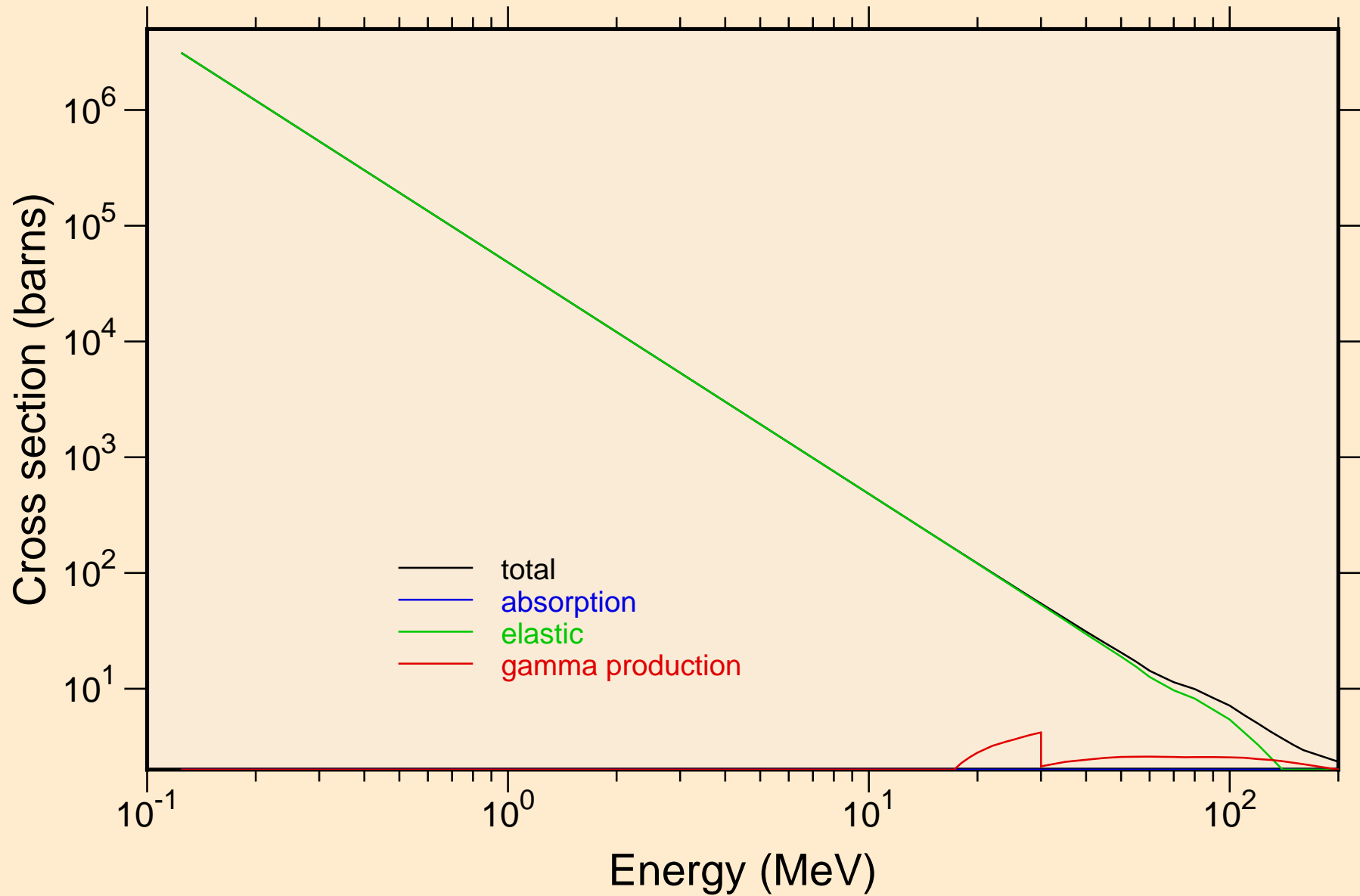
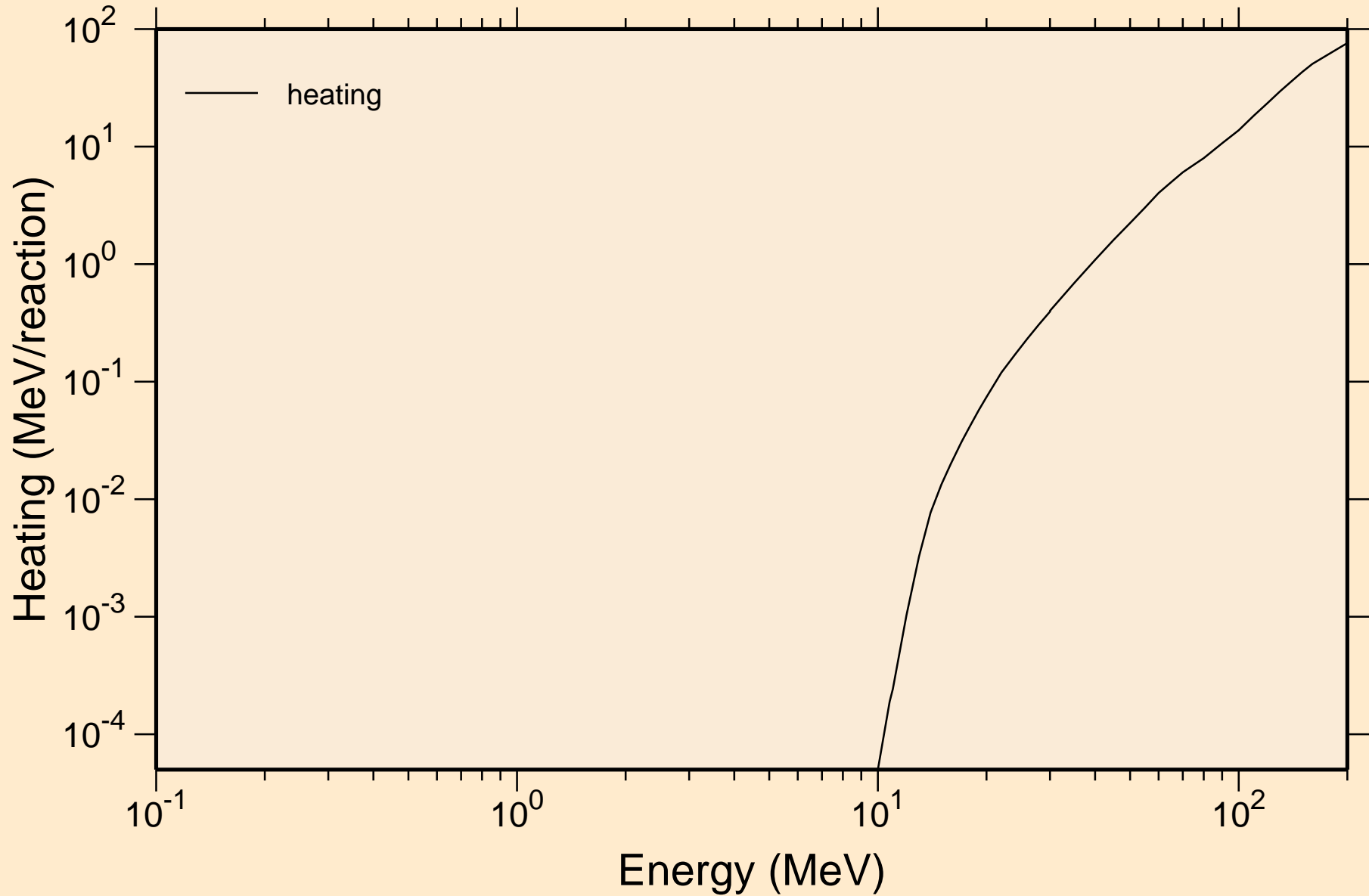


TC096 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



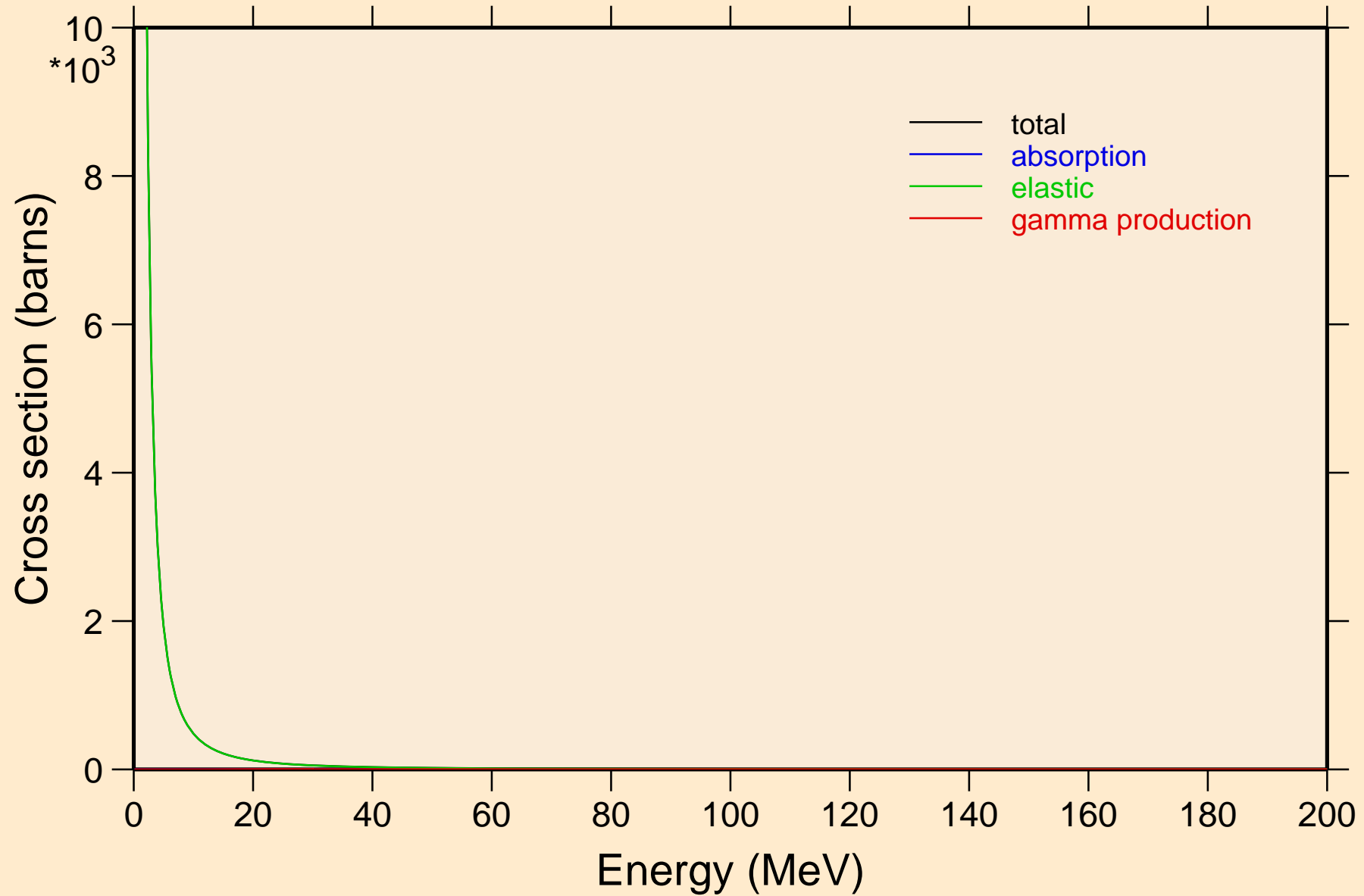
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Heating



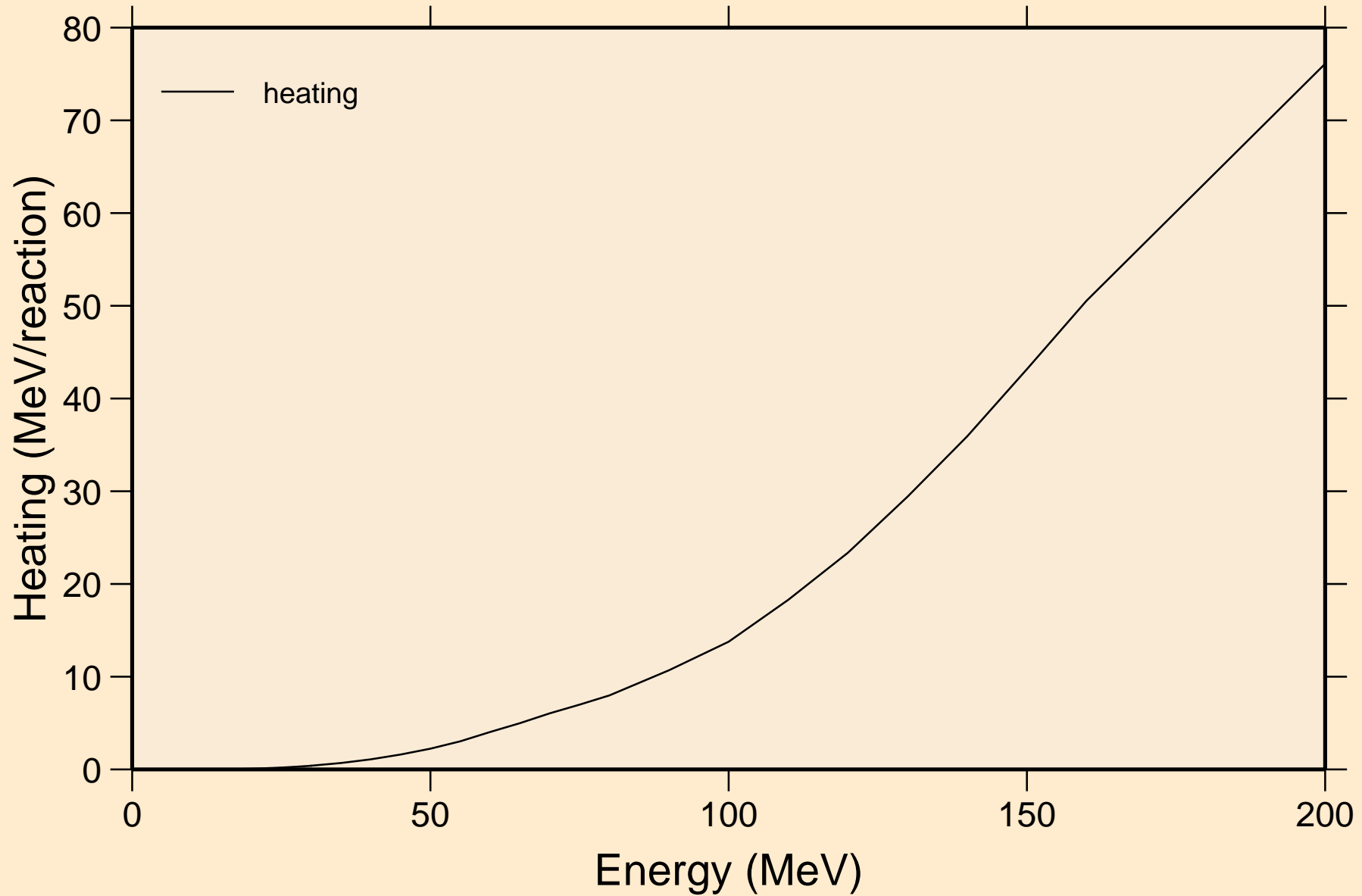
# TC096 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

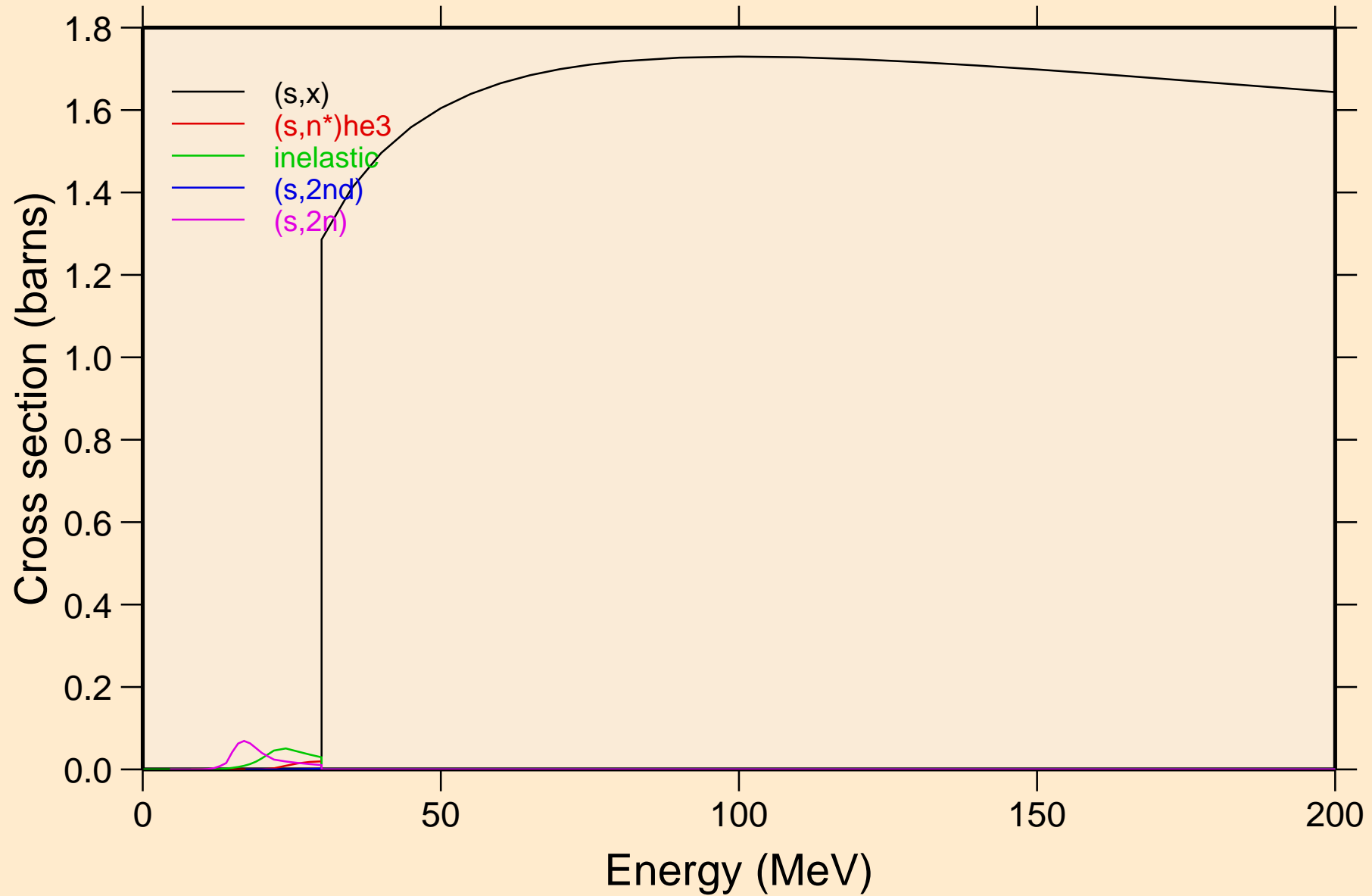


TC096 HELION ACER TENDL-2023 LIBRARY; T=0.K

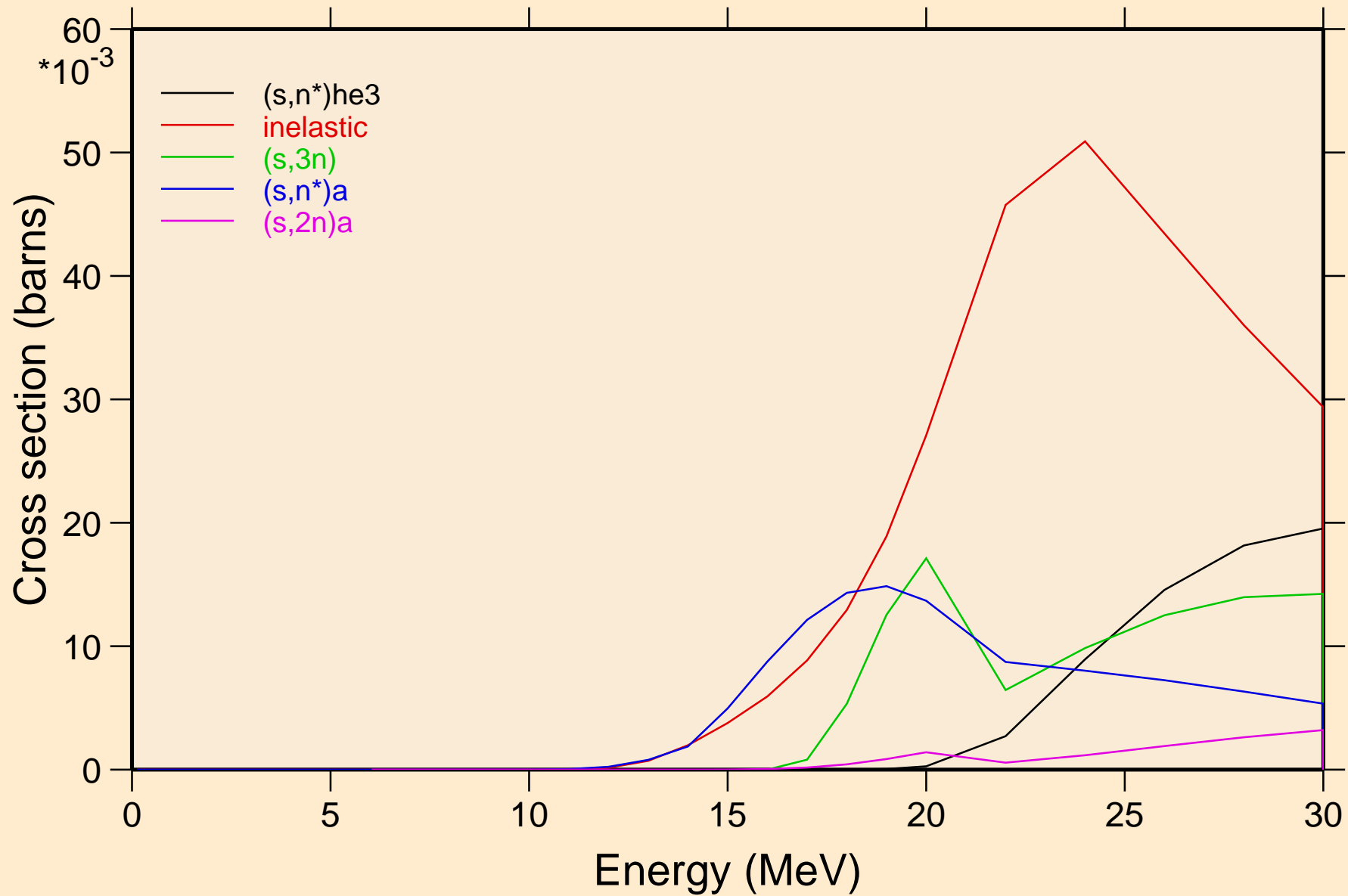
Heating



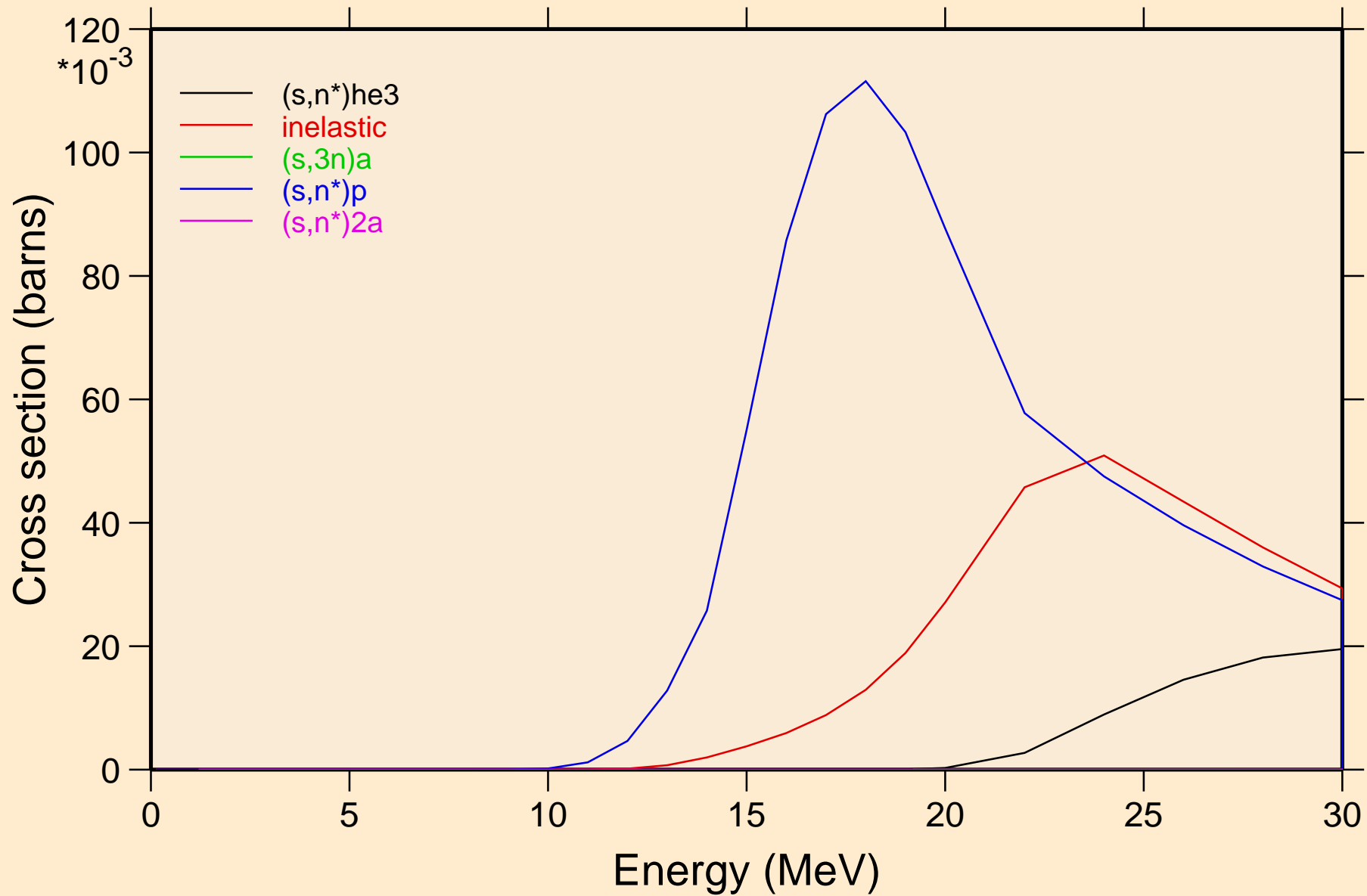
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Threshold reactions



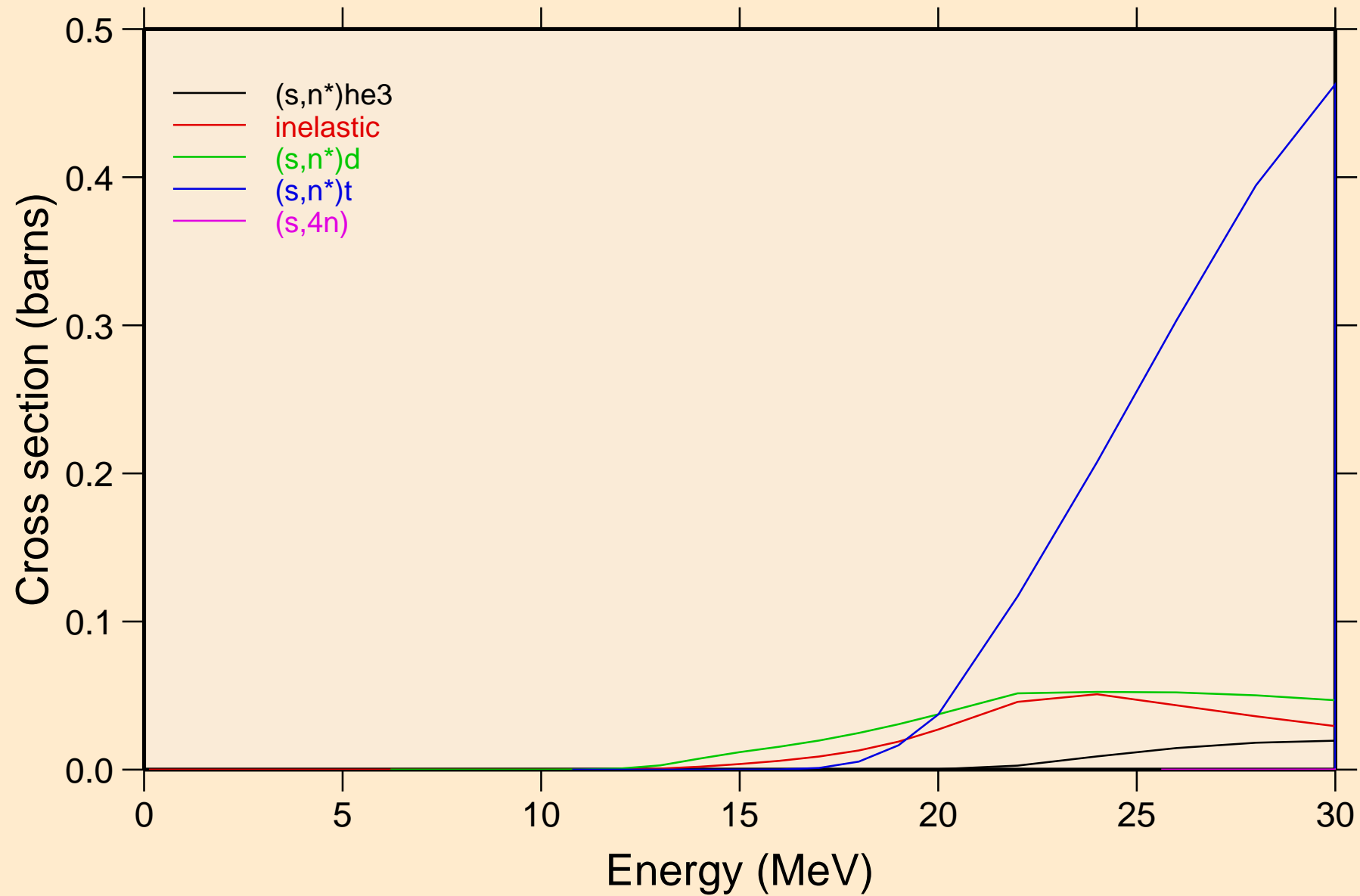
TC096 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



TC096 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

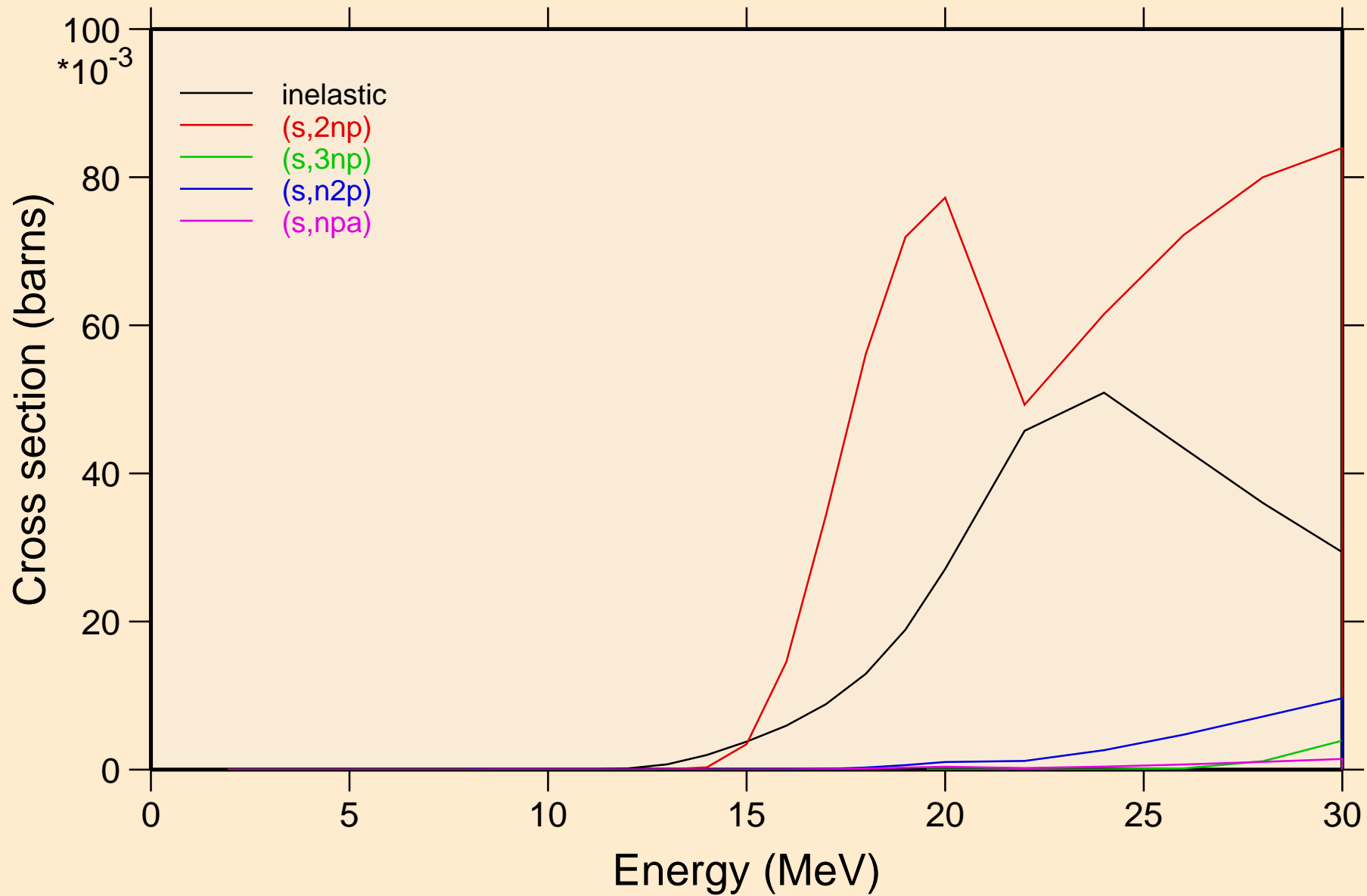


TC096 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

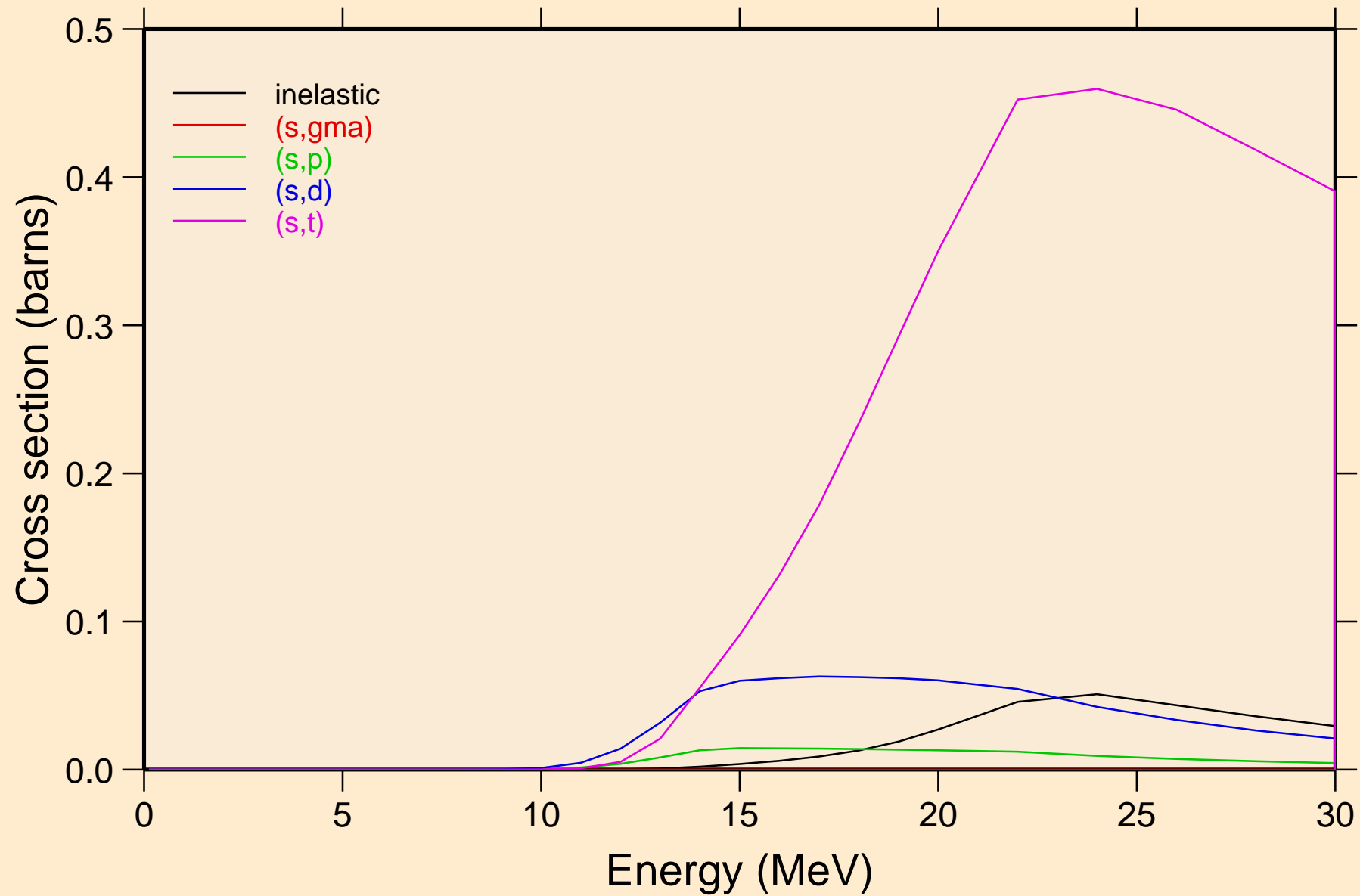




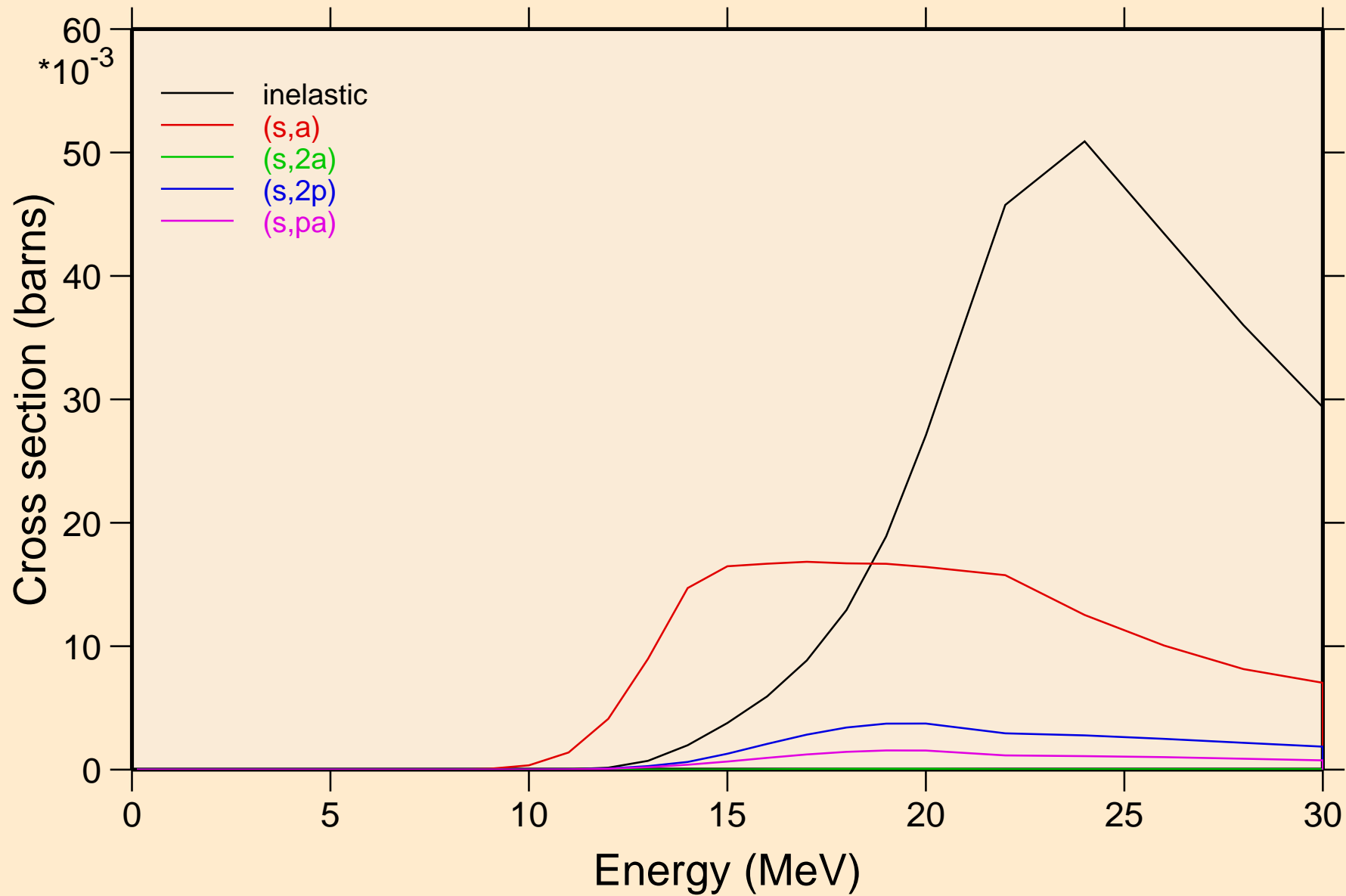
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Threshold reactions



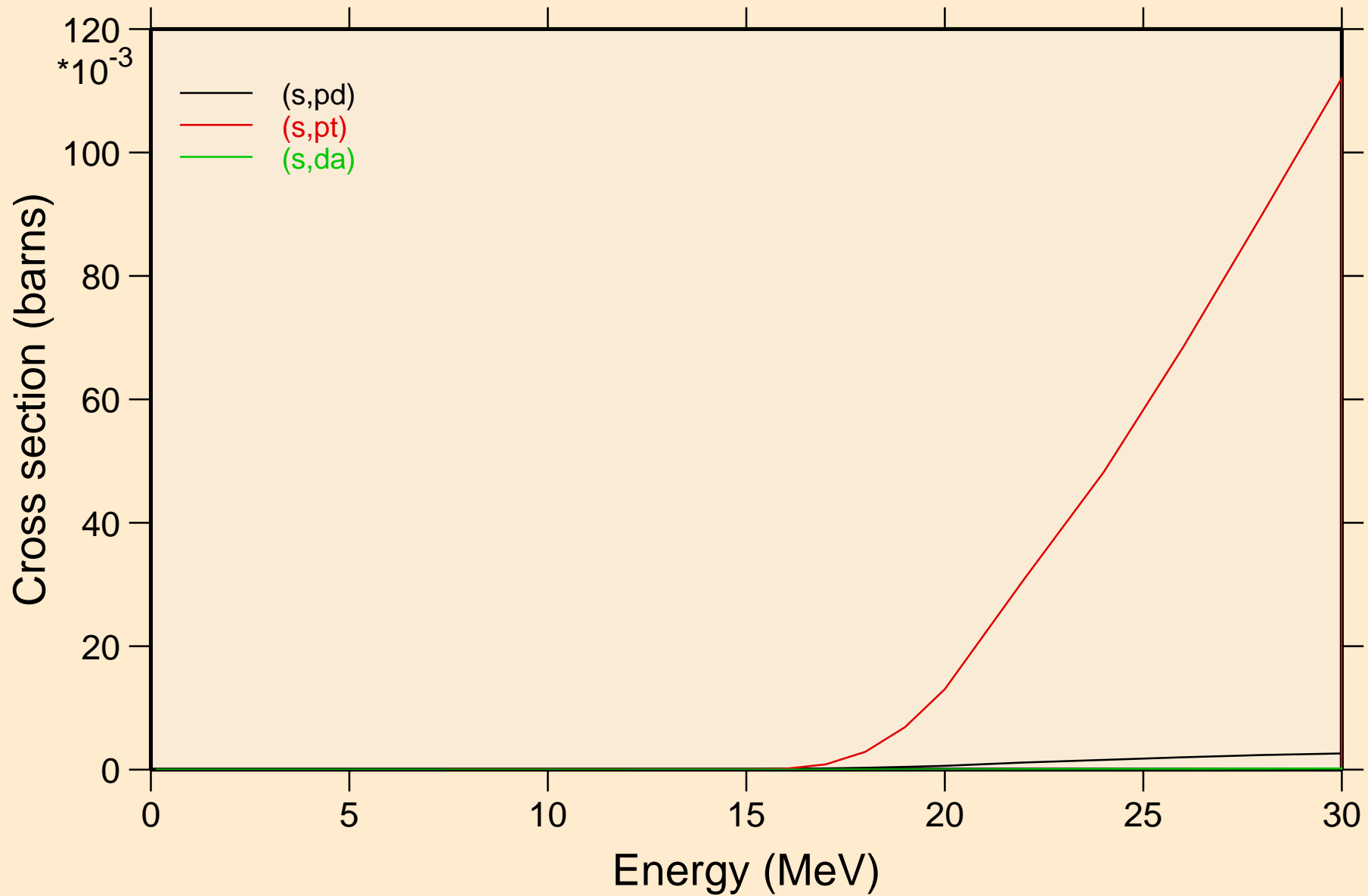
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Threshold reactions



