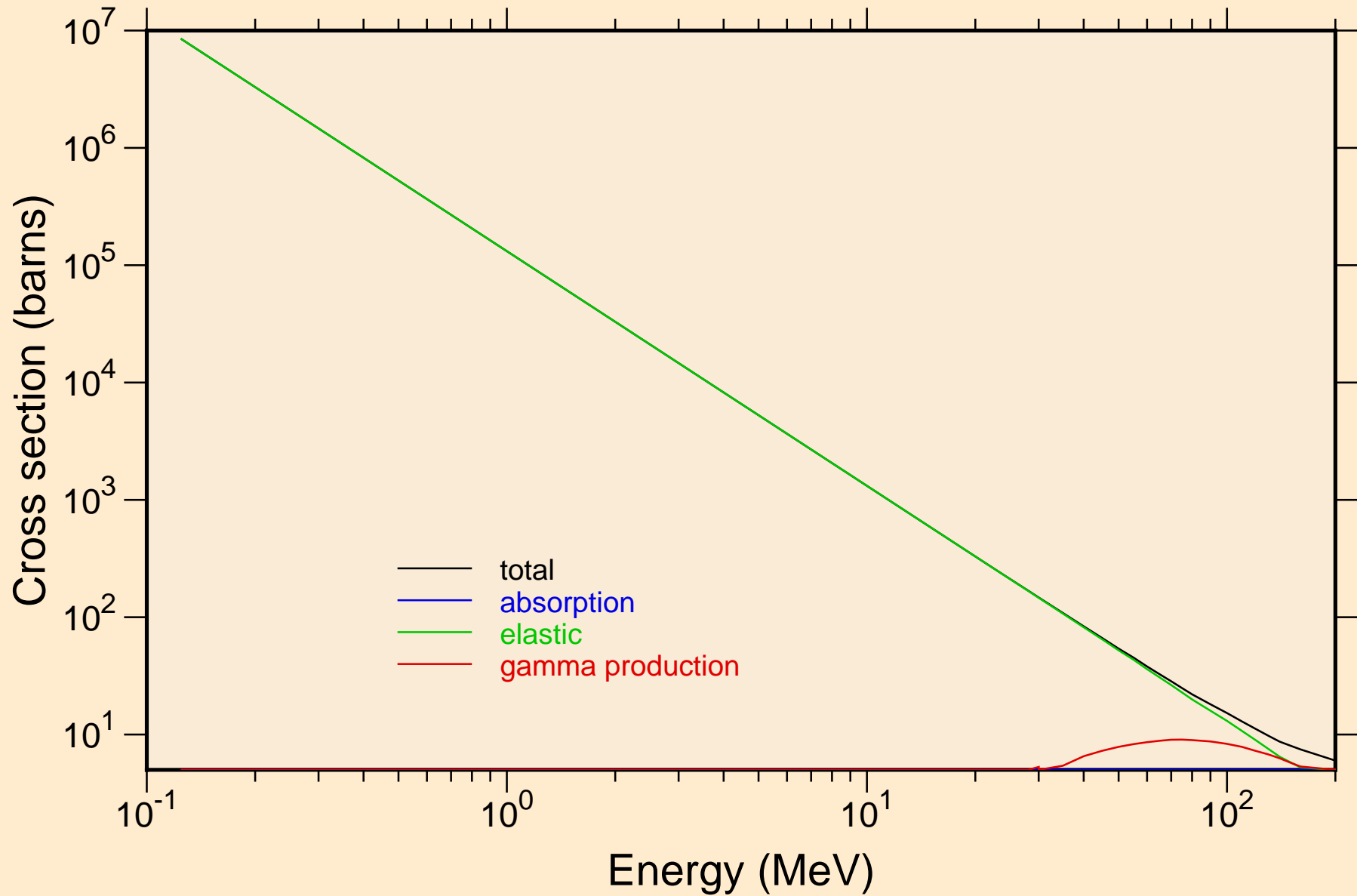
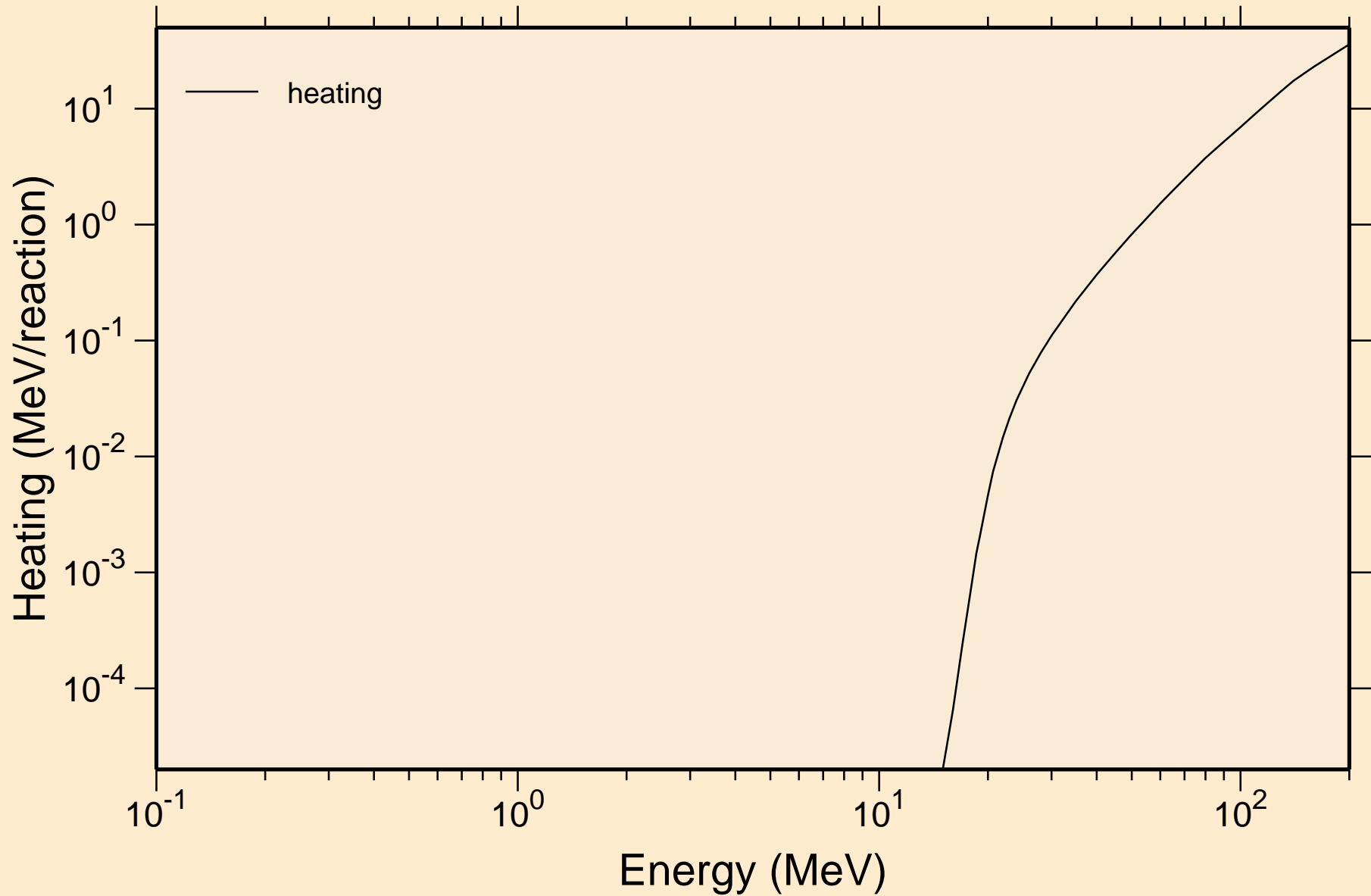


HF170 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



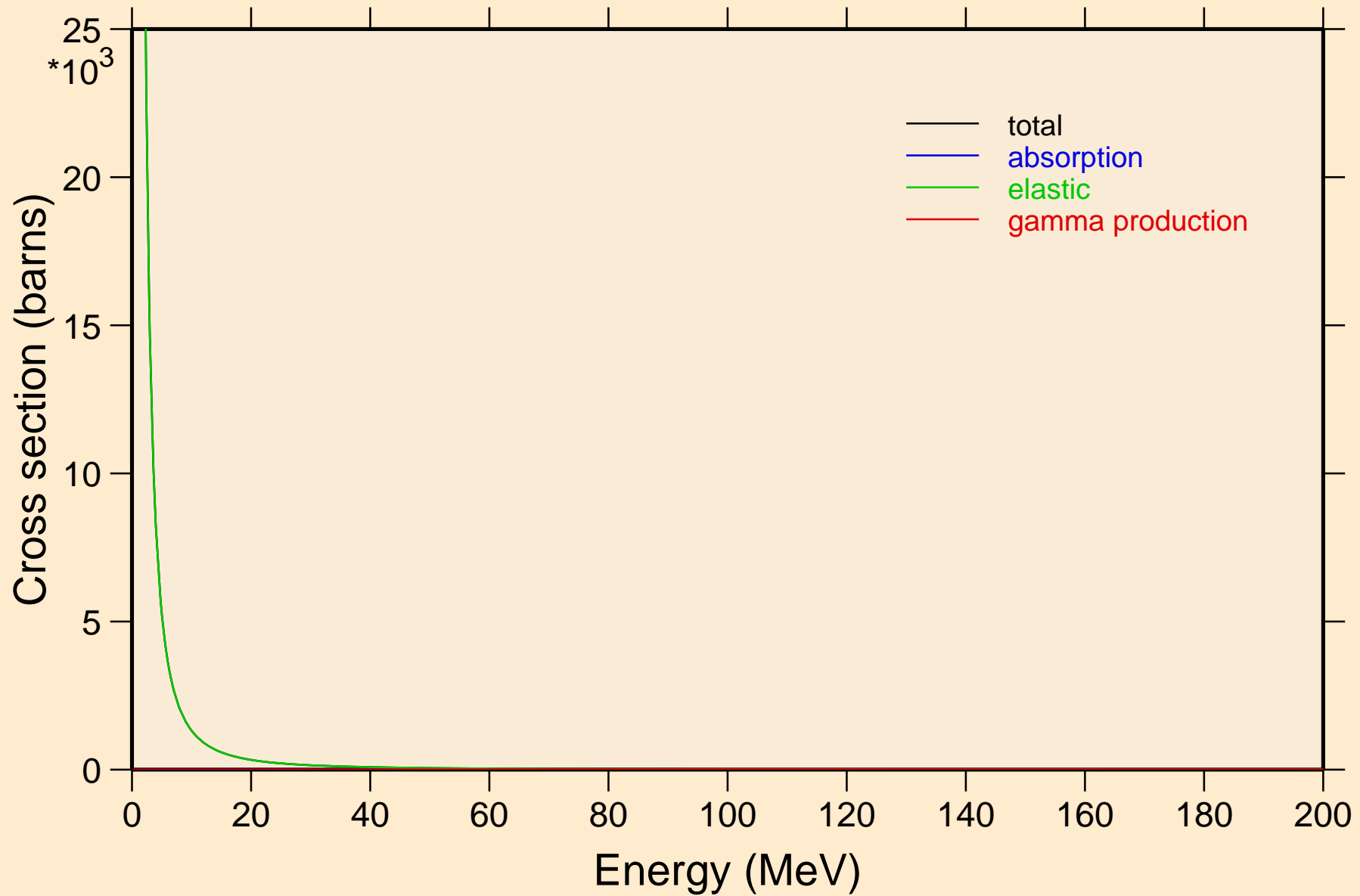
HF170 HELION ACER TENDL-2023 LIBRARY; T=0.K

Heating



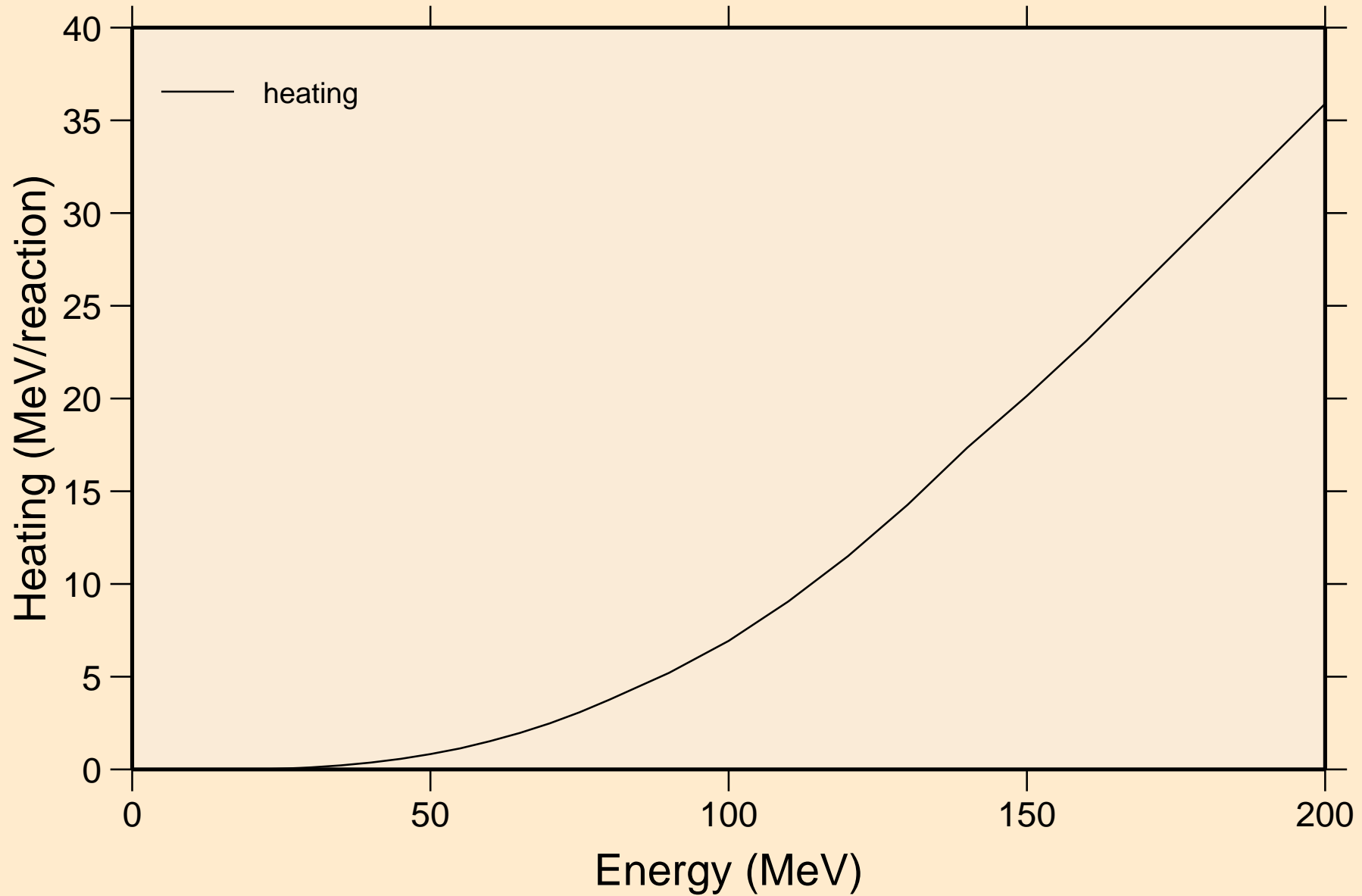
# HF170 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

