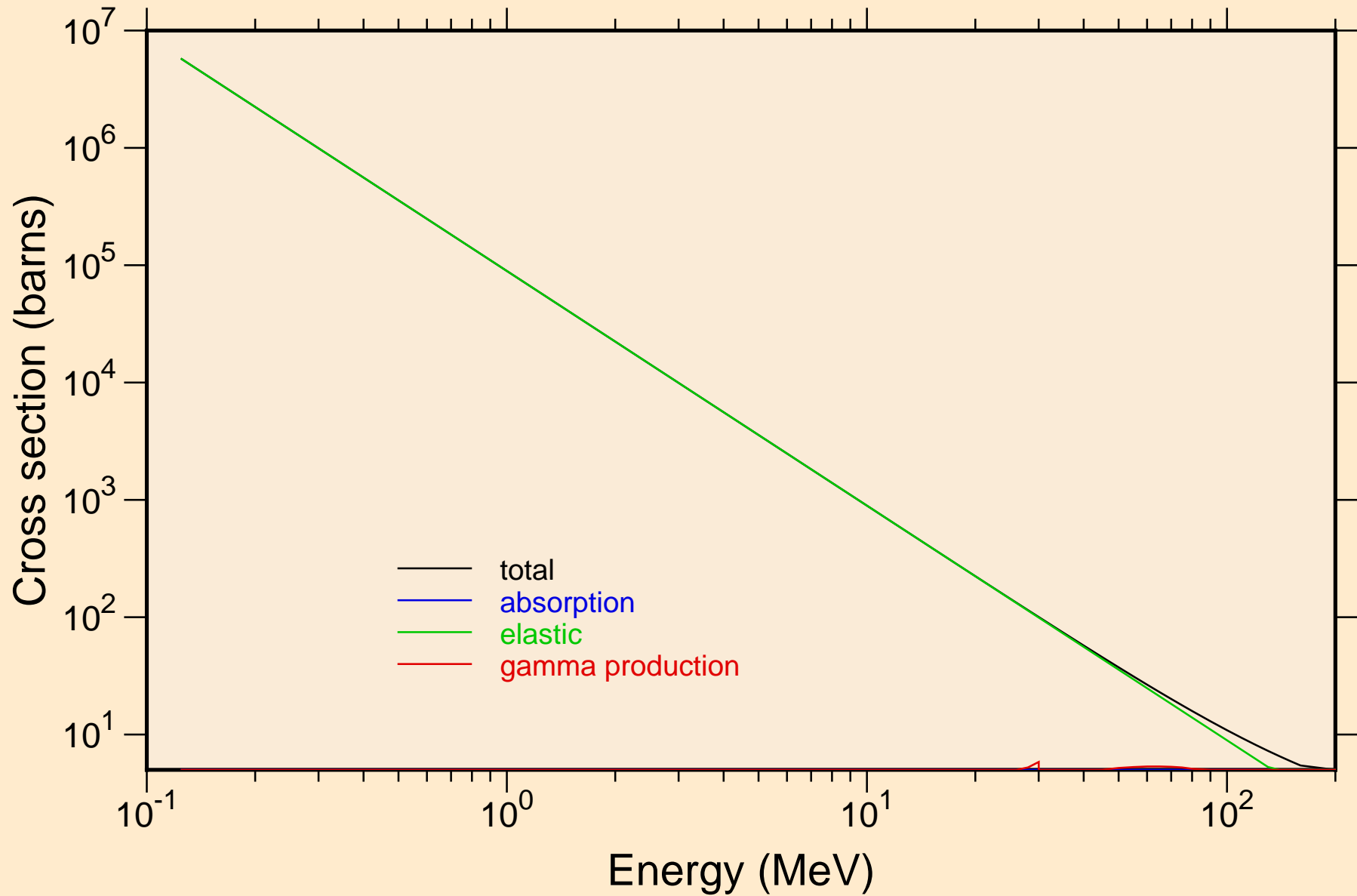


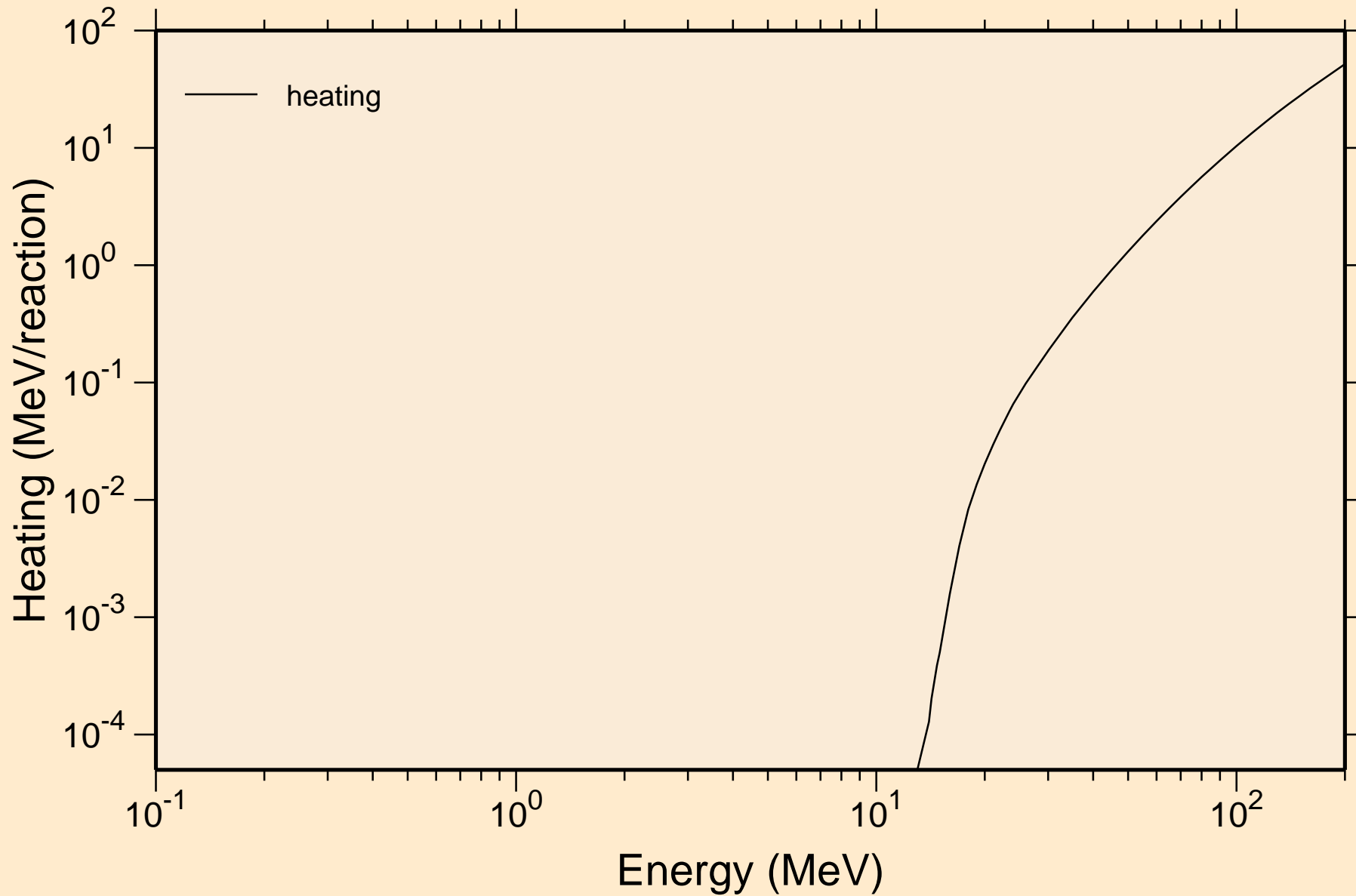
# PR133M HELION ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



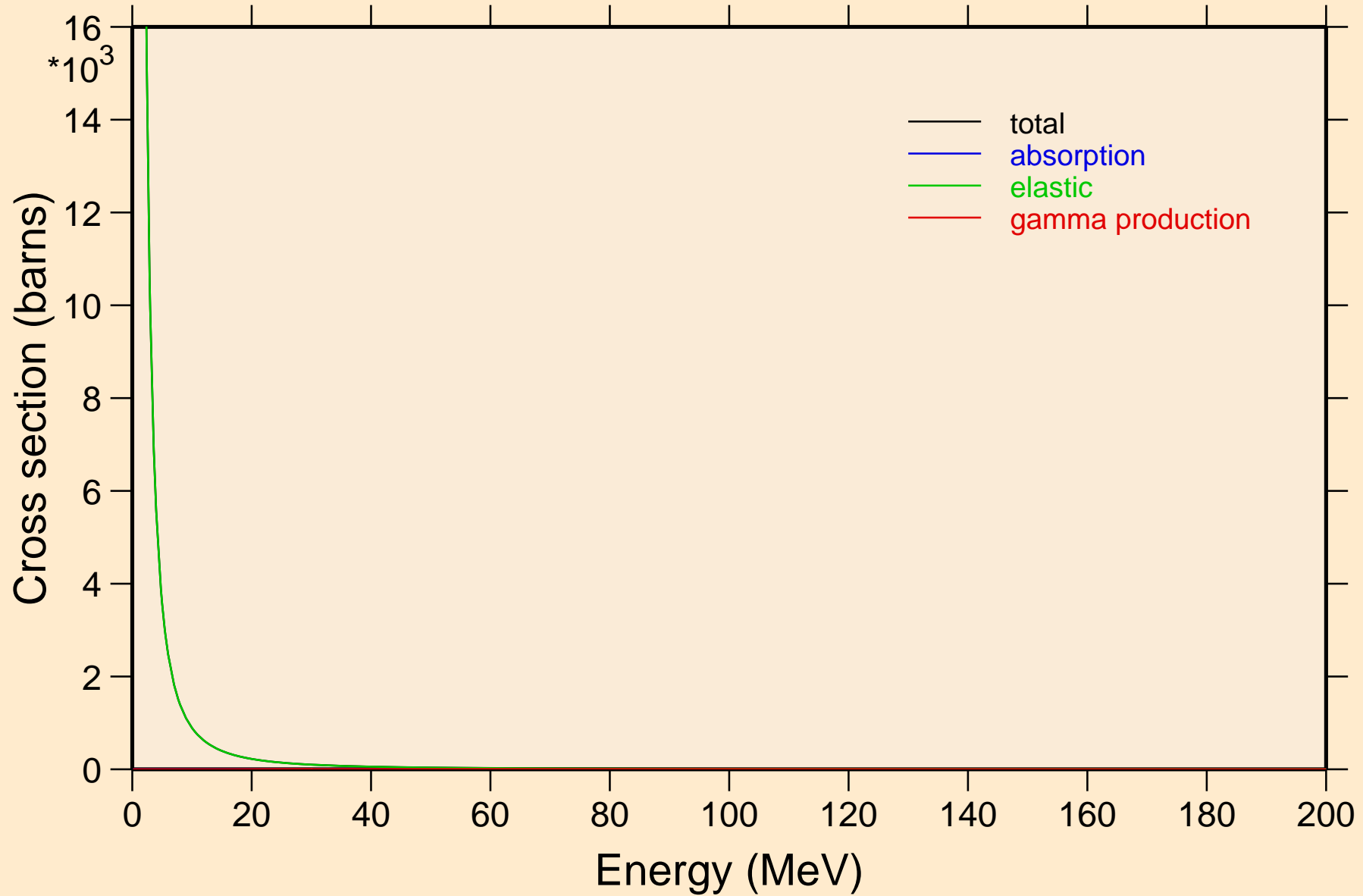
PR133M HELION ACER TENDL-2023 LIBRARY; T=0.K

Heating



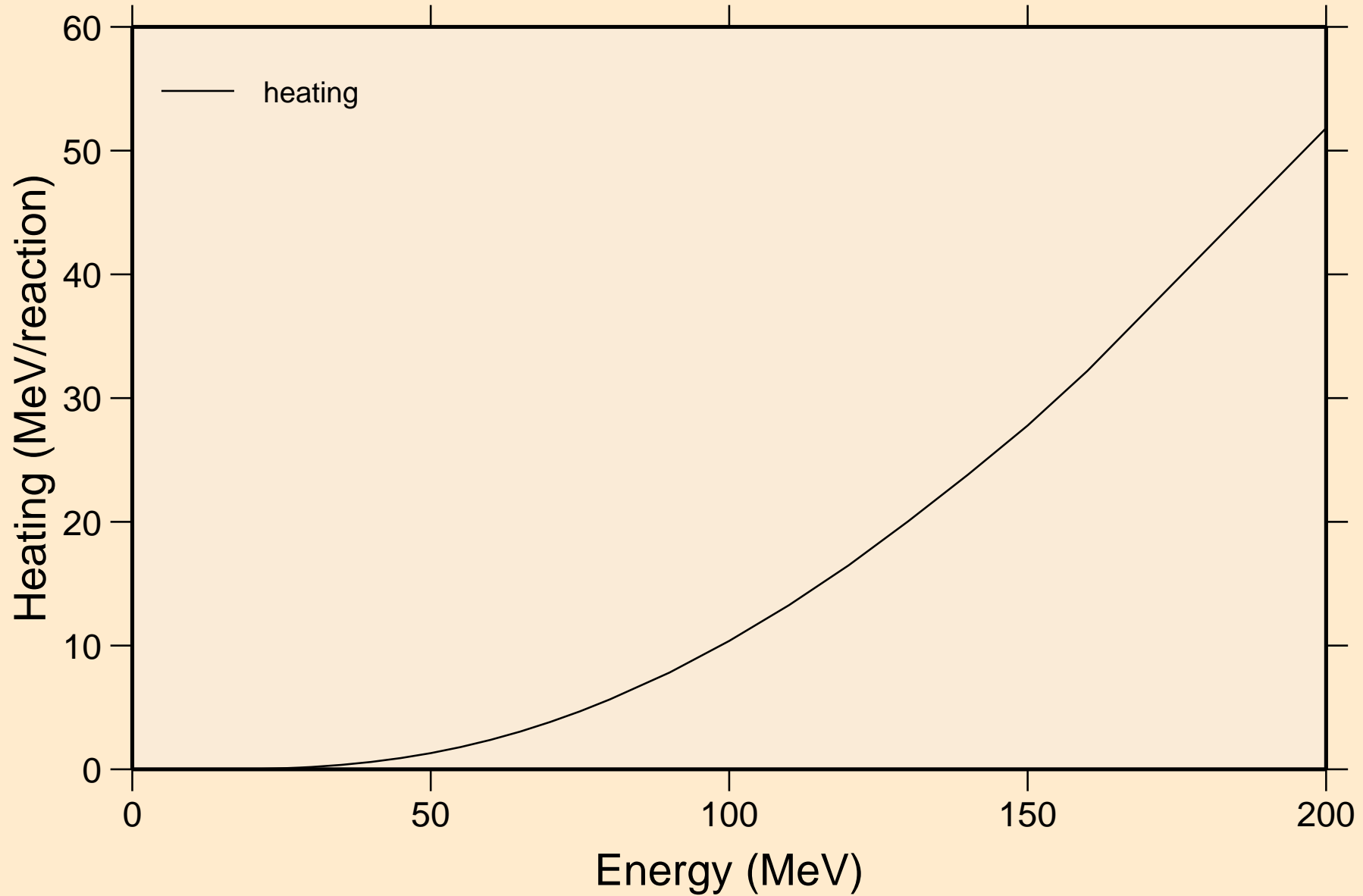
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## Principal cross sections

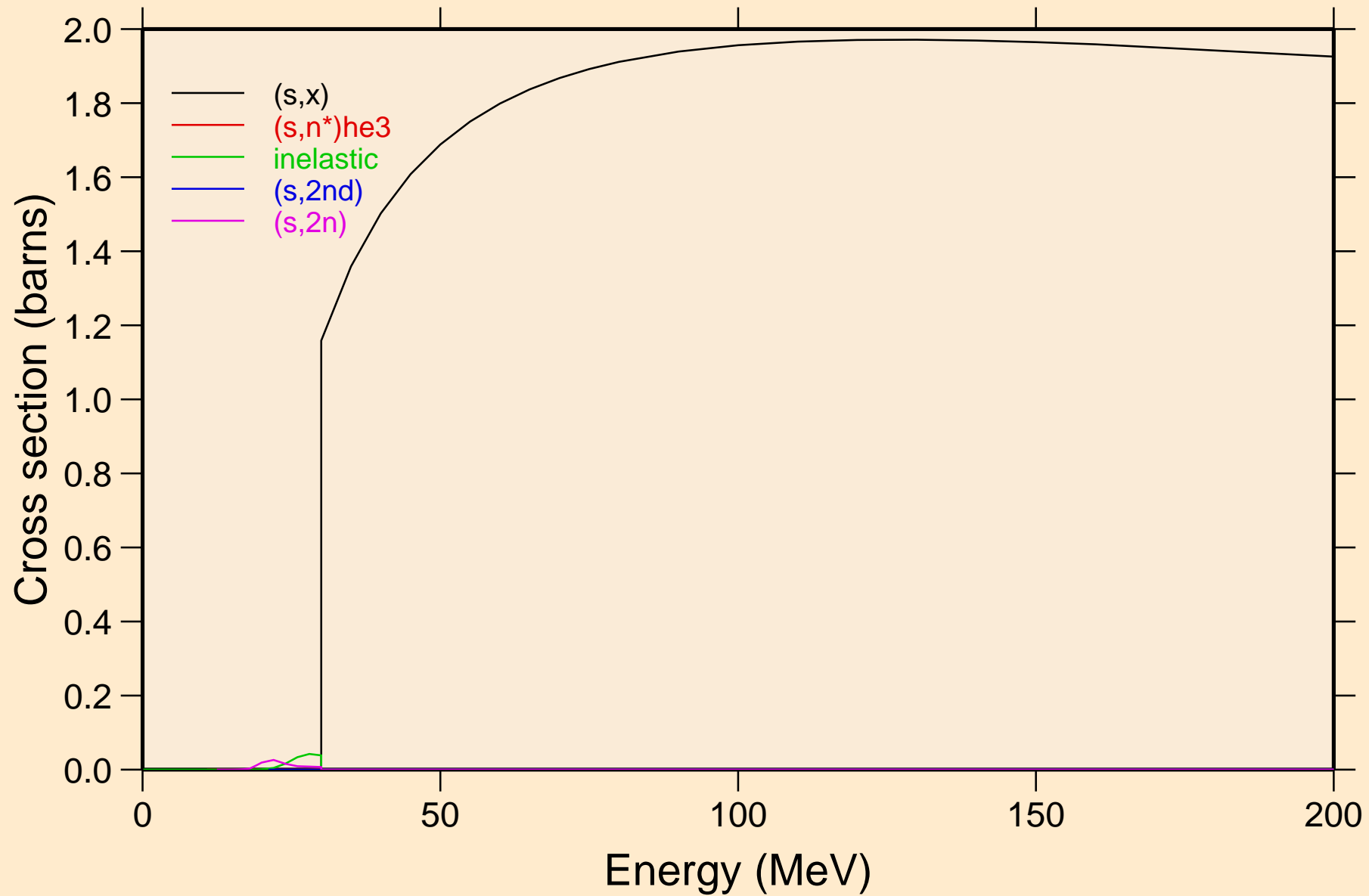


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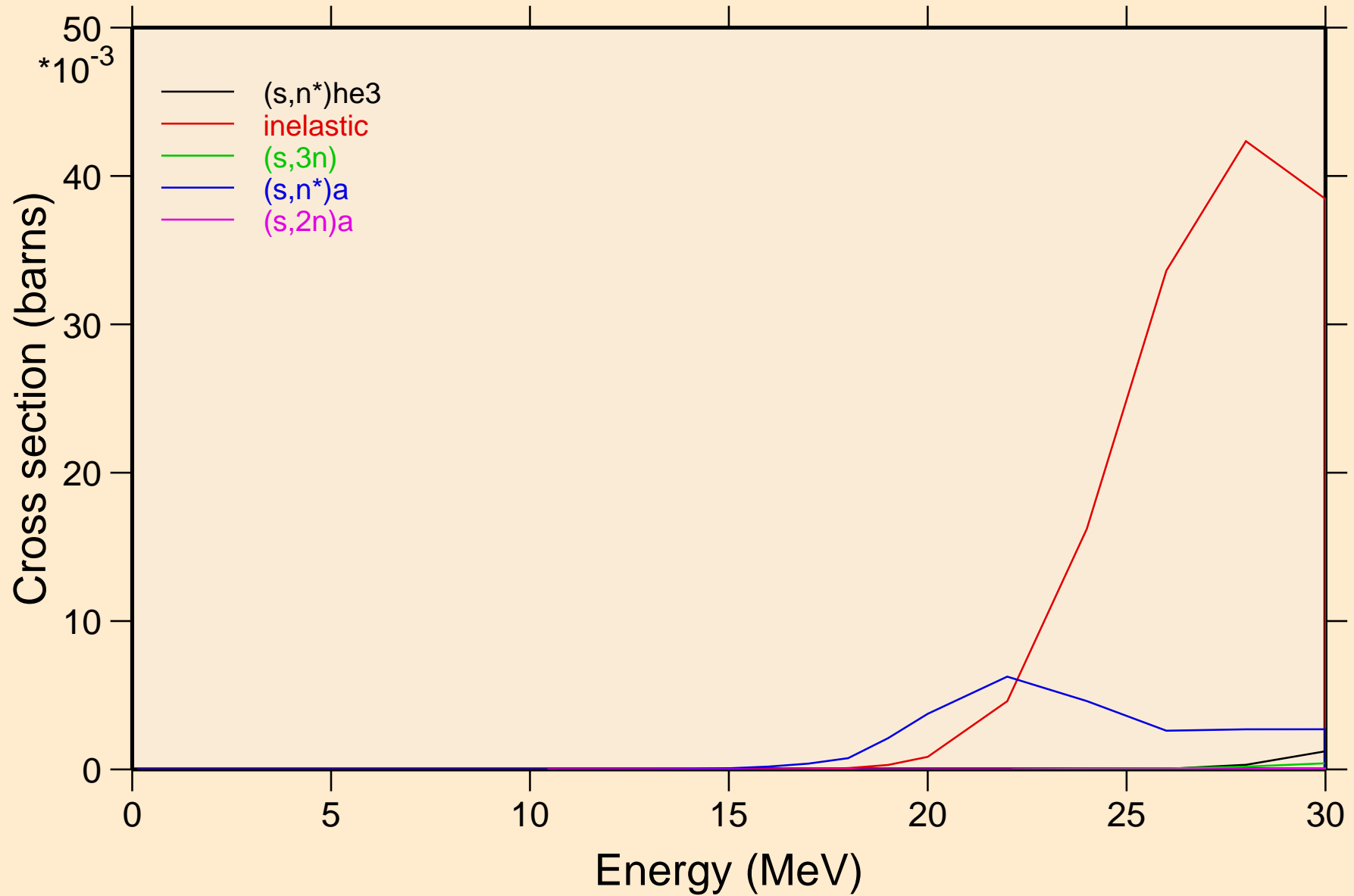
Heating



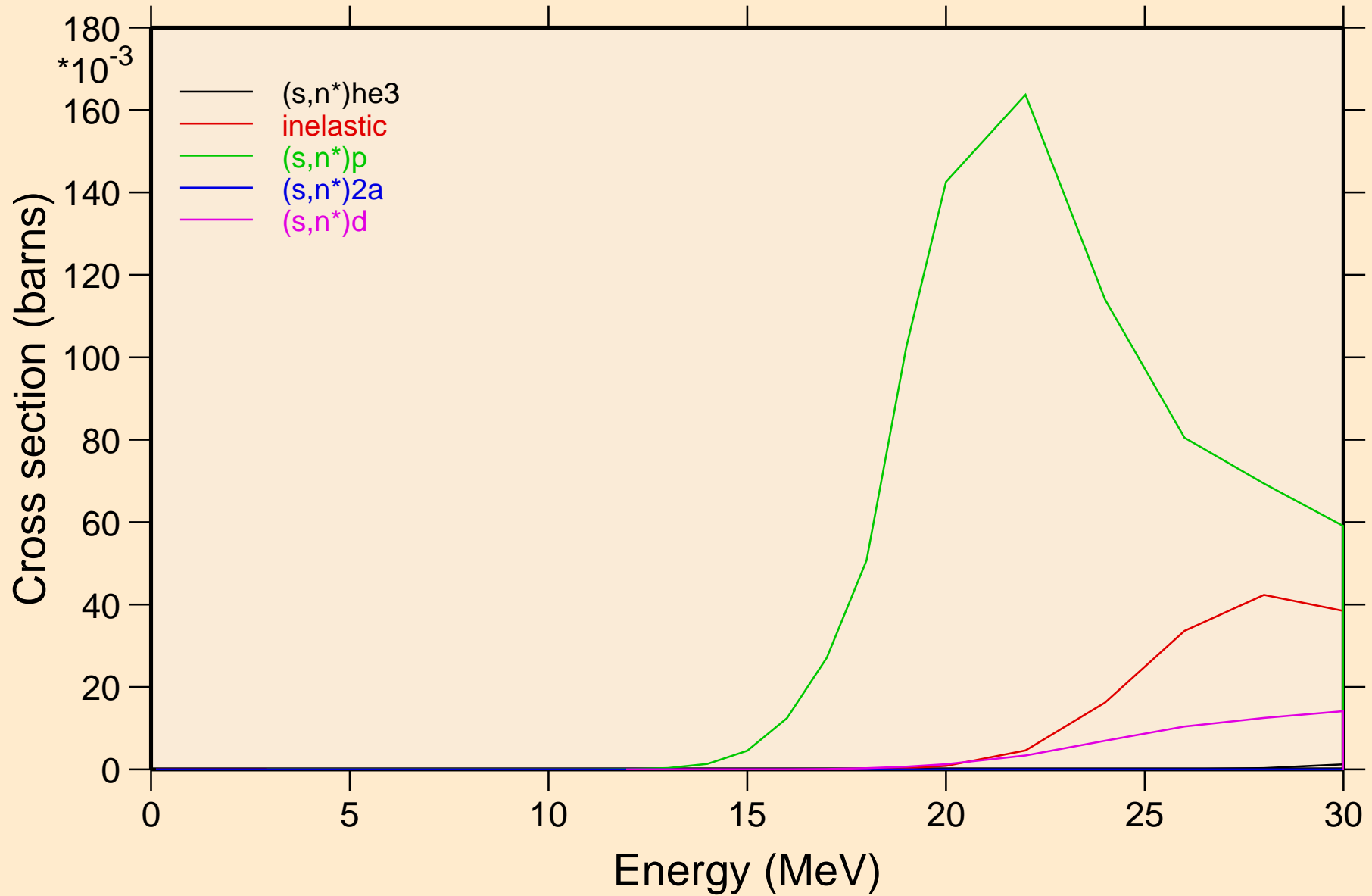
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Threshold reactions



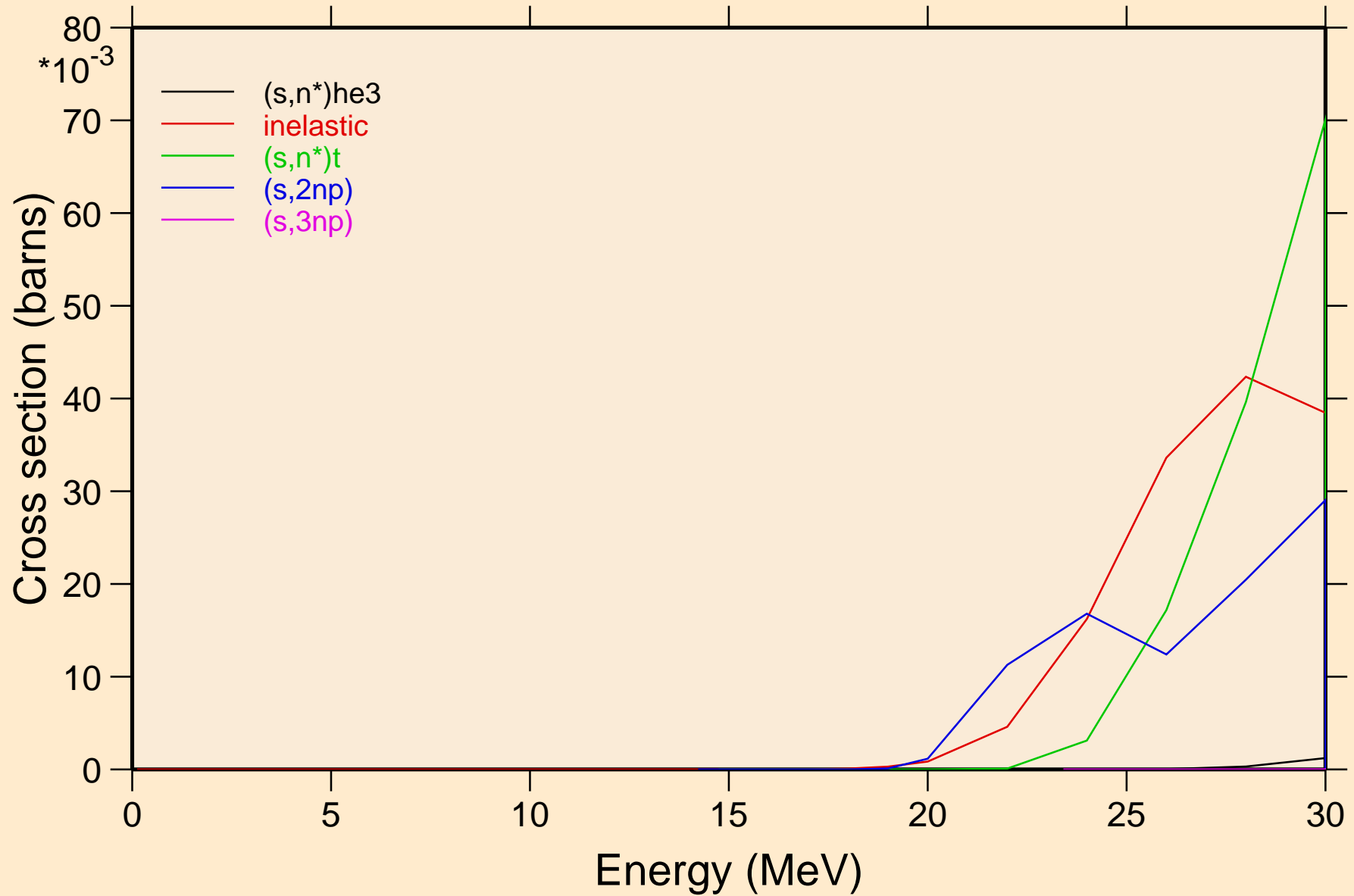
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Threshold reactions



PR133M HELION ACER TENDL-2023 LIBRARY; T=0.K  
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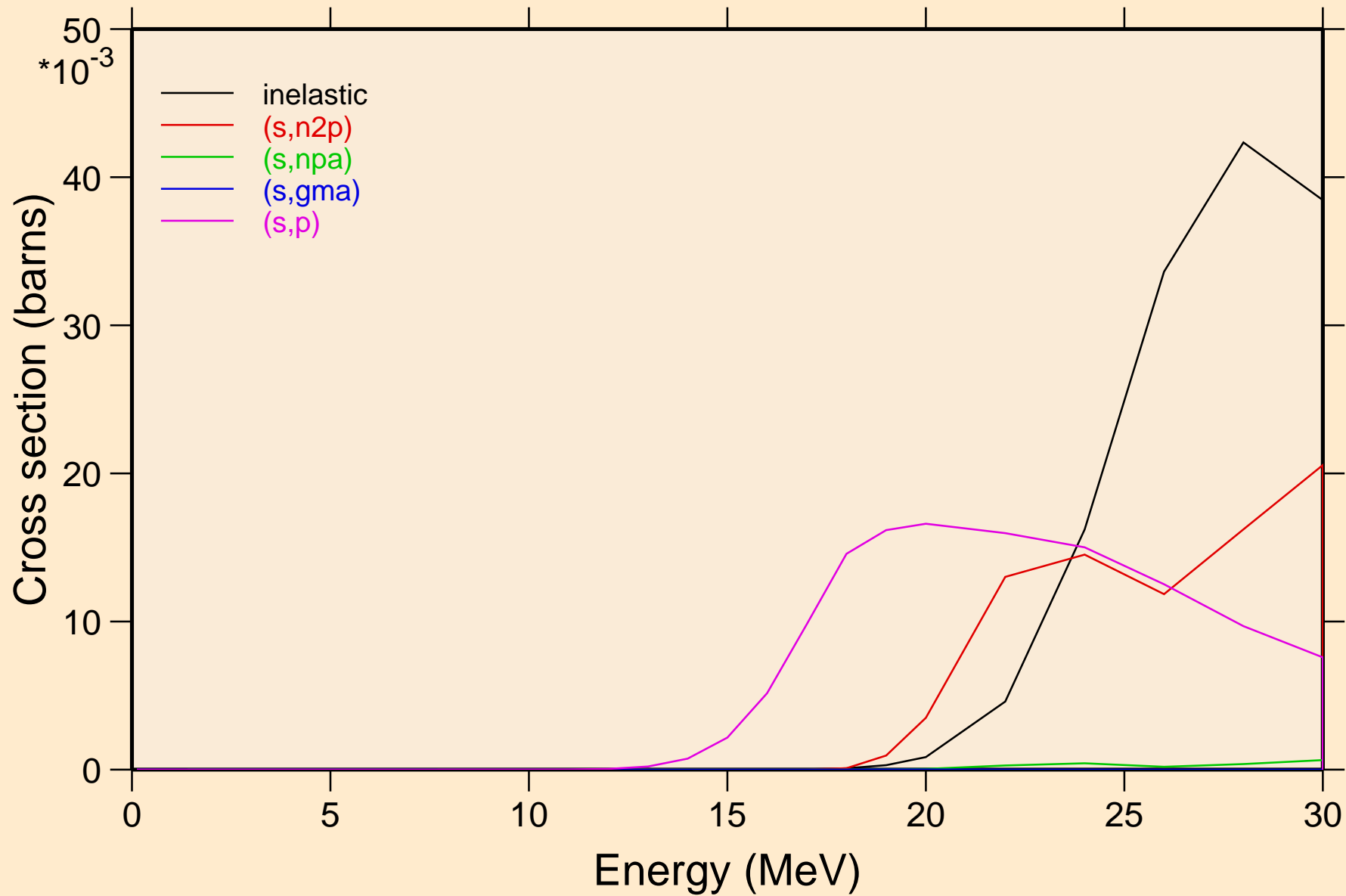


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Threshold reactions

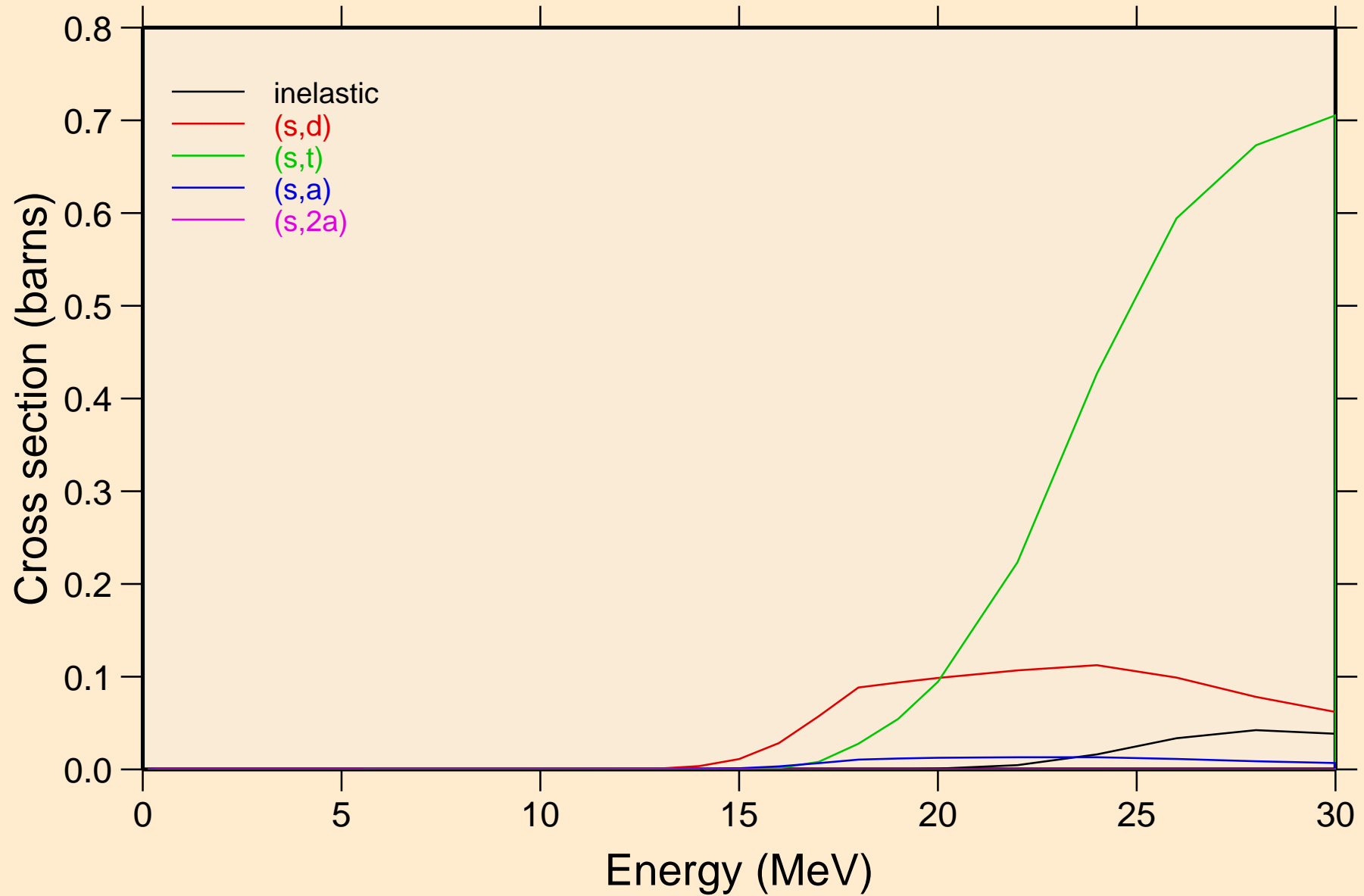




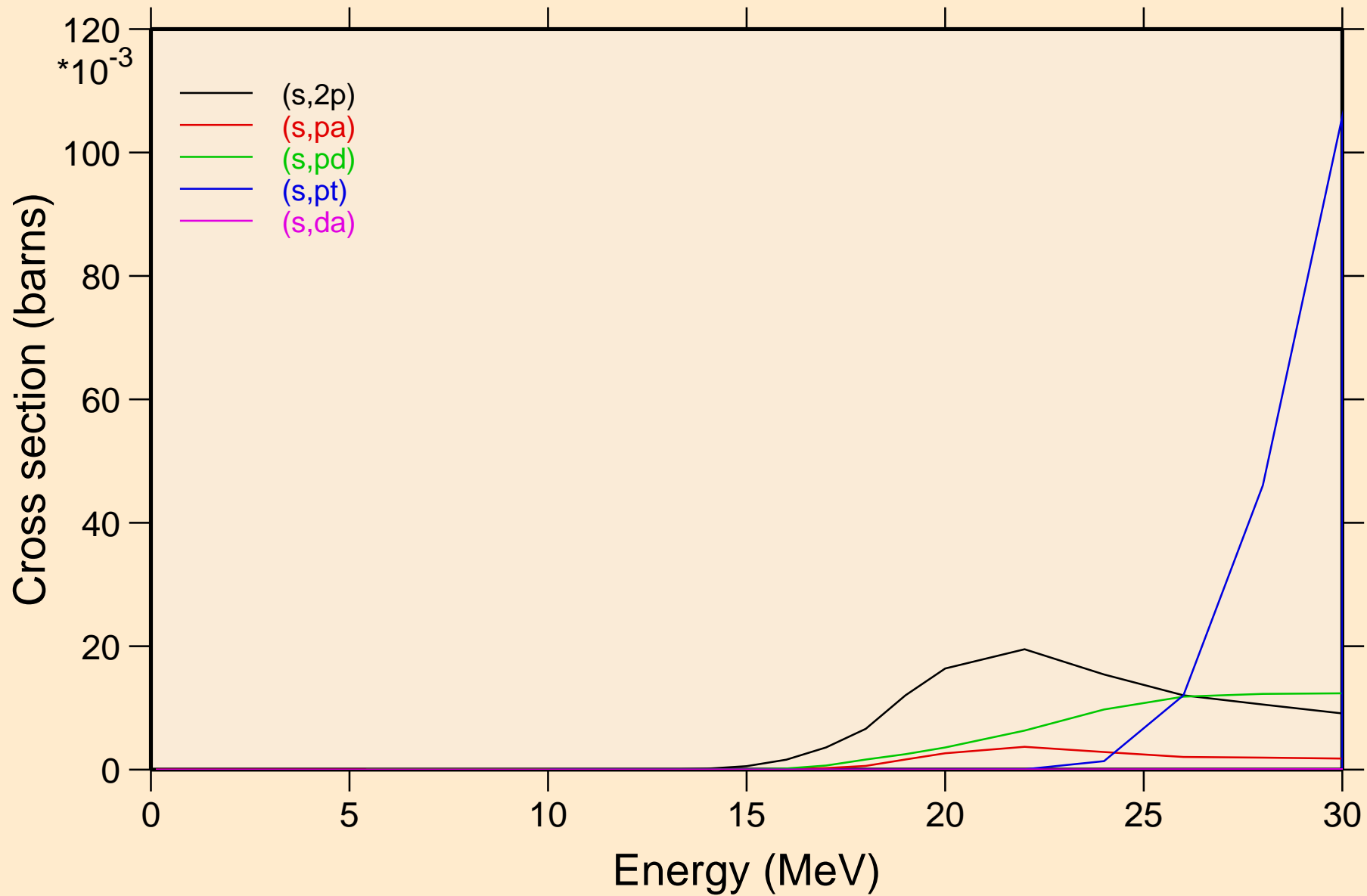
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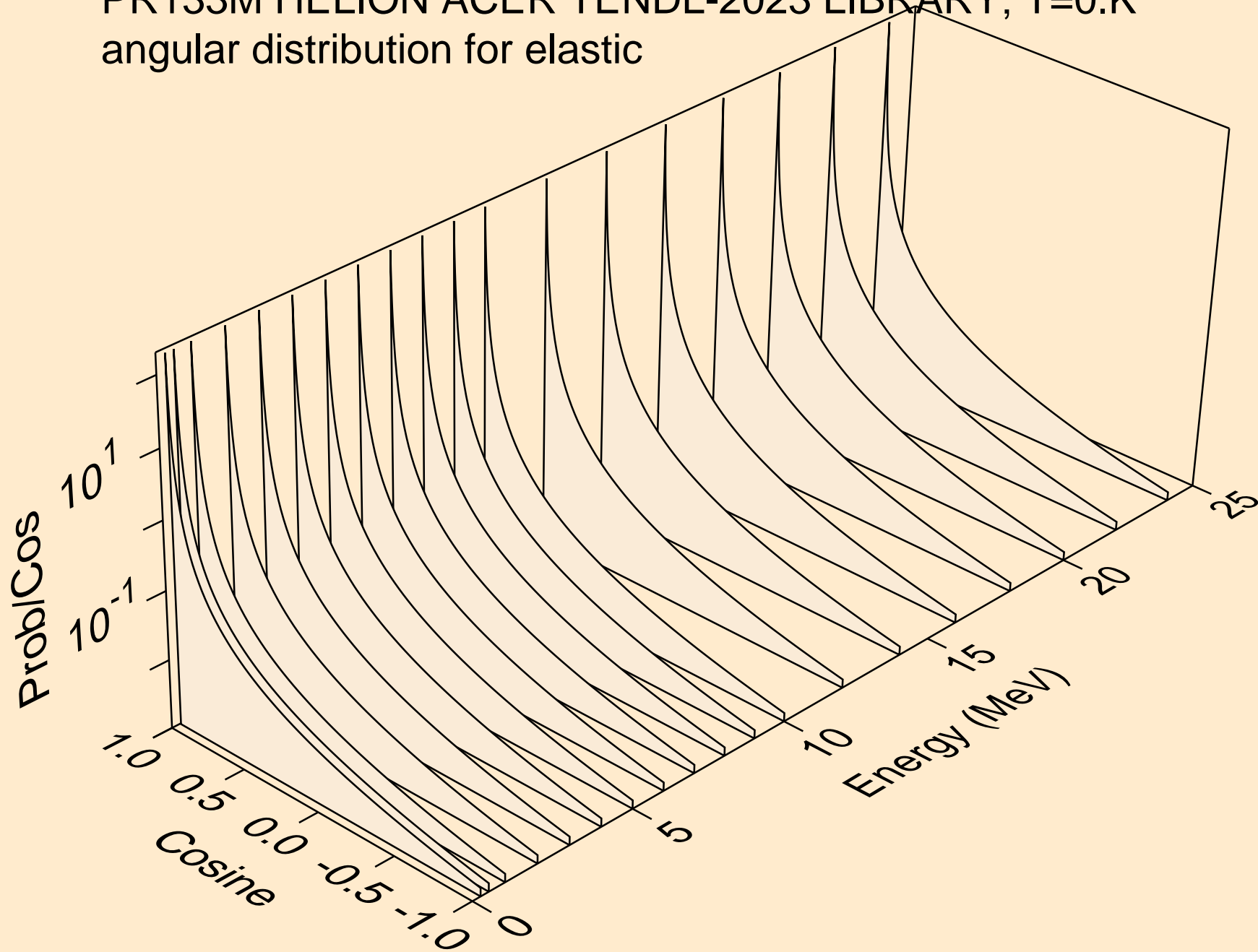
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Threshold reactions



