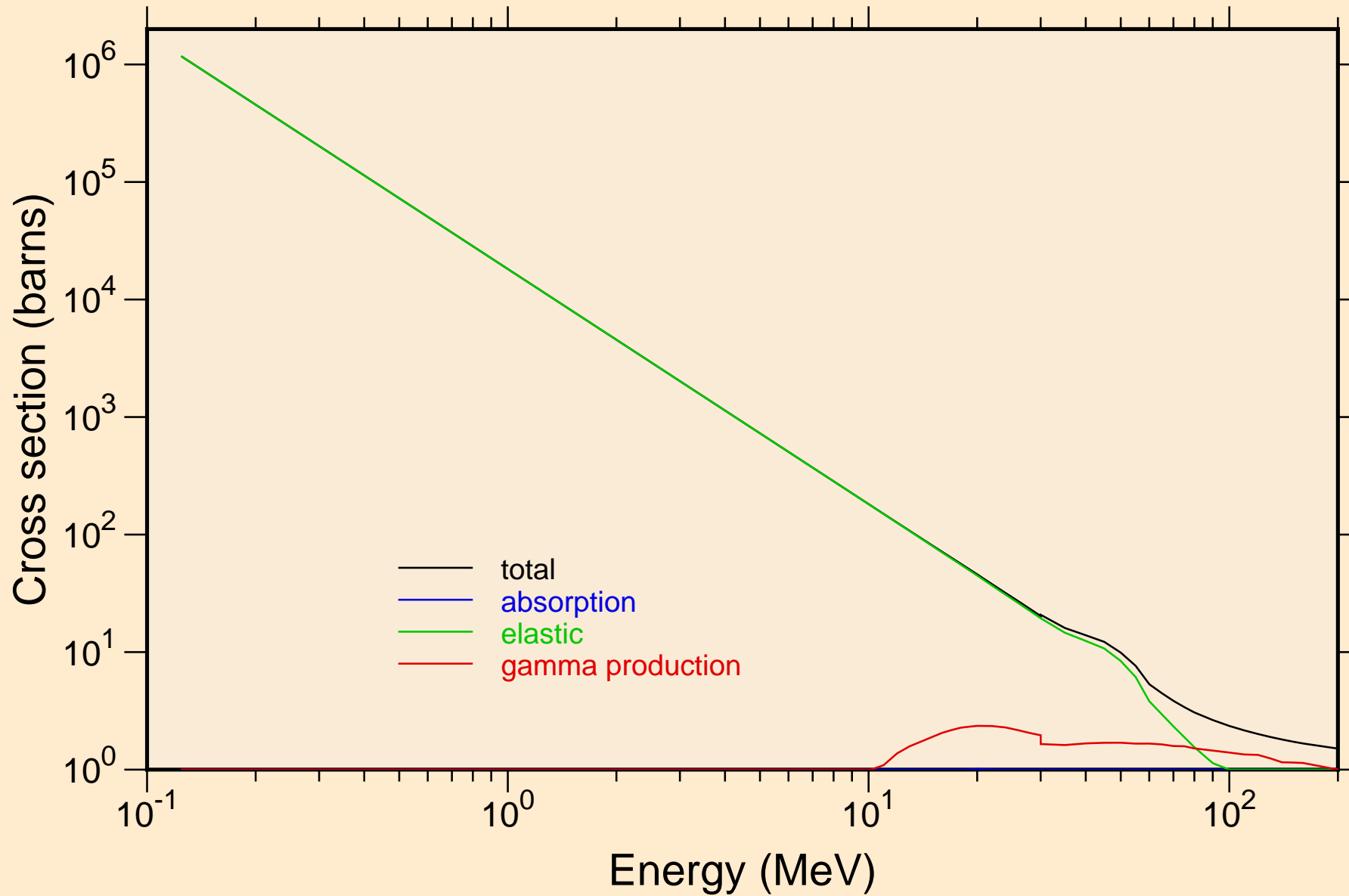
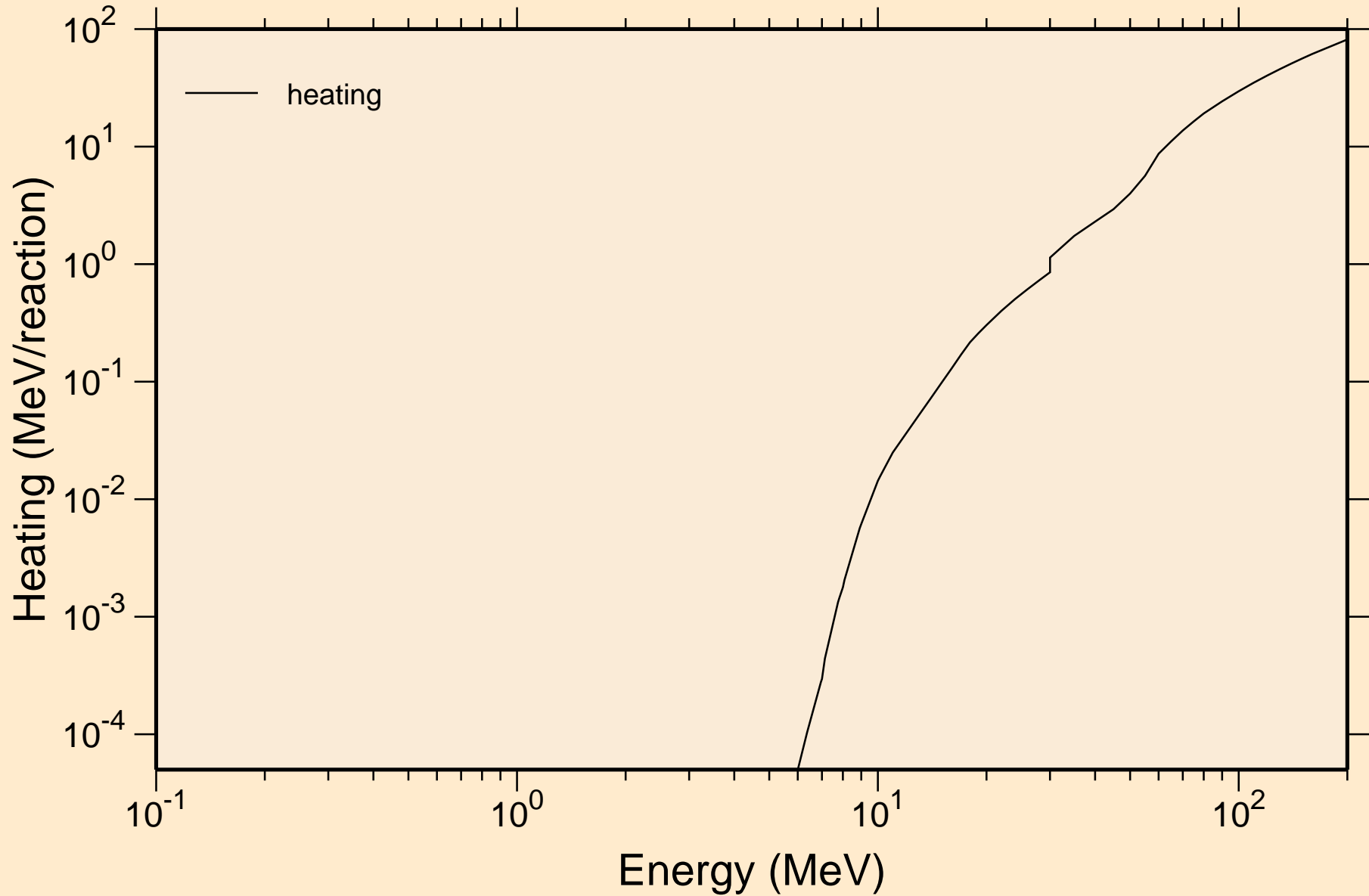


FE064 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



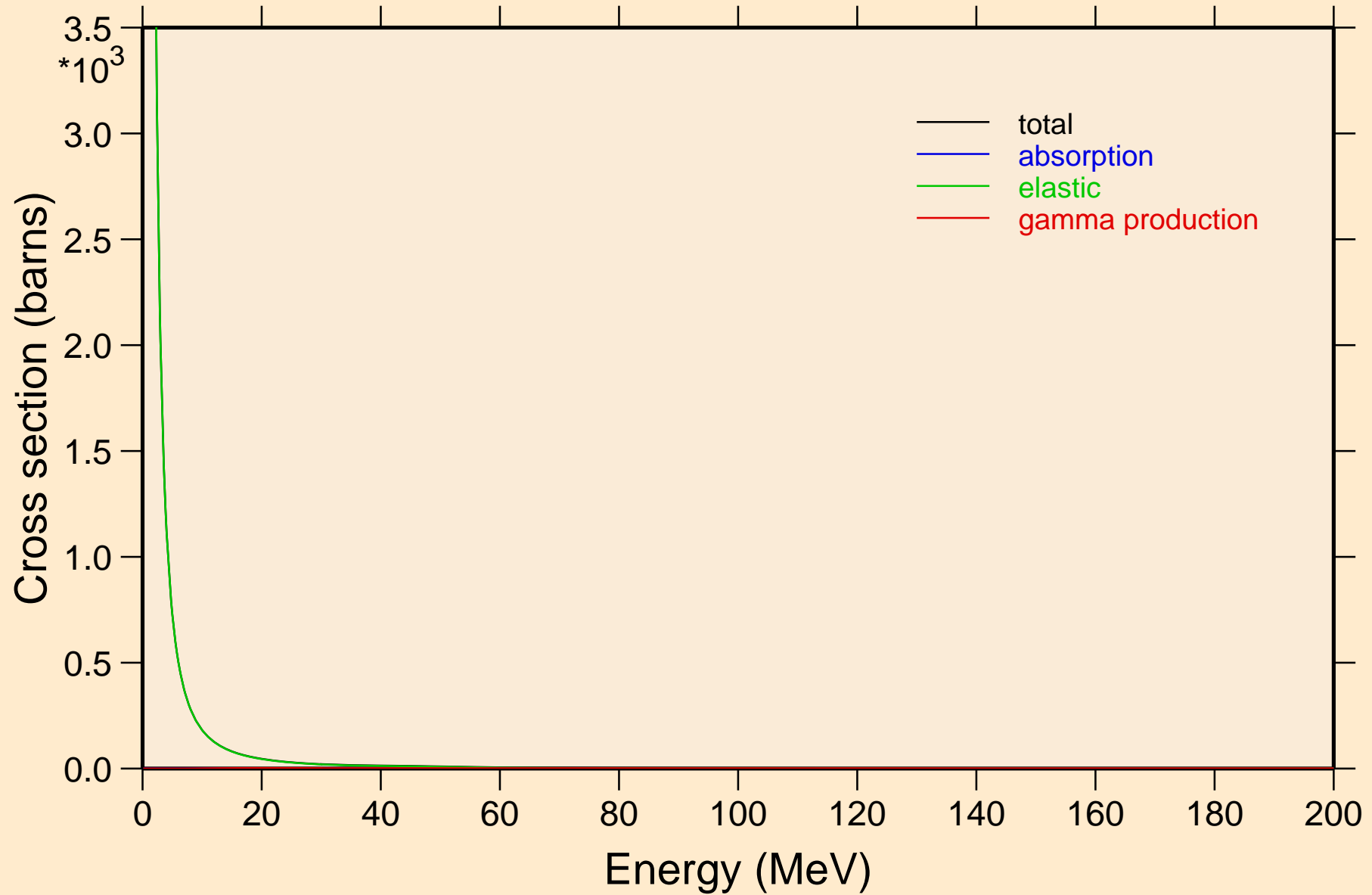
# FE064 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Heating



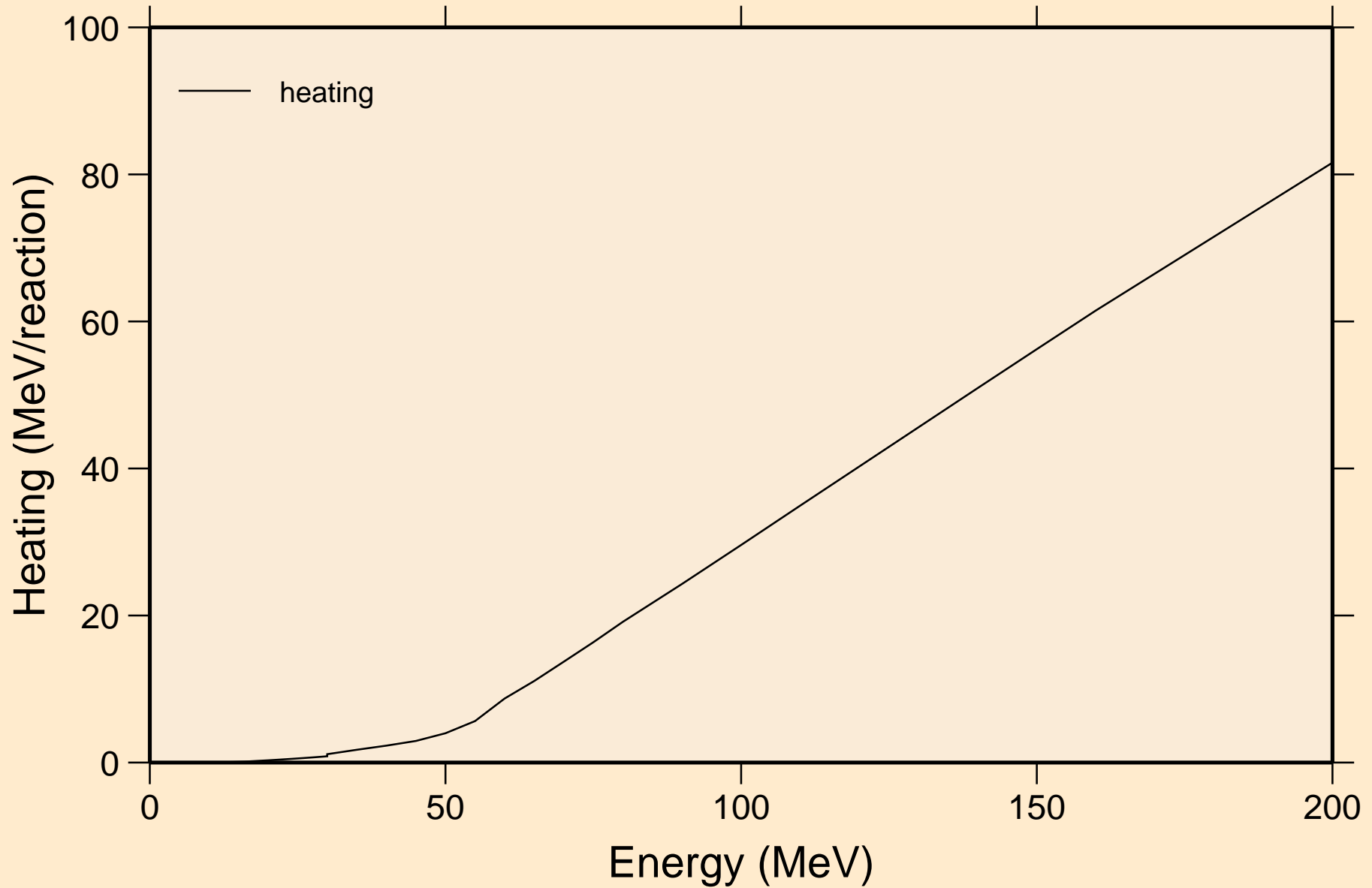
# FE064 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

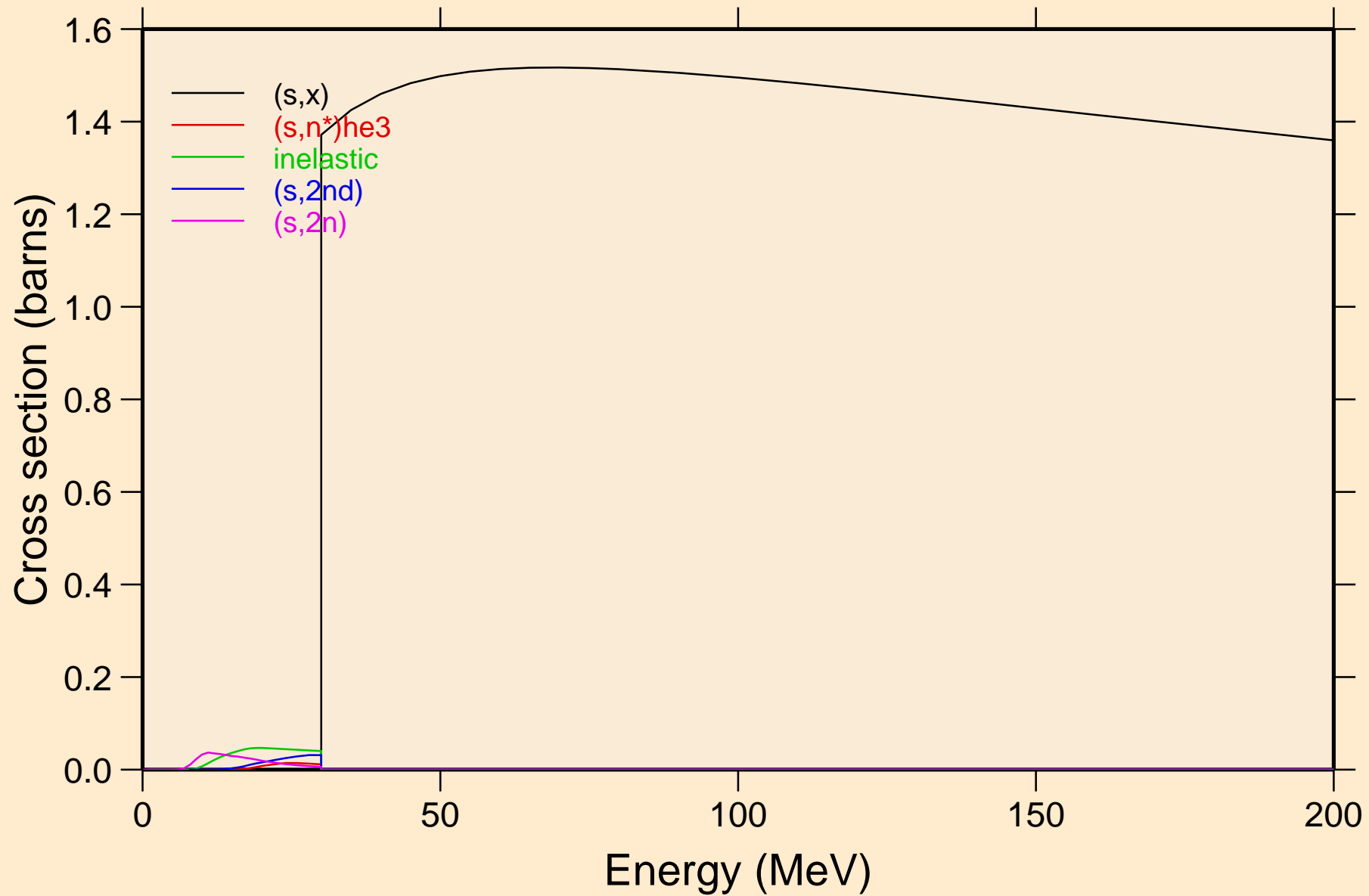


FE064 HELION ACER TENDL-2023 LIBRARY; T=0.K

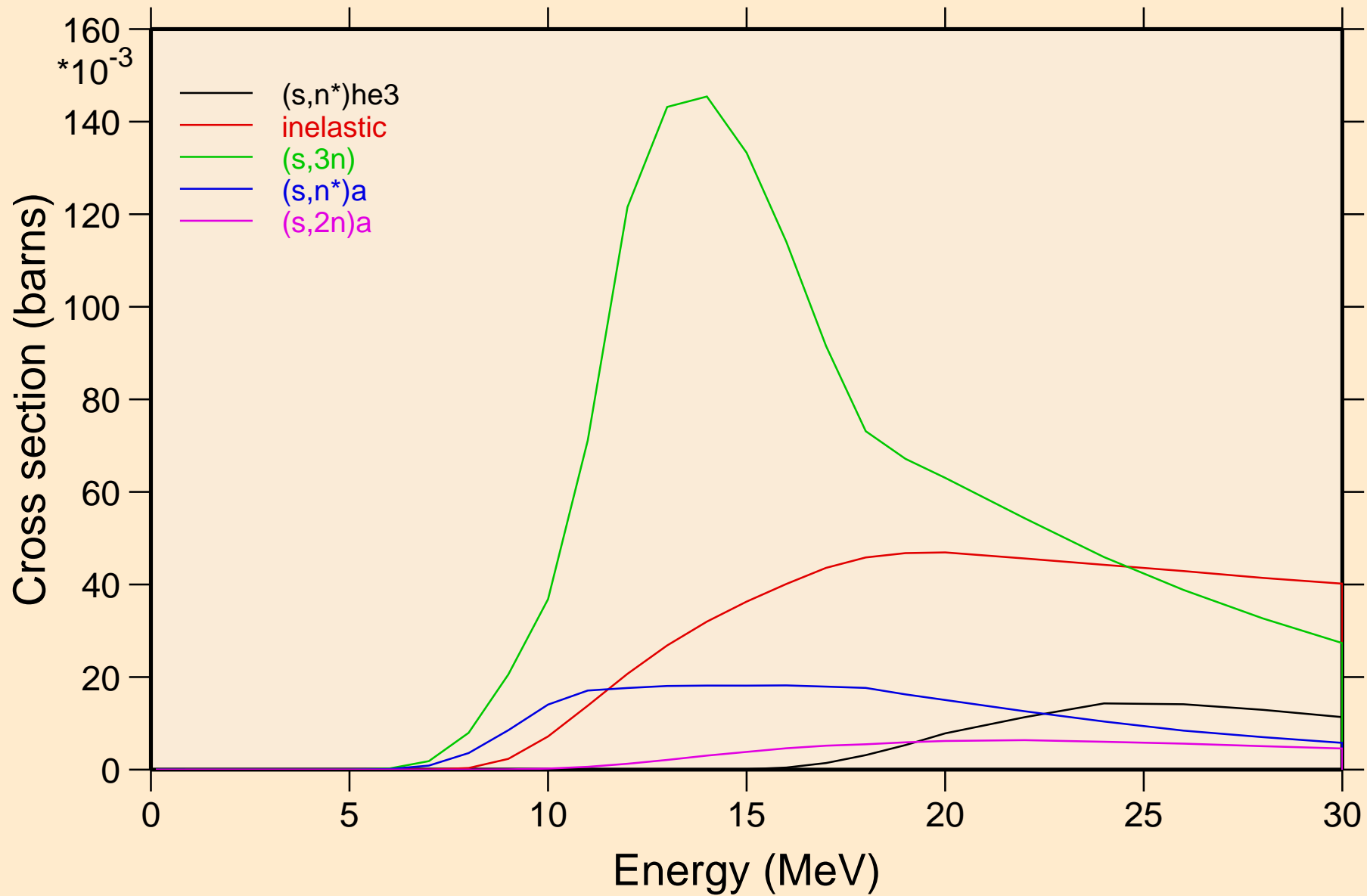
Heating



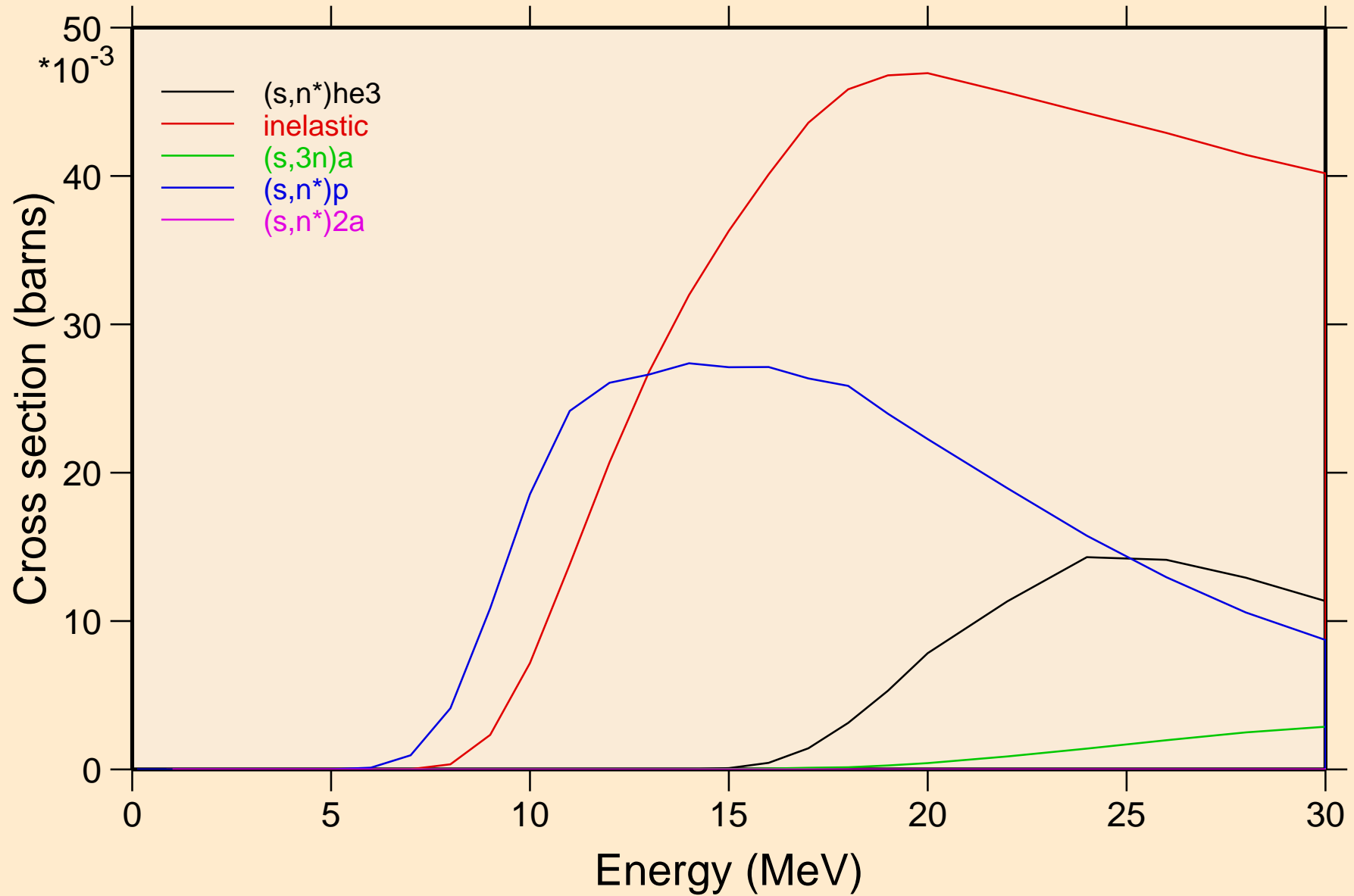
FE064 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



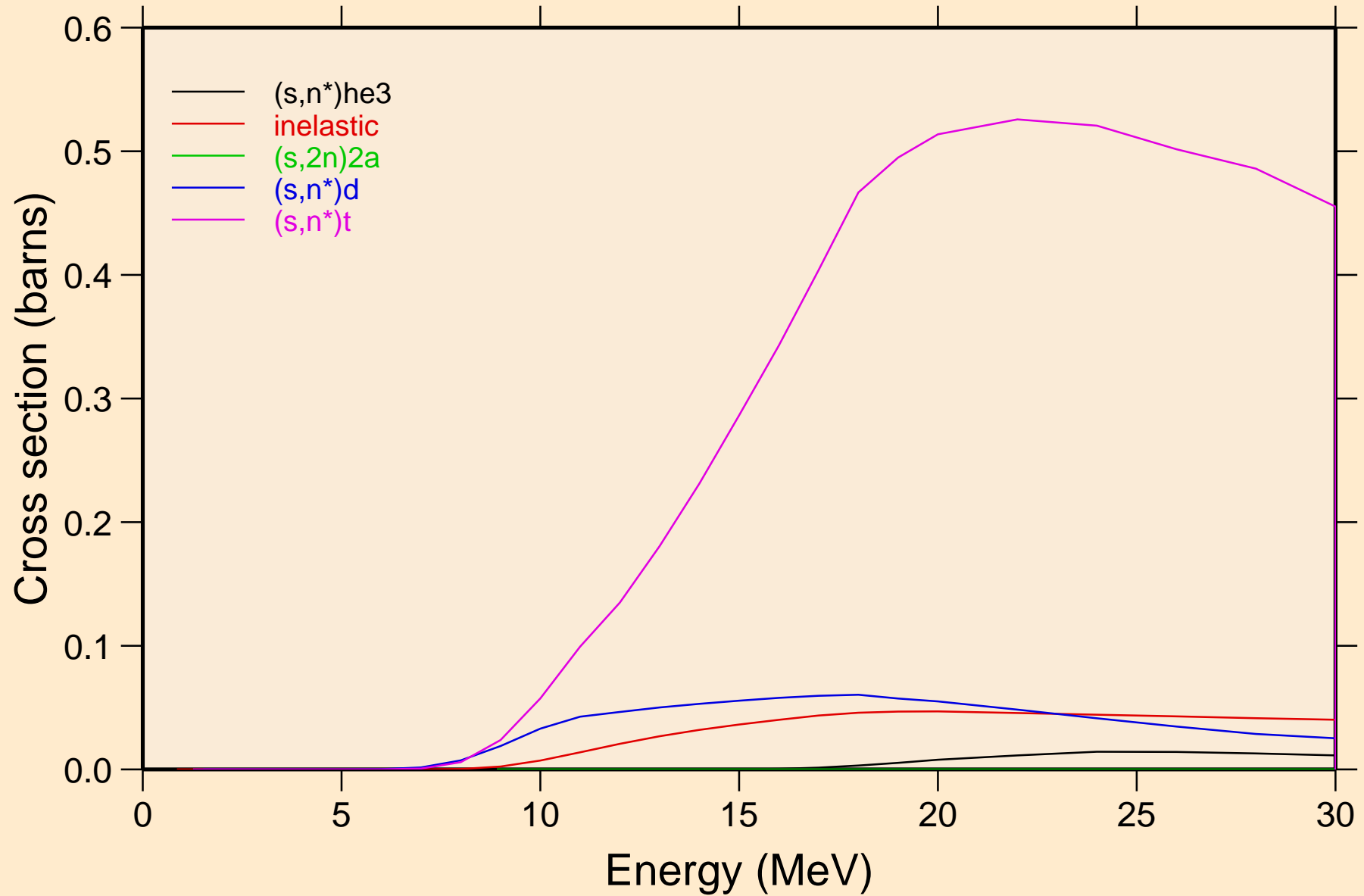
FE064 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



FE064 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

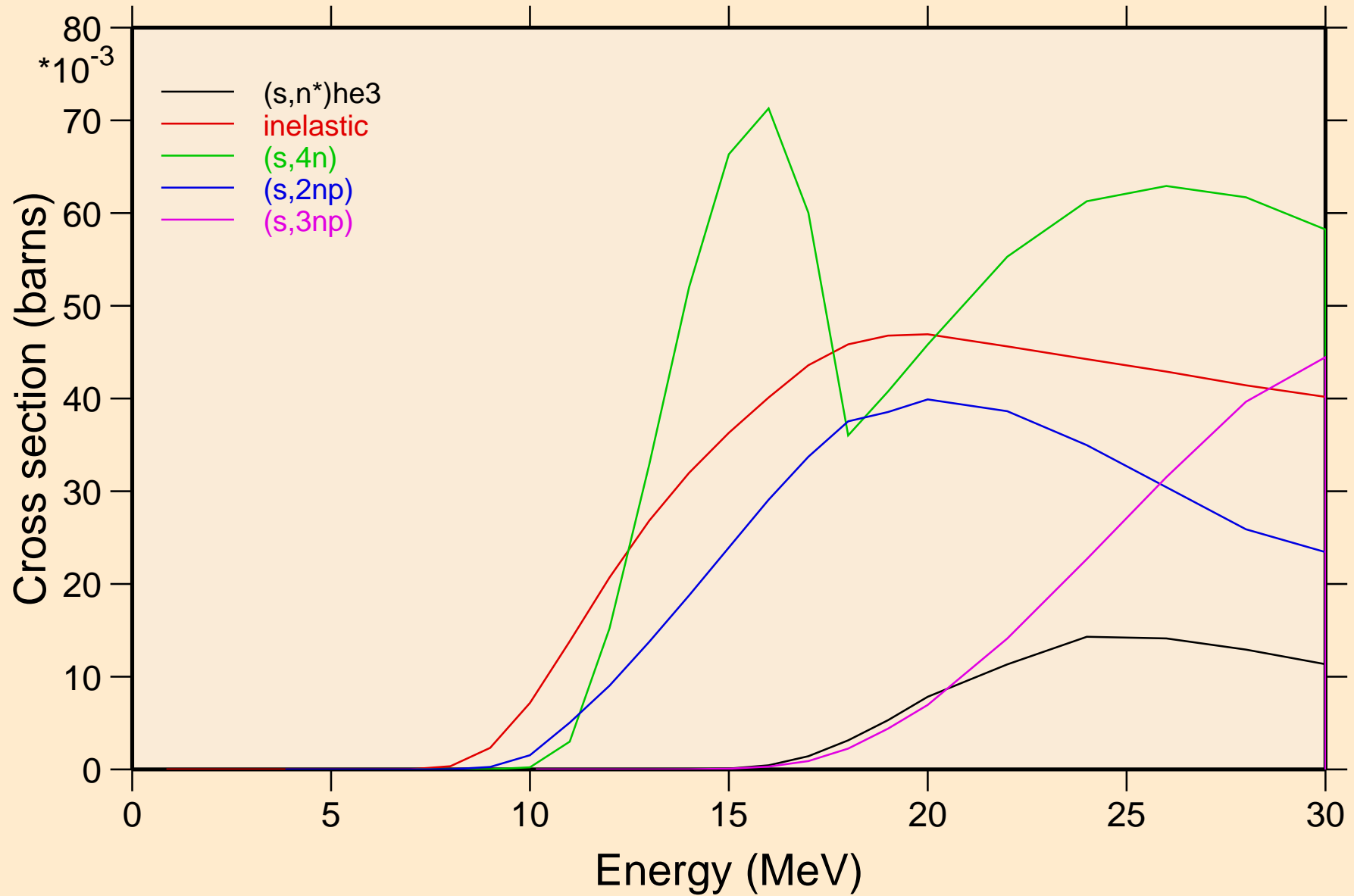


FE064 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

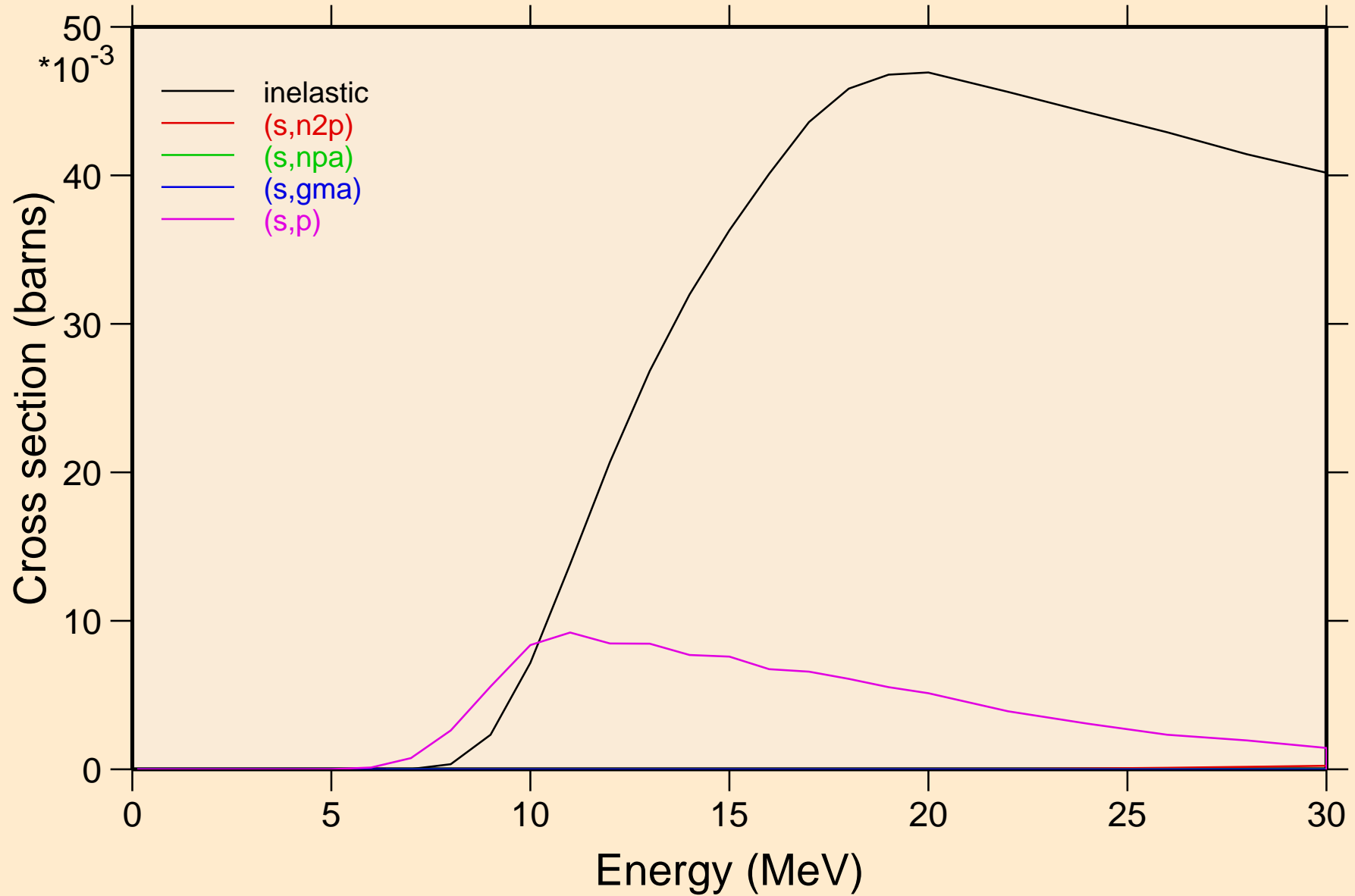




FE064 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

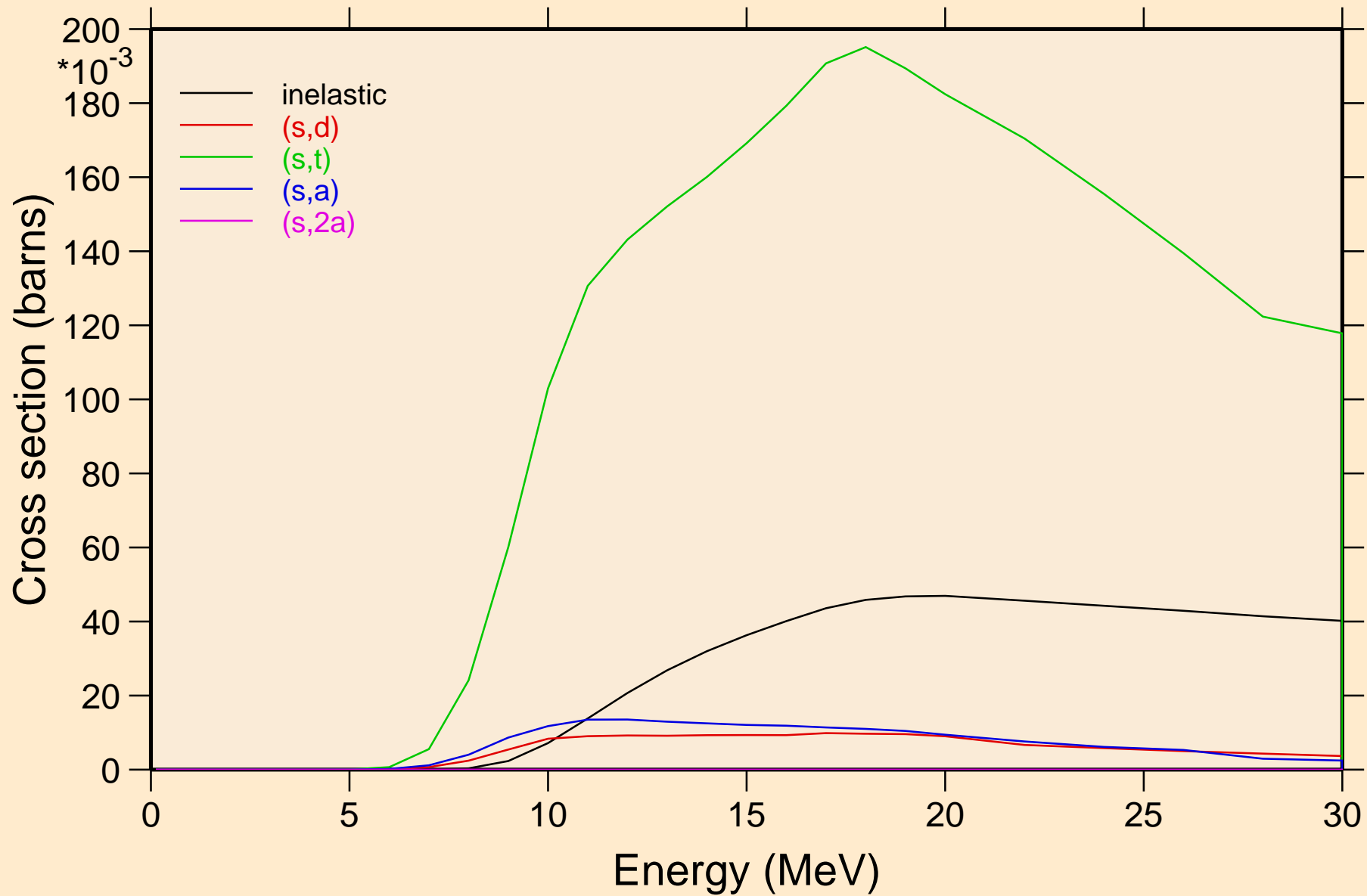


FE064 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

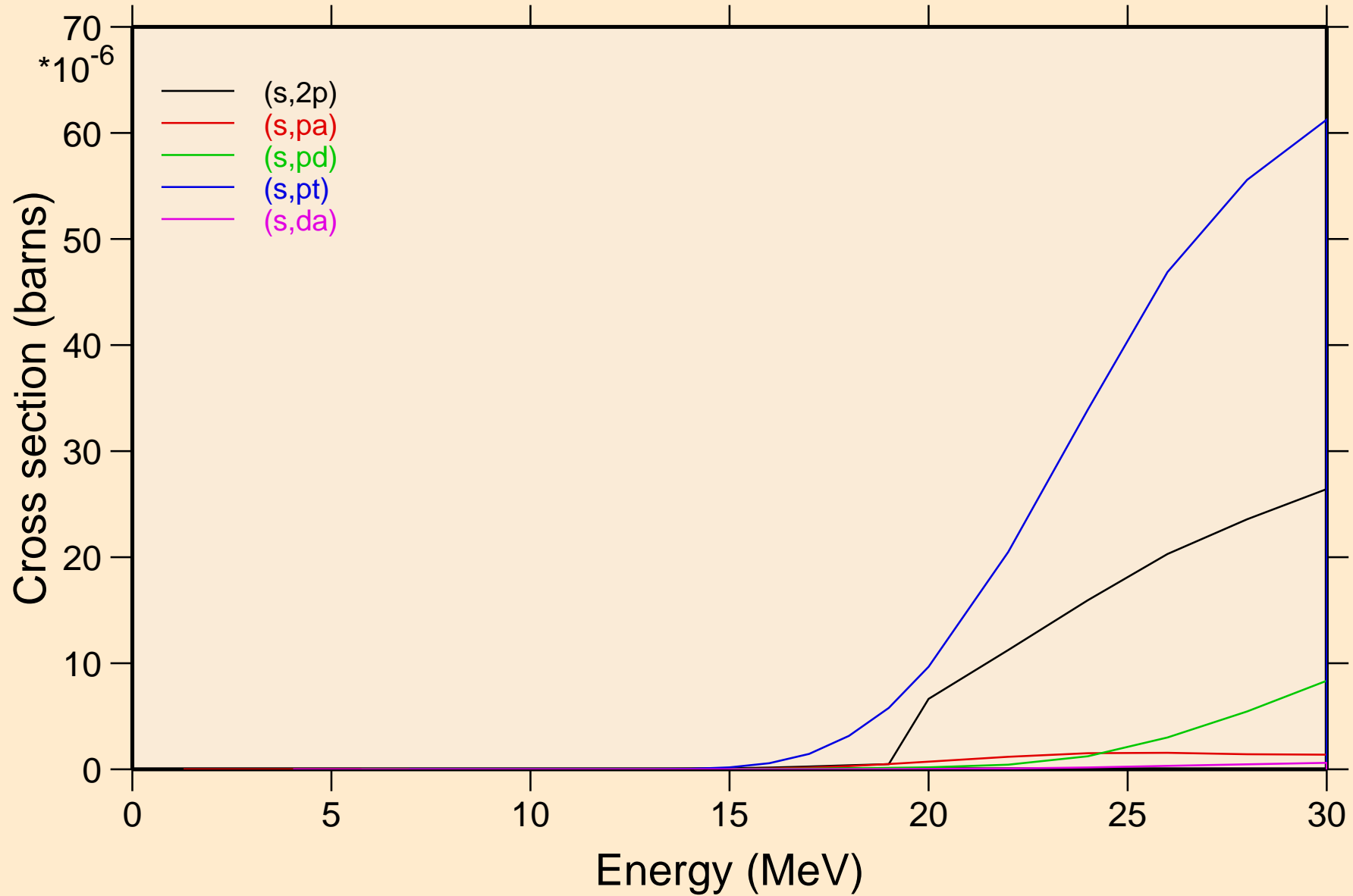


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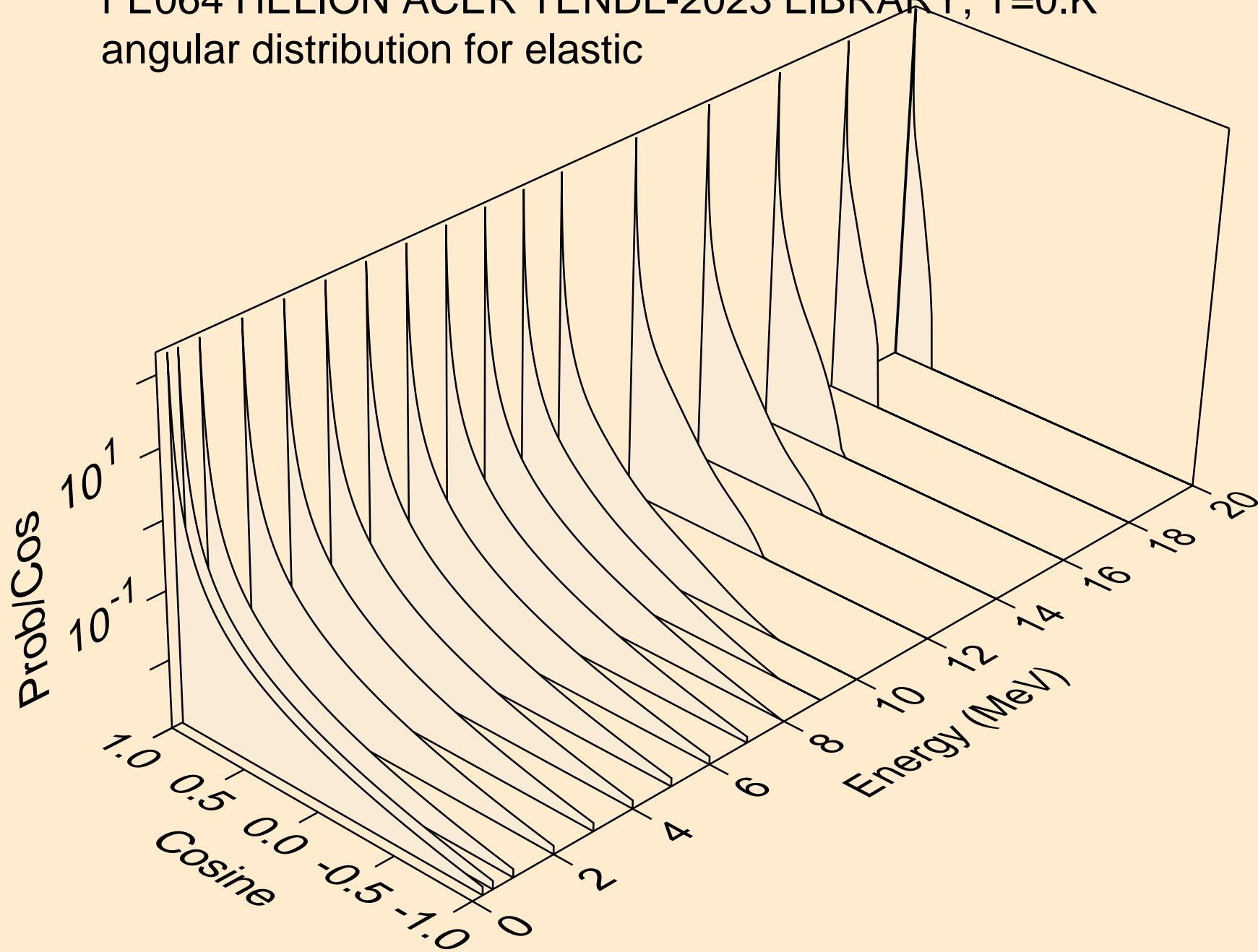
## Threshold reactions



