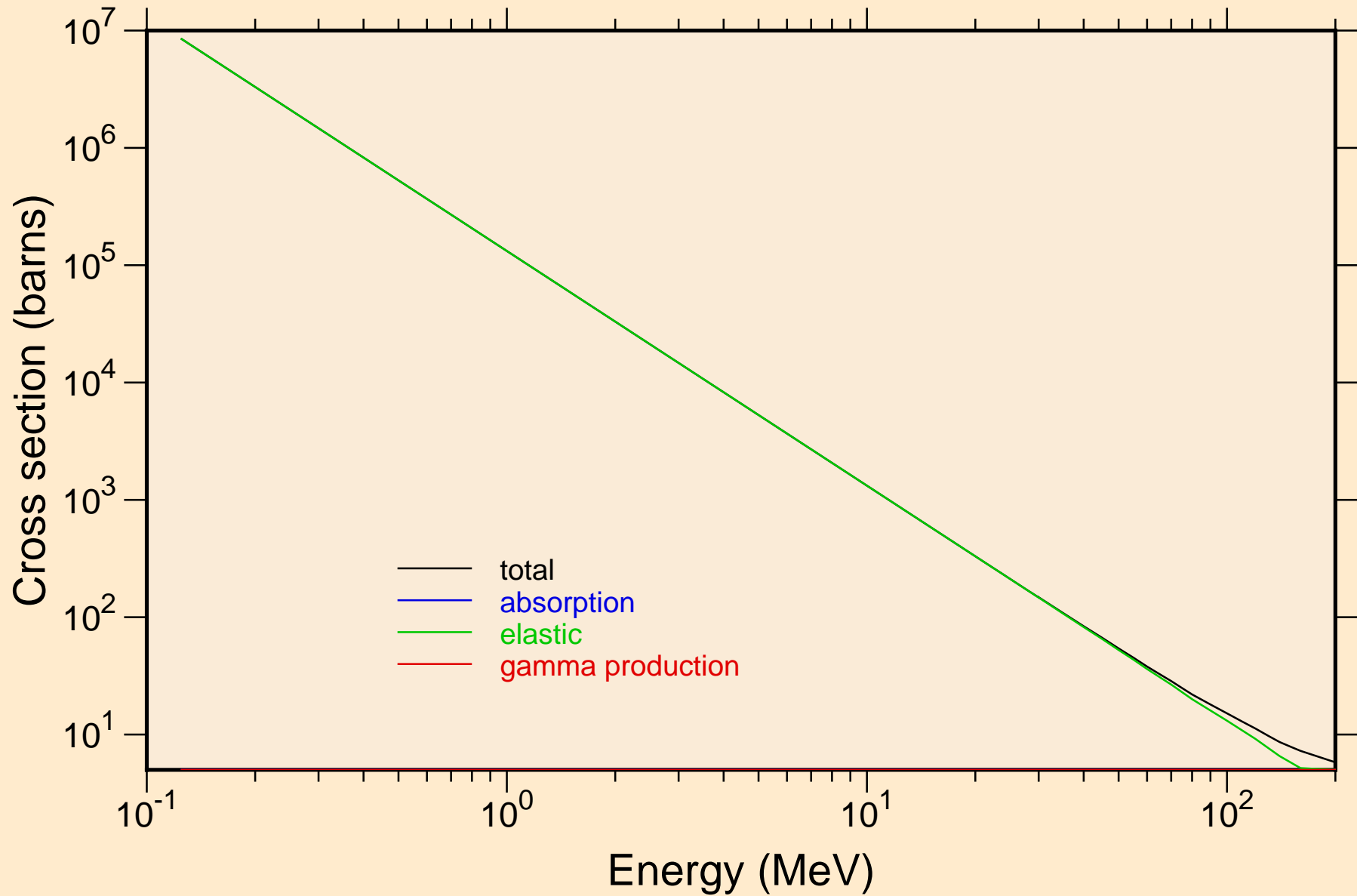


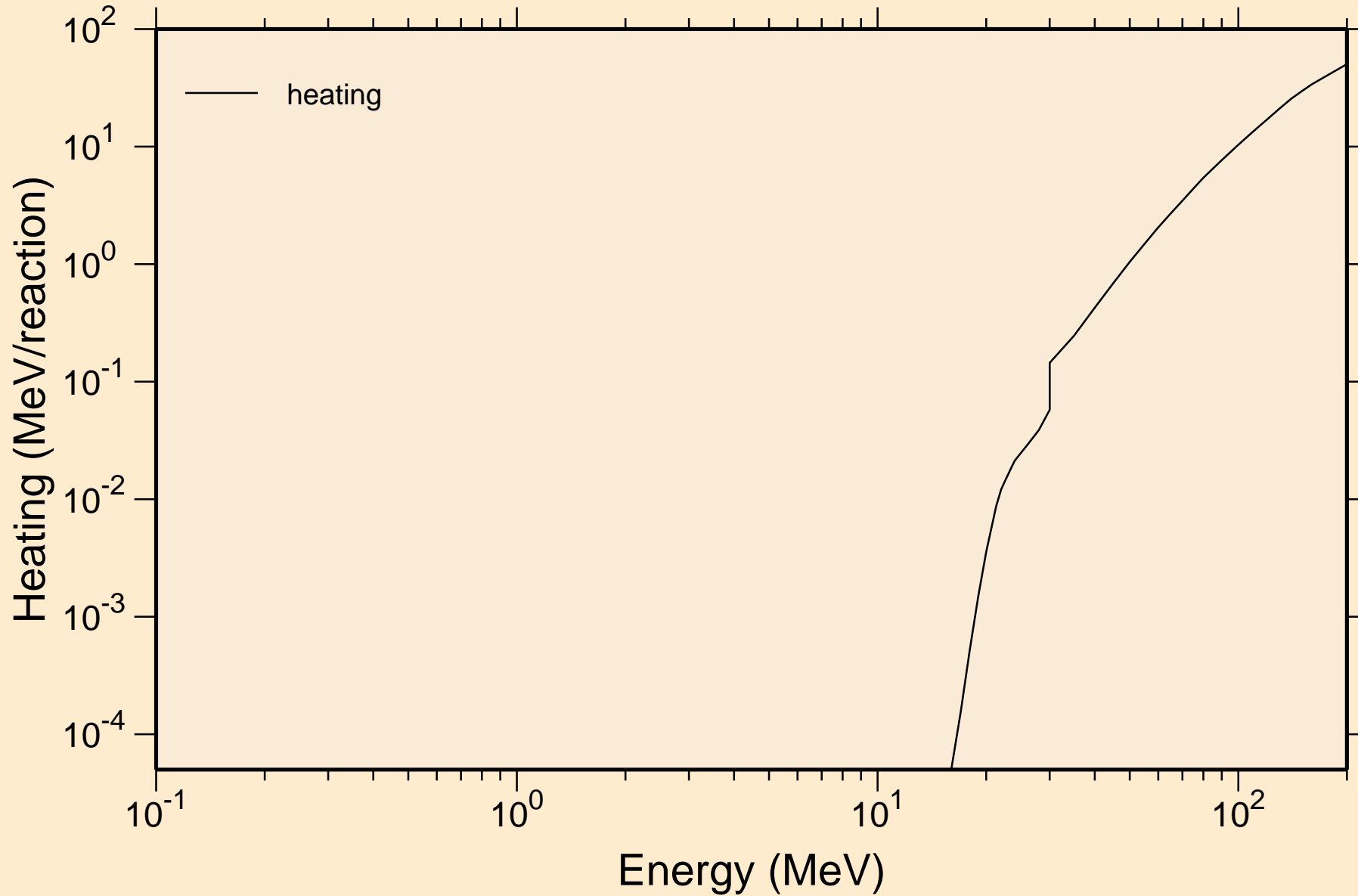
# HF154 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



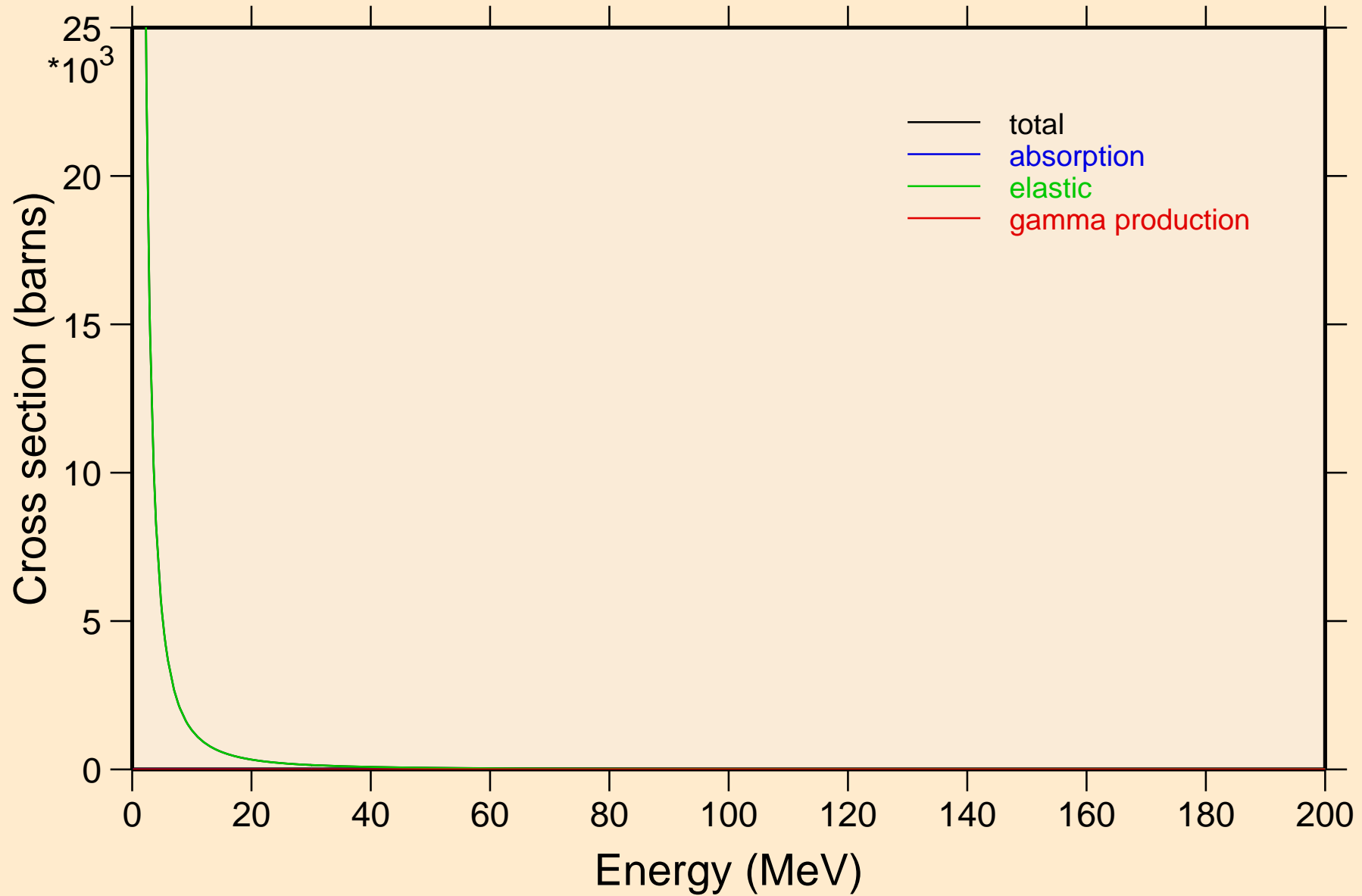
# HF154 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Heating



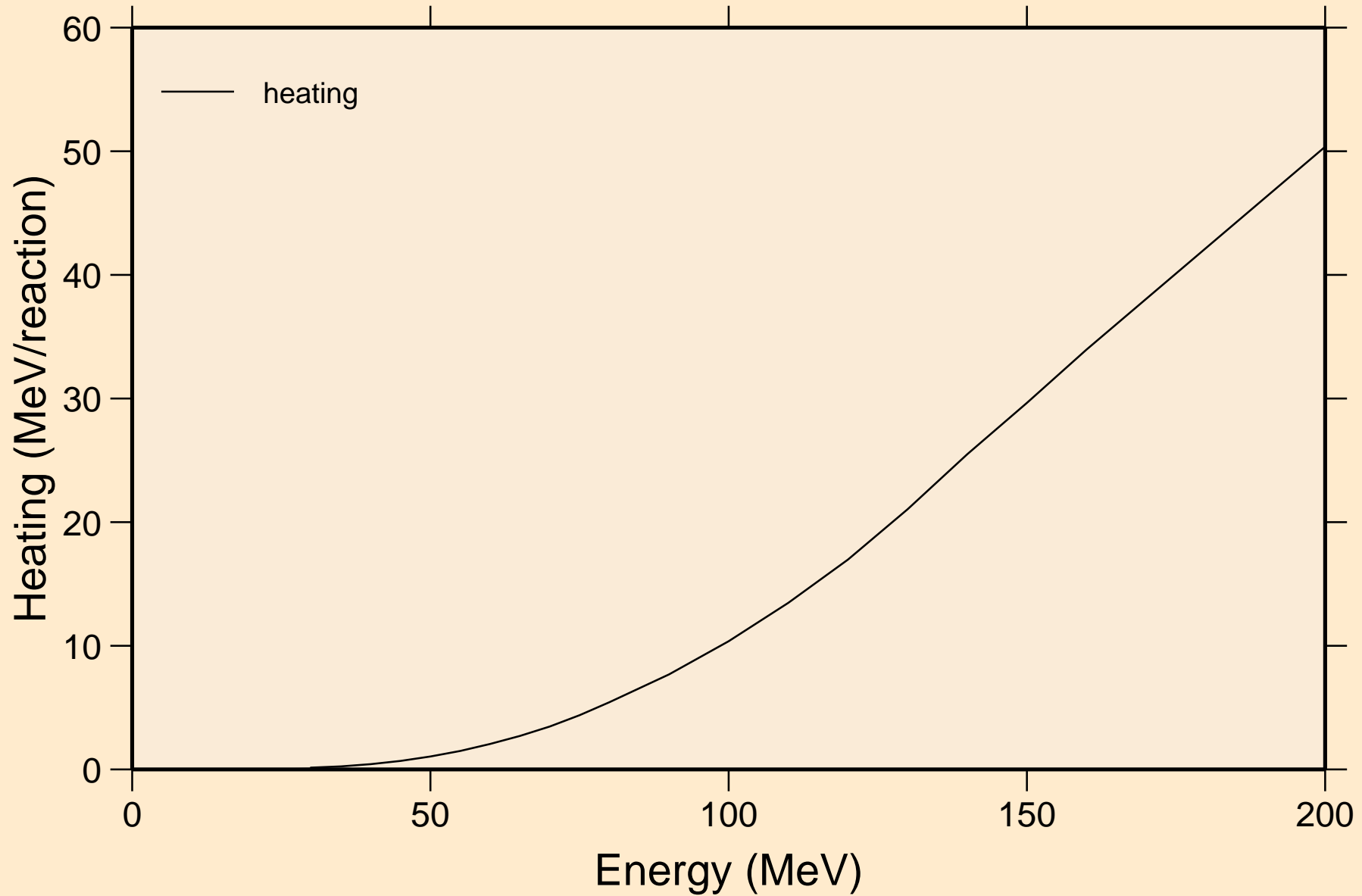
# HF154 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



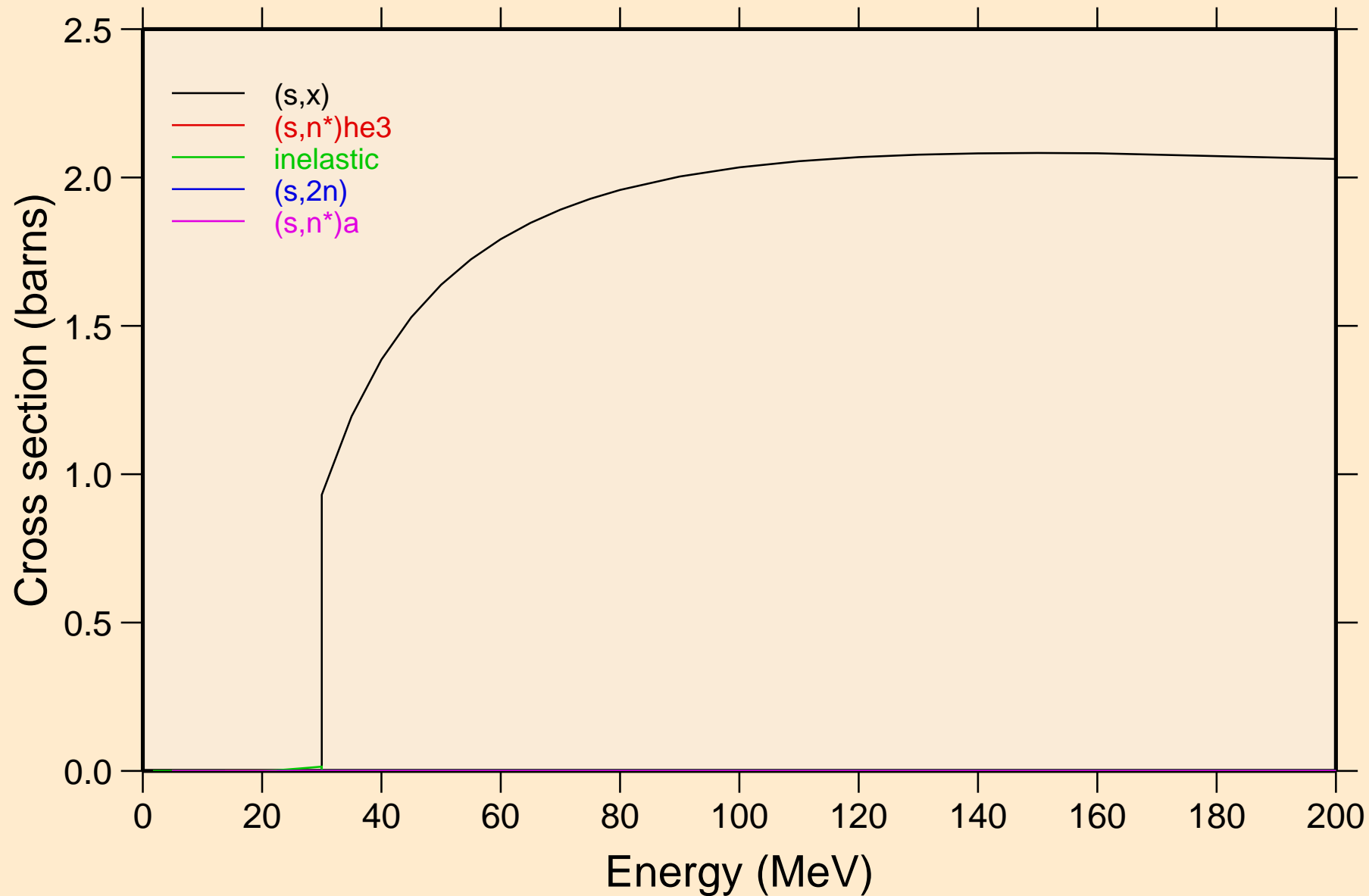
HF154 HELION ACER TENDL-2024 LIBRARY; T=0.K

Heating



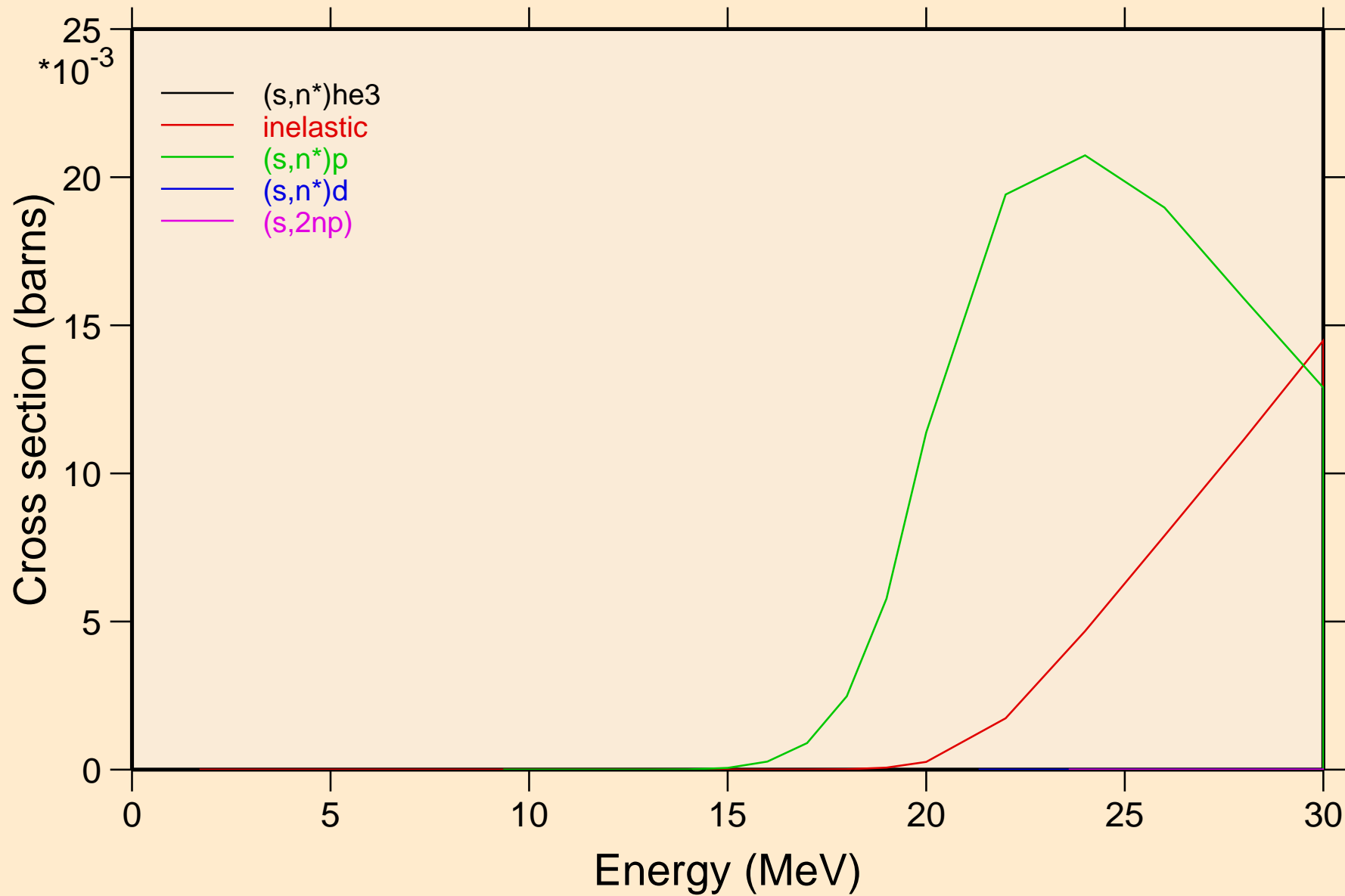
# HF154 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

