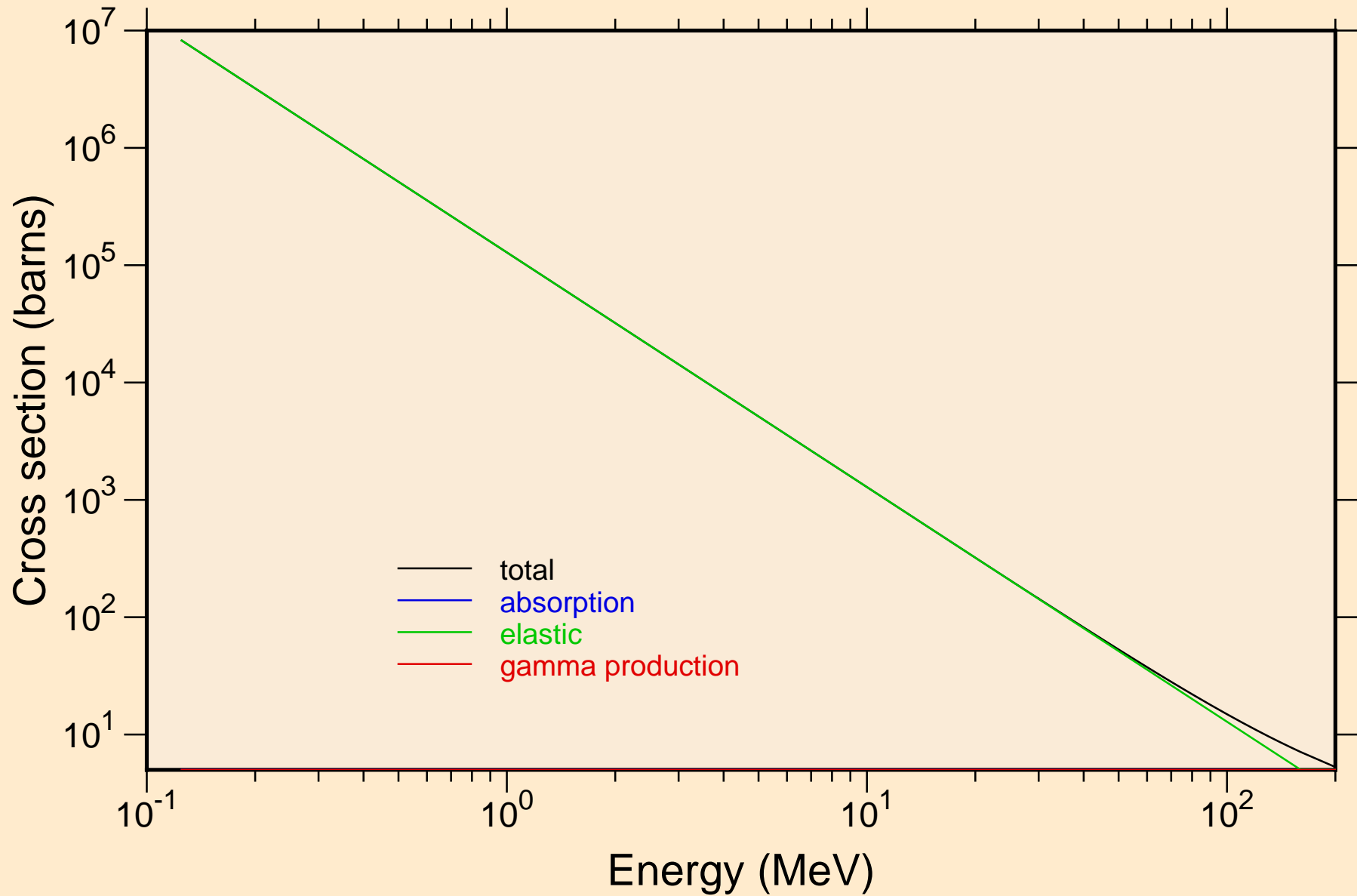
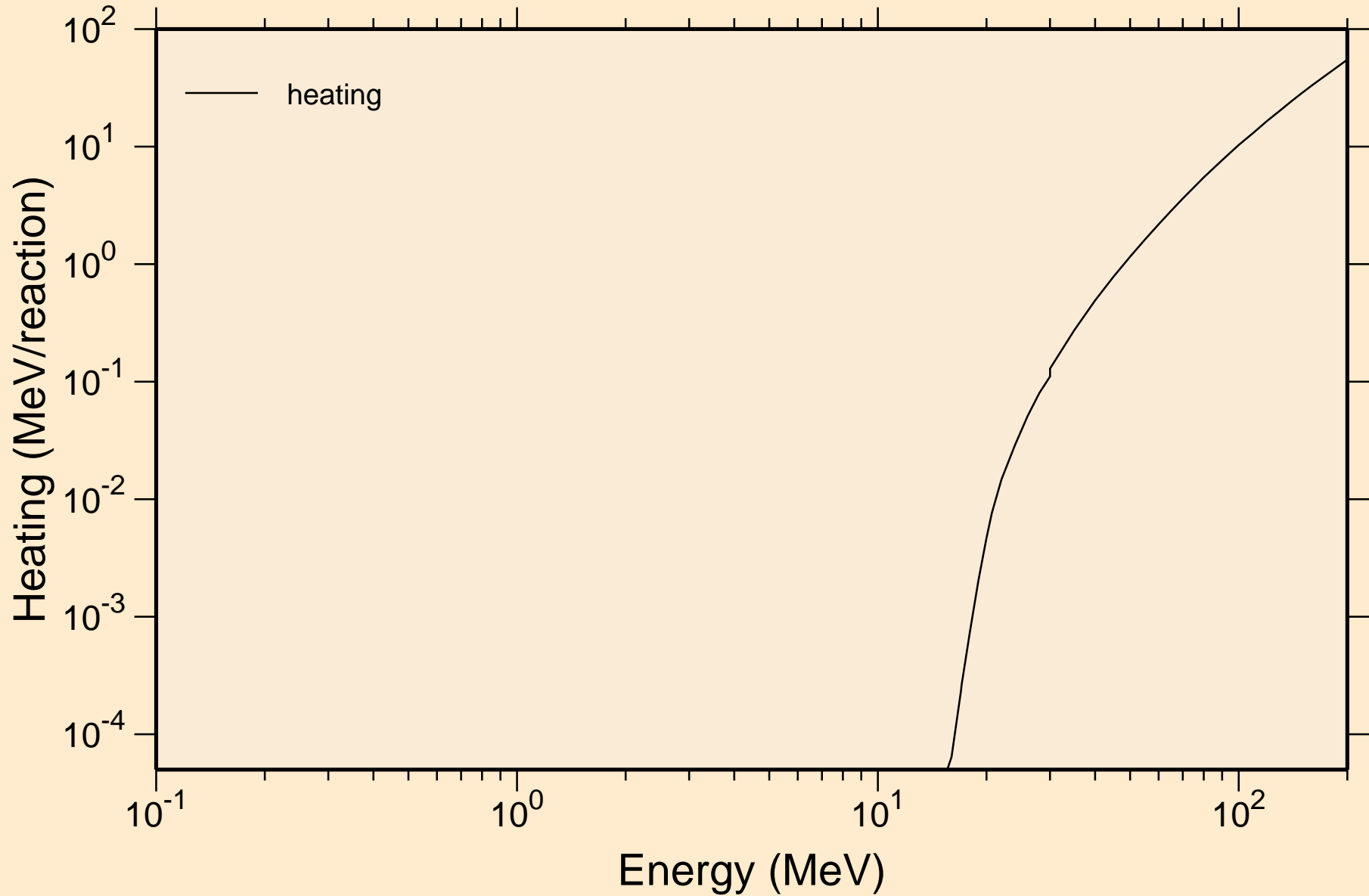


LU154M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



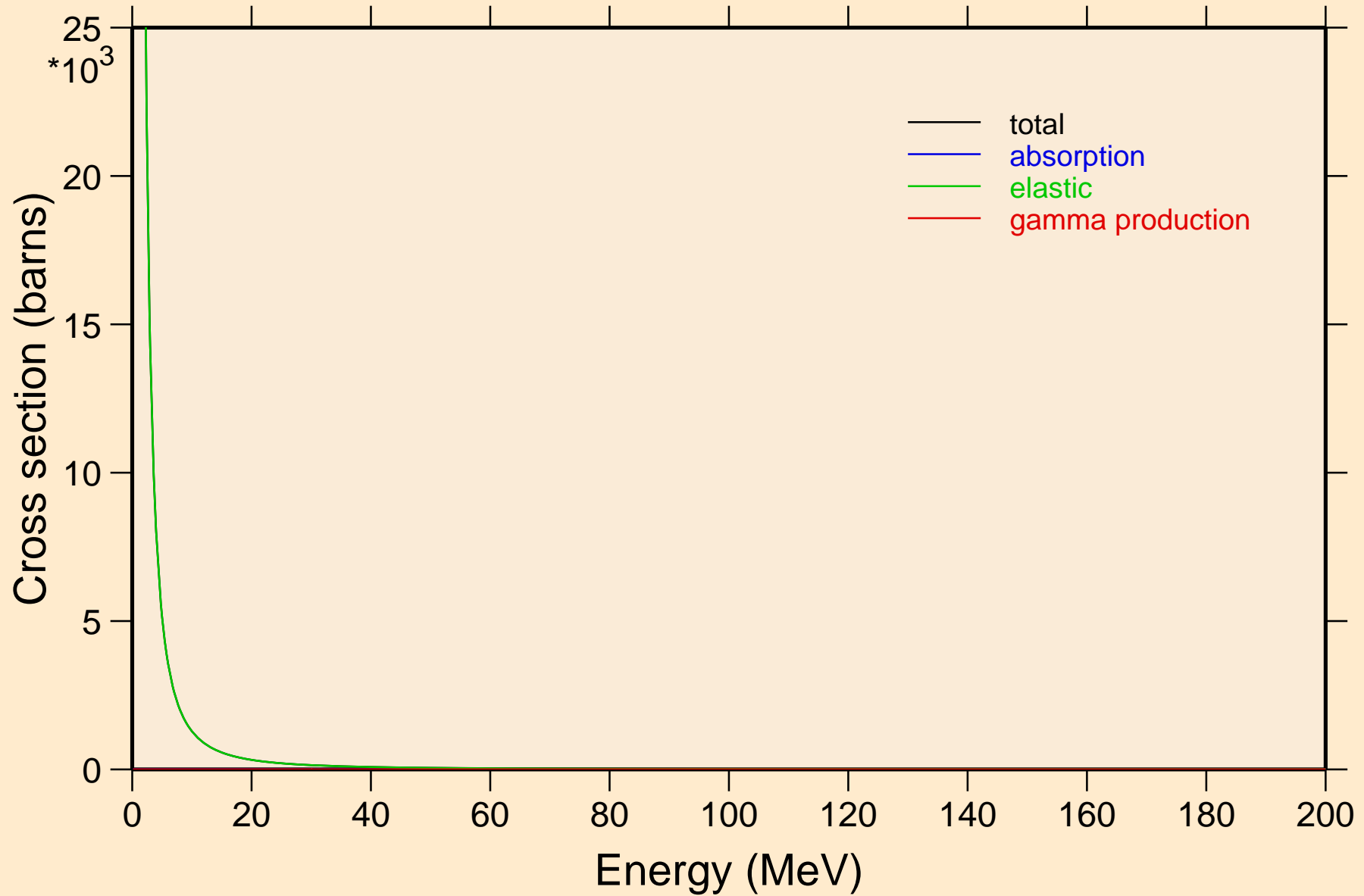
# LU154M HELION ACER TENDL-2023 LIBRARY; T=0.K

## Heating



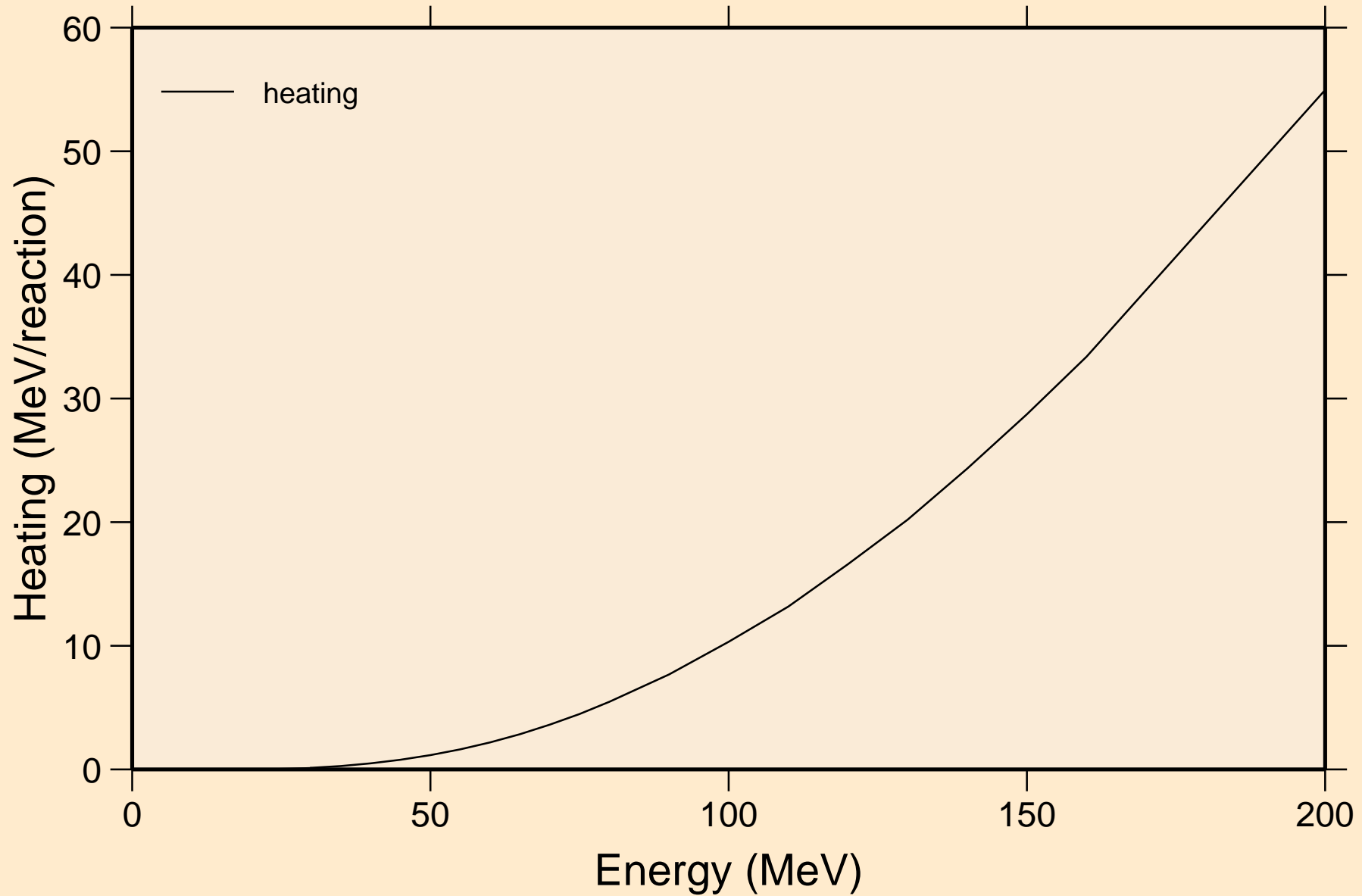
# LU154M HELION ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

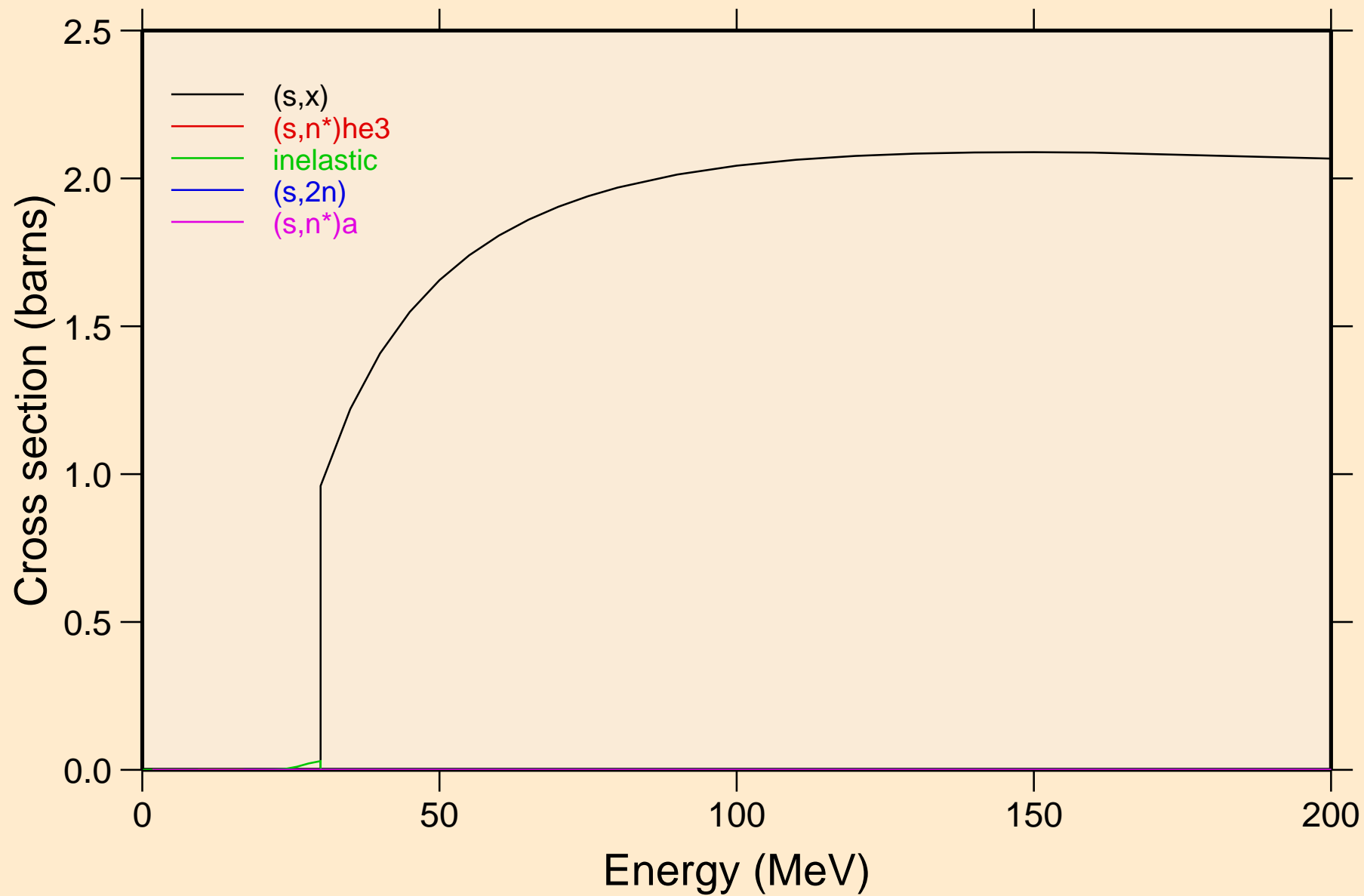


LU154M HELION ACER TENDL-2023 LIBRARY; T=0.K

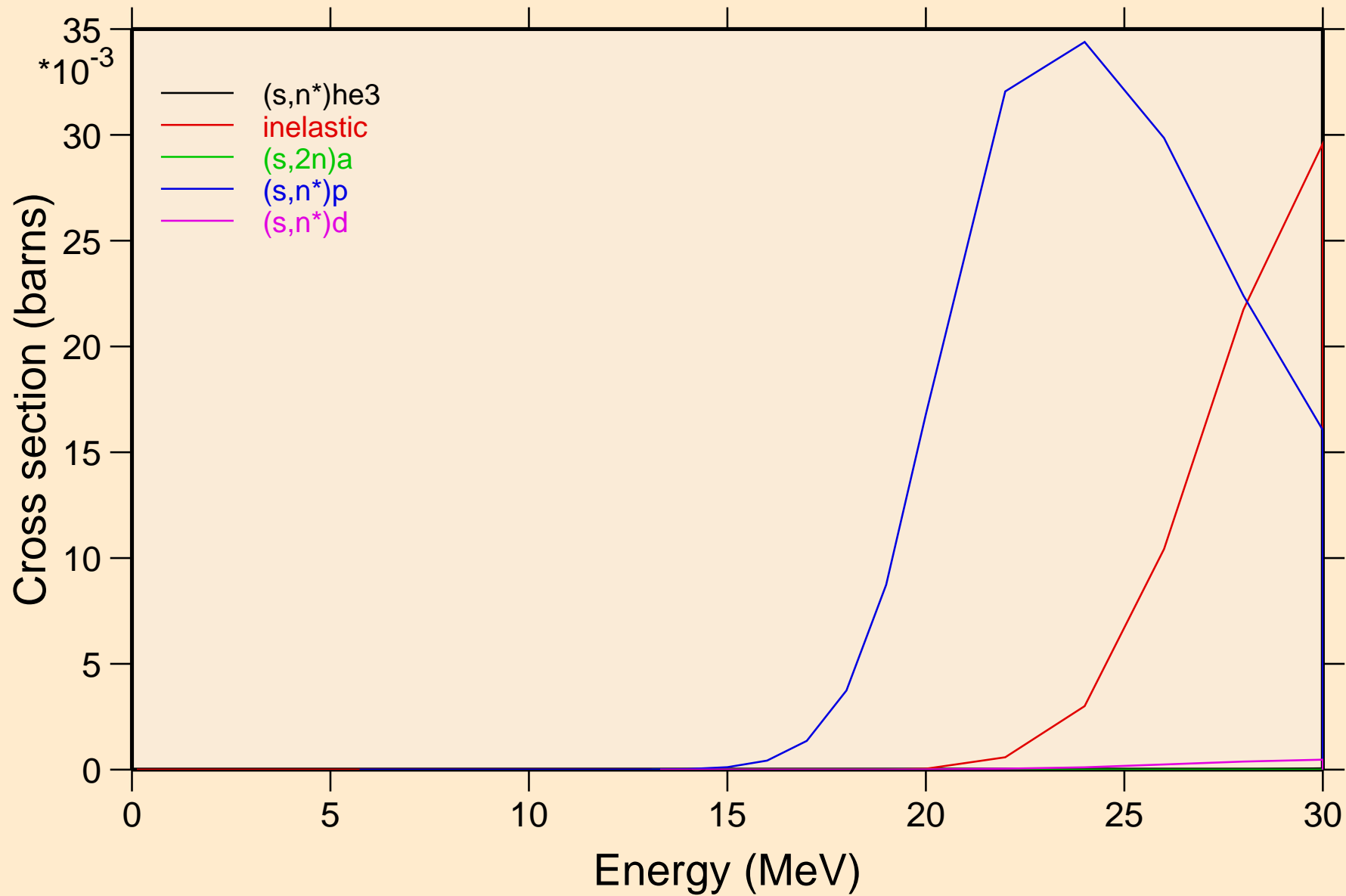
Heating



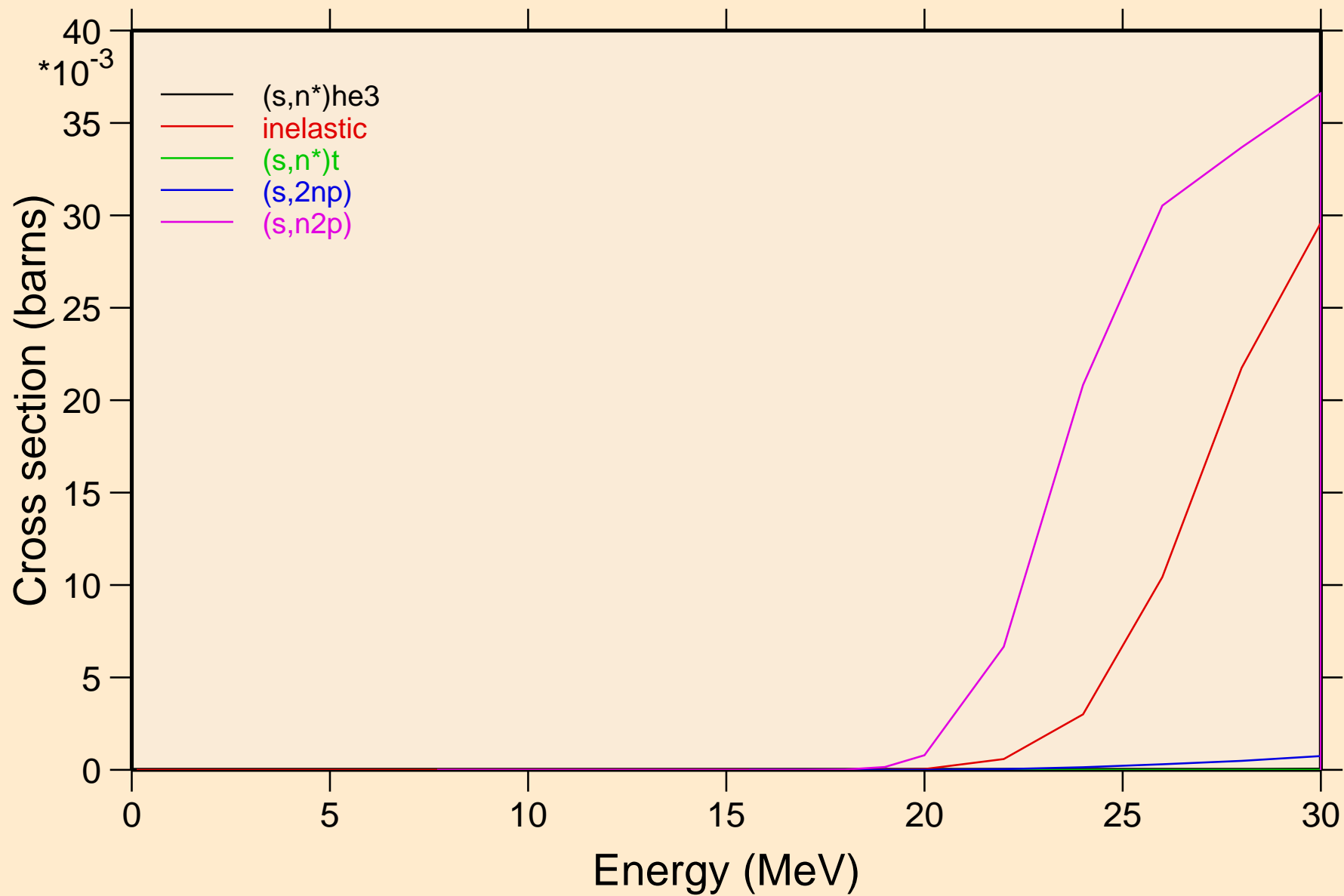
LU154M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



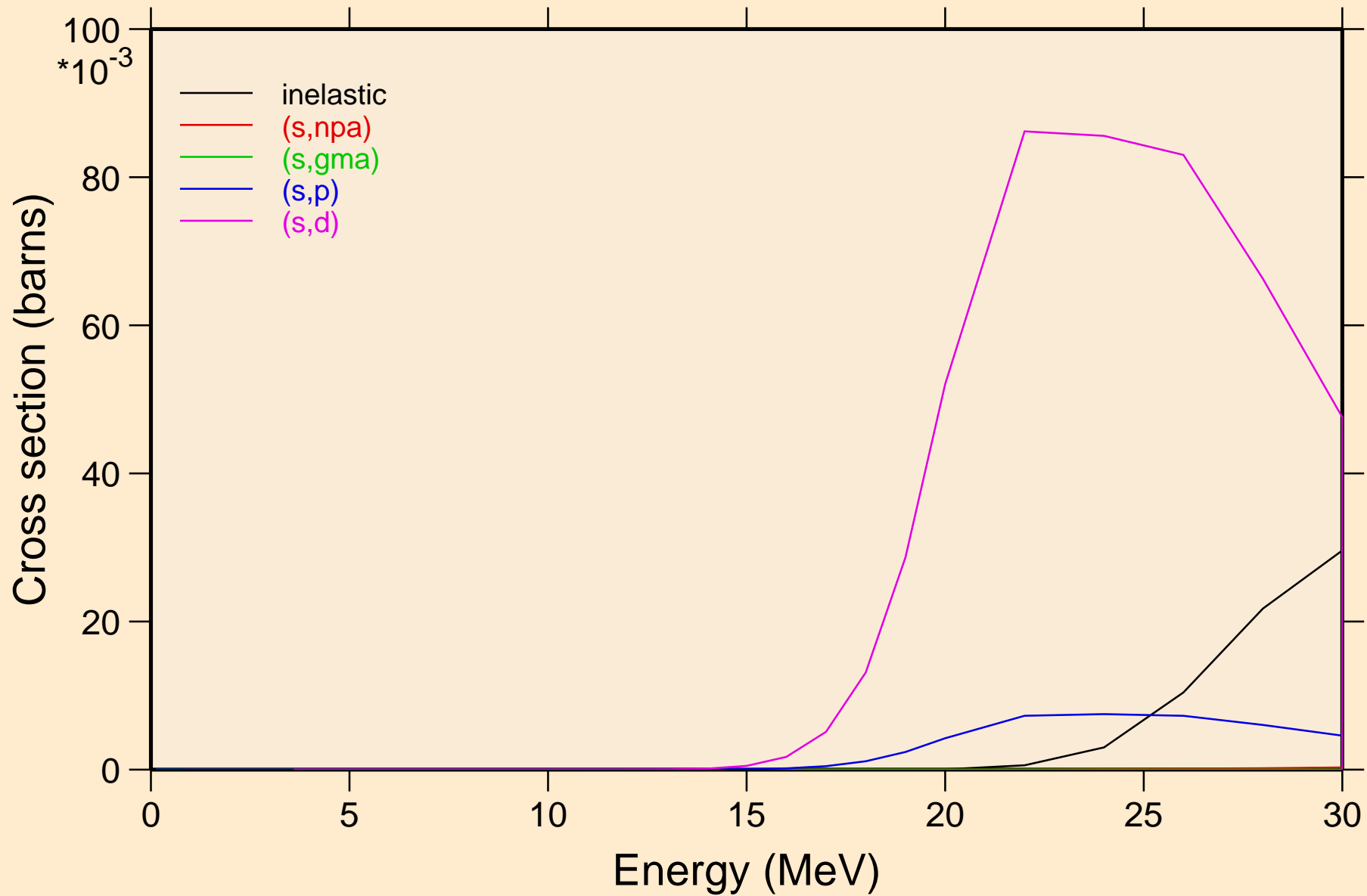
LU154M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



LU154M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

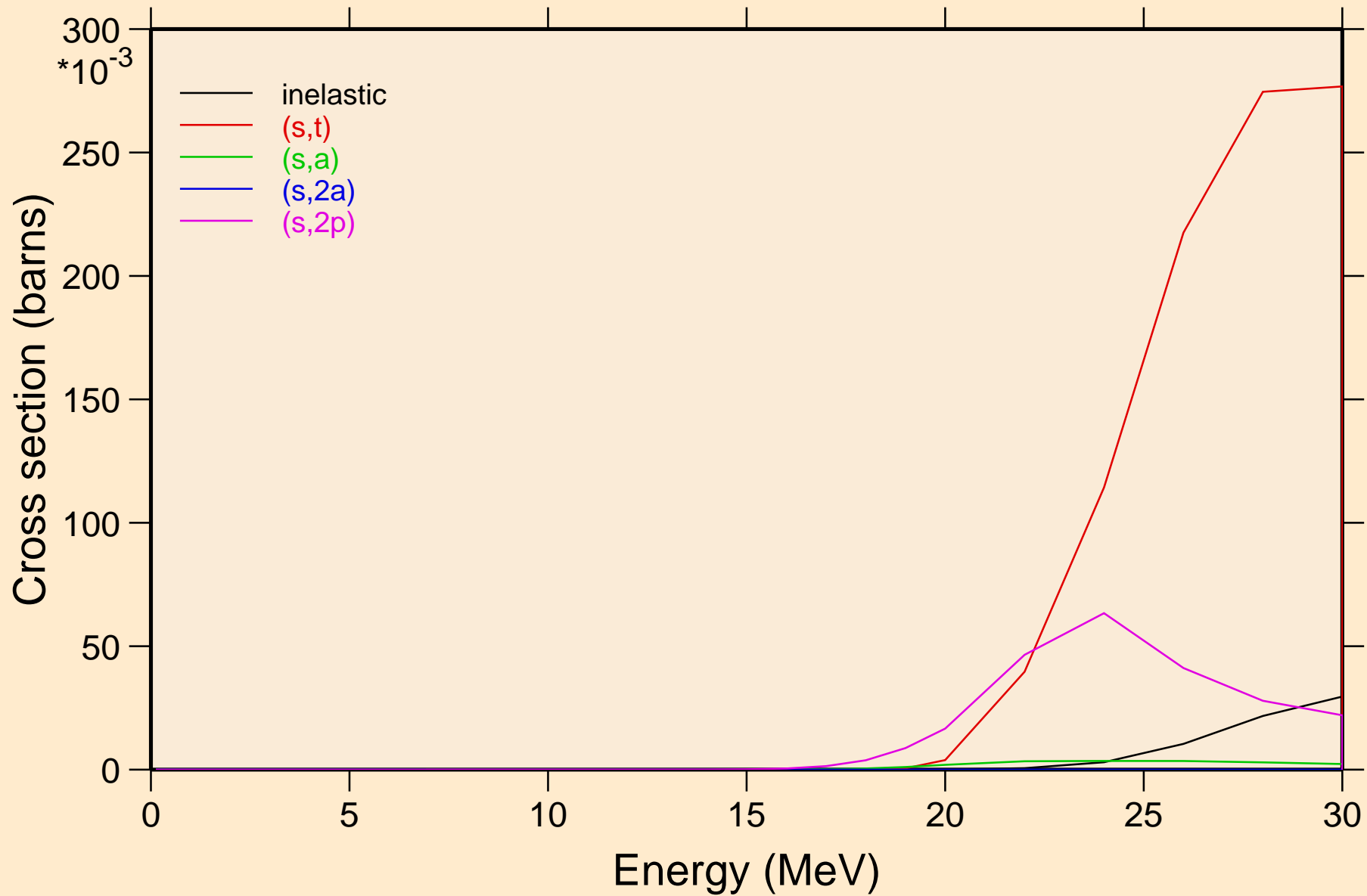


LU154M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

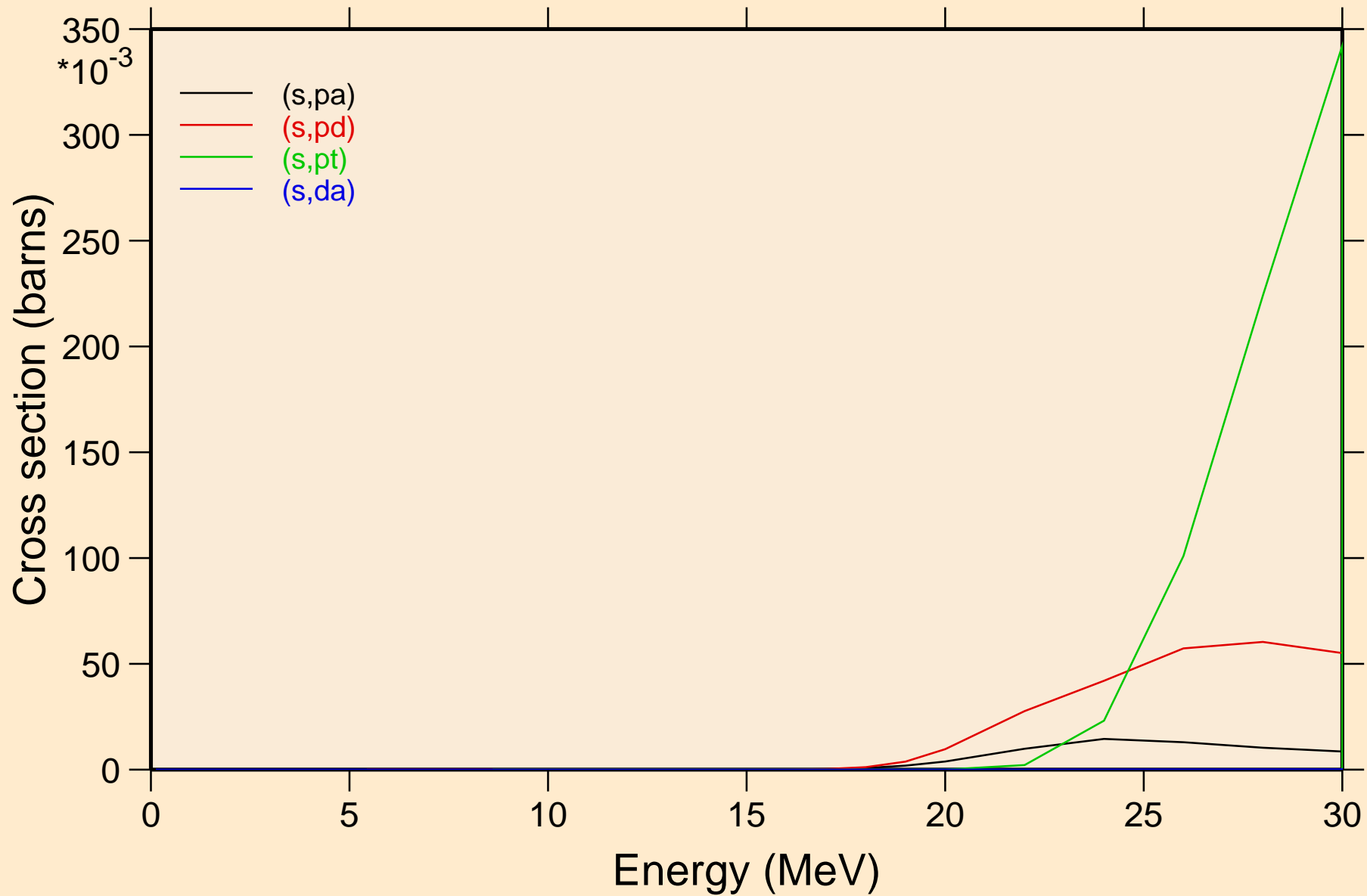




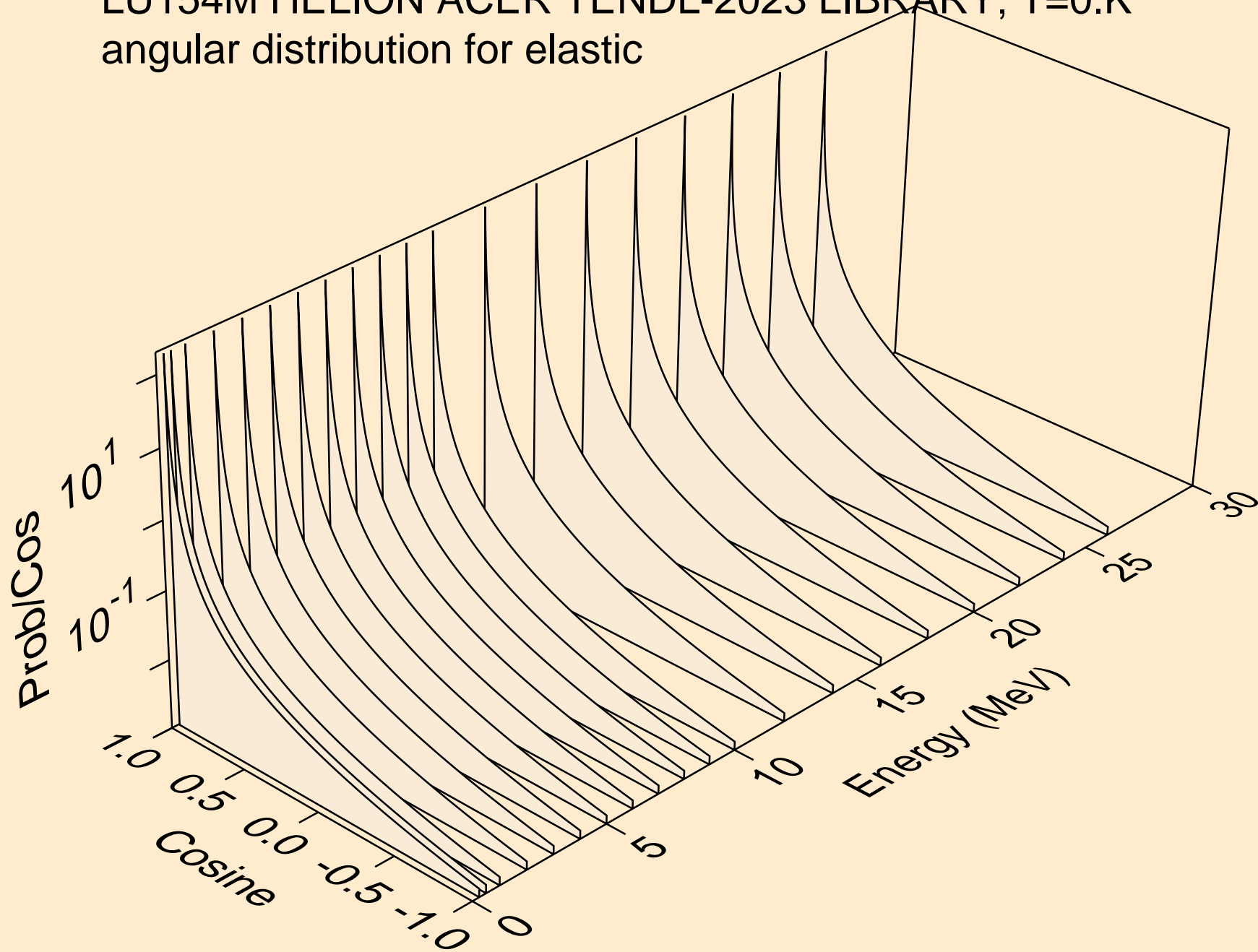
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Threshold reactions