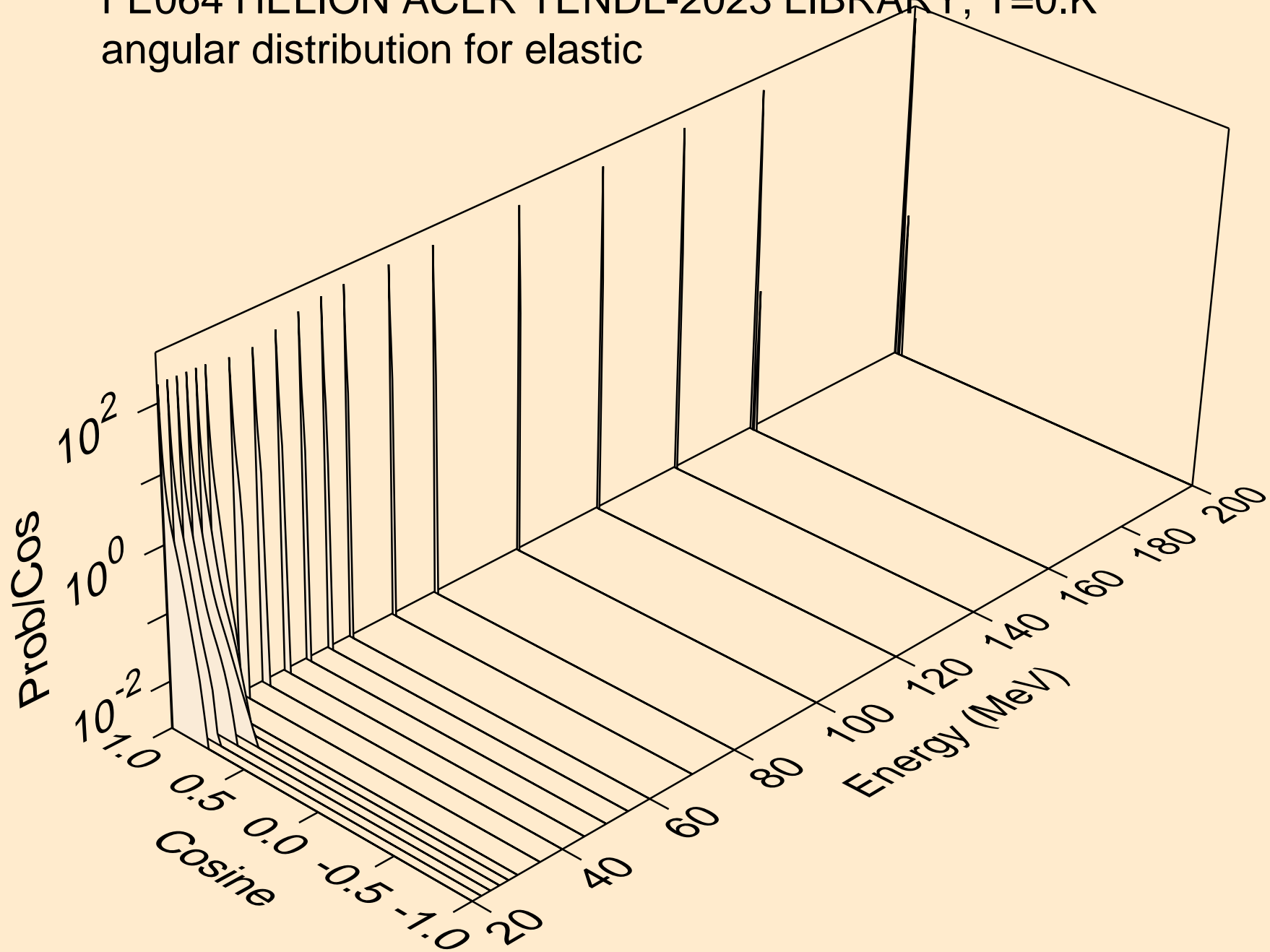
FE064 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



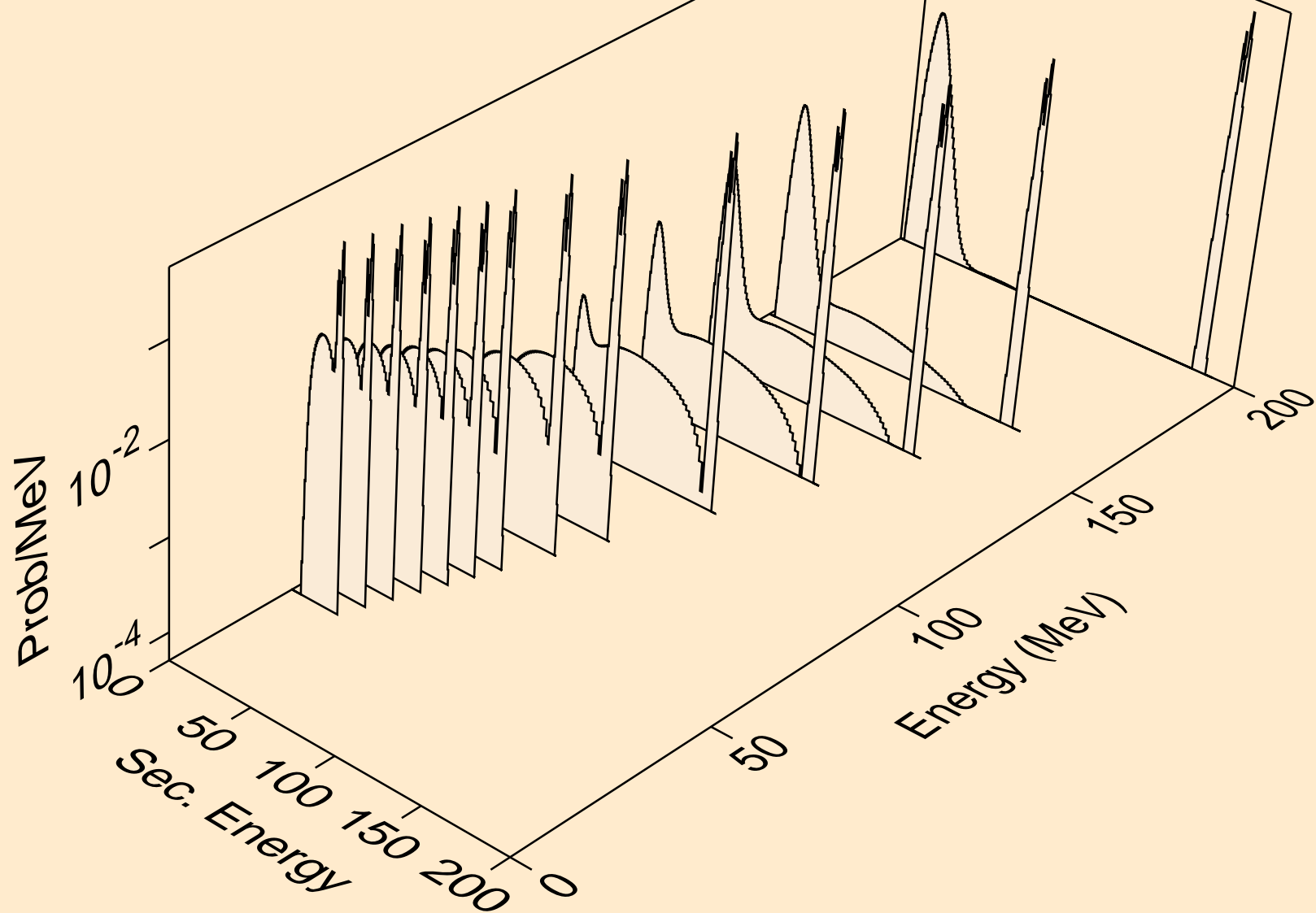
FE064 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



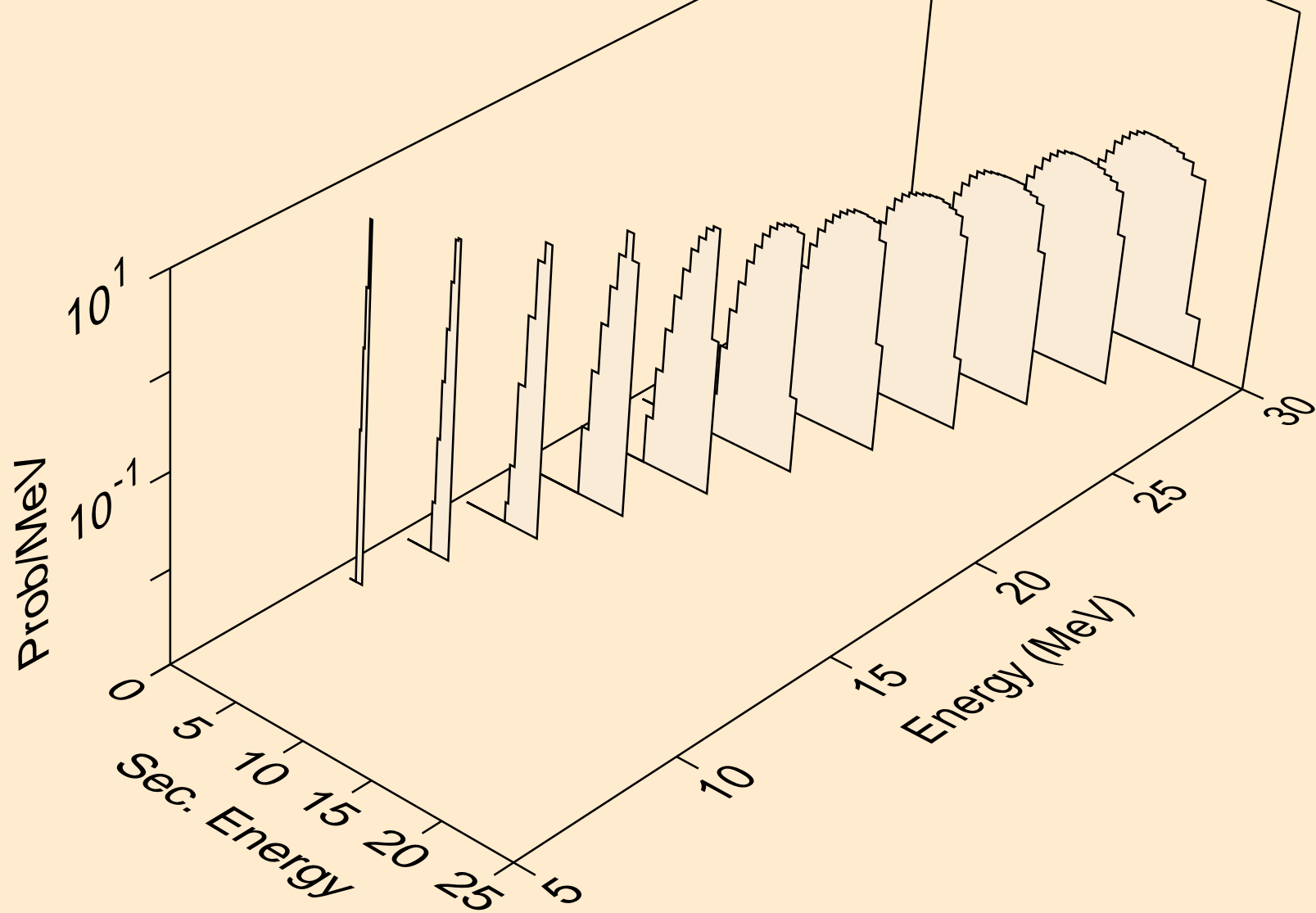
FE064 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



FE064 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,x)

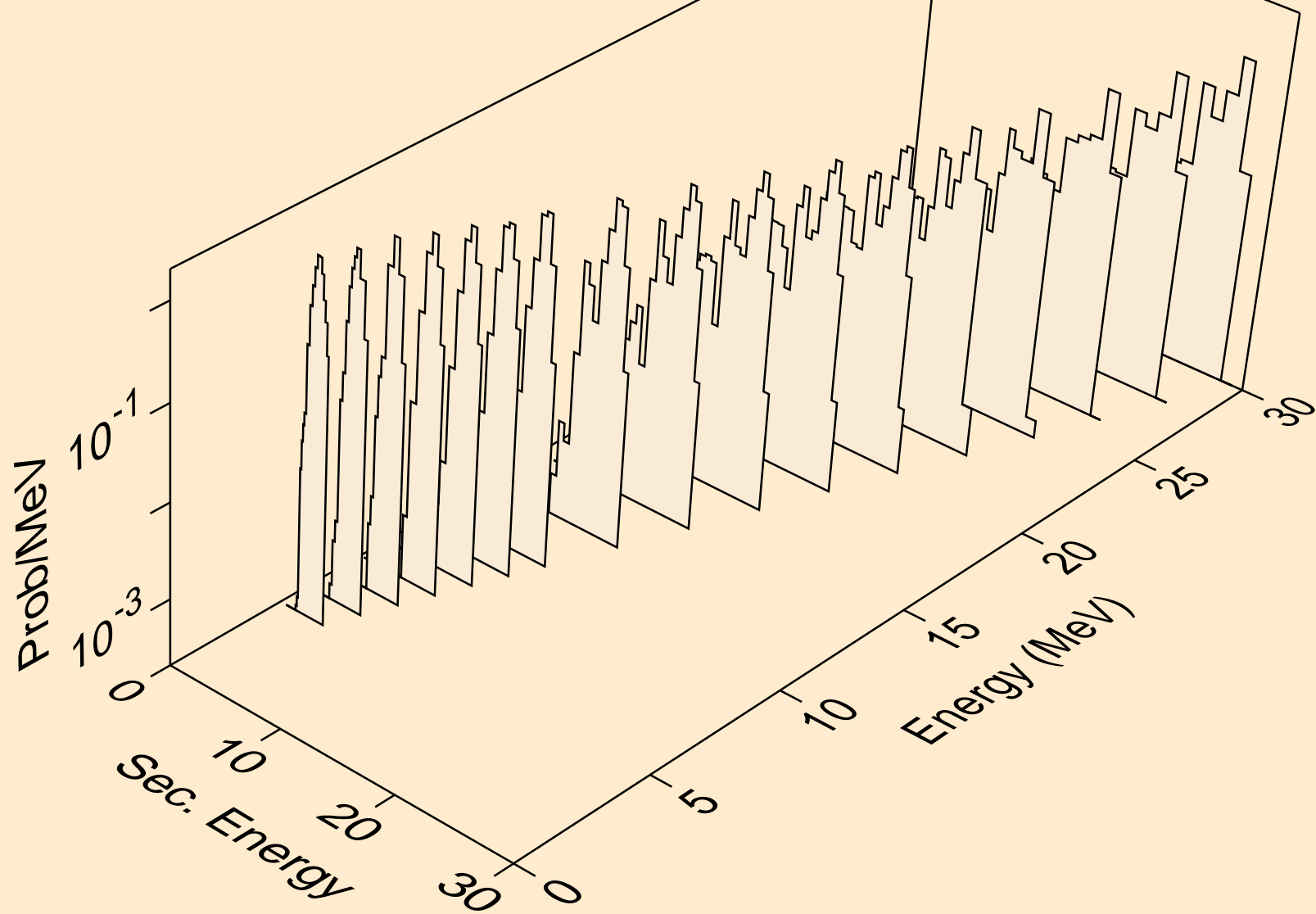


FE064 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

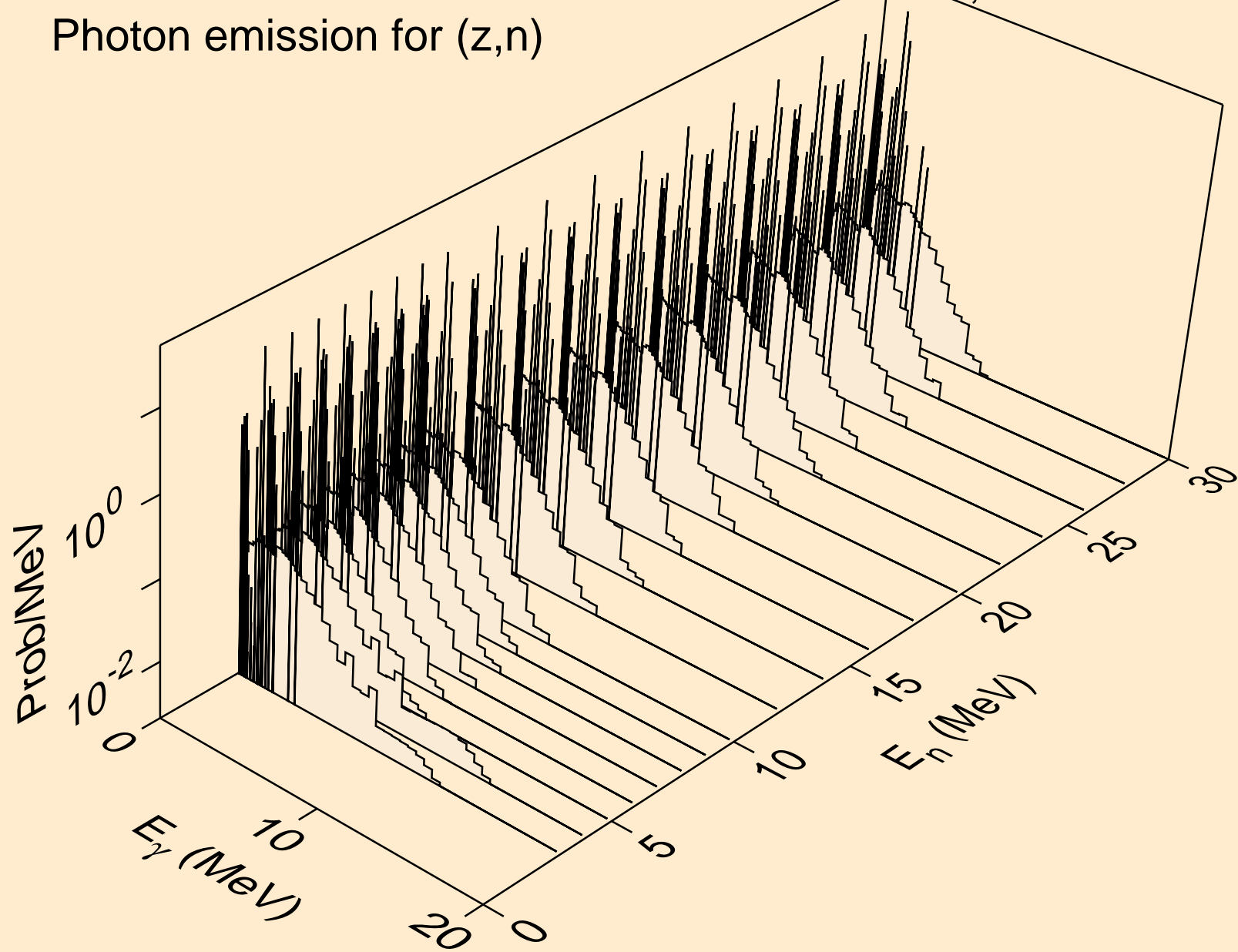




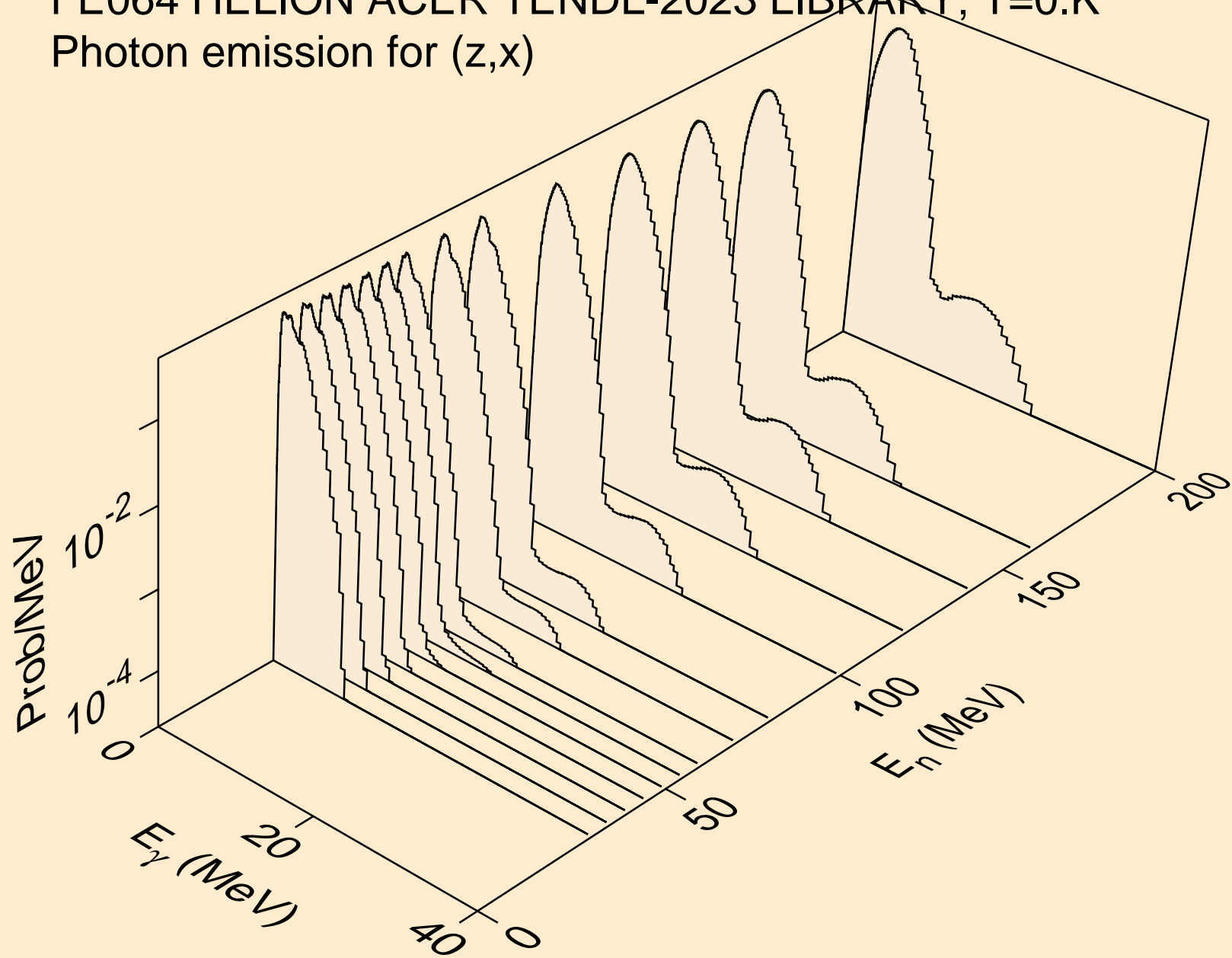
FE064 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for inelastic



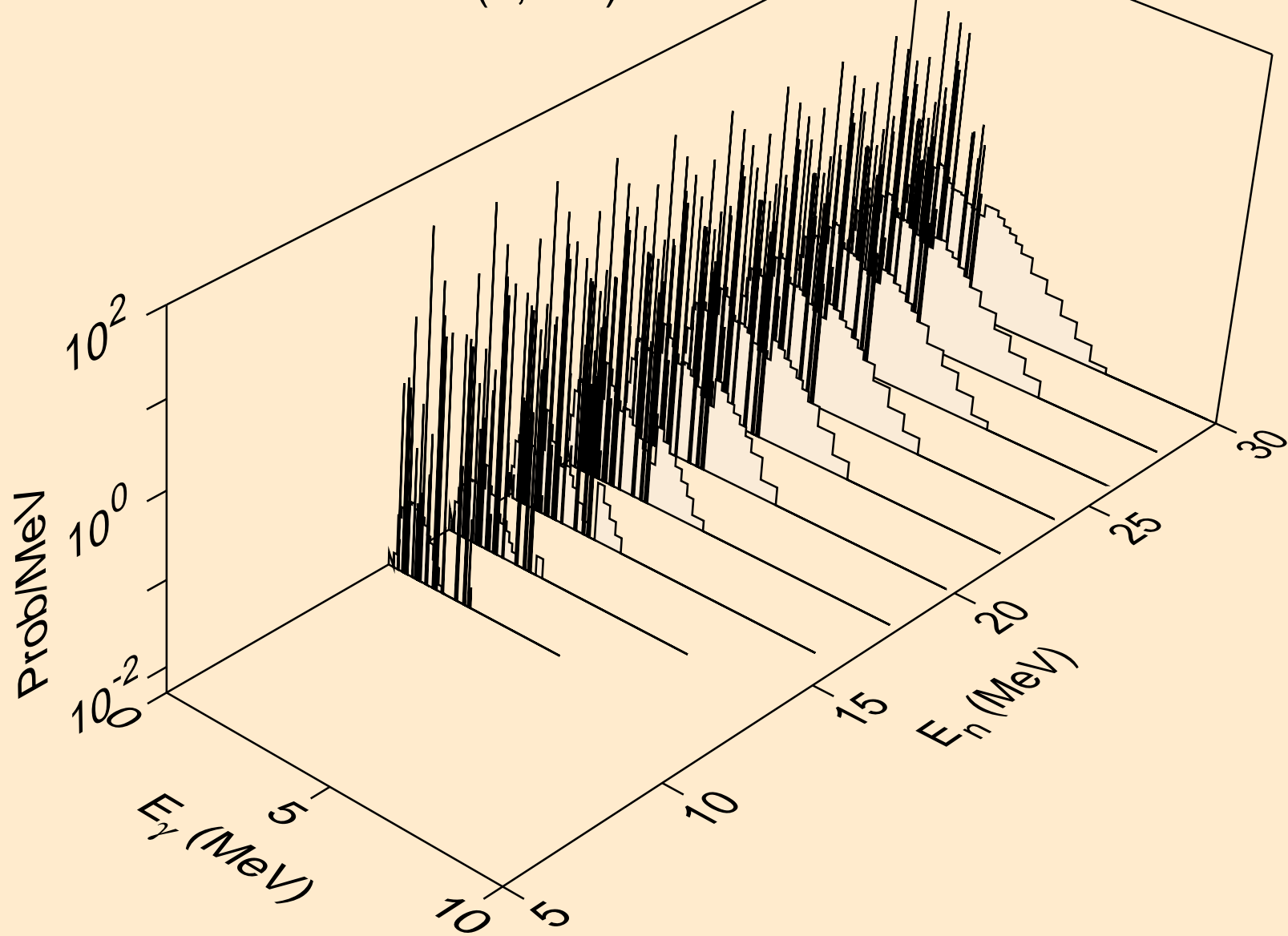
FE064 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



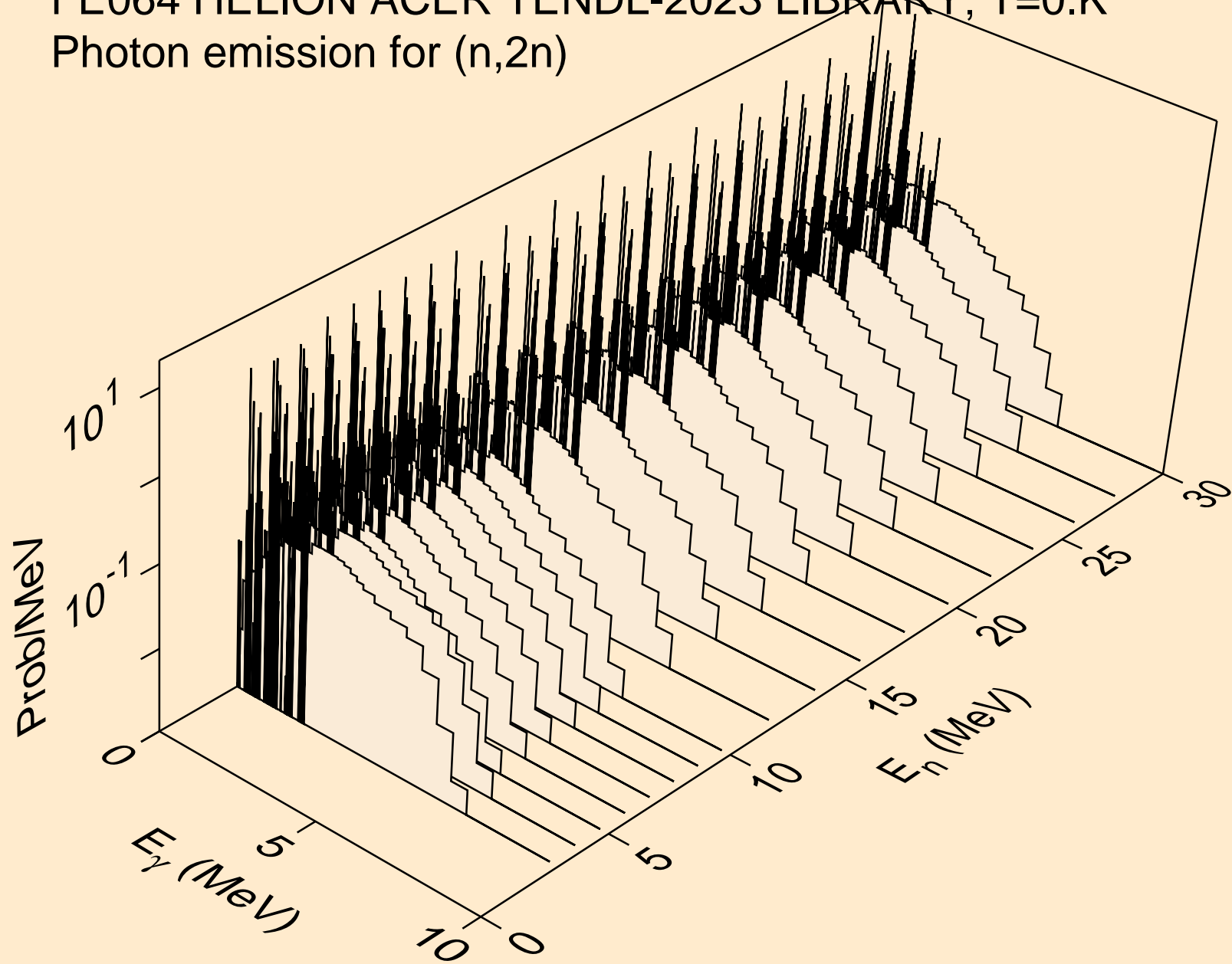
FE064 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



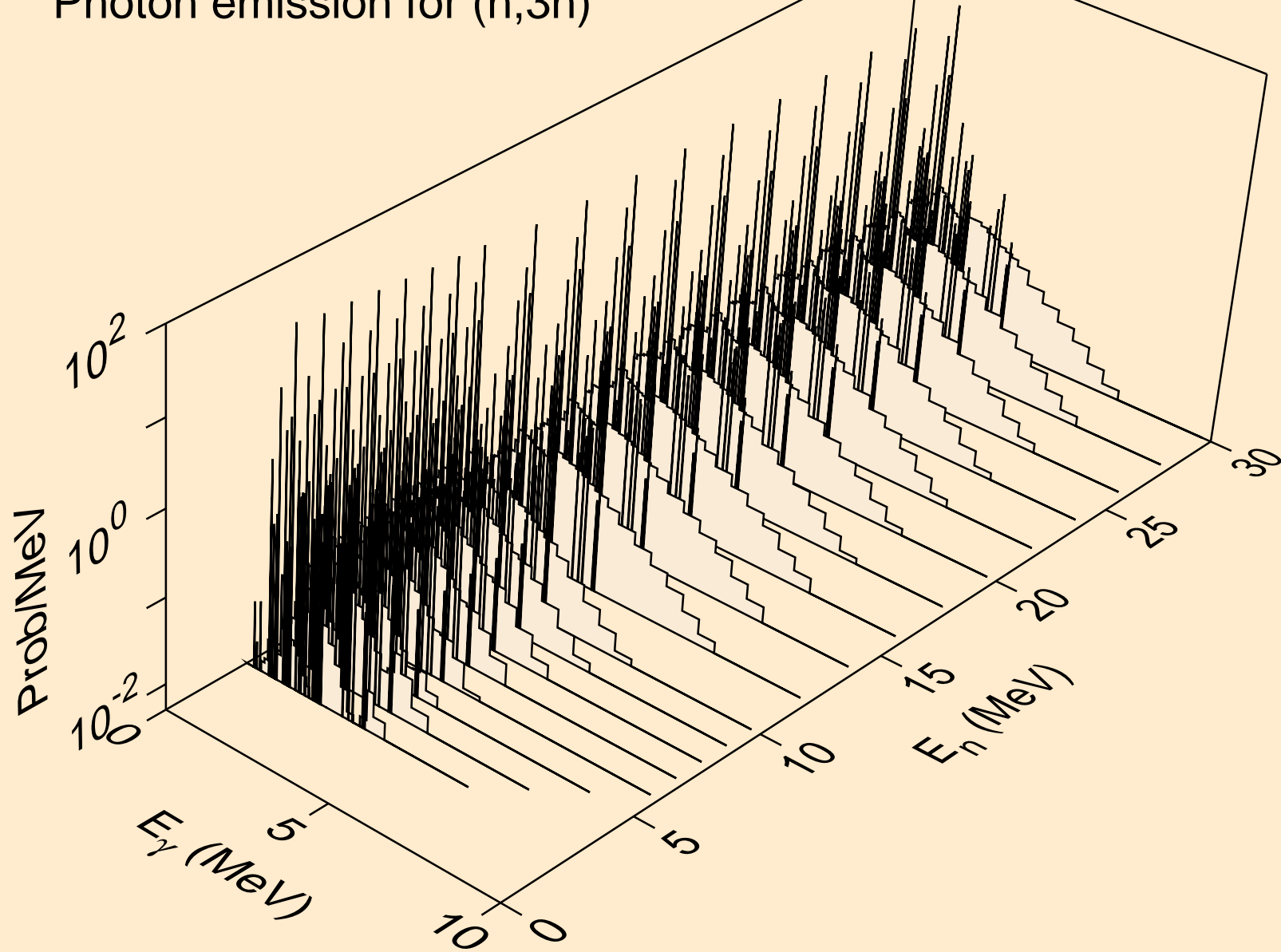
FE064 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



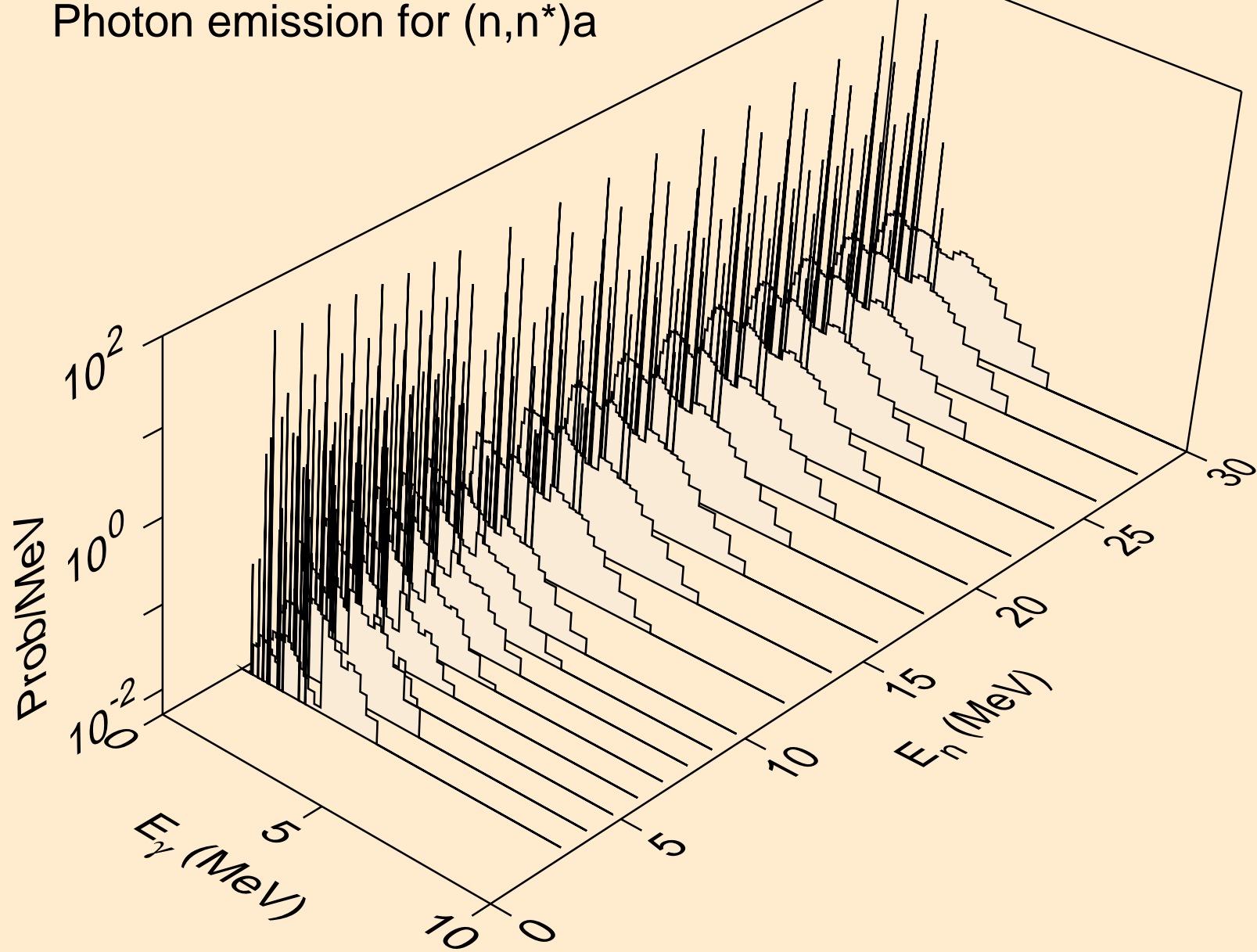
FE064 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



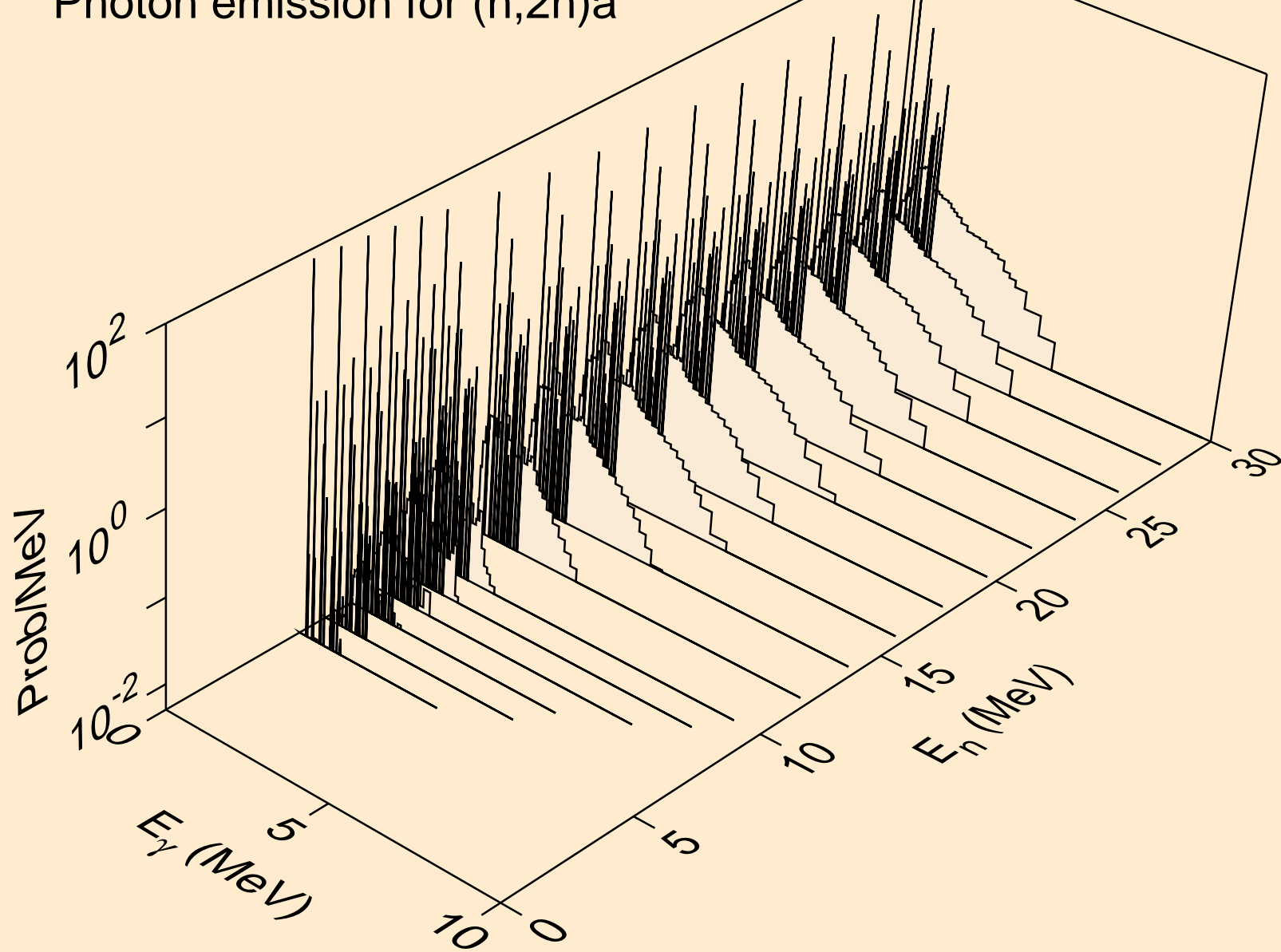
FE064 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



