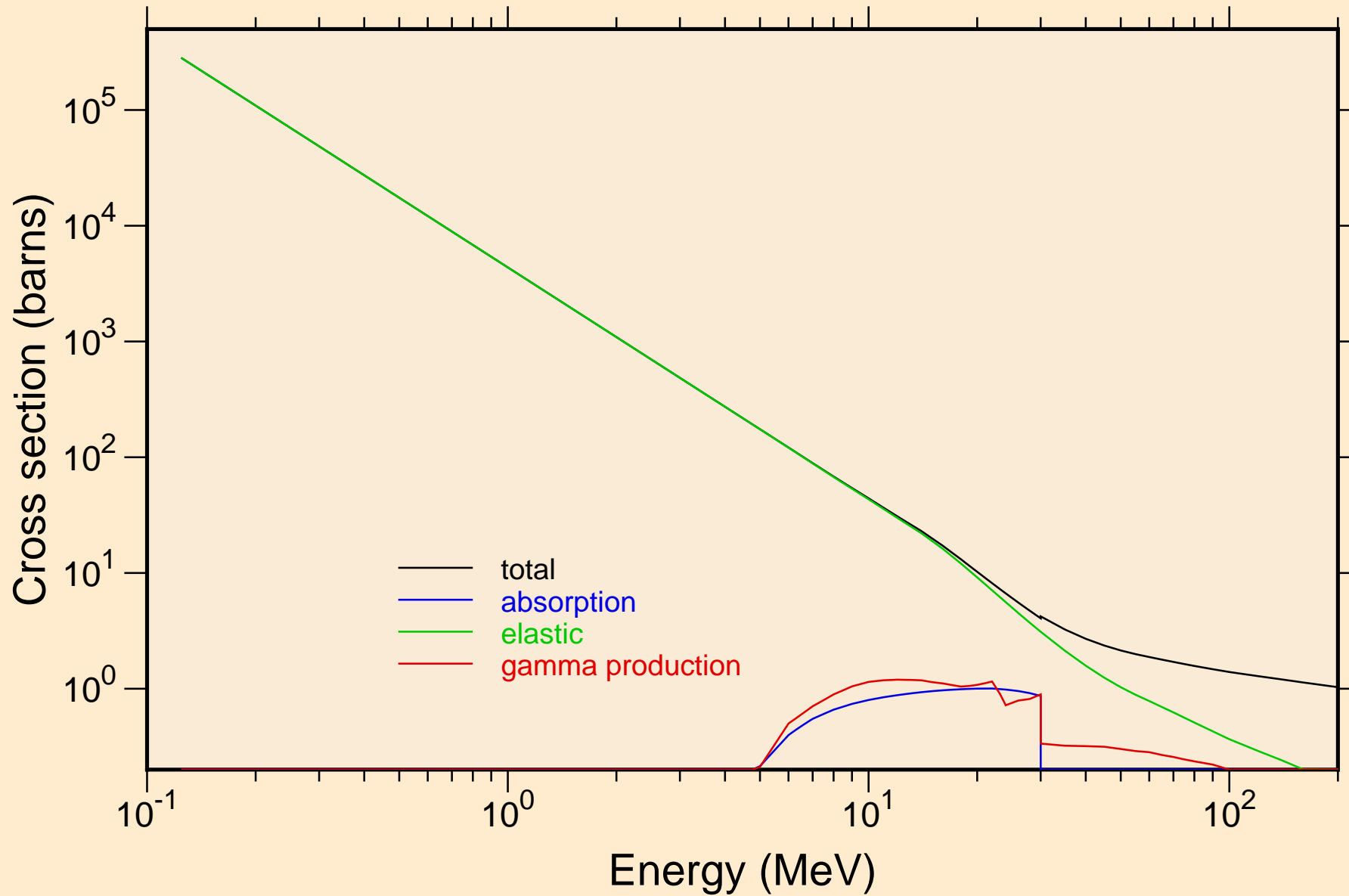
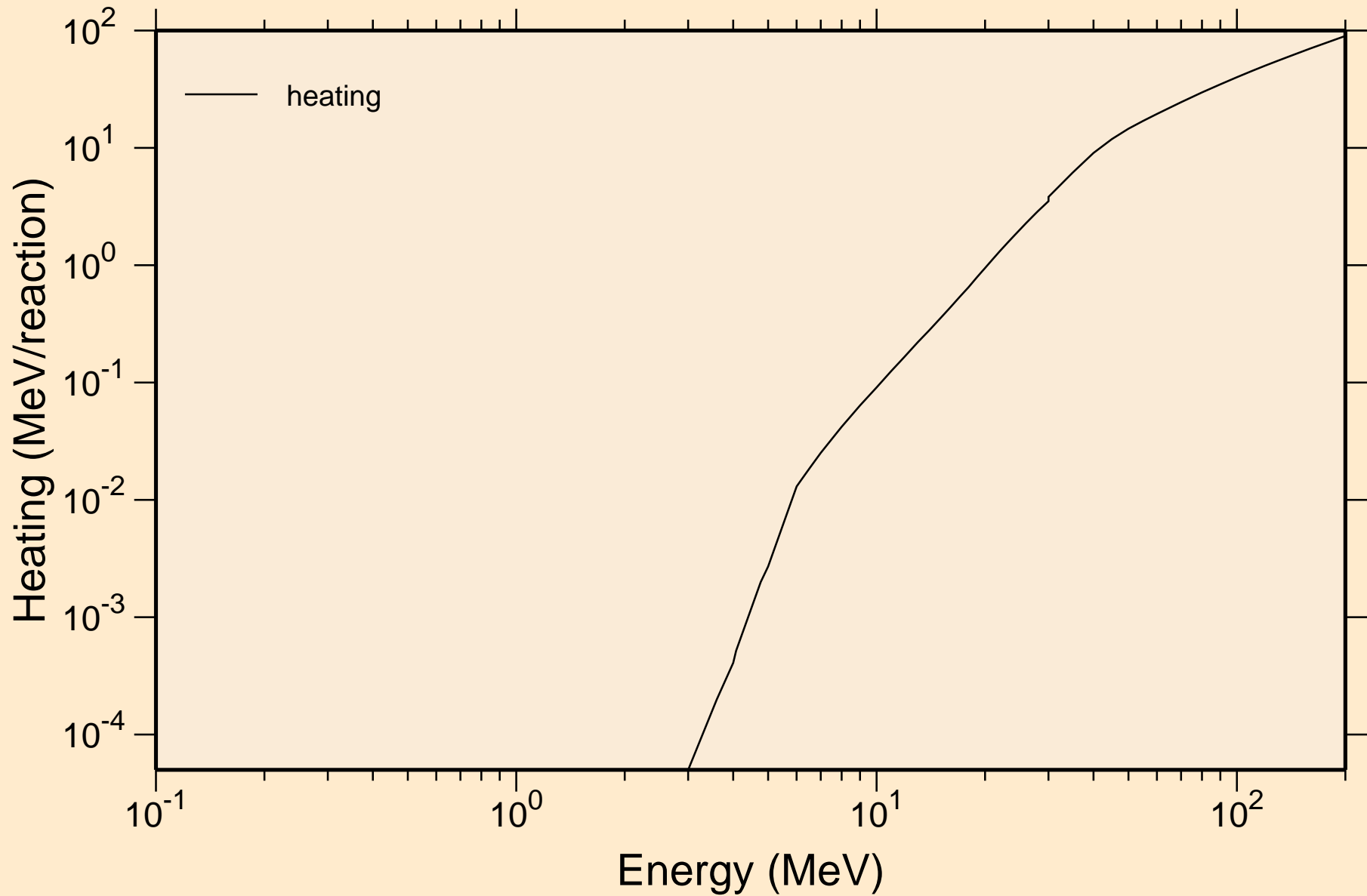


MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections

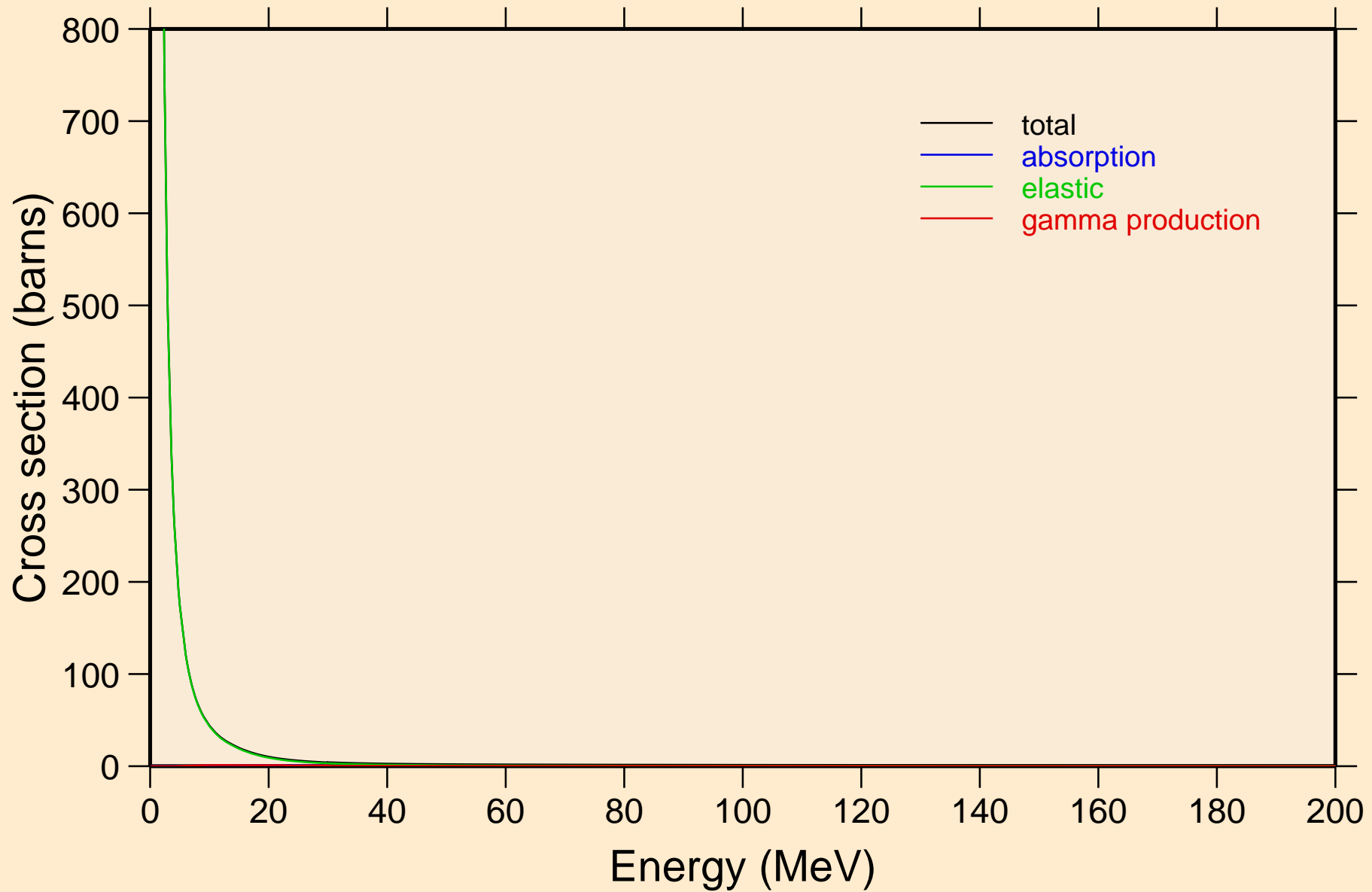


# MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Heating

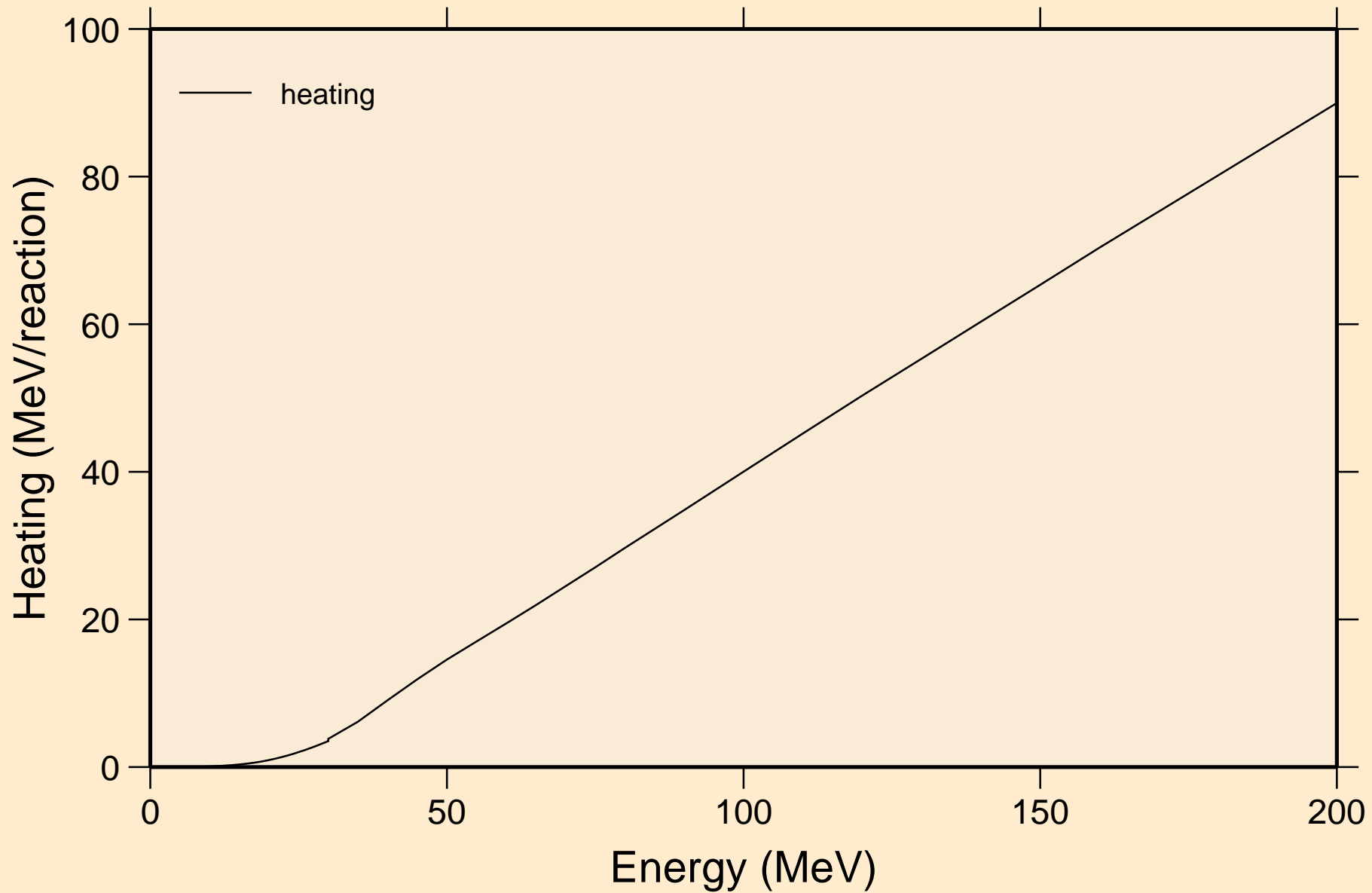


MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections

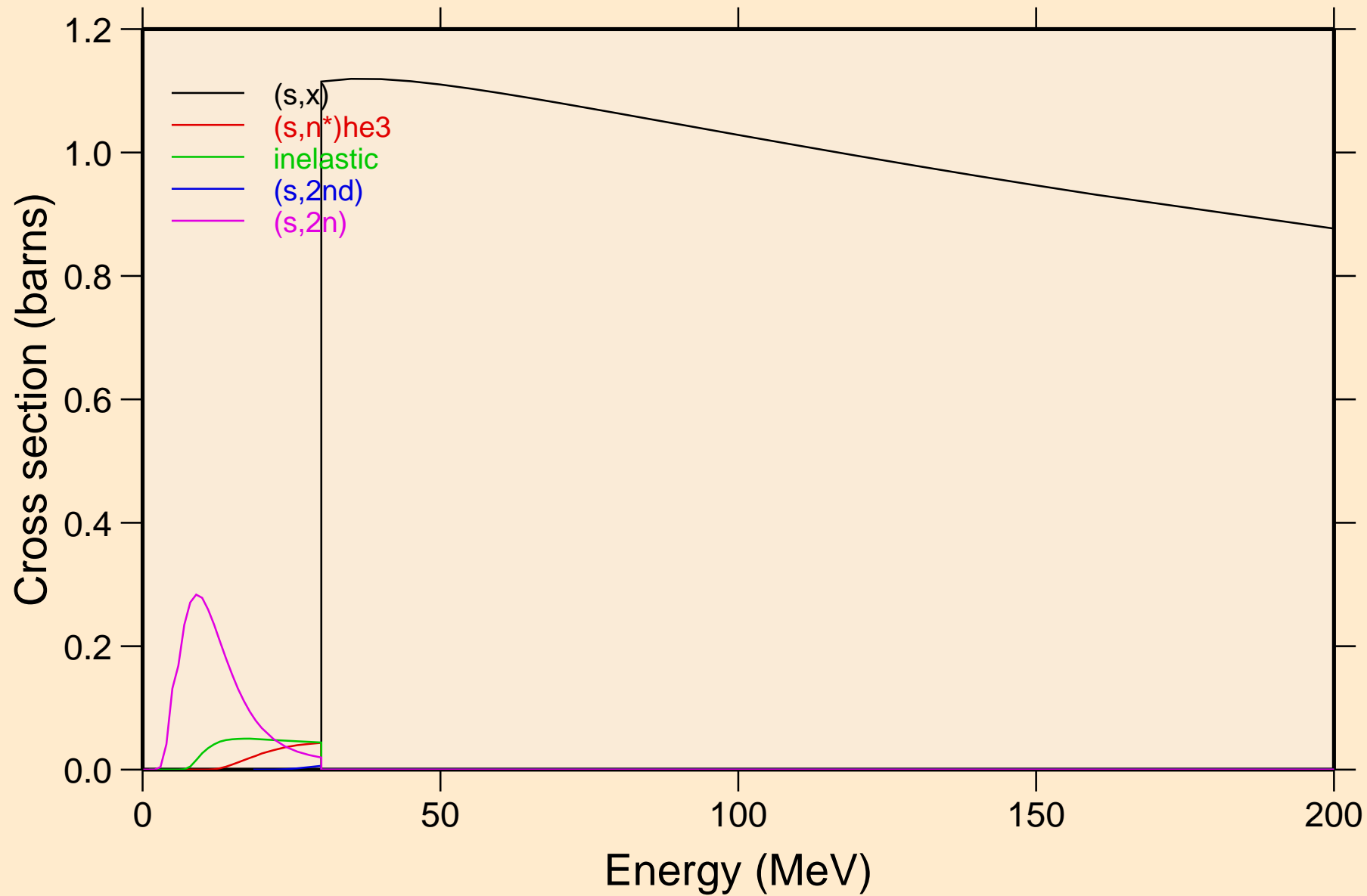


MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K

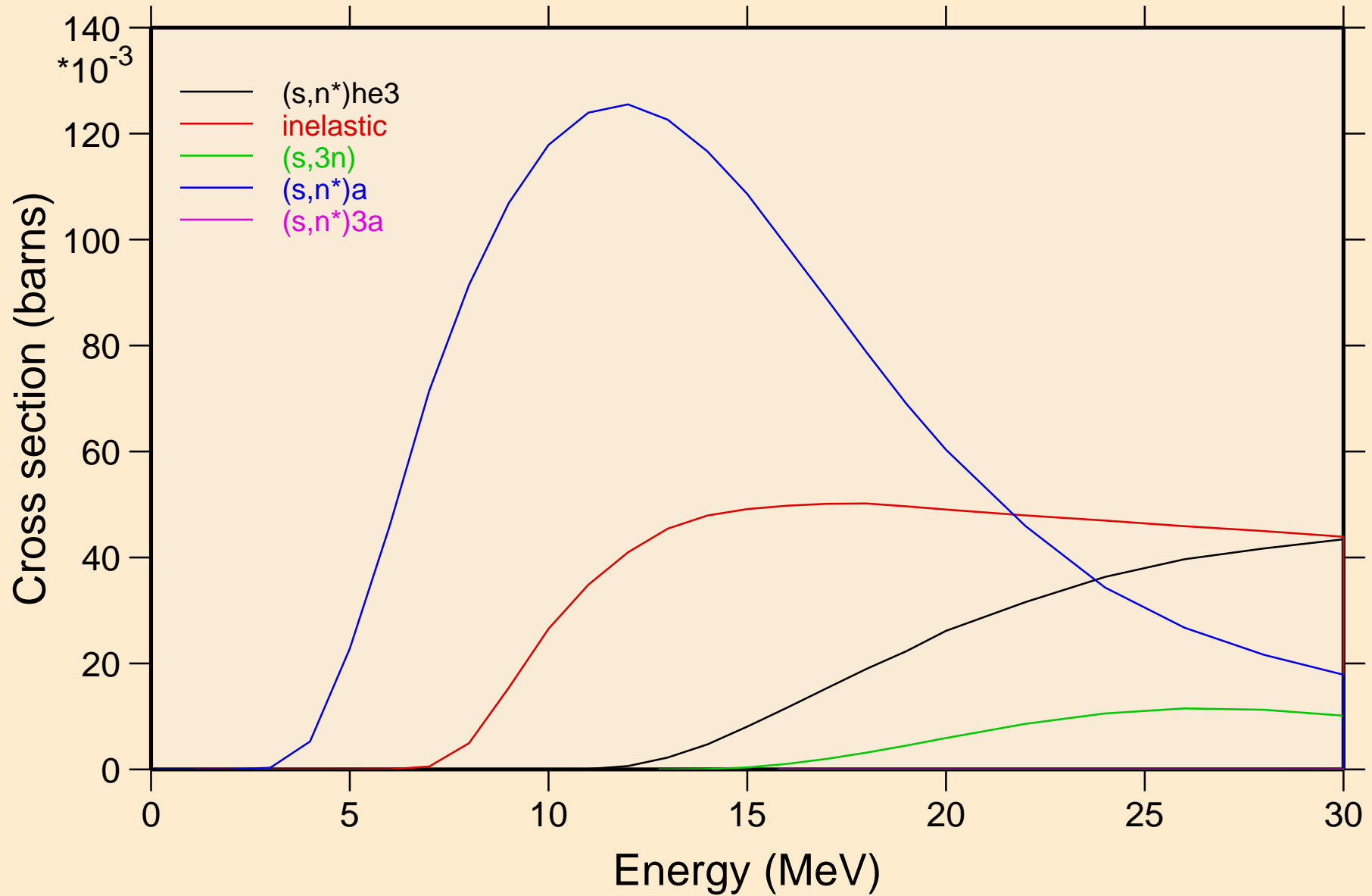
Heating



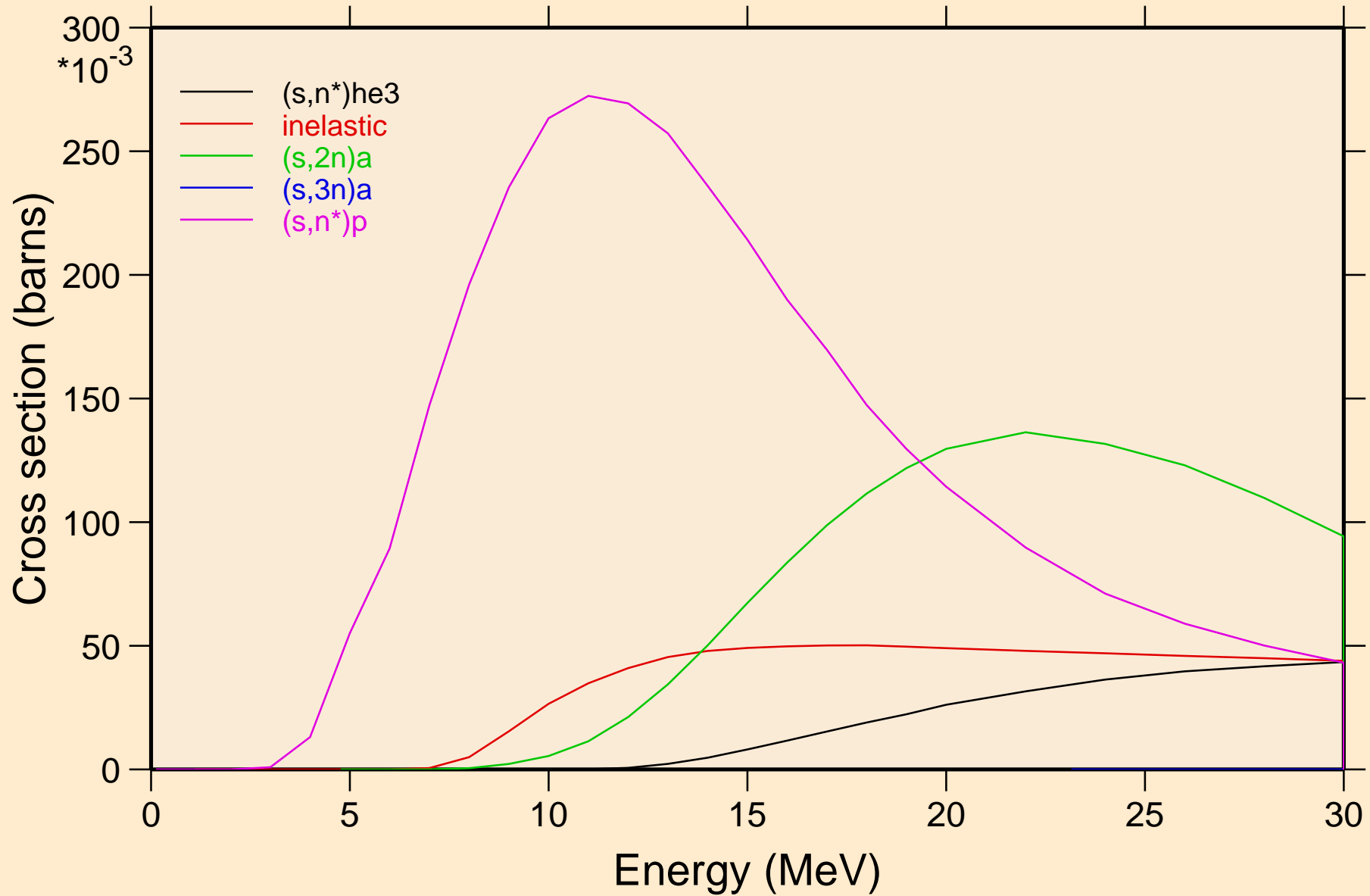
MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



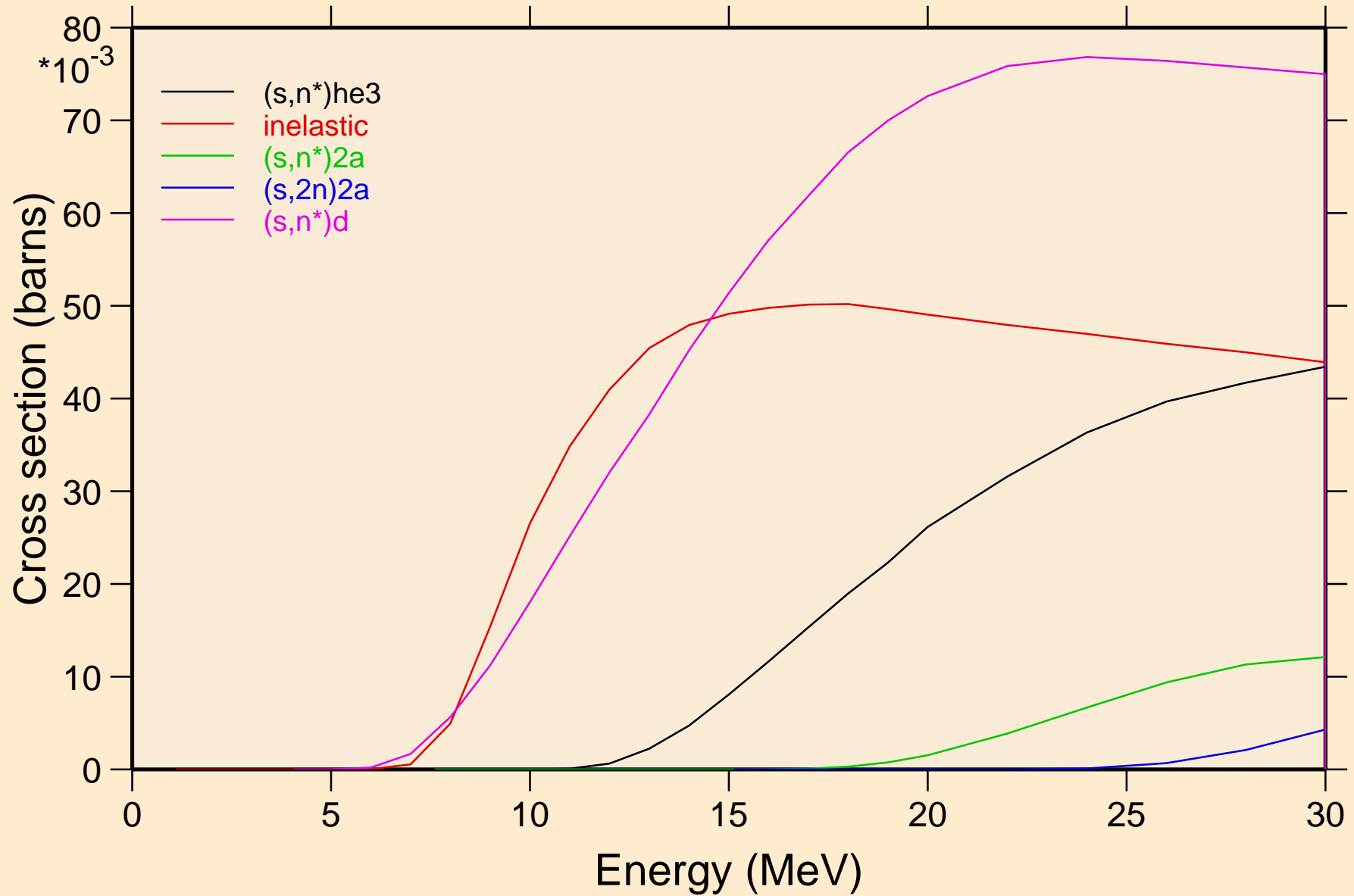
MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

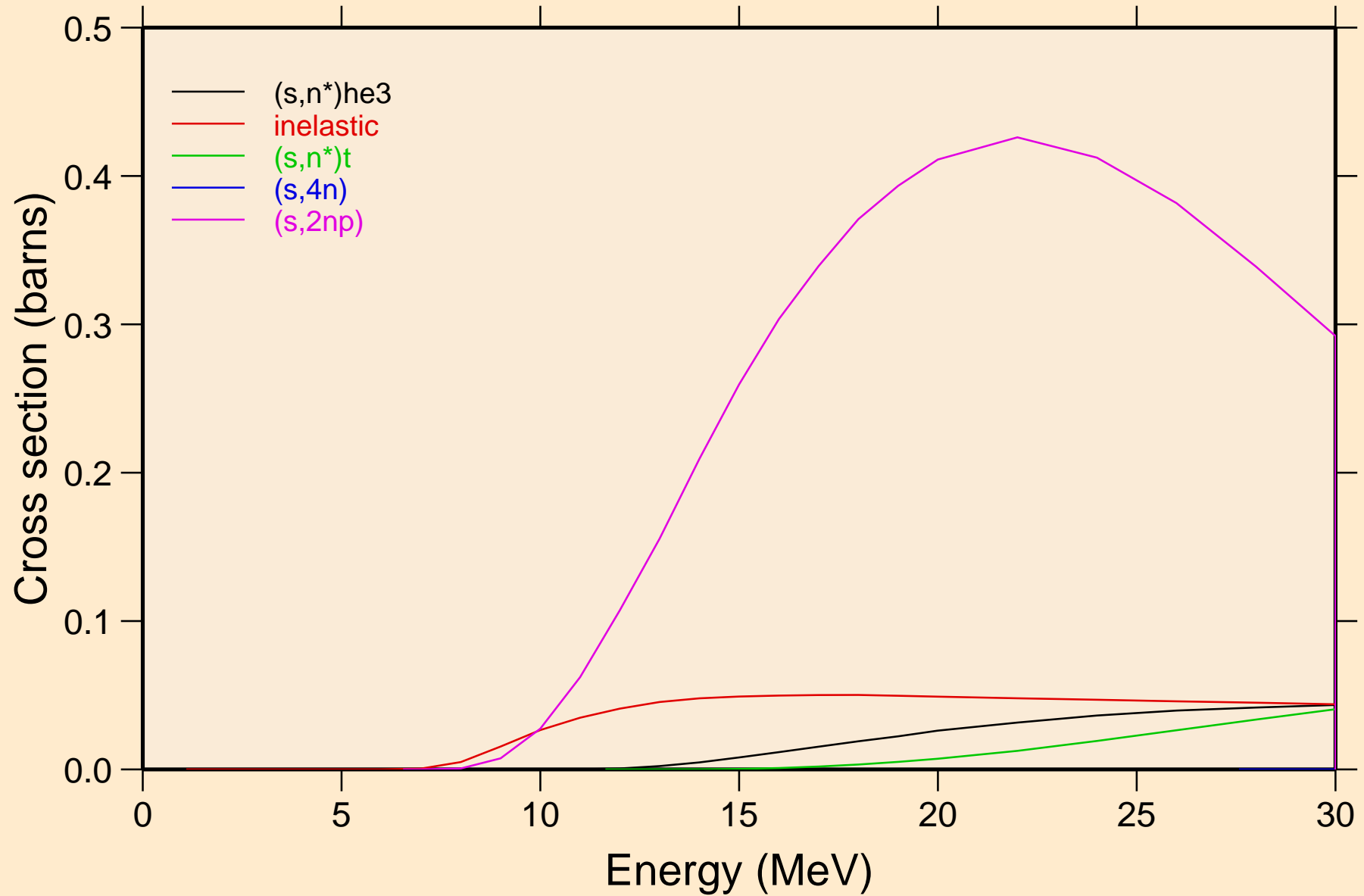


MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

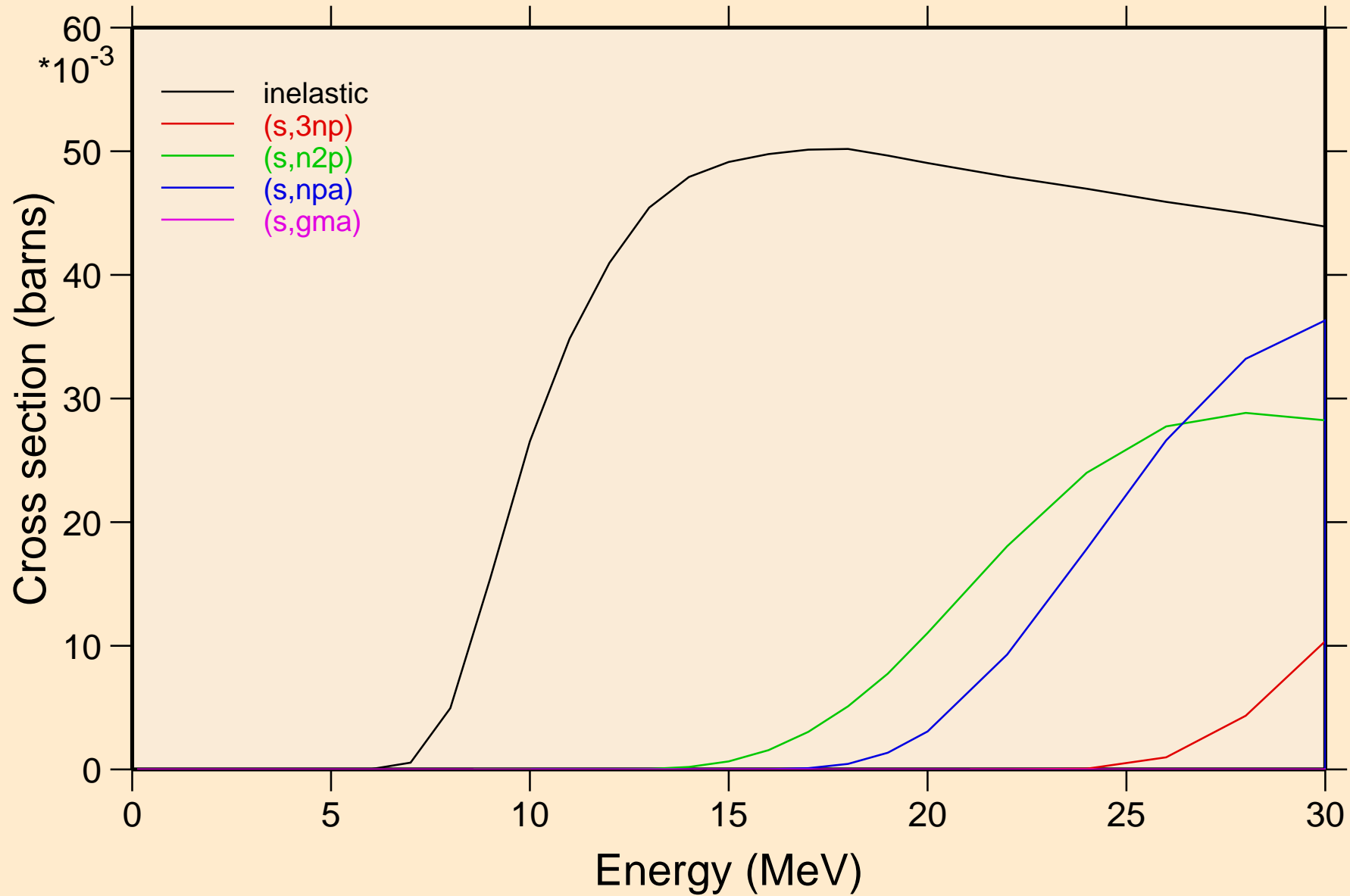




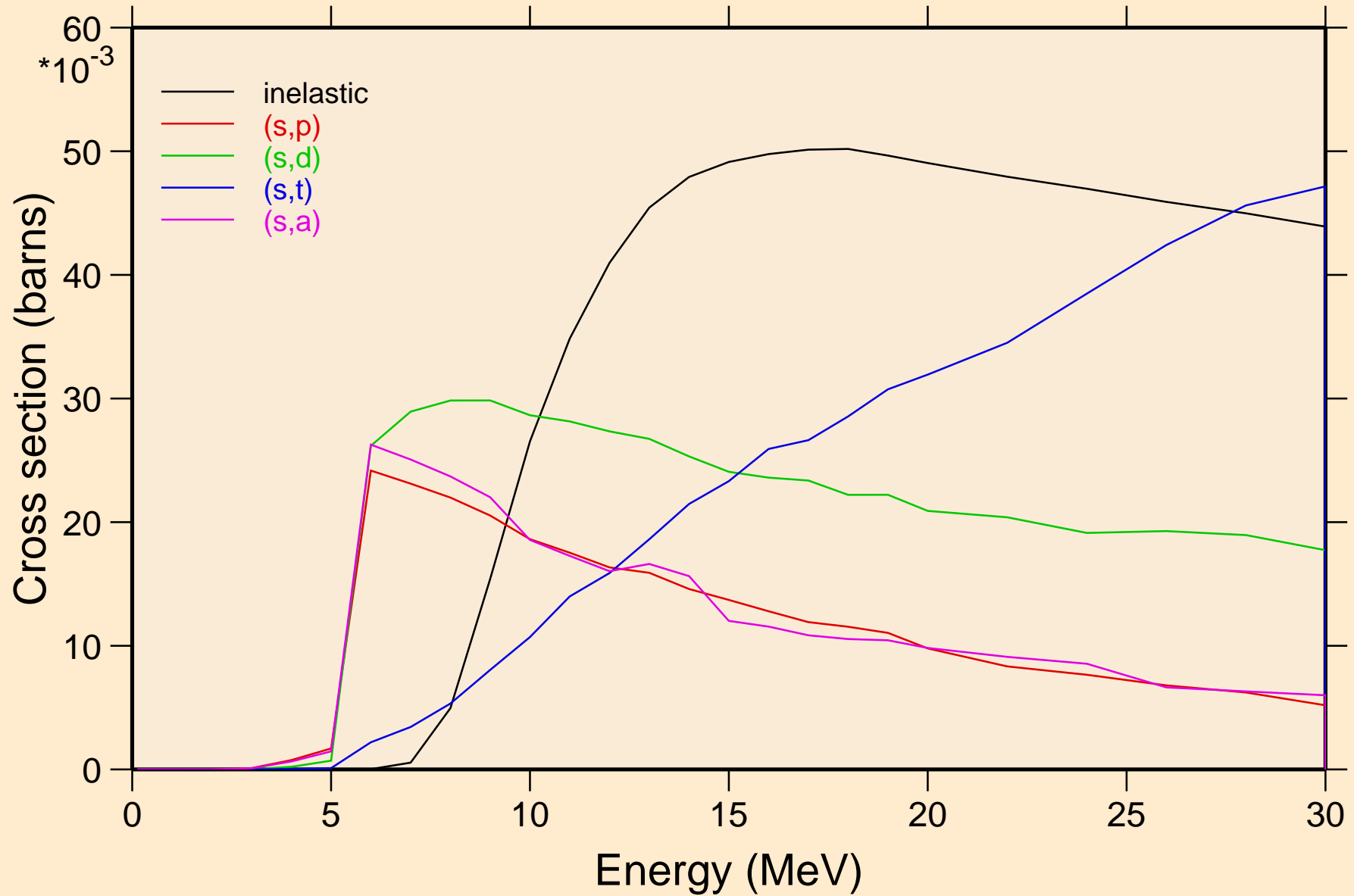
MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



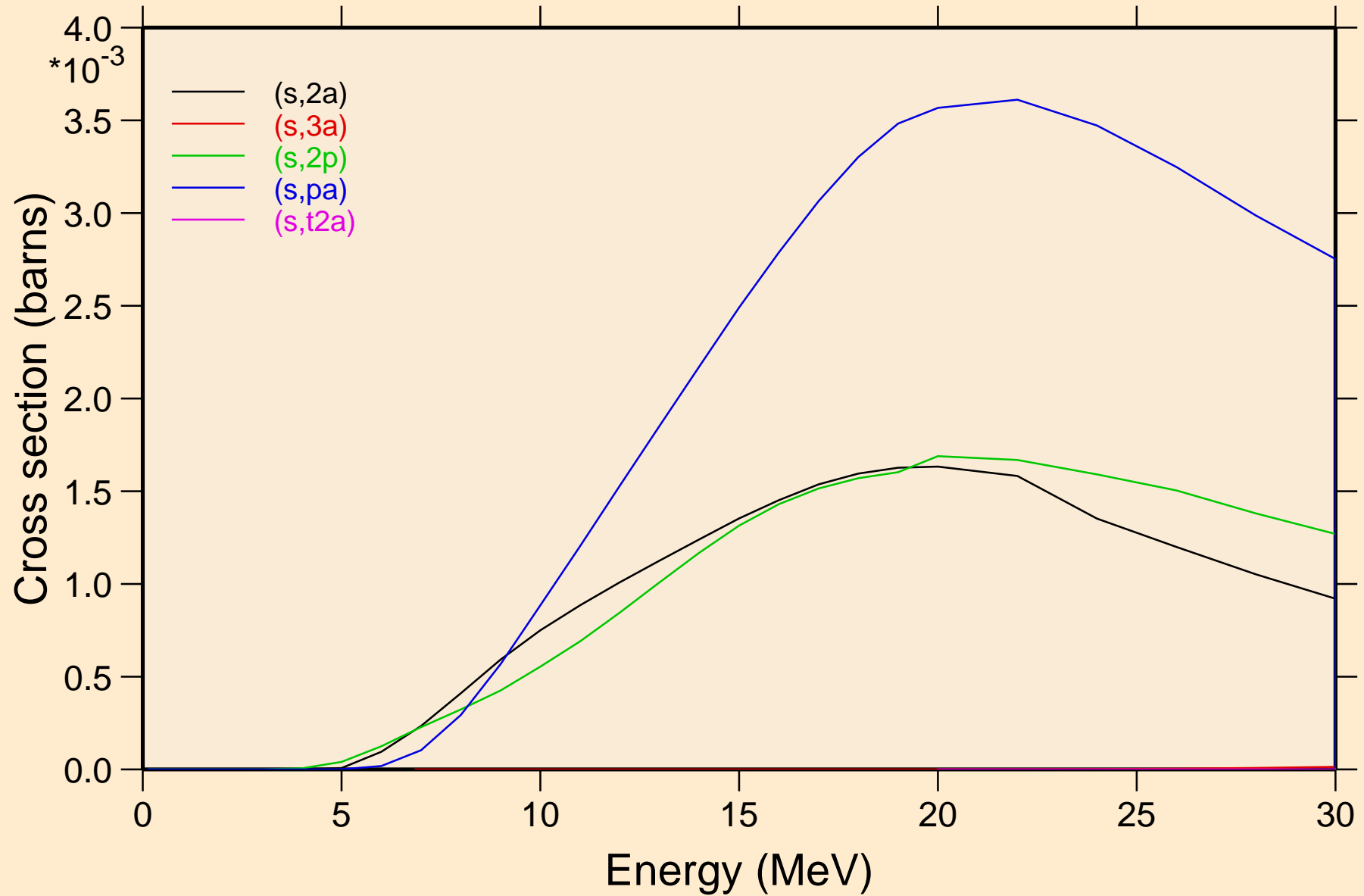
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Threshold reactions



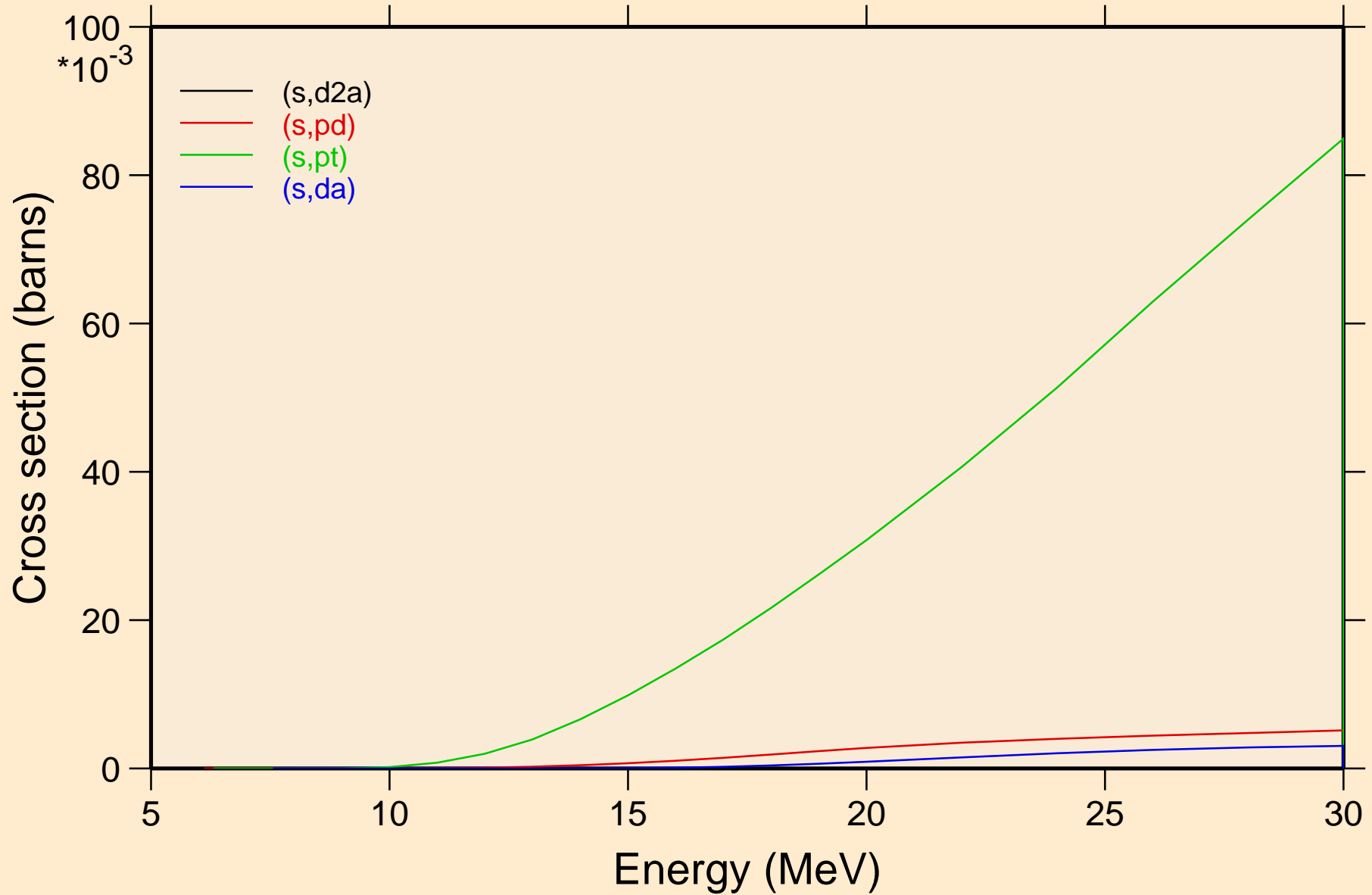
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Threshold reactions



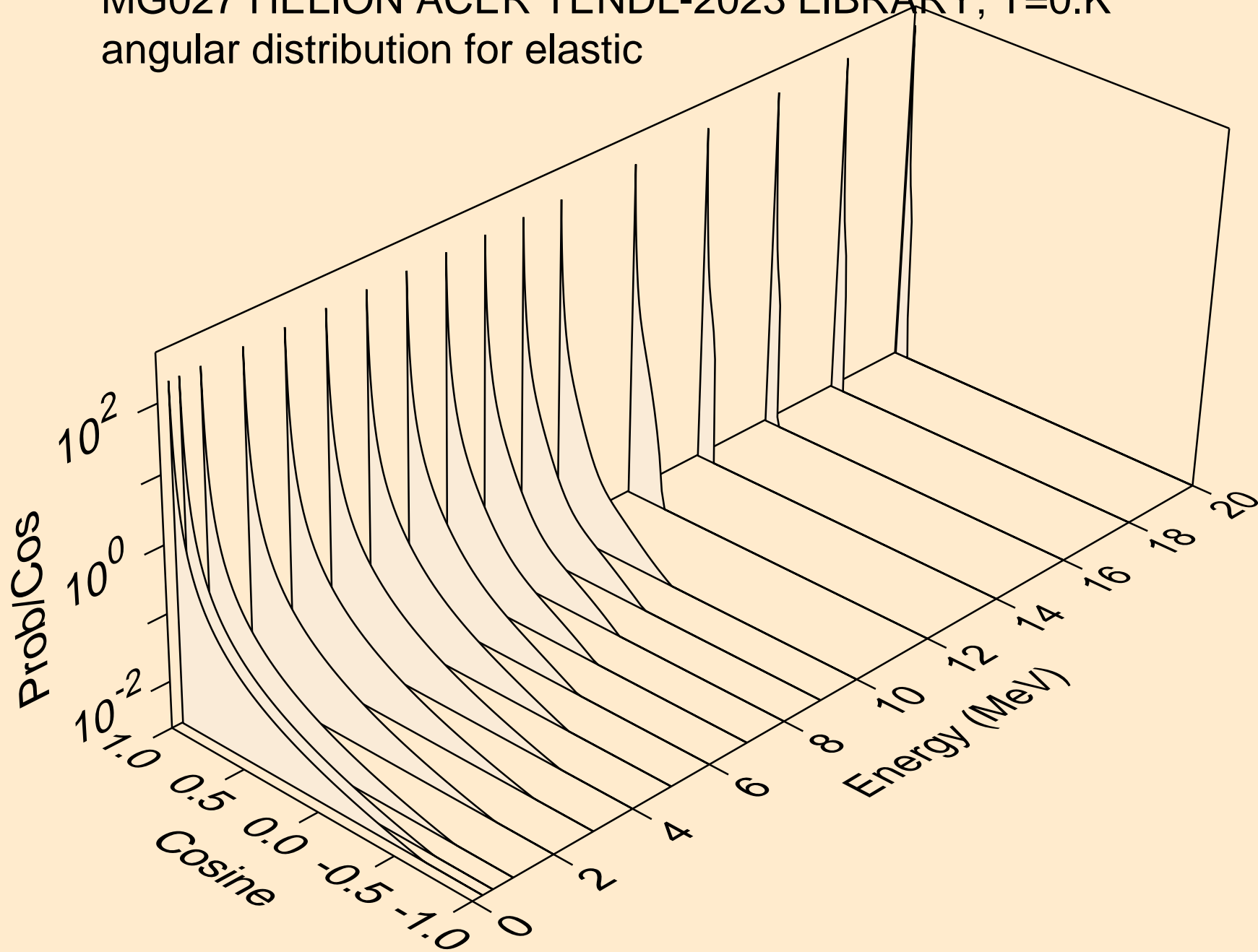
MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