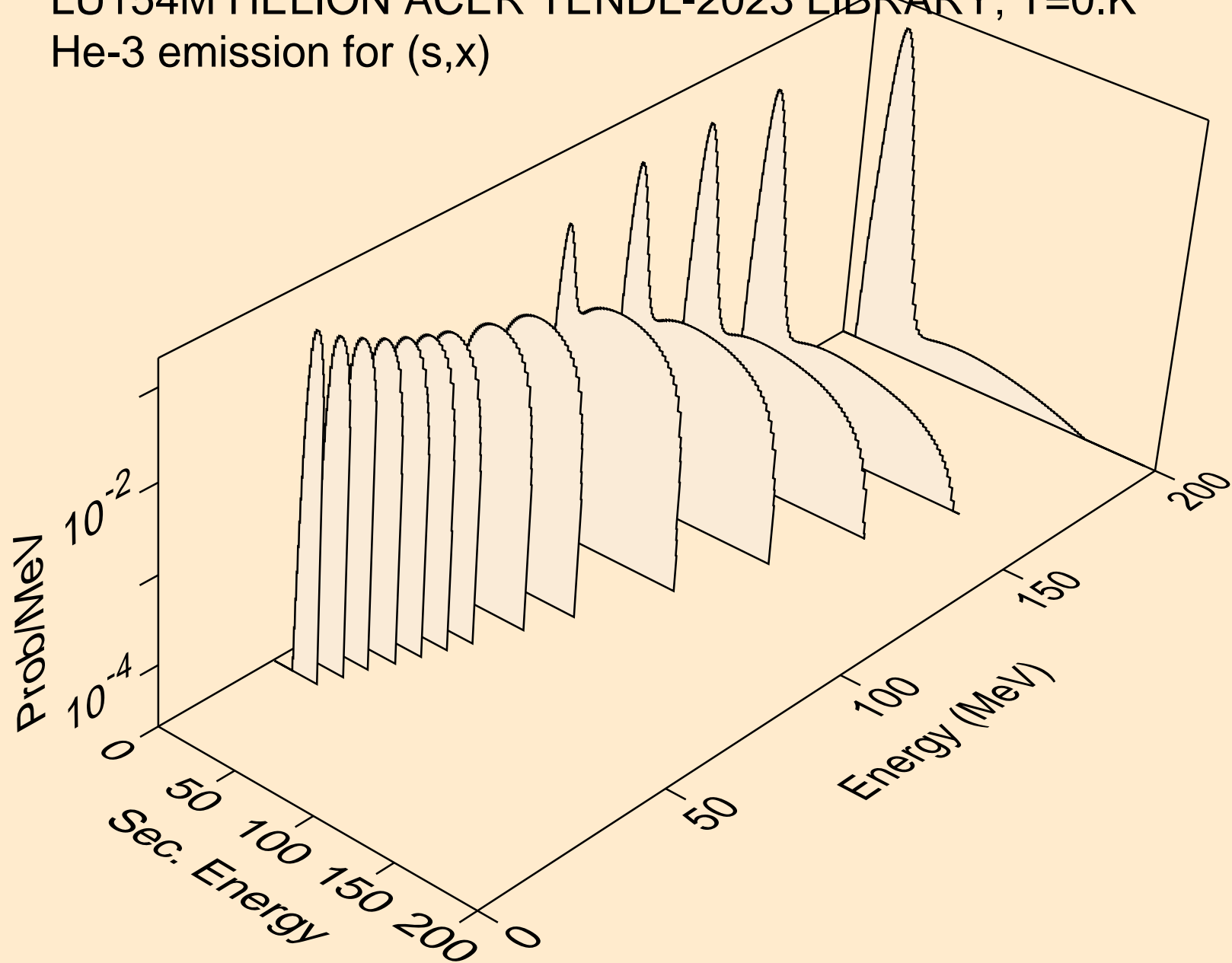
LU154M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



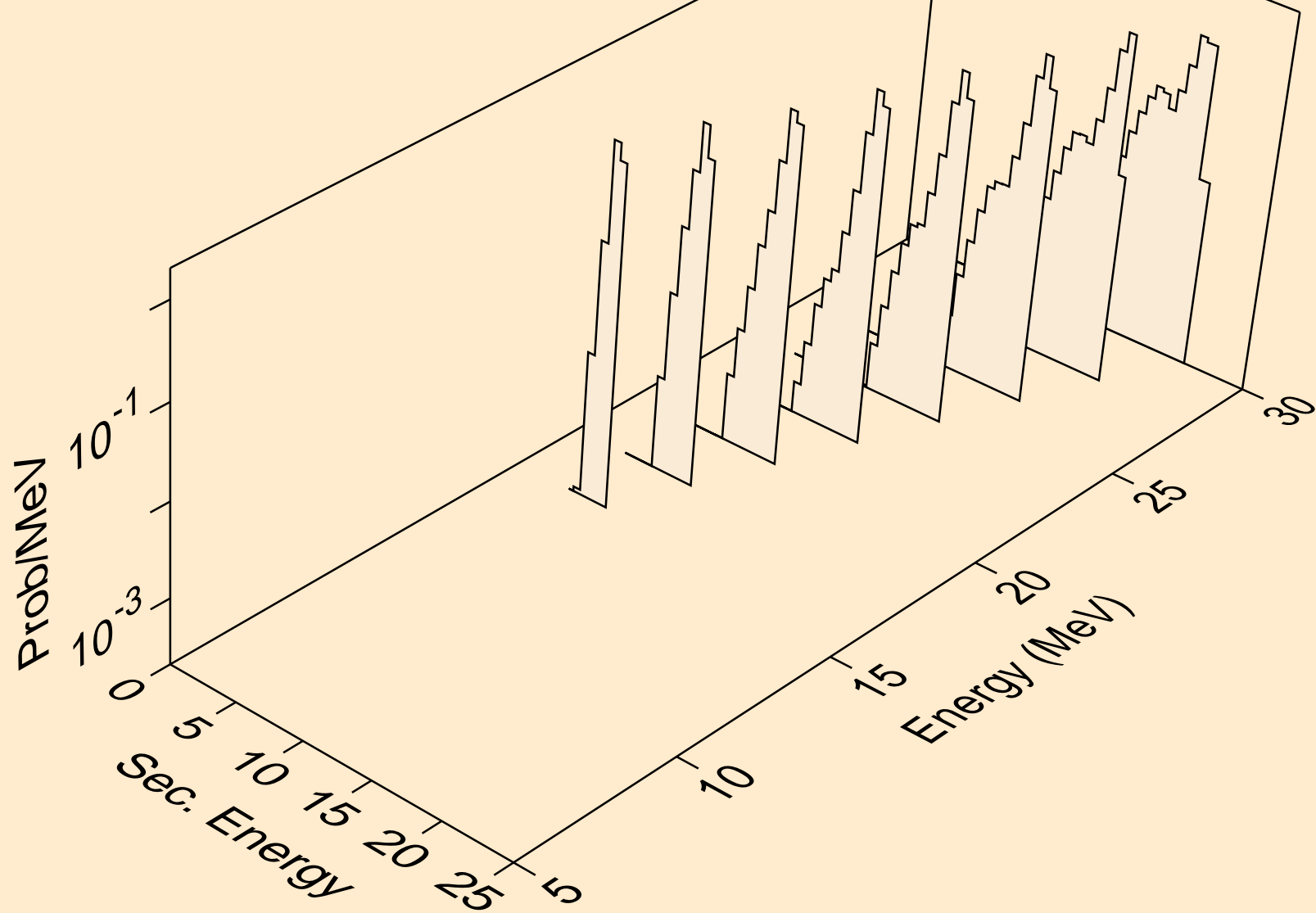
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angular distribution for elastic



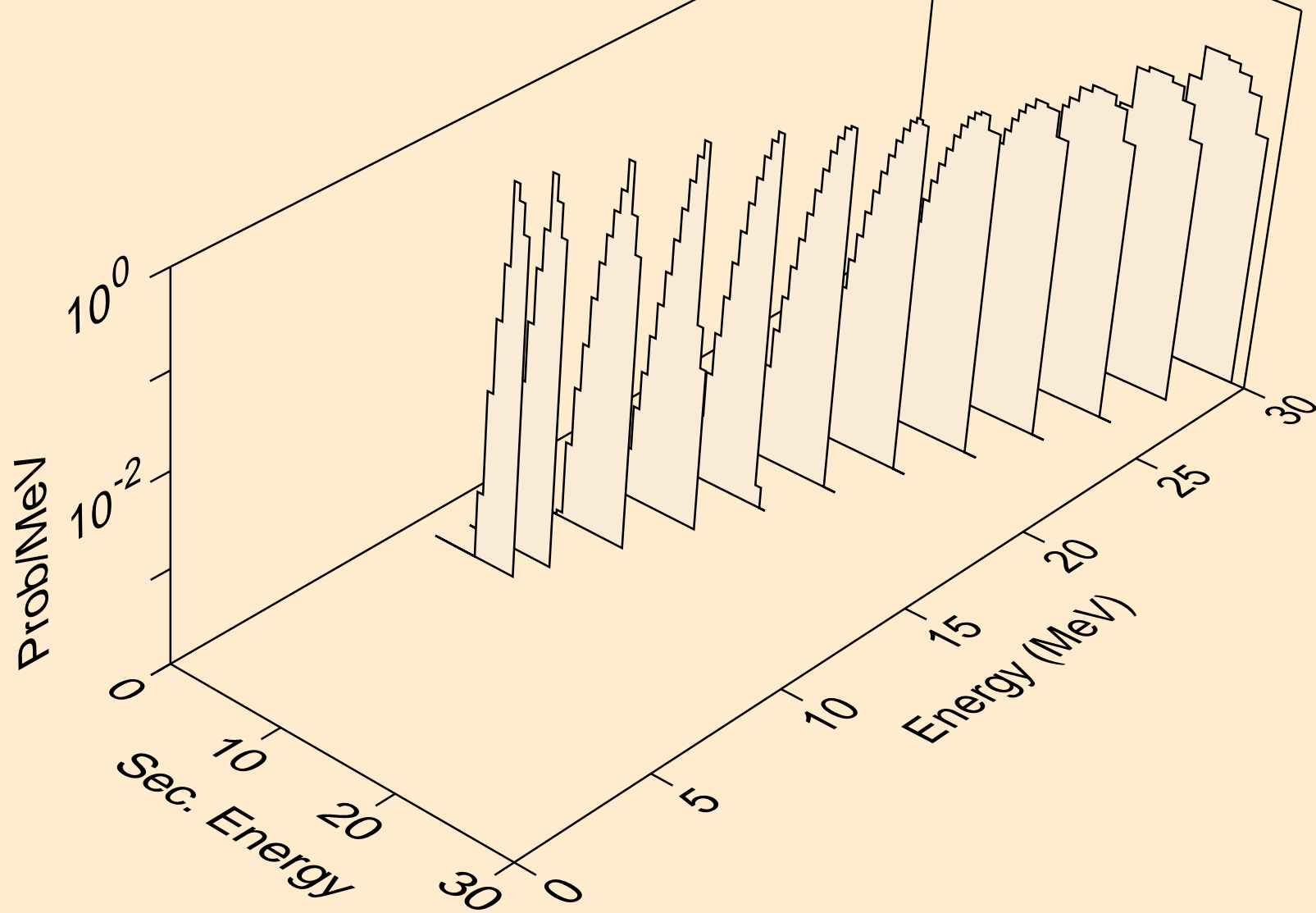
LU154M HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,x)



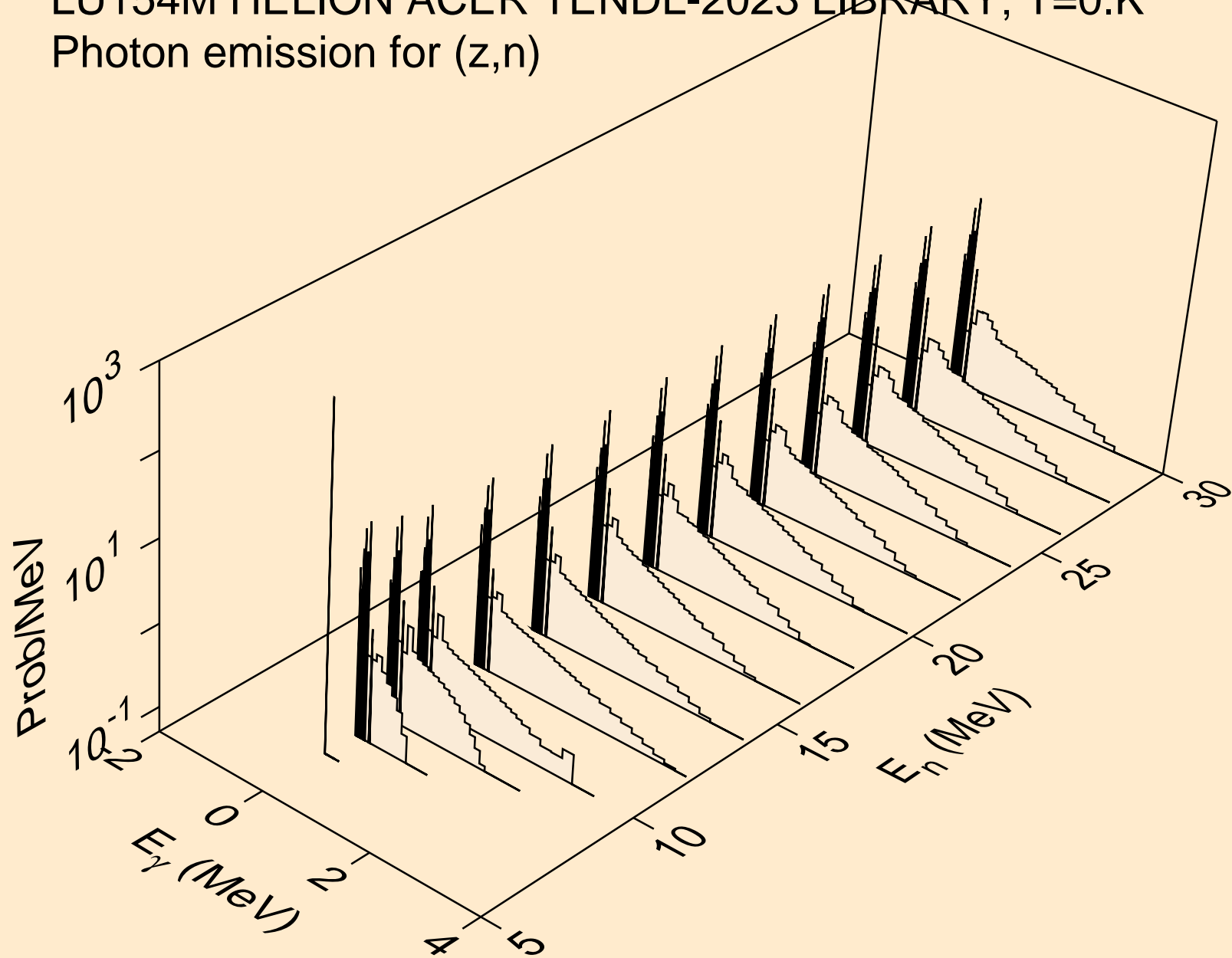
LU154M HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3



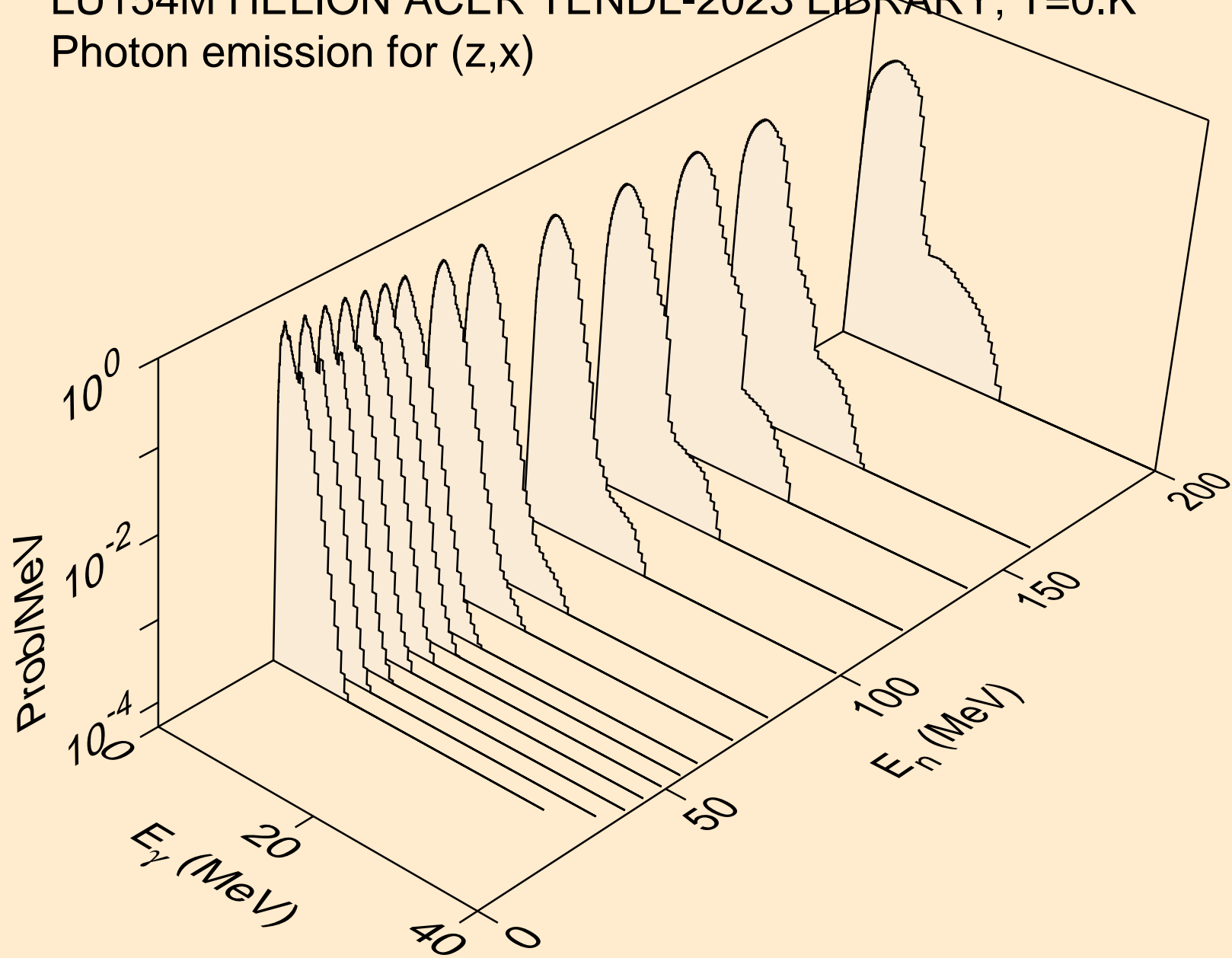
LU154M HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for inelastic



LU154M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)

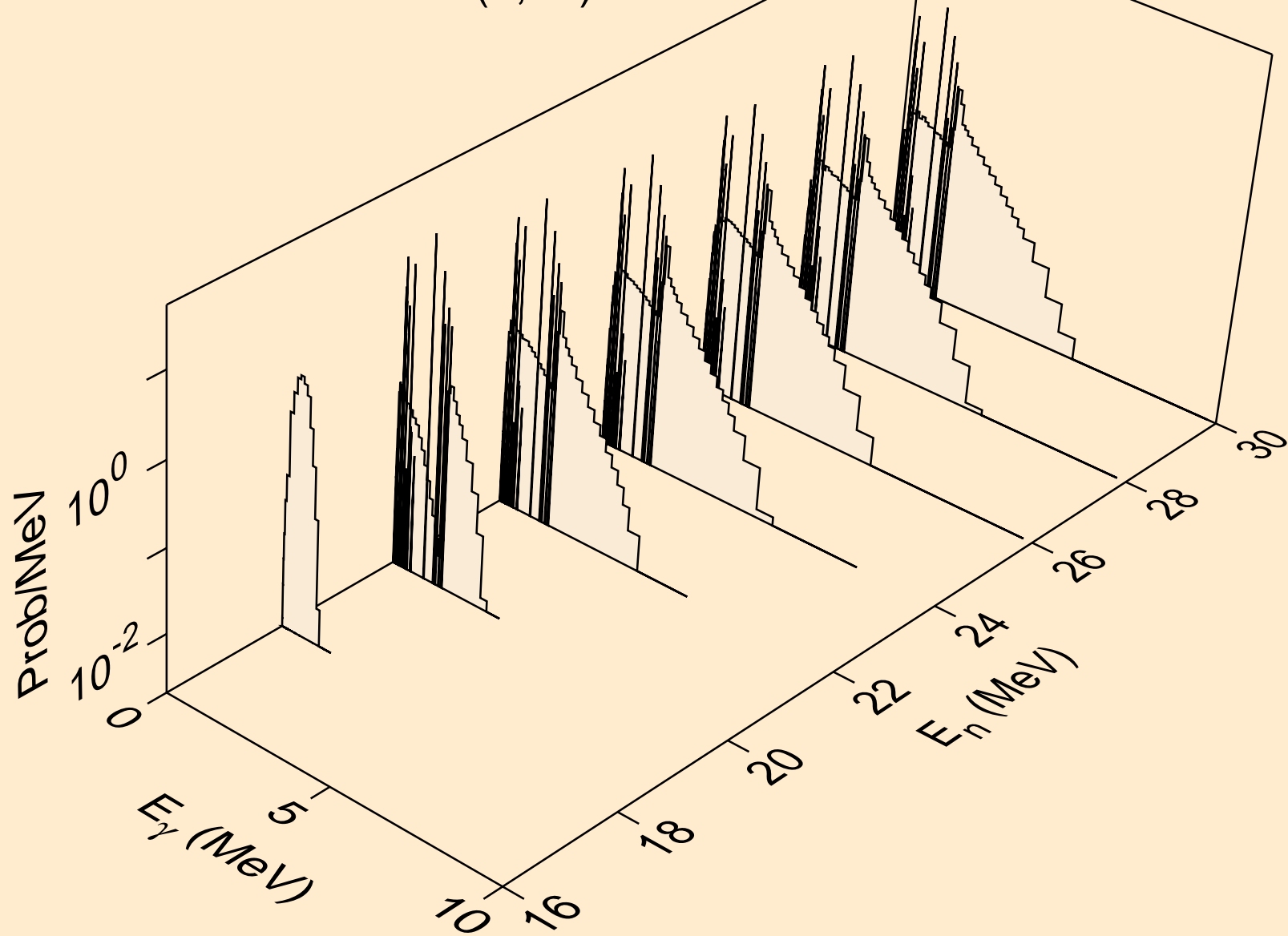


LU154M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)

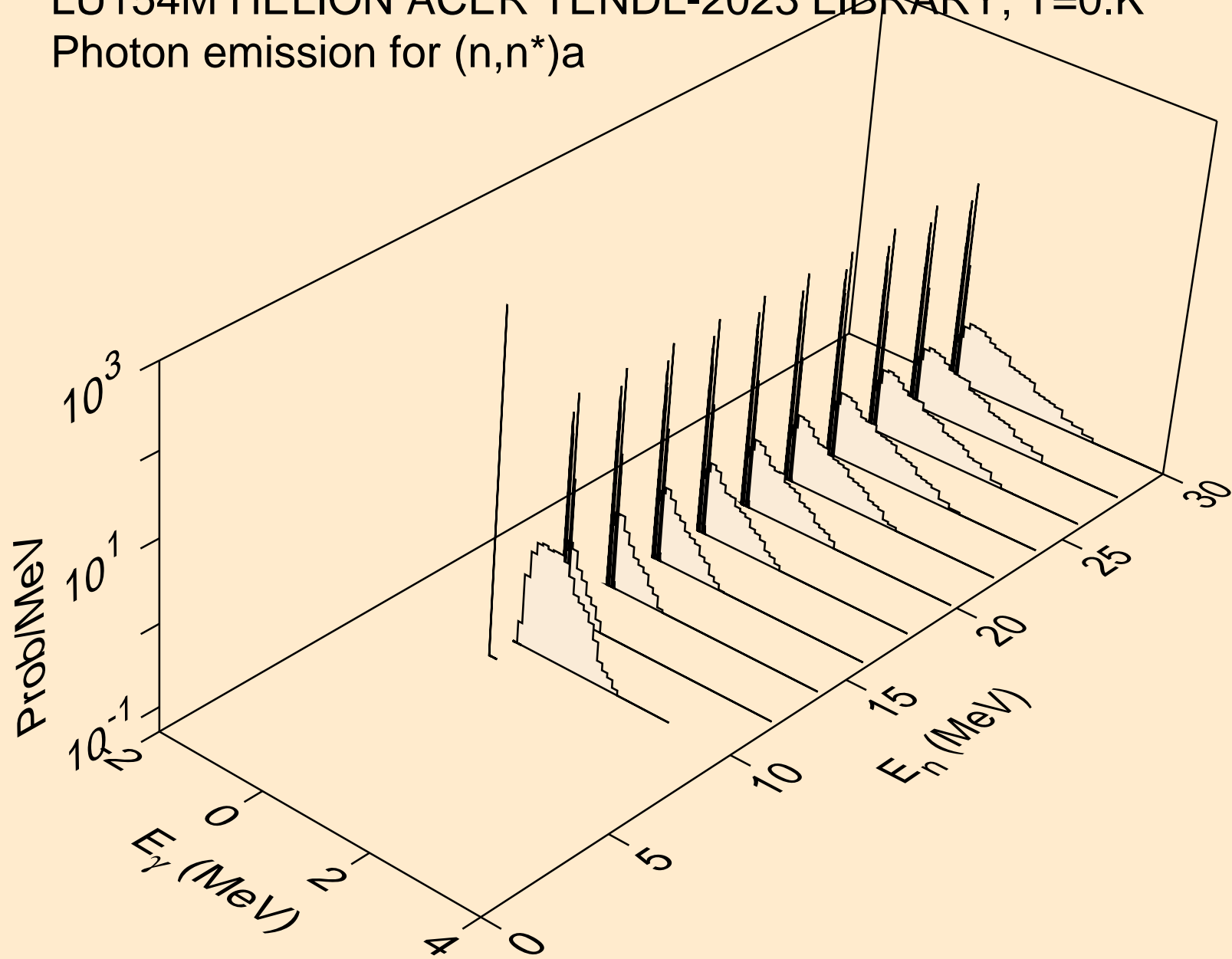




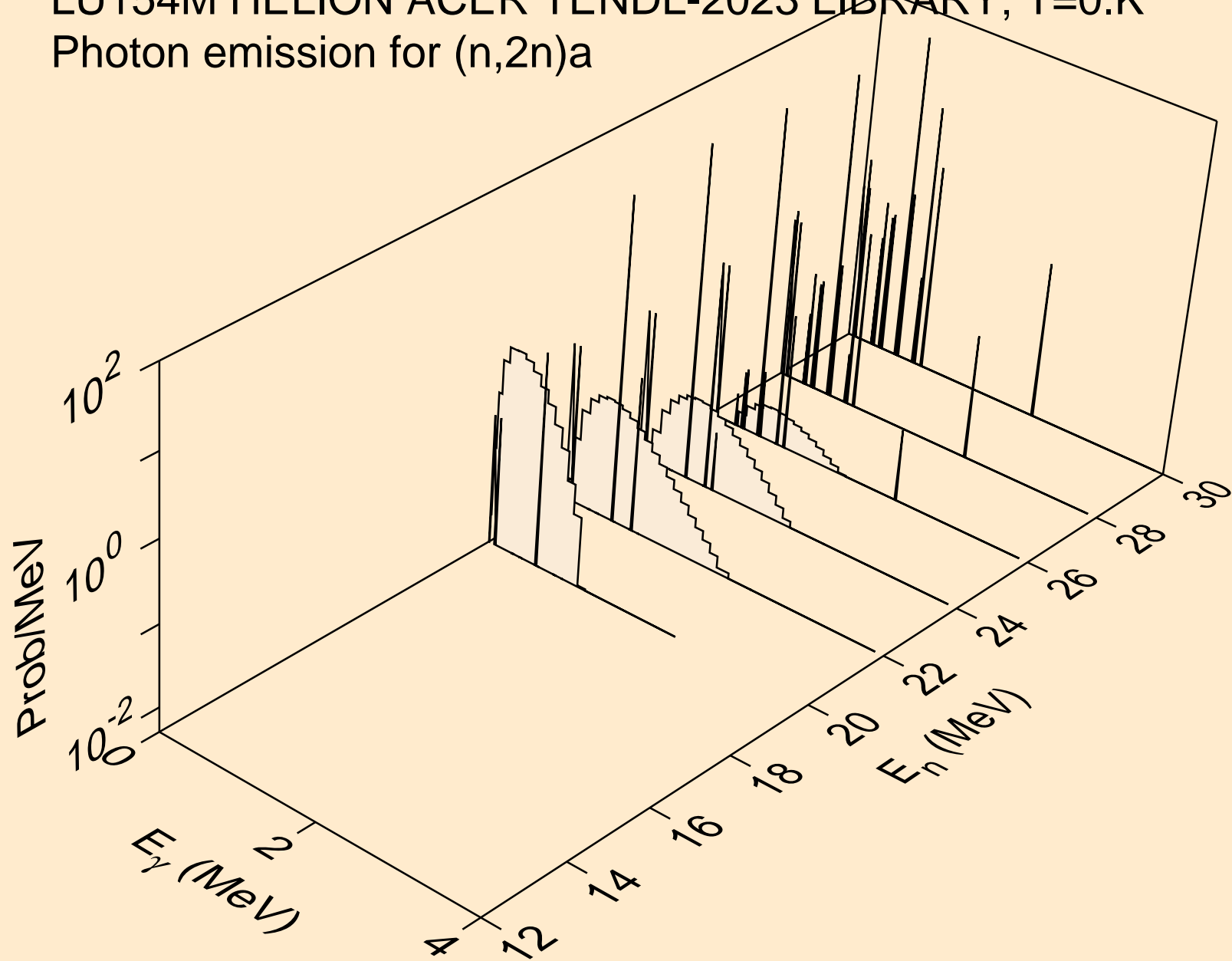
LU154M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



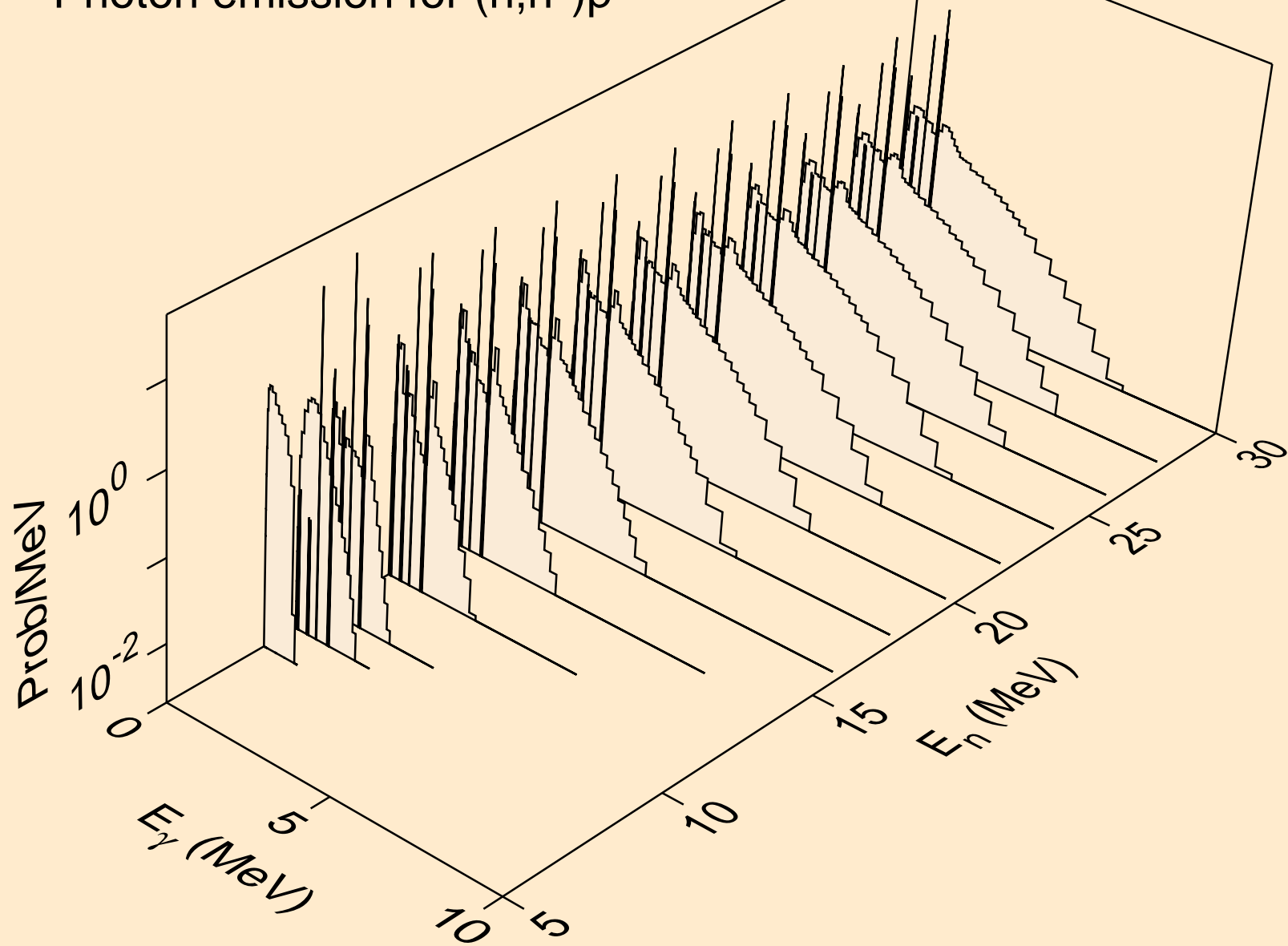
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Photon emission for (n,n\*)a