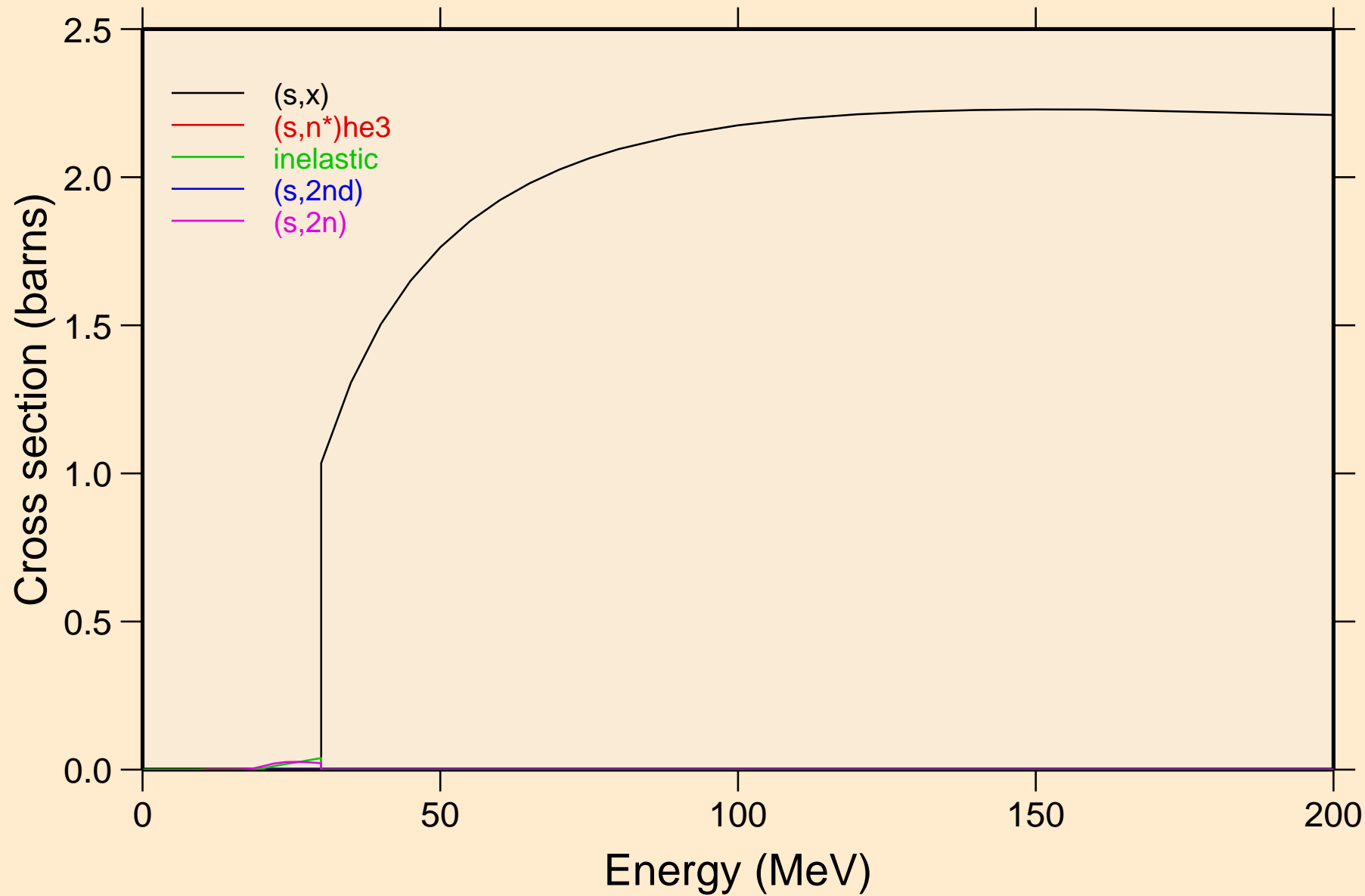


HF170 HELION ACER TENDL-2023 LIBRARY; T=0.K

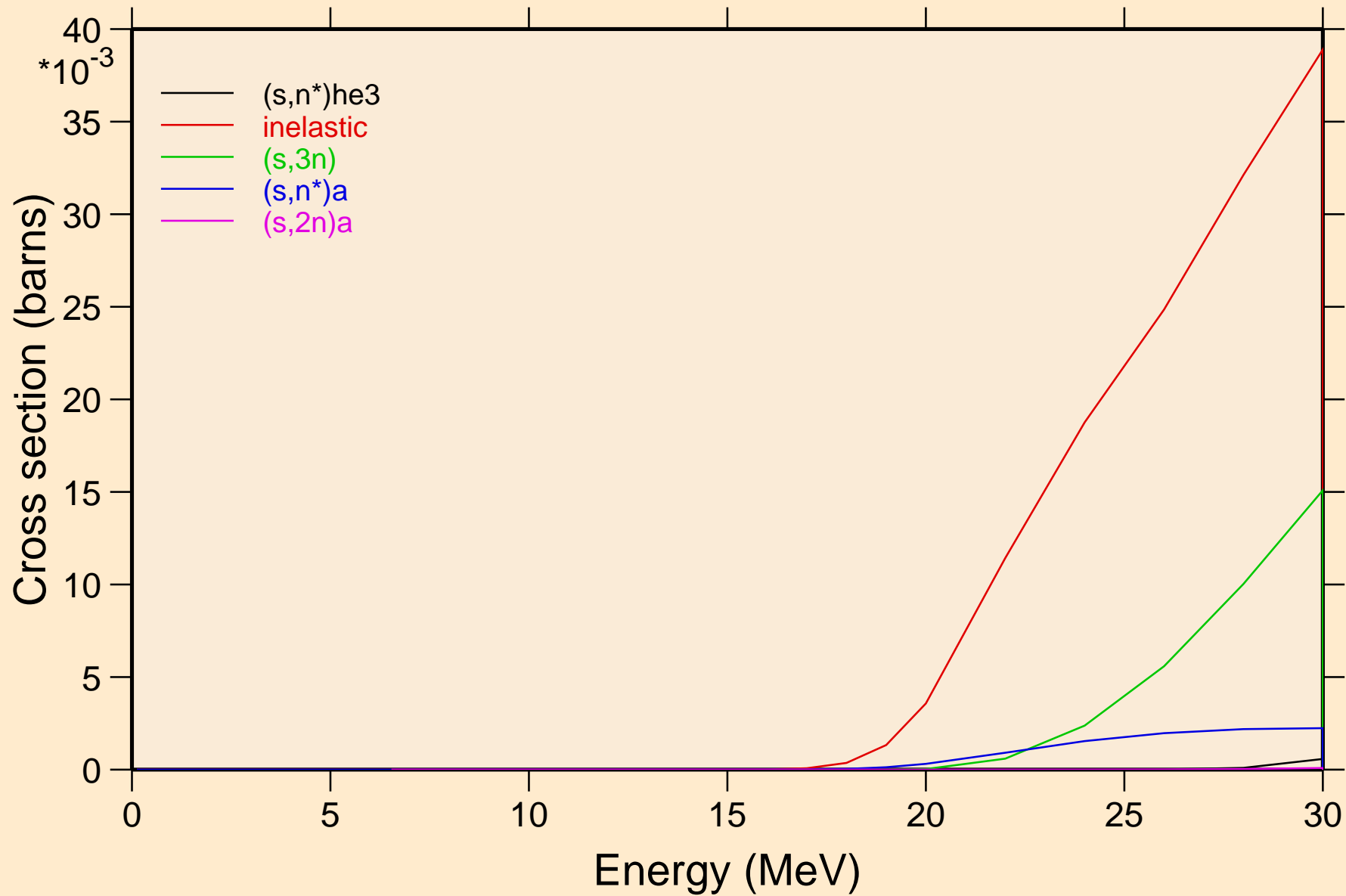
Heating



HF170 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

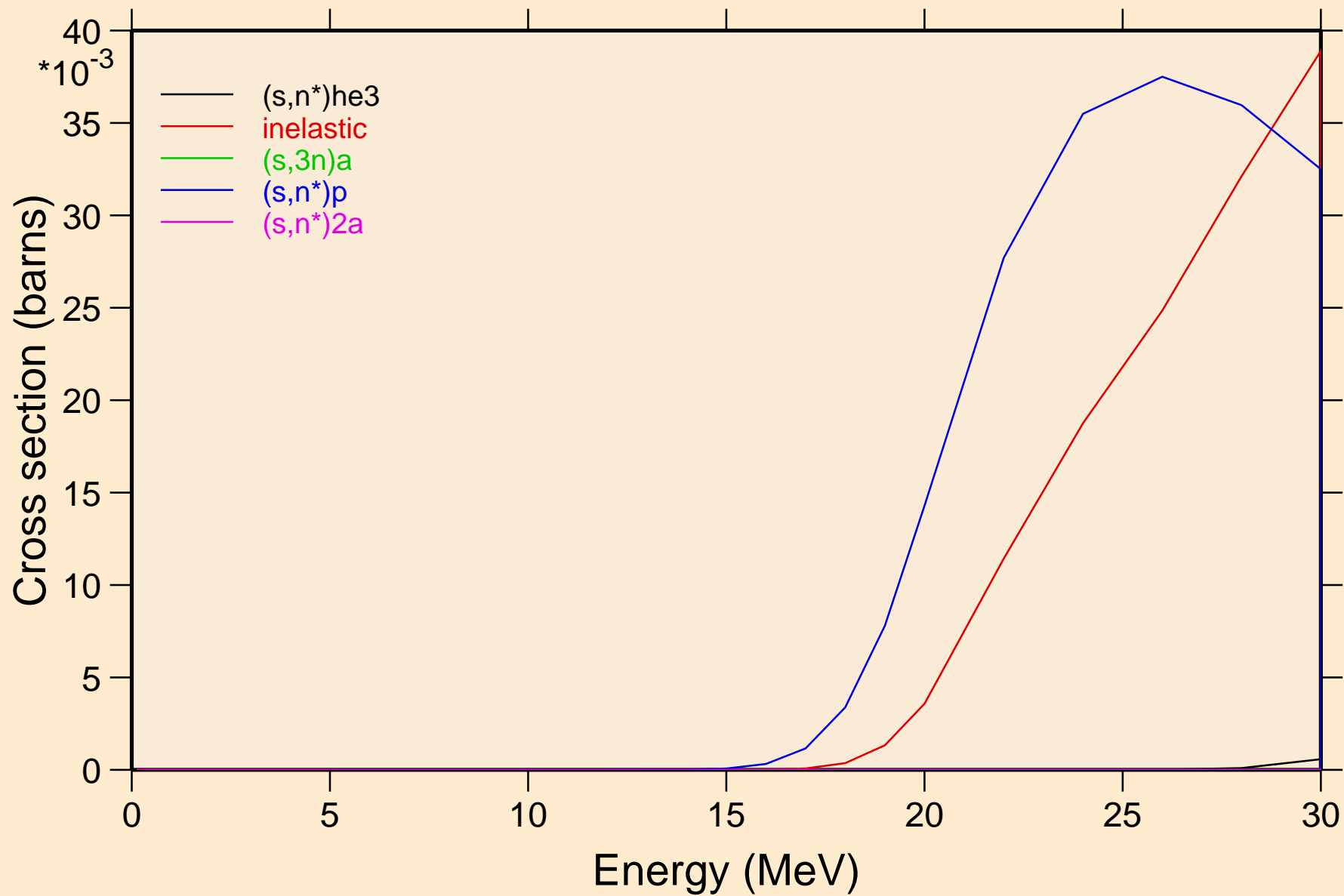


HF170 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

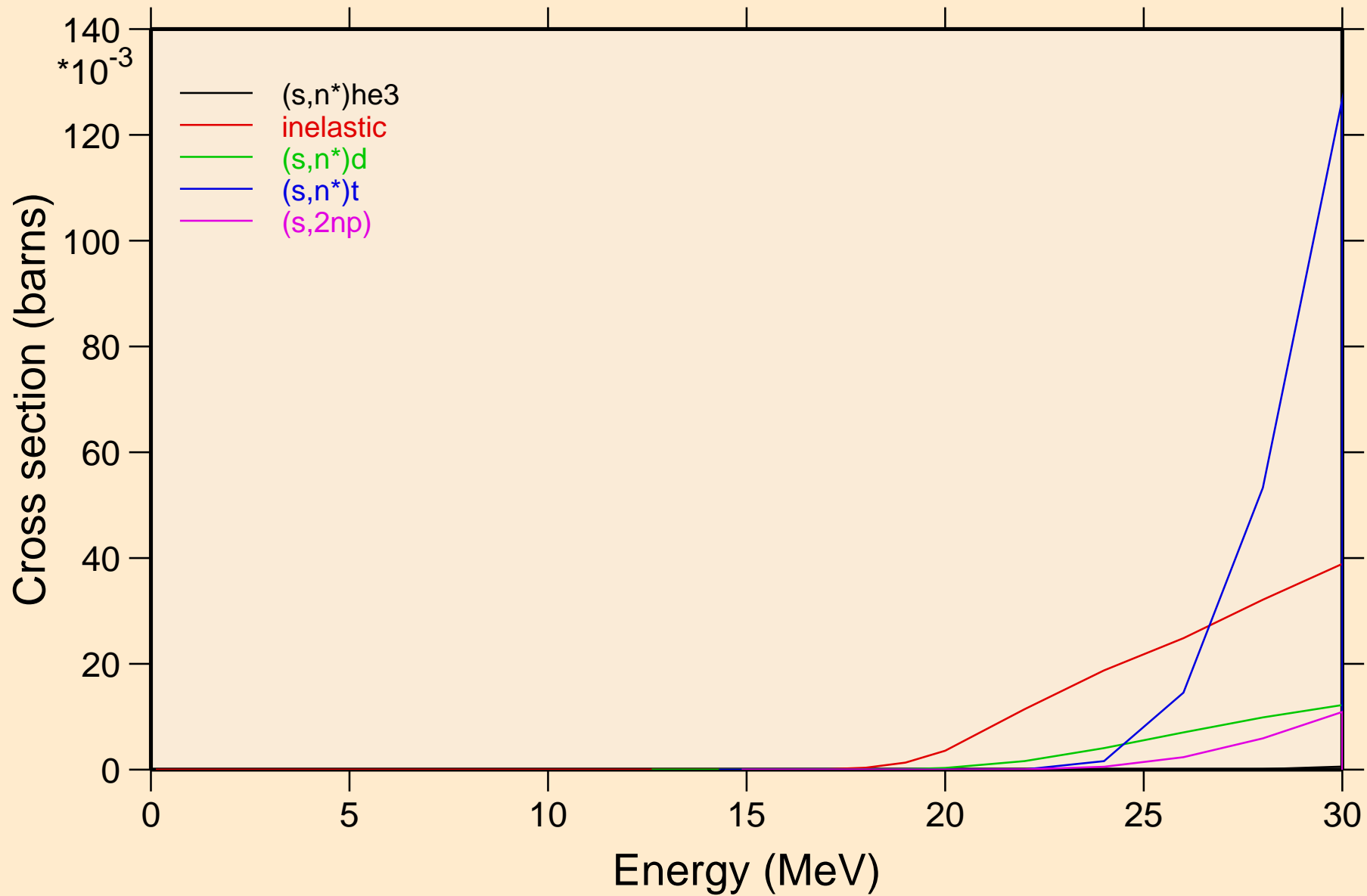


# HF170 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

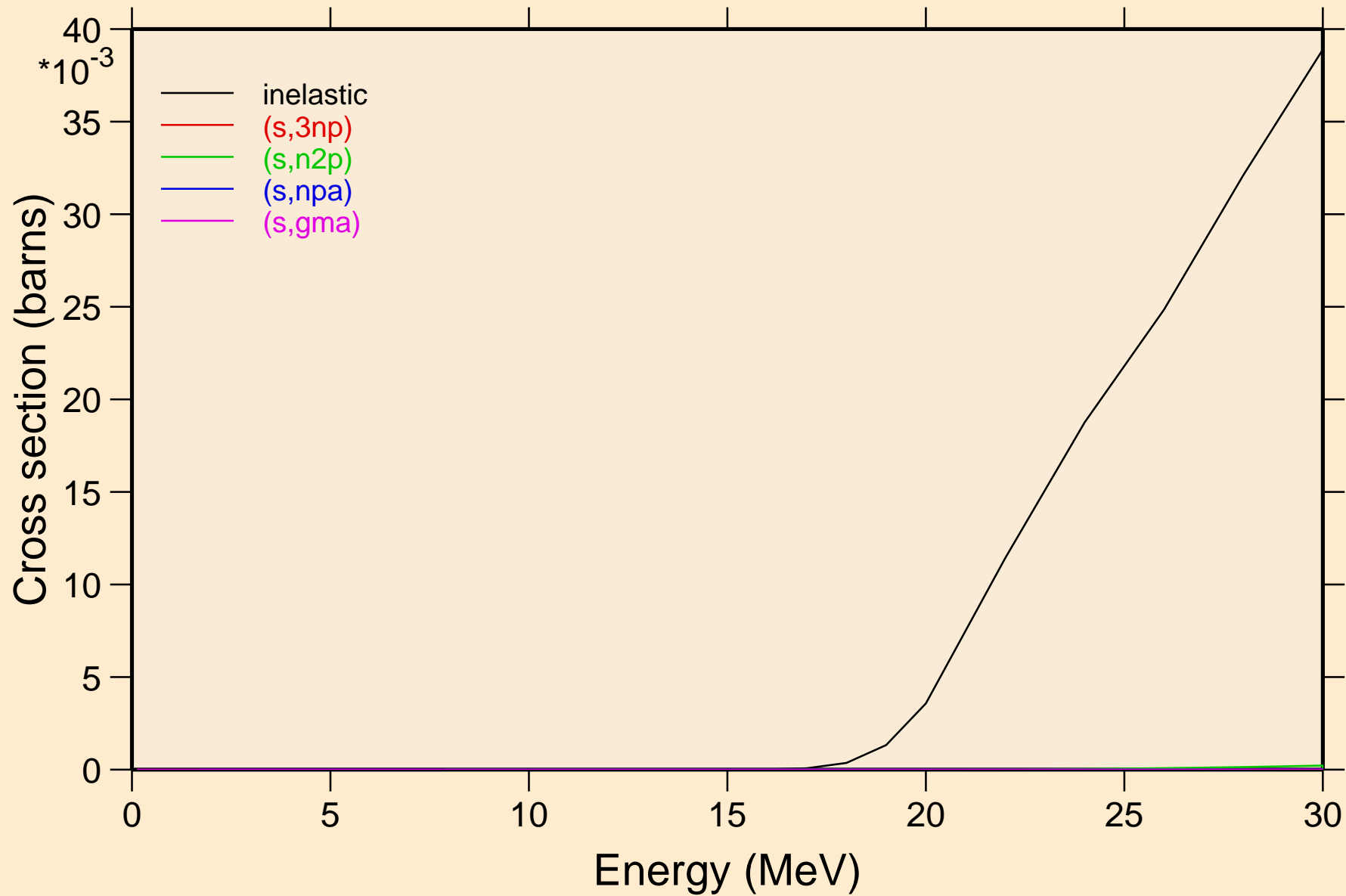


HF170 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

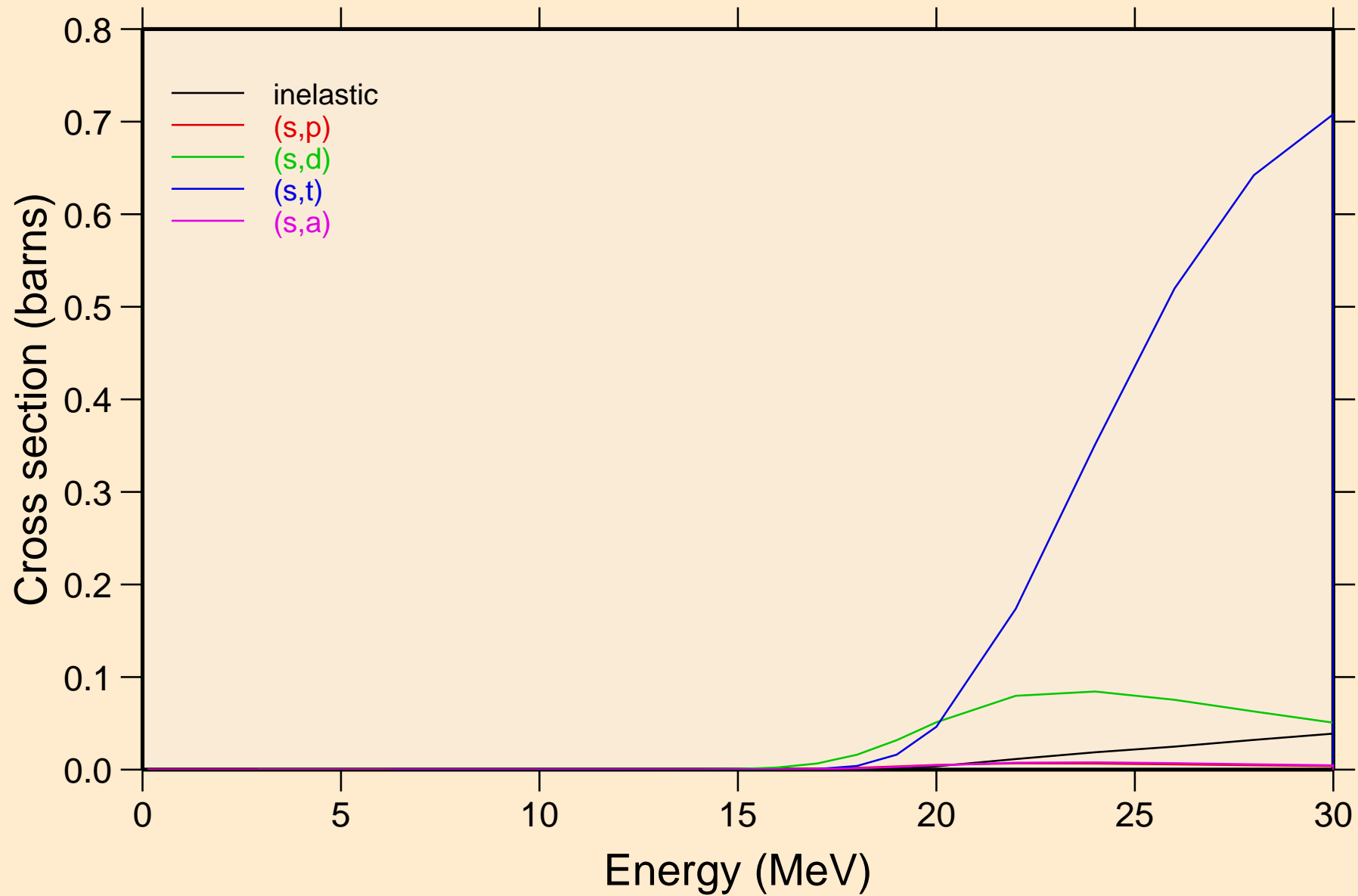


# HF170 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

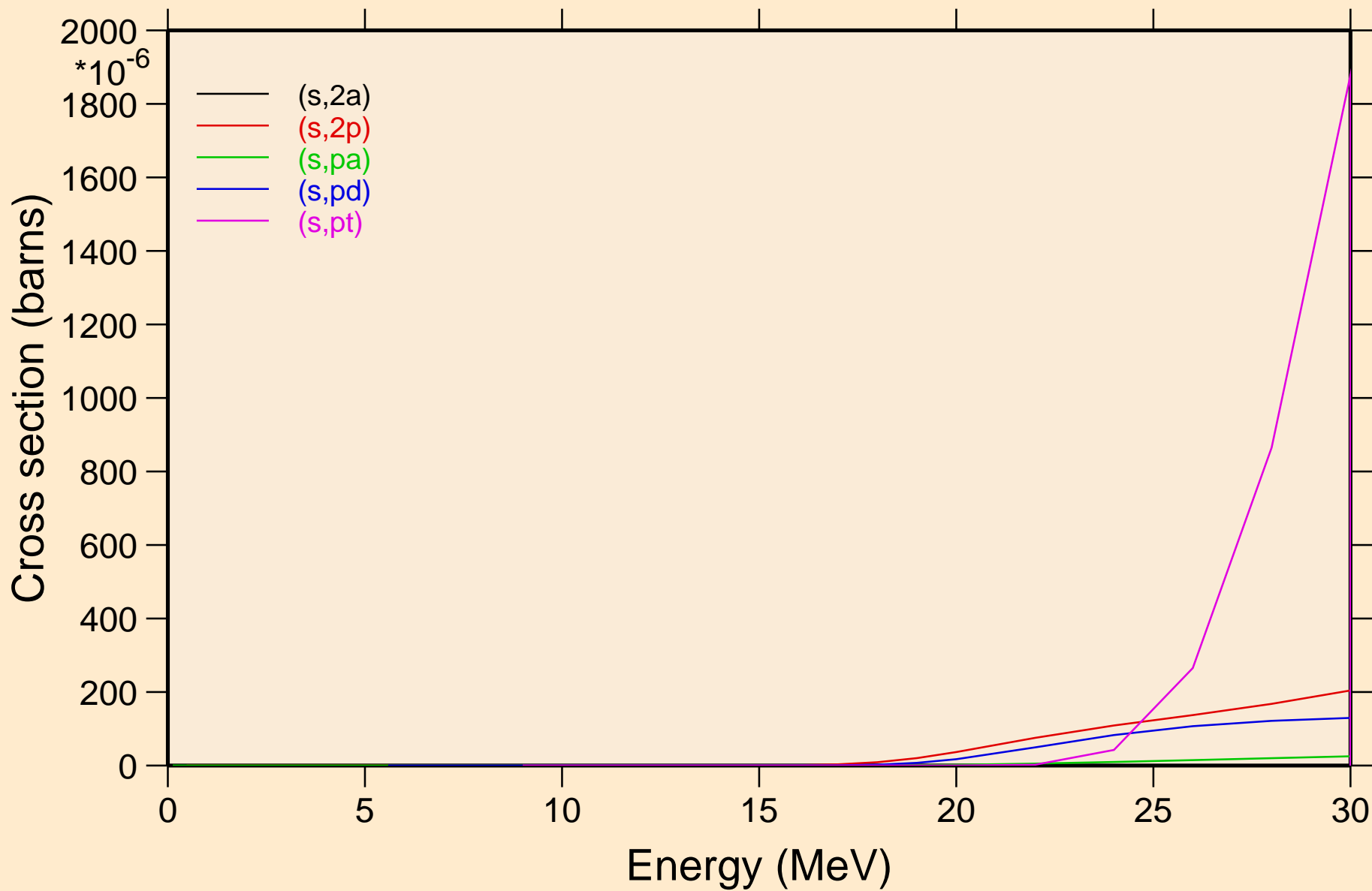


HF170 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

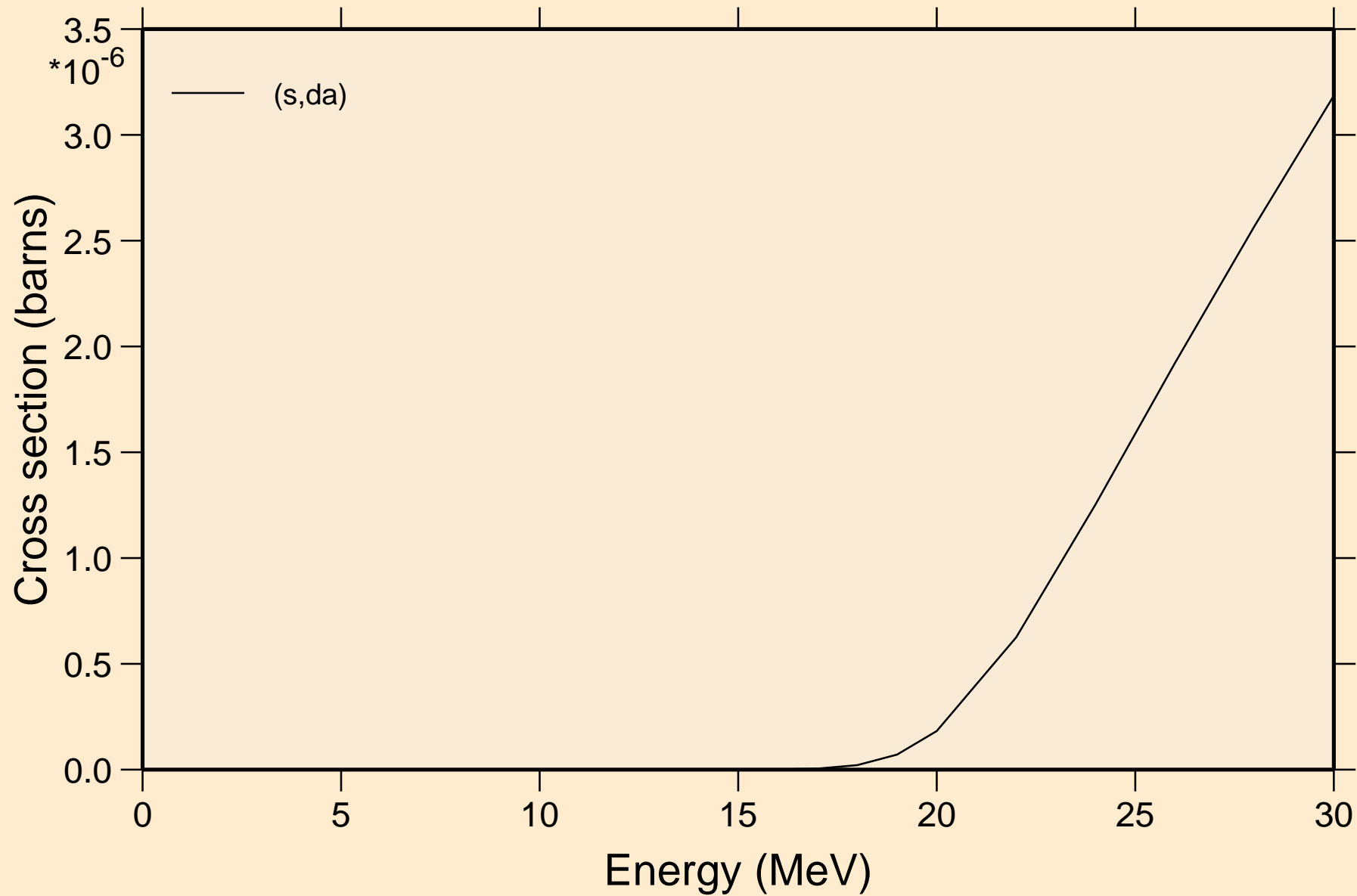


# HF170 HELION ACER TENDL-2023 LIBRARY; T=0.K

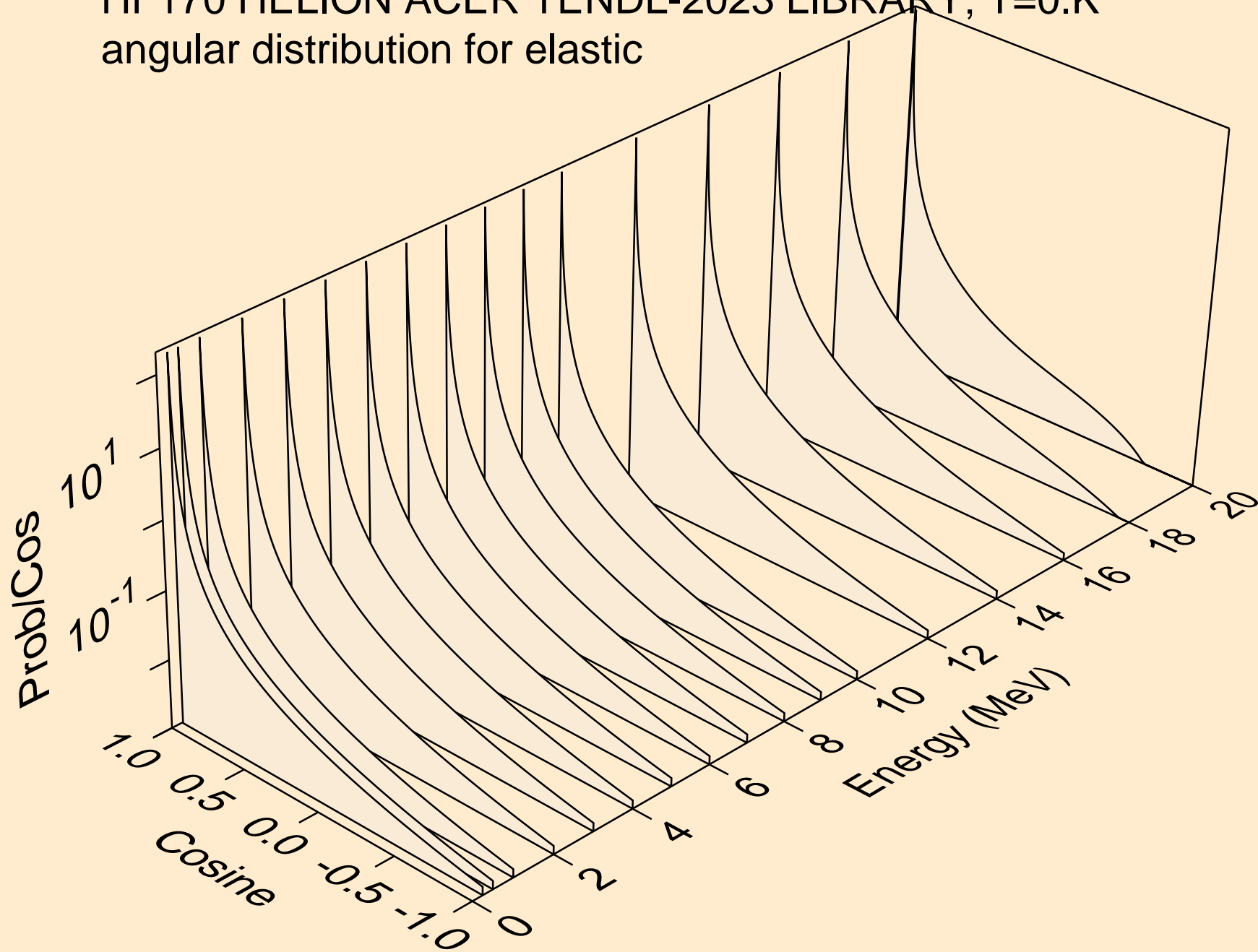
## Threshold reactions



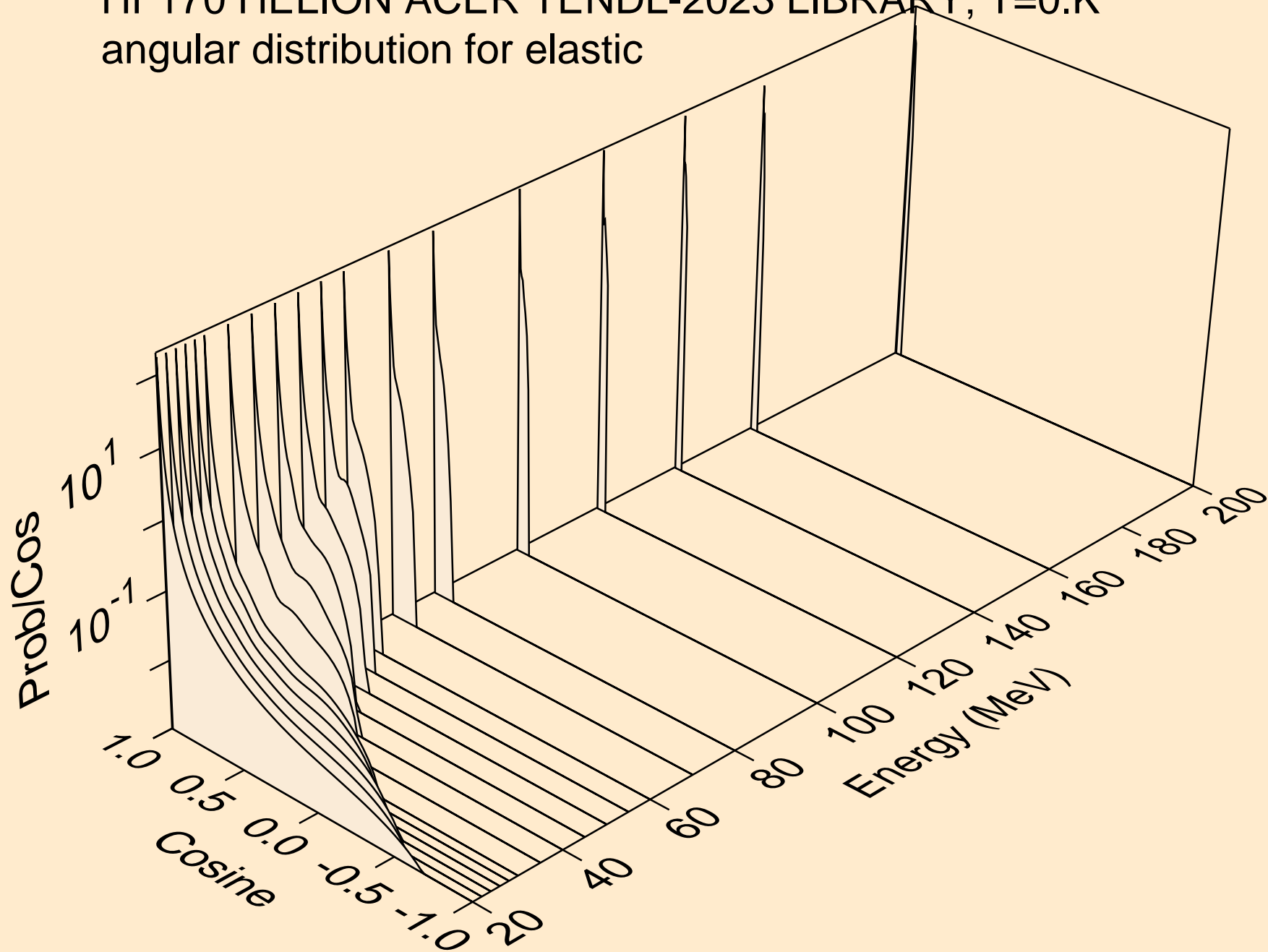
HF170 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



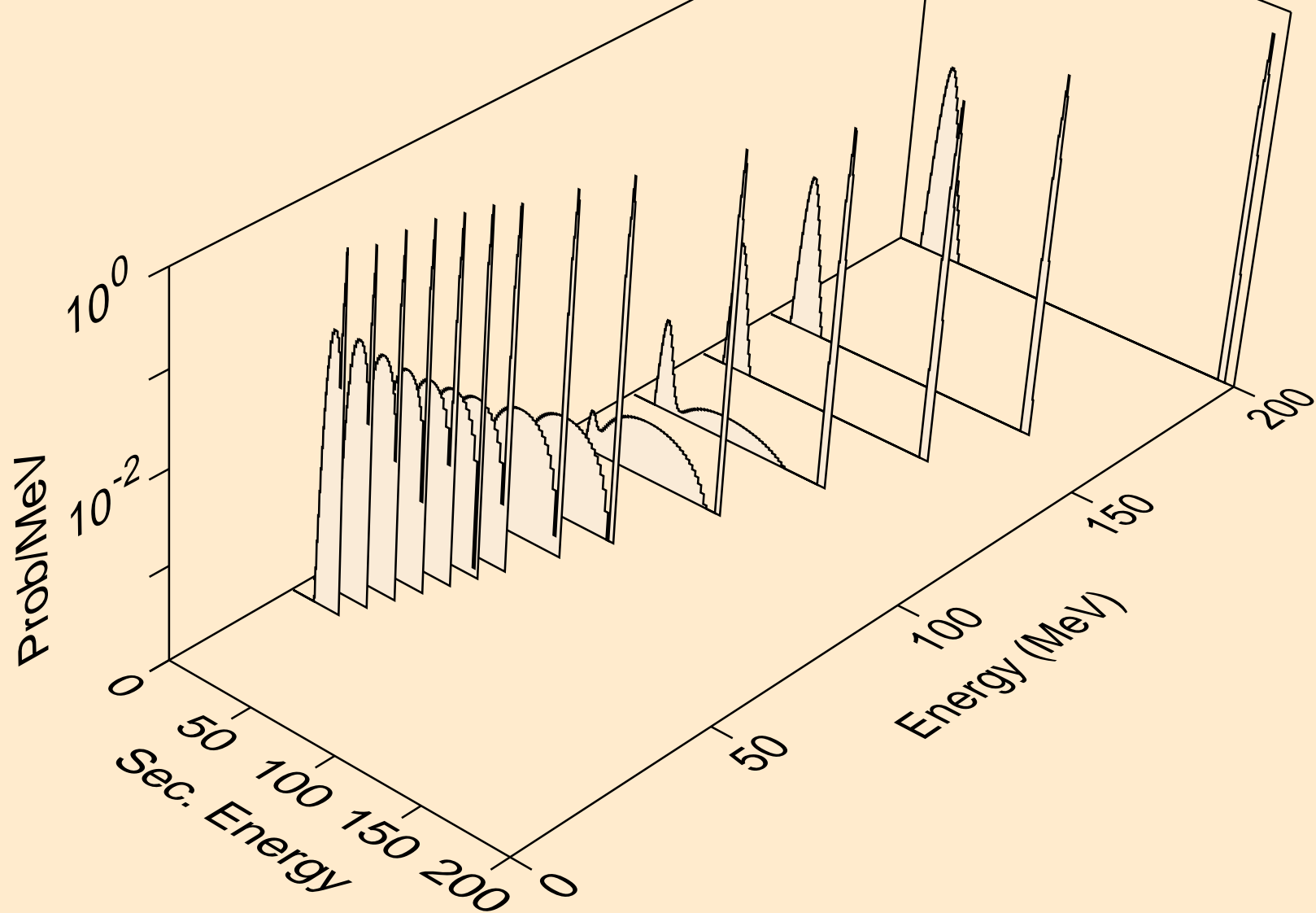
HF170 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



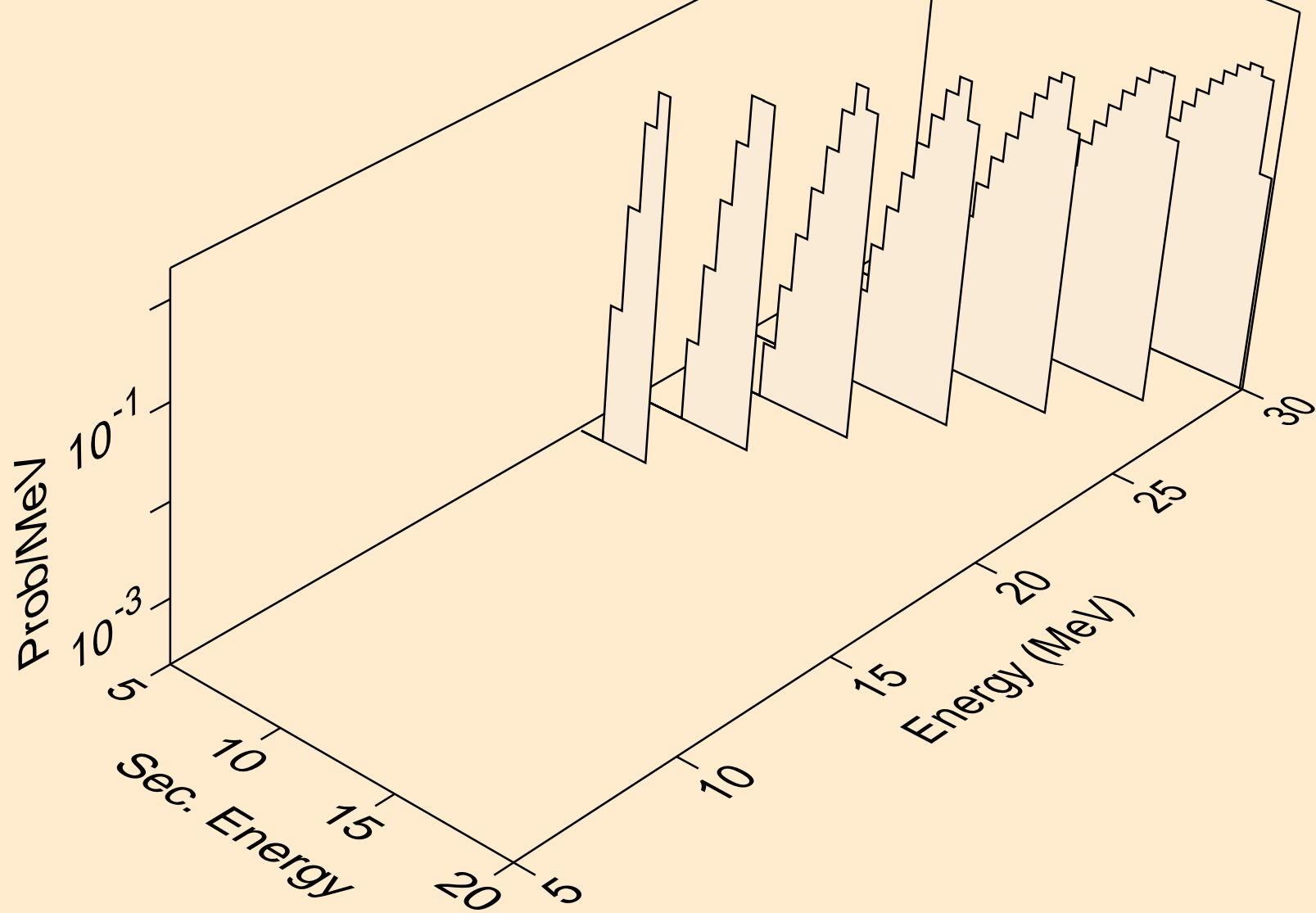
HF170 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



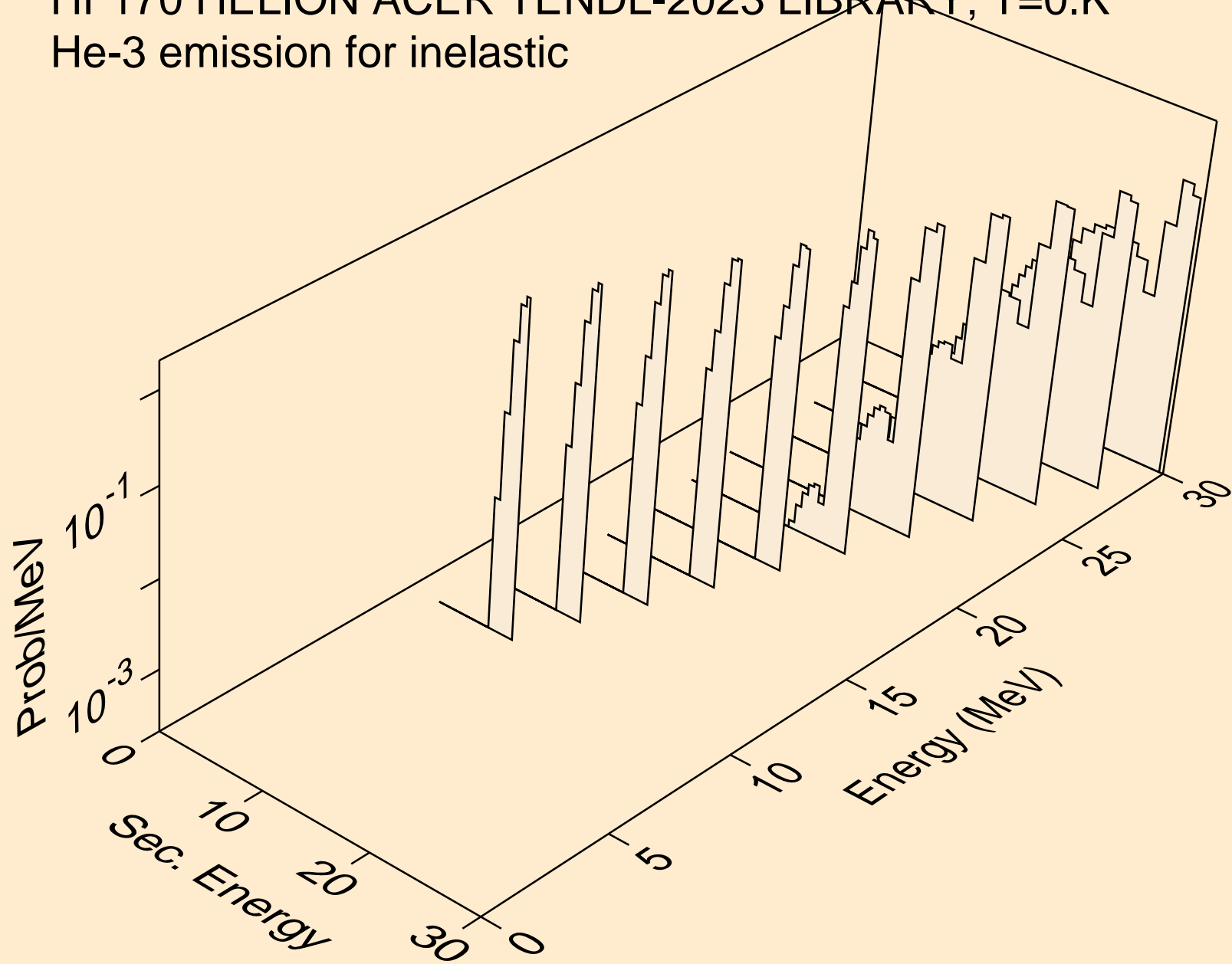
HF170 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,x)



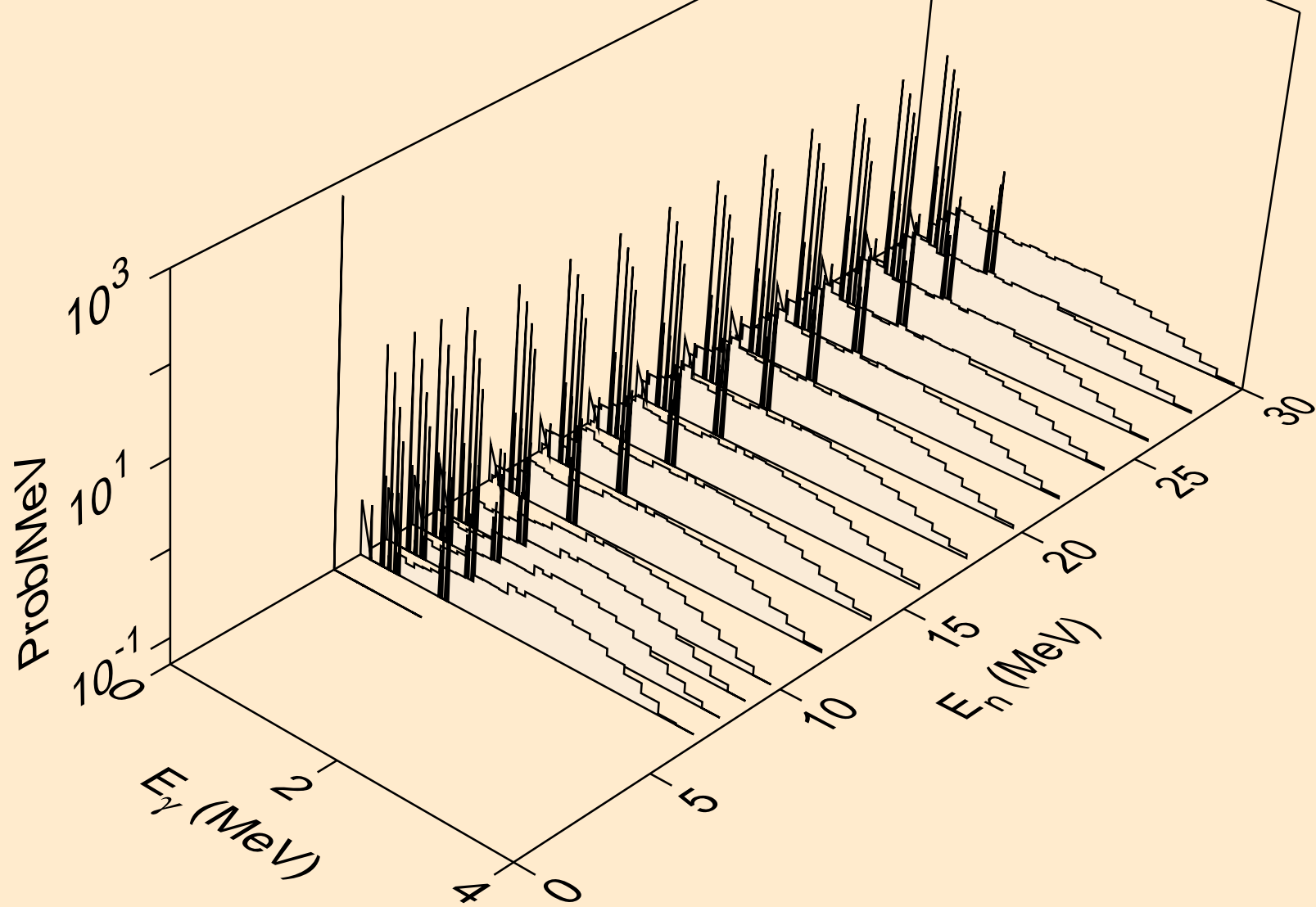
HF170 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3



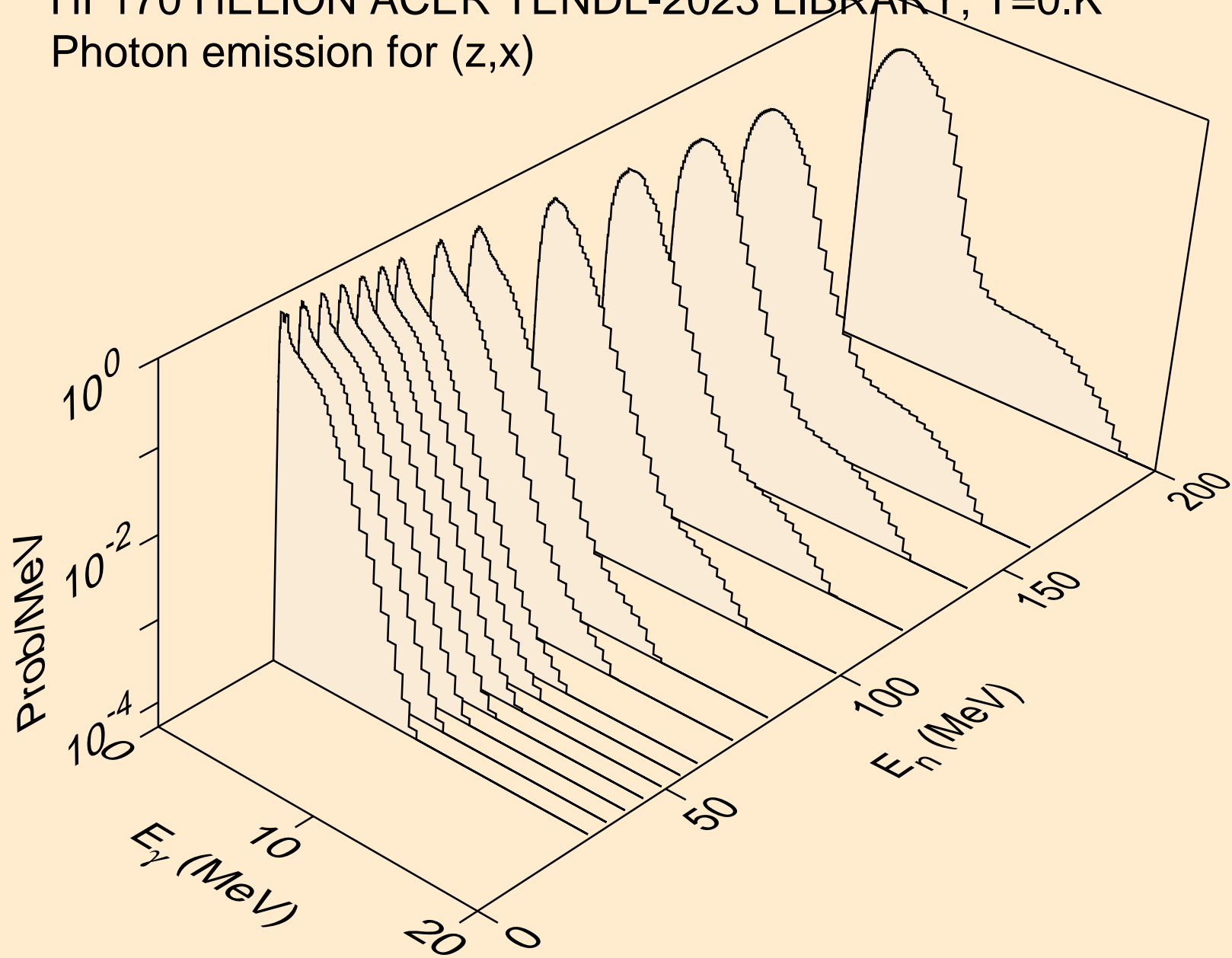
HF170 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for inelastic



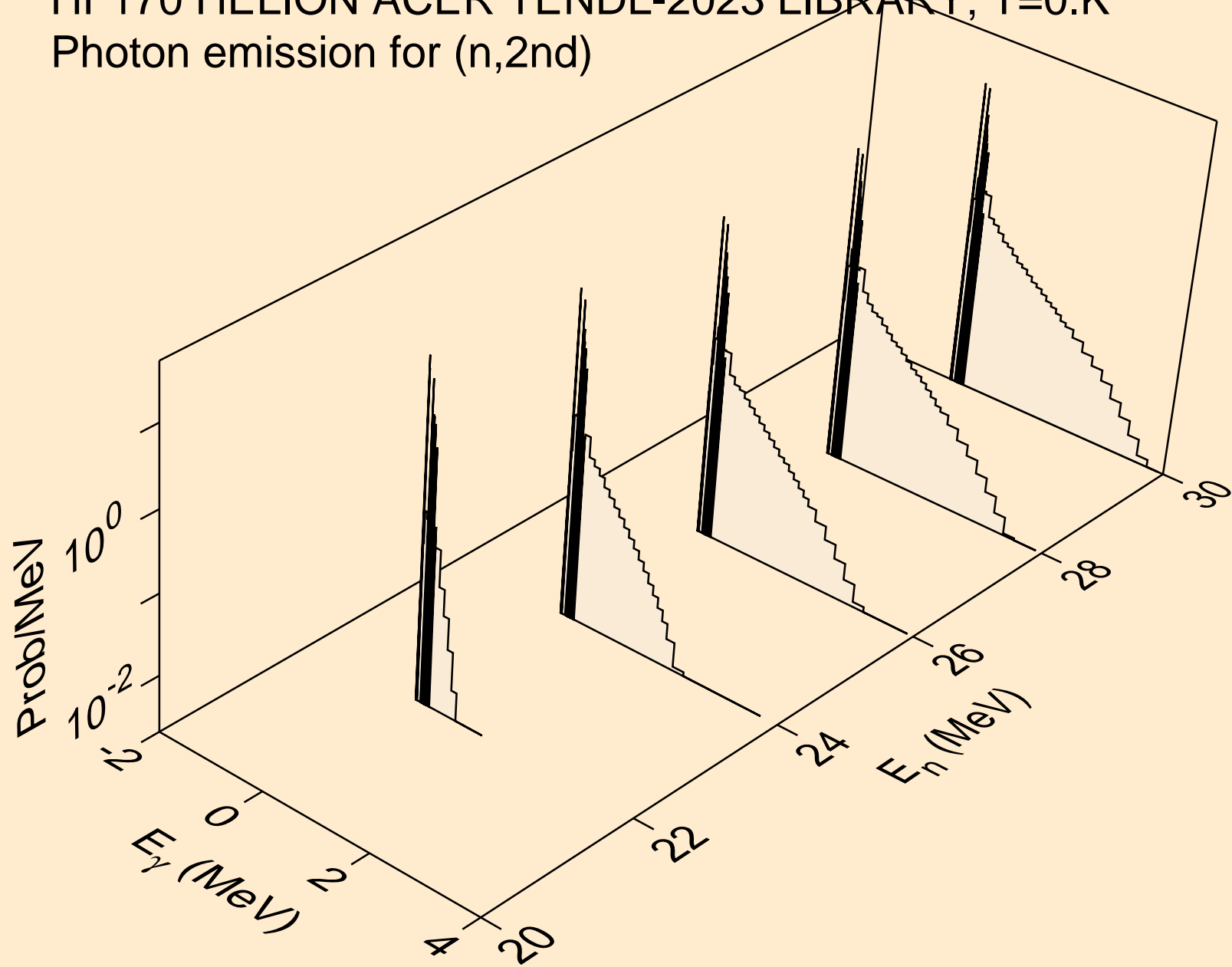
HF170 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



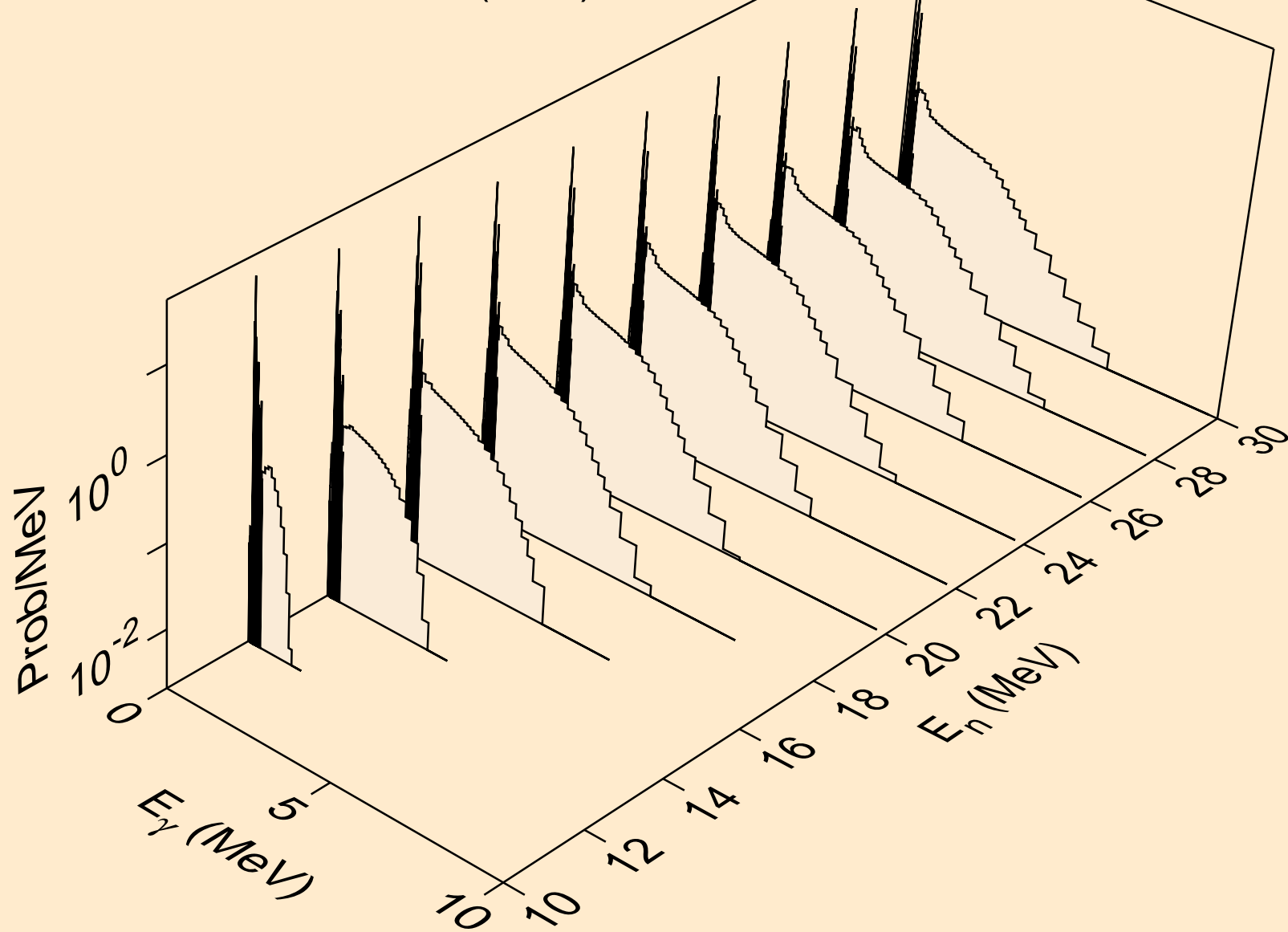
HF170 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



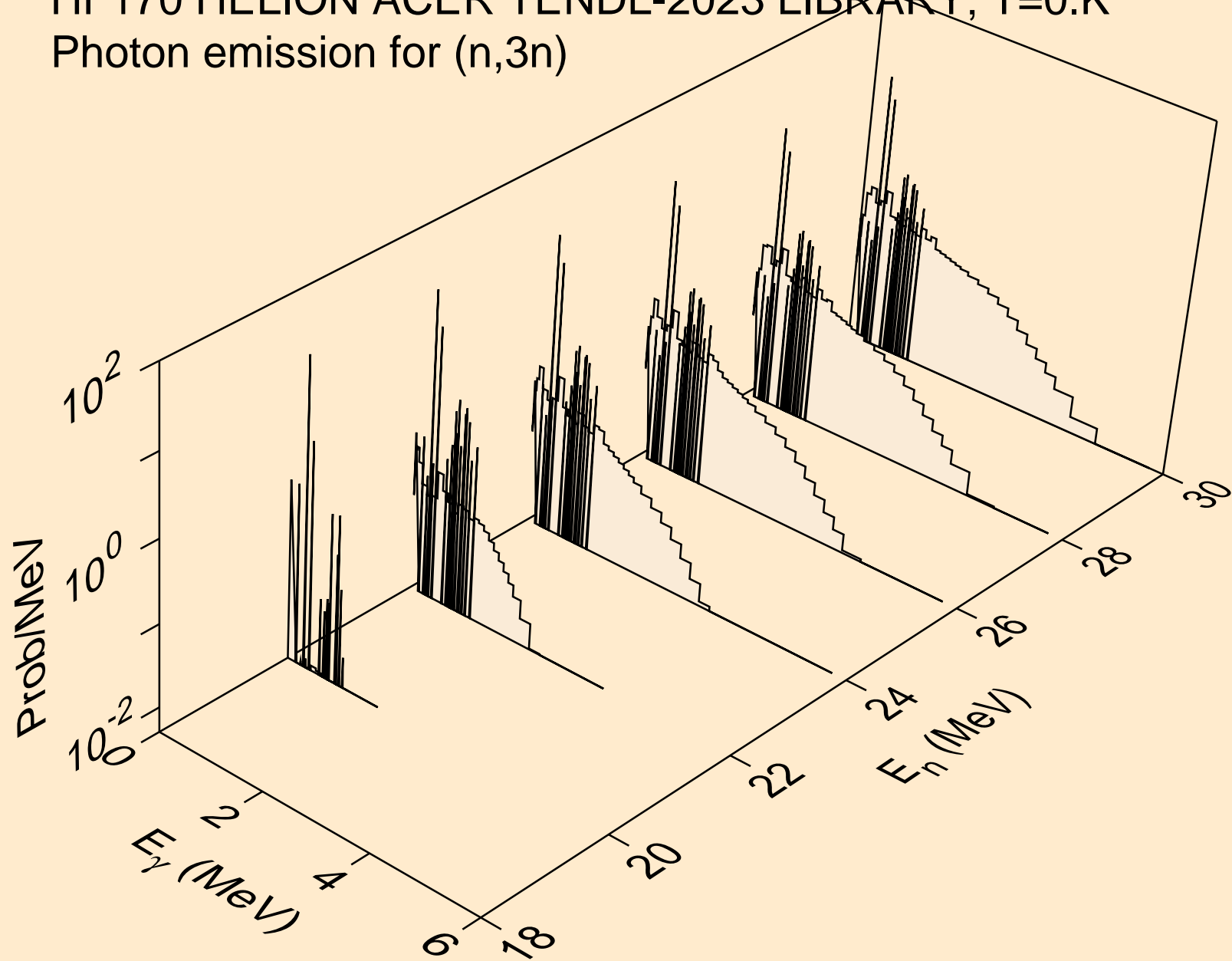
HF170 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



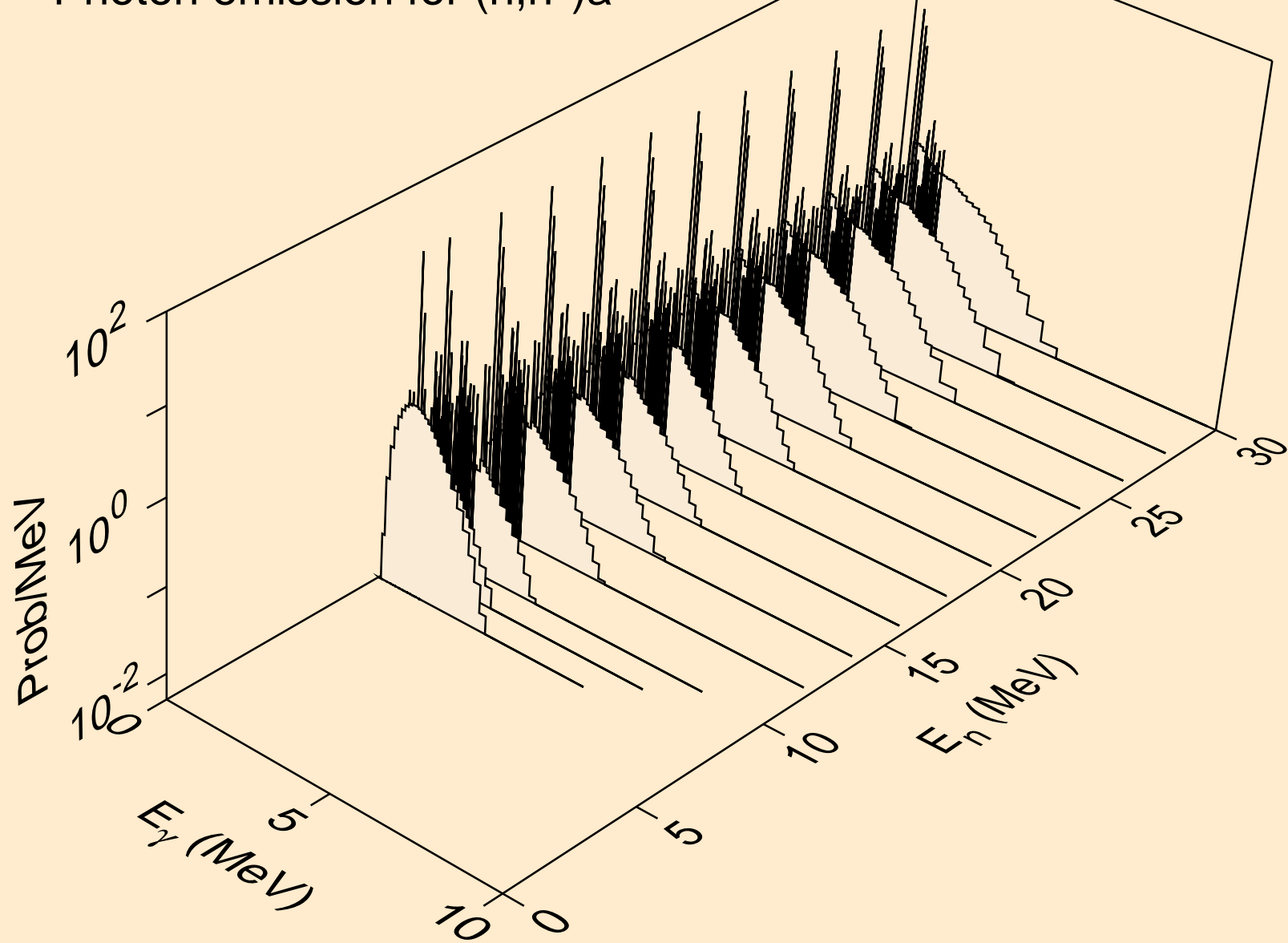
HF170 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



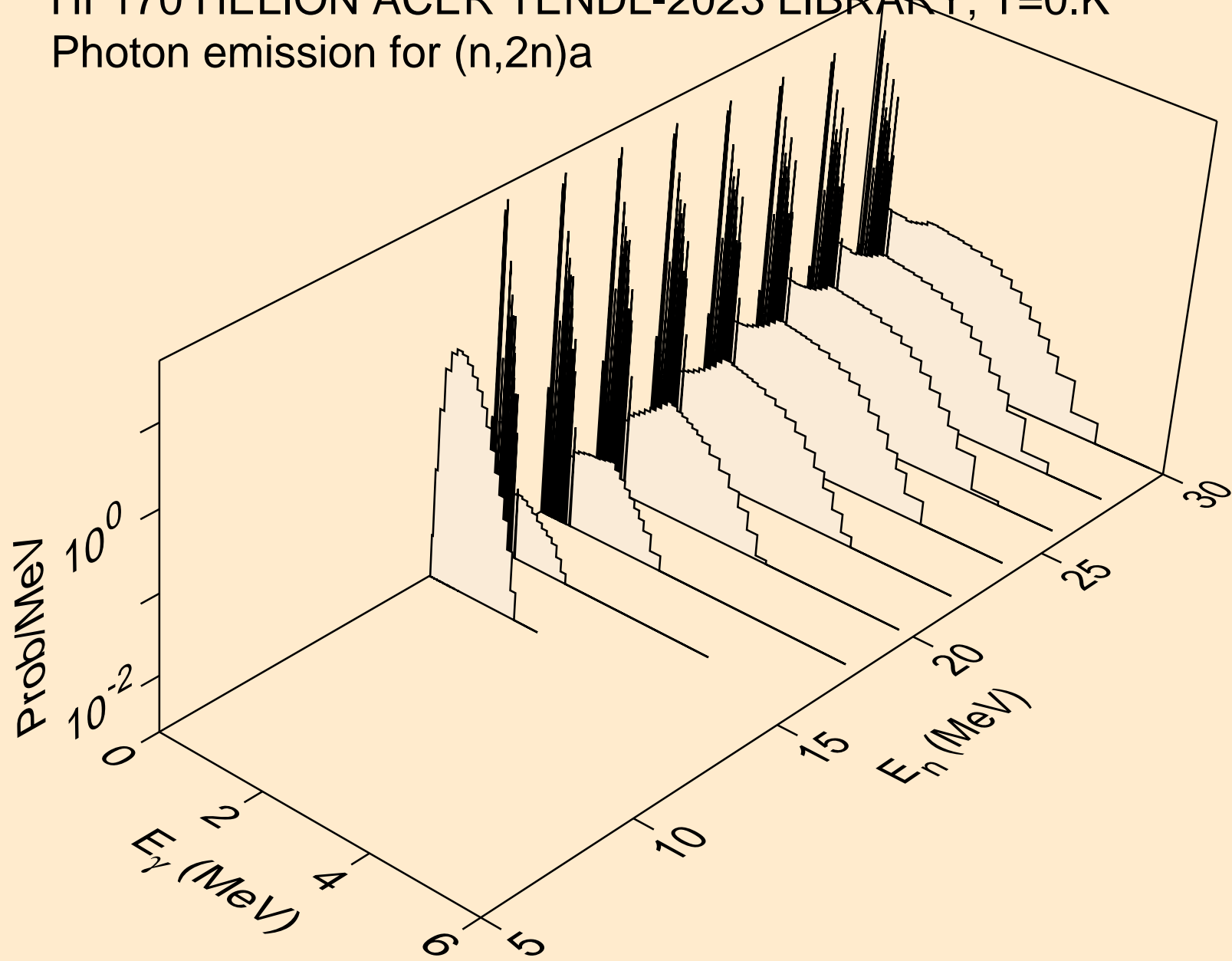
HF170 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



