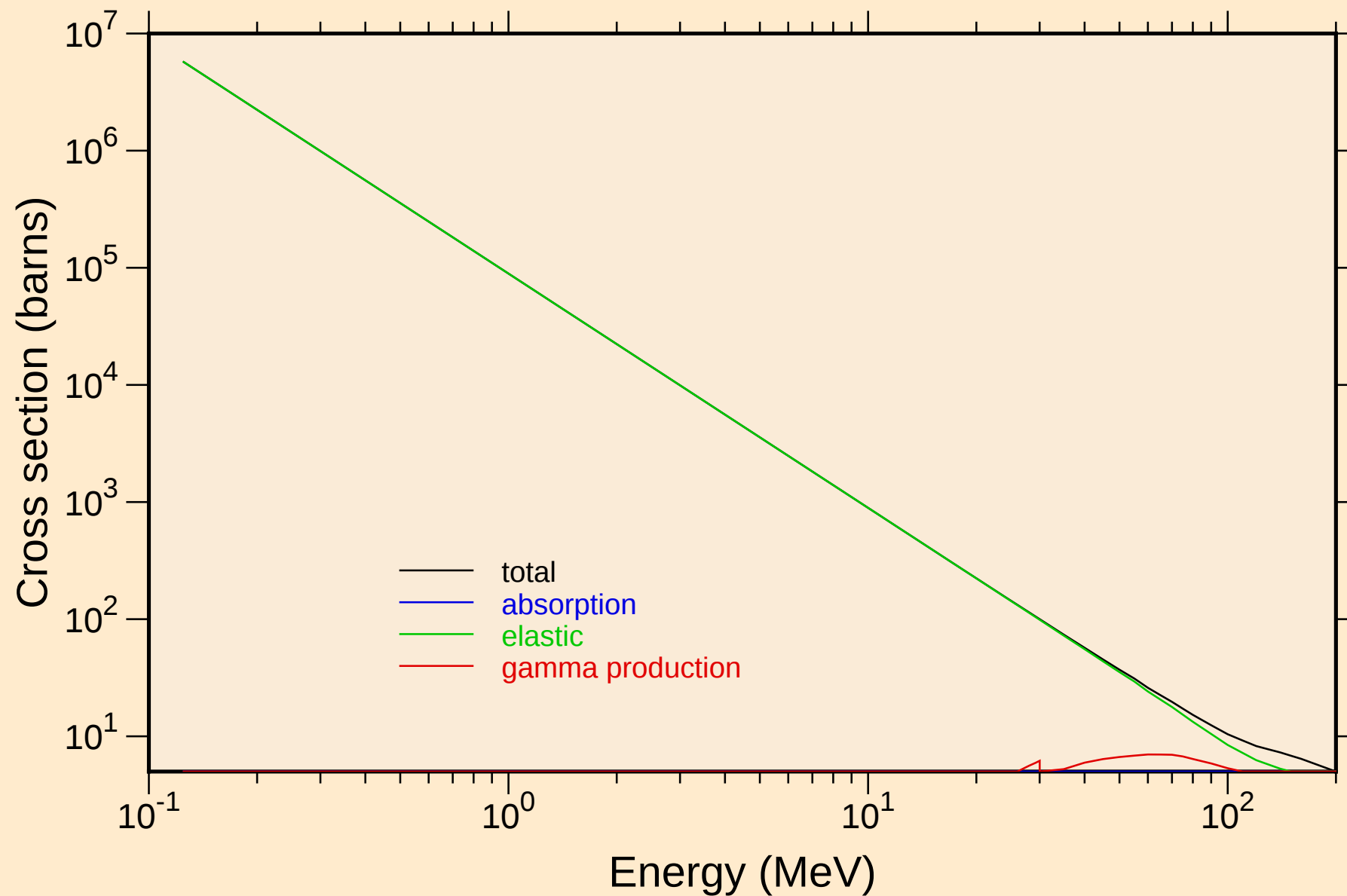


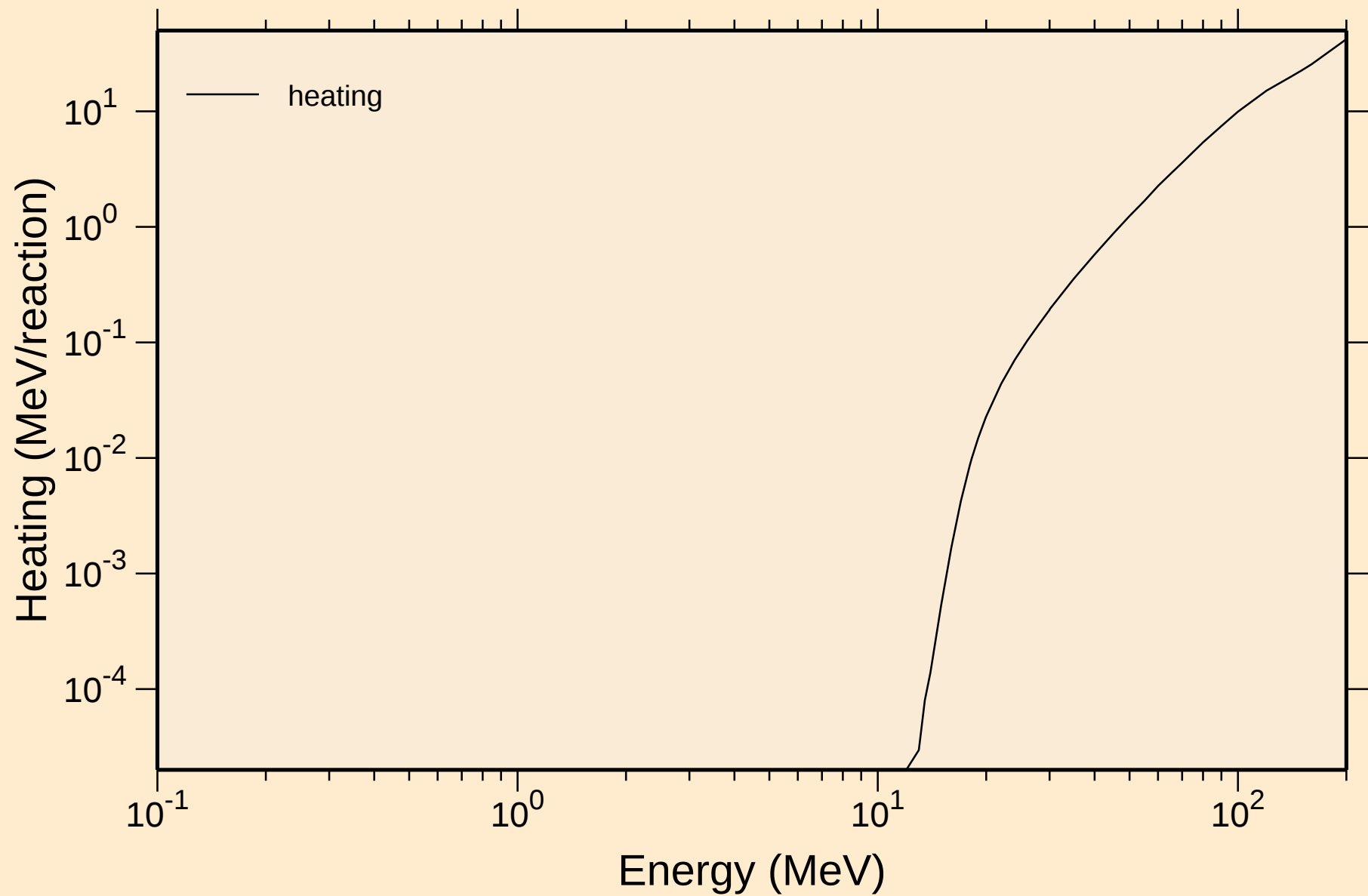
# PR136 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



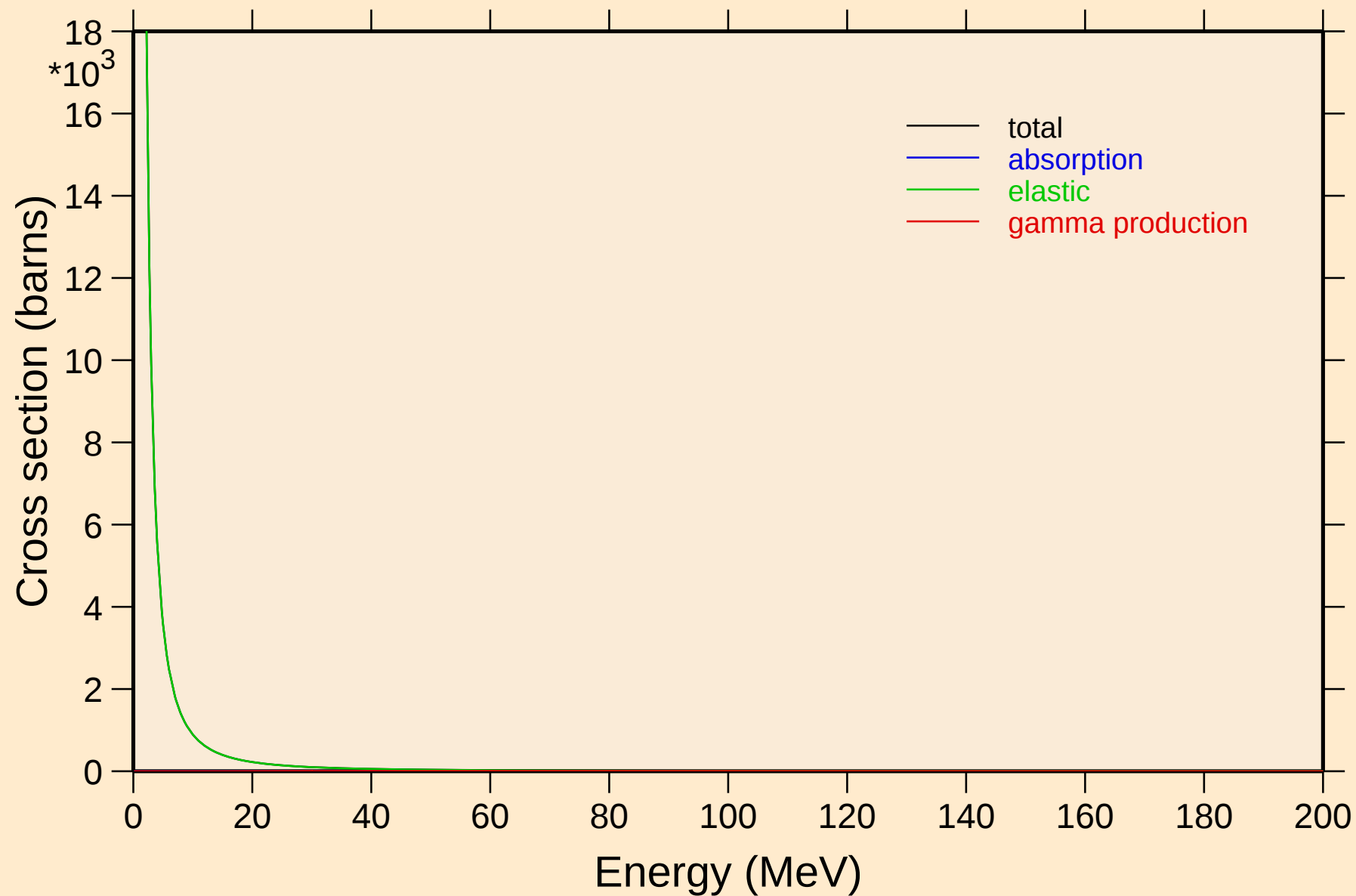
PR136 HELION ACER TENDL-2021 LIBRARY; T=0.K

