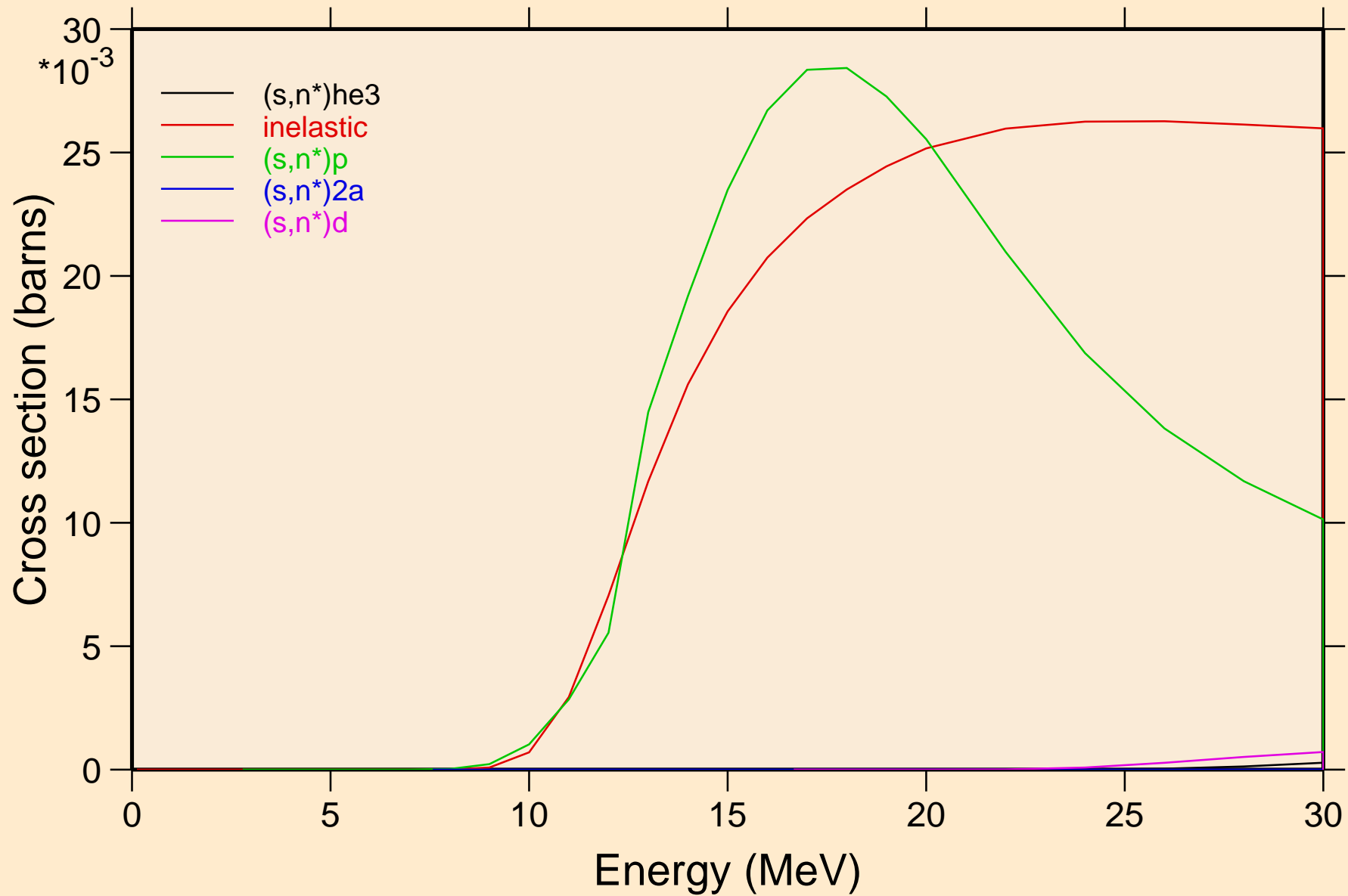
Heating



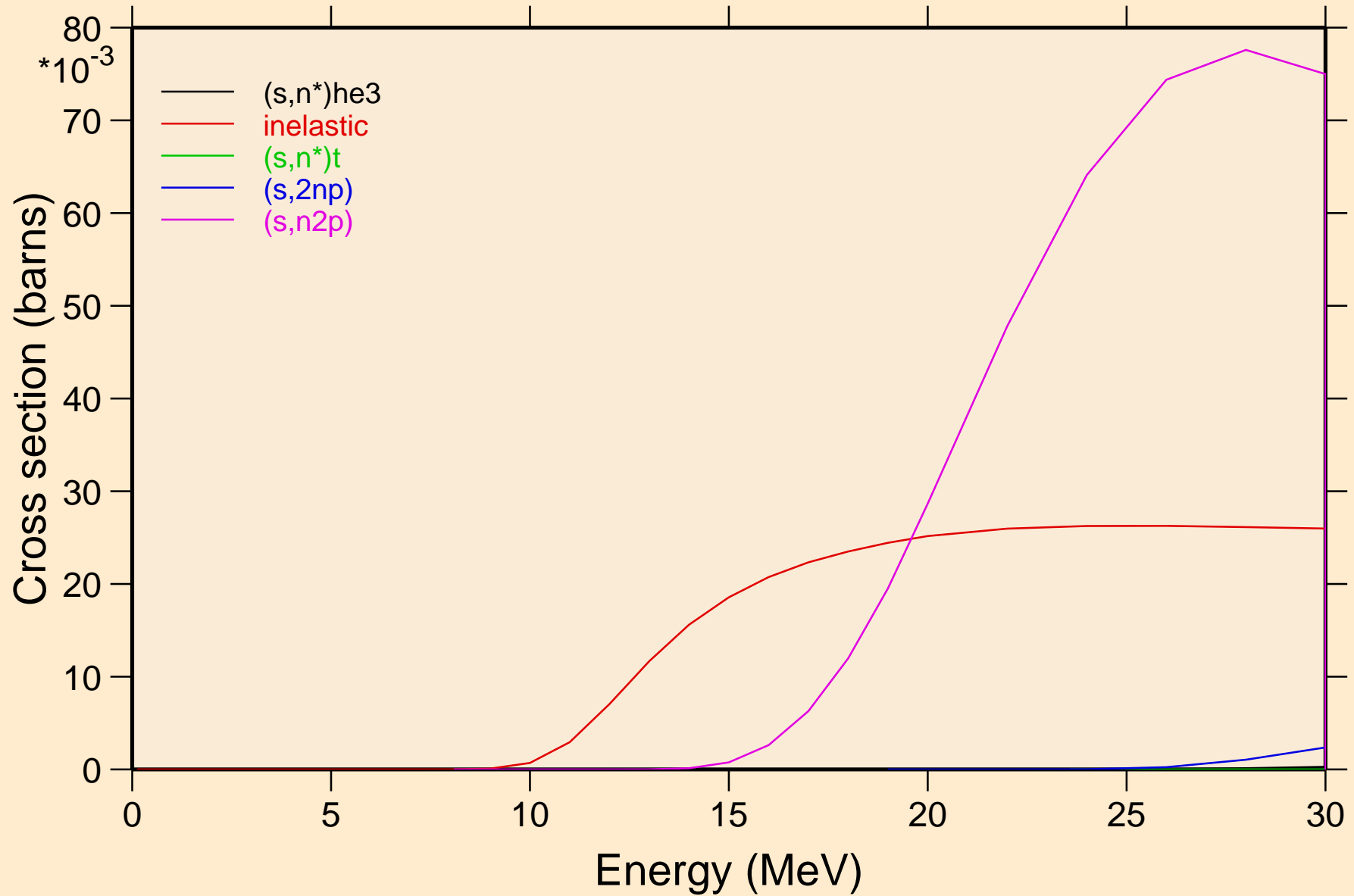
GA063 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



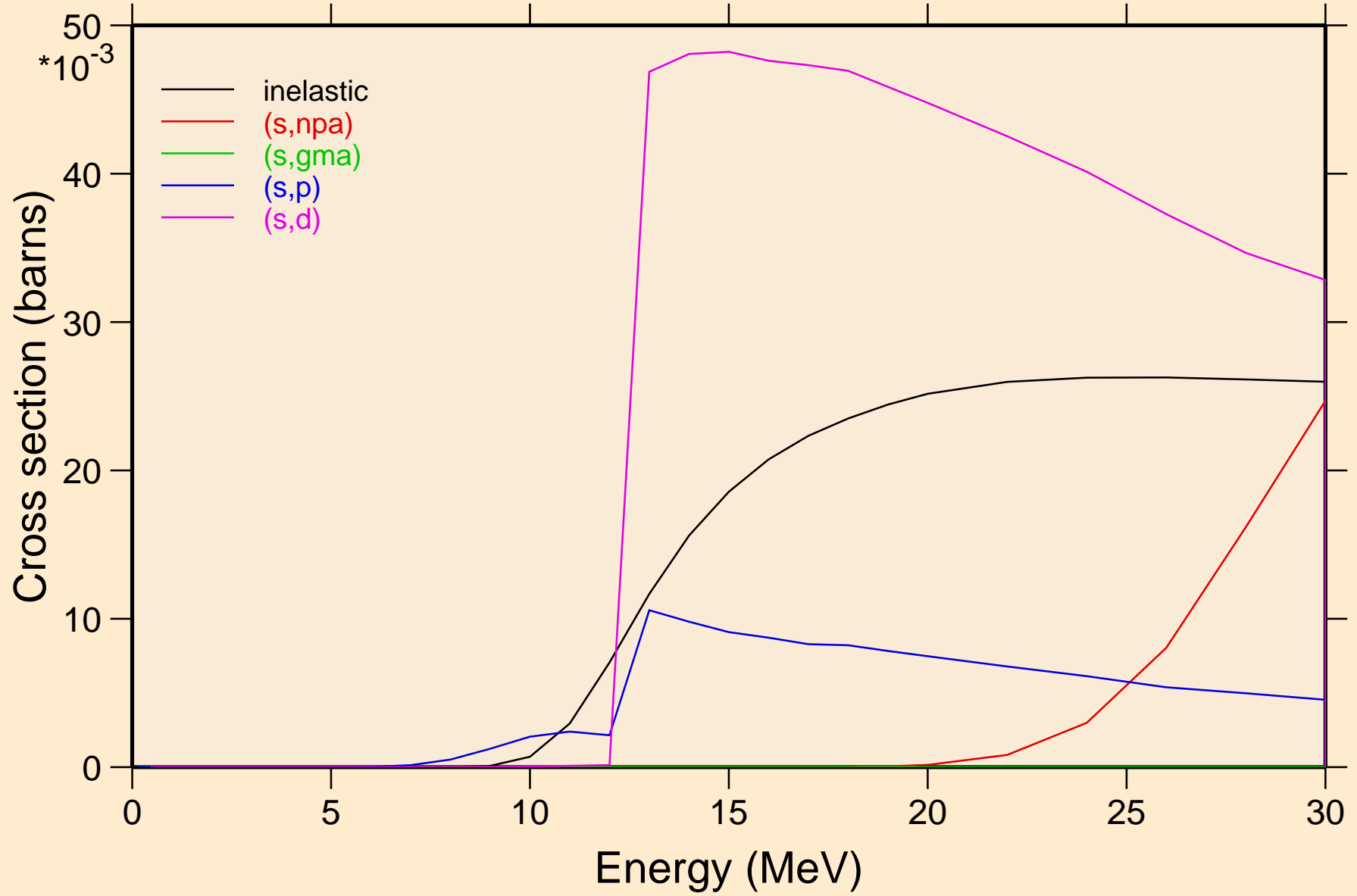
GA063 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



GA063 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

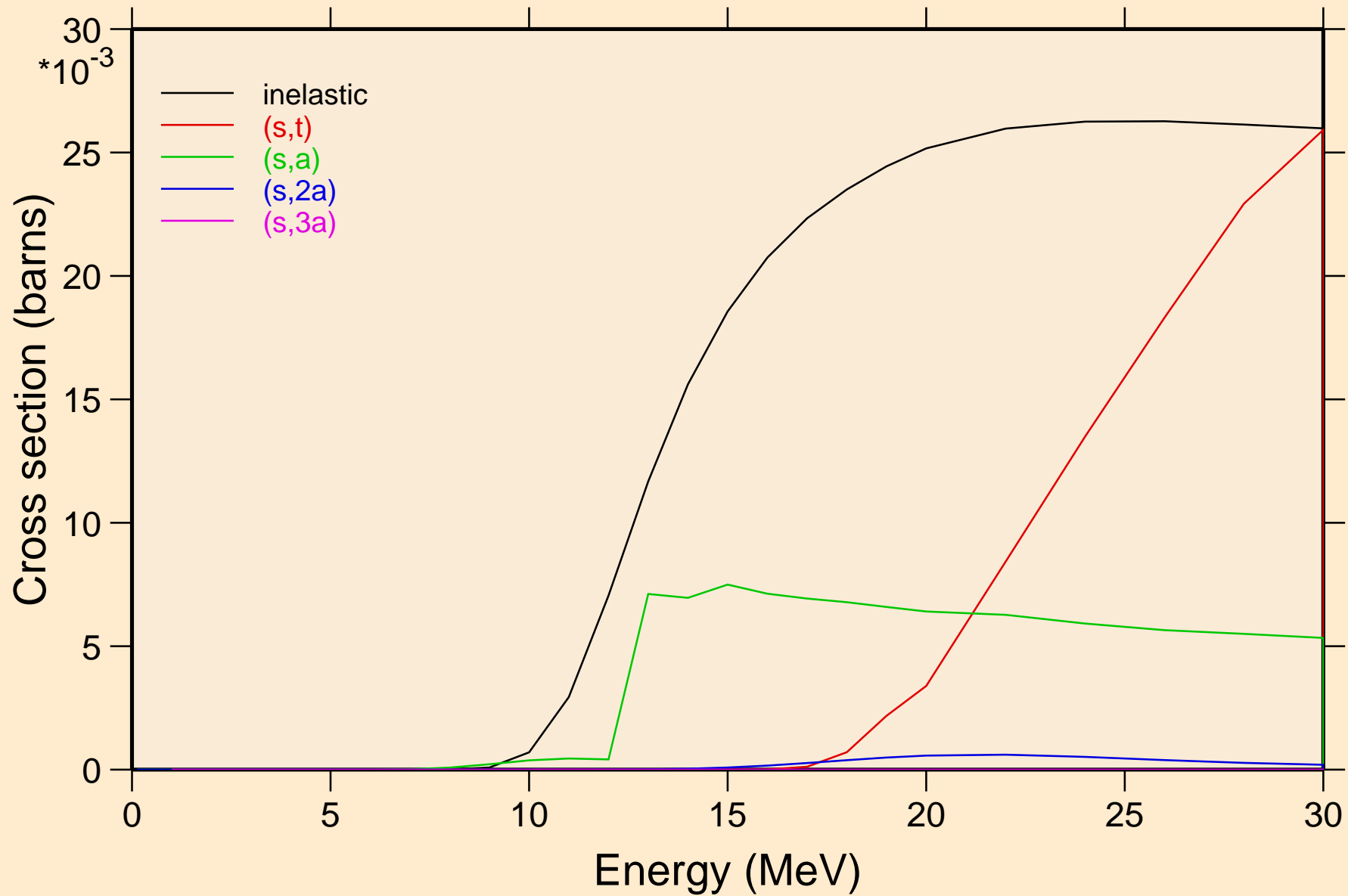


GA063 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



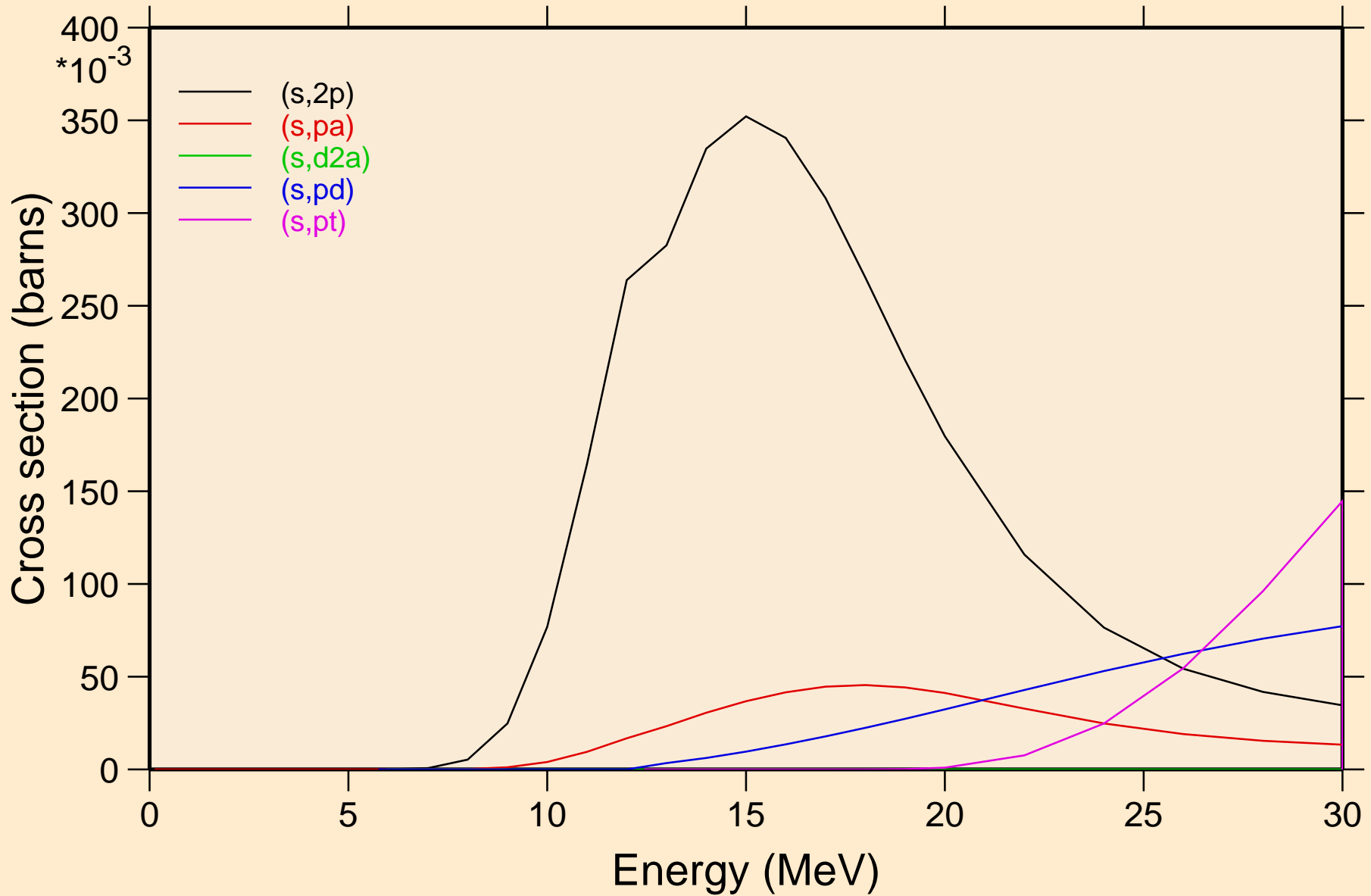


GA063 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

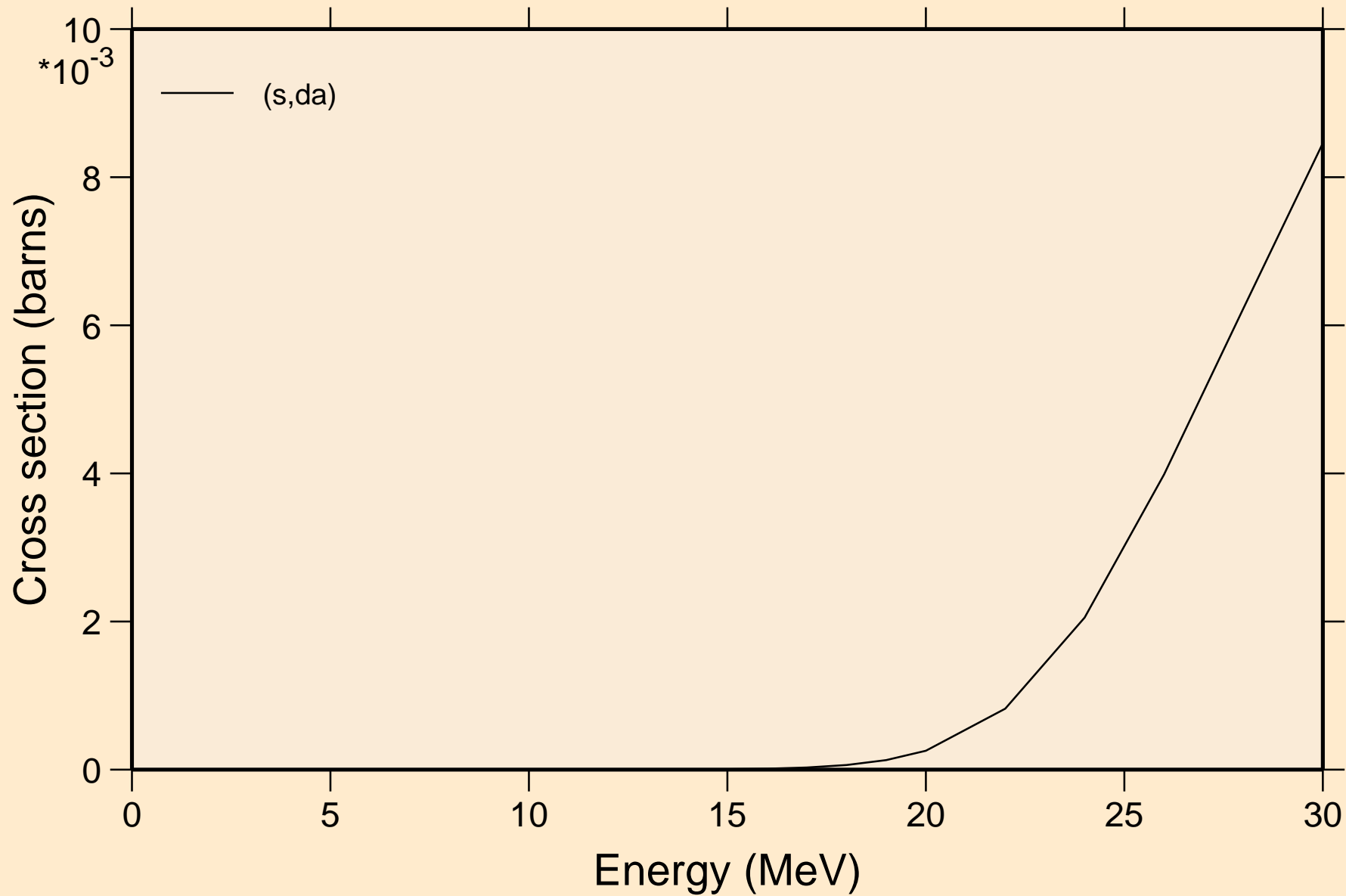


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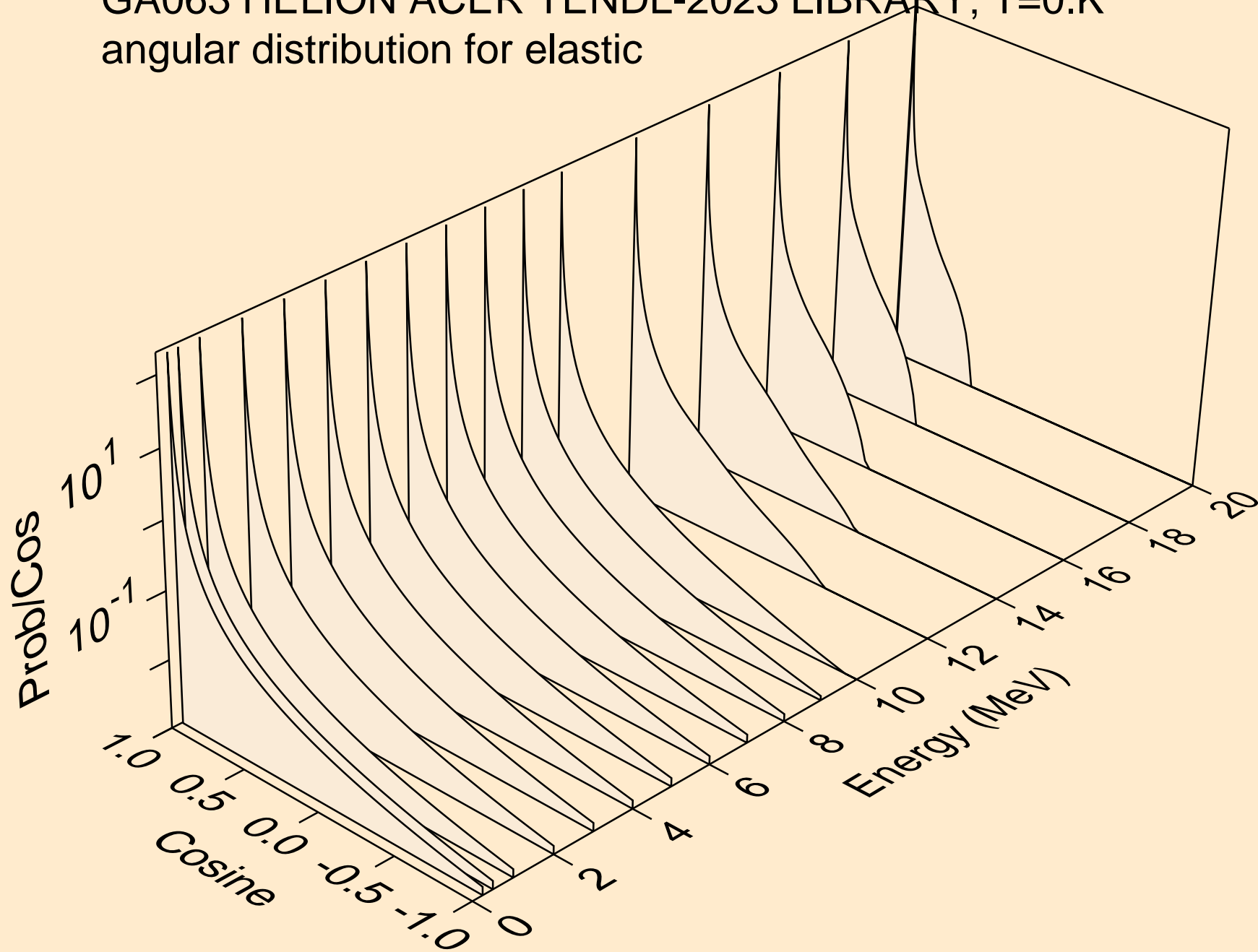
## Threshold reactions



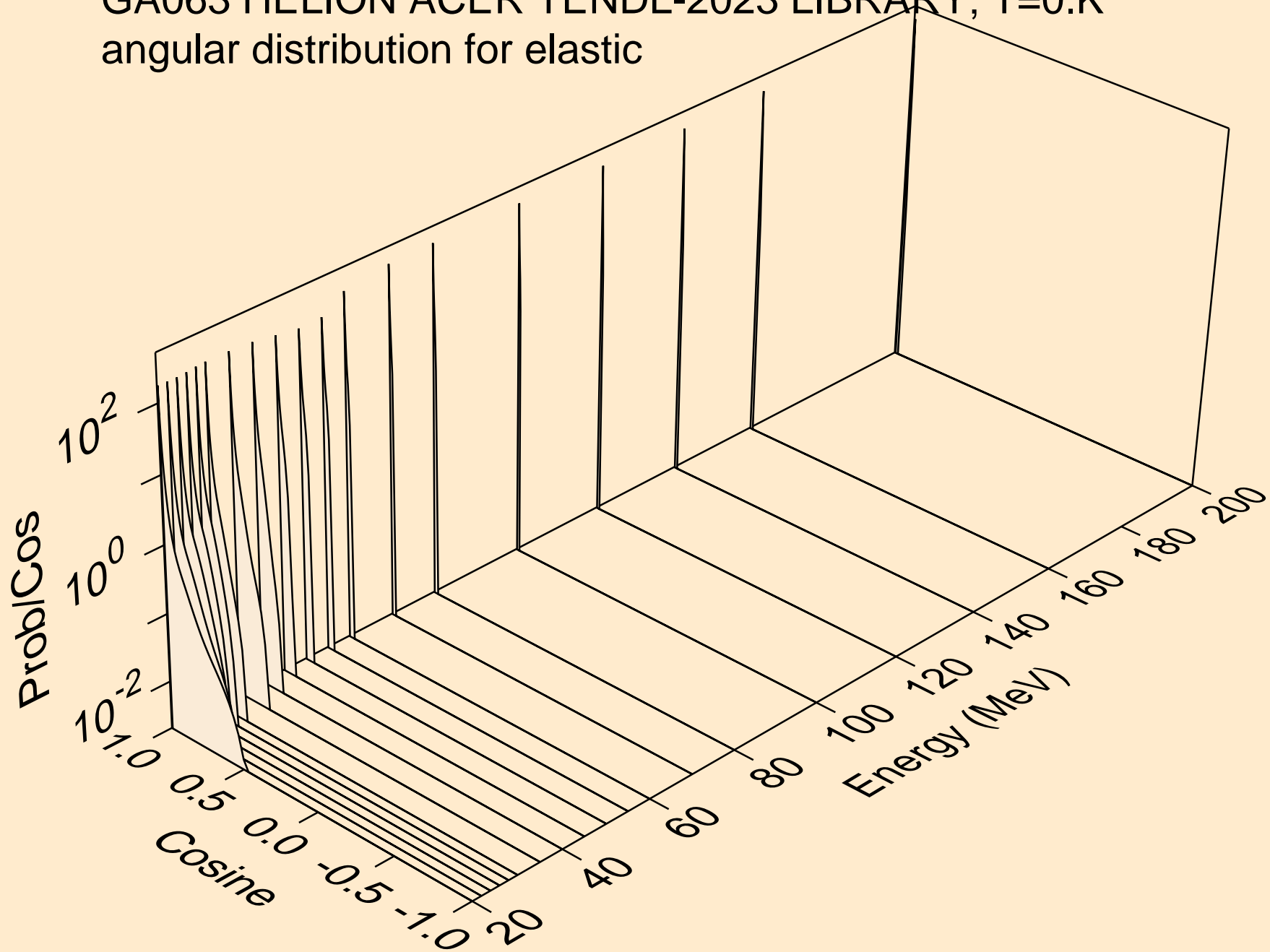
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Threshold reactions



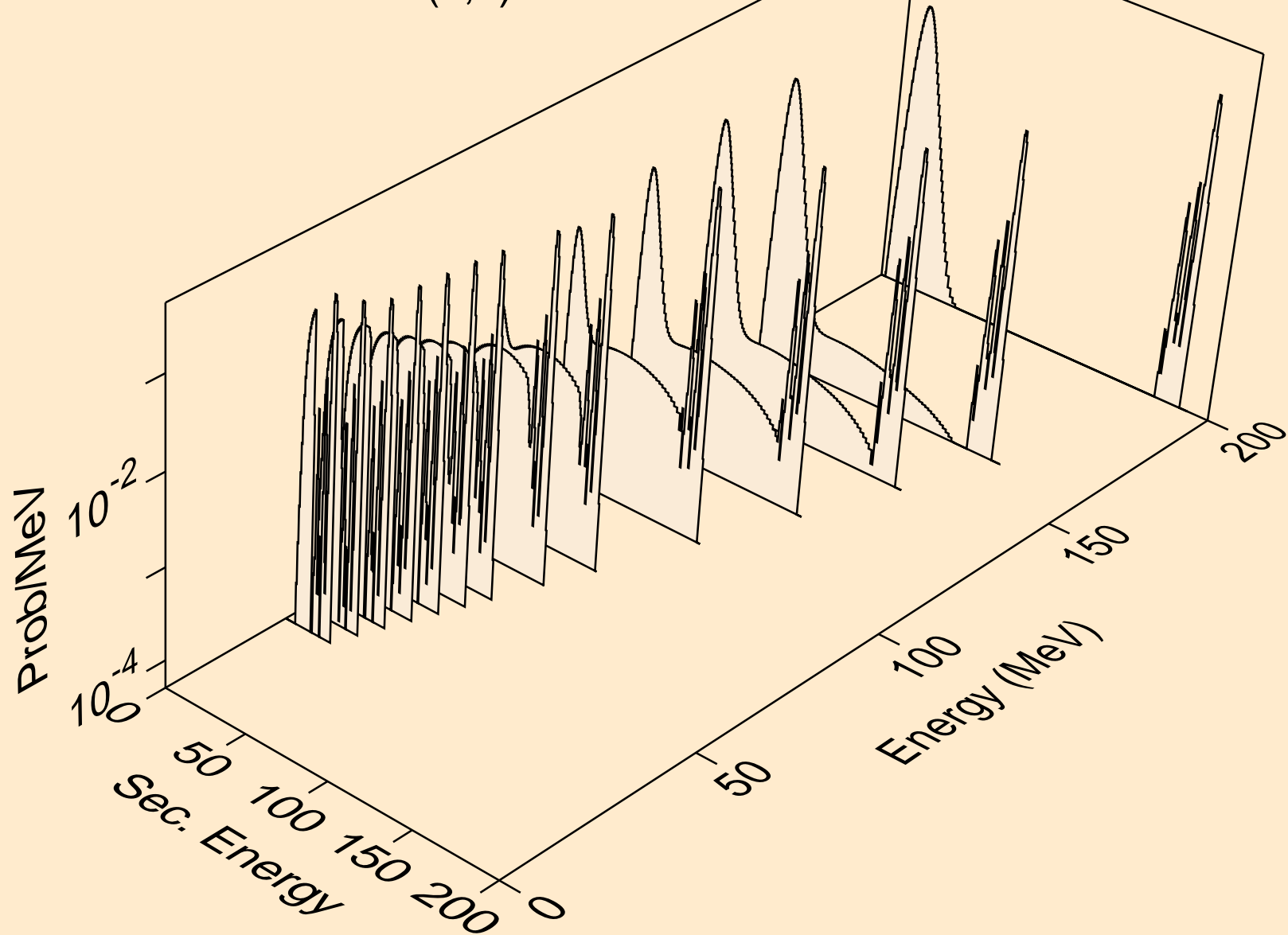
GA063 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



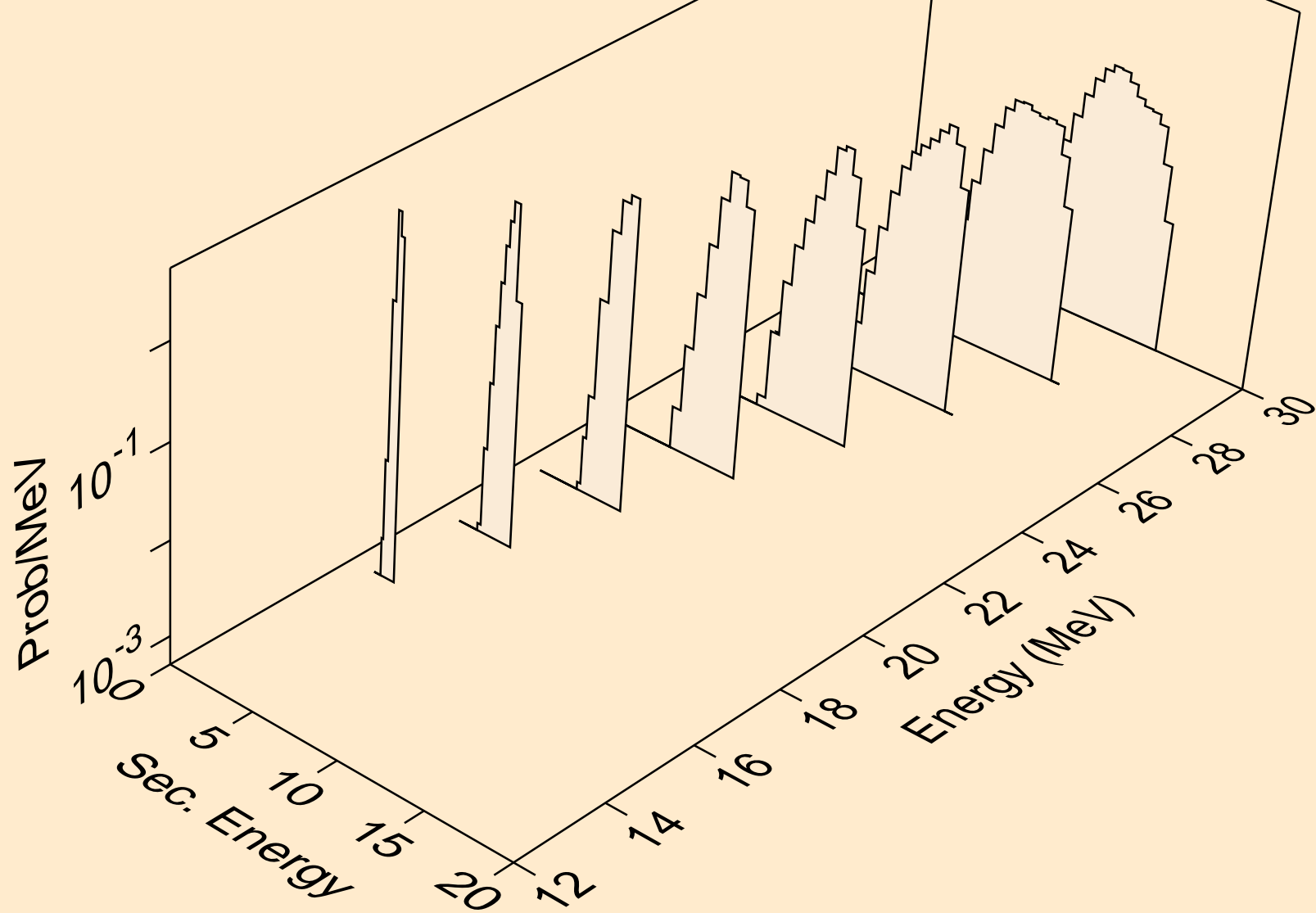
GA063 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