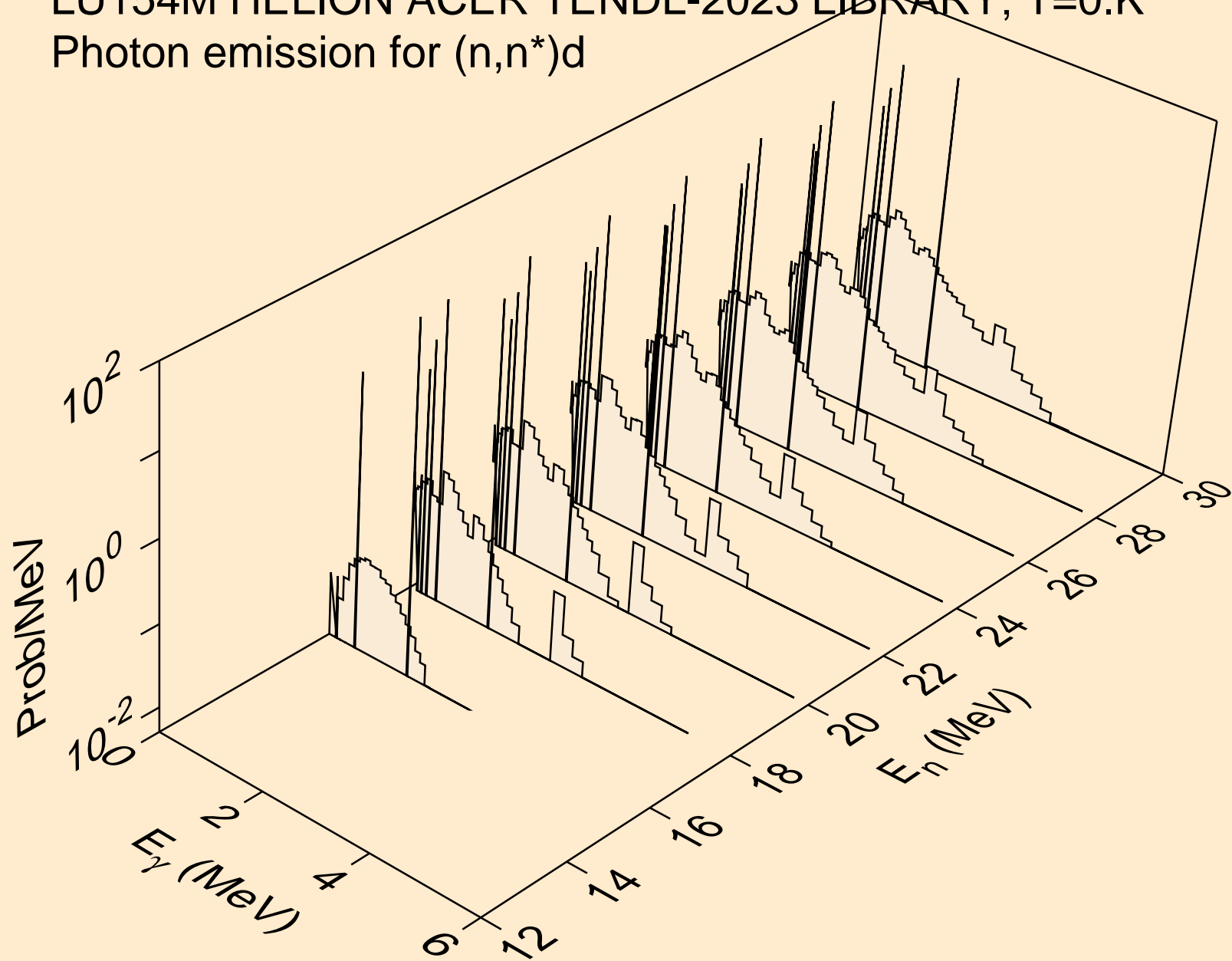
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Photon emission for (n,2n)a



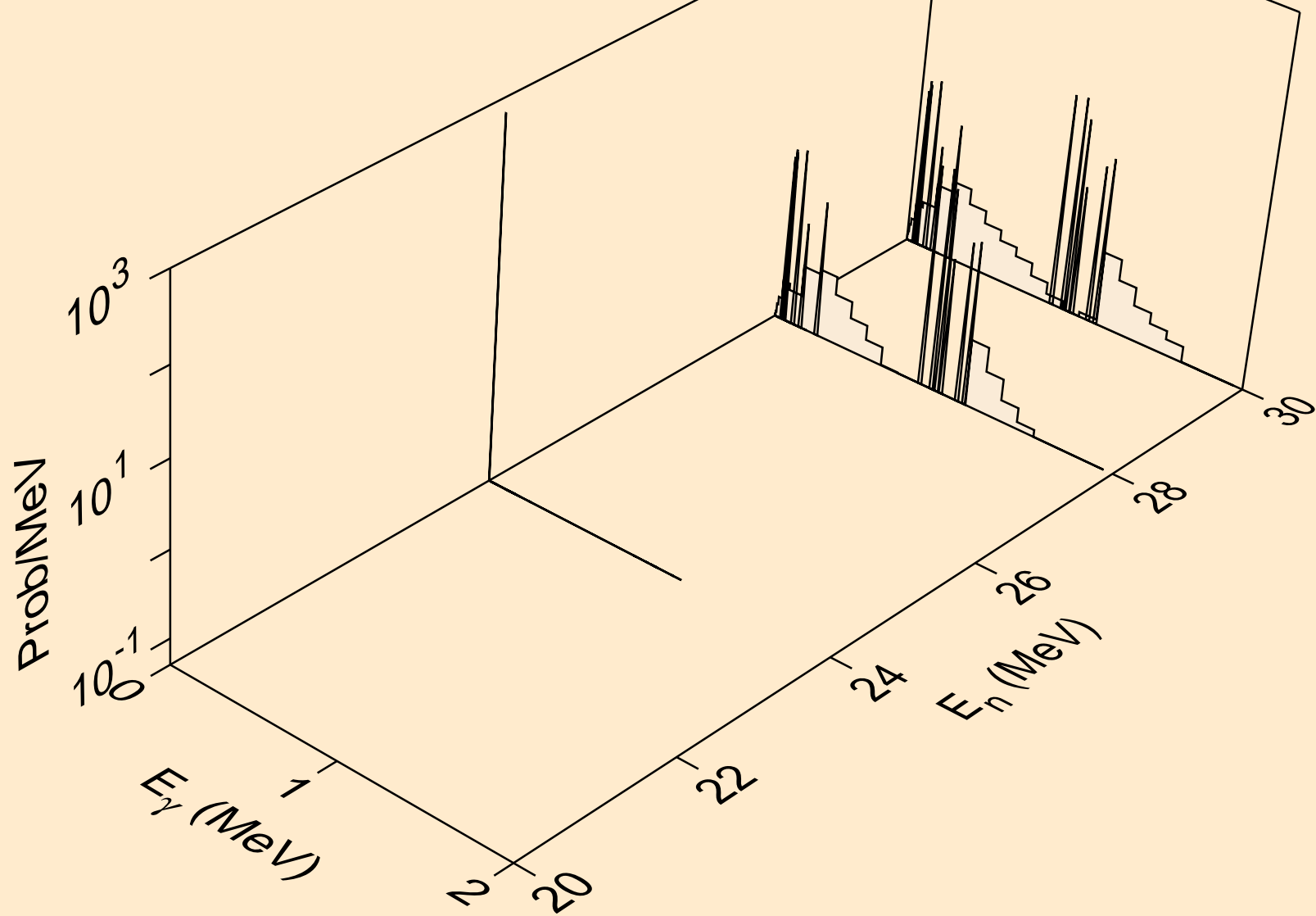
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Photon emission for (n,n\*)p



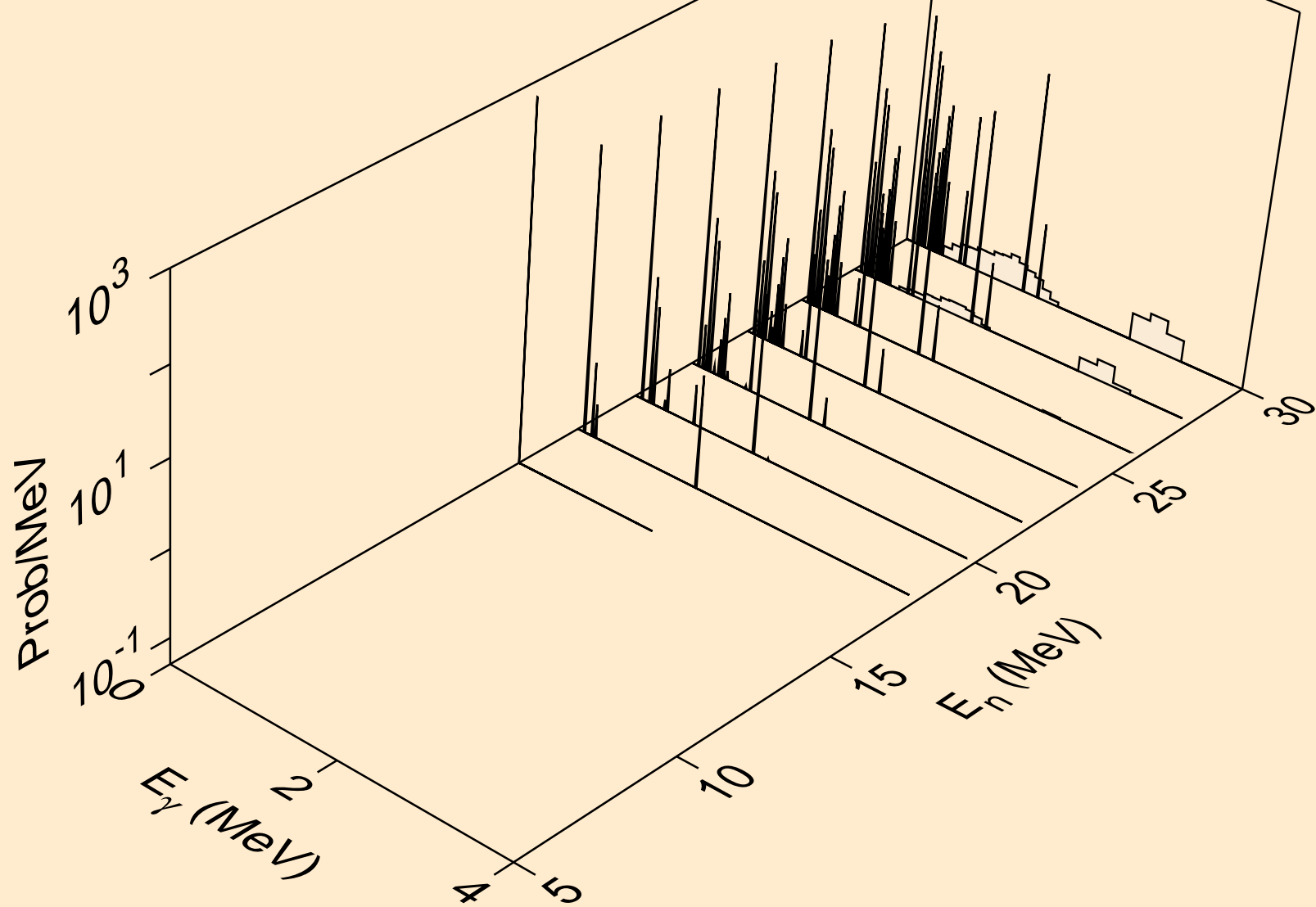
LU154M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



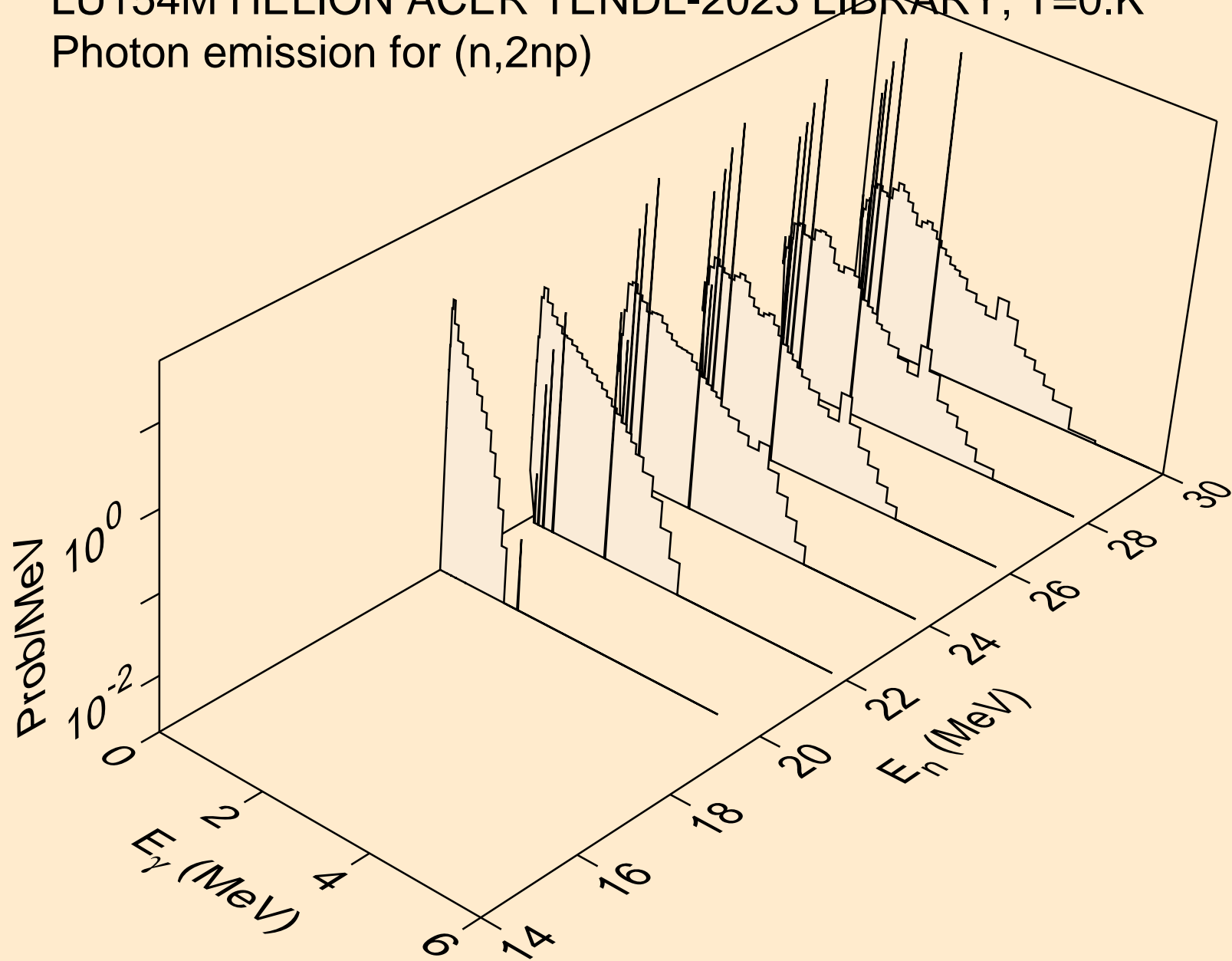
LU154M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



LU154M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

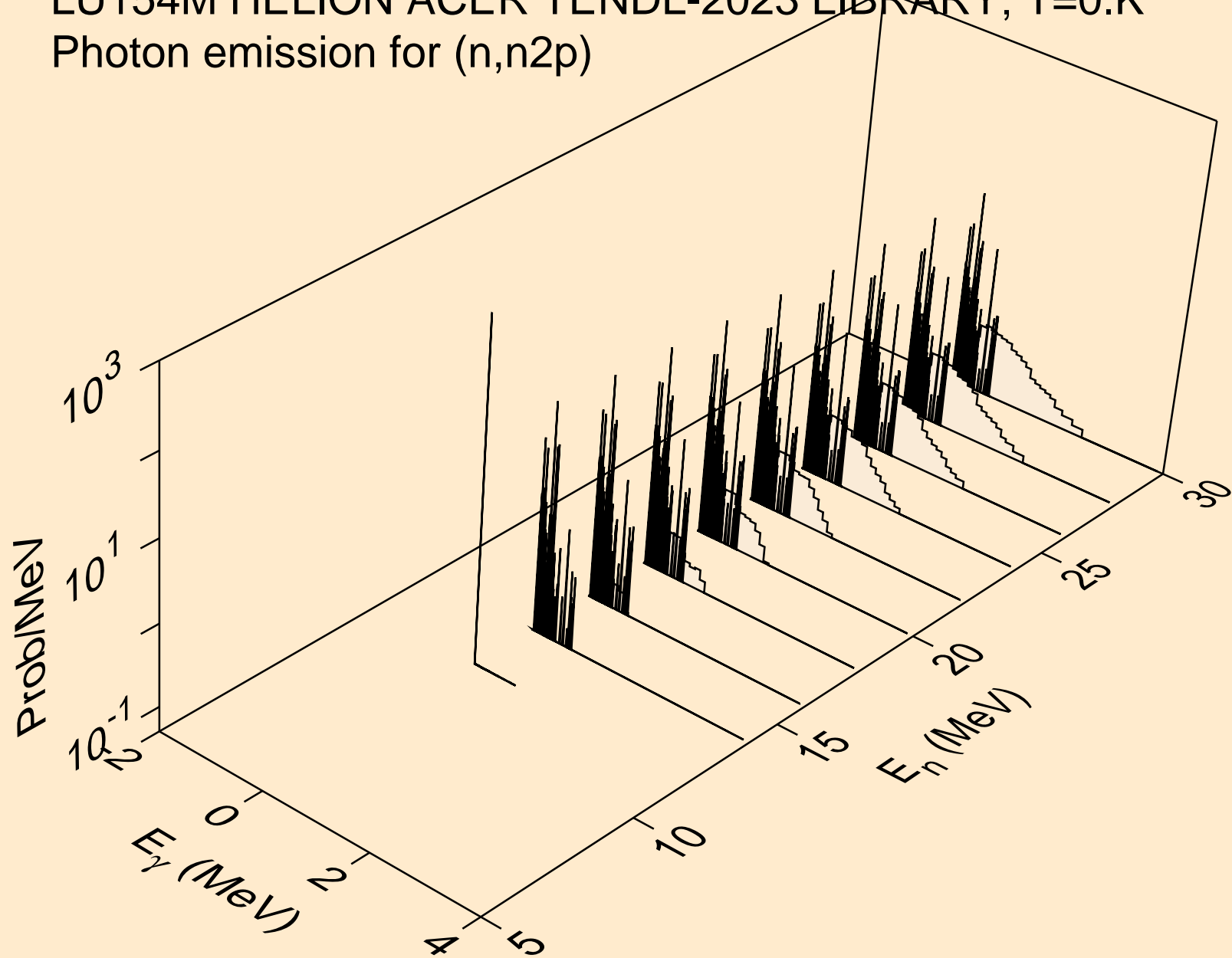


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Photon emission for (n,2np)

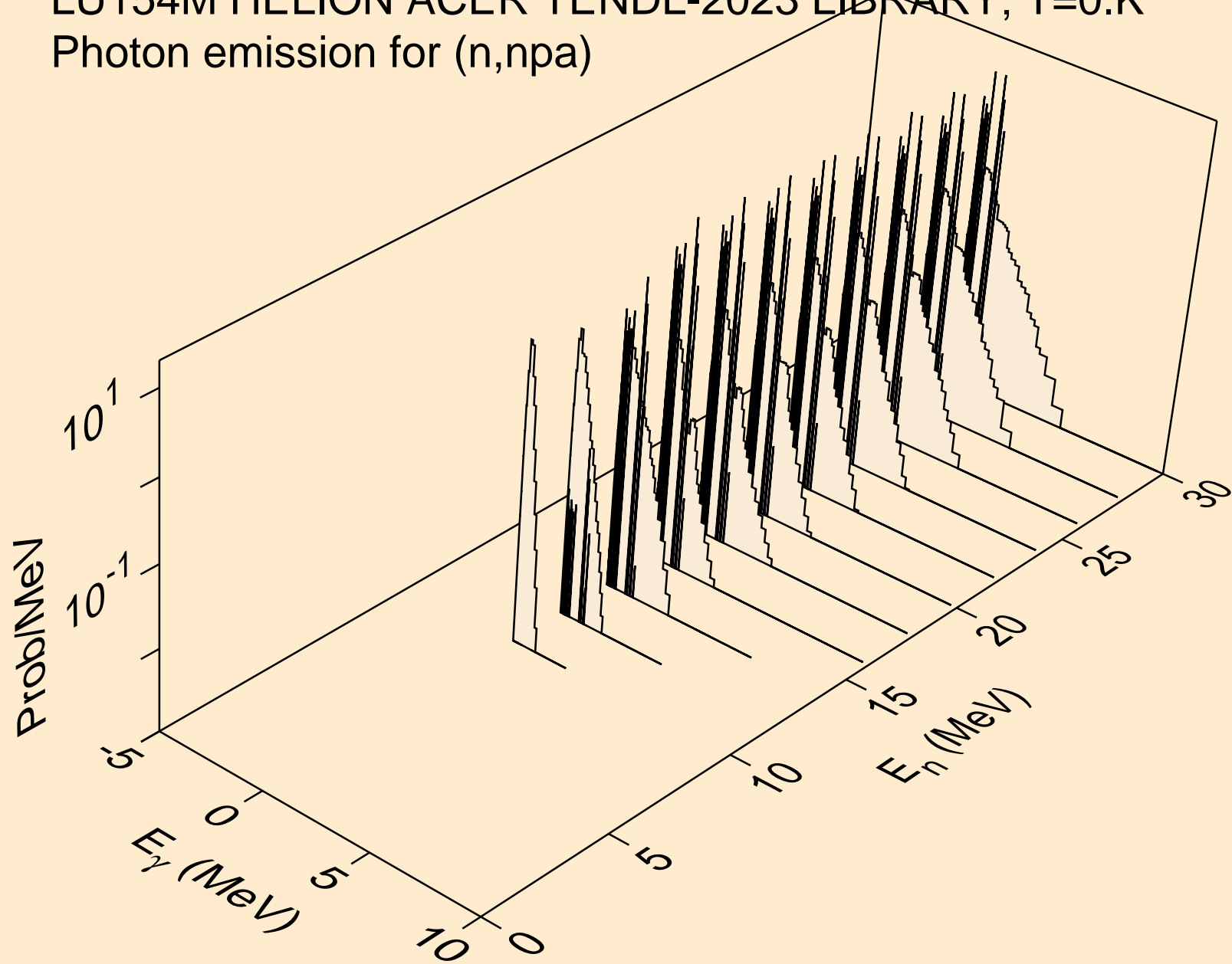




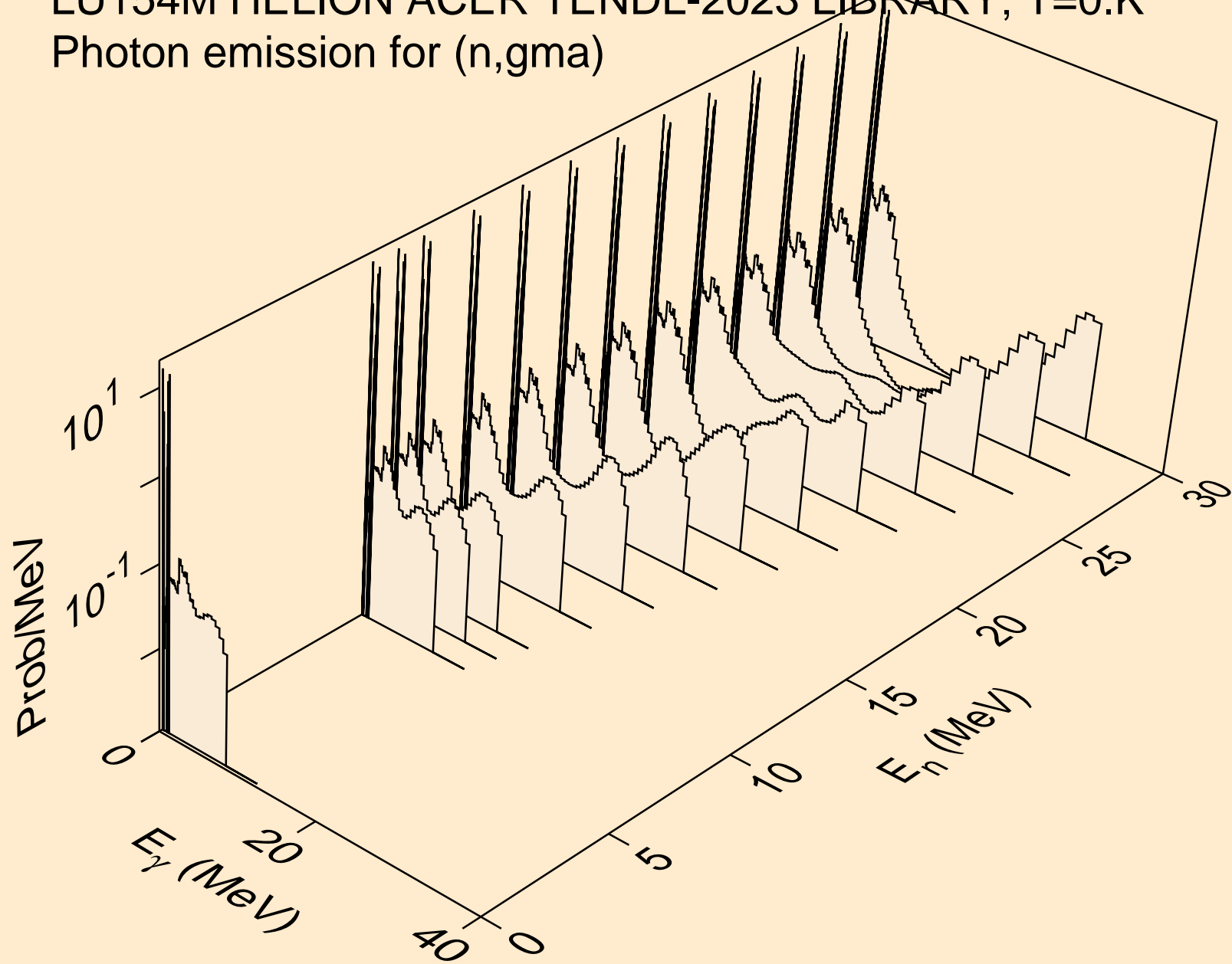
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Photon emission for (n,n2p)



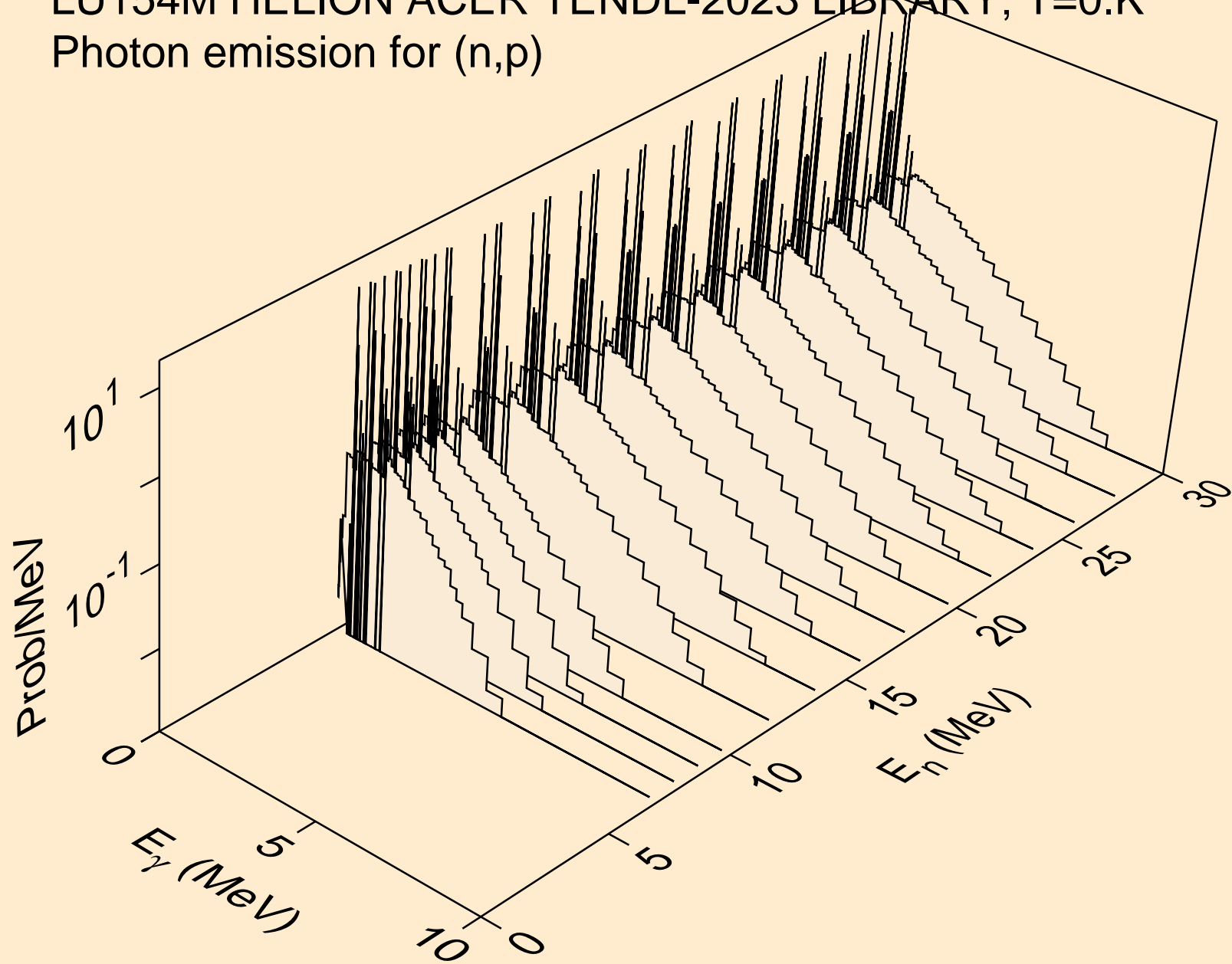
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Photon emission for (n,npa)



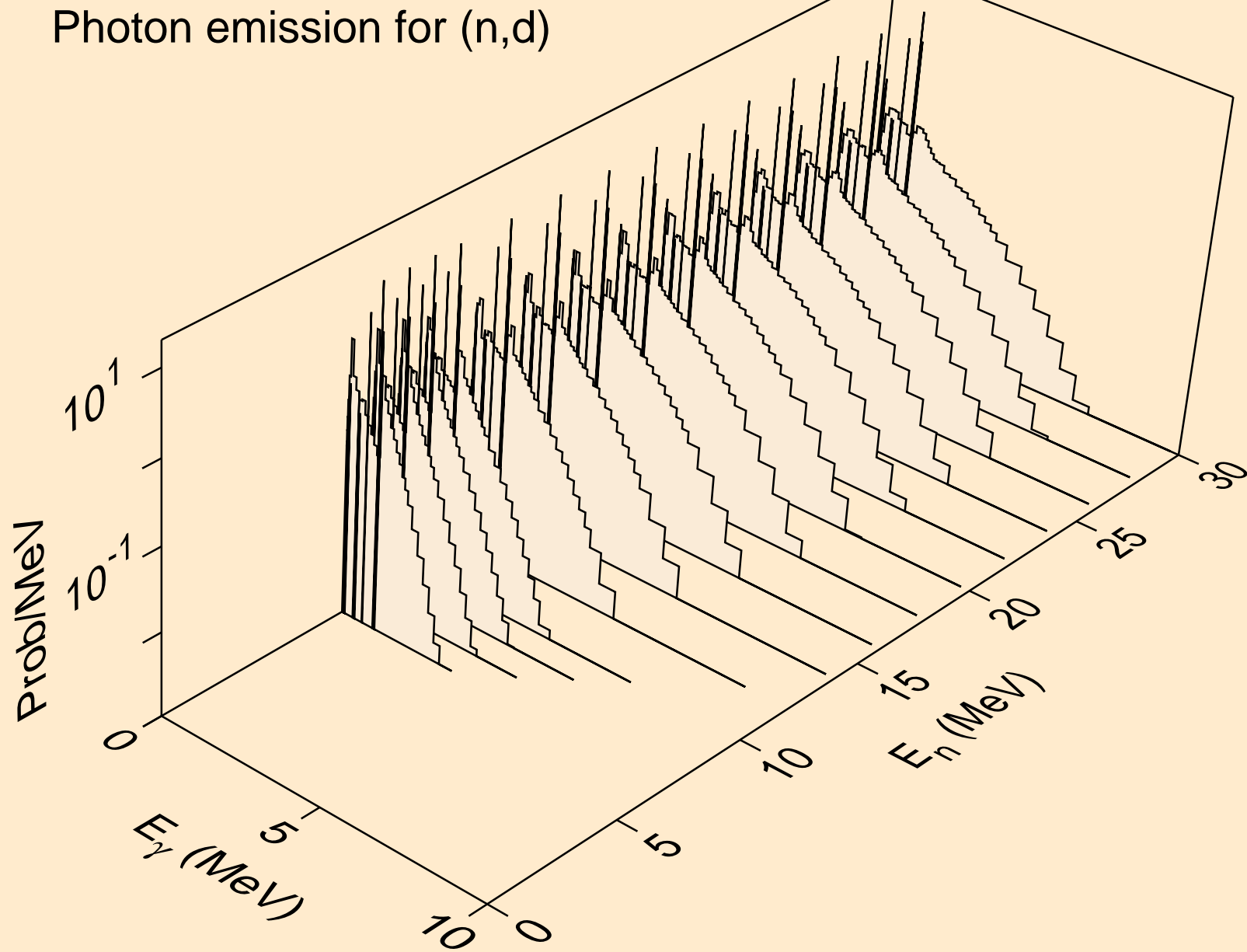
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Photon emission for (n,gma)



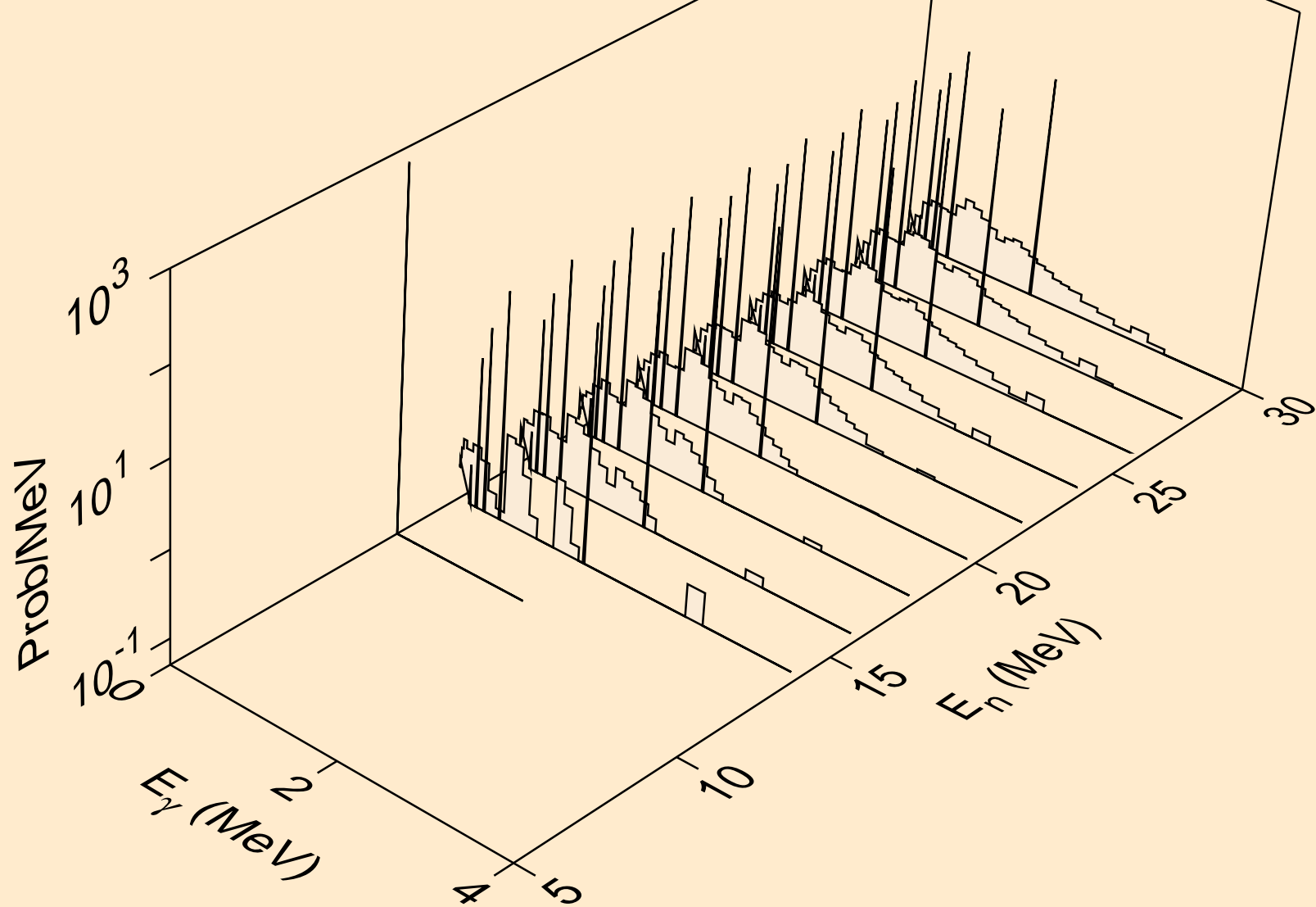
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Photon emission for (n,p)



