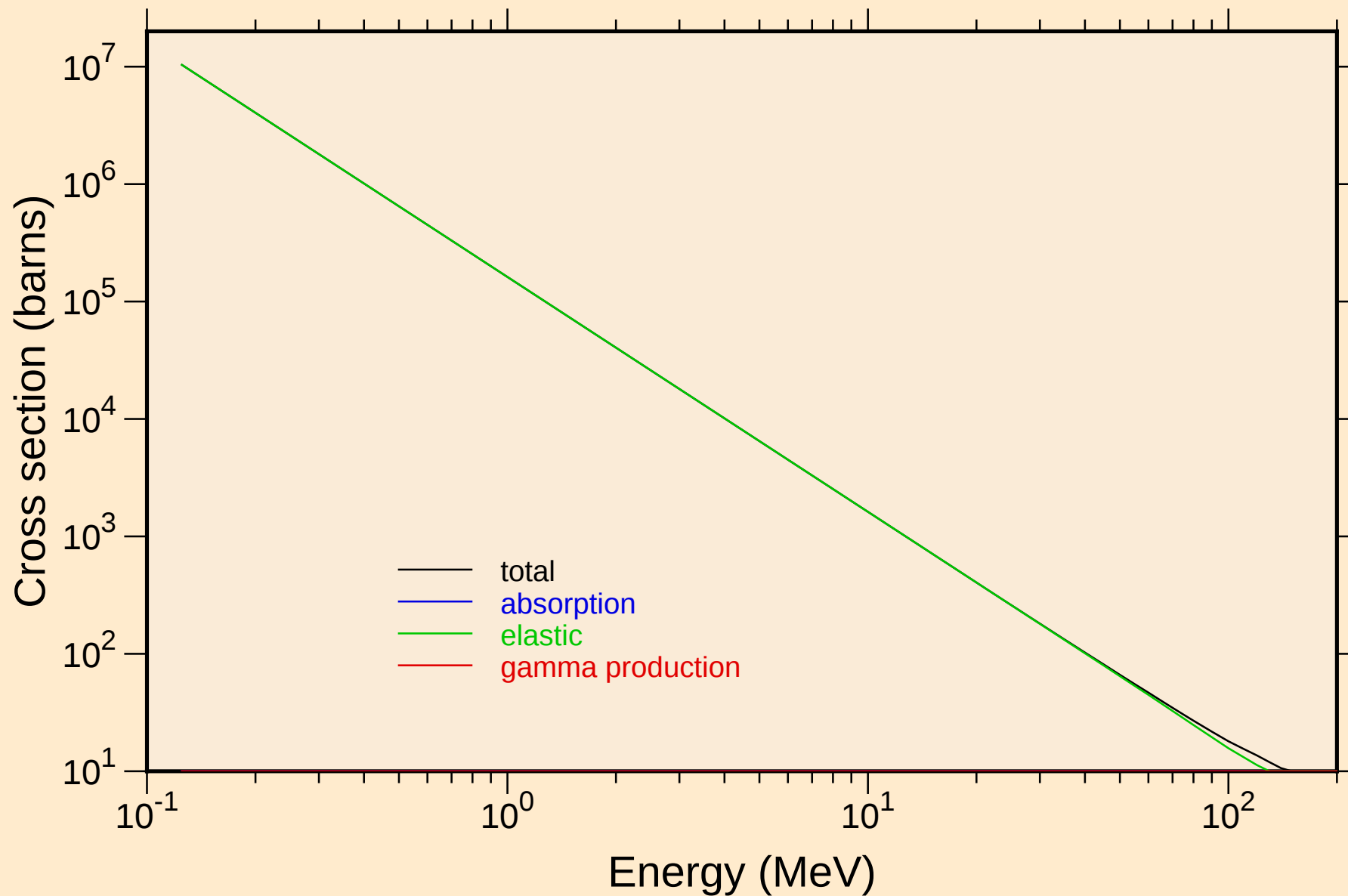


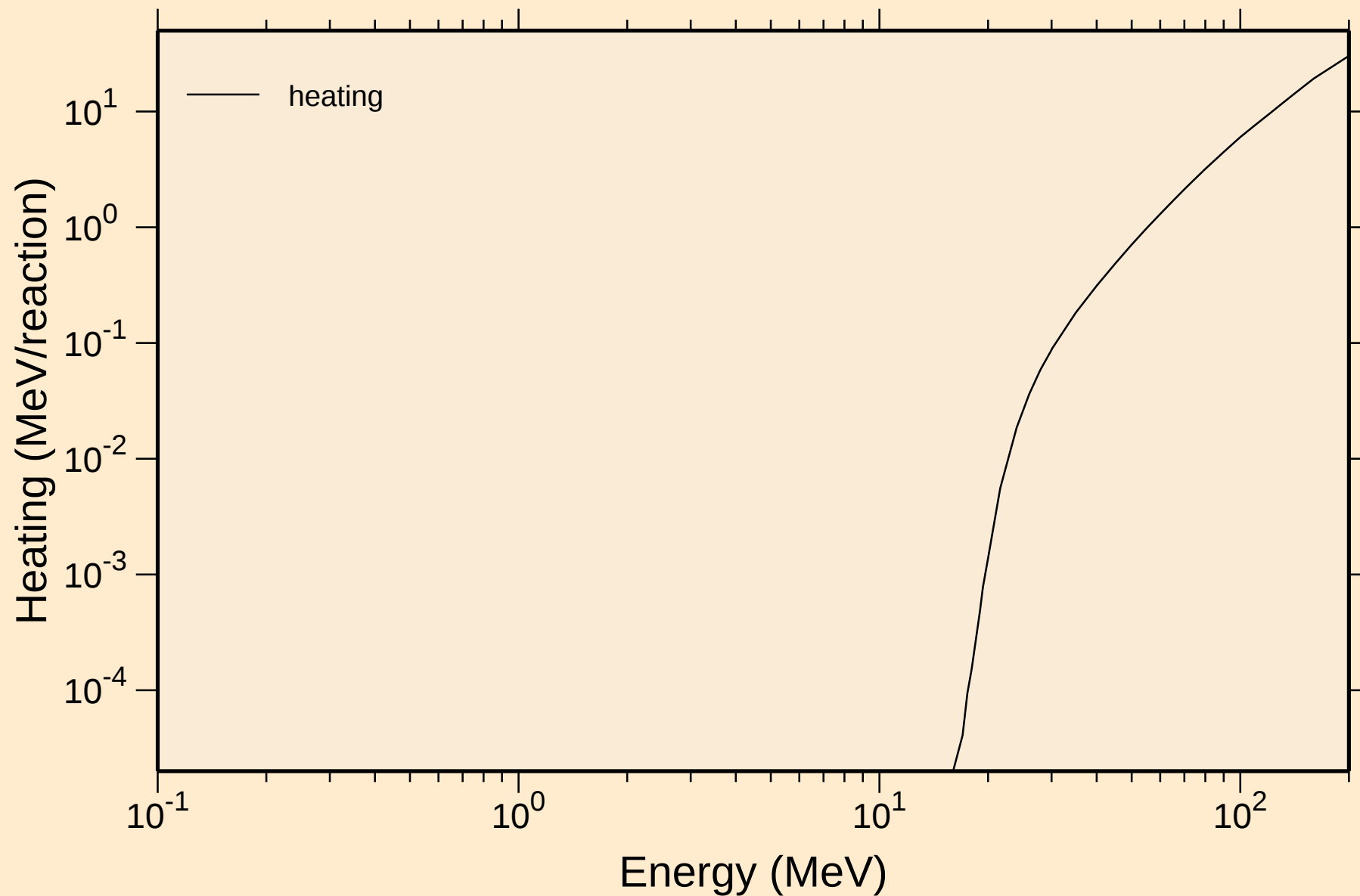
# HG194 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



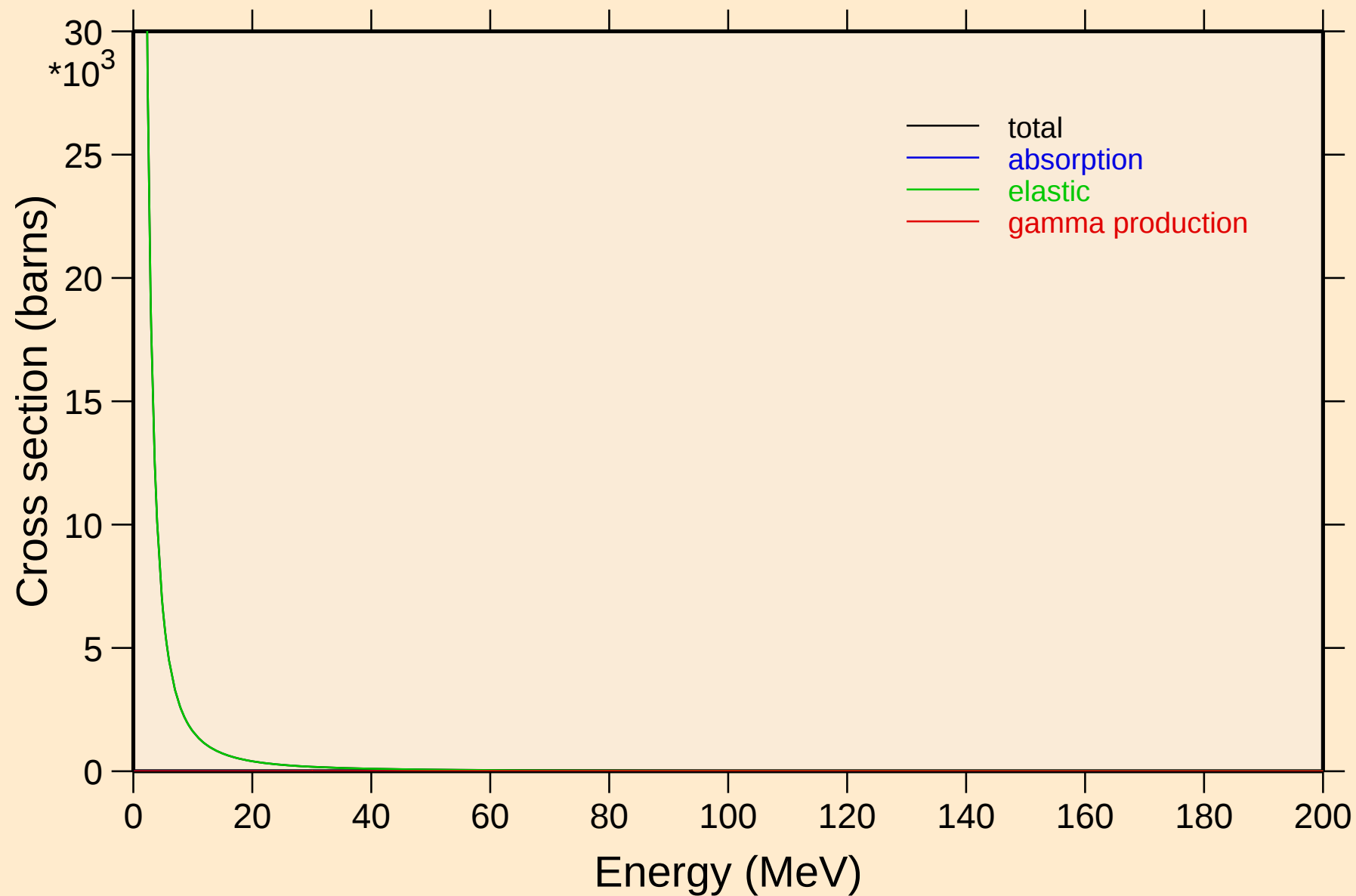
# HG194 HELION ACER TENDL-2024 LIBRARY; T=0.K

Heating



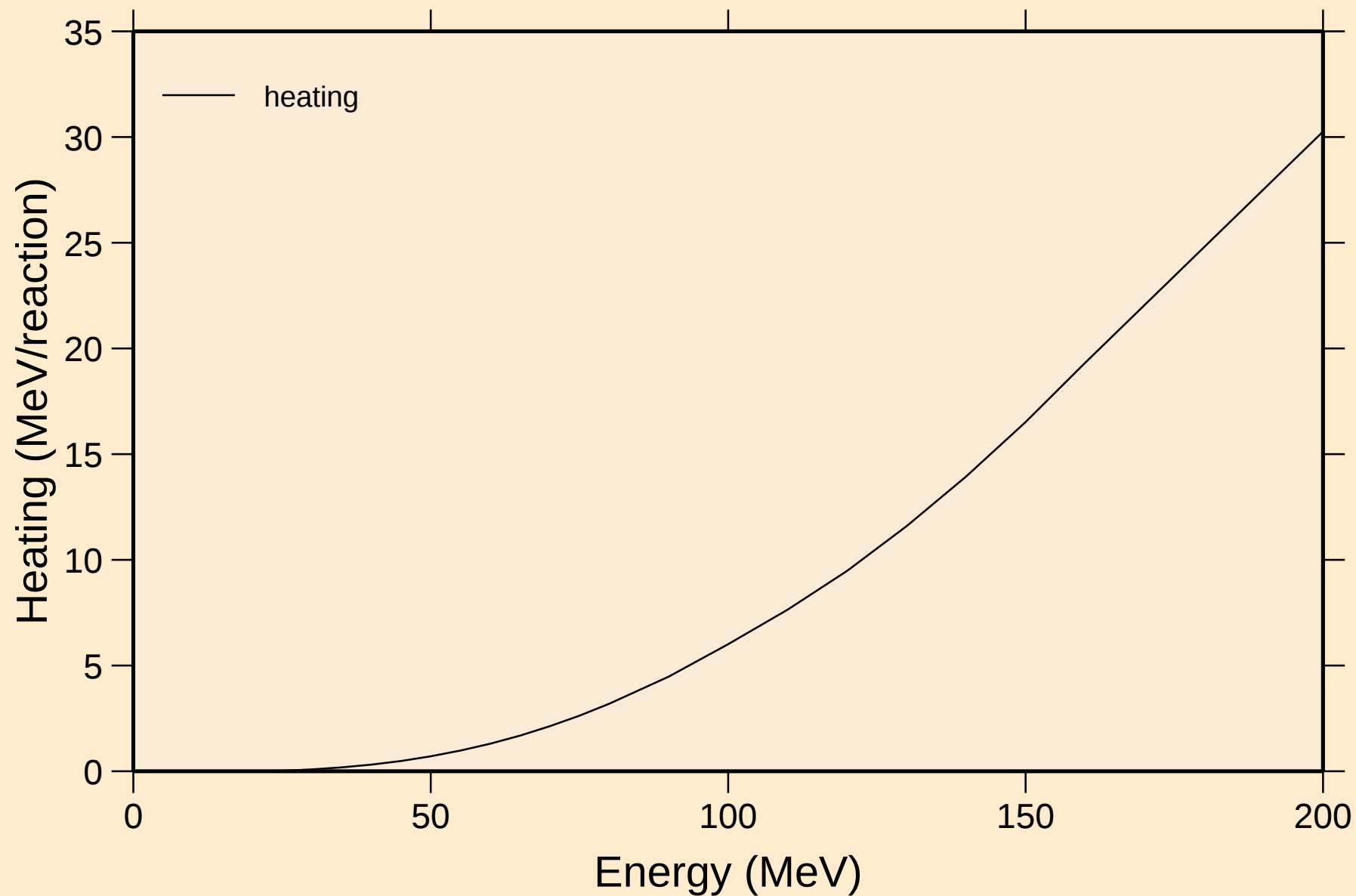
# HG194 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



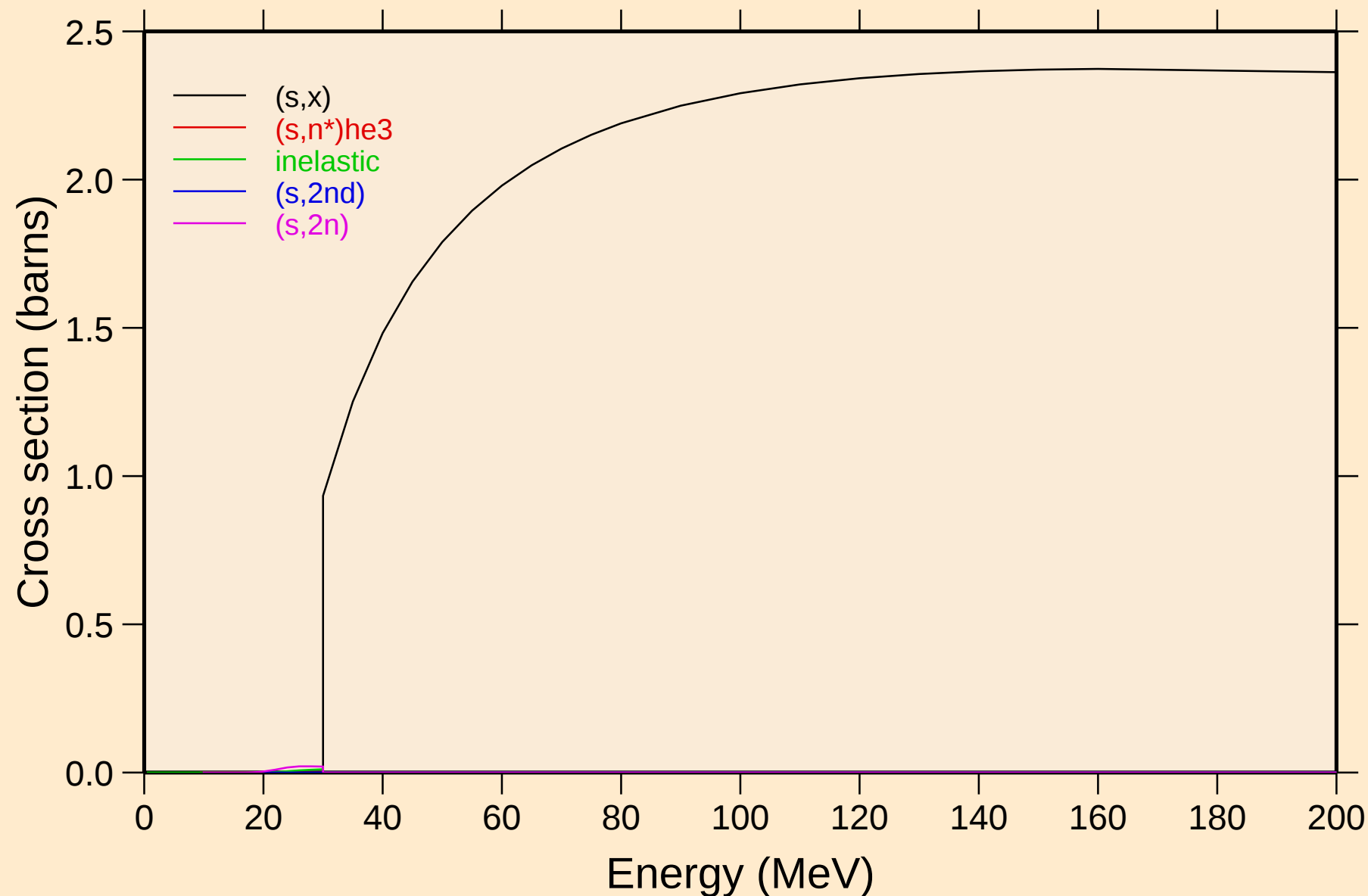
# HG194 HELION ACER TENDL-2024 LIBRARY; T=0.K

Heating



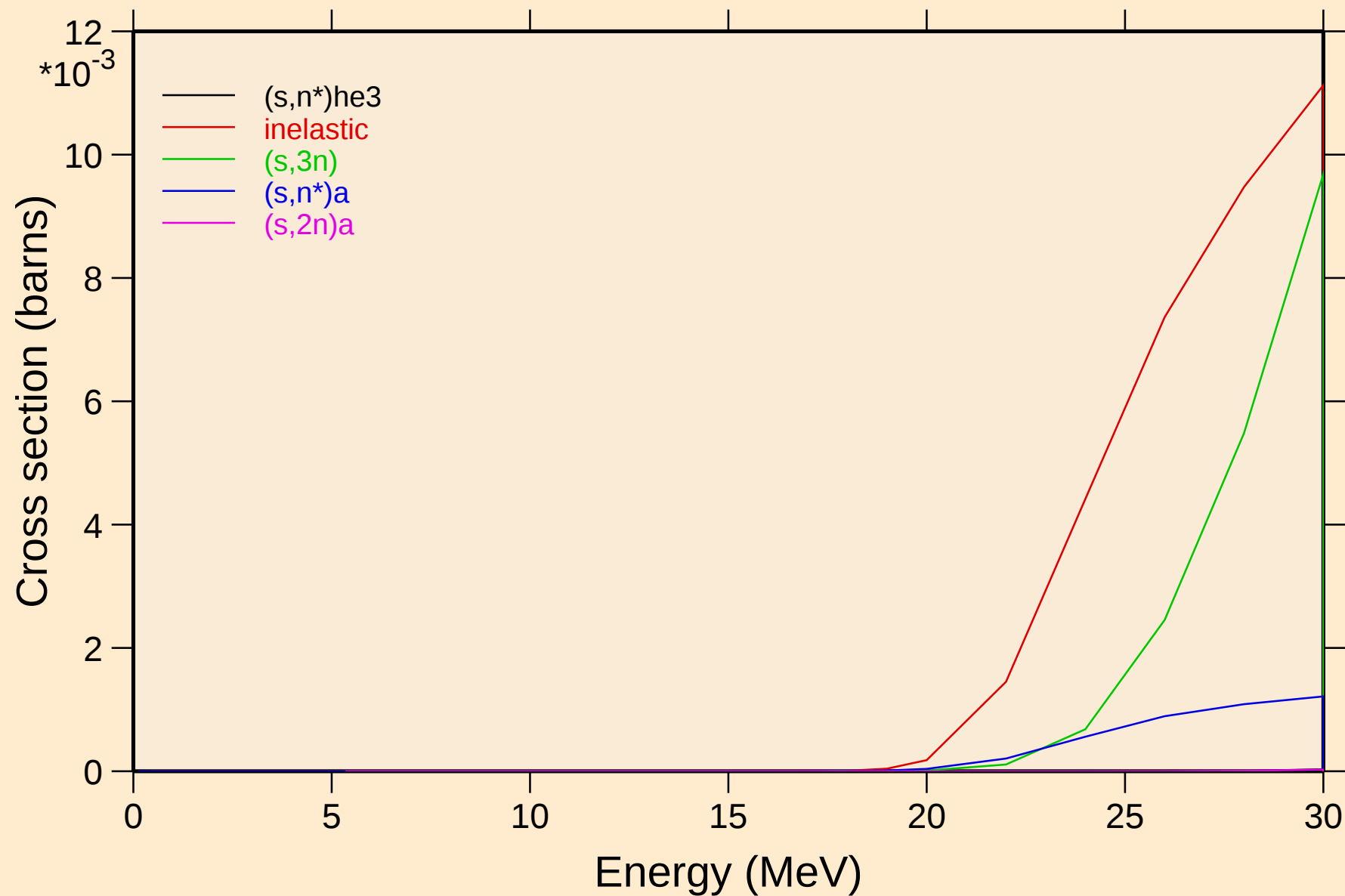
# HG194 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



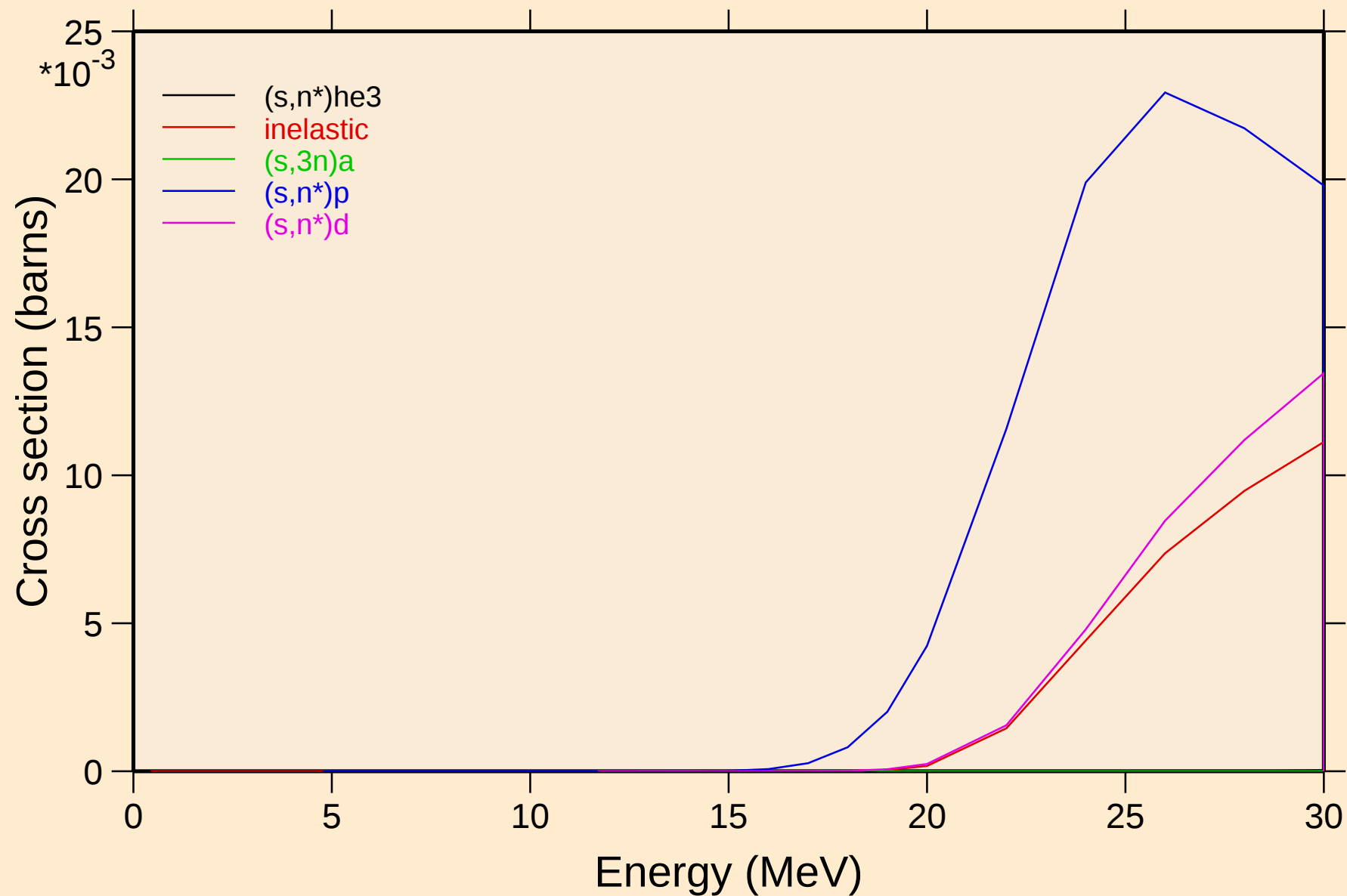
# HG194 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



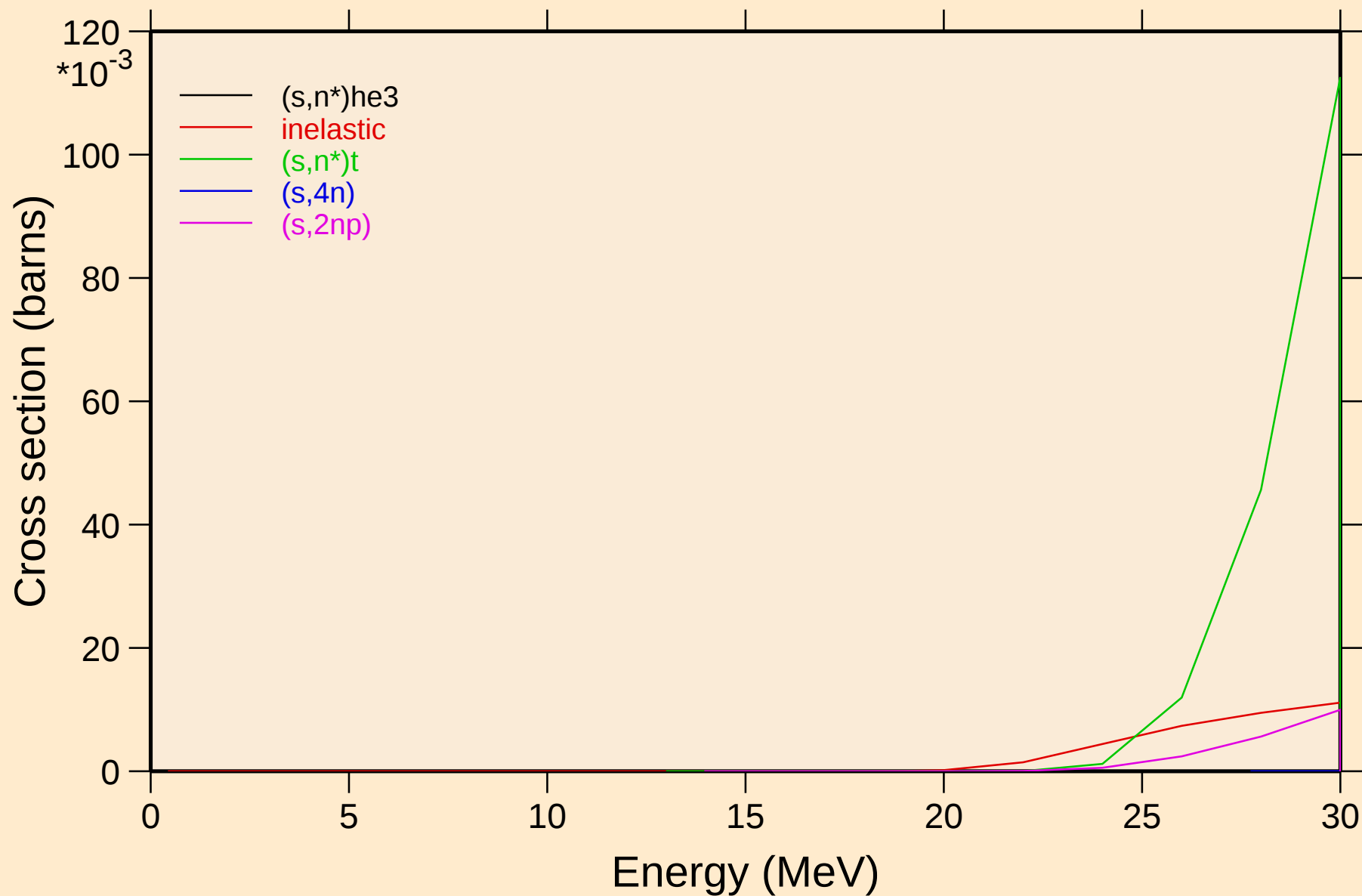
# HG194 HELION ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions



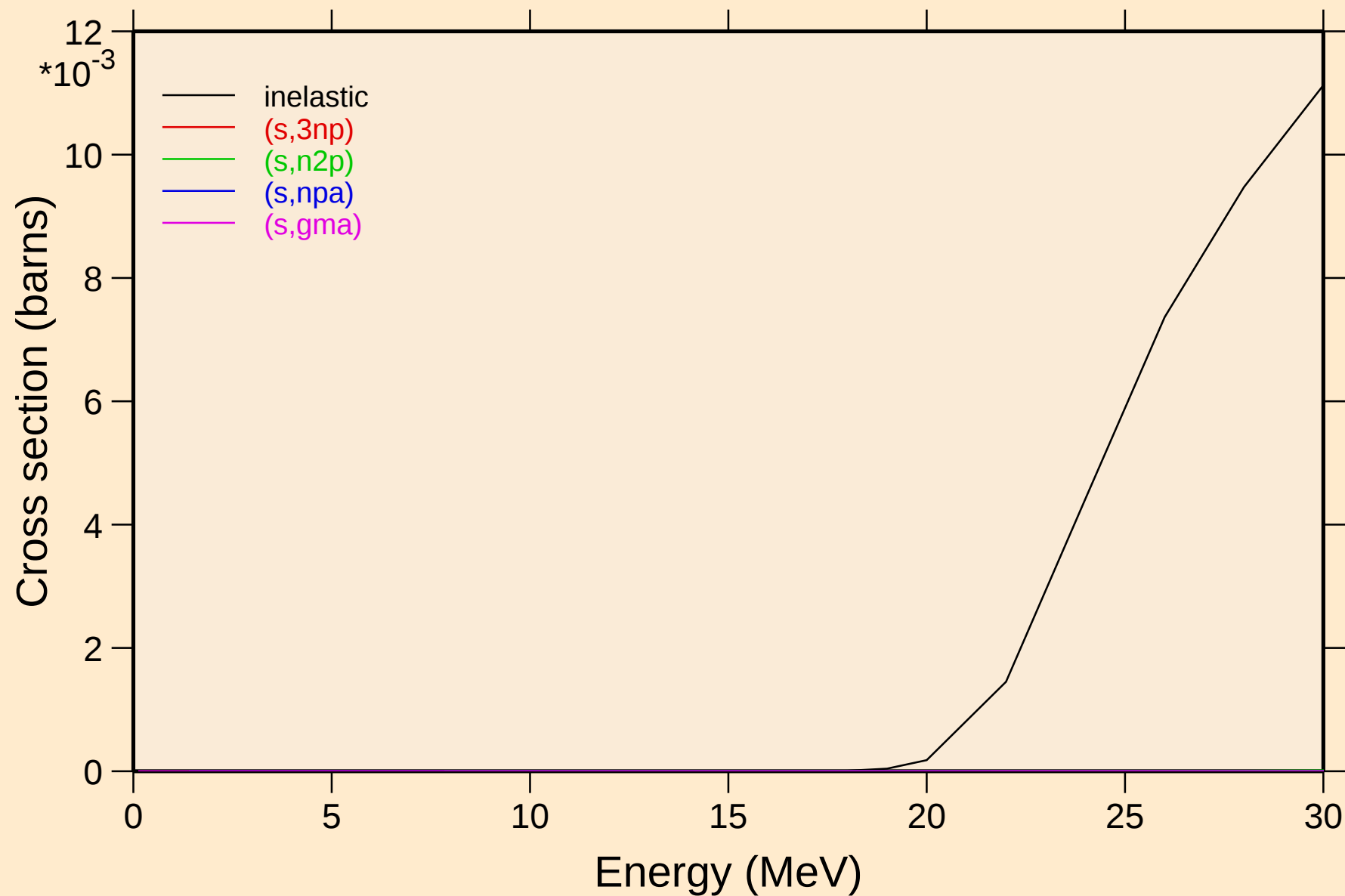
# HG194 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



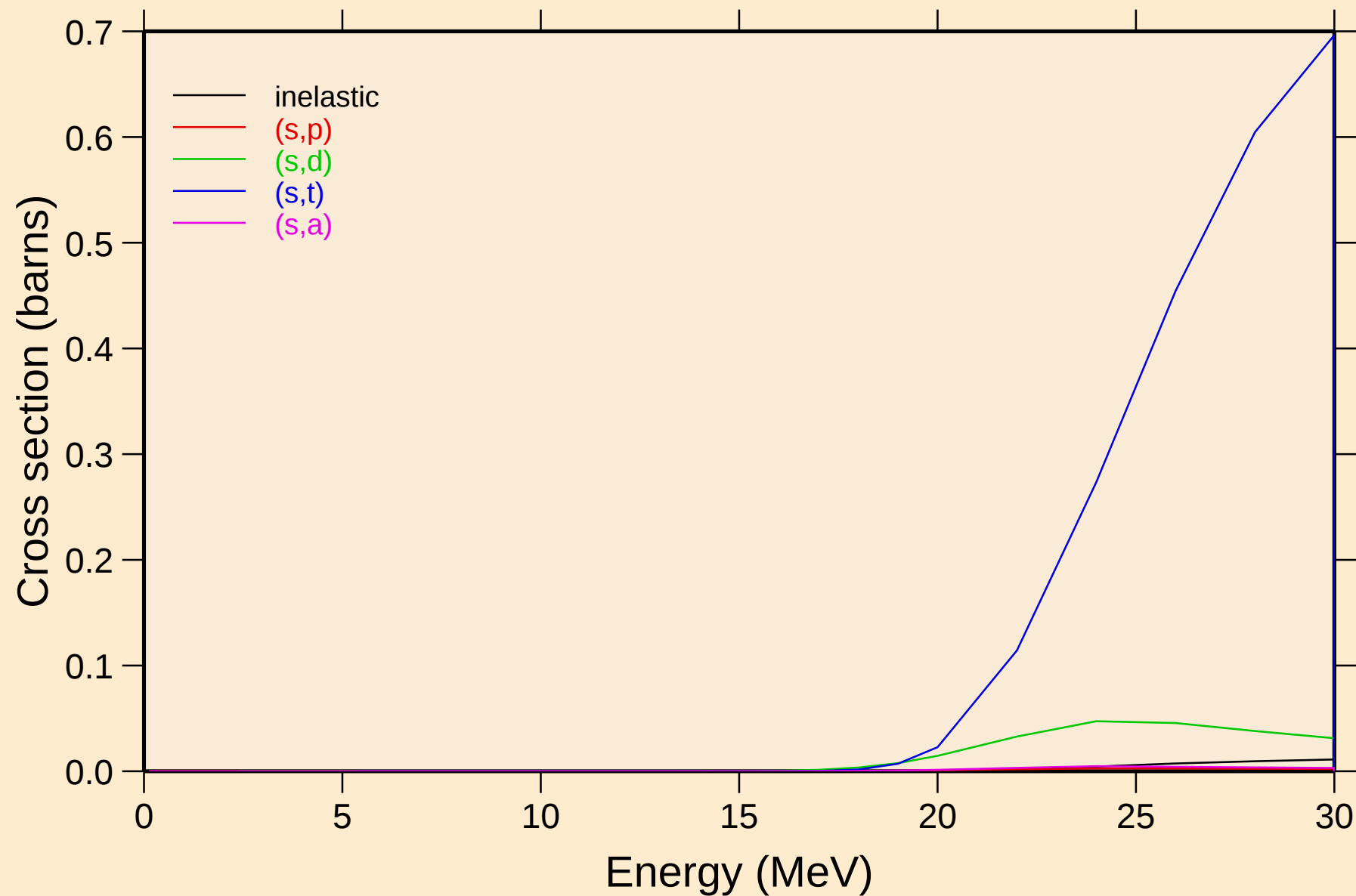
# HG194 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



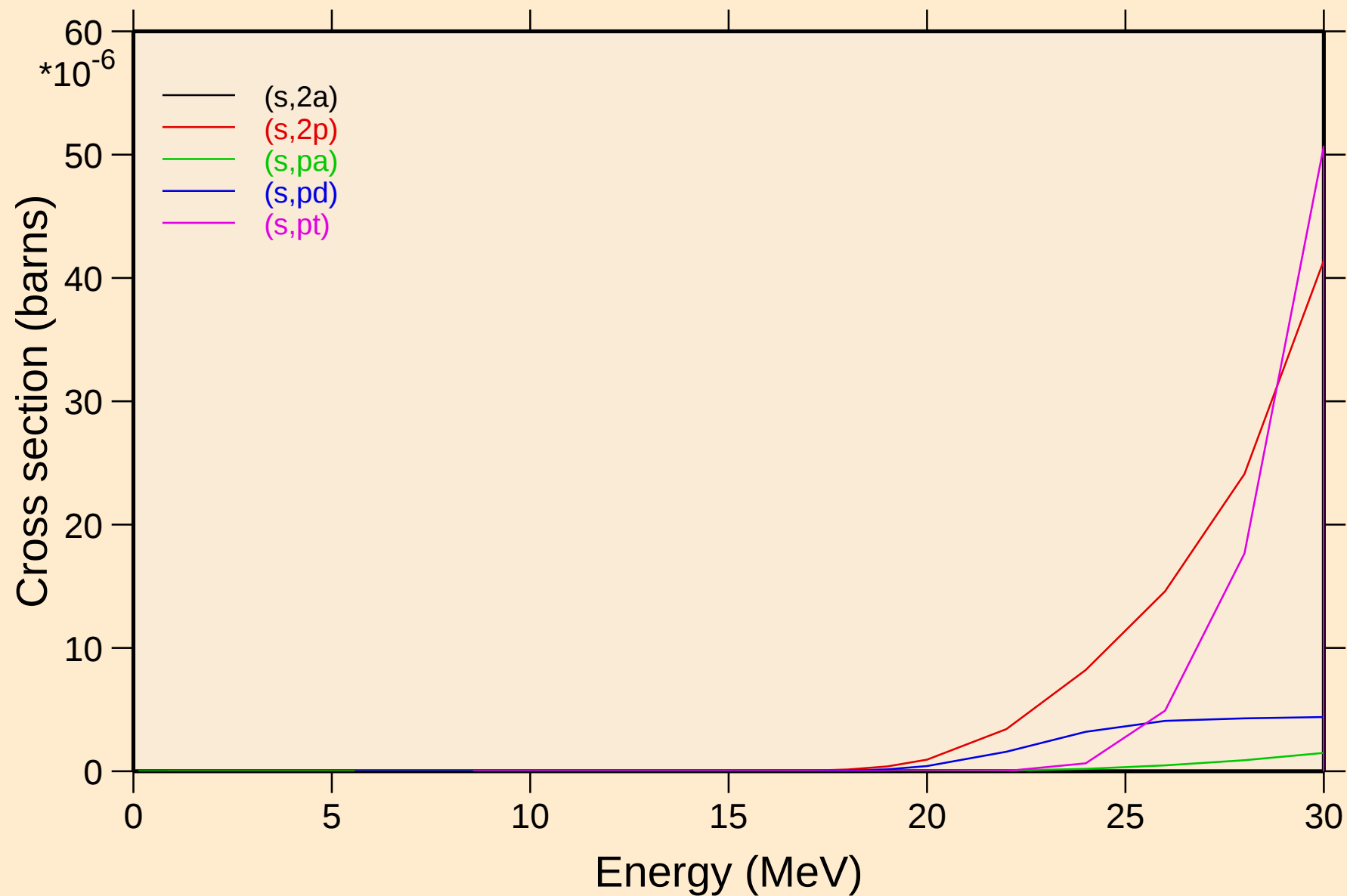
# HG194 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



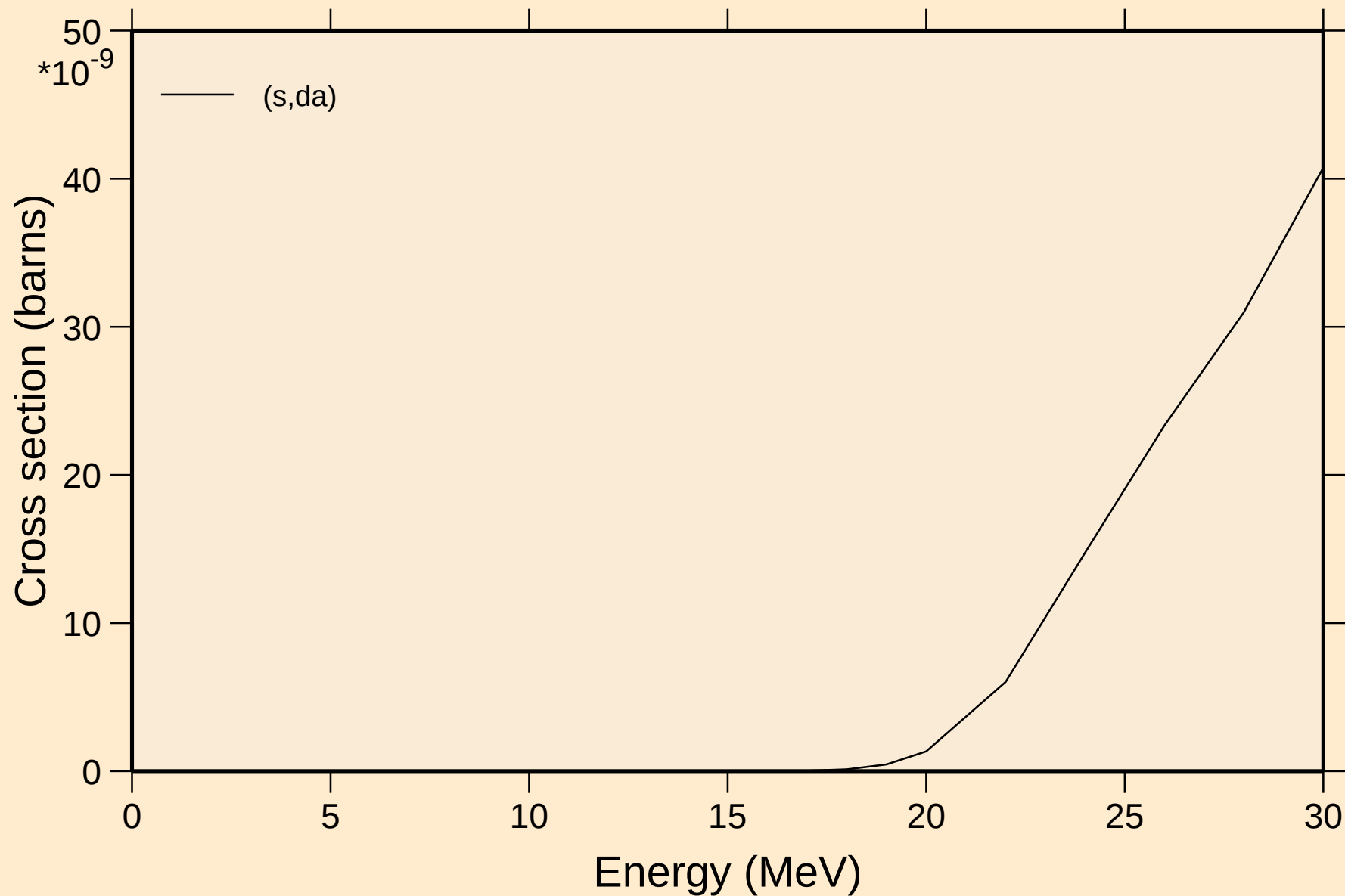
# HG194 HELION ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions