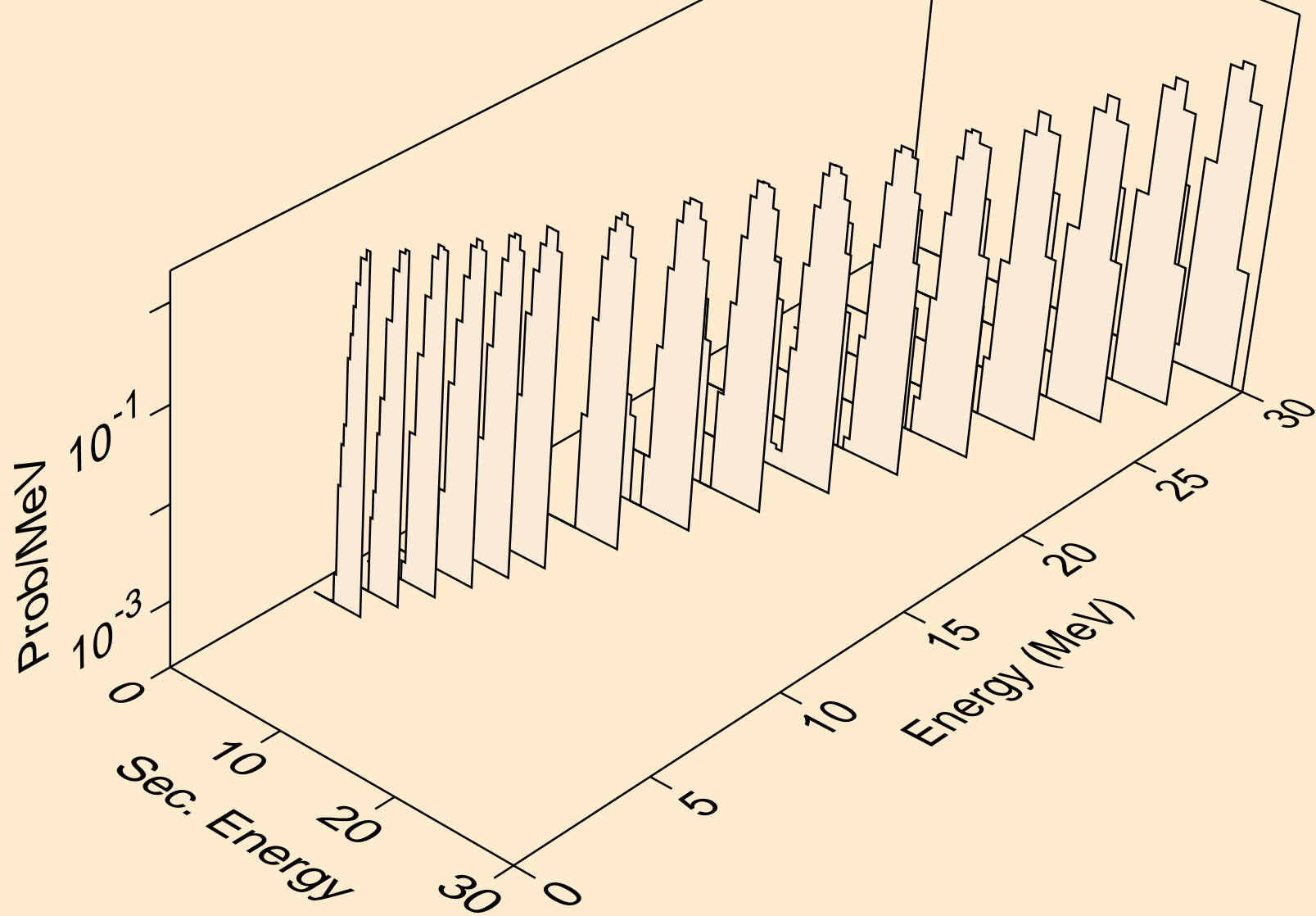
GA063 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,x)



GA063 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

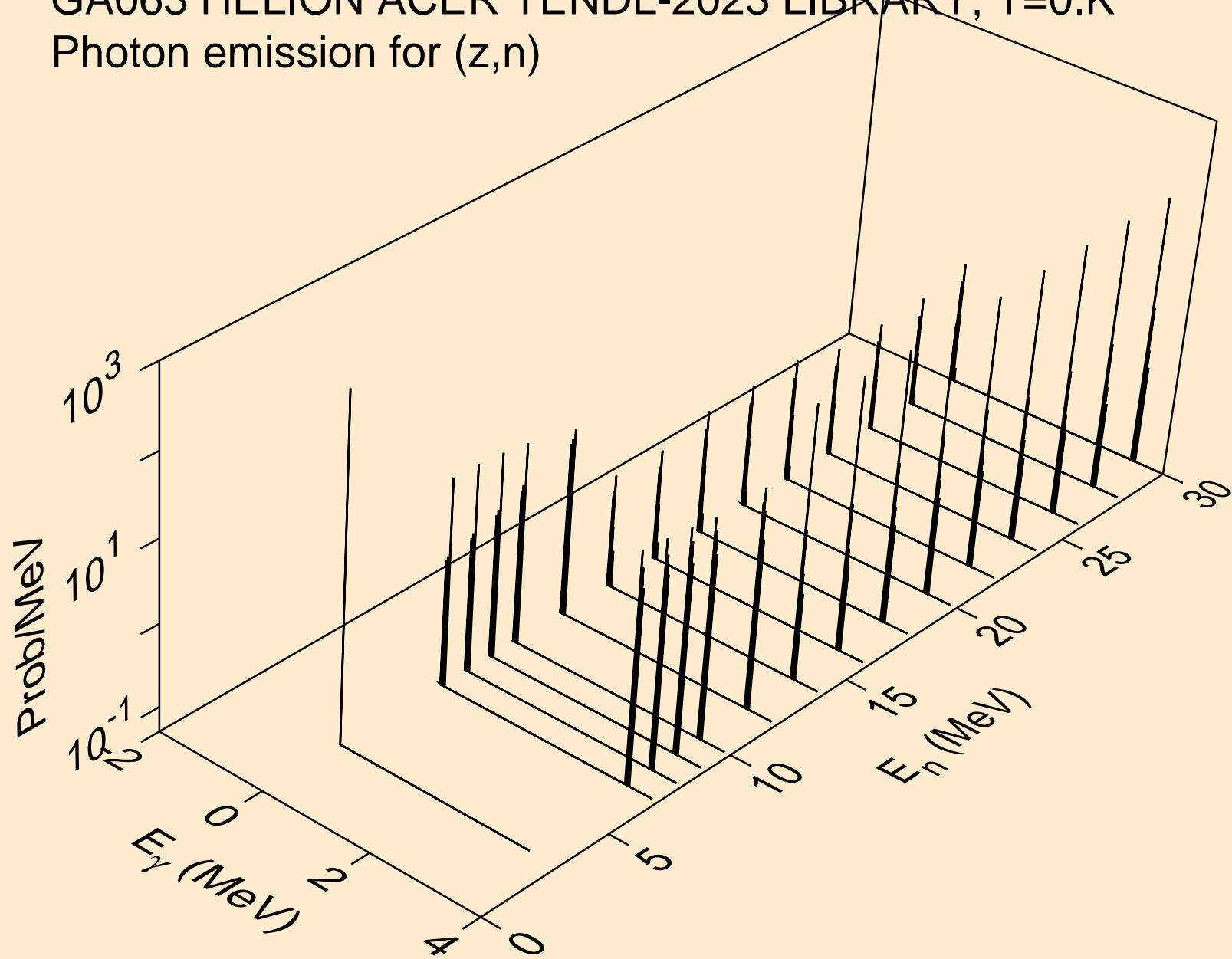


GA063 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for inelastic

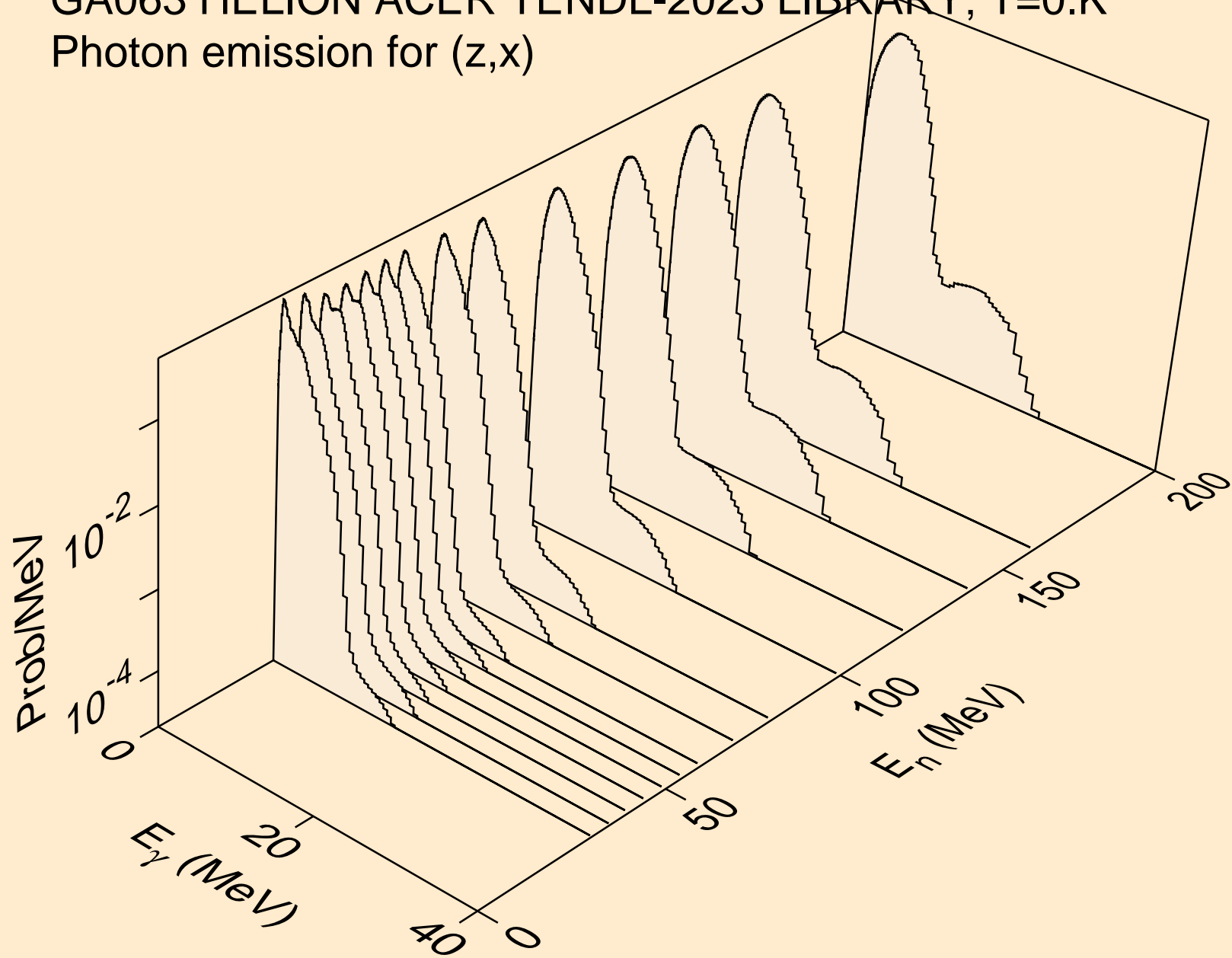




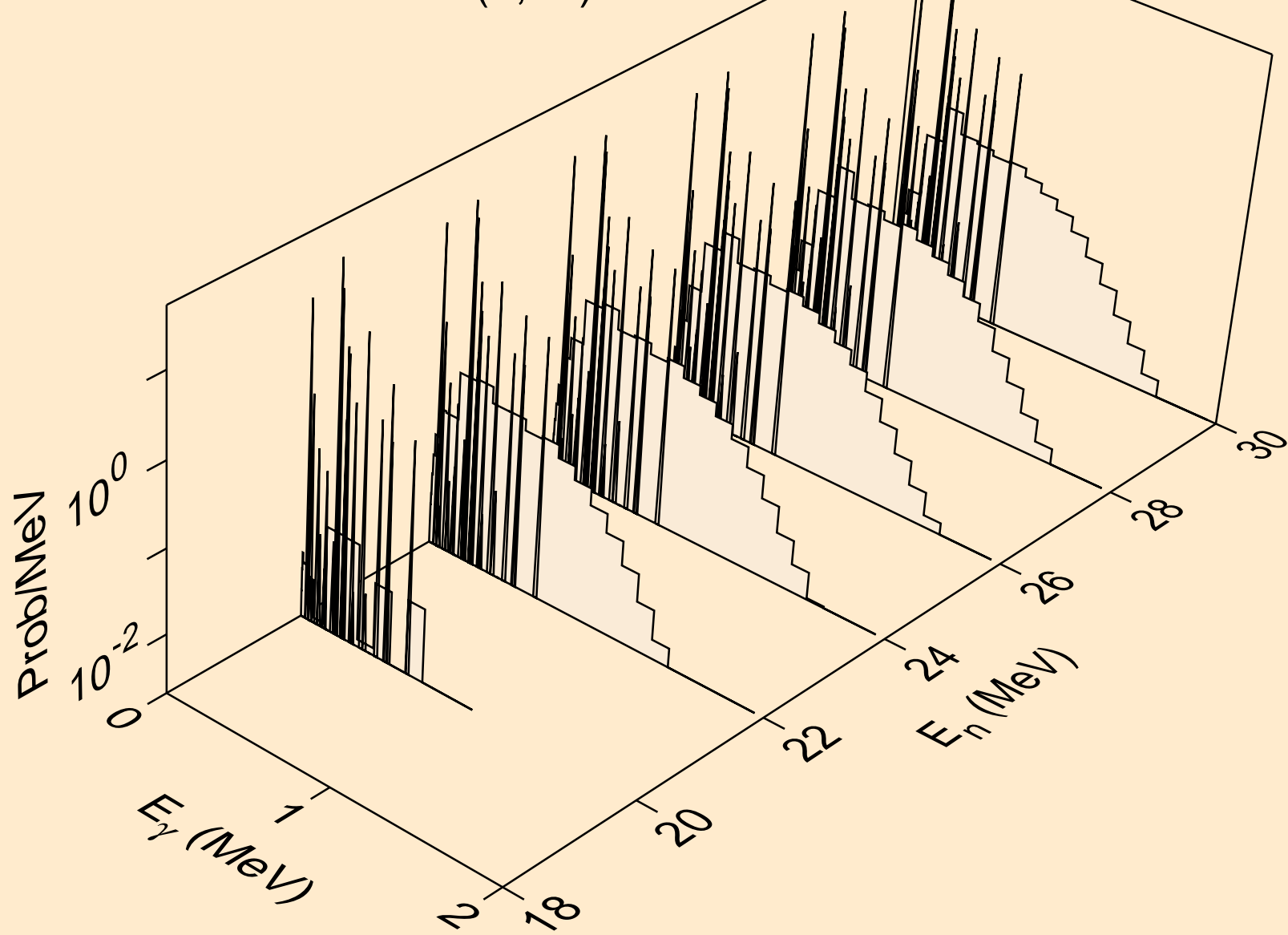
GA063 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



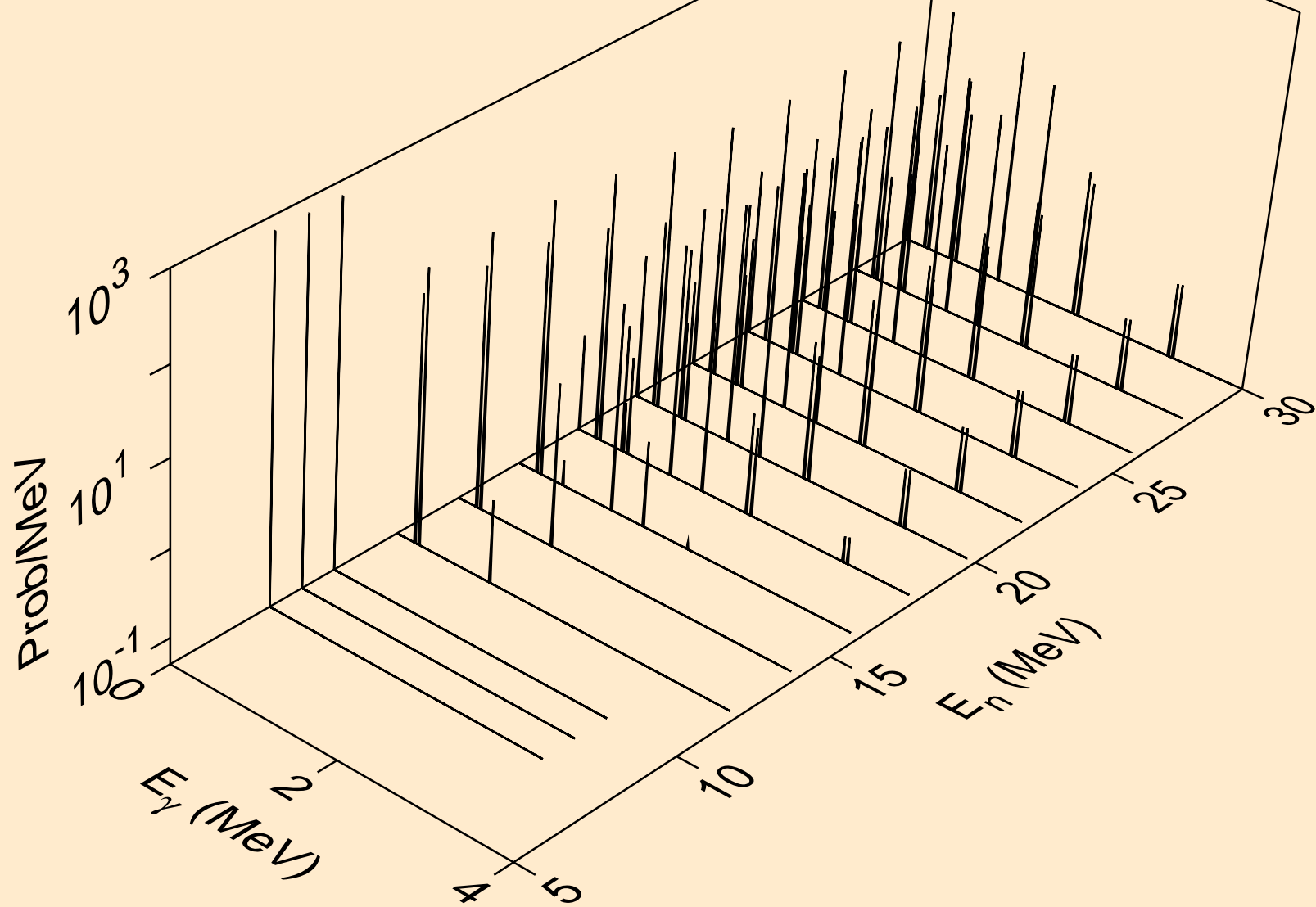
GA063 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



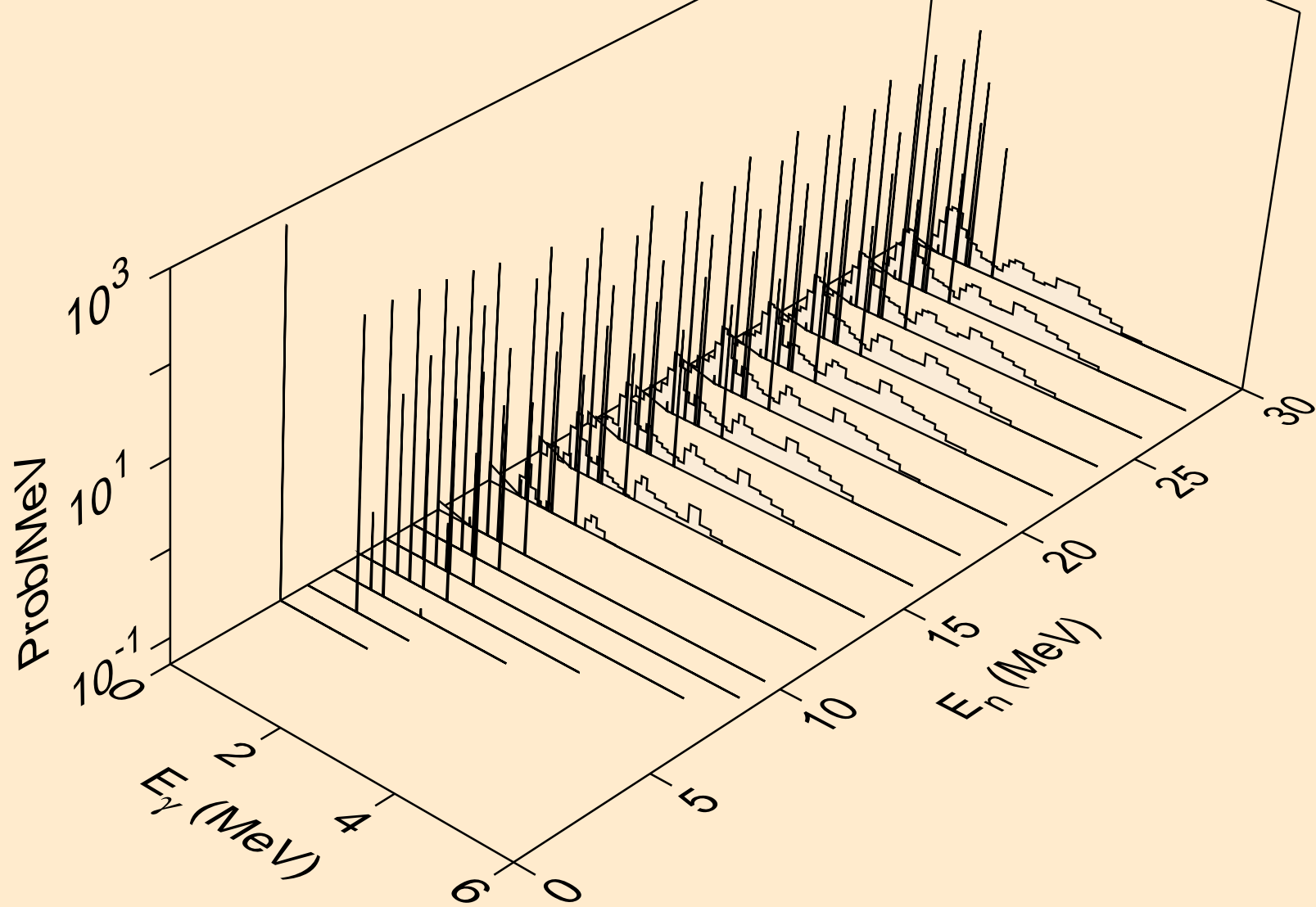
GA063 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



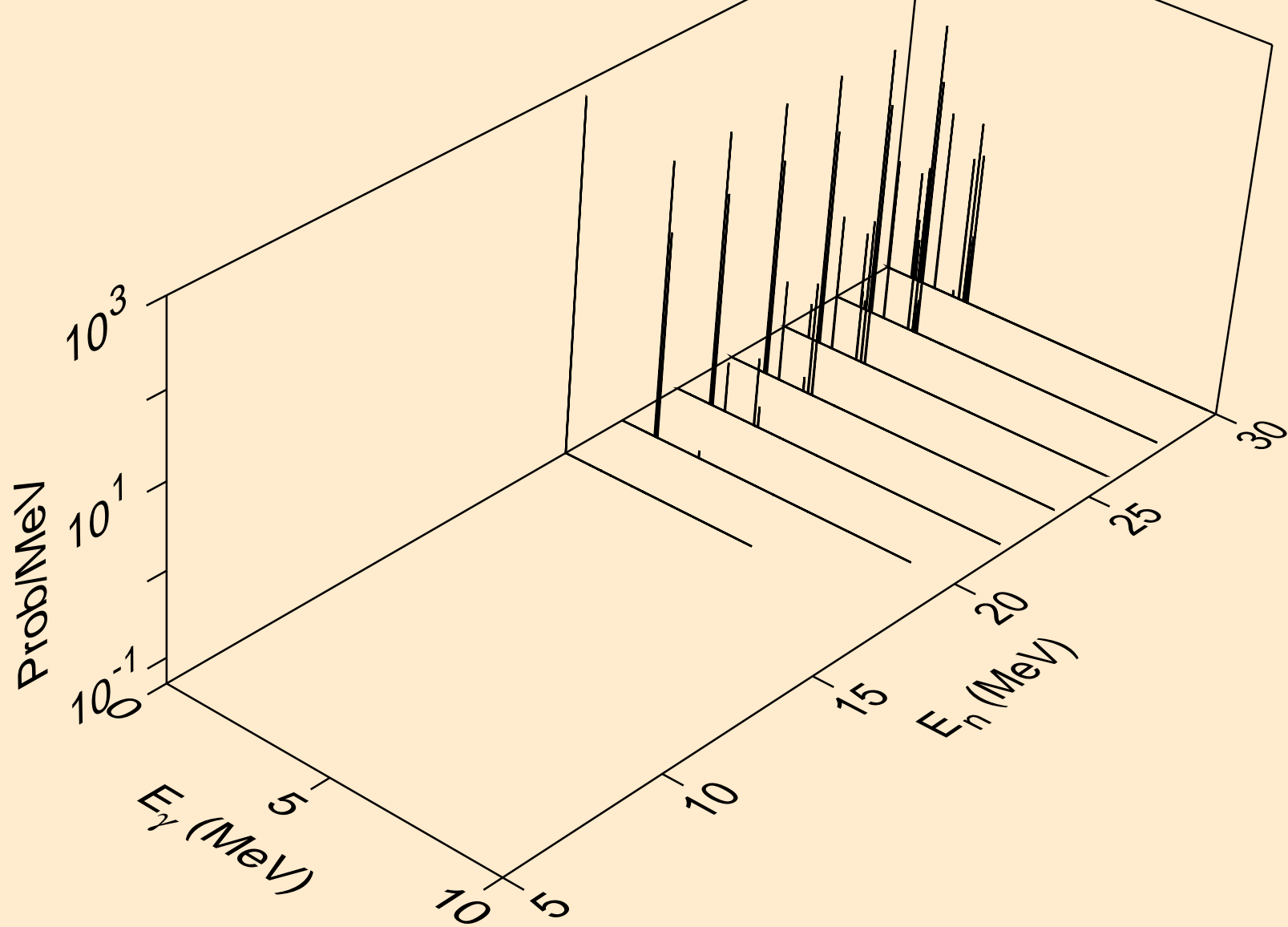
GA063 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



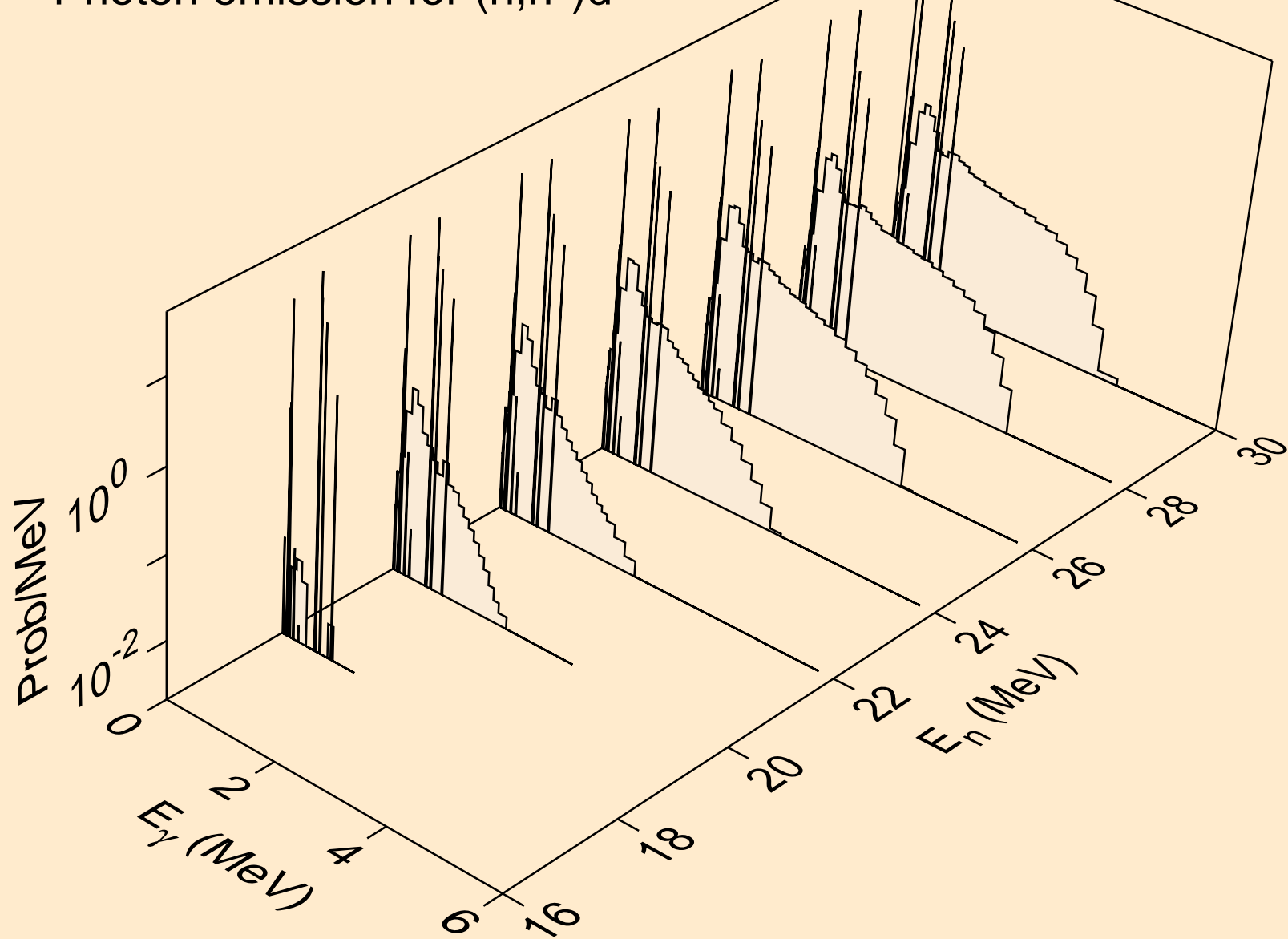
GA063 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



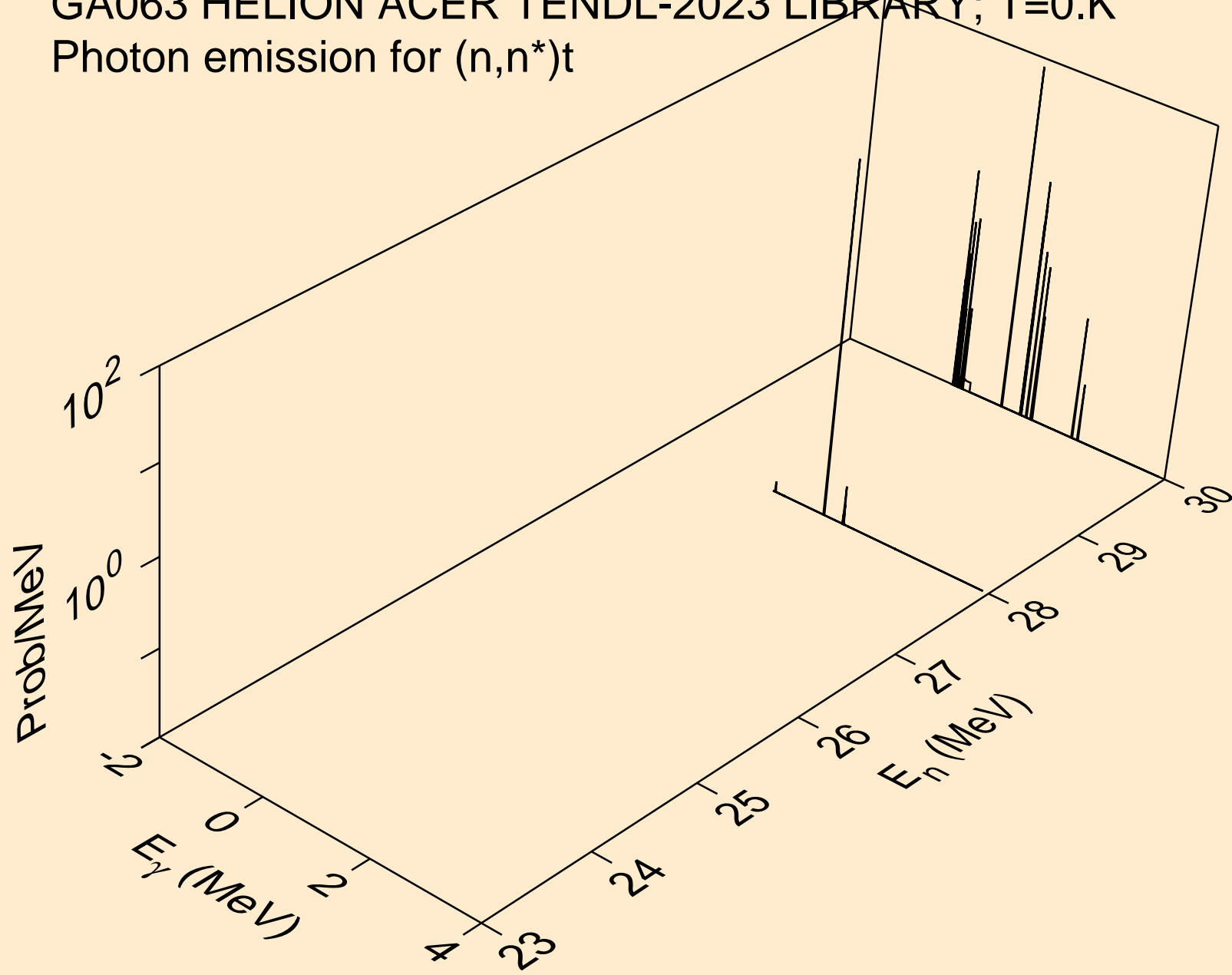
GA063 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



