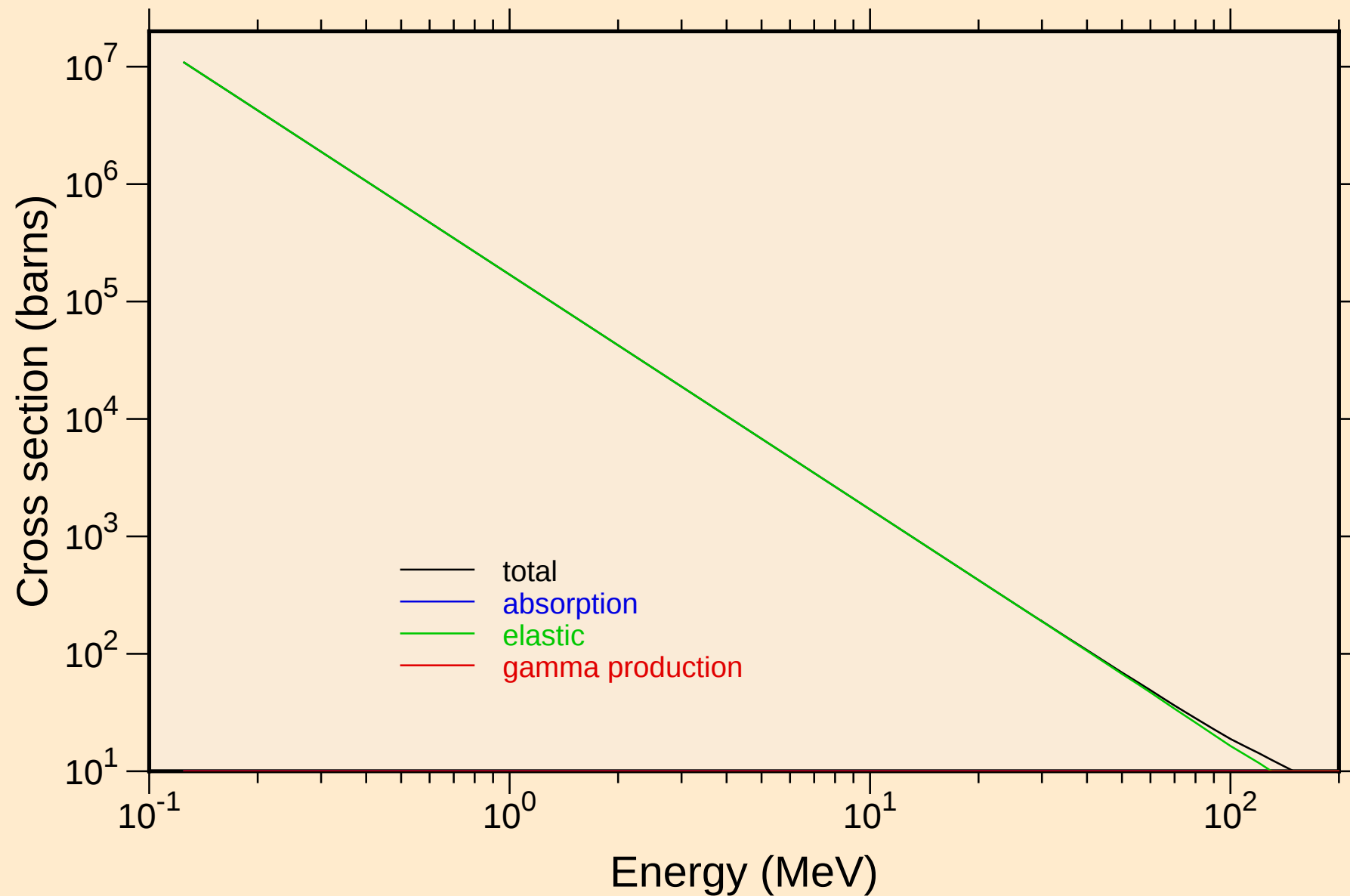


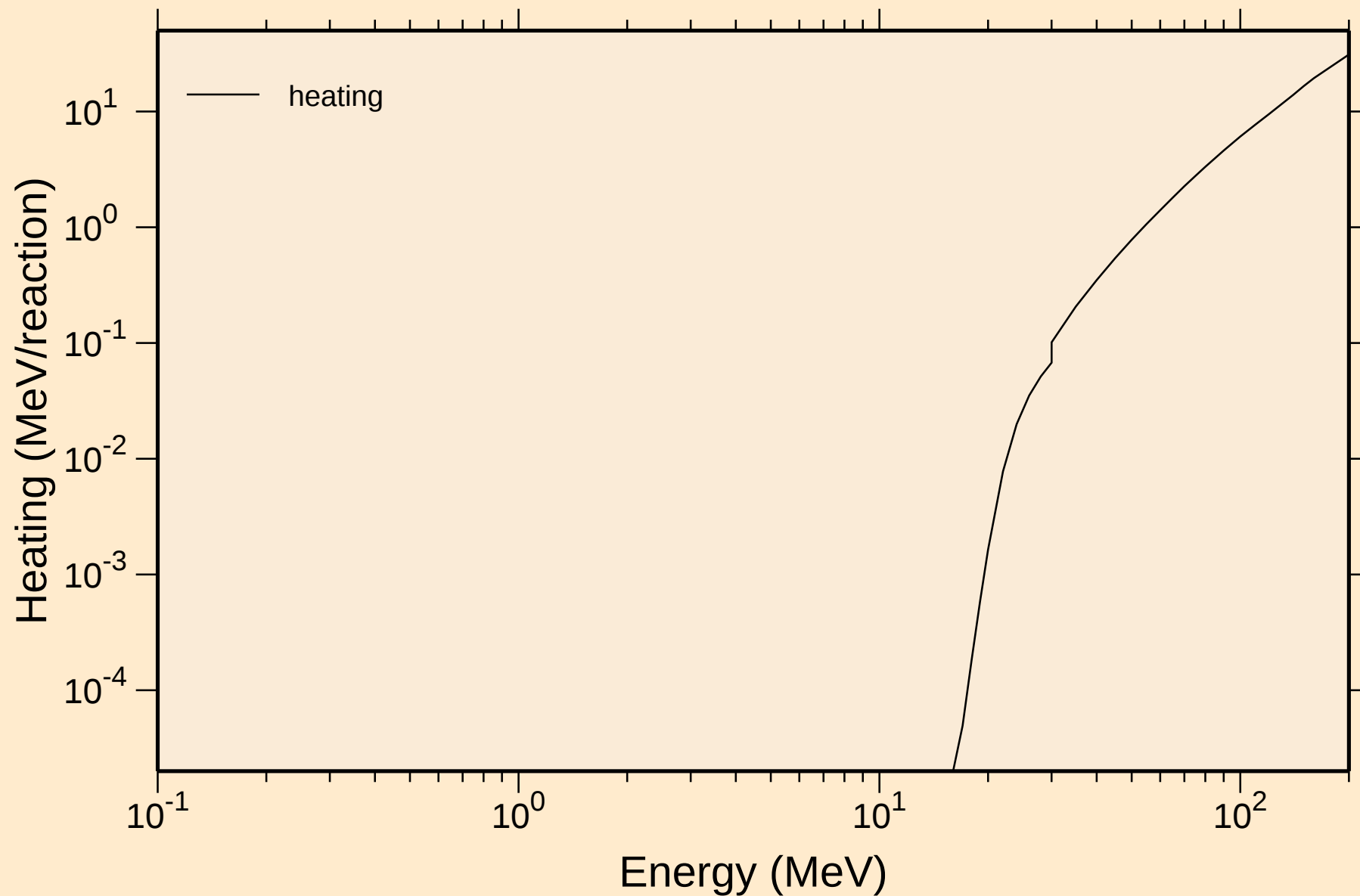
# PB214 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



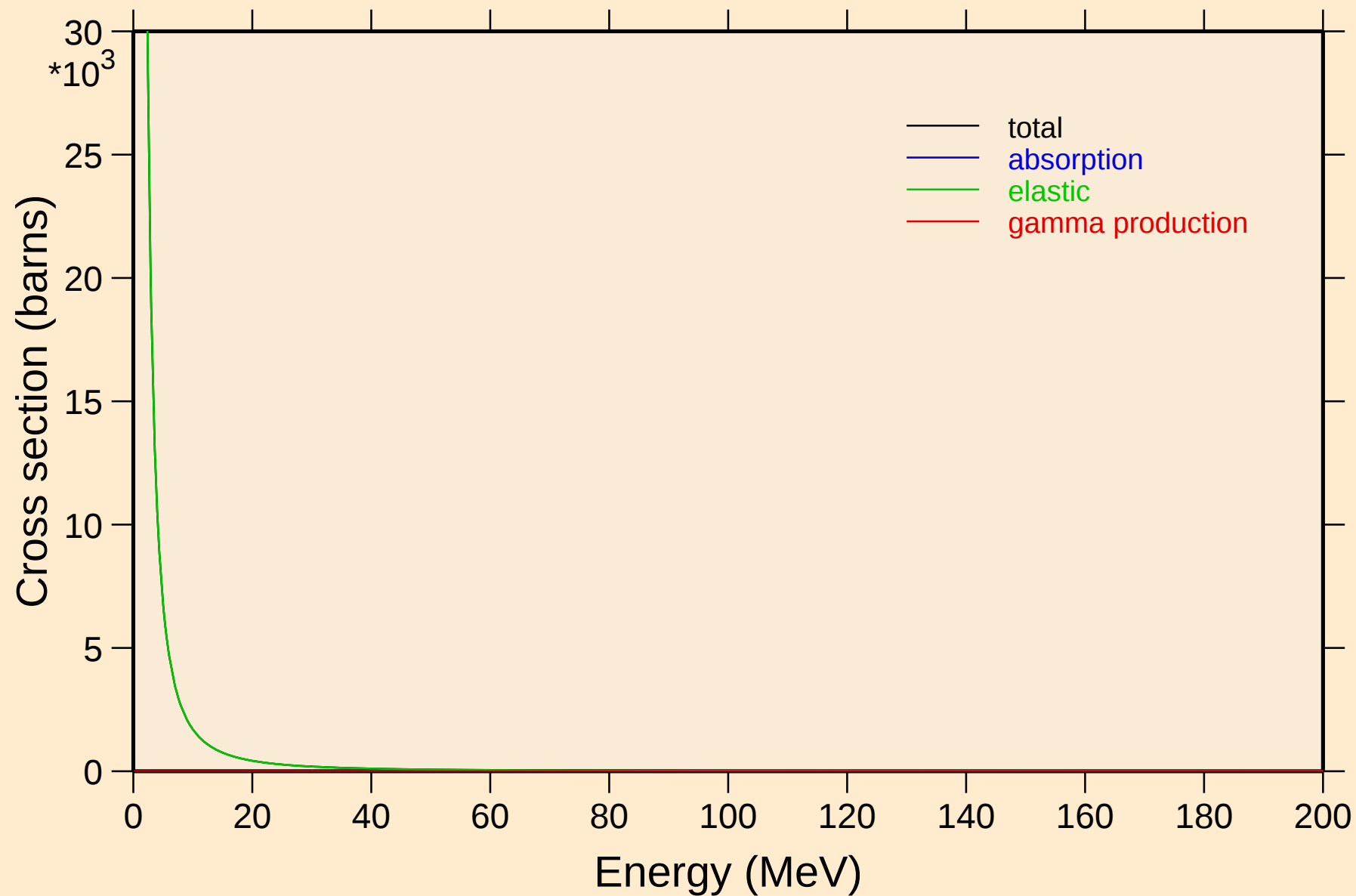
PB214 HELION ACER TENDL-2021 LIBRARY; T=0.K

Heating



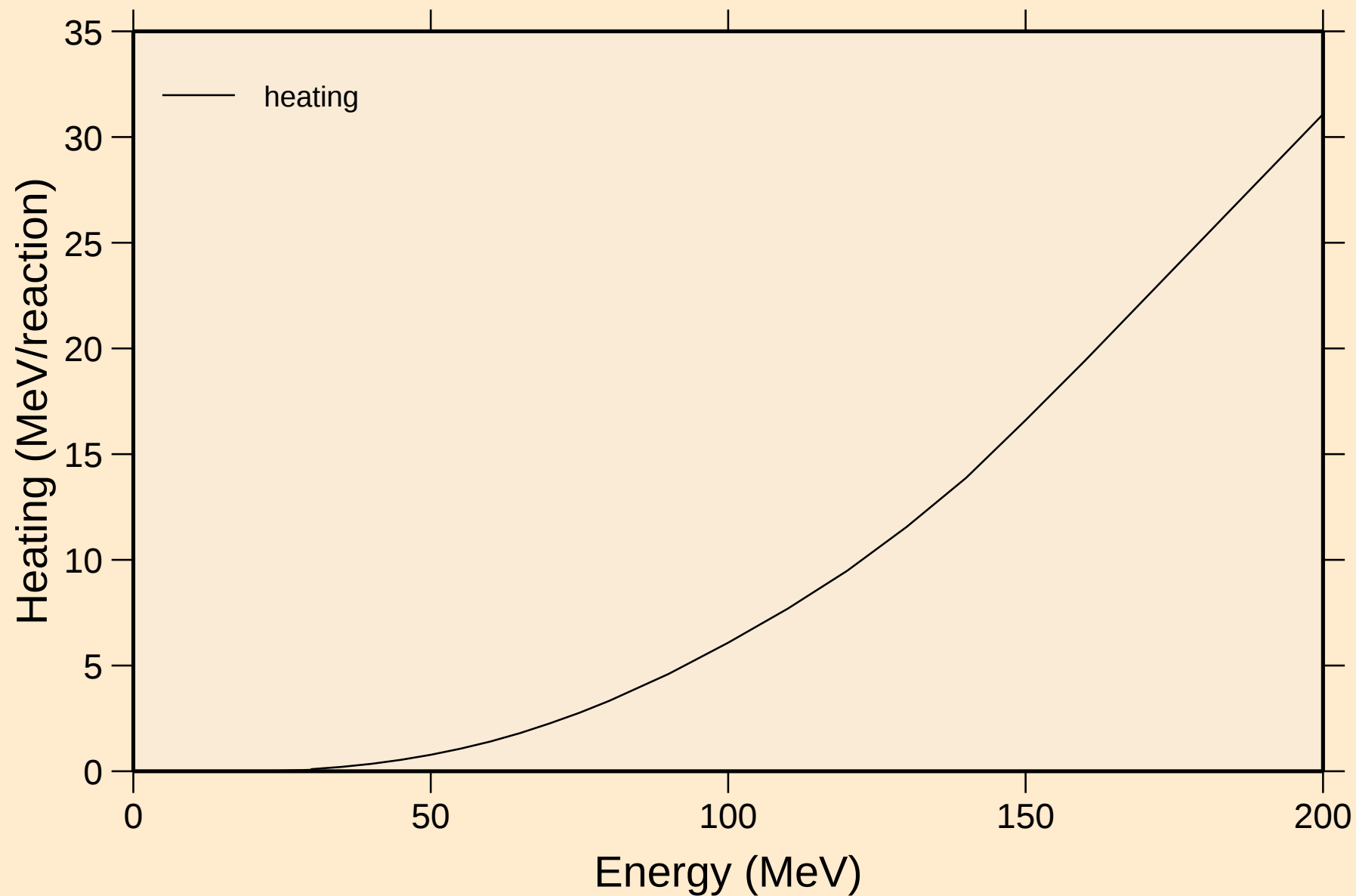
# PB214 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



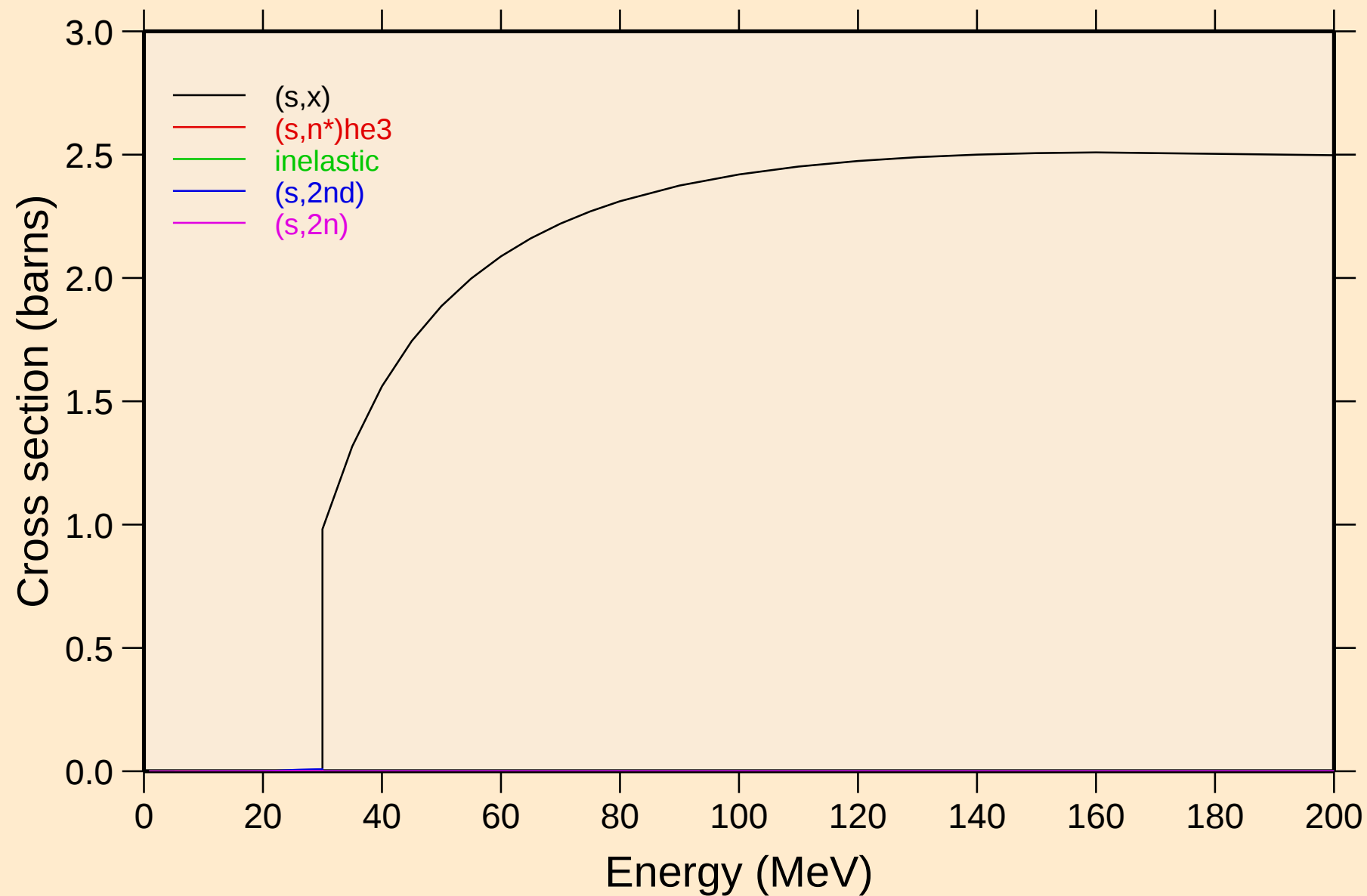
PB214 HELION ACER TENDL-2021 LIBRARY; T=0.K

Heating



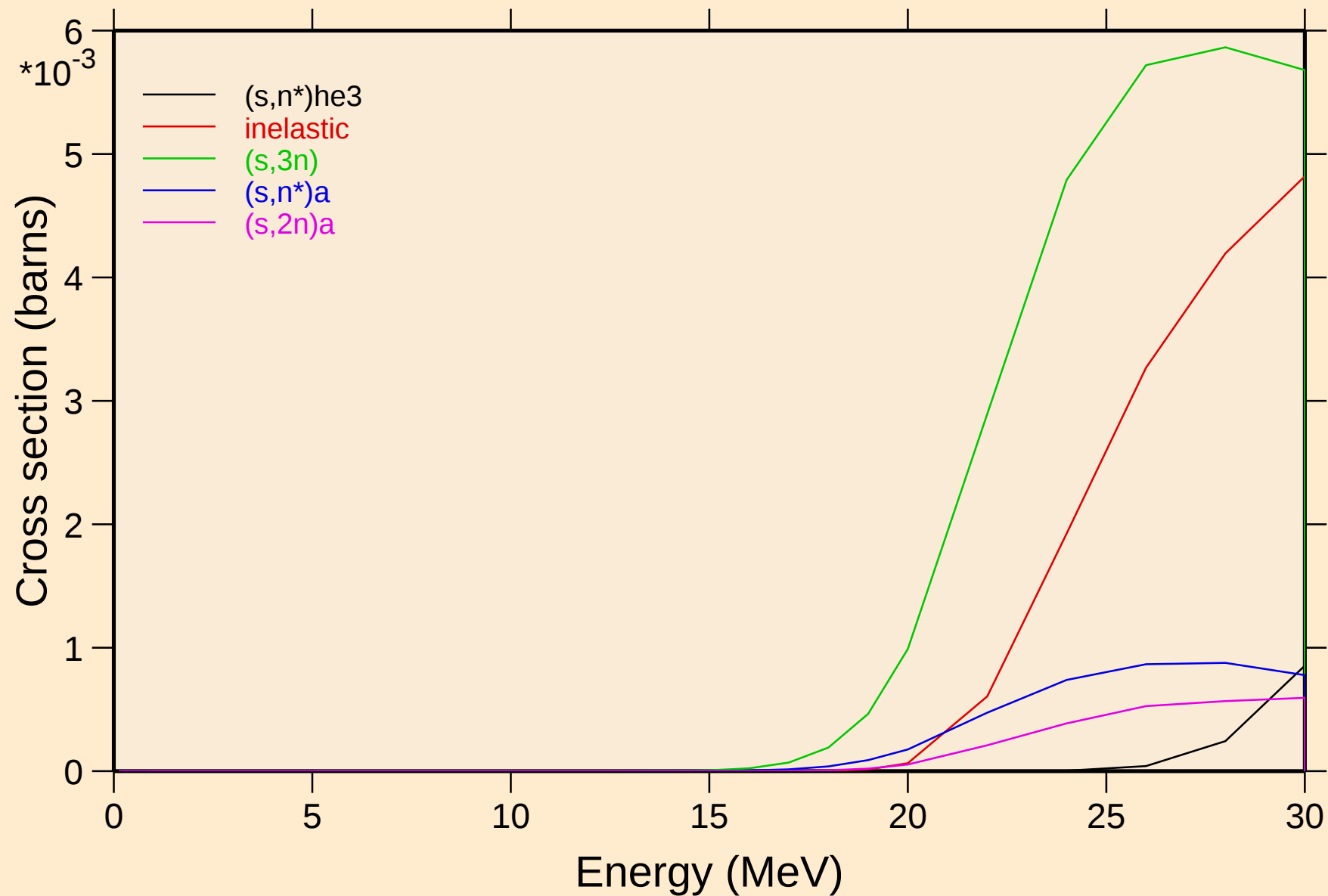
# PB214 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions



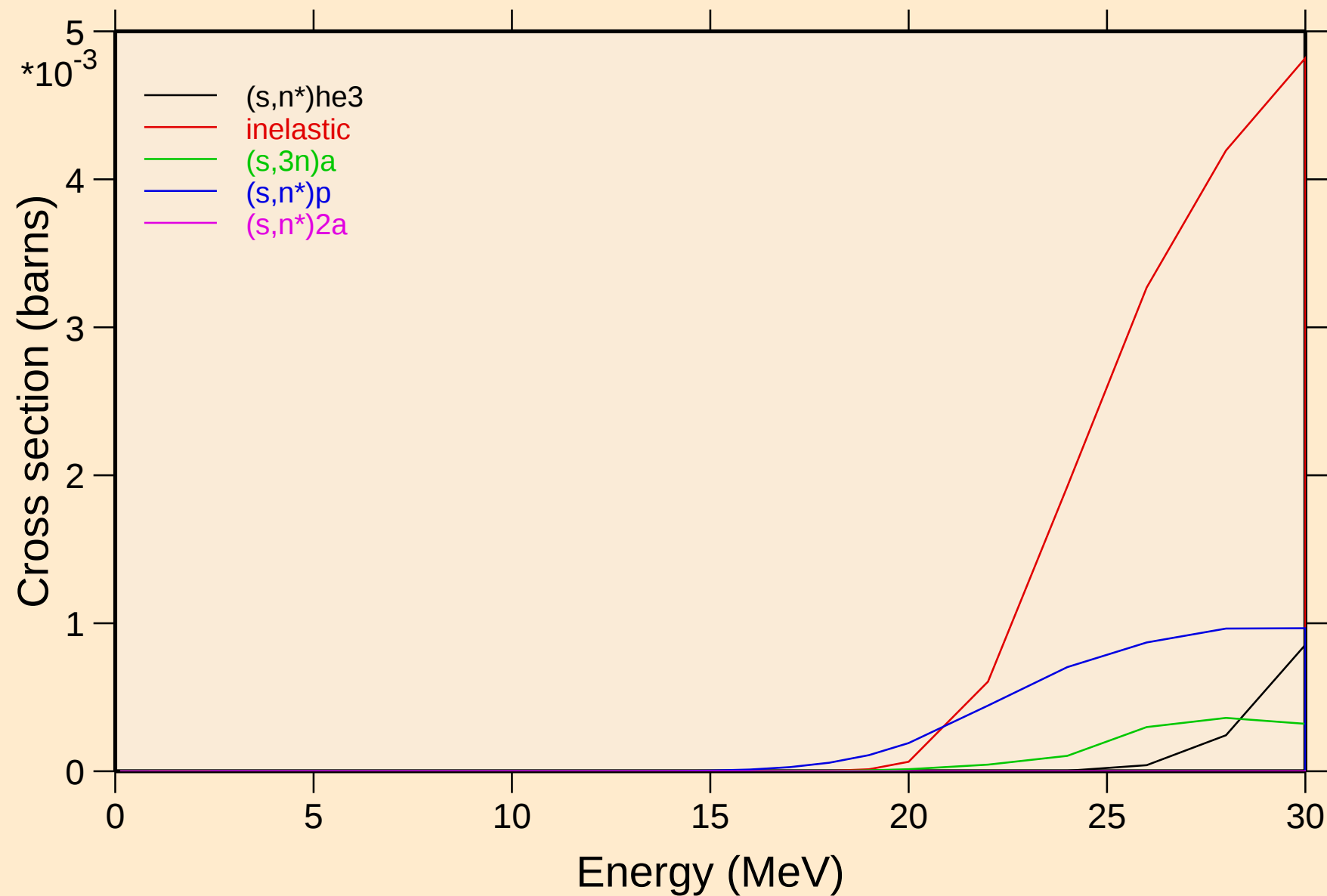
# PB214 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions



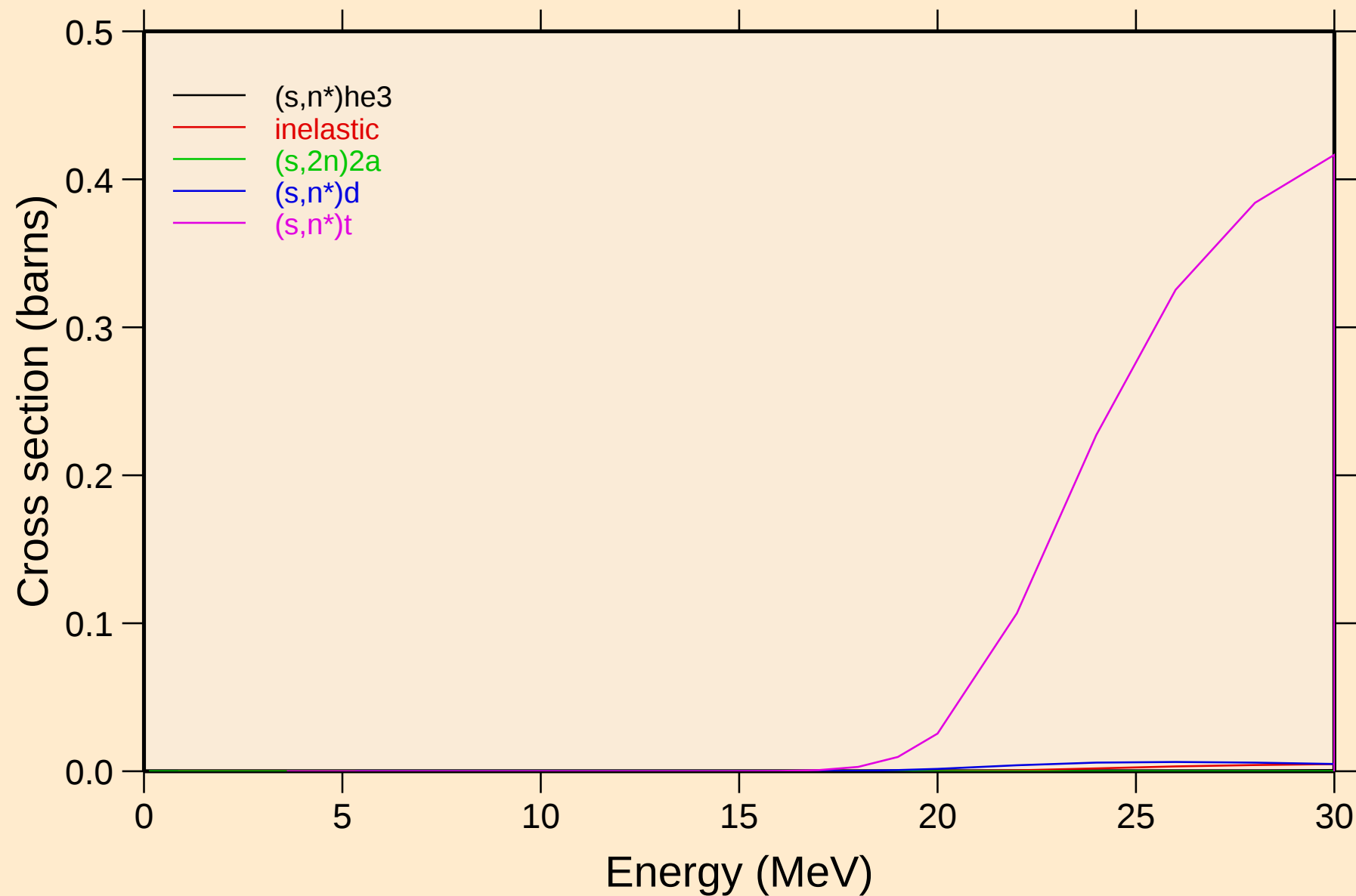
# PB214 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions



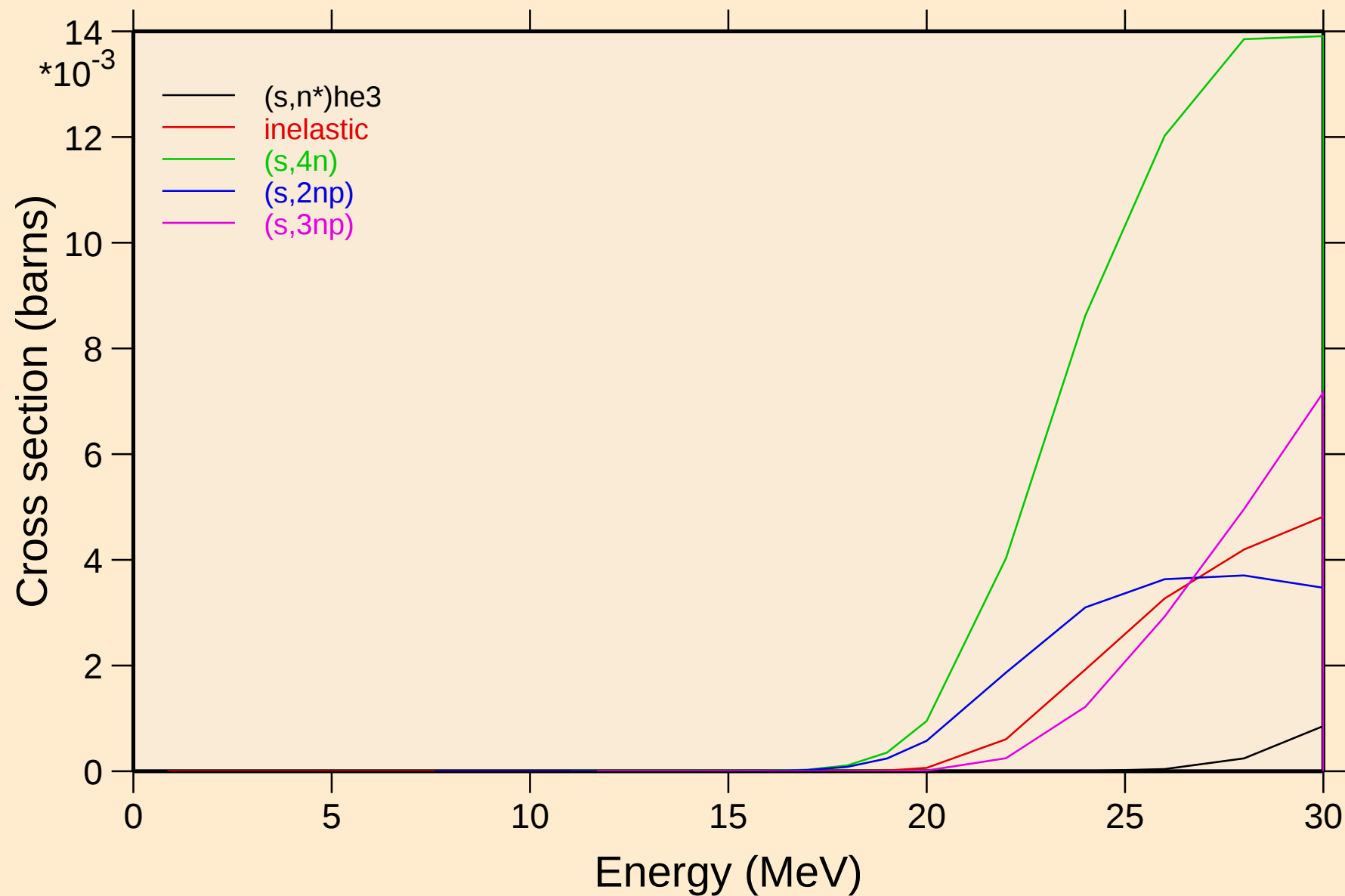
# PB214 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions



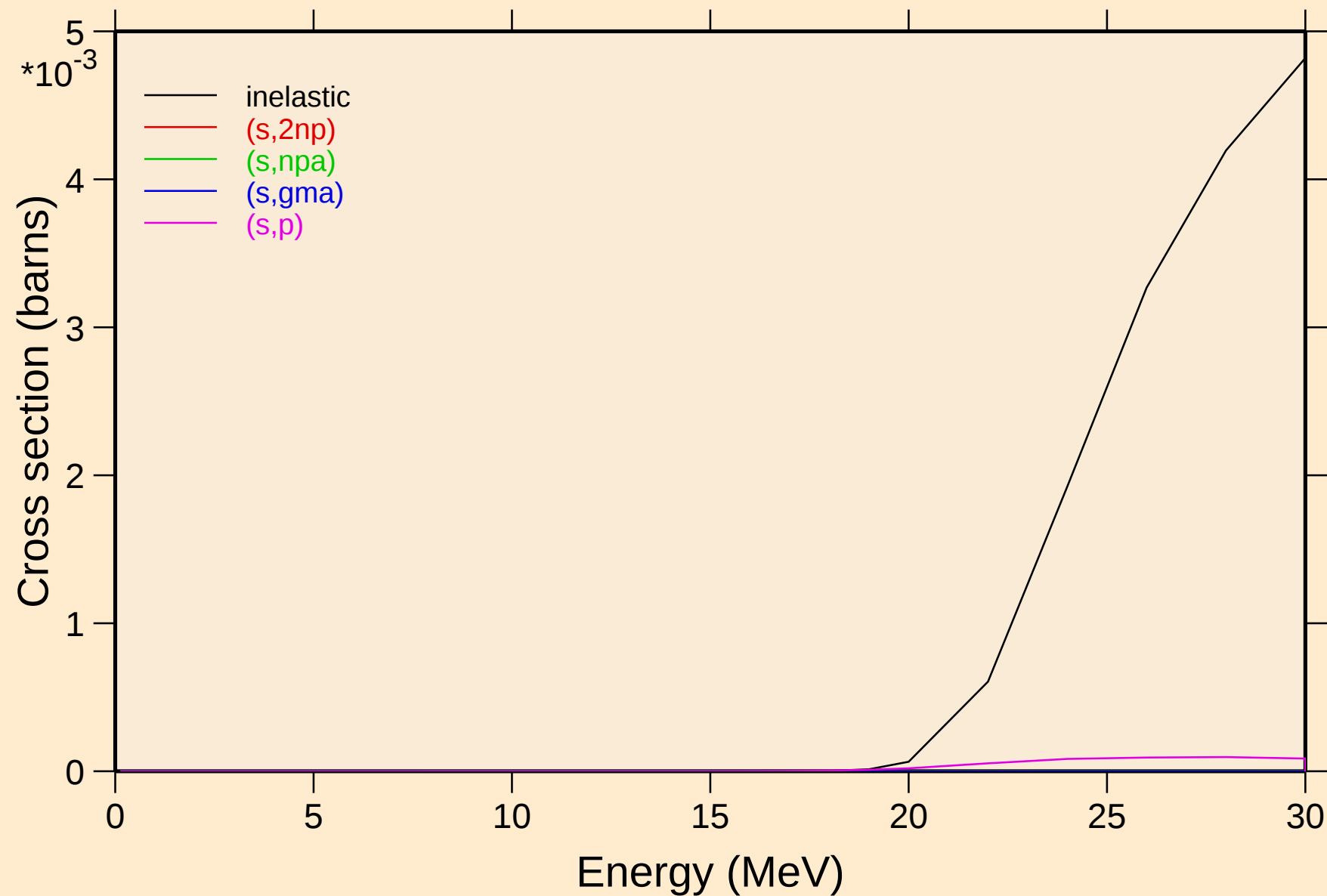
# PB214 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions

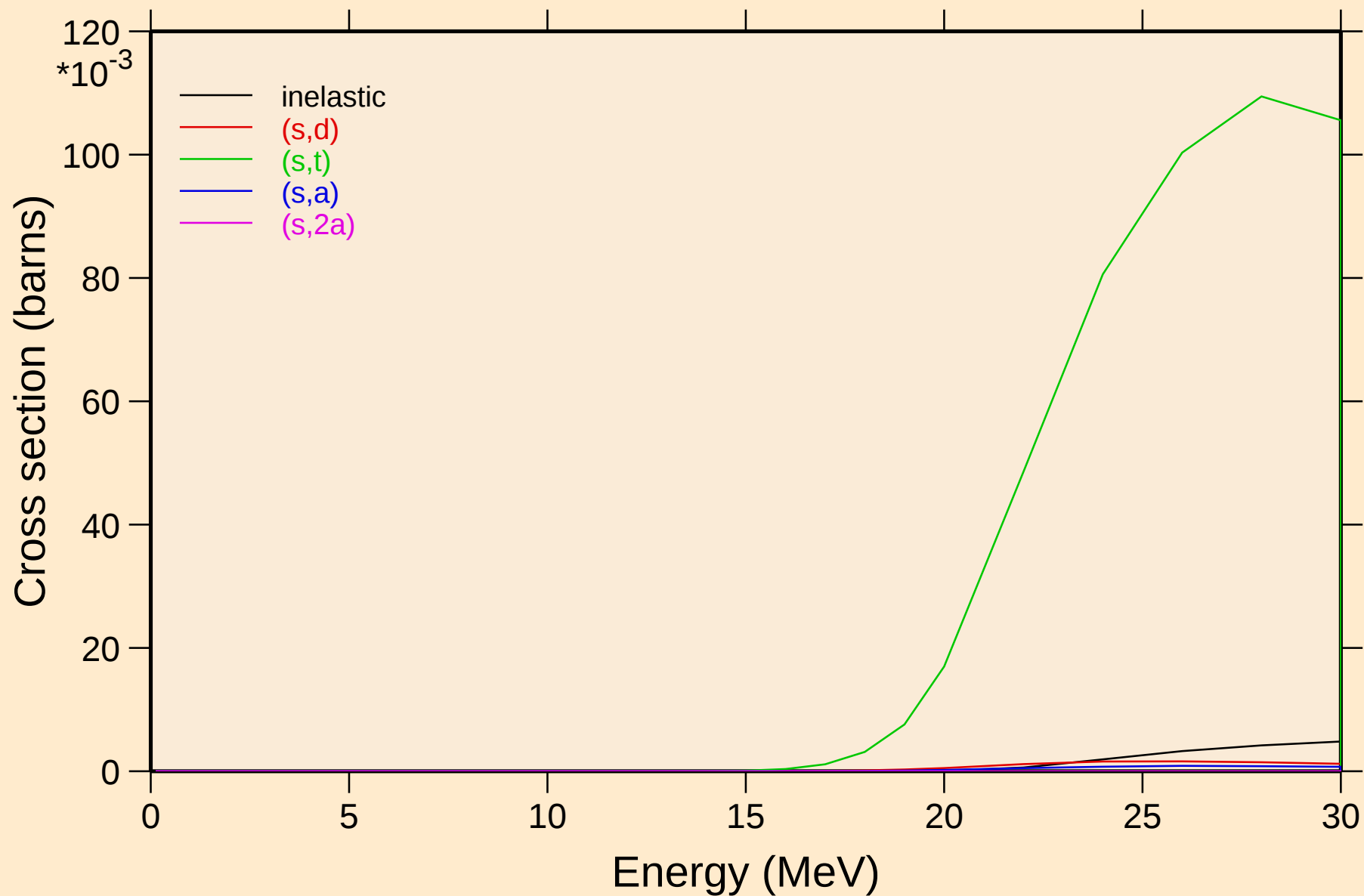


# PB214 HELION ACER TENDL-2021 LIBRARY; T=0.K

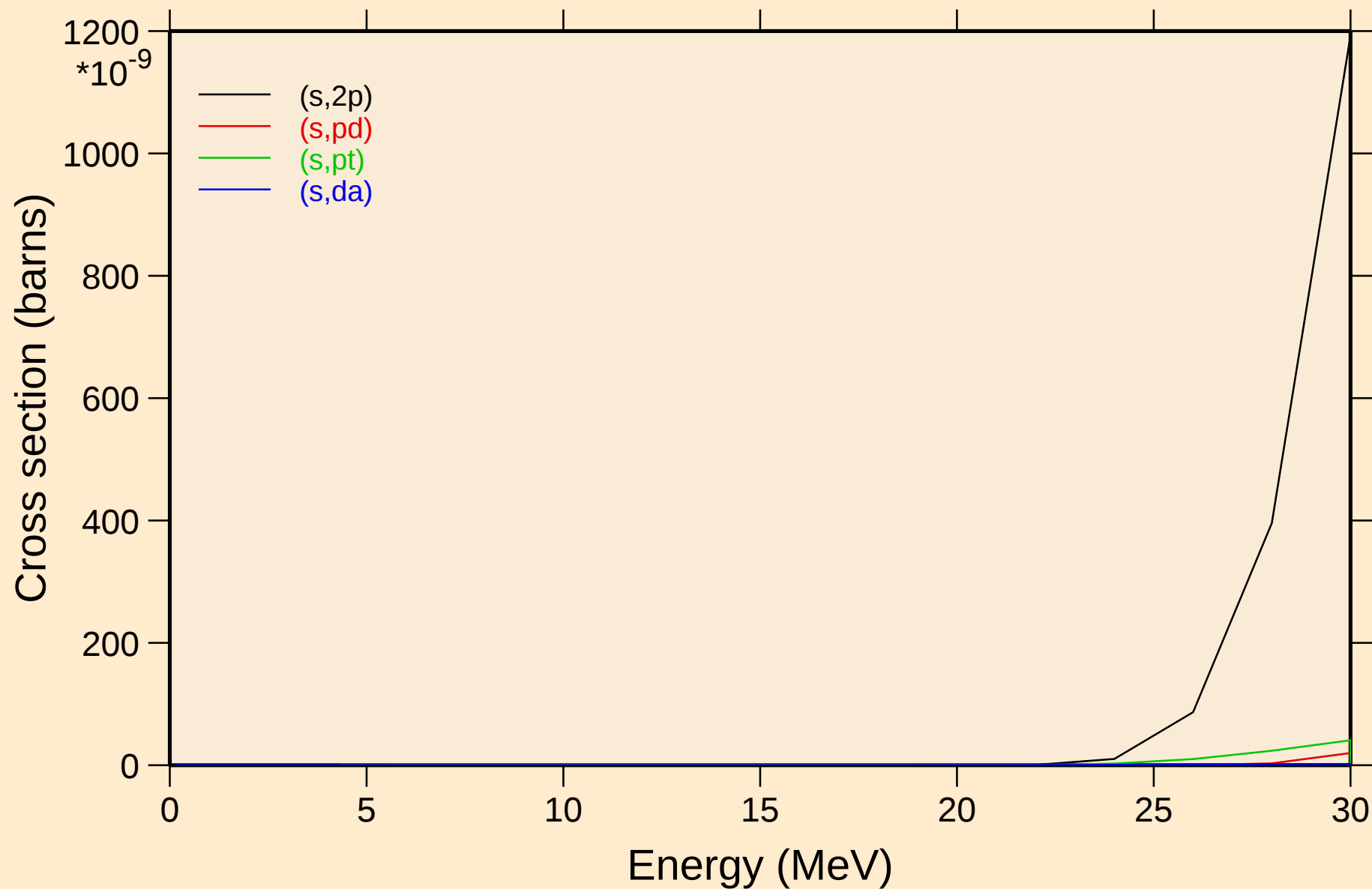
## Threshold reactions



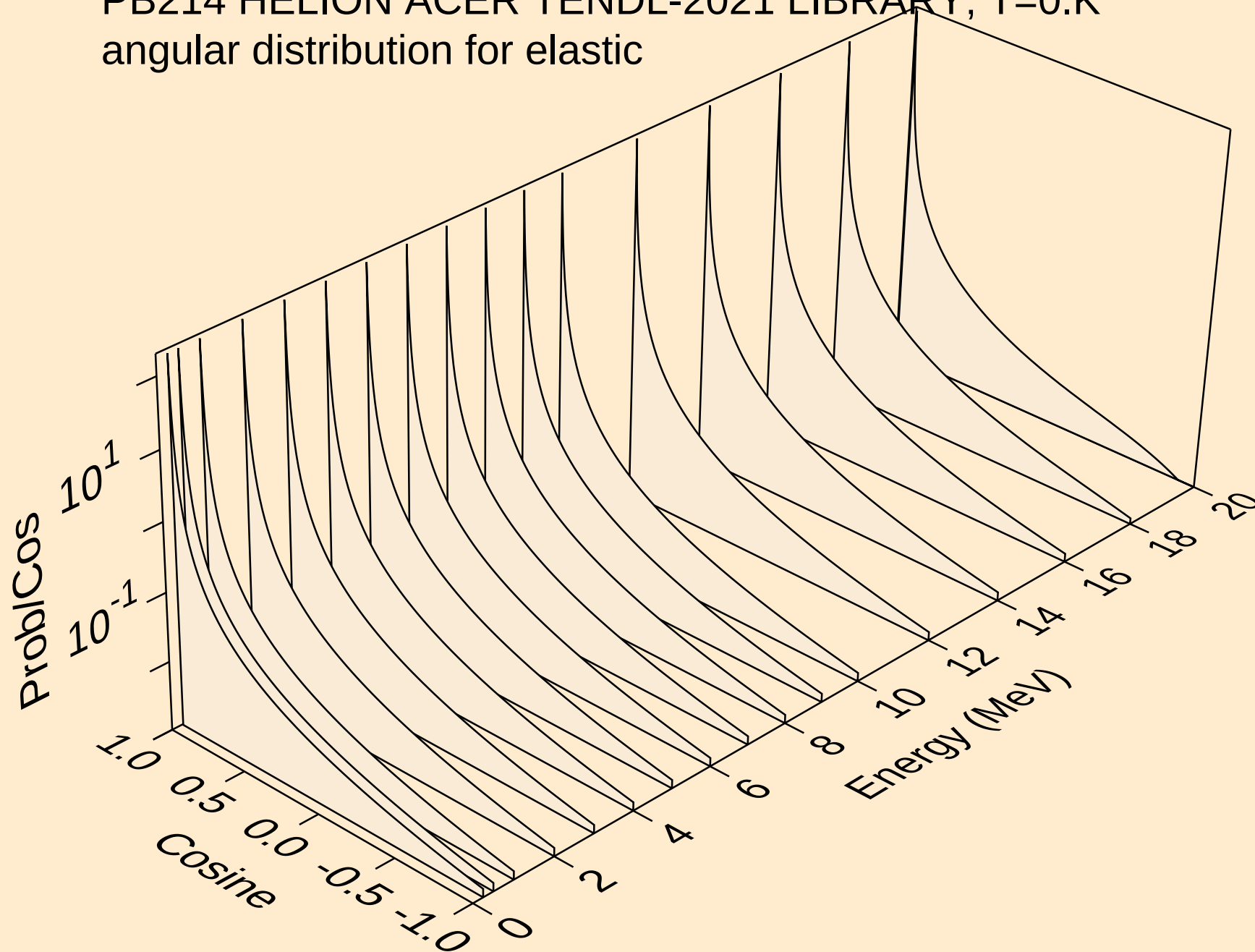
PB214 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