FE064 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

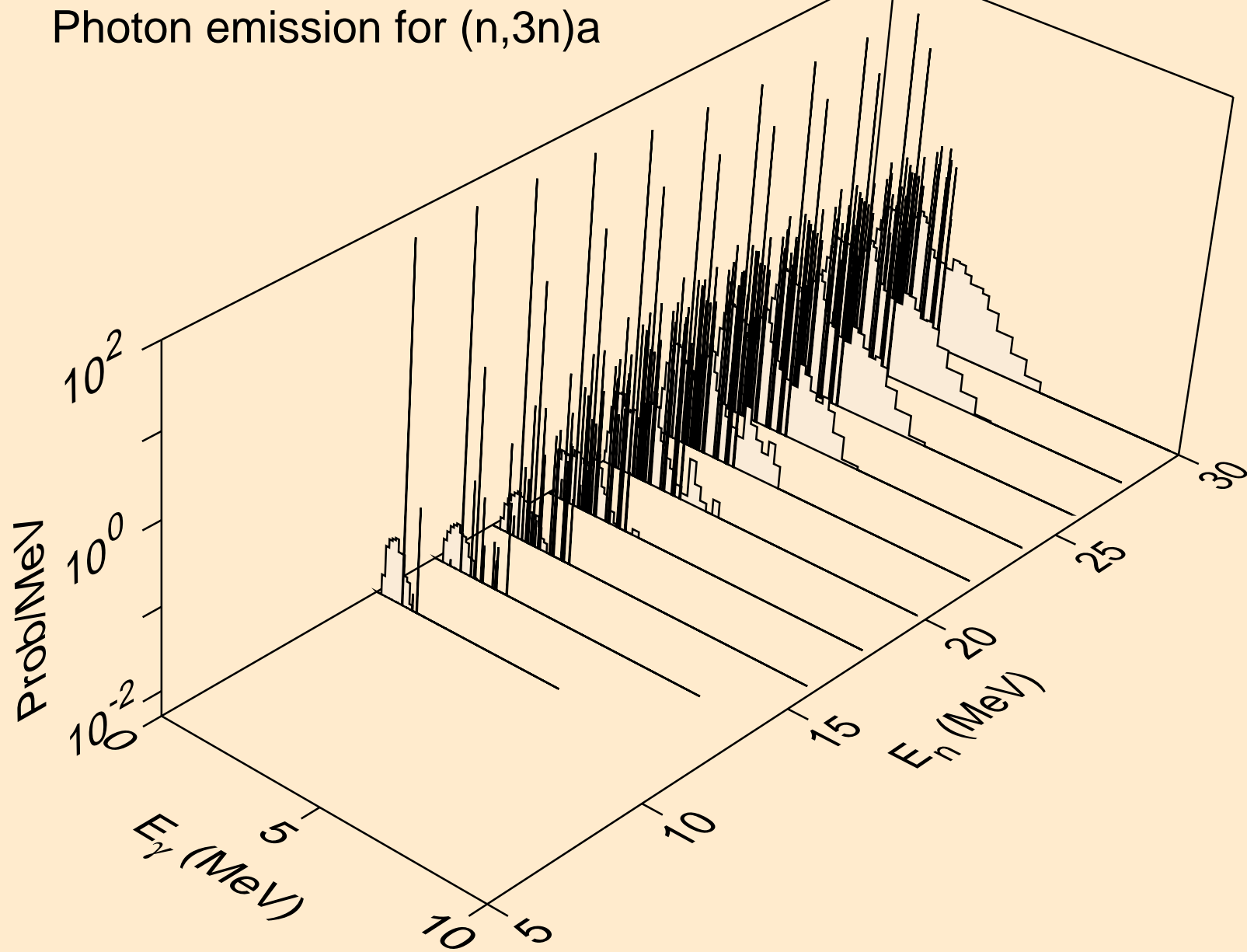


FE064 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

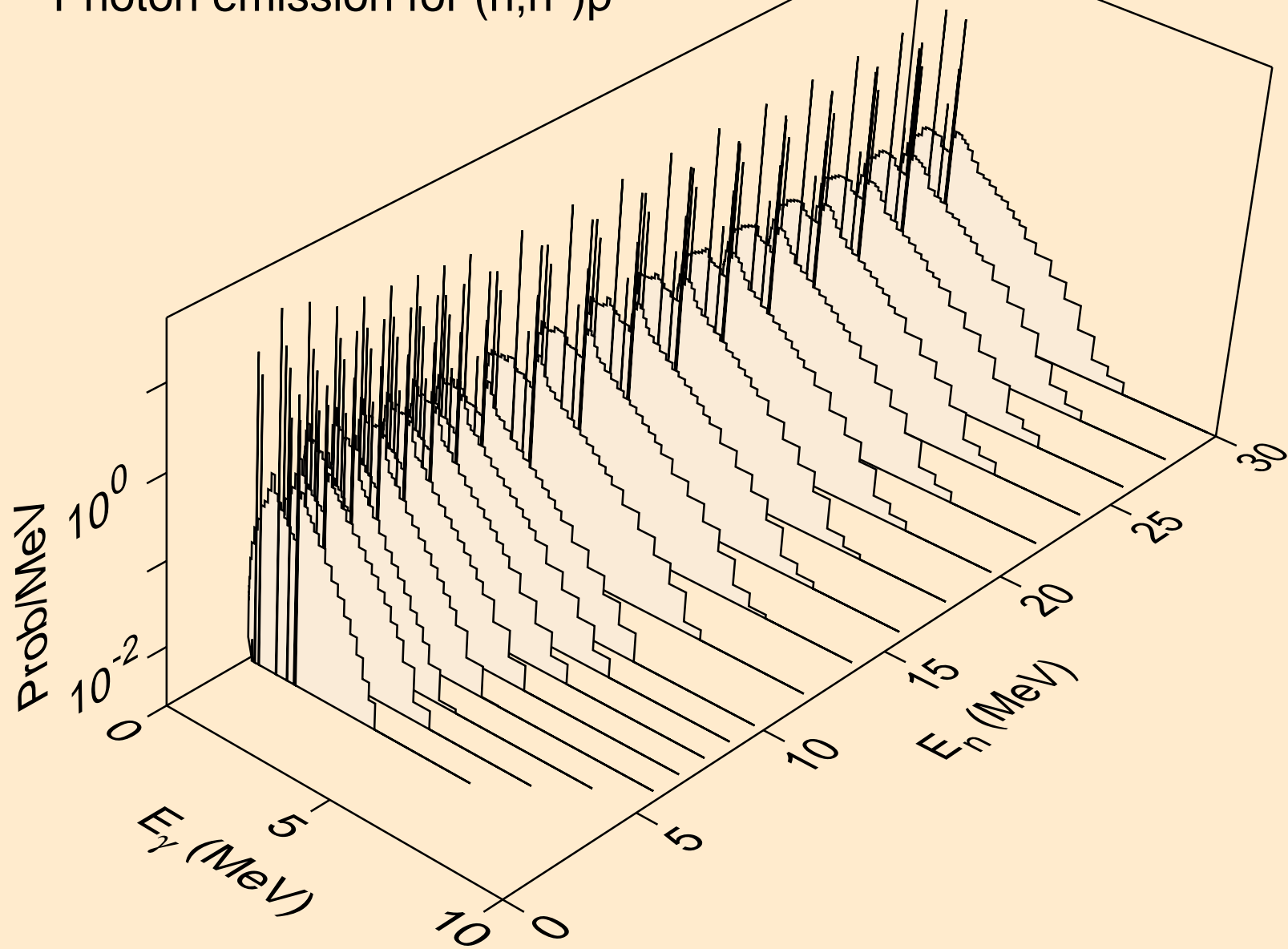




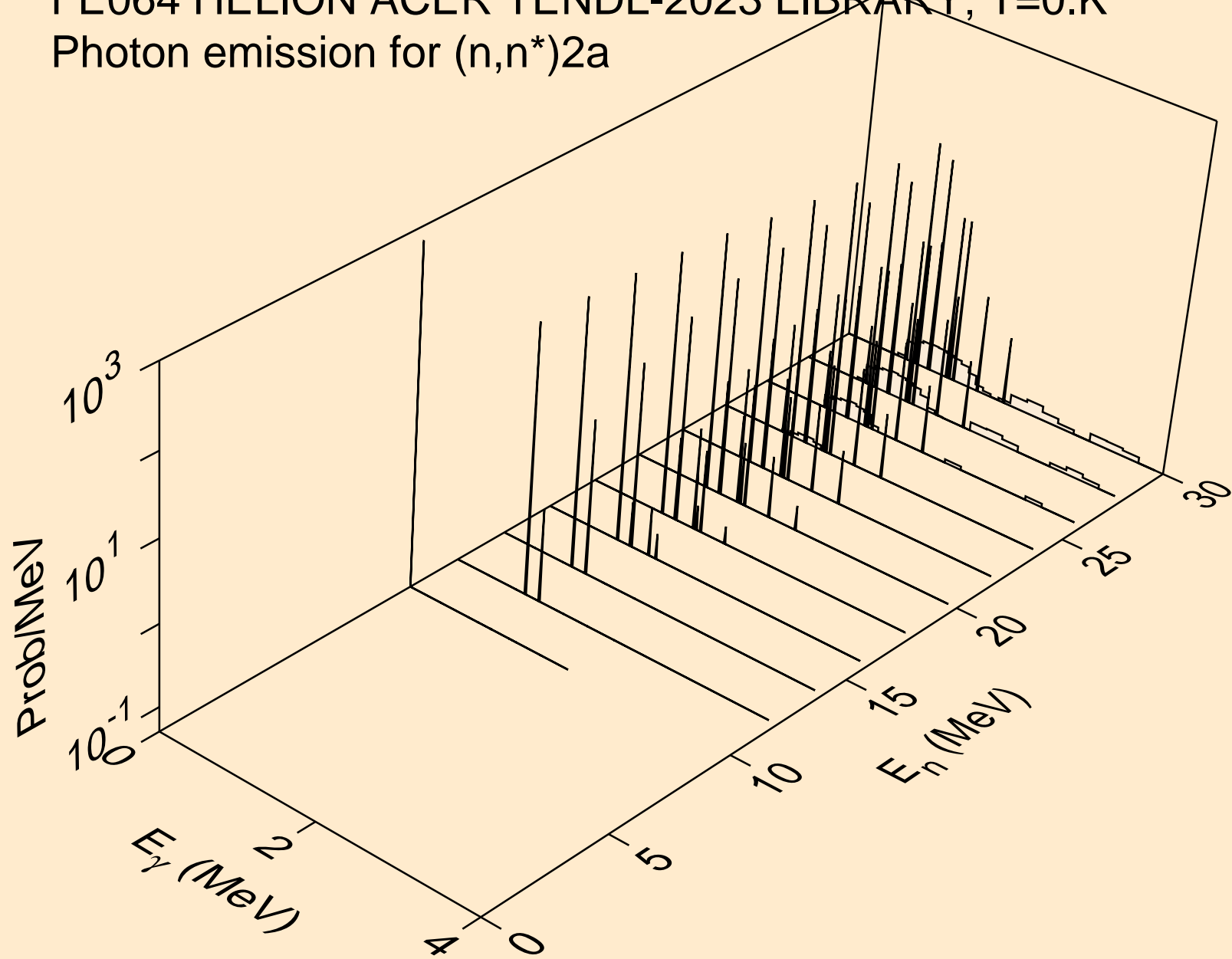
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Photon emission for (n,3n)a



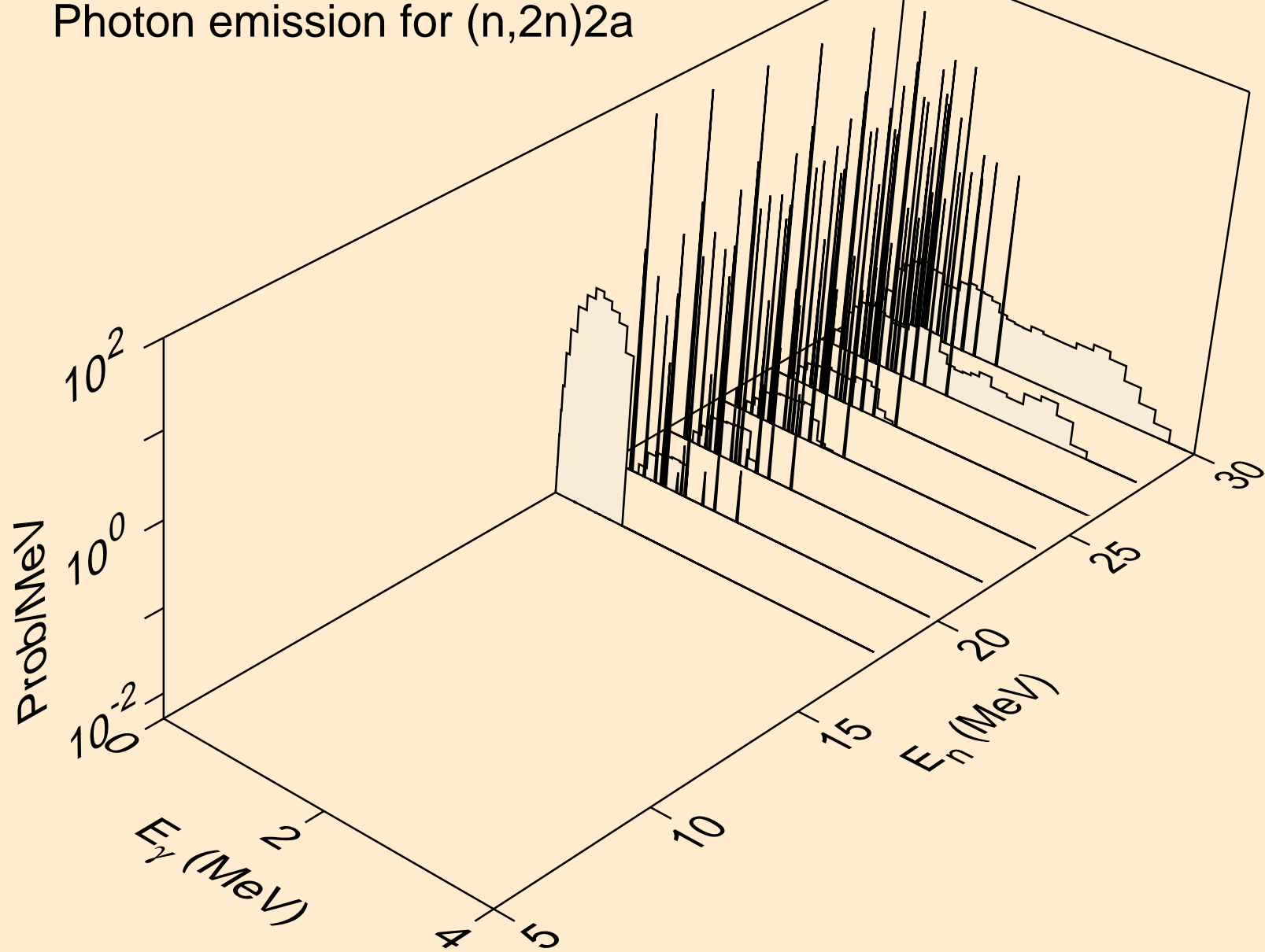
FE064 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



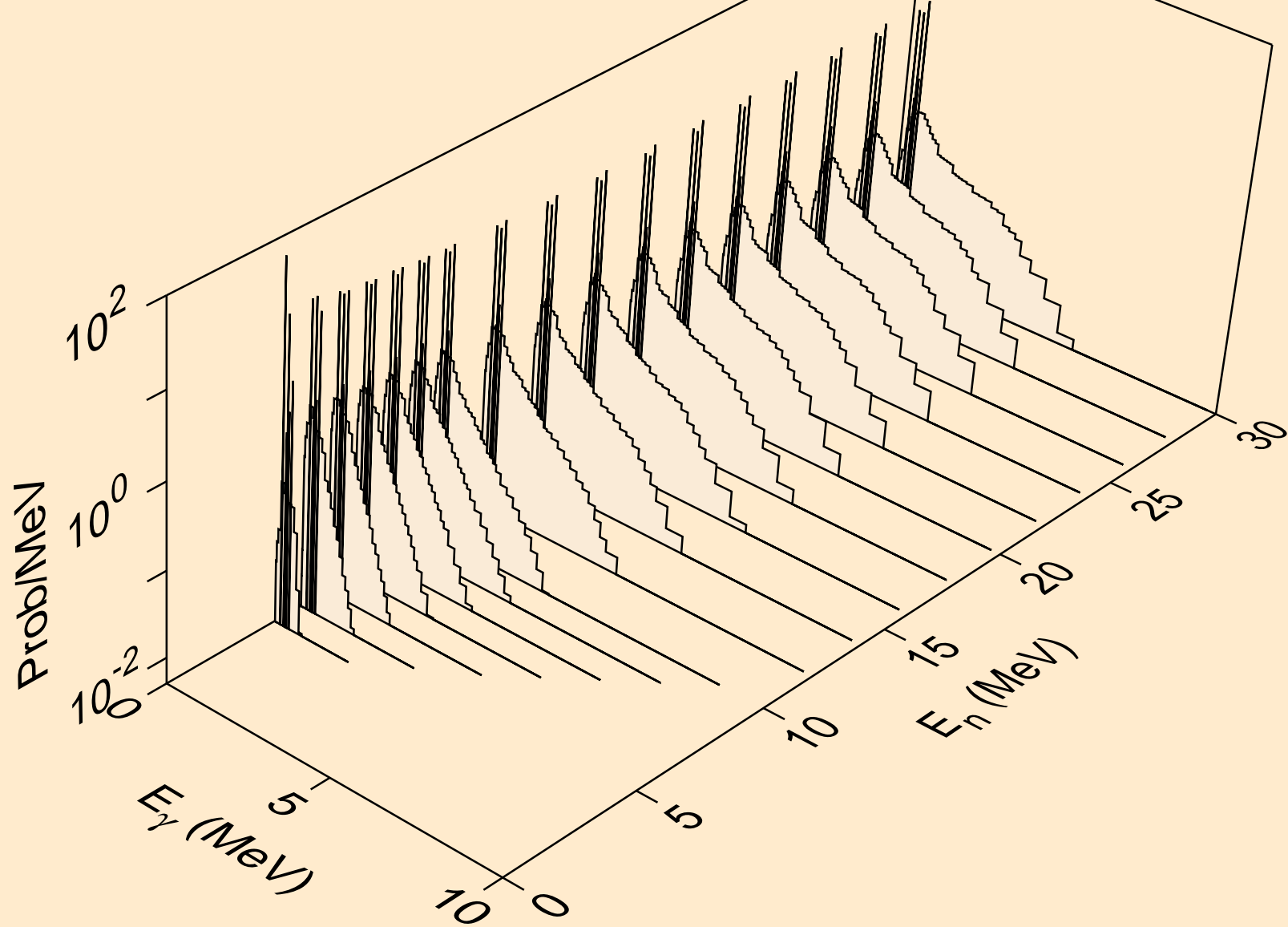
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Photon emission for (n,n\*)2a



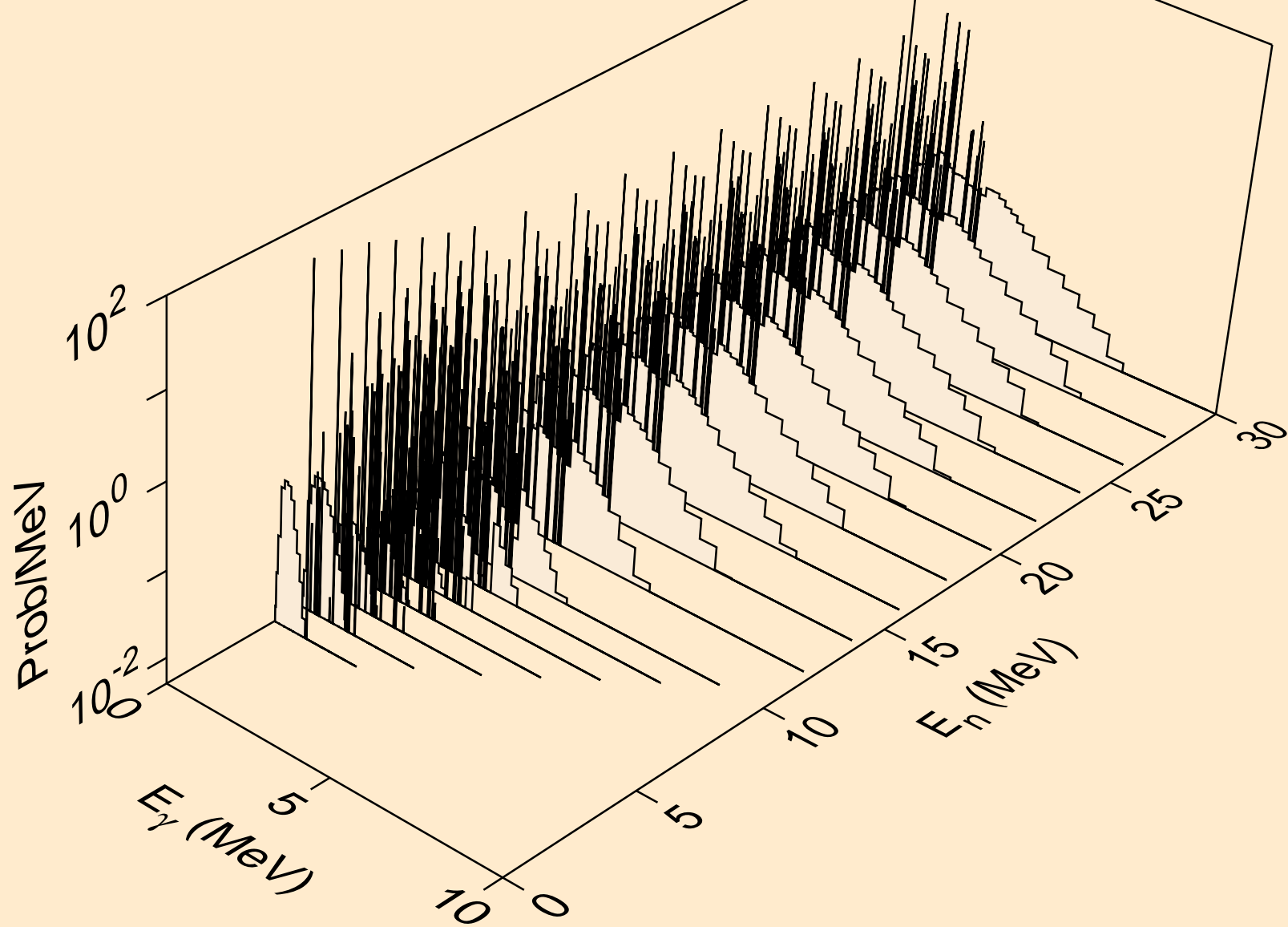
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Photon emission for (n,2n)2a



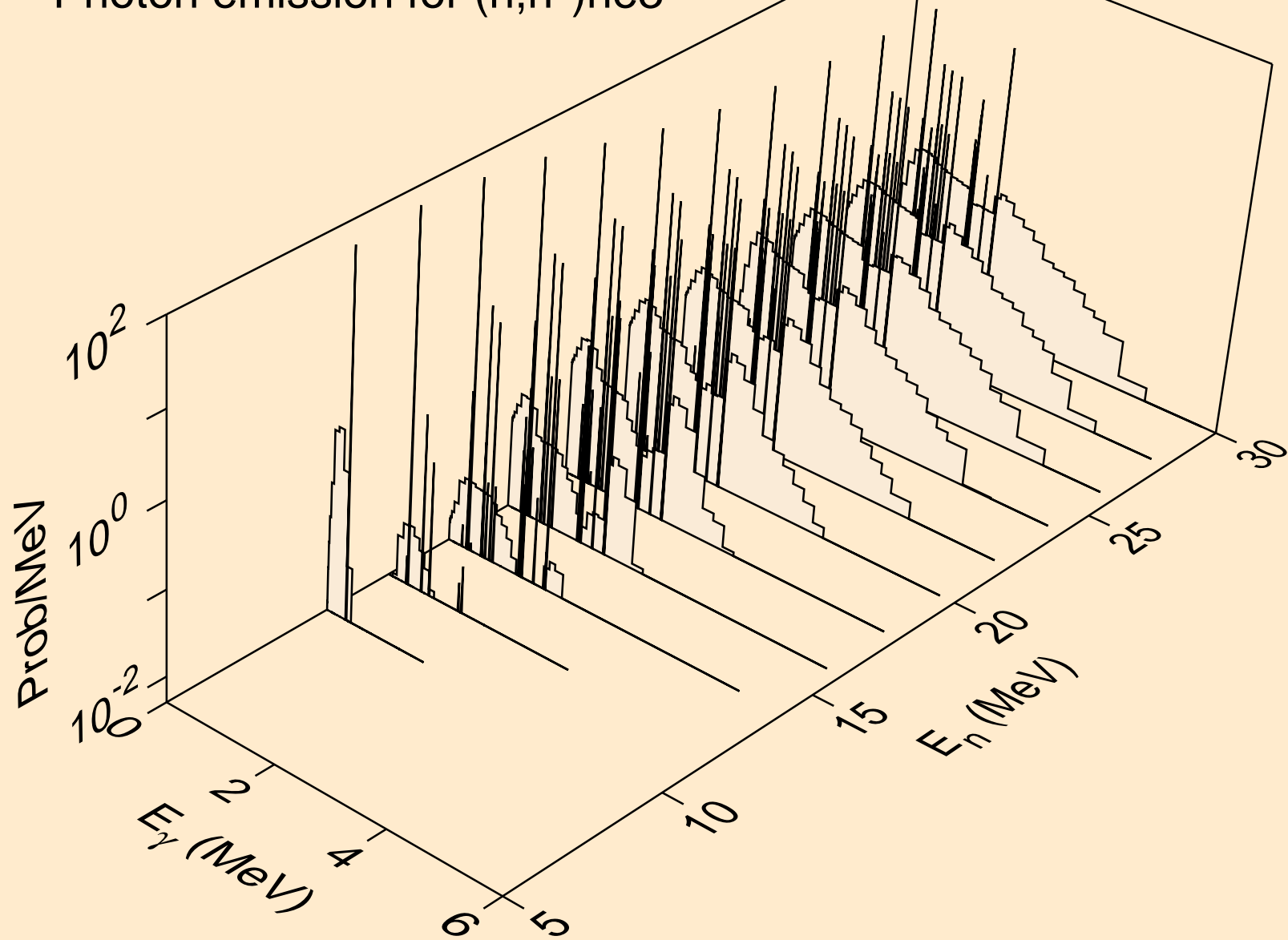
FE064 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



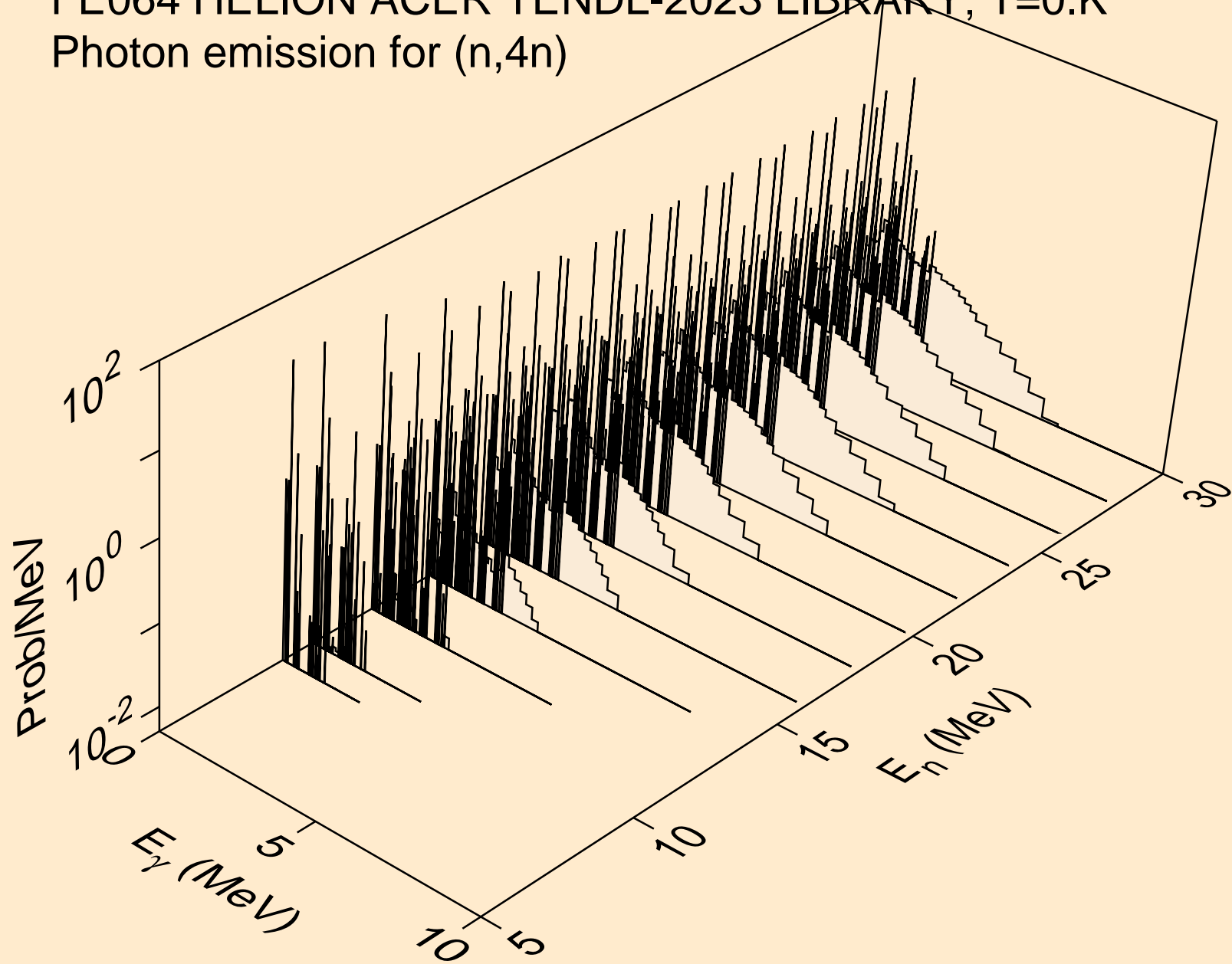
FE064 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



FE064 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

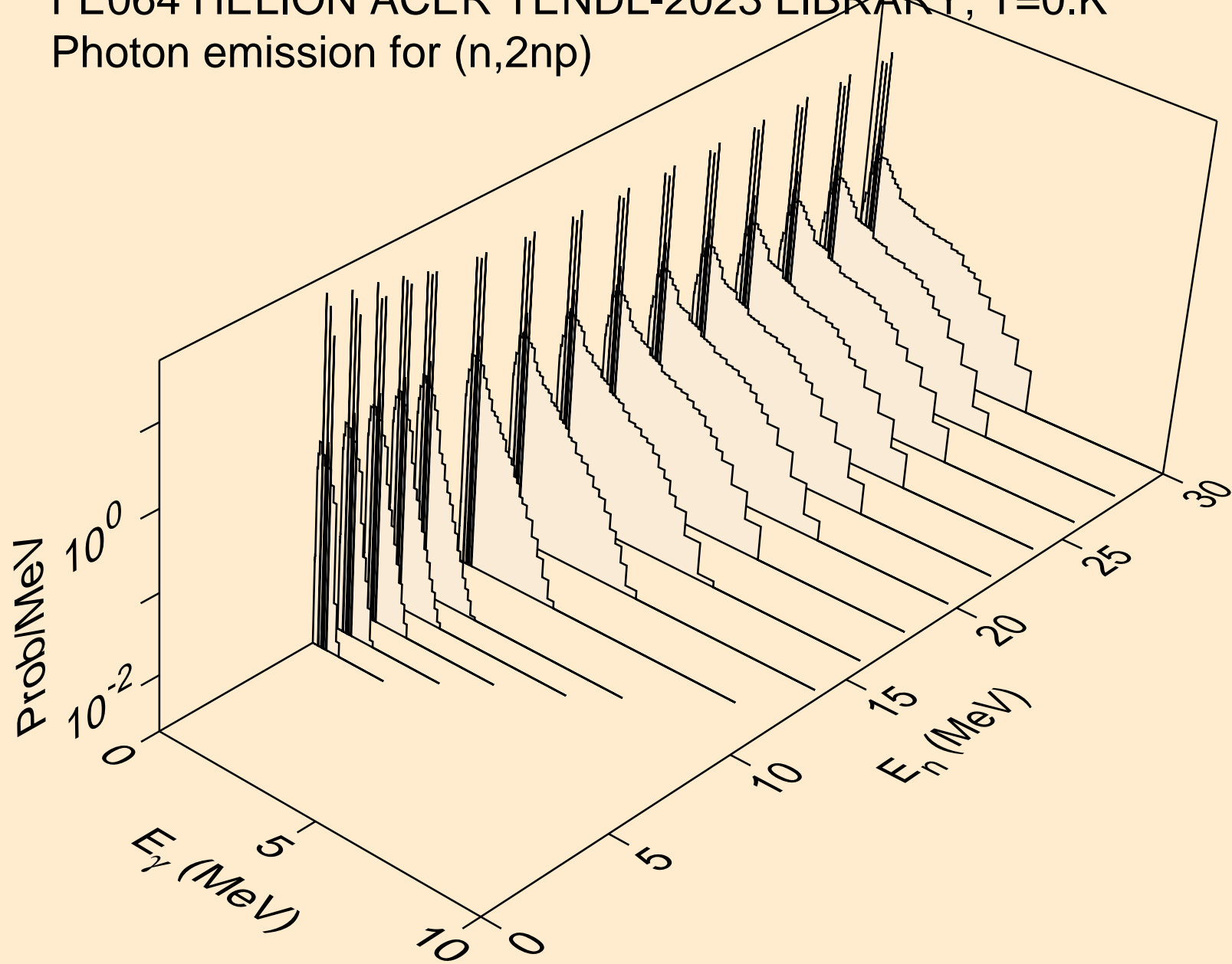


FE064 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)

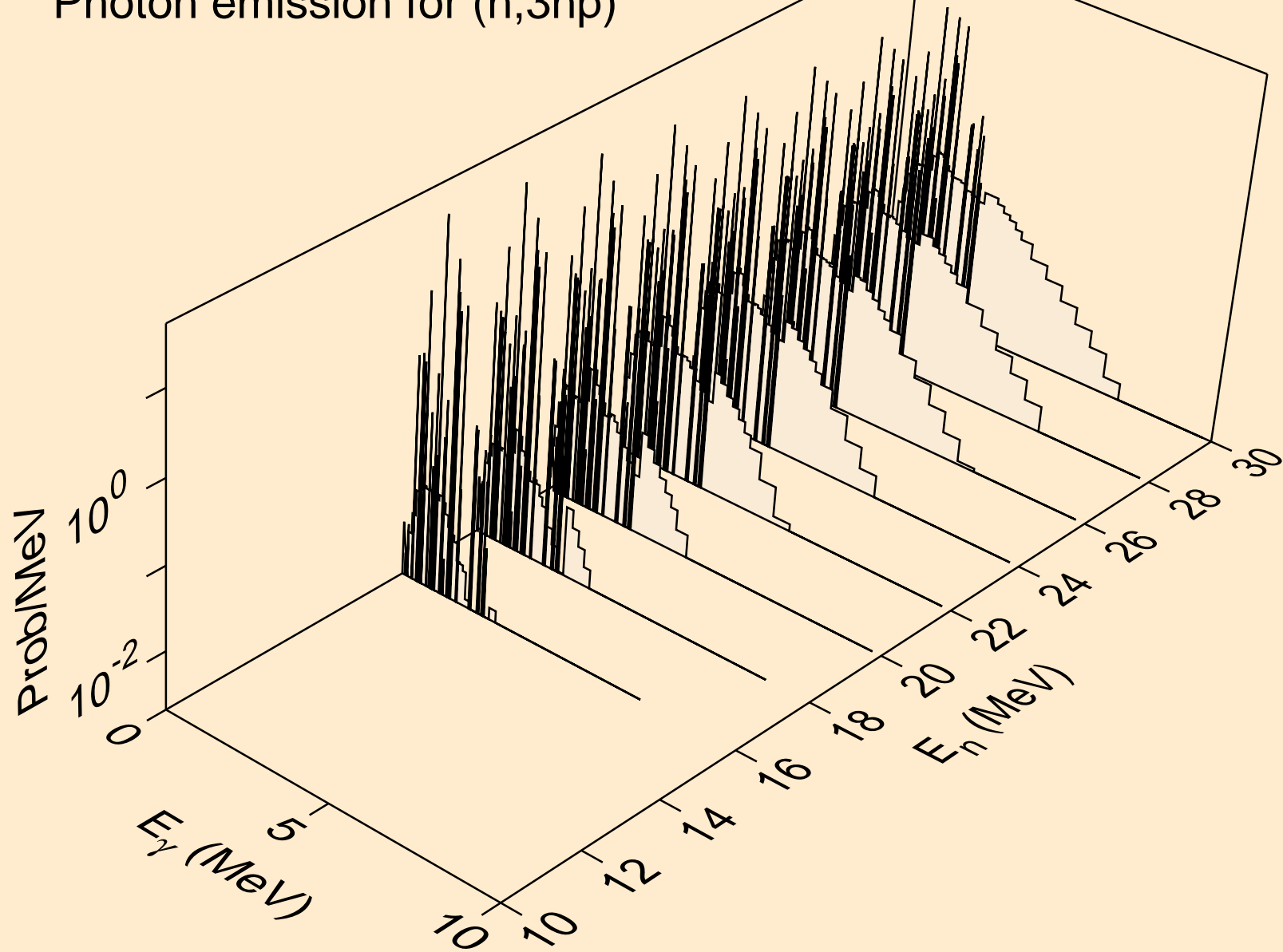




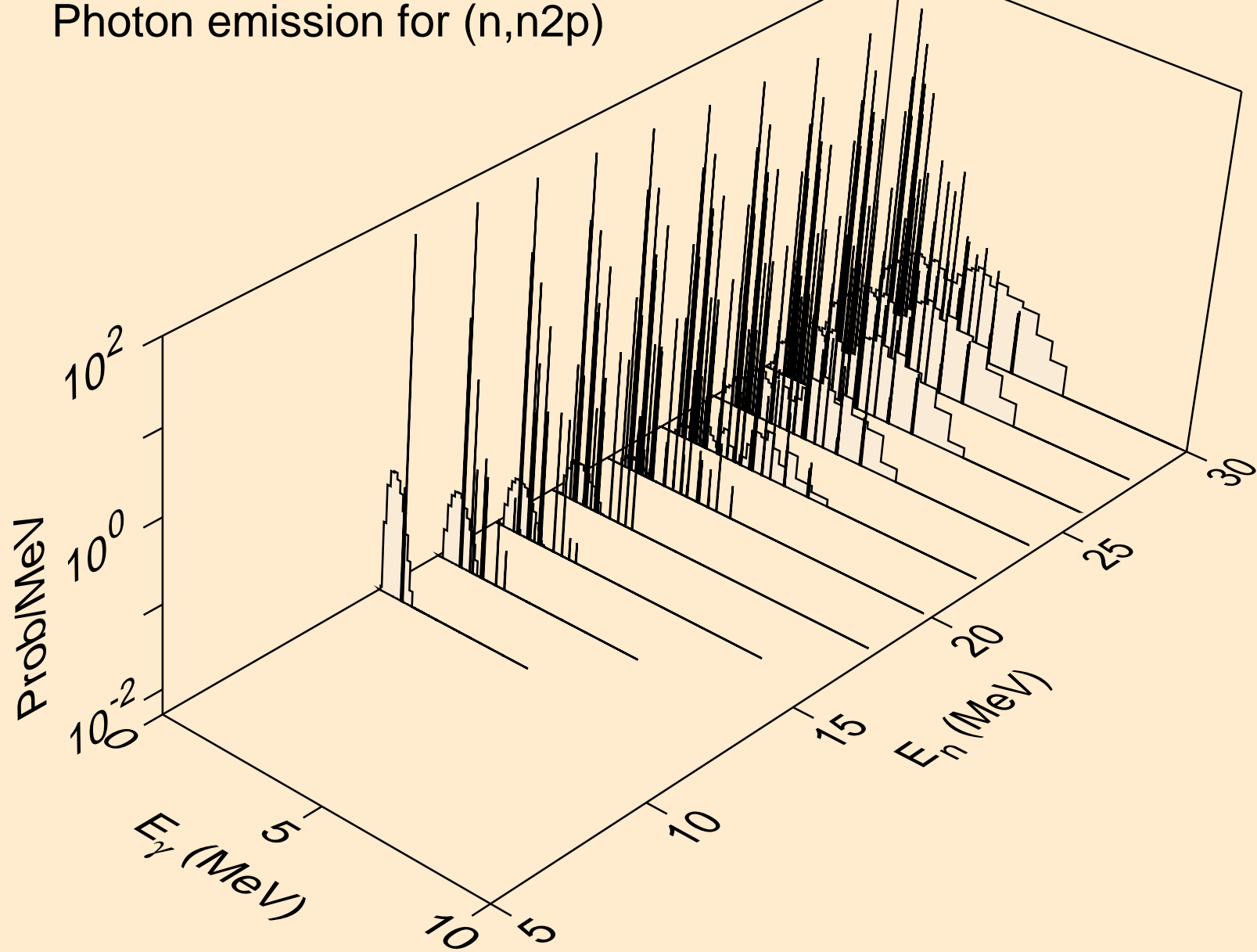
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Photon emission for (n,2np)



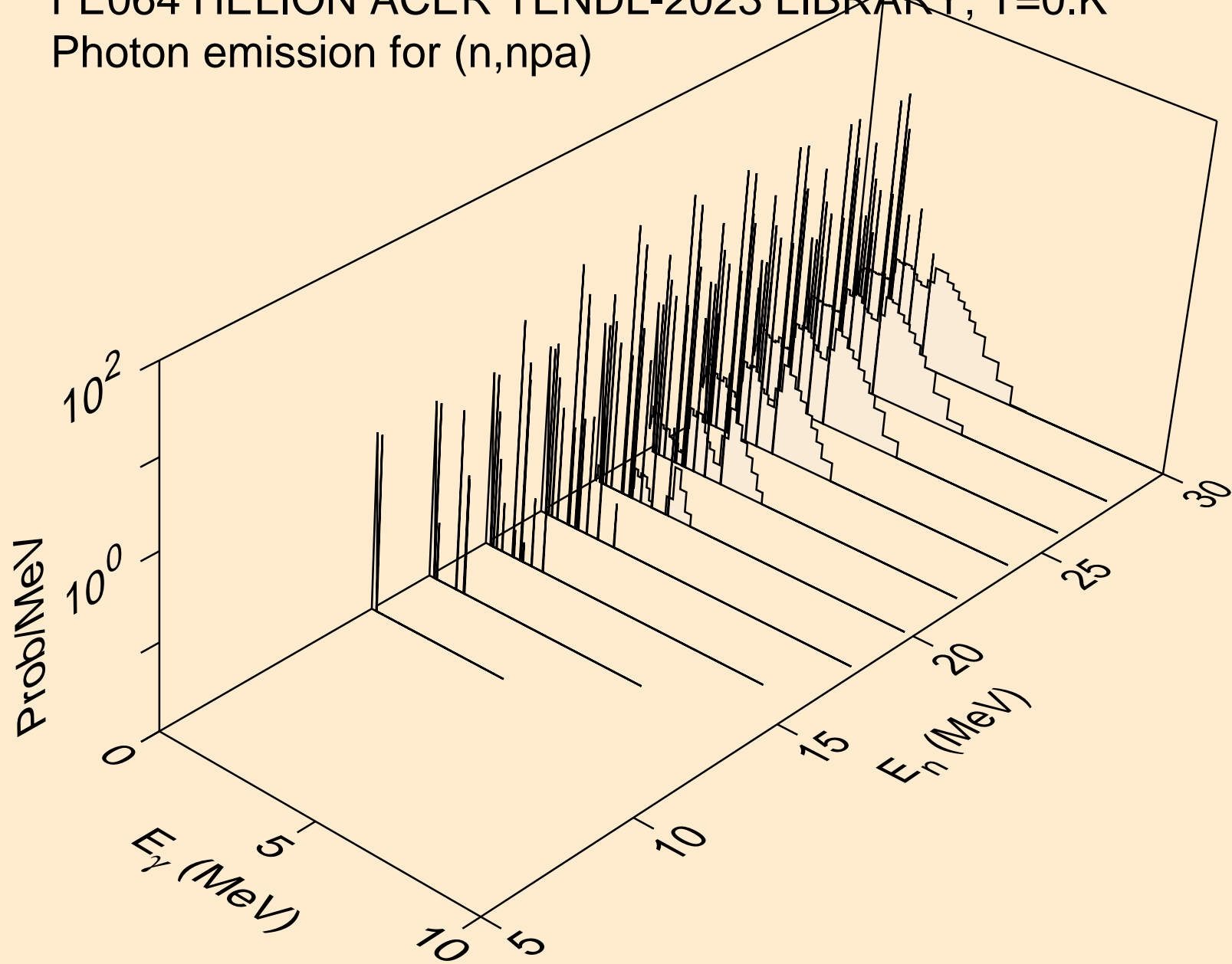
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Photon emission for (n,3np)



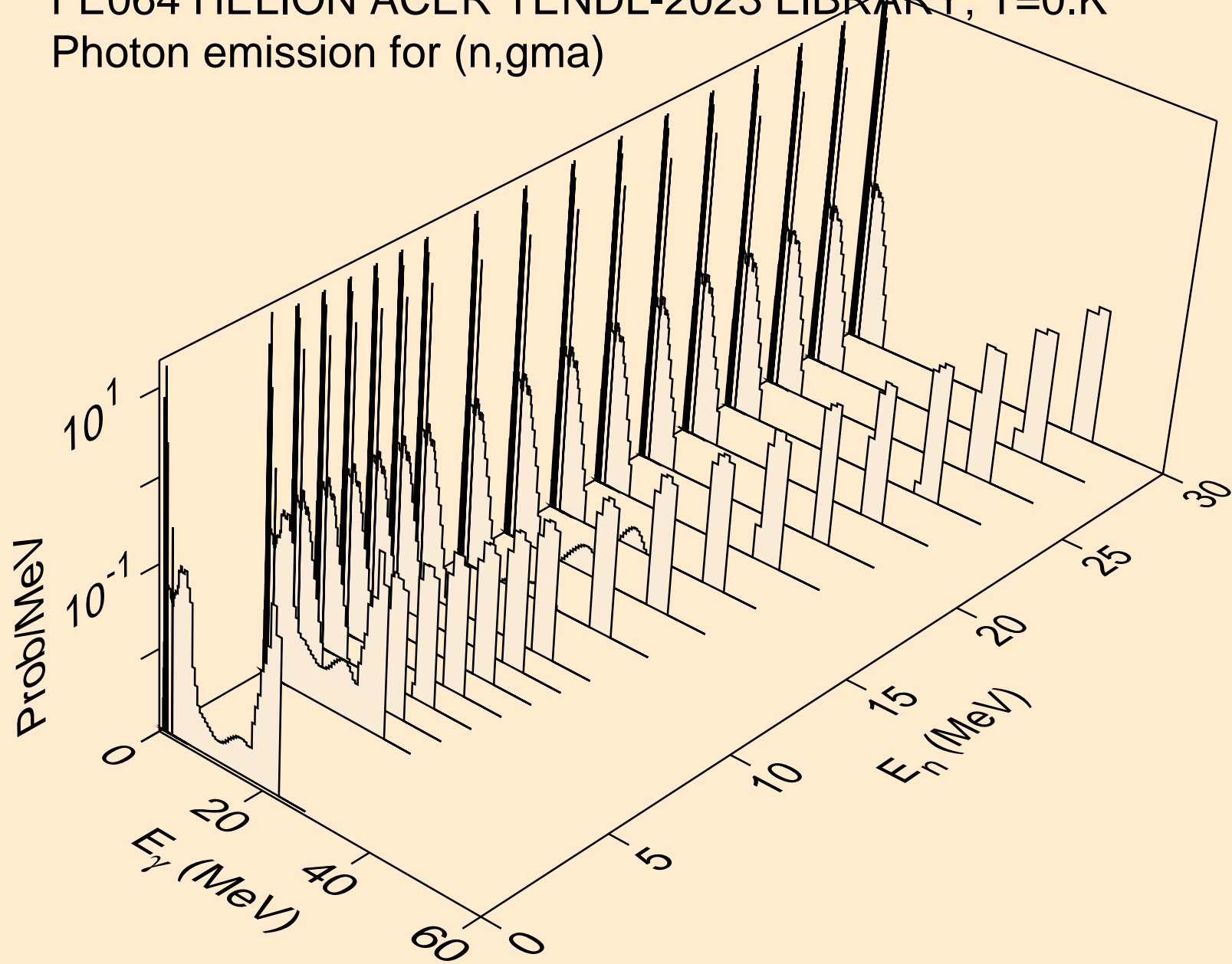
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Photon emission for (n,n2p)



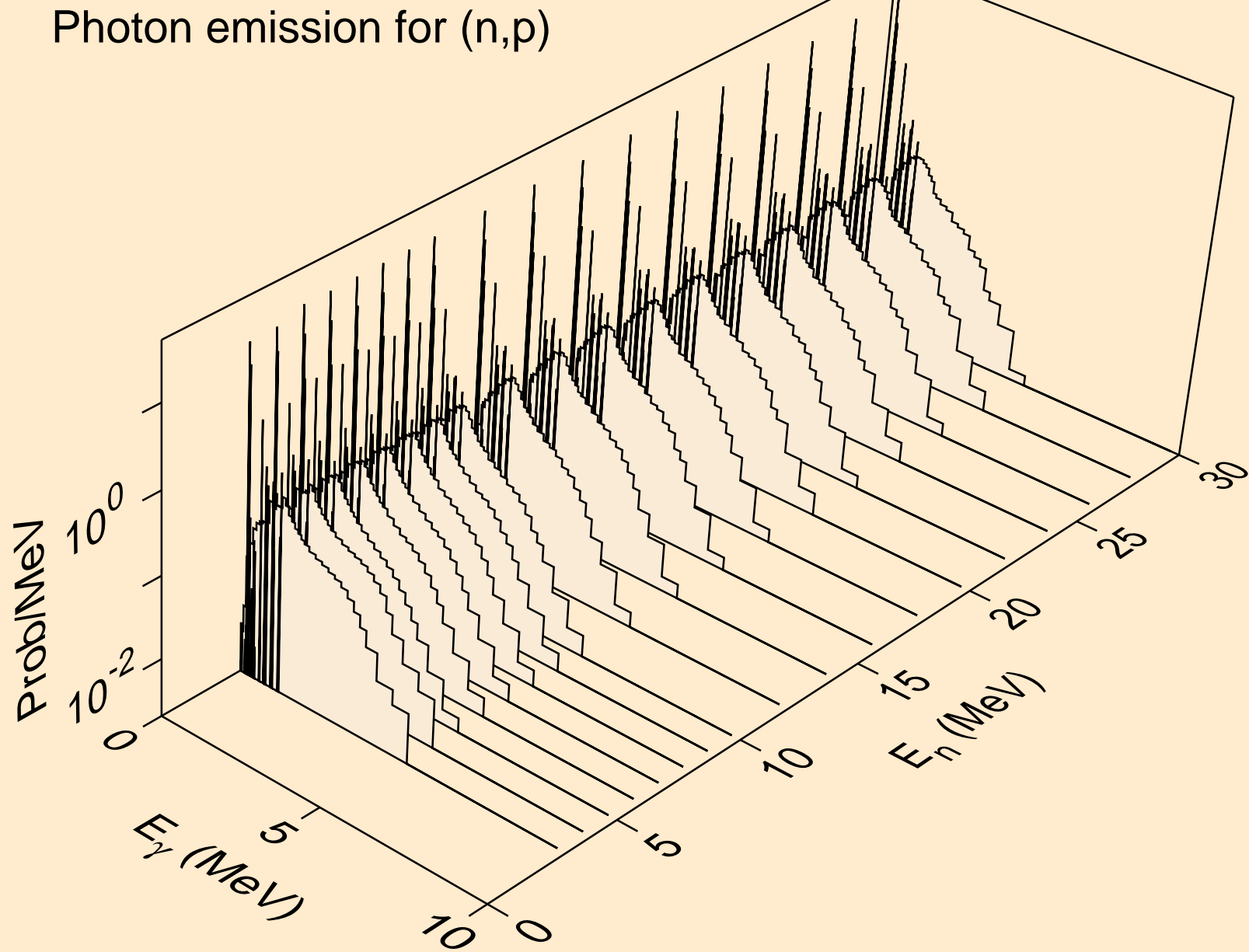
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Photon emission for (n,npa)