GA063 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

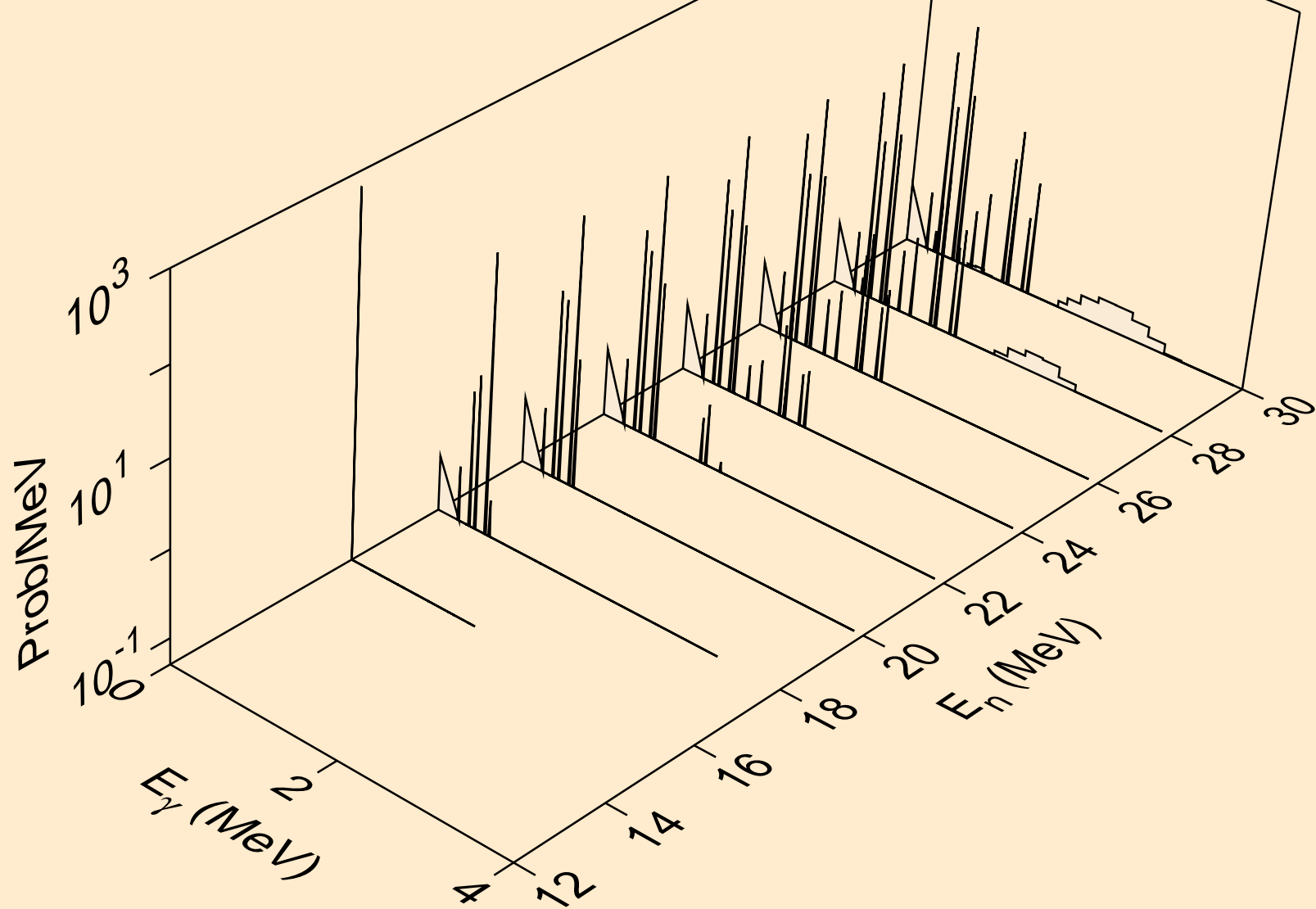


GA063 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

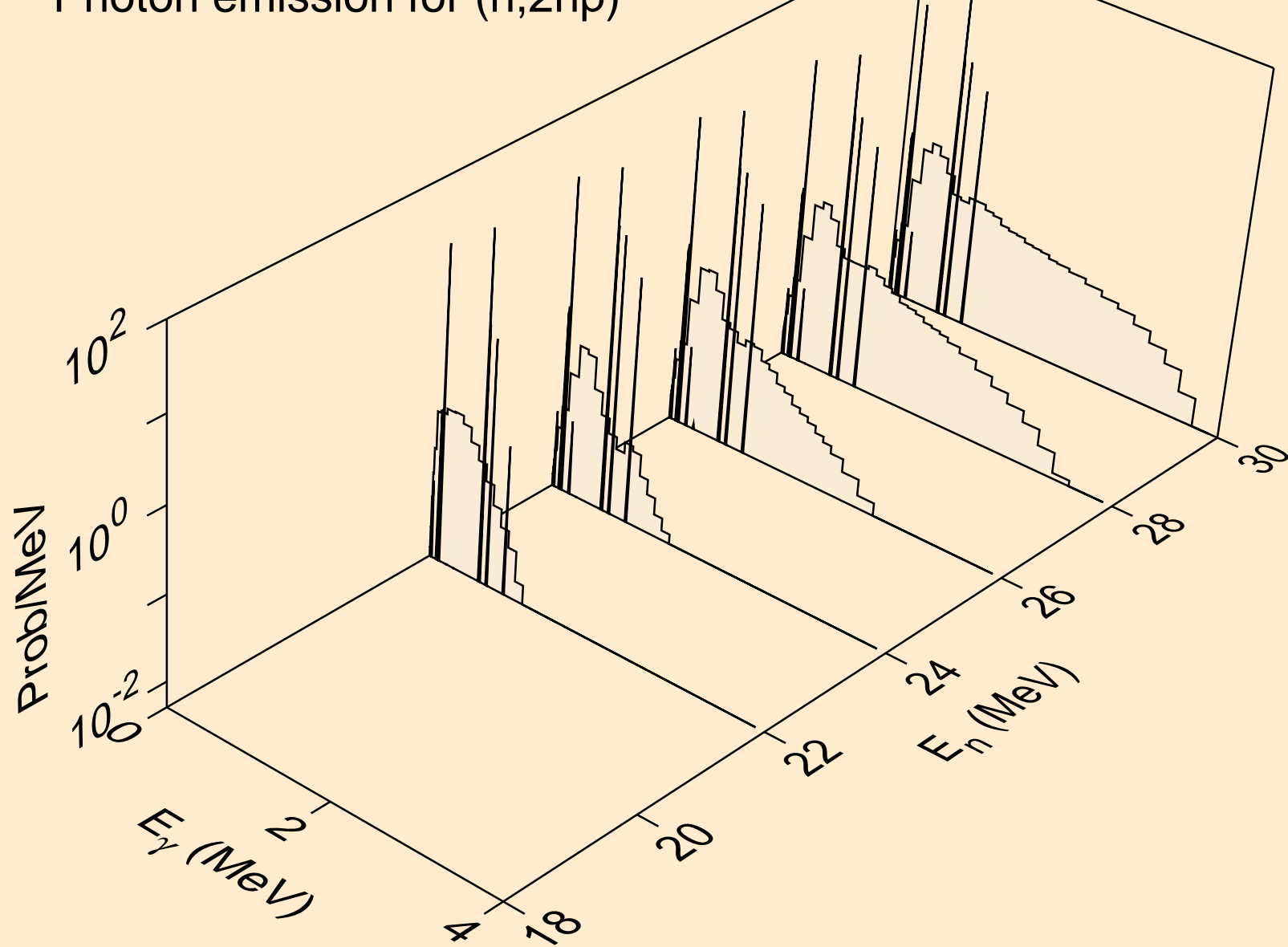




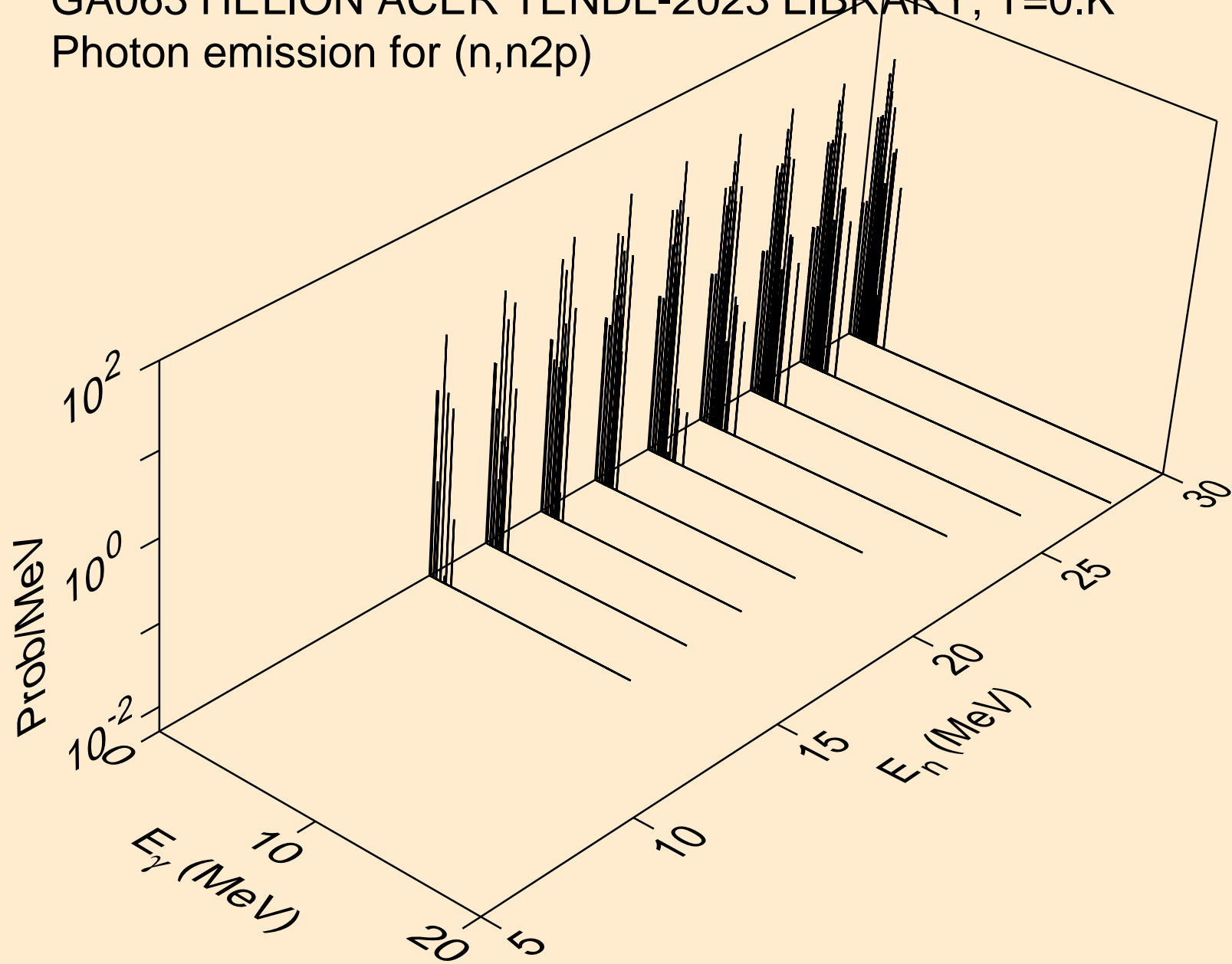
GA063 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



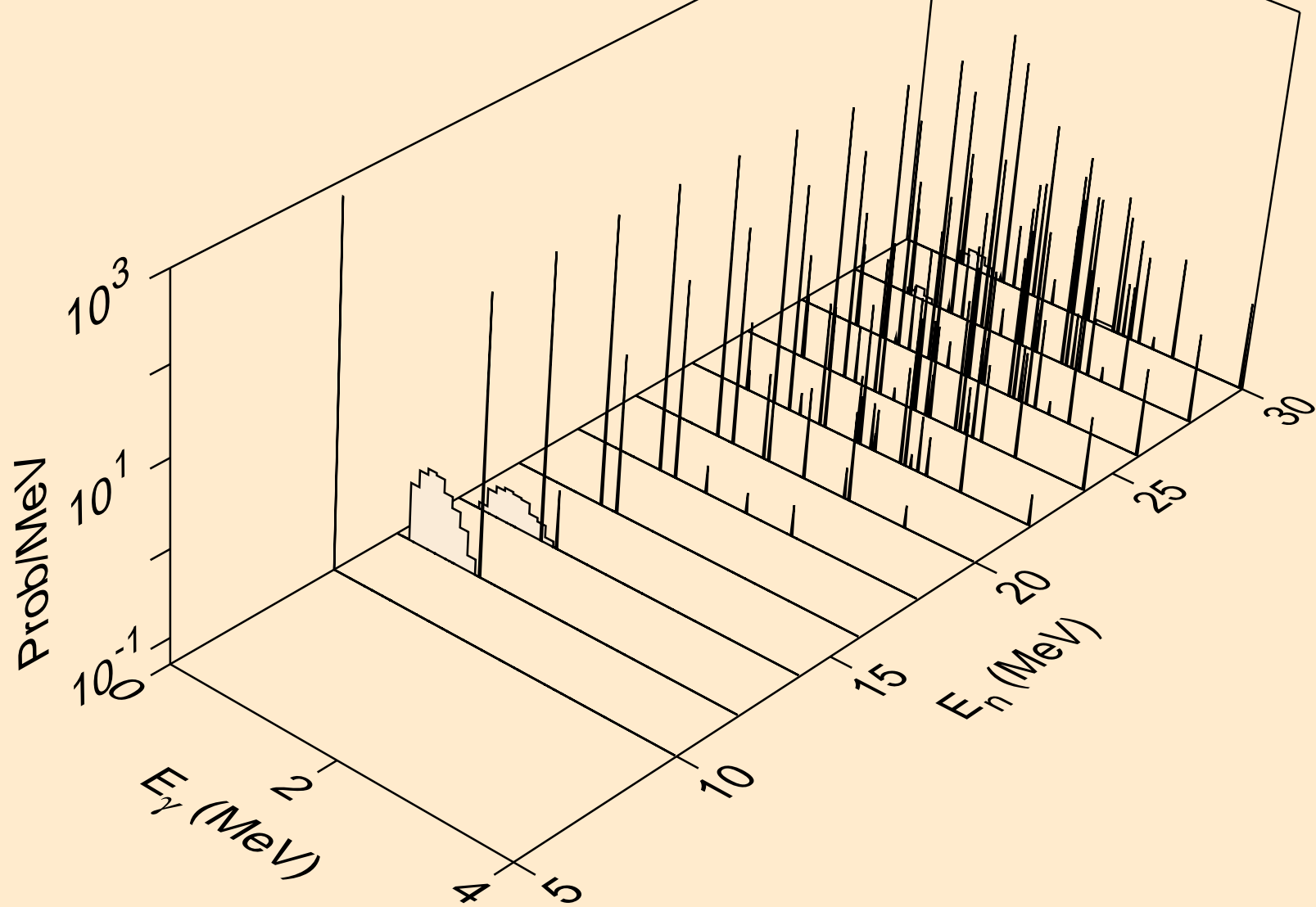
GA063 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



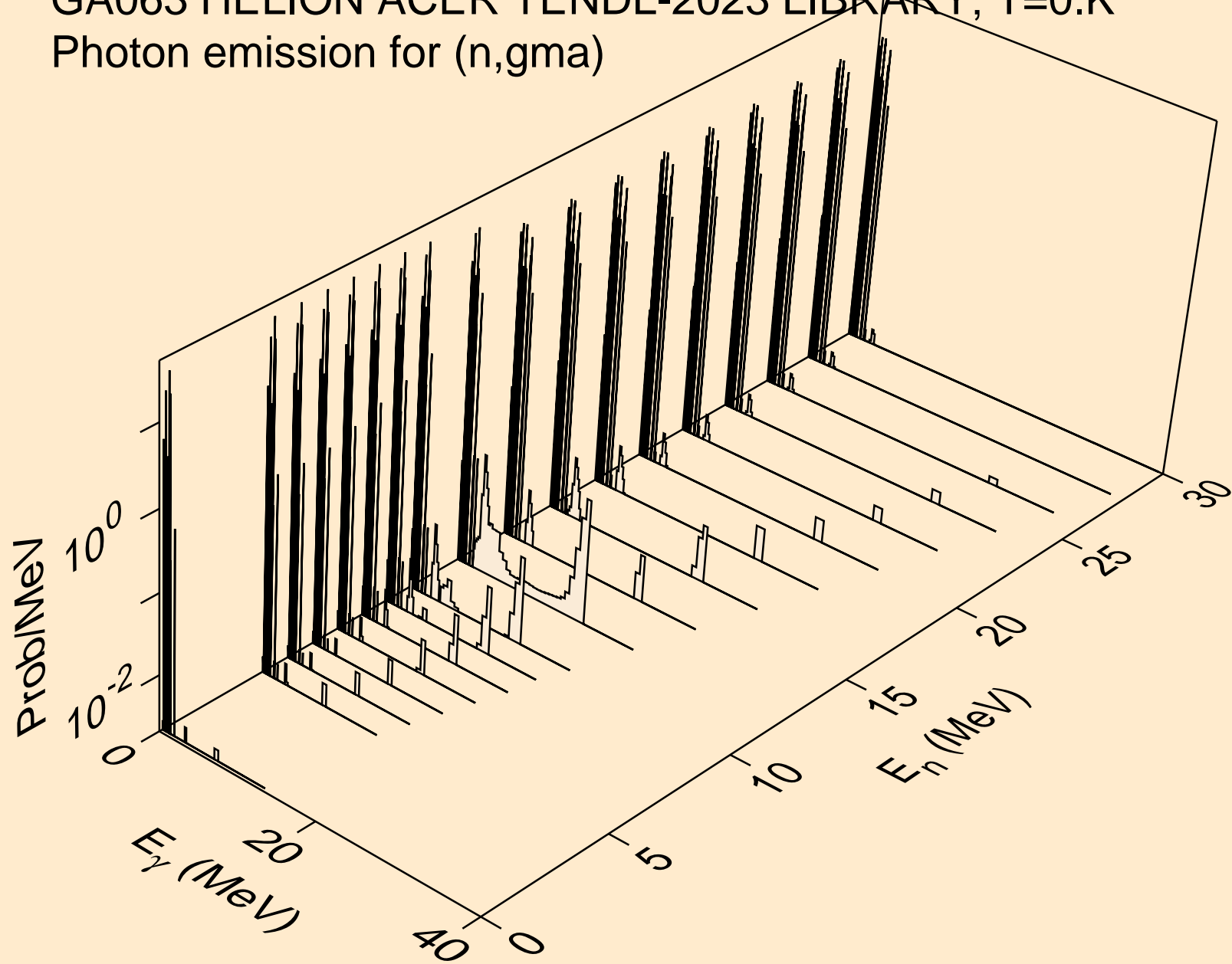
GA063 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



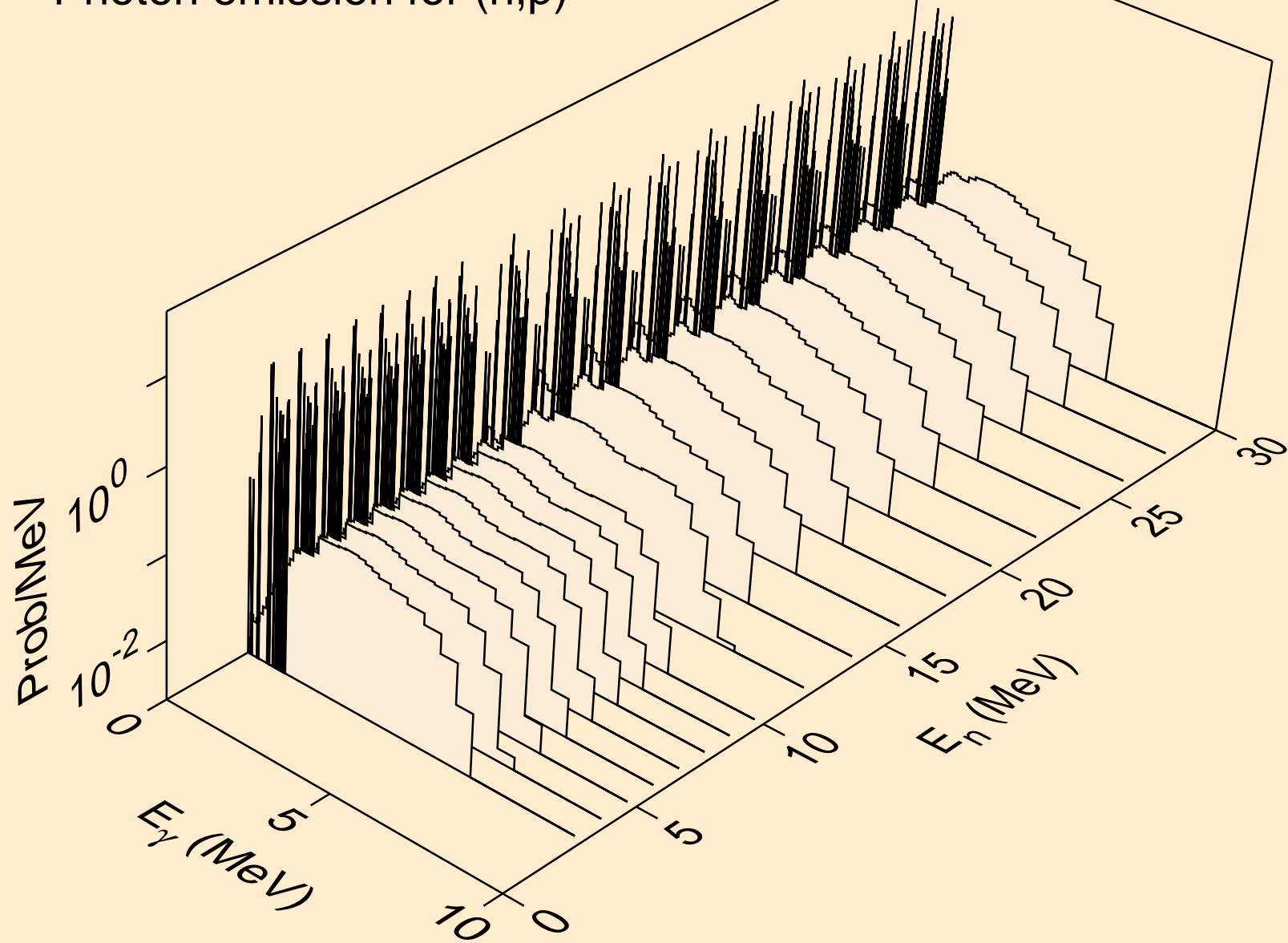
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Photon emission for (n,npa)



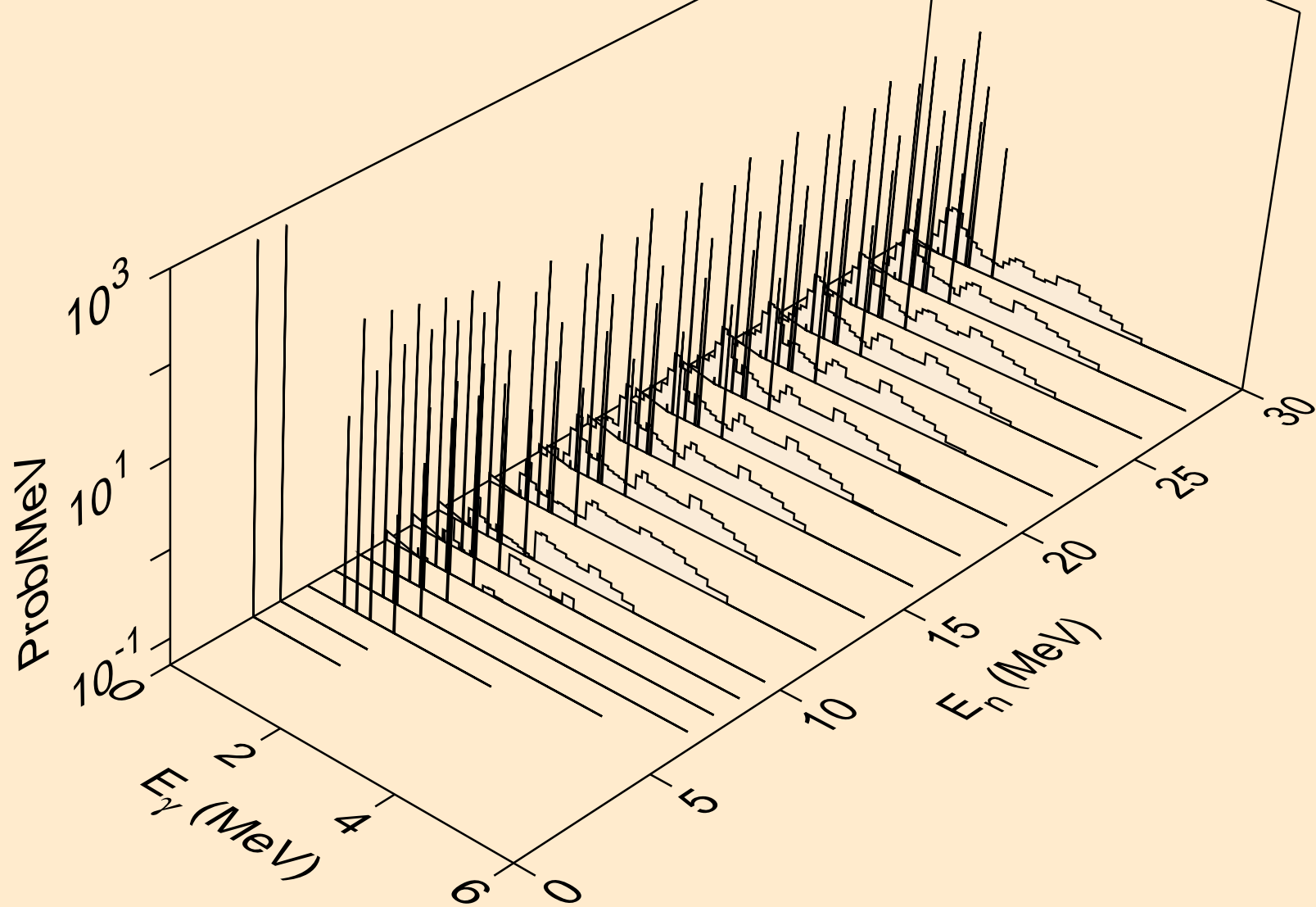
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Photon emission for (n,gma)



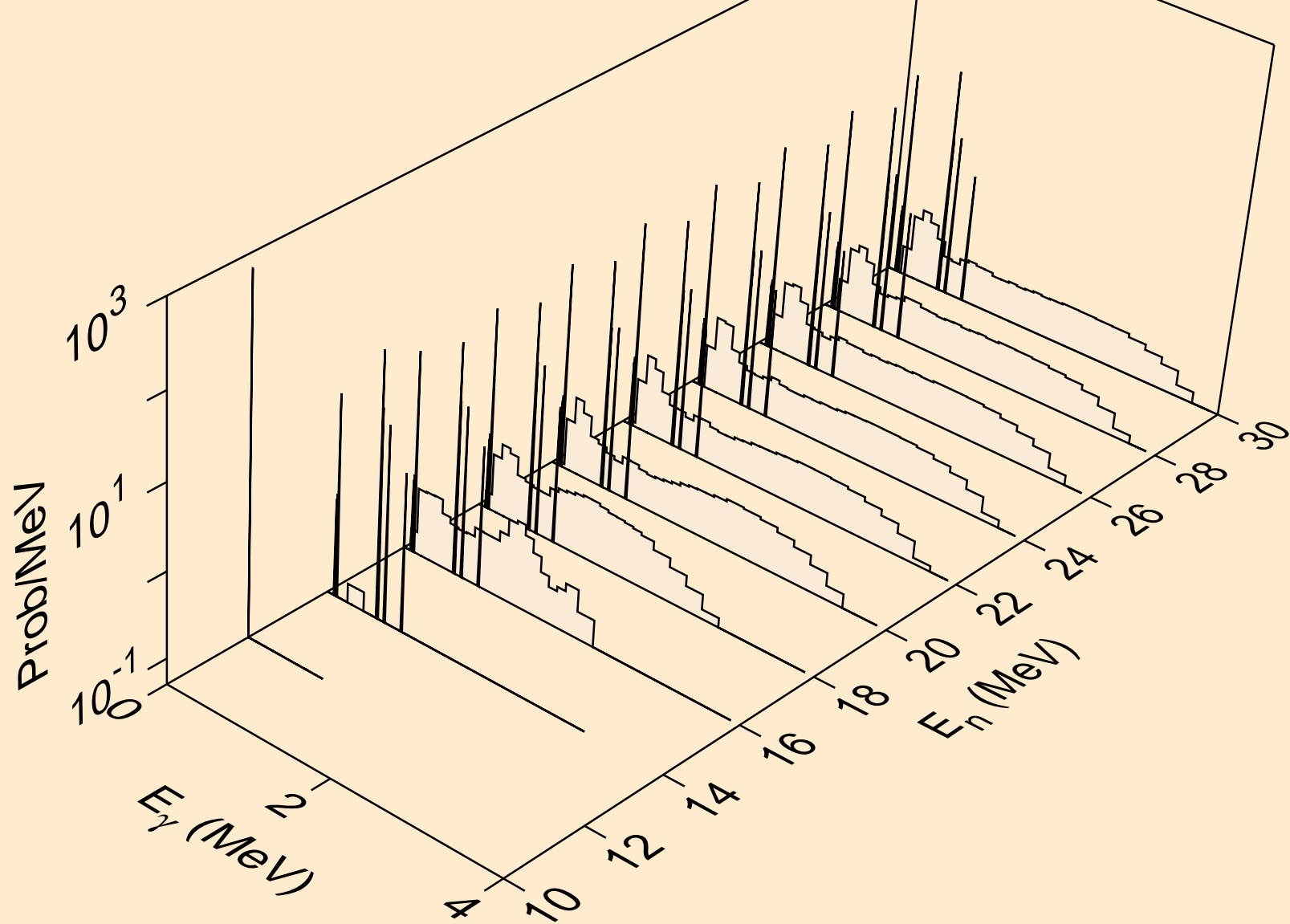
GA063 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



GA063 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)

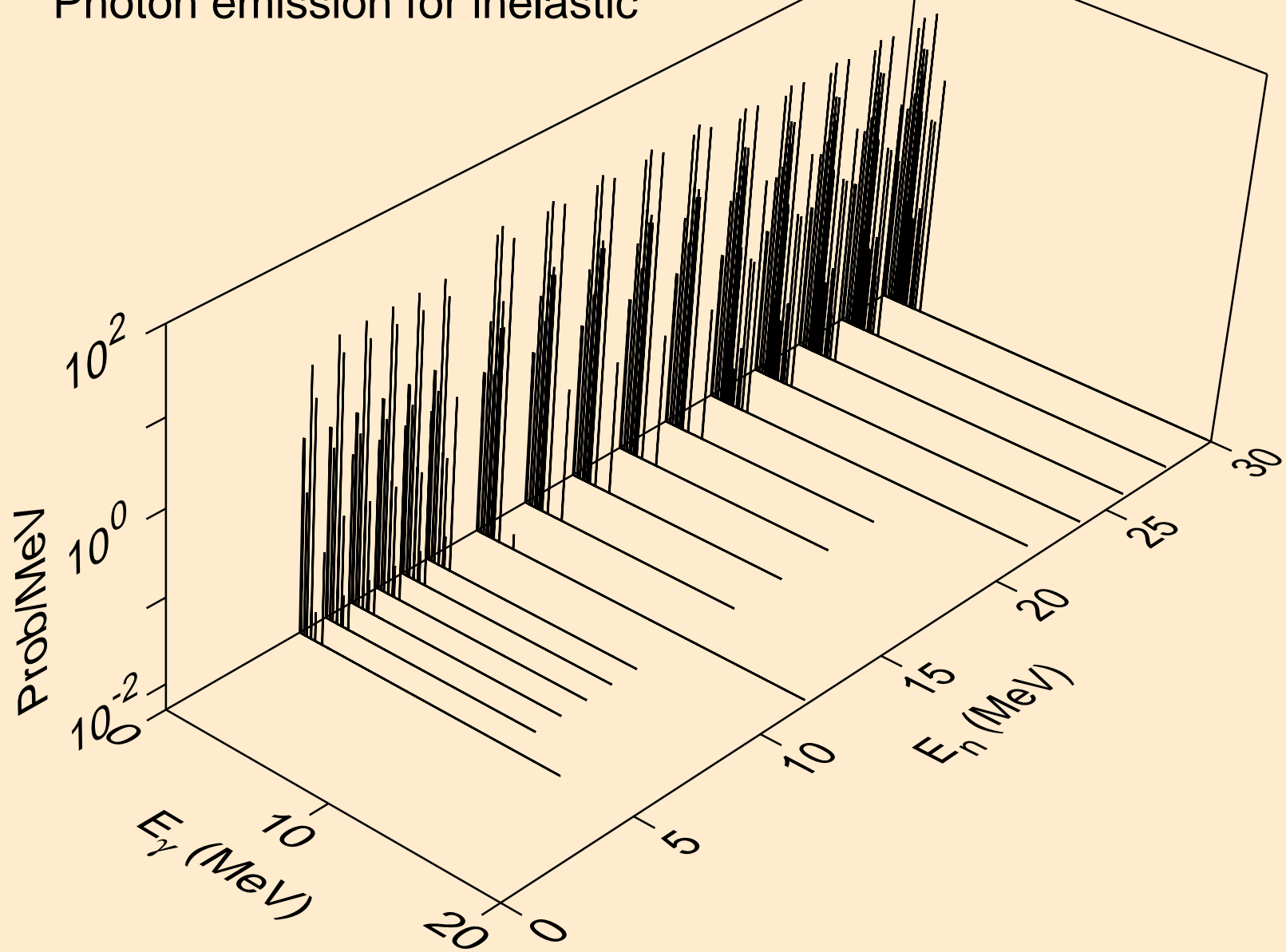


GA063 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)

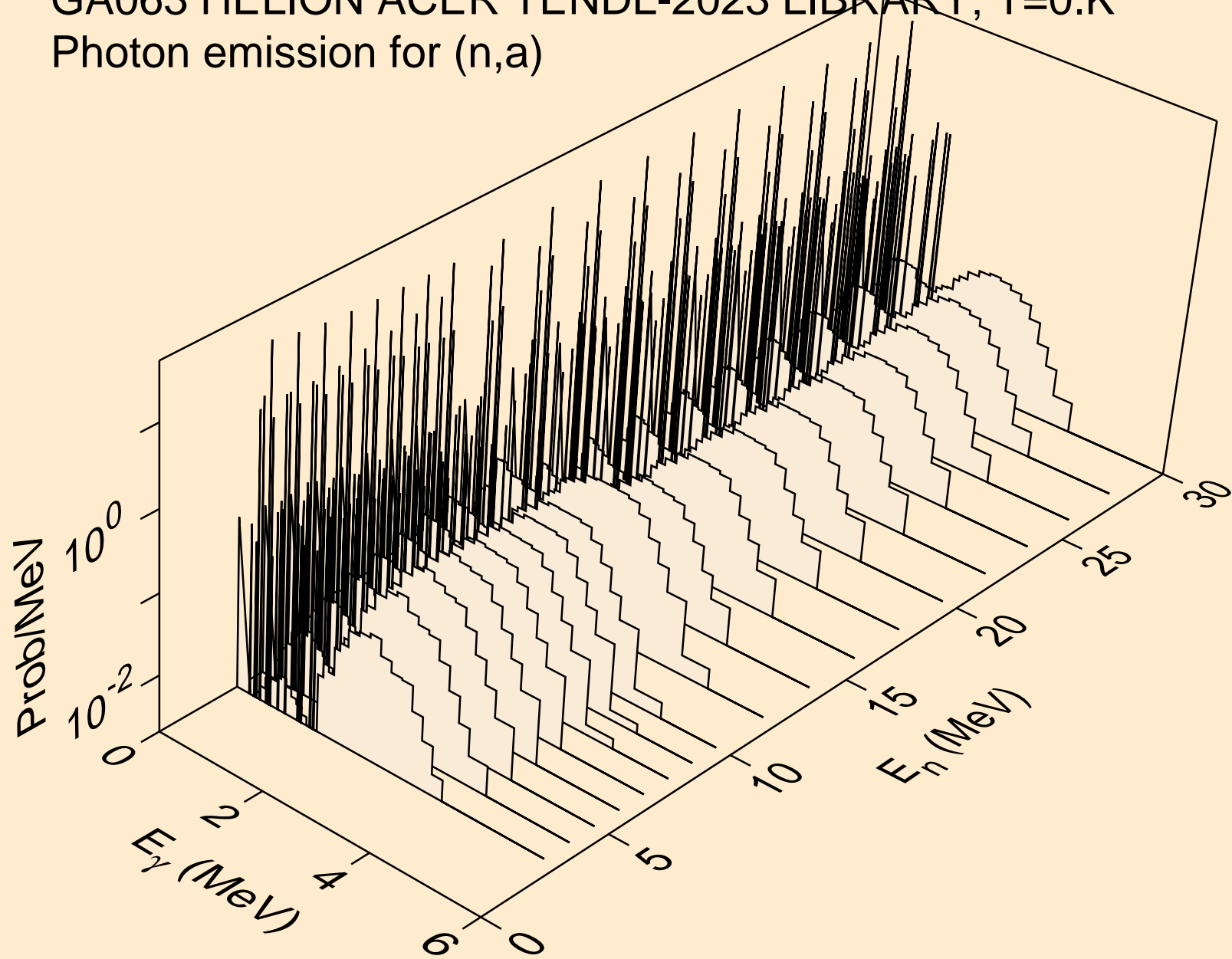




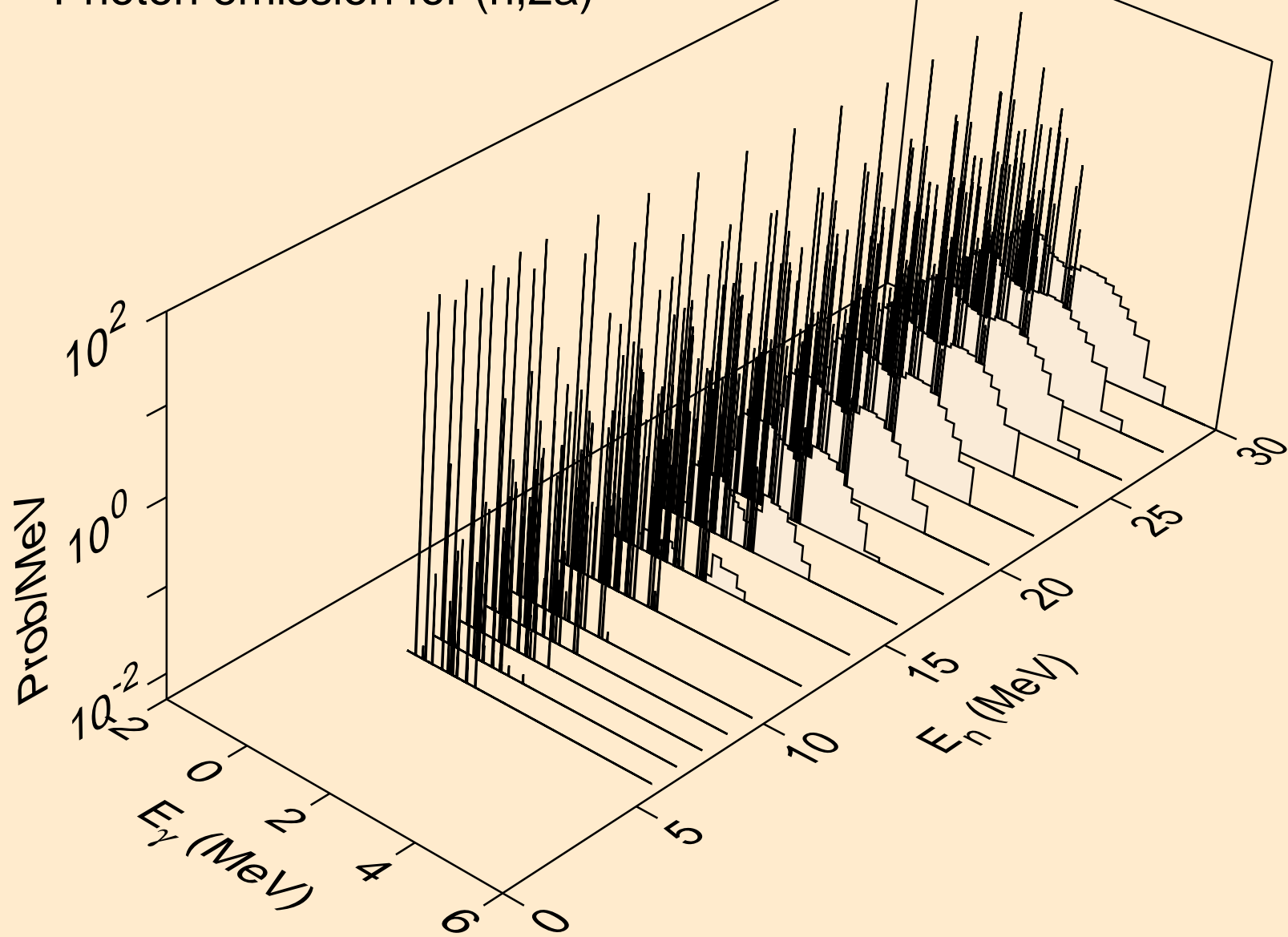
GA063 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