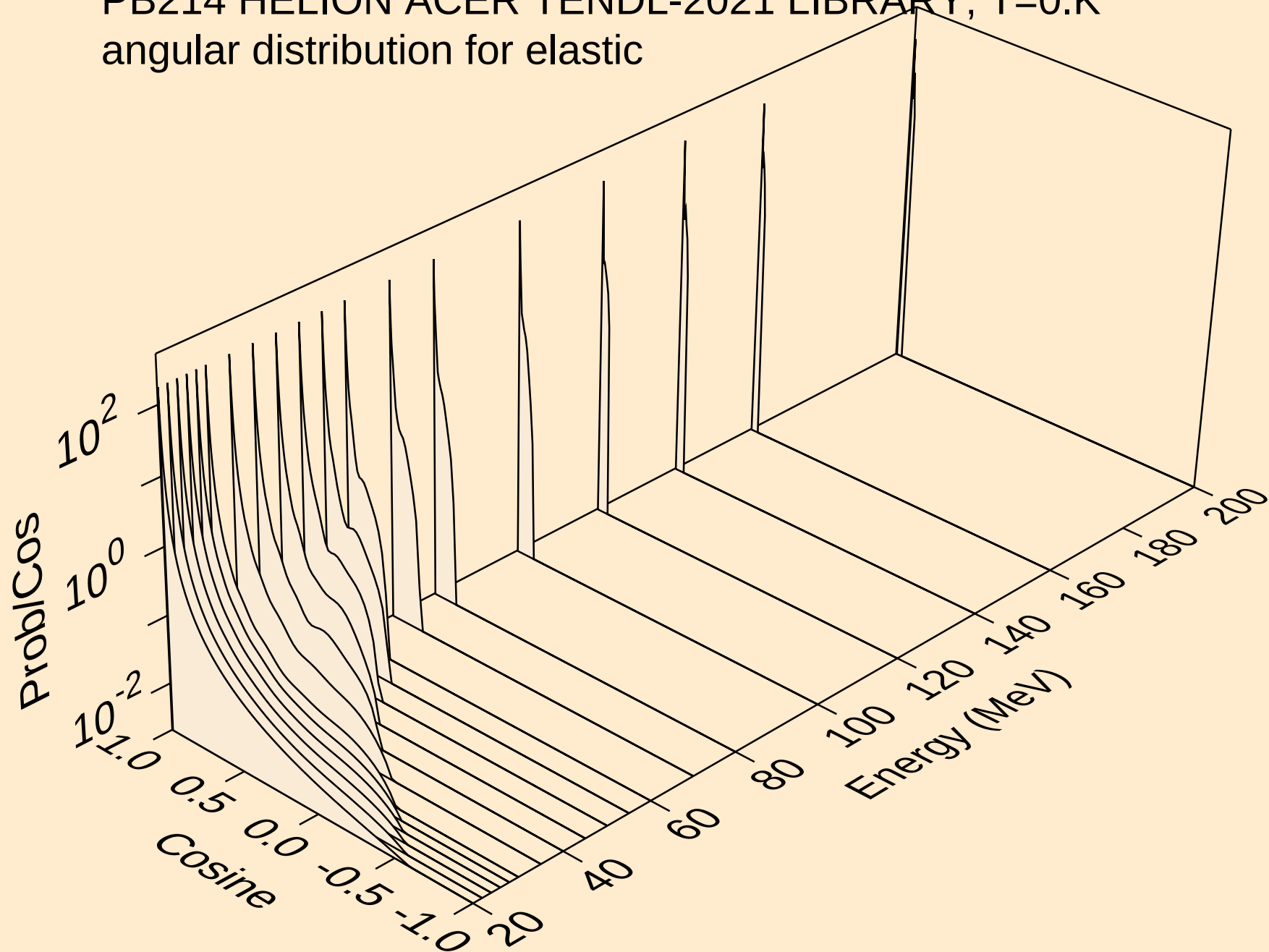
PB214 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



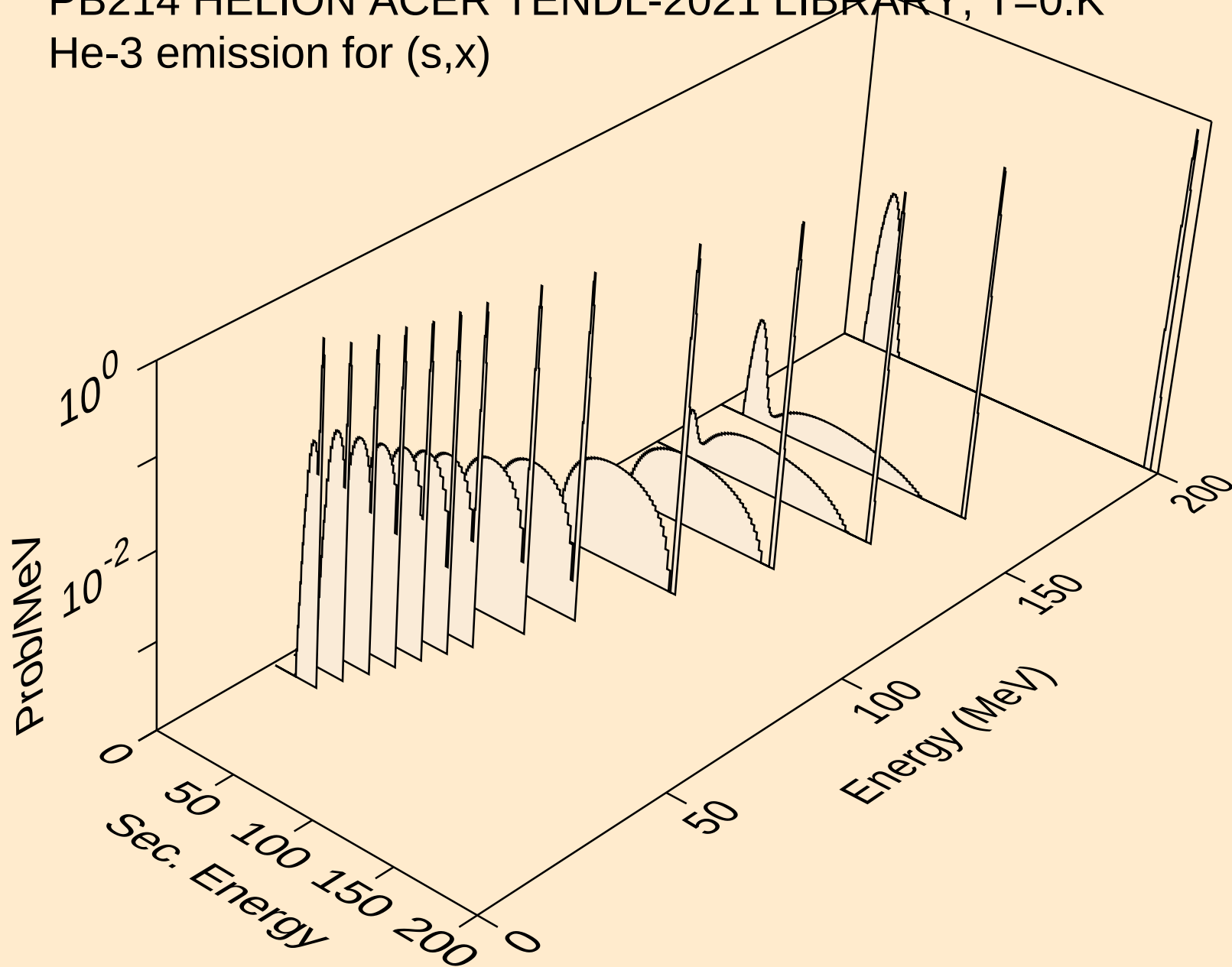
PB214 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



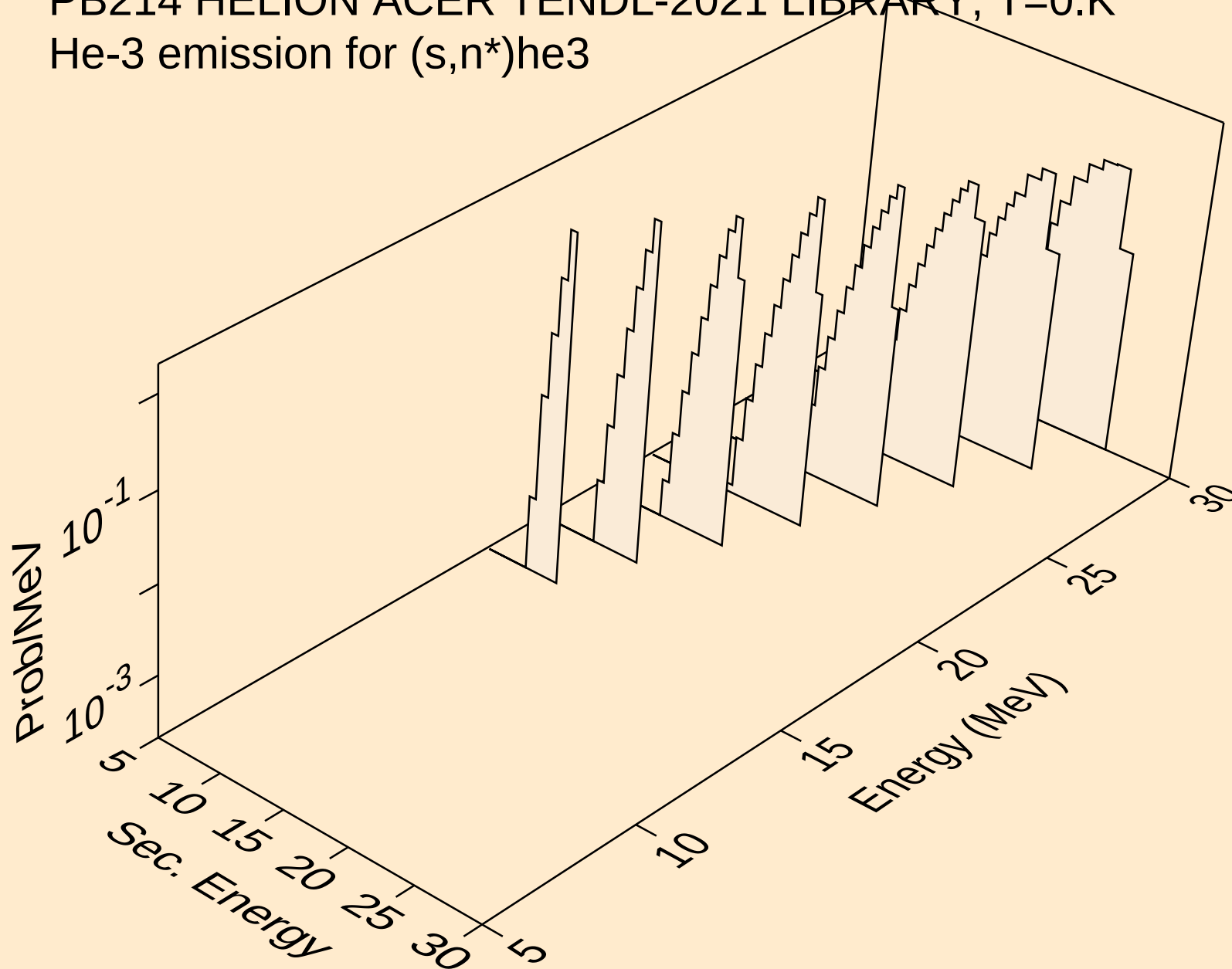
PB214 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



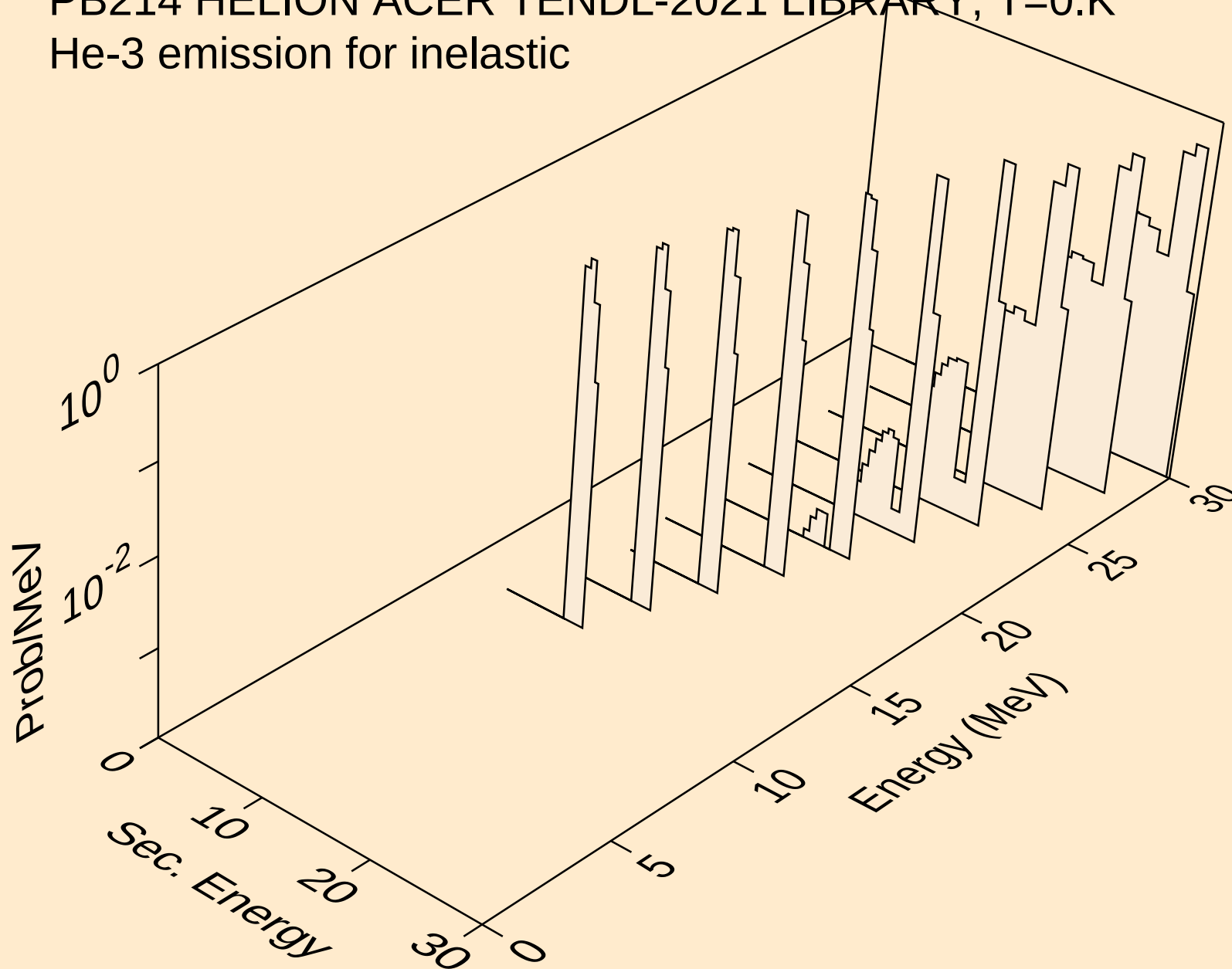
PB214 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,x)



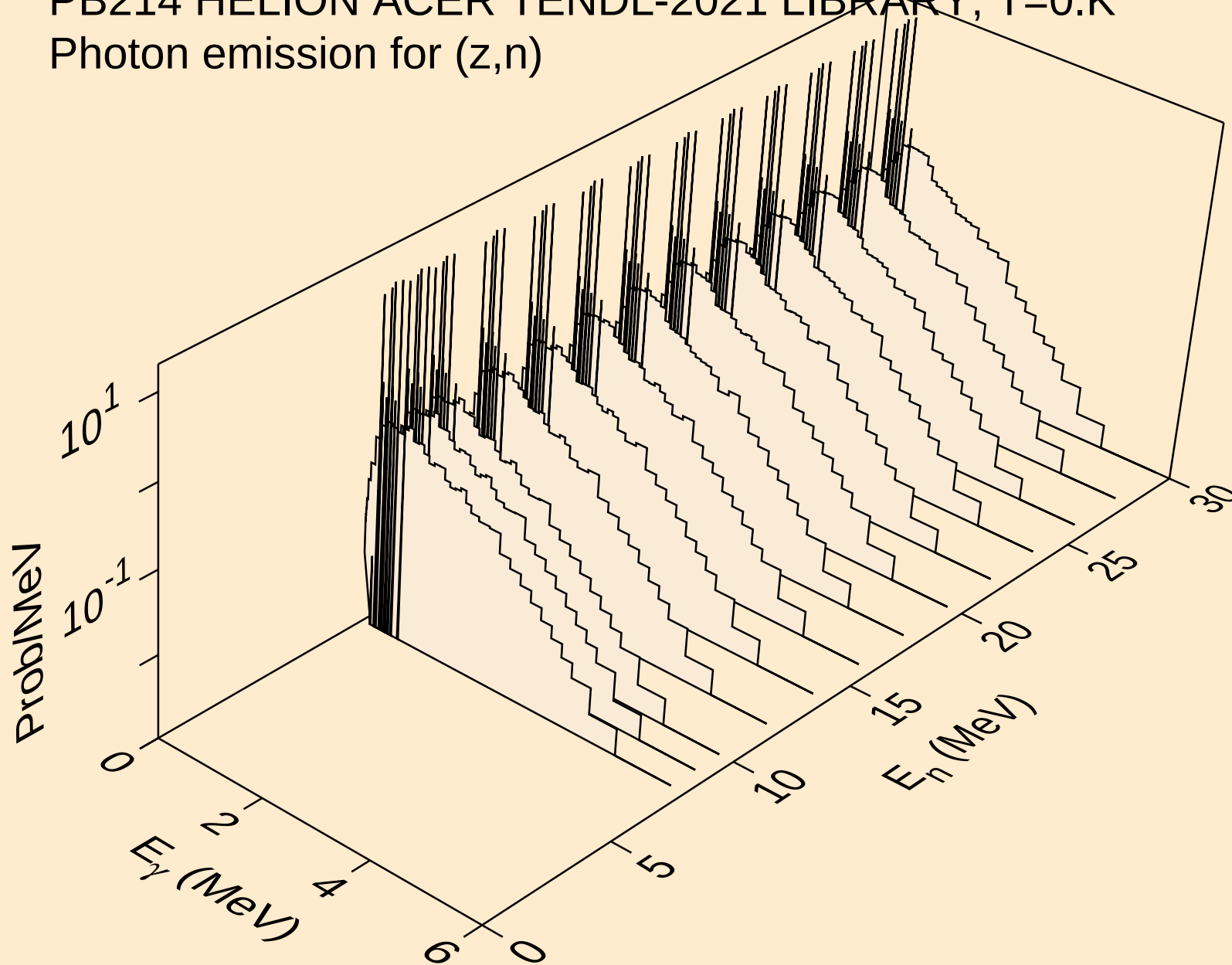
PB214 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3



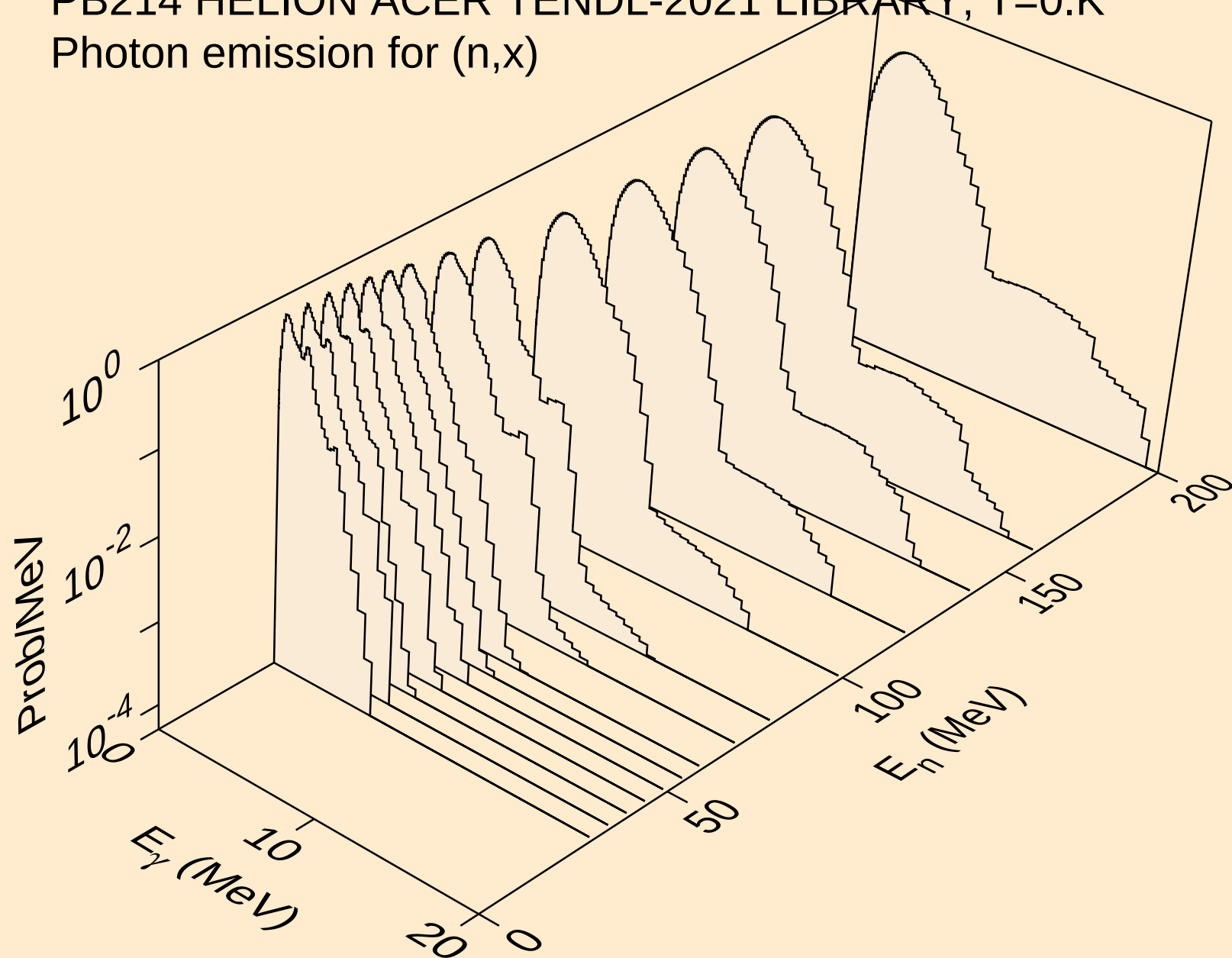
PB214 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for inelastic



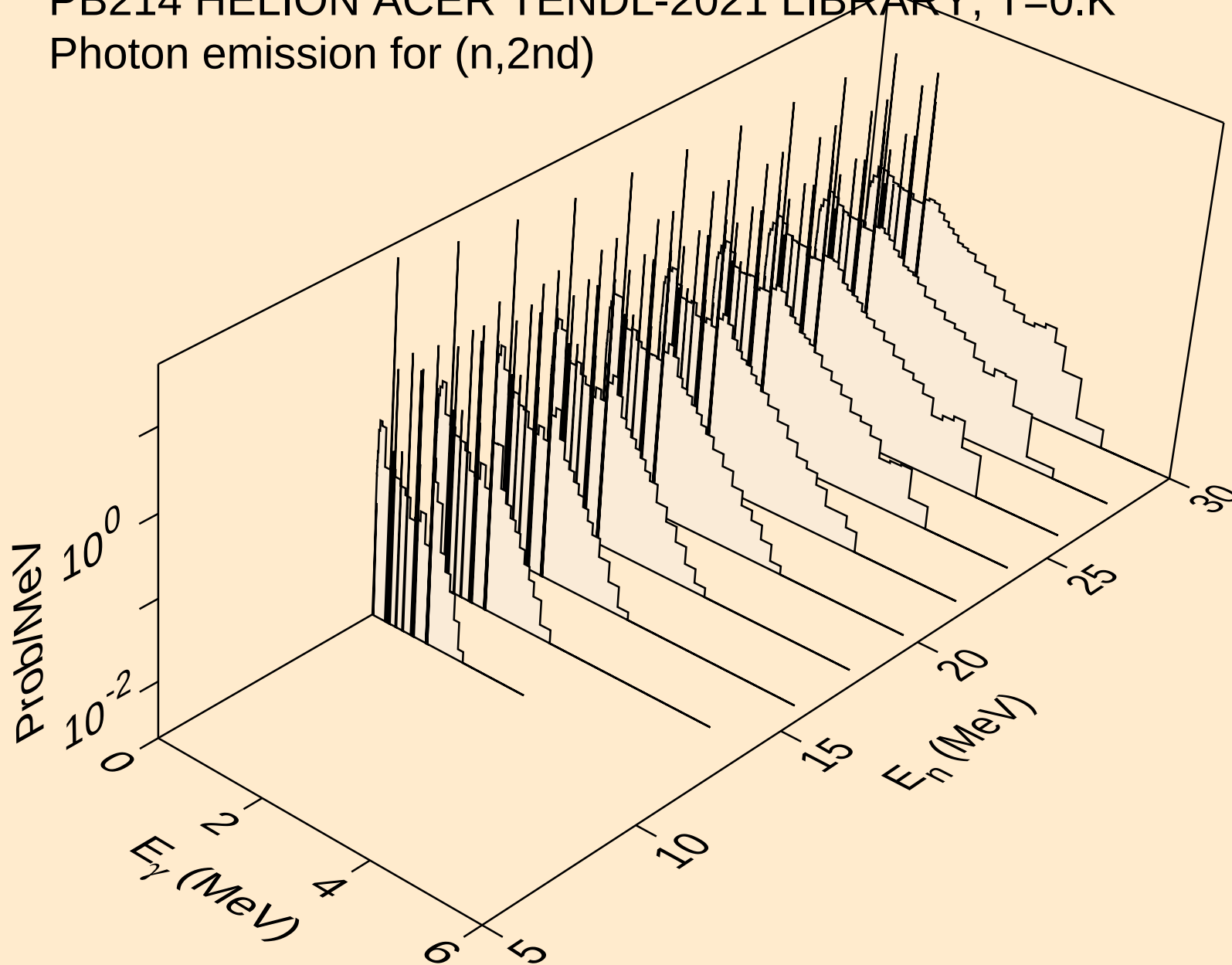
PB214 HELION ACER TENDL-2021 LIBRARY;  $T=0.K$   
Photon emission for (z,n)



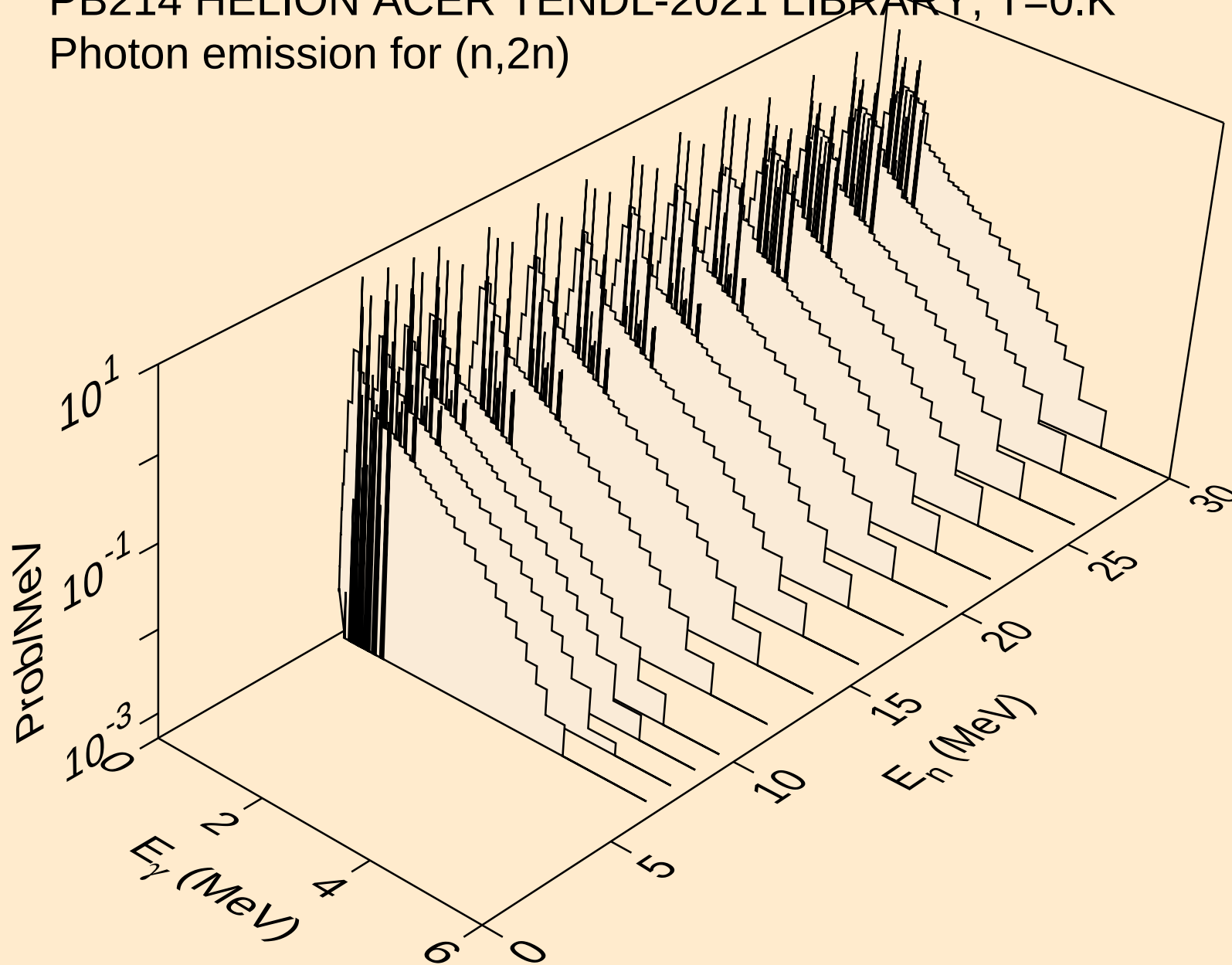
PB214 HELION ACER TENDL-2021 LIBRARY;  $T=0.K$   
Photon emission for (n,x)



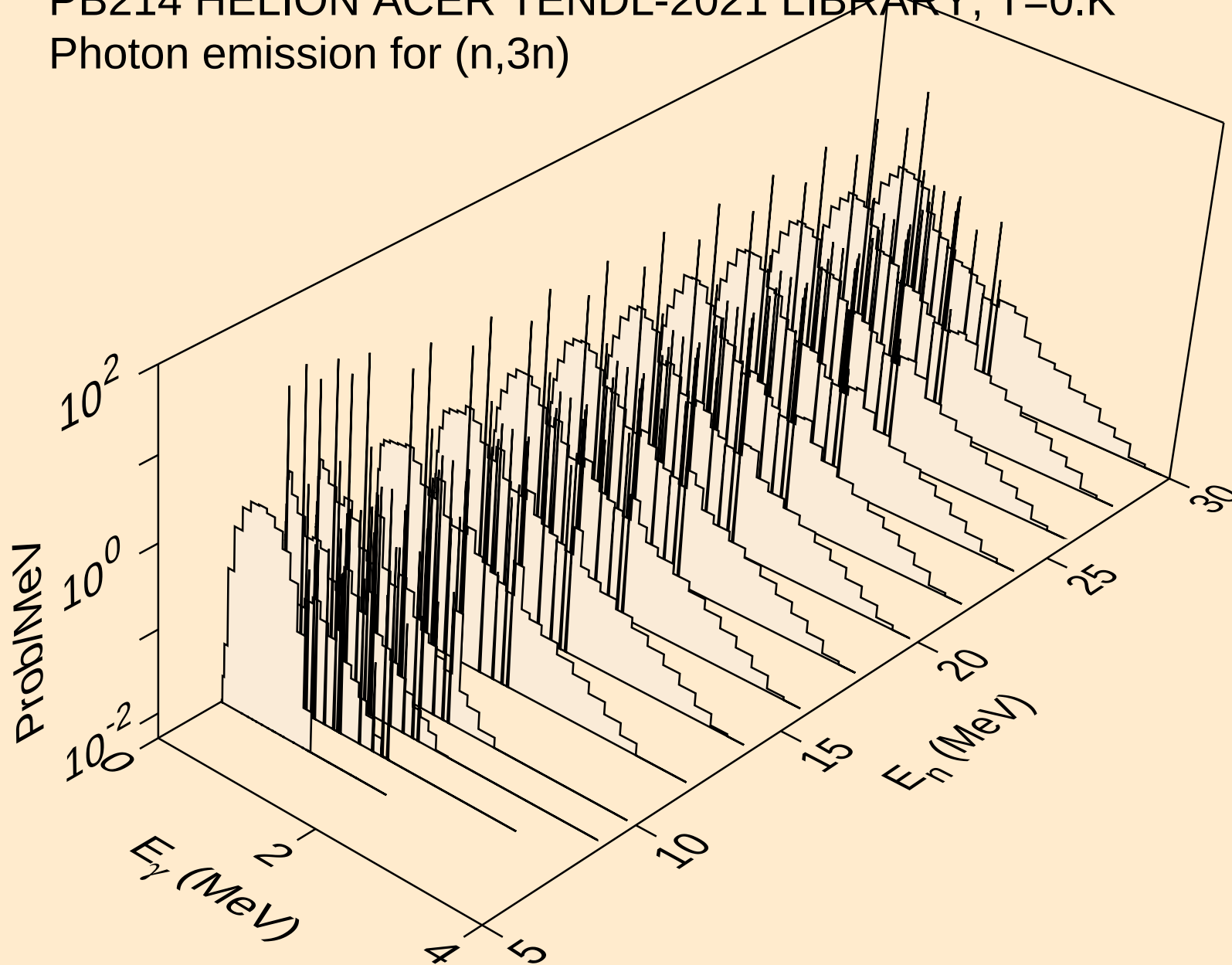
PB214 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)



PB214 HELION ACER TENDL-2021 LIBRARY;  $T=0.K$   
Photon emission for (n,2n)

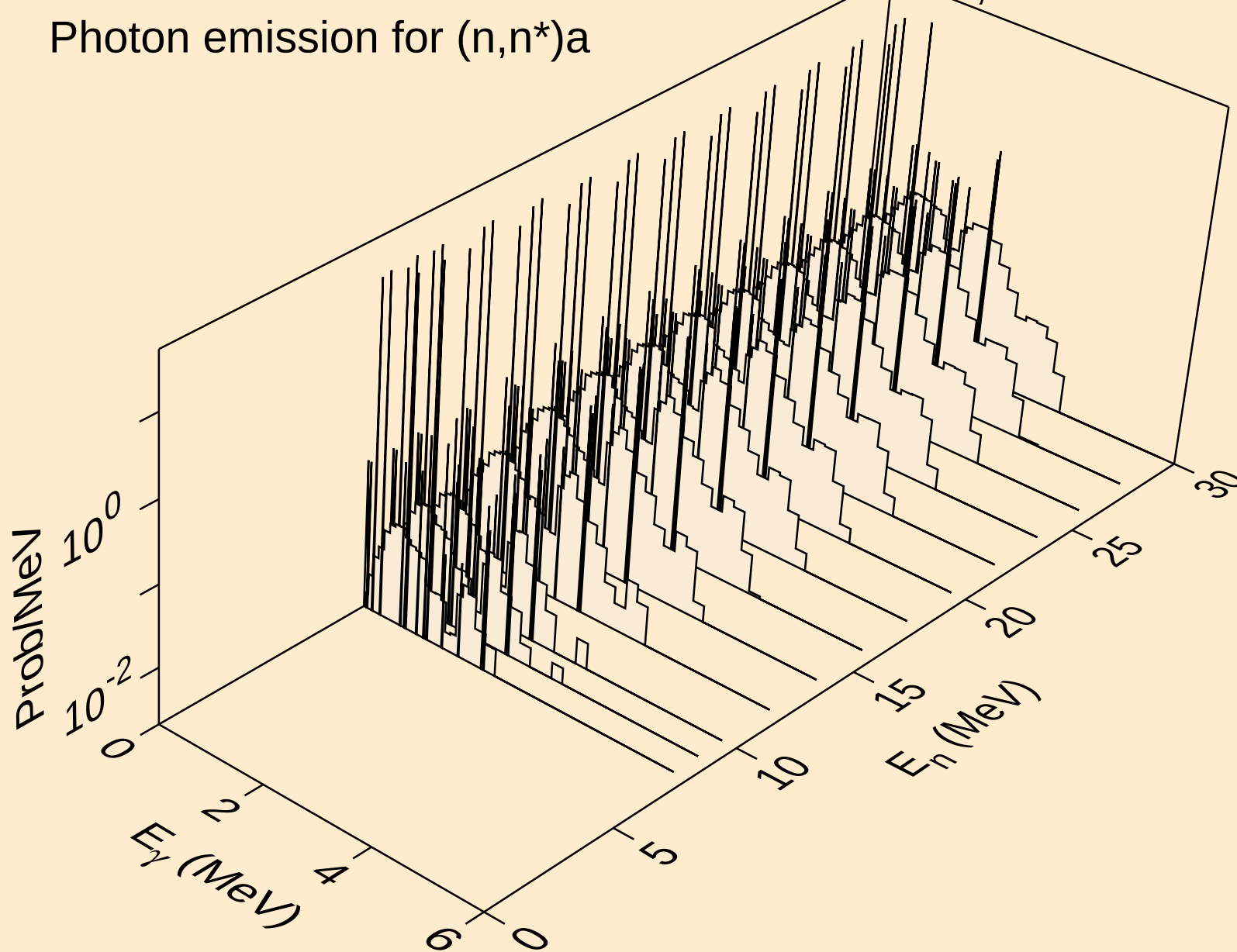


PB214 HELION ACER TENDL-2021 LIBRARY;  $T=0.K$   
Photon emission for (n,3n)

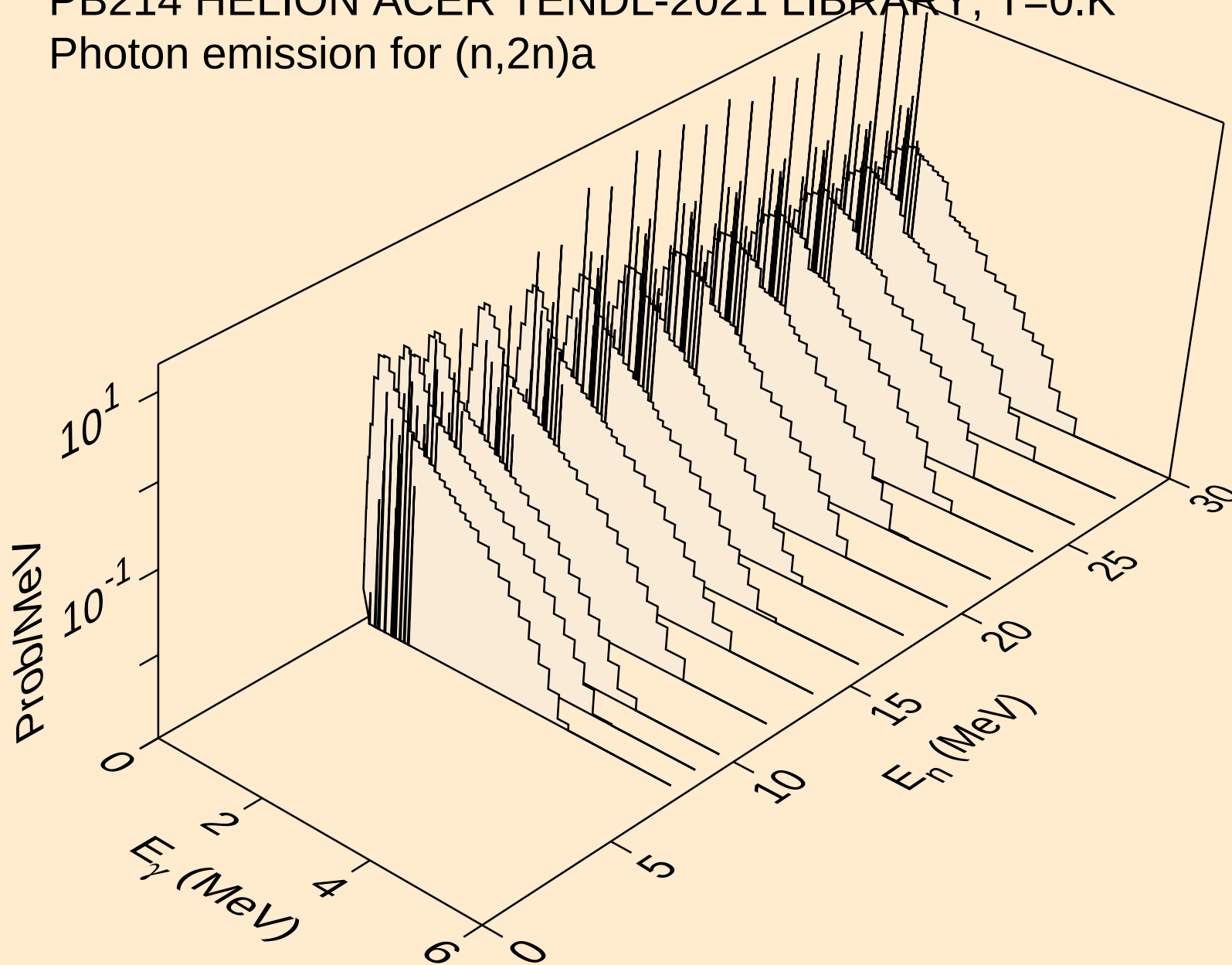


PB214 HELION ACER TENDL-2021 LIBRARY; T=0.K

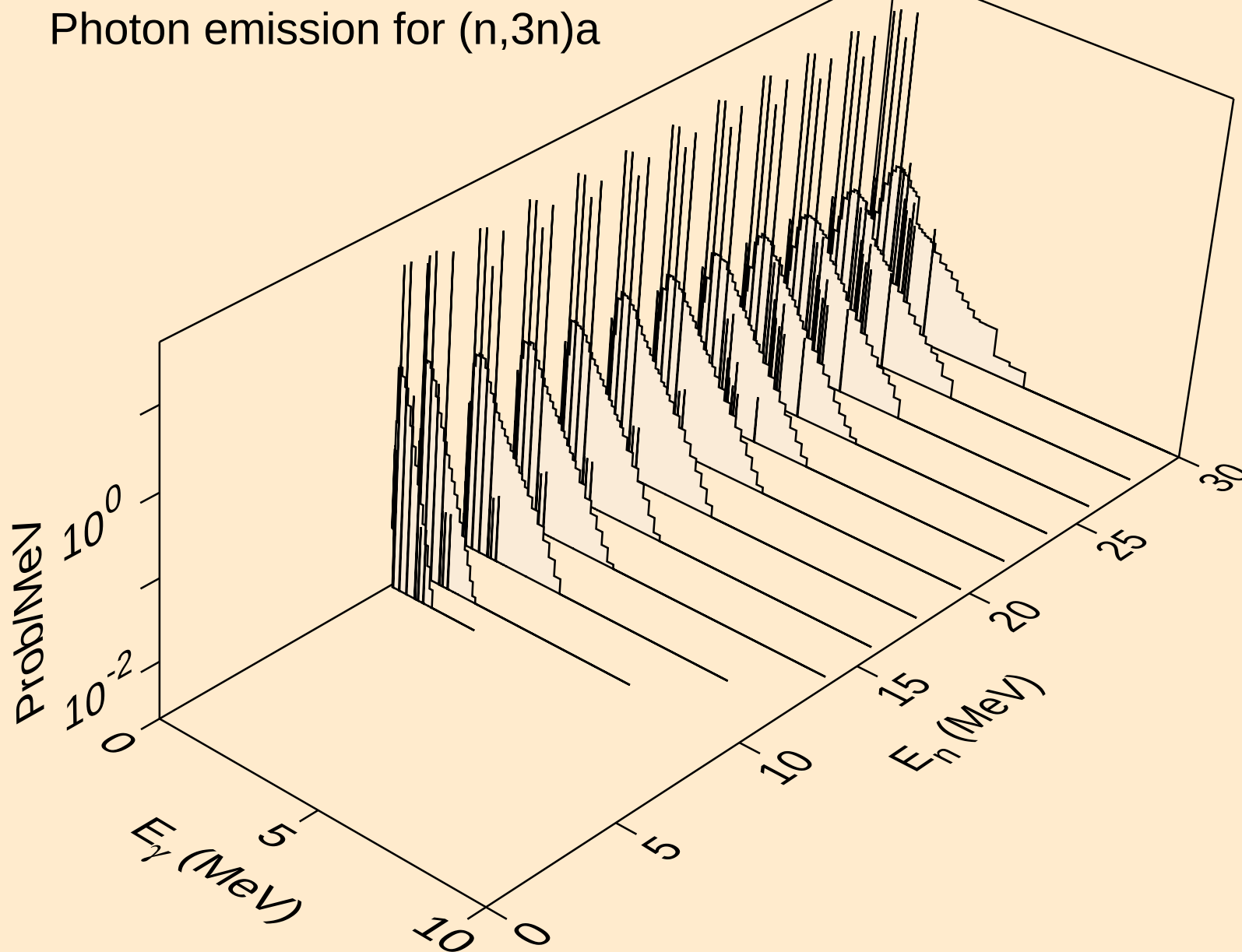
Photon emission for (n,n\*)a



PB214 HELION ACER TENDL-2021 LIBRARY;  $T=0.K$   
Photon emission for (n,2n) $\alpha$