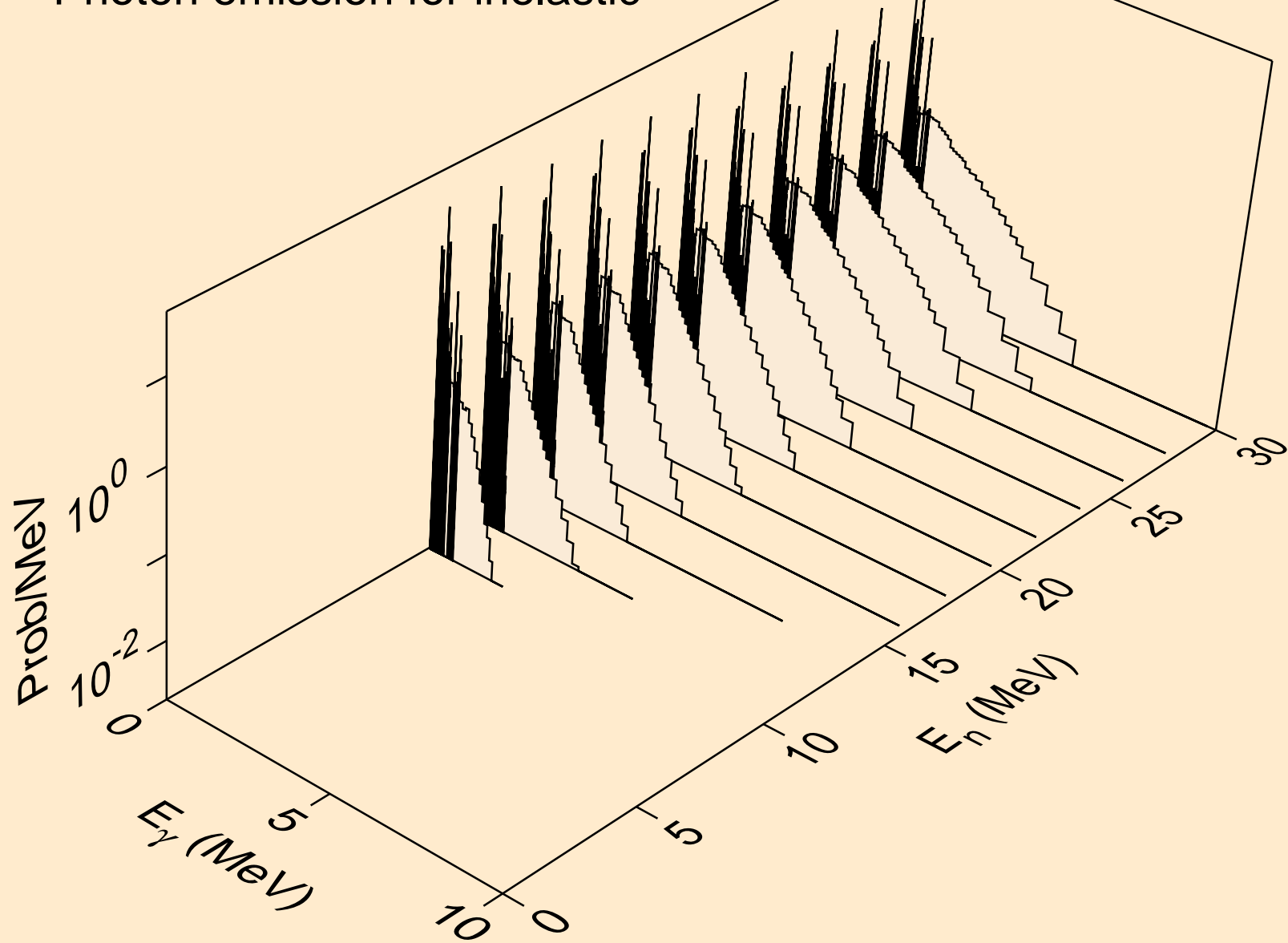
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Photon emission for (n,d)



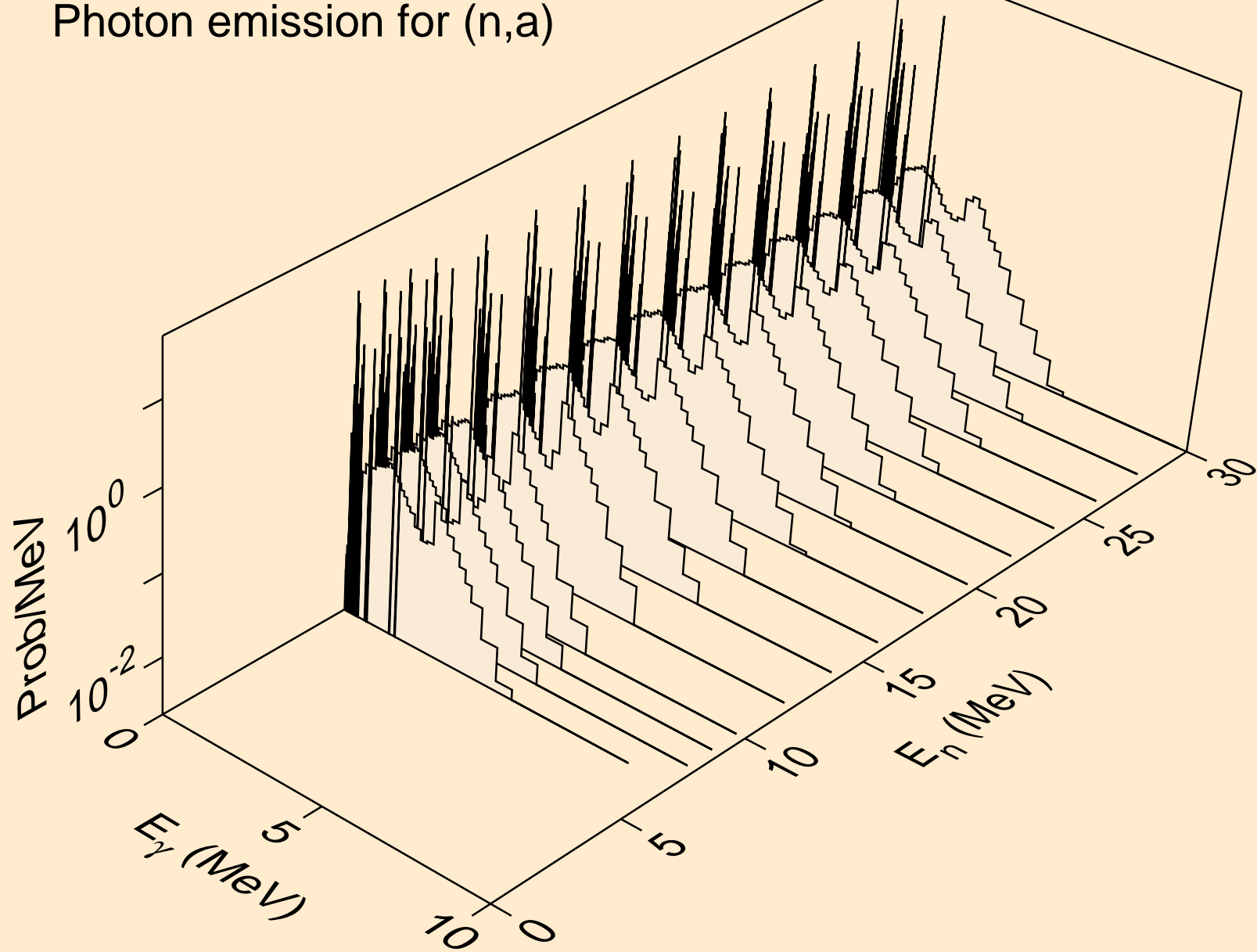
LU154M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



LU154M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

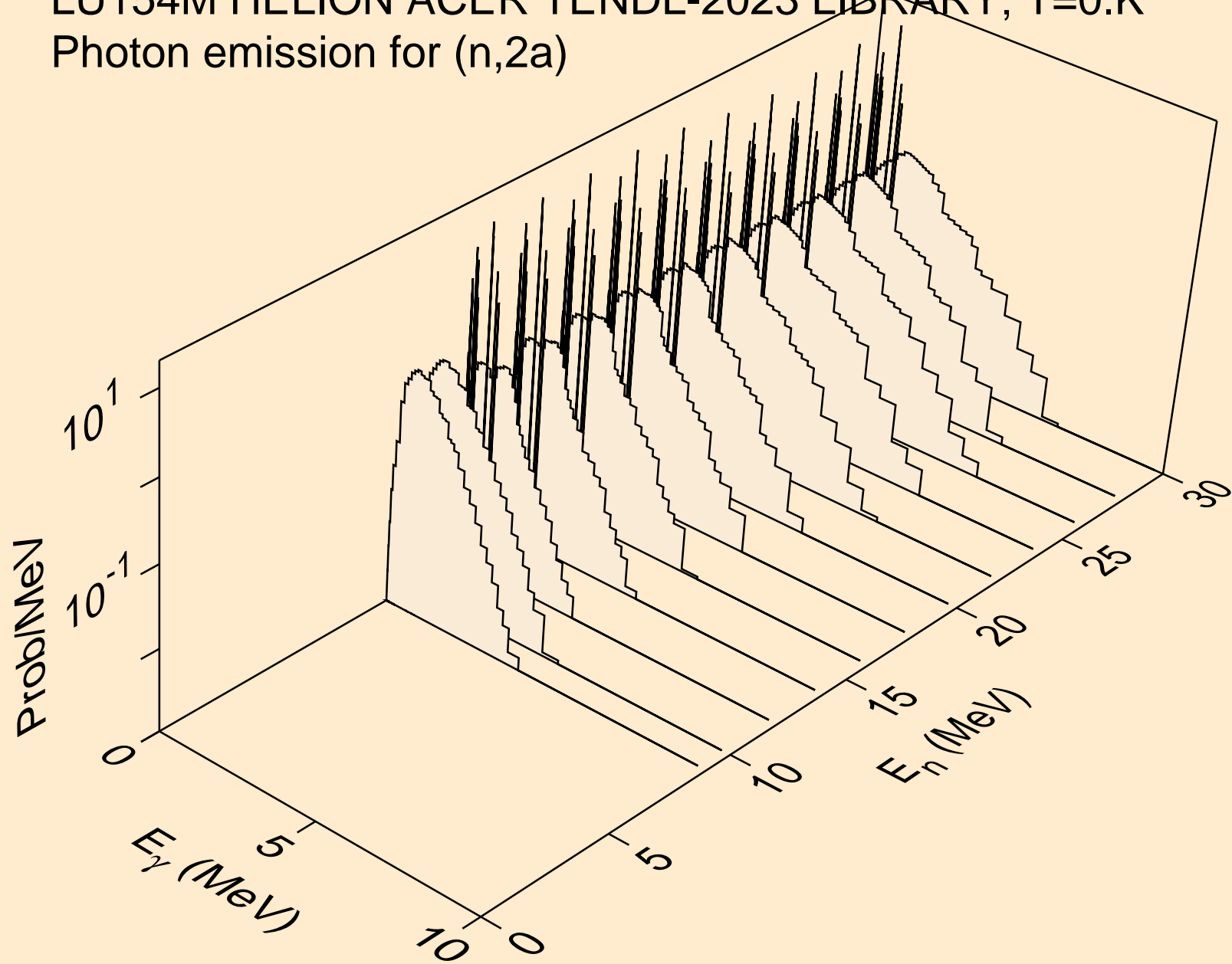


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Photon emission for (n,a)

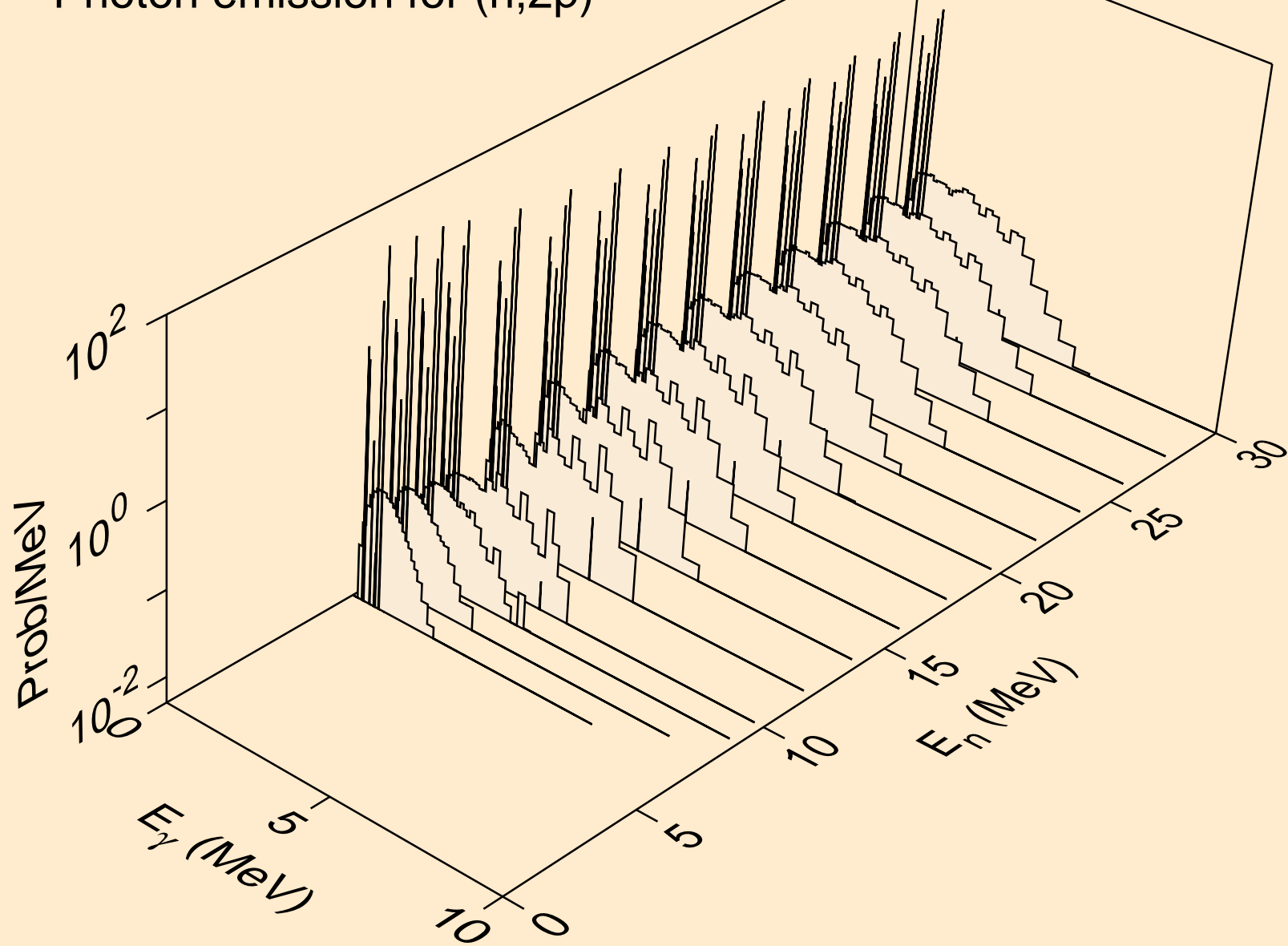




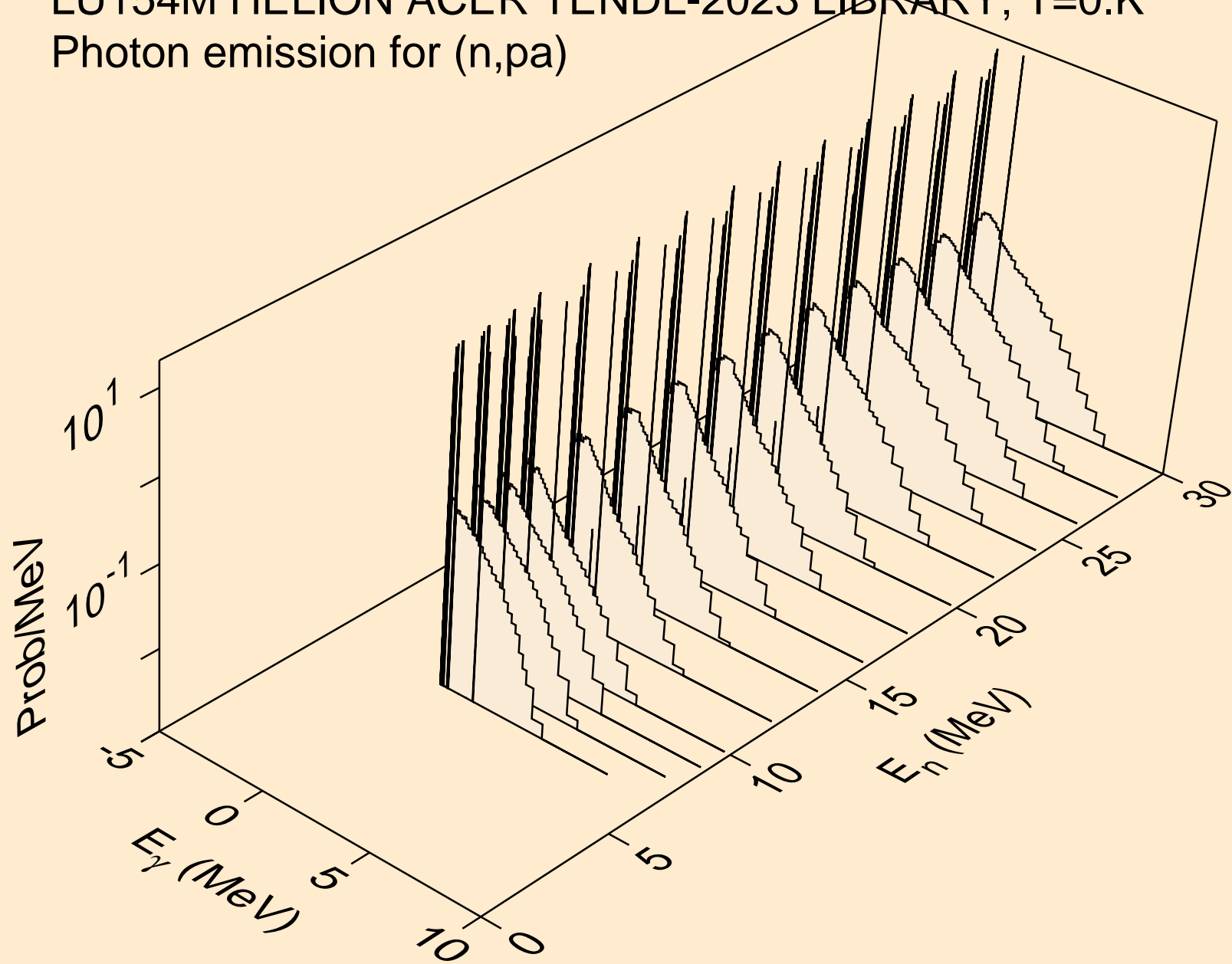
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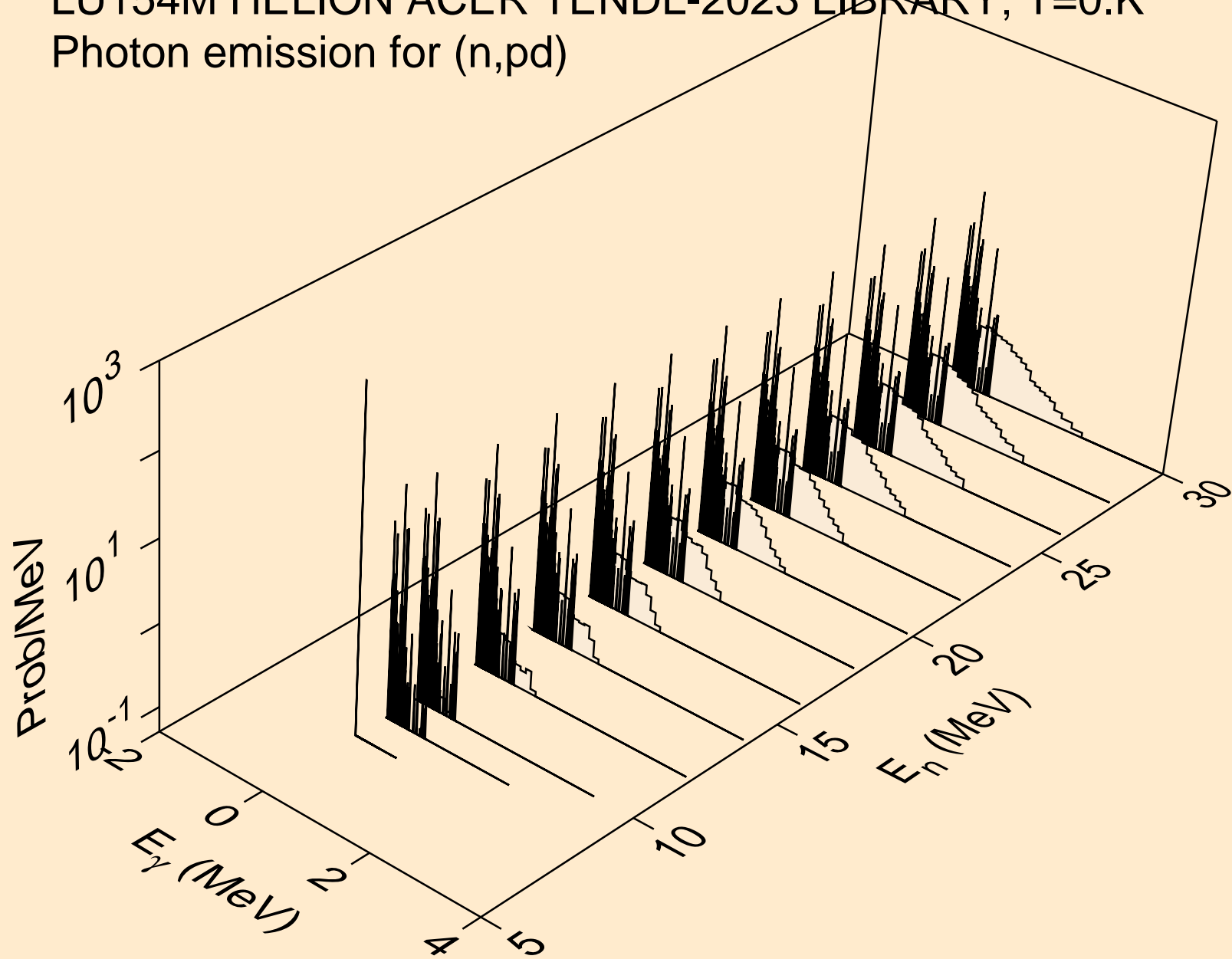
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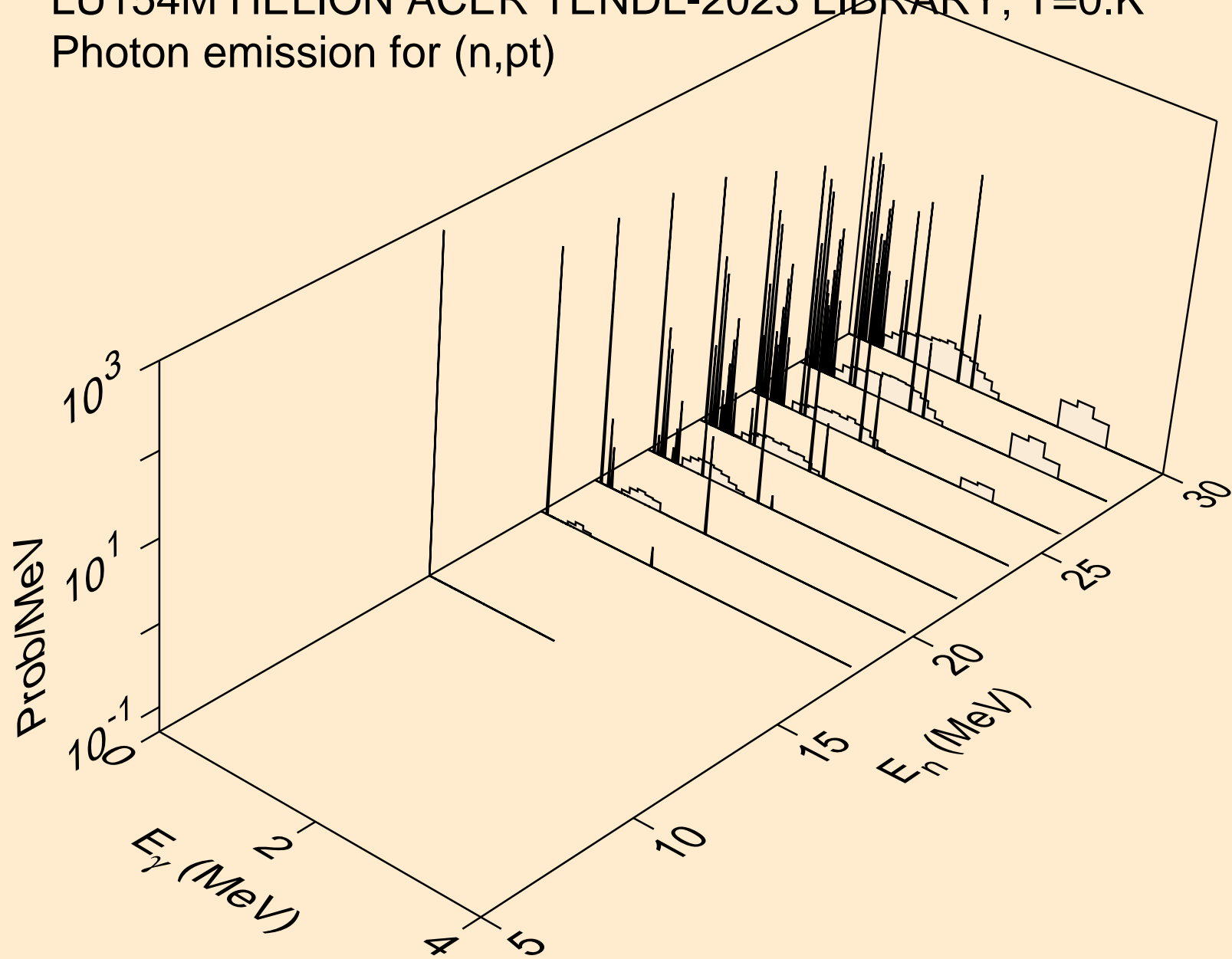
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Photon emission for (n,pa)



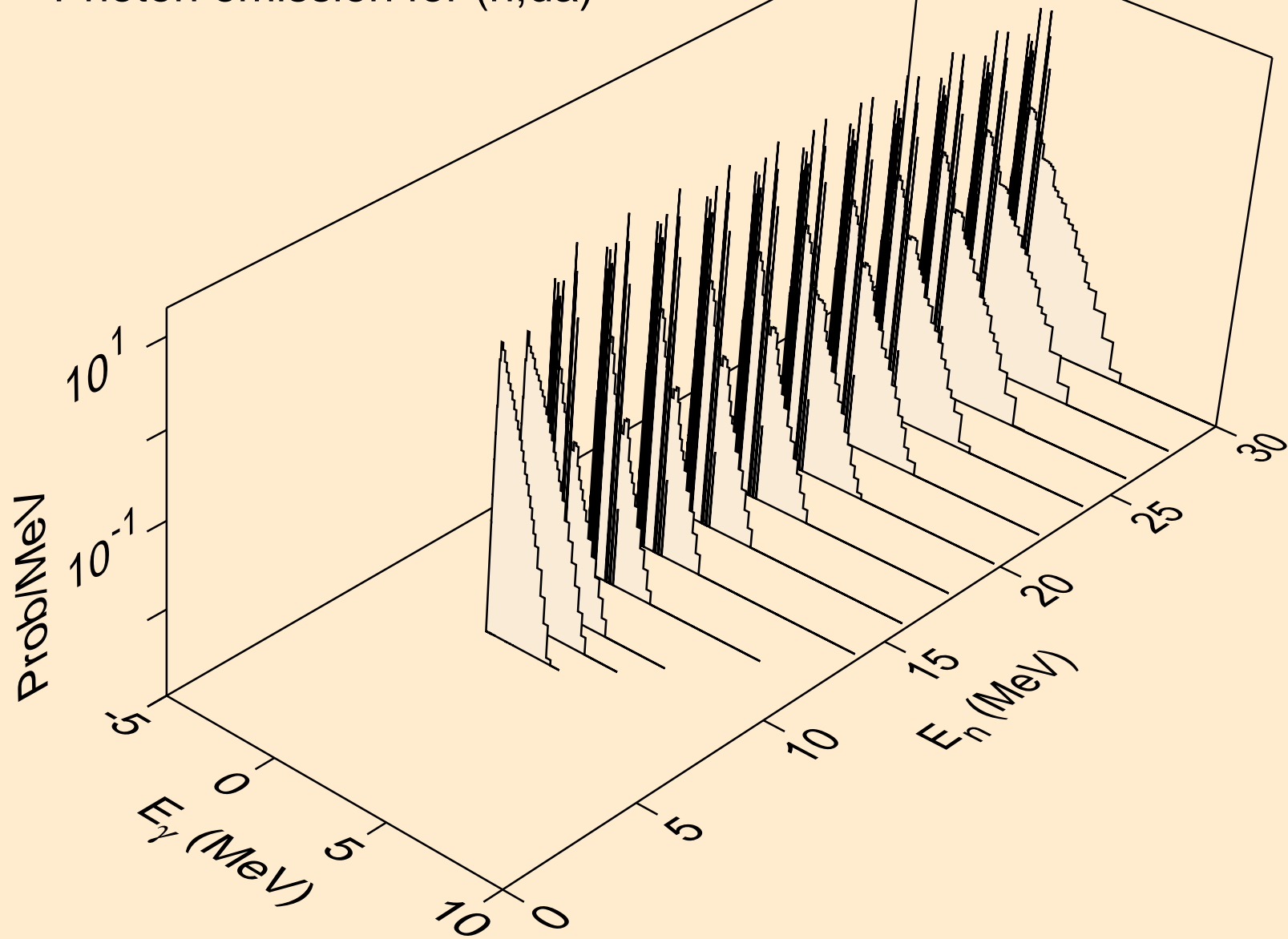
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Photon emission for (n,pd)



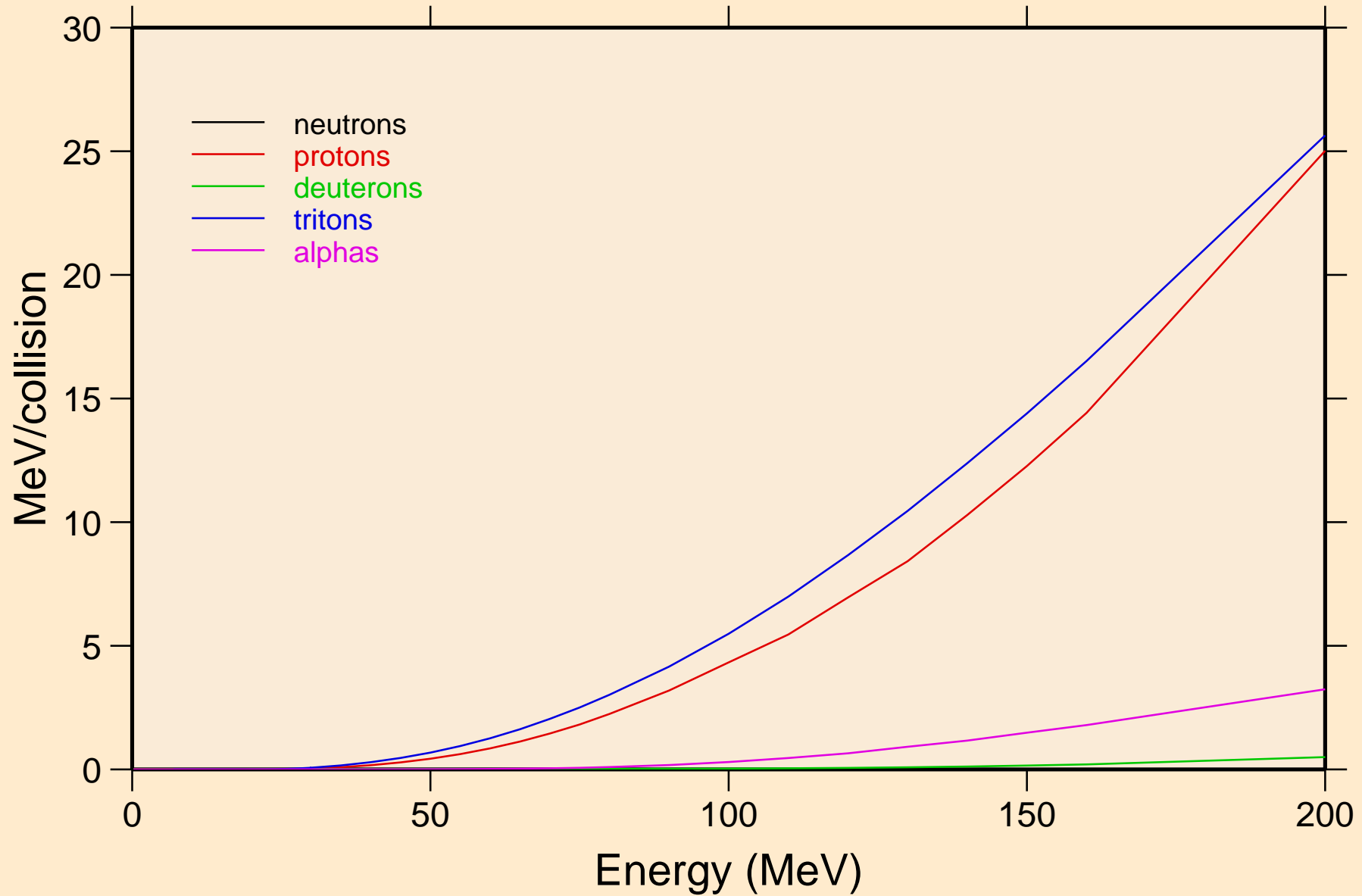
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Photon emission for (n,pt)