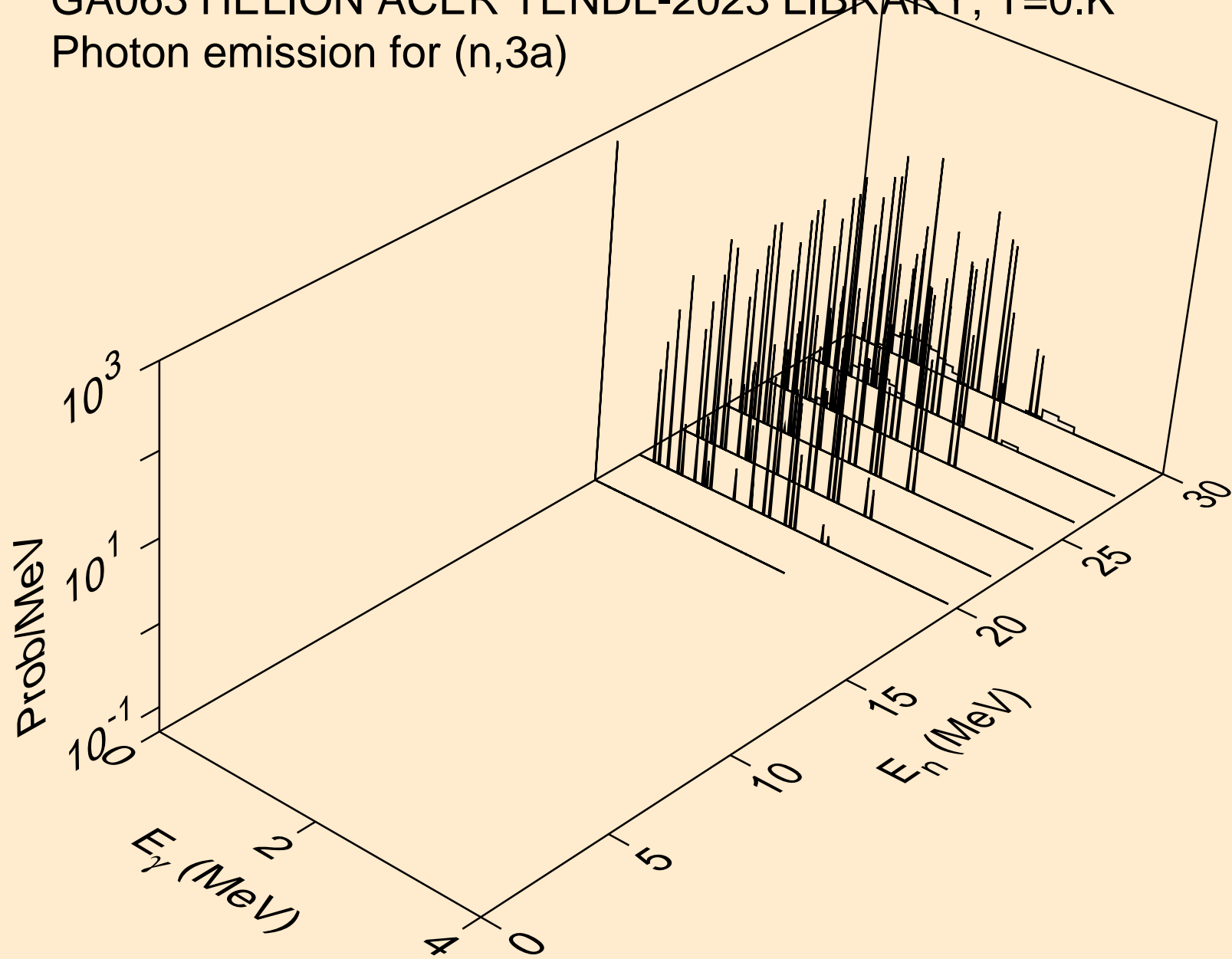
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Photon emission for (n,a)



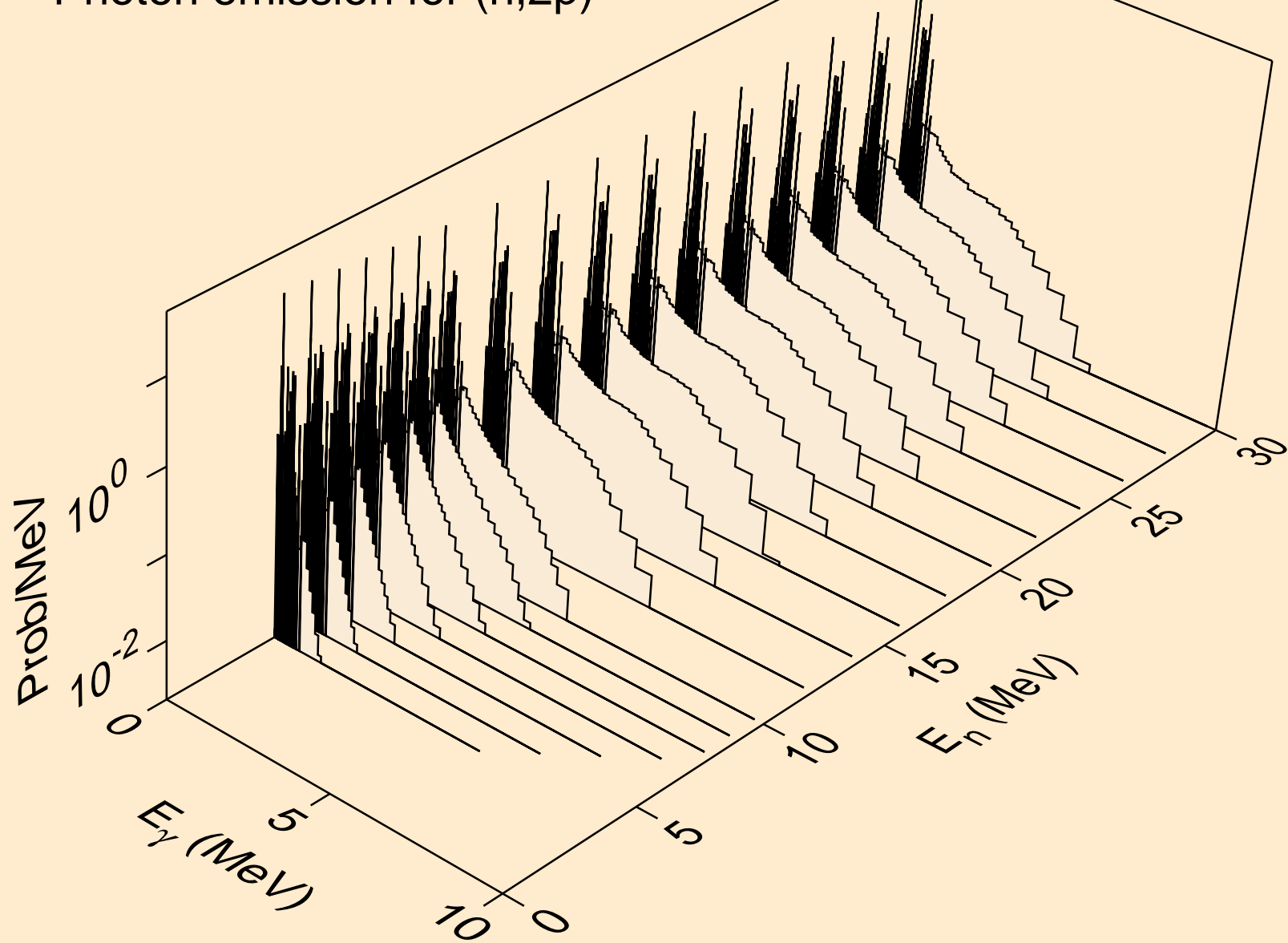
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Photon emission for (n,2a)



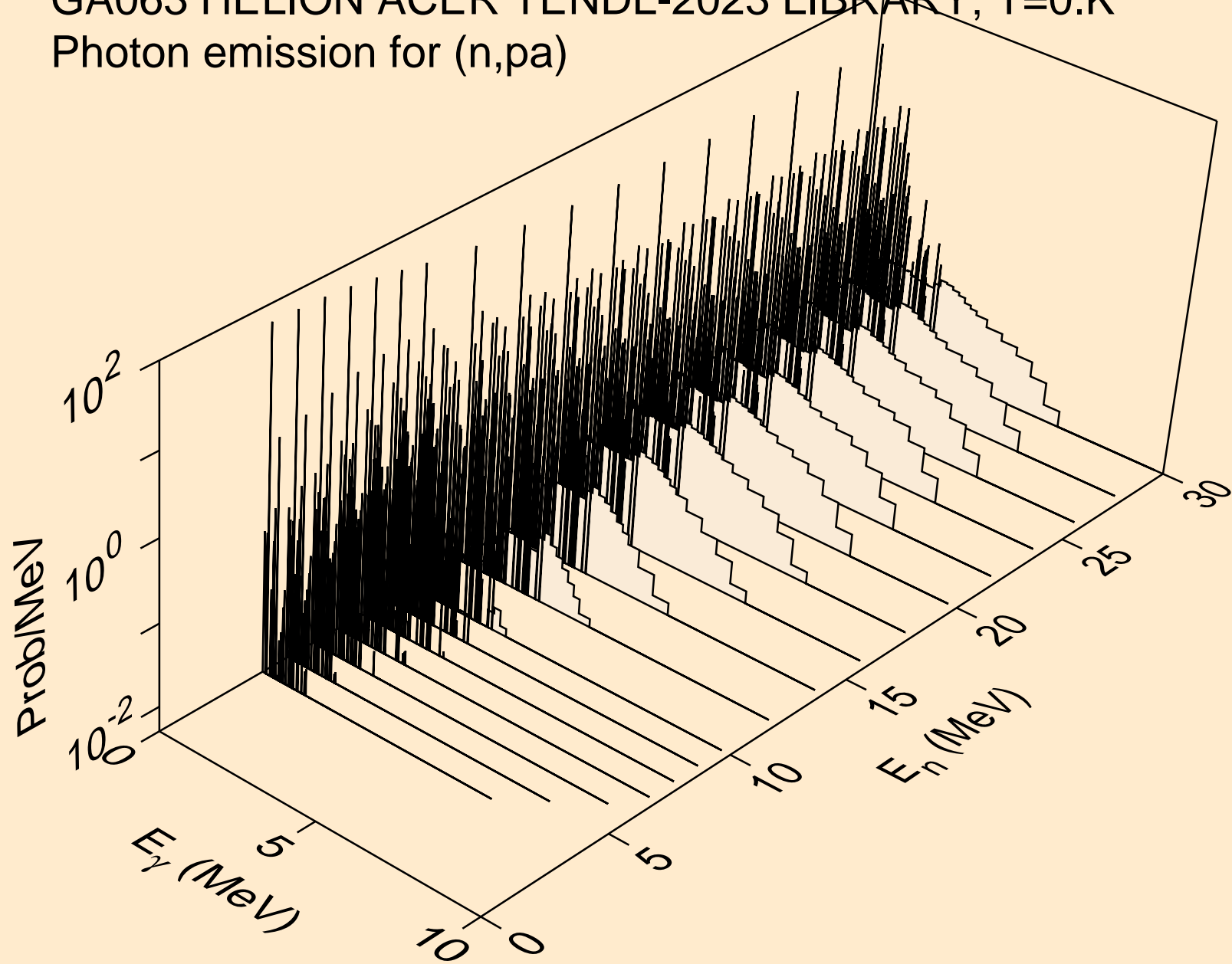
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Photon emission for (n,3a)



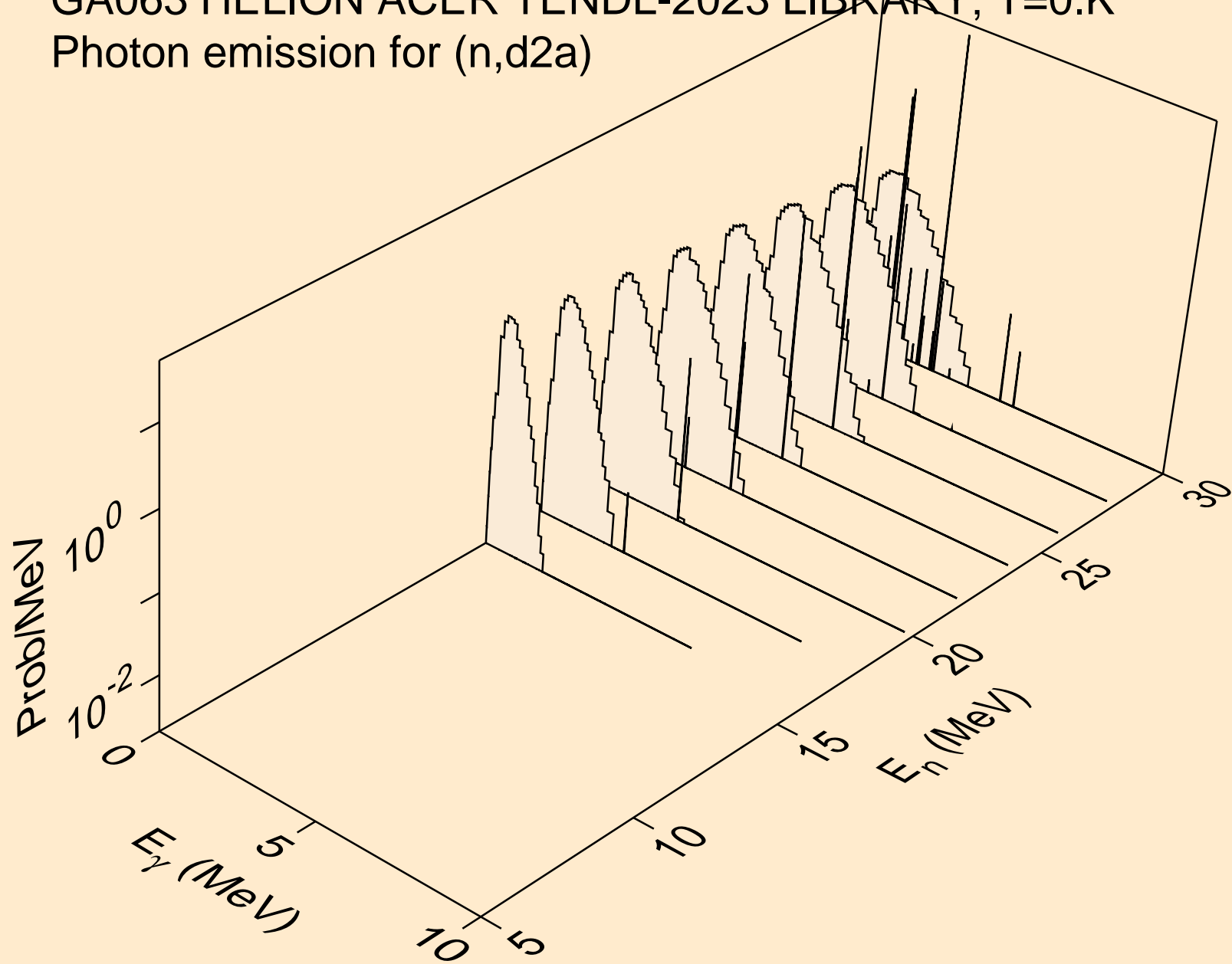
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Photon emission for (n,2p)



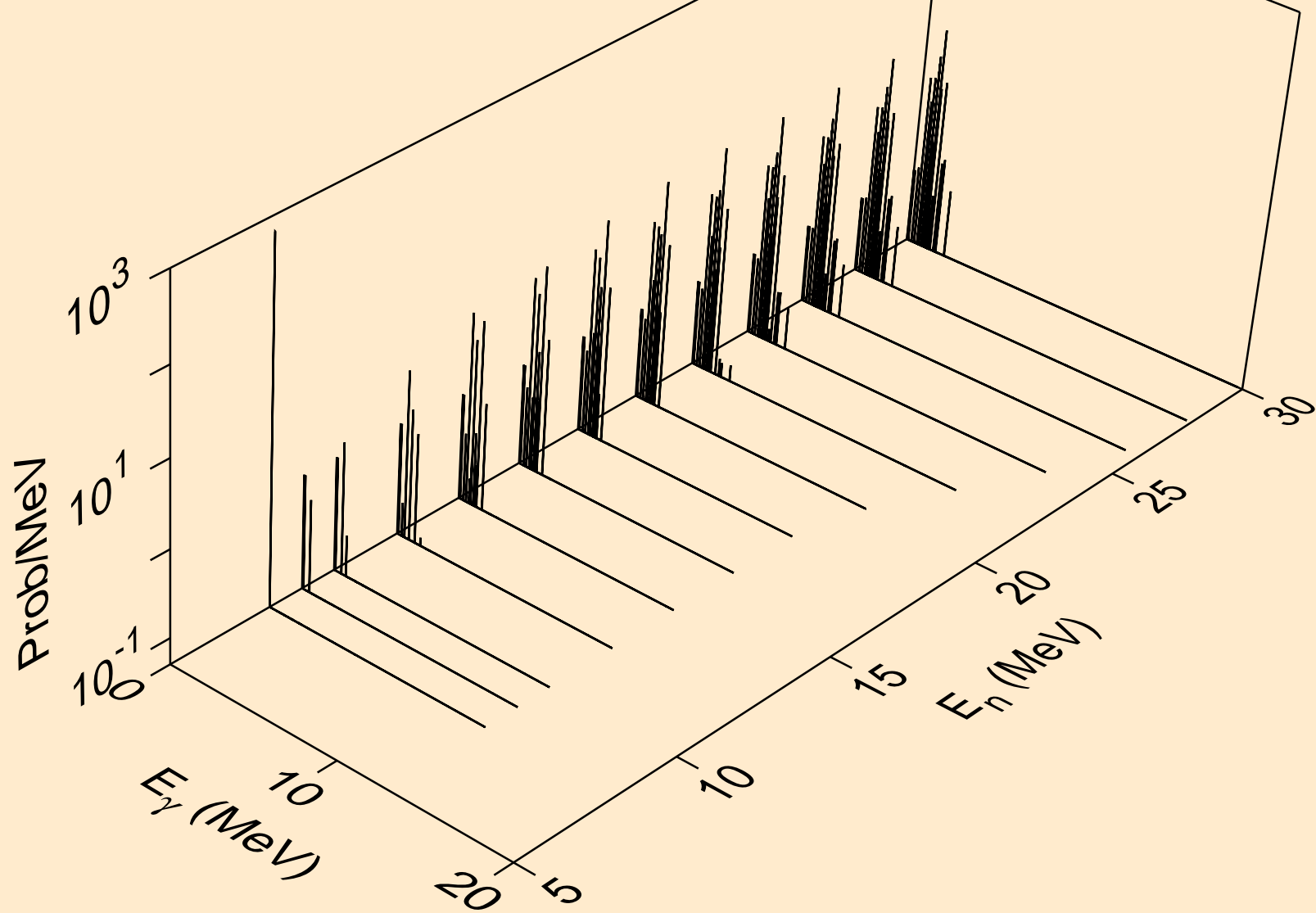
GA063 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



GA063 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d2a)

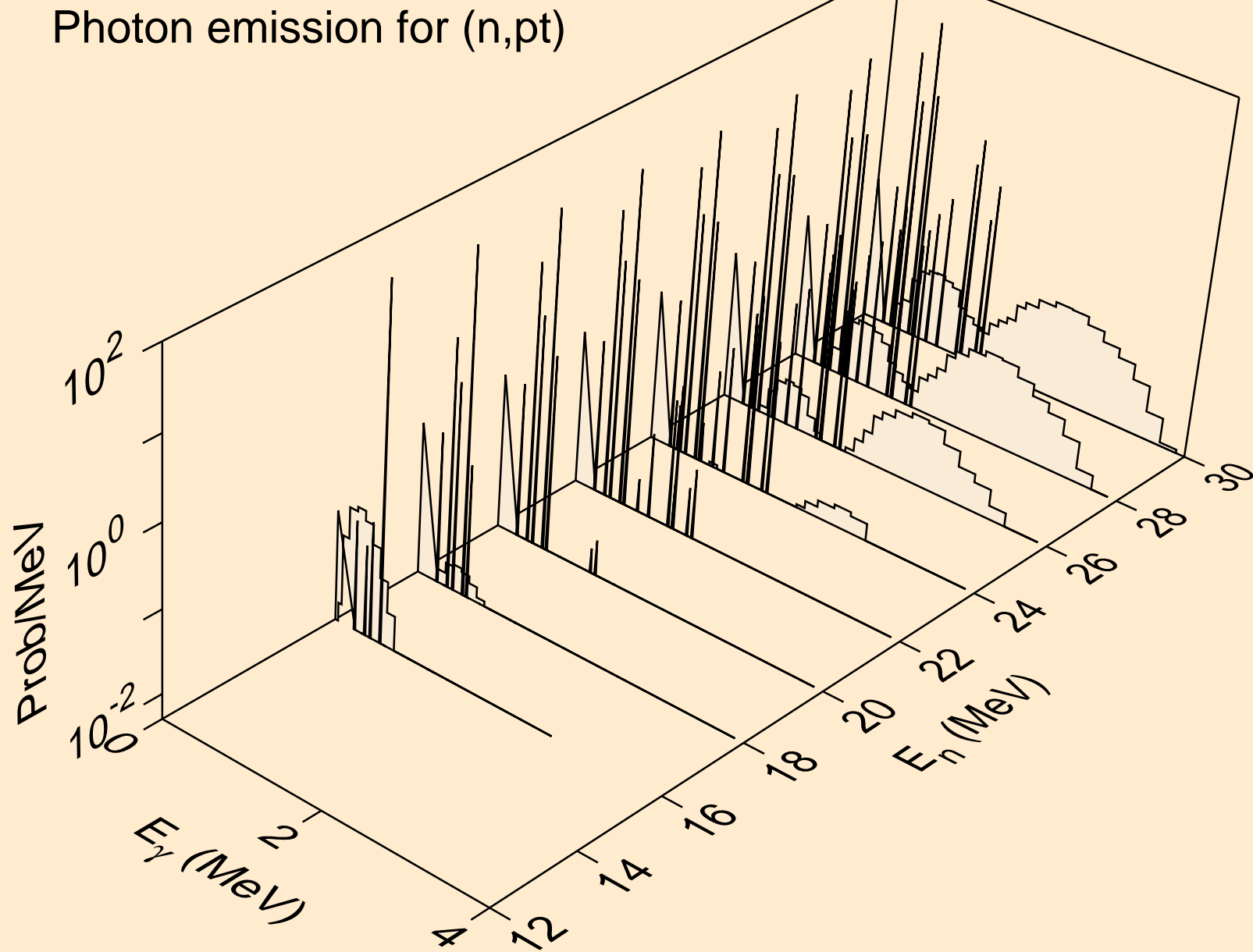


GA063 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)

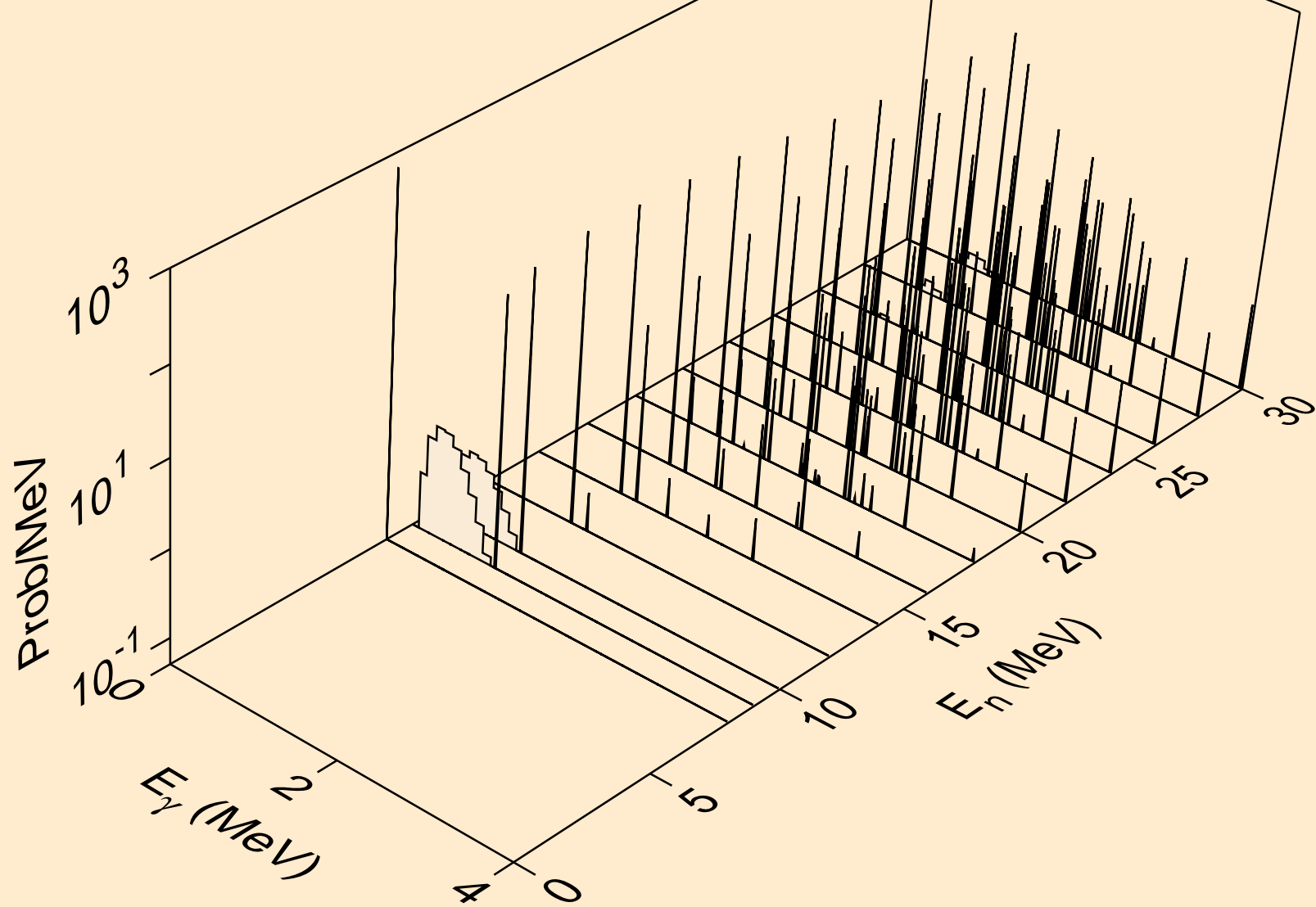




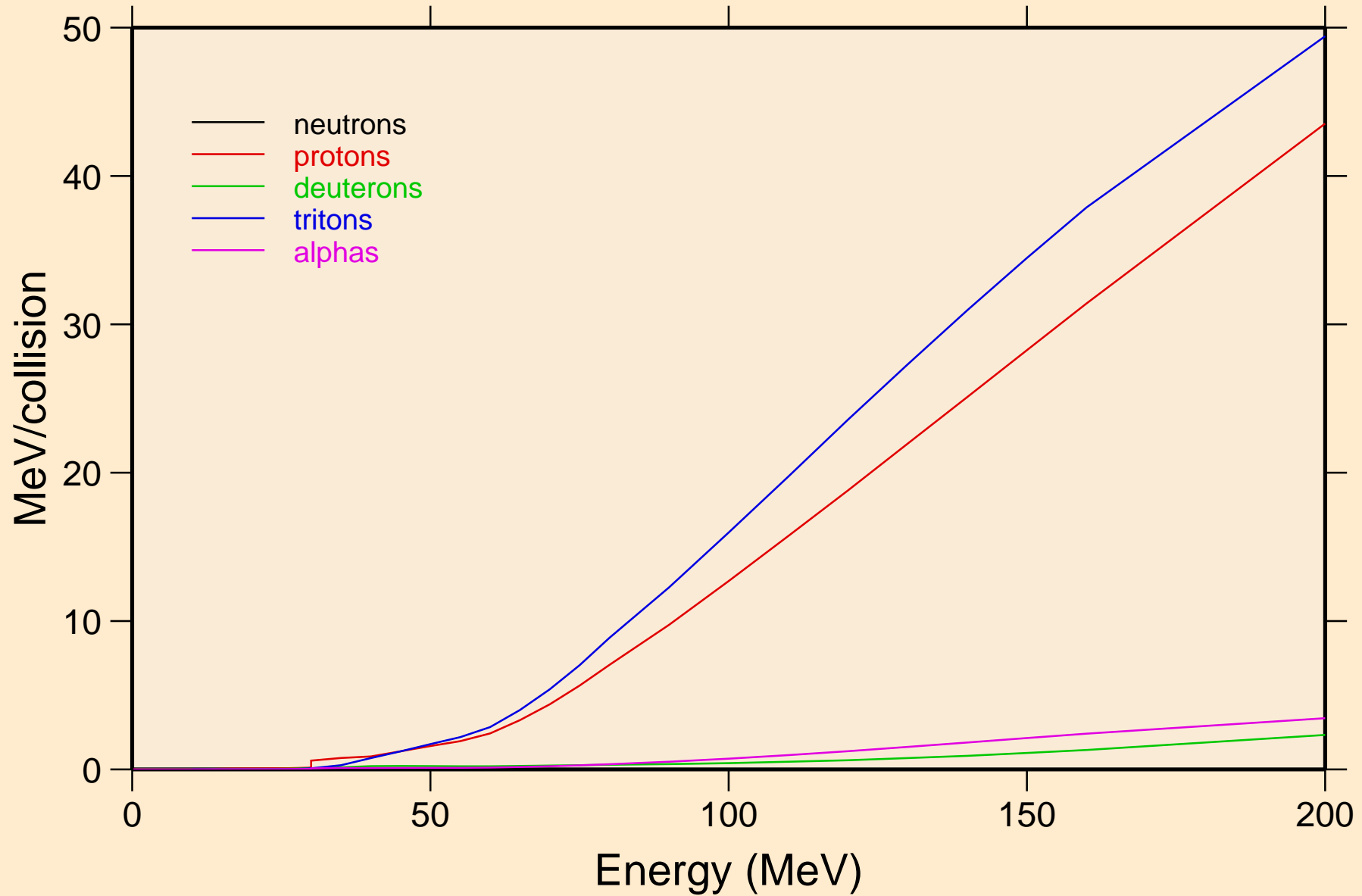
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Photon emission for (n,pt)



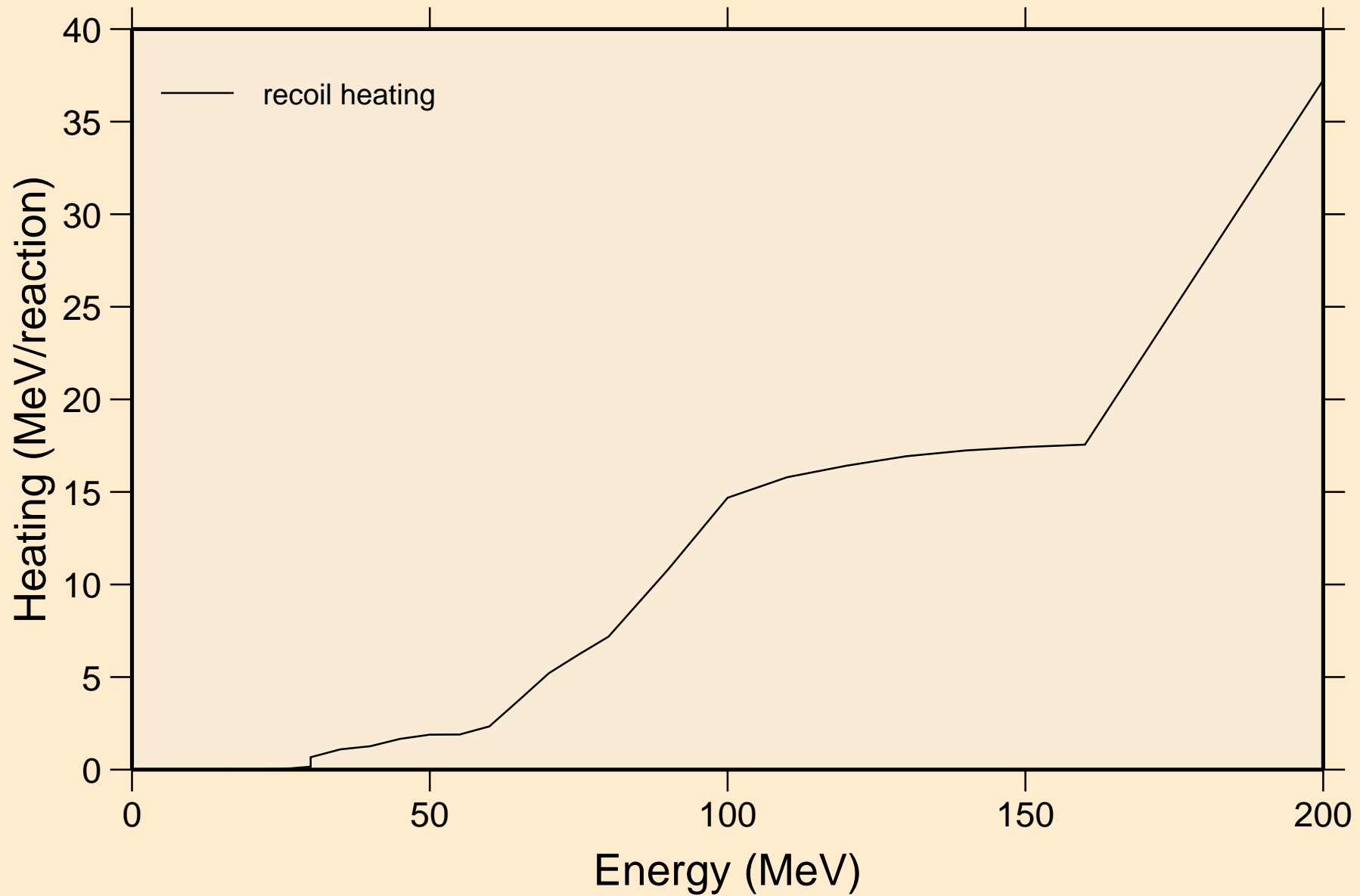
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Photon emission for (n,da)



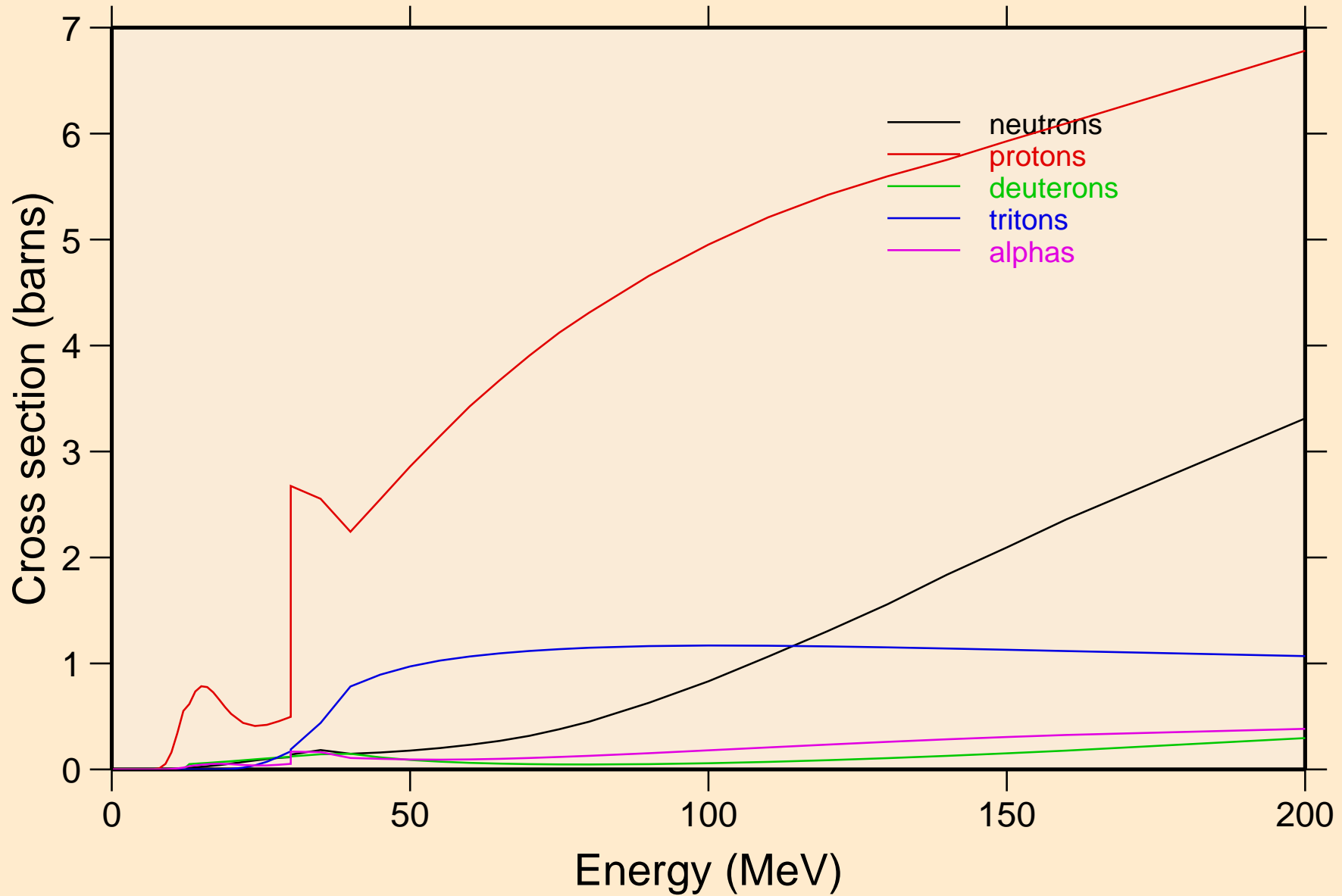
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Particle heating contributions