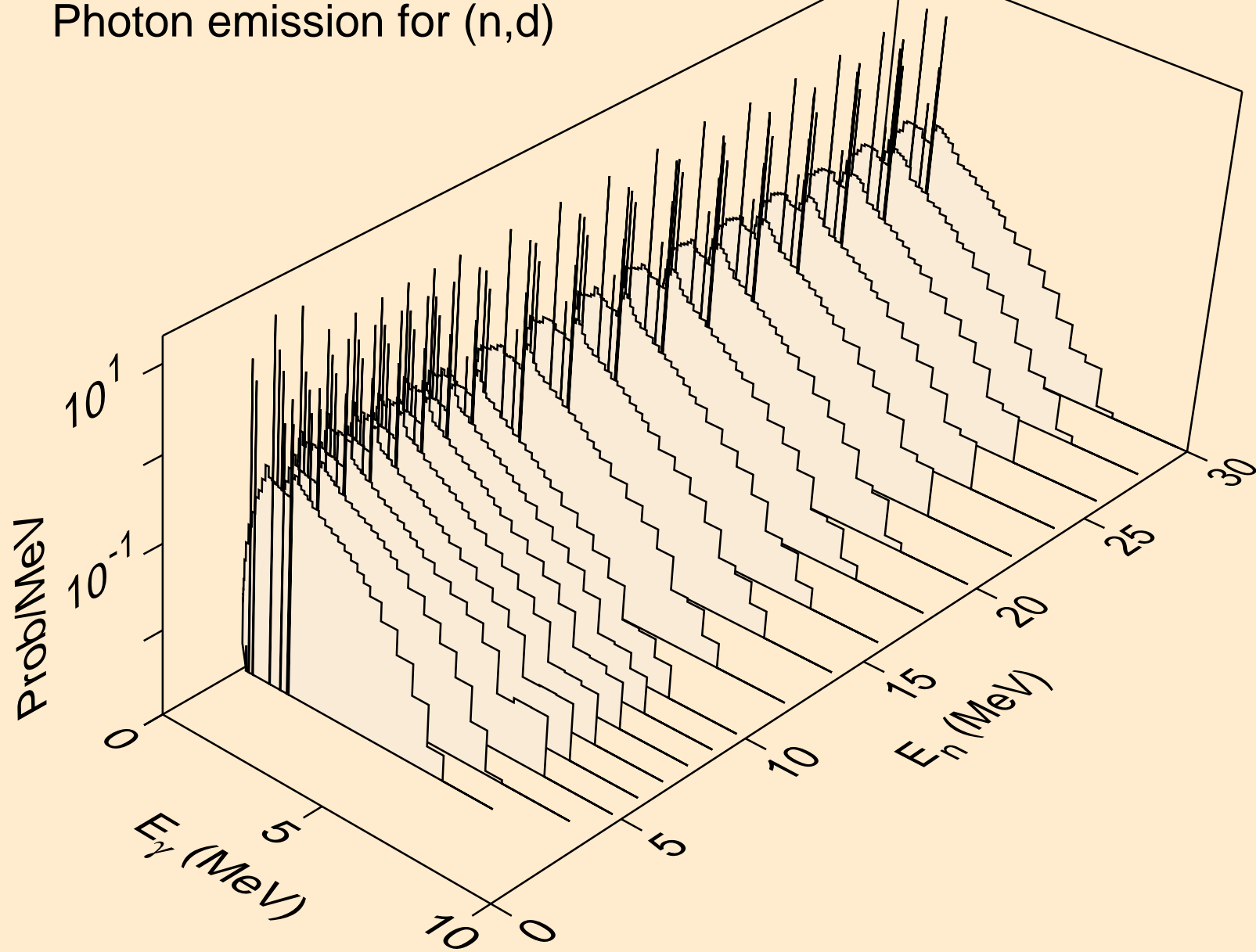
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Photon emission for (n,gma)



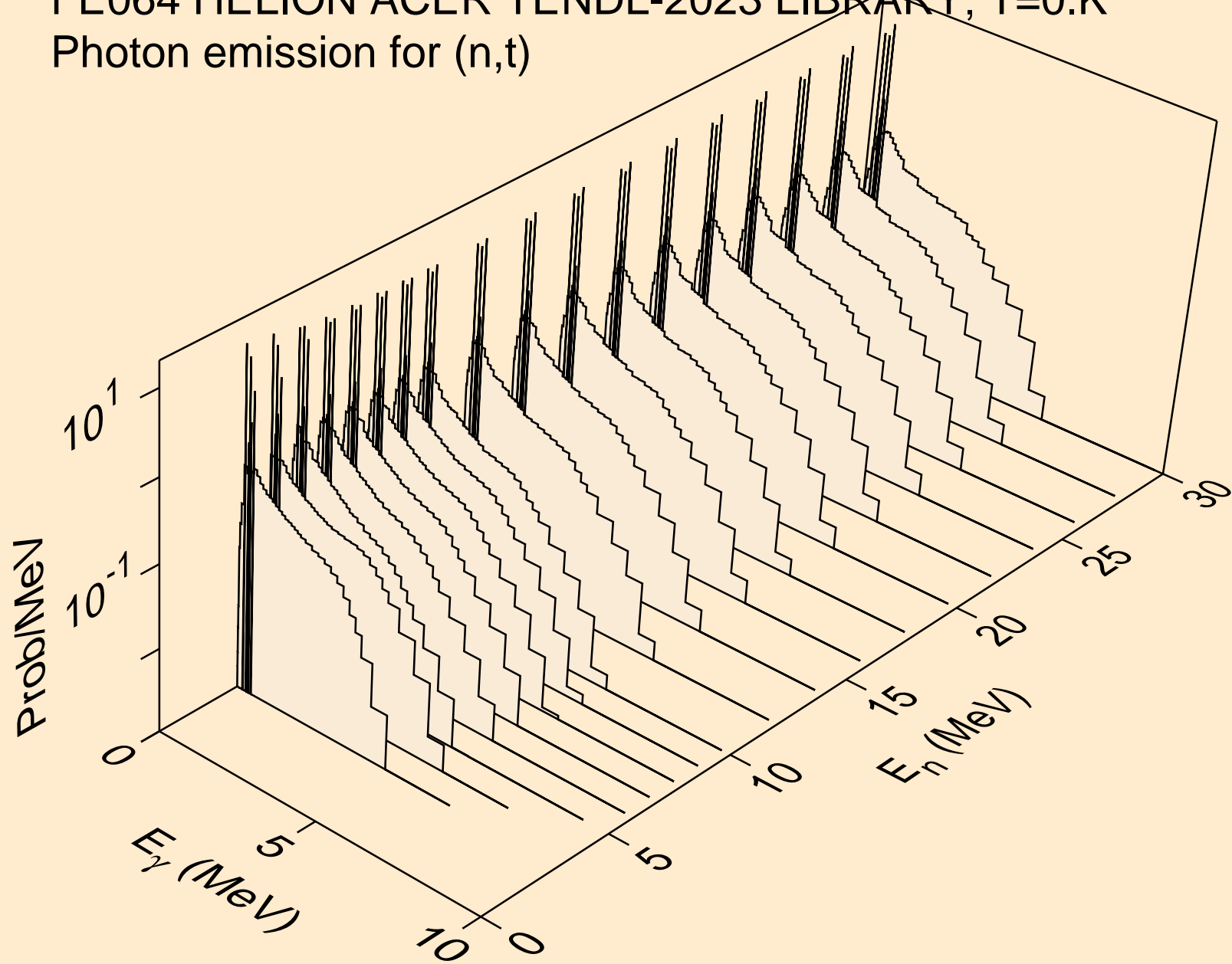
FE064 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



FE064 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)

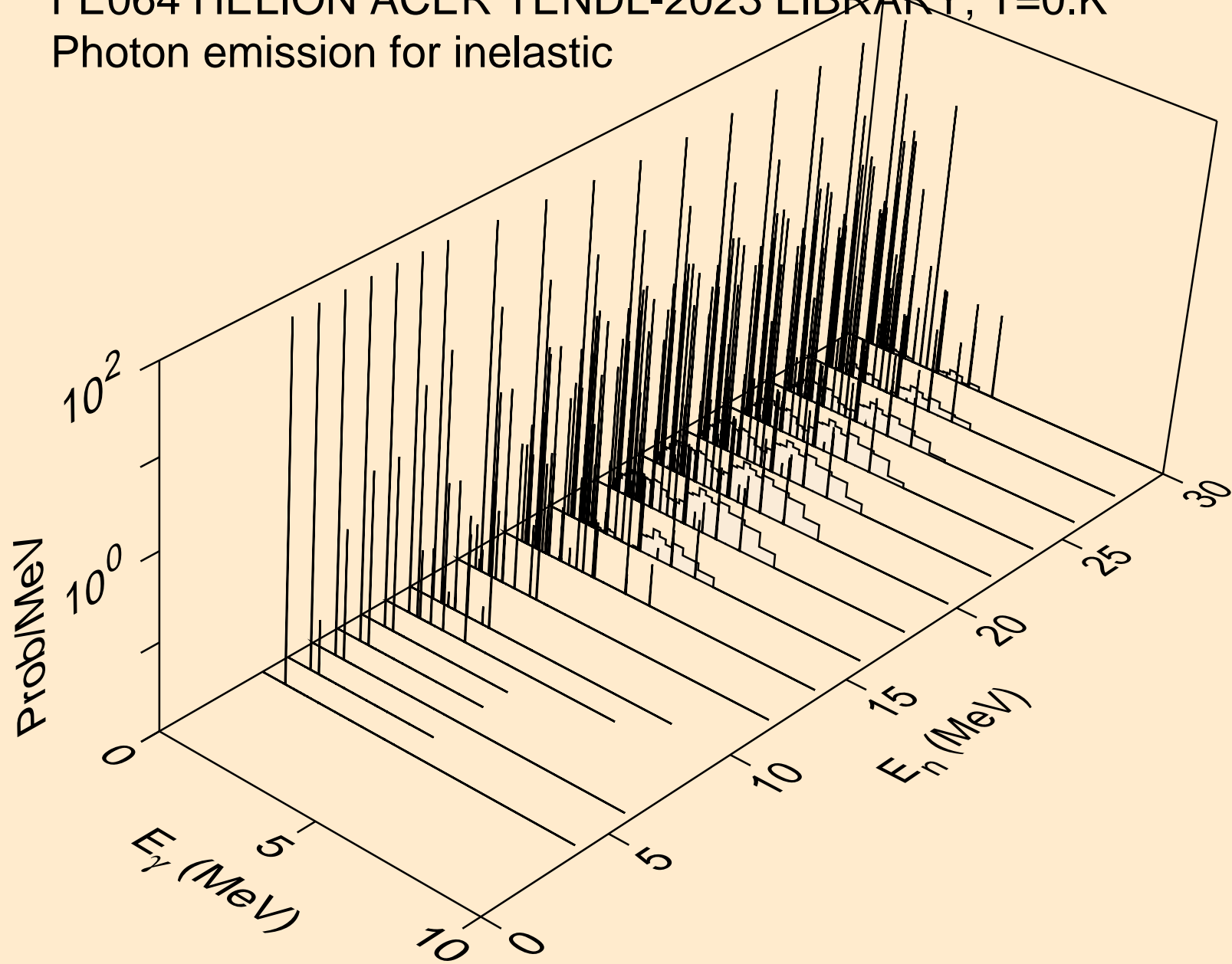


FE064 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)

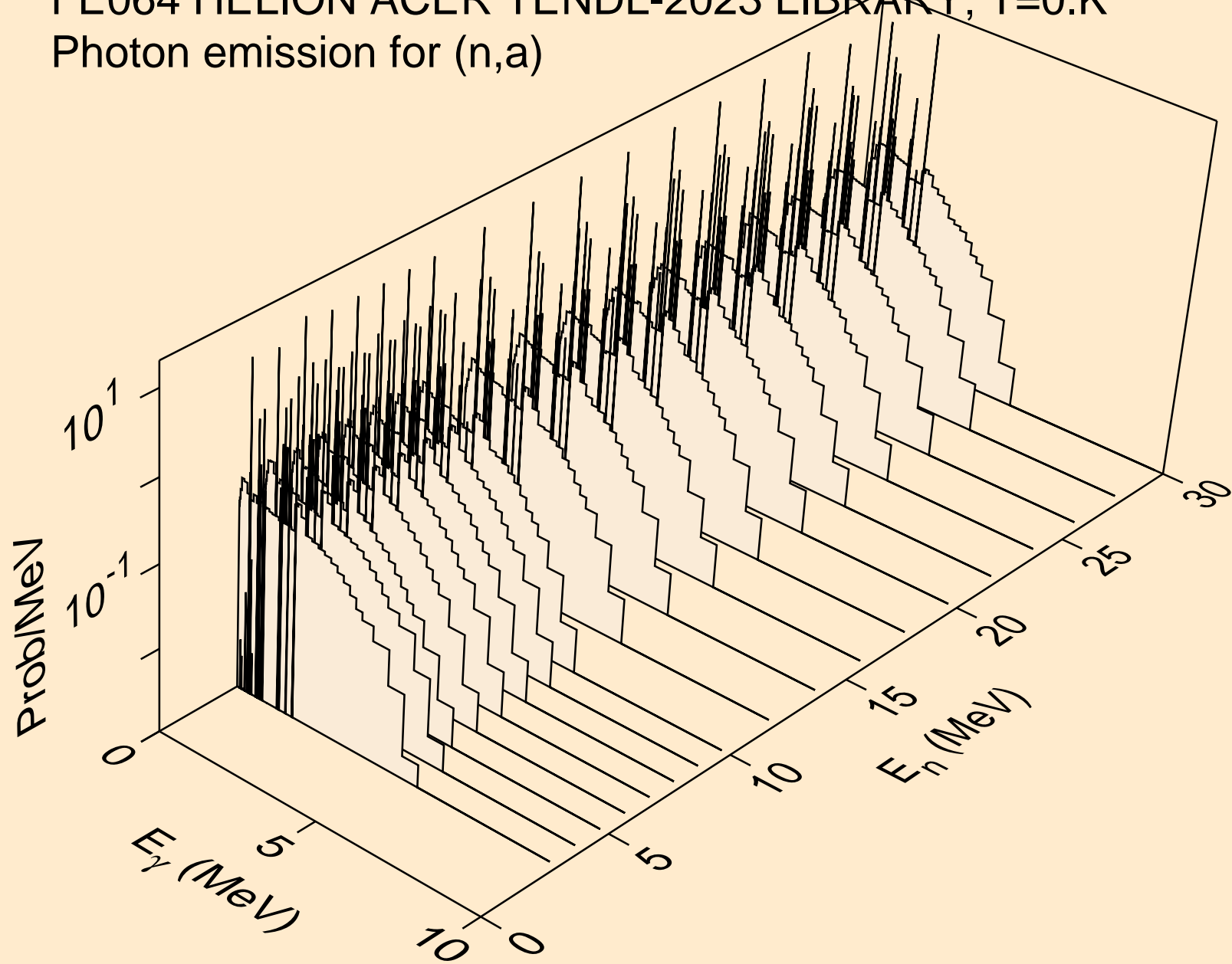




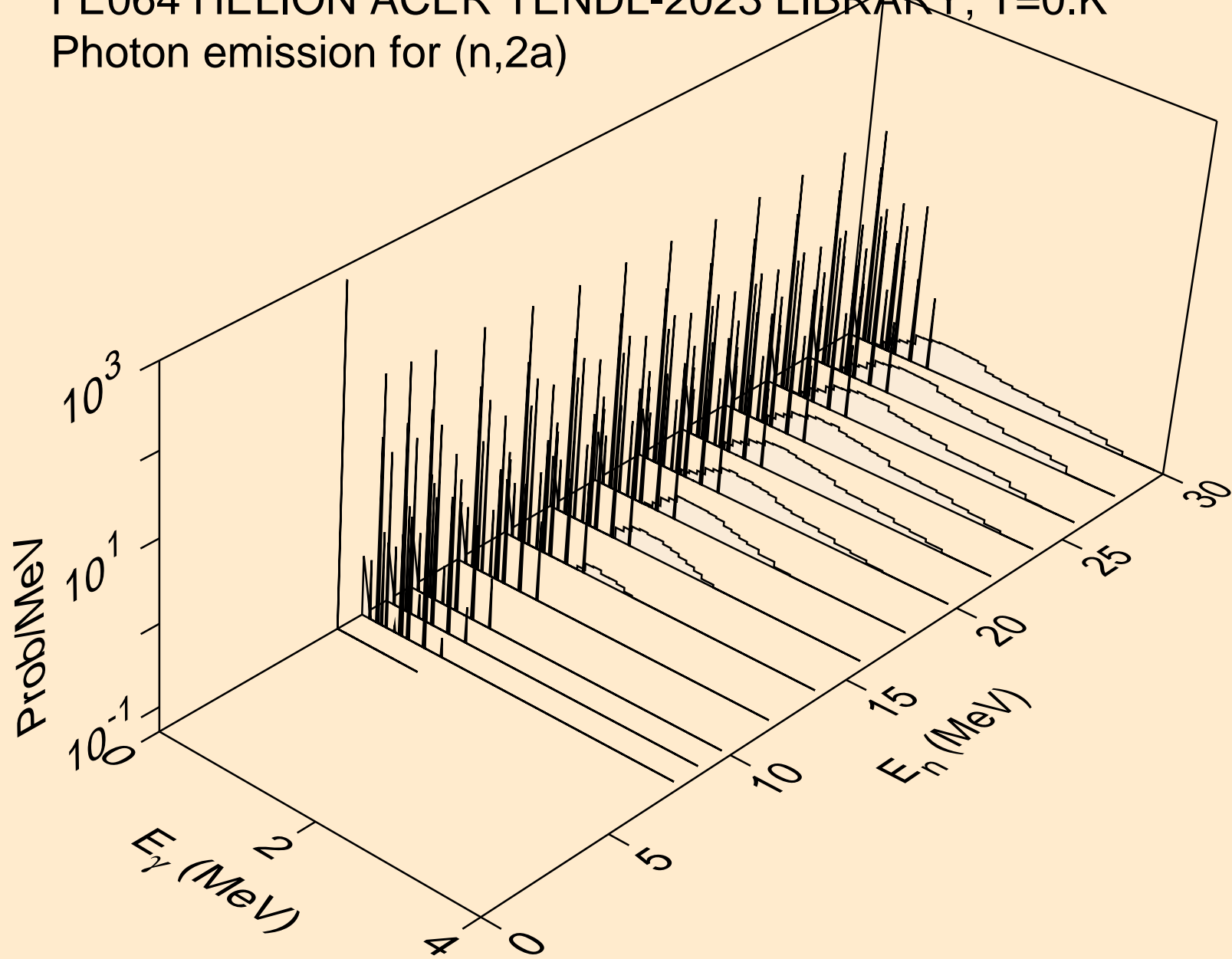
FE064 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



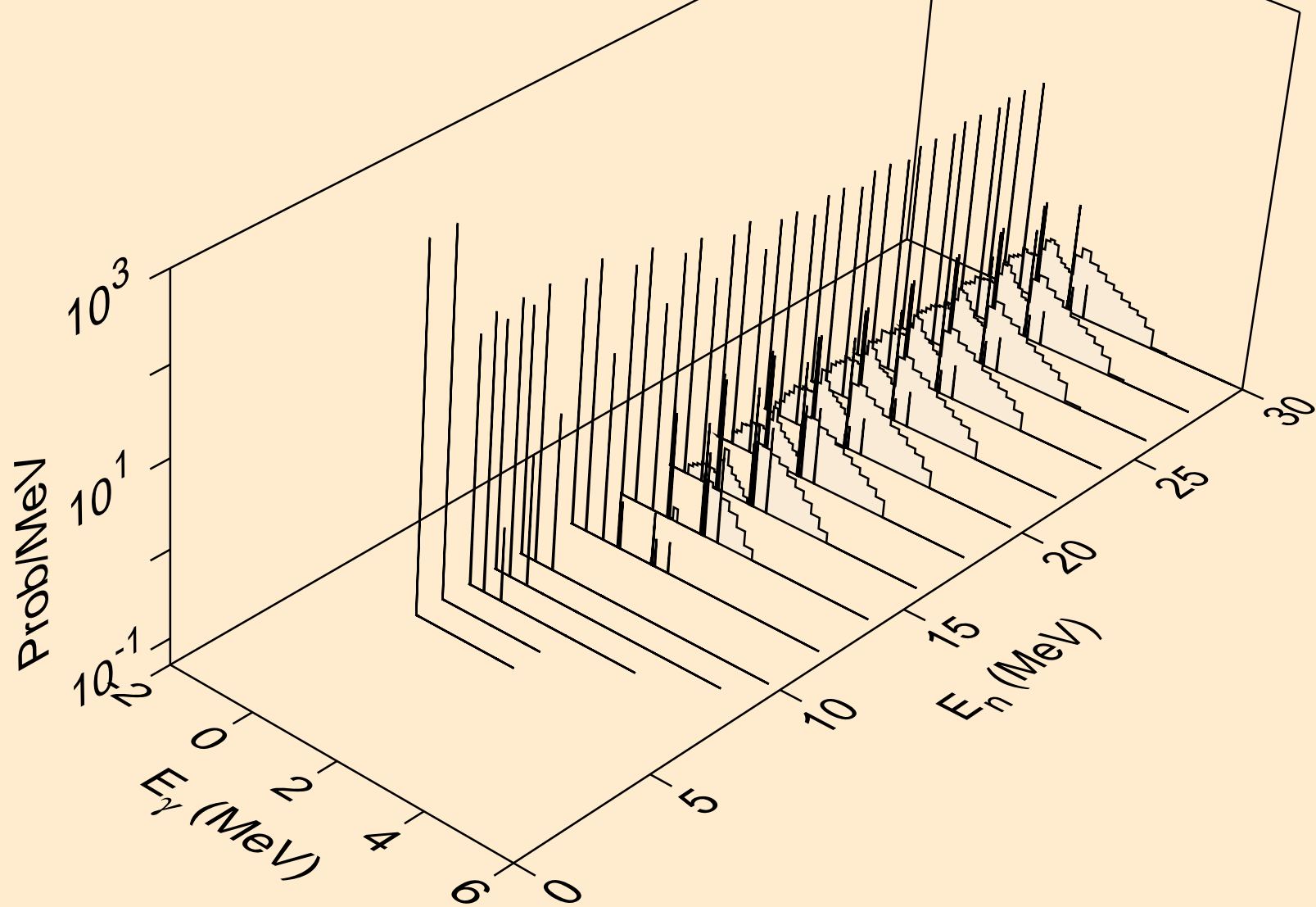
FE064 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



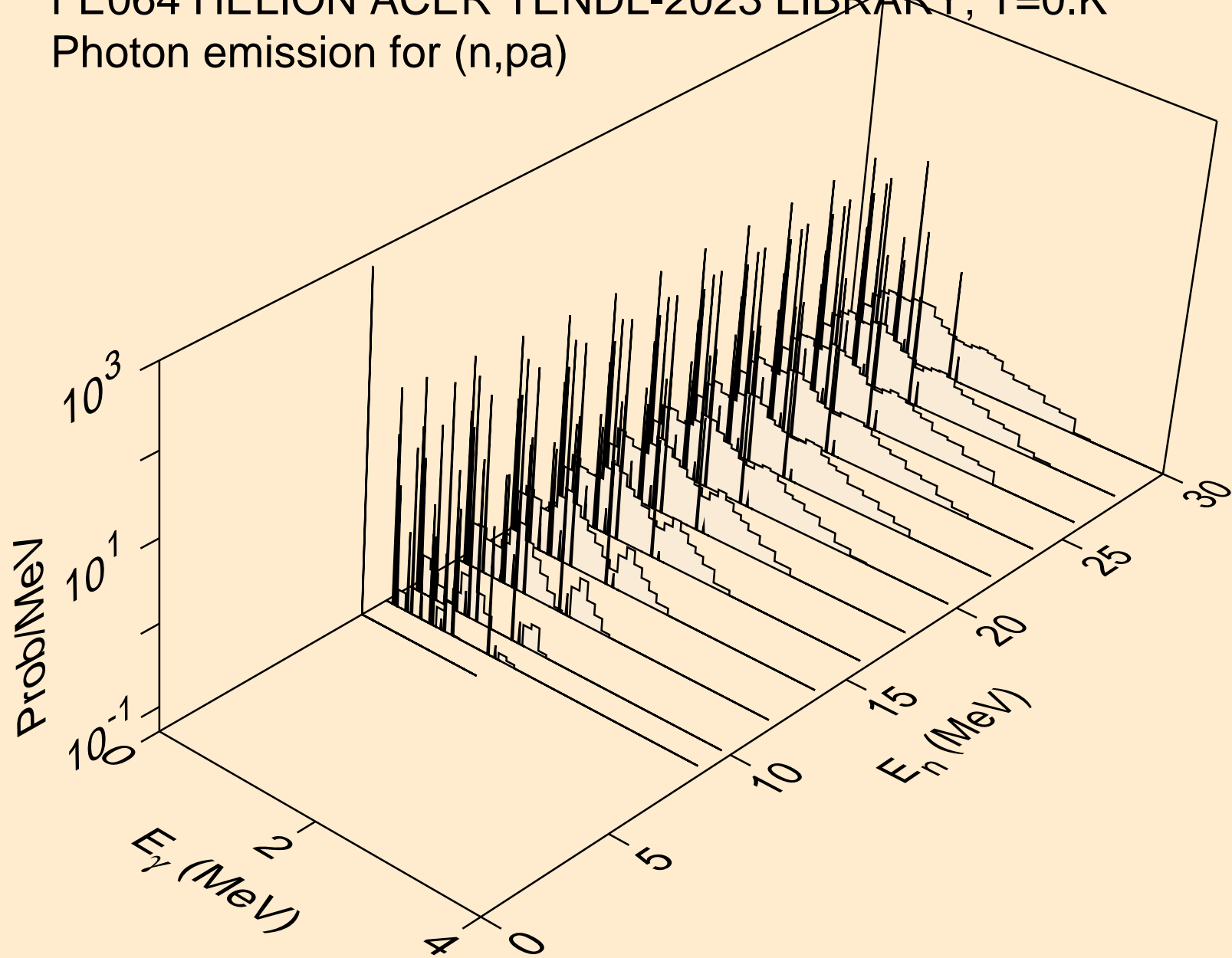
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Photon emission for (n,2a)



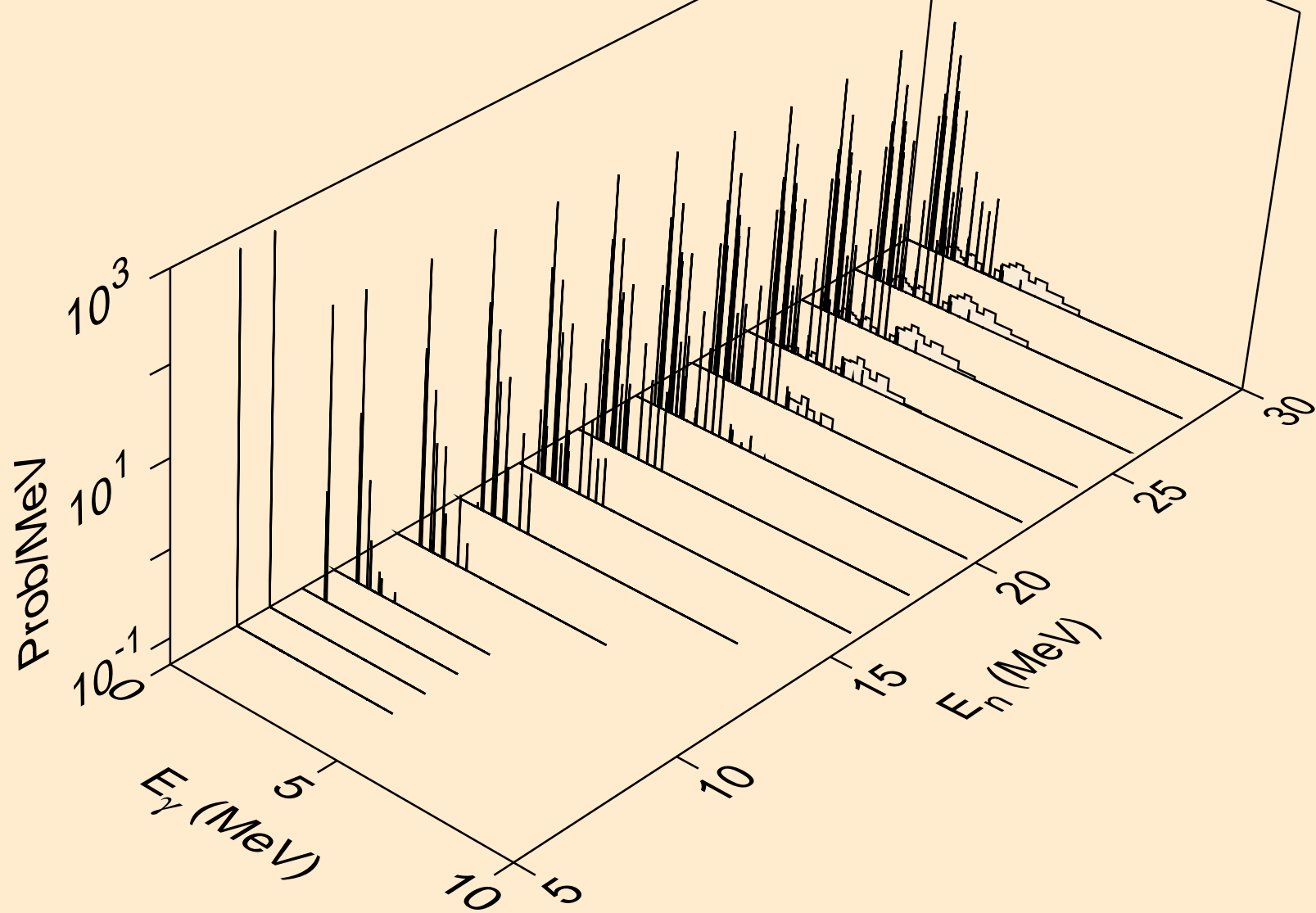
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Photon emission for (n,2p)



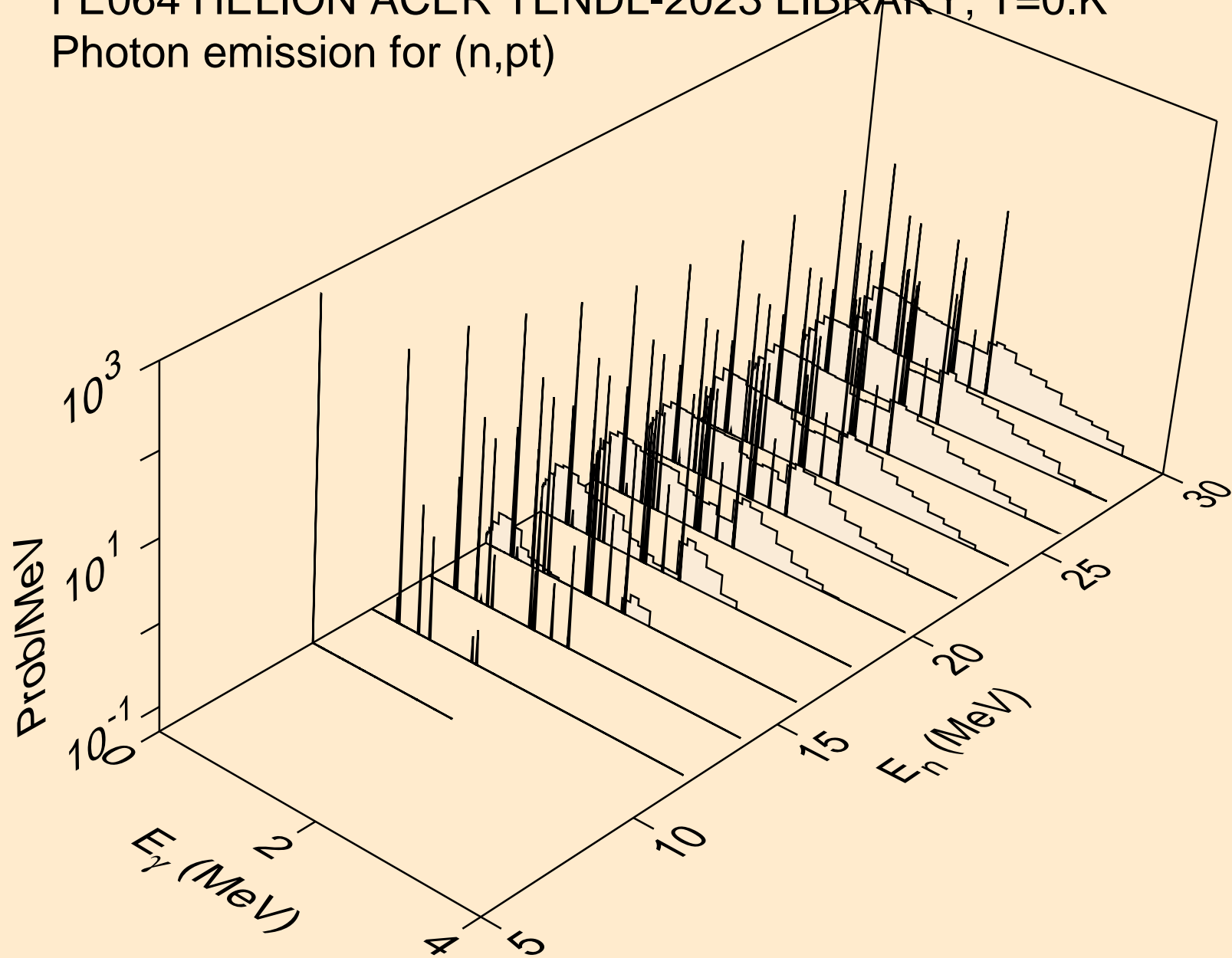
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Photon emission for (n,pa)



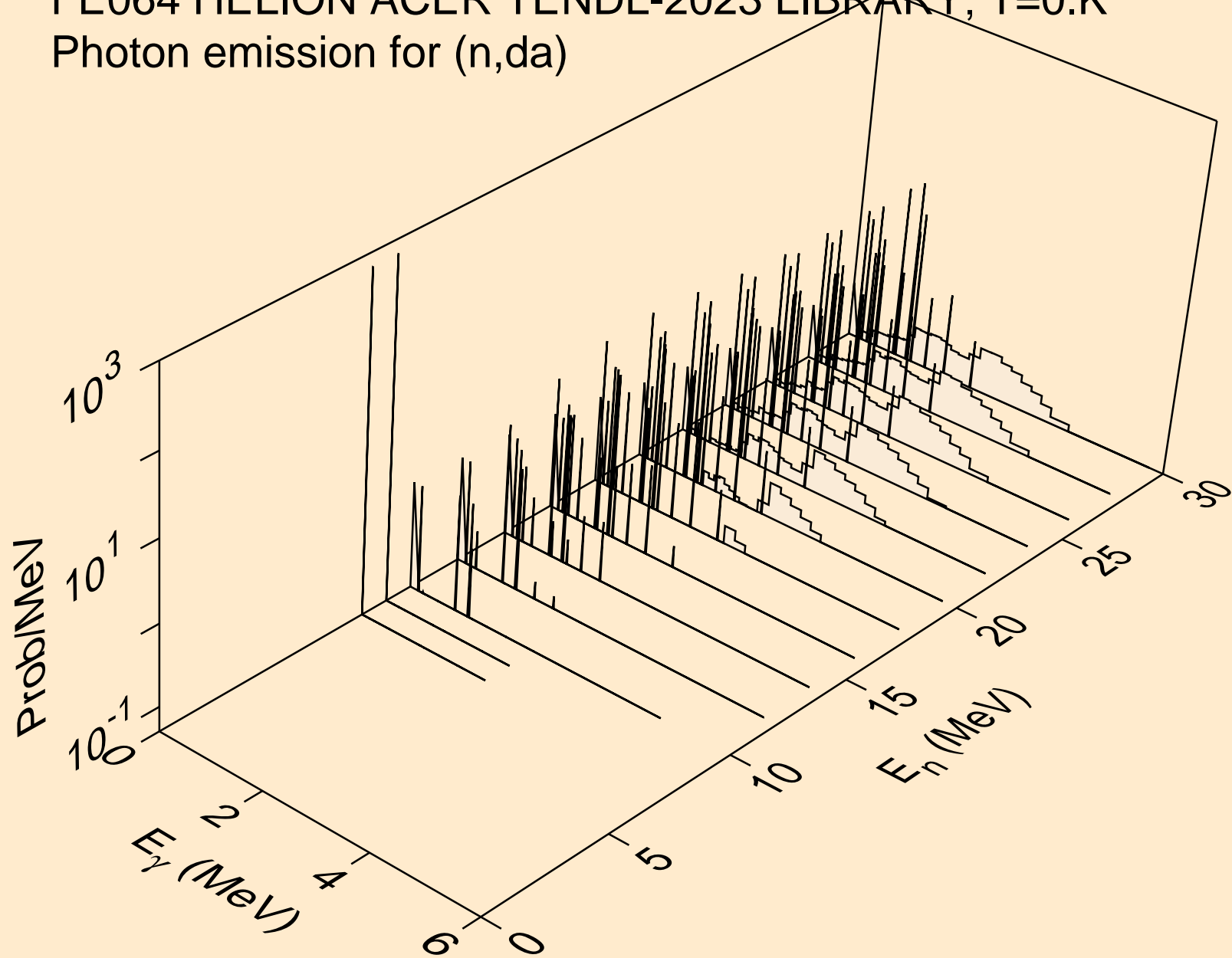
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Photon emission for (n,pd)



FE064 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)

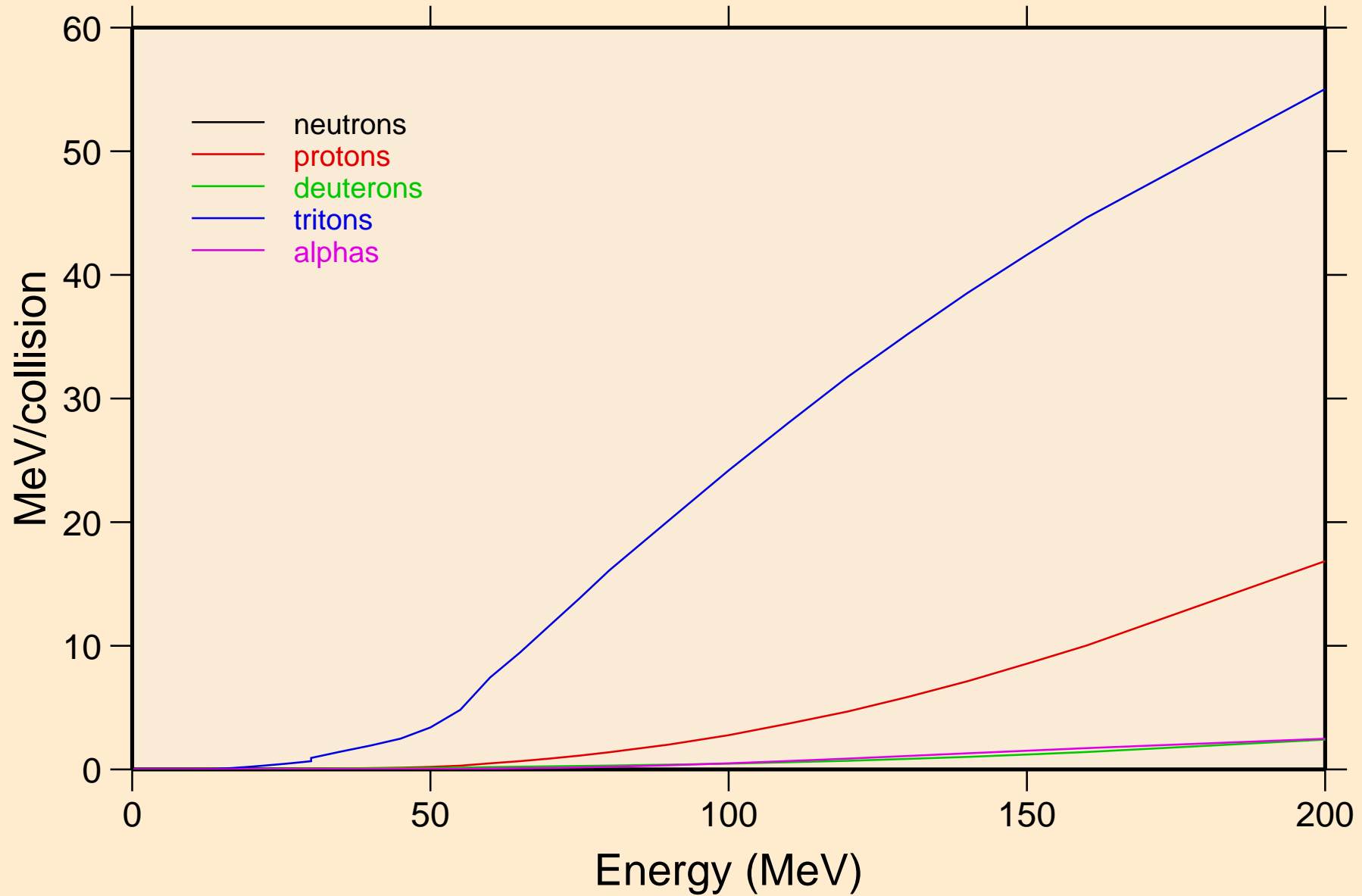


FE064 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)

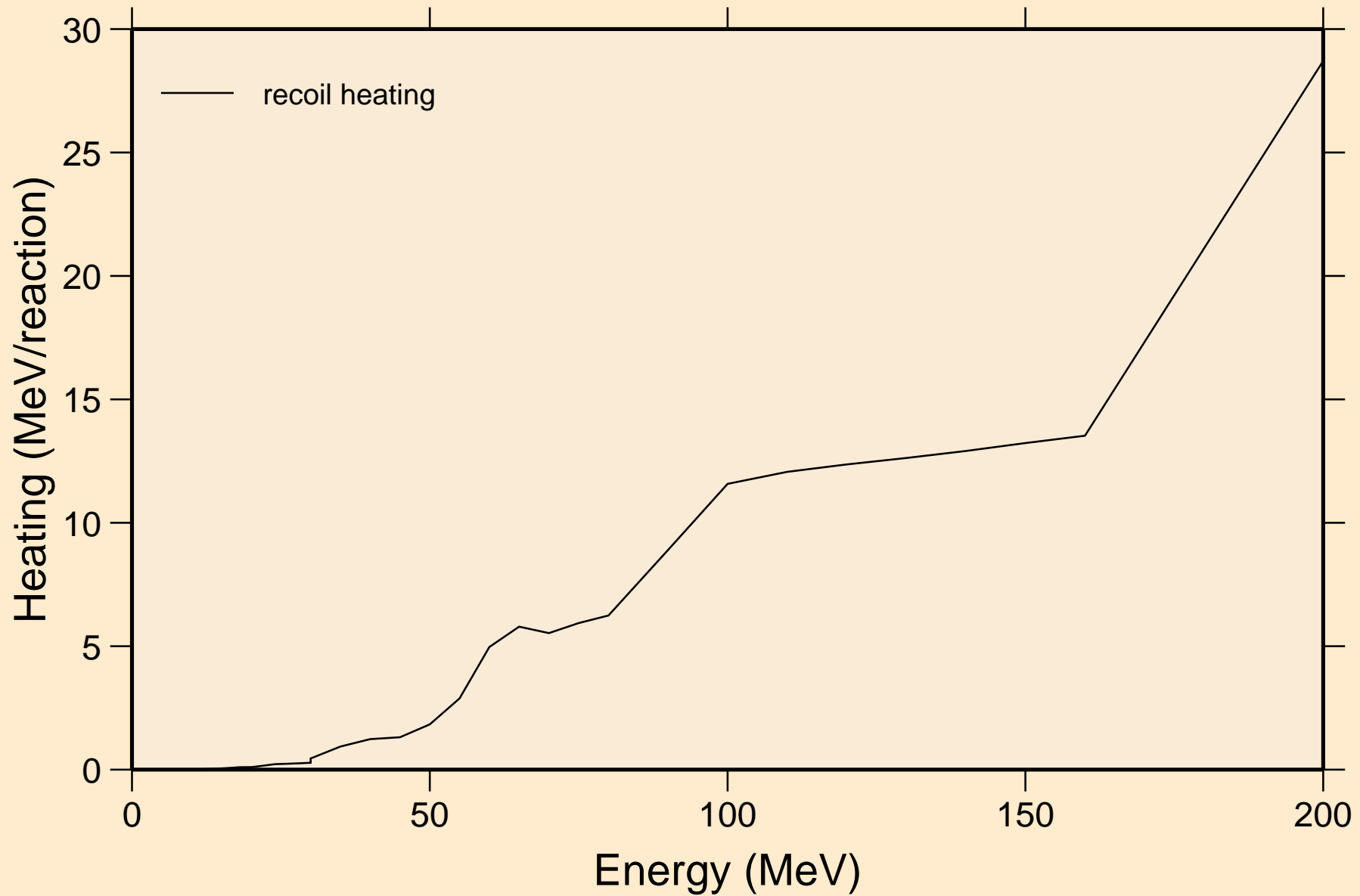




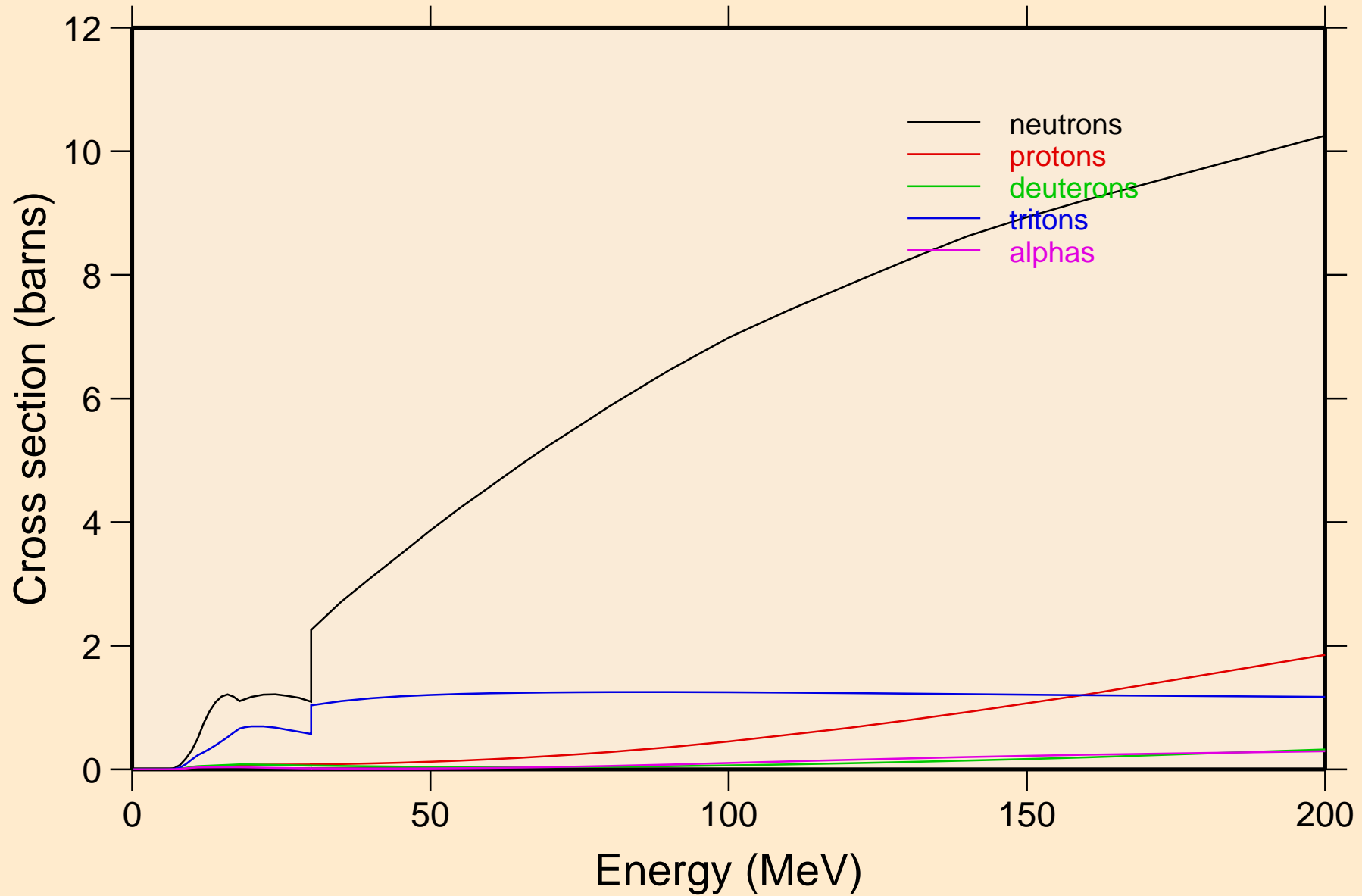
FE064 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