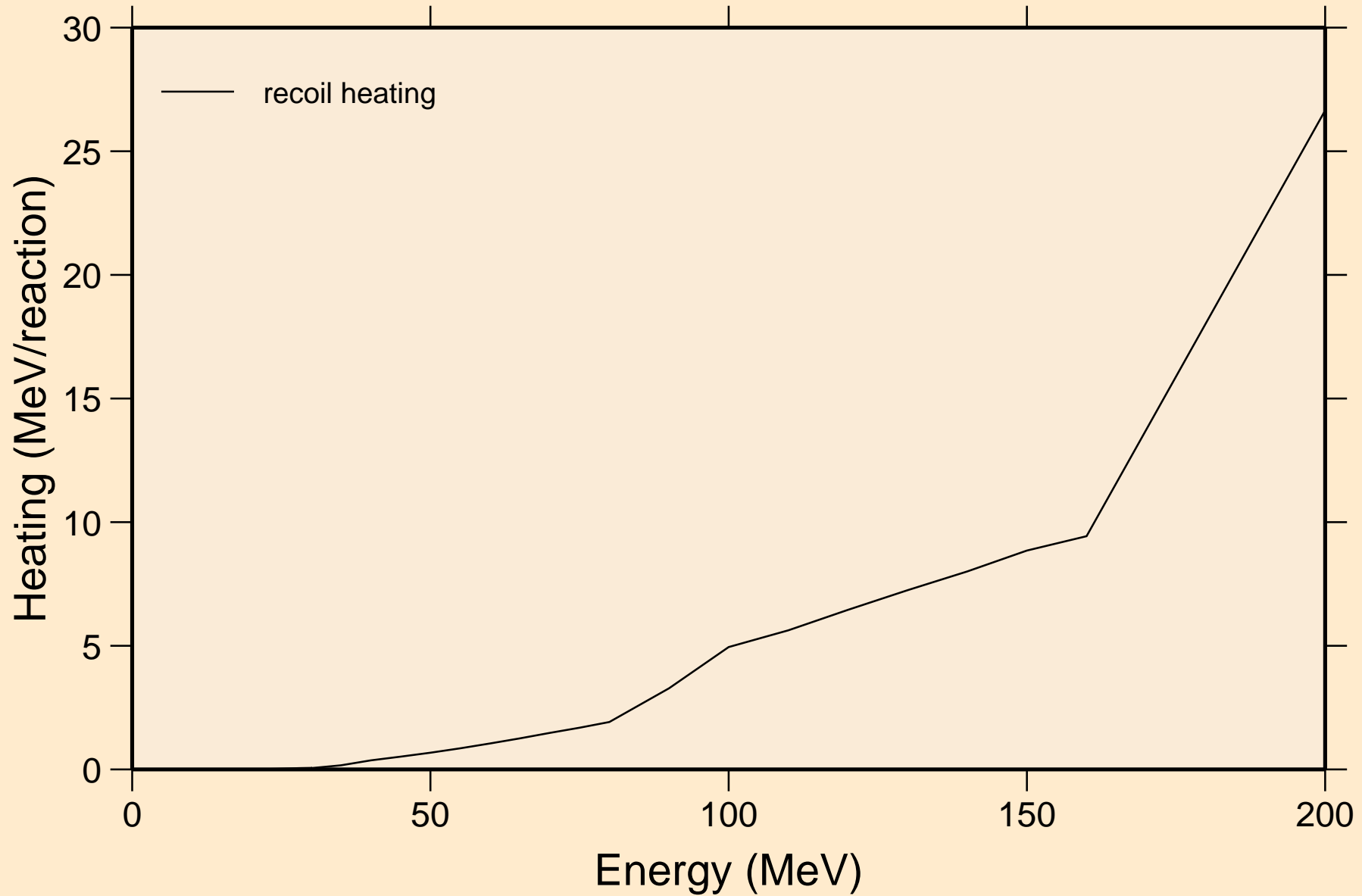
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Photon emission for (n,da)



LU154M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions

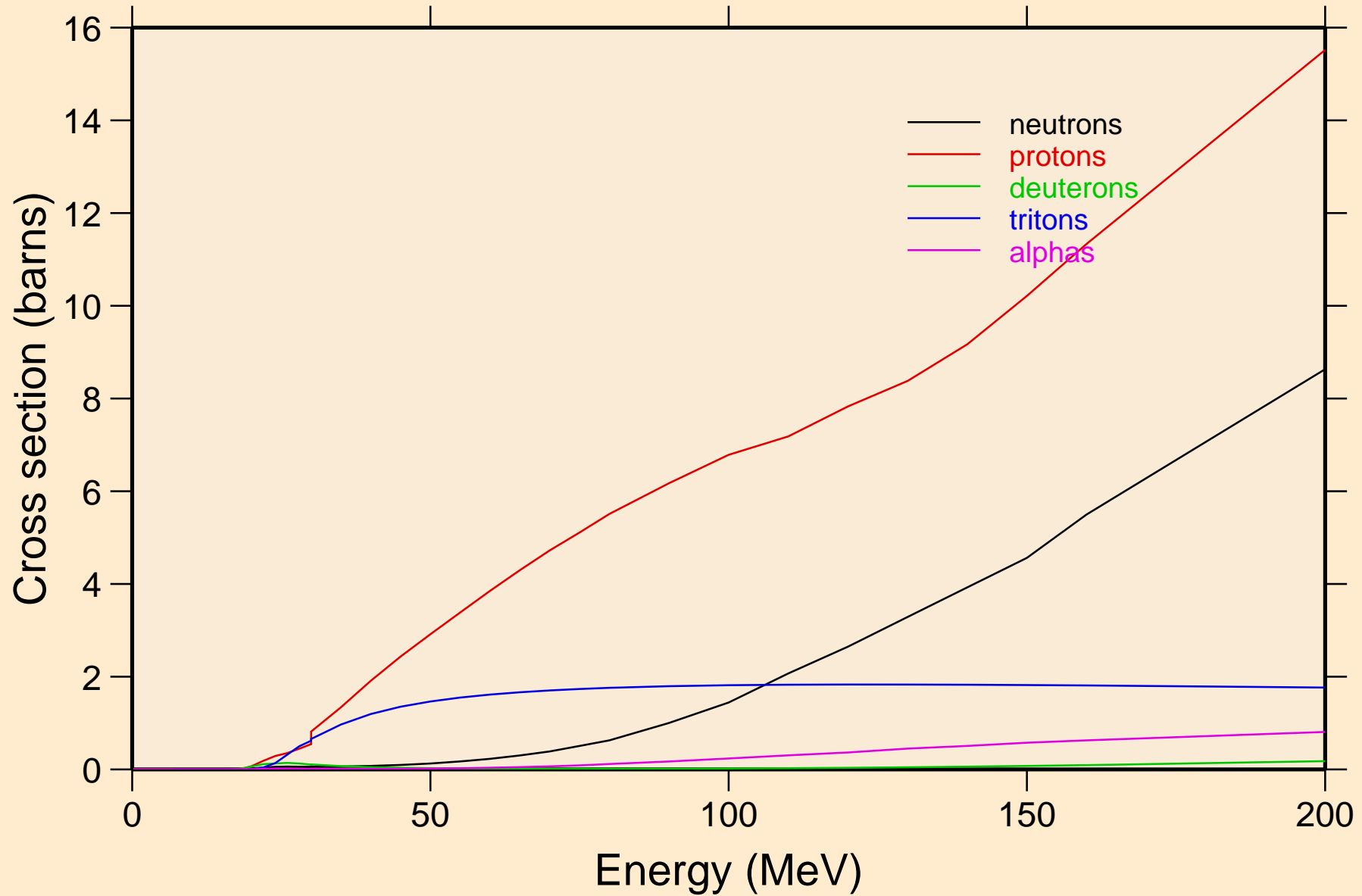


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Recoil Heating

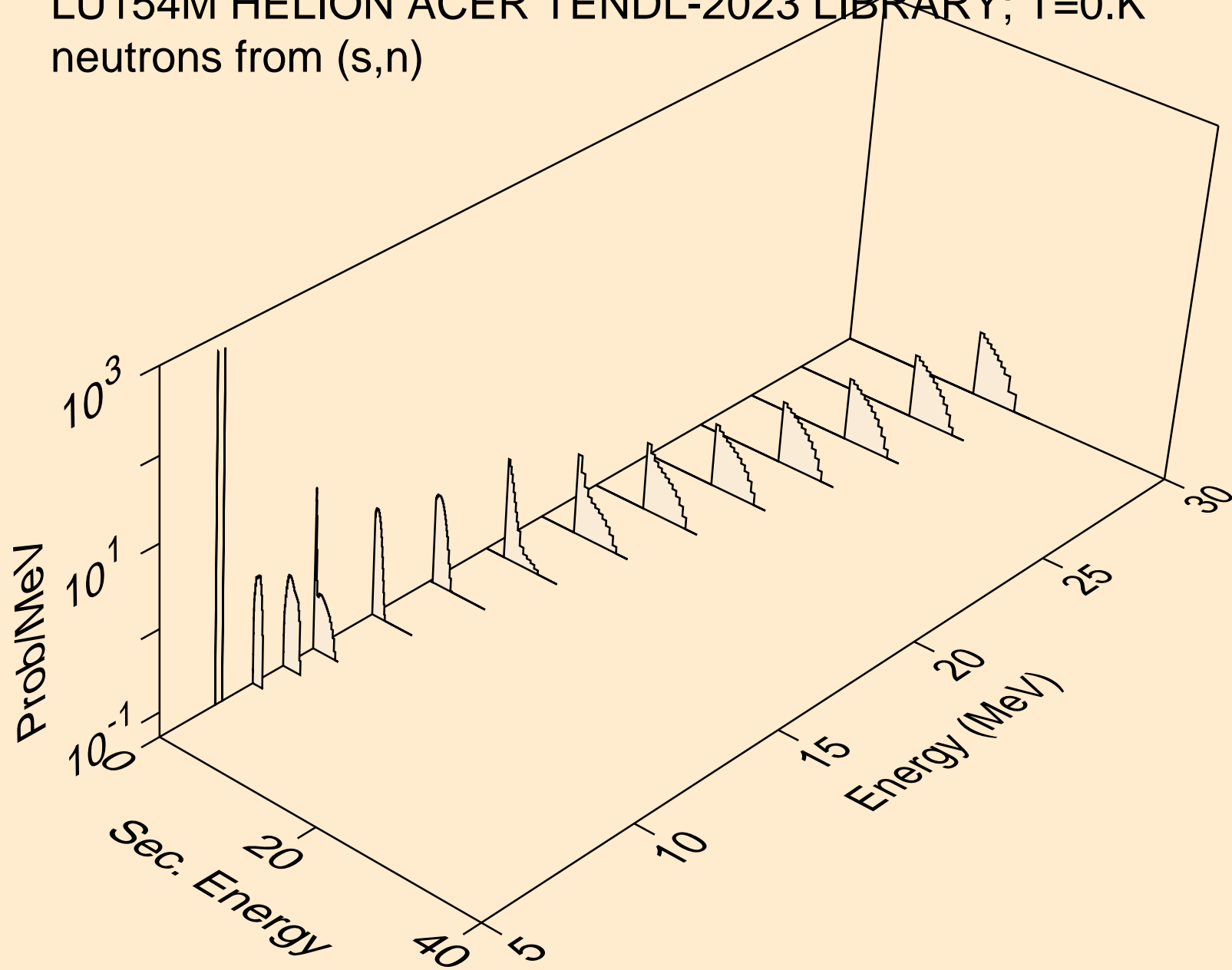




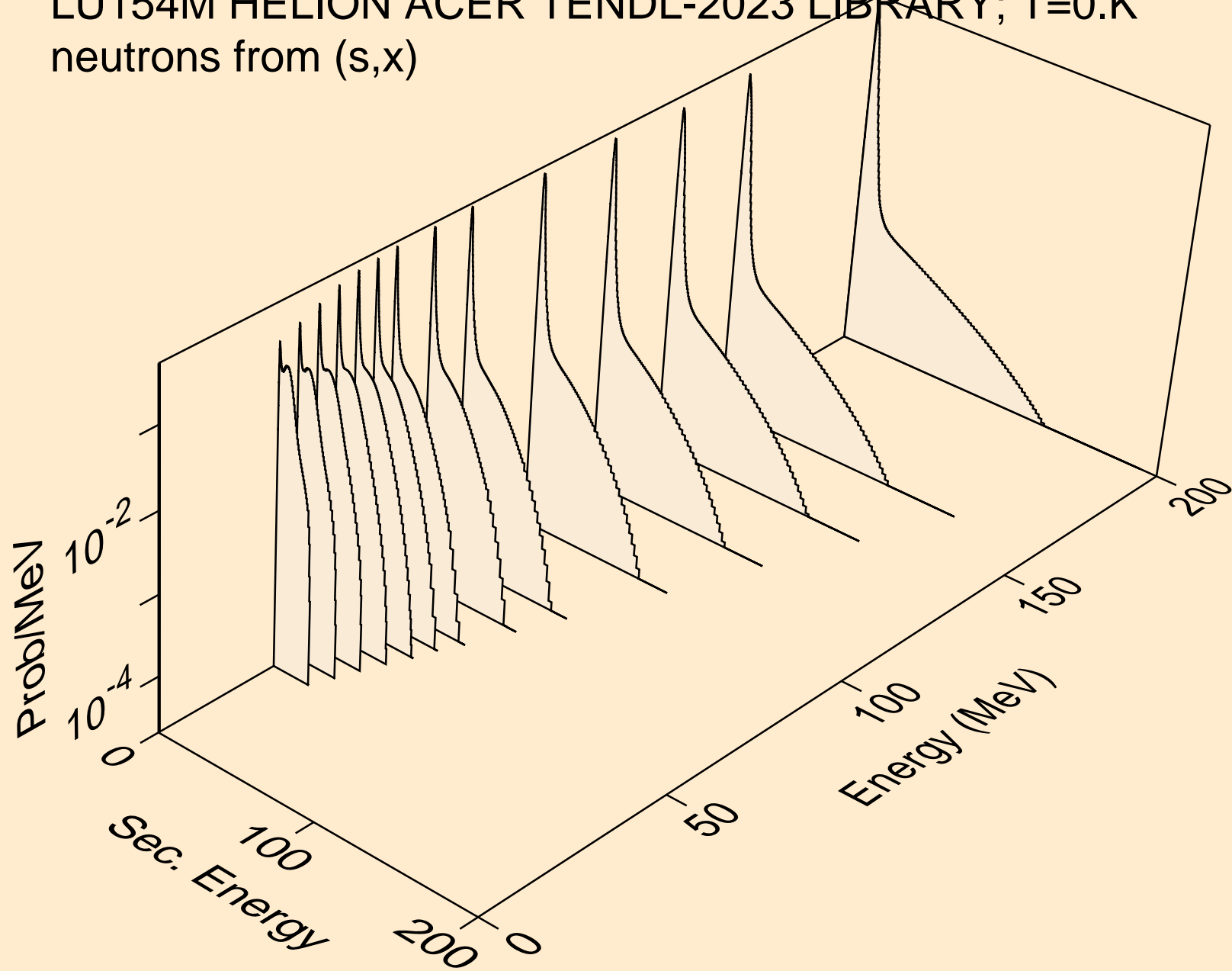
LU154M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



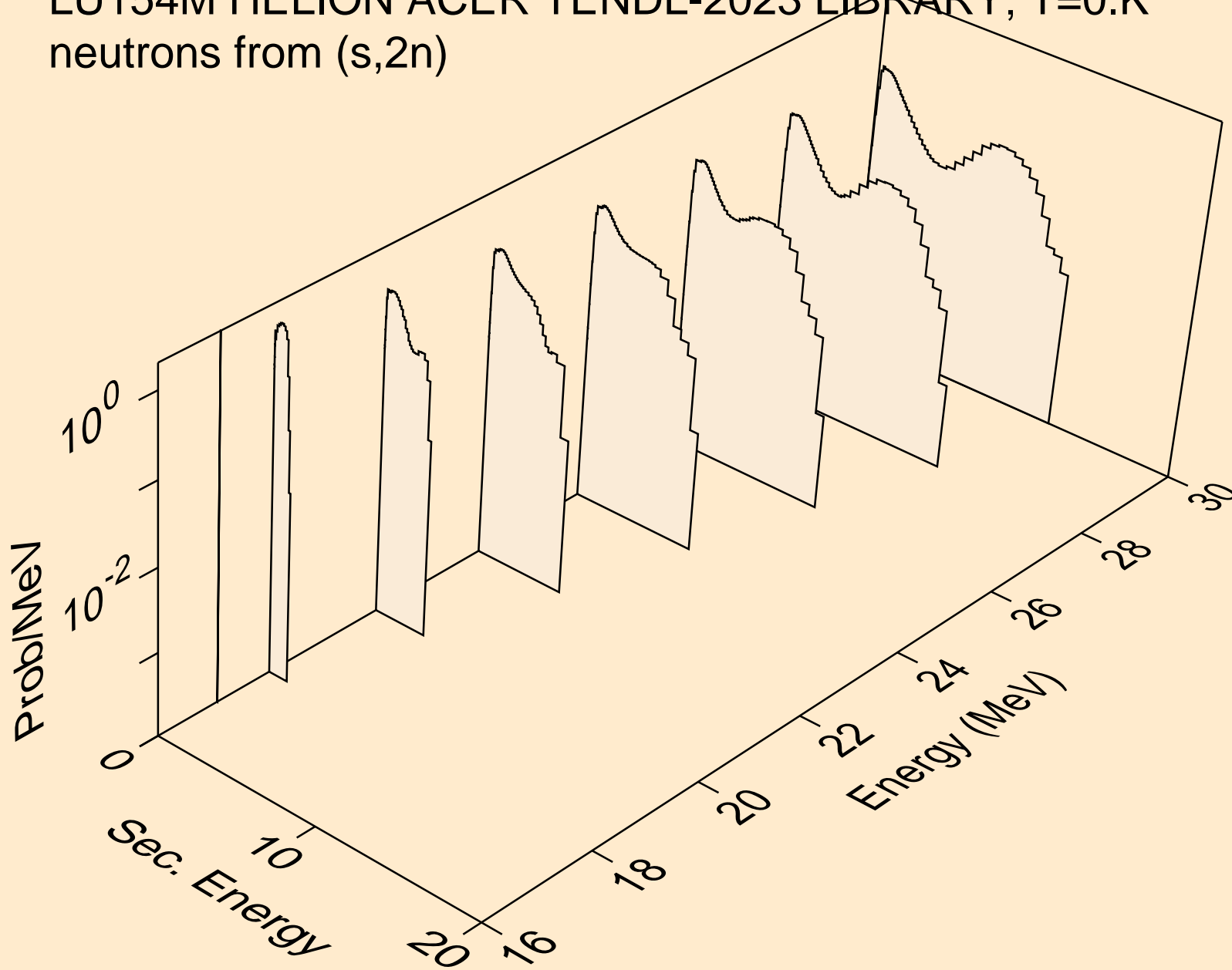
LU154M HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n)



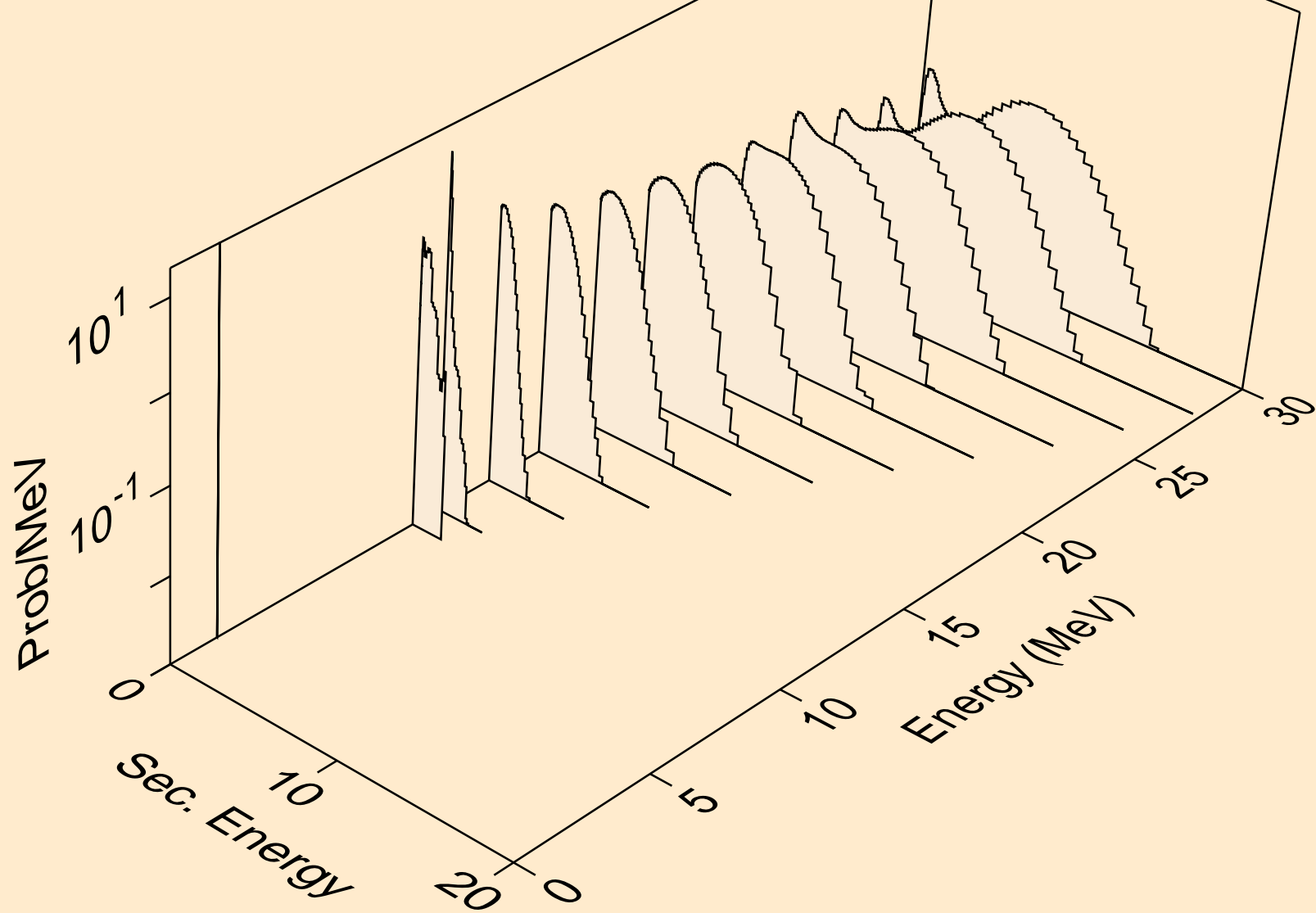
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neutrons from (s,x)



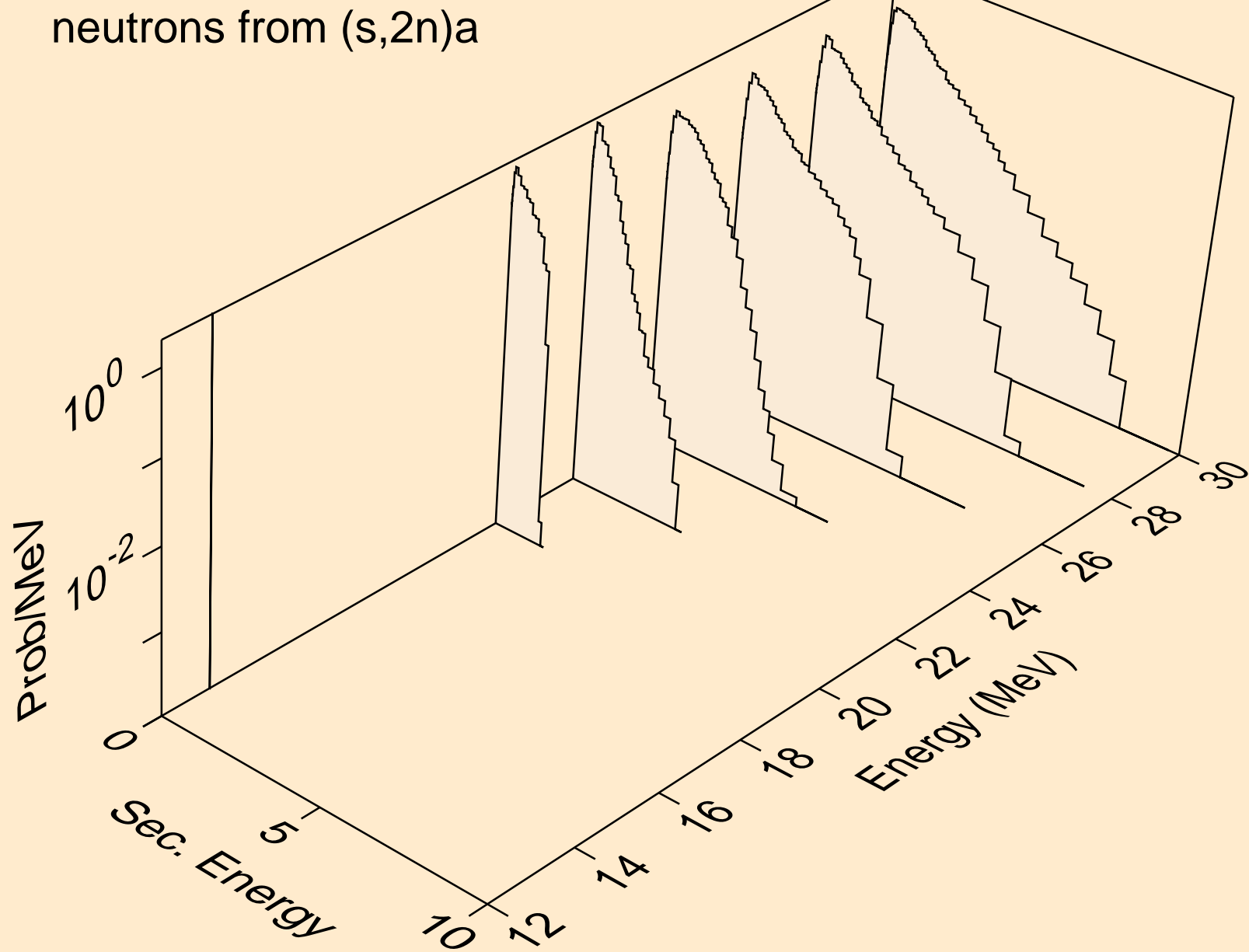
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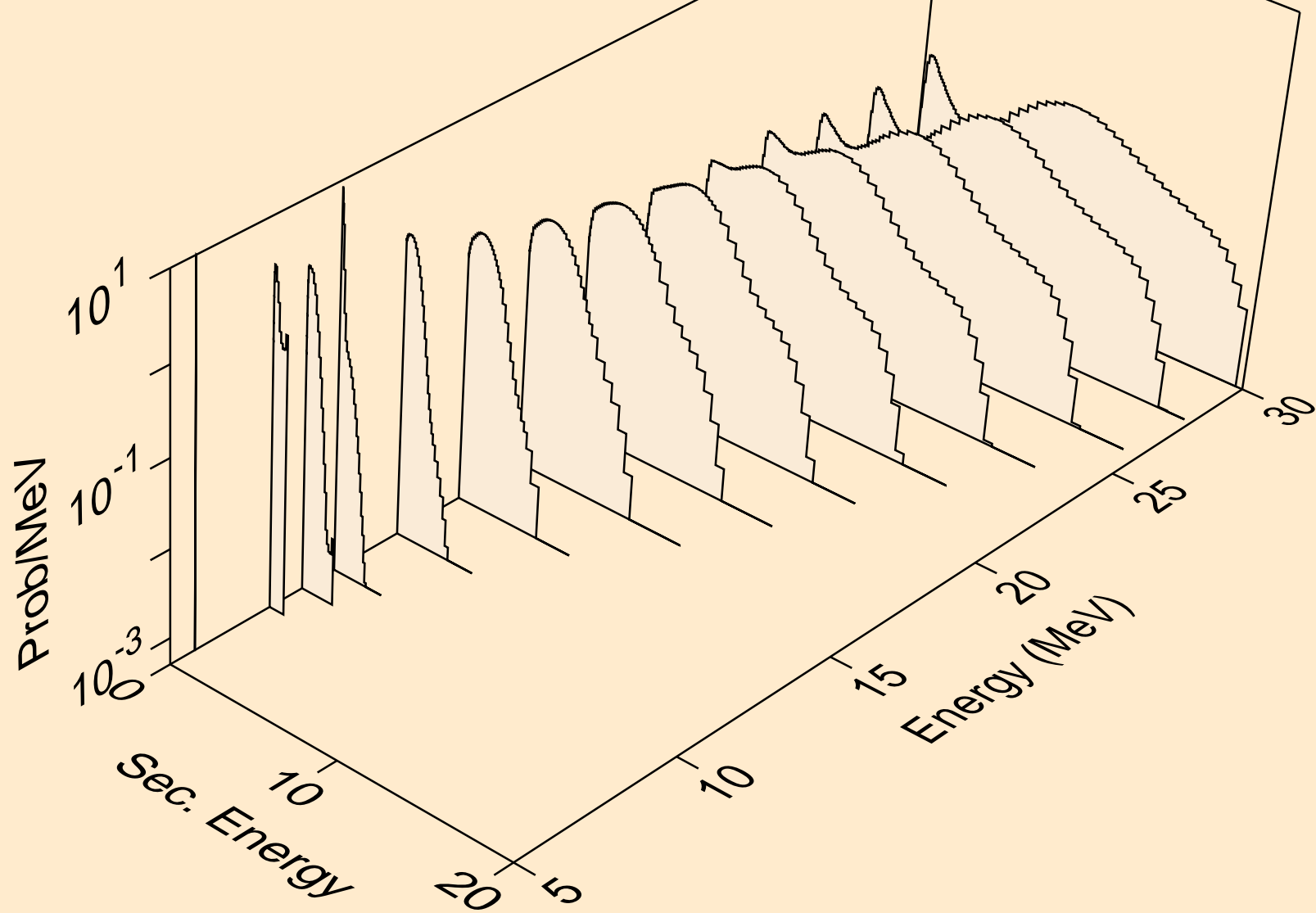
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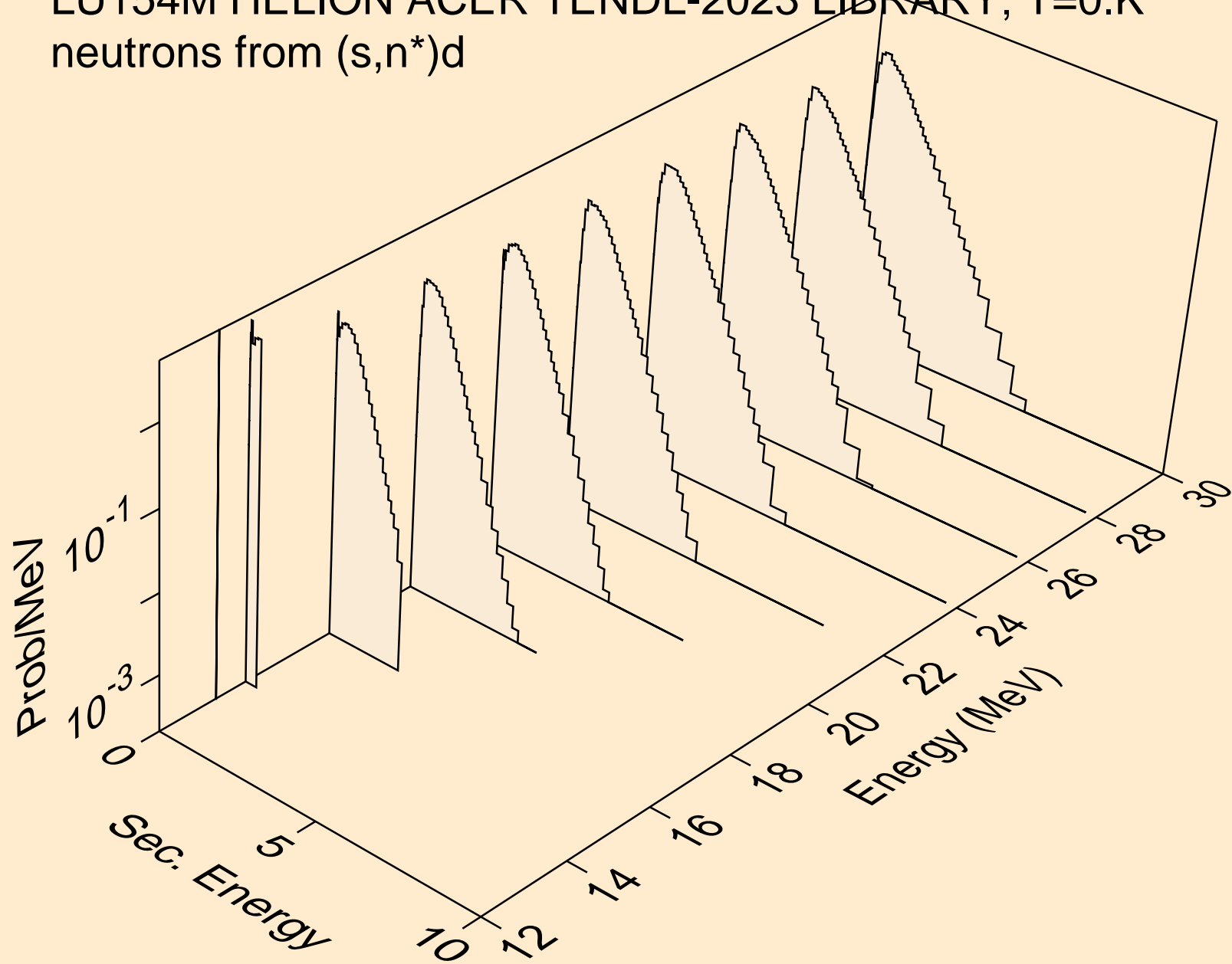
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neutrons from (s,2n)a



LU154M HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)p

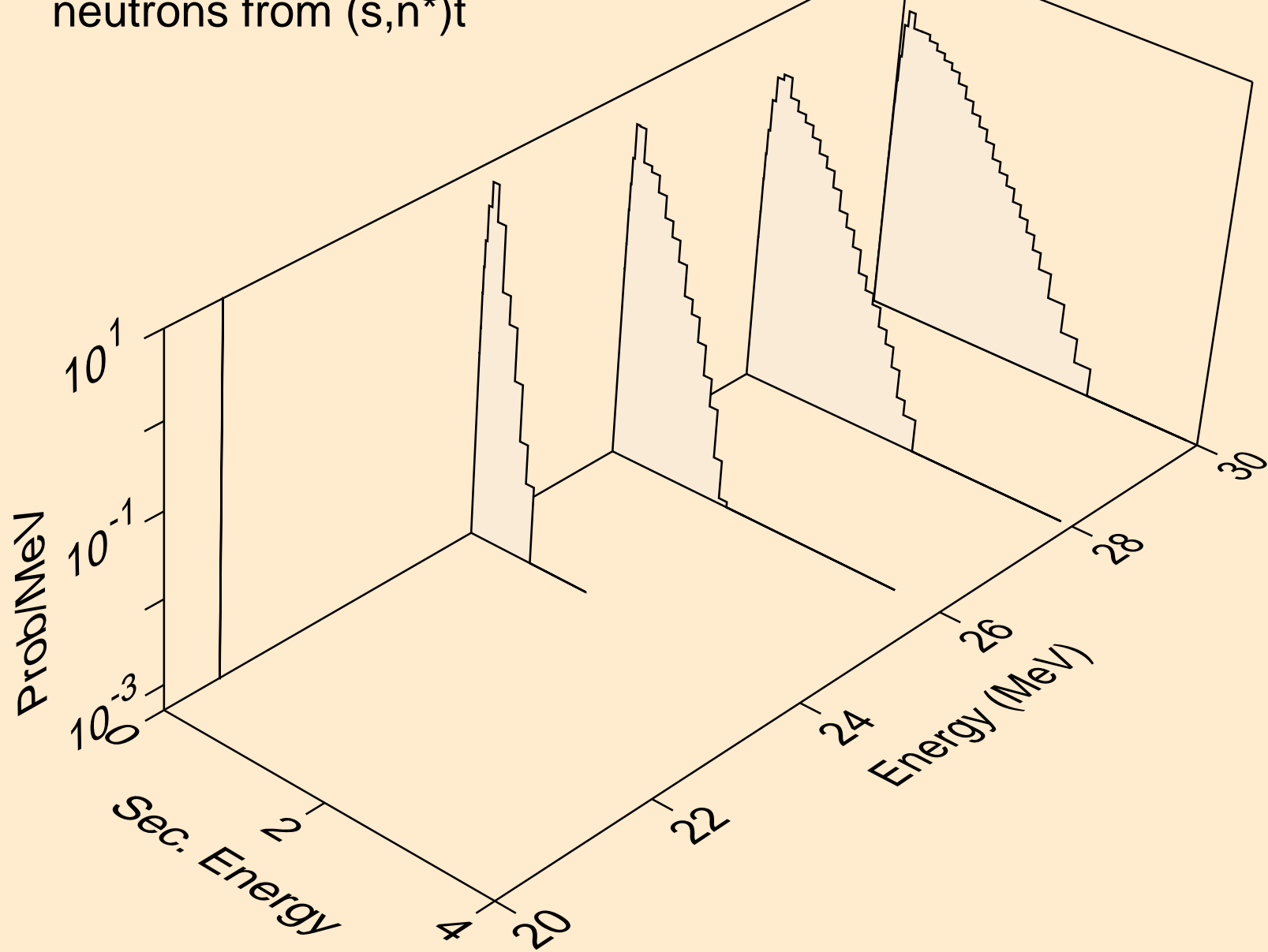


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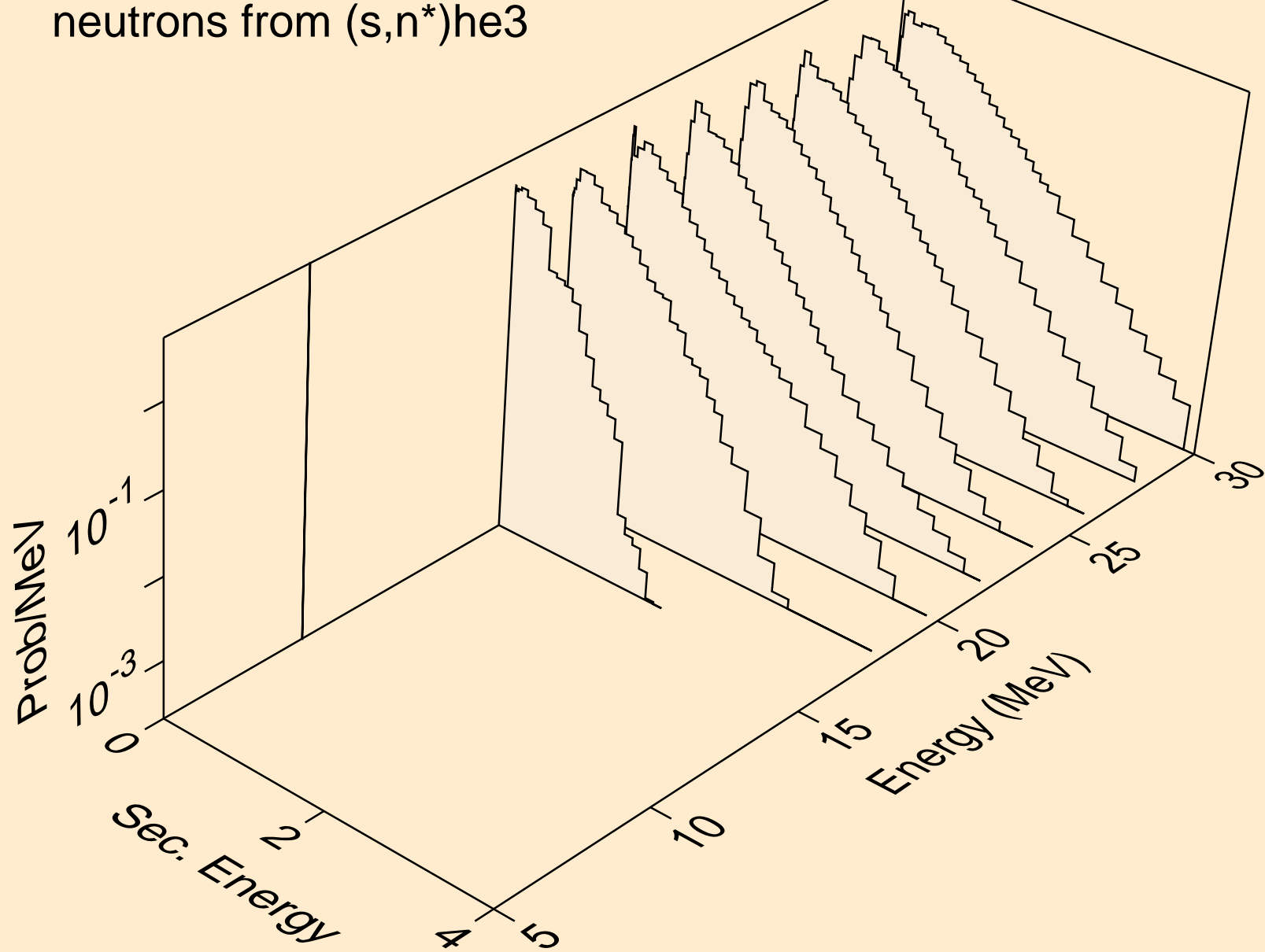