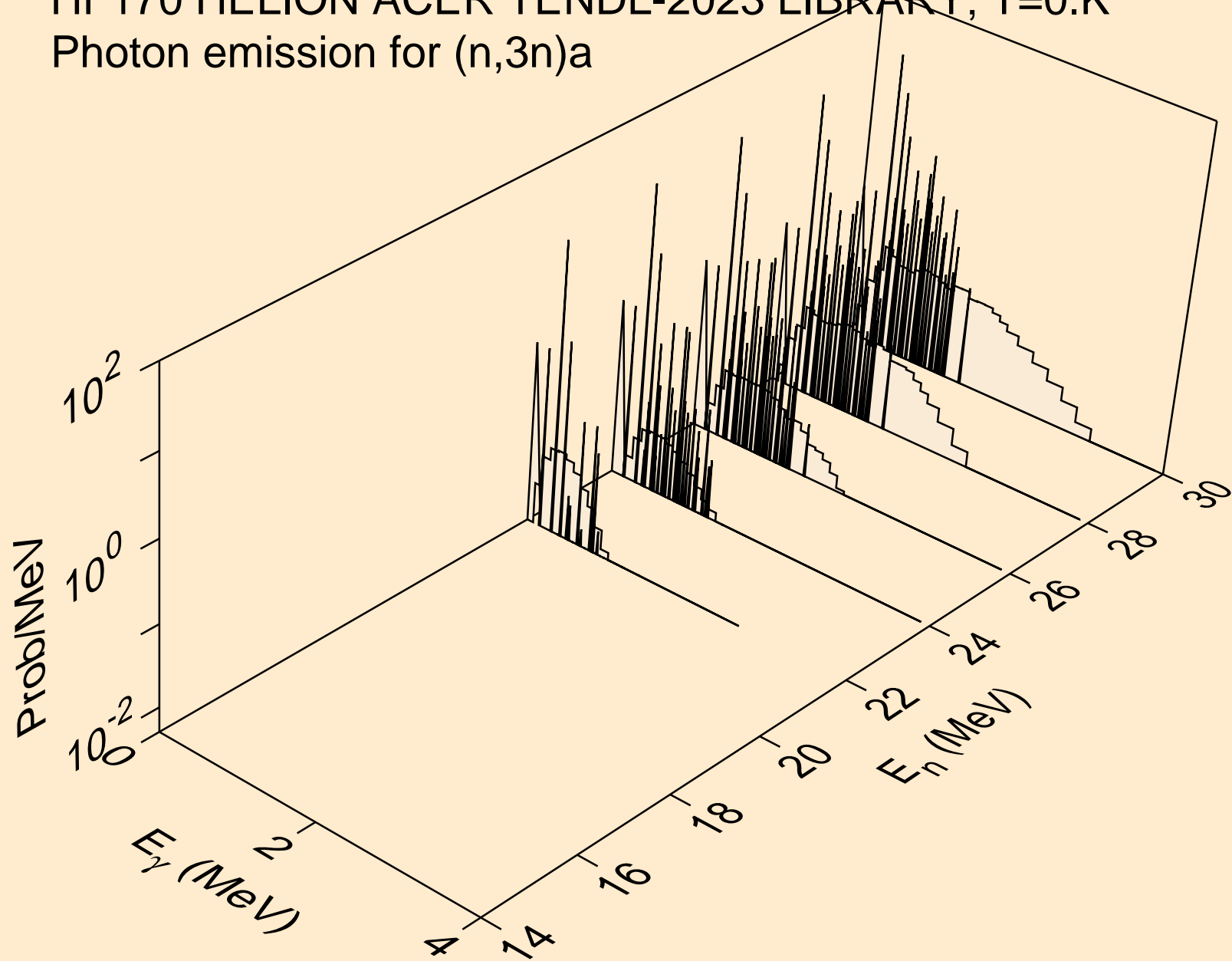
HF170 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



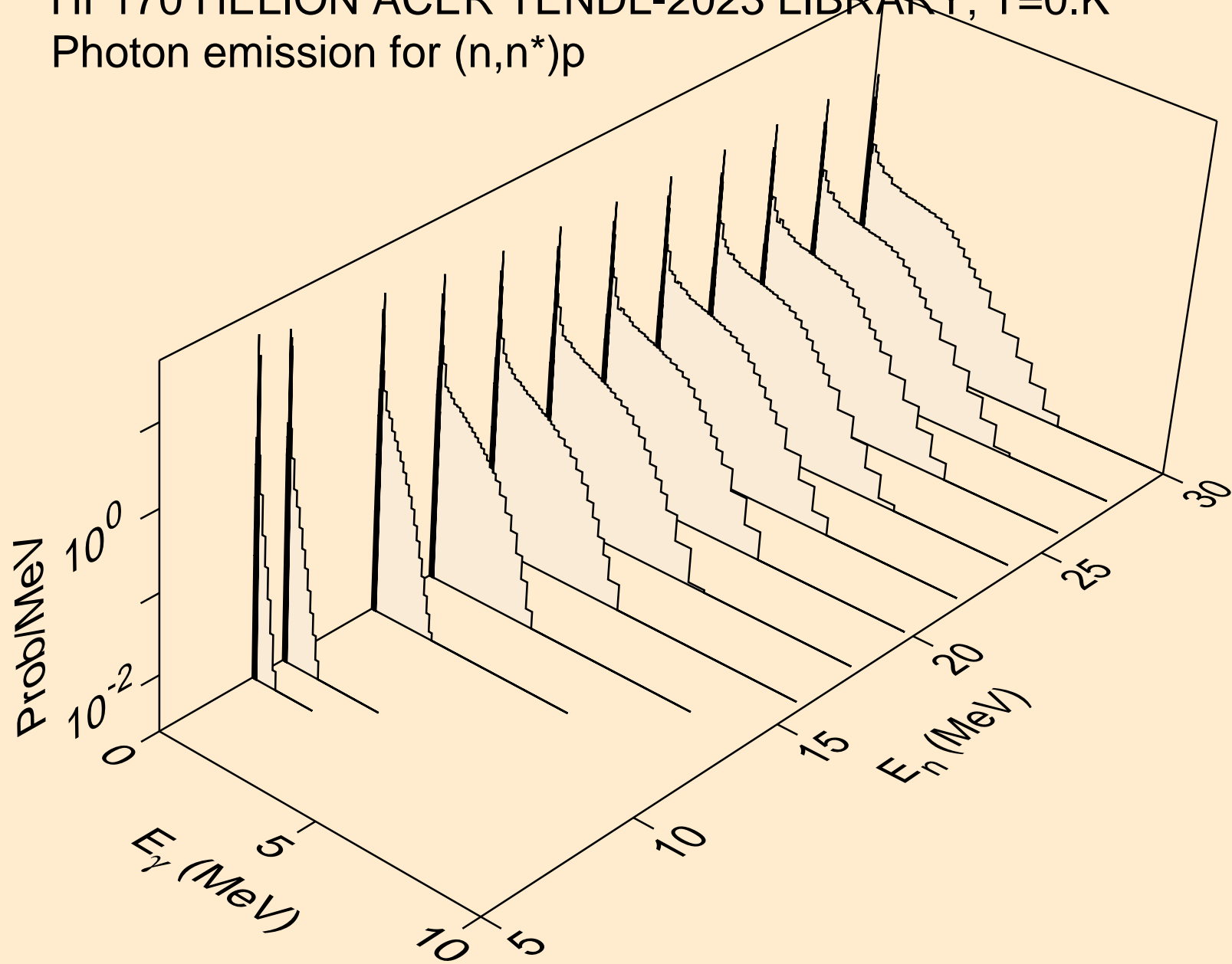
HF170 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



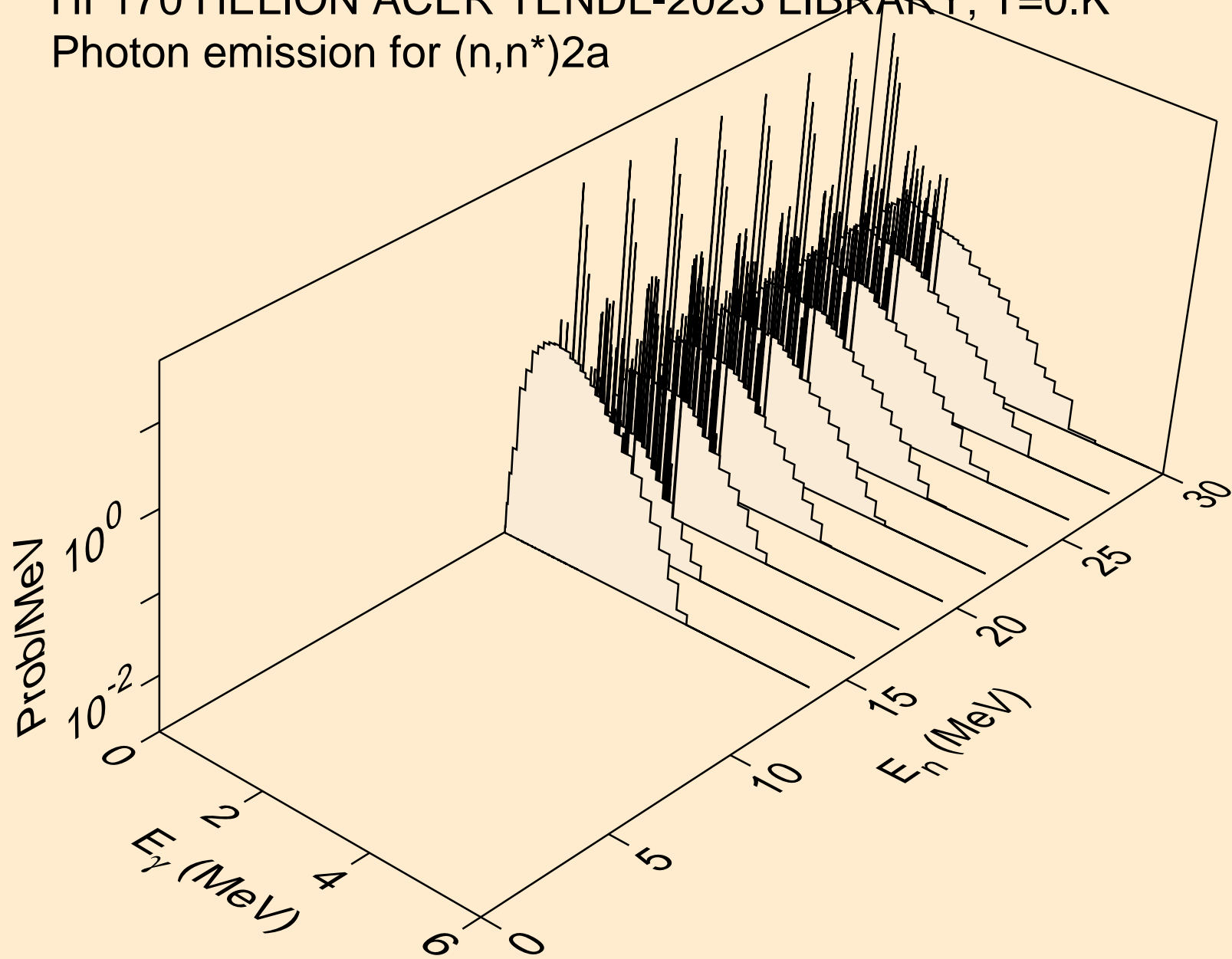
HF170 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



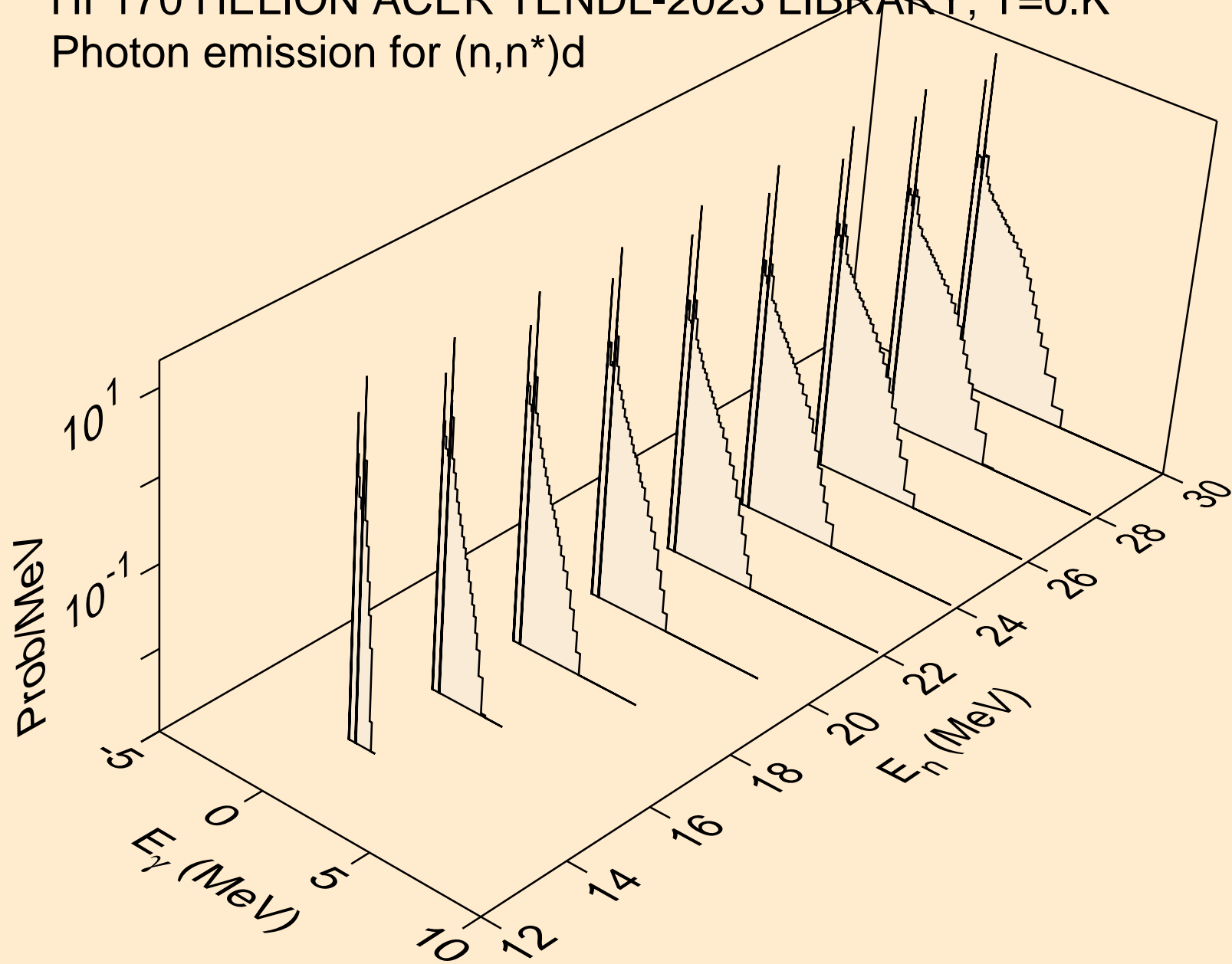
HF170 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



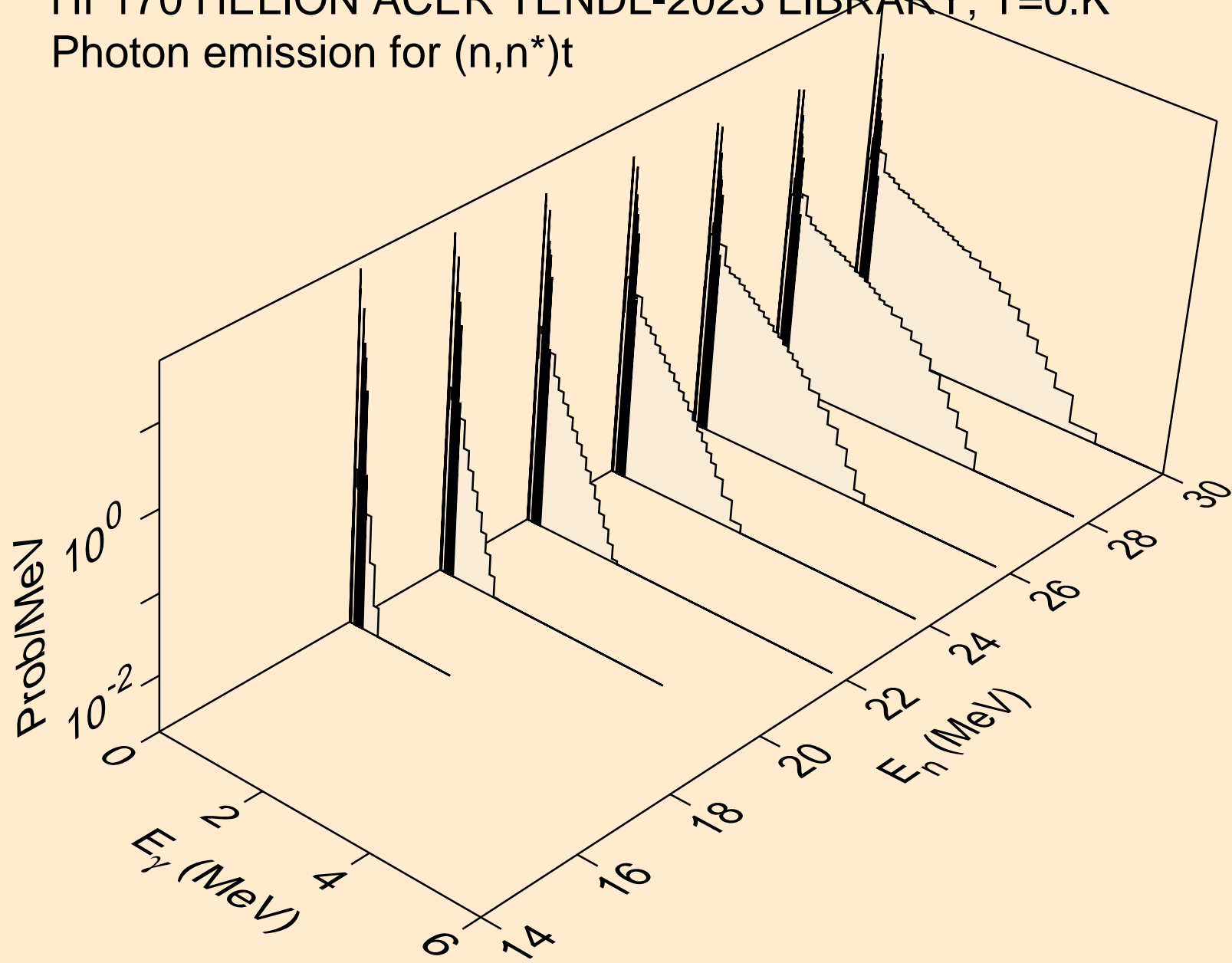
HF170 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



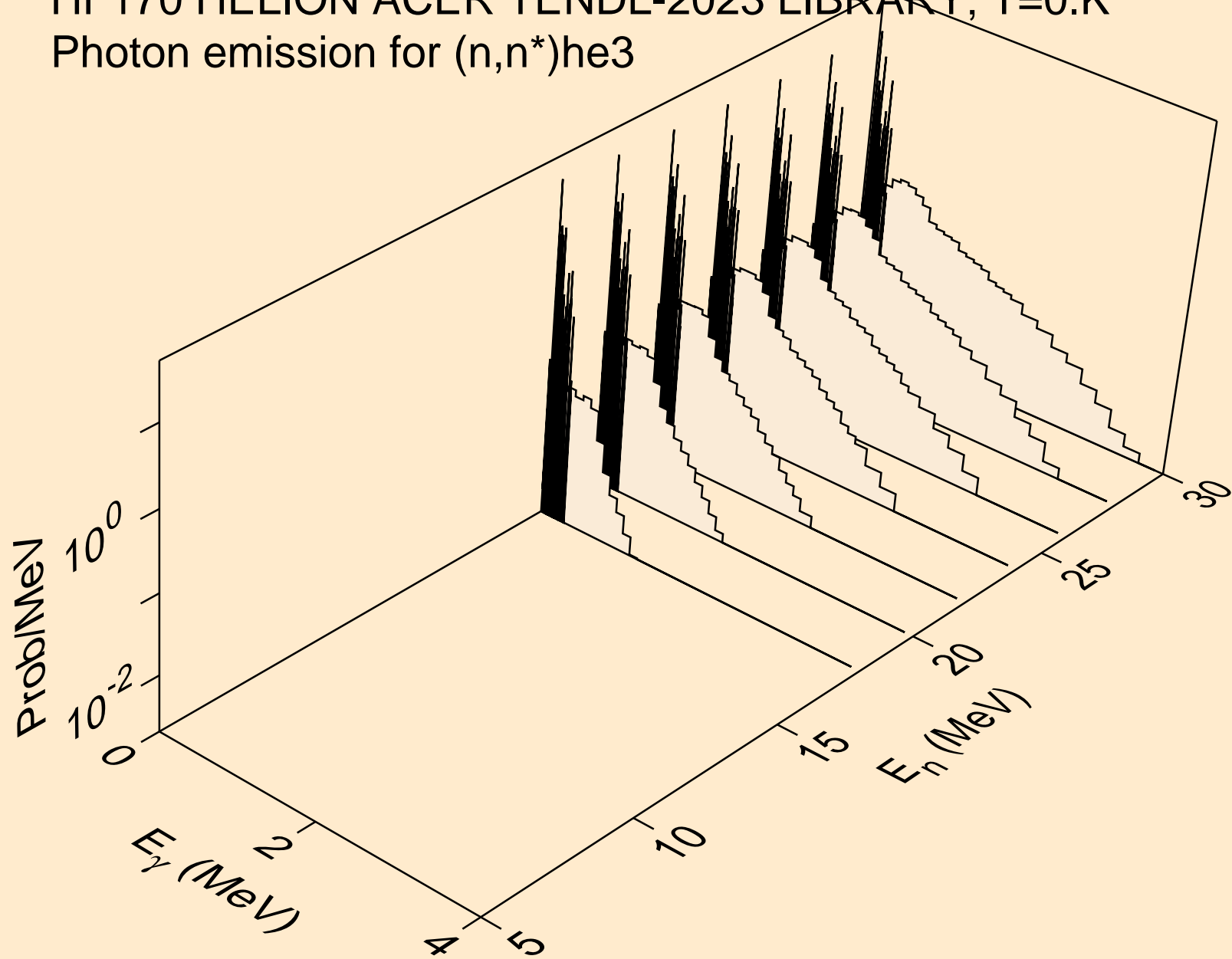
HF170 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



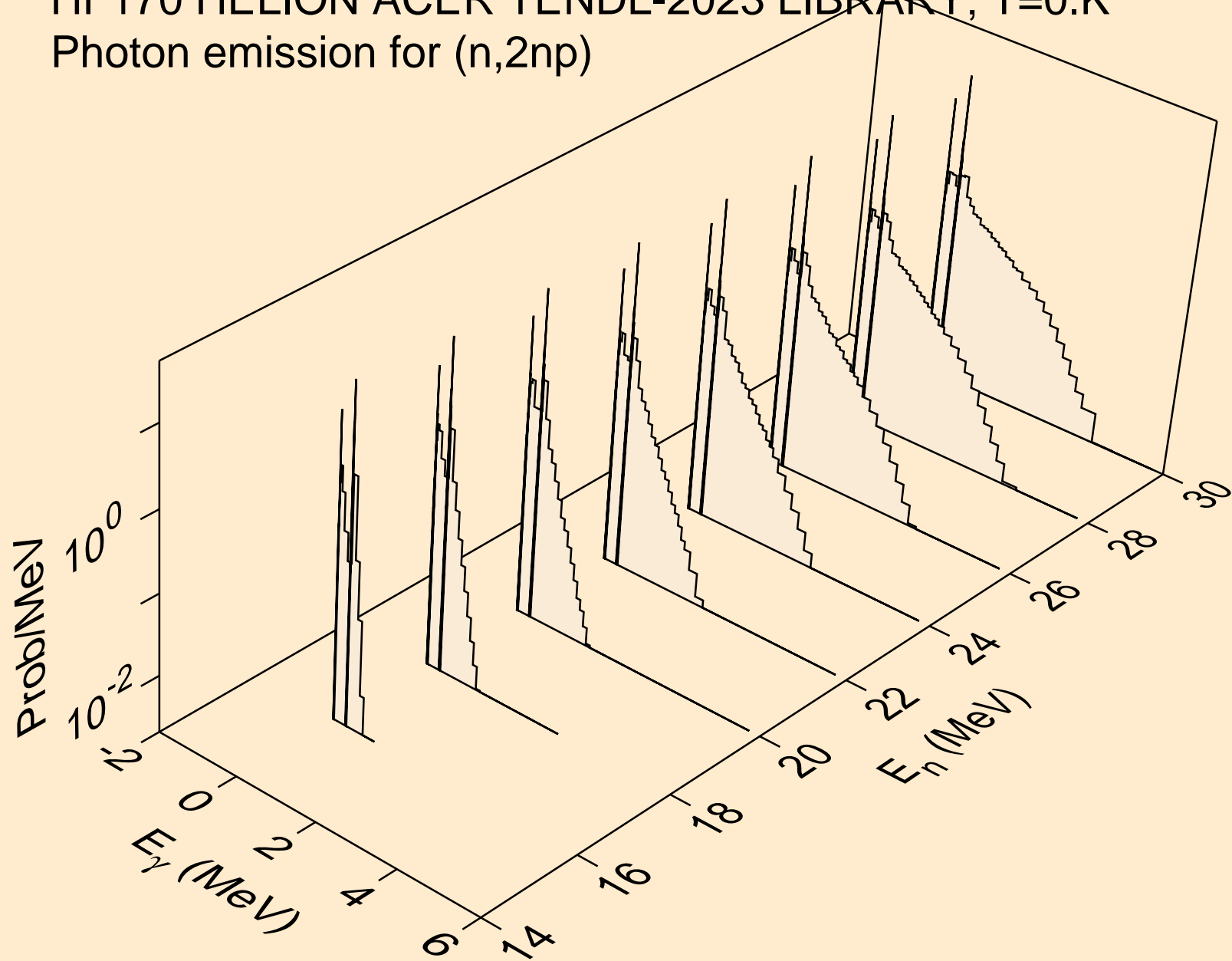
HF170 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



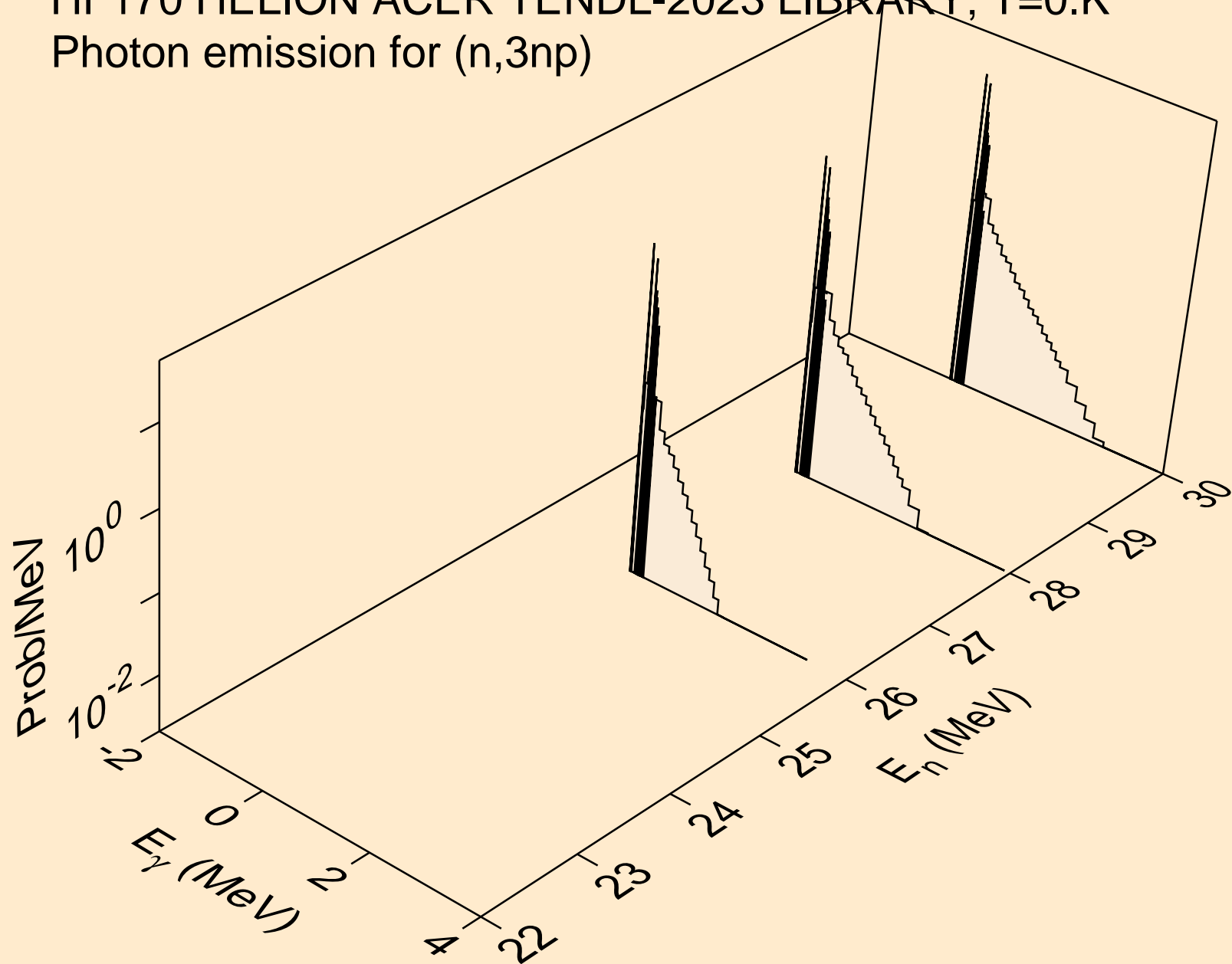
HF170 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



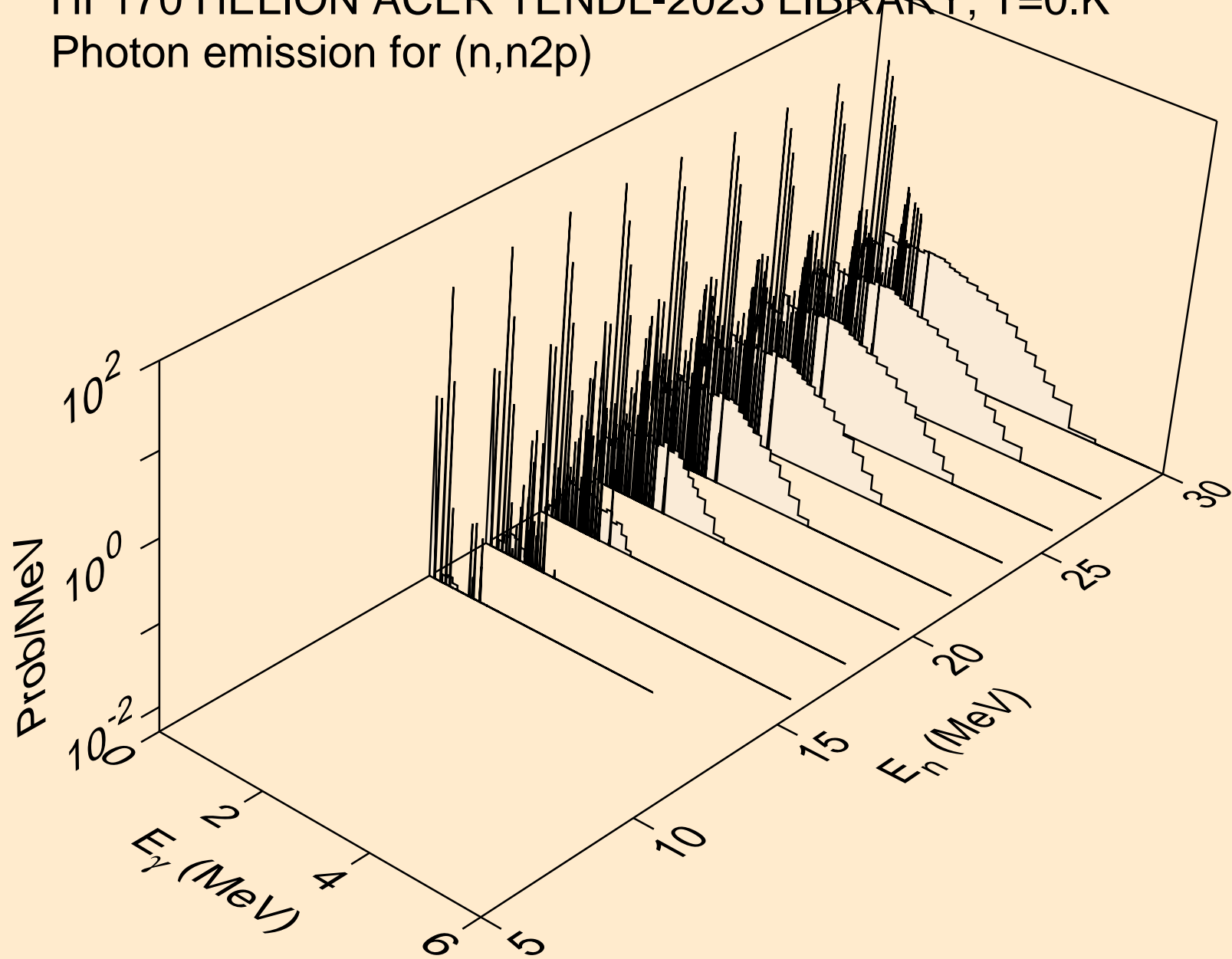
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Photon emission for (n,2np)



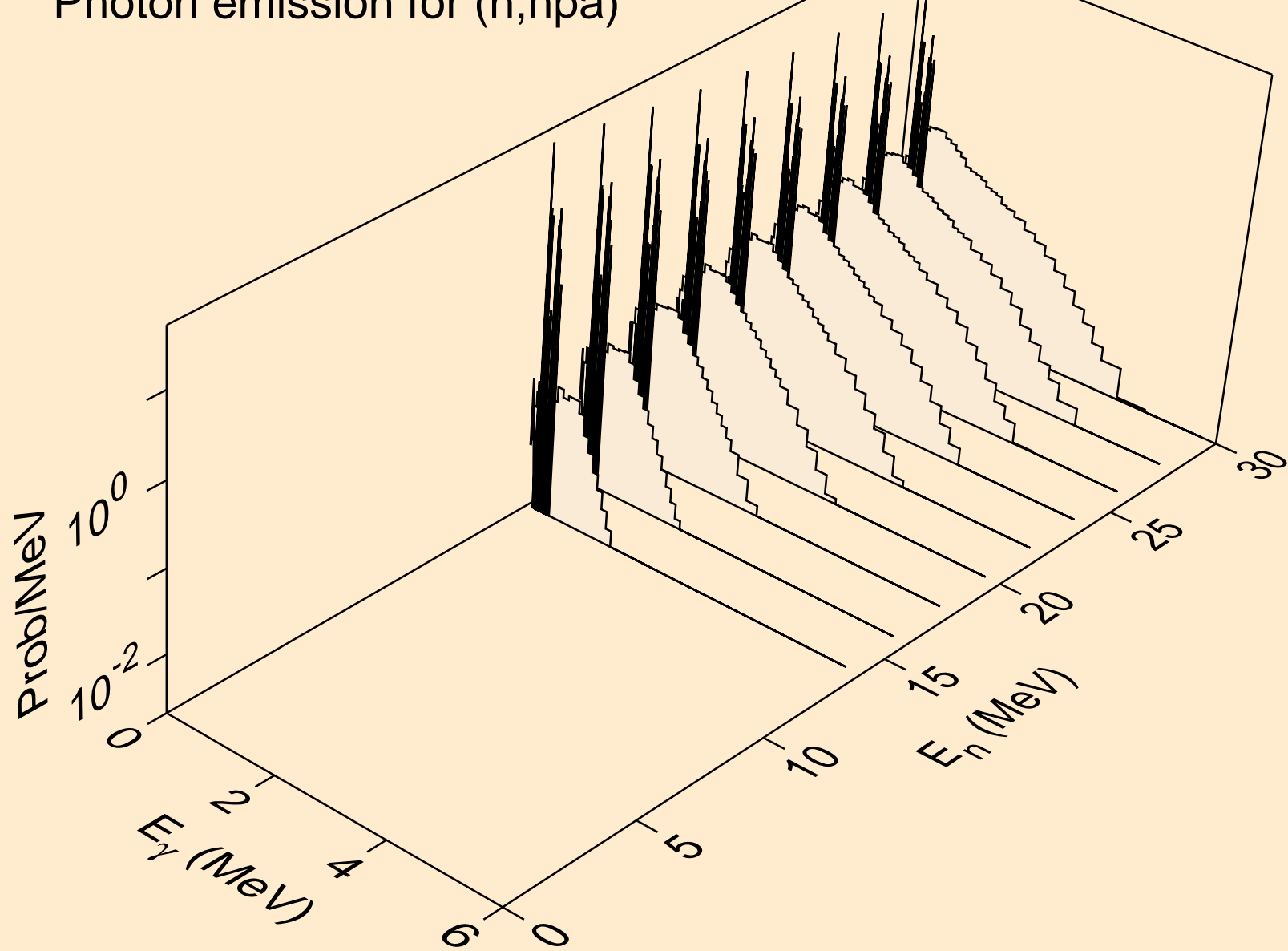
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Photon emission for (n,3np)



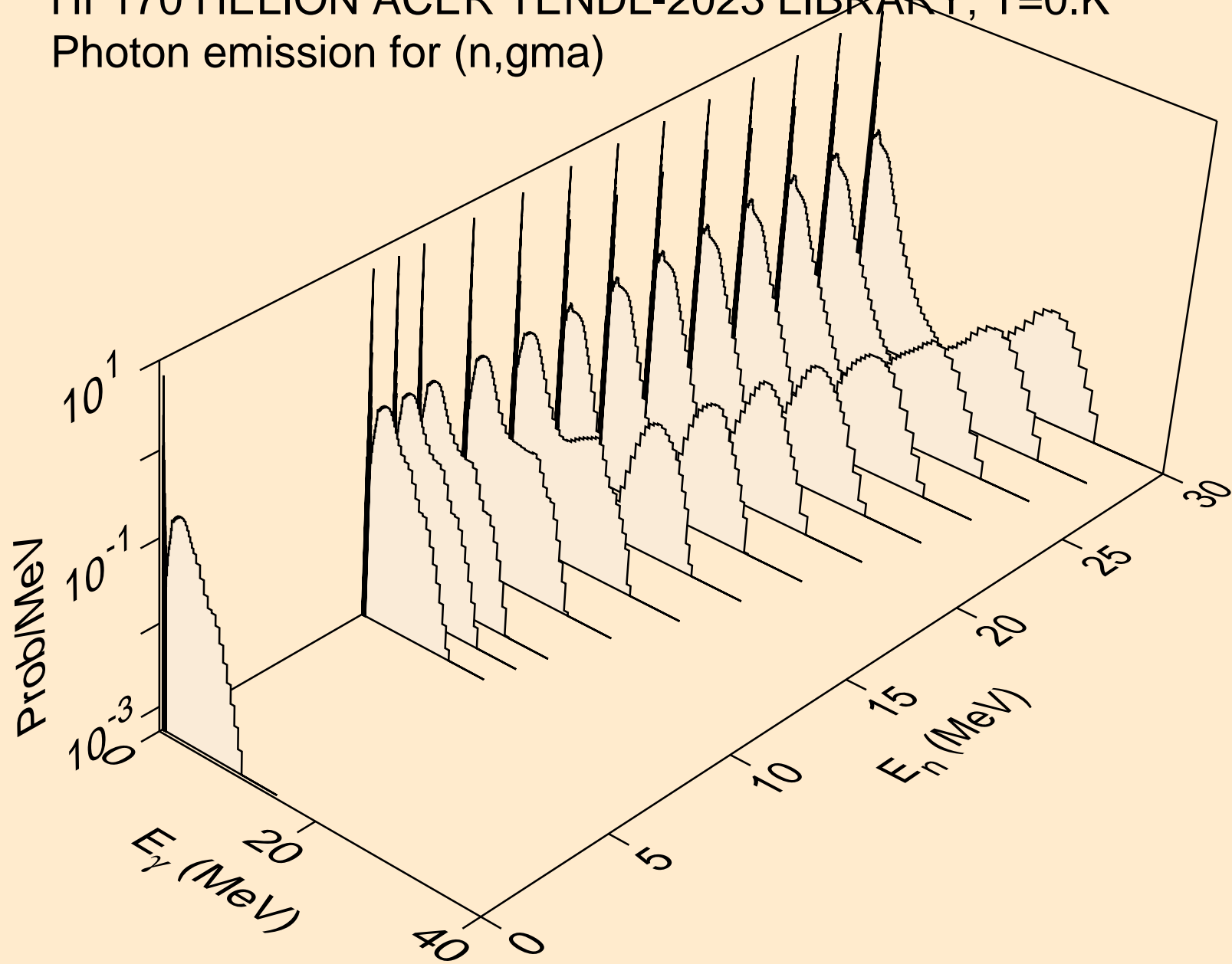
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Photon emission for (n,n2p)



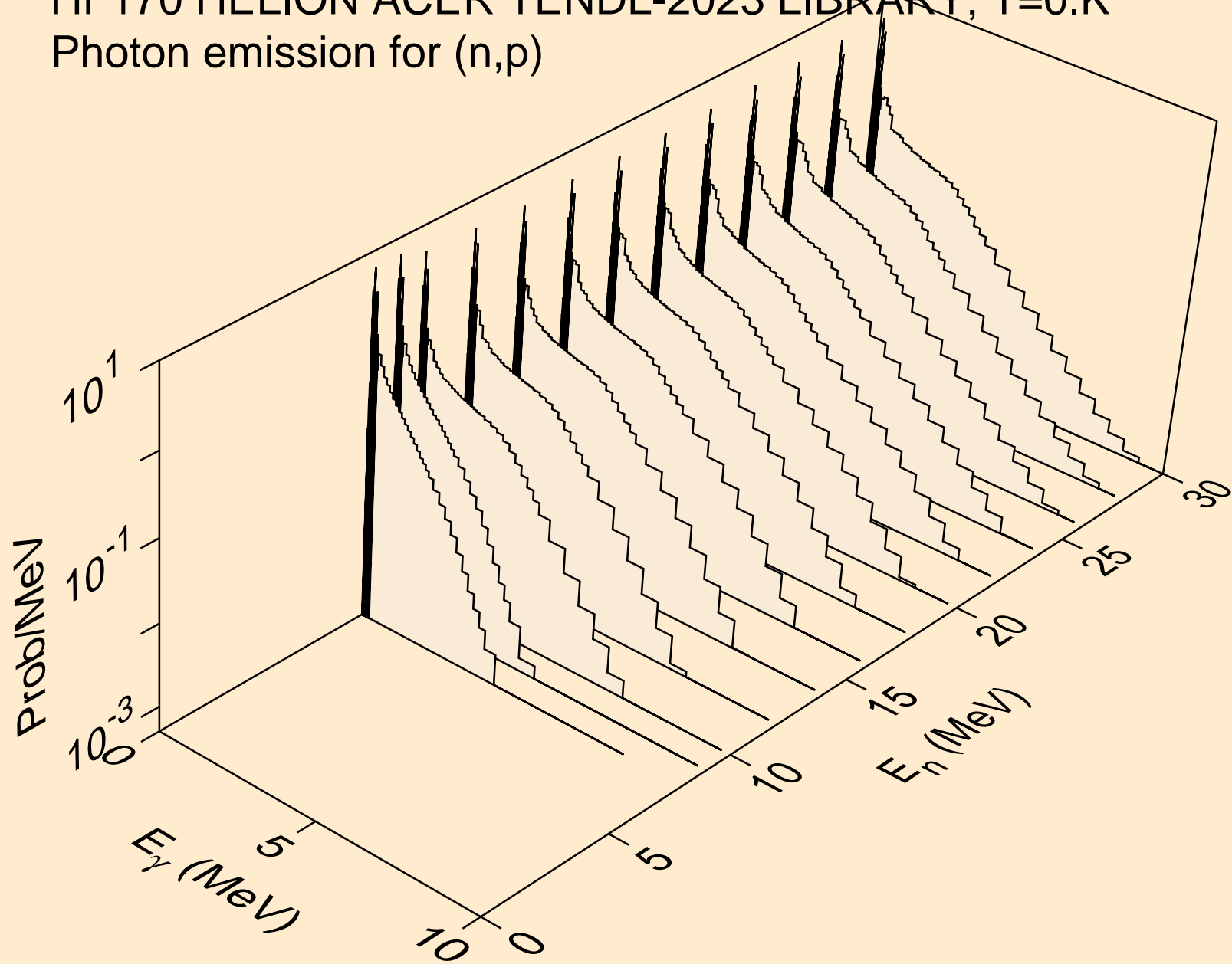
HF170 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