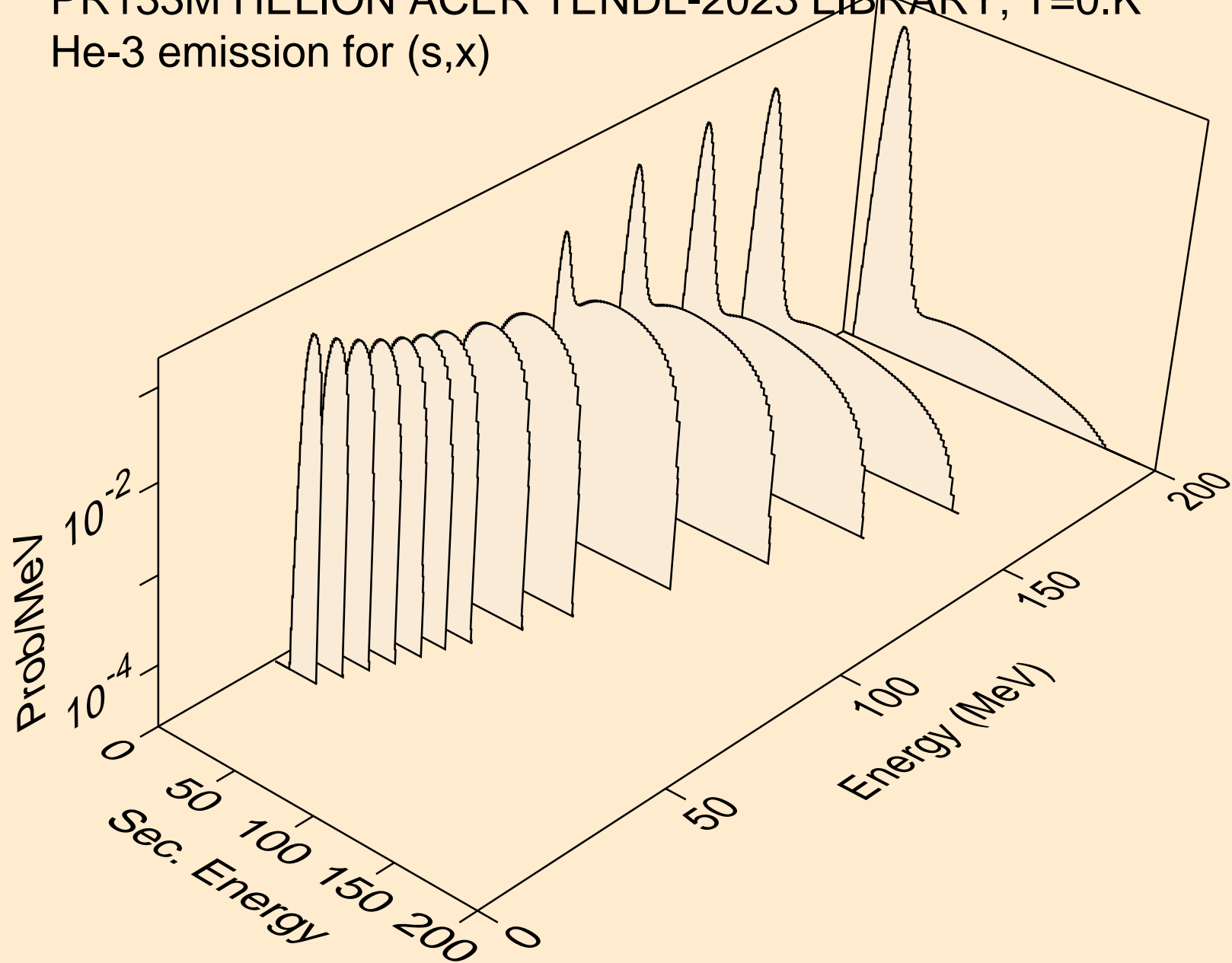
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Threshold reactions



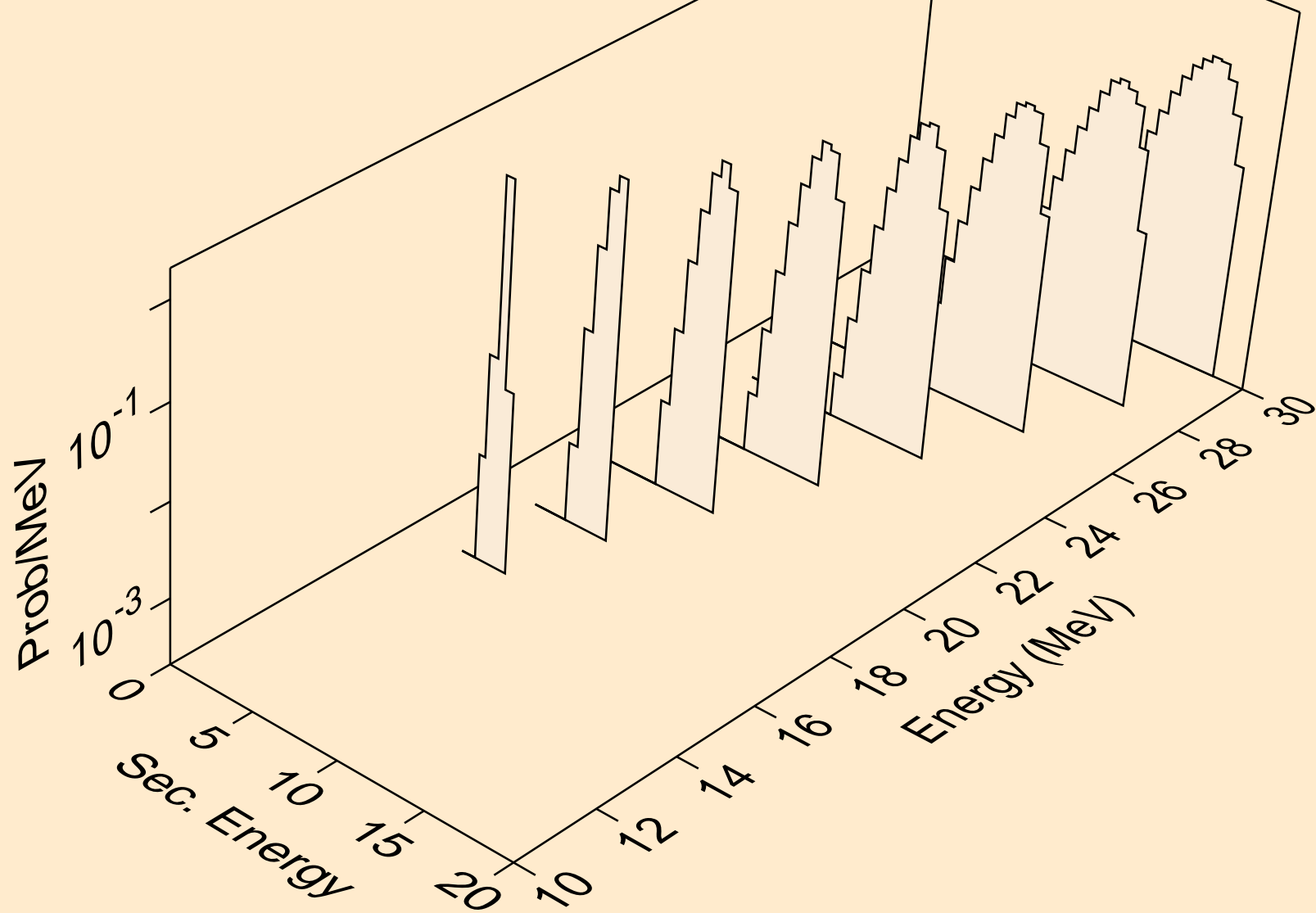
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angular distribution for elastic



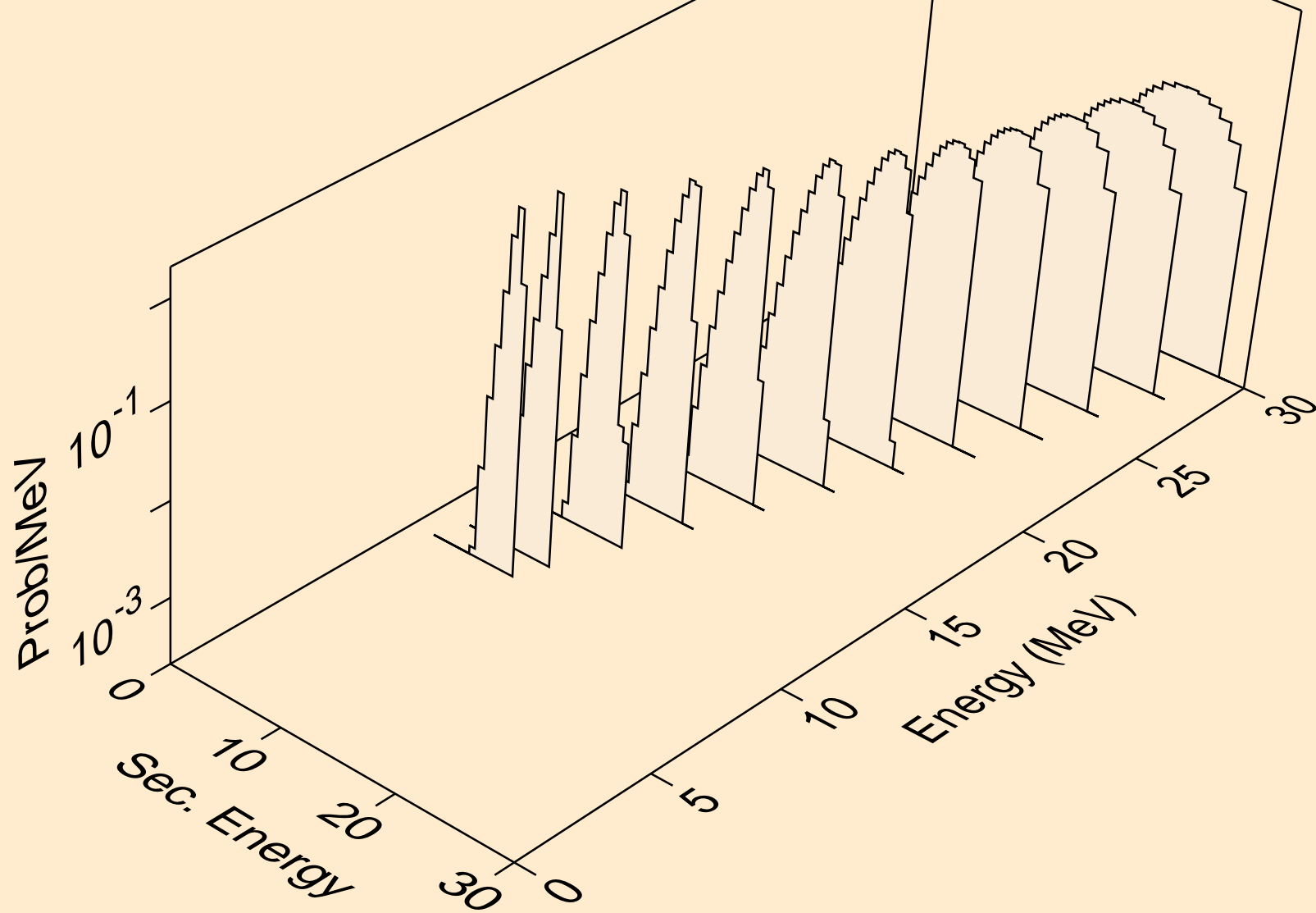
PR133M HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,x)



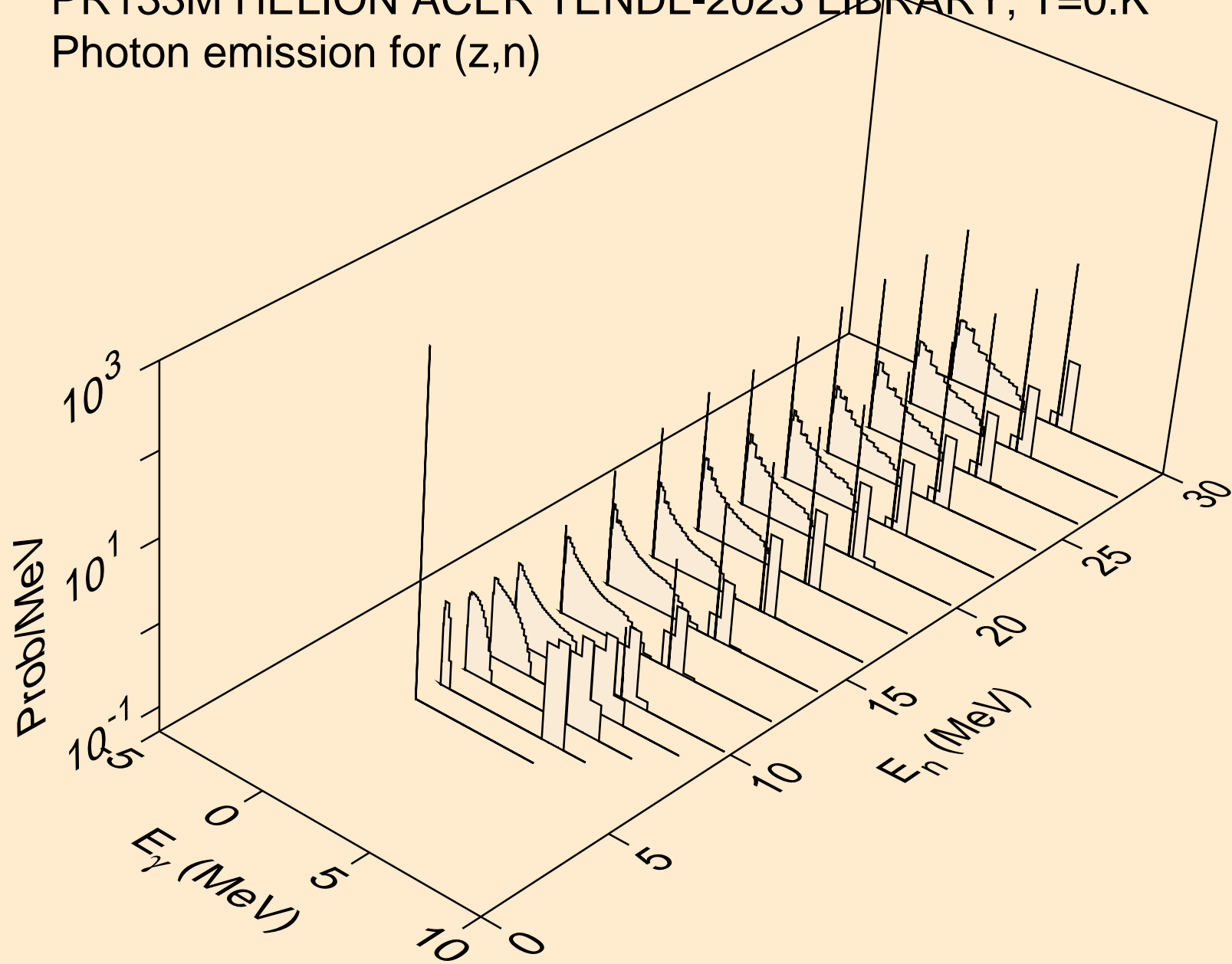
PR133M HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3



PR133M HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for inelastic

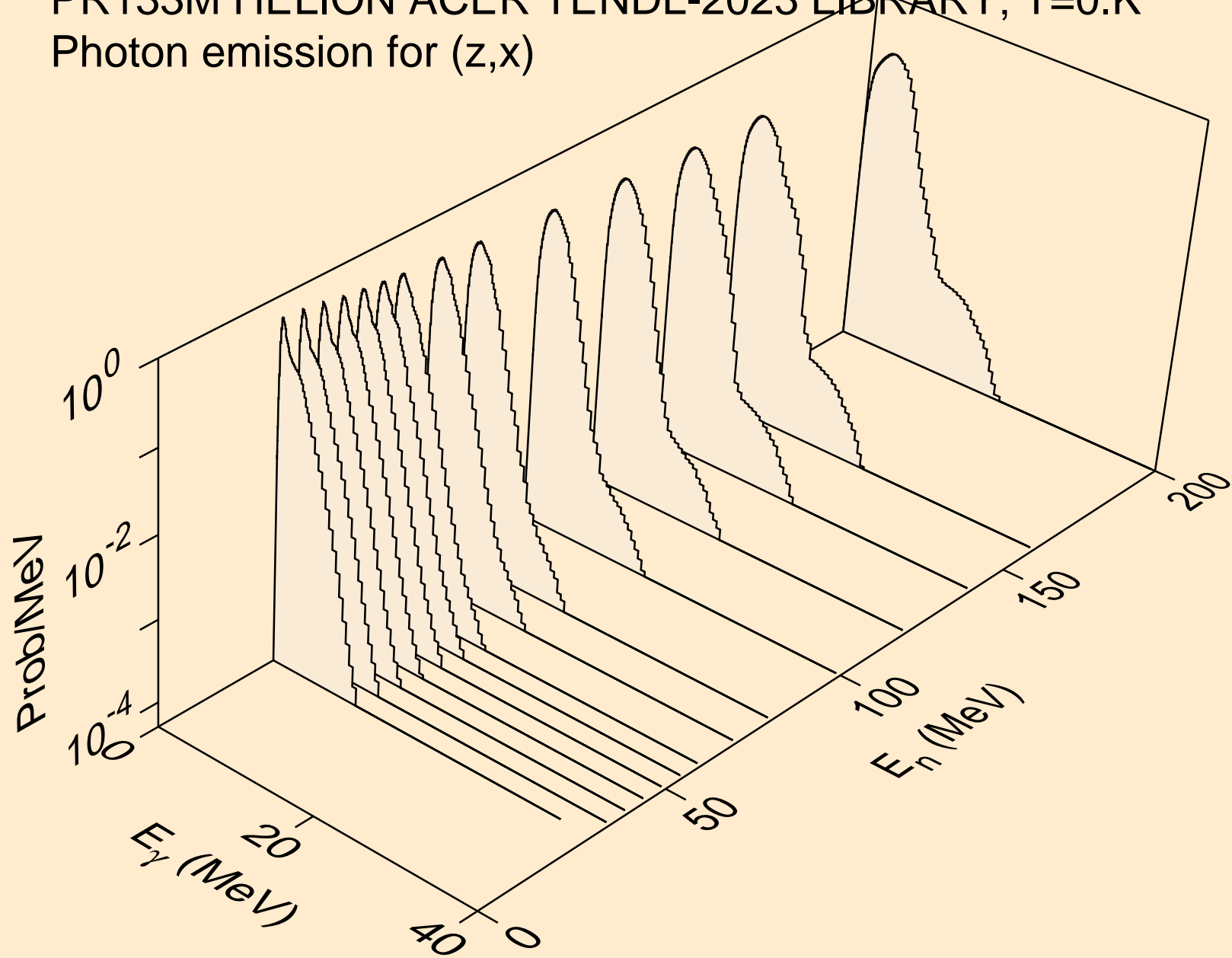


PR133M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)

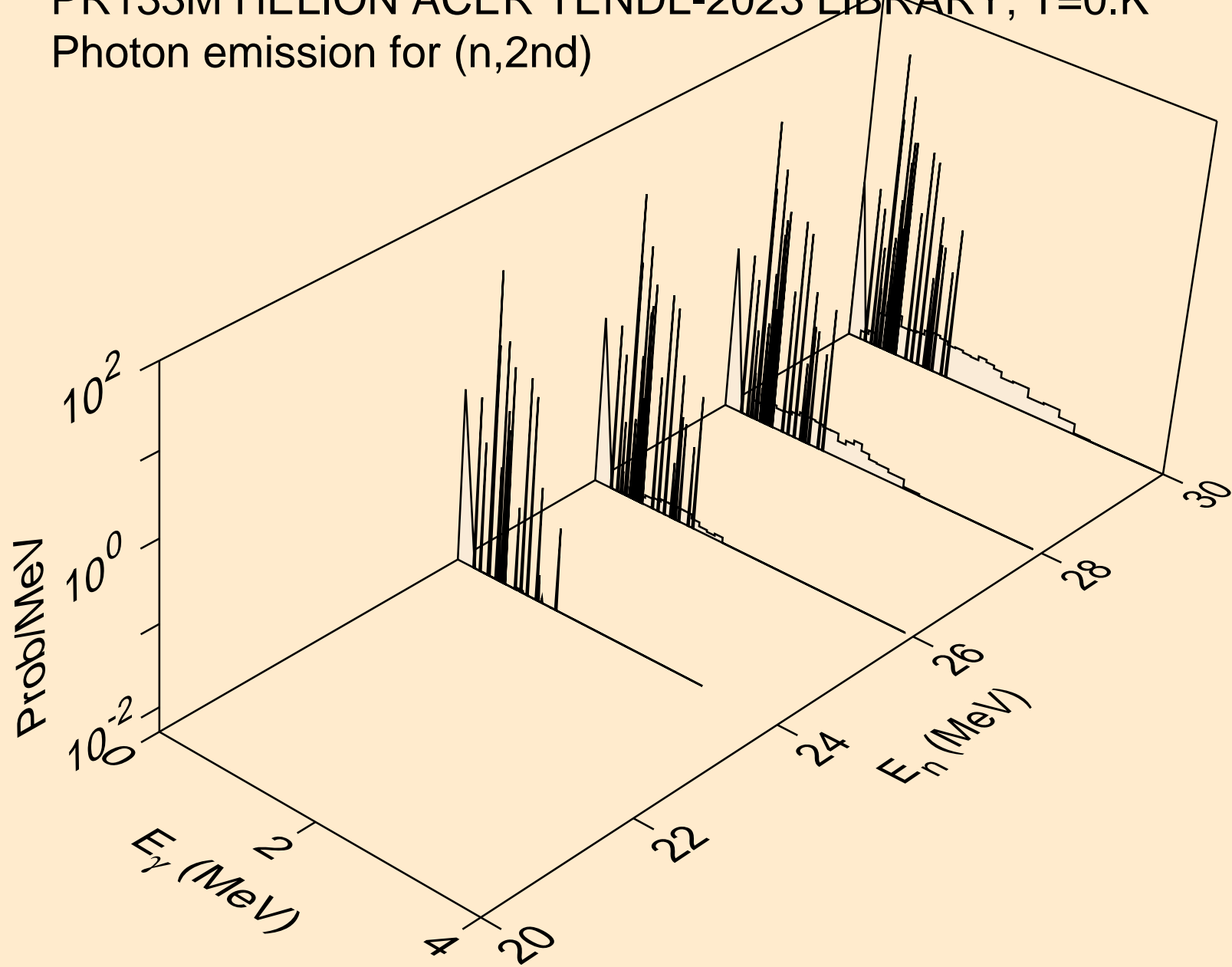




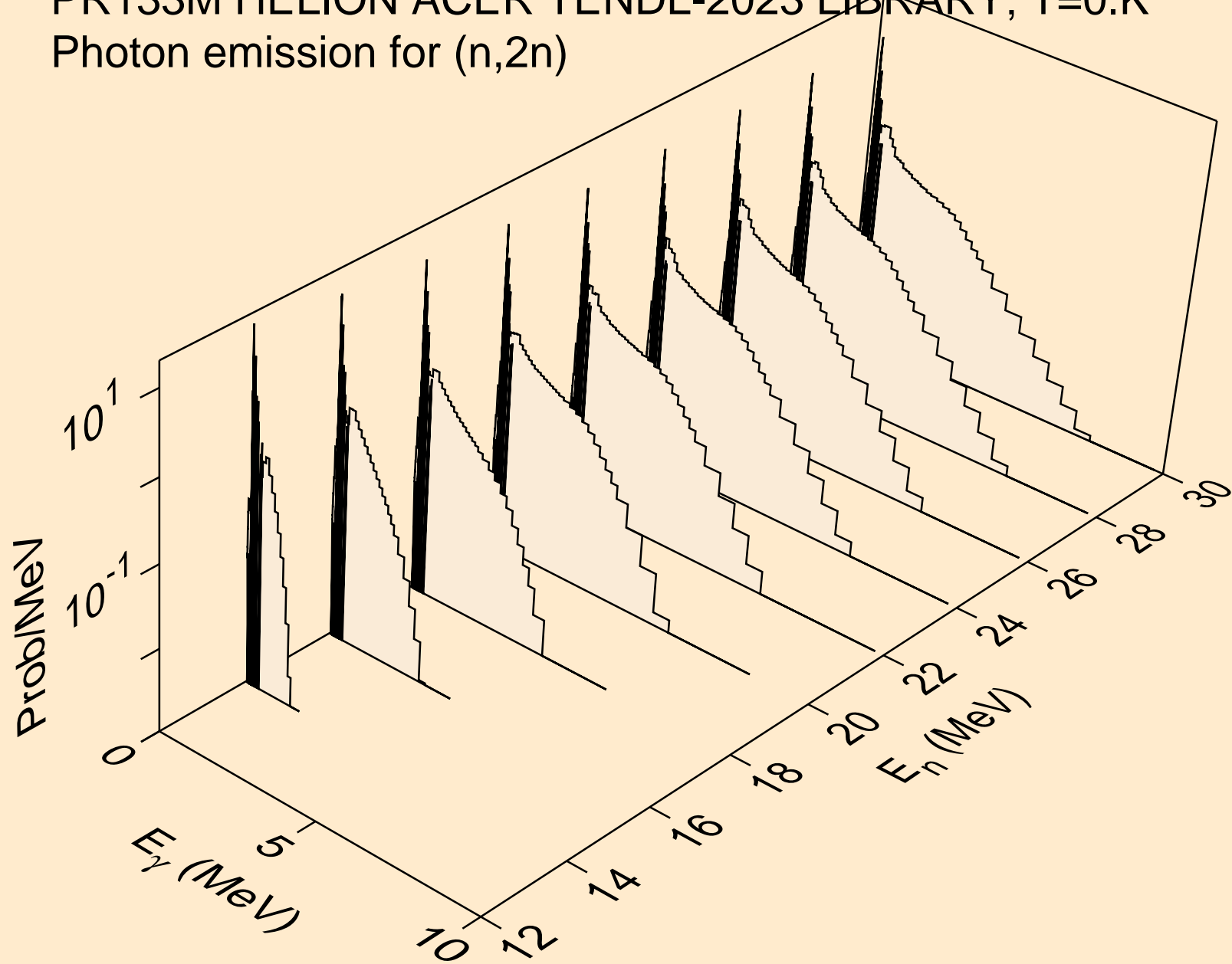
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Photon emission for (z,x)



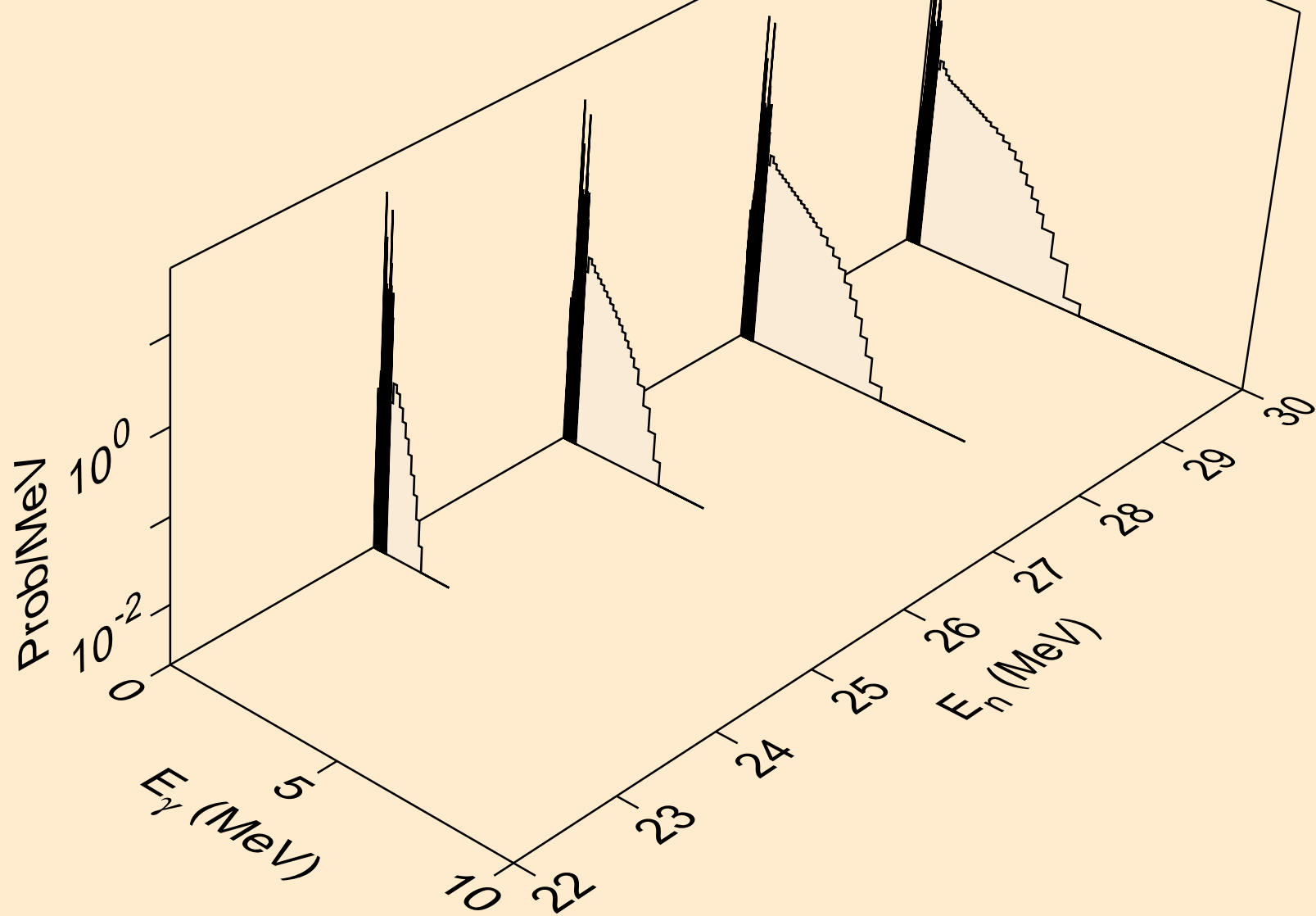
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Photon emission for (n,2nd)



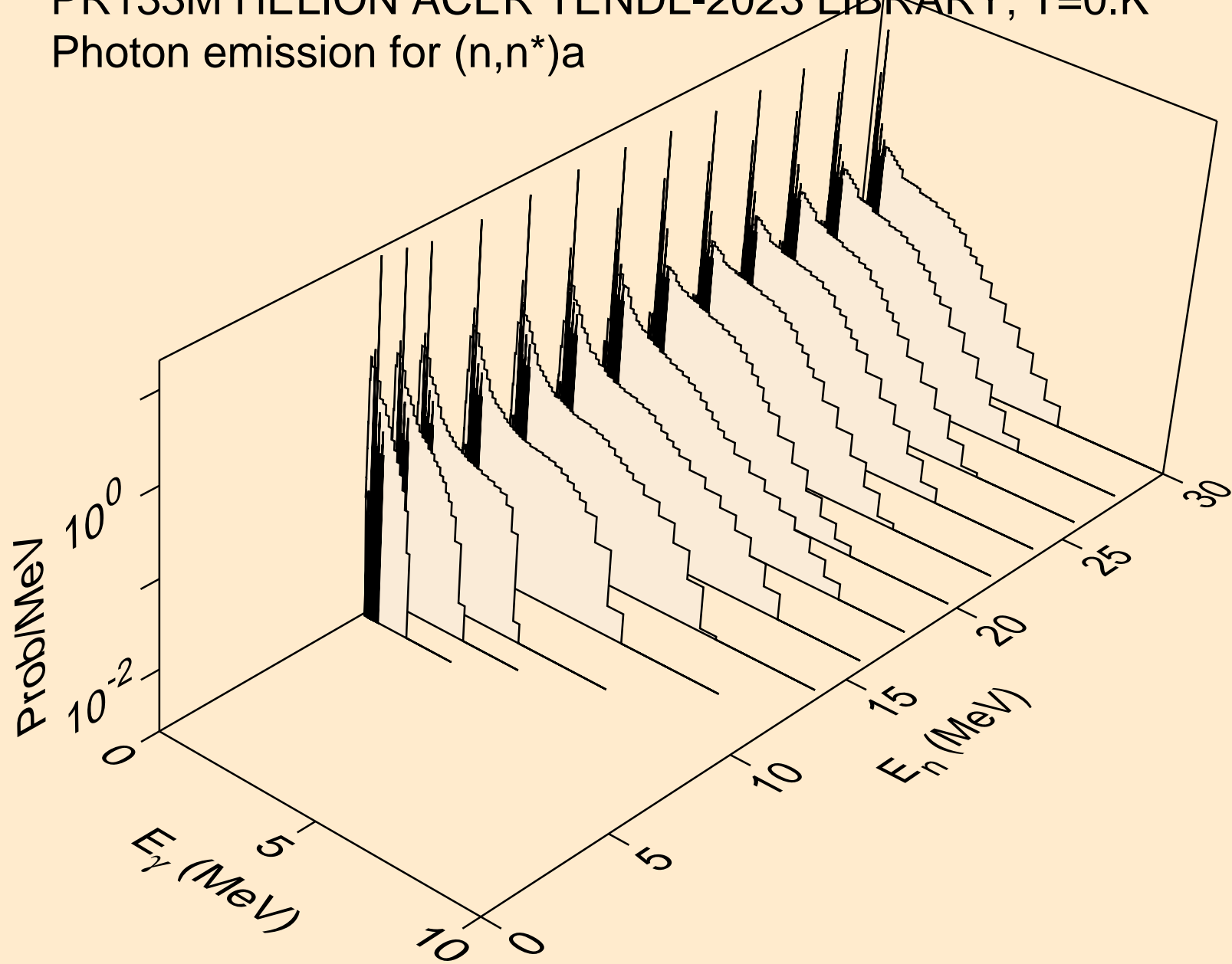
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Photon emission for (n,2n)



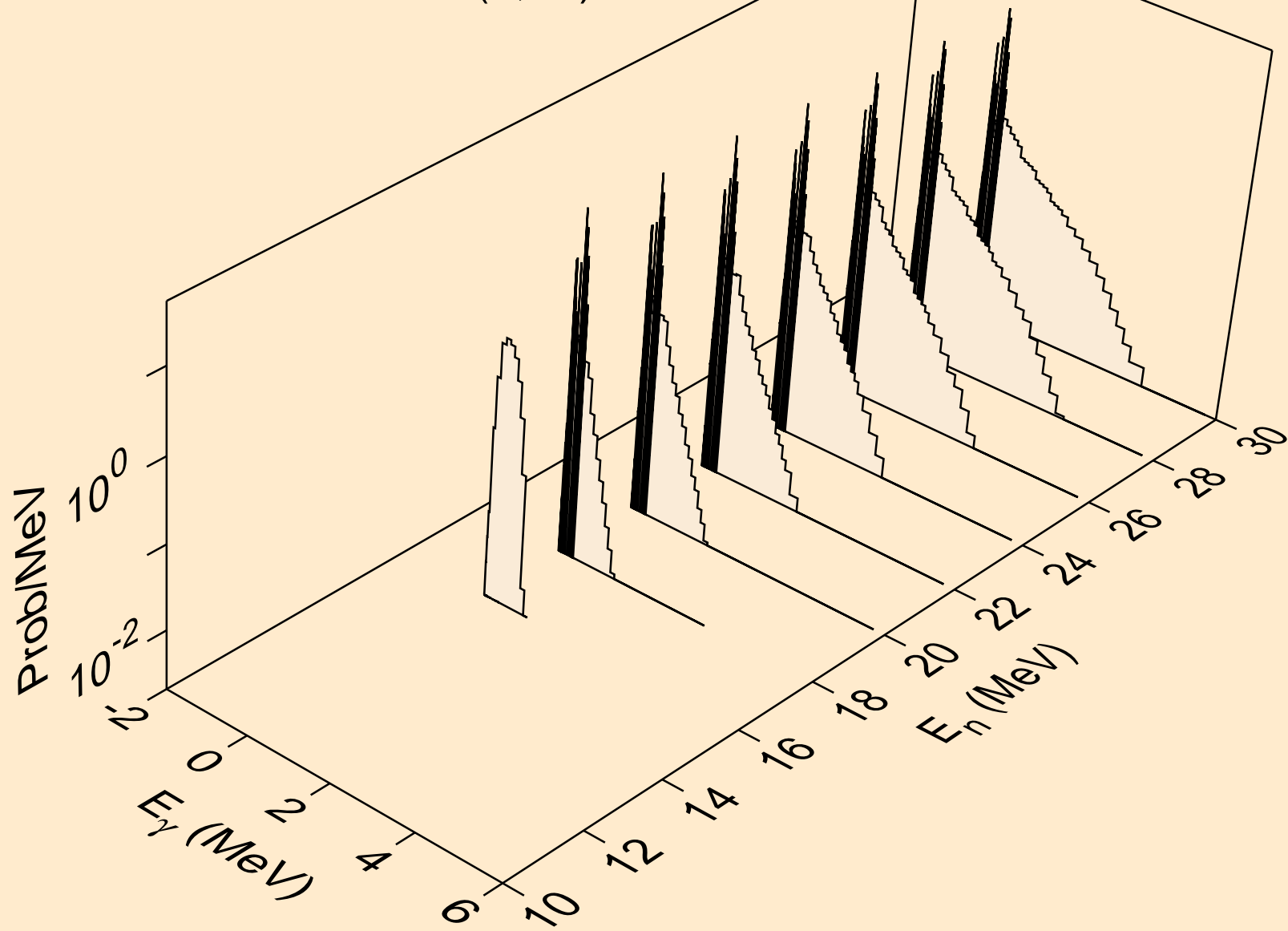
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Photon emission for (n,3n)



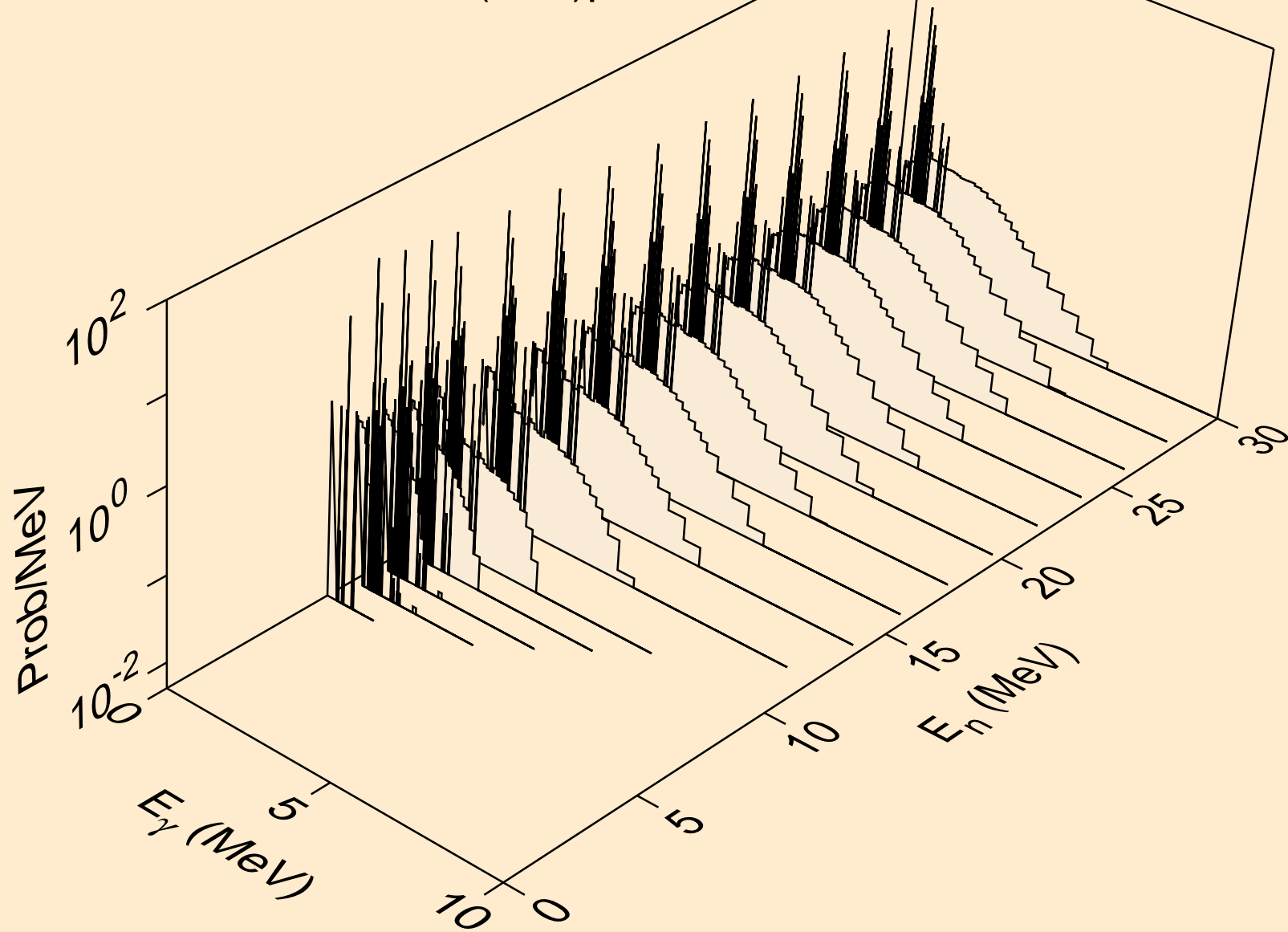
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Photon emission for (n,n\*)a