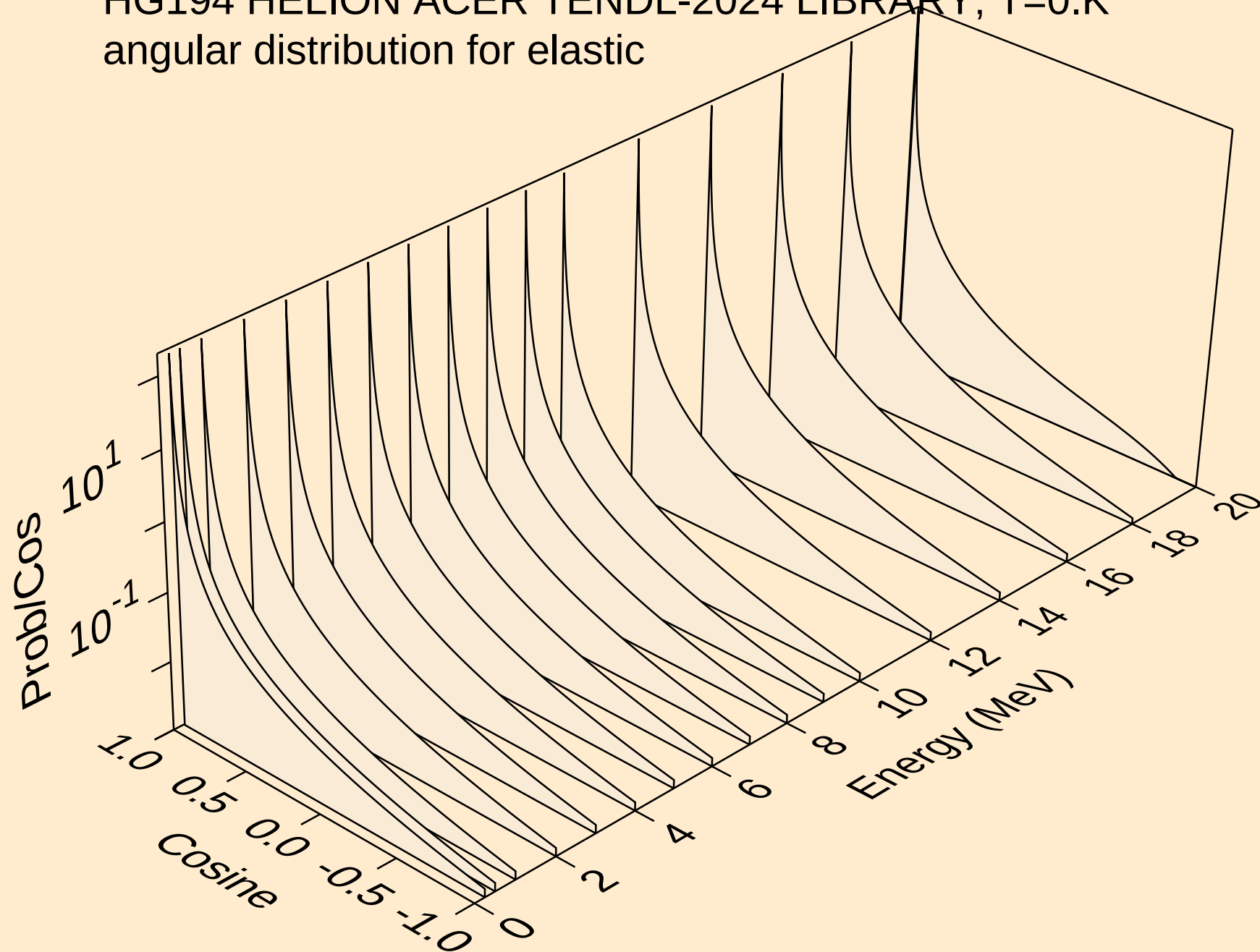


# HG194 HELION ACER TENDL-2024 LIBRARY; T=0.K

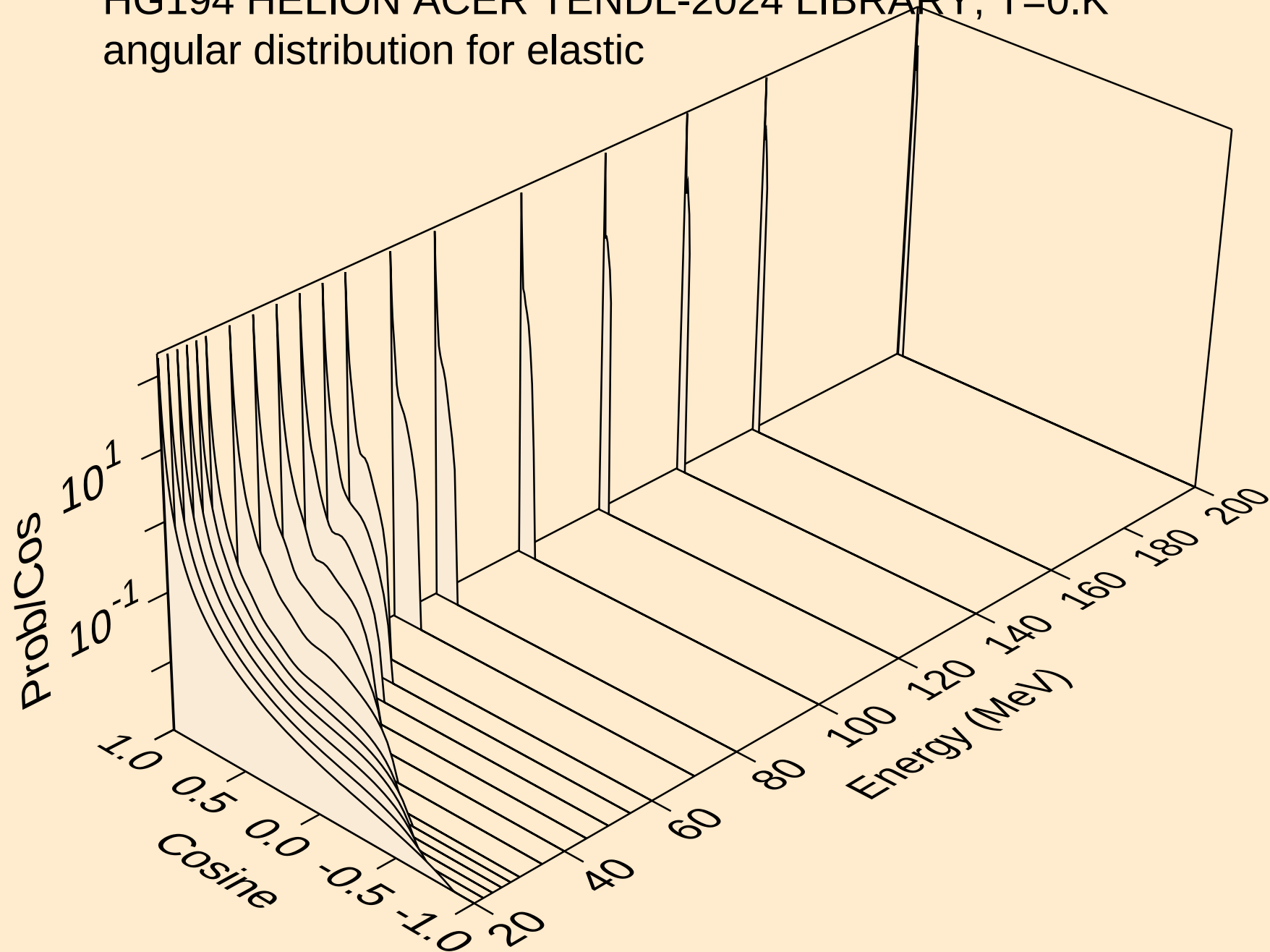
Threshold reactions



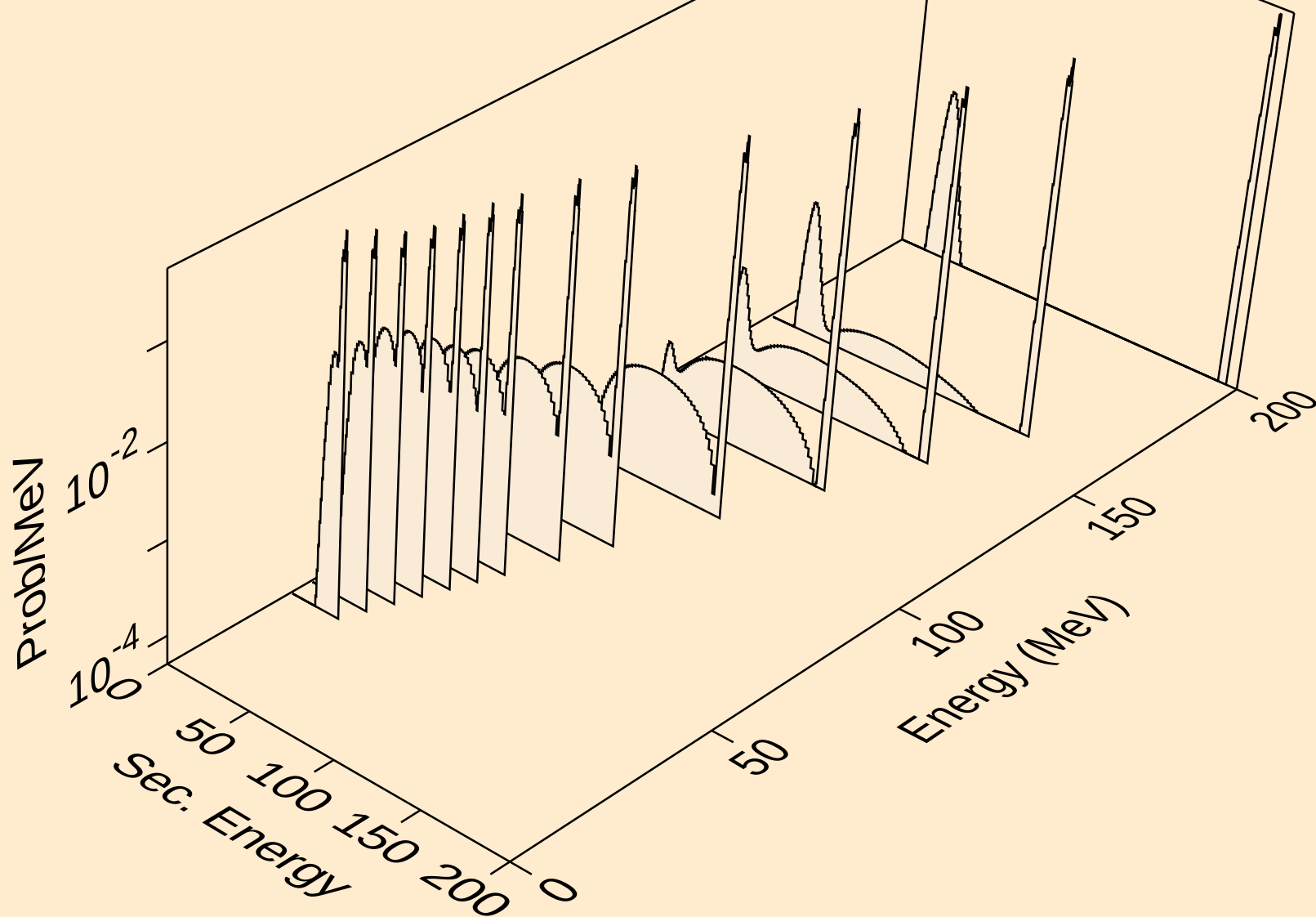
HG194 HELION ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



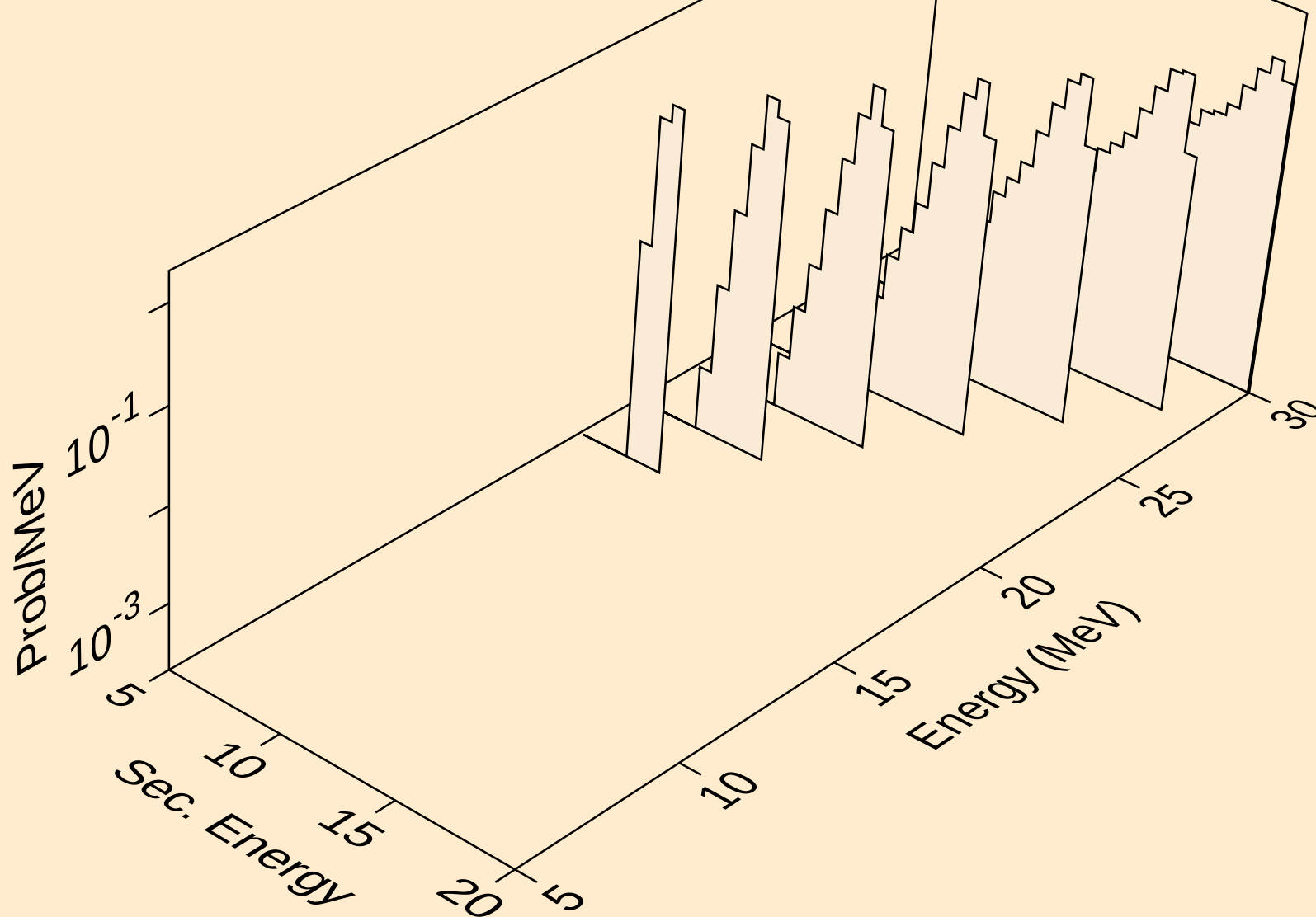
HG194 HELION ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



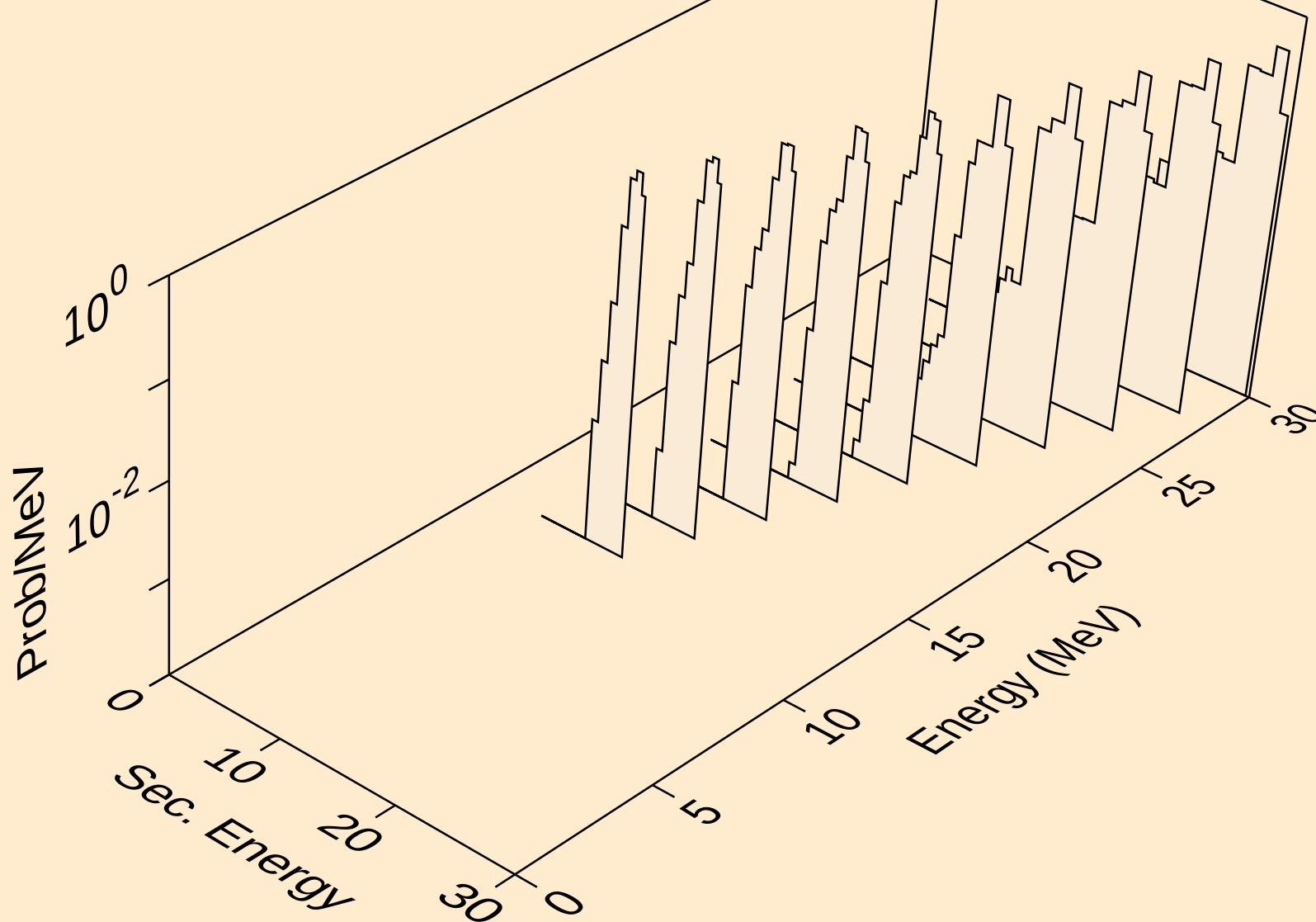
HG194 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for (s,x)



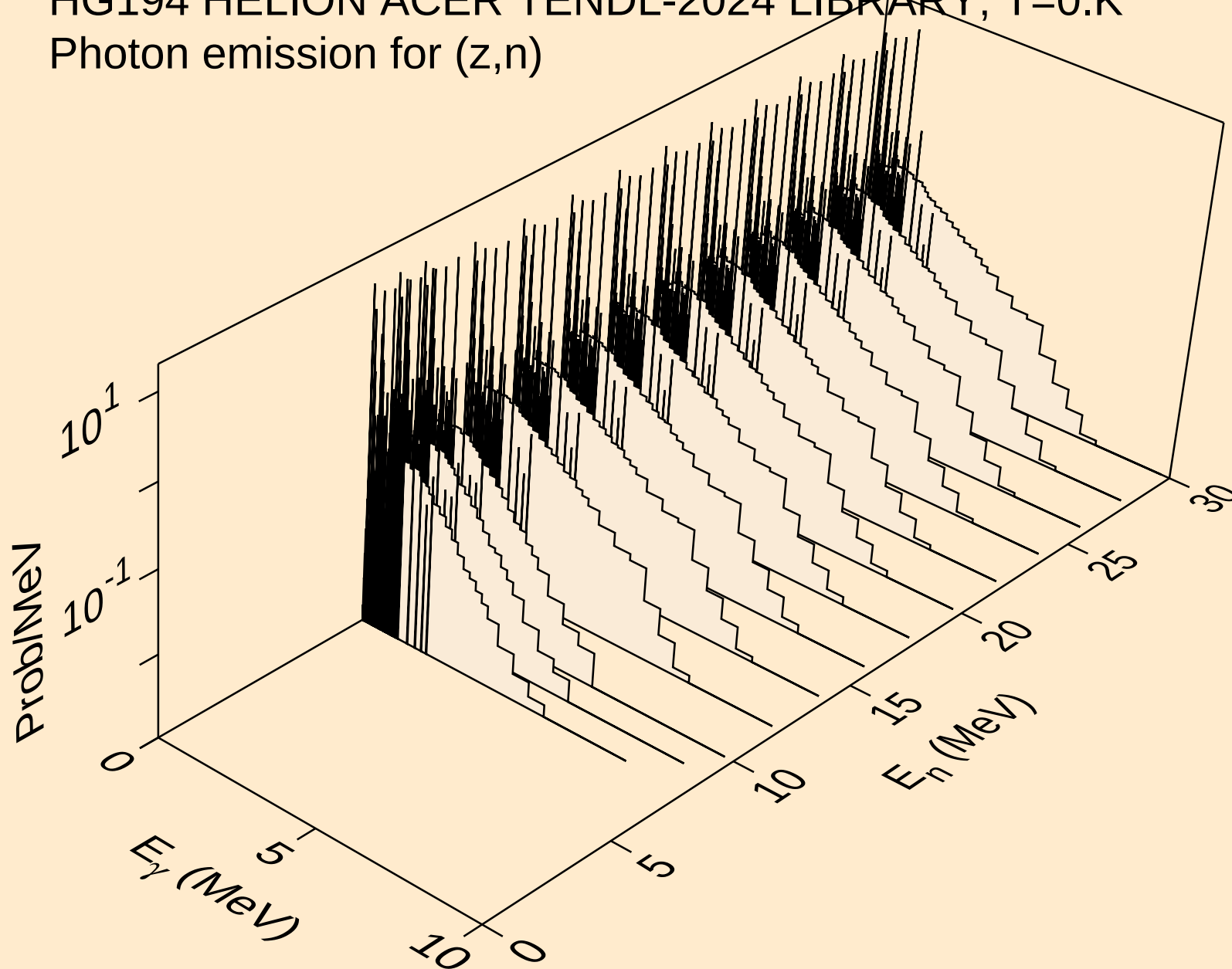
HG194 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3



HG194 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for inelastic

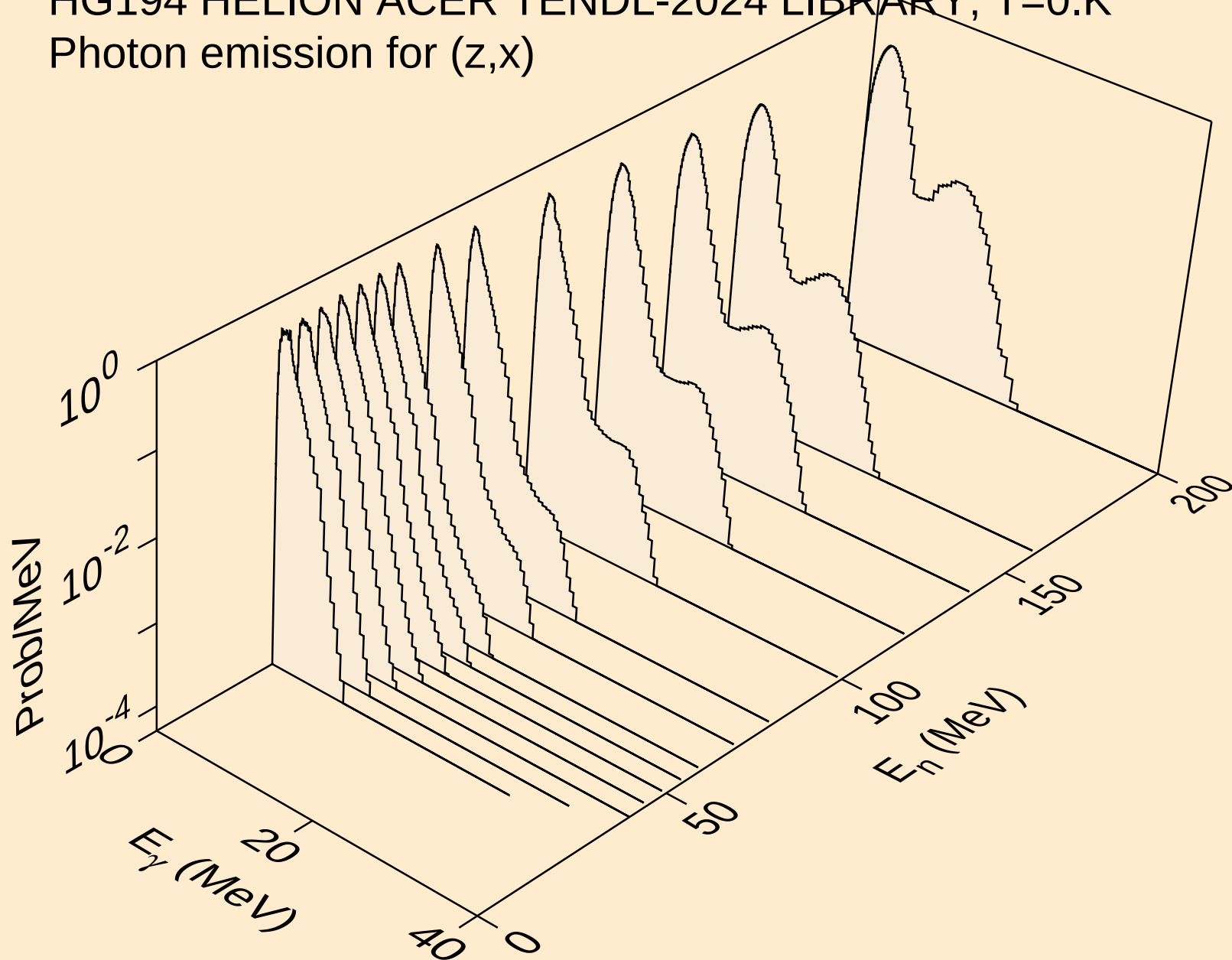


HG194 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,n)

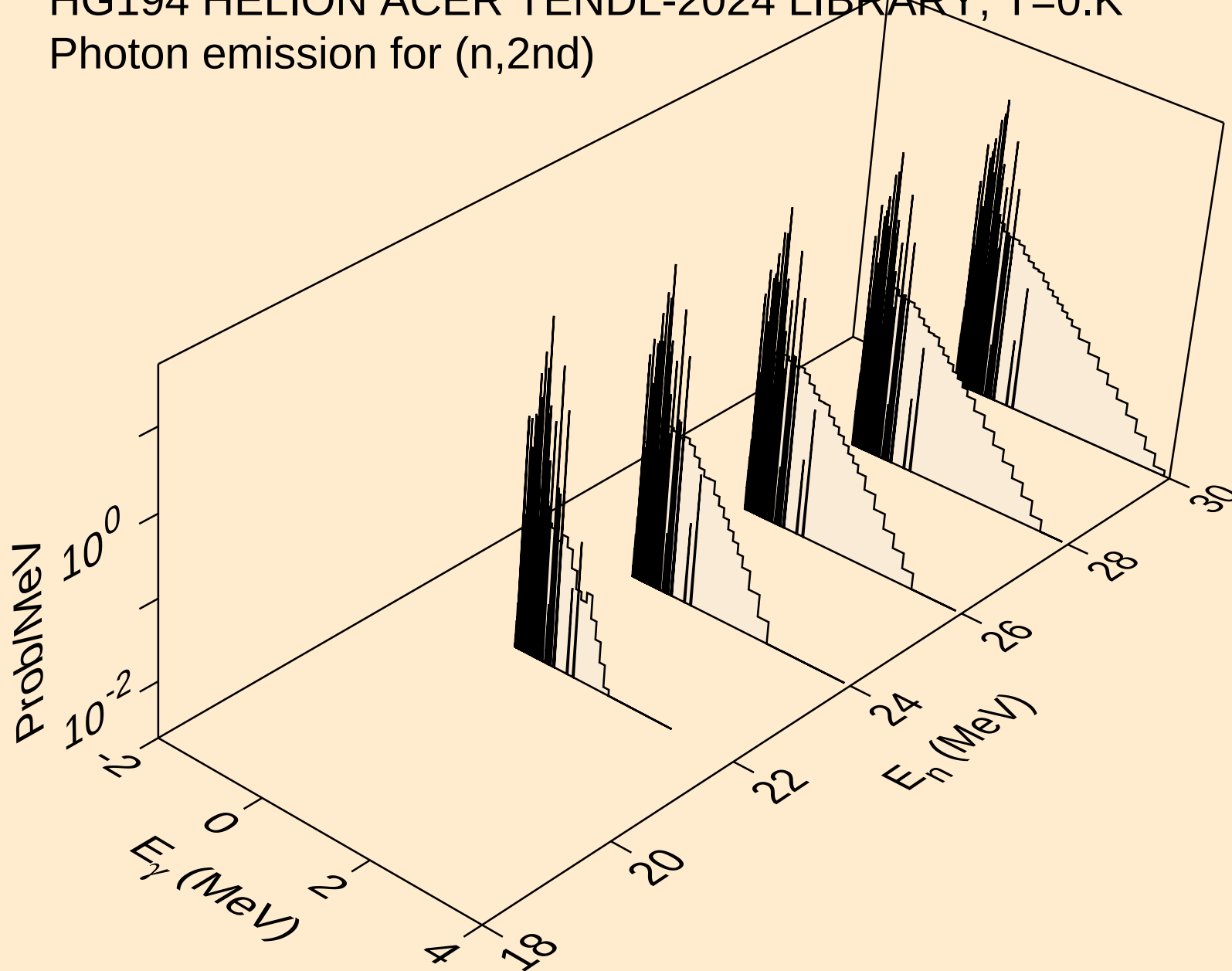


HG194 HELION ACER TENDL-2024 LIBRARY; T=0.K

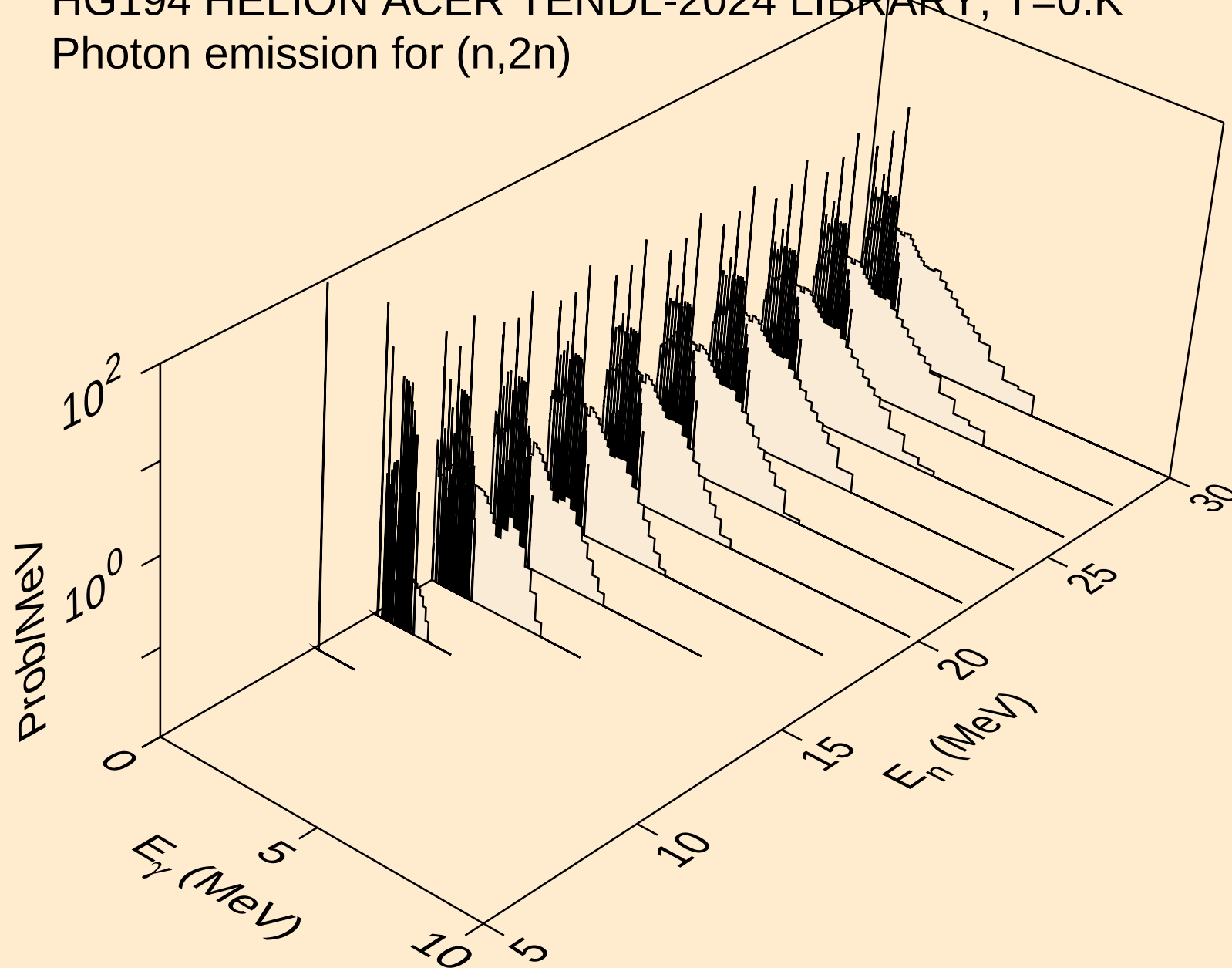
Photon emission for (z,x)



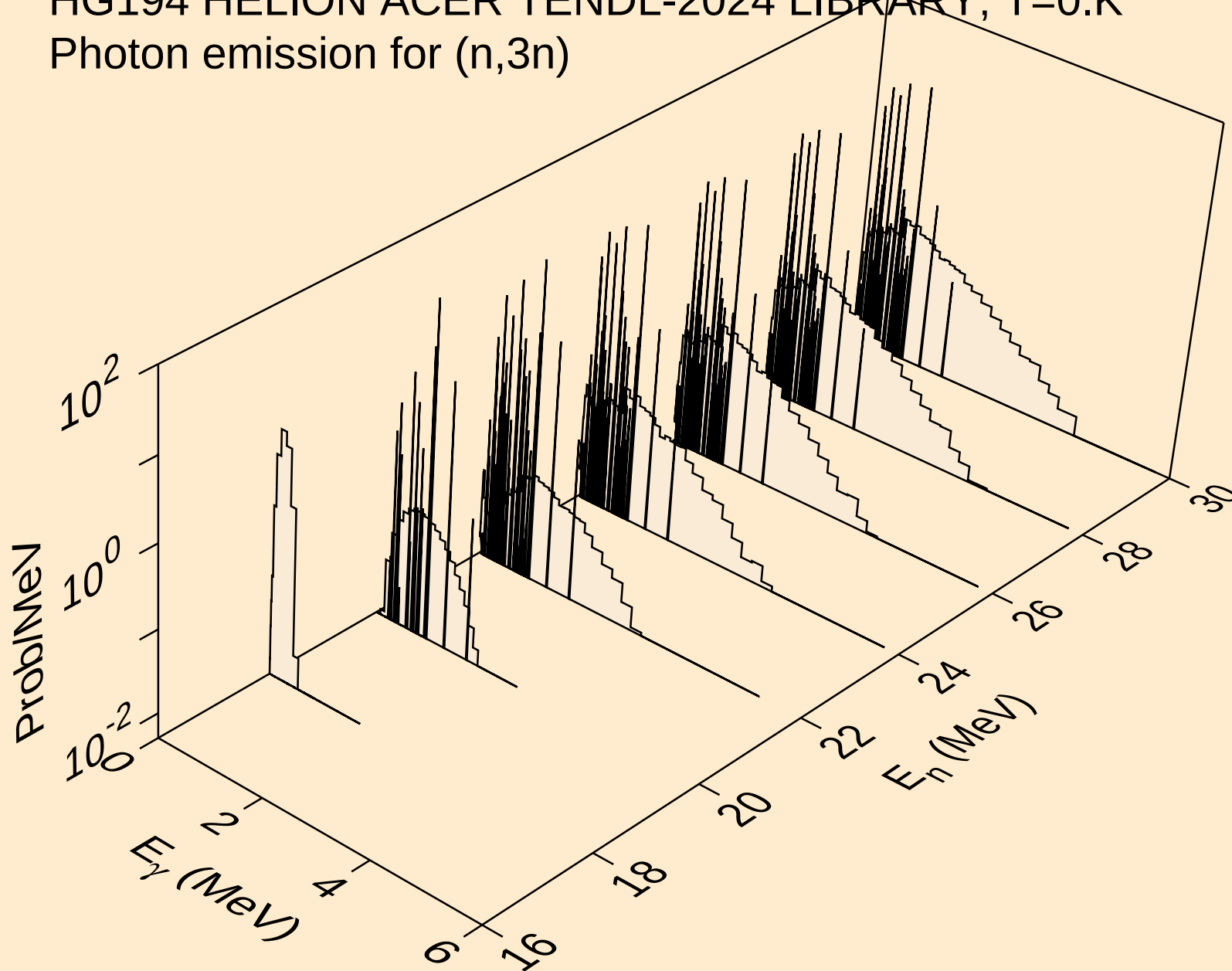
HG194 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



HG194 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)

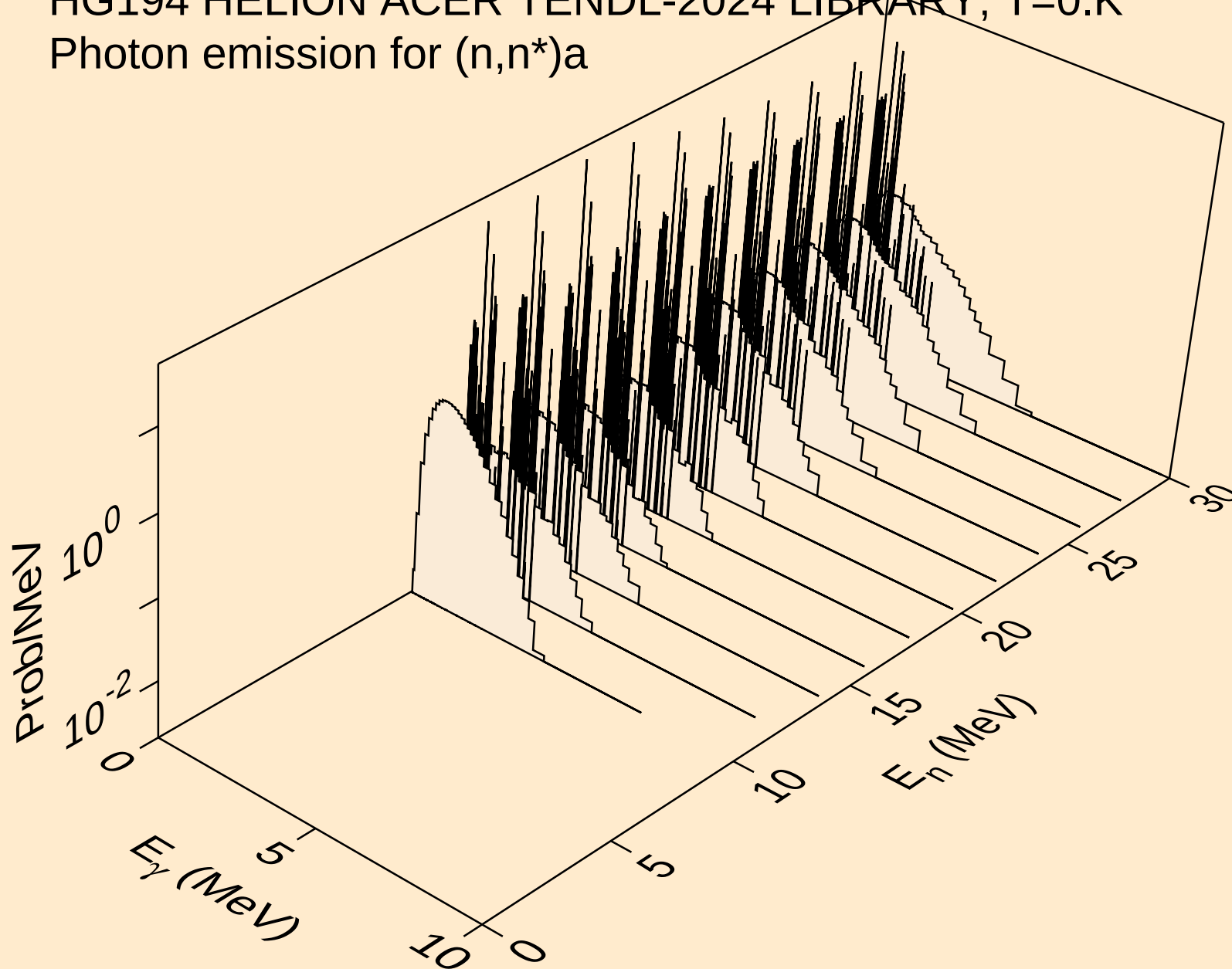


HG194 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)