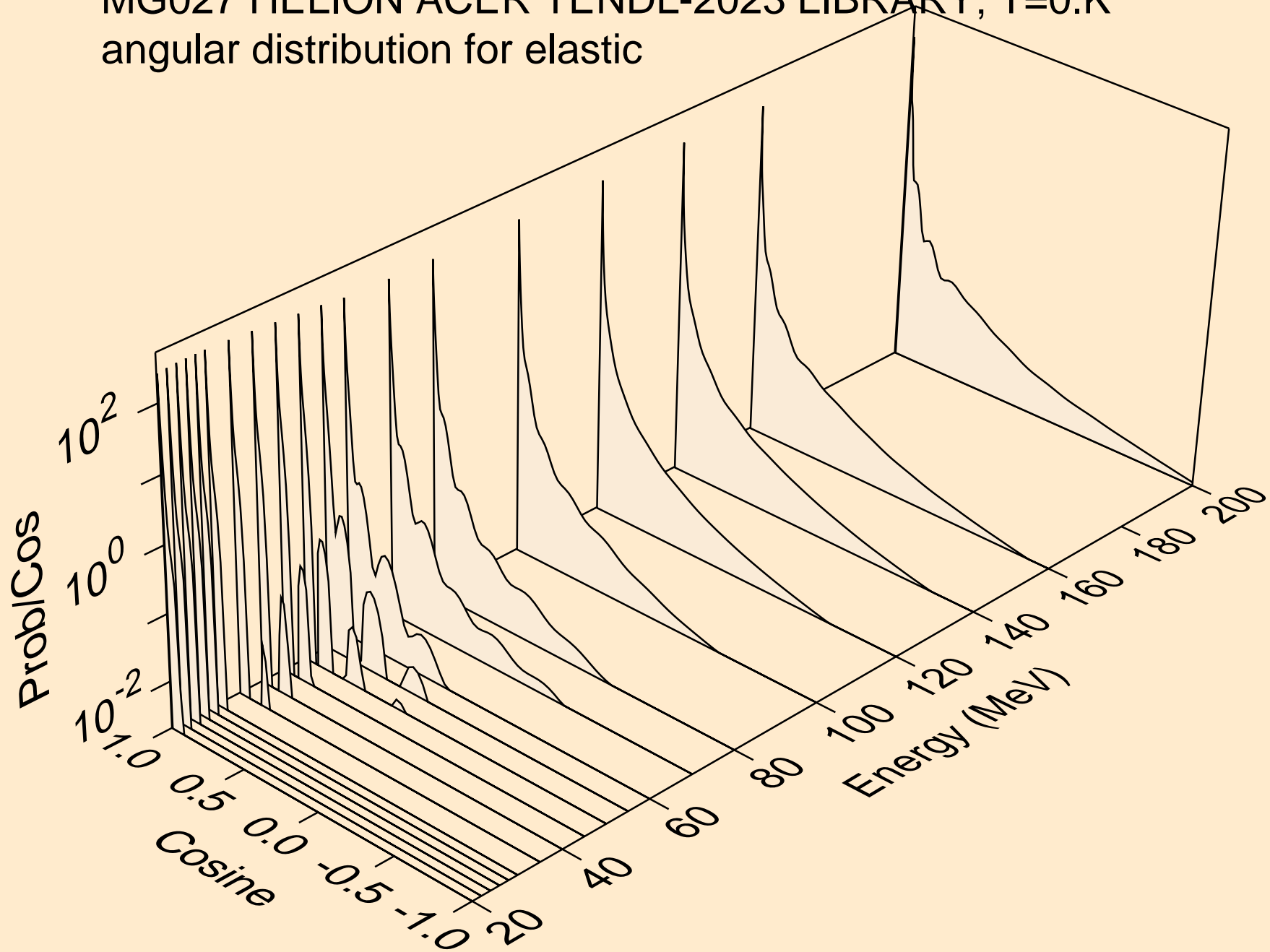
MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



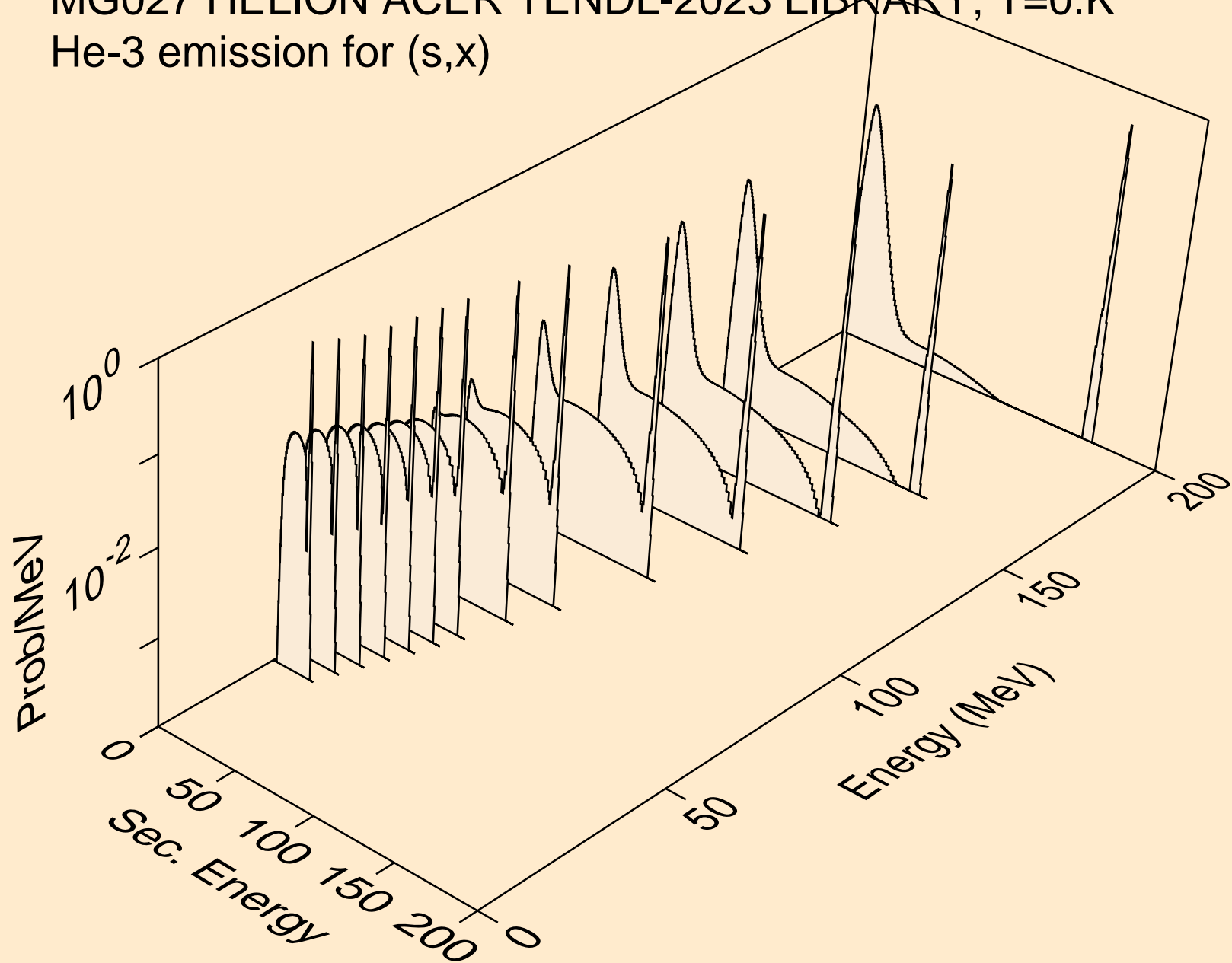
MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

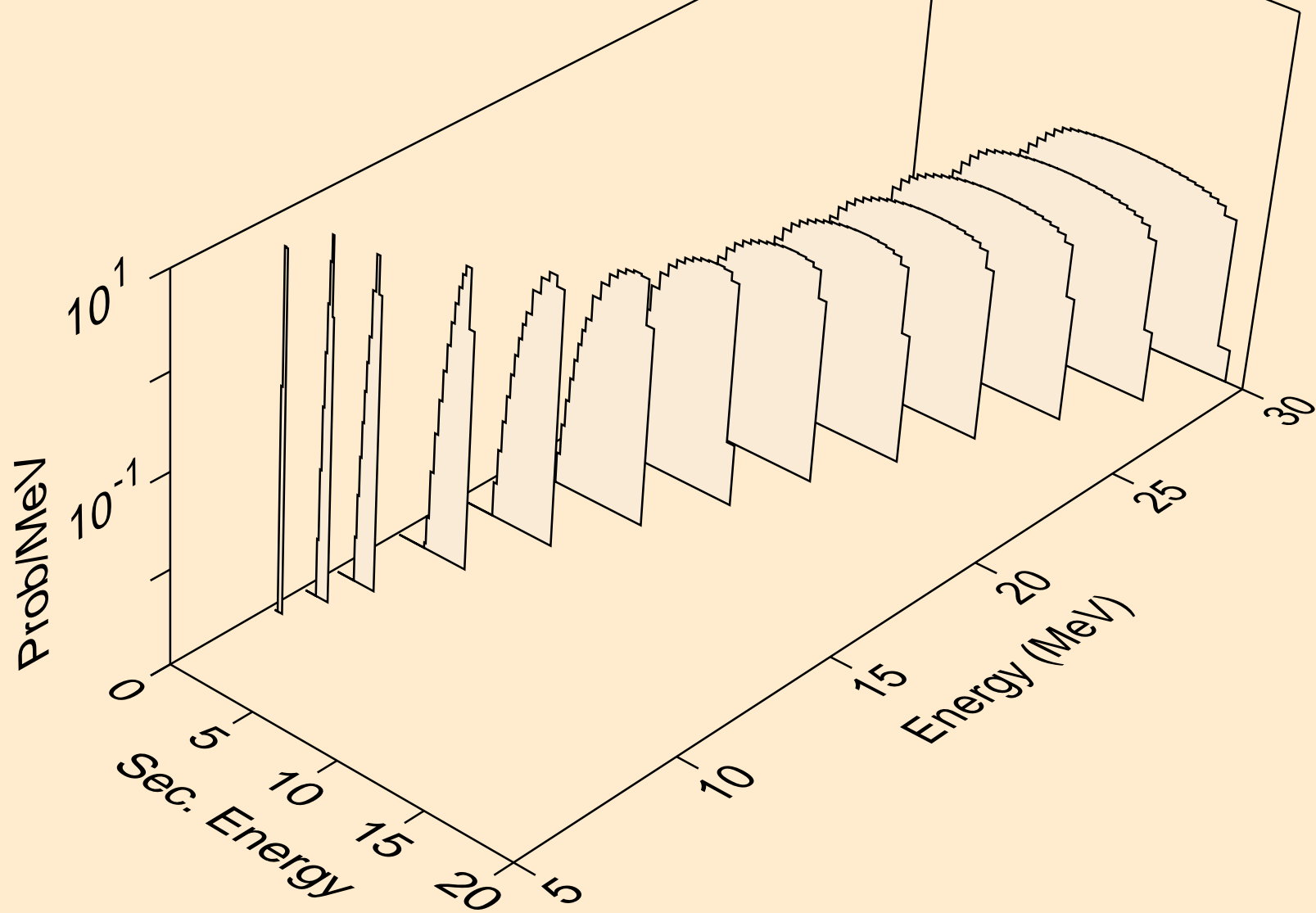


MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,x)

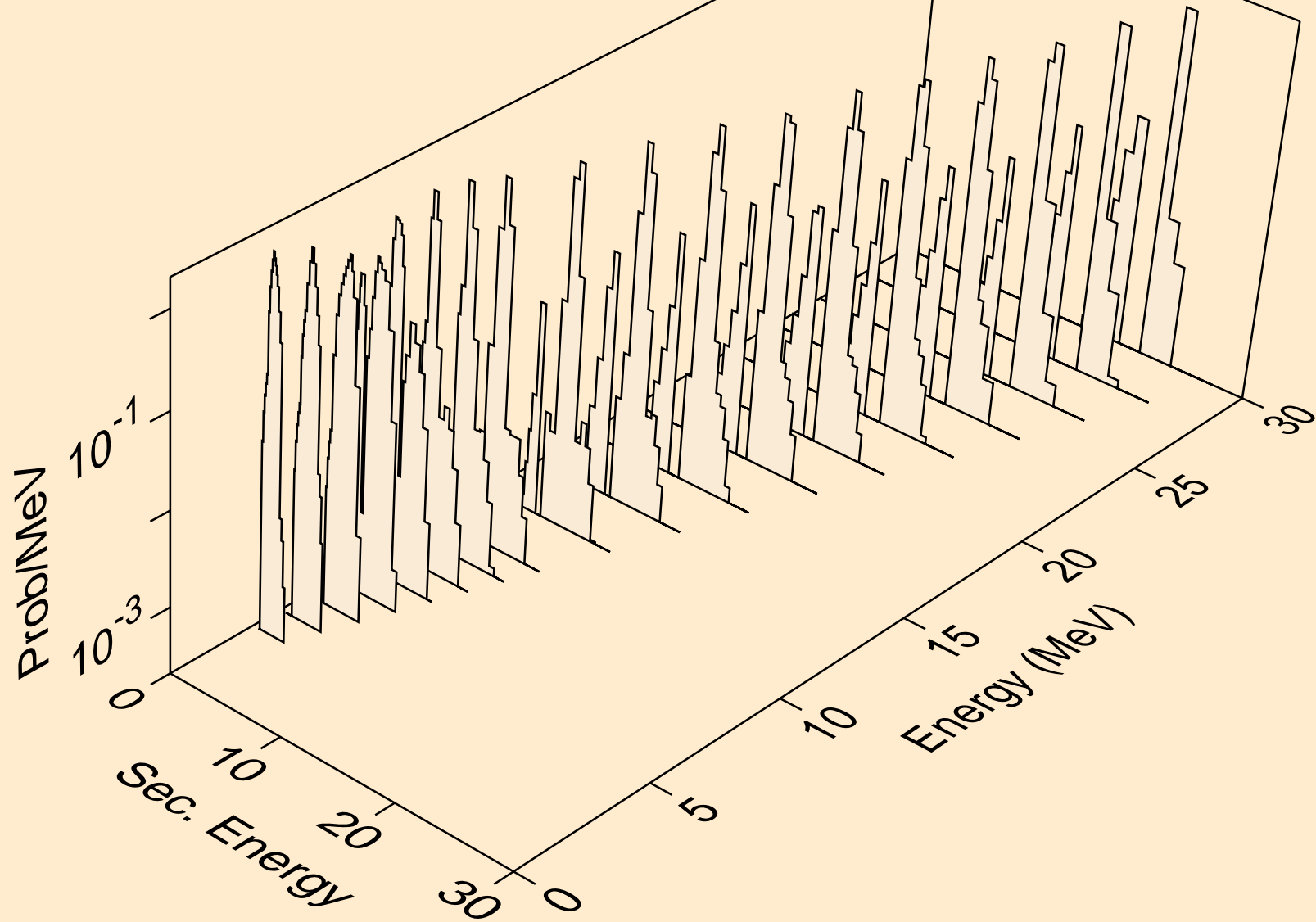




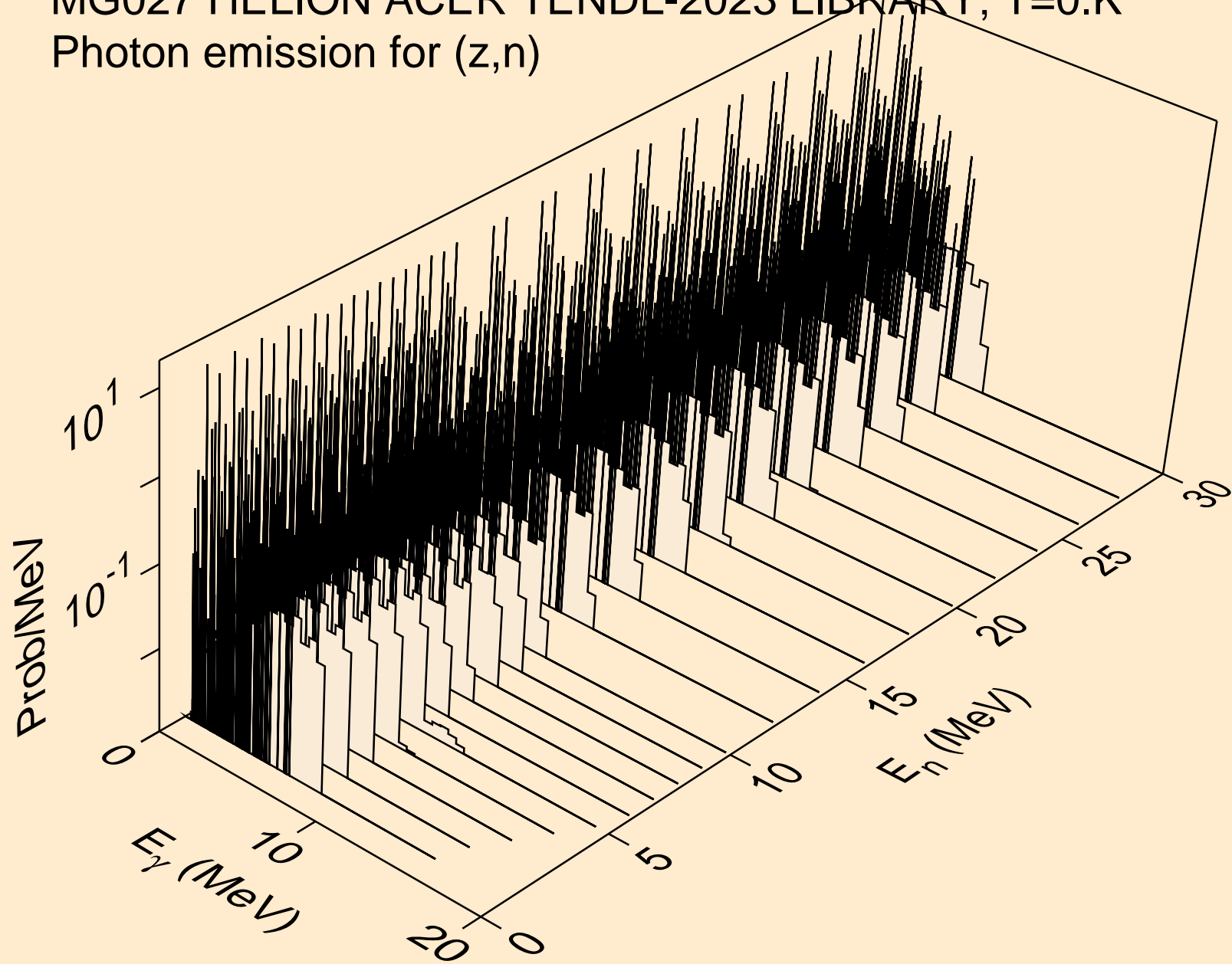
MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3



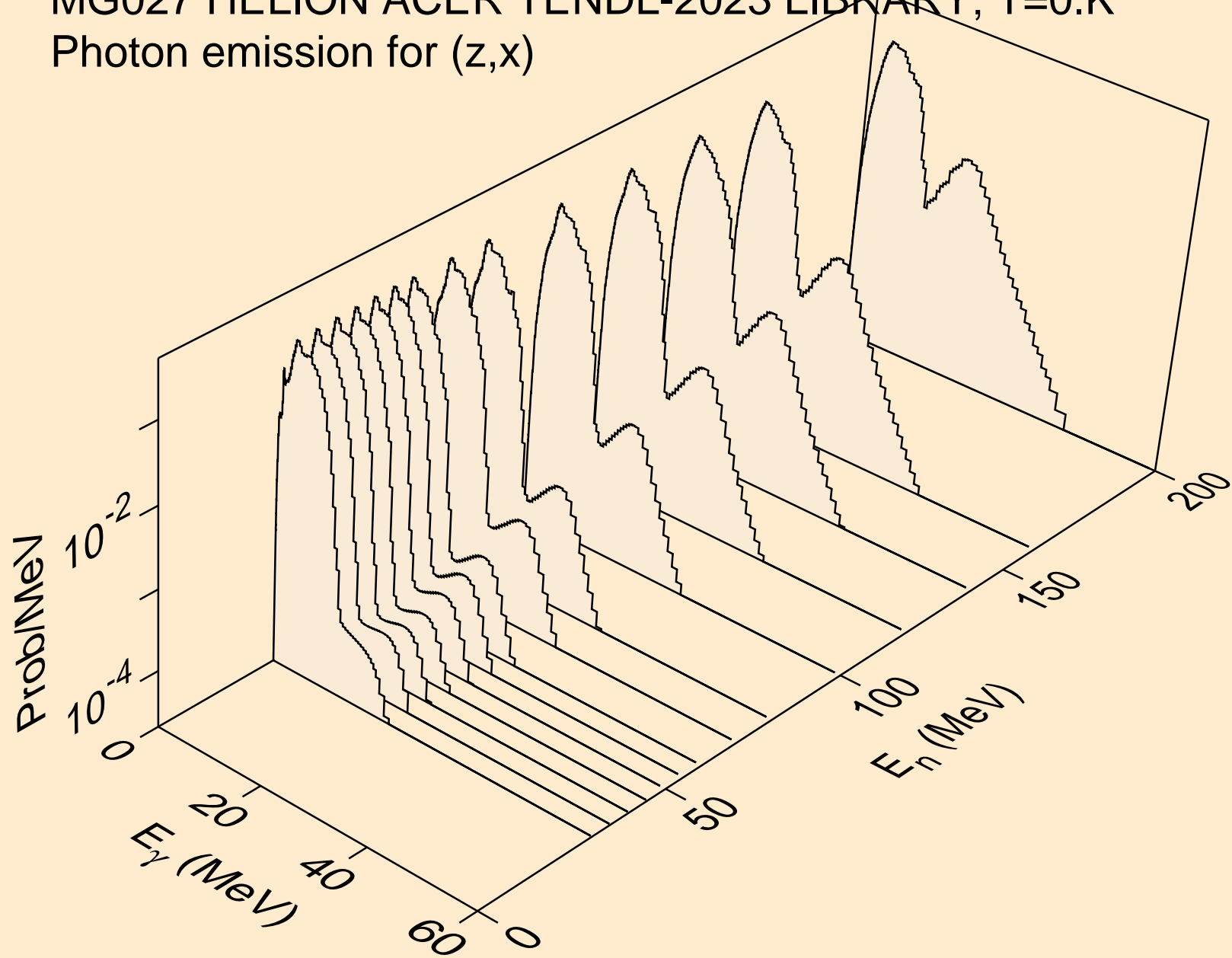
MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for inelastic



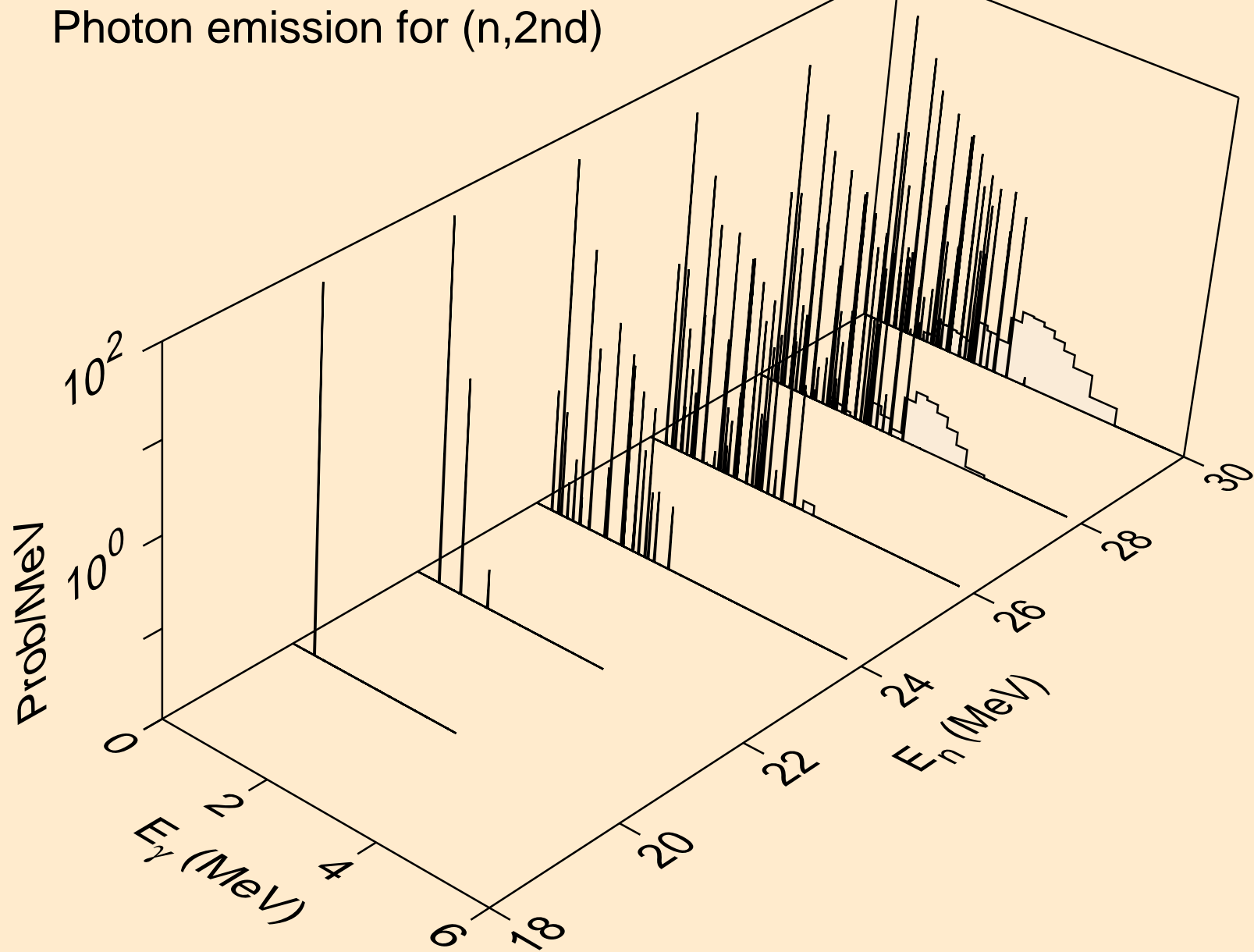
MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



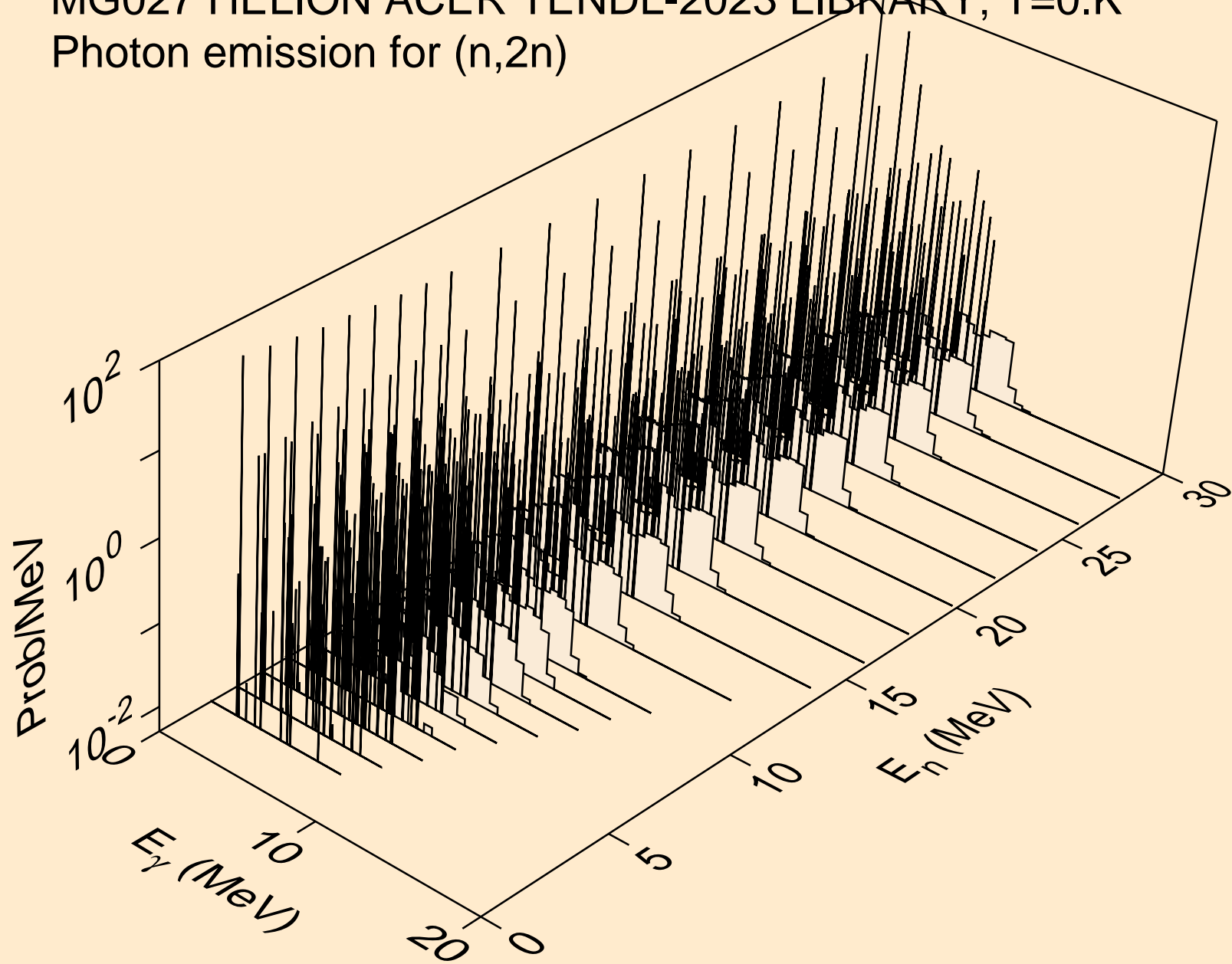
MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



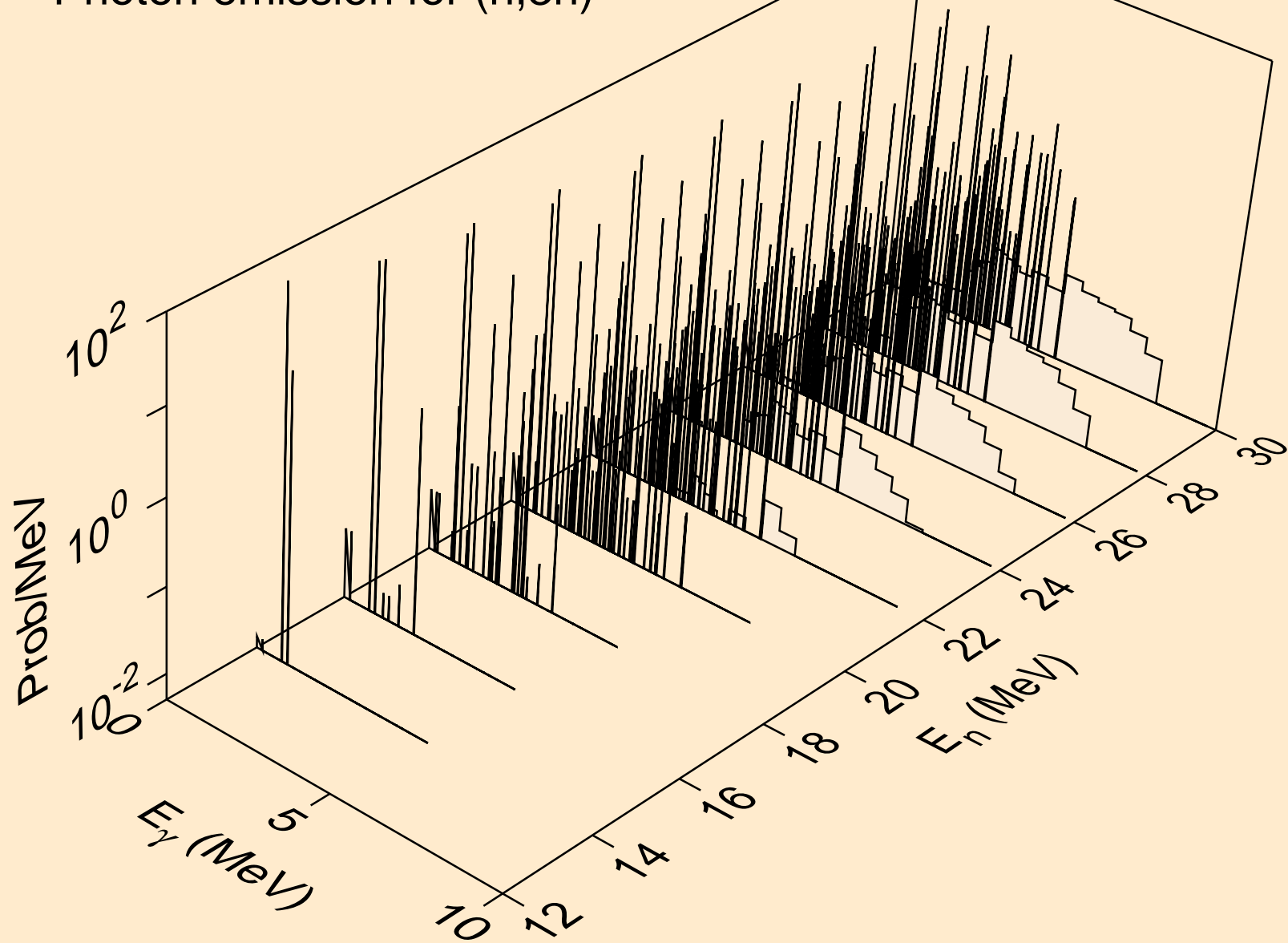
MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



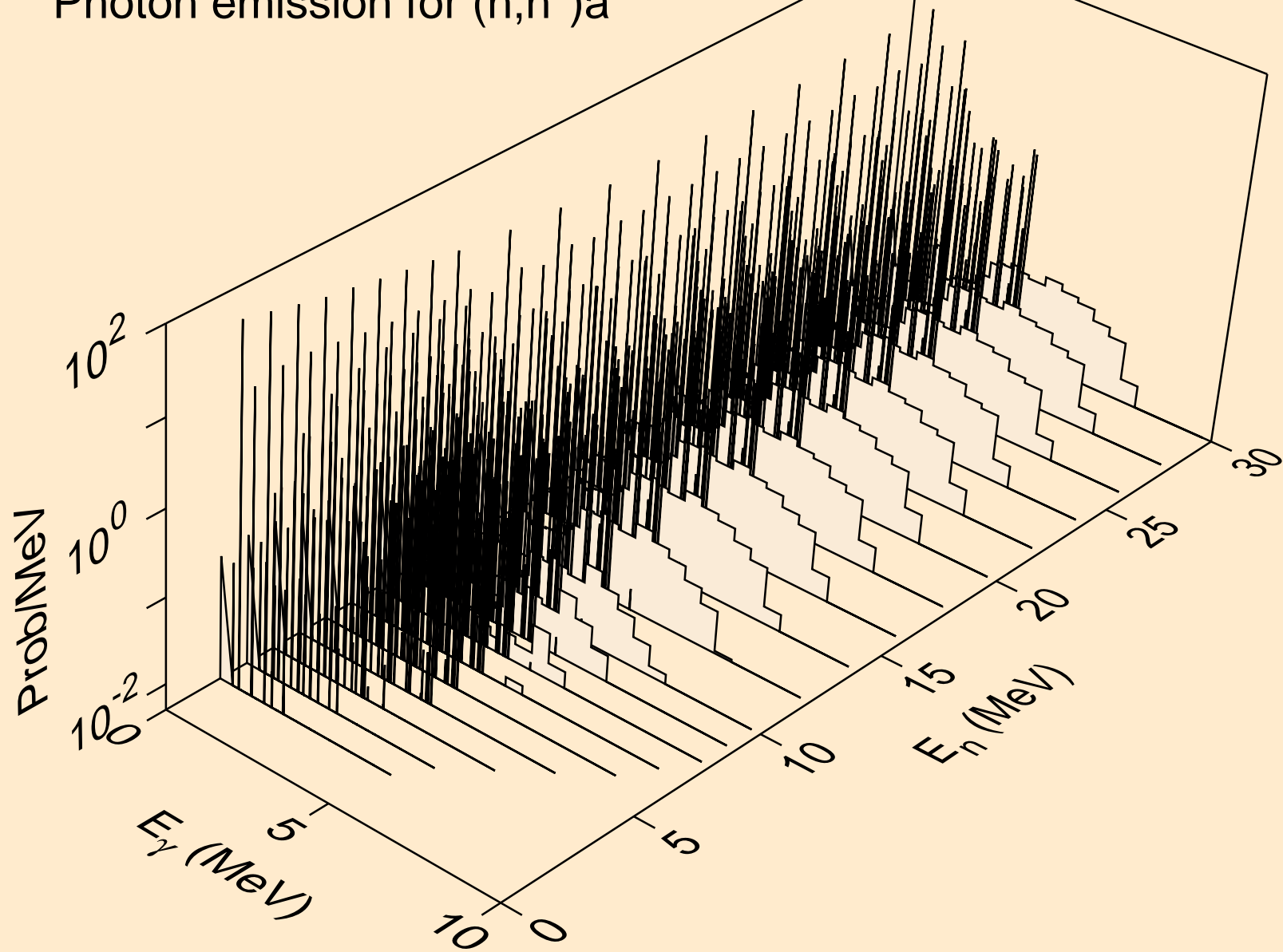
MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)

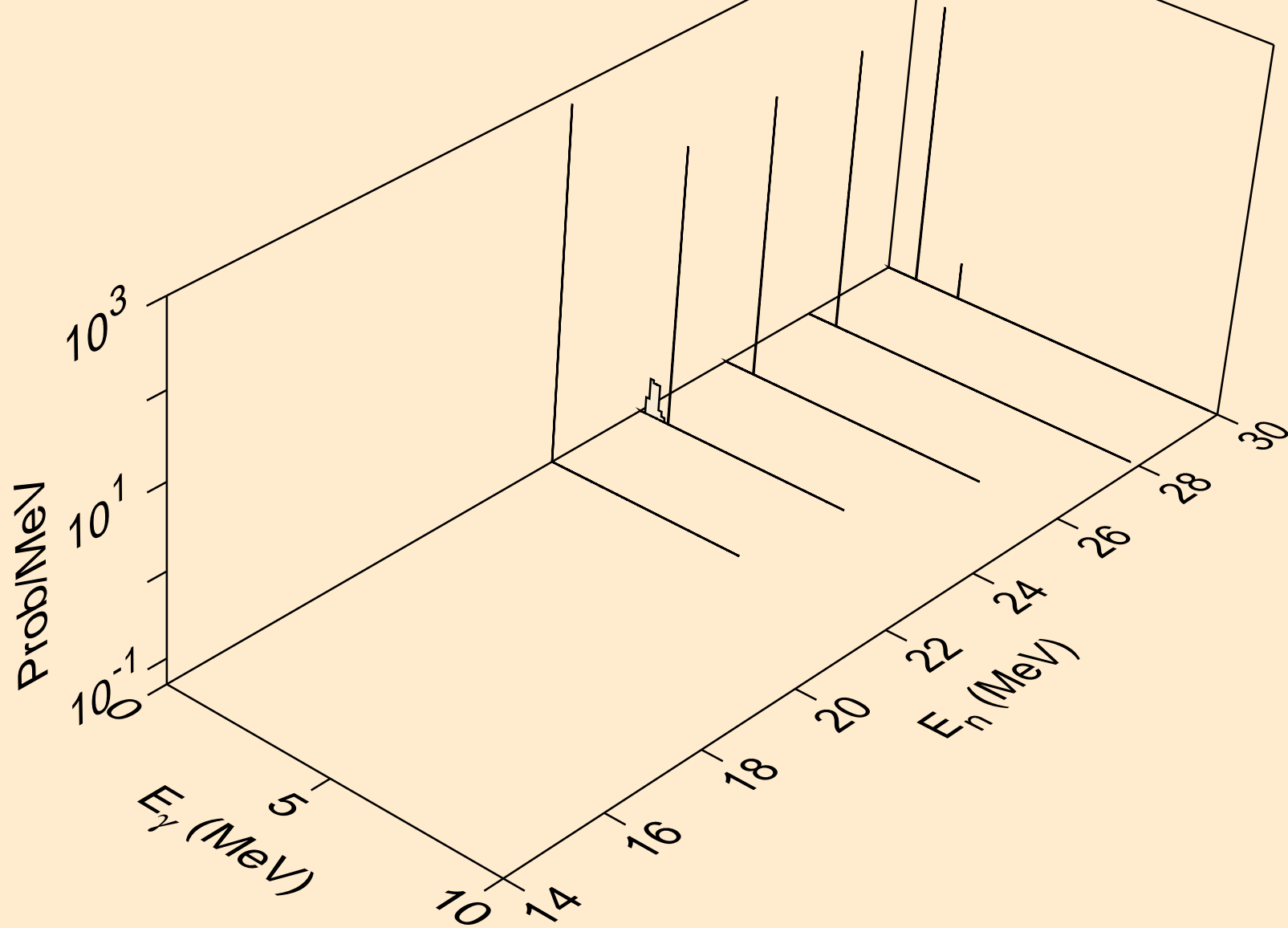


MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

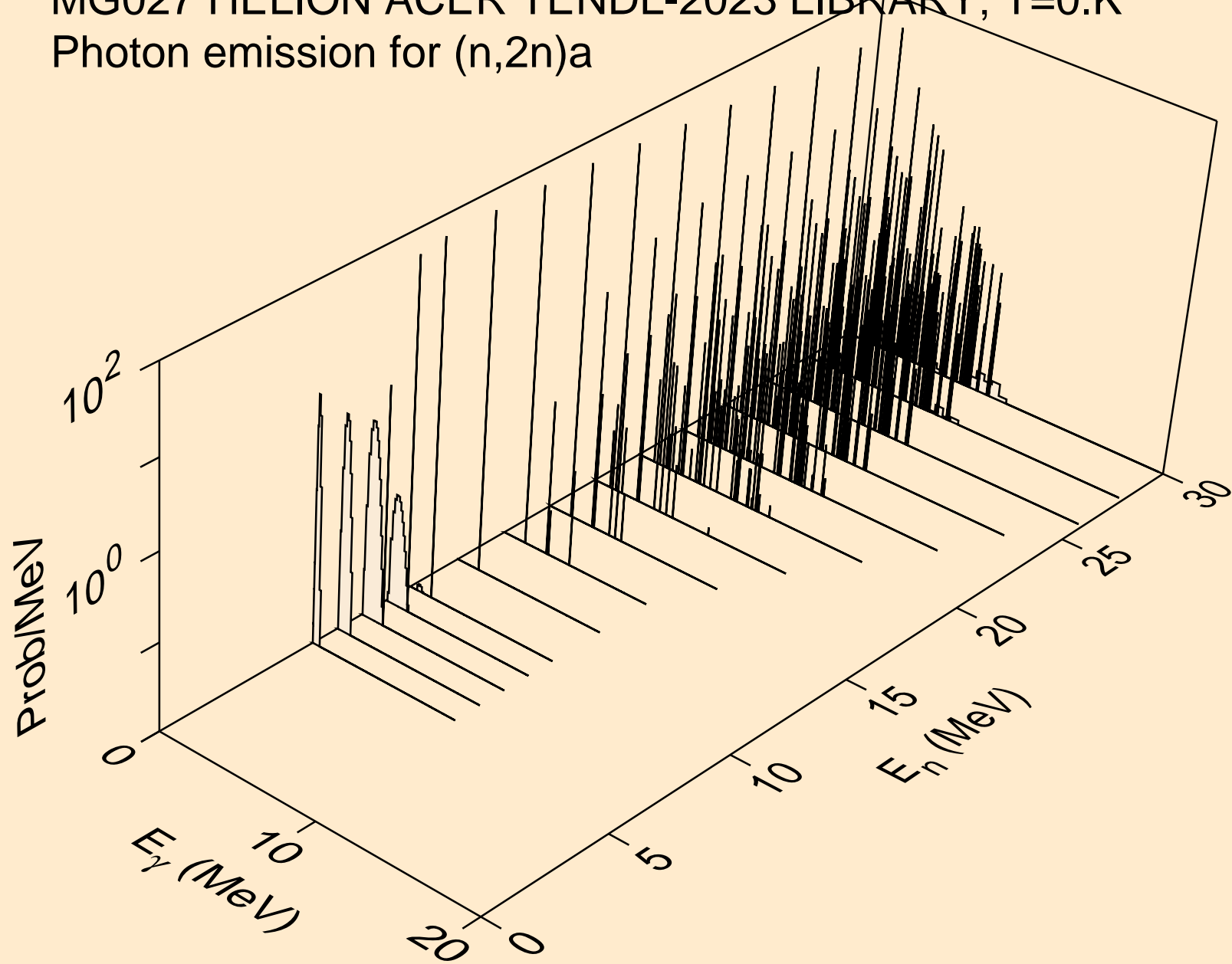




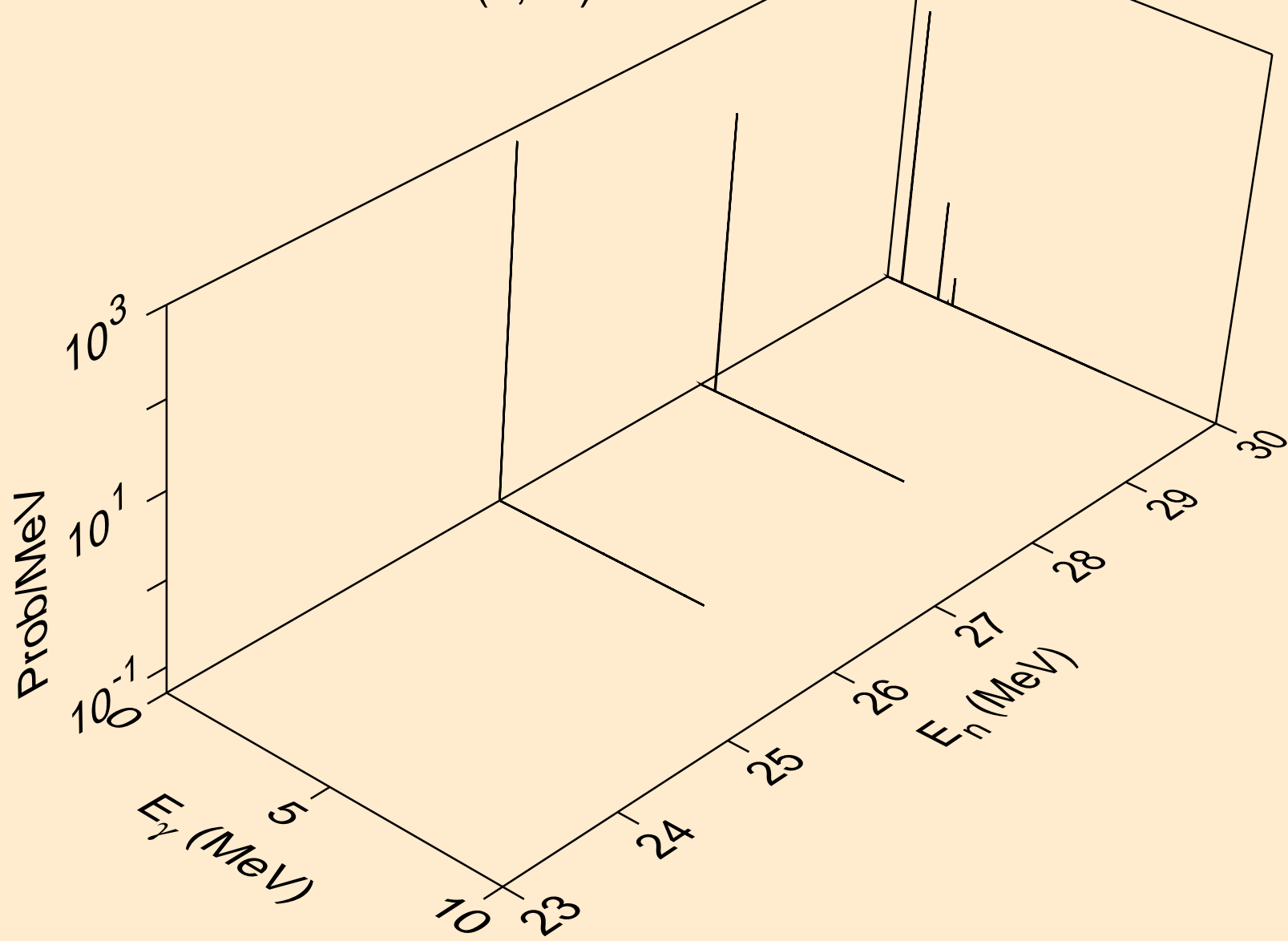
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Photon emission for (n,n\*)3a



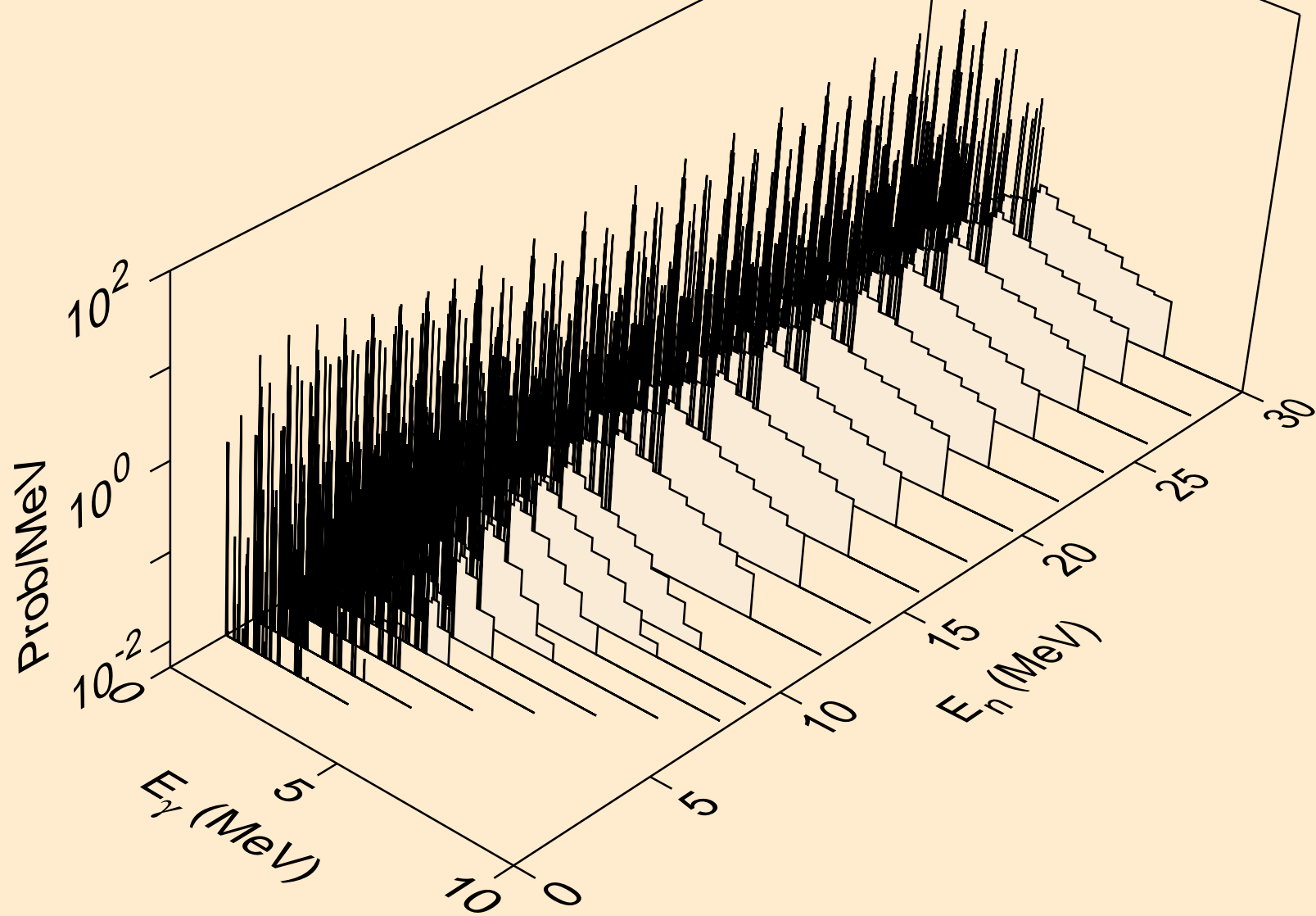
MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