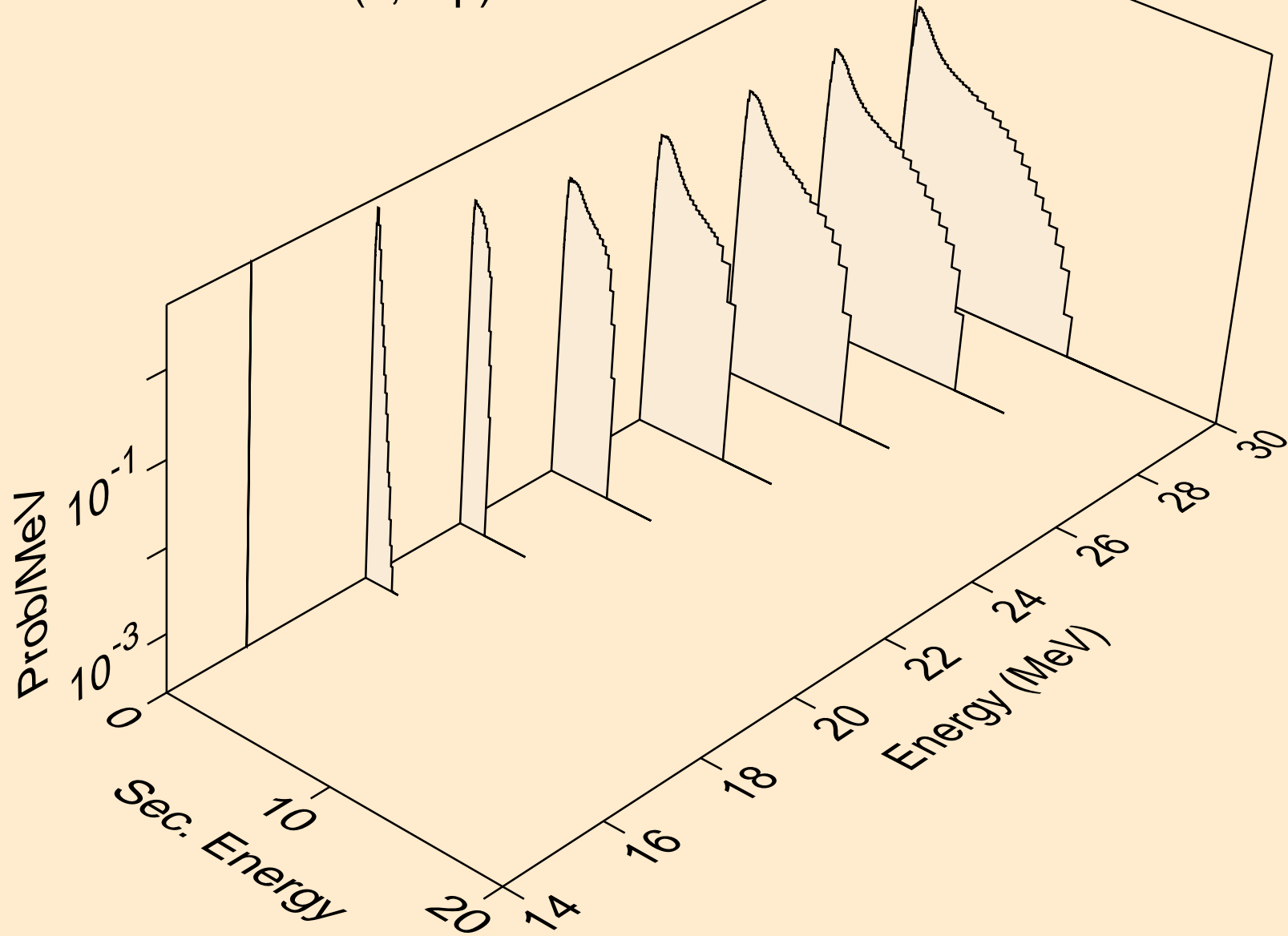
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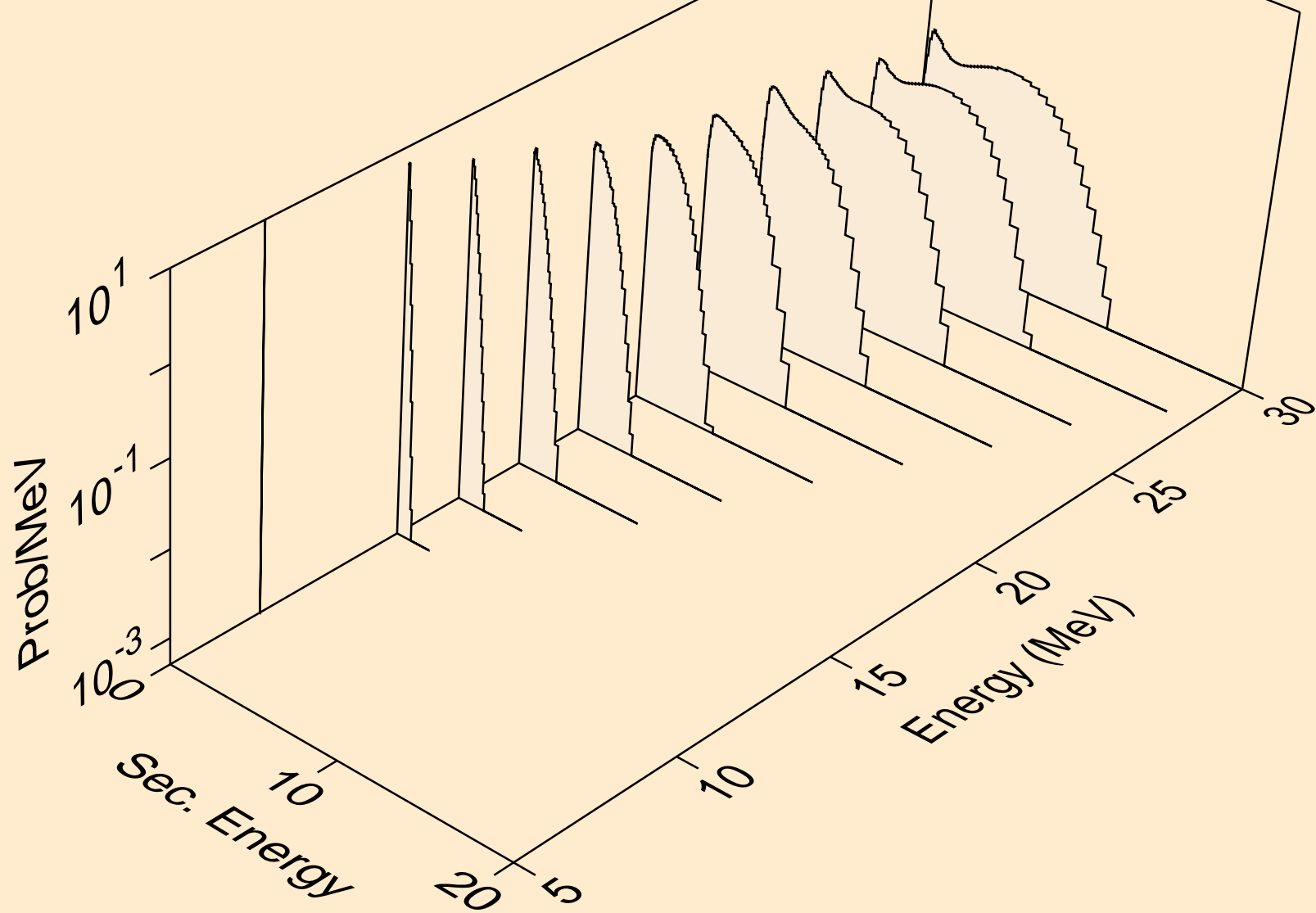
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neutrons from (s,n\*)he3



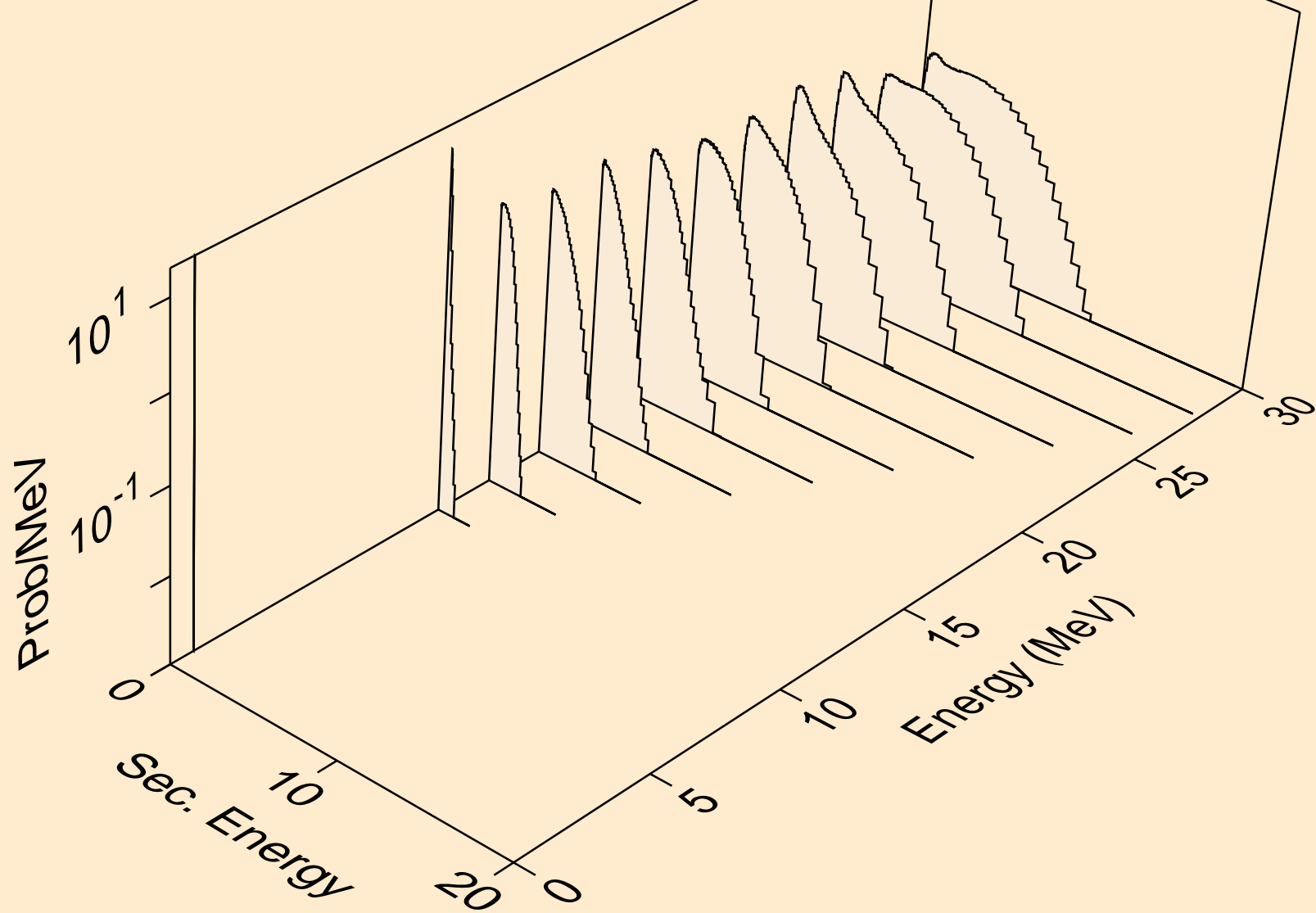
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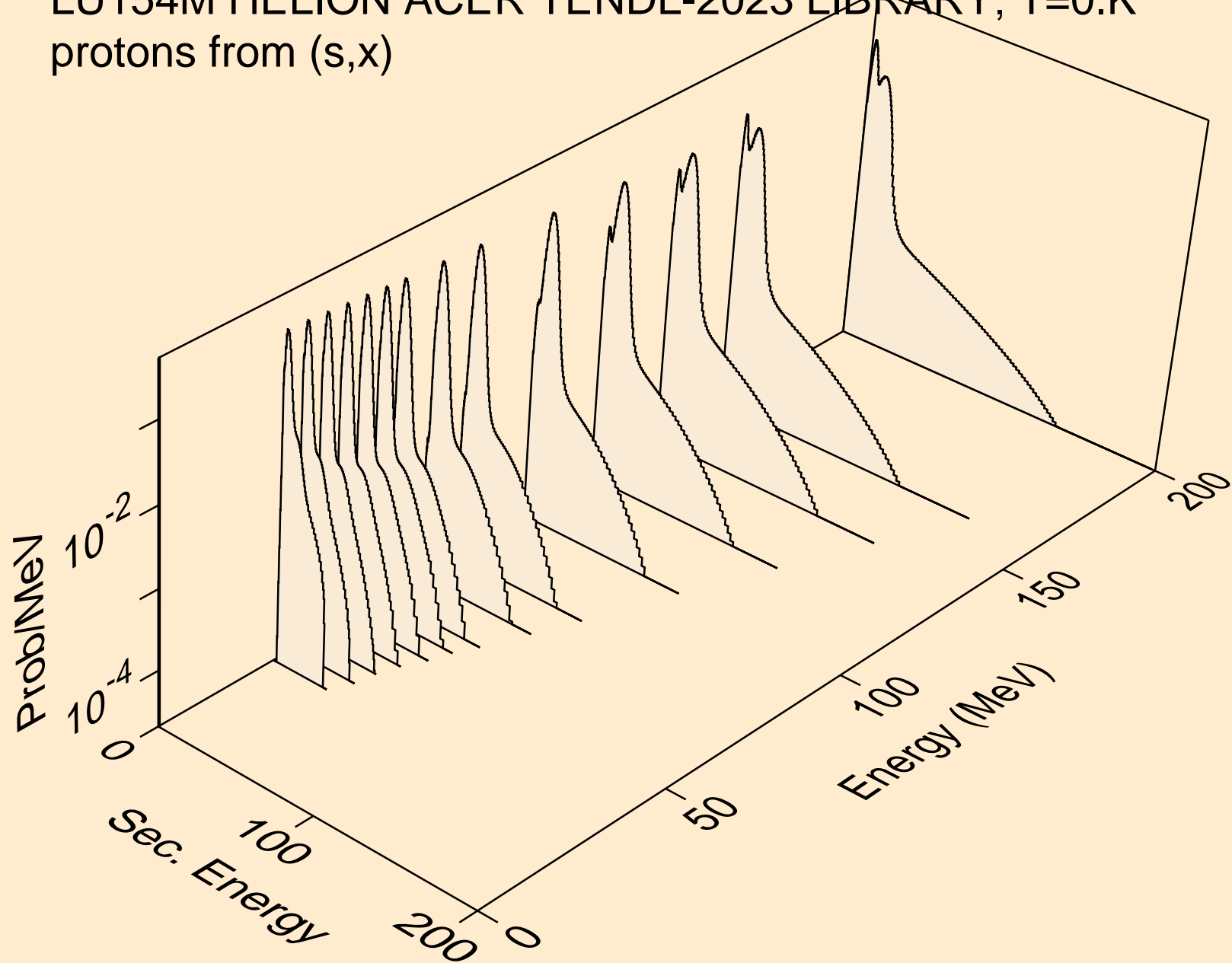
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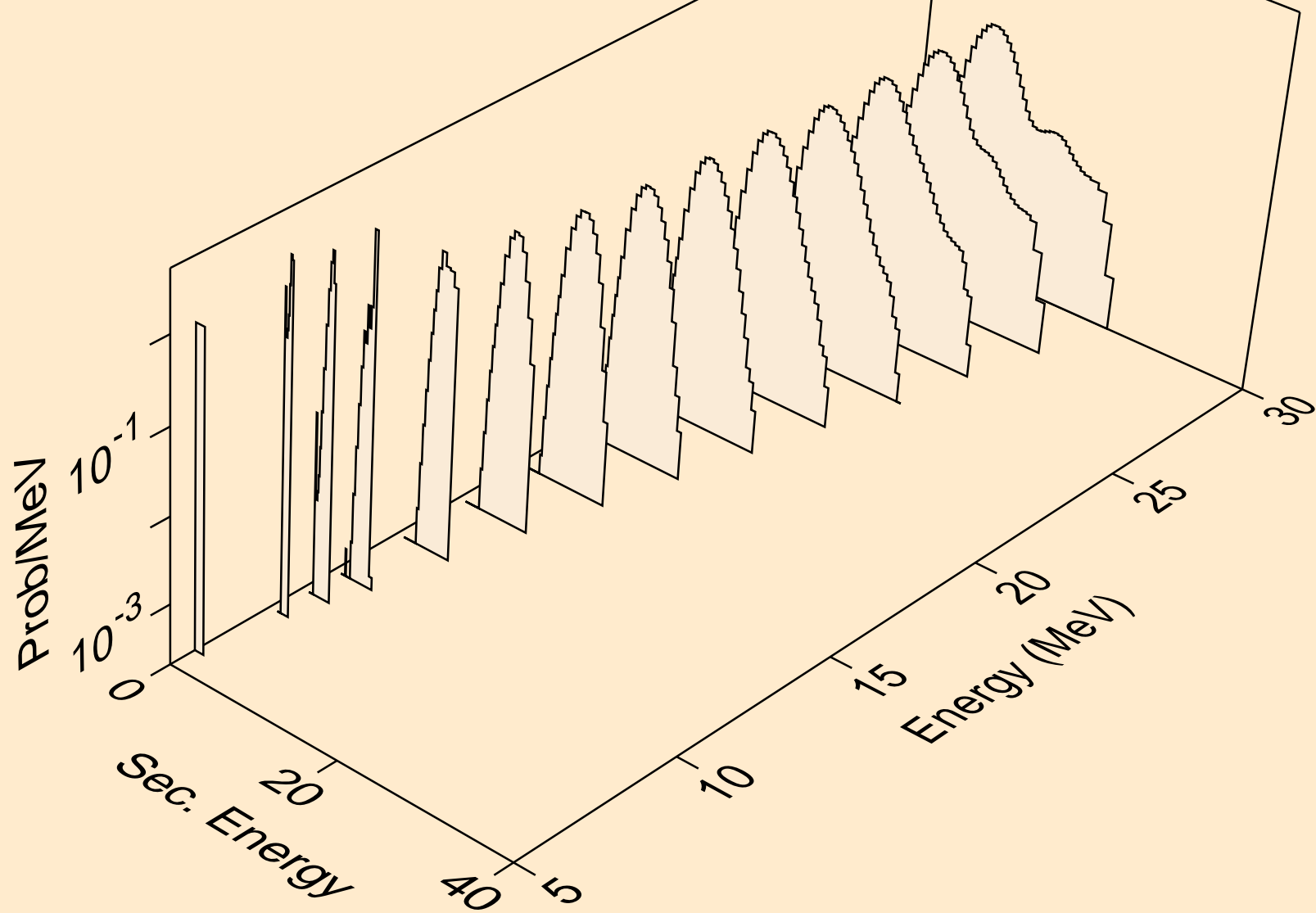
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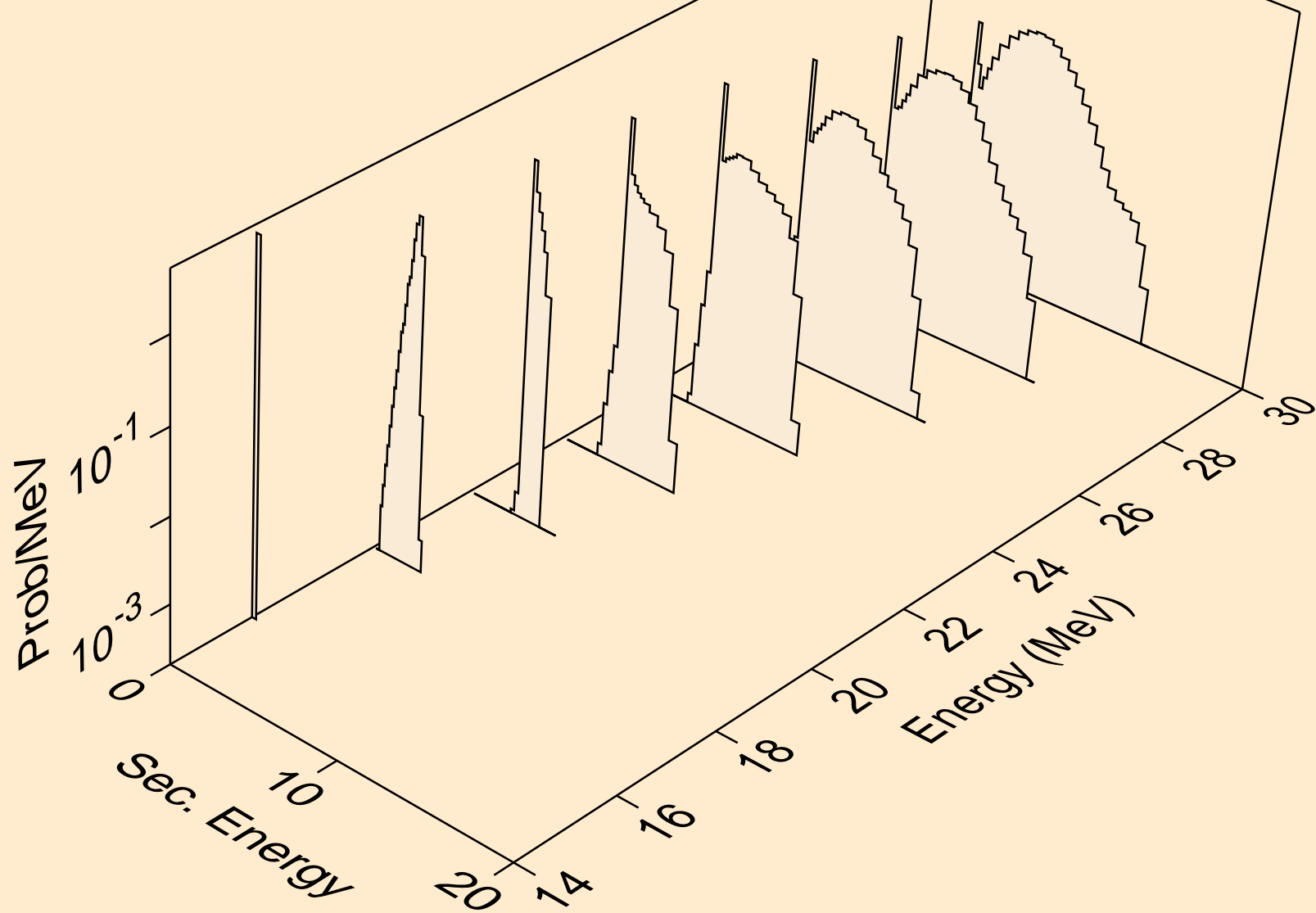
LU154M HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,x)



LU154M HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,n\*)p

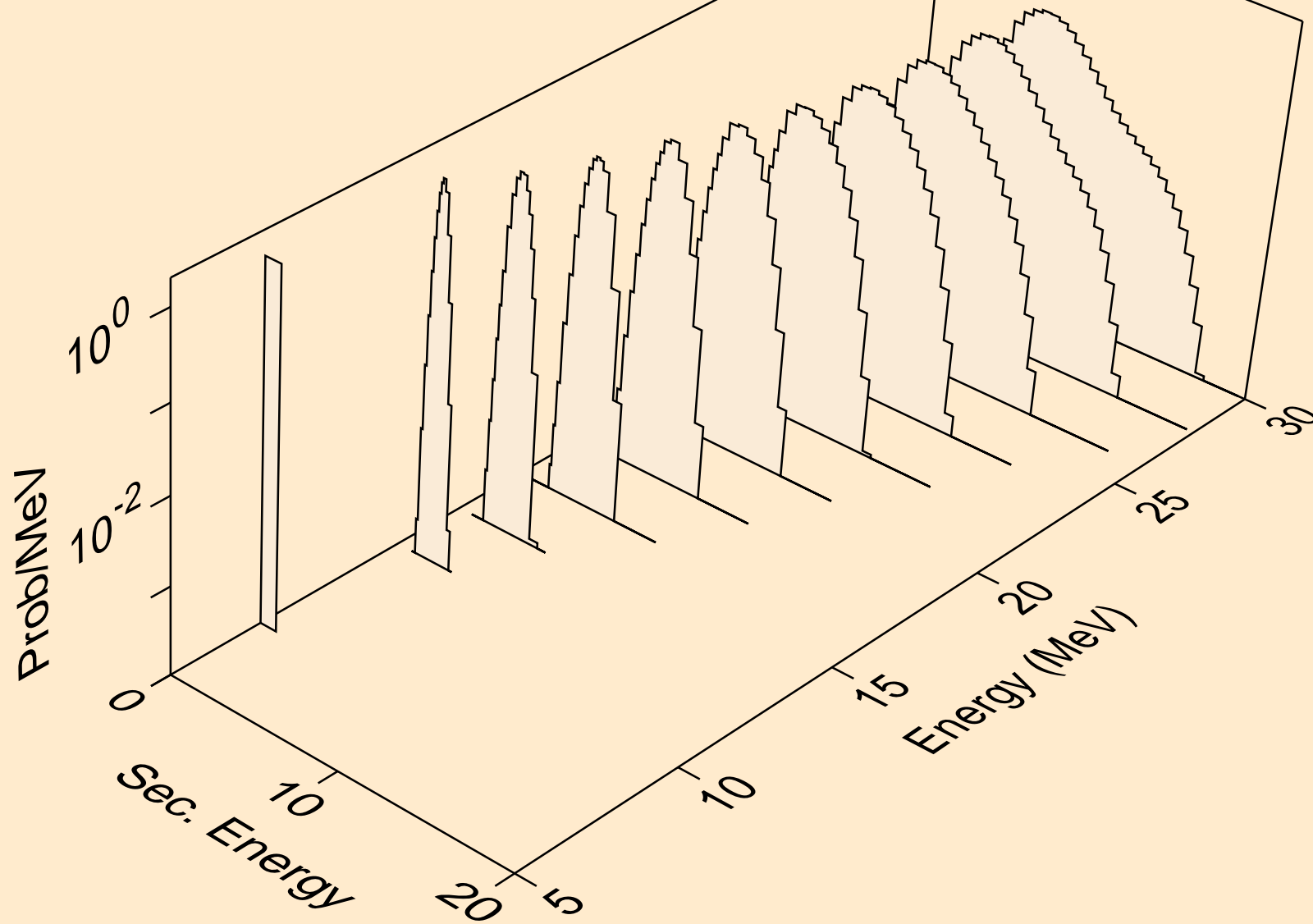


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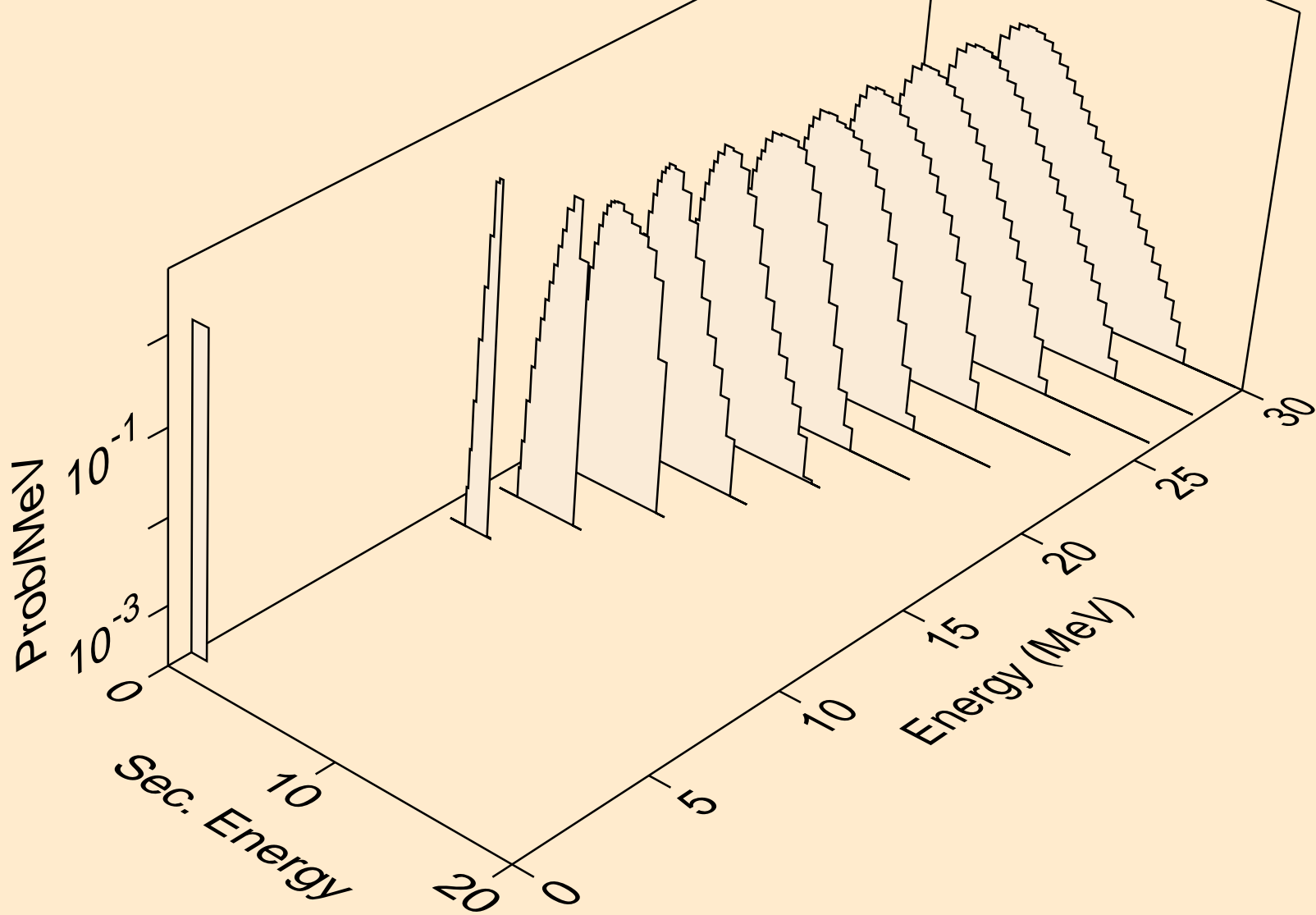




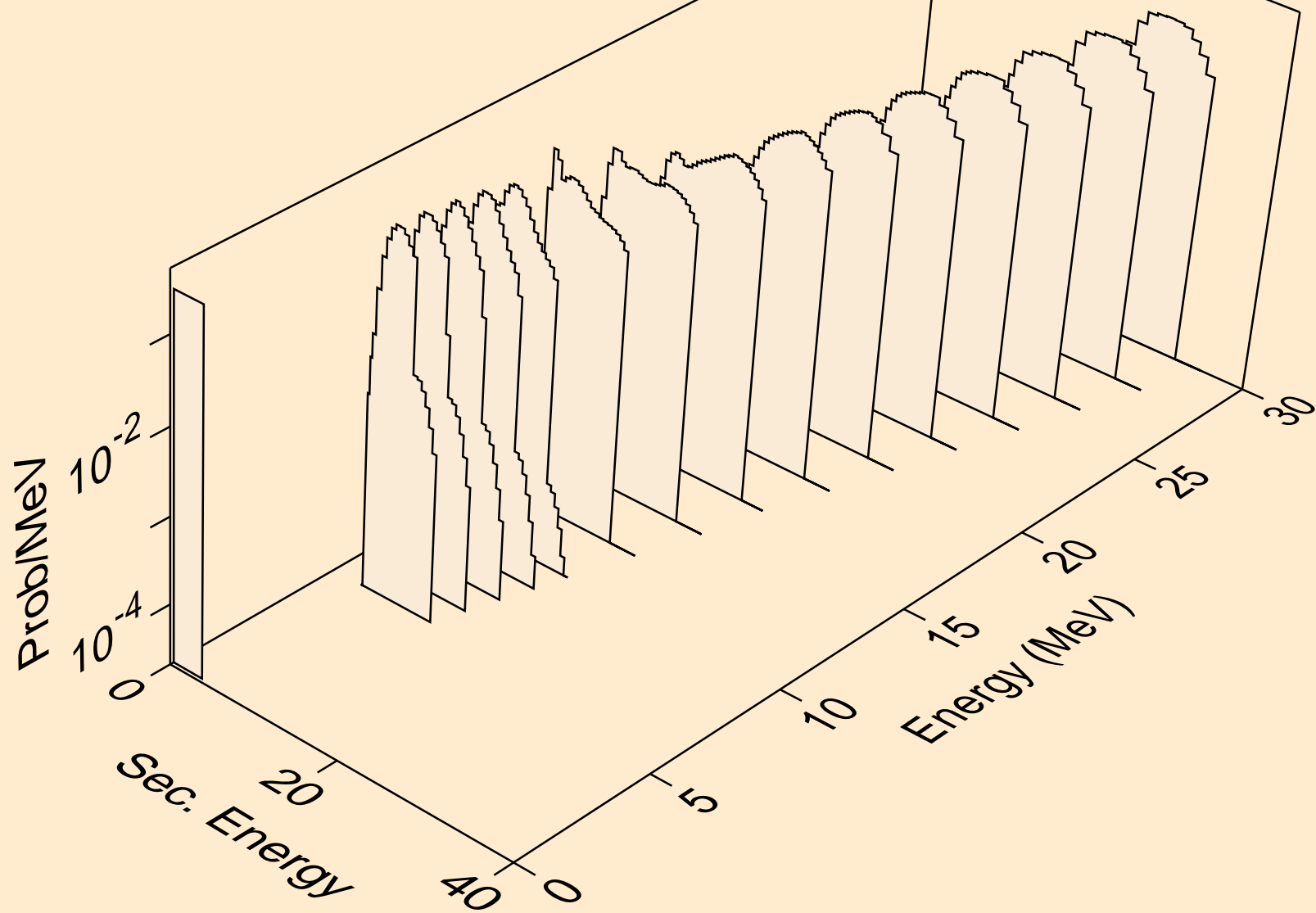
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protons from (s,n2p)