Heating



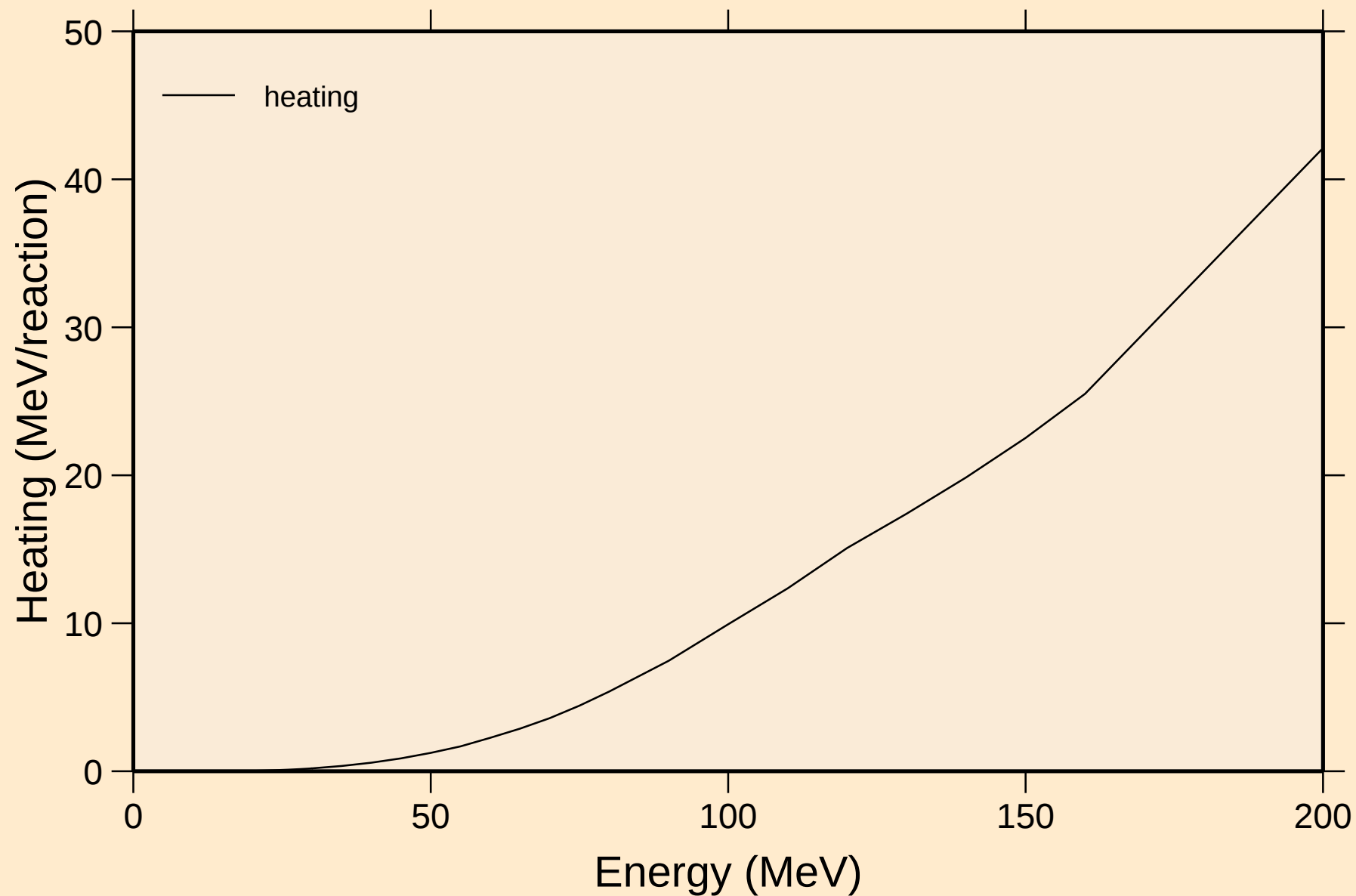
# PR136 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



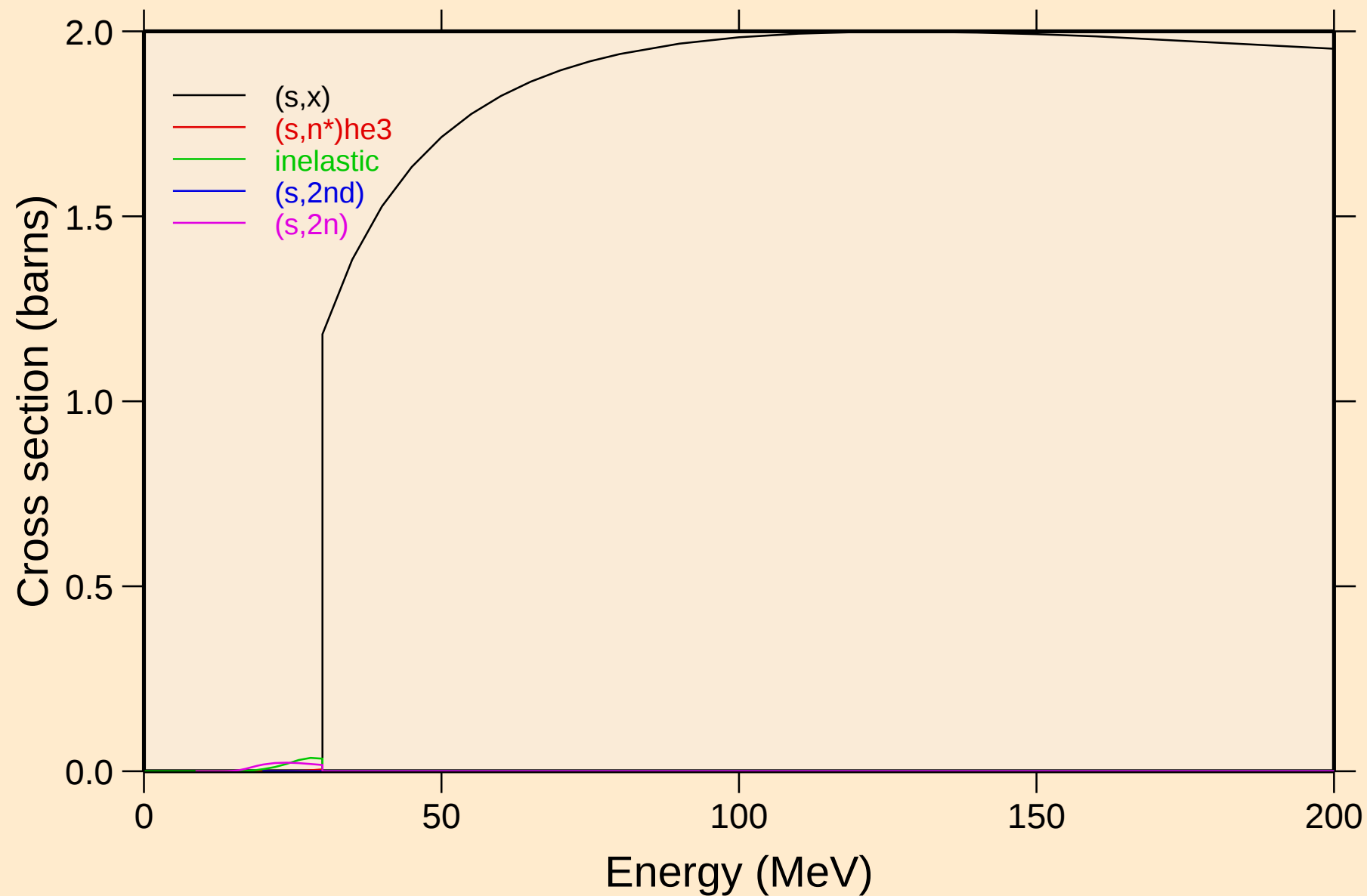
PR136 HELION ACER TENDL-2021 LIBRARY; T=0.K

Heating



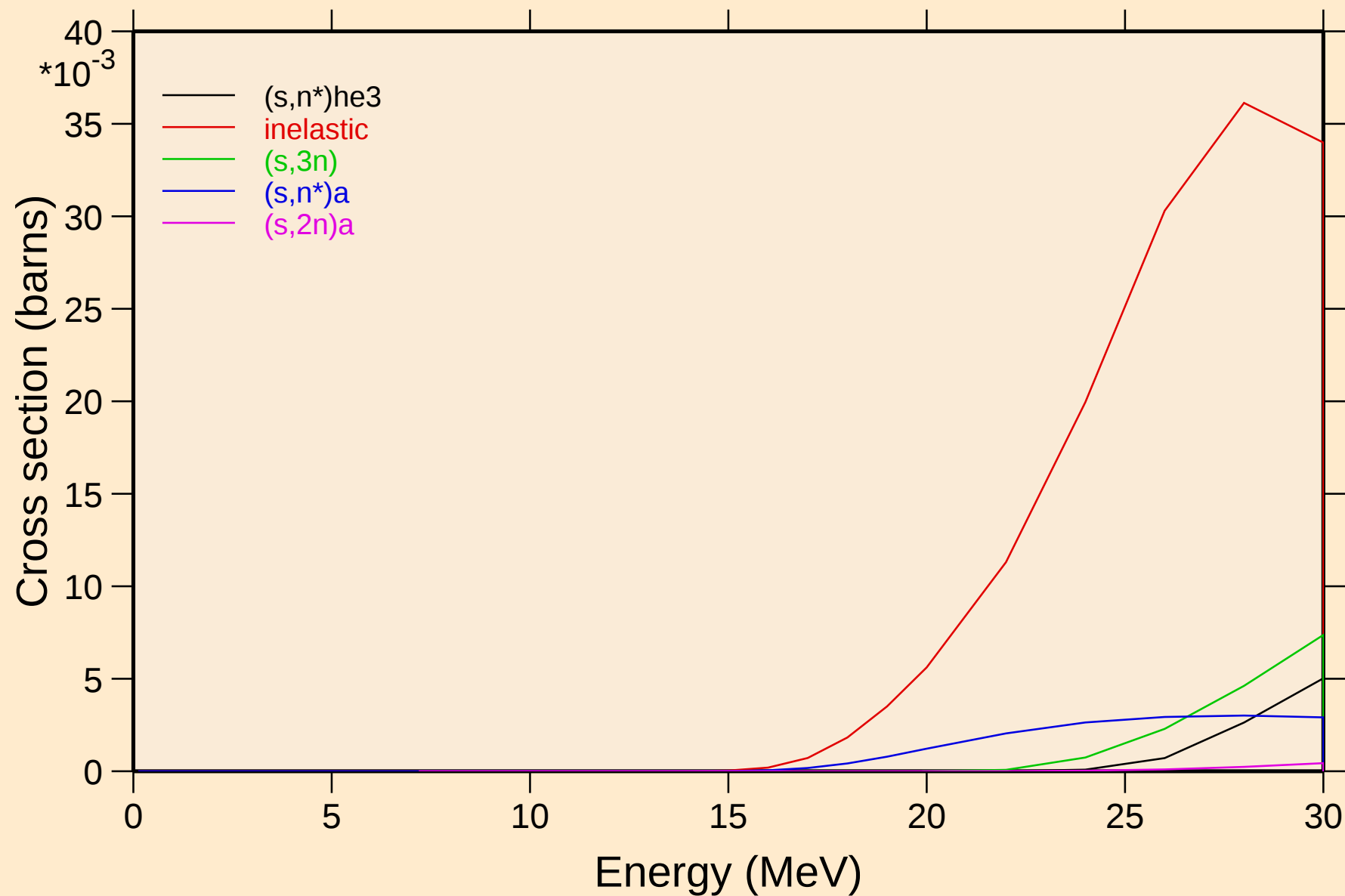
# PR136 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions