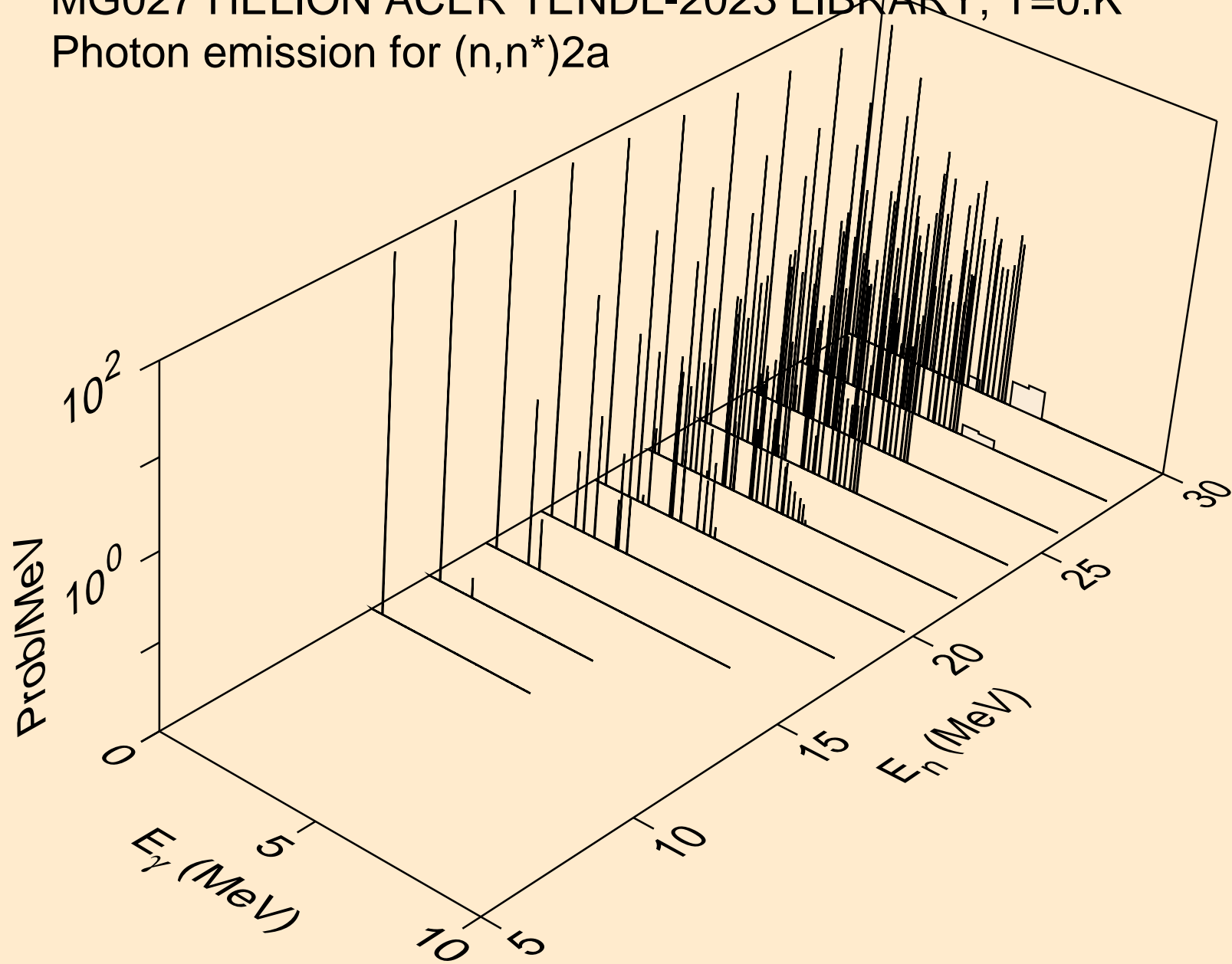
MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



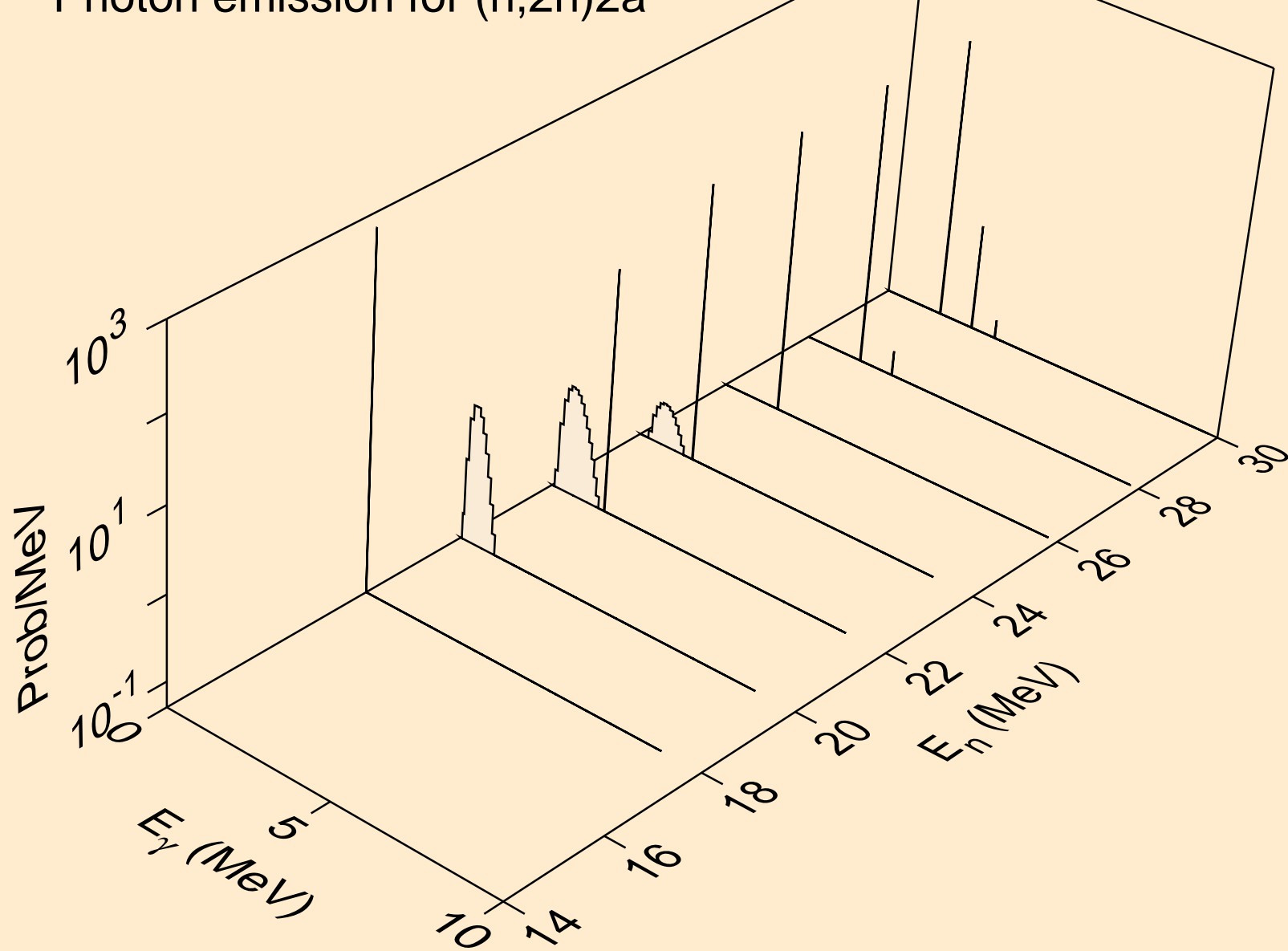
MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



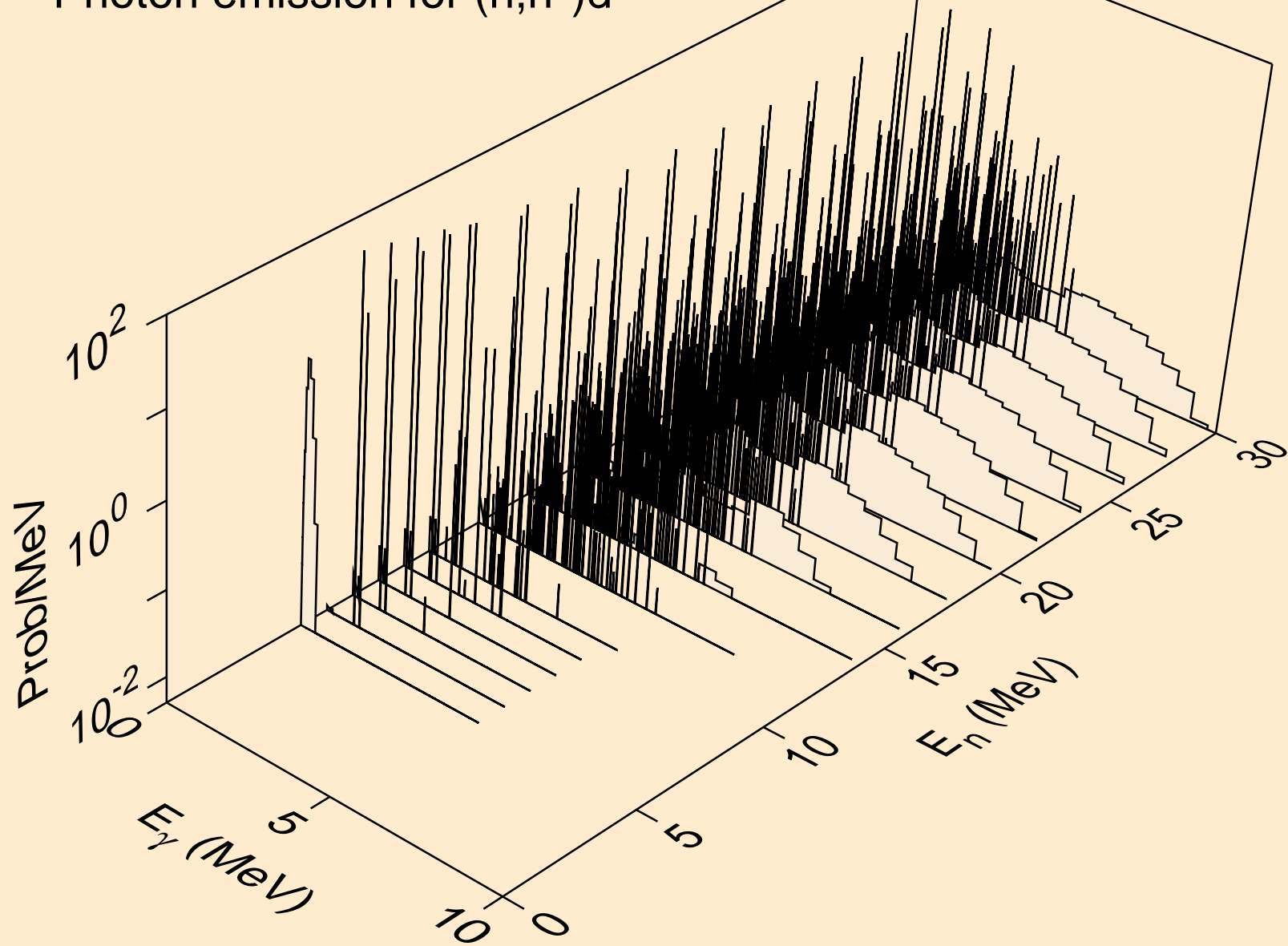
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Photon emission for (n,n\*)2a



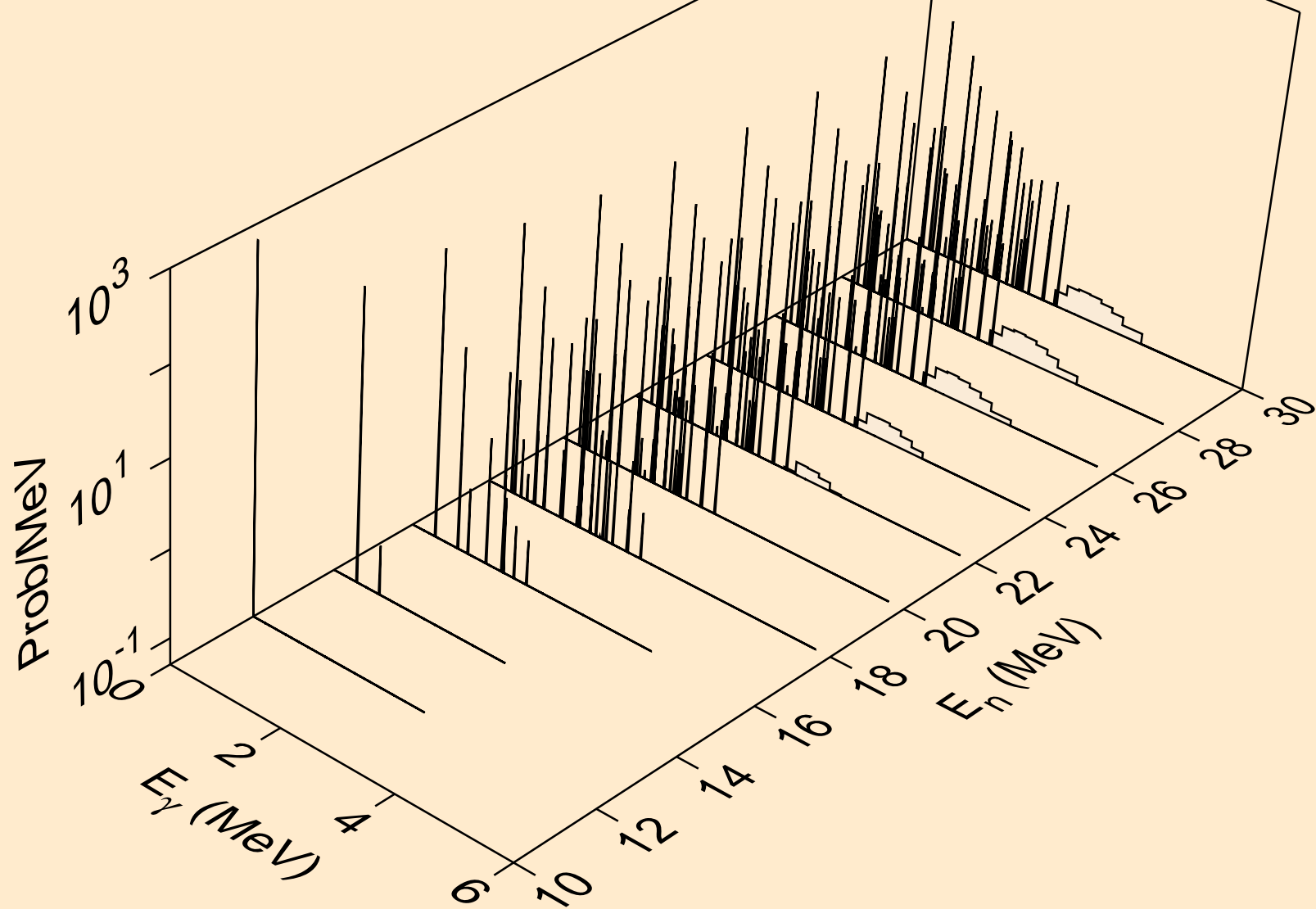
MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)2a



MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

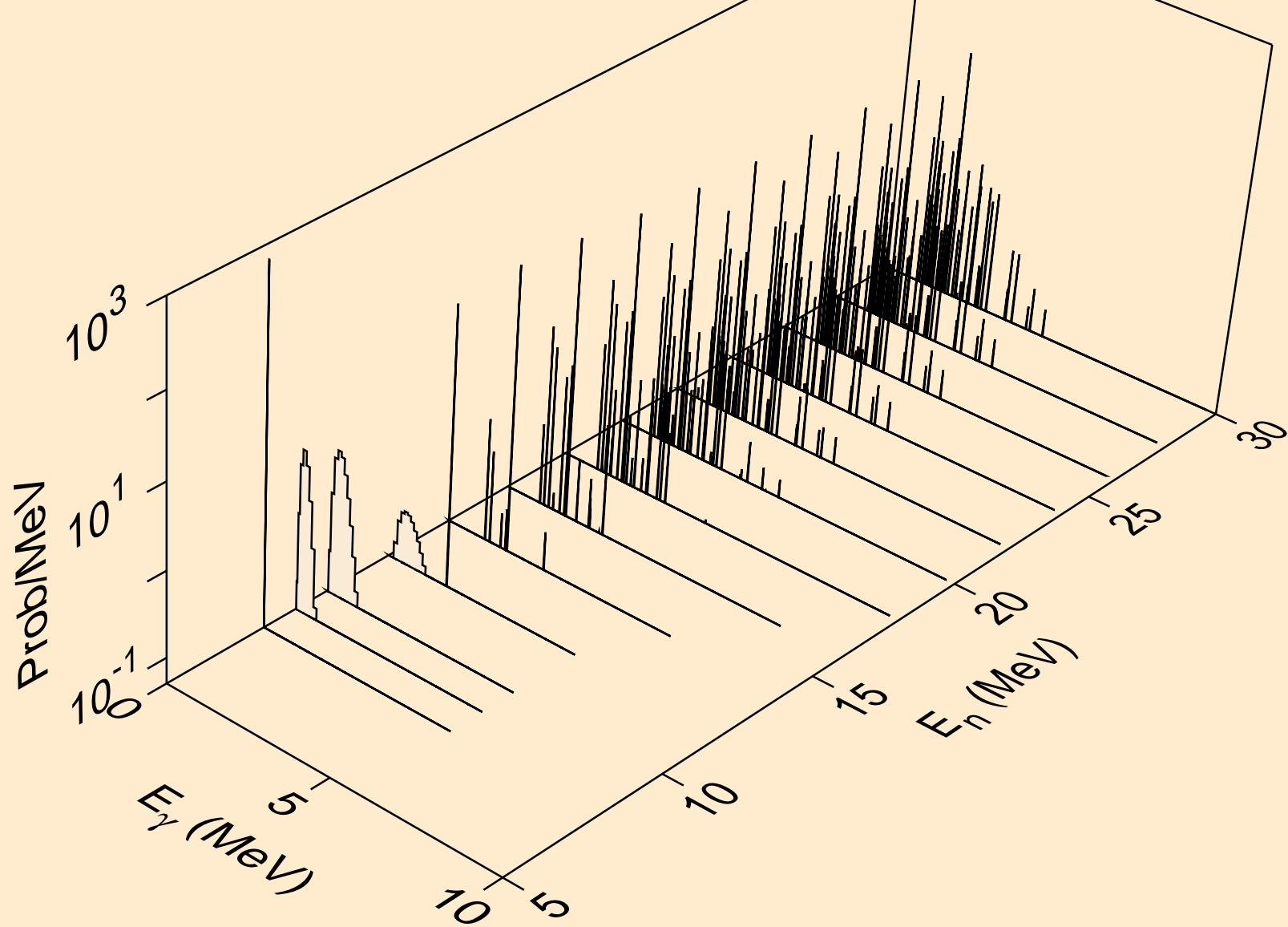


MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

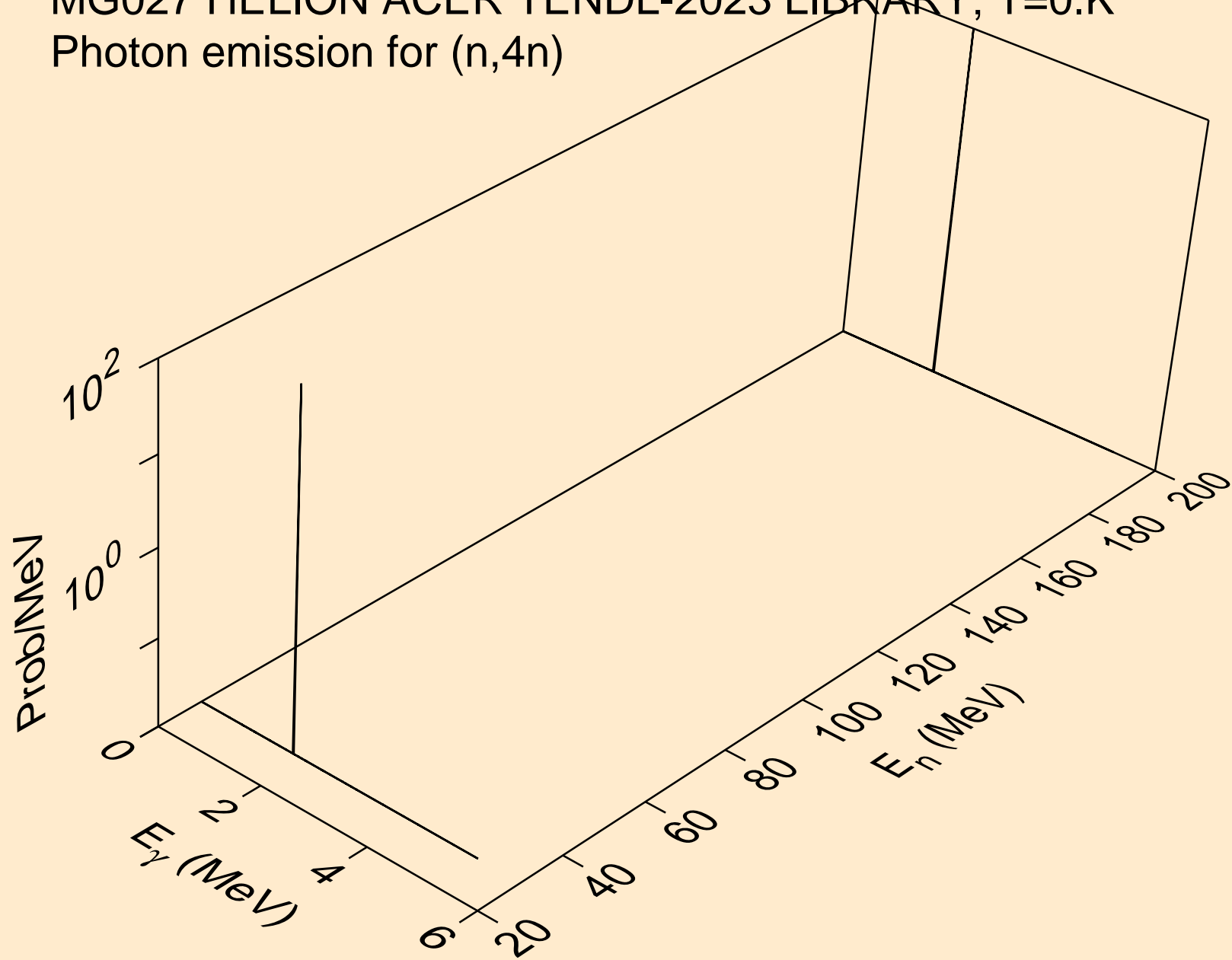




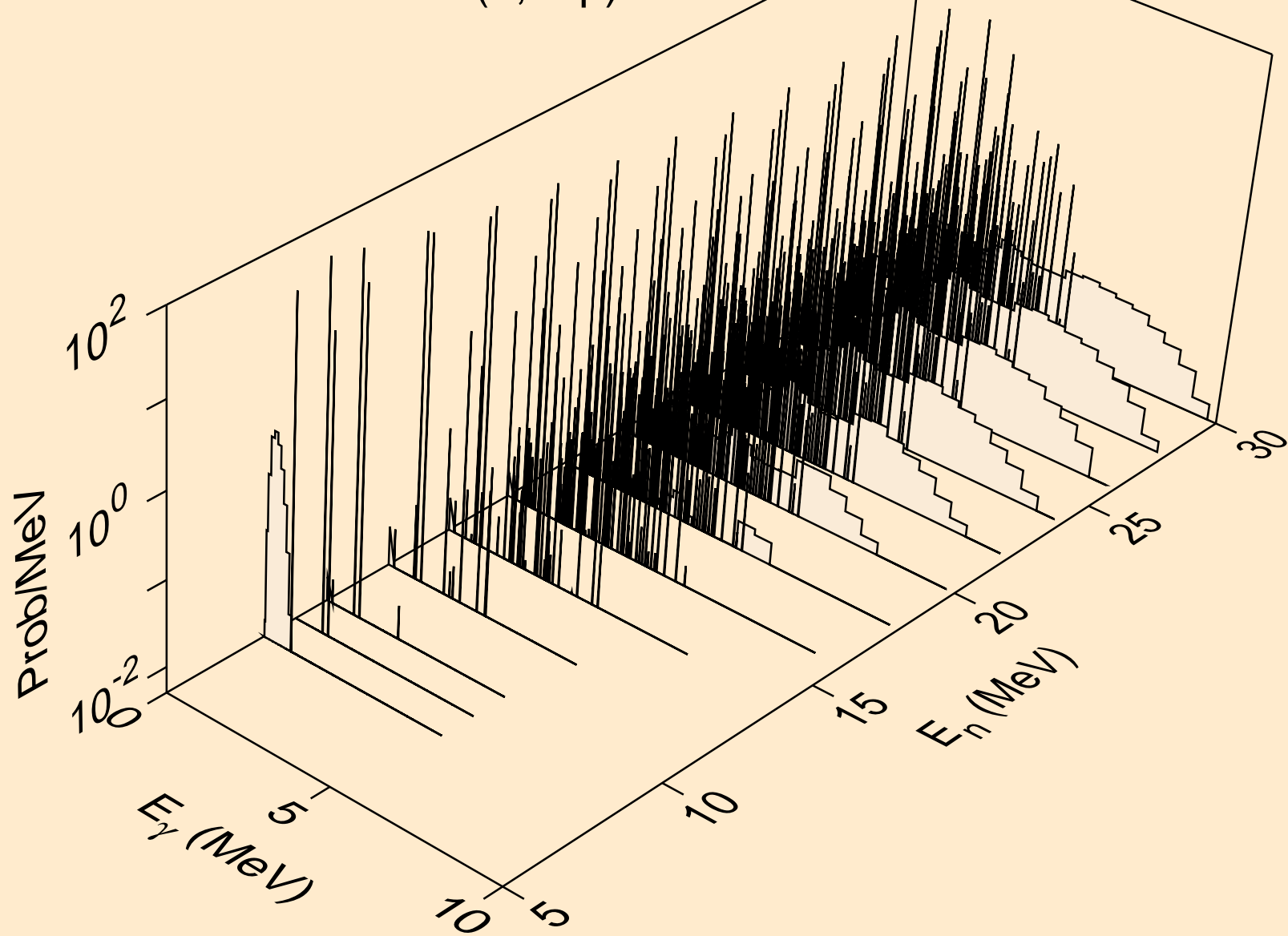
MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



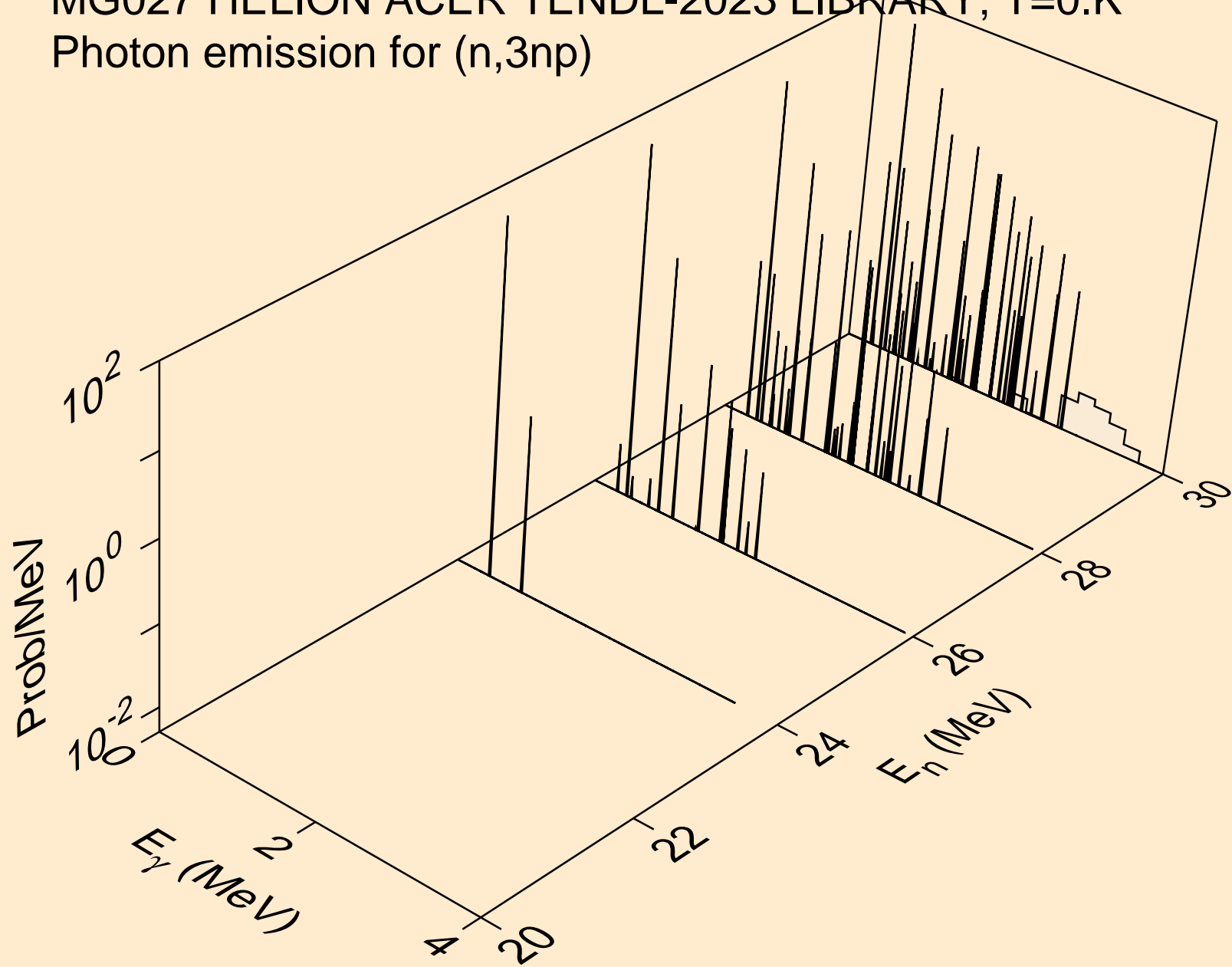
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Photon emission for (n,4n)



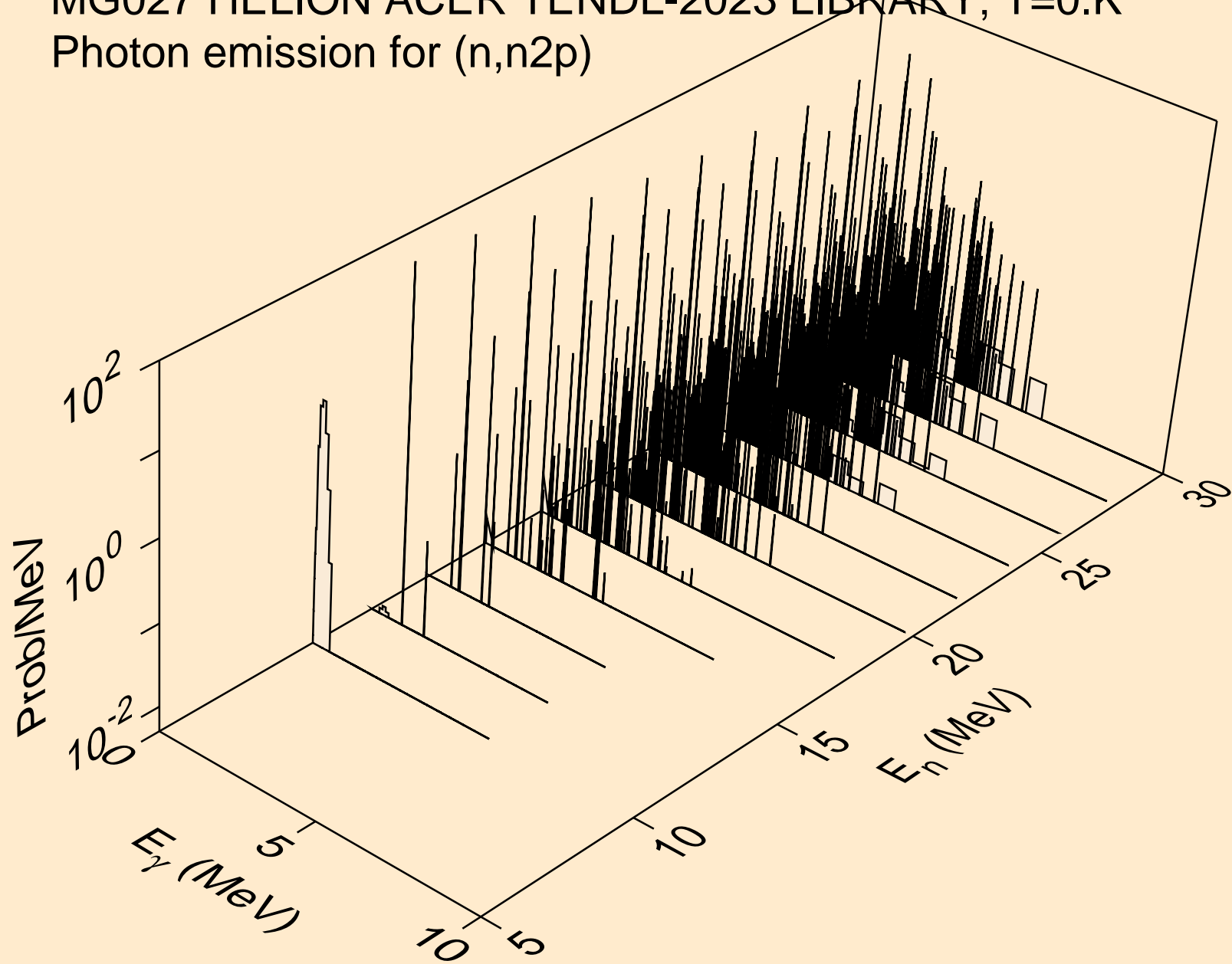
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Photon emission for (n,2np)



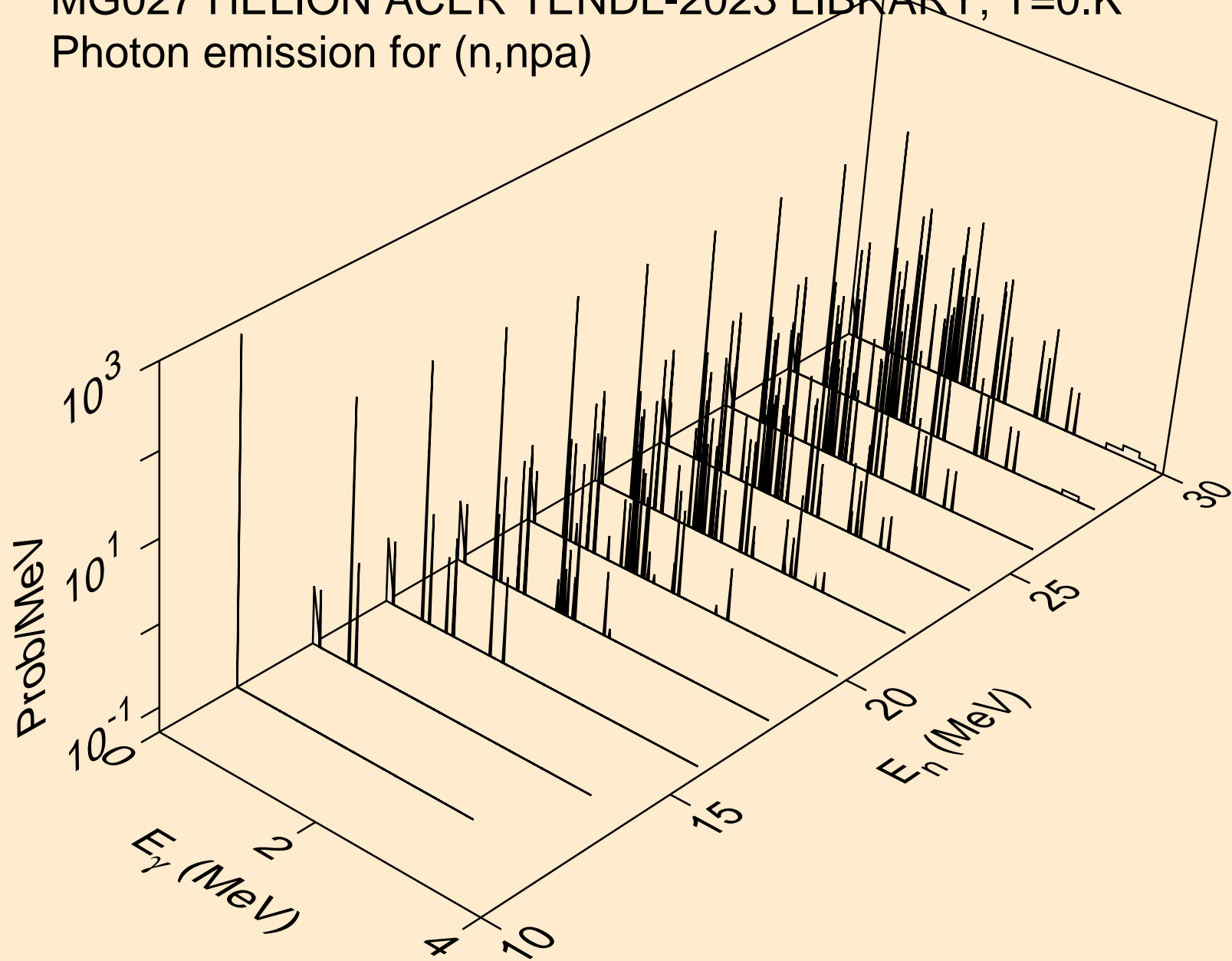
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Photon emission for (n,3np)



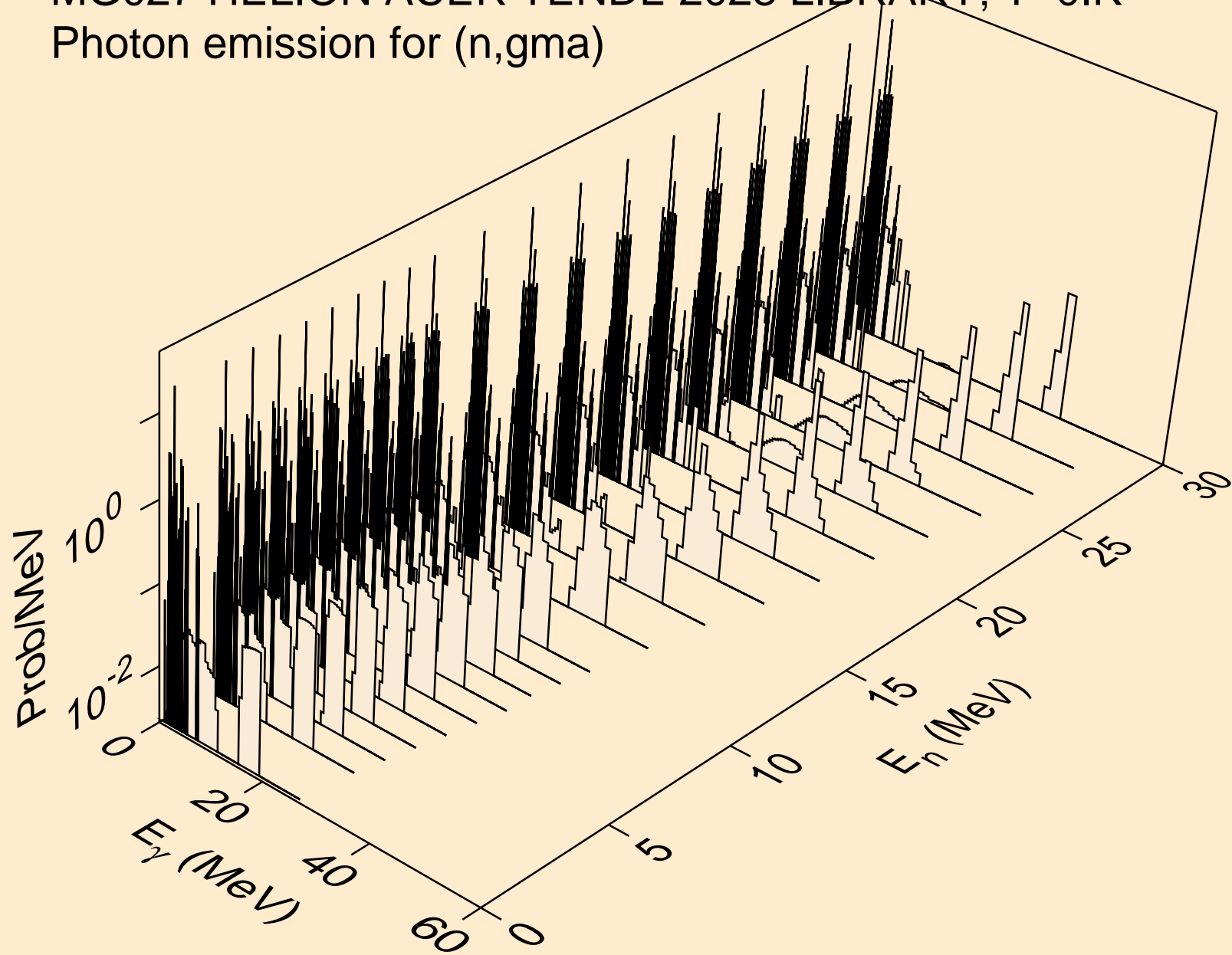
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Photon emission for (n,n2p)



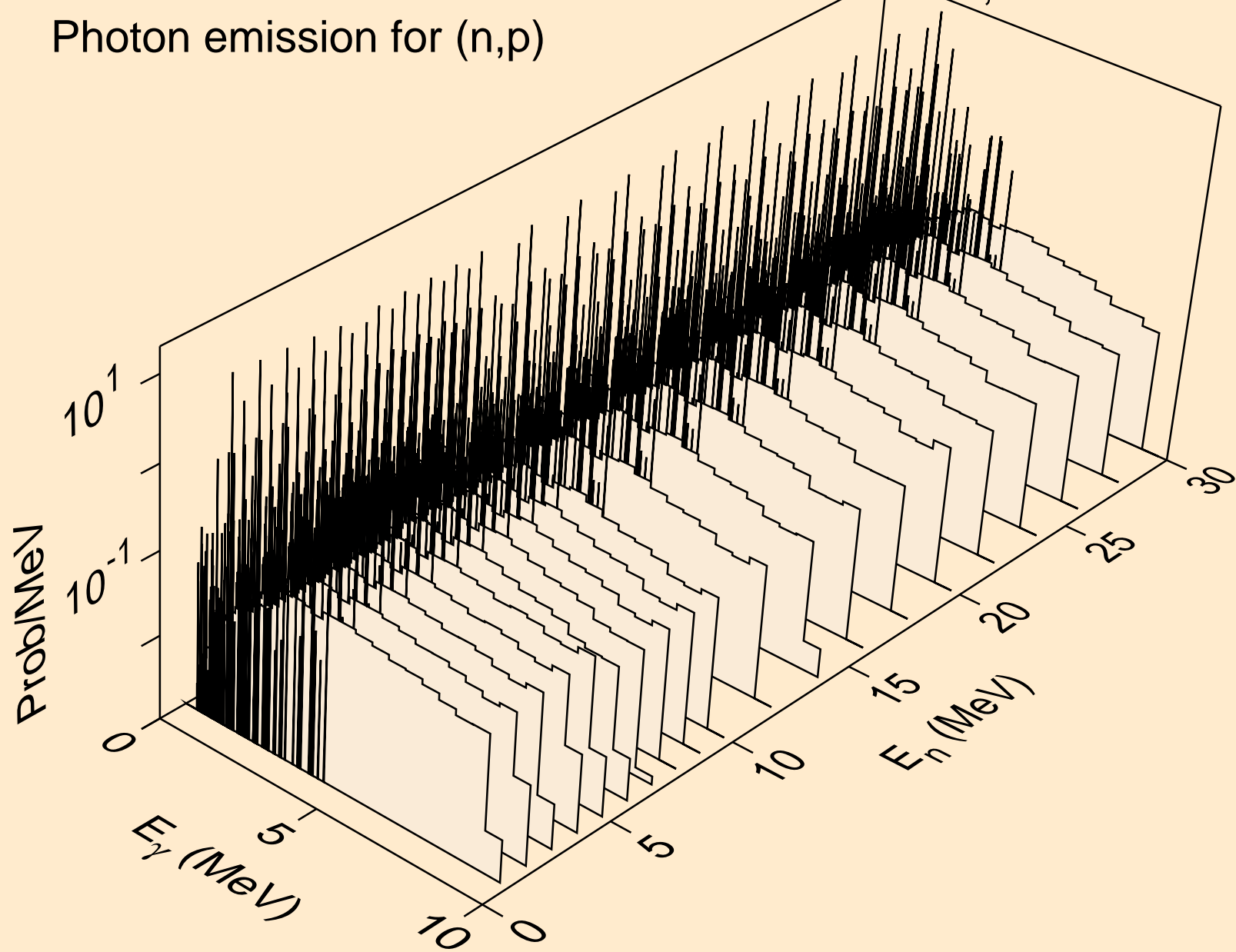
MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)

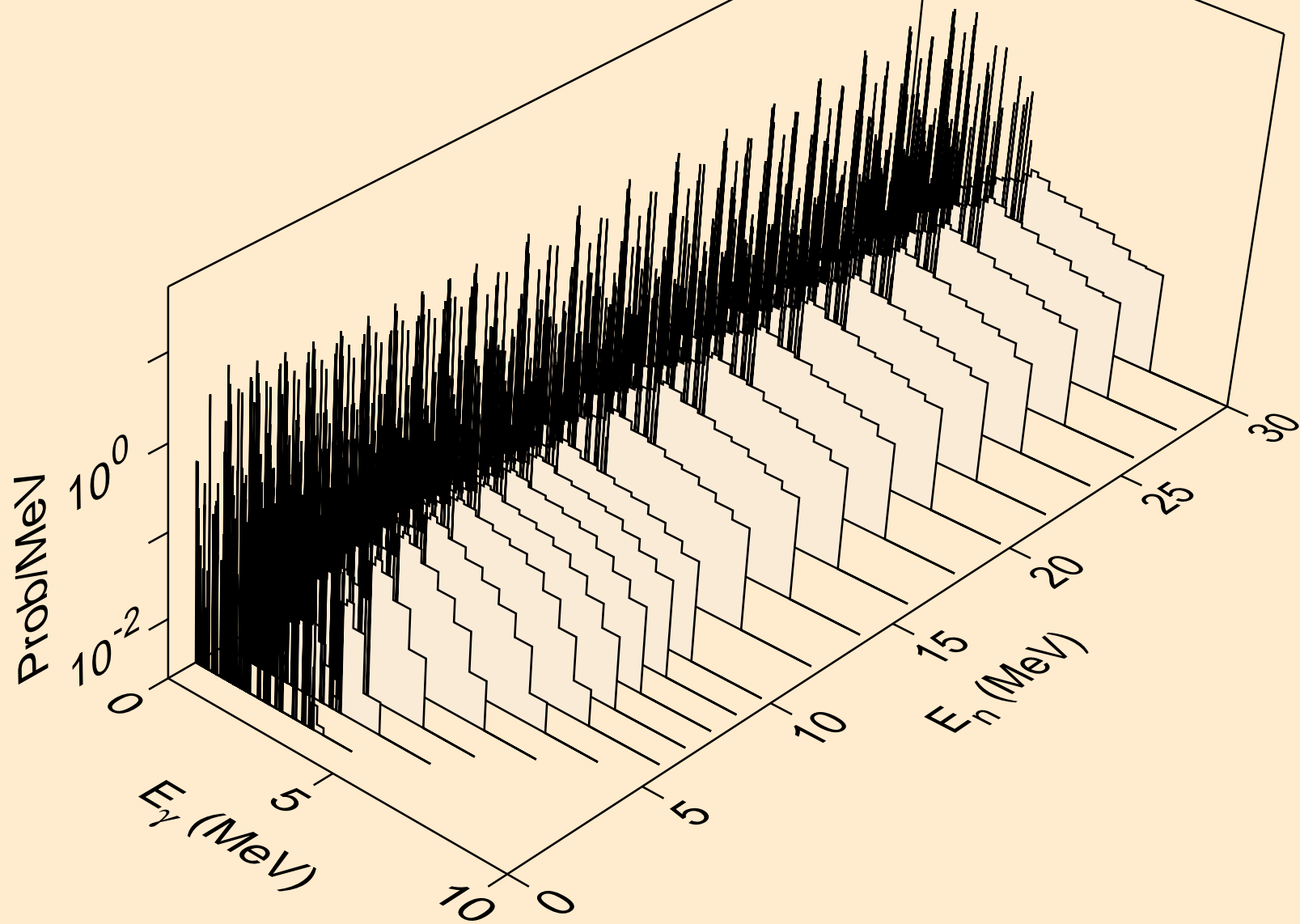


MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)

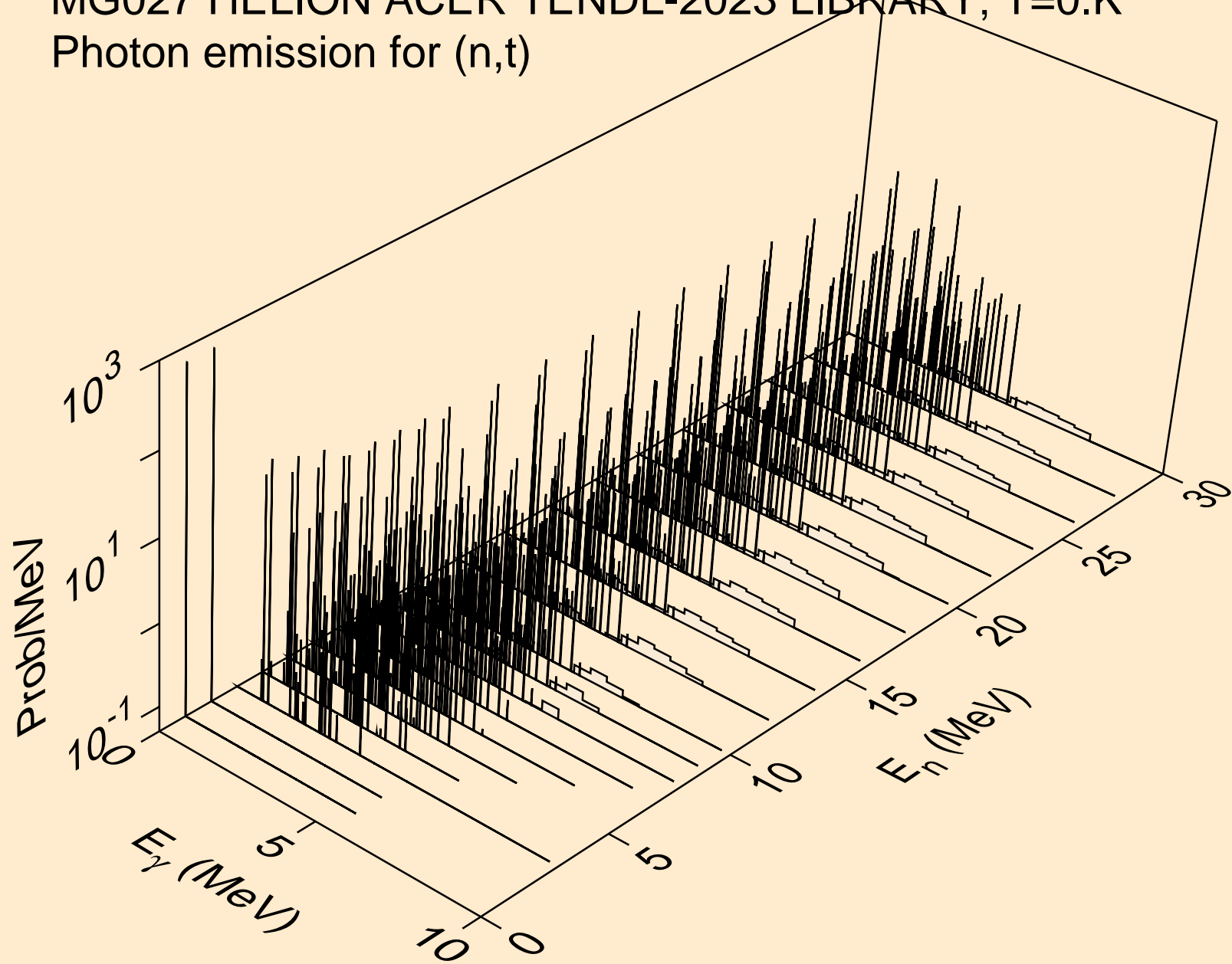




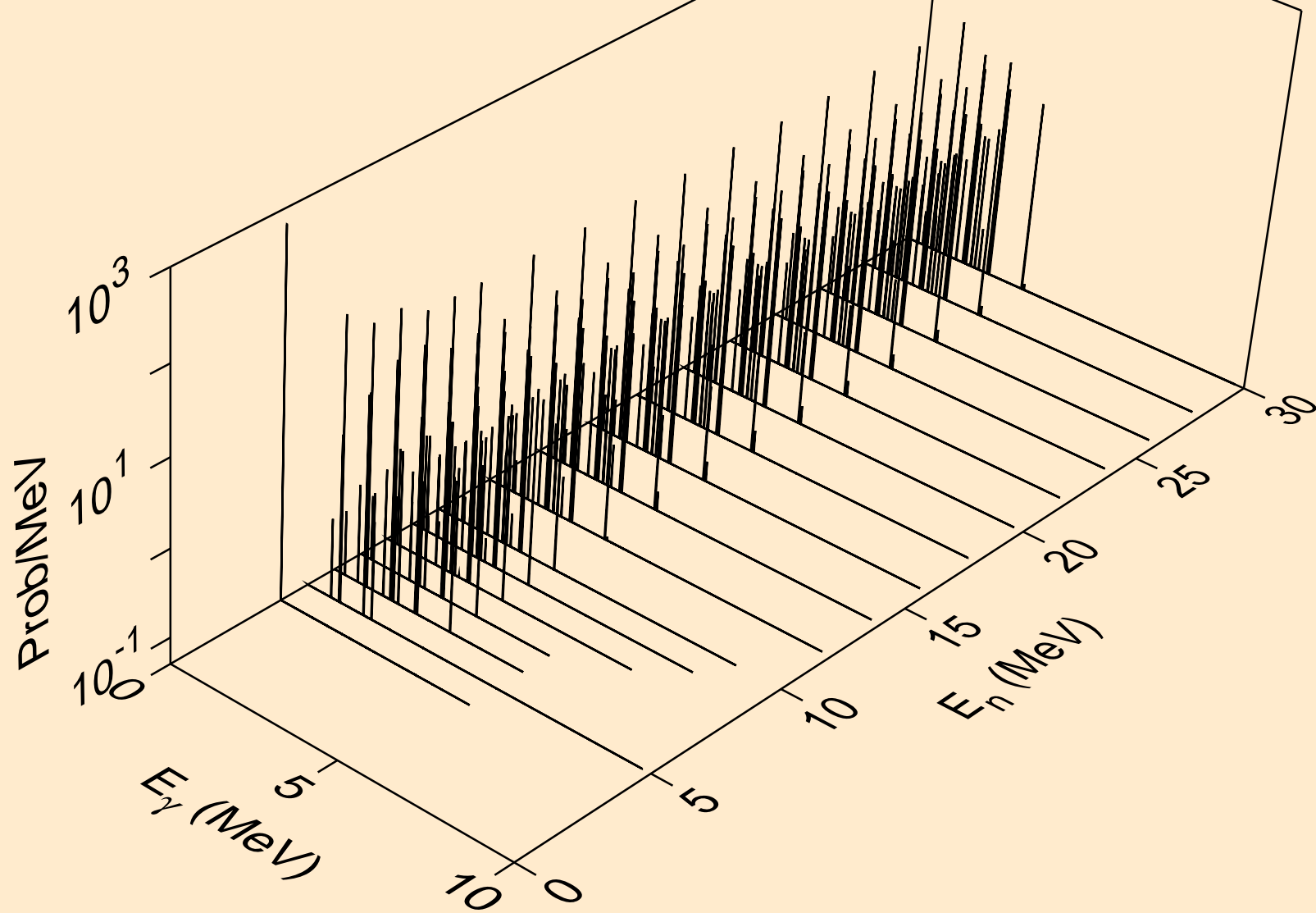
MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