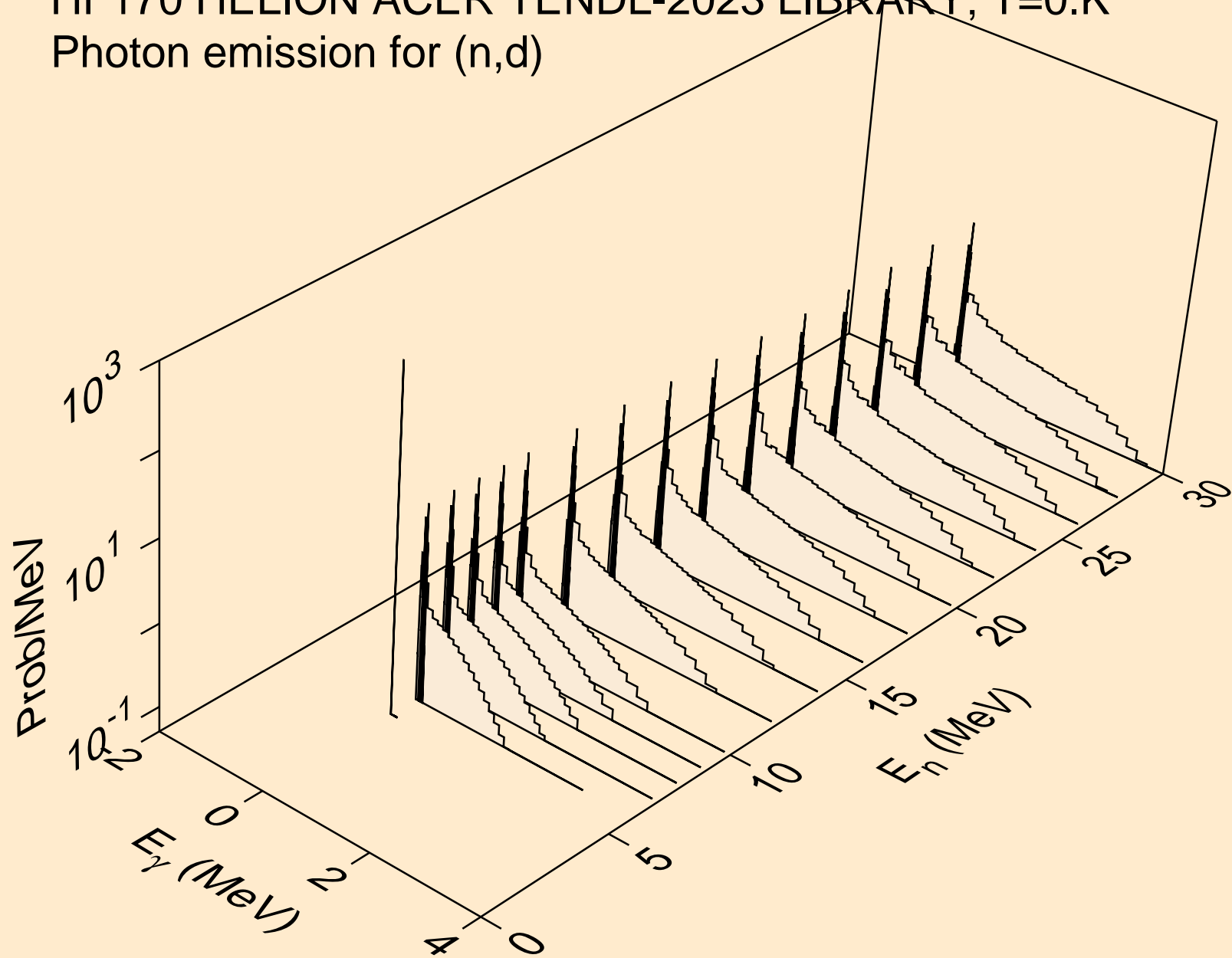
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Photon emission for (n,gma)



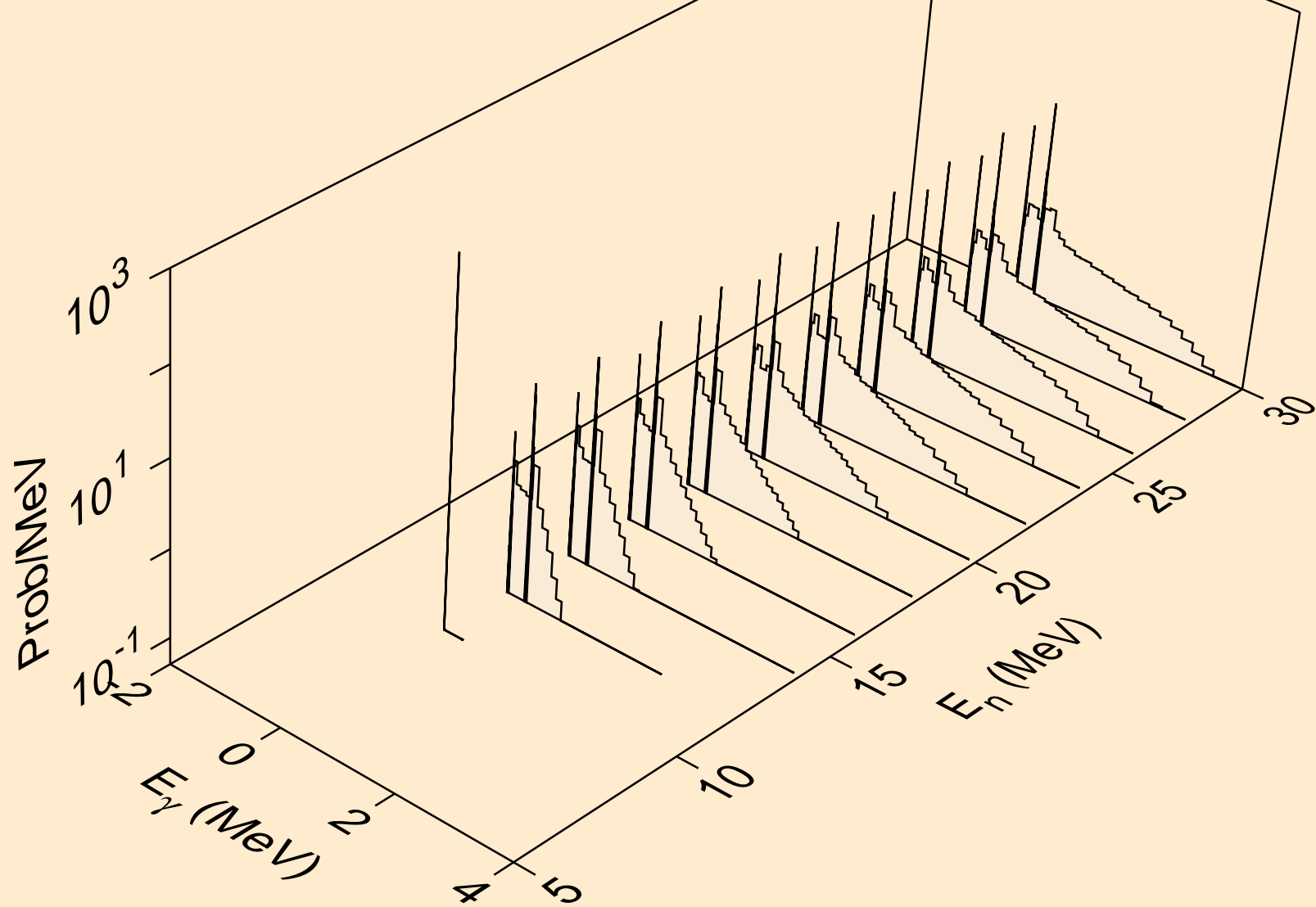
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Photon emission for (n,p)



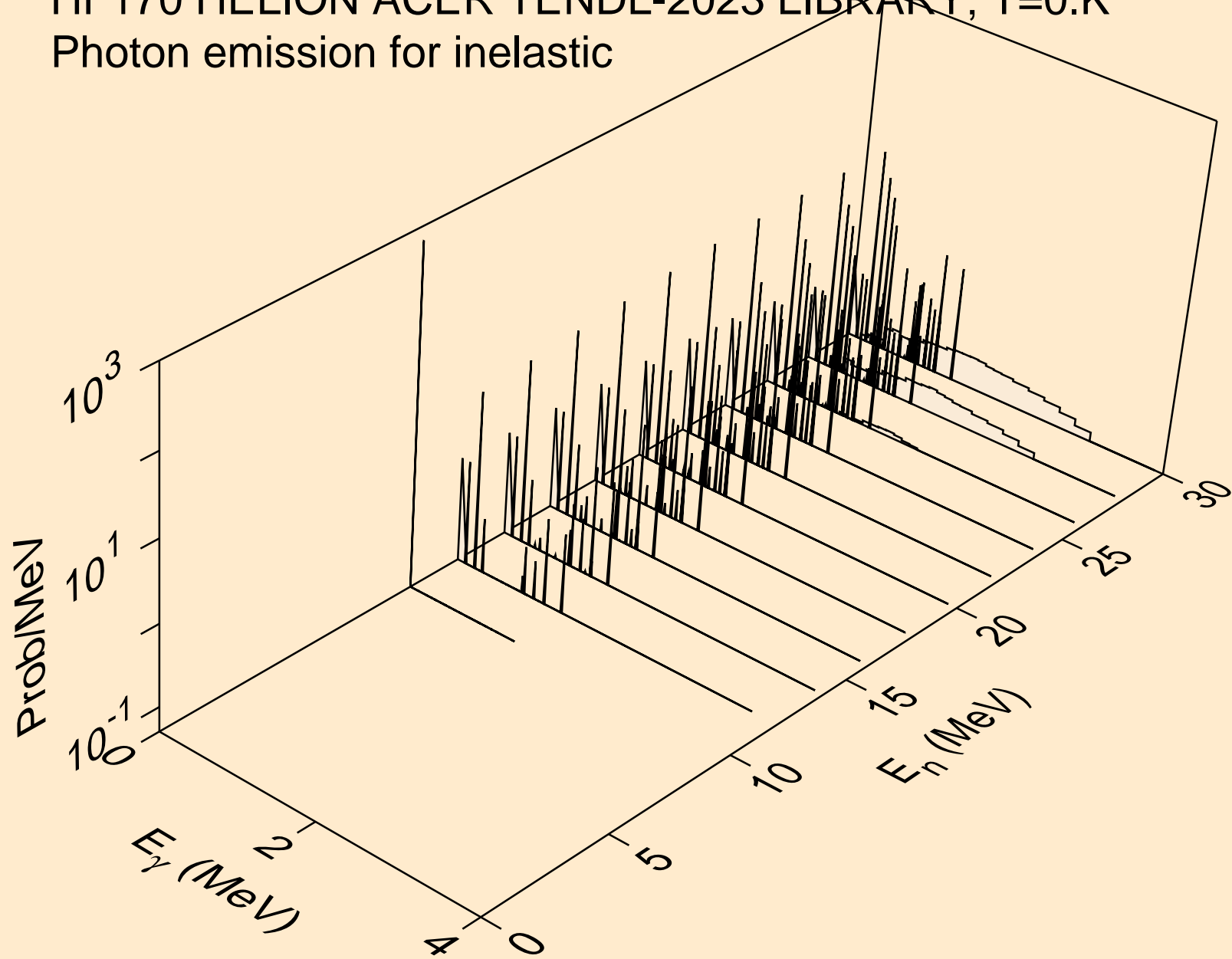
HF170 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



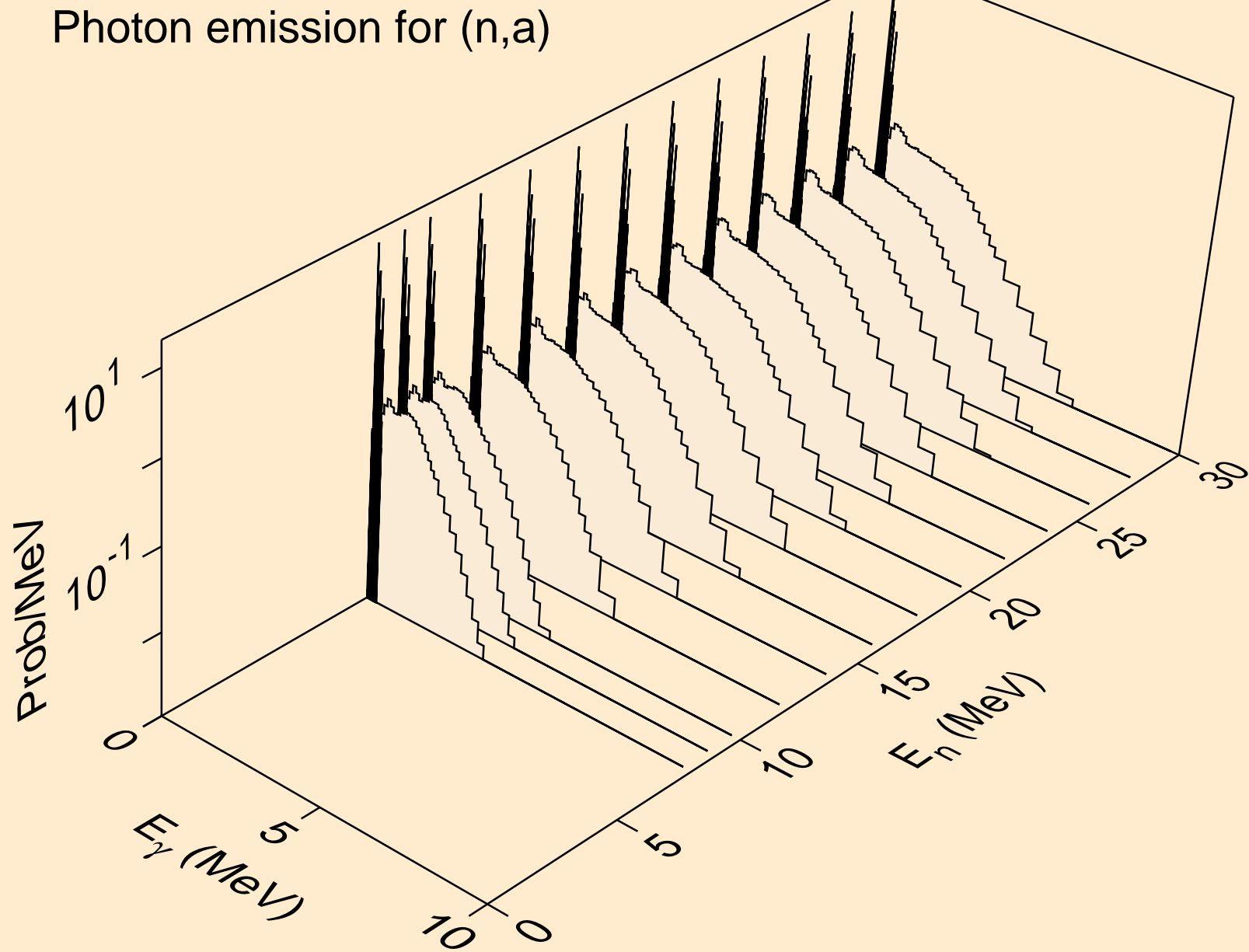
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Photon emission for (n,t)



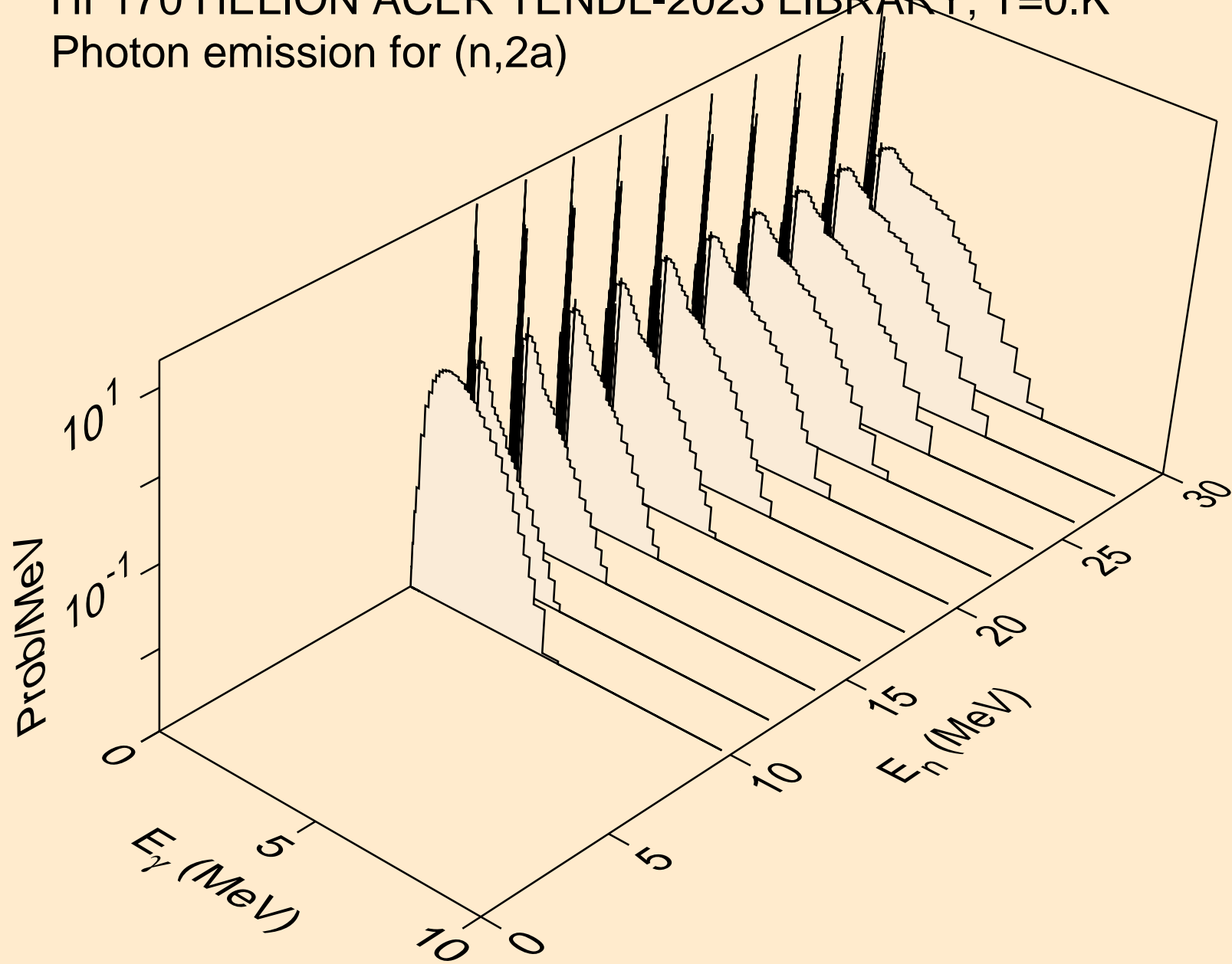
HF170 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



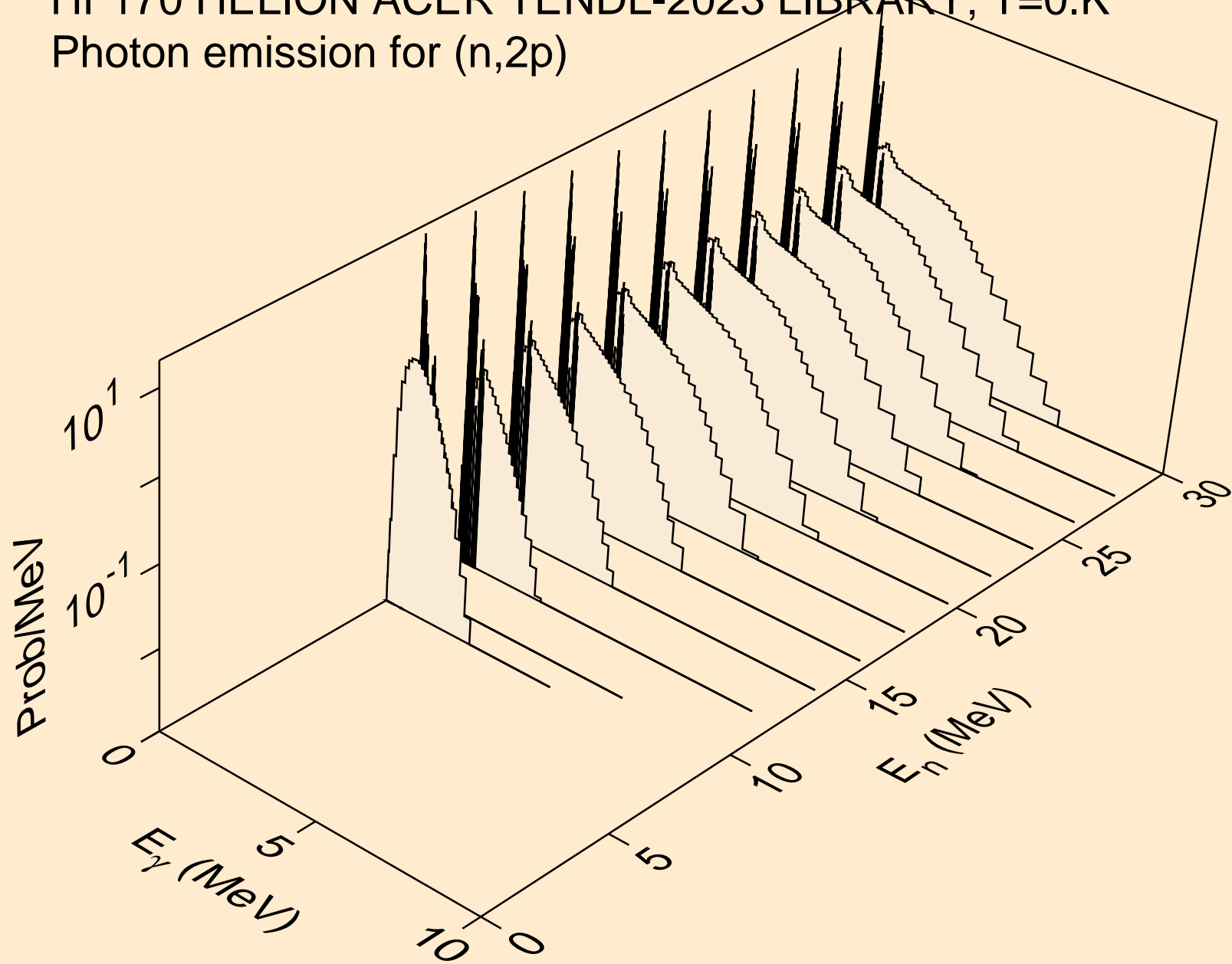
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Photon emission for (n,a)



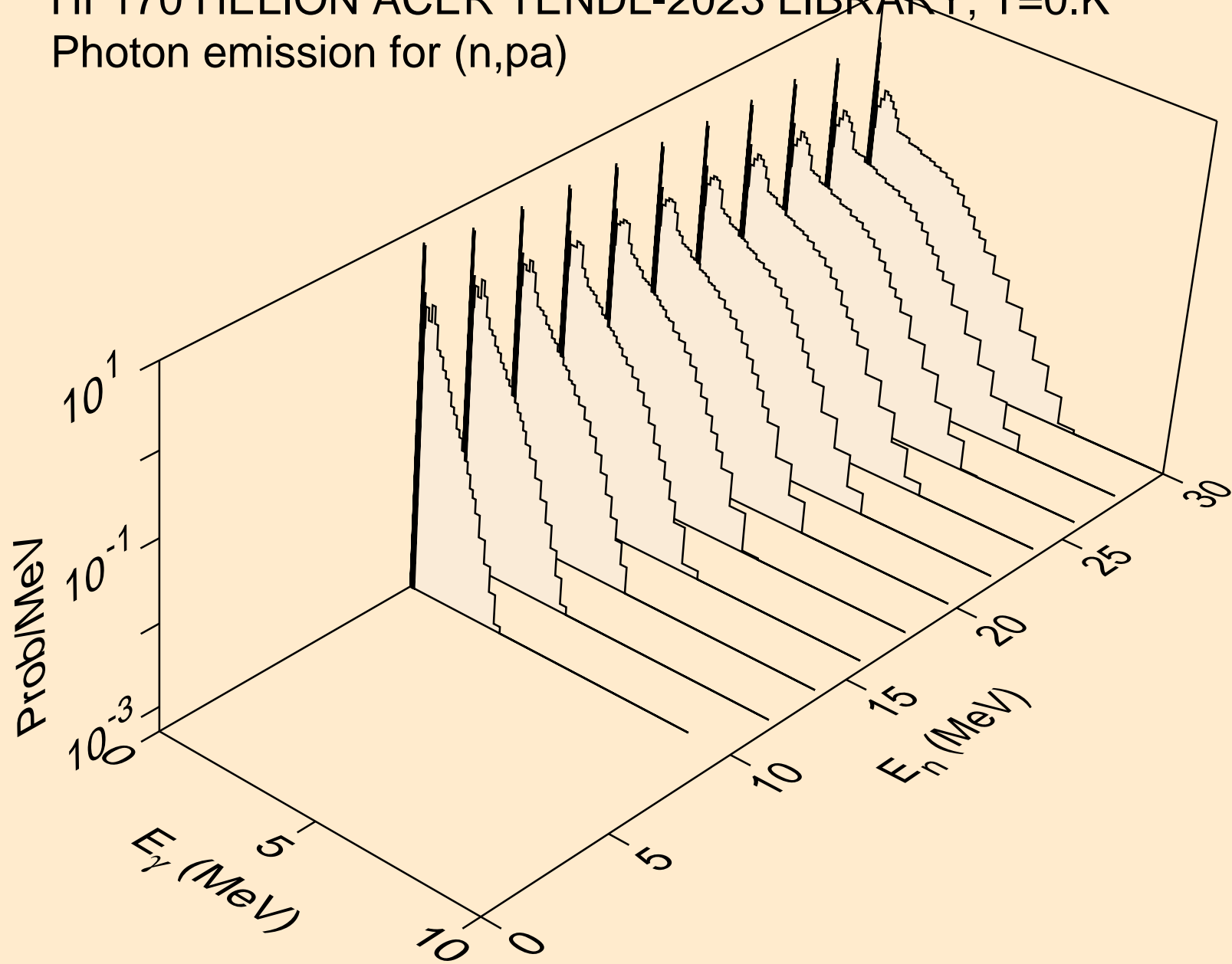
HF170 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



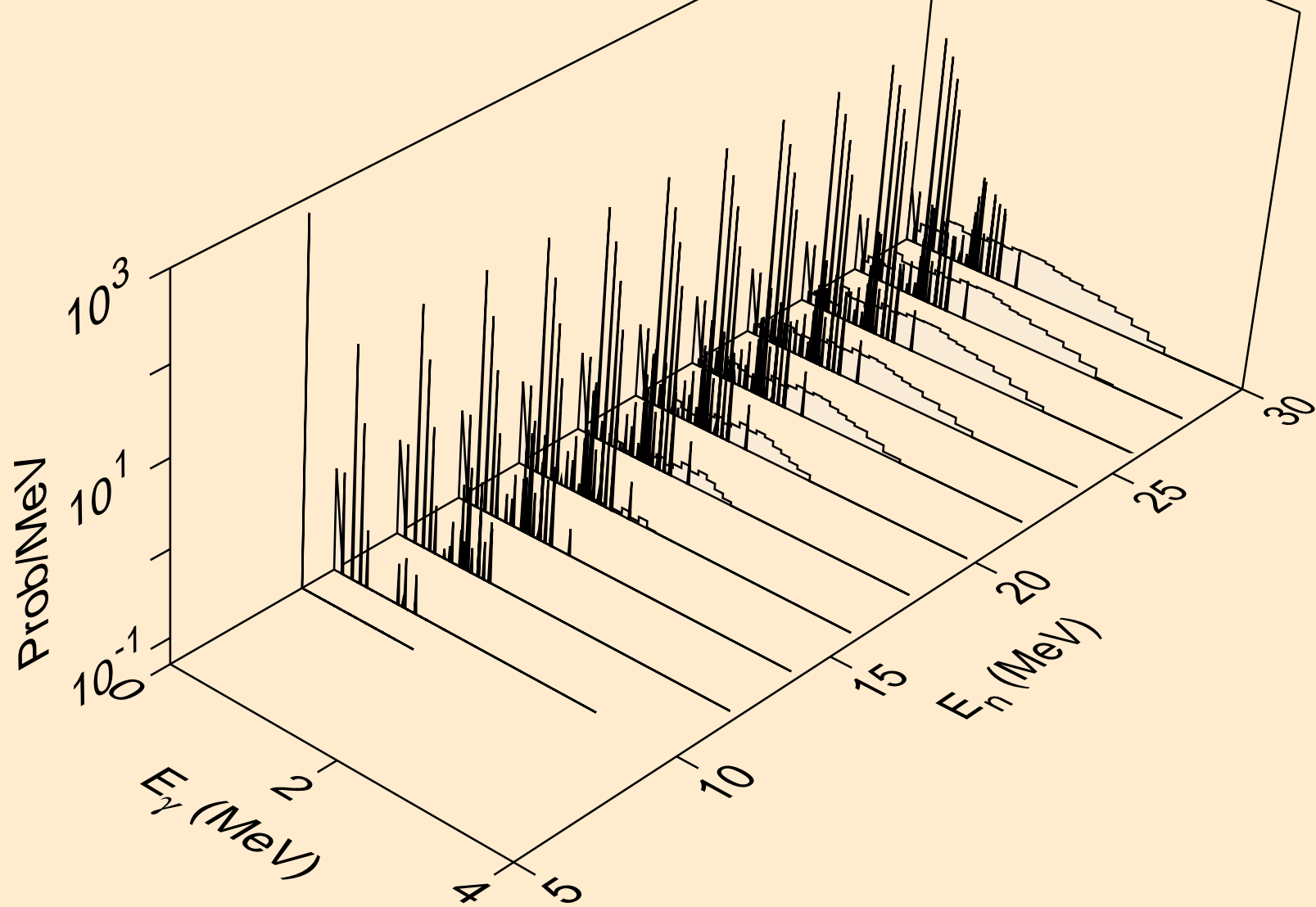
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Photon emission for (n,2p)



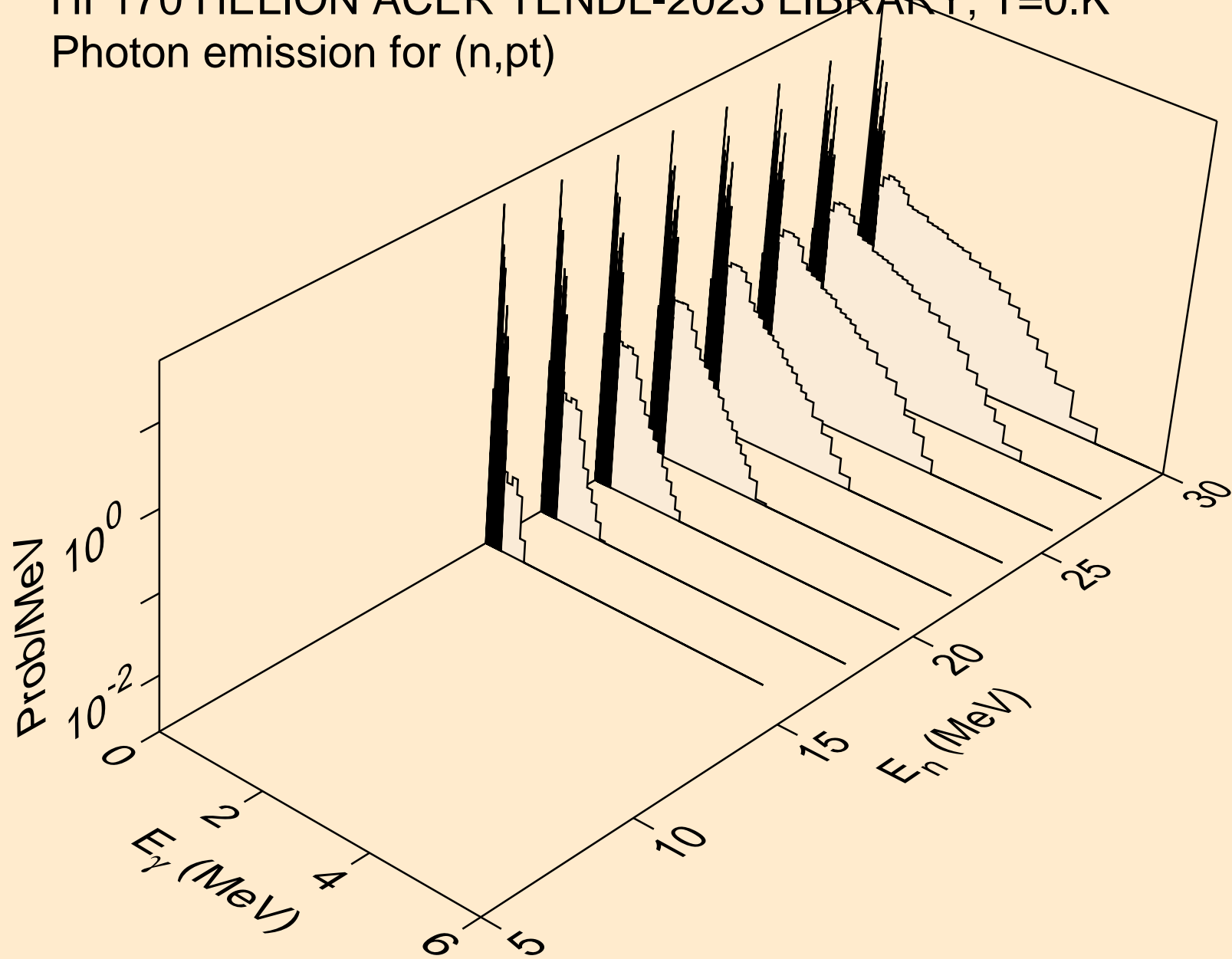
HF170 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



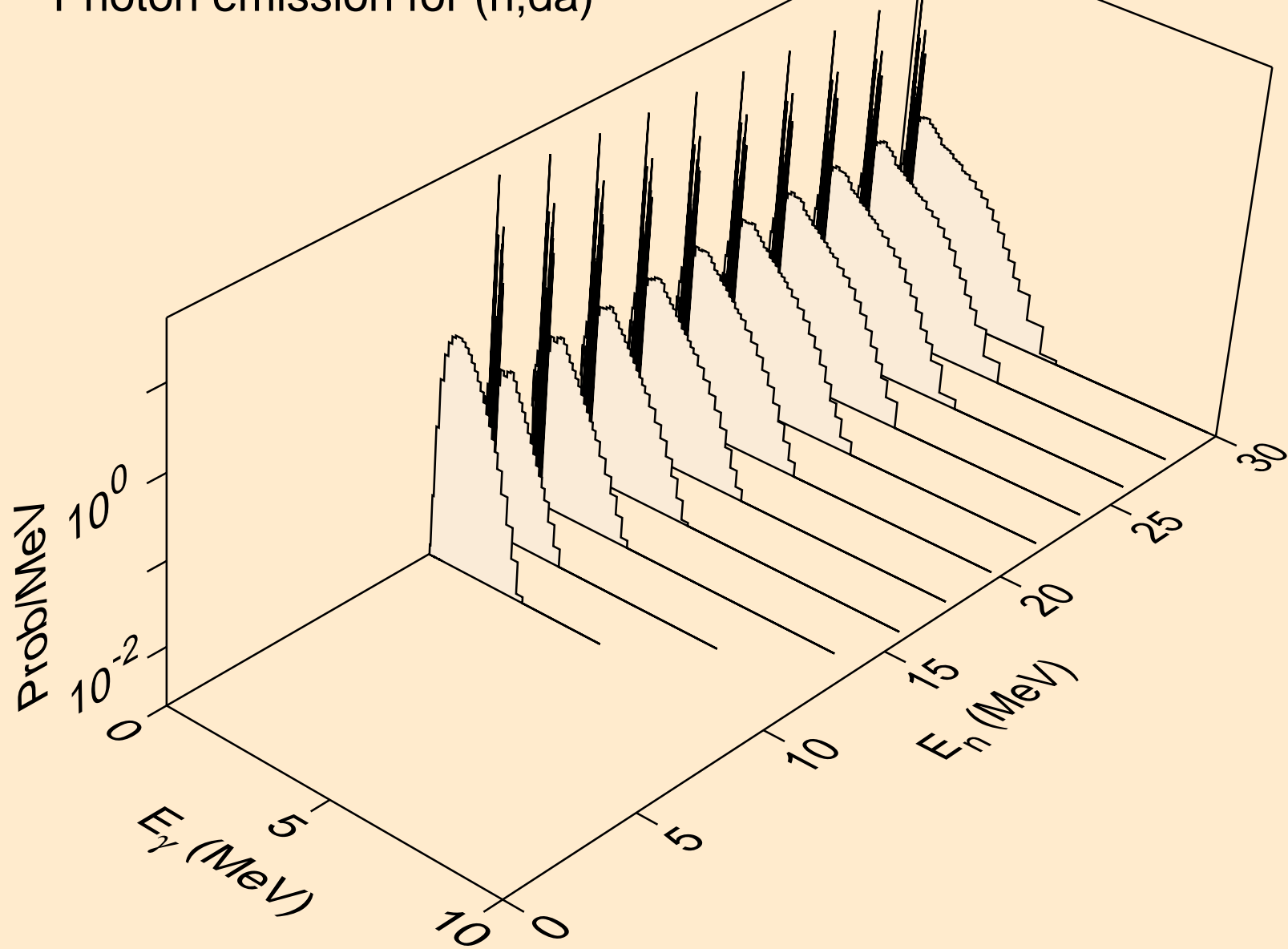
HF170 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



HF170 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)

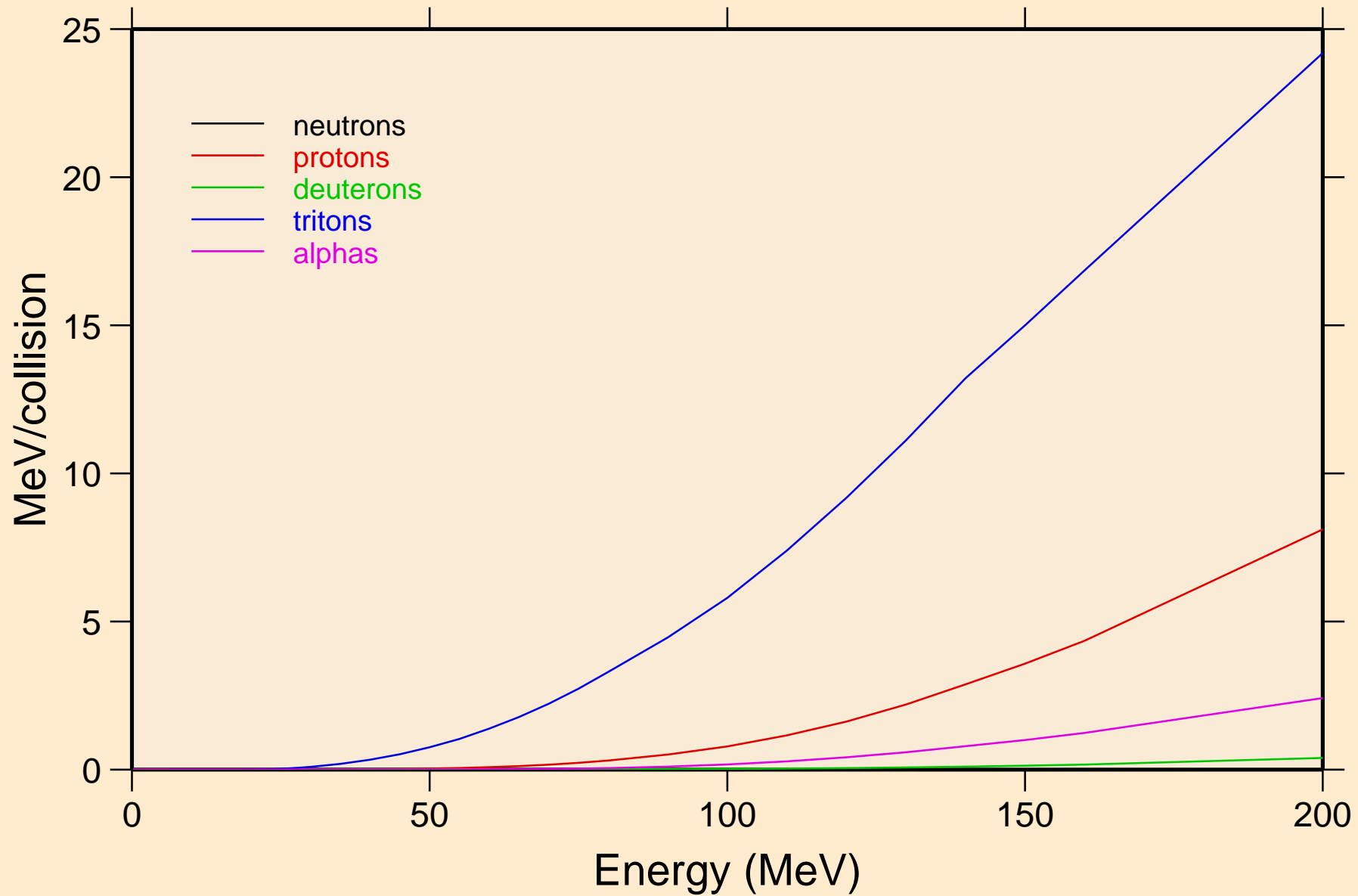


HF170 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)