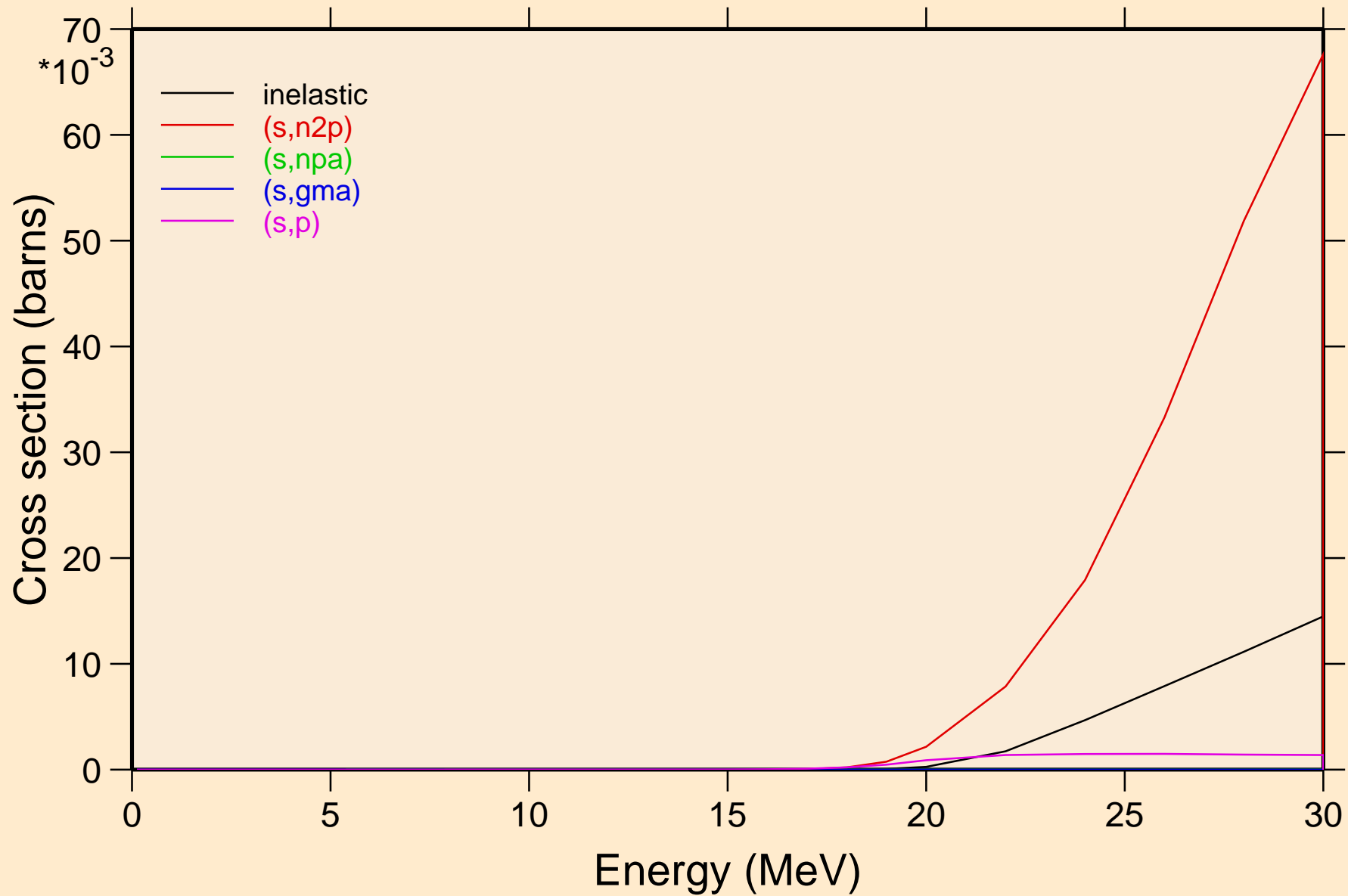


# HF154 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

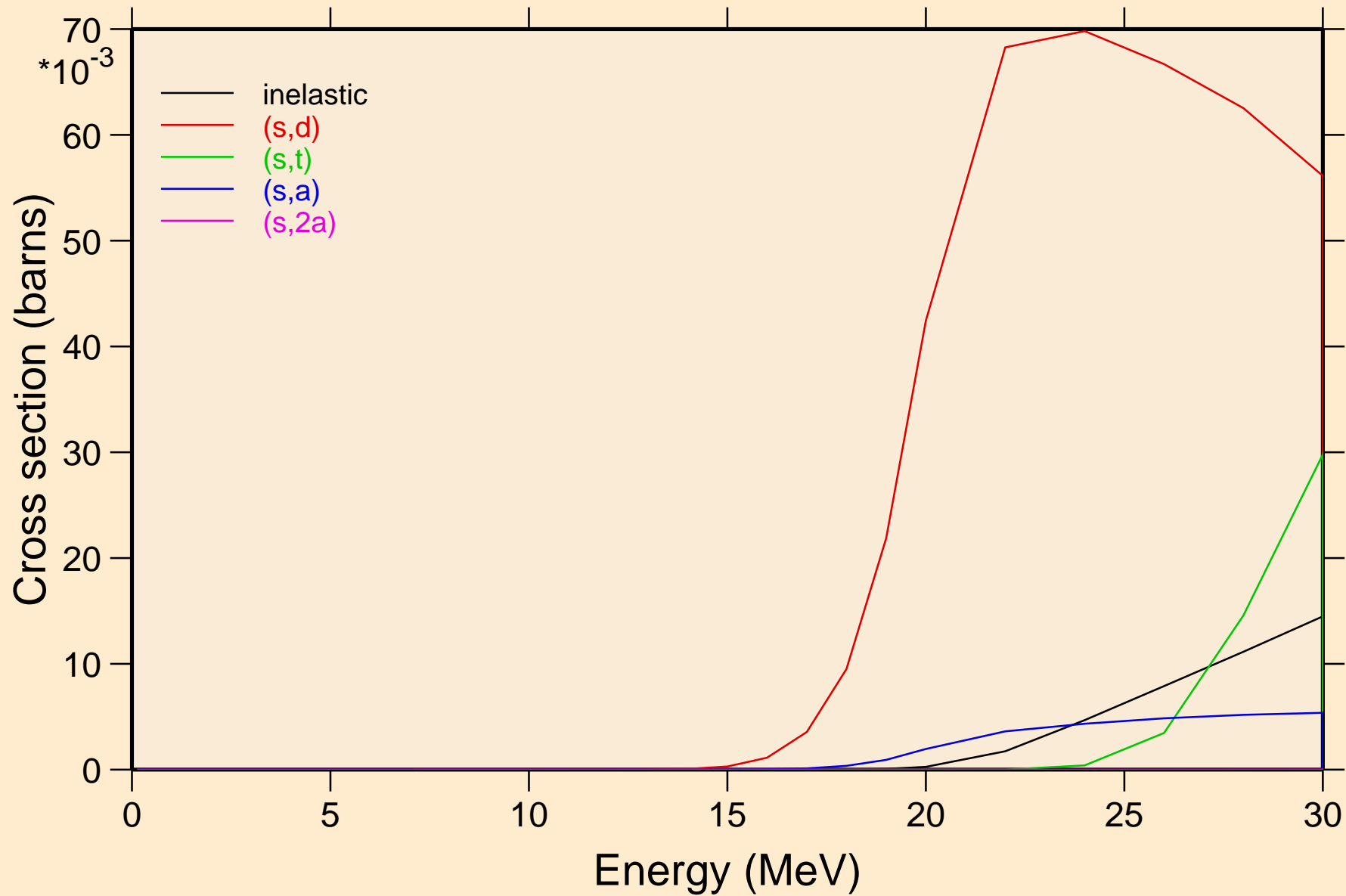


HF154 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

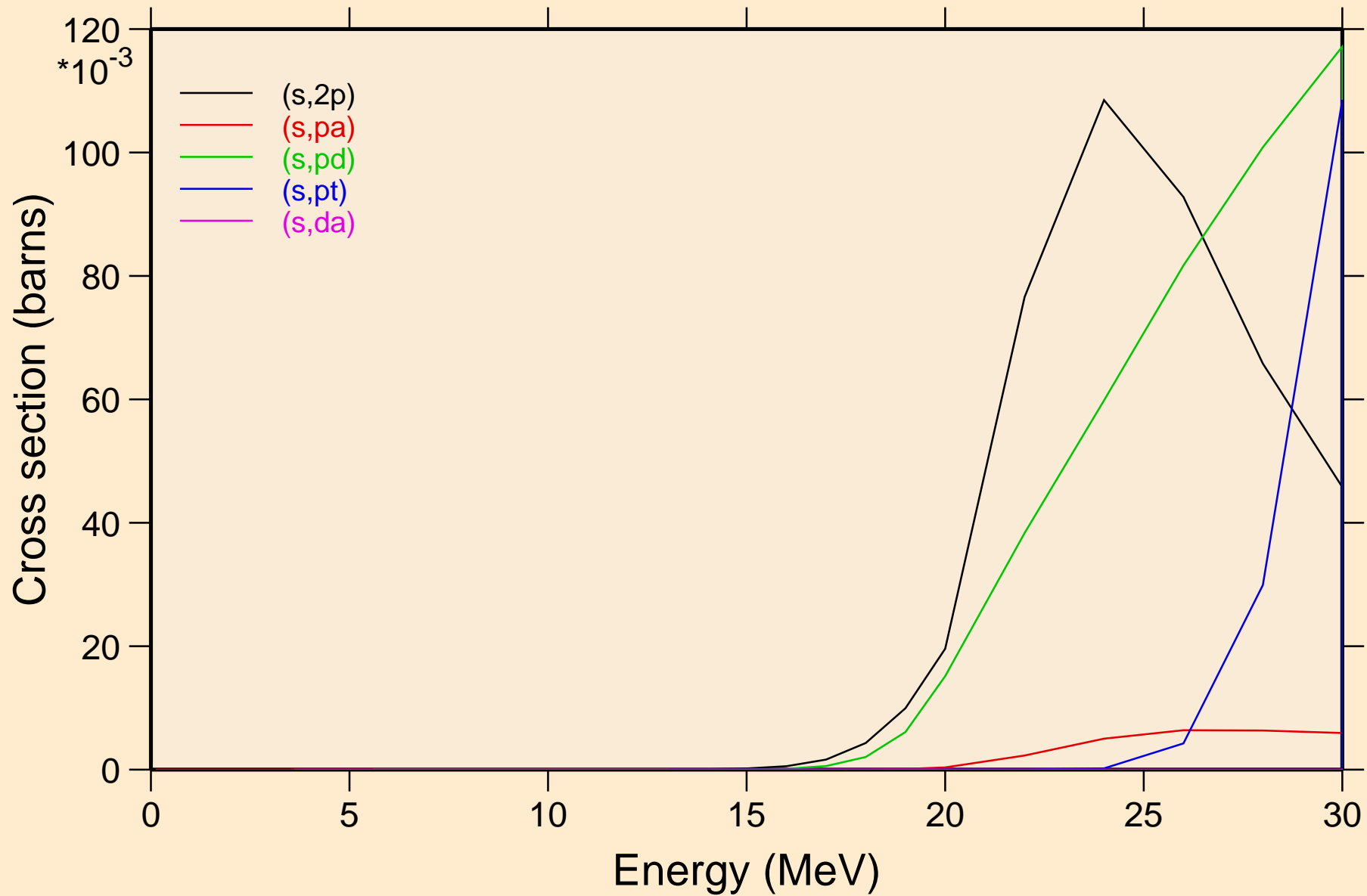


# HF154 HELION ACER TENDL-2024 LIBRARY; T=0.K

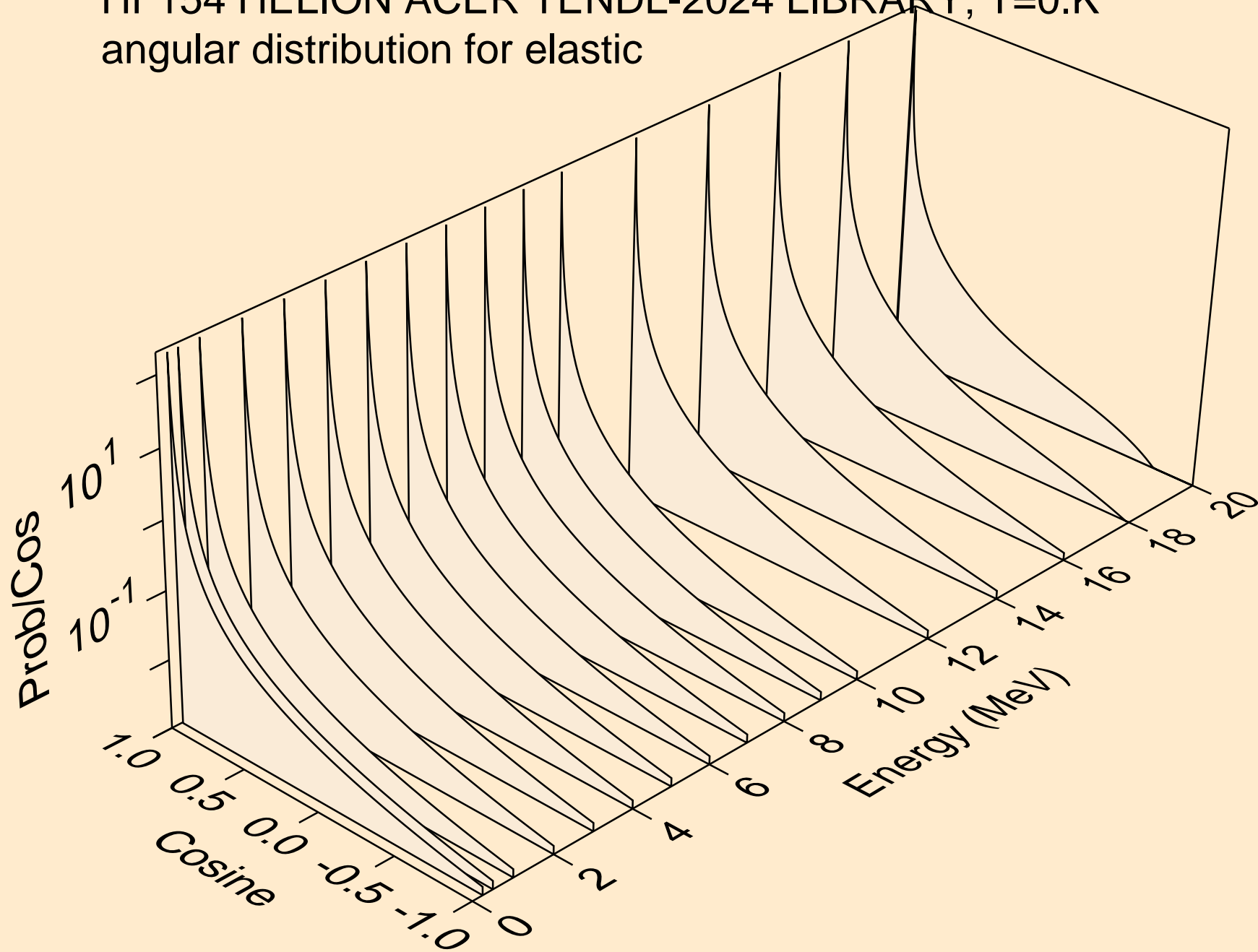
## Threshold reactions



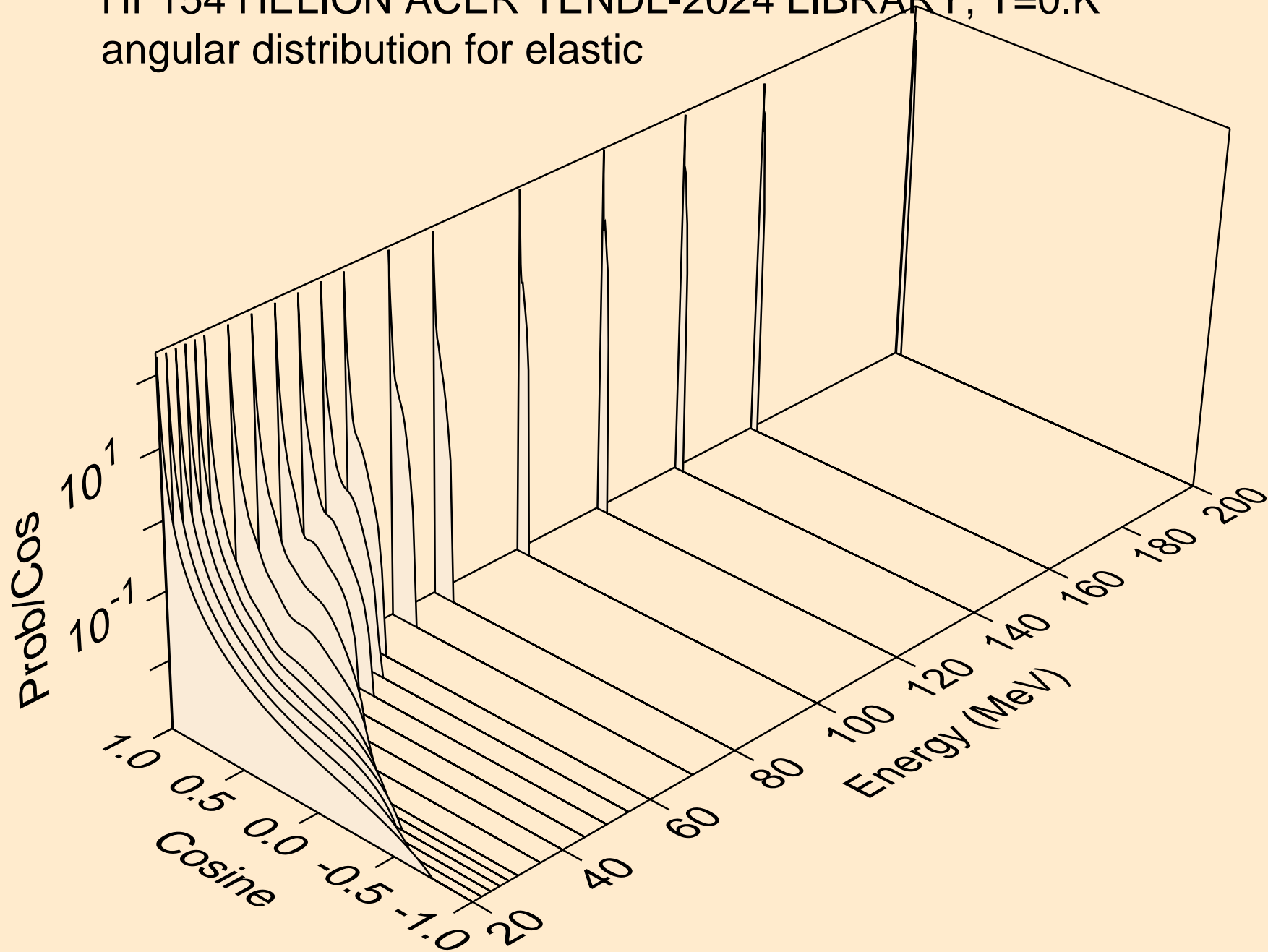
HF154 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



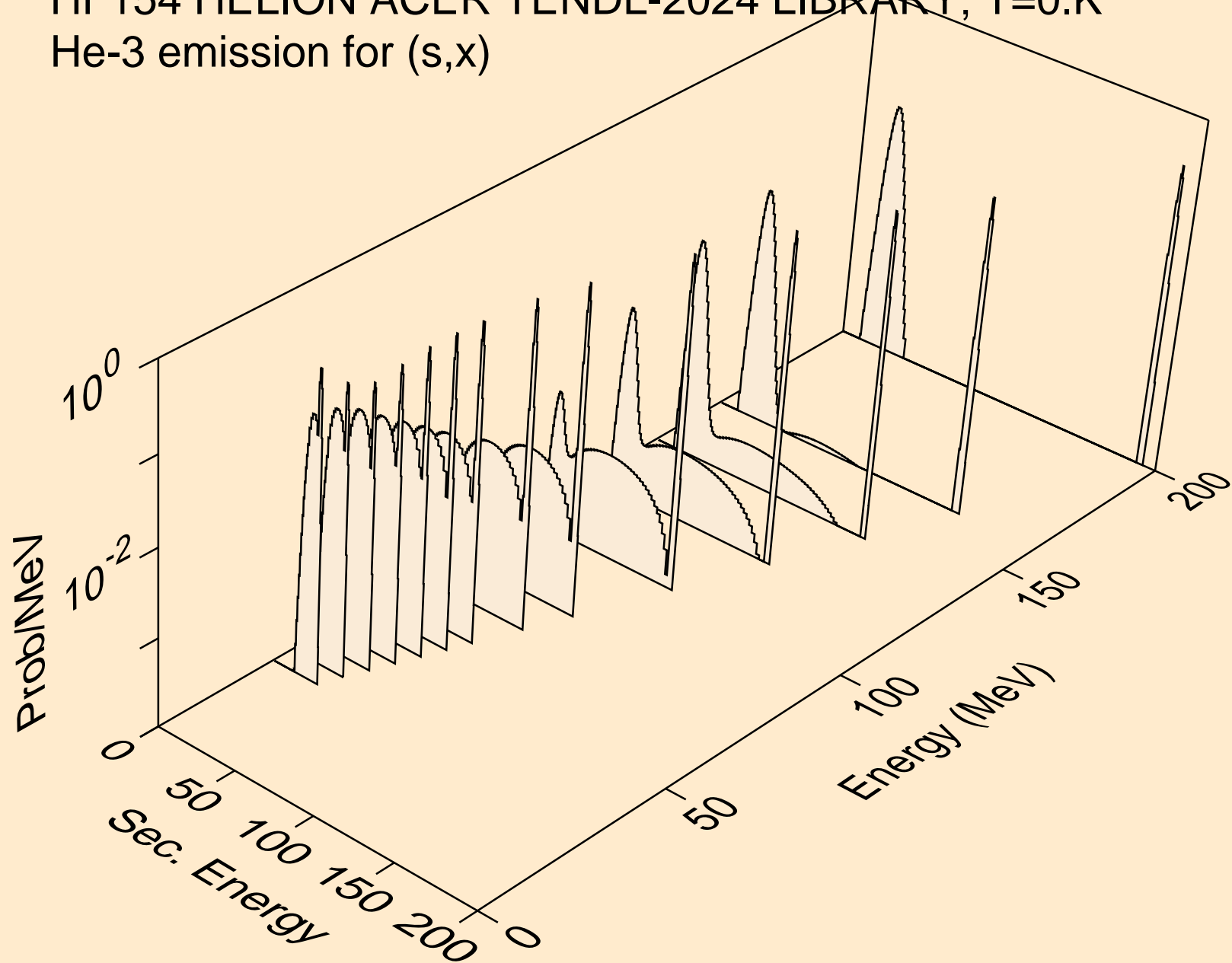
HF154 HELION ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



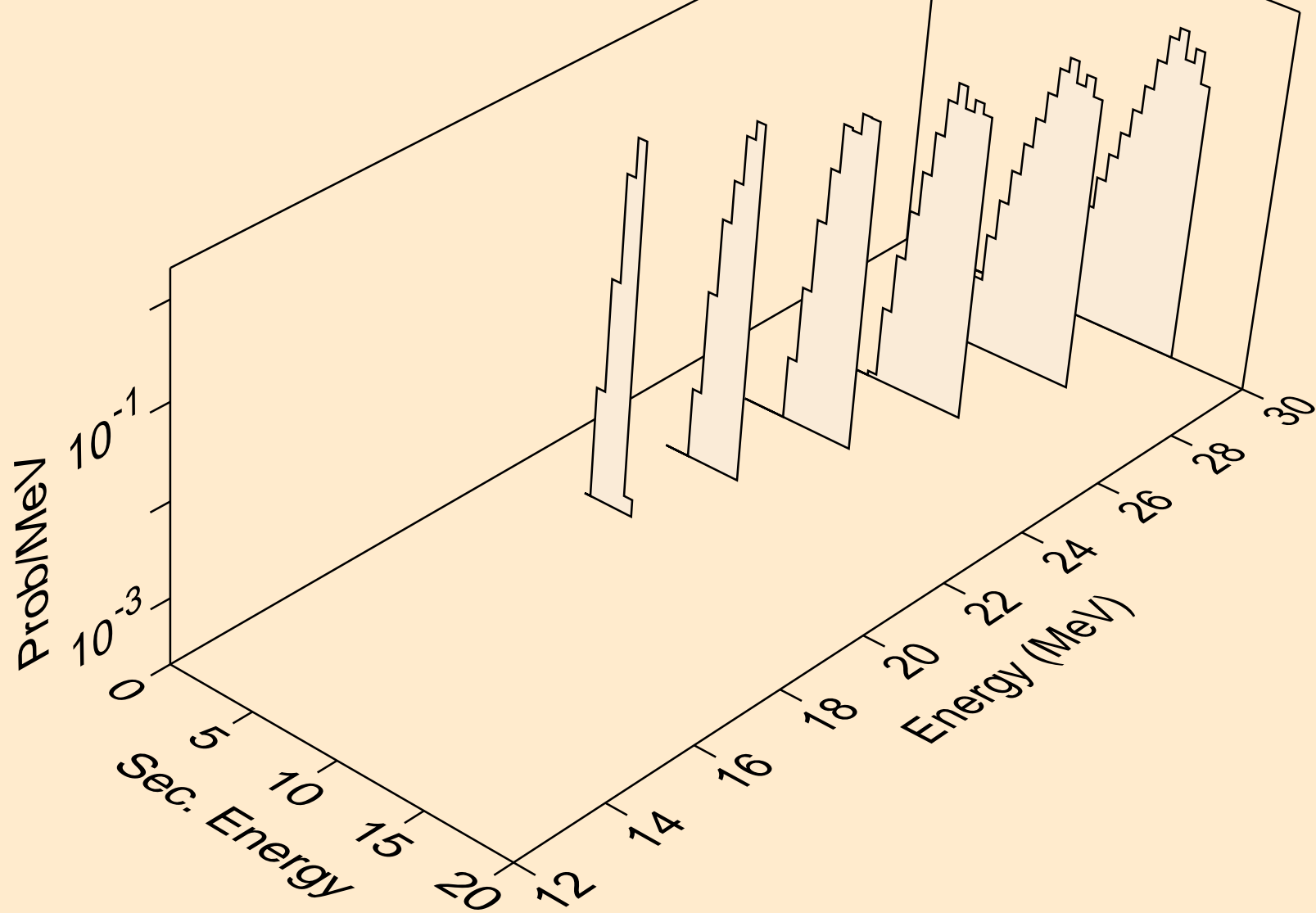
HF154 HELION ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



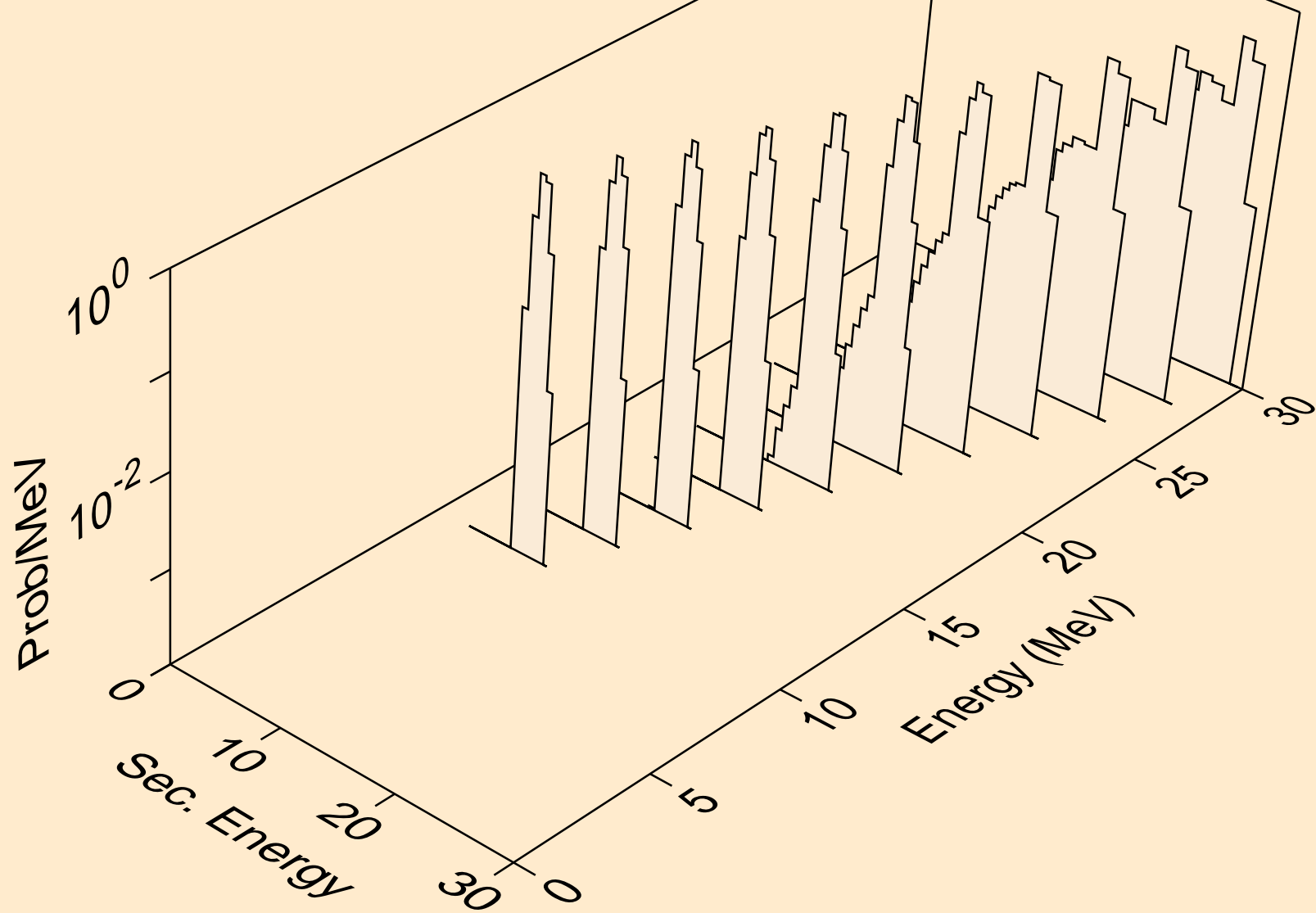
HF154 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for (s,x)



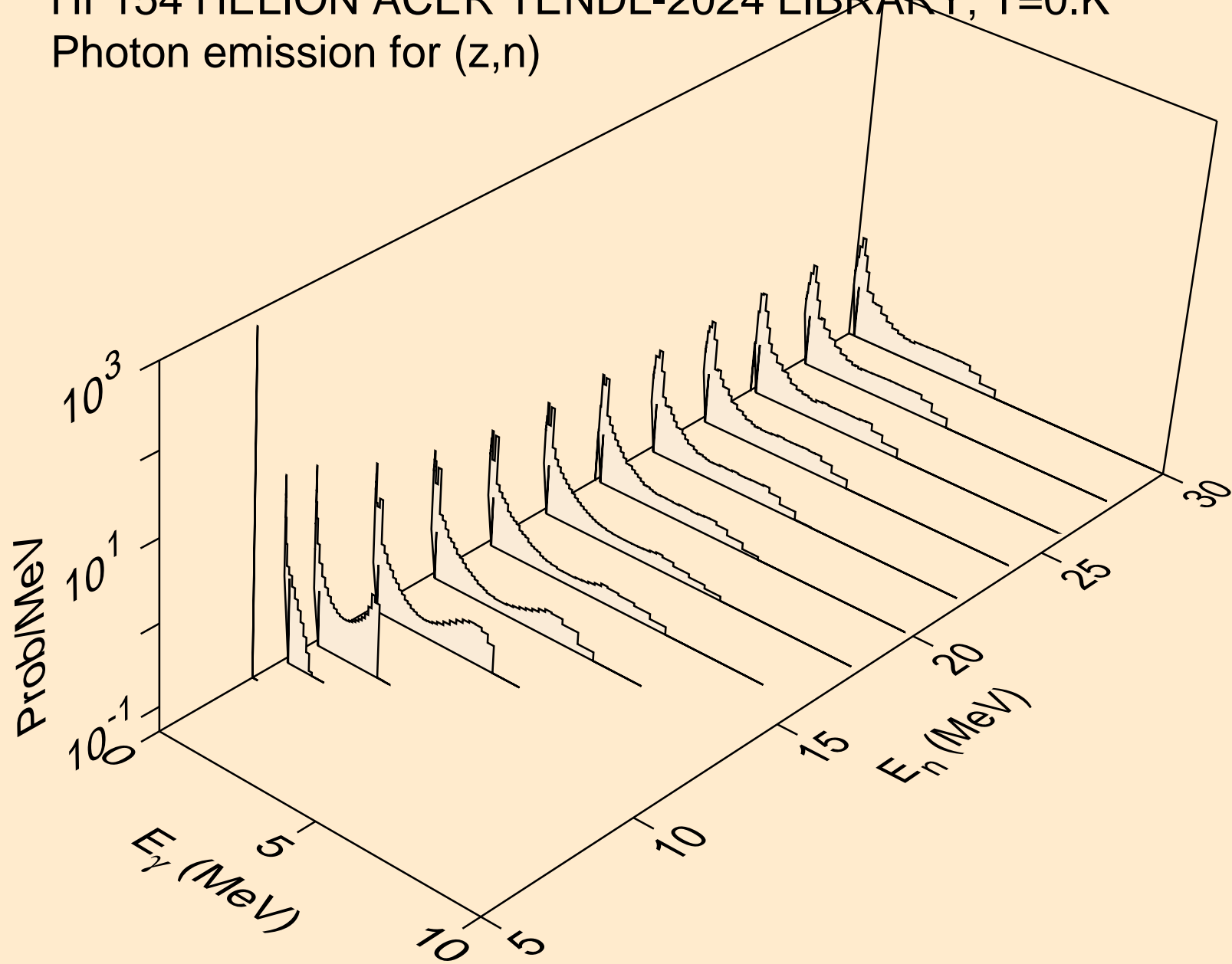
HF154 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3



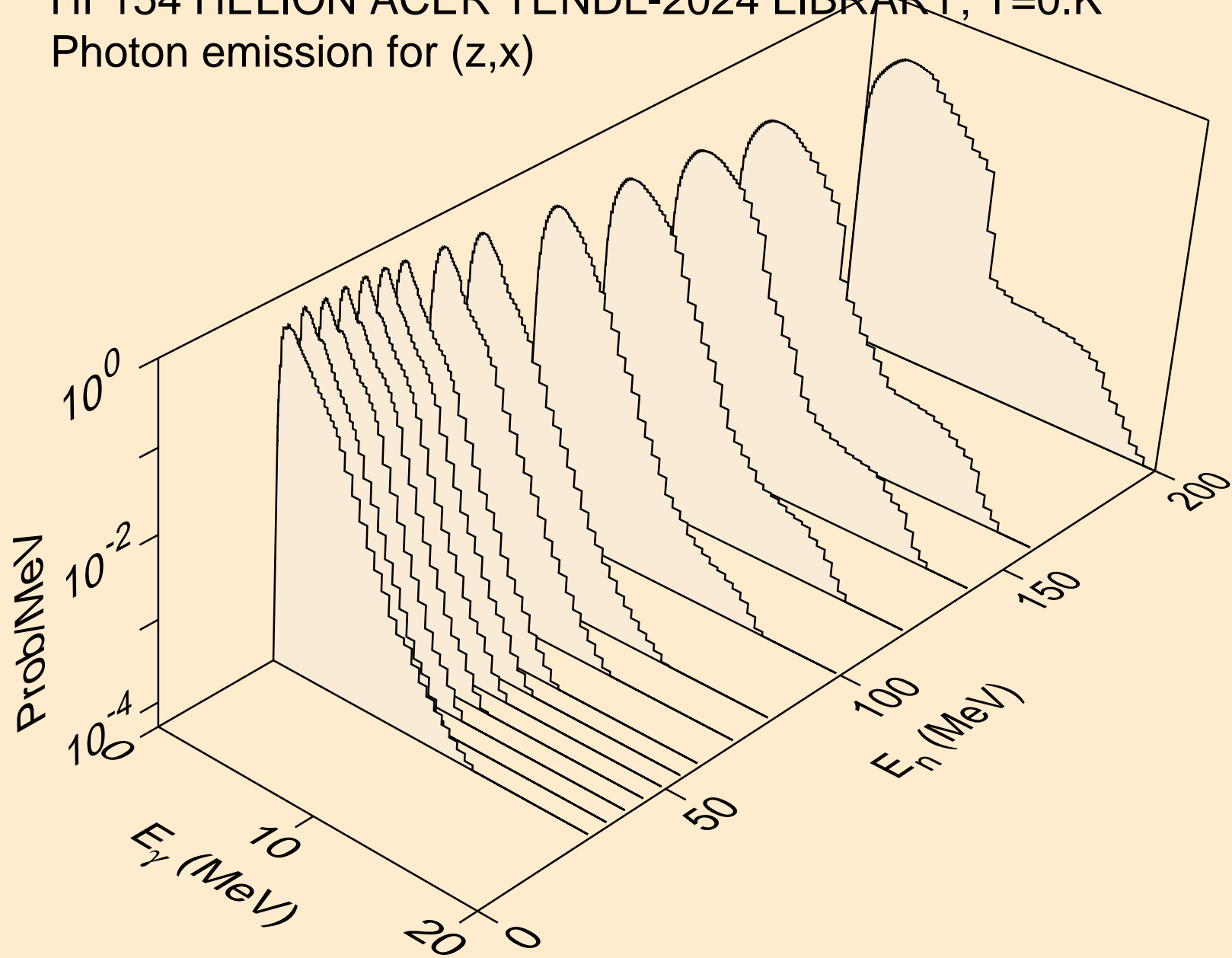
HF154 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for inelastic



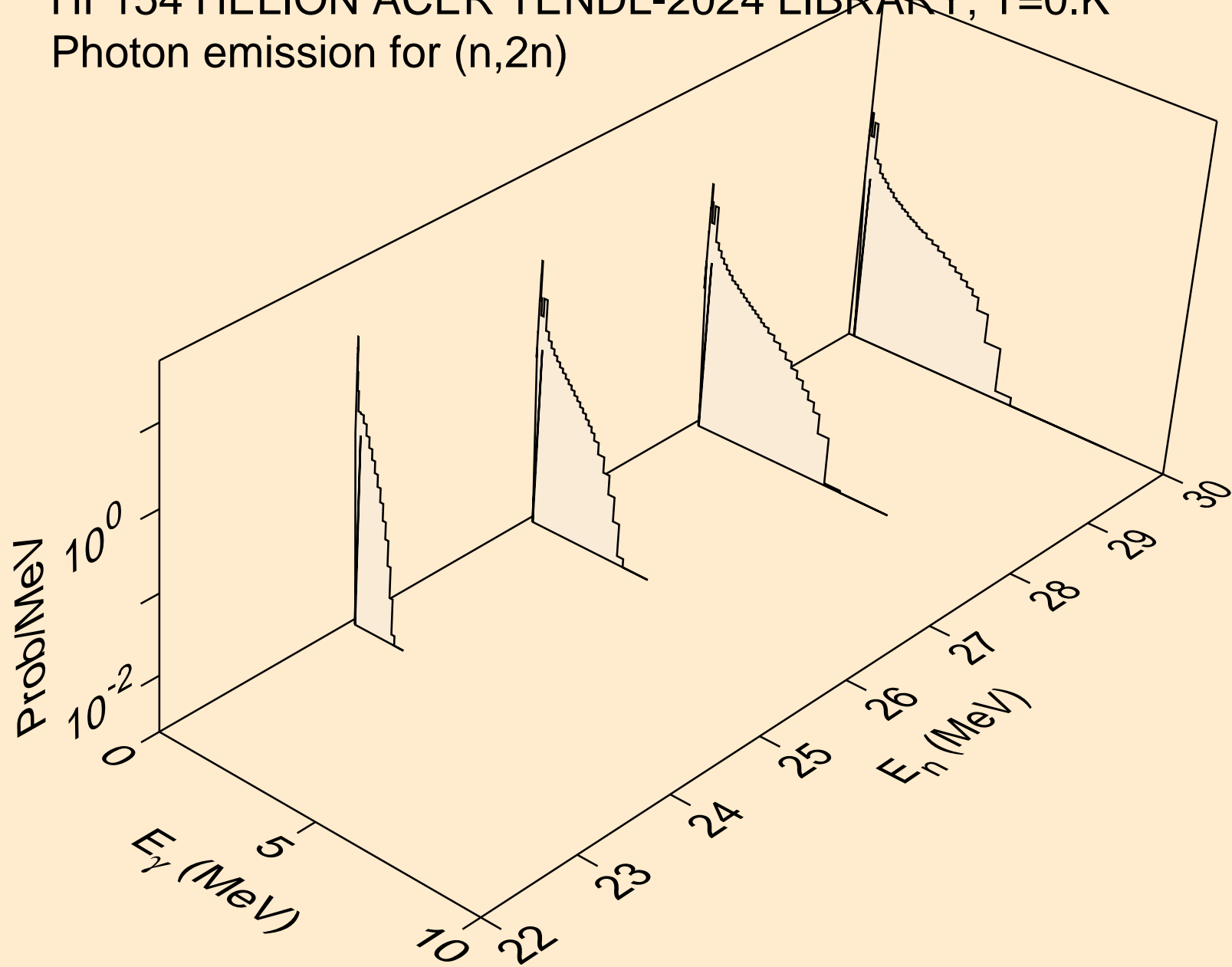
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Photon emission for (z,n)



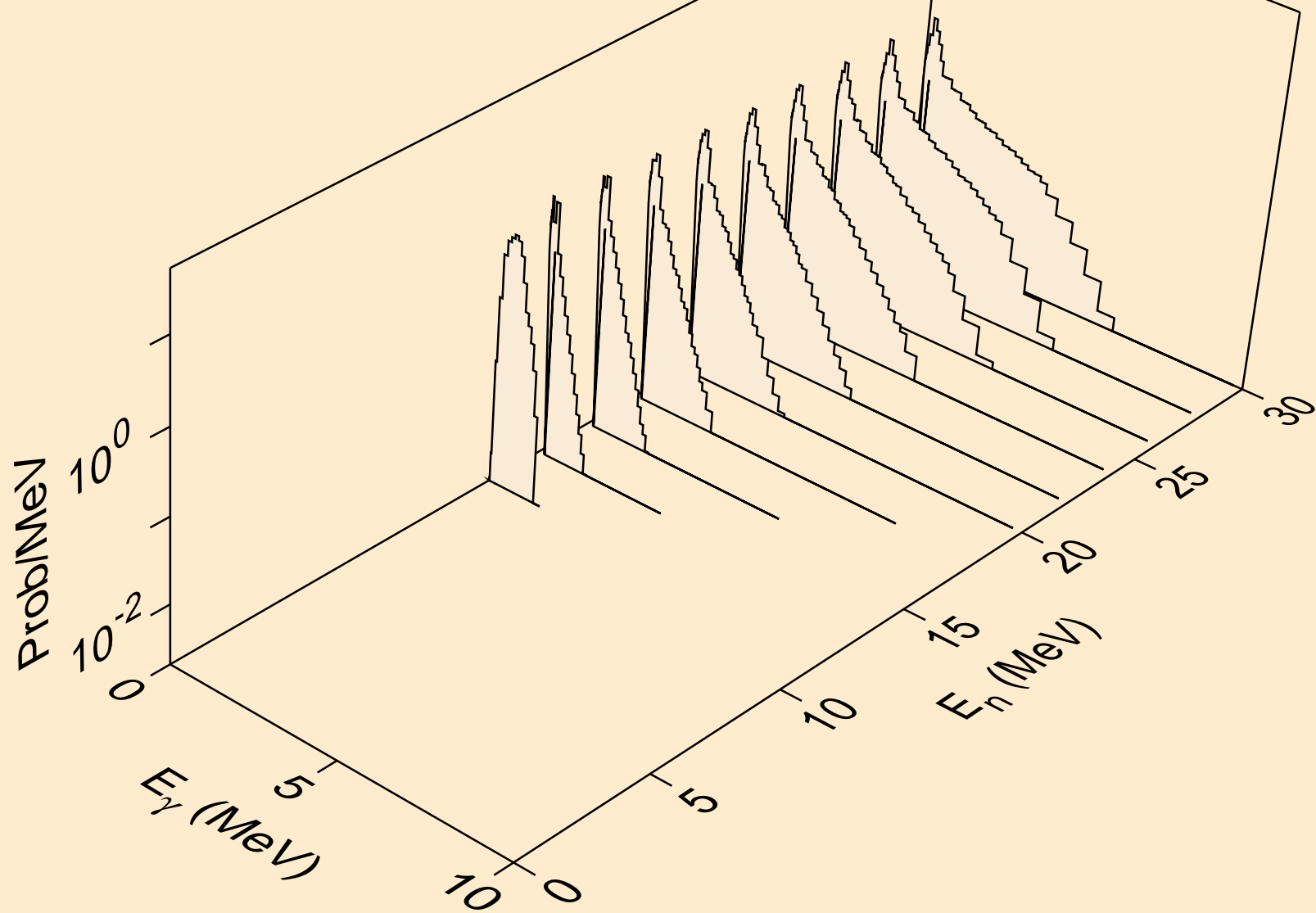
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Photon emission for (z,x)