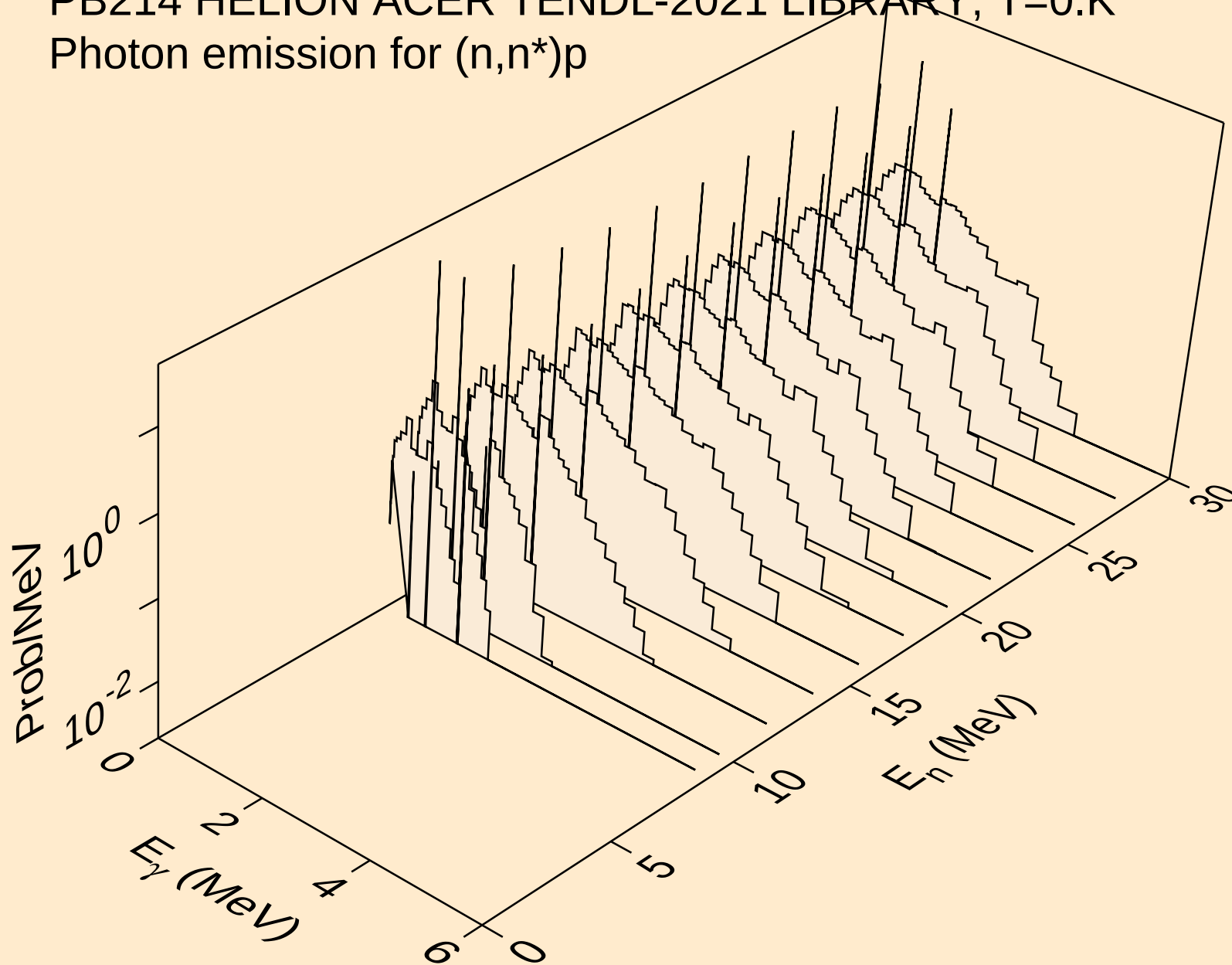


PB214 HELION ACER TENDL-2021 LIBRARY;  $T=0.K$   
Photon emission for  $(n,3n)\alpha$



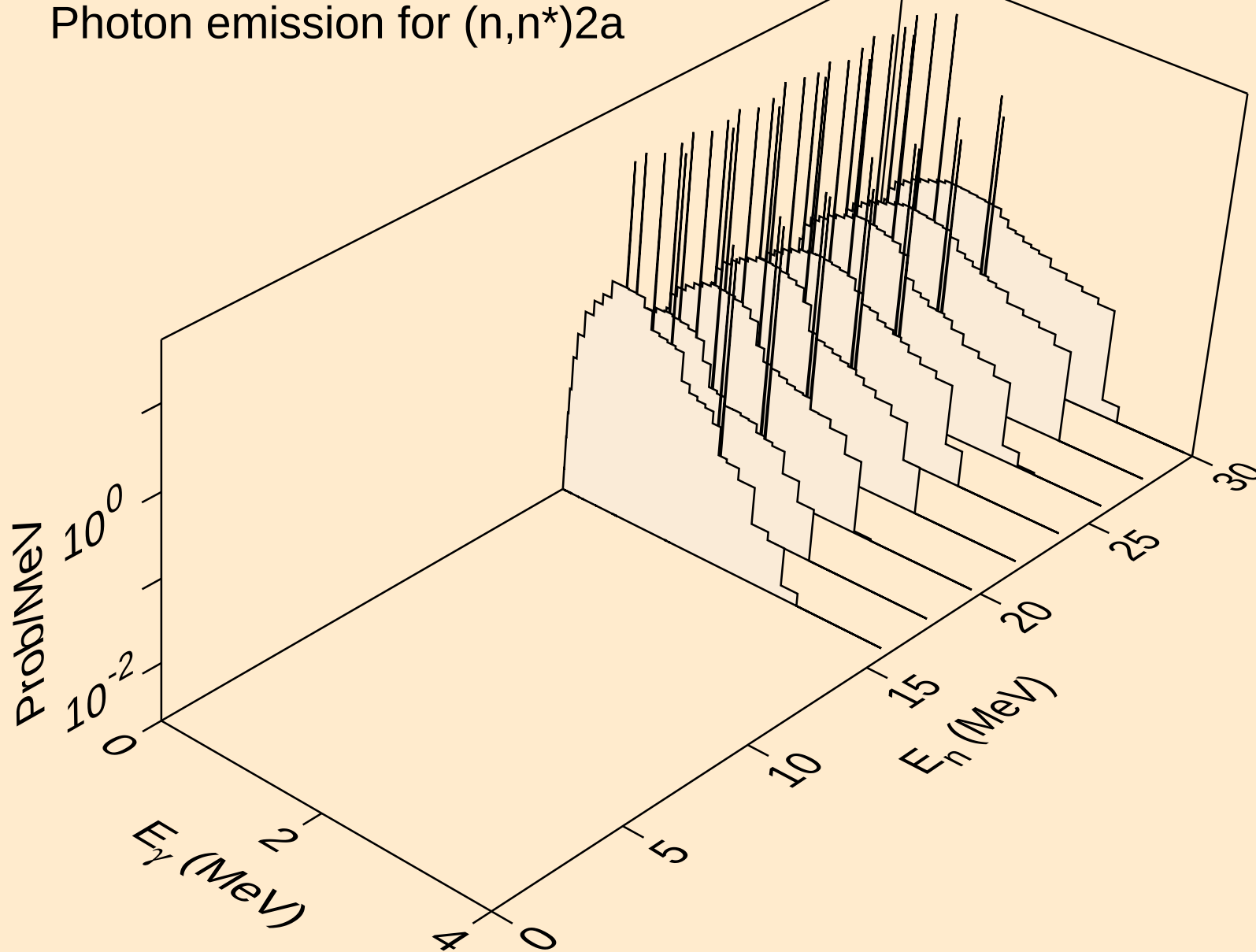
PB214 HELION ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,n\*)p

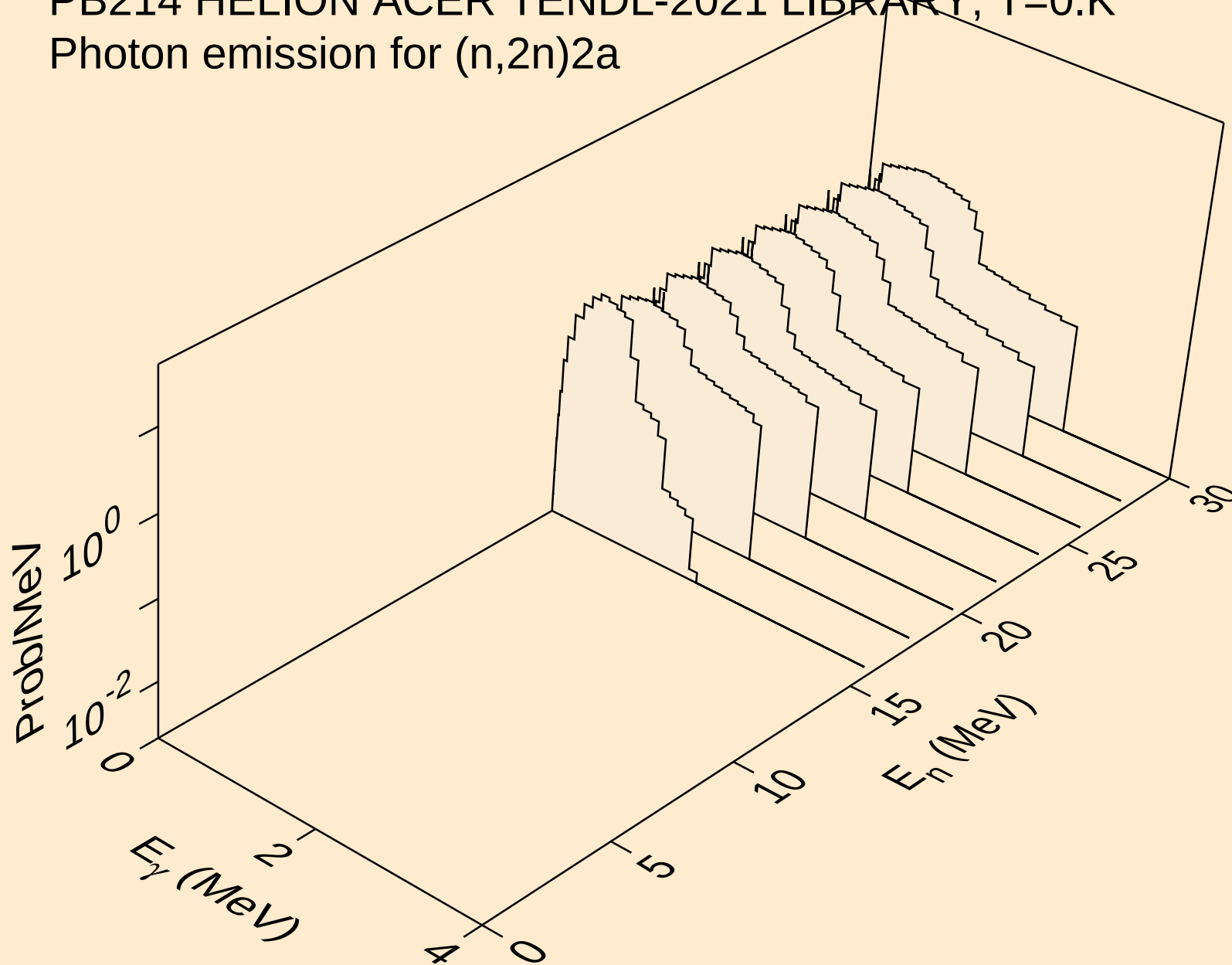


PB214 HELION ACER TENDL-2021 LIBRARY; T=0.K

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

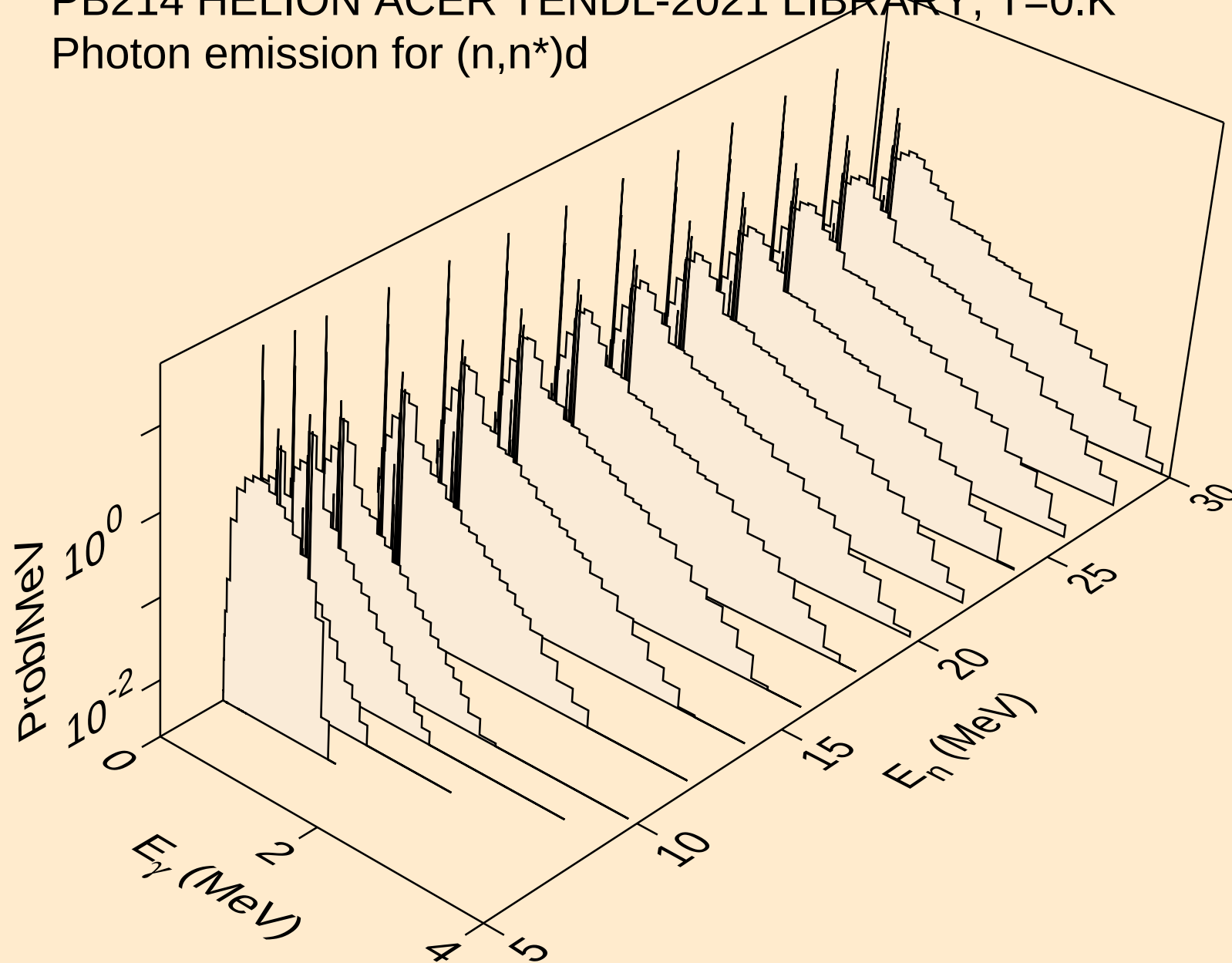


PB214 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)2a

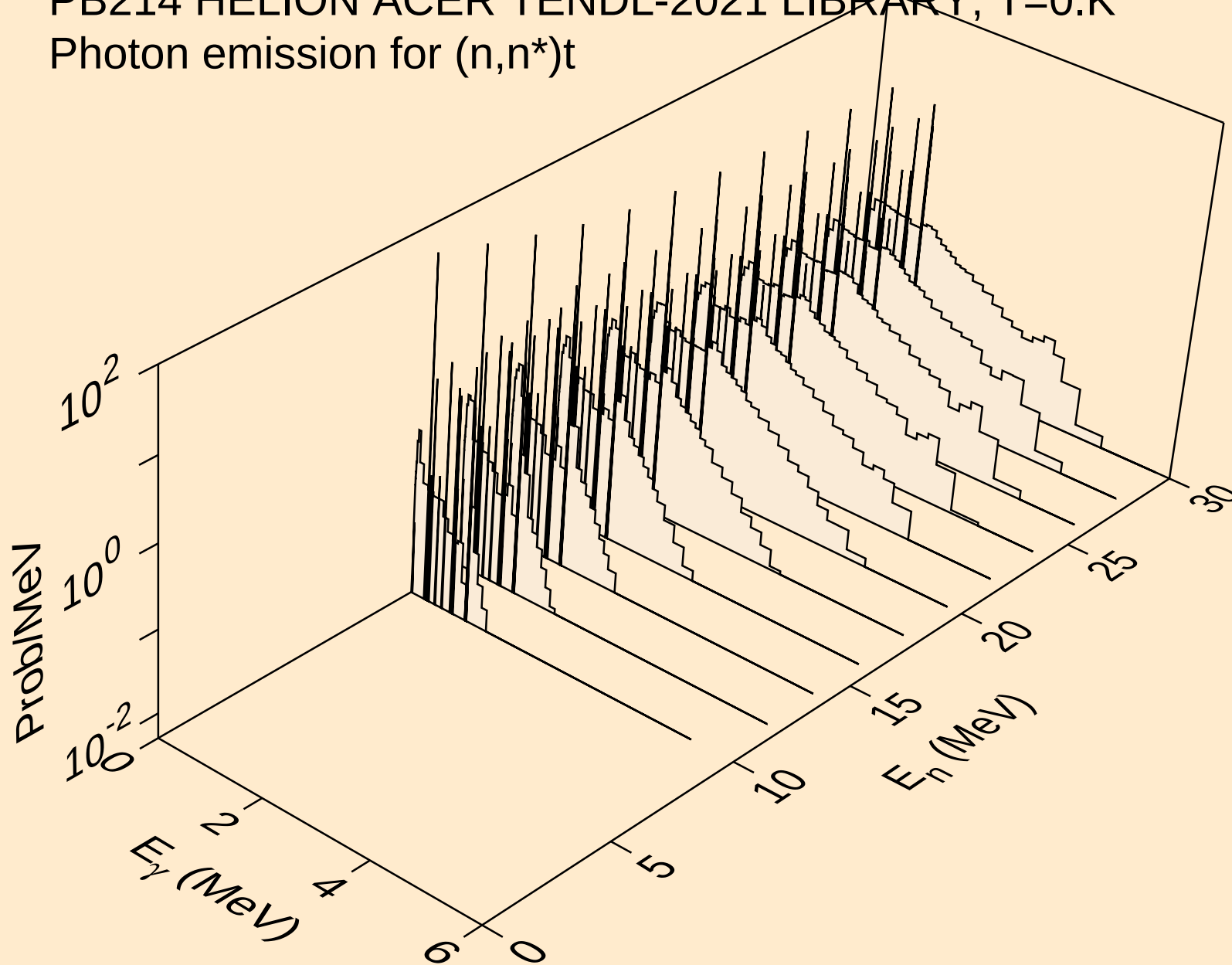


PB214 HELION ACER TENDL-2021 LIBRARY; T=0.K

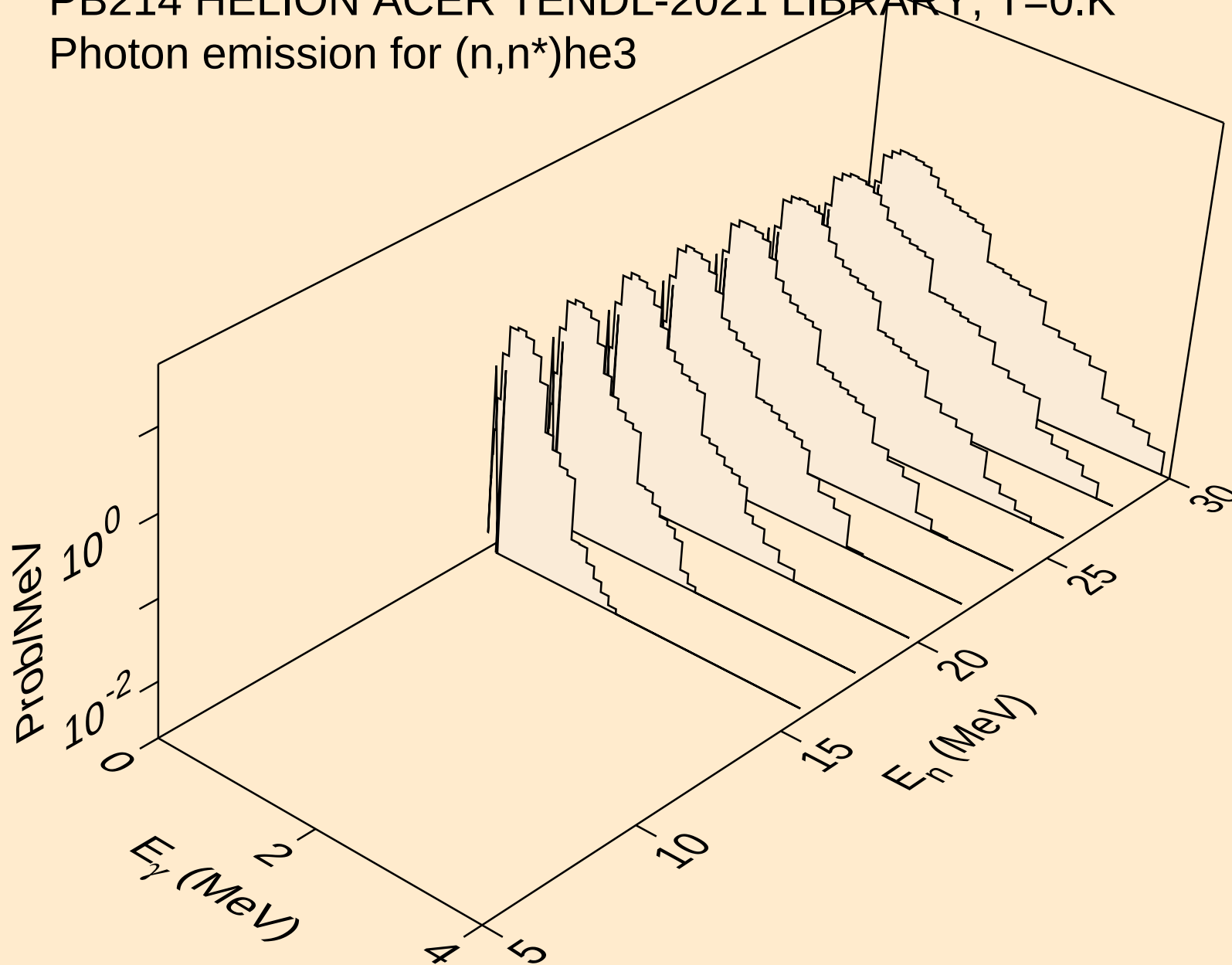
Photon emission for (n,n\*)d



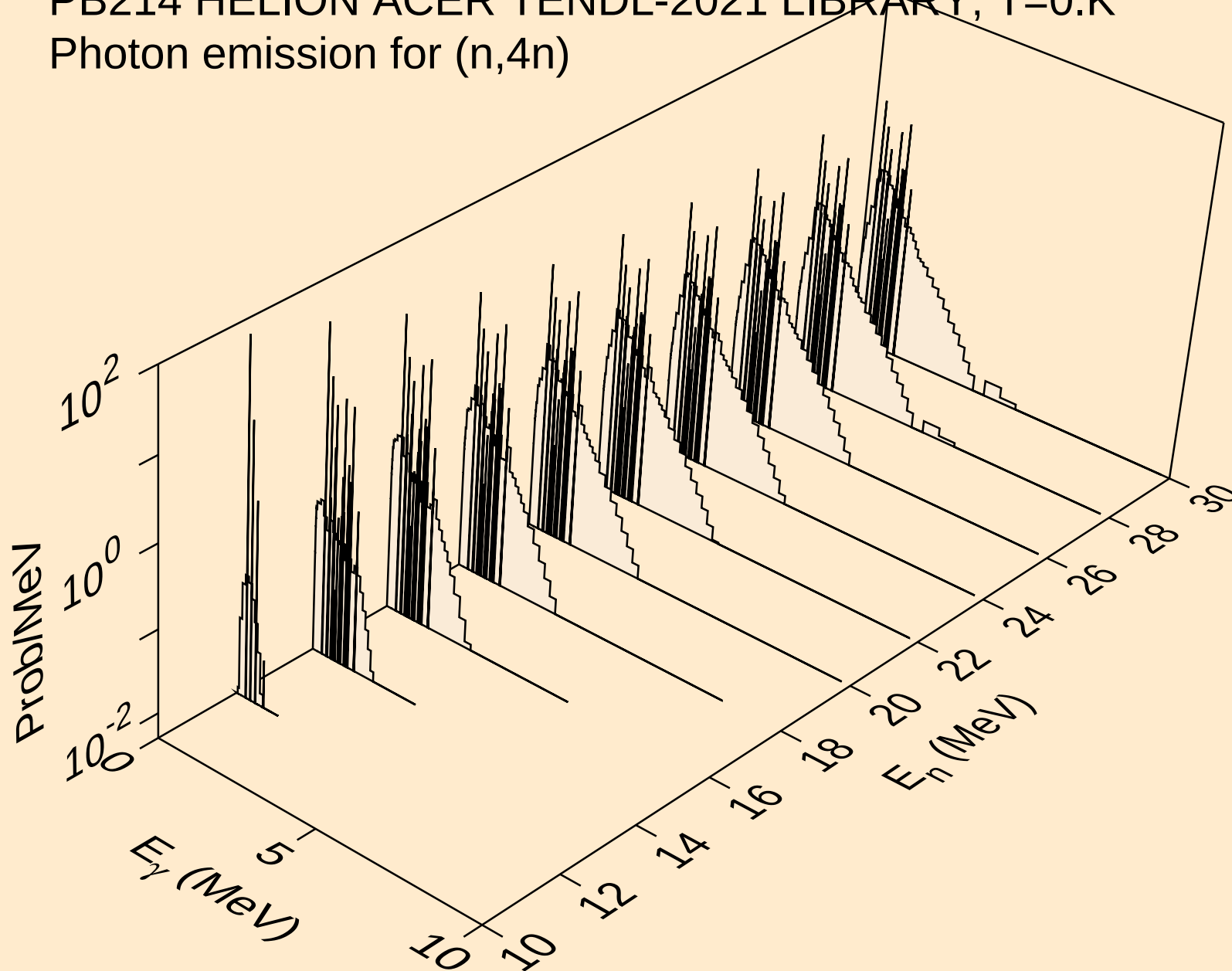
PB214 HELION ACER TENDL-2021 LIBRARY;  $T=0.K$   
Photon emission for  $(n,n^*)t$



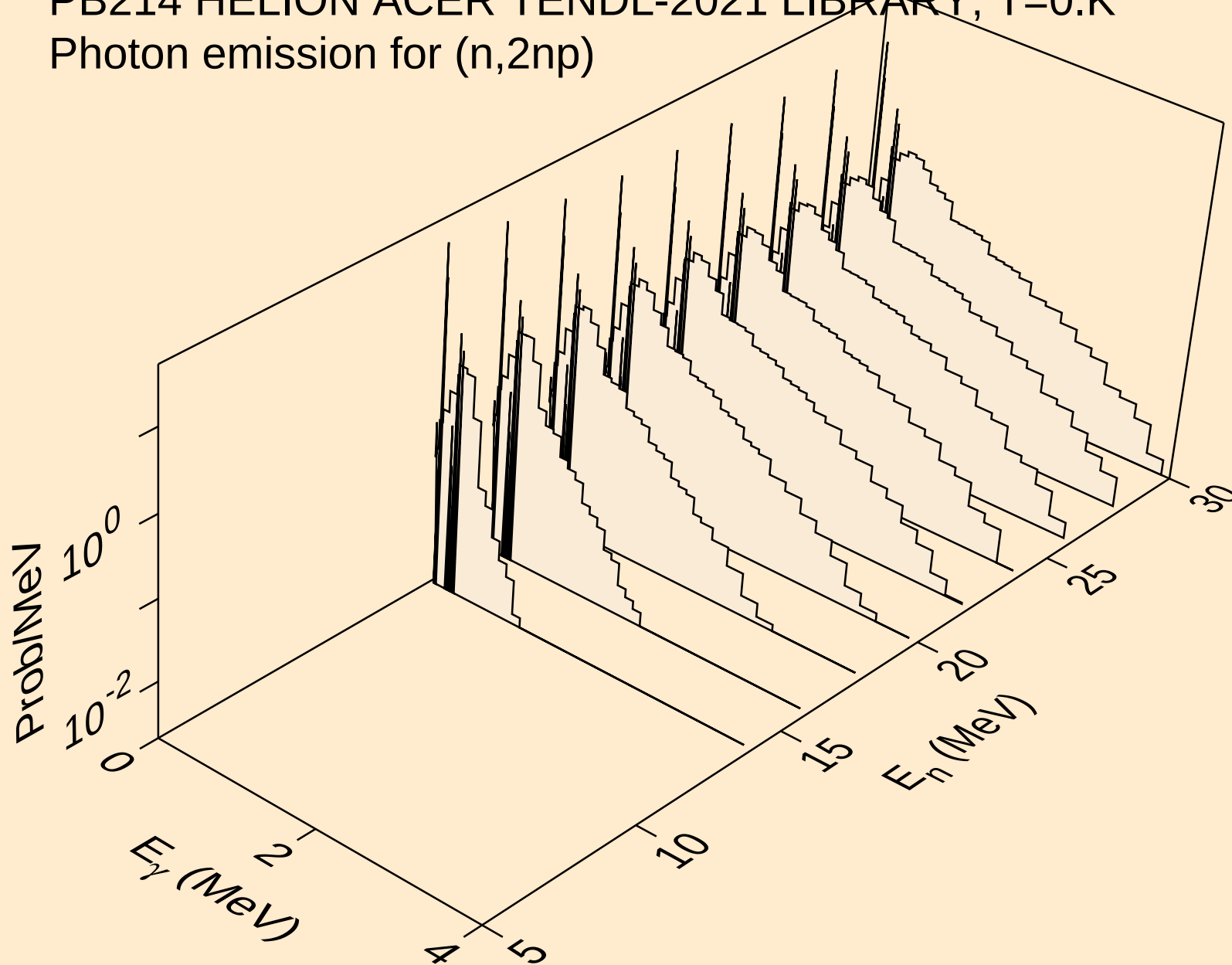
PB214 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



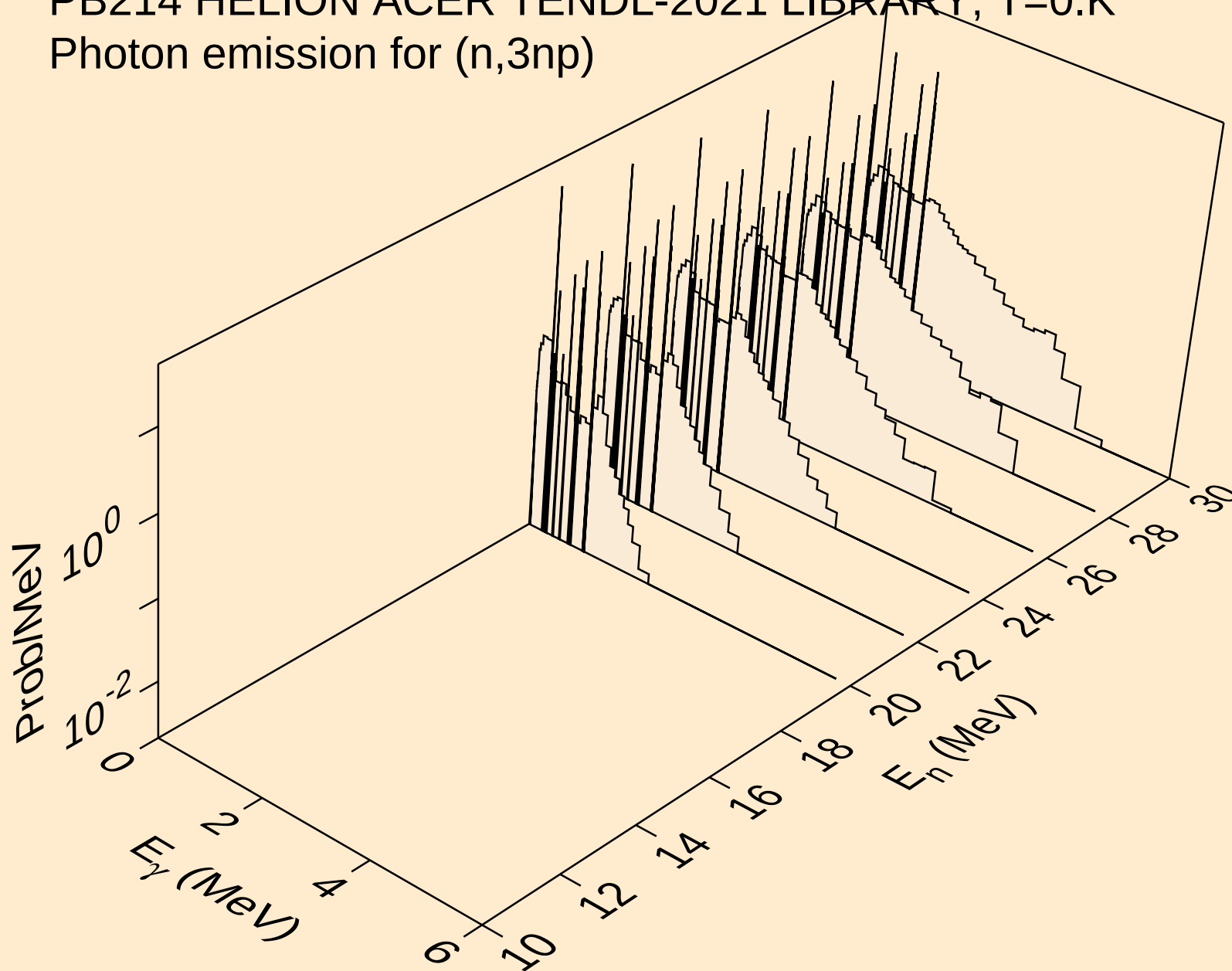
PB214 HELION ACER TENDL-2021 LIBRARY;  $T=0.K$   
Photon emission for (n,4n)



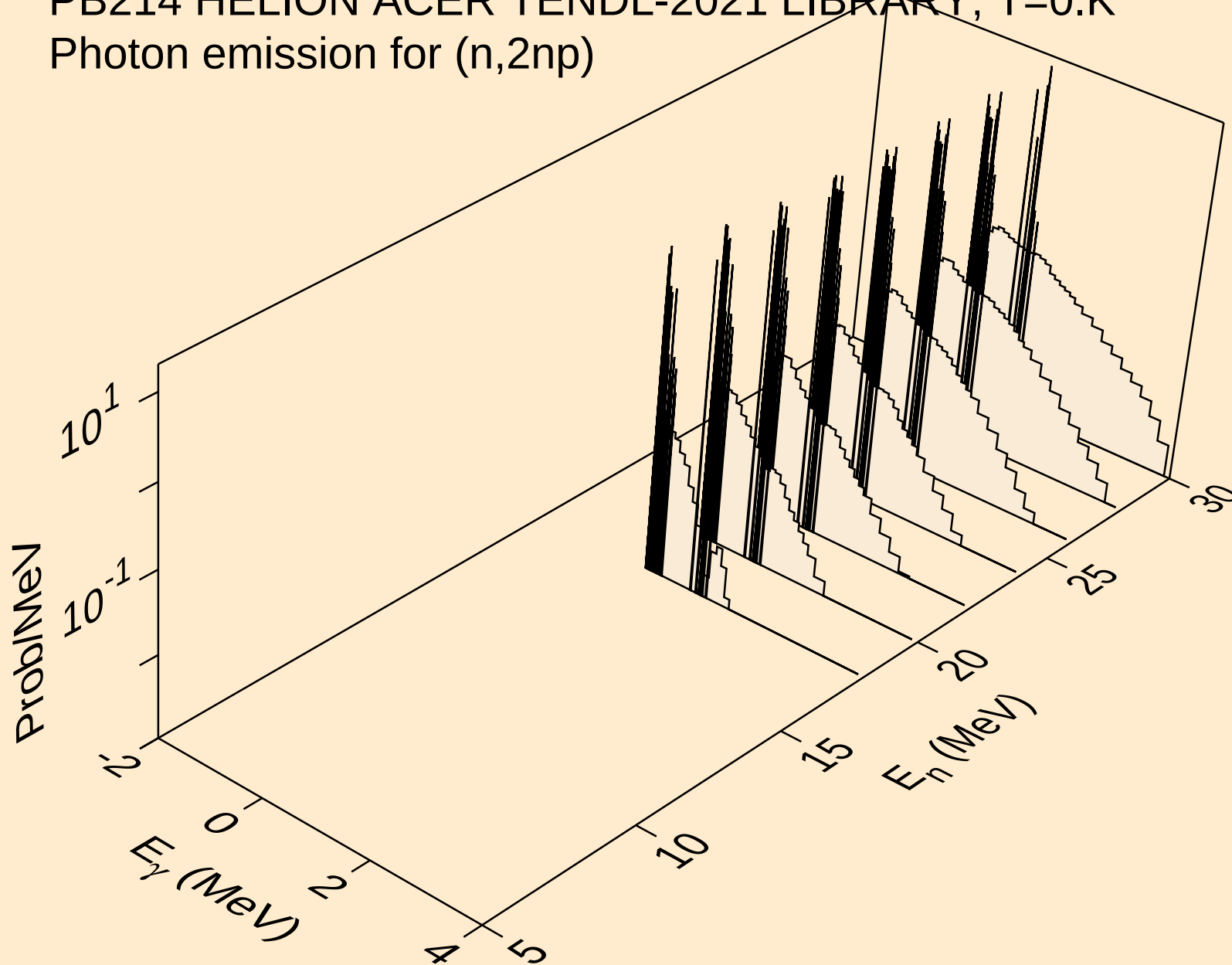
PB214 HELION ACER TENDL-2021 LIBRARY;  $T=0.K$   
Photon emission for (n,2np)



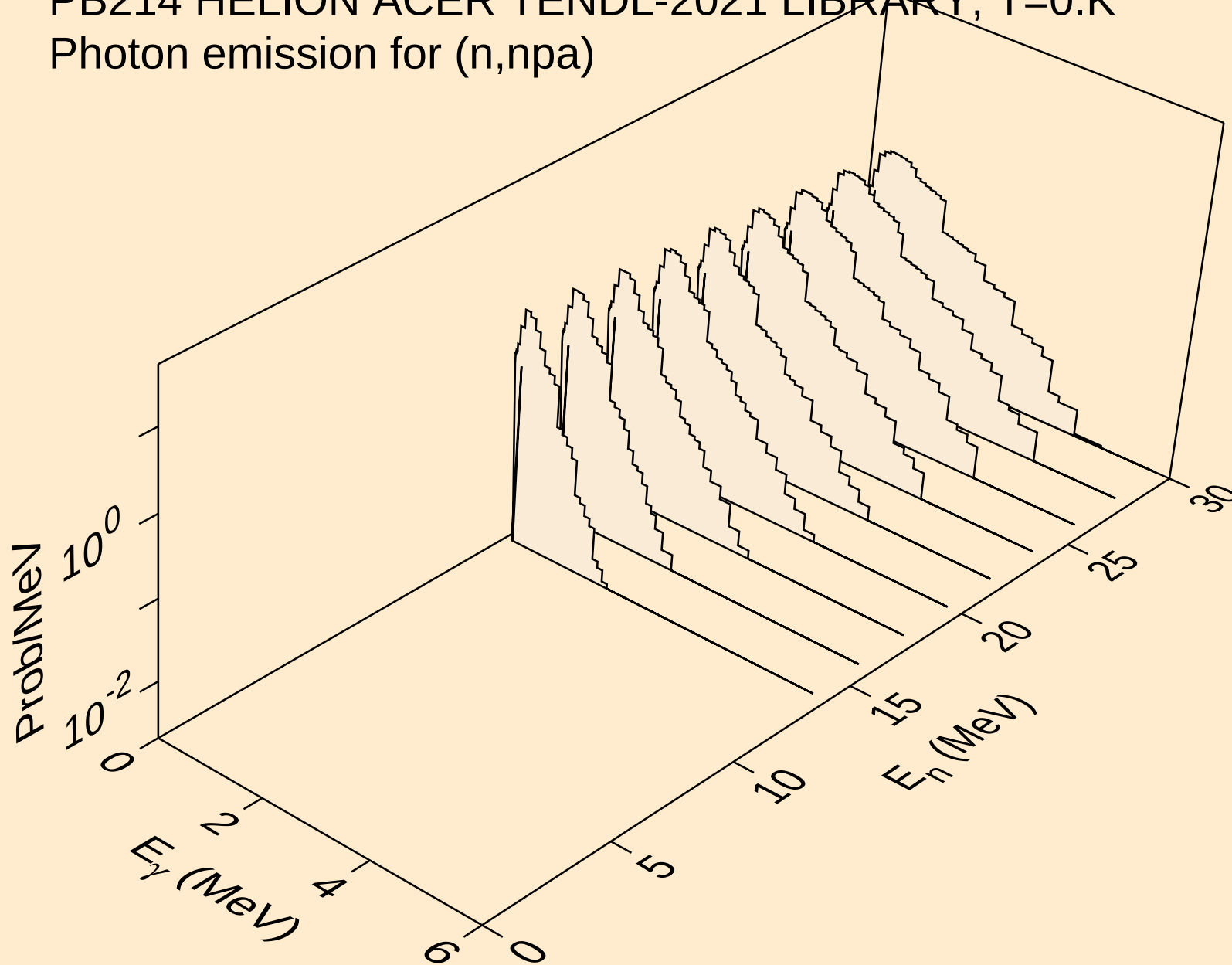
PB214 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3np)



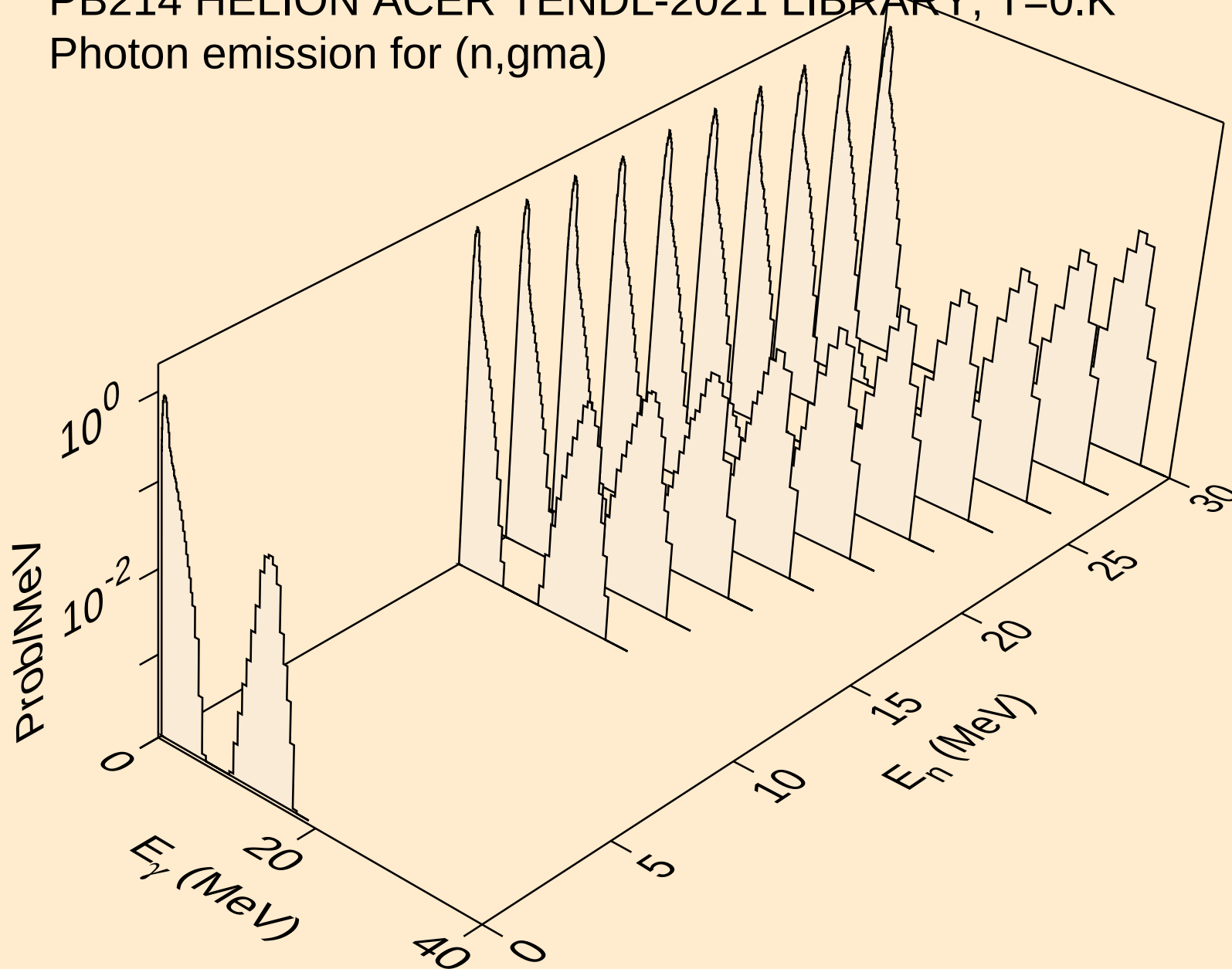
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Photon emission for (n,2np)