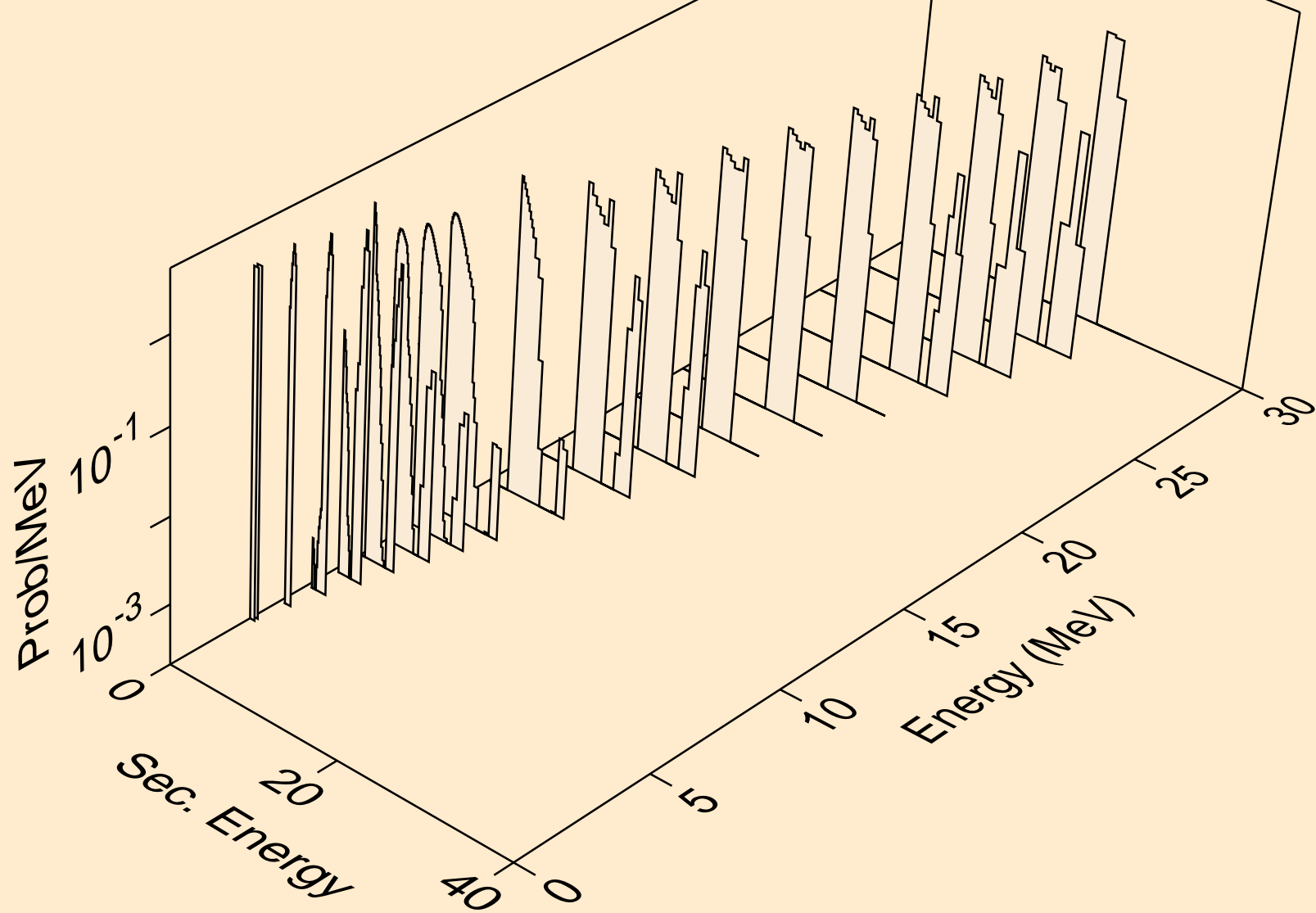
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Recoil Heating



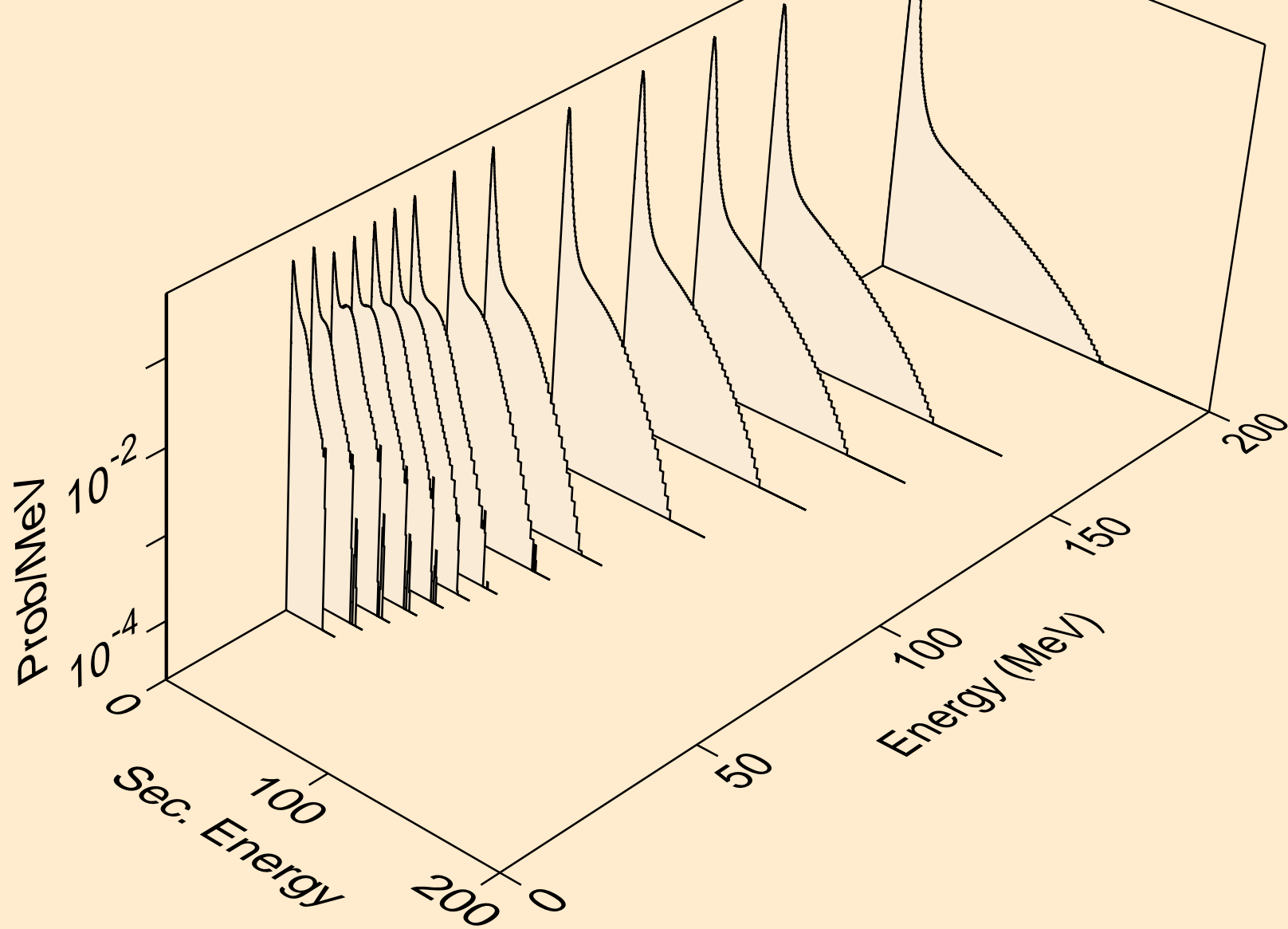
GA063 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



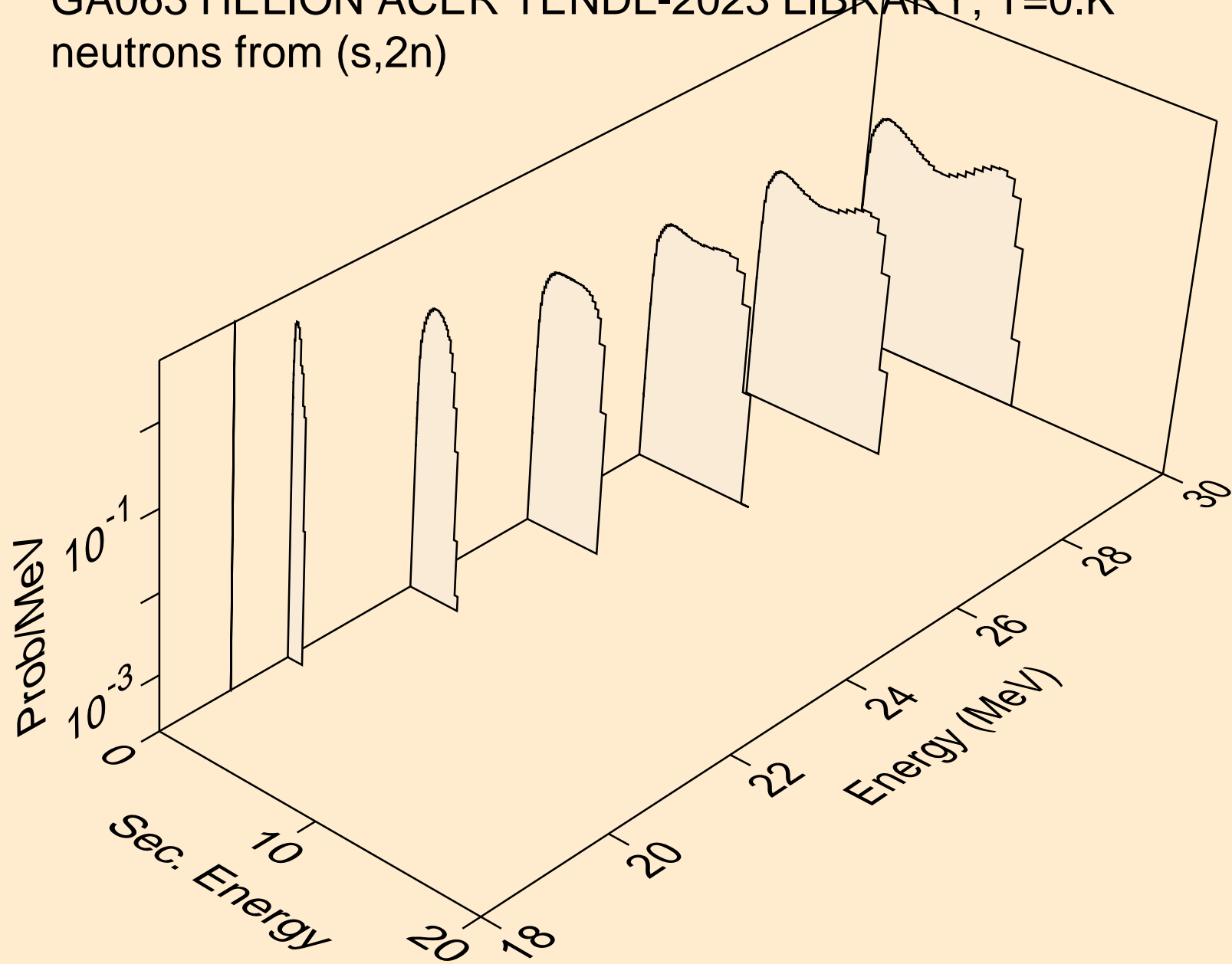
GA063 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n)



GA063 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,x)

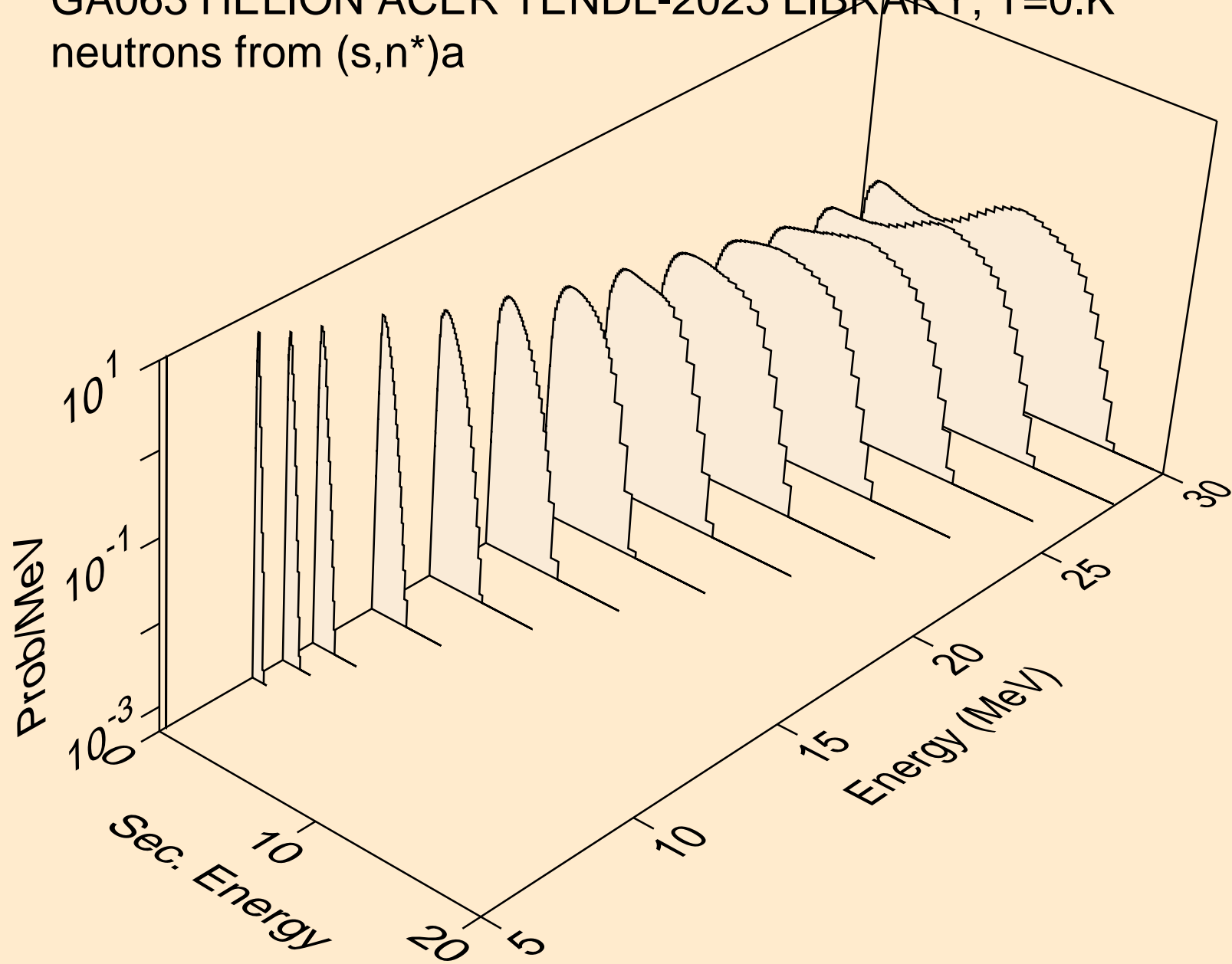


GA063 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)

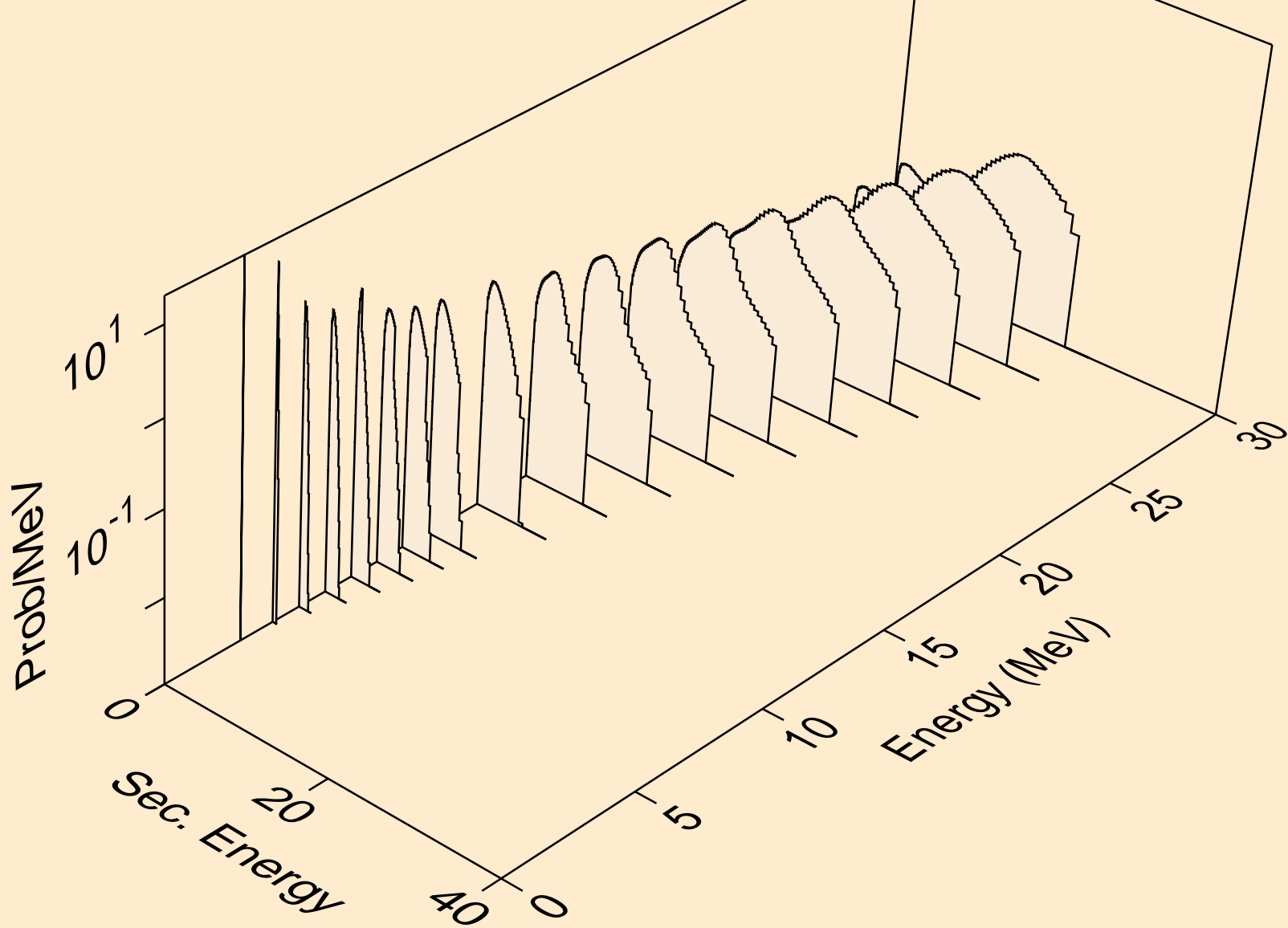




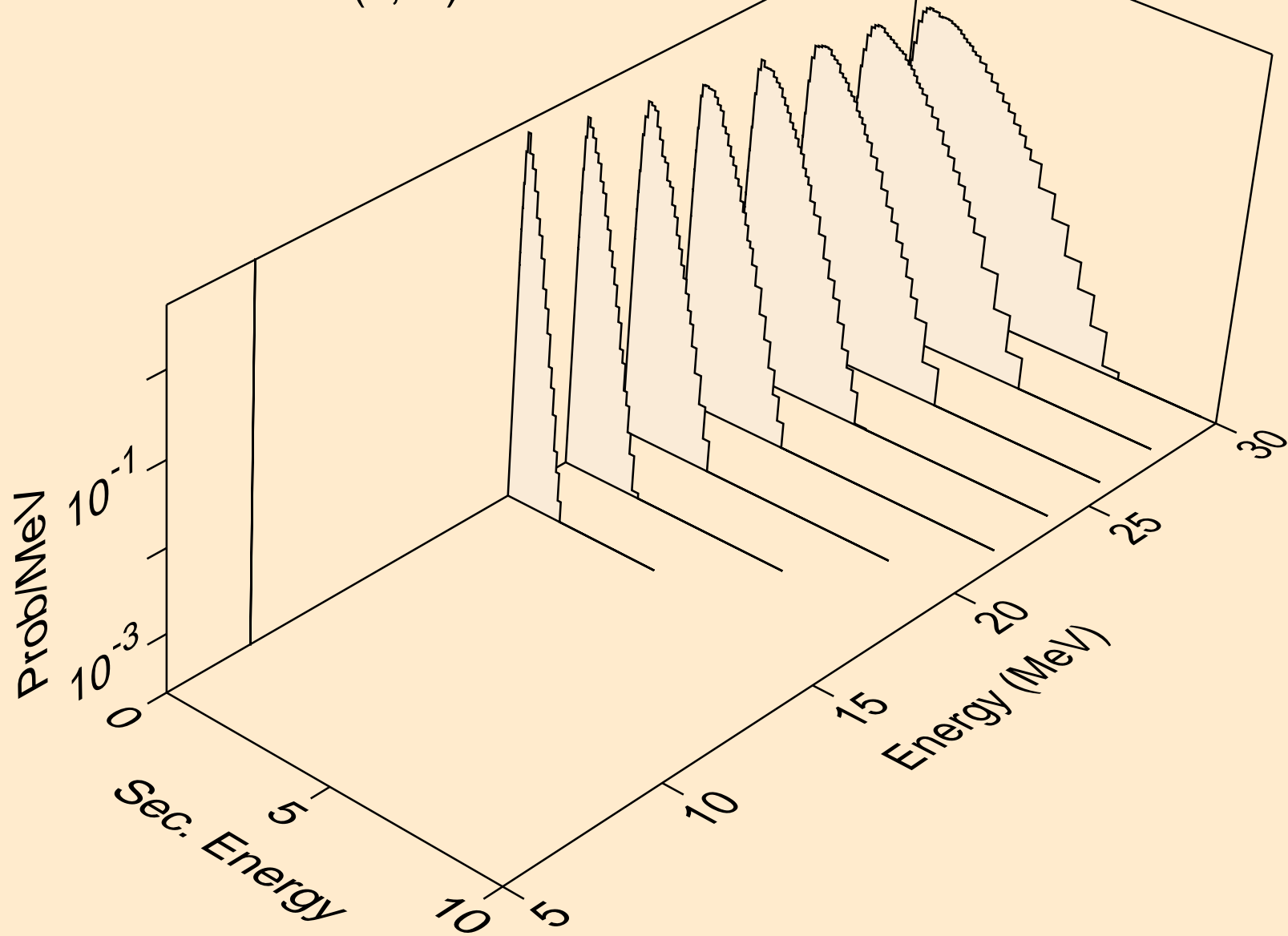
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neutrons from (s,n\*)a



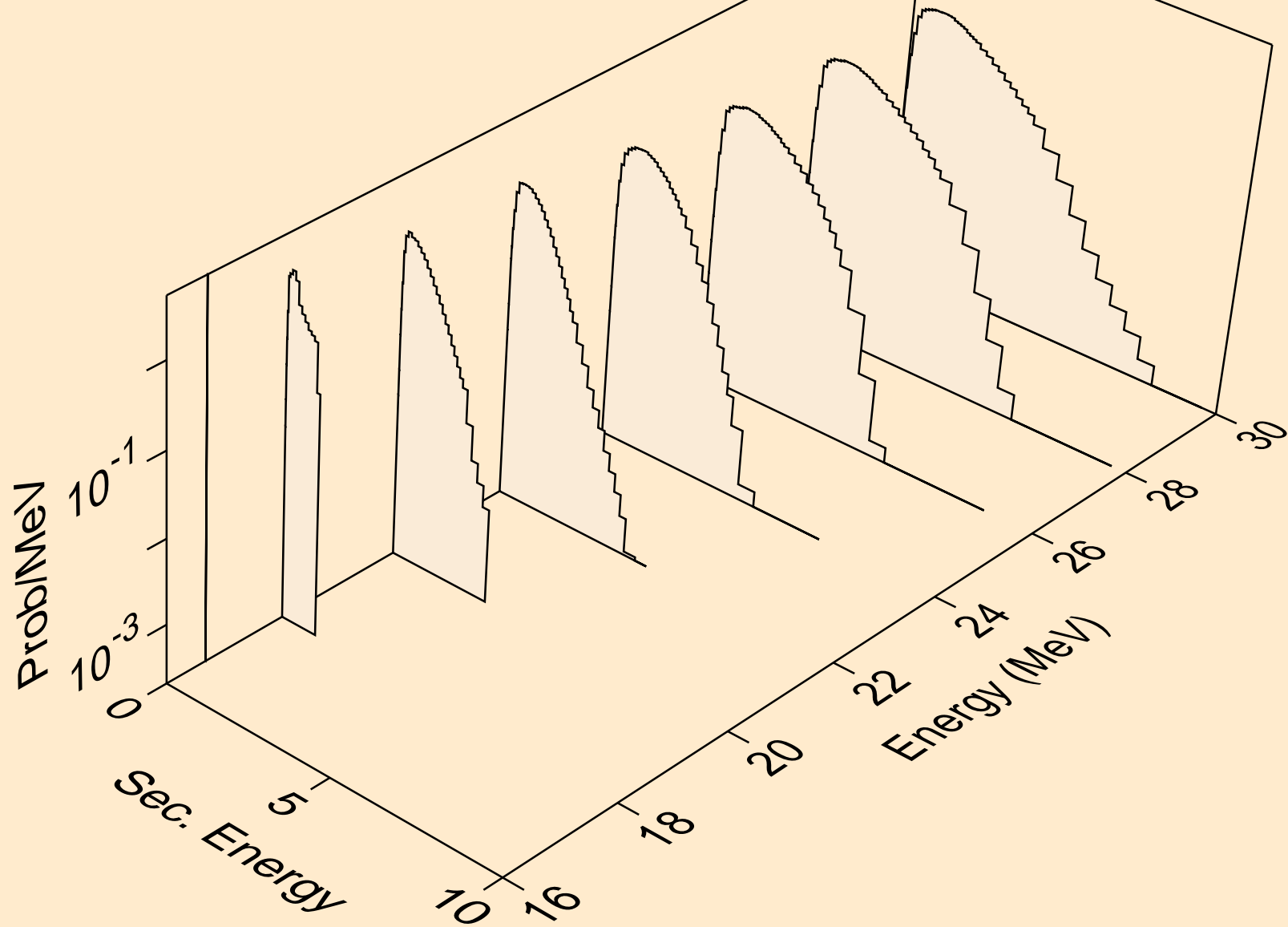
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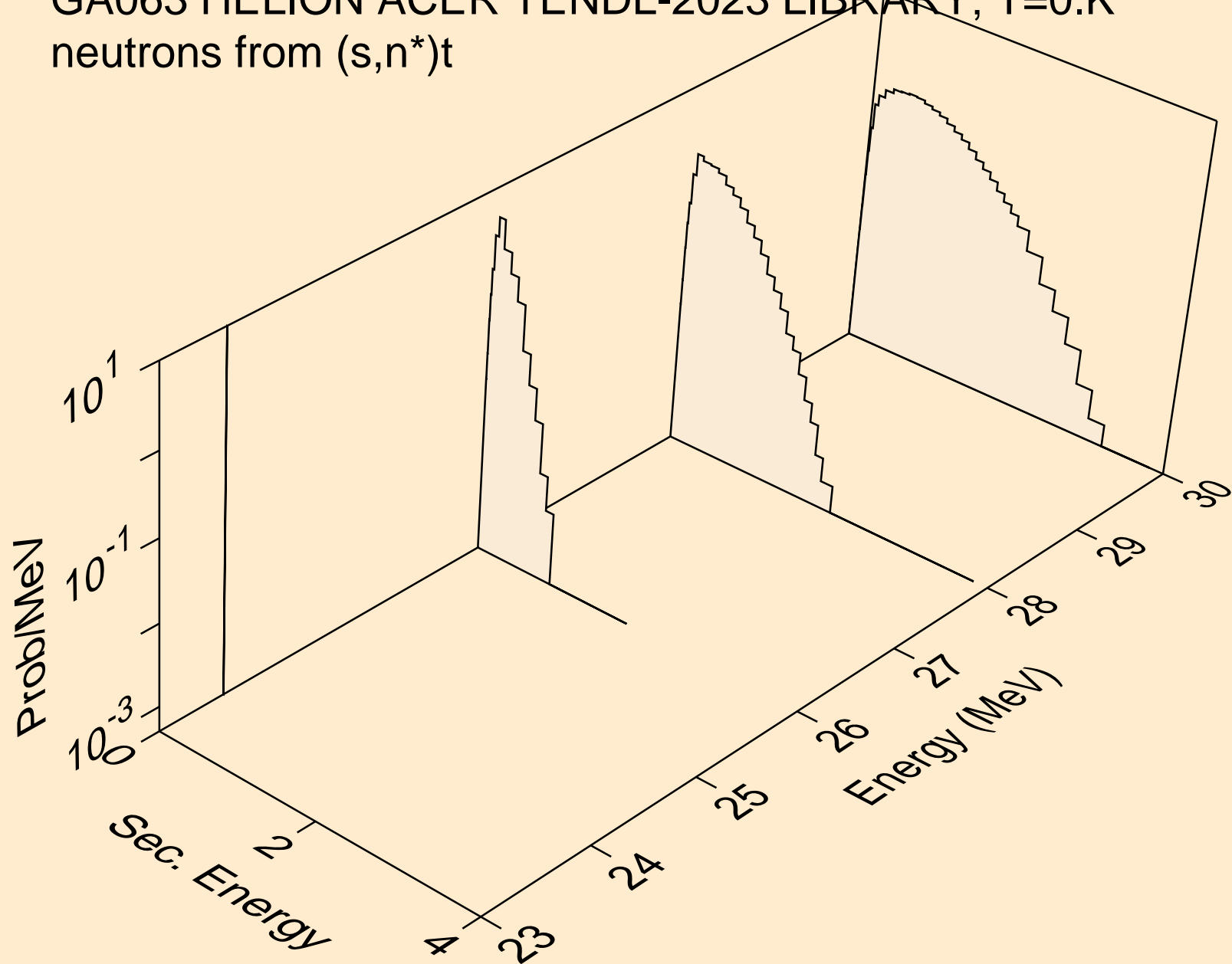
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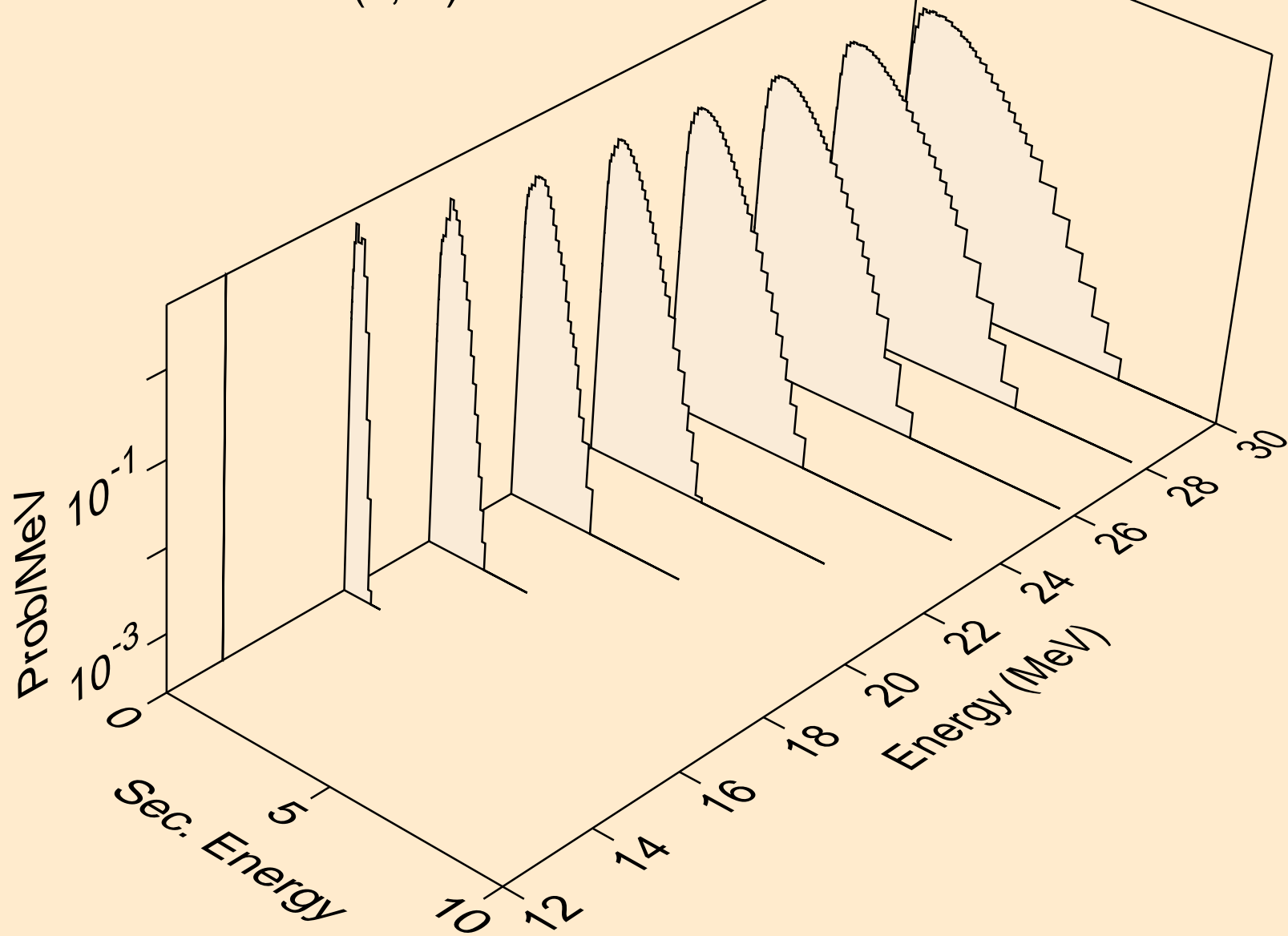
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neutrons from (s,n\*)d



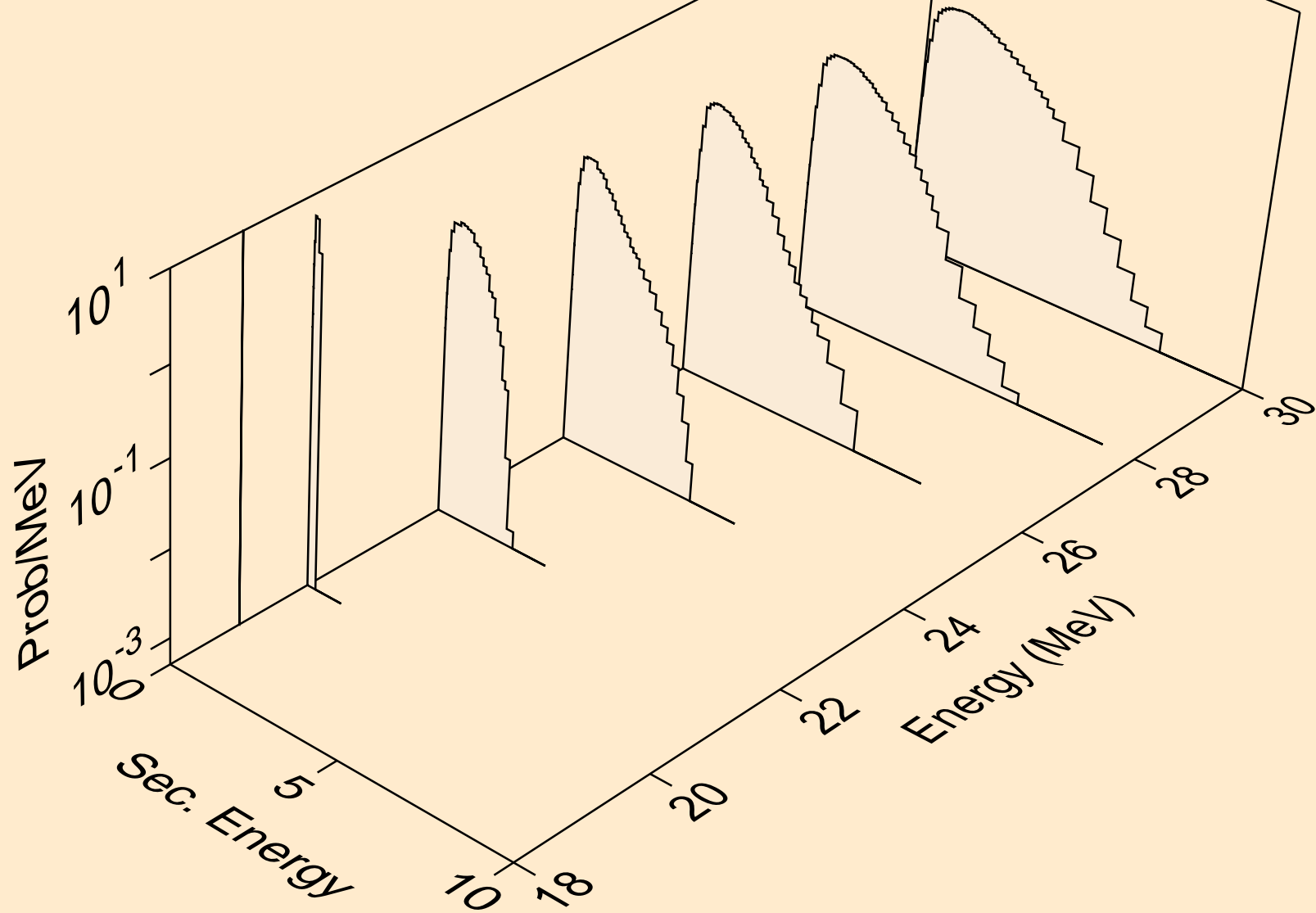
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neutrons from (s,n\*)t



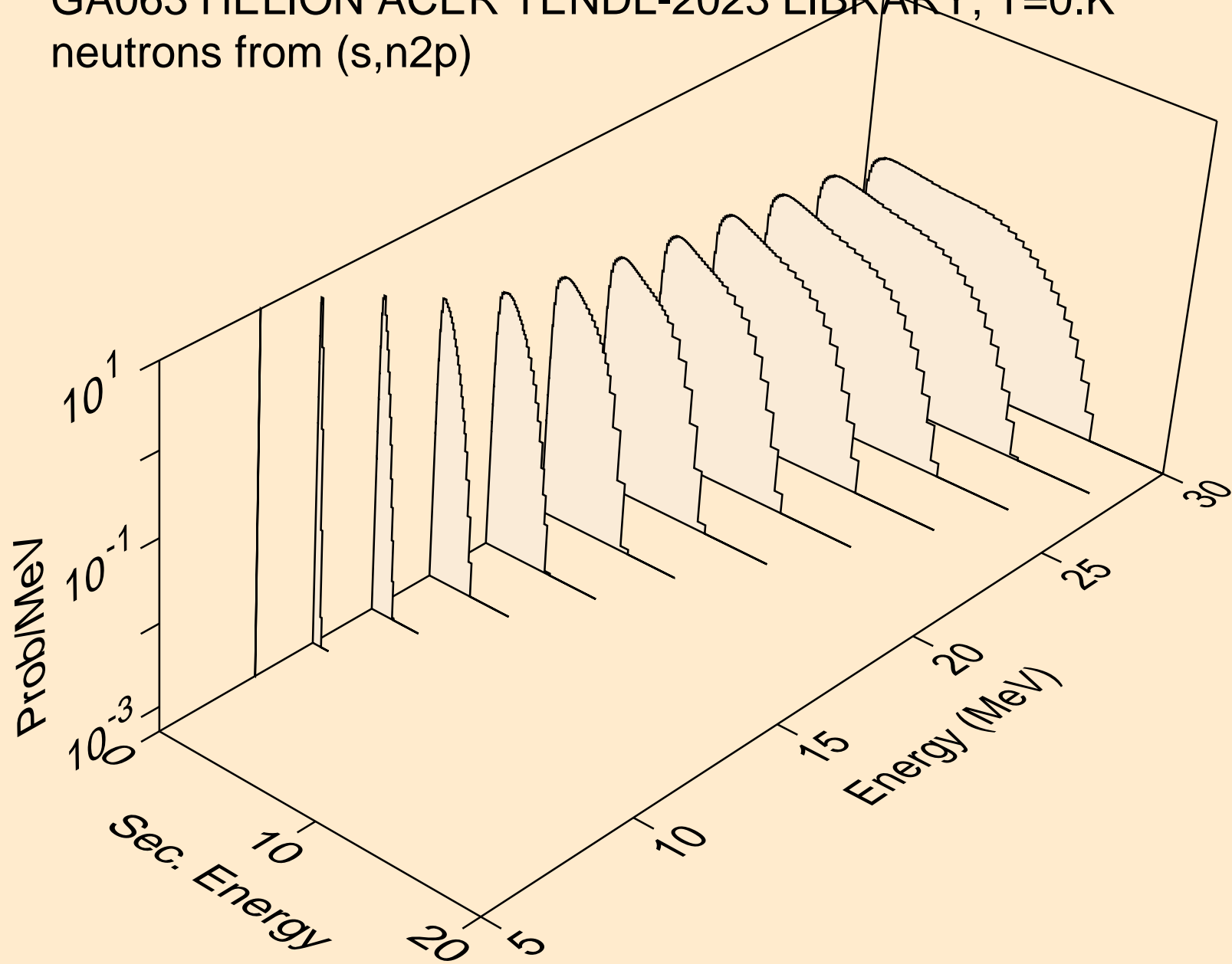
GA063 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