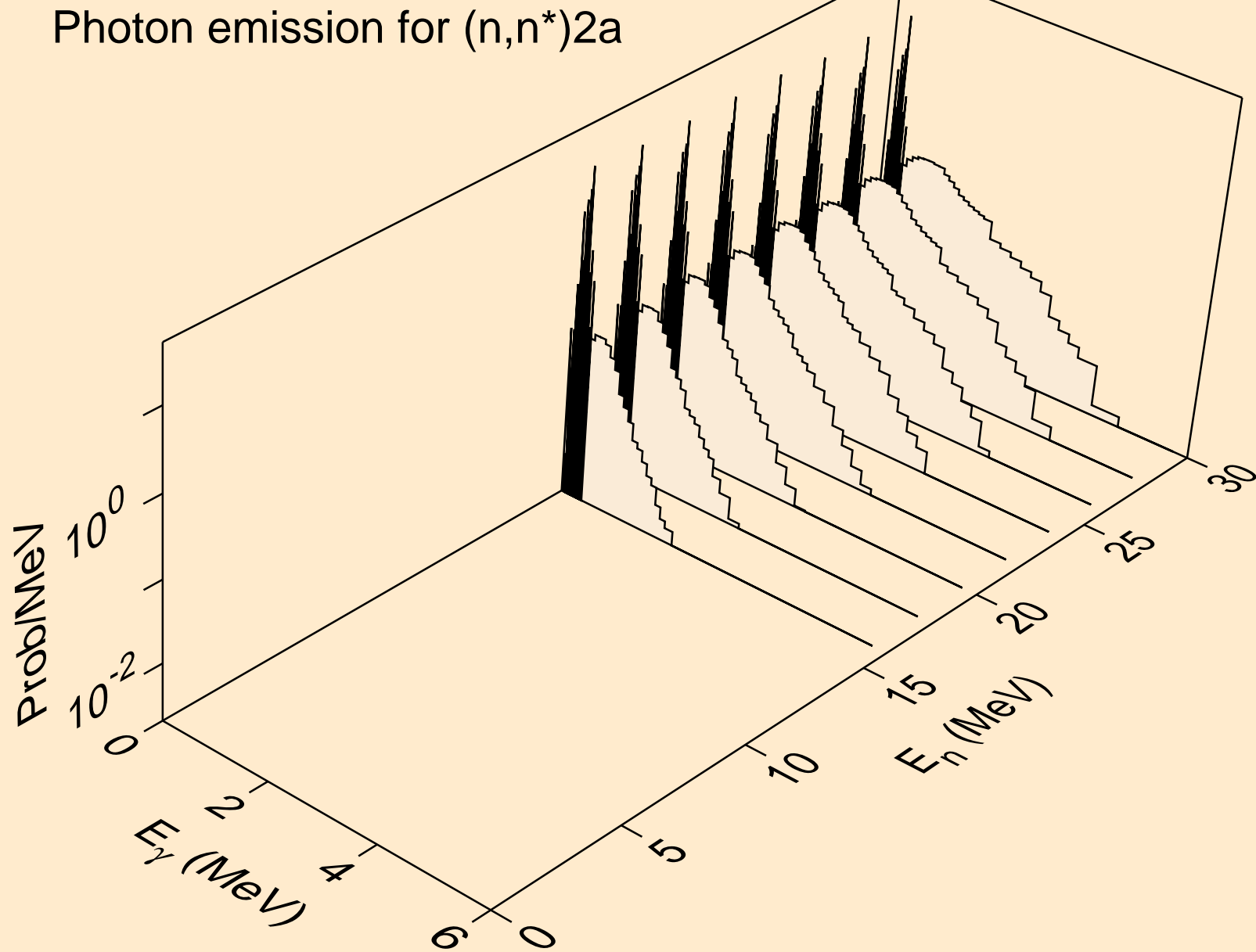
PR133M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



PR133M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

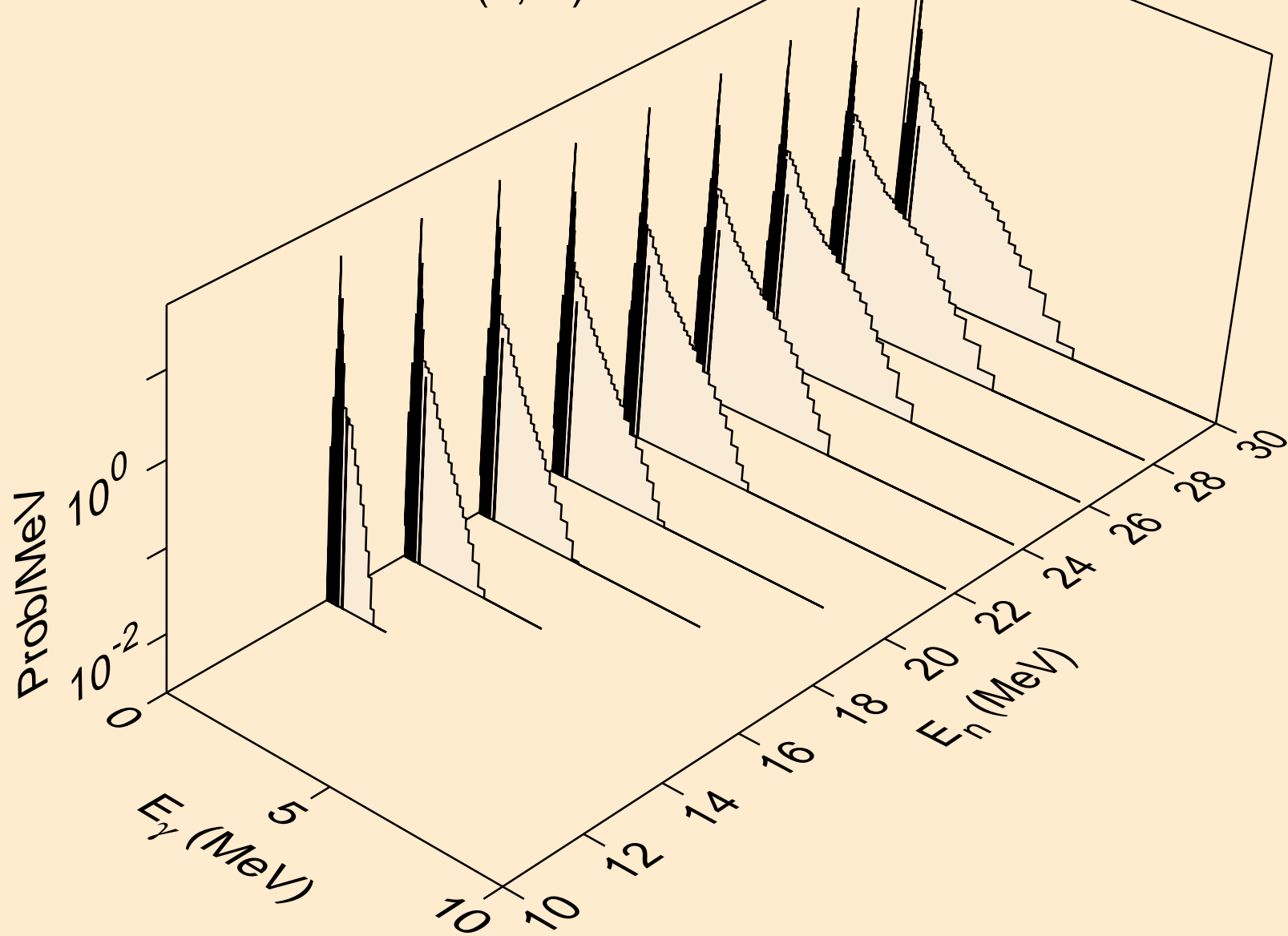


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Photon emission for (n,n\*)2a

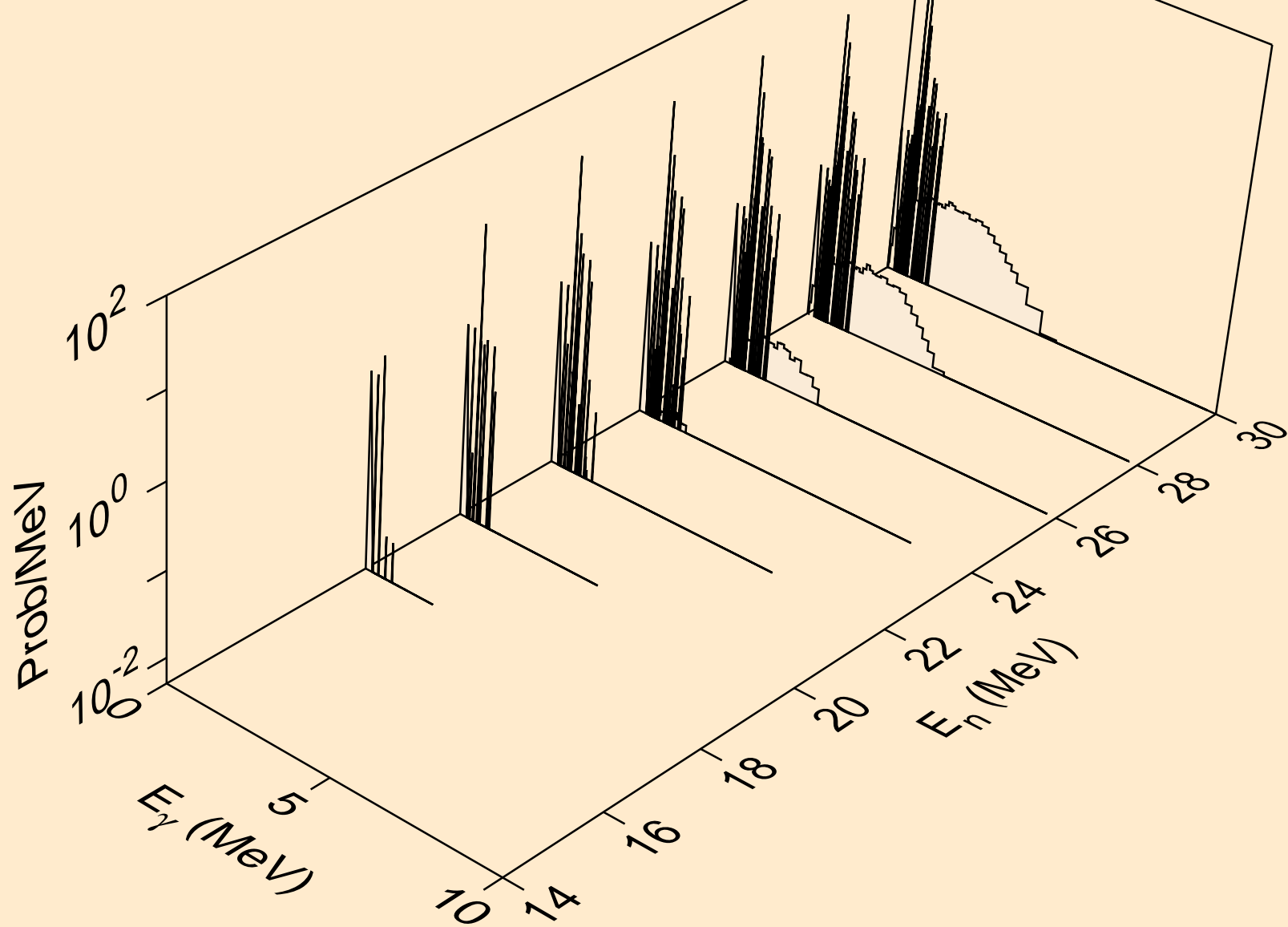




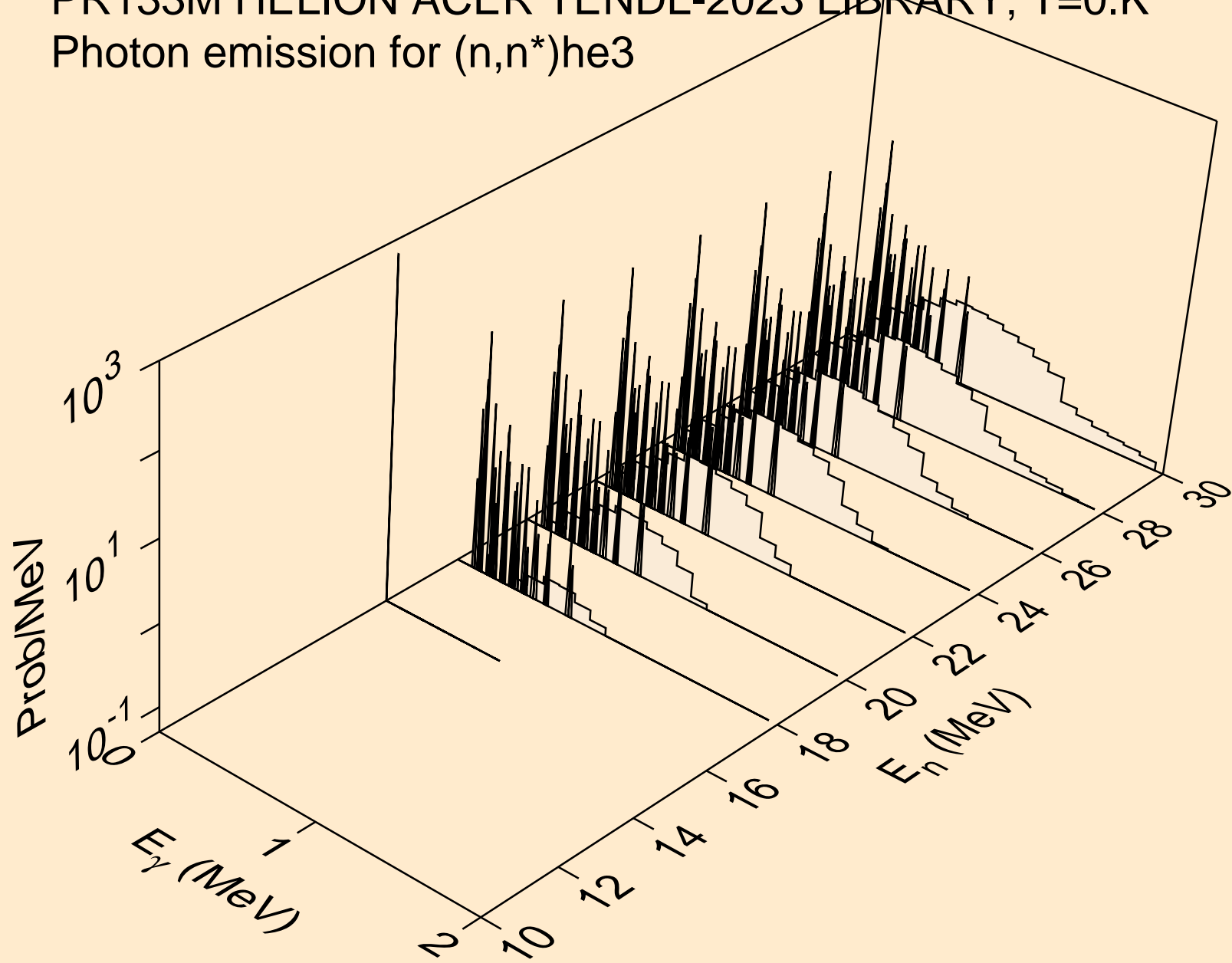
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Photon emission for (n,n\*)d



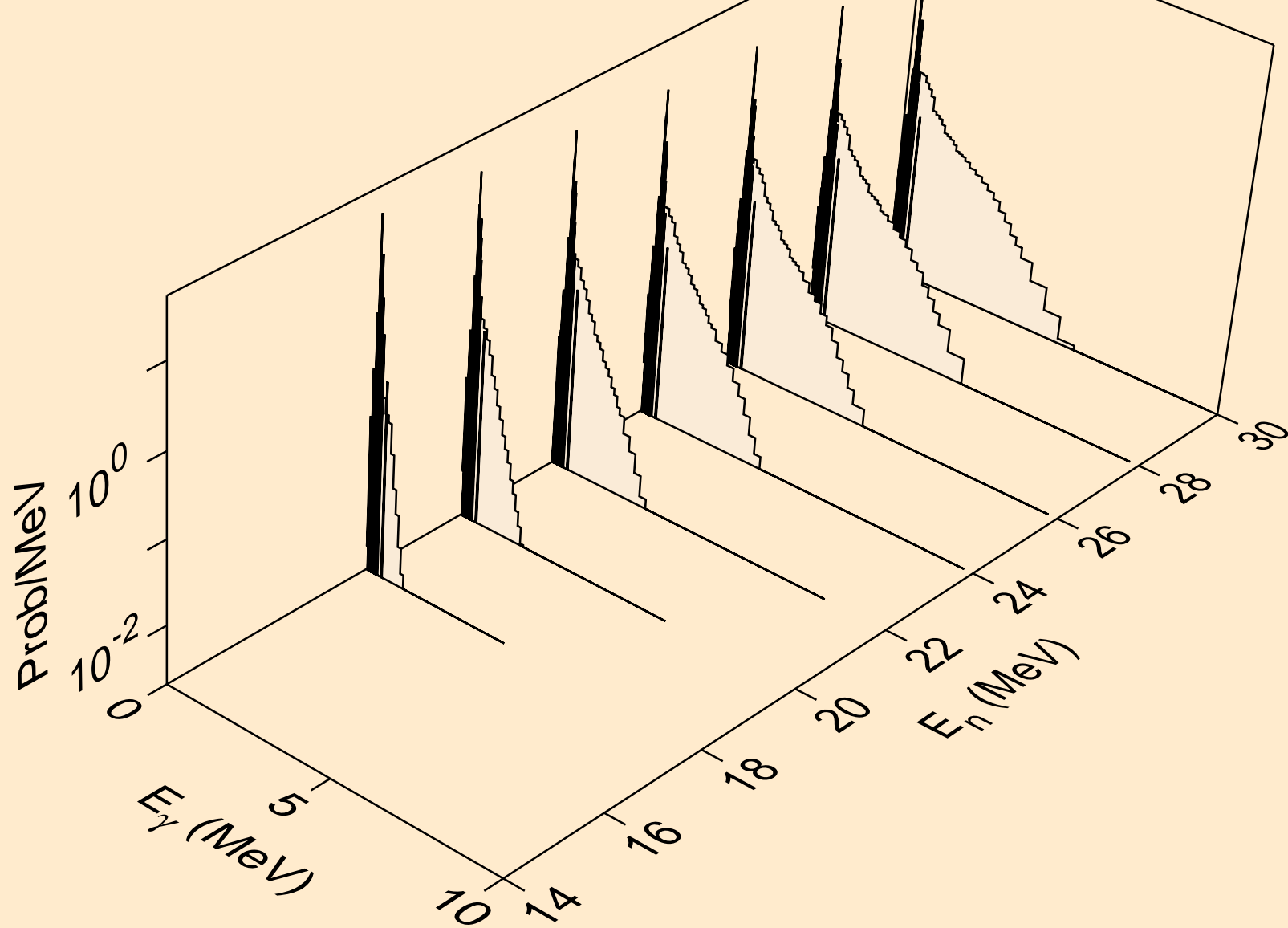
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Photon emission for (n,n\*)t



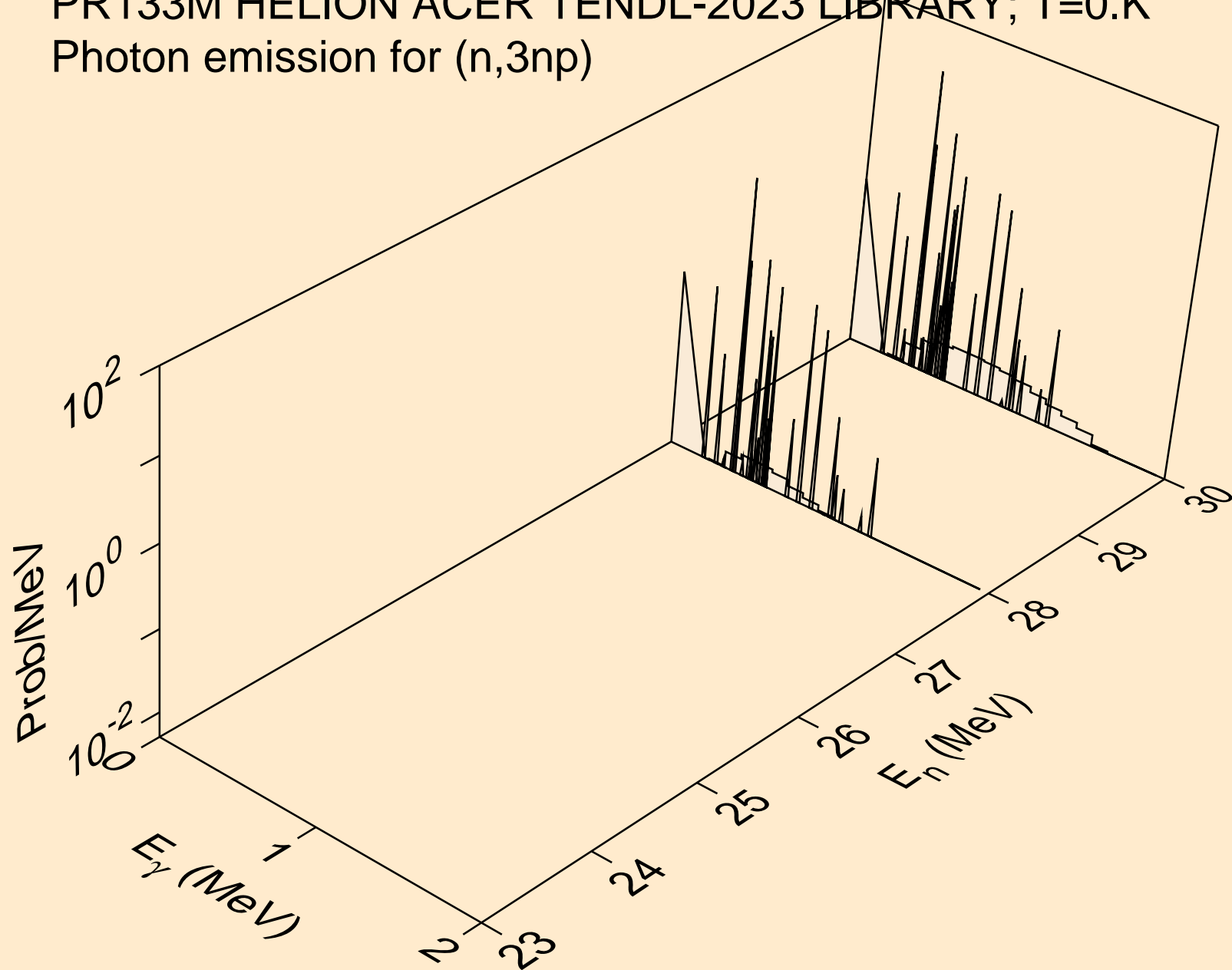
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Photon emission for (n,n\*)he3



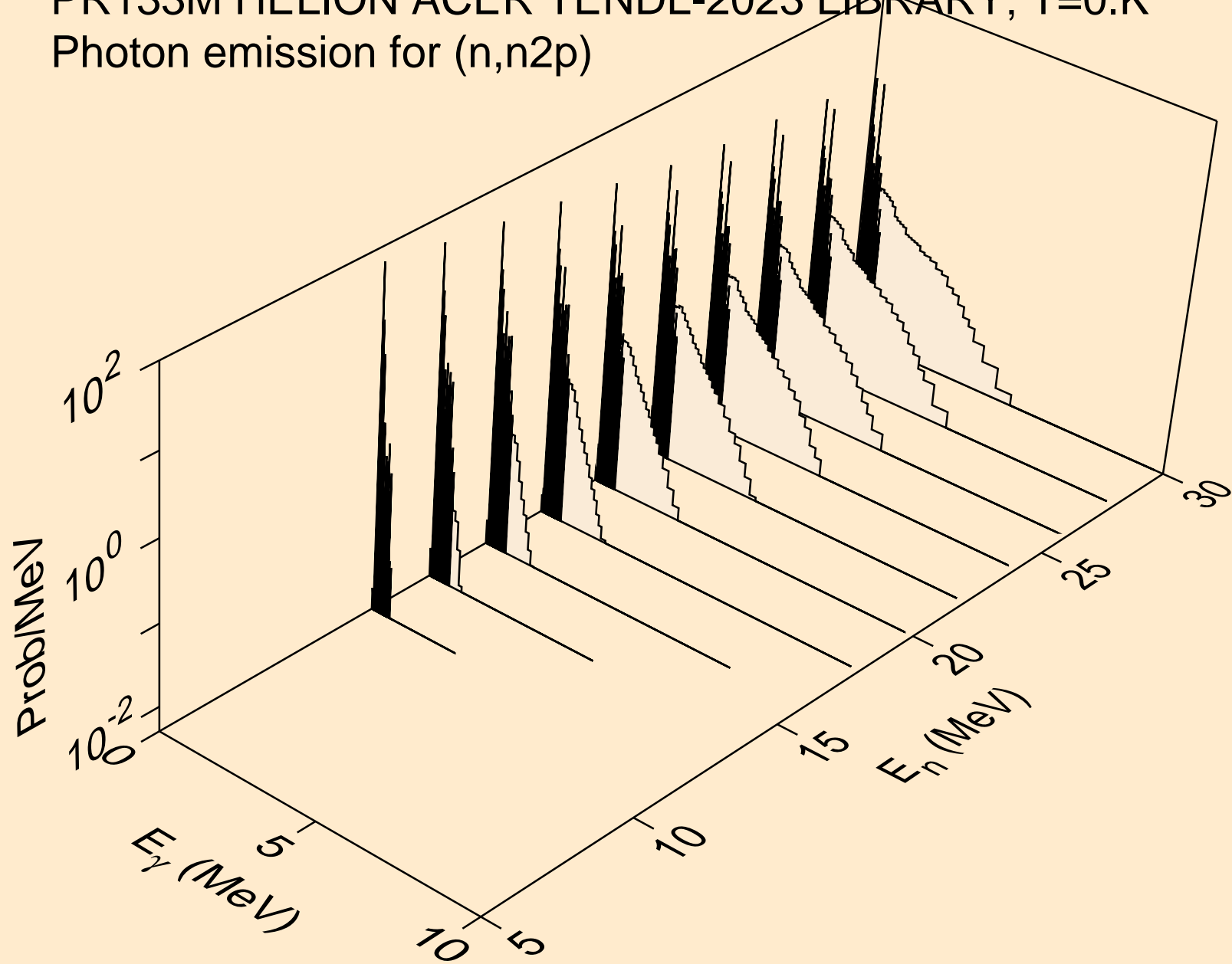
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Photon emission for (n,2np)



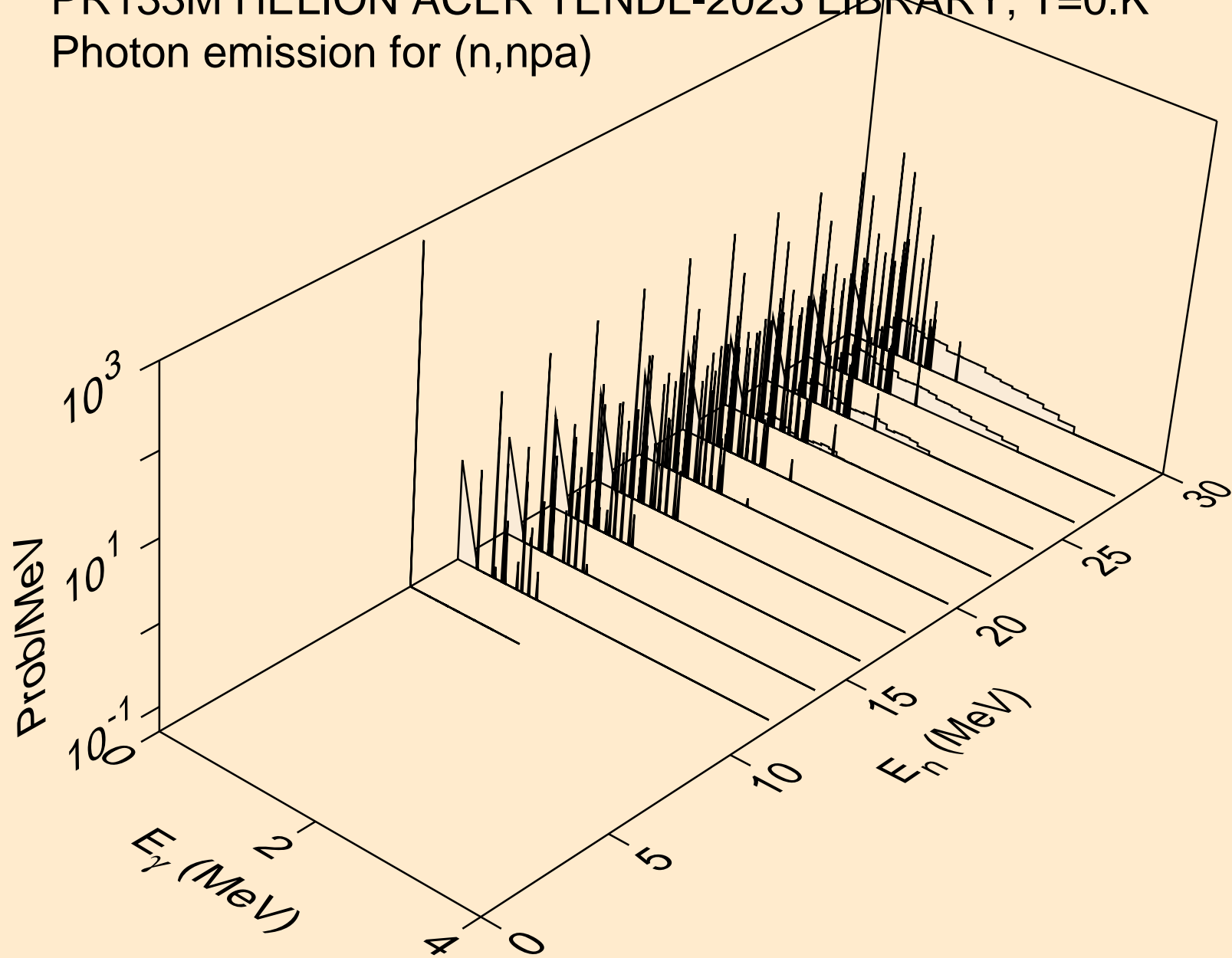
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Photon emission for (n,3np)



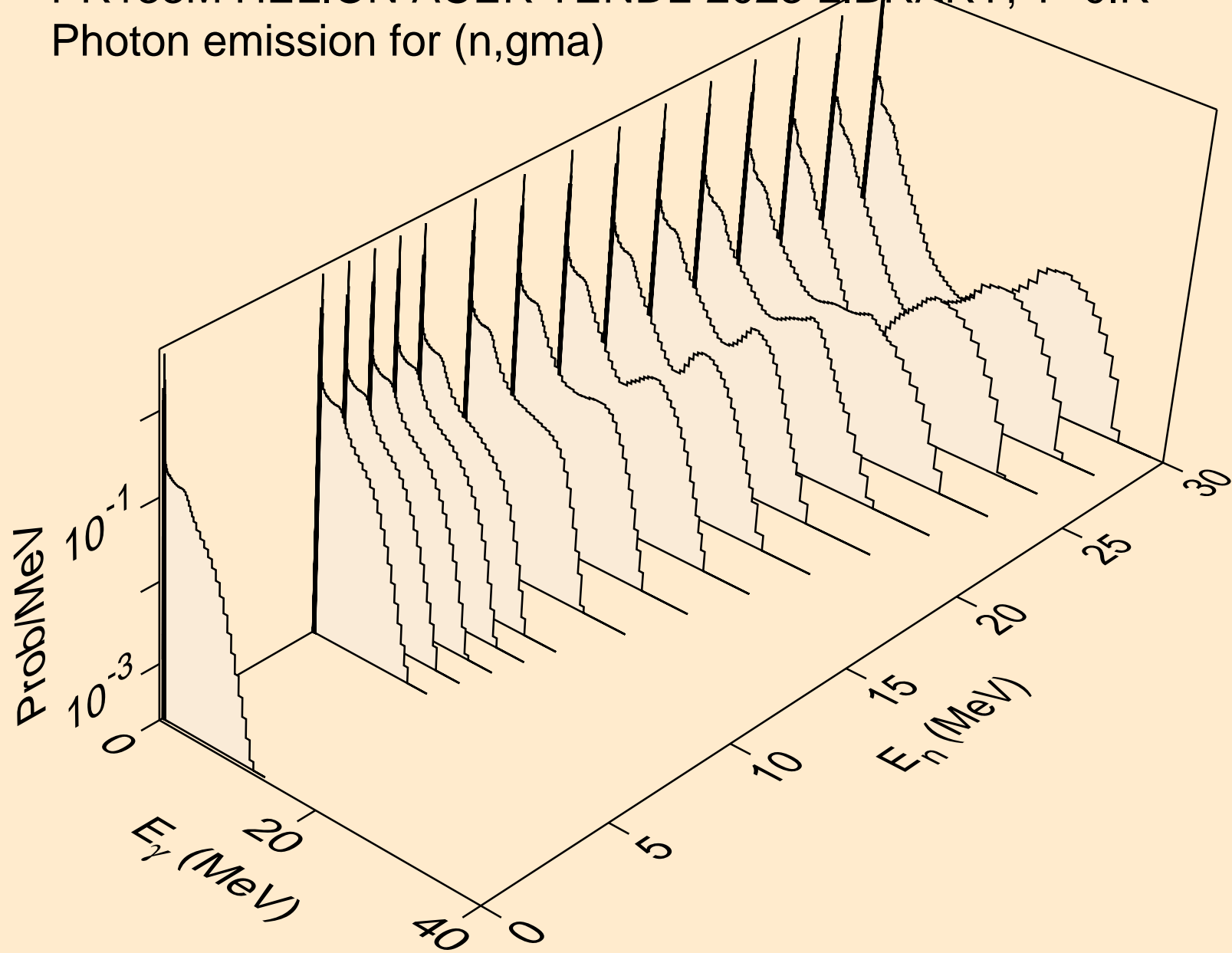
PR133M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



PR133M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)

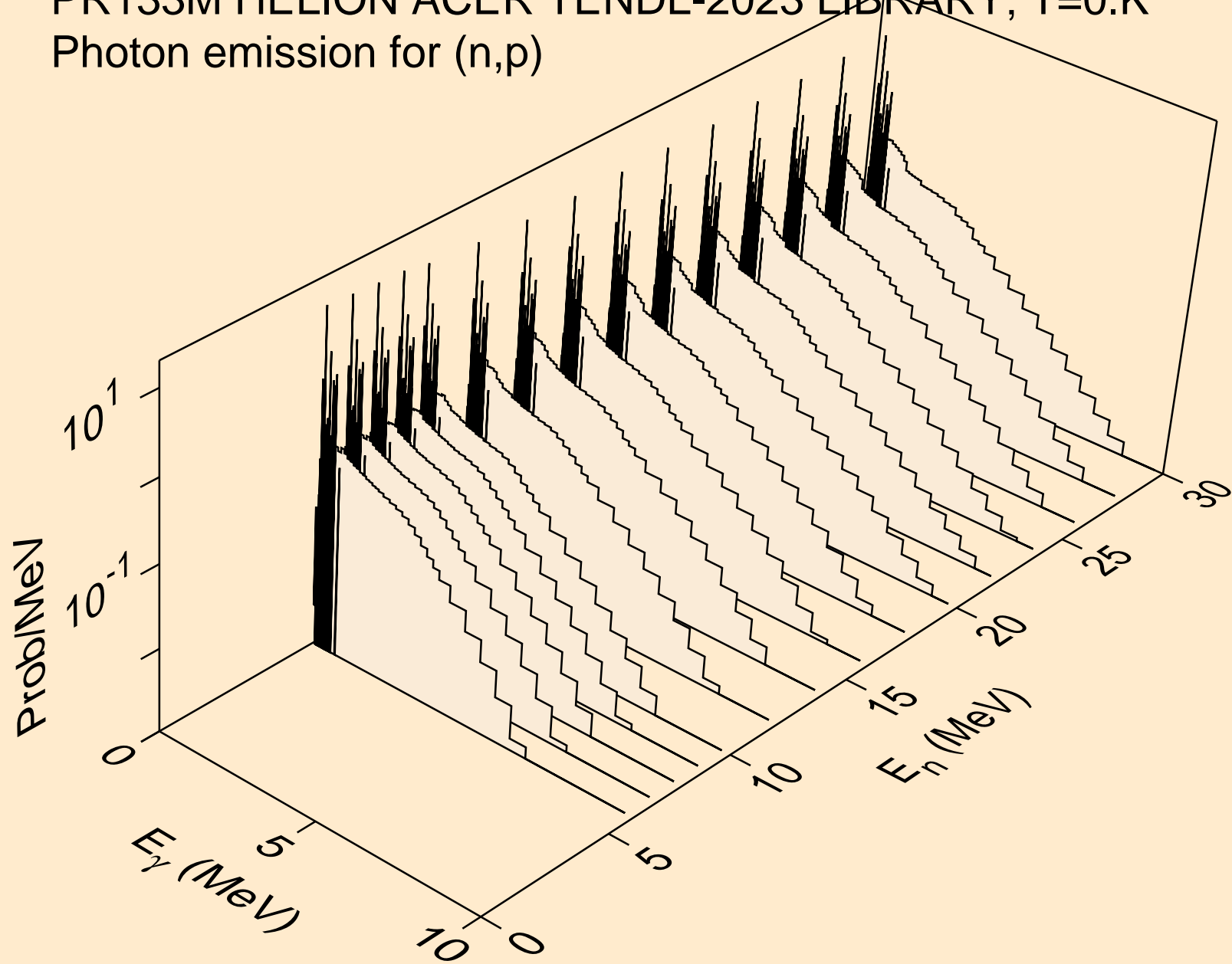


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Photon emission for (n,gma)

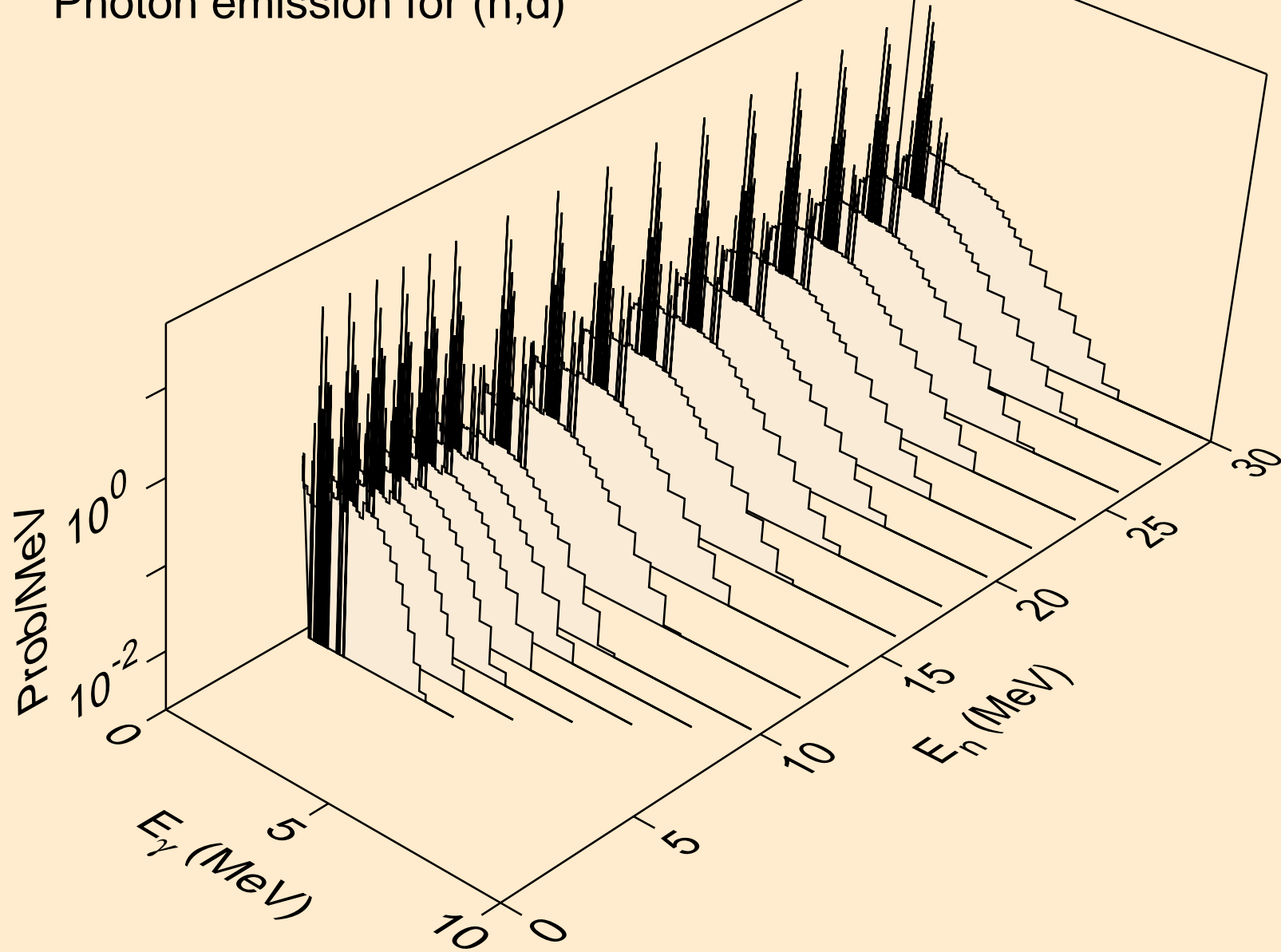




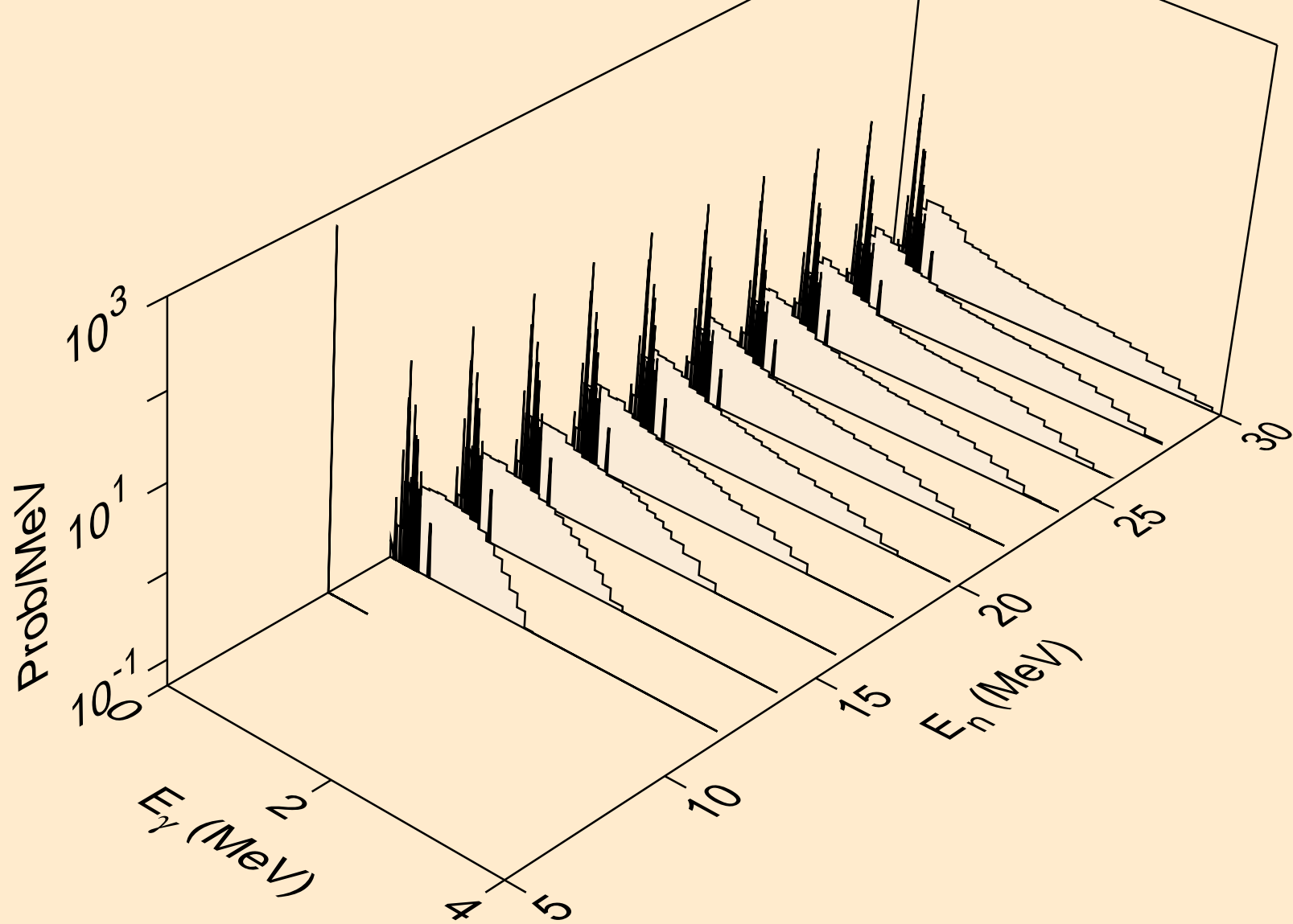
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Photon emission for (n,p)