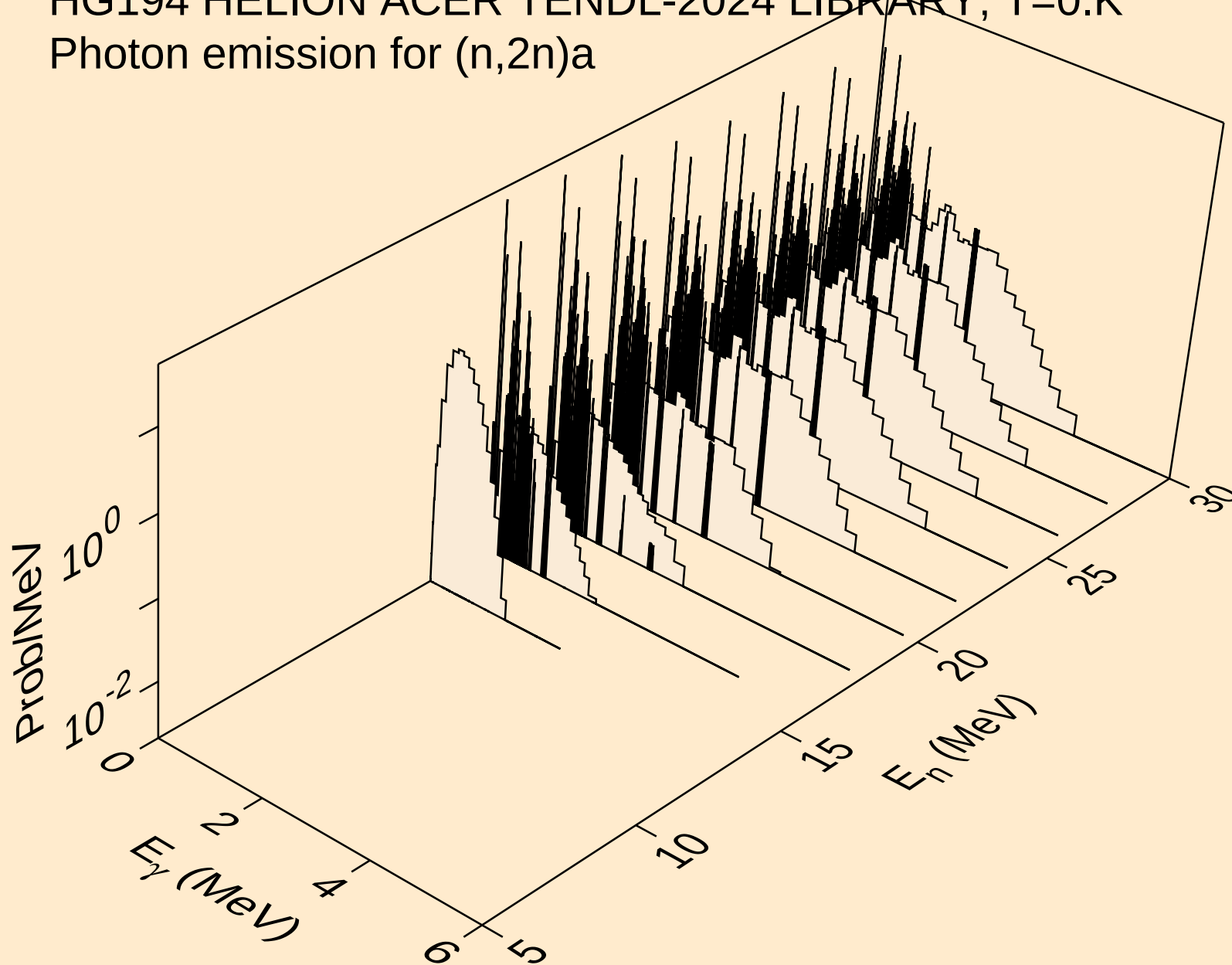


HG194 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)a

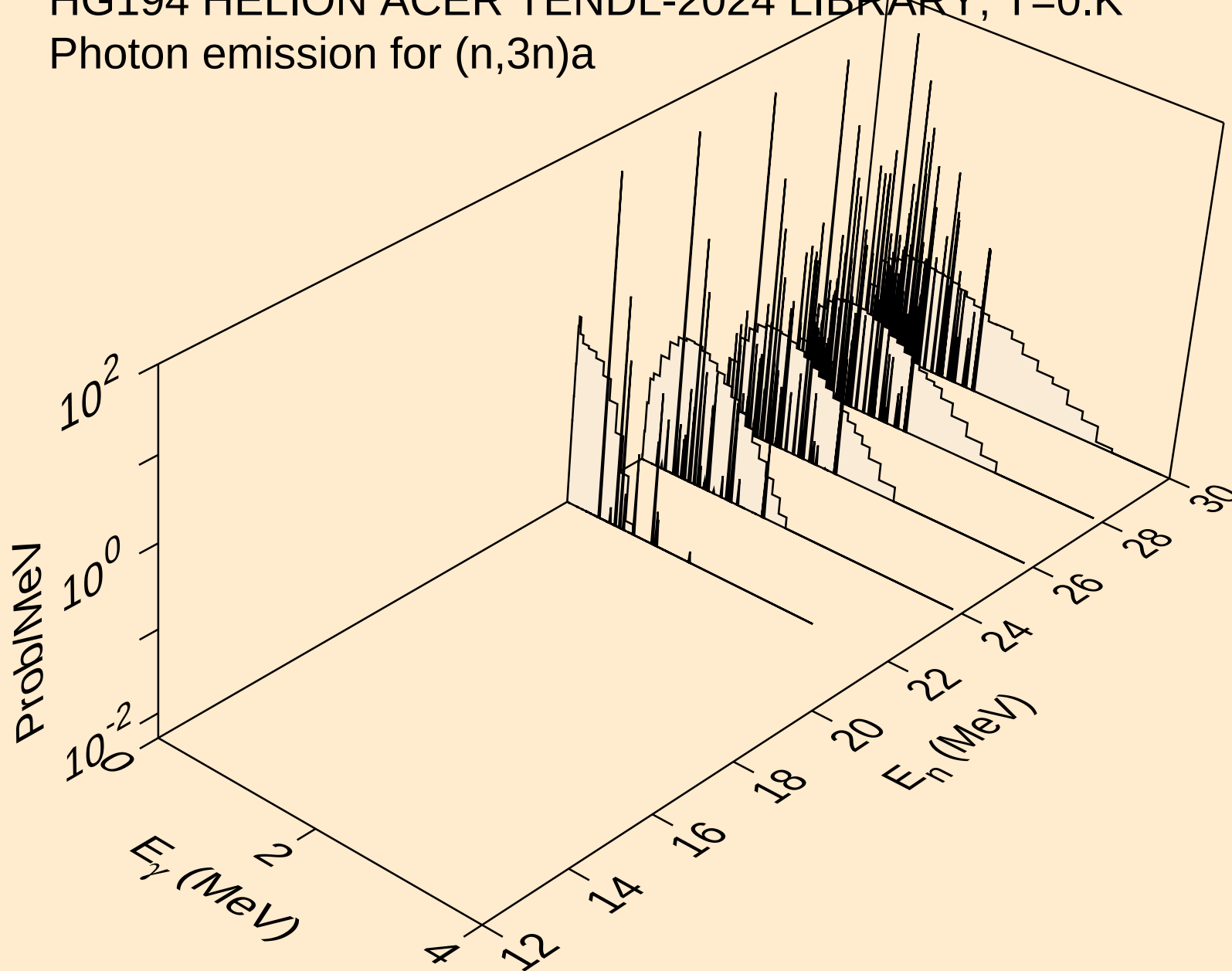


HG194 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a

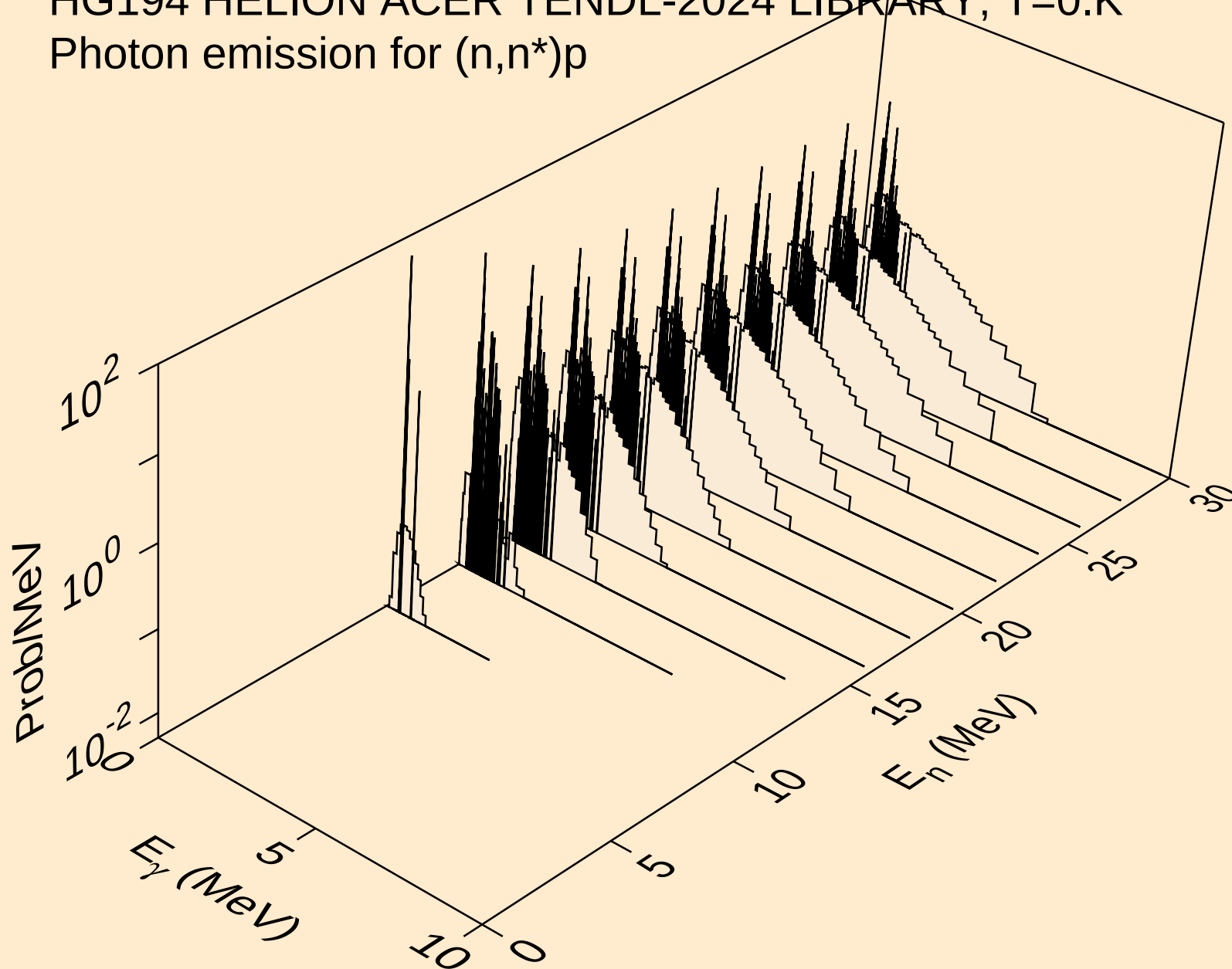


HG194 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,3n) $\alpha$

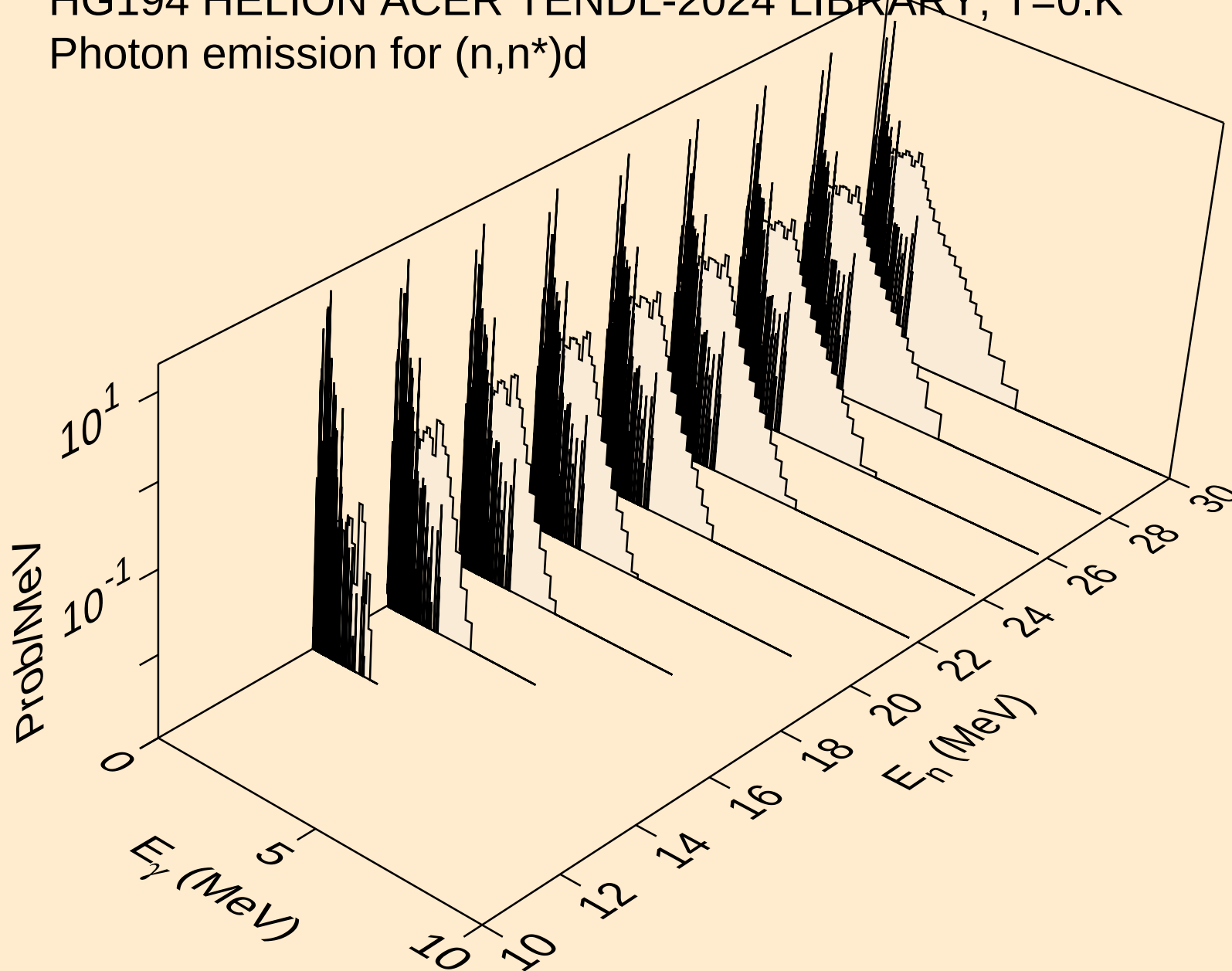


HG194 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



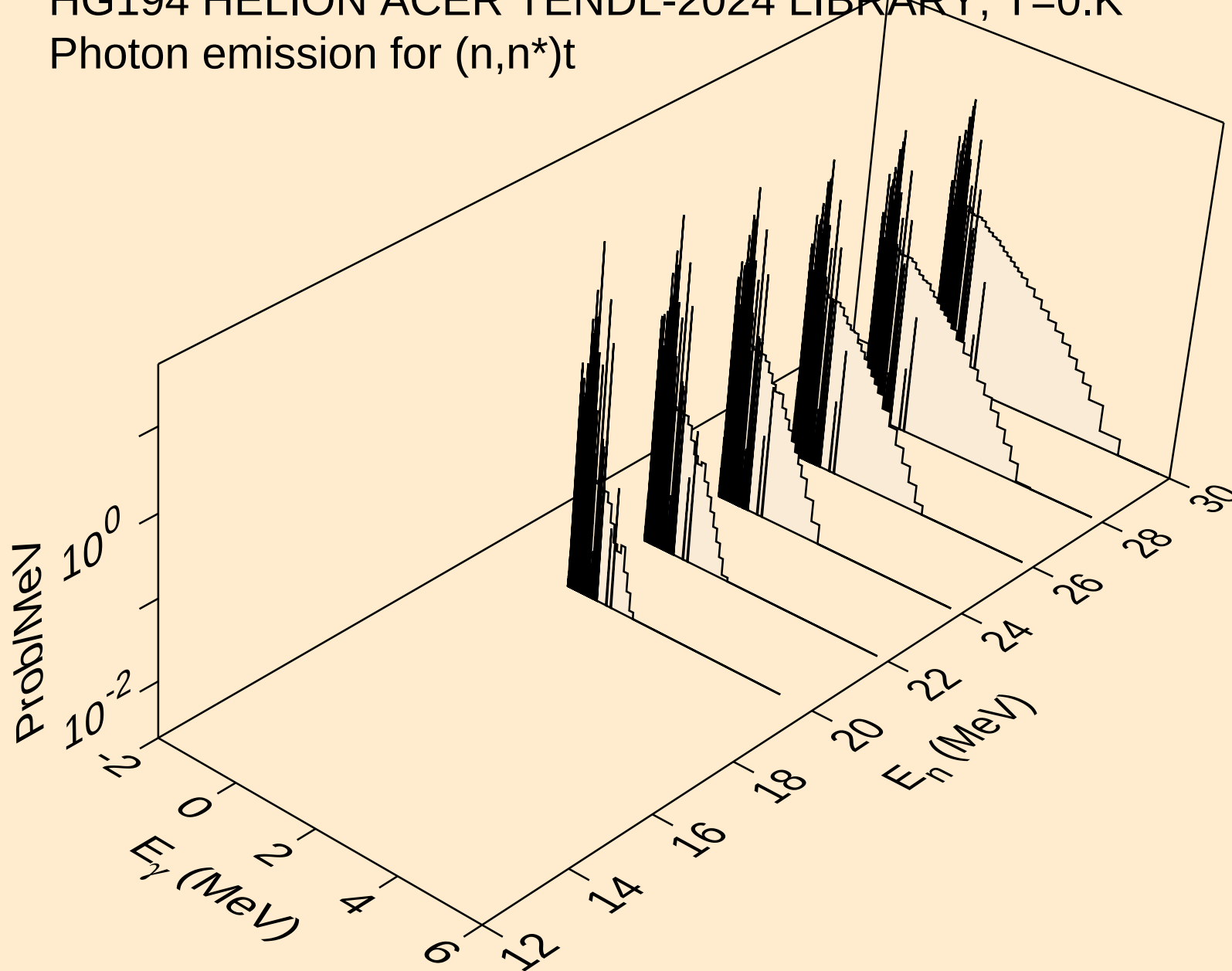
HG194 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)d



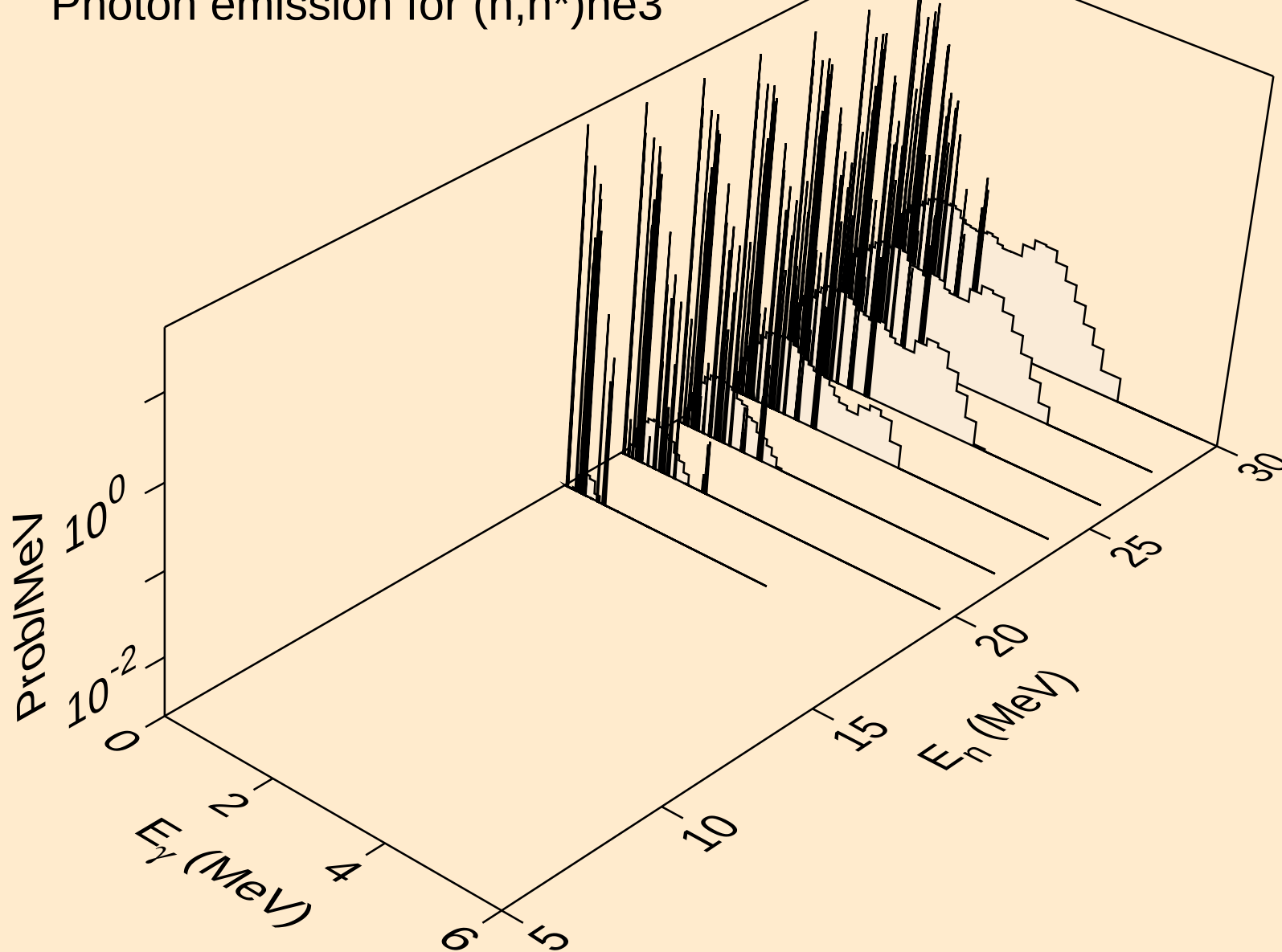
HG194 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)t

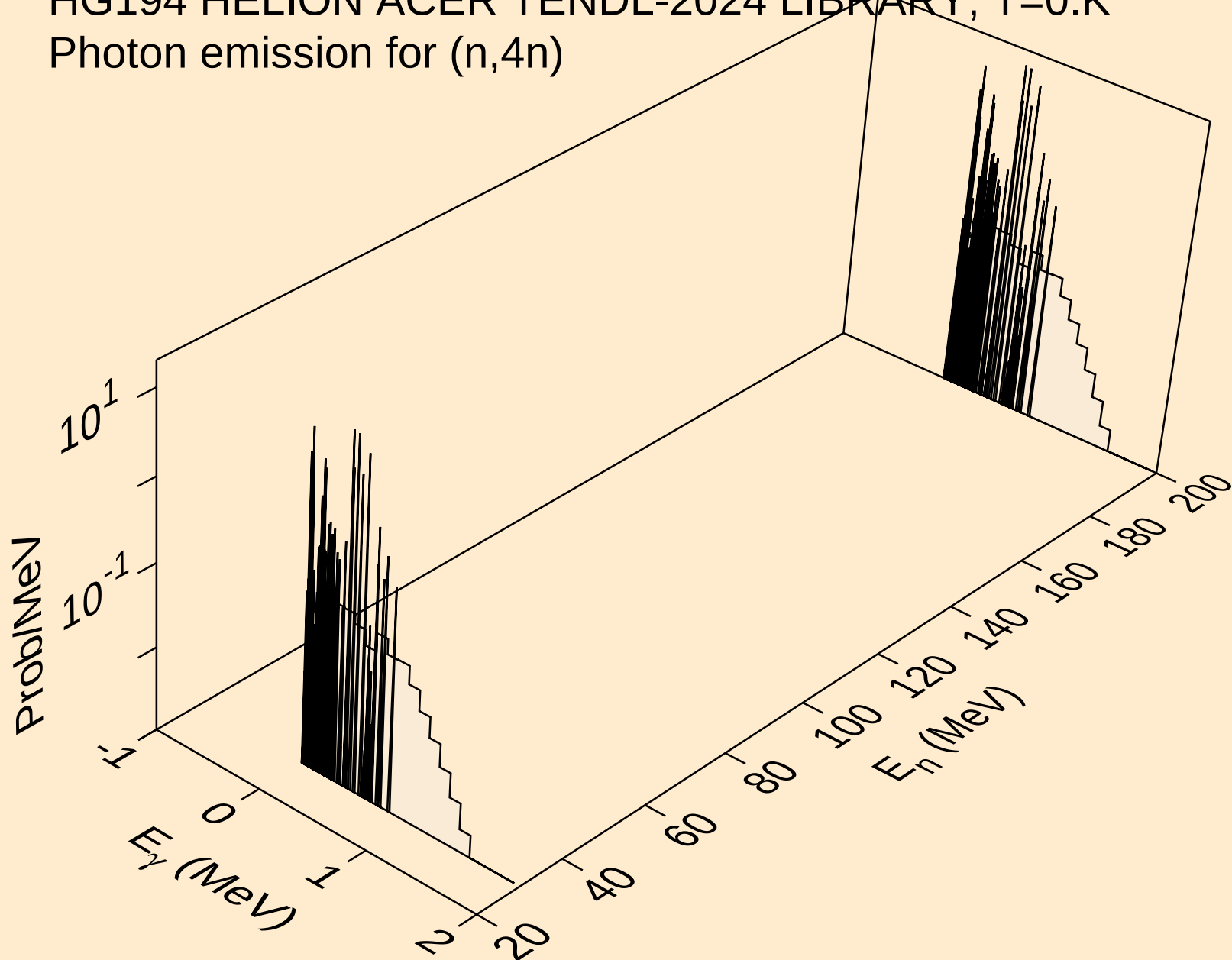


HG194 HELION ACER TENDL-2024 LIBRARY; T=0.K

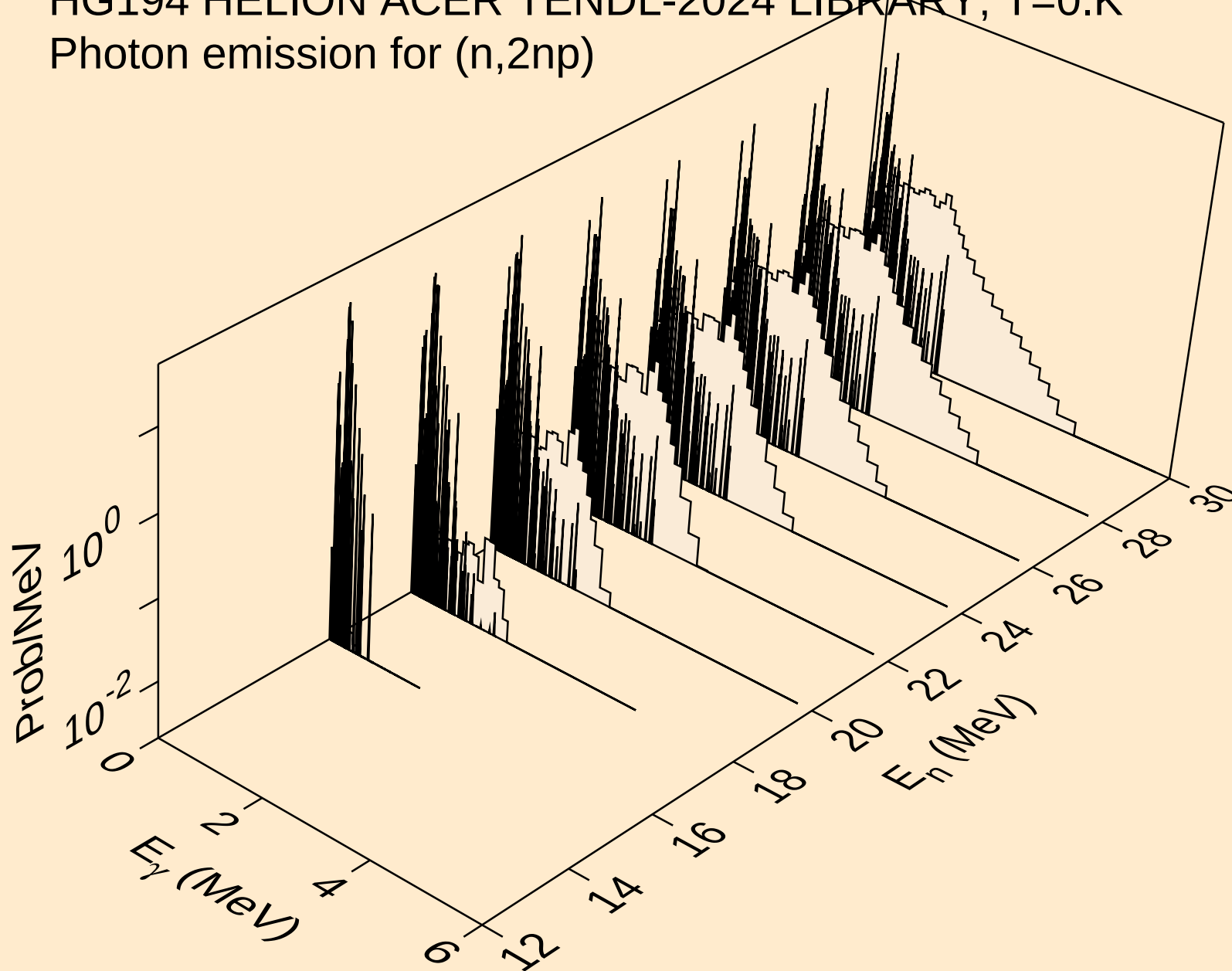
Photon emission for (n,n\*)he3



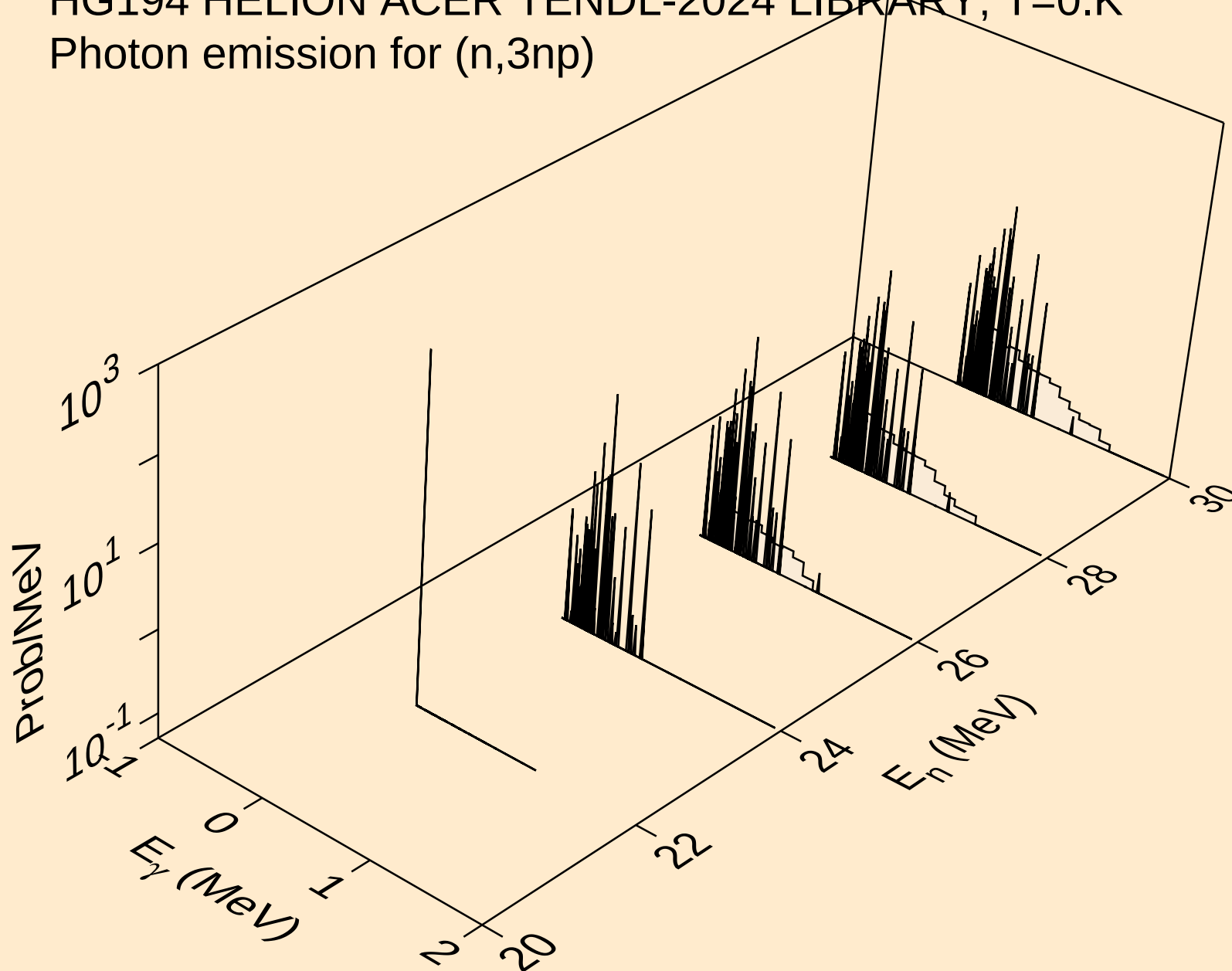
HG194 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



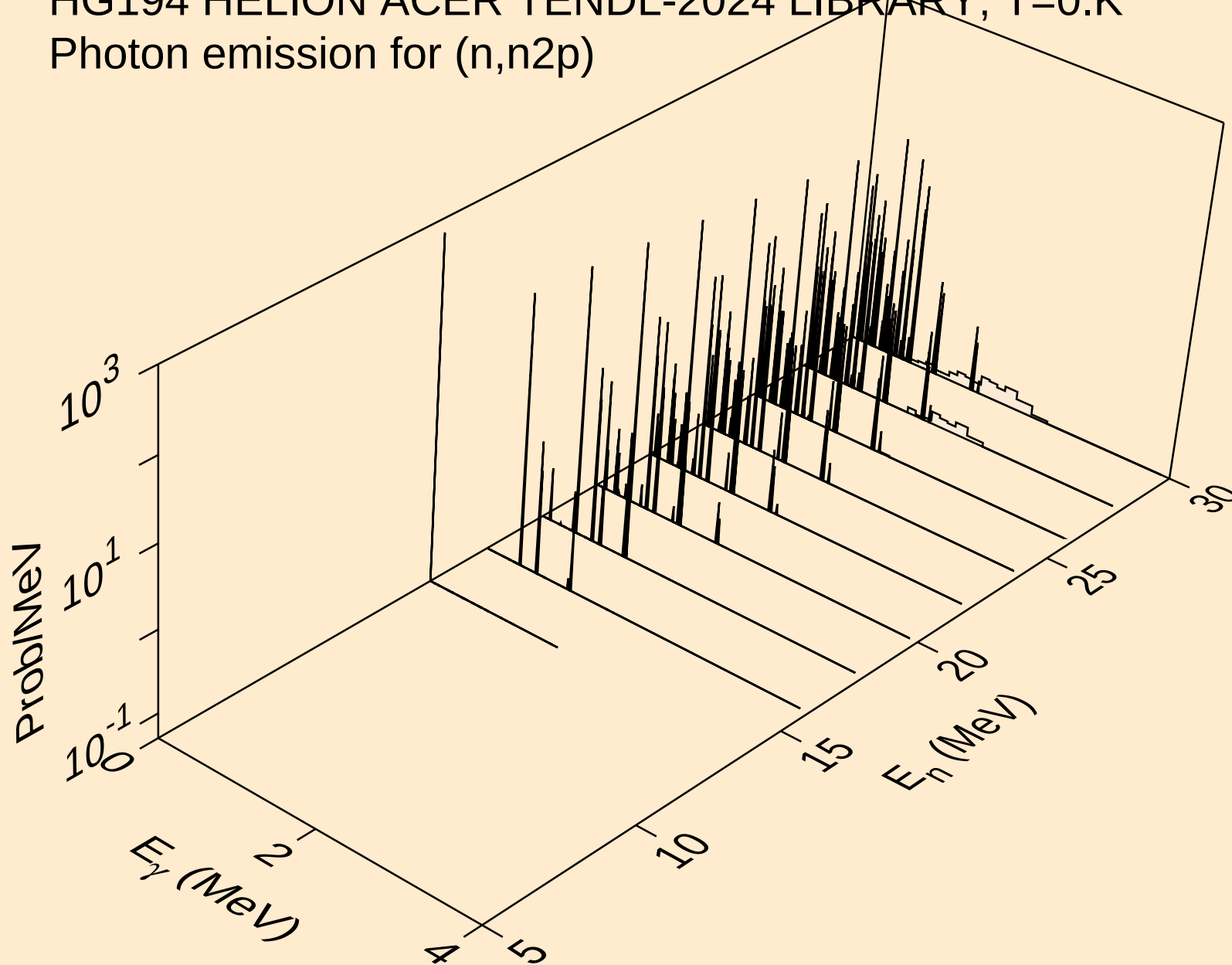
HG194 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



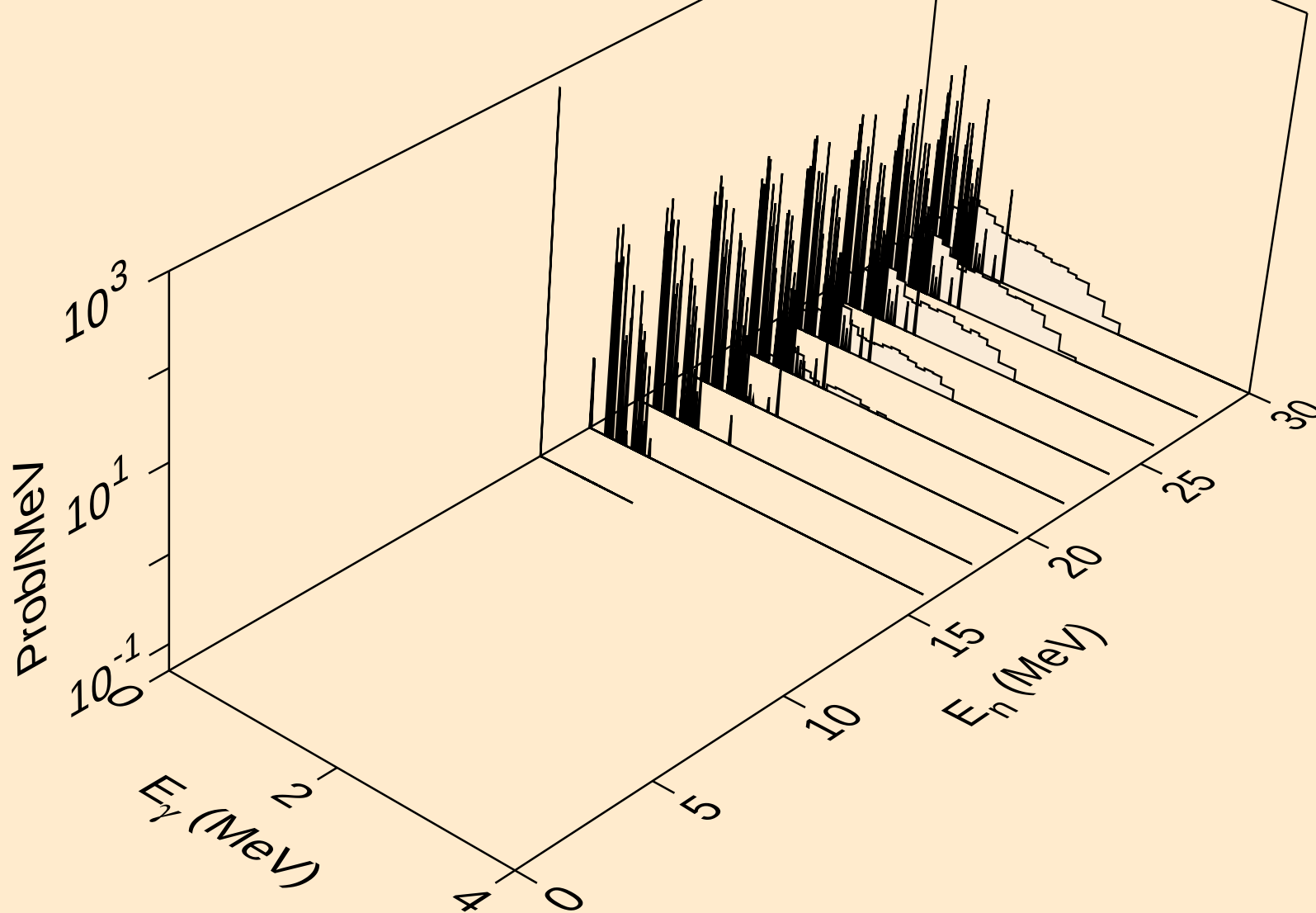
HG194 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



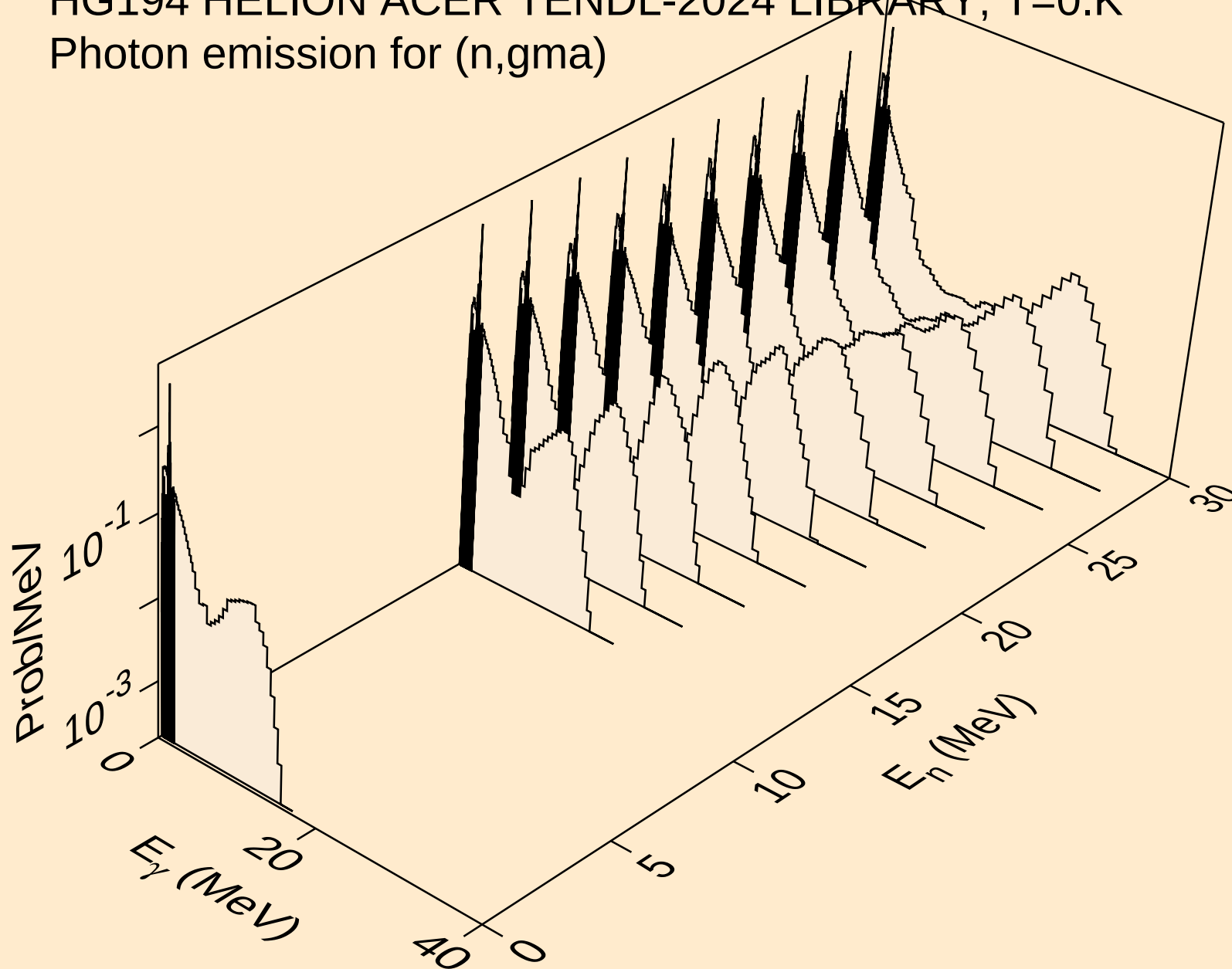
HG194 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



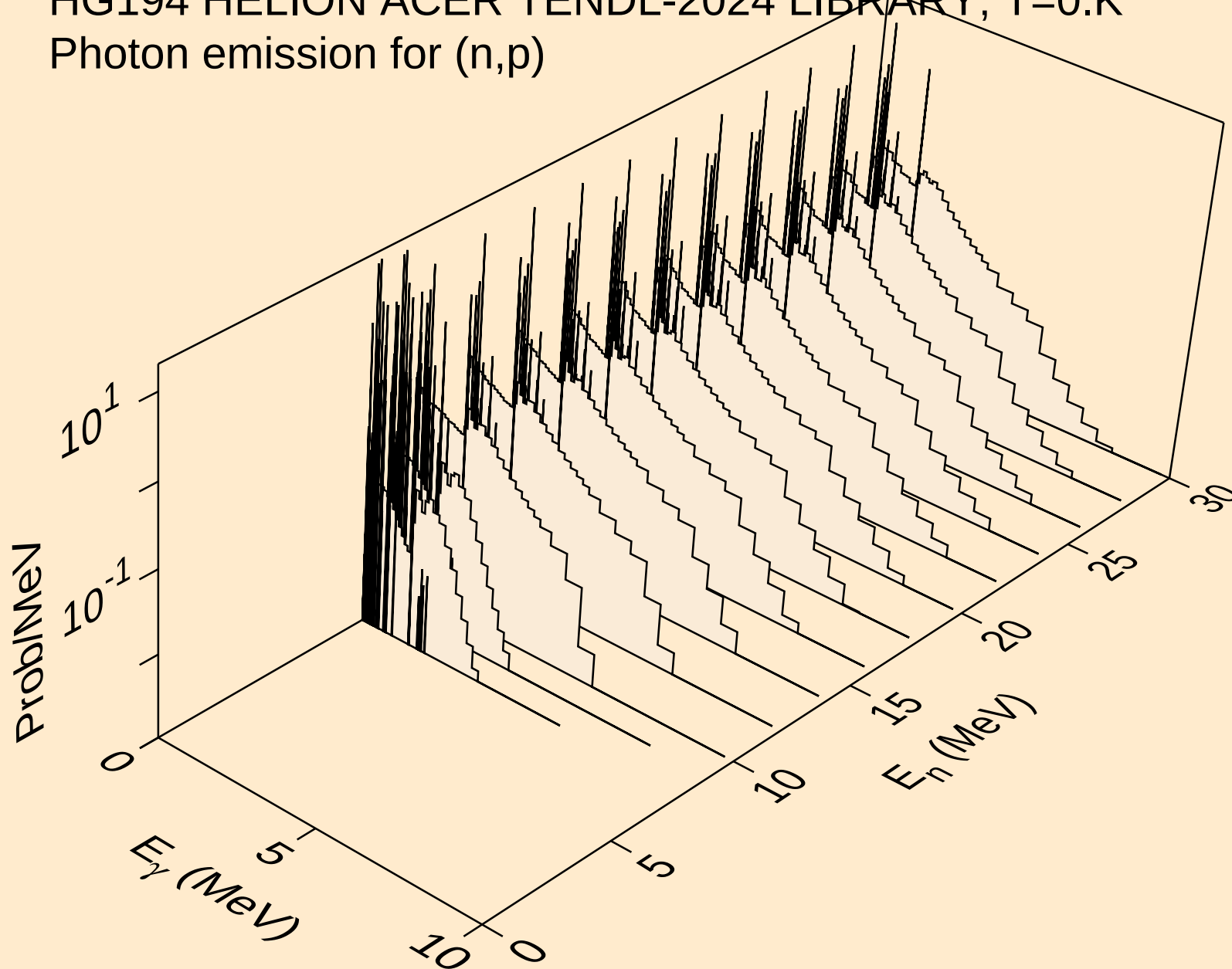
HG194 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