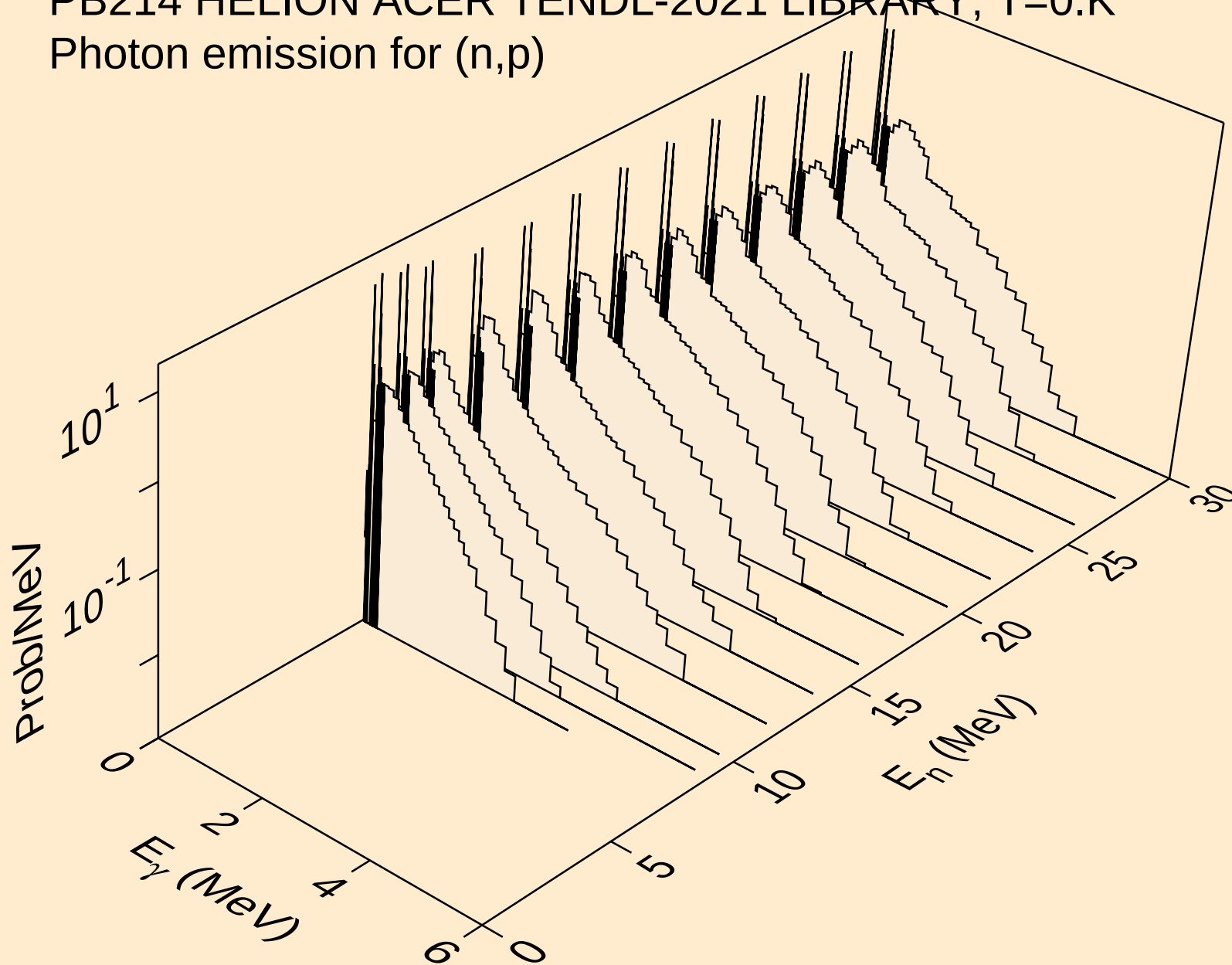
PB214 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,npa)



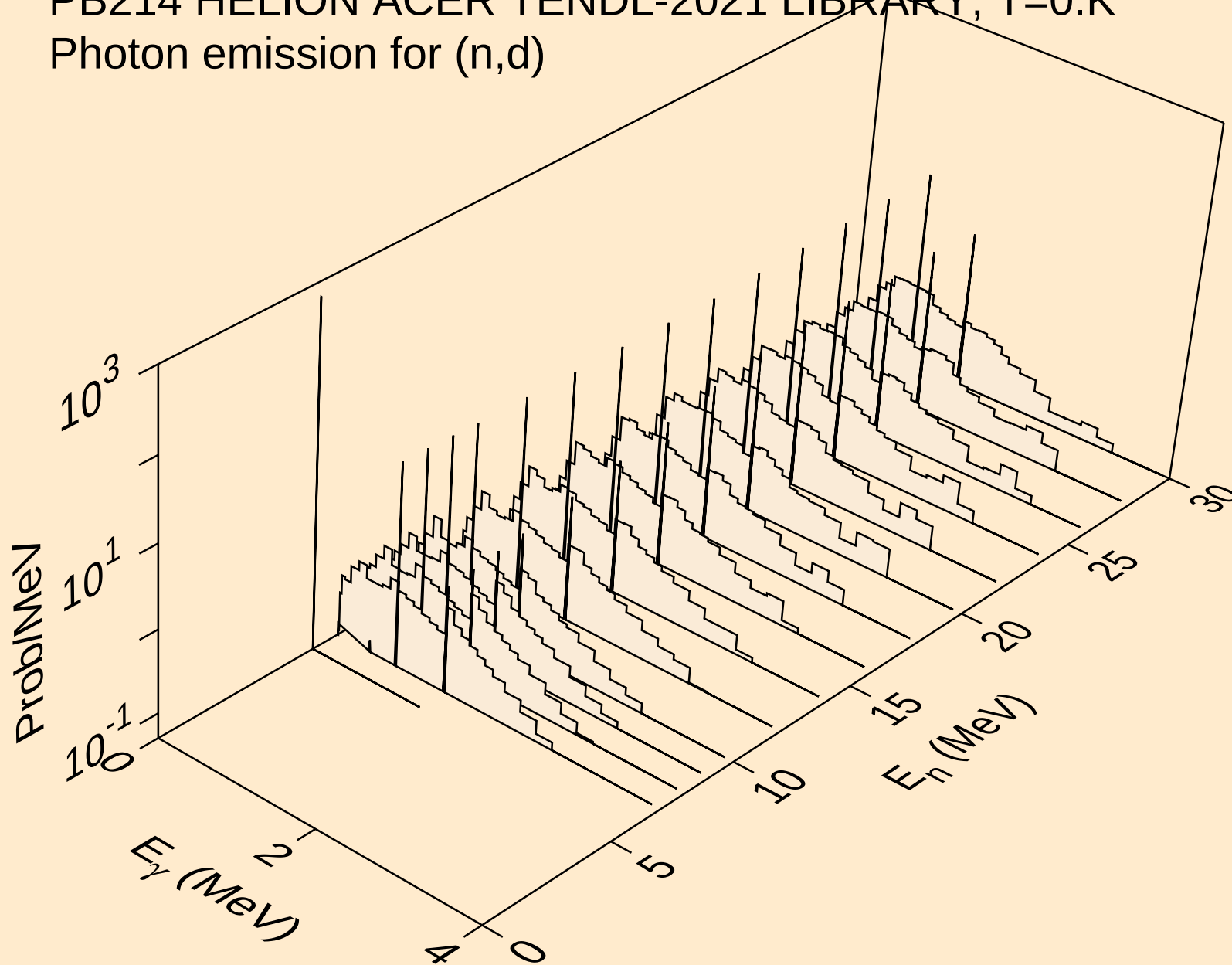
PB214 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,gma)



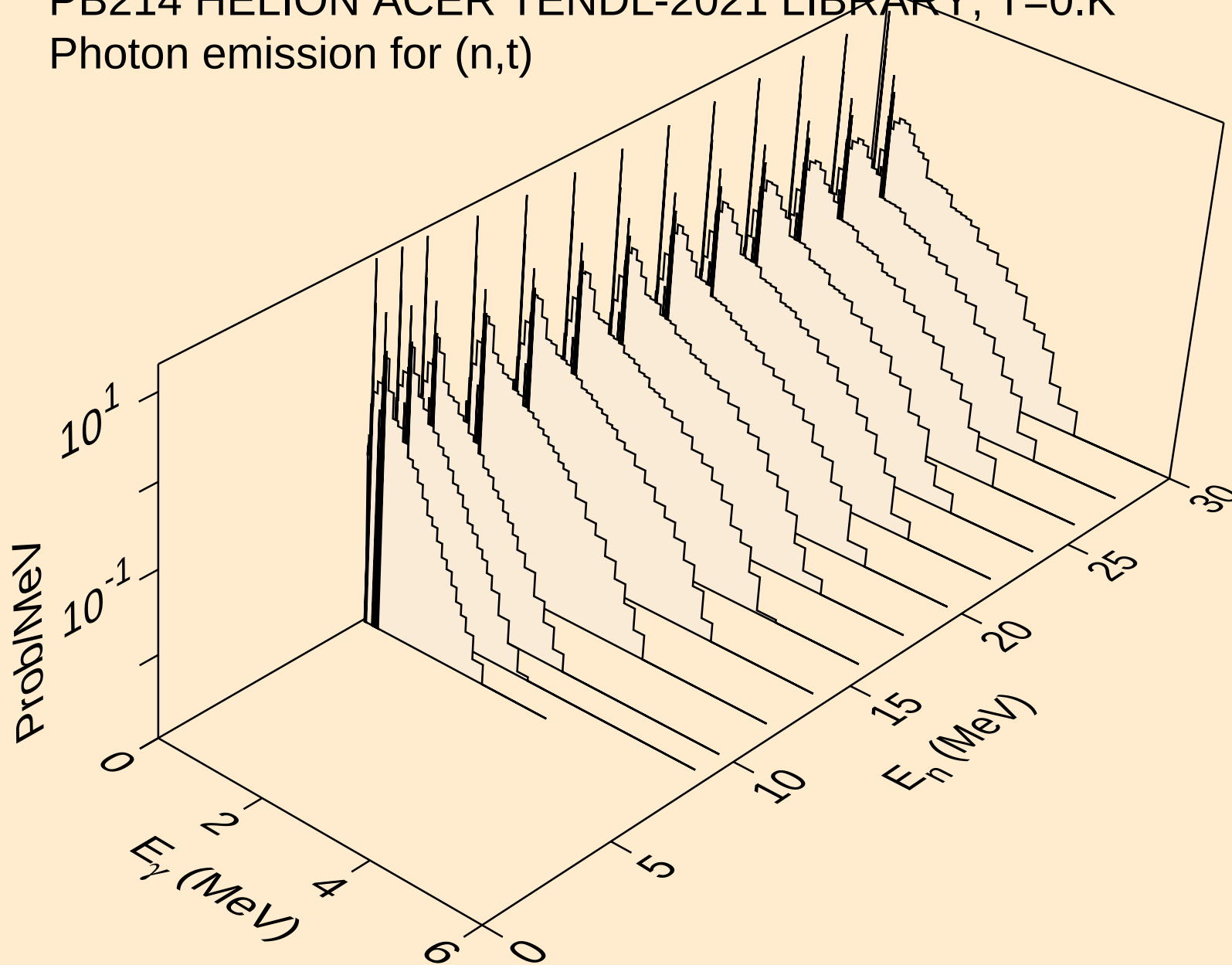
PB214 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p)



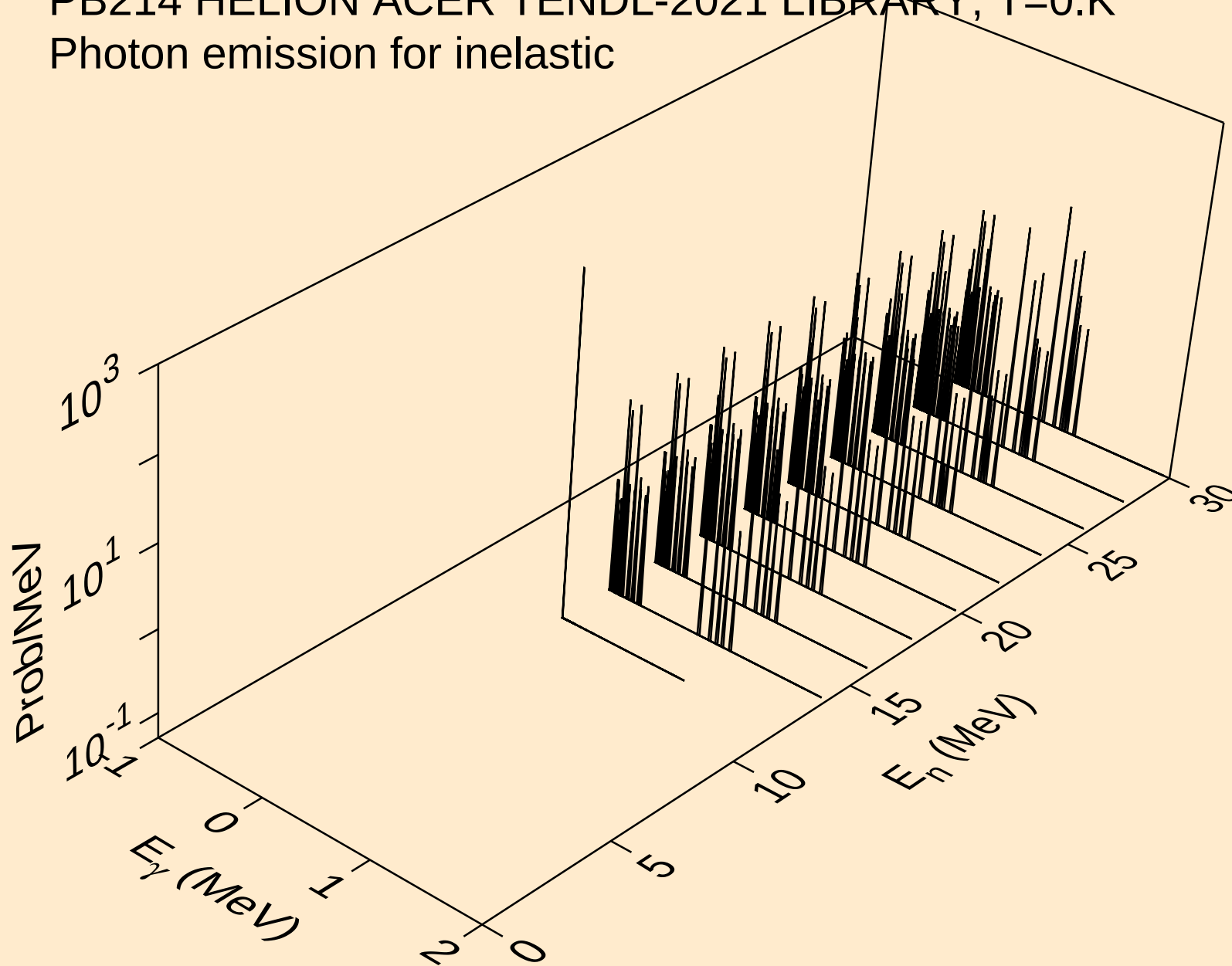
PB214 HELION ACER TENDL-2021 LIBRARY;  $T=0.K$   
Photon emission for (n,d)



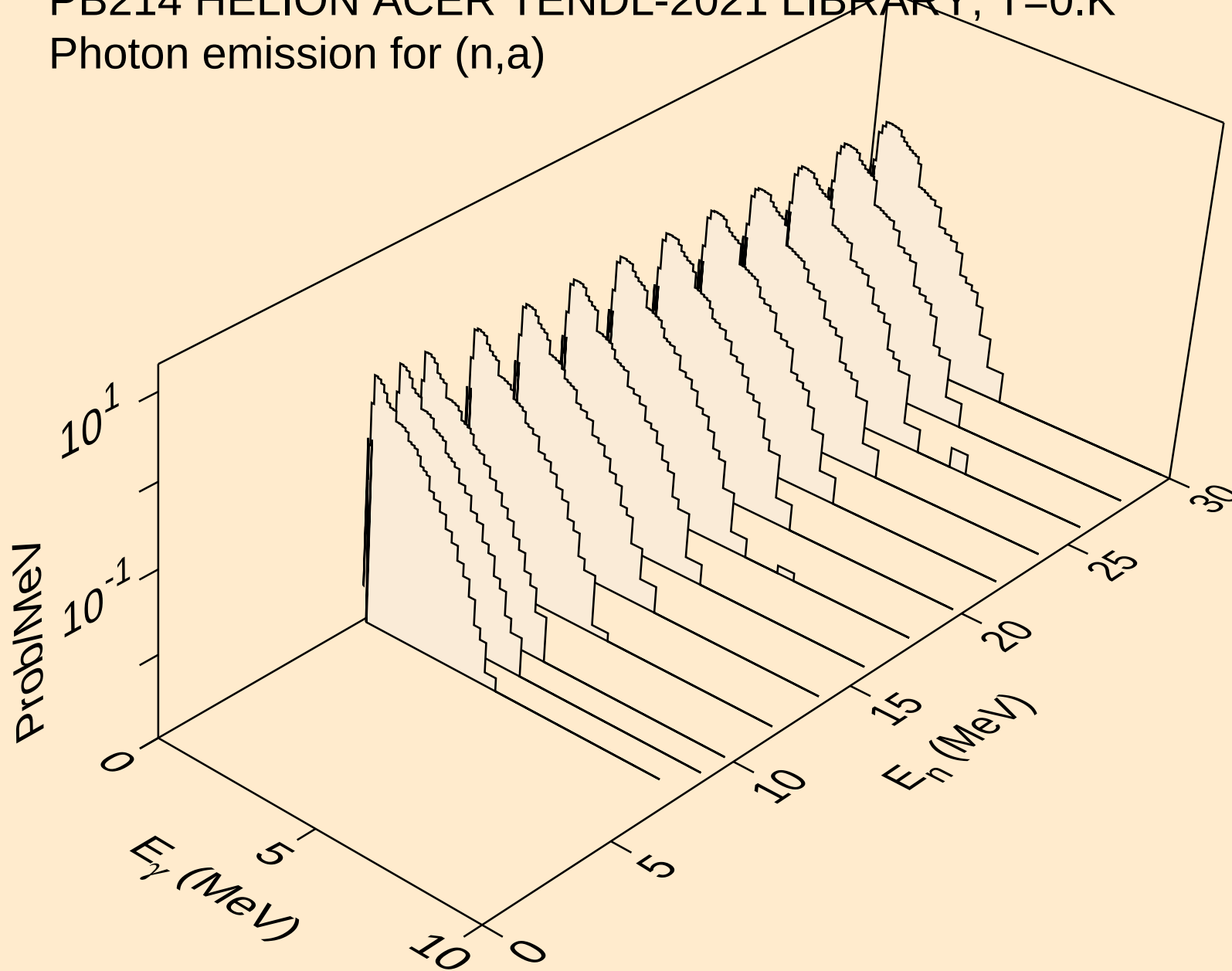
PB214 HELION ACER TENDL-2021 LIBRARY;  $T=0.K$   
Photon emission for (n,t)



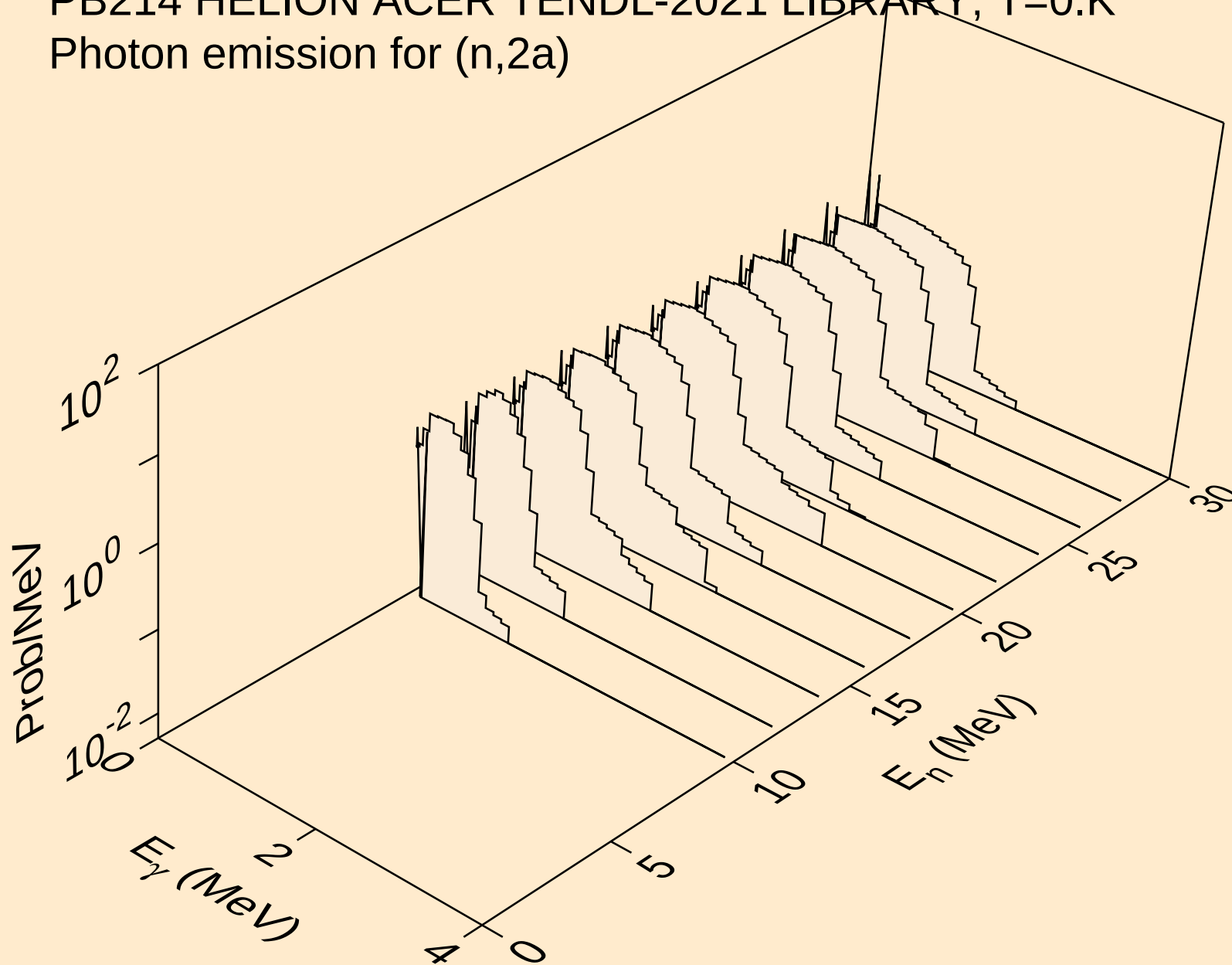
PB214 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



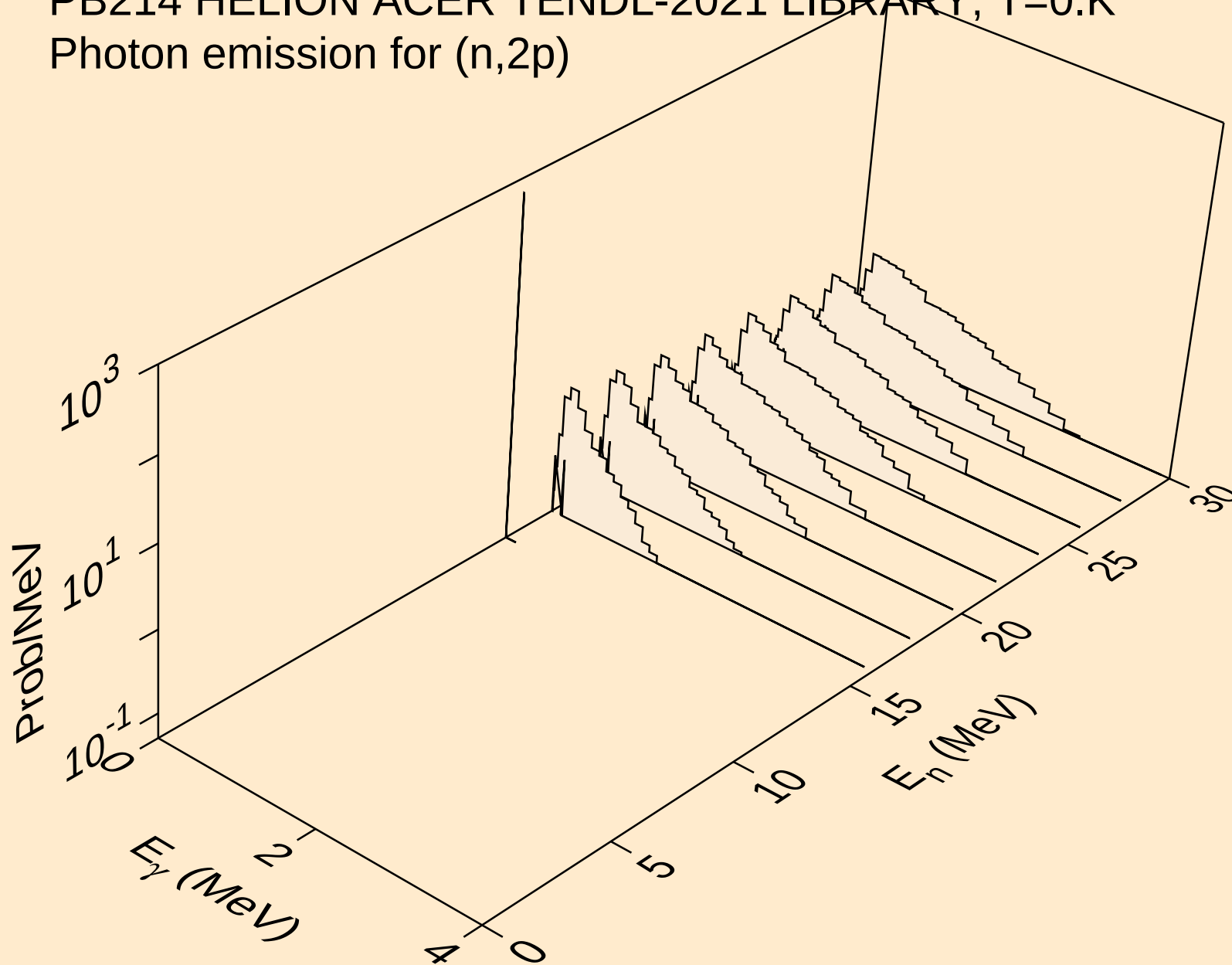
PB214 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,a)



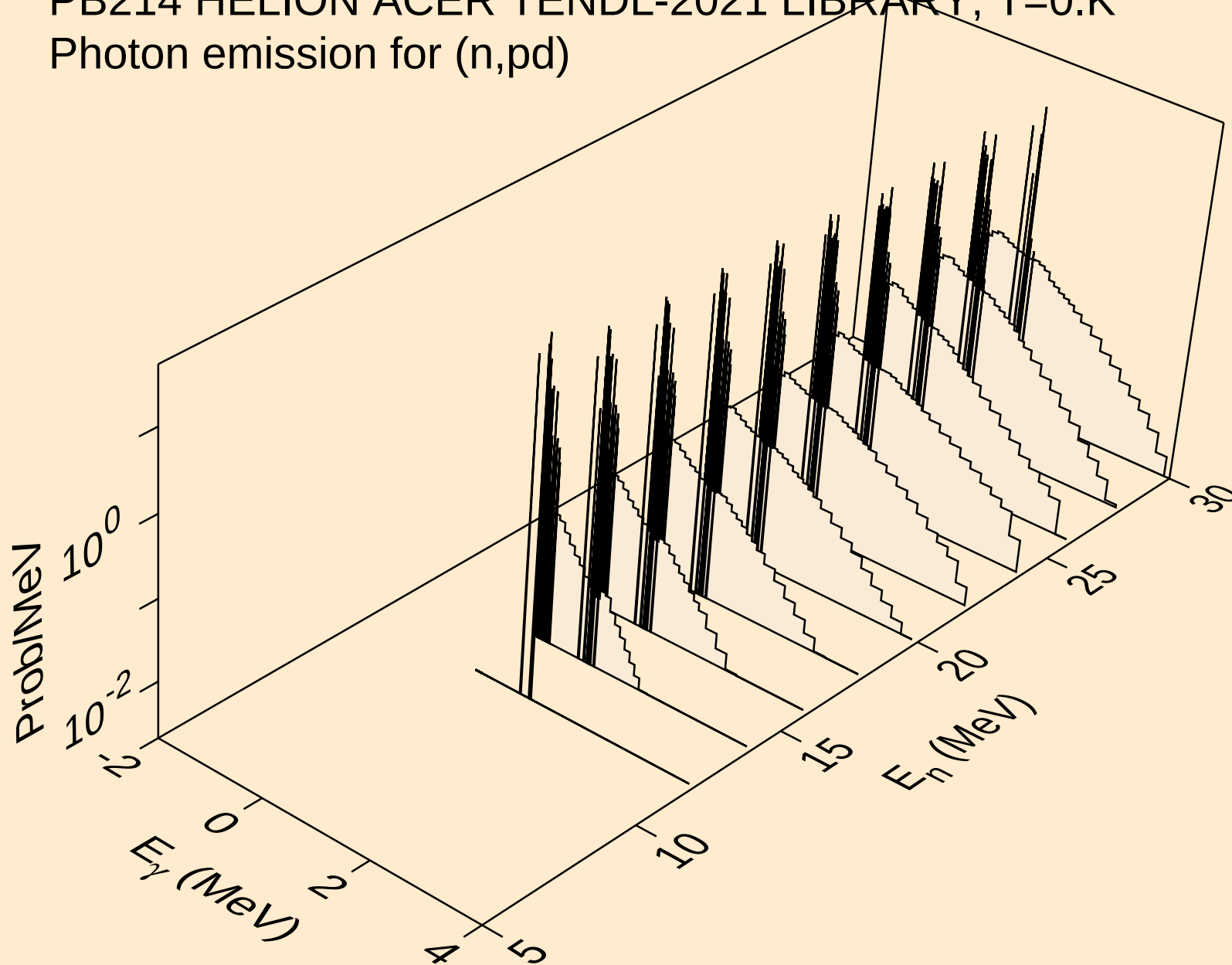
PB214 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2a)



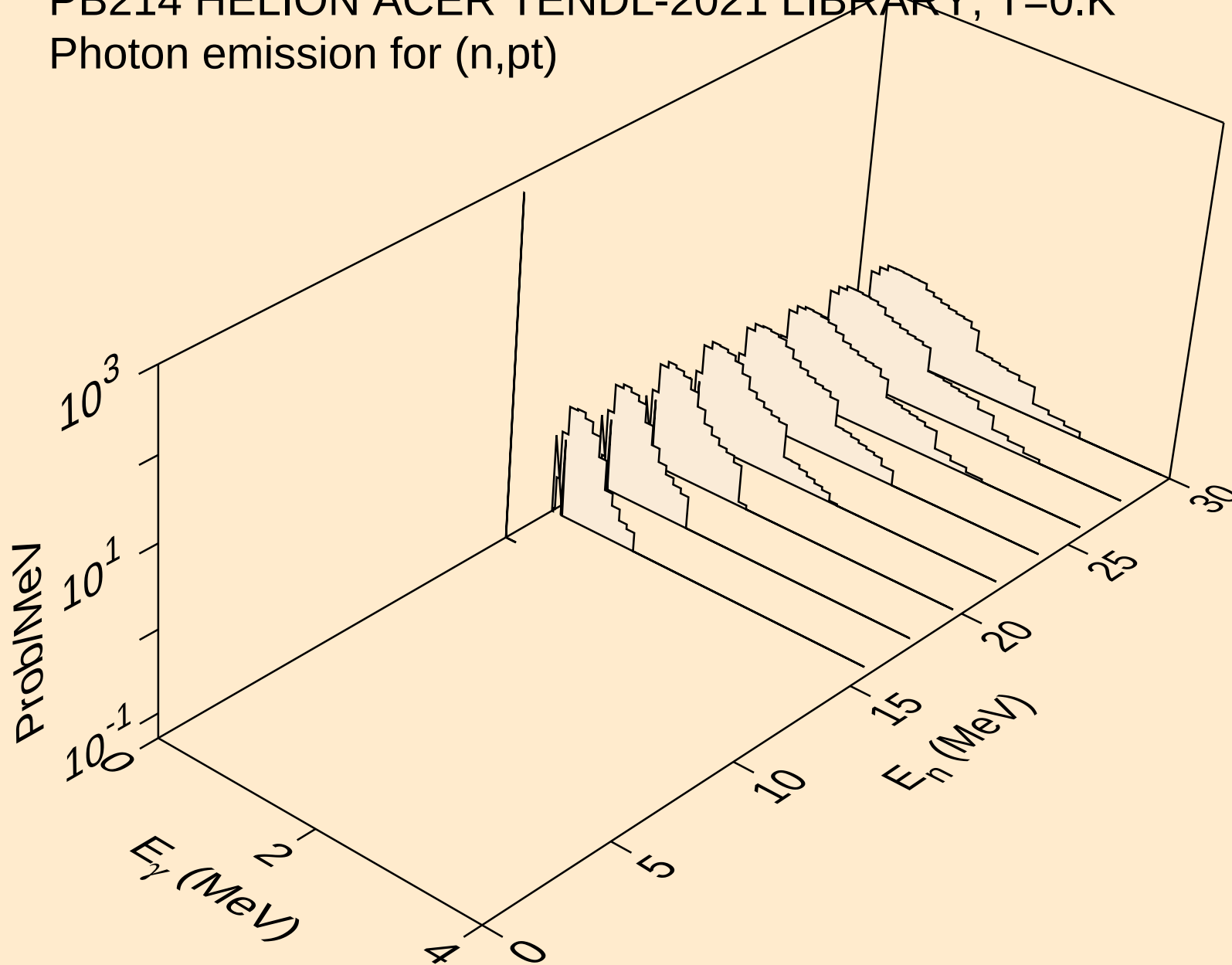
PB214 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)



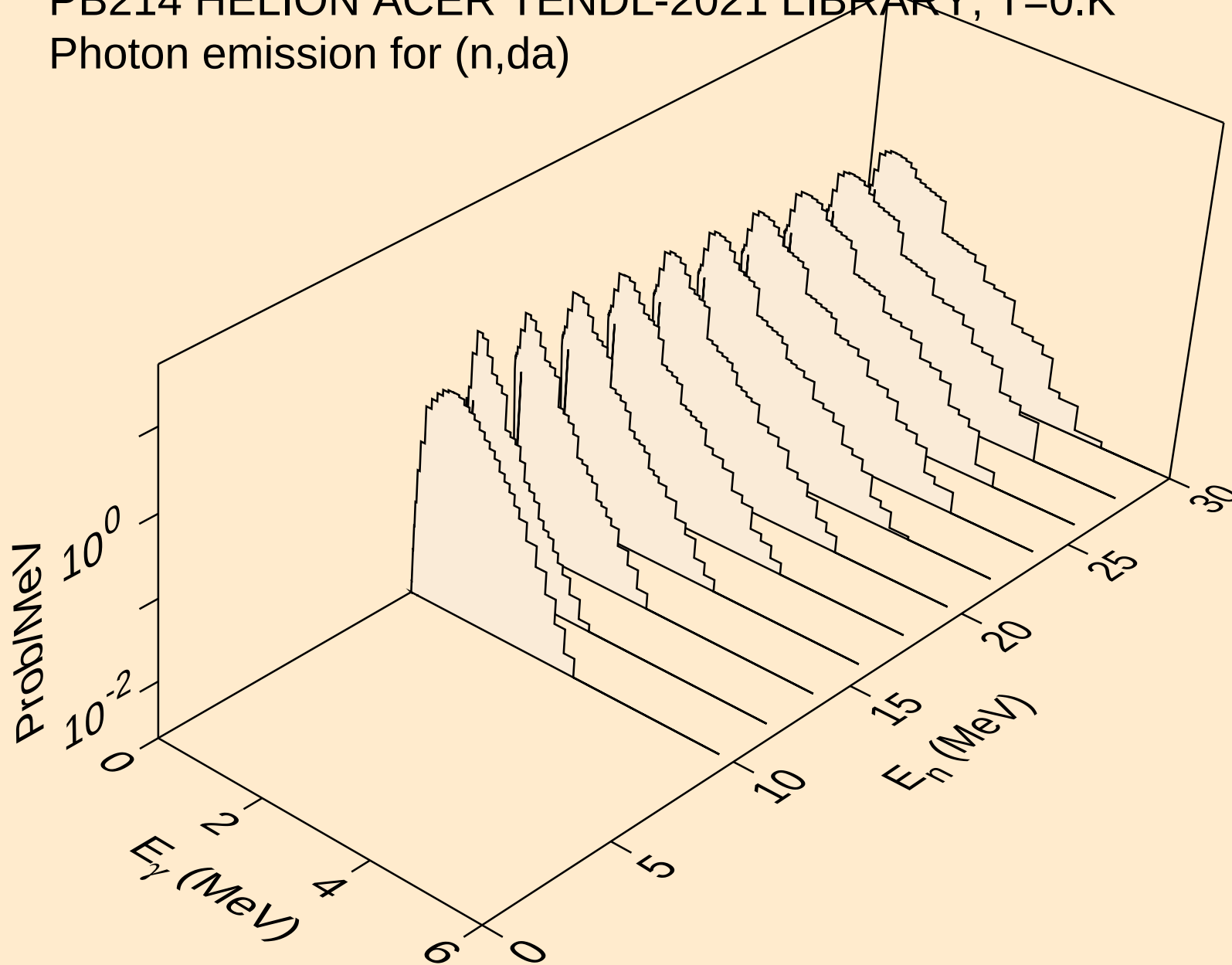
PB214 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)



PB214 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)

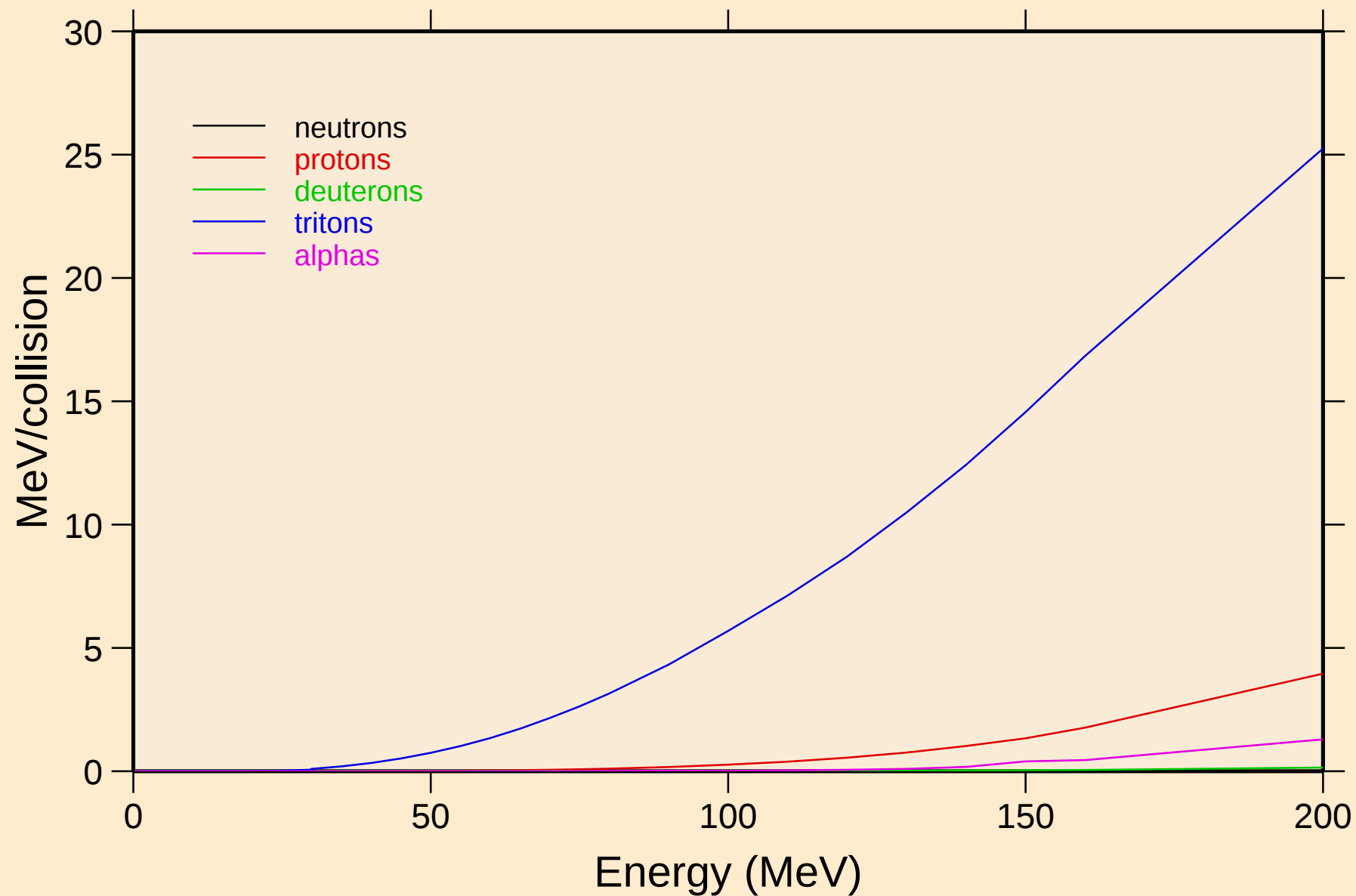


PB214 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,da)



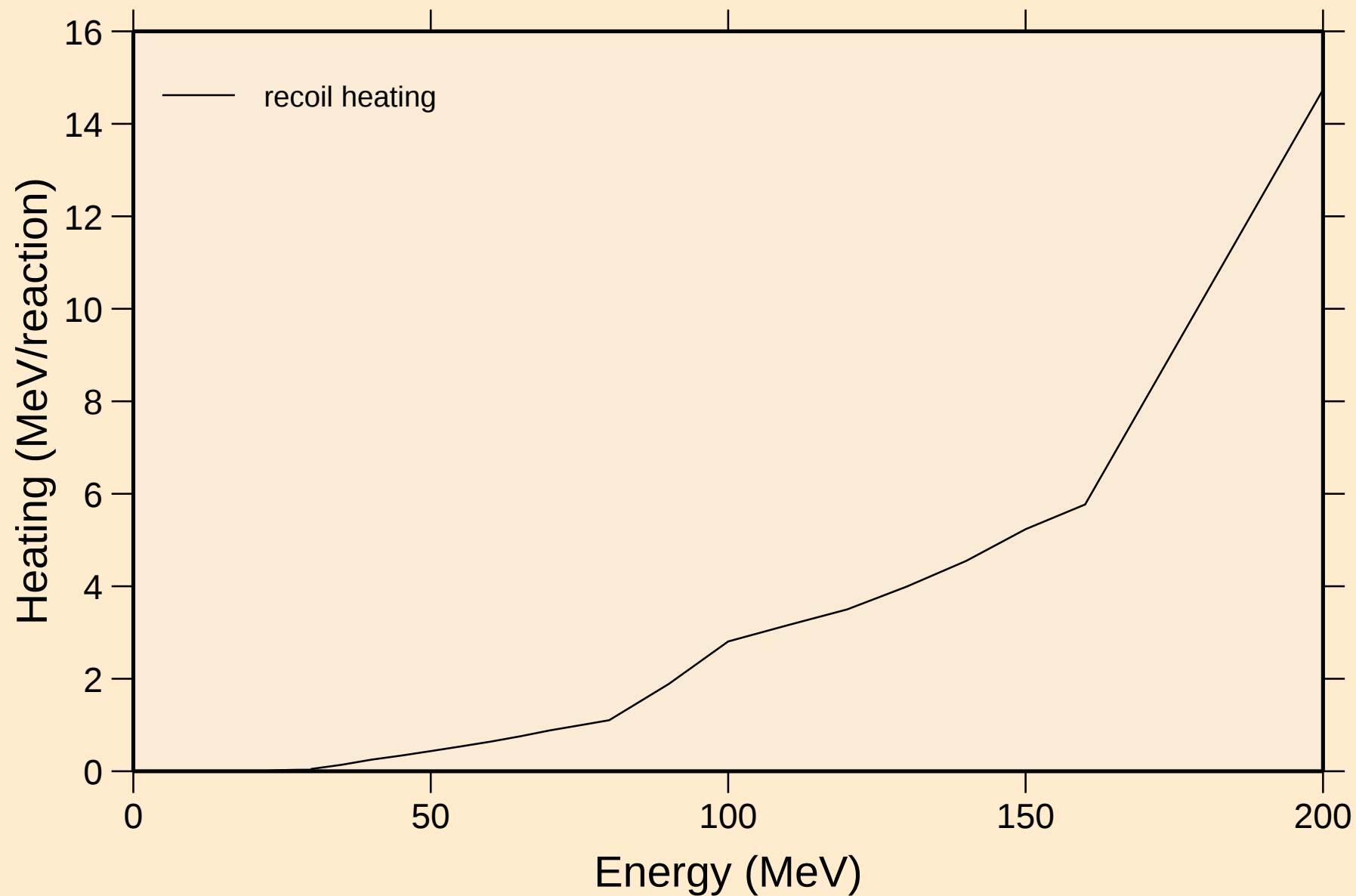
# PB214 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Particle heating contributions