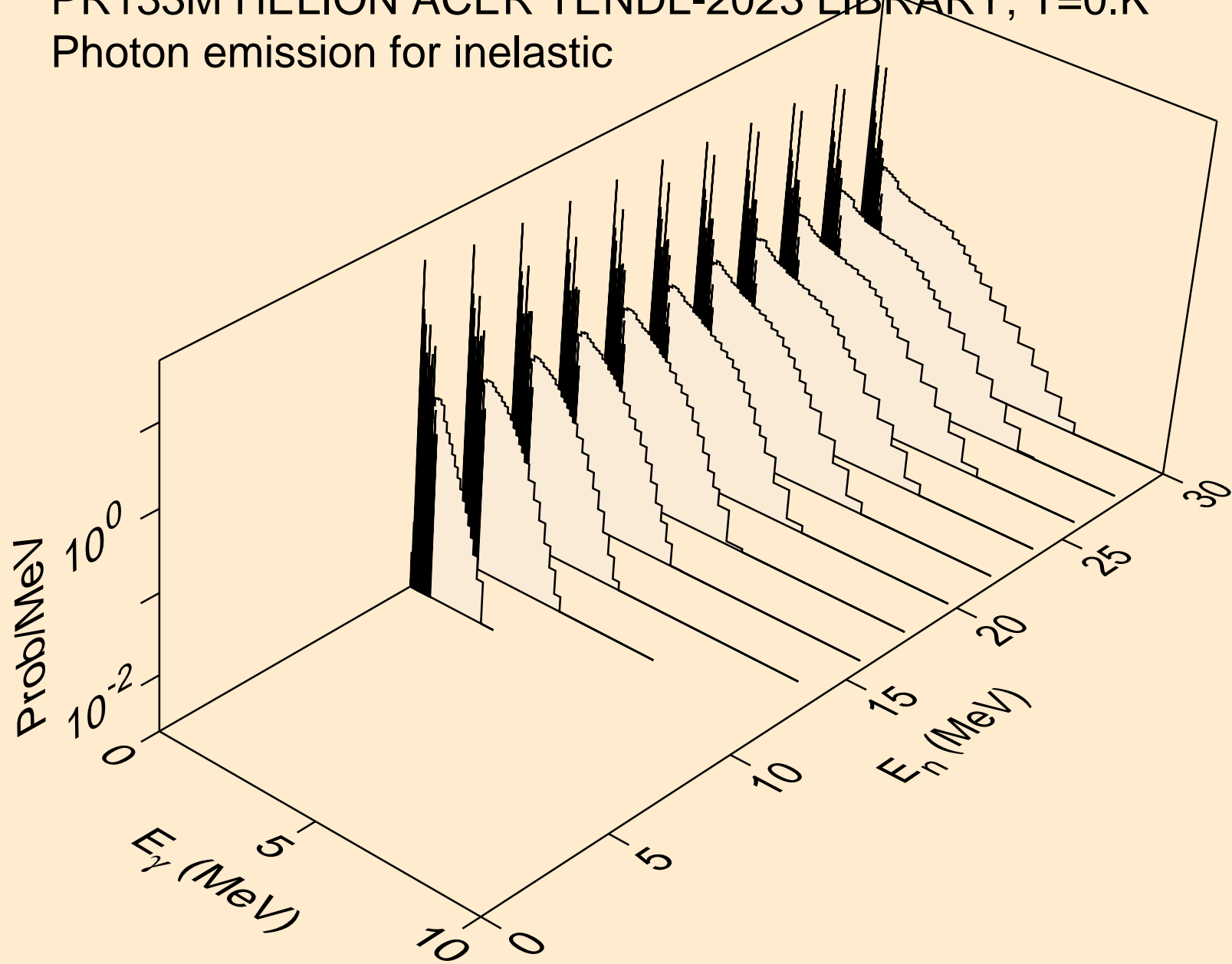
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Photon emission for (n,d)



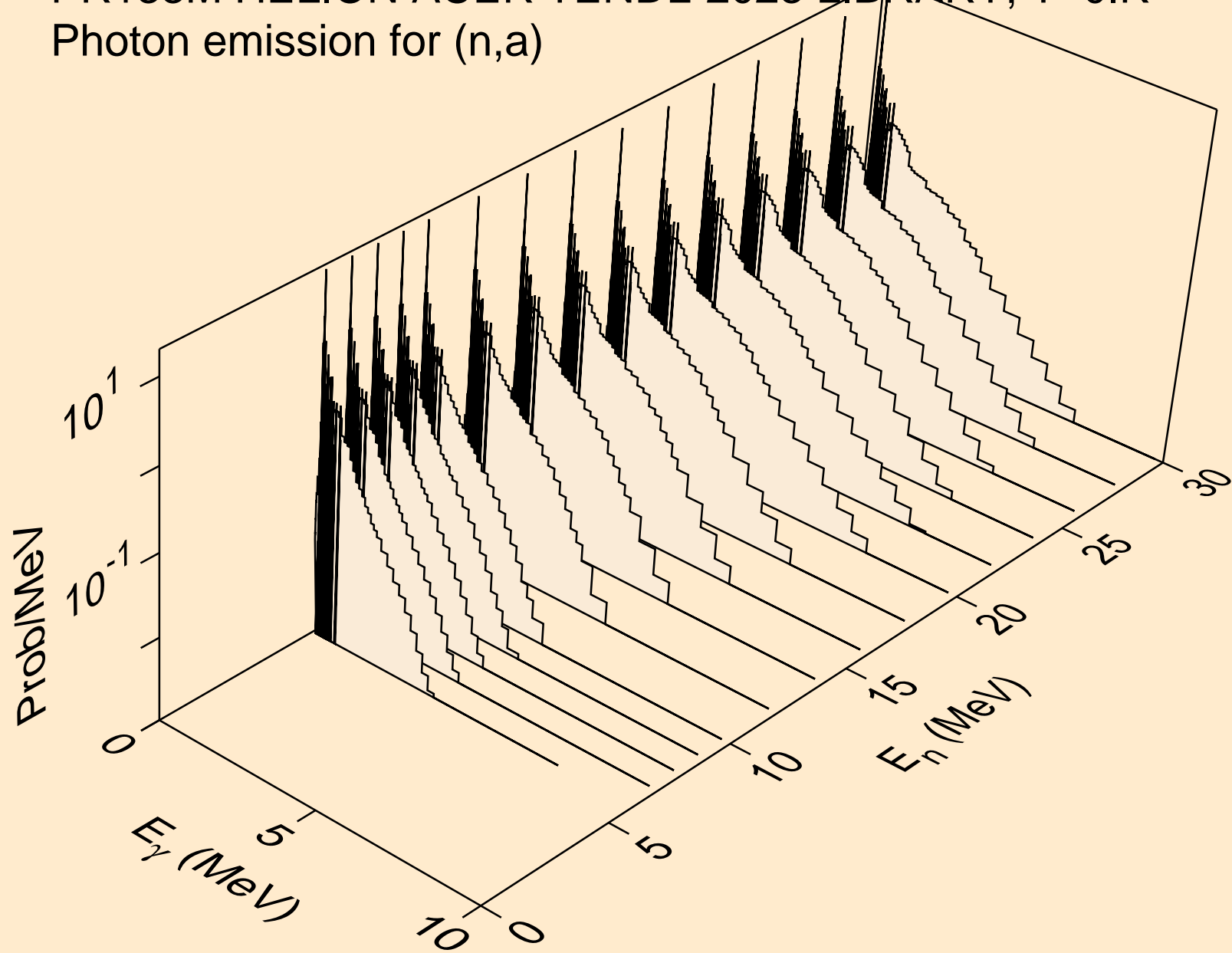
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Photon emission for (n,t)



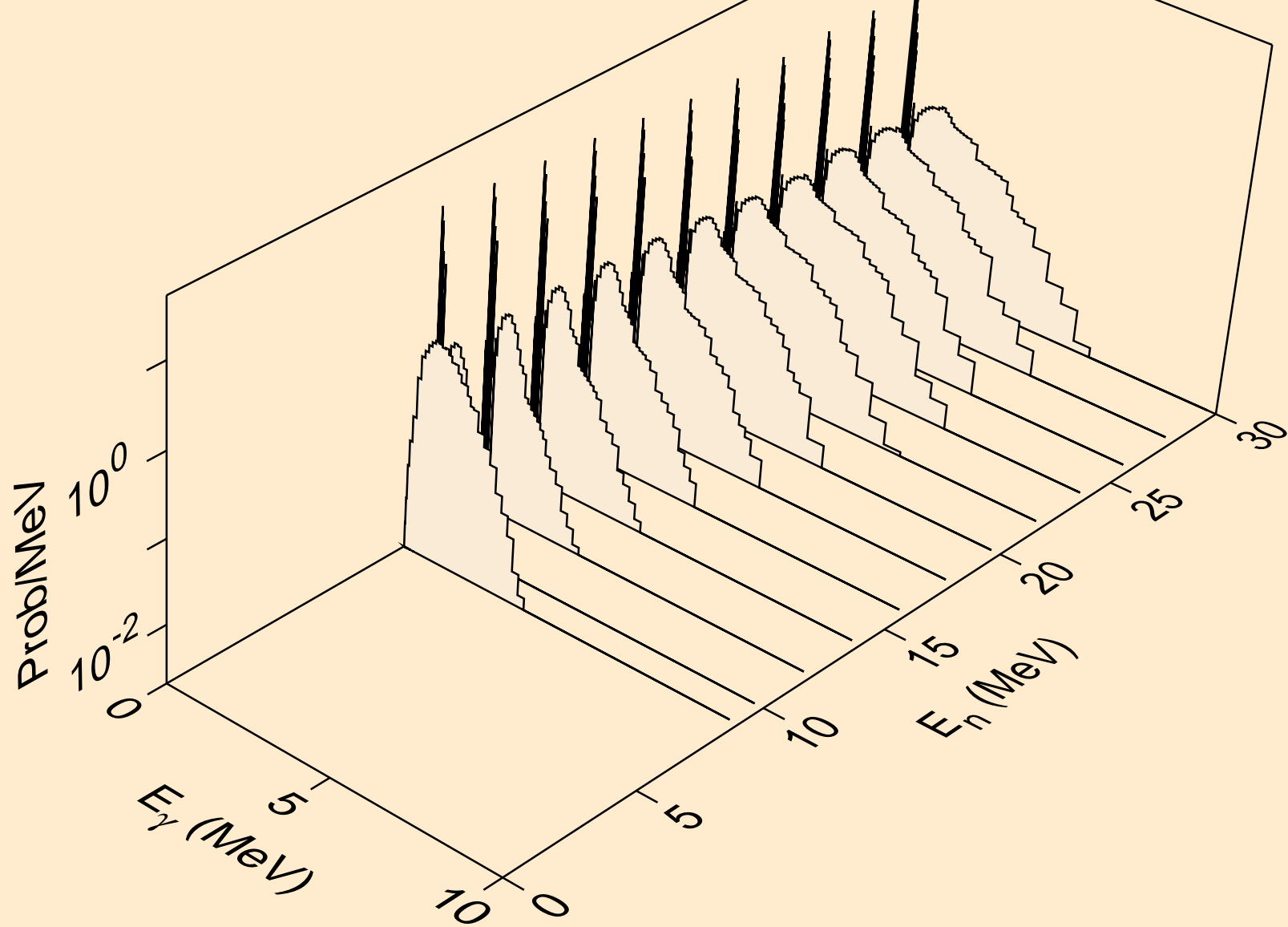
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Photon emission for inelastic



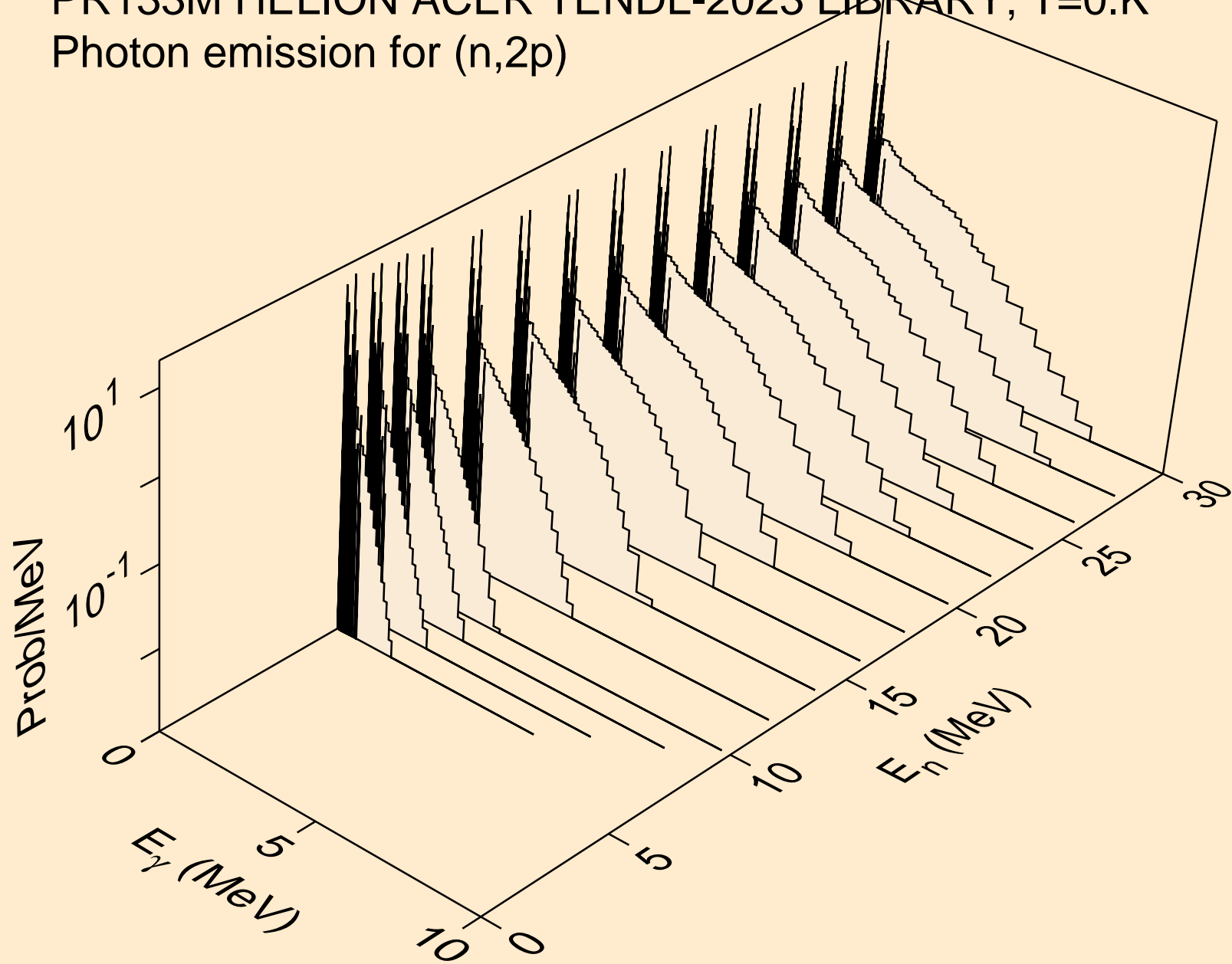
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Photon emission for (n,a)



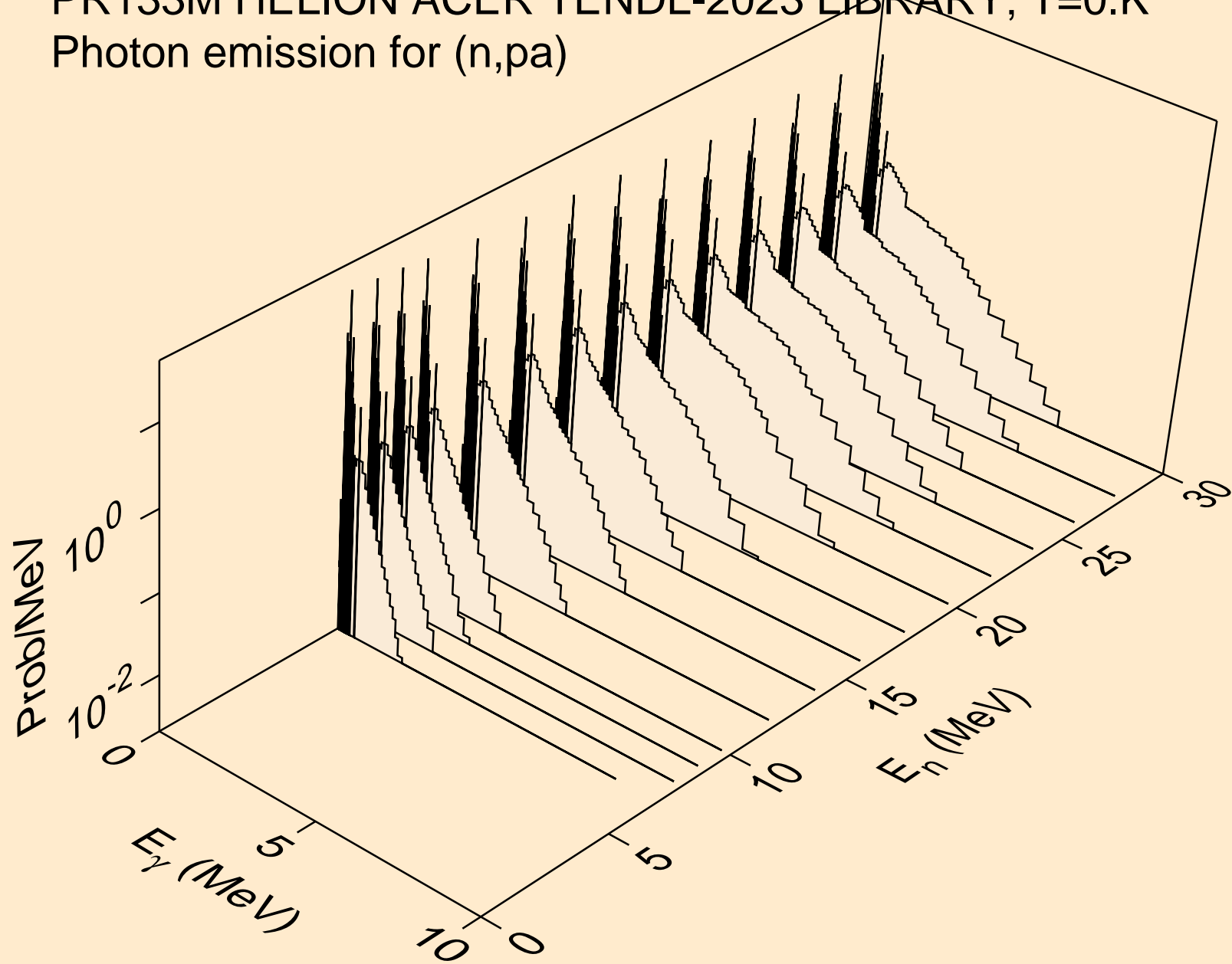
PR133M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



PR133M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)

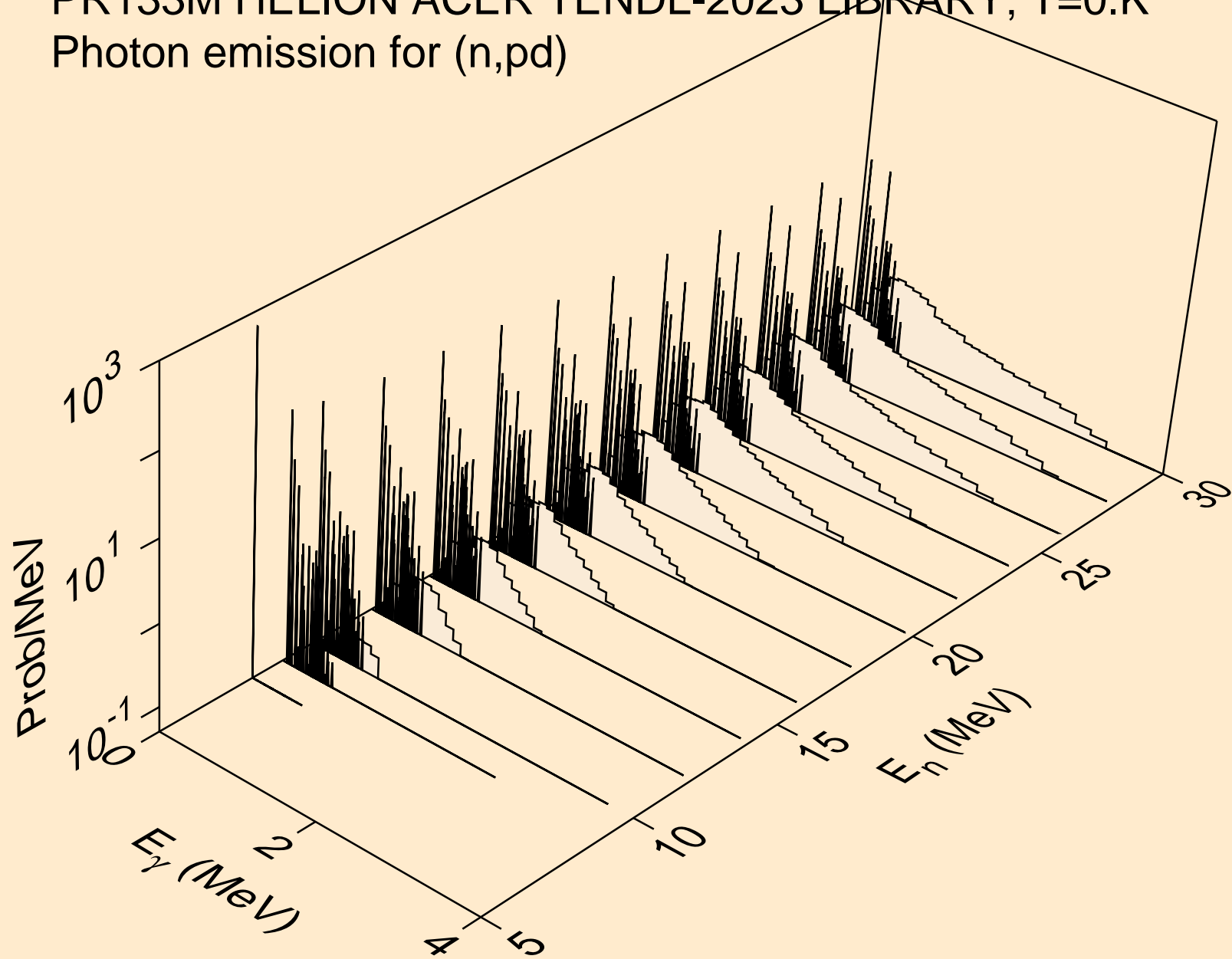


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Photon emission for (n,pa)

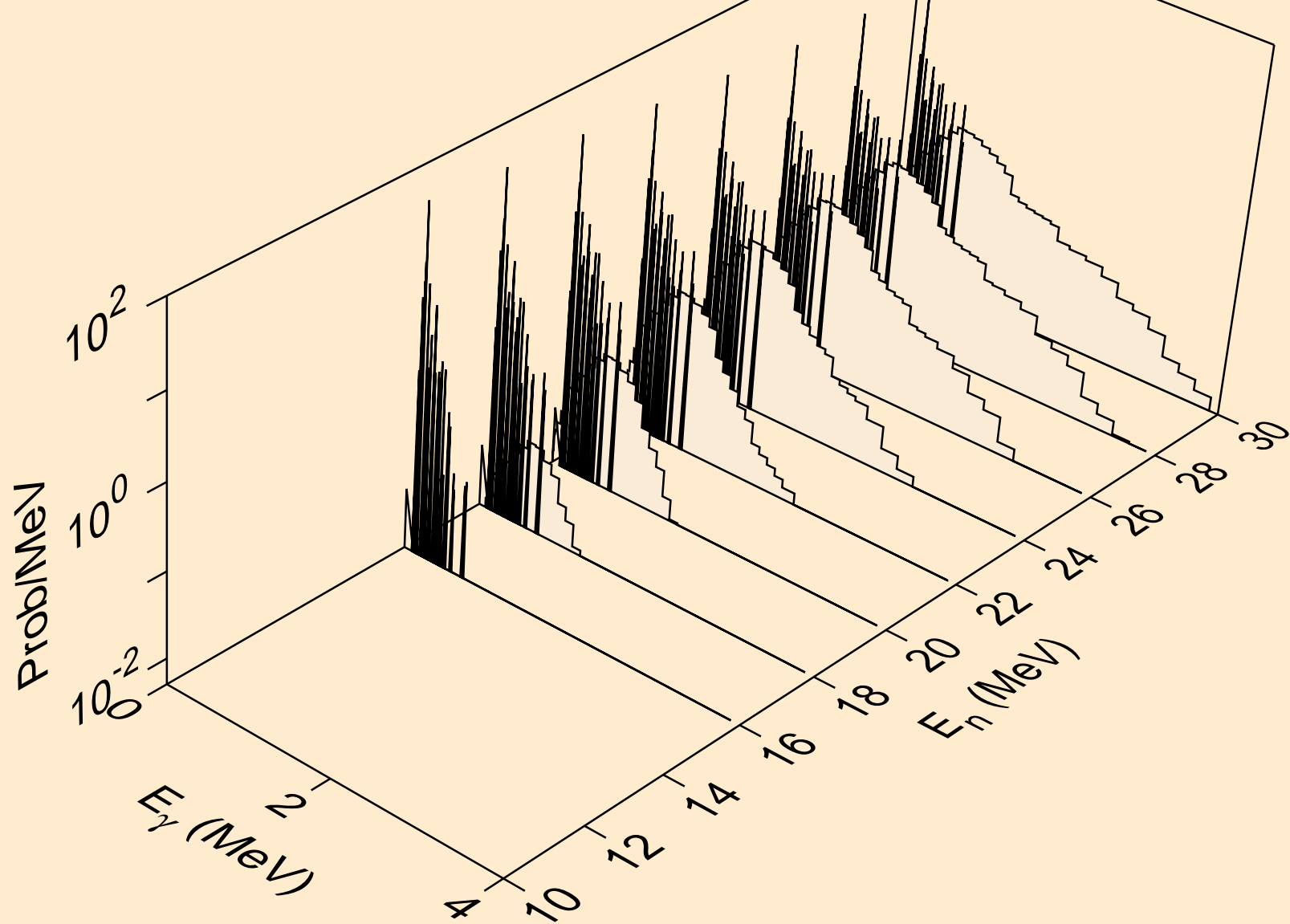




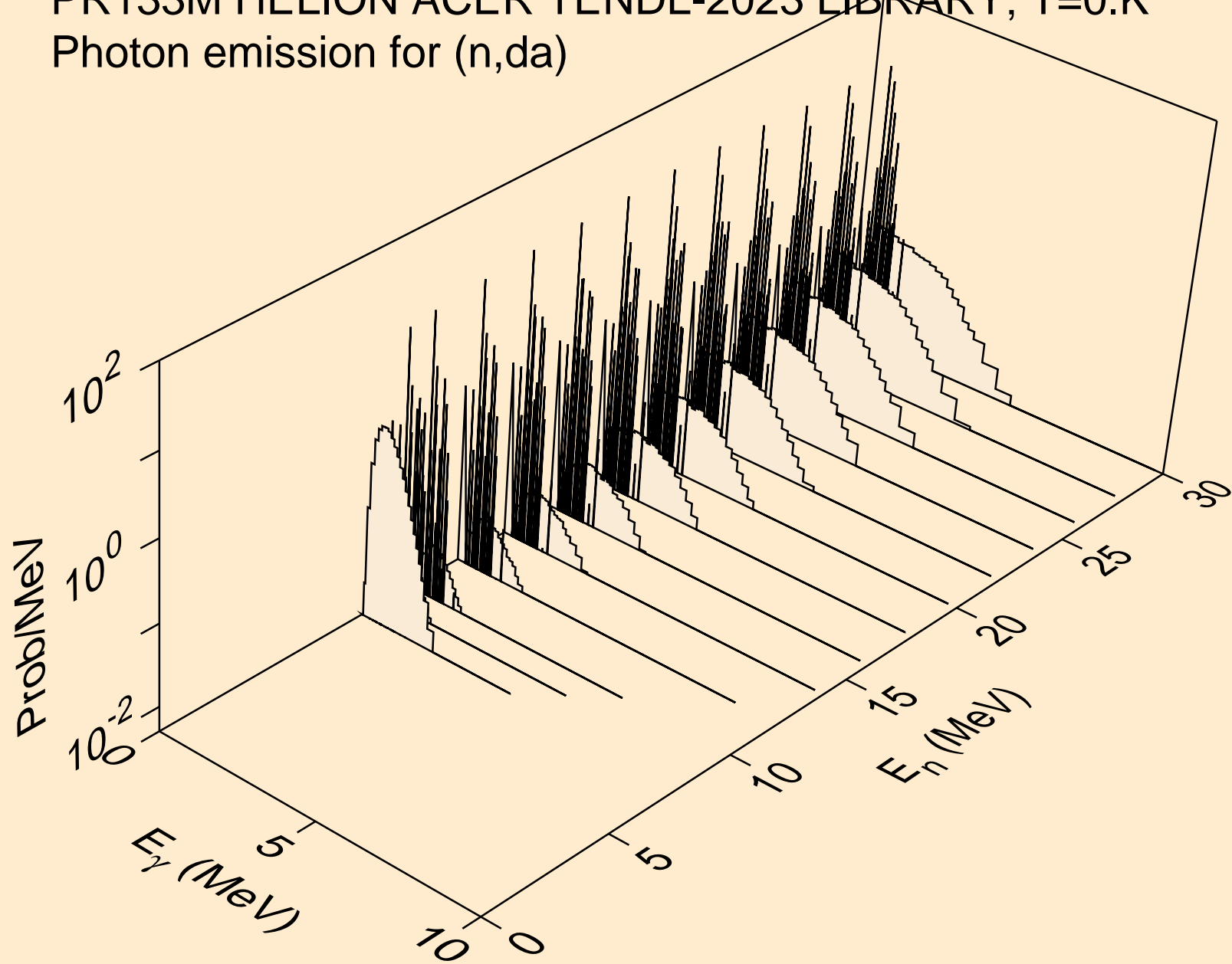
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Photon emission for (n,pd)



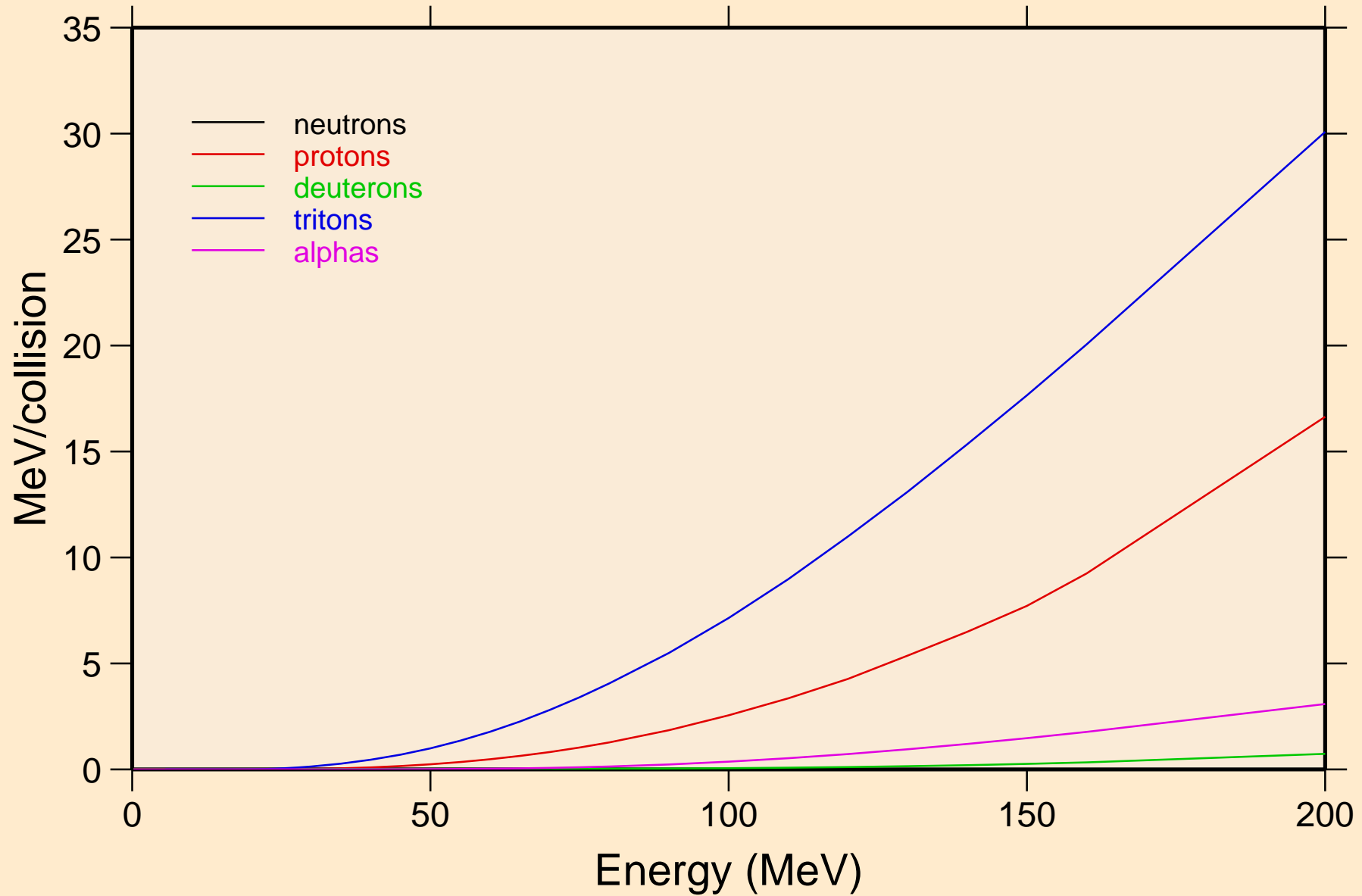
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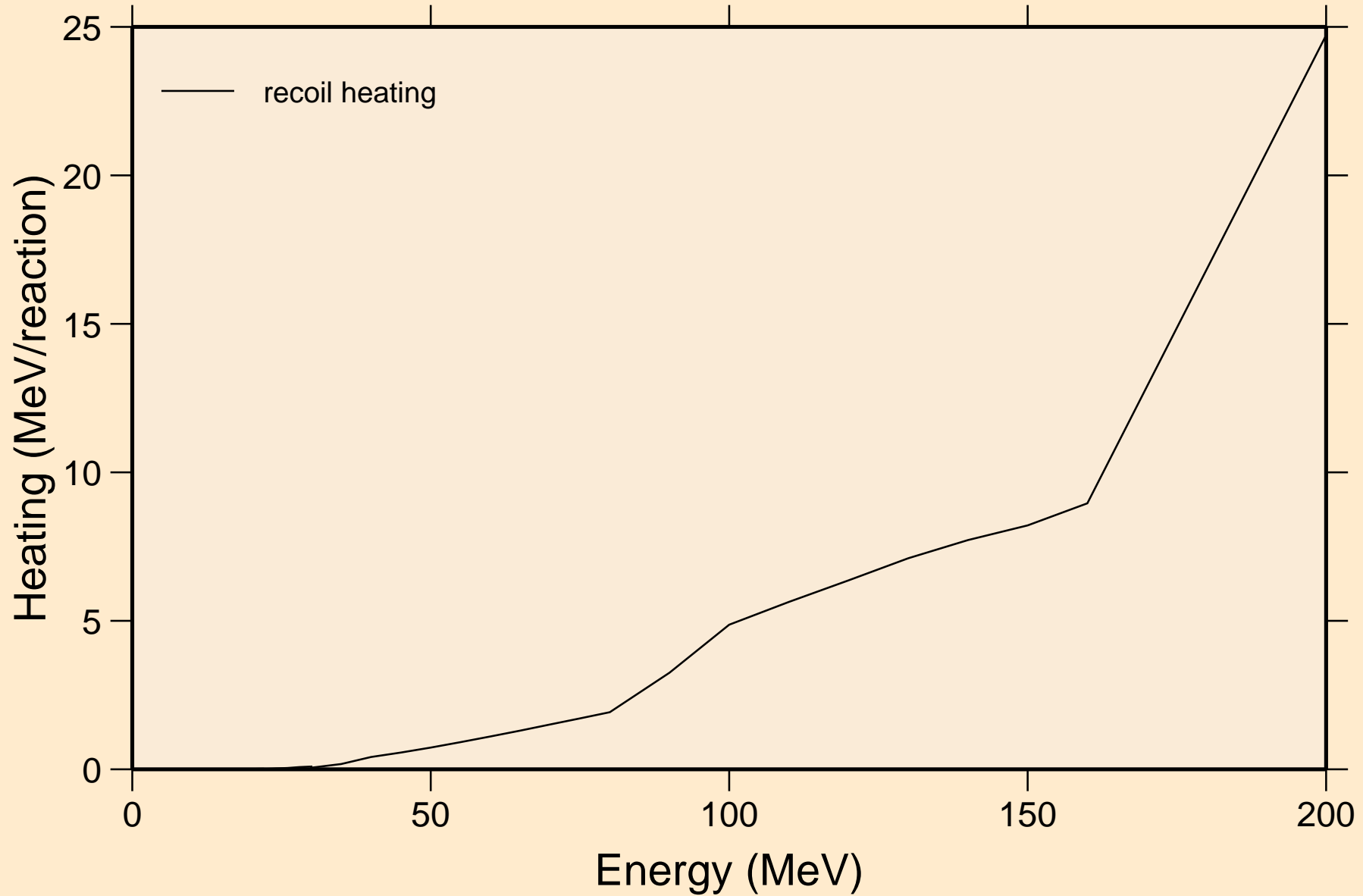
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Photon emission for (n,da)