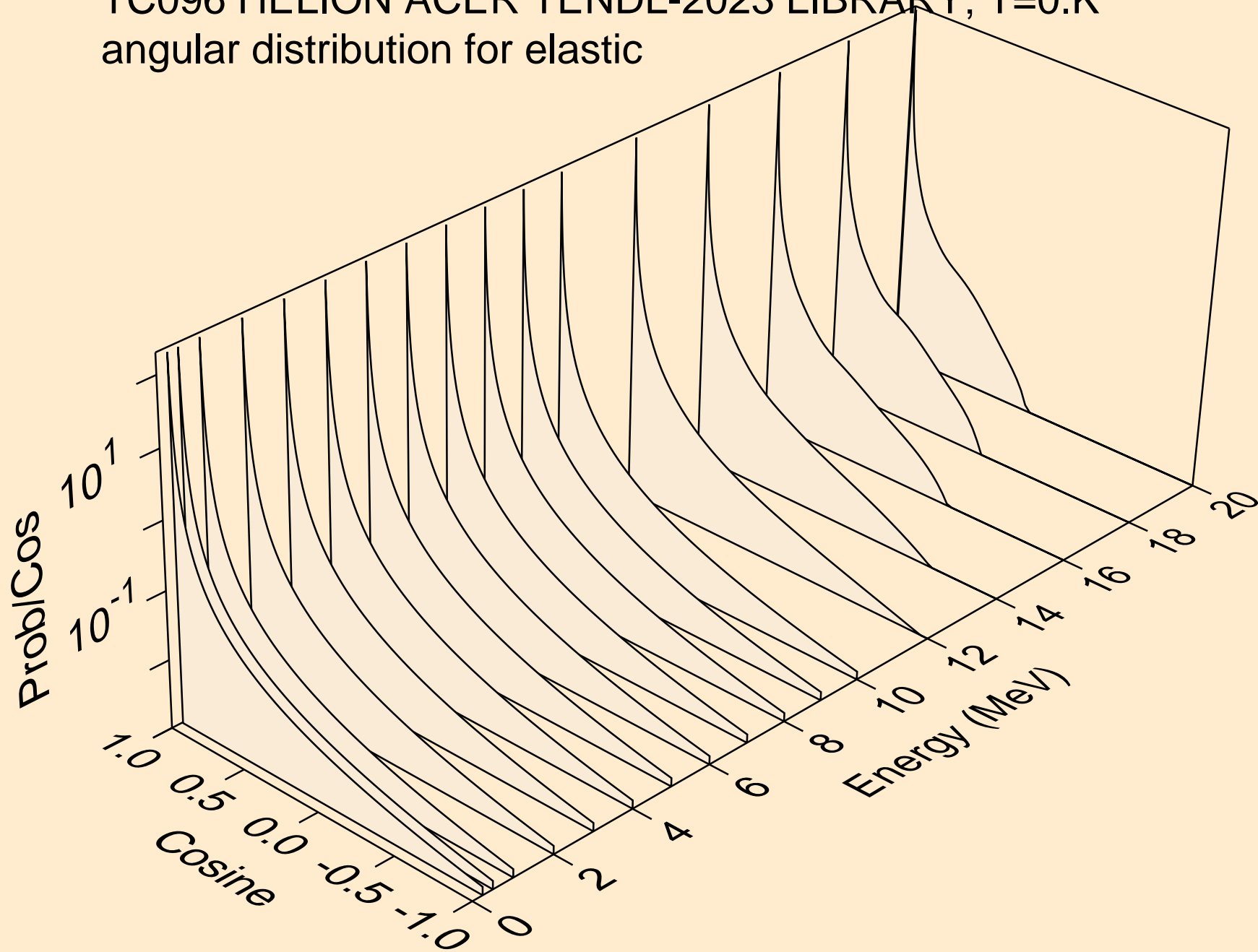
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Threshold reactions



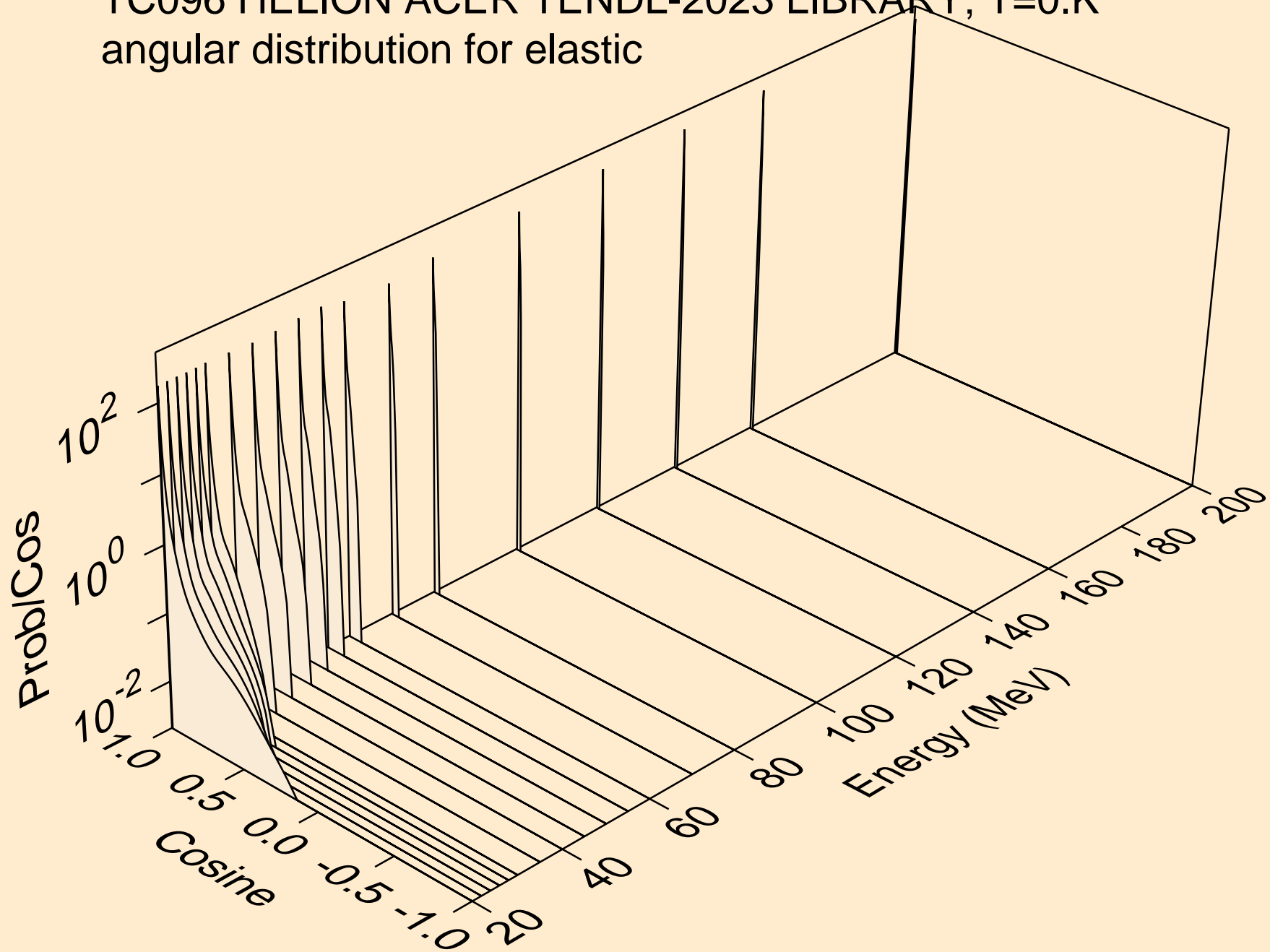
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Threshold reactions



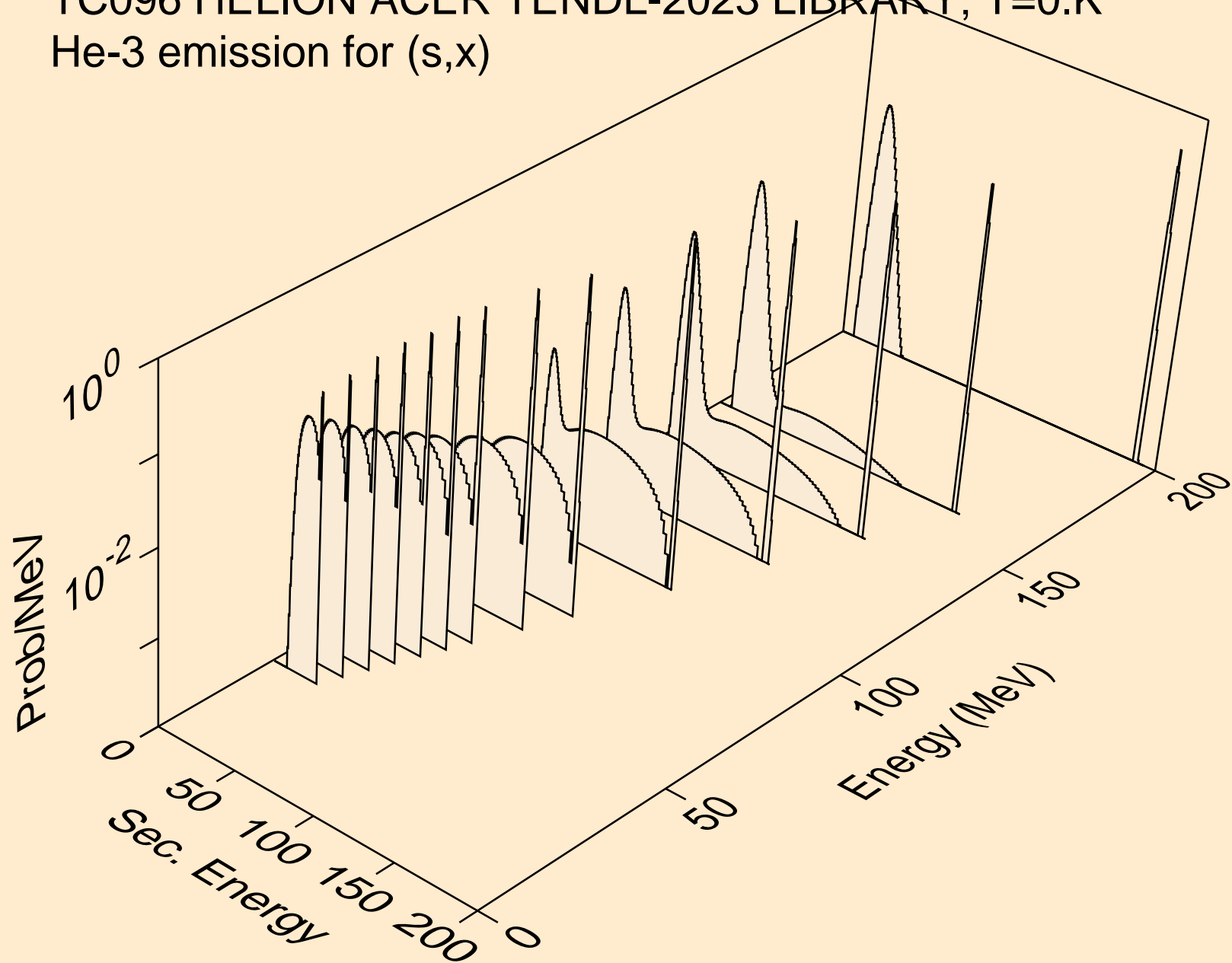
TC096 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



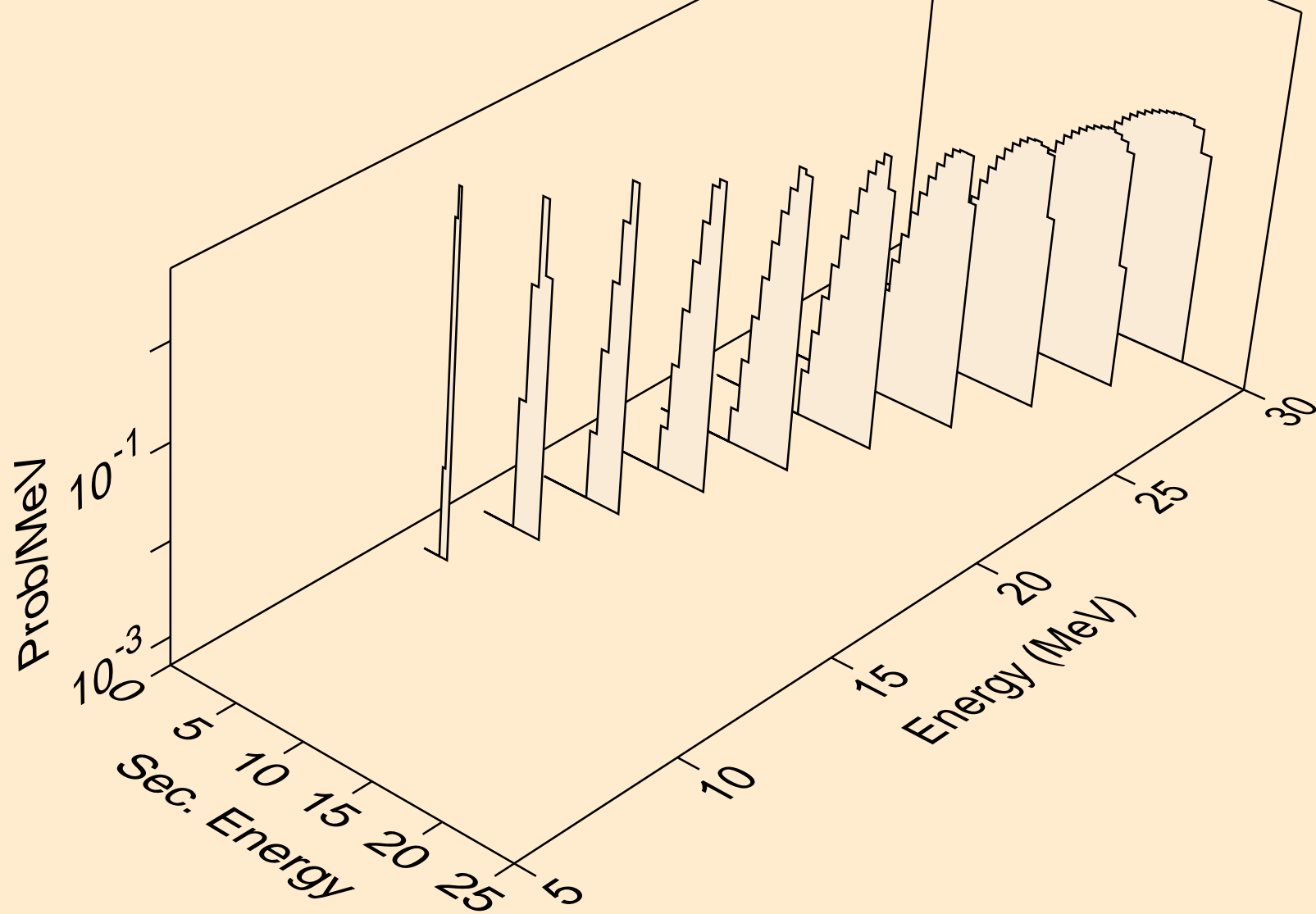
TC096 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



TC096 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,x)

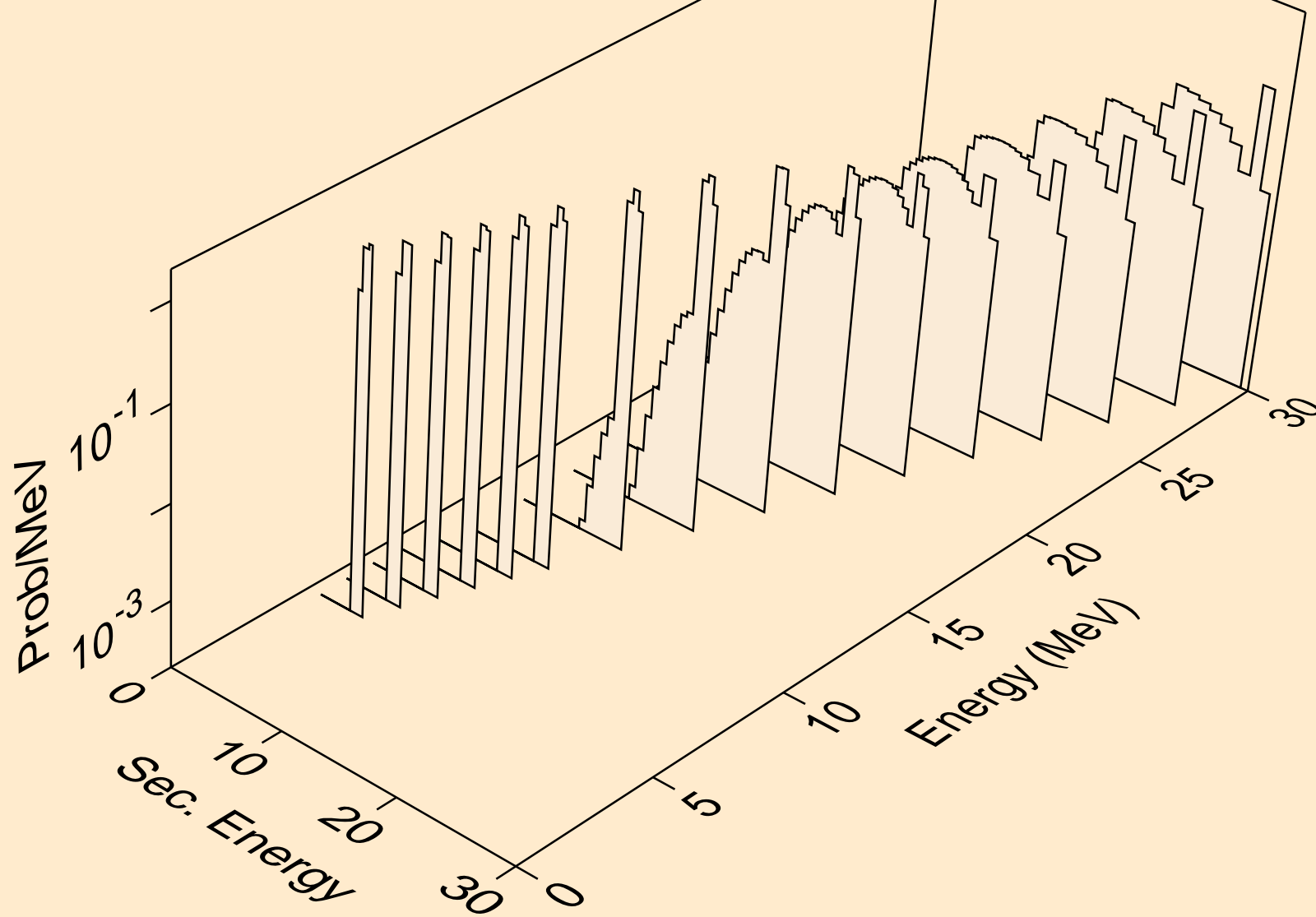


TC096 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

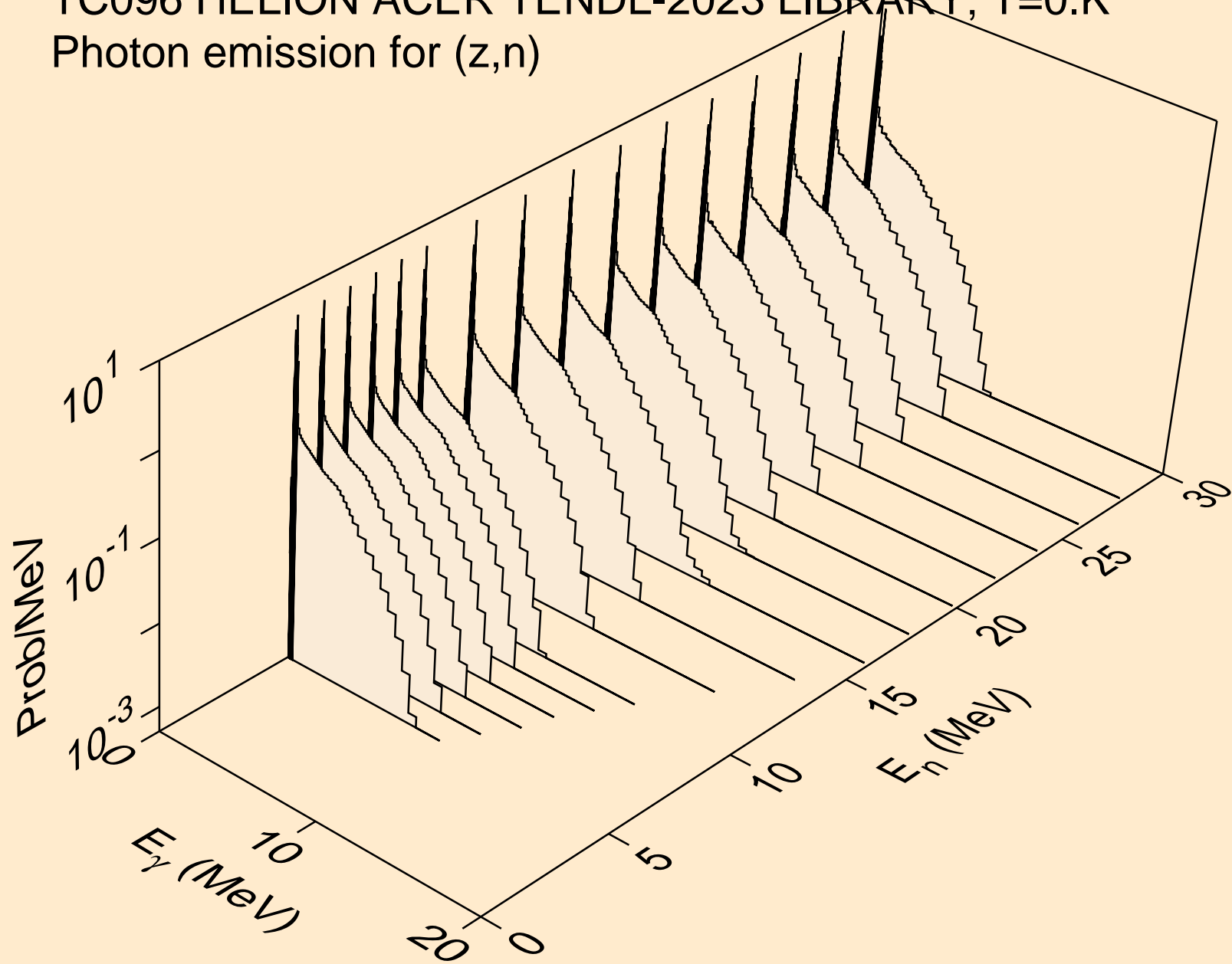




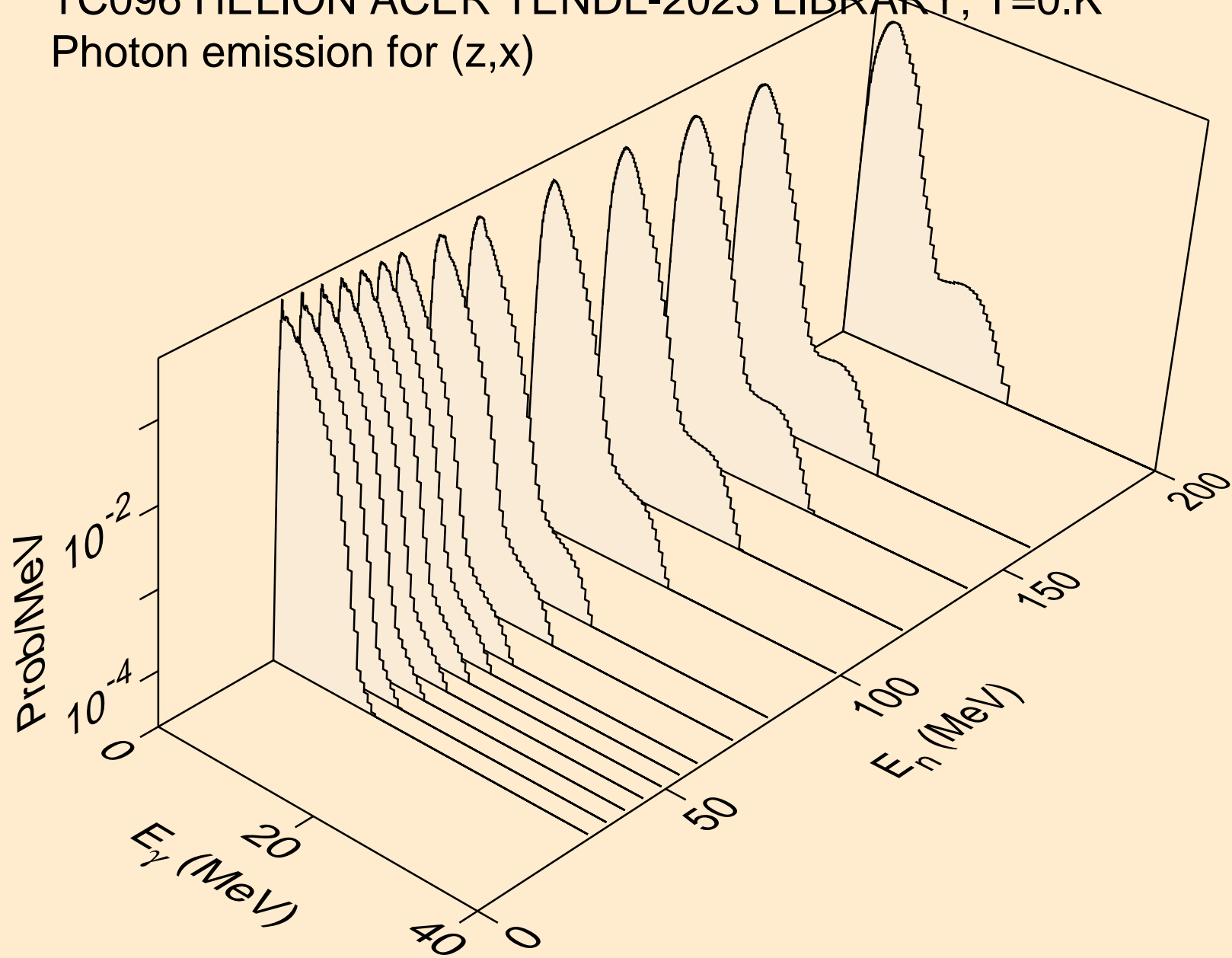
TC096 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for inelastic



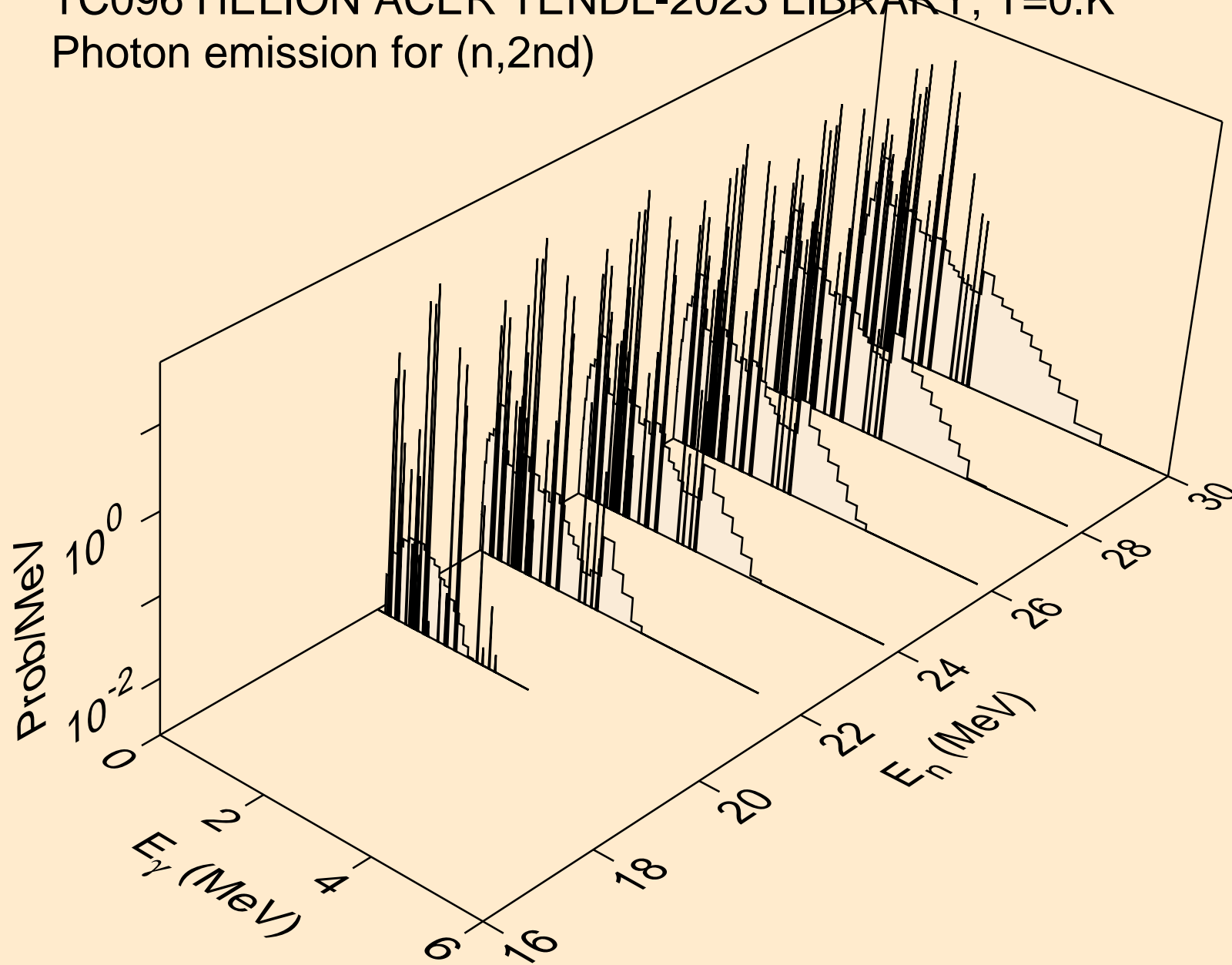
TC096 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



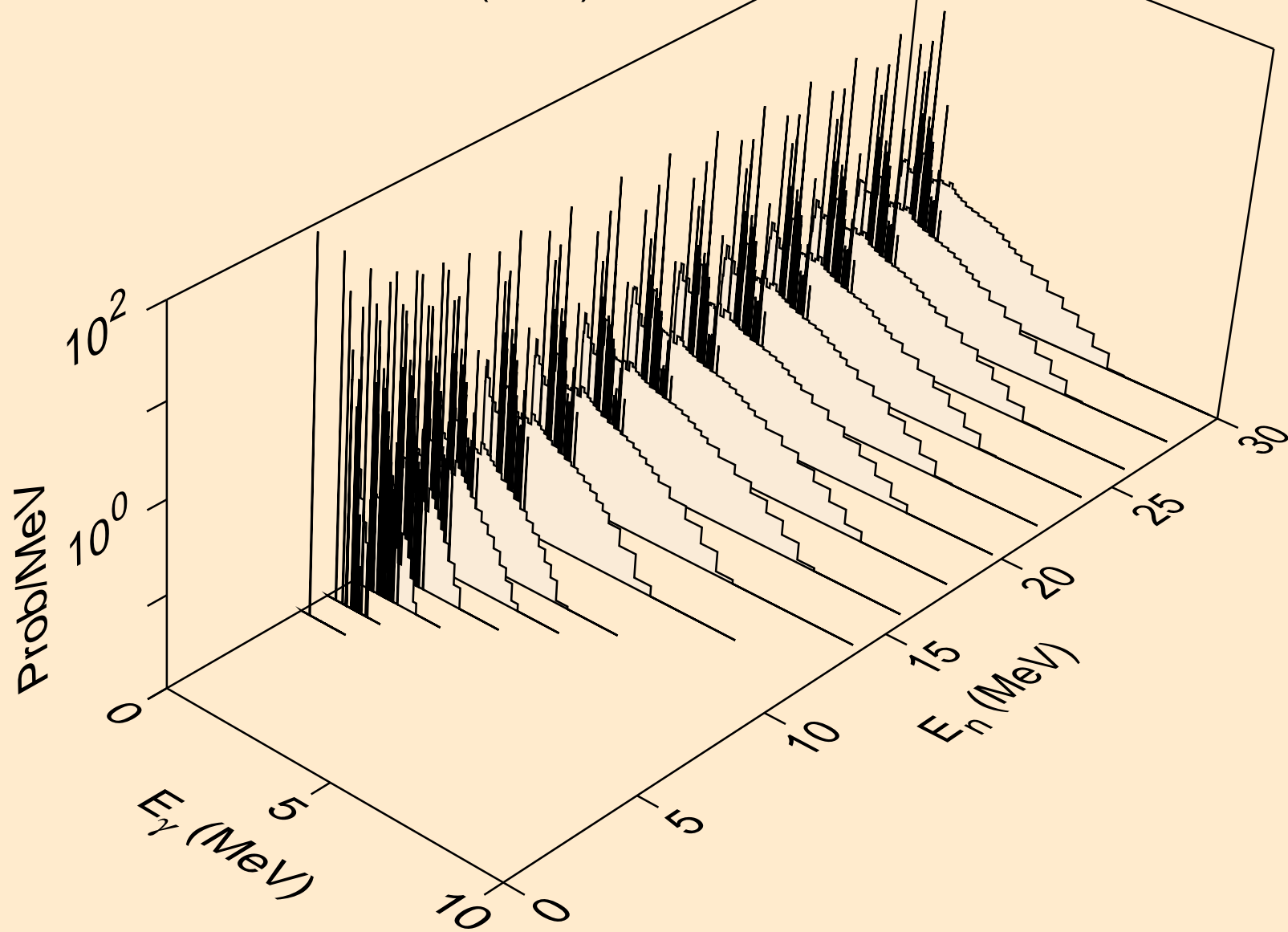
TC096 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



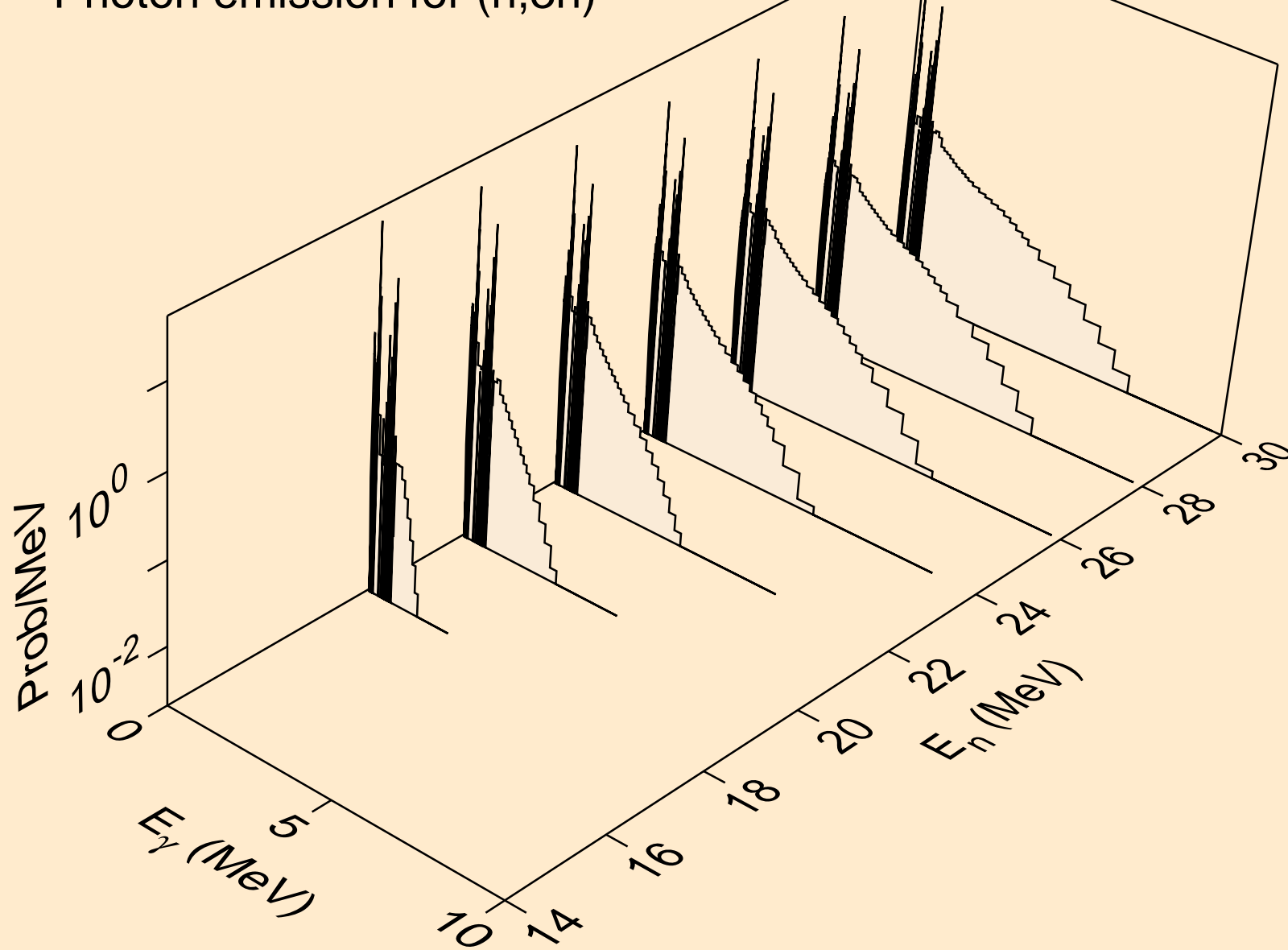
TC096 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



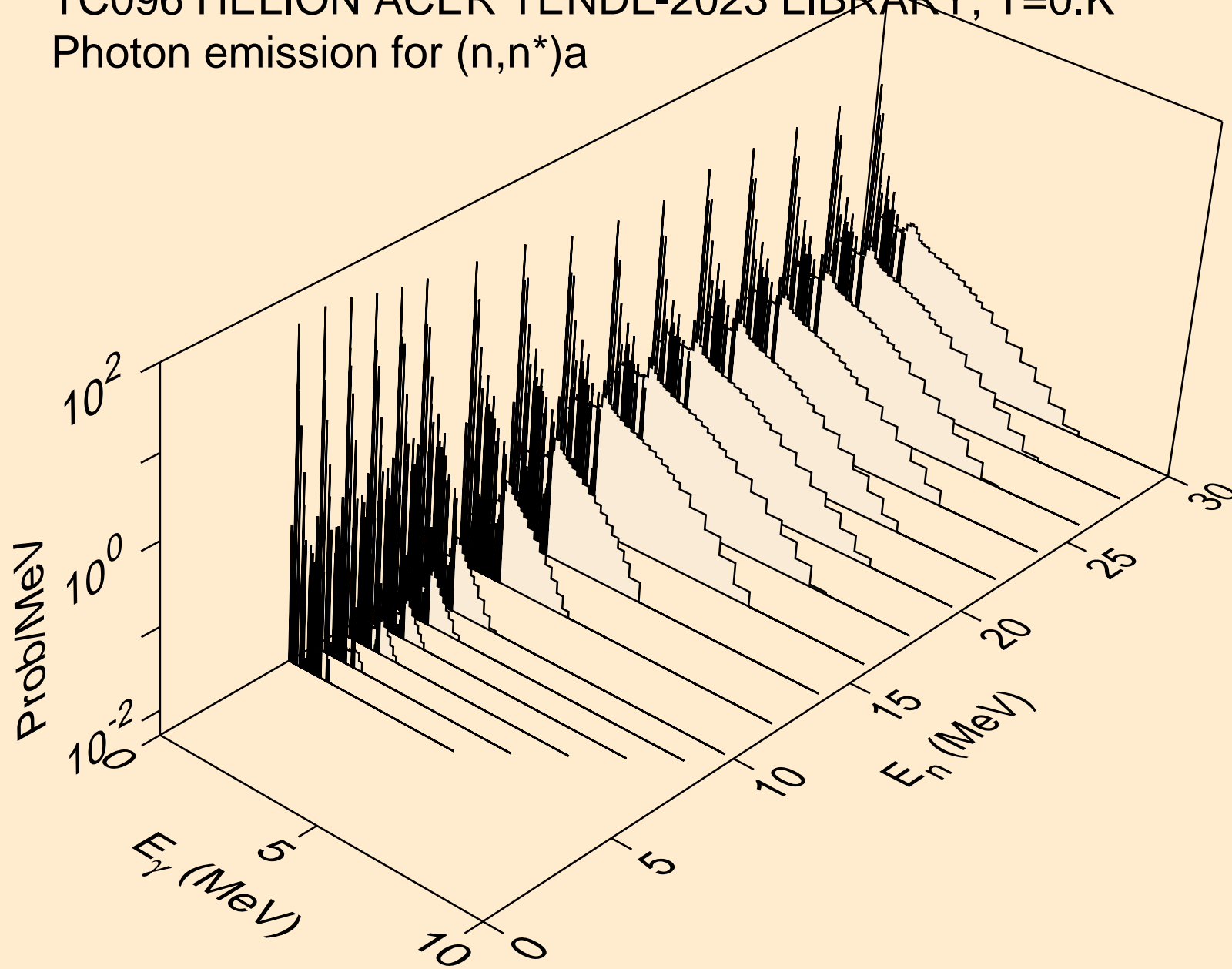
TC096 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



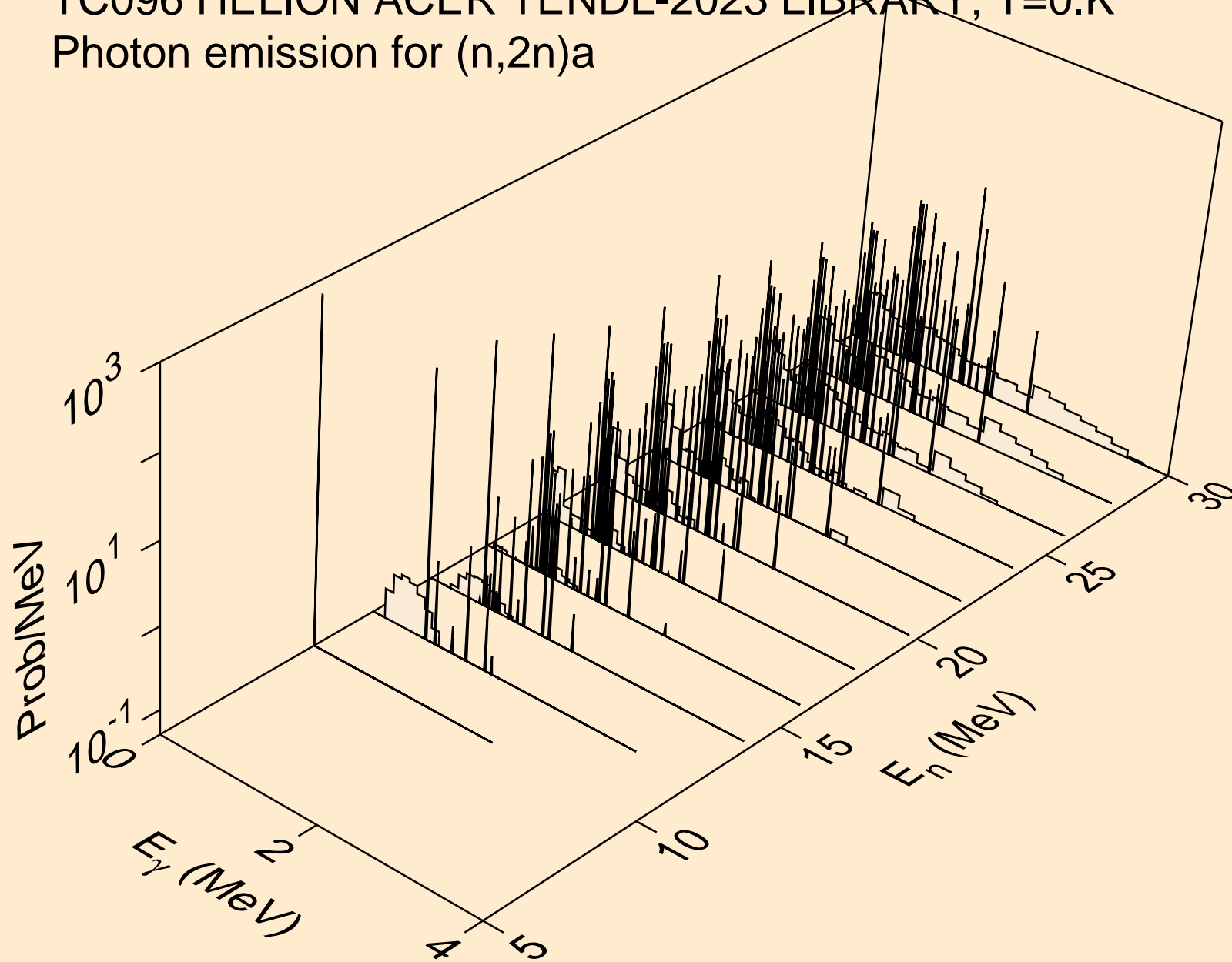
TC096 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