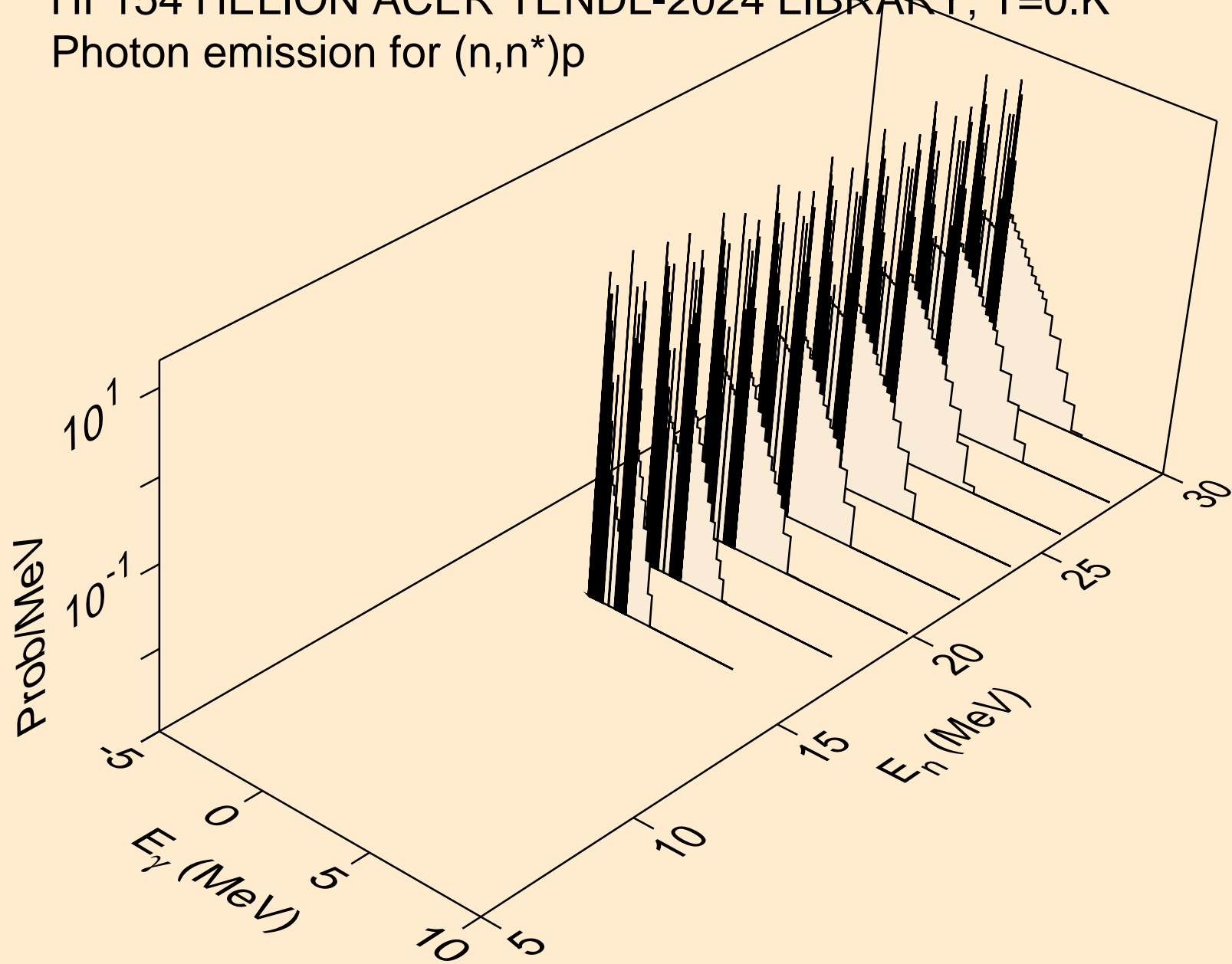
HF154 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



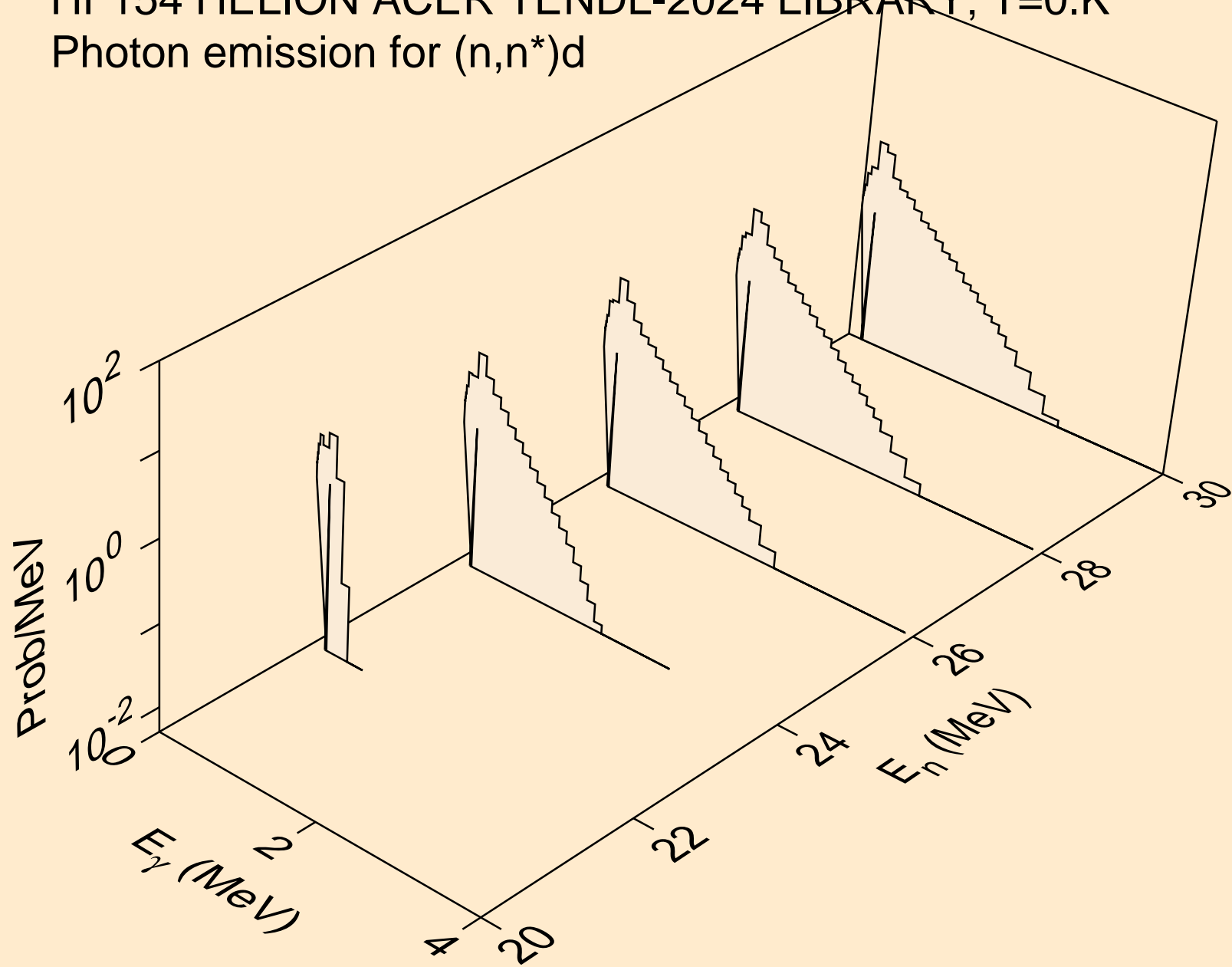
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Photon emission for (n,n\*)a



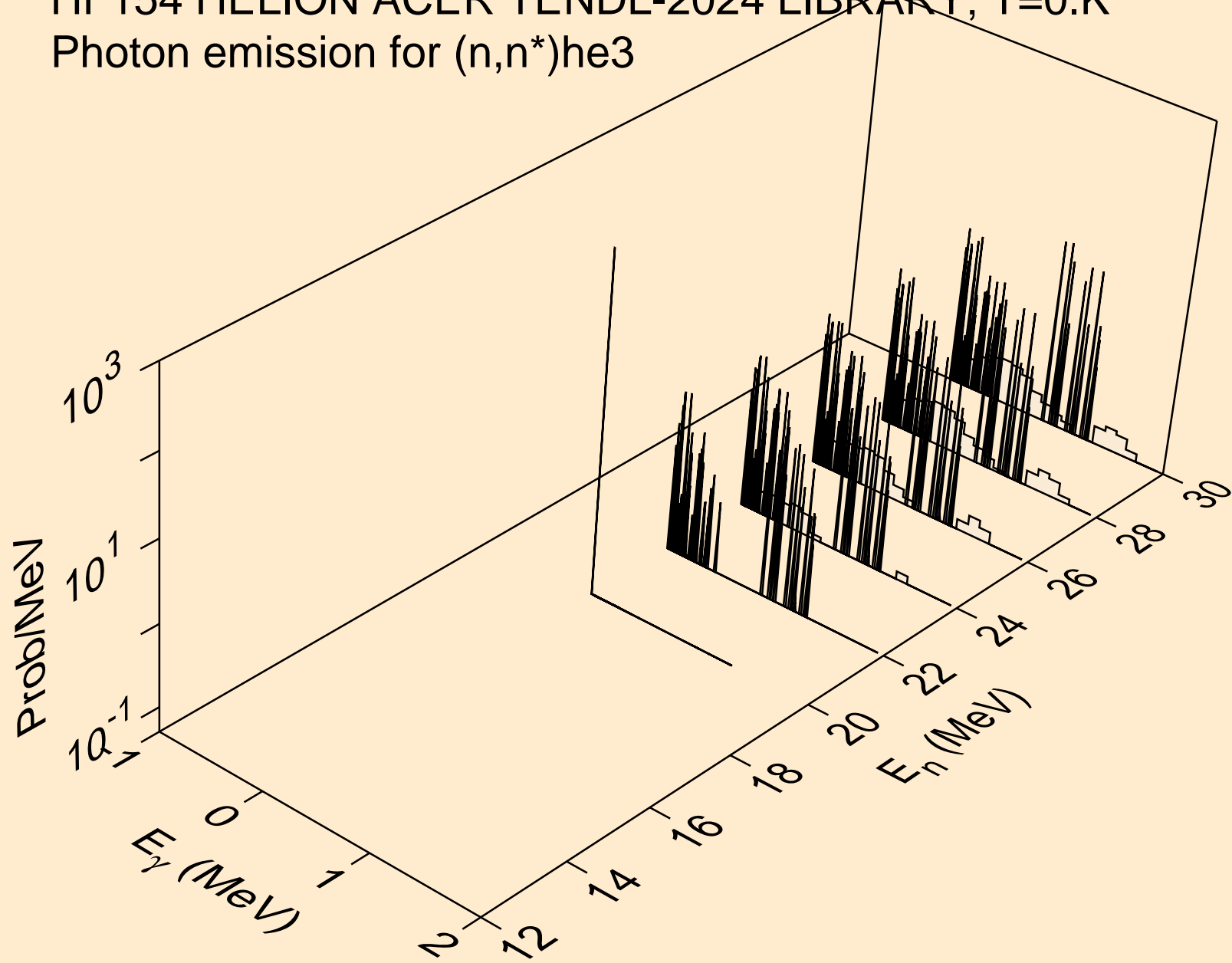
HF154 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



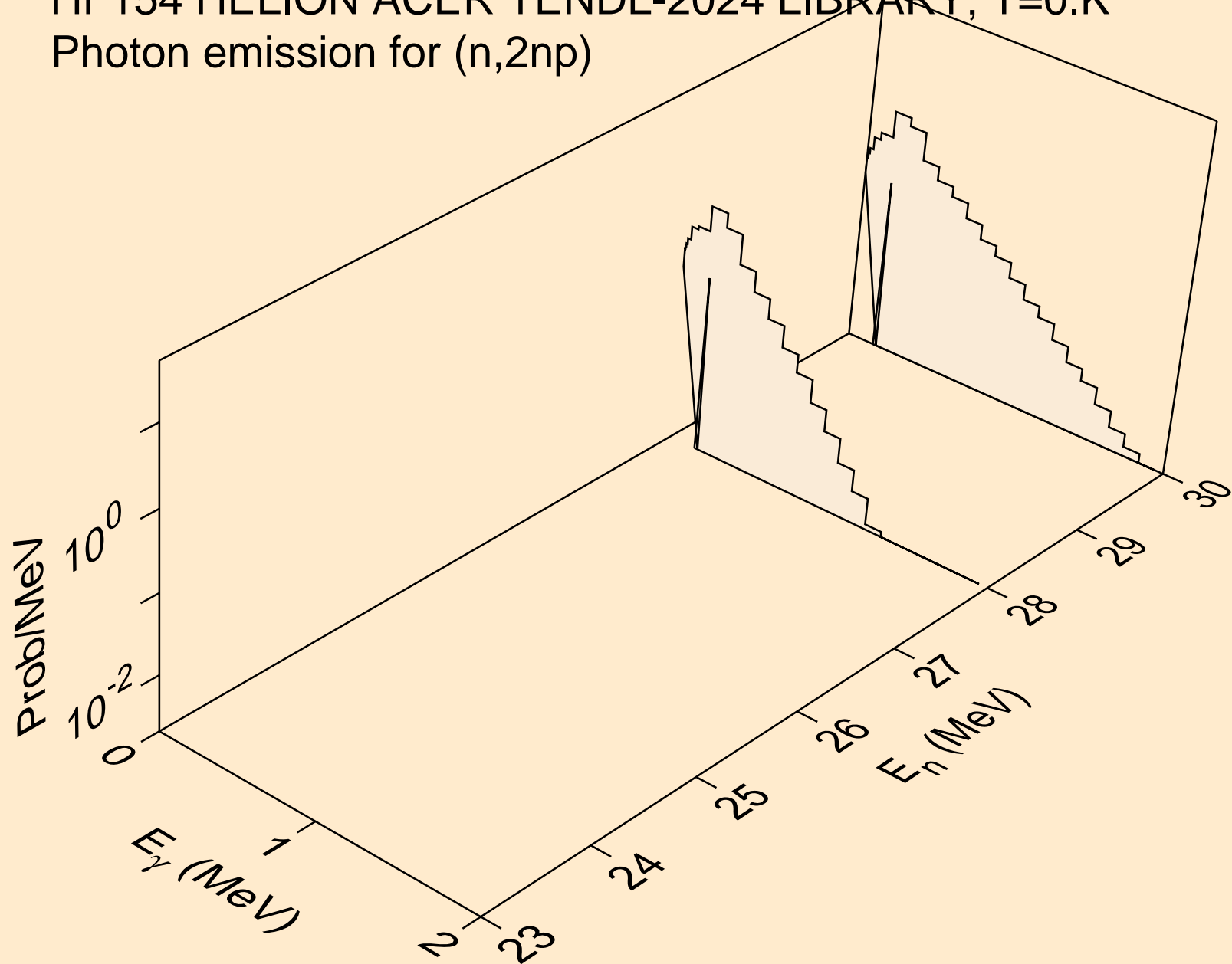
HF154 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



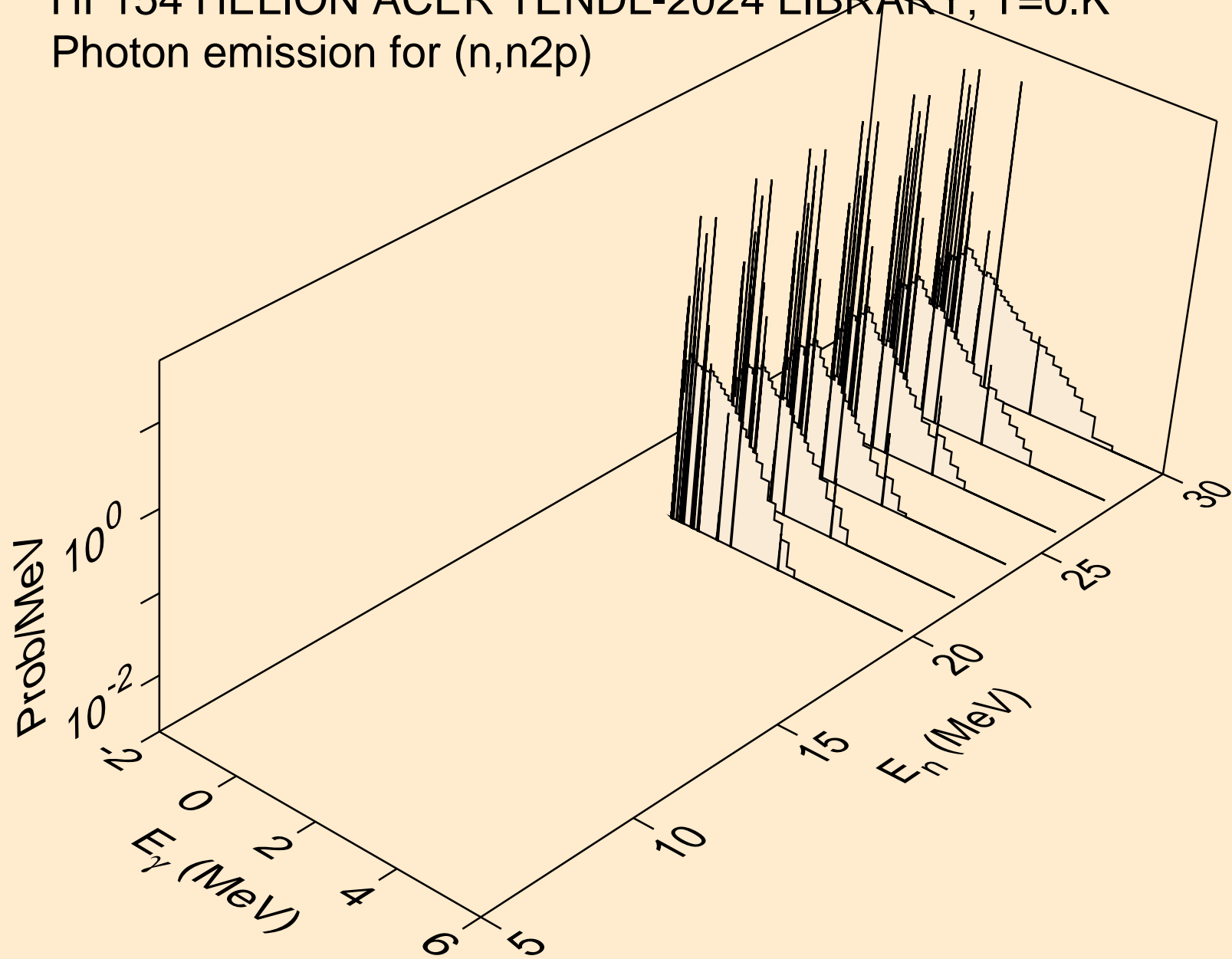
HF154 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



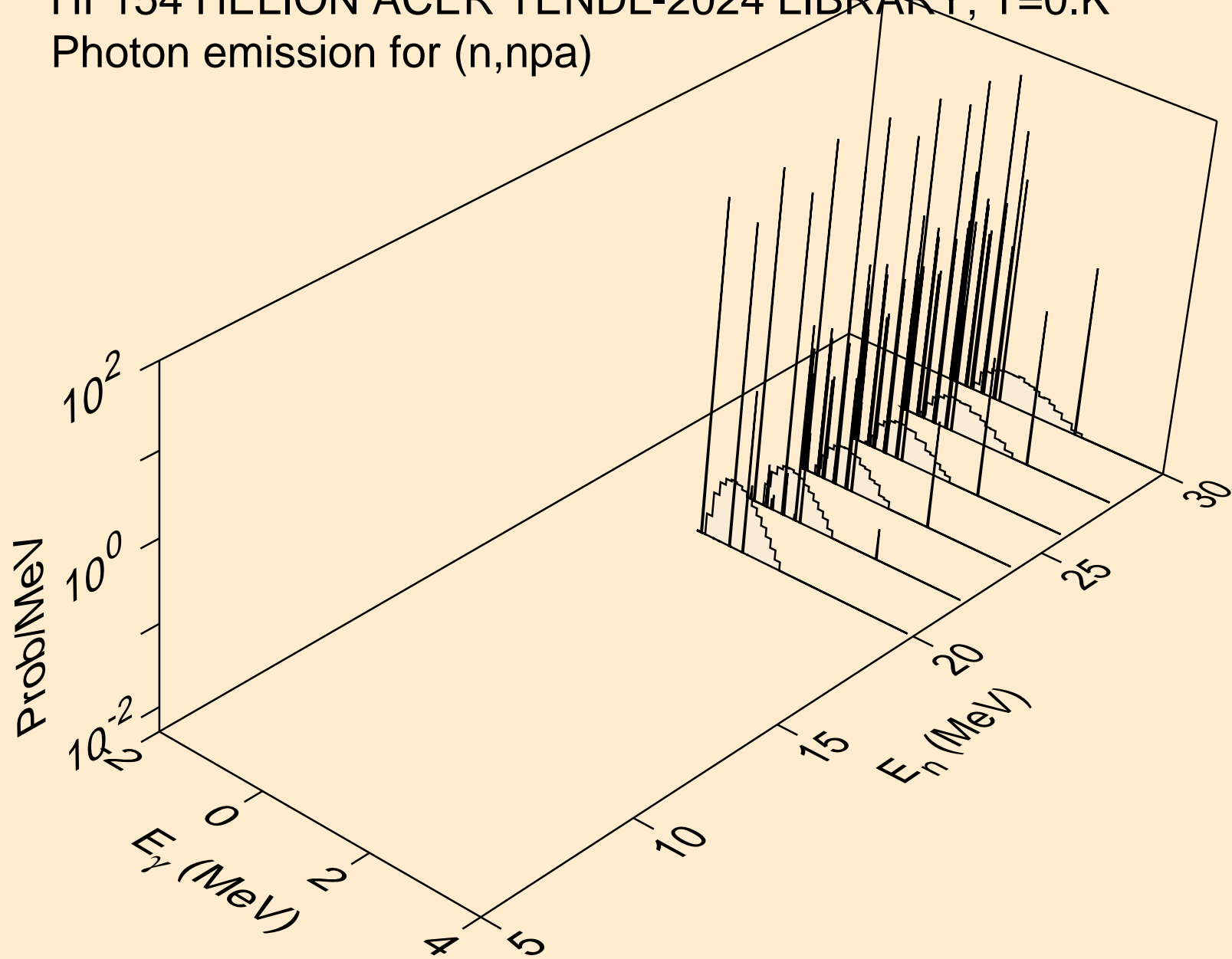
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Photon emission for (n,2np)



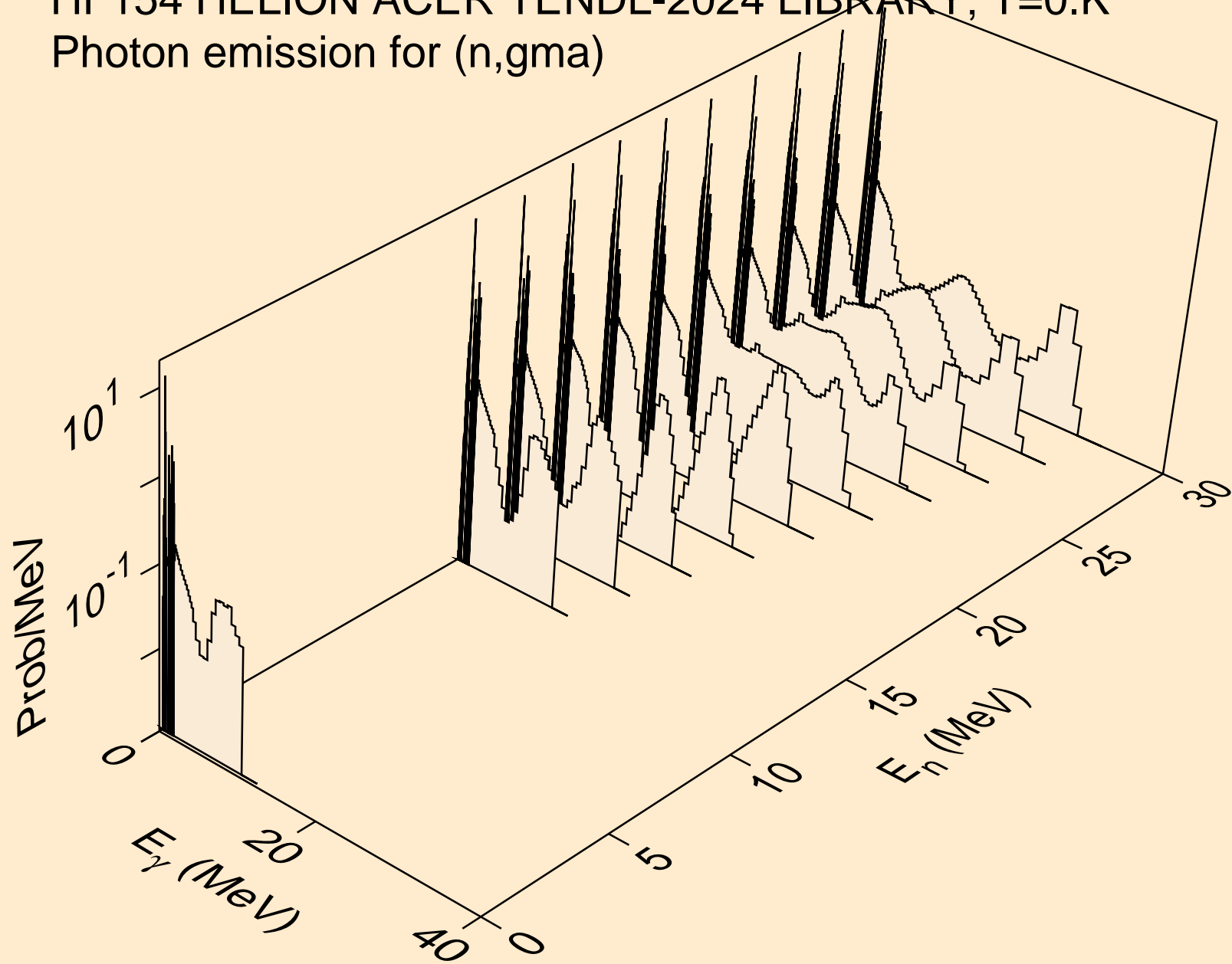
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Photon emission for (n,n2p)



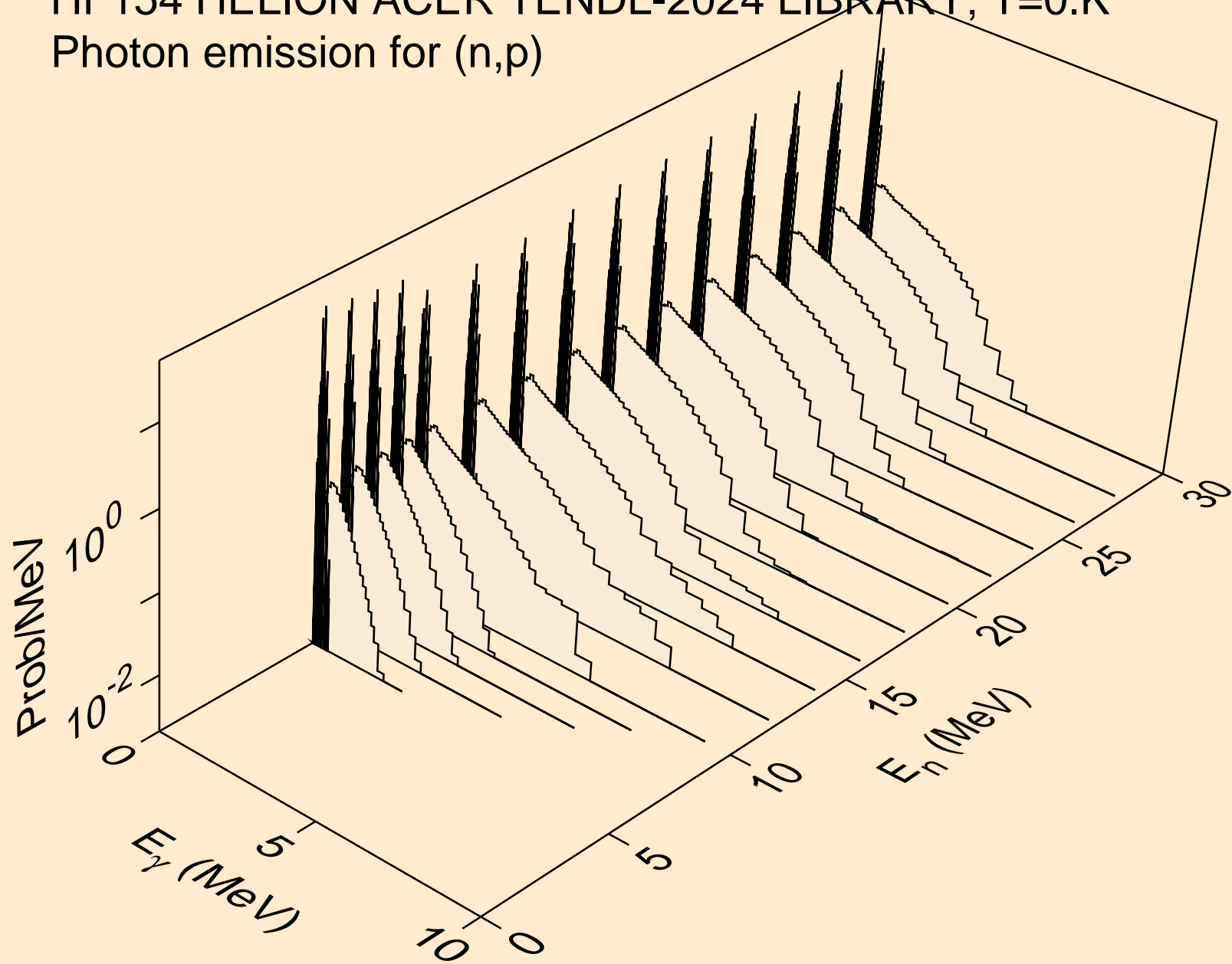
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Photon emission for (n,npa)



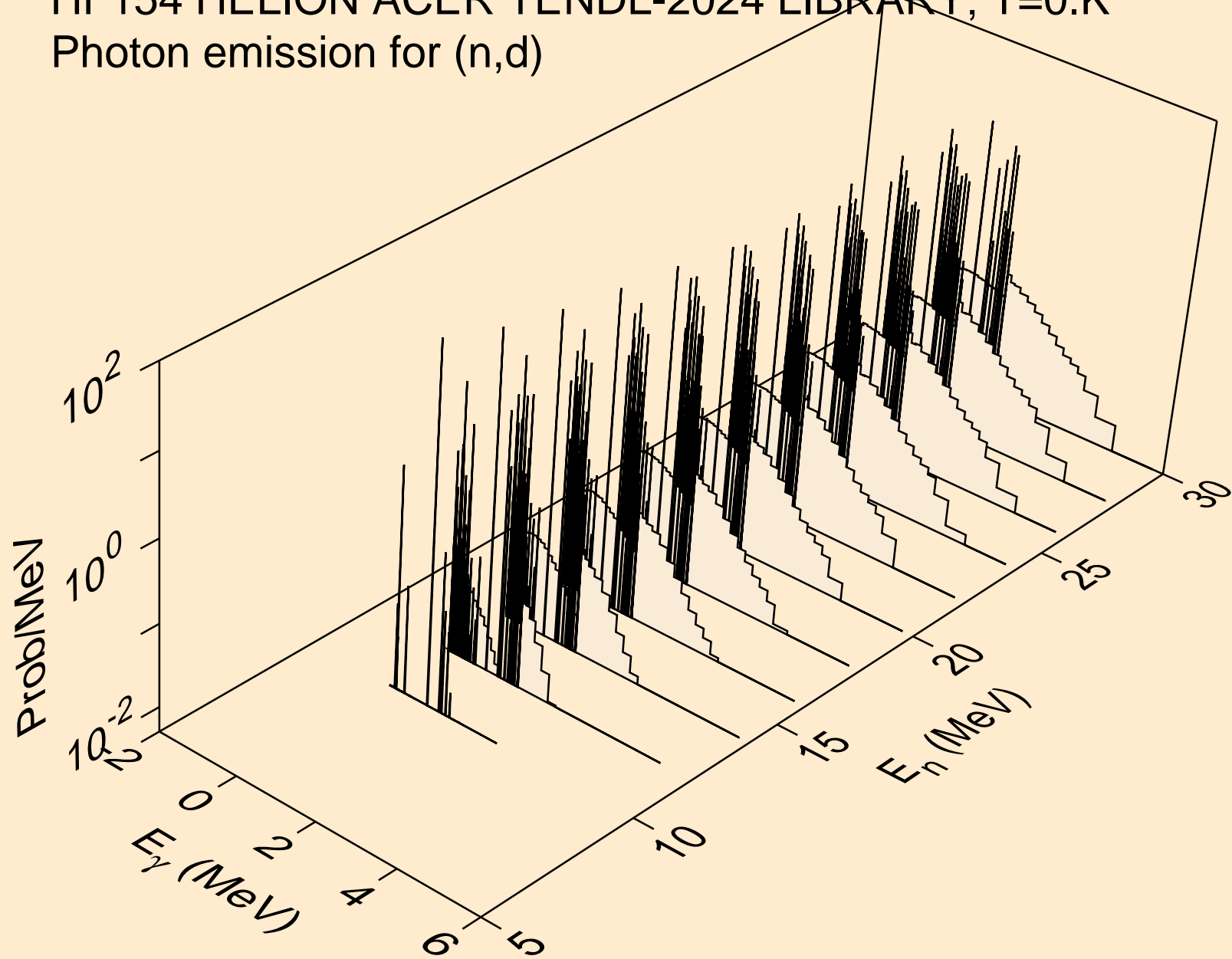
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Photon emission for (n,gma)