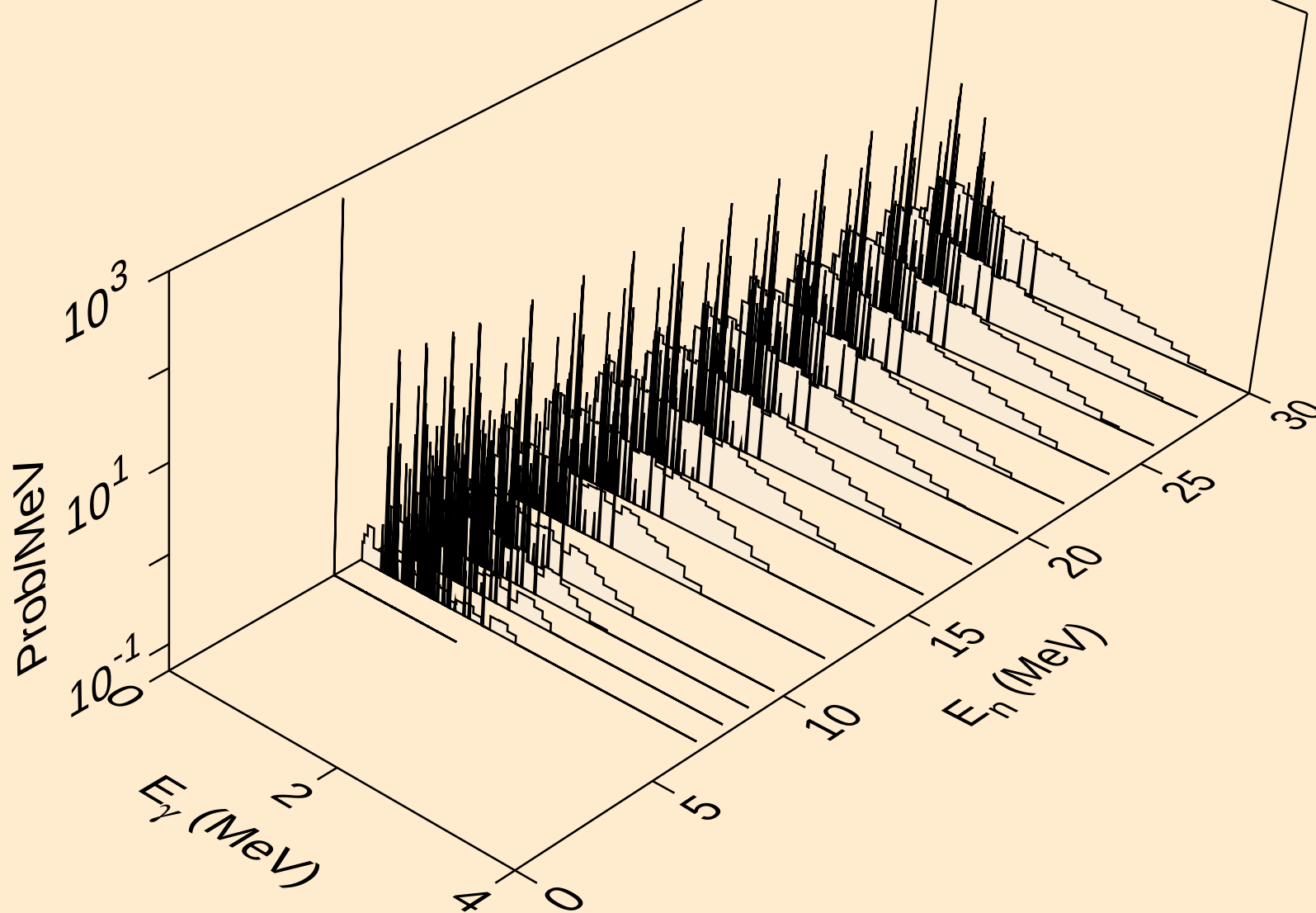
HG194 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



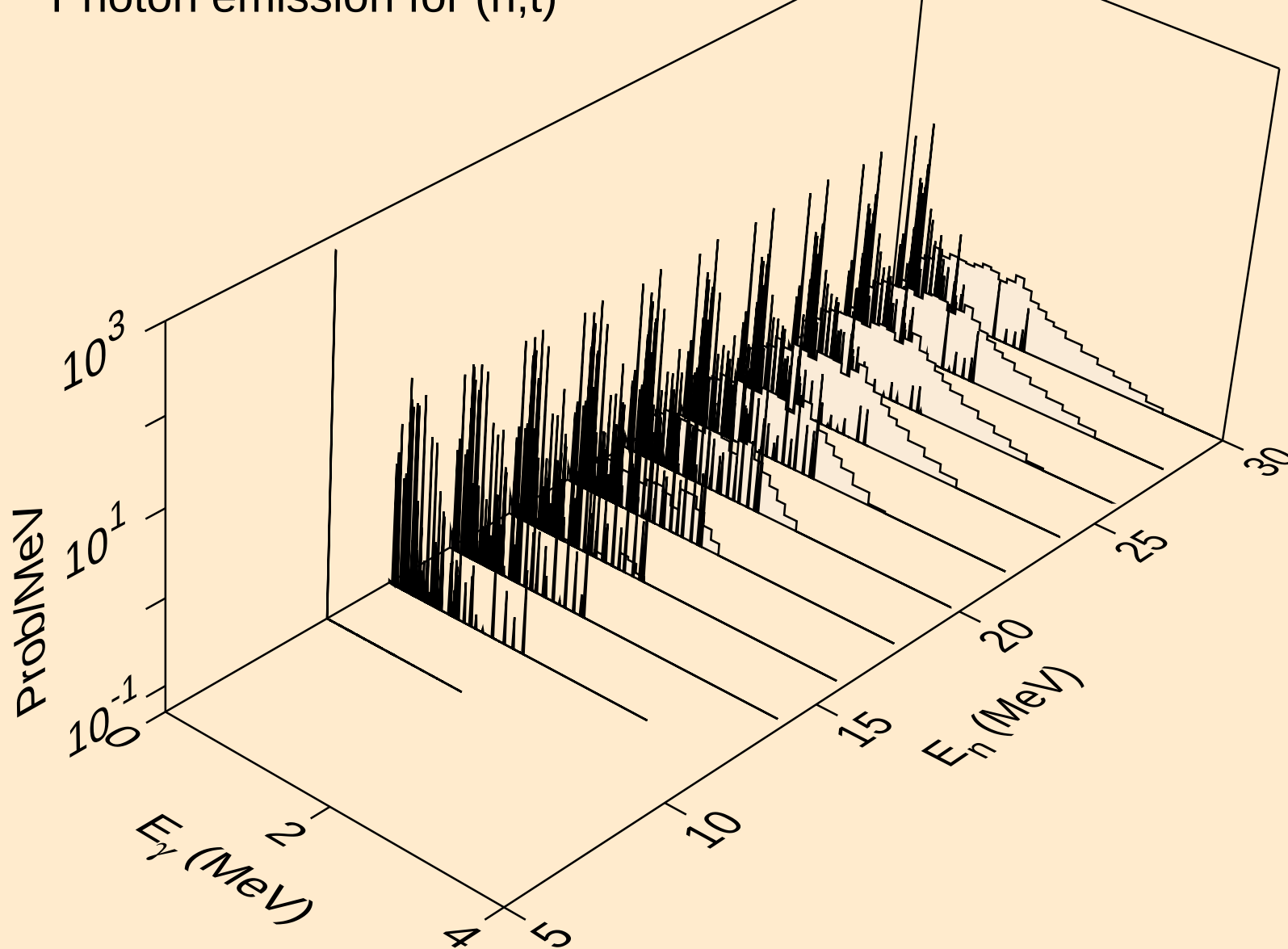
HG194 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



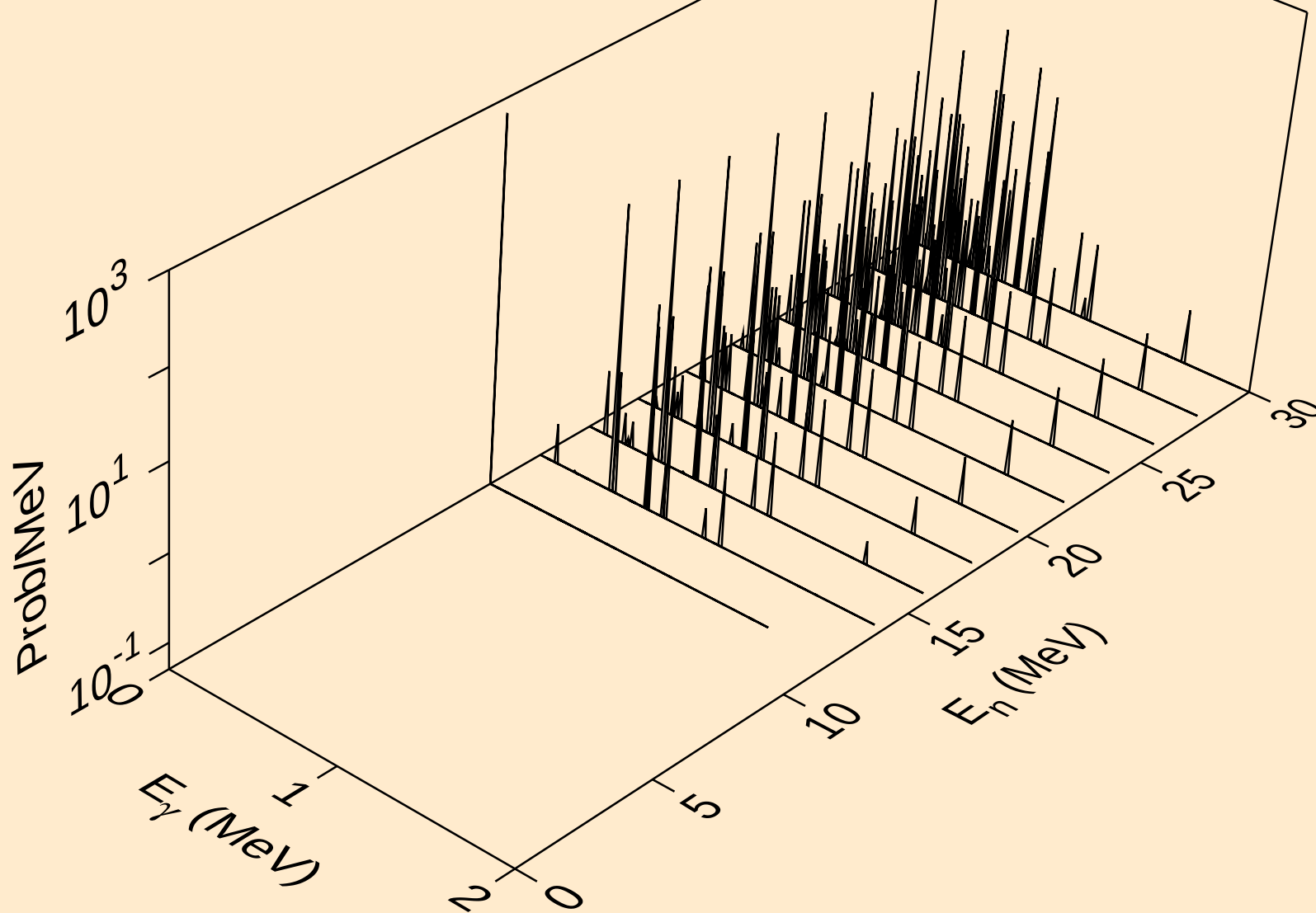
HG194 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



HG194 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)

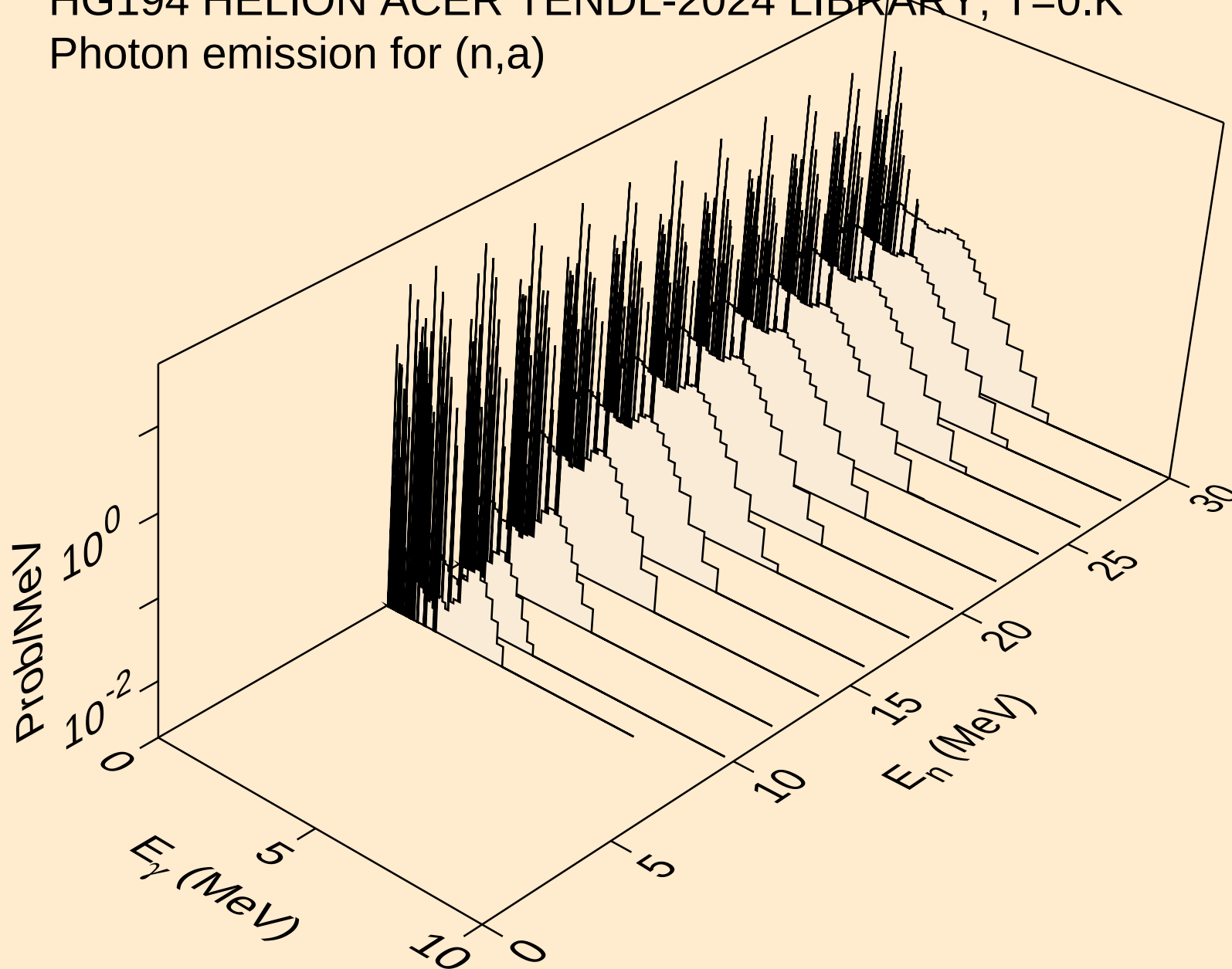


HG194 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic

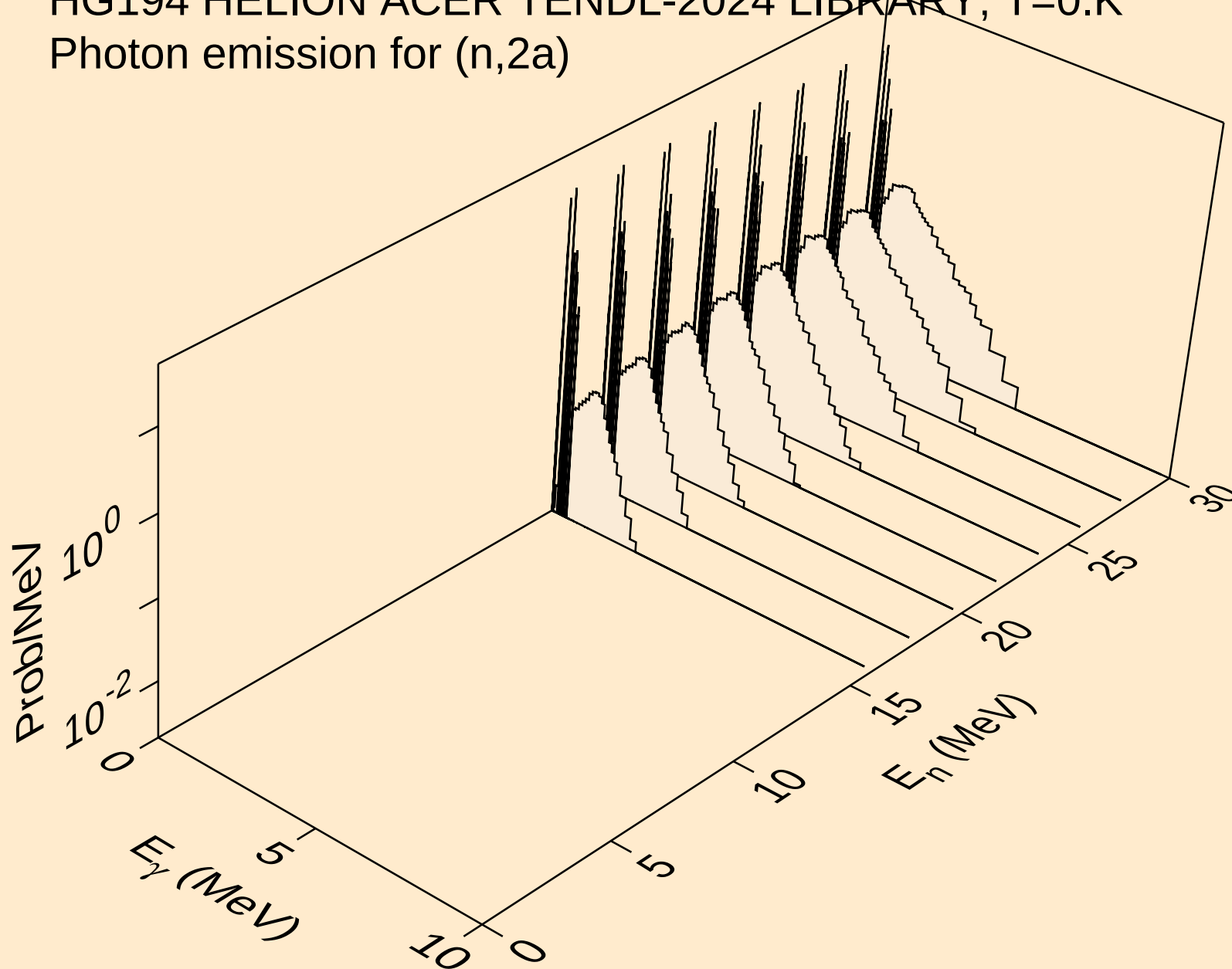


HG194 HELION ACER TENDL-2024 LIBRARY; T=0.K

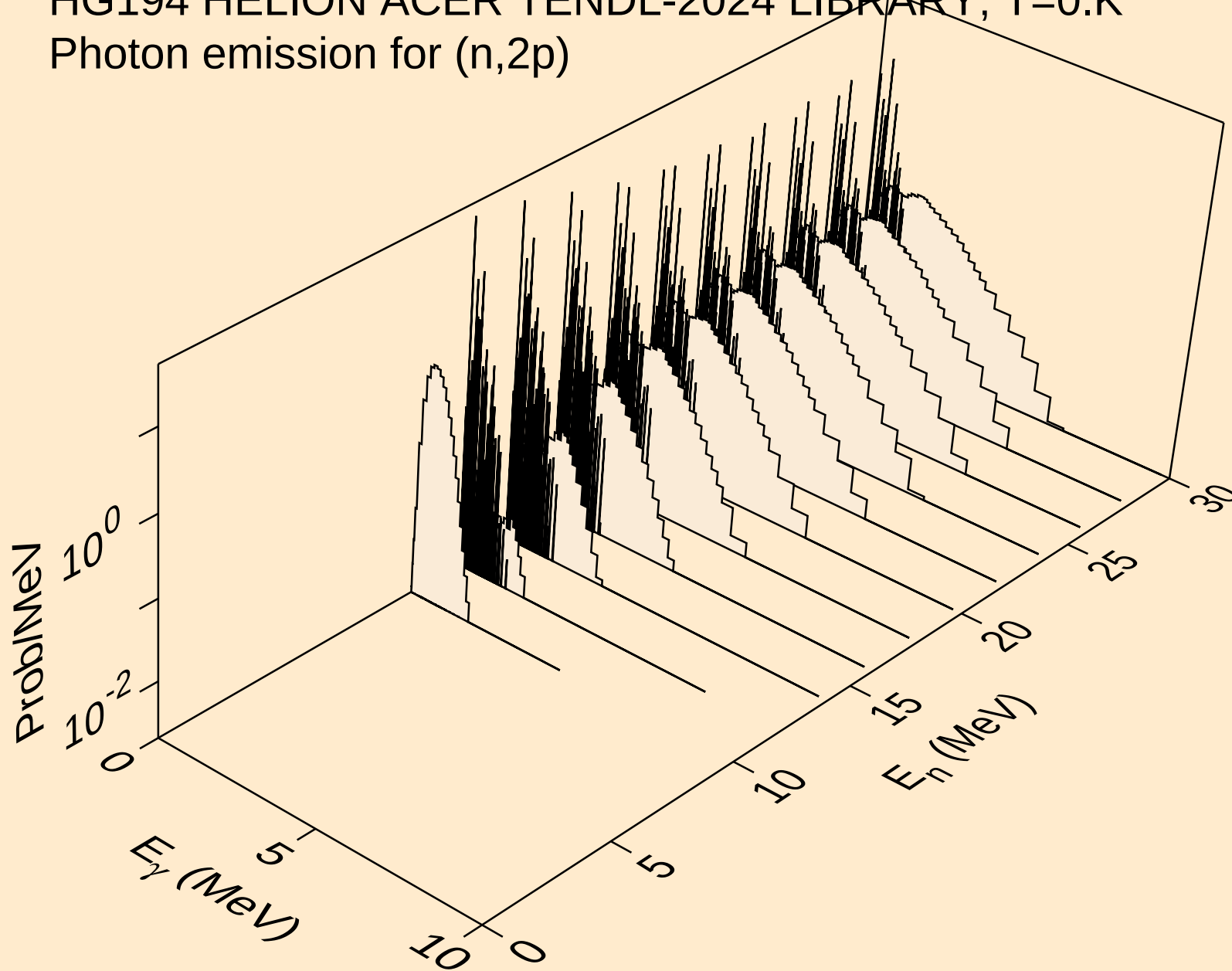
Photon emission for (n,a)



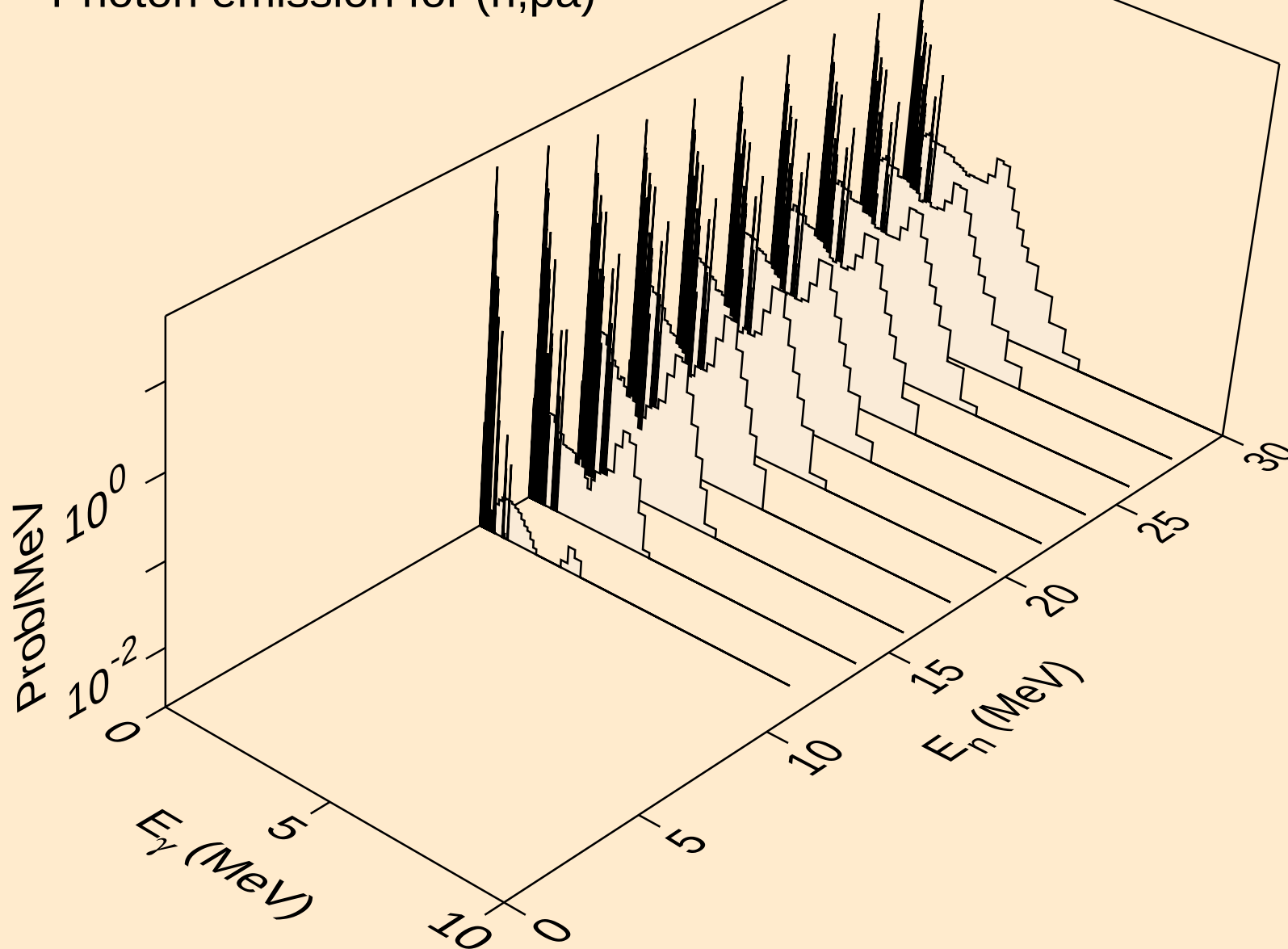
HG194 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



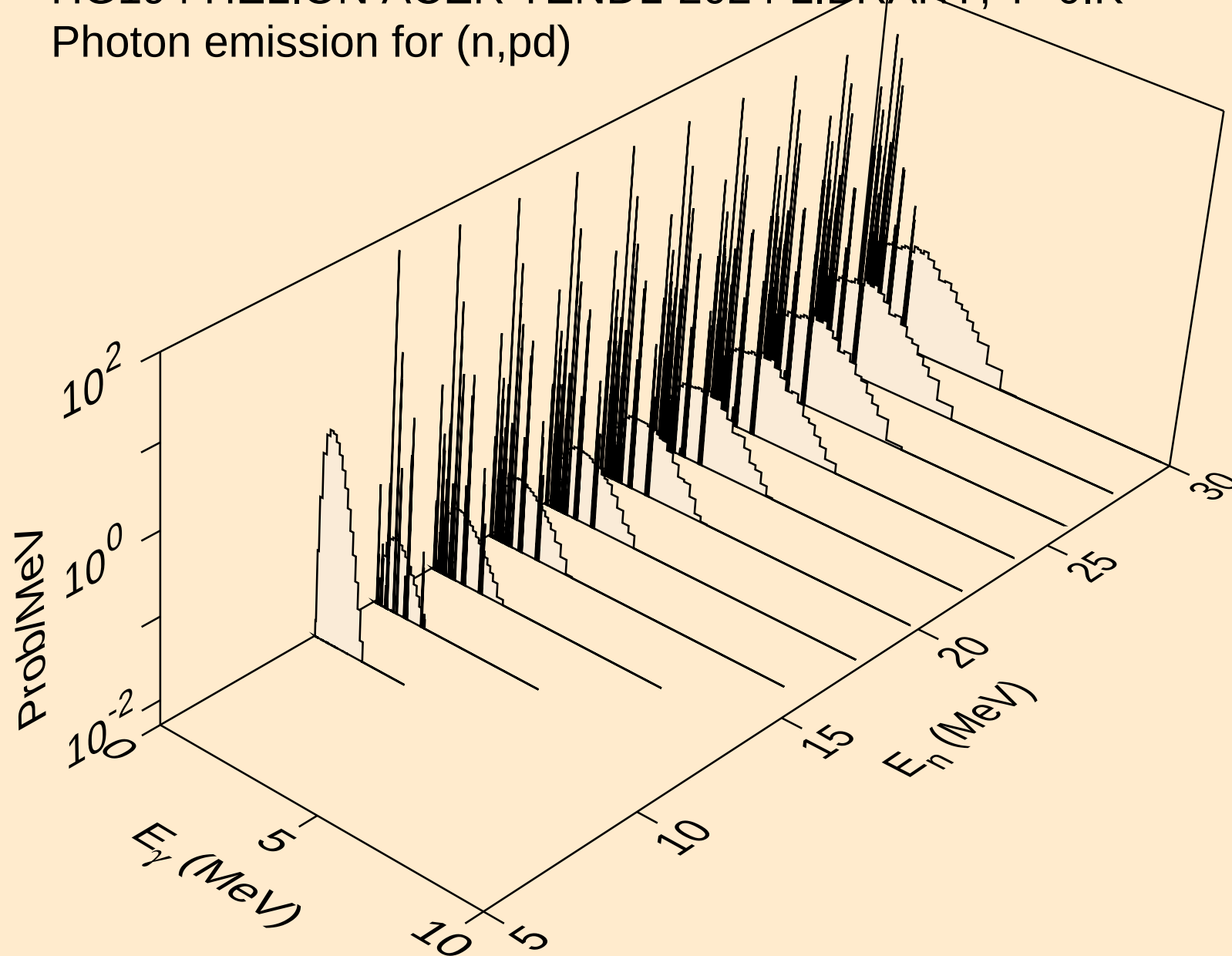
HG194 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



HG194 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pa)

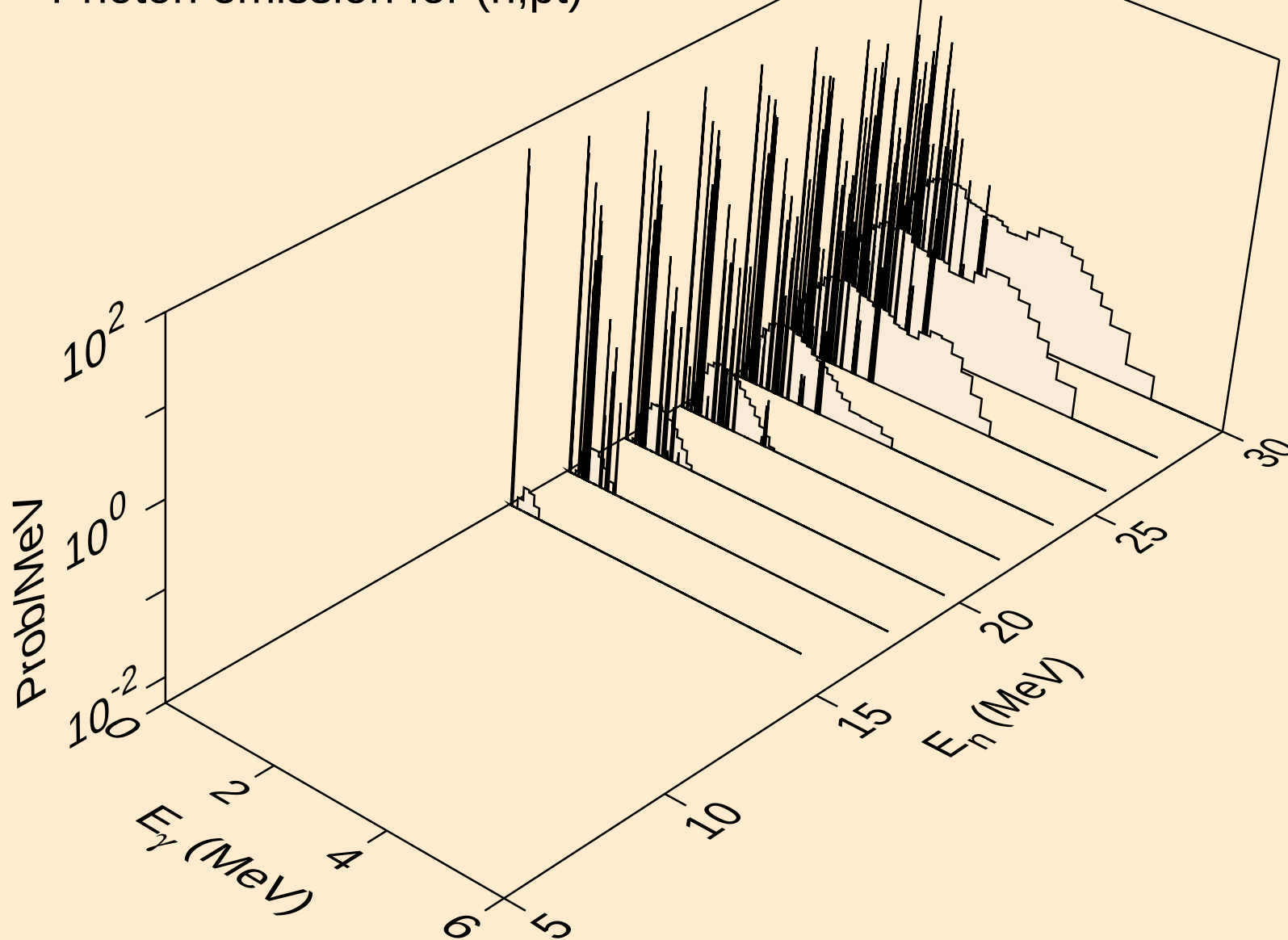


HG194 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)

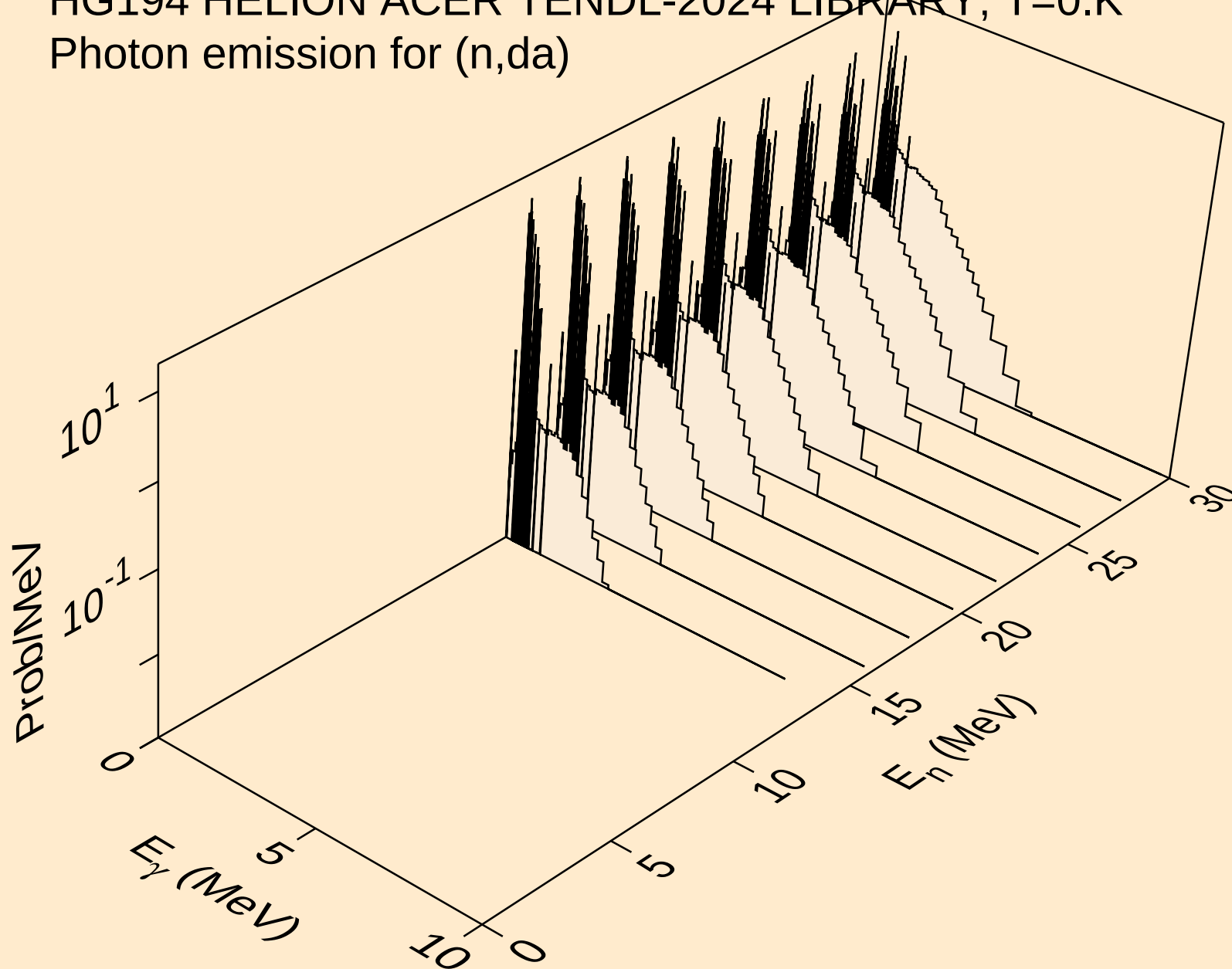


HG194 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,pt)

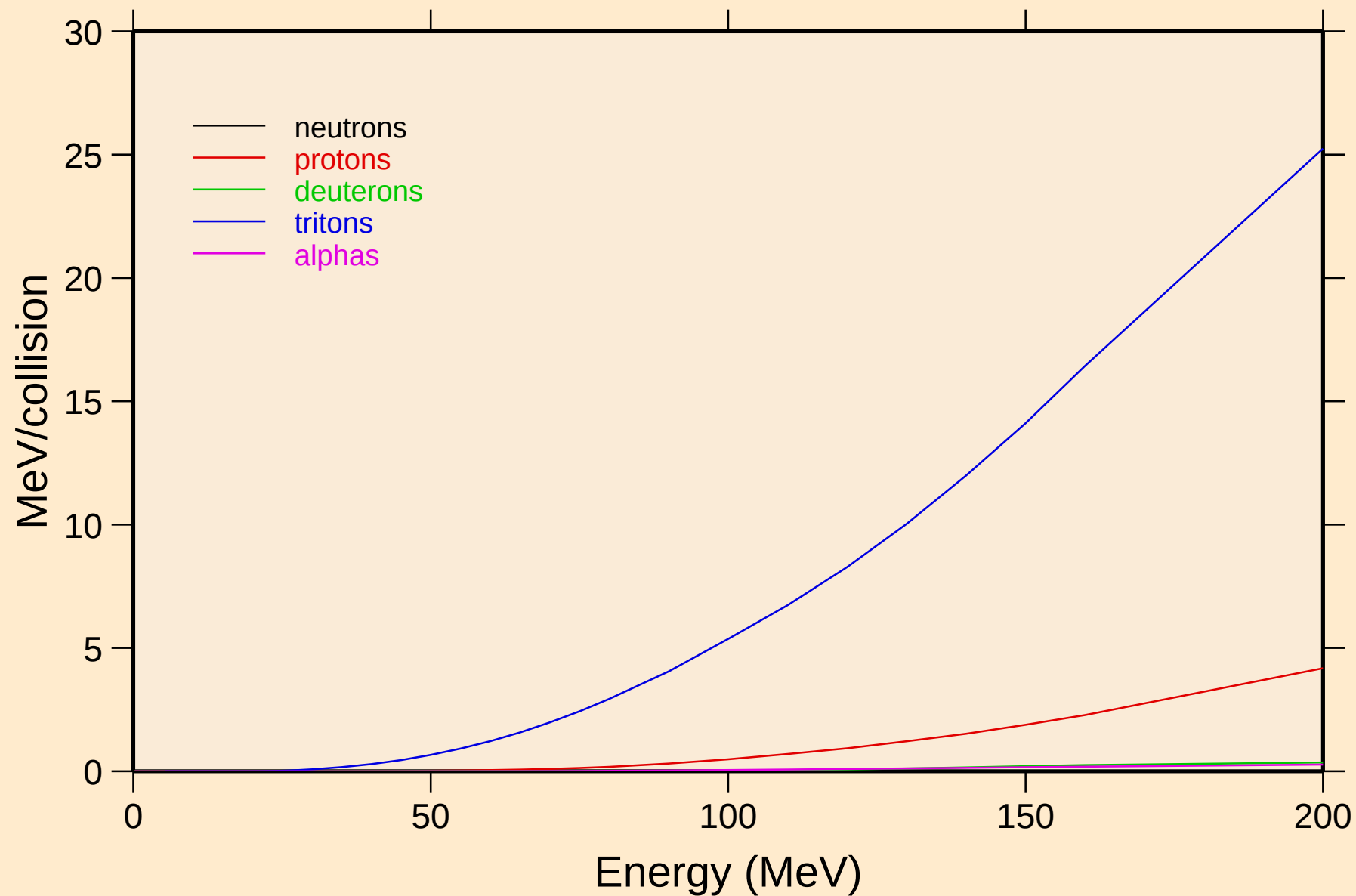


HG194 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



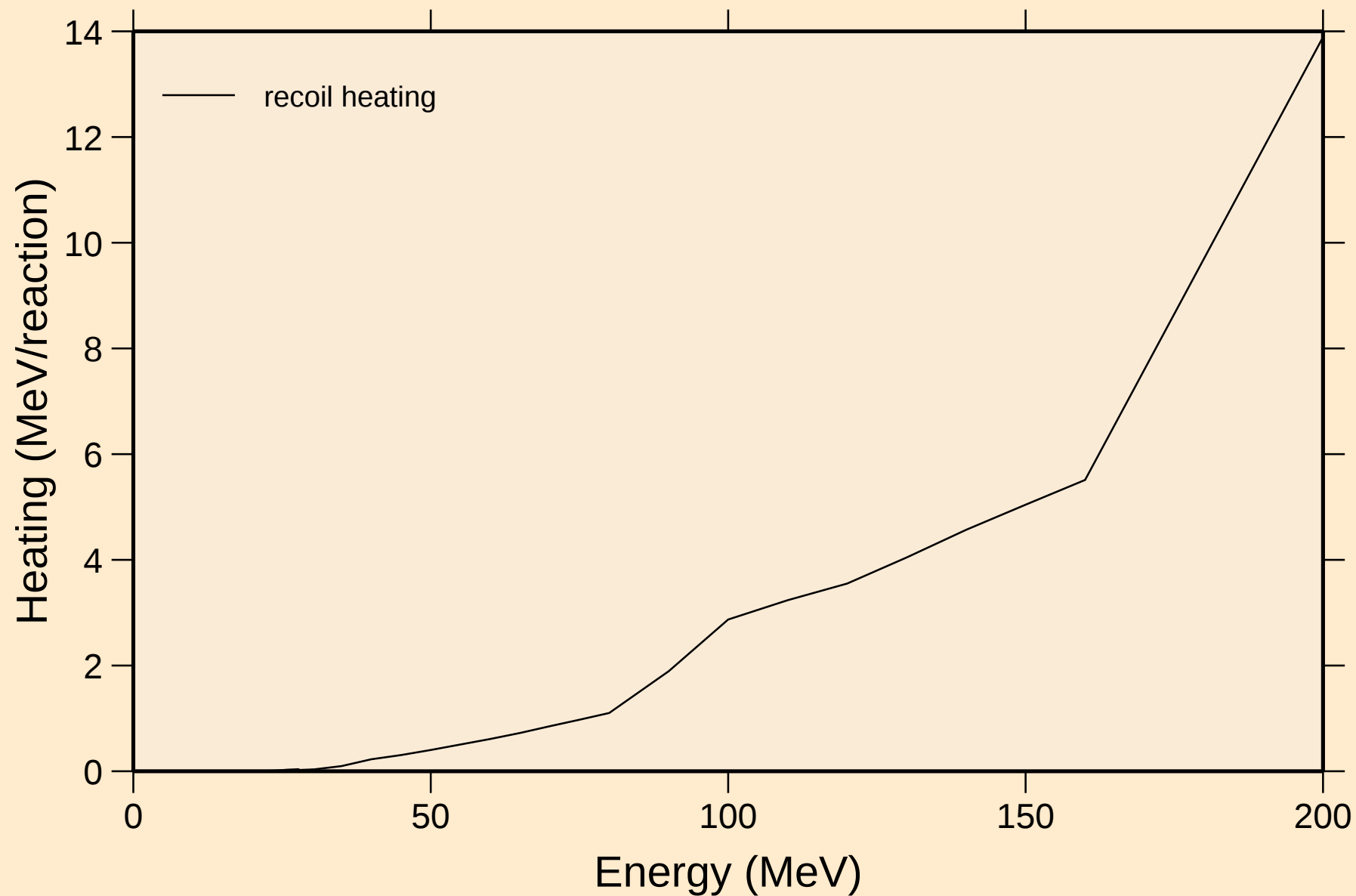
# HG194 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions



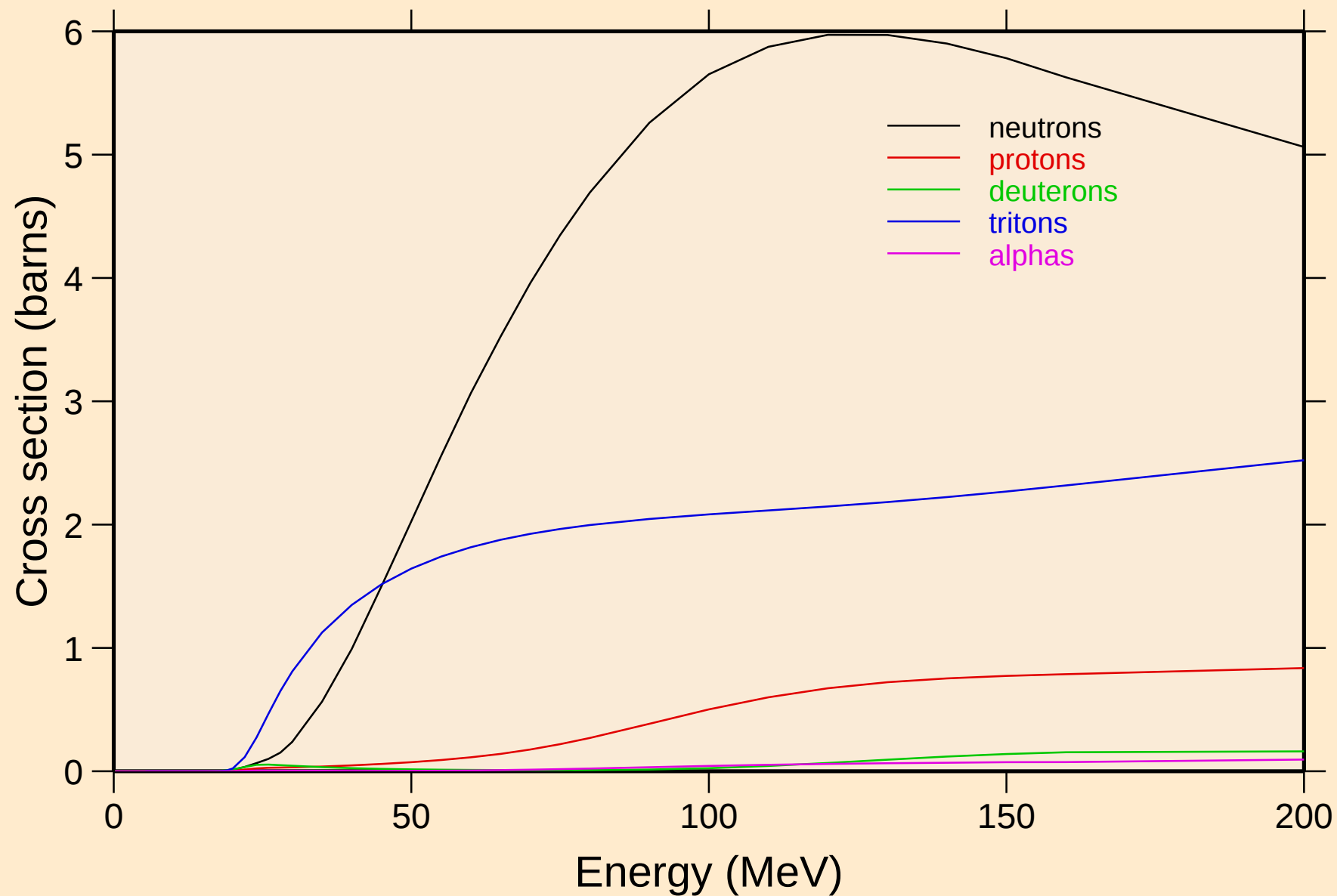
HG194 HELION ACER TENDL-2024 LIBRARY; T=0.K

Recoil Heating

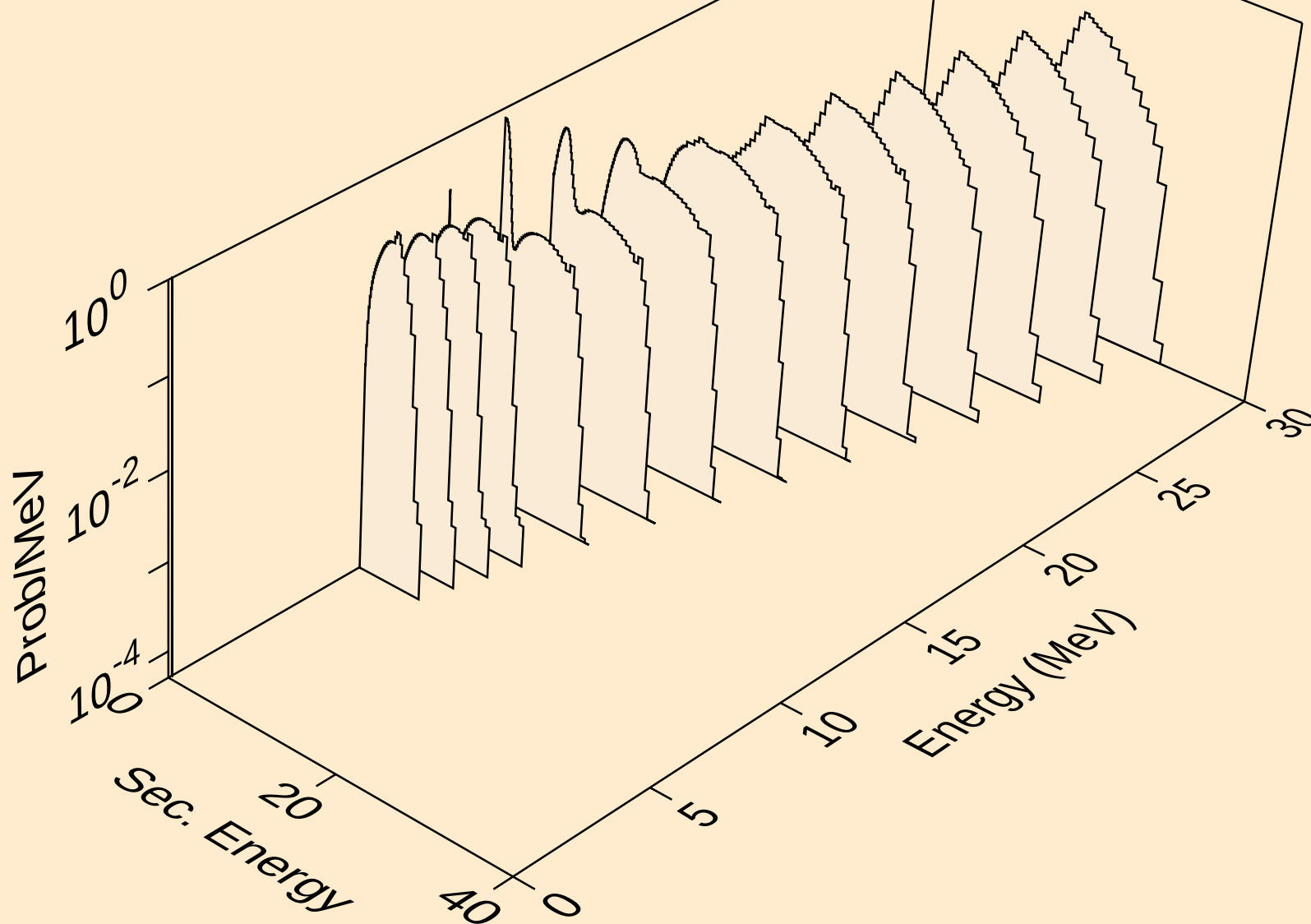


# HG194 HELION ACER TENDL-2024 LIBRARY; T=0.K

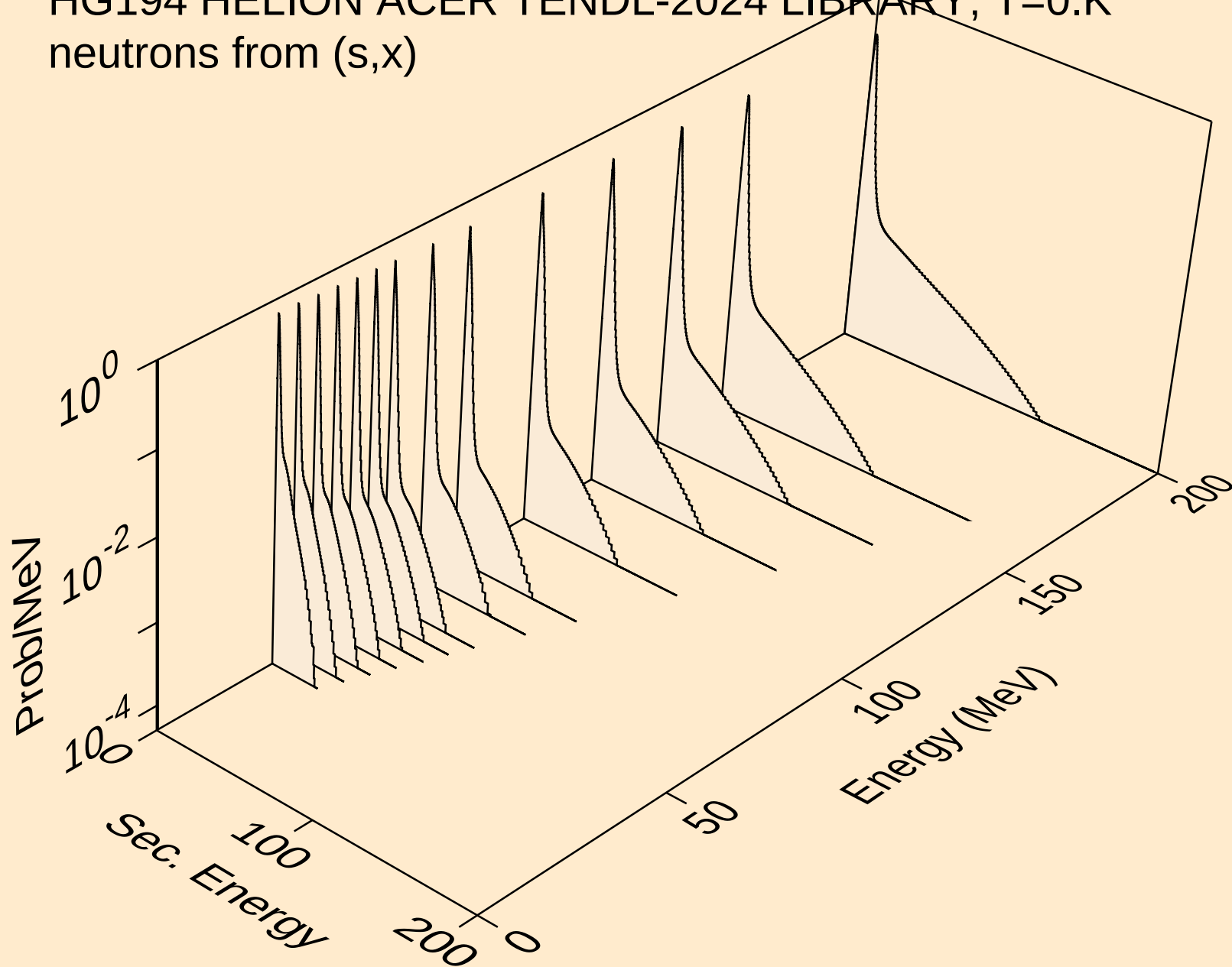
## Particle production cross sections



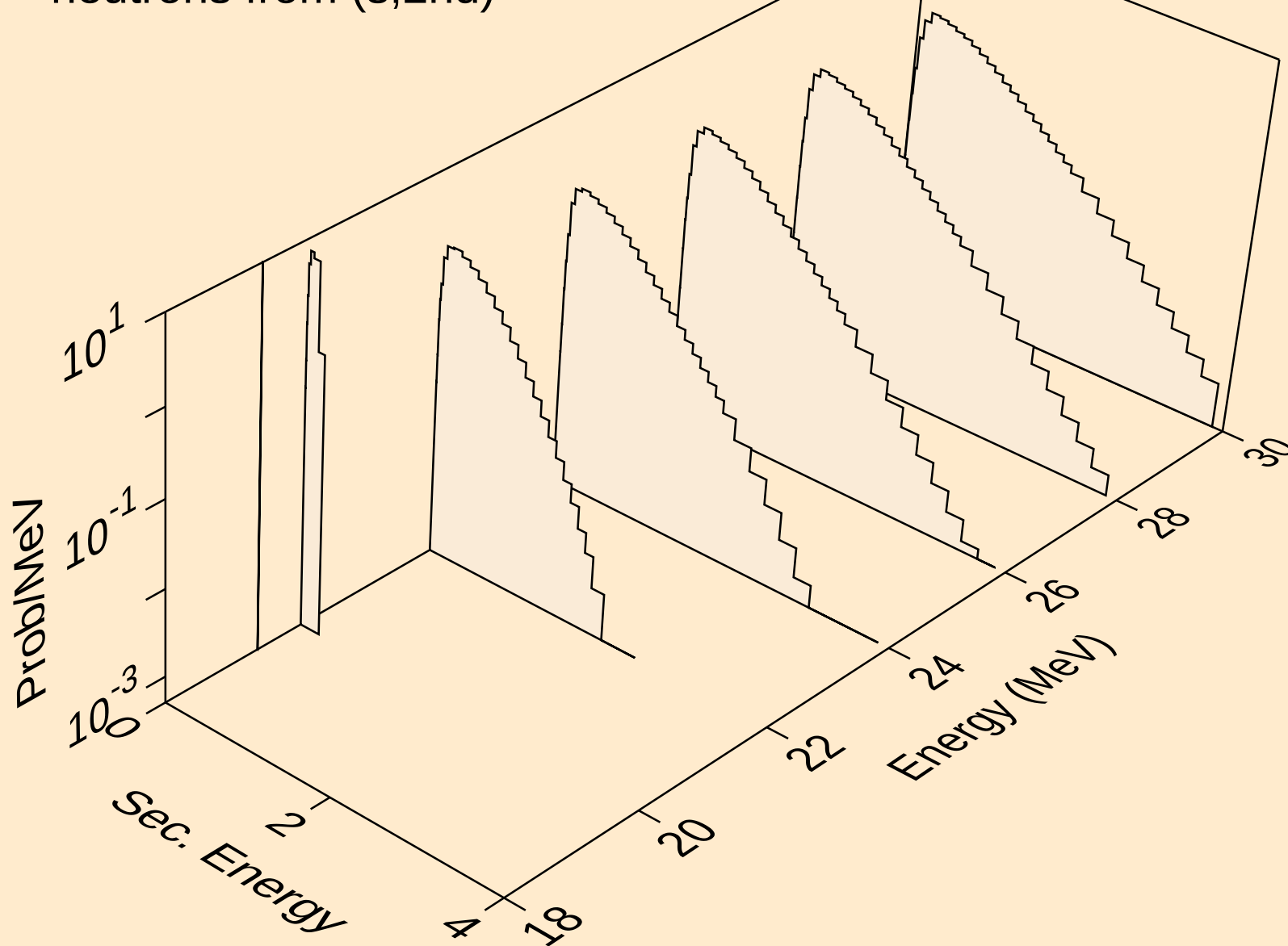
HG194 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n)



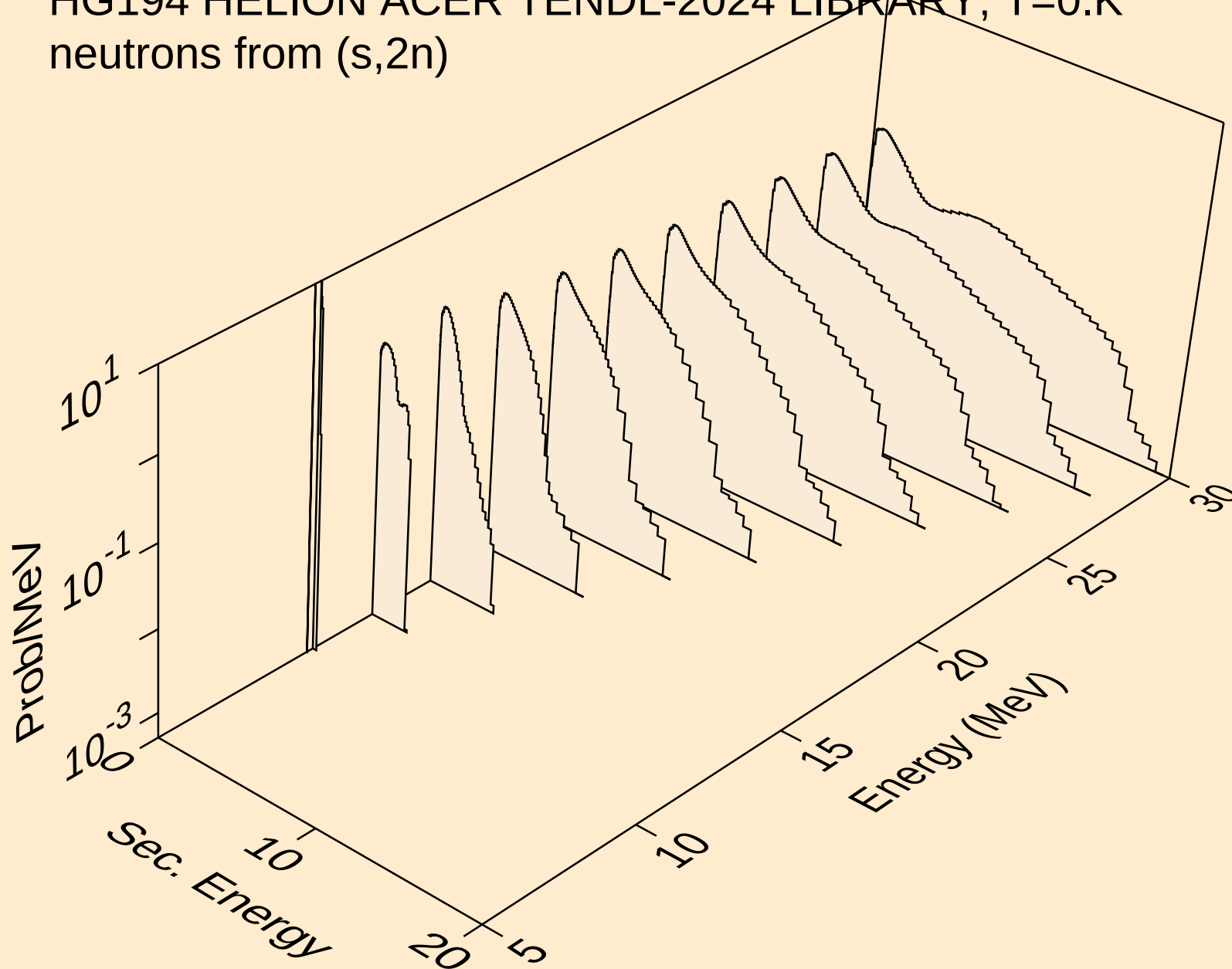
HG194 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,x)



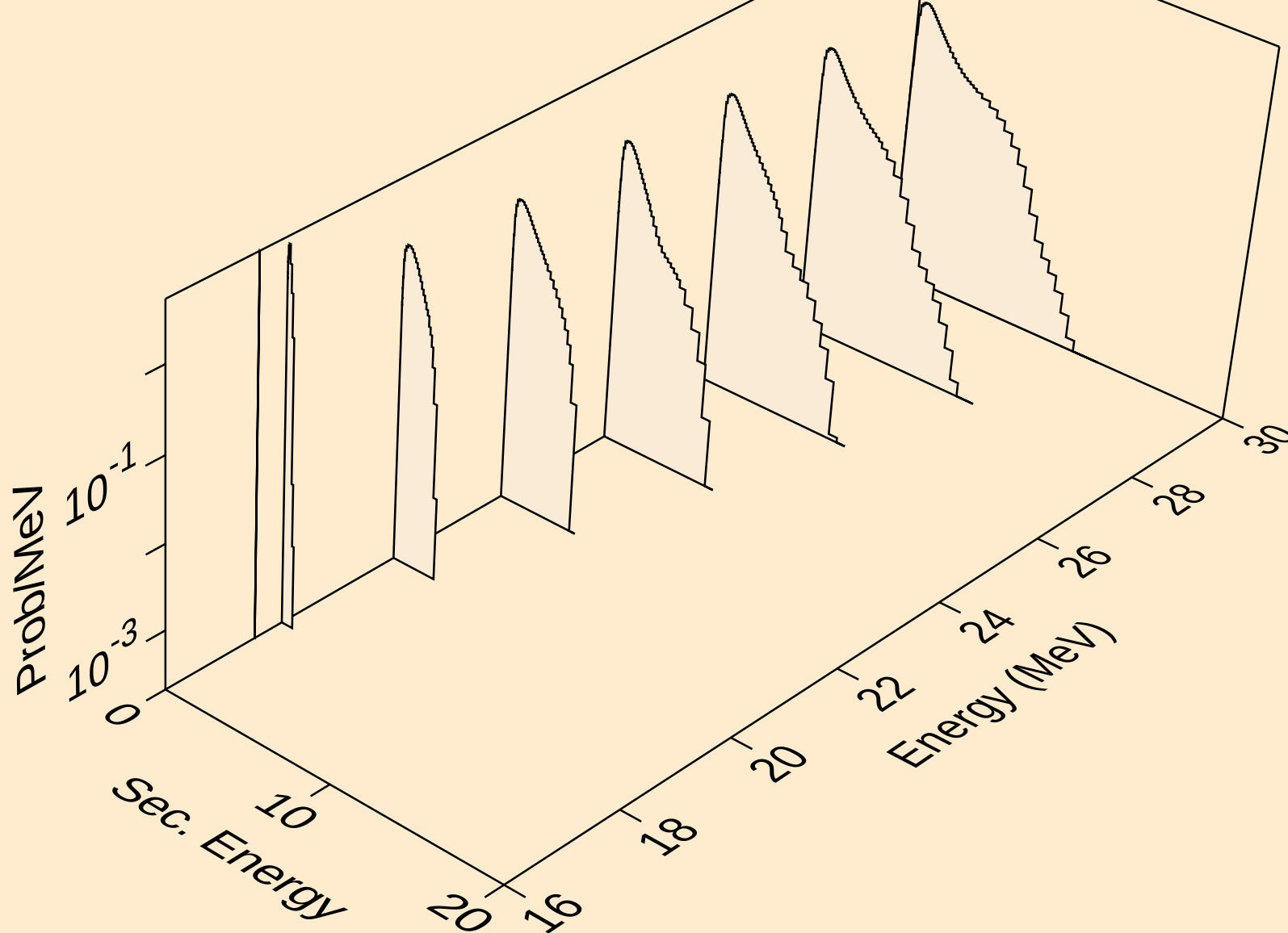
HG194 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2nd)



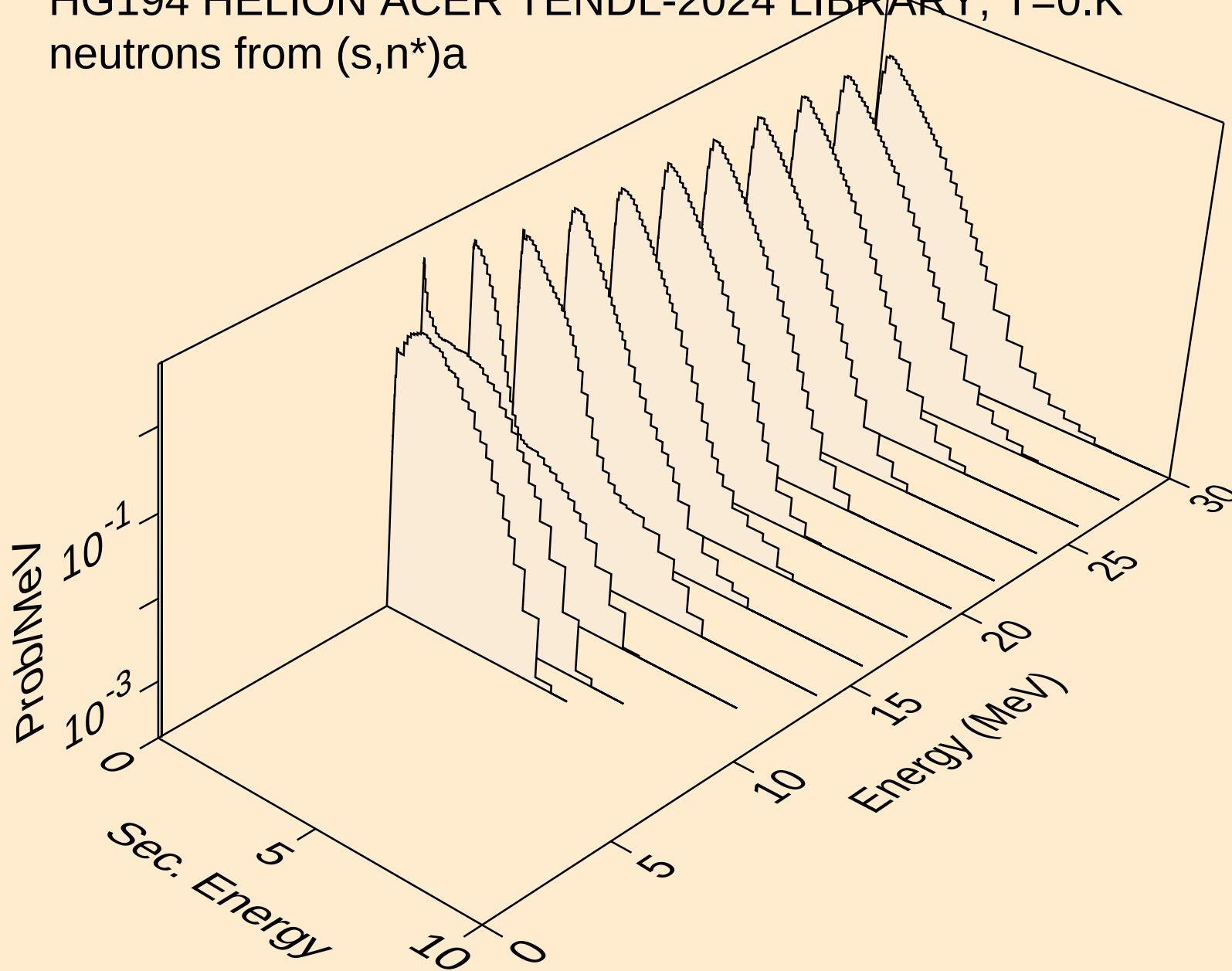
HG194 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2n)



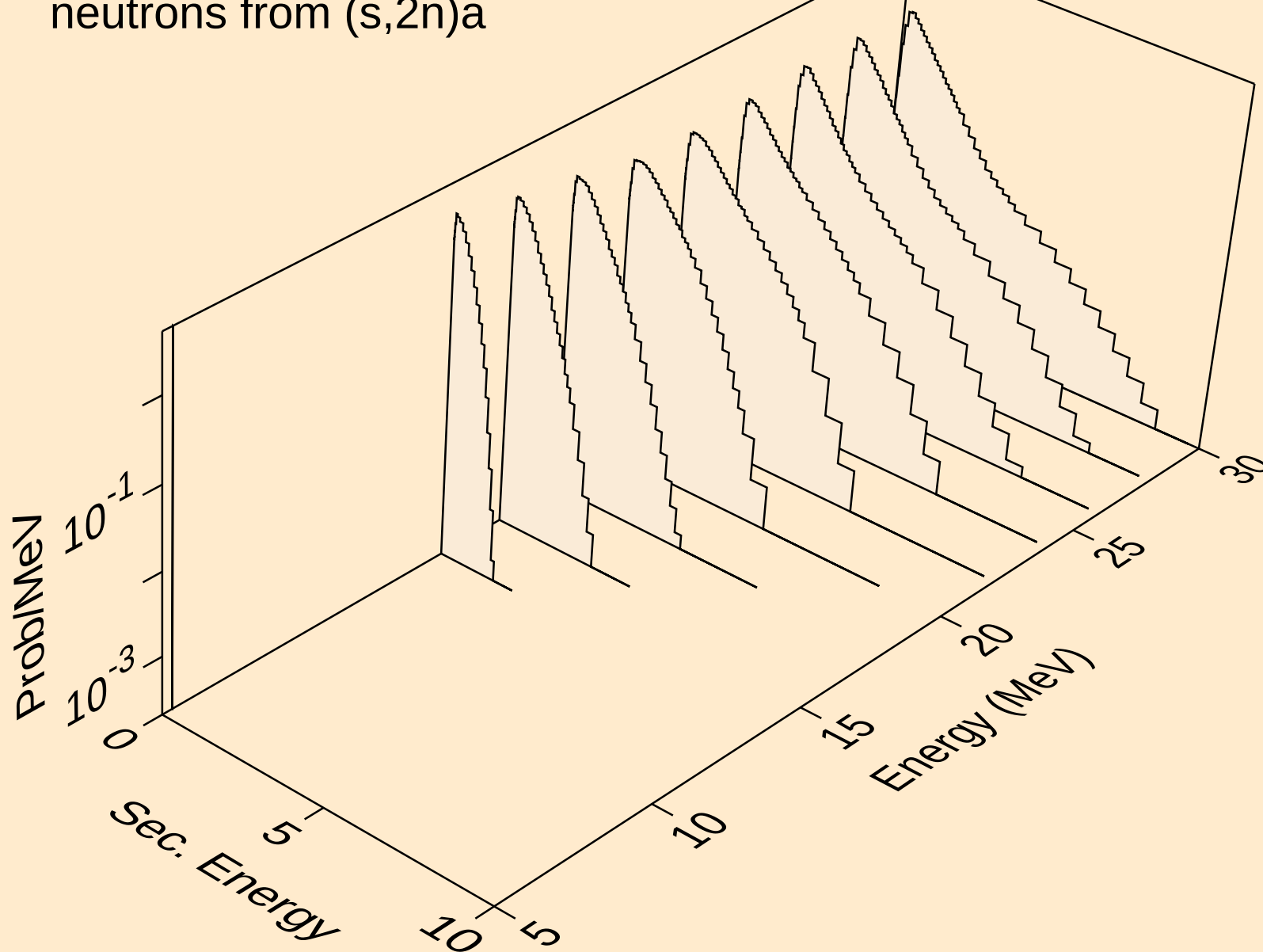
HG194 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,3n)



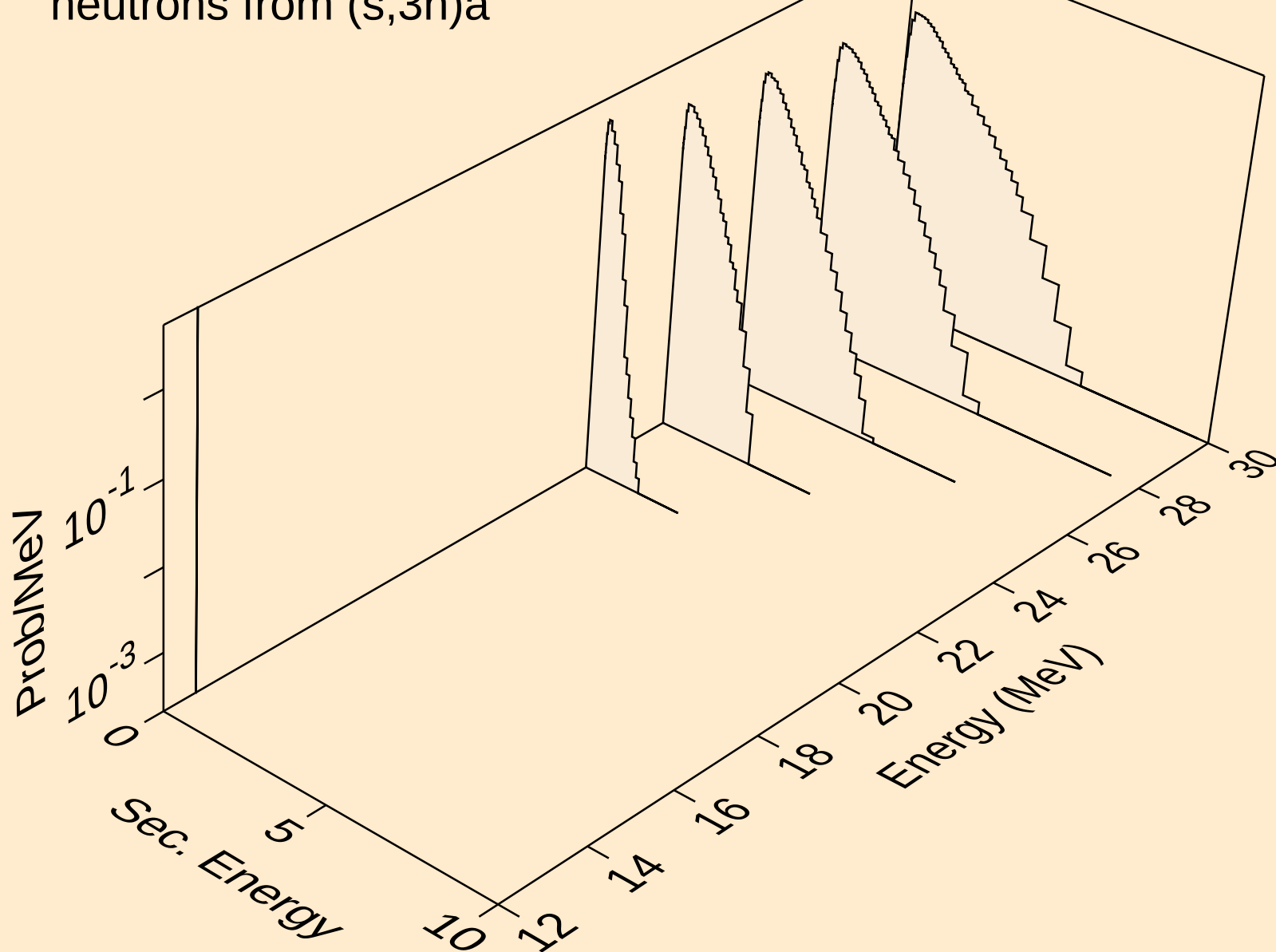
HG194 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)a



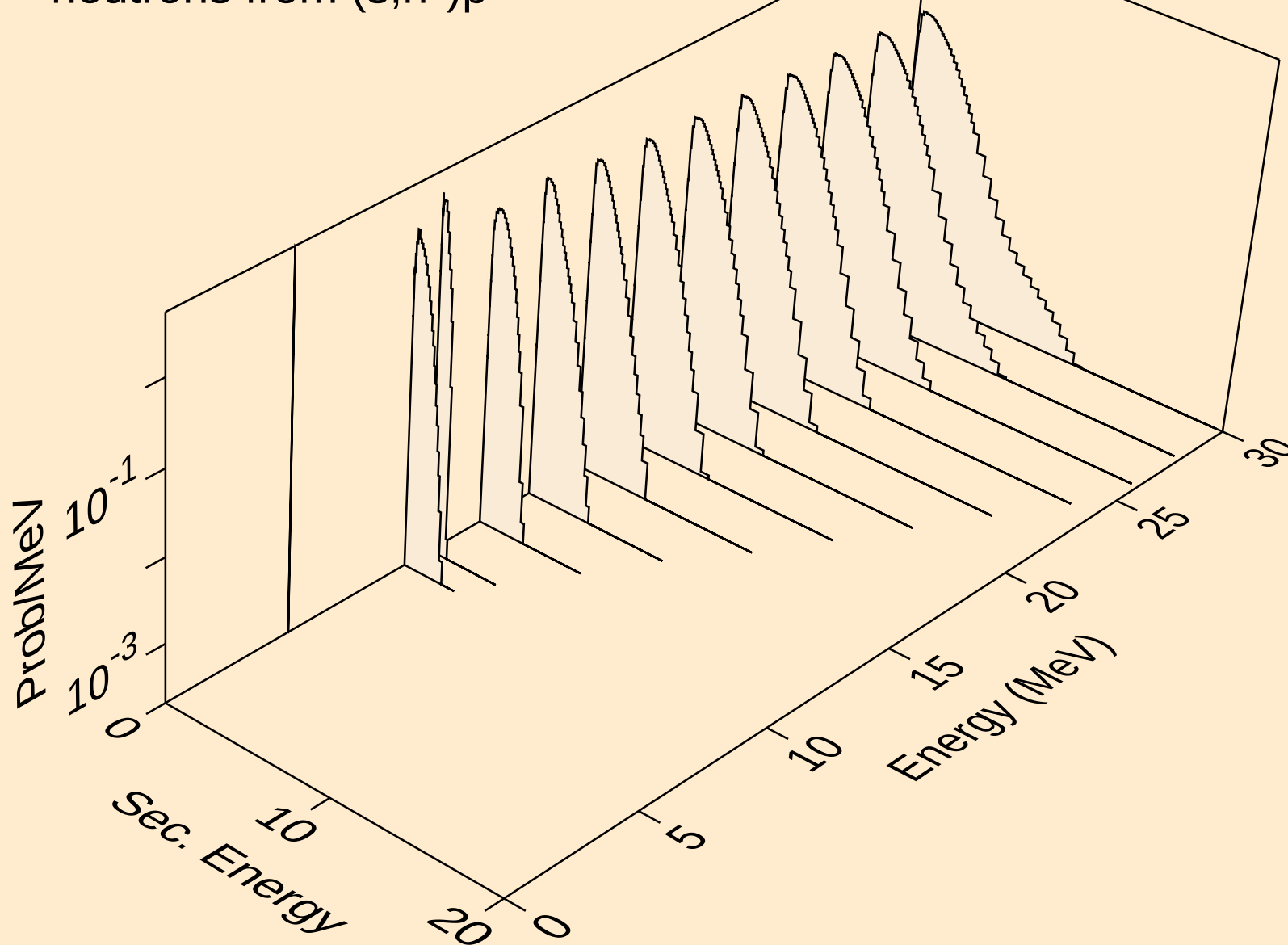
HG194 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2n)a



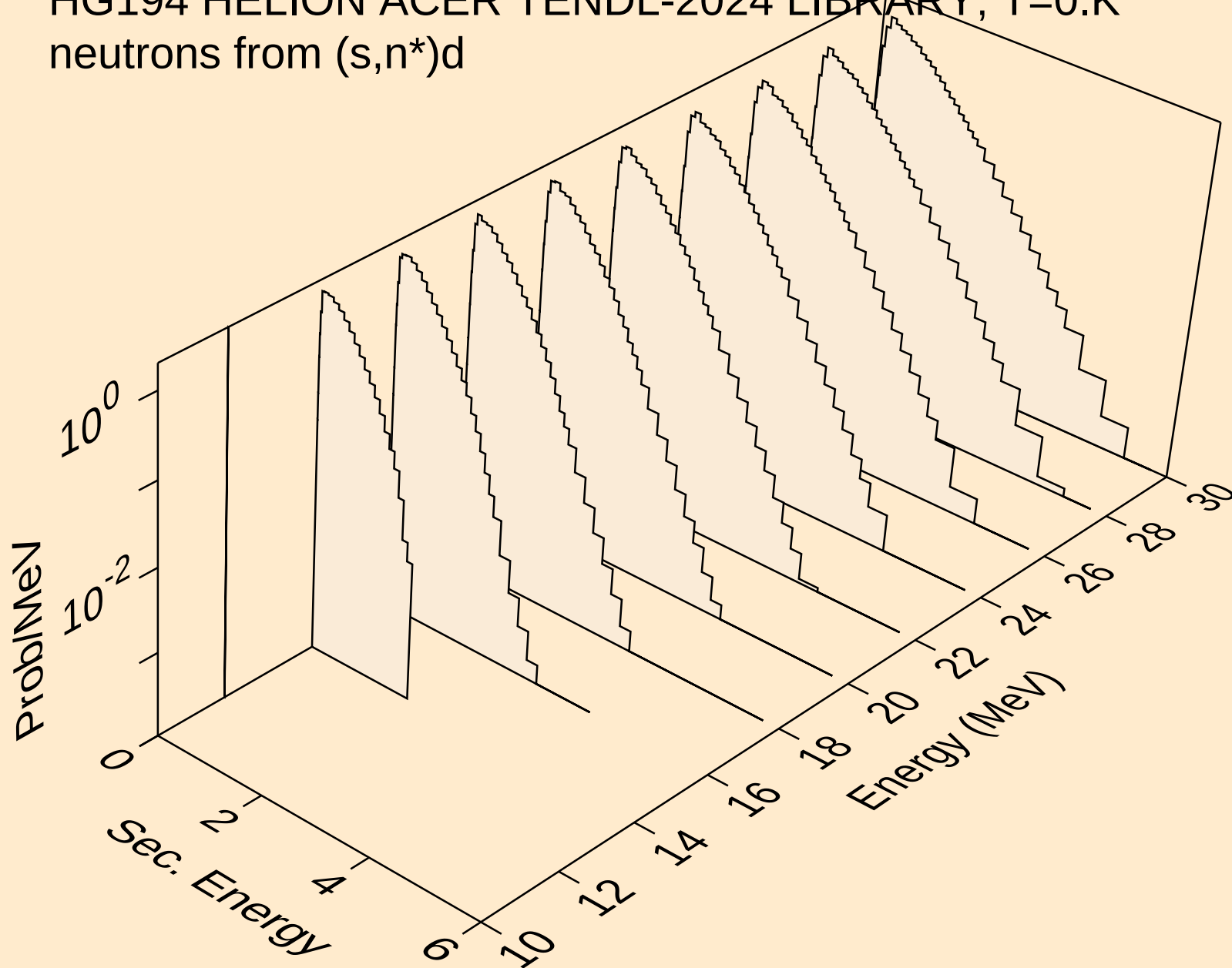
HG194 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,3n)a