TC096 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

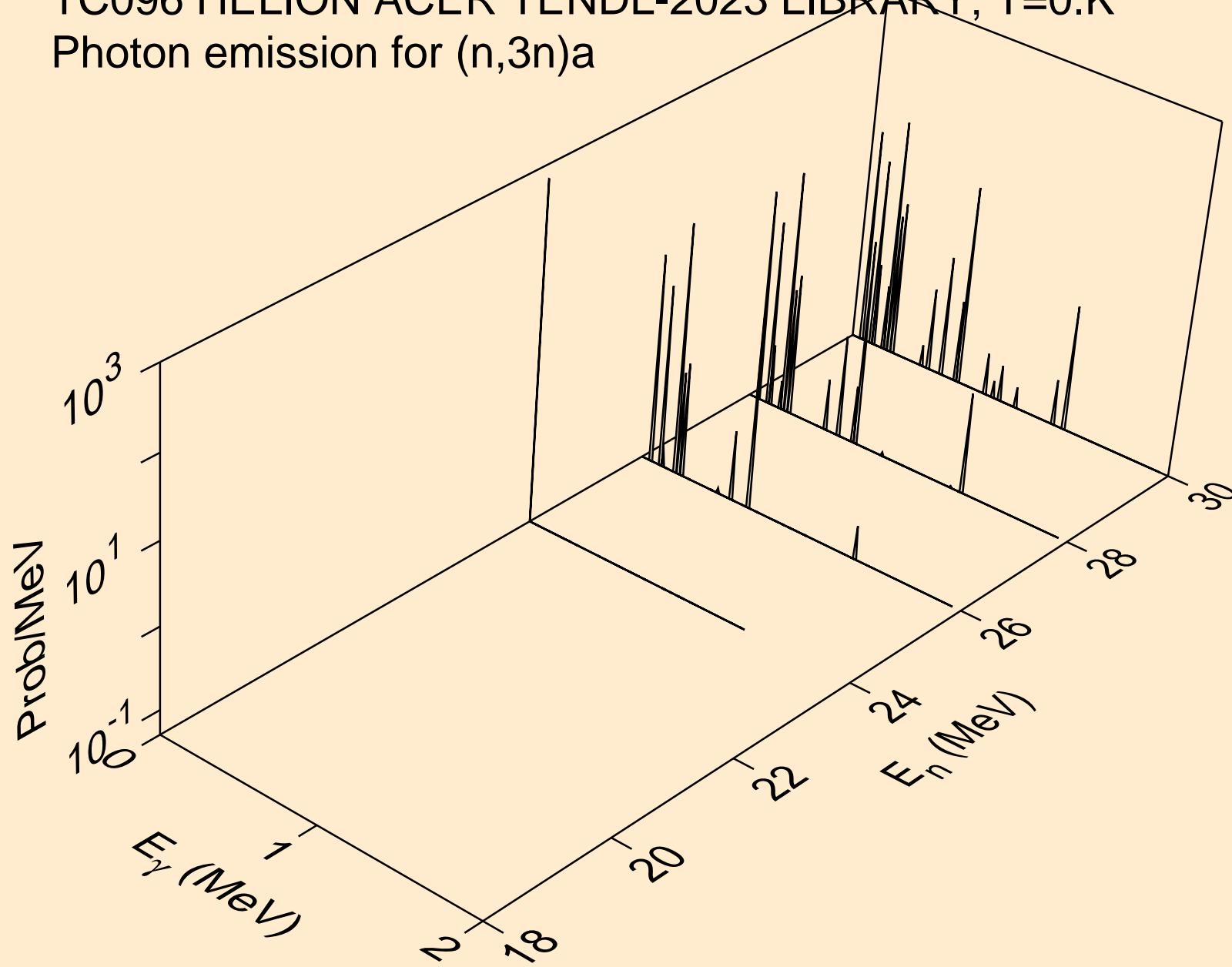


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Photon emission for (n,2n)a

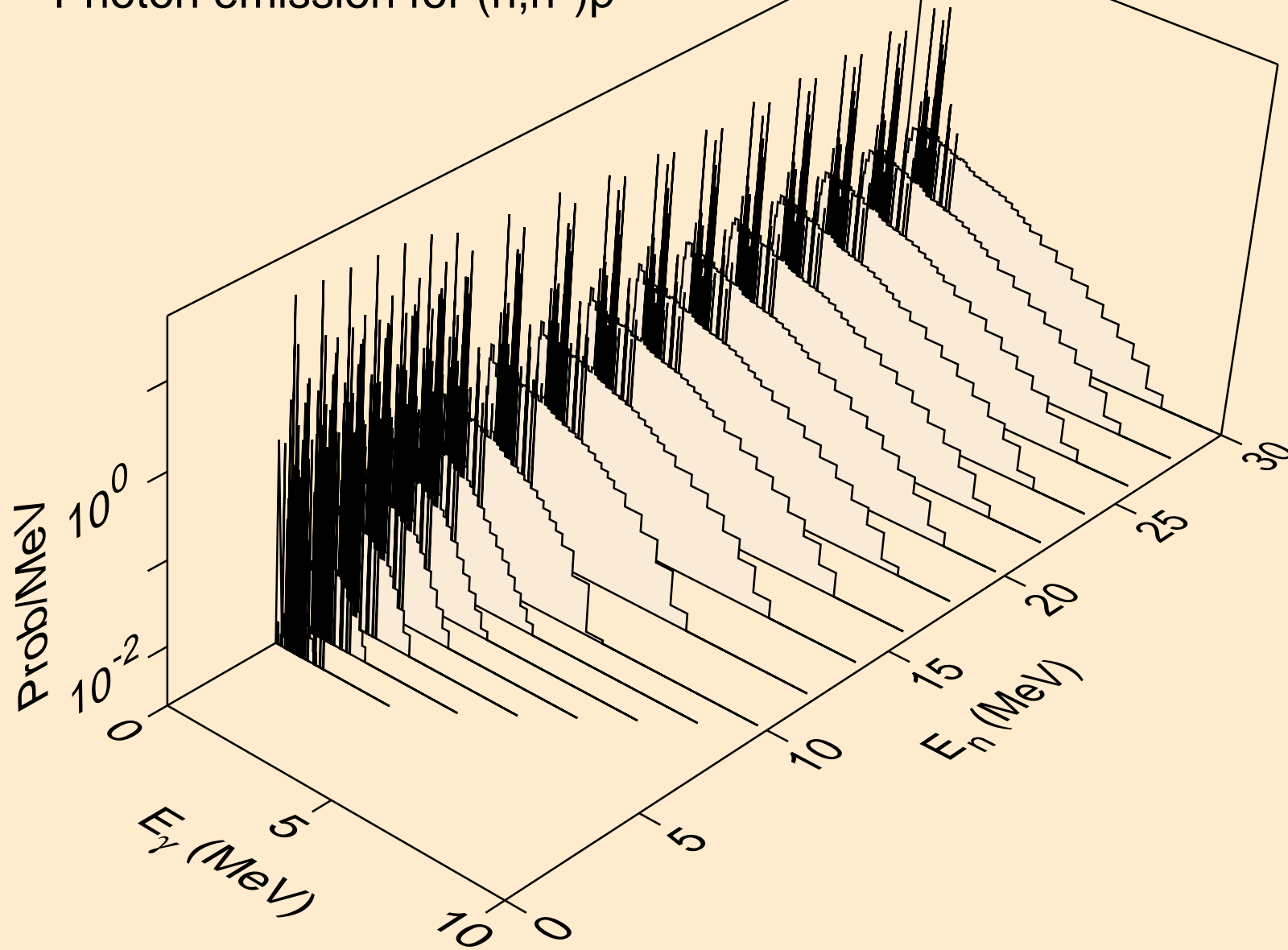




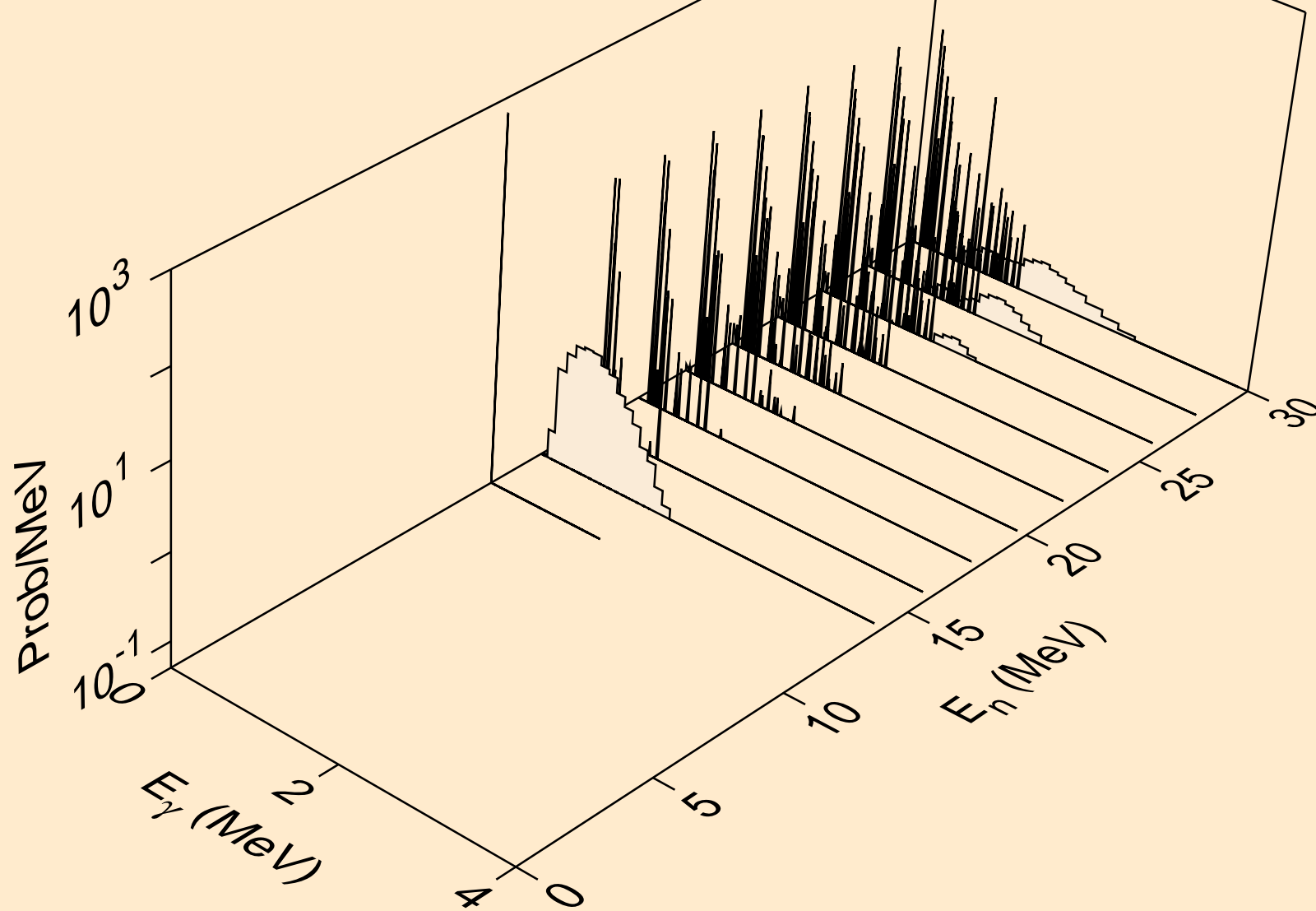
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Photon emission for (n,3n)a



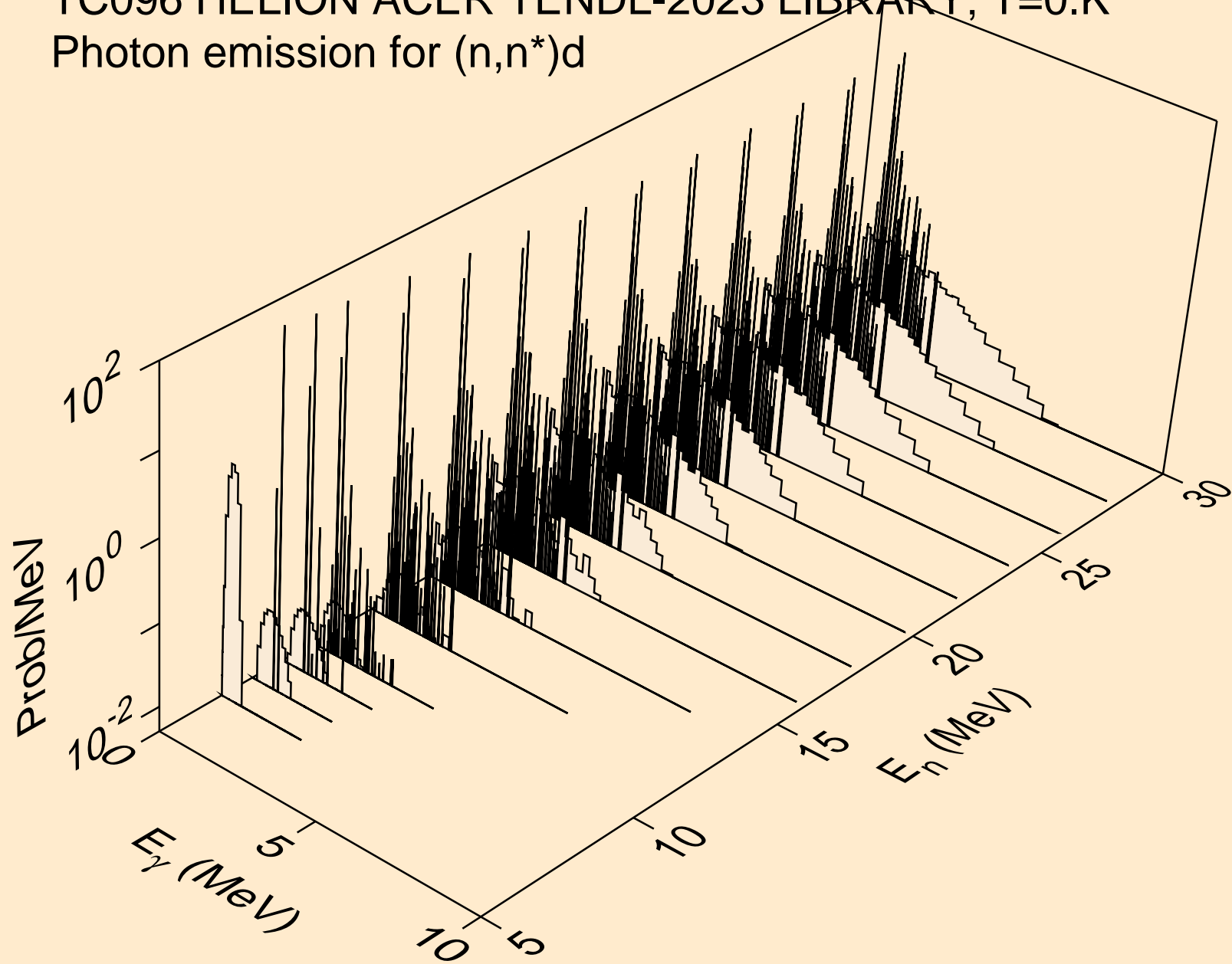
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Photon emission for (n,n\*)p



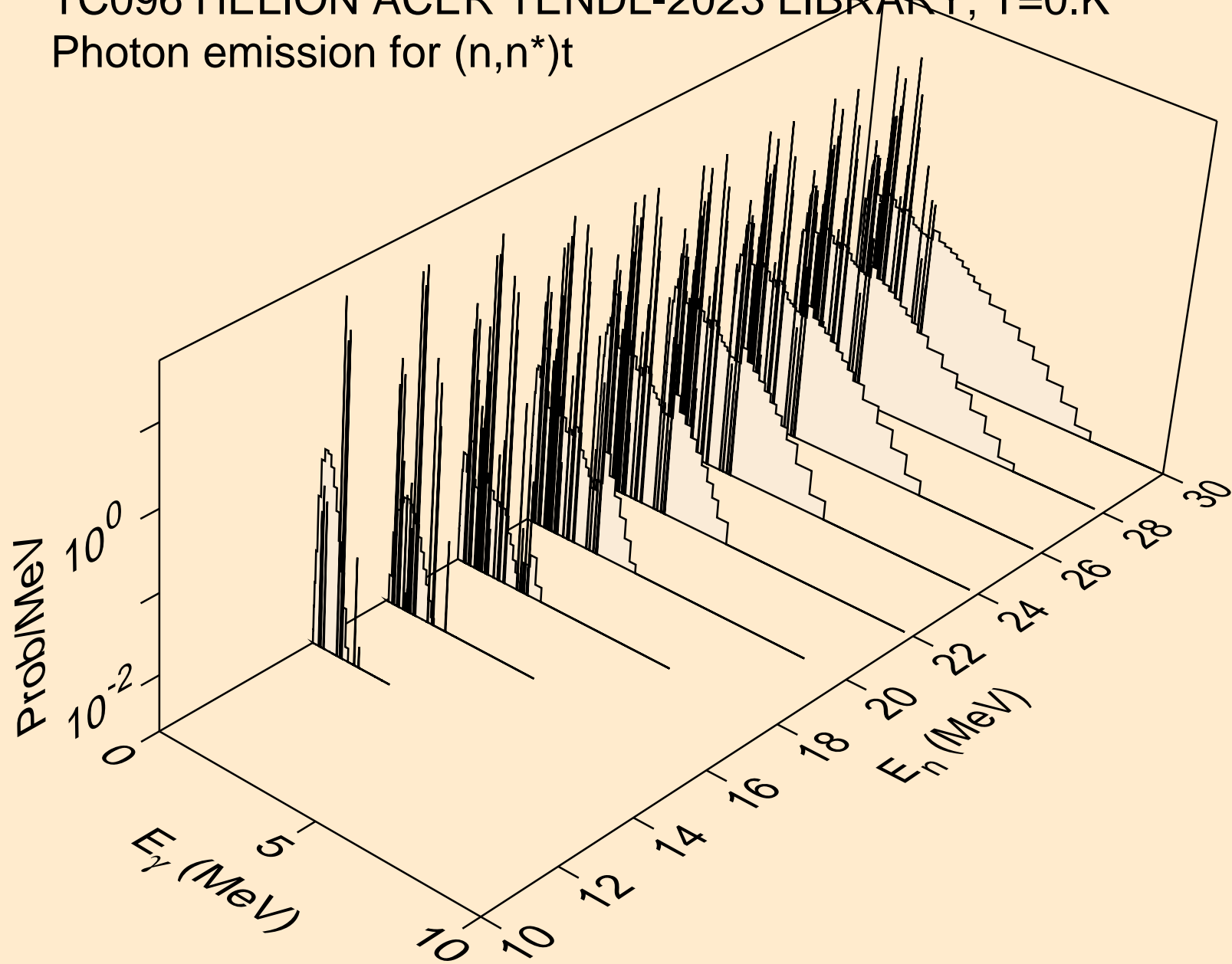
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Photon emission for (n,n\*)2a



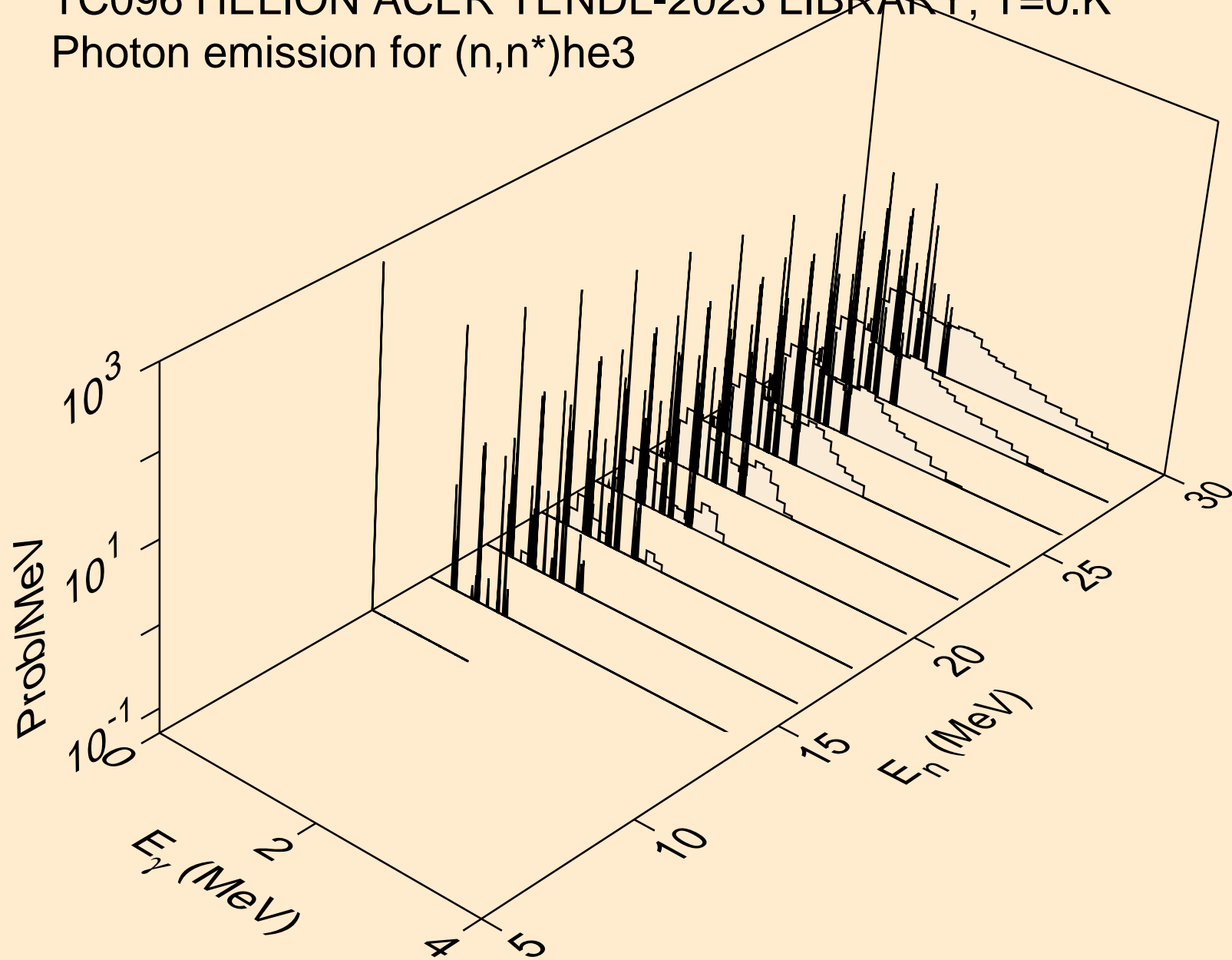
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Photon emission for (n,n\*)d



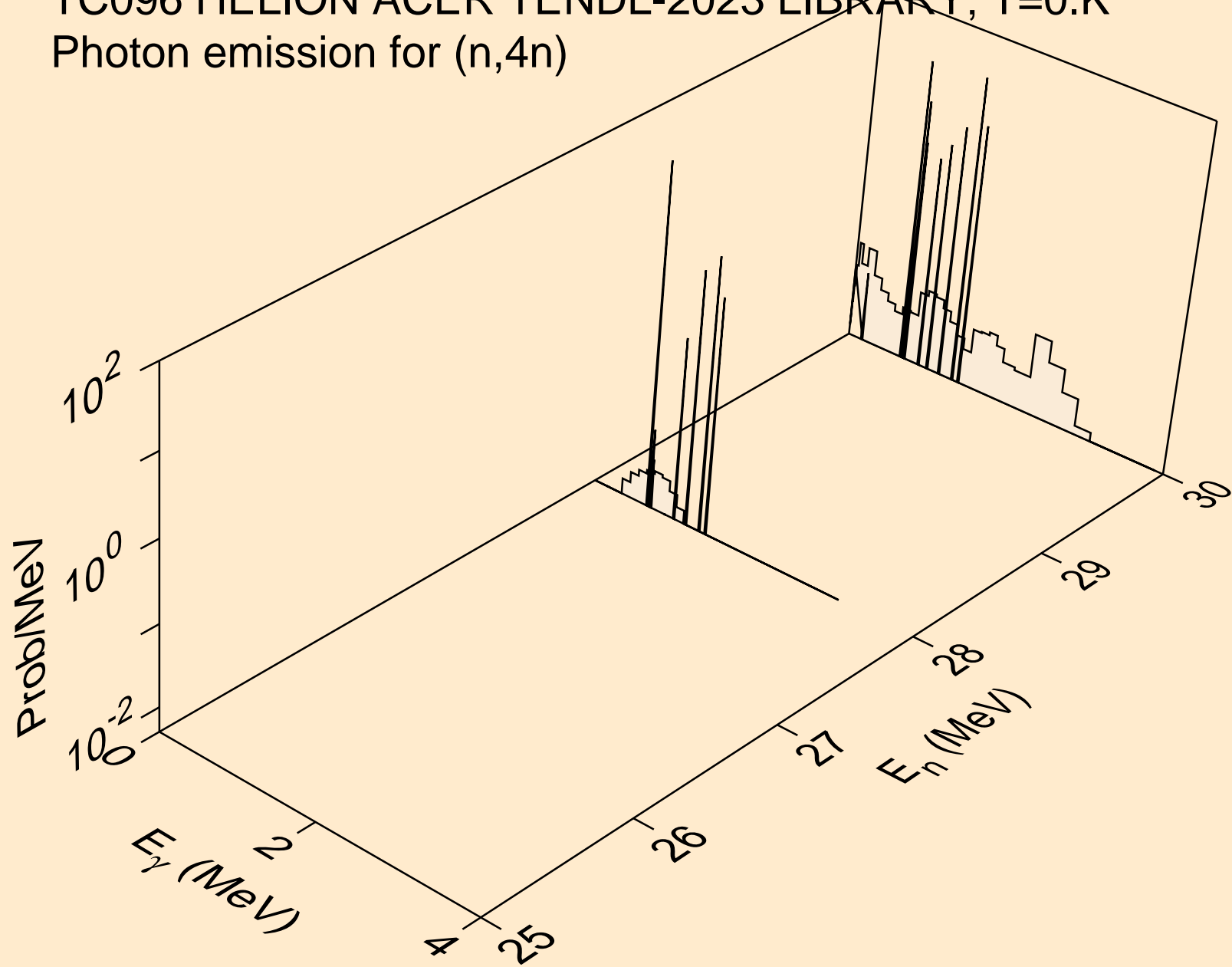
TC096 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



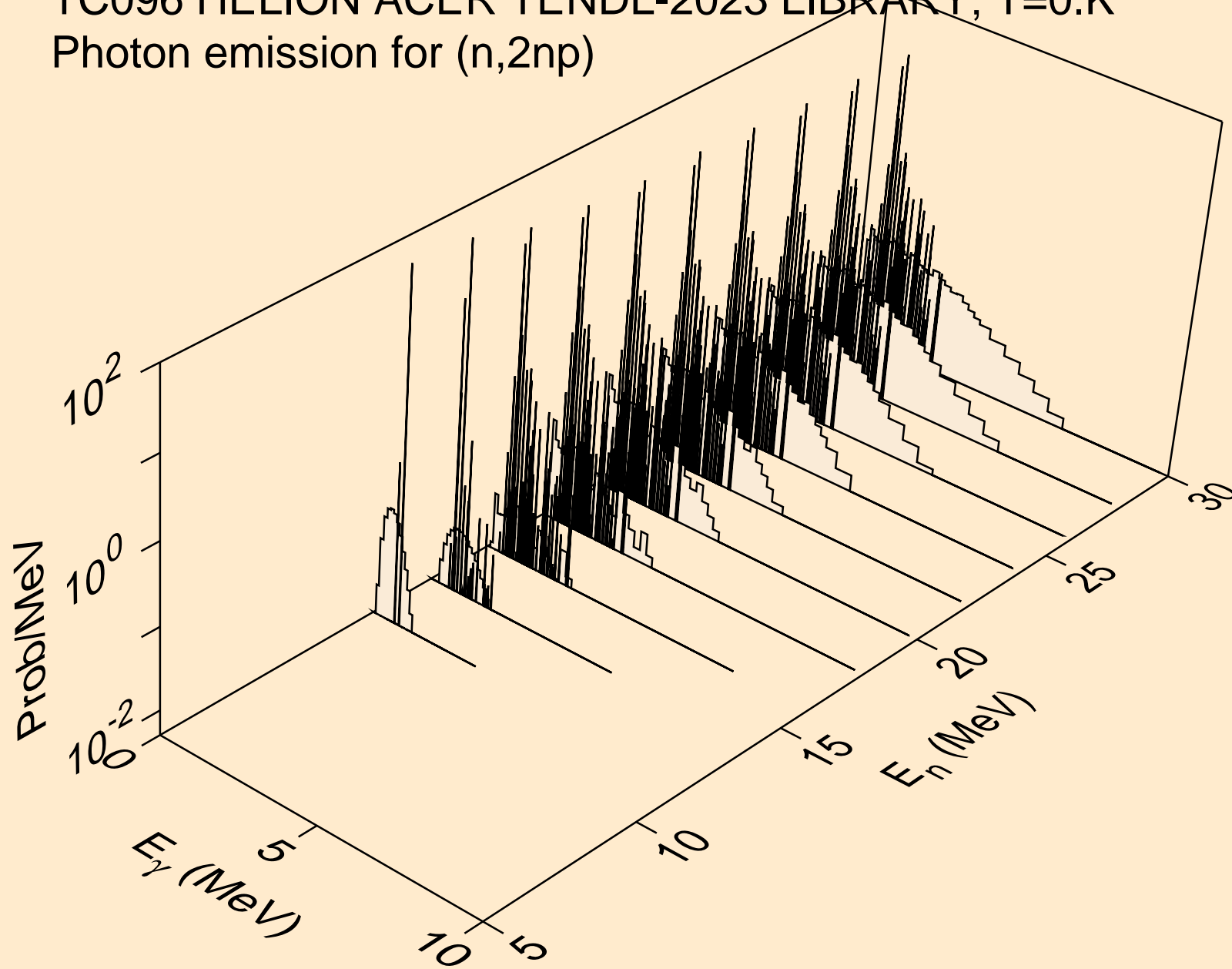
TC096 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



TC096 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)

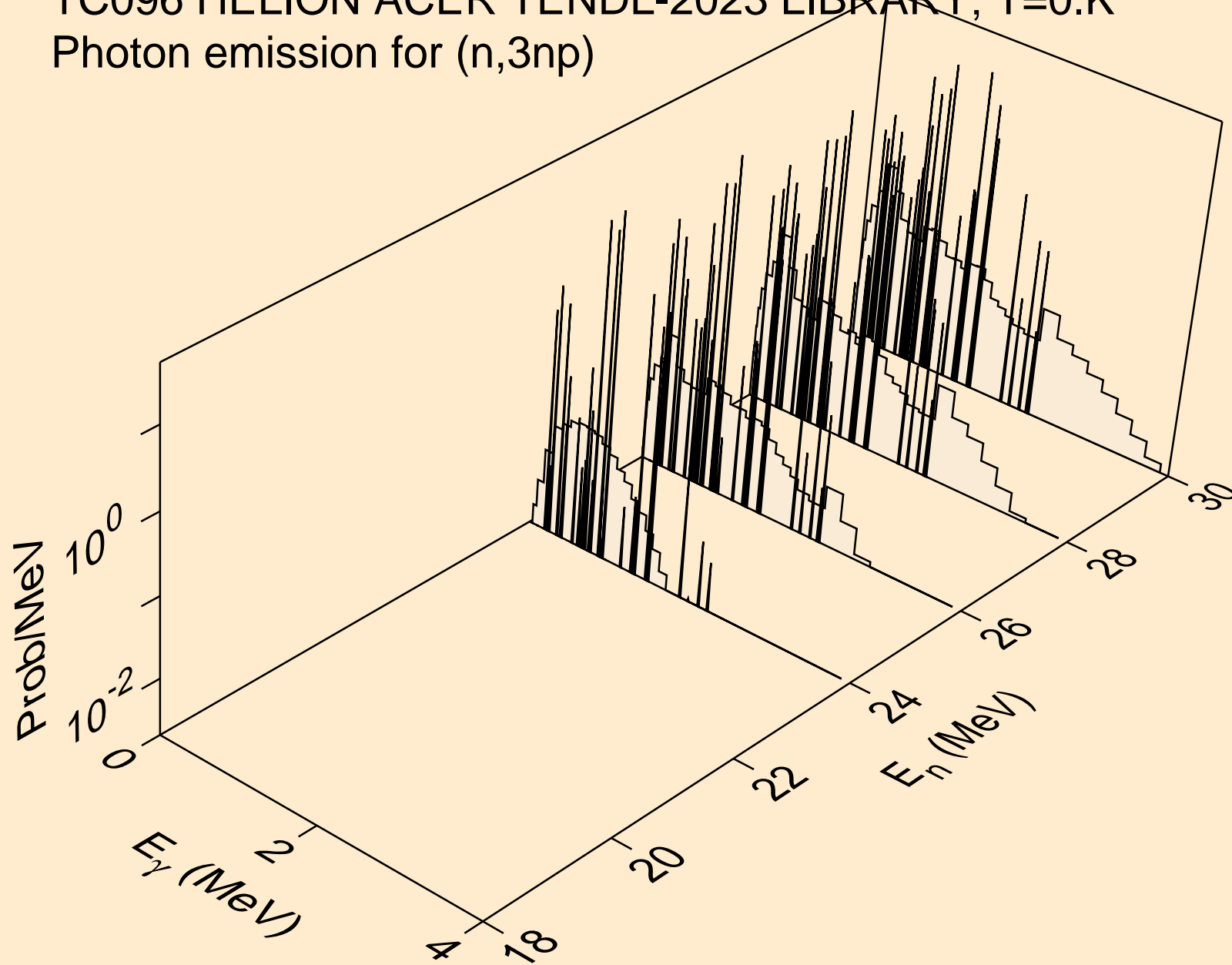


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Photon emission for (n,2np)

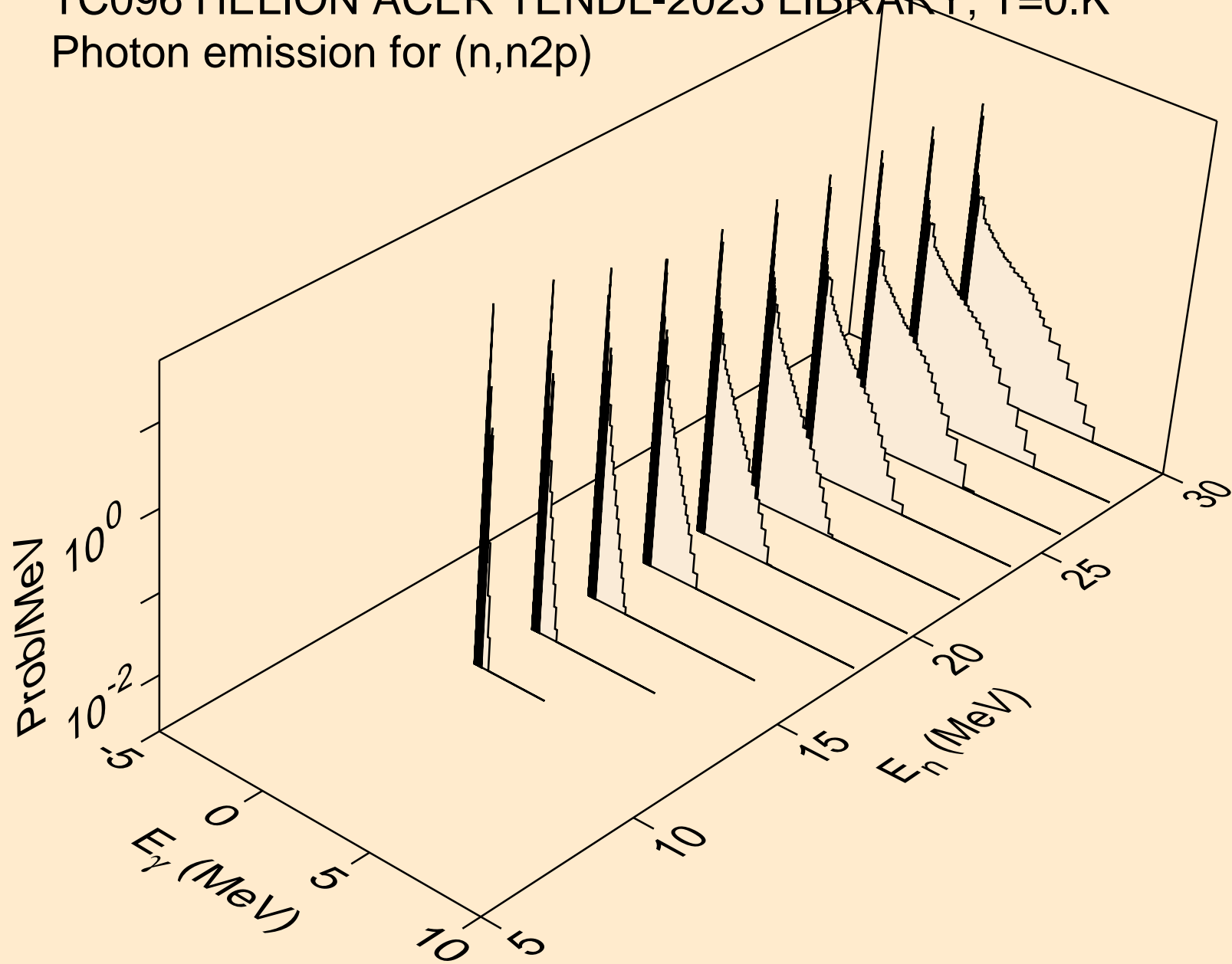




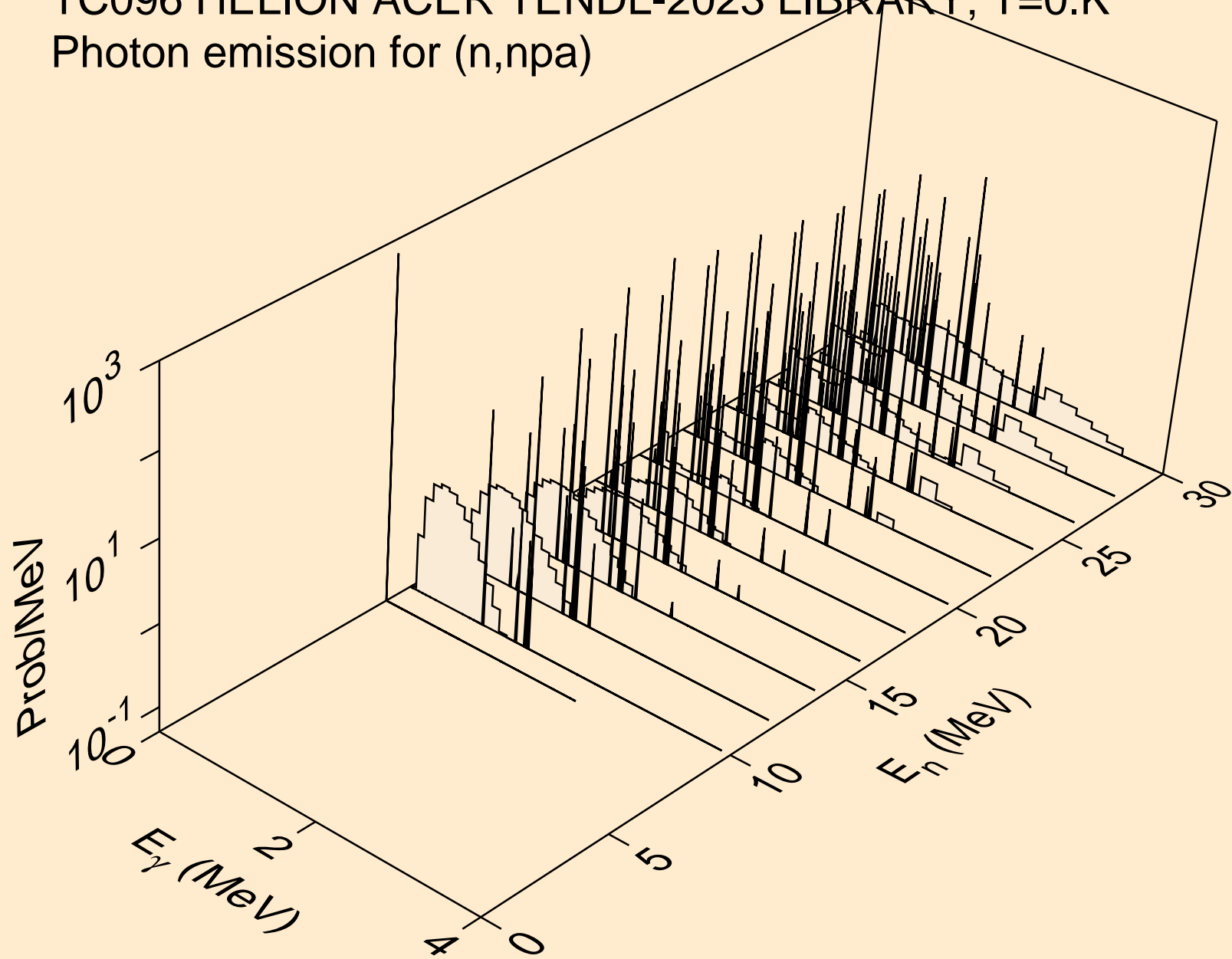
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Photon emission for (n,3np)



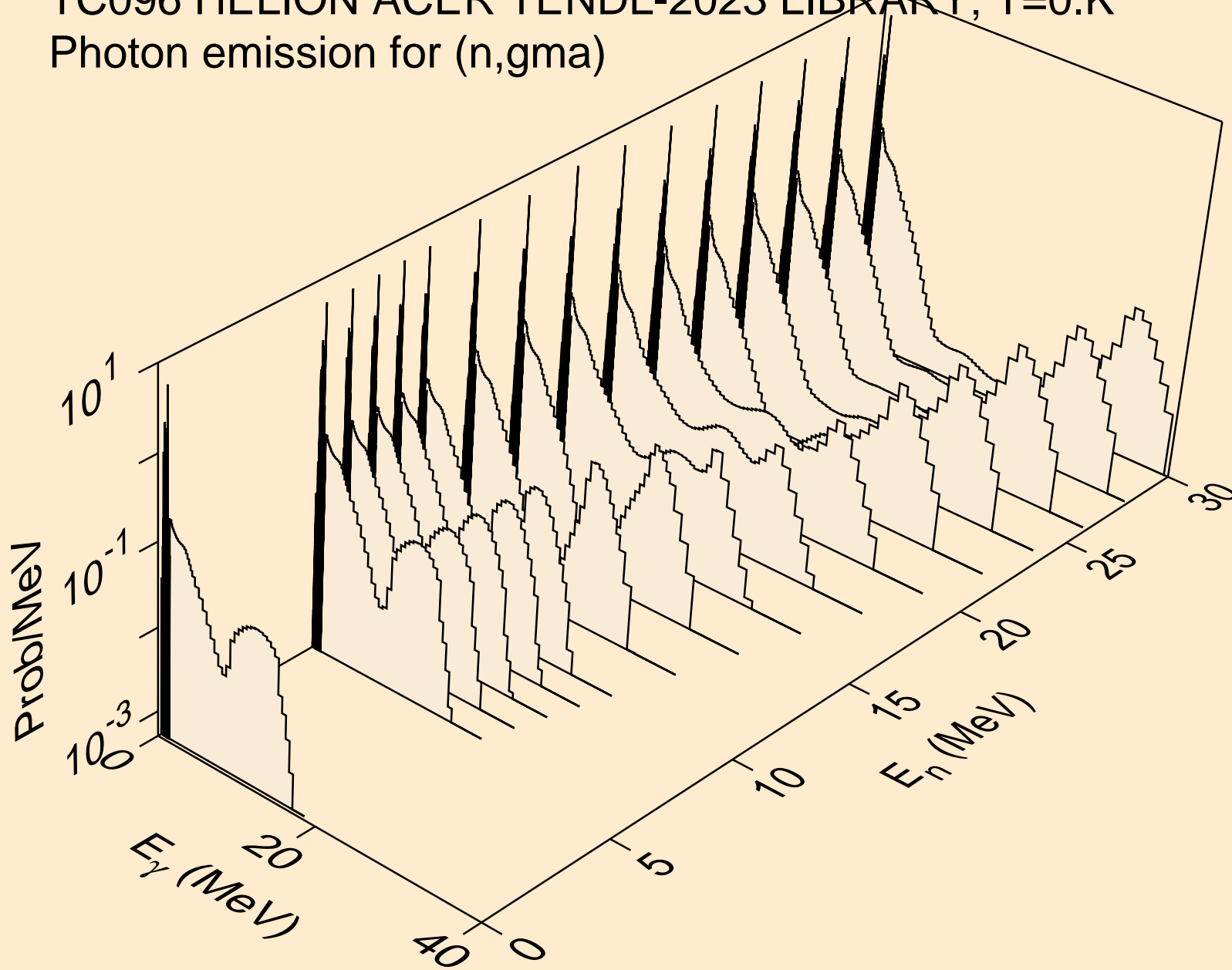
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Photon emission for (n,n2p)



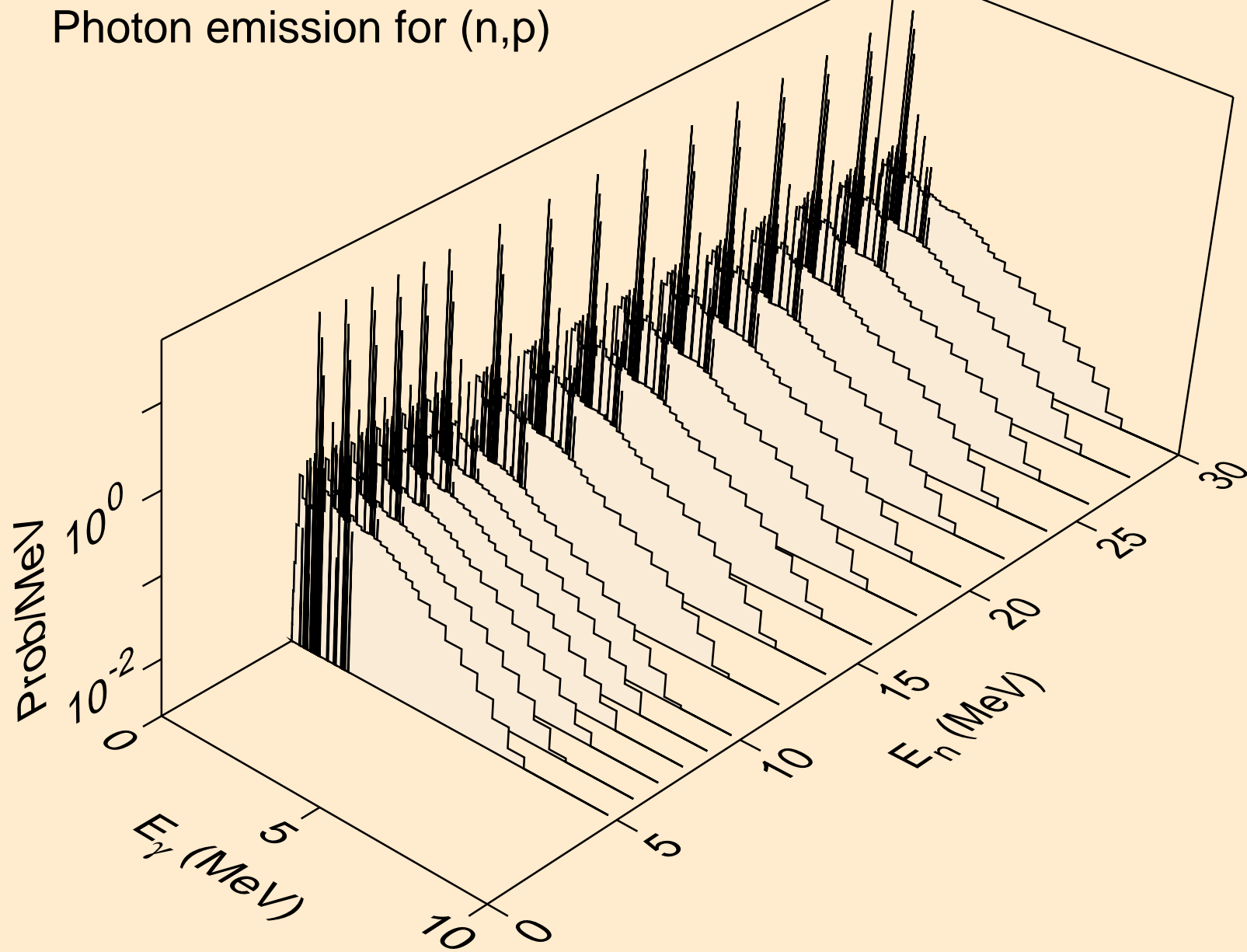
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Photon emission for (n,npa)