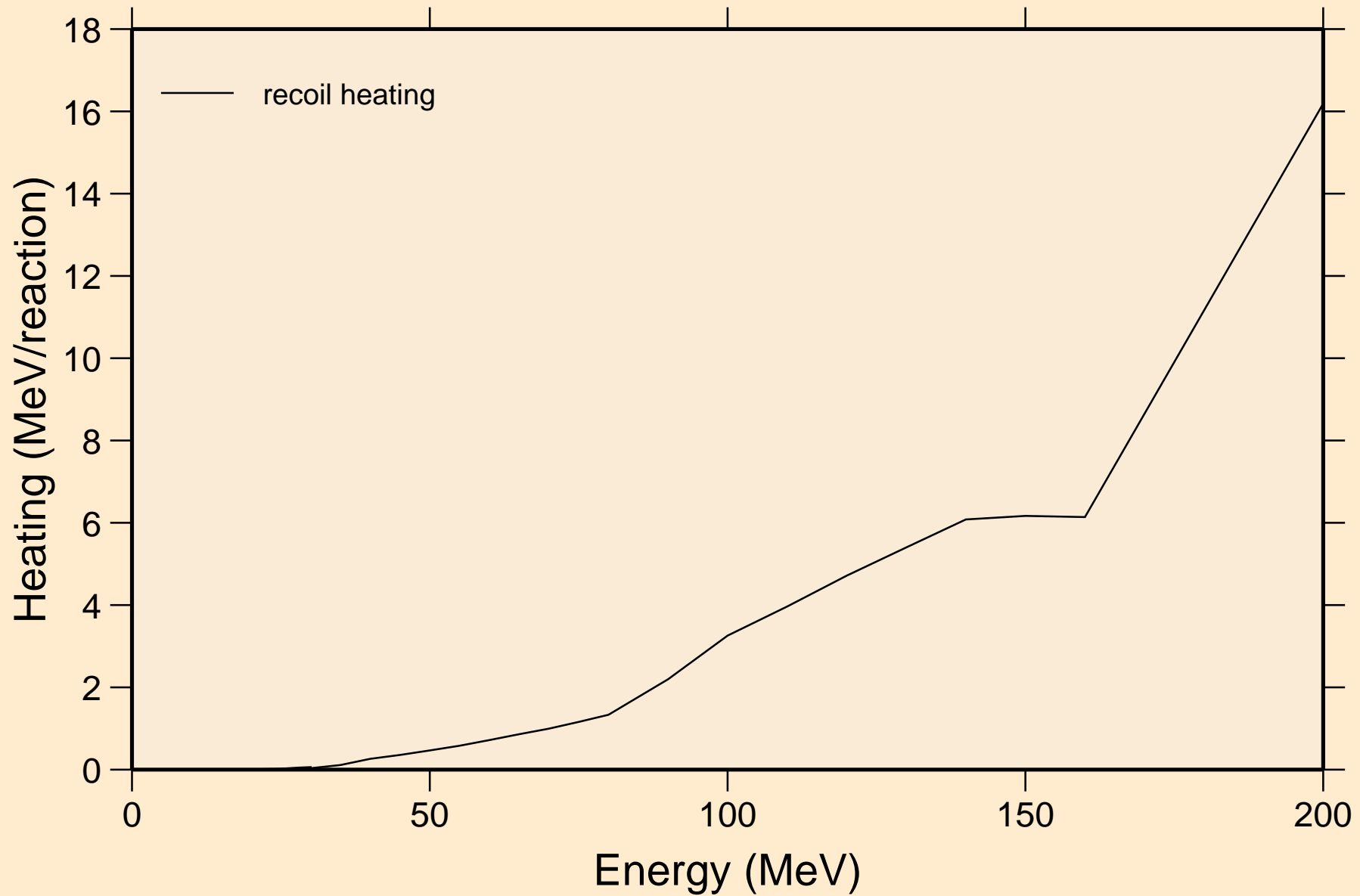


# HF170 HELION ACER TENDL-2023 LIBRARY; T=0.K

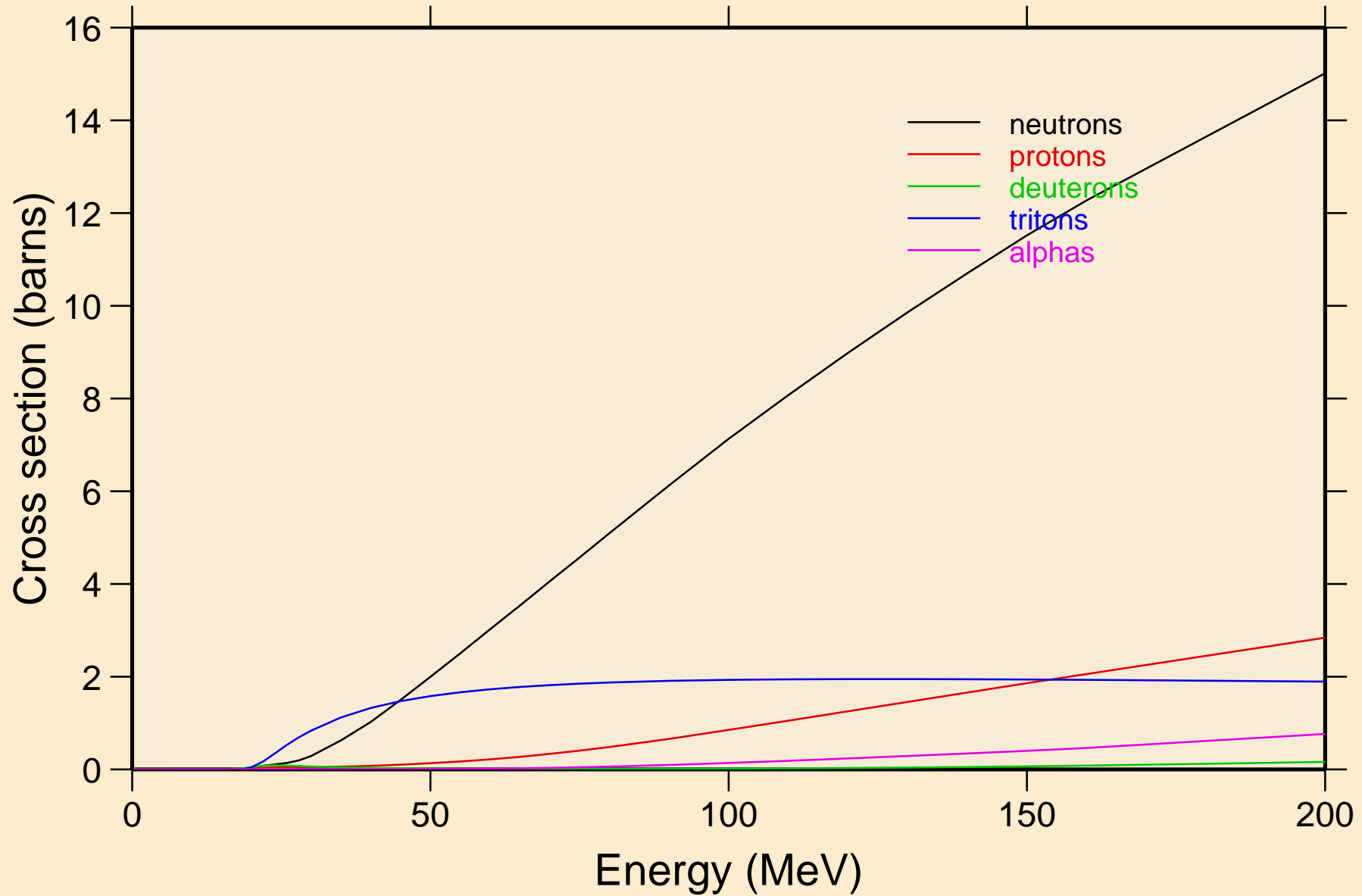
## Particle heating contributions



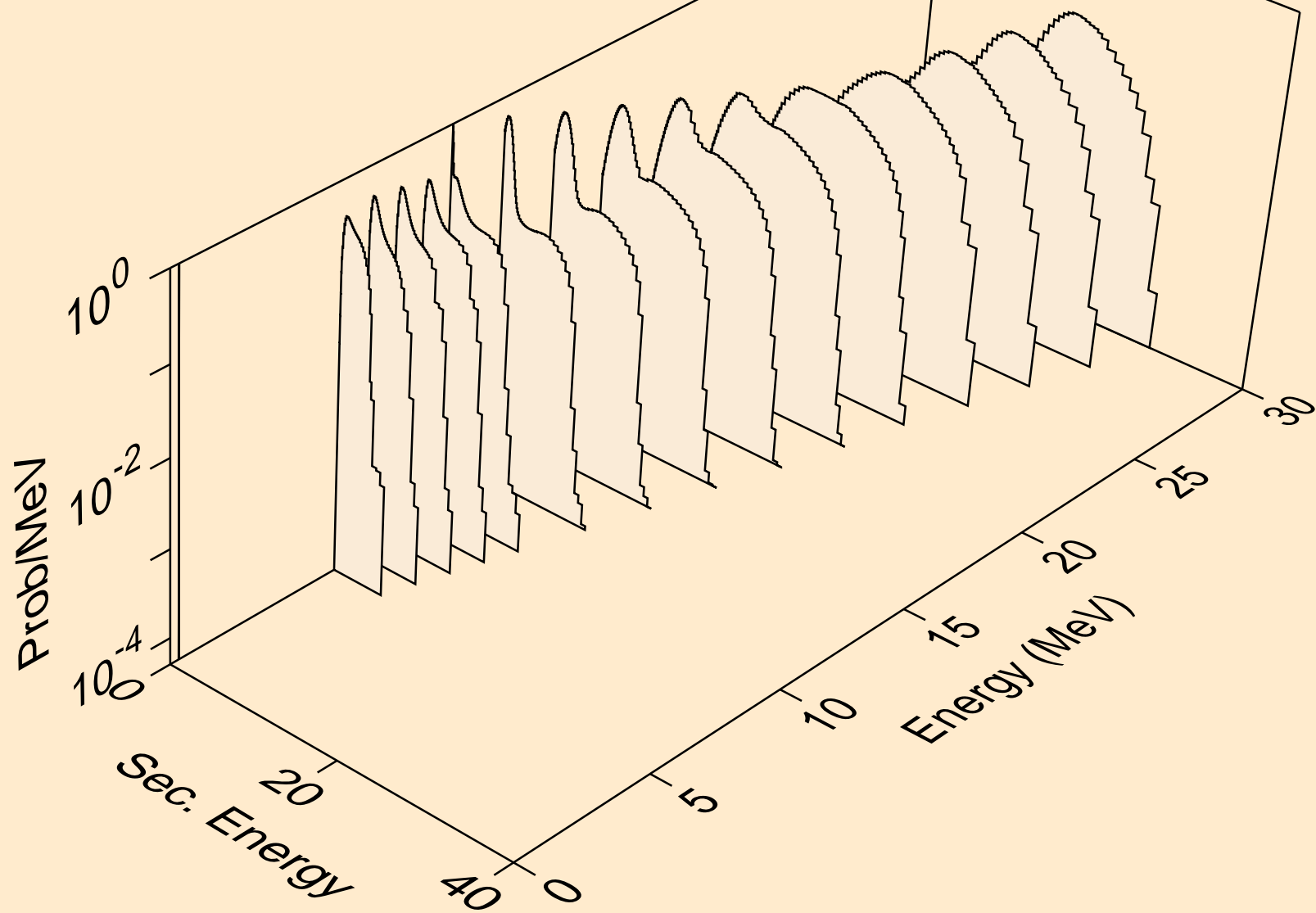
HF170 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



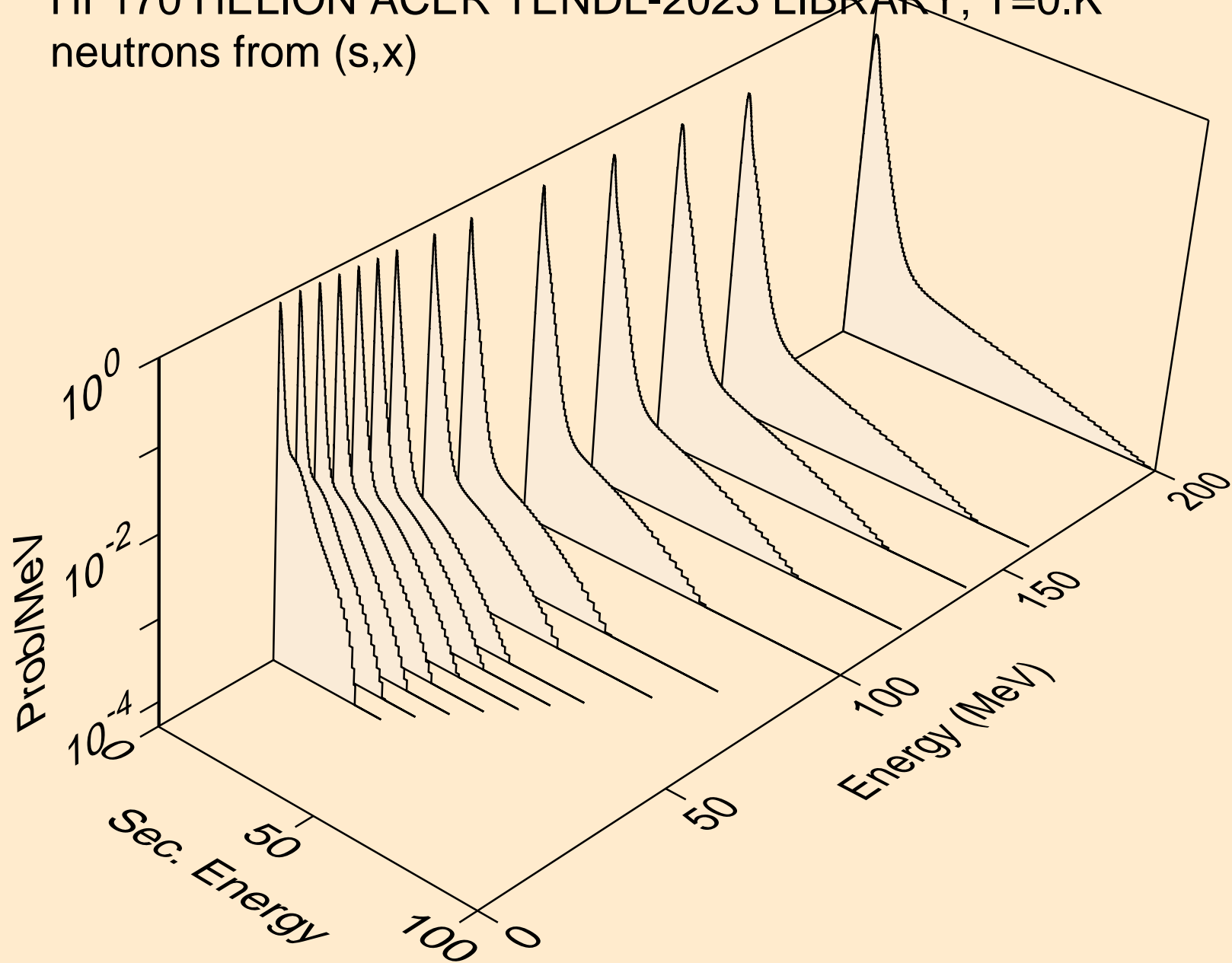
HF170 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



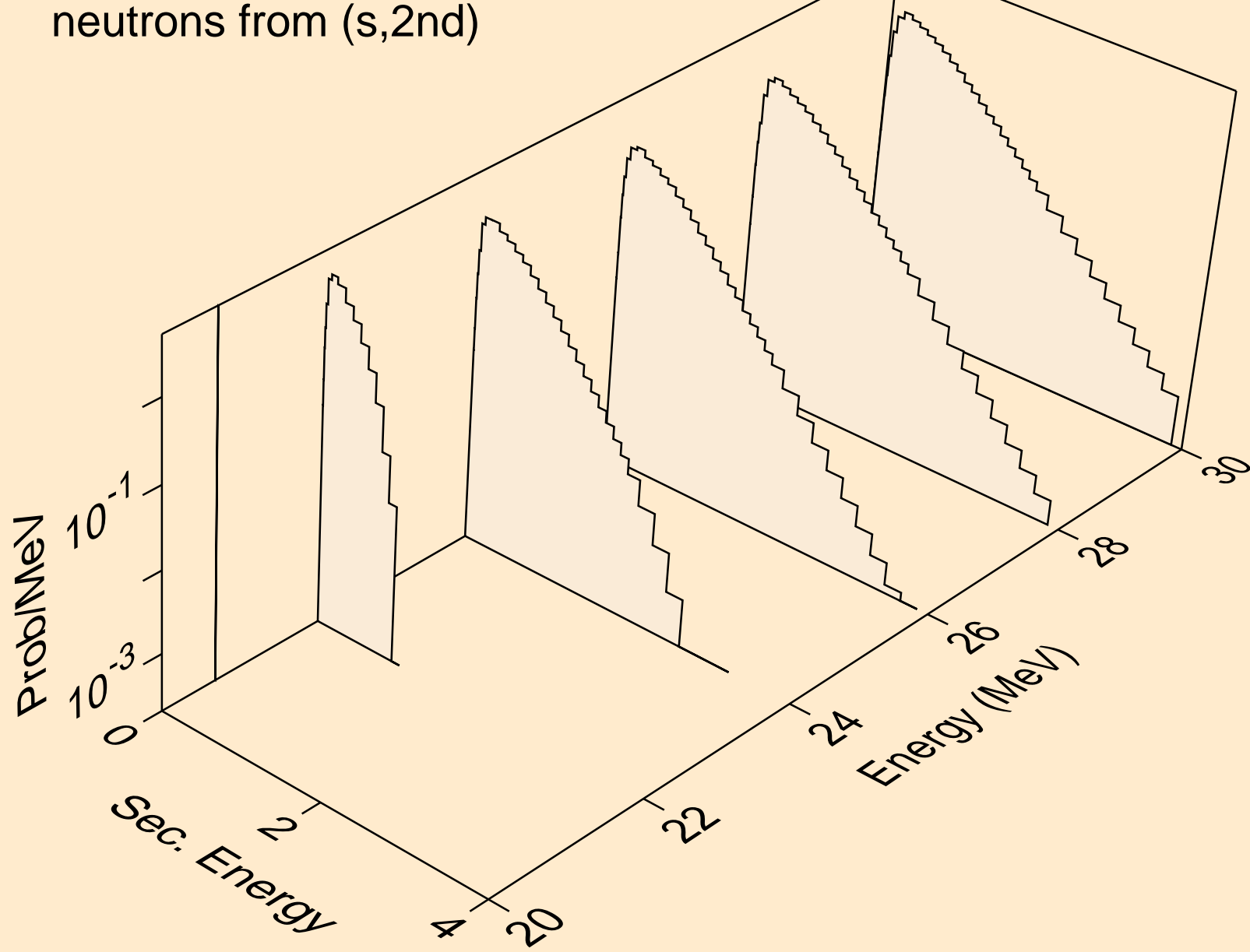
HF170 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n)



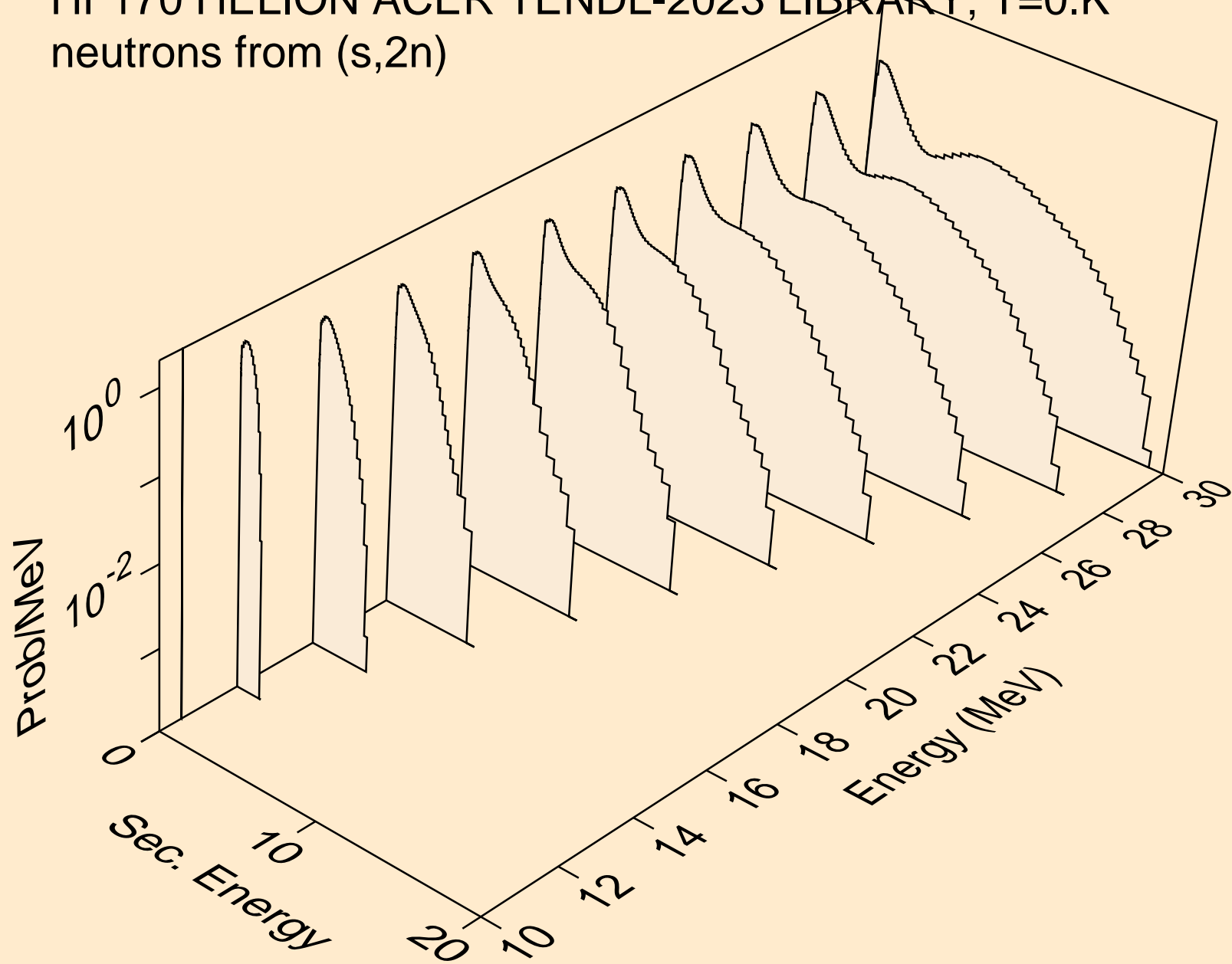
HF170 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,x)



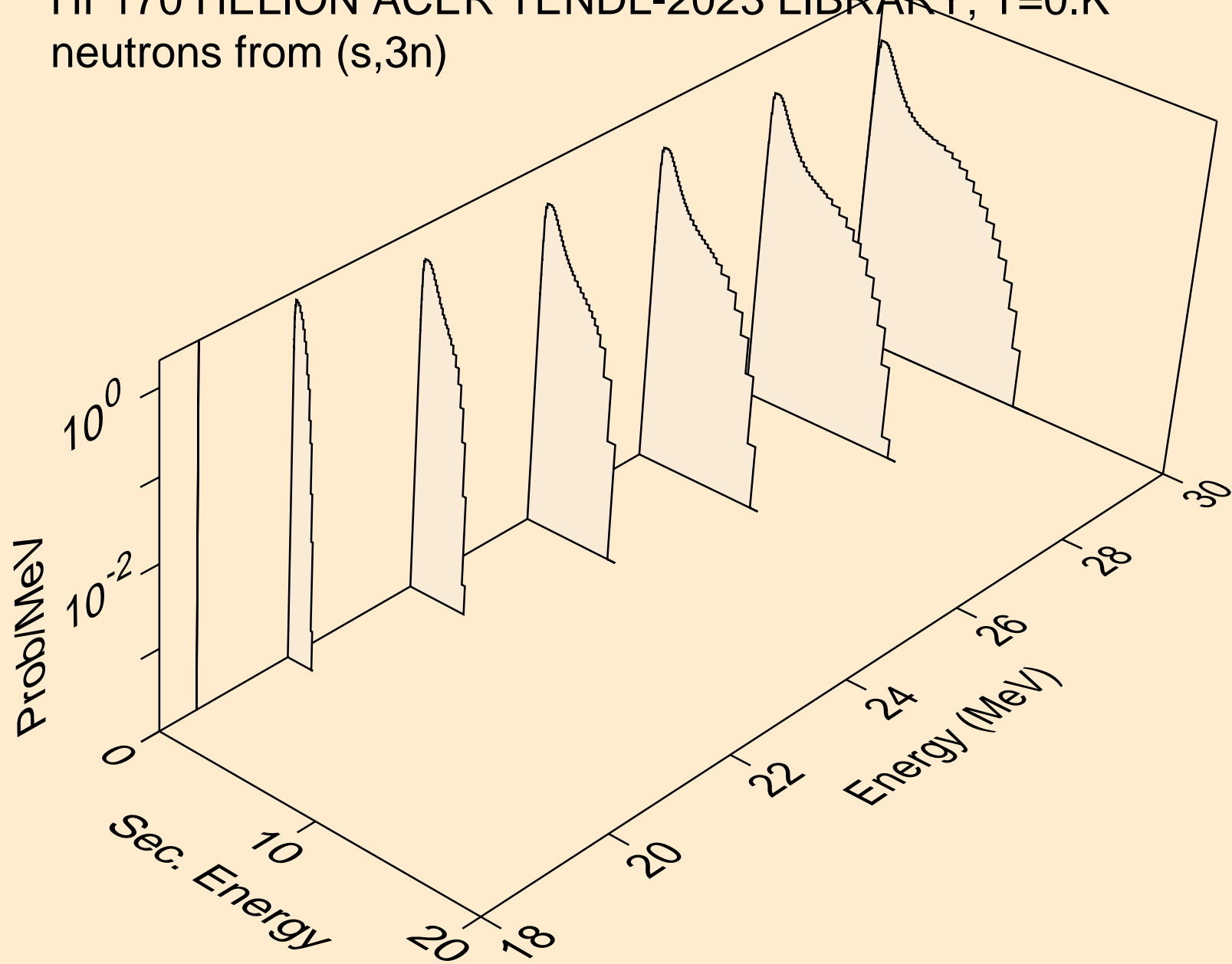
HF170 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2nd)



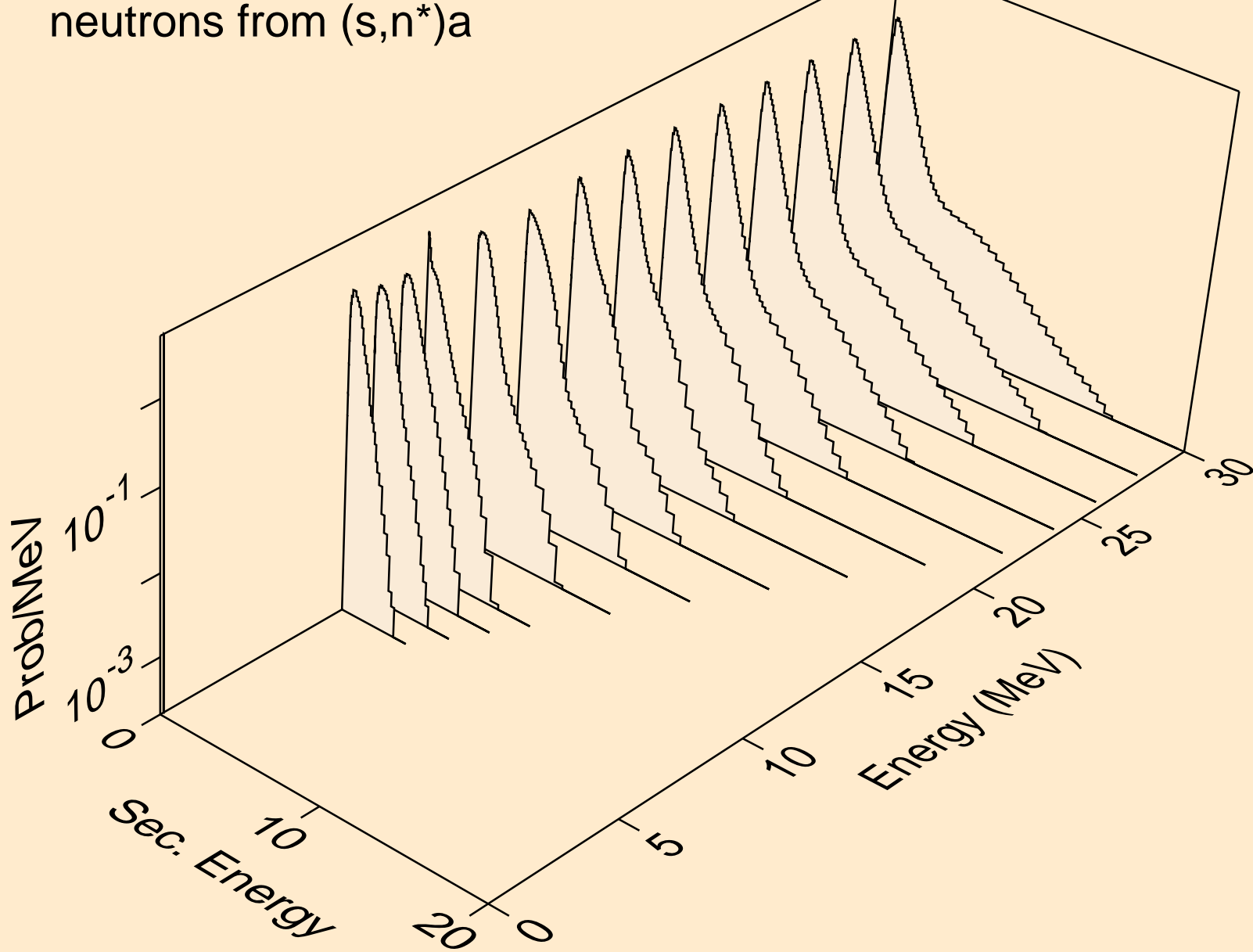
HF170 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)



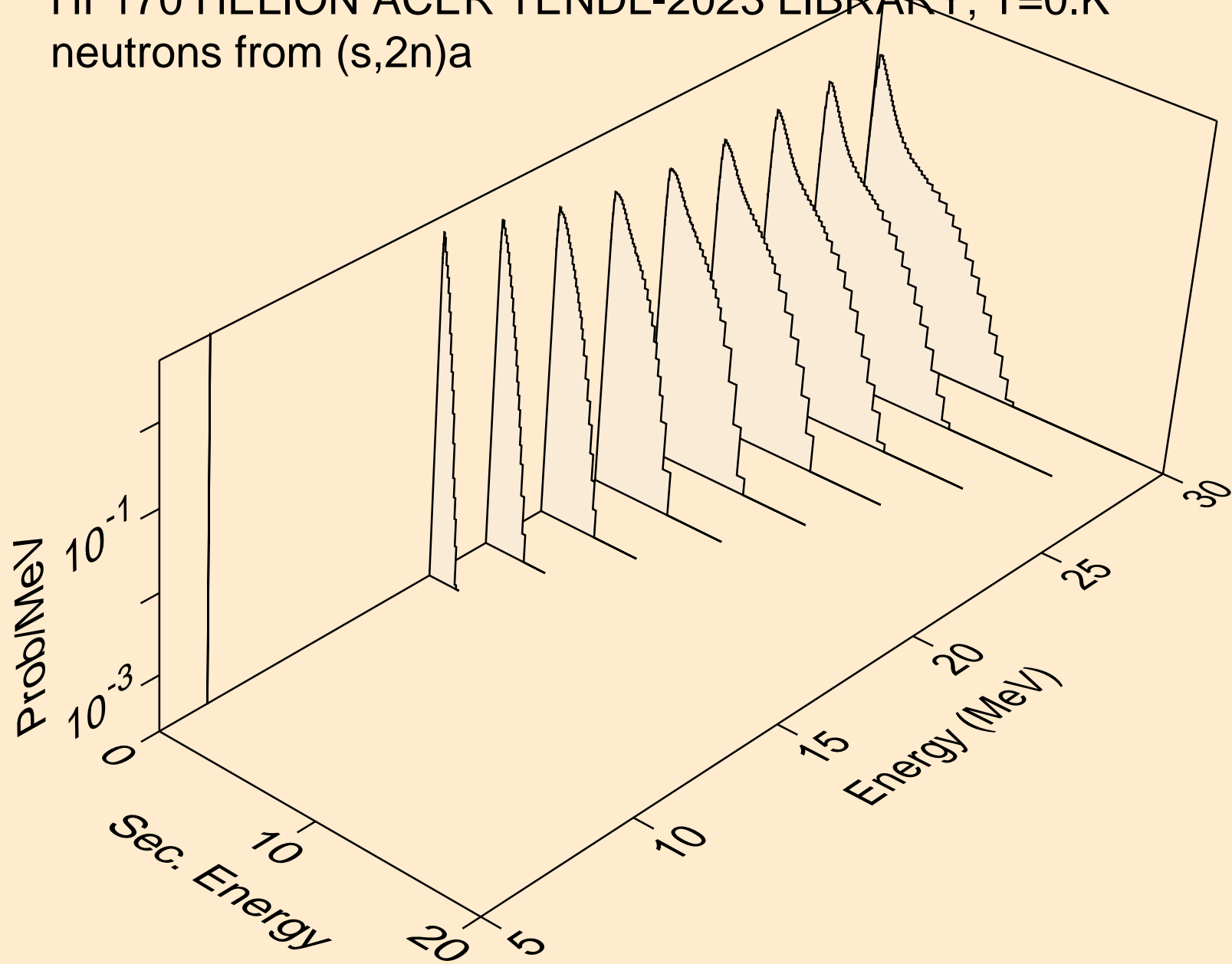
HF170 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3n)



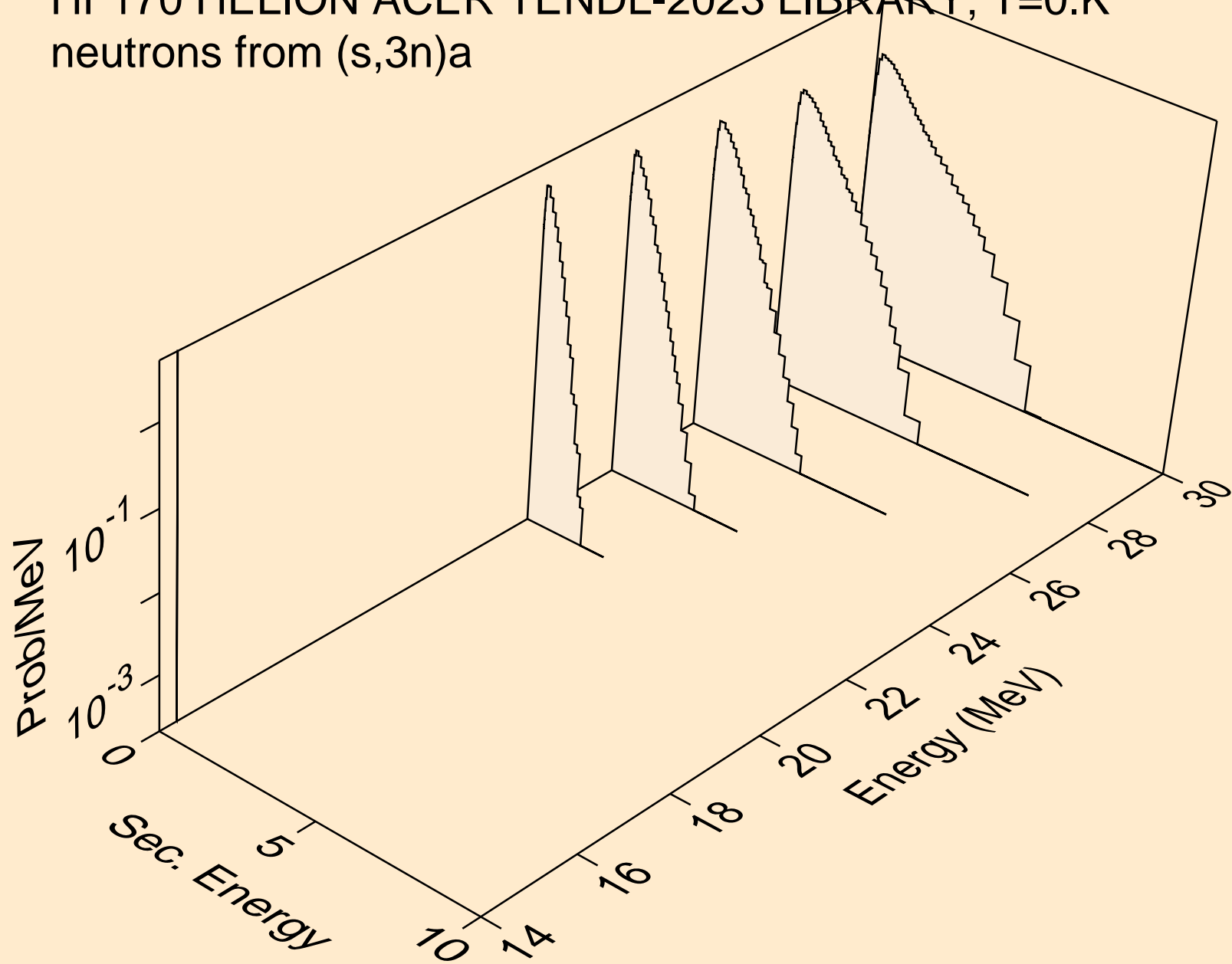
HF170 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)a



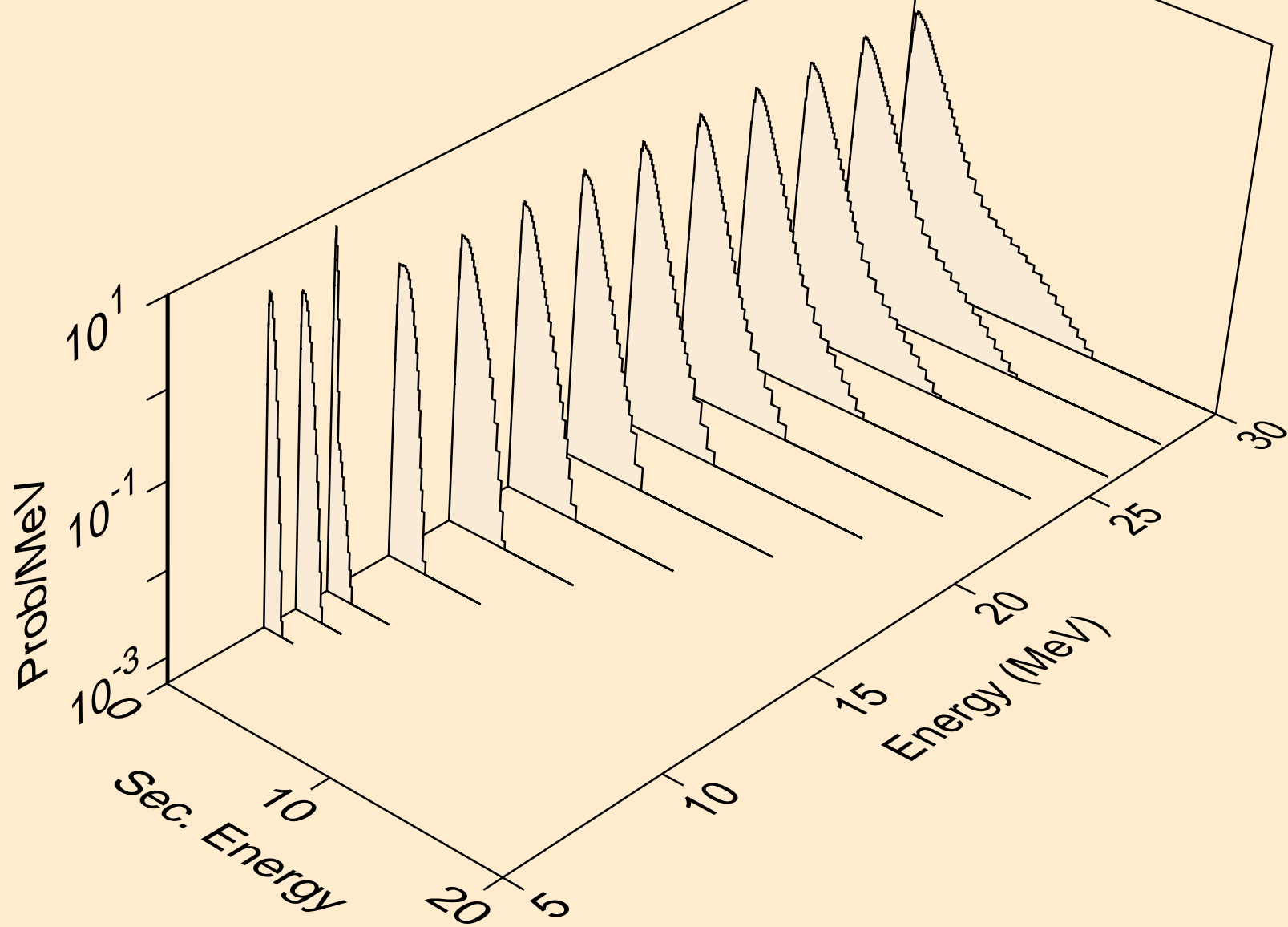
HF170 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)a



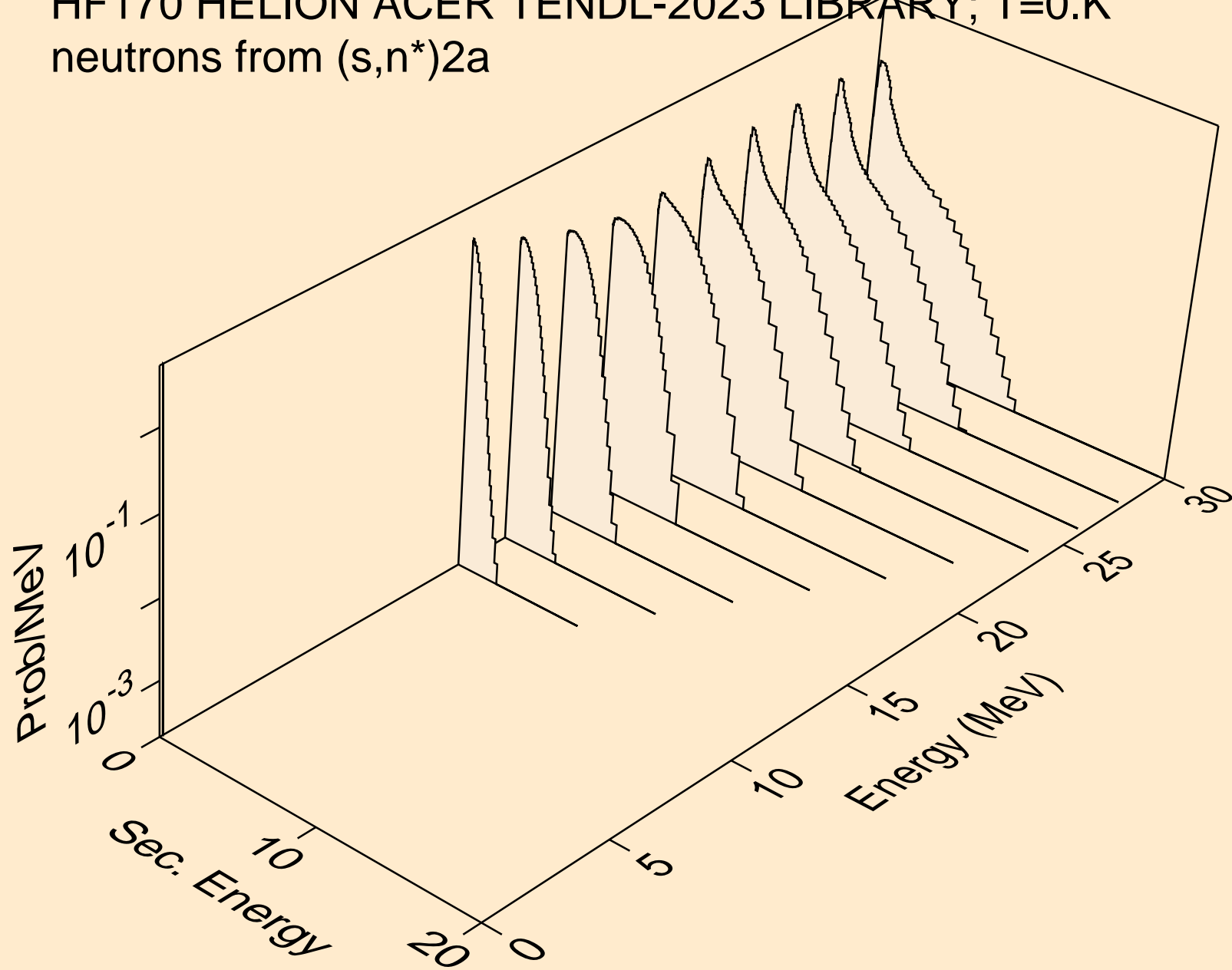
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neutrons from (s,3n)a



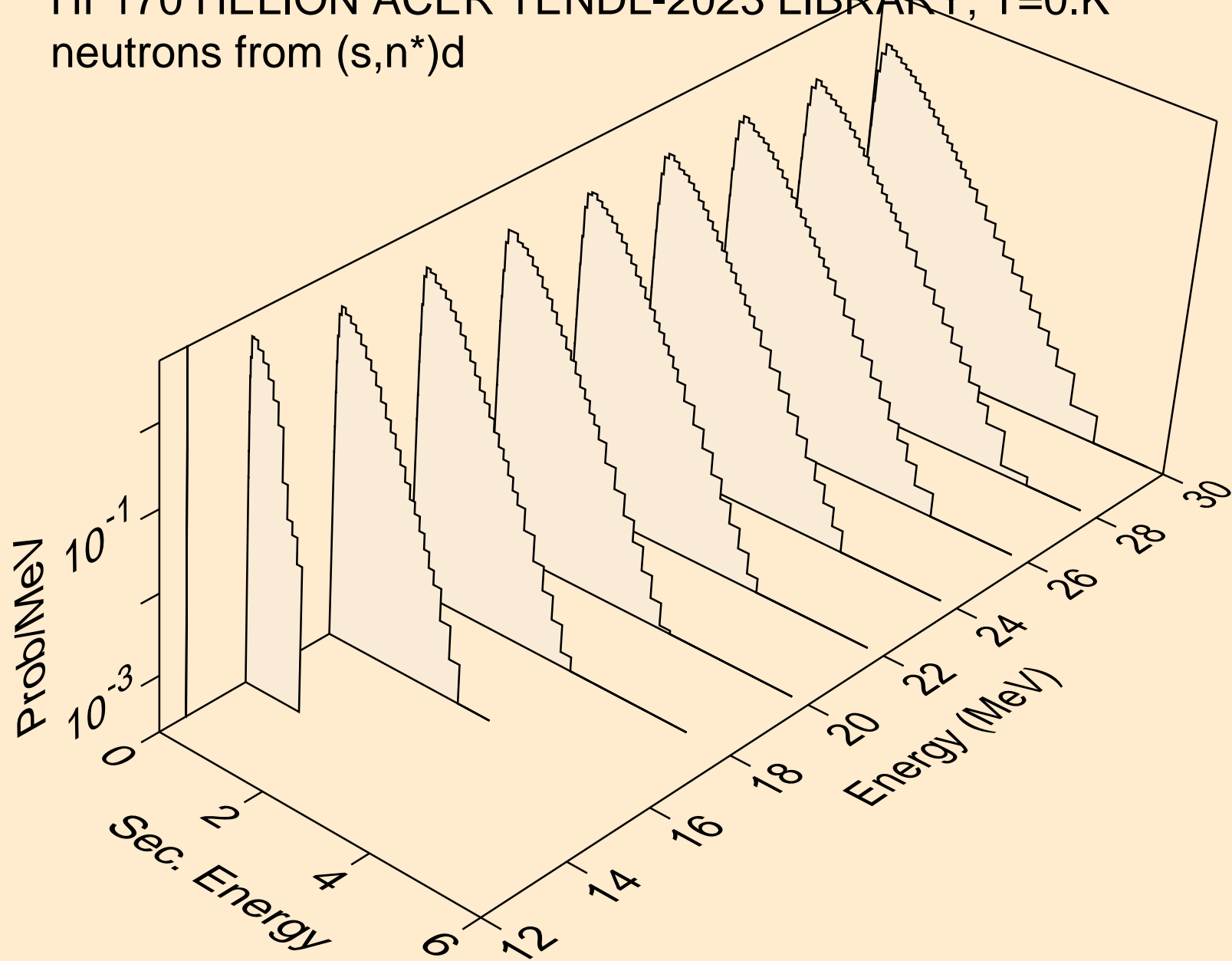
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neutrons from (s,n\*)p