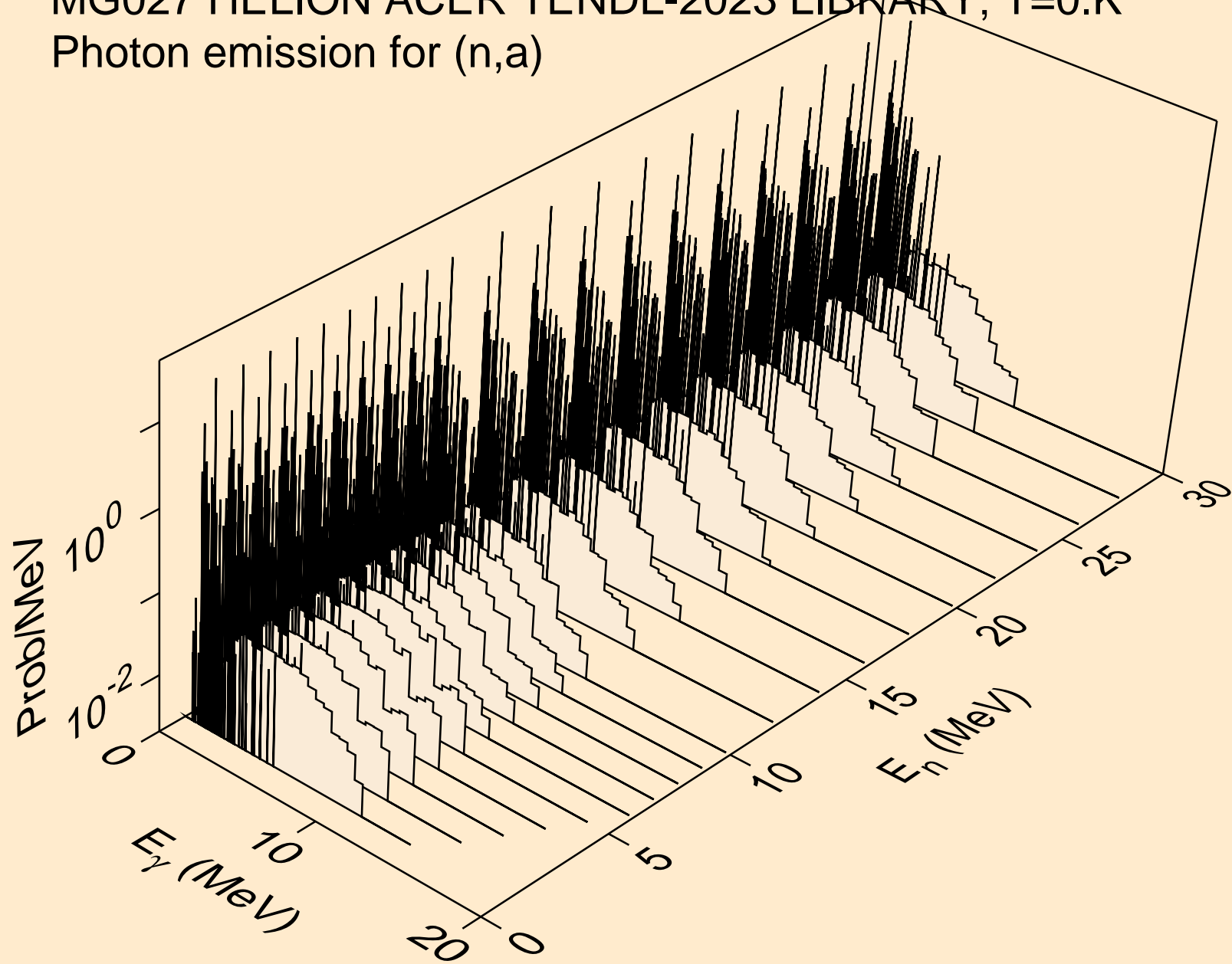
MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



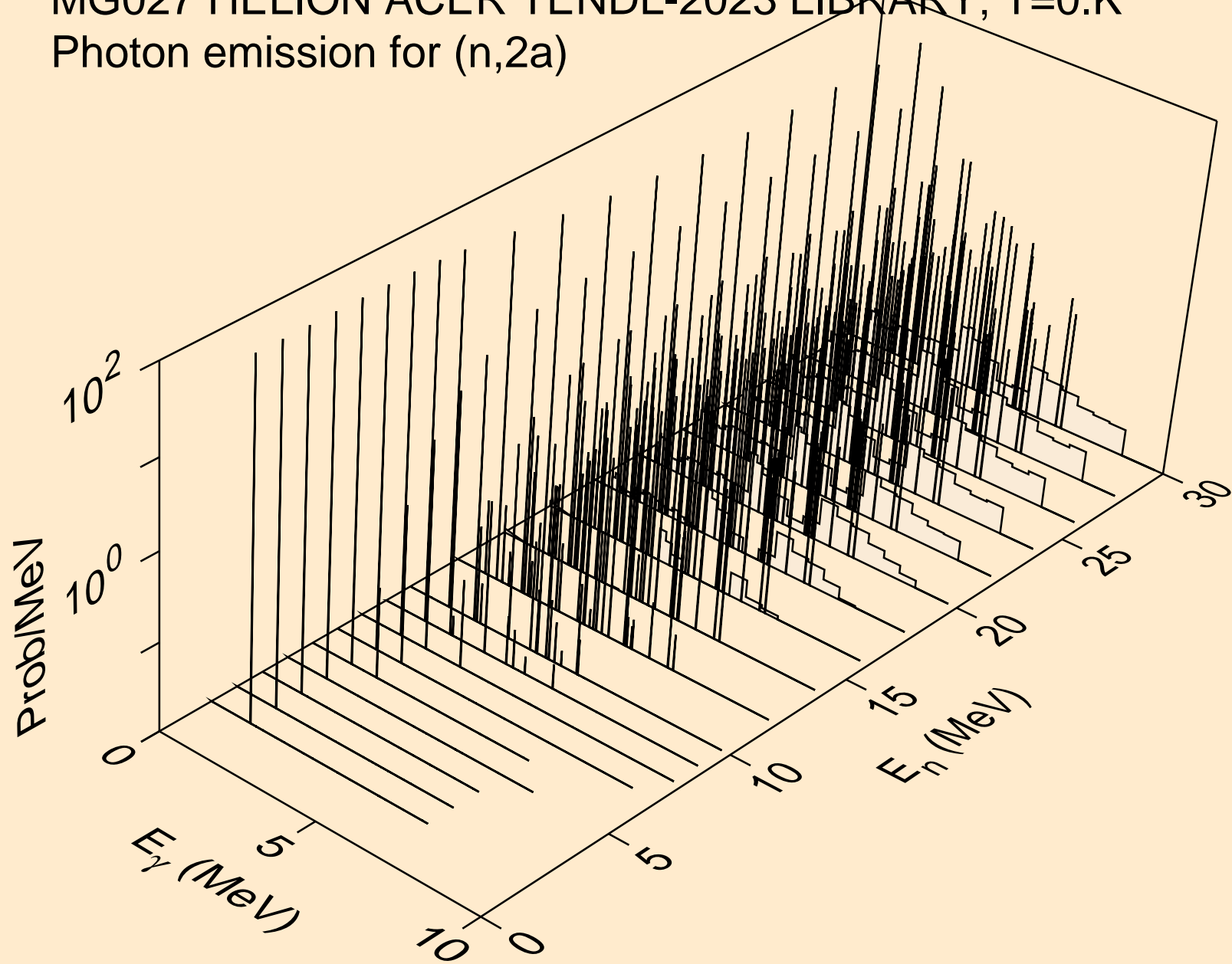
MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



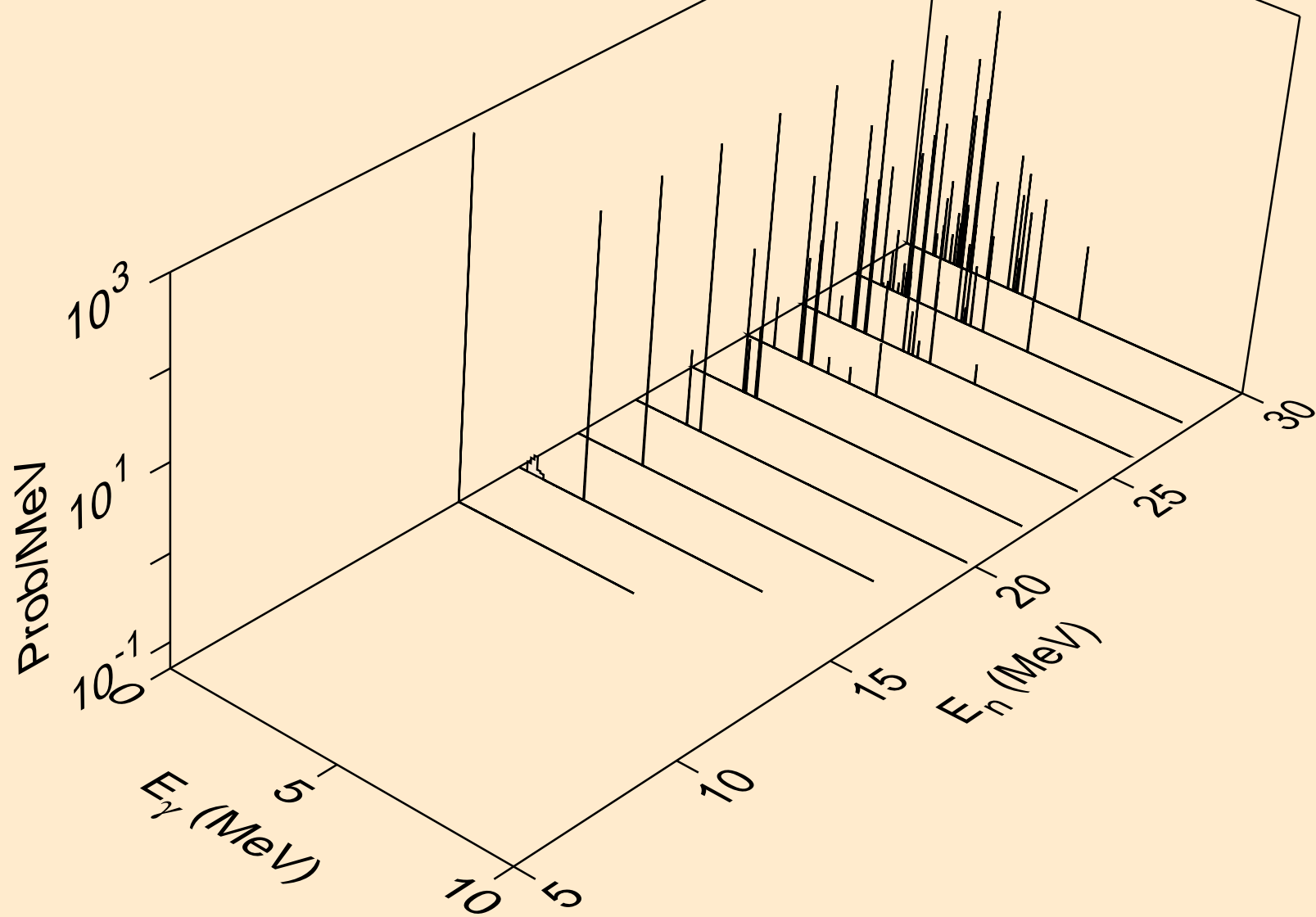
MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



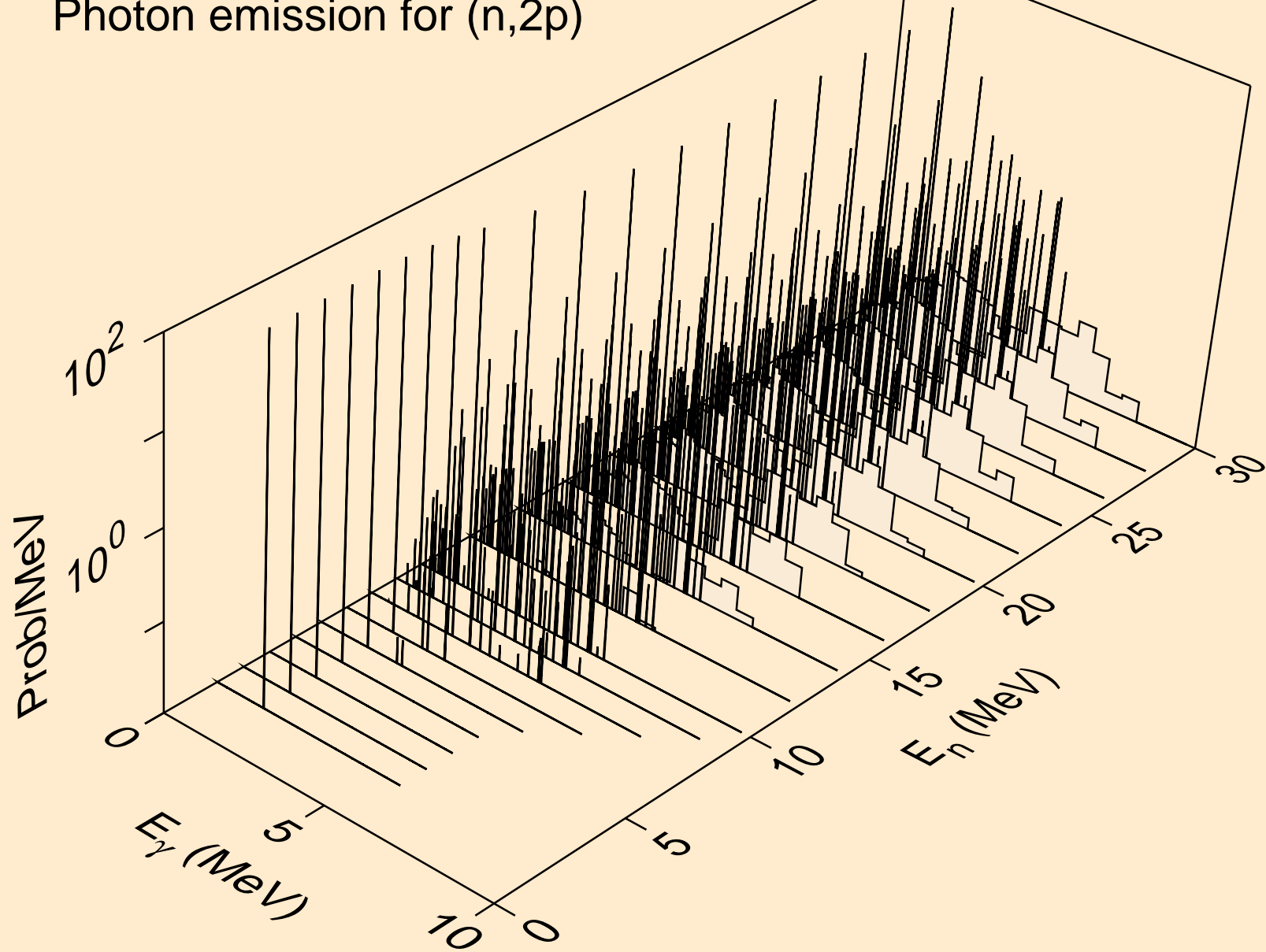
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Photon emission for (n,2a)



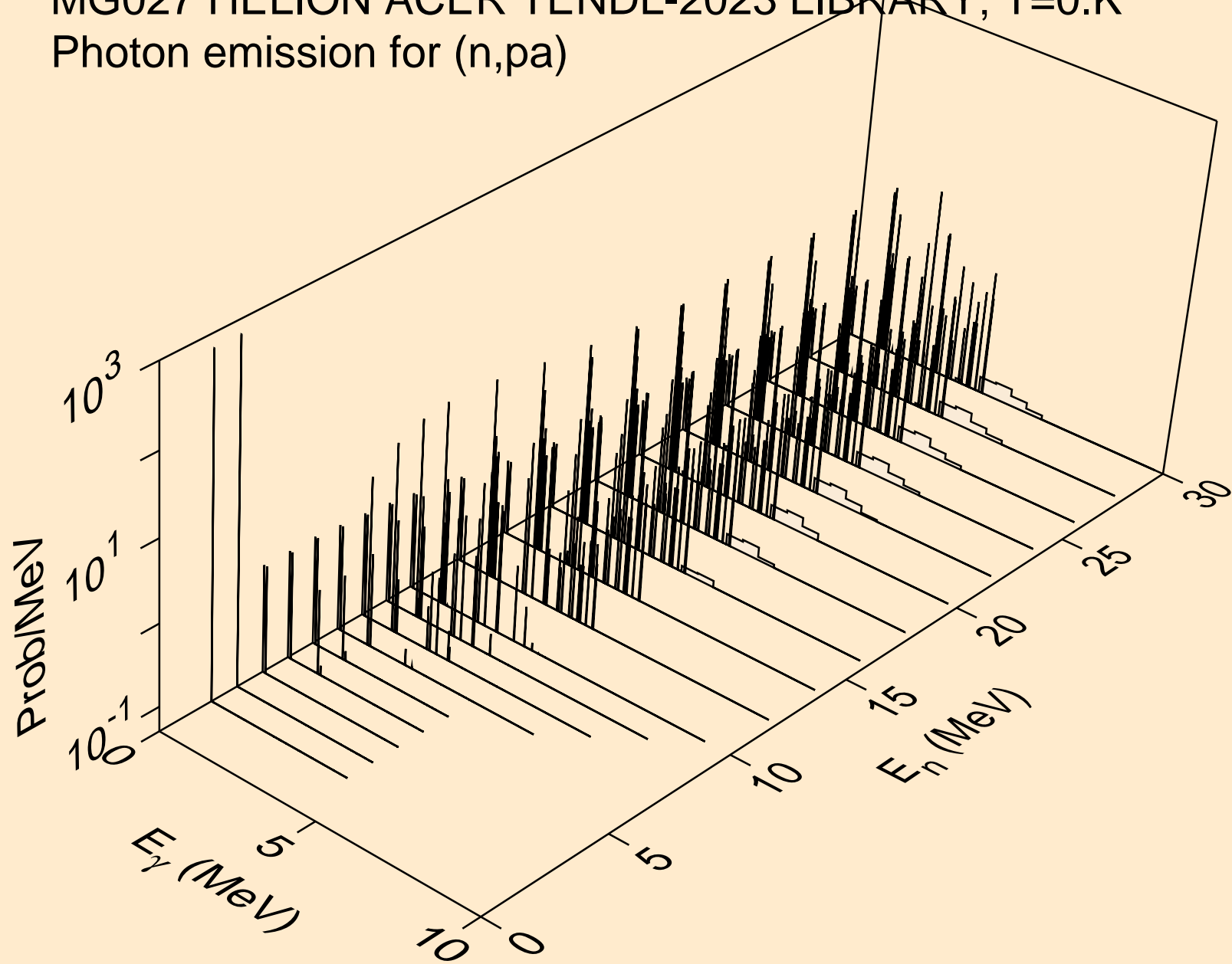
MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3a)



MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)

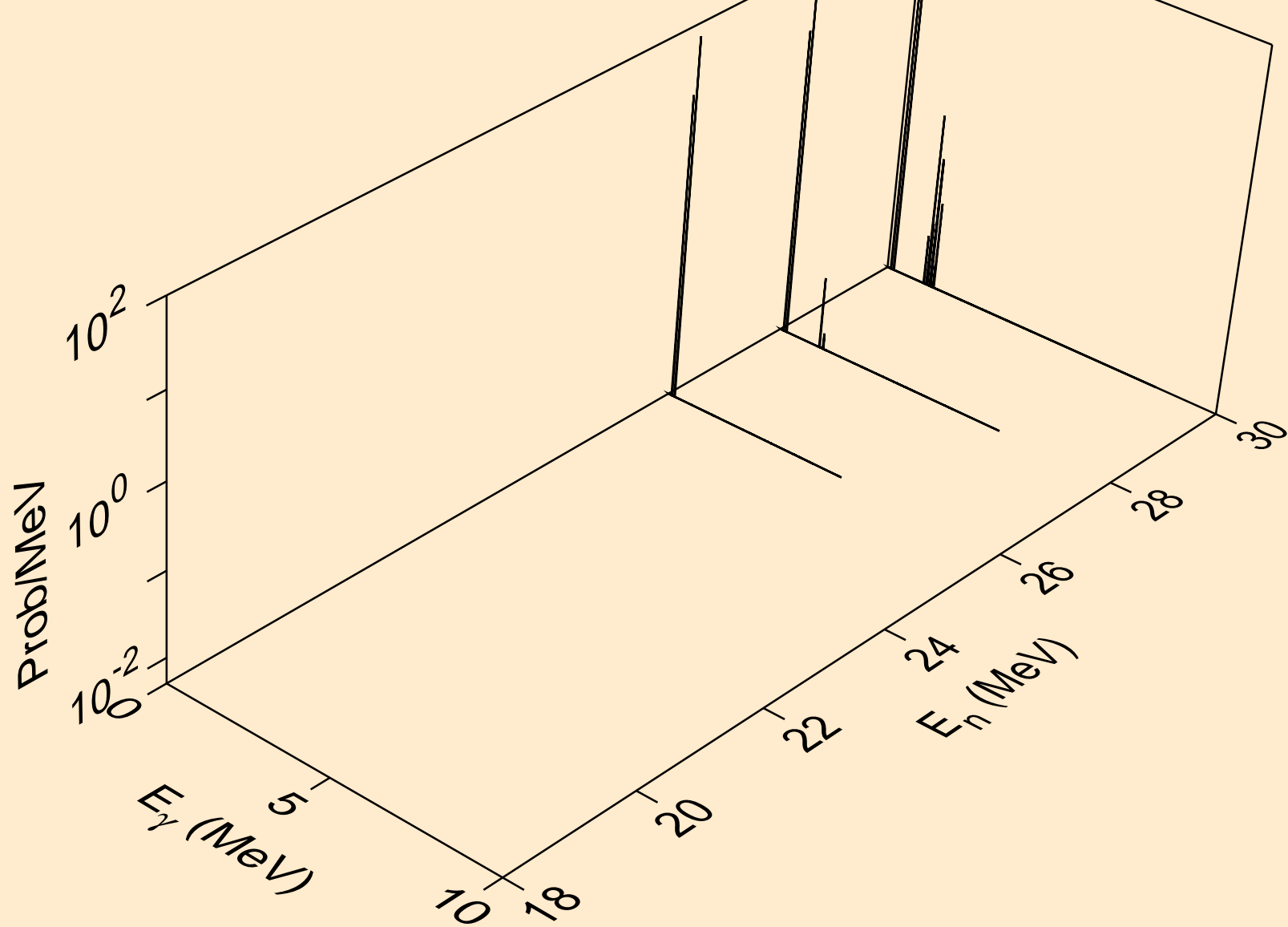


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Photon emission for (n,pa)

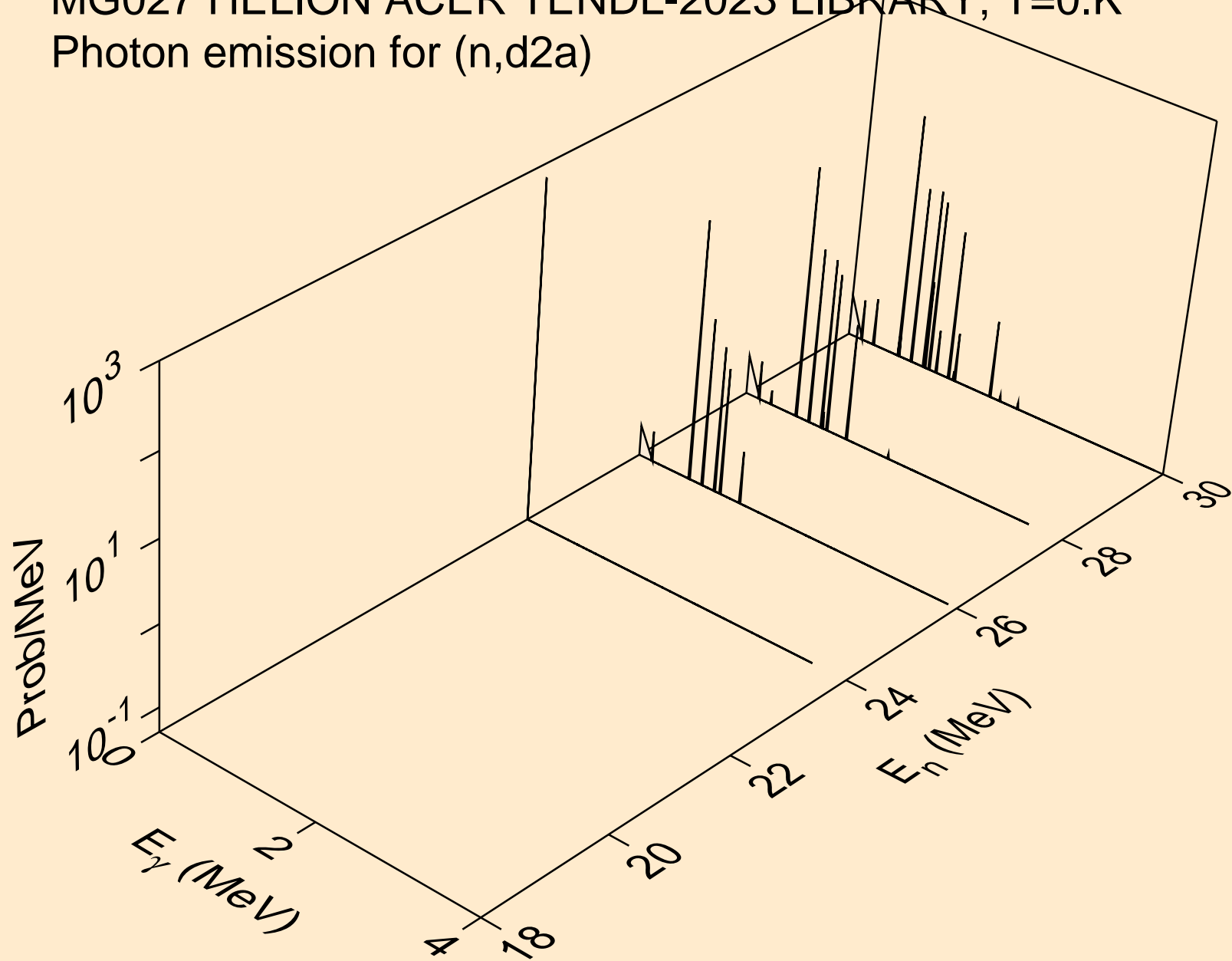




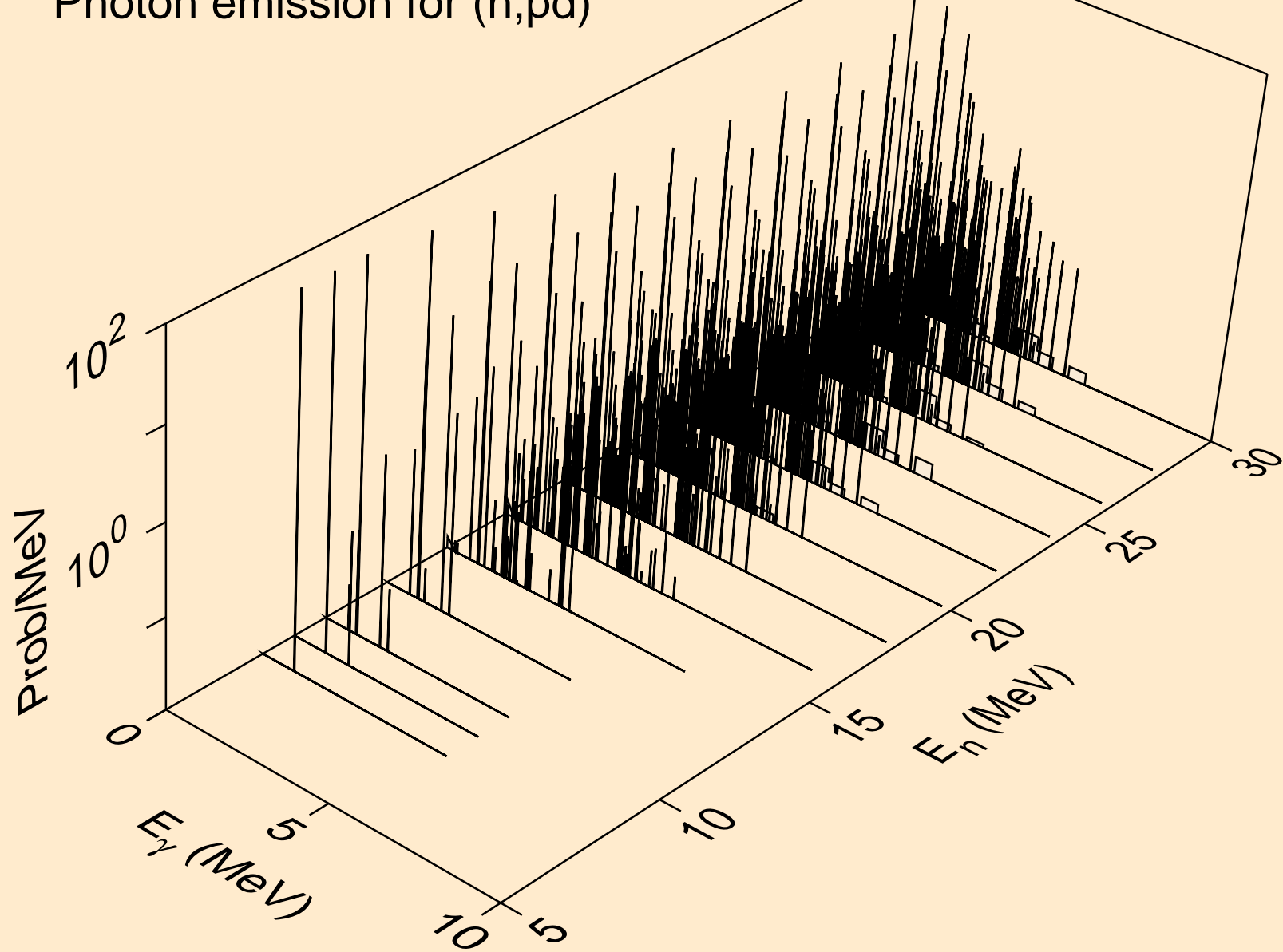
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Photon emission for (n,t2a)



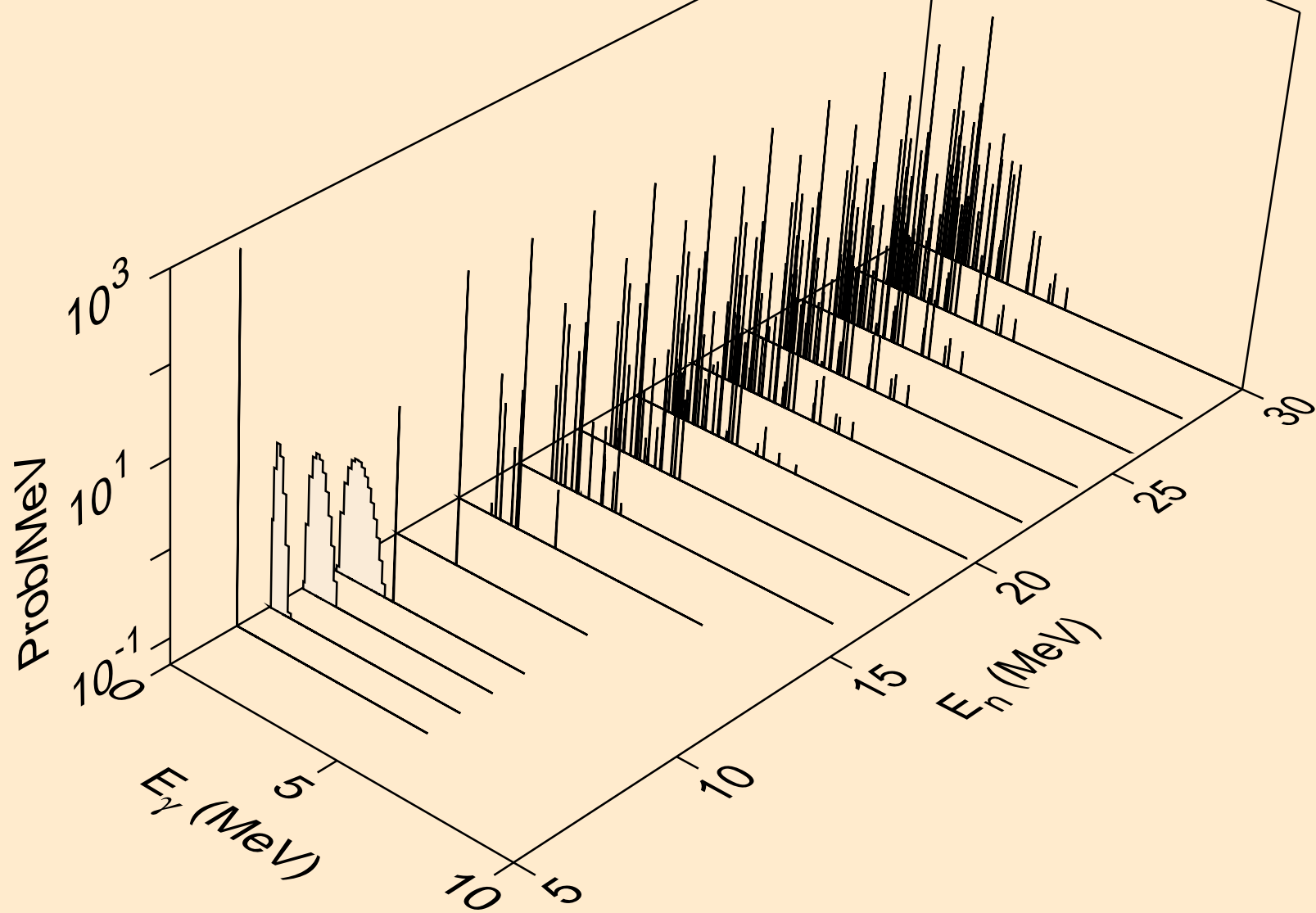
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Photon emission for (n,d2a)



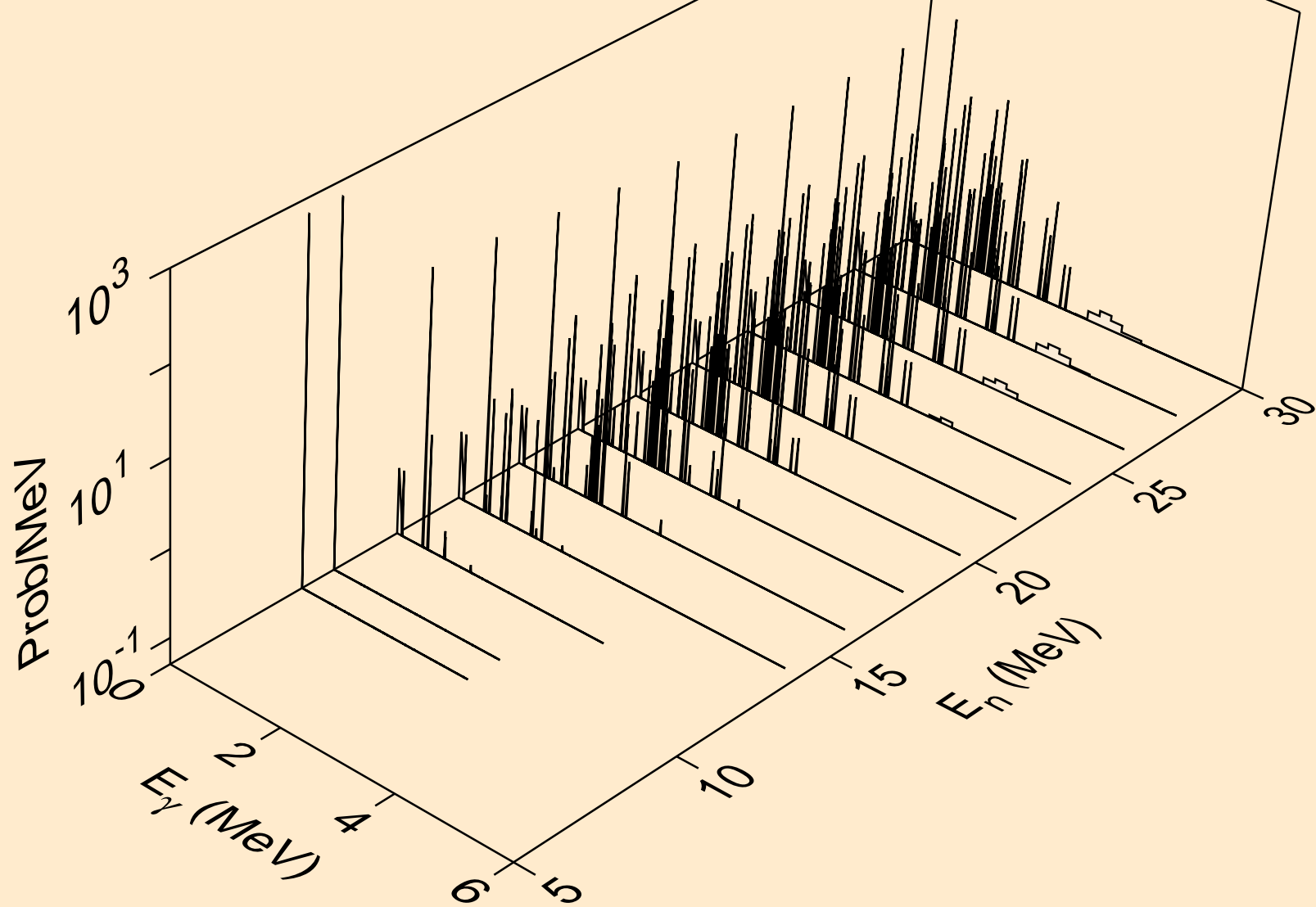
MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



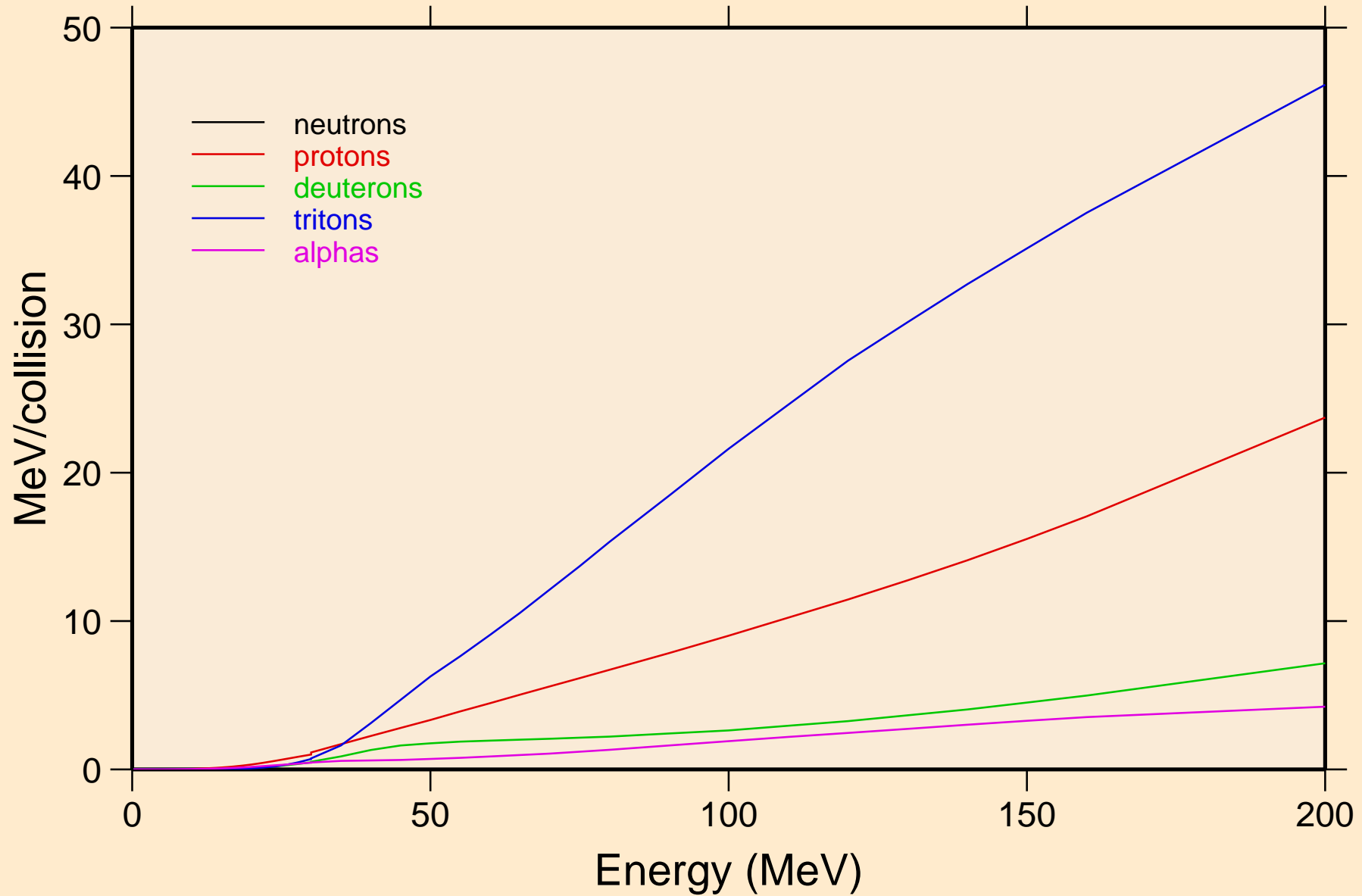
MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



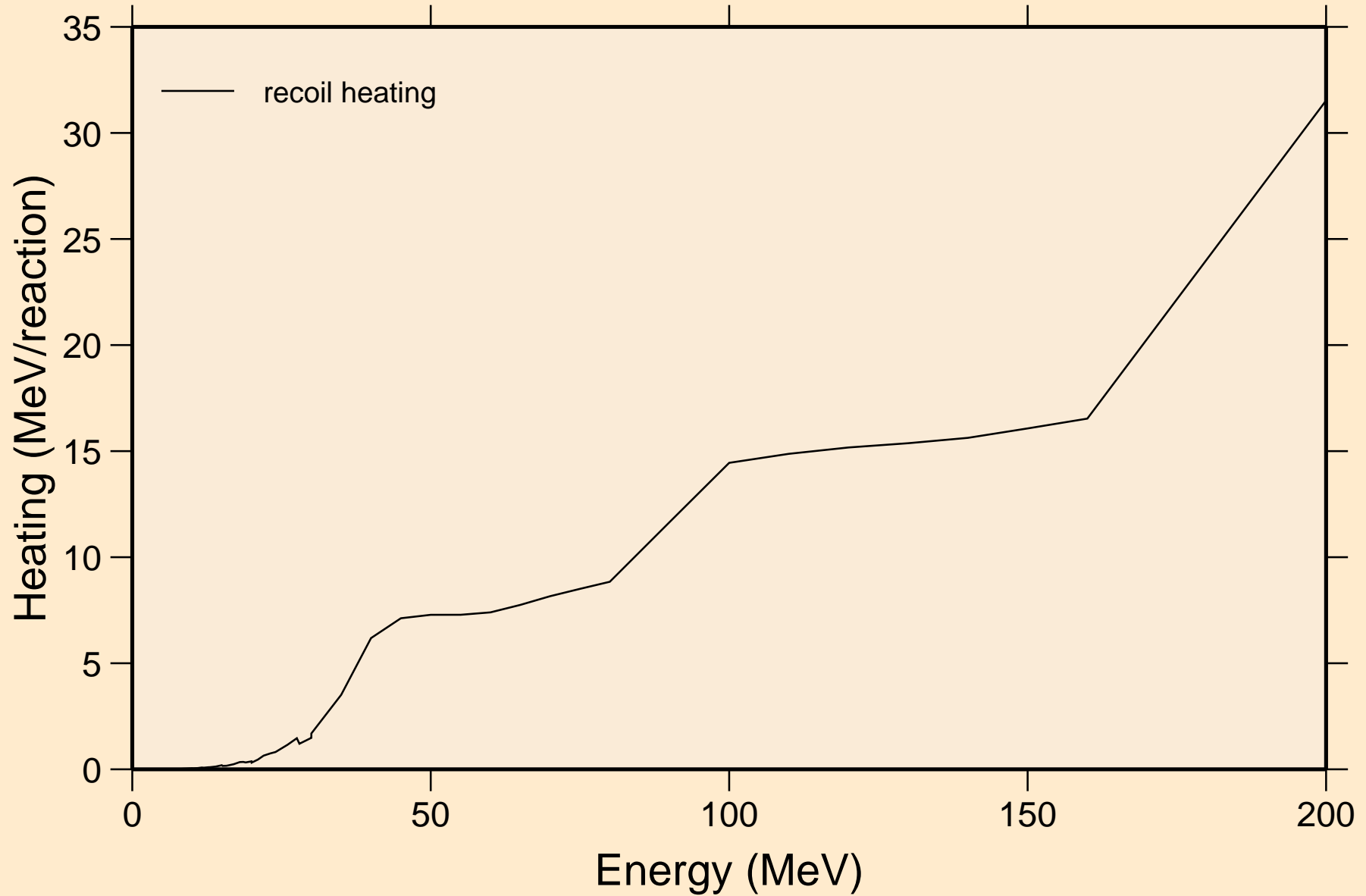
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Photon emission for (n,da)



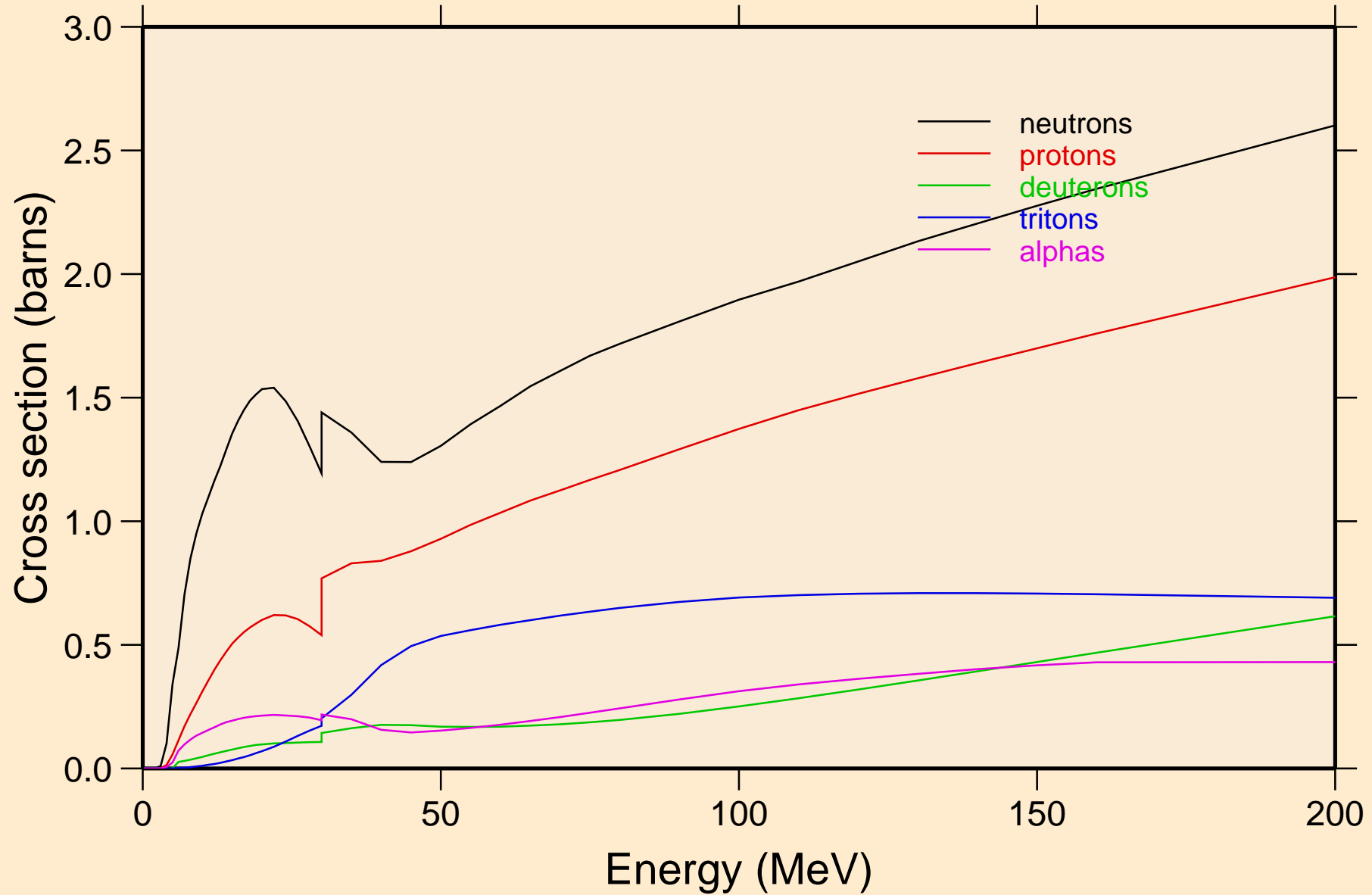
MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