GA063 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2np)

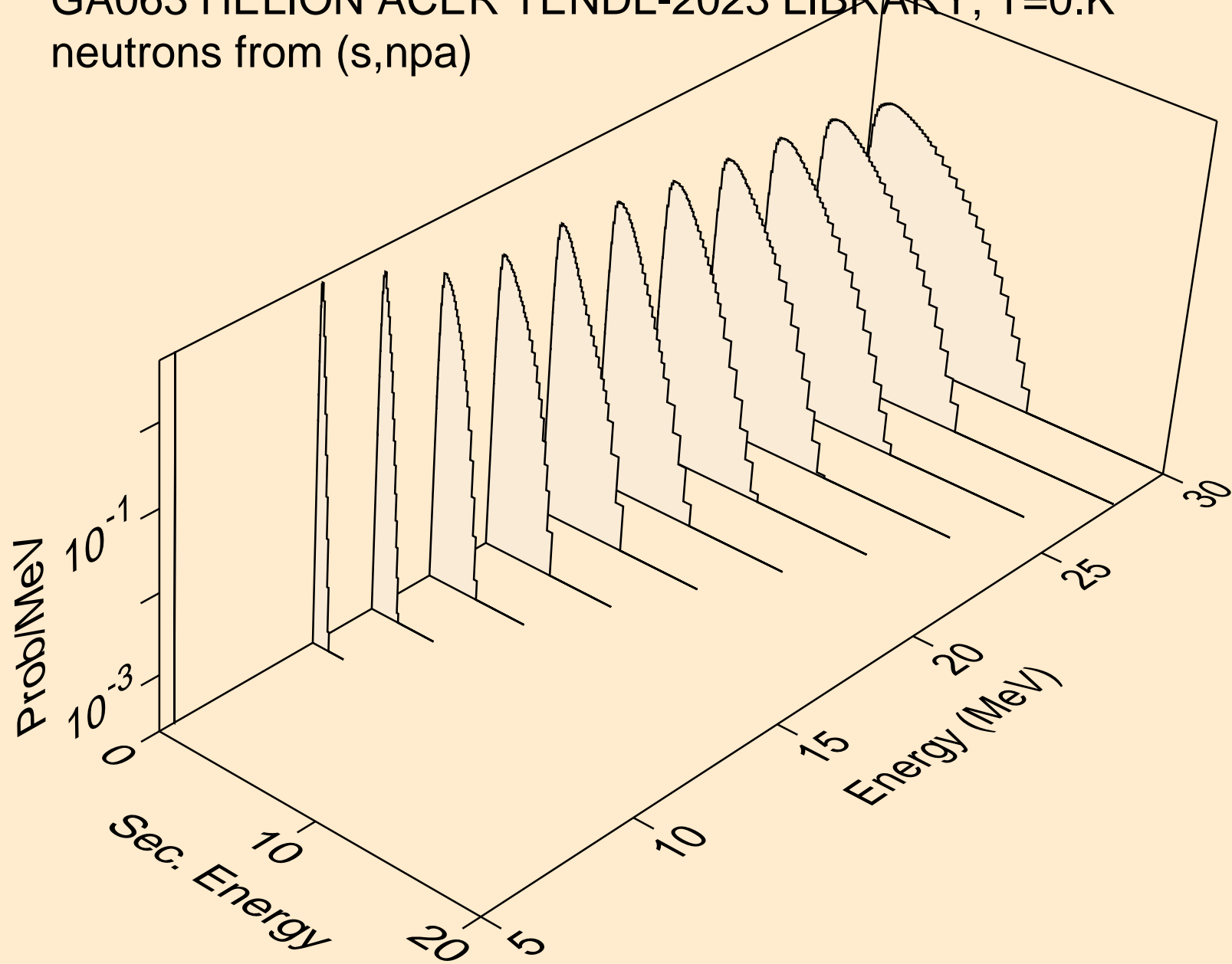


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neutrons from (s,n2p)

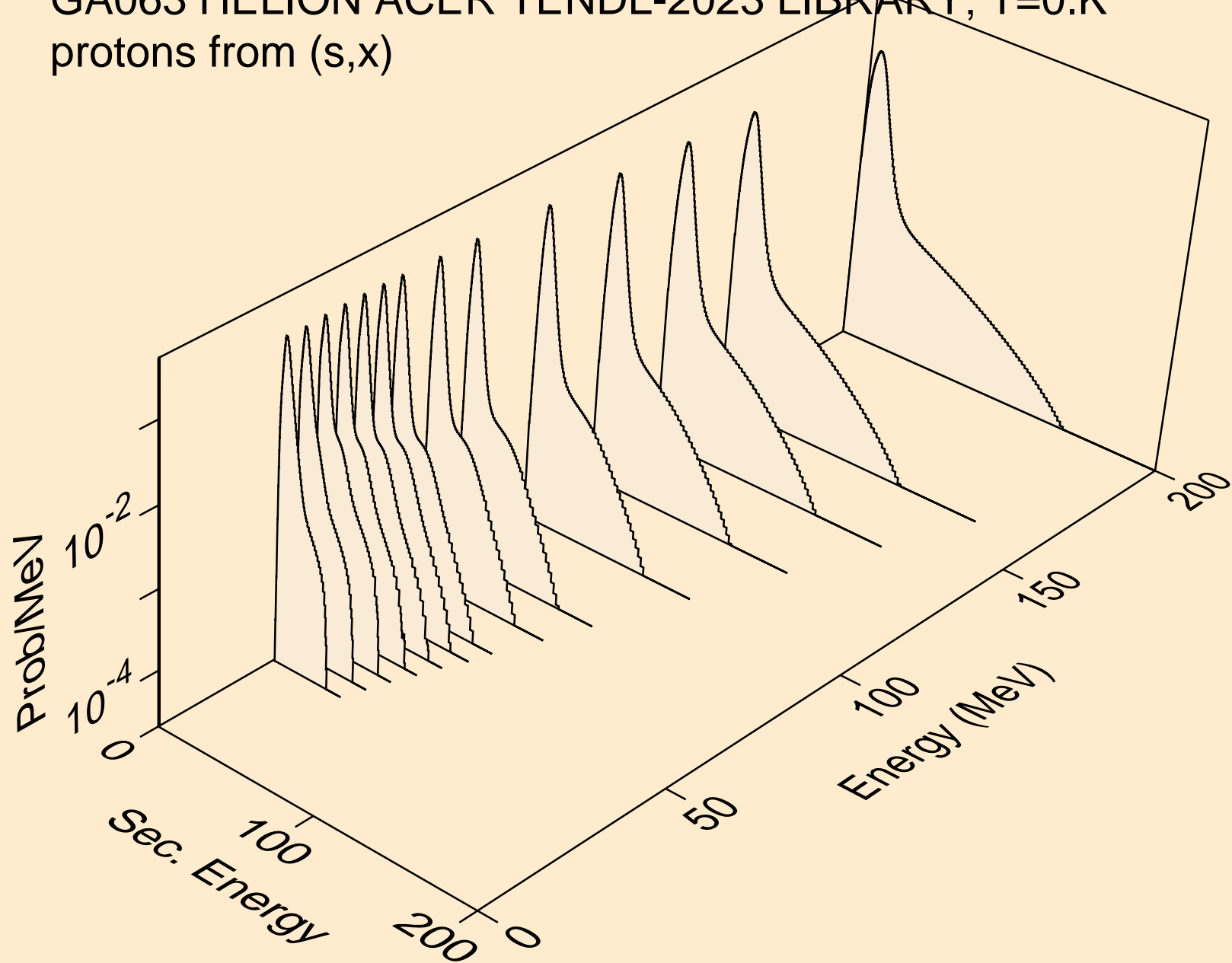




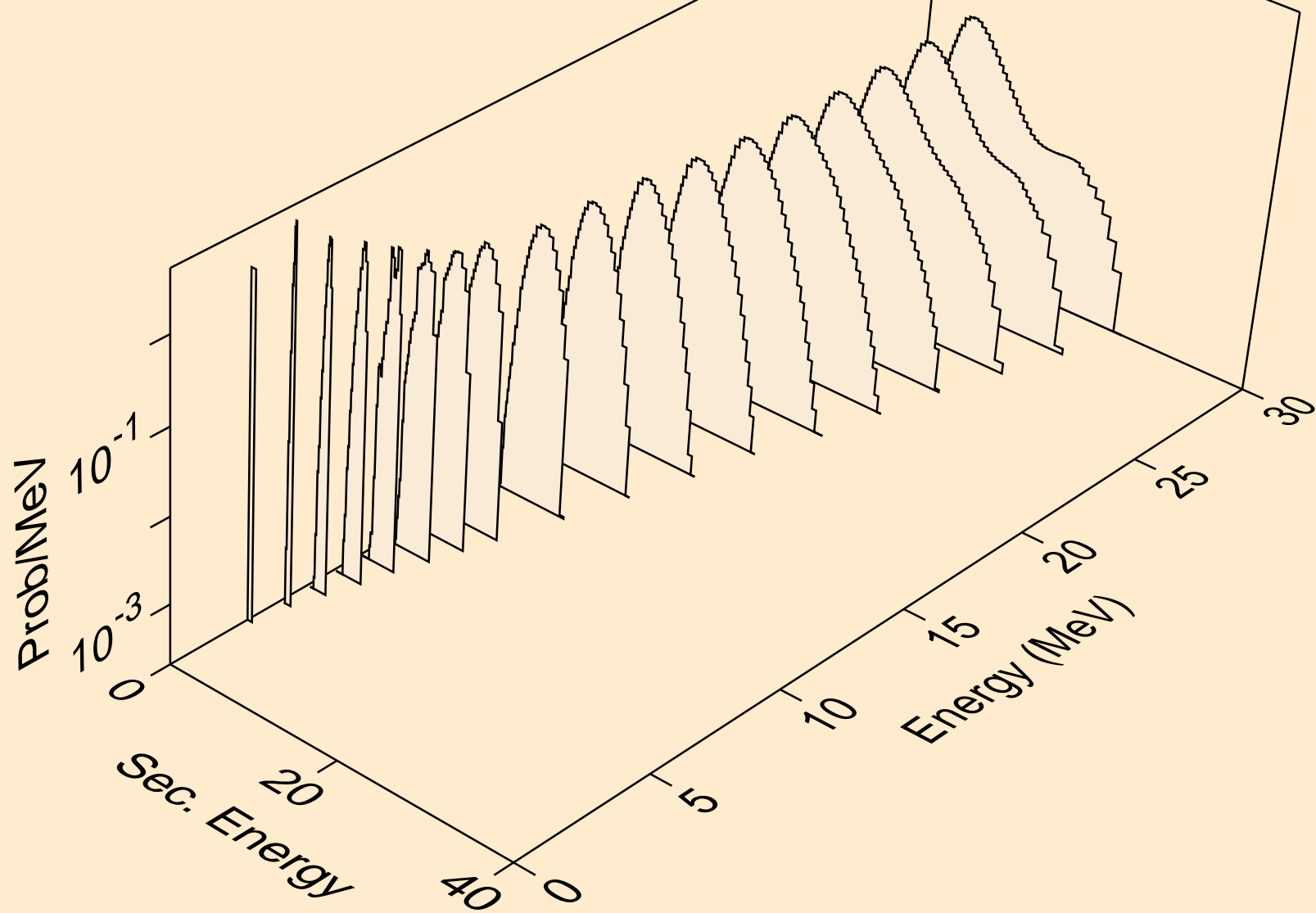
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neutrons from (s,npa)



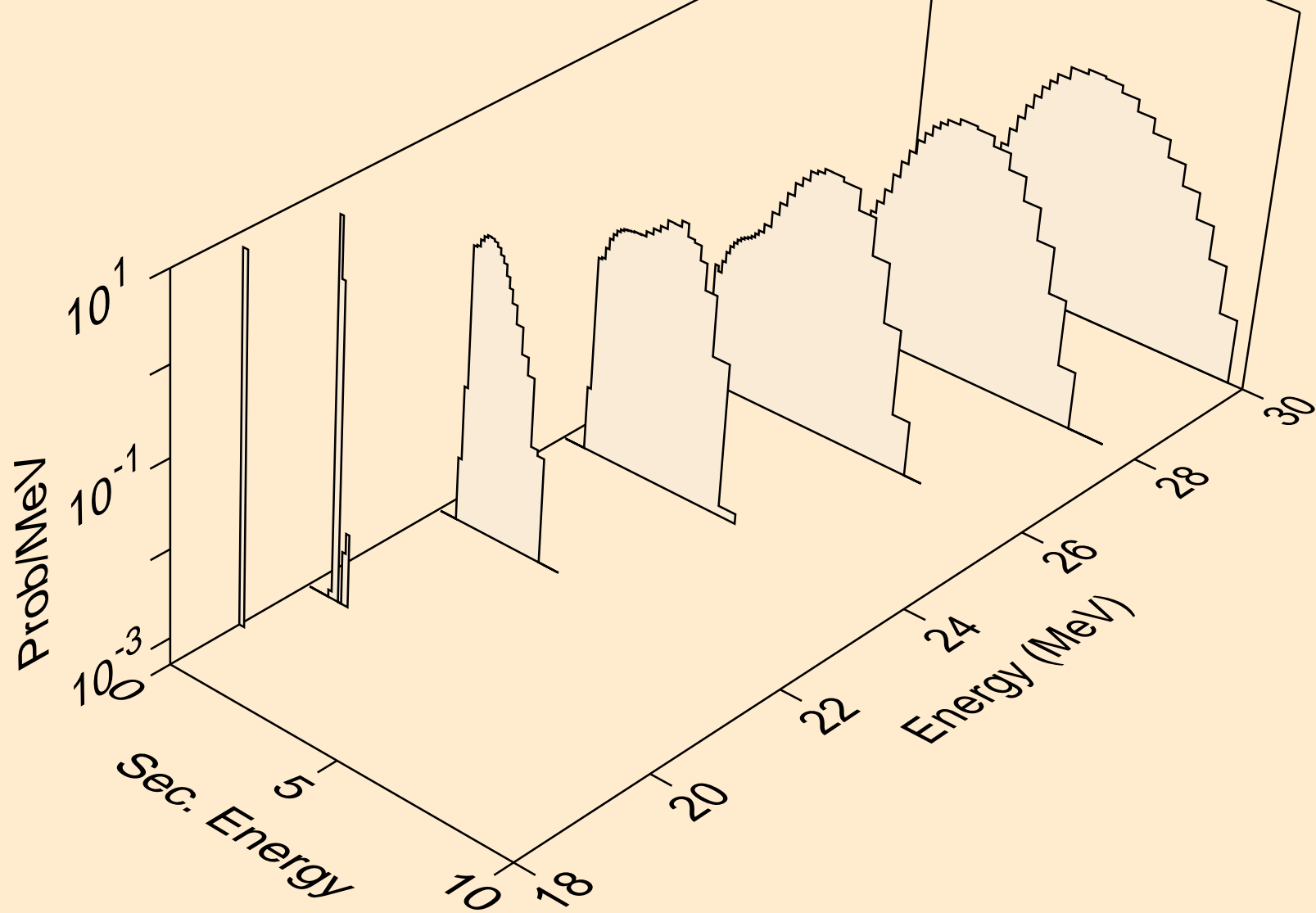
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protons from (s,x)



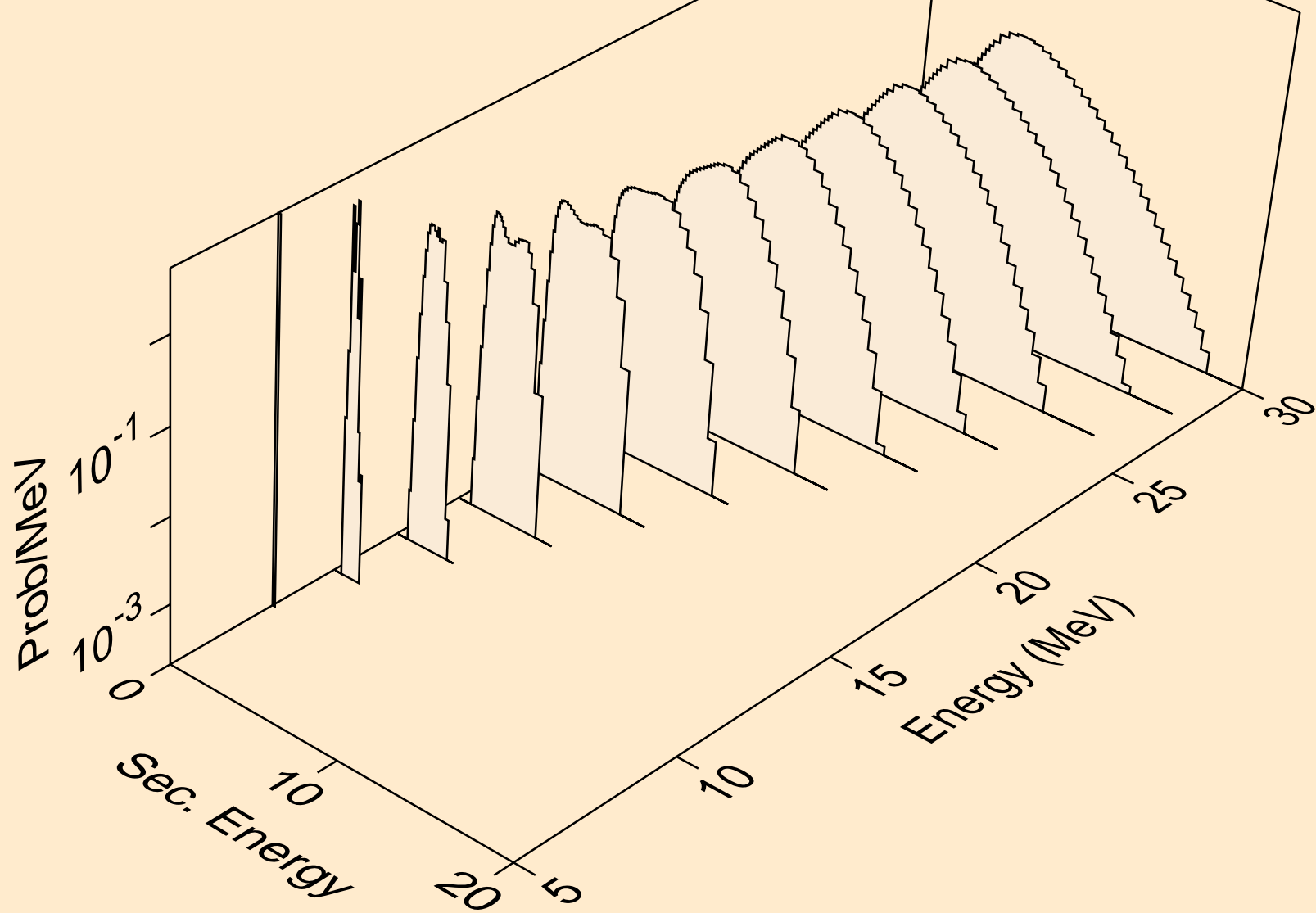
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protons from (s,n\*)p



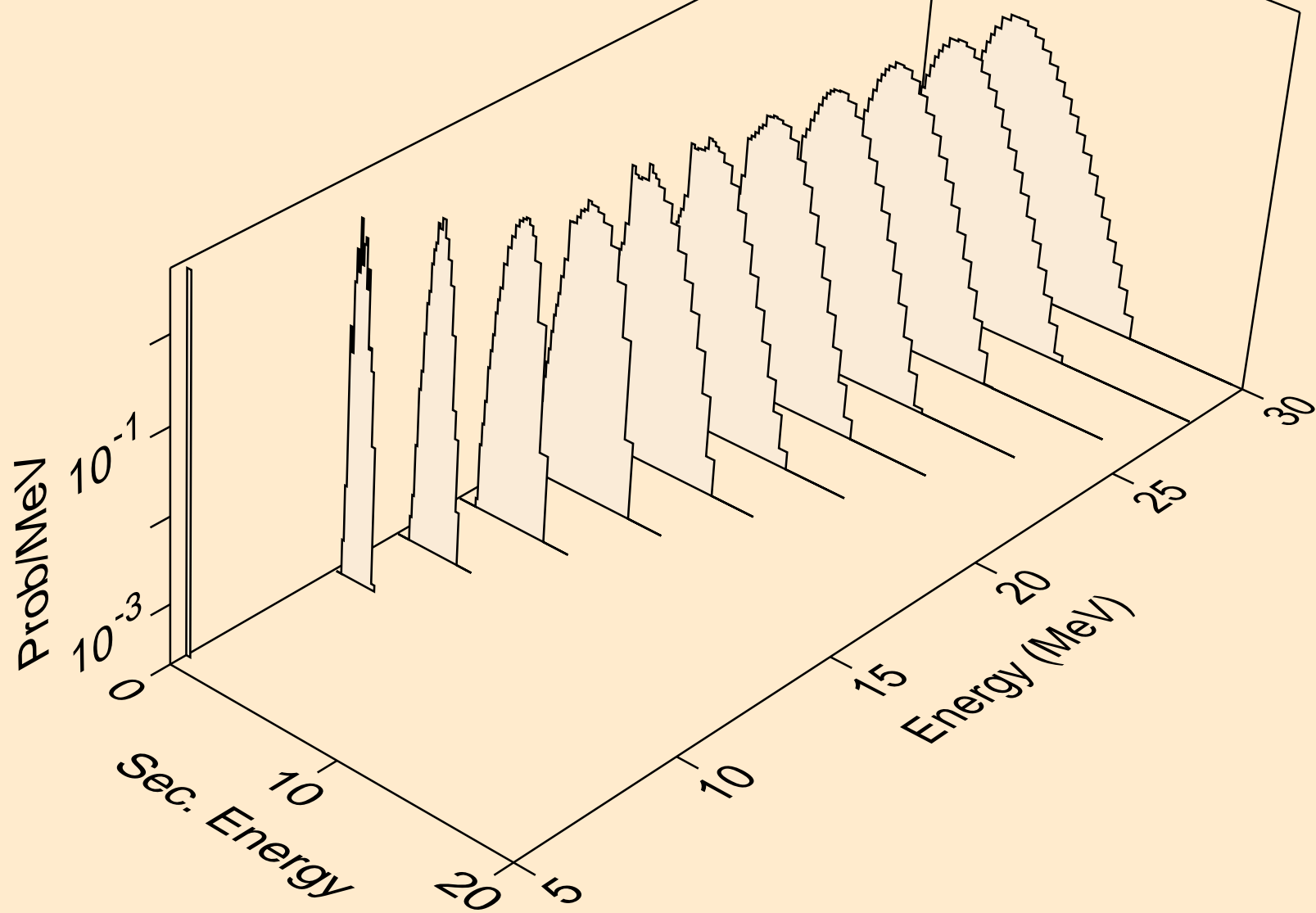
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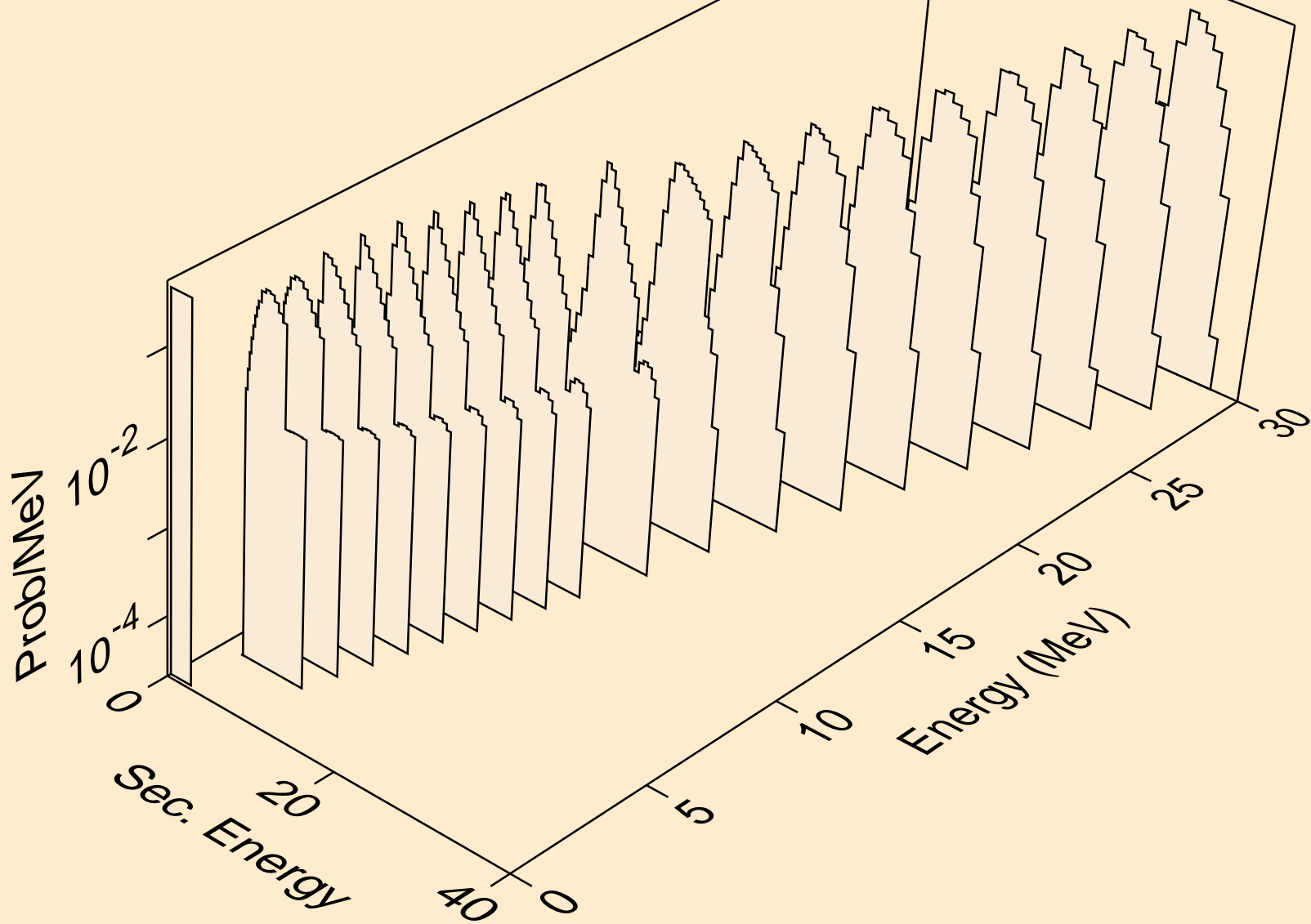
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protons from (s,n2p)



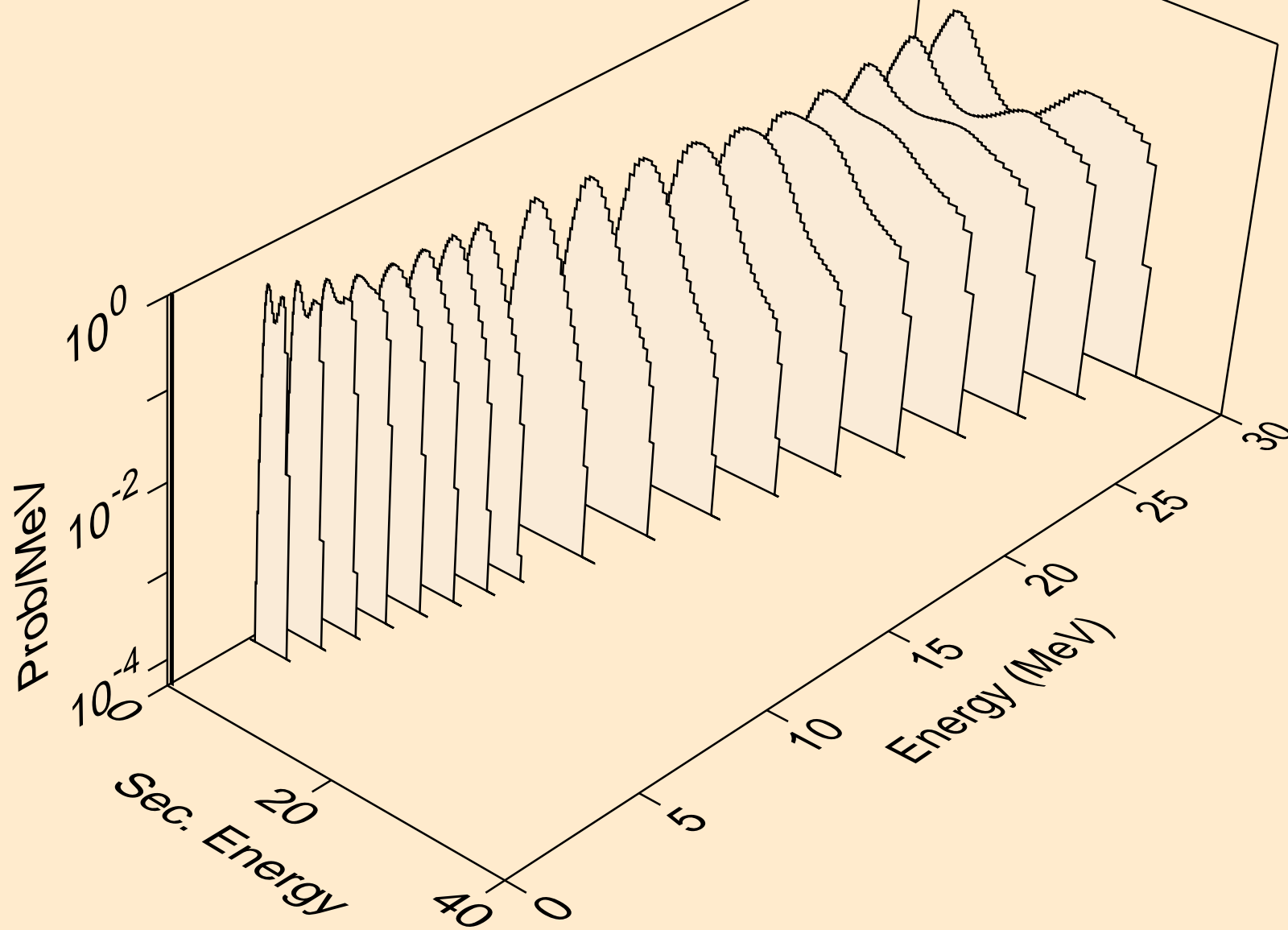
GA063 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,npa)



GA063 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,p)

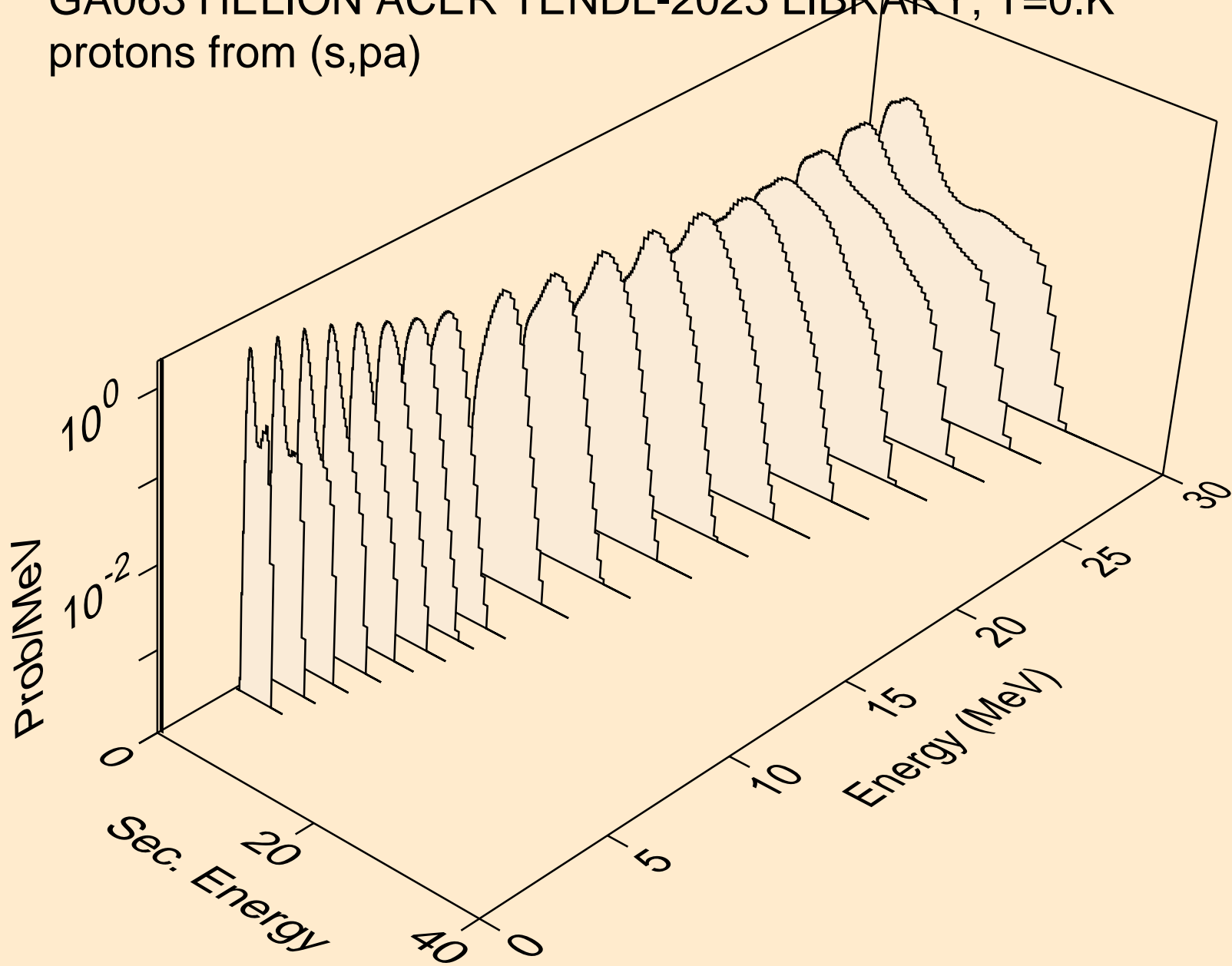


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protons from (s,2p)