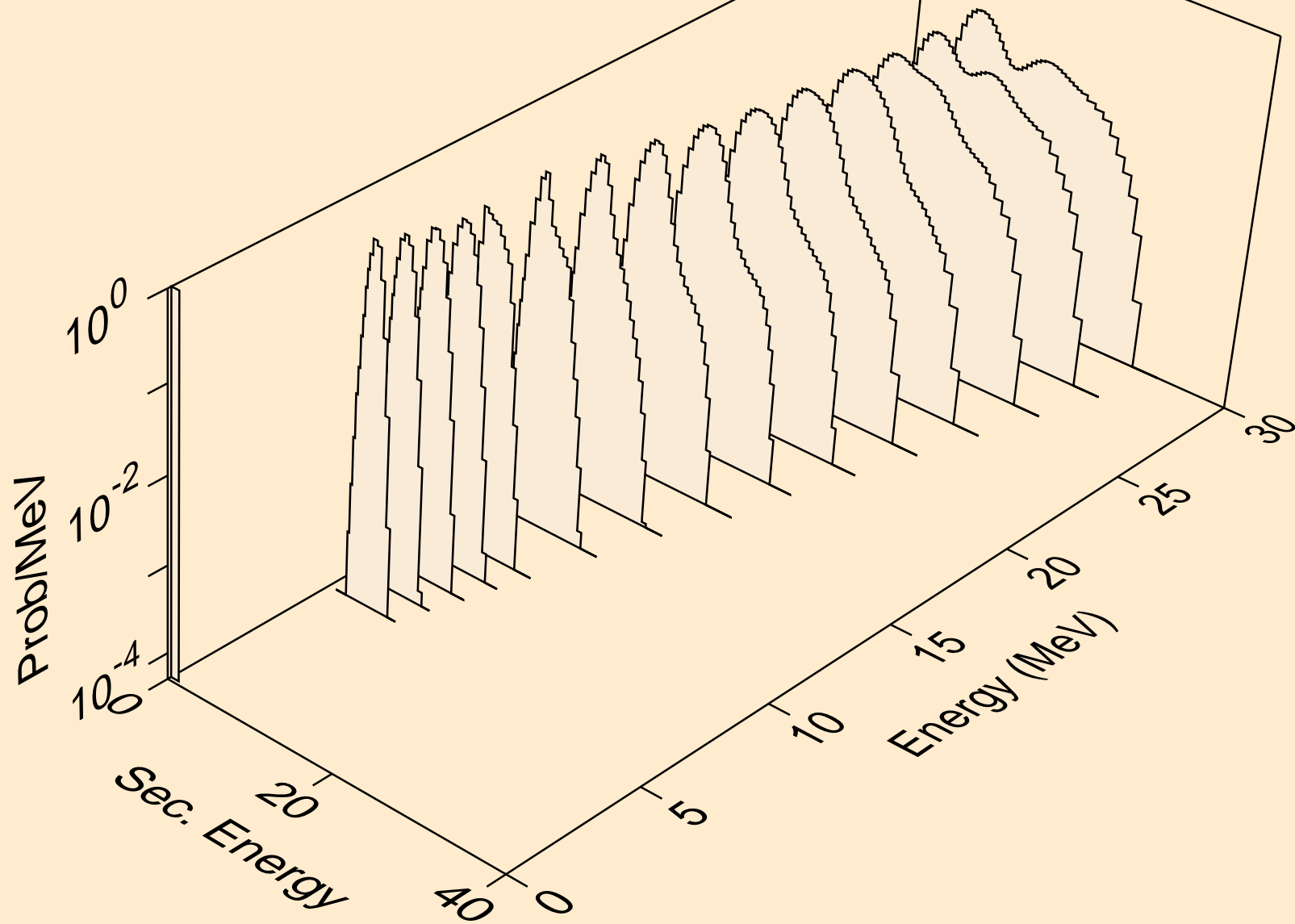
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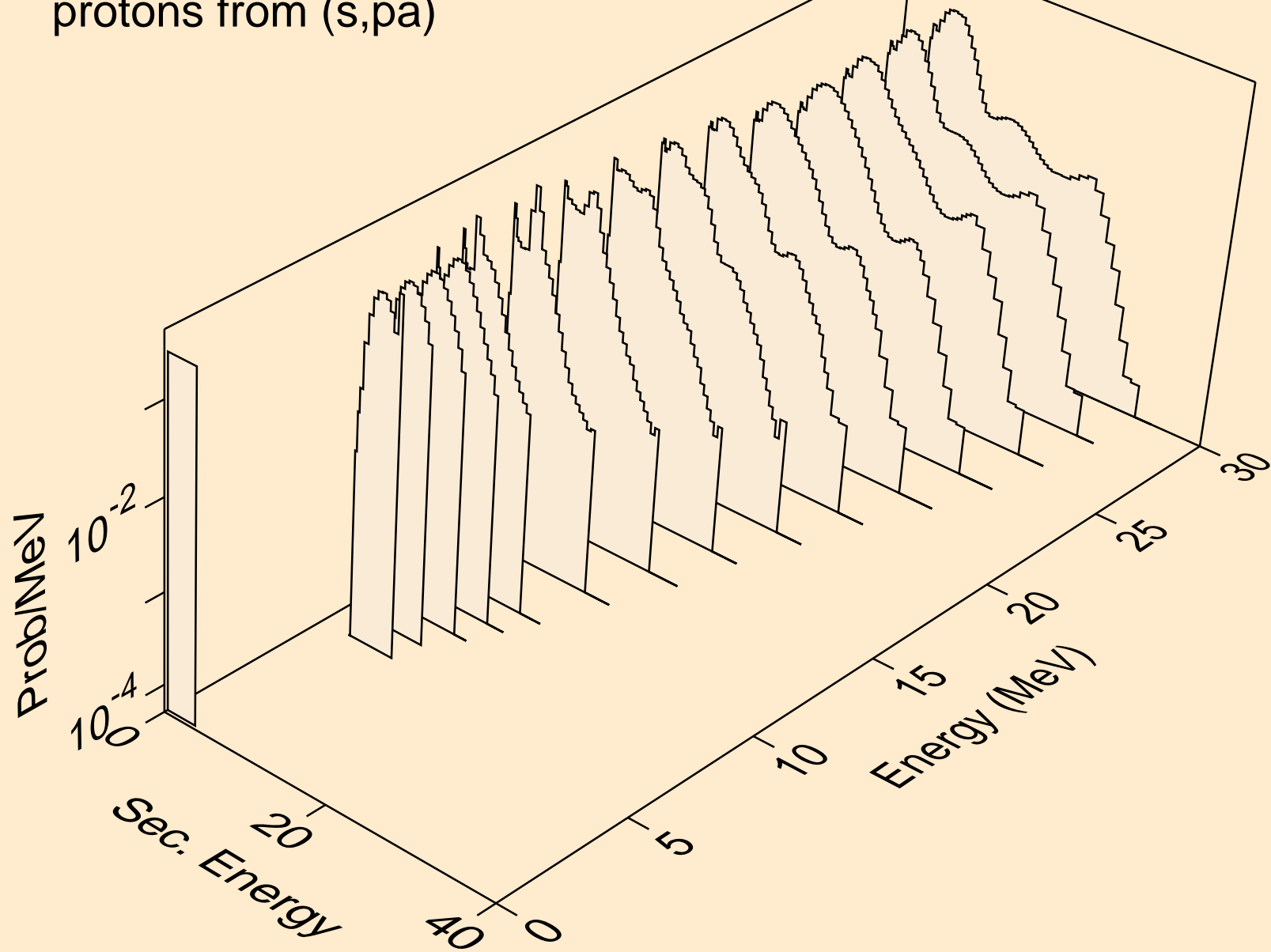
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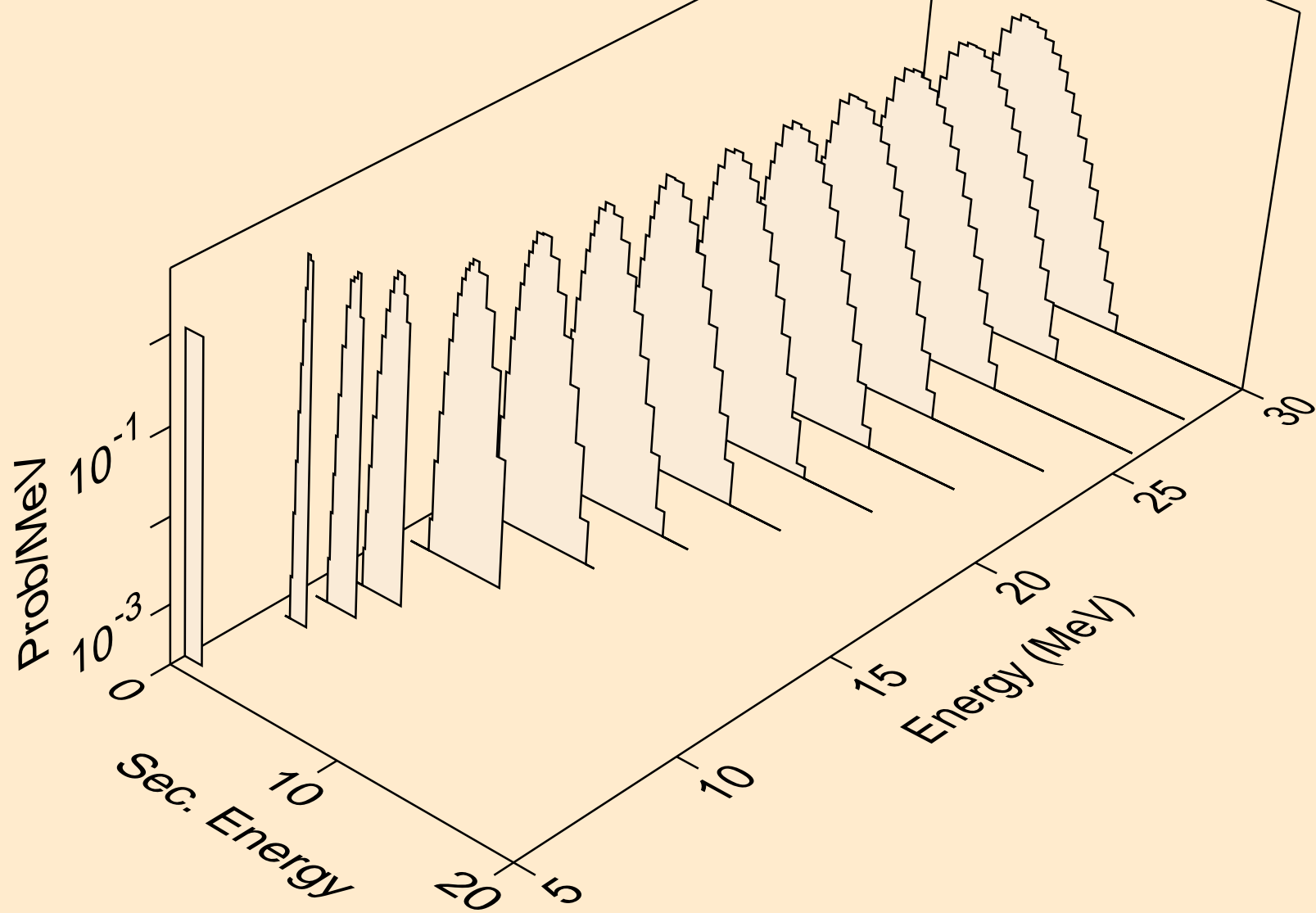
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protons from (s,2p)



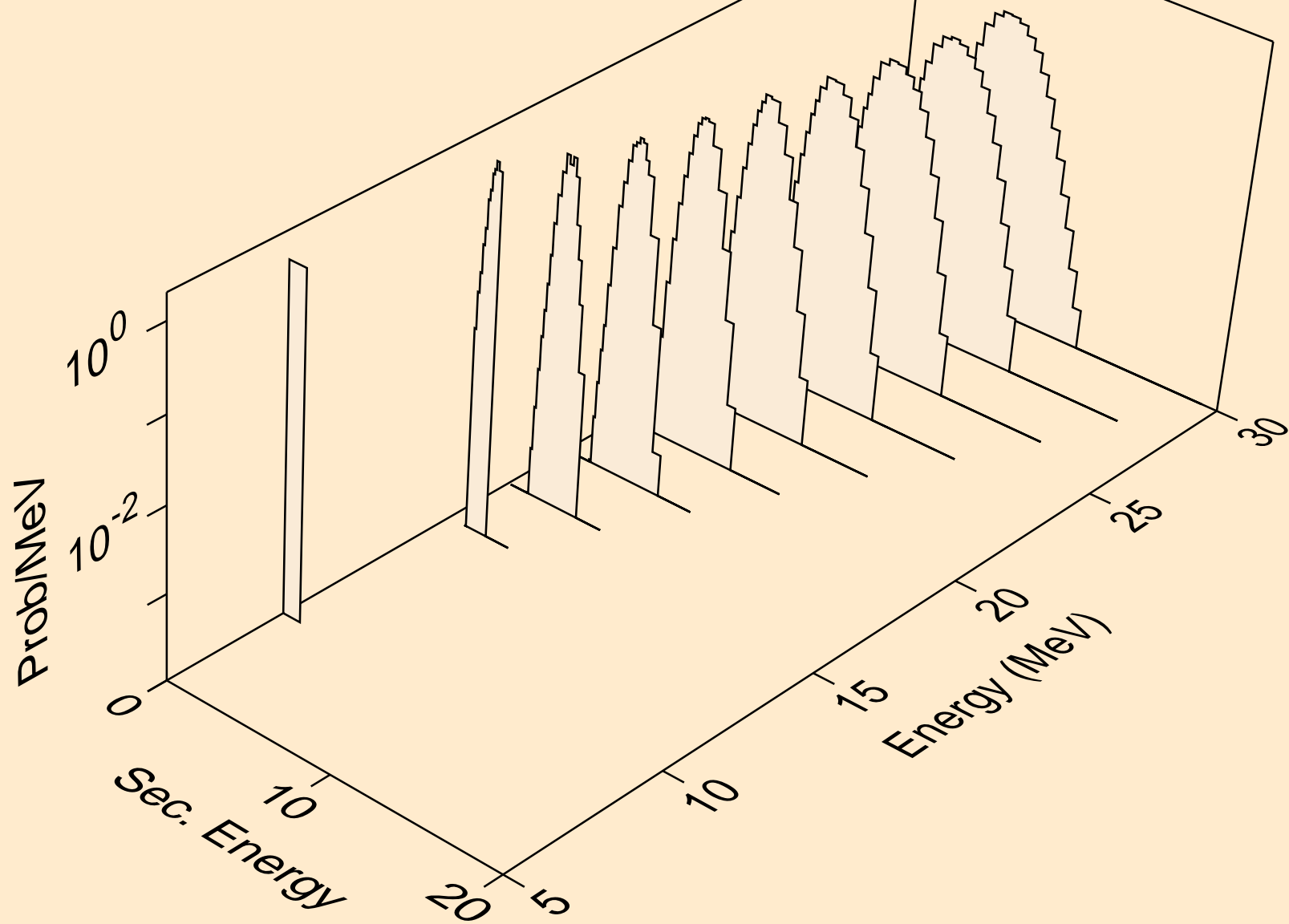
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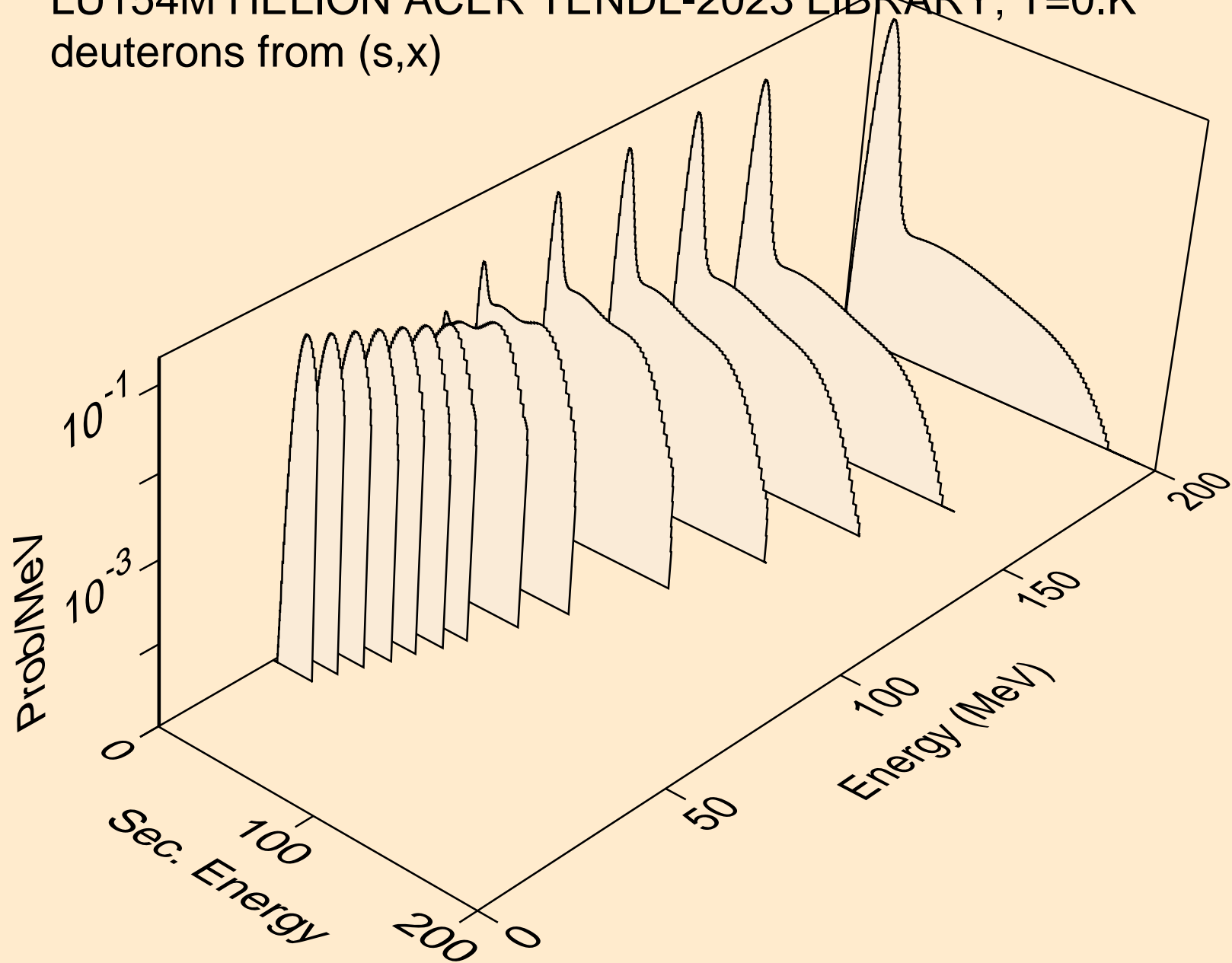
LU154M HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pd)



LU154M HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pt)

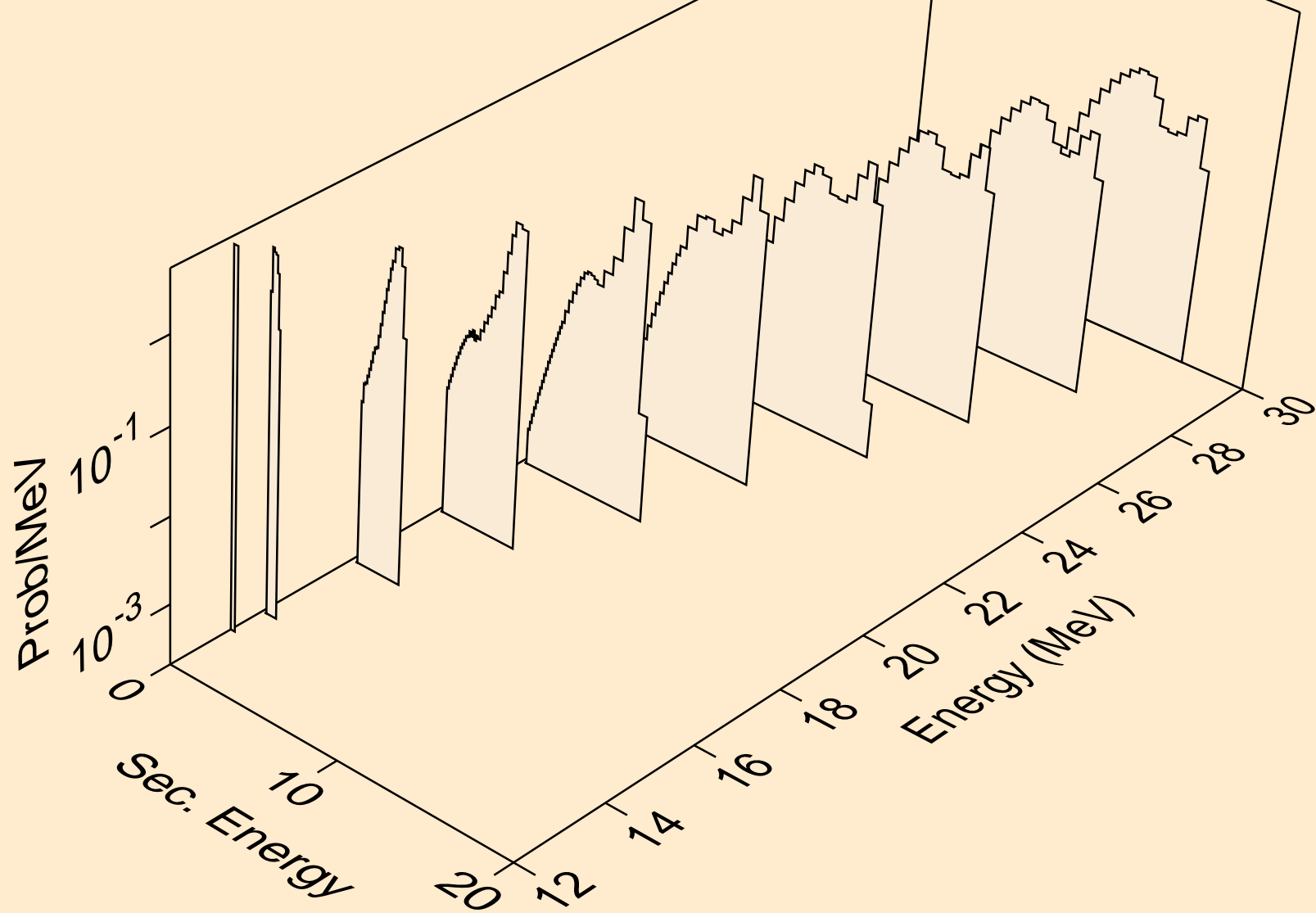


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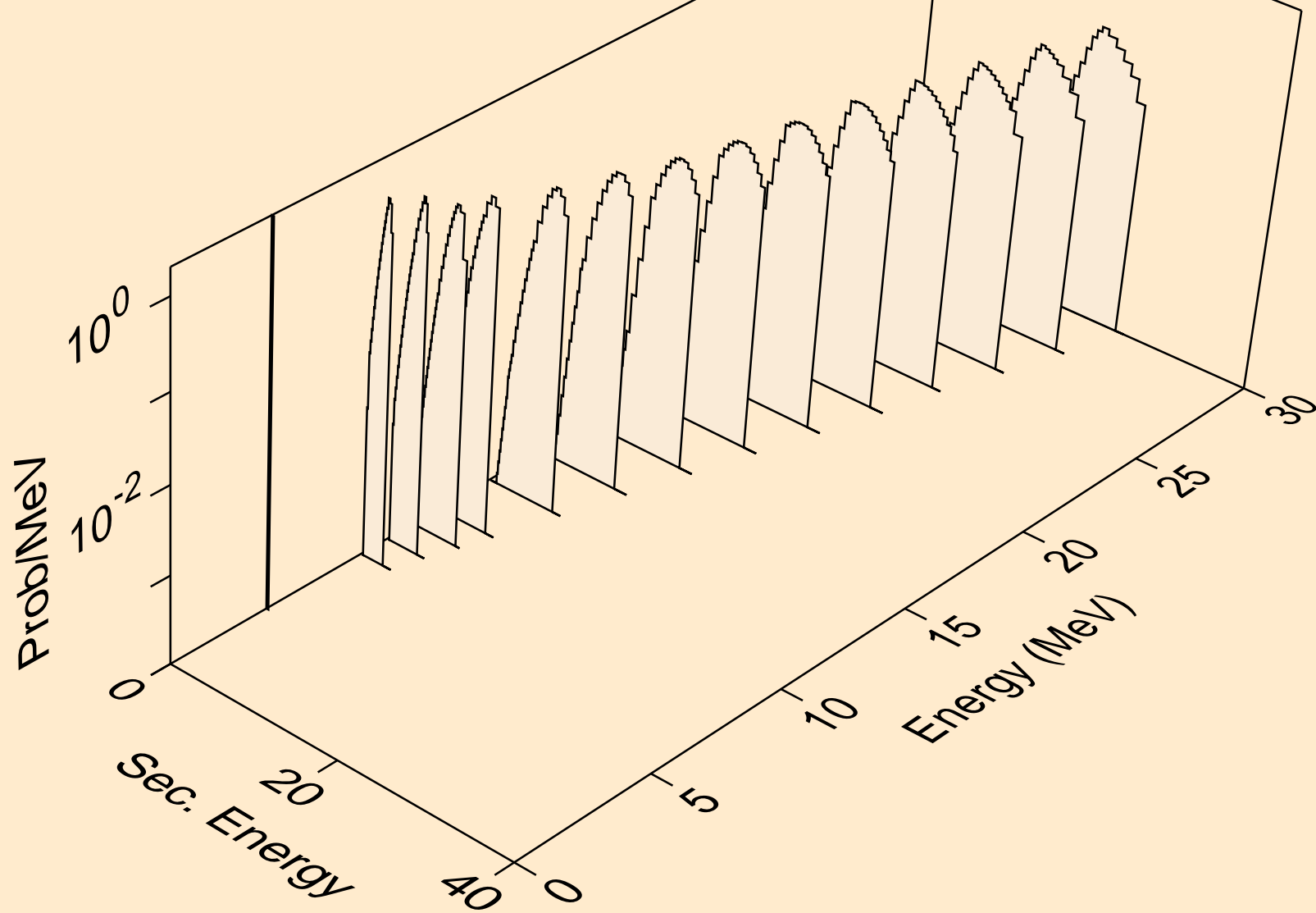




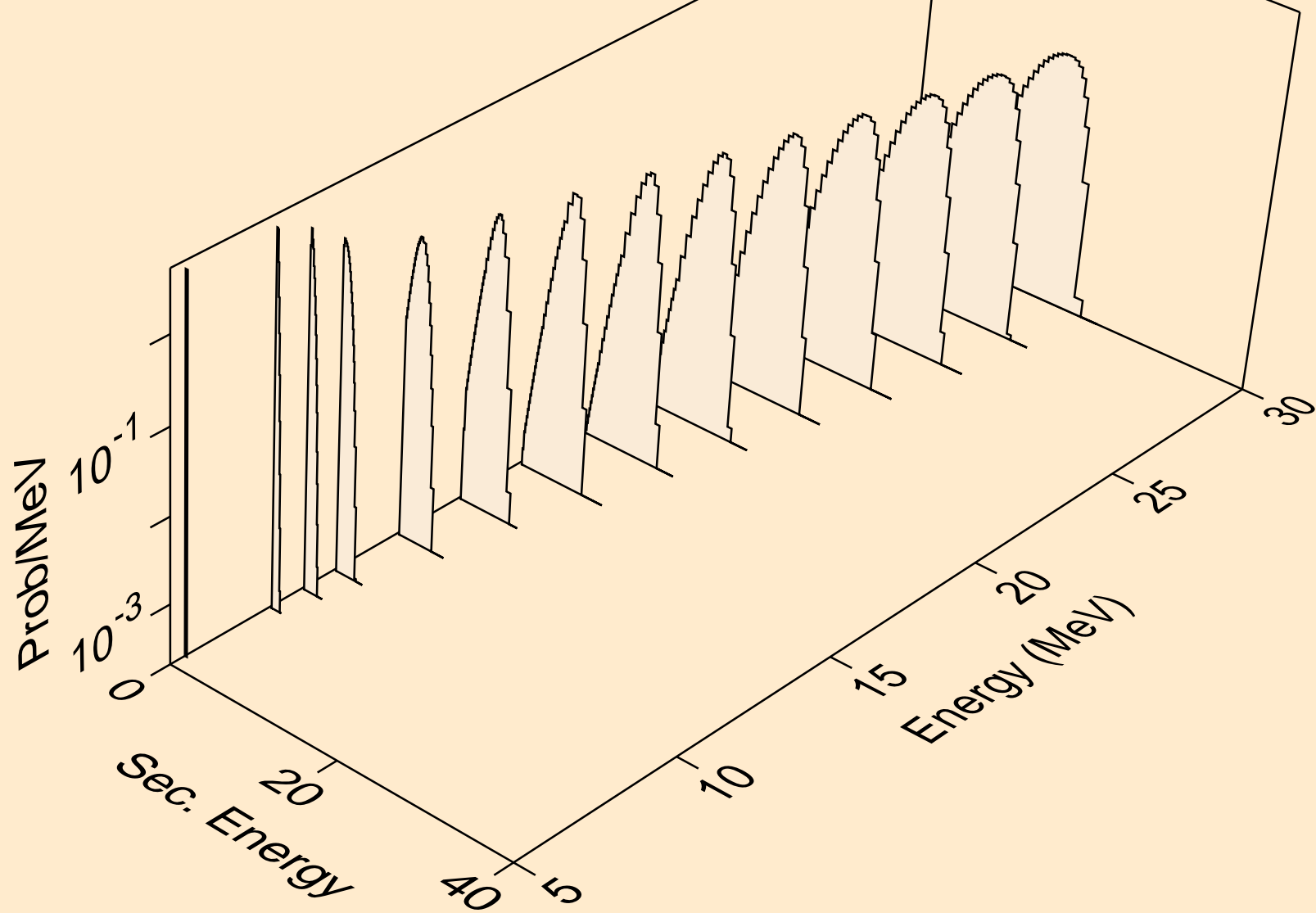
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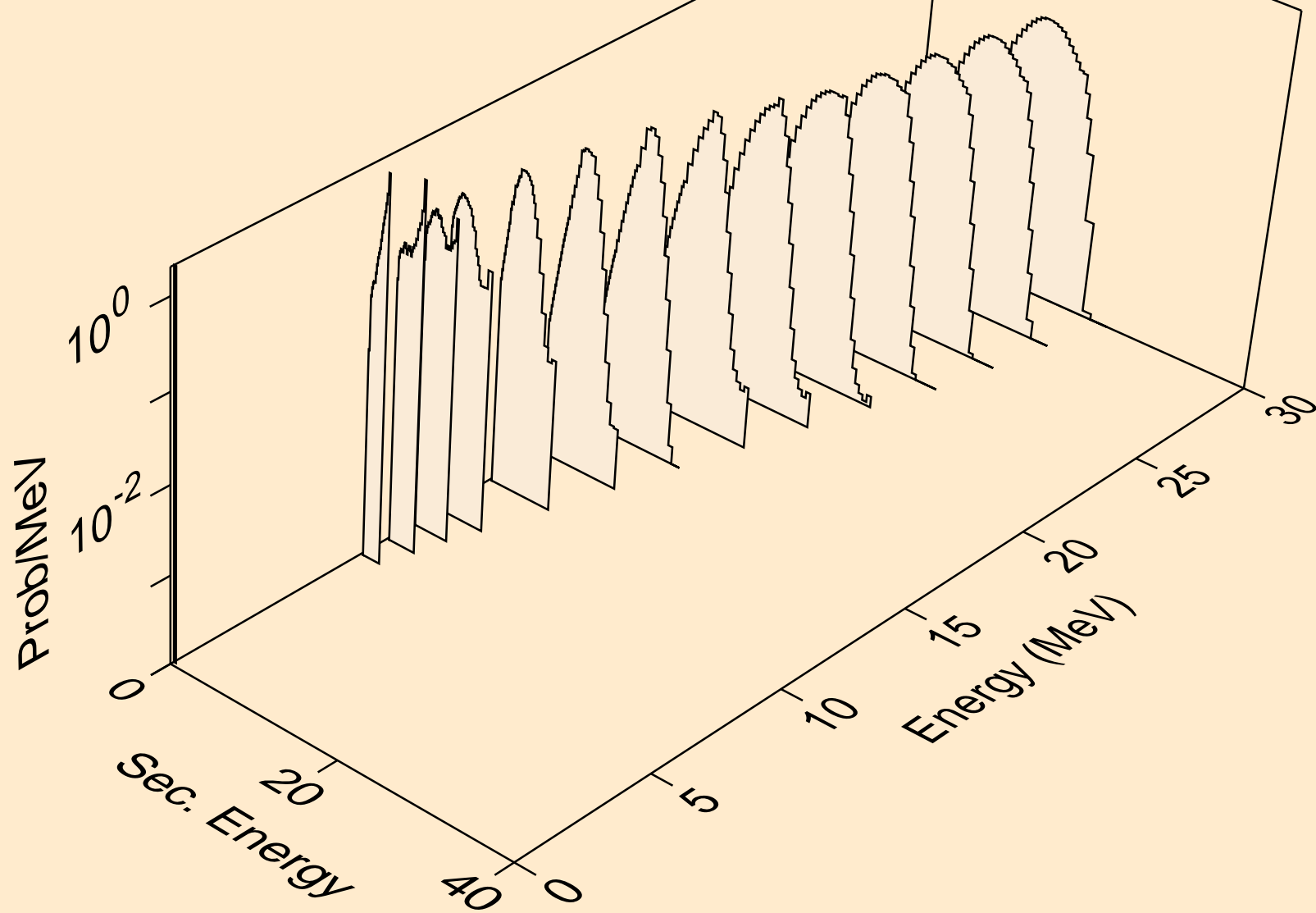
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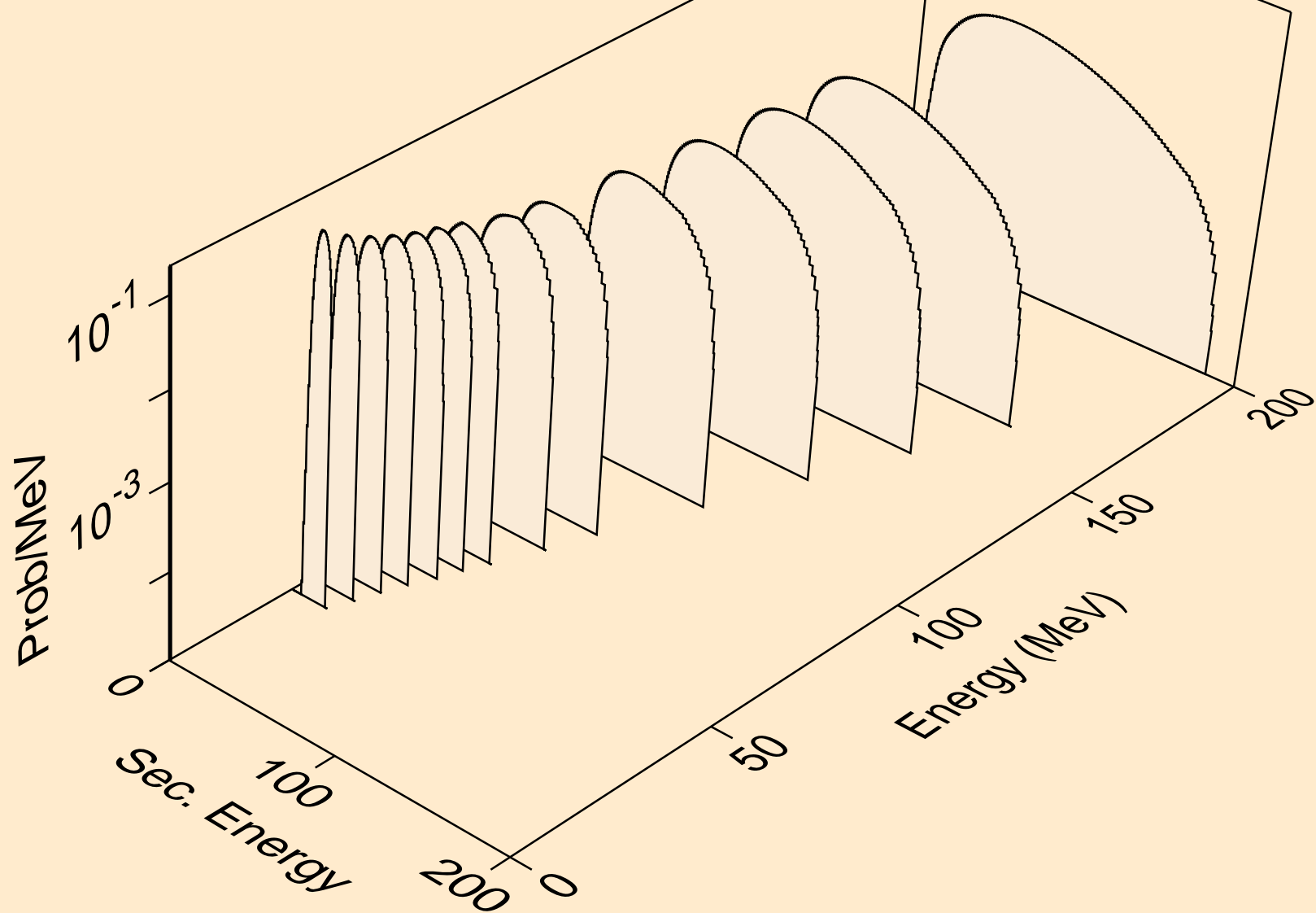
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deuterons from (s,pd)