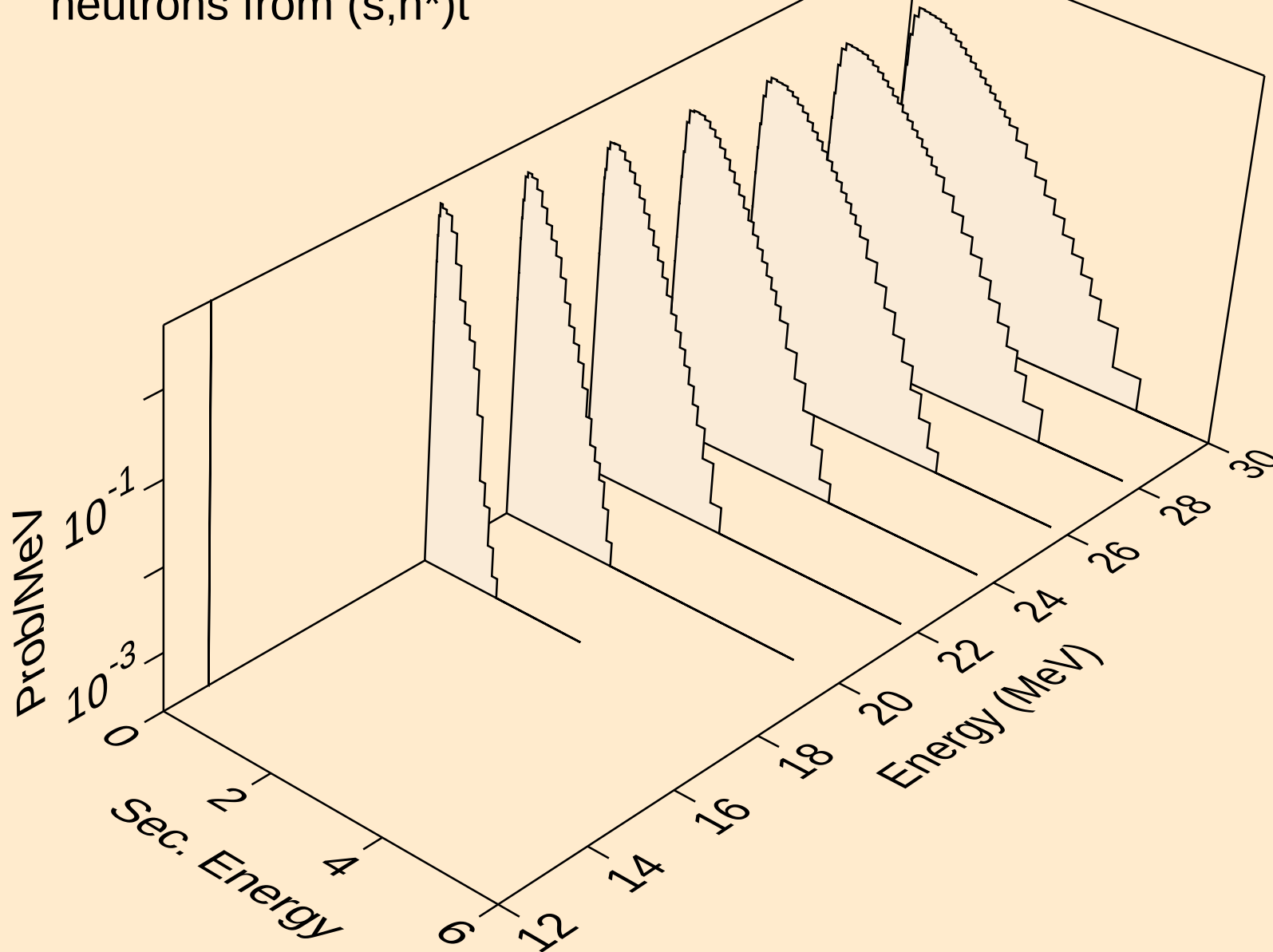
HG194 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)p



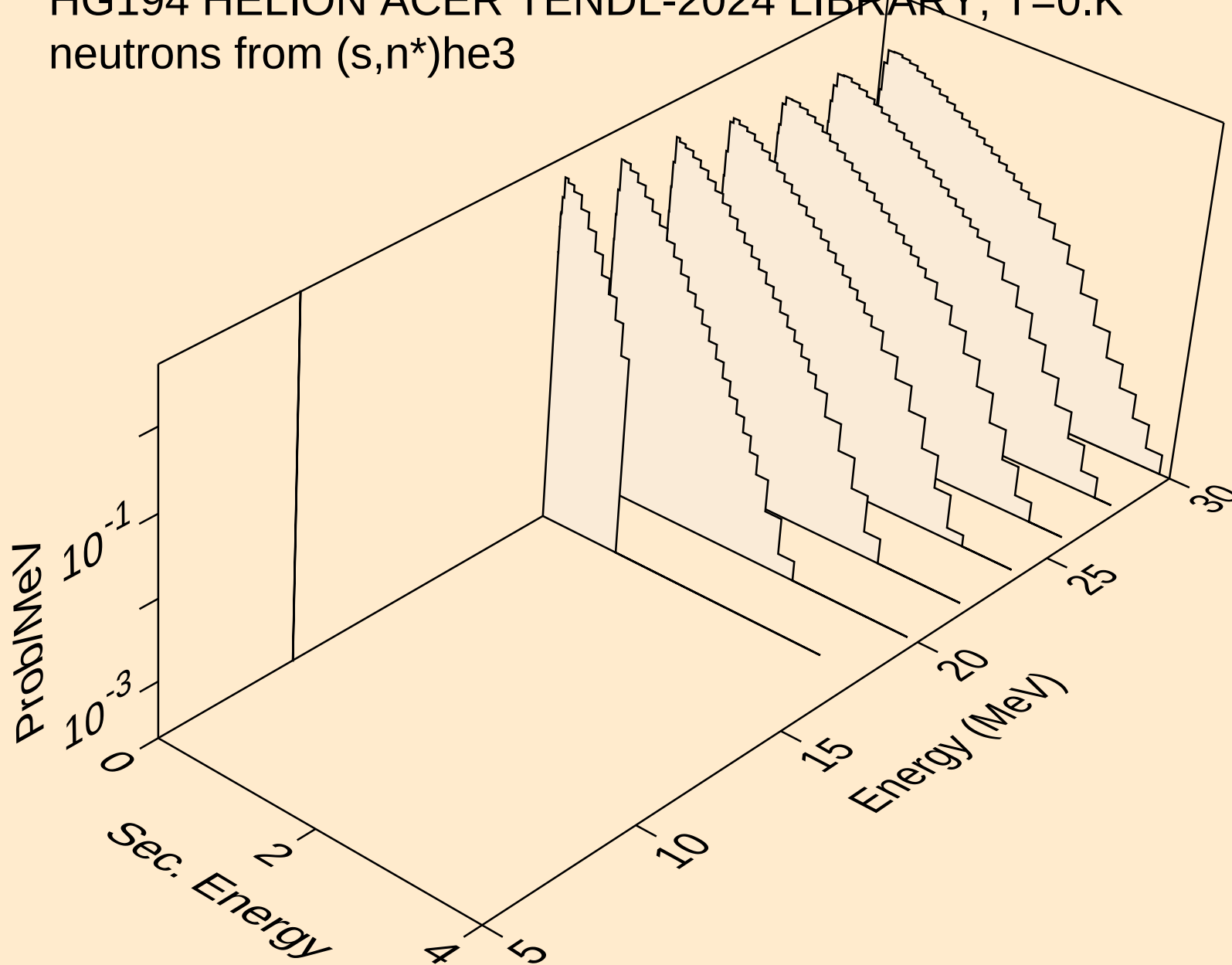
HG194 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)d



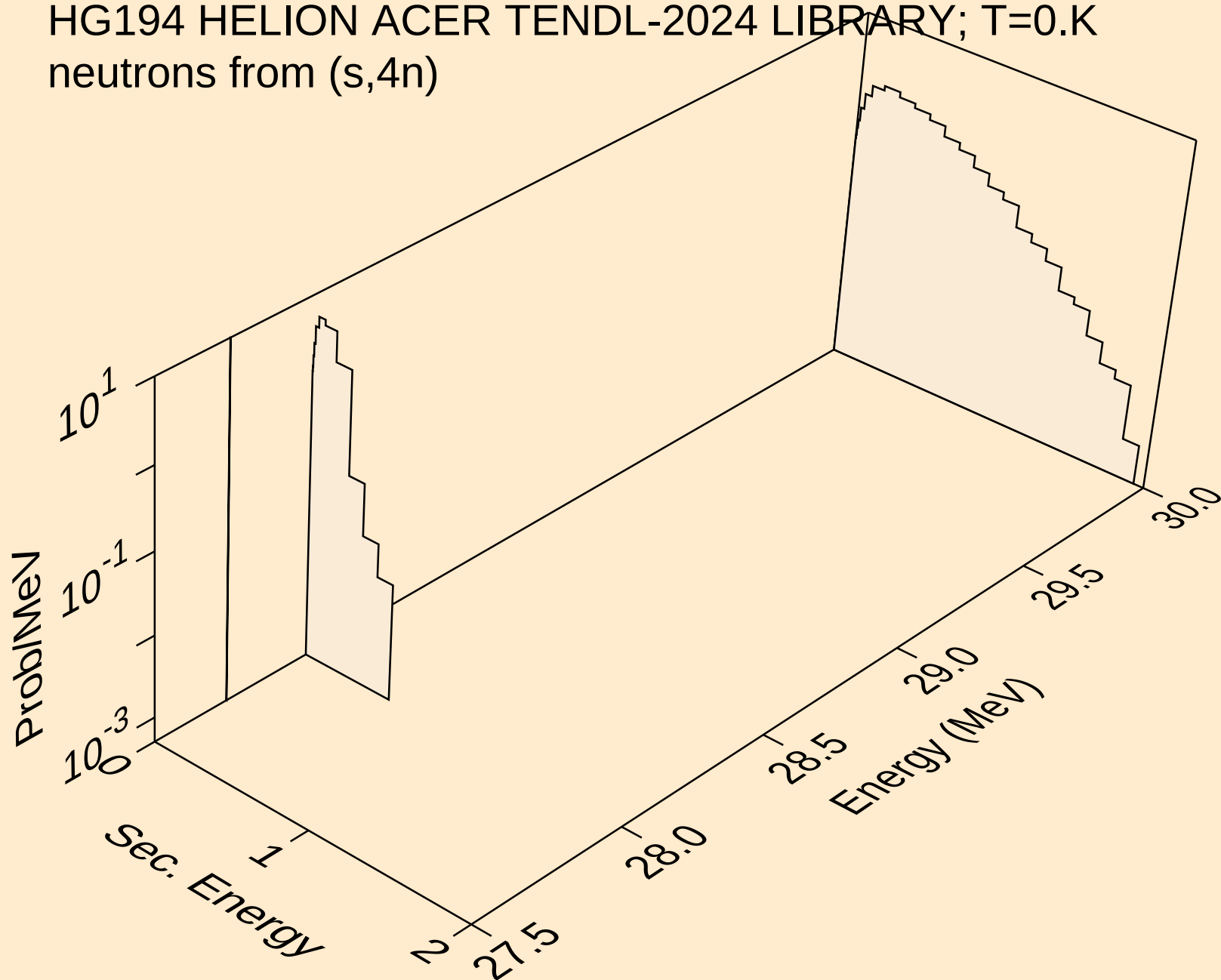
HG194 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)t



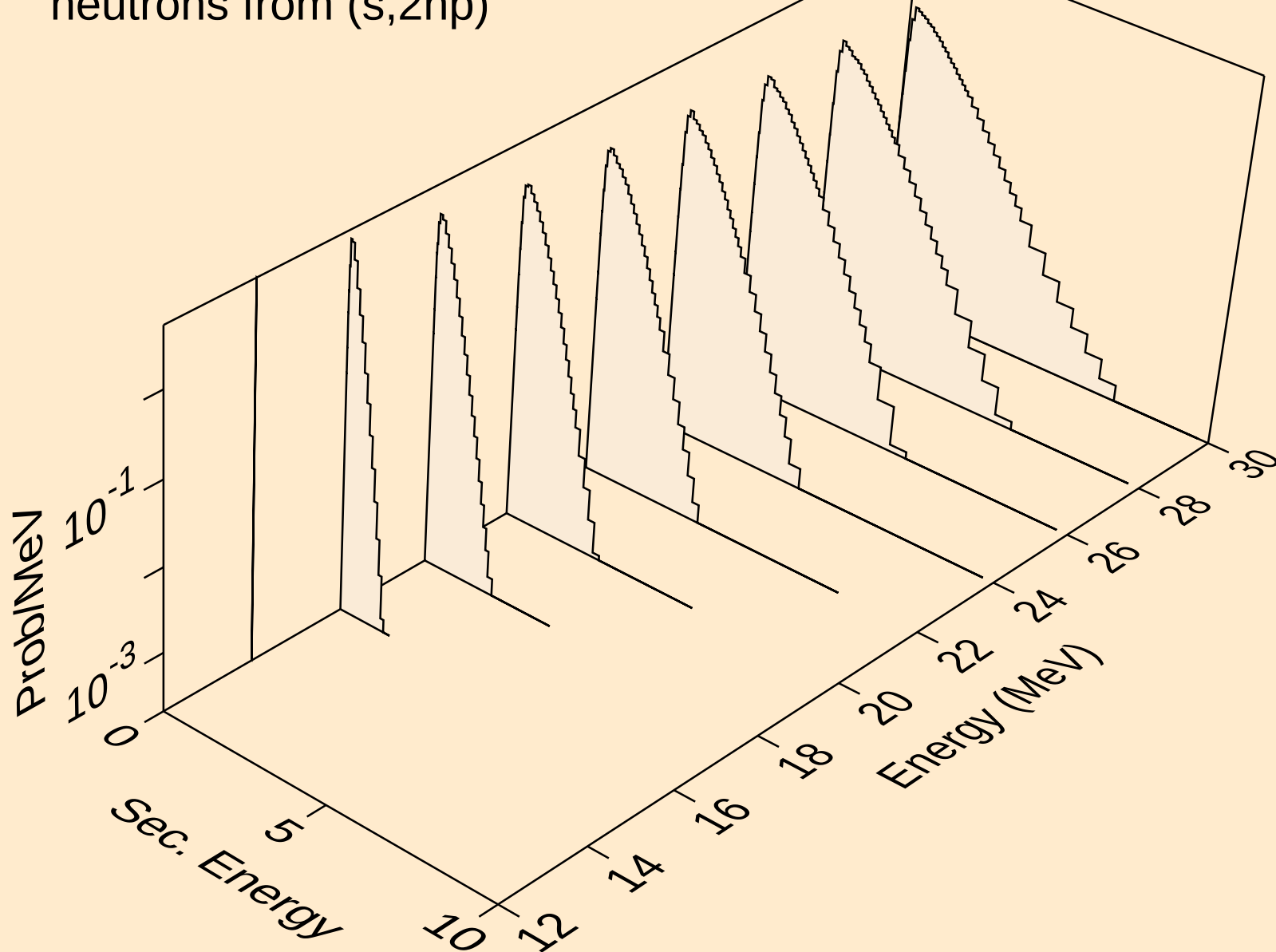
HG194 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



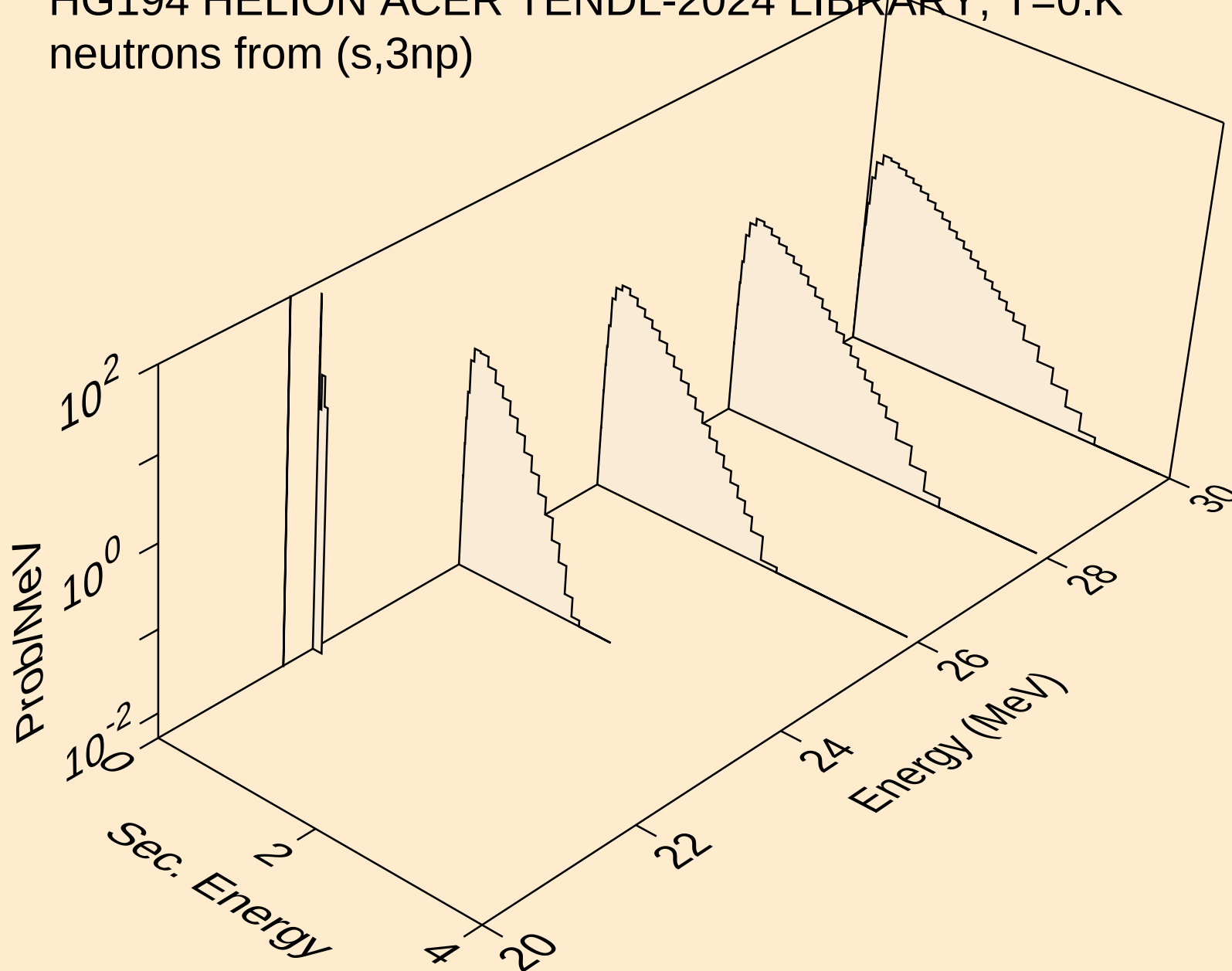
HG194 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,4n)



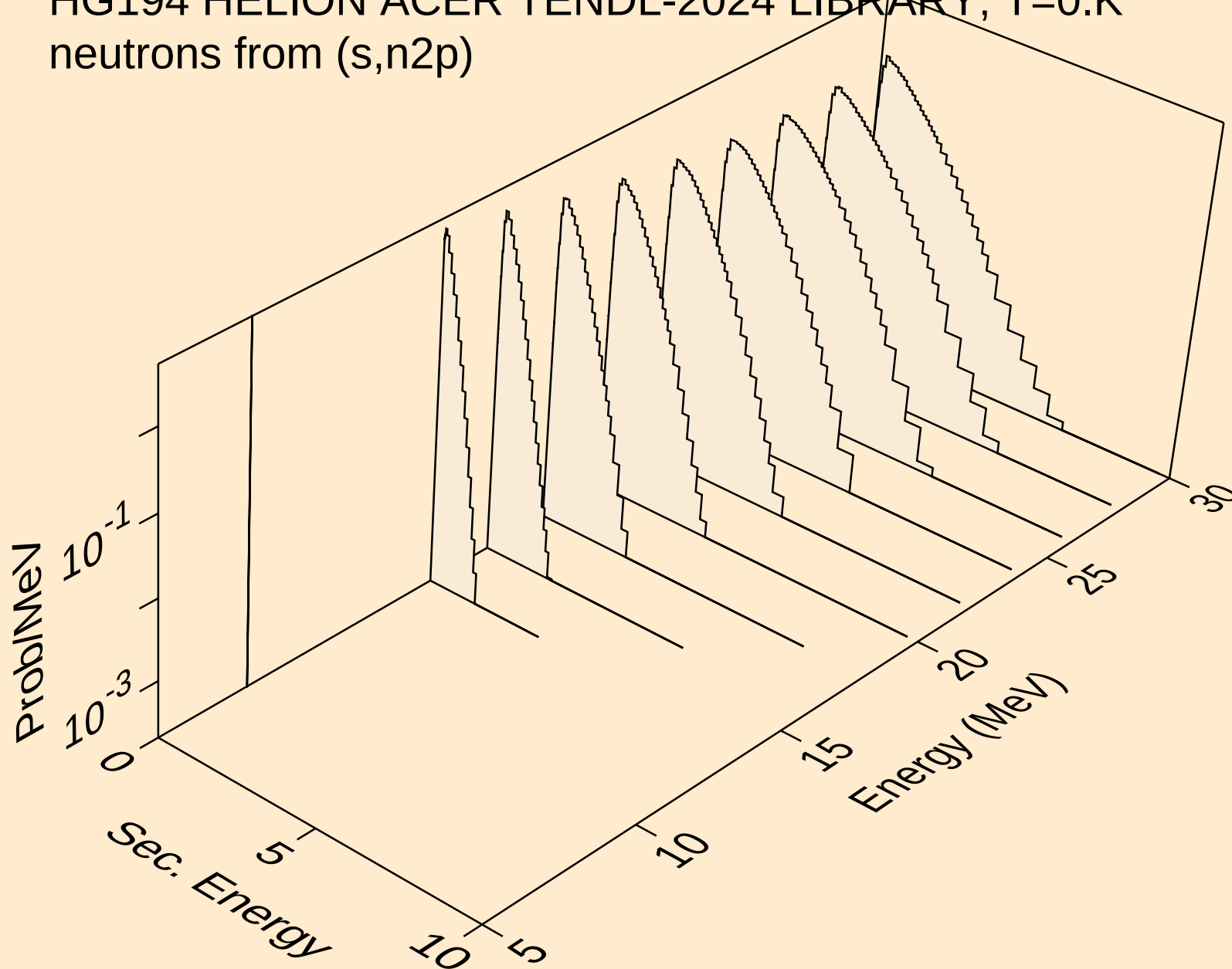
HG194 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2np)



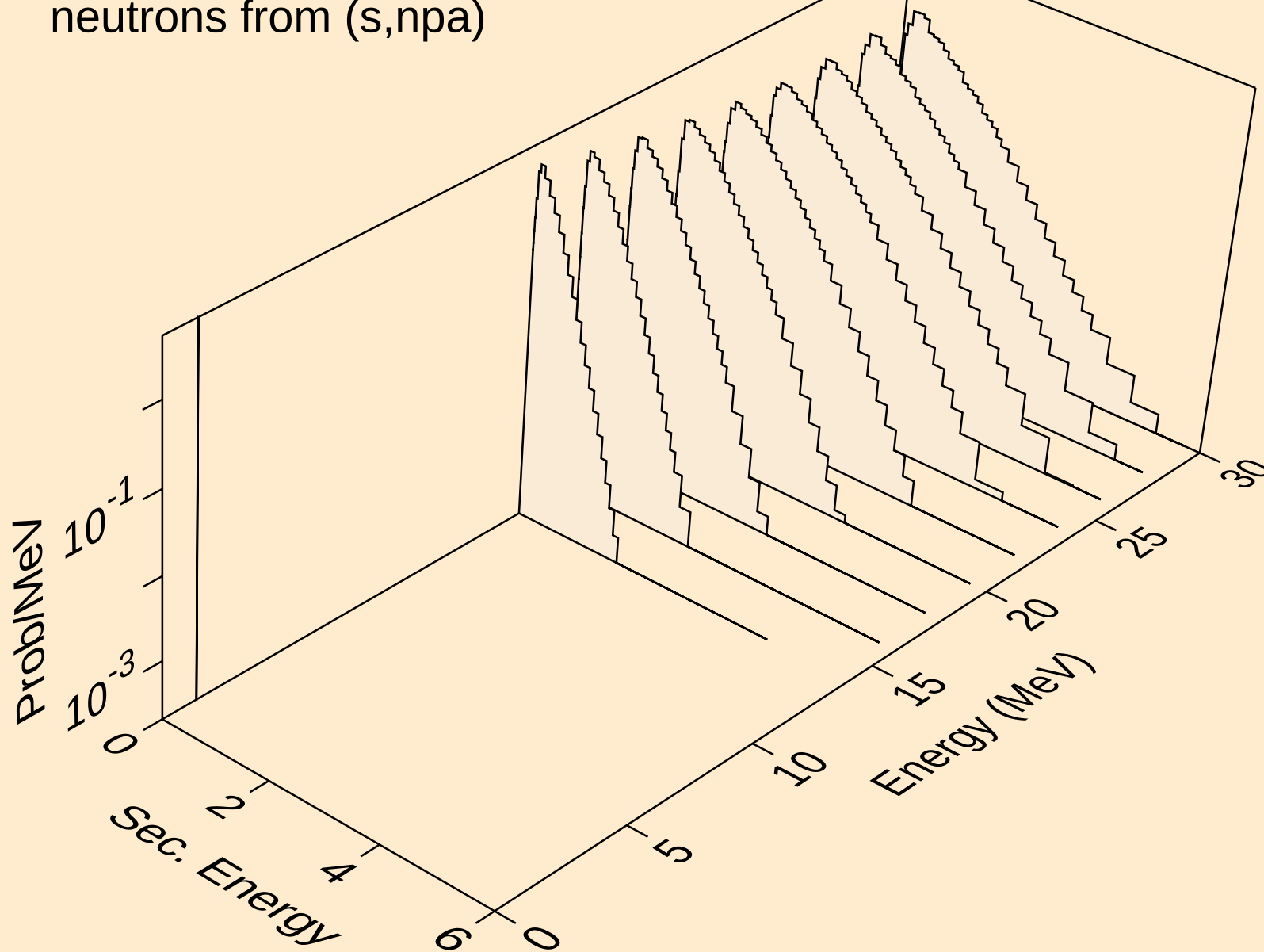
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neutrons from (s,3np)



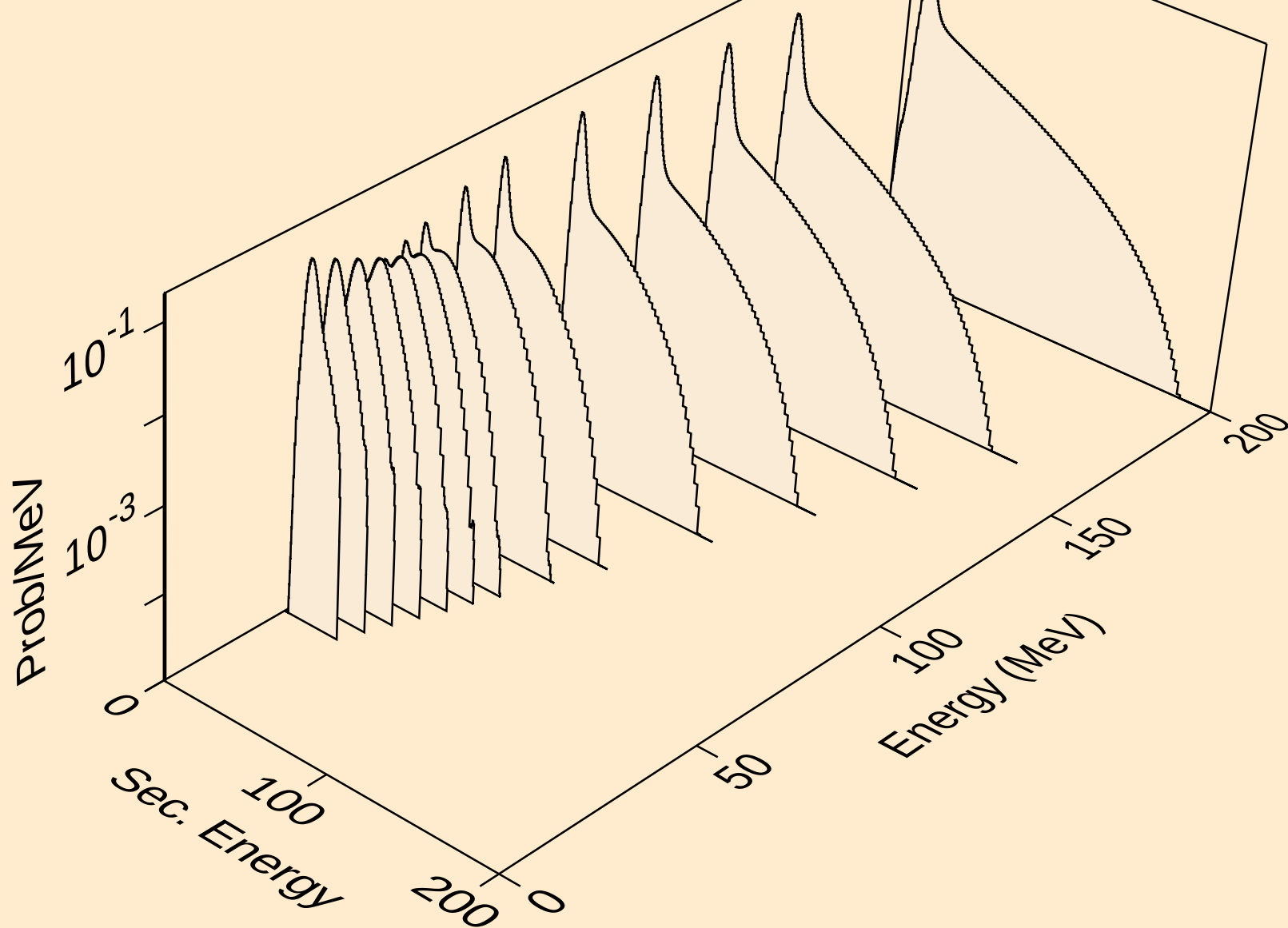
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neutrons from (s,n2p)



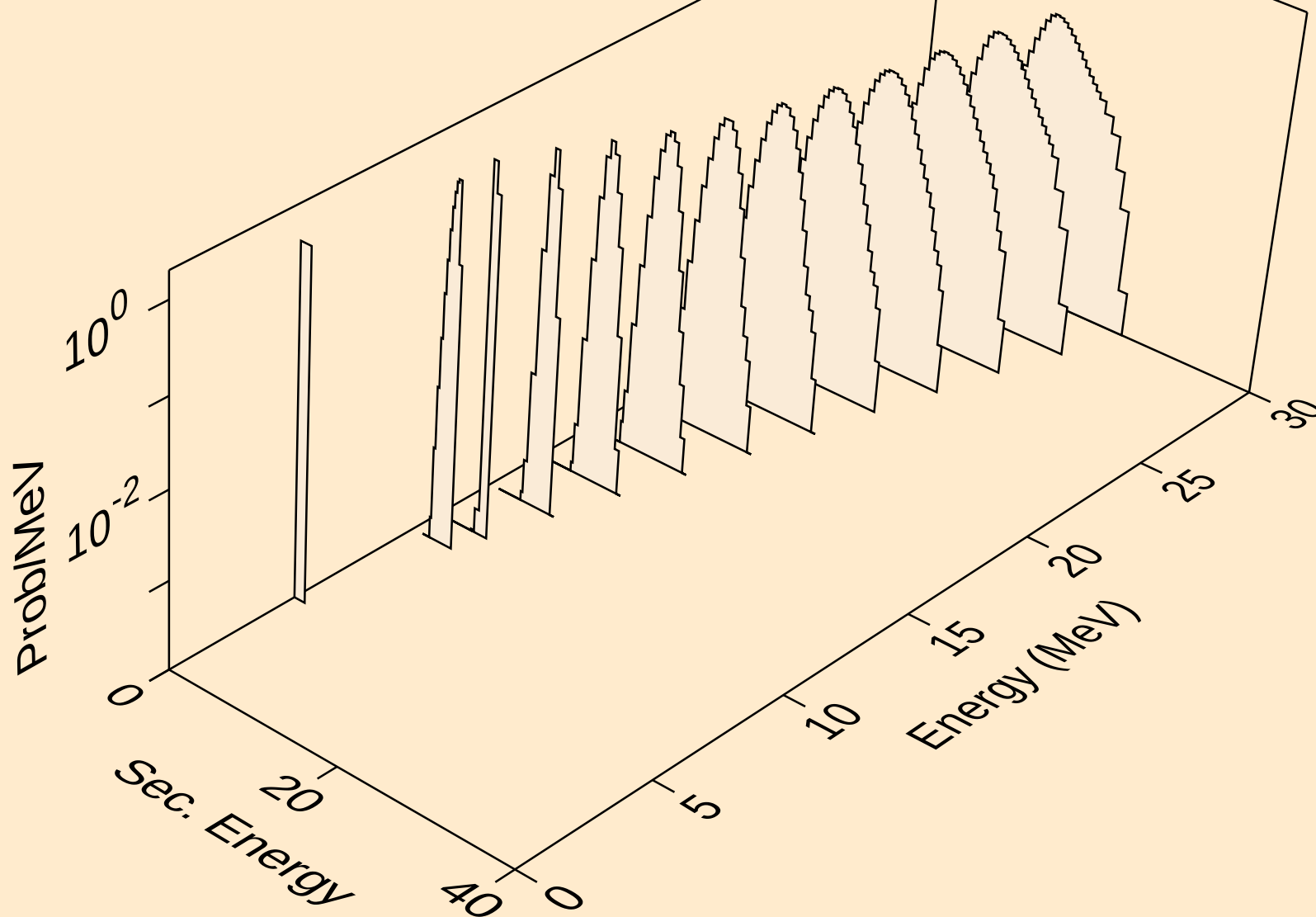
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neutrons from (s,npa)



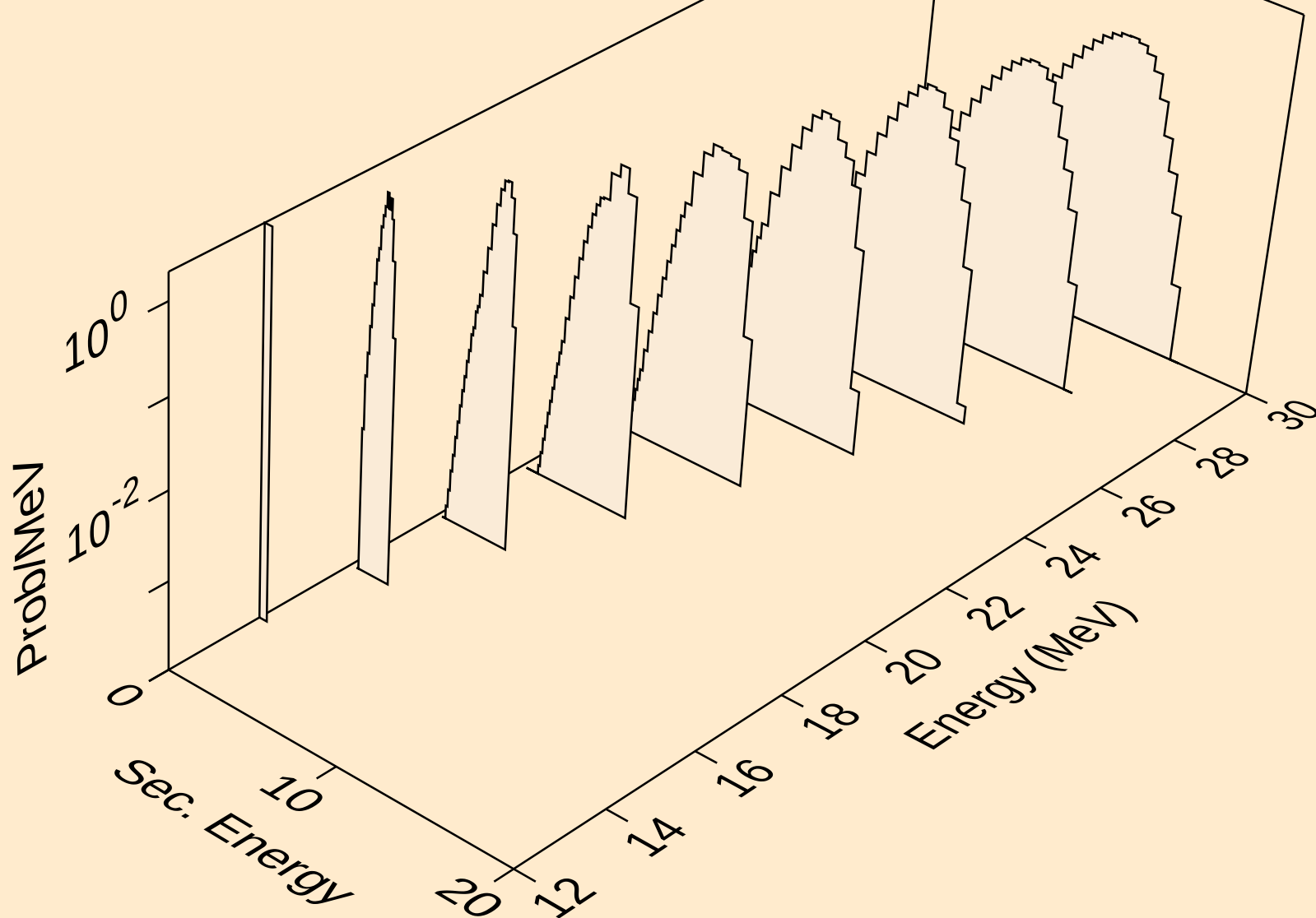
HG194 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,x)



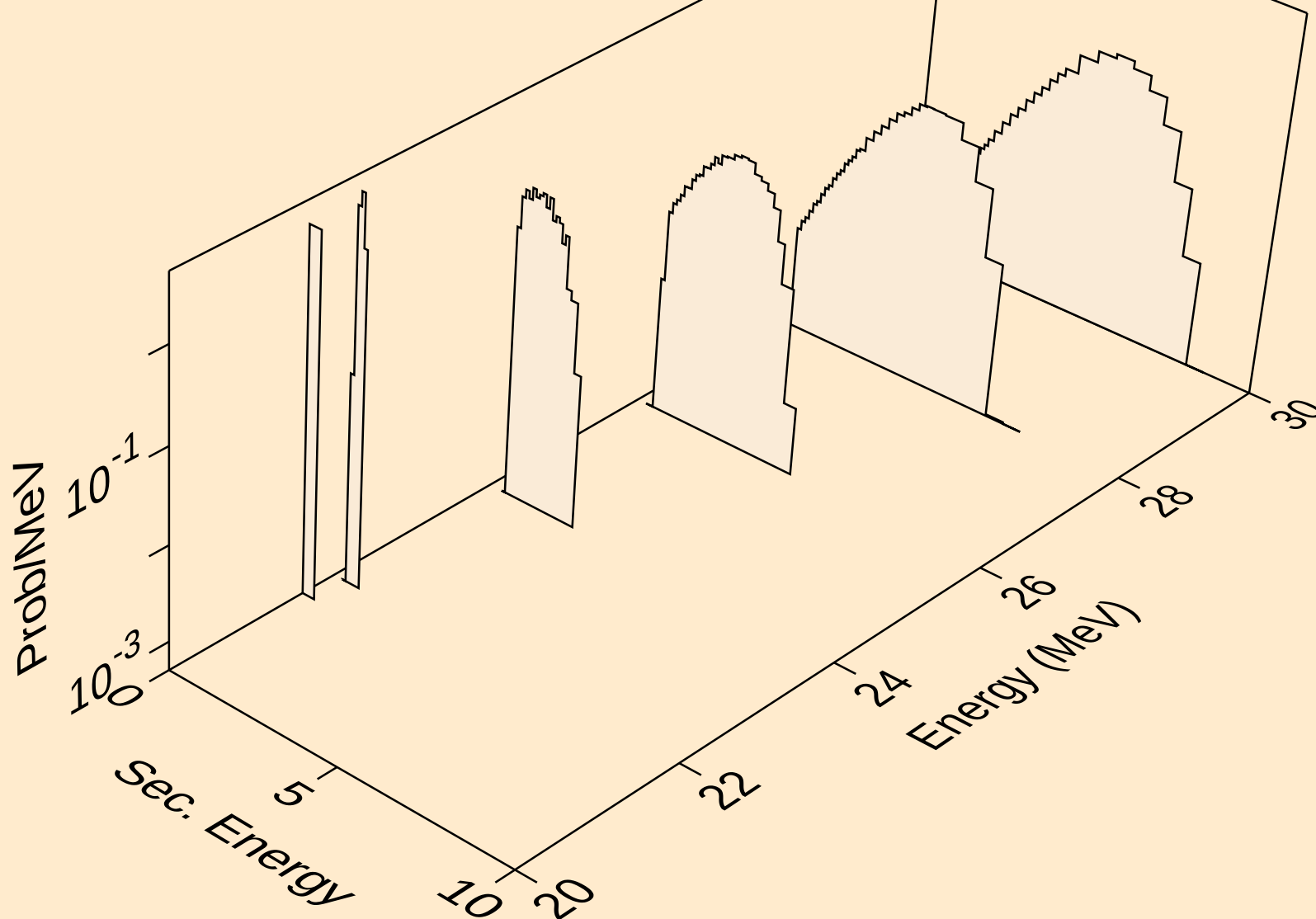
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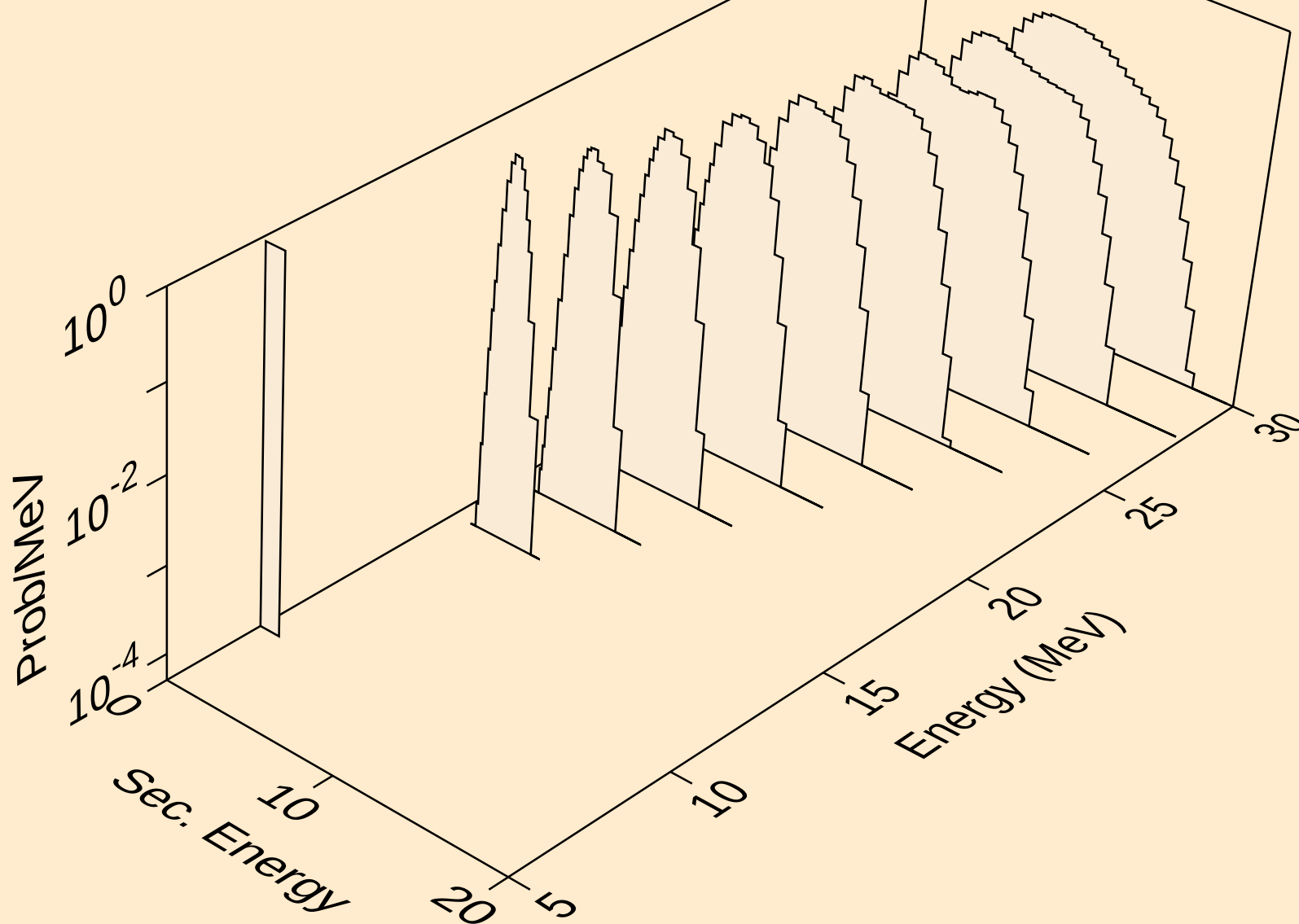
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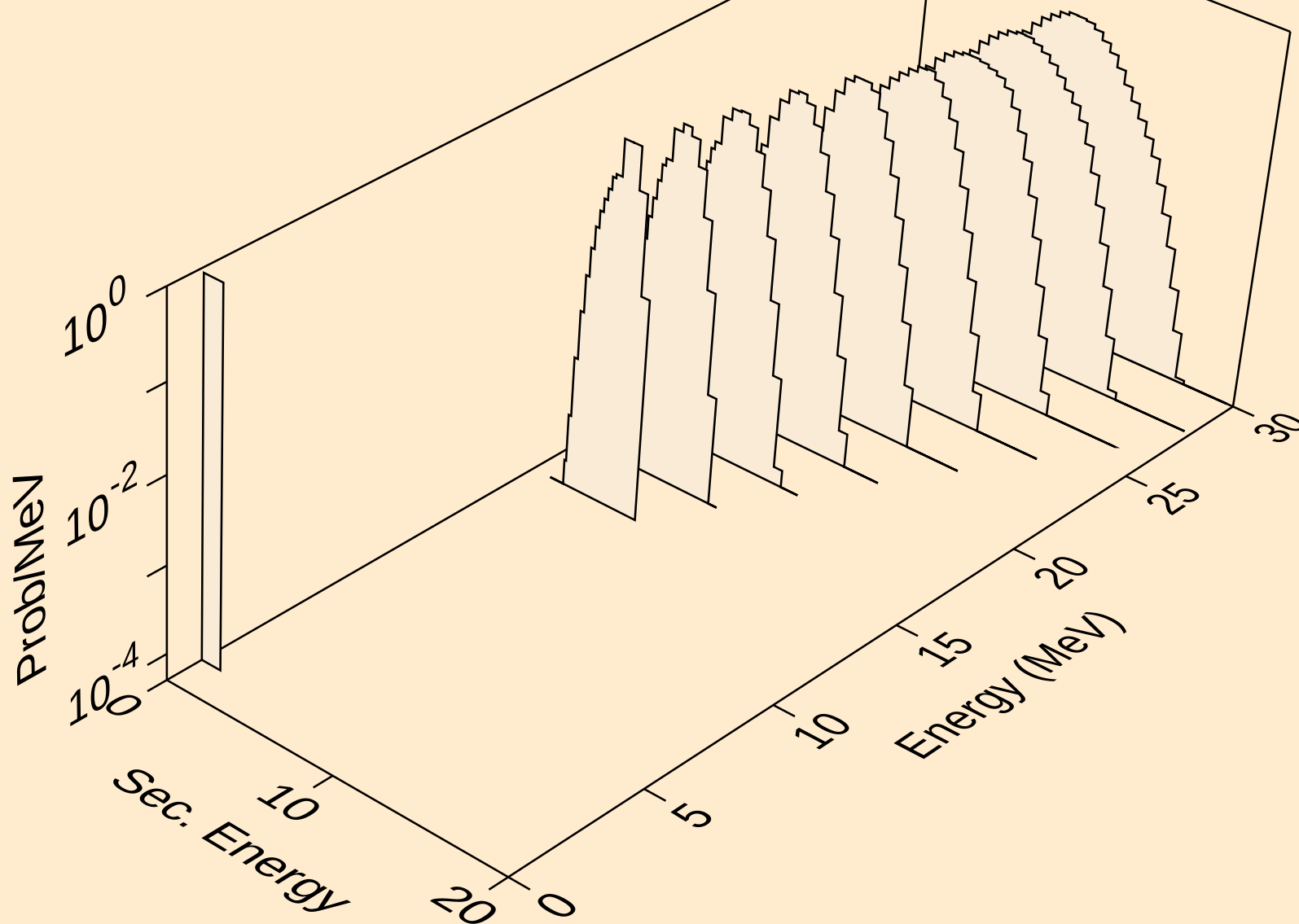
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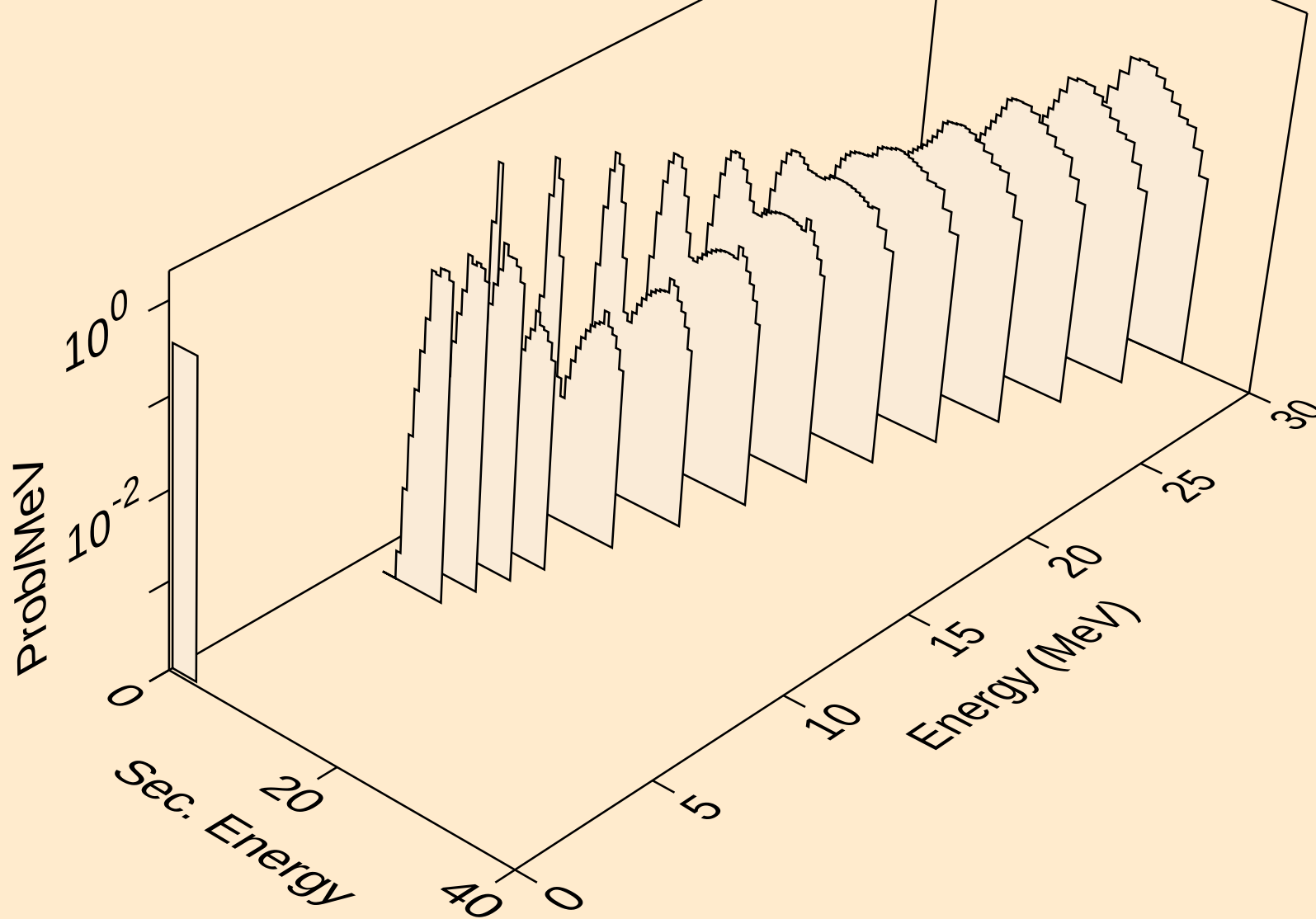
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protons from (s,n2p)