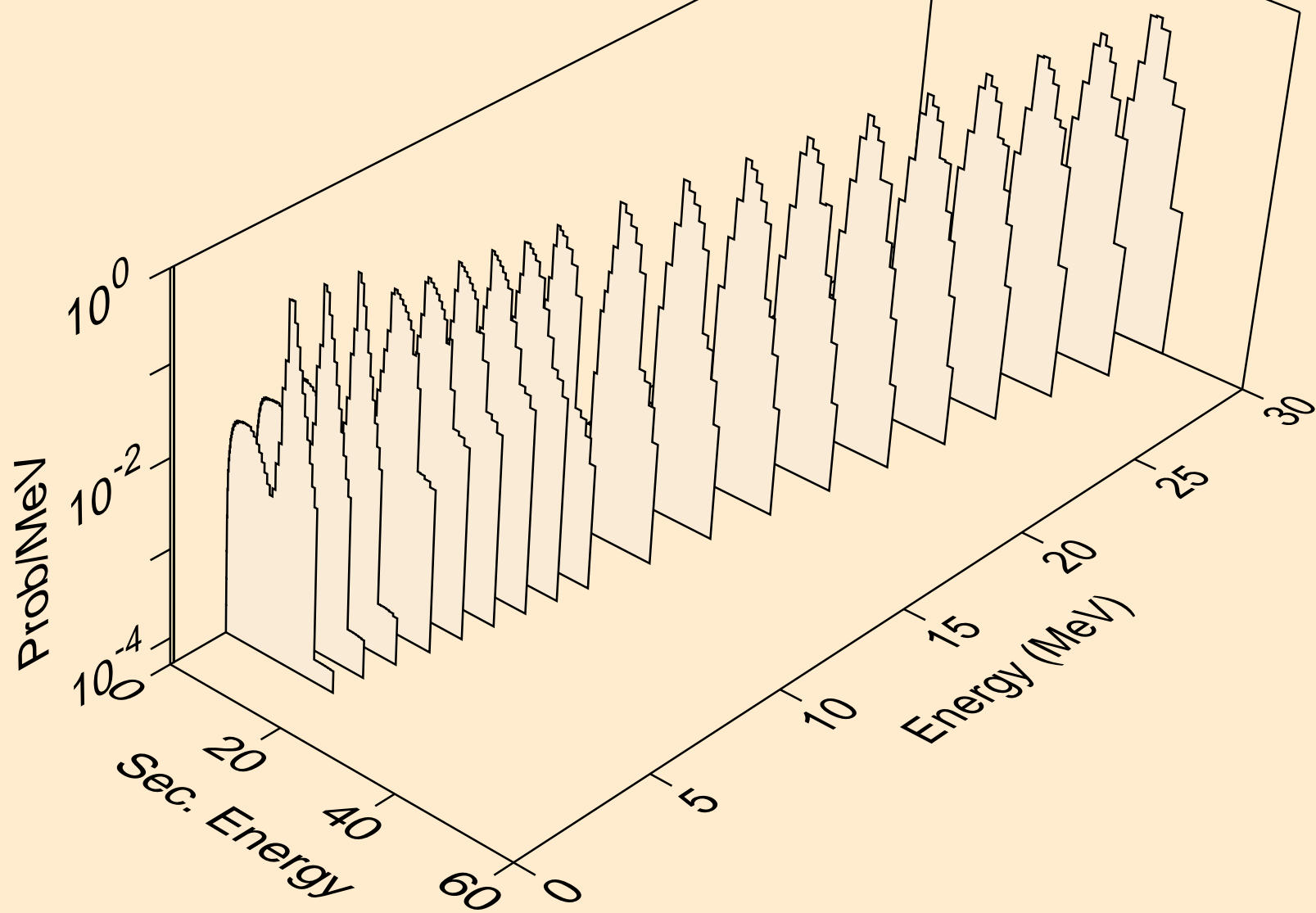
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Recoil Heating



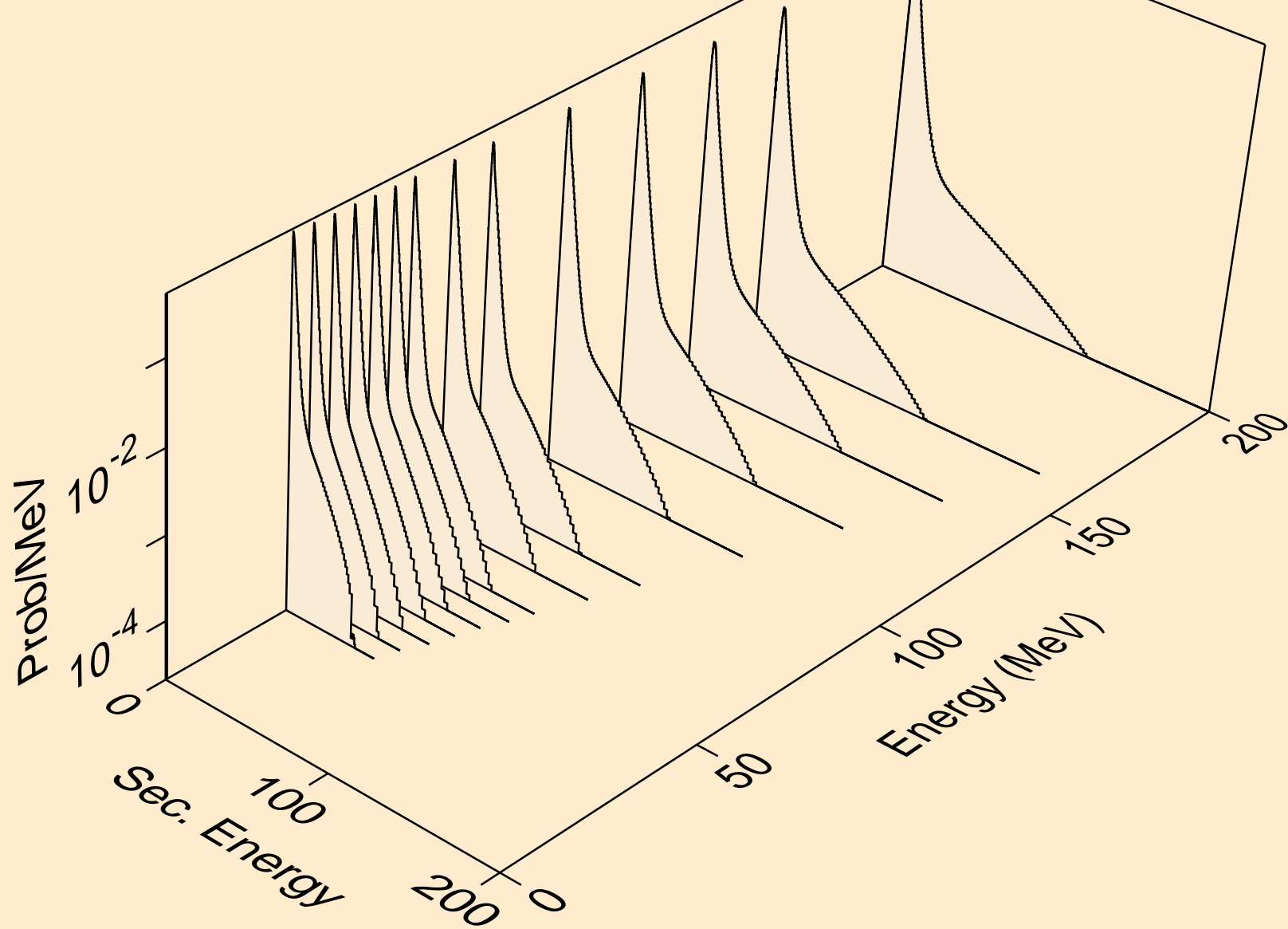
FE064 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



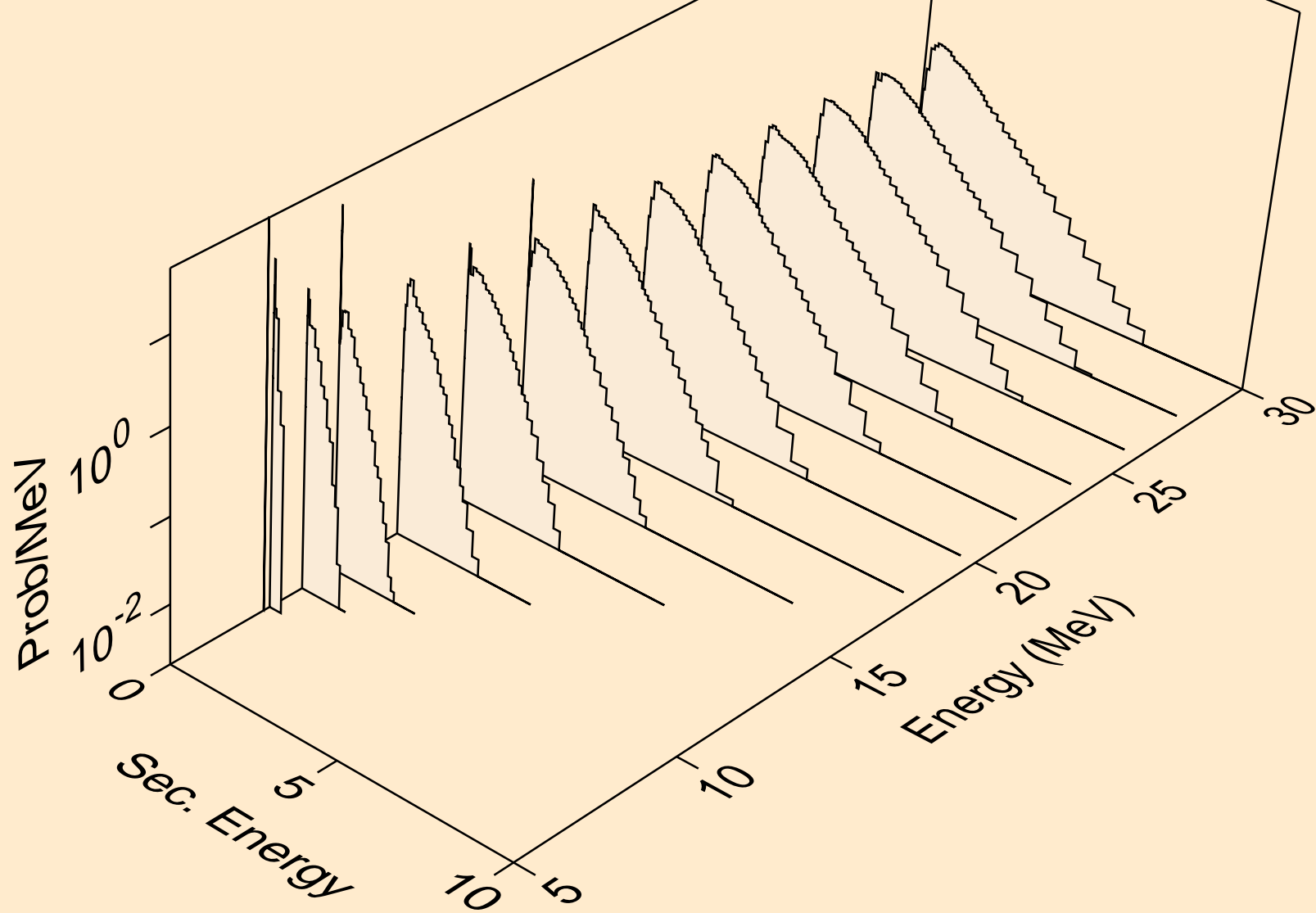
FE064 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n)



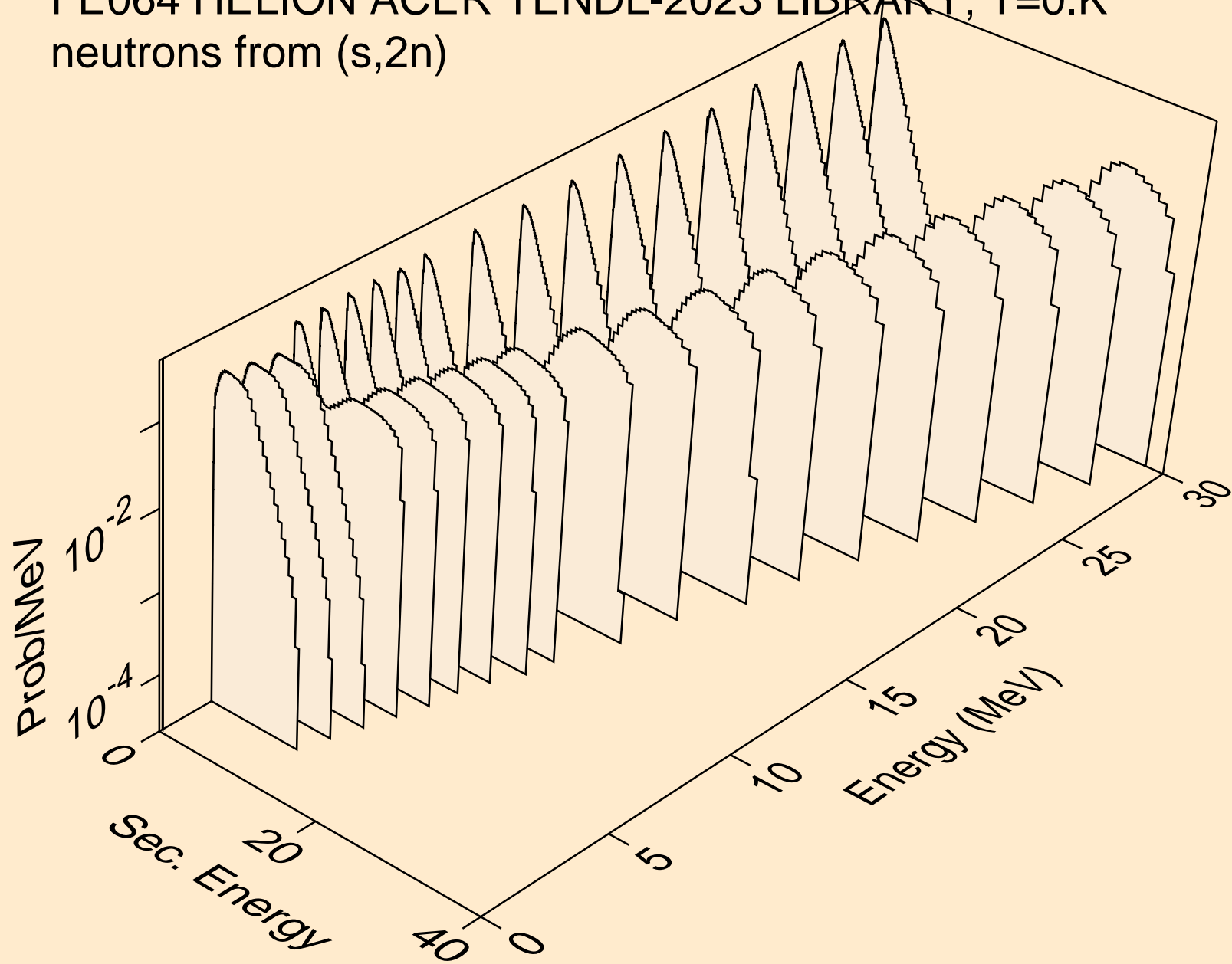
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neutrons from (s,x)



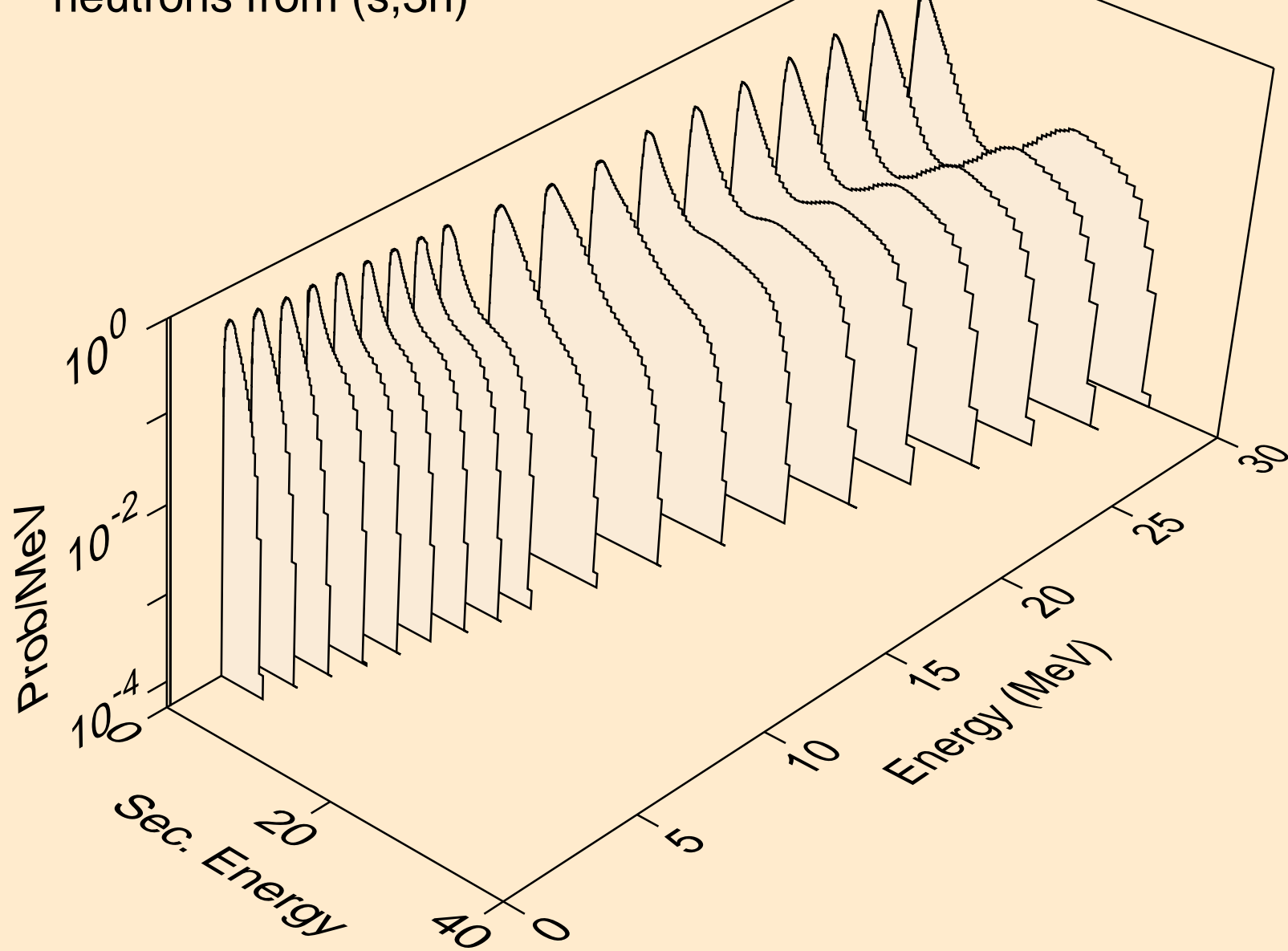
FE064 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2nd)



FE064 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)

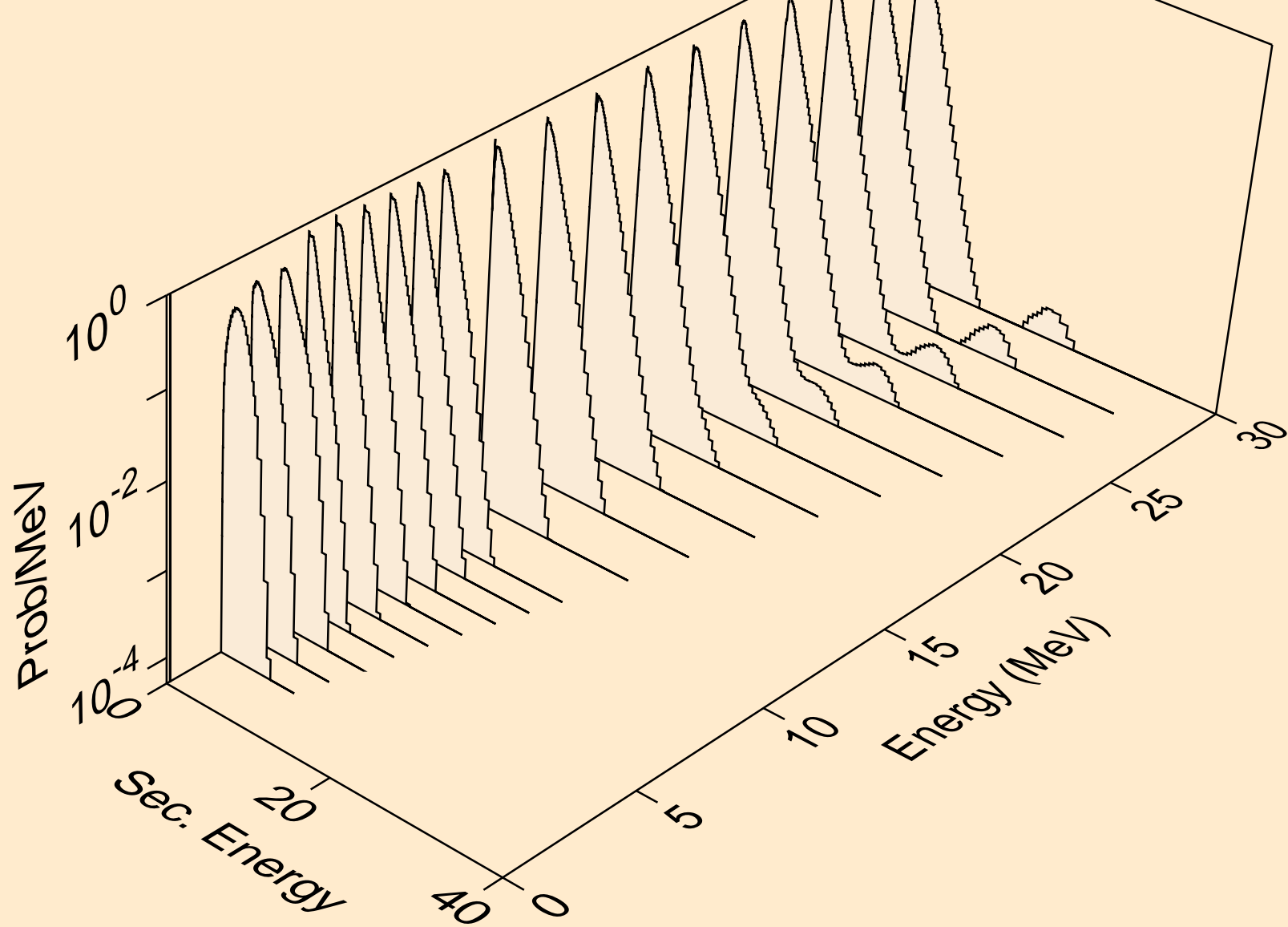


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neutrons from (s,3n)

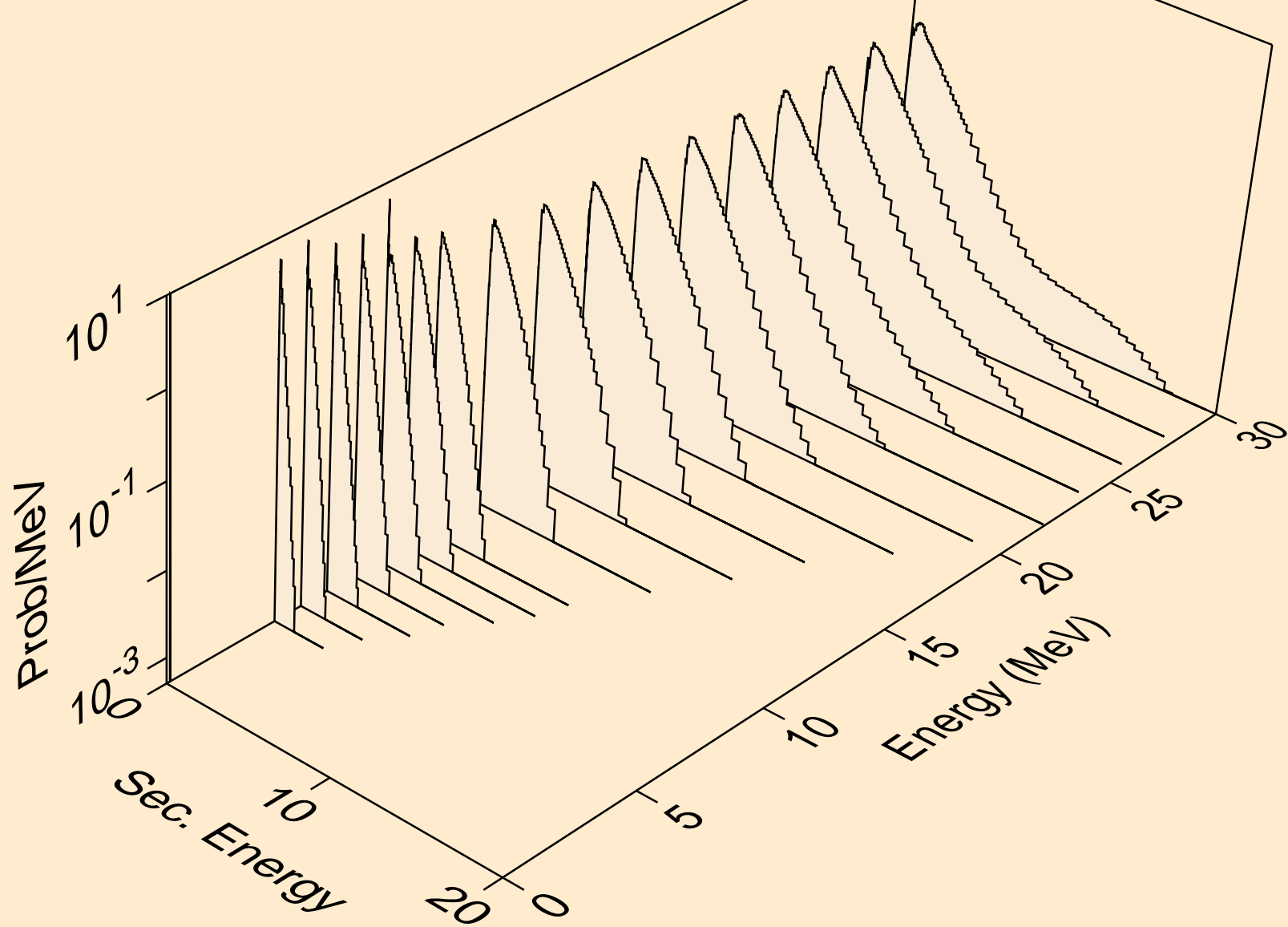




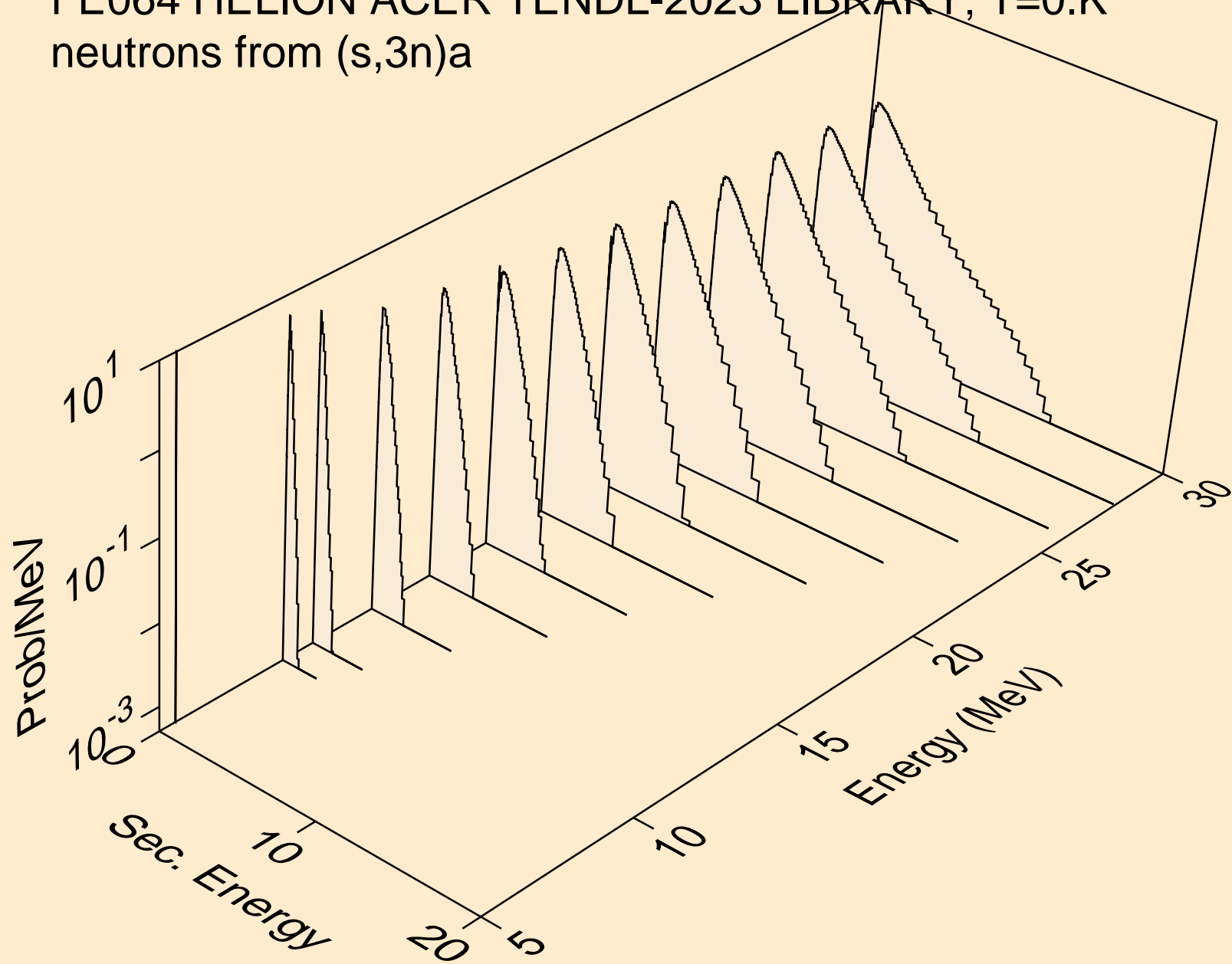
FE064 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)a



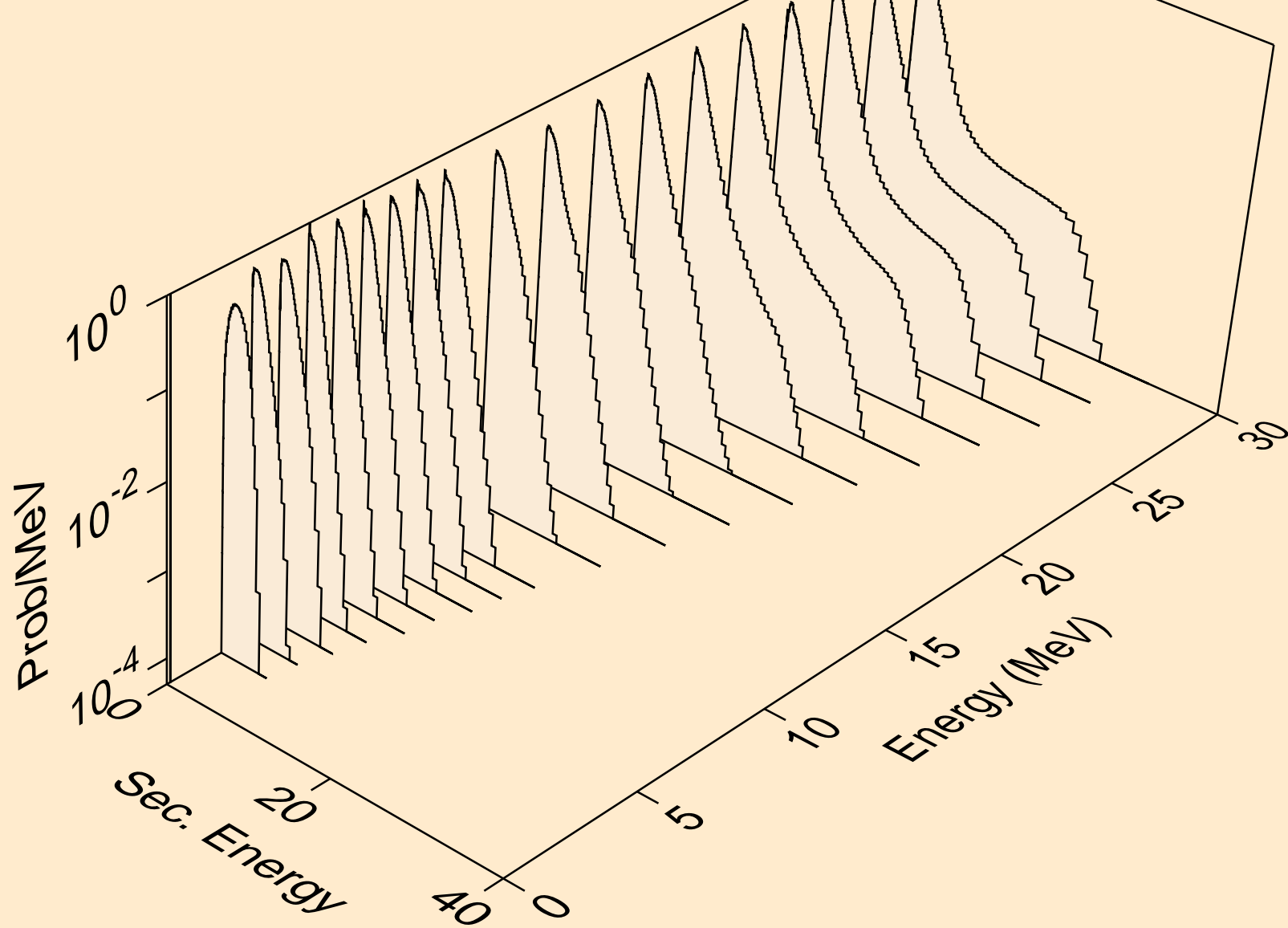
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neutrons from (s,2n)a



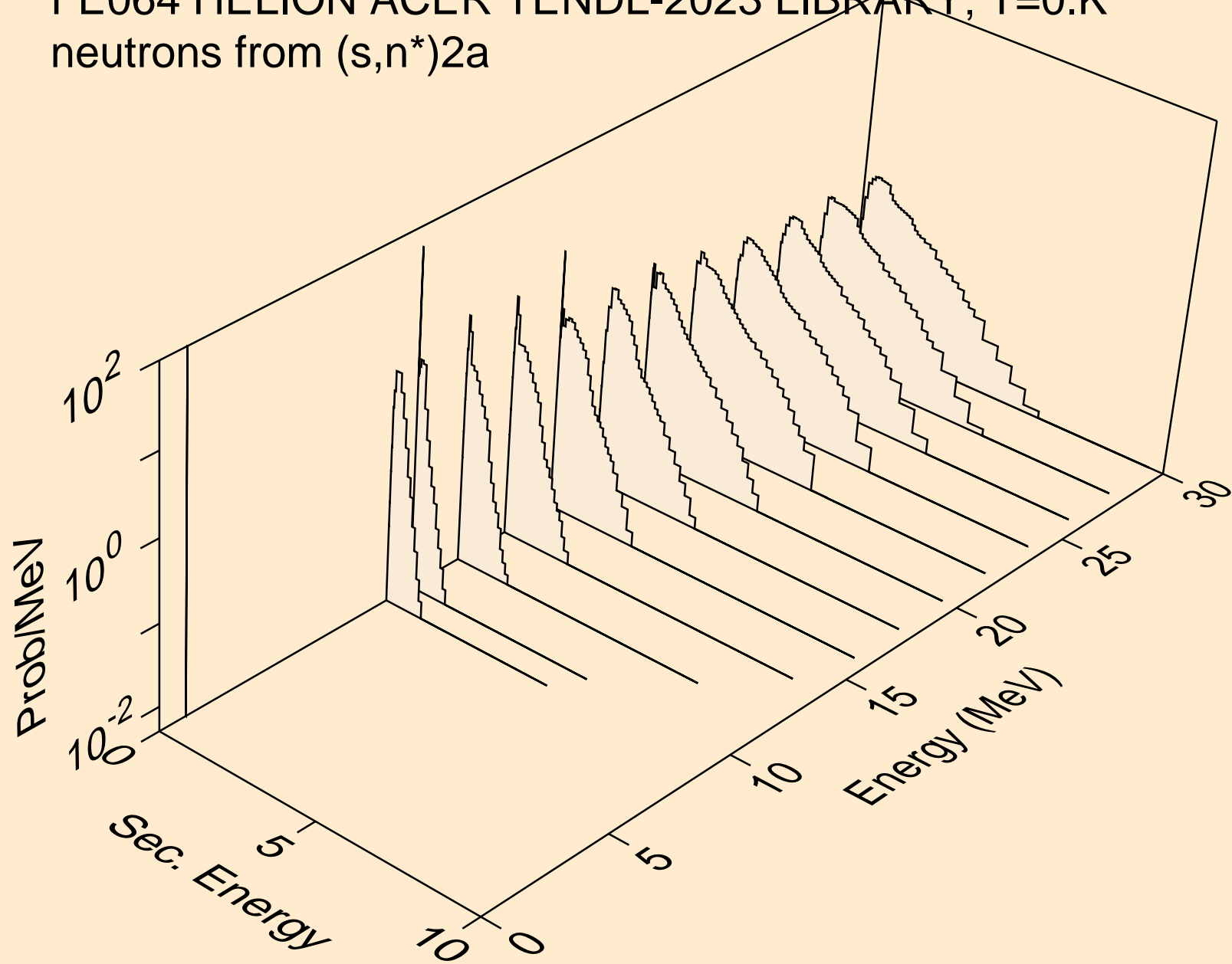
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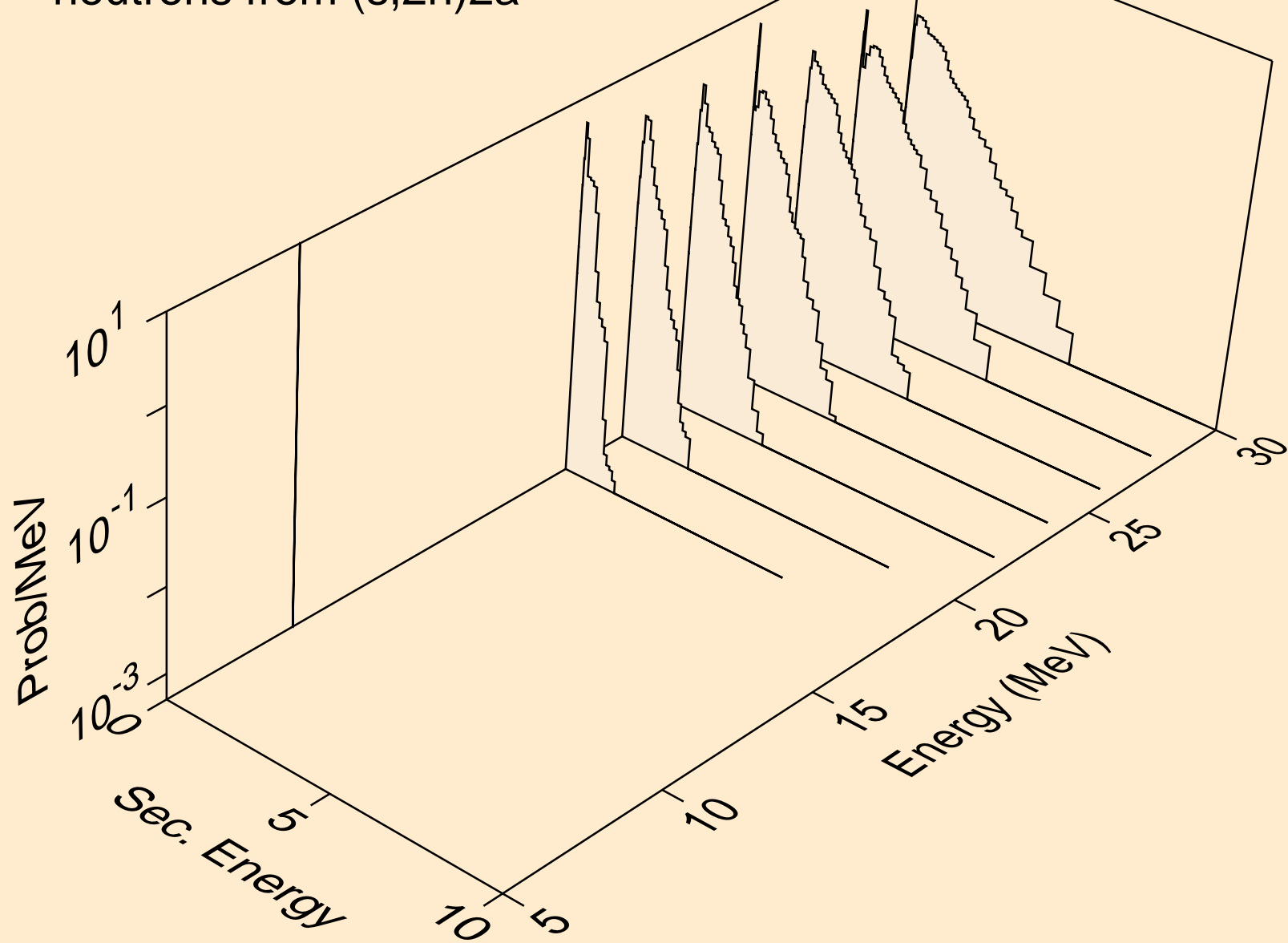
FE064 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)p



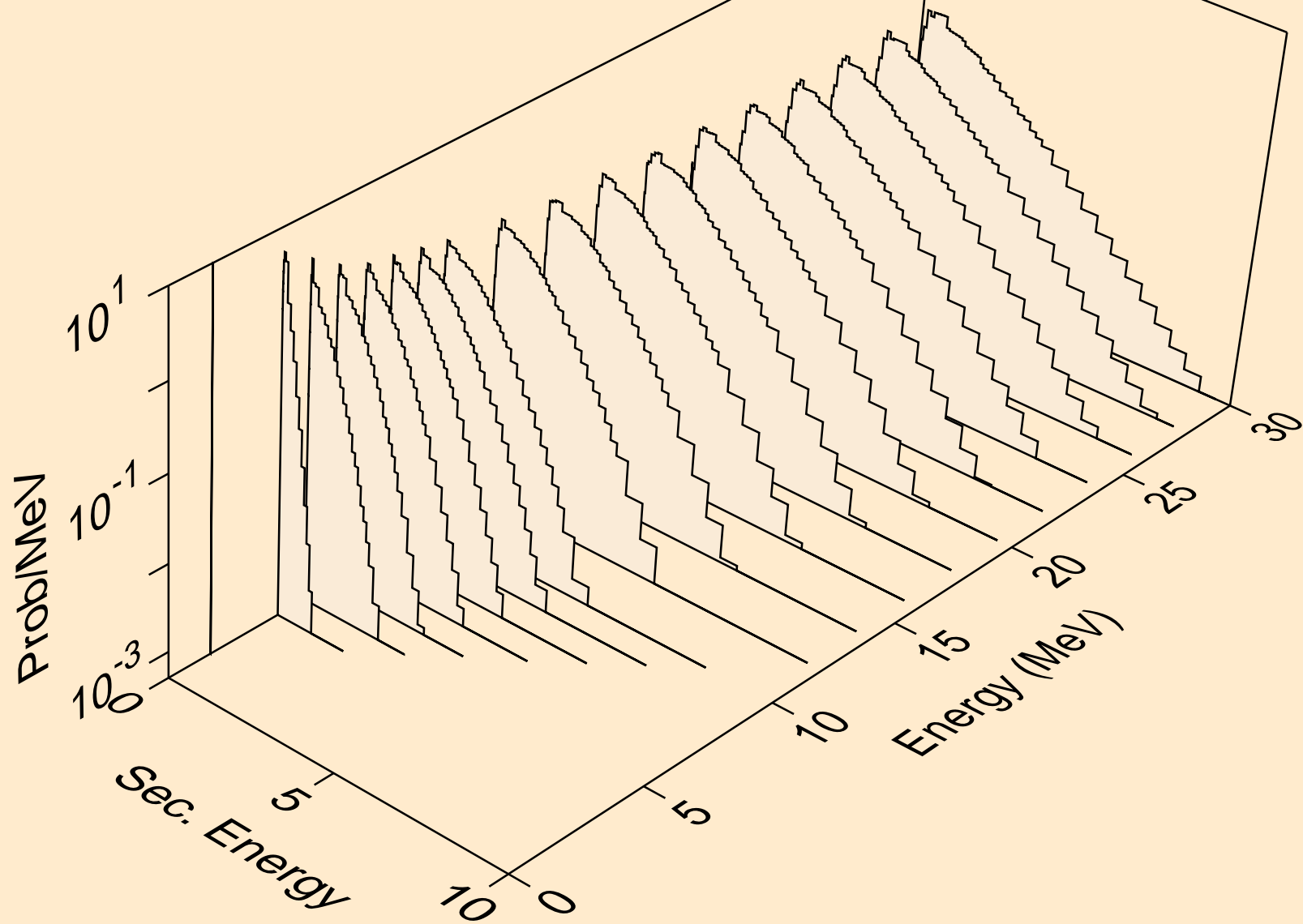
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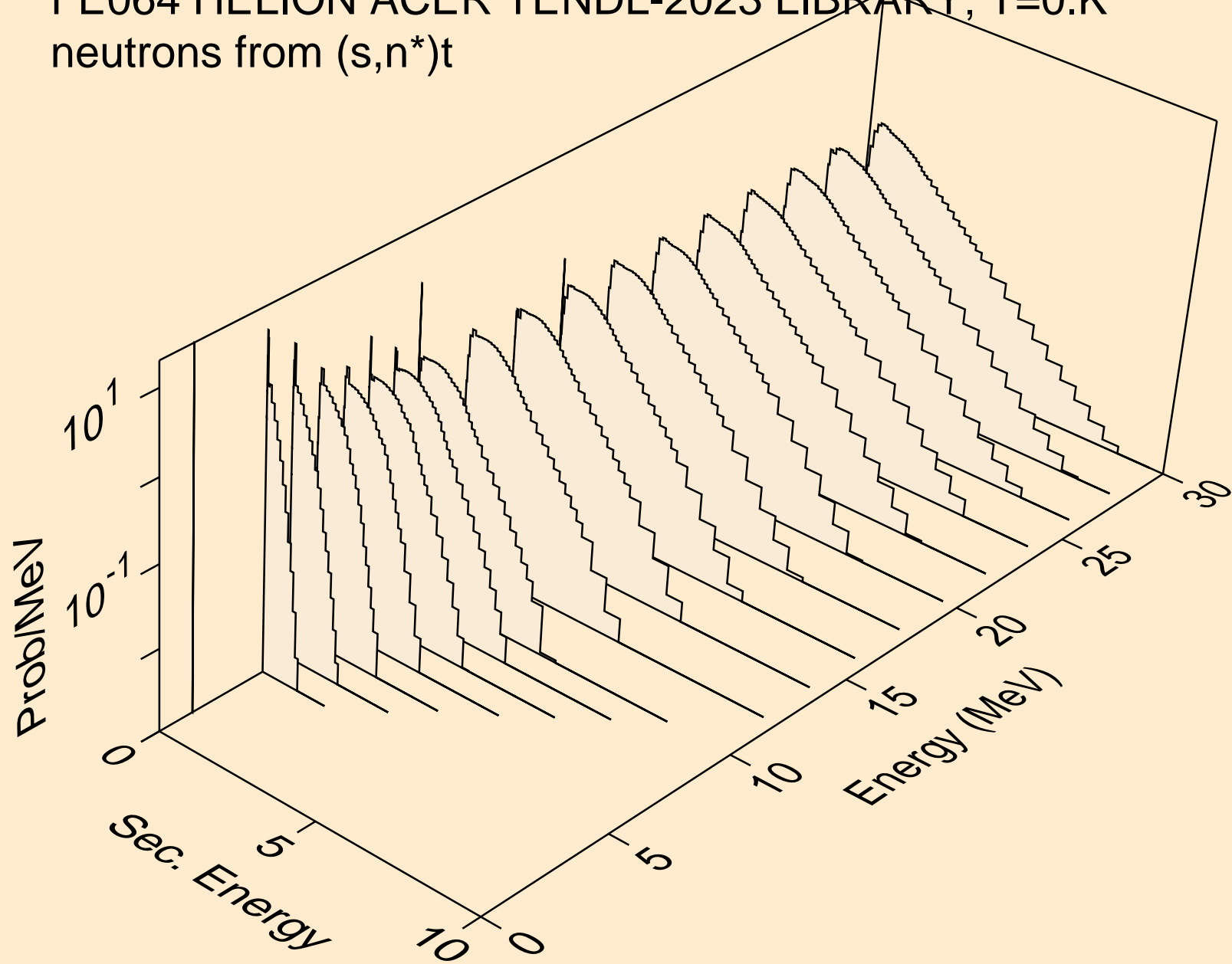
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neutrons from (s,2n)2a