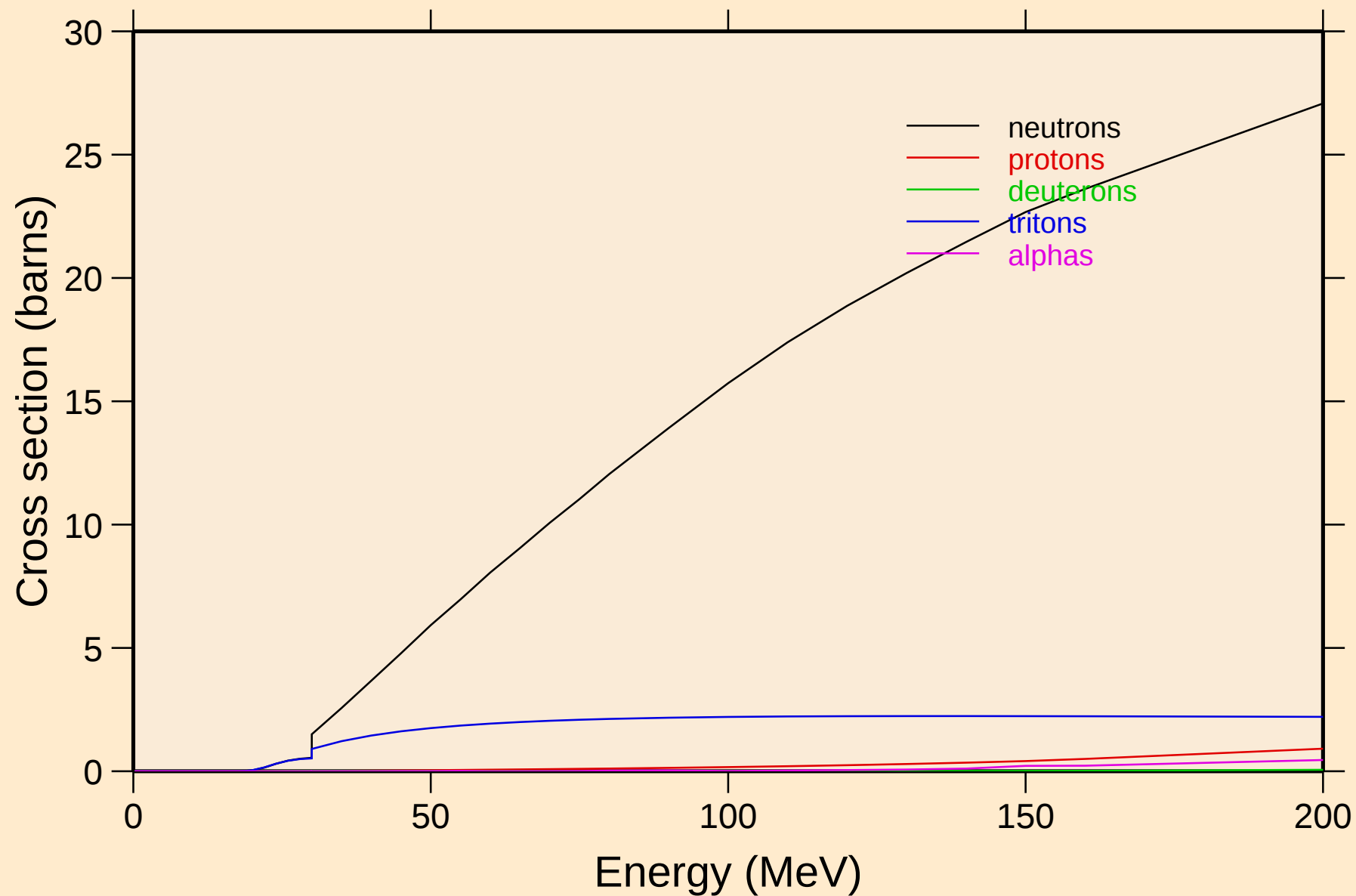
PB214 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Recoil Heating

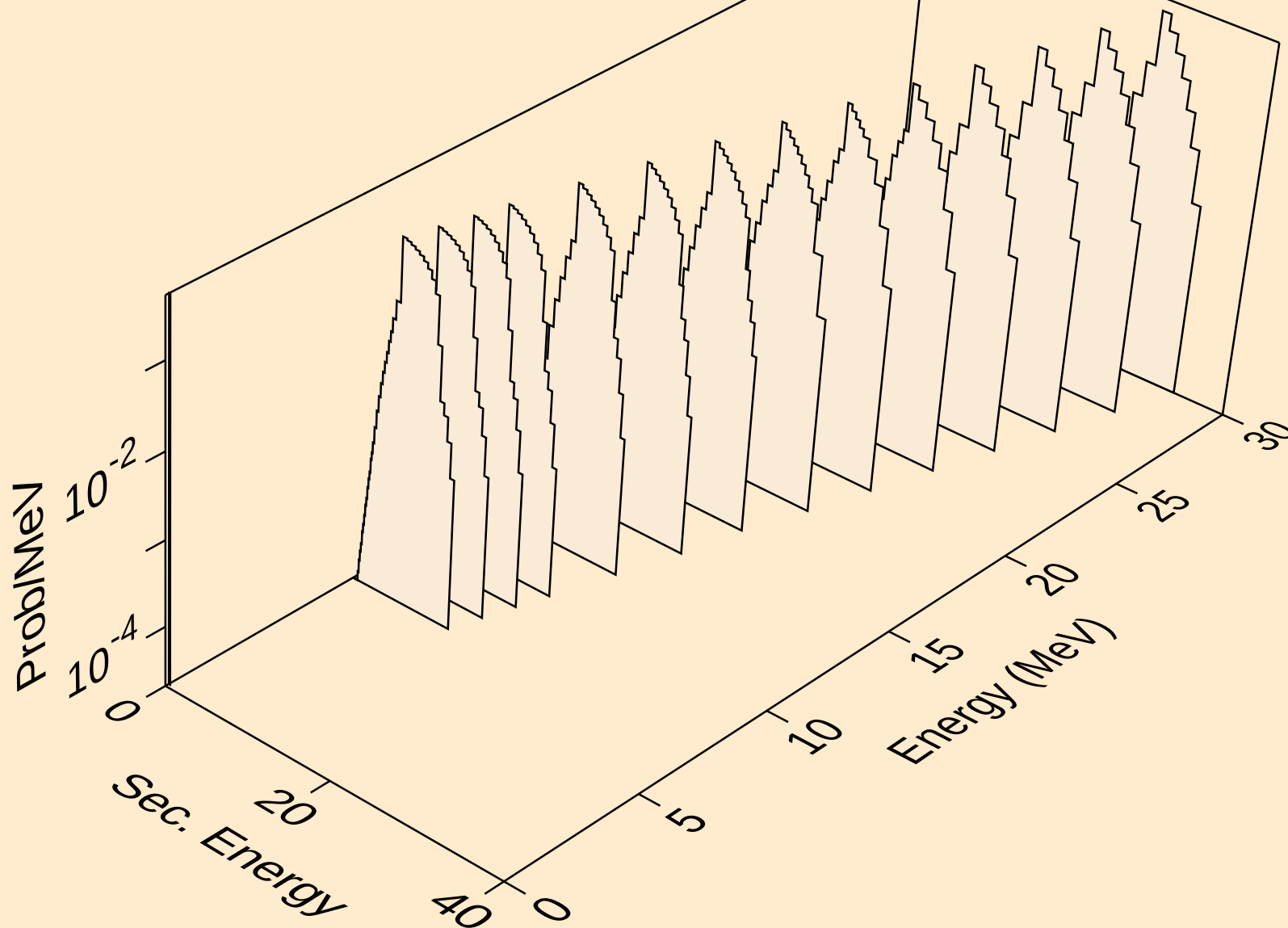


PB214 HELION ACER TENDL-2021 LIBRARY; T=0.K

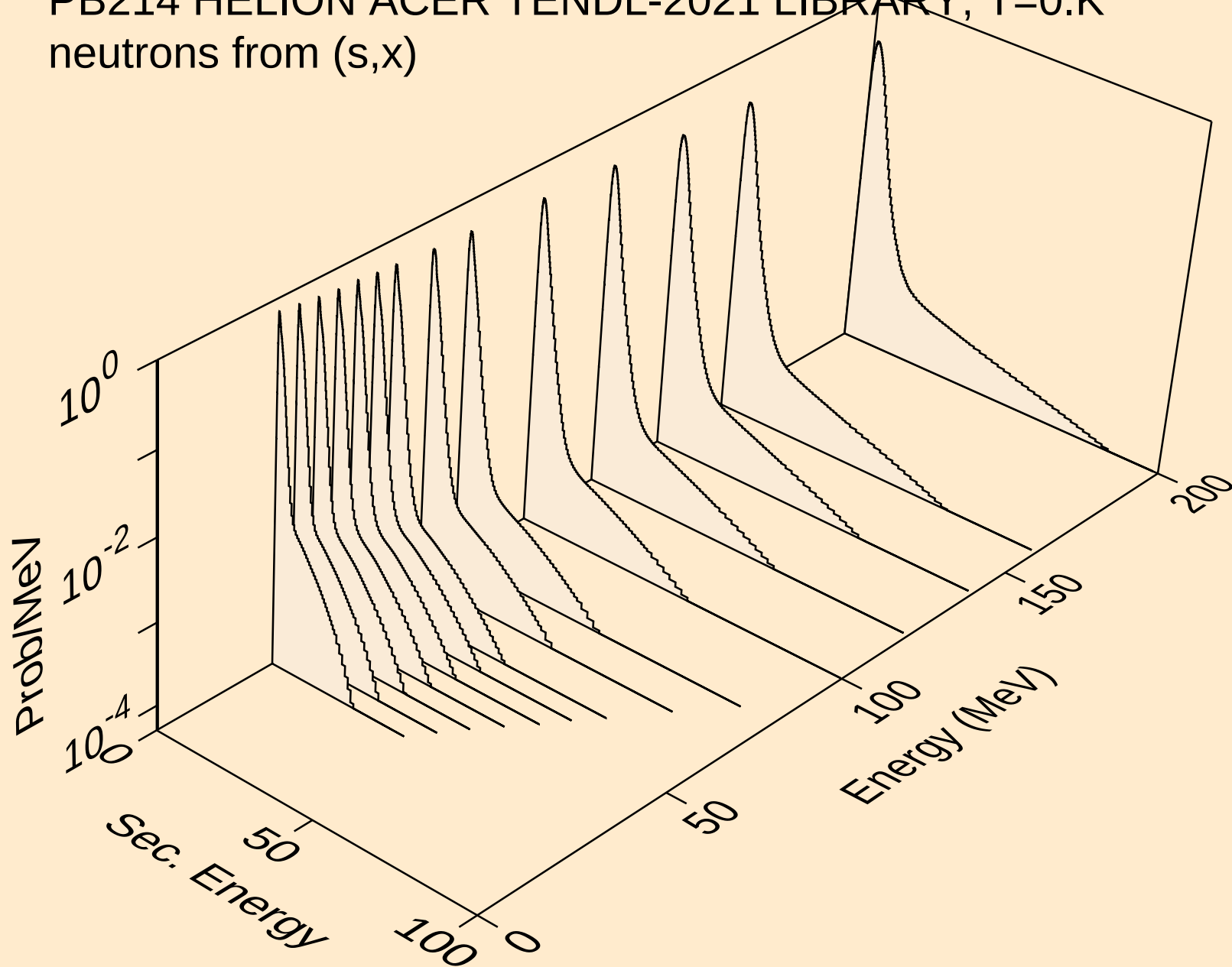
Particle production cross sections



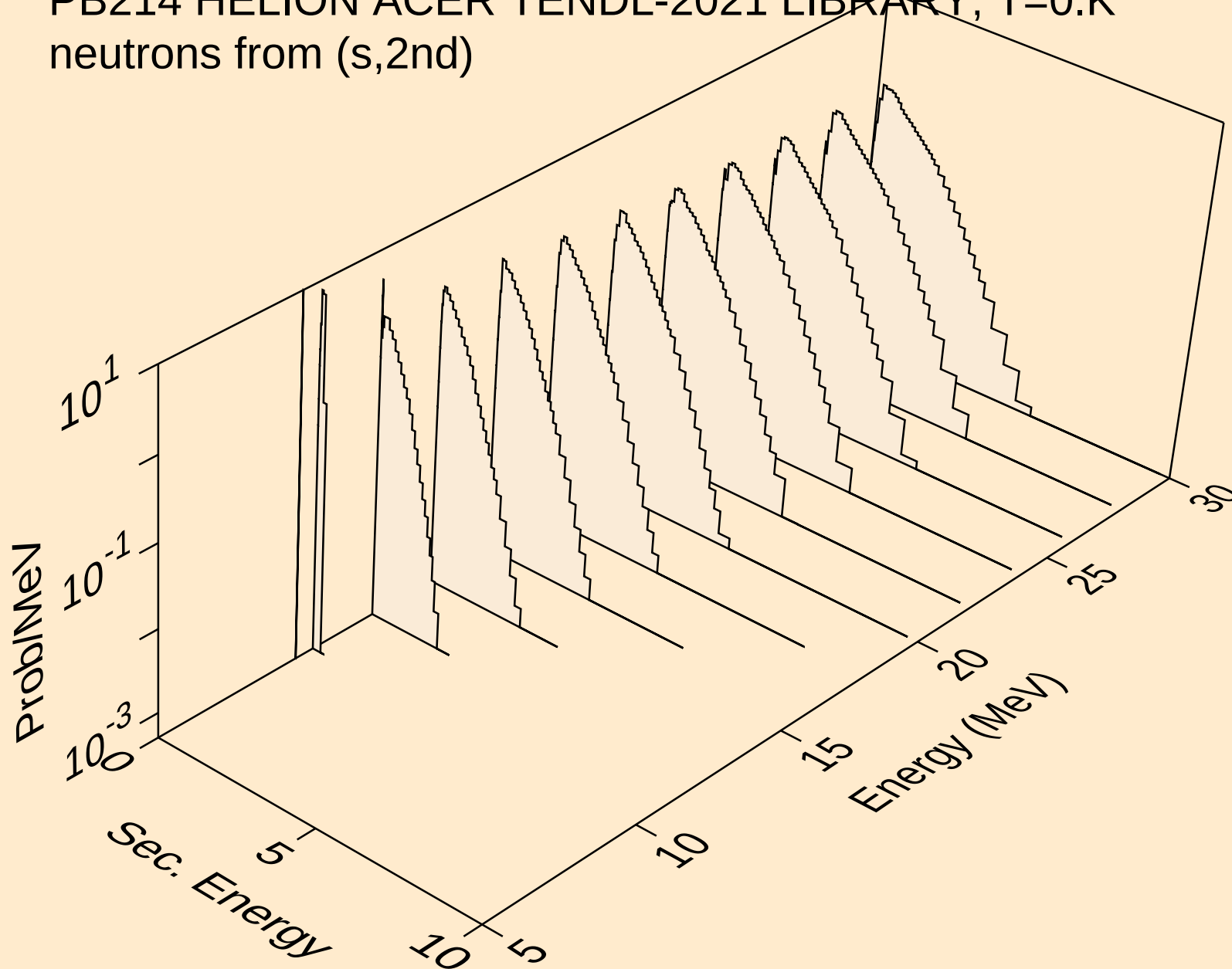
PB214 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n)



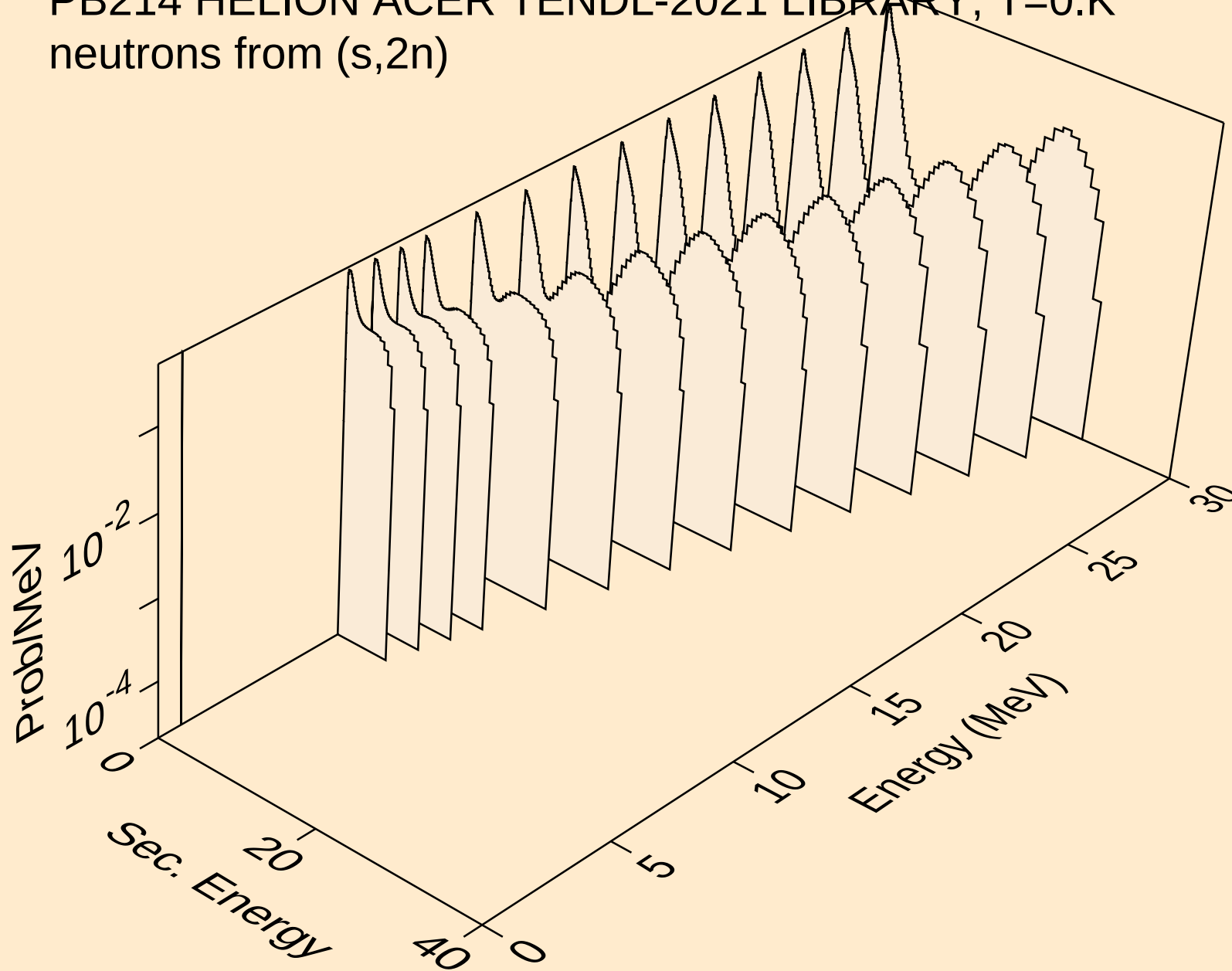
PB214 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,x)



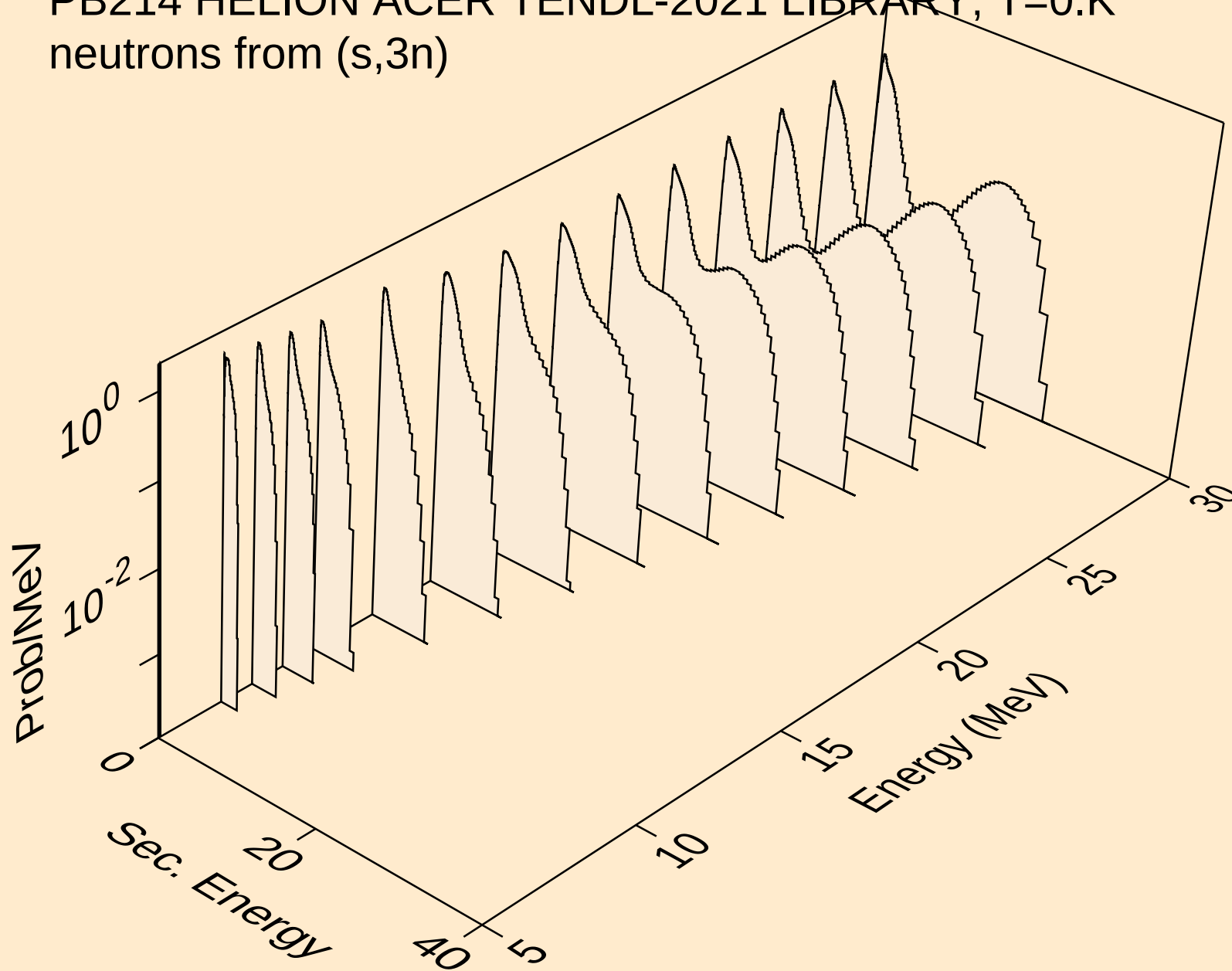
PB214 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2nd)



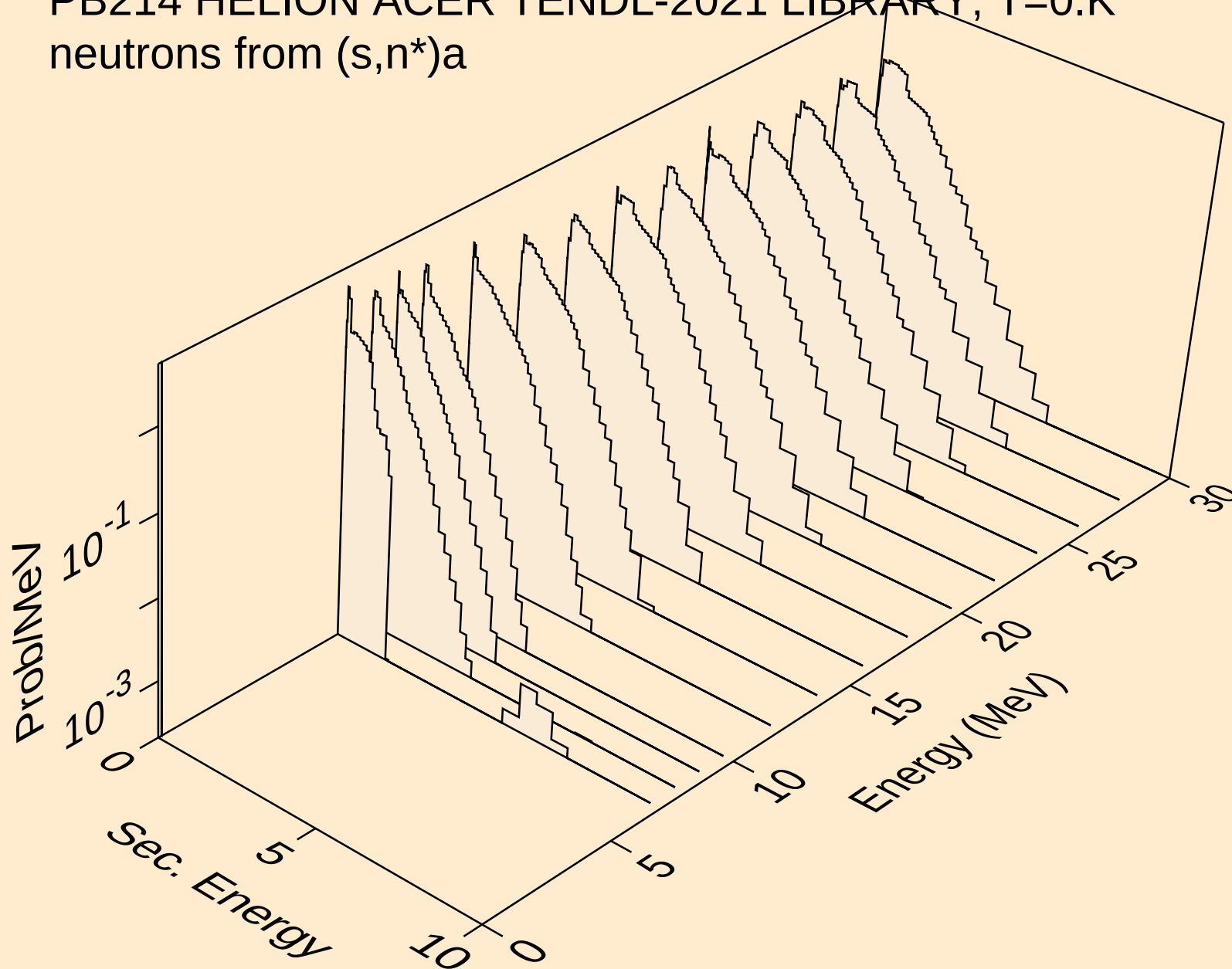
PB214 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)



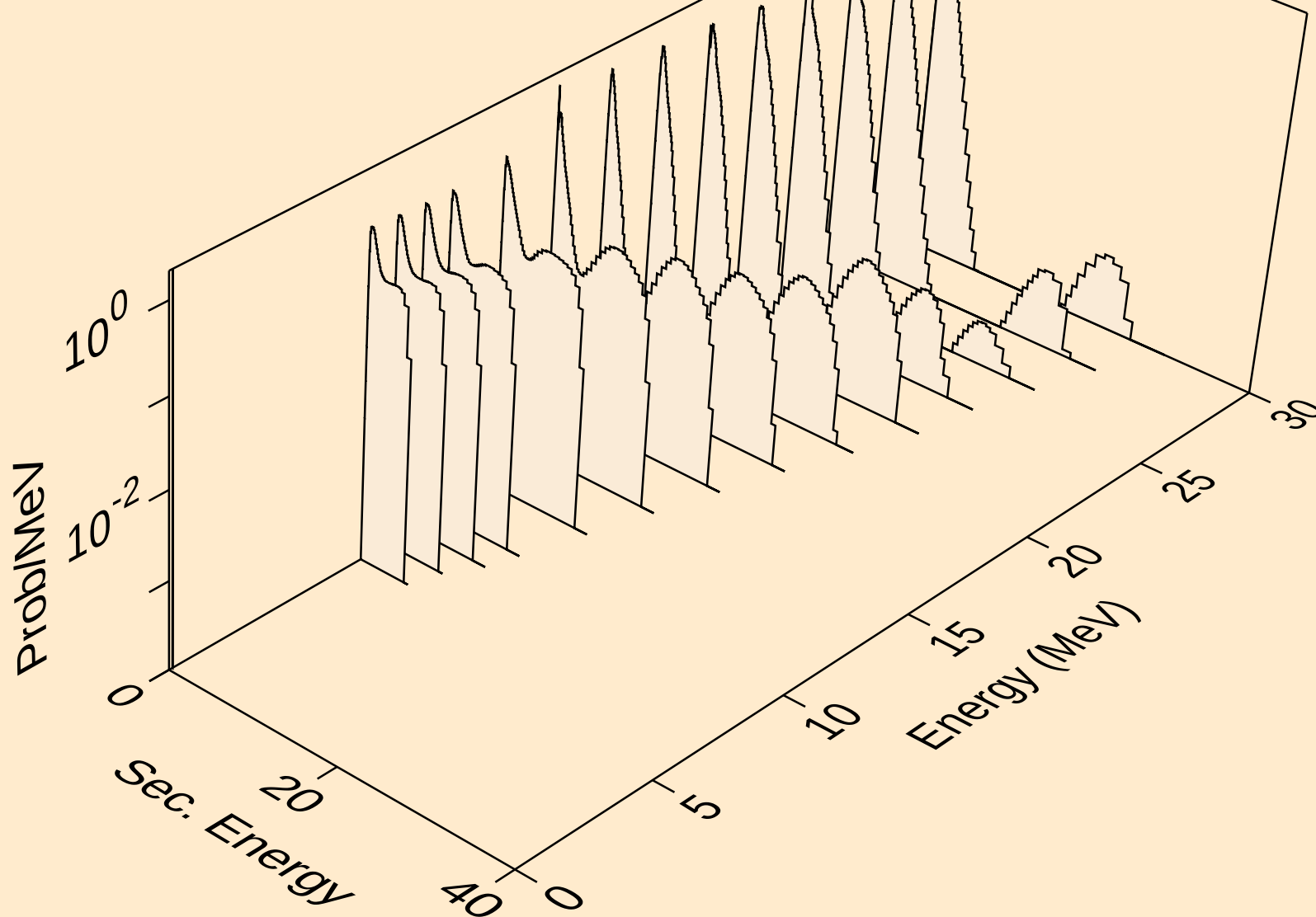
PB214 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3n)



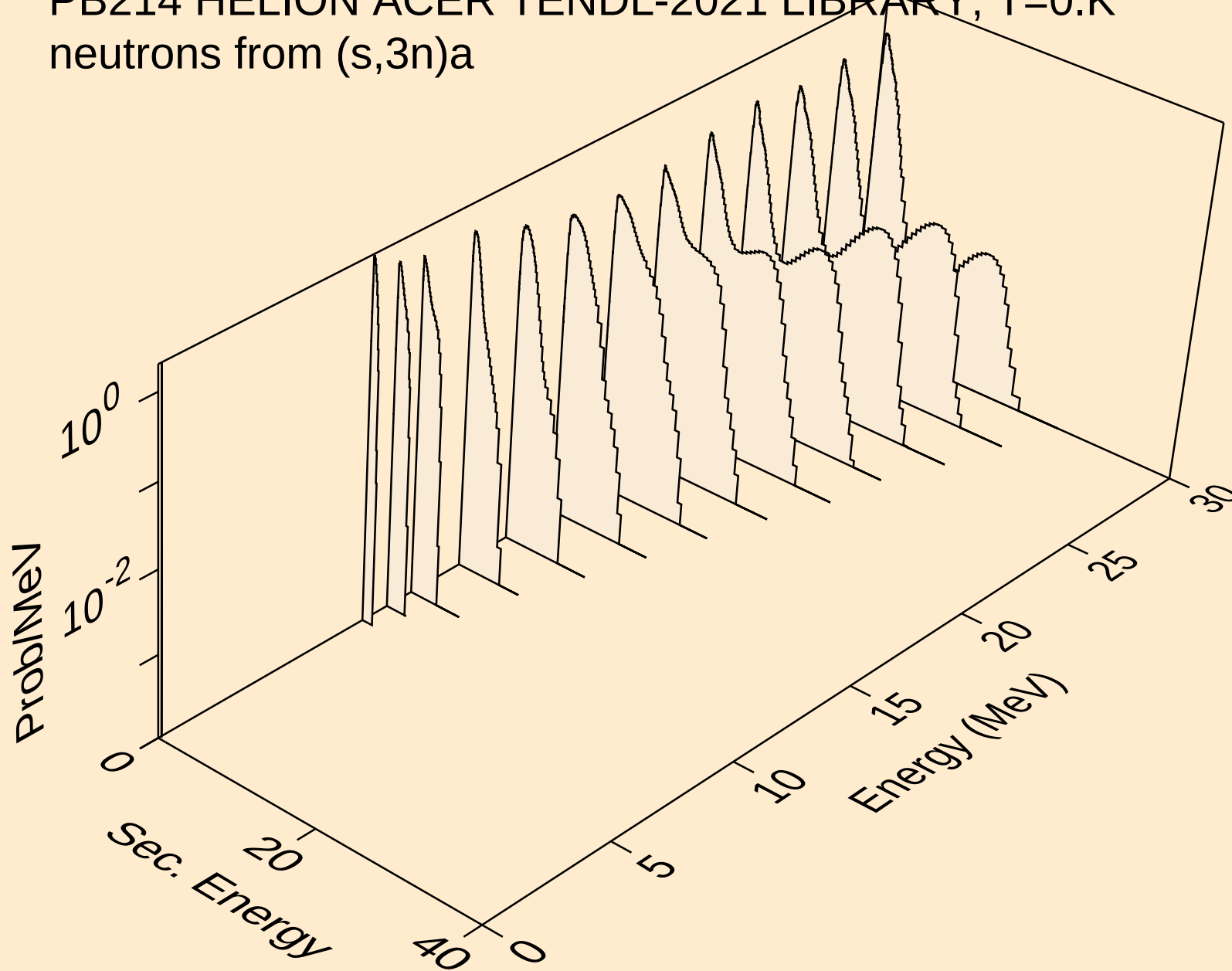
PB214 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)a



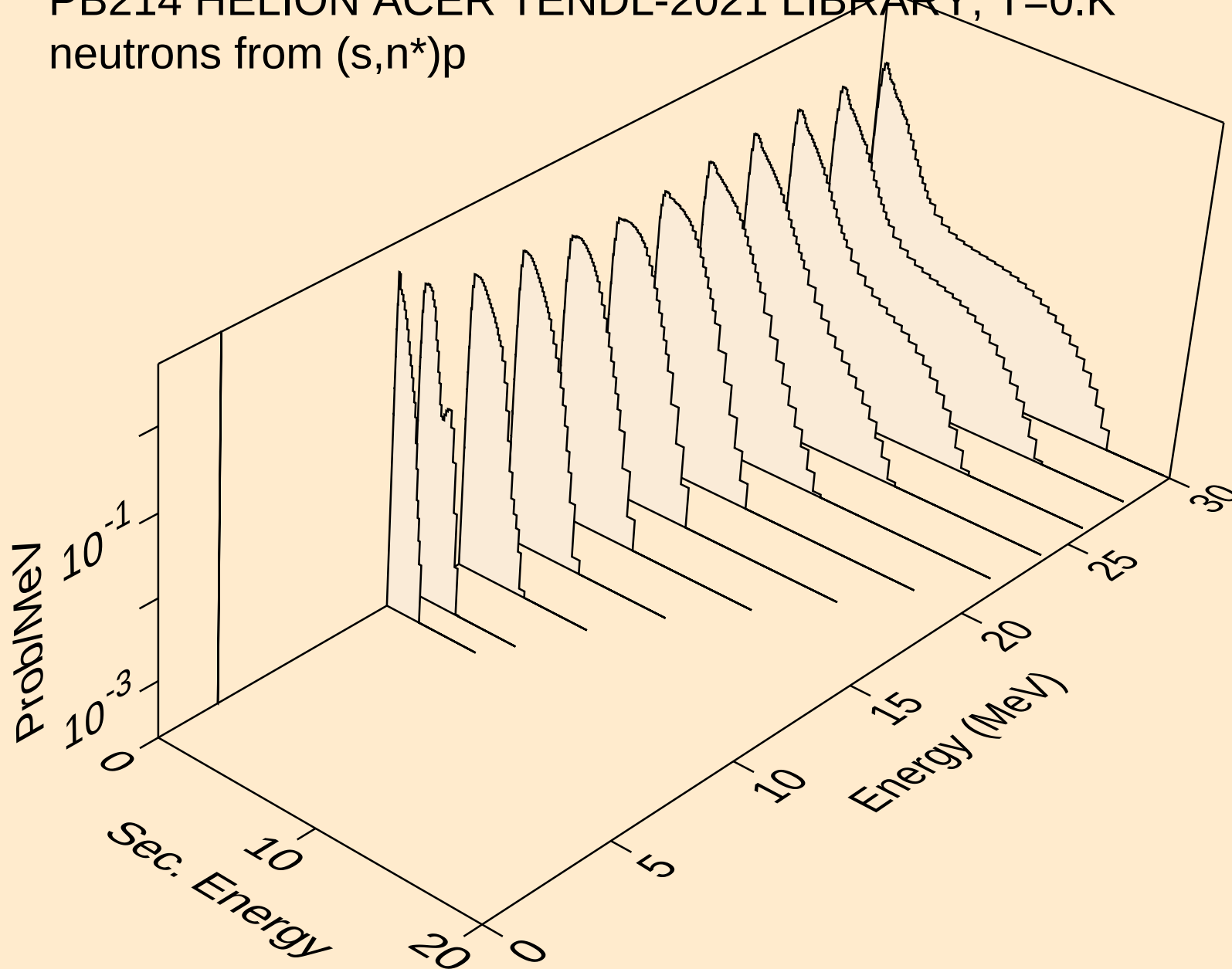
PB214 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)a



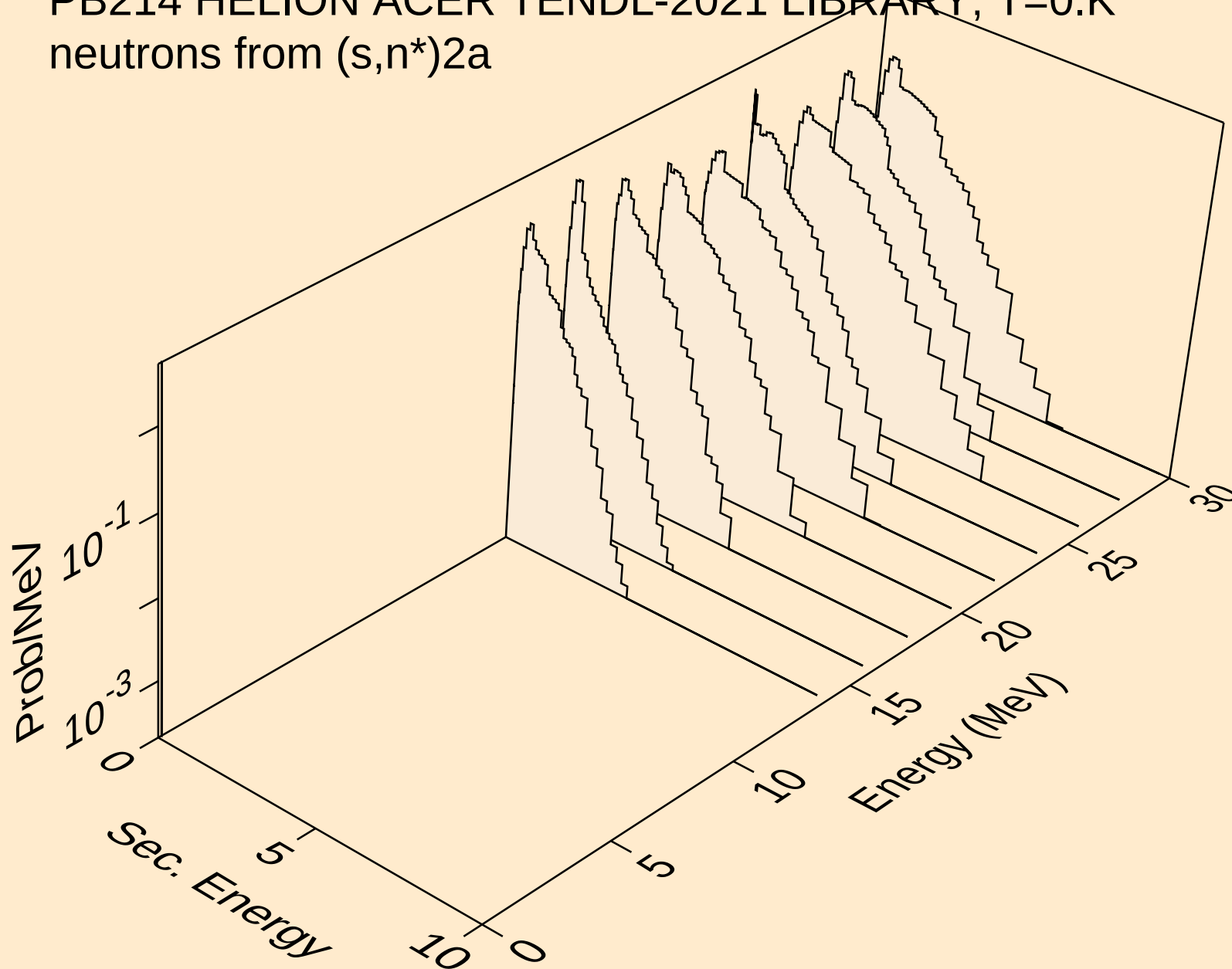
PB214 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3n)a



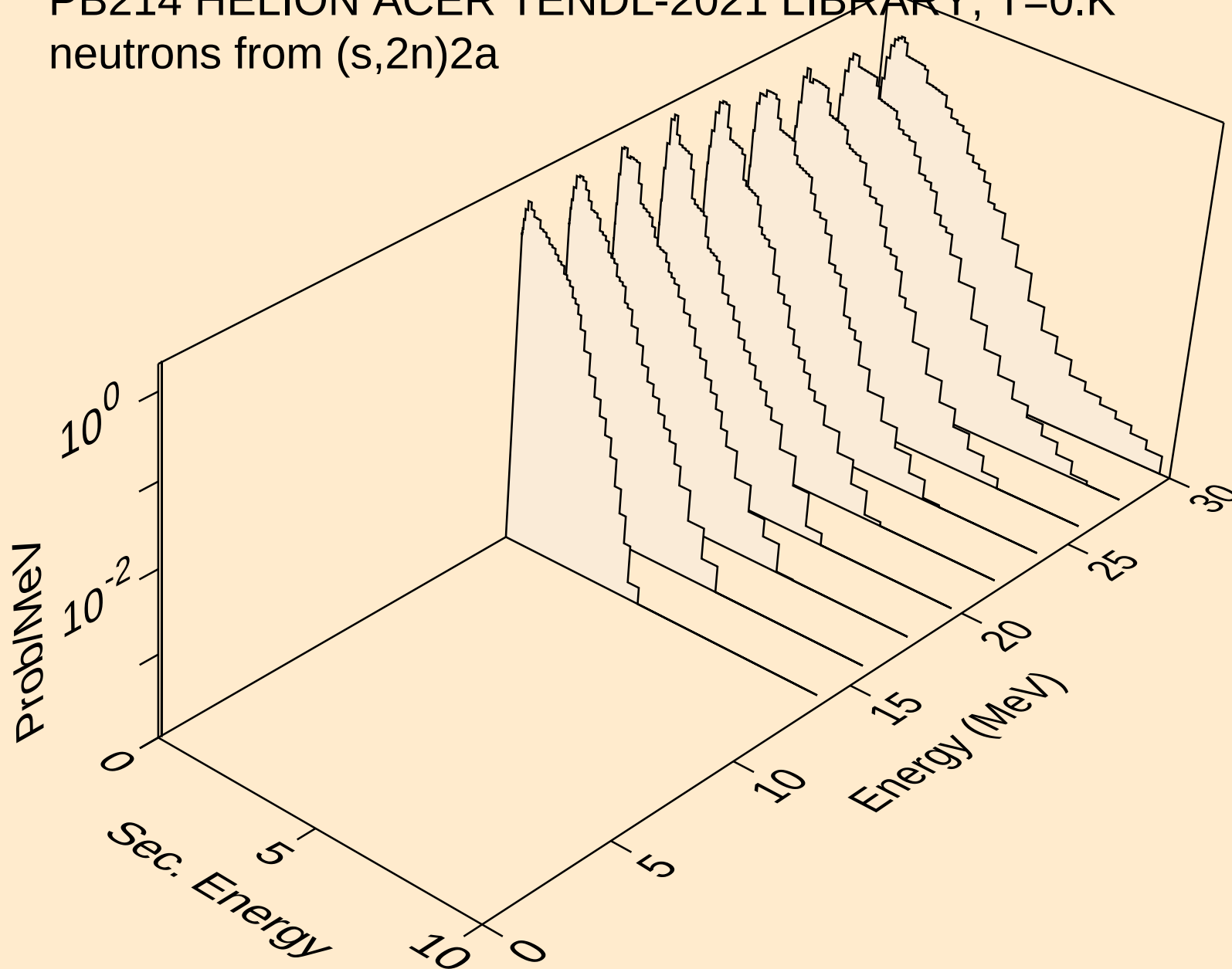
PB214 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)p