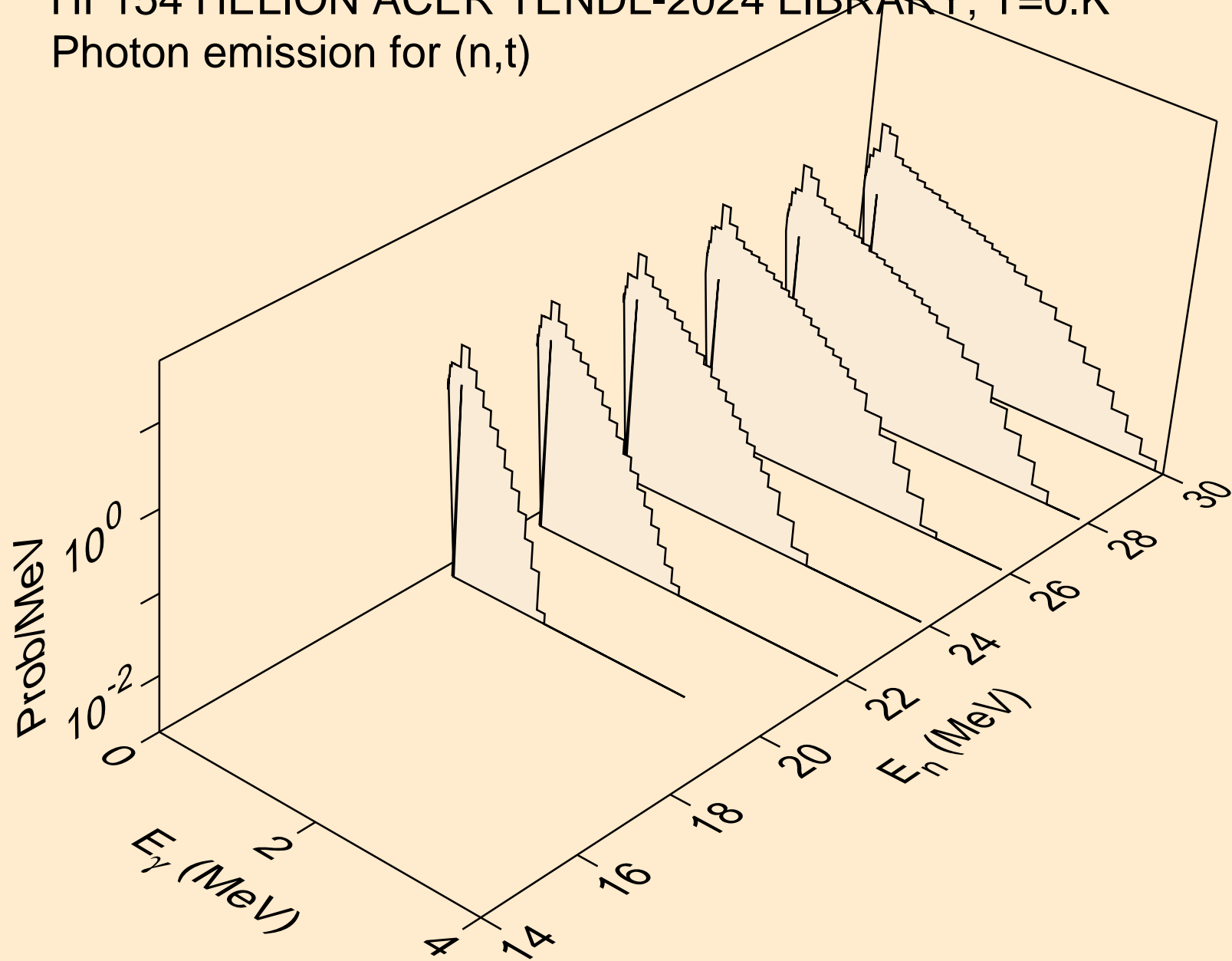
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Photon emission for (n,p)



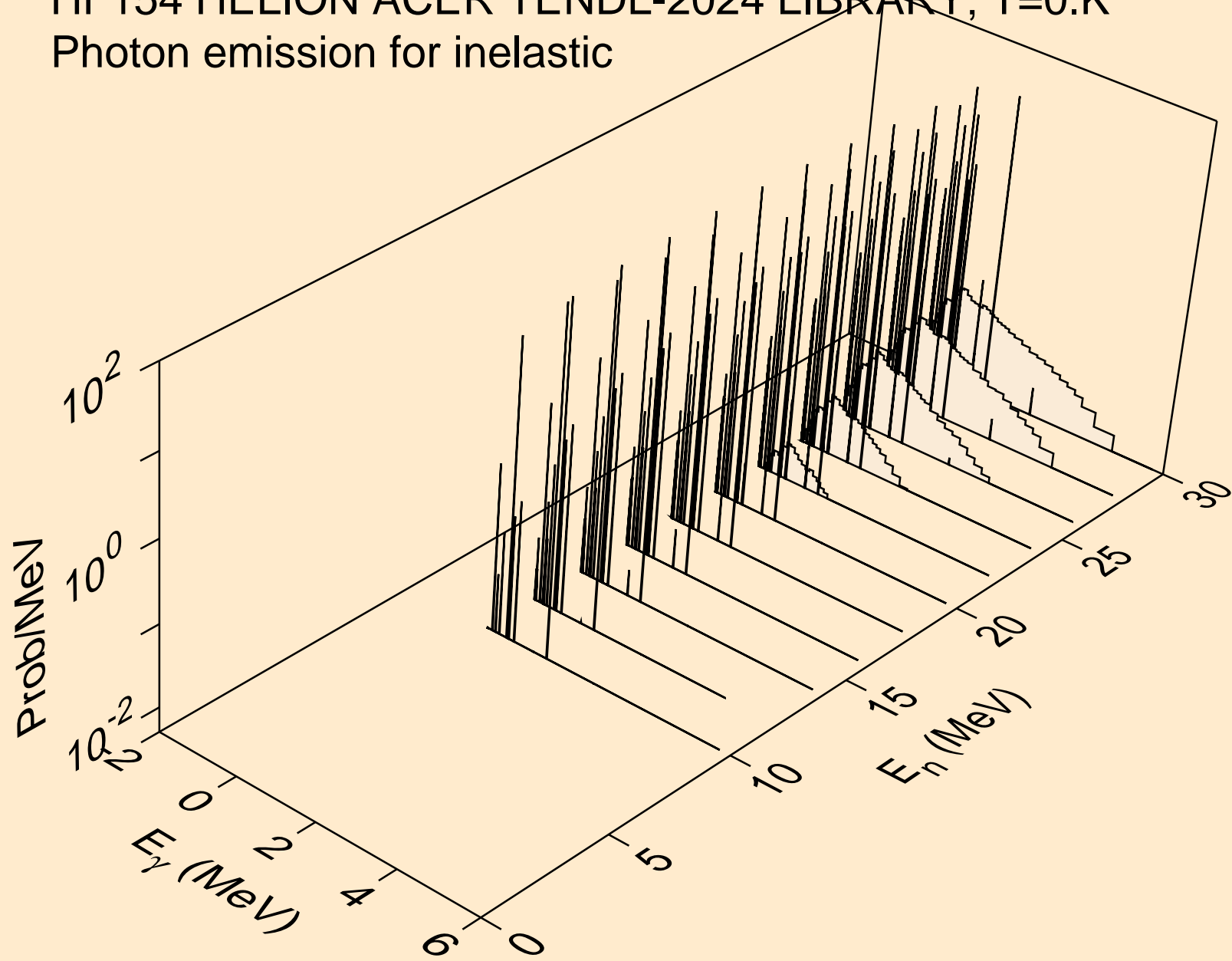
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Photon emission for (n,d)



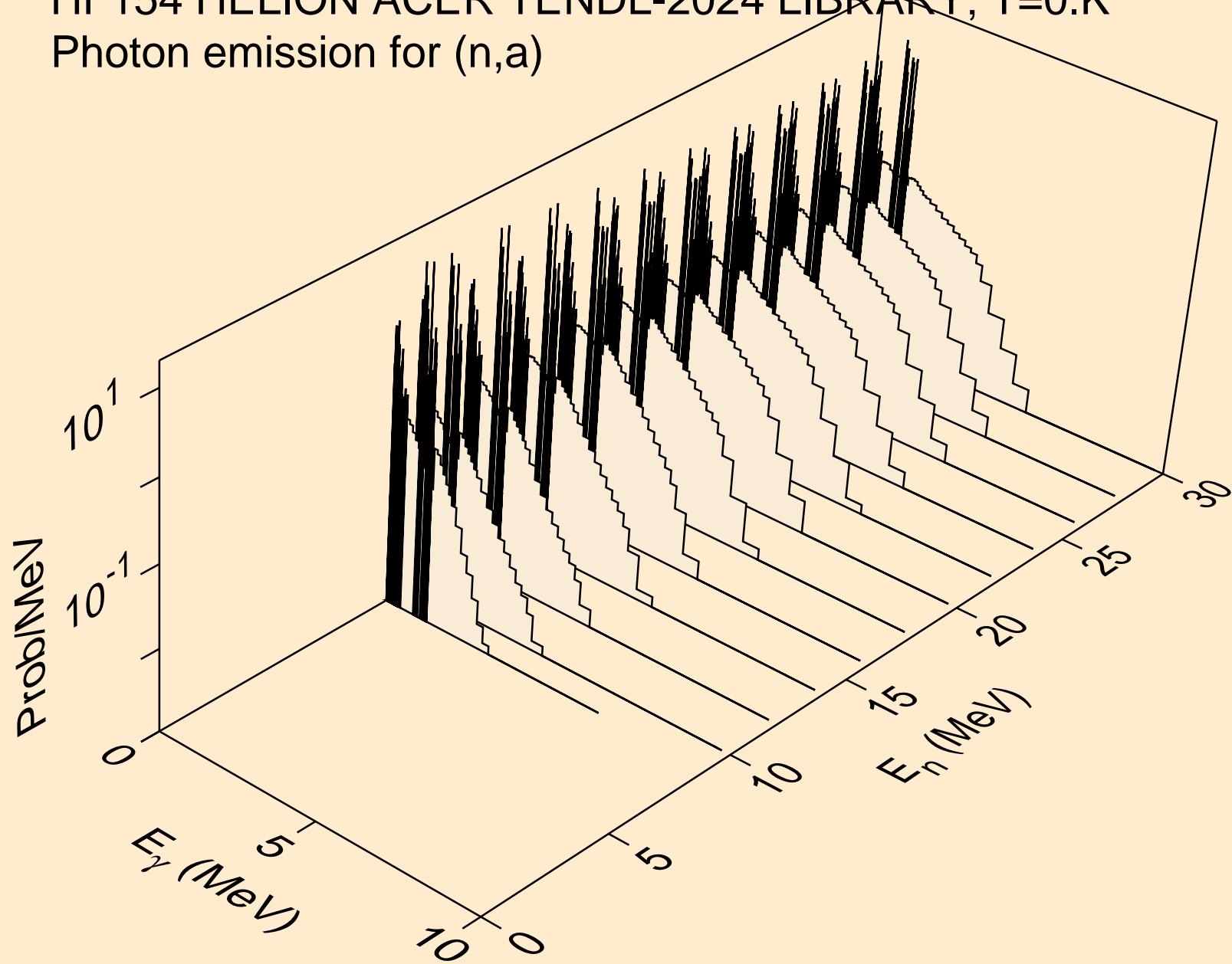
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Photon emission for (n,t)



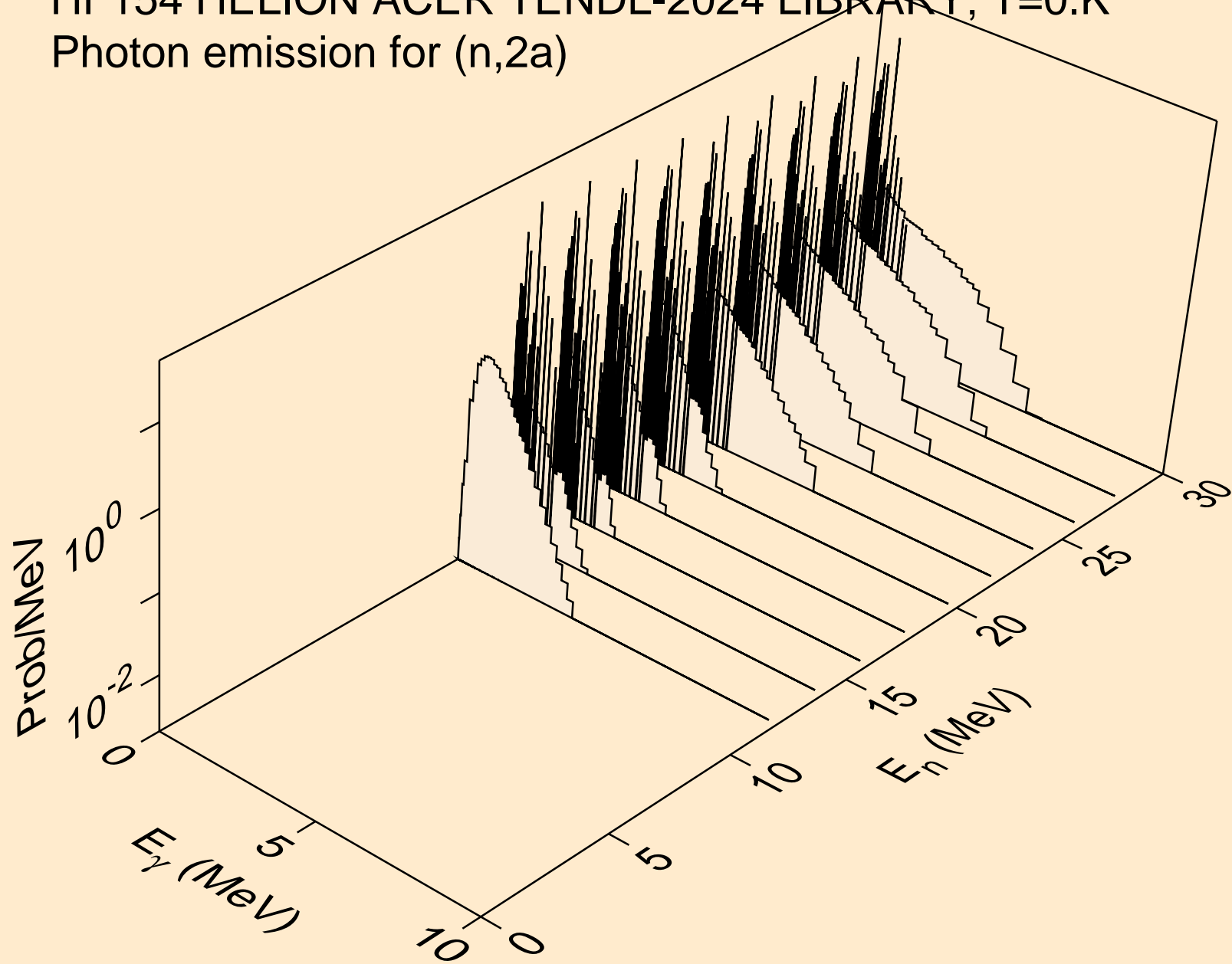
HF154 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic



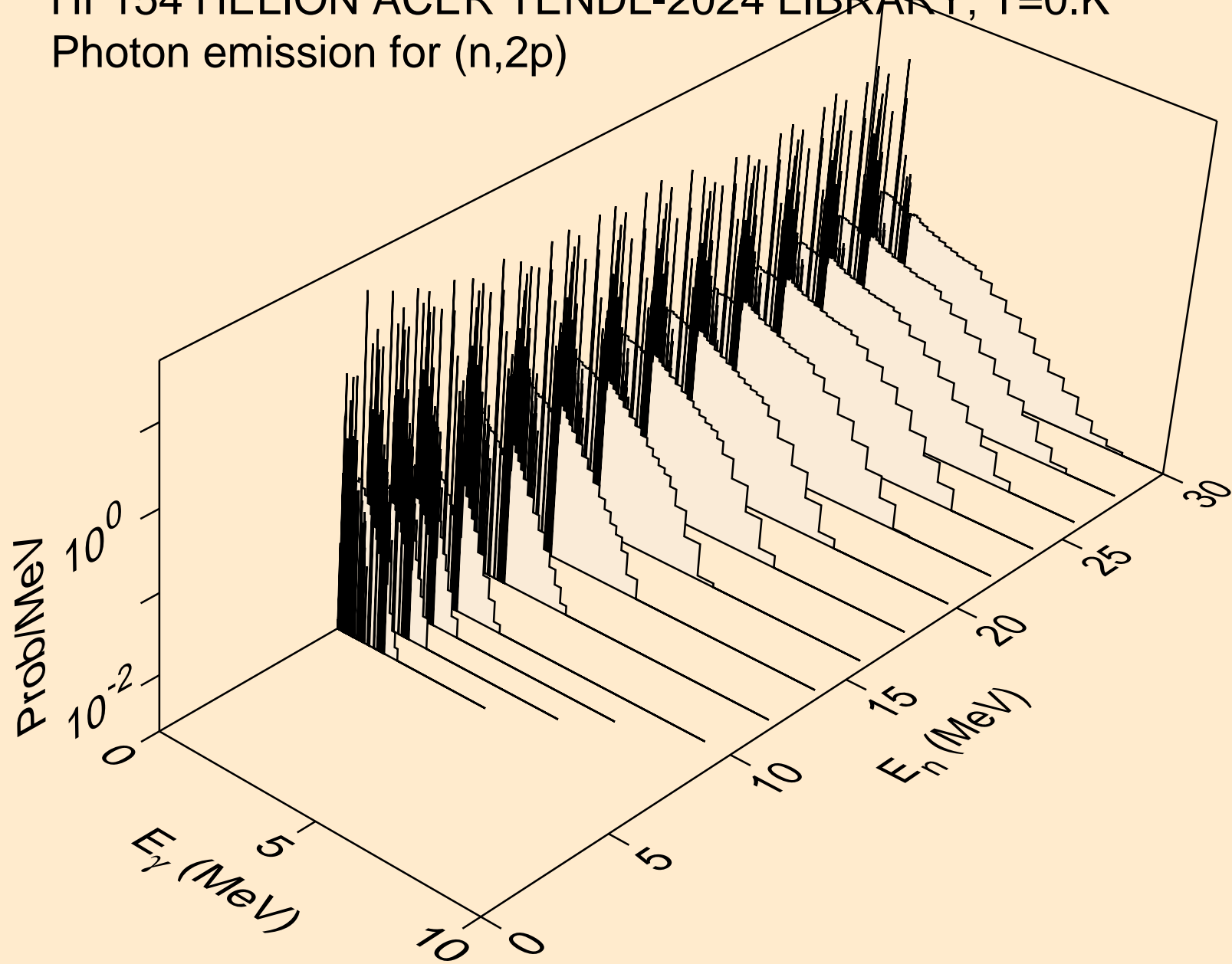
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Photon emission for (n,a)



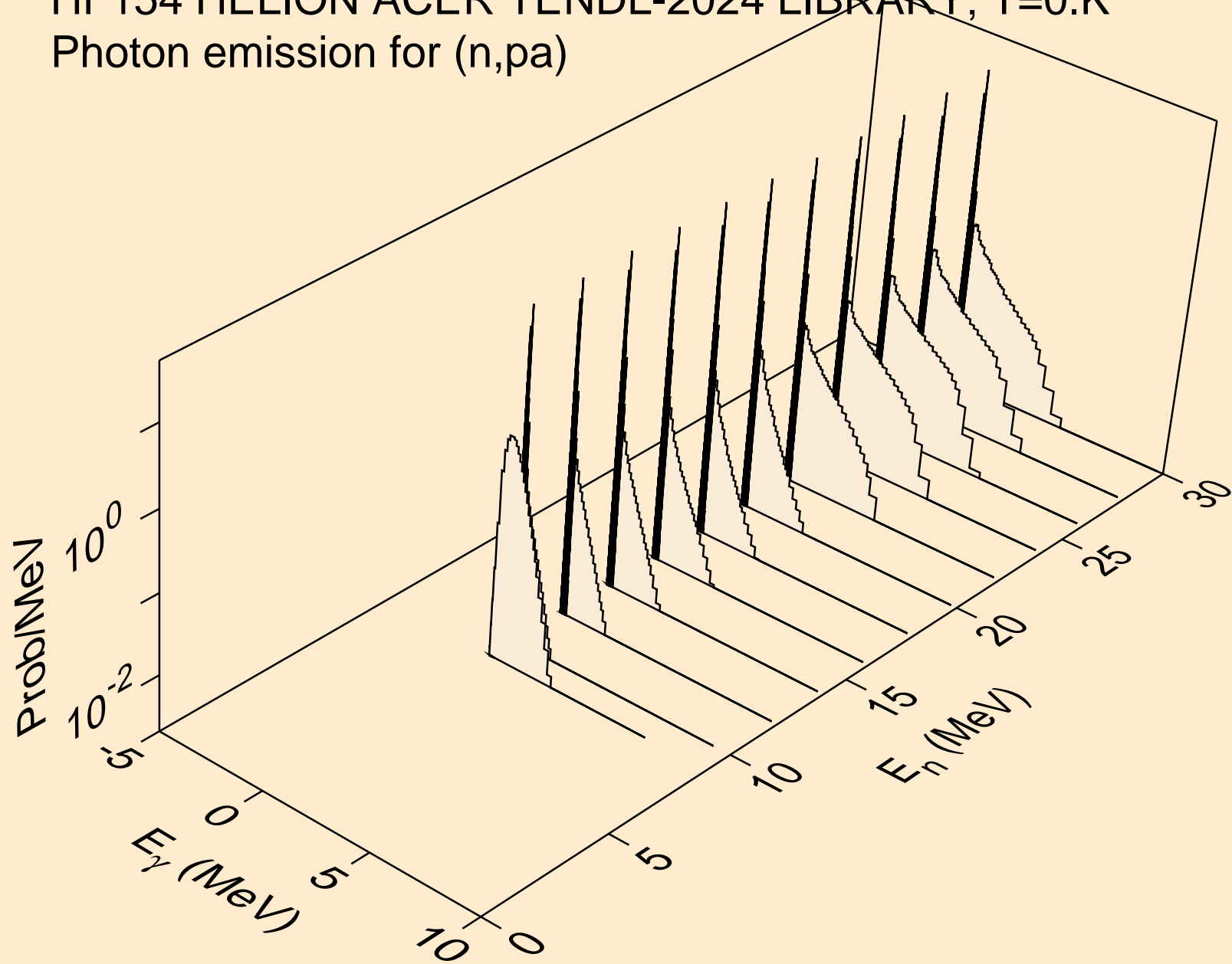
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Photon emission for (n,2a)



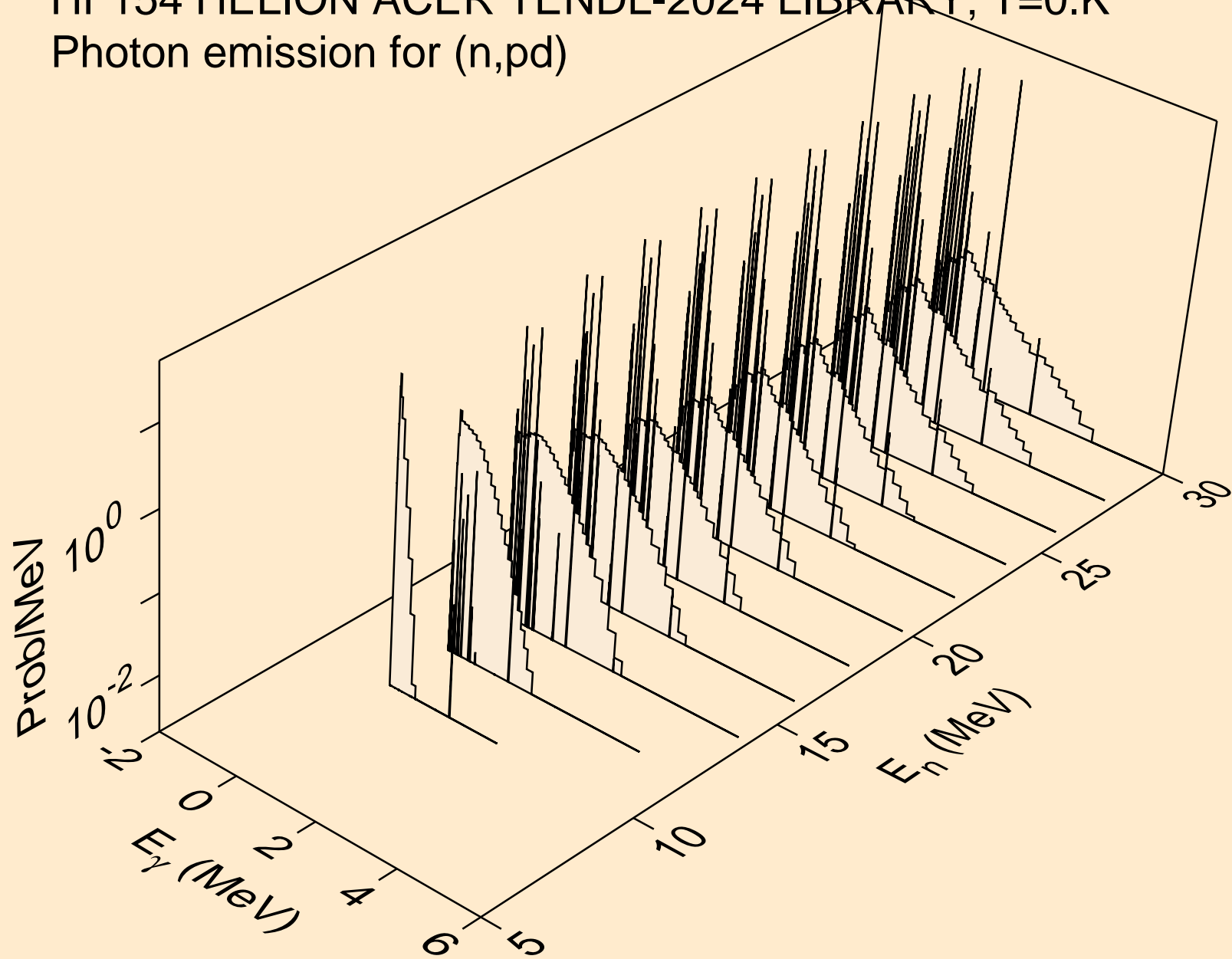
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Photon emission for (n,2p)



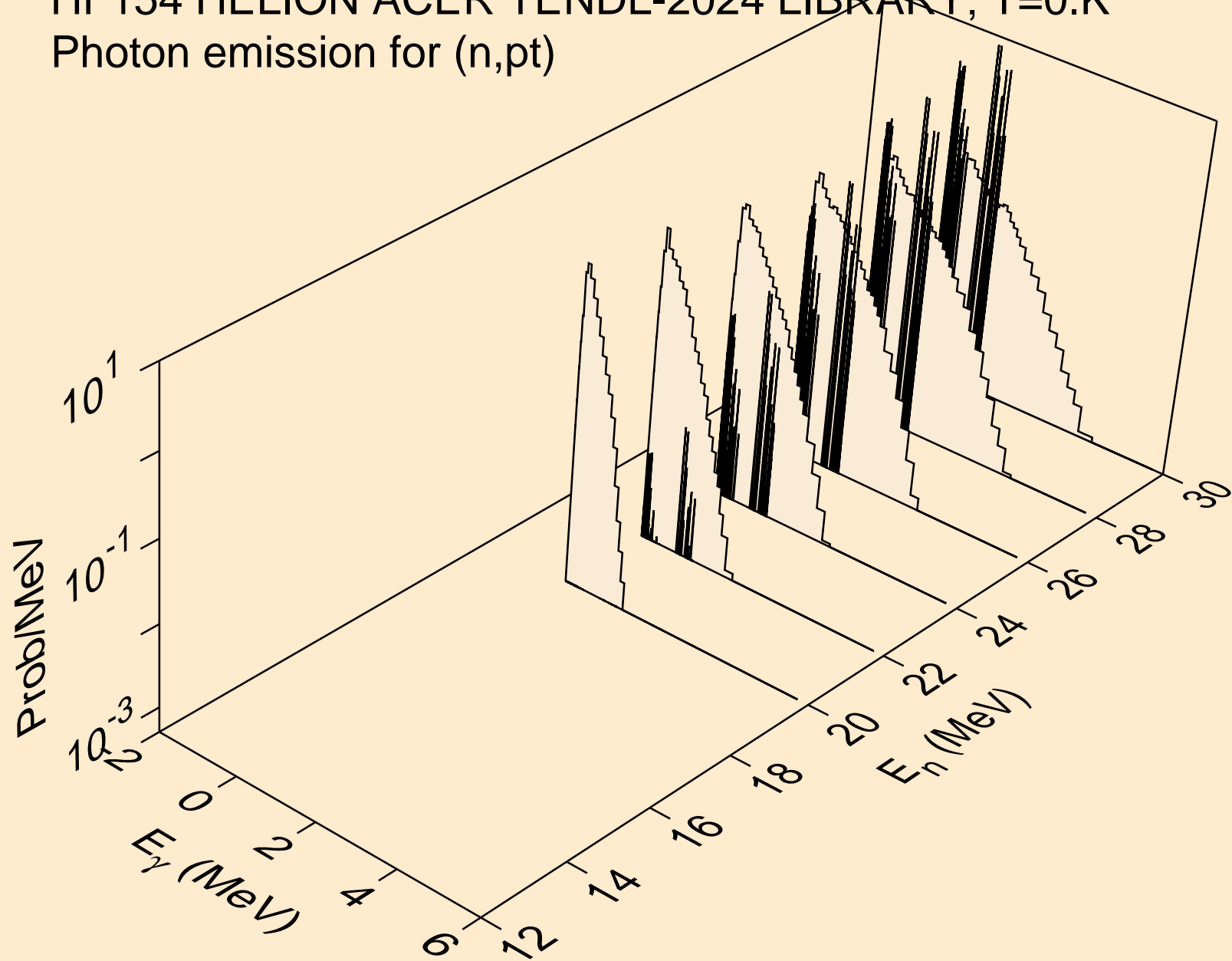
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Photon emission for (n,pa)



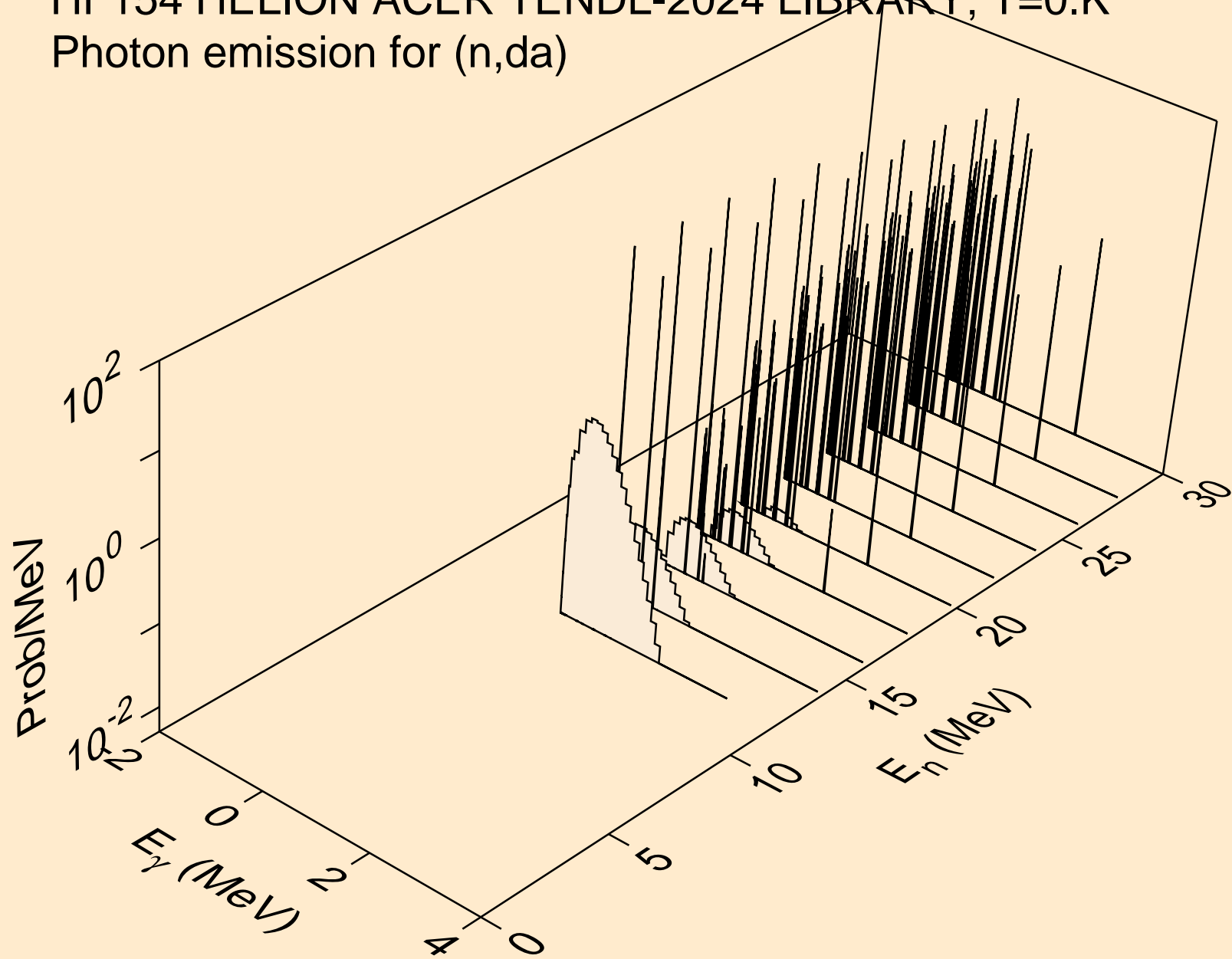
HF154 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



HF154 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)