FE064 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)d

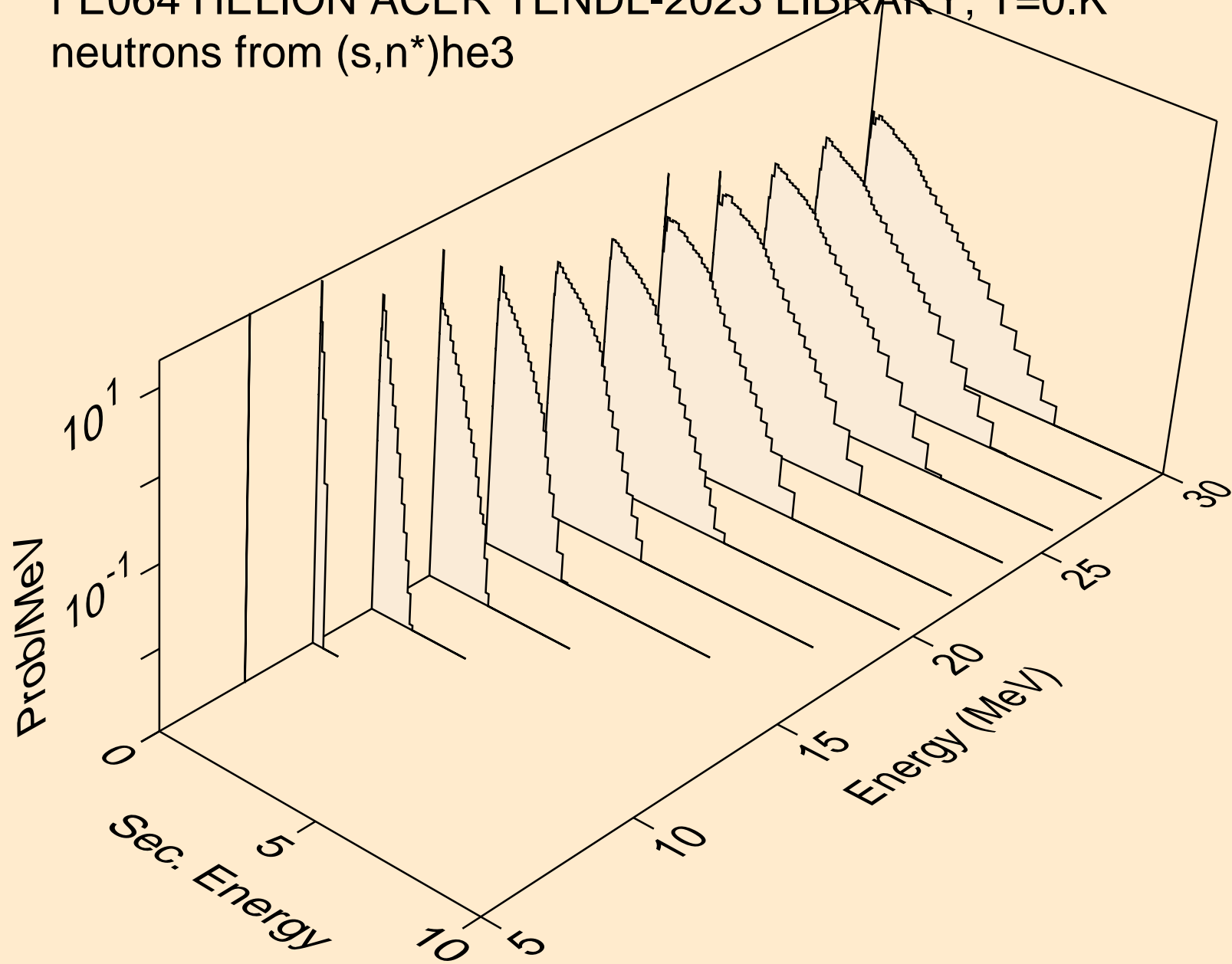


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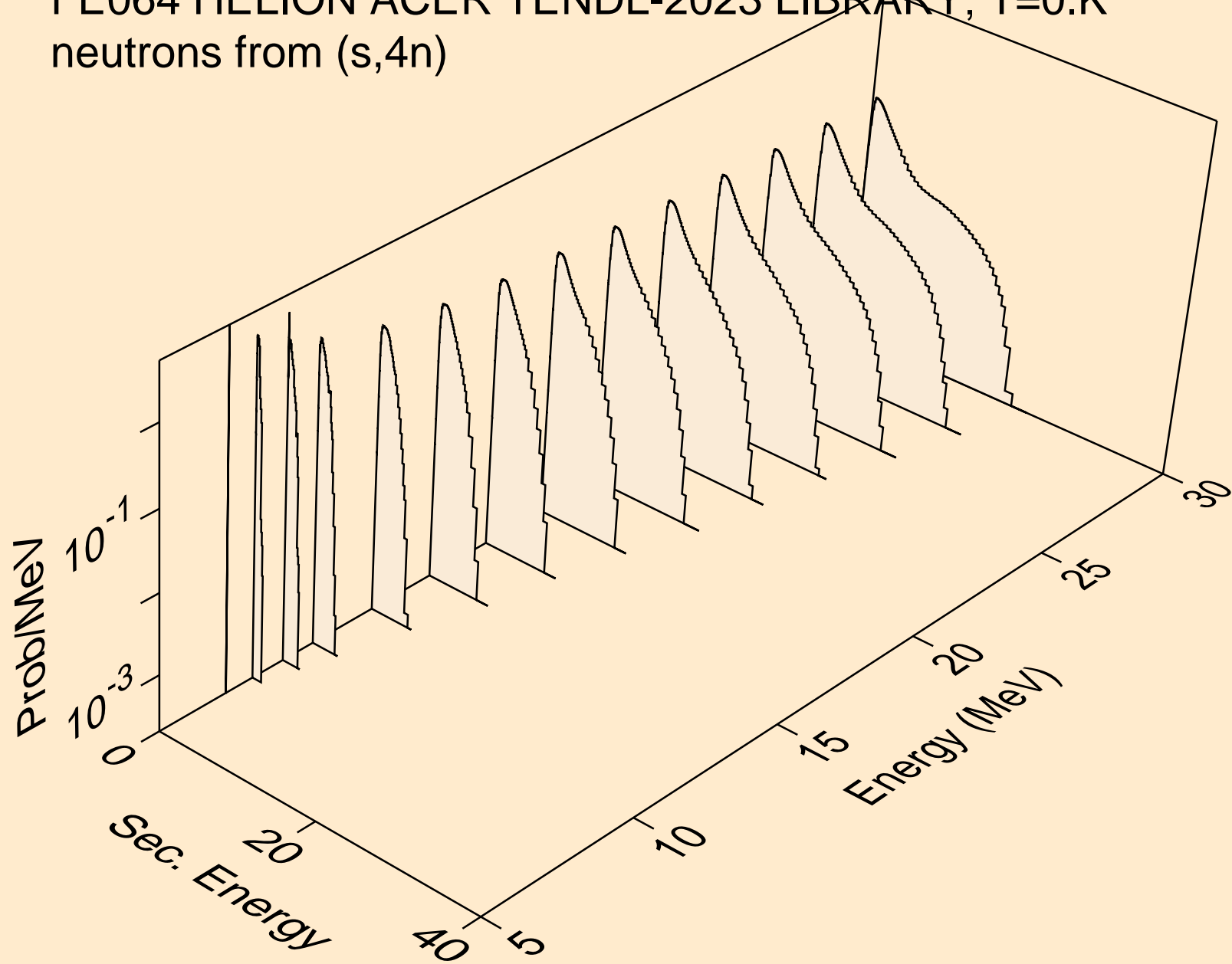




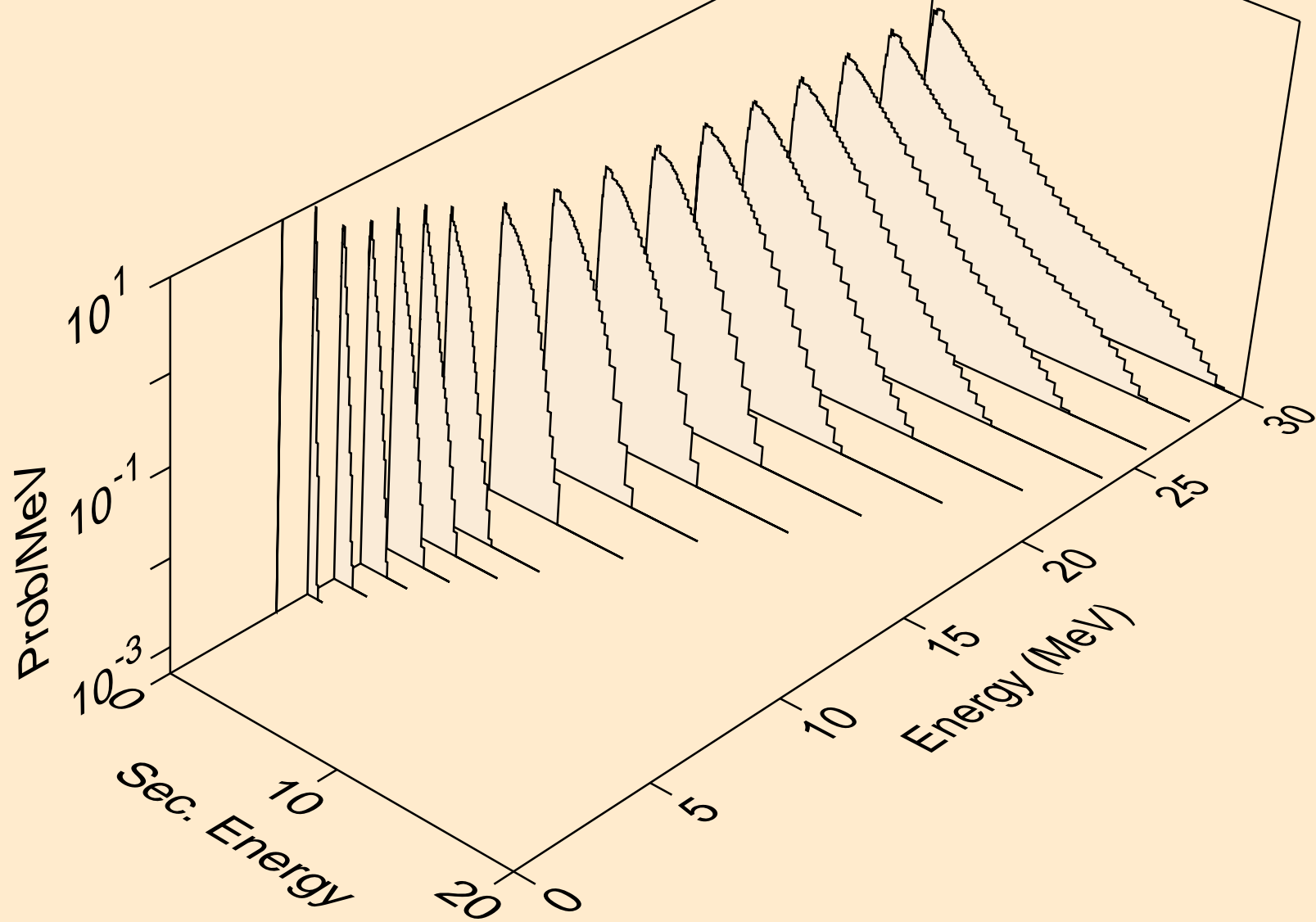
FE064 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



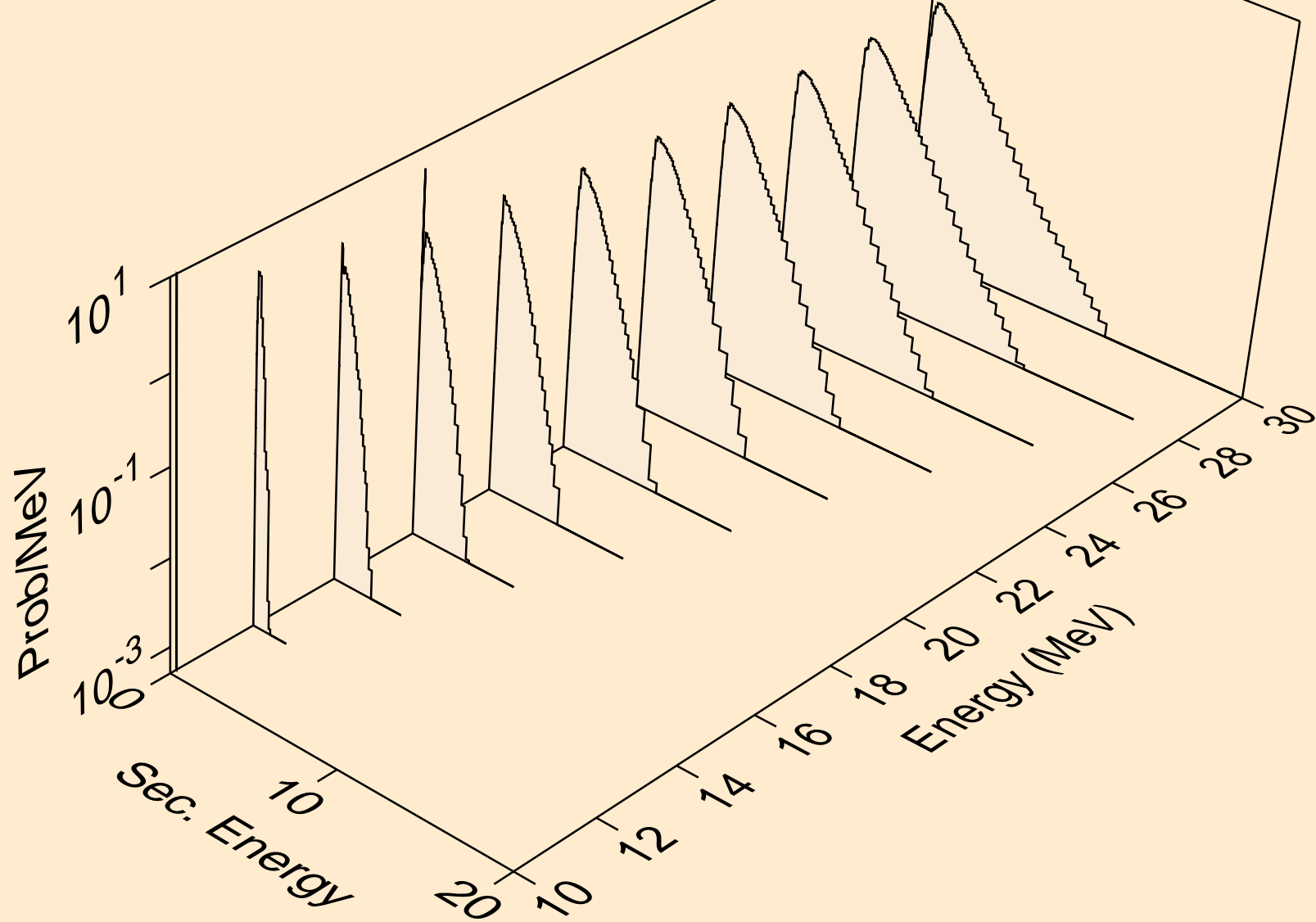
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neutrons from (s,4n)



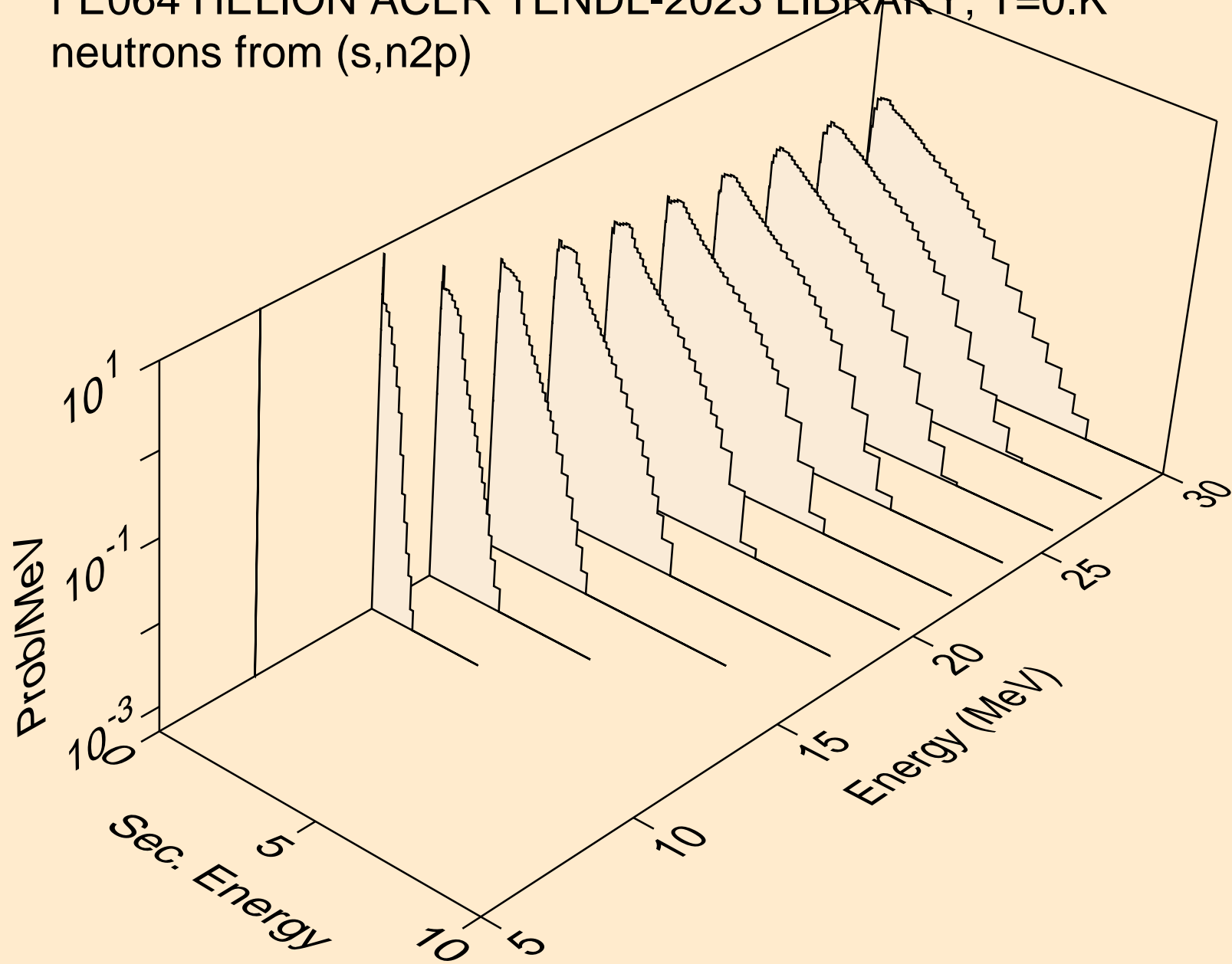
FE064 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2np)



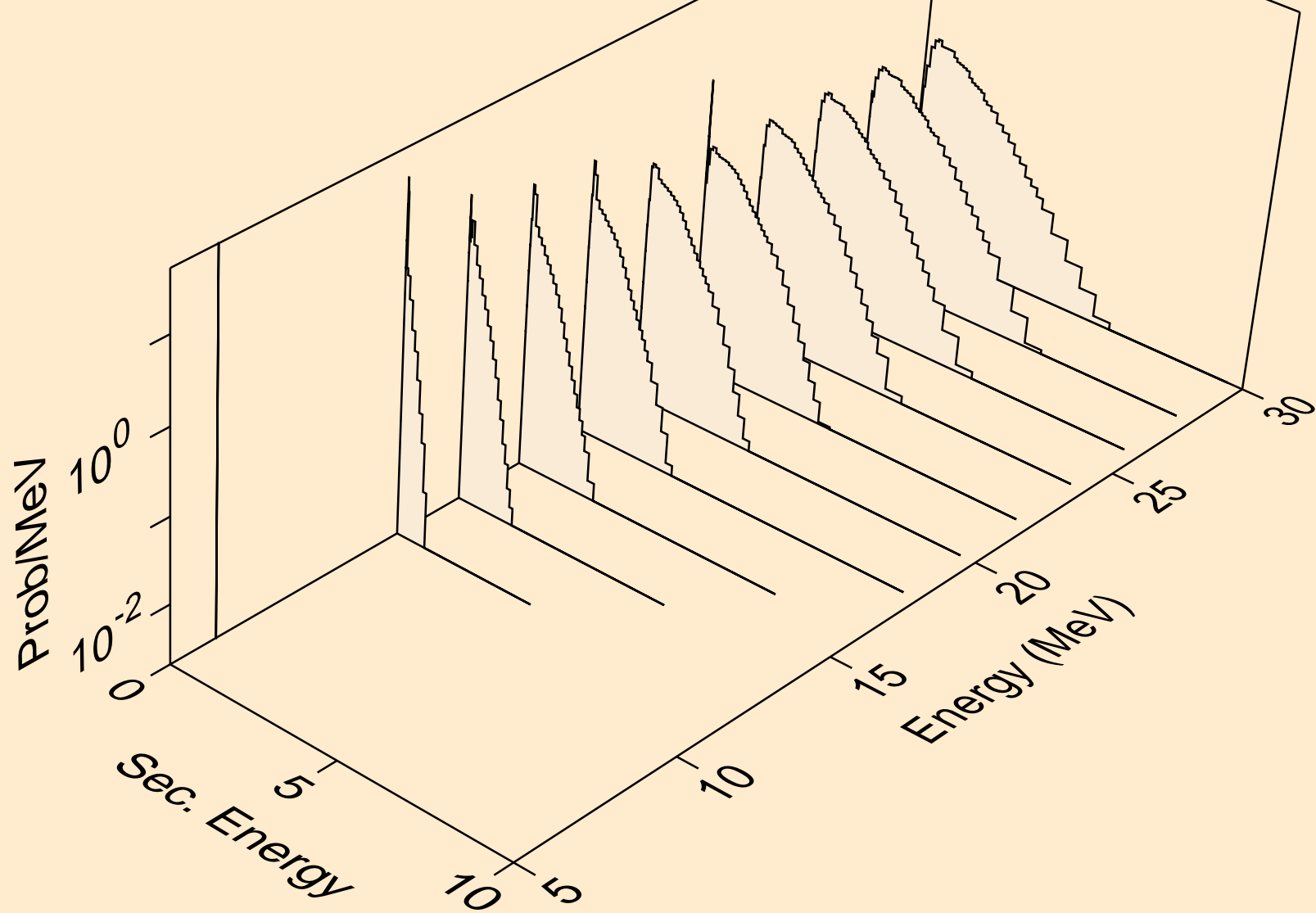
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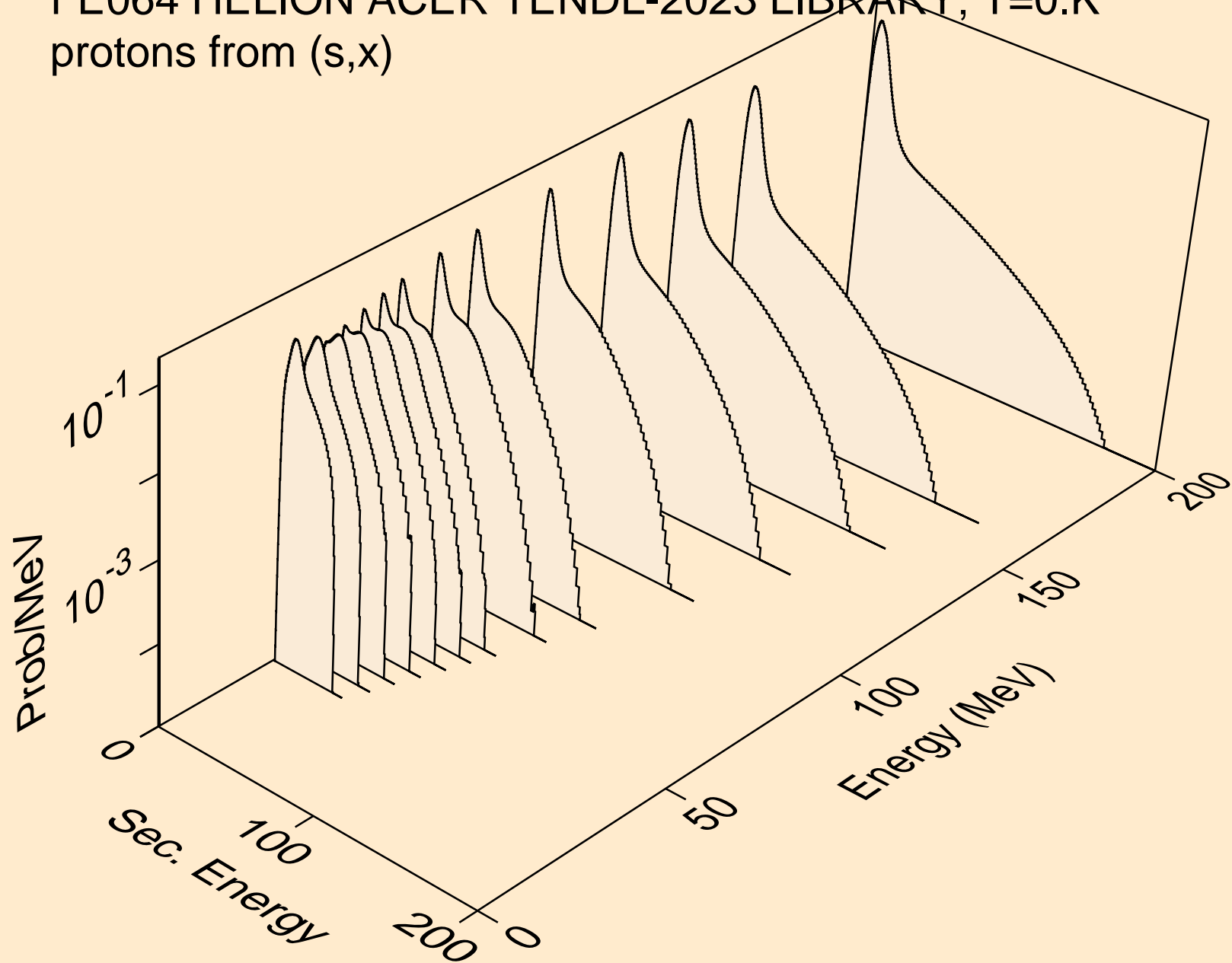
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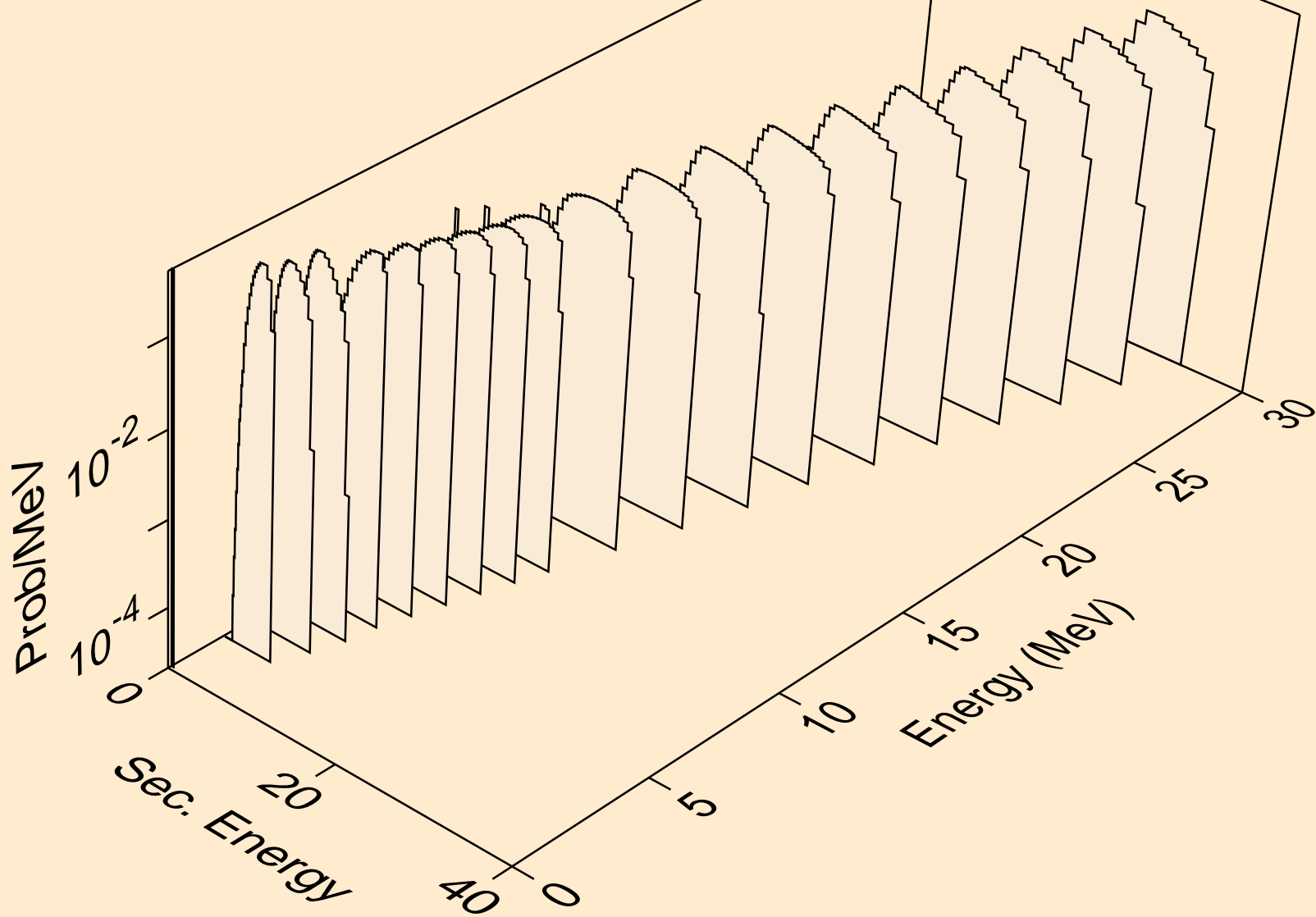
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neutrons from (s,npa)



FE064 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,x)

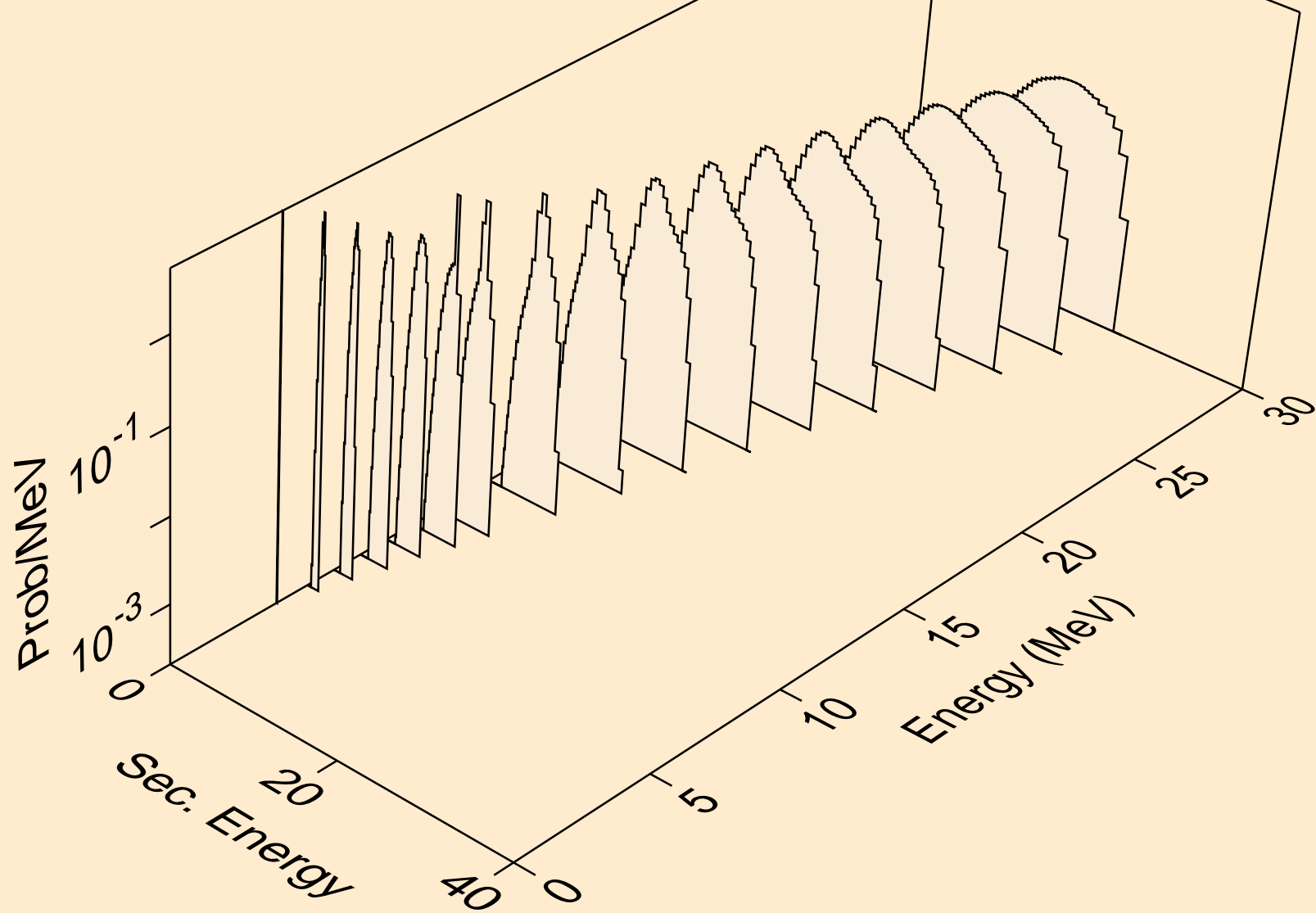


FE064 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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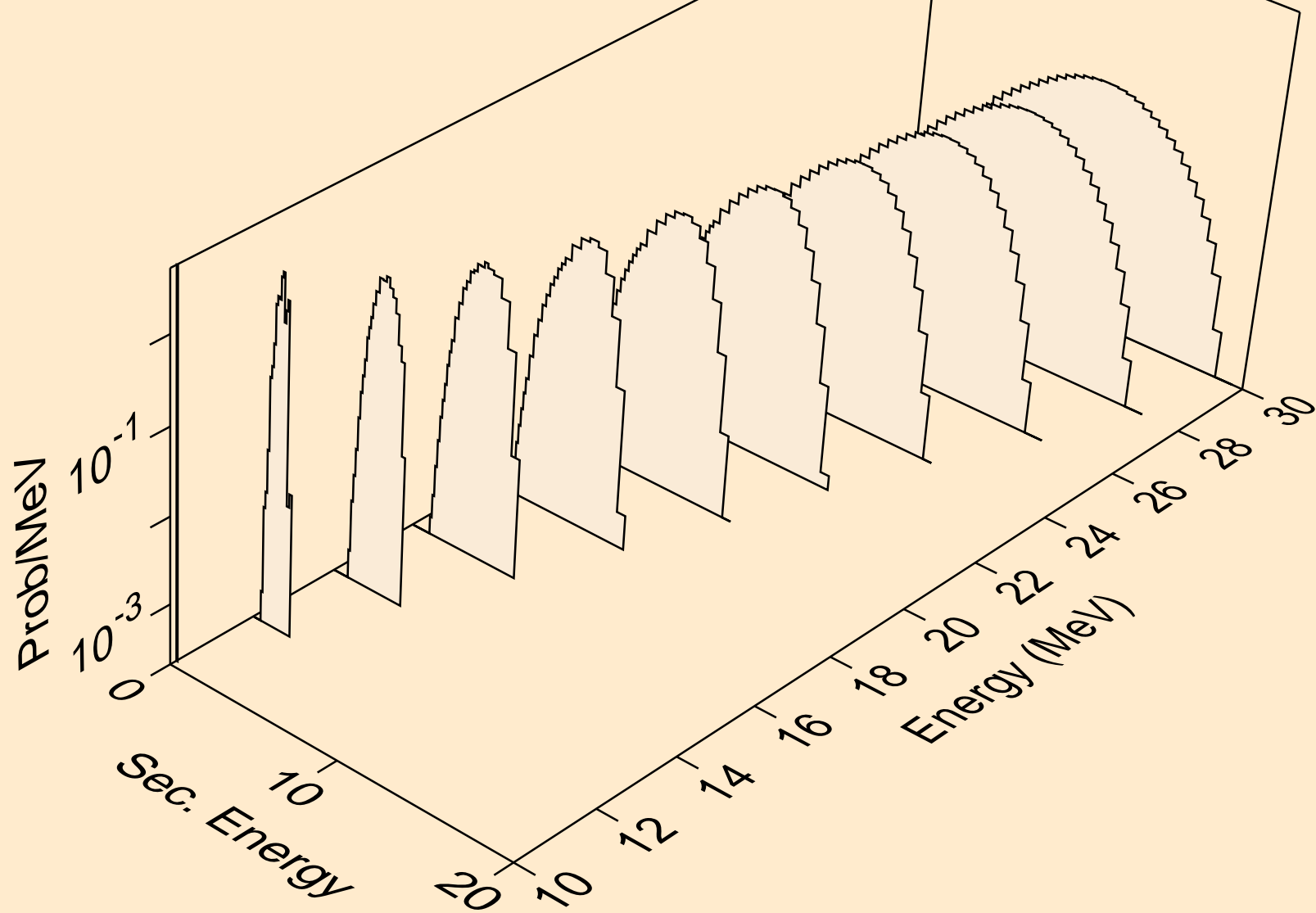




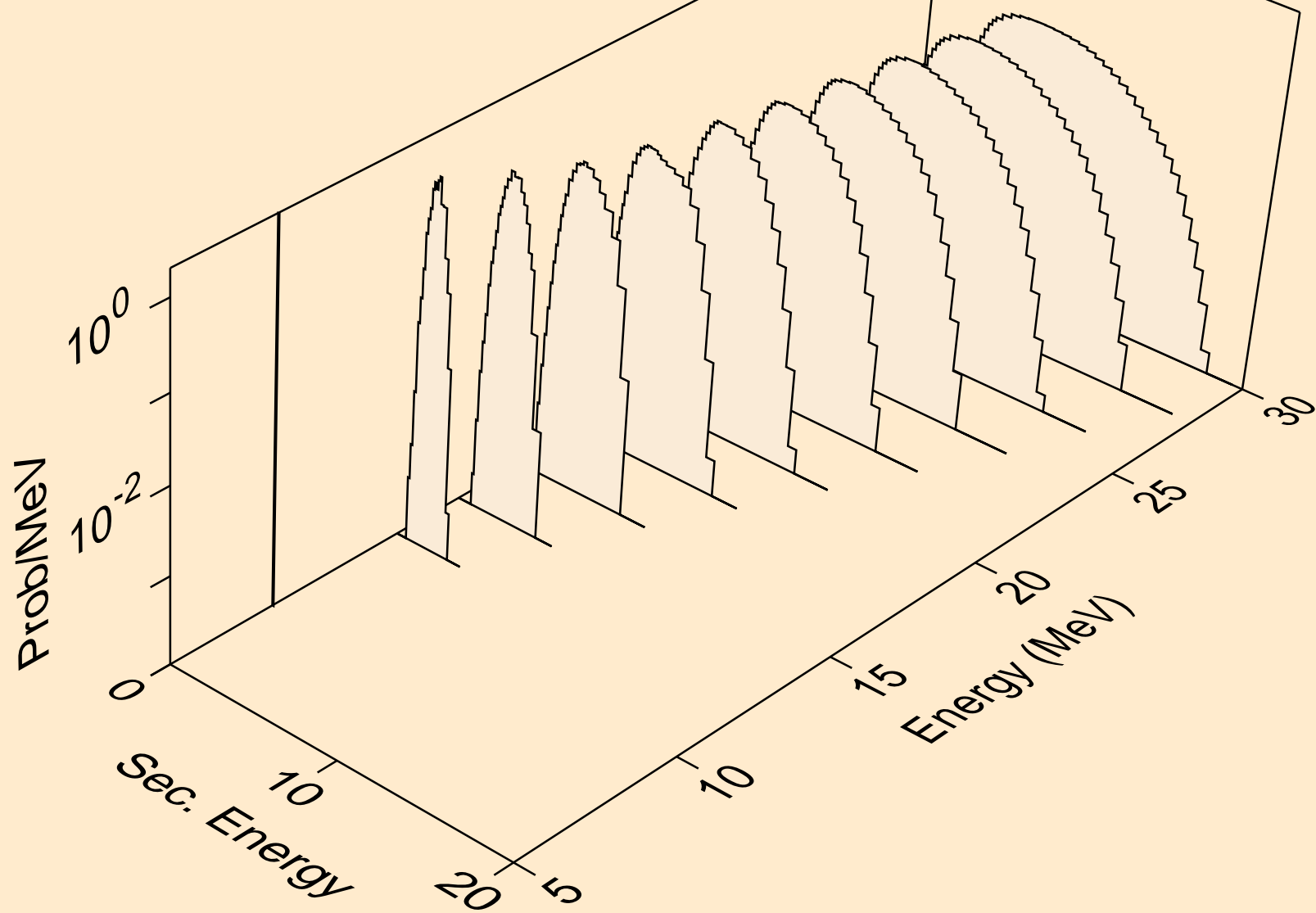
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protons from (s,2np)