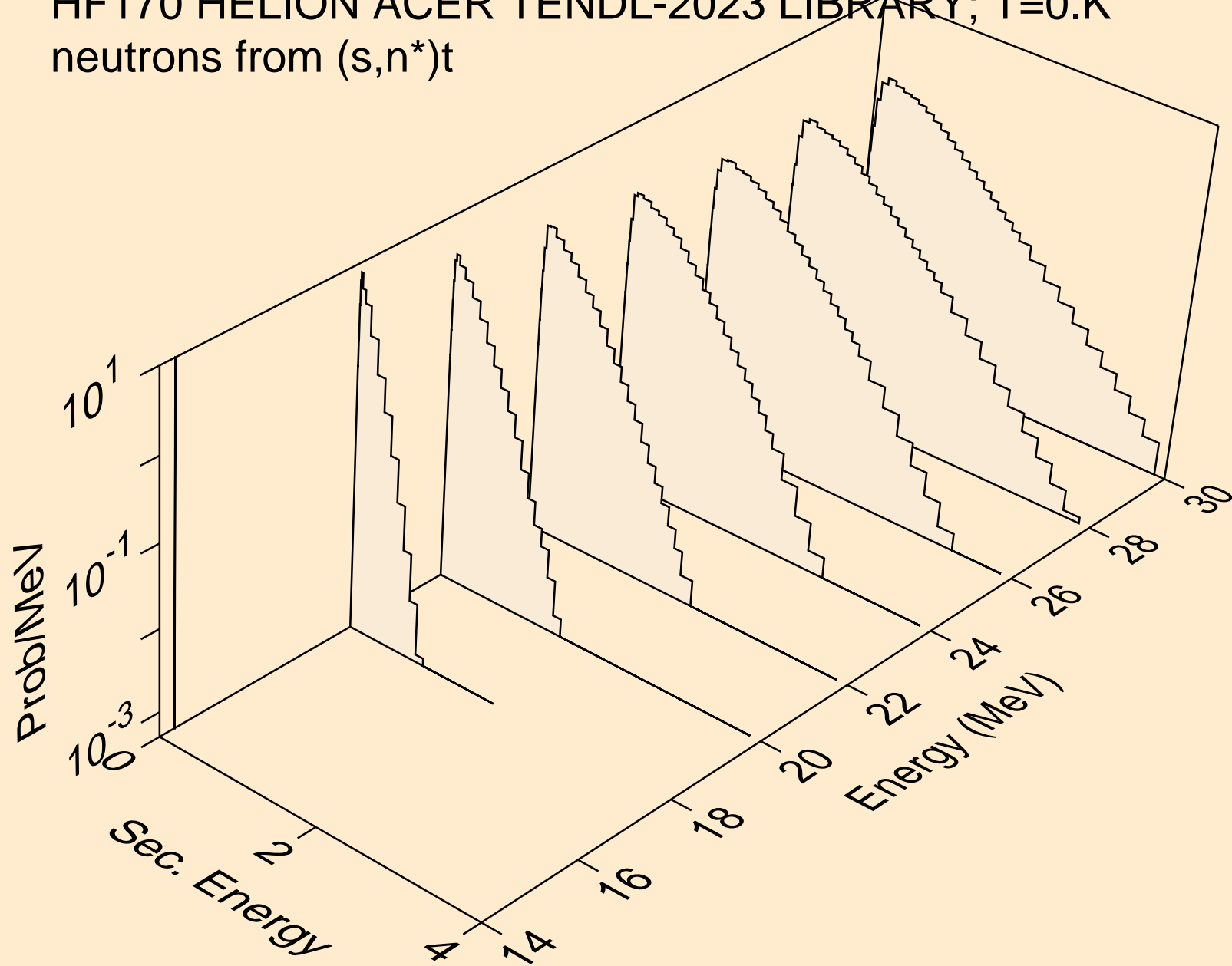
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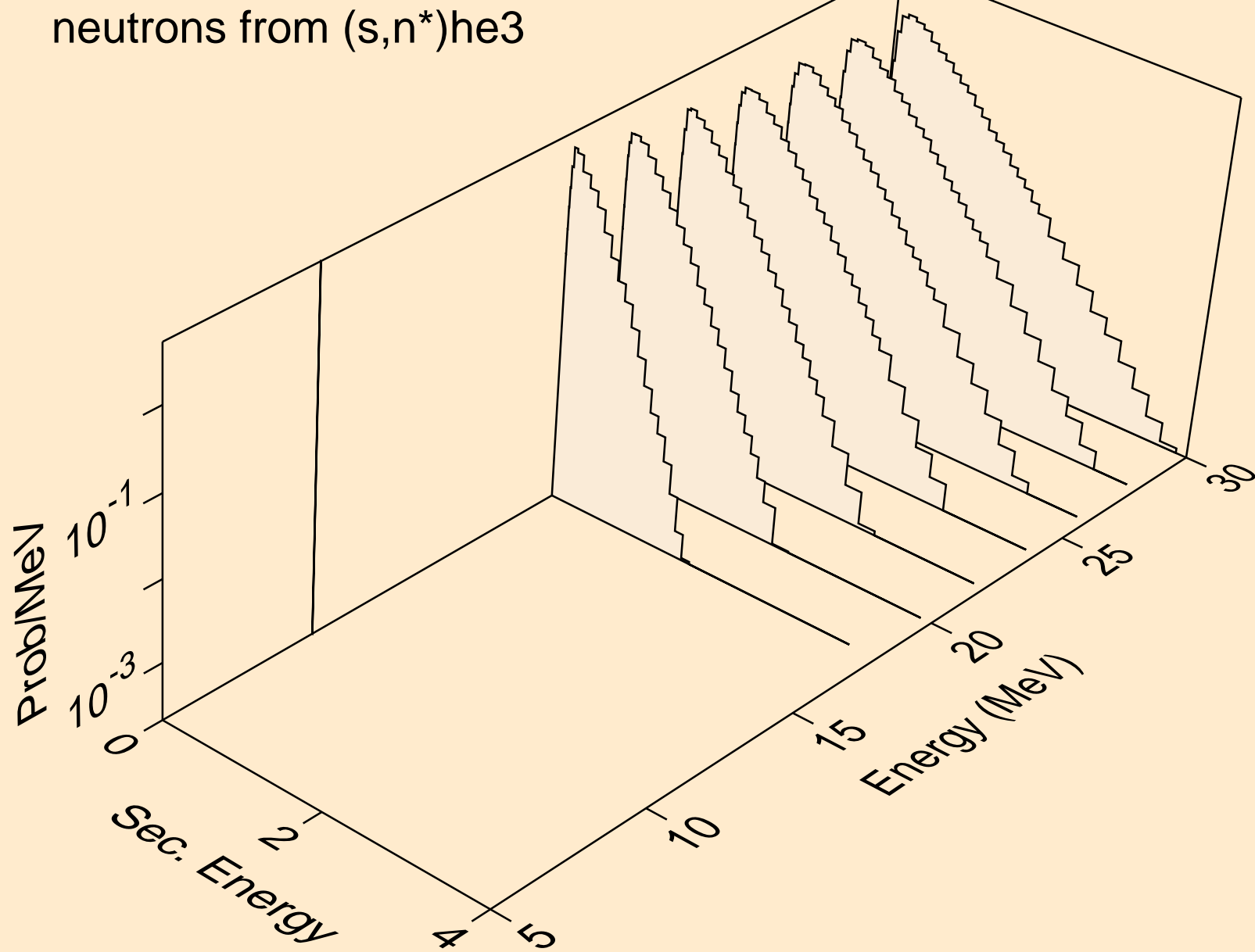
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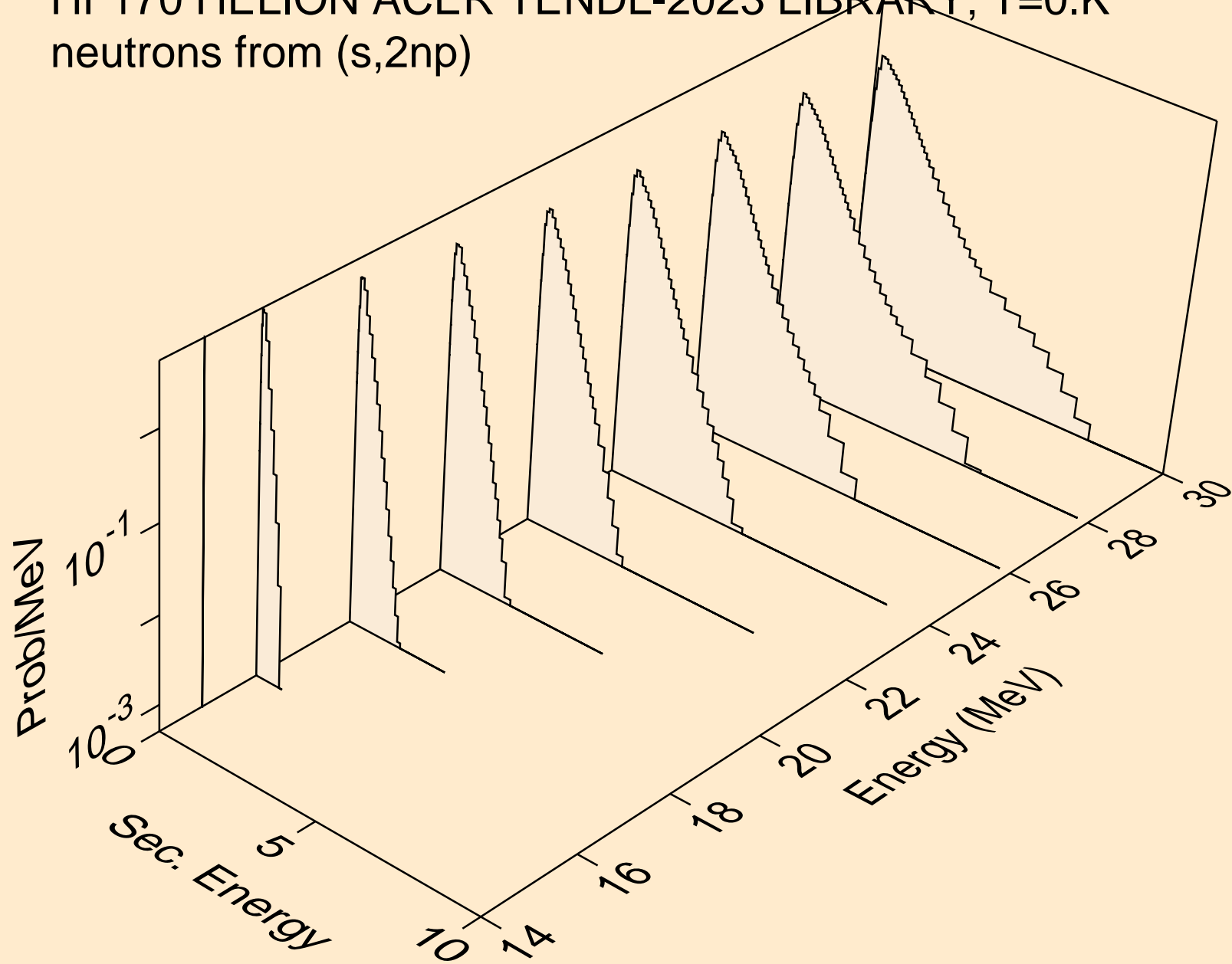
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neutrons from (s,n\*)t



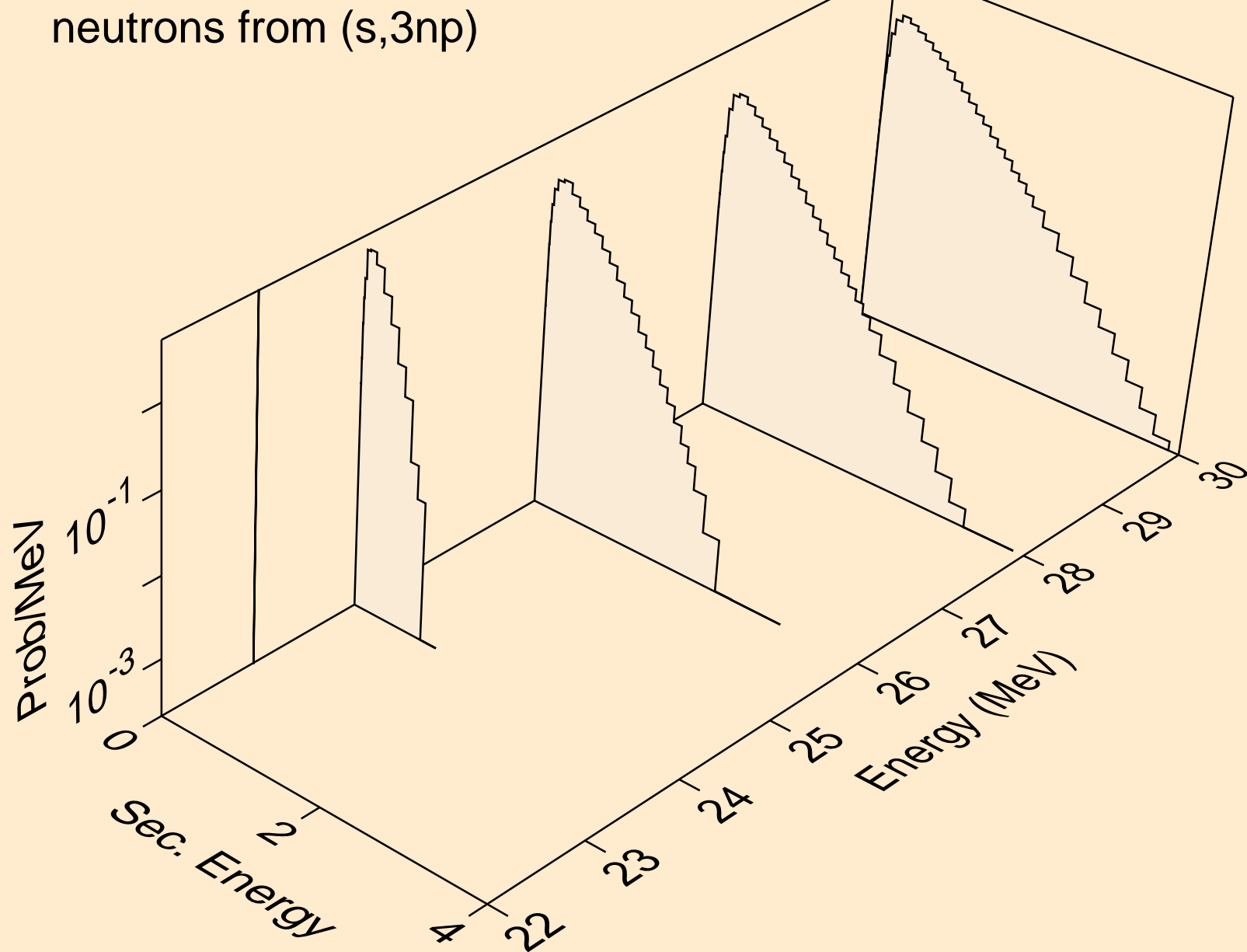
HF170 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



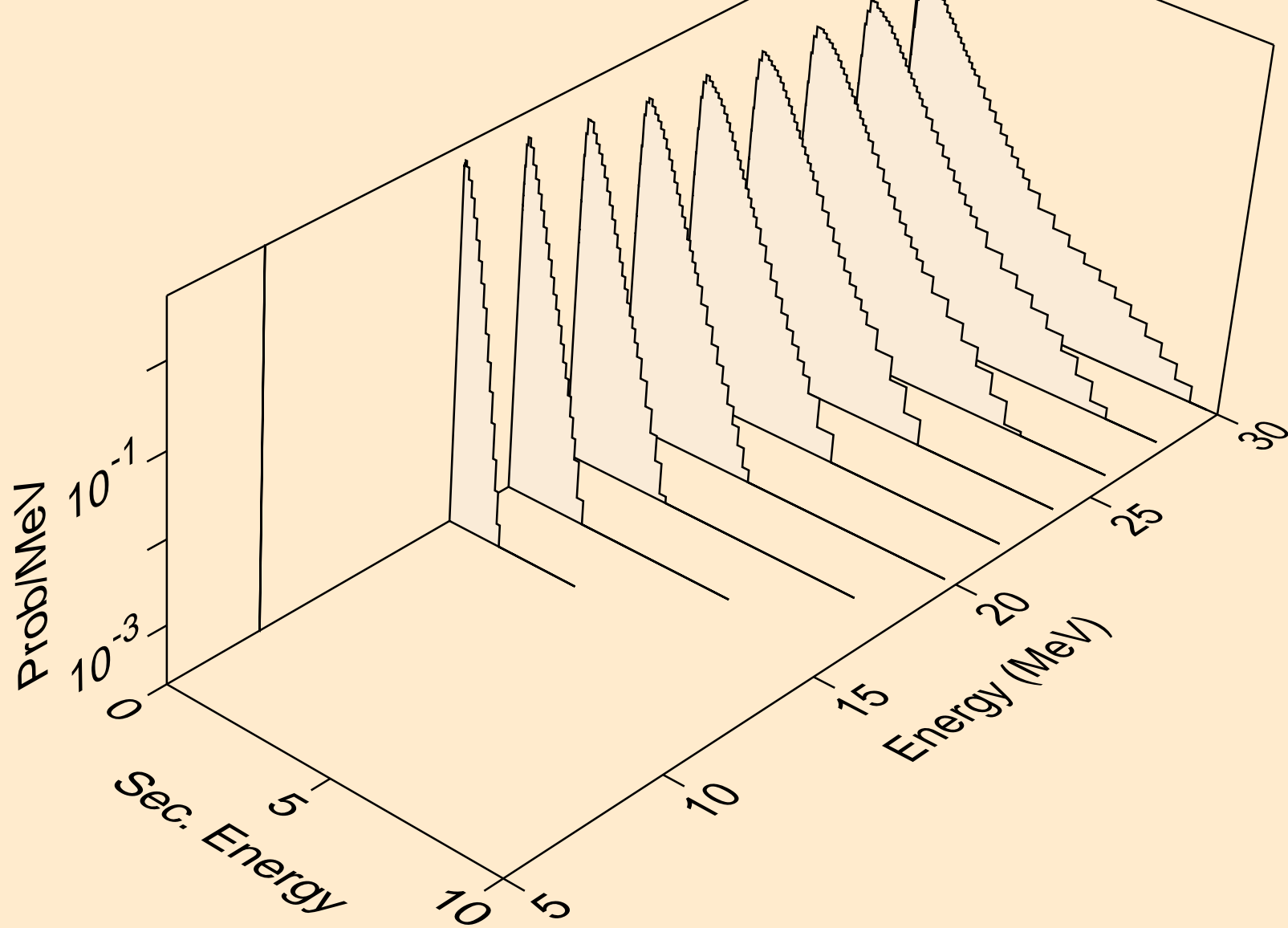
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neutrons from (s,2np)



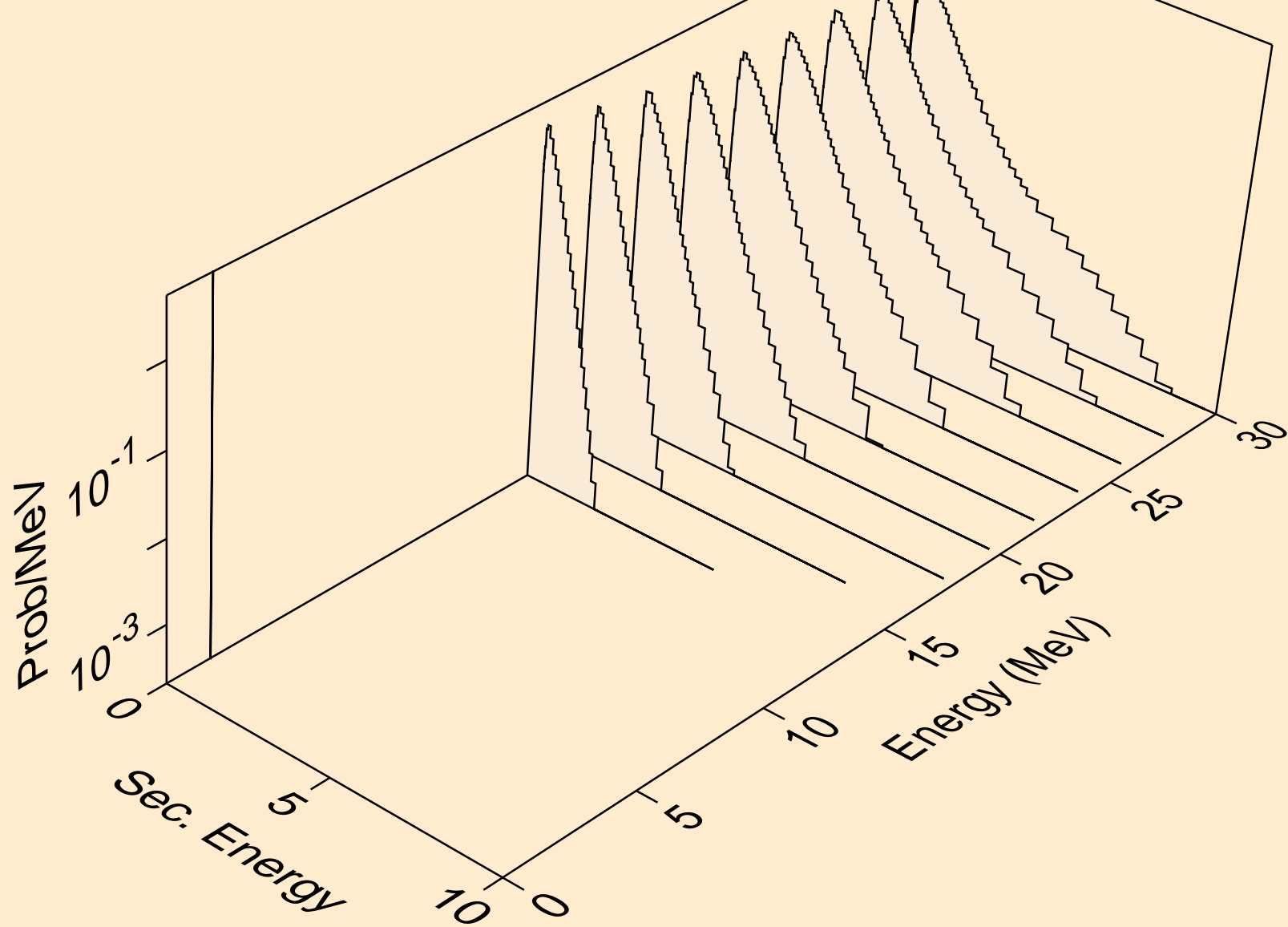
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neutrons from (s,3np)



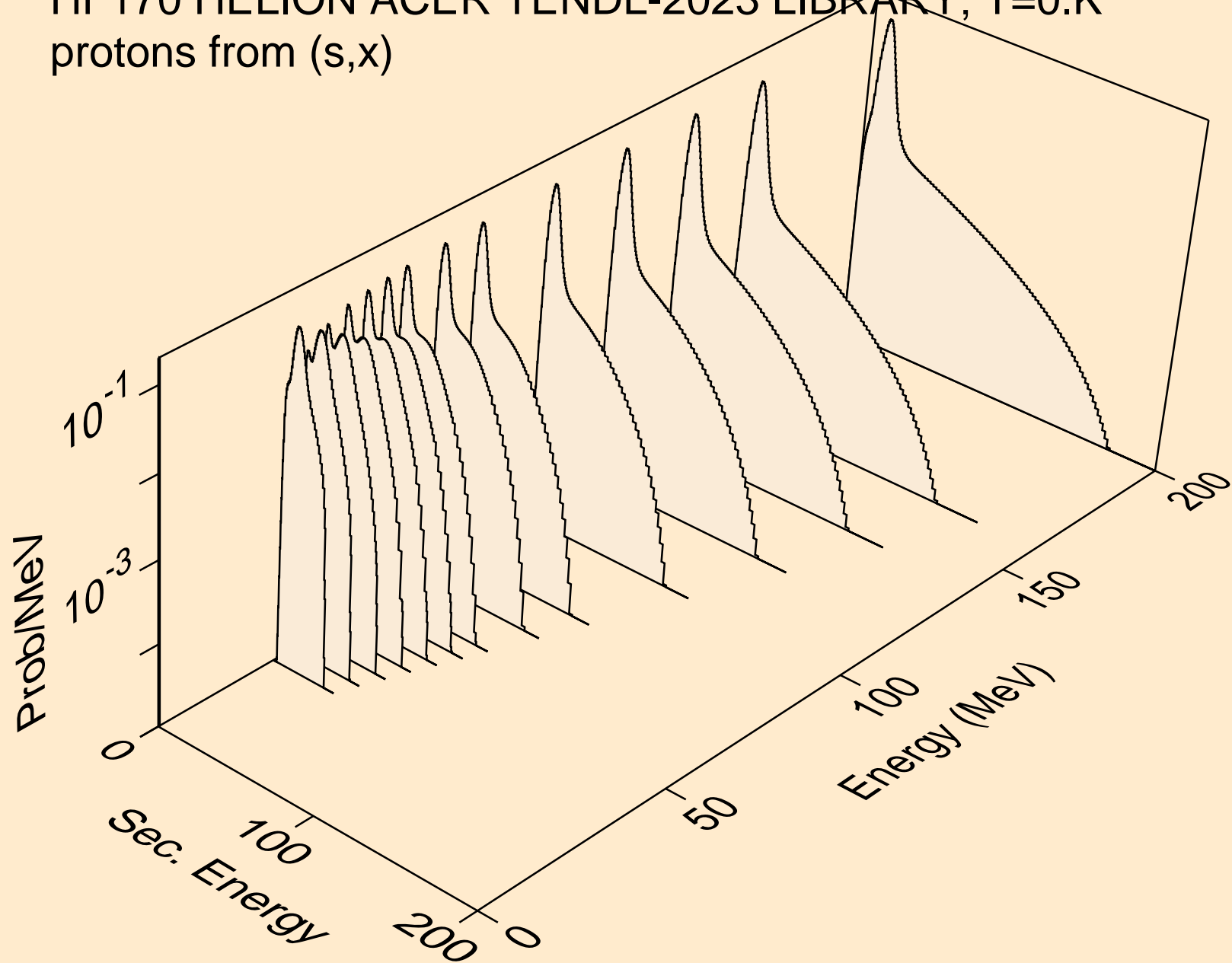
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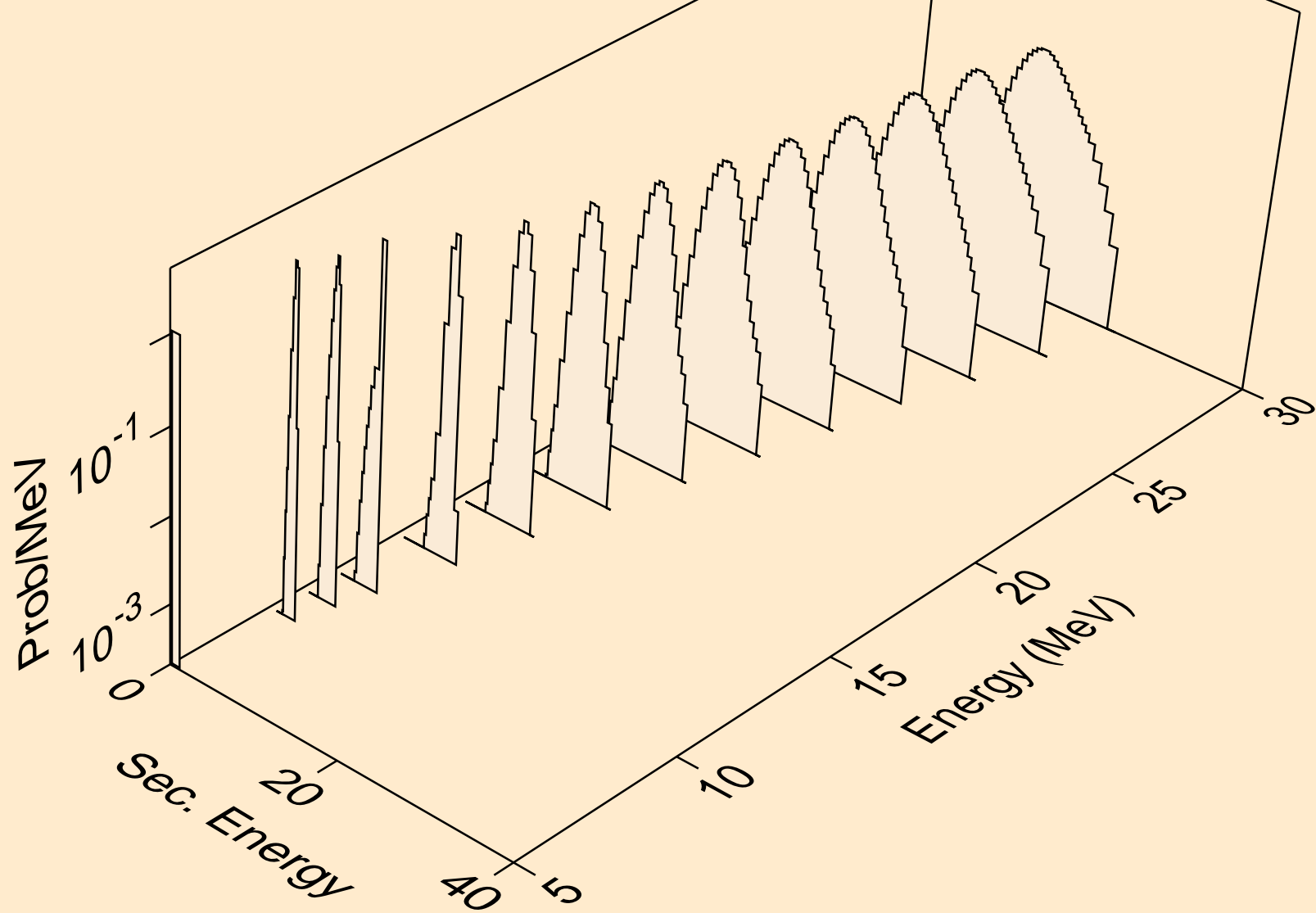
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neutrons from (s,npa)