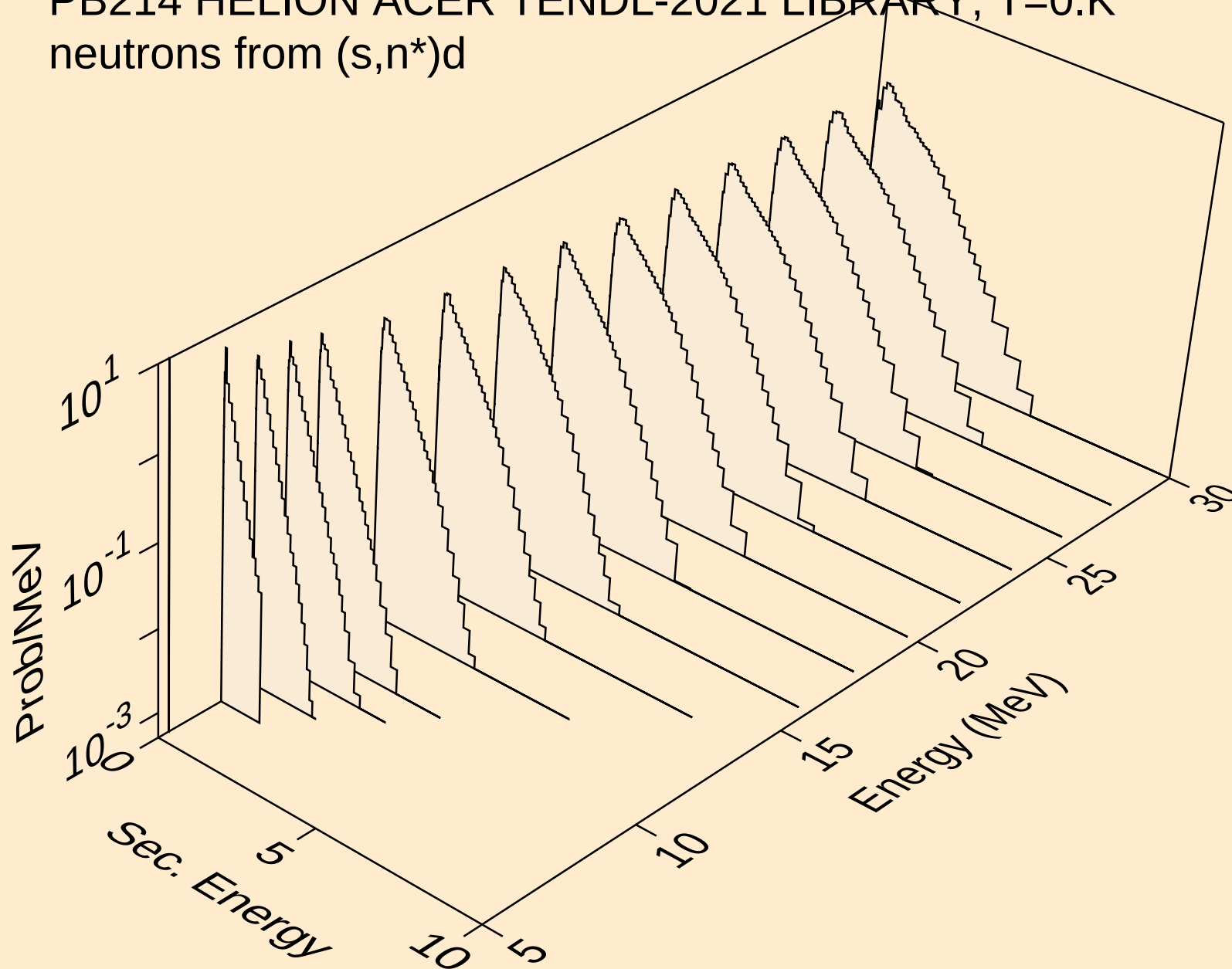
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neutrons from (s,n\*)2a



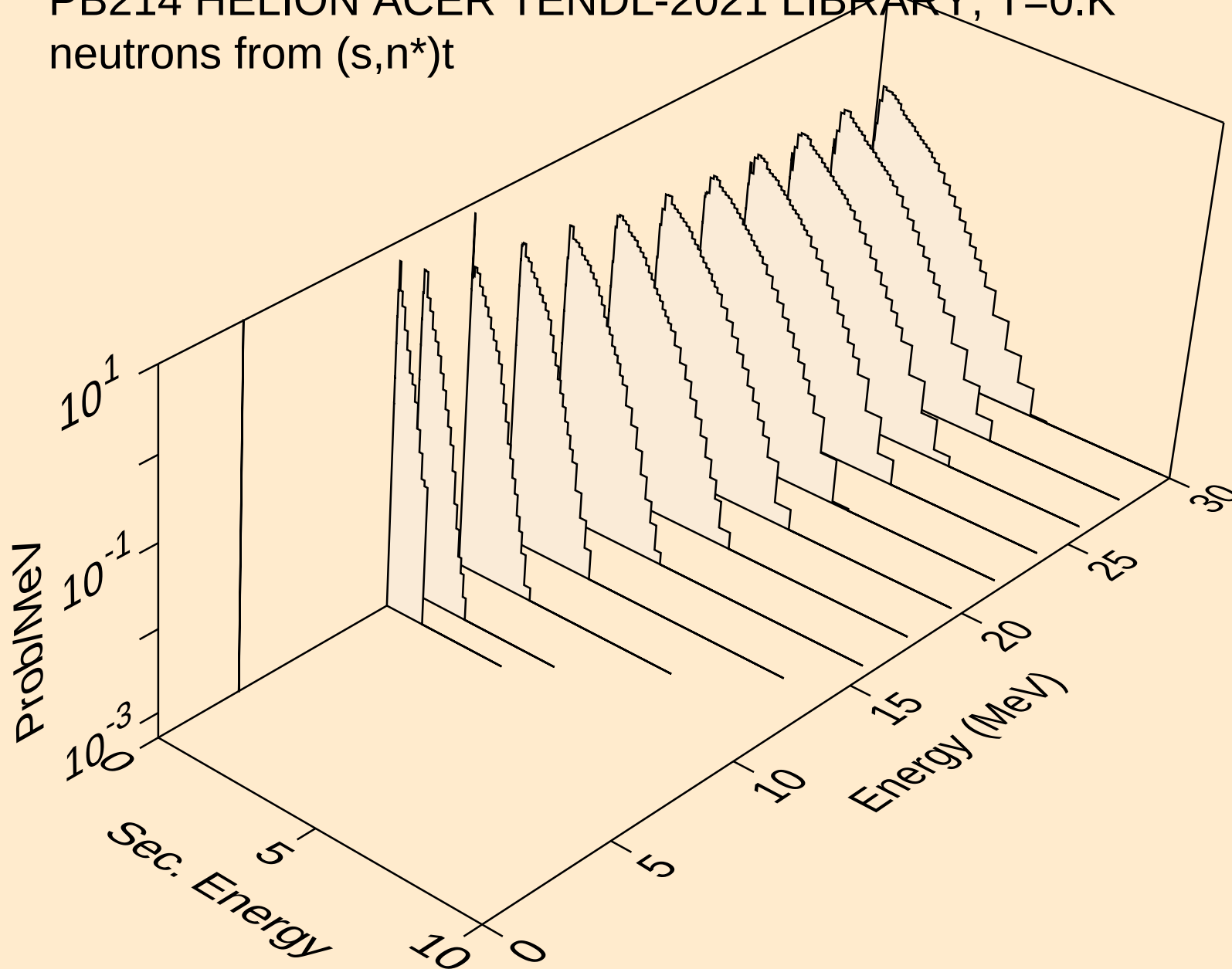
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neutrons from (s,2n)2a



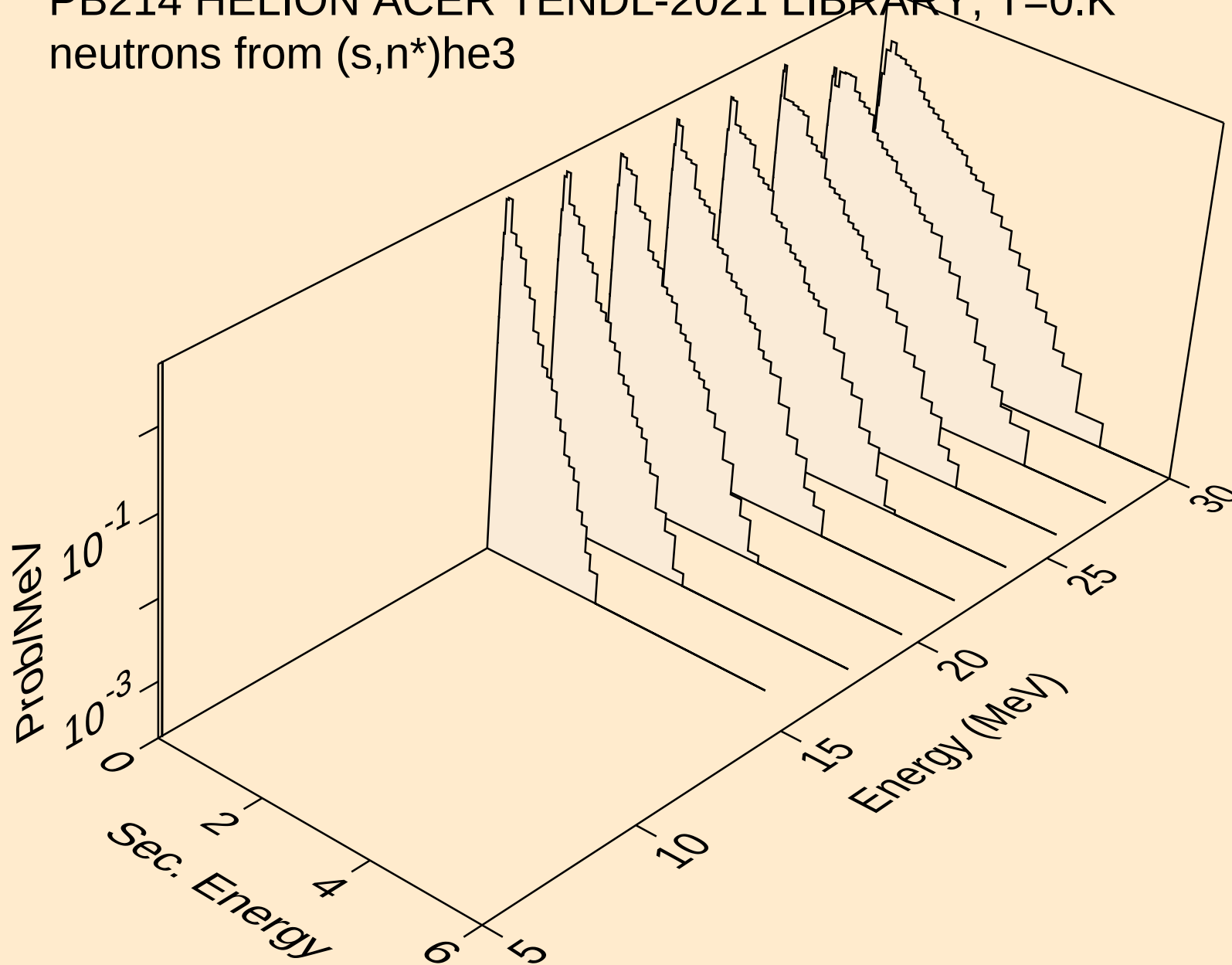
PB214 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)d



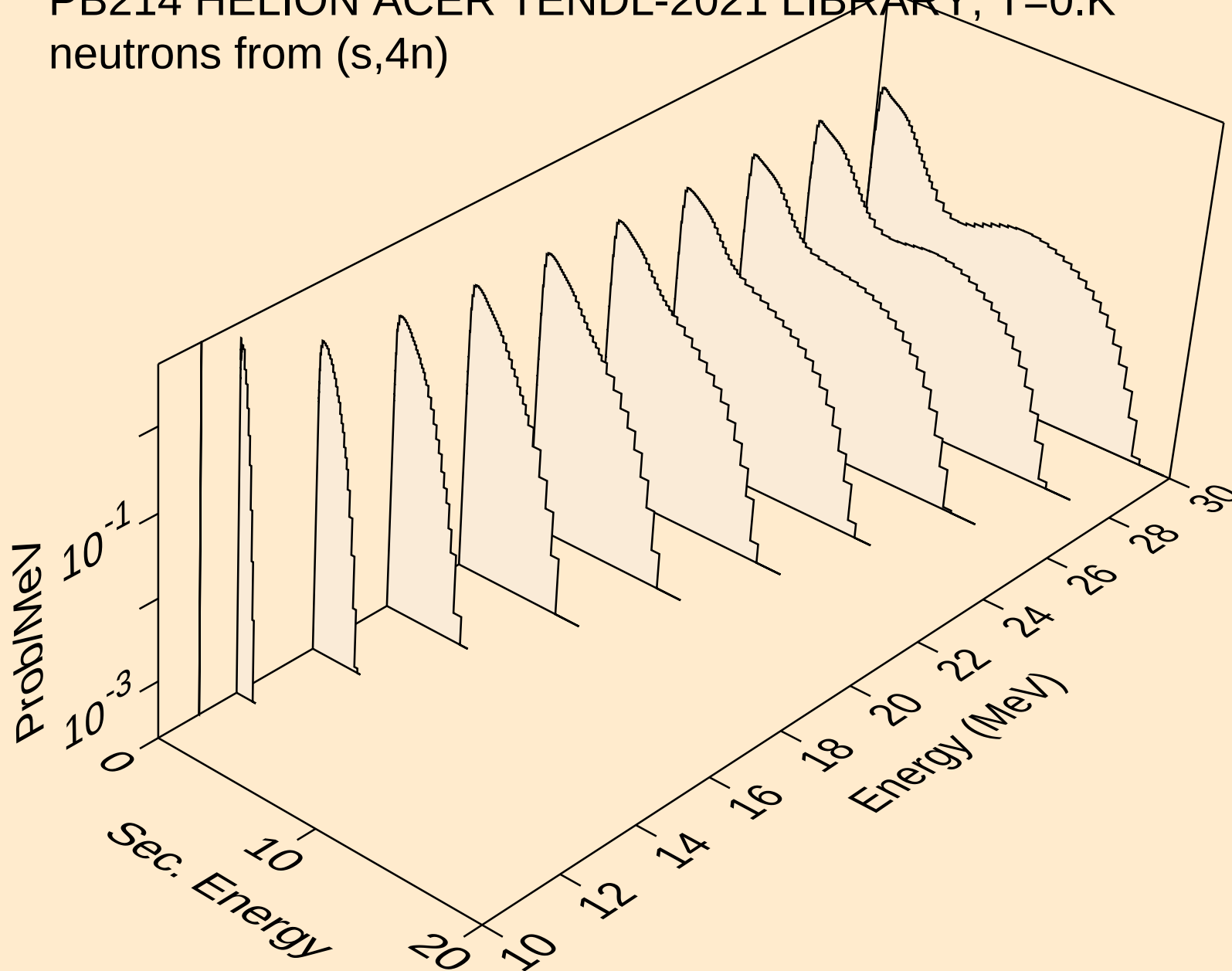
PB214 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)t



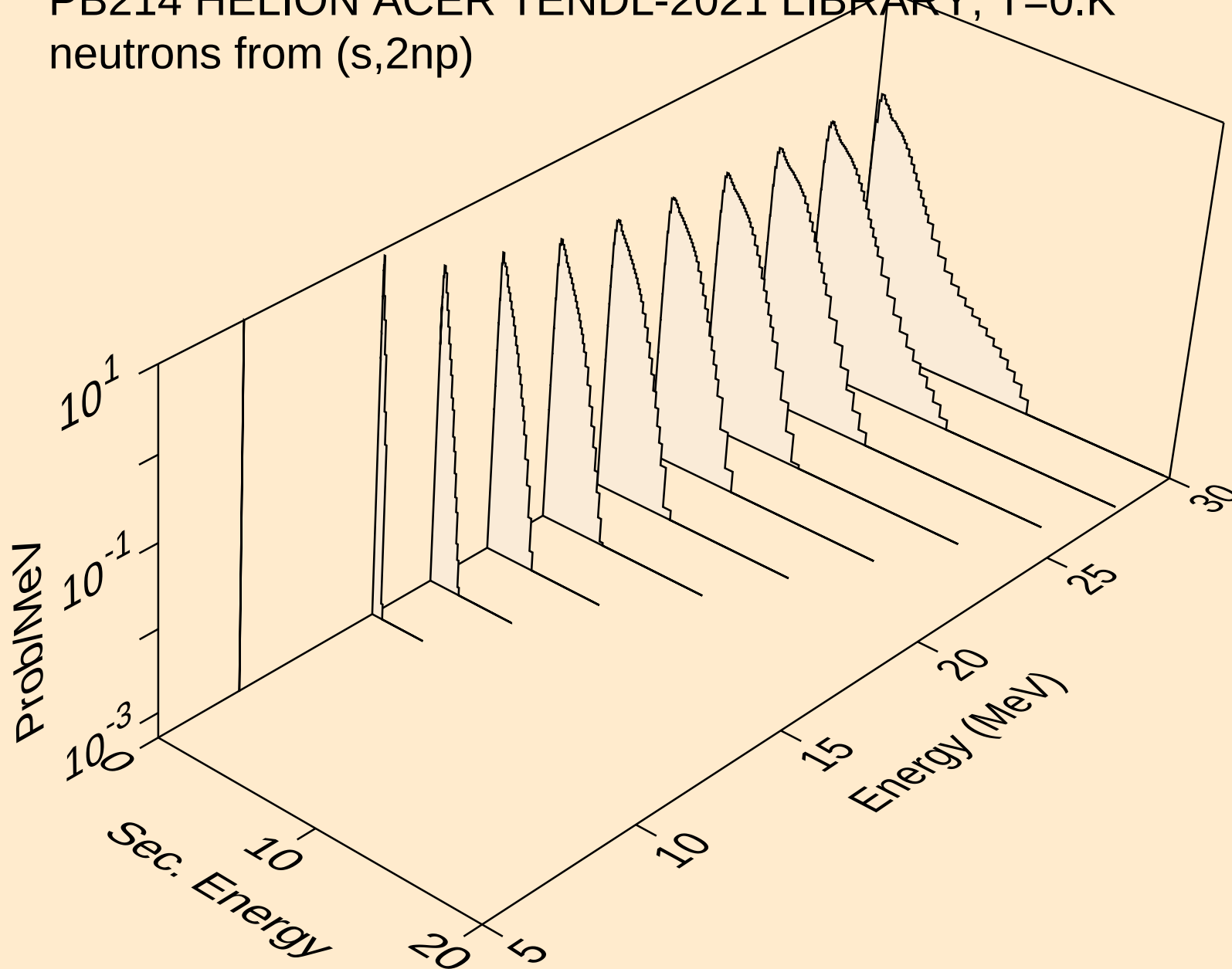
PB214 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



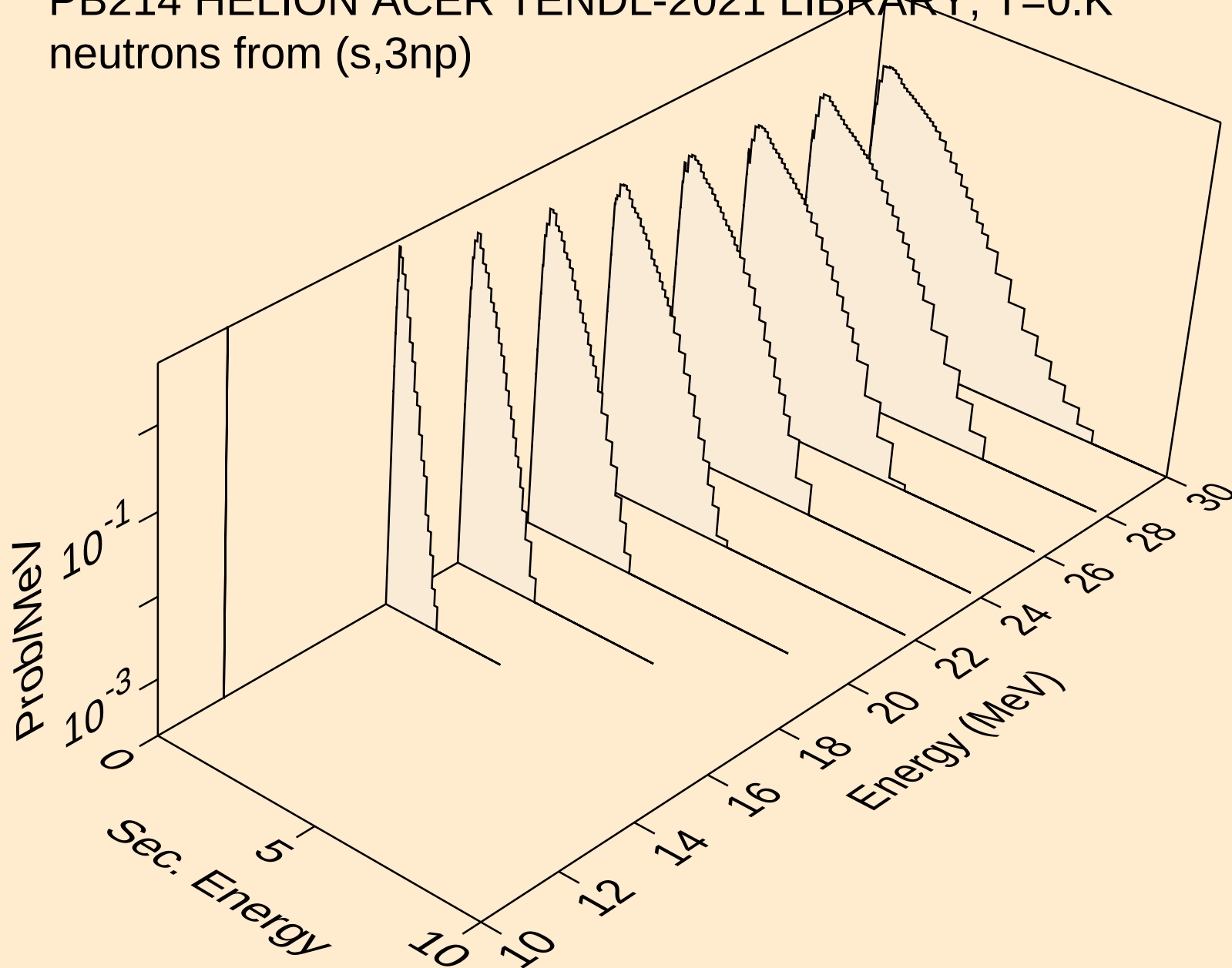
PB214 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,4n)



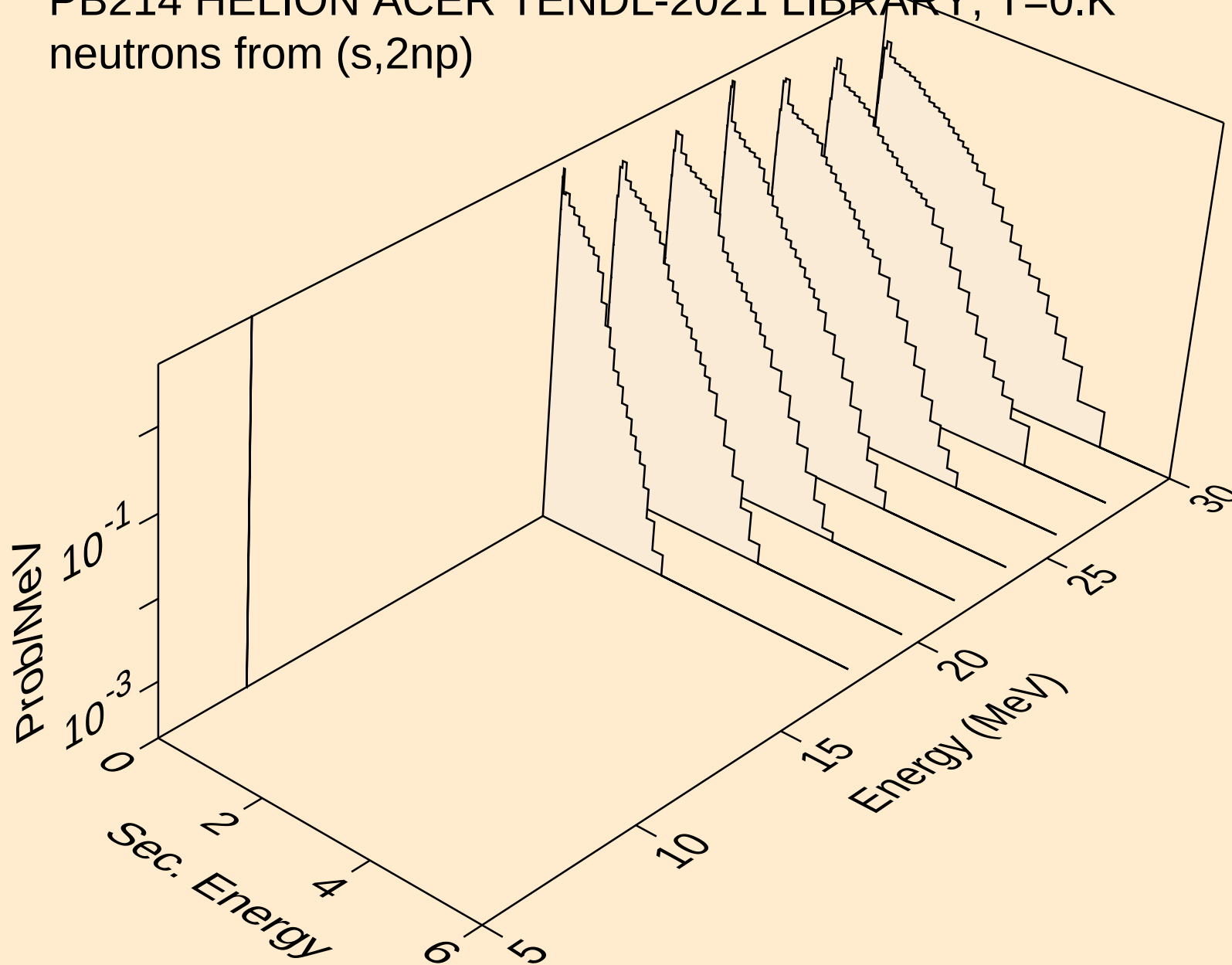
PB214 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2np)



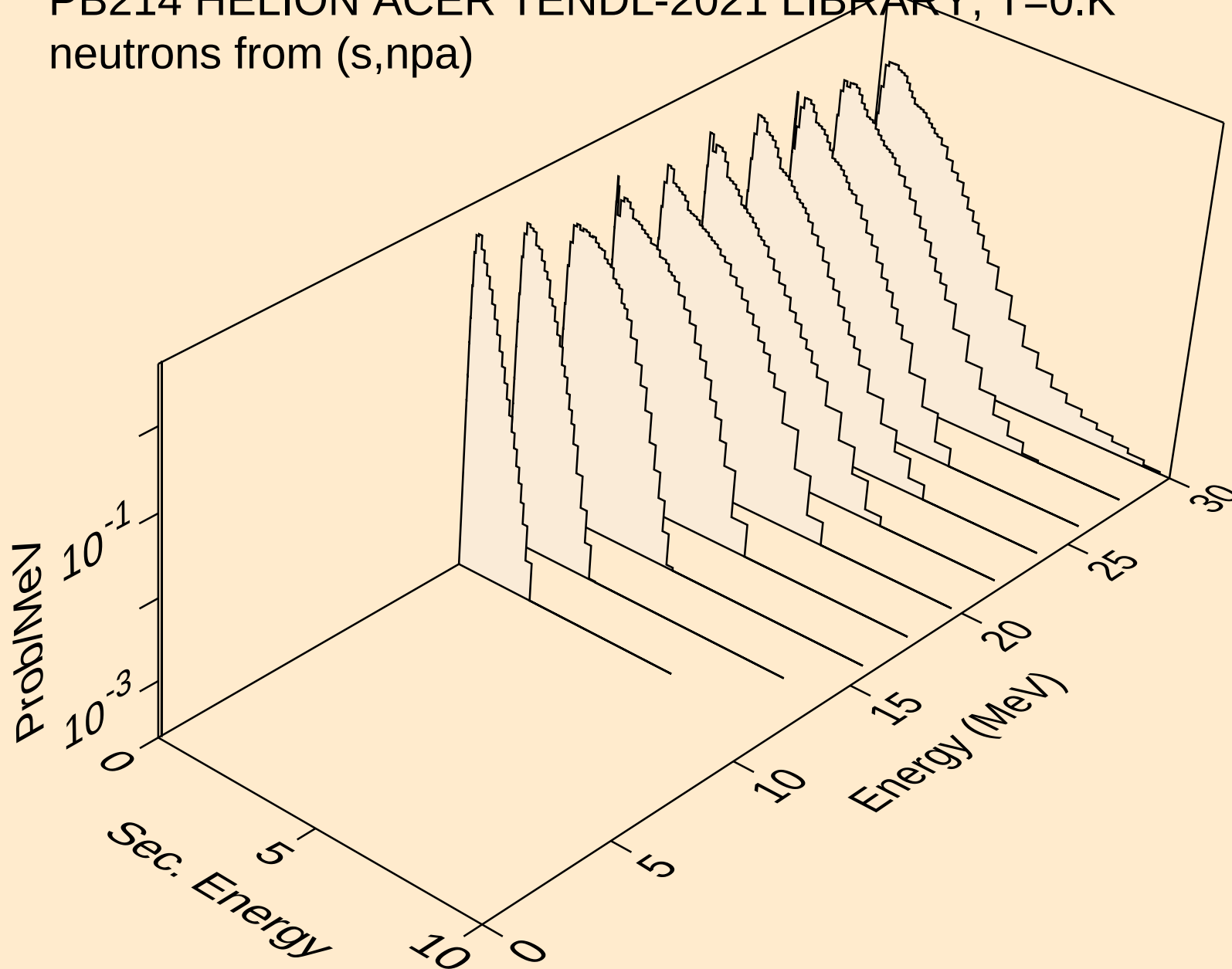
PB214 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3np)



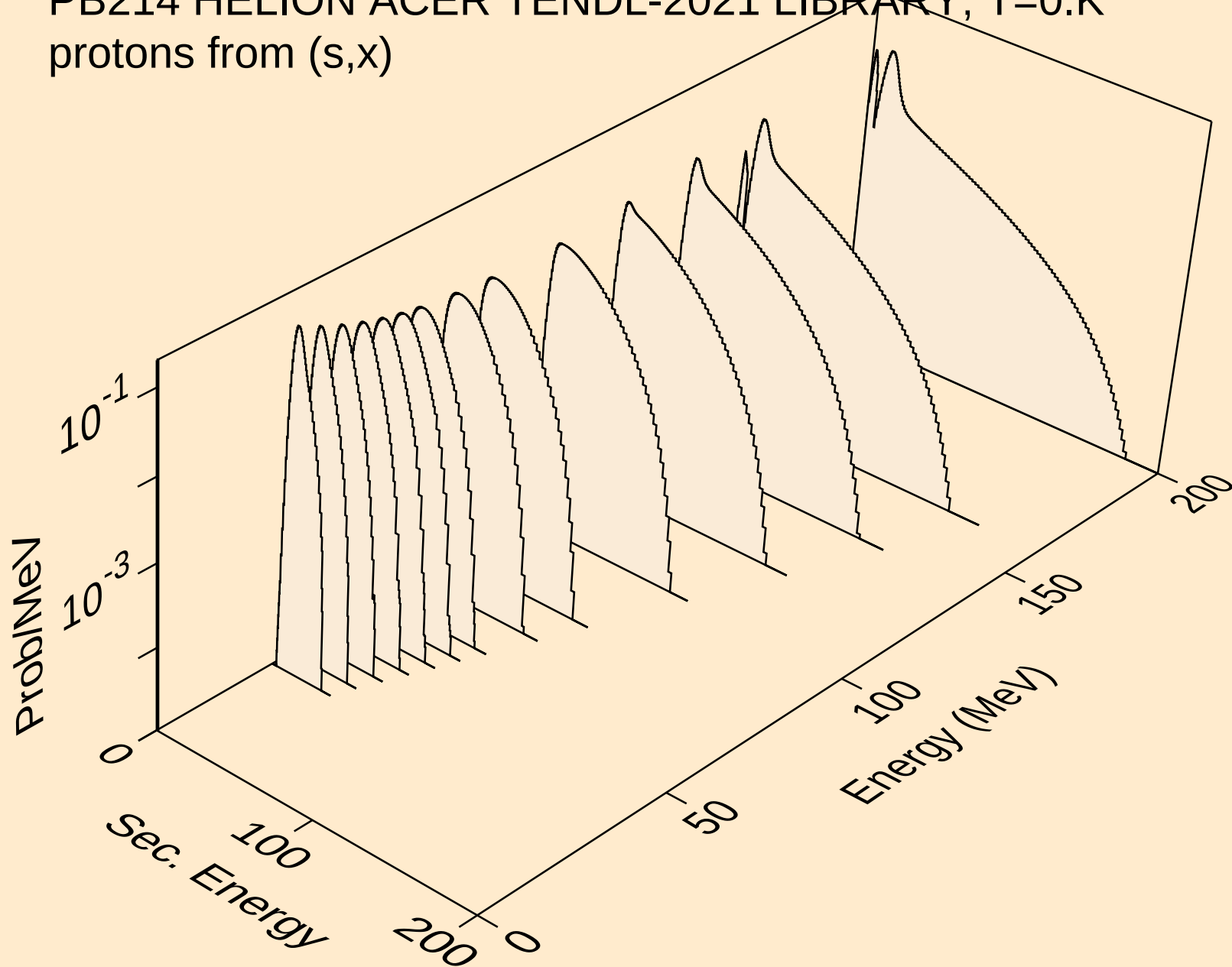
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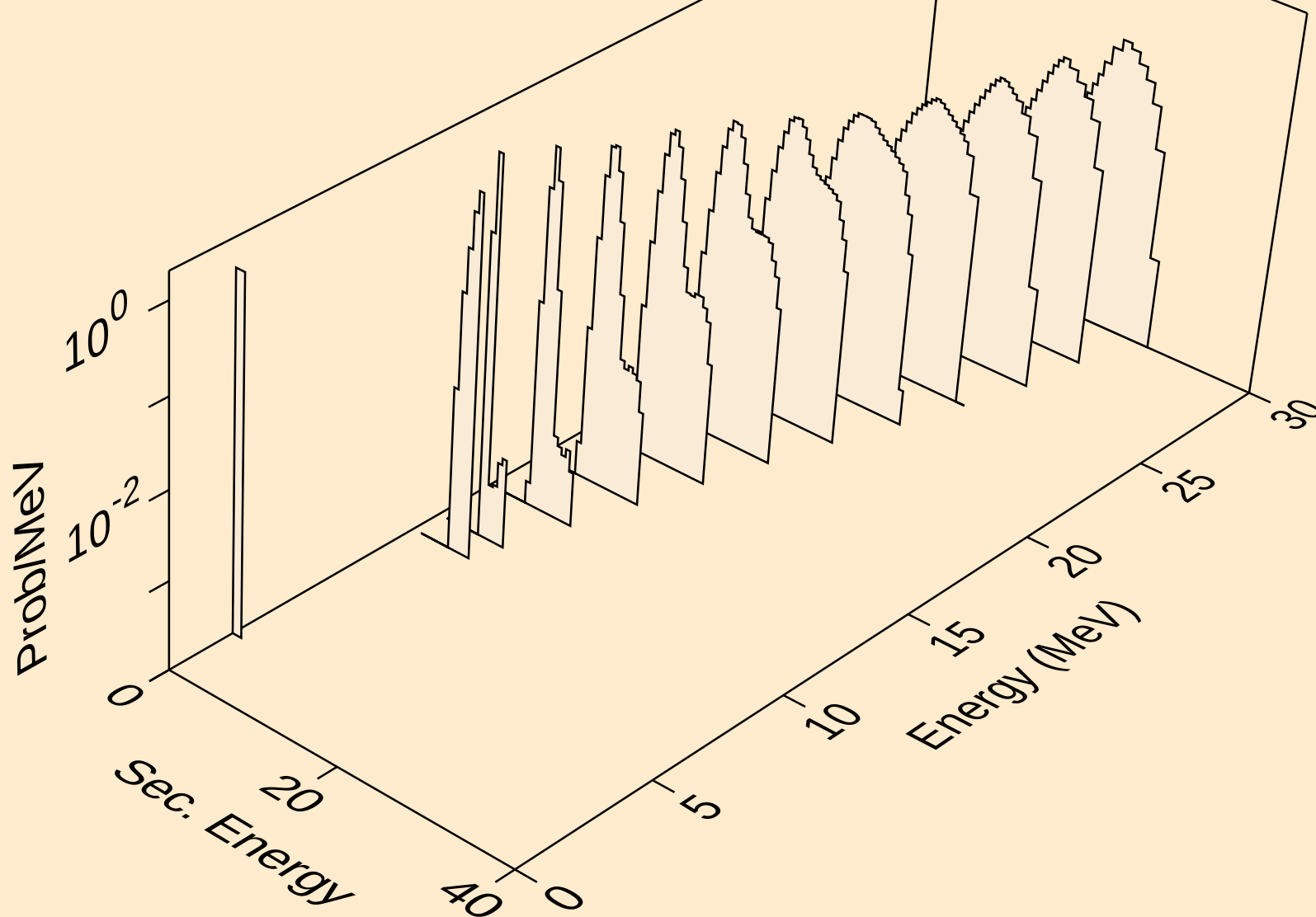
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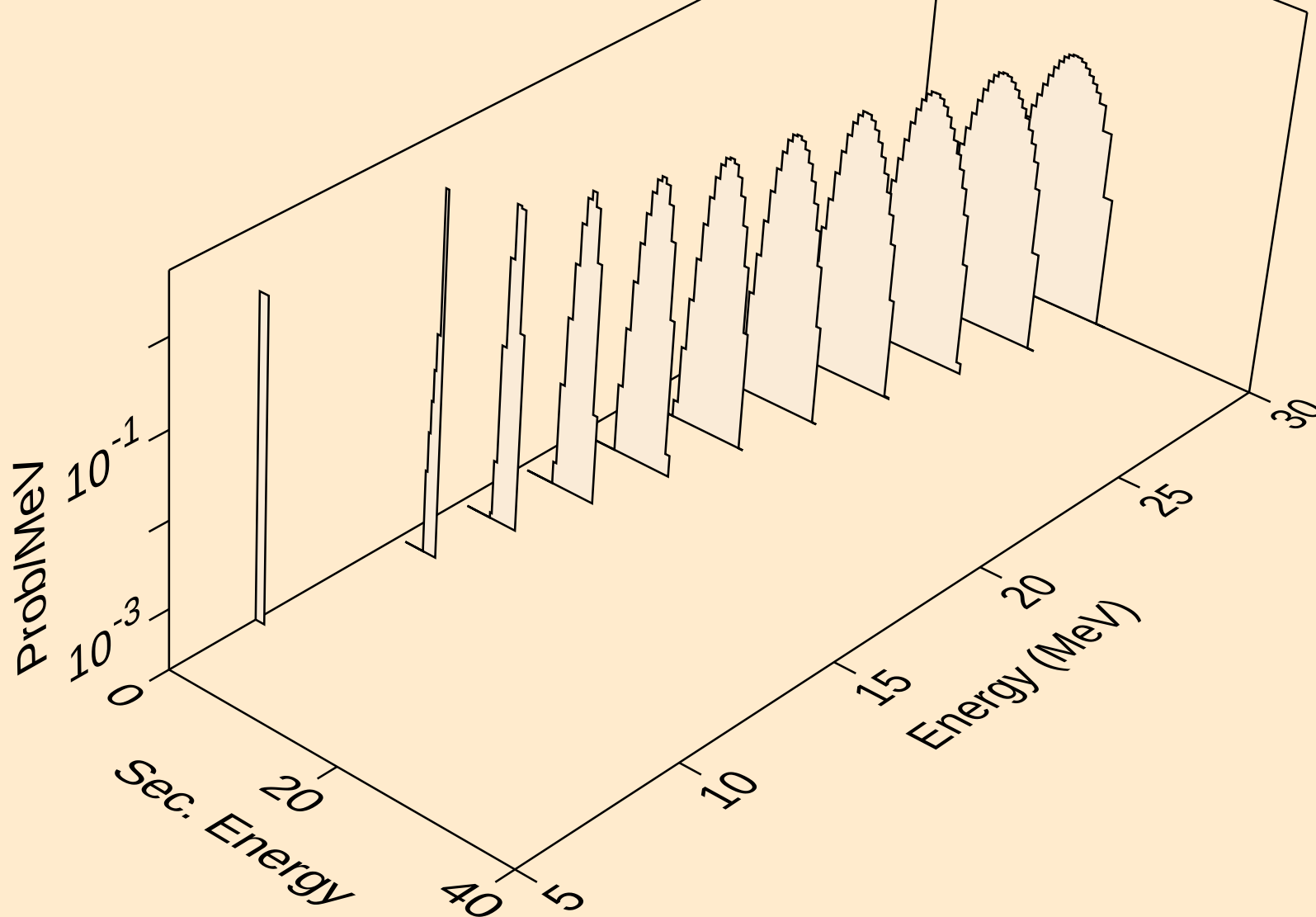
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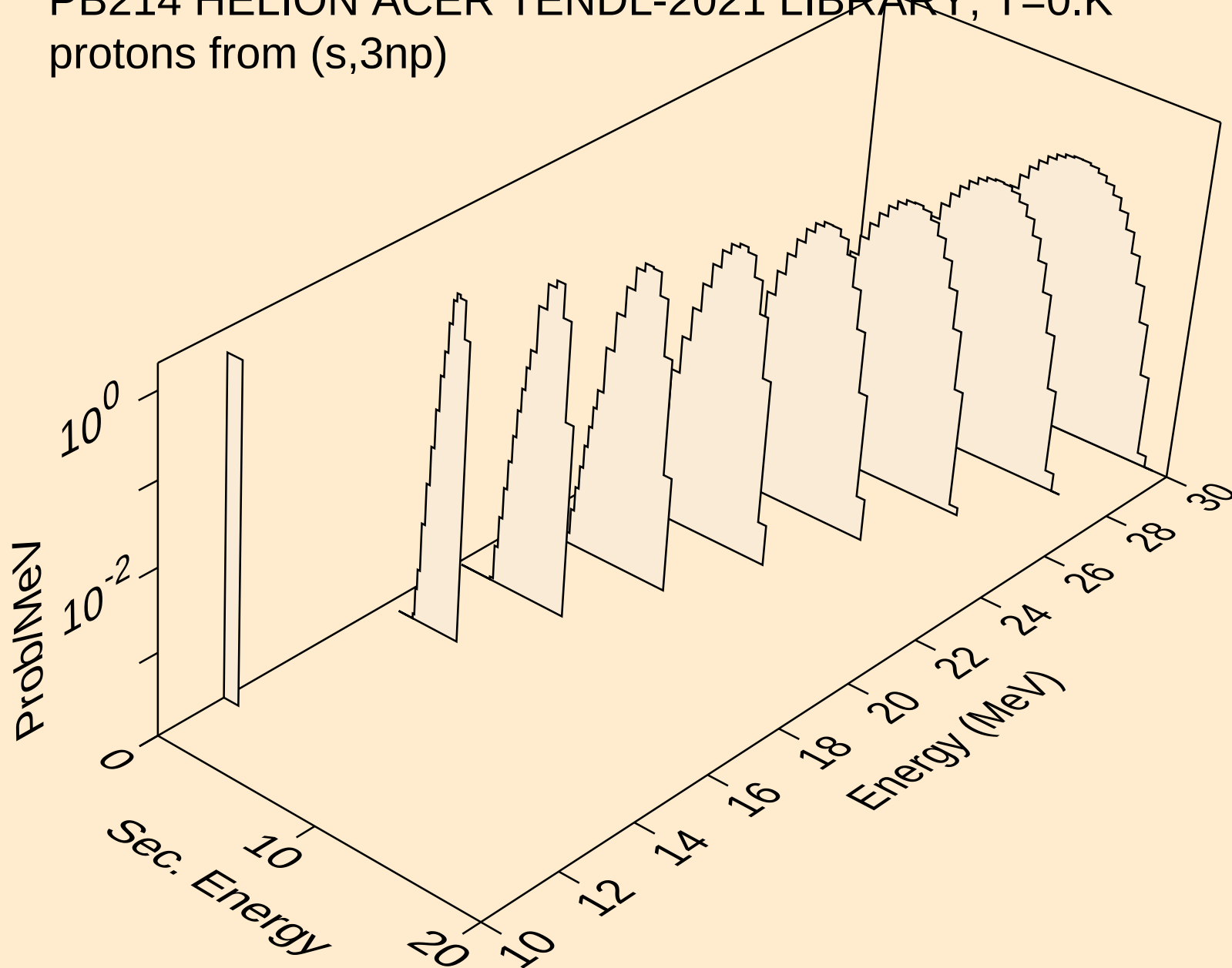
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protons from (s,n\*)p