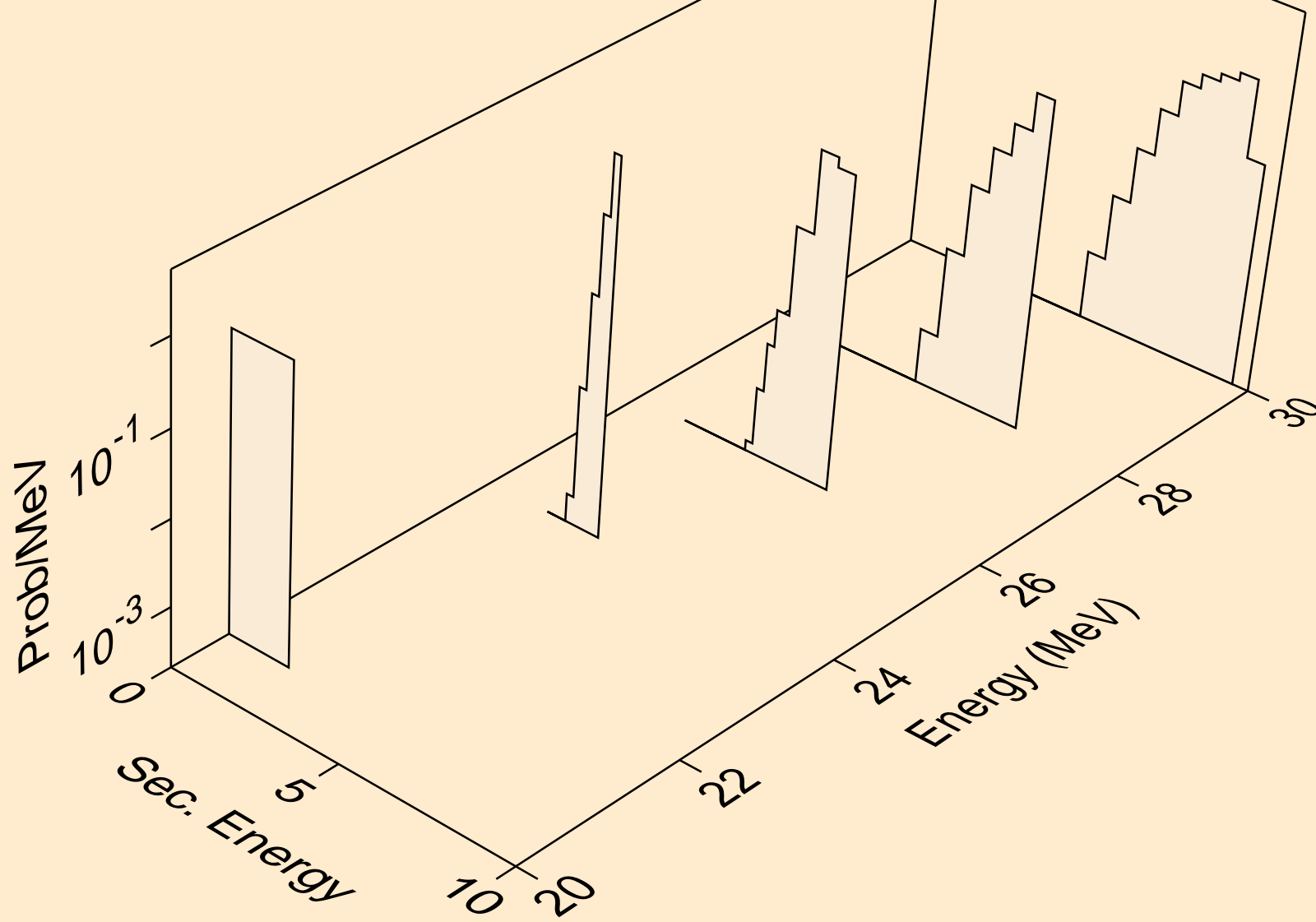
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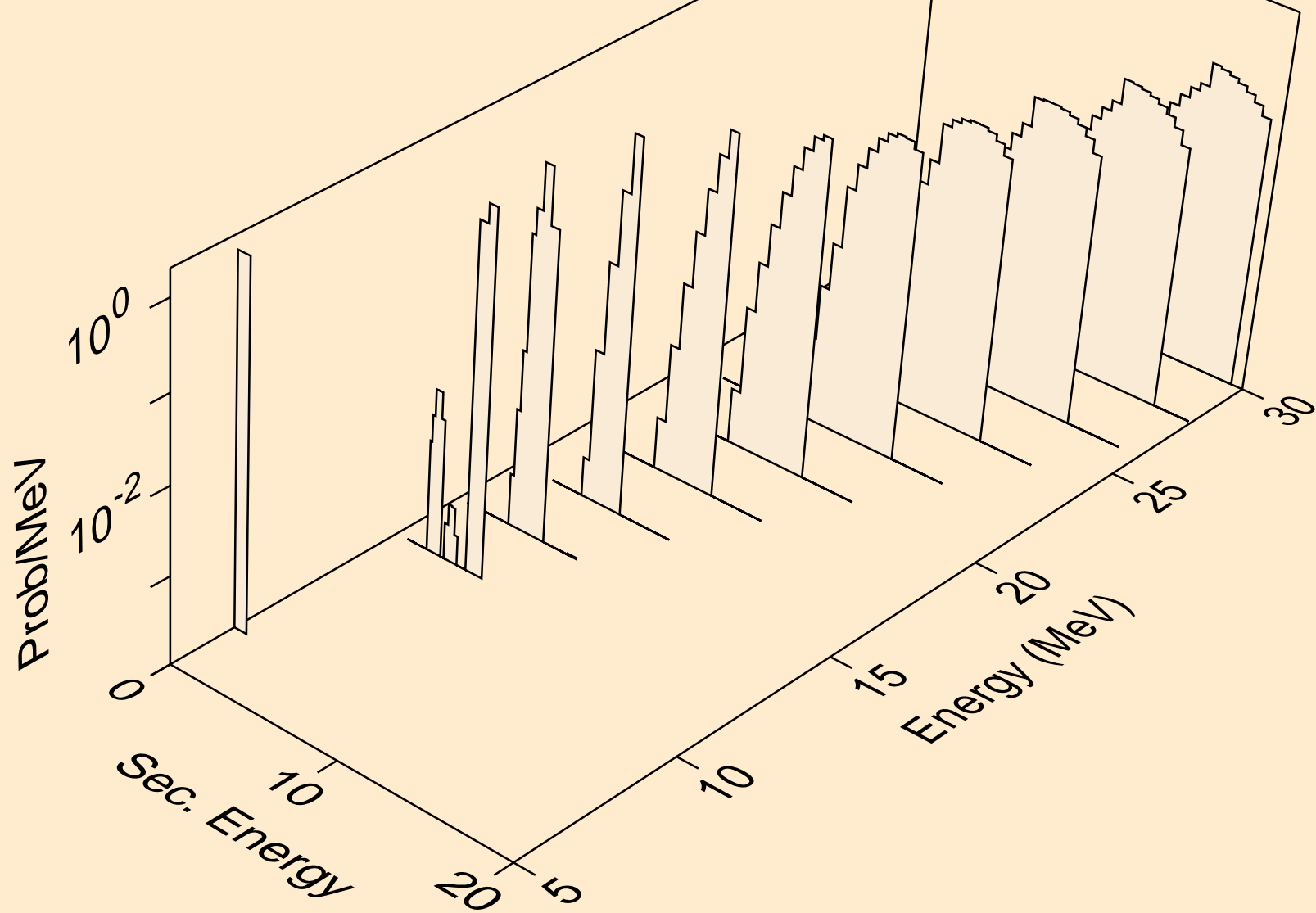
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tritons from (s,x)



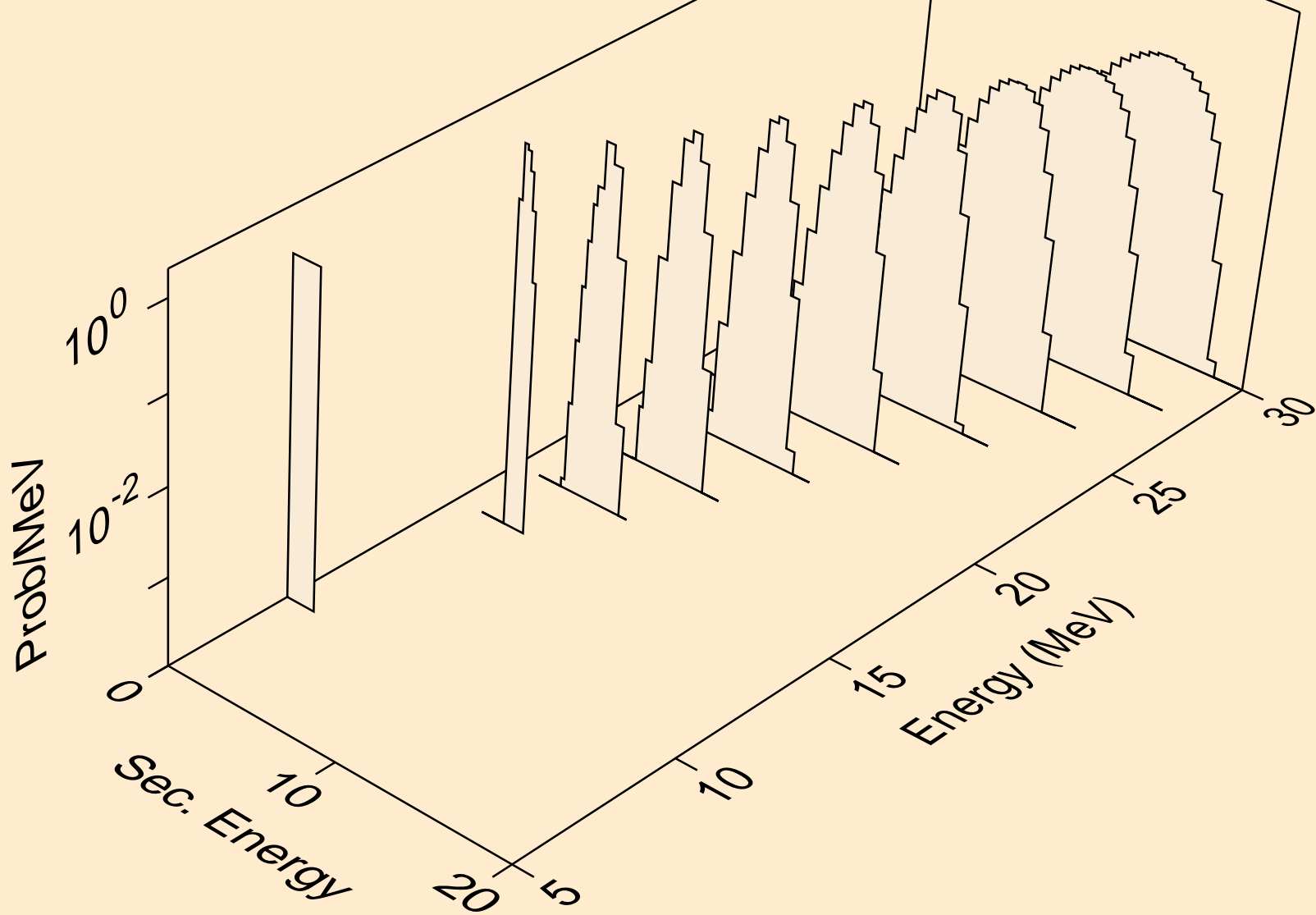
LU154M HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,n\*)t



LU154M HELION ACER TENDL-2023 LIBRARY; T=0.K  
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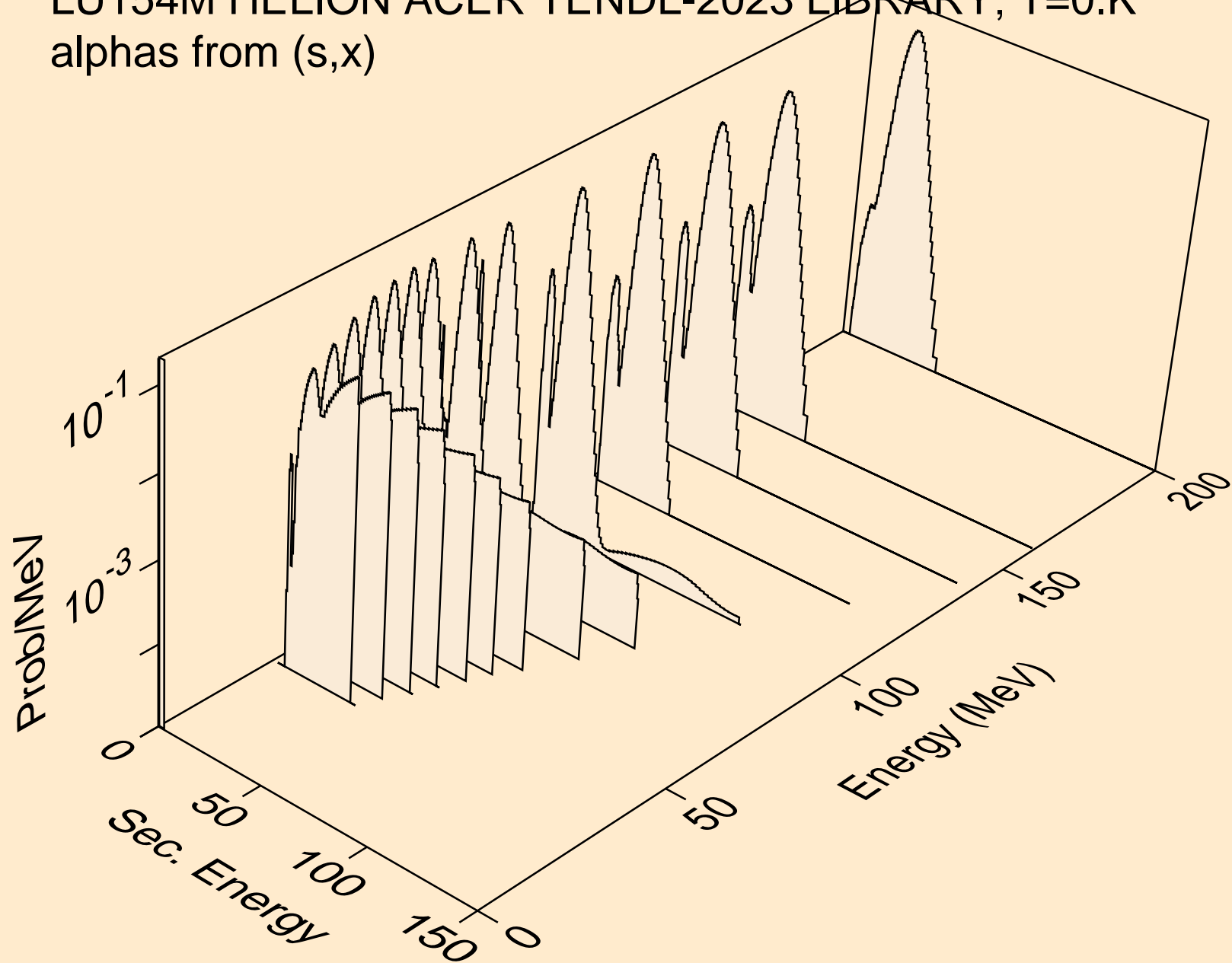


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tritons from (s,pt)

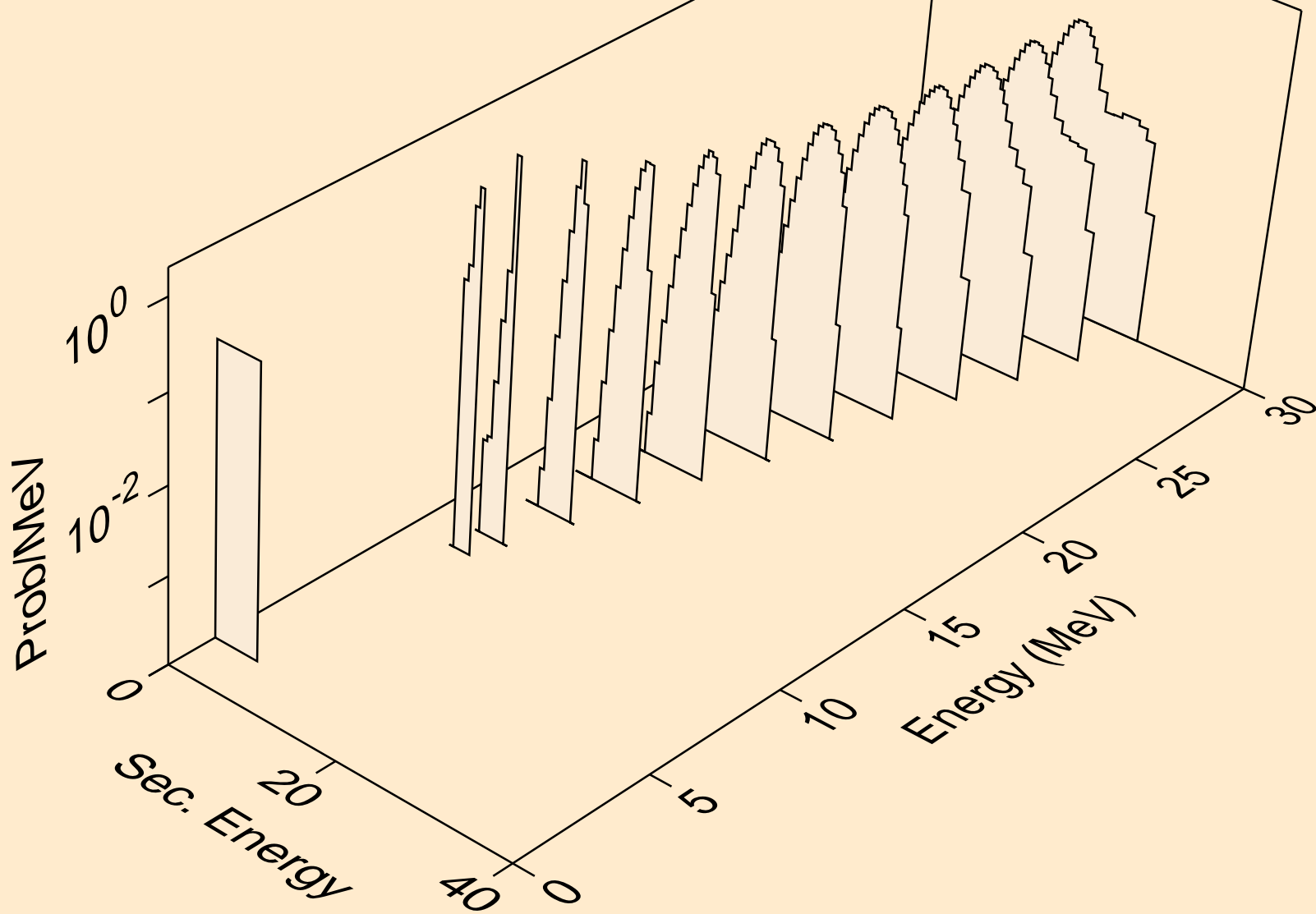




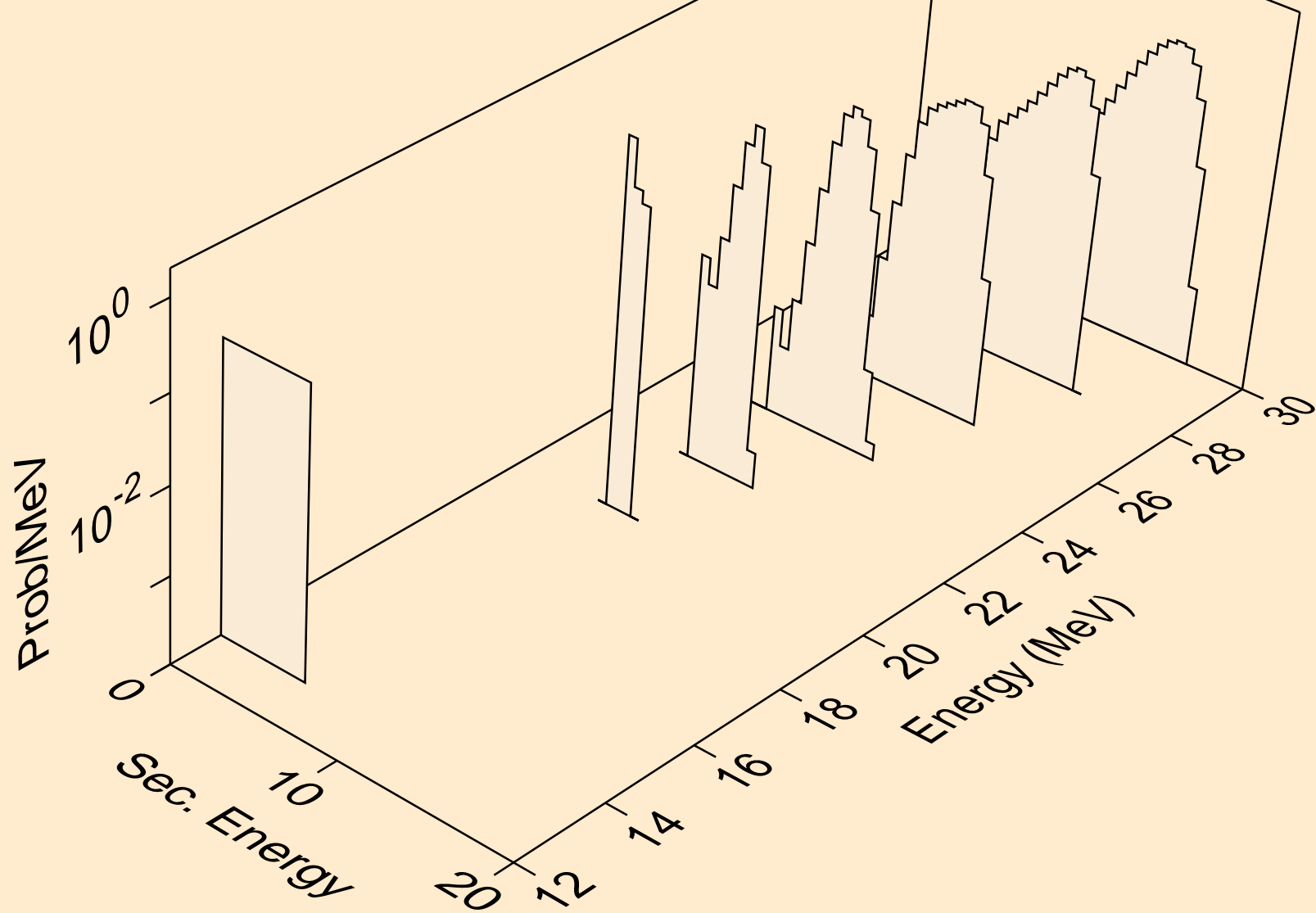
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alphas from (s,x)



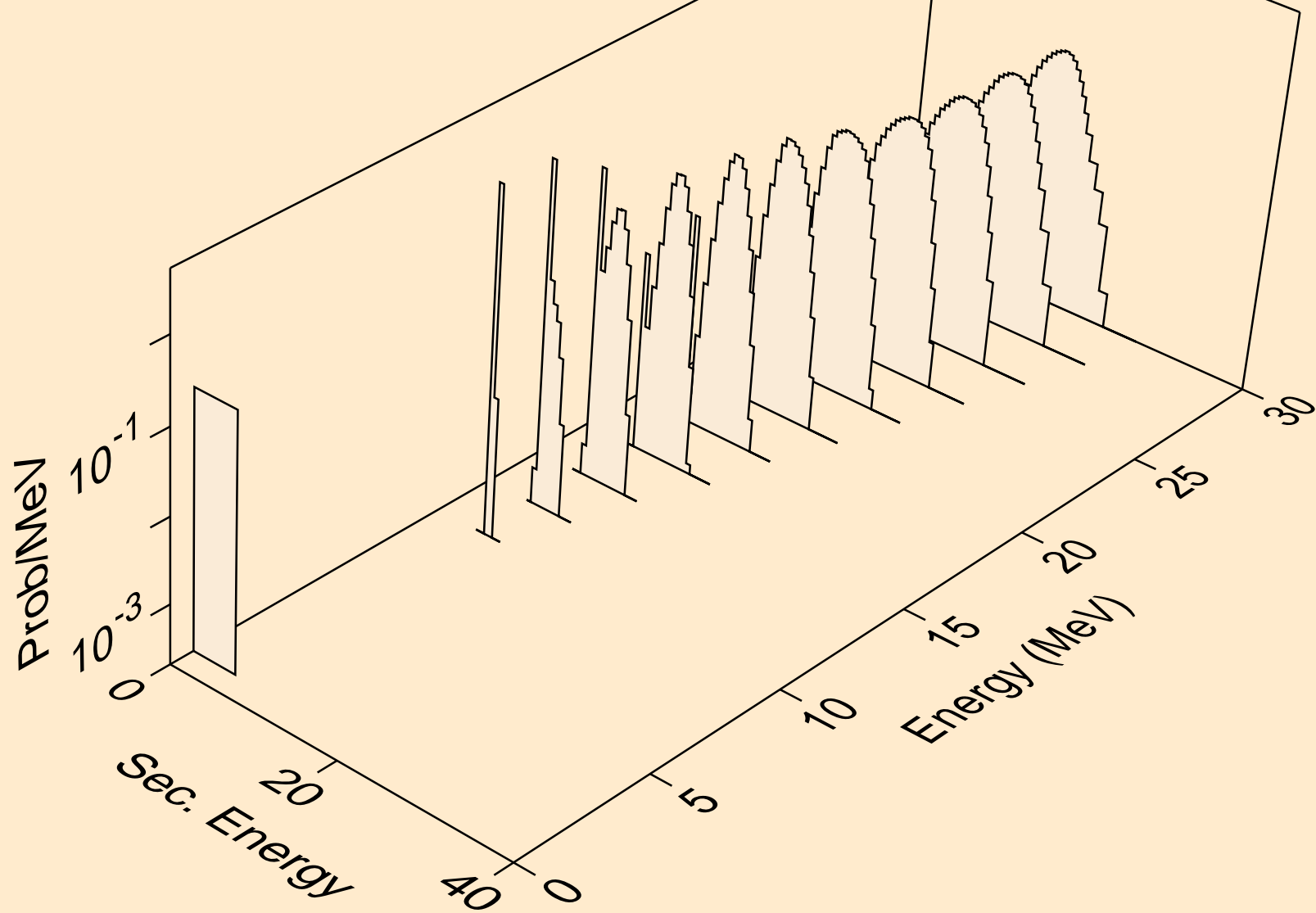
LU154M HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)a



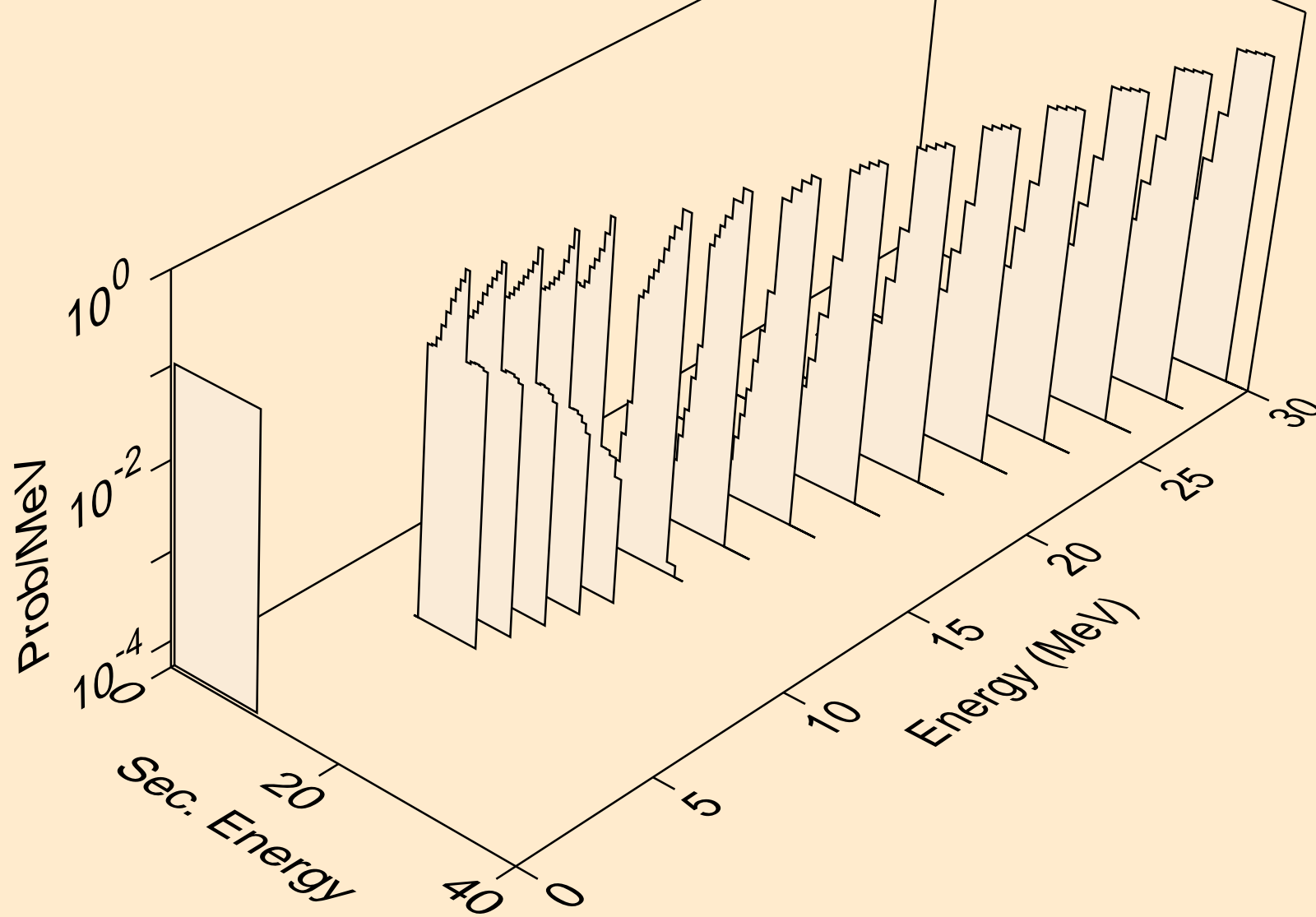
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alphas from (s,2n)a



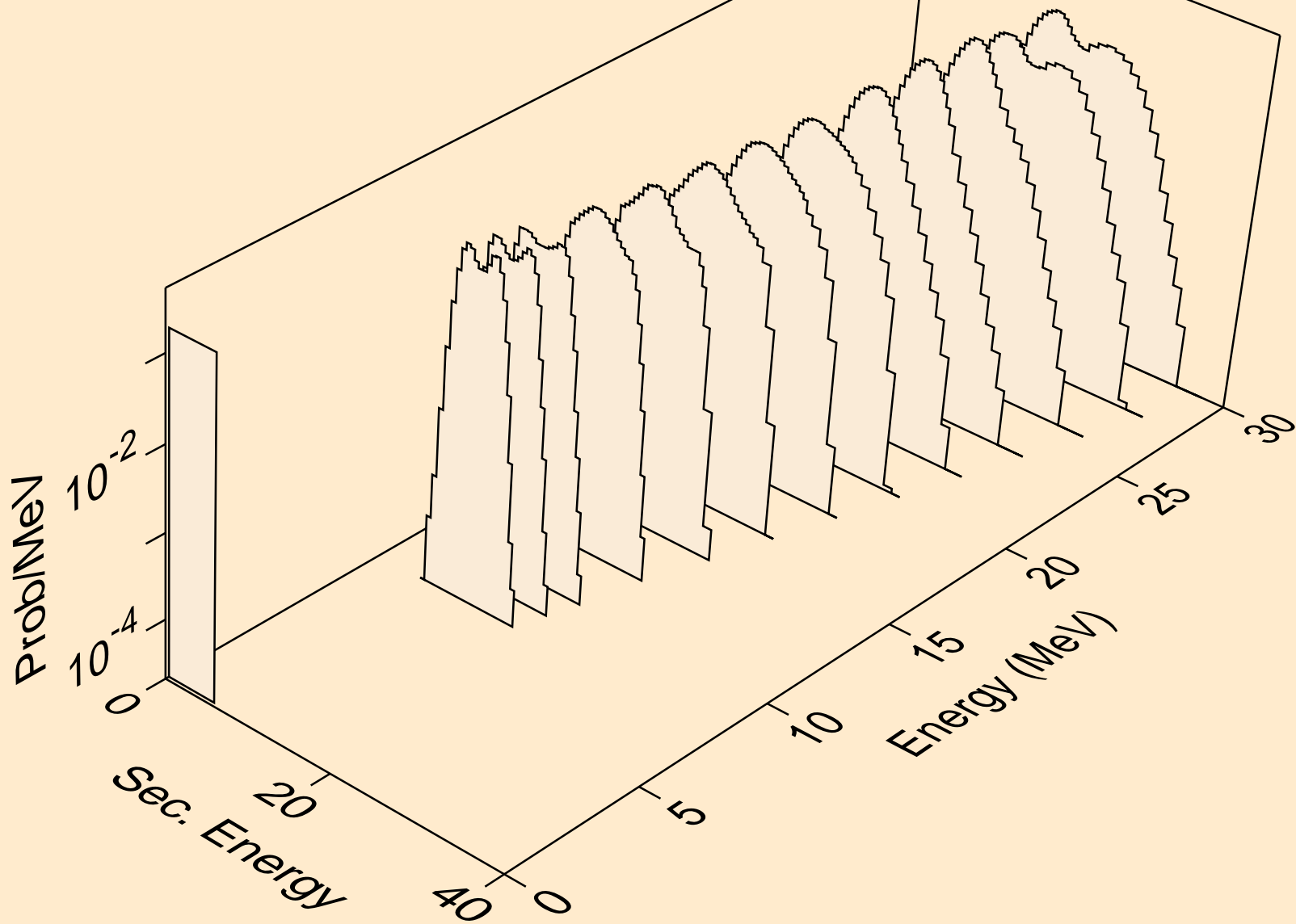
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alphas from (s,npa)



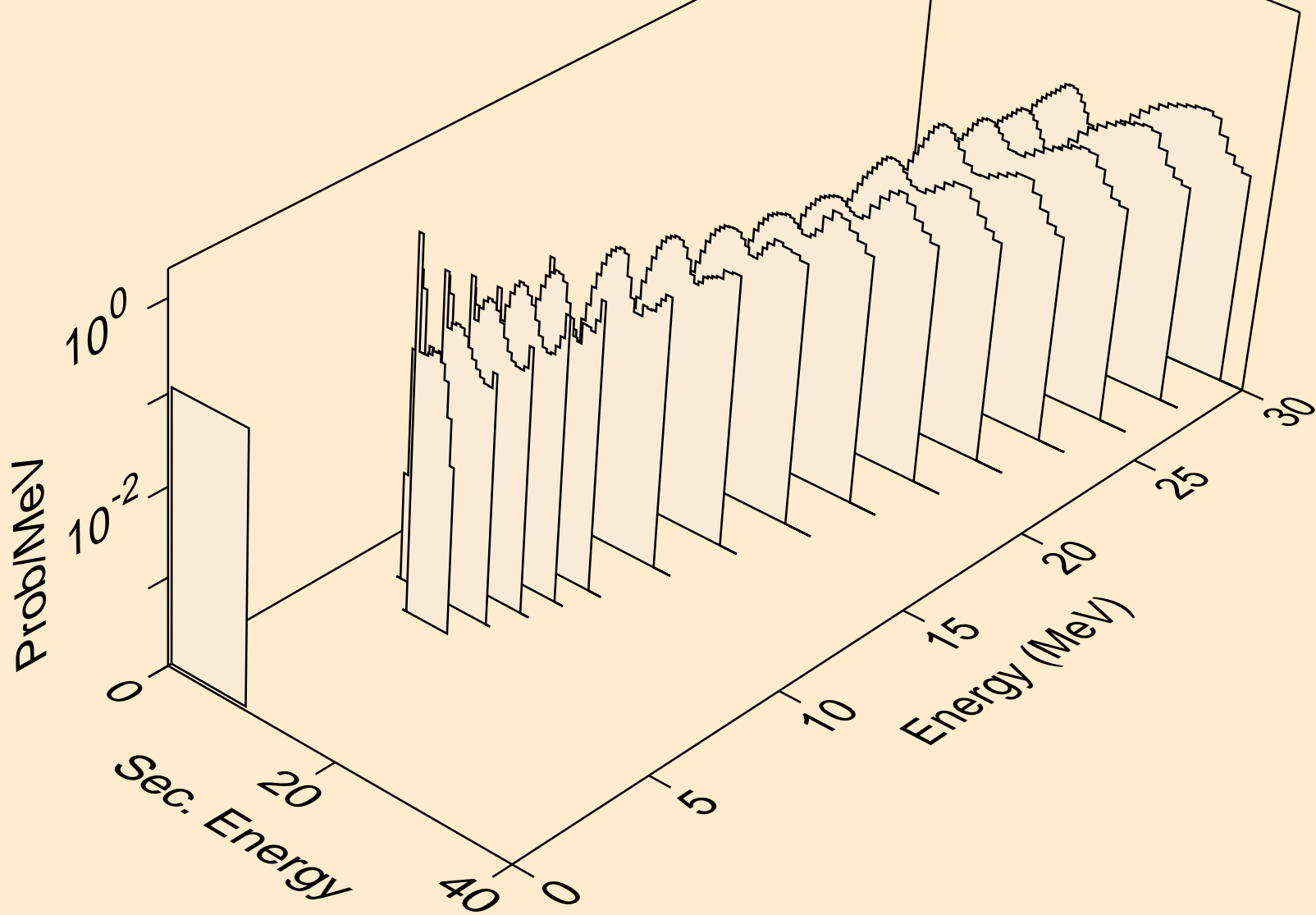
LU154M HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,a)



LU154M HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2a)



LU154M HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,pa)



LU154M HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,da)