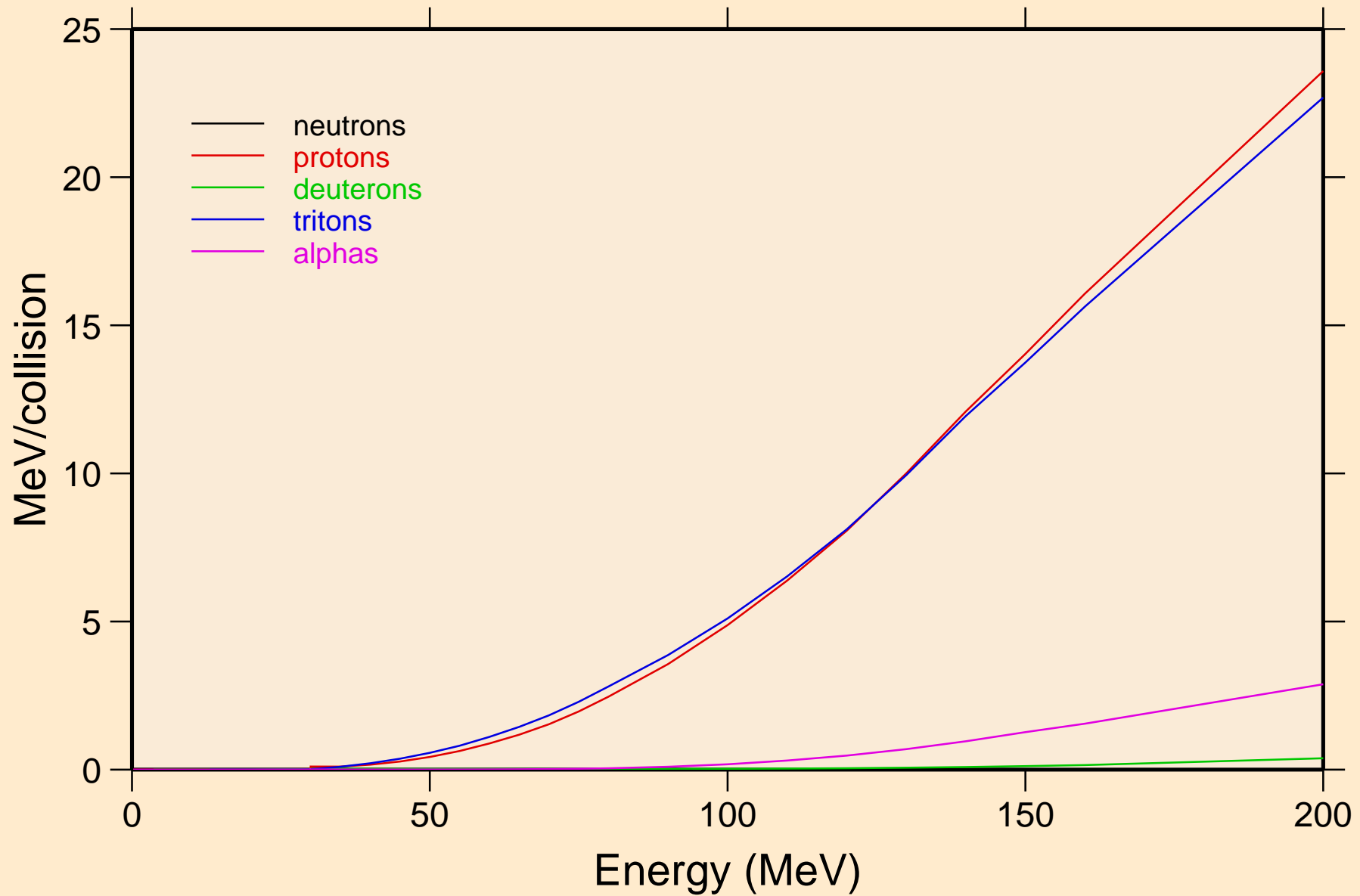


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Photon emission for (n,da)

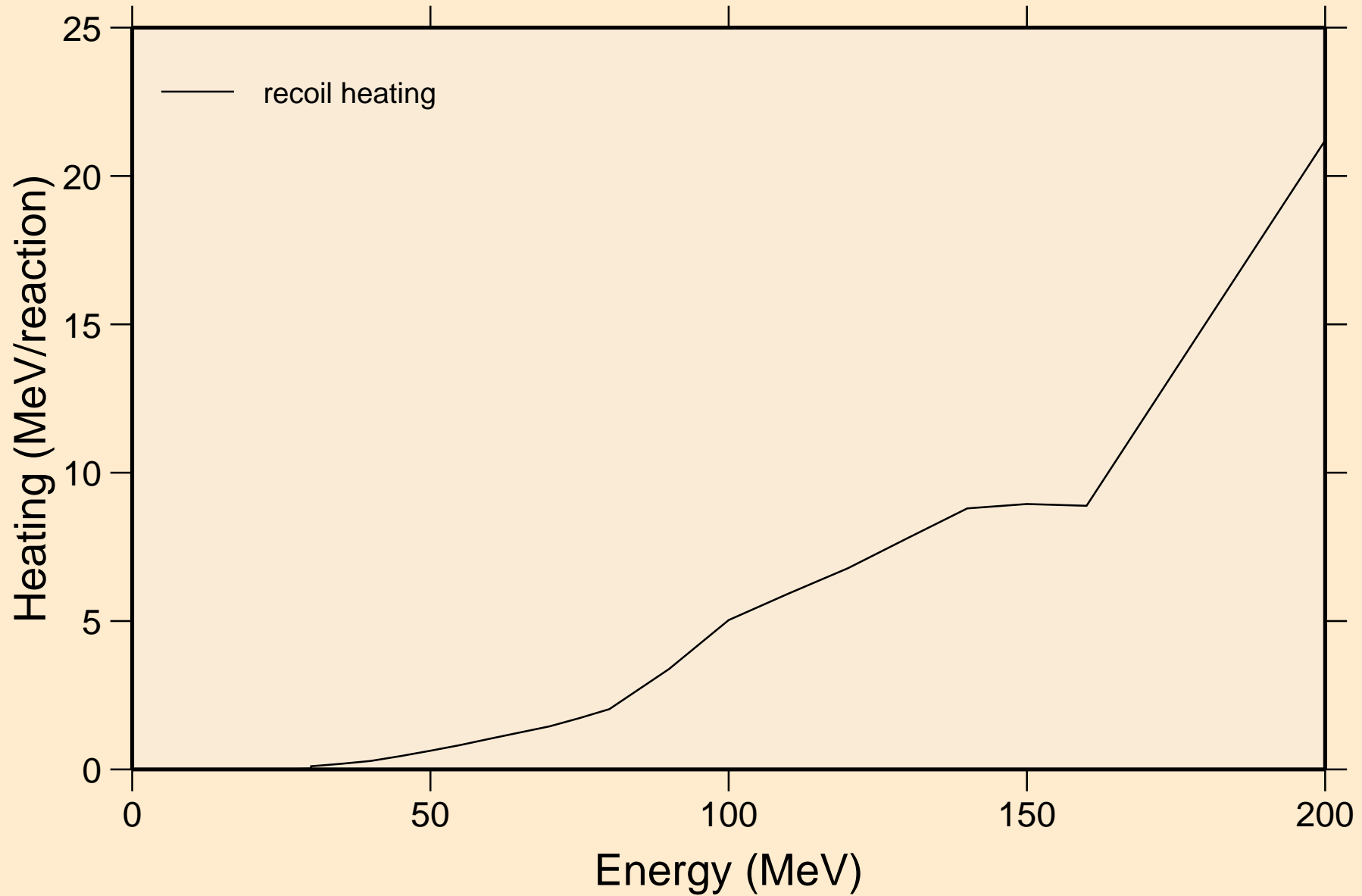


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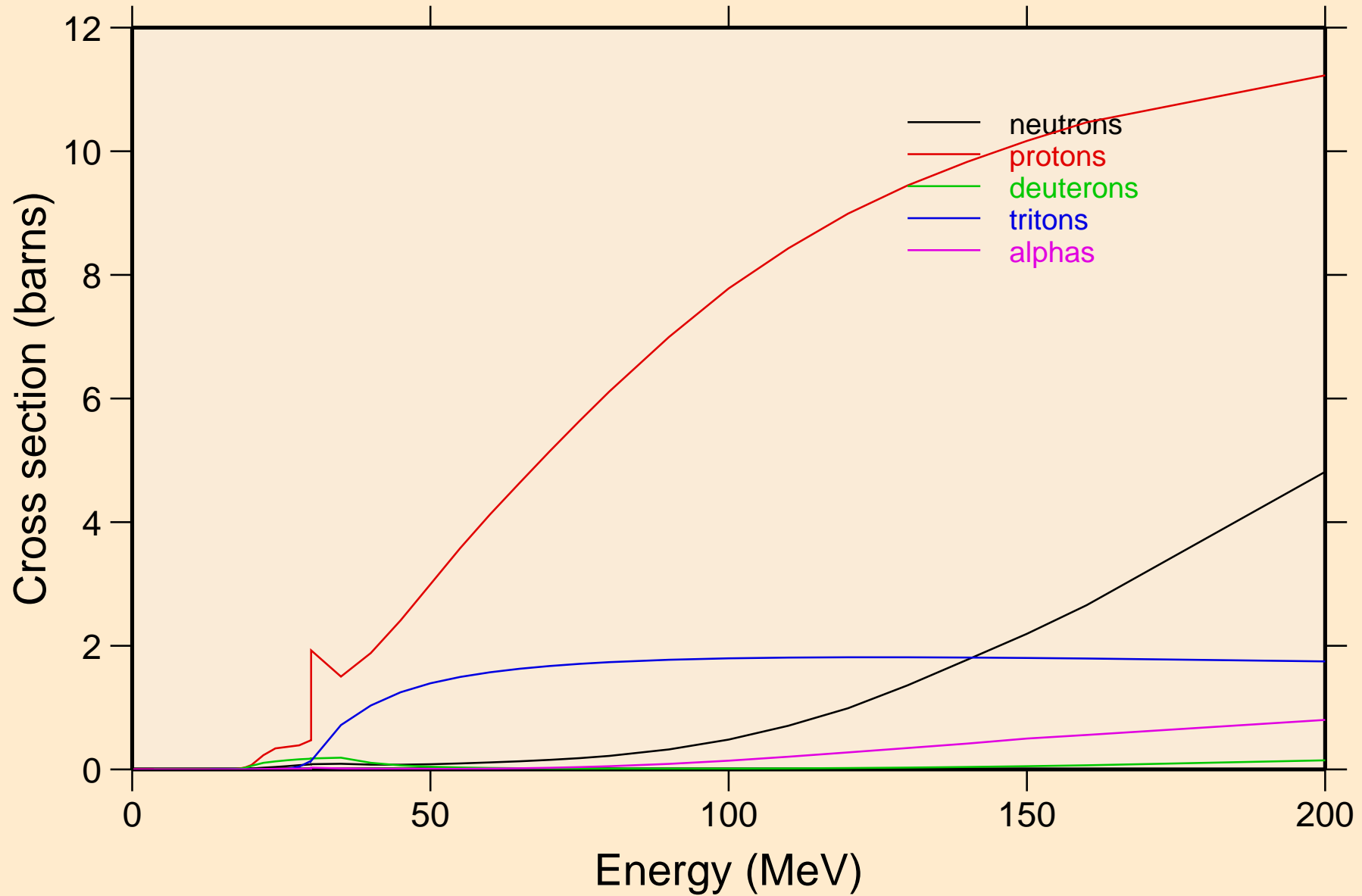
## Particle heating contributions



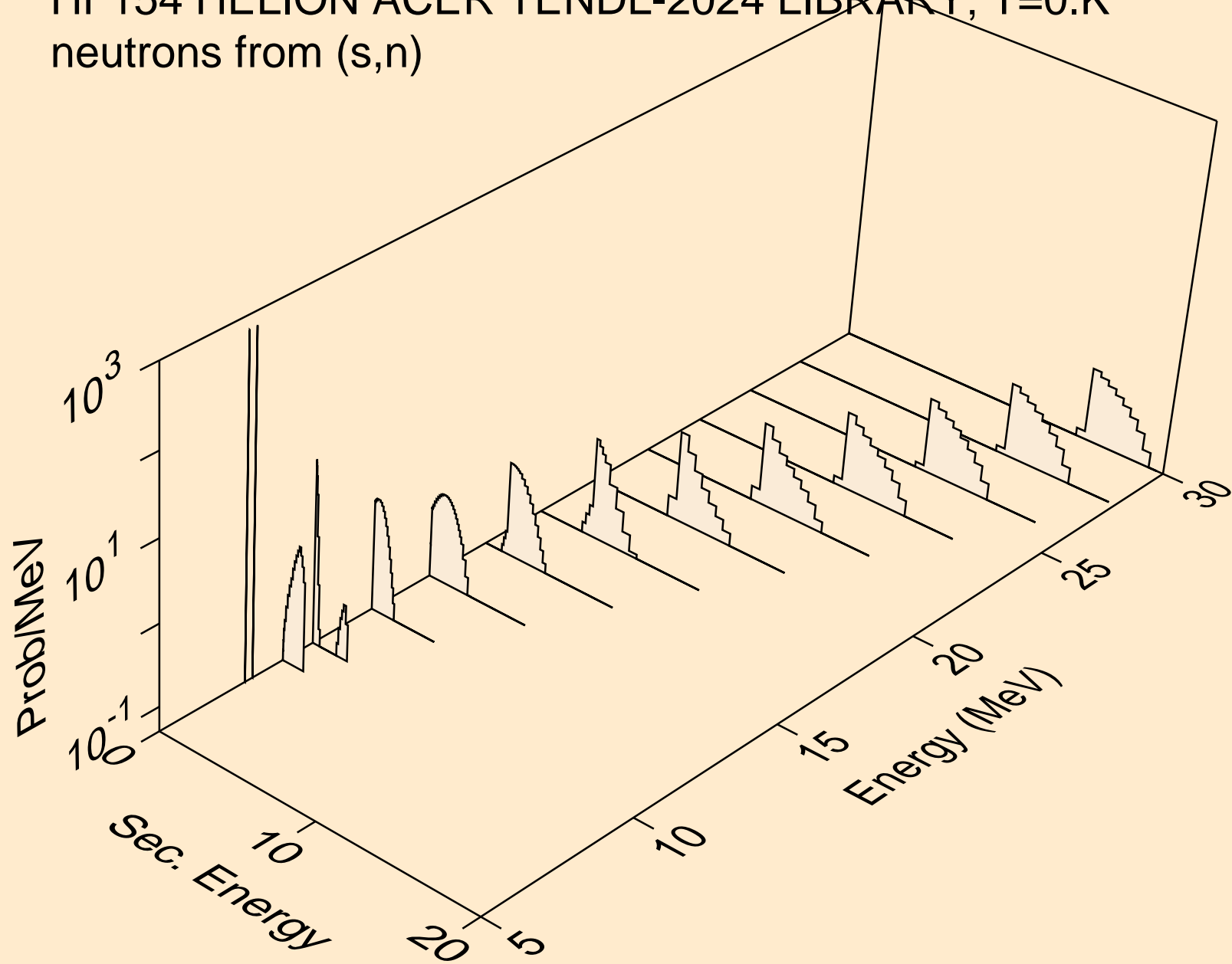
HF154 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating



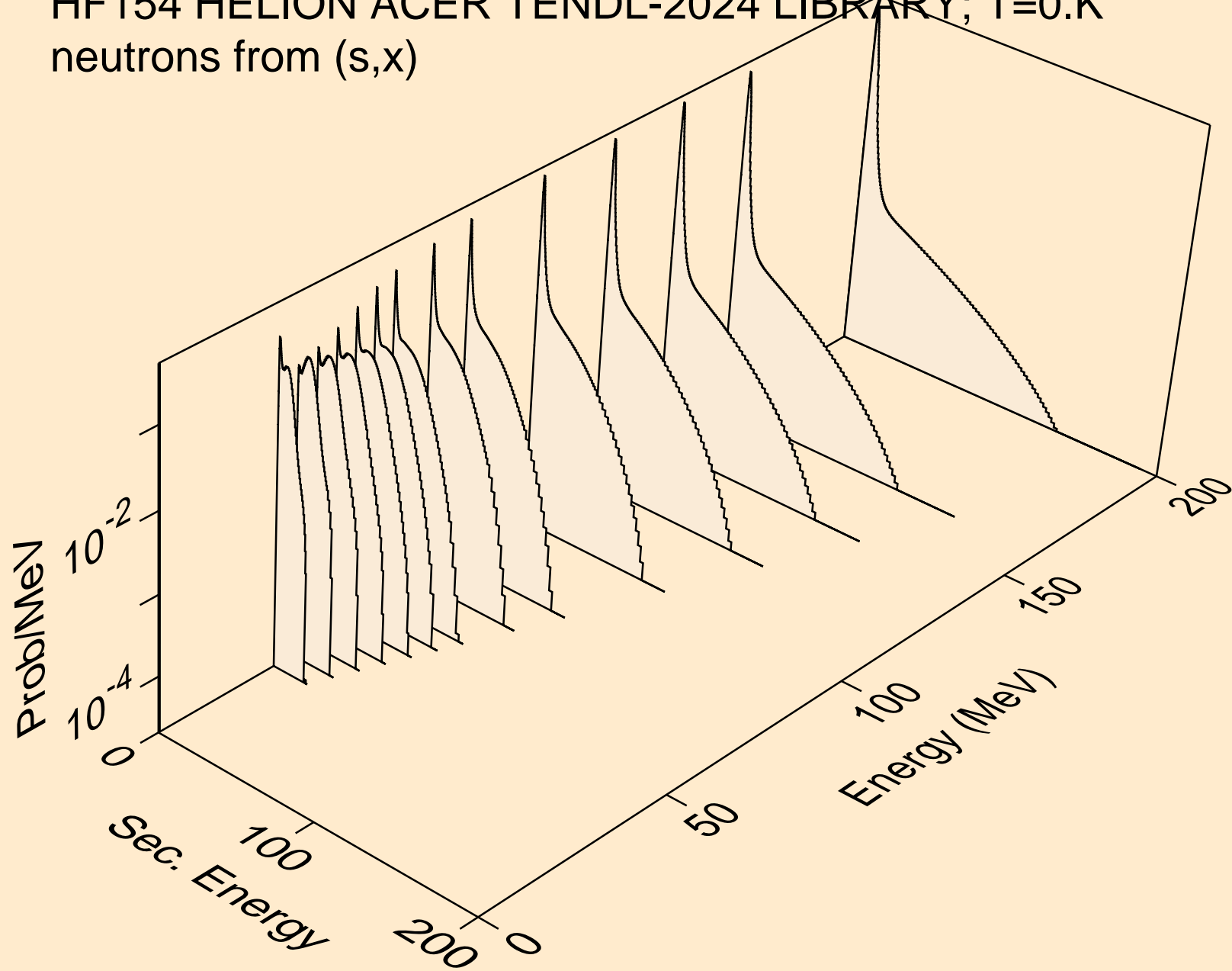
HF154 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



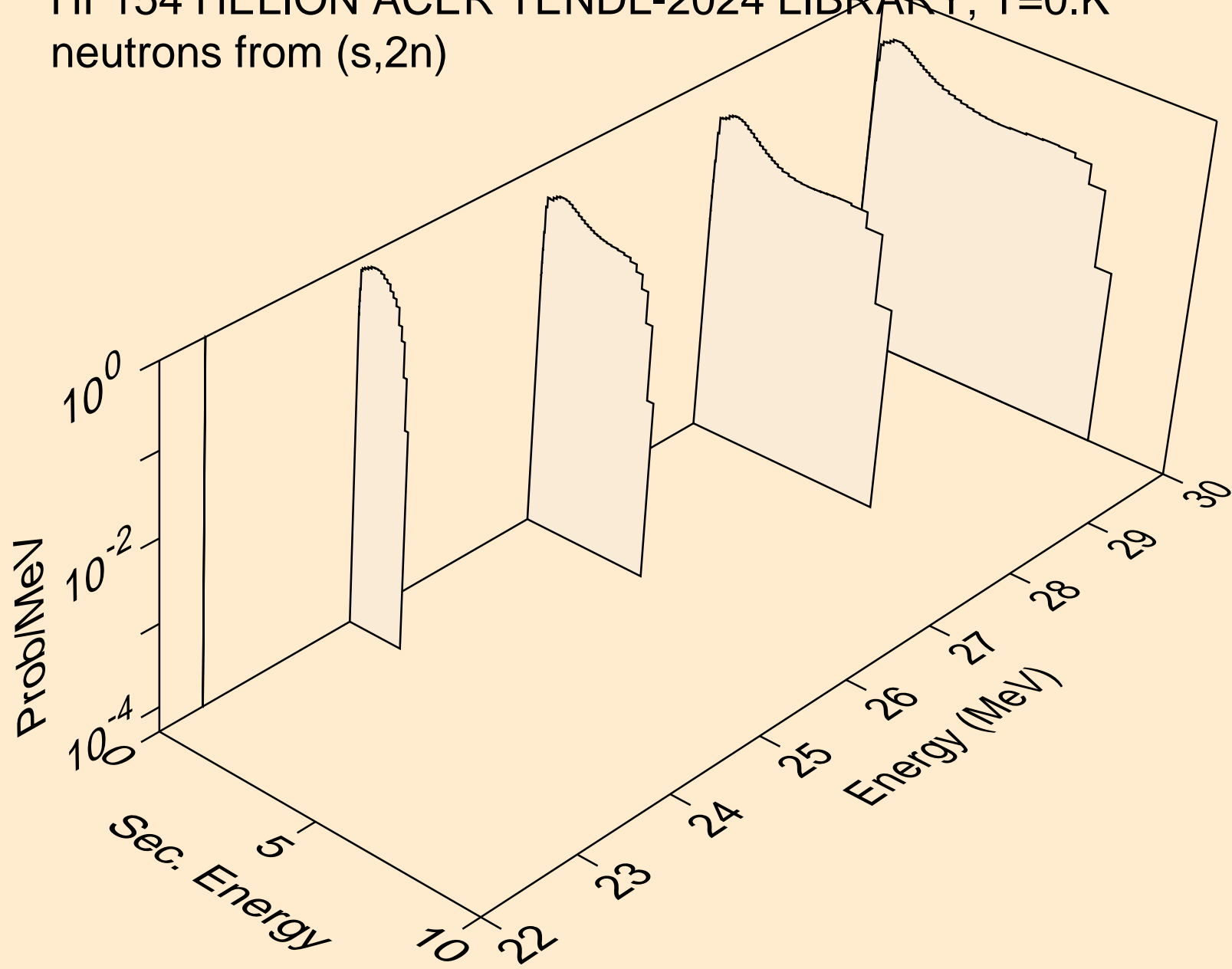
HF154 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n)



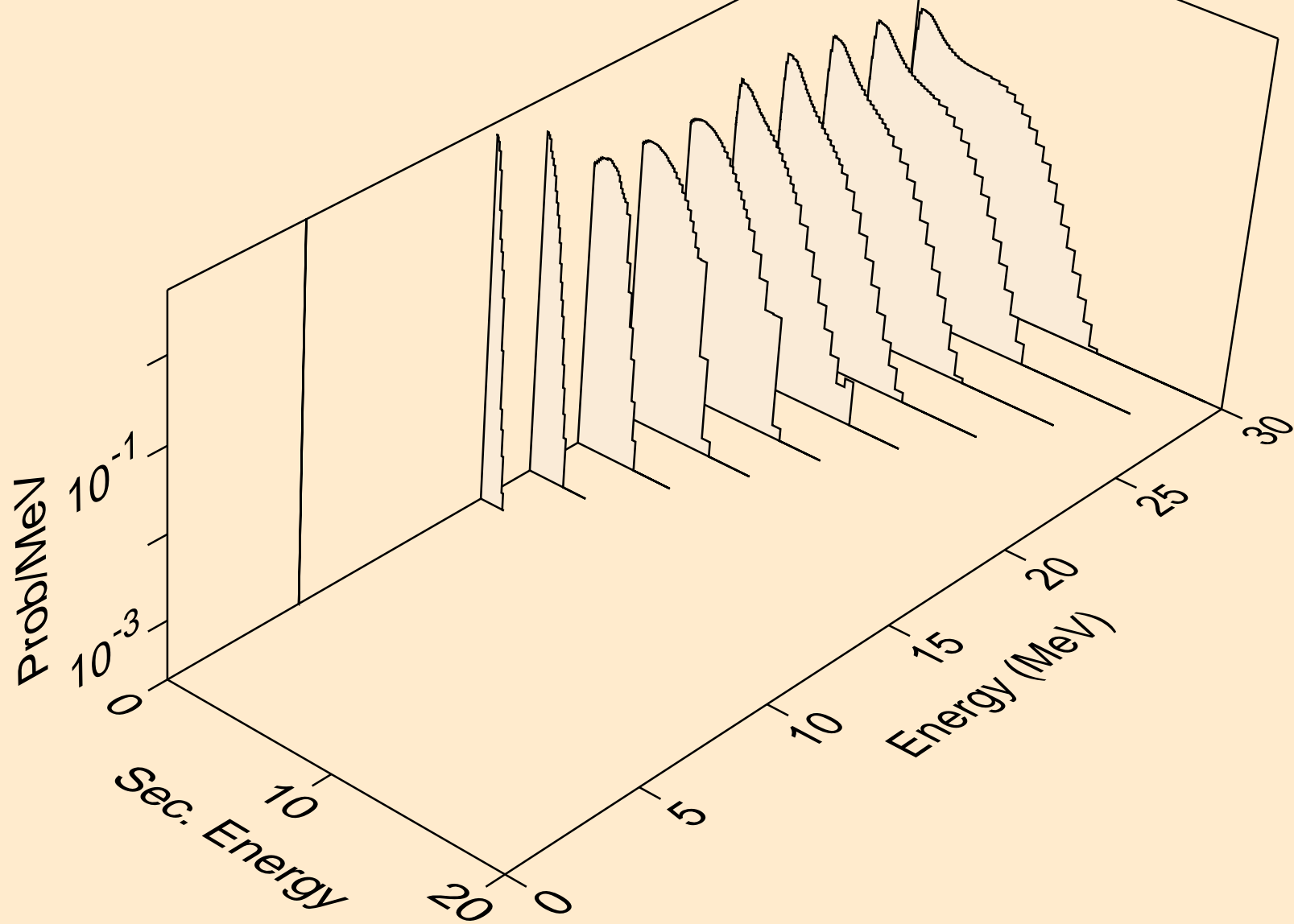
HF154 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,x)



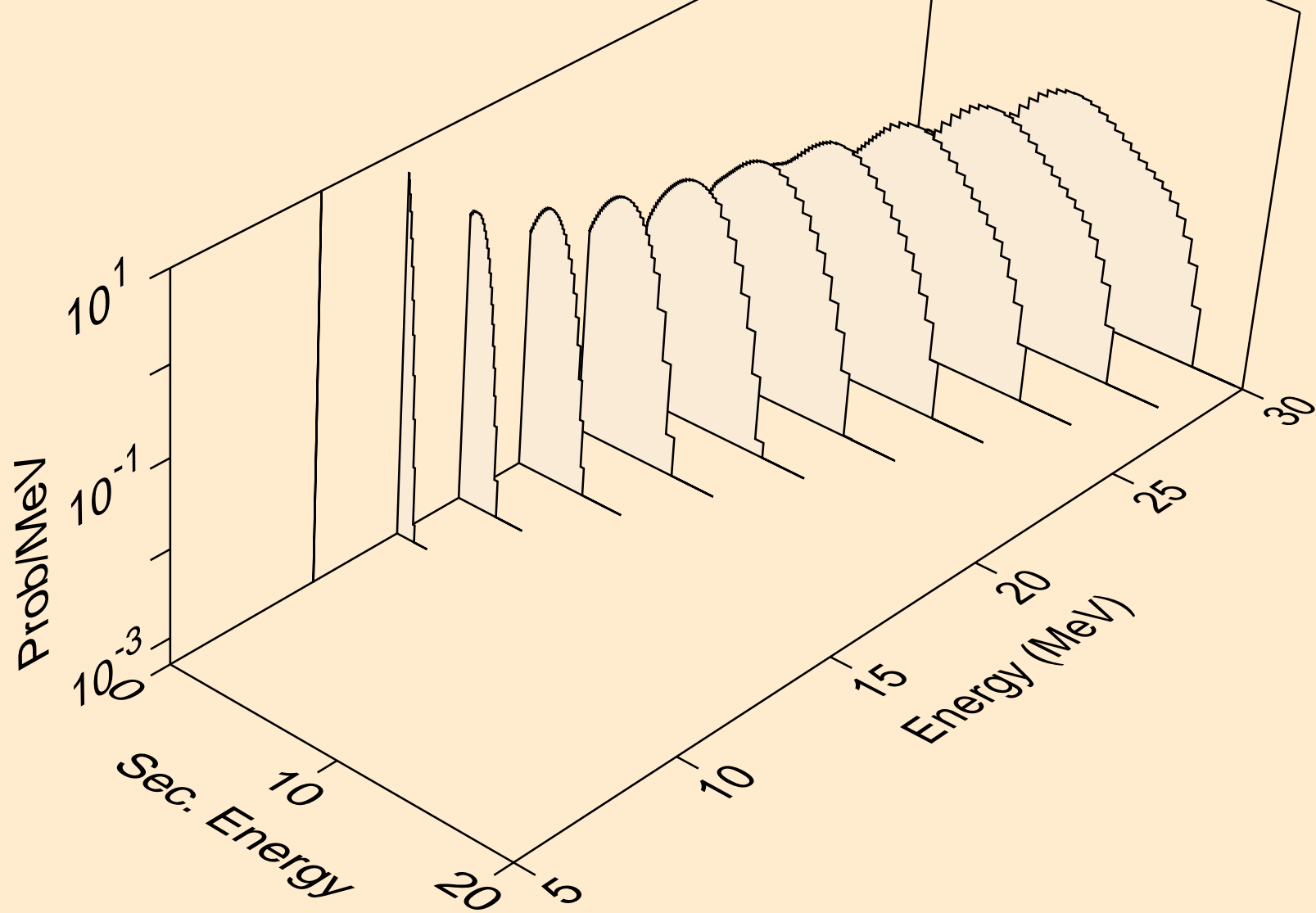
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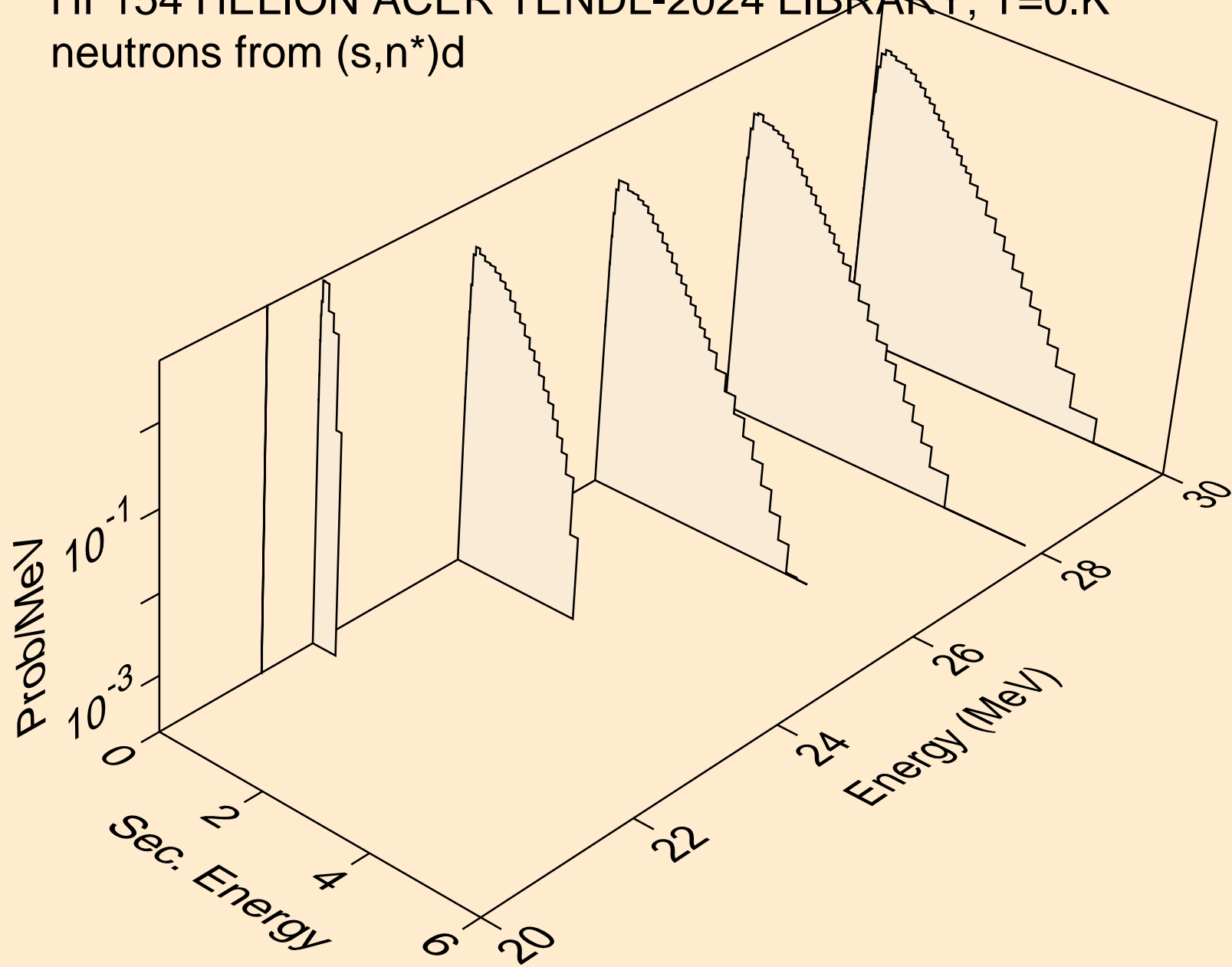
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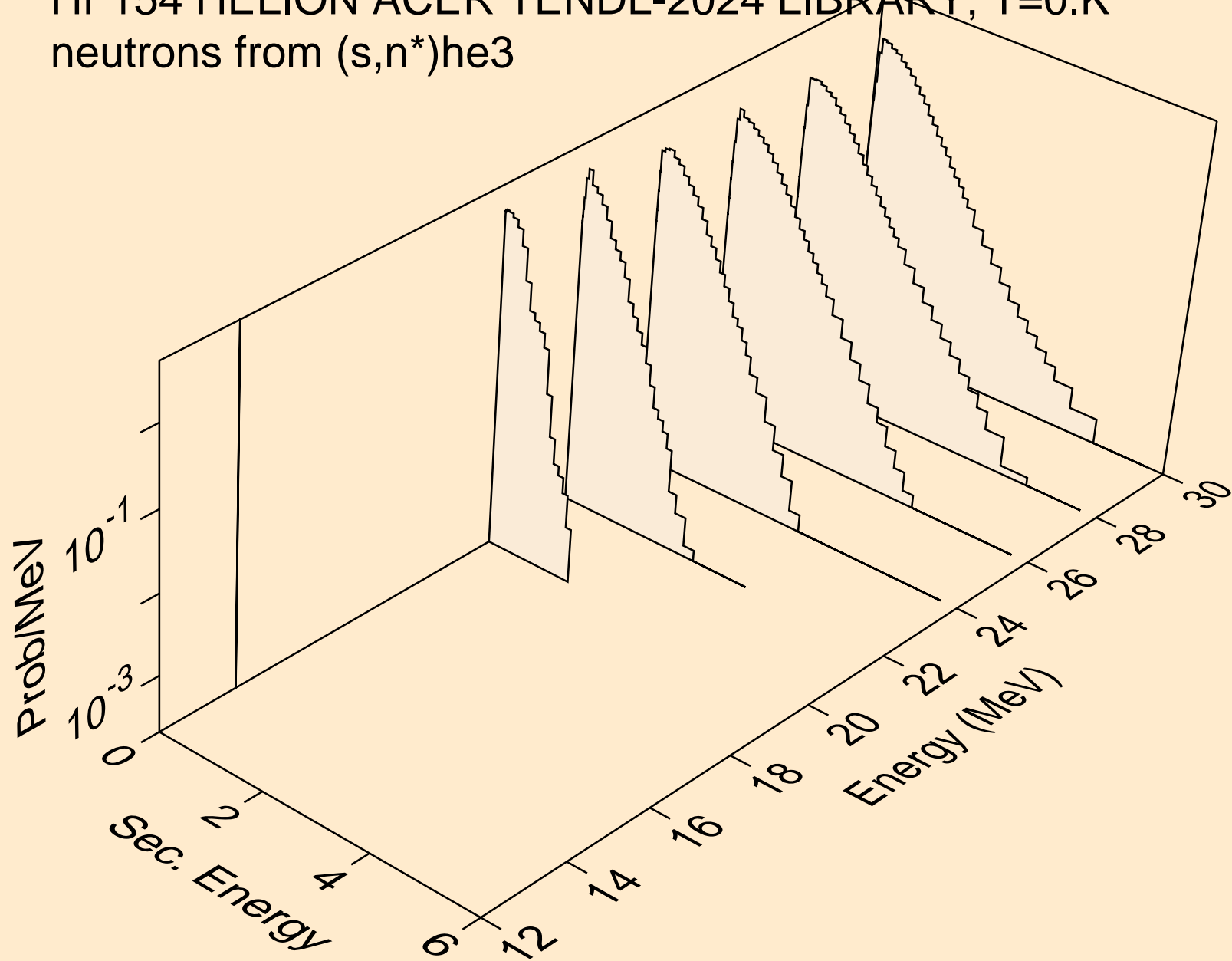
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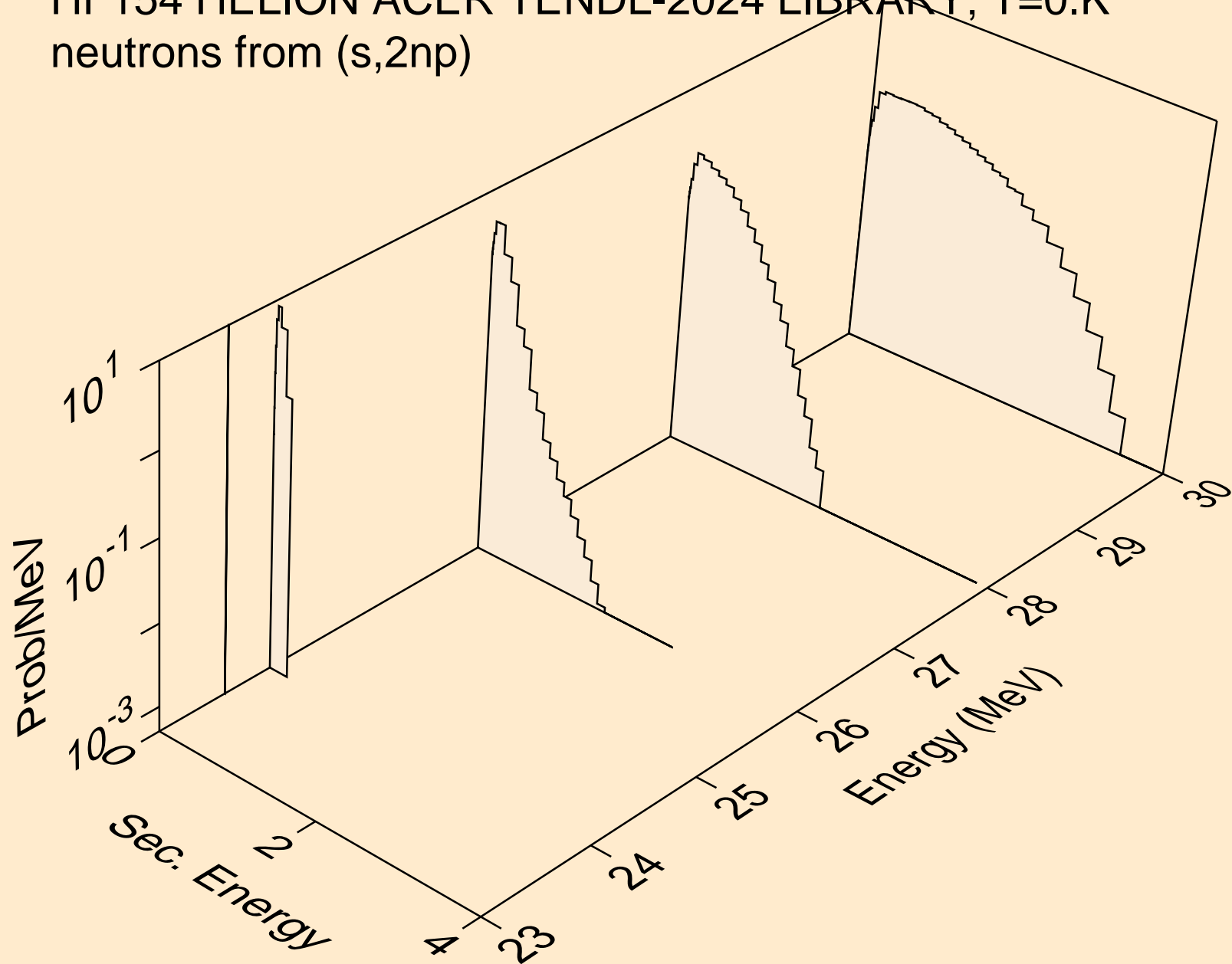
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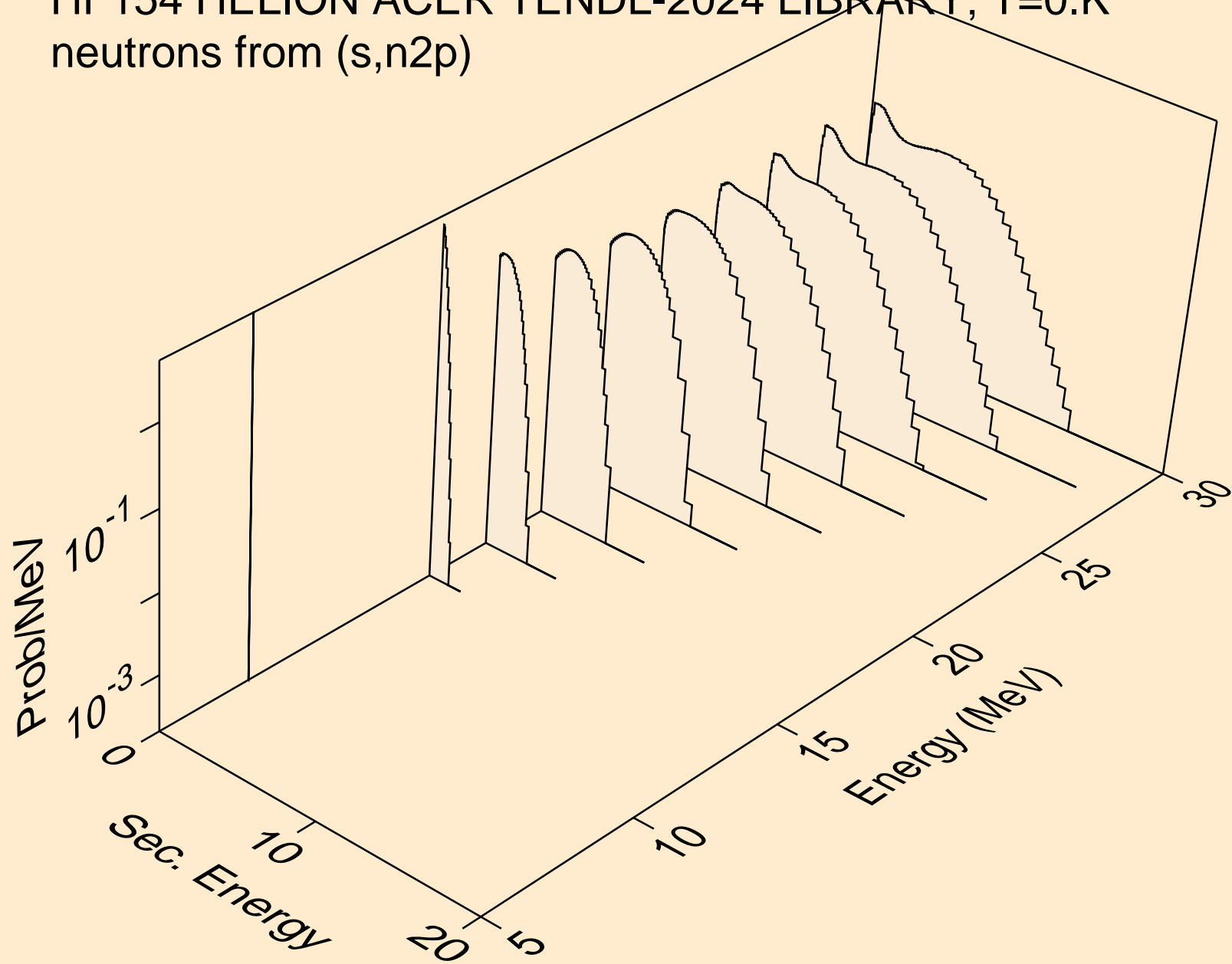
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neutrons from (s,n\*)he3