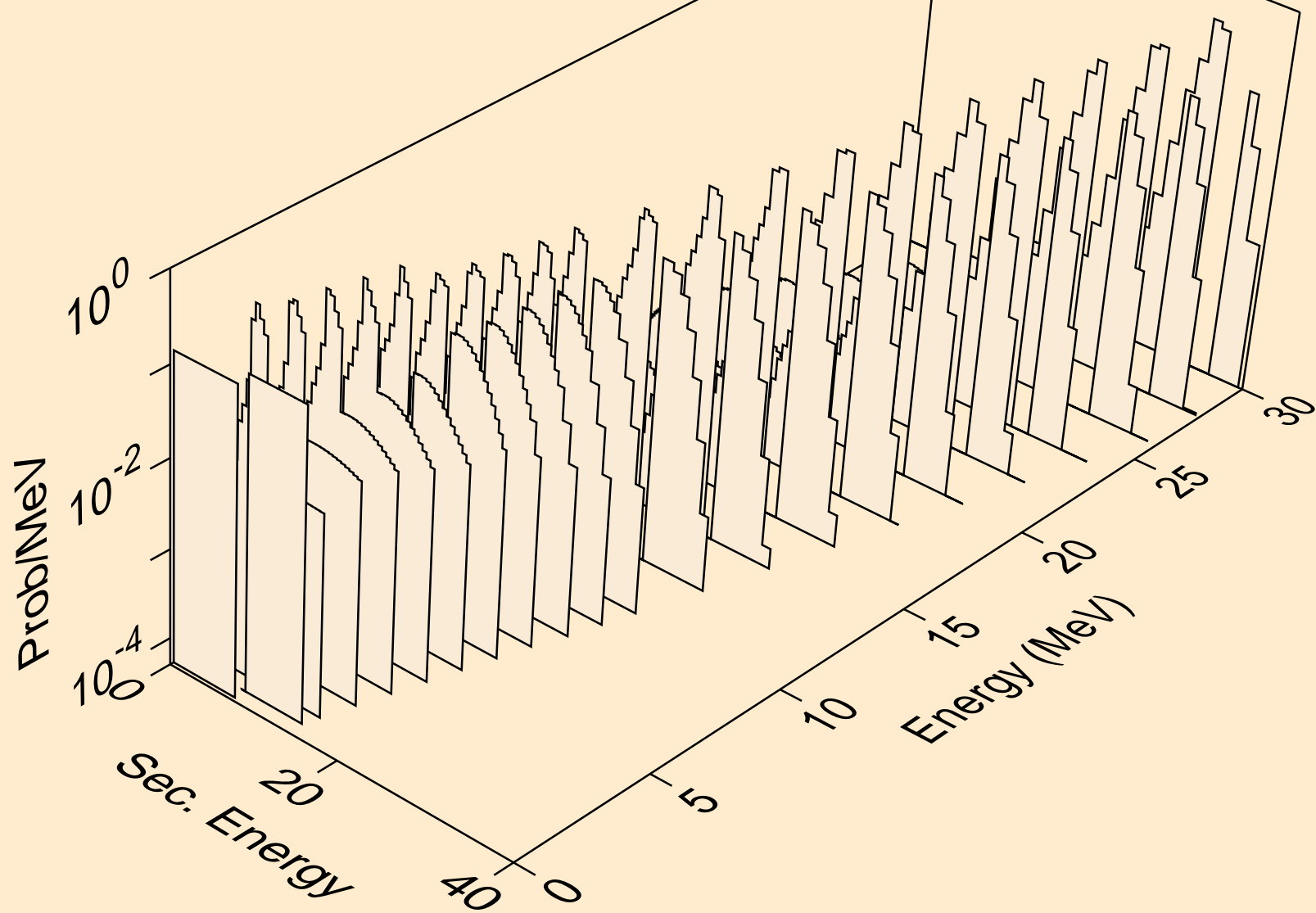


MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections

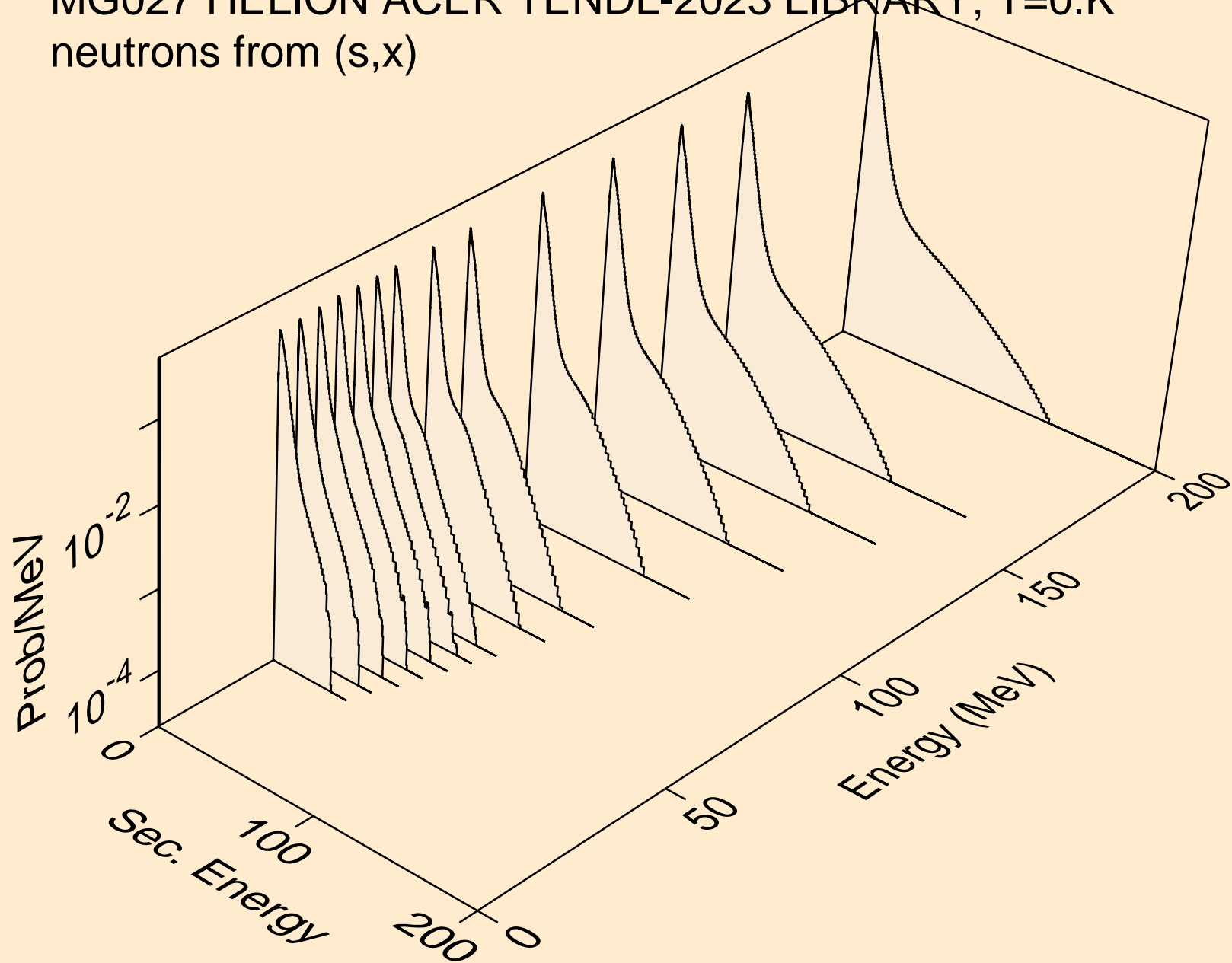




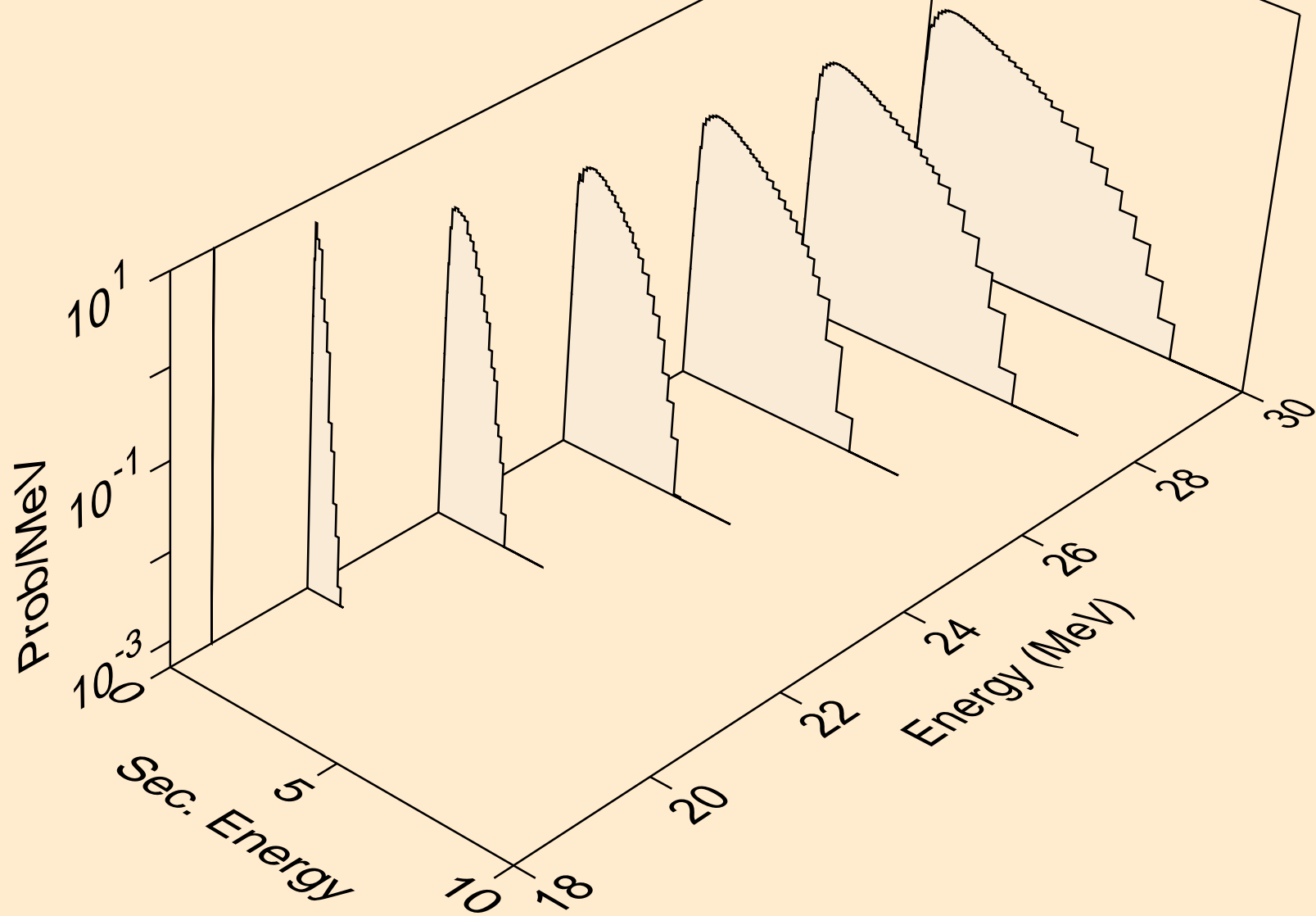
MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n)



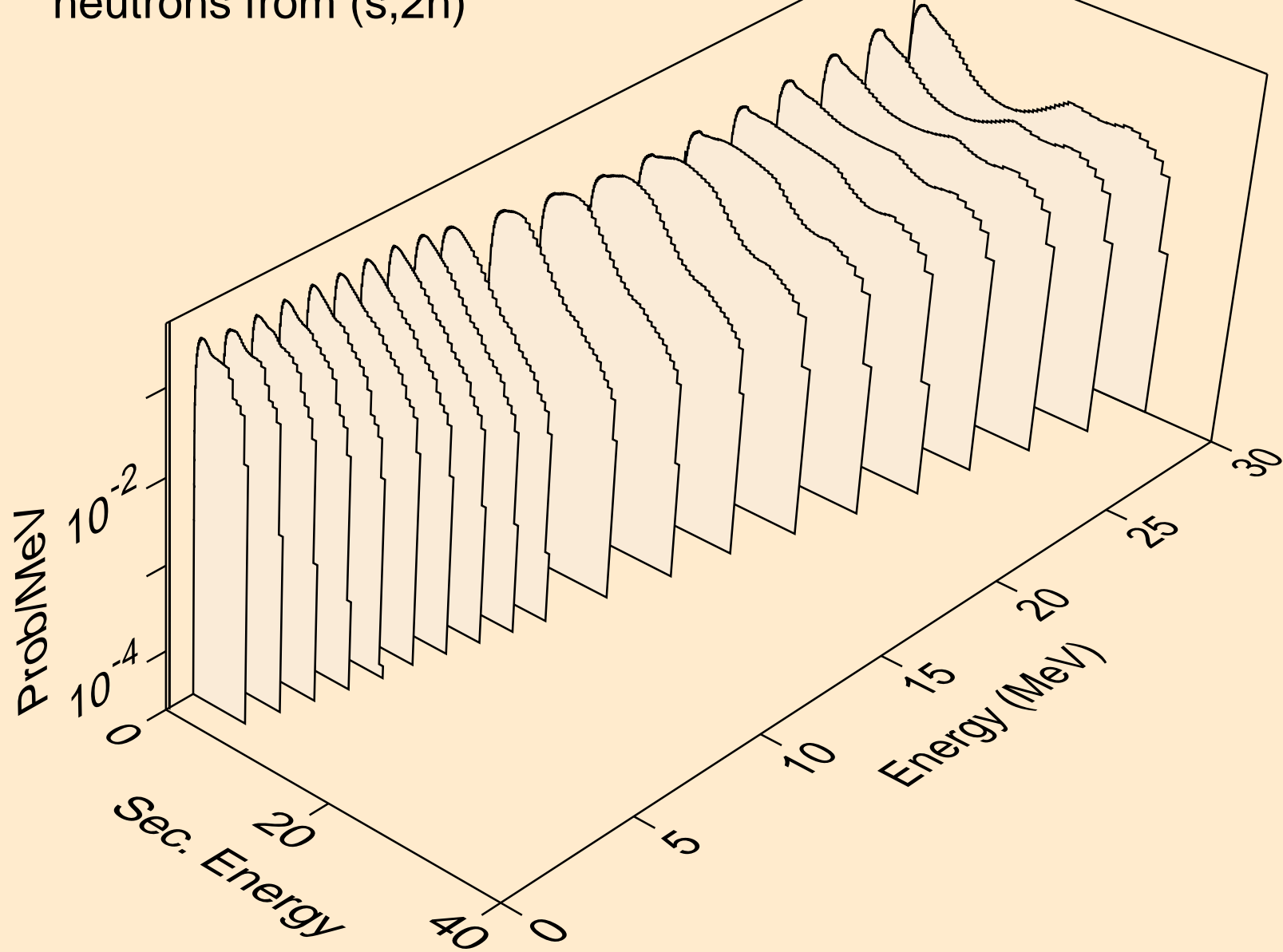
MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,x)



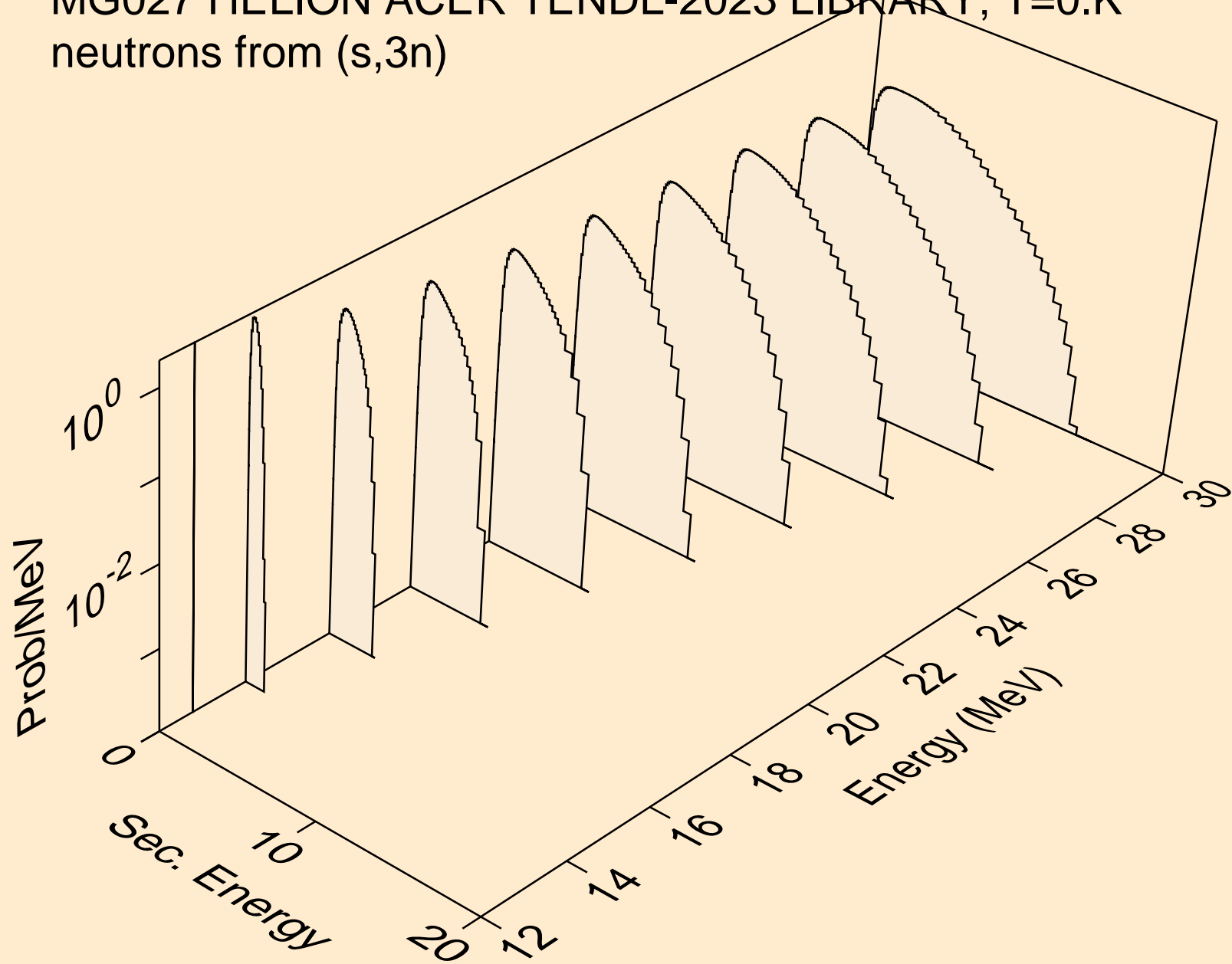
MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2nd)



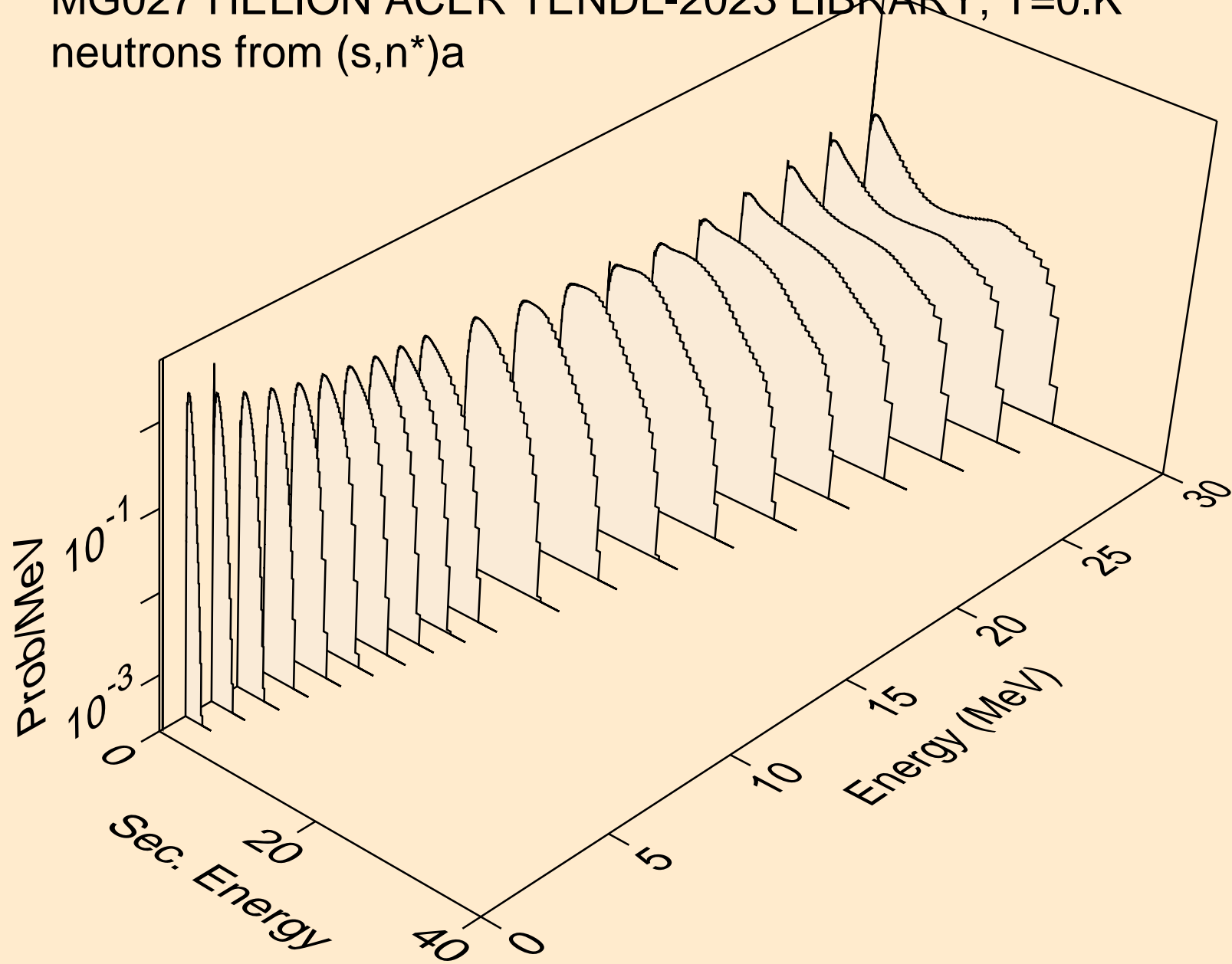
MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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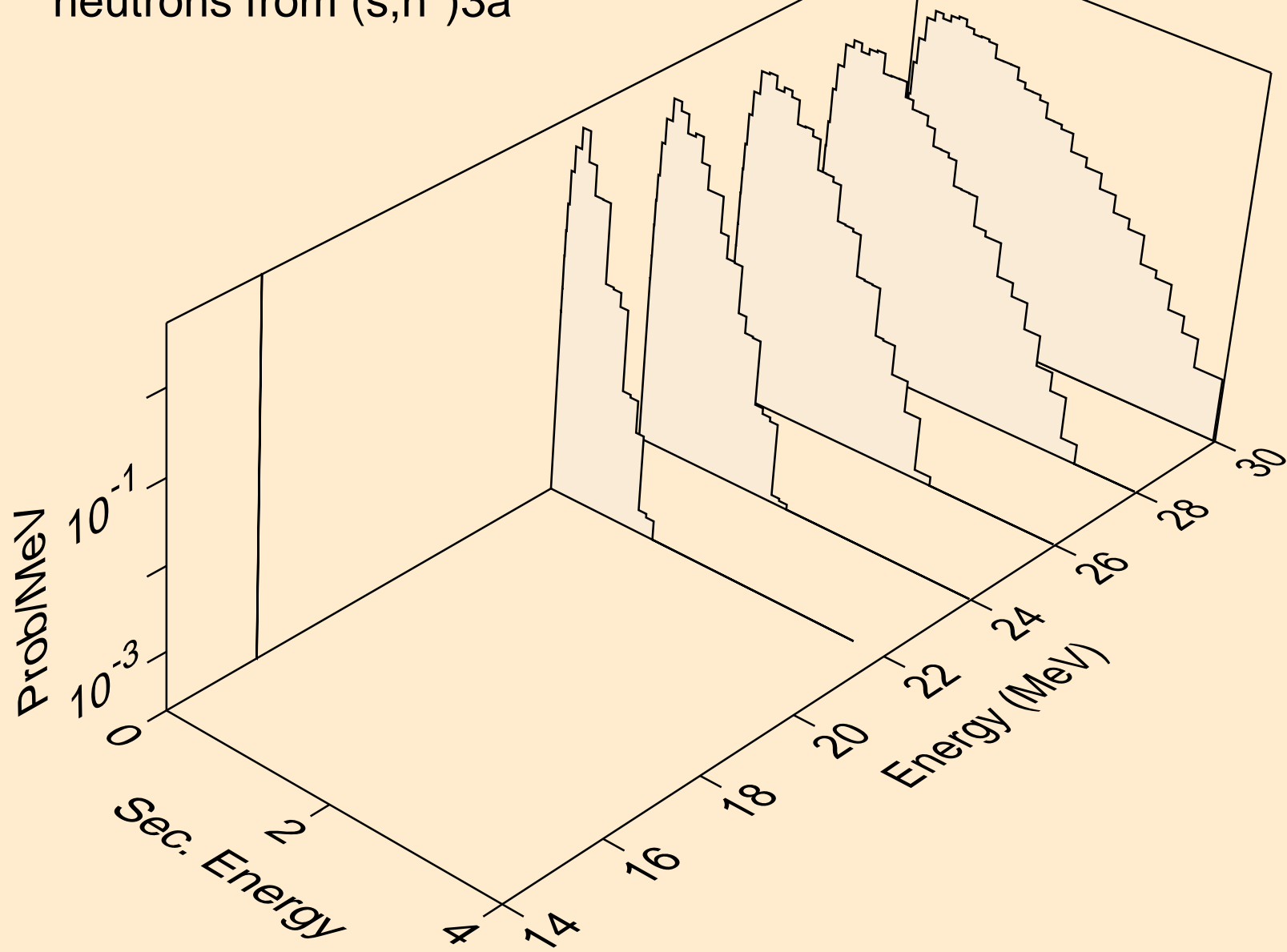
MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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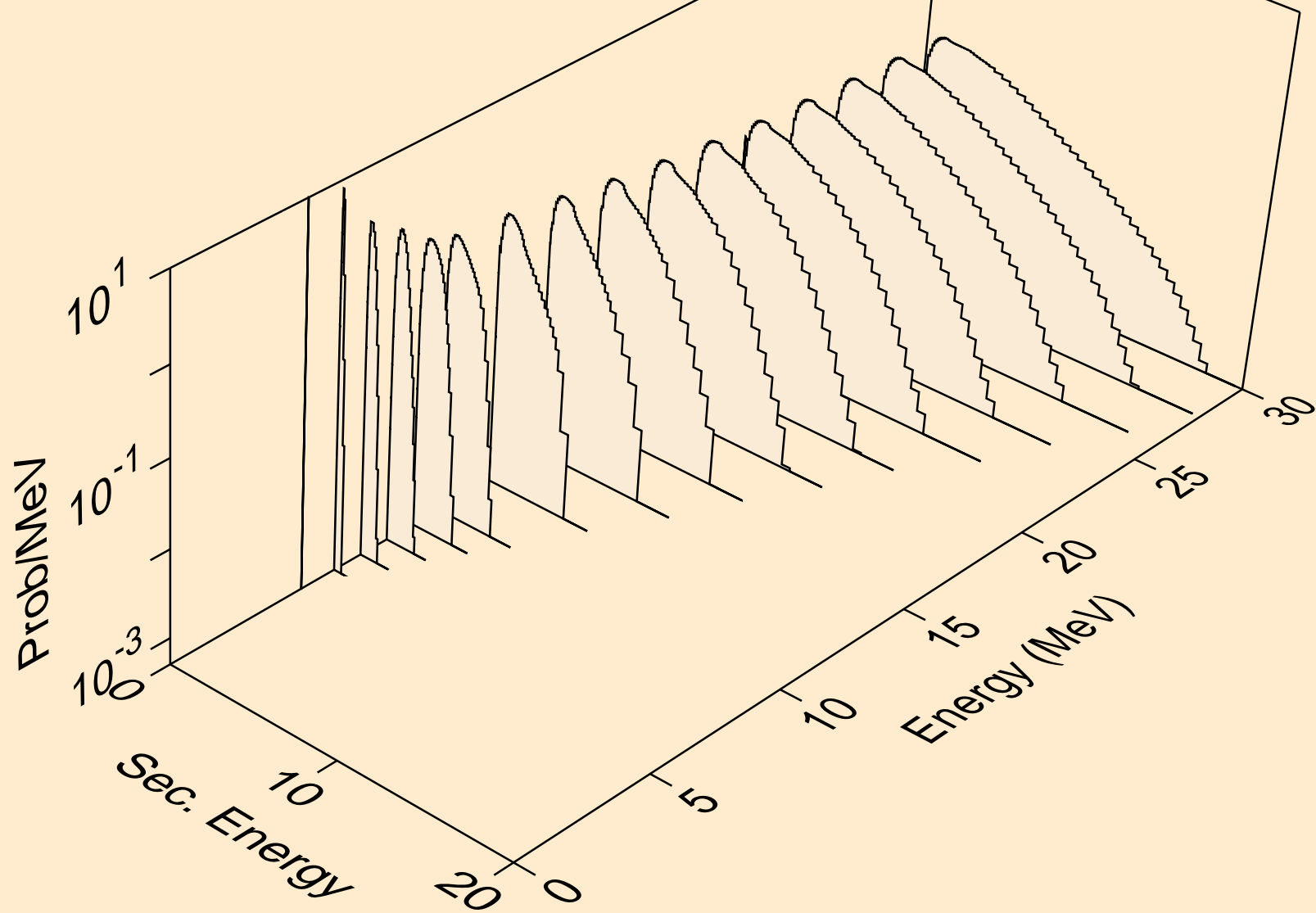
MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)a



MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)3a

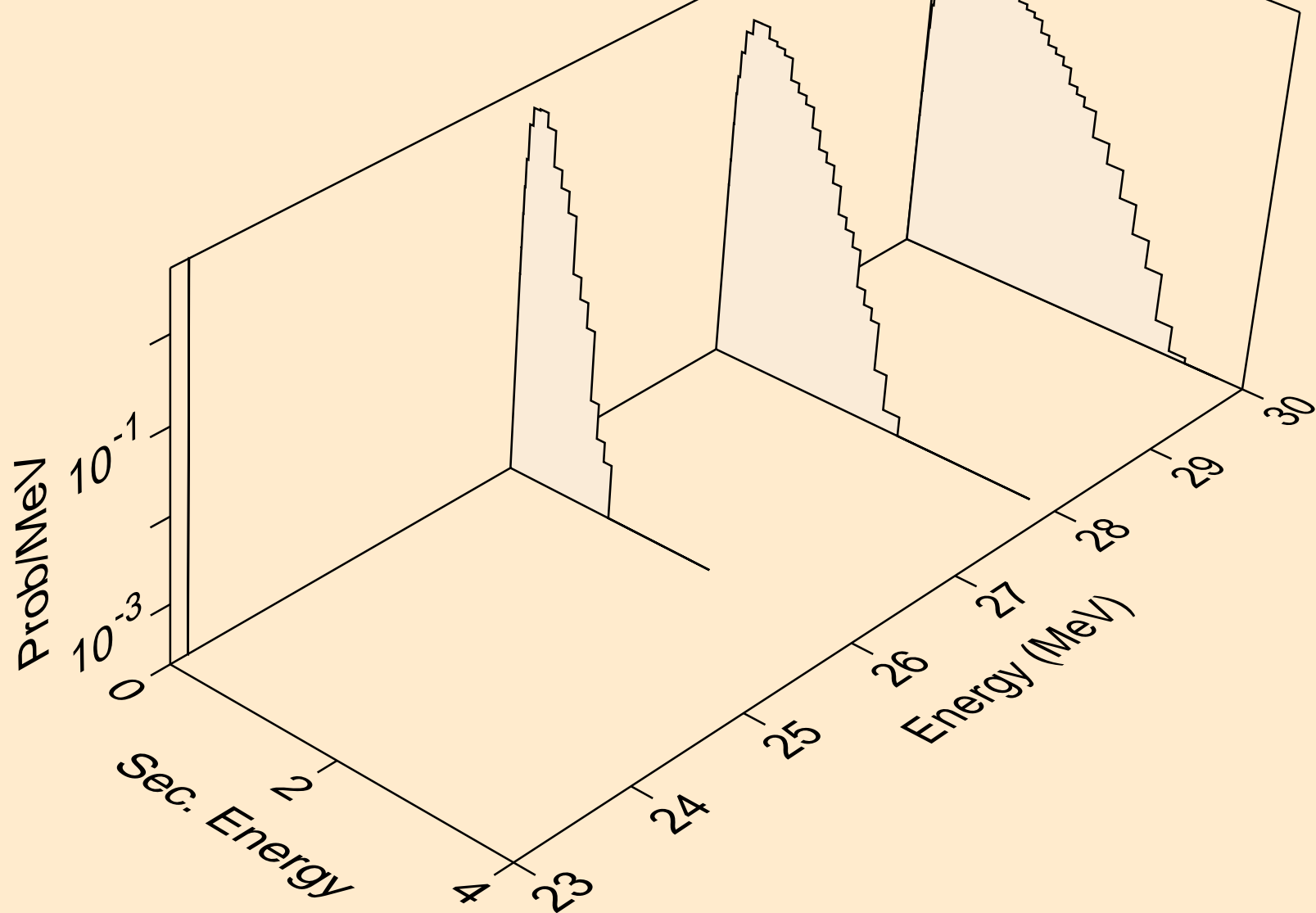


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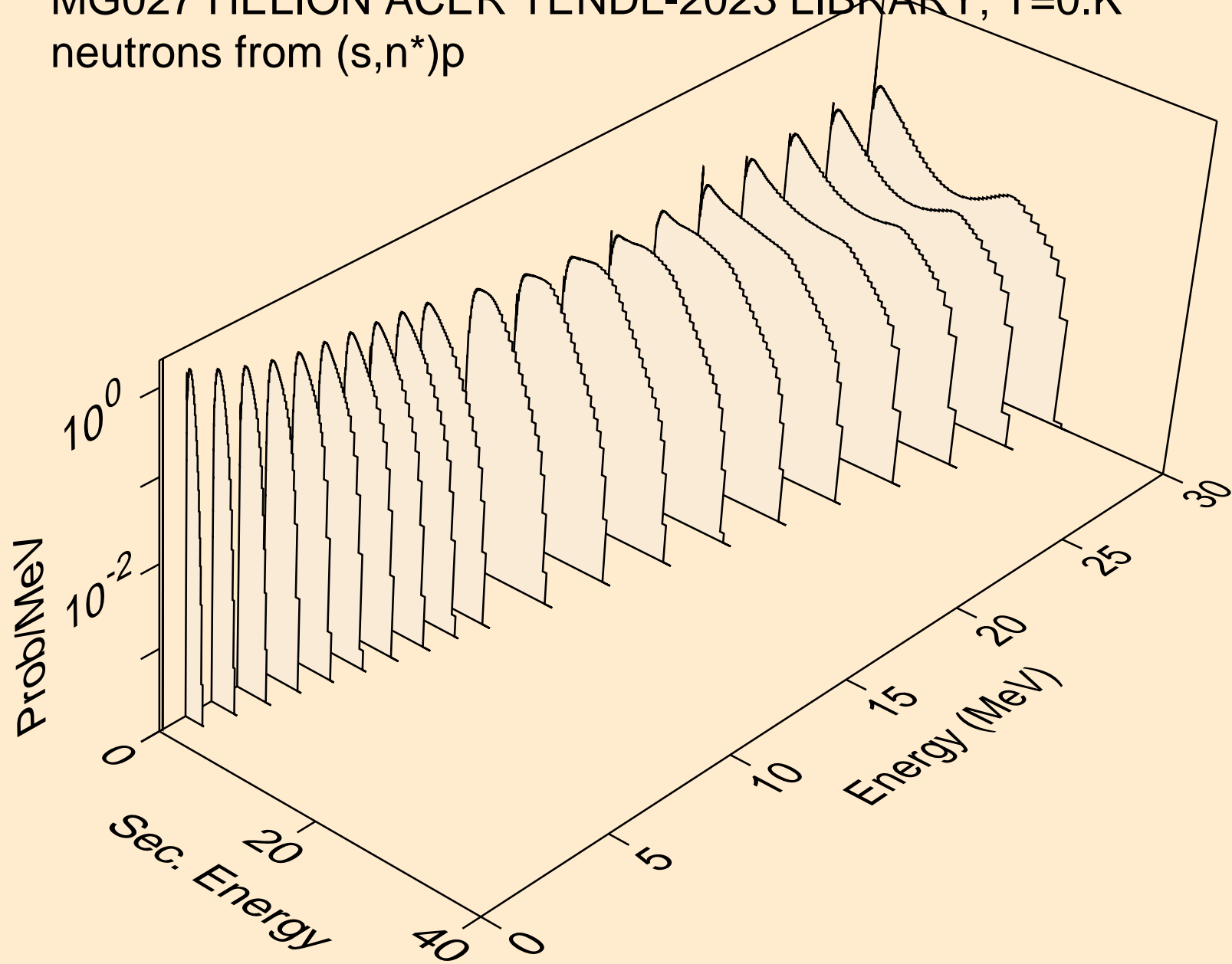




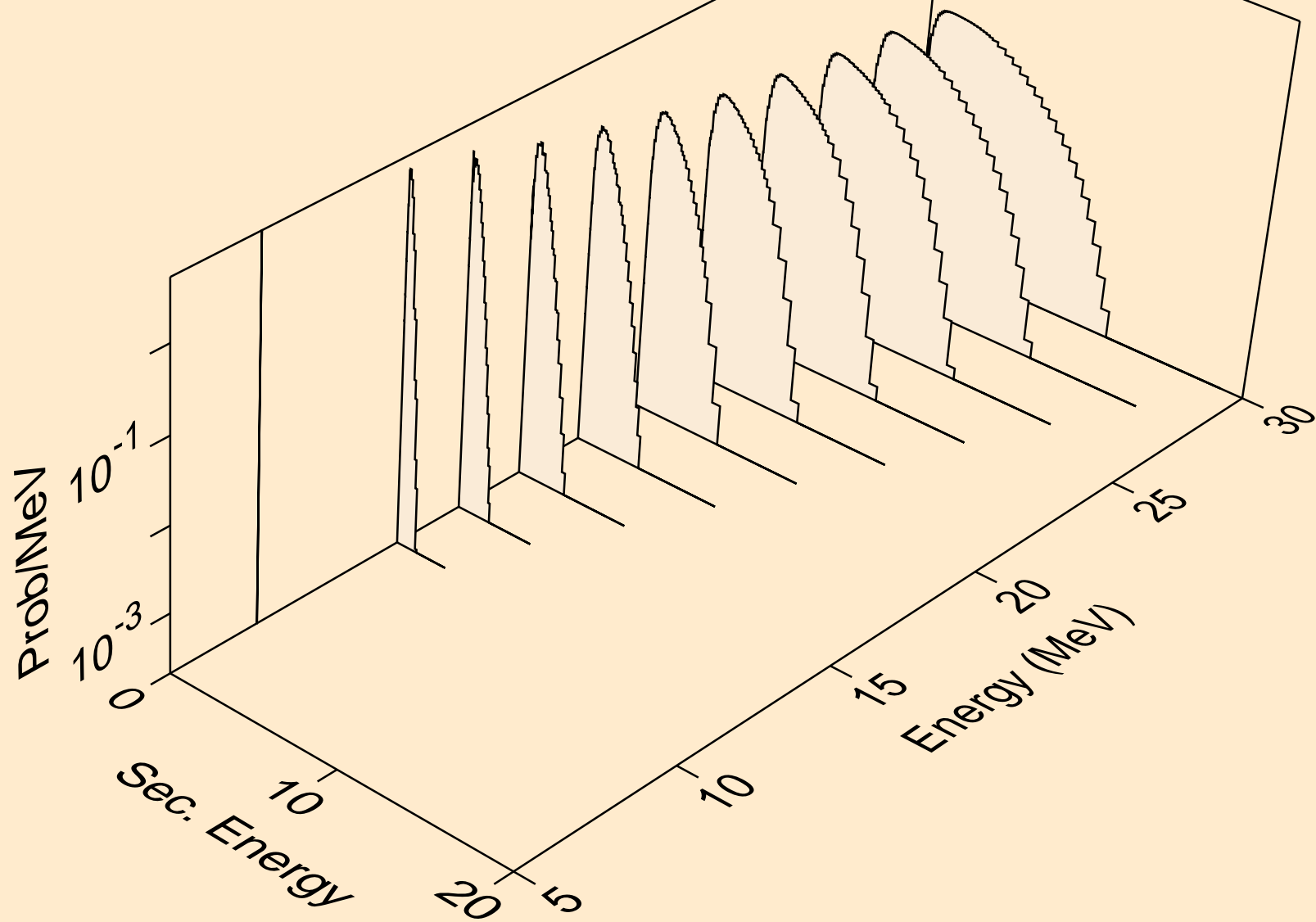
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neutrons from (s,3n)a



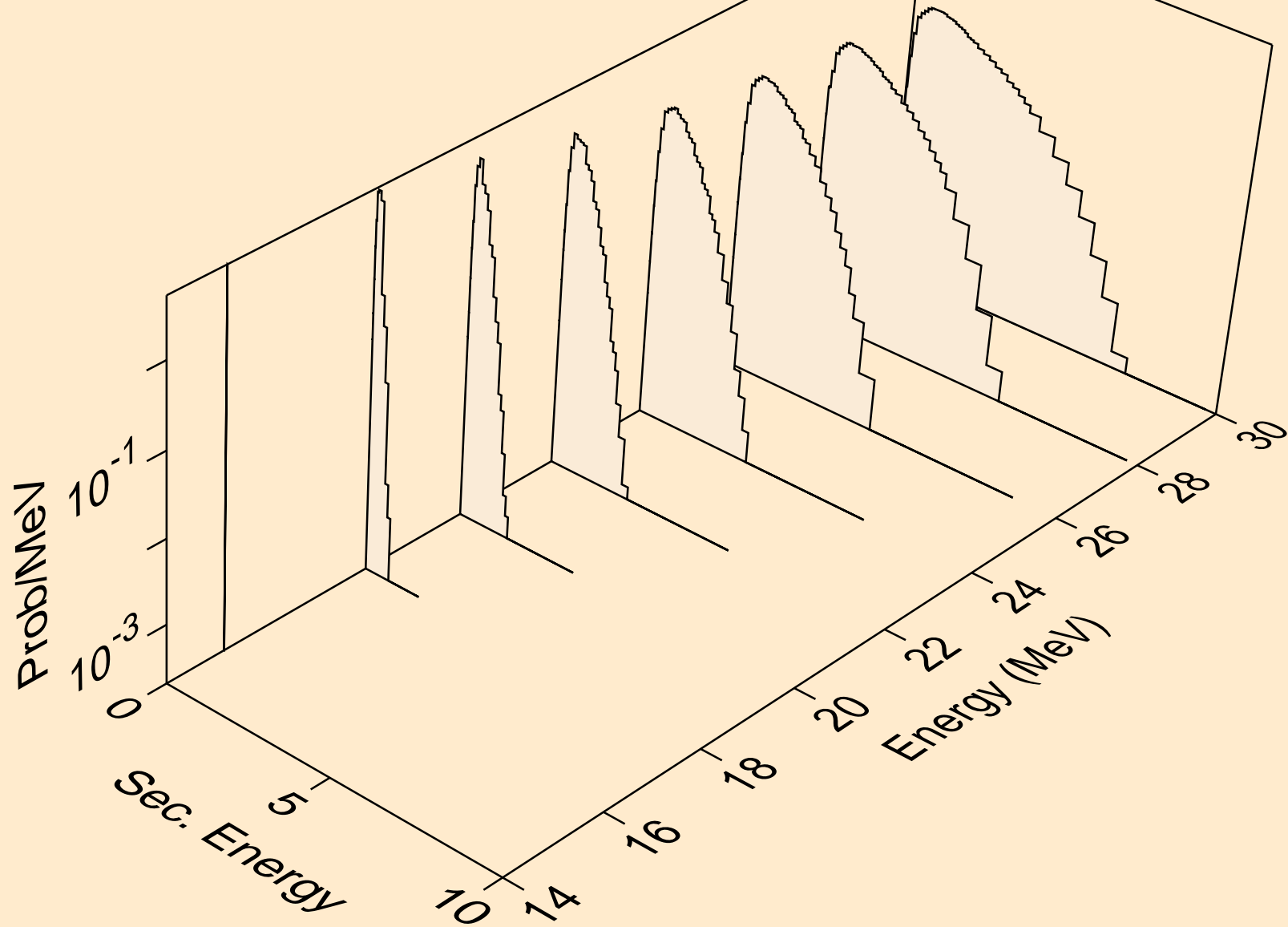
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neutrons from (s,n\*)p



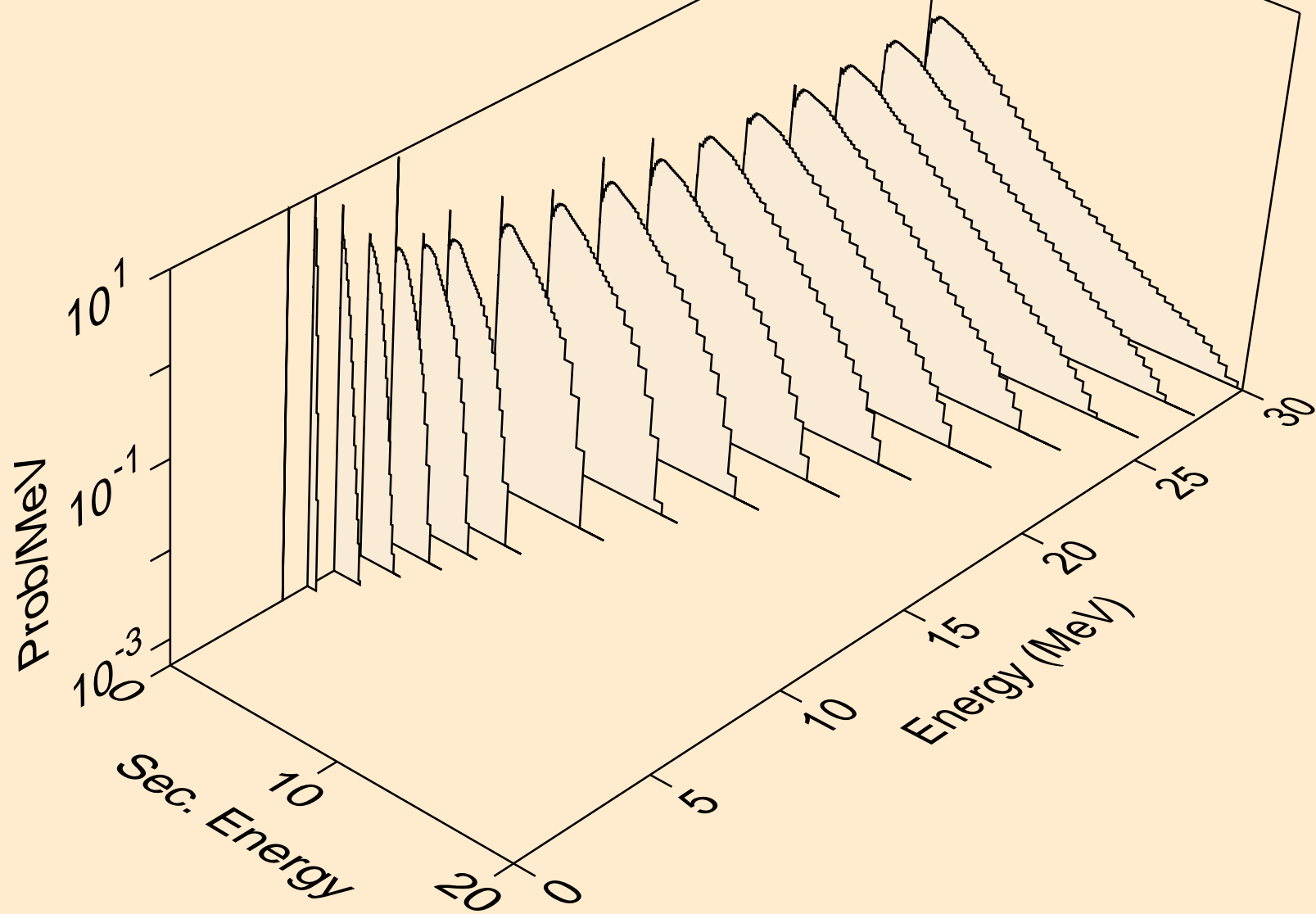
MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)2a



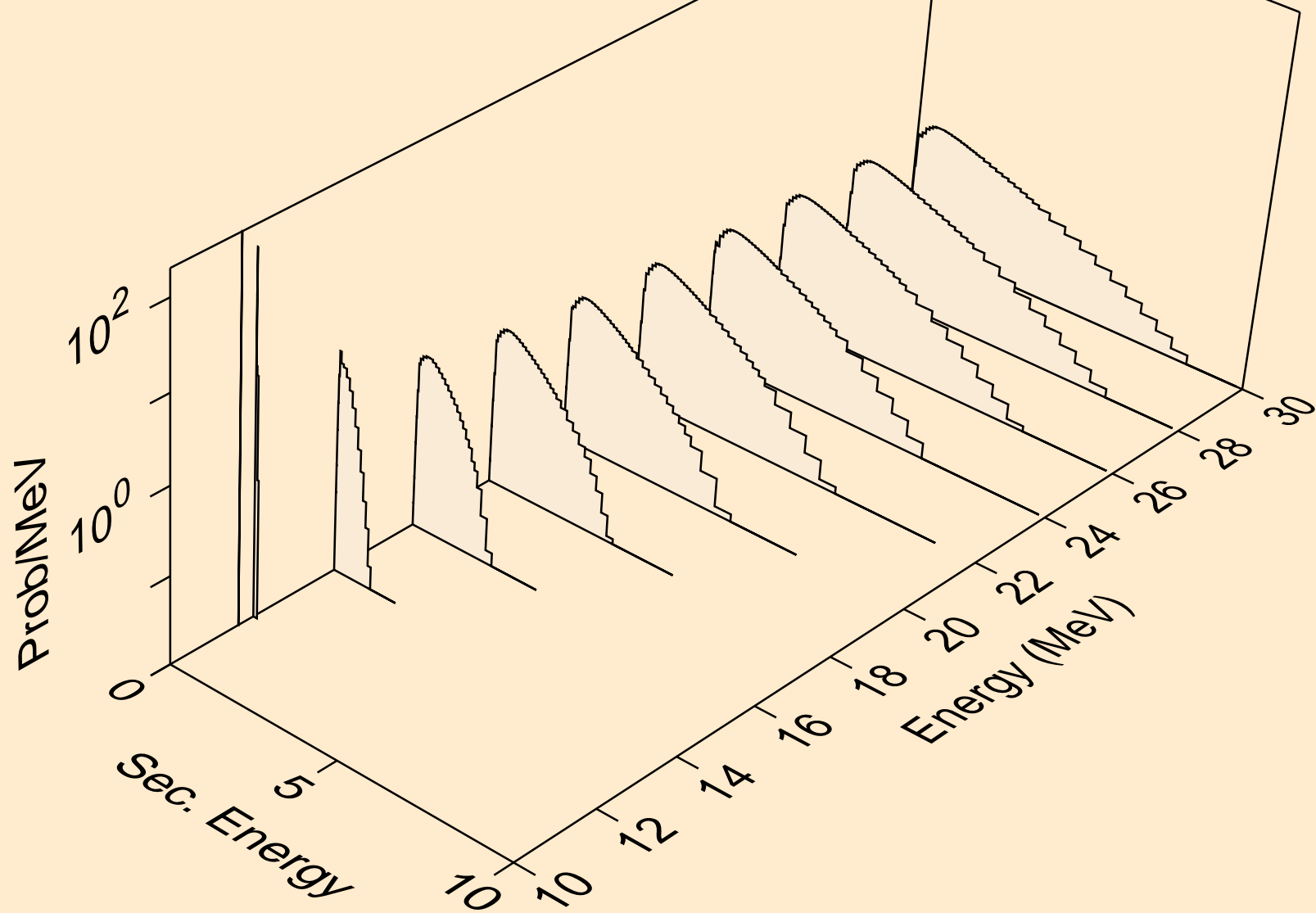
MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)2a



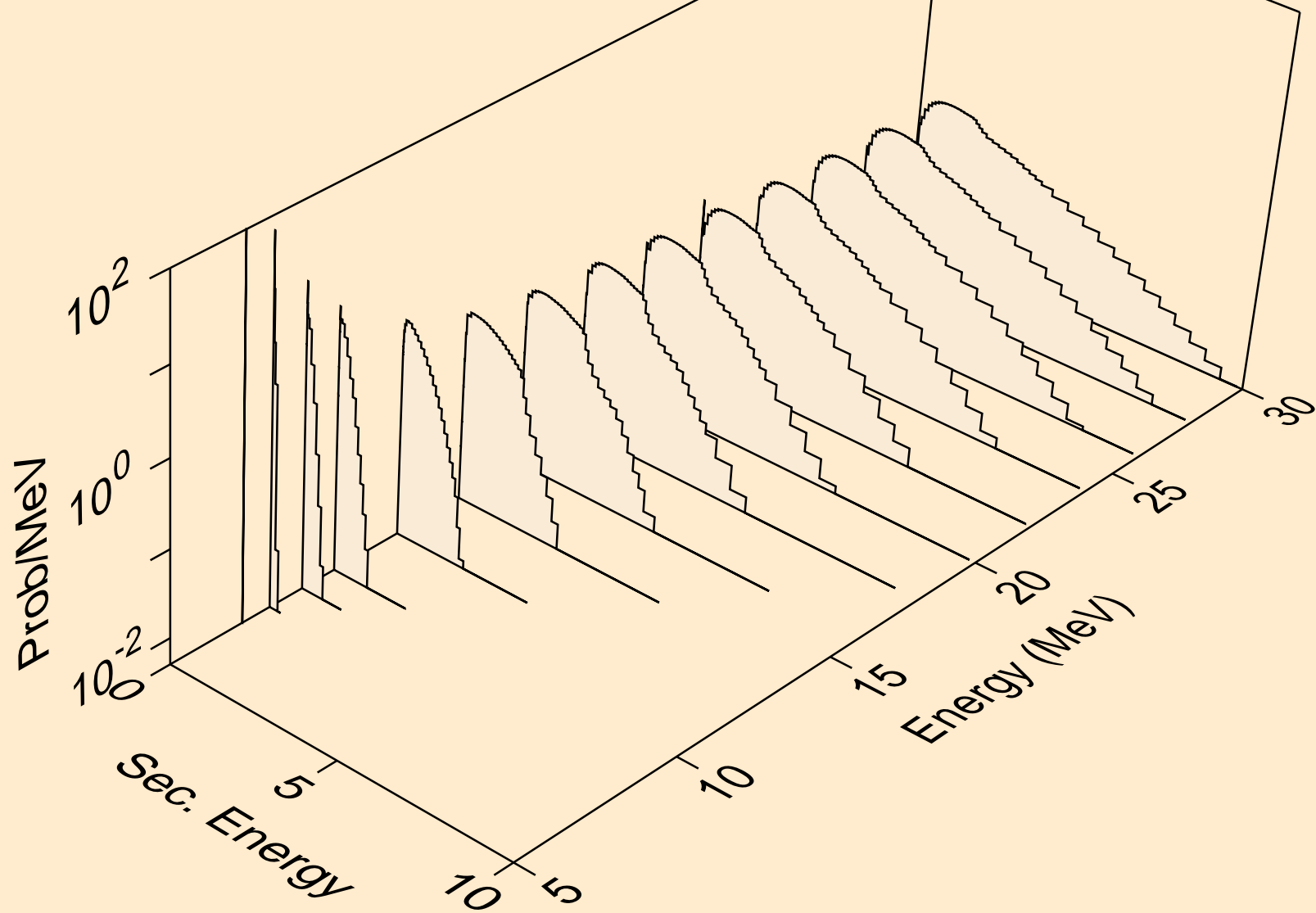
MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)d