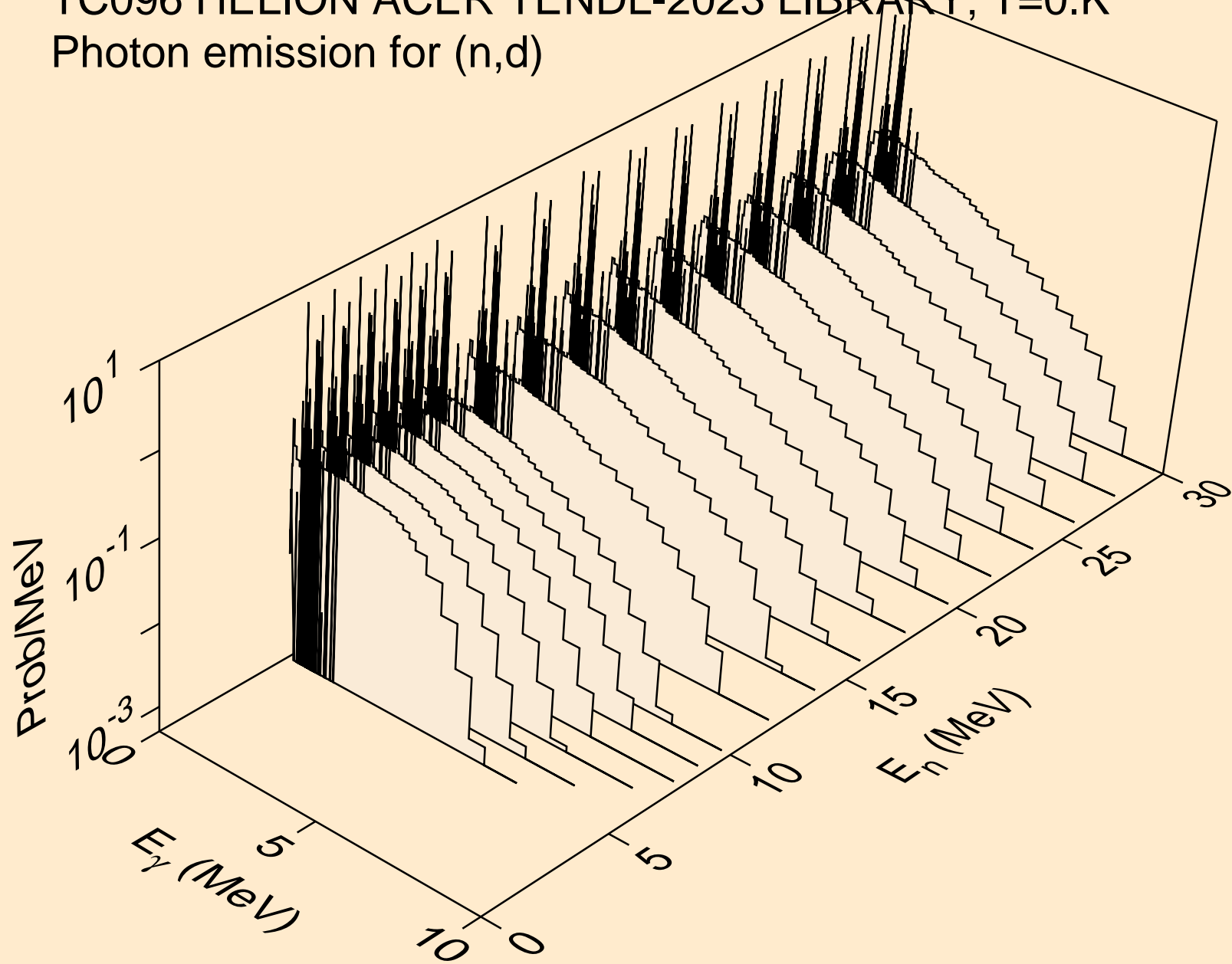
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Photon emission for (n,gma)



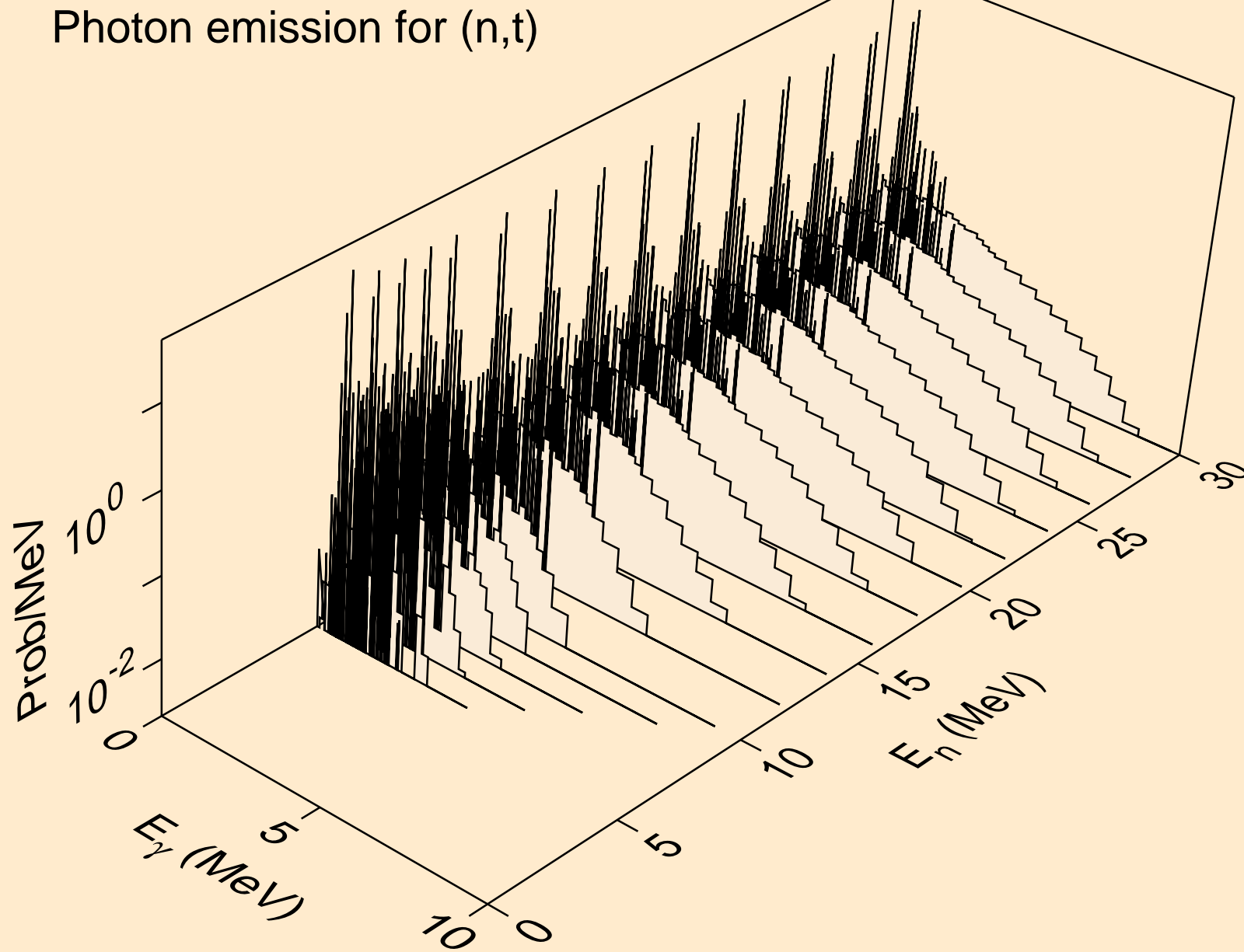
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Photon emission for (n,p)



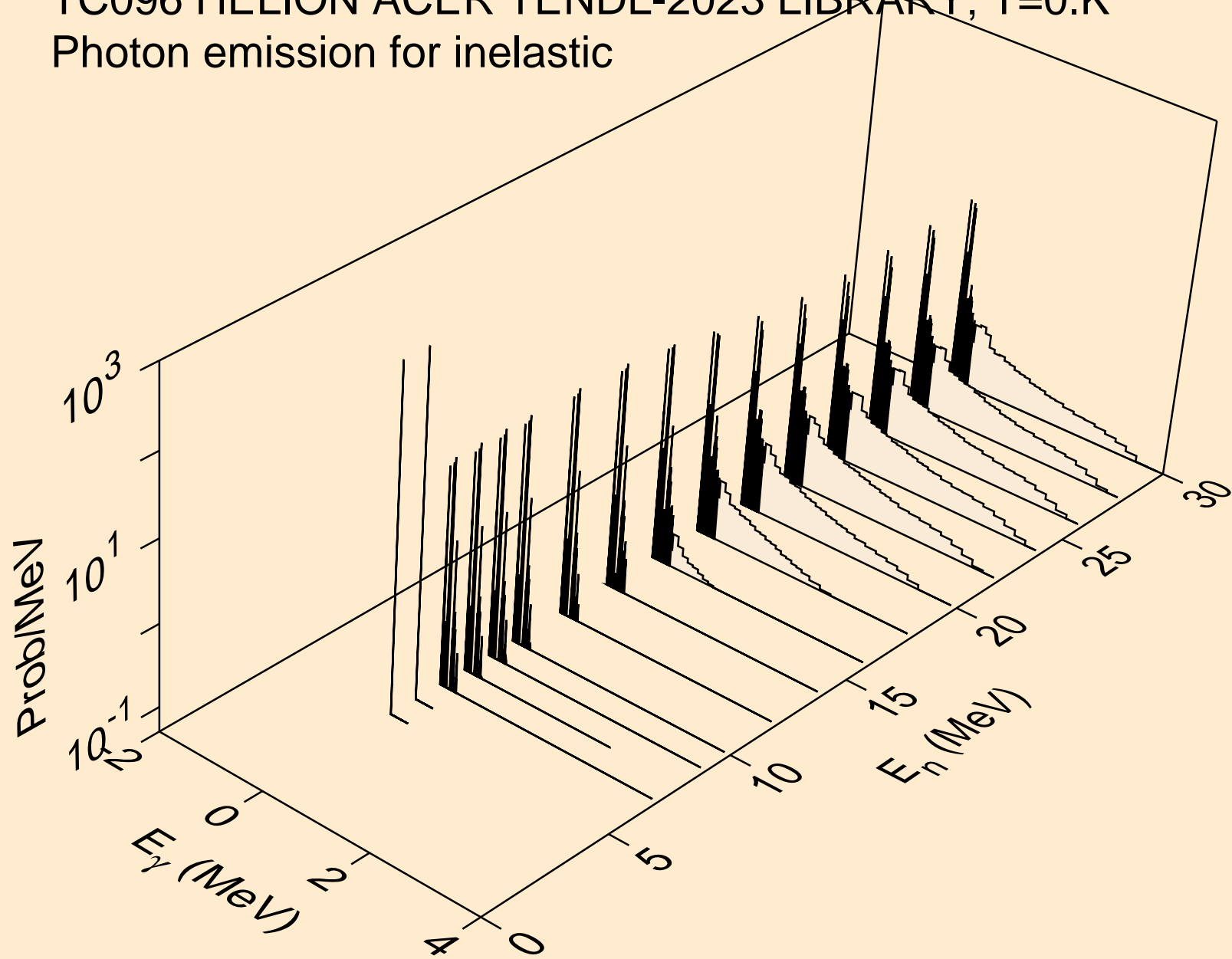
TC096 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



TC096 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)

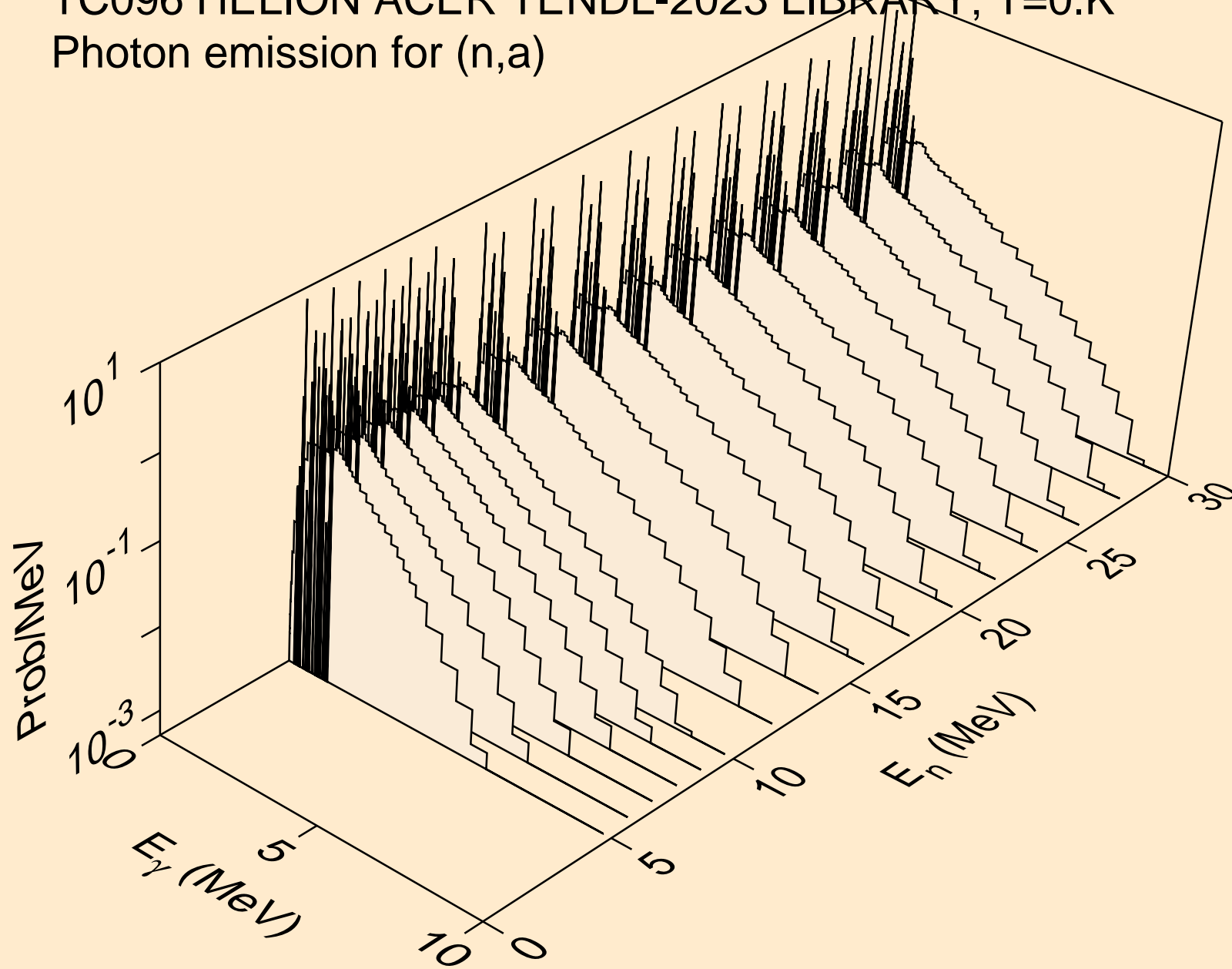


TC096 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

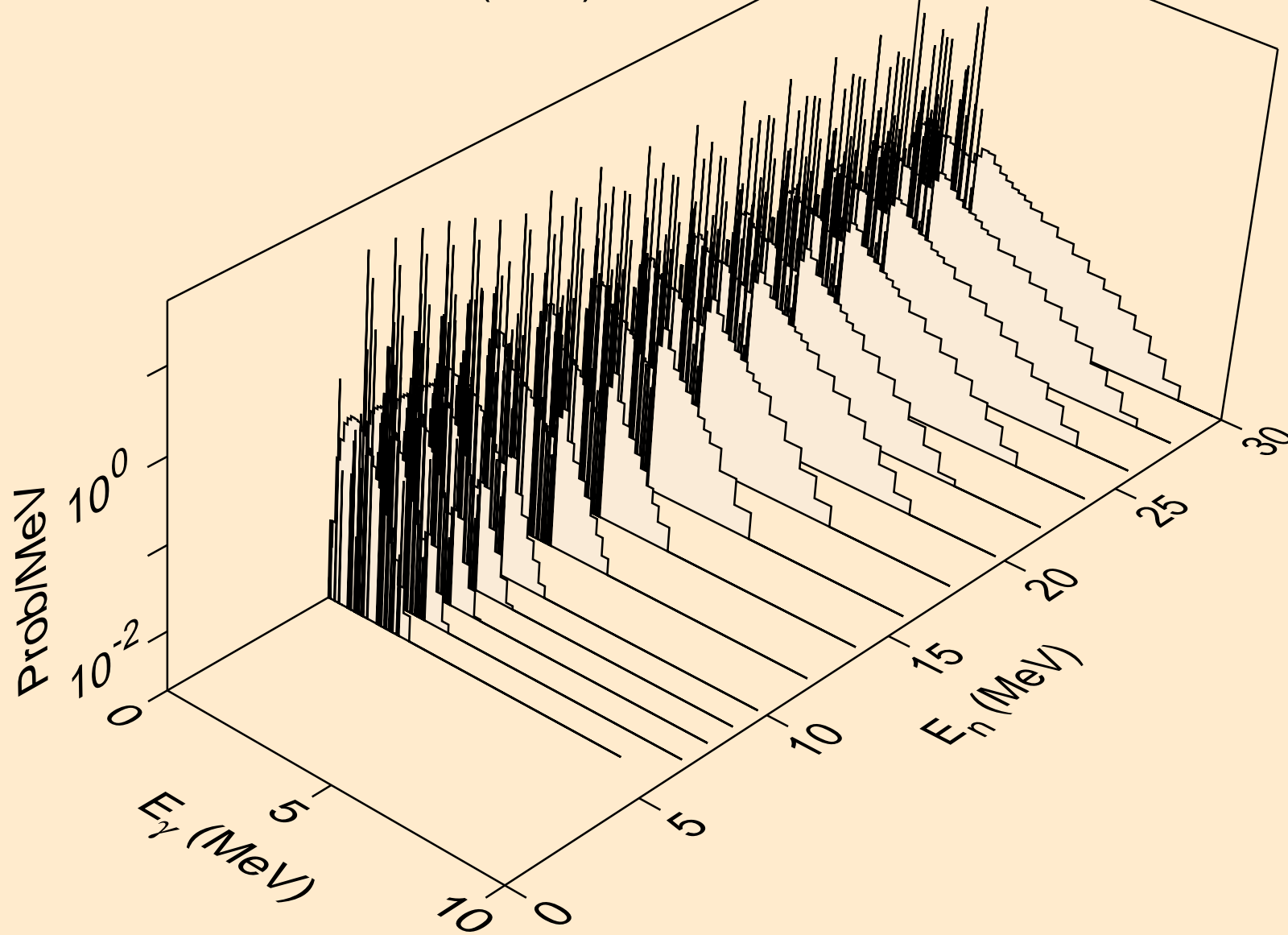




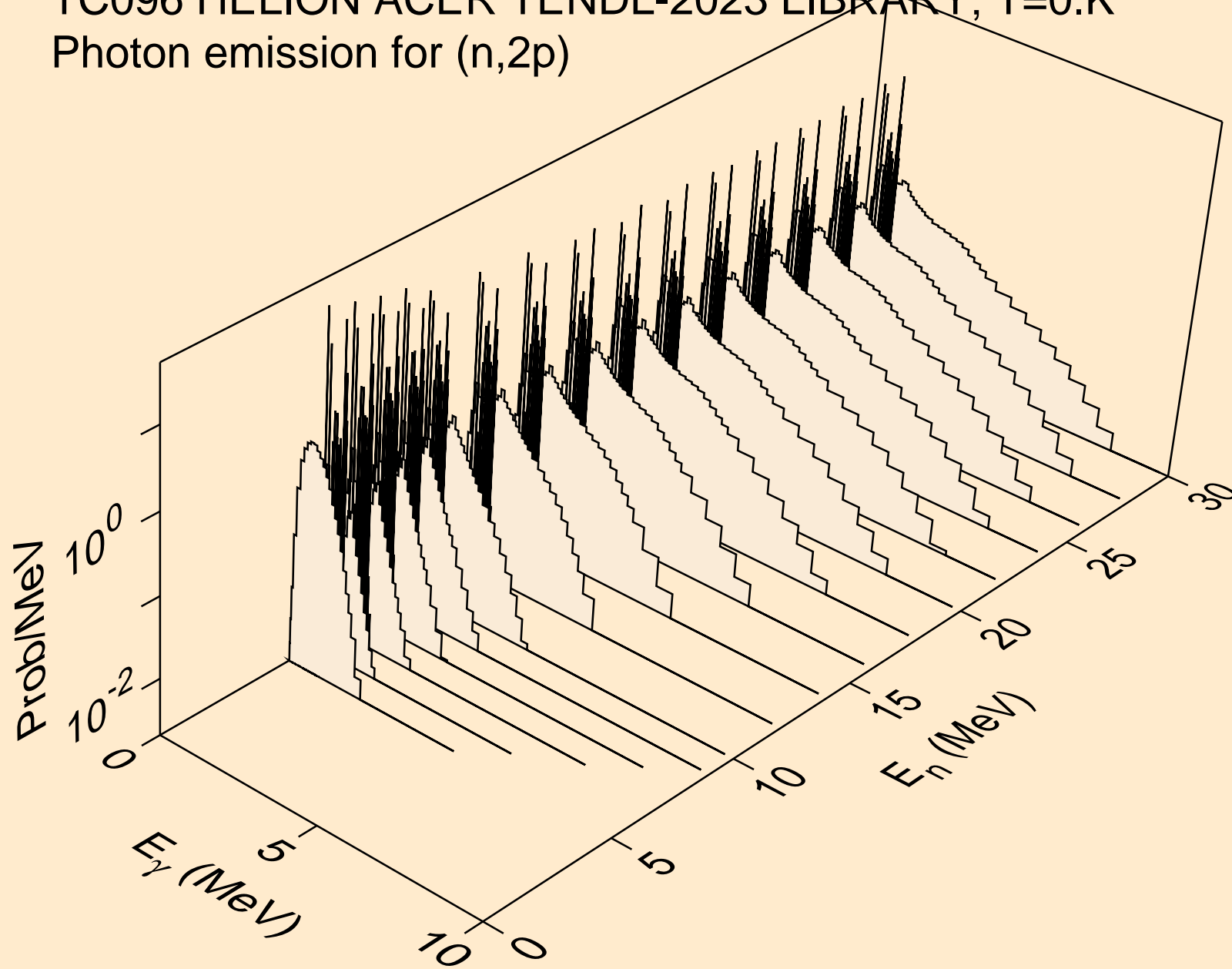
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Photon emission for (n,a)



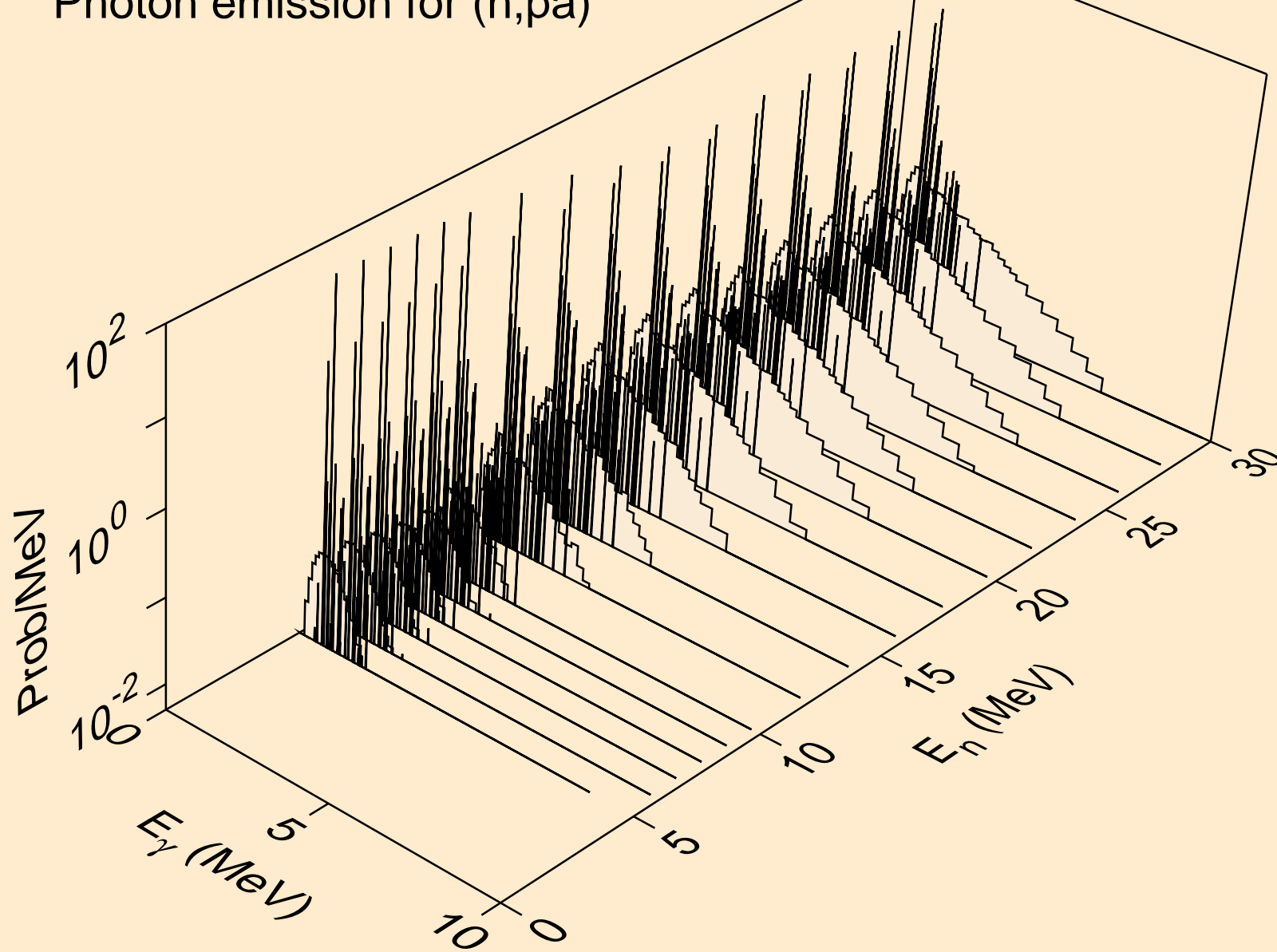
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Photon emission for (n,2a)



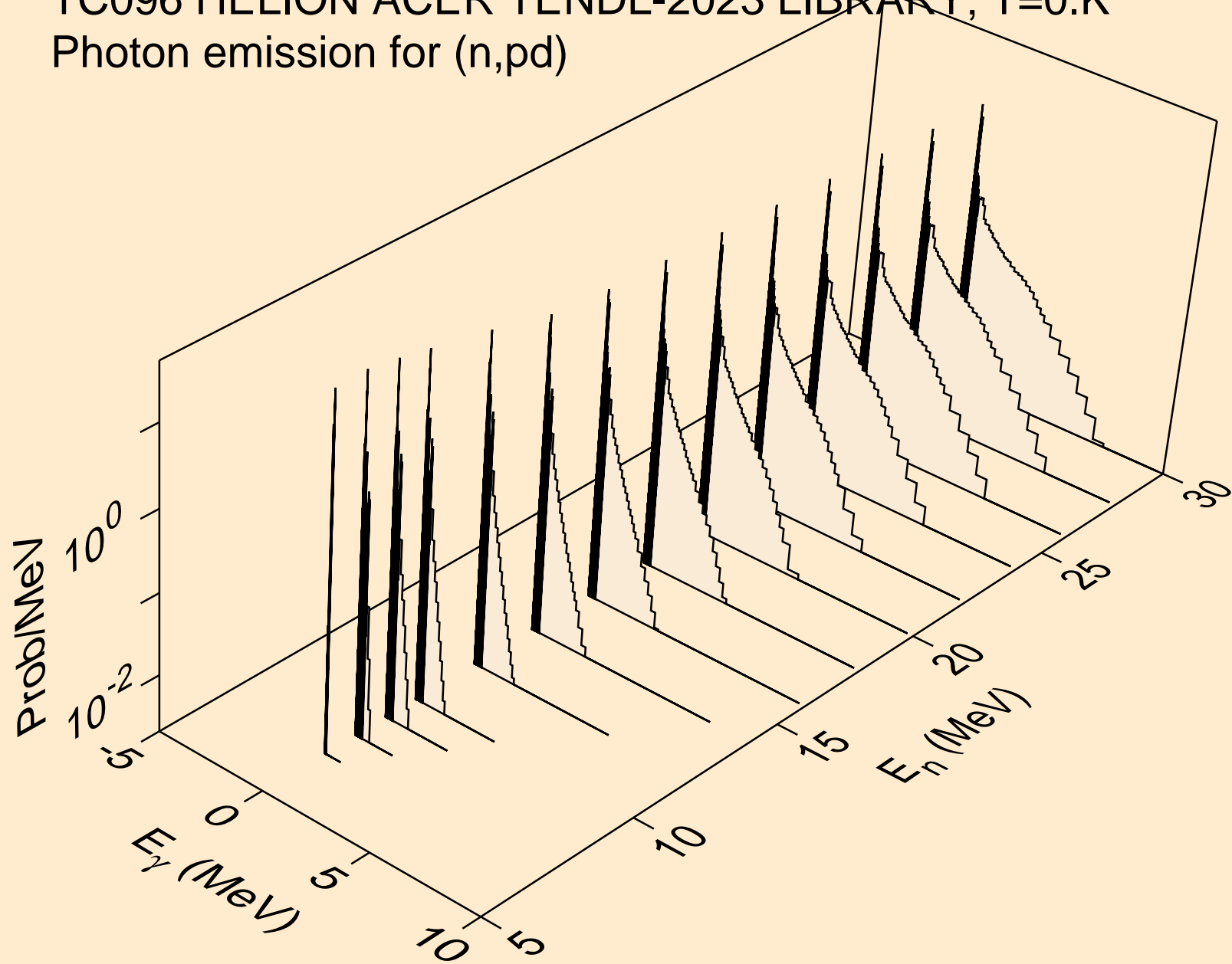
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Photon emission for (n,2p)



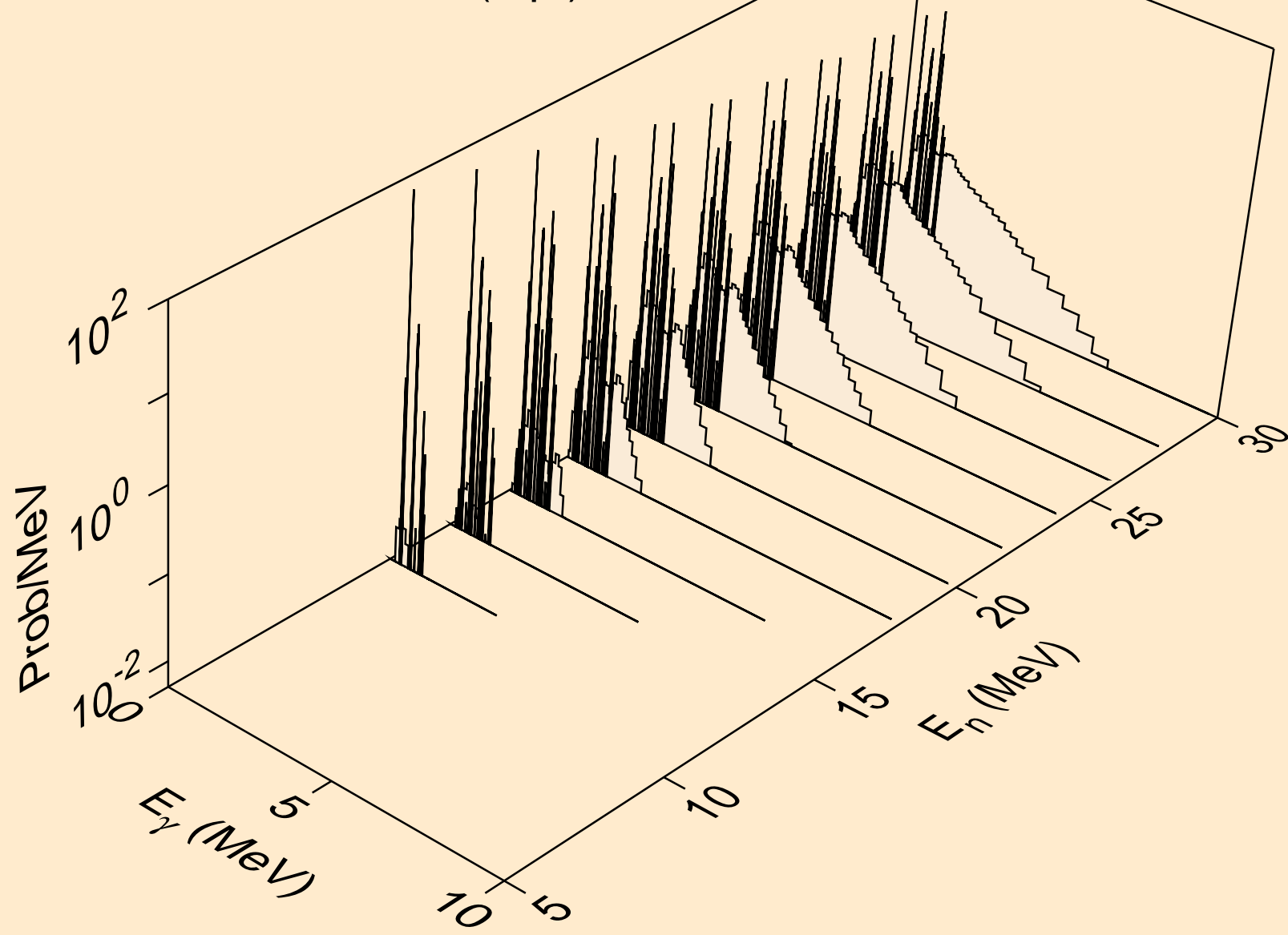
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Photon emission for (n,p $\alpha$ )



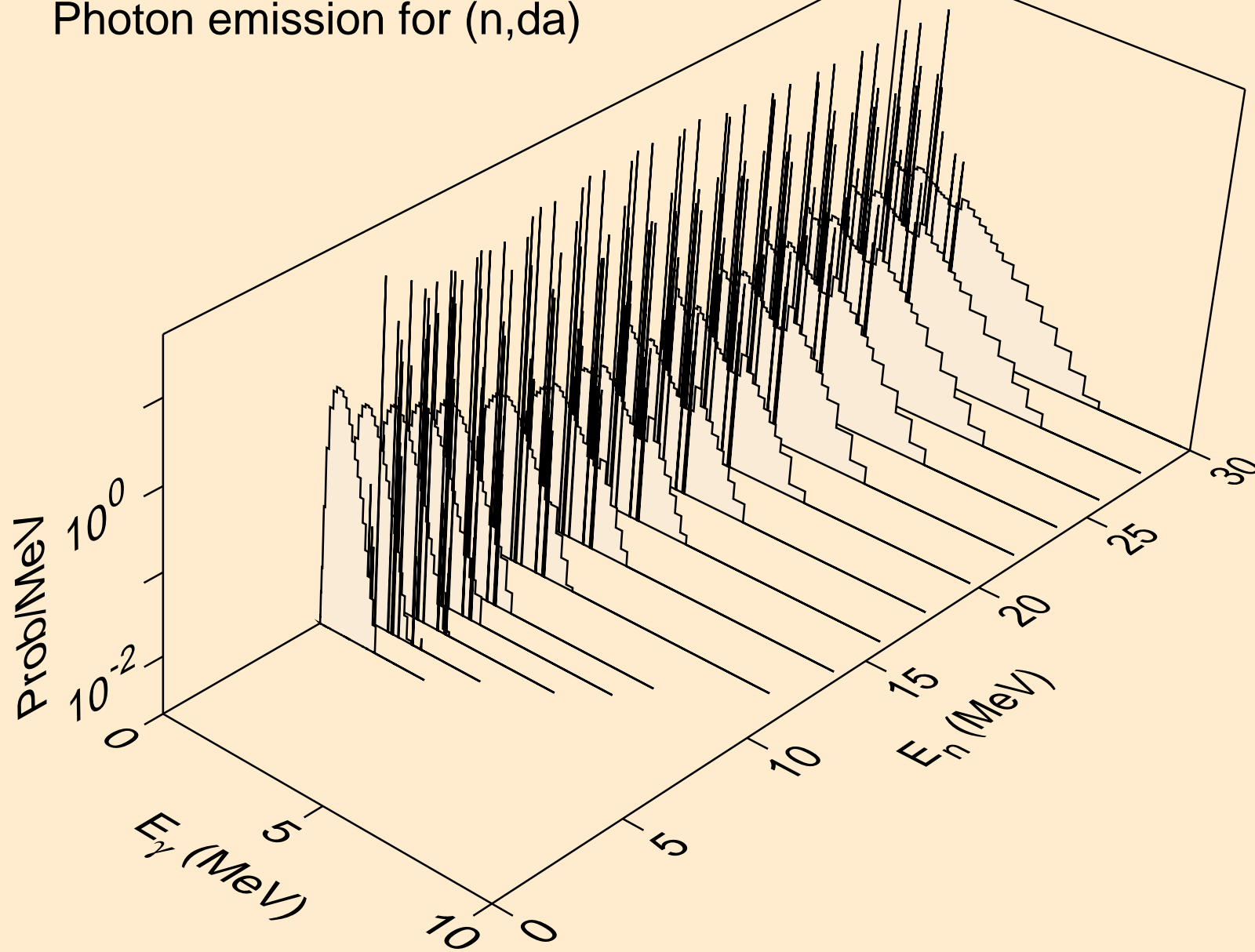
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Photon emission for (n,pd)



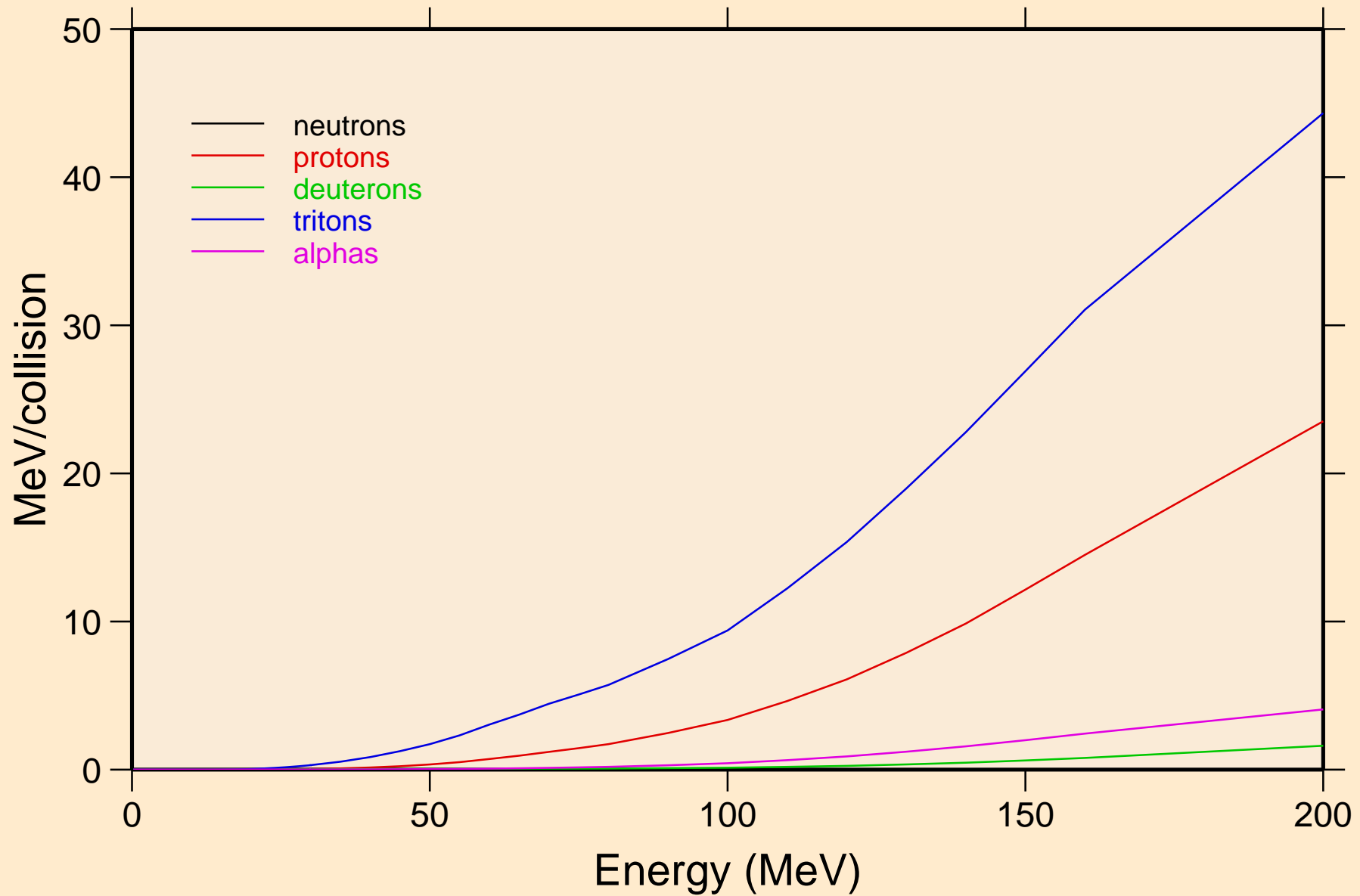
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Photon emission for (n,pt)



TC096 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



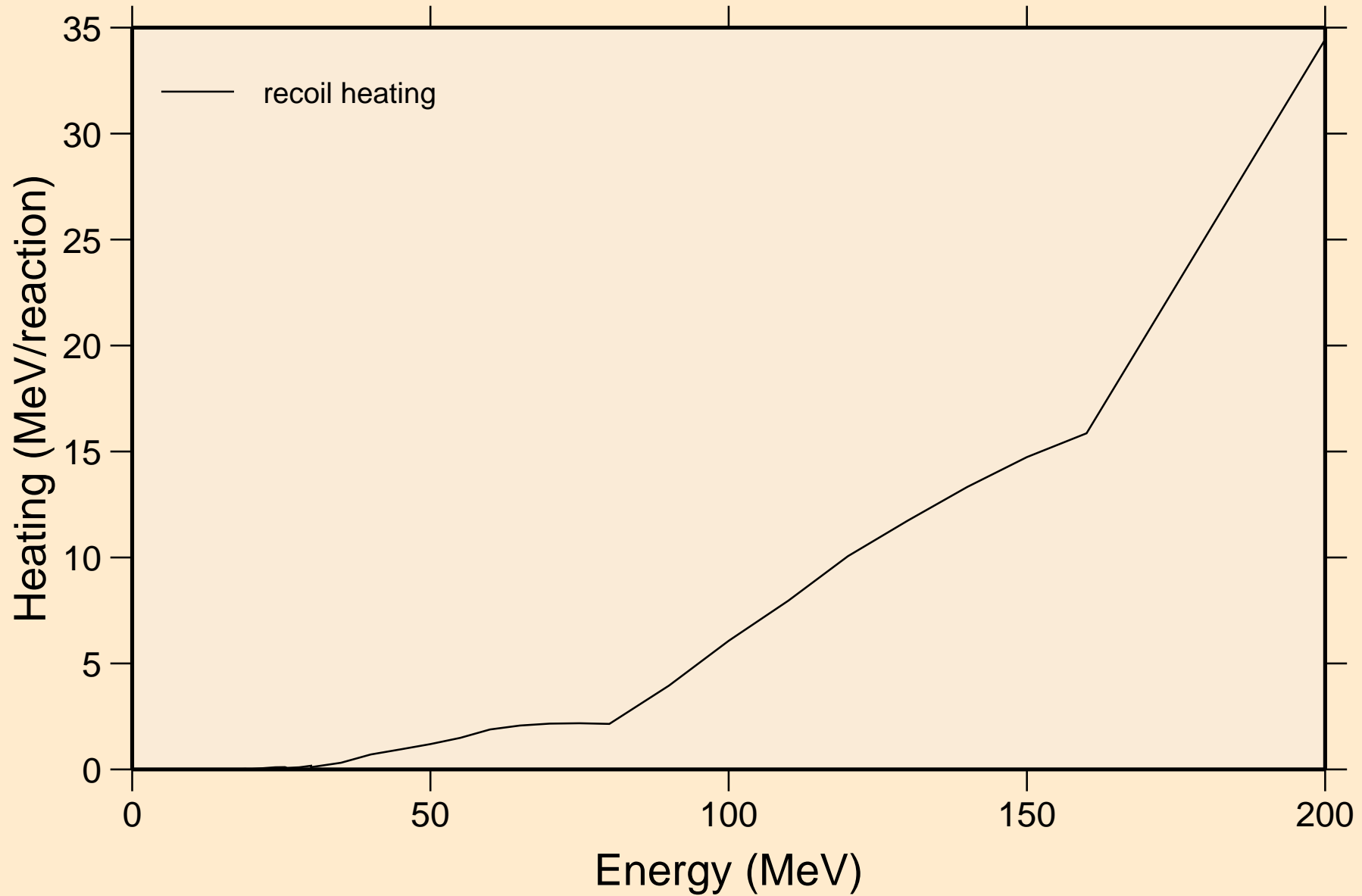
TC096 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