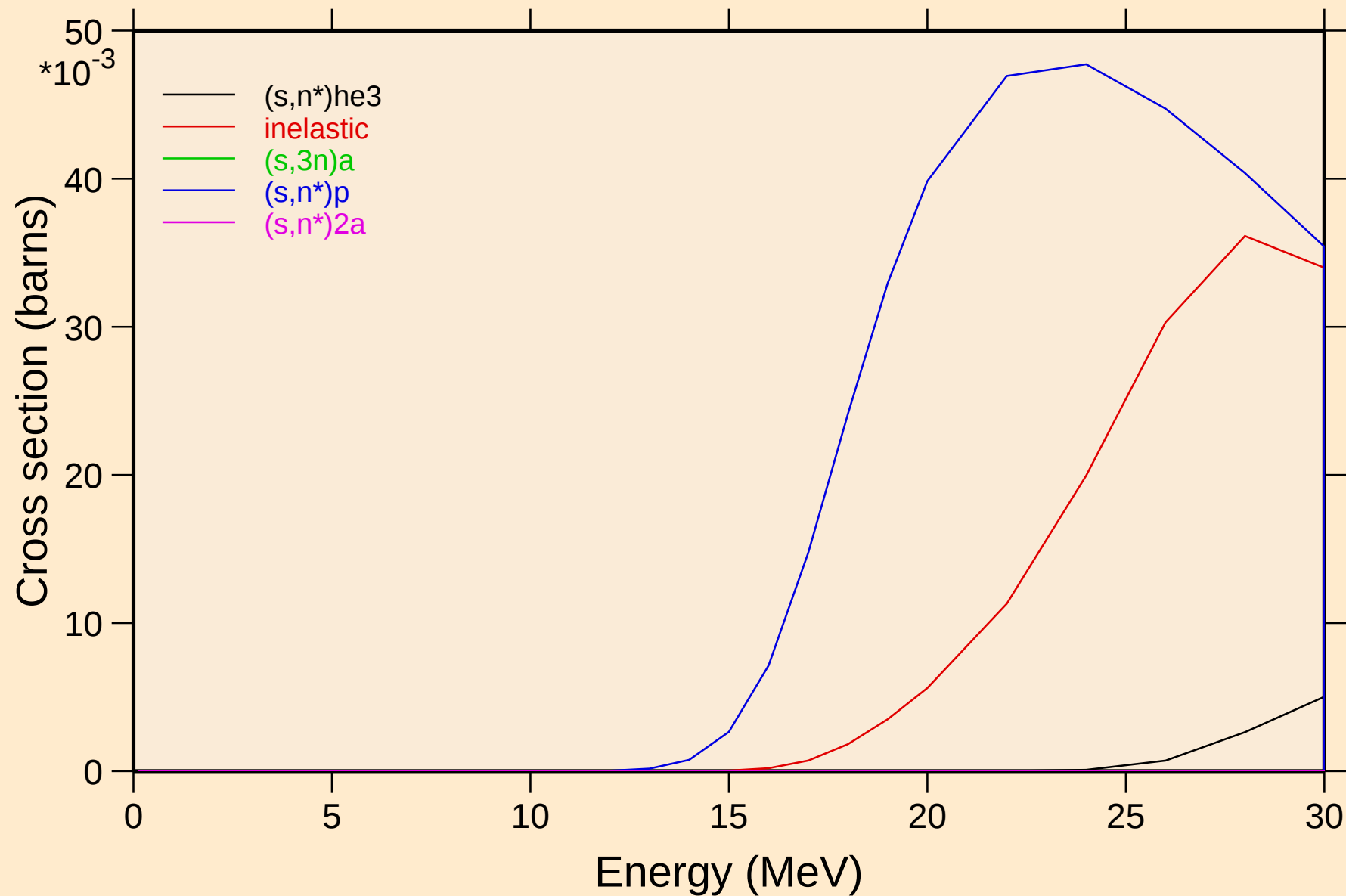
# PR136 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions



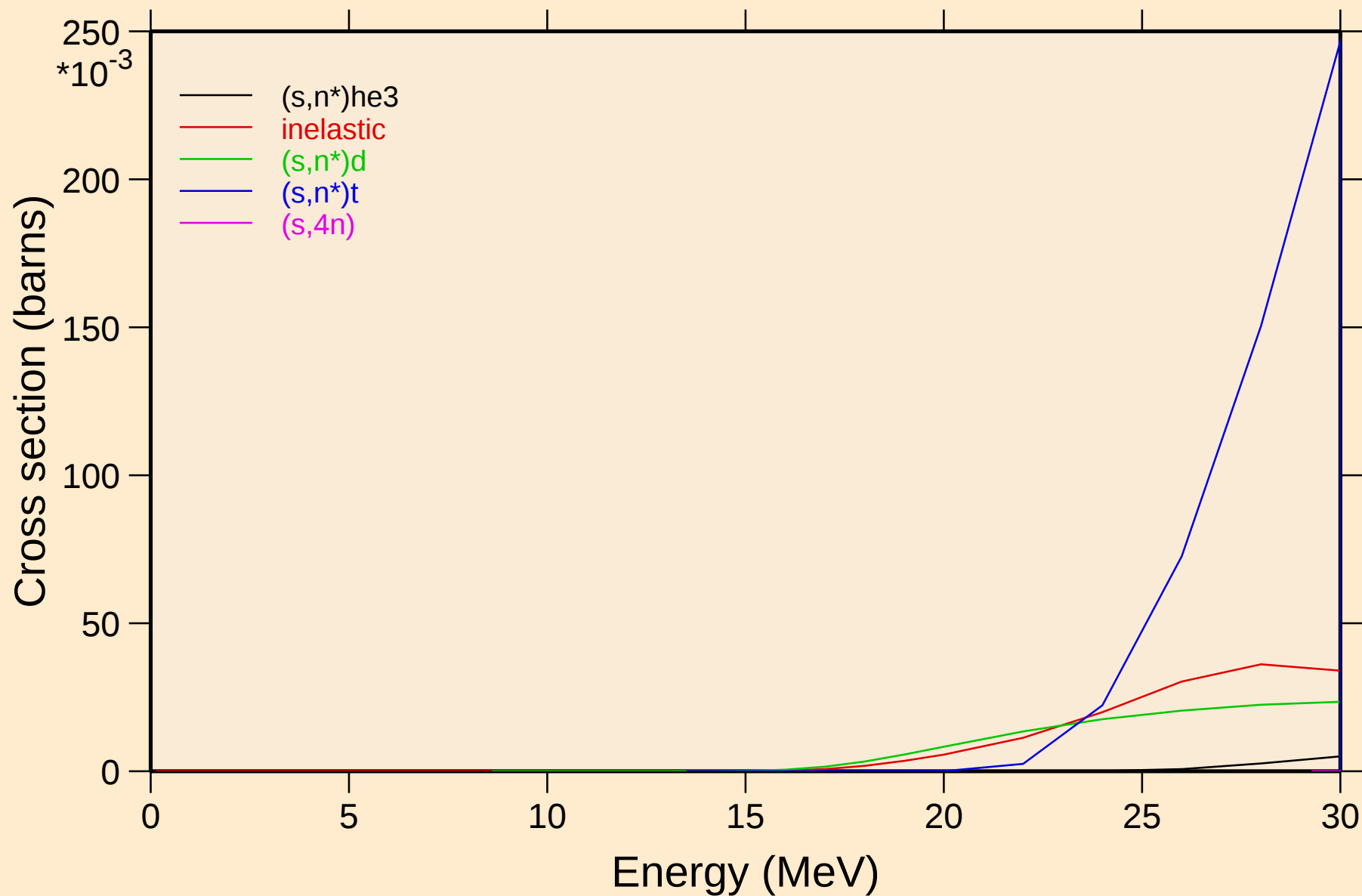
# PR136 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions



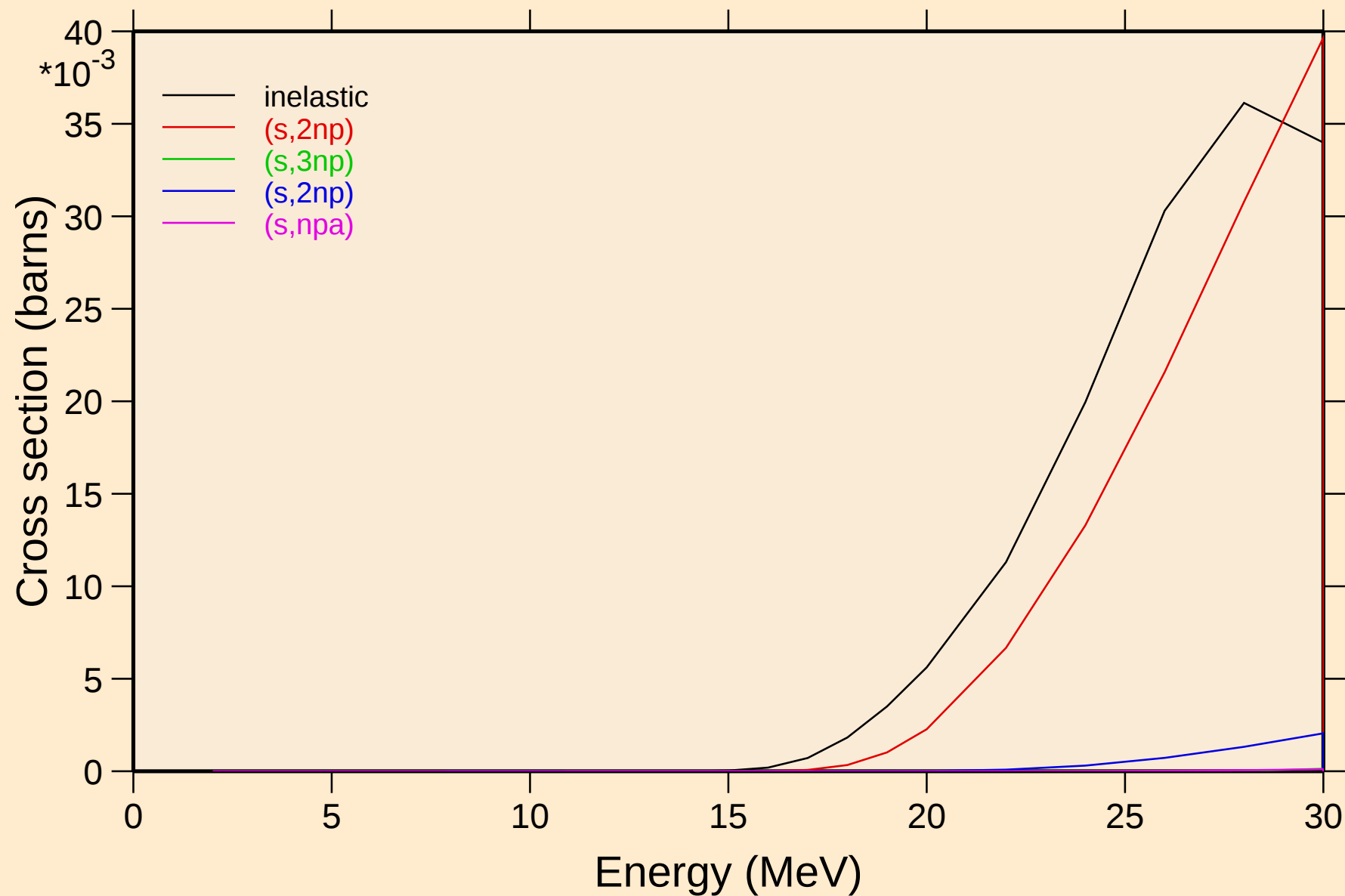
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## Threshold reactions



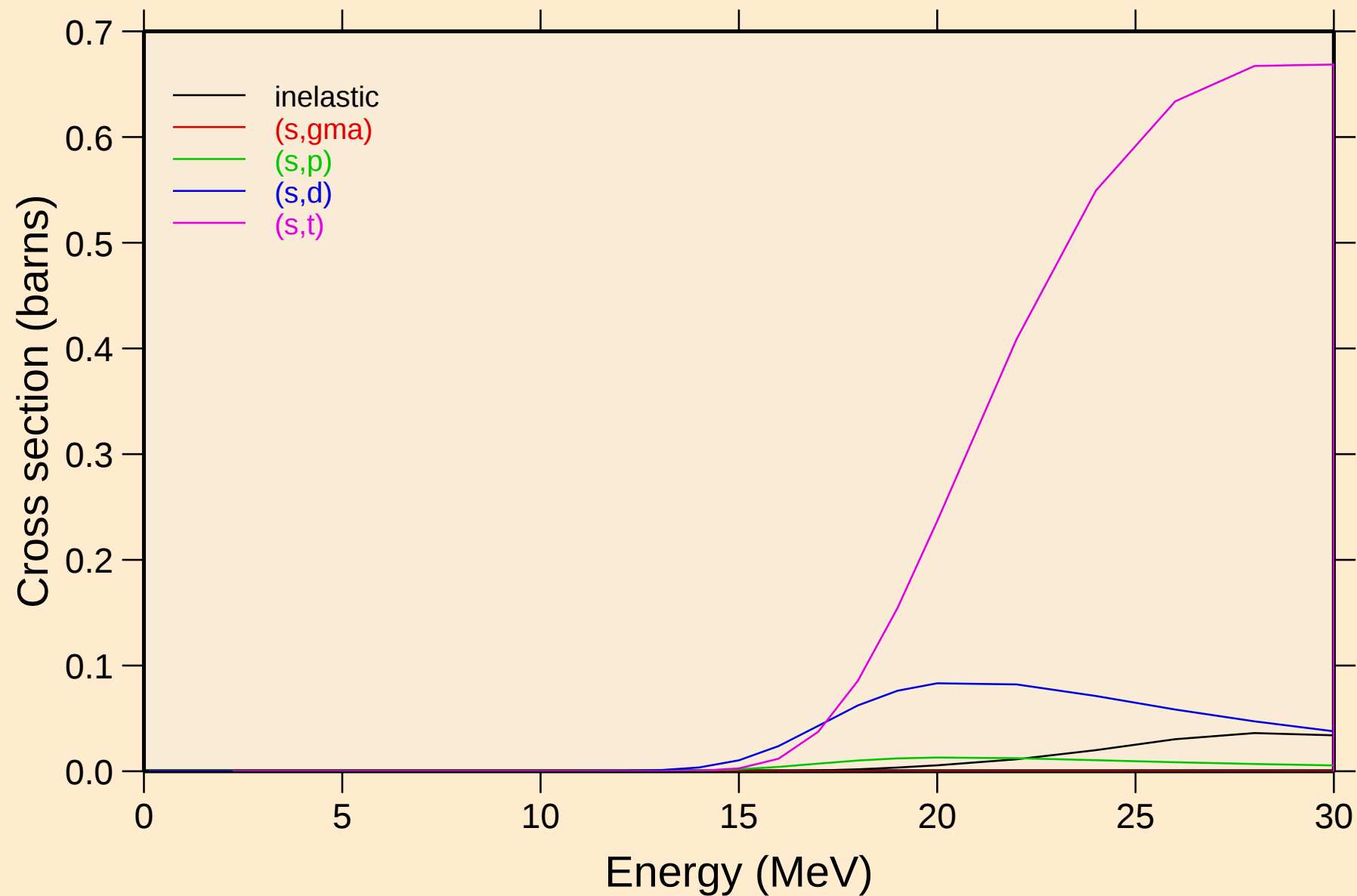
# PR136 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions