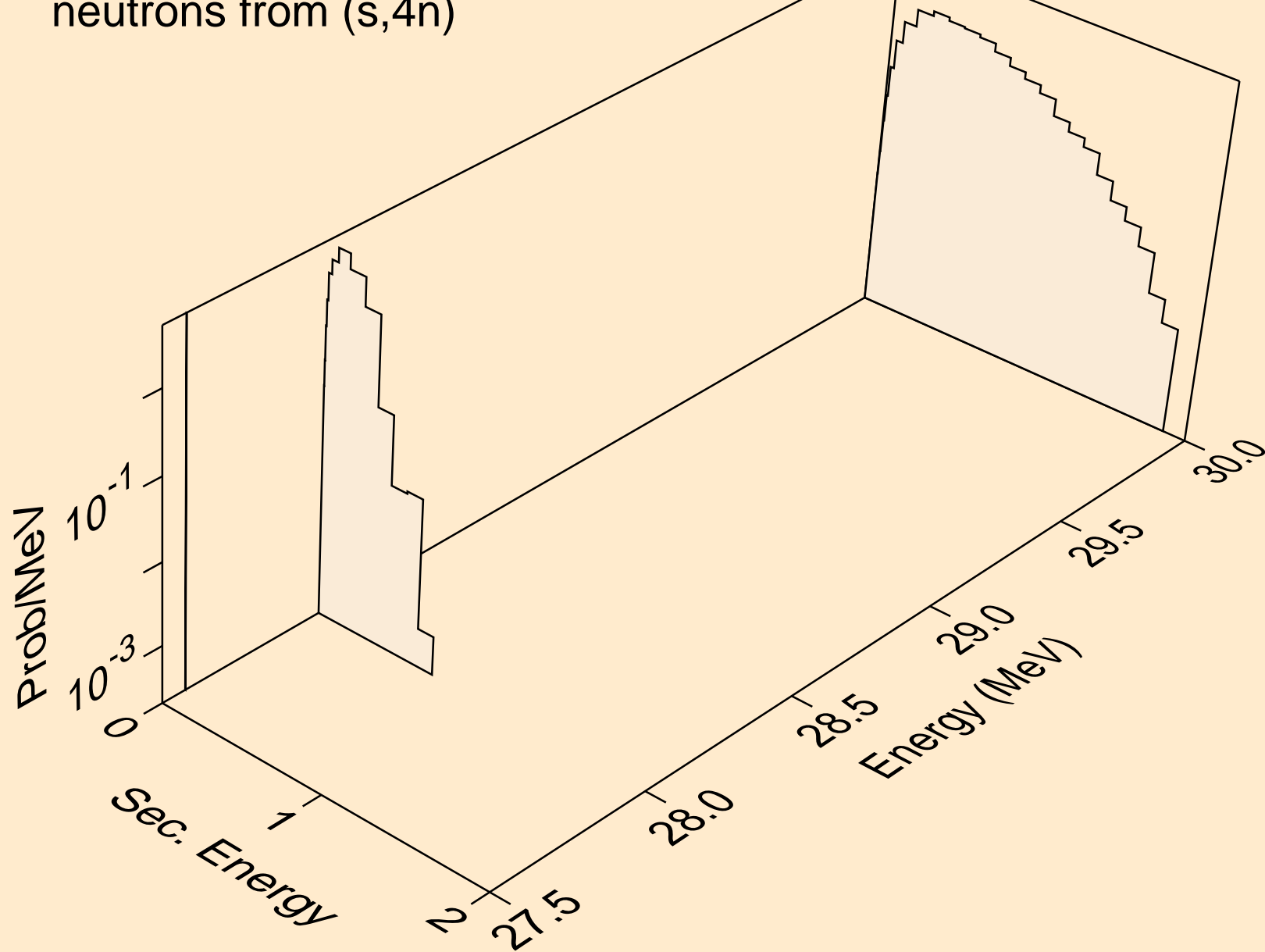
MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)t



MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)he3

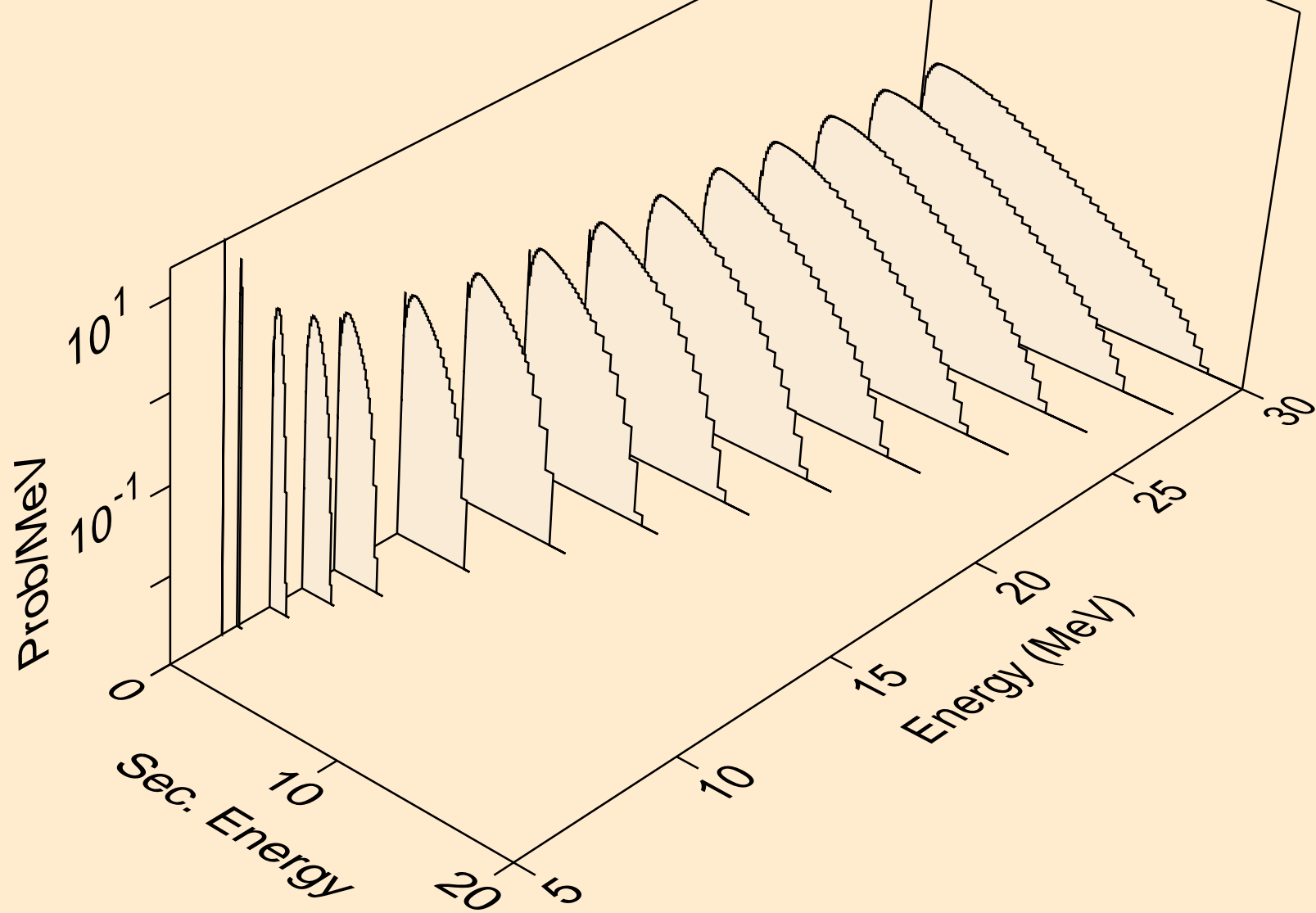


MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,4n)

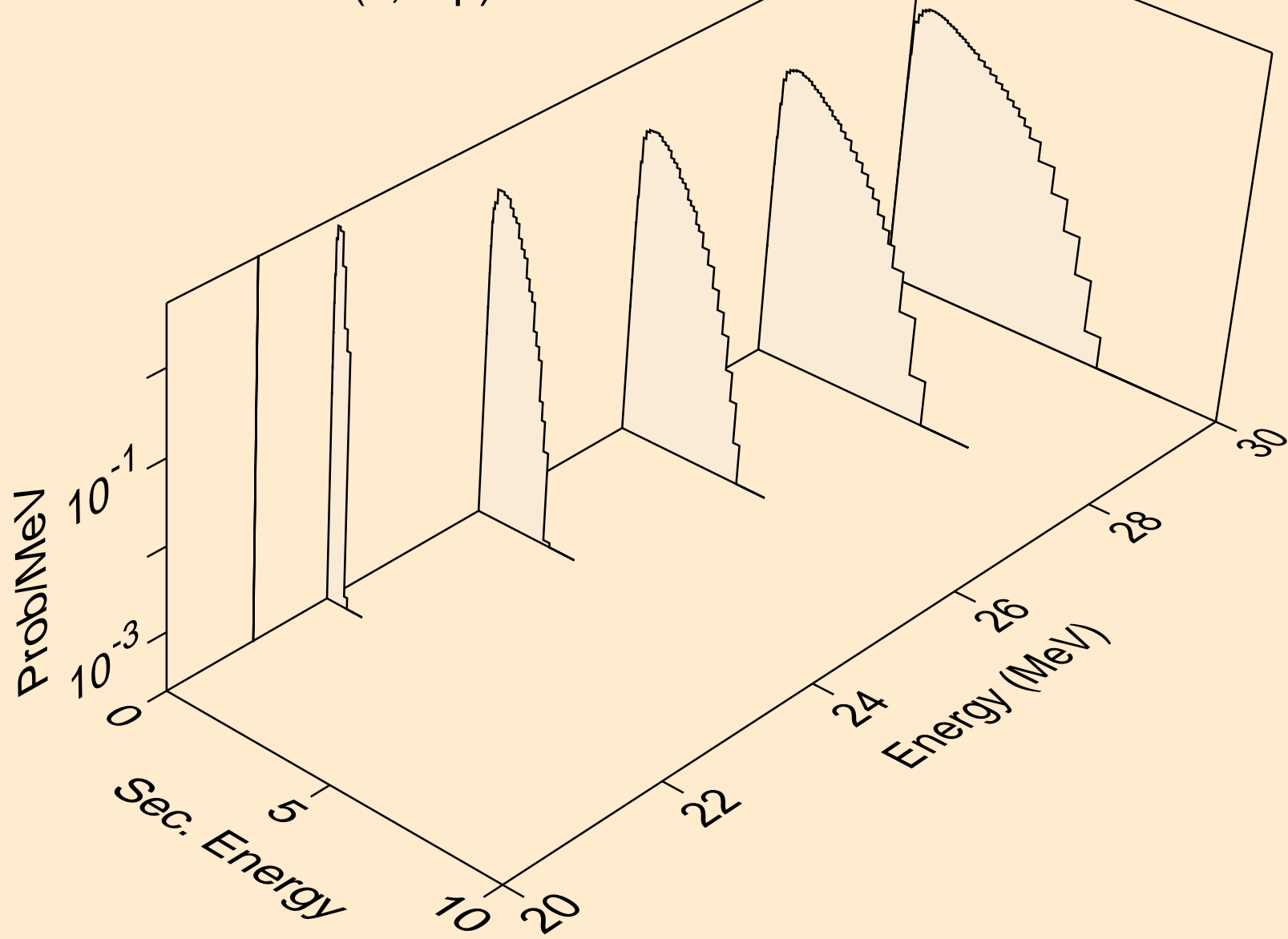




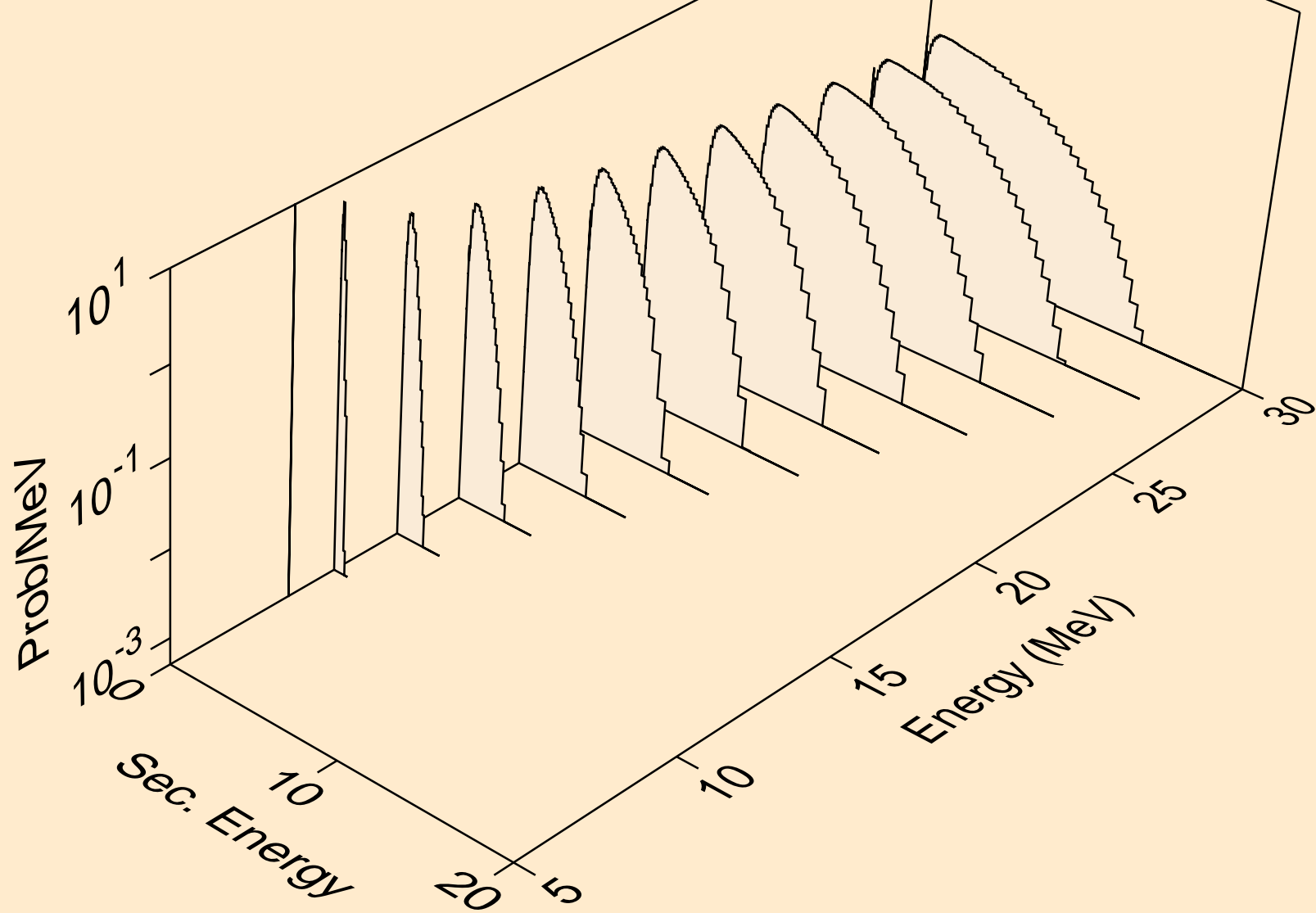
MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2np)



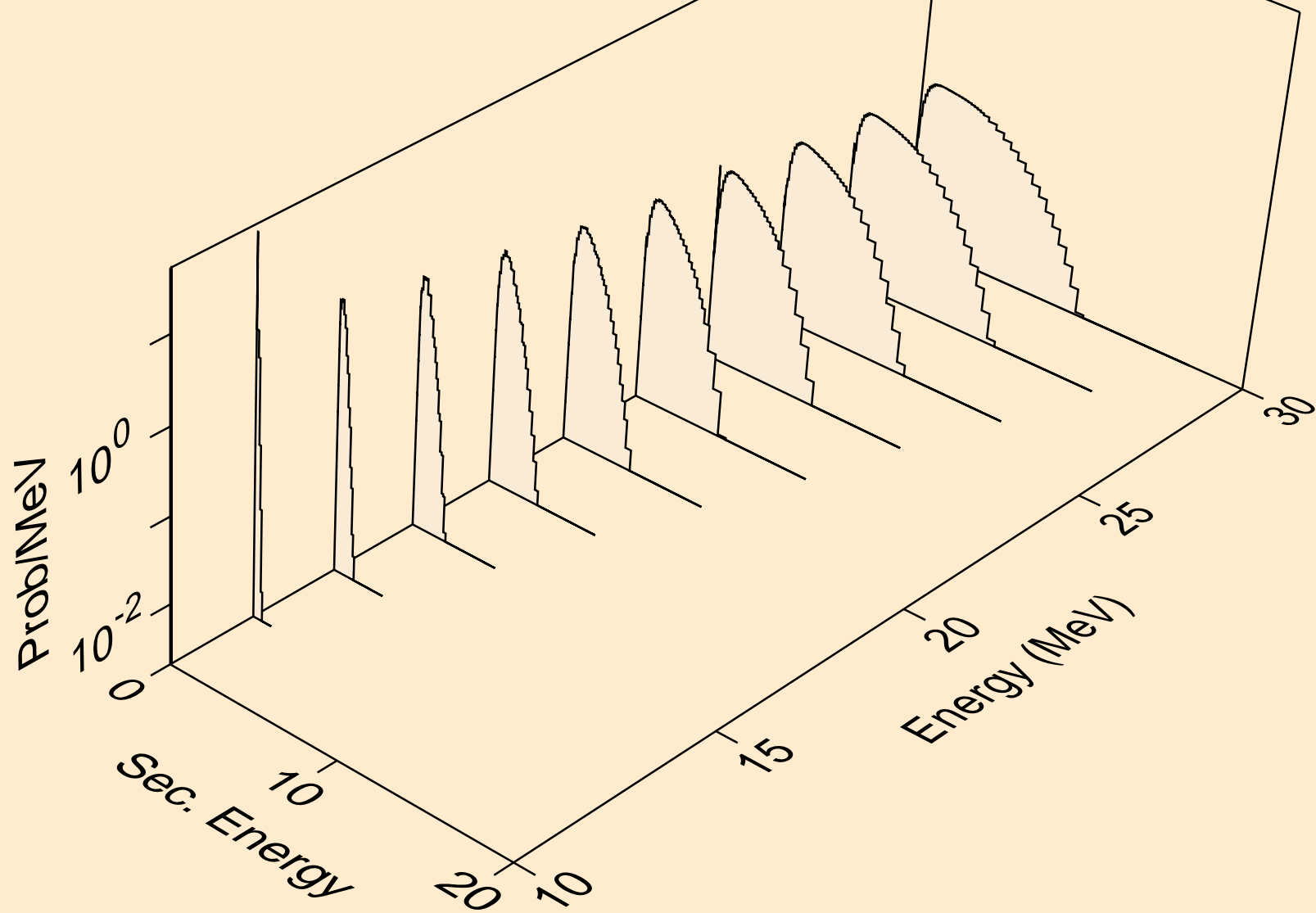
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neutrons from (s,3np)



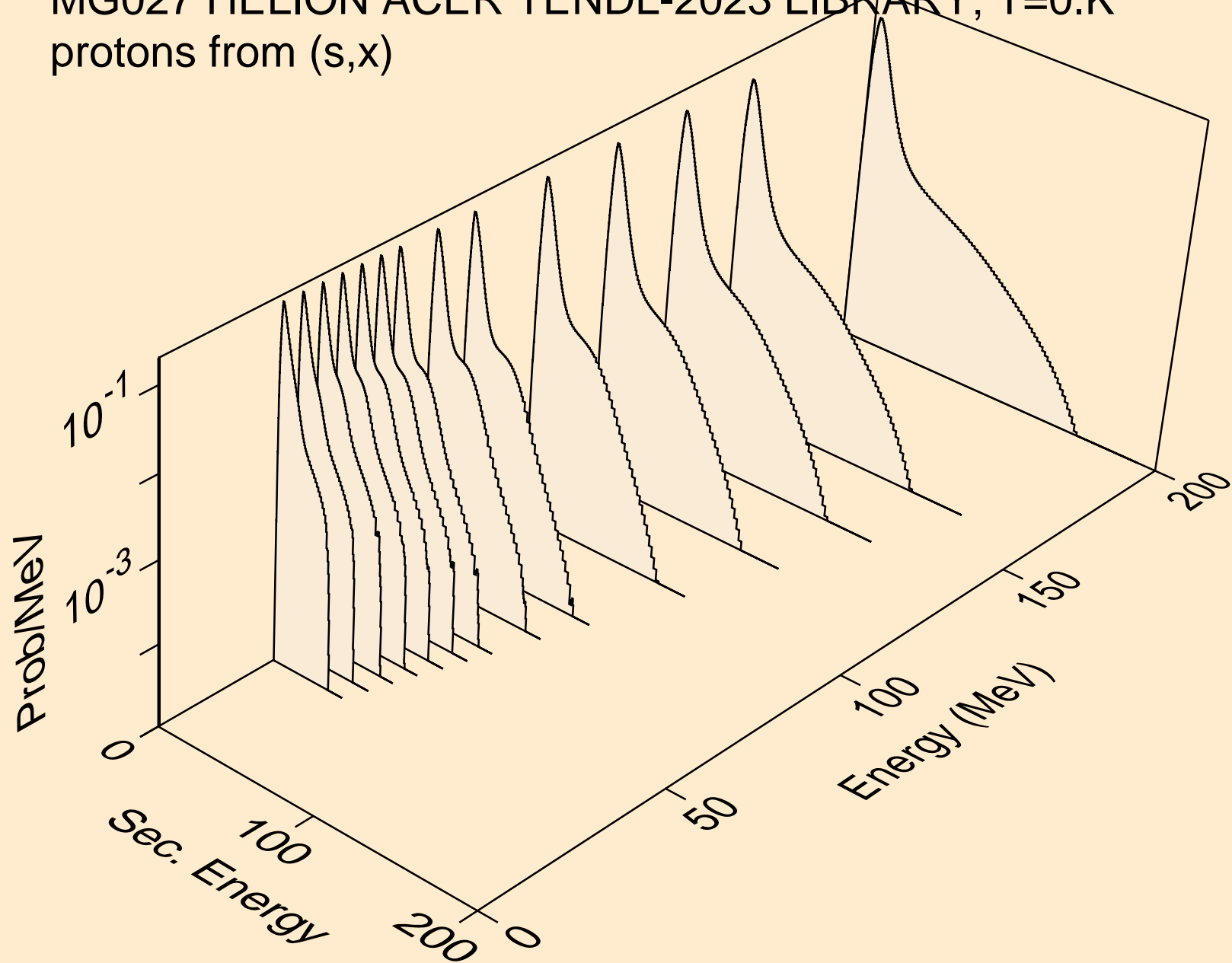
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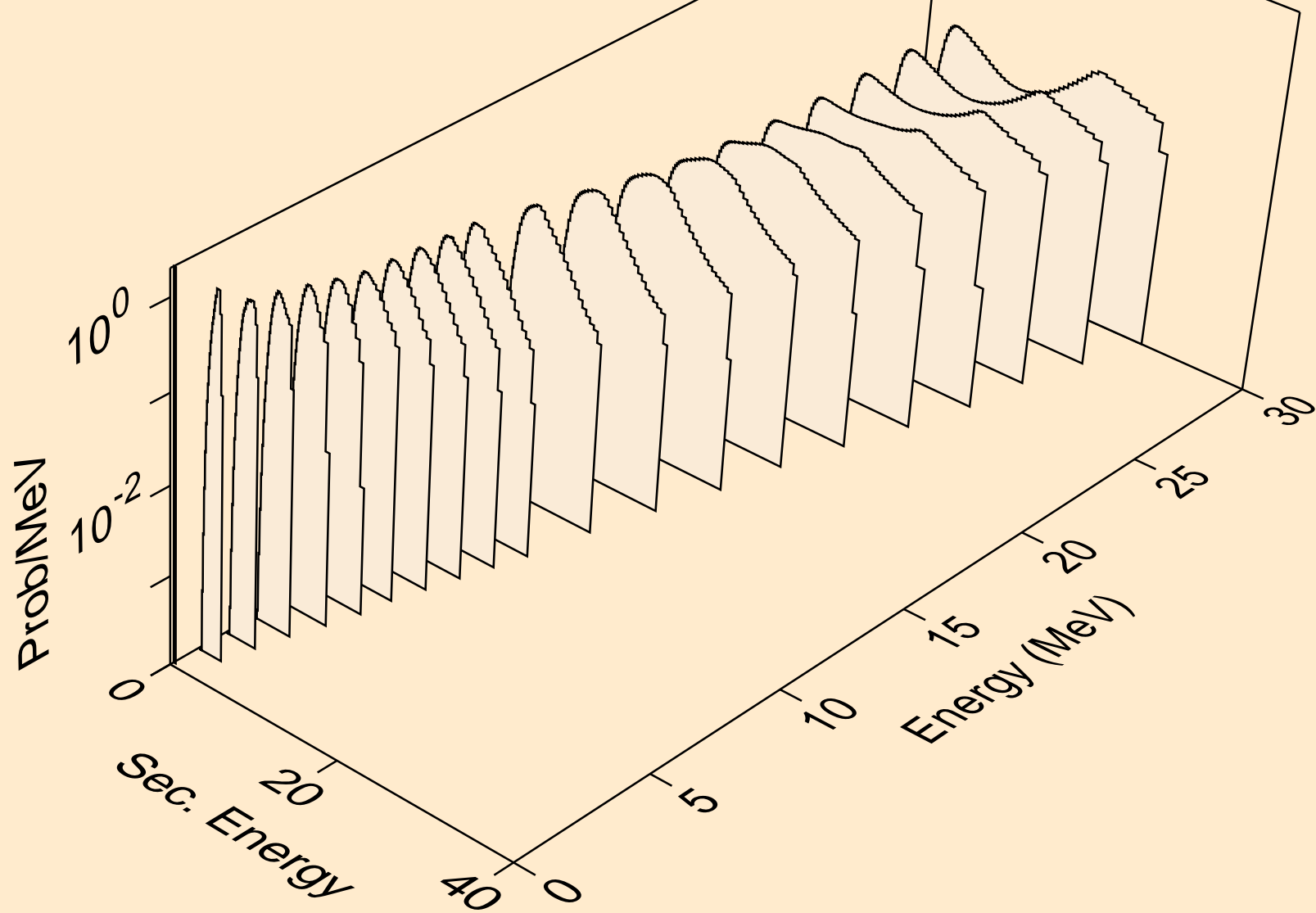
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neutrons from (s,npa)



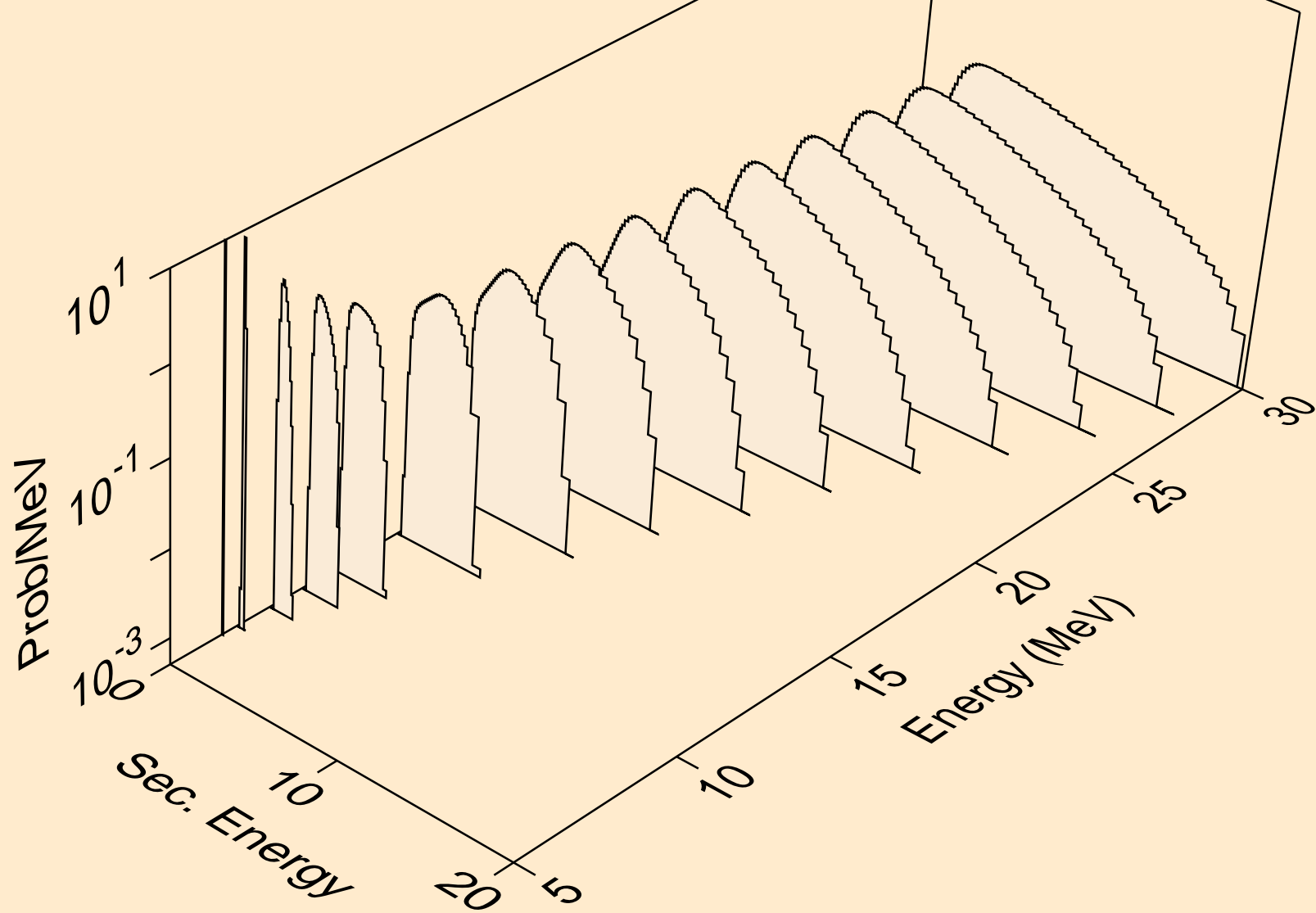
MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,x)



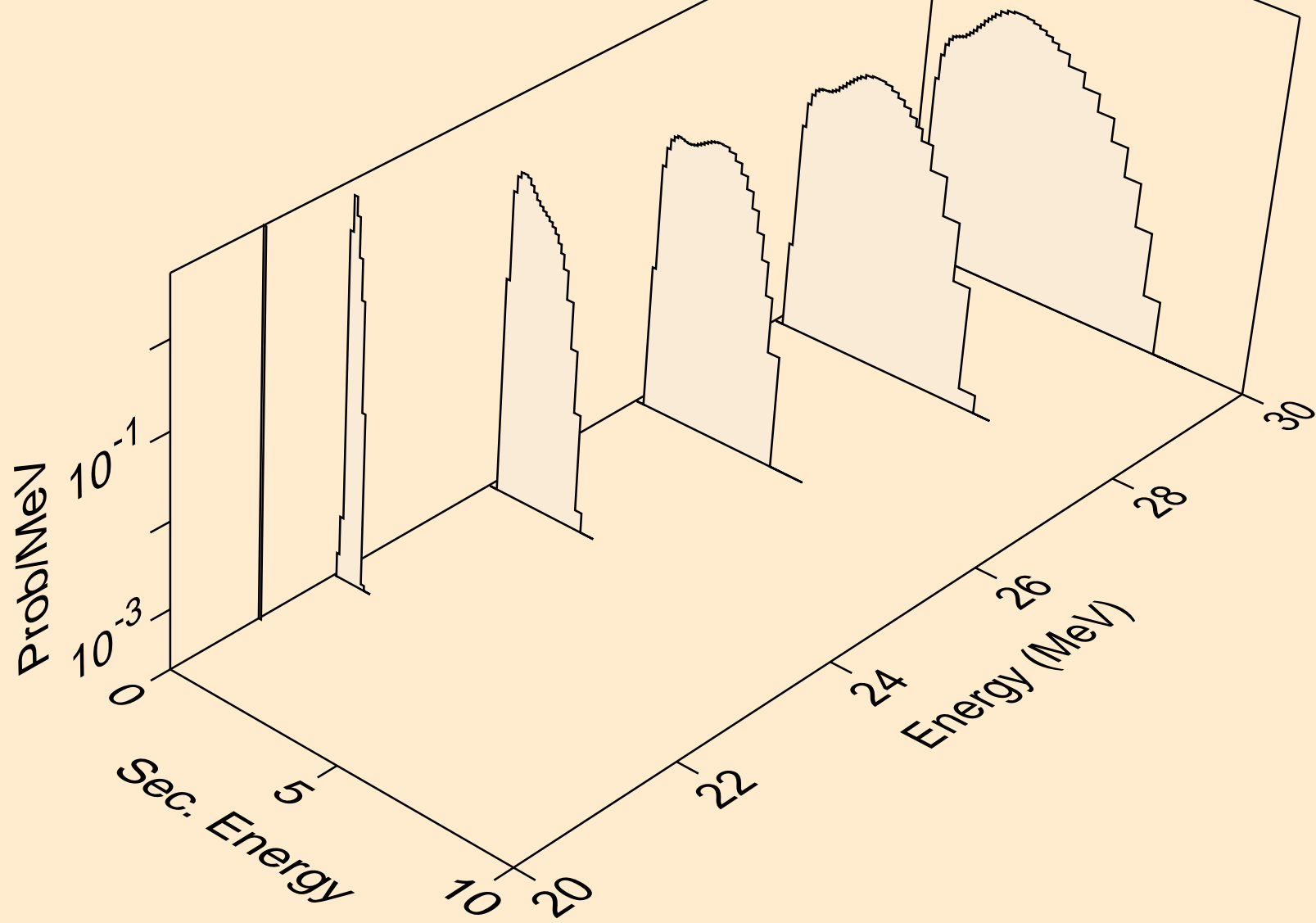
MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,n\*)p



MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,2np)

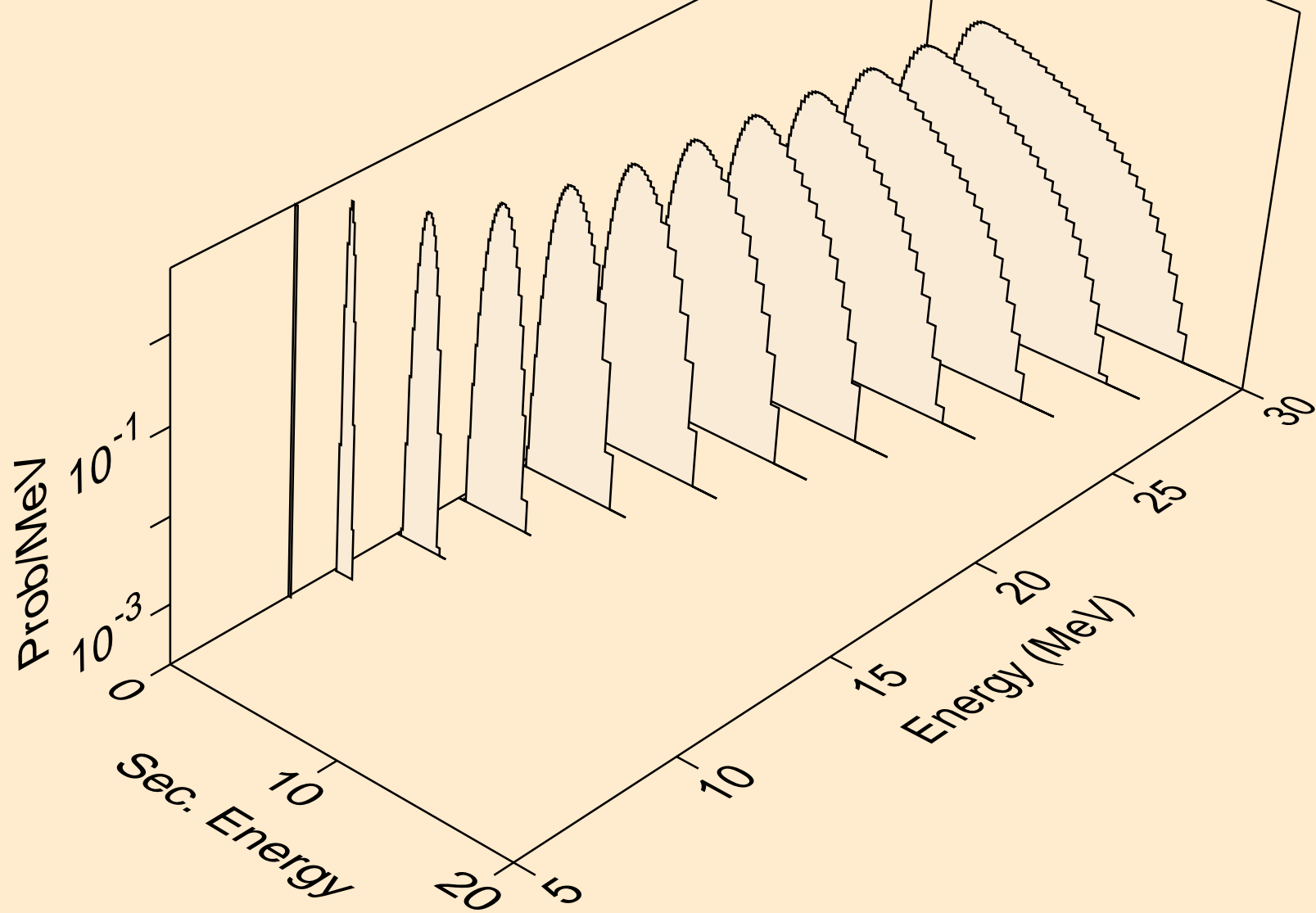


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protons from (s,3np)

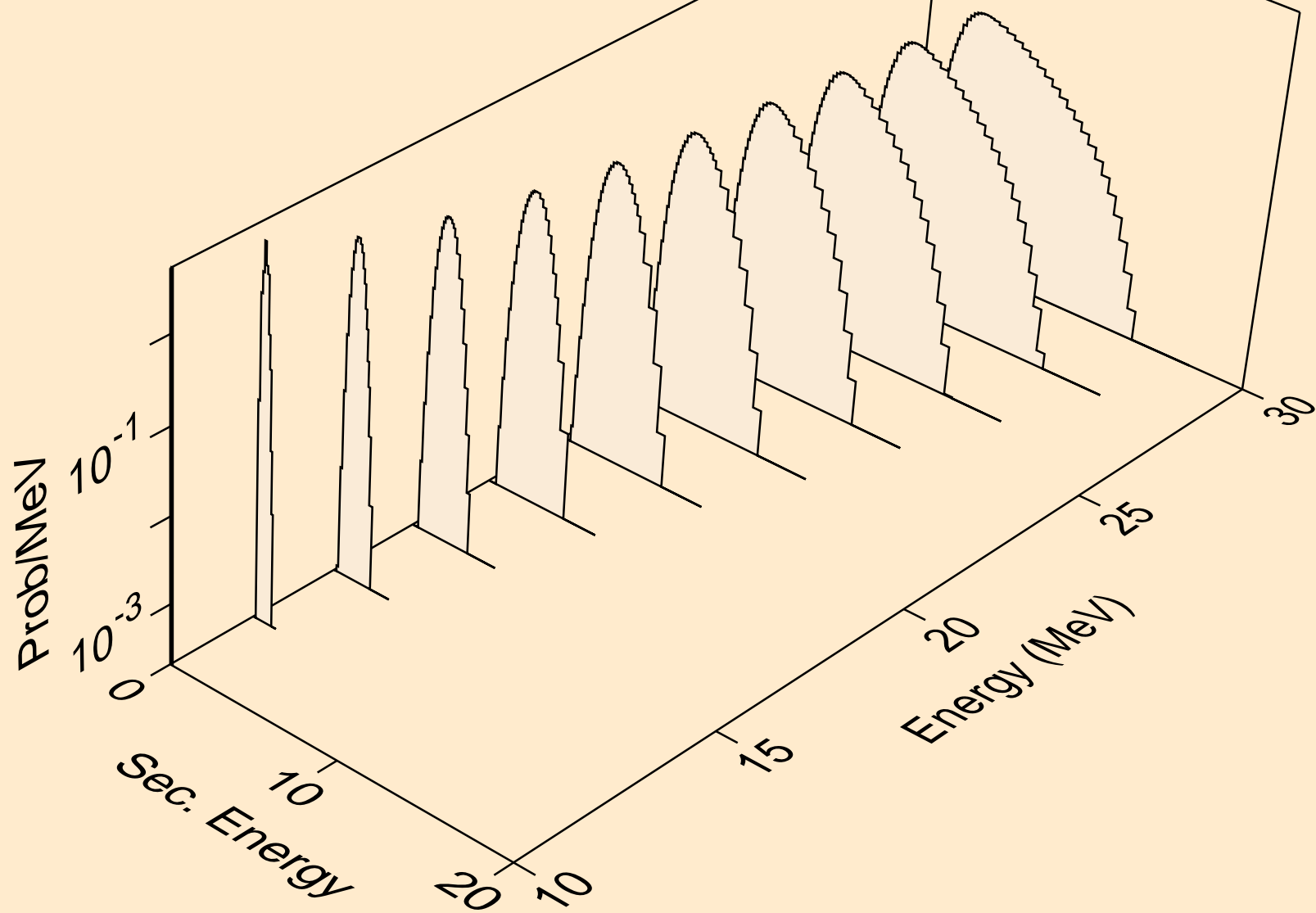




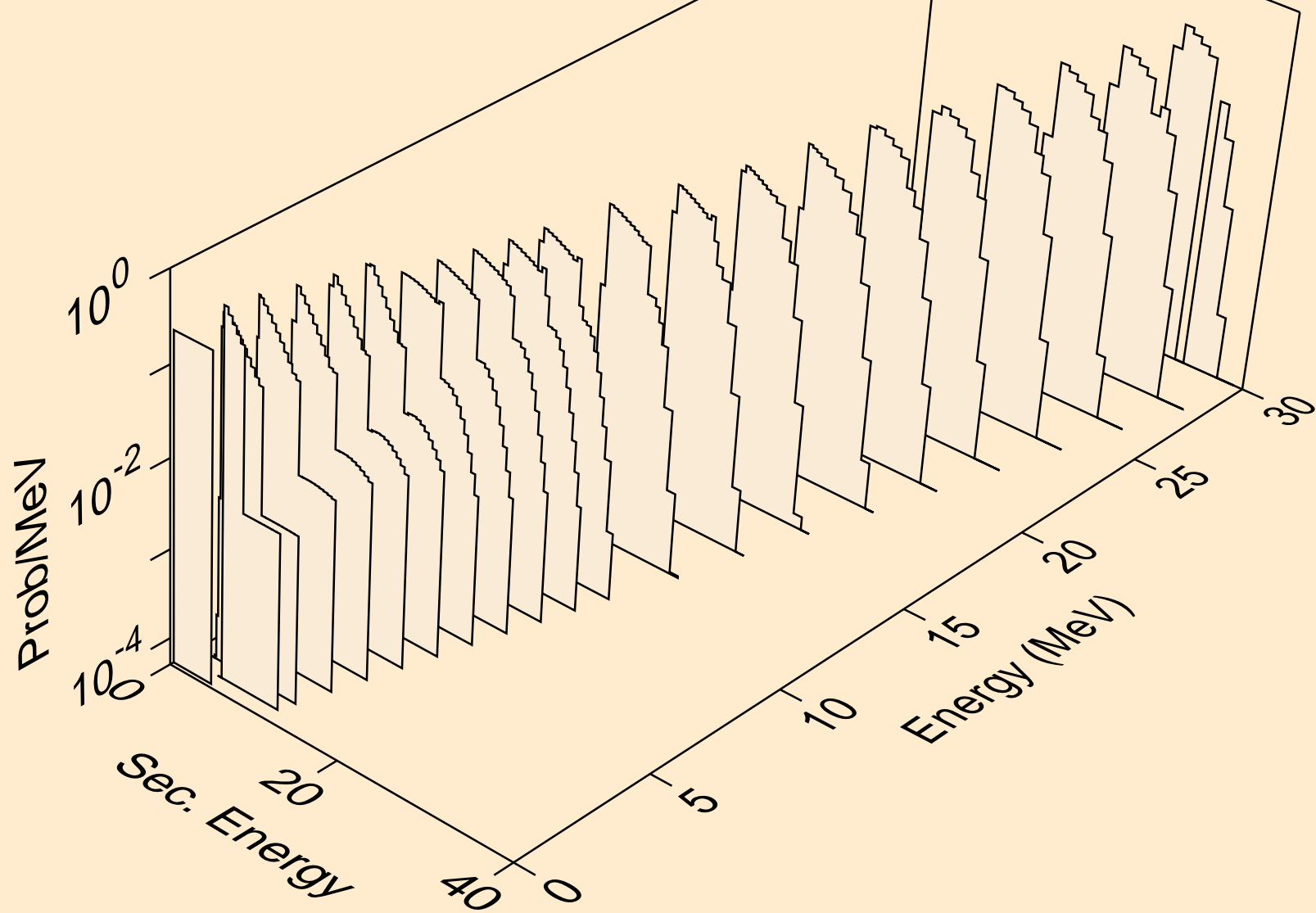
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protons from (s,n2p)



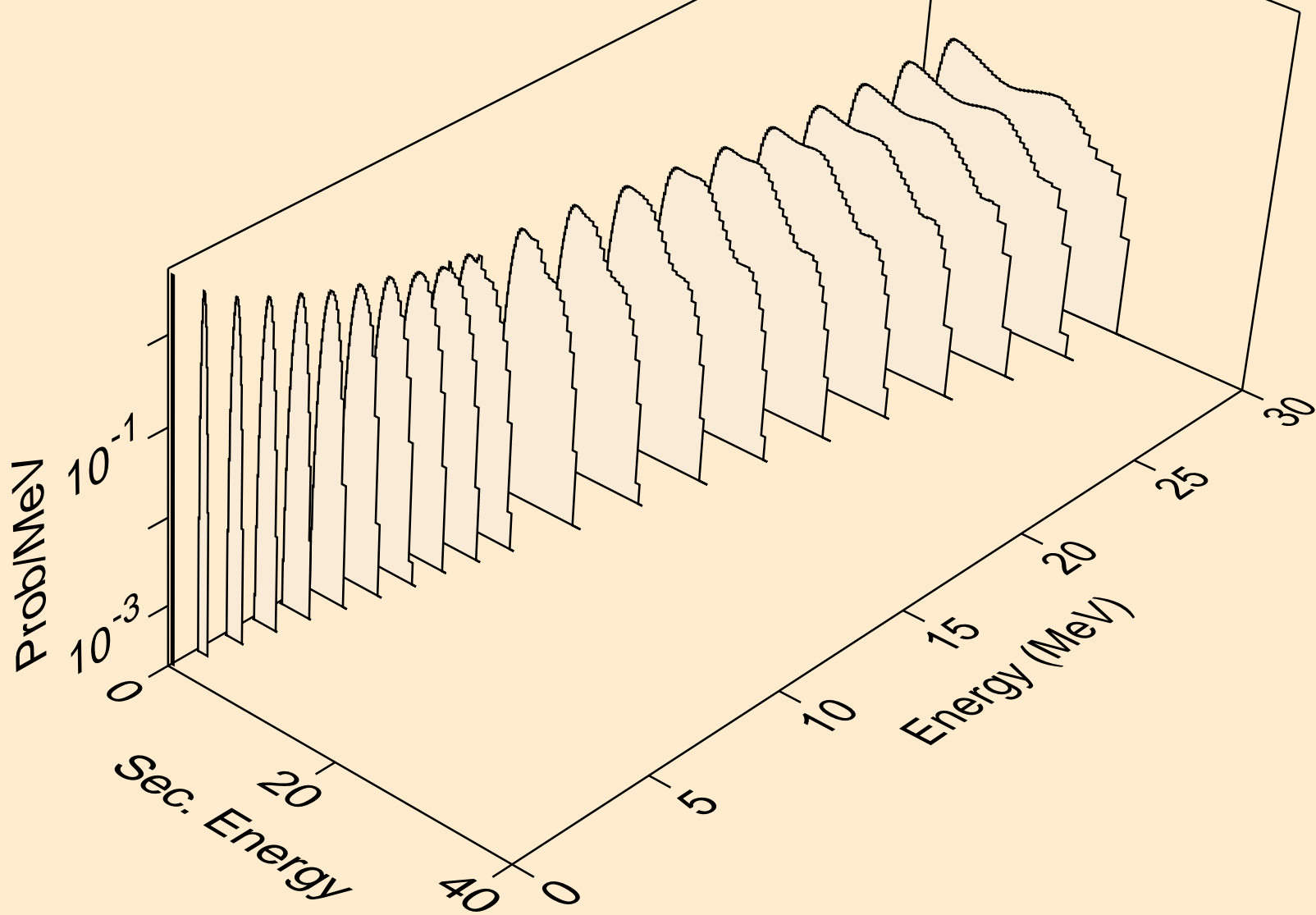
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protons from (s,npa)