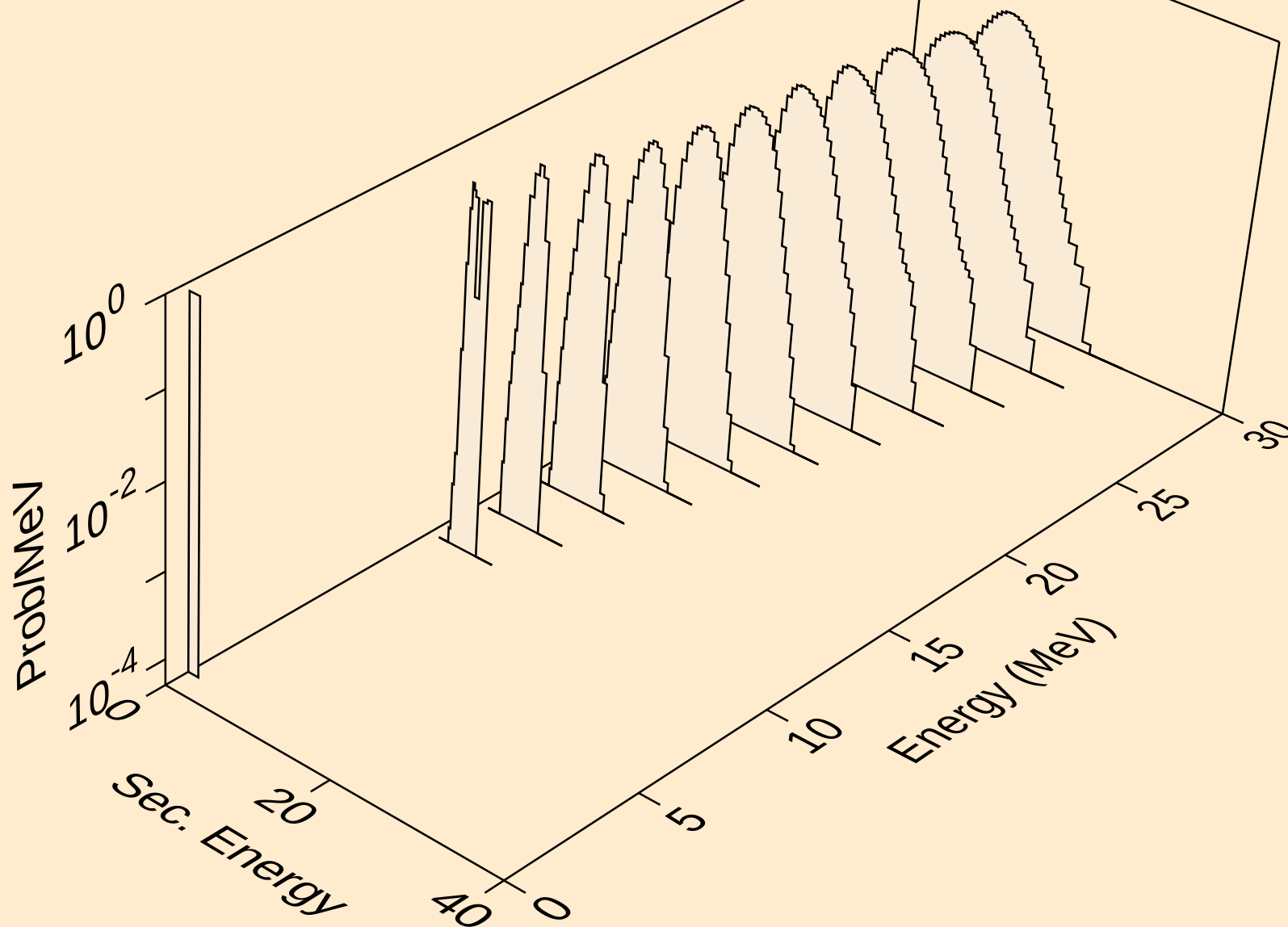
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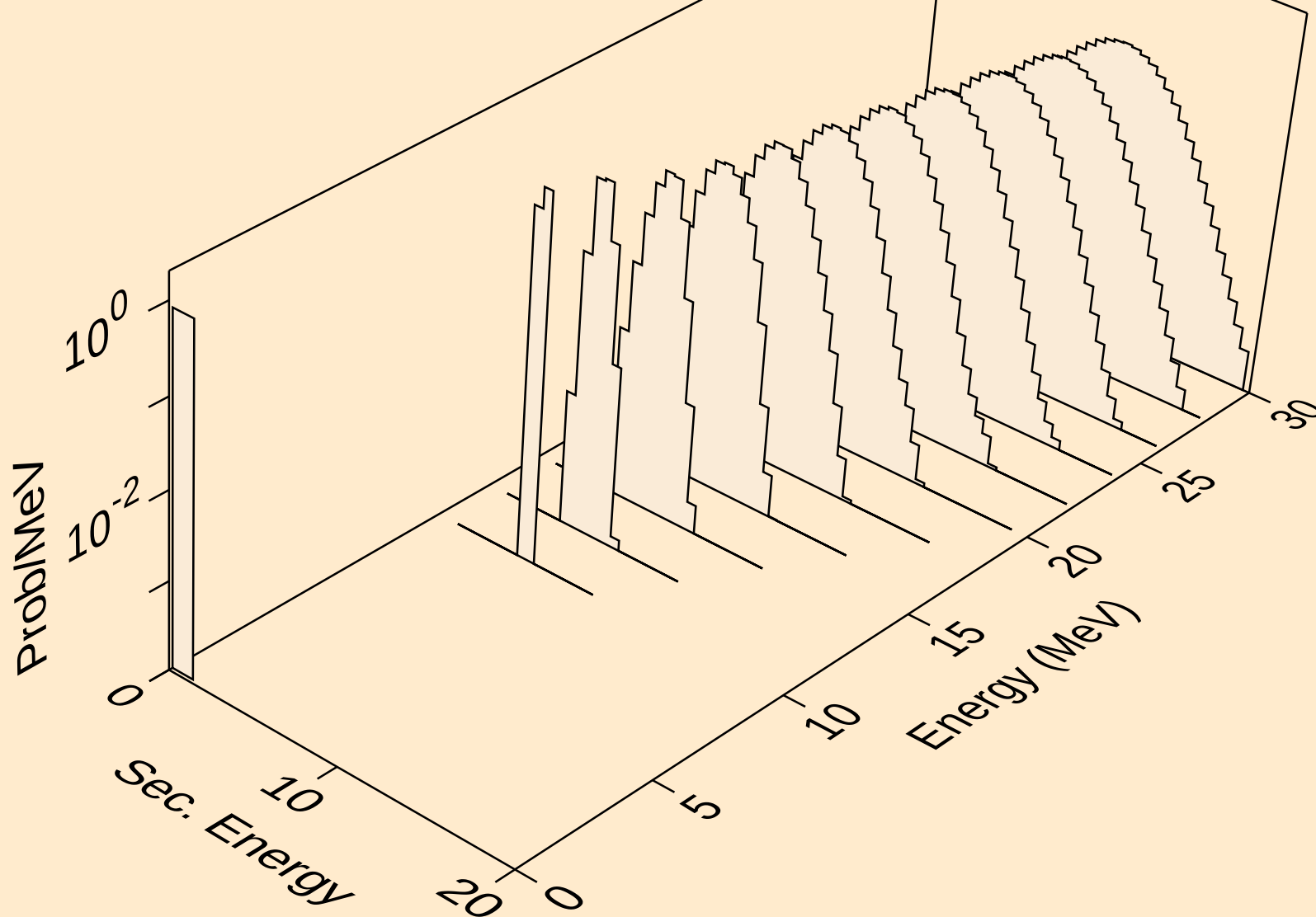
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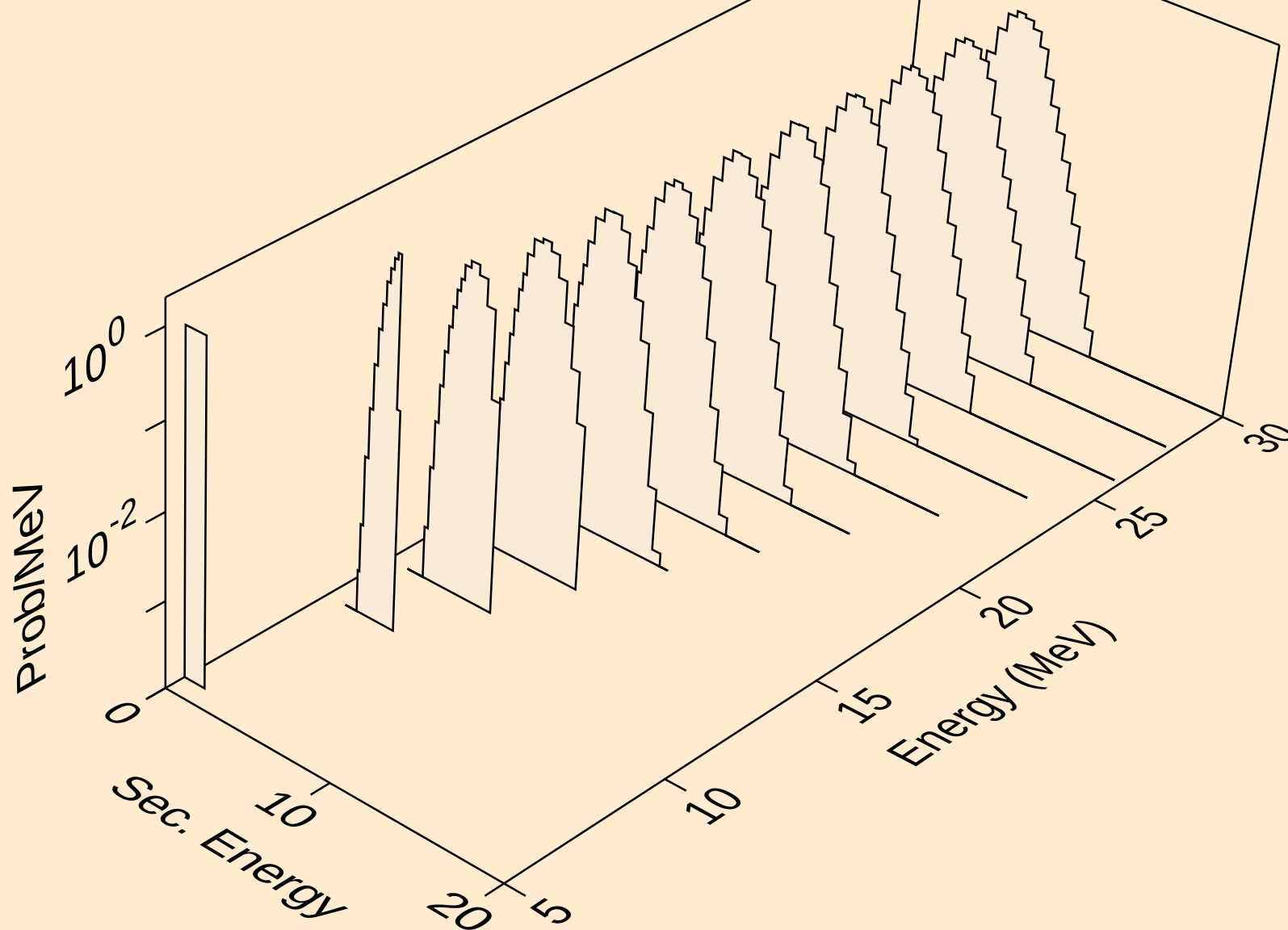
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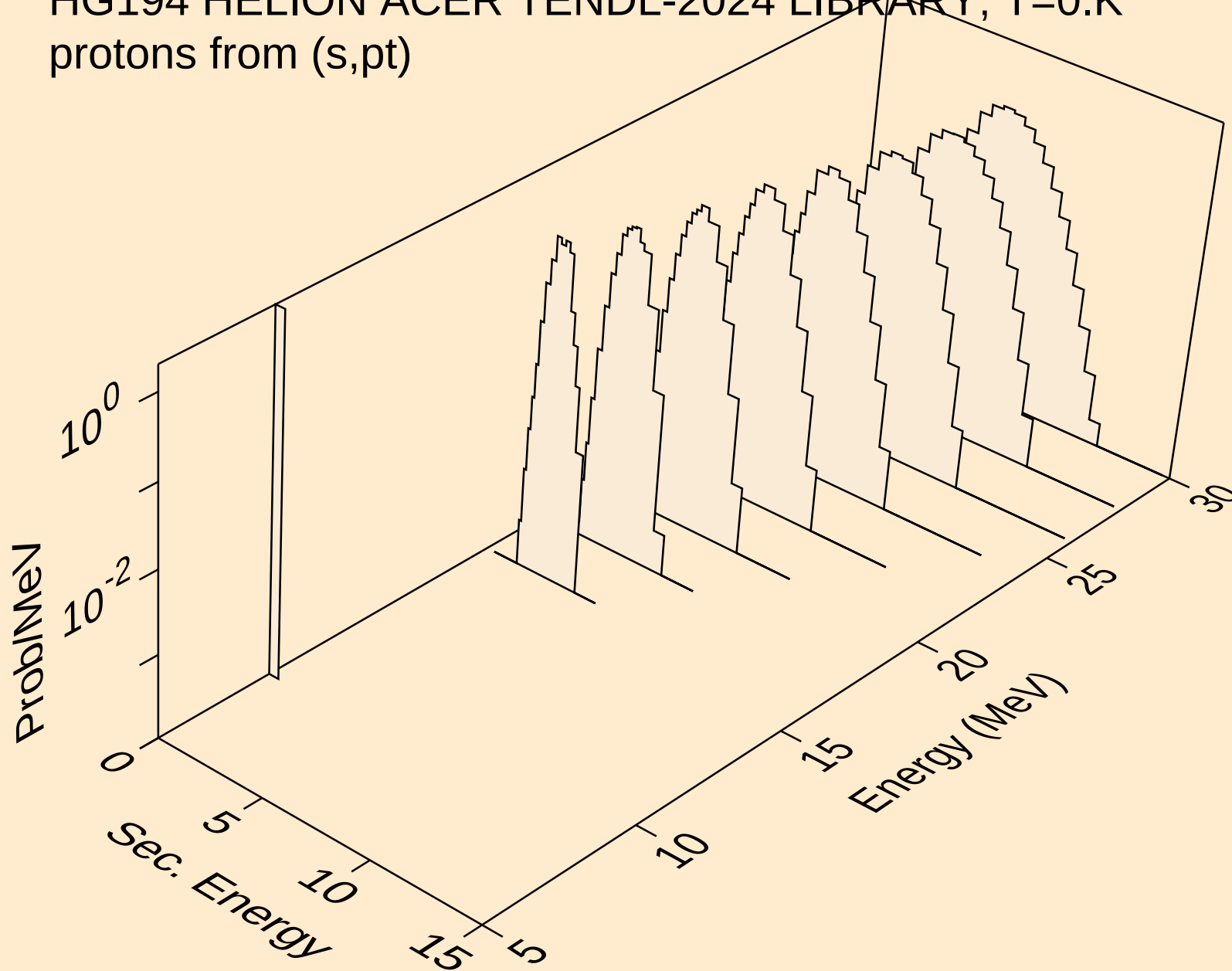
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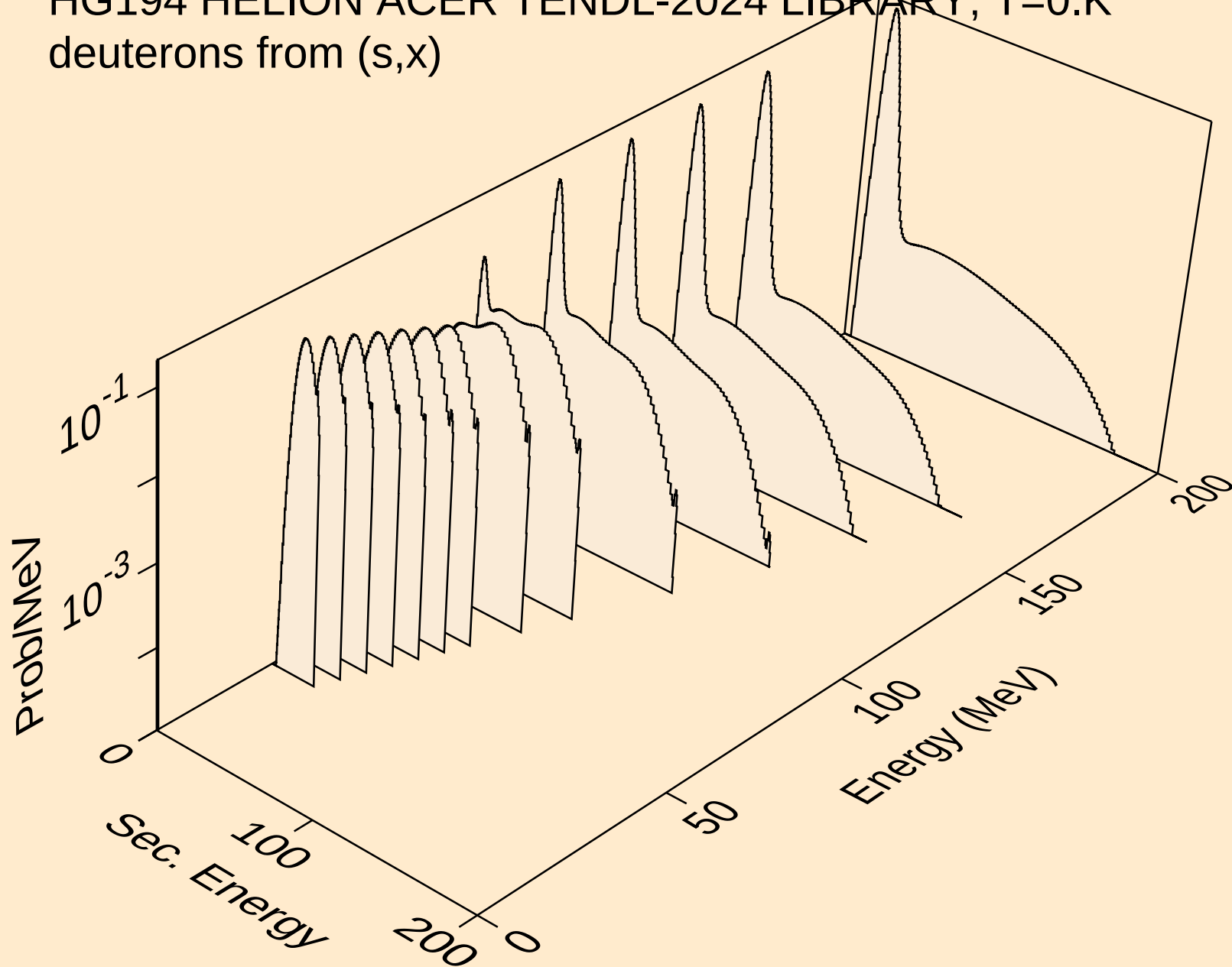
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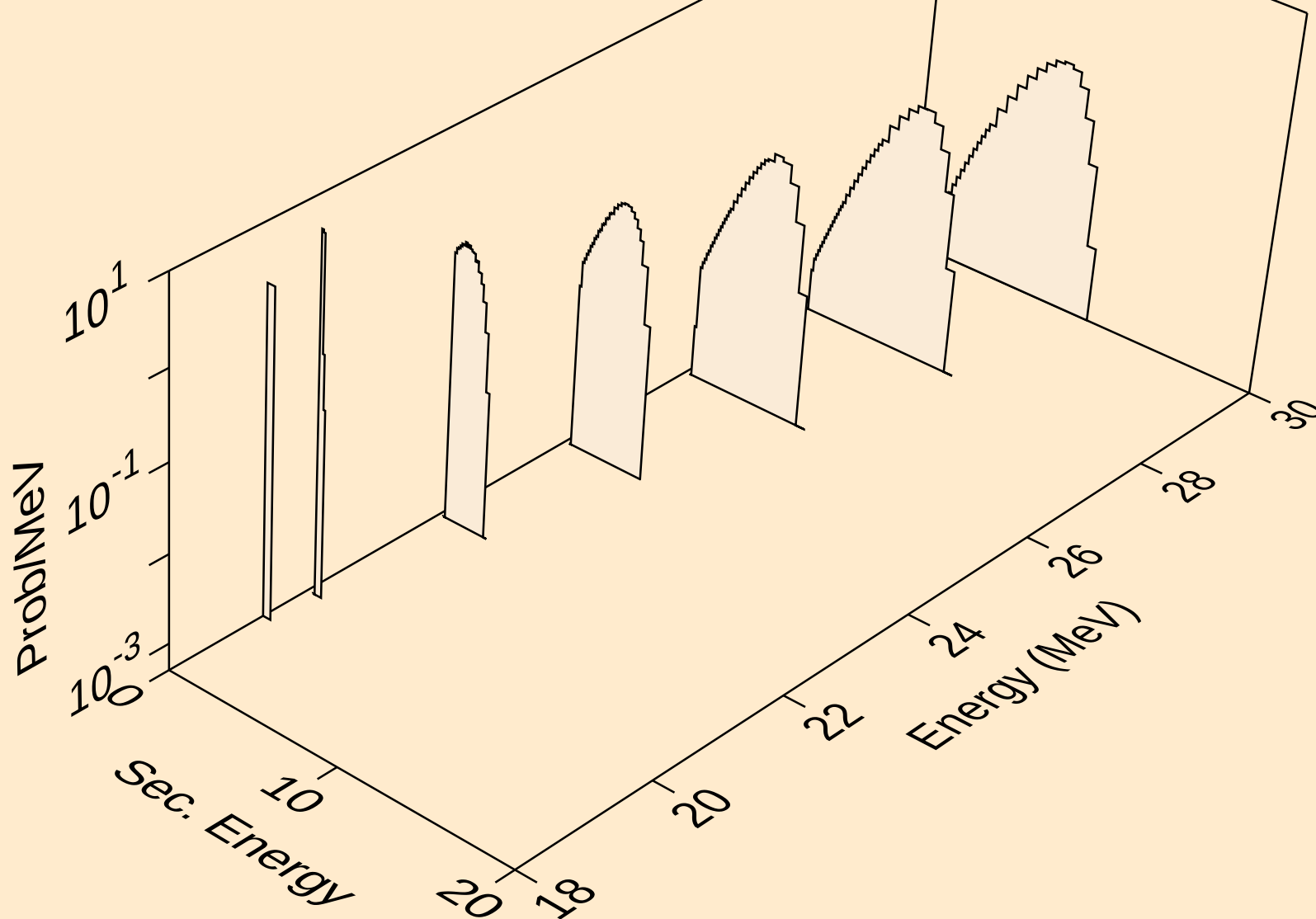
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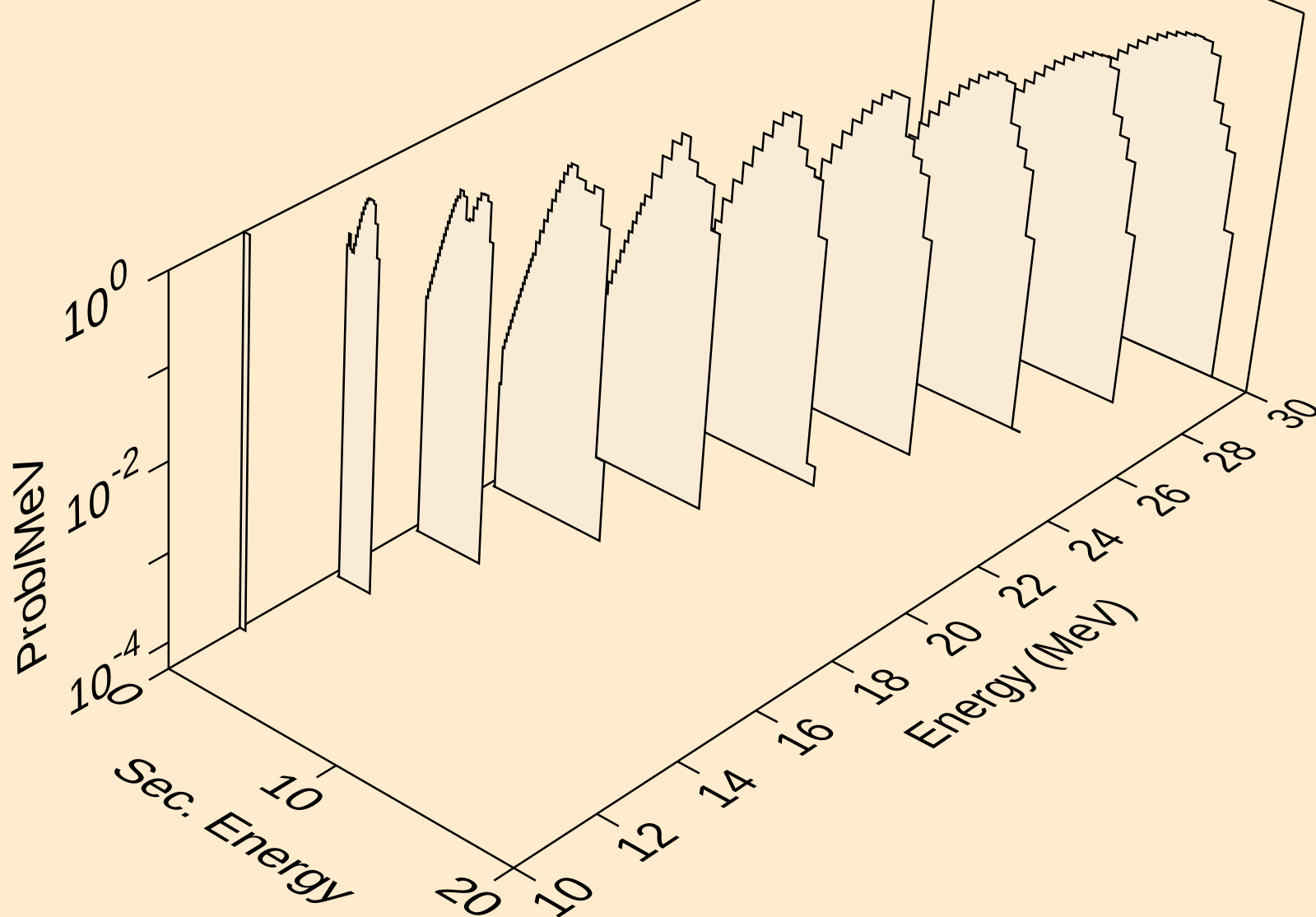
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deuterons from (s,x)



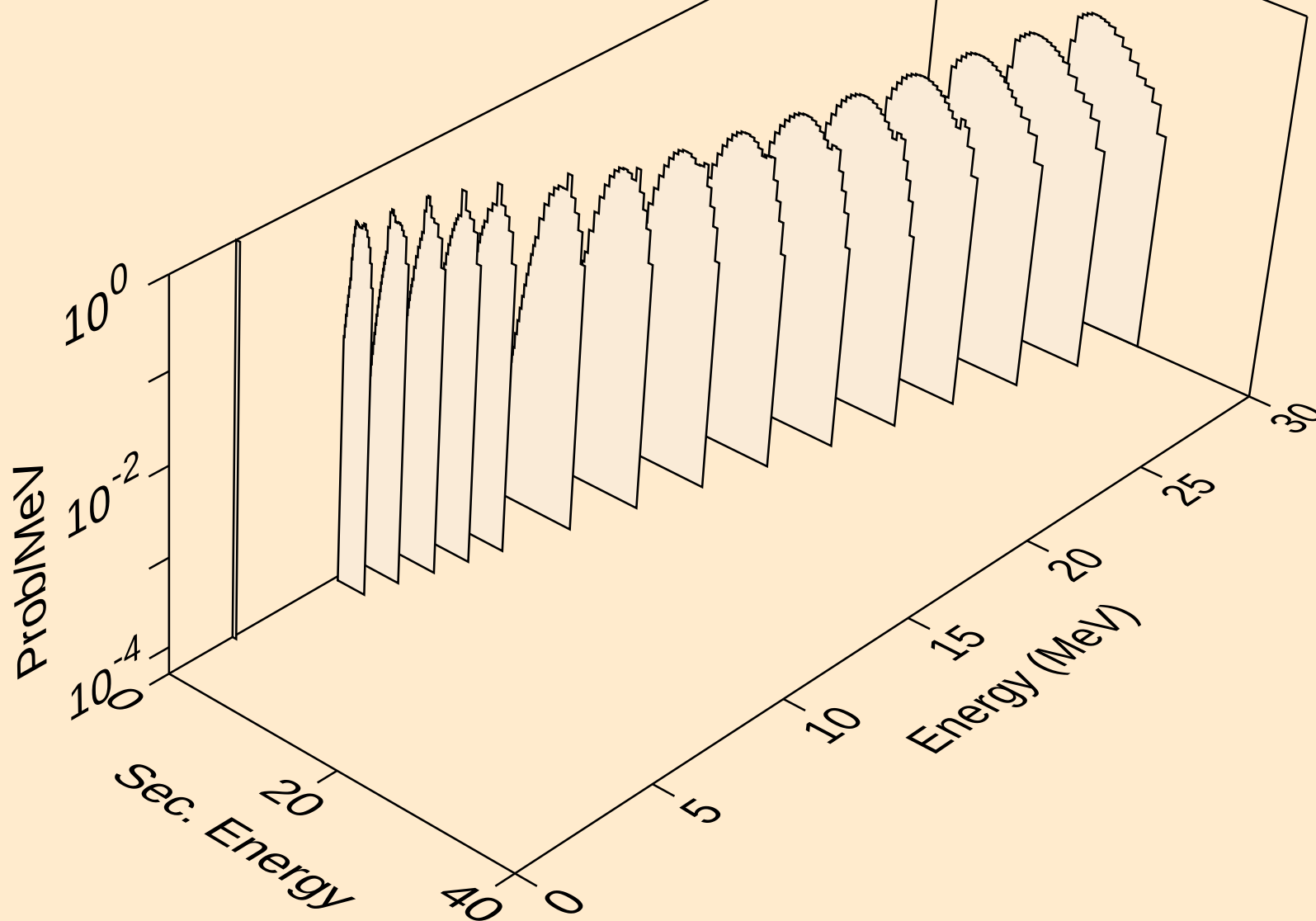
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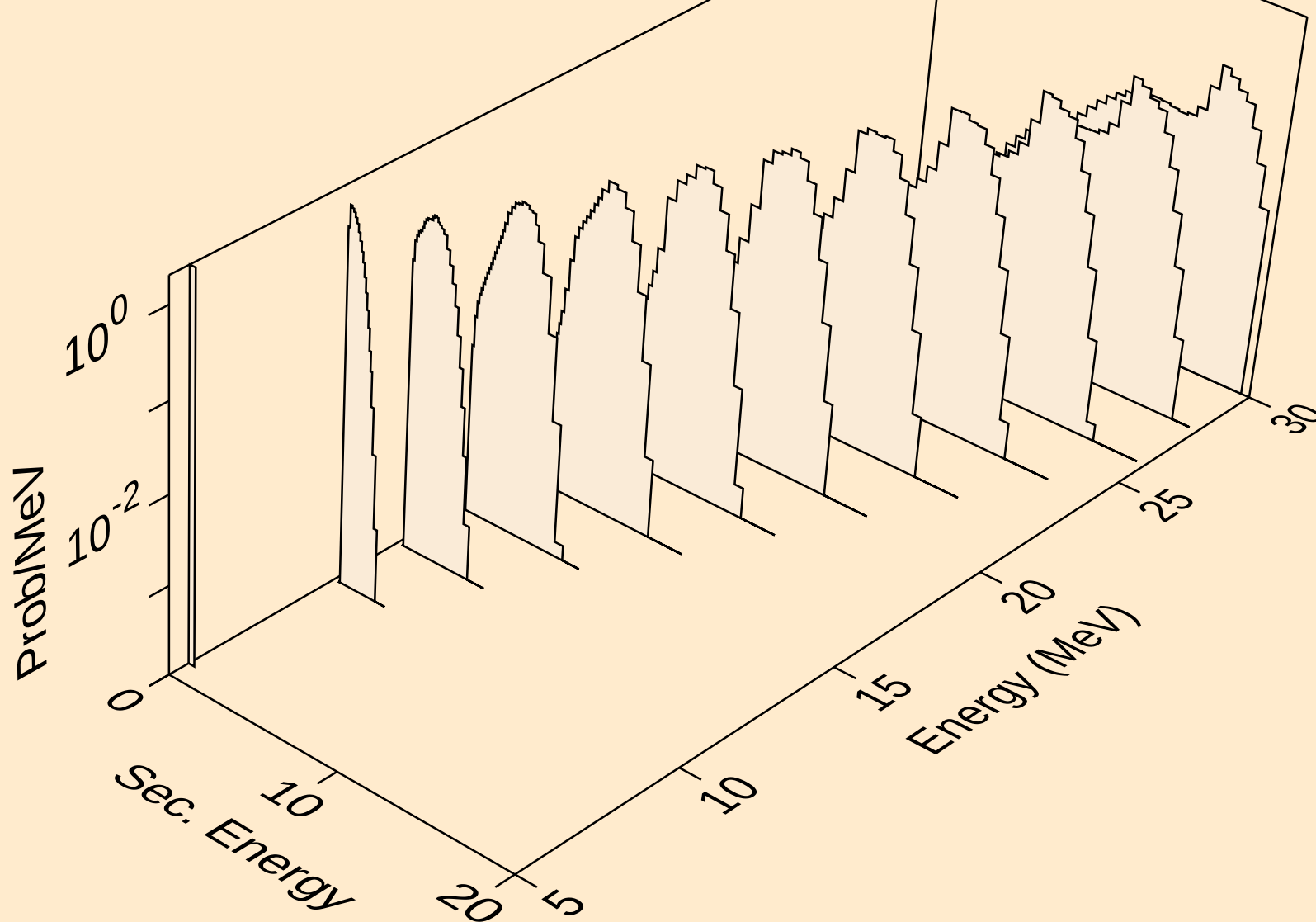
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deuterons from (s,n\*)d