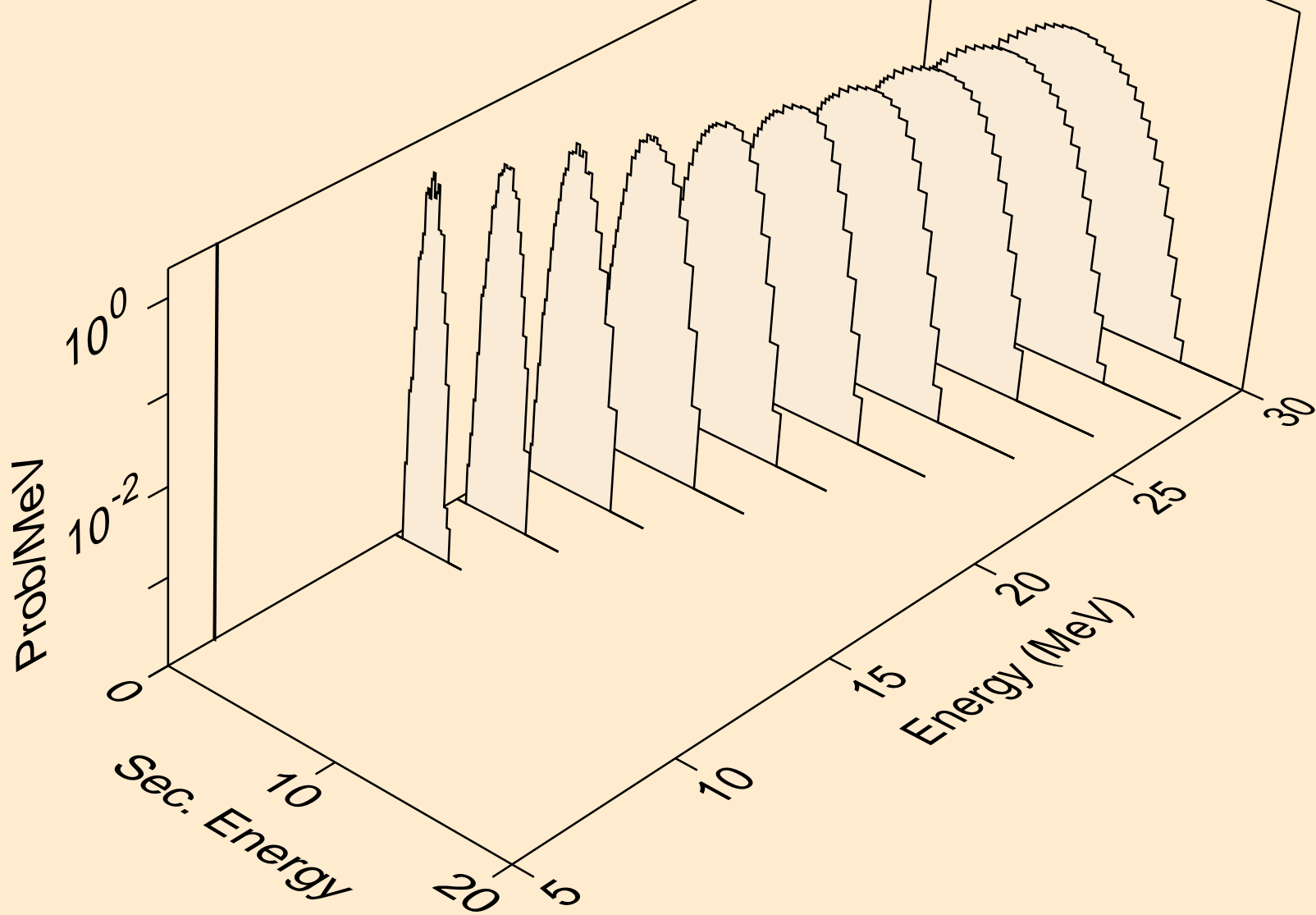
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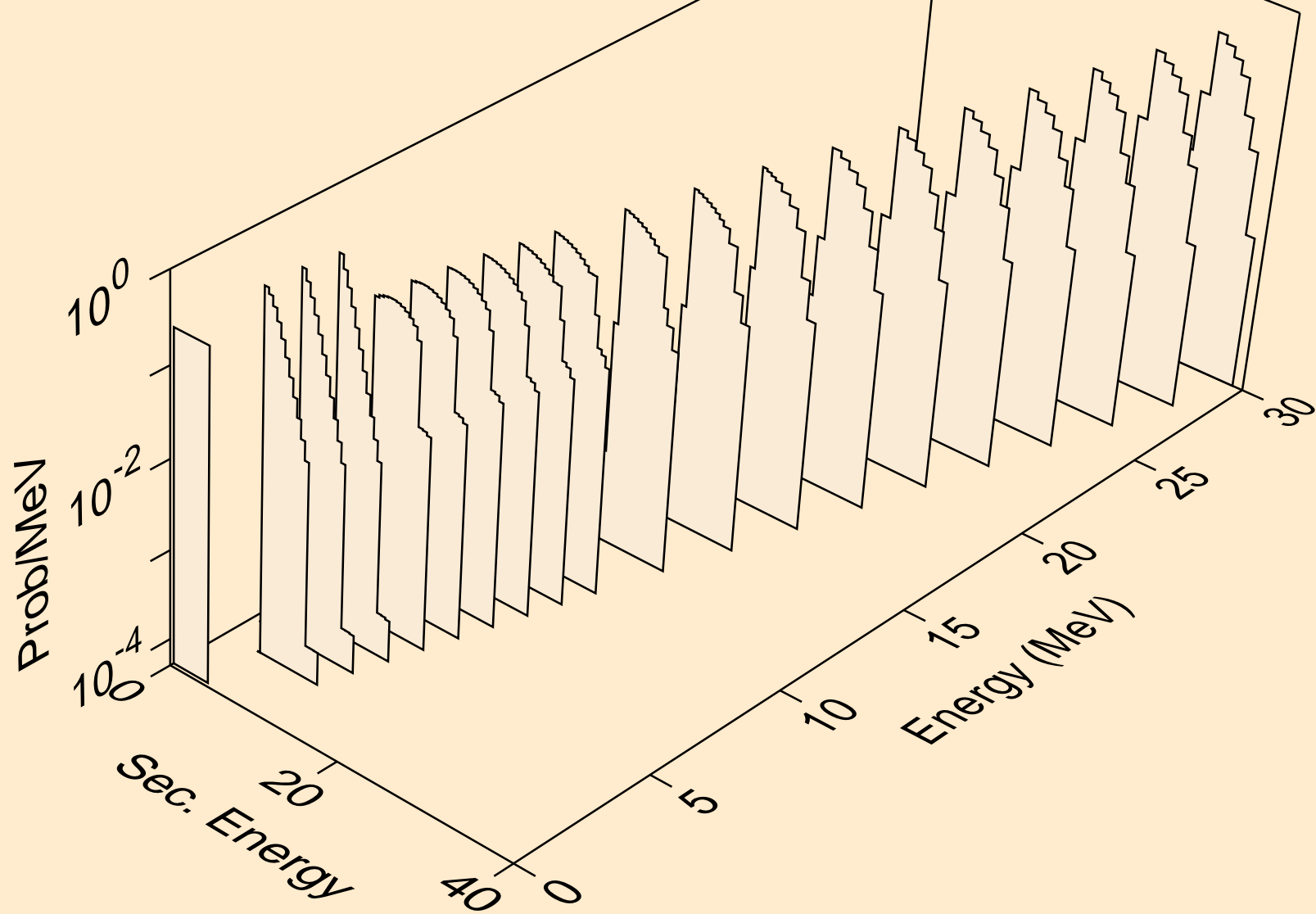
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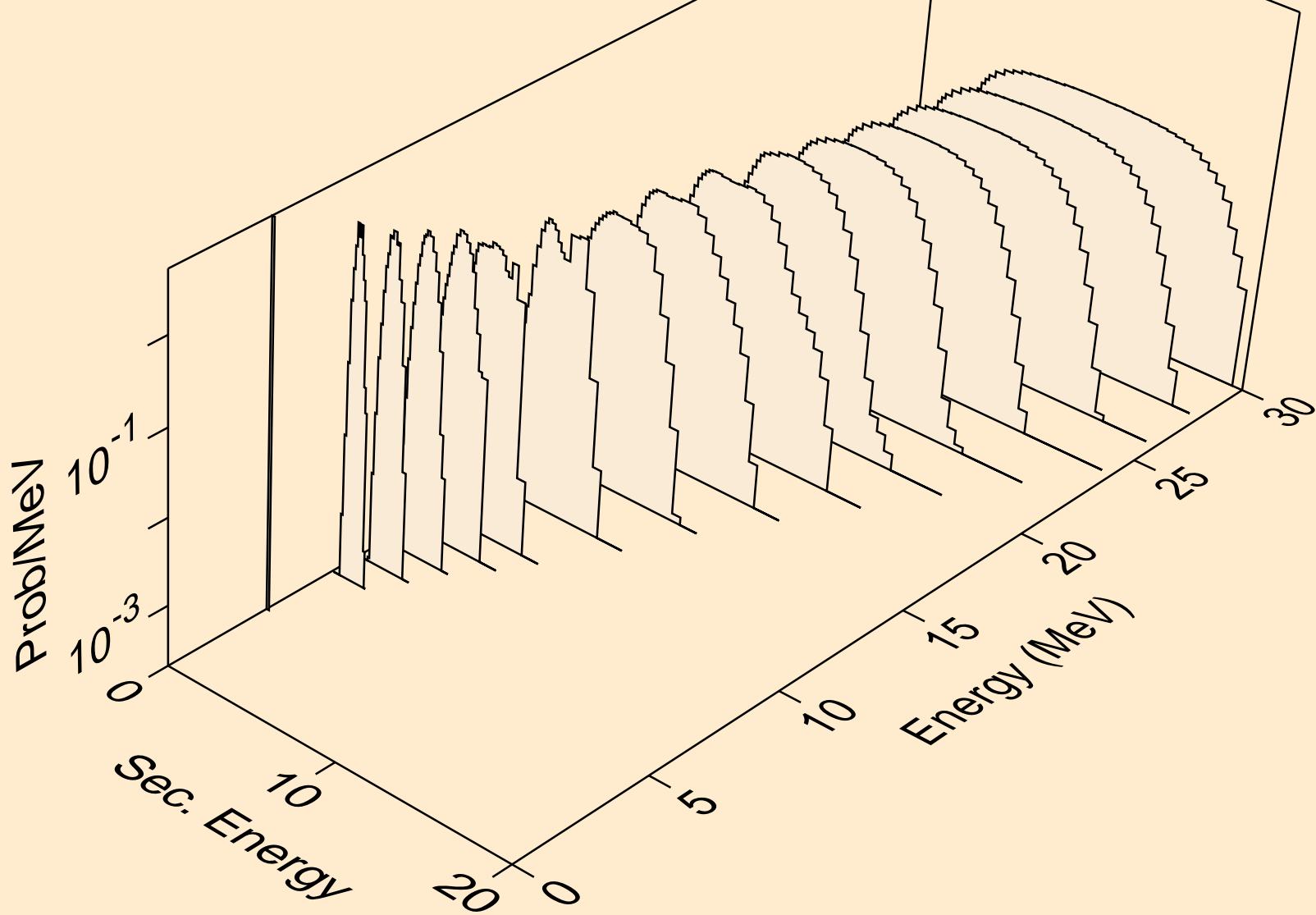
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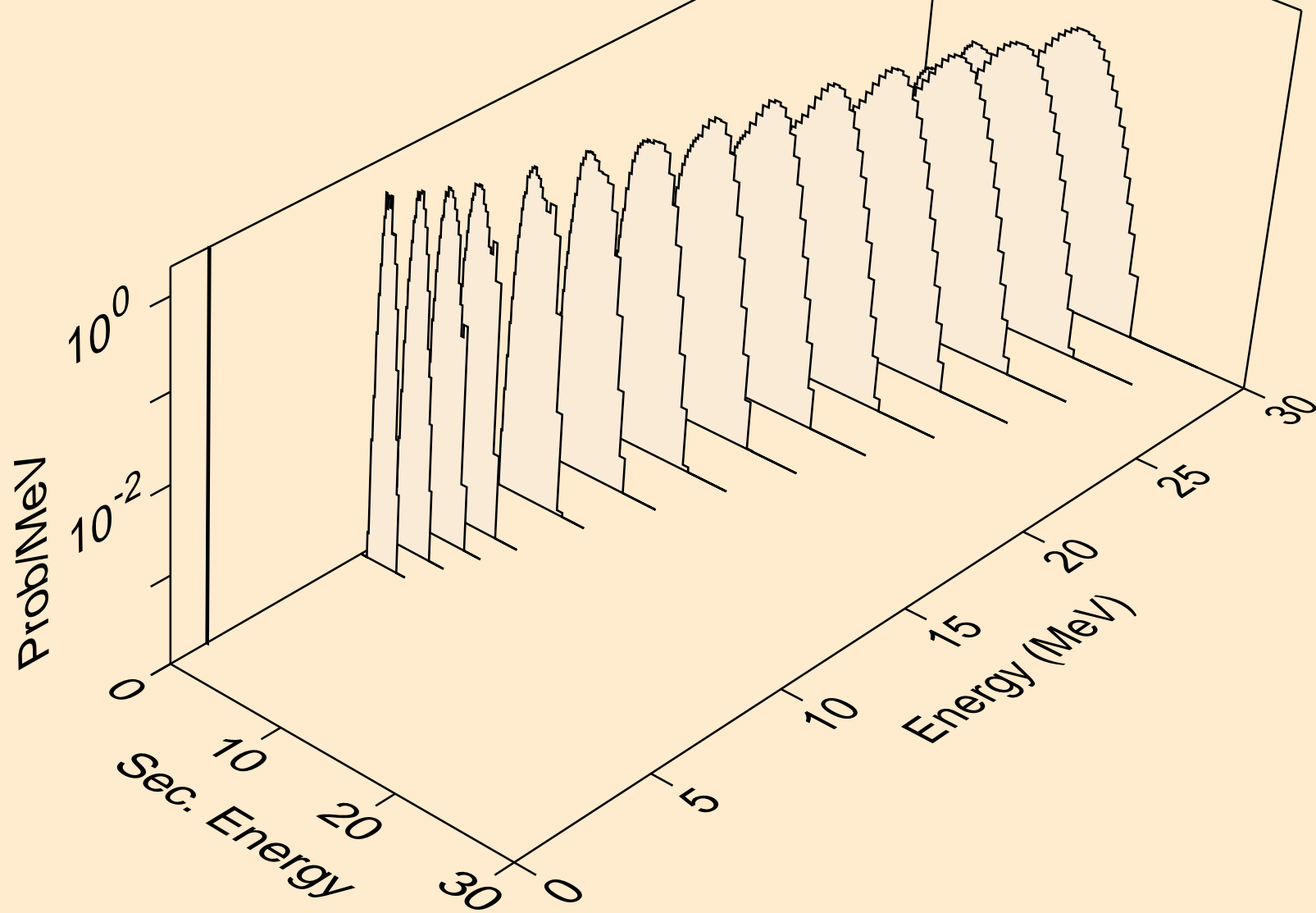
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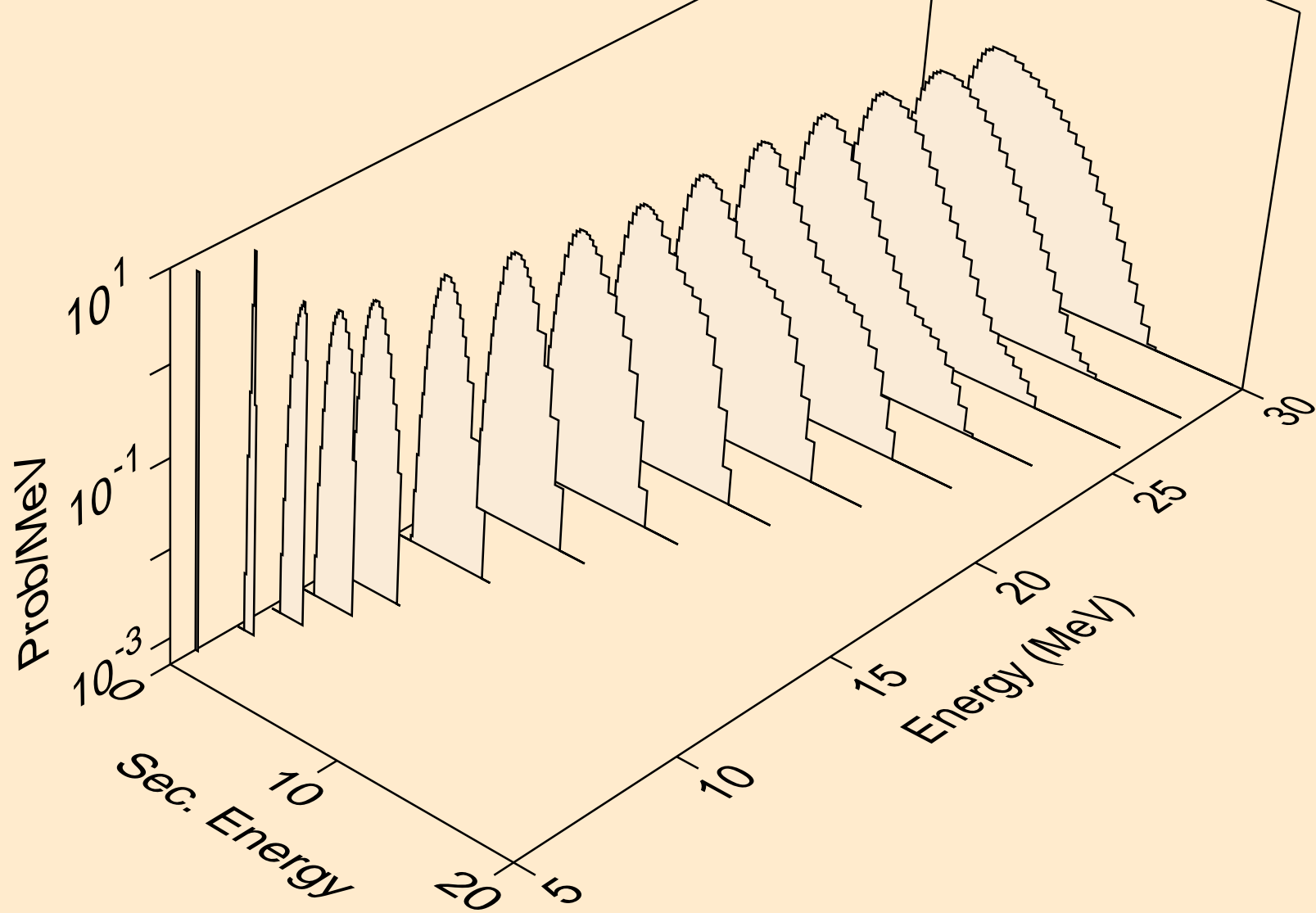
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FE064 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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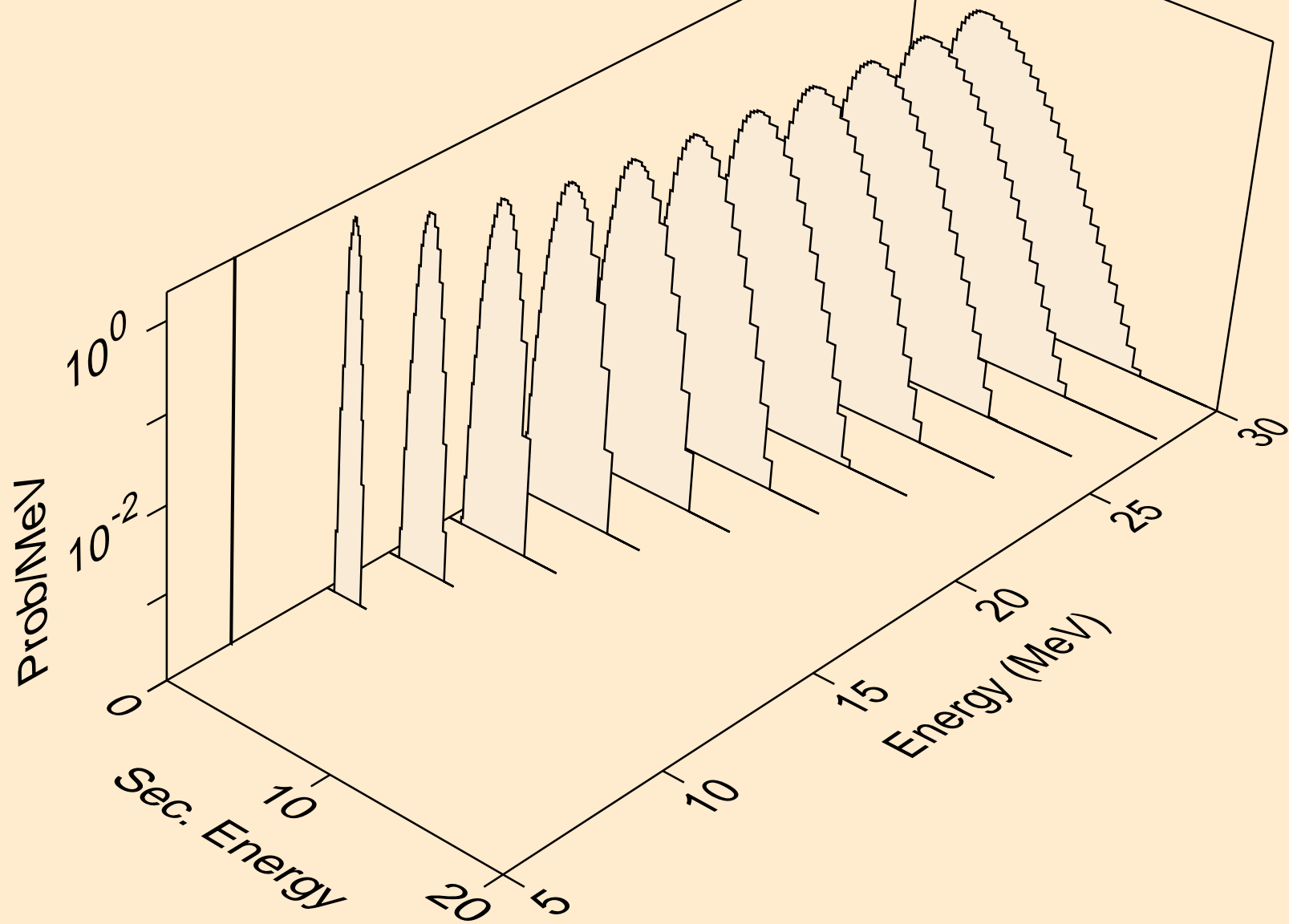


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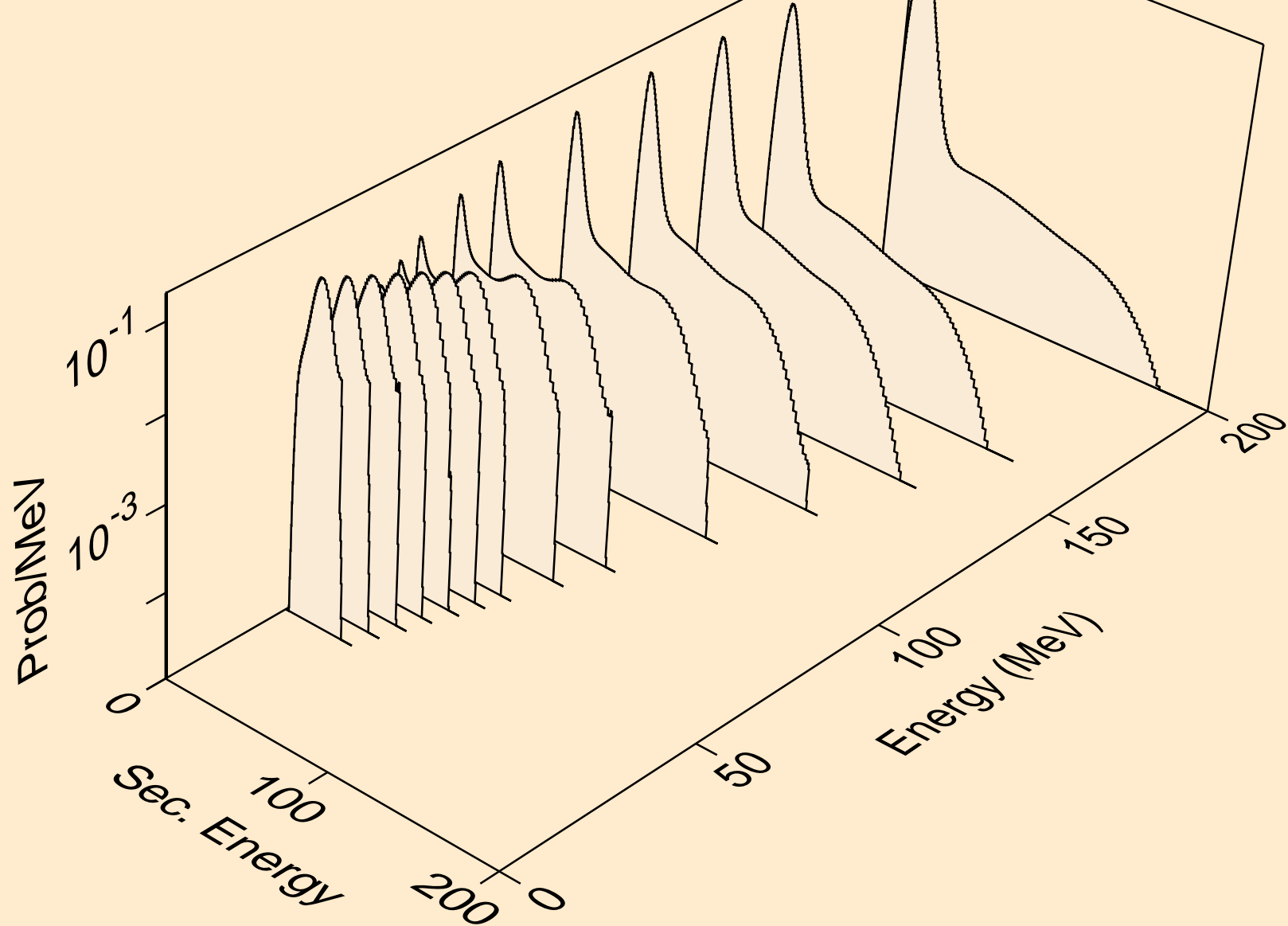




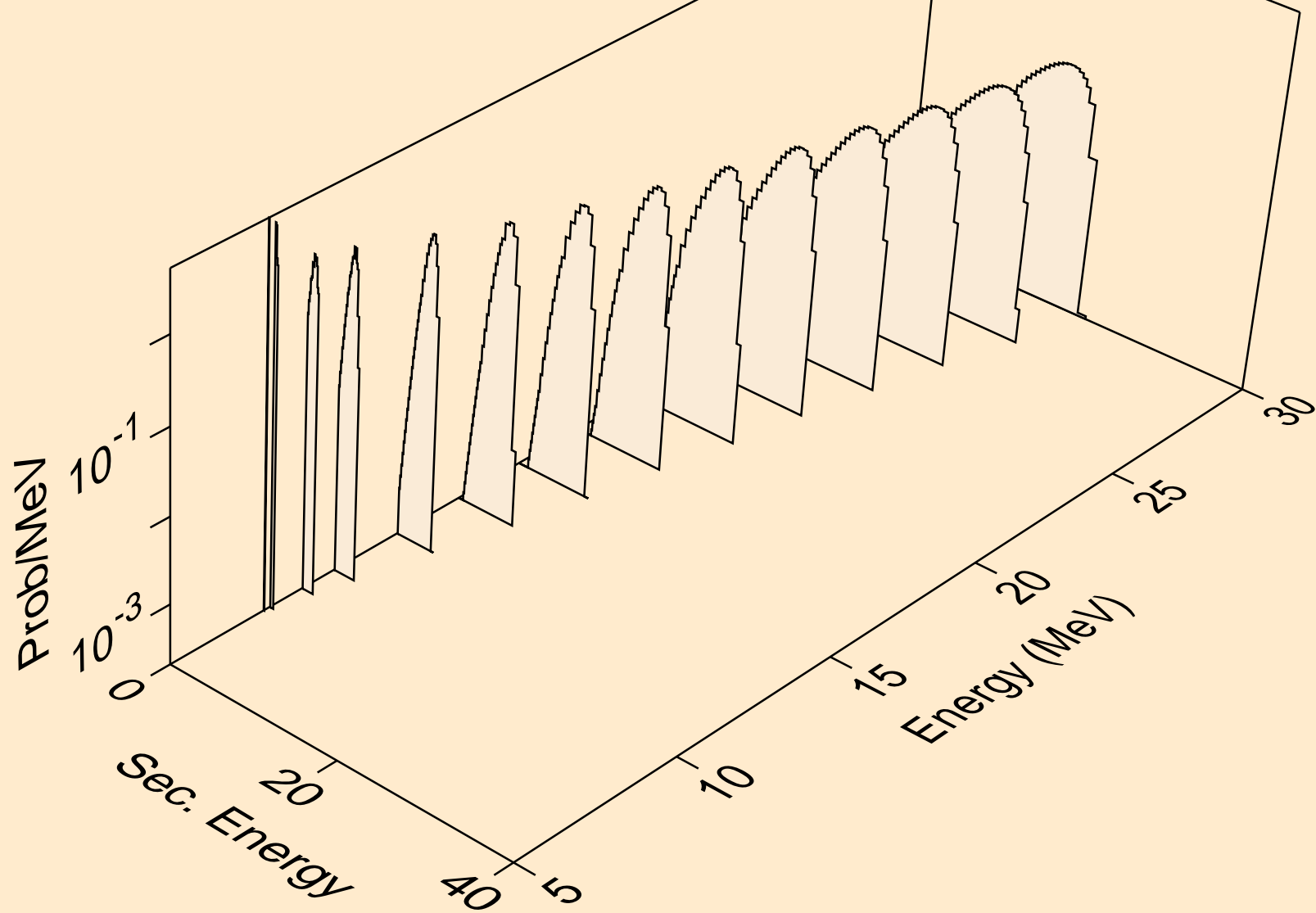
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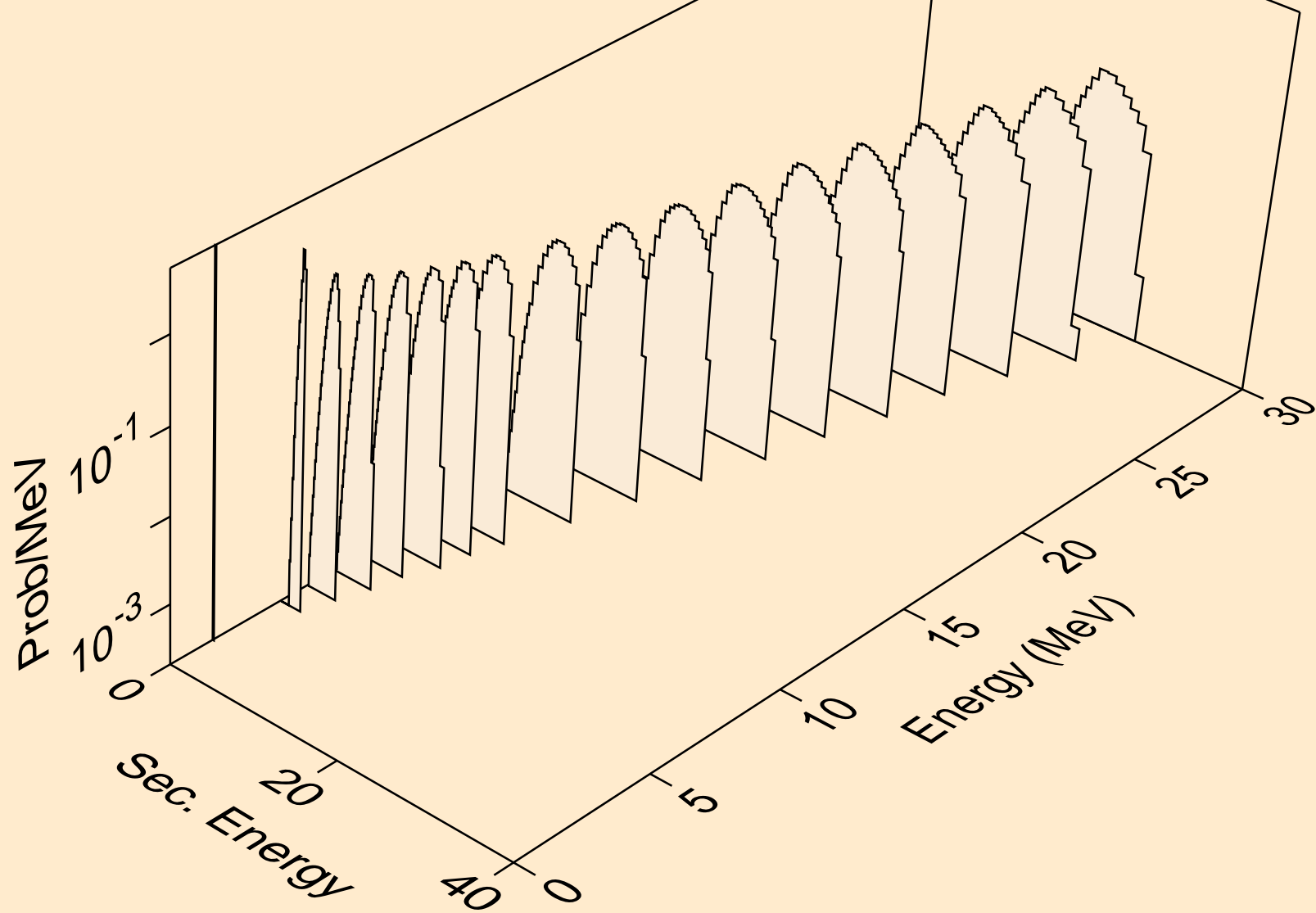
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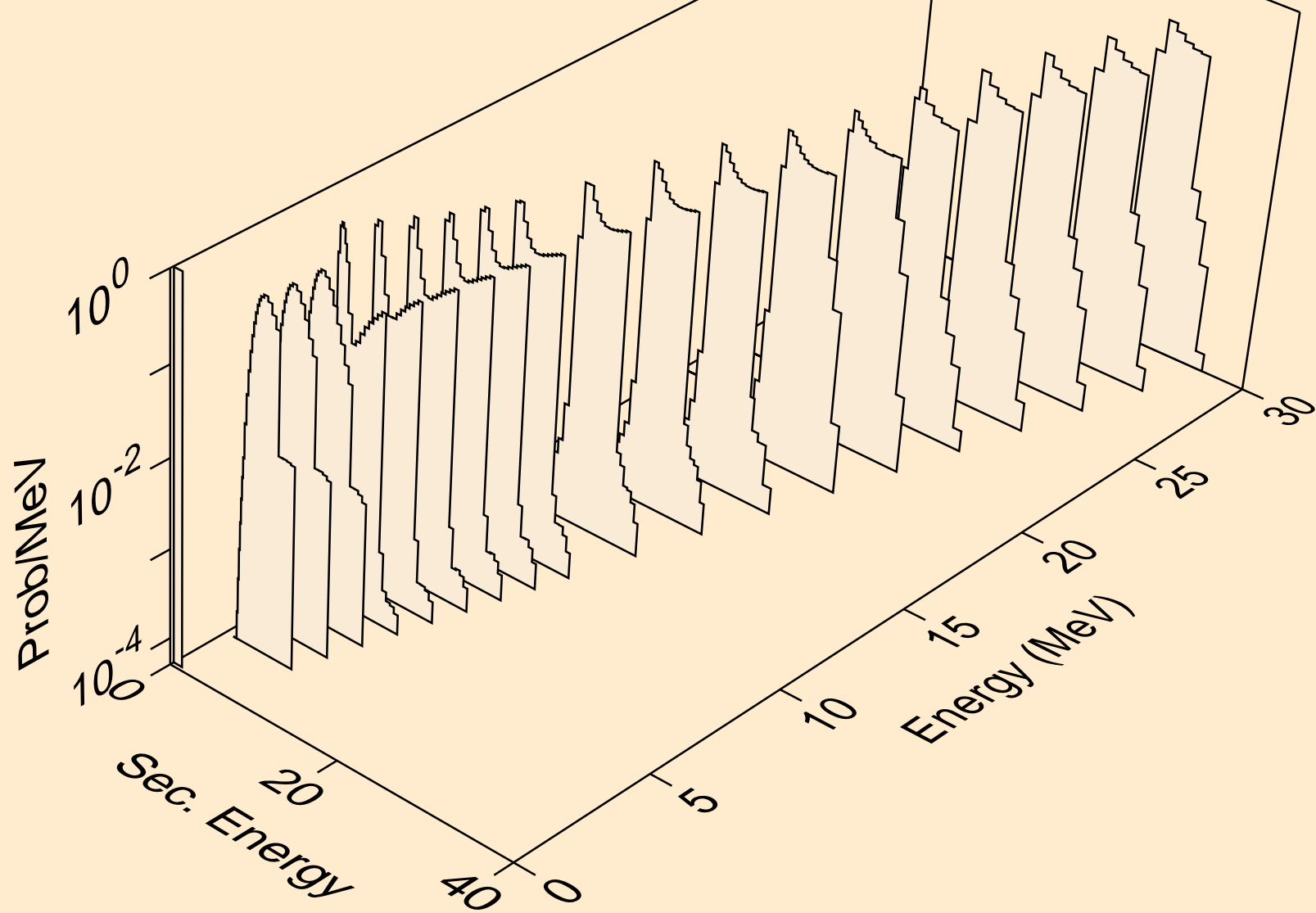
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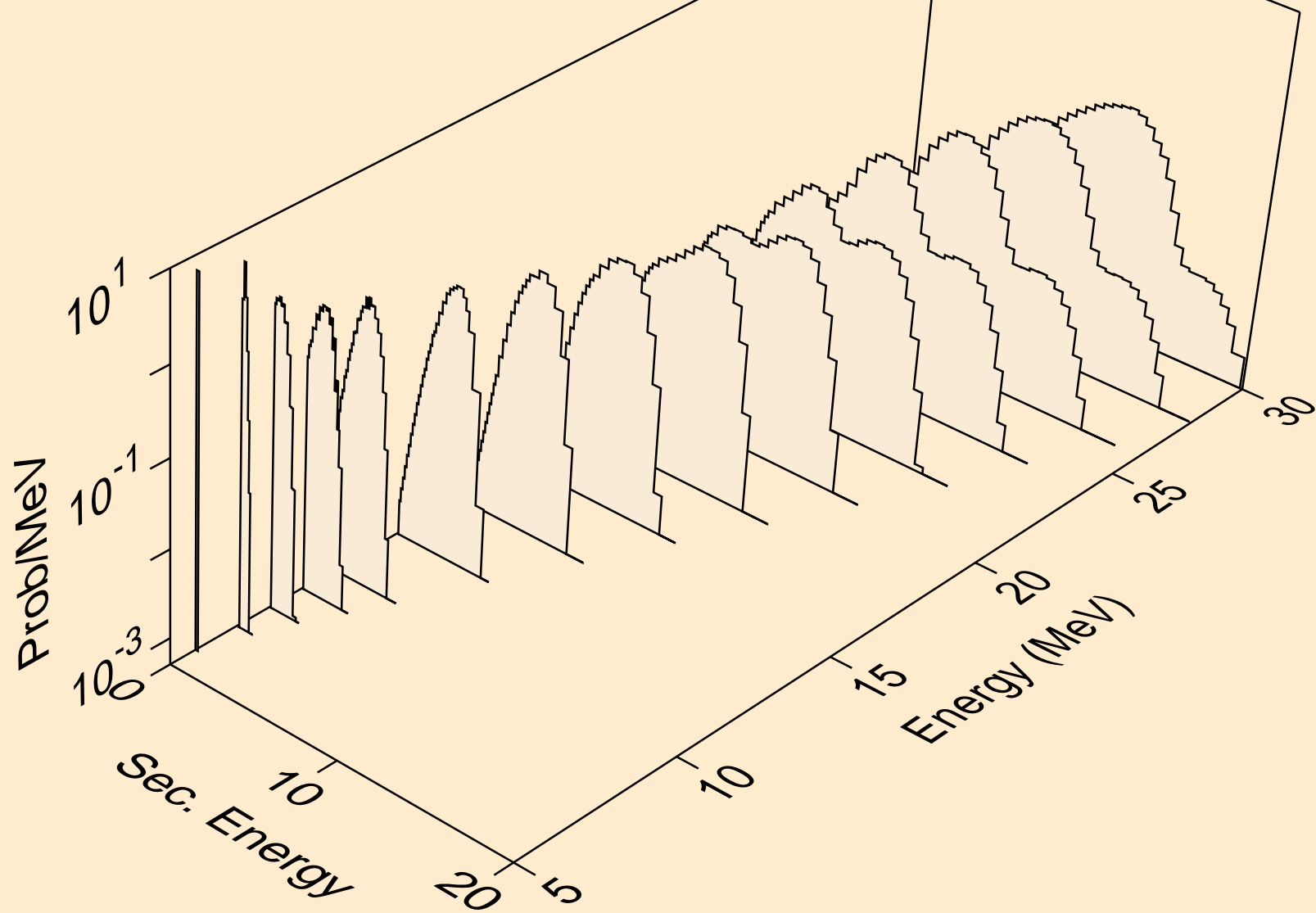
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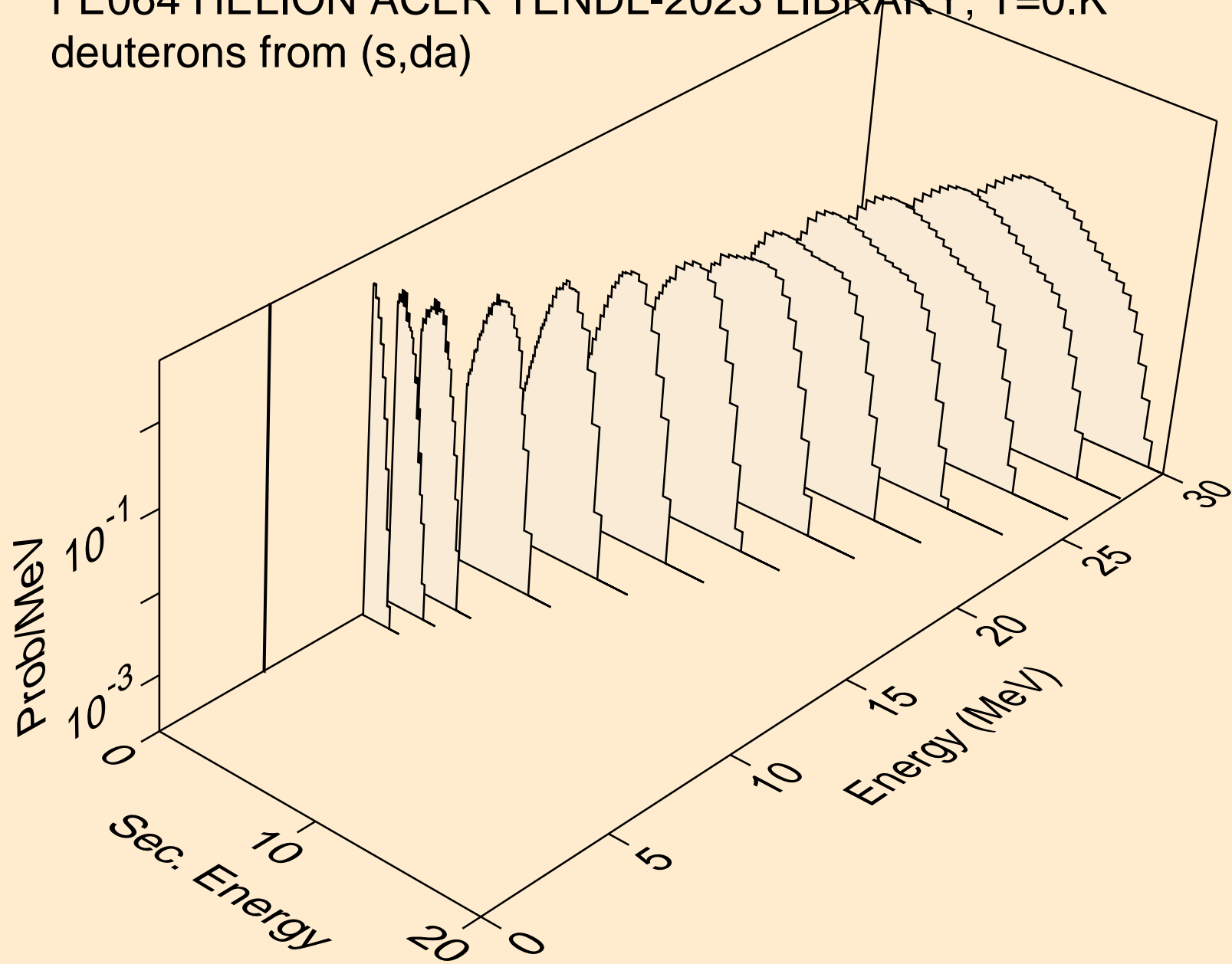
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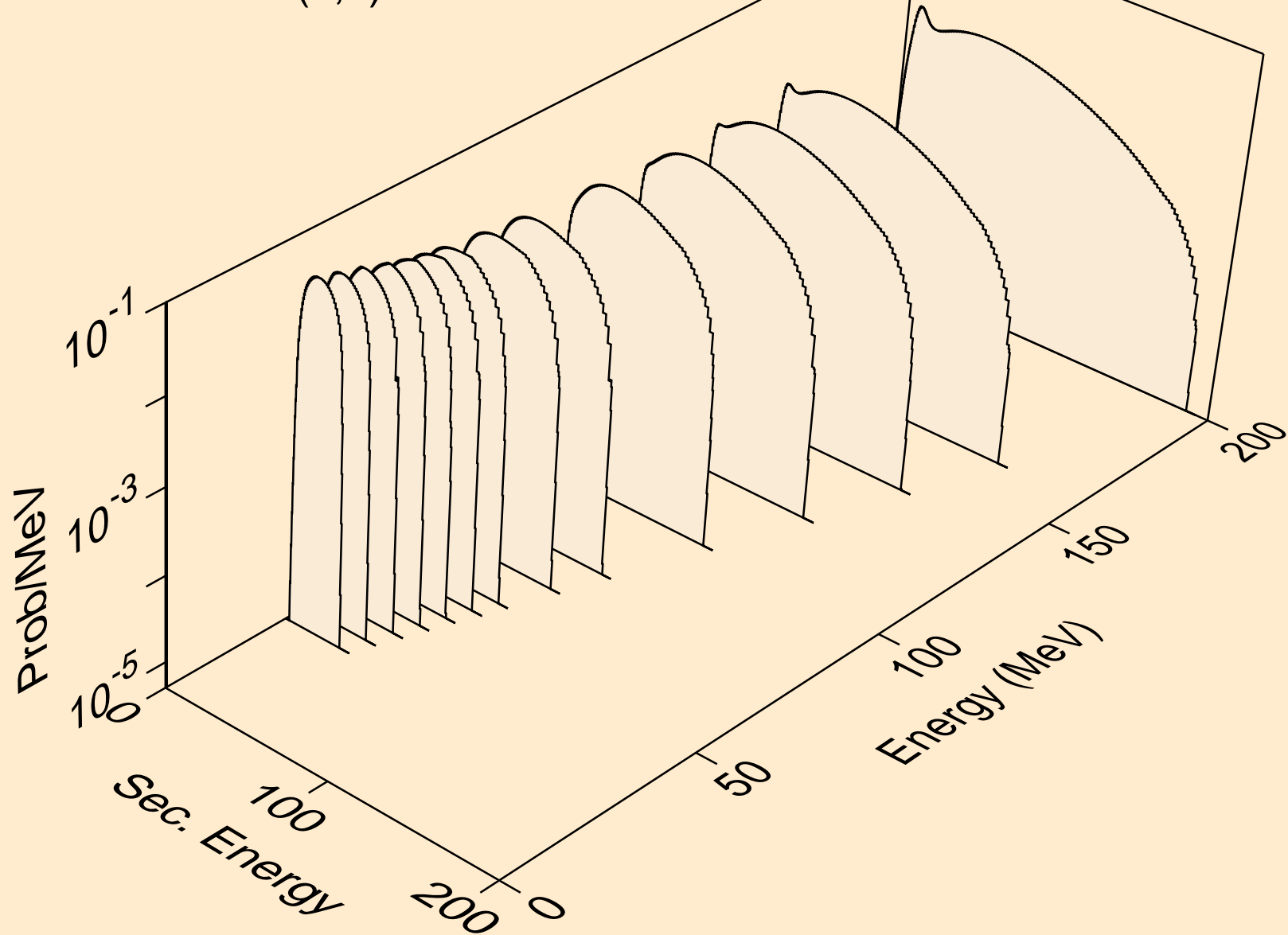
FE064 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,pd)



FE064 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,da)