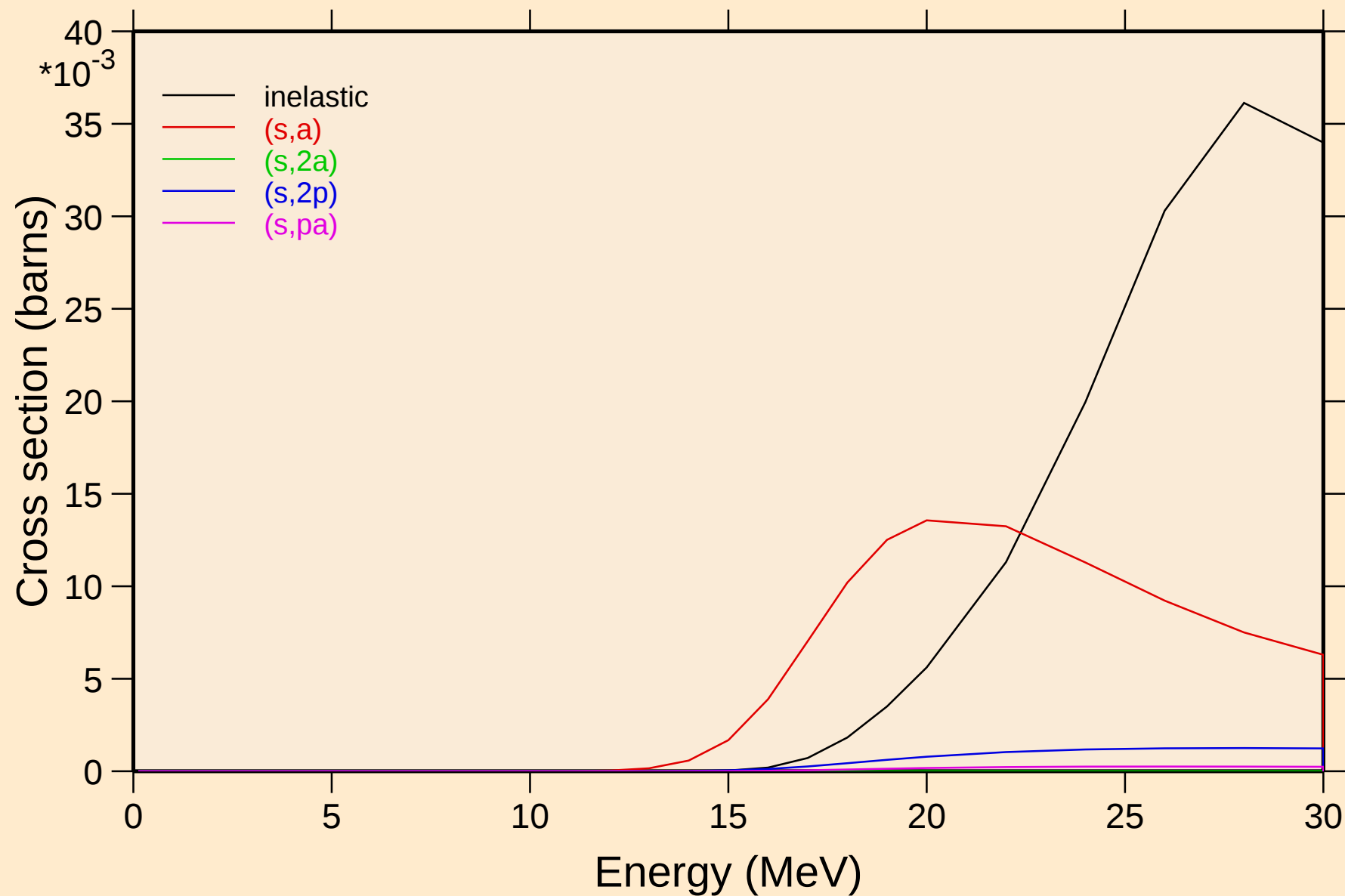
# PR136 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions



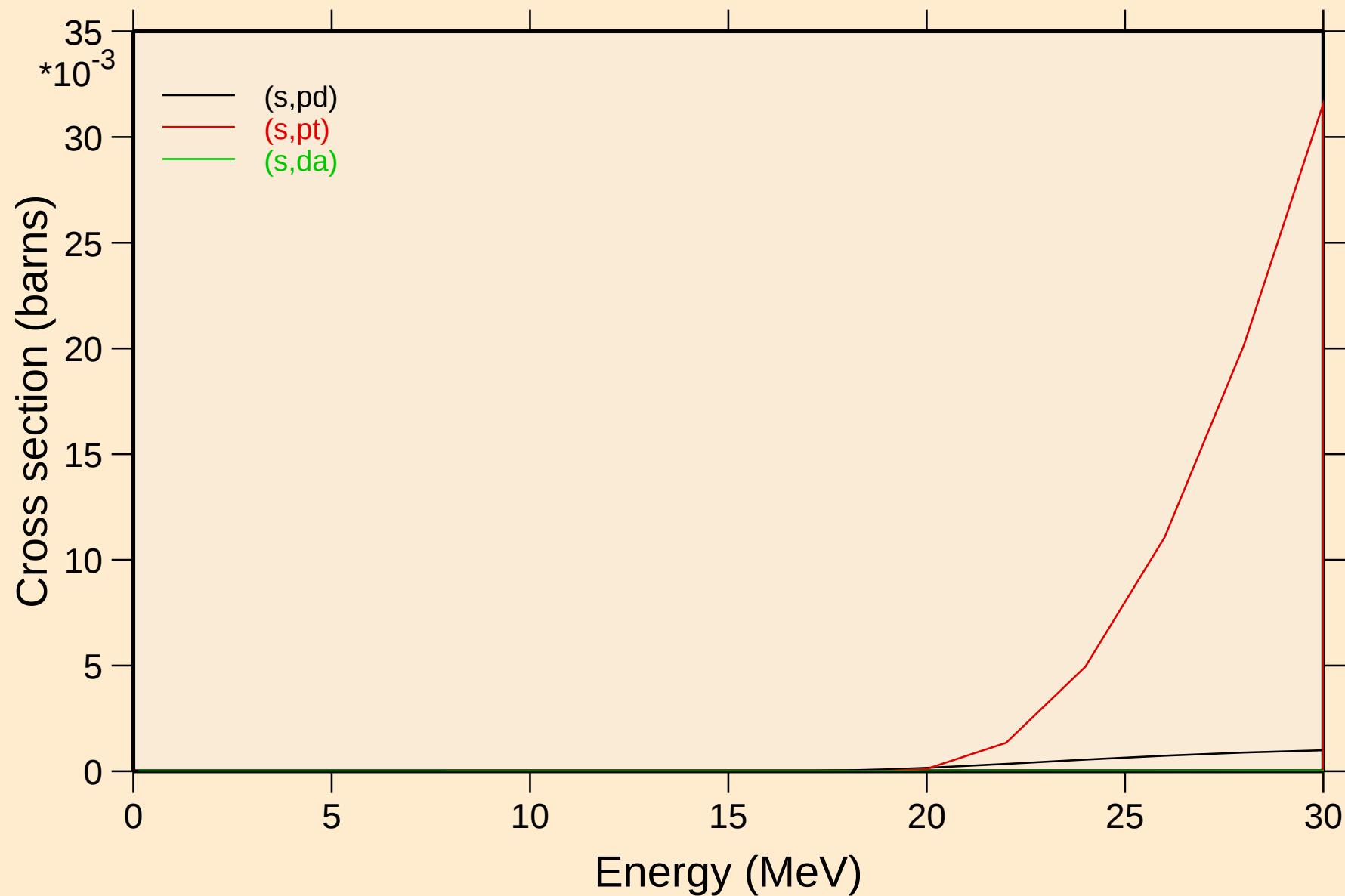
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## Threshold reactions