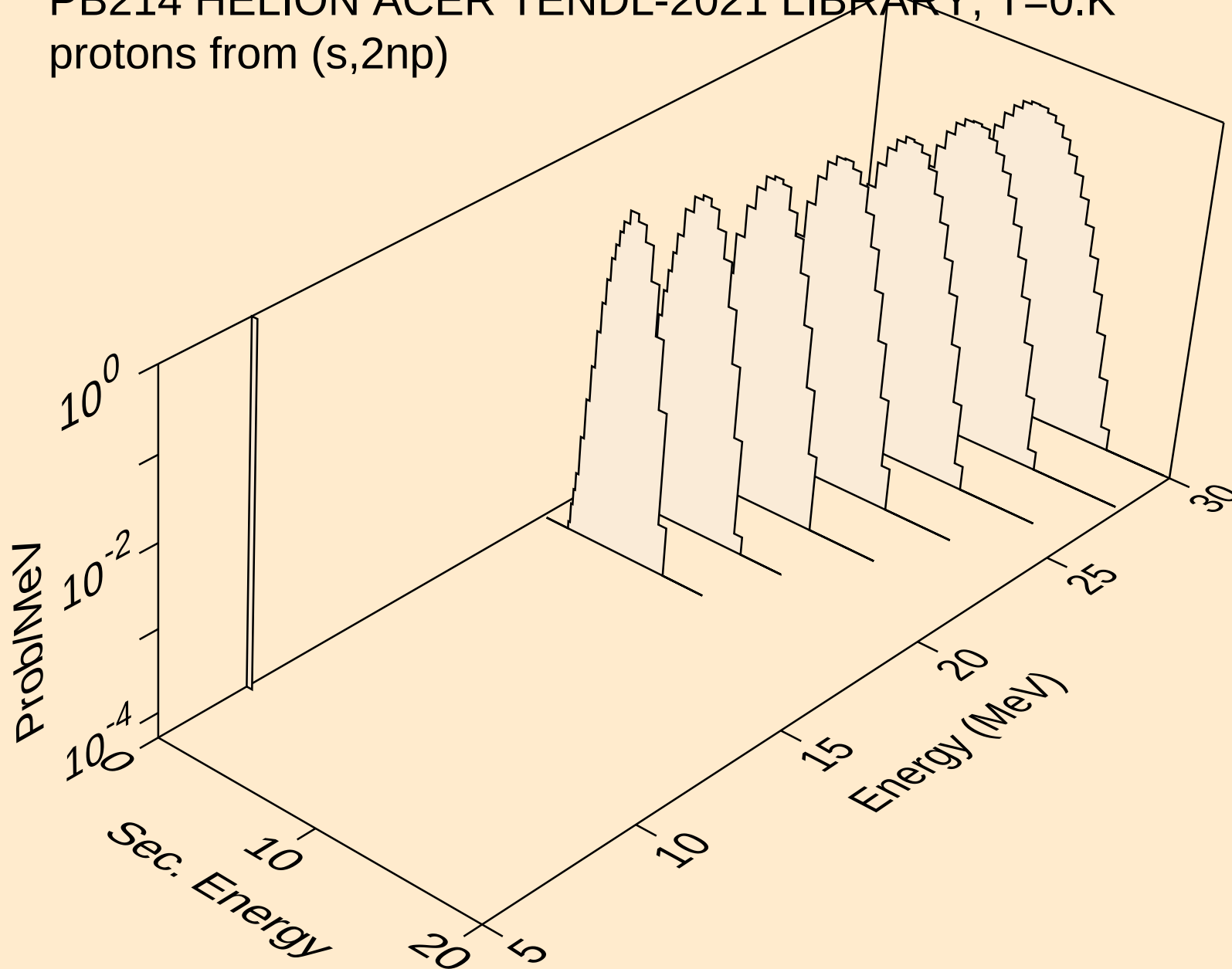
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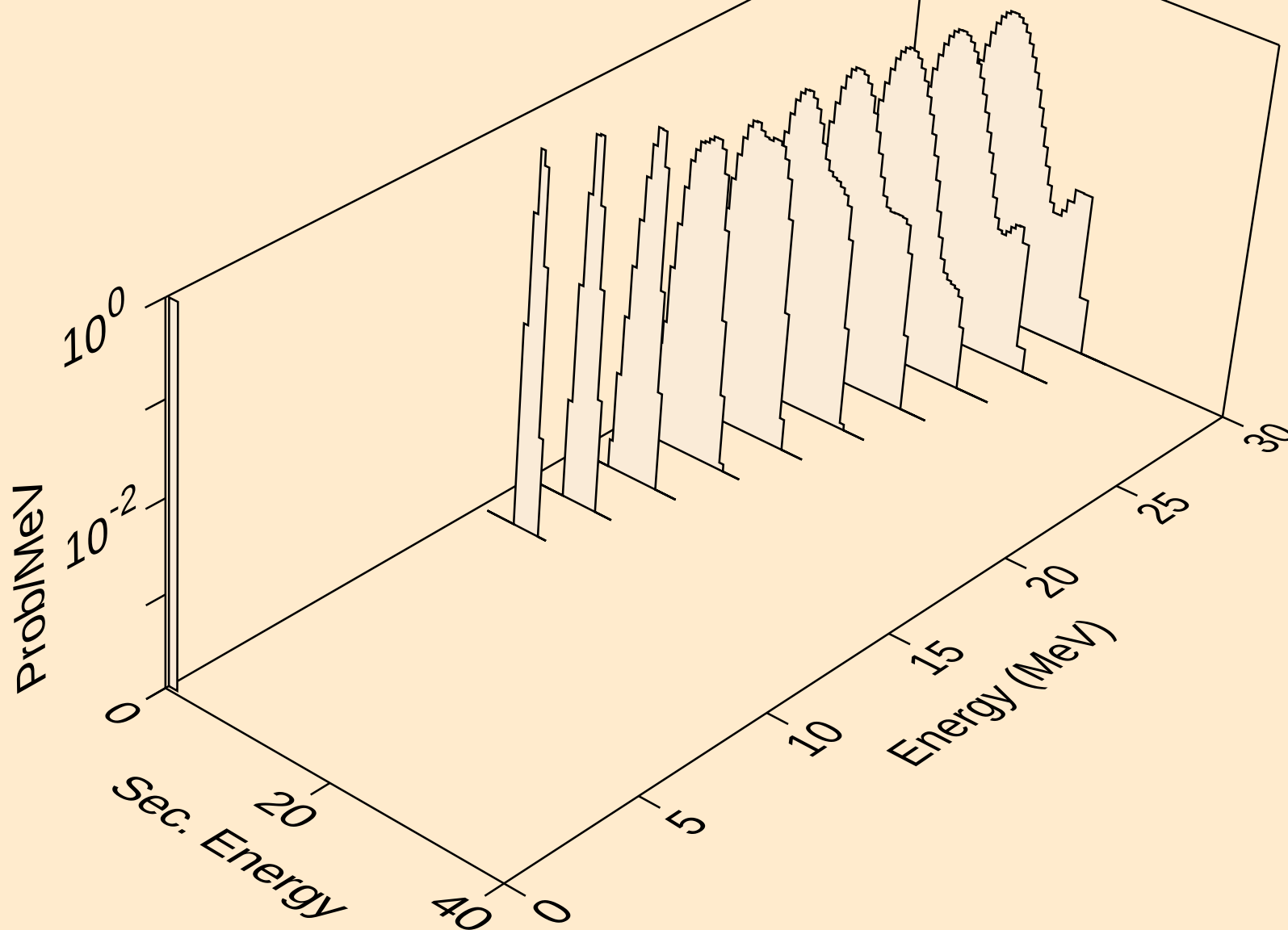
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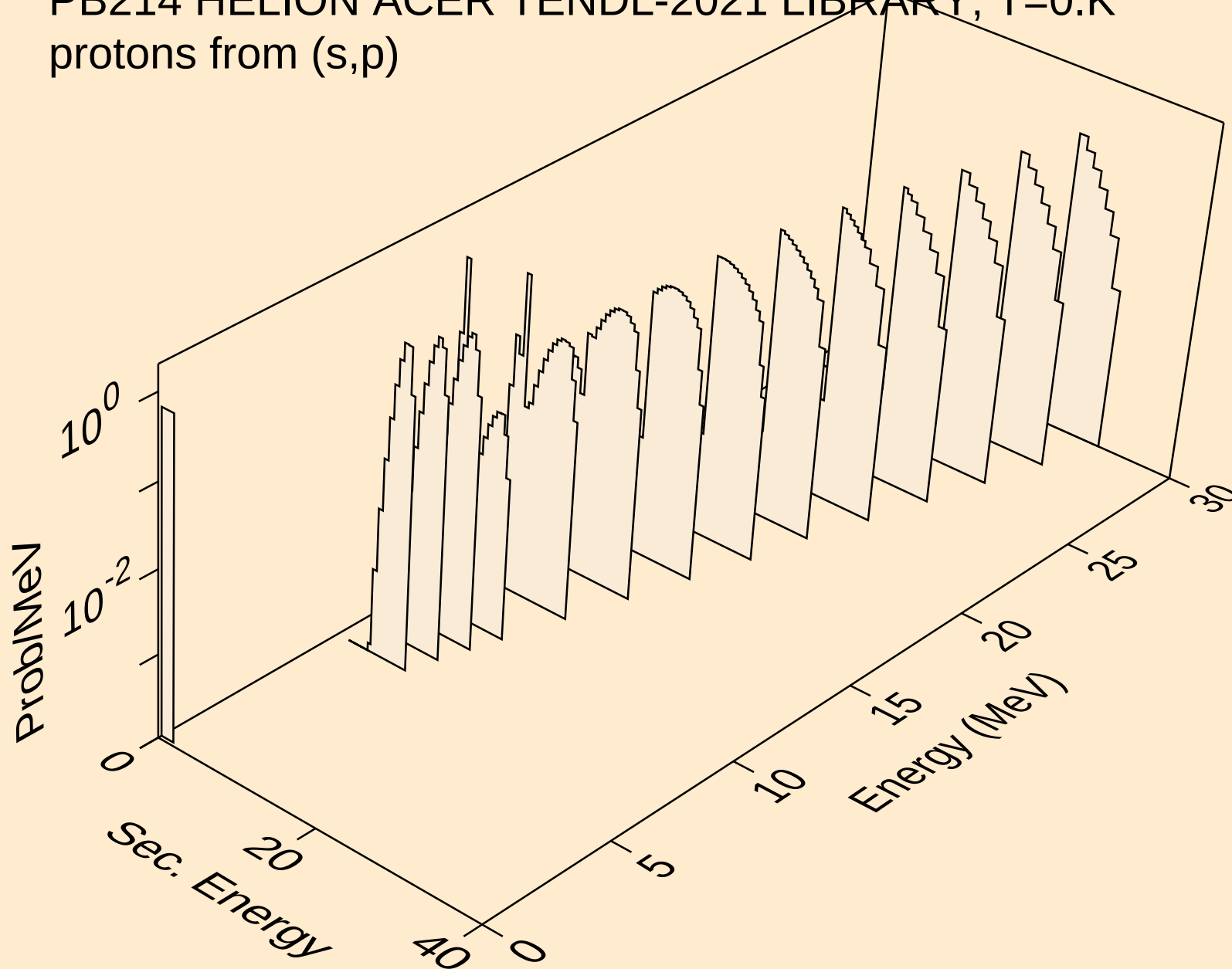
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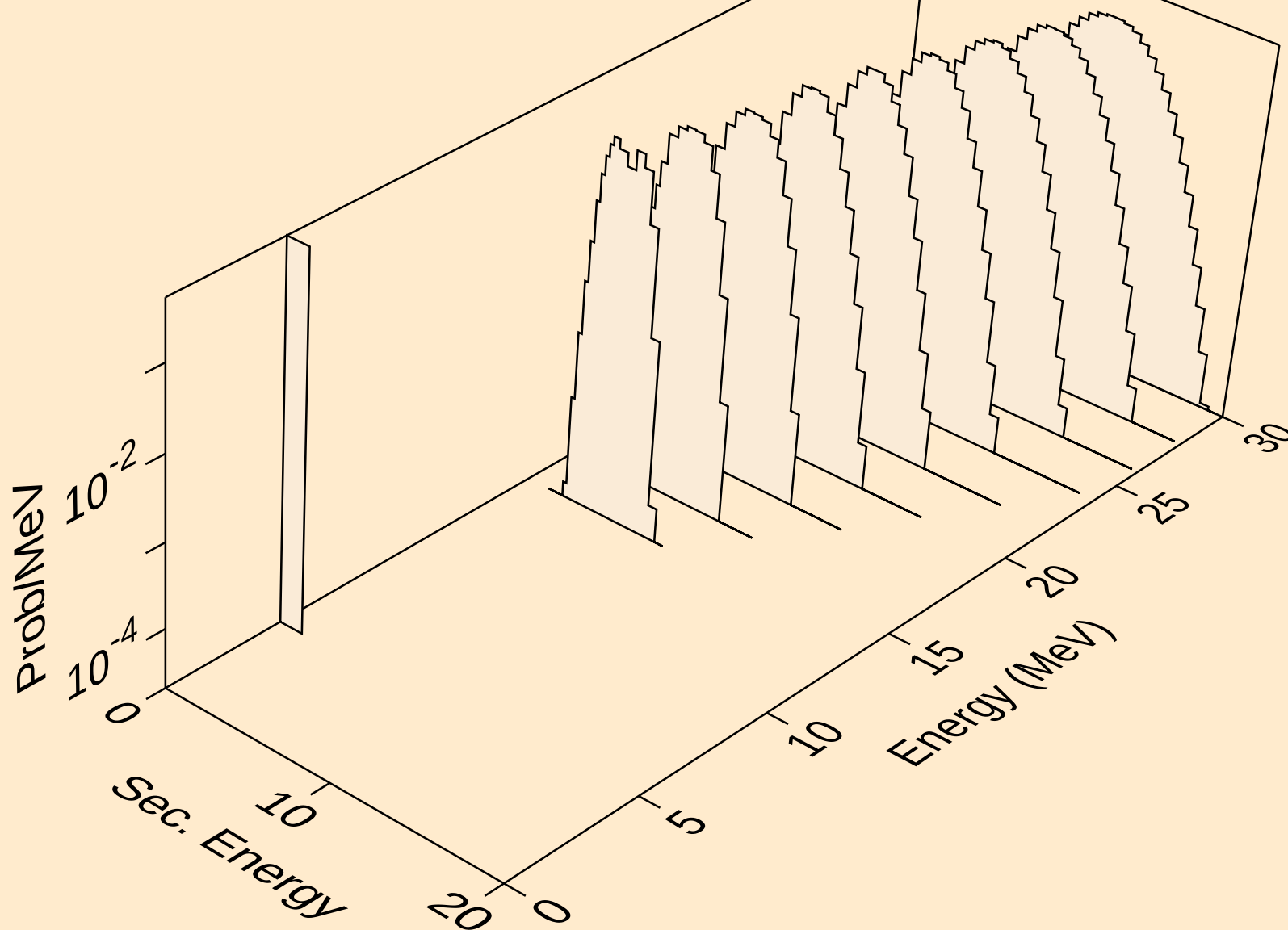
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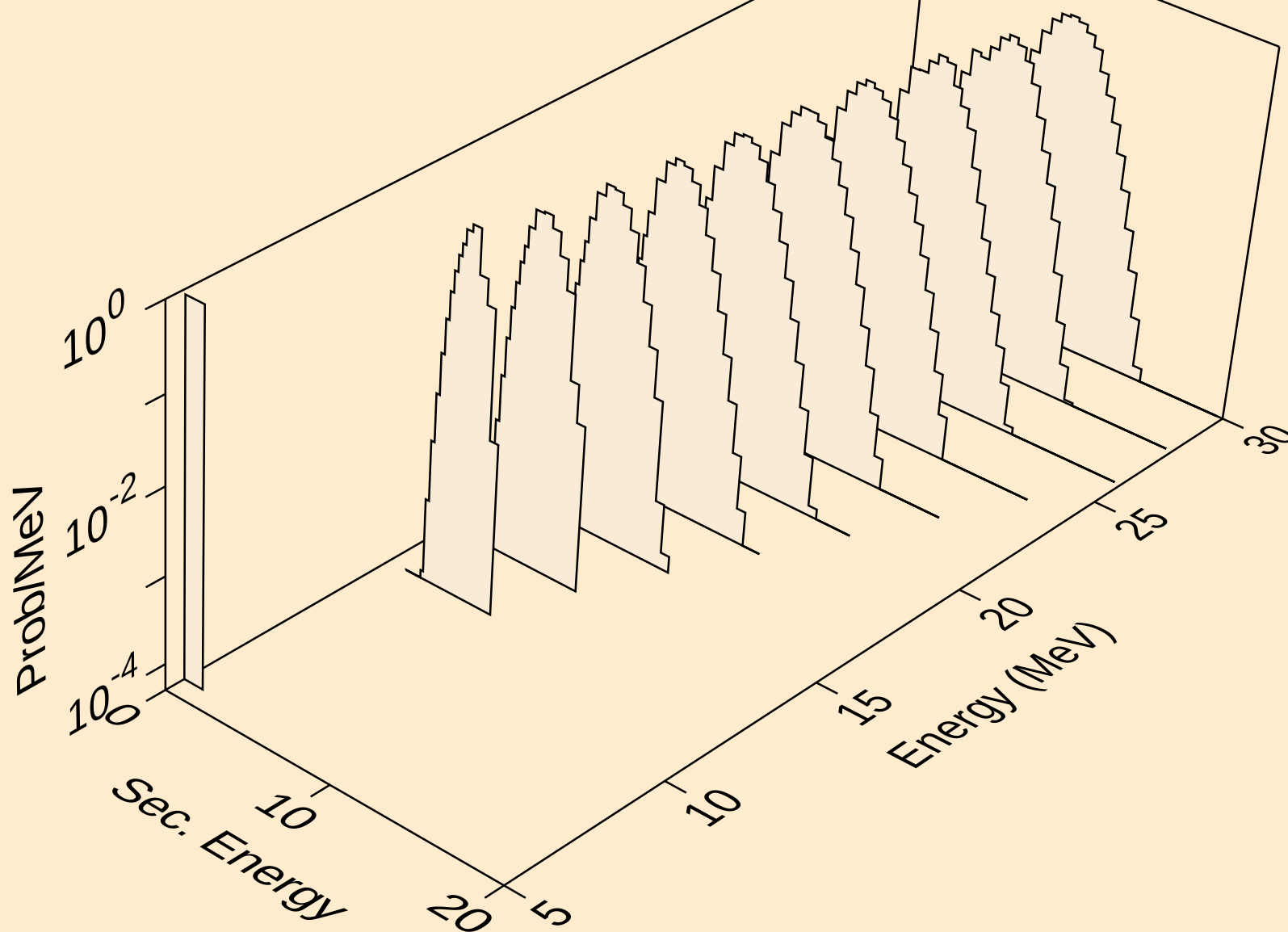
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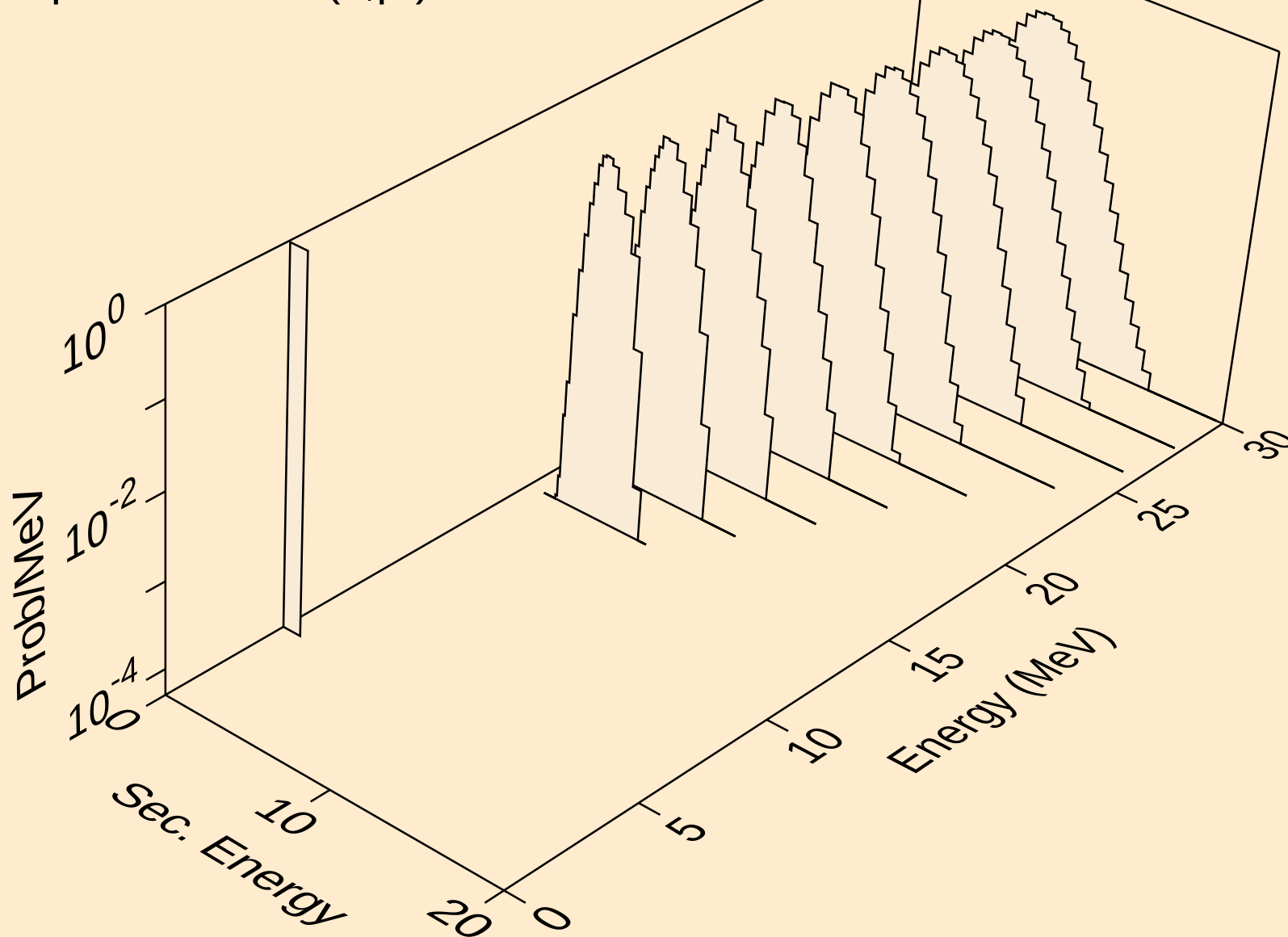
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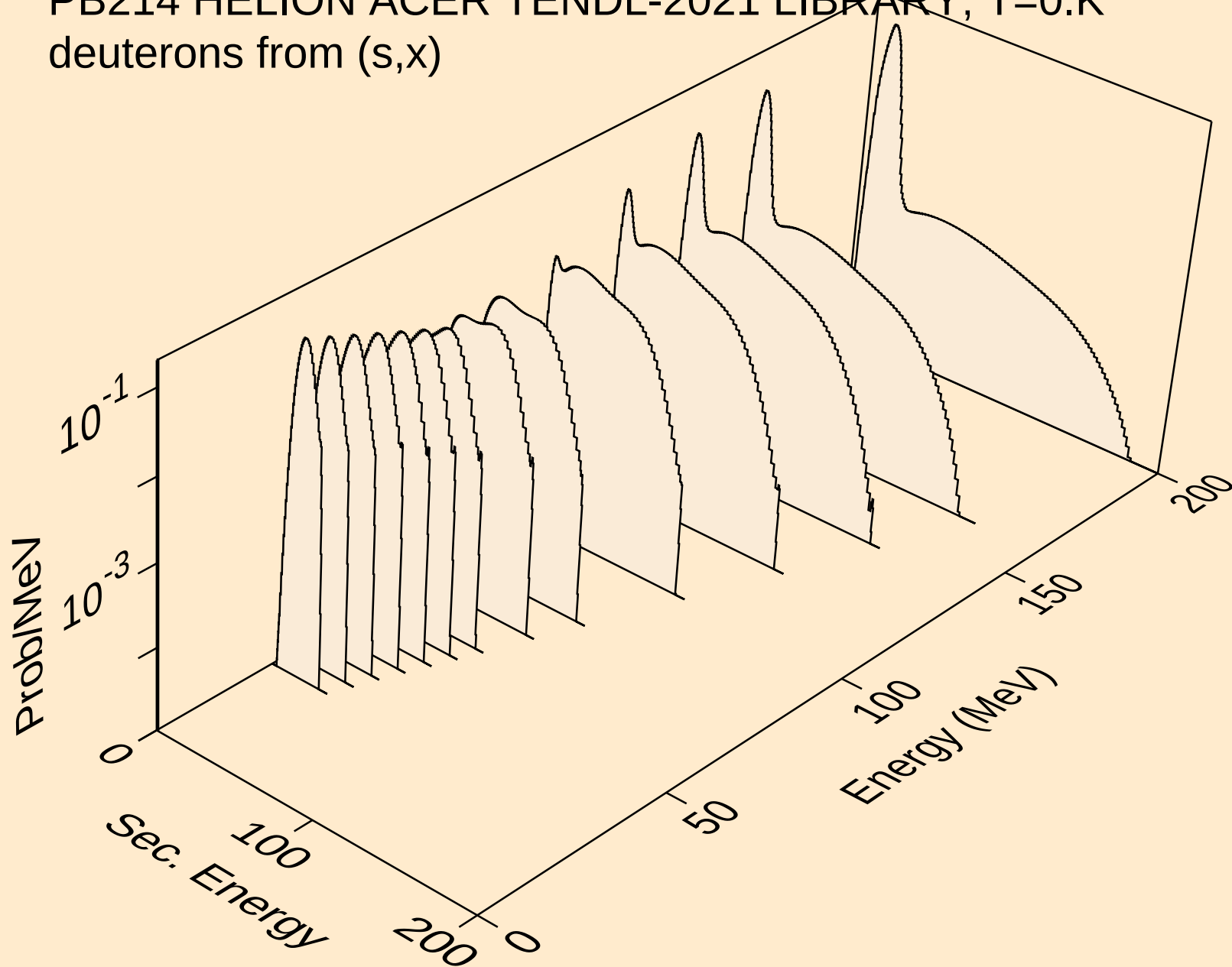
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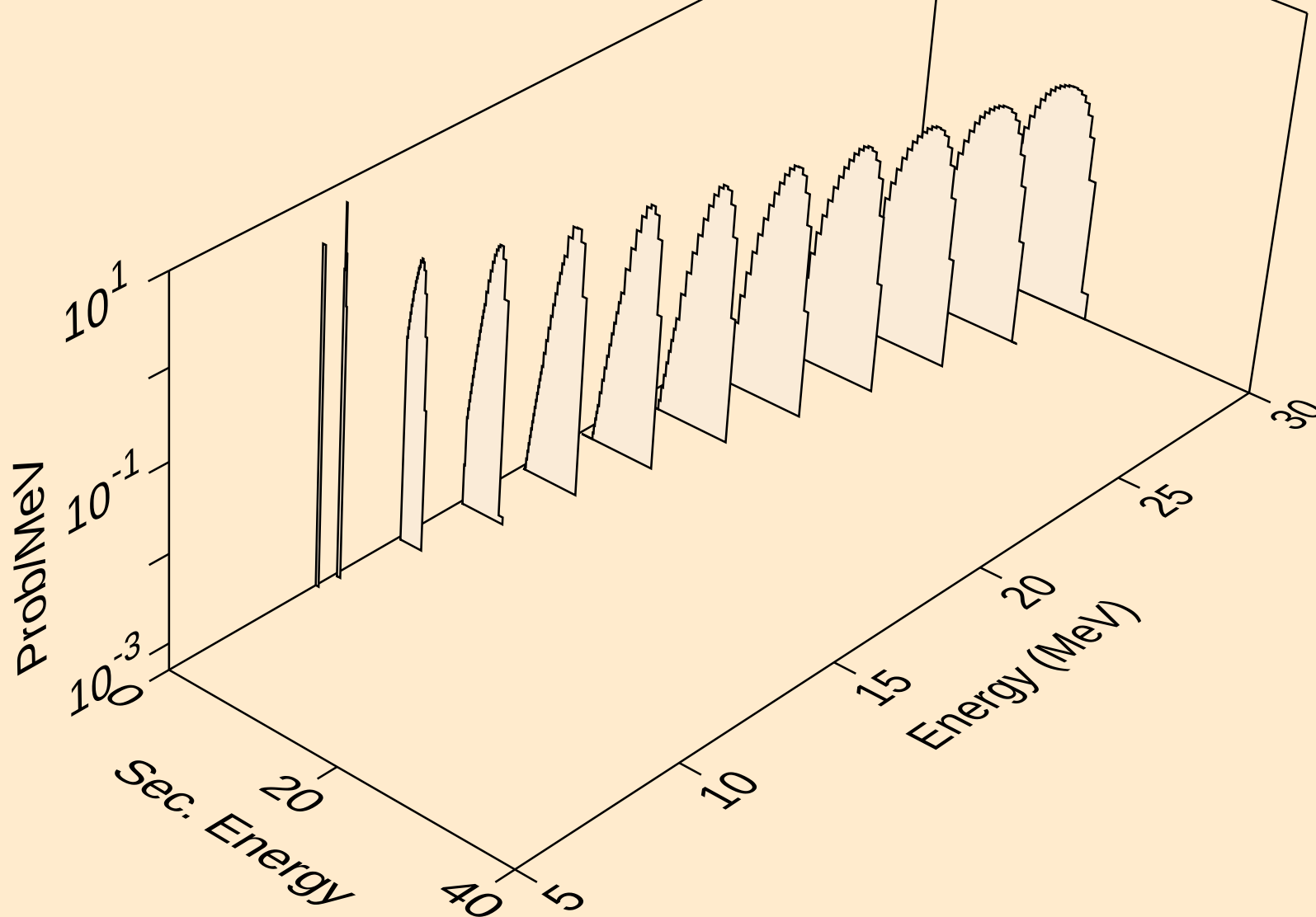
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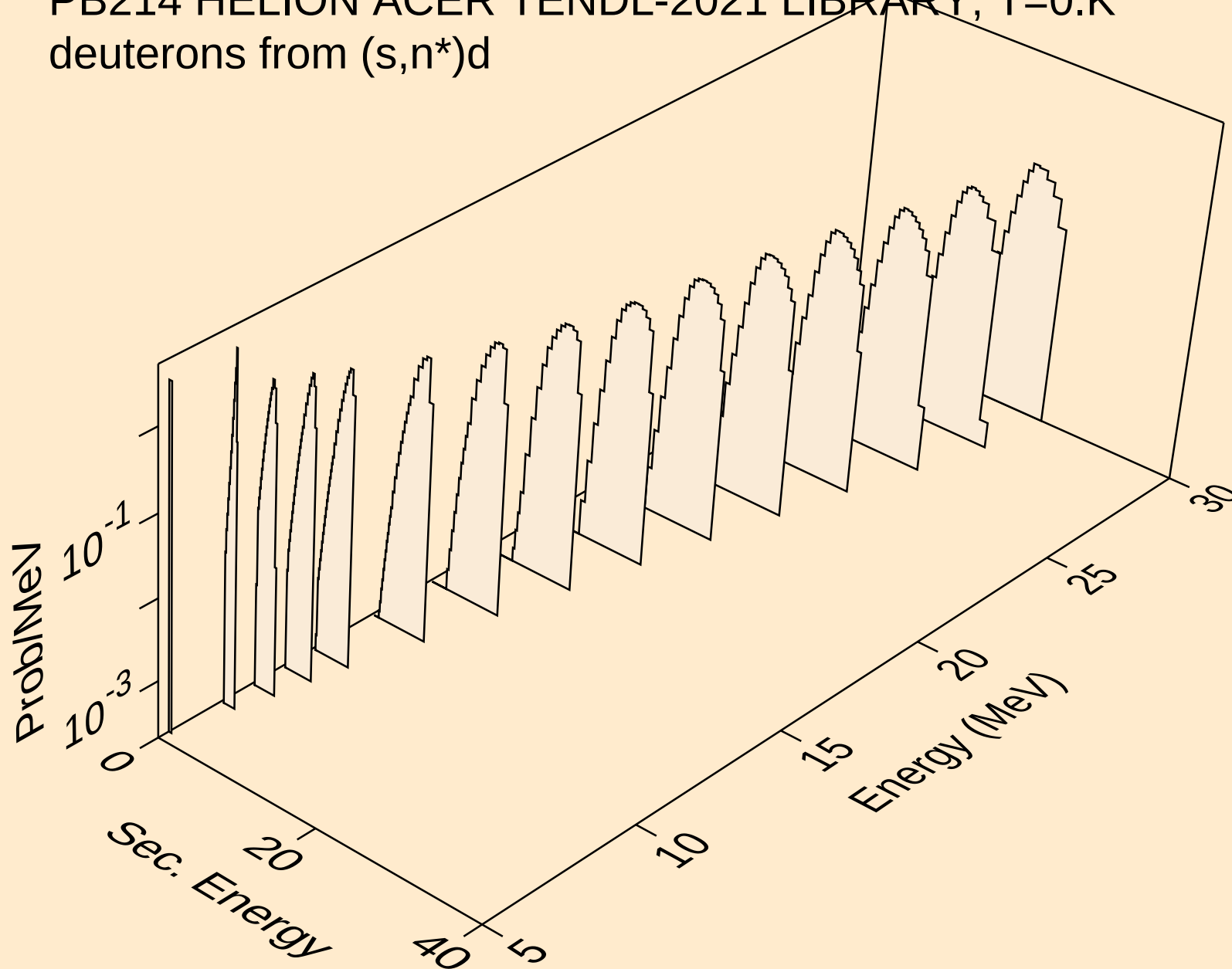
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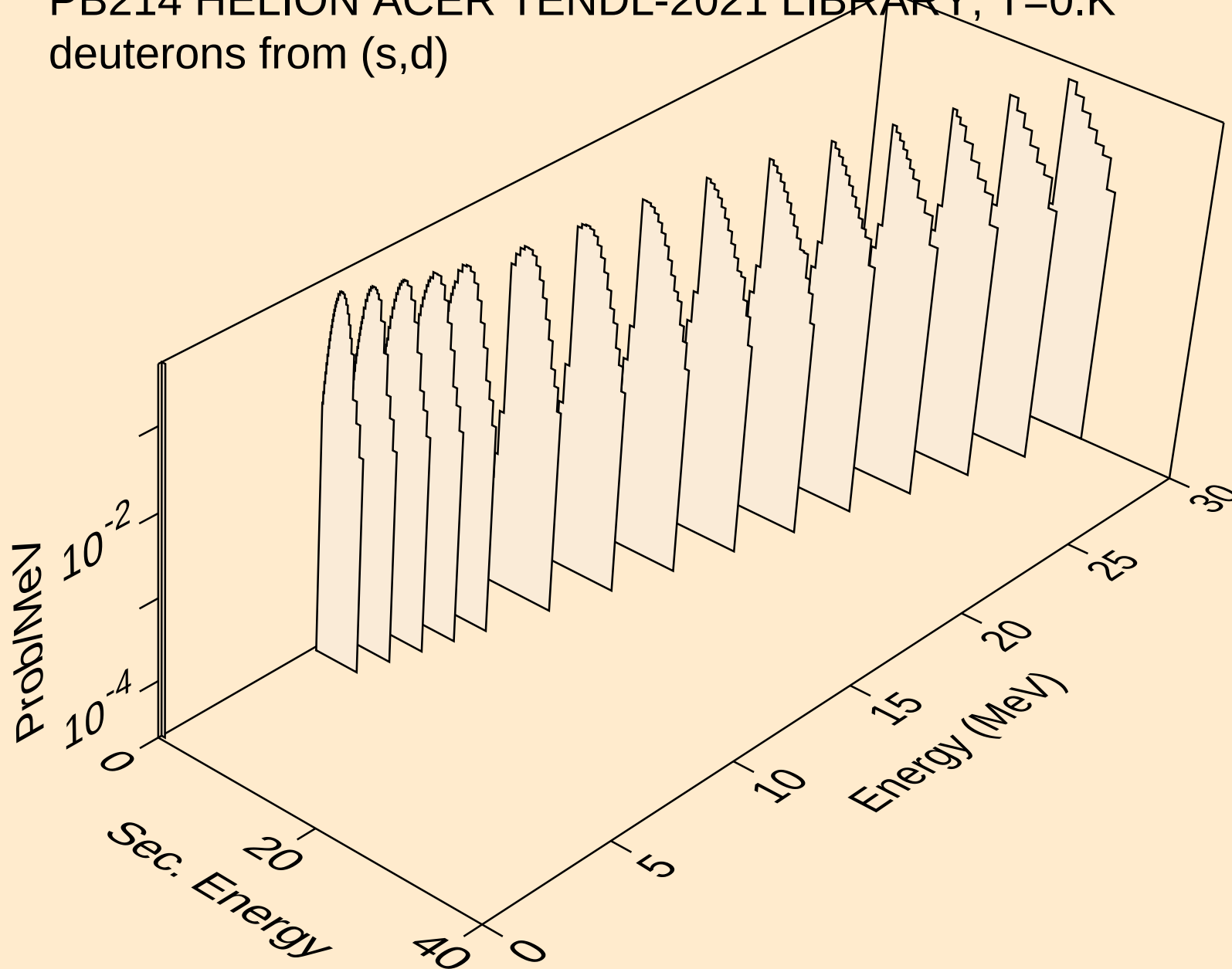
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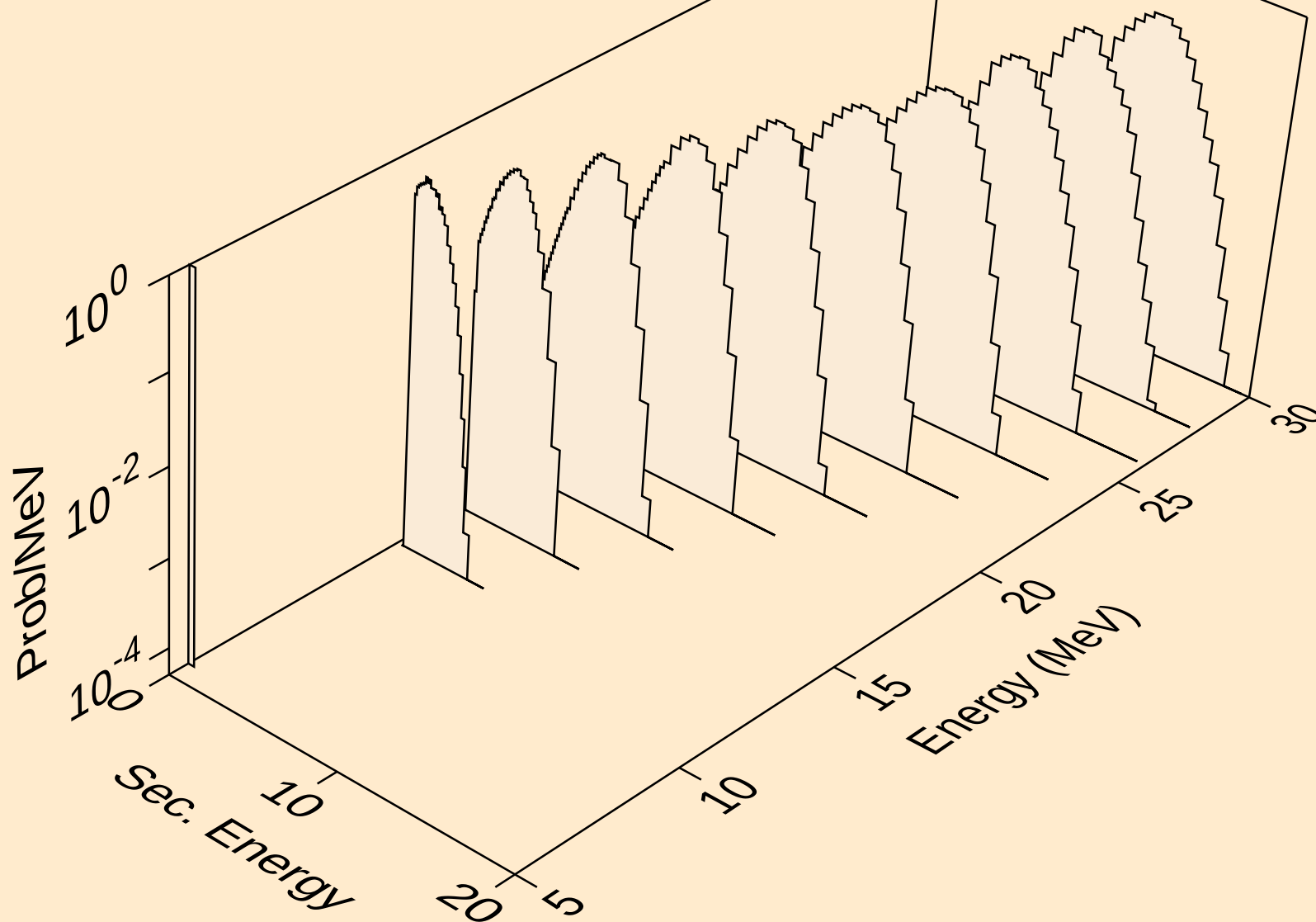
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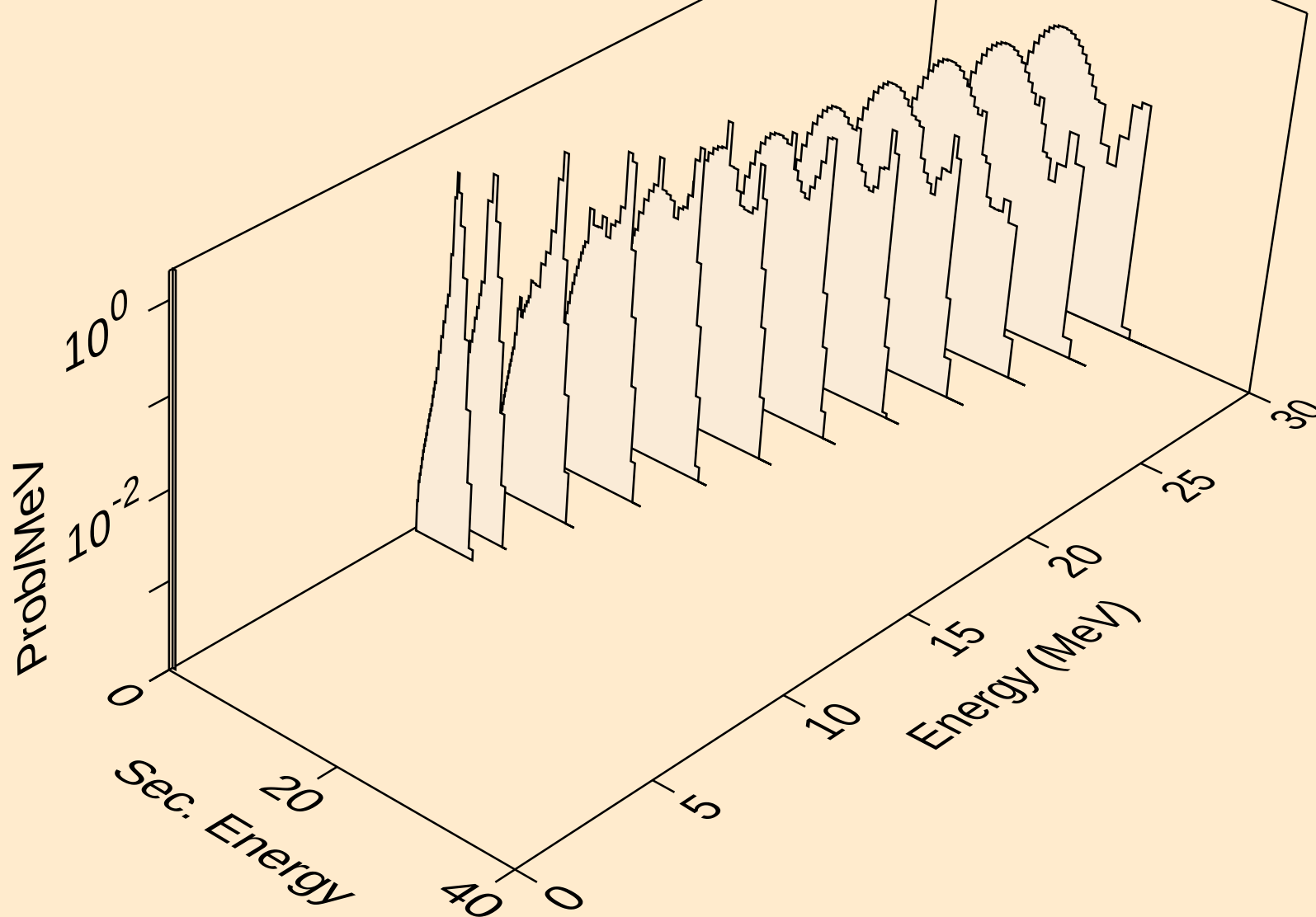
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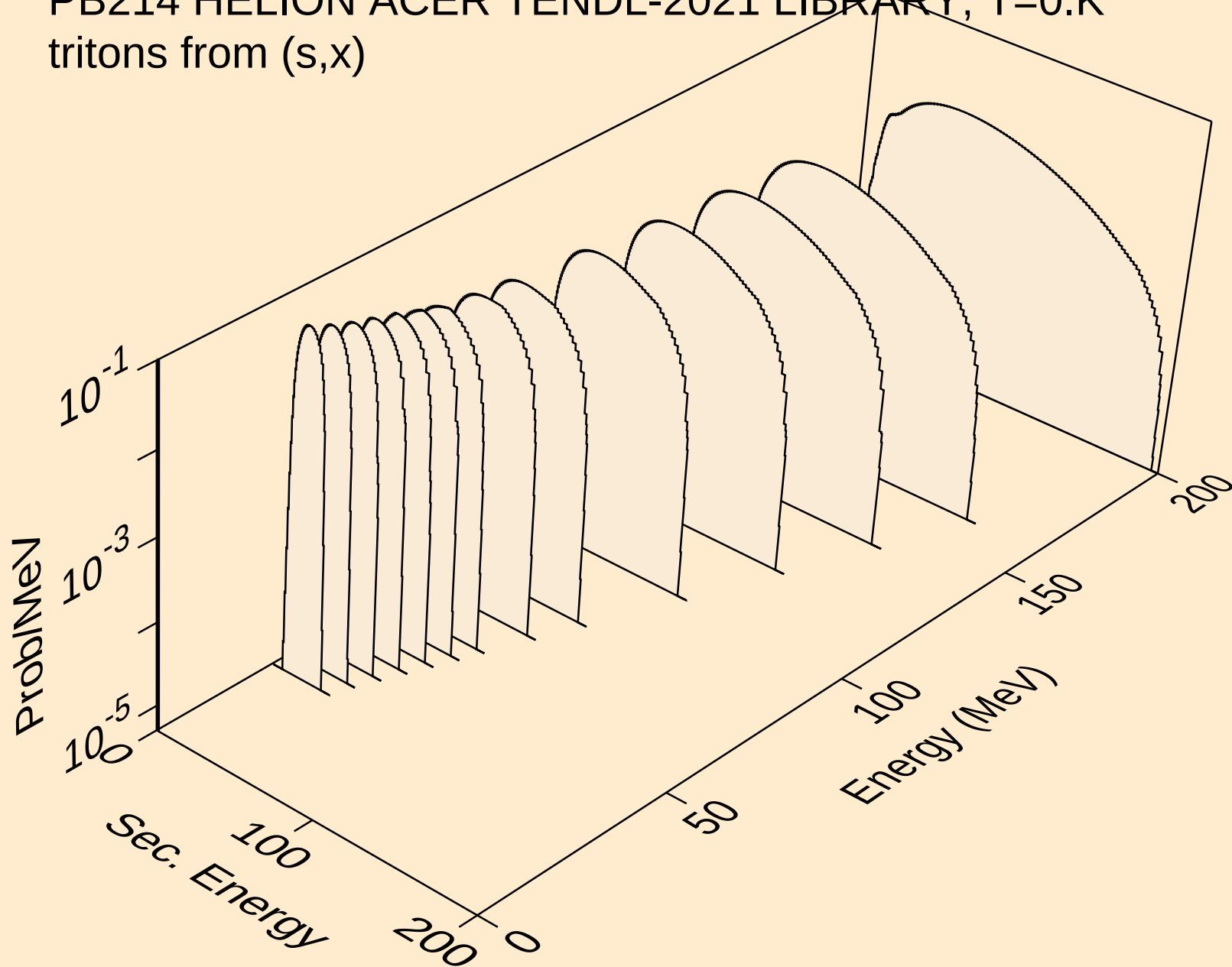
PB214 HELION ACER TENDL-2021 LIBRARY; T=0.K  
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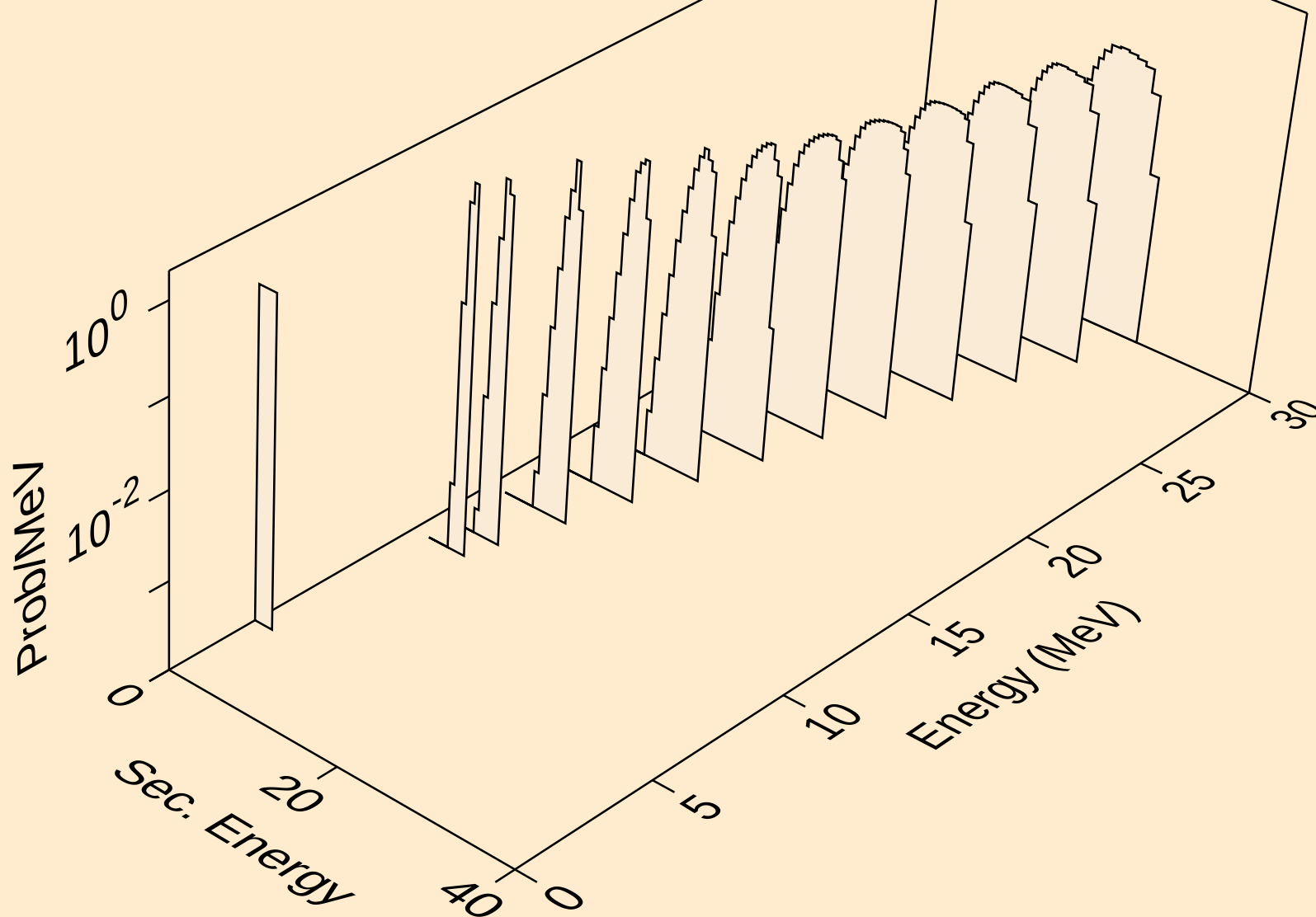
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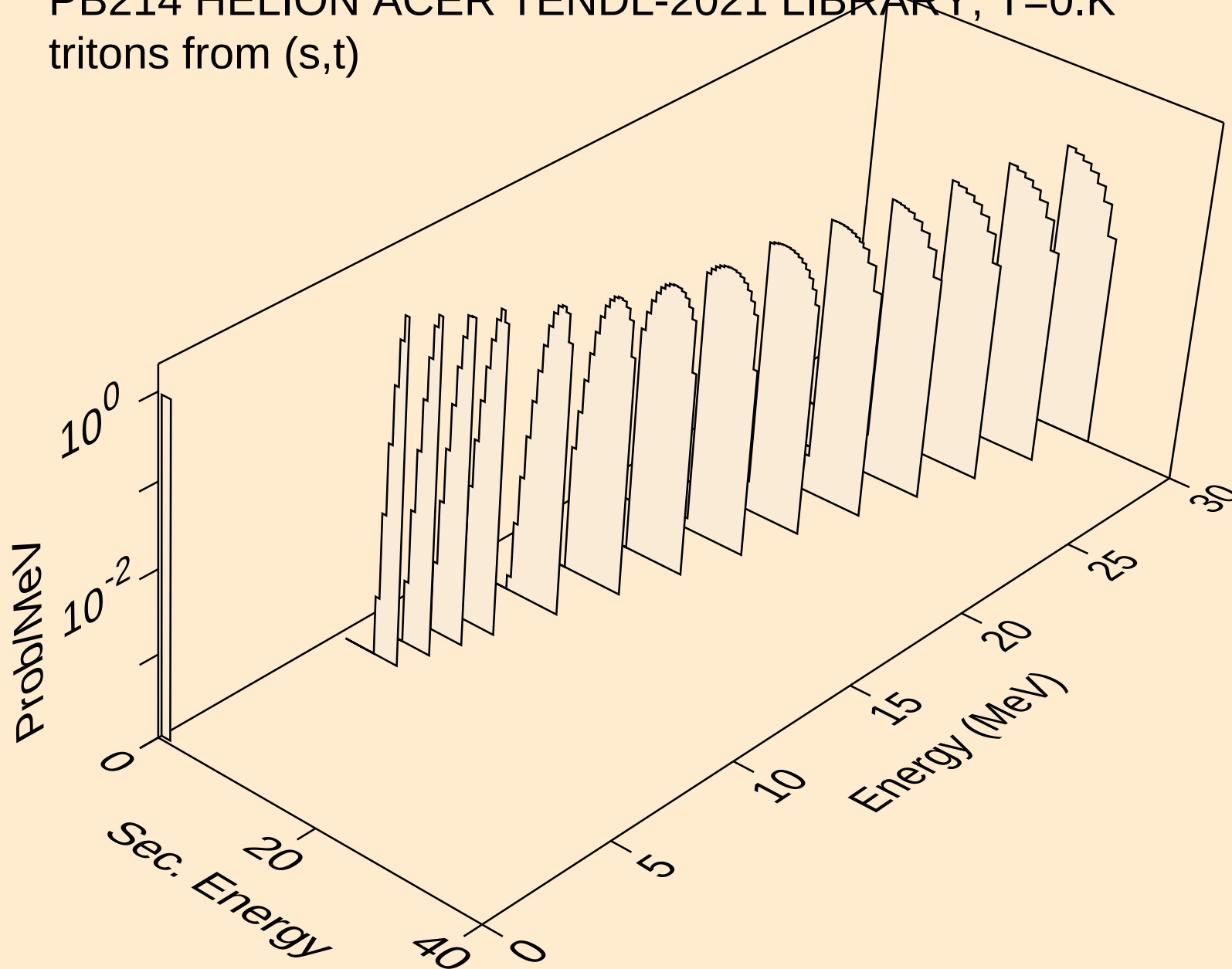
PB214 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,x)