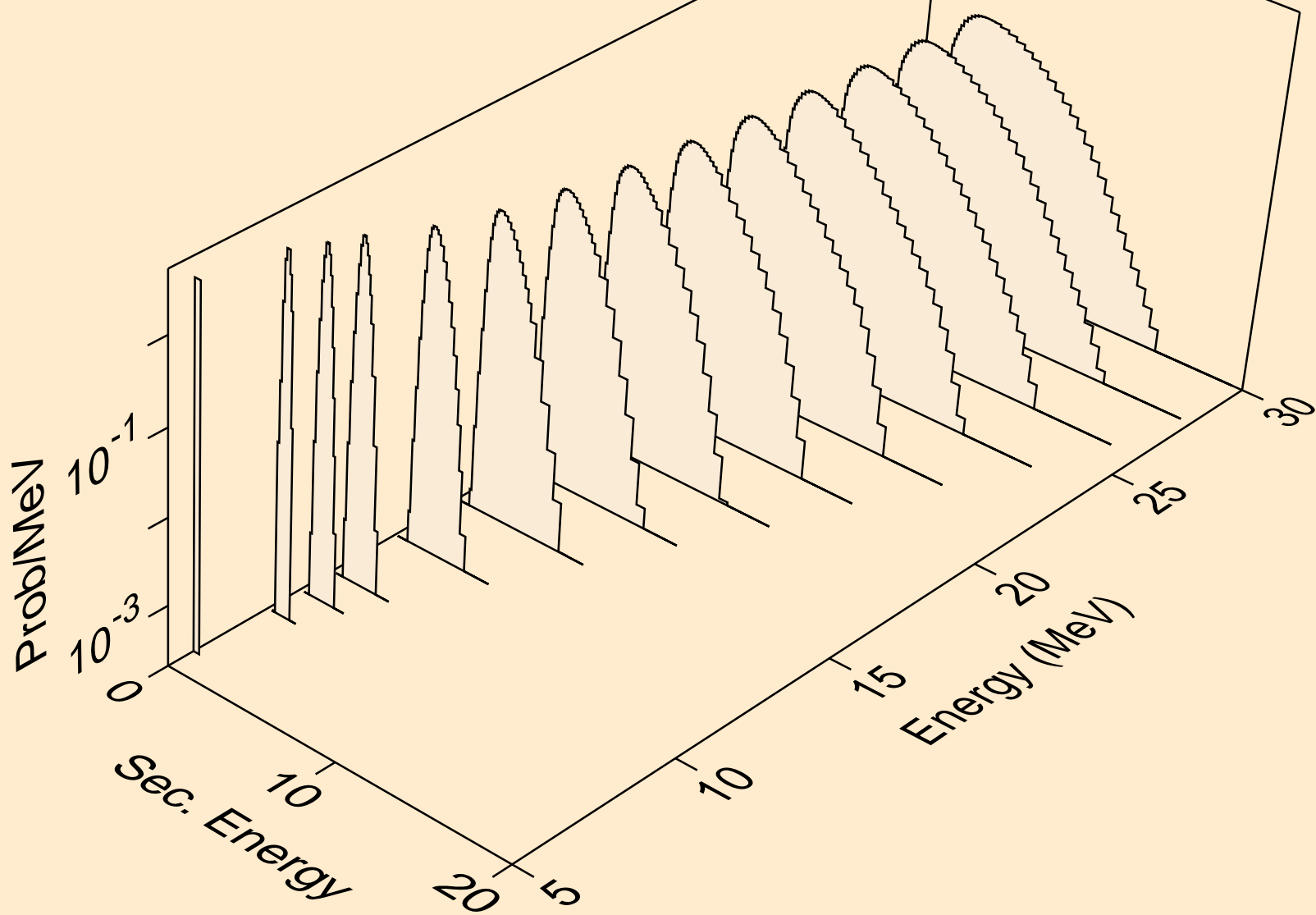




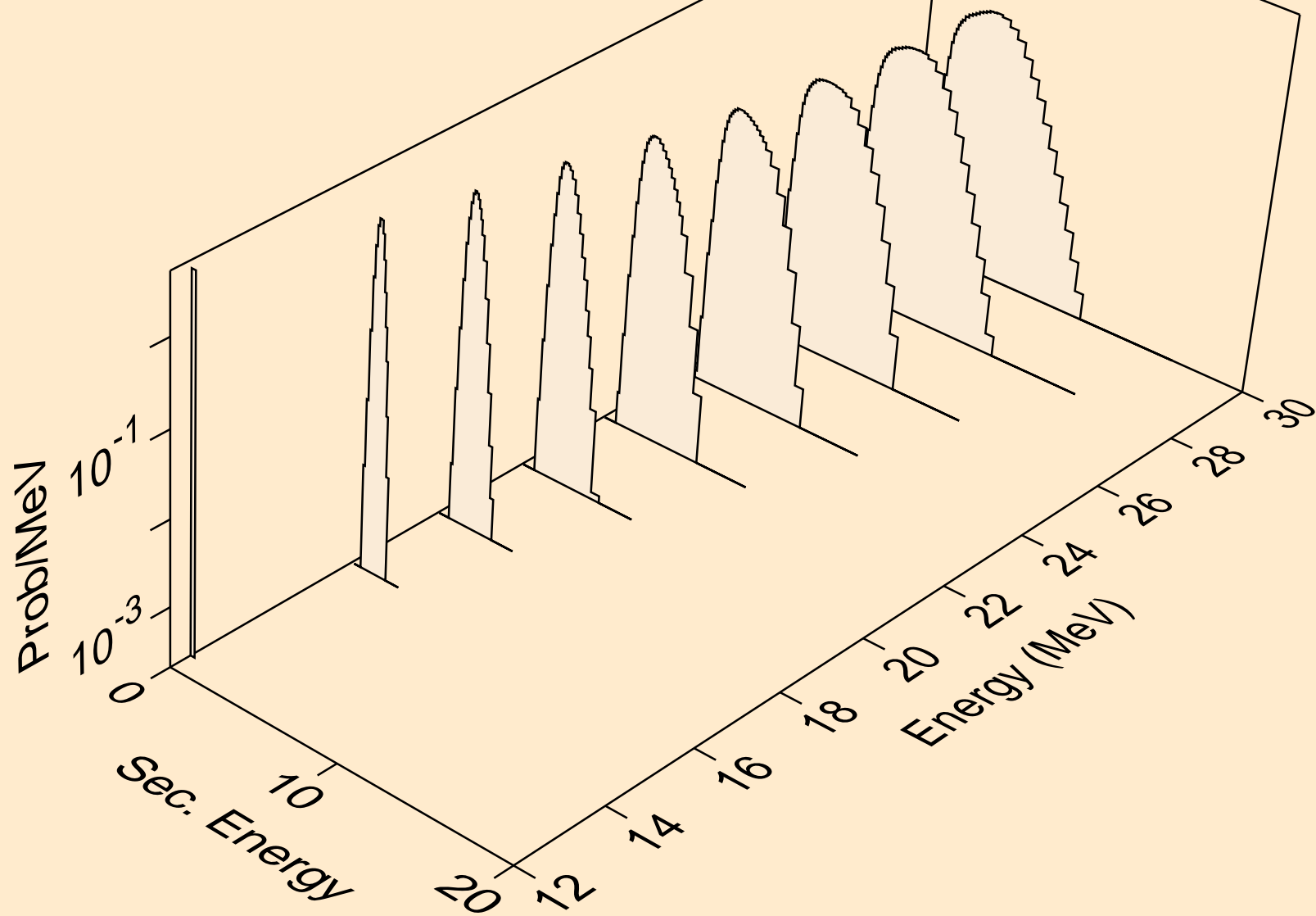
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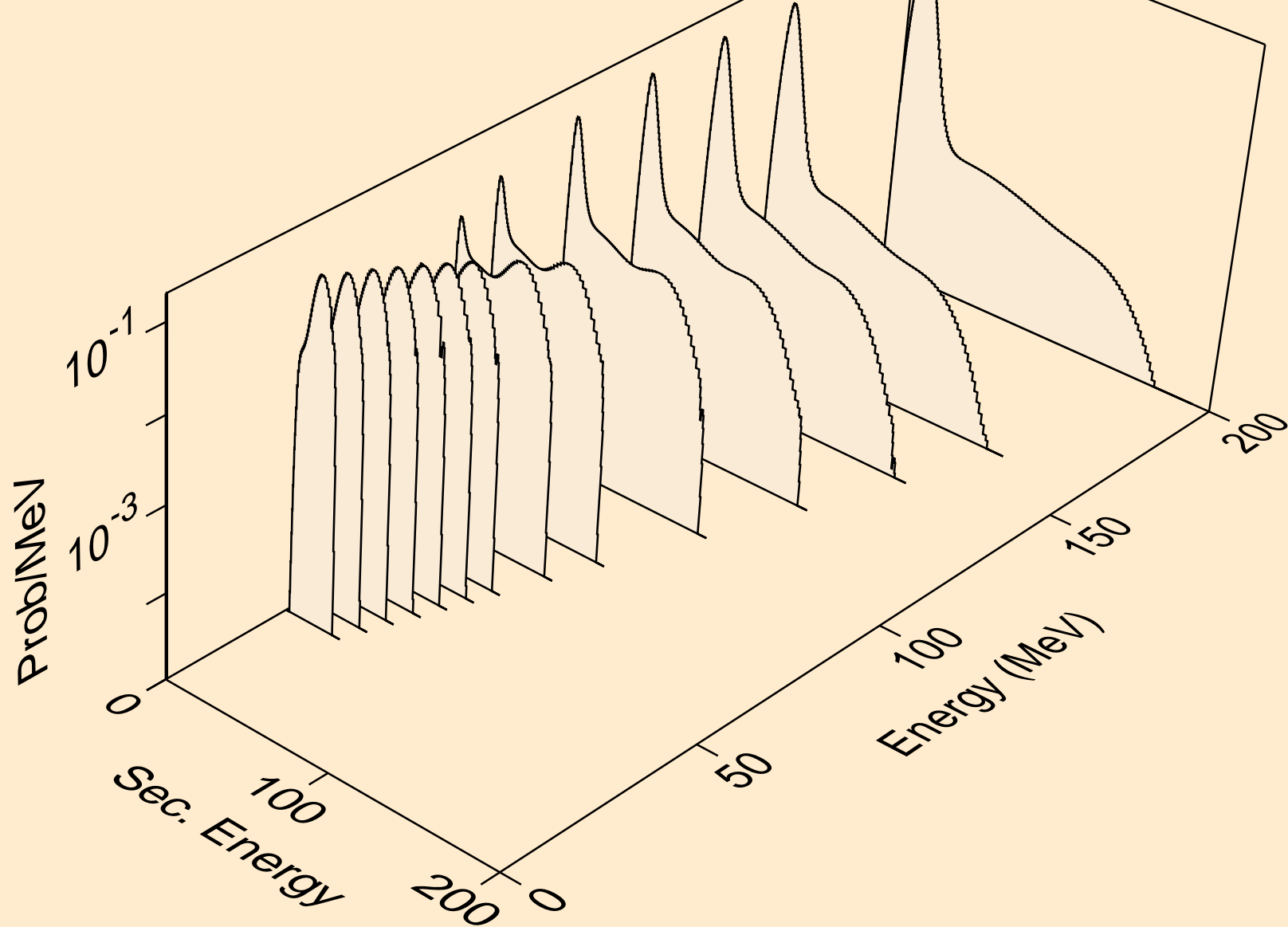
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protons from (s,pd)



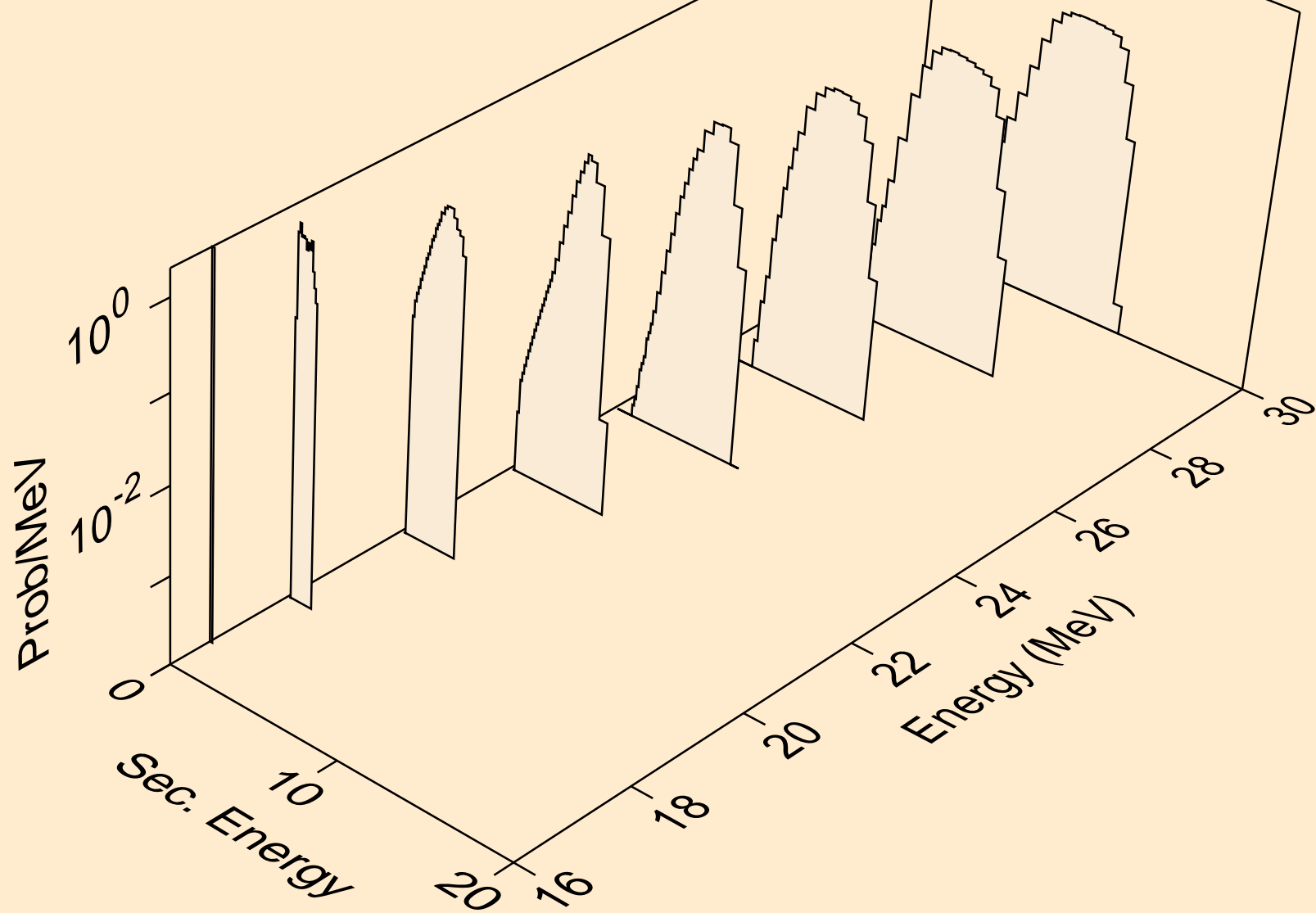
GA063 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pt)



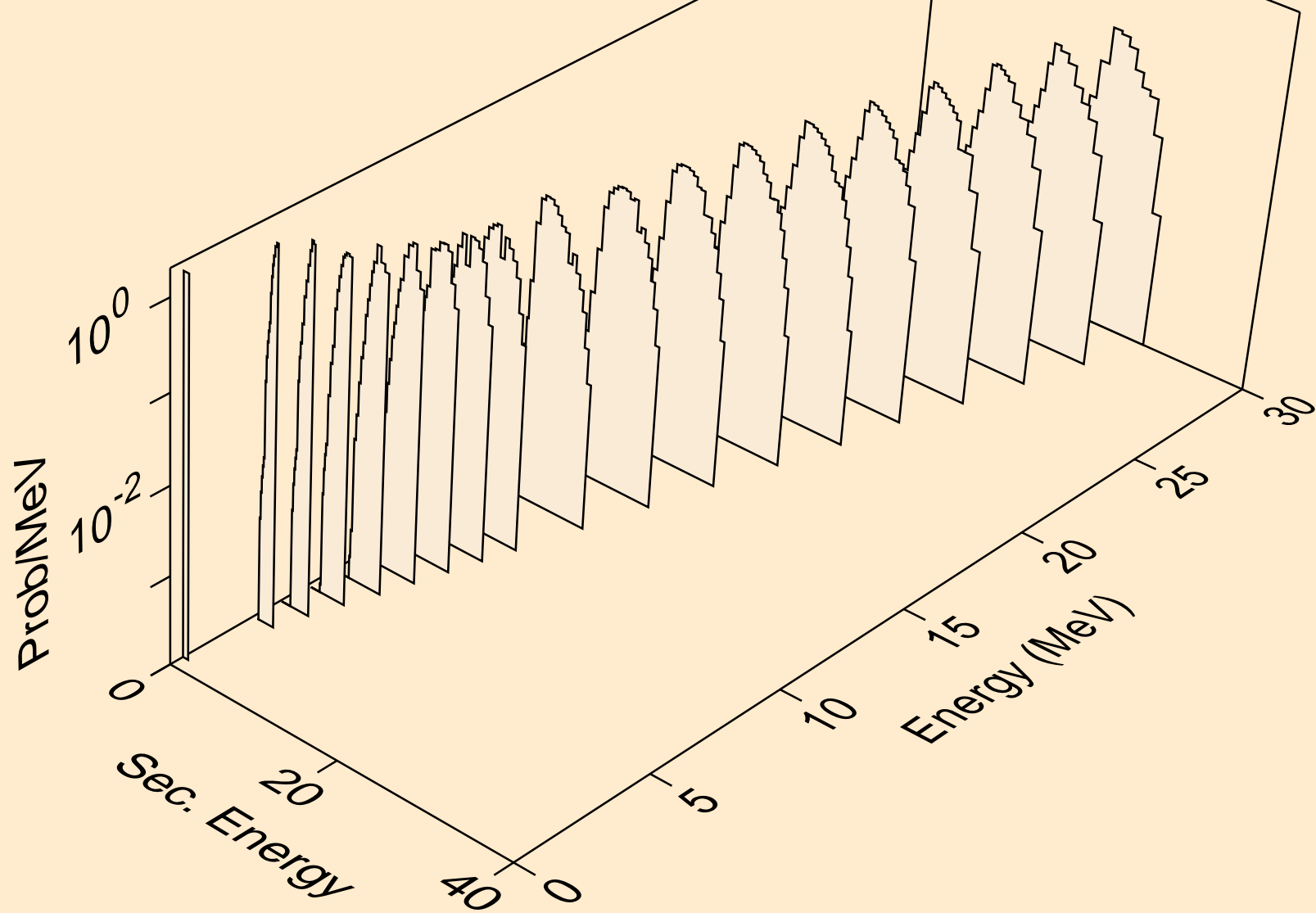
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deuterons from (s,x)



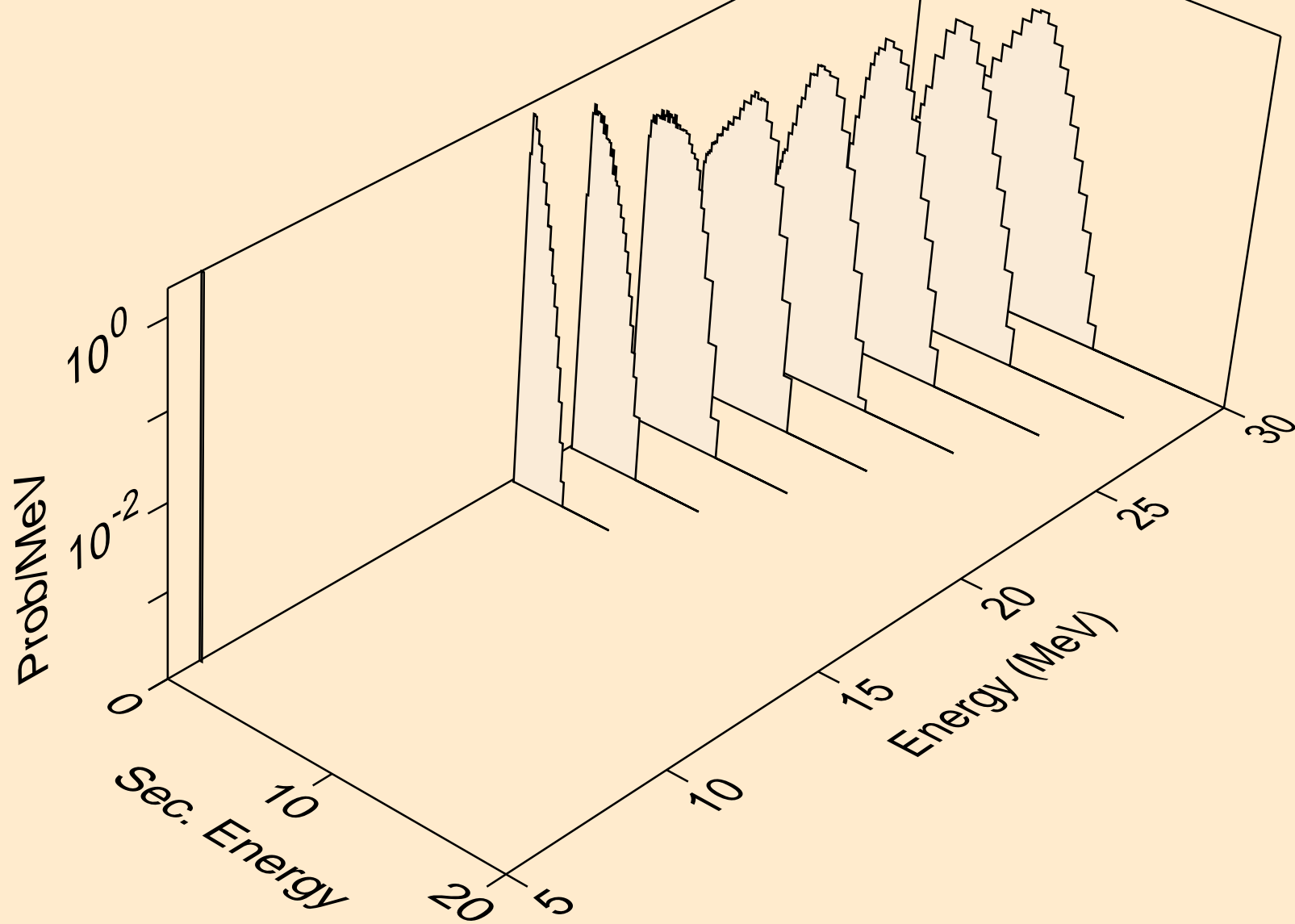
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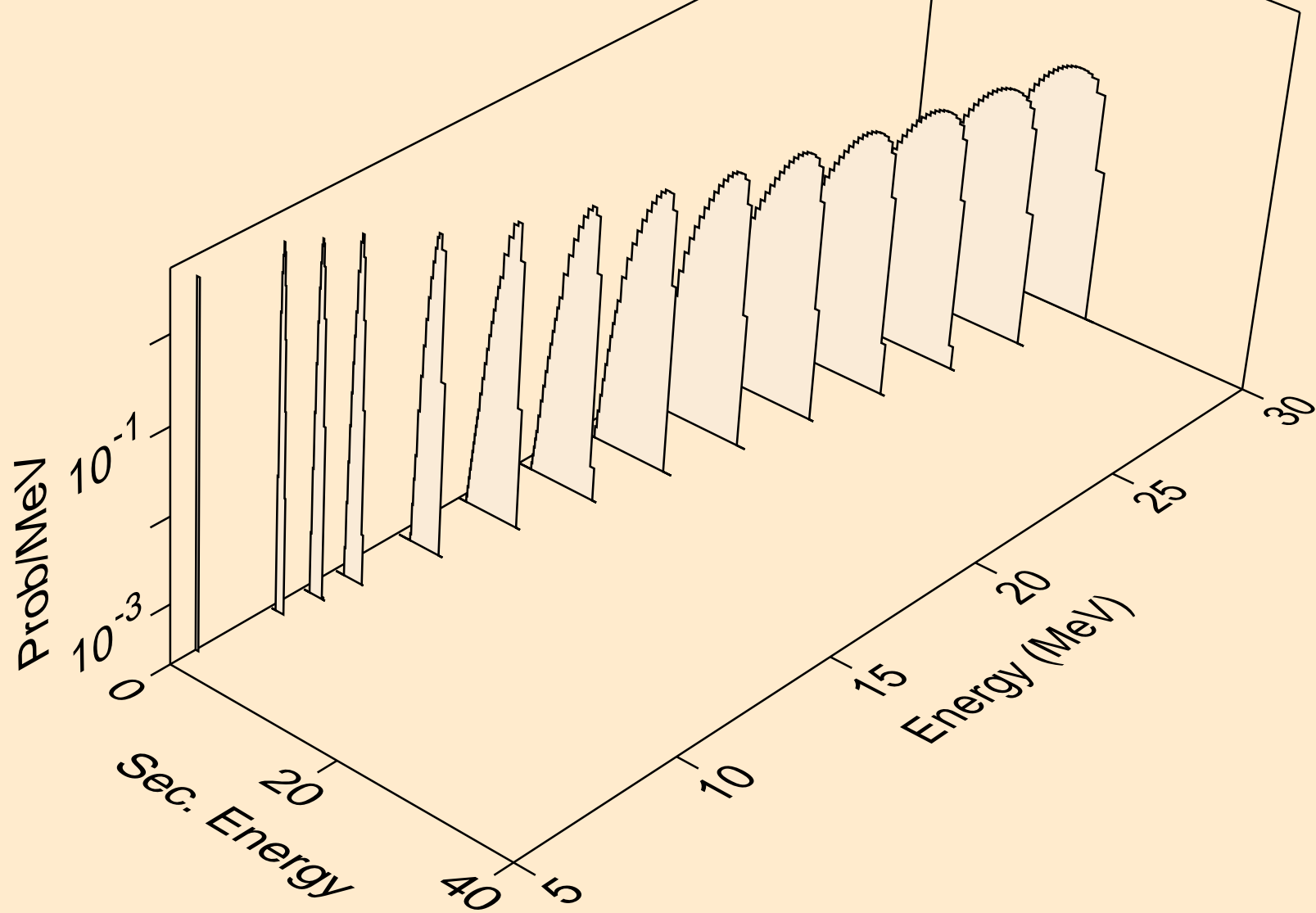
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deuterons from (s,d)



GA063 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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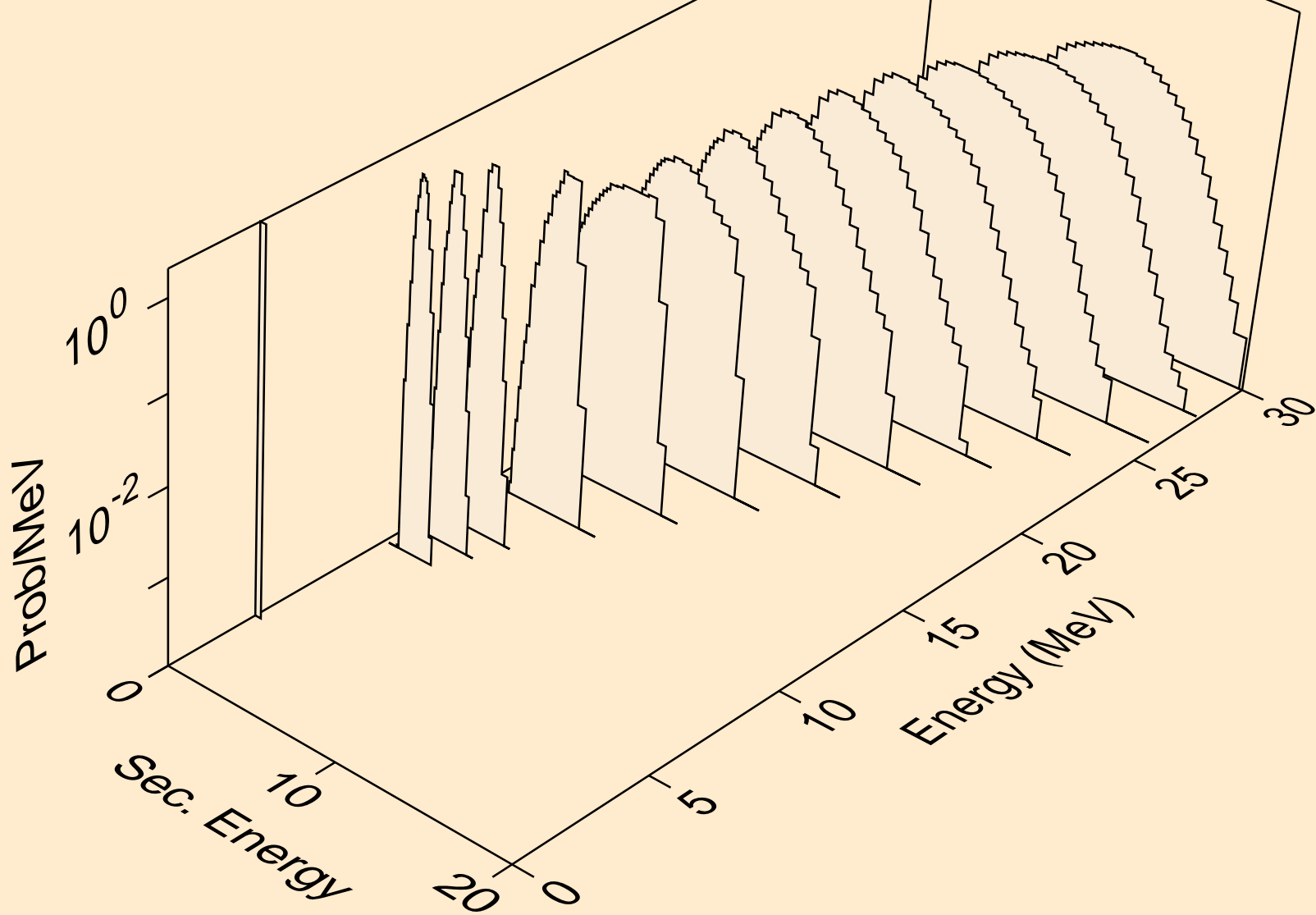


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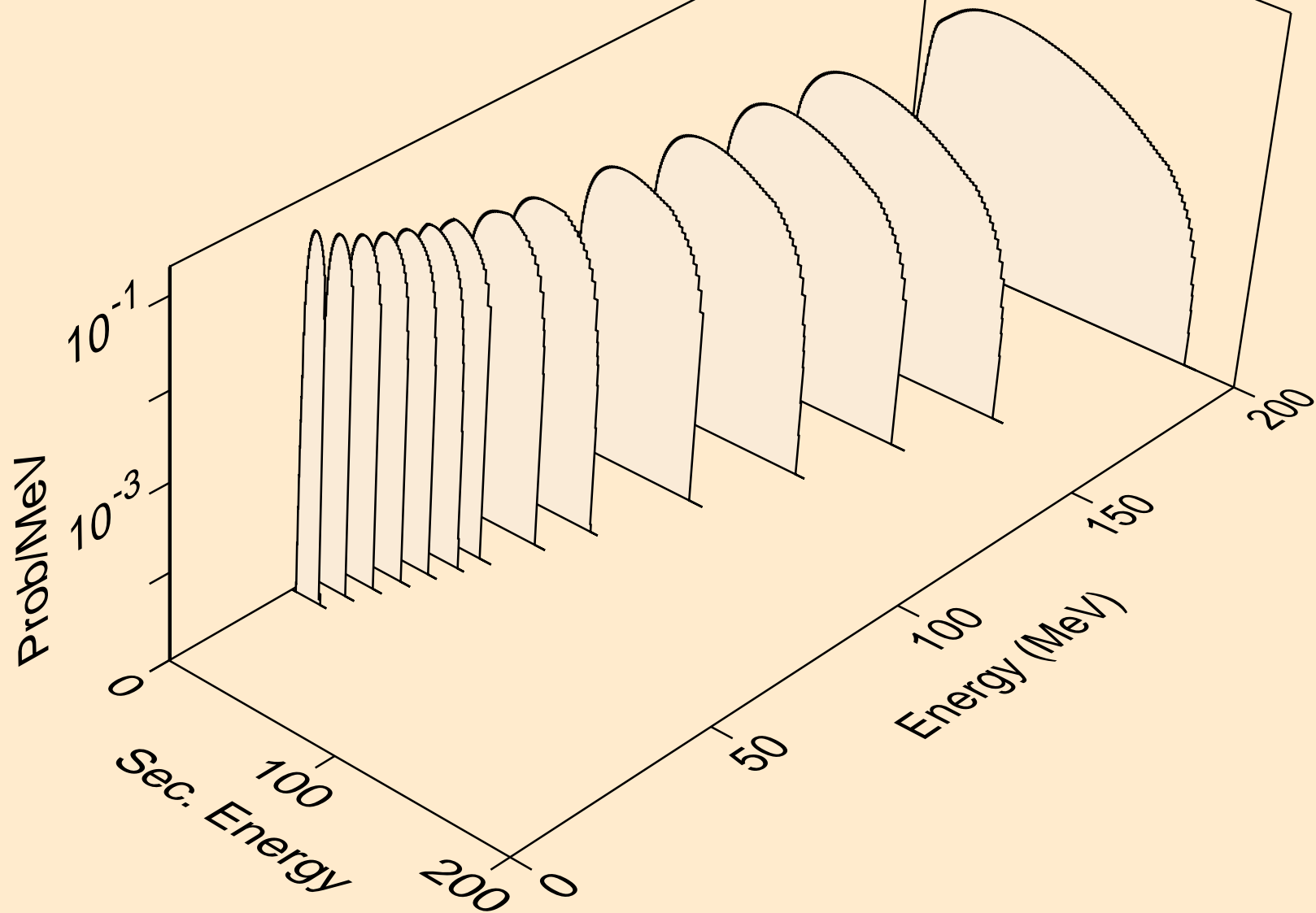