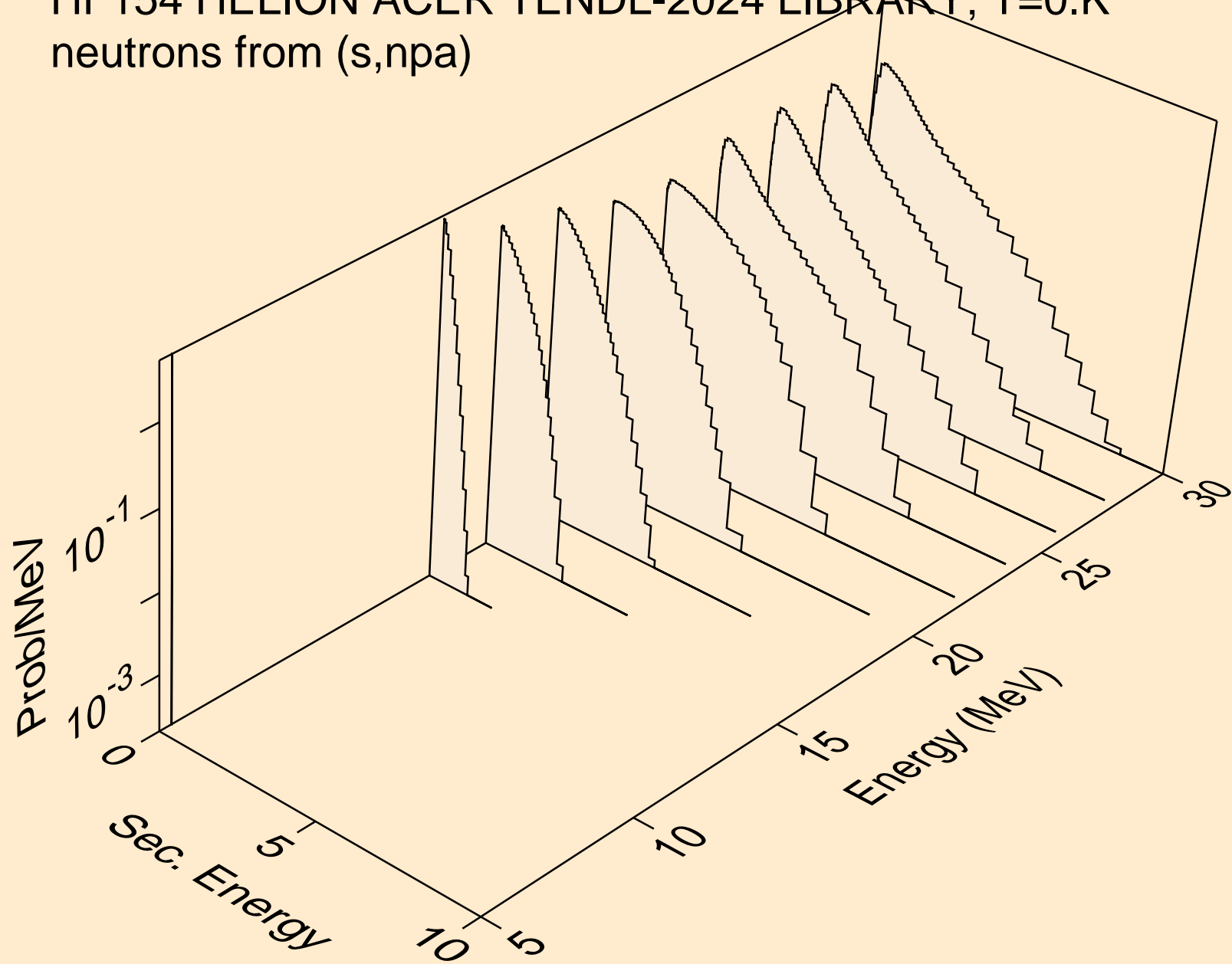
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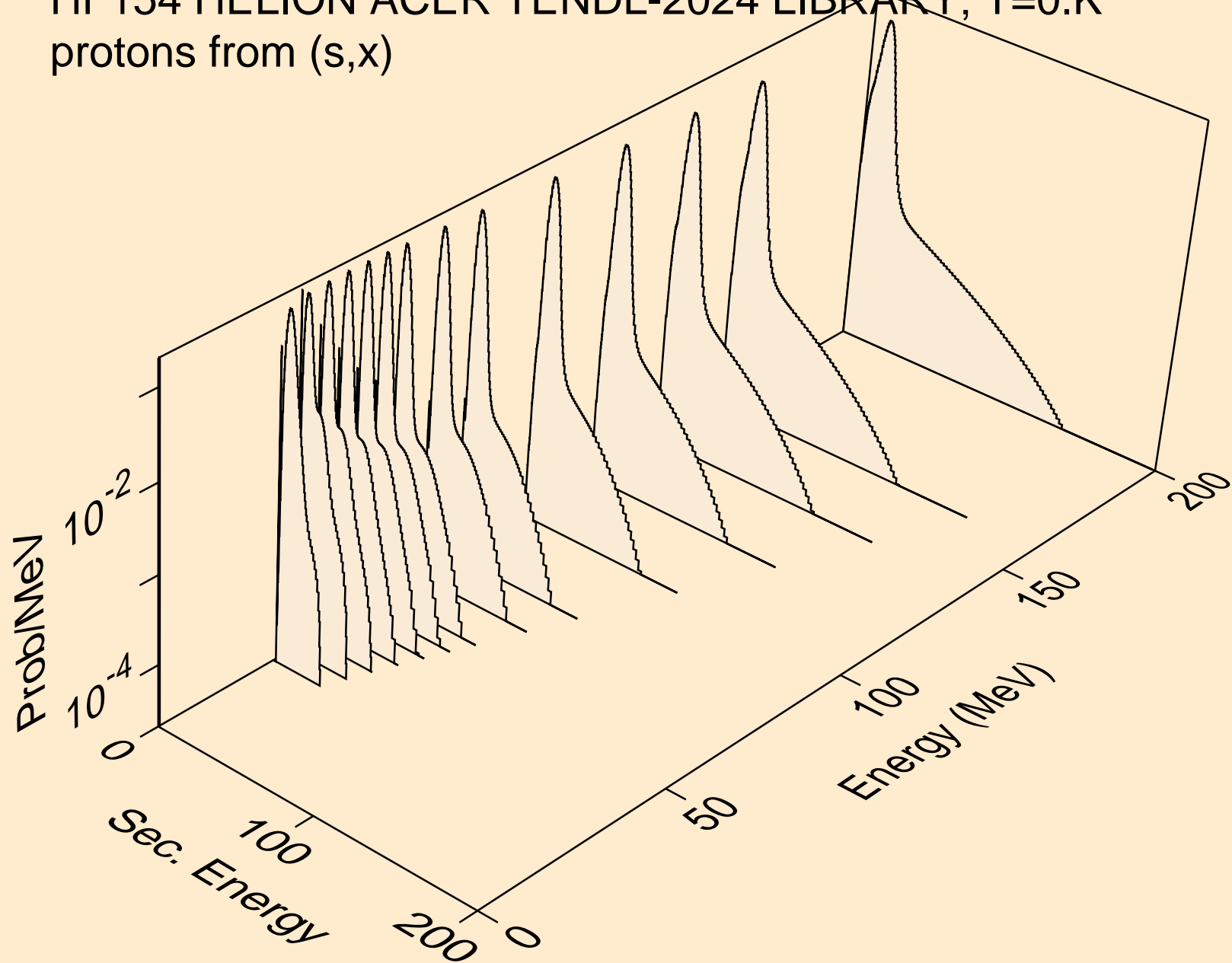
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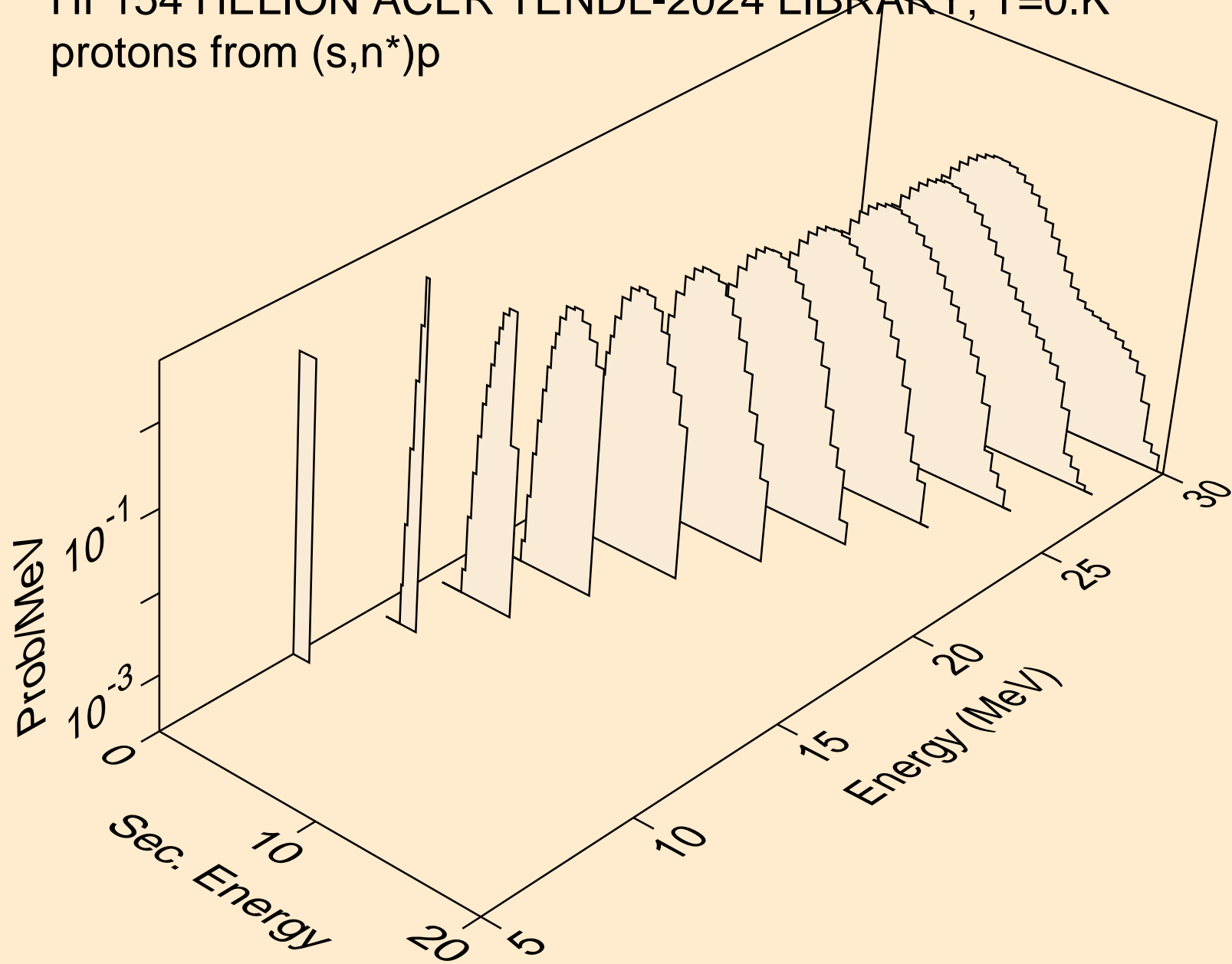
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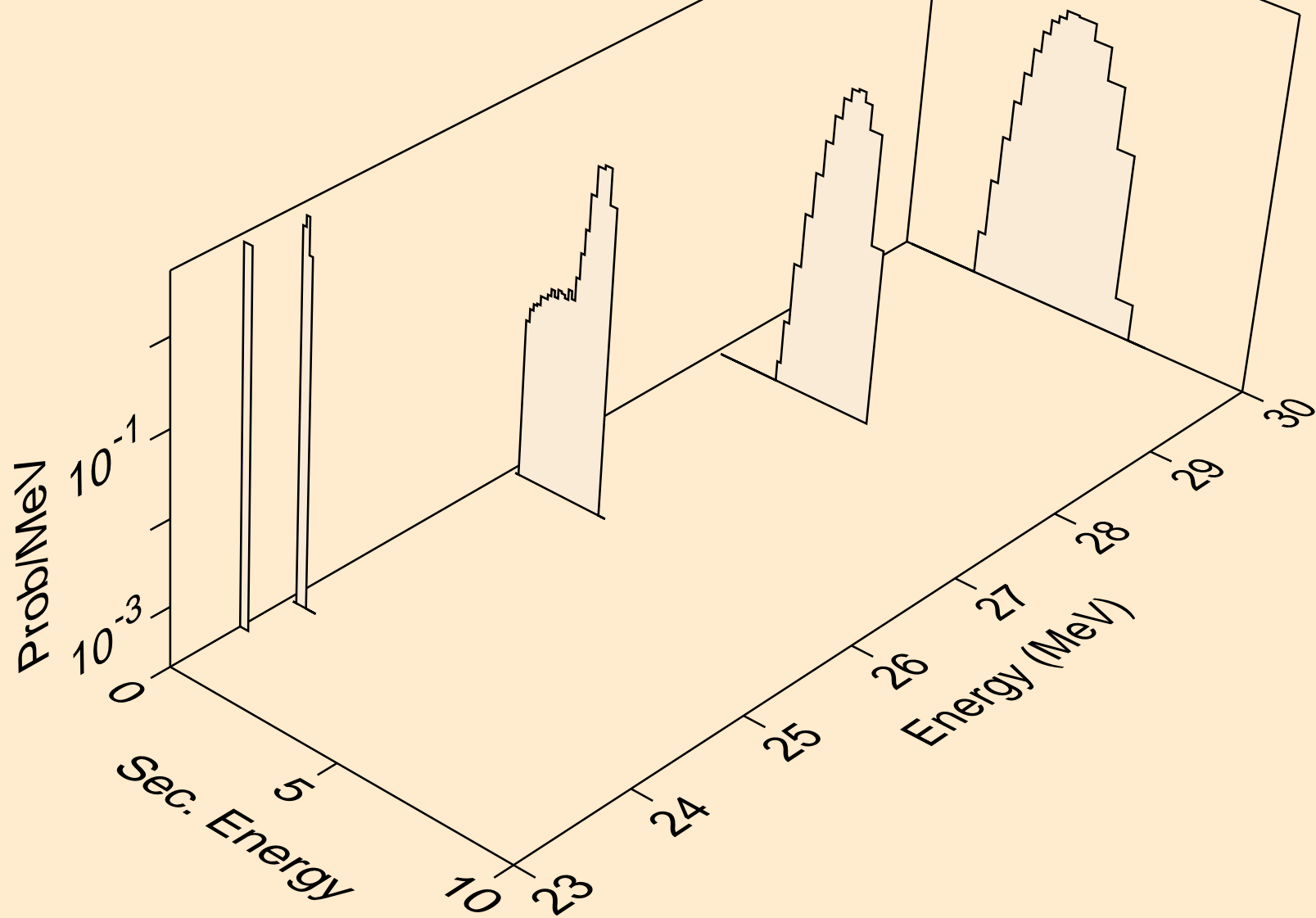
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protons from (s,x)



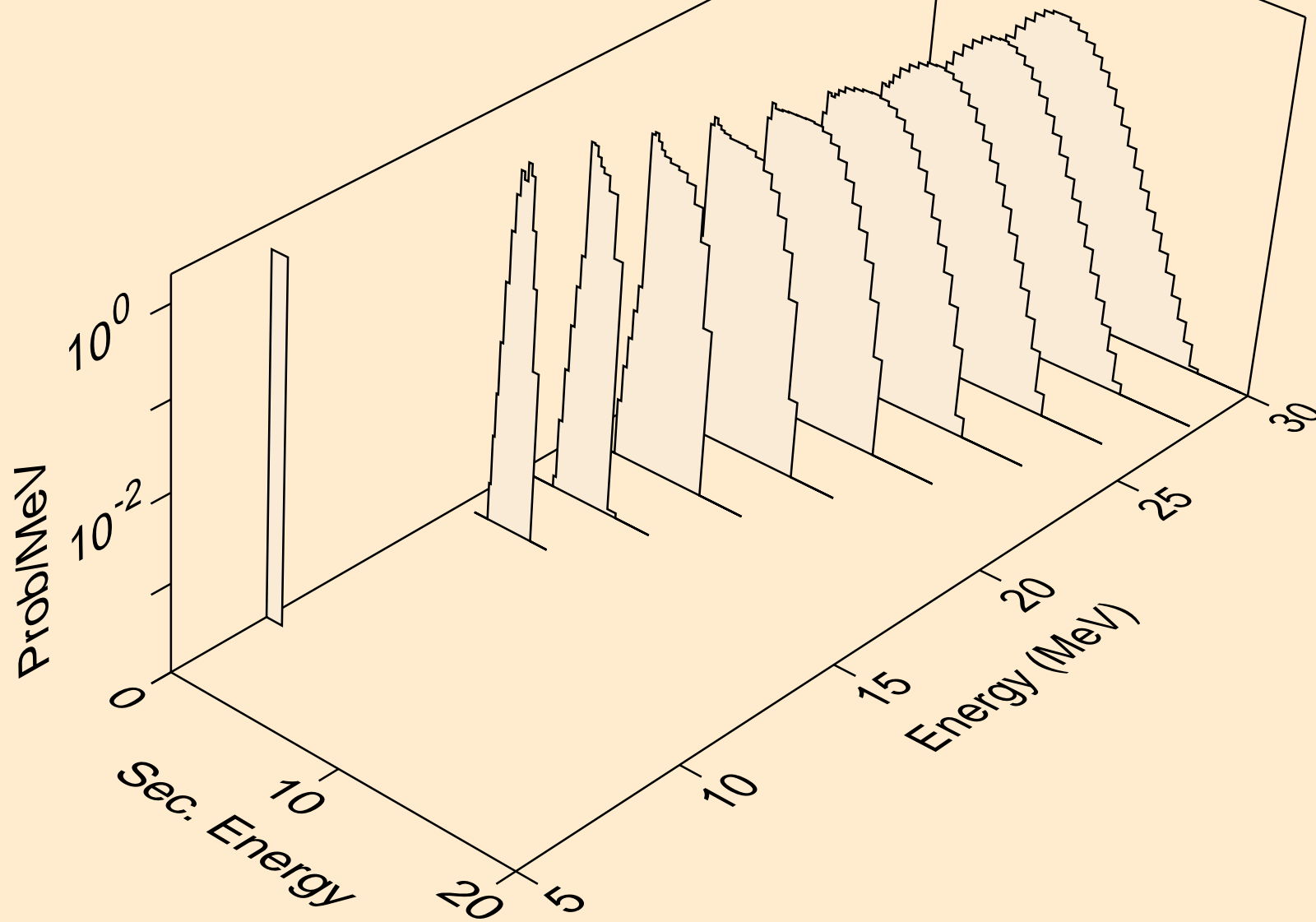
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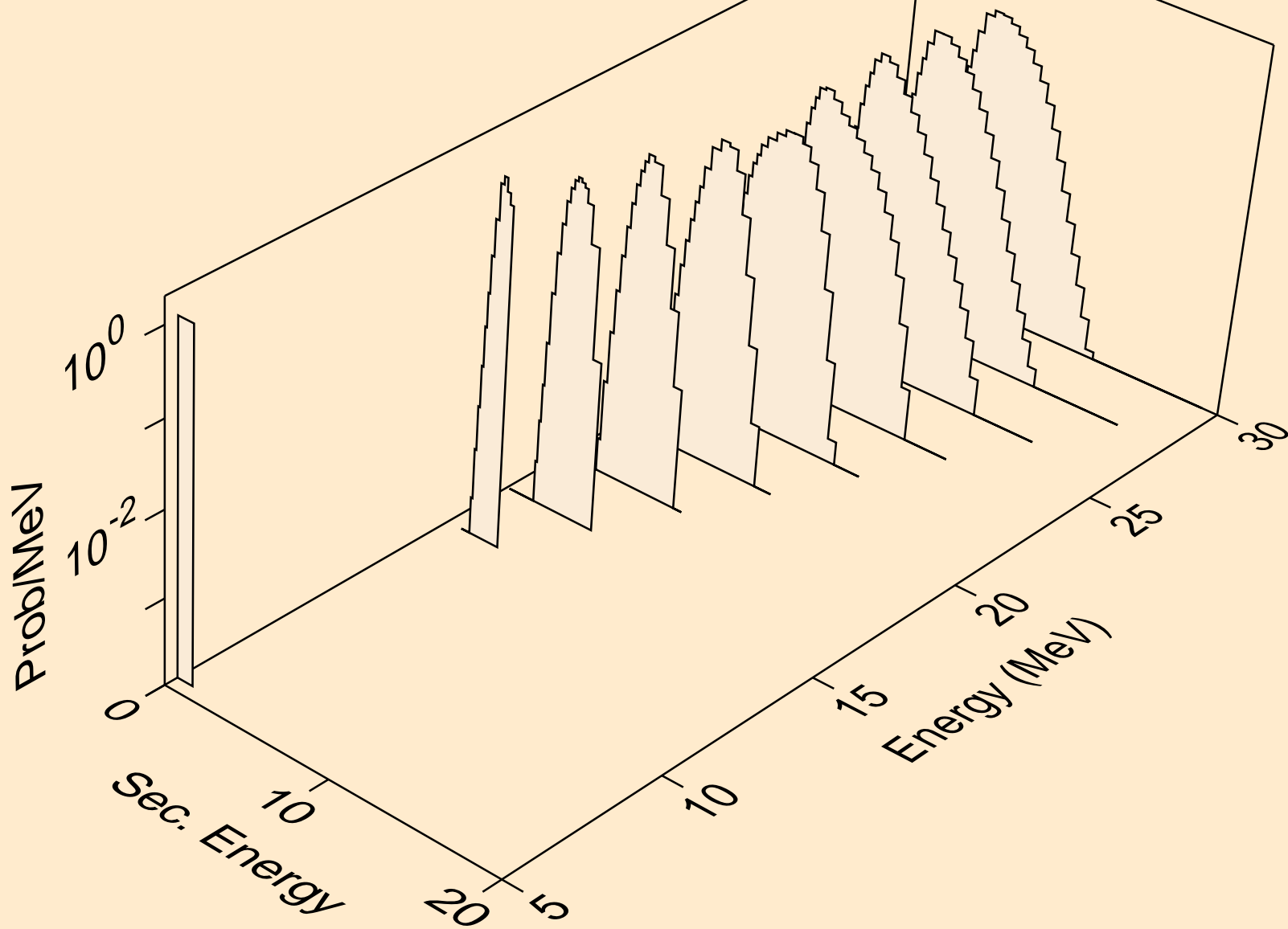
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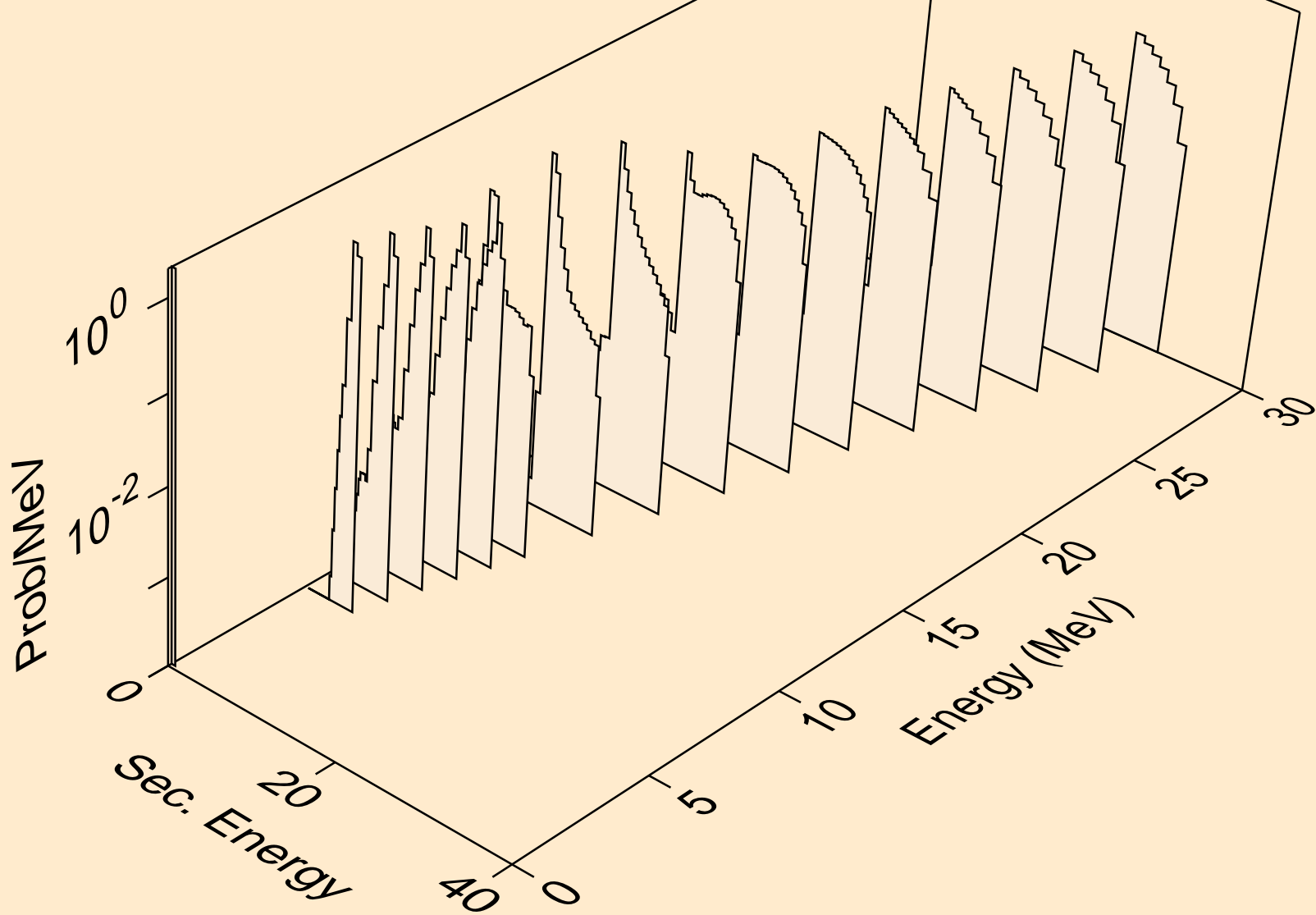
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protons from (s,n2p)