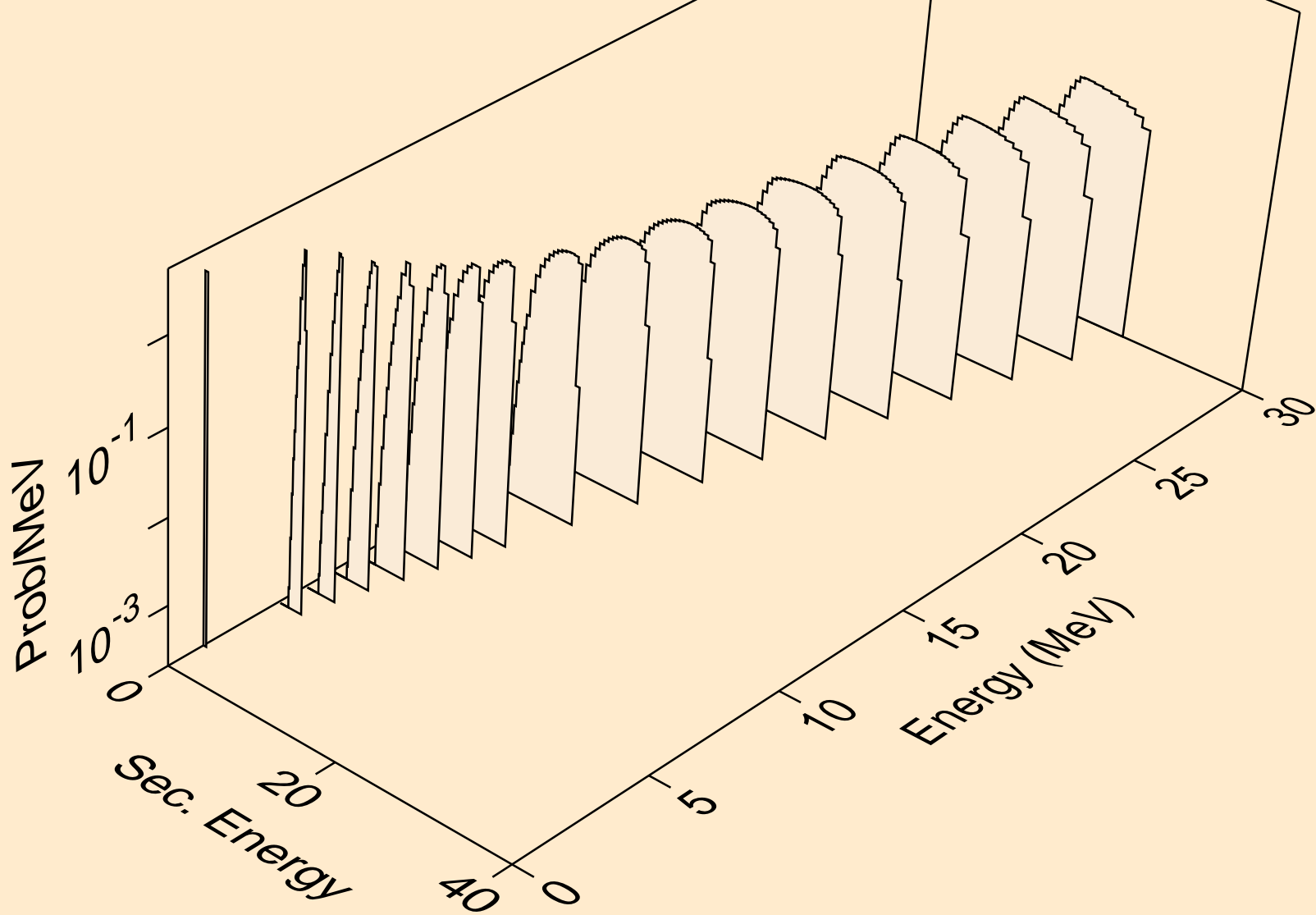


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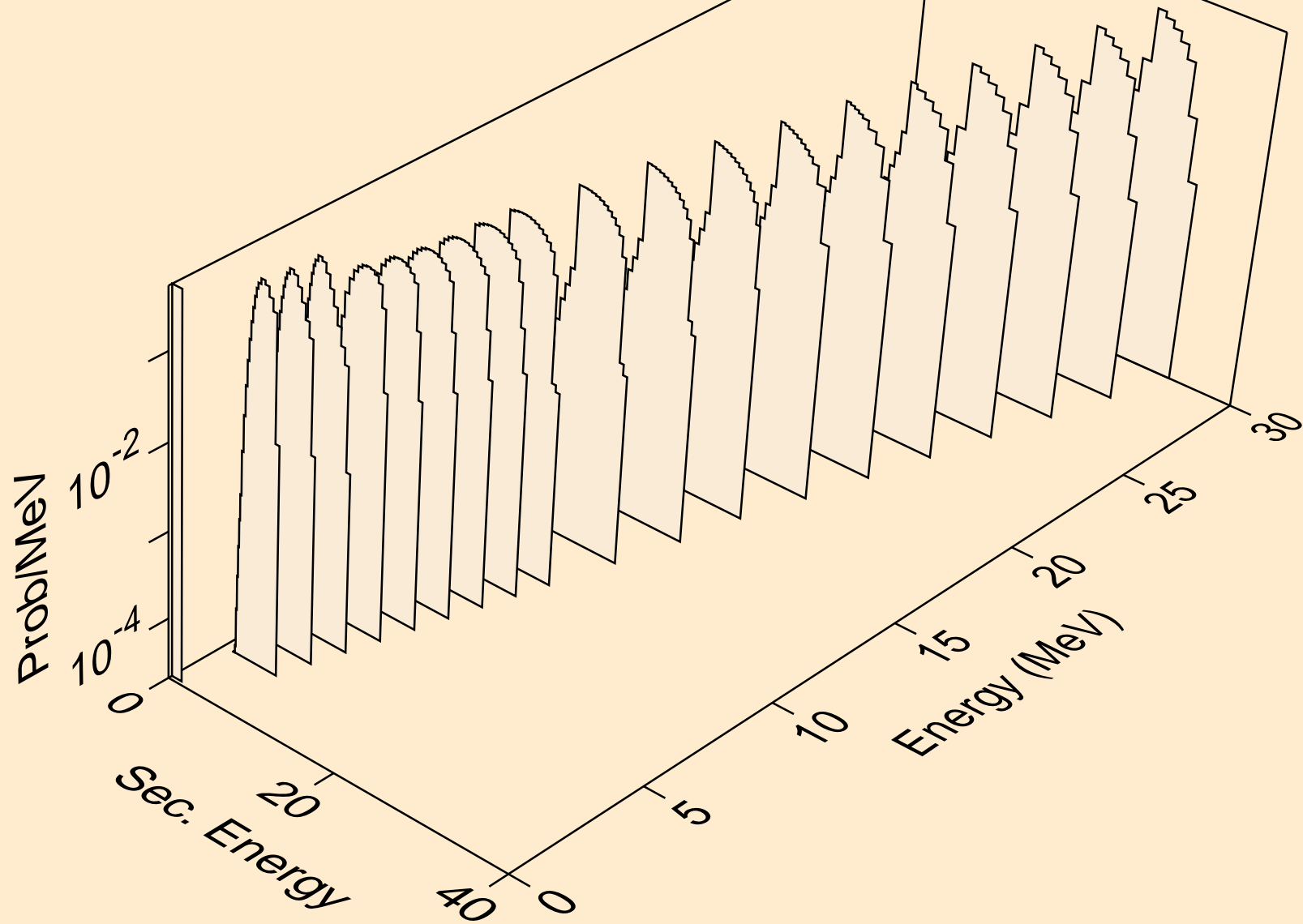




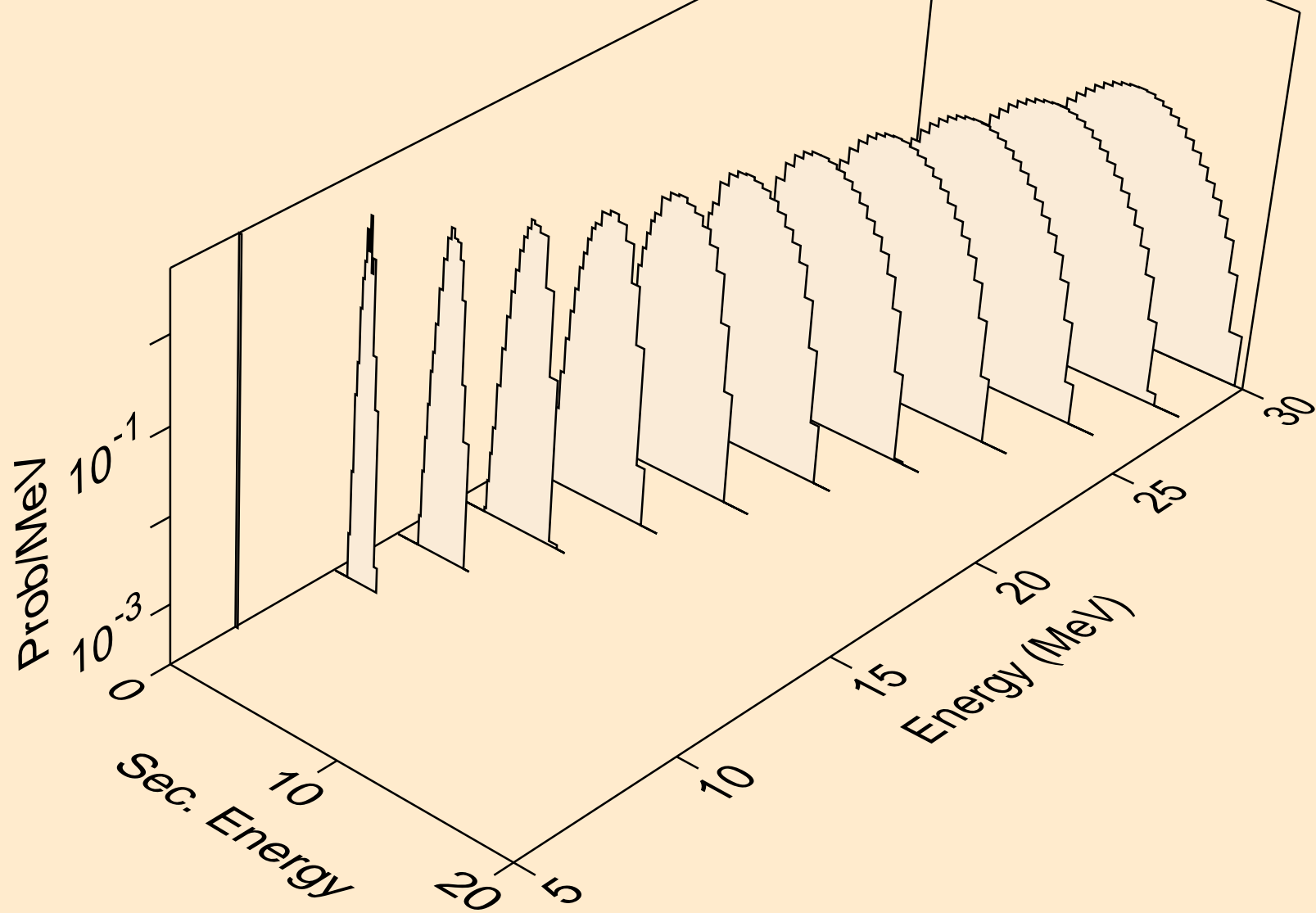
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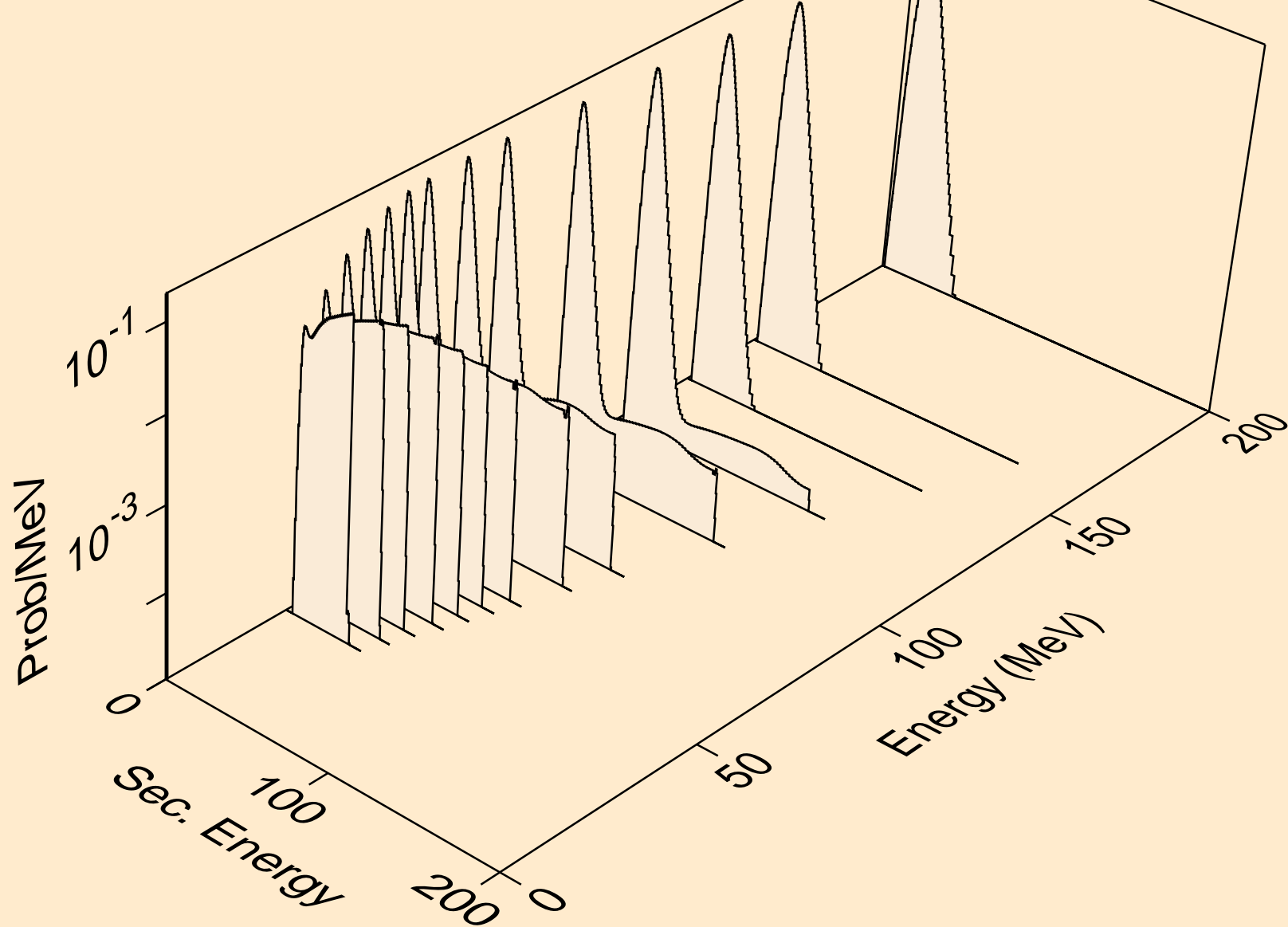
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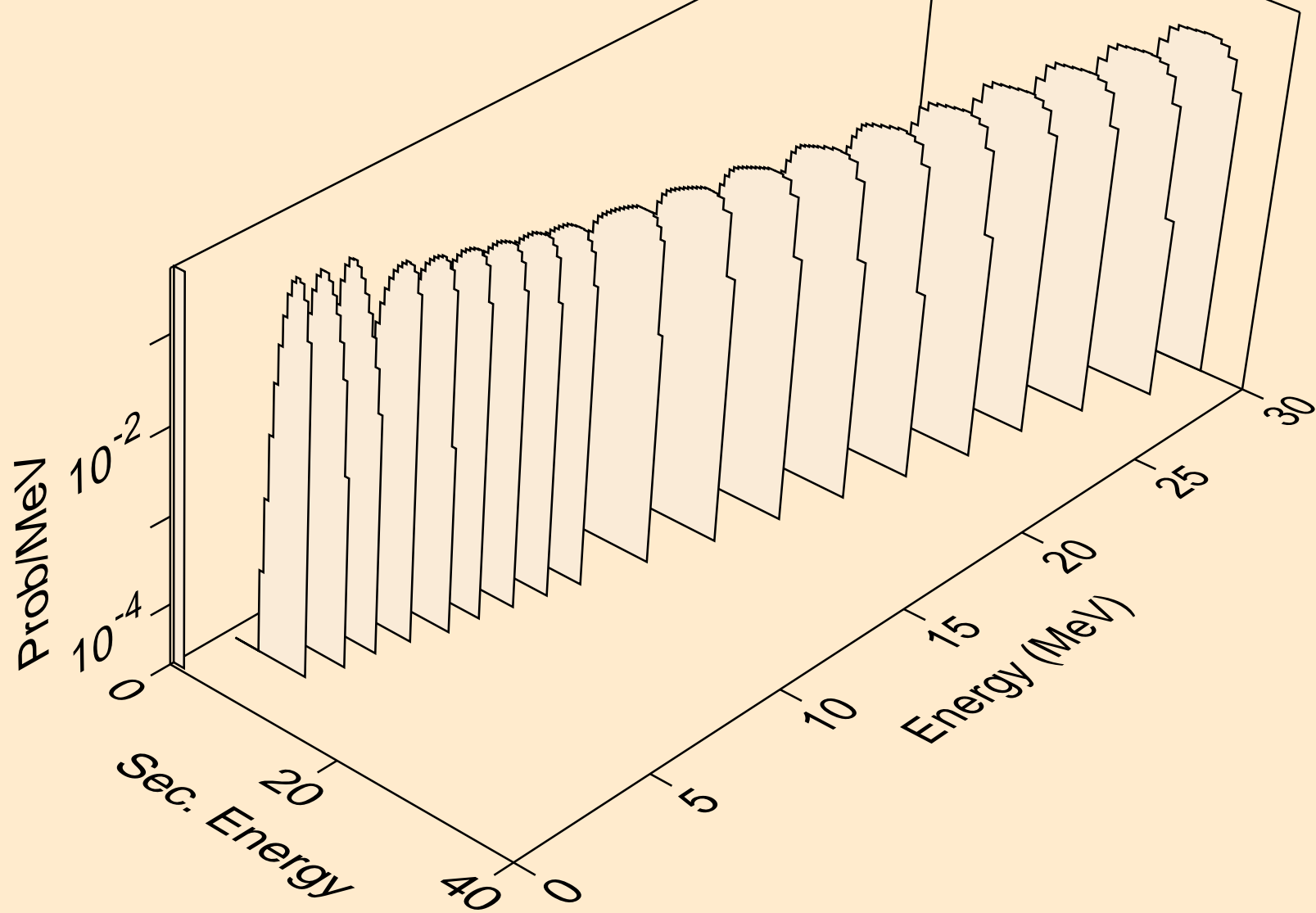
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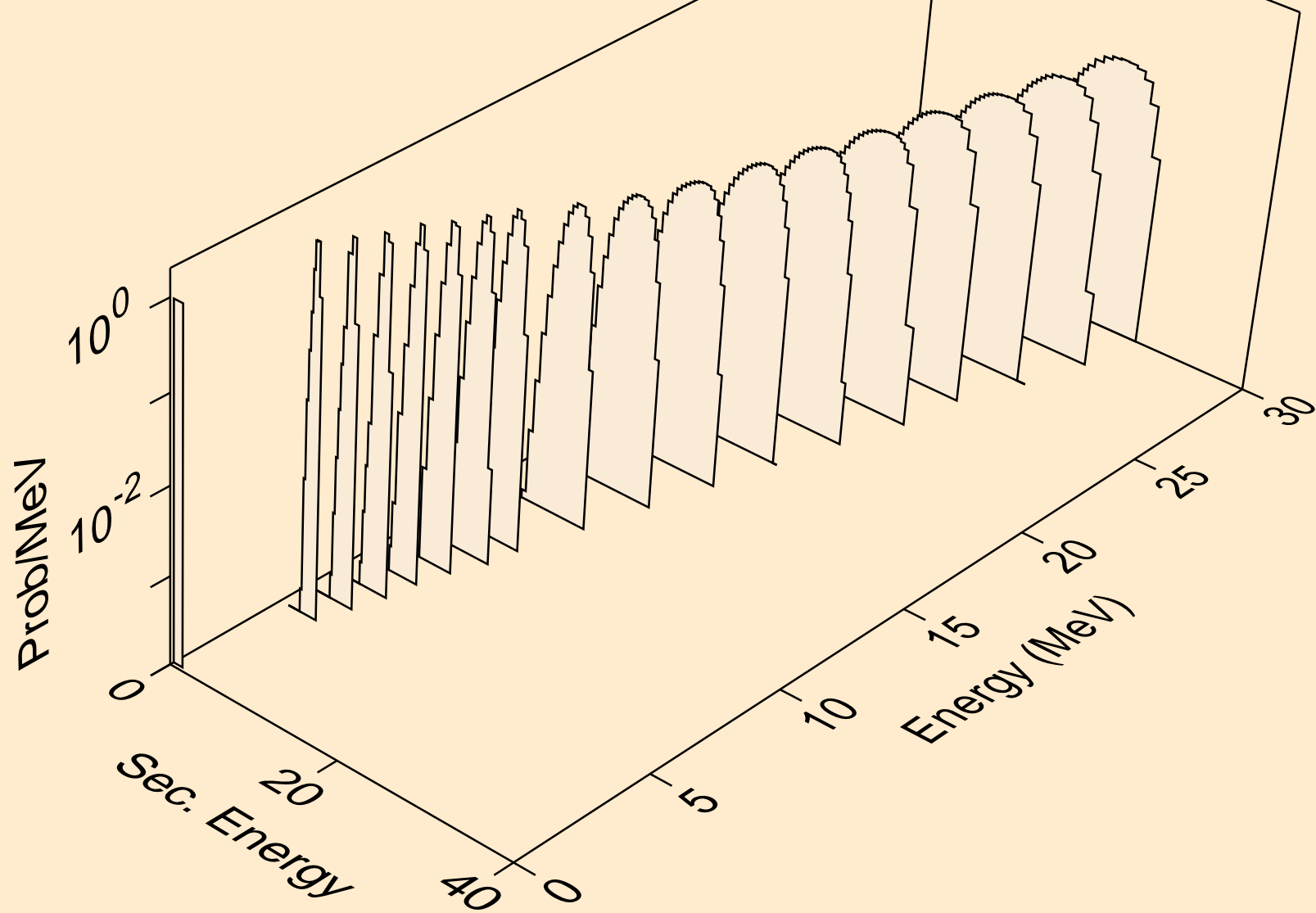
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alphas from (s,x)



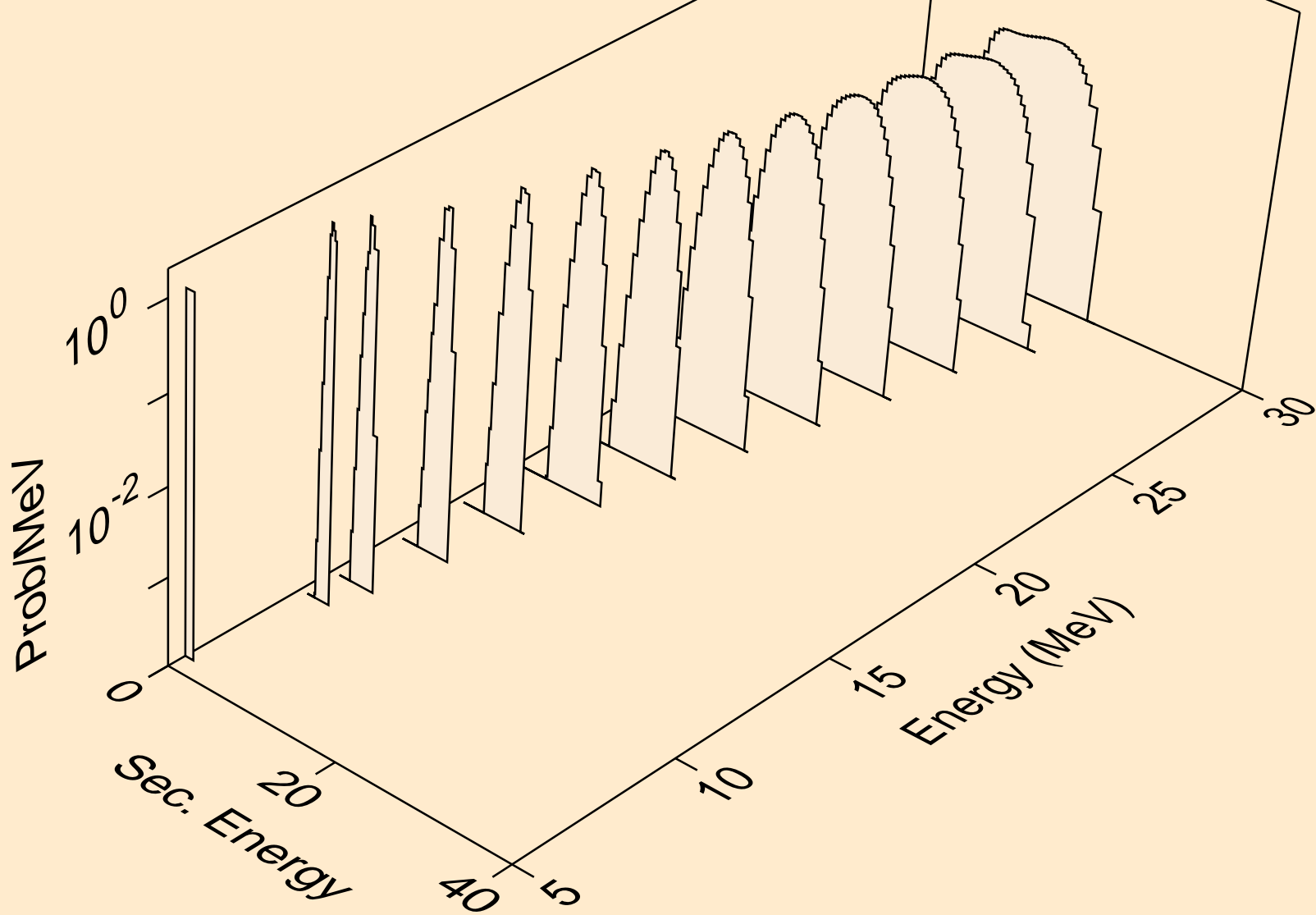
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alphas from (s,n\*)a



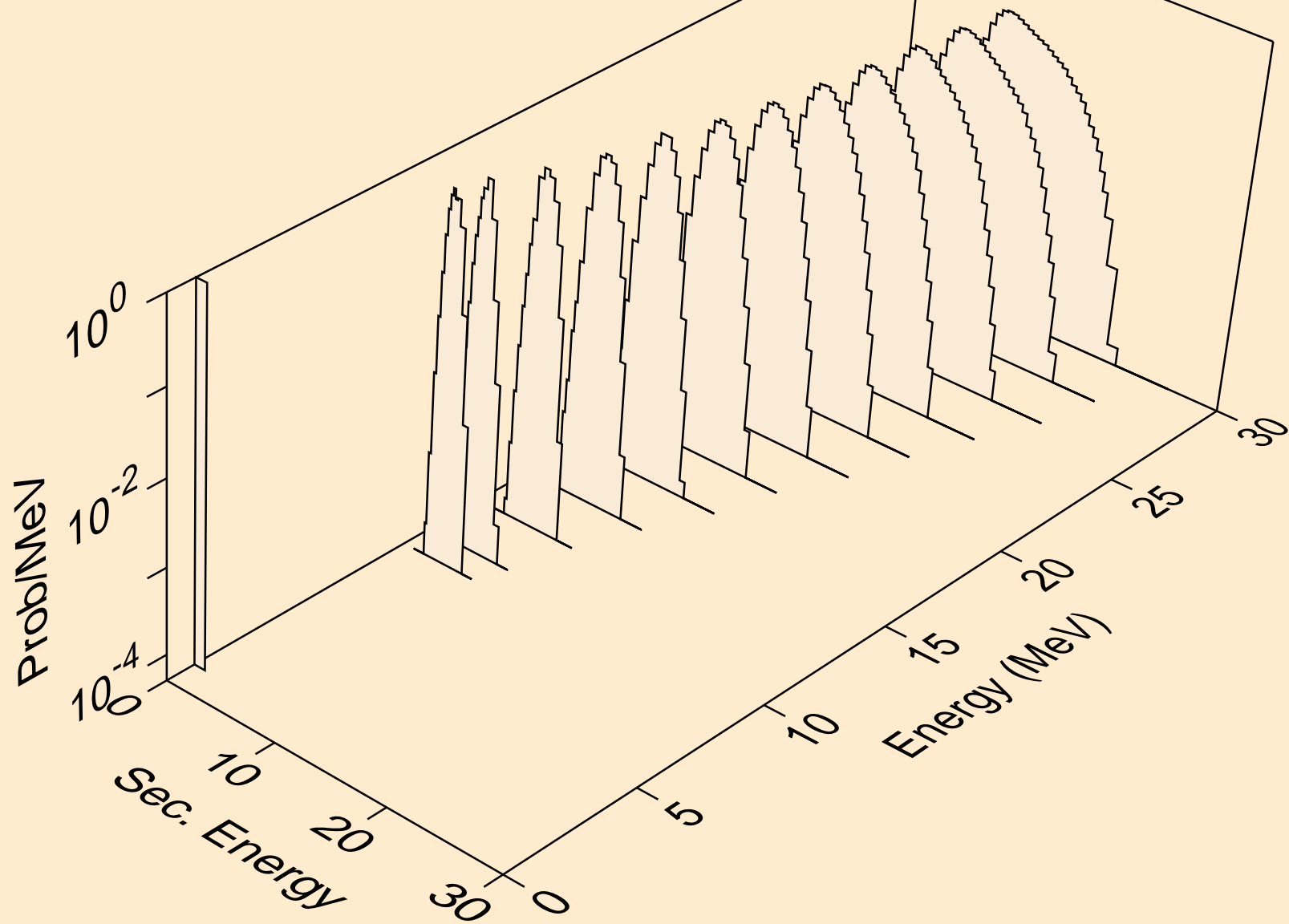
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alphas from (s,3n)a

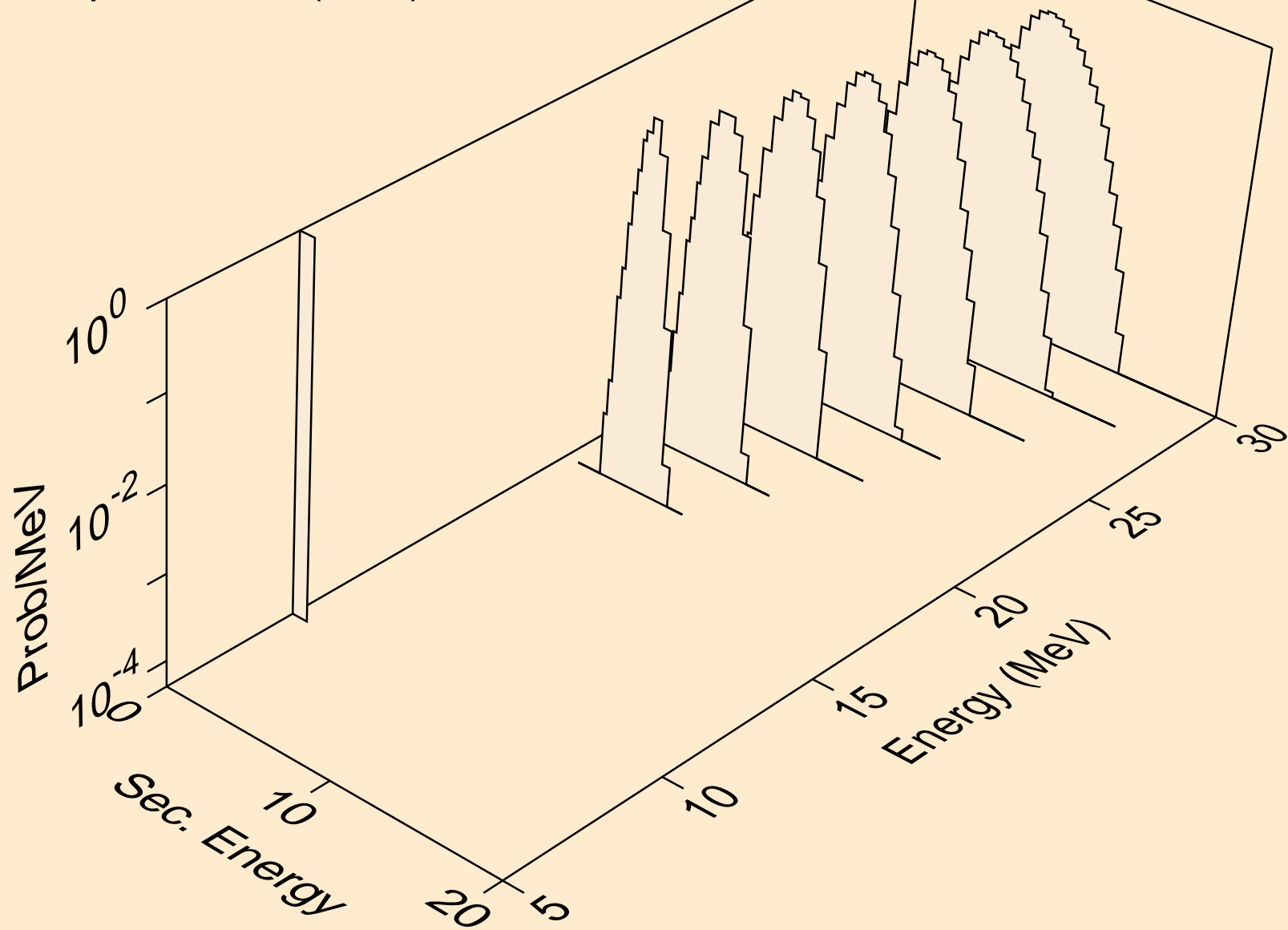


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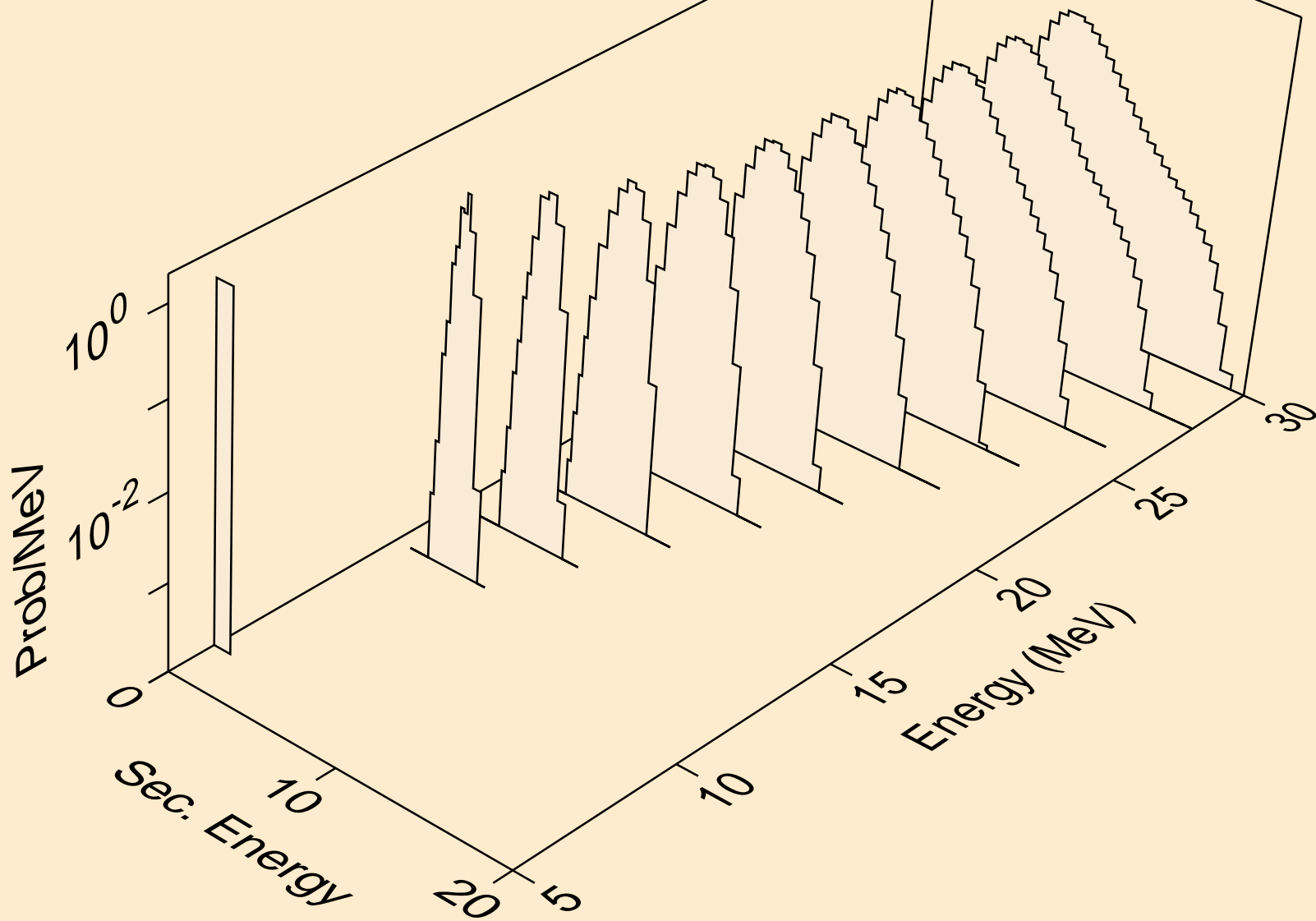




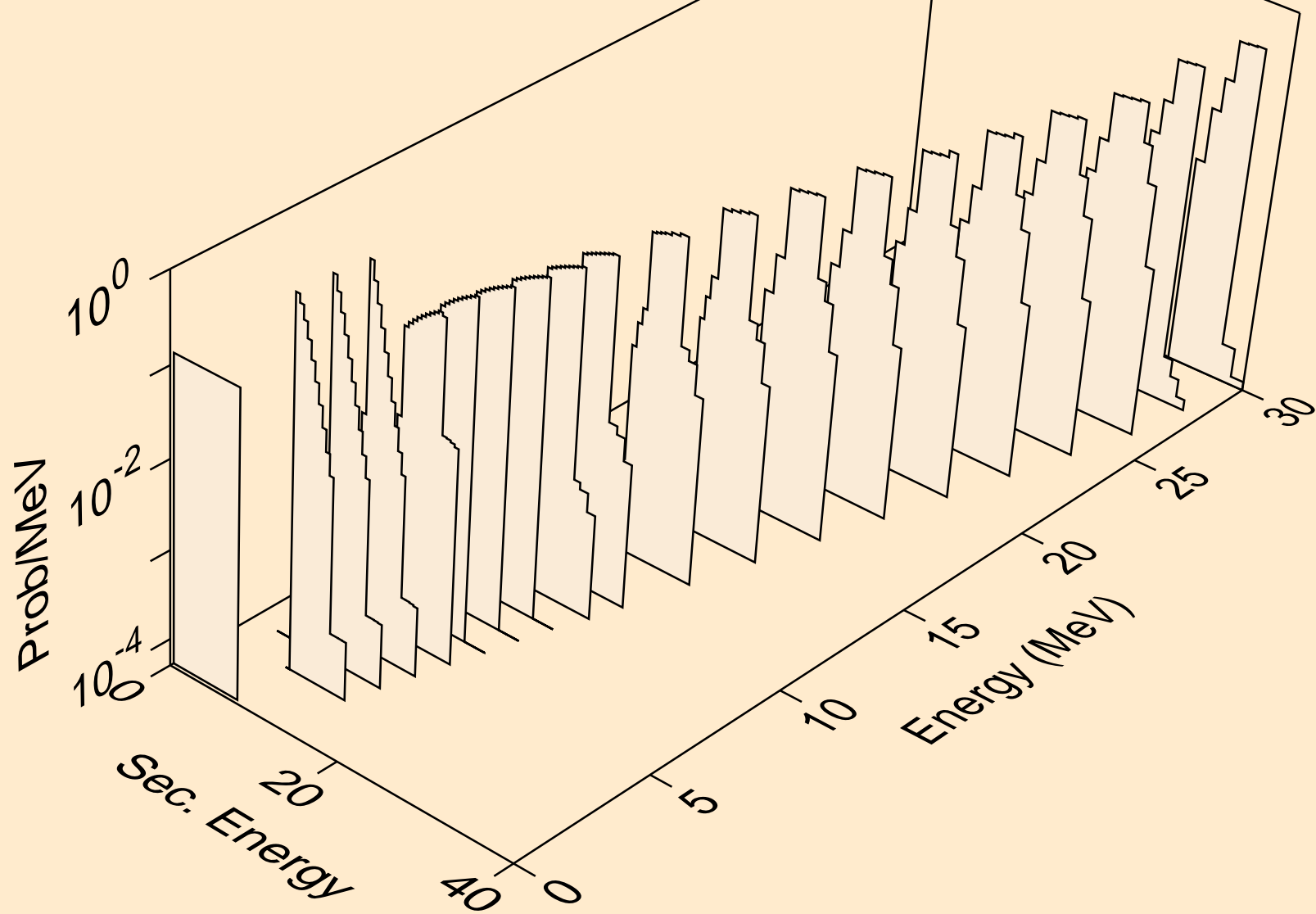
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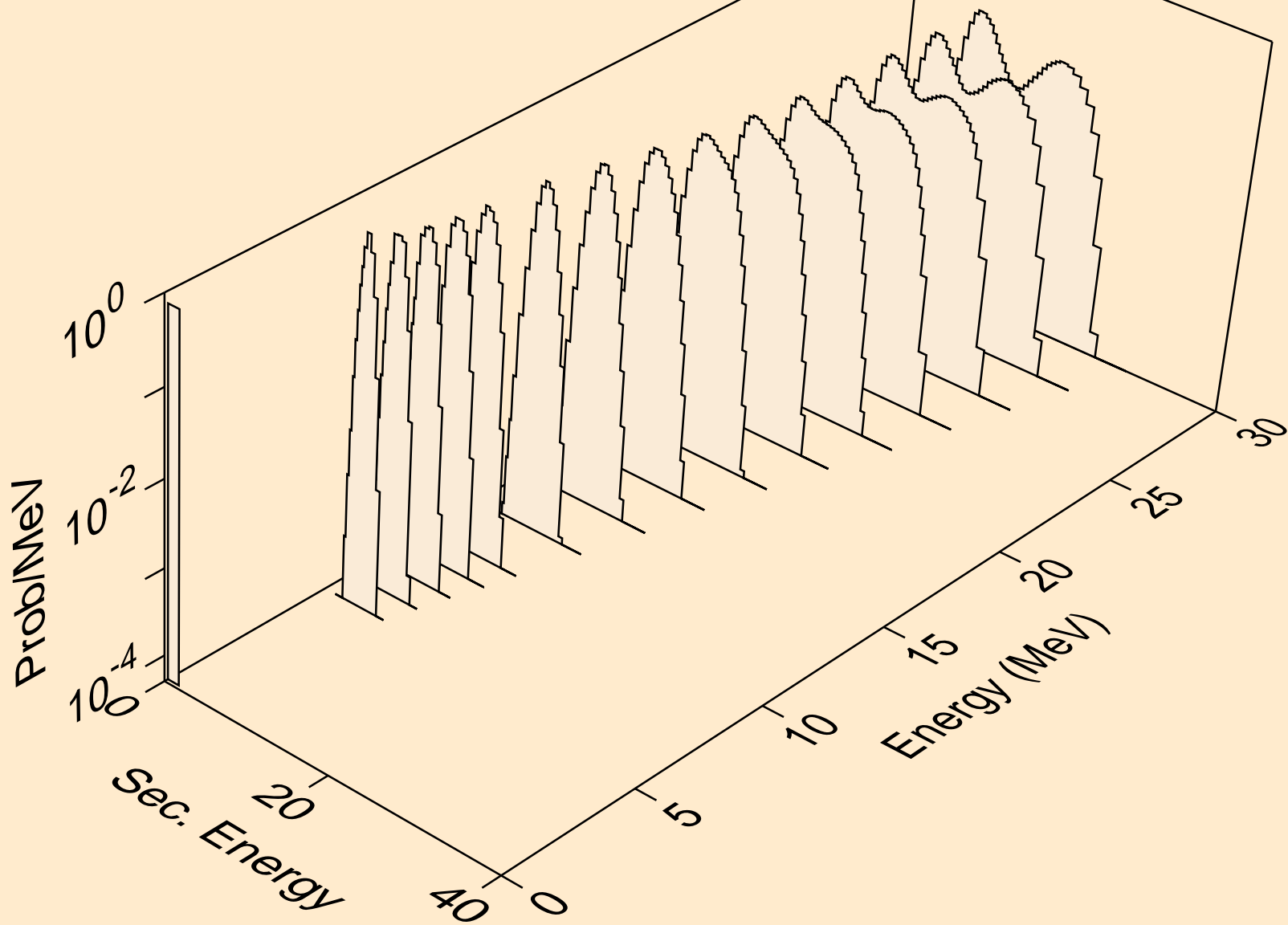
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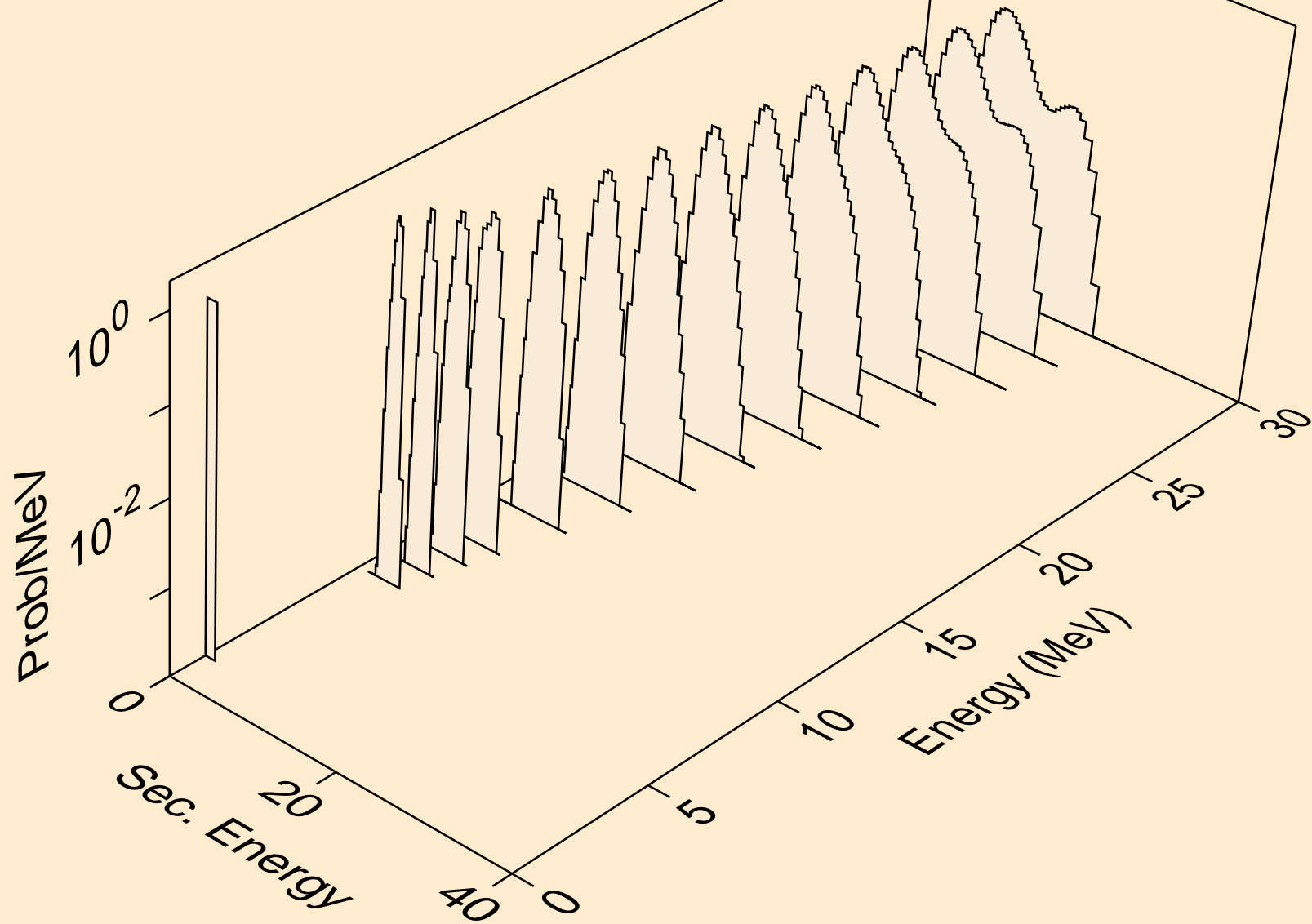
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alphas from (s,a)



FE064 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2a)



FE064 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,pa)



FE064 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,da)