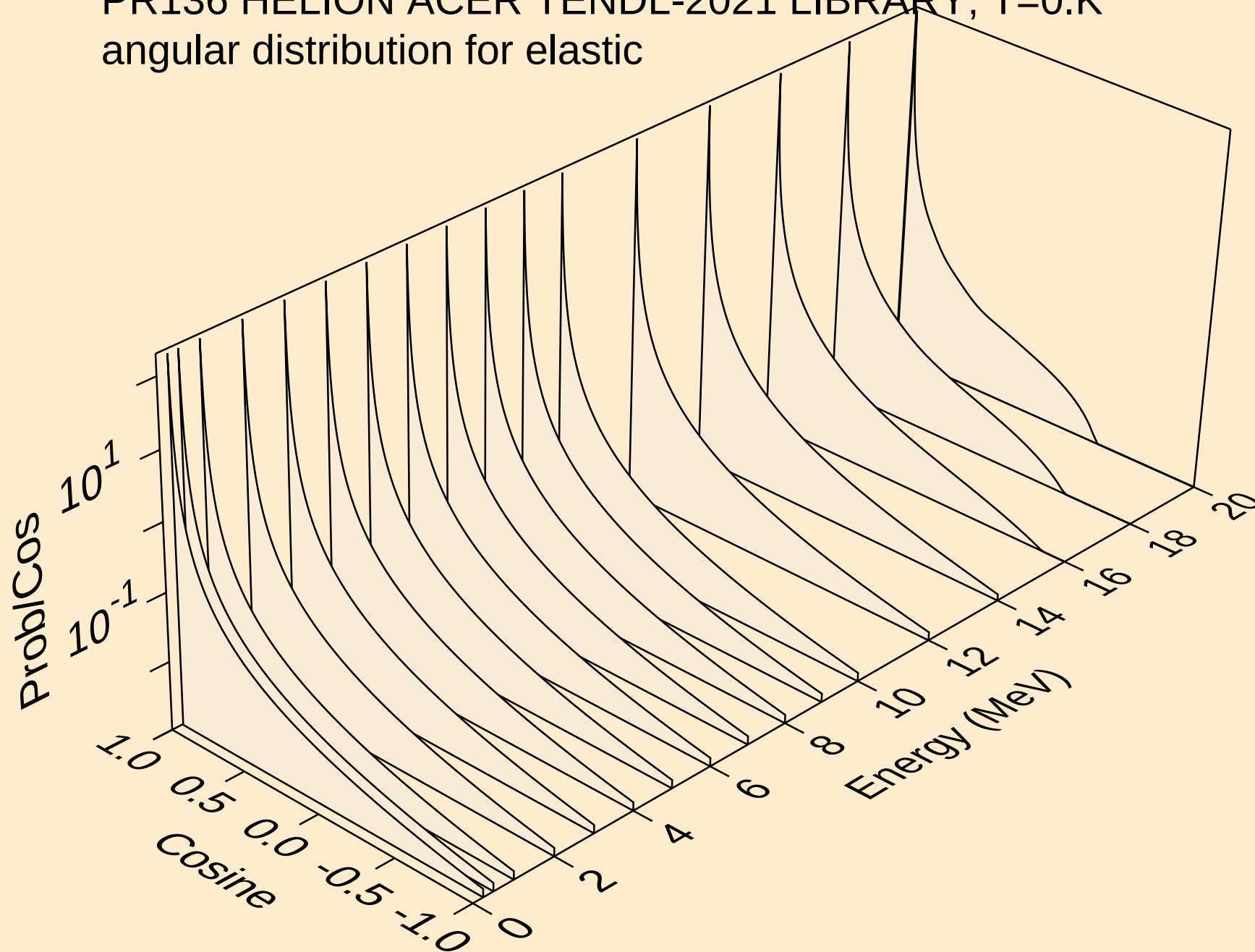


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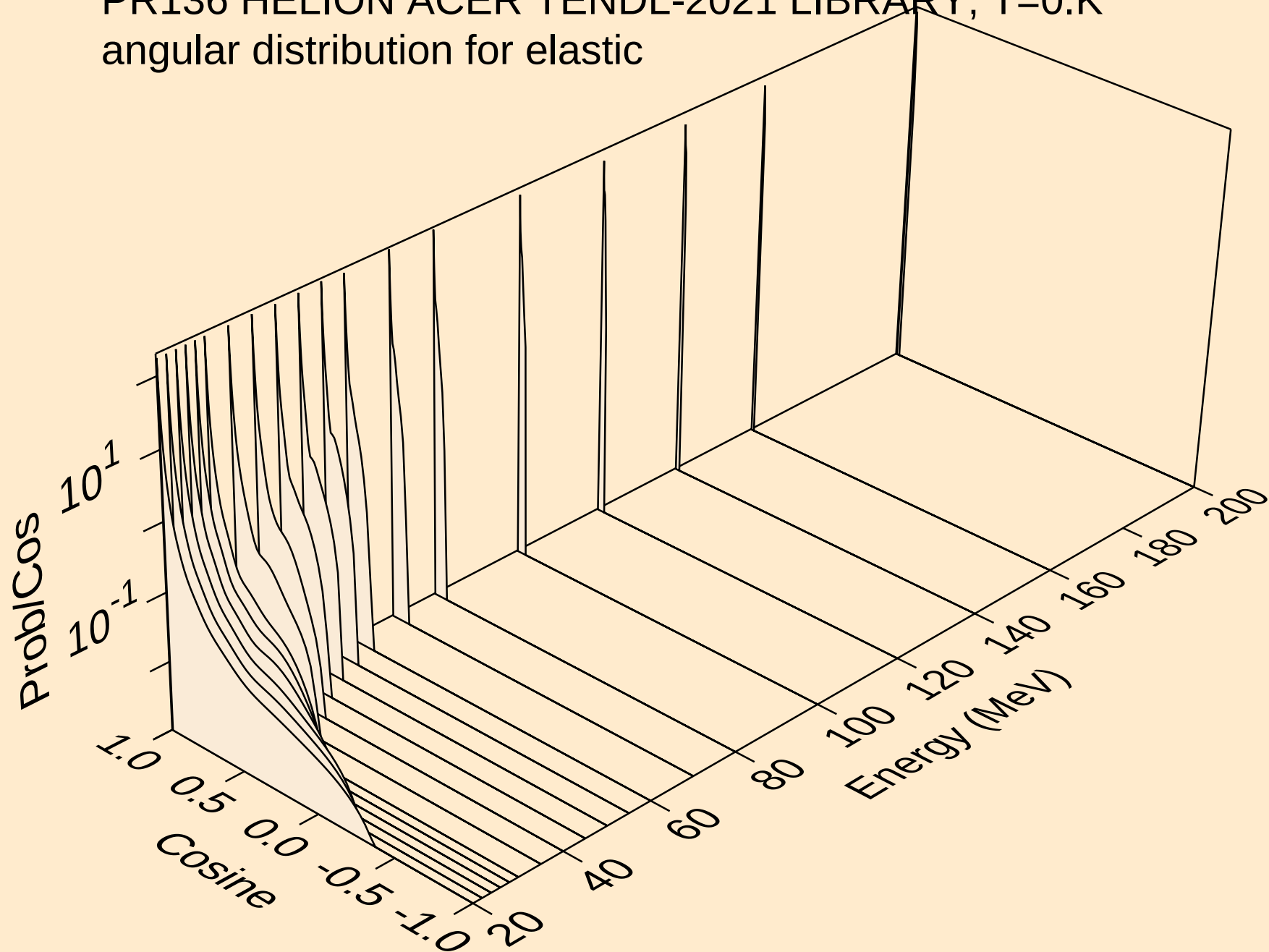
## Threshold reactions



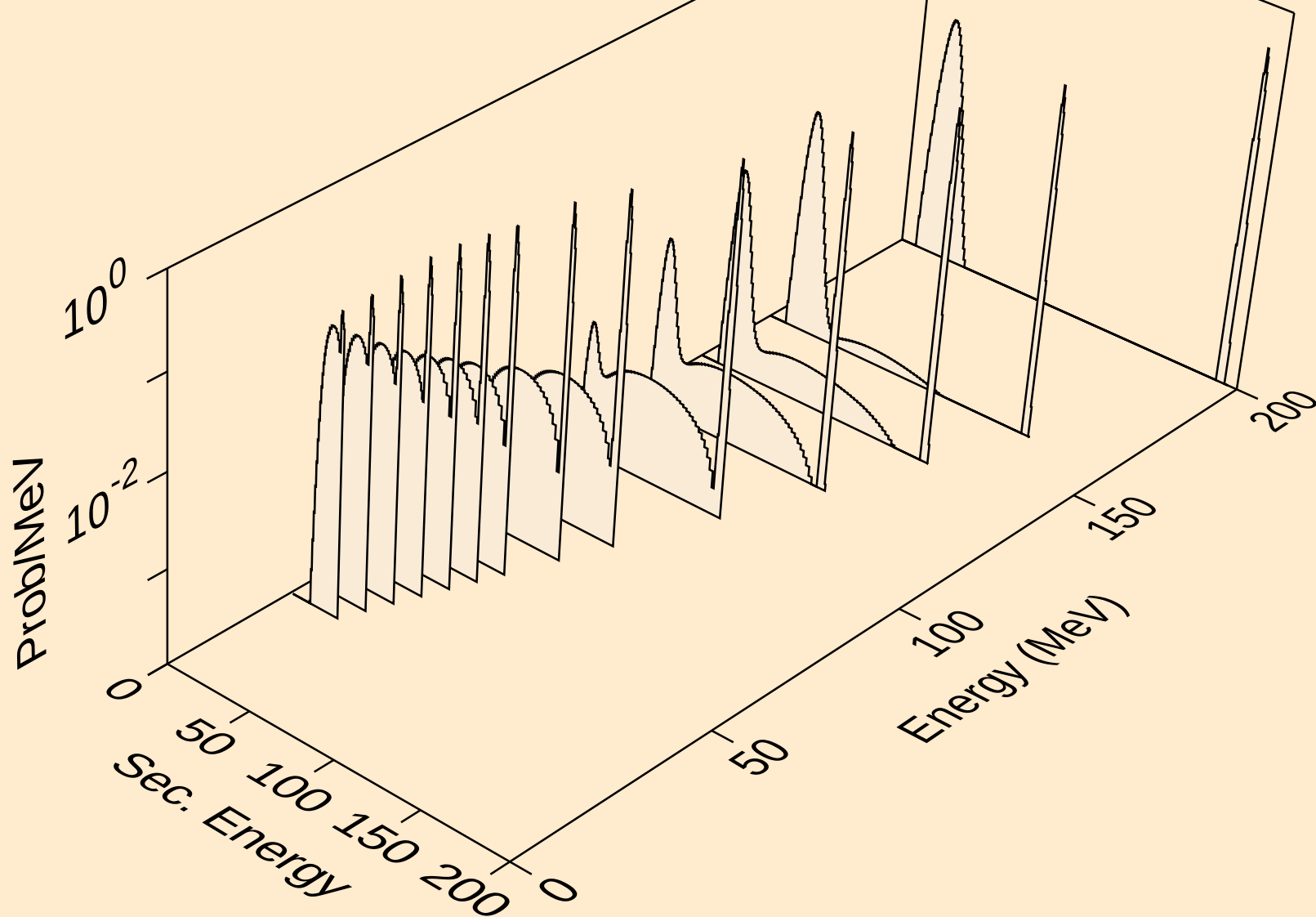
PR136 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



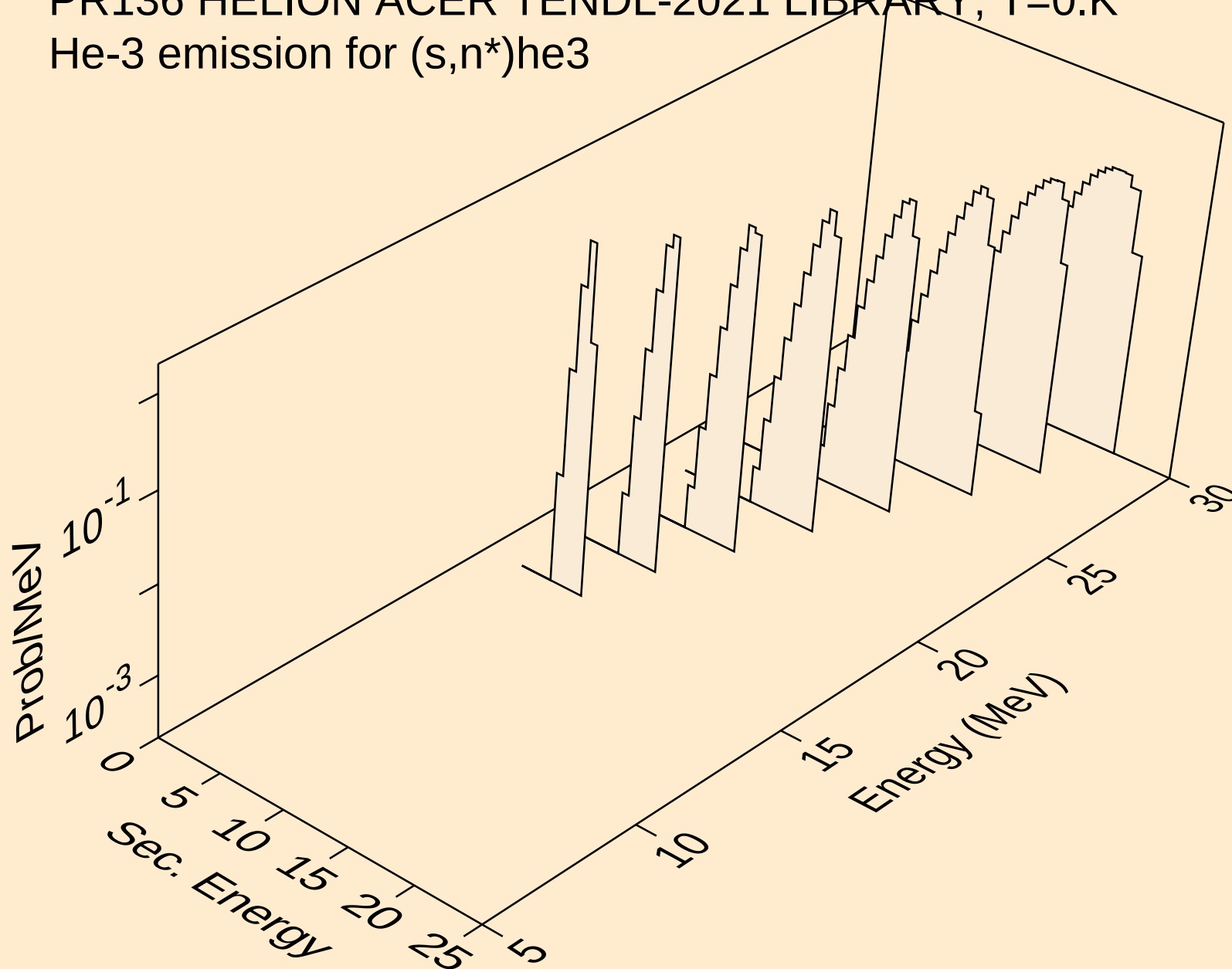
PR136 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