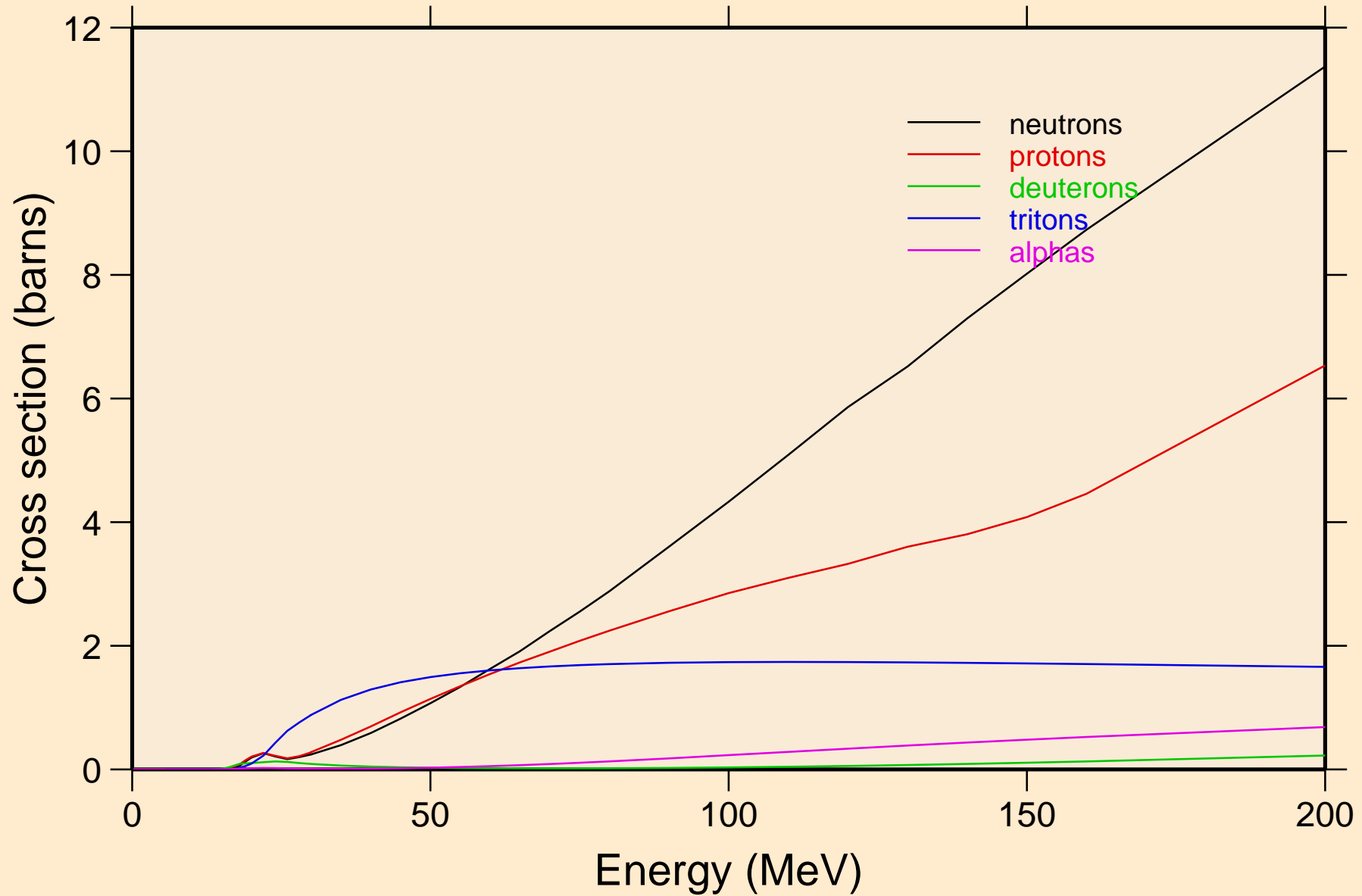
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Particle heating contributions



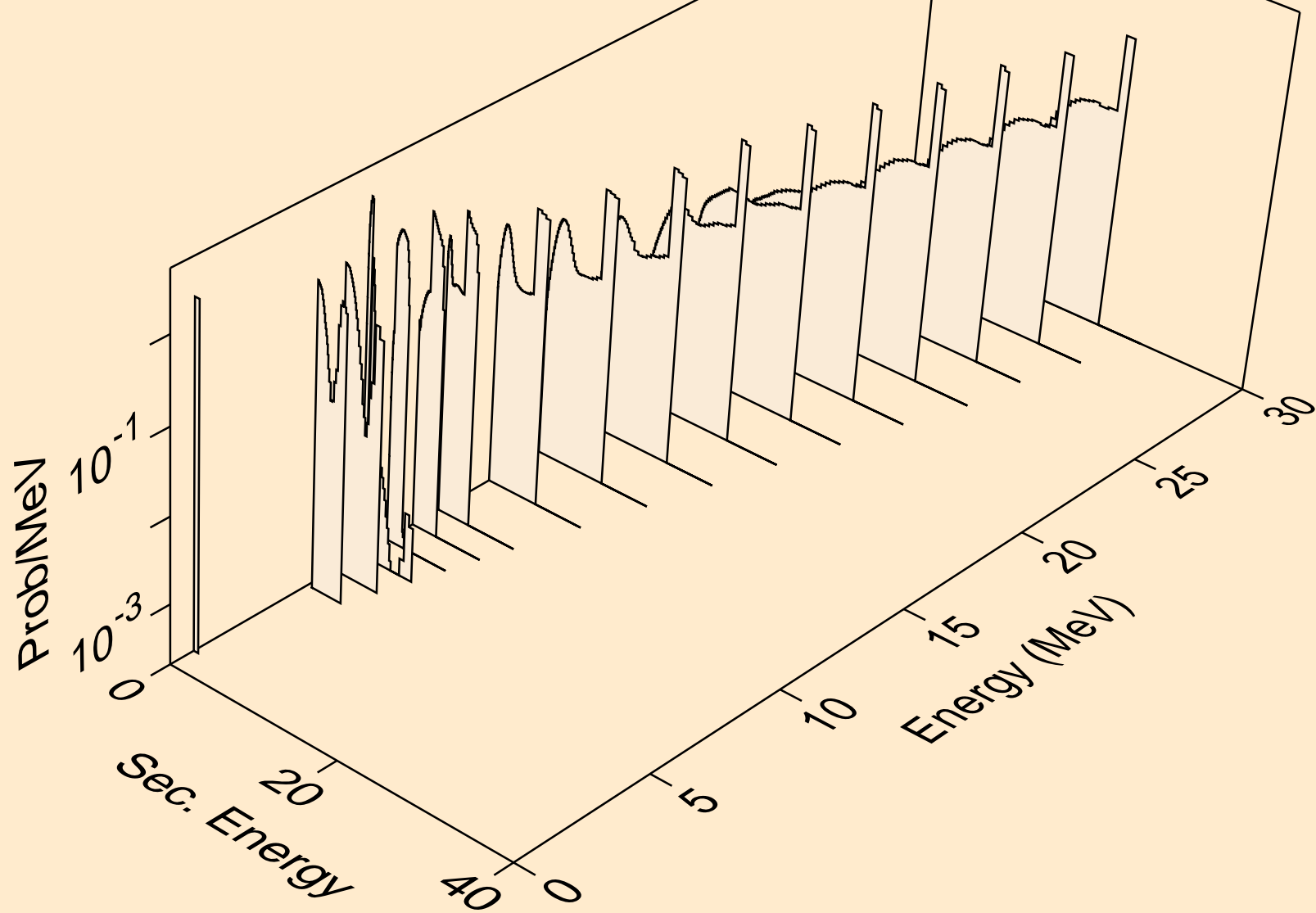
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Recoil Heating



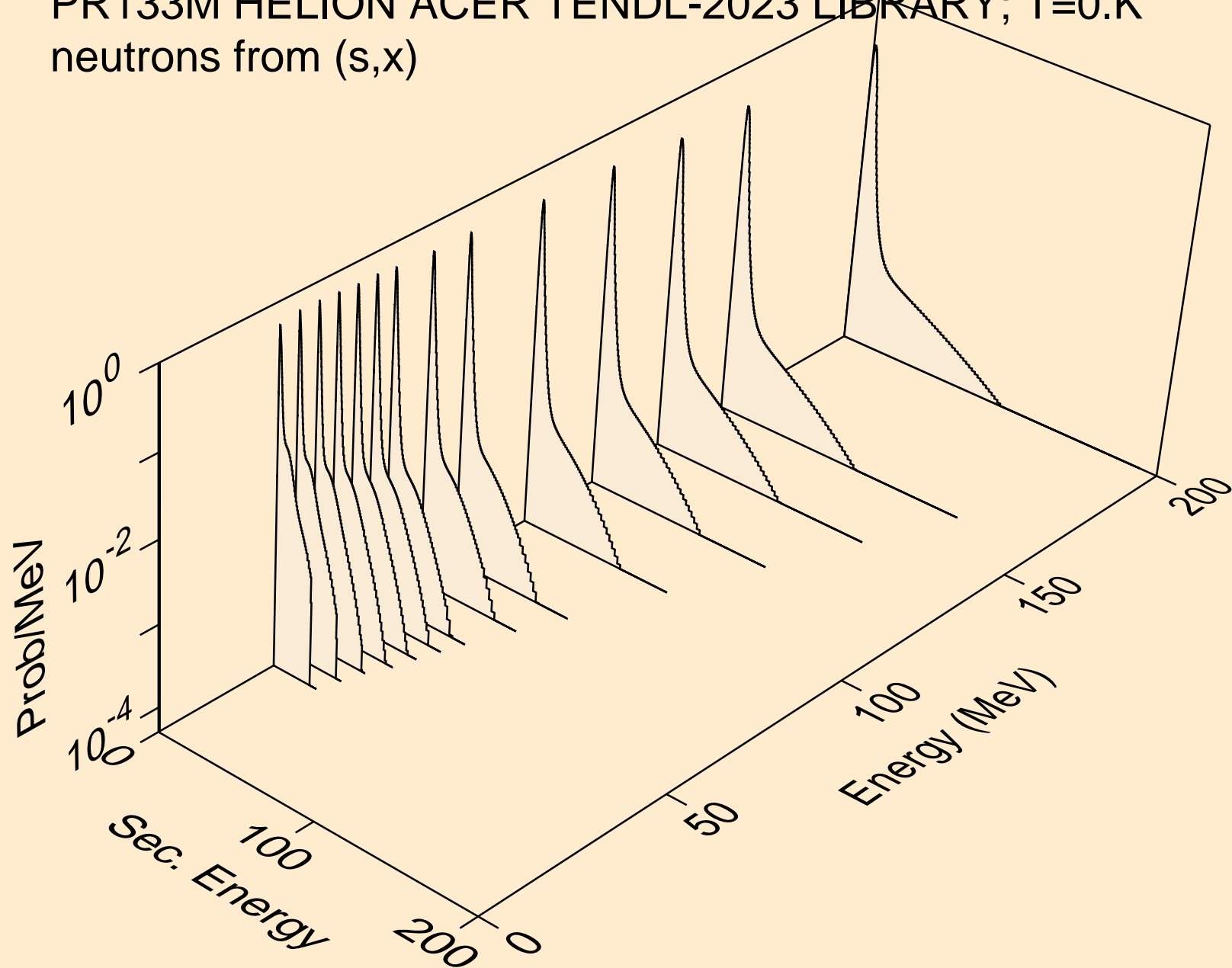
PR133M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



PR133M HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n)

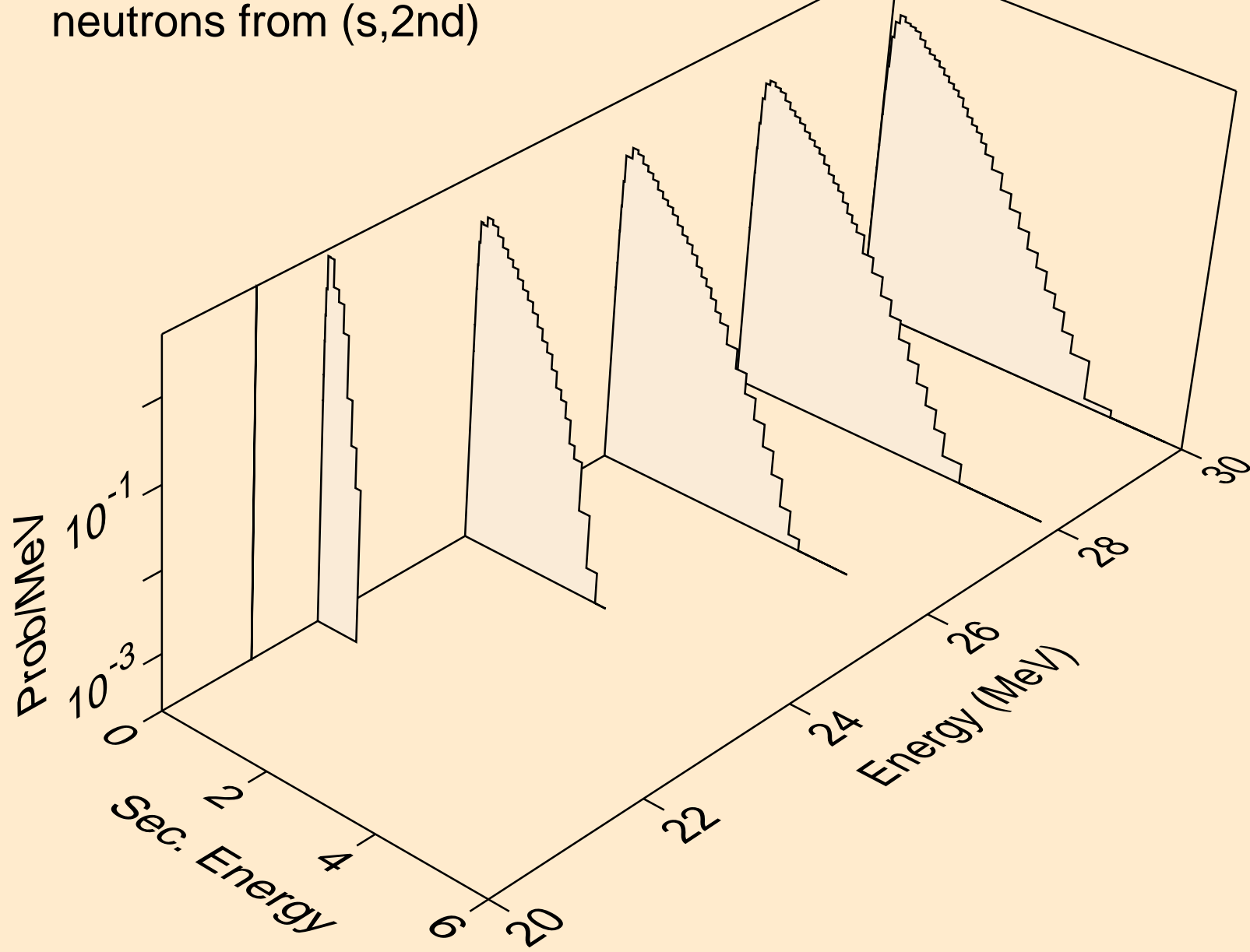


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neutrons from (s,x)

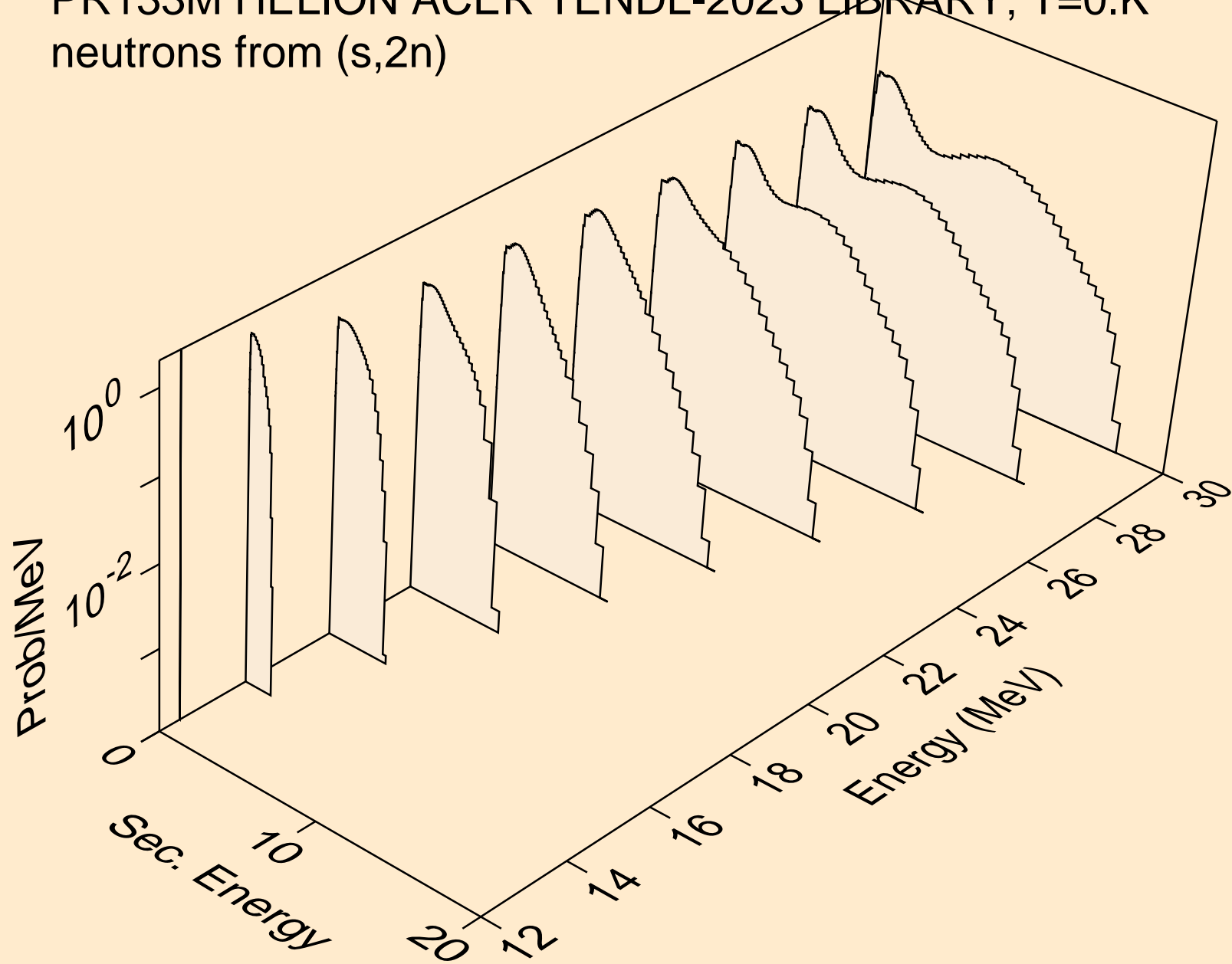




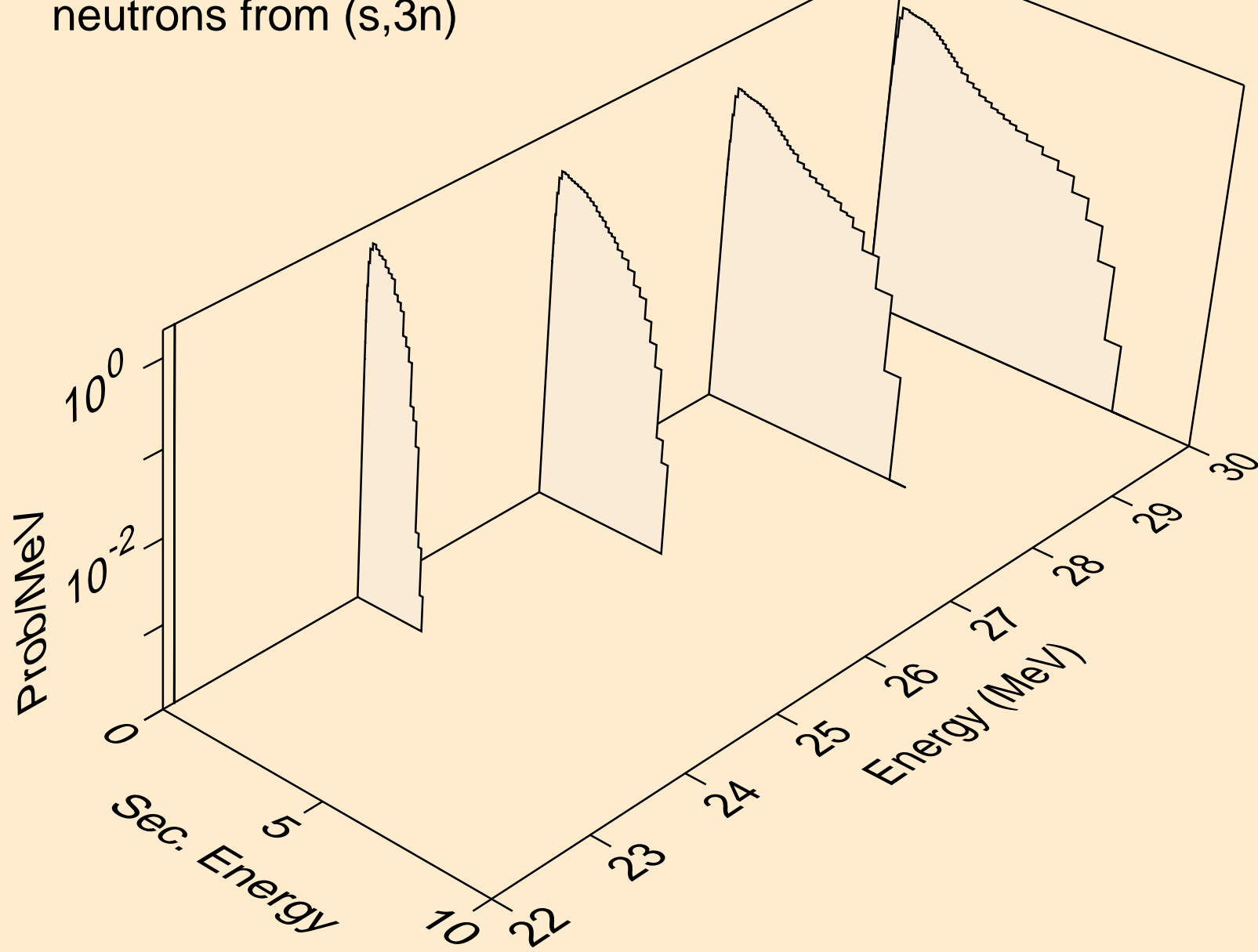
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neutrons from (s,2nd)



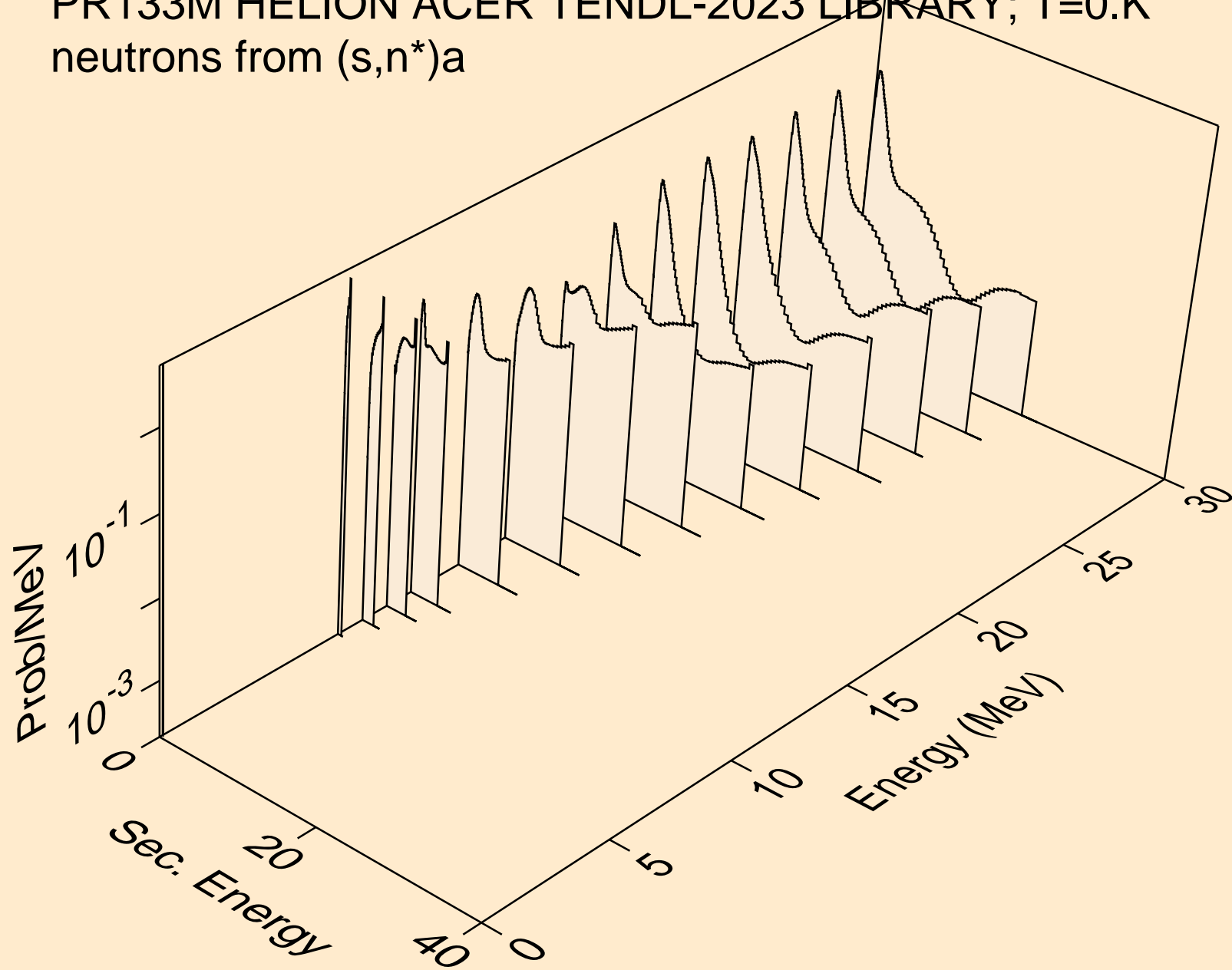
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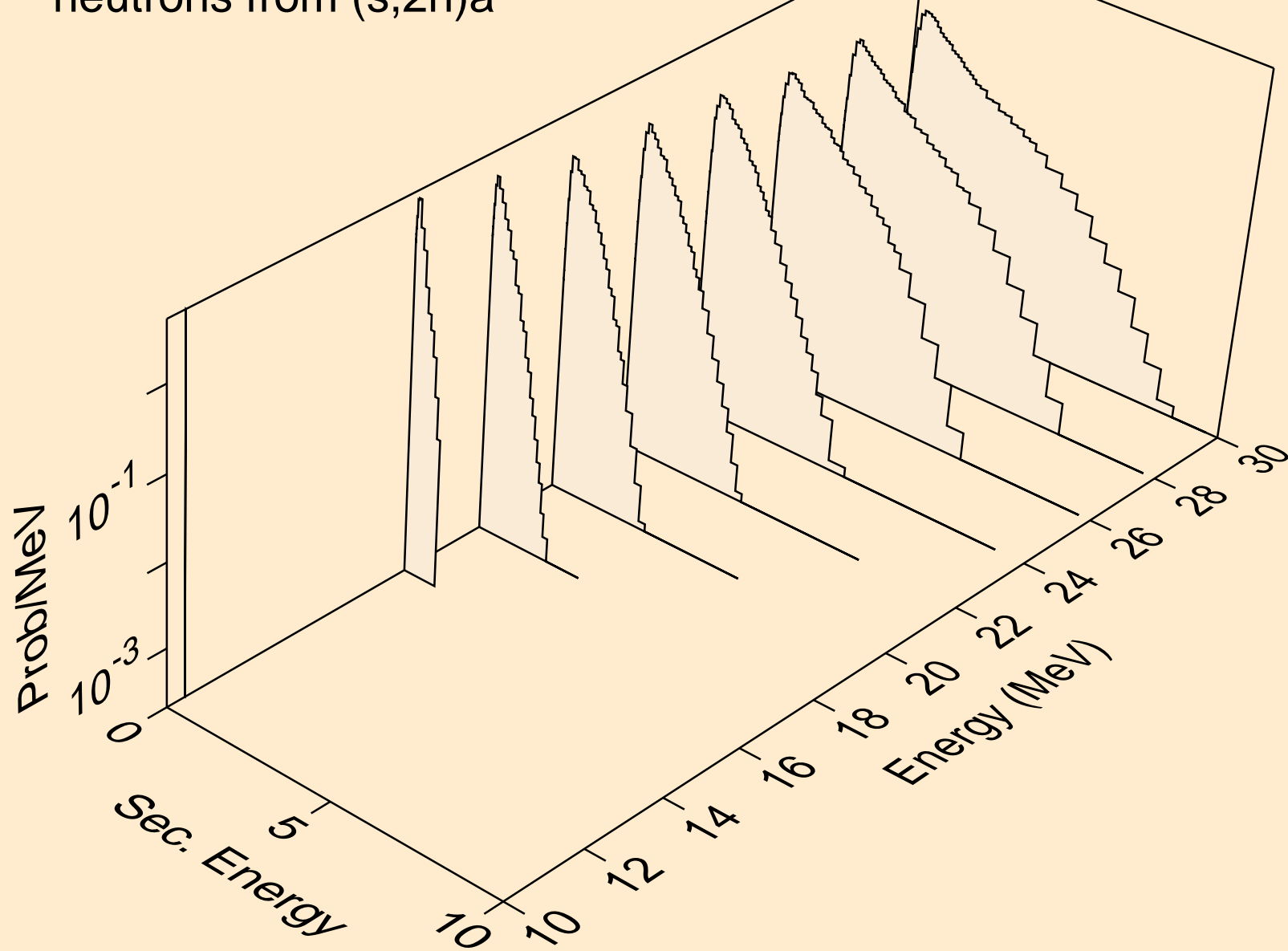
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neutrons from (s,3n)



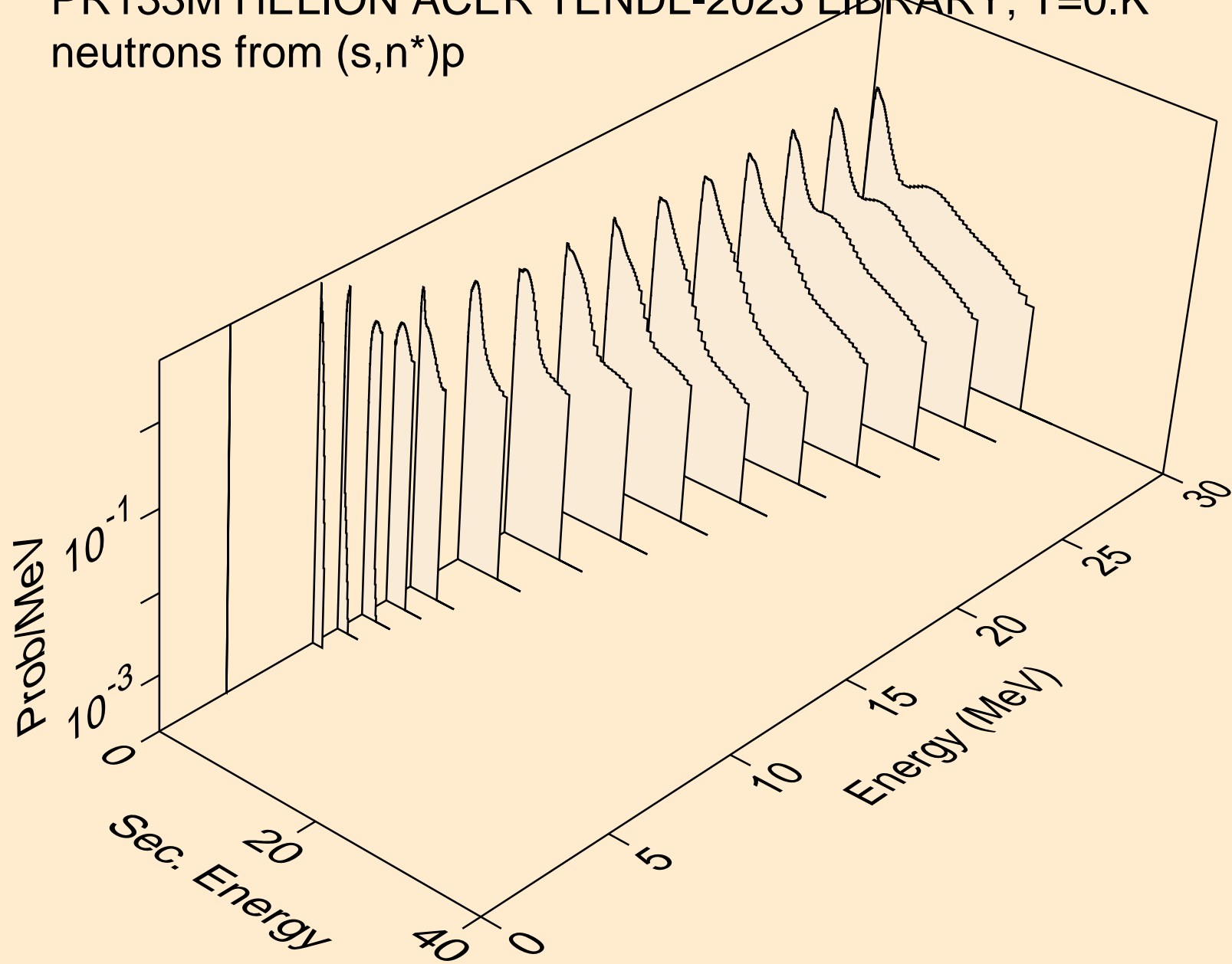
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neutrons from (s,n\*)a



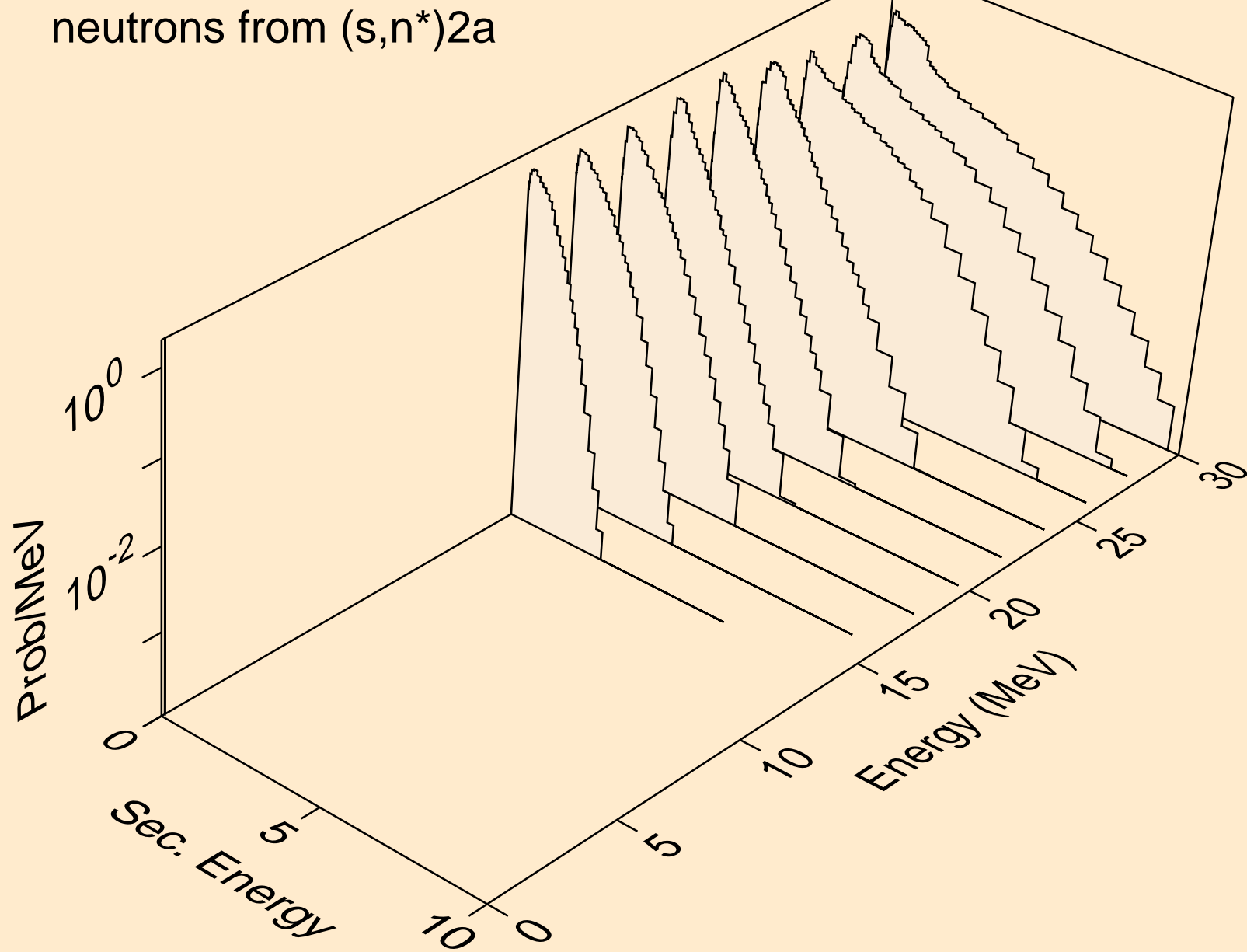
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neutrons from (s,2n)a



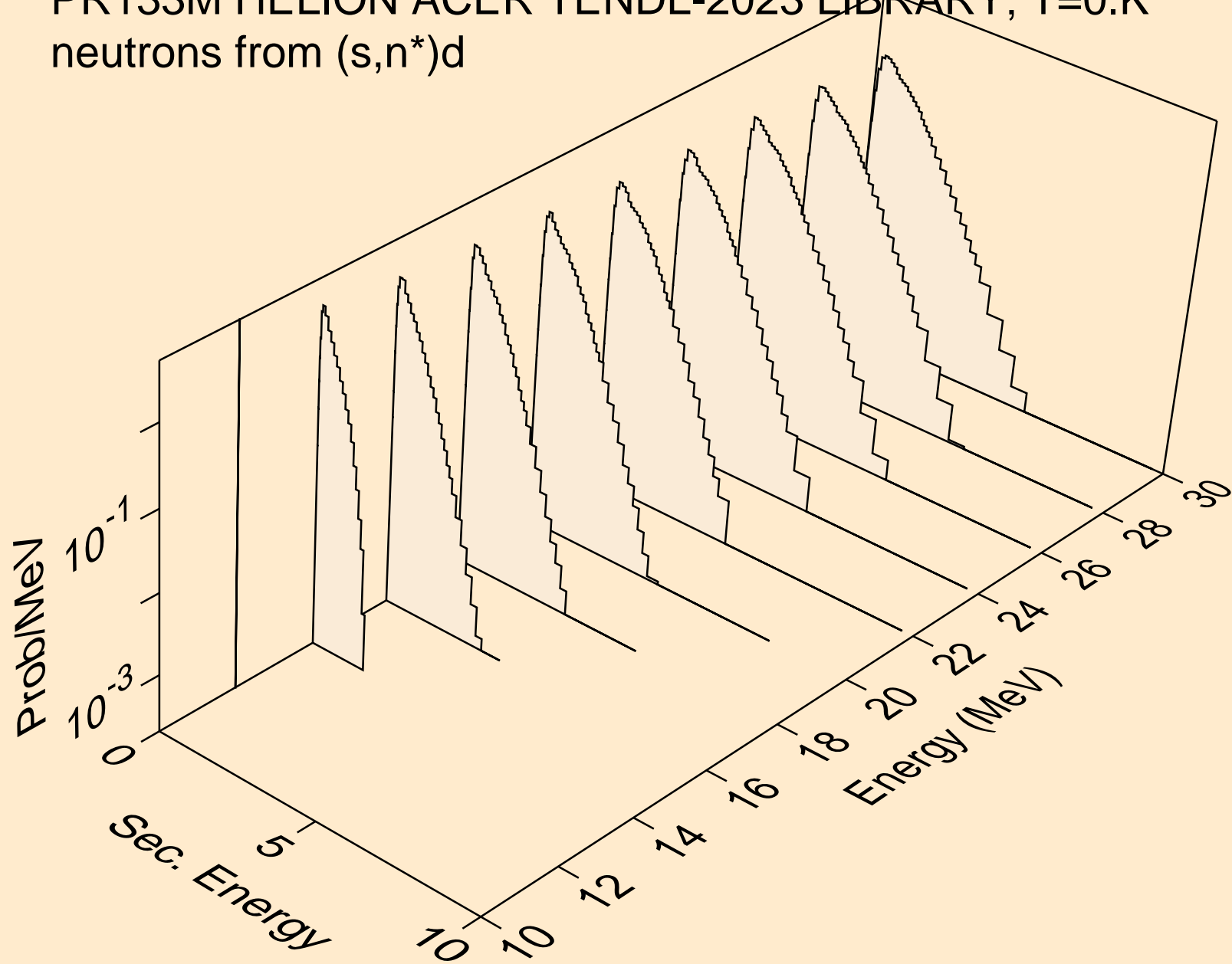
PR133M HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)p