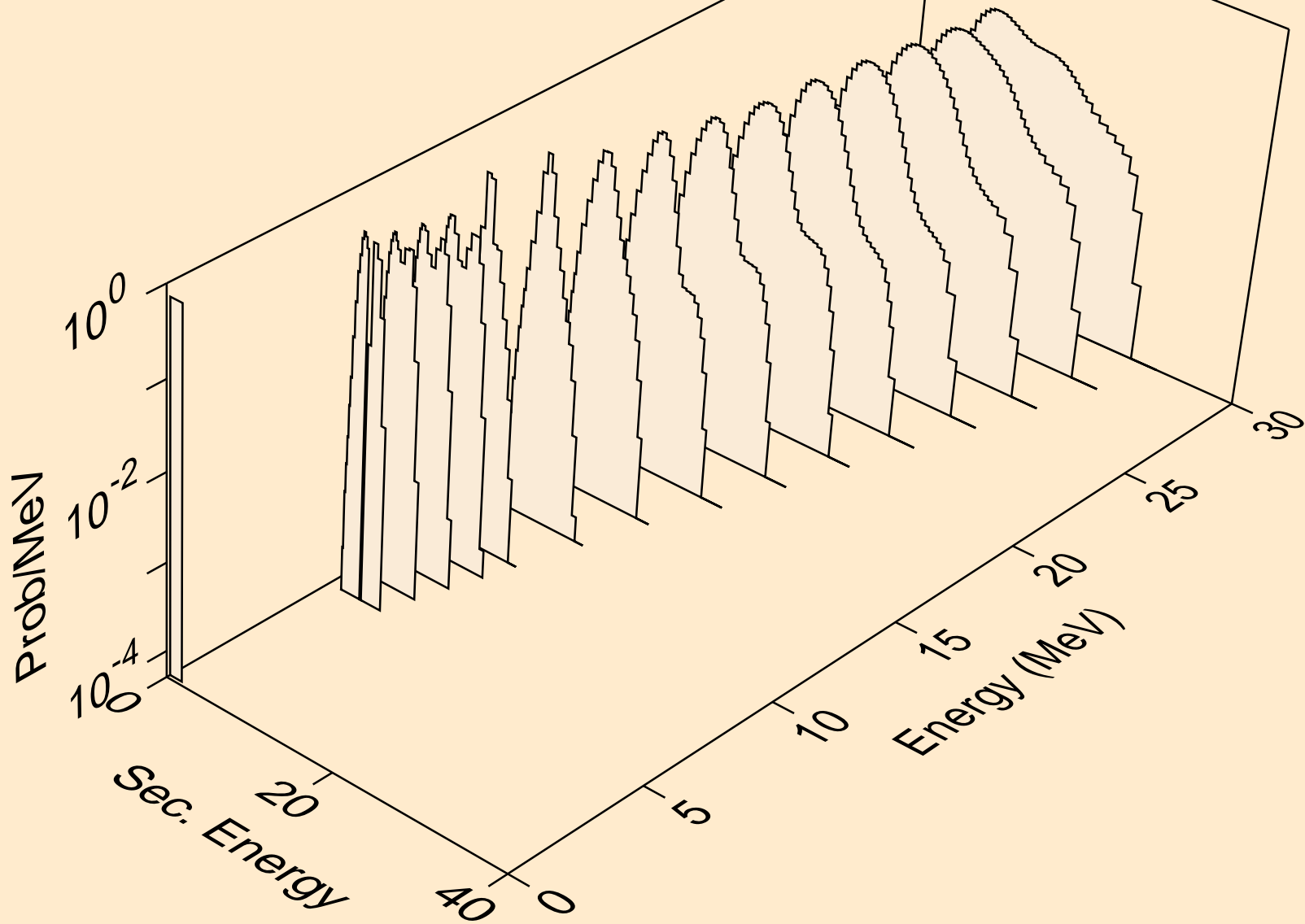
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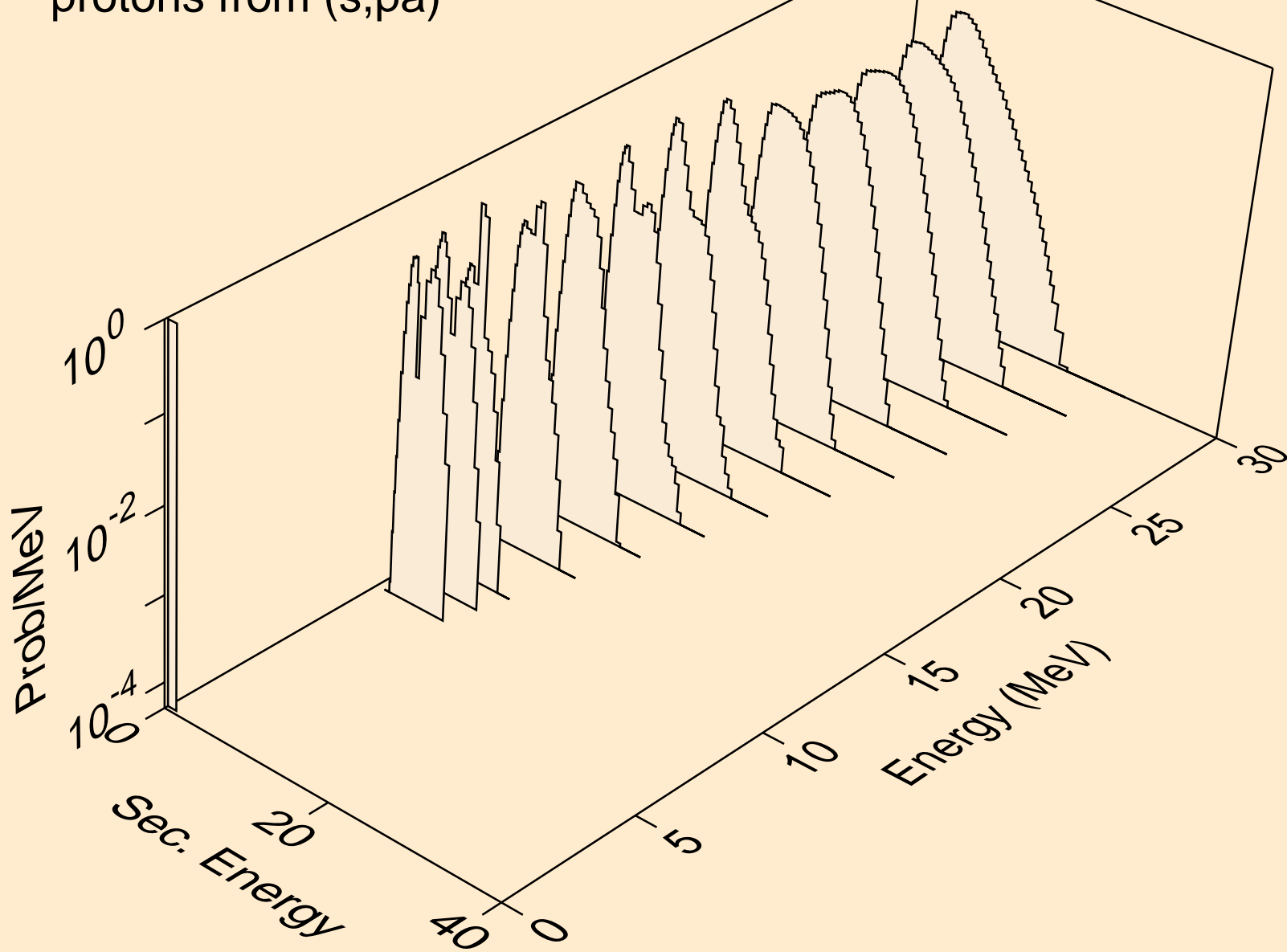
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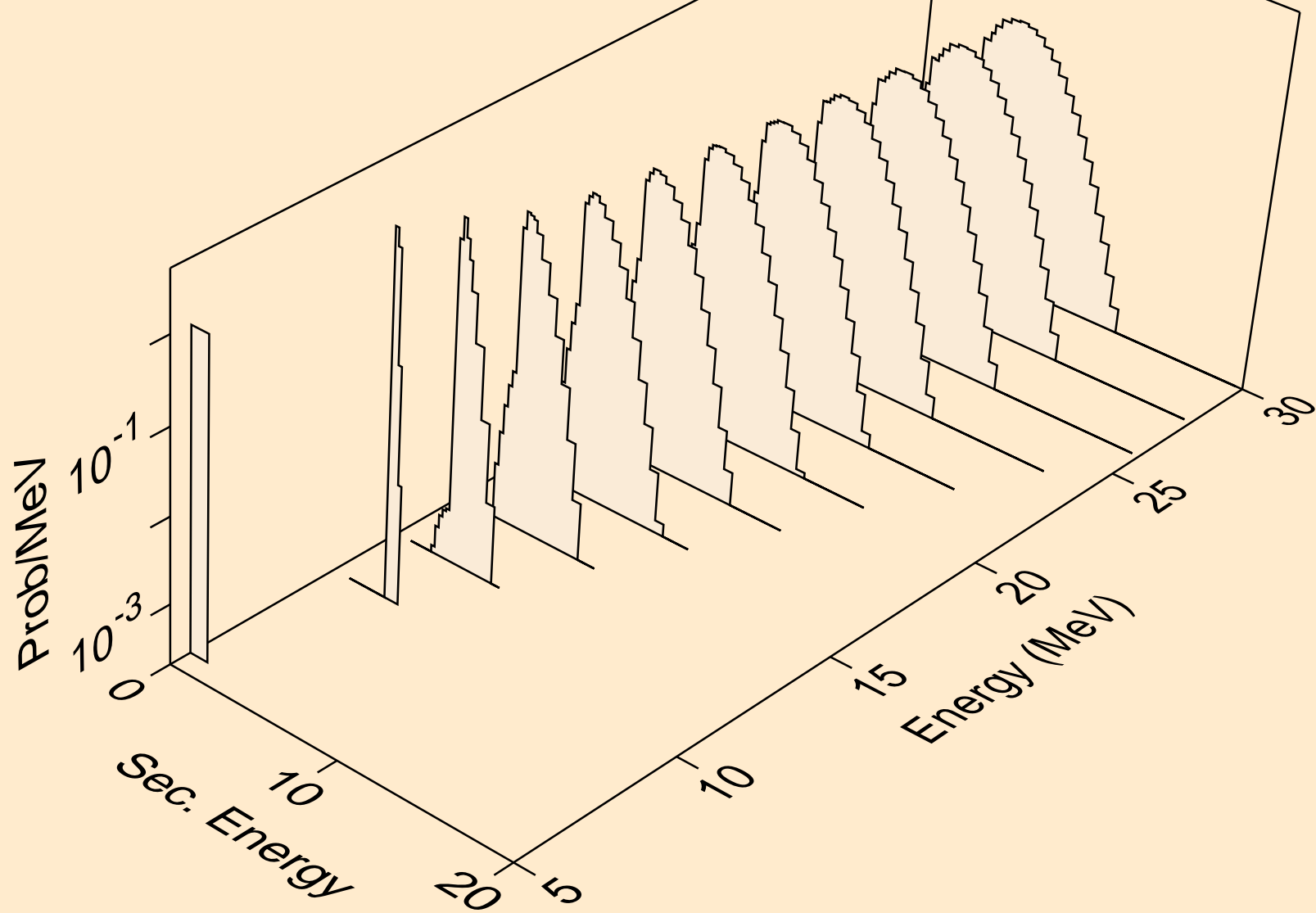
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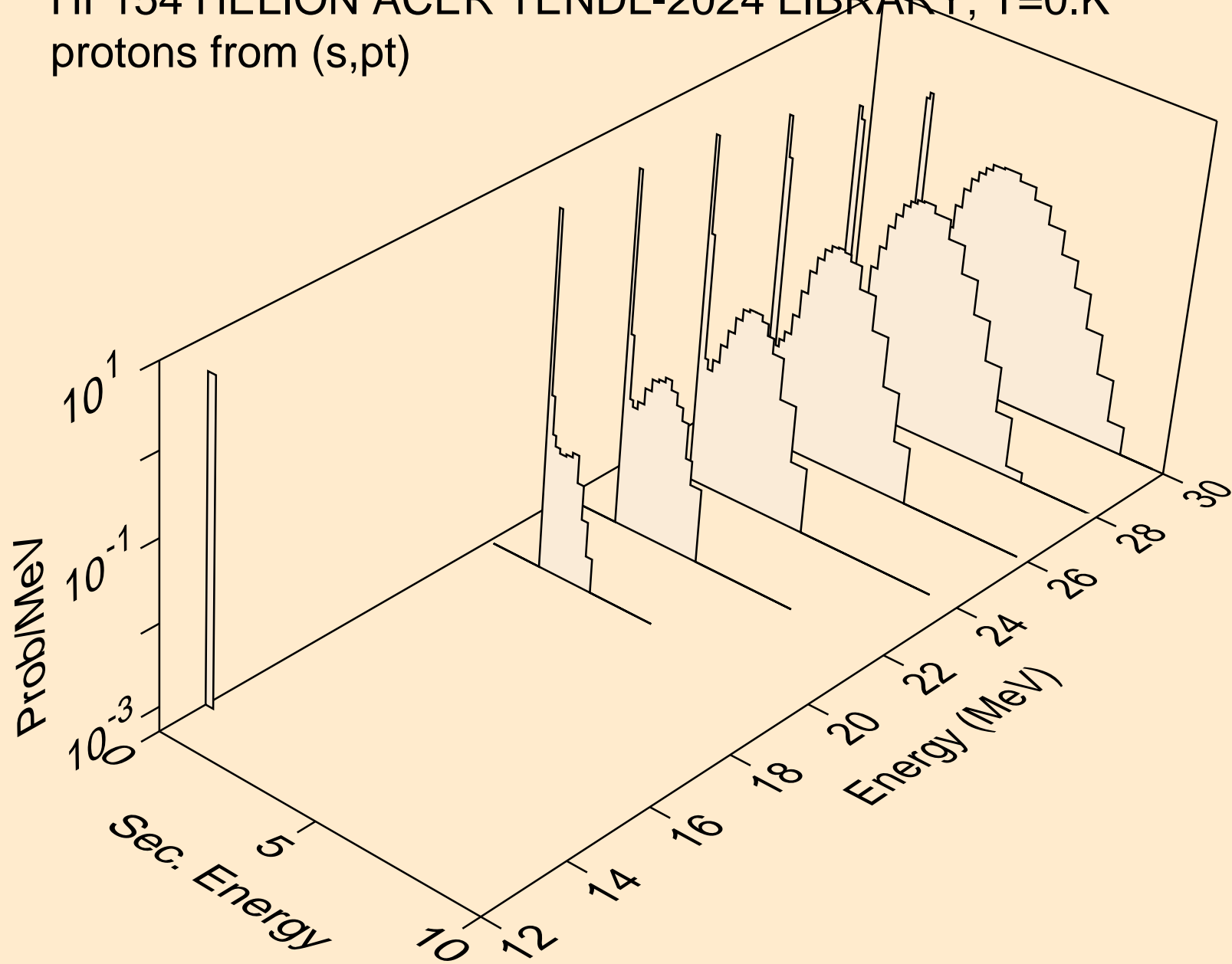
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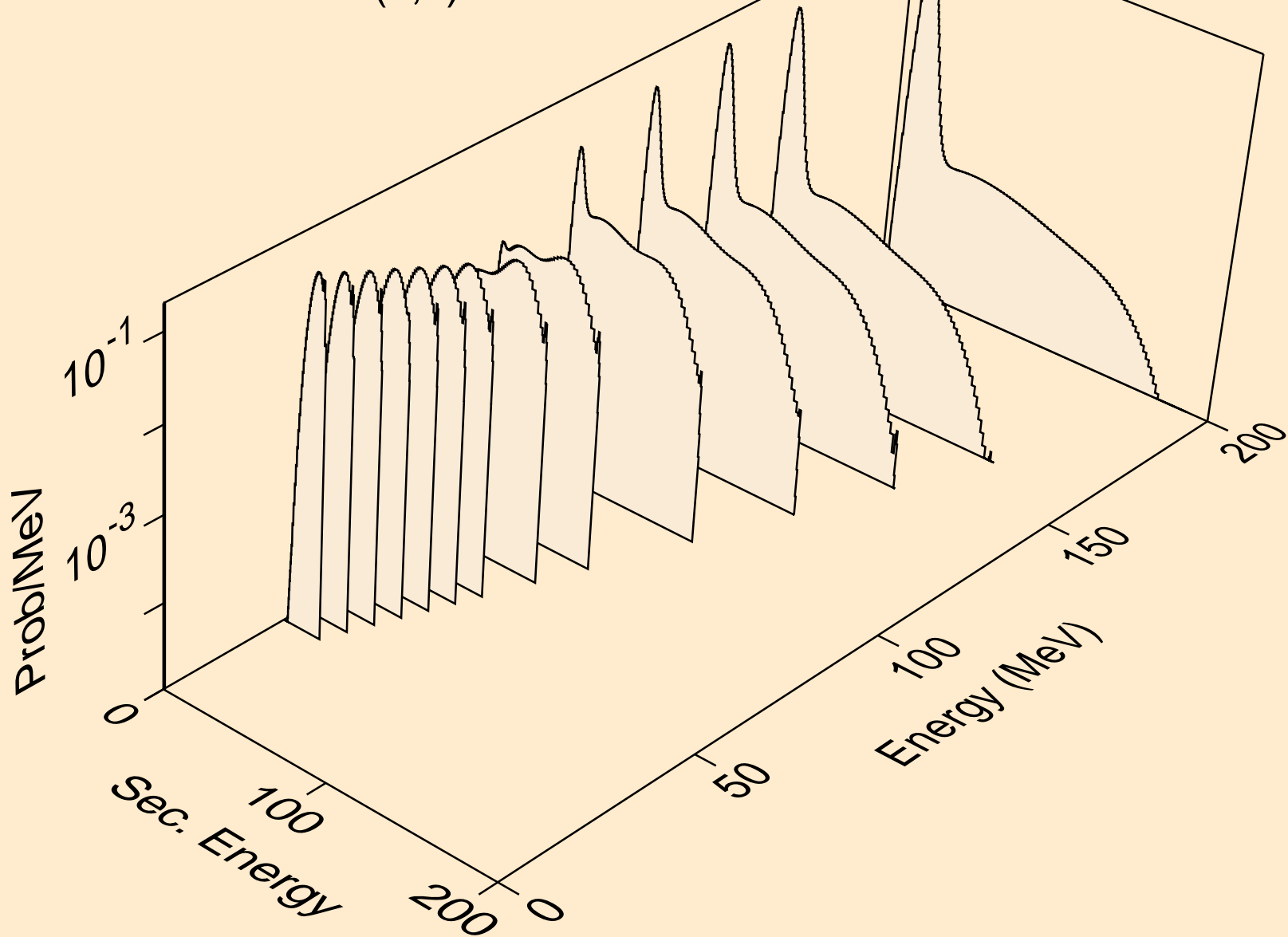
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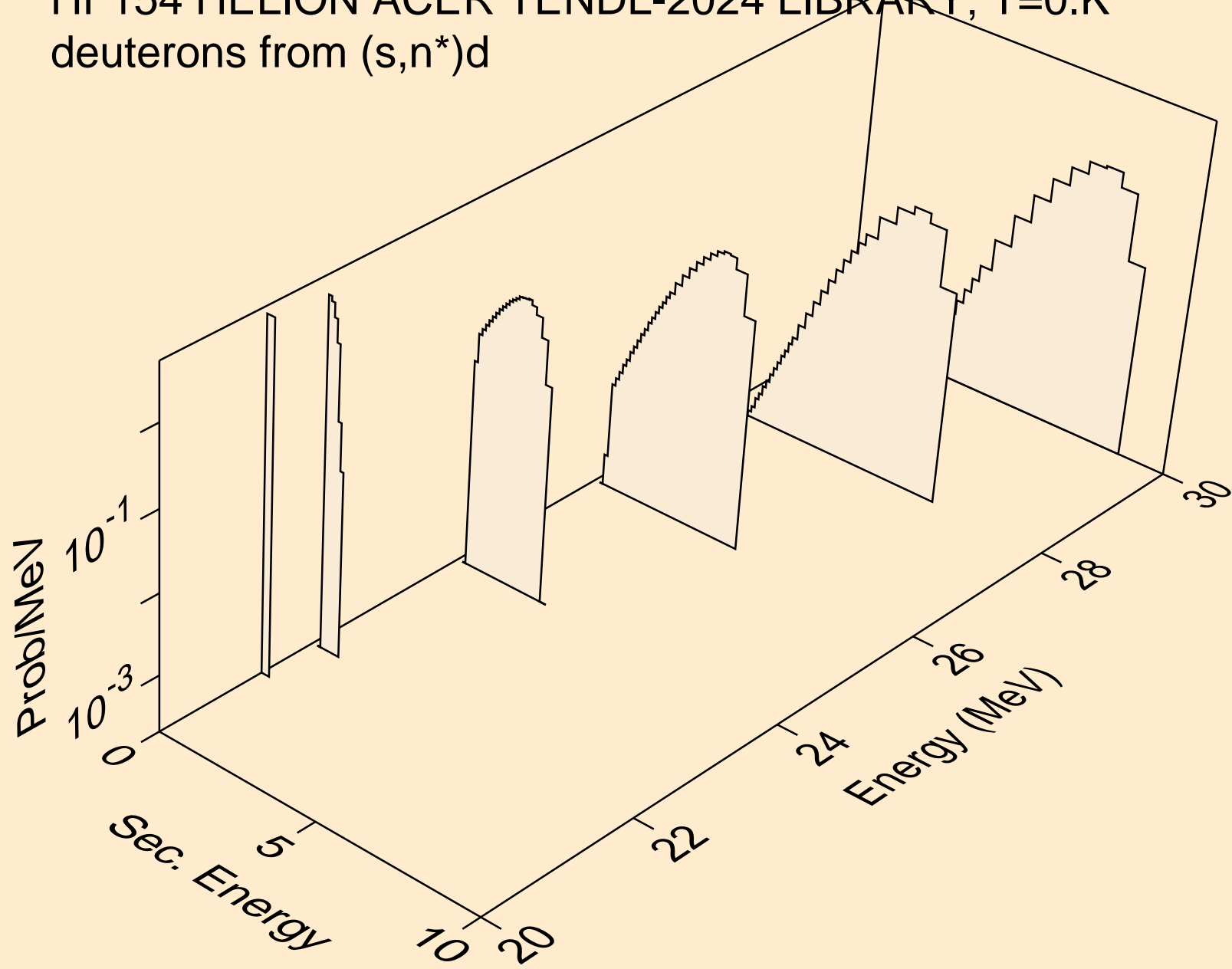
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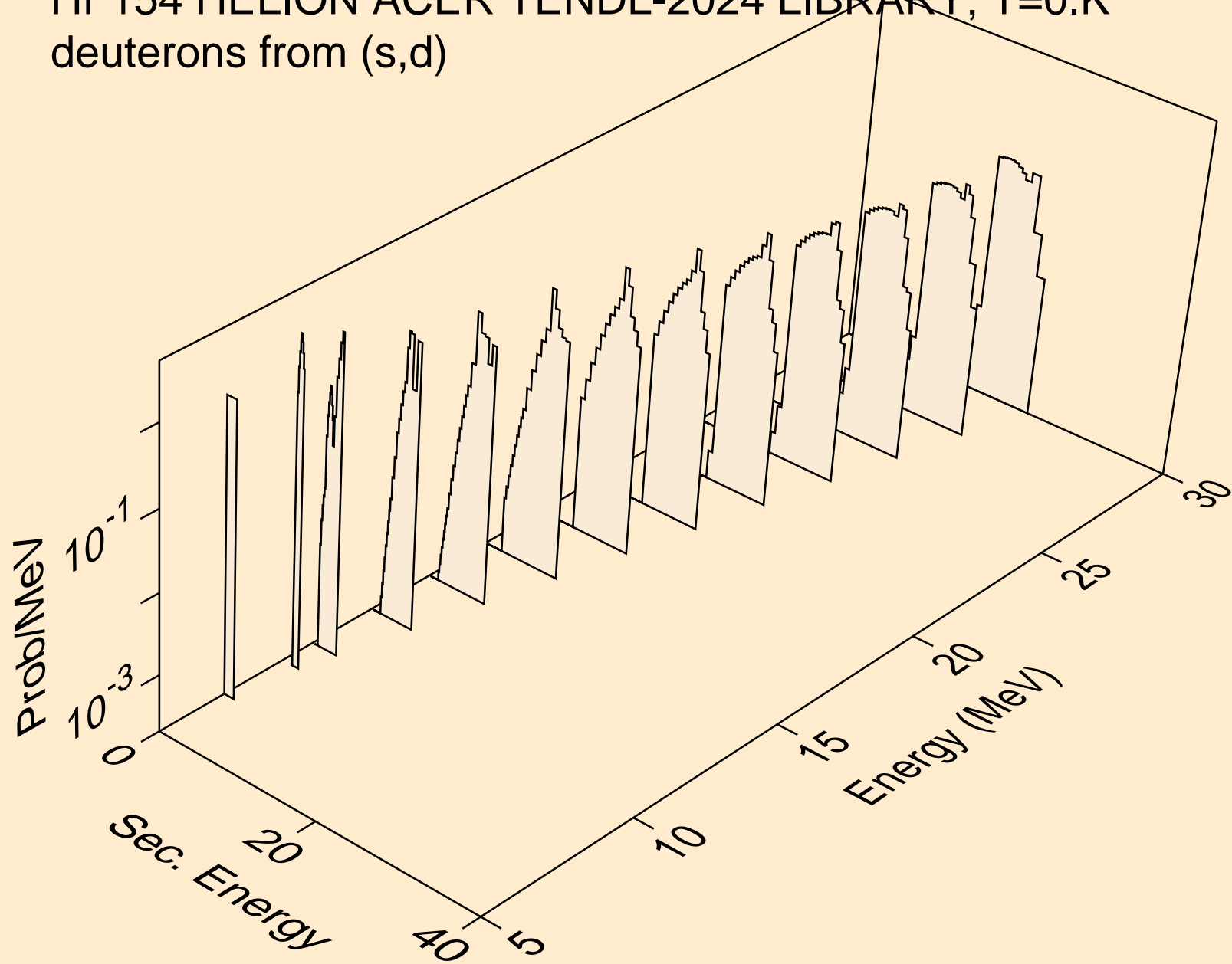
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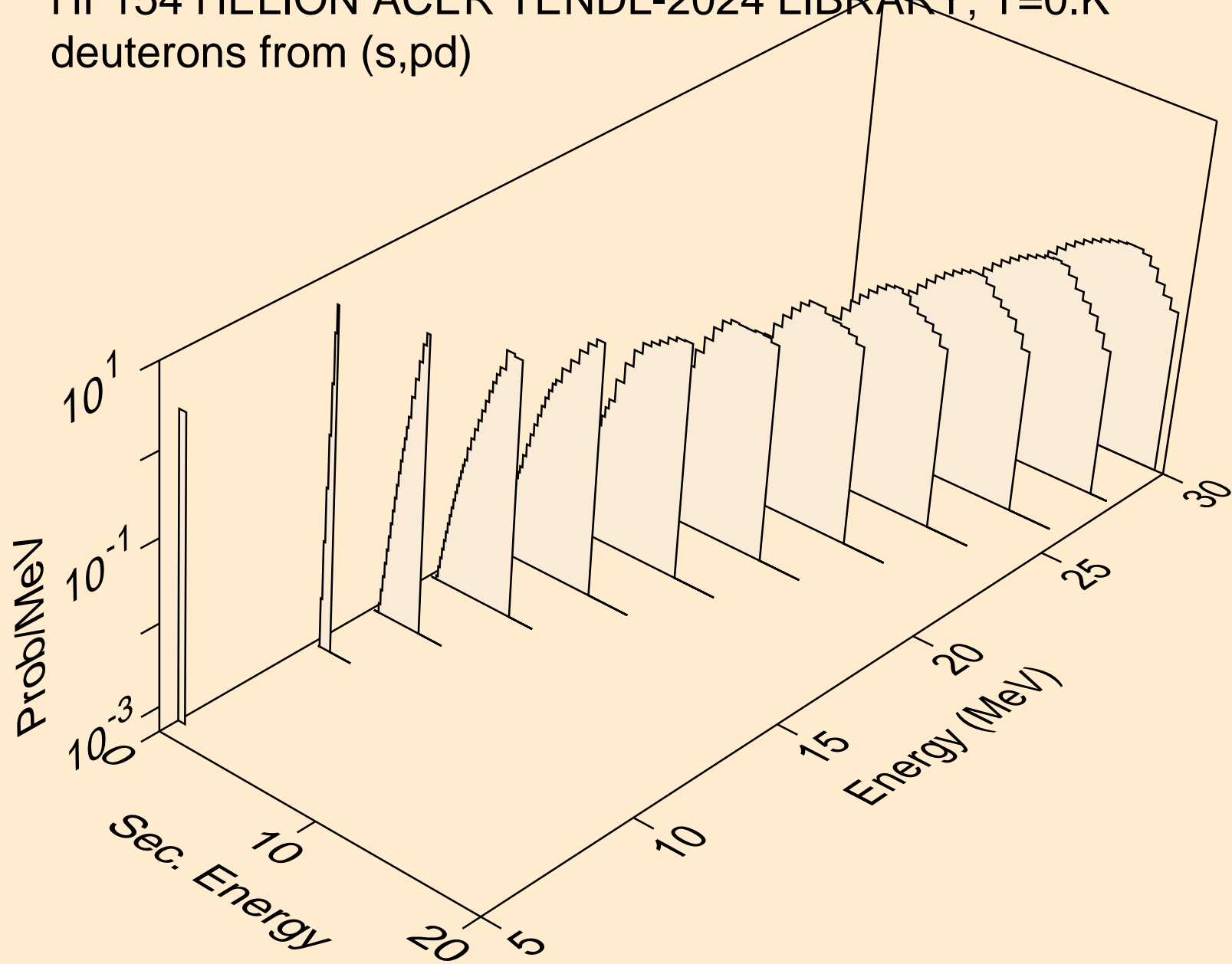
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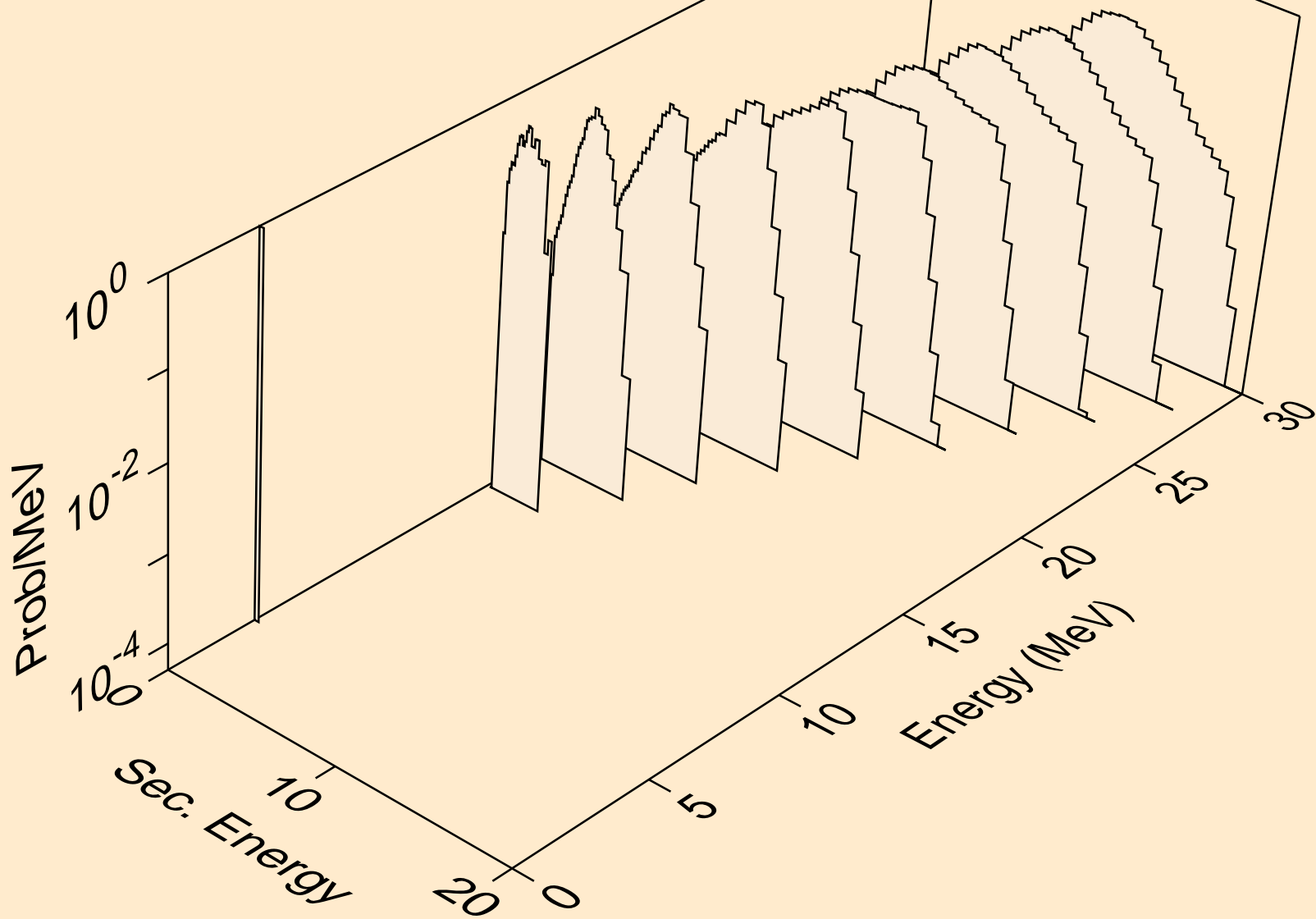
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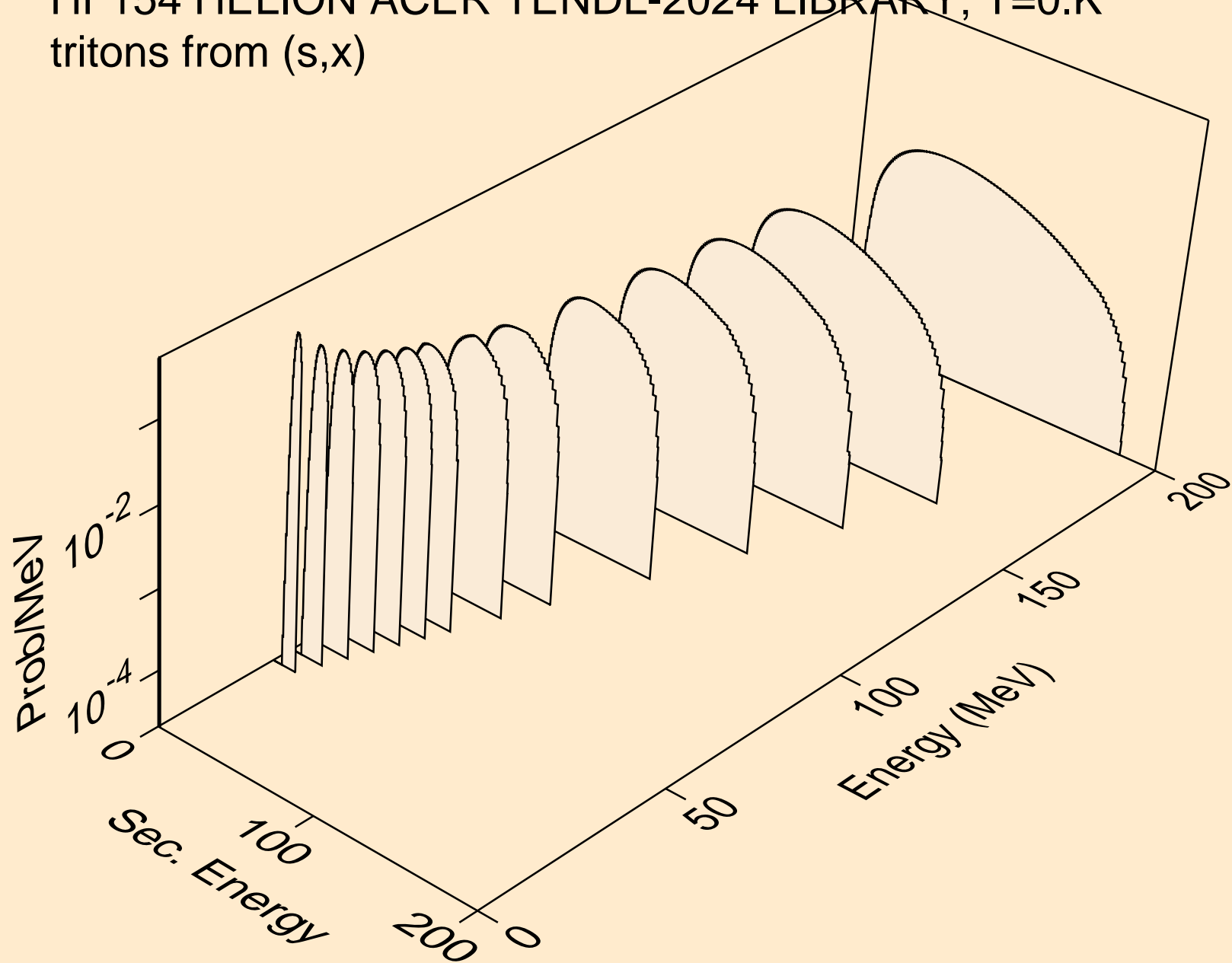
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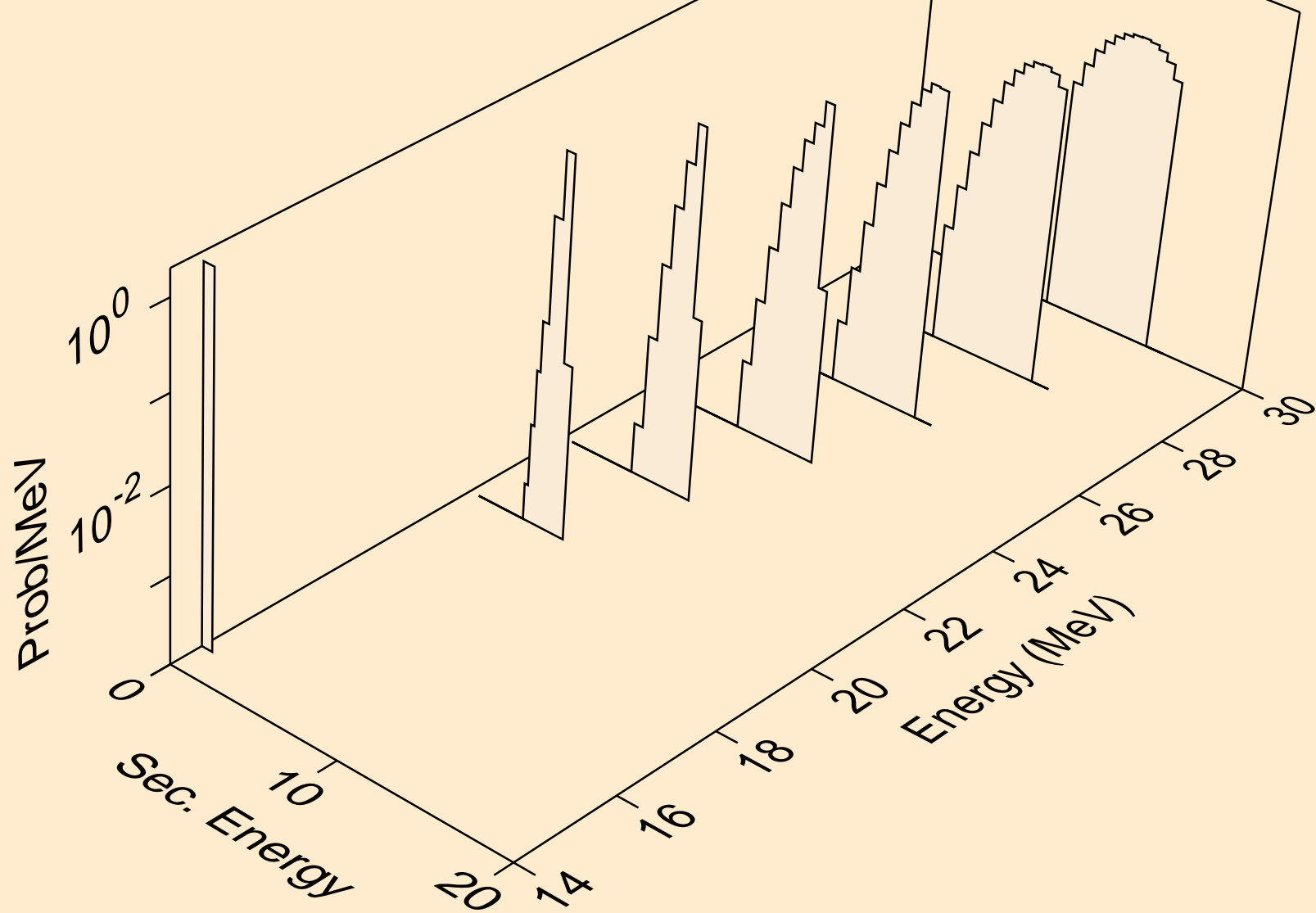
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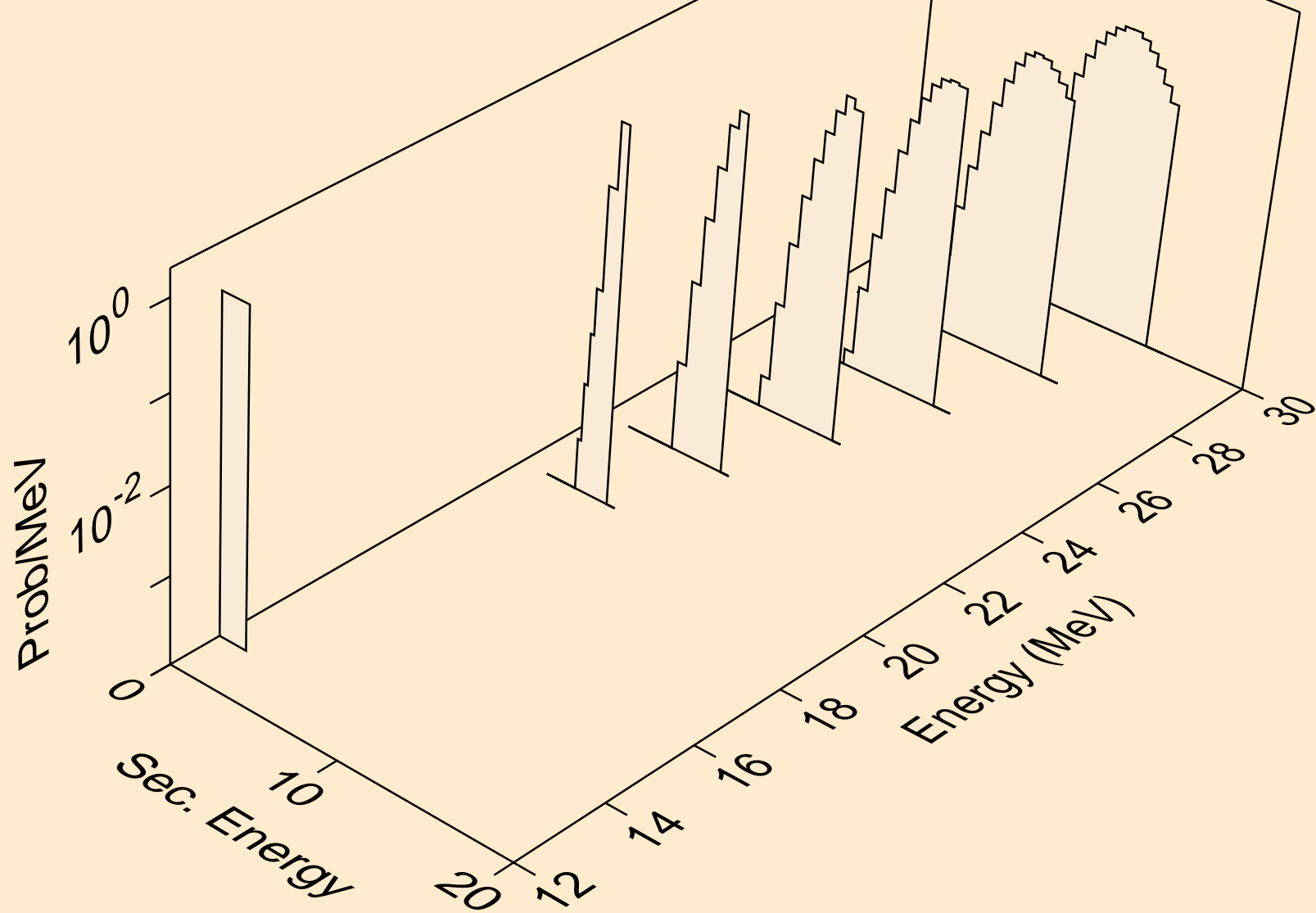
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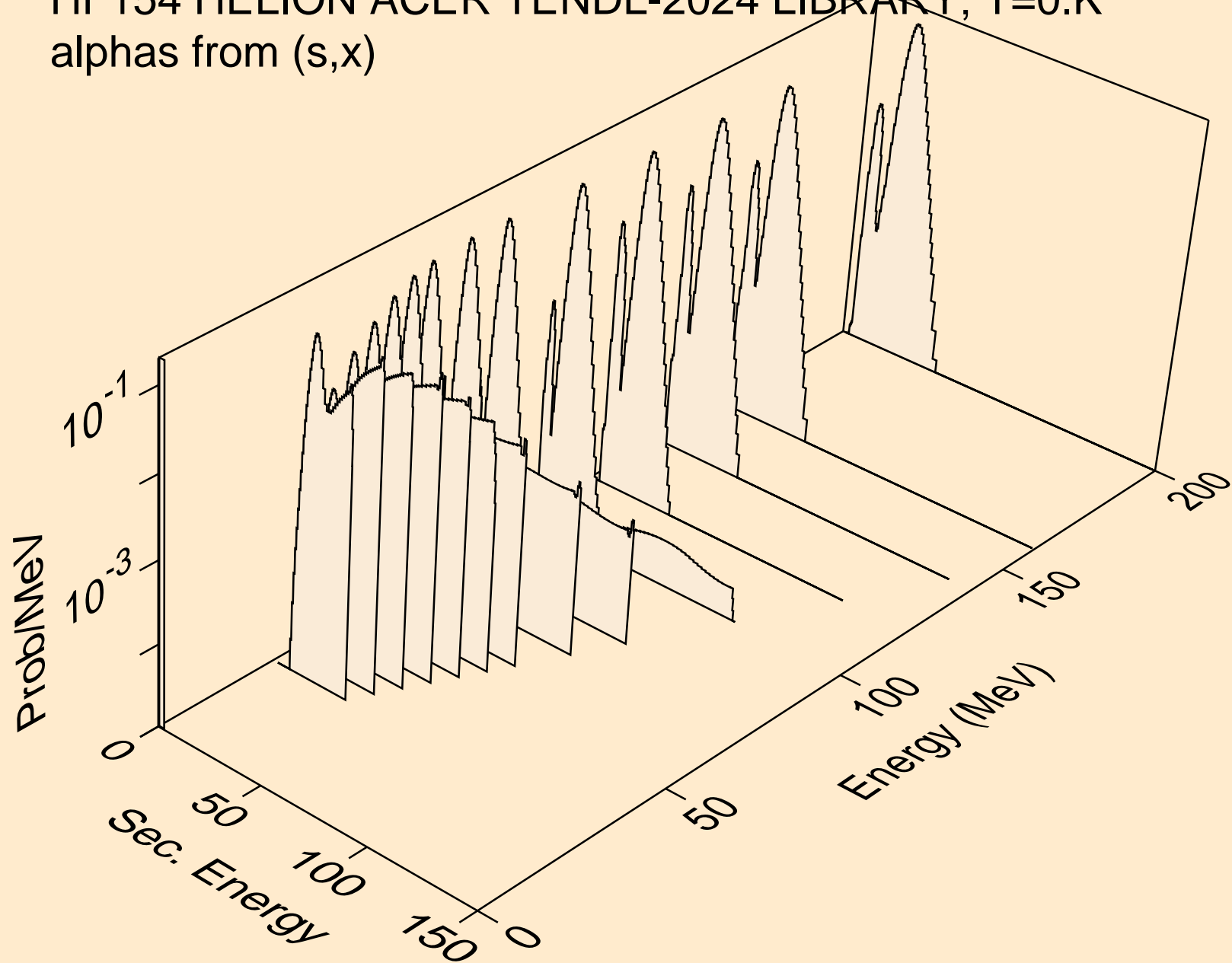
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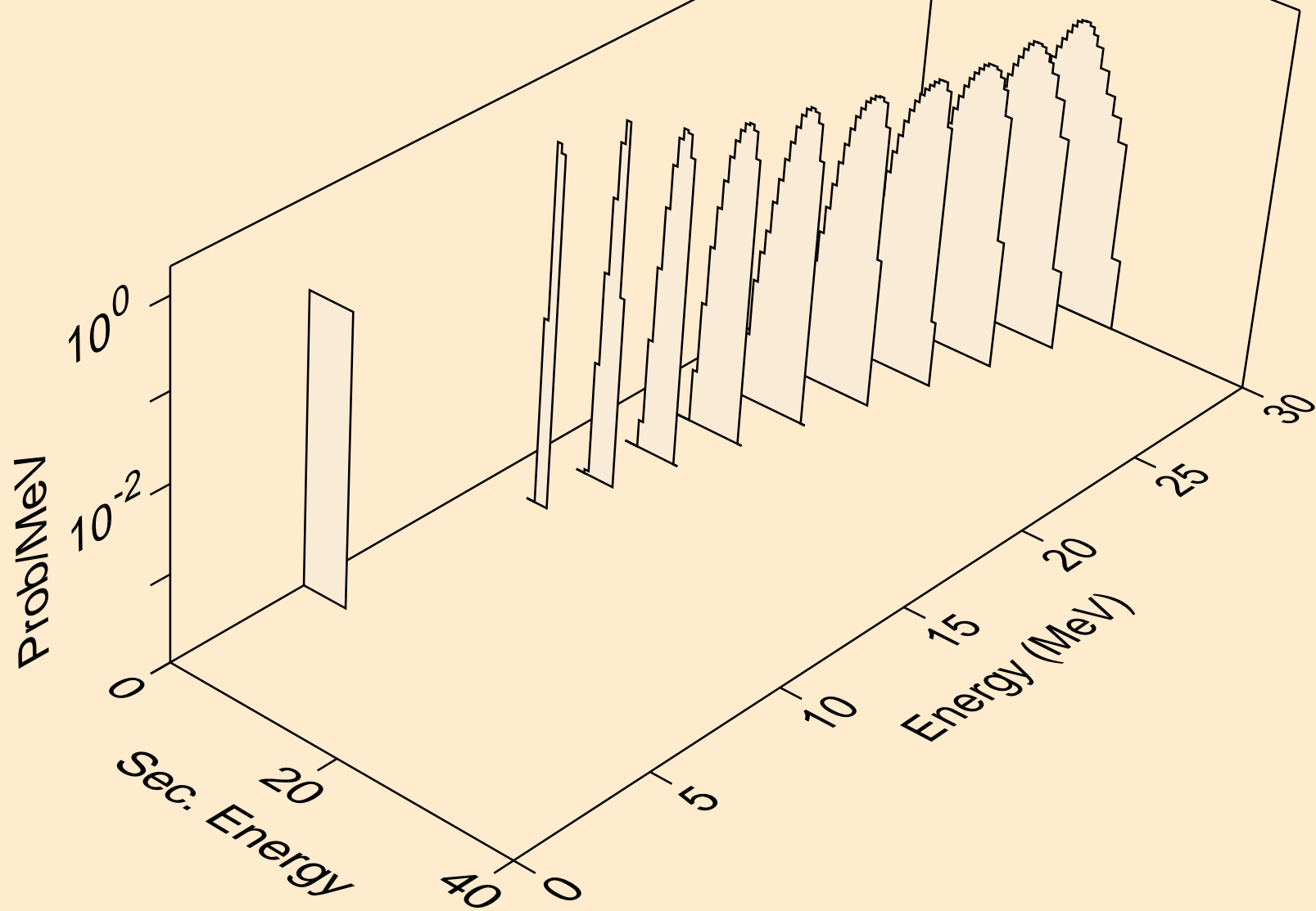
HF154 HELION ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (s,pt)