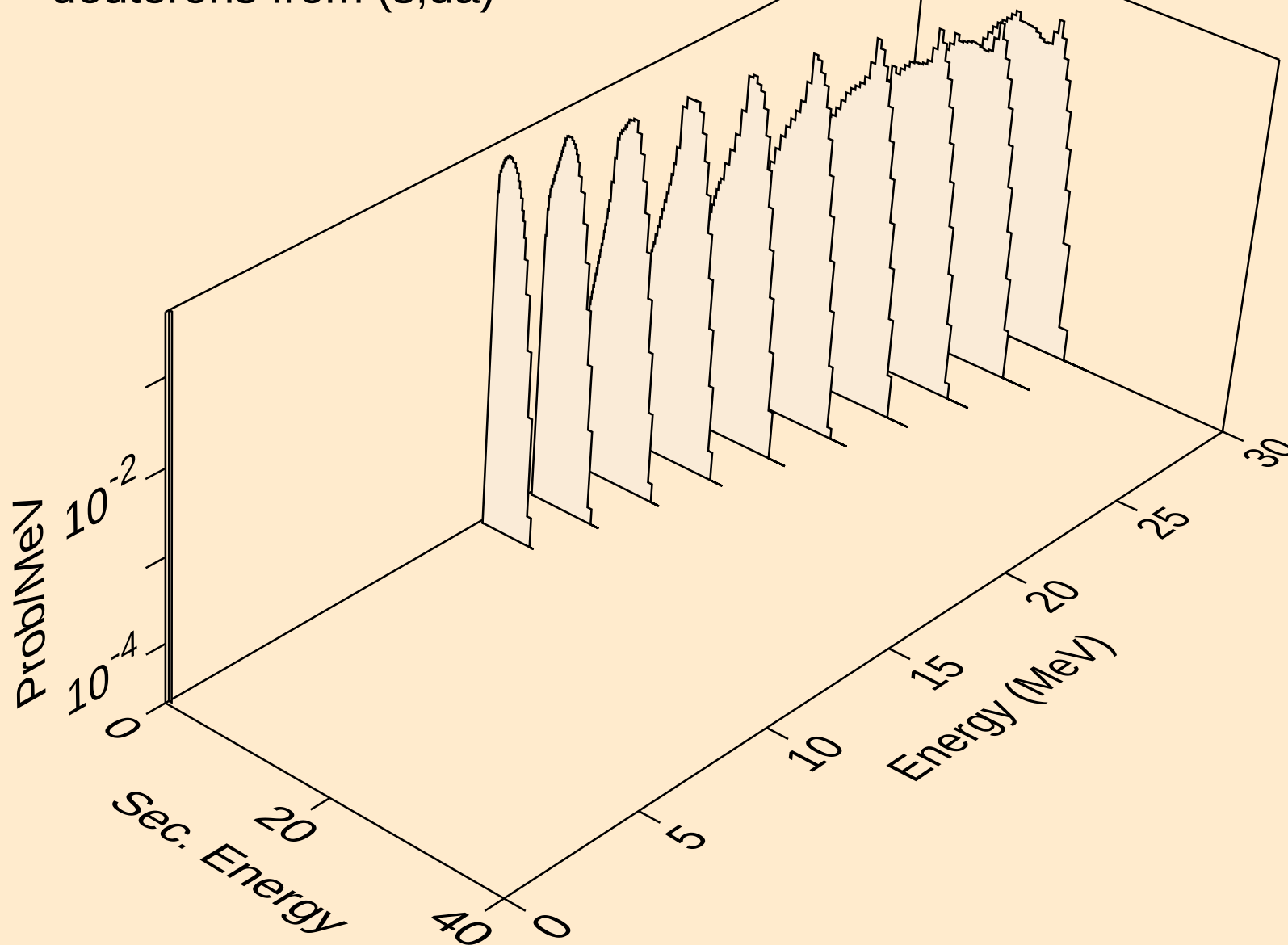
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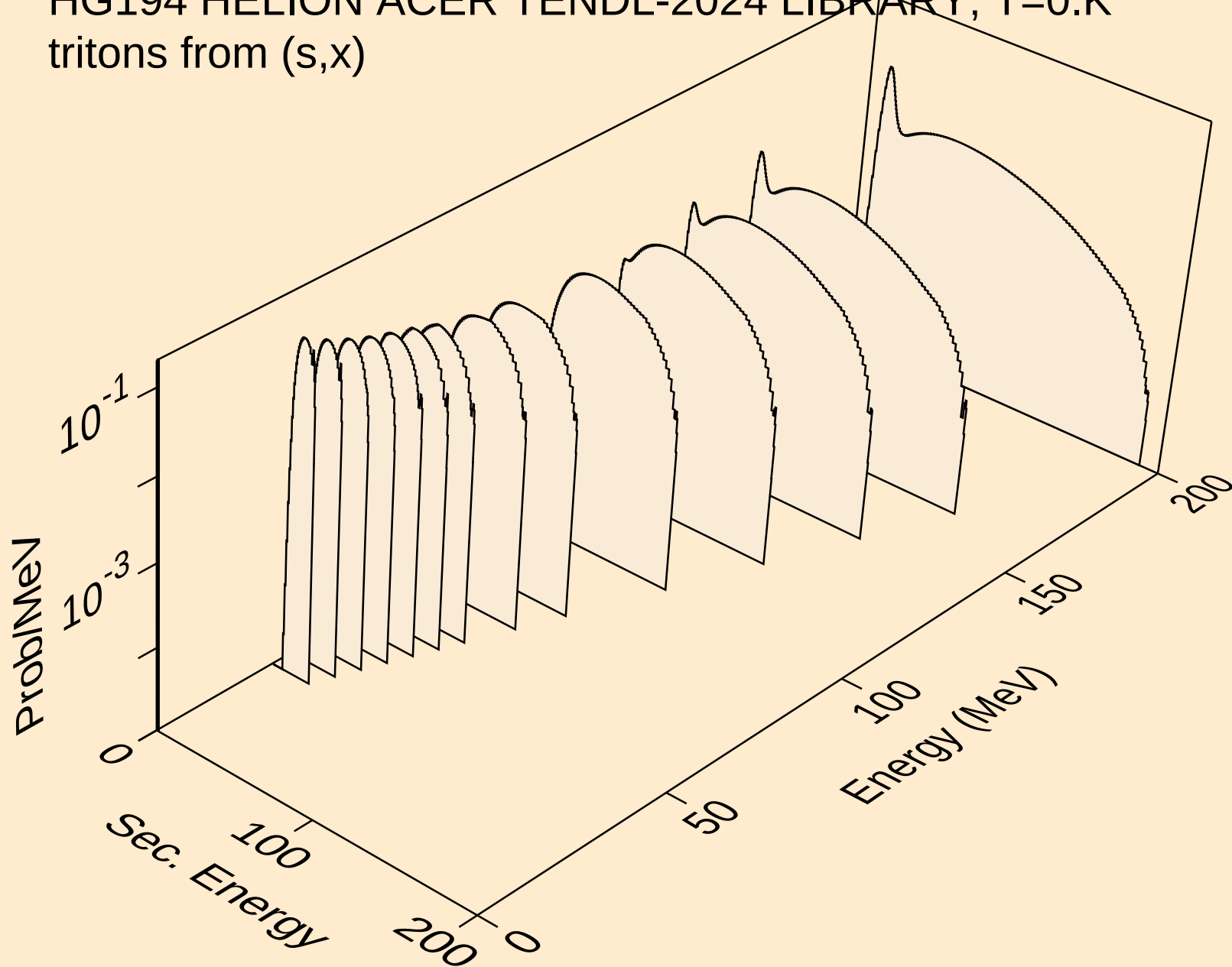
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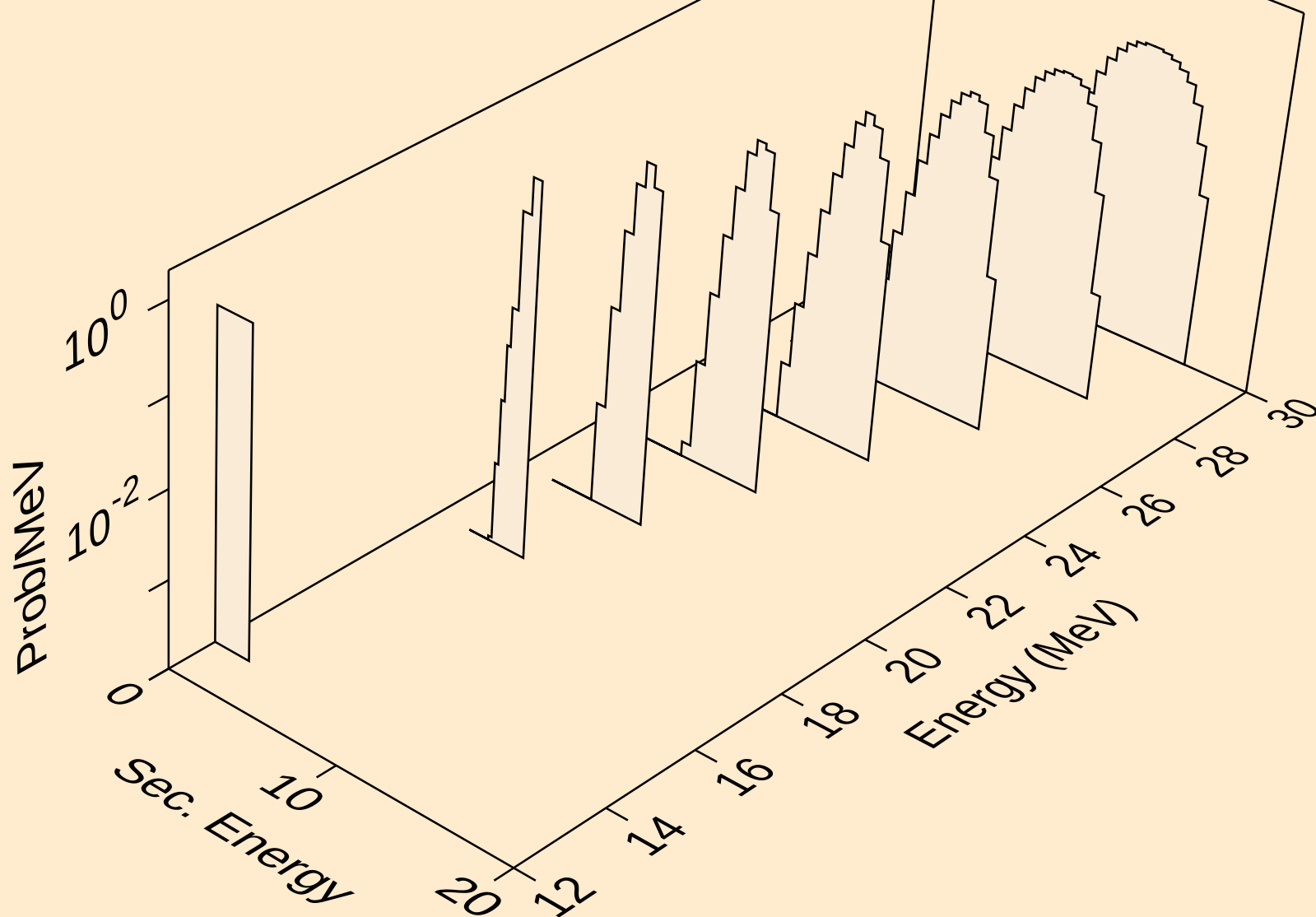
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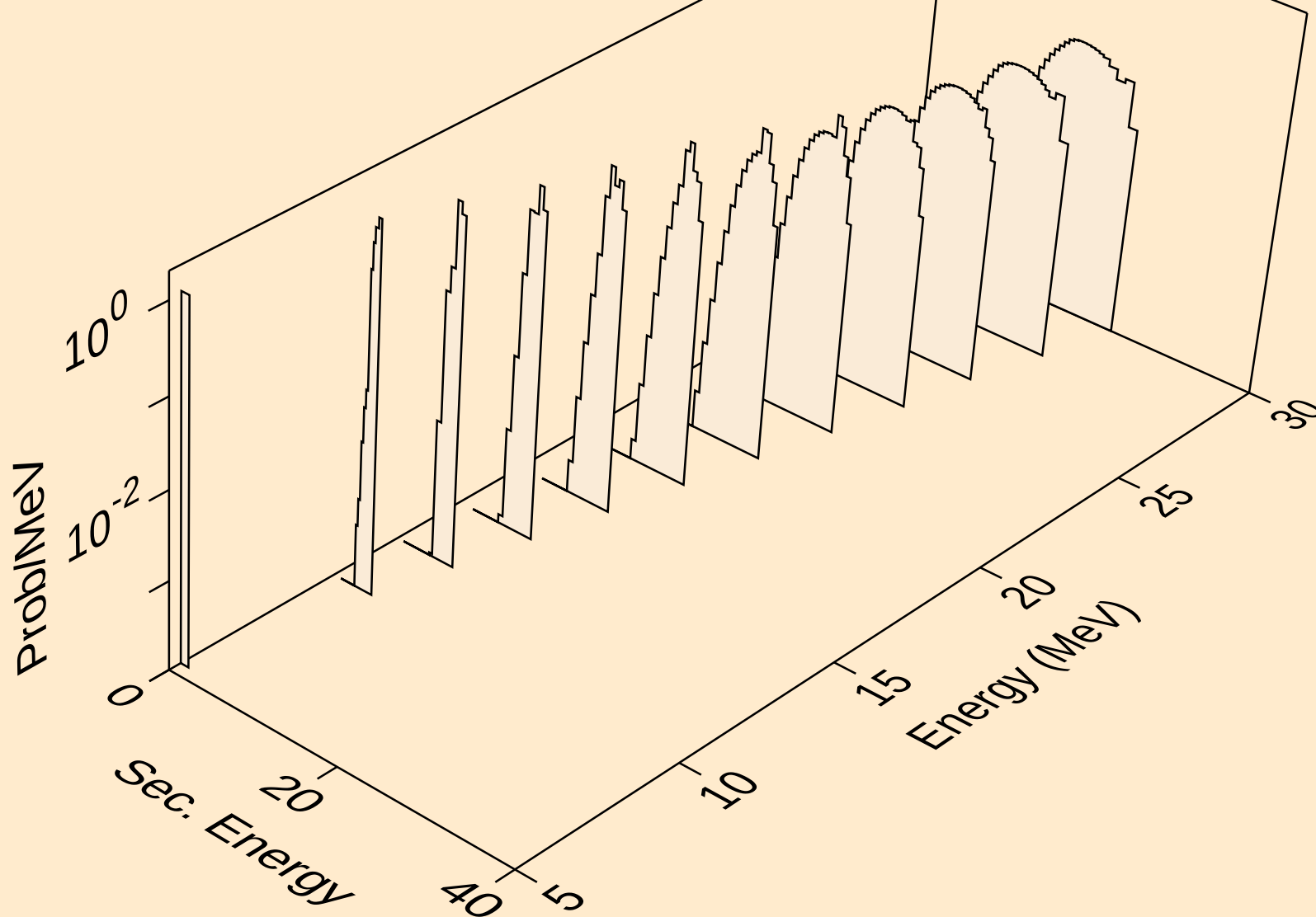
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tritons from (s,x)



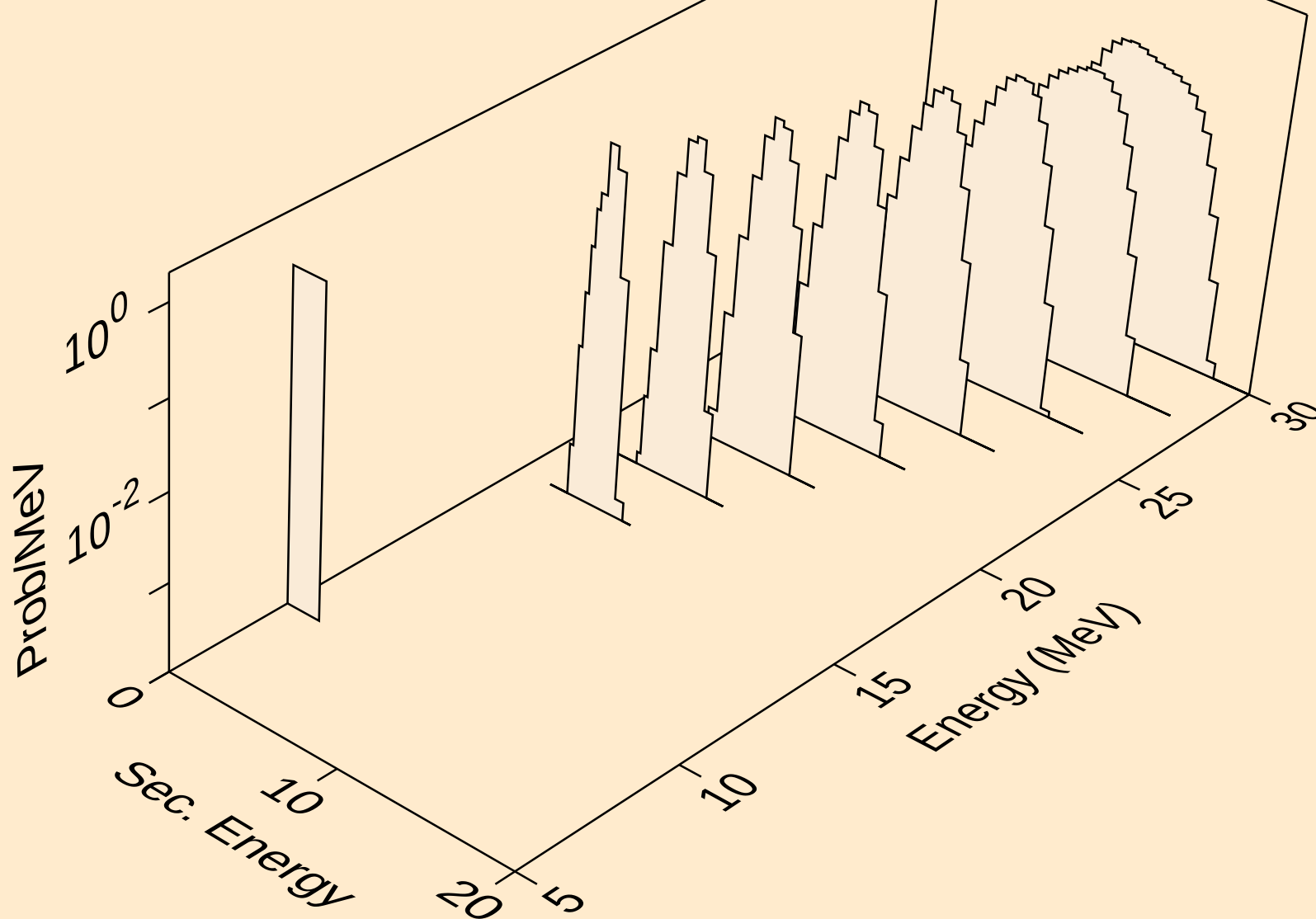
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tritons from (s,n\*)t



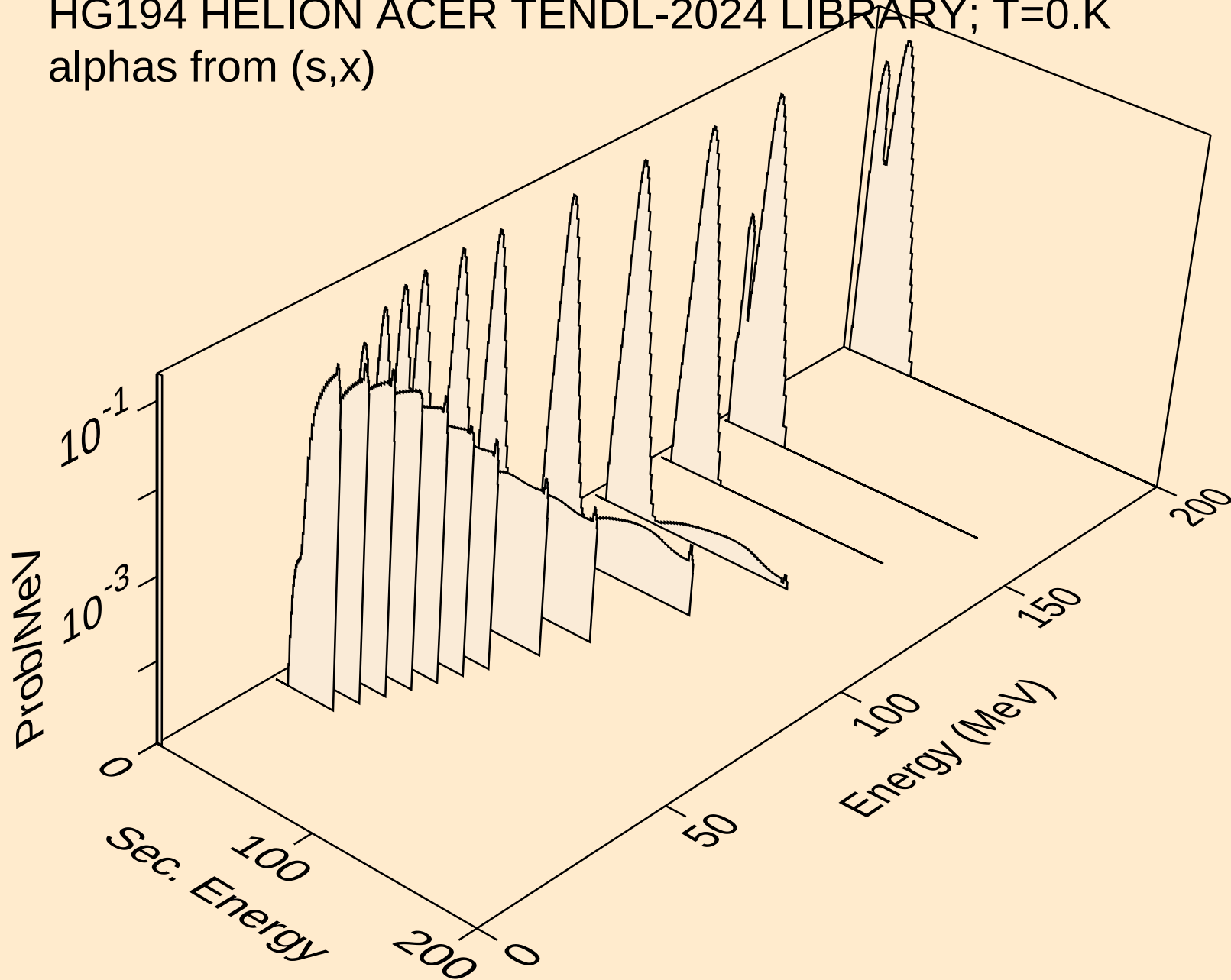
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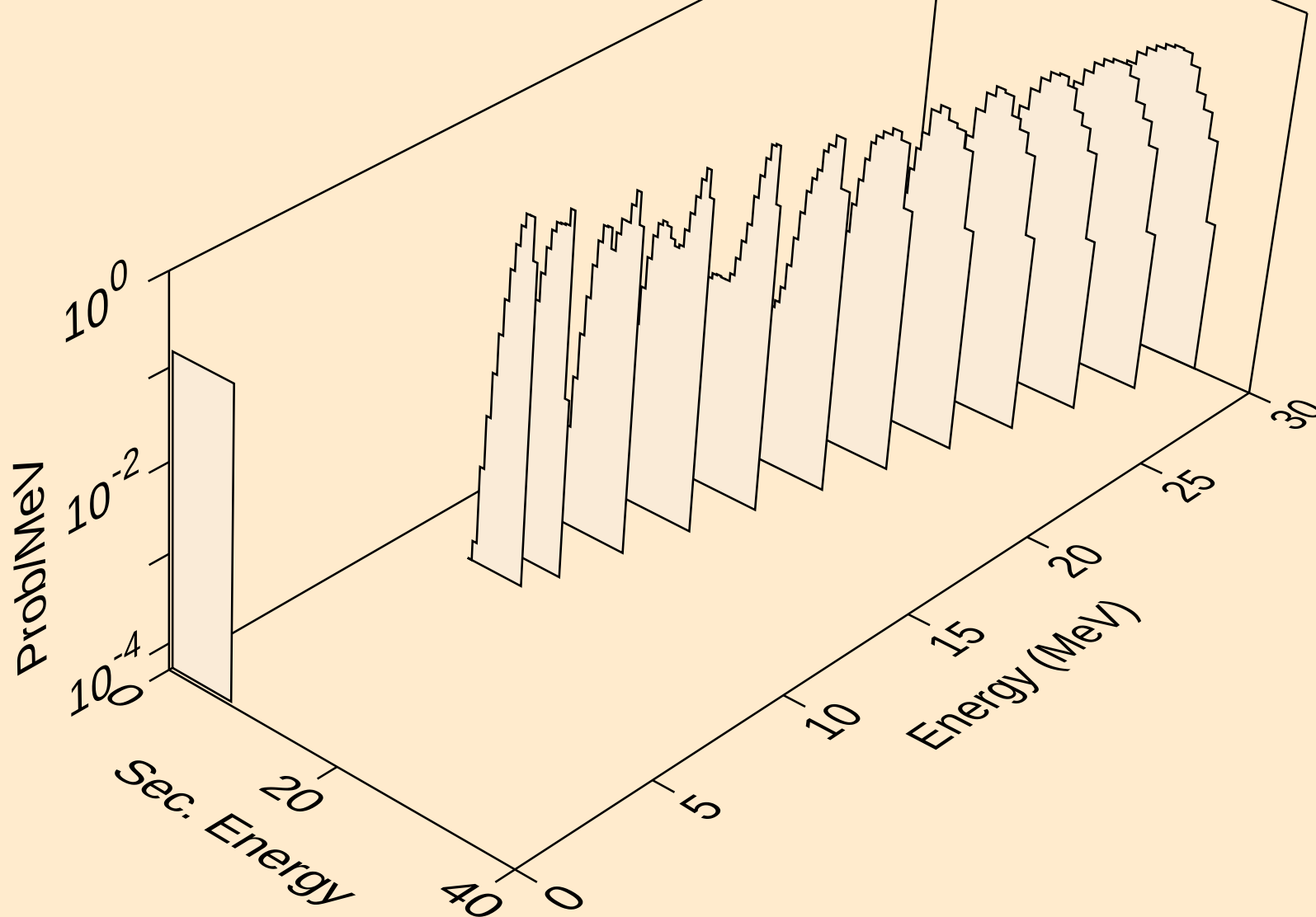
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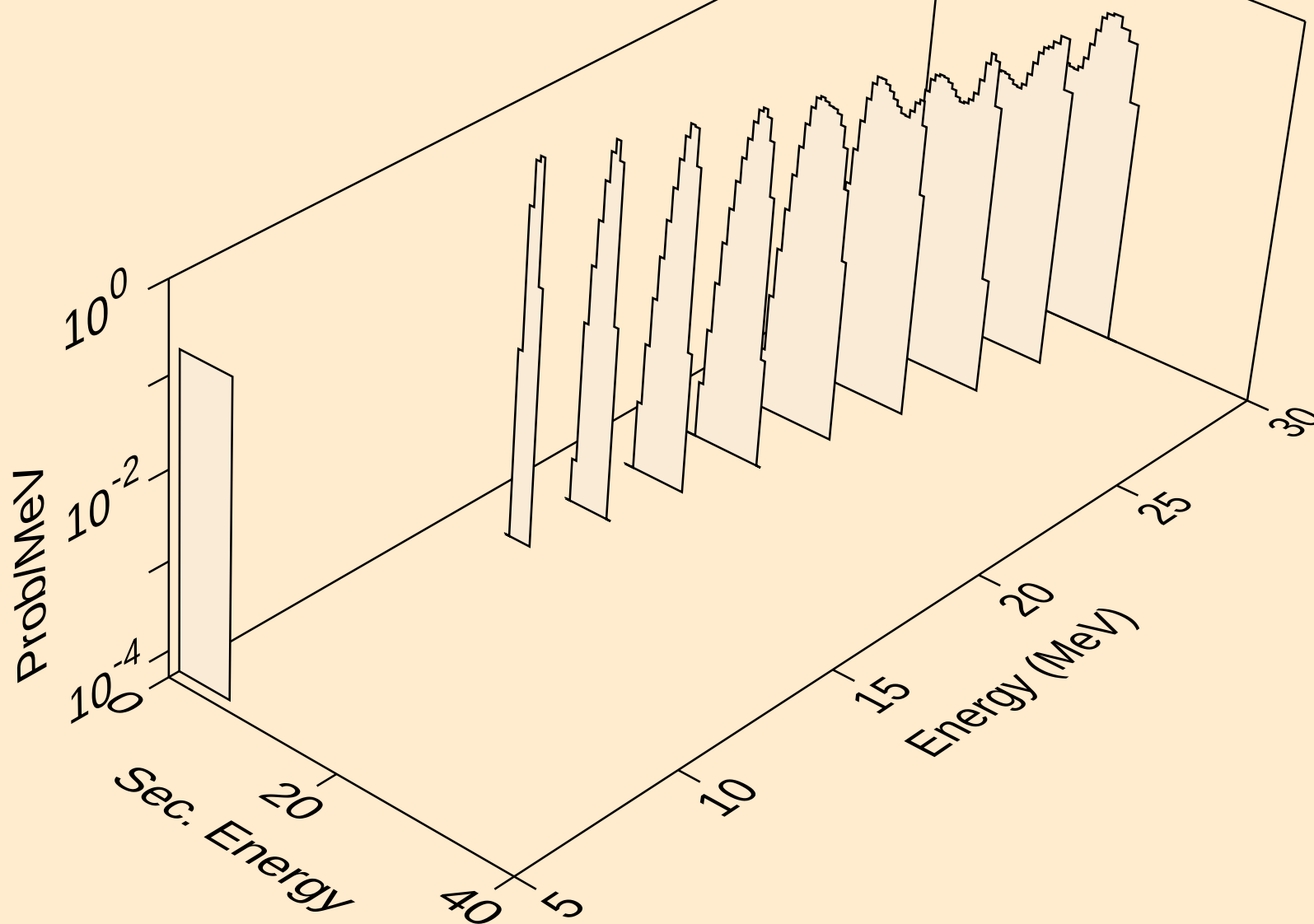
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alphas from (s,x)



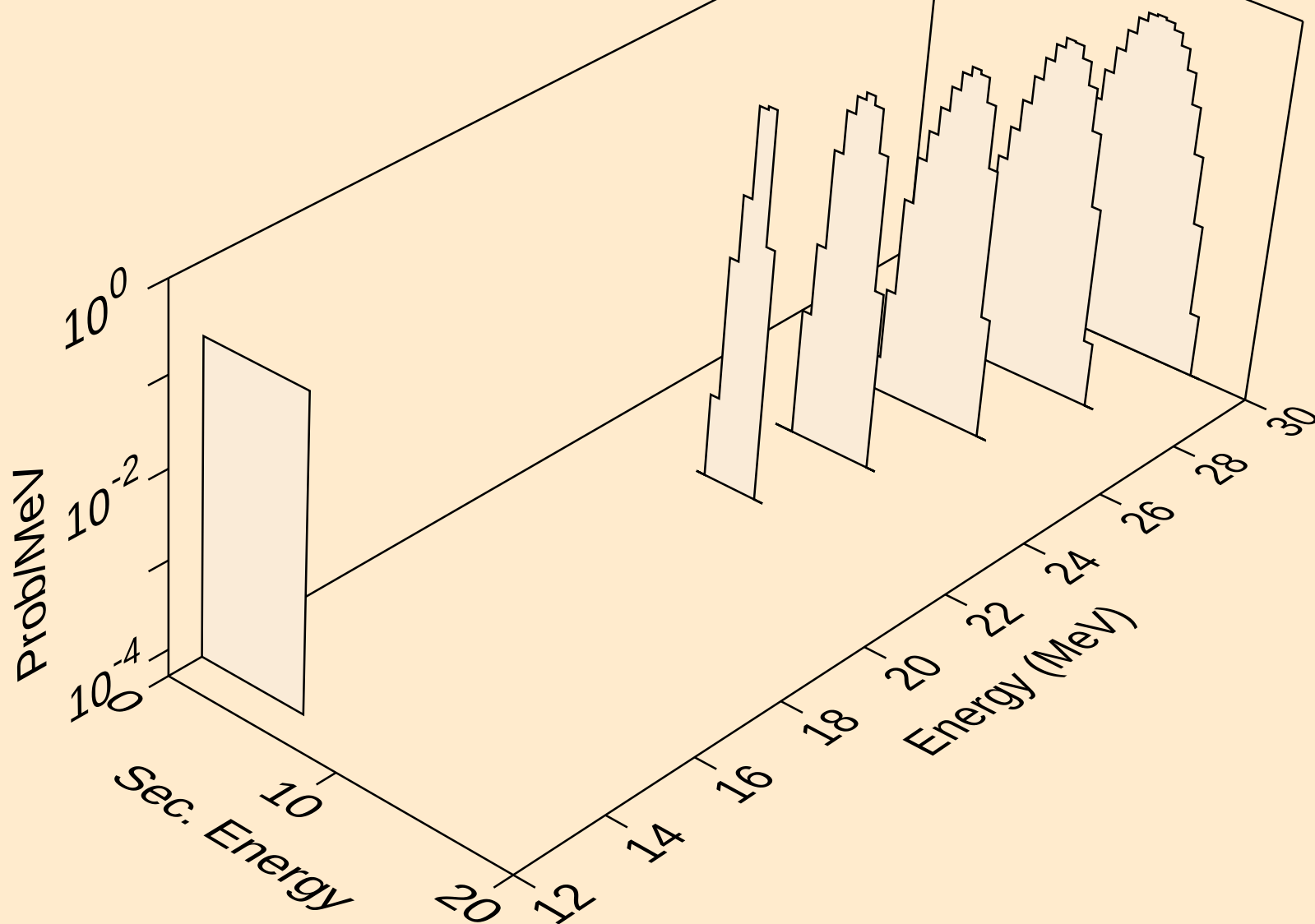
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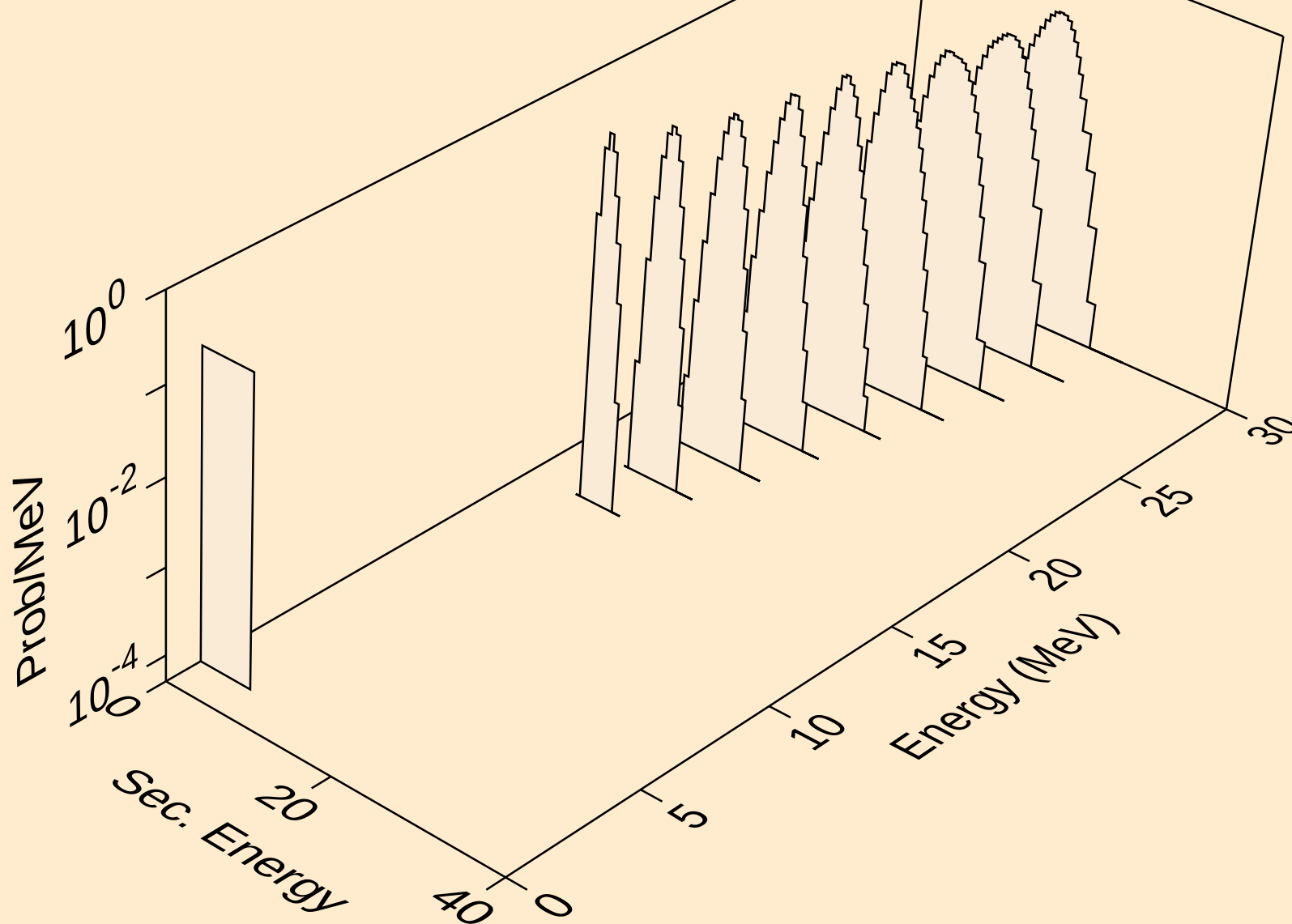
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alphas from (s,2n)a



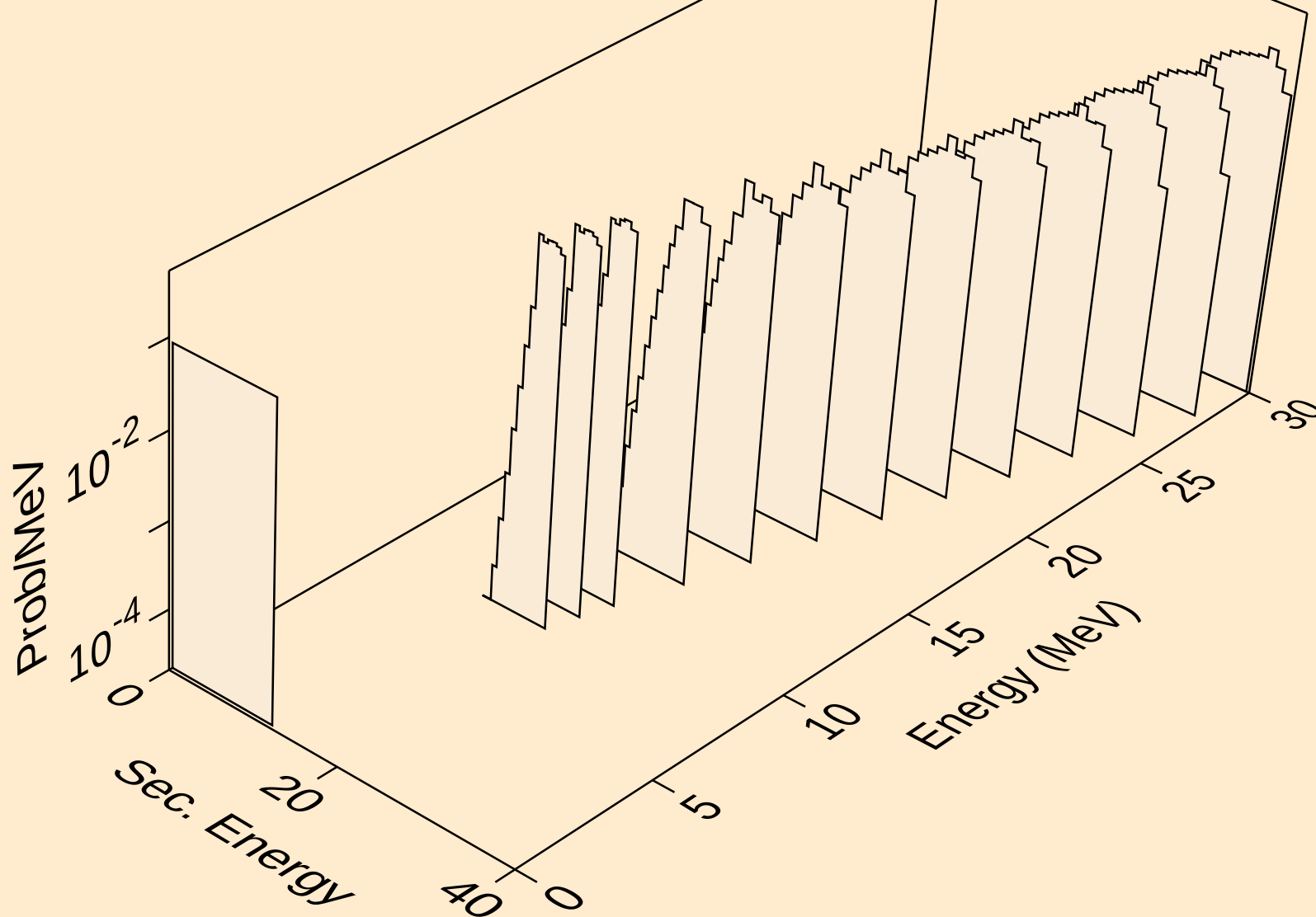
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alphas from (s,3n)a



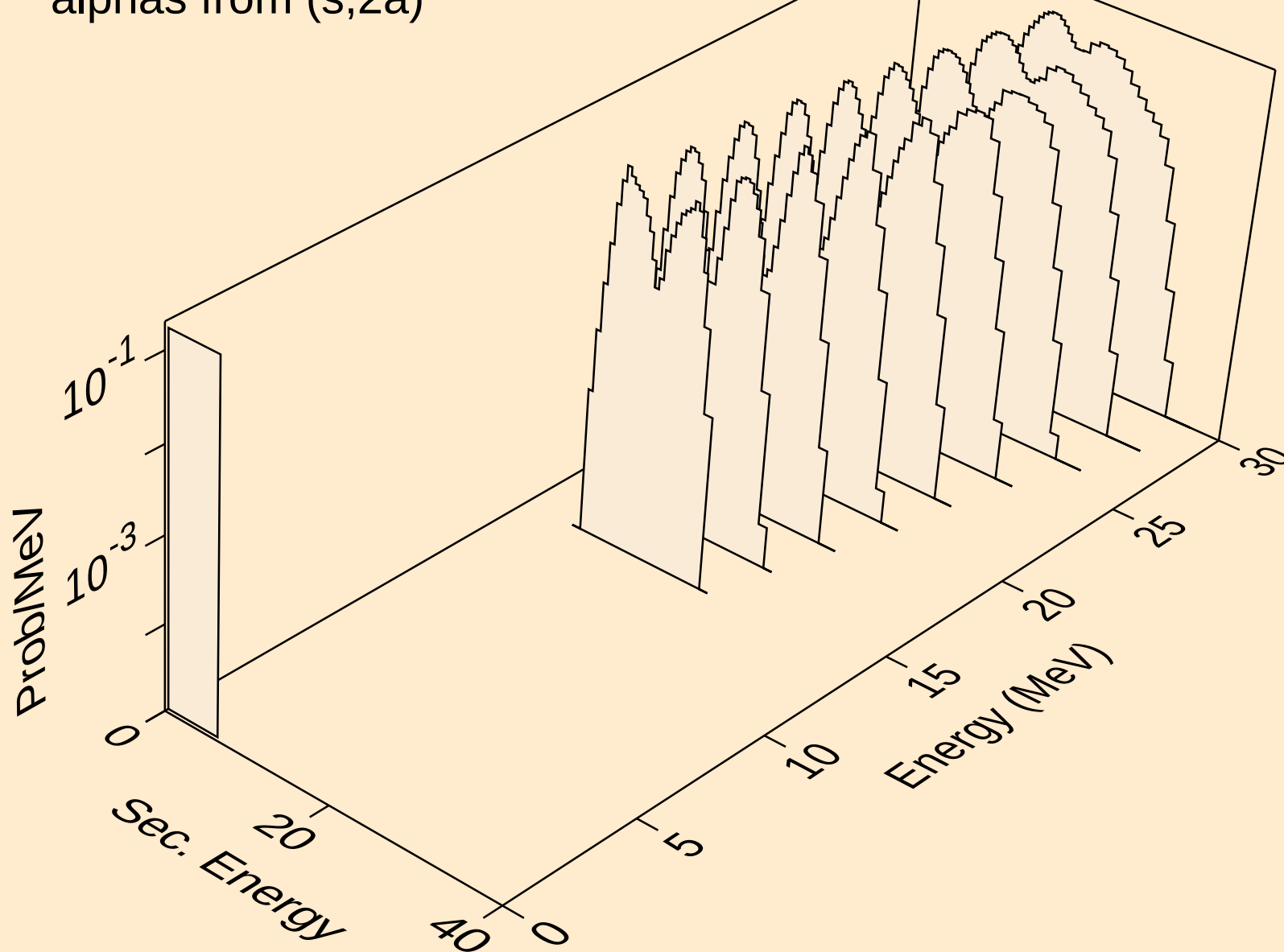
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alphas from (s,npa)



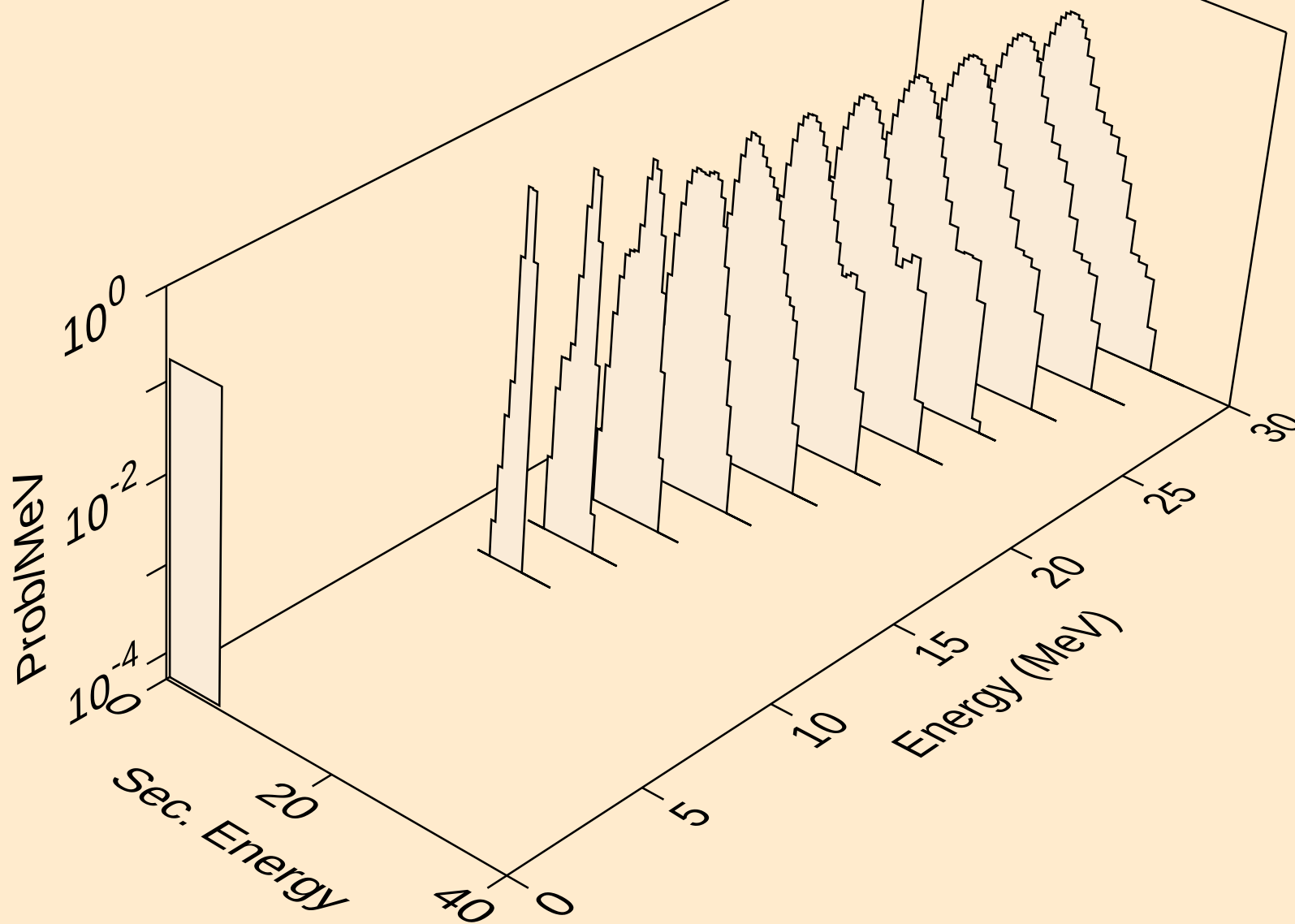
HG194 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,a)



HG194 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,2a)



HG194 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,pa)



HG194 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,da)