PR133M HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)2a

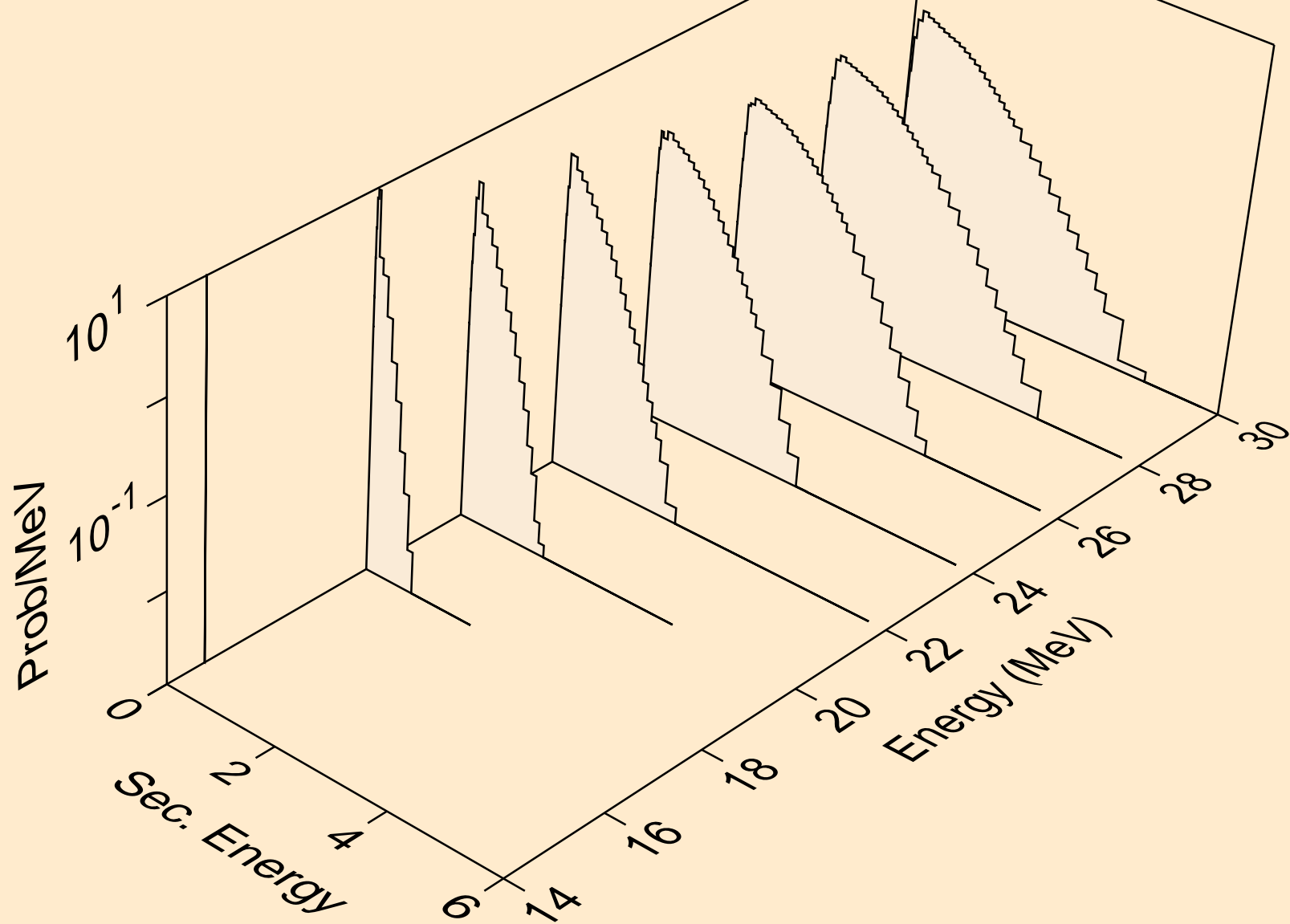


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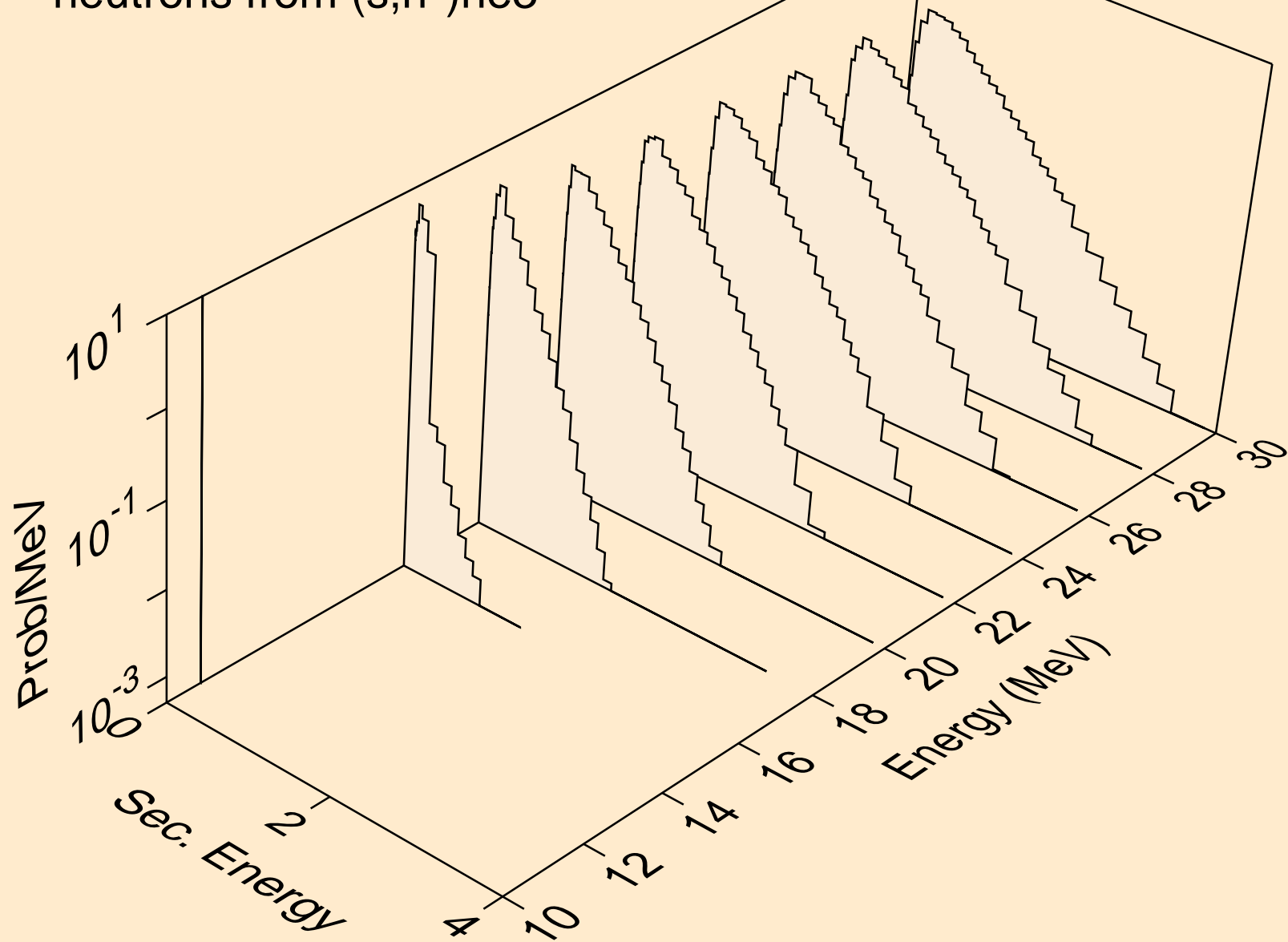




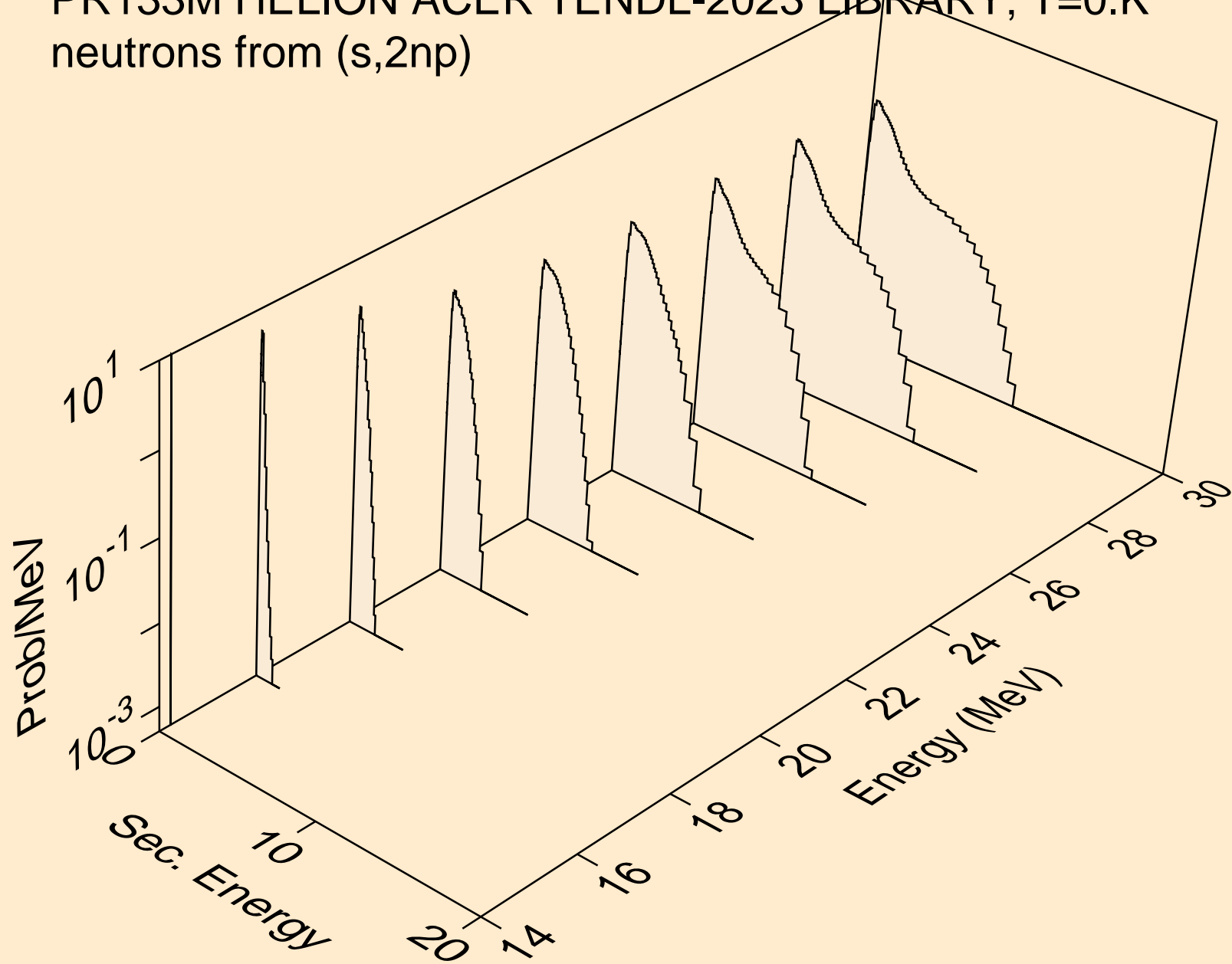
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neutrons from (s,n\*)t



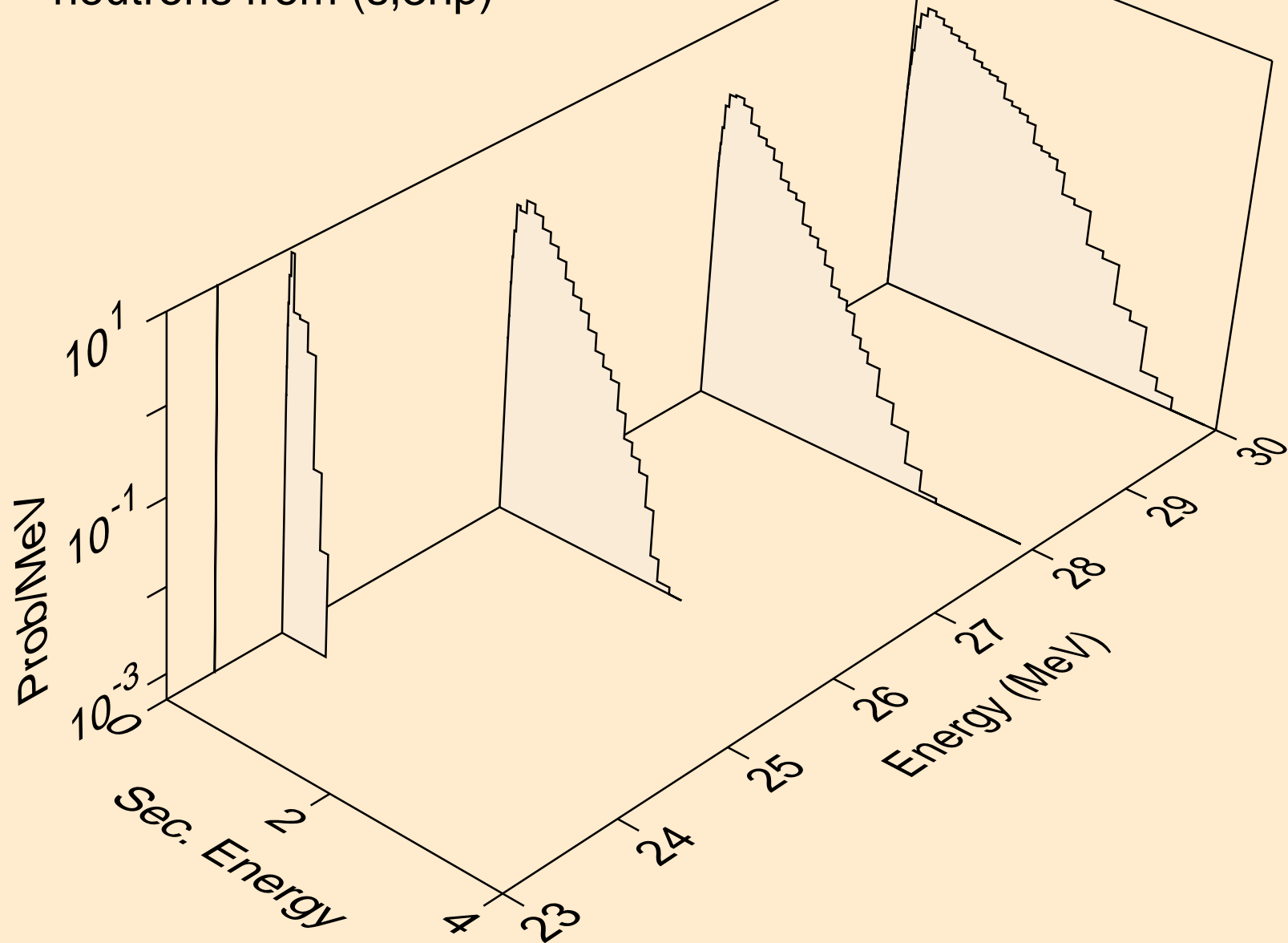
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neutrons from (s,n\*)he3



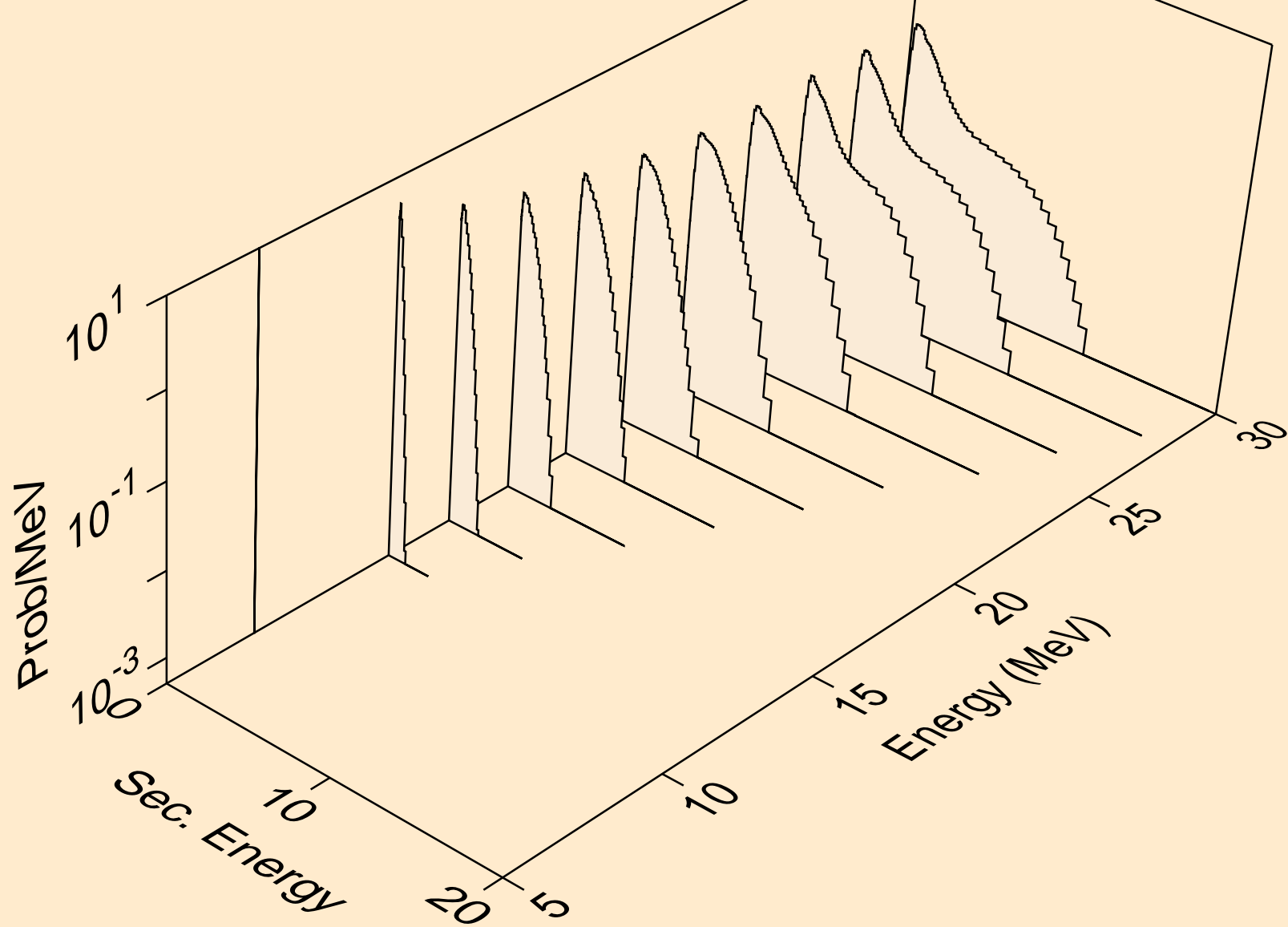
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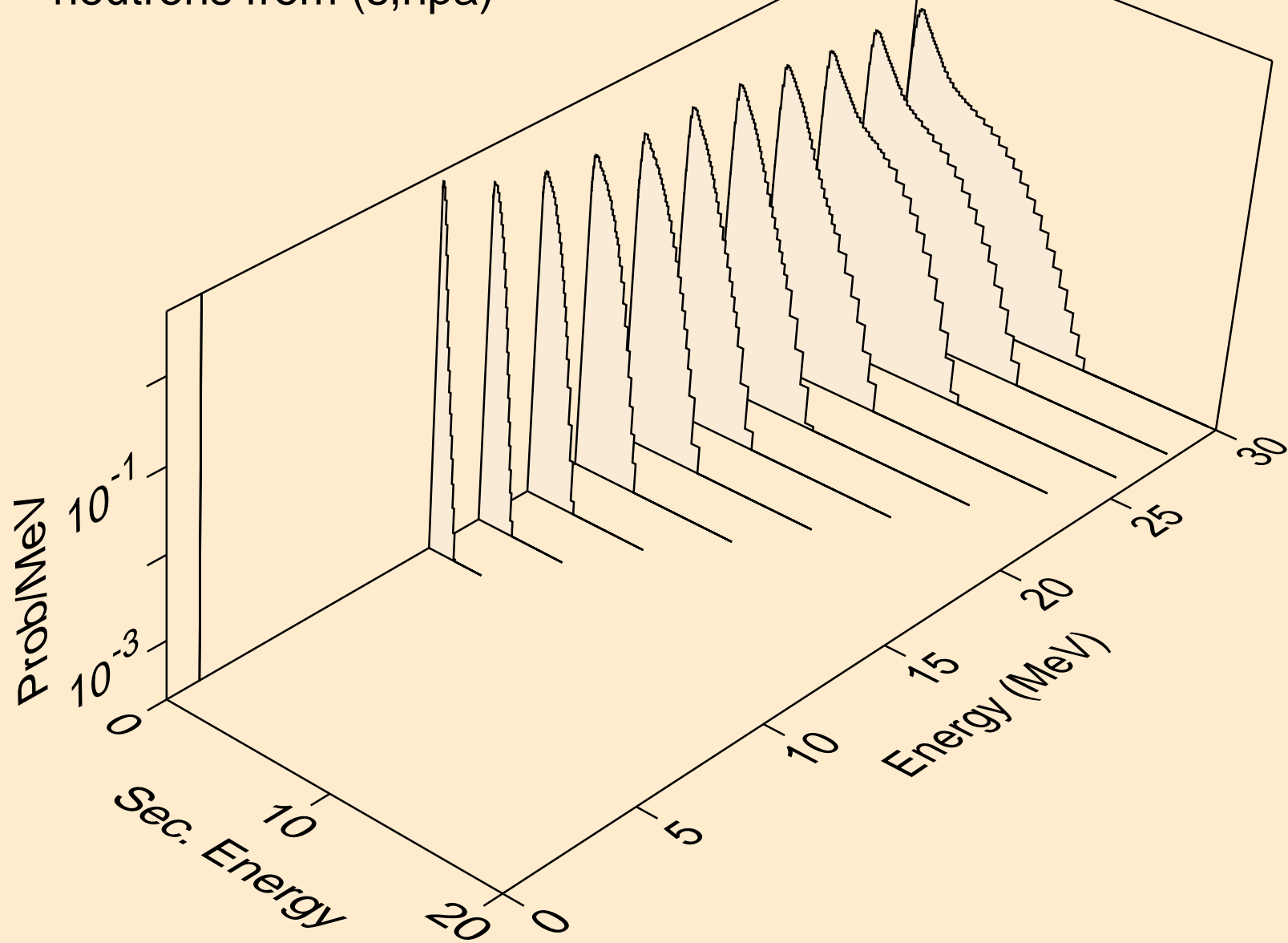
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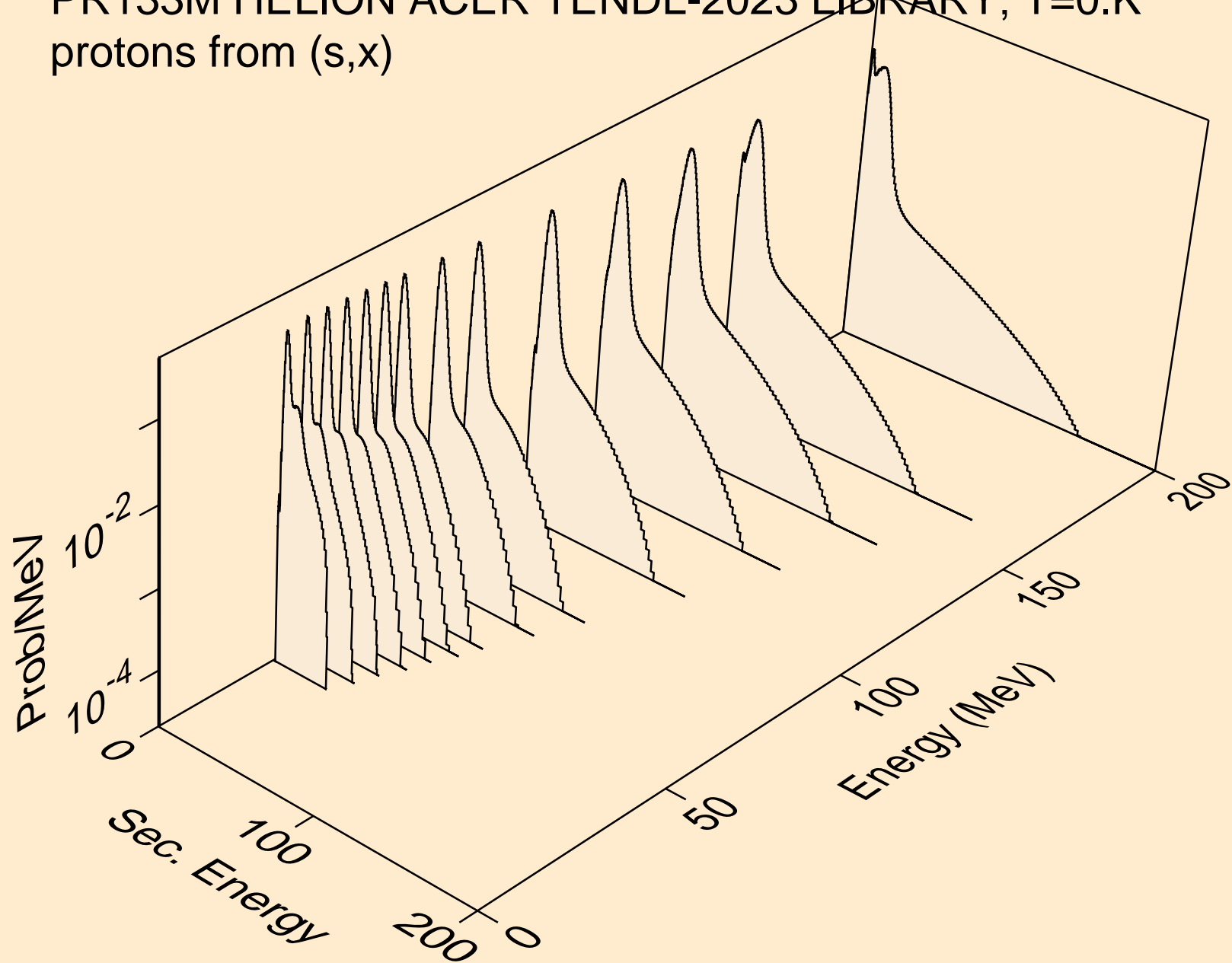
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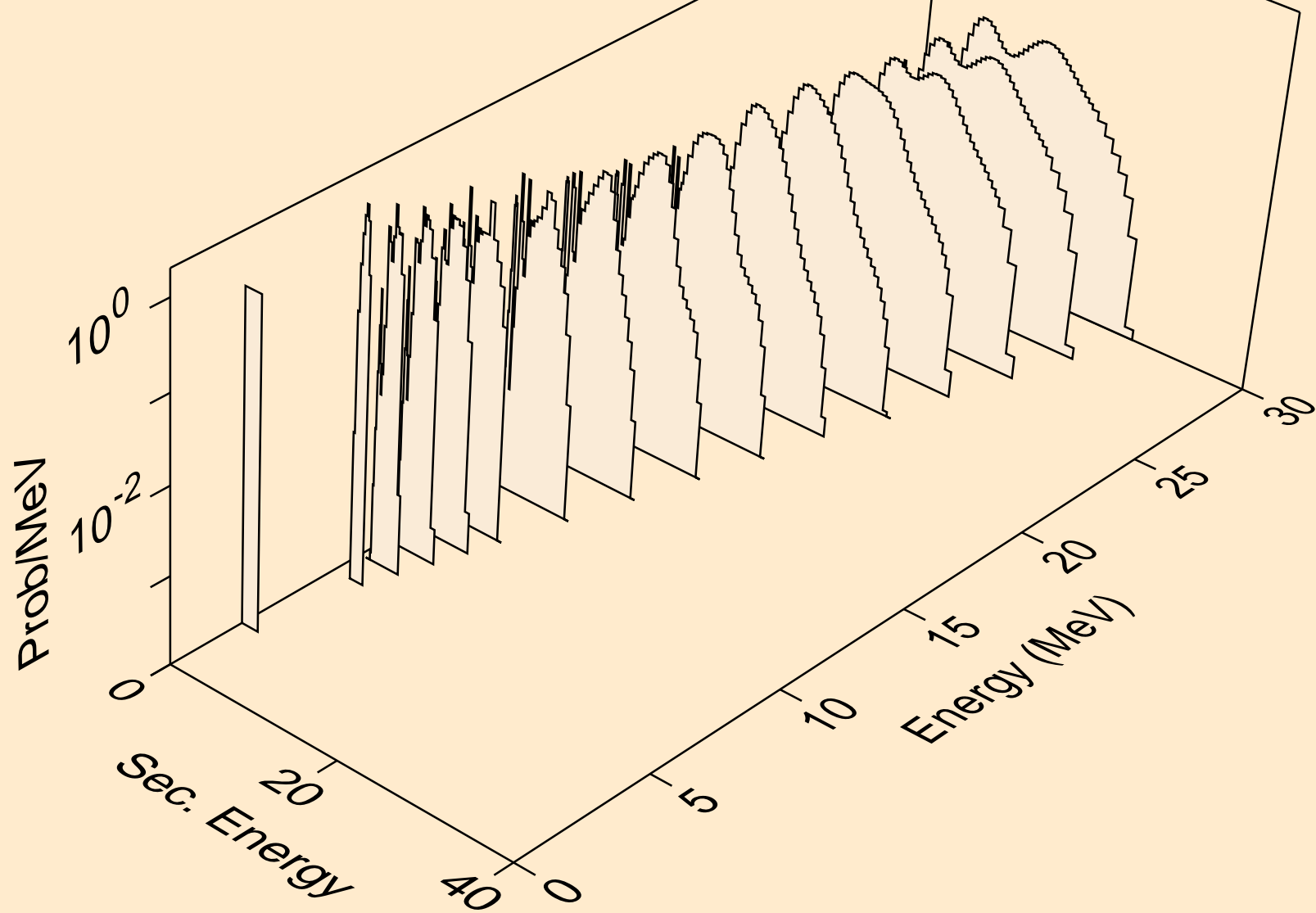
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neutrons from (s,npa)



PR133M HELION ACER TENDL-2023 LIBRARY; T=0.K  
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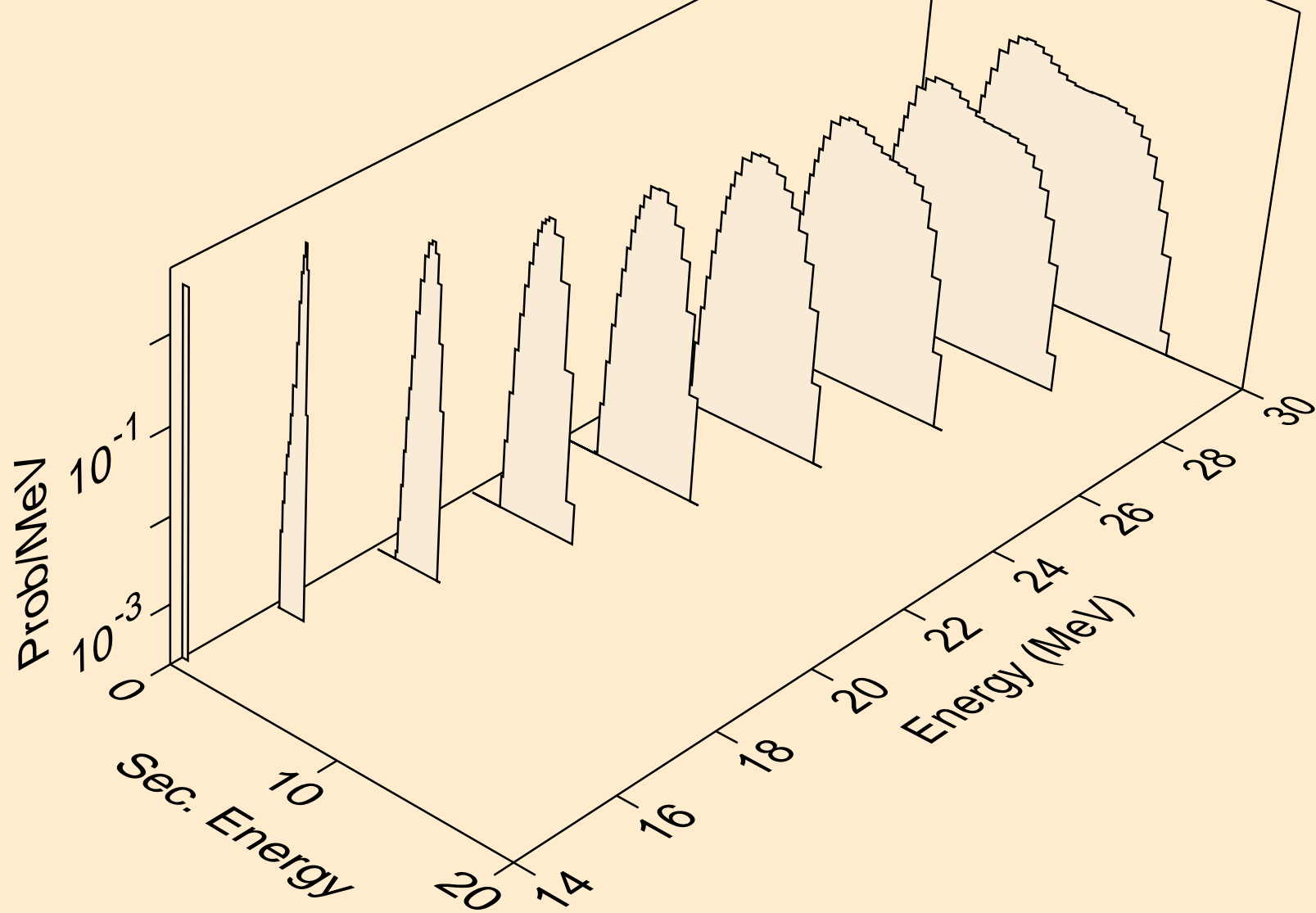


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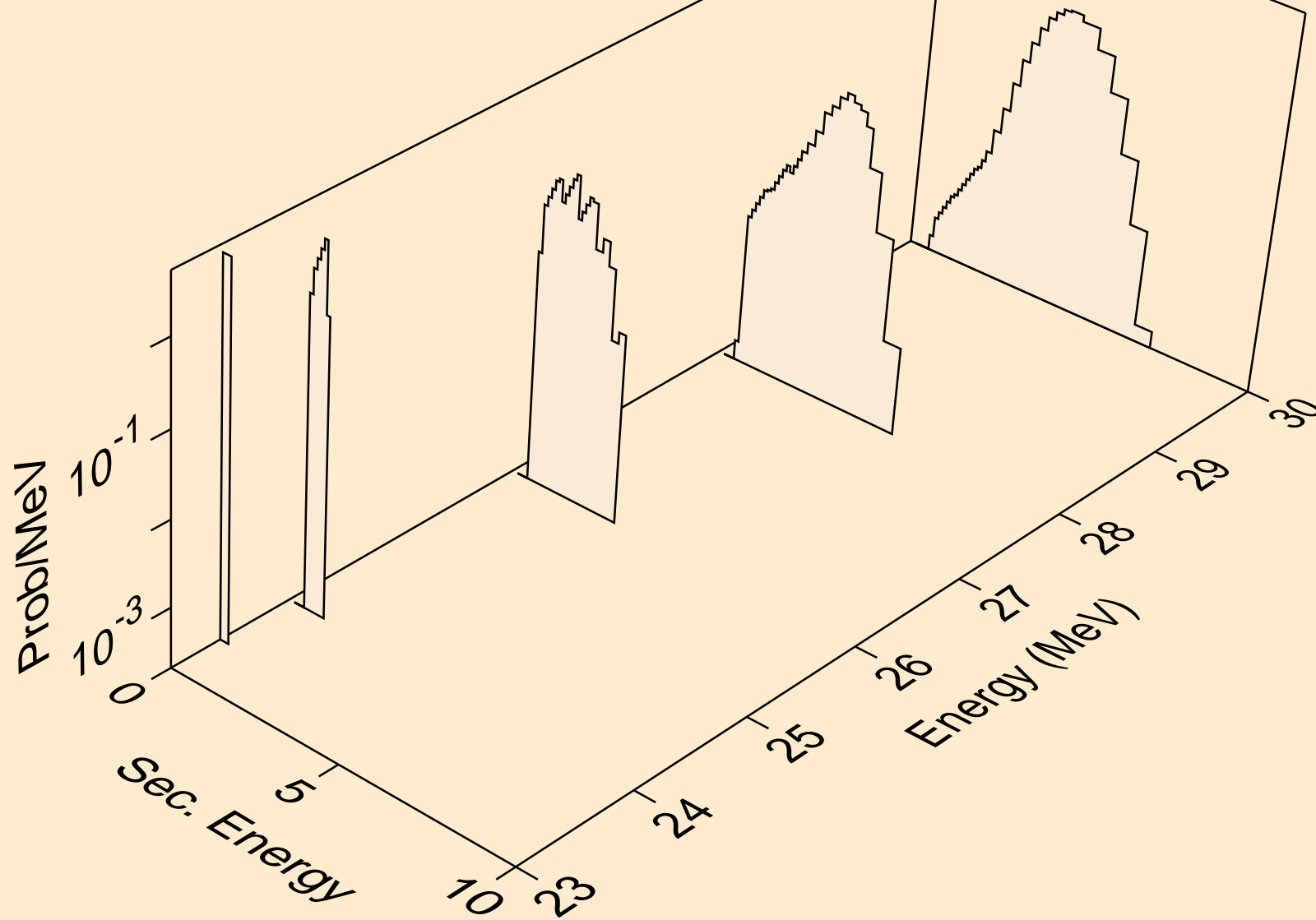




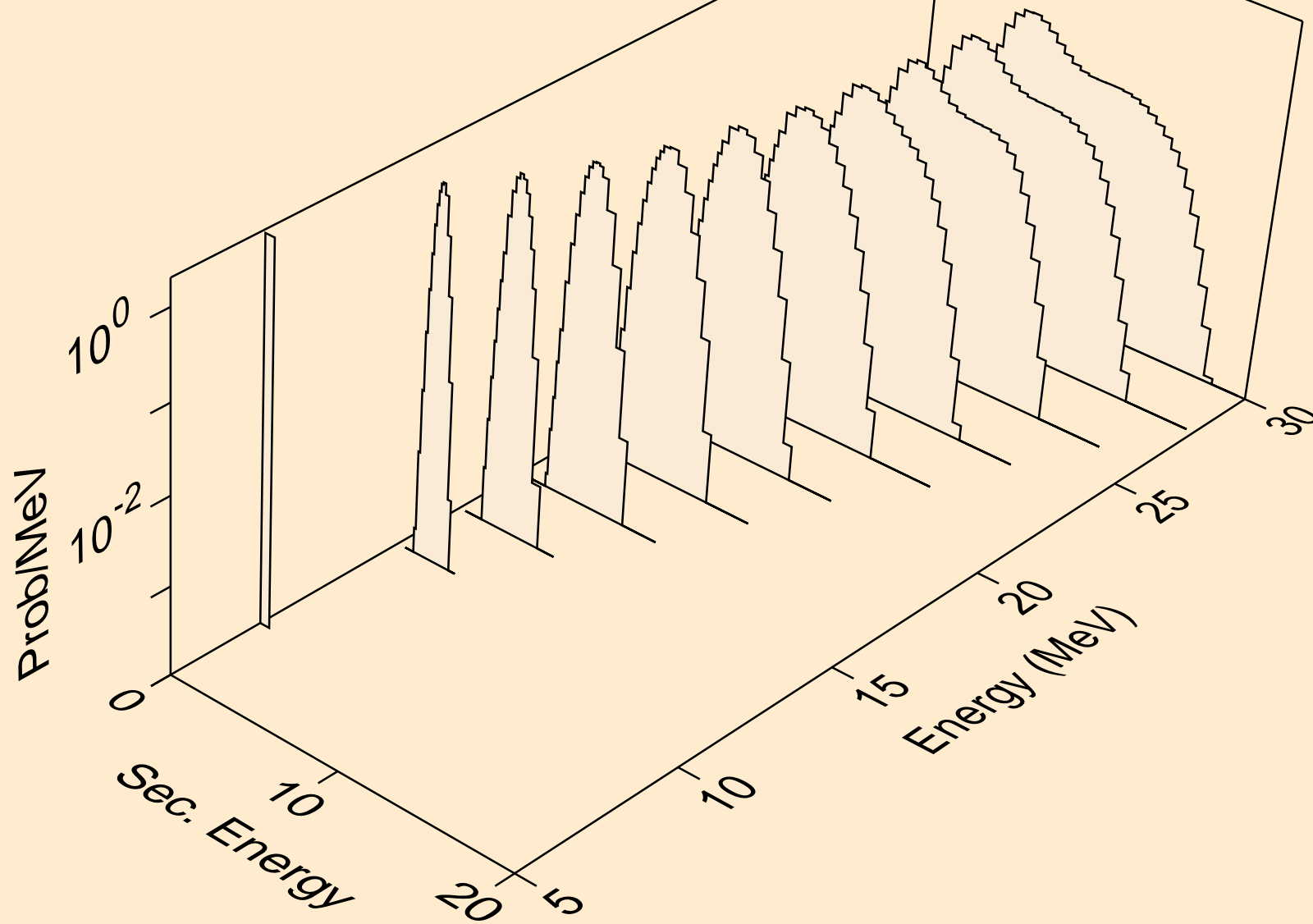
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protons from (s,2np)



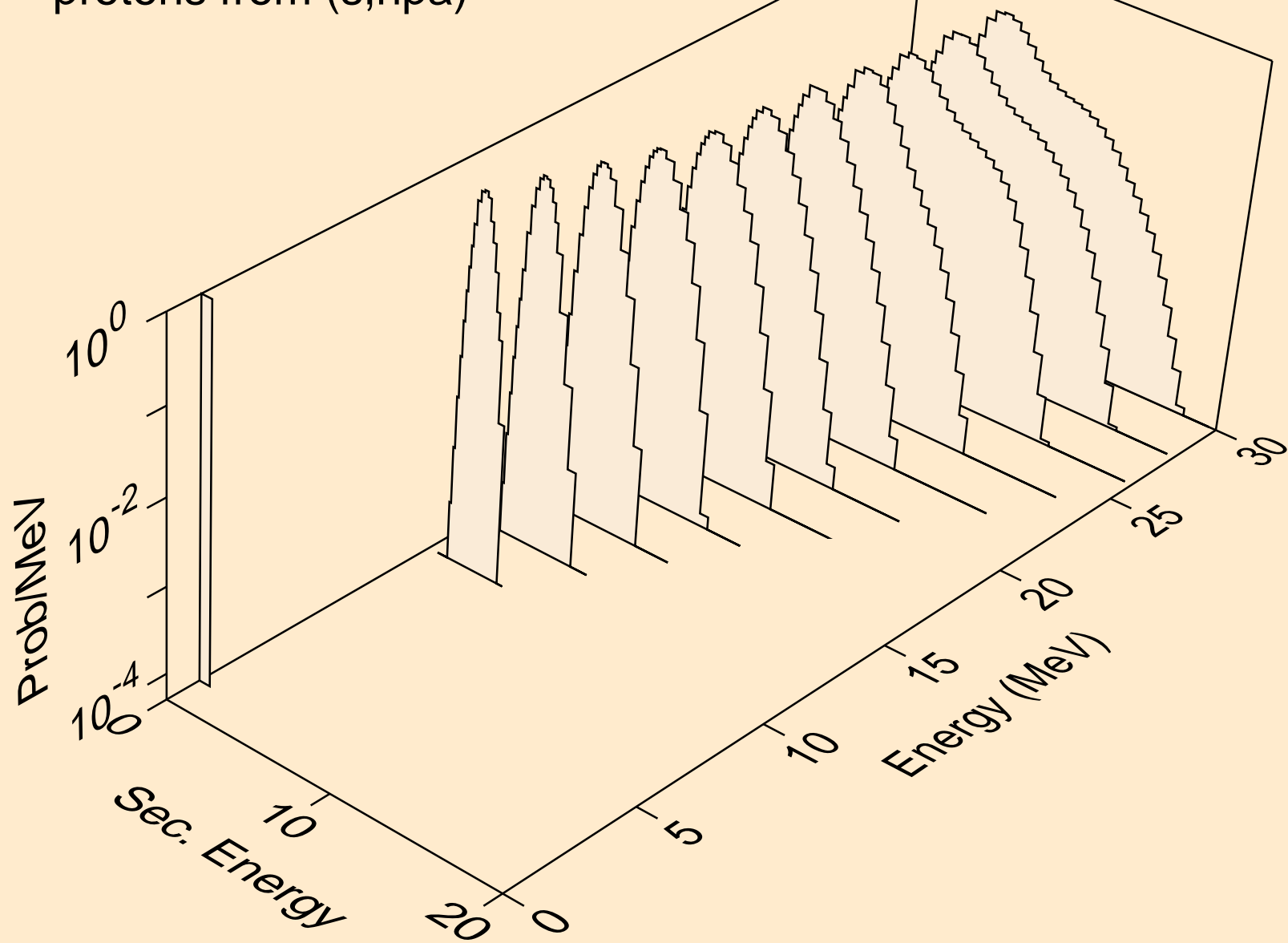
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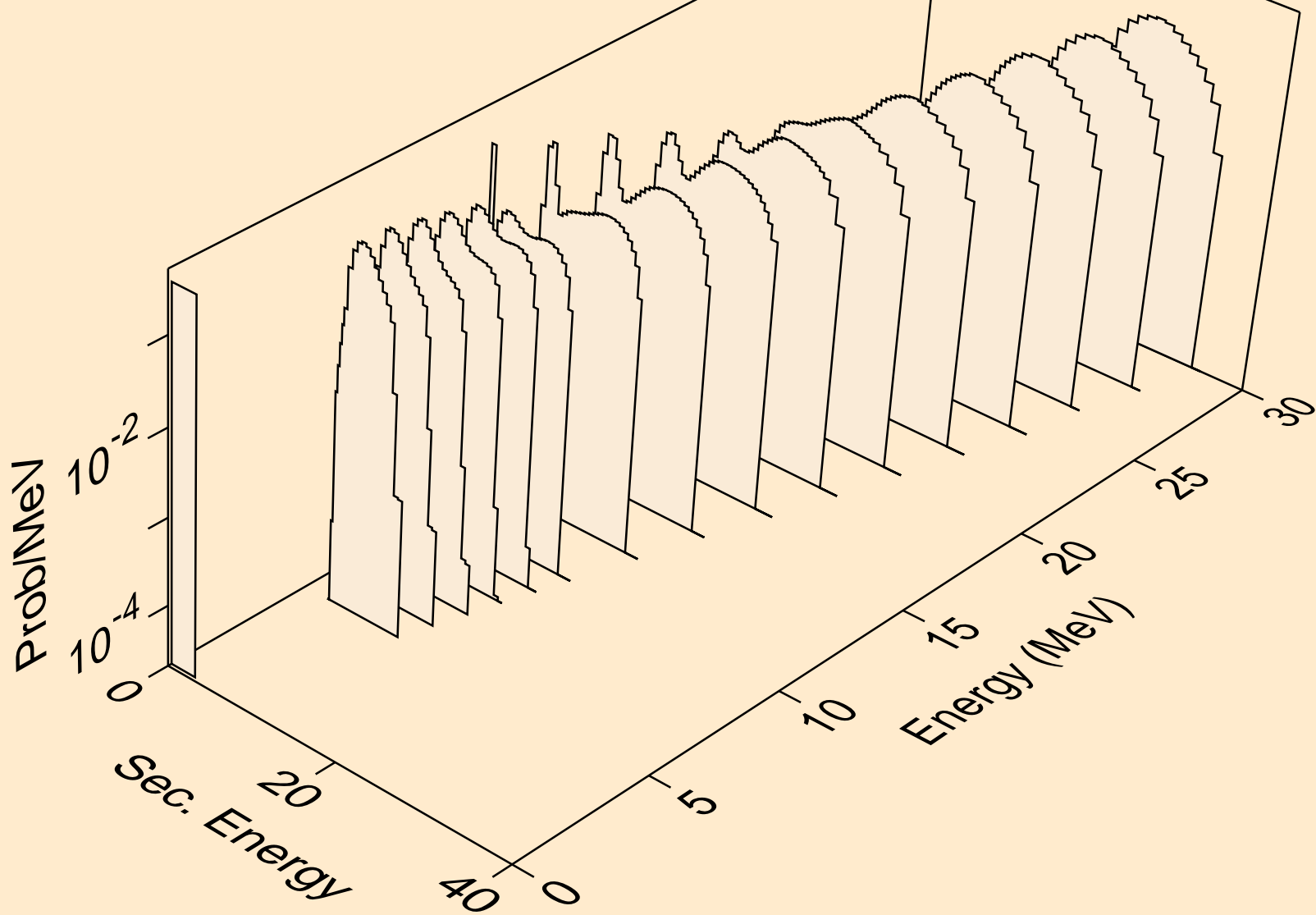
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protons from (s,n2p)