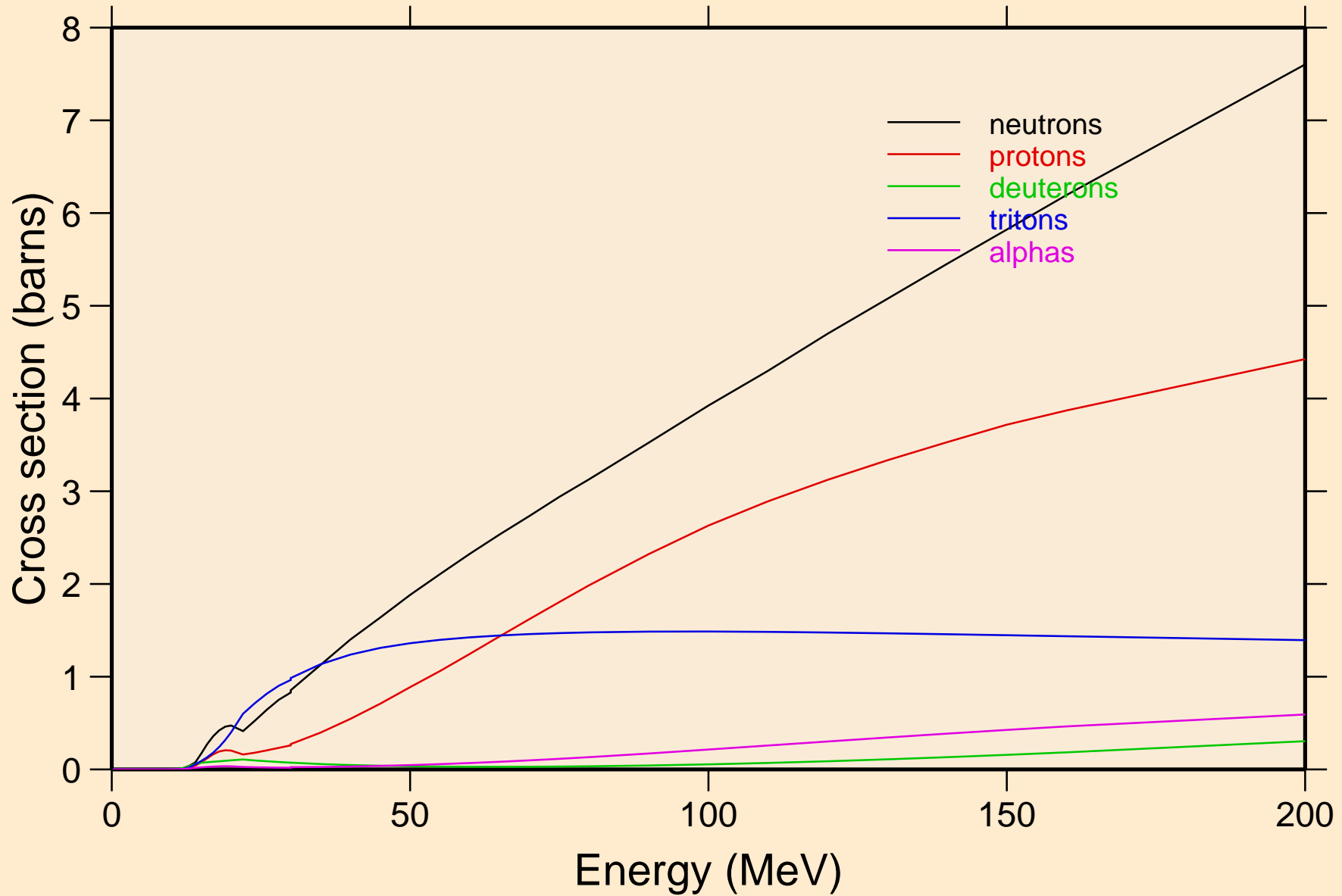


TC096 HELION ACER TENDL-2023 LIBRARY; T=0.K

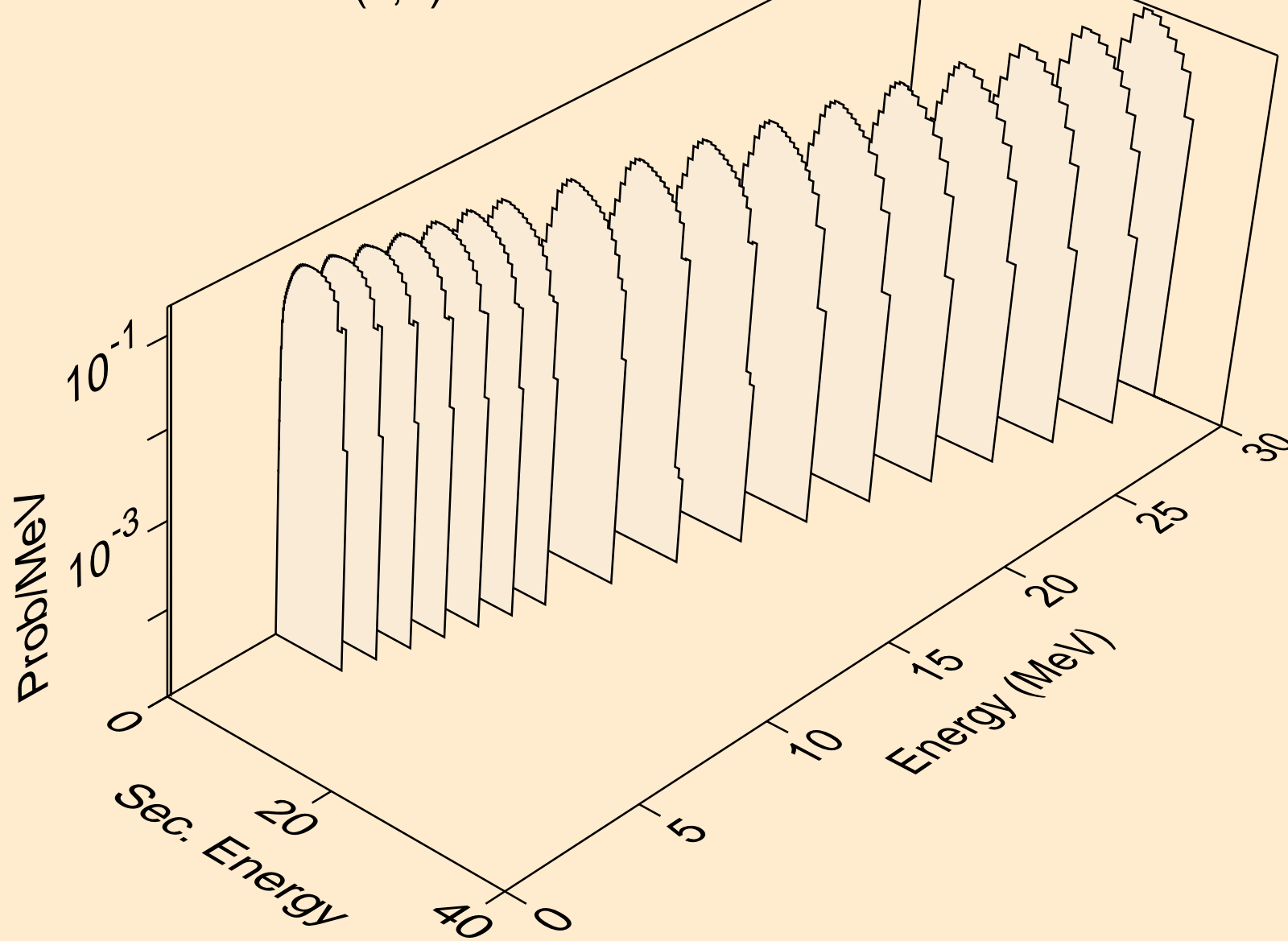
### Recoil Heating



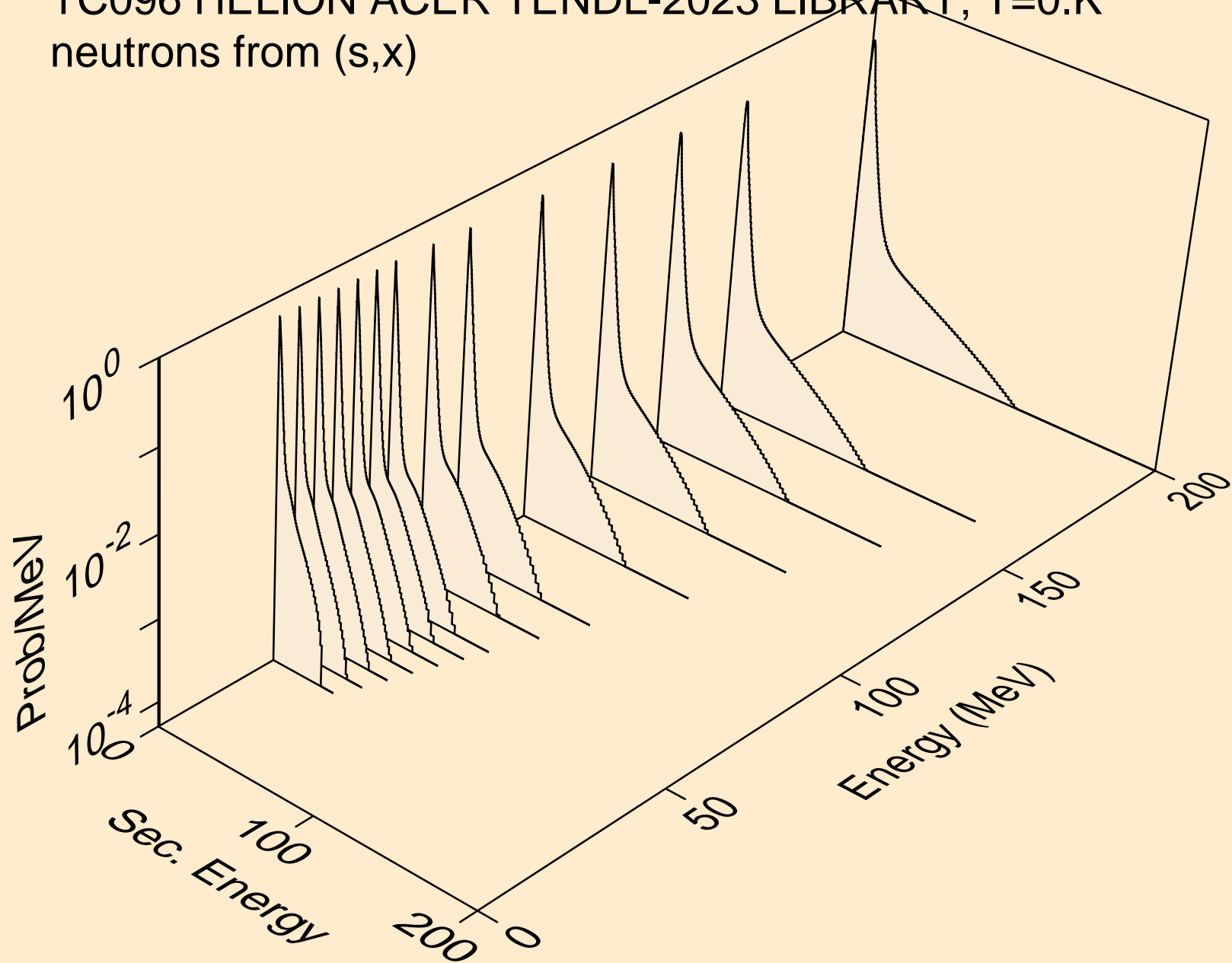
TC096 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



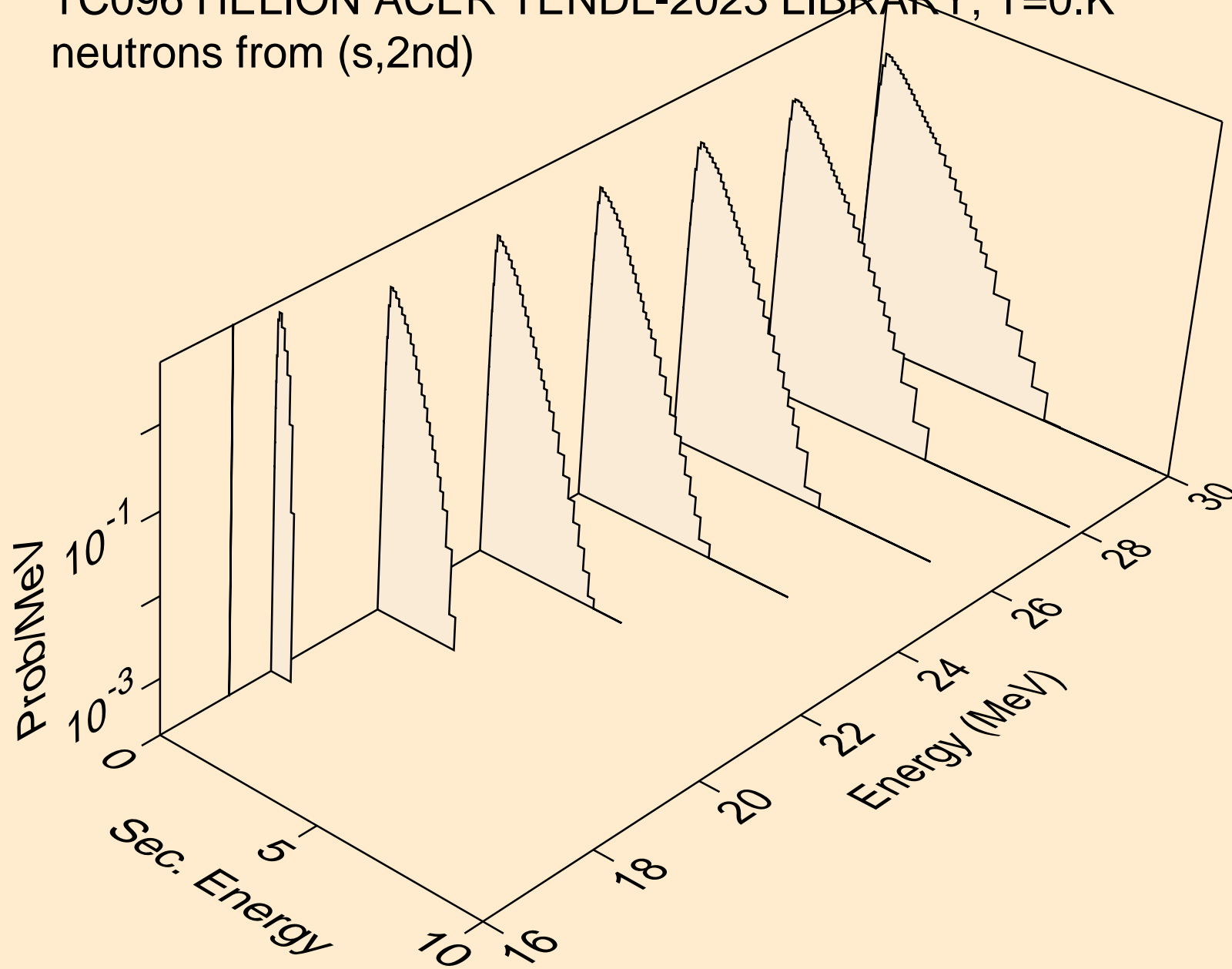
TC096 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n)



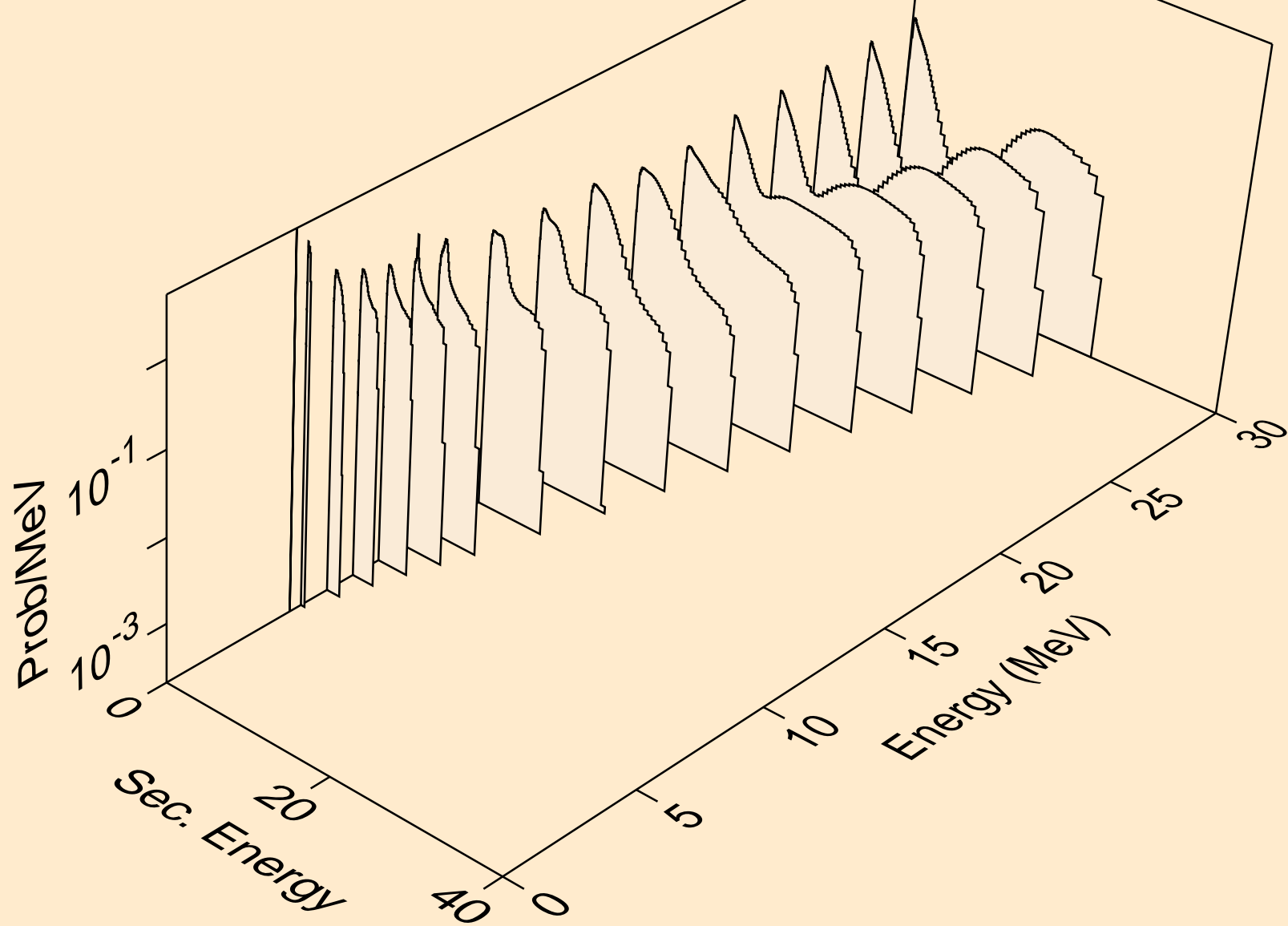
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neutrons from (s,x)



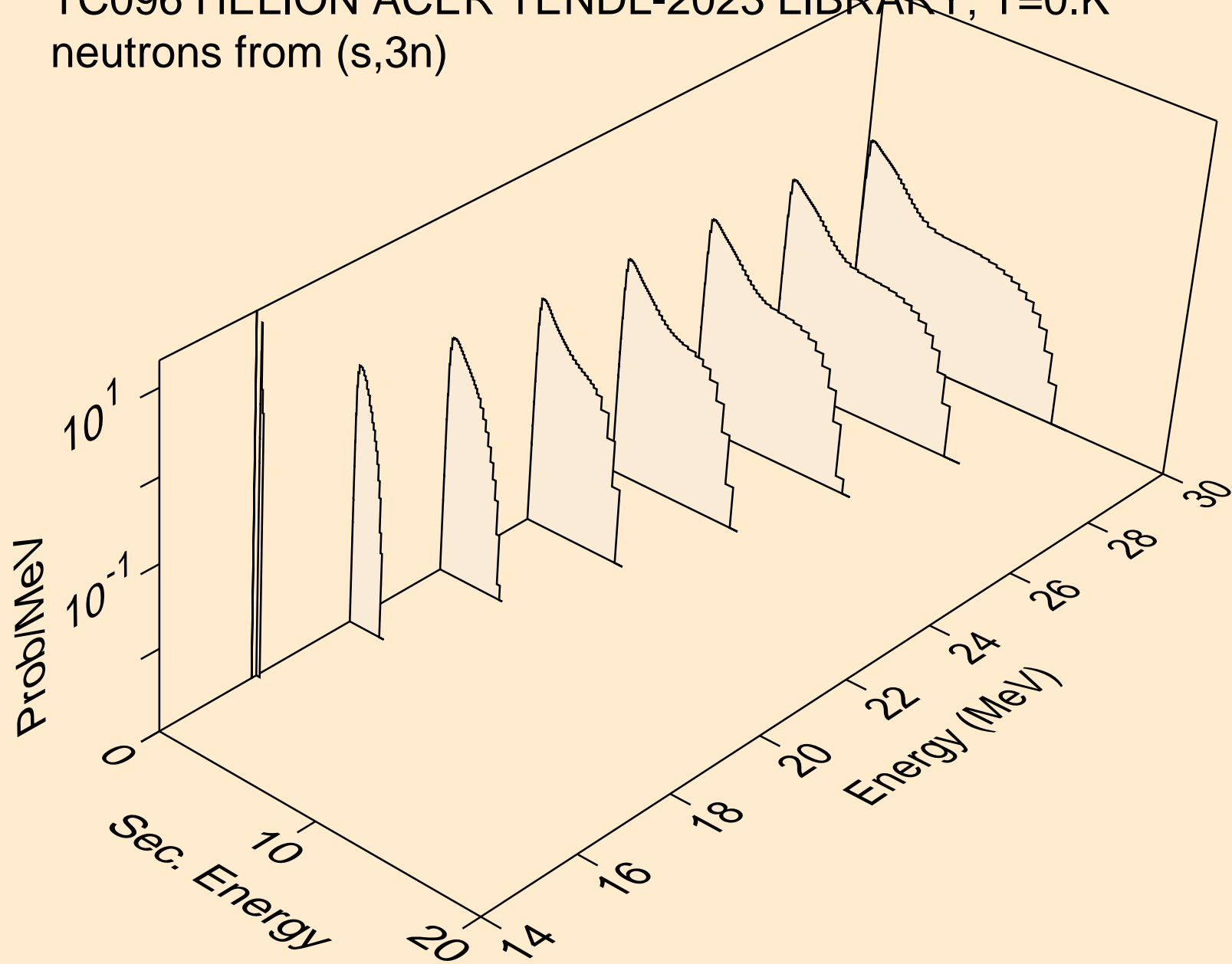
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neutrons from (s,2nd)



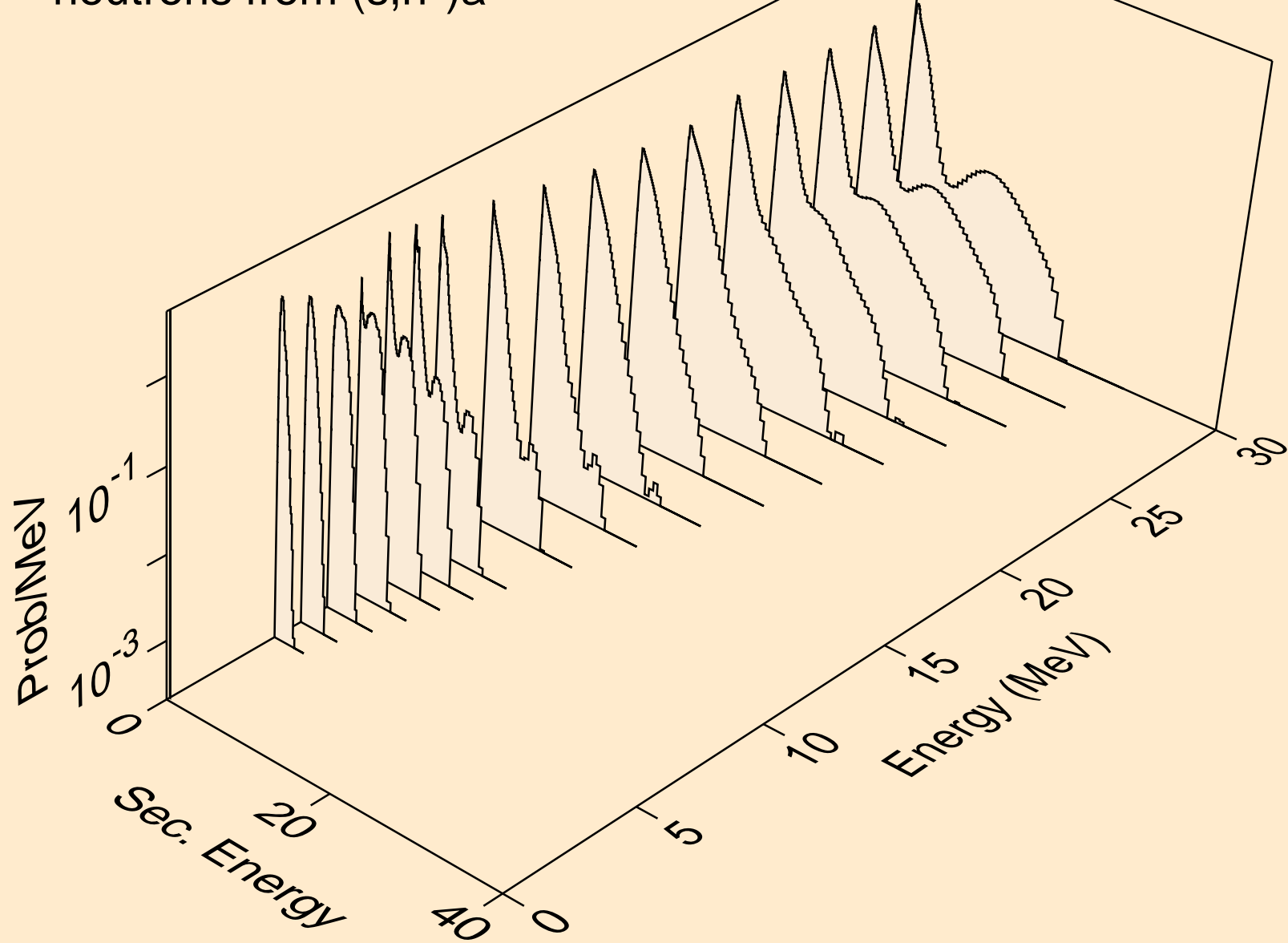
TC096 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)



TC096 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3n)

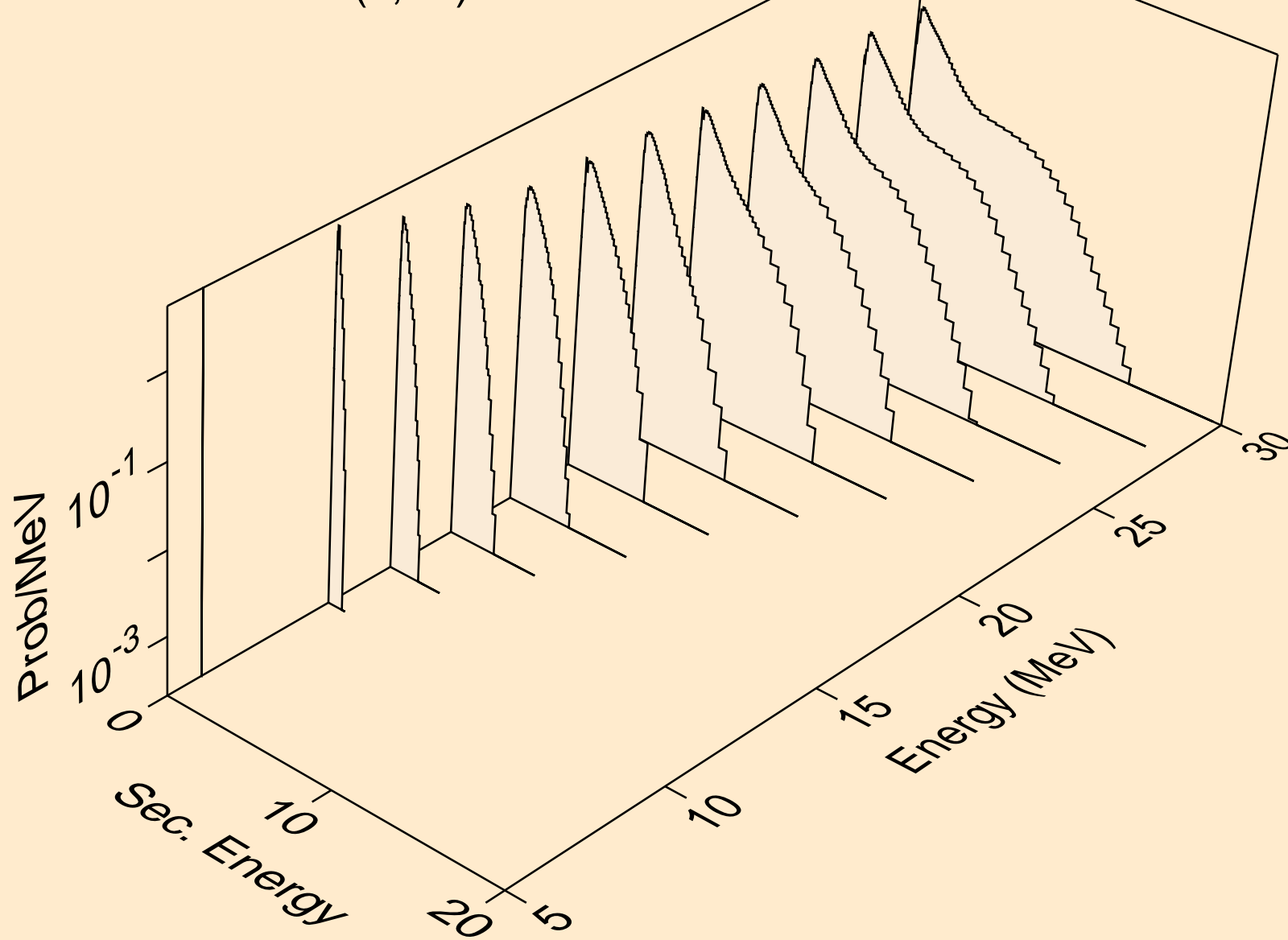


TC096 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)a

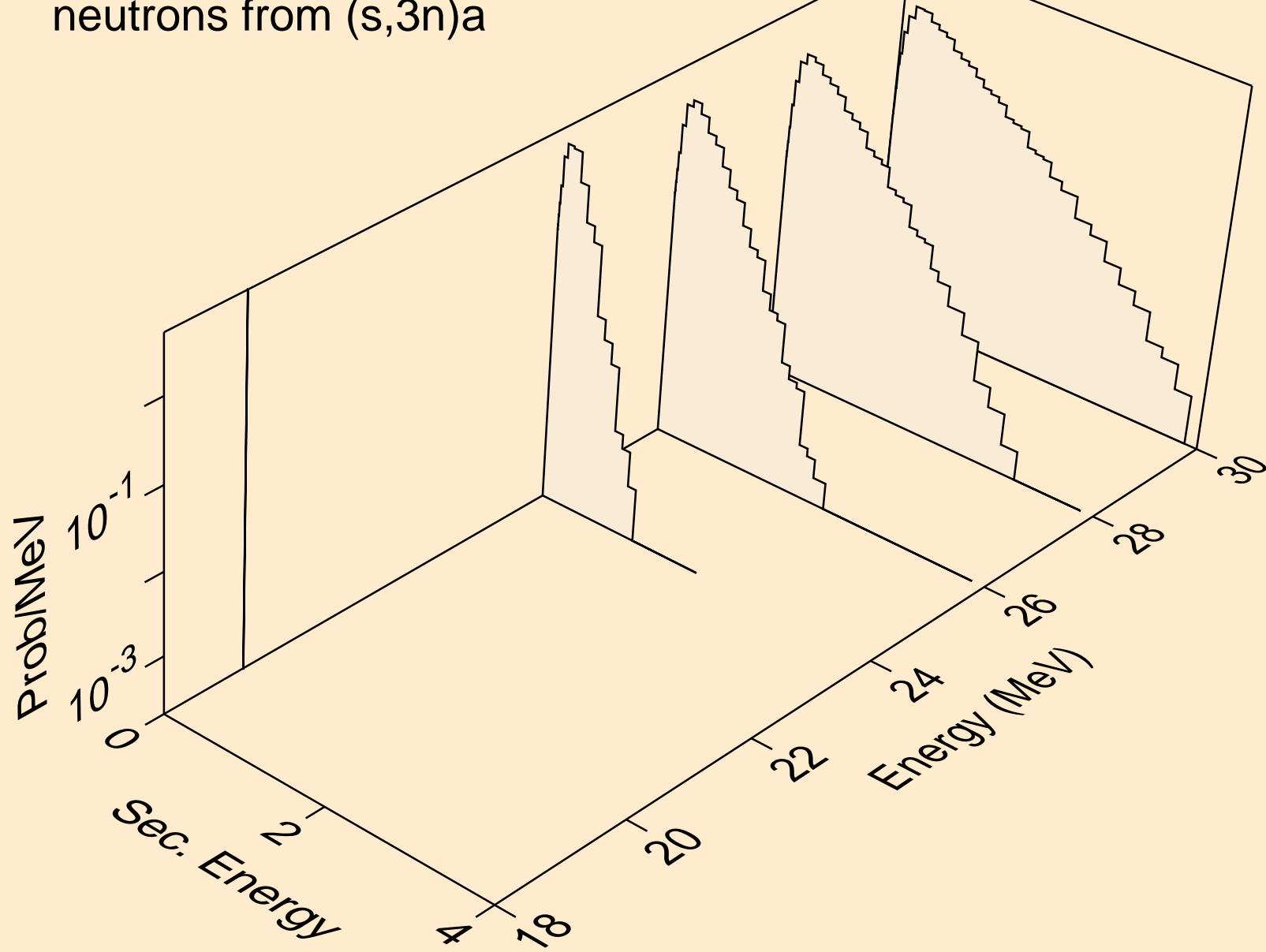




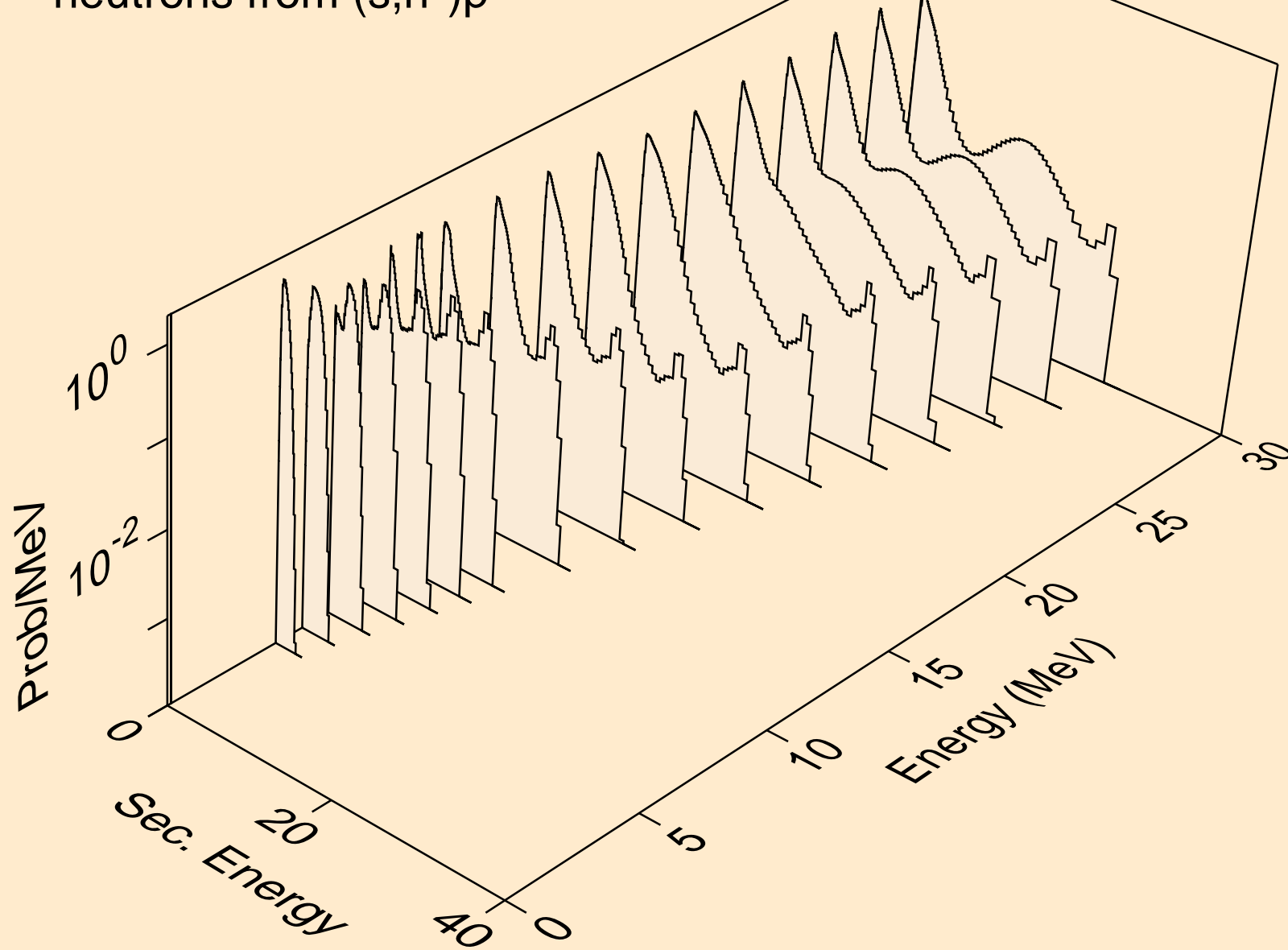
TC096 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)a



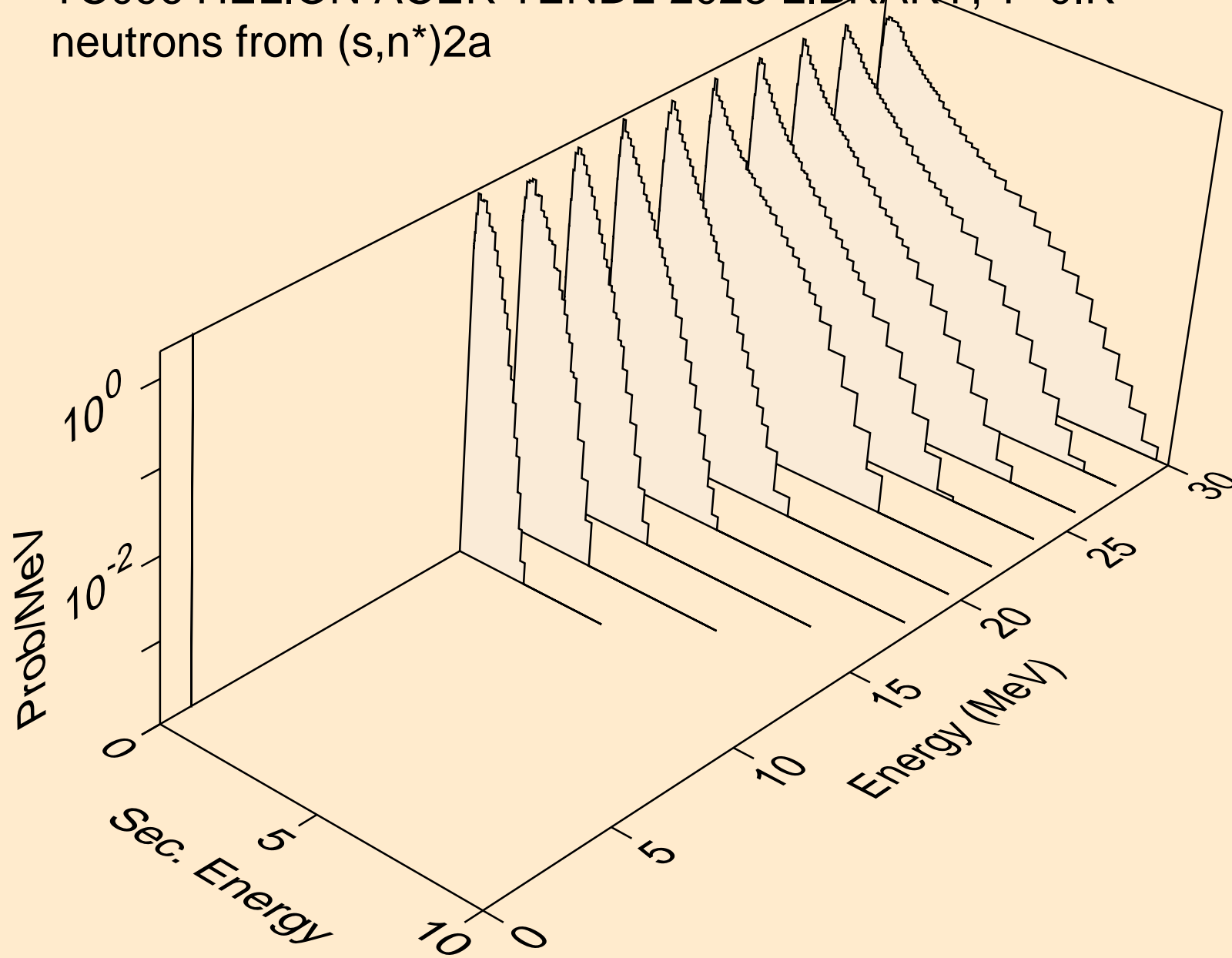
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neutrons from (s,3n)a