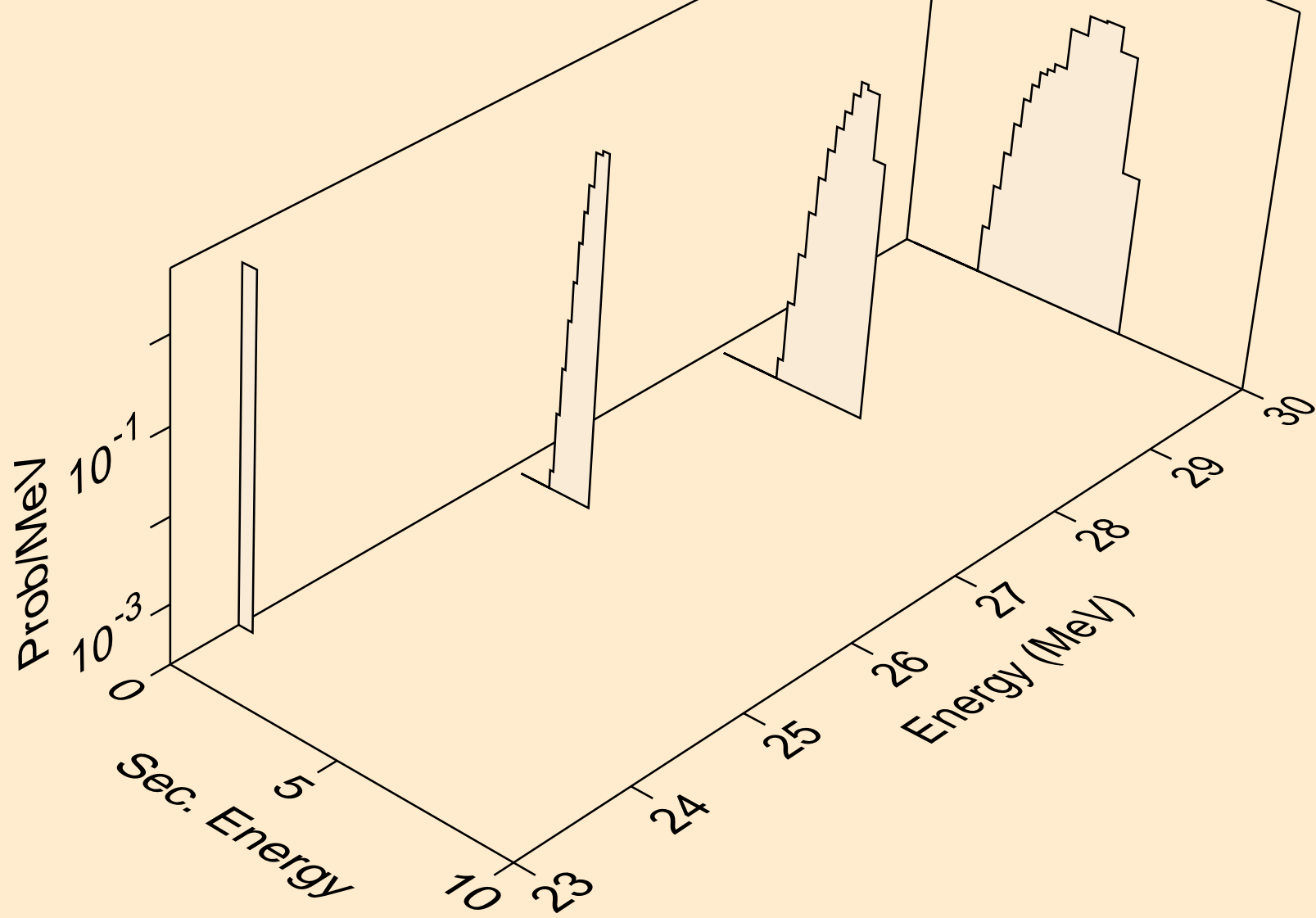
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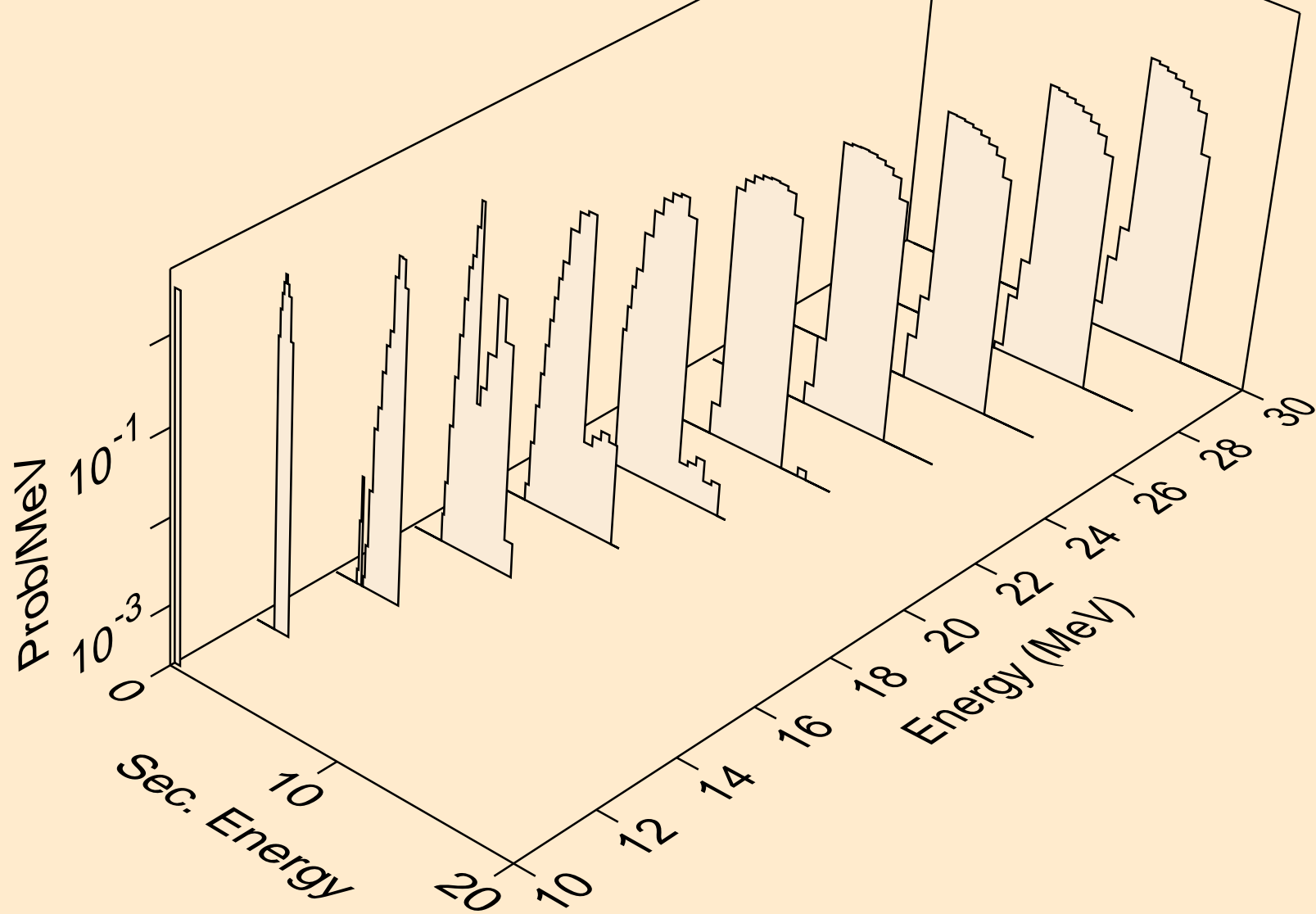
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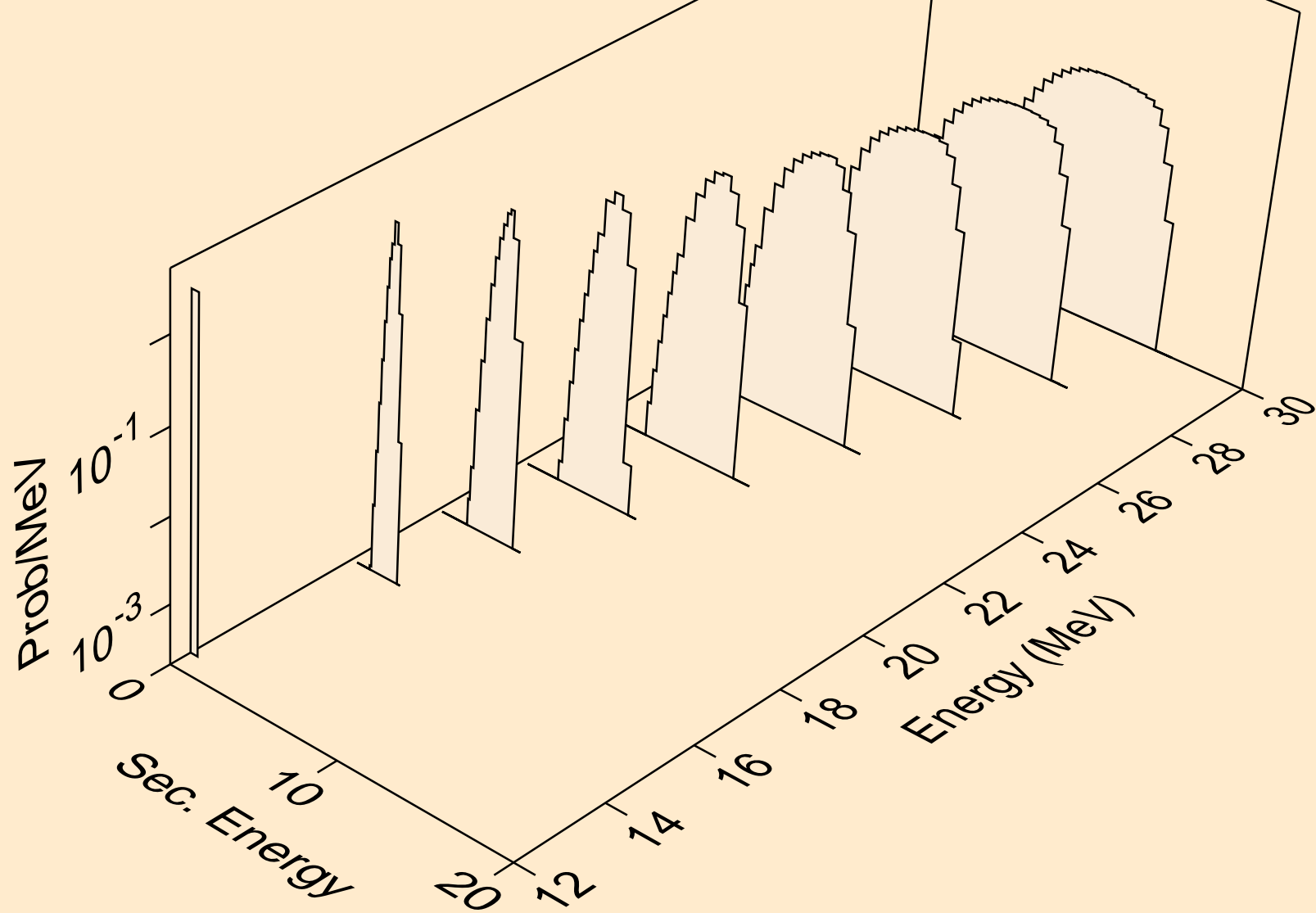
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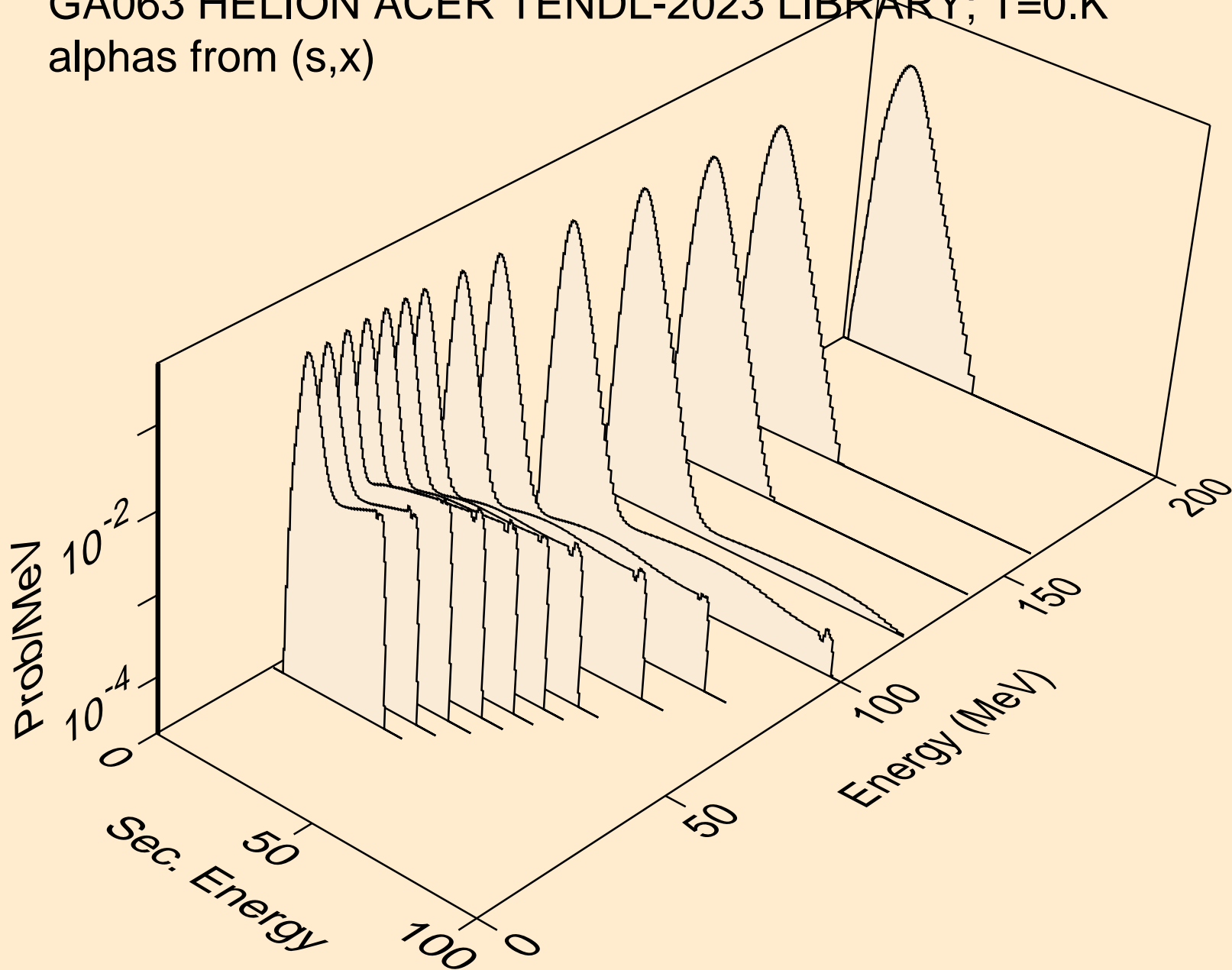
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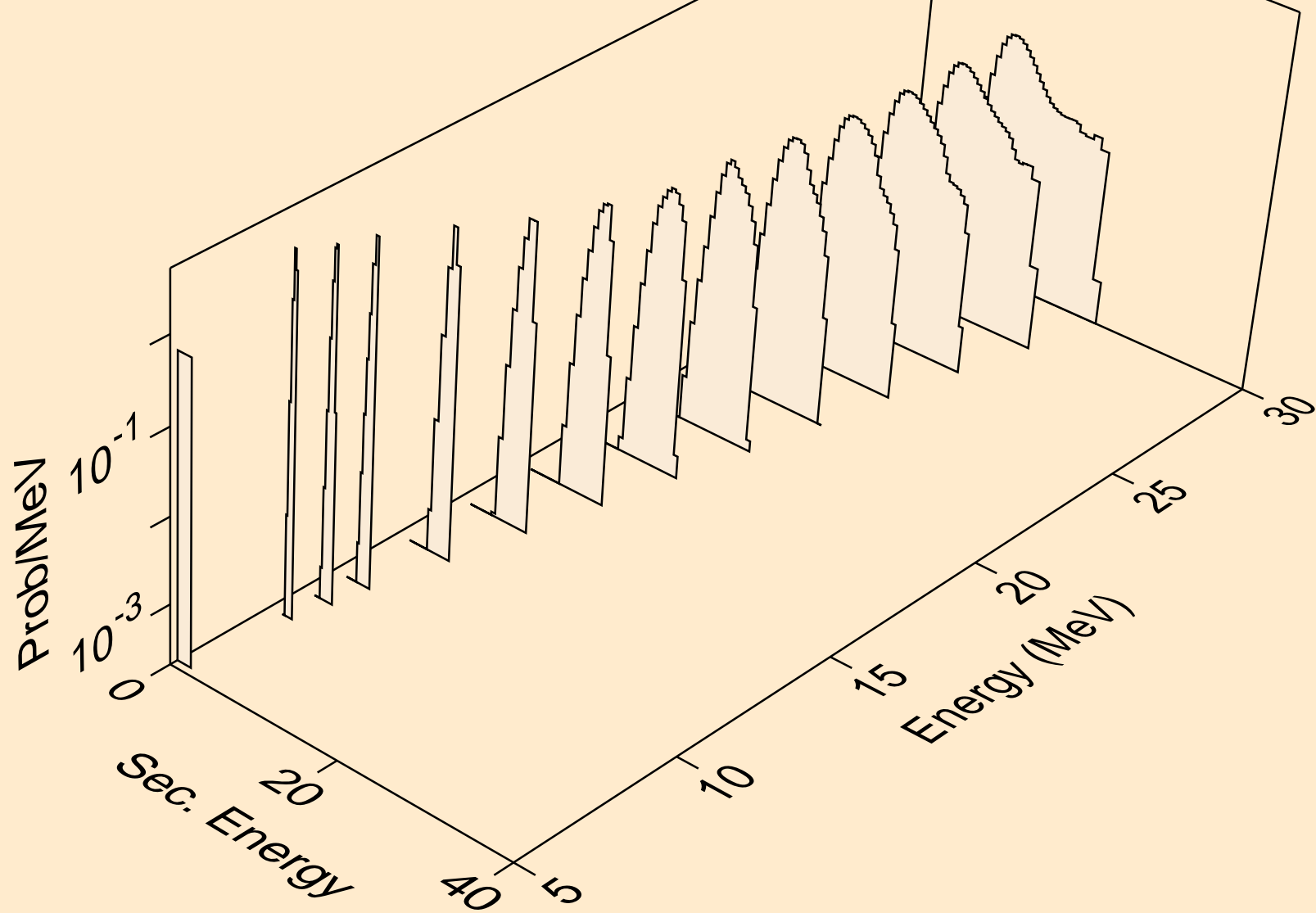
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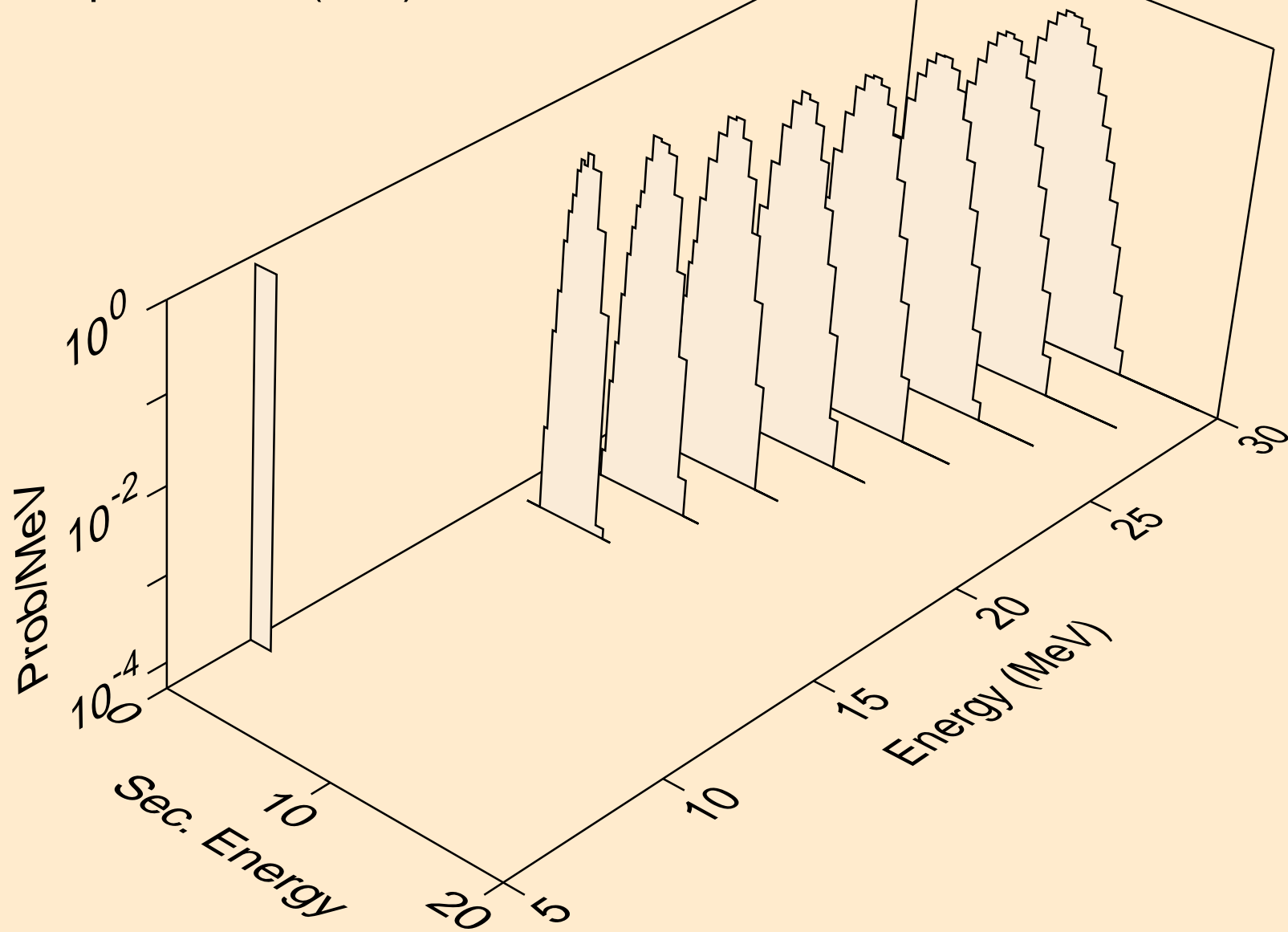
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alphas from (s,x)



GA063 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)a

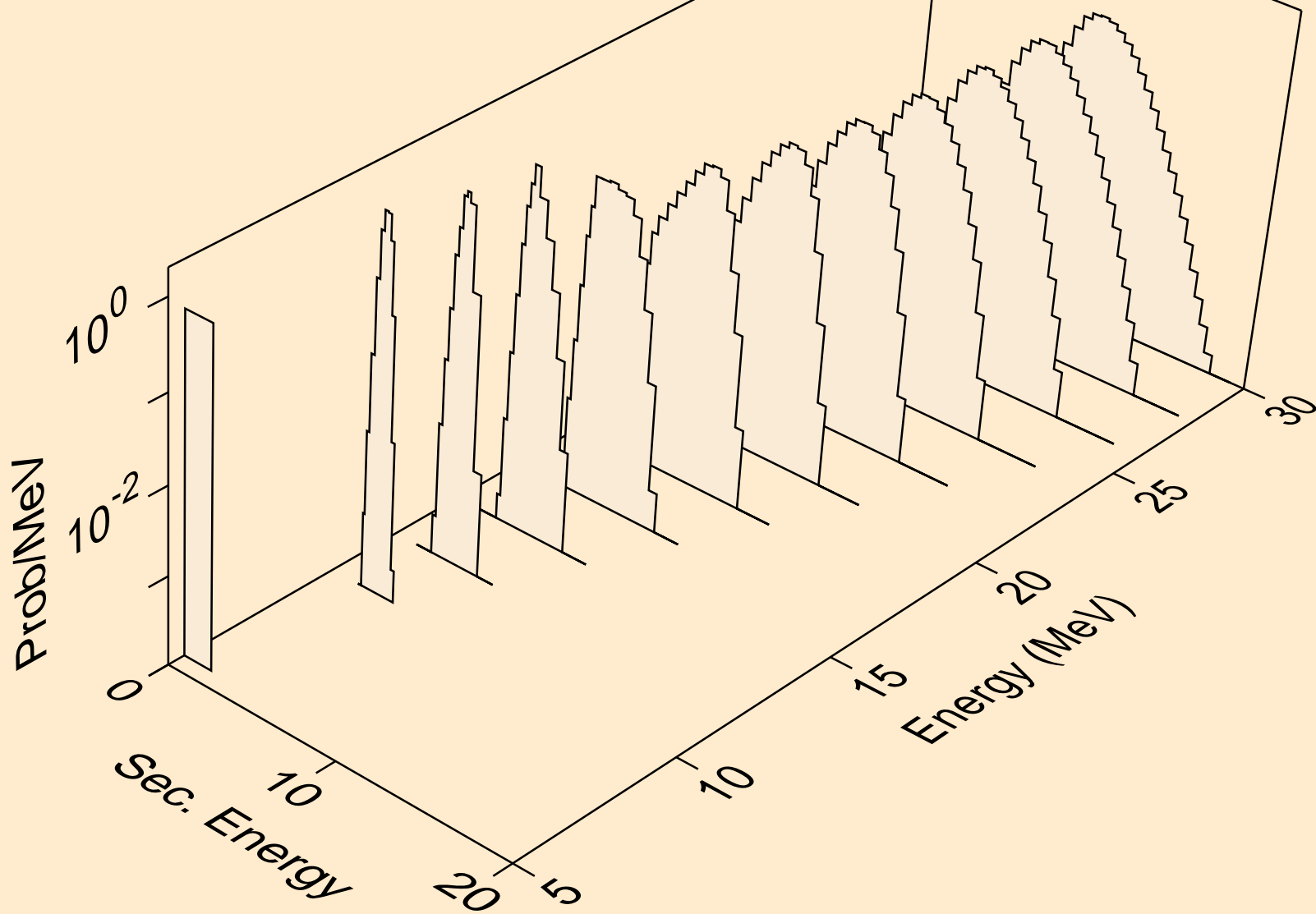


GA063 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)2a

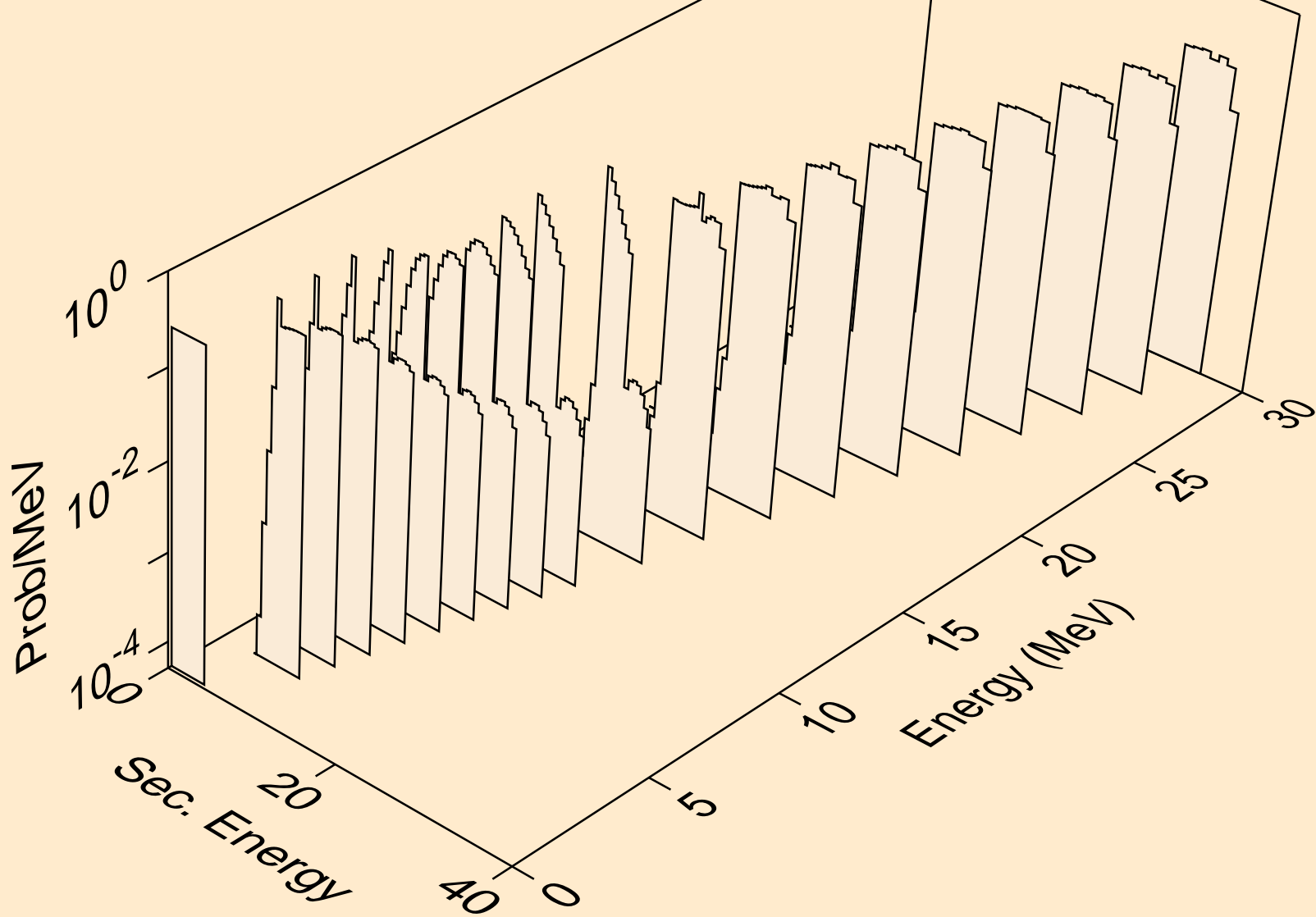




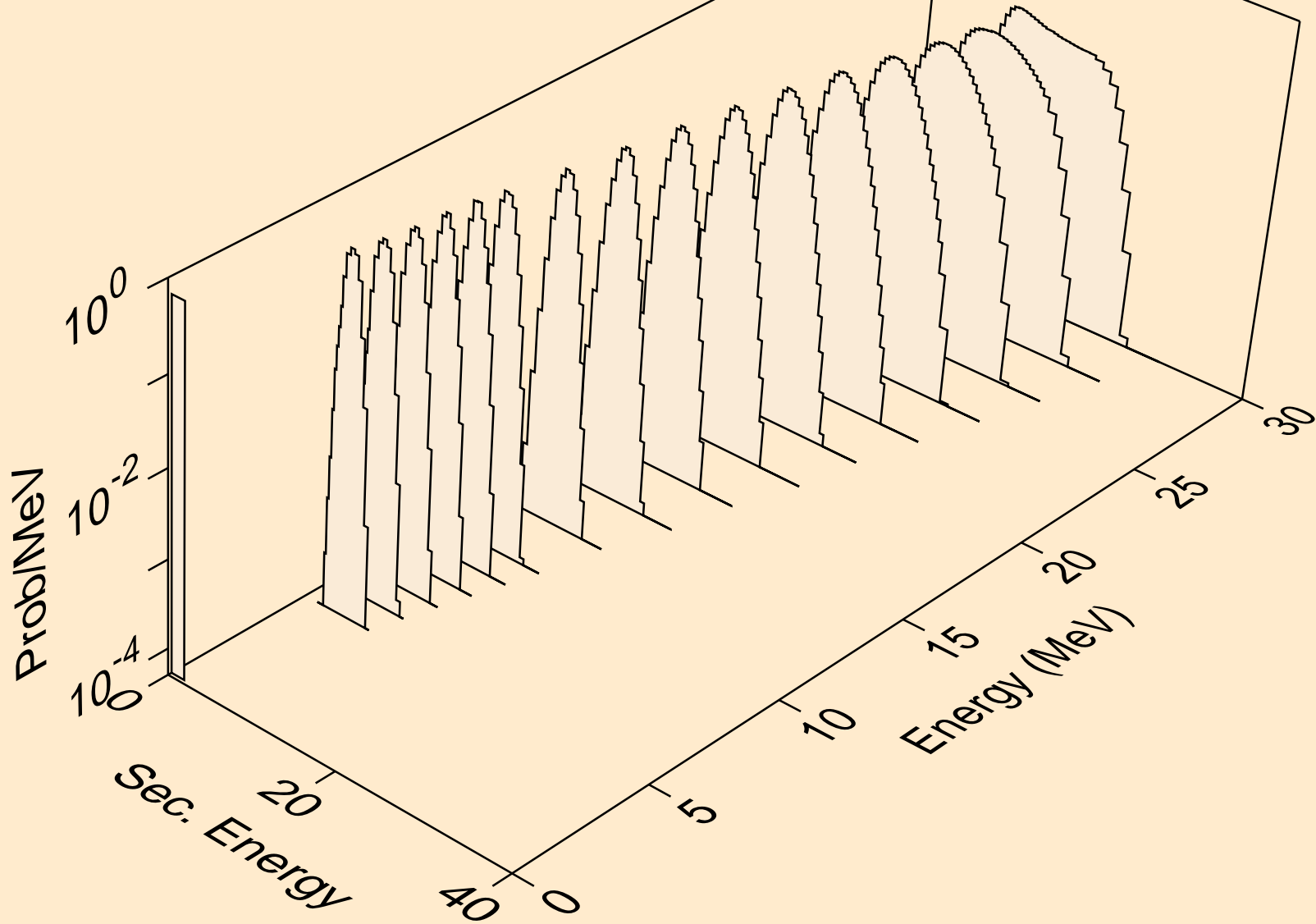
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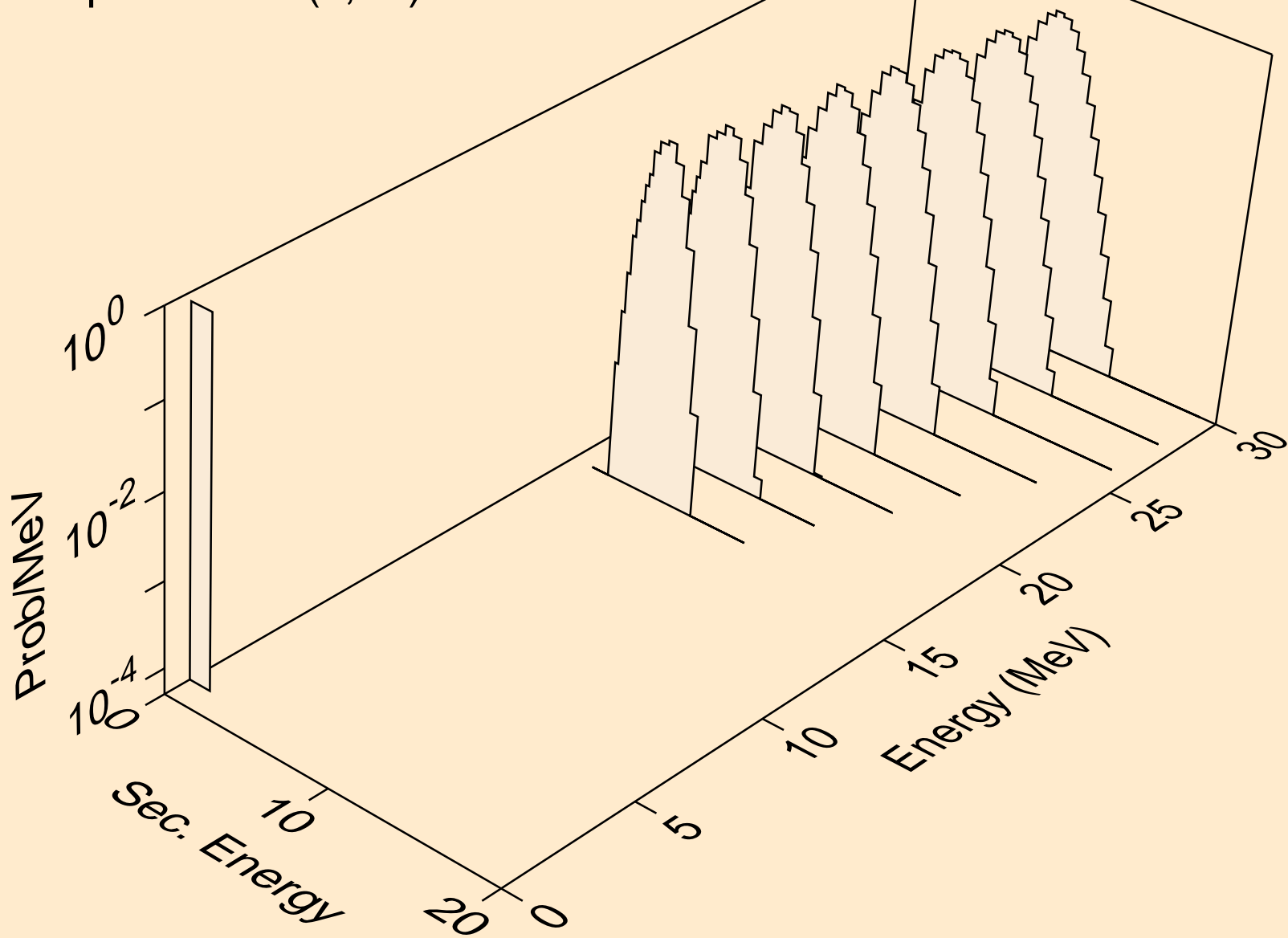
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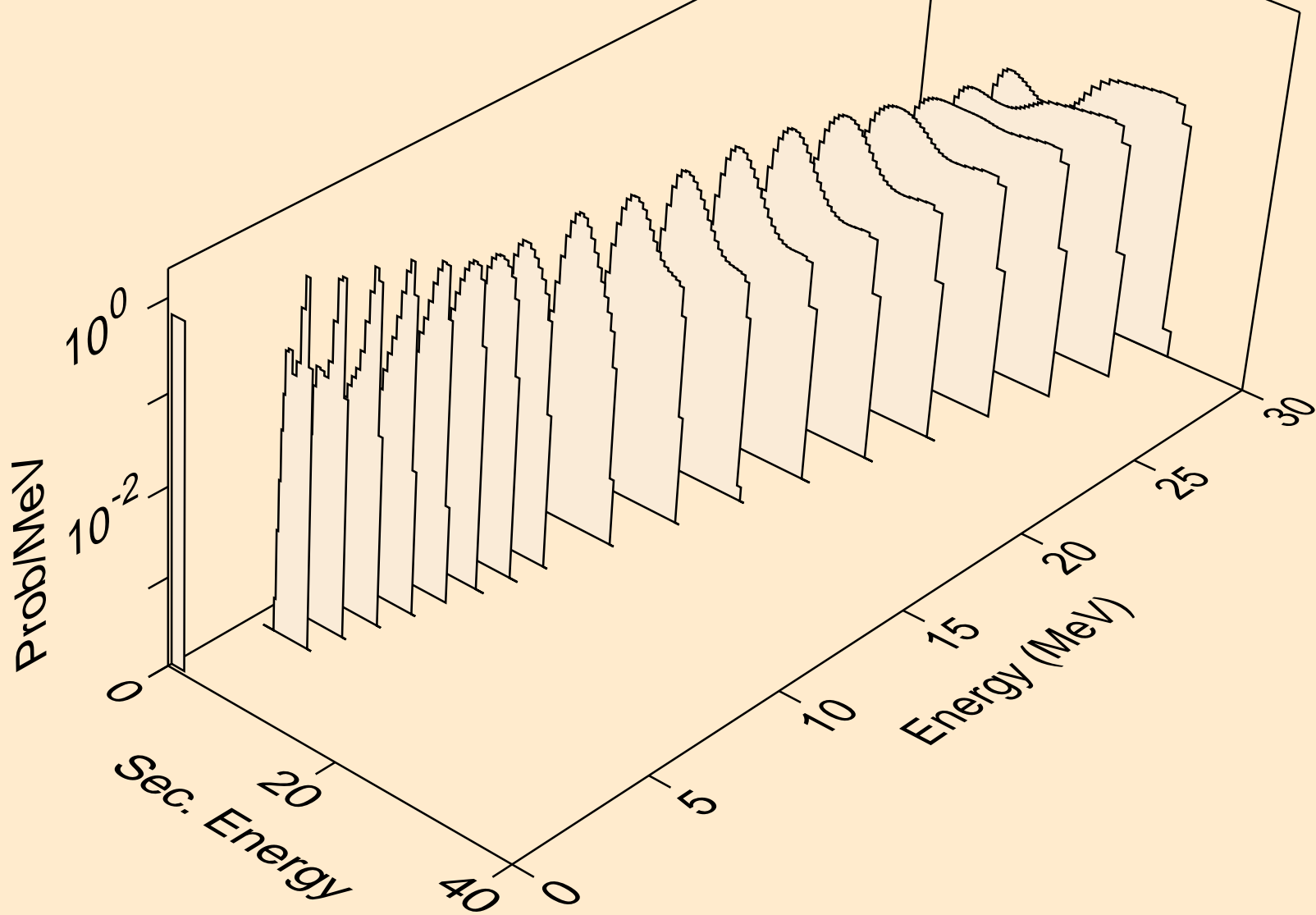
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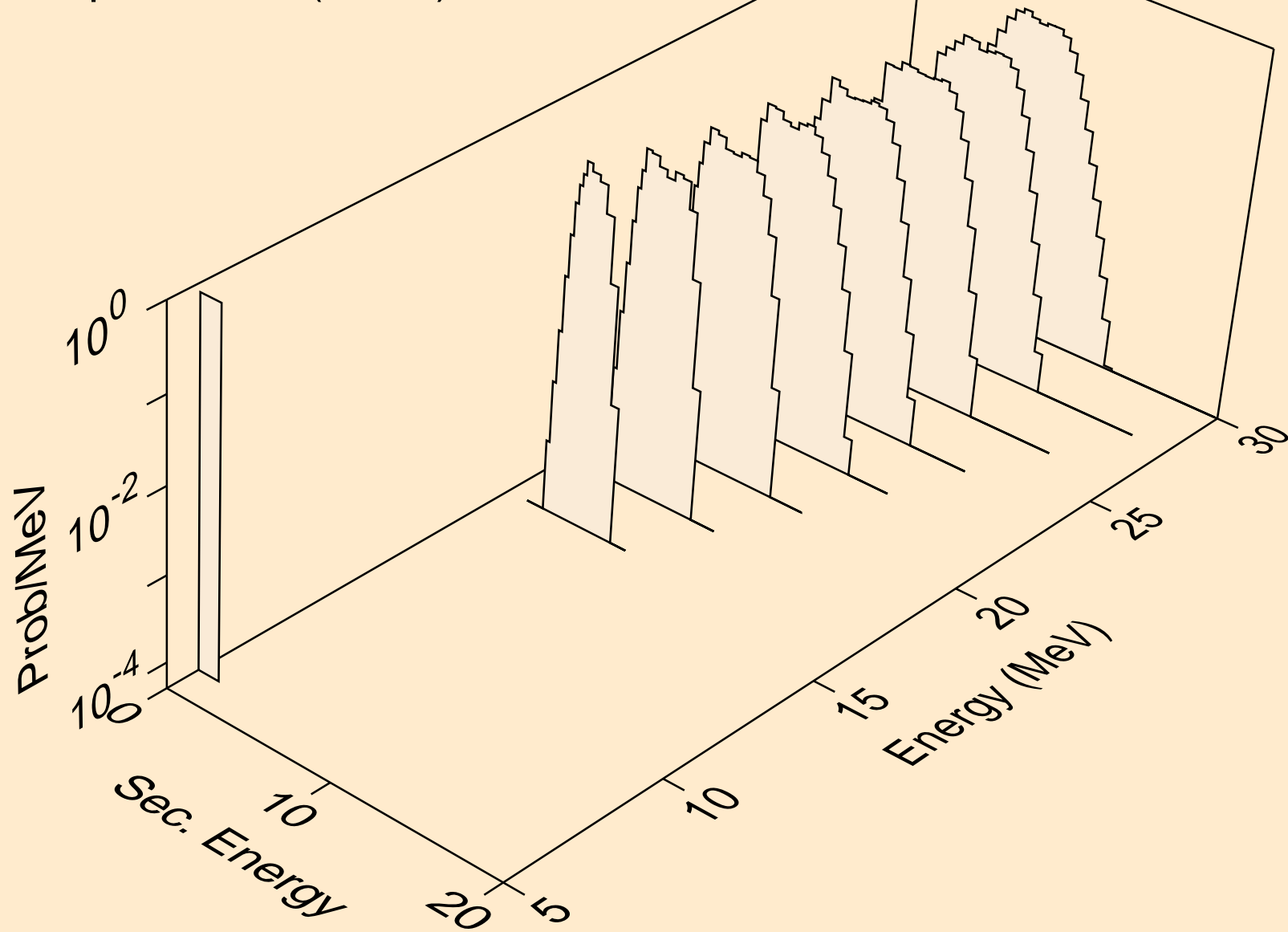
GA063 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,3a)



GA063 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,pa)



GA063 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,d2a)



GA063 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,da)