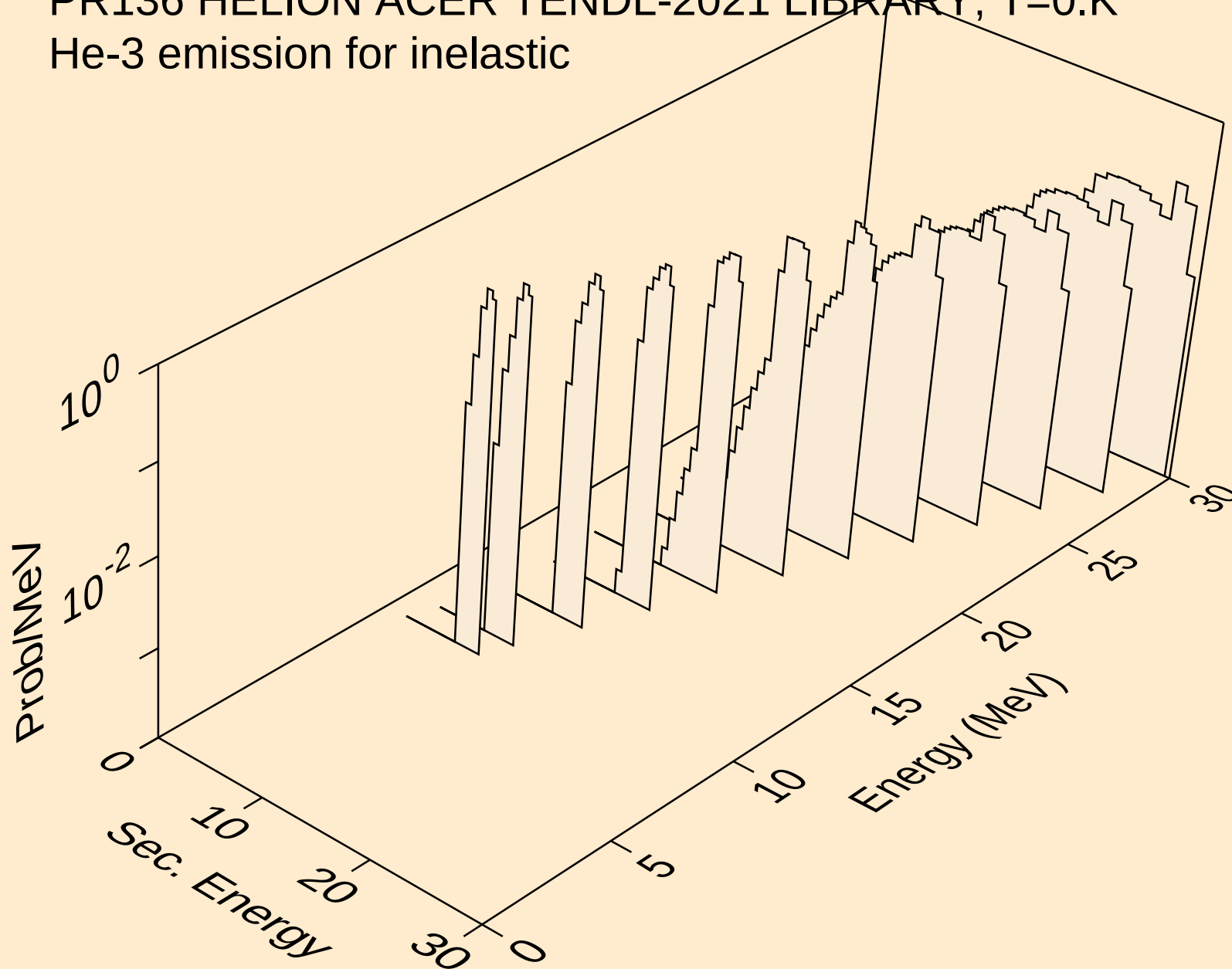
PR136 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,x)



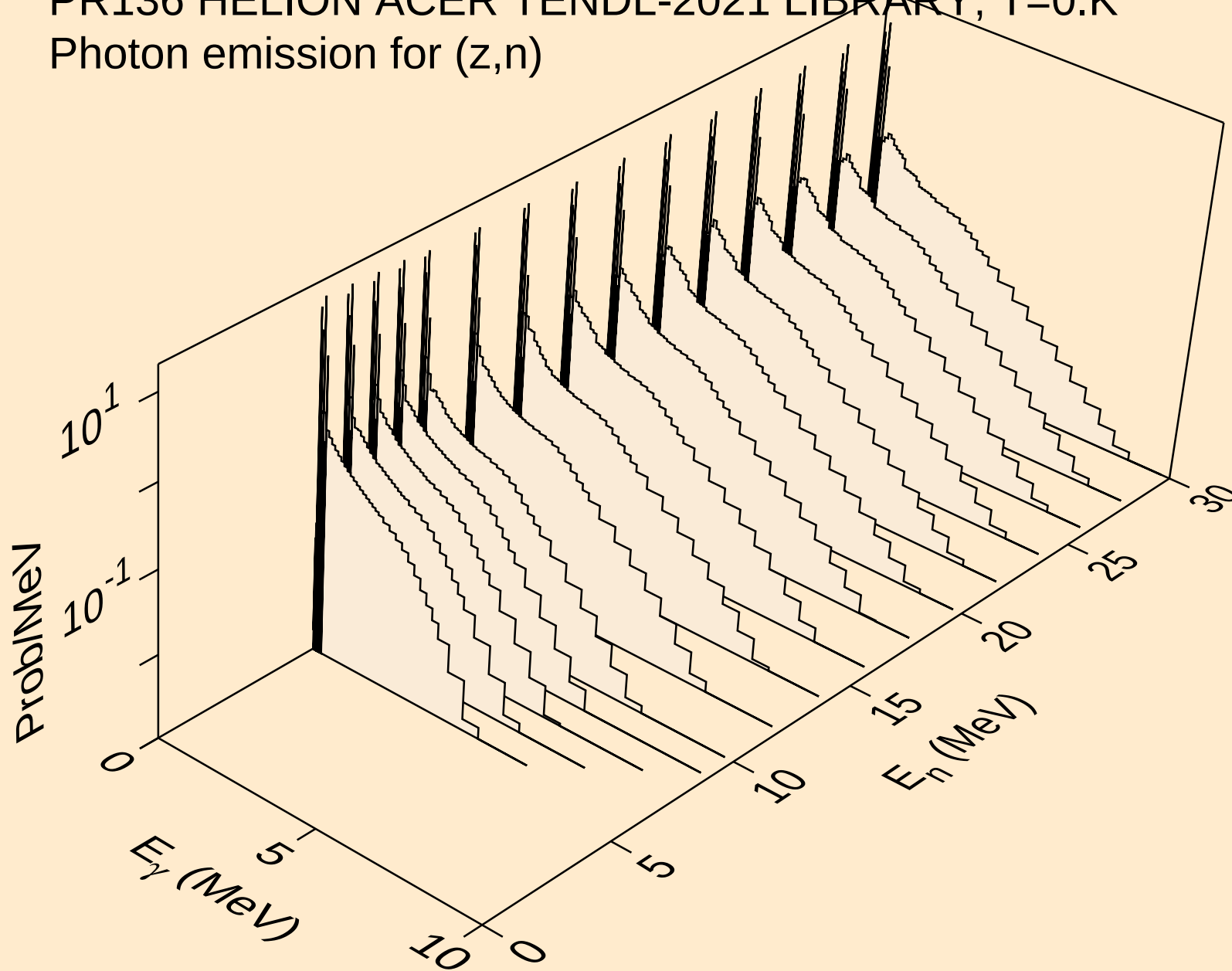
PR136 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3



PR136 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for inelastic

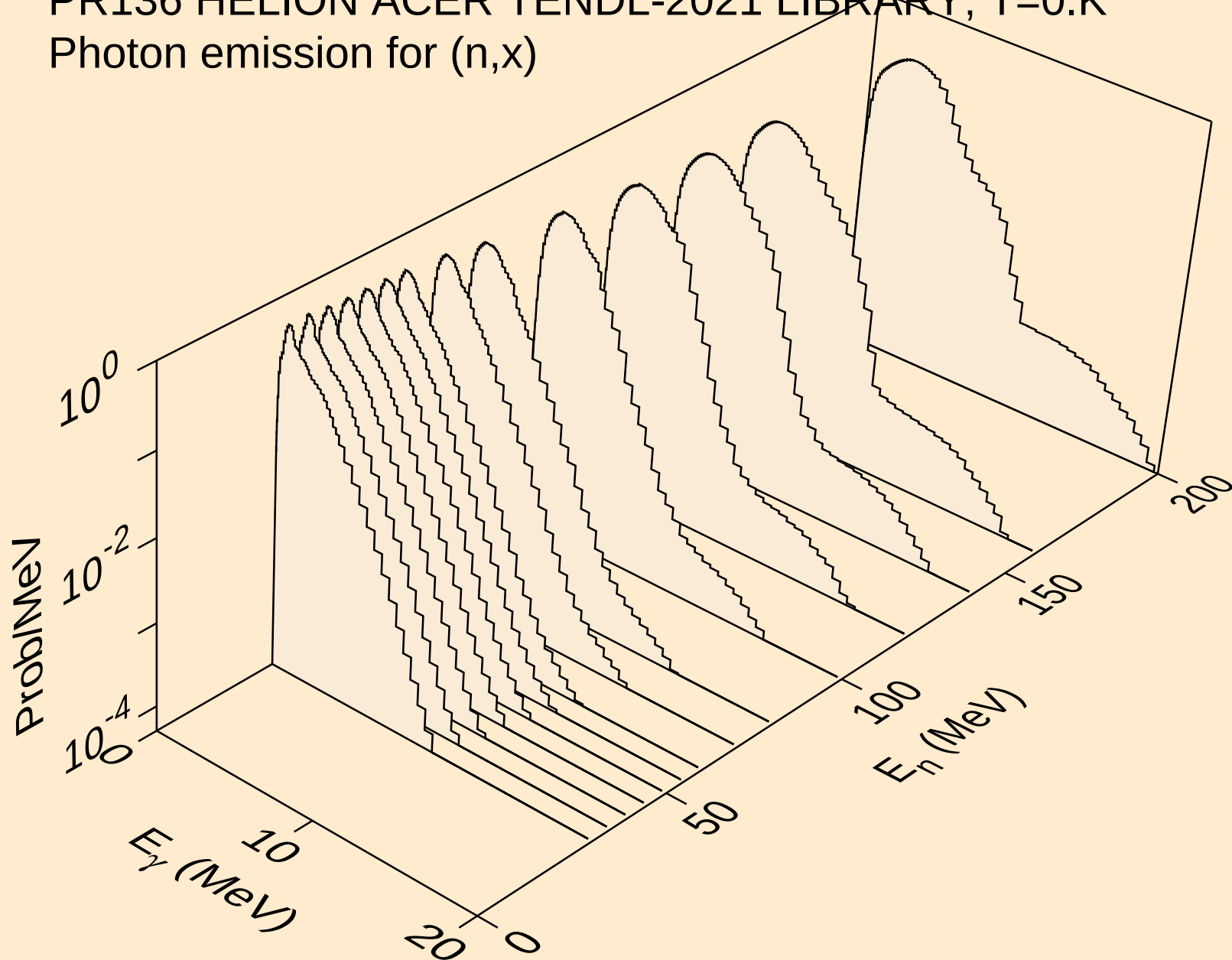


PR136 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)