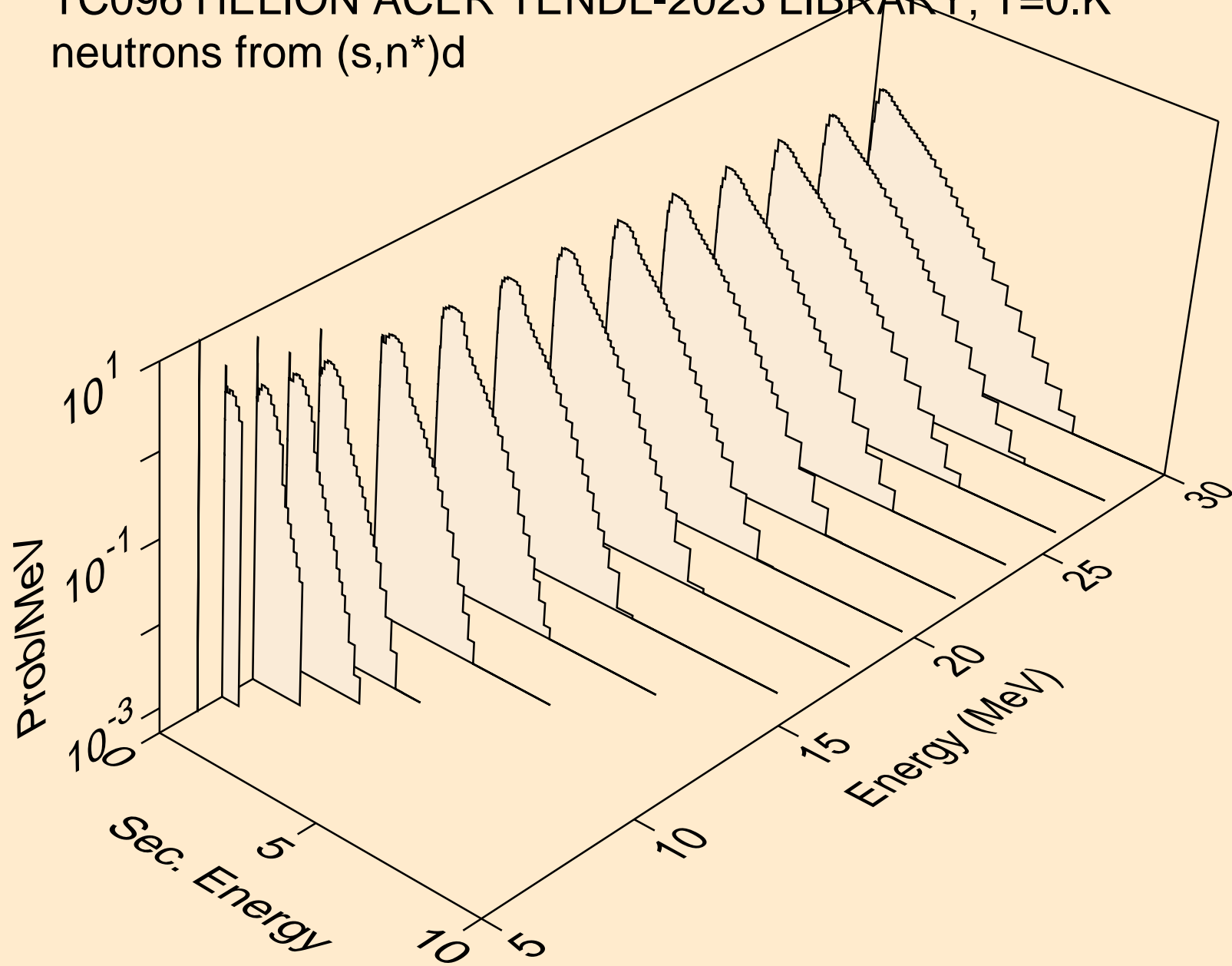
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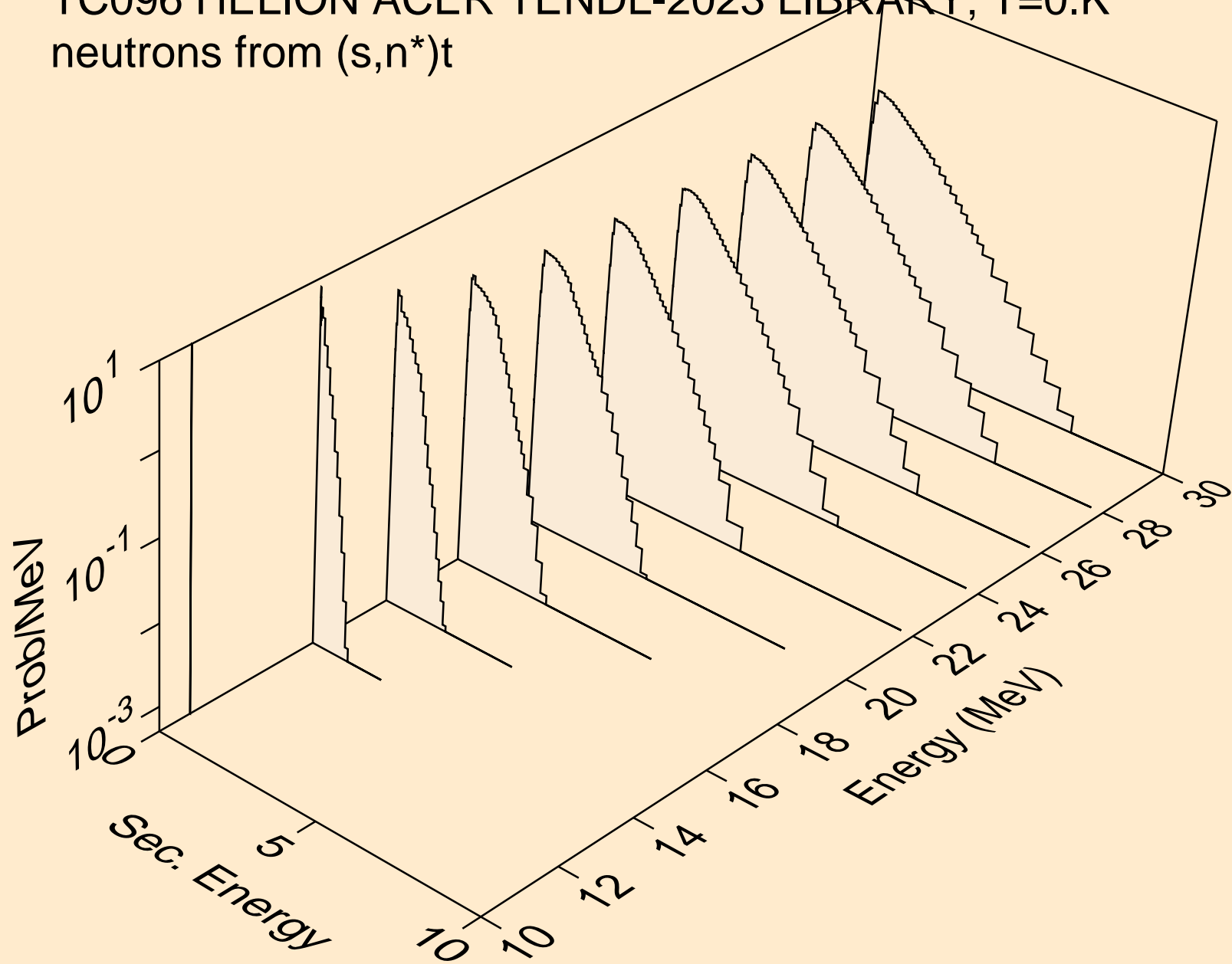
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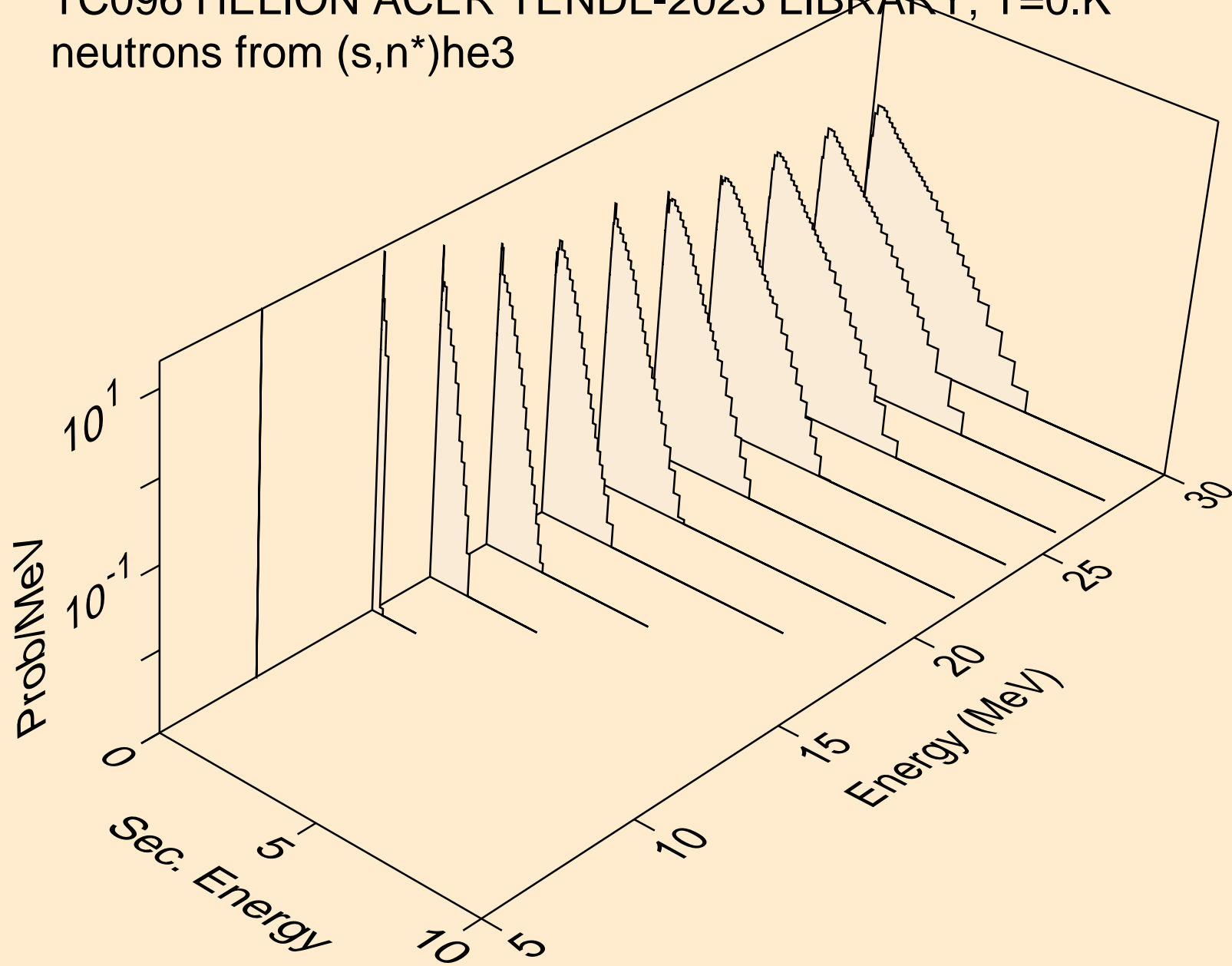
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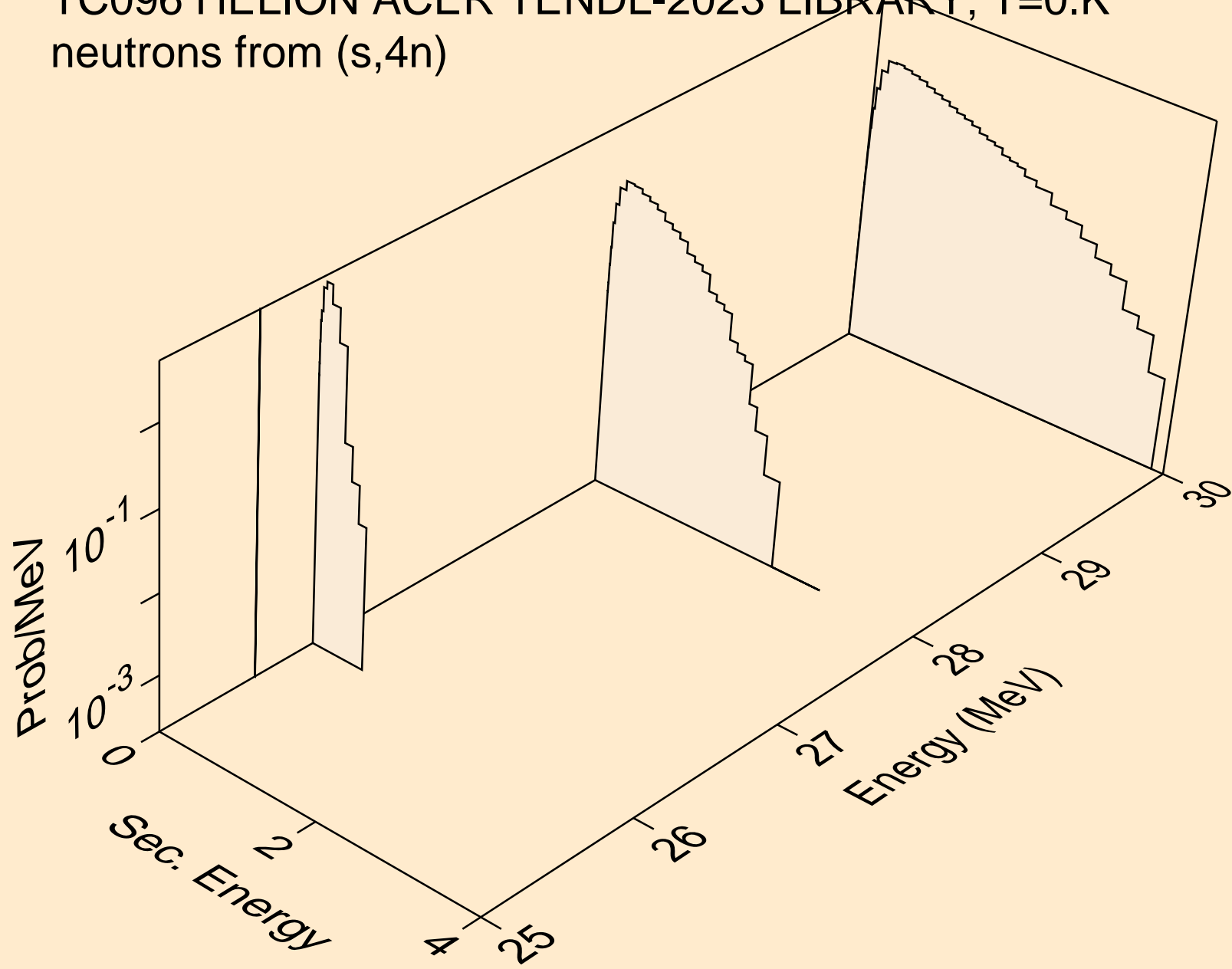
TC096 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)t



TC096 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)he3

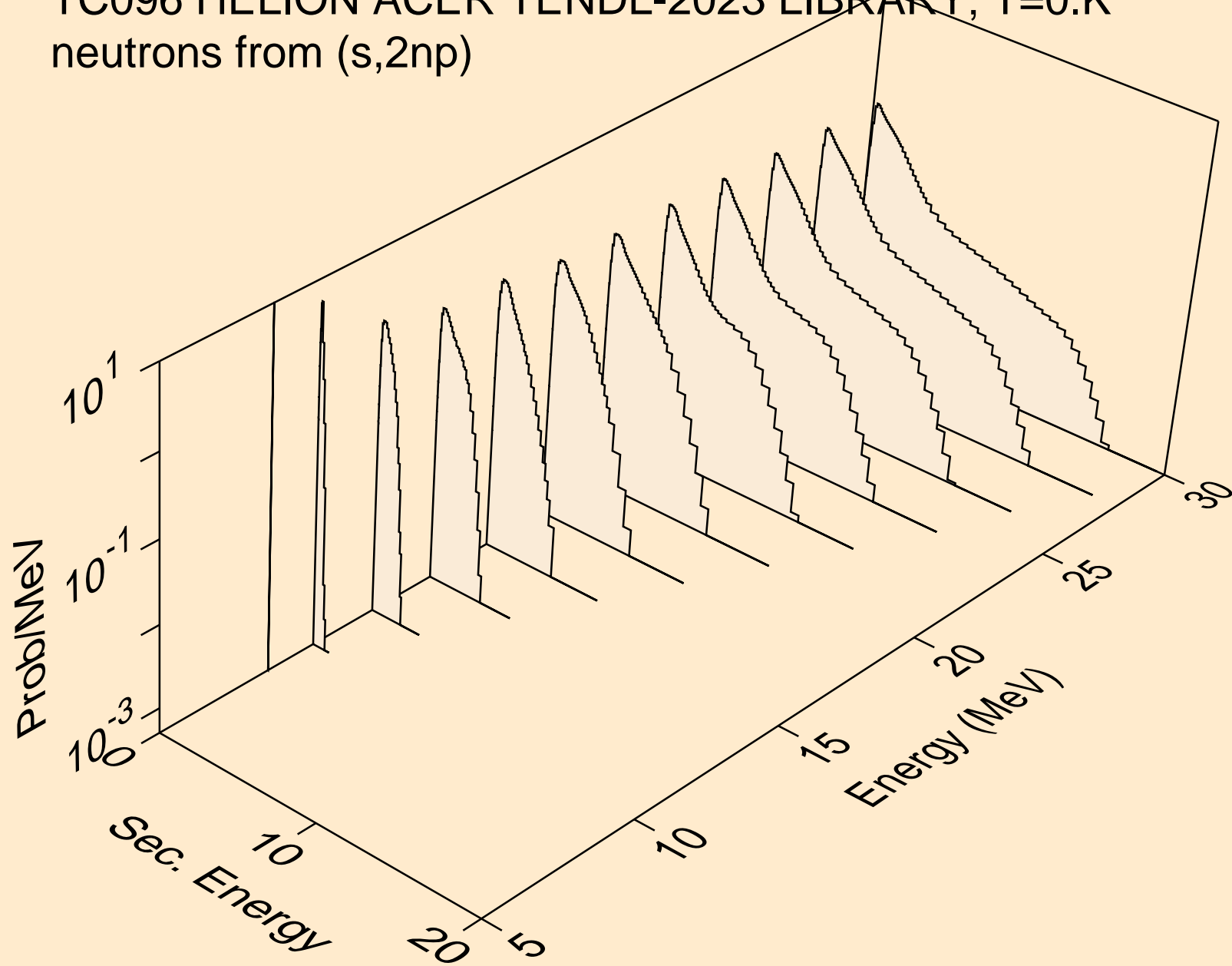


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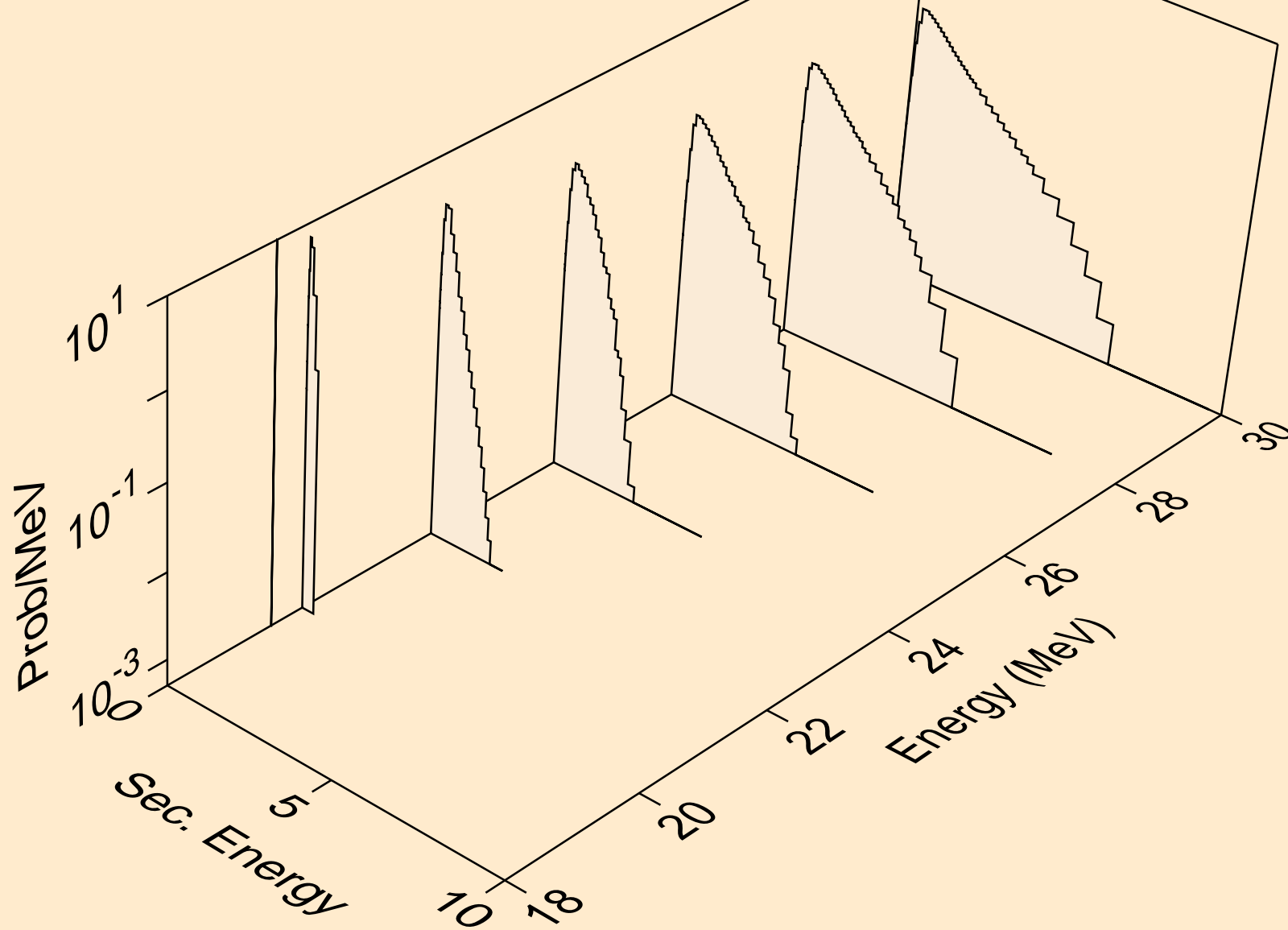




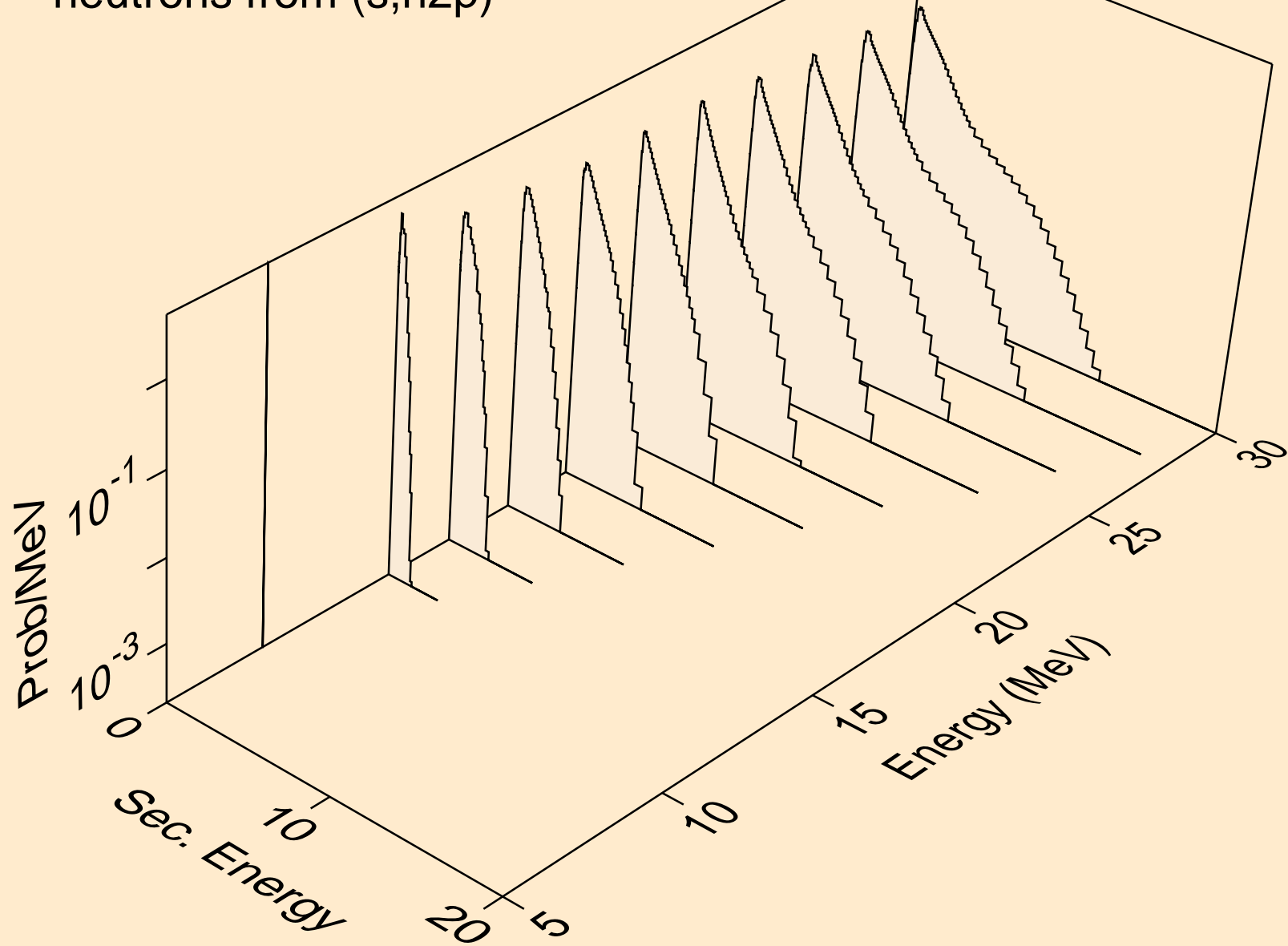
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neutrons from (s,2np)



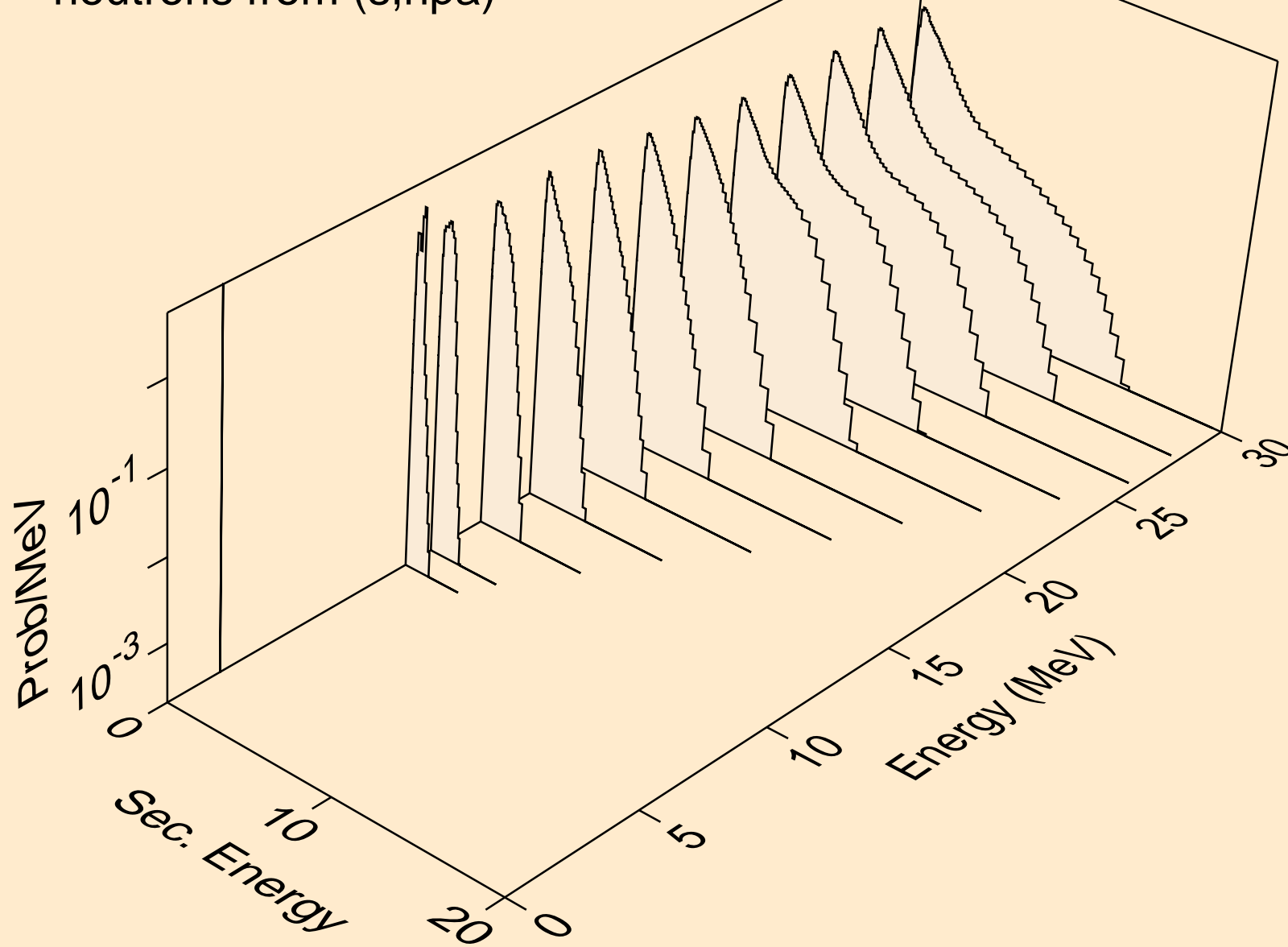
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neutrons from (s,3np)



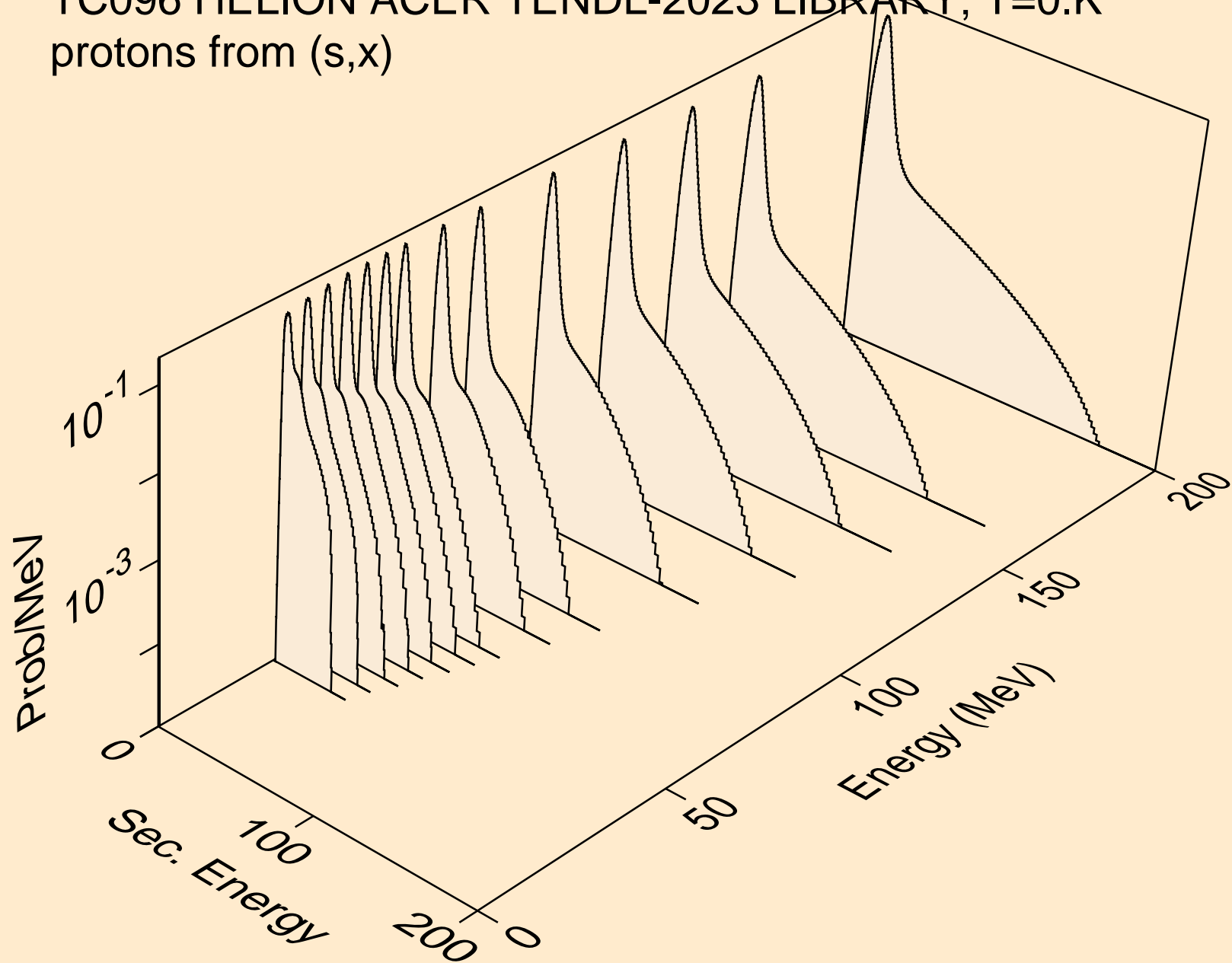
TC096 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n2p)



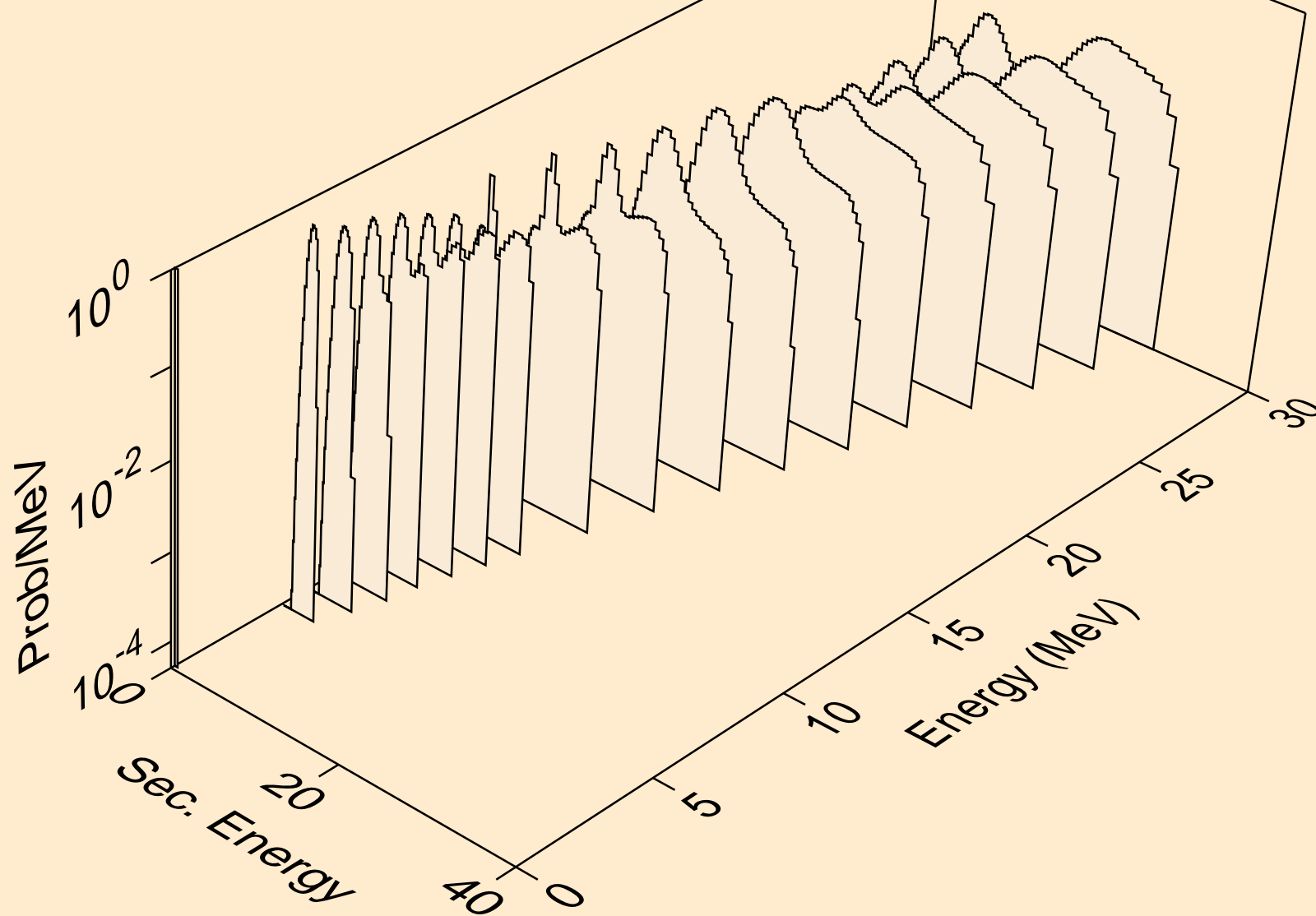
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neutrons from (s,npa)



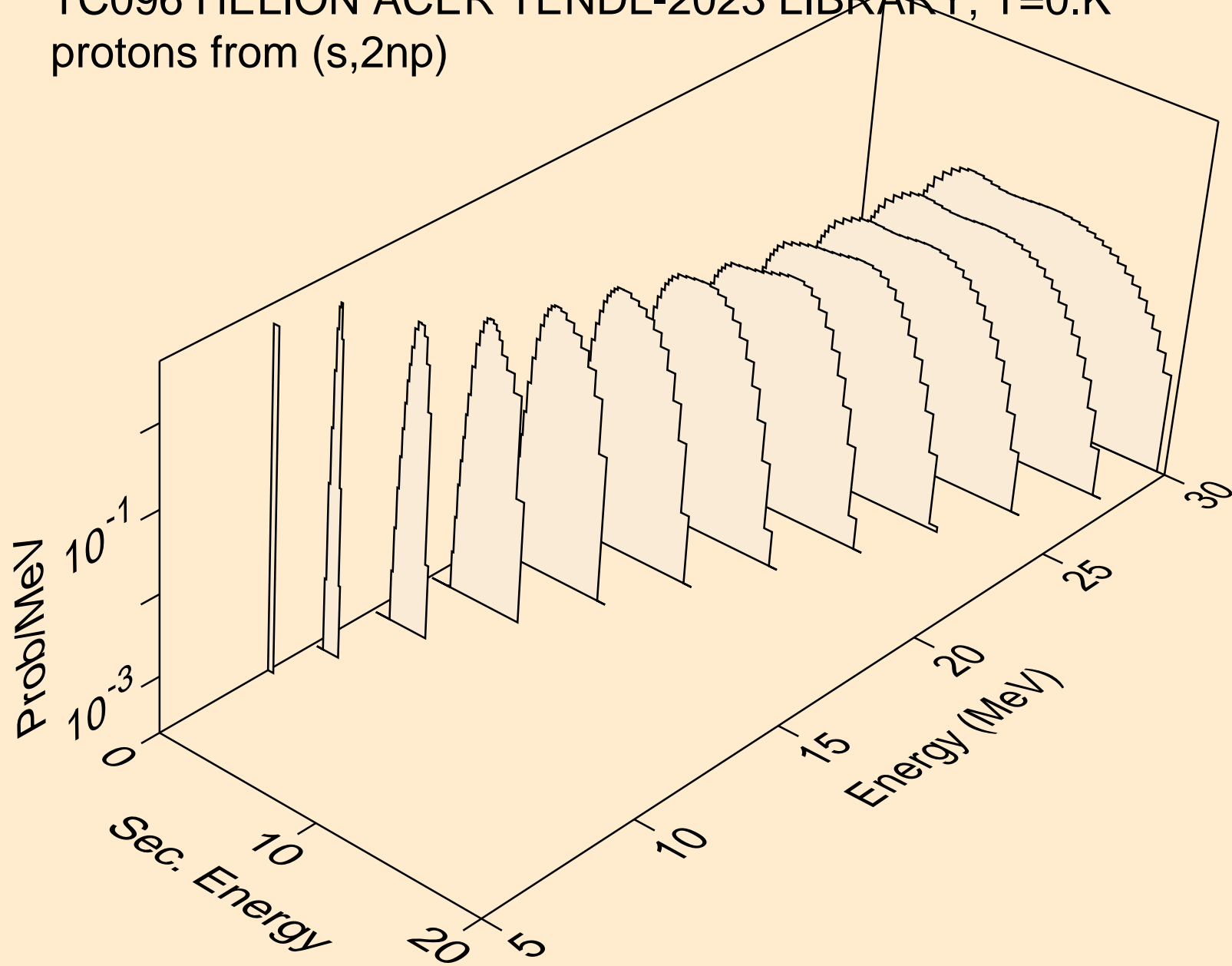
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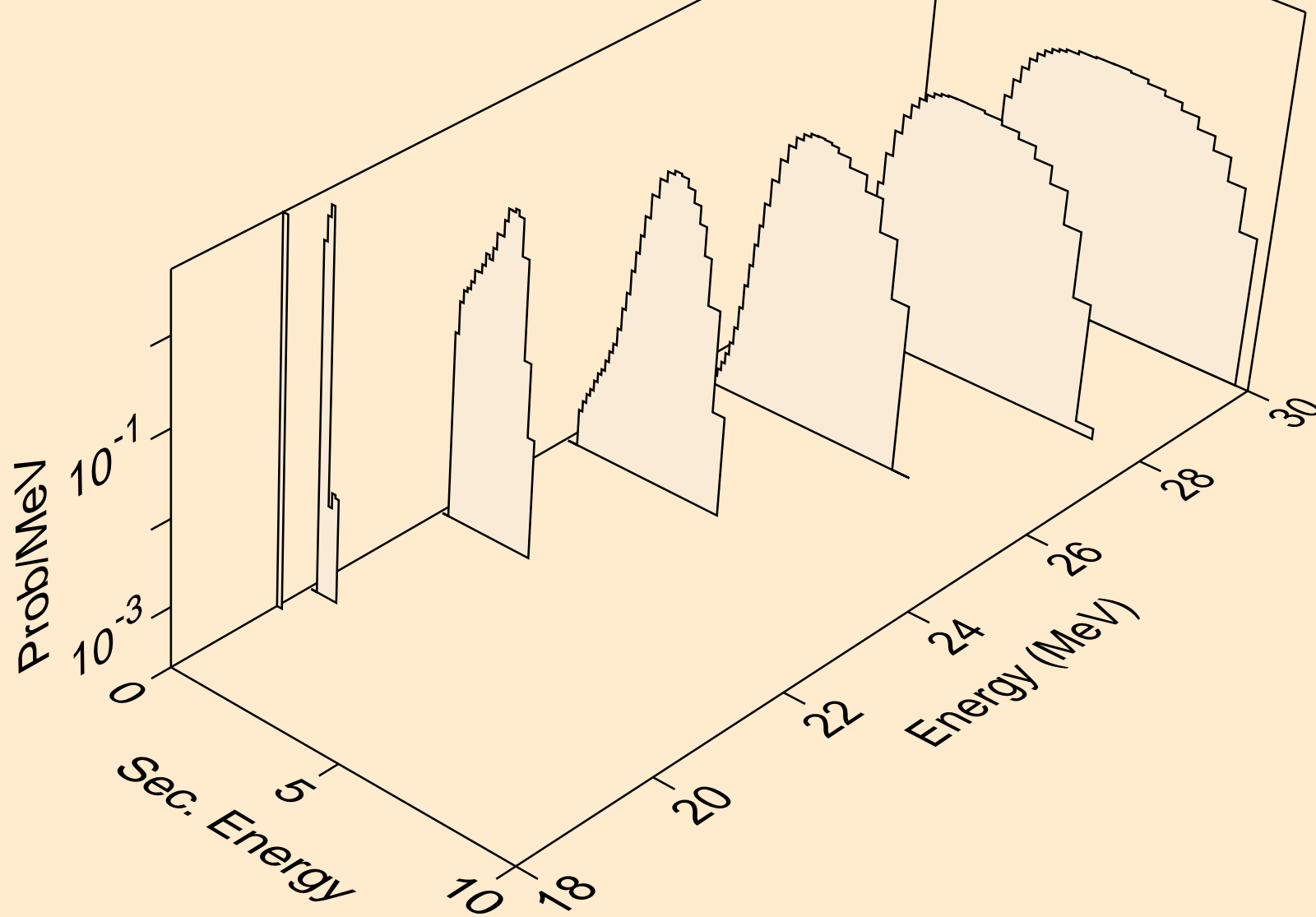
TC096 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,n\*)p



TC096 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,2np)

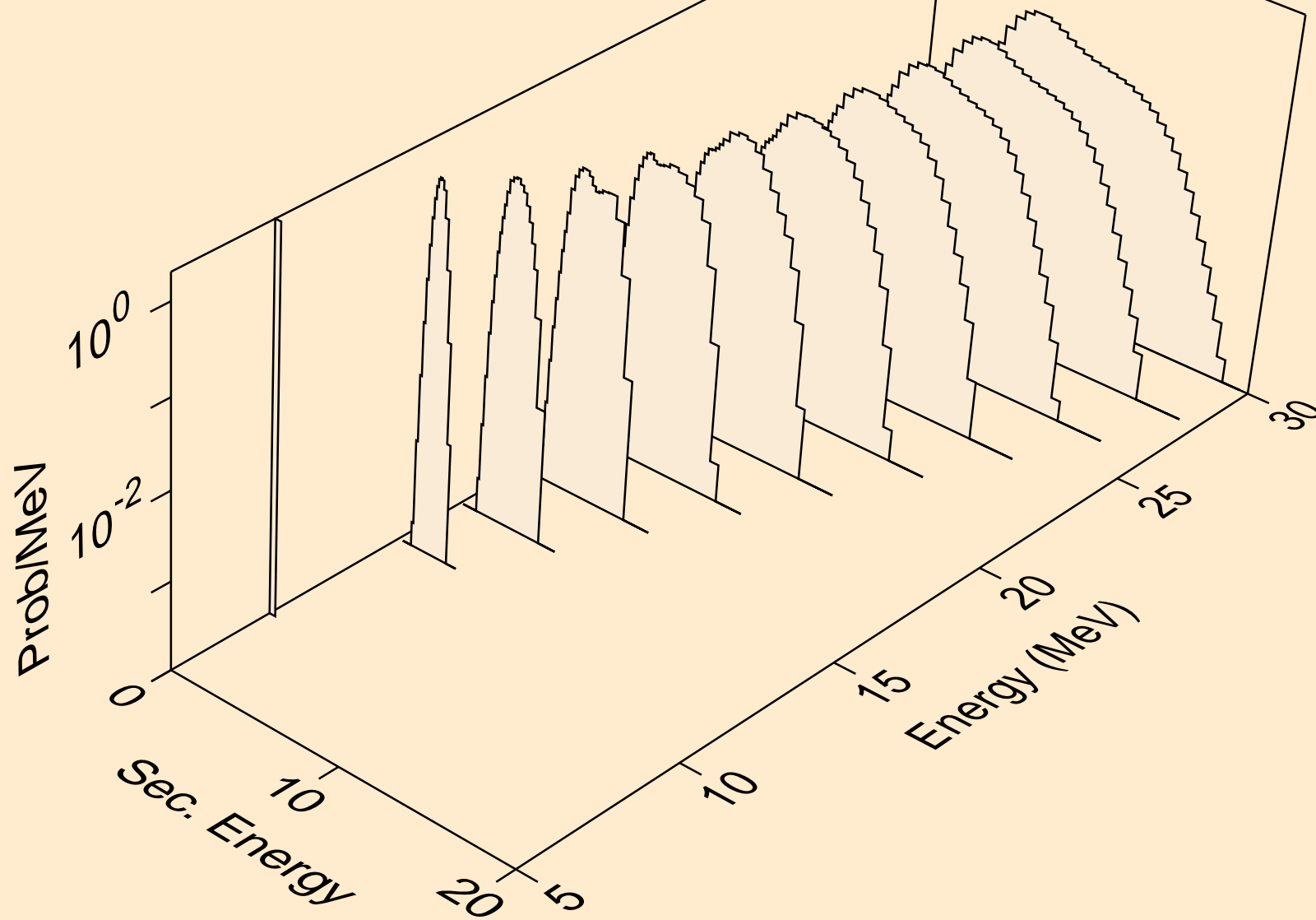


TC096 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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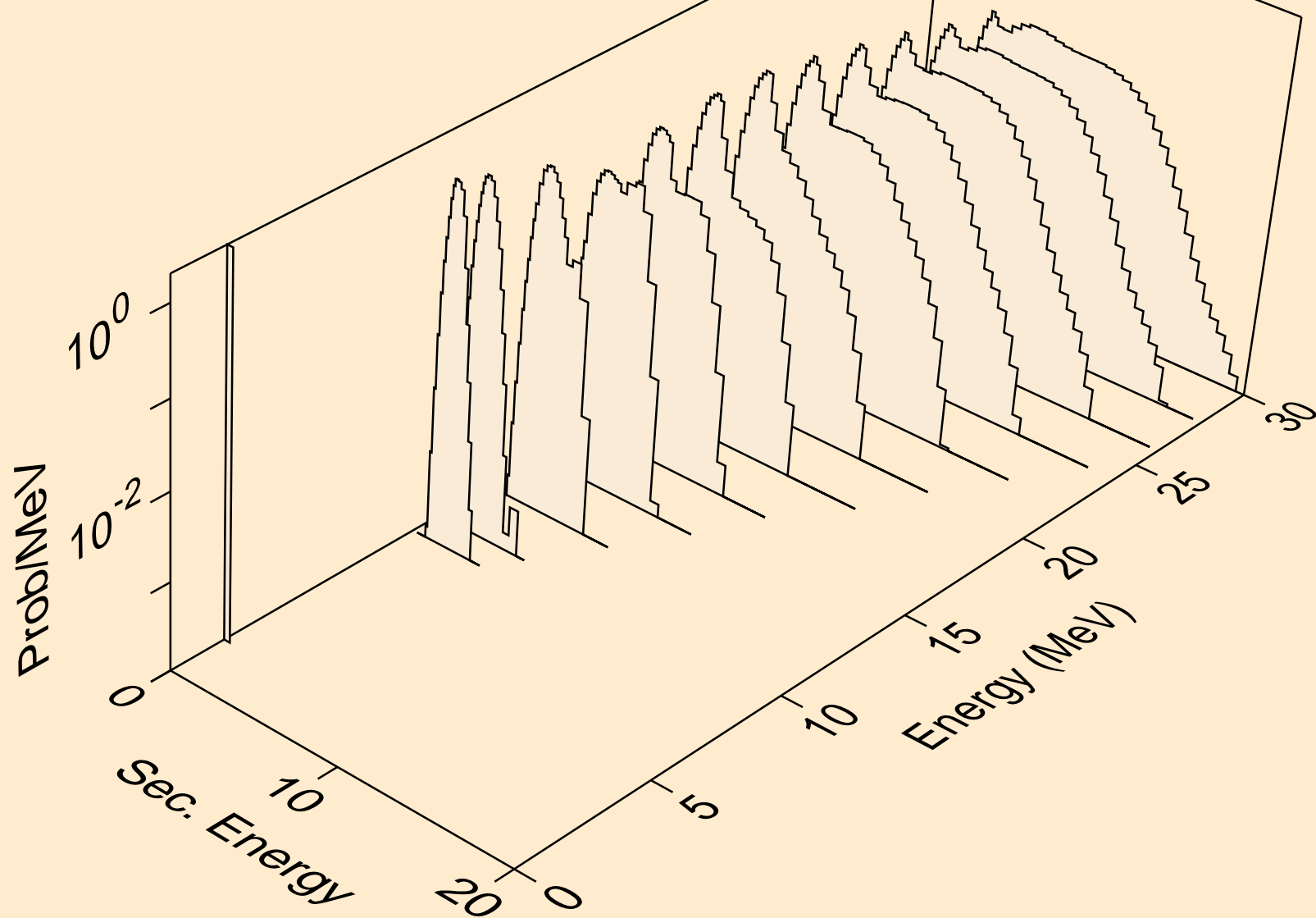