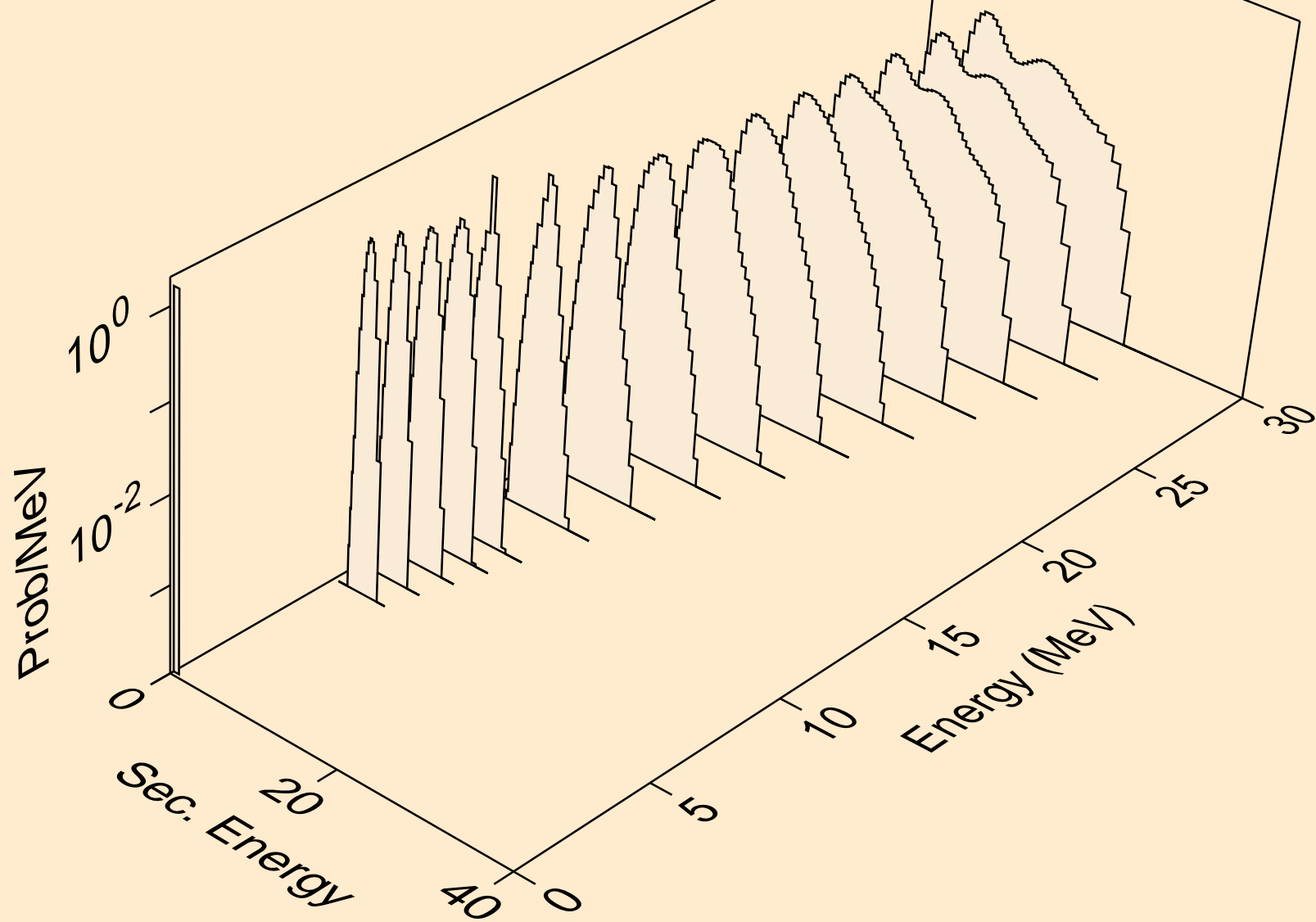
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protons from (s,npa)



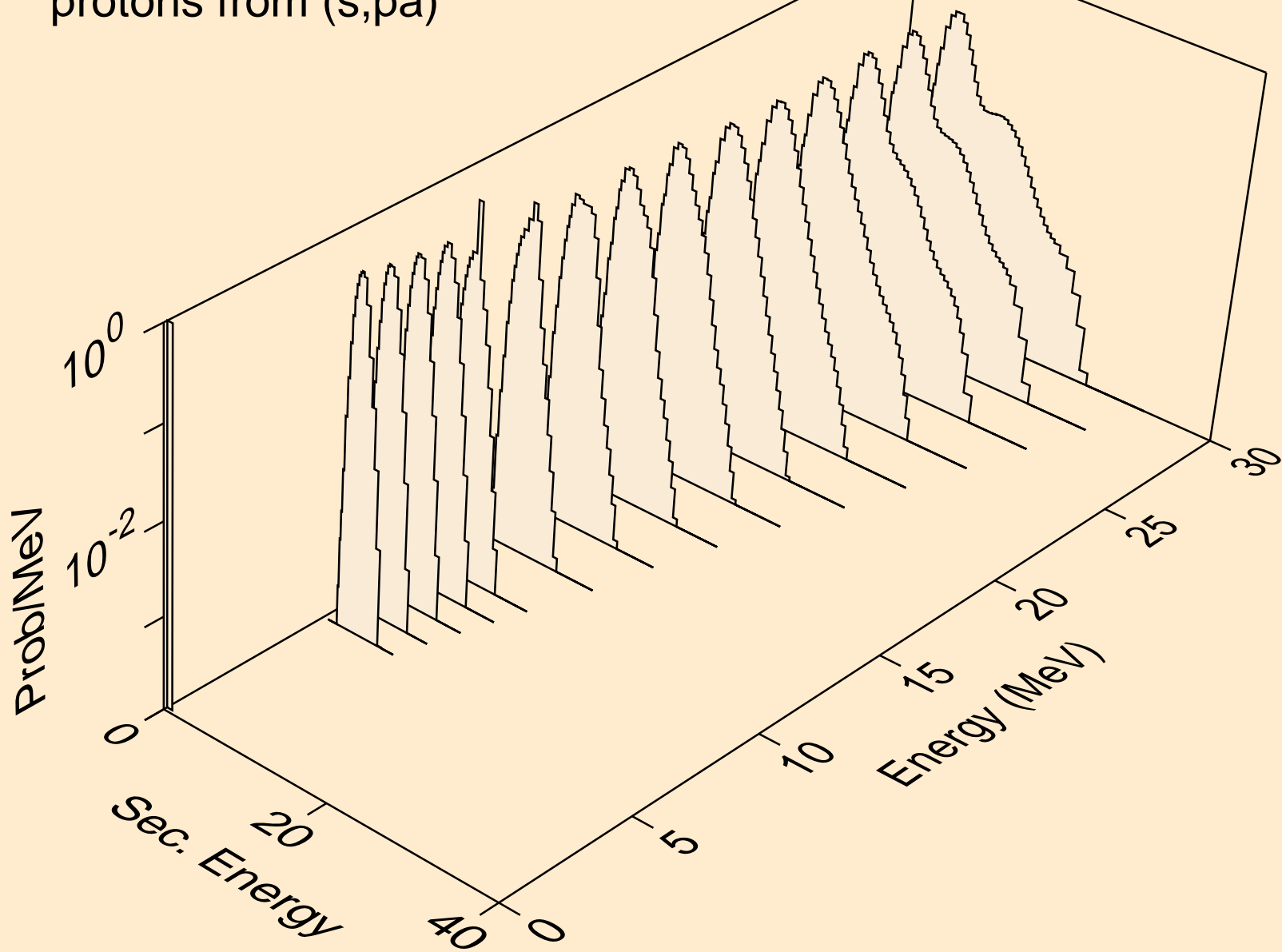
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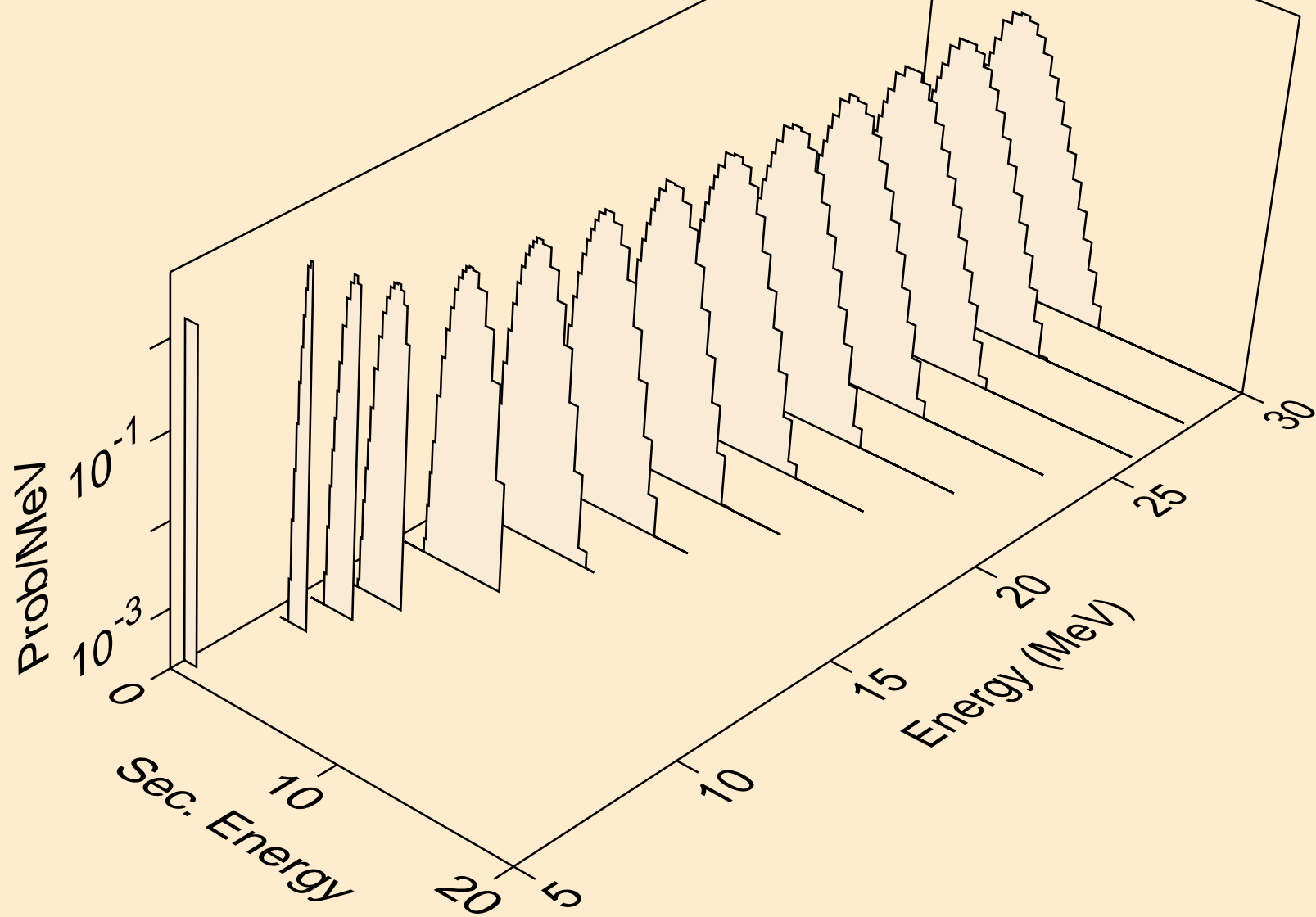
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protons from (s,2p)



PR133M HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pa)

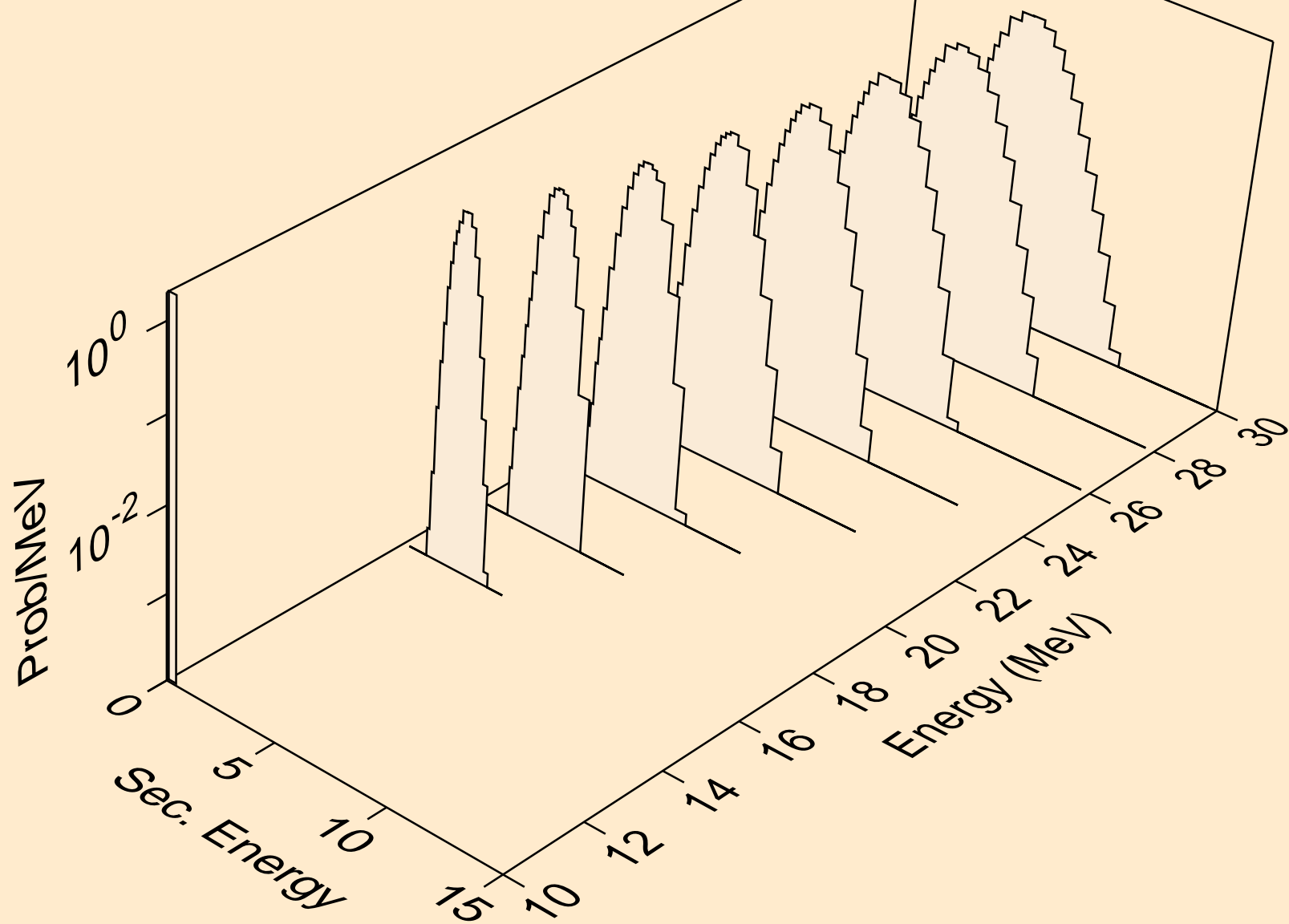


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protons from (s,pd)

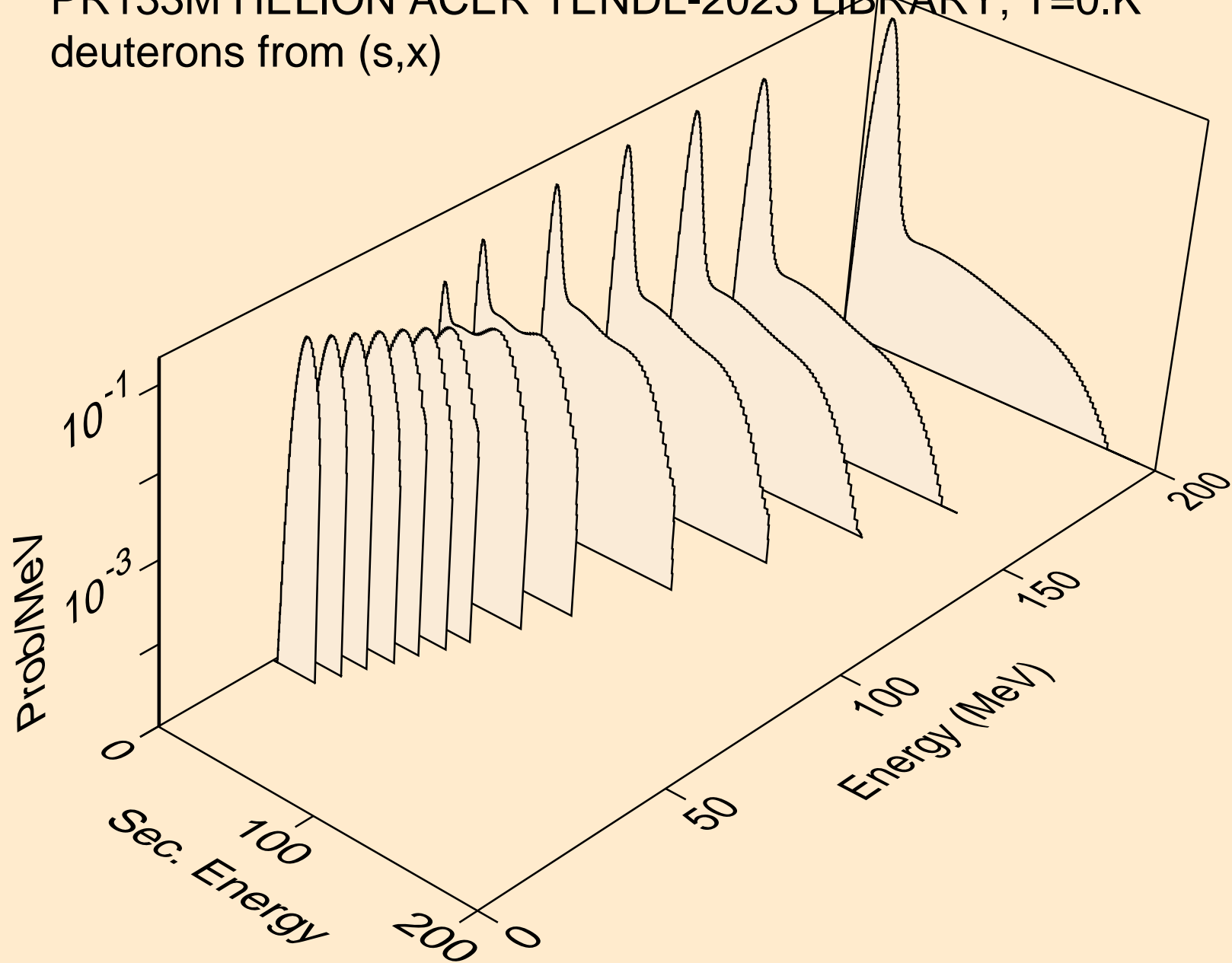




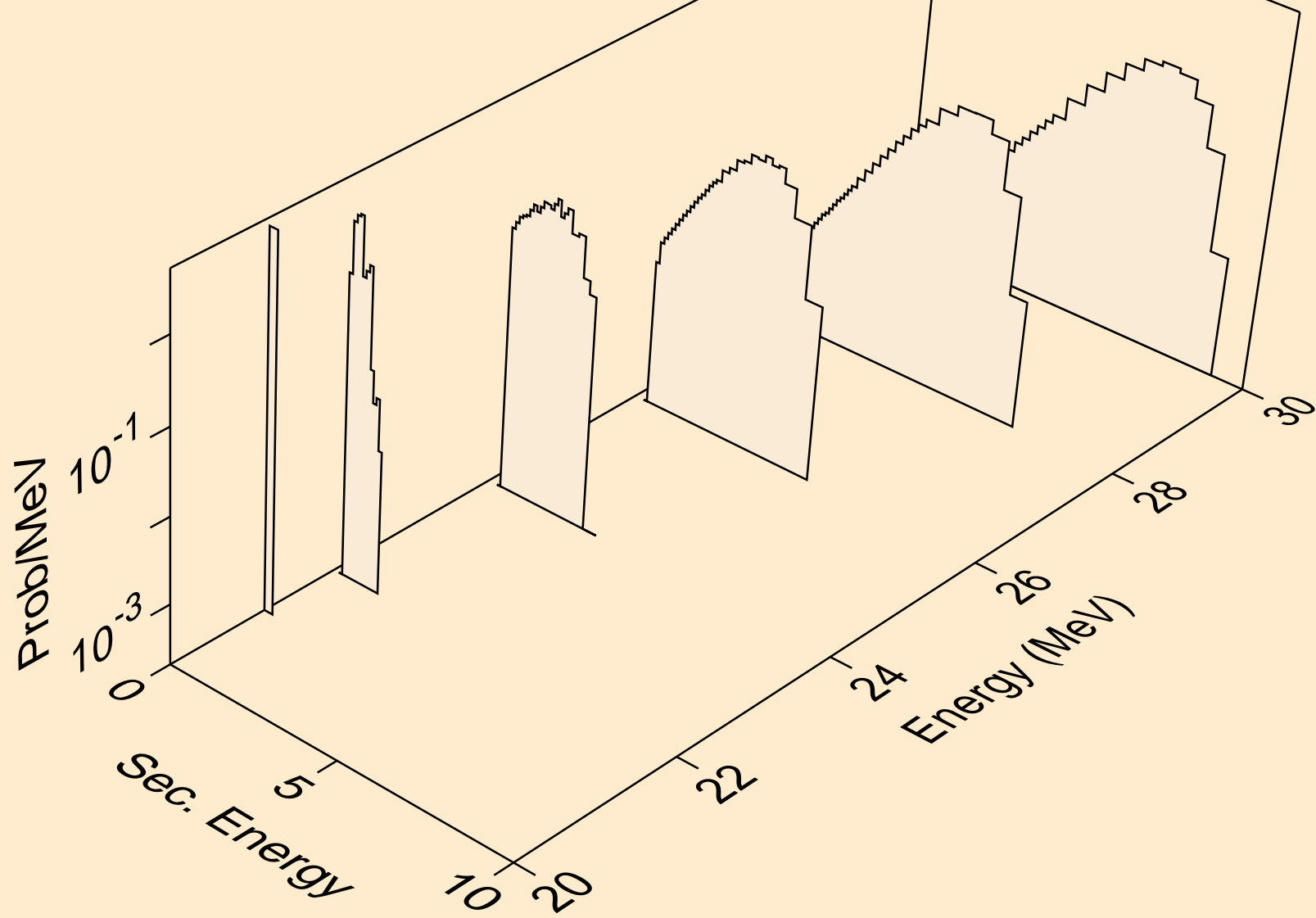
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protons from (s,pt)



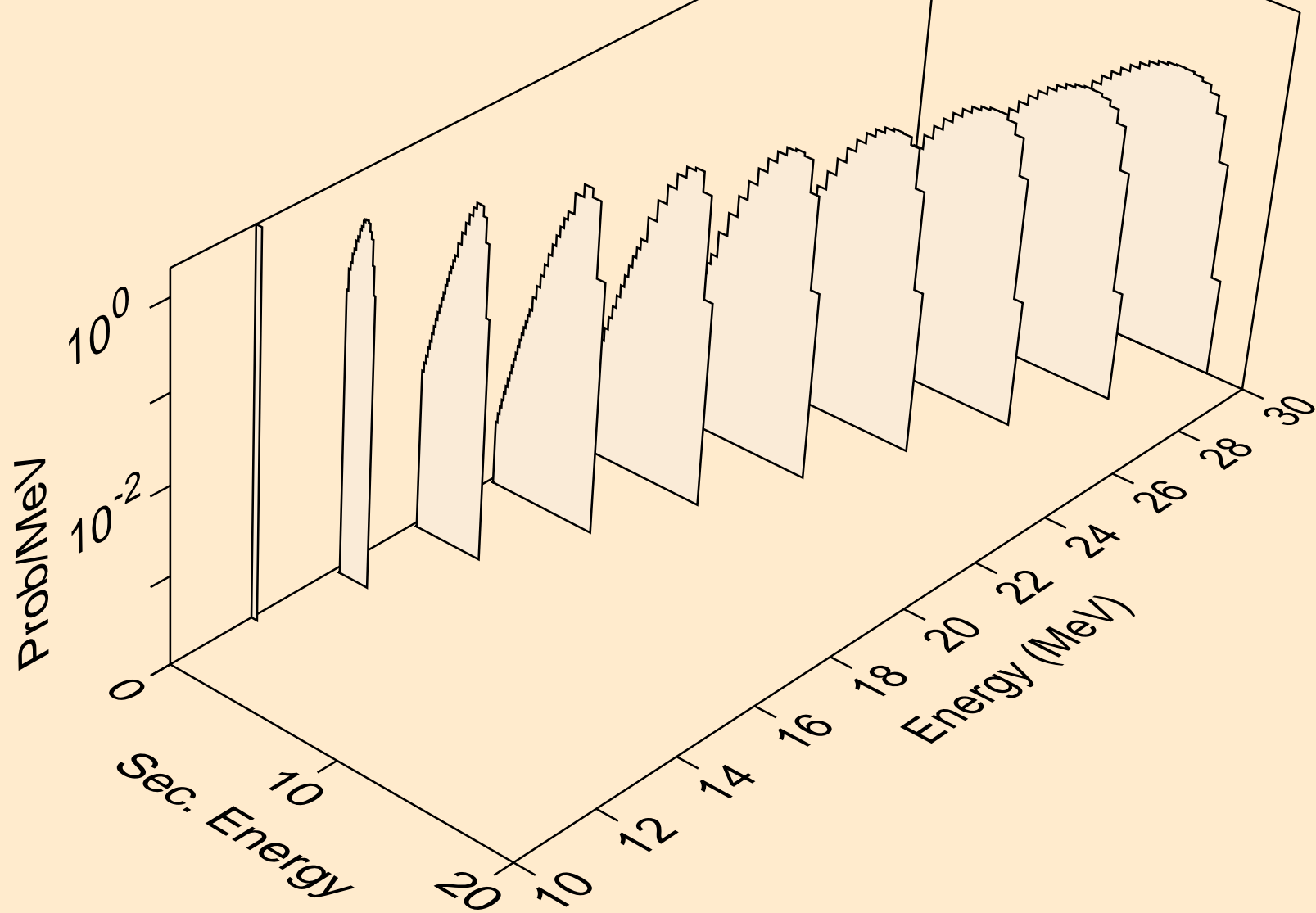
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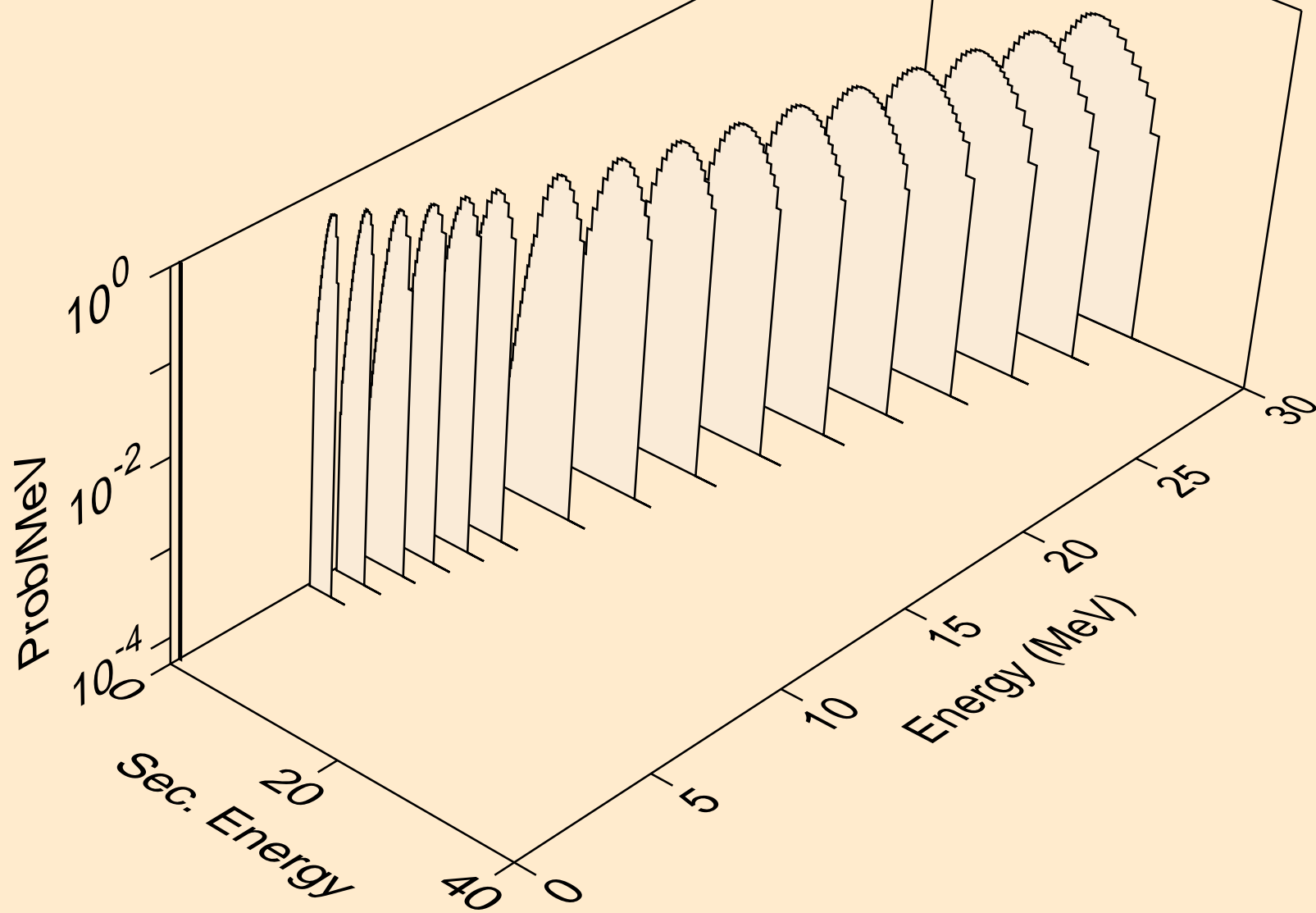
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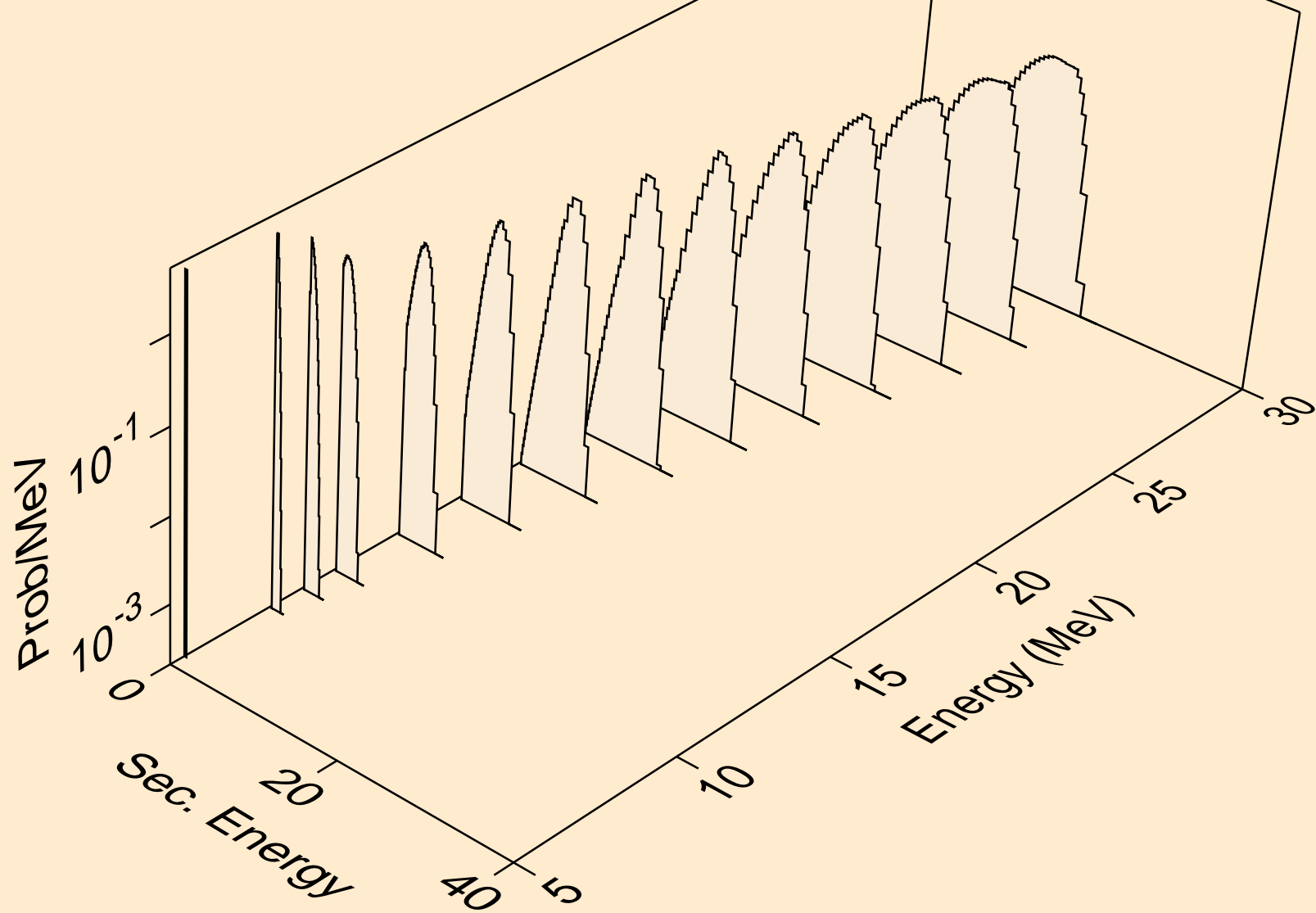
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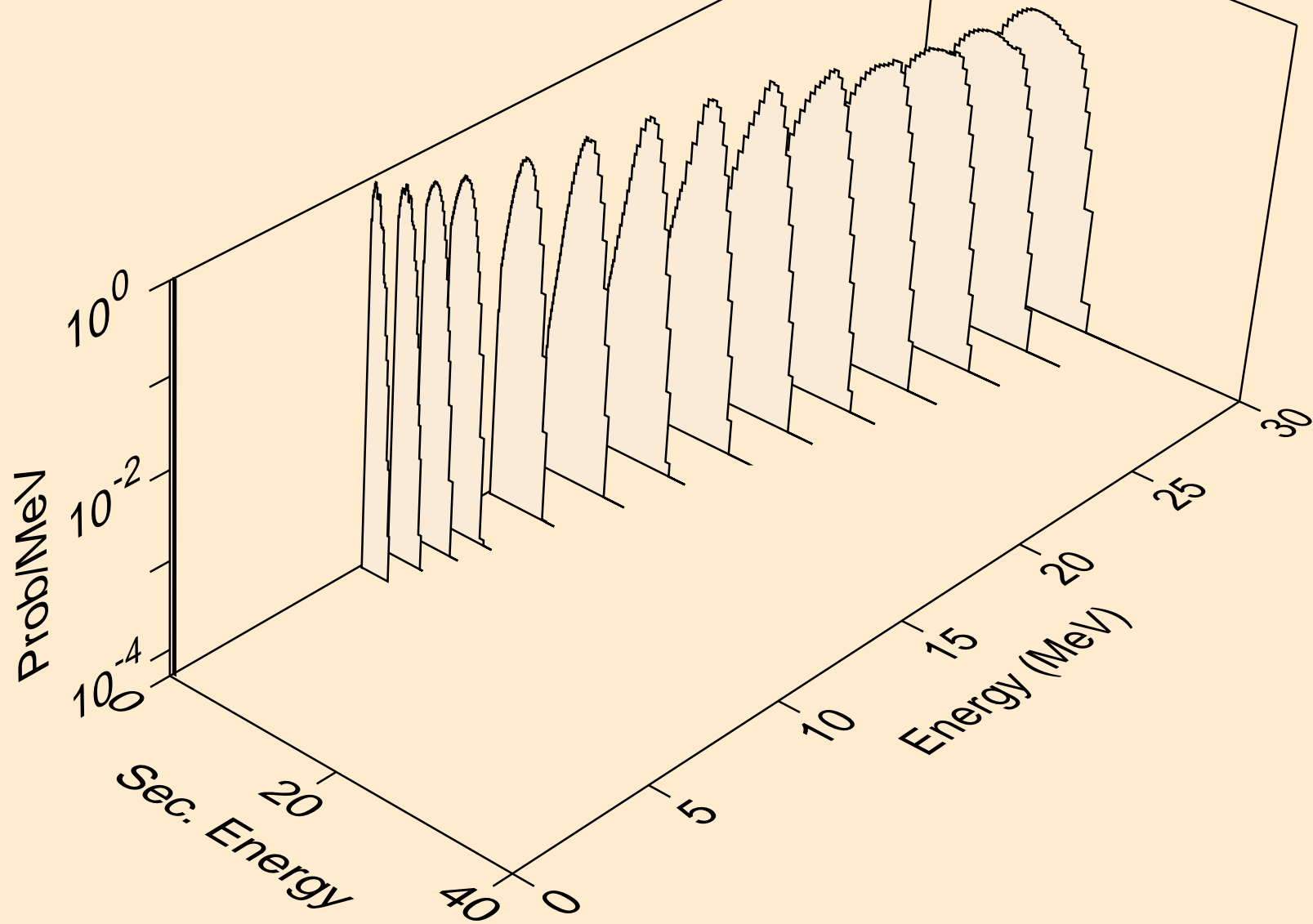
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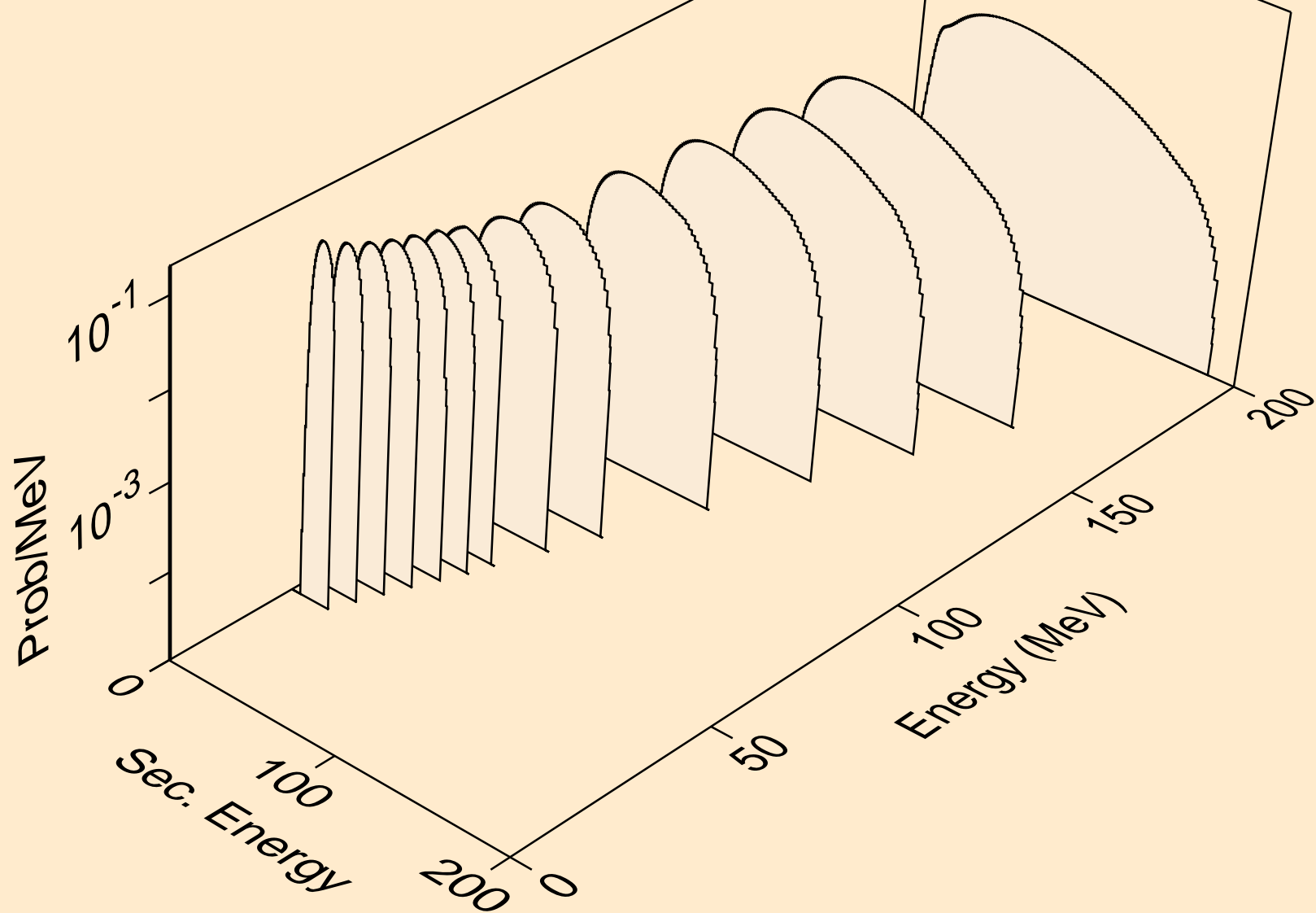
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PR133M HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,da)