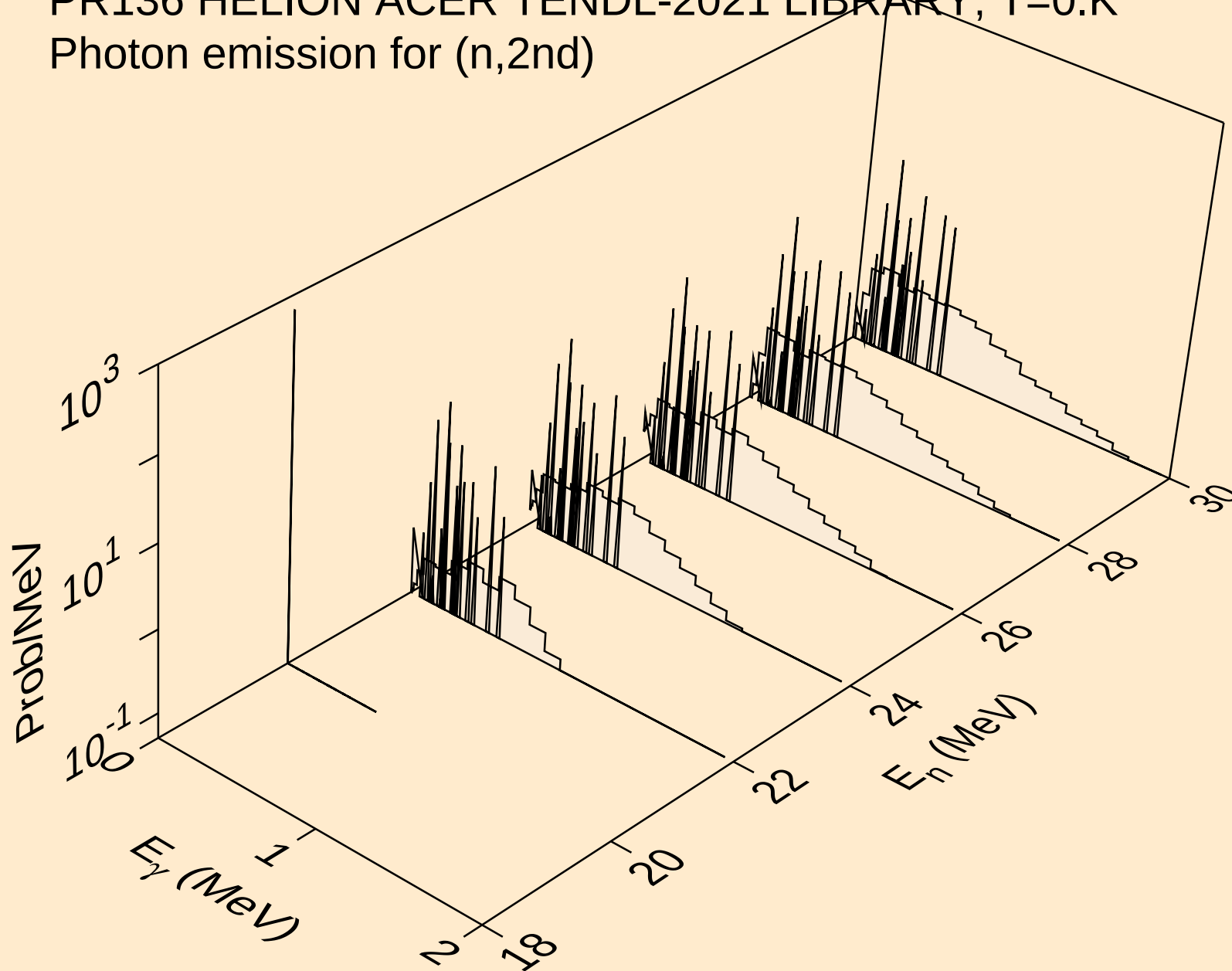


PR136 HELION ACER TENDL-2021 LIBRARY; T=0.K

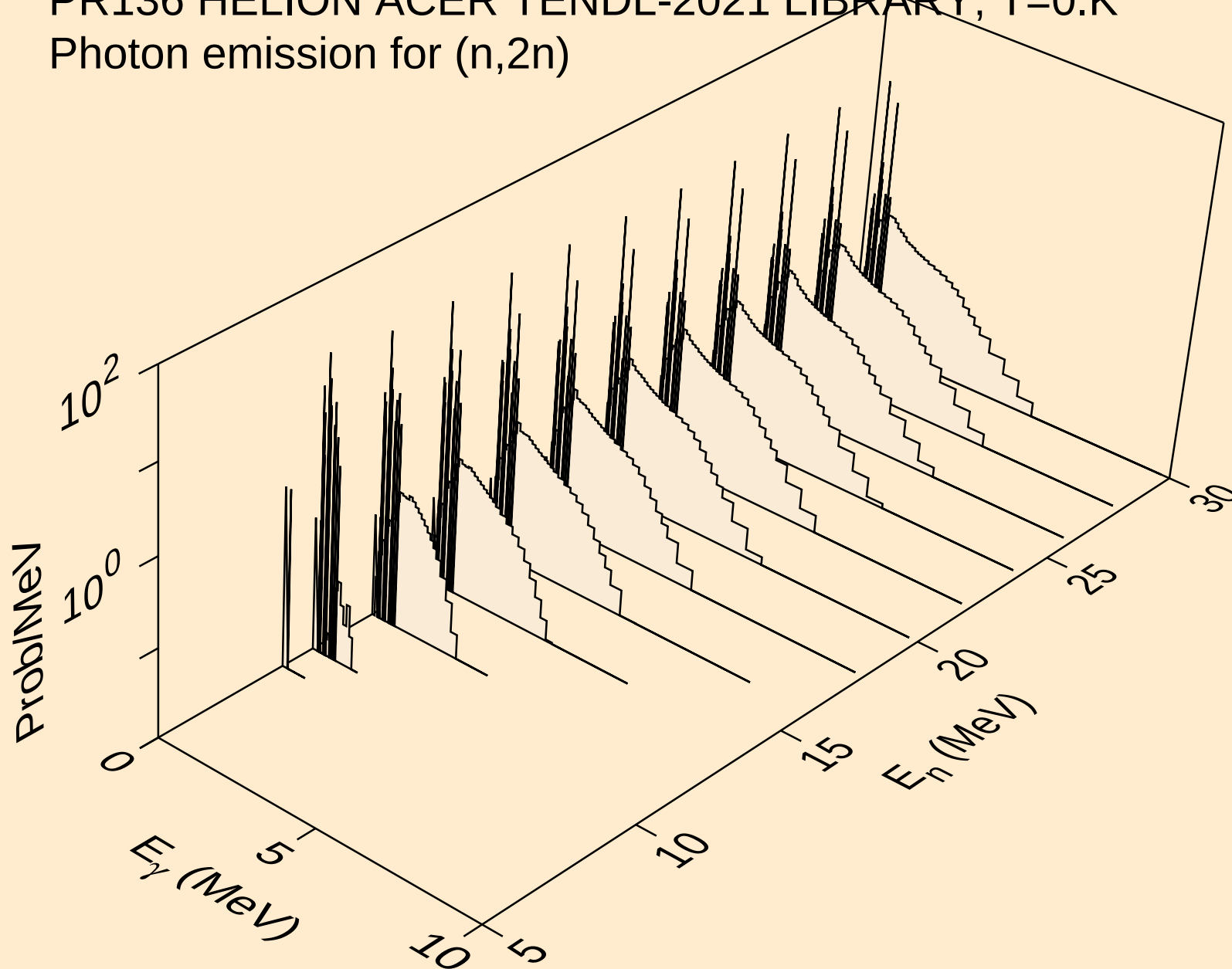
Photon emission for (n,x)



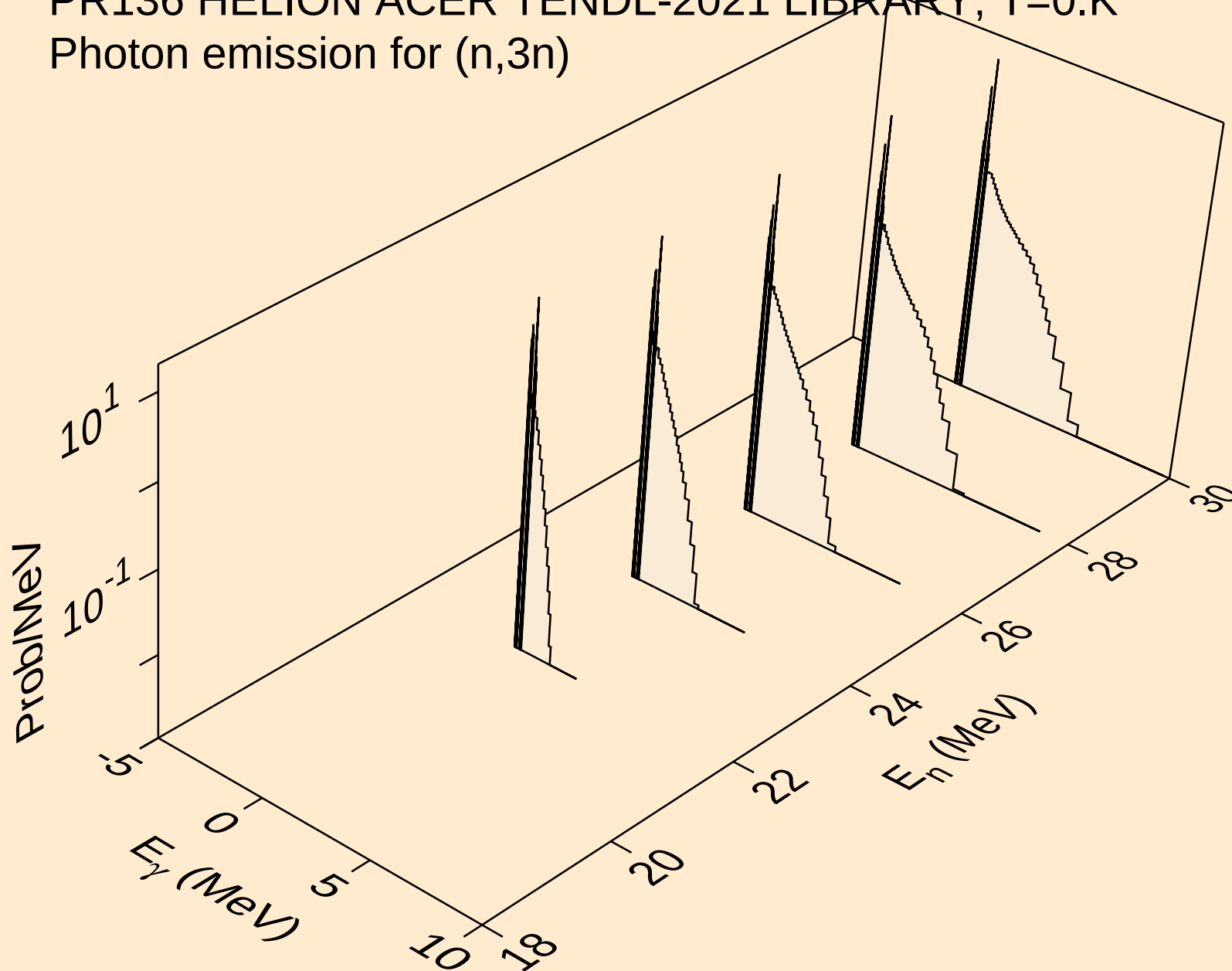
PR136 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)



PR136 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)

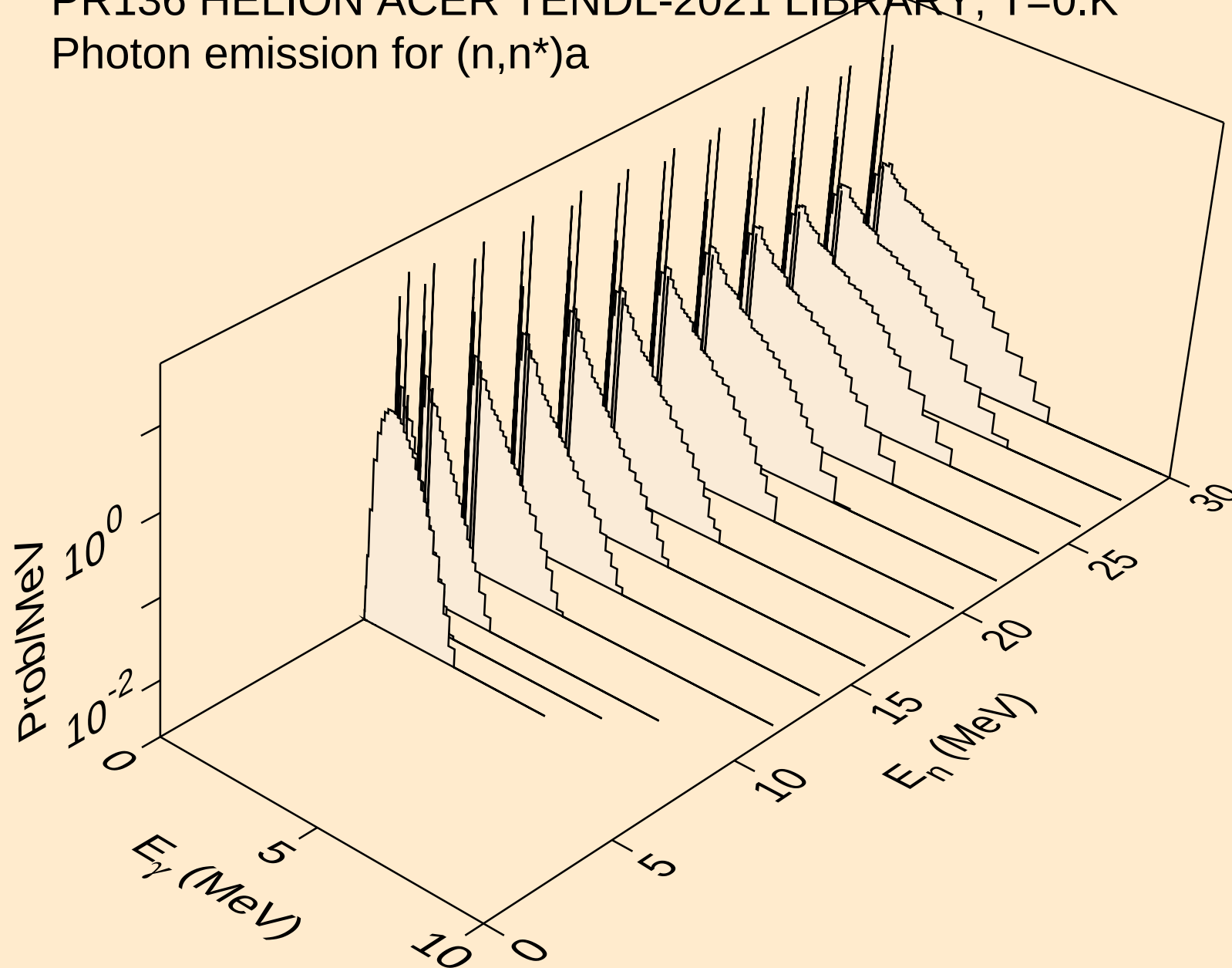


PR136 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)