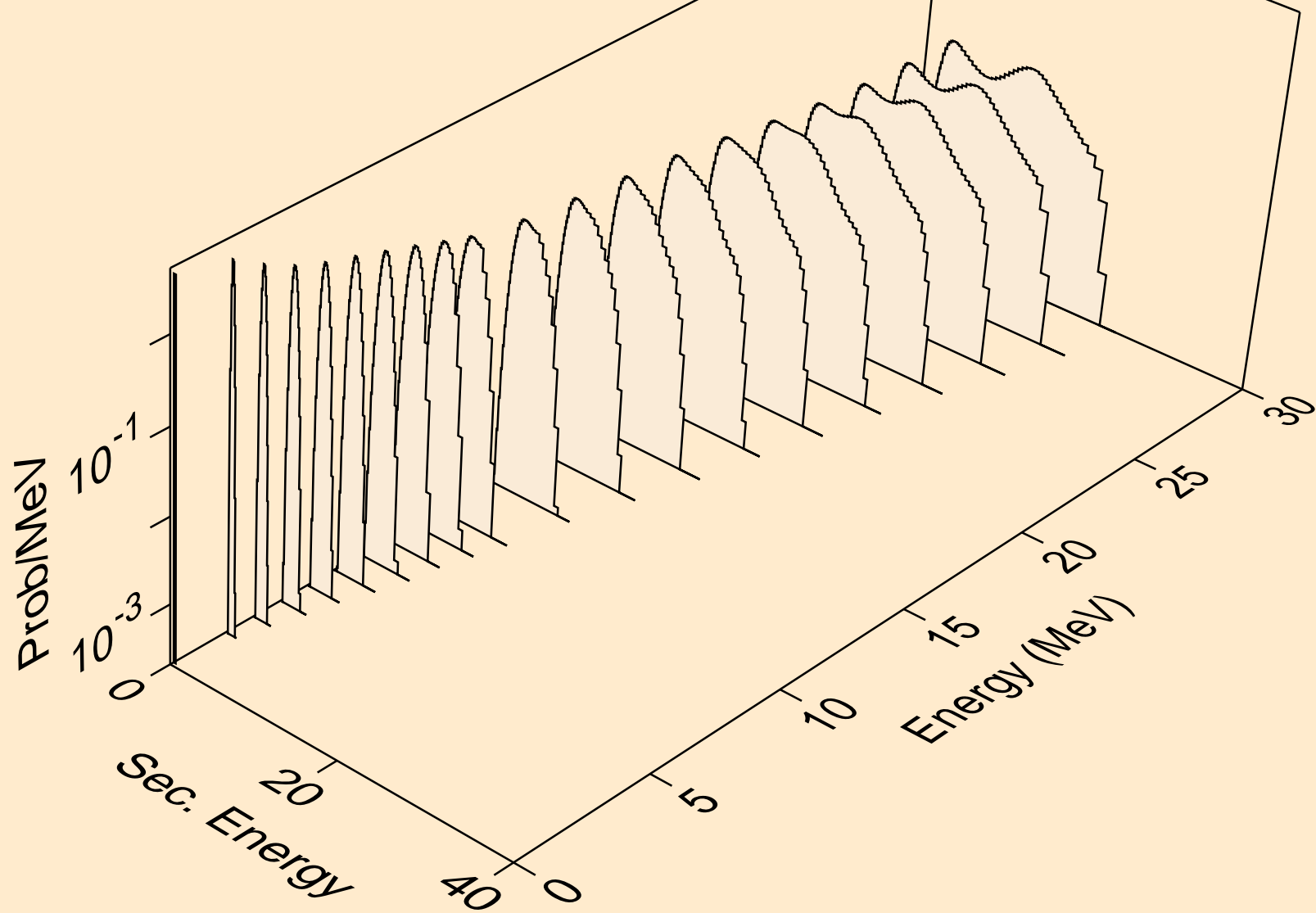
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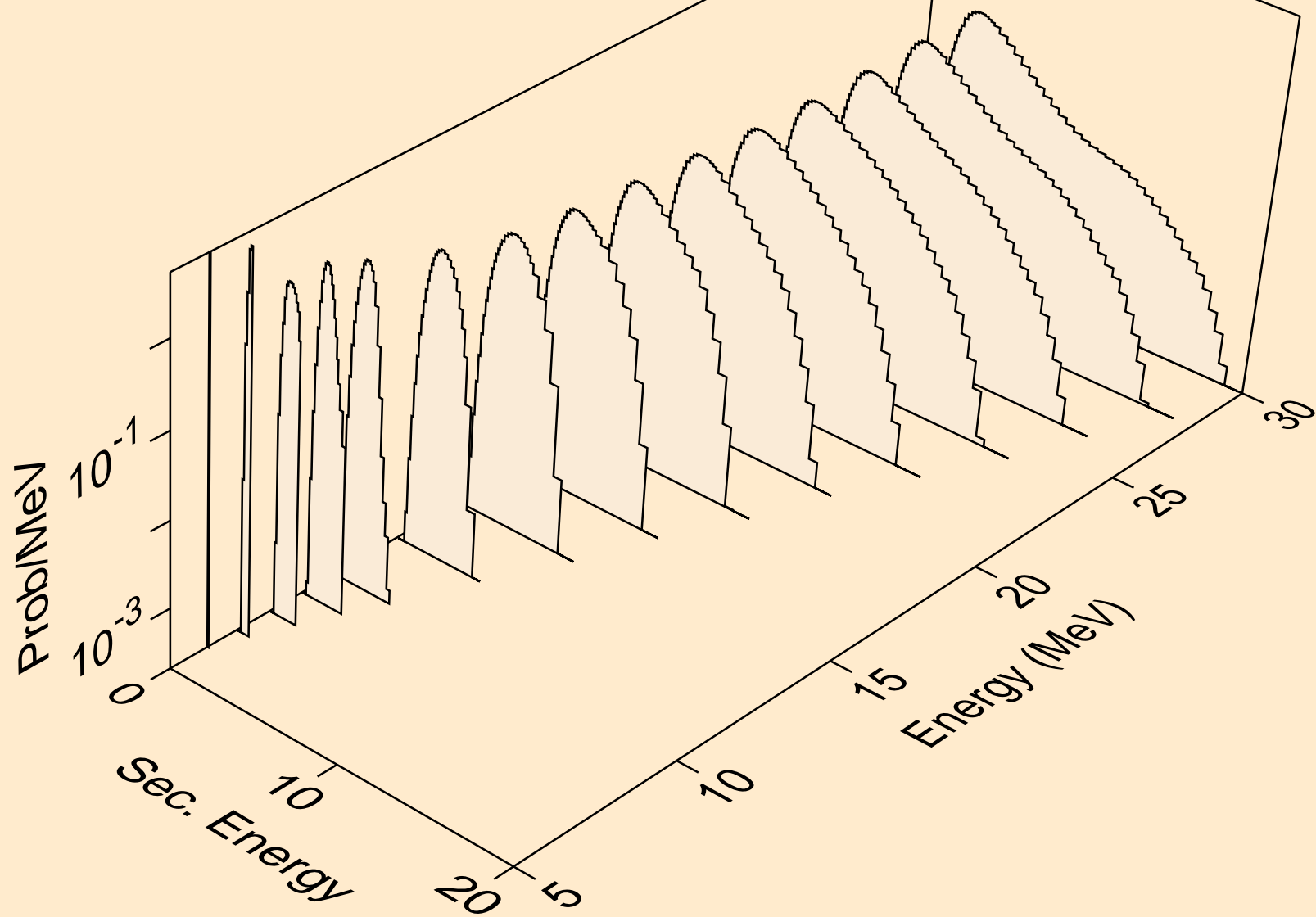
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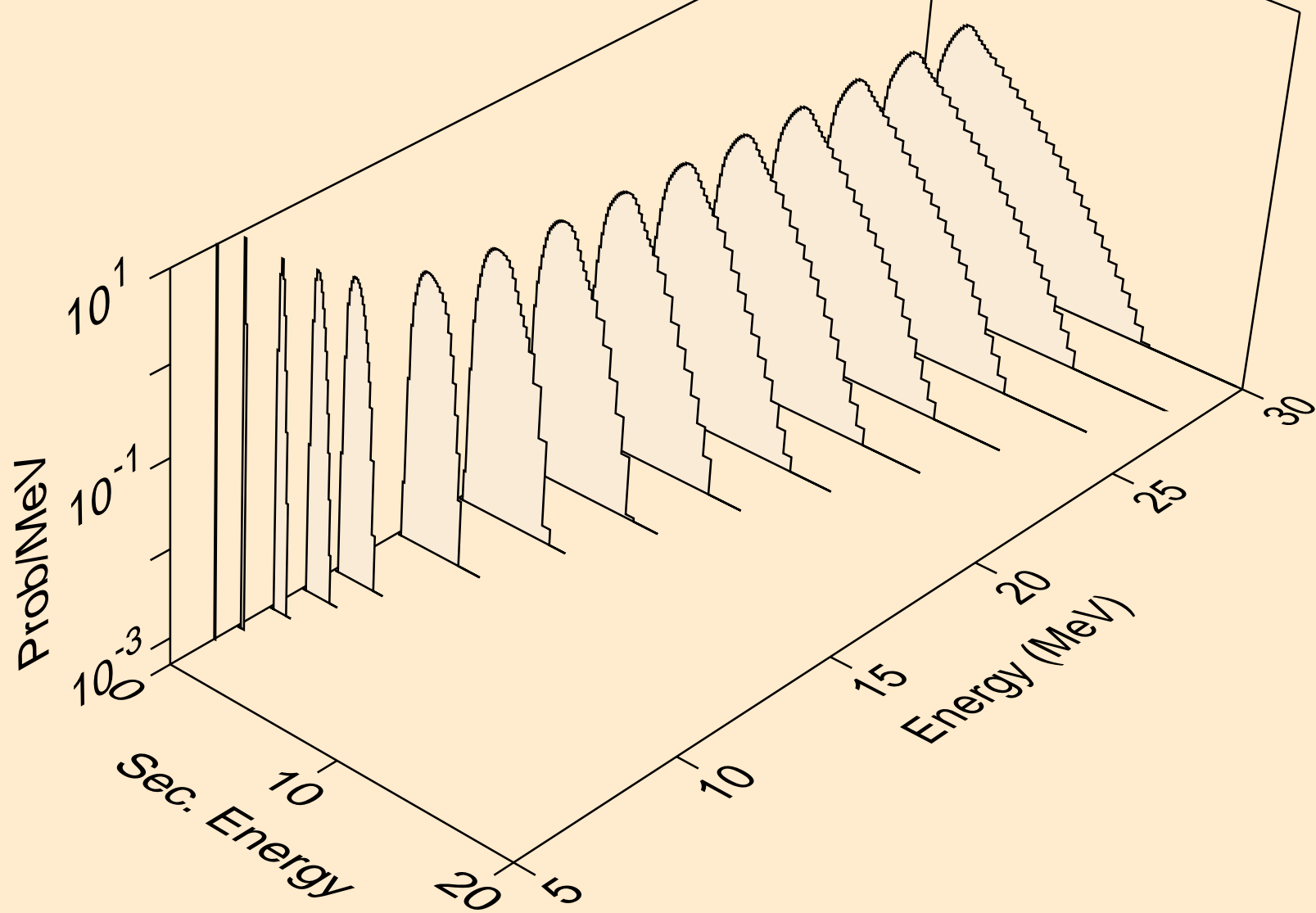
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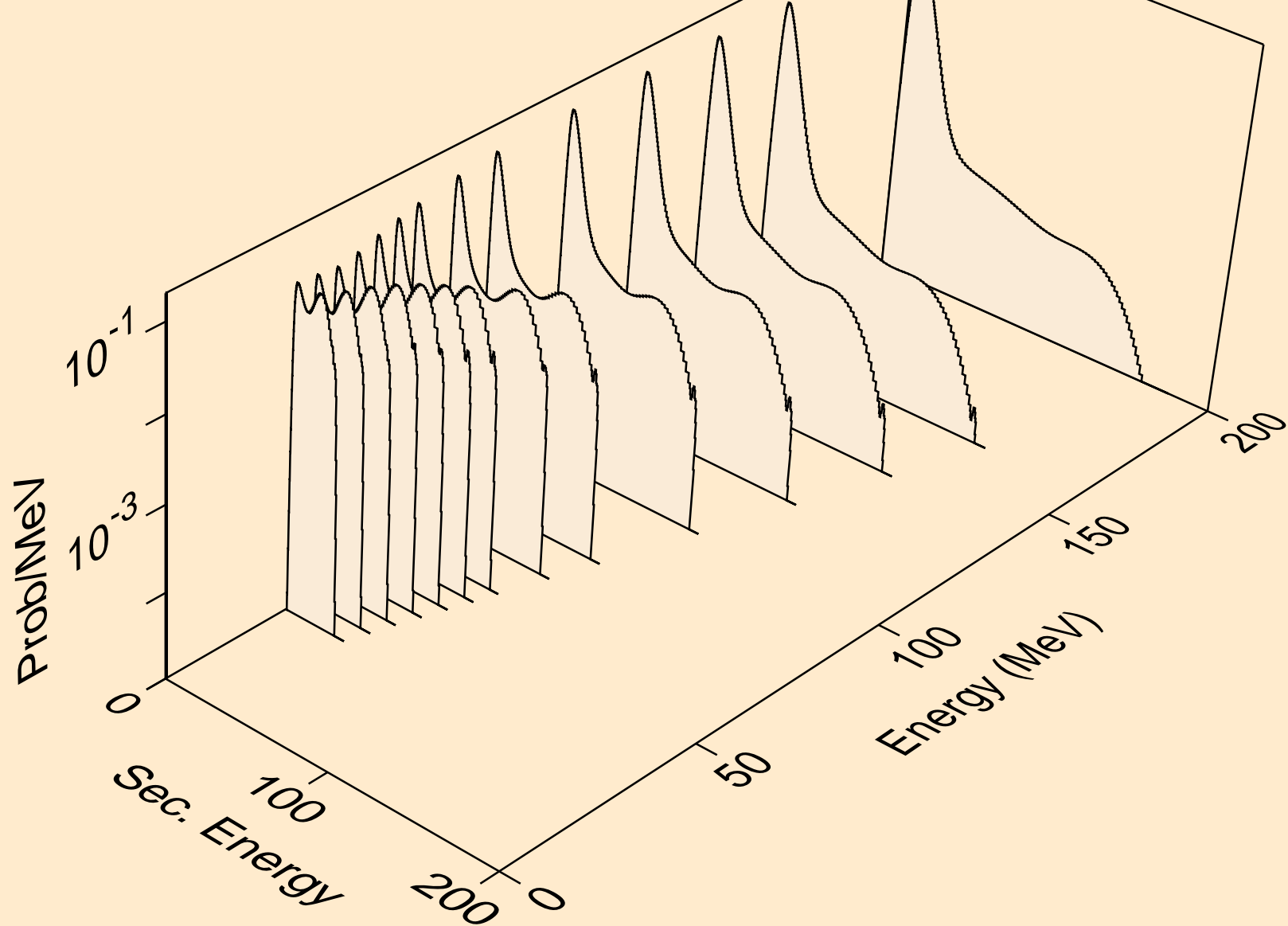
MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pd)



MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pt)

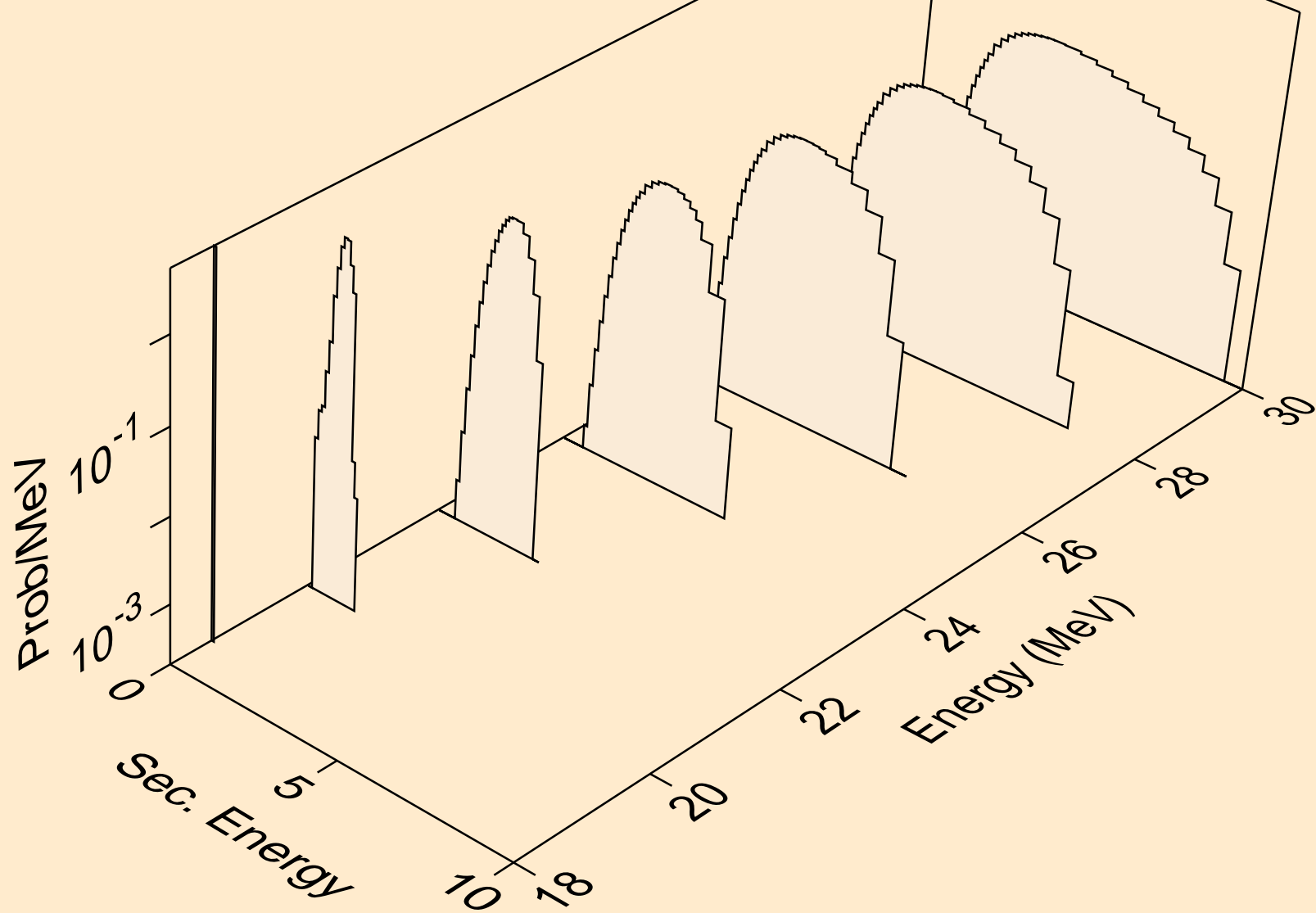


MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,x)

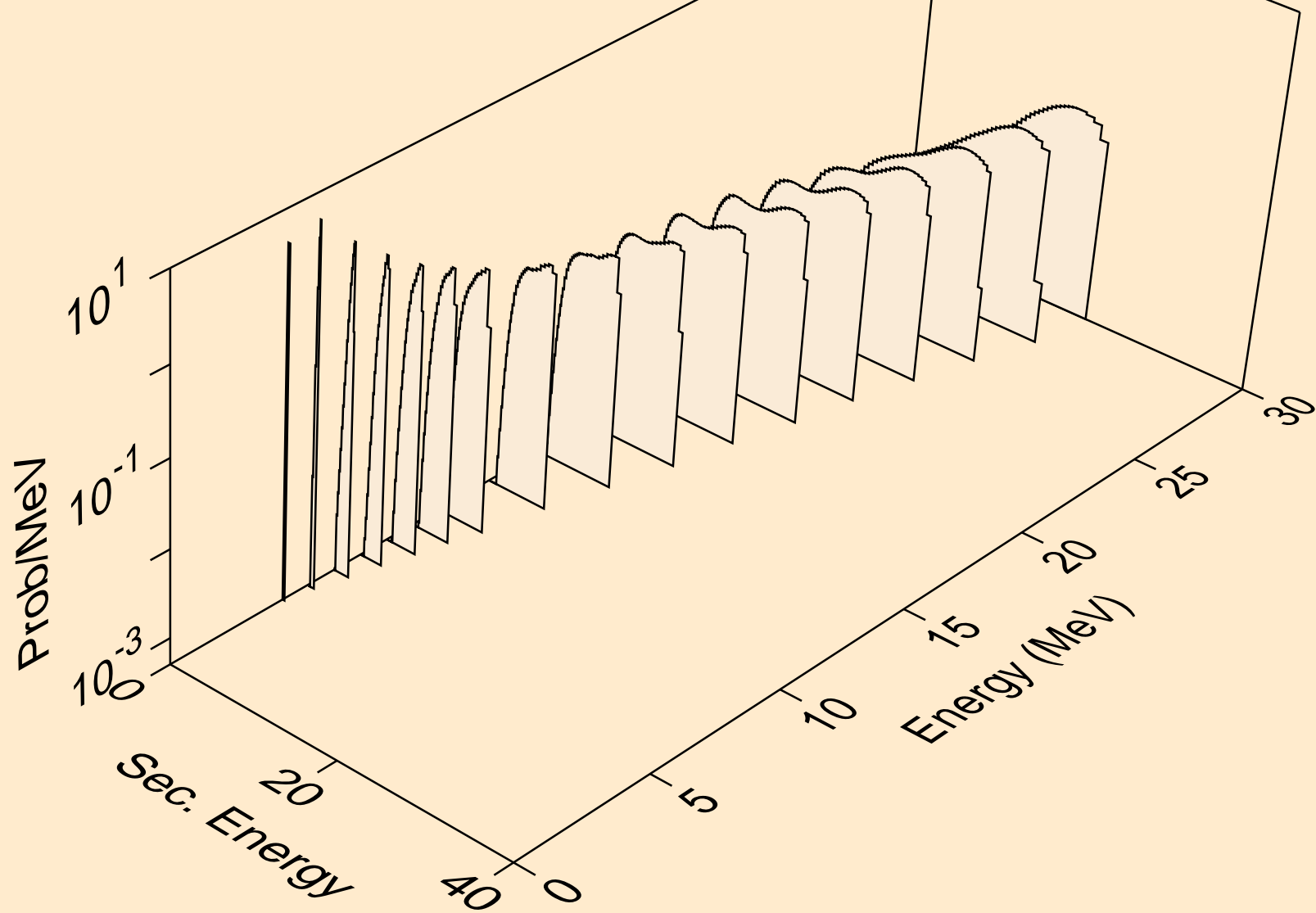




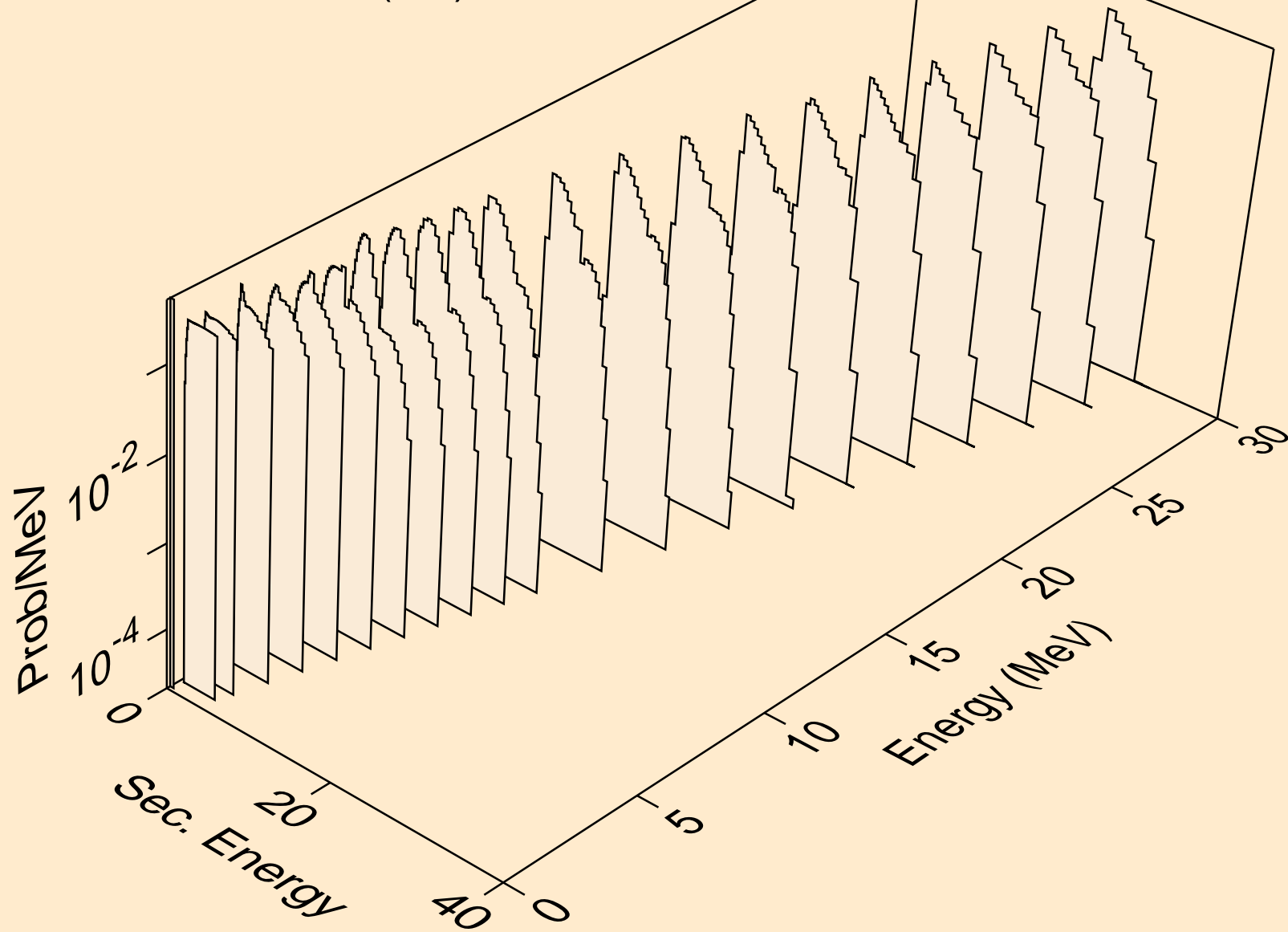
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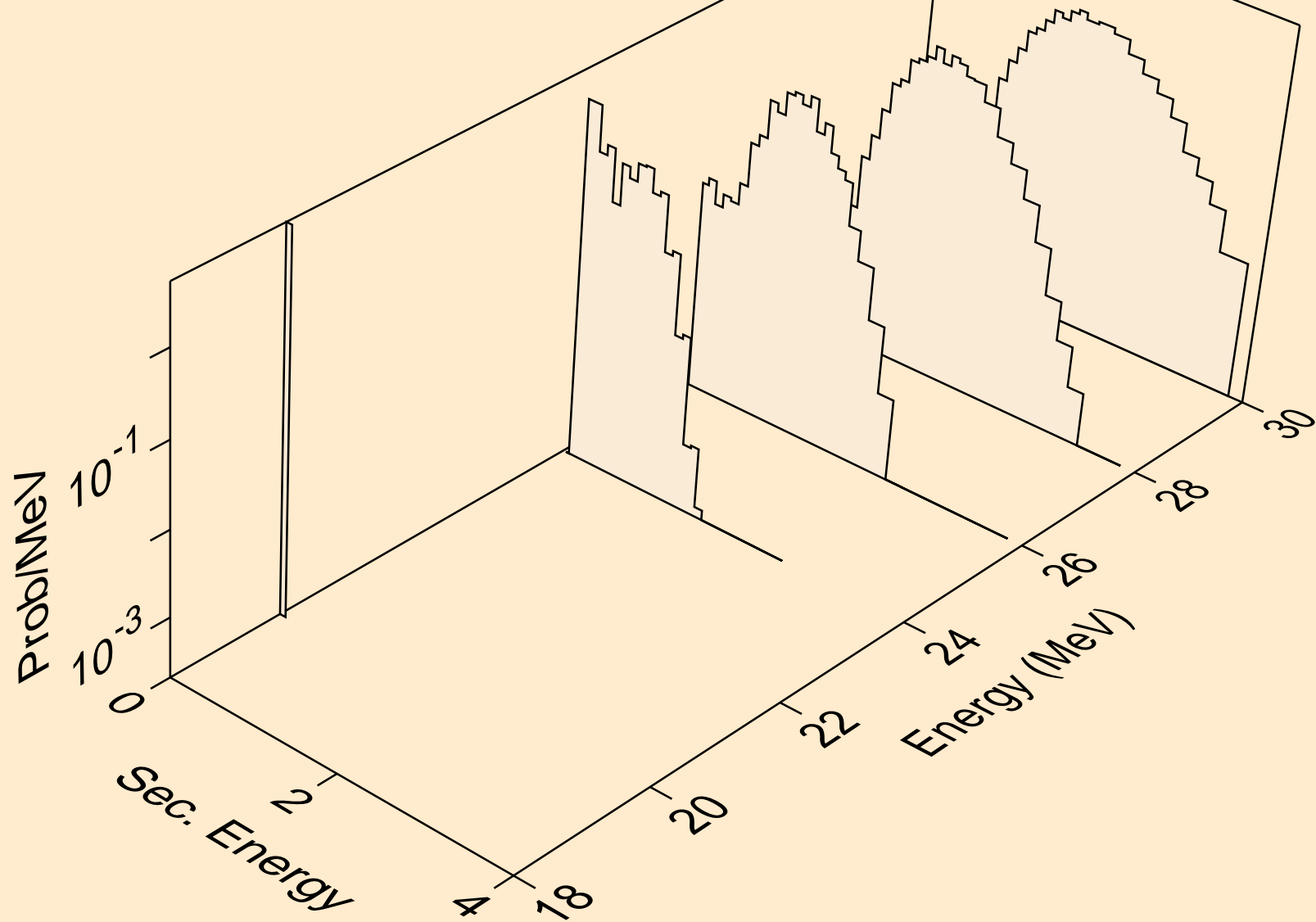
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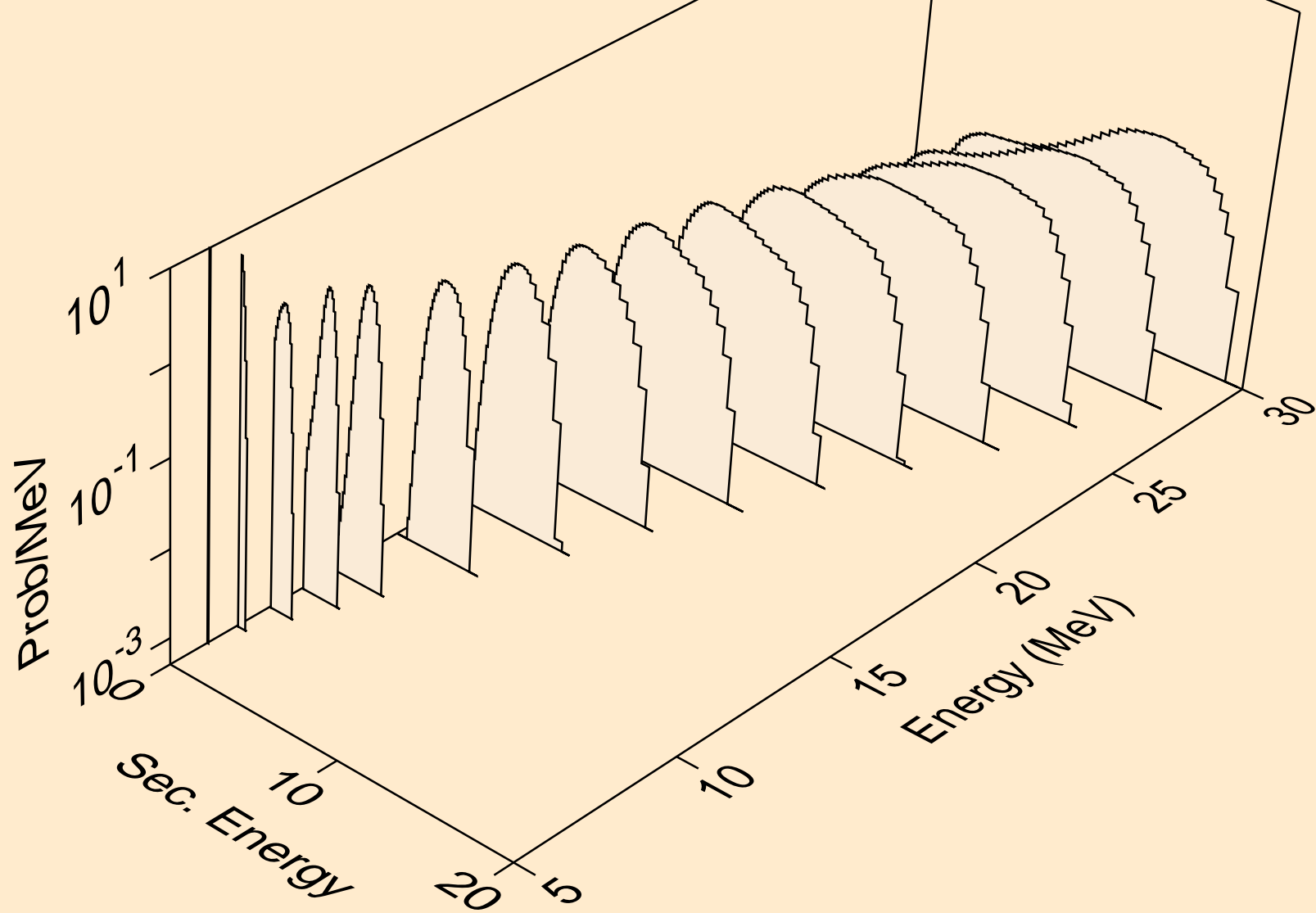
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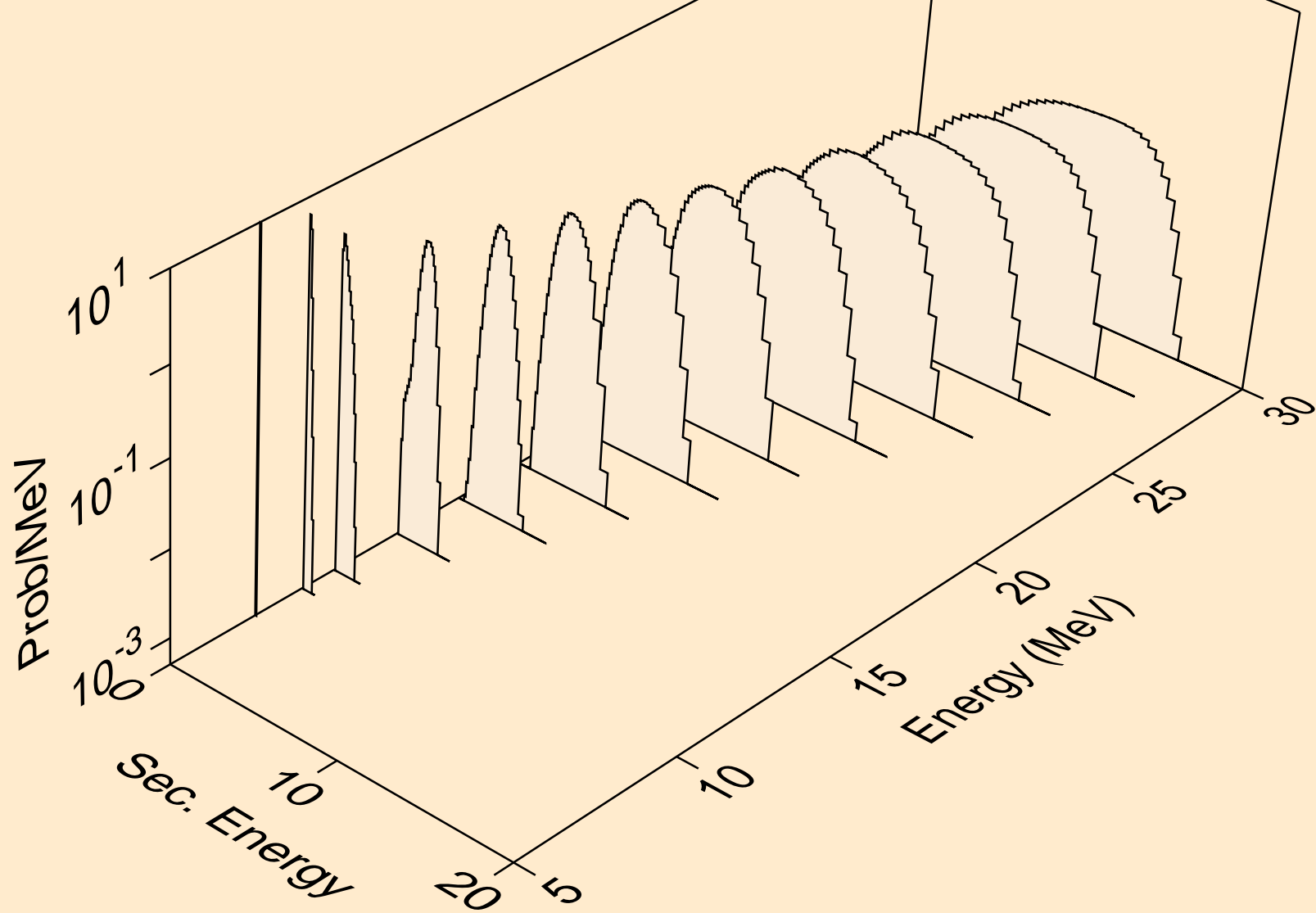
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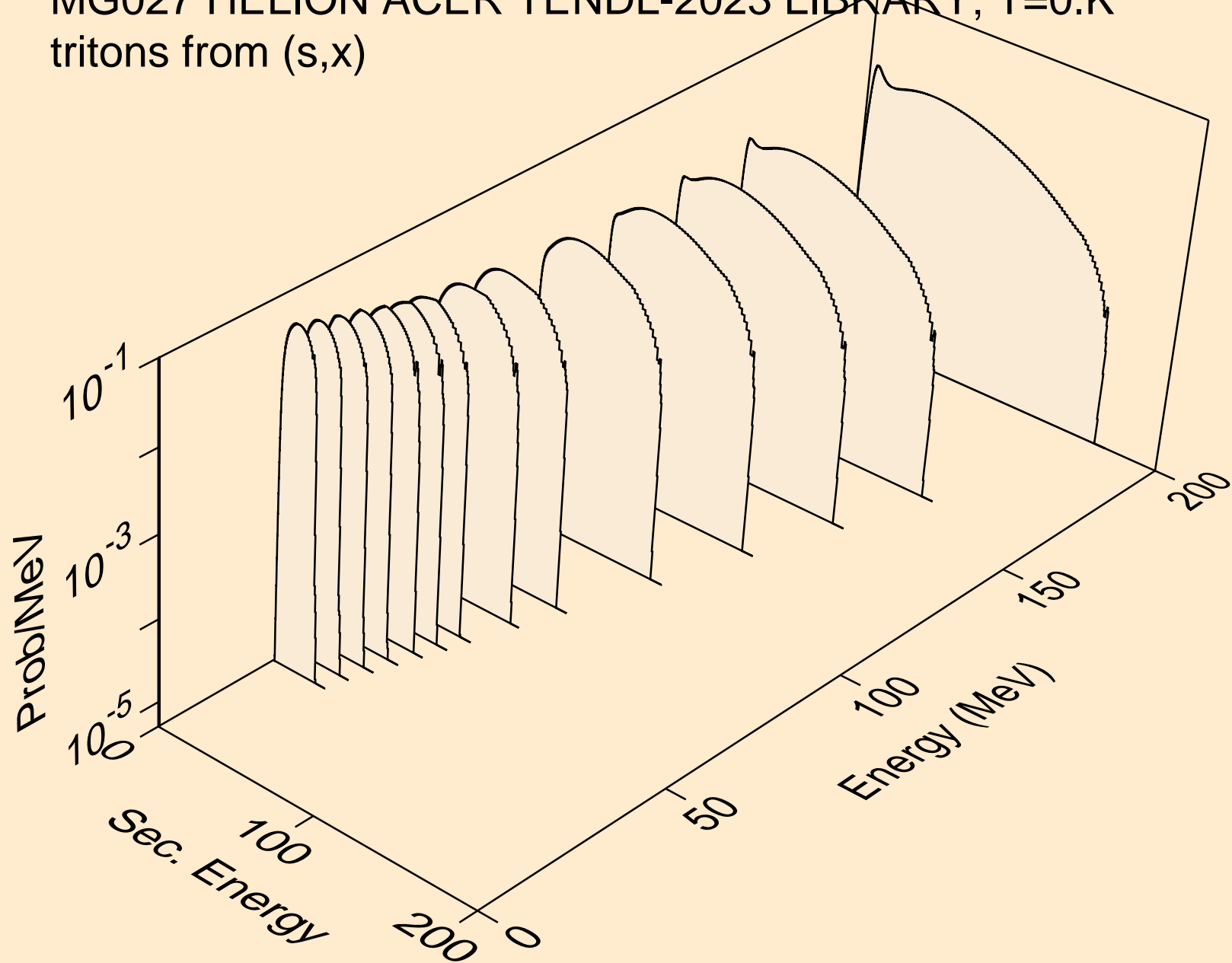
MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,pd)



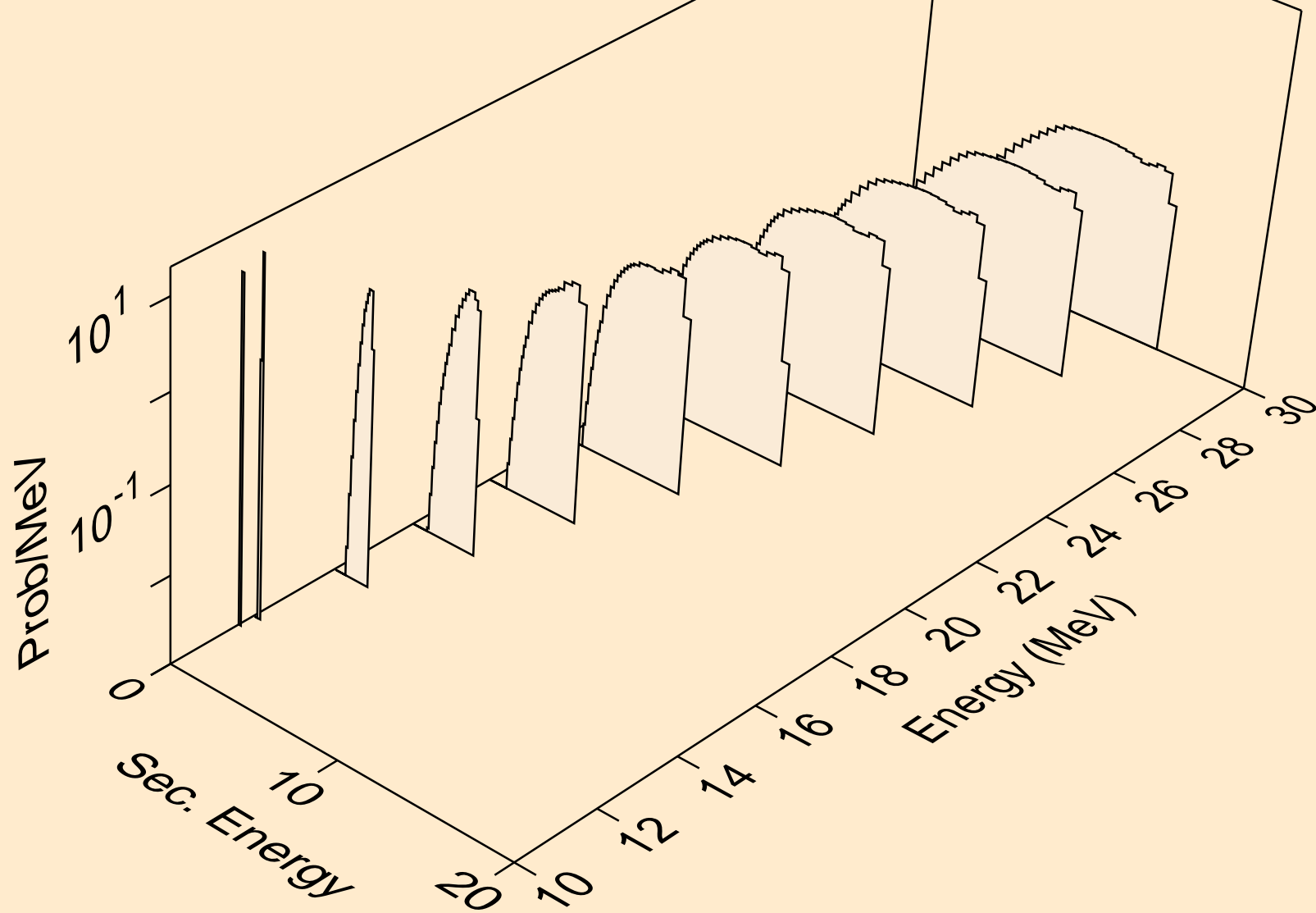
MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,da)



MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,x)

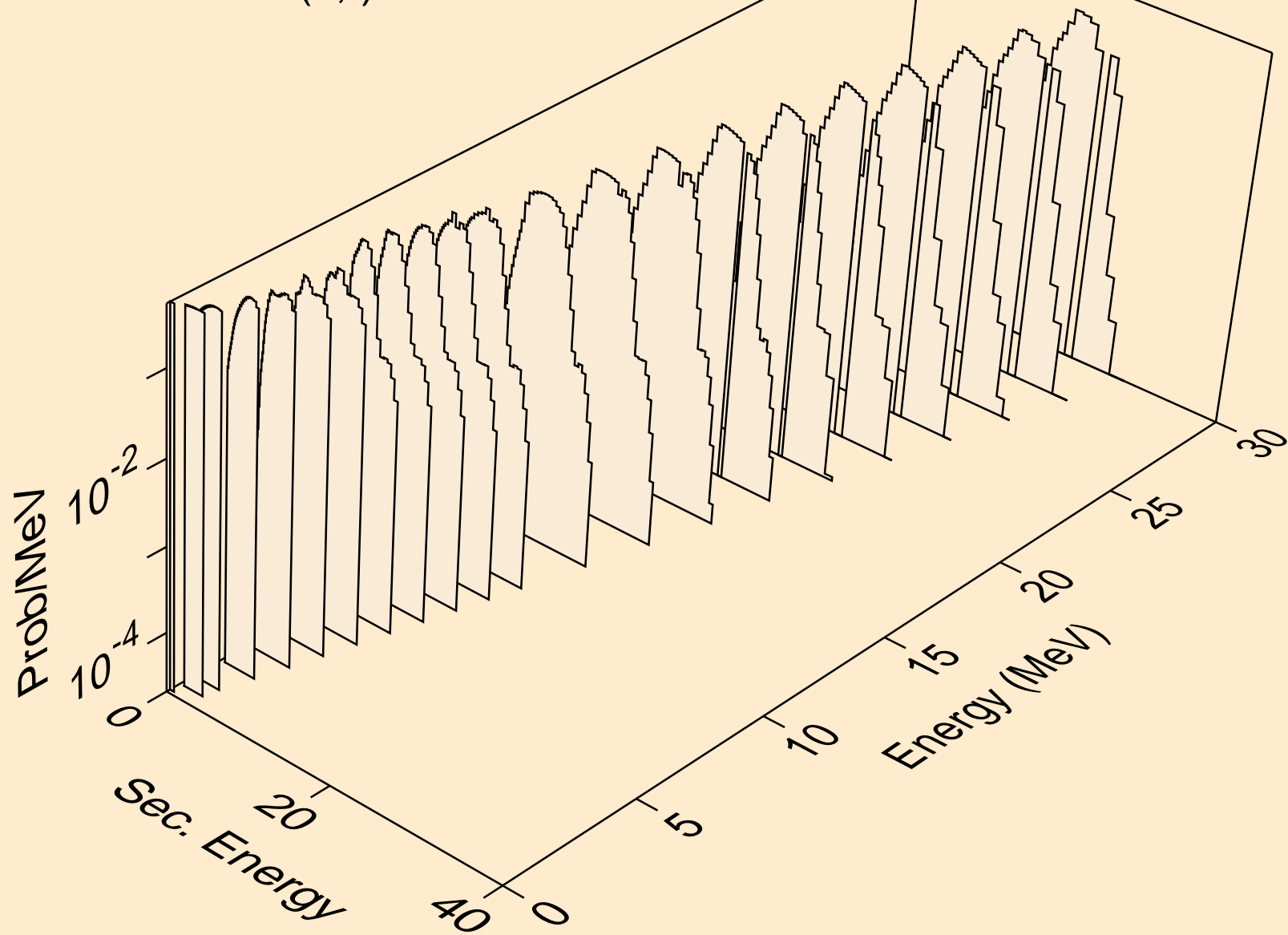


MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,n\*)t

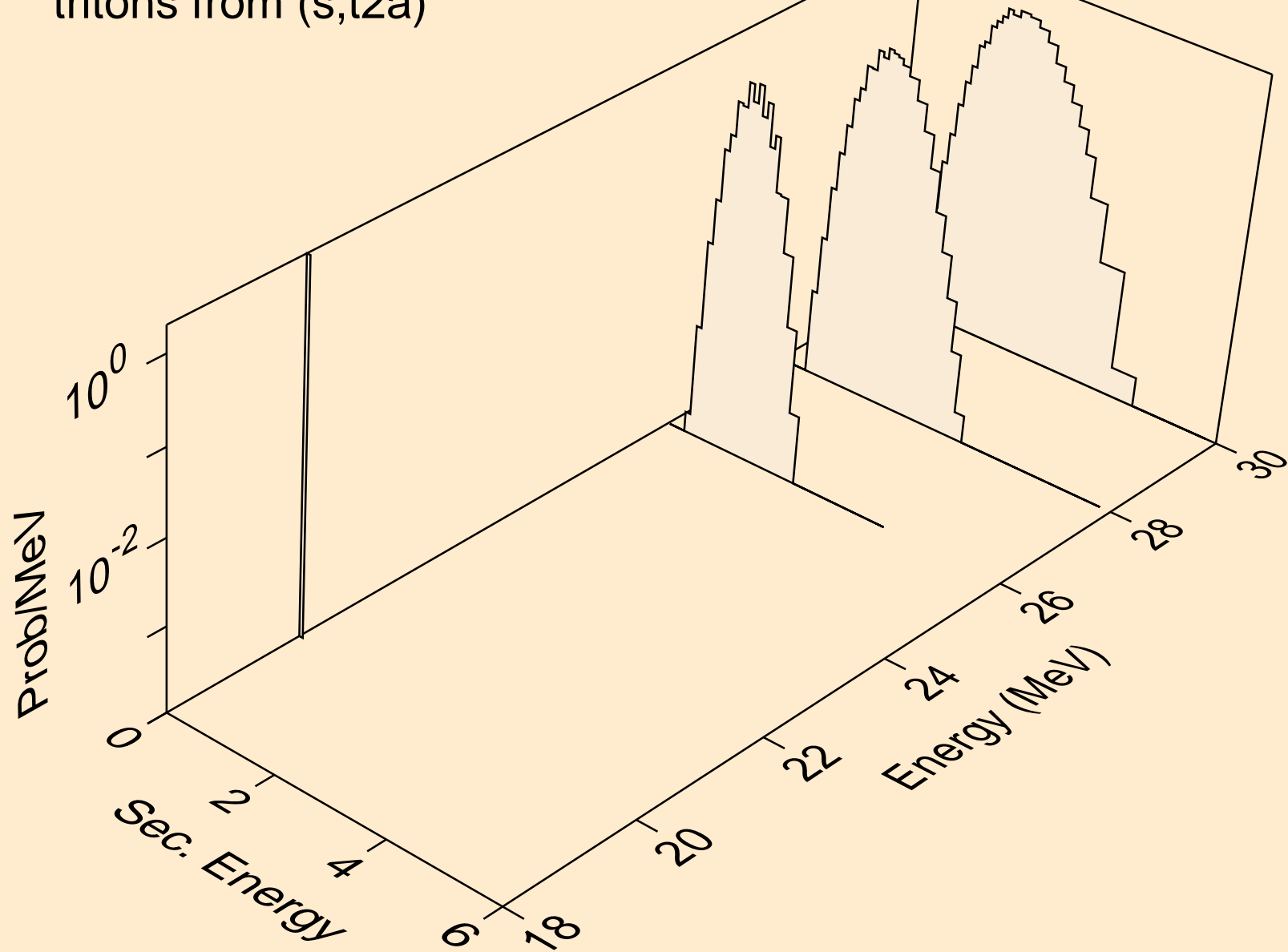




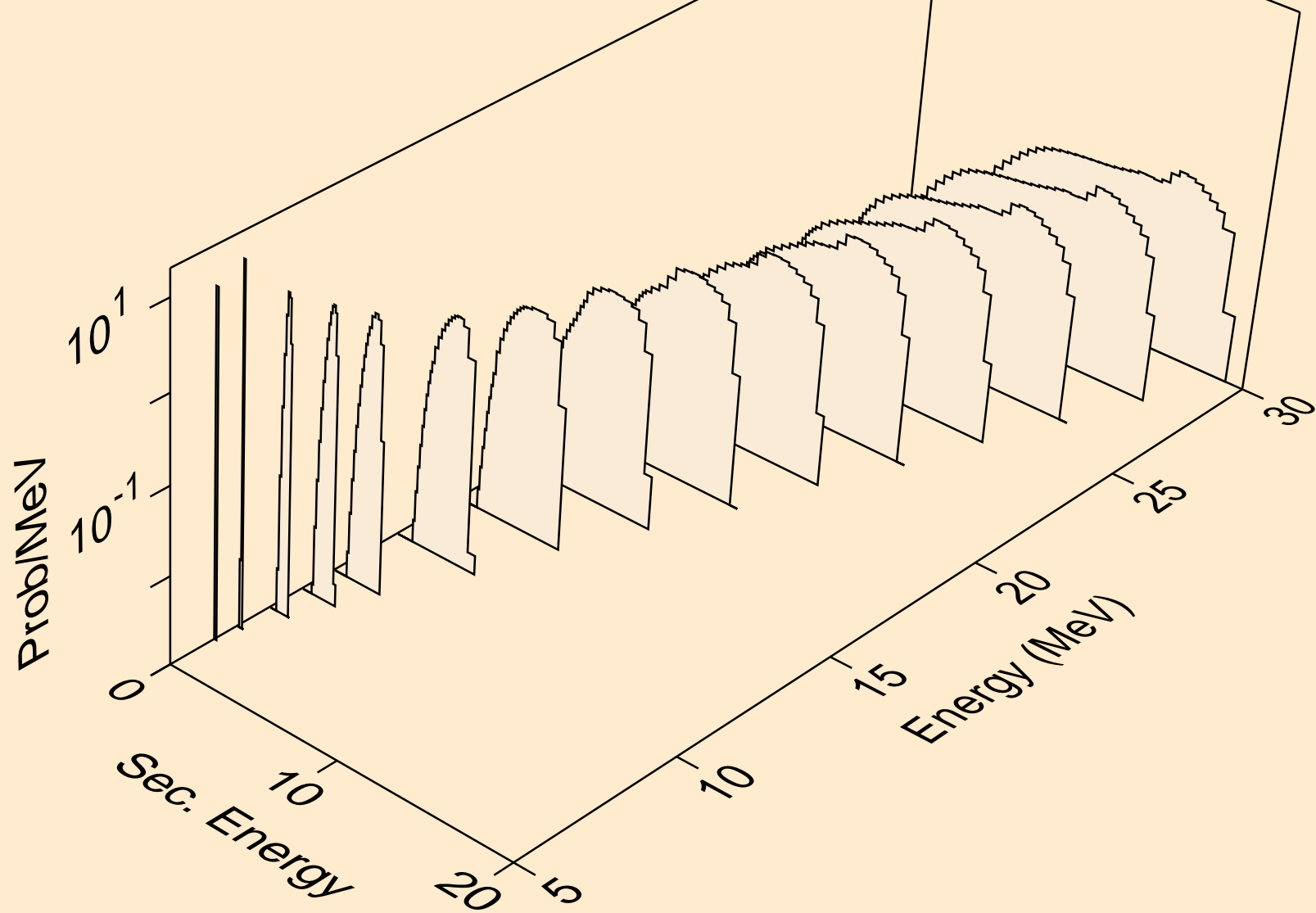
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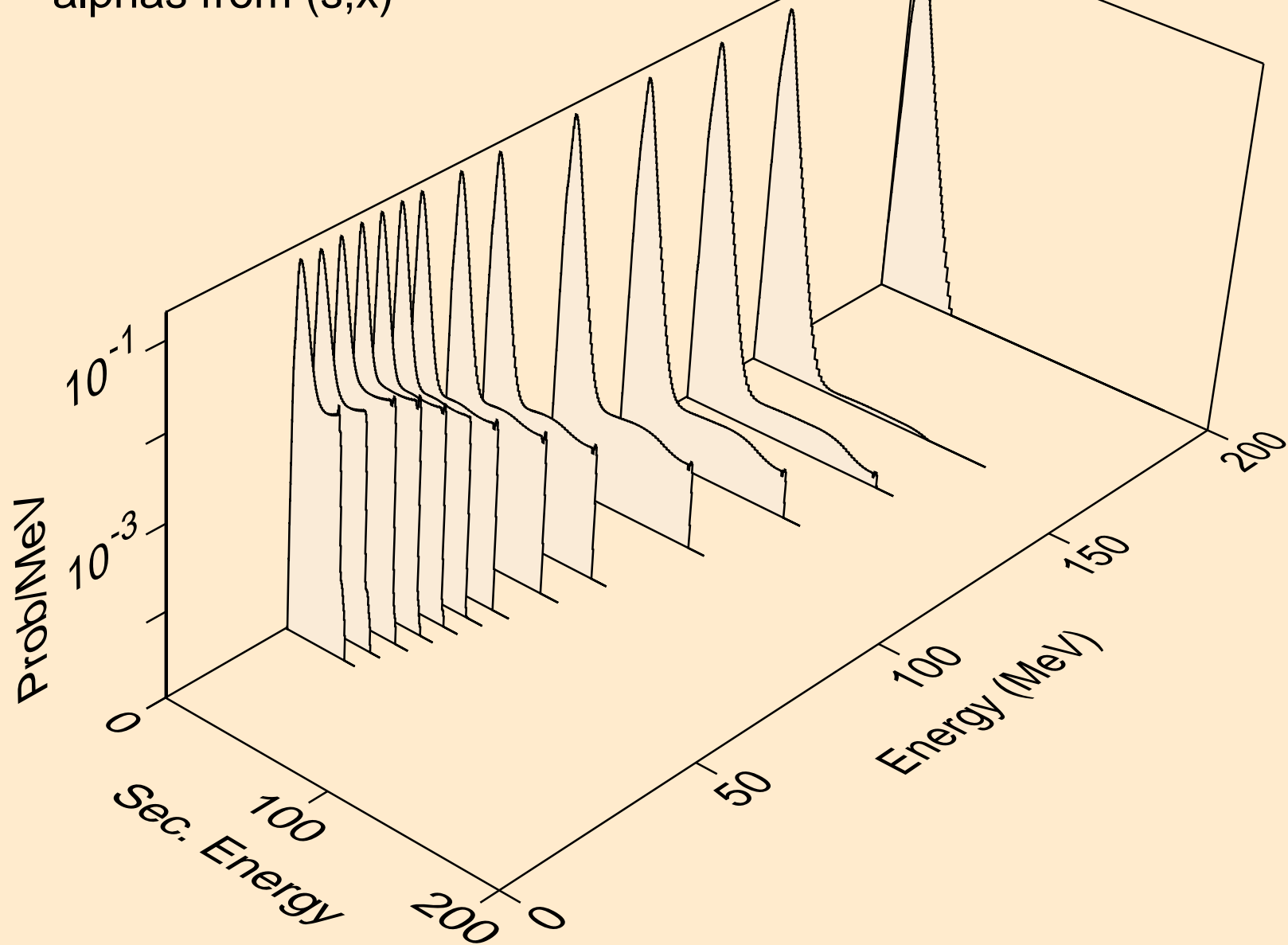
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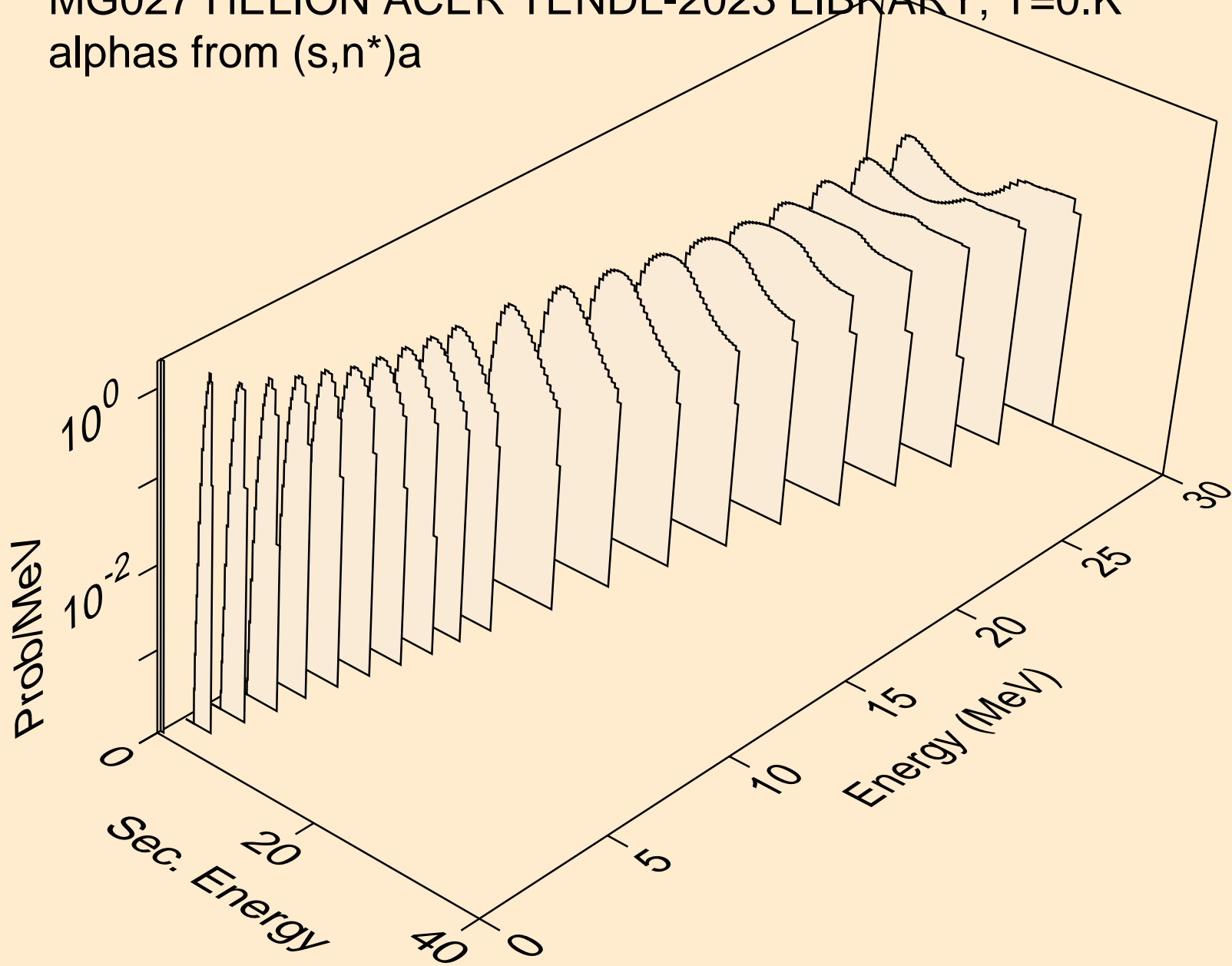
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tritons from (s,pt)