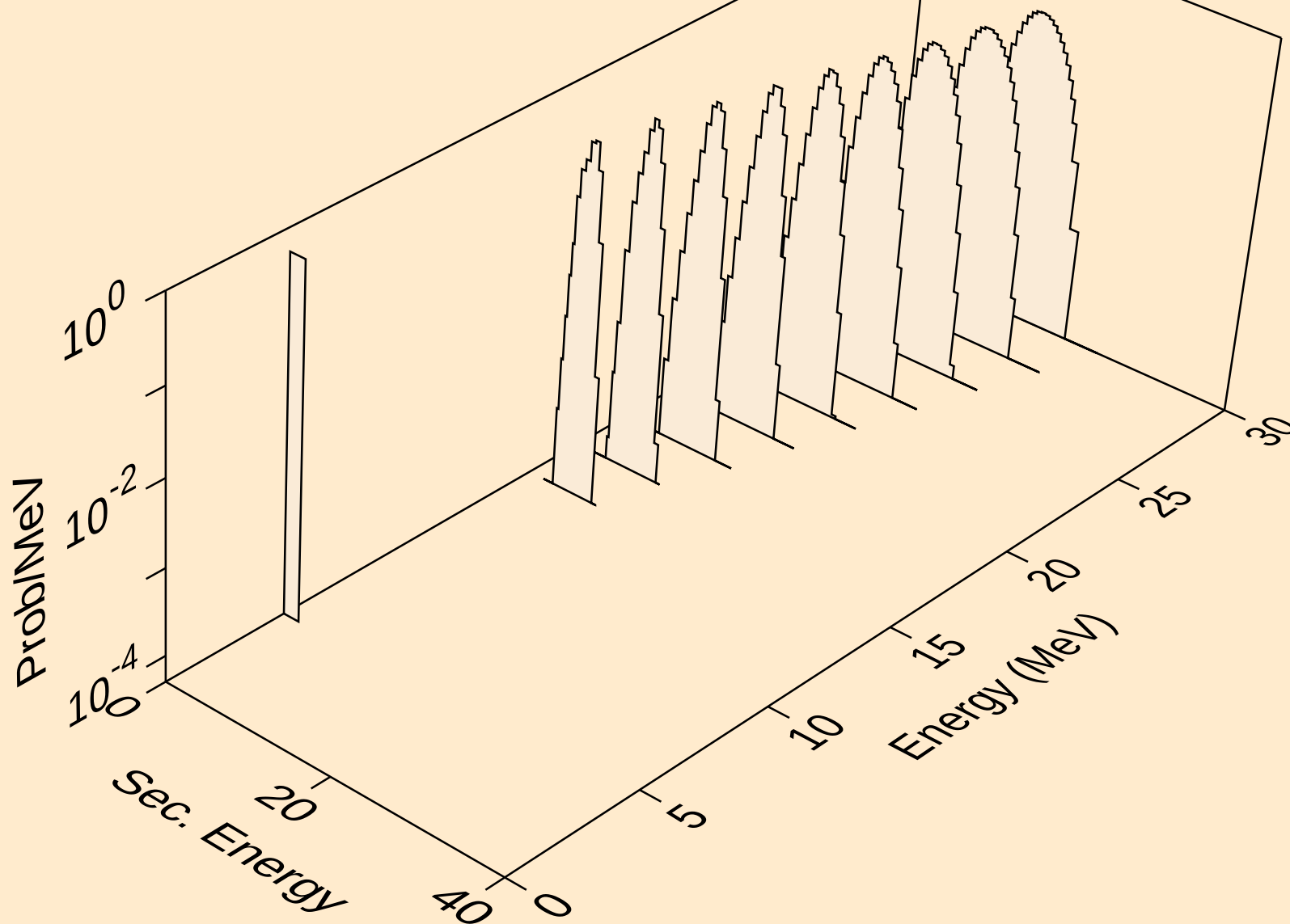
PB214 HELION ACER TENDL-2021 LIBRARY; T=0.K  
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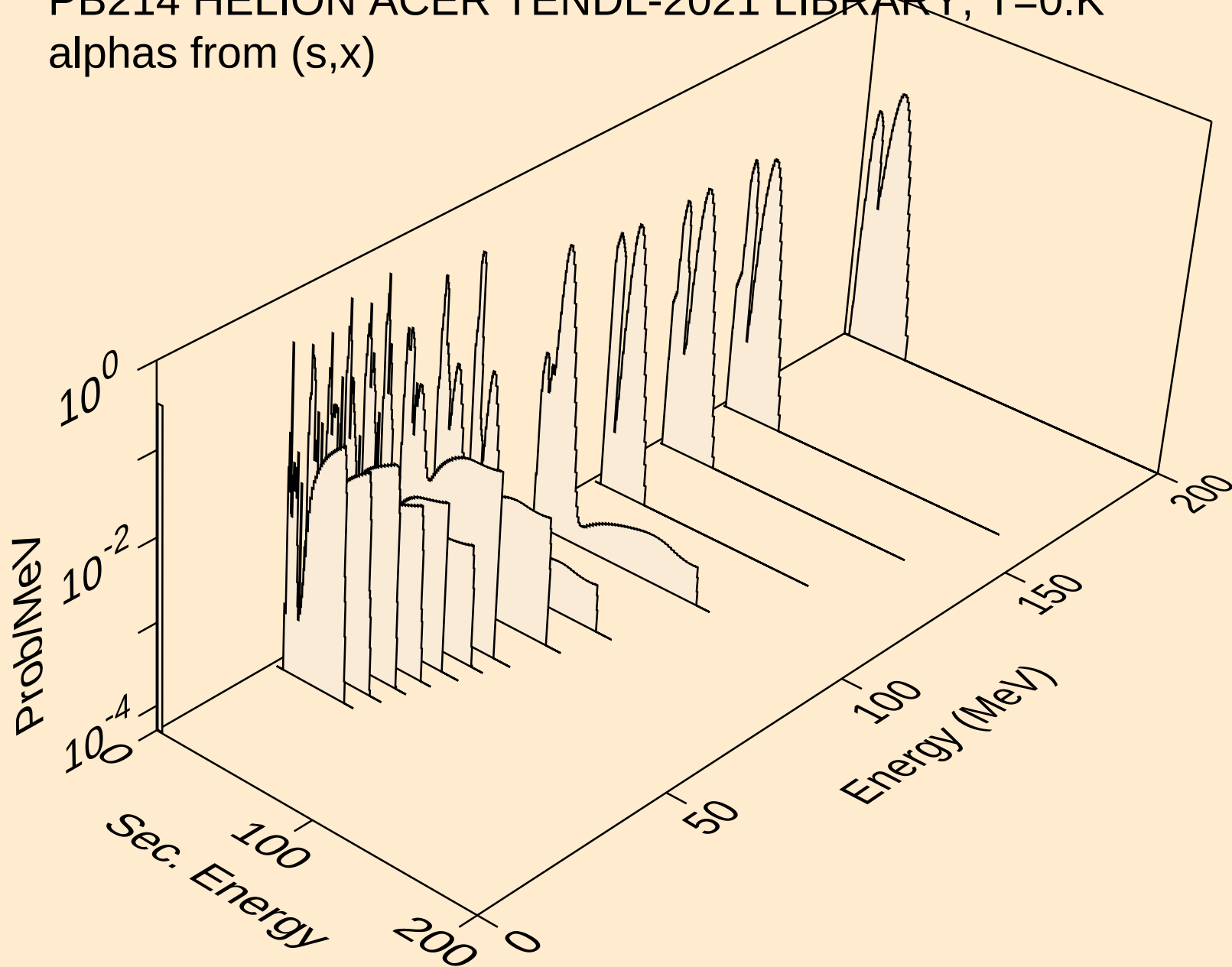
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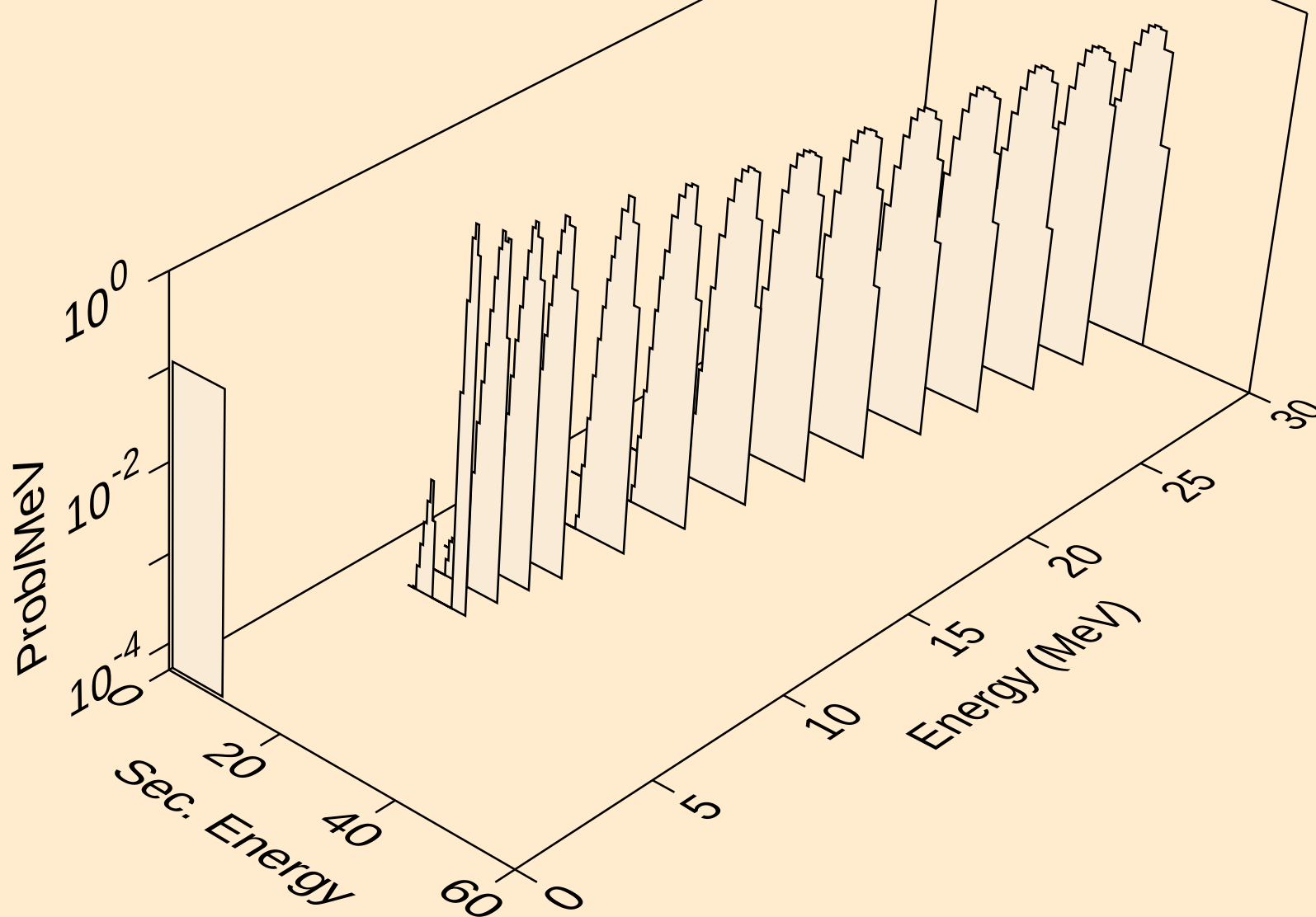
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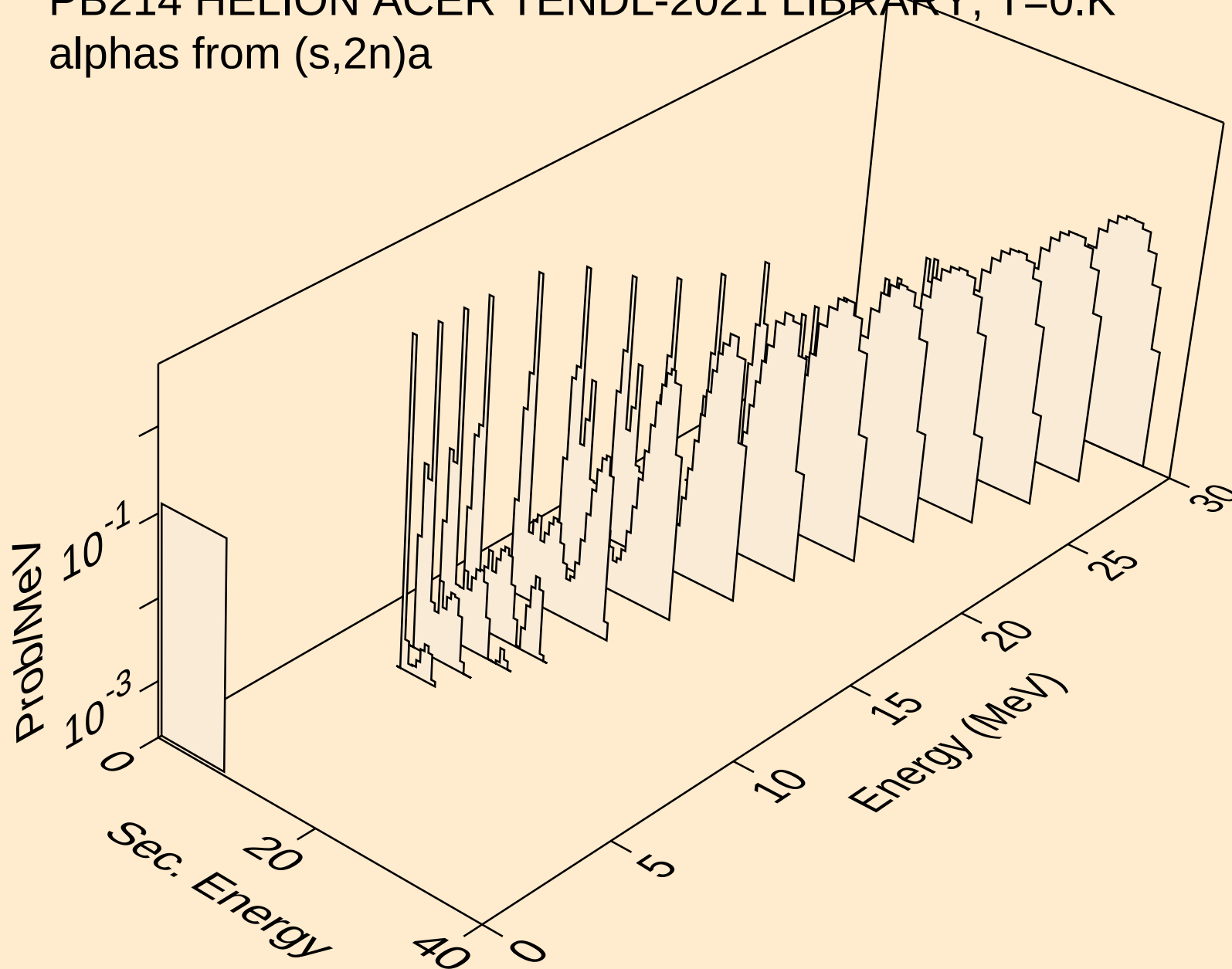
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alphas from (s,x)



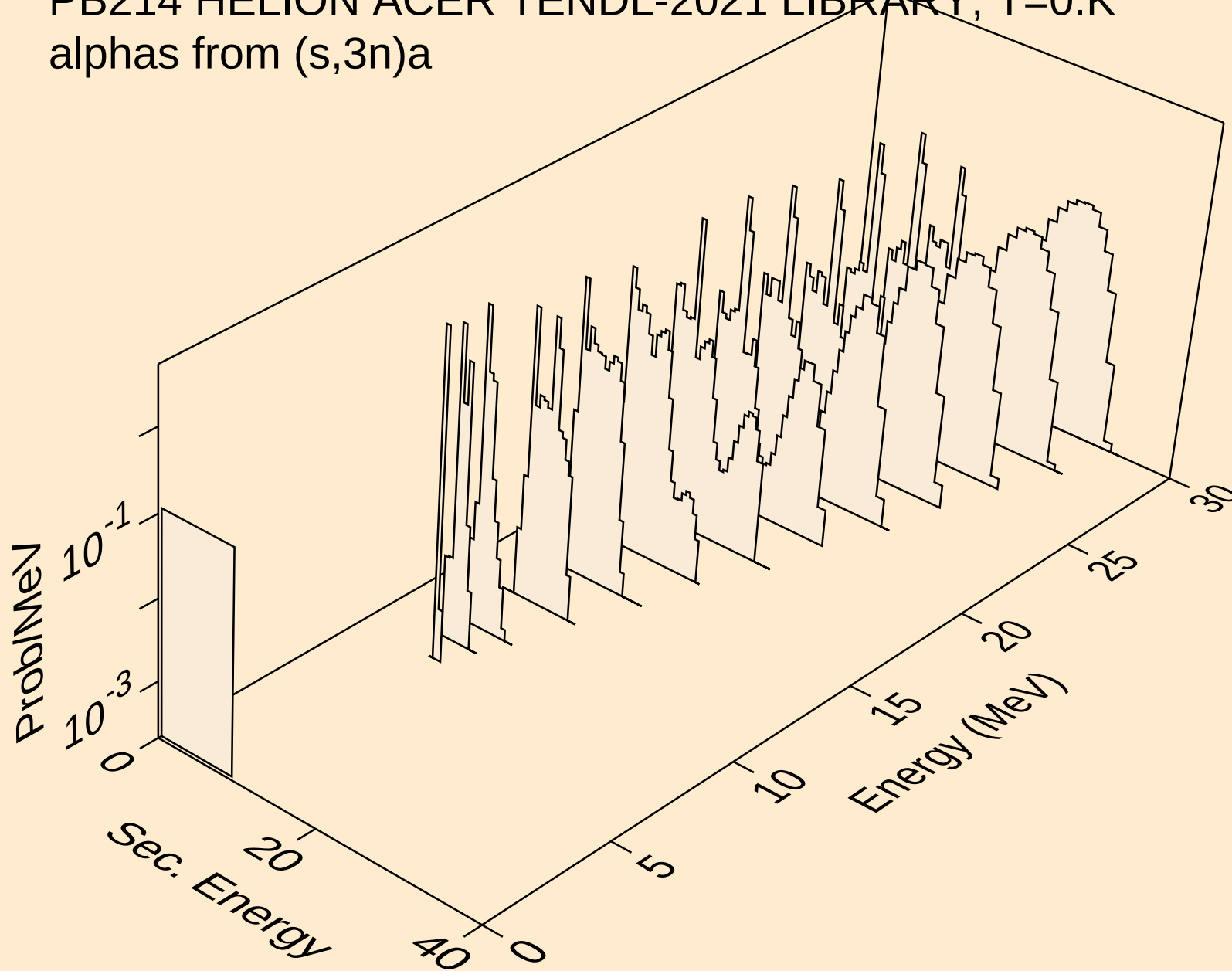
PB214 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)a



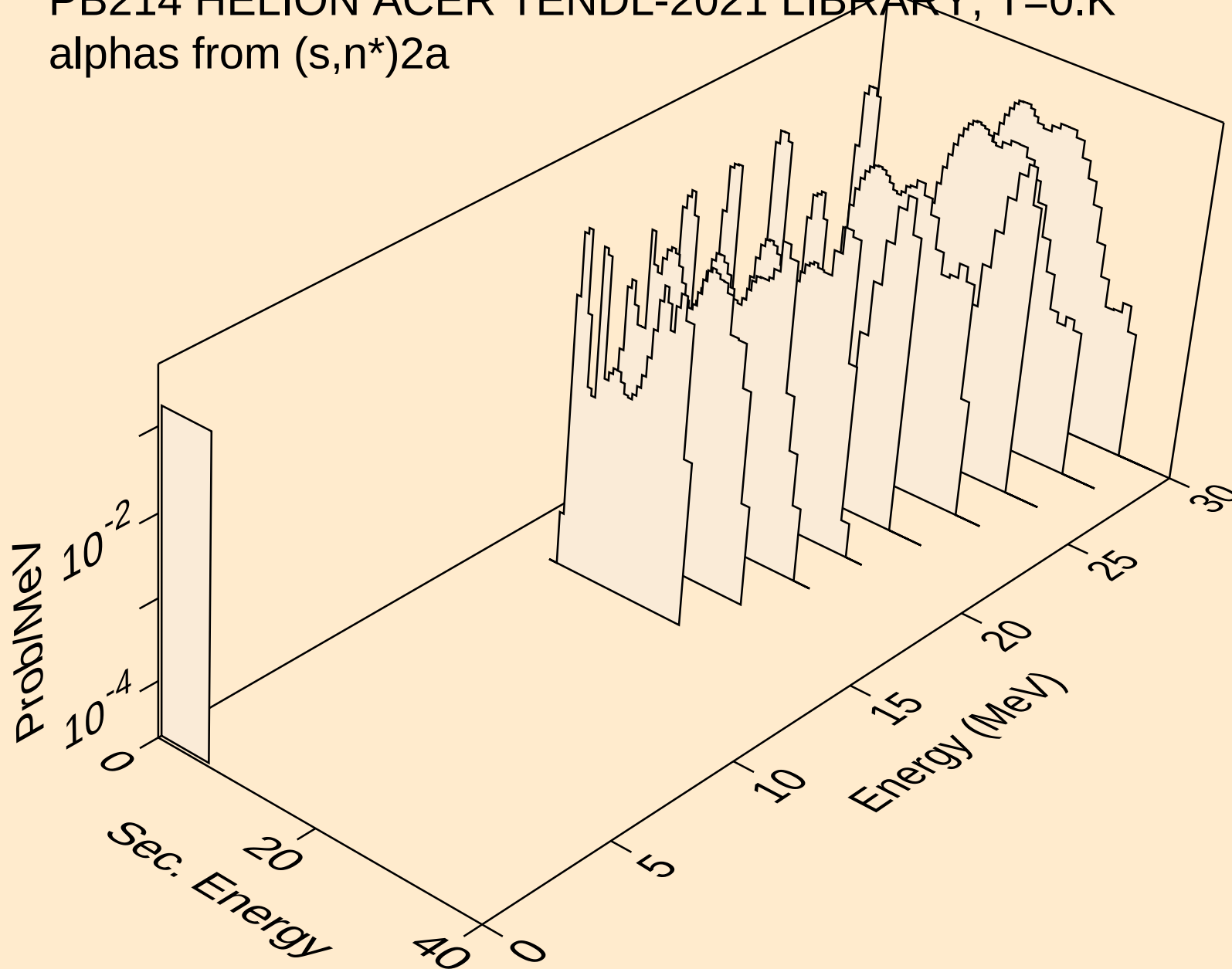
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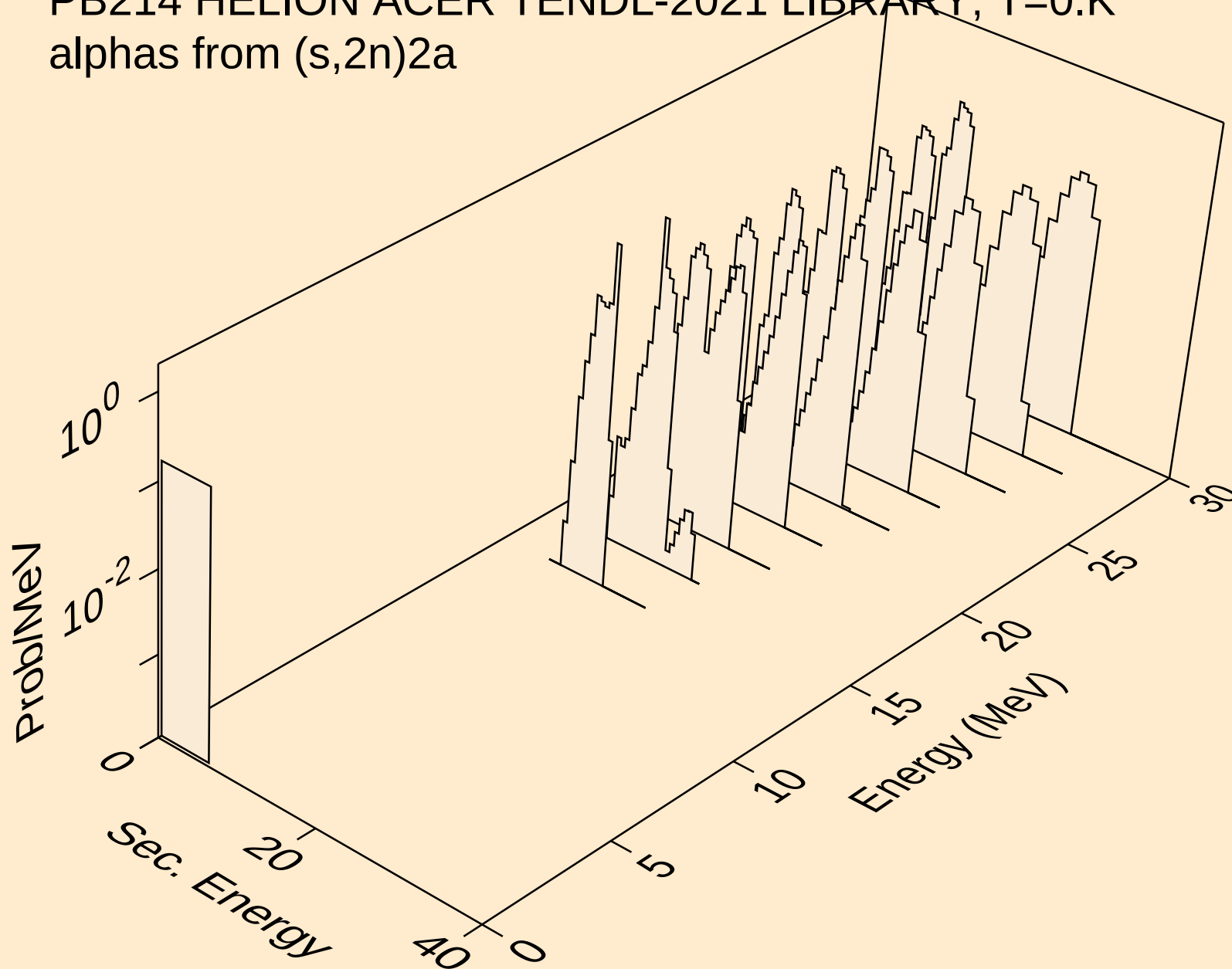
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alphas from (s,3n)a



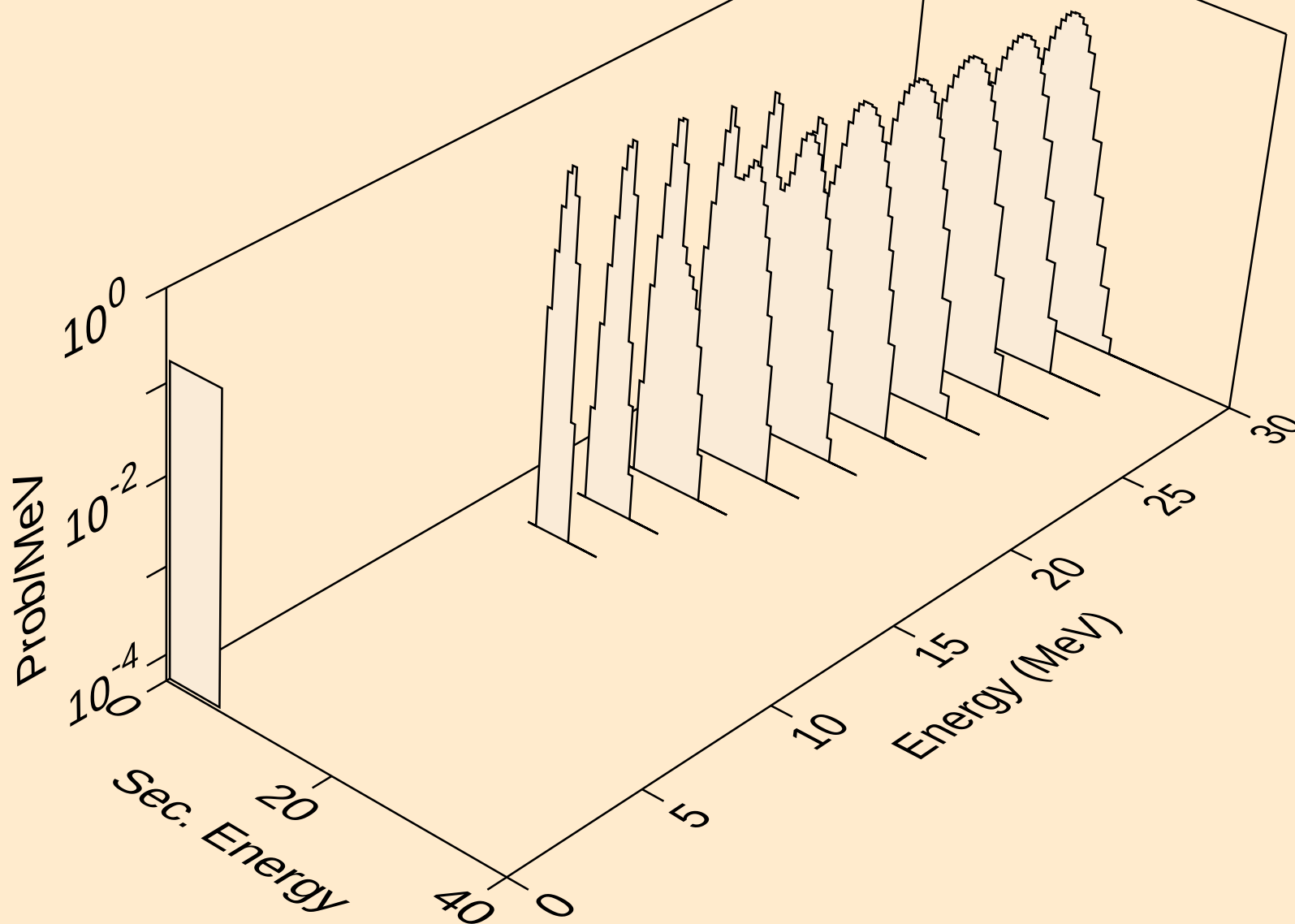
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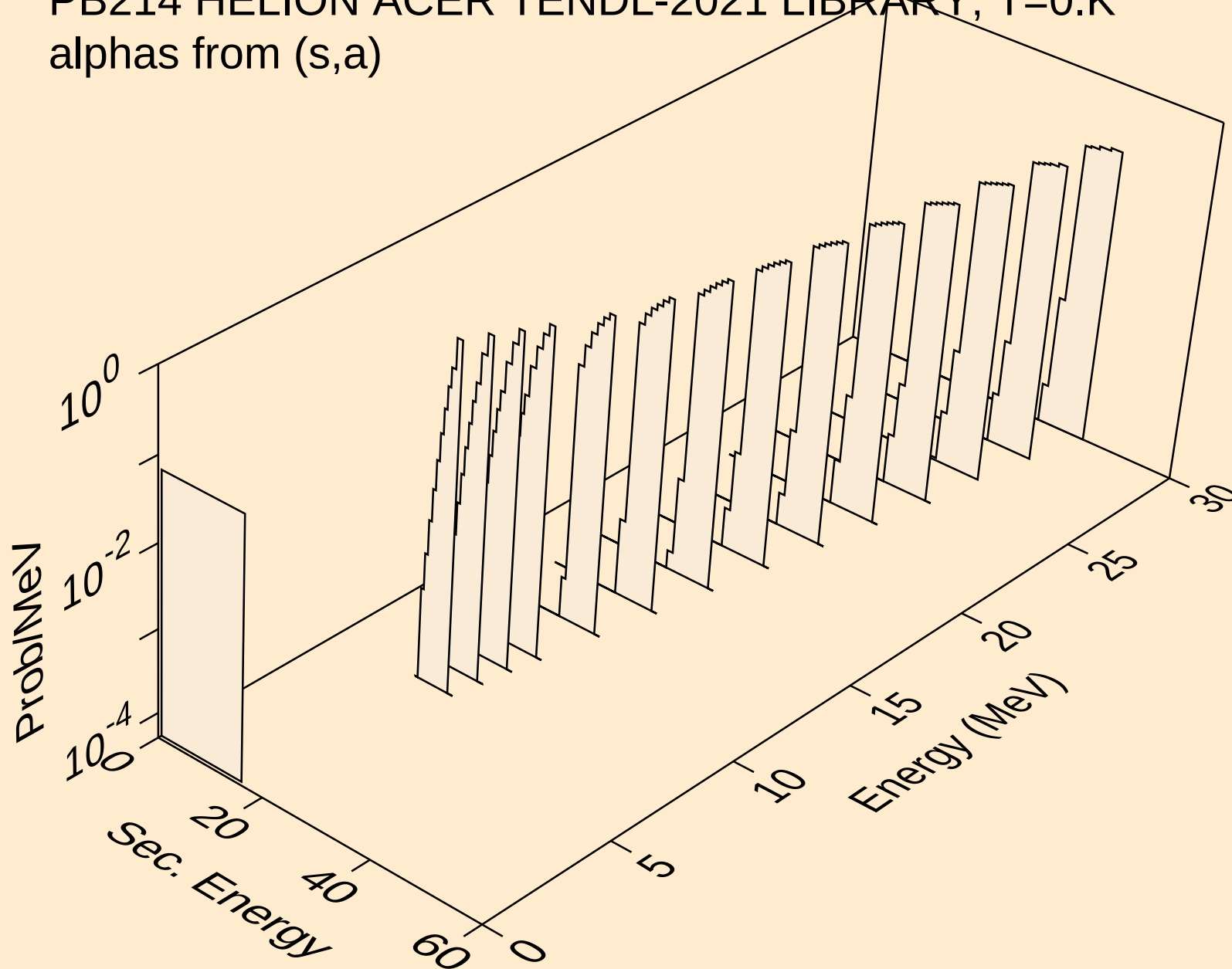
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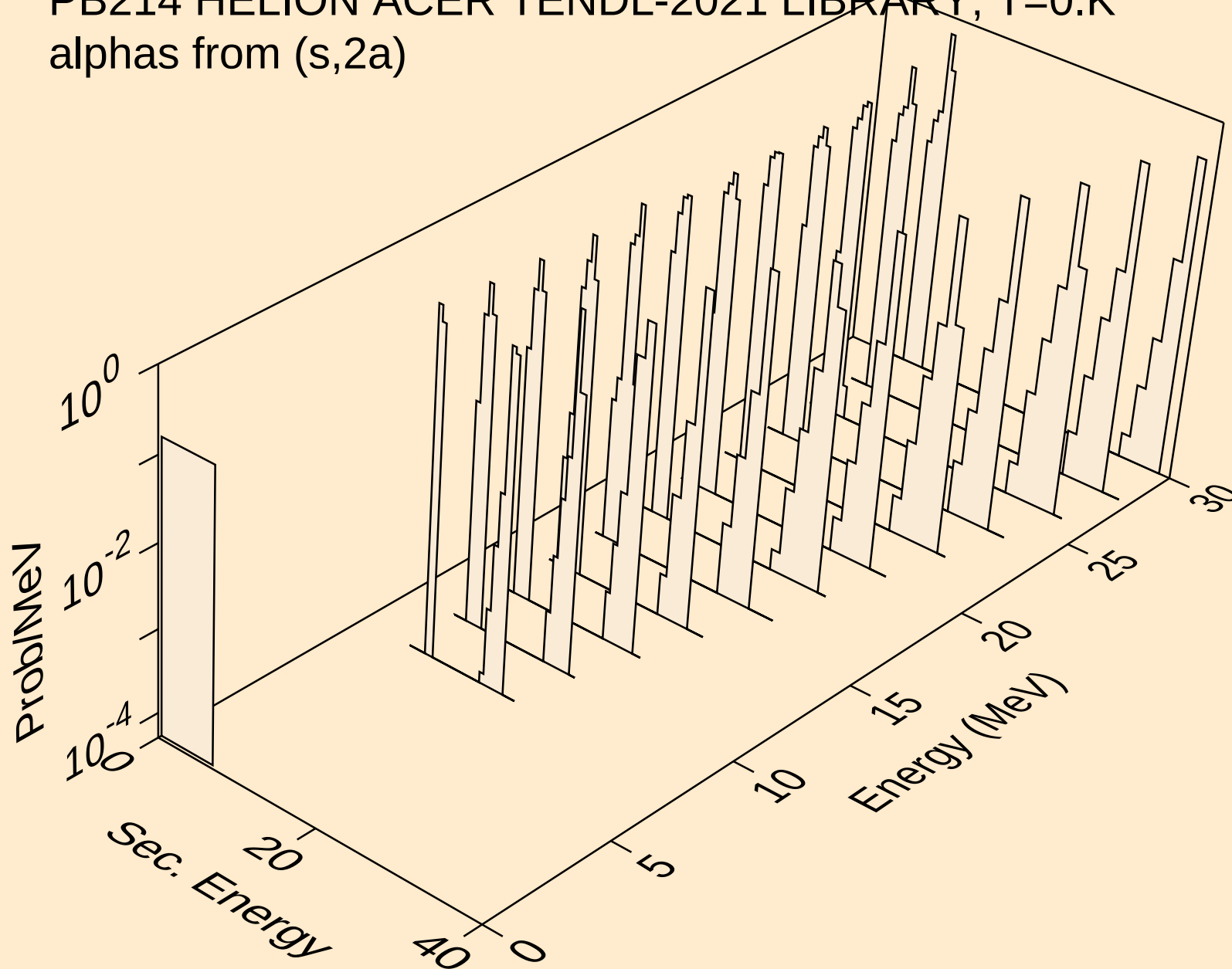
PB214 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,npa)



PB214 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,a)



PB214 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2a)



PB214 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,da)