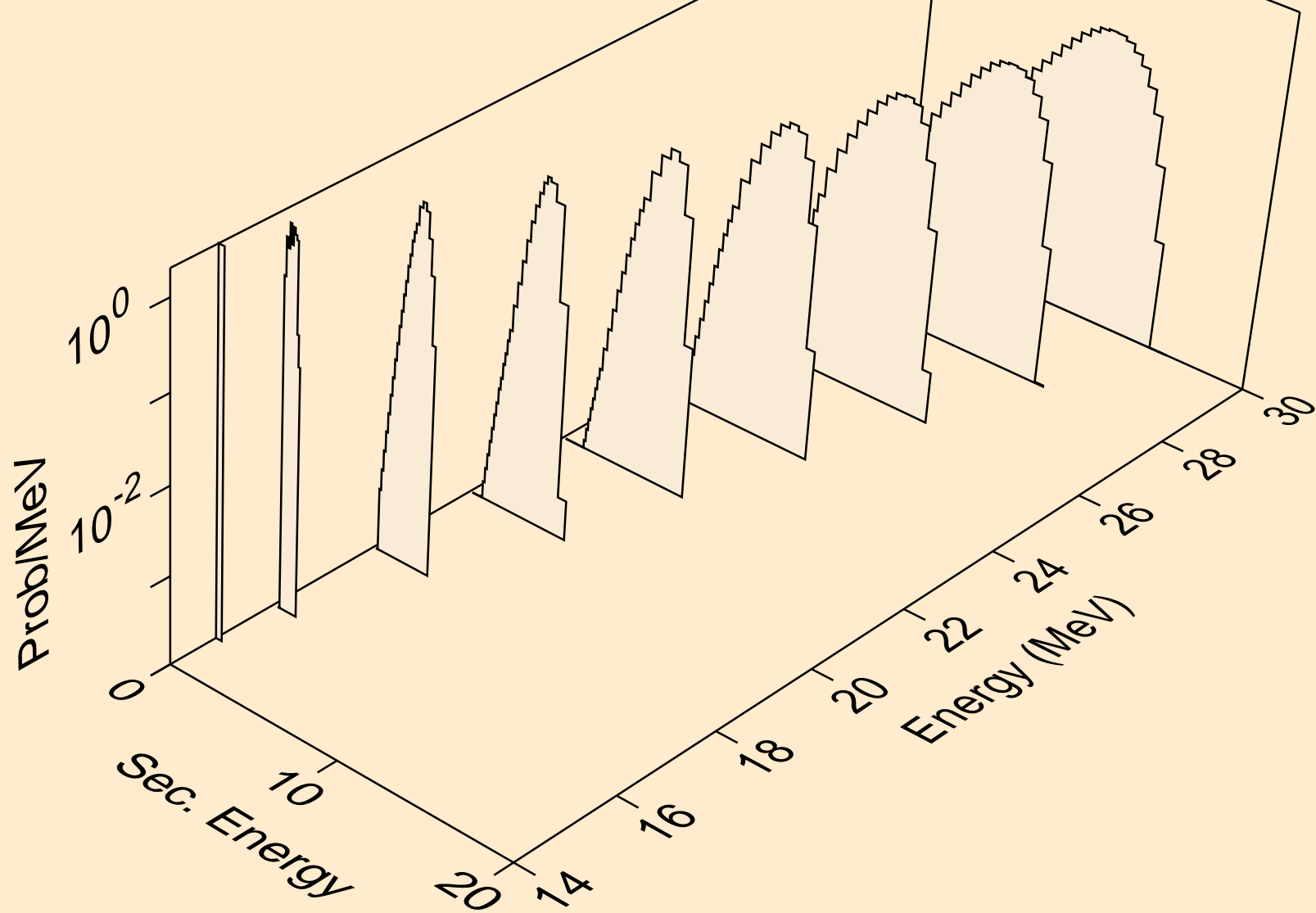
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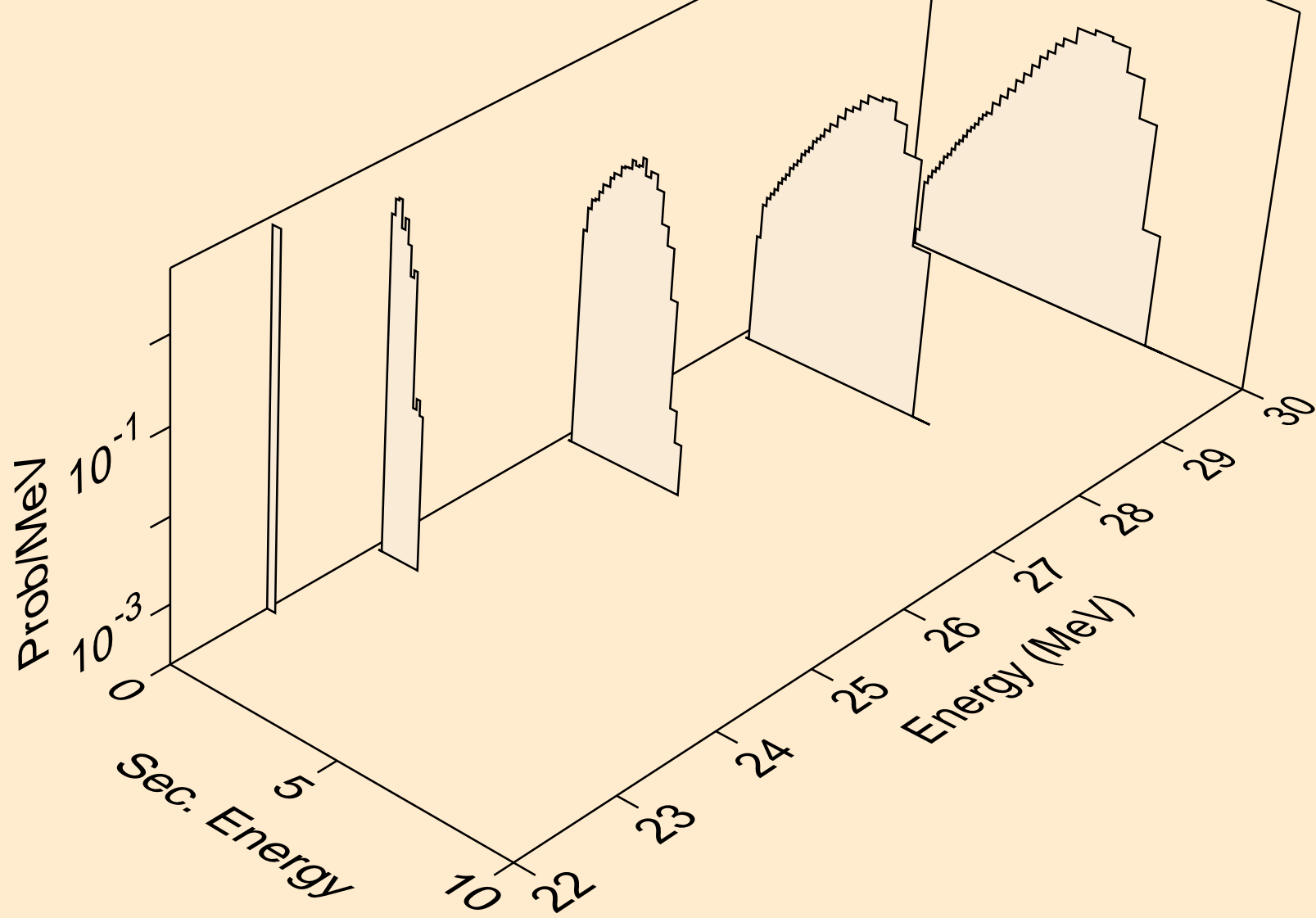
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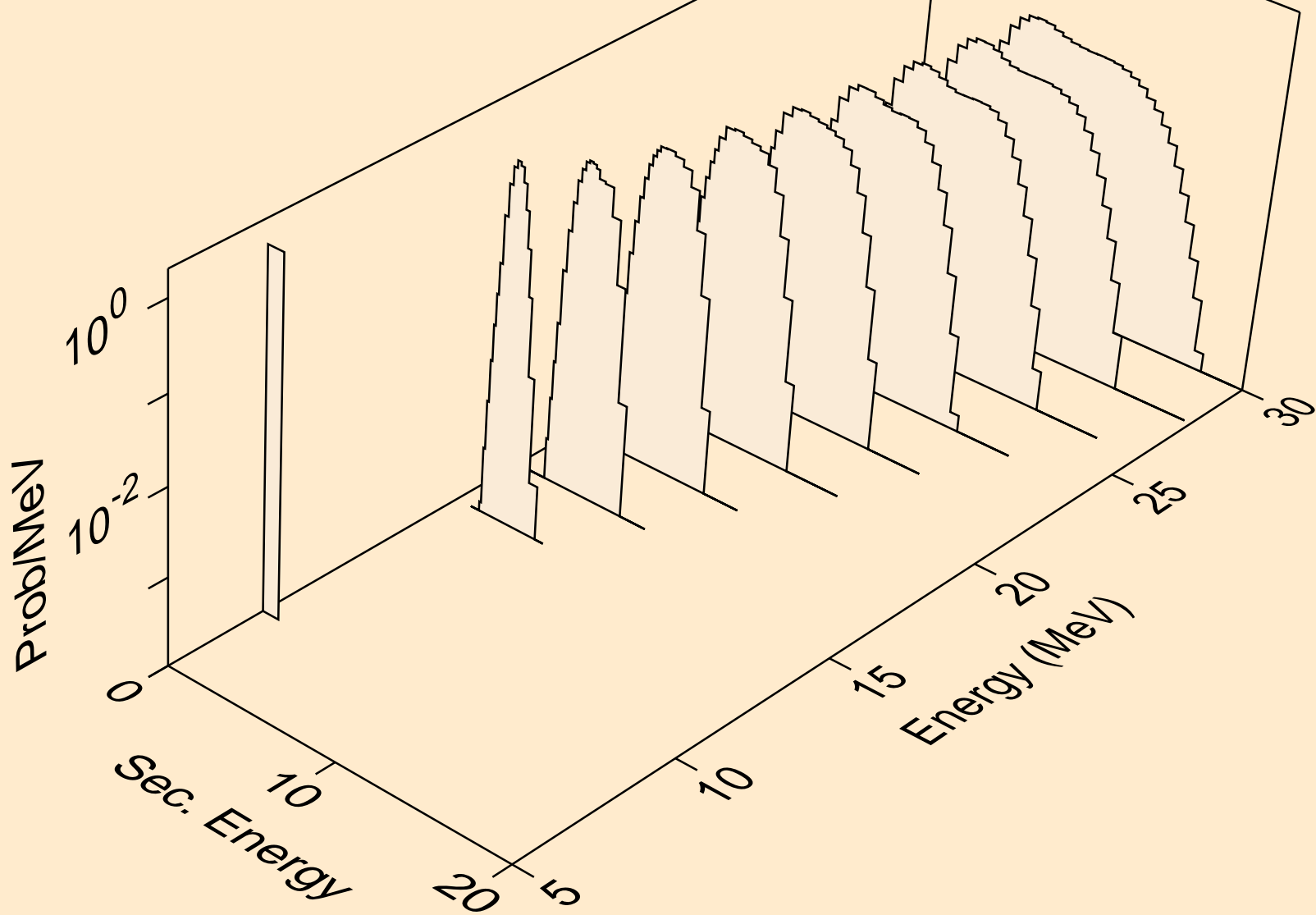
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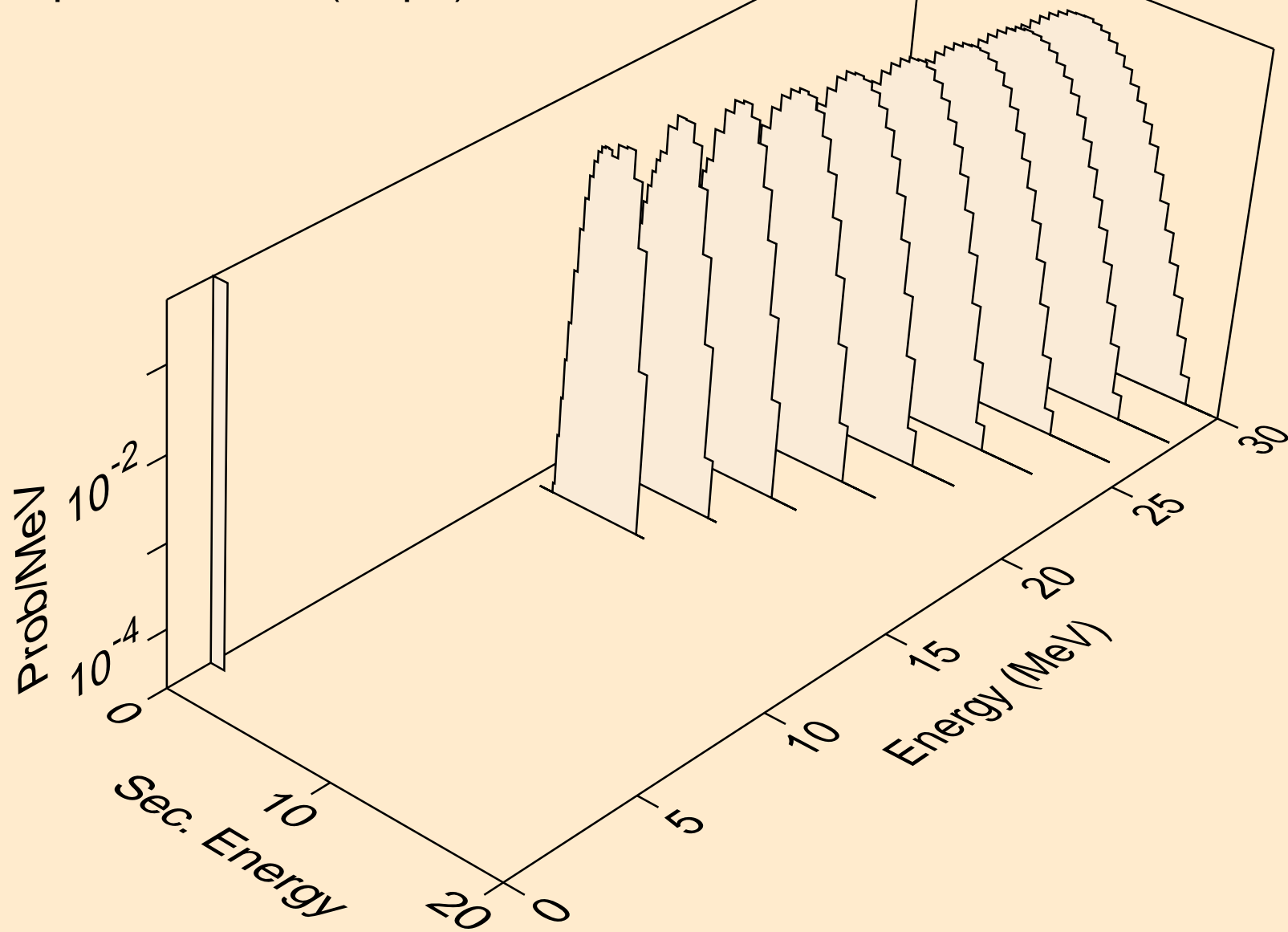
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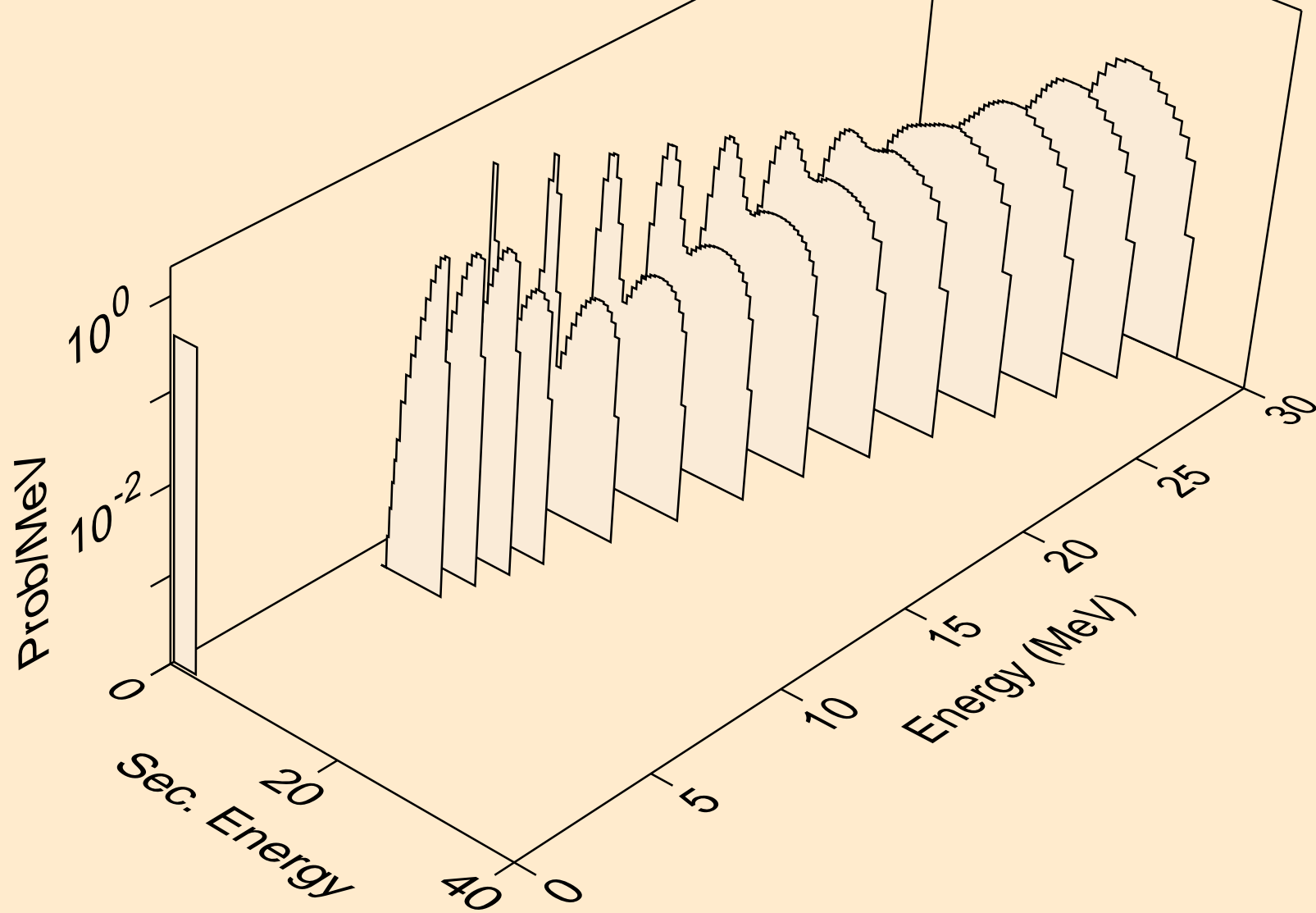
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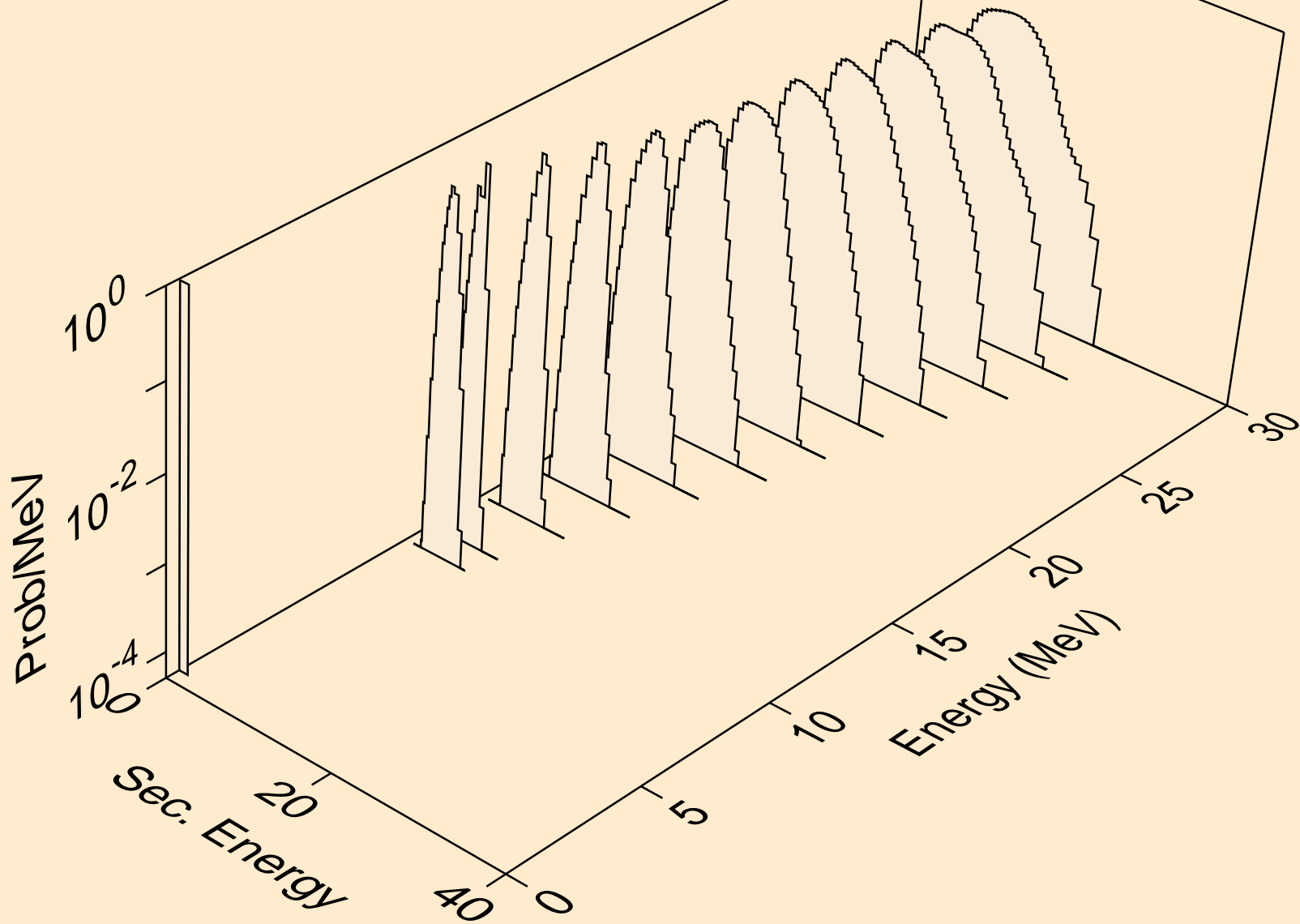
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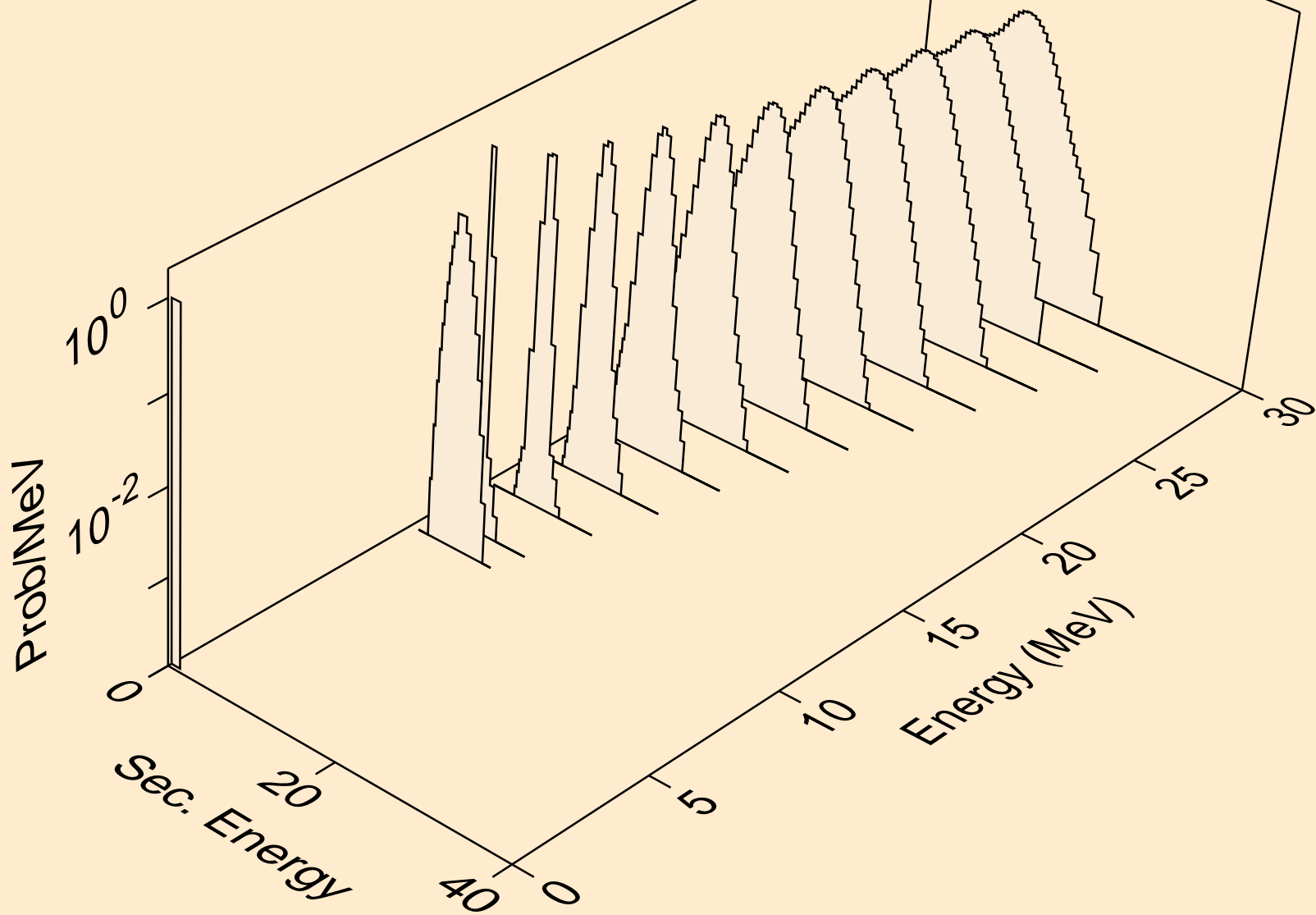
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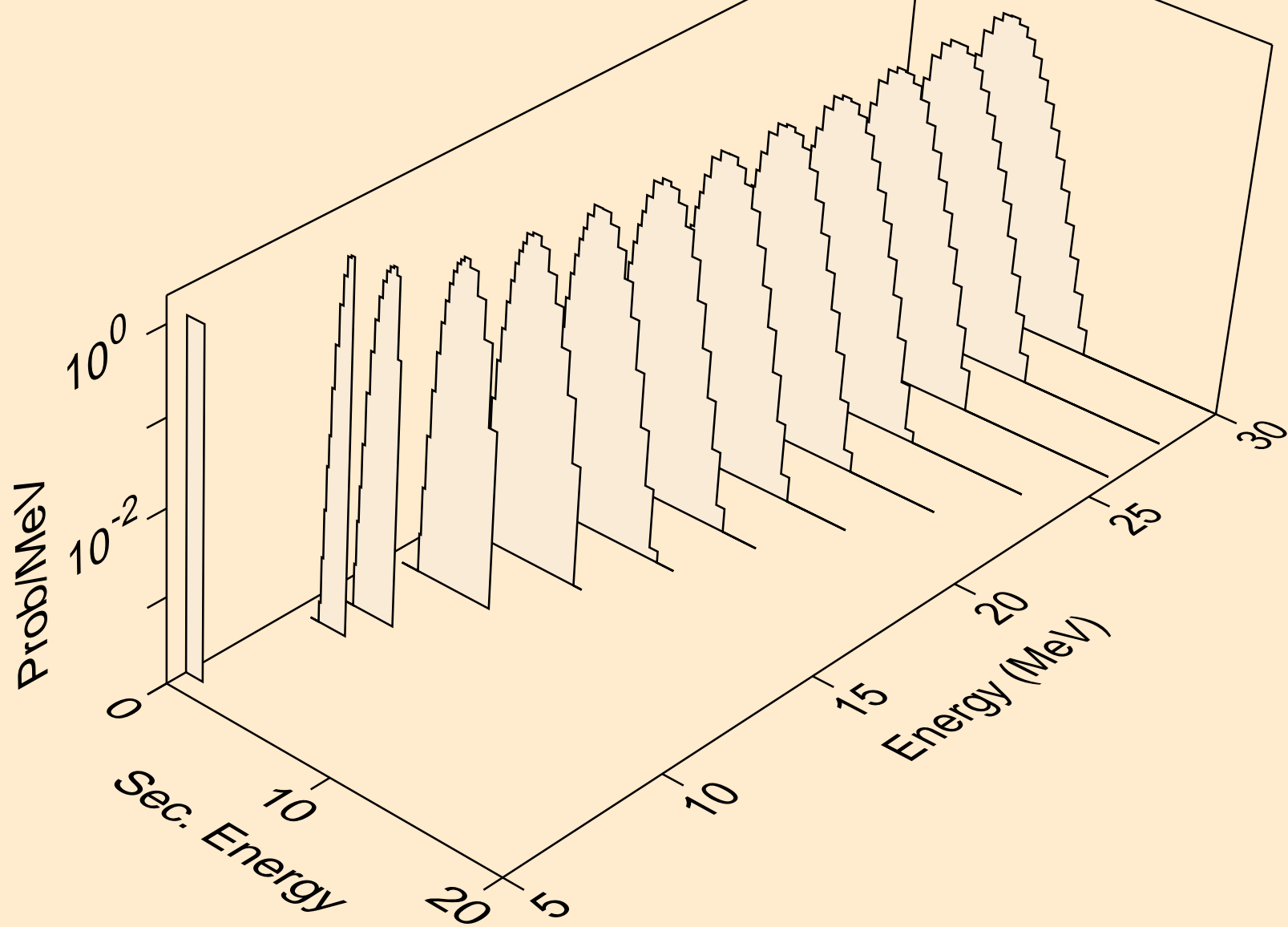
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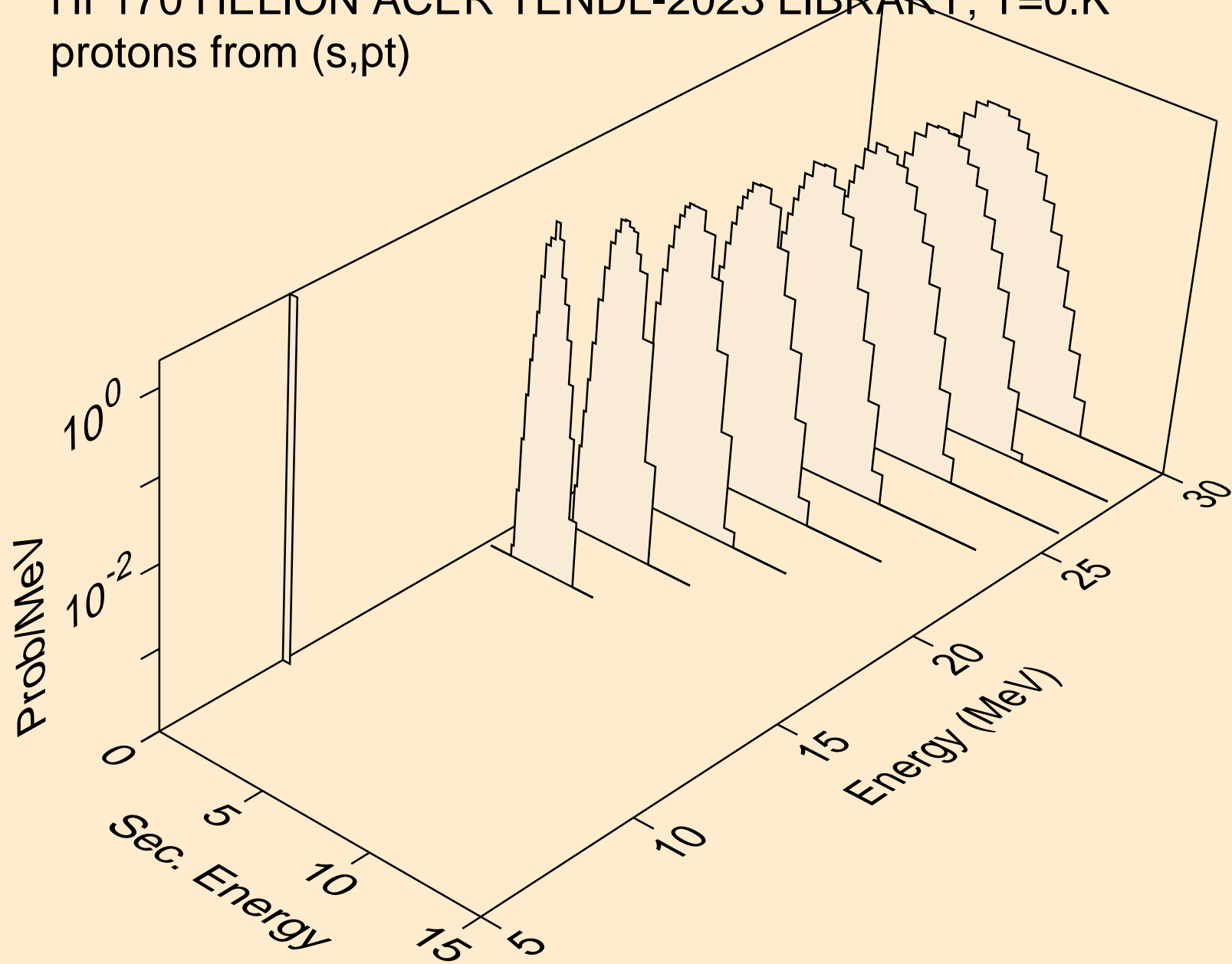
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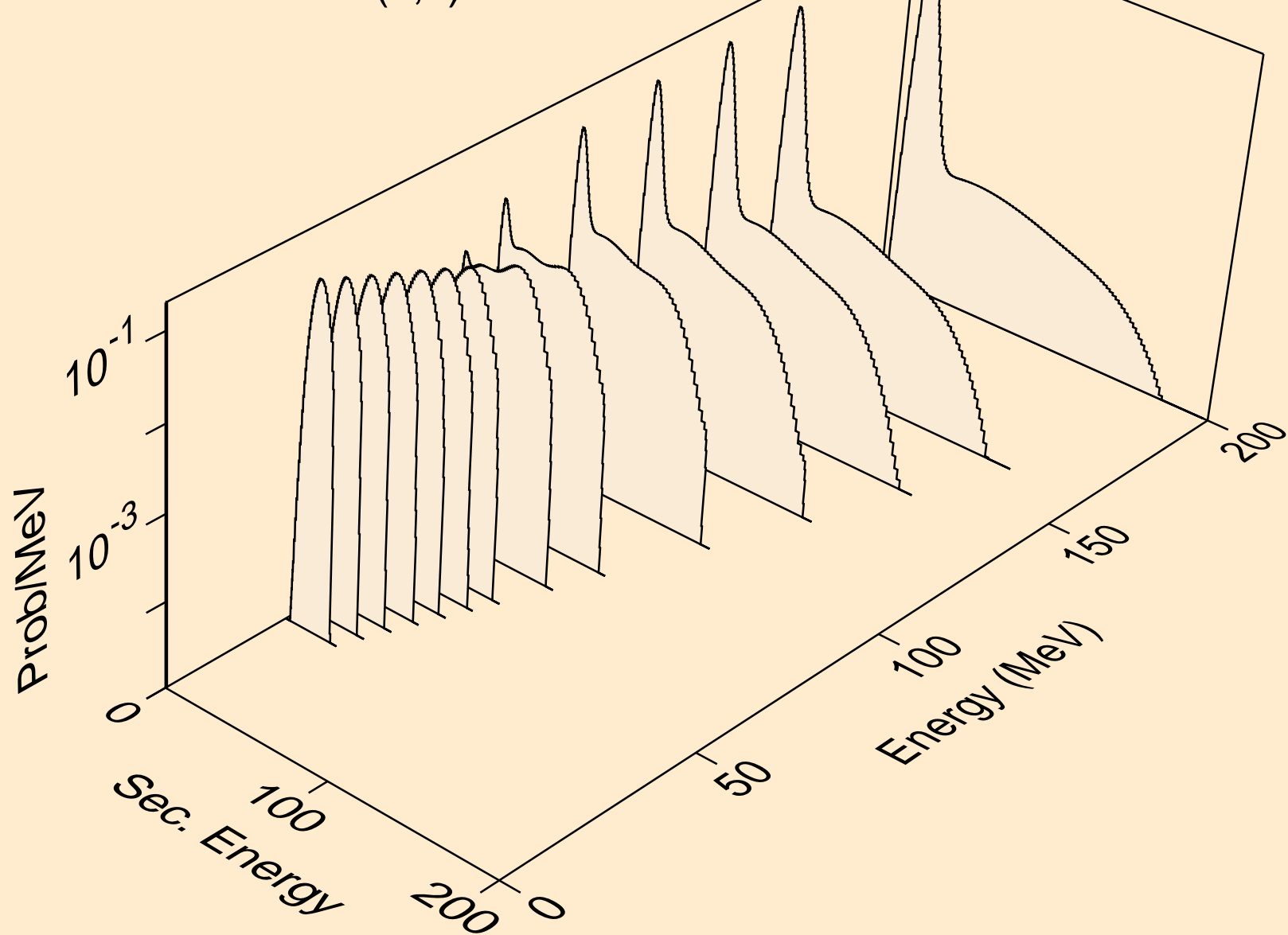
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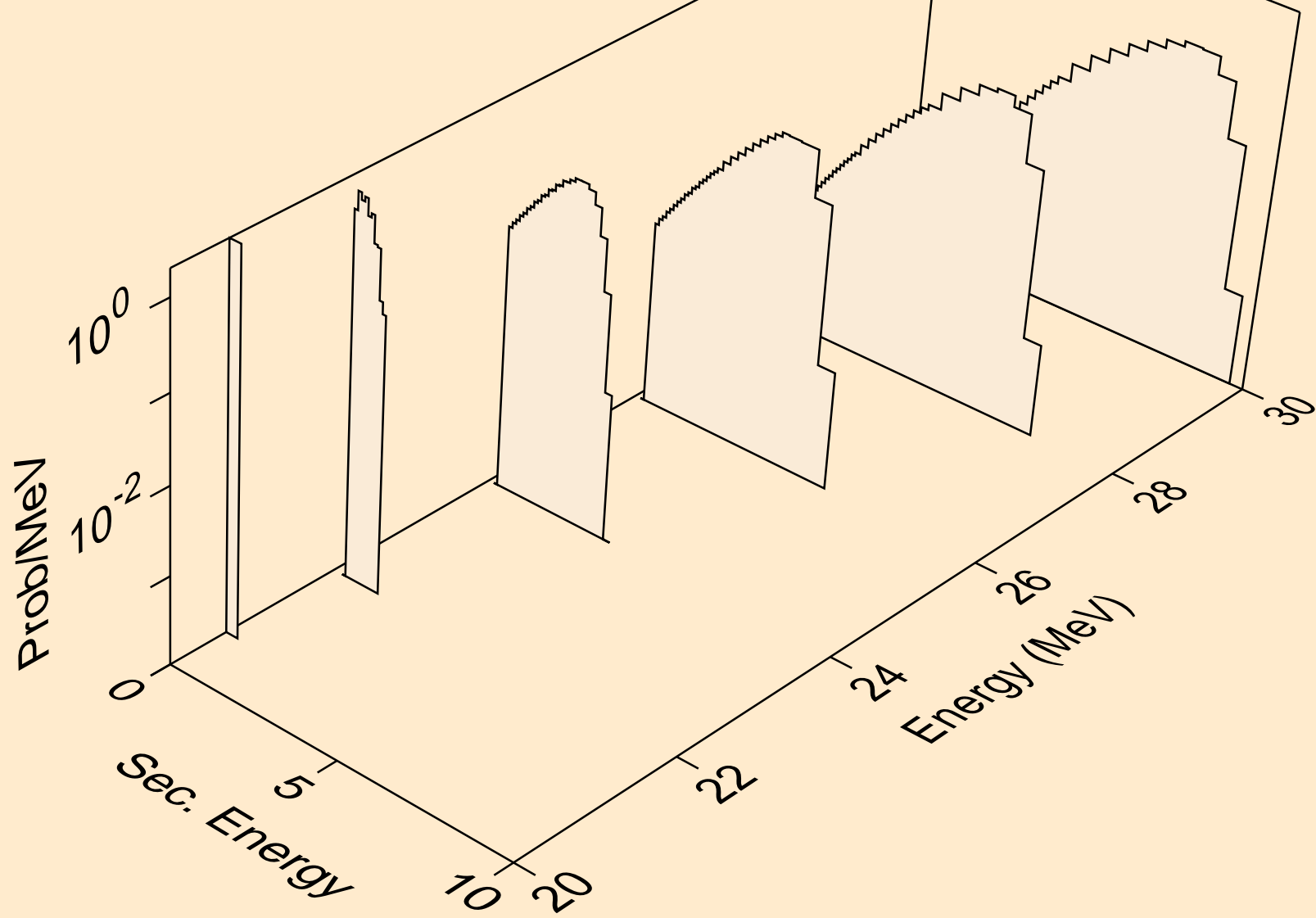
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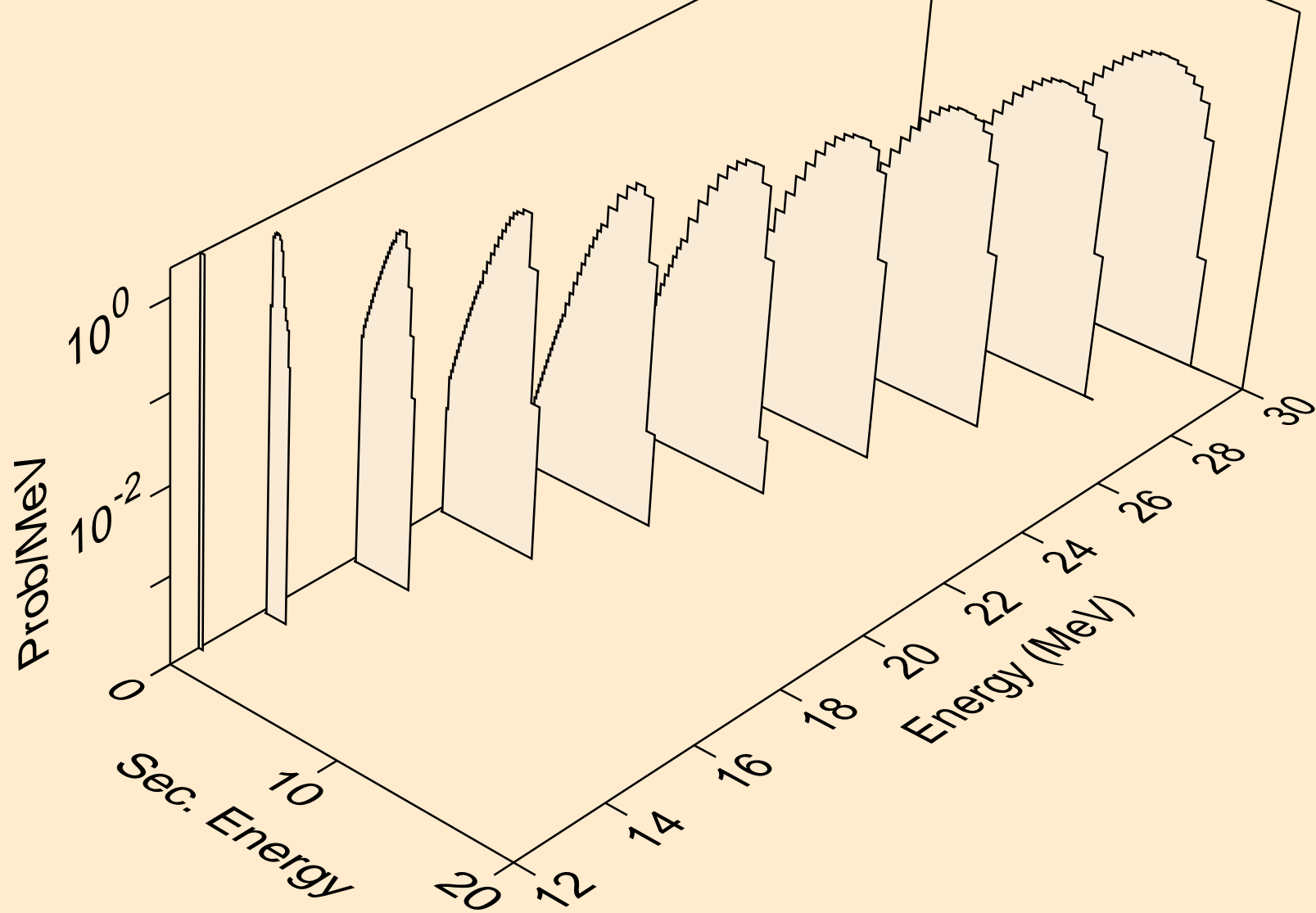
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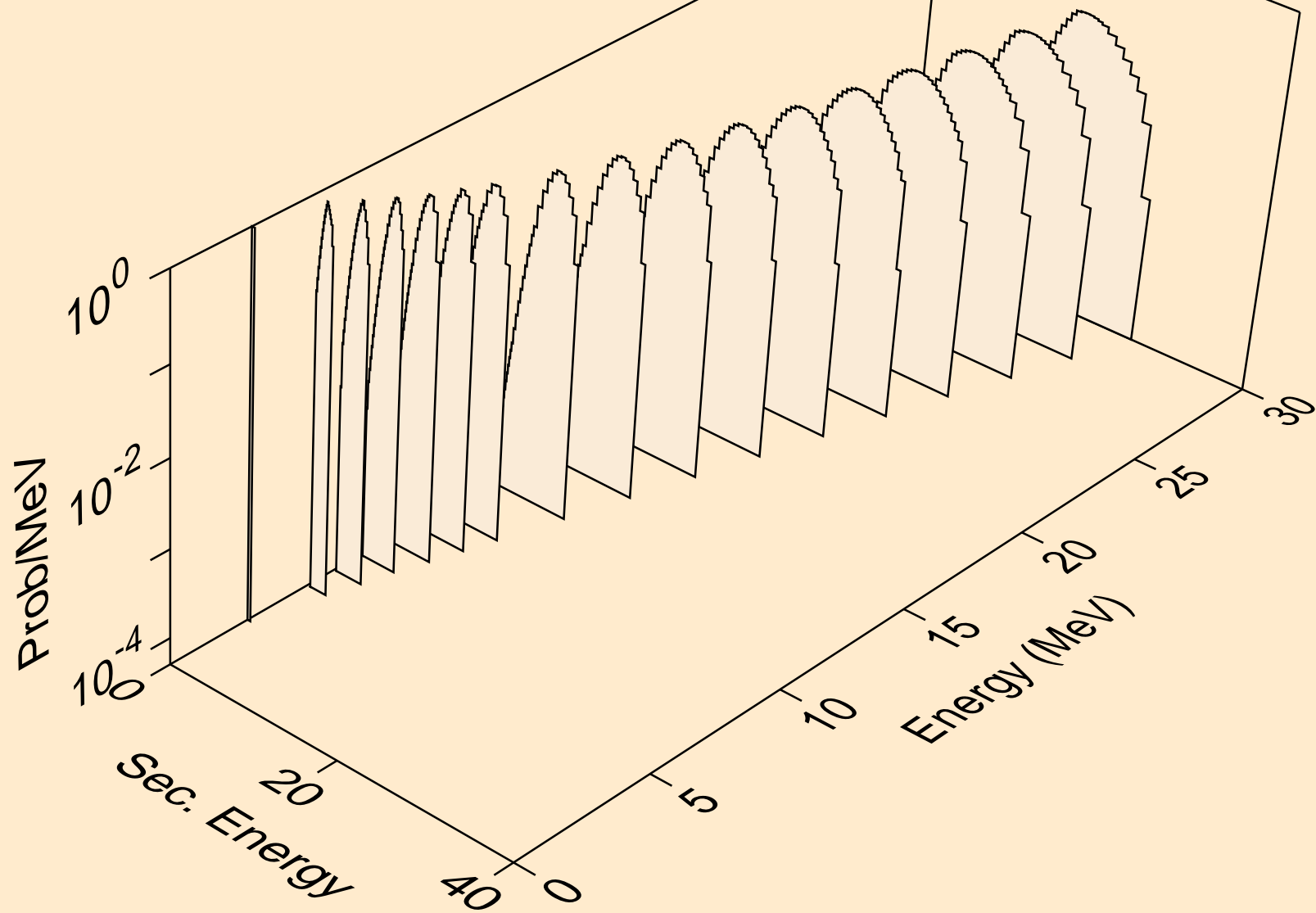
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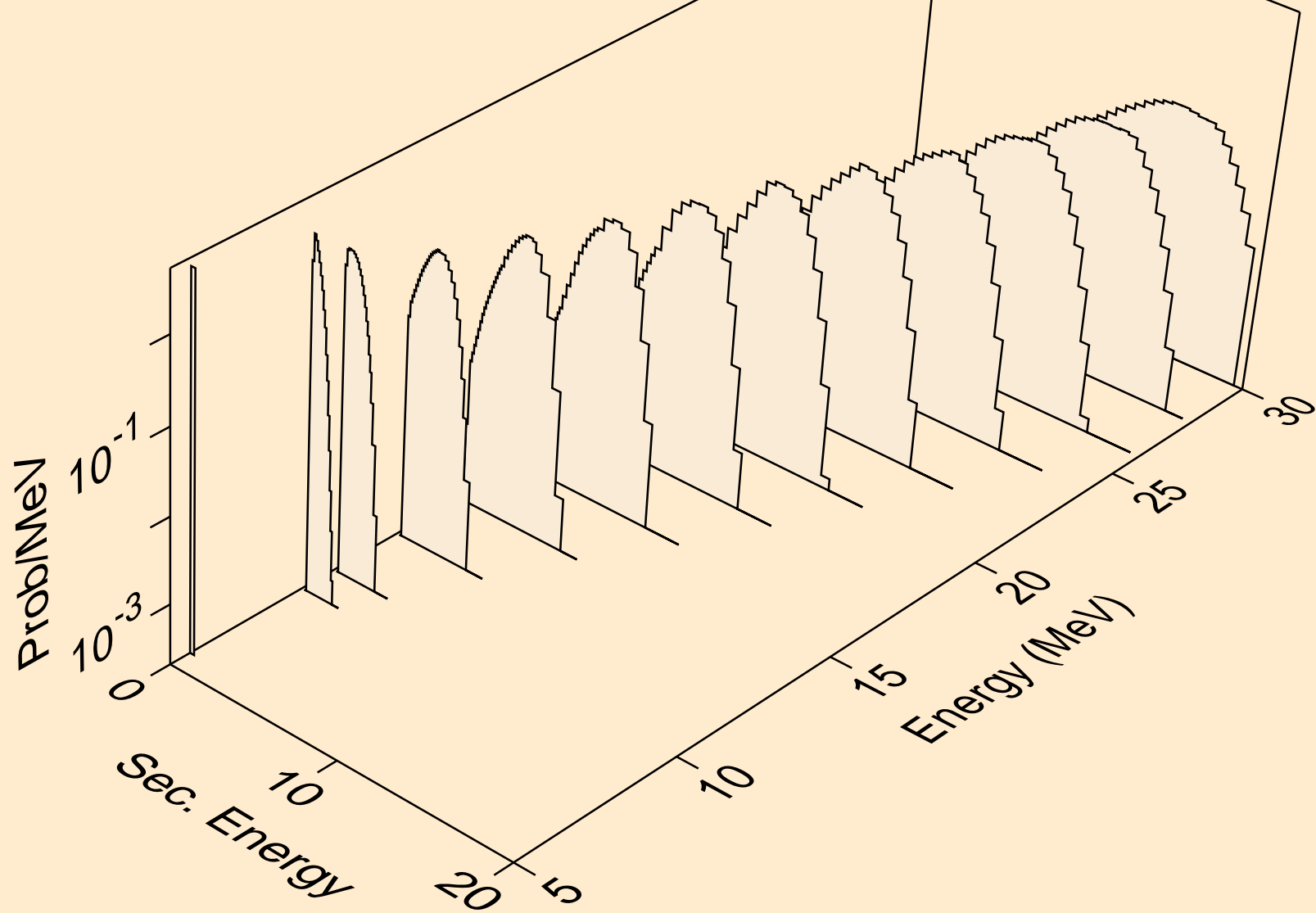
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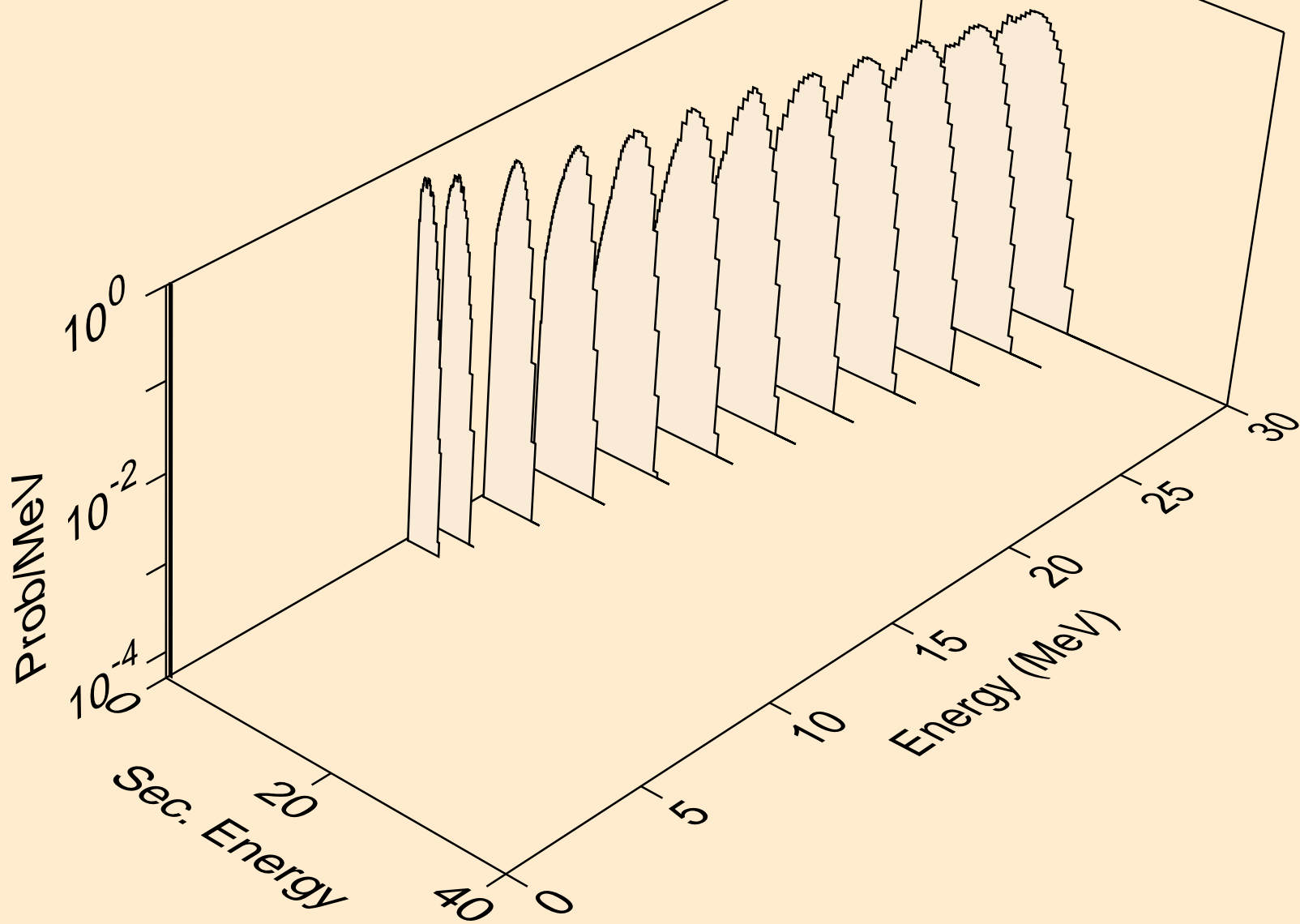
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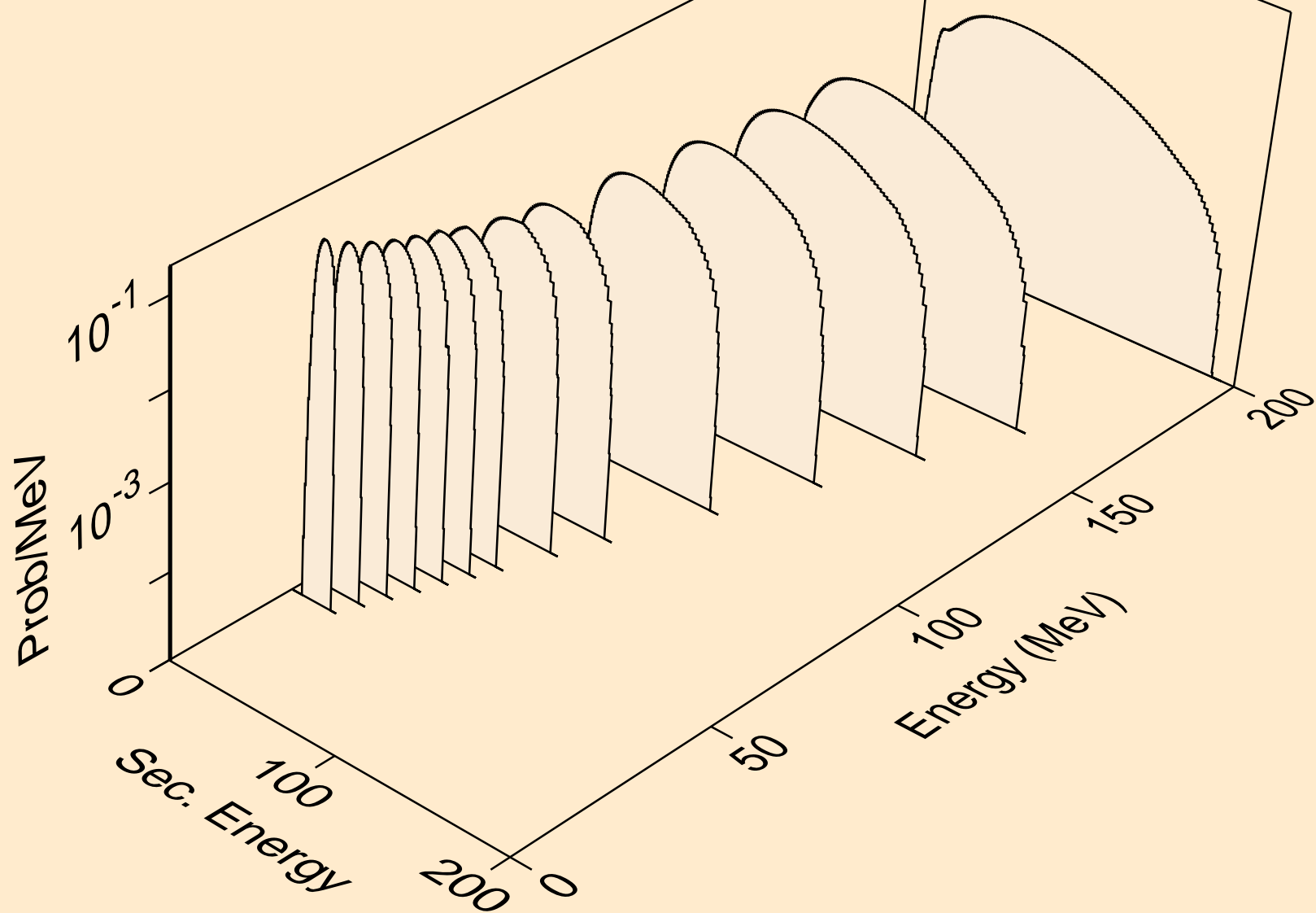
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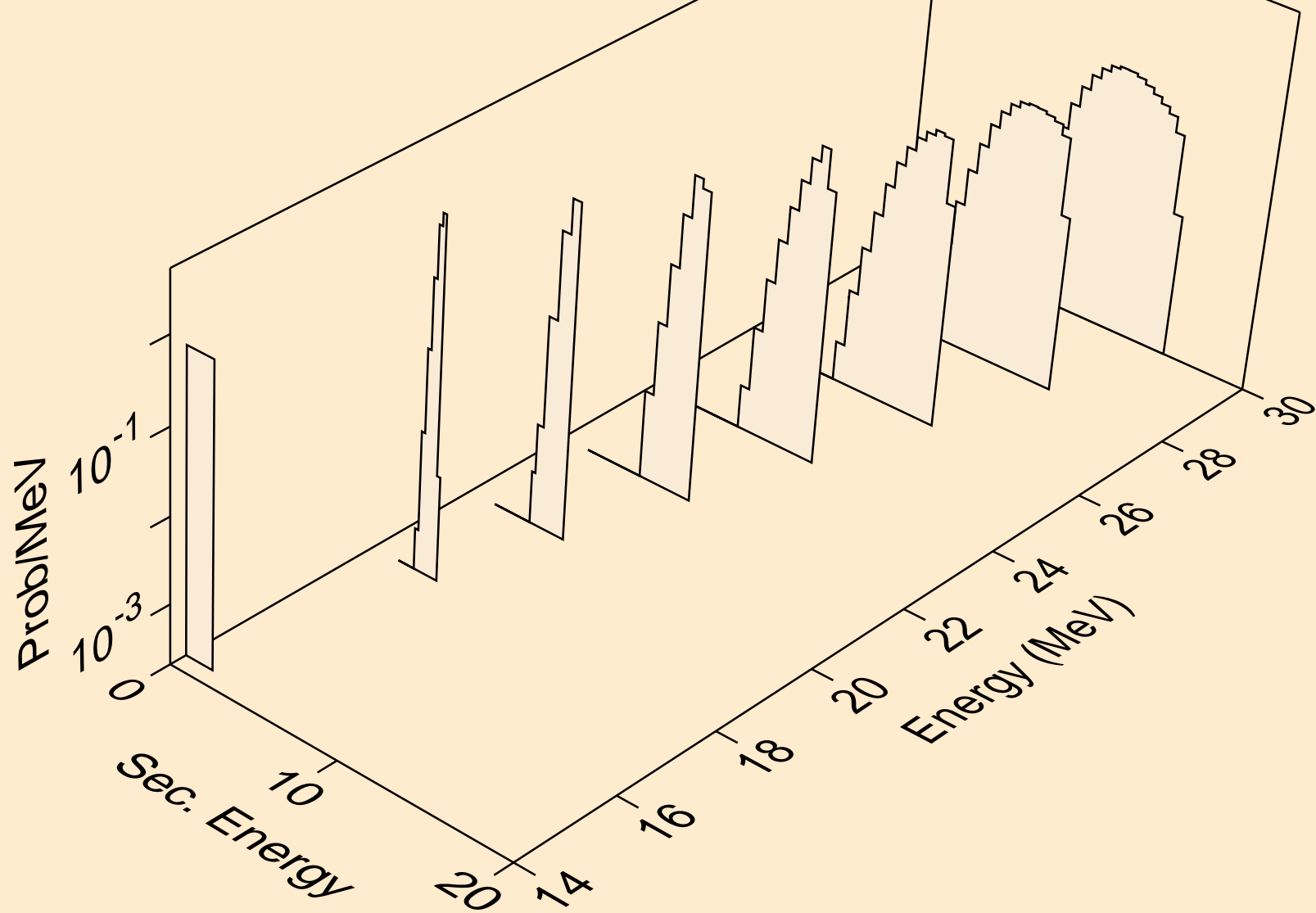
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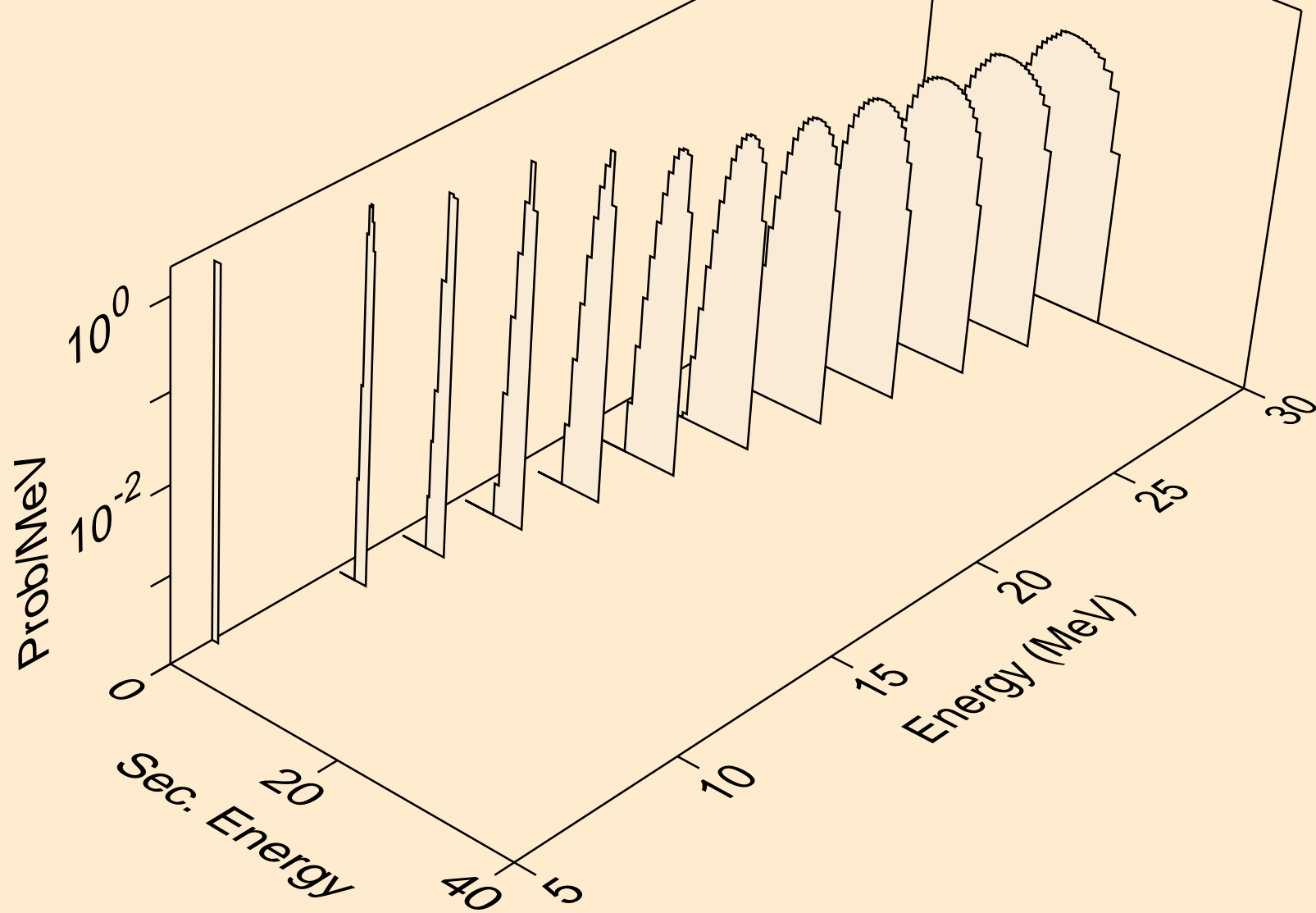
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tritons from (s,x)