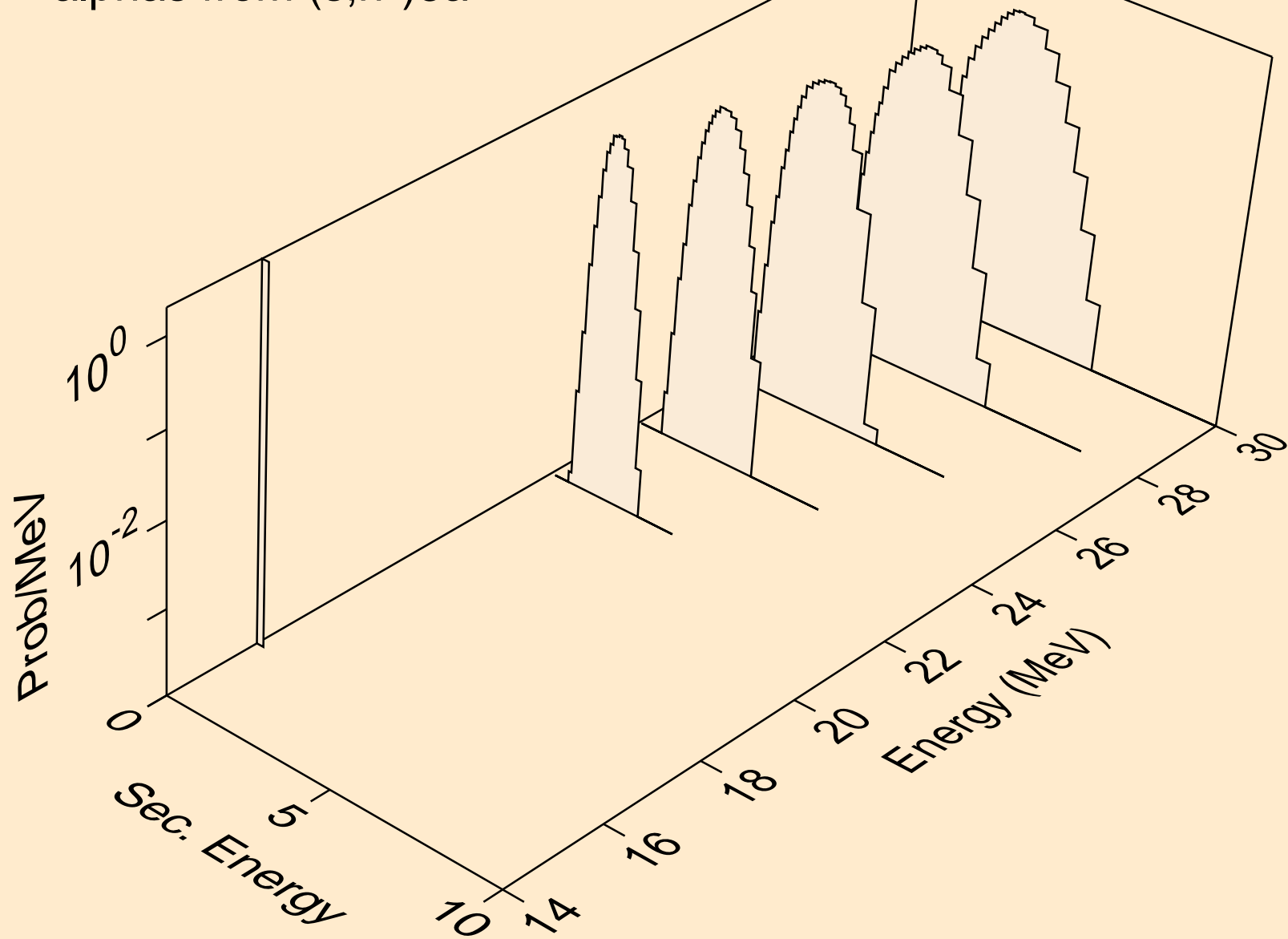
MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,x)



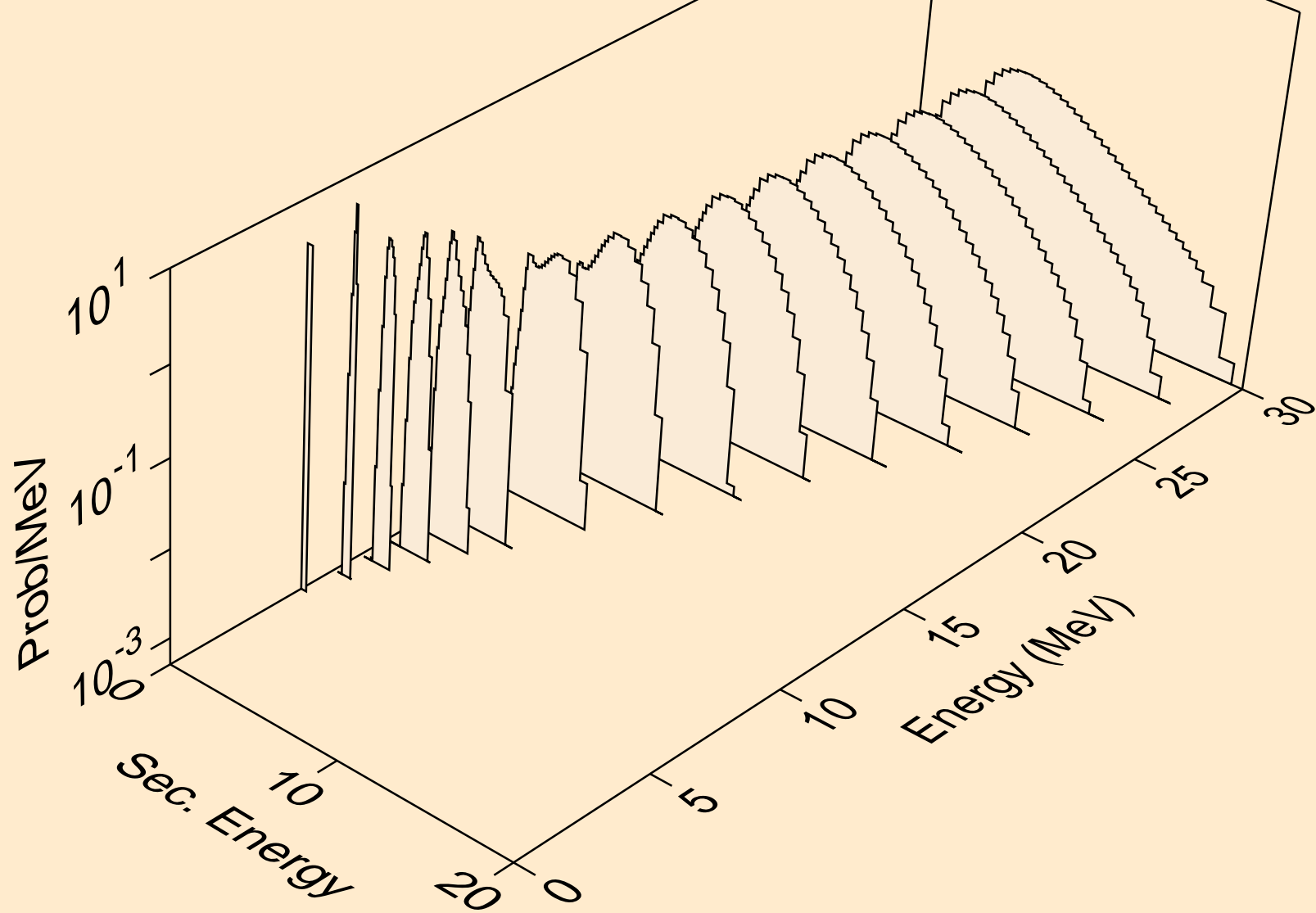
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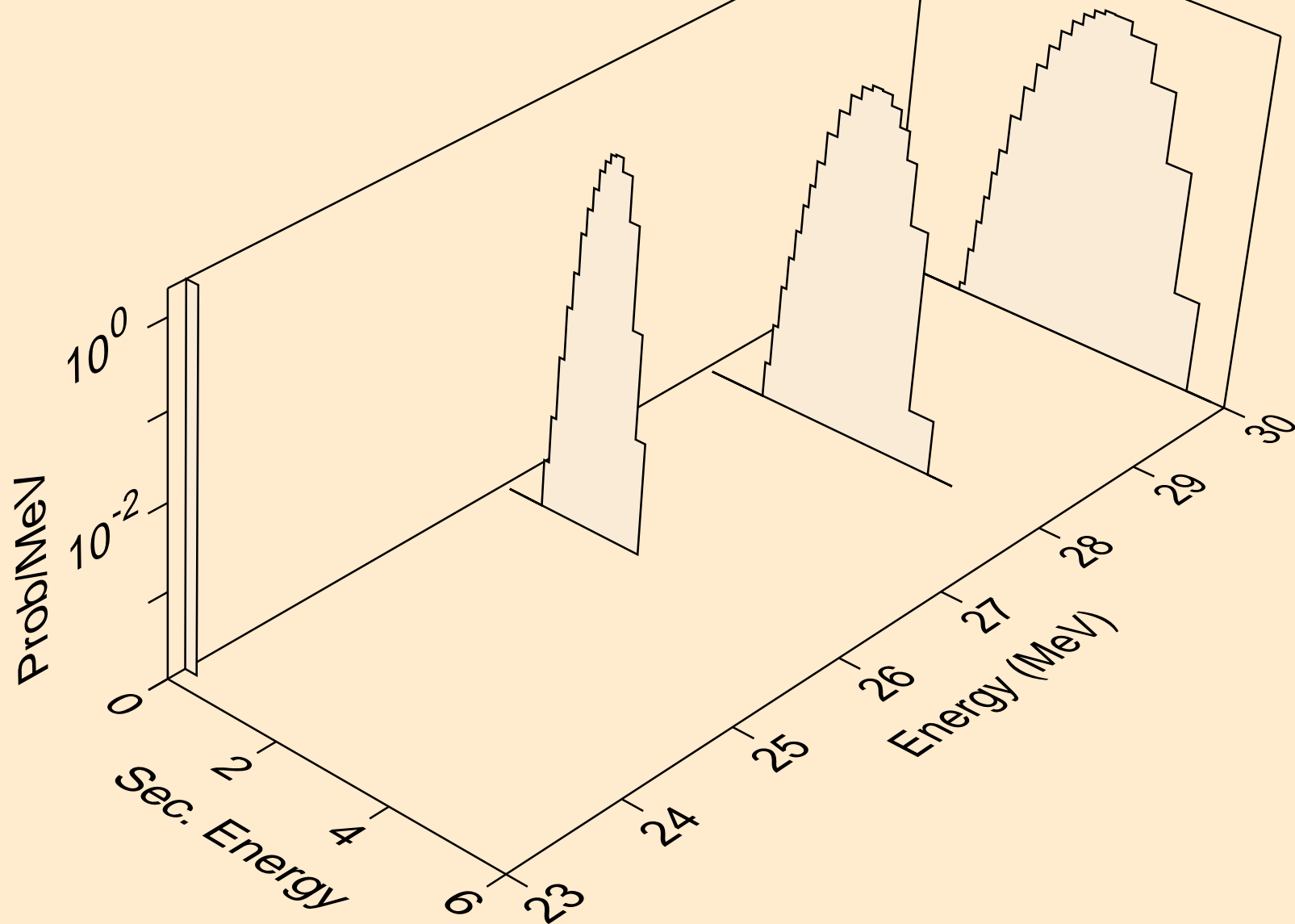
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alphas from (s,n\*)3a



MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2n)a

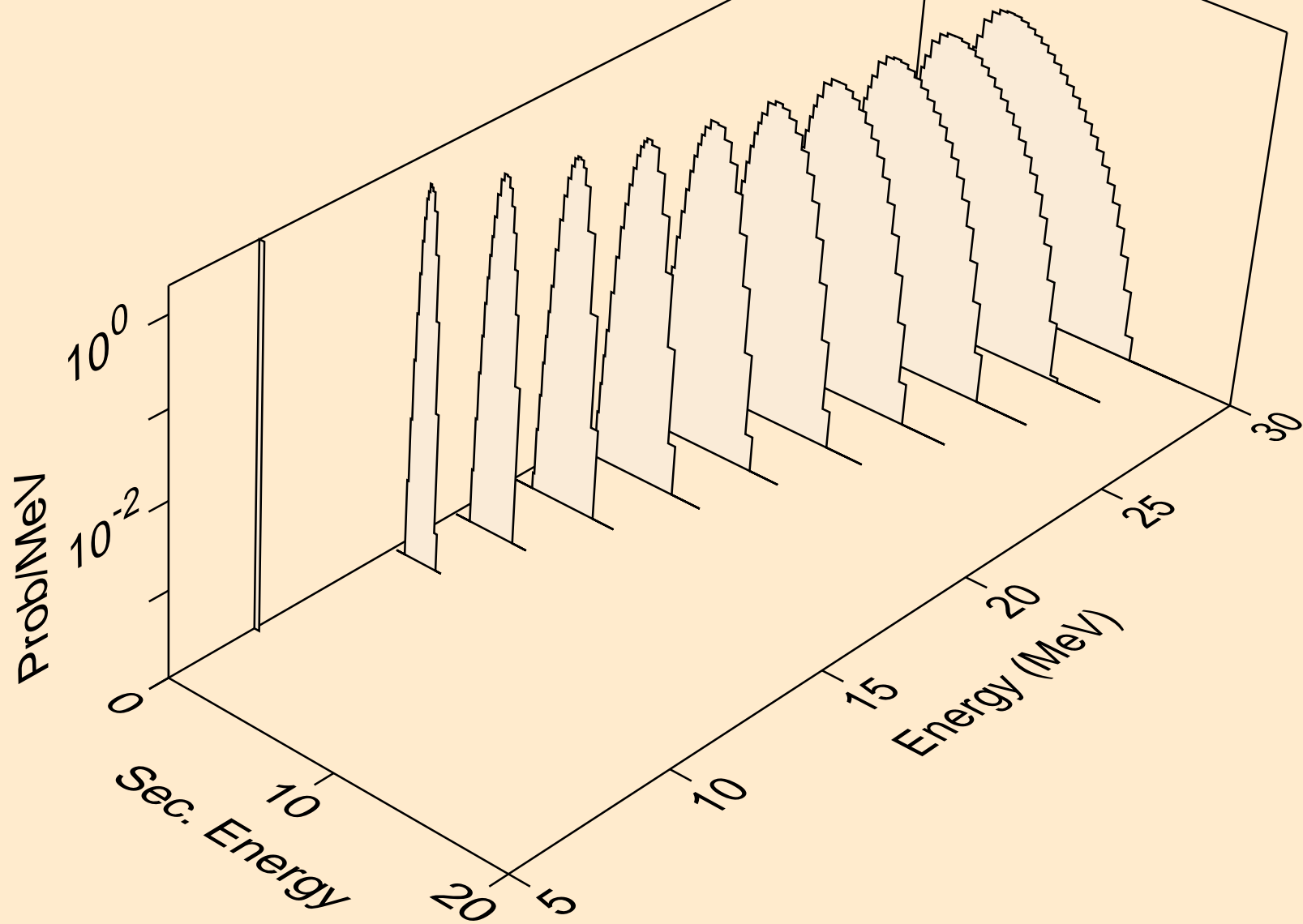


MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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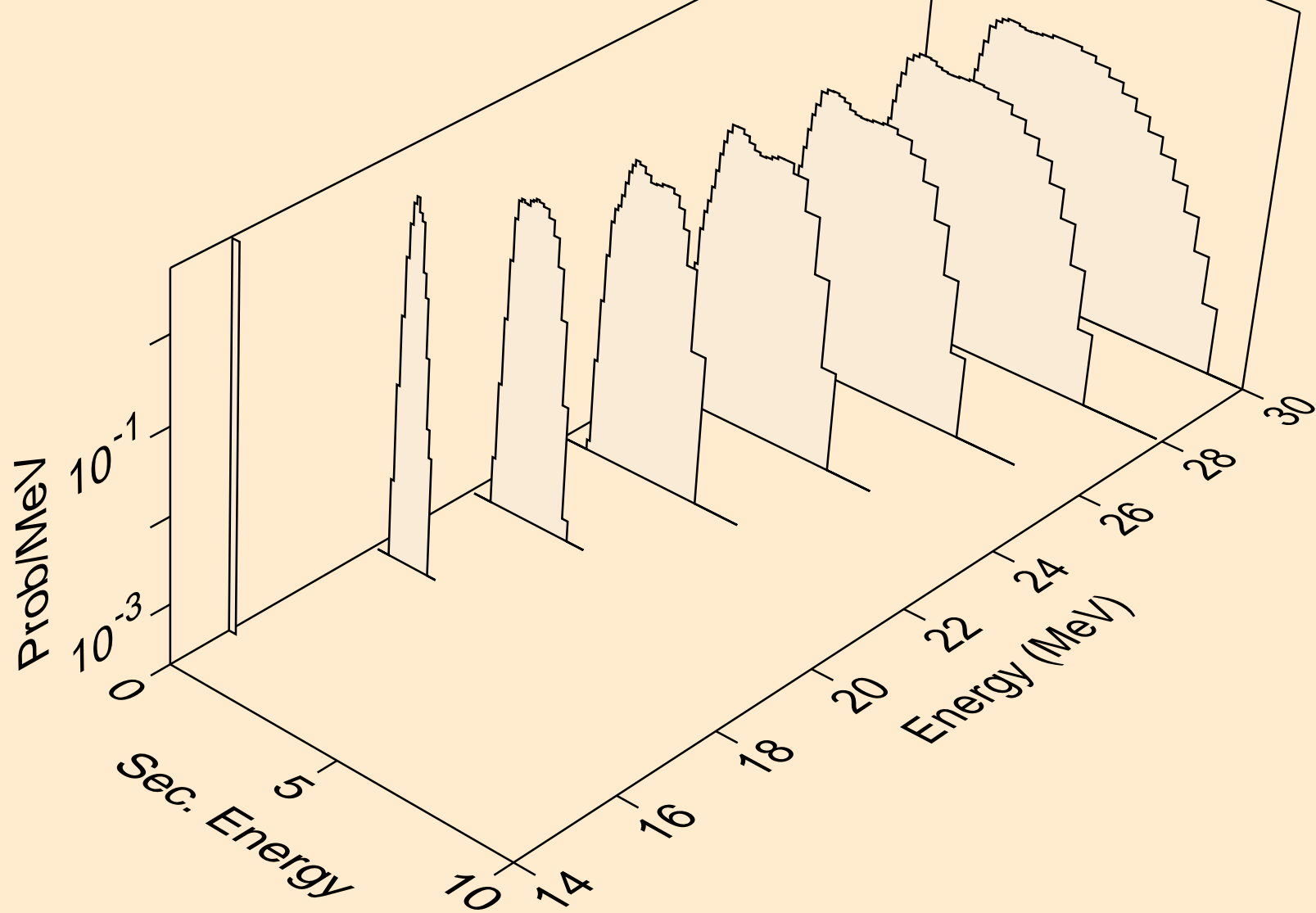




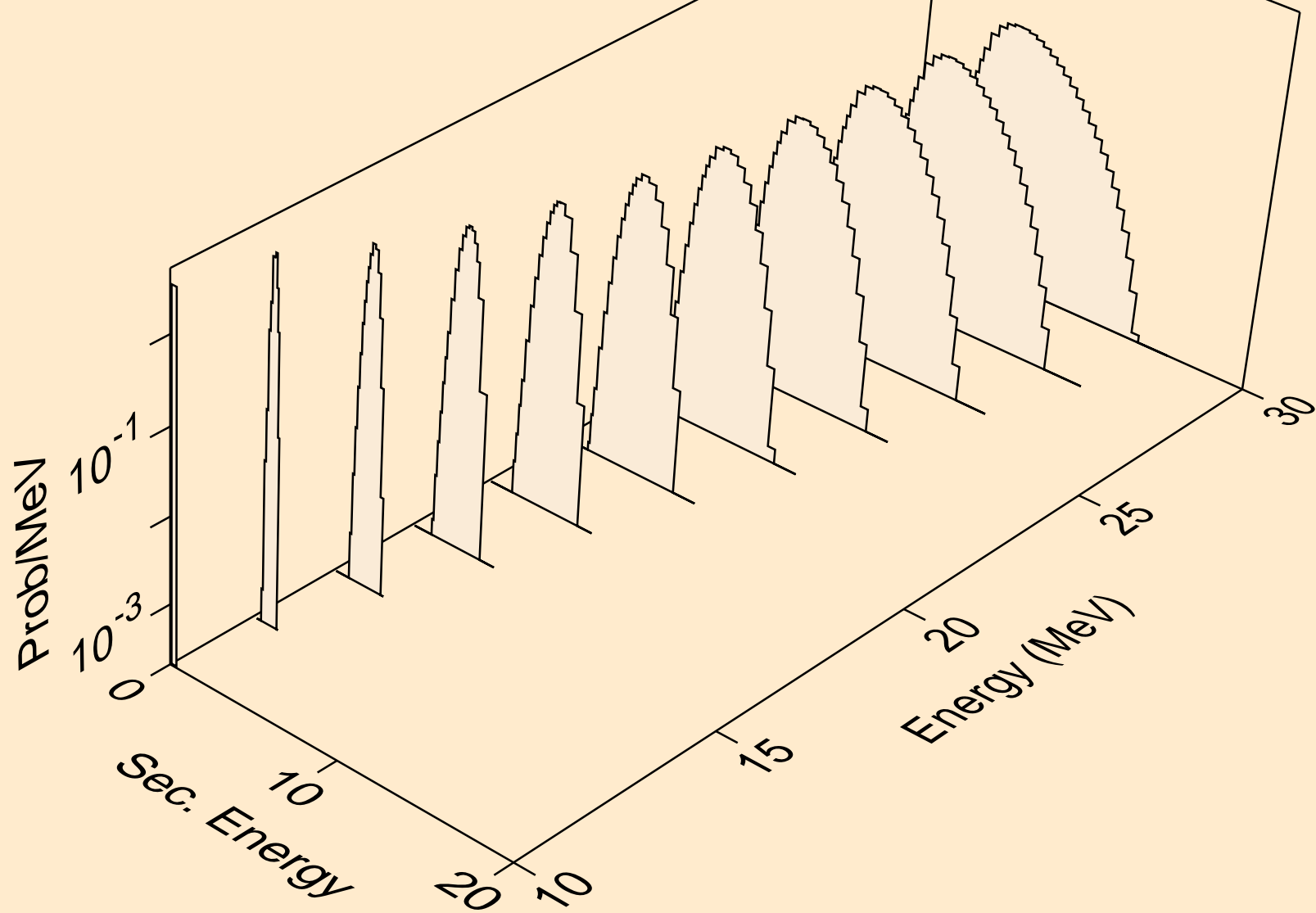
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alphas from (s,n\*)2a



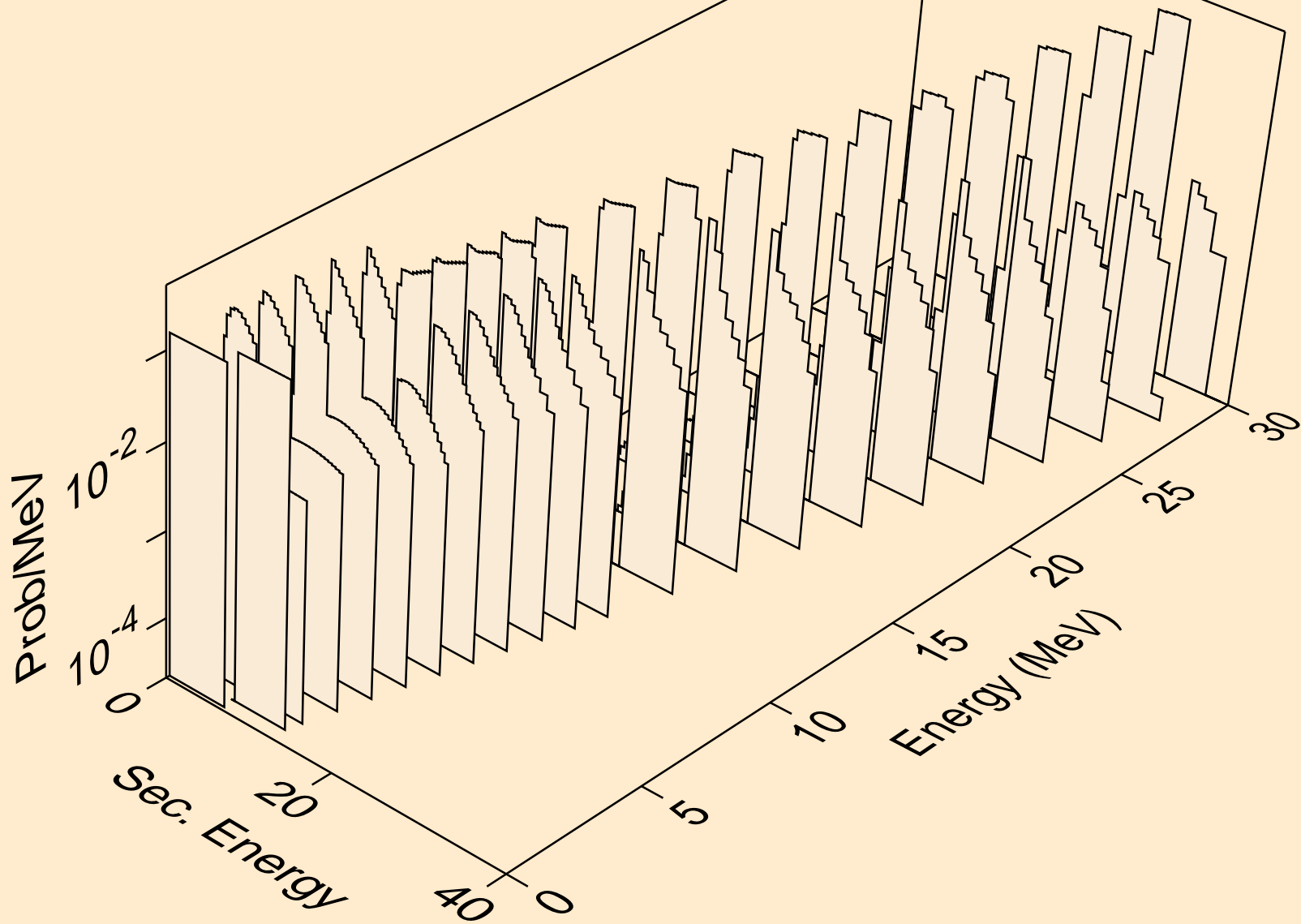
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alphas from (s,2n)2a



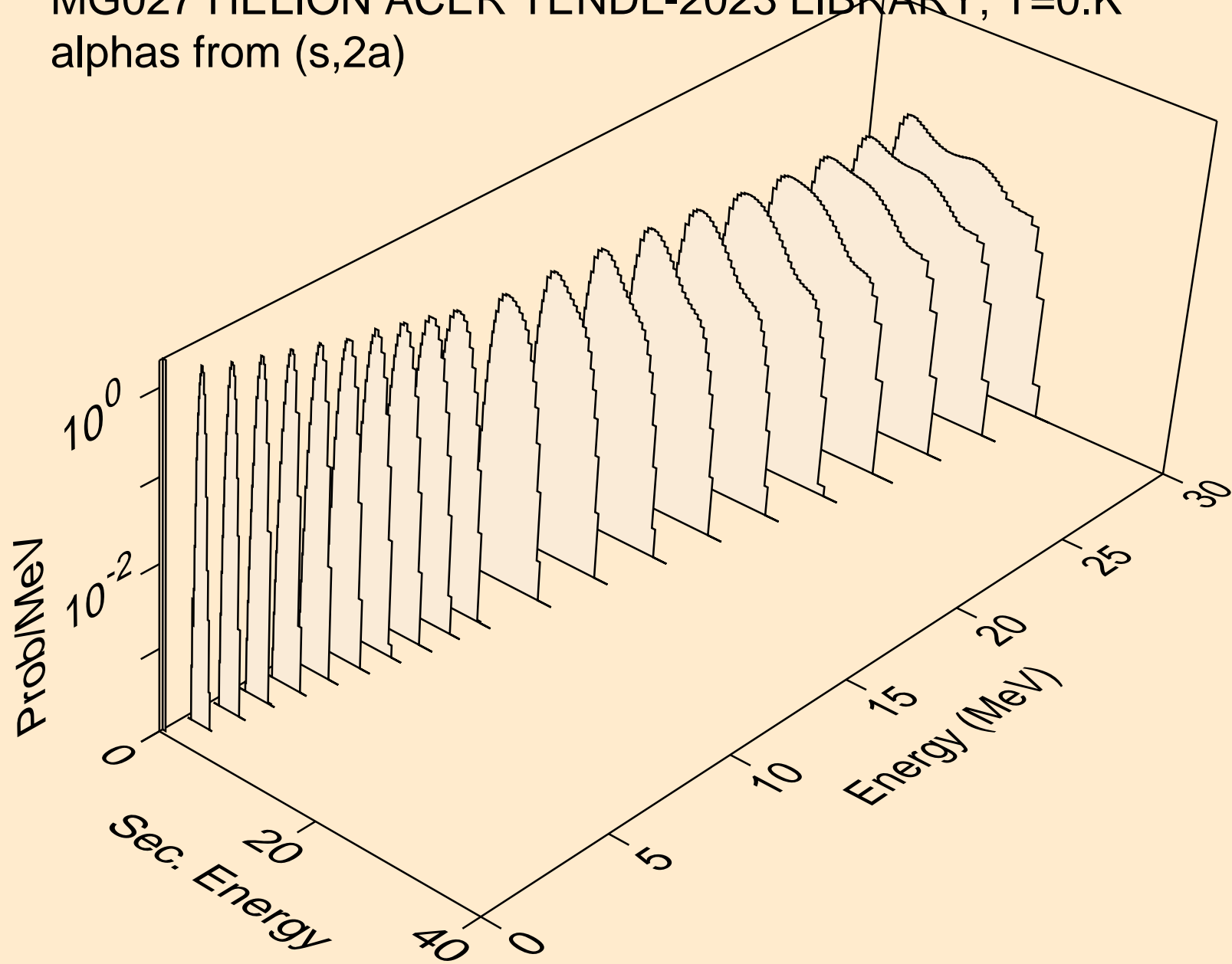
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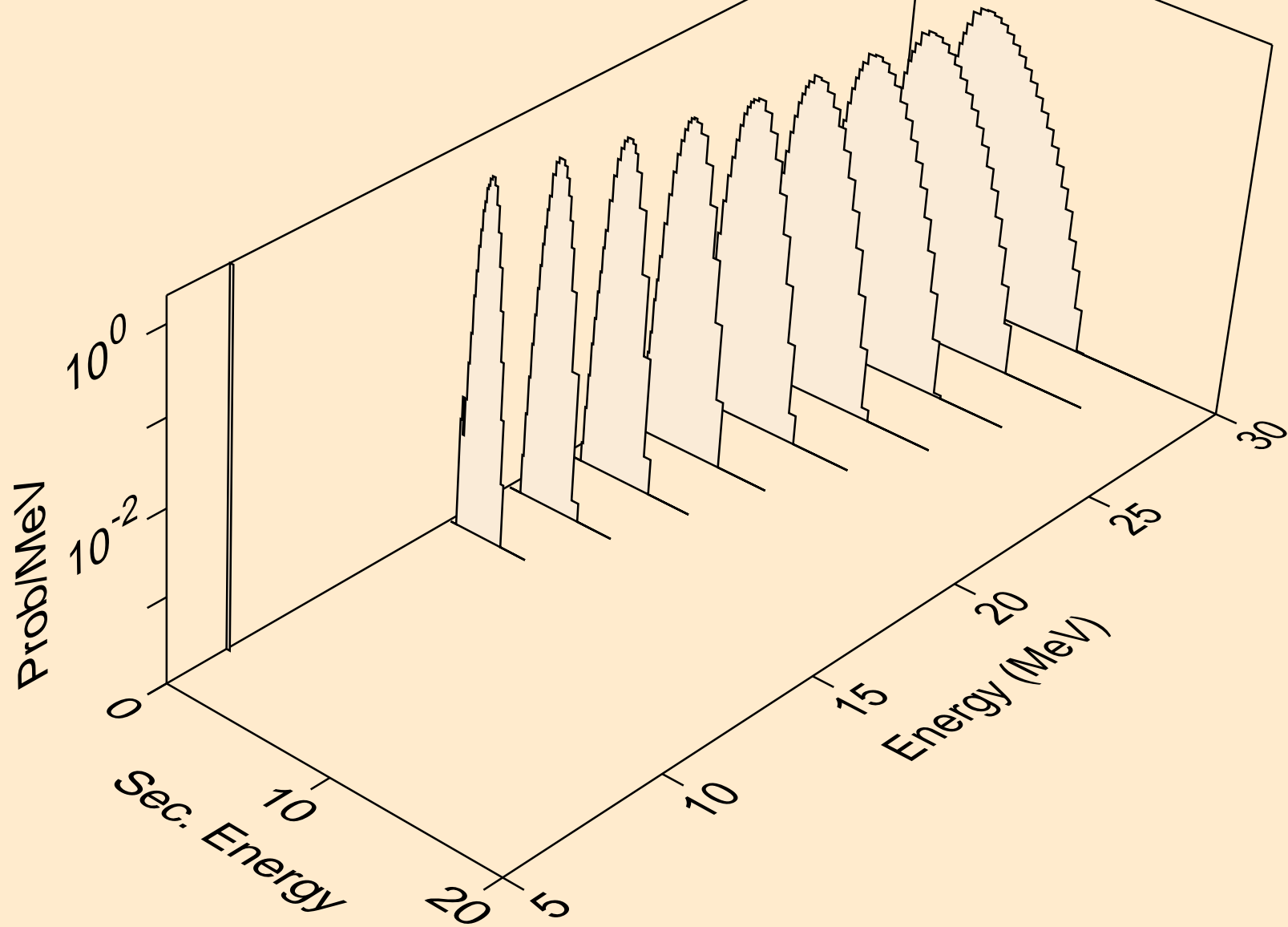
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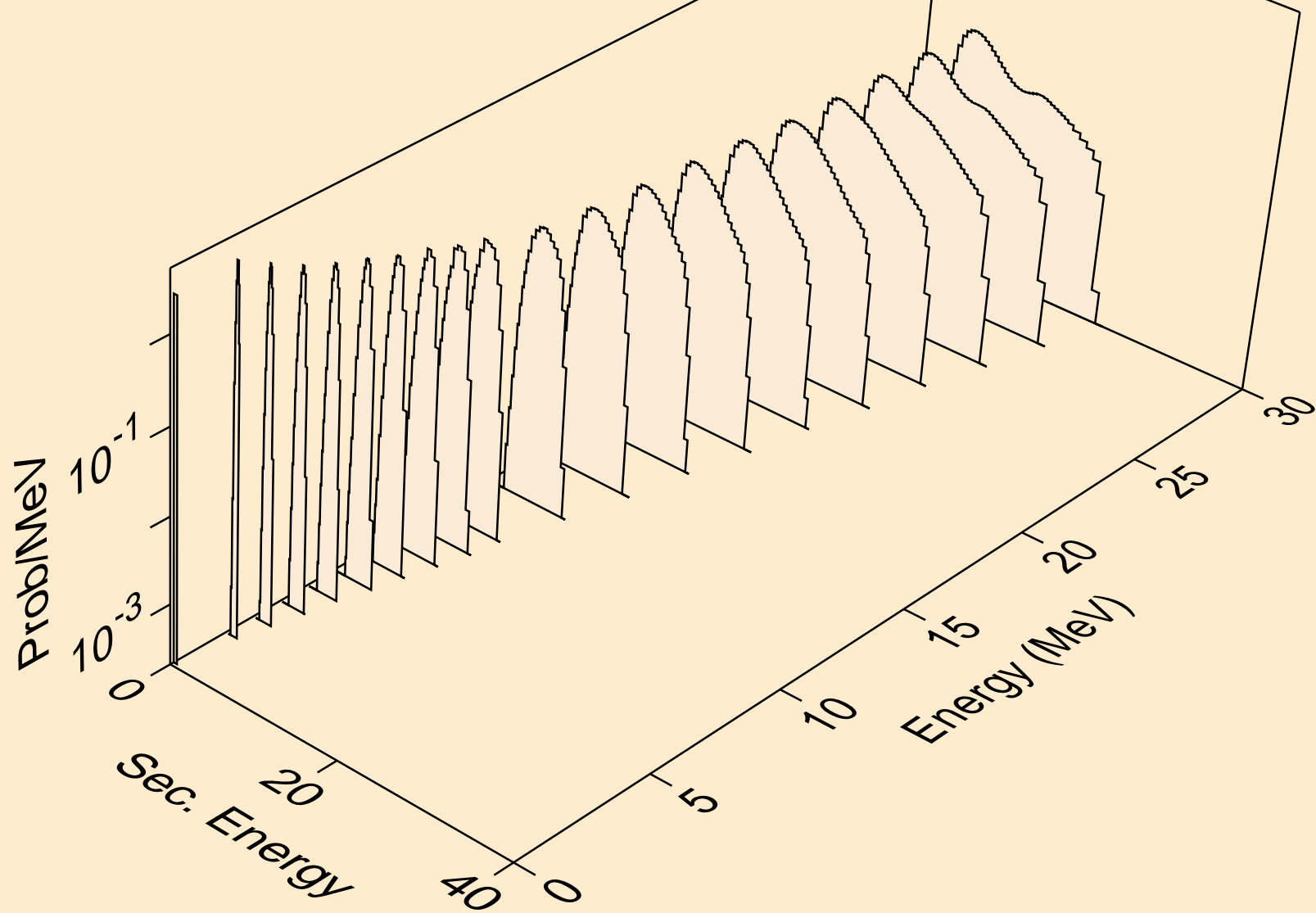
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alphas from (s,2a)



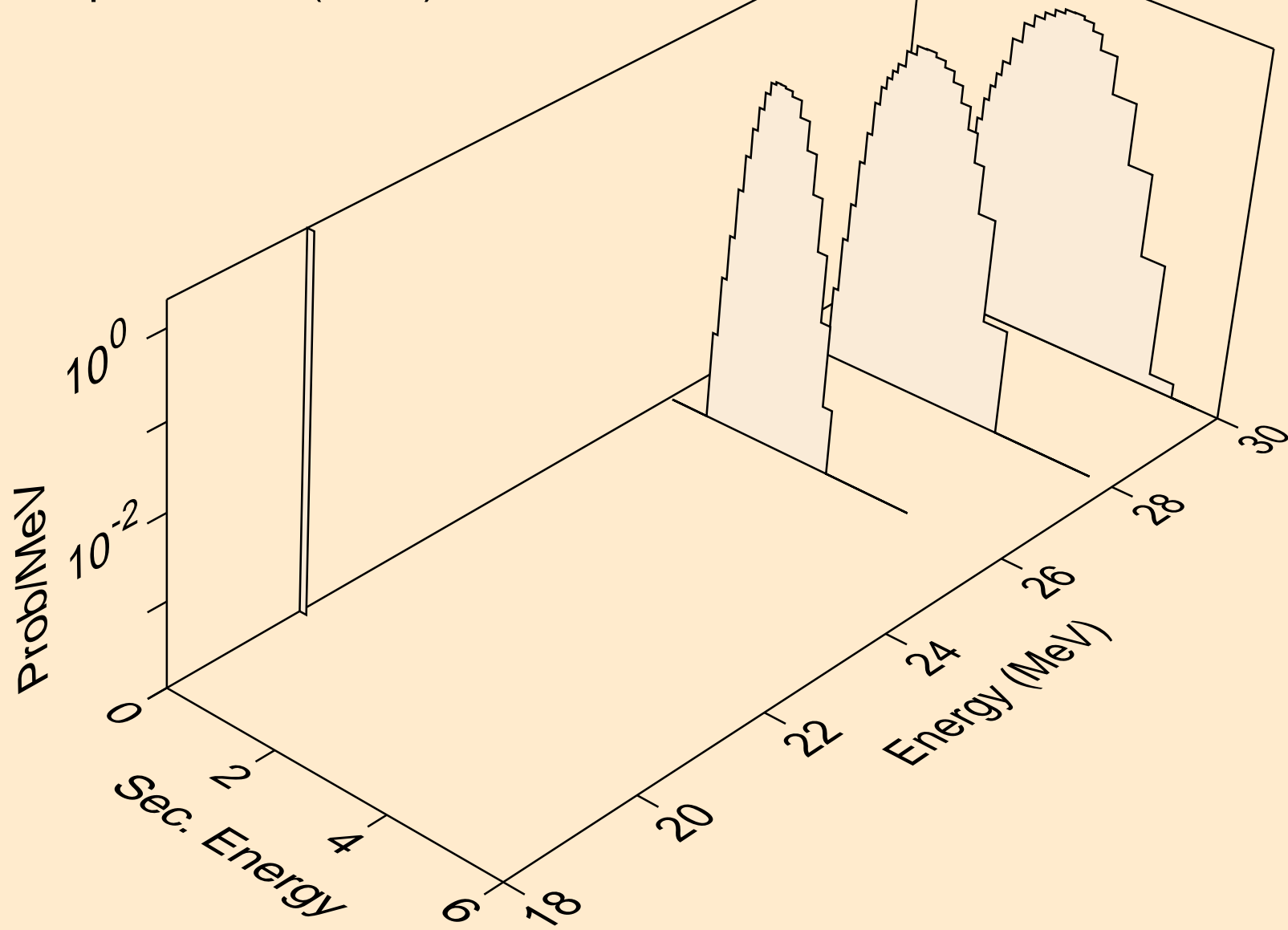
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alphas from (s,3a)



MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,pa)

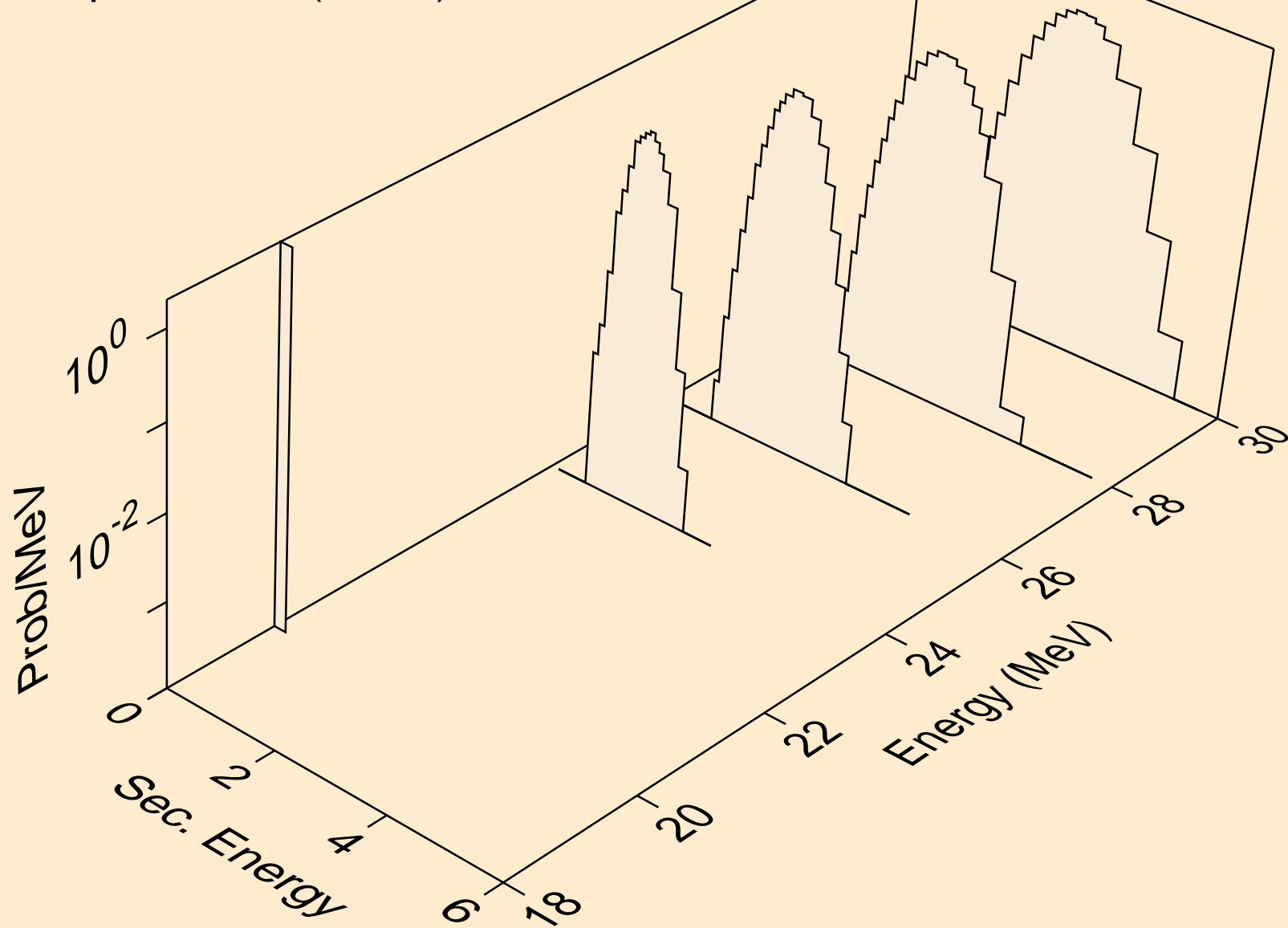


MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,t2a)





MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,d2a)



MG027 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,da)