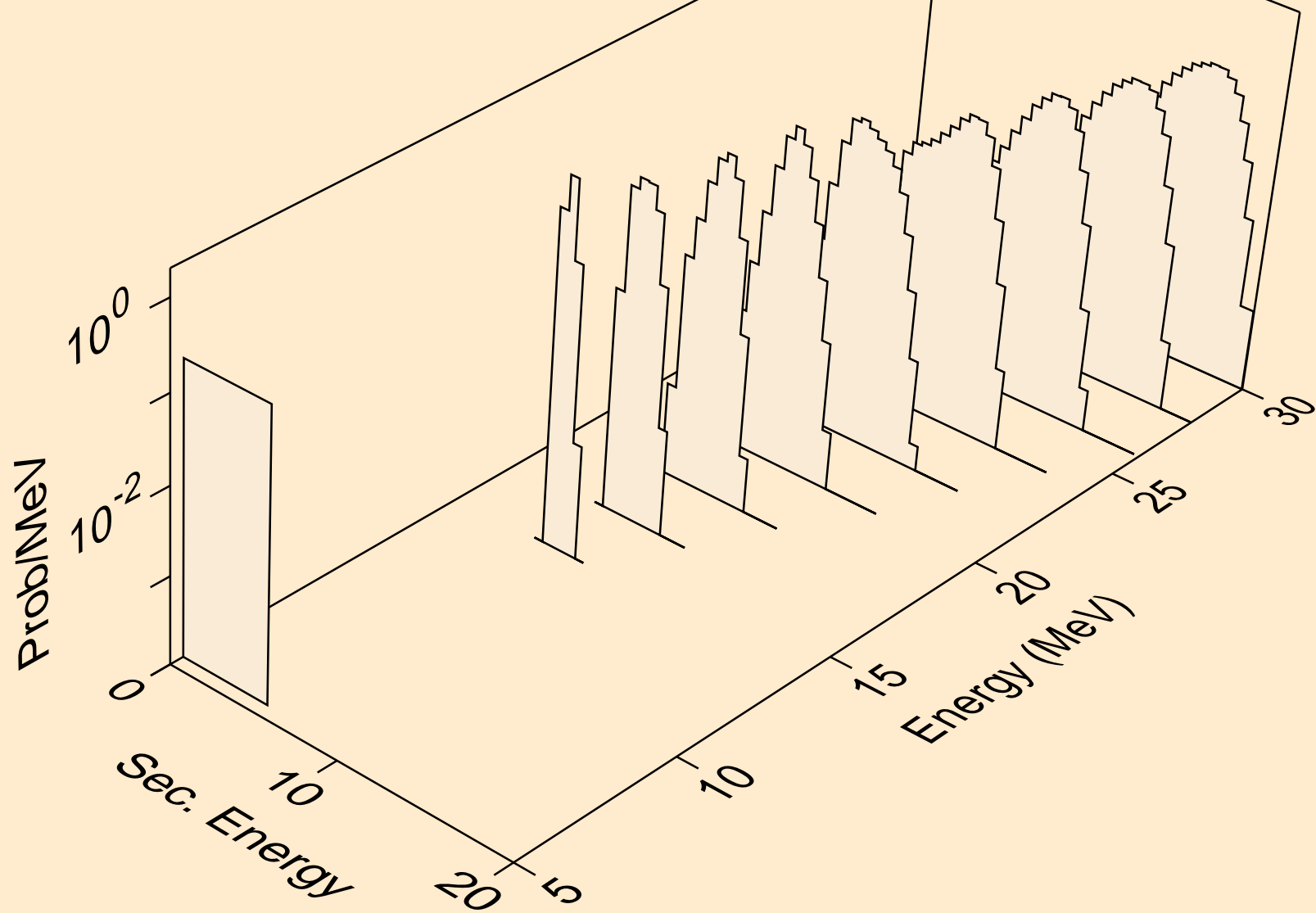
HF154 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,x)



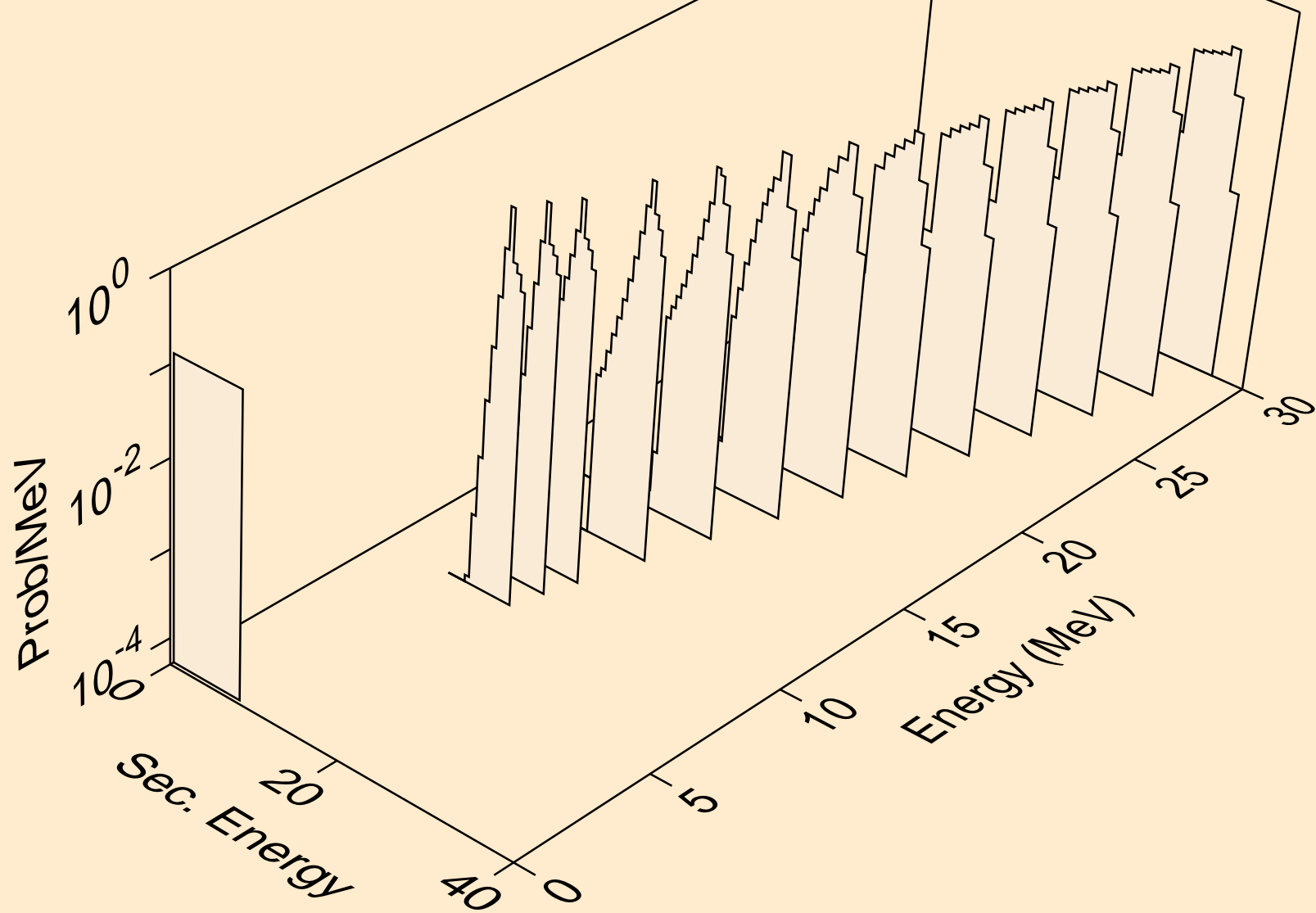
HF154 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,n\*)a



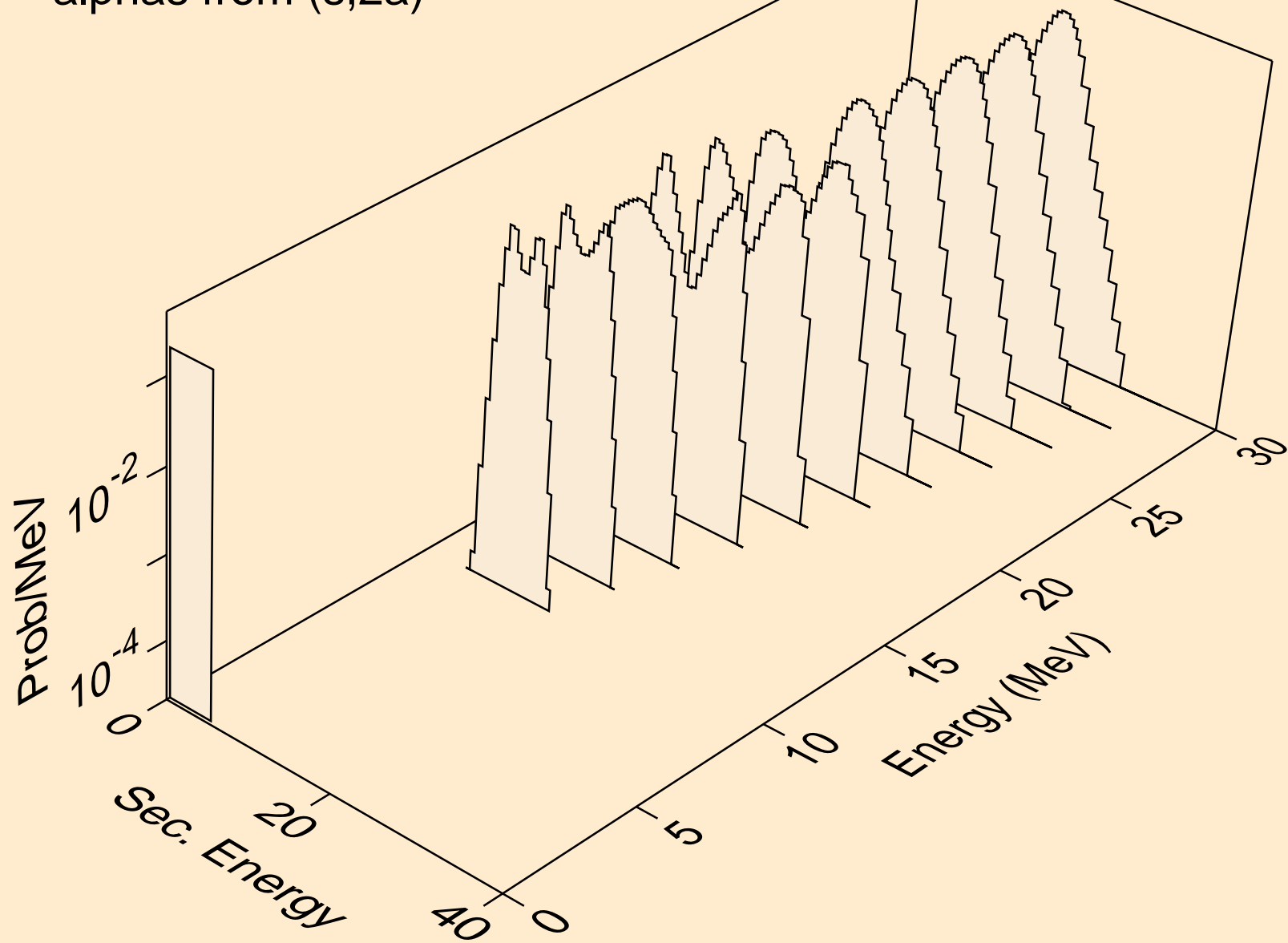
HF154 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,npa)



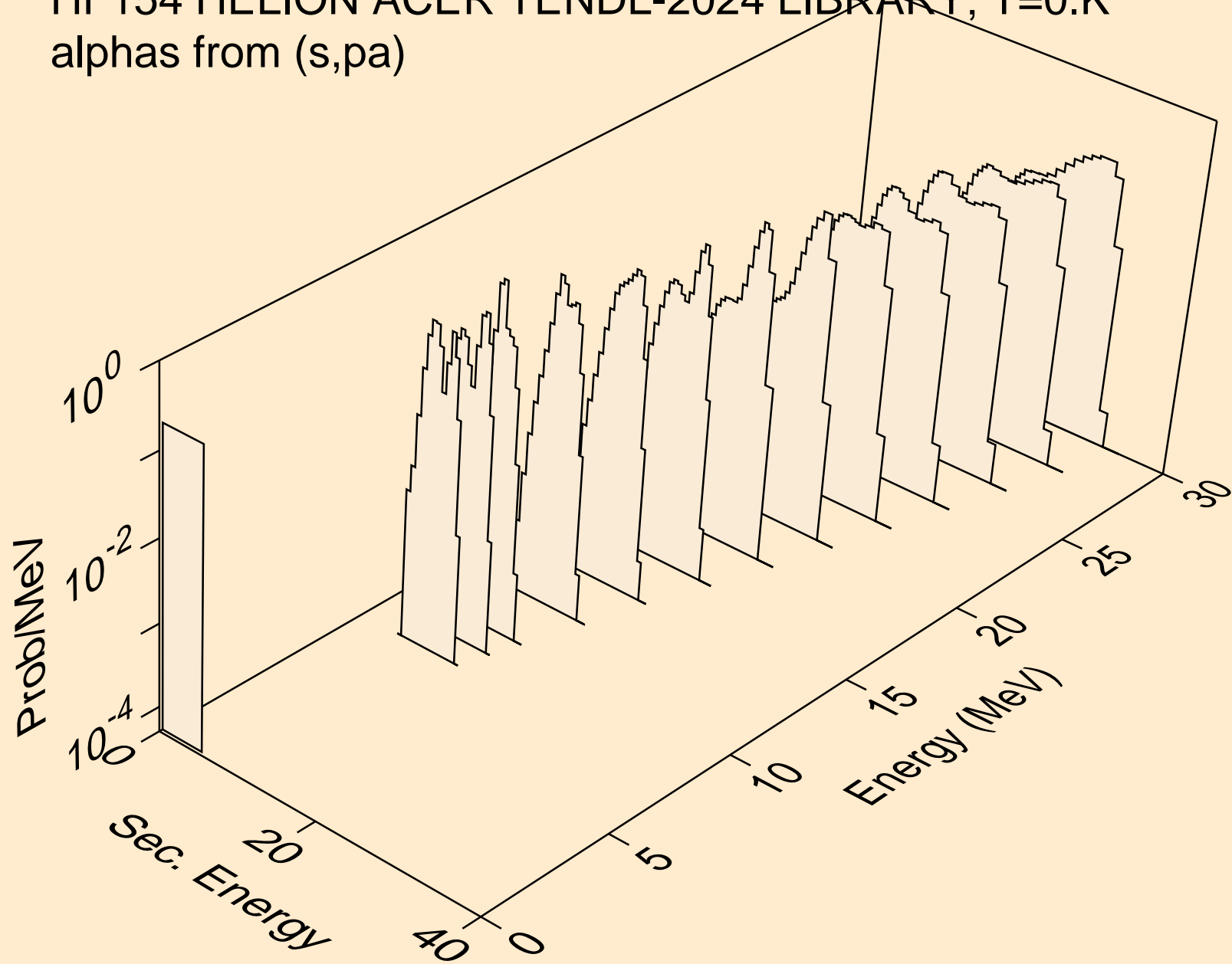
HF154 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,a)



HF154 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,2a)



HF154 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,pa)



HF154 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,da)