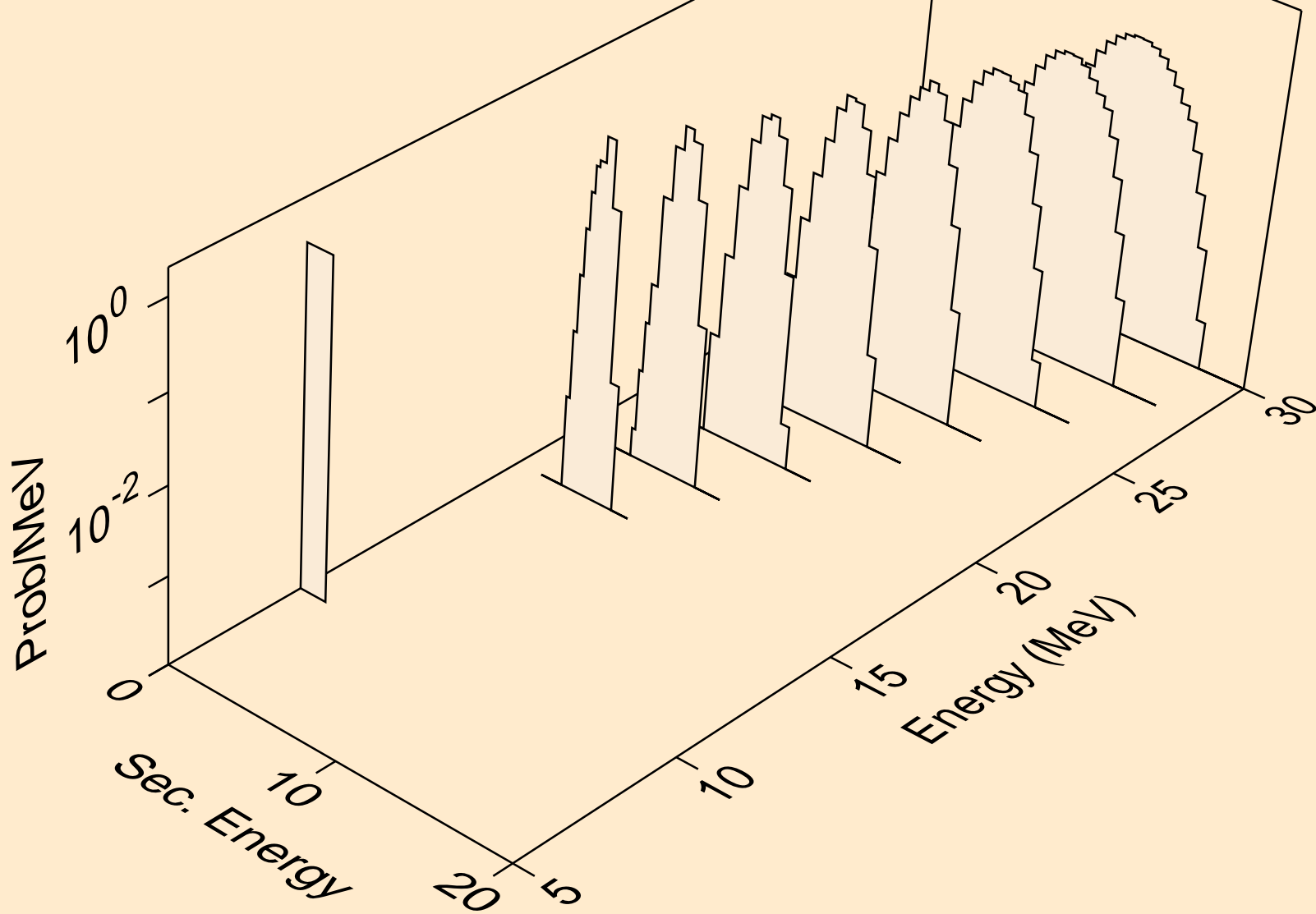
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tritons from (s,n\*)t



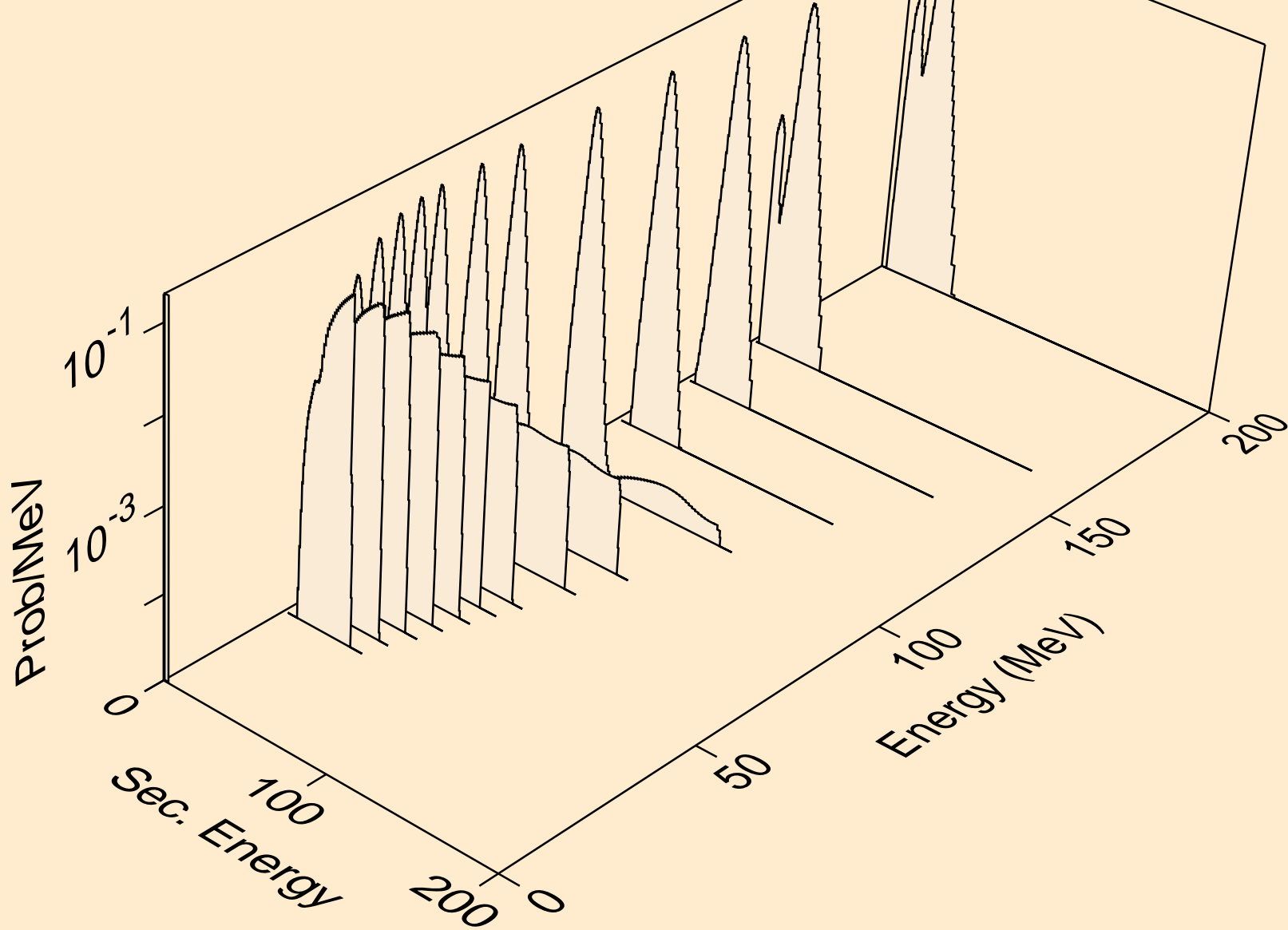
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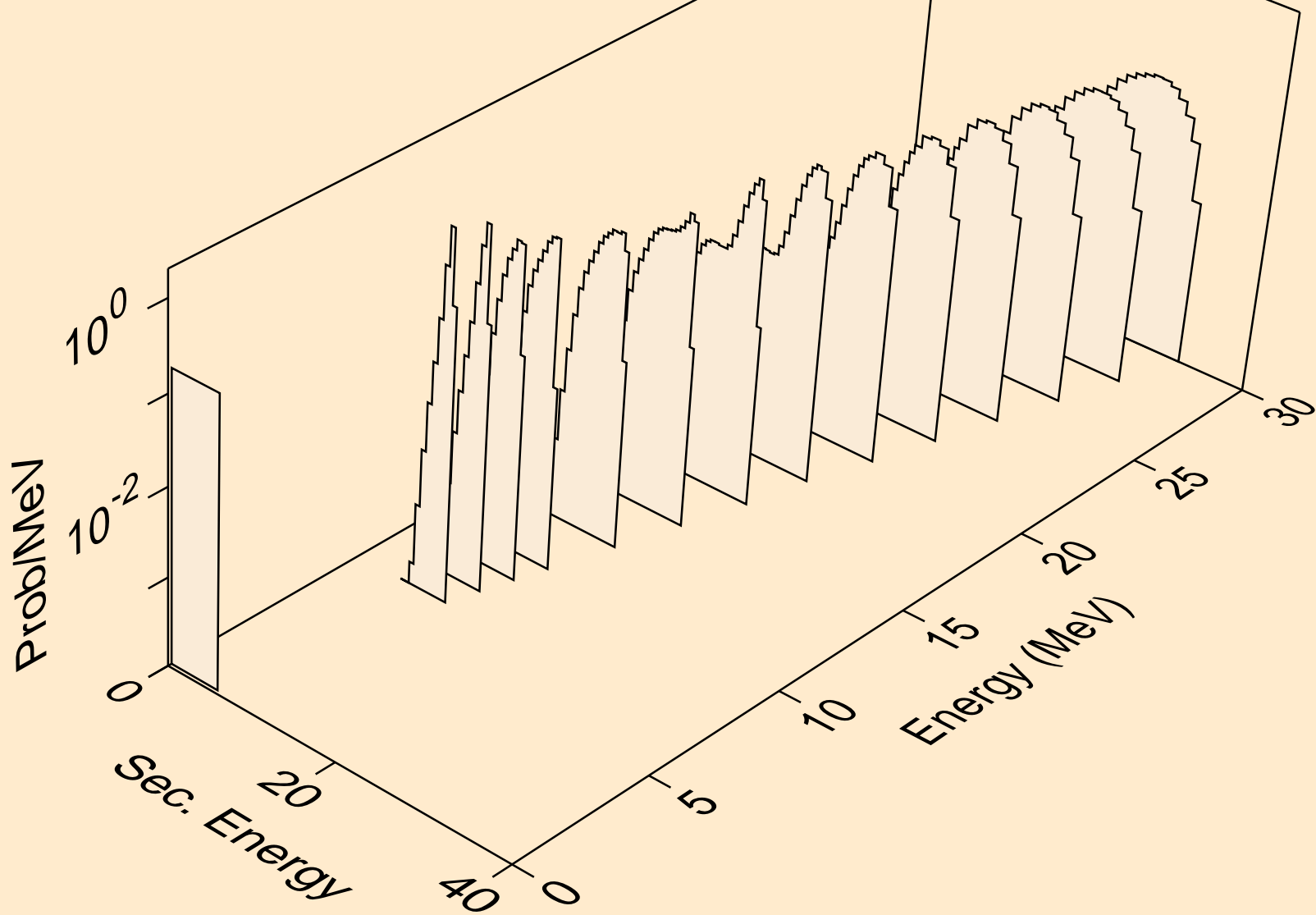
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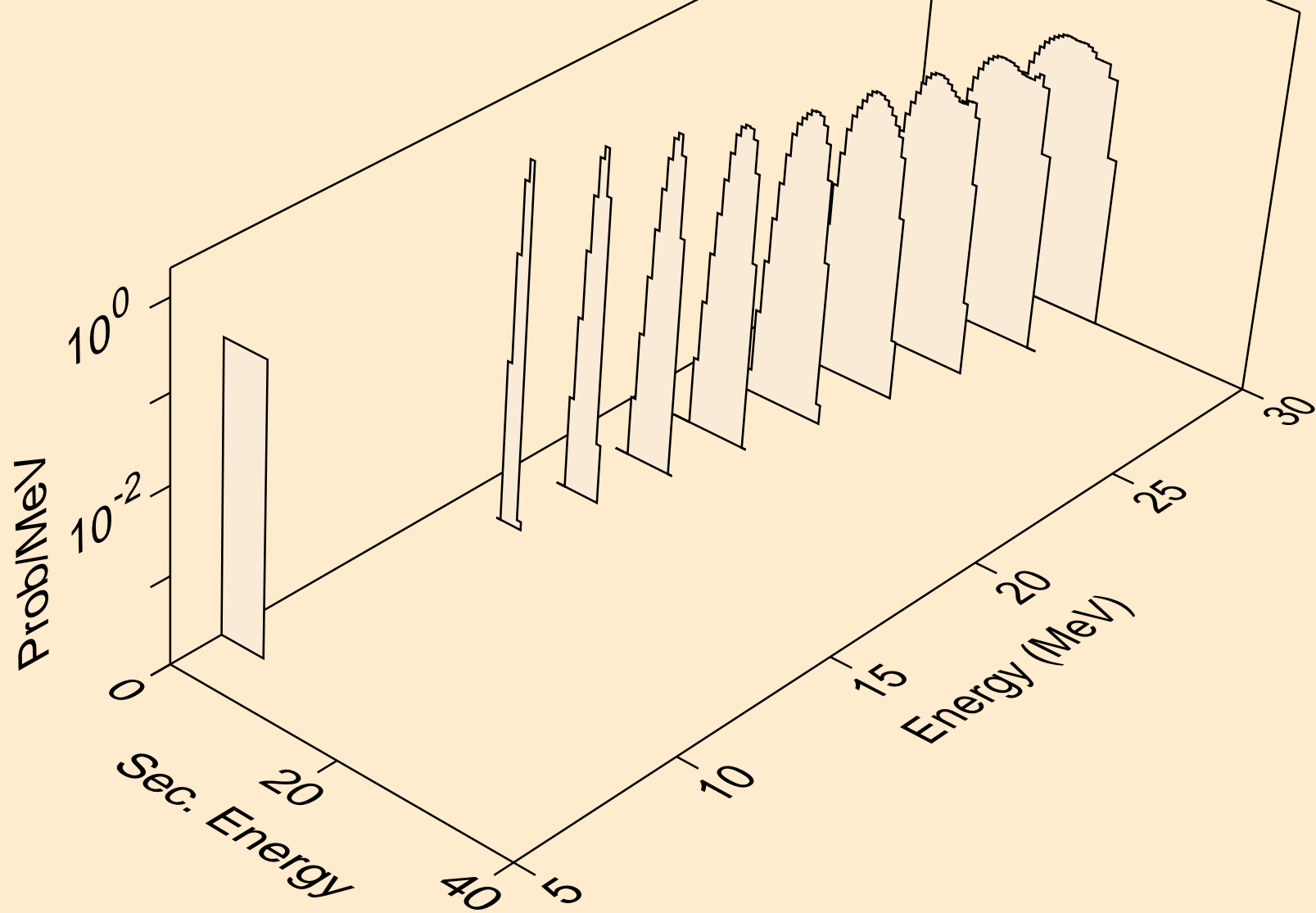
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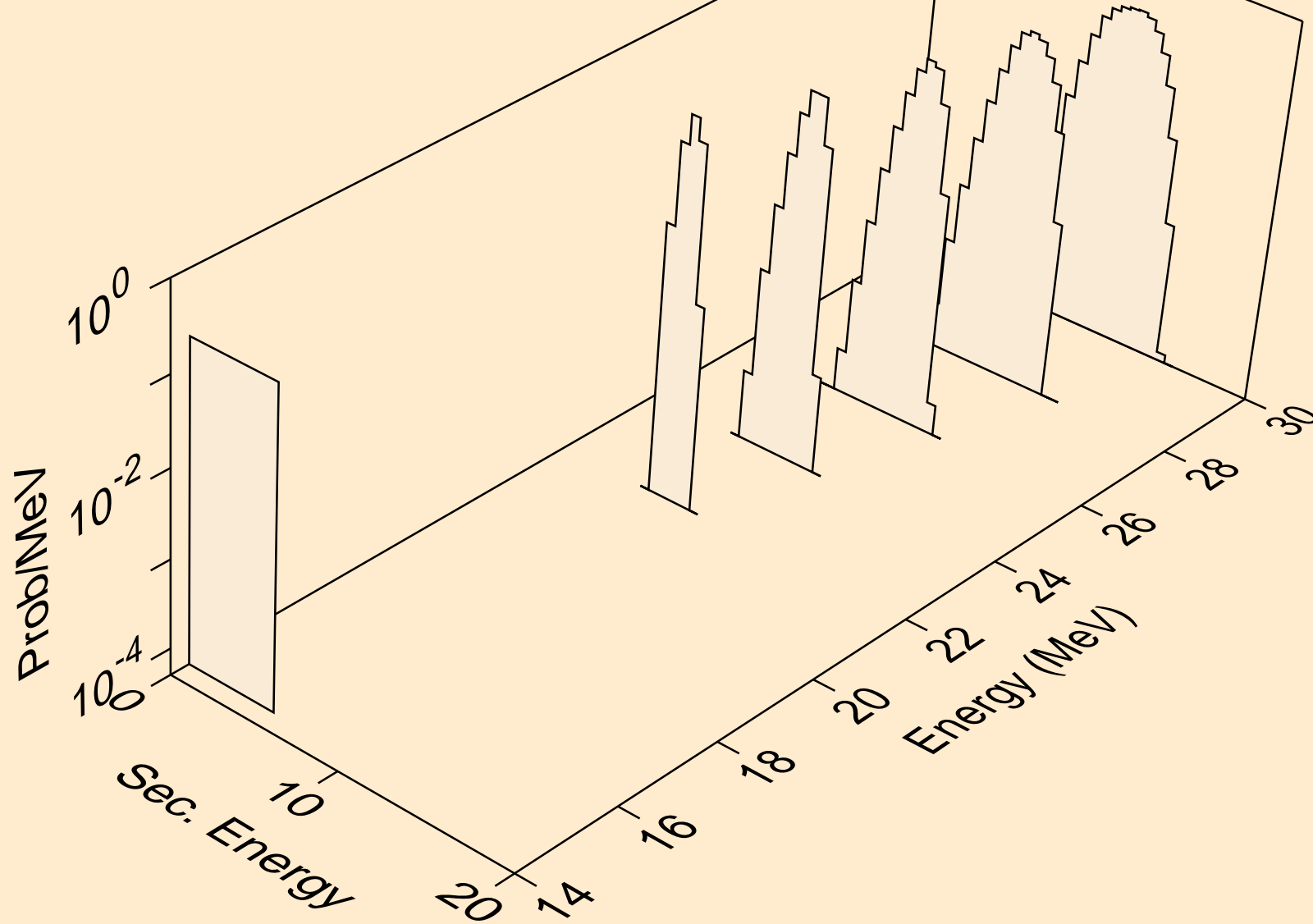
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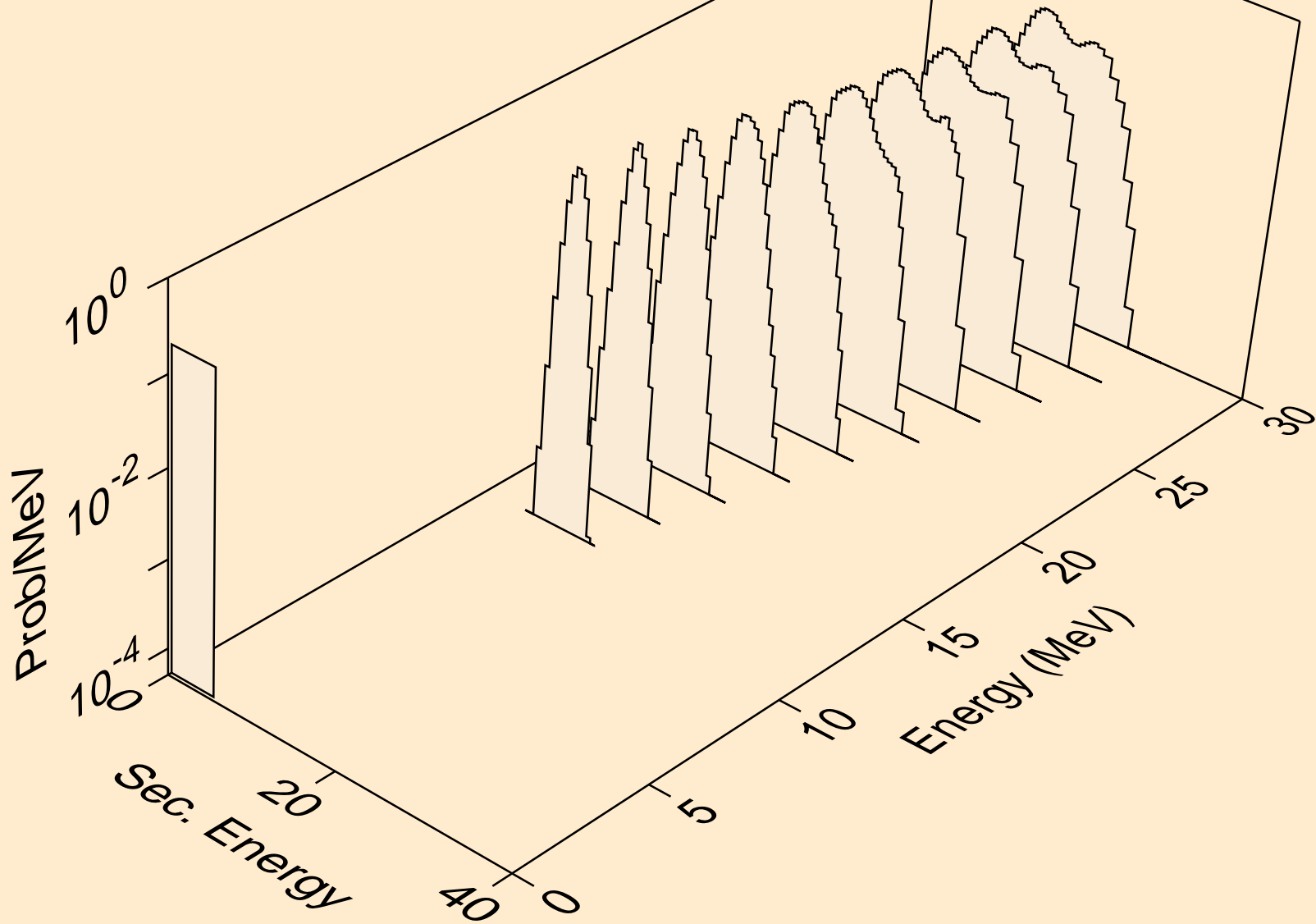
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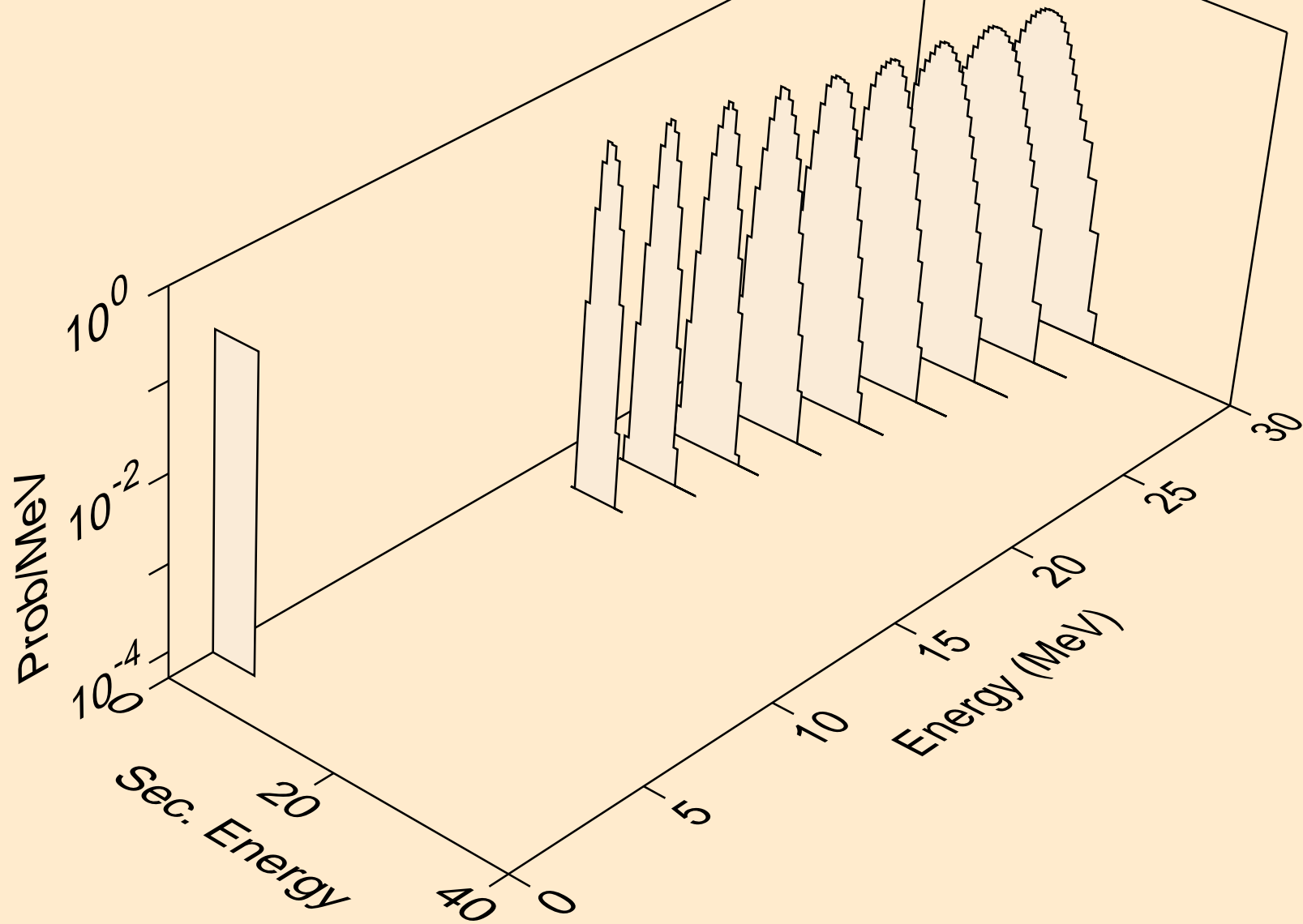
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alphas from (s,3n)a



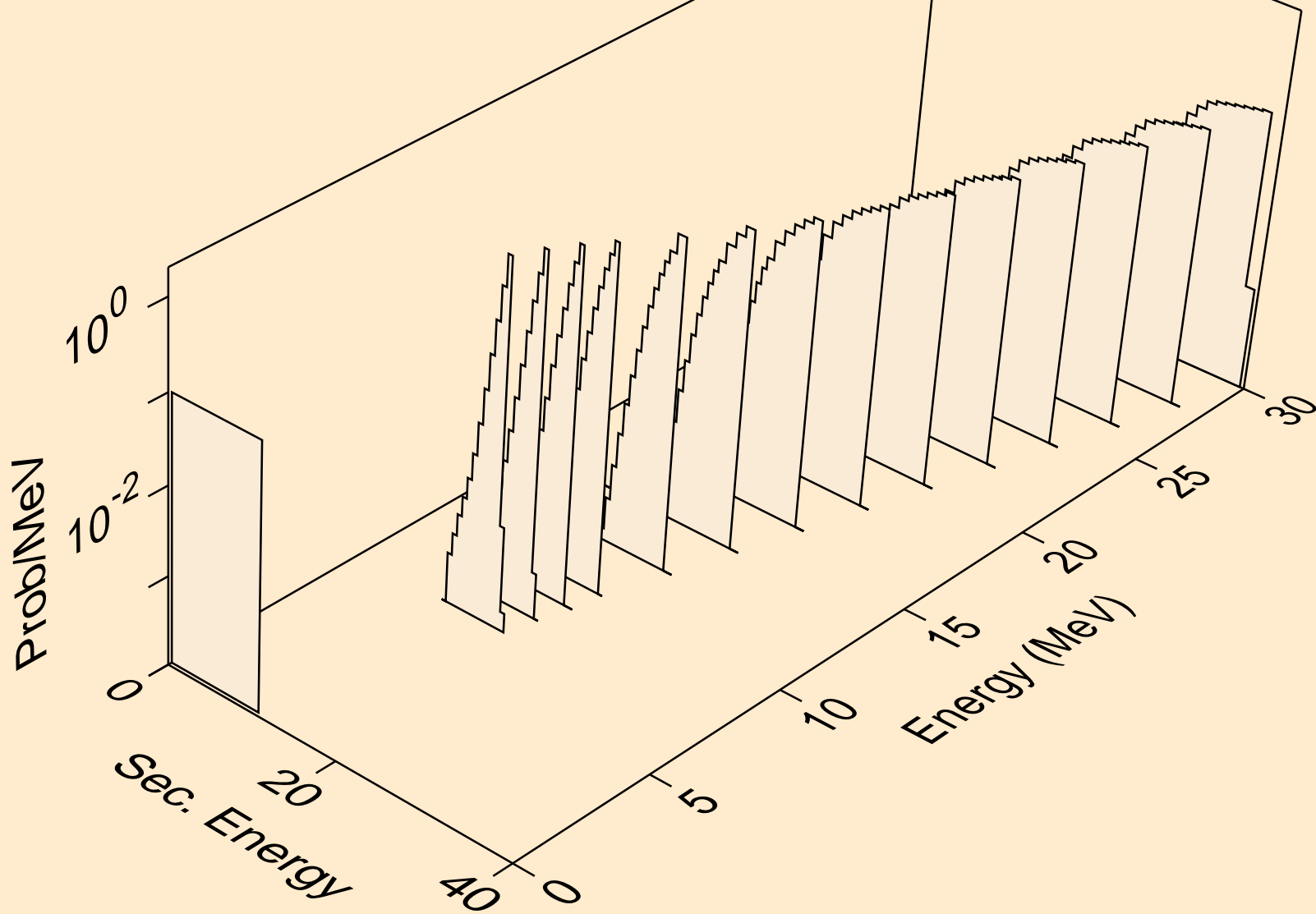
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alphas from (s,n\*)2a



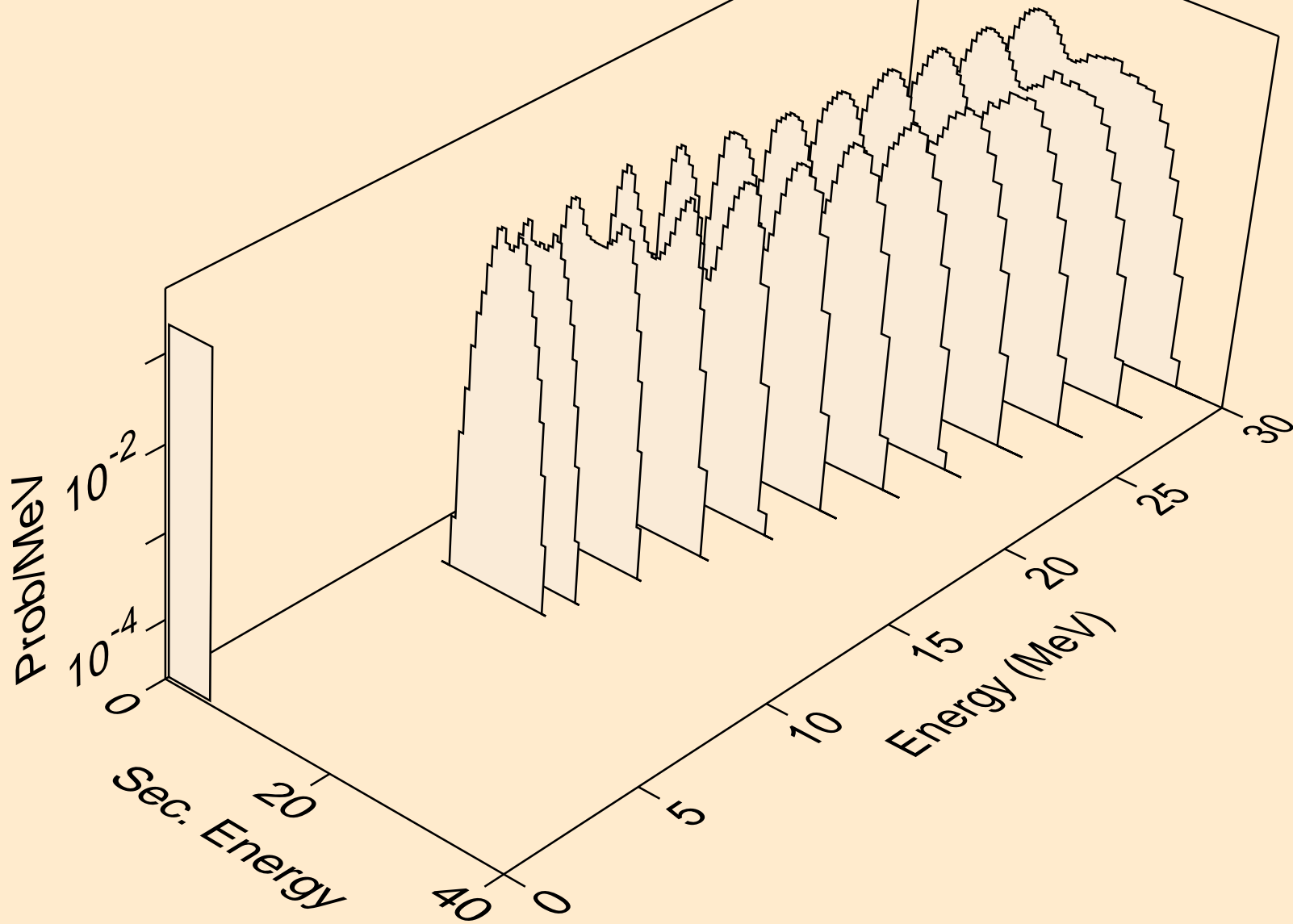
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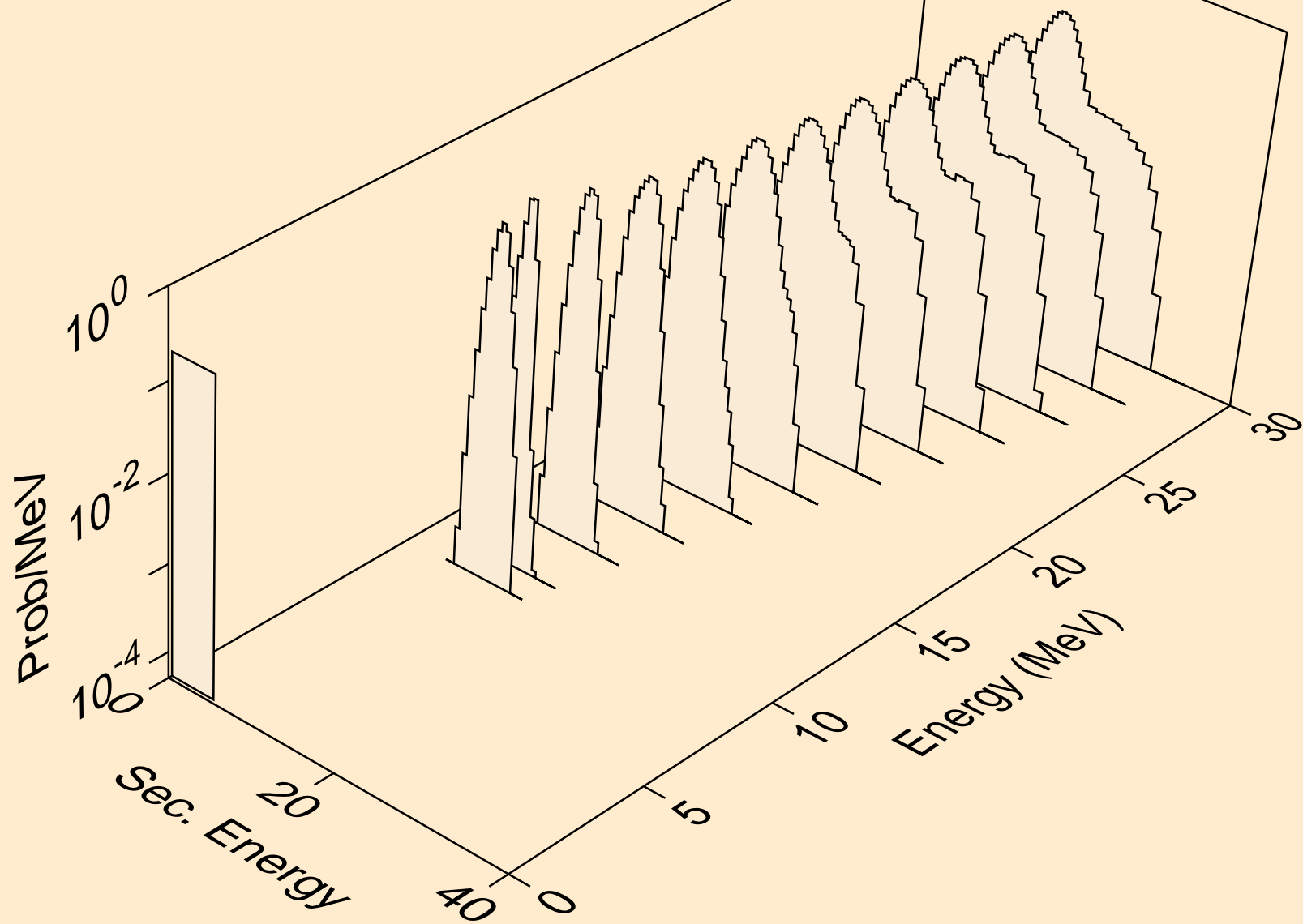
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alphas from (s,a)



HF170 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2a)



HF170 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,pa)



HF170 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,da)