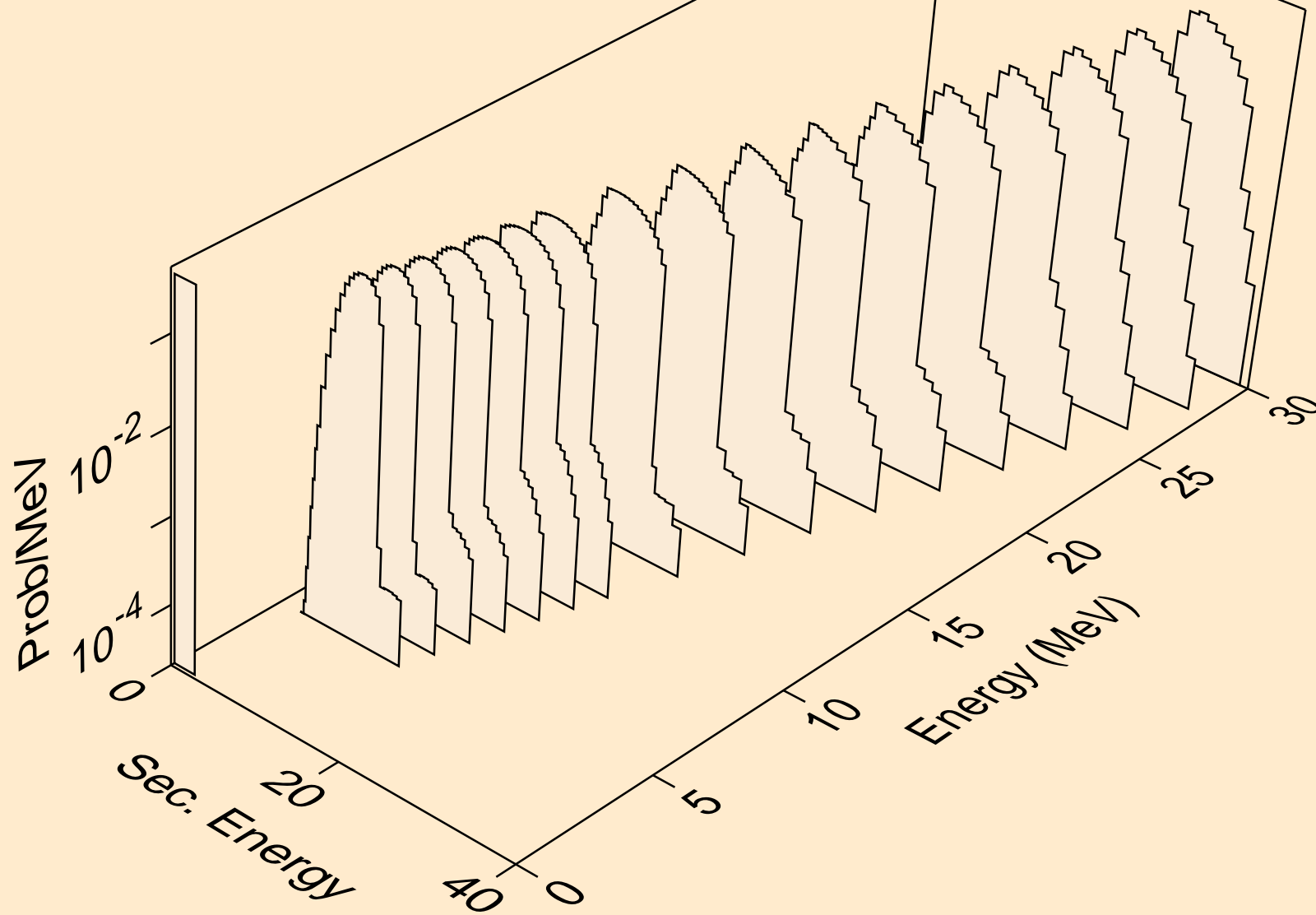
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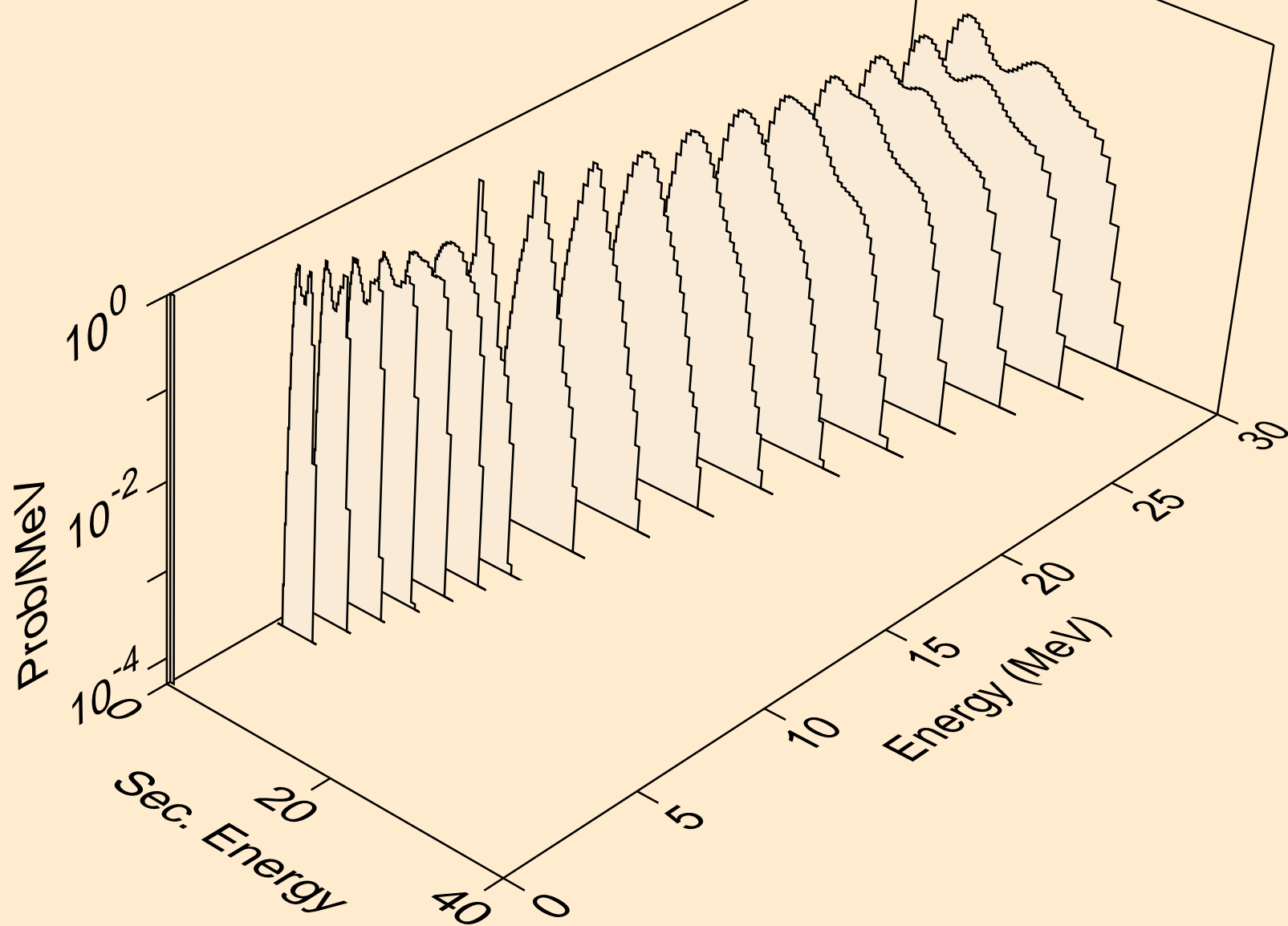
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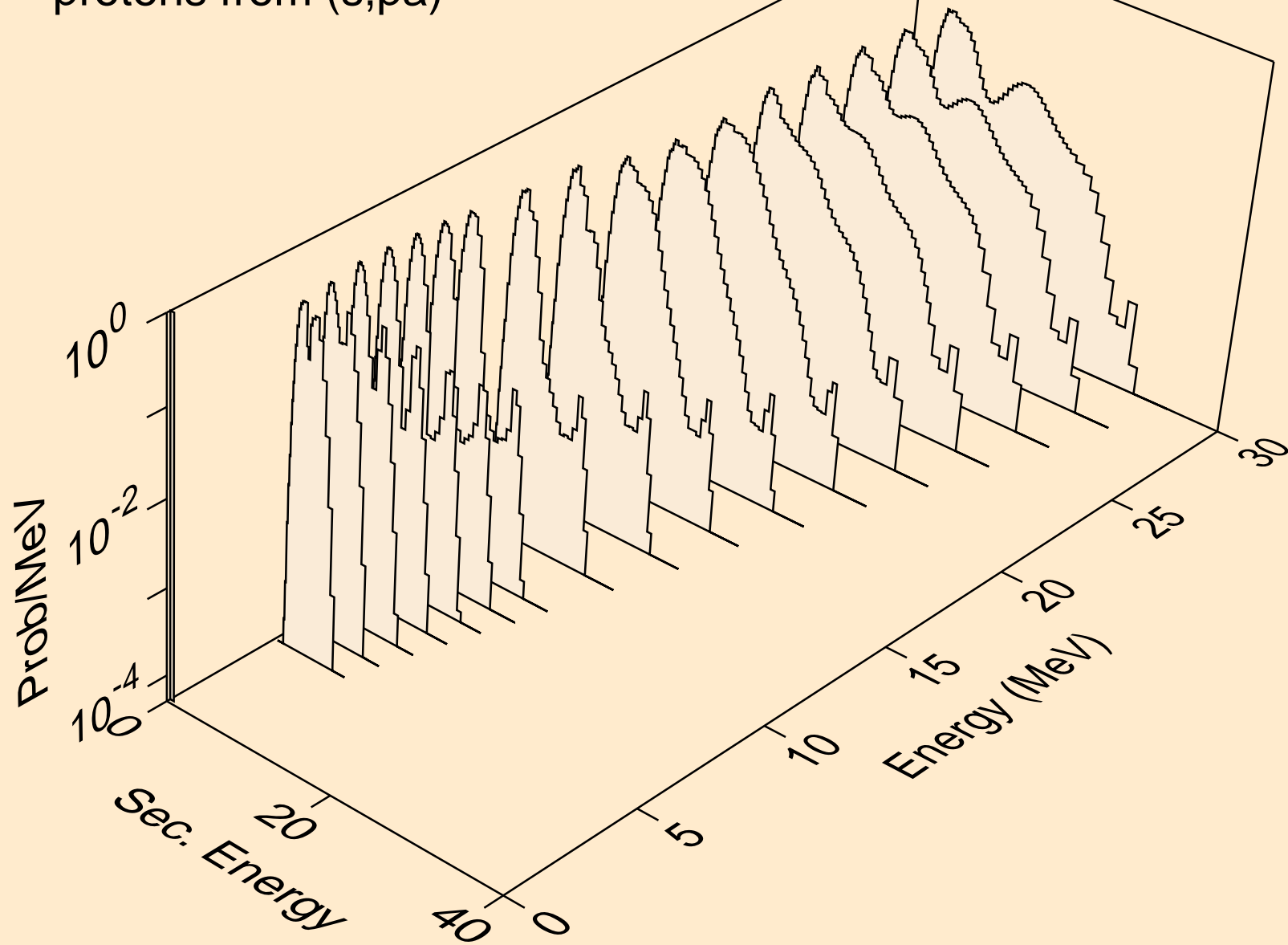
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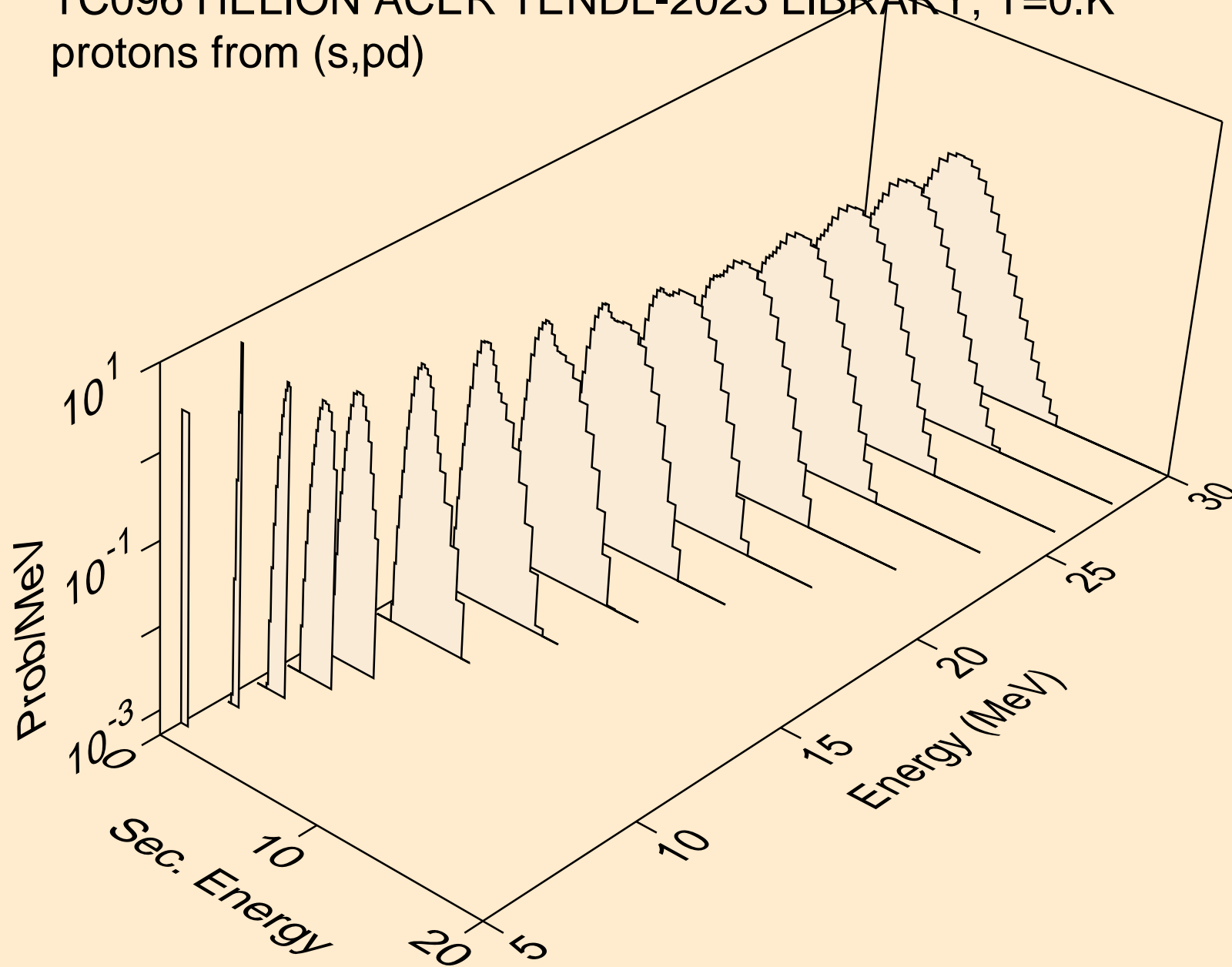
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protons from (s,2p)



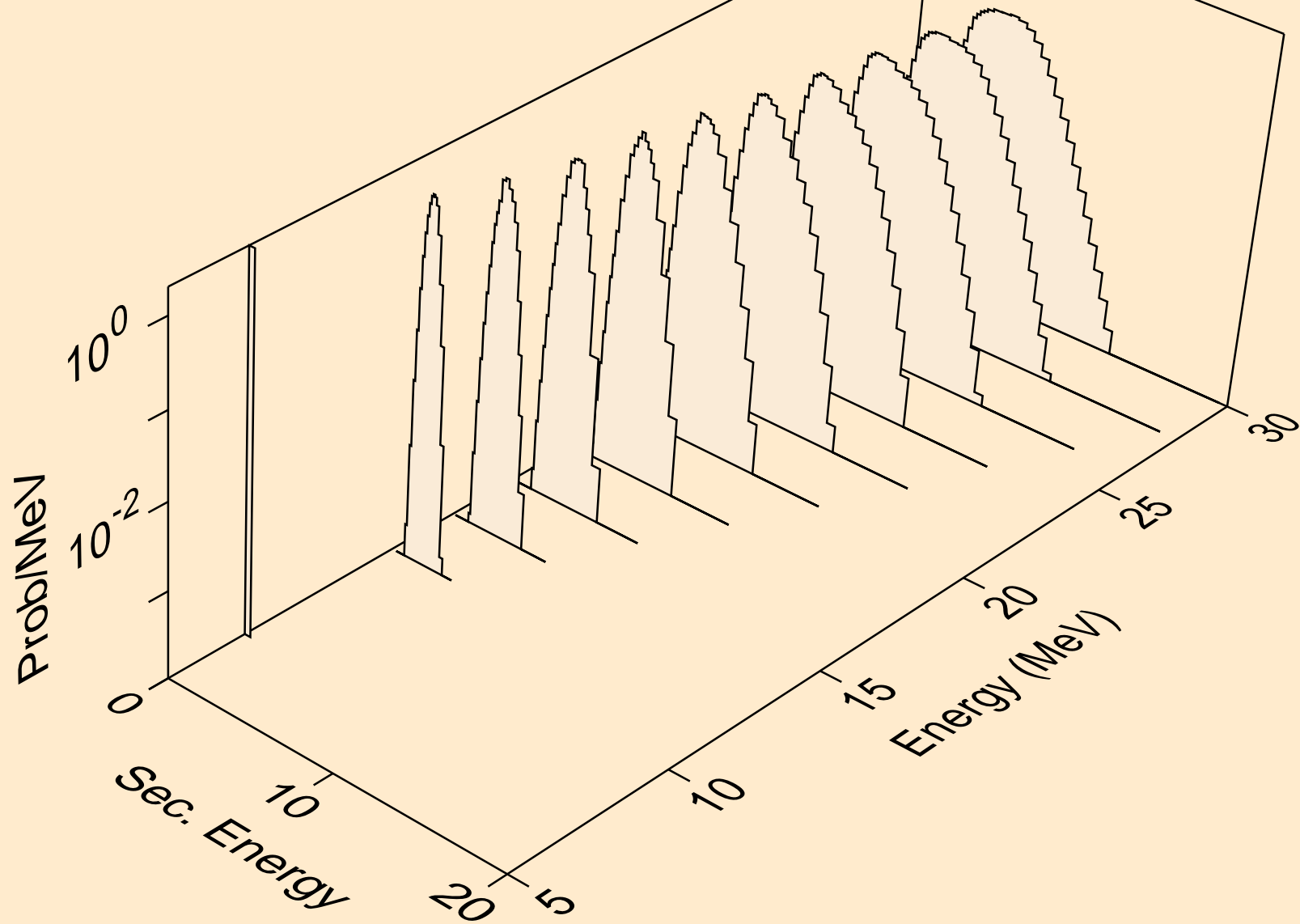
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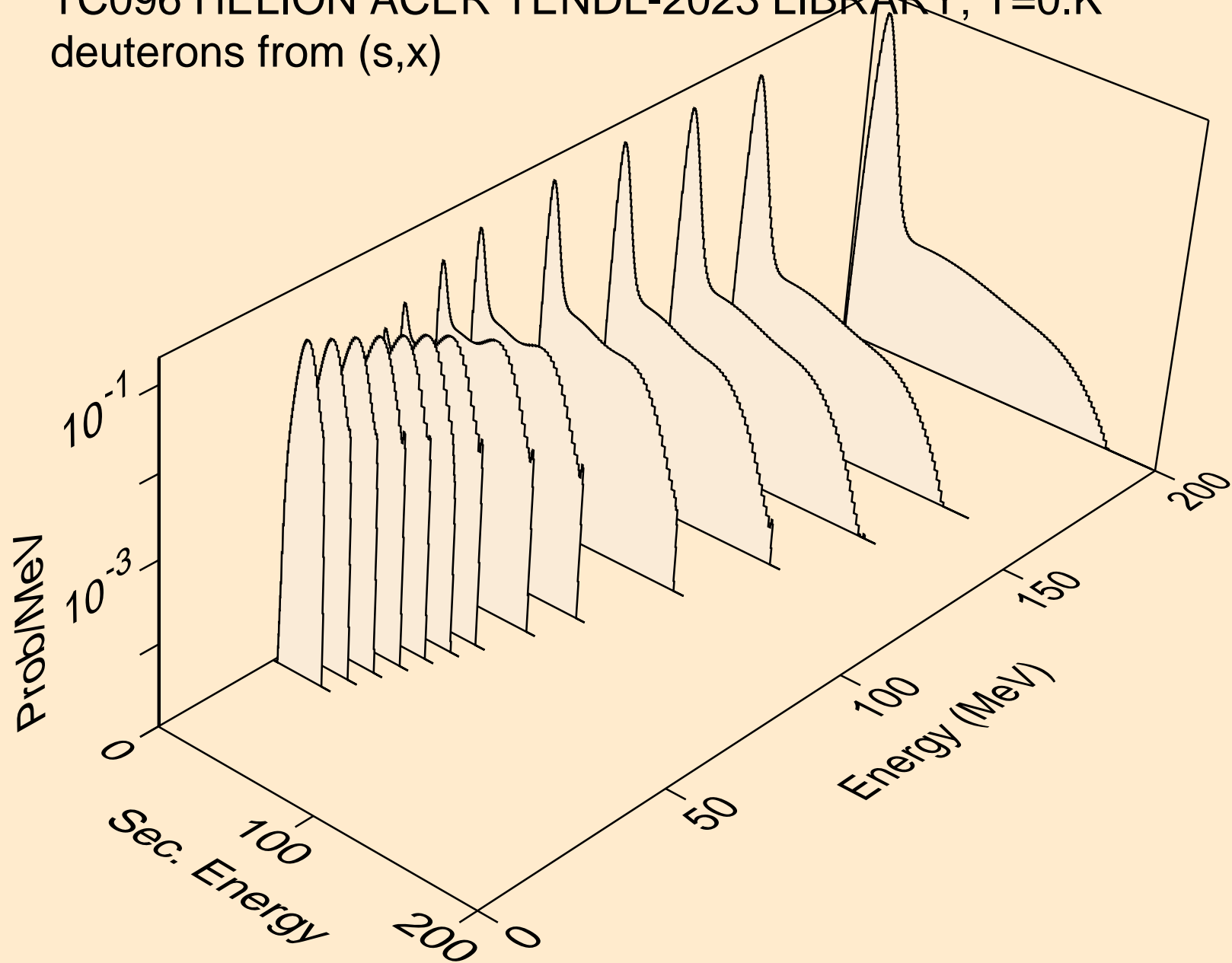
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protons from (s,pd)



TC096 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pt)

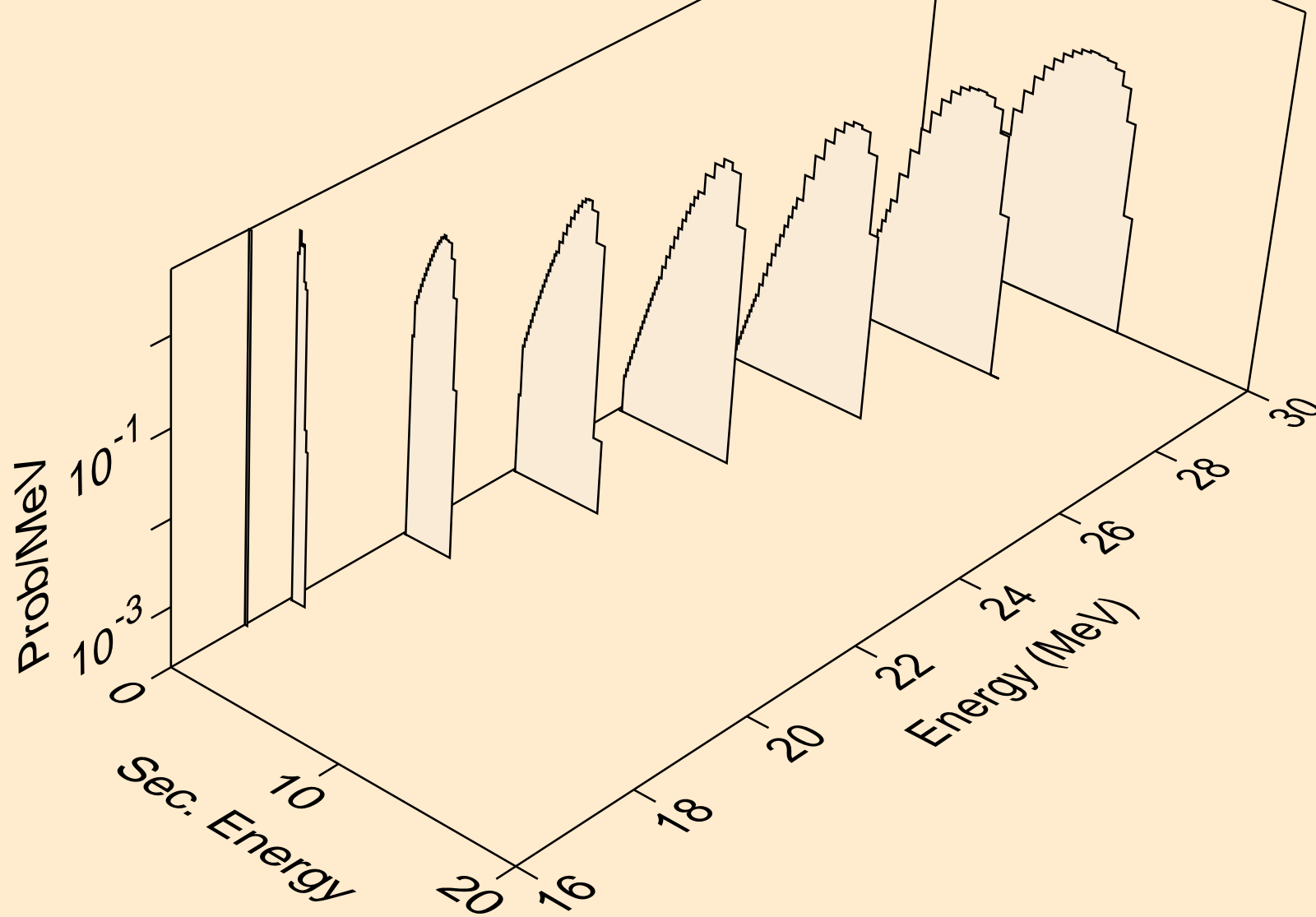


TC096 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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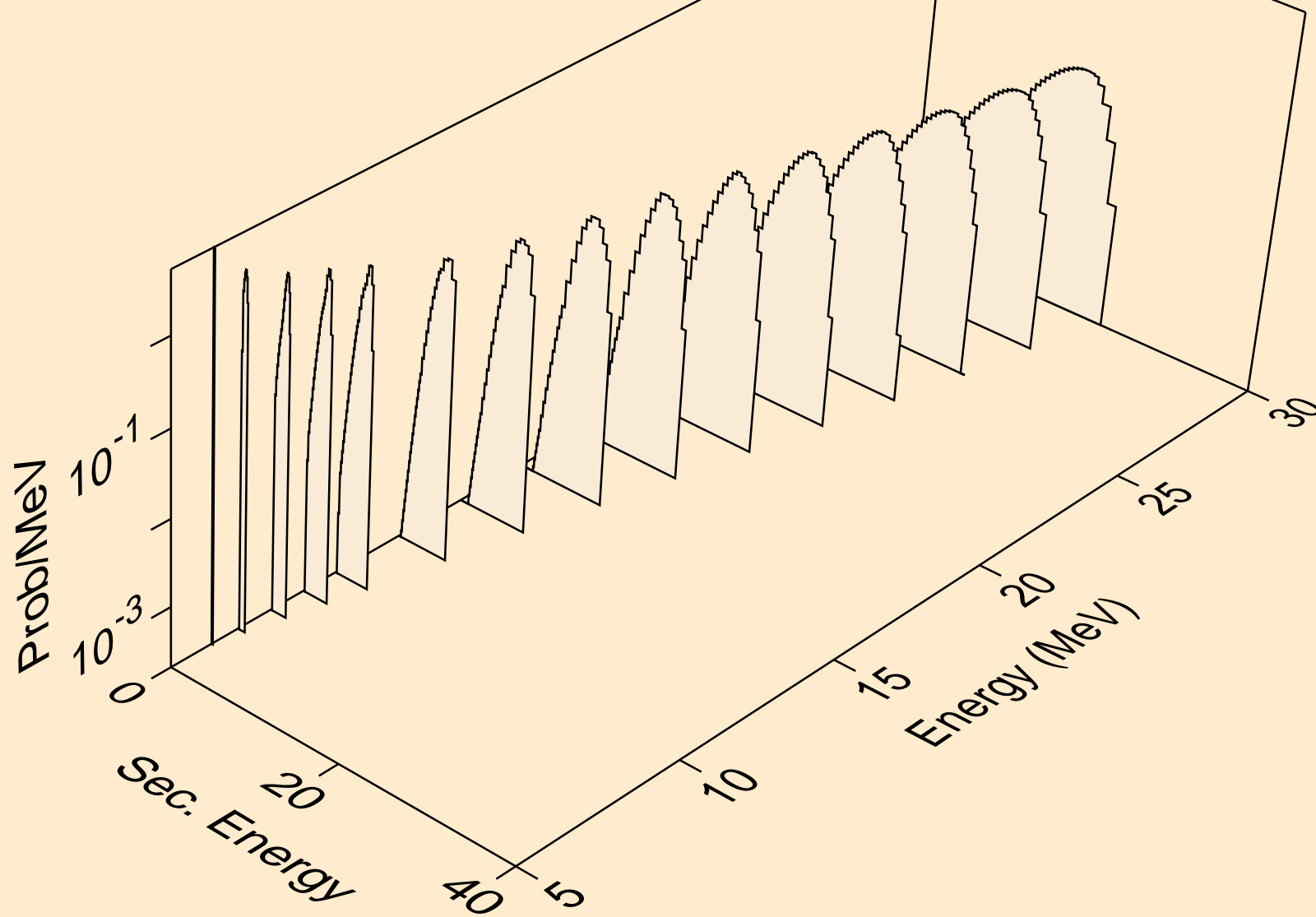




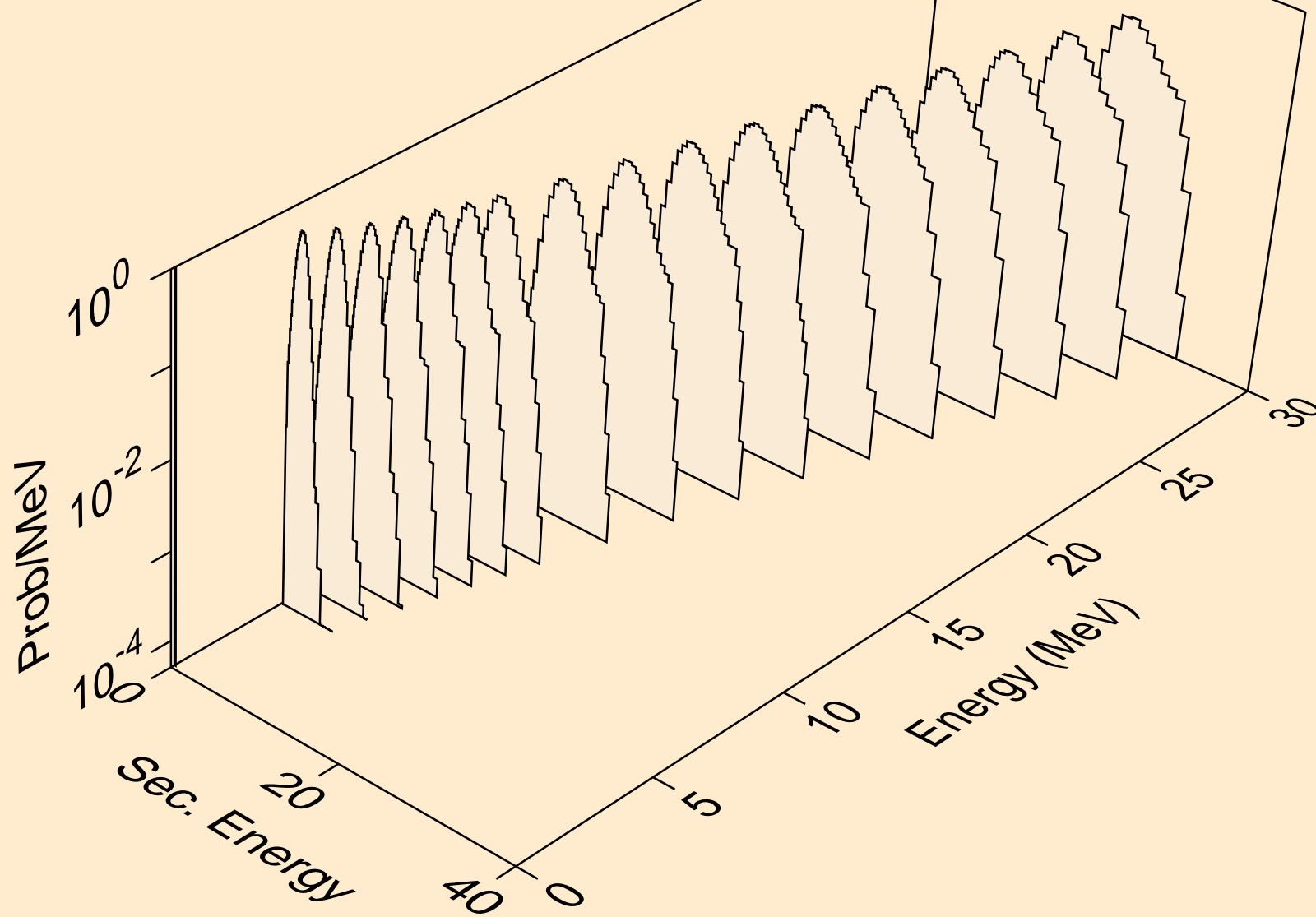
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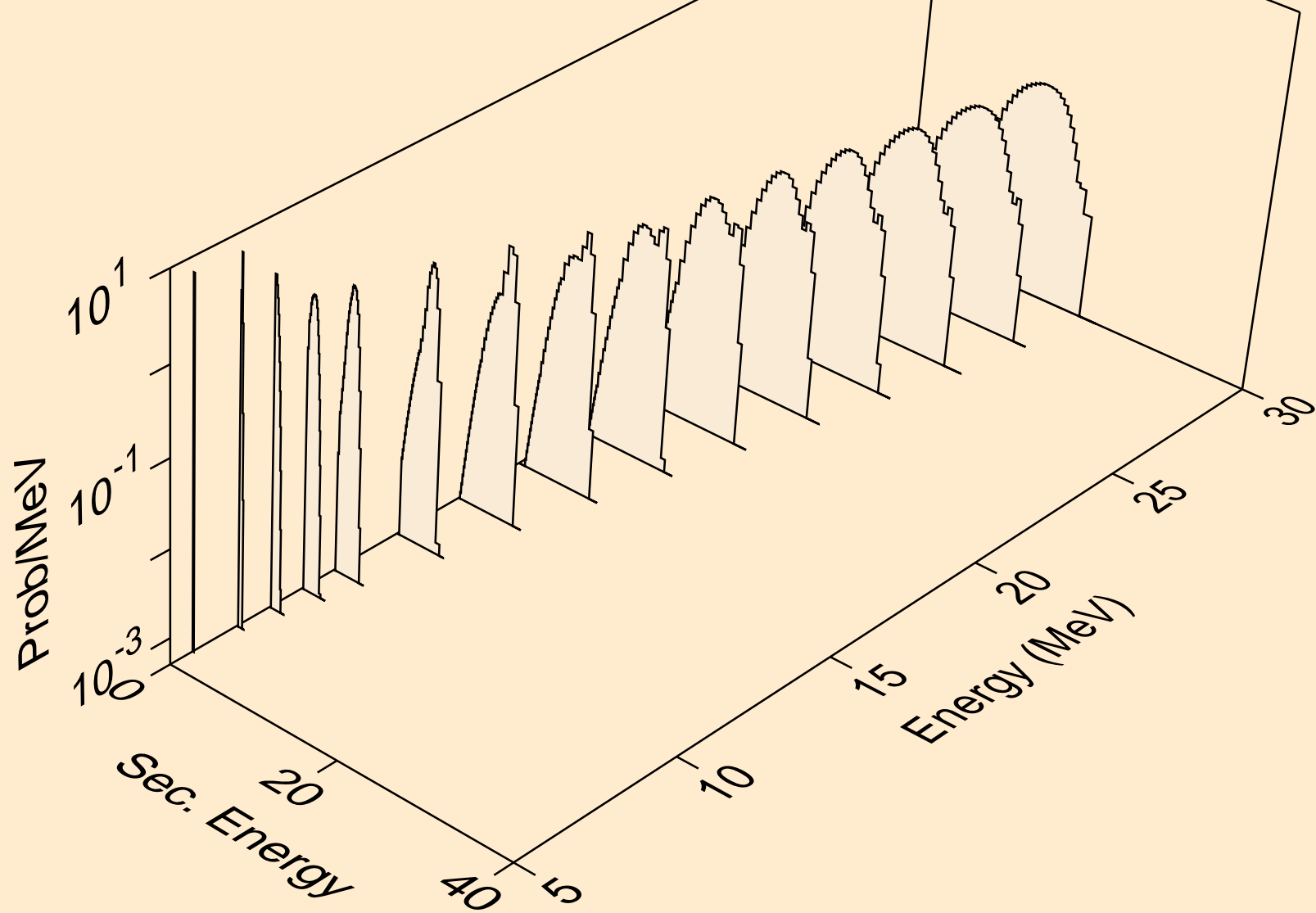
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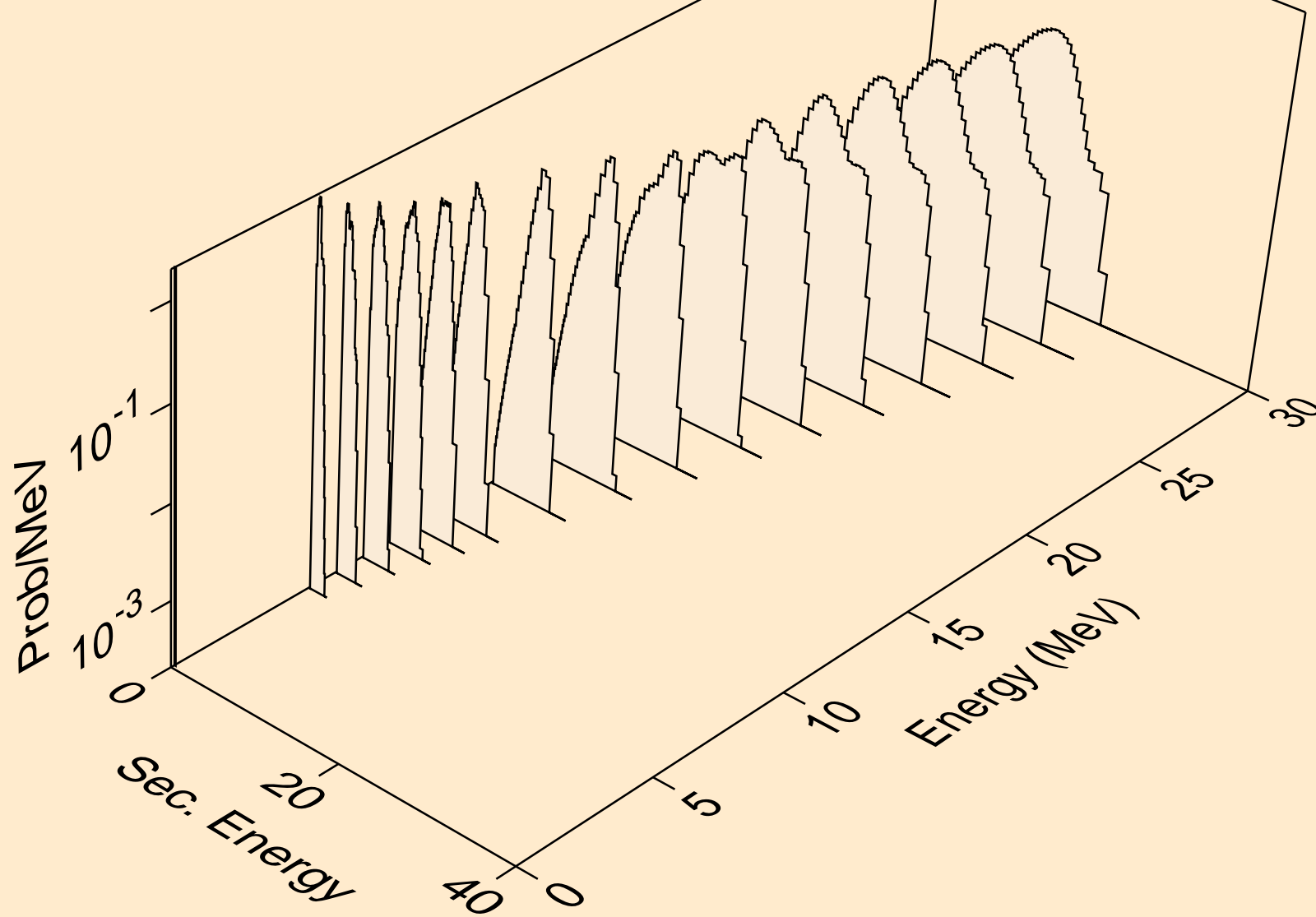
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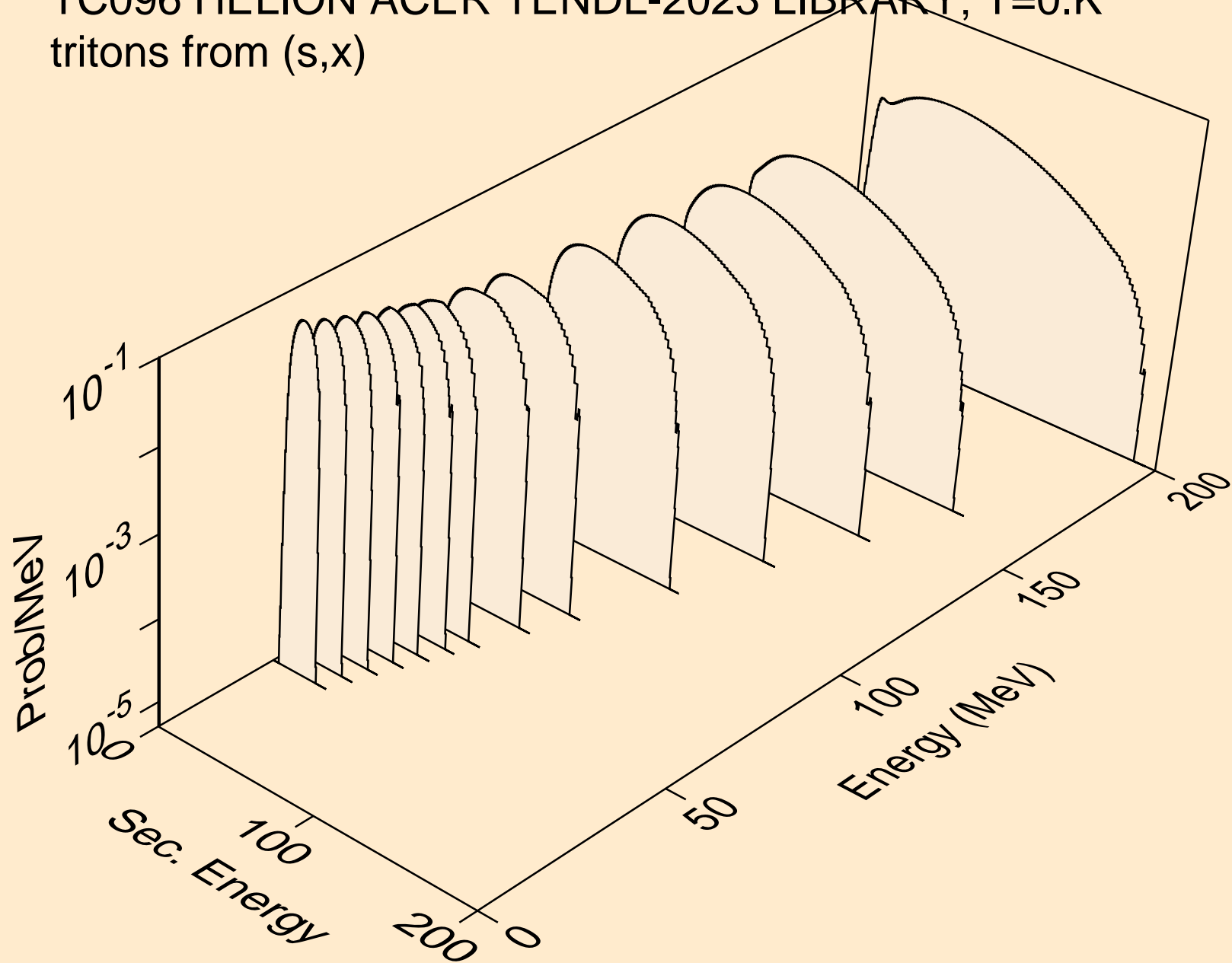
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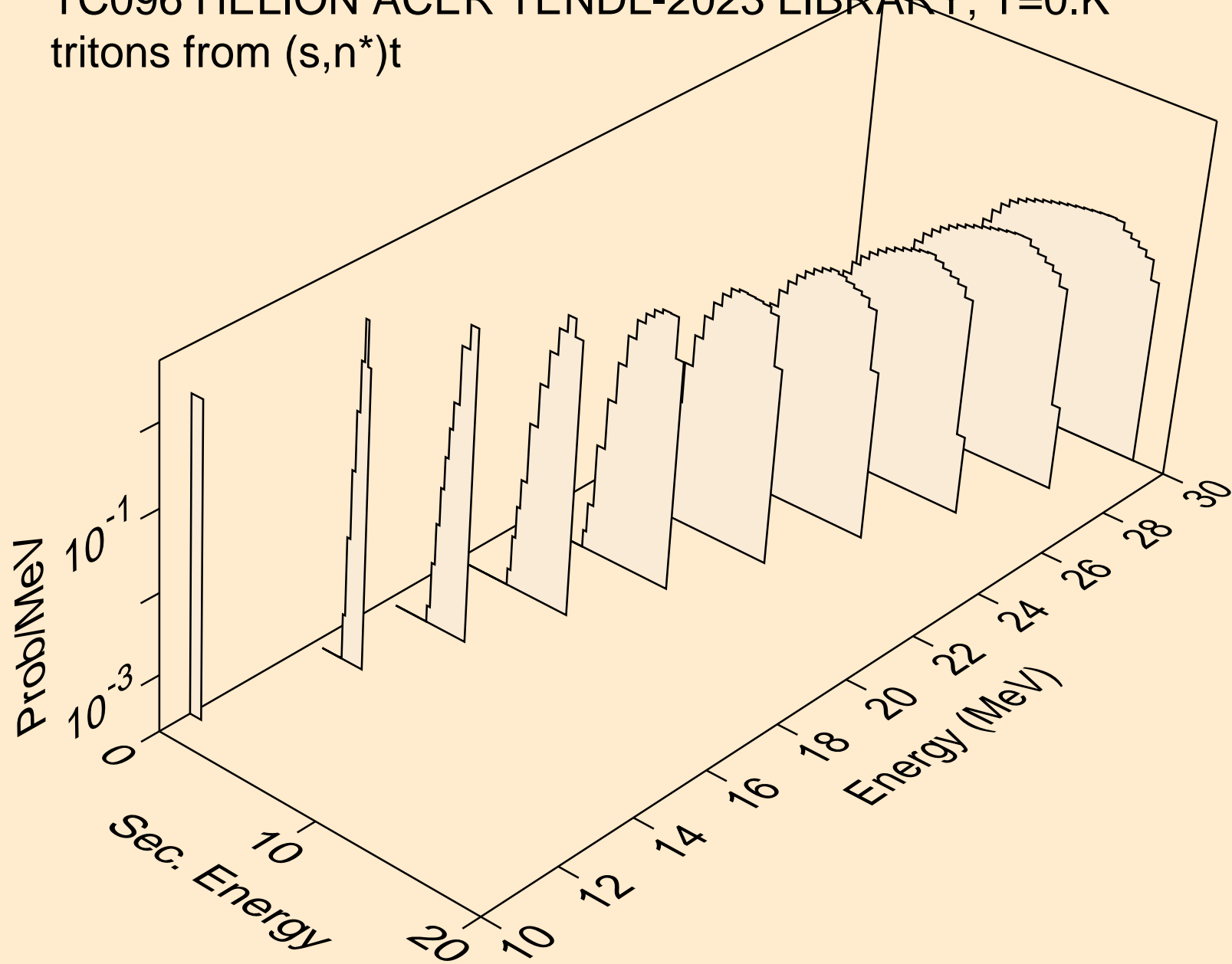
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deuterons from (s,da)