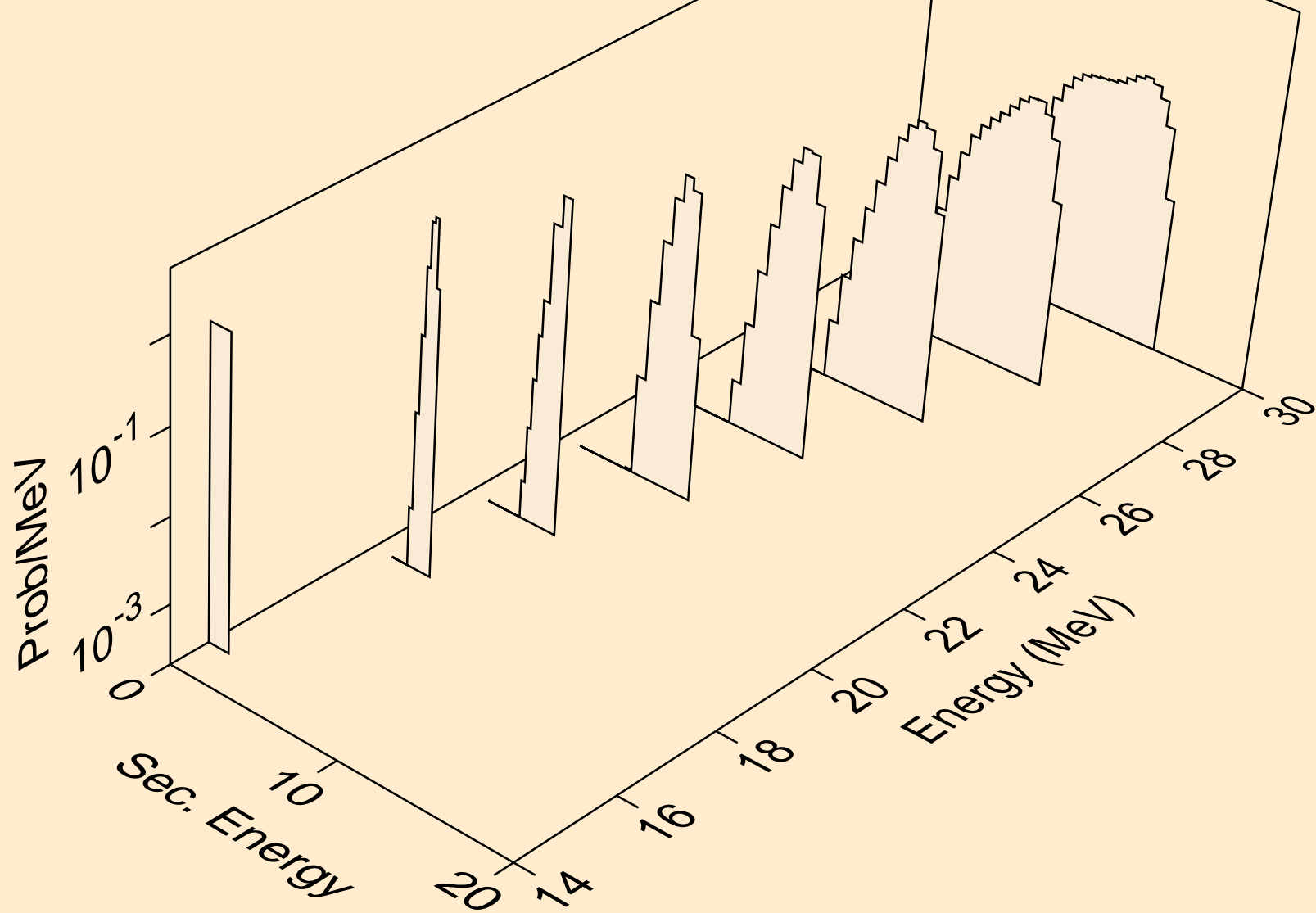


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tritons from (s,x)

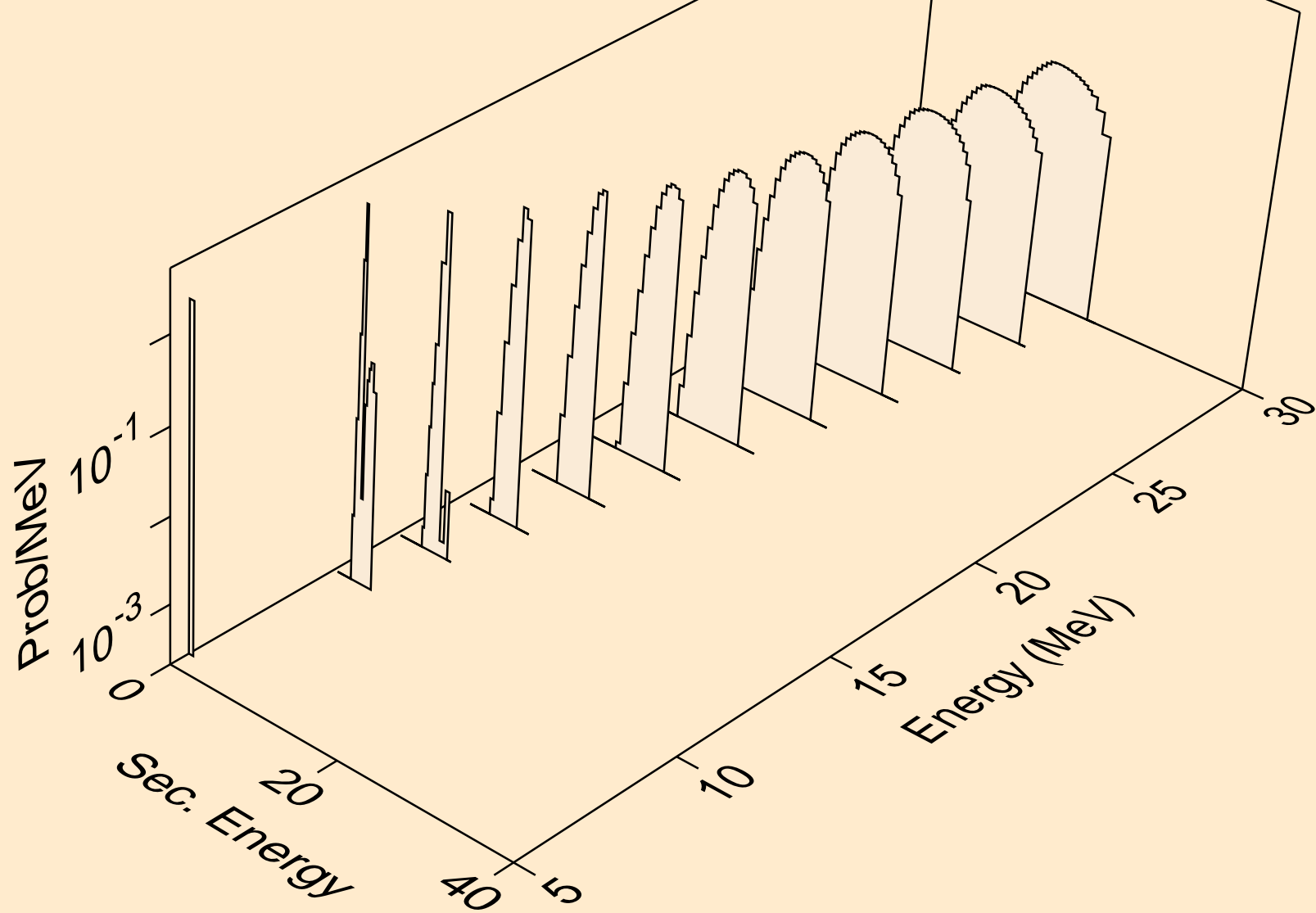




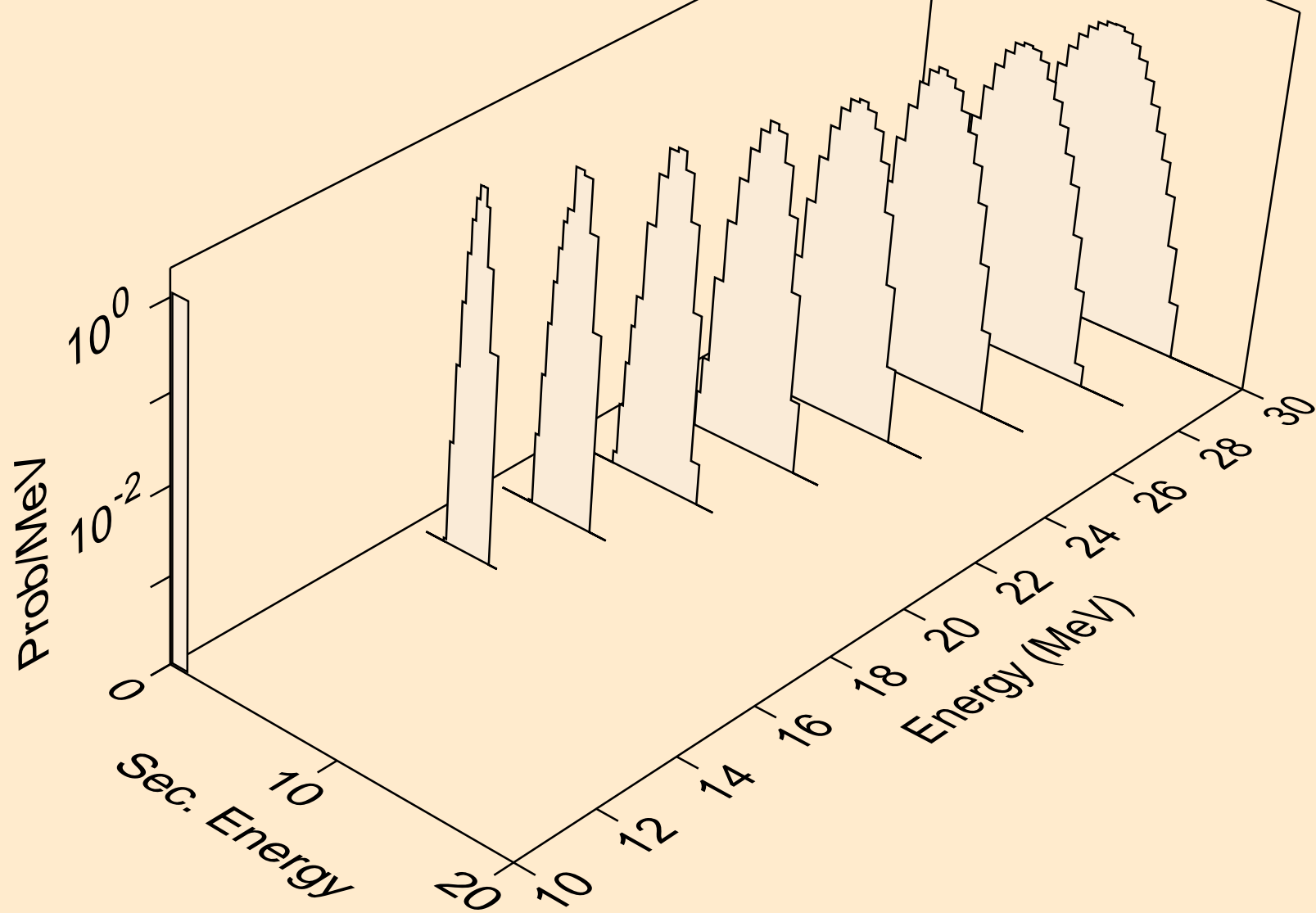
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tritons from (s,n\*)t



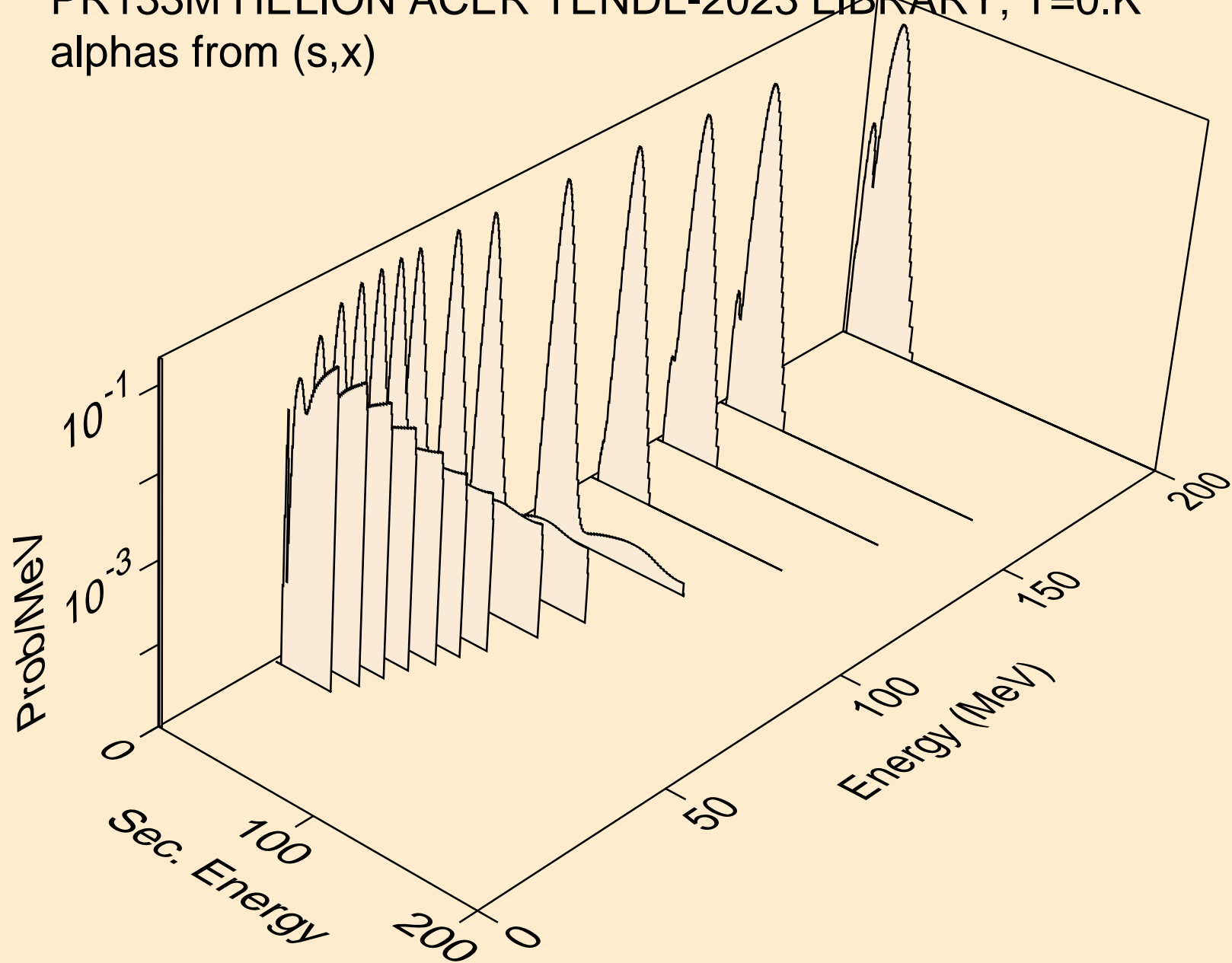
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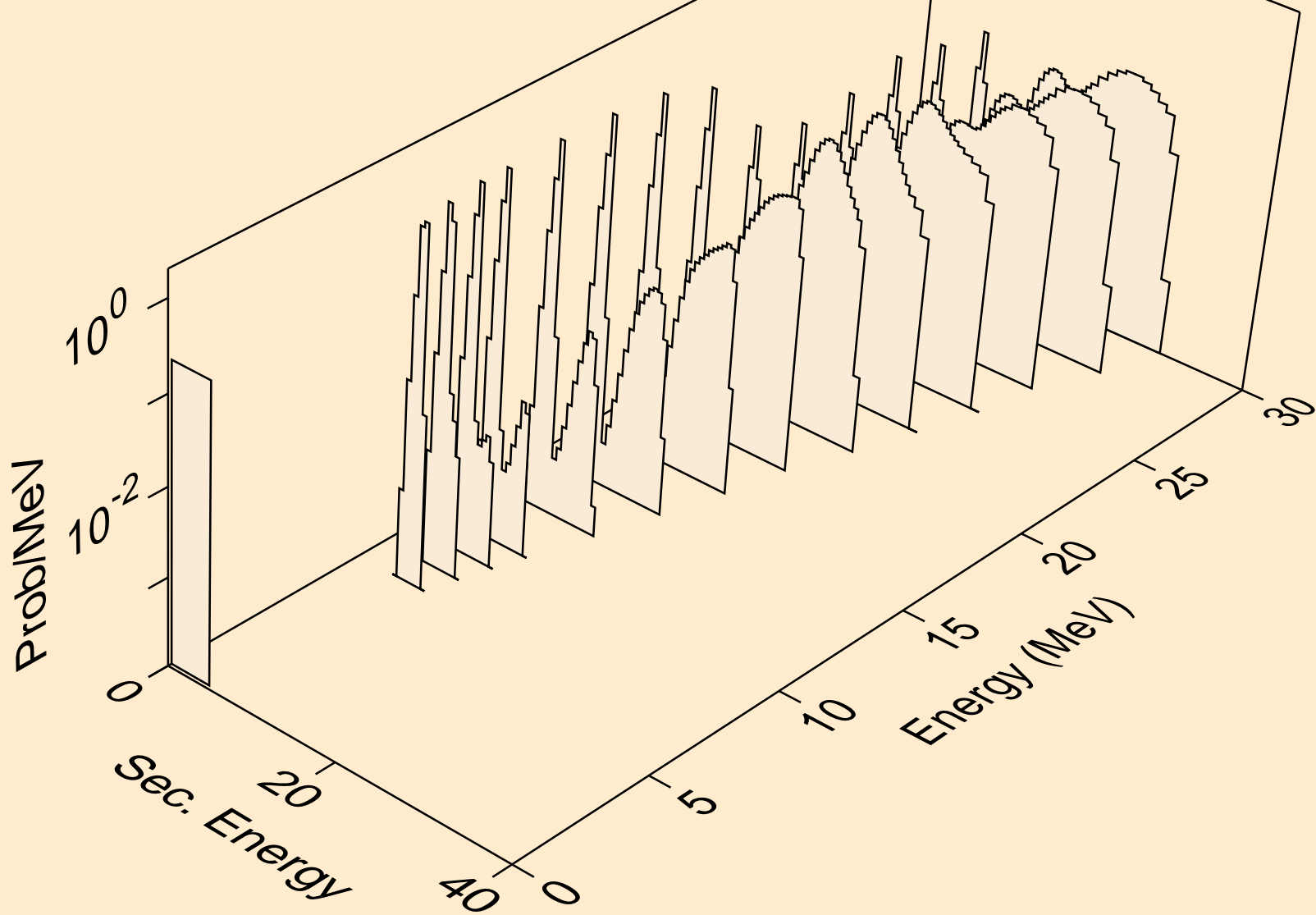
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tritons from (s,pt)



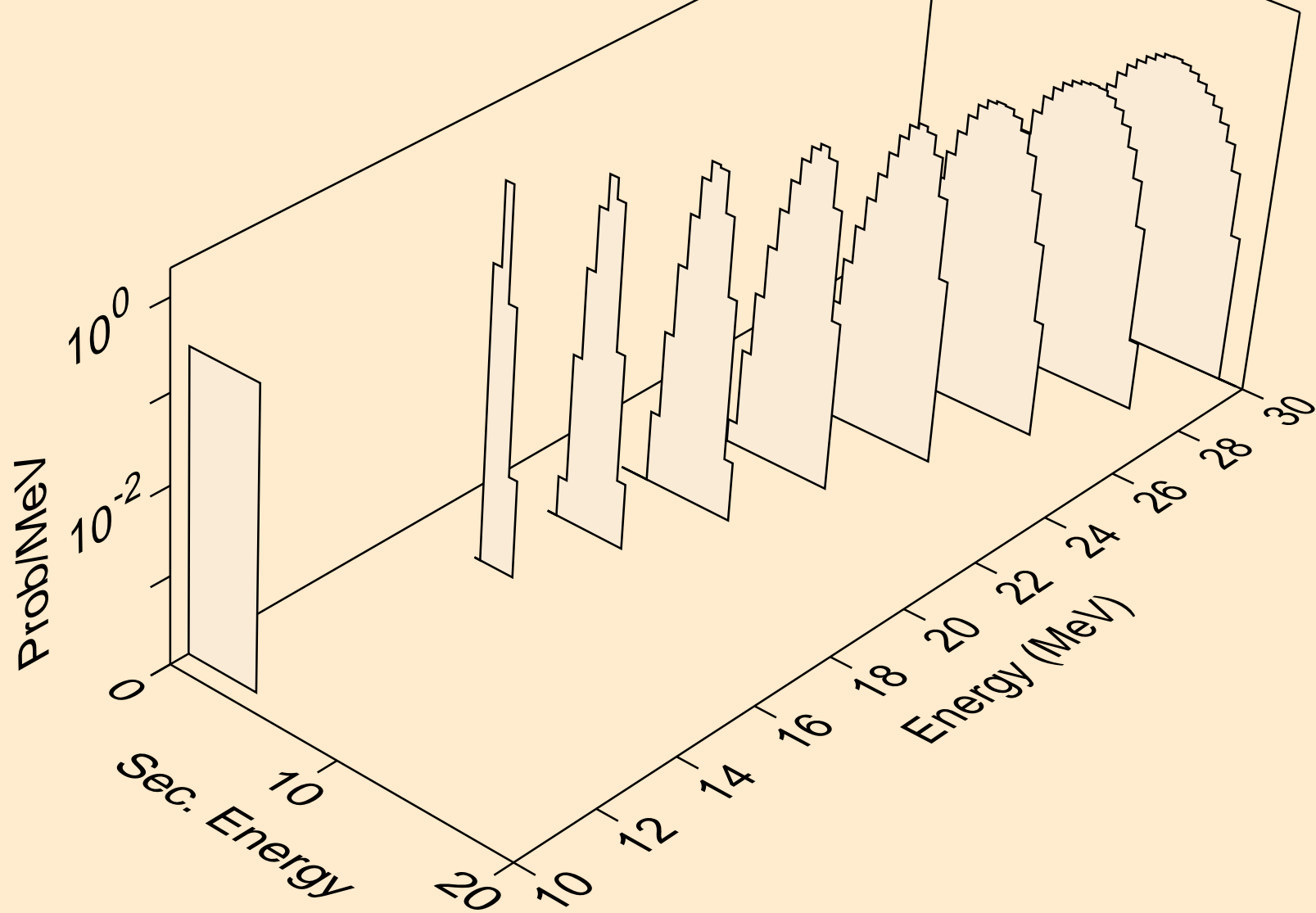
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alphas from (s,x)



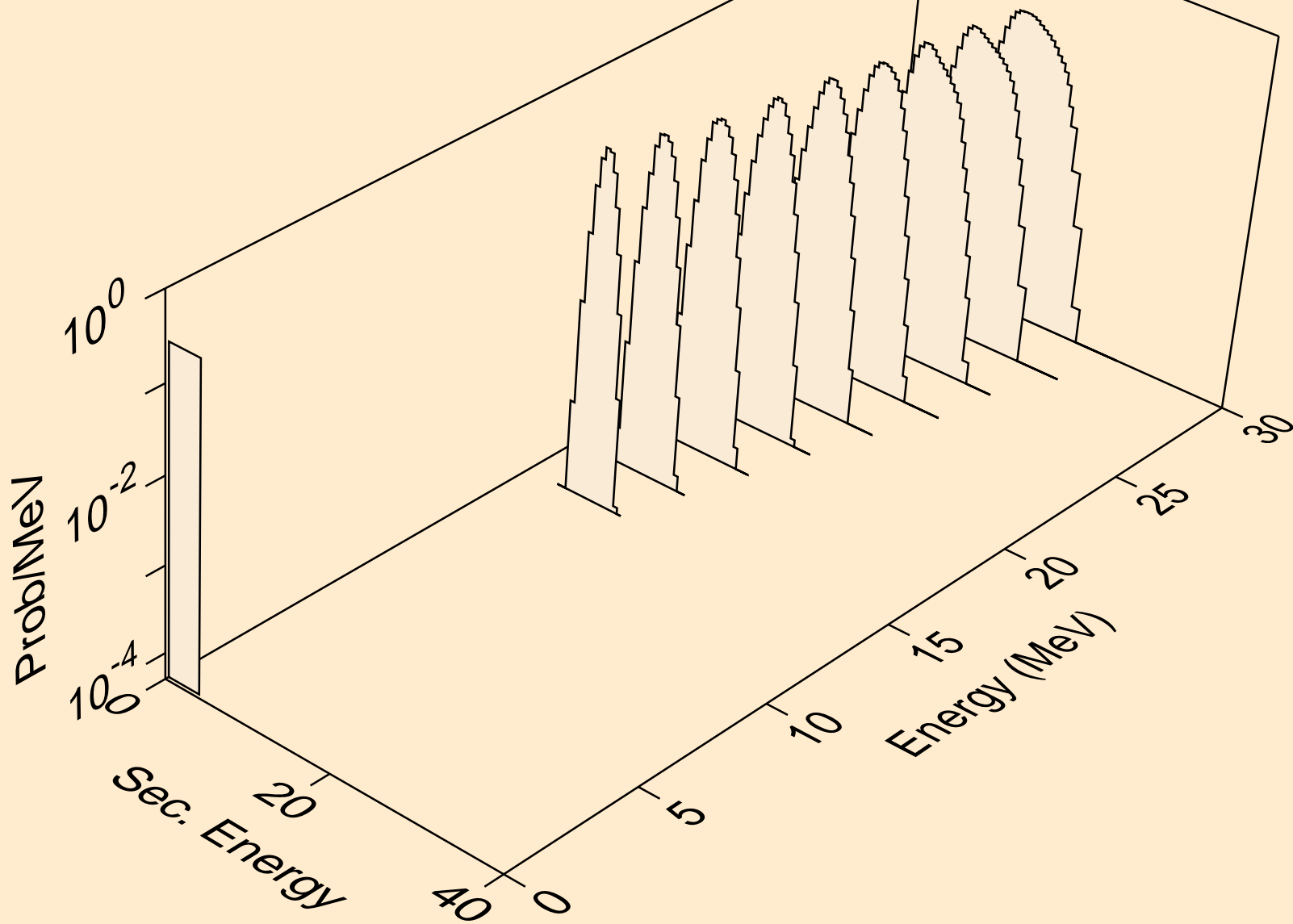
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alphas from (s,n\*)a



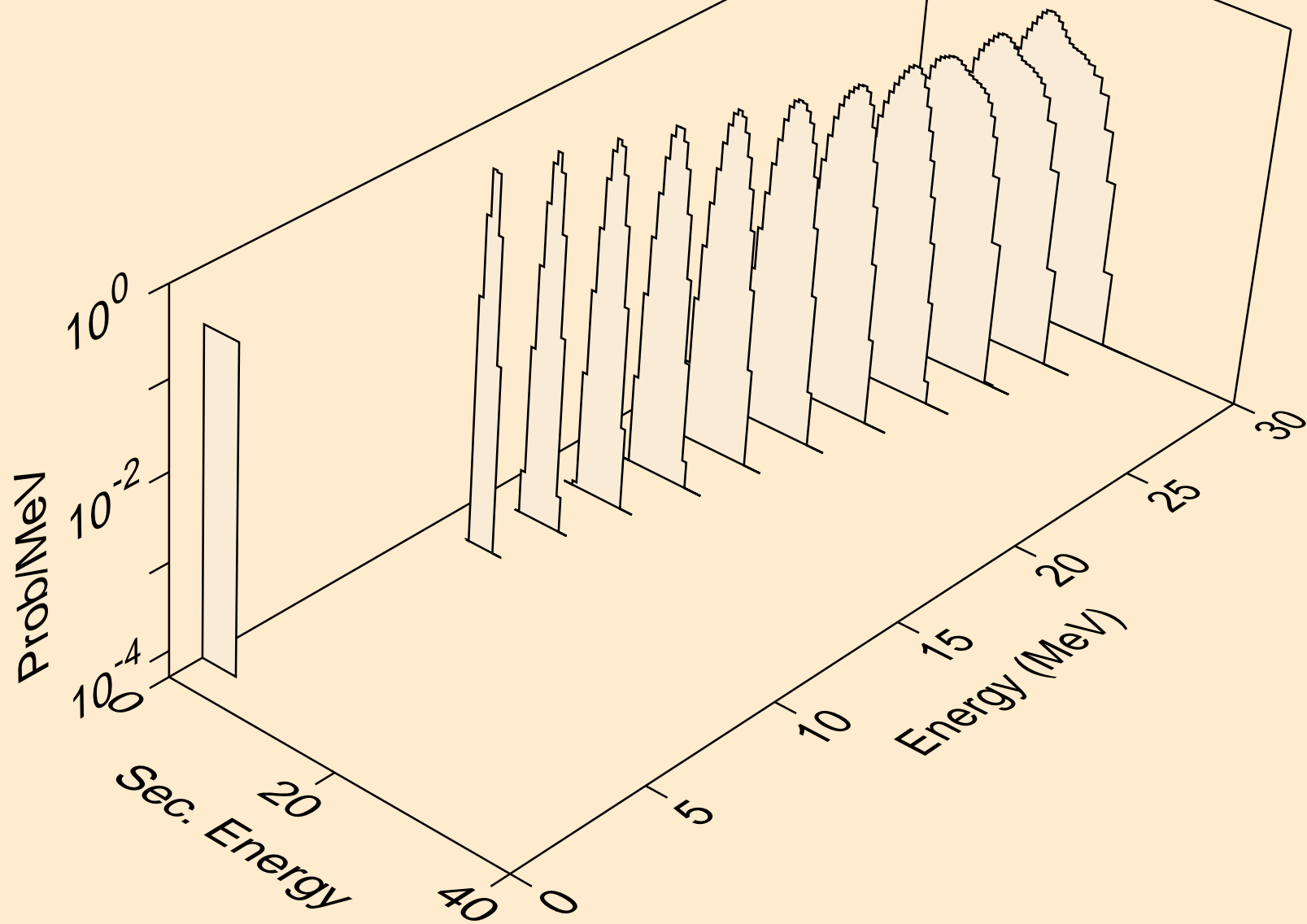
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alphas from (s,2n)a



PR133M HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)2a

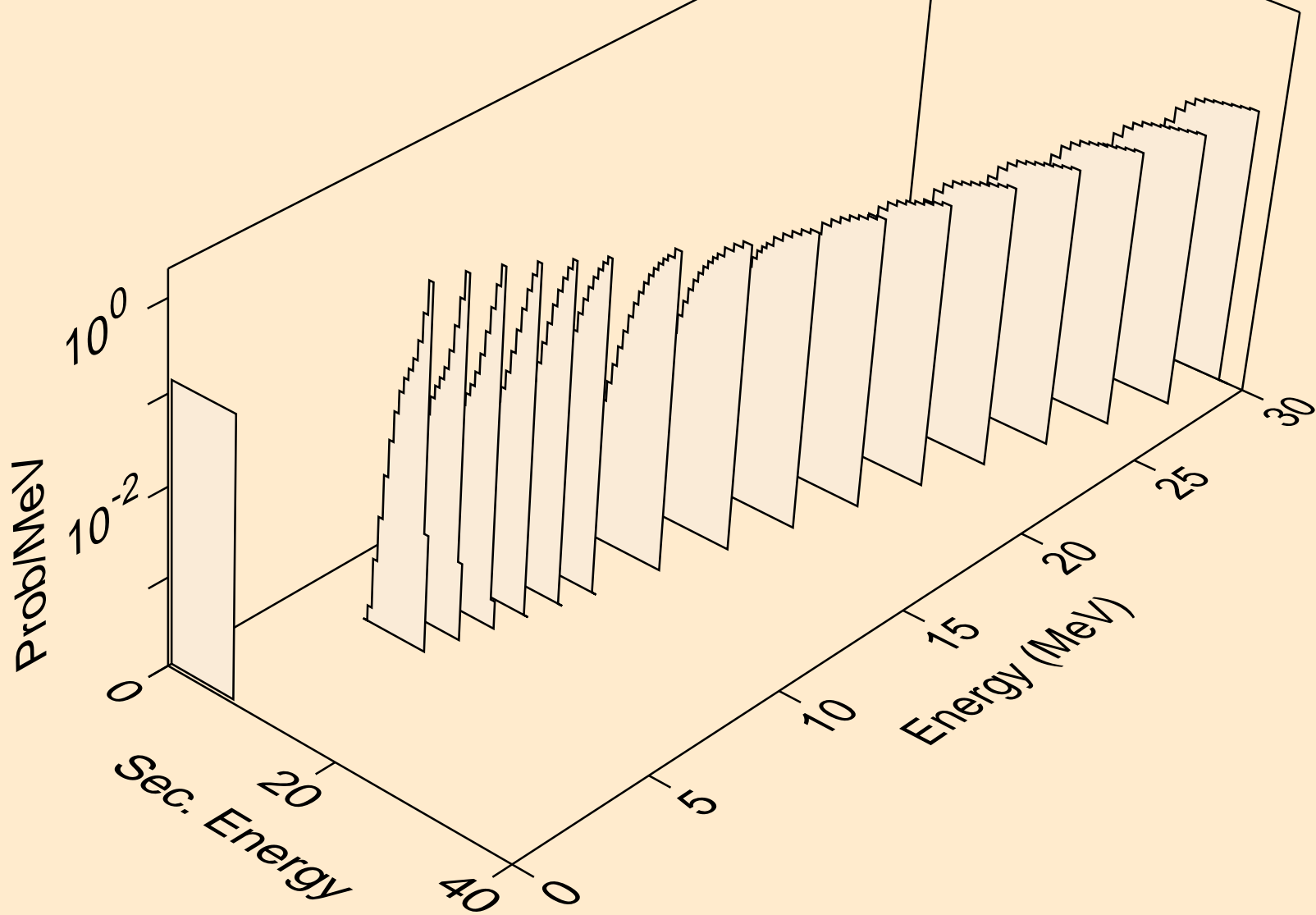


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alphas from (s,npa)

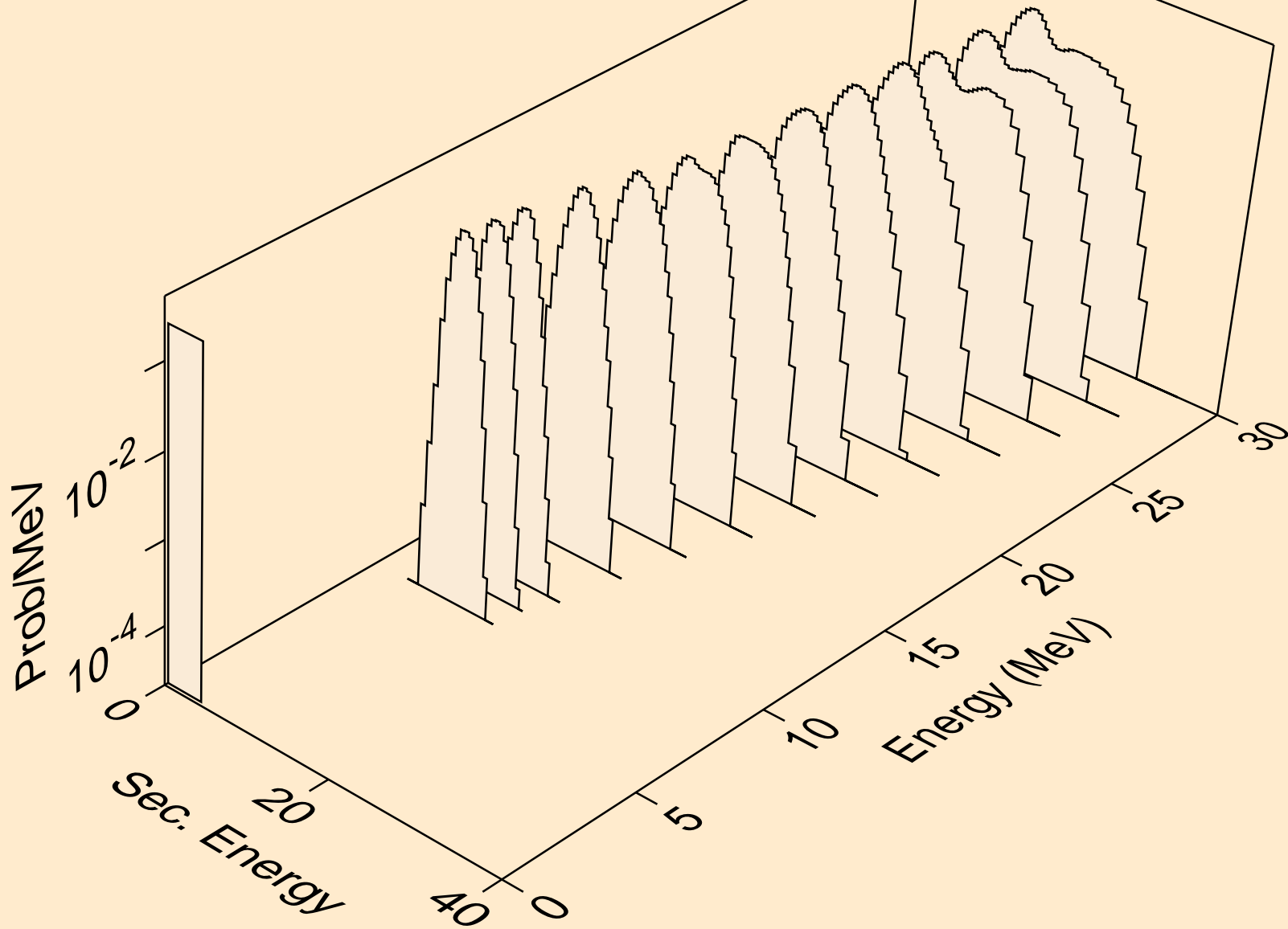




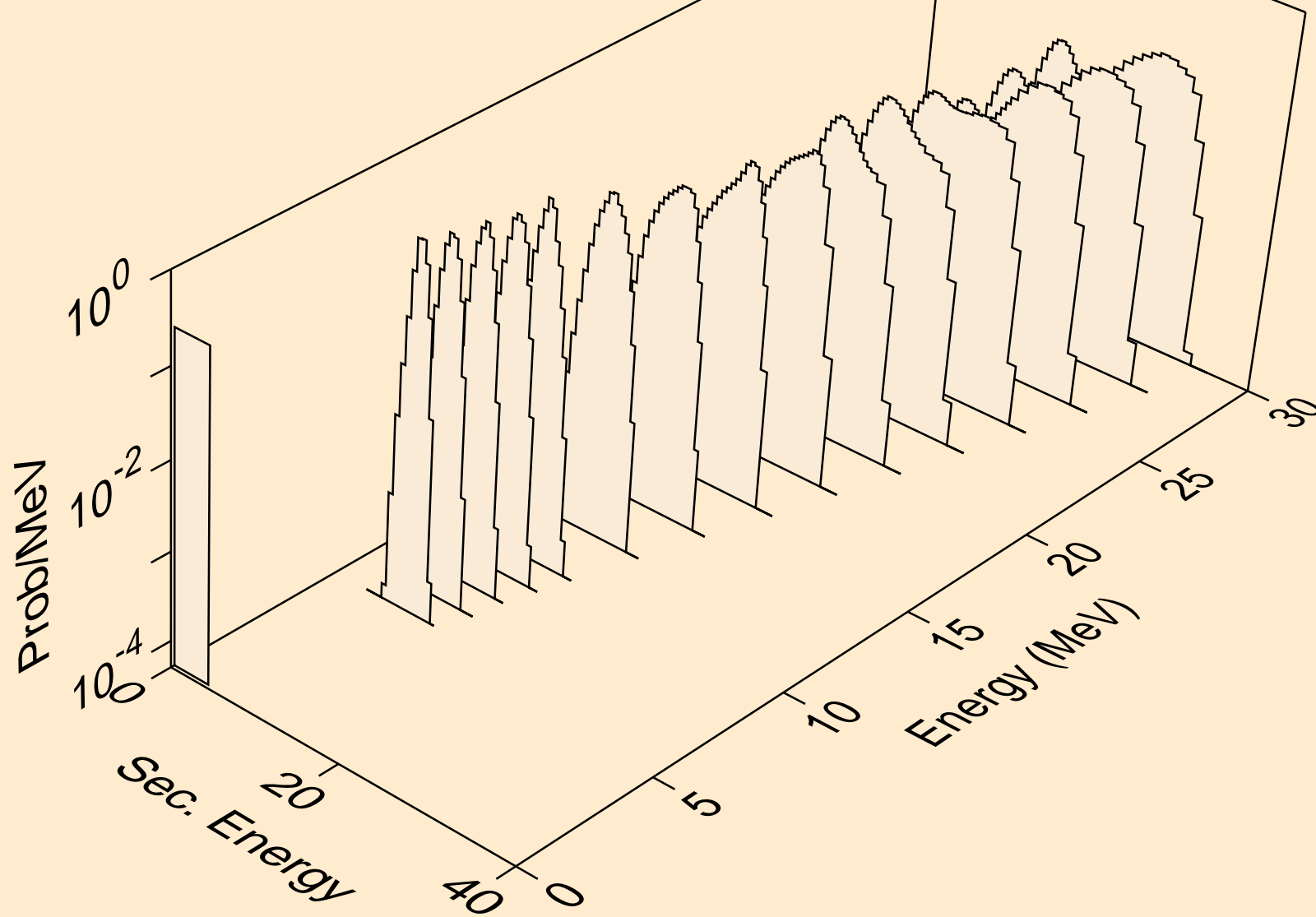
PR133M HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,a)



PR133M HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2a)



PR133M HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,pa)



PR133M HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,da)