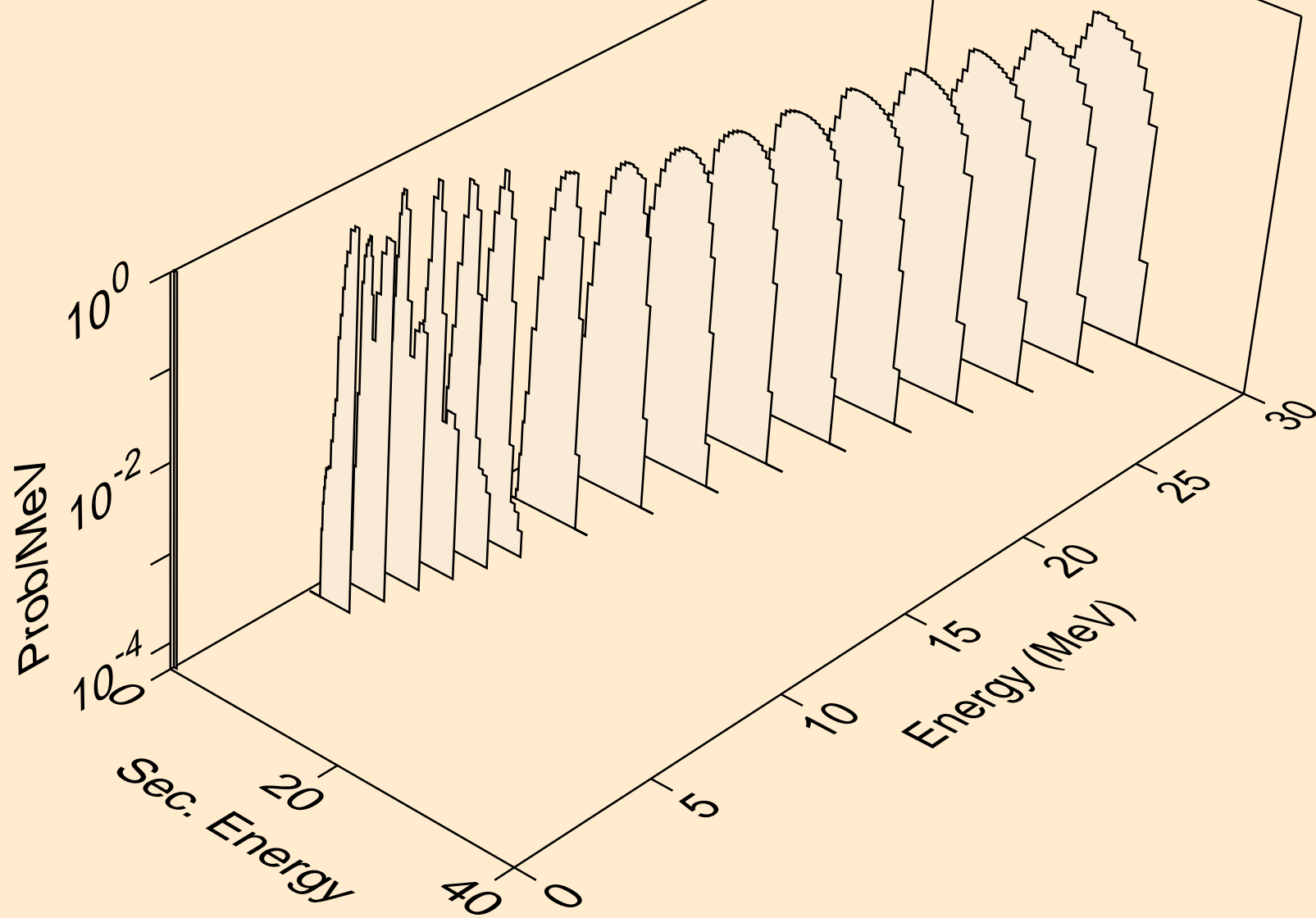
TC096 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,x)



TC096 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,n\*)t

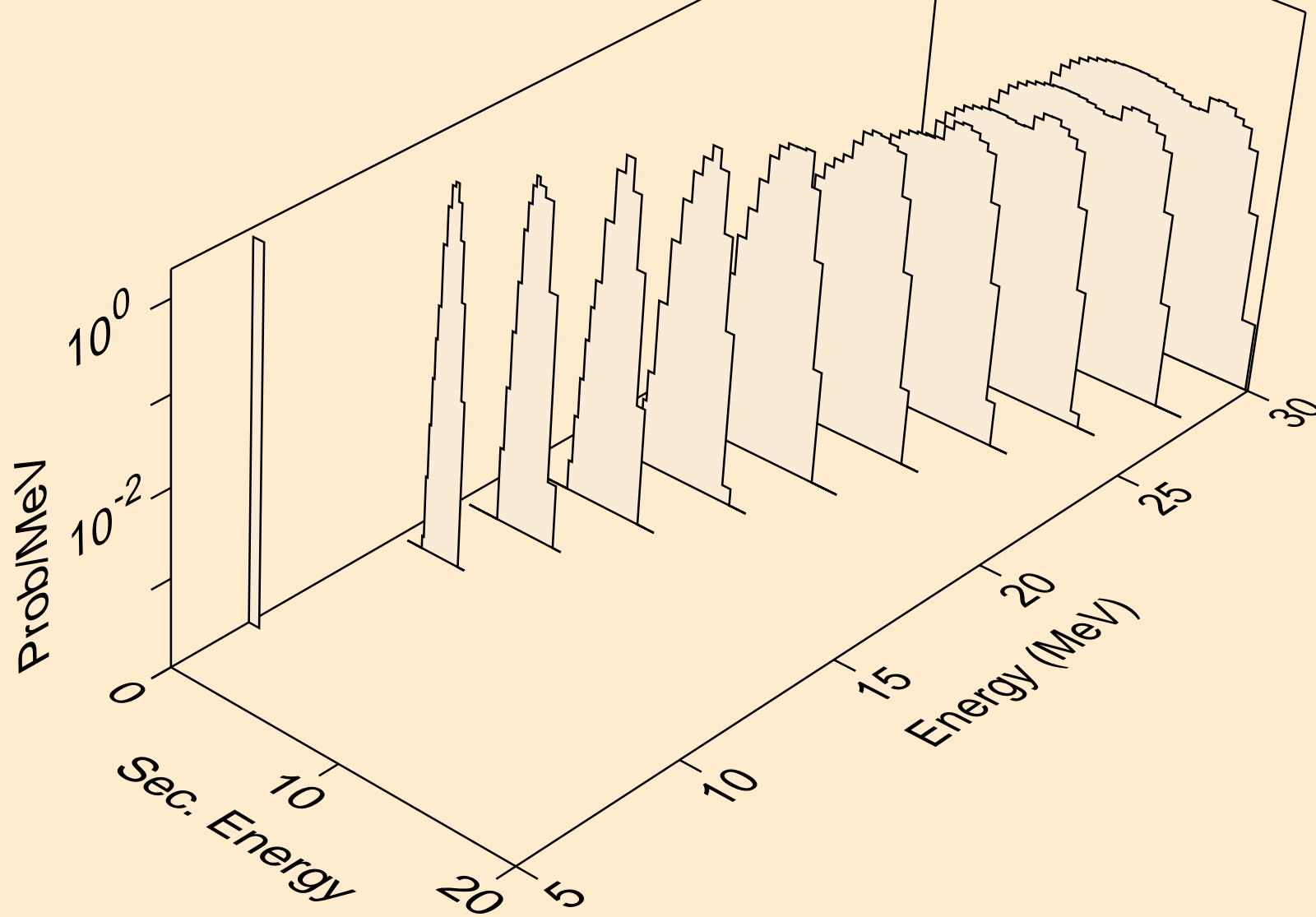


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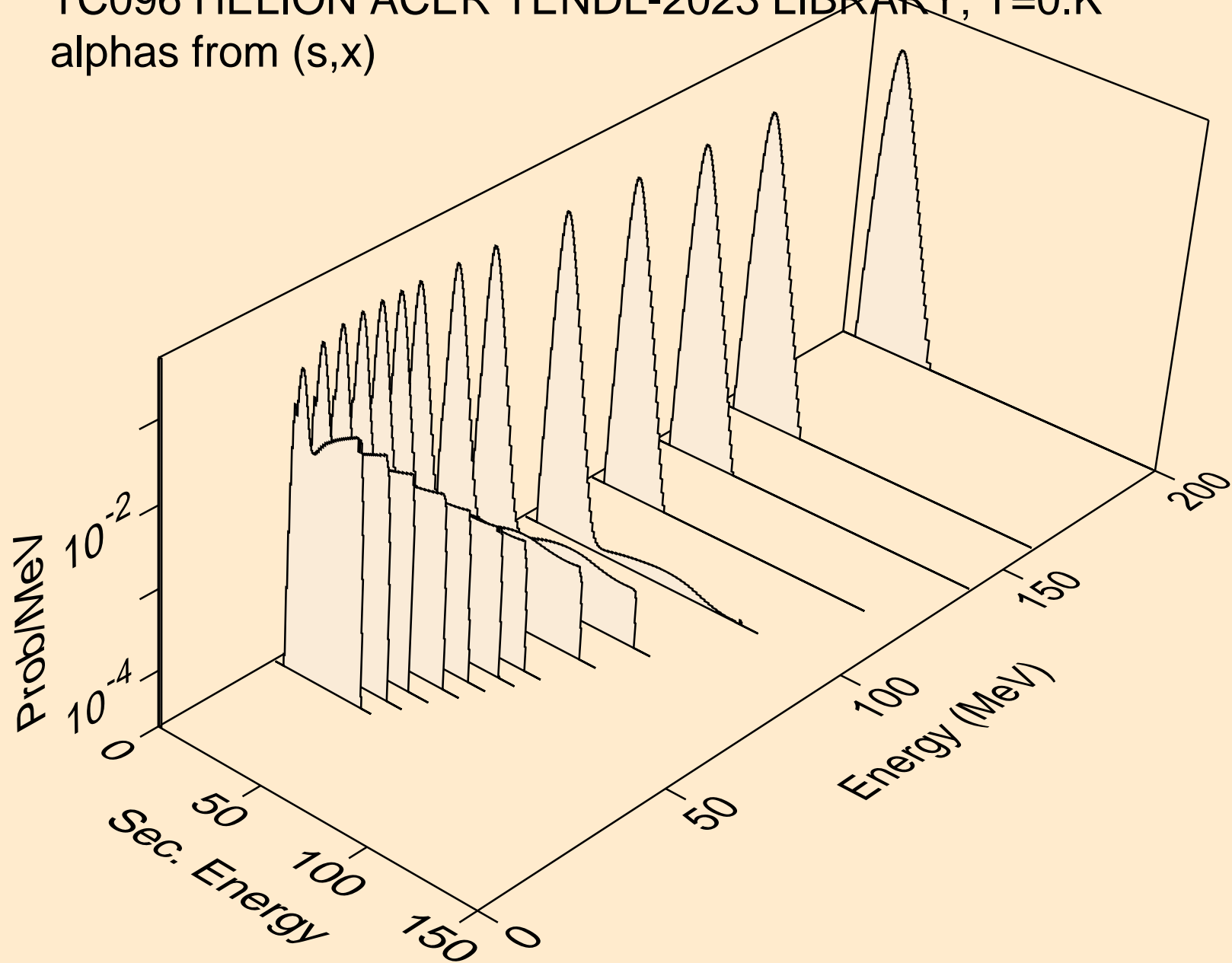




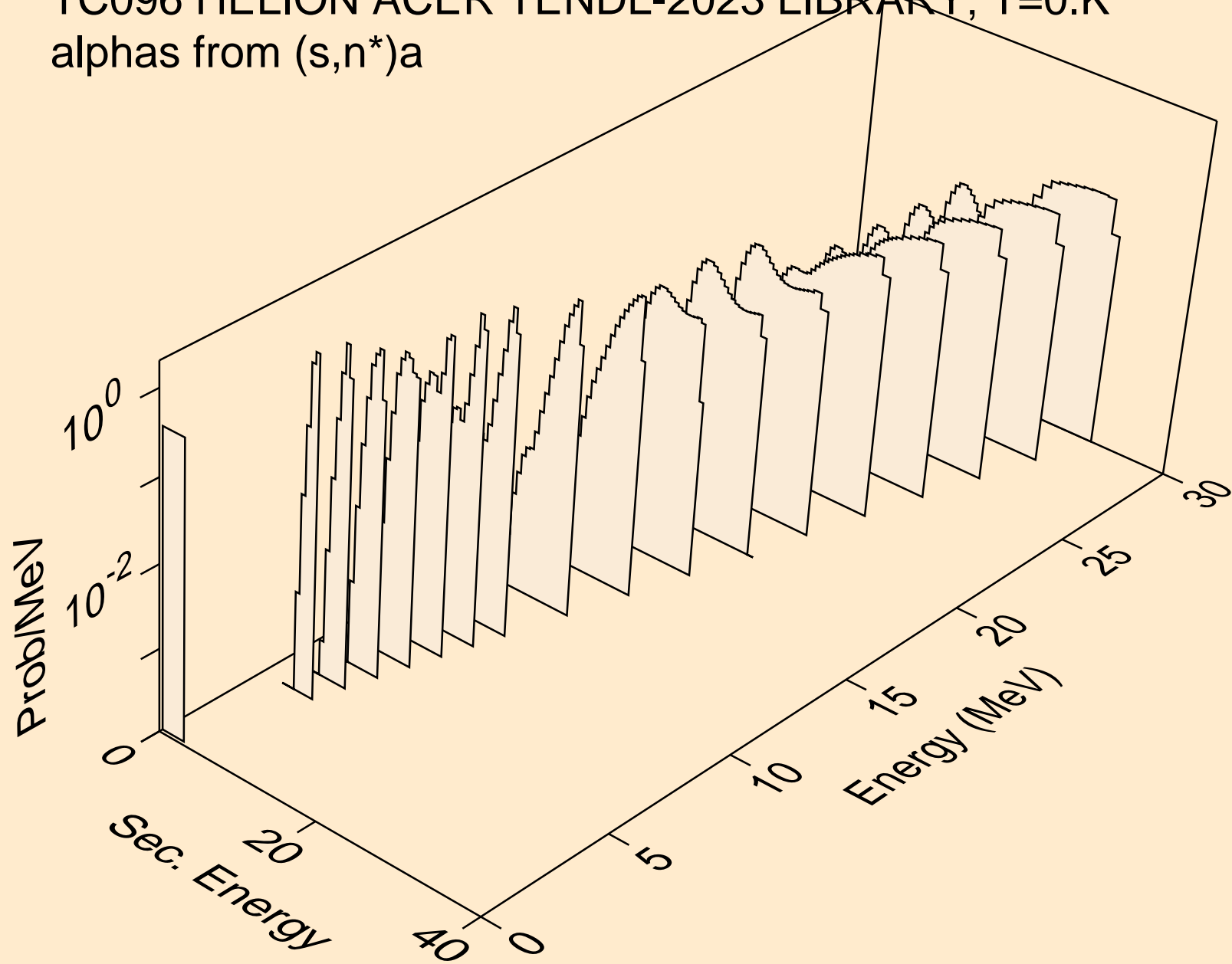
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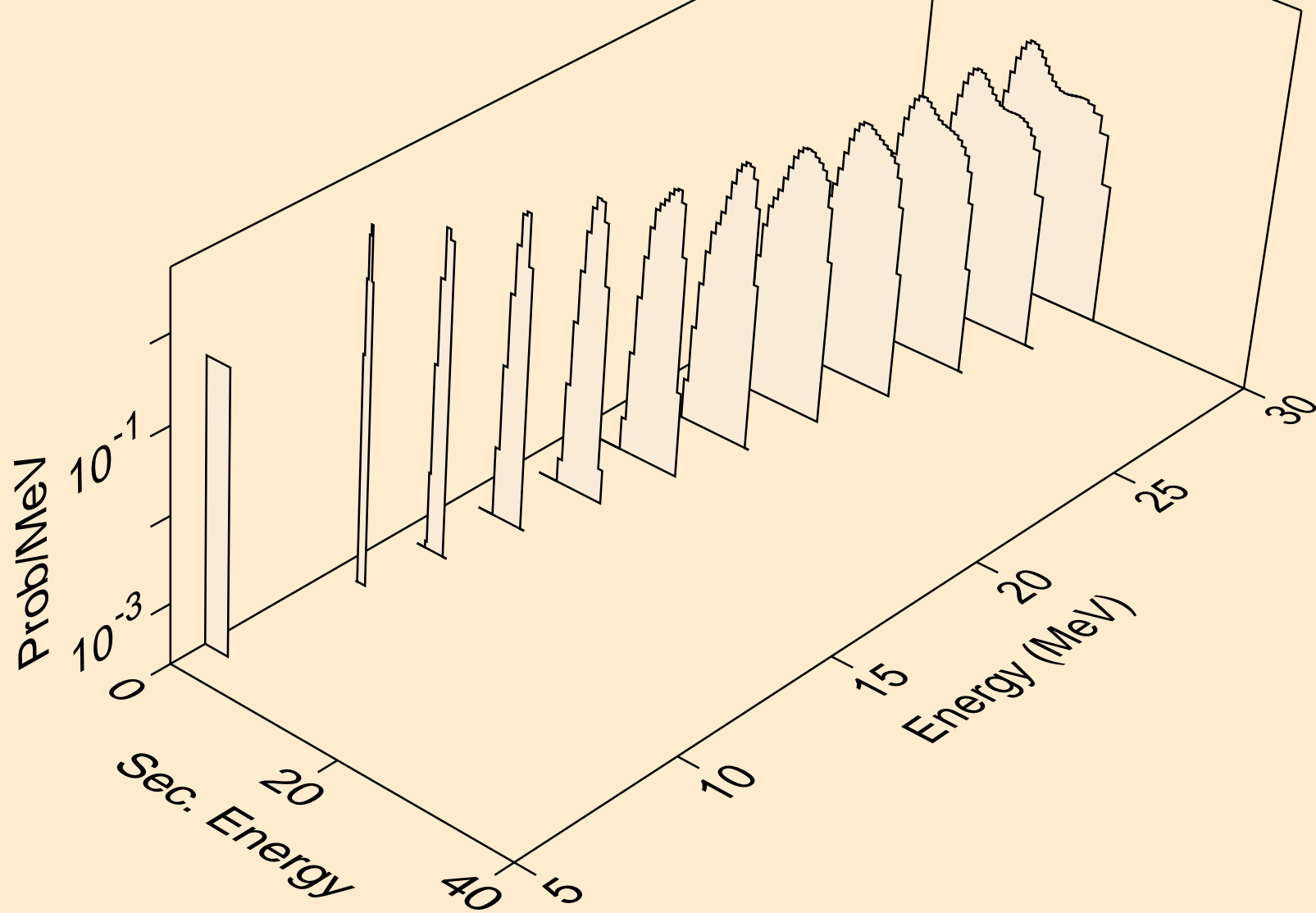
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alphas from (s,x)



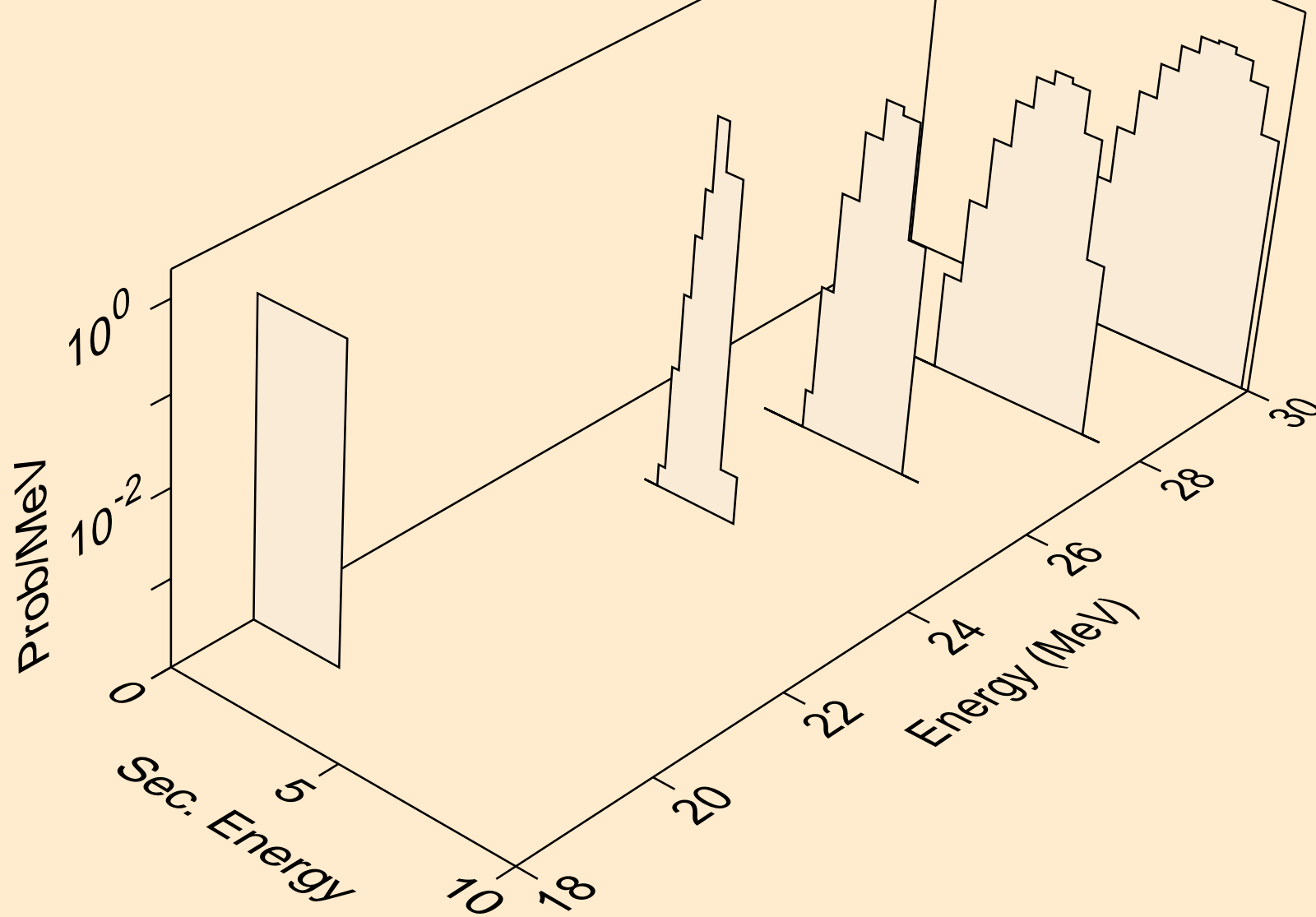
TC096 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)a



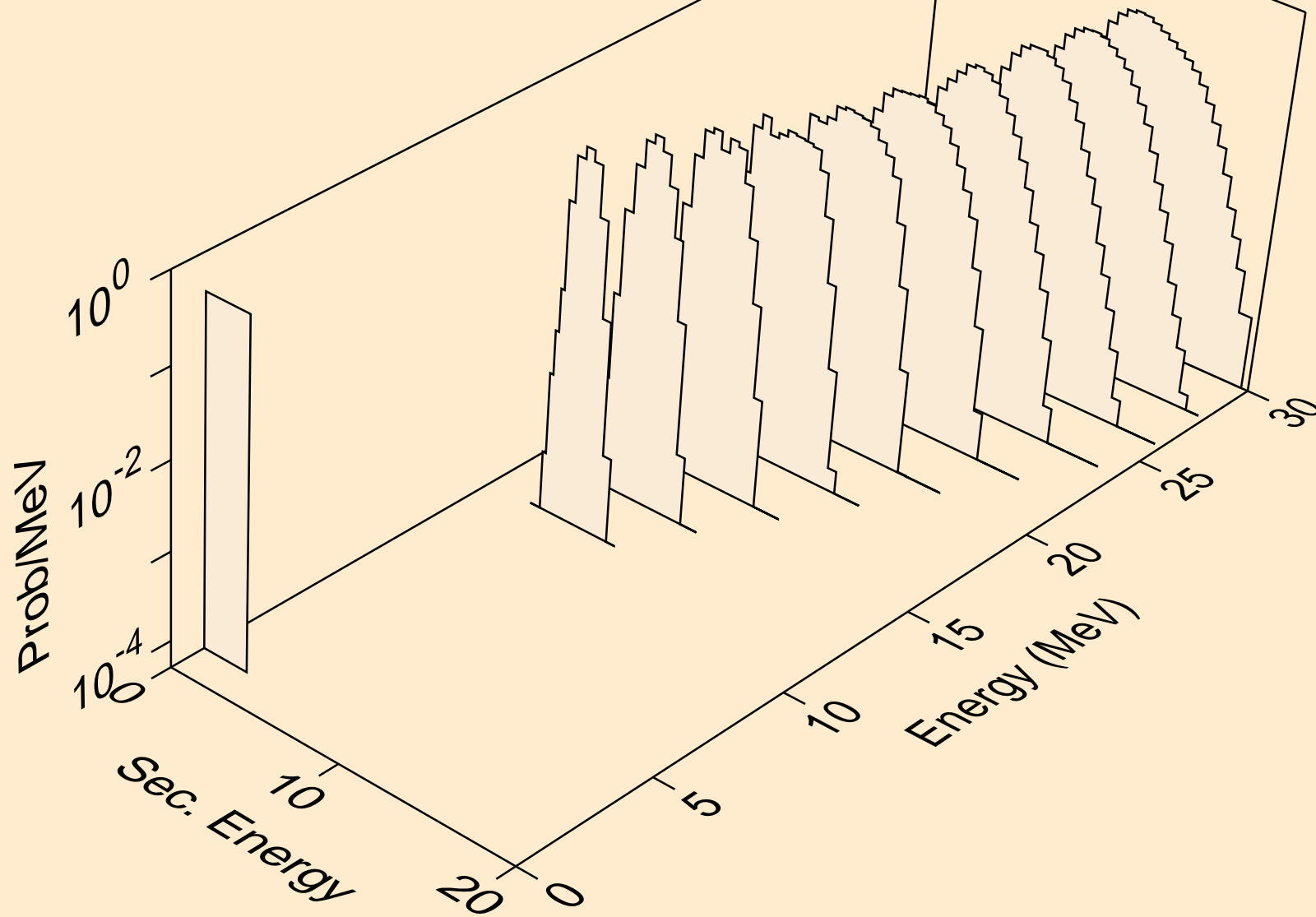
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alphas from (s,2n)a



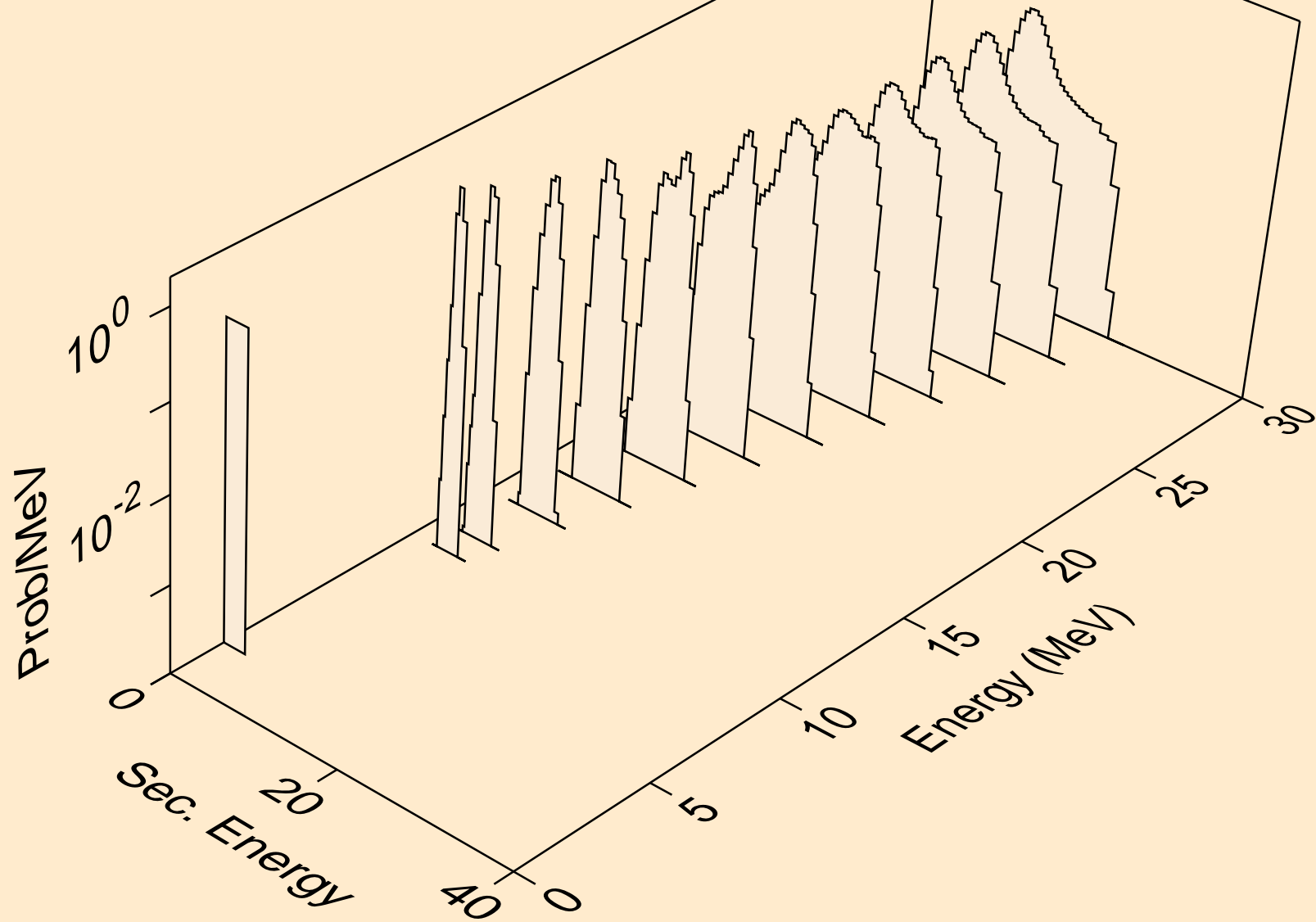
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alphas from (s,3n)a



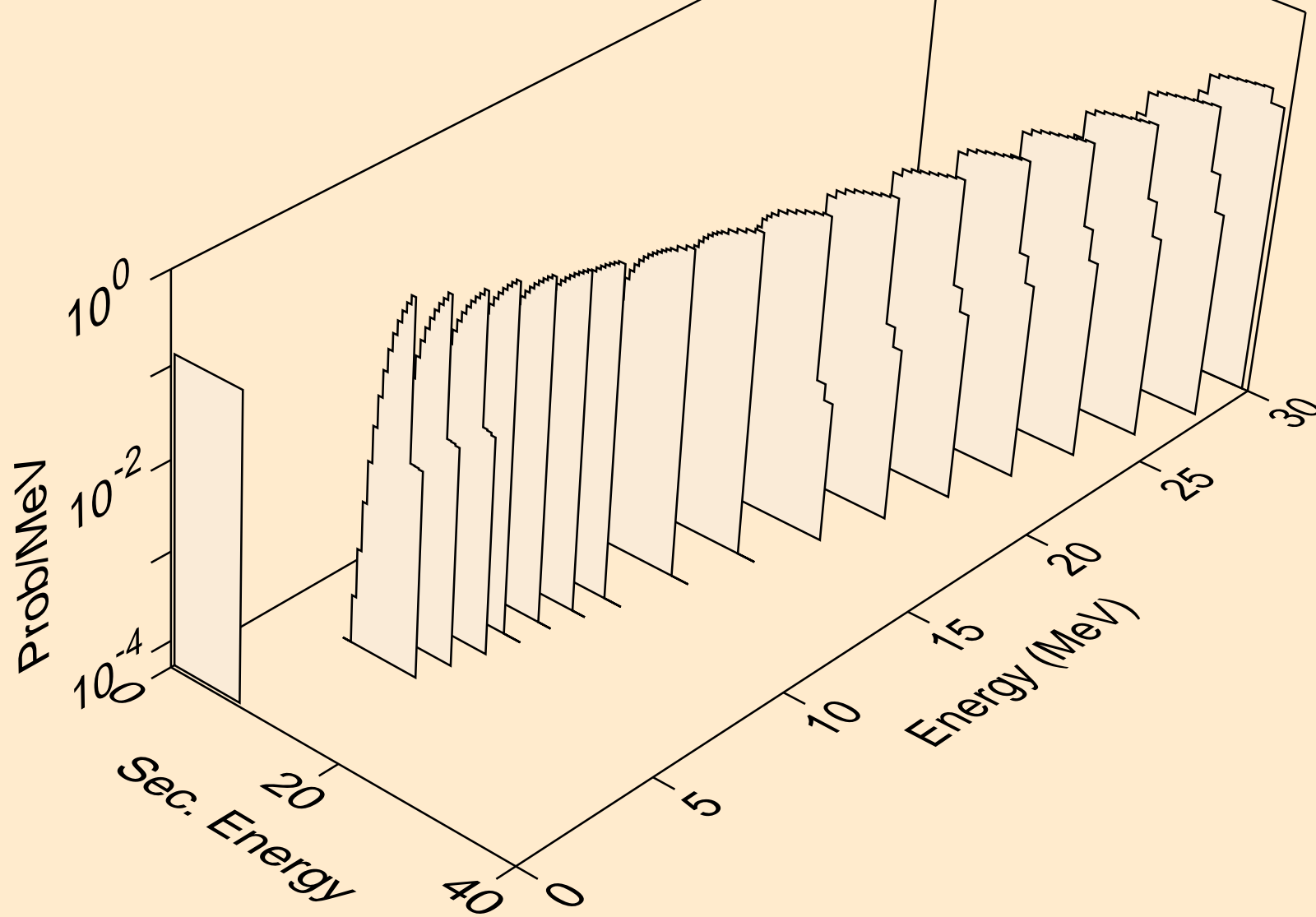
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alphas from (s,n\*)2a



TC096 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,npa)

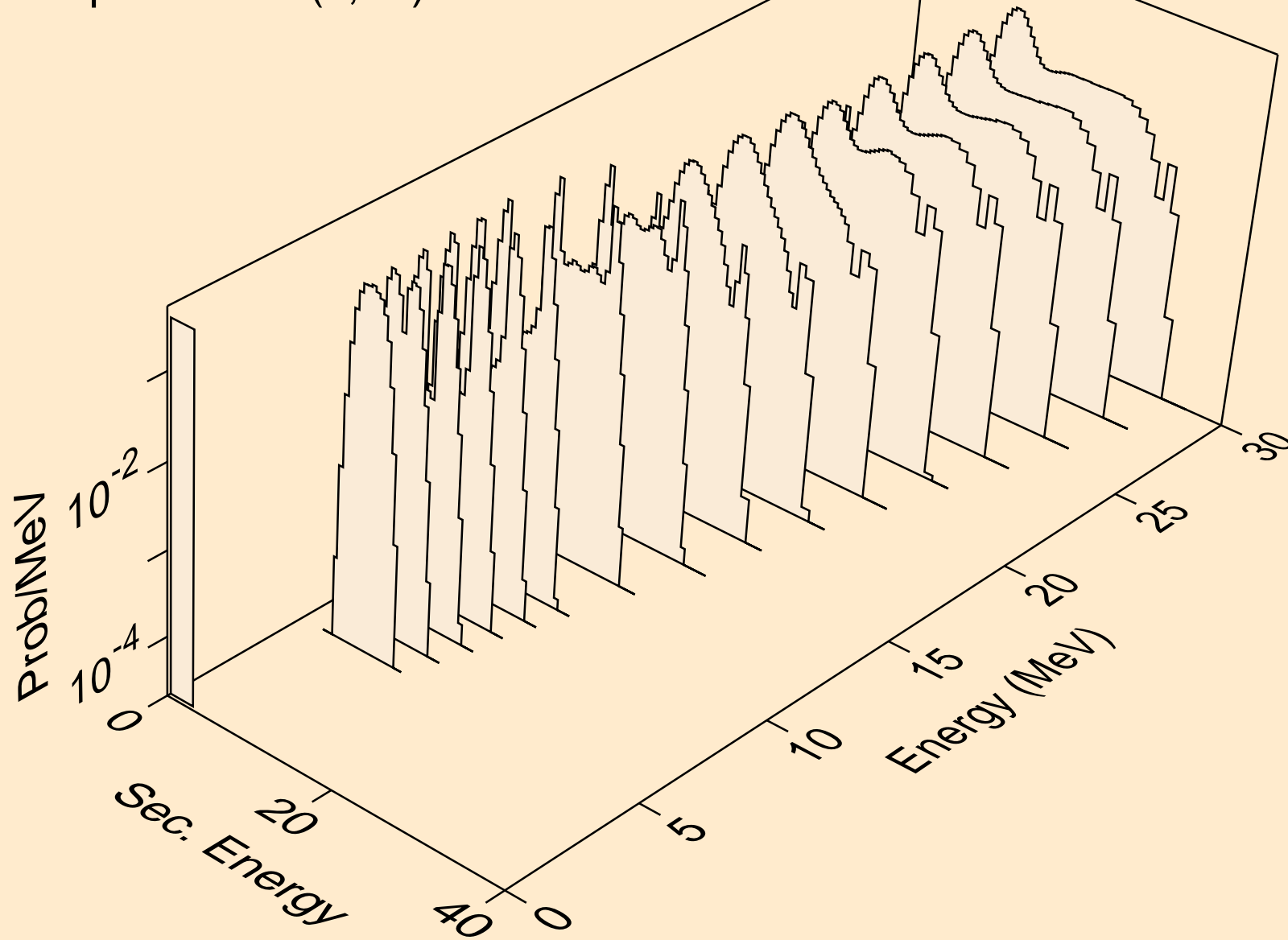


TC096 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,a)

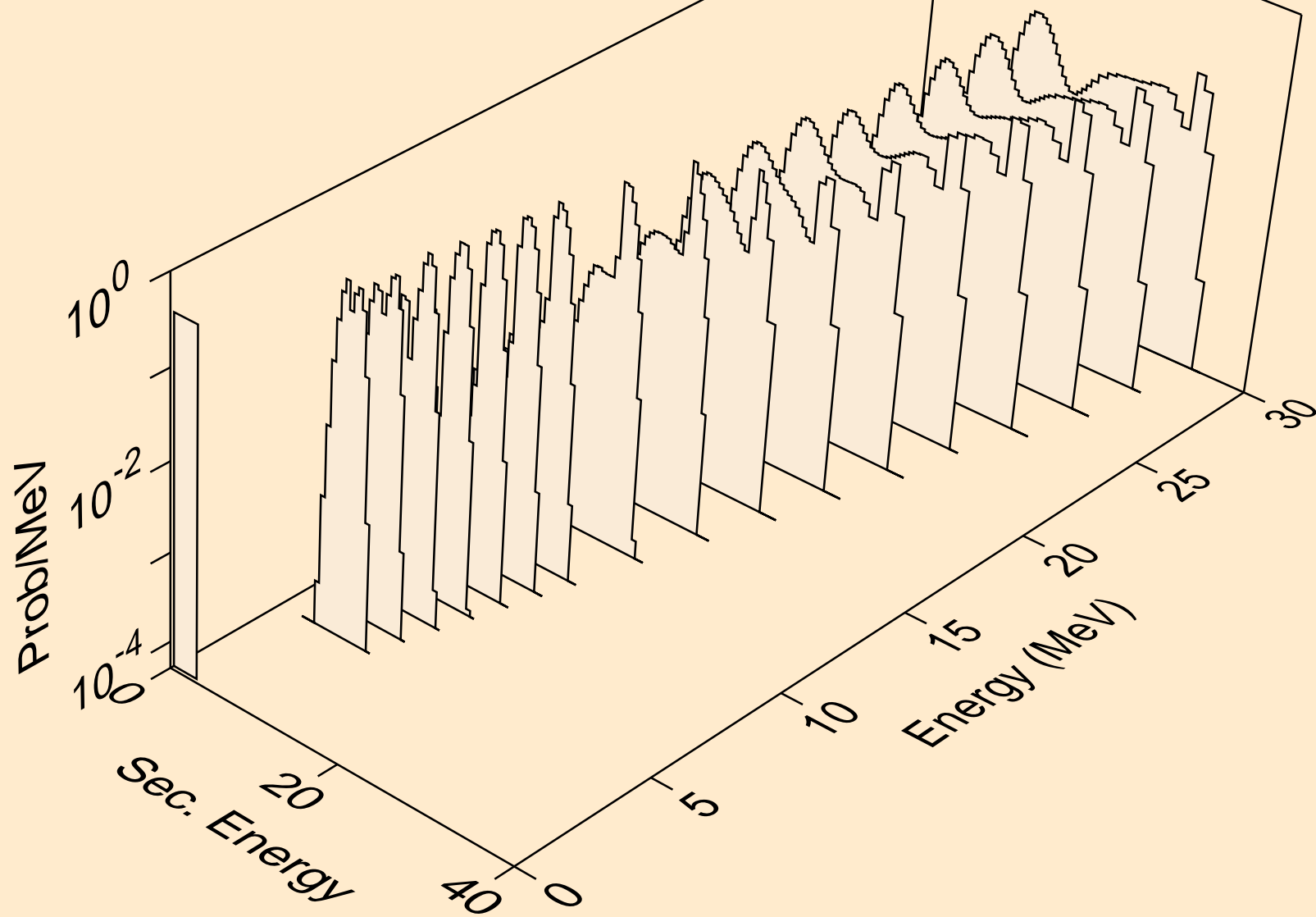




TC096 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2a)



TC096 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,pa)



TC096 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,da)