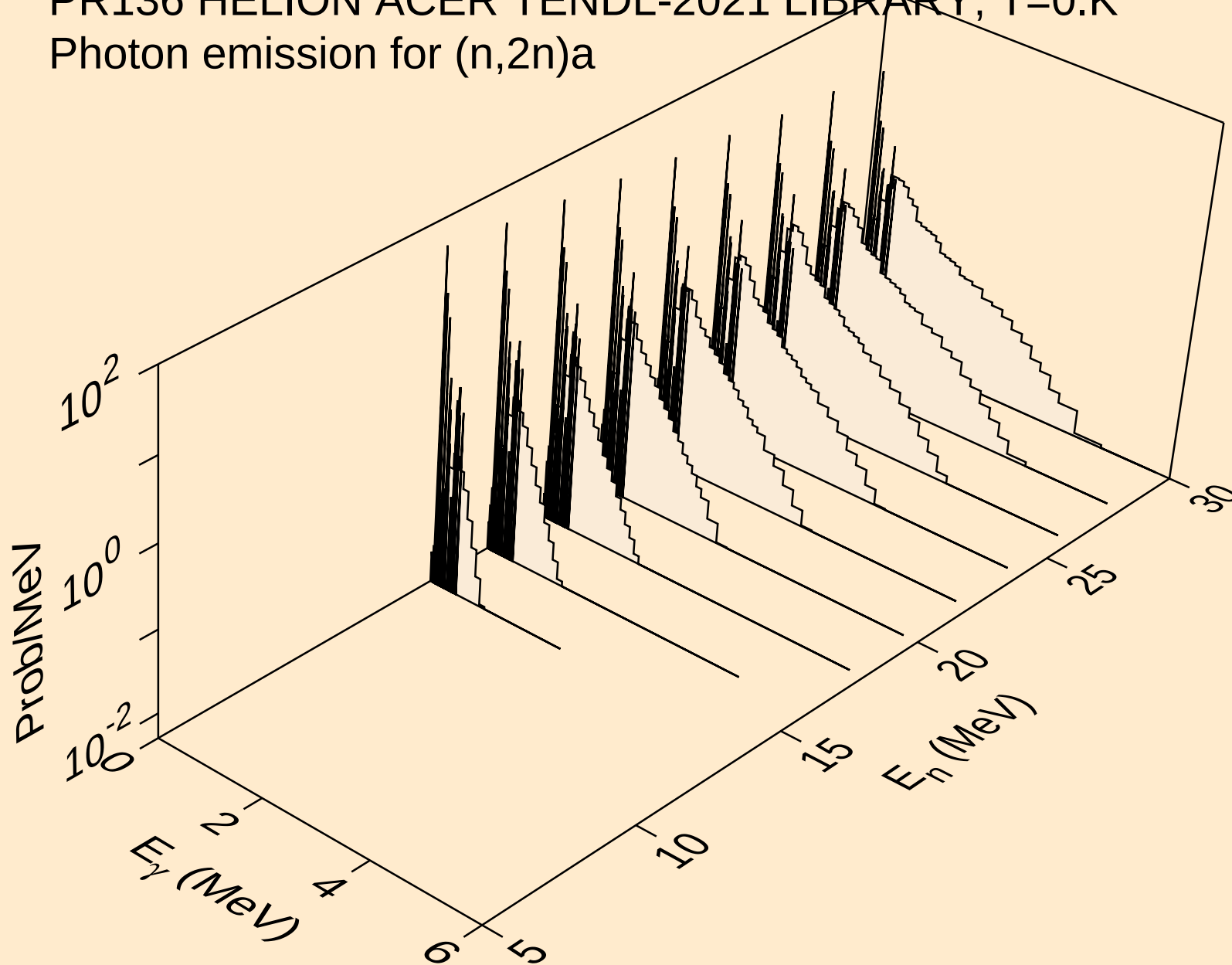


PR136 HELION ACER TENDL-2021 LIBRARY; T=0.K

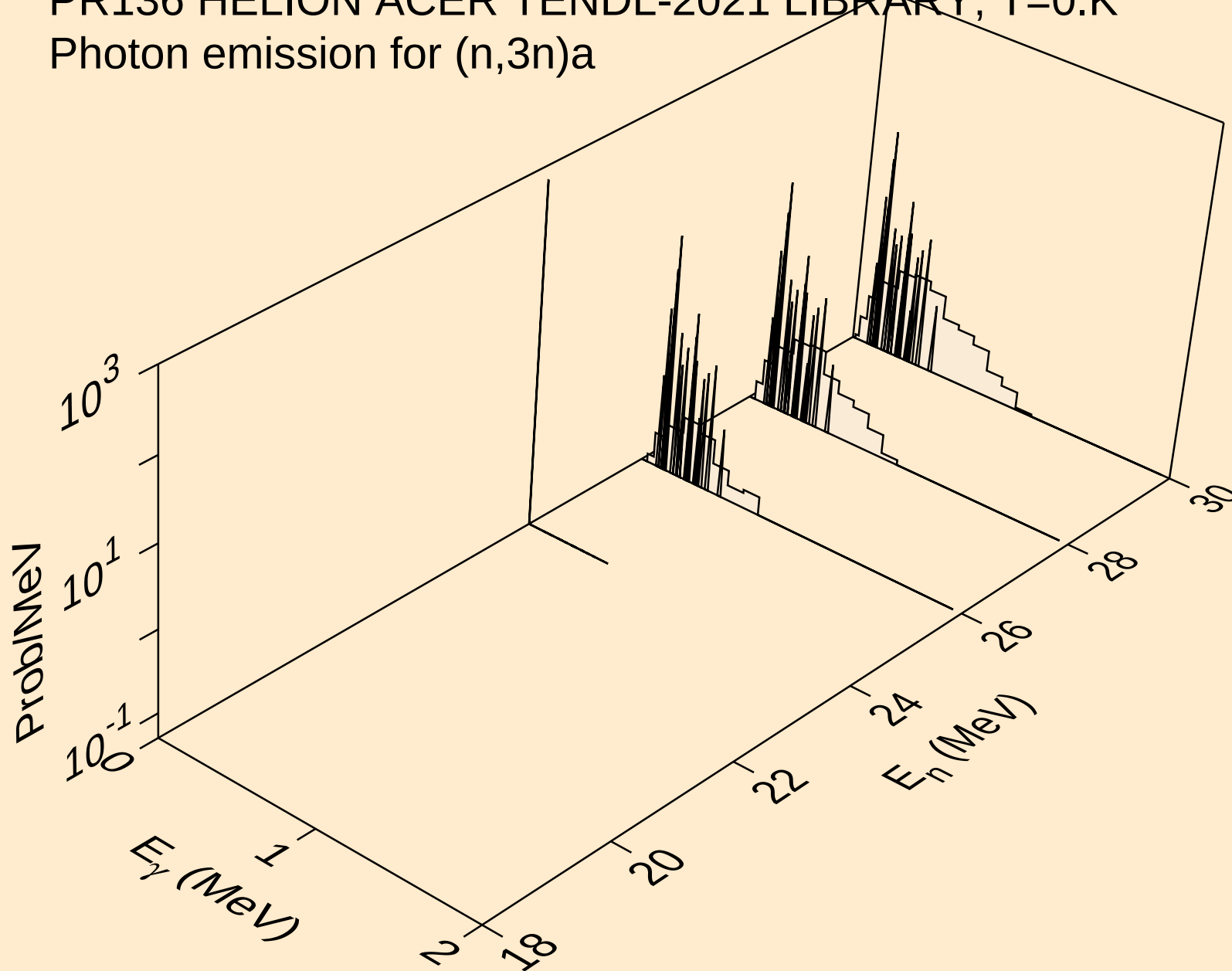
Photon emission for (n,n\*)a



PR136 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a

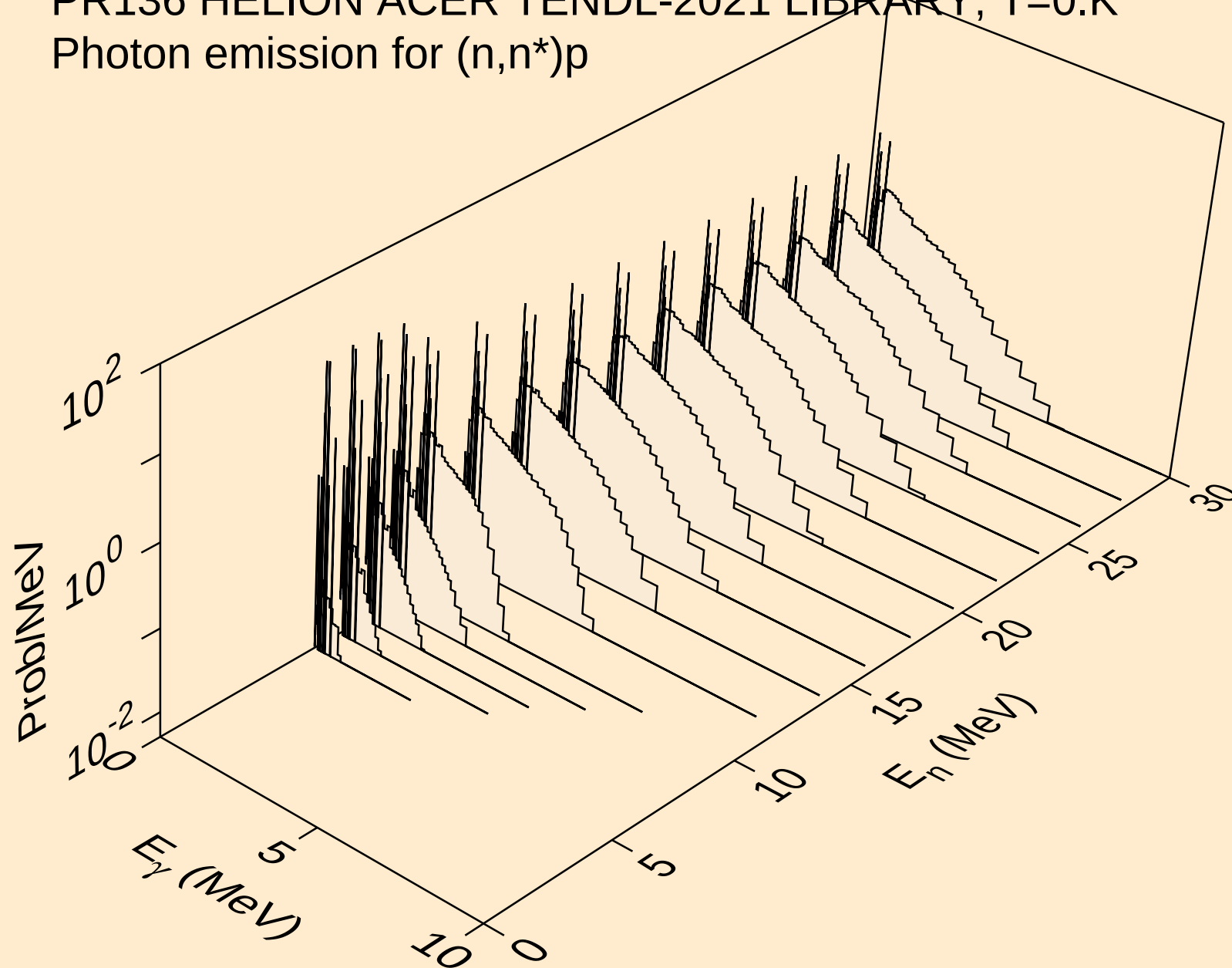


PR136 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n) $\alpha$



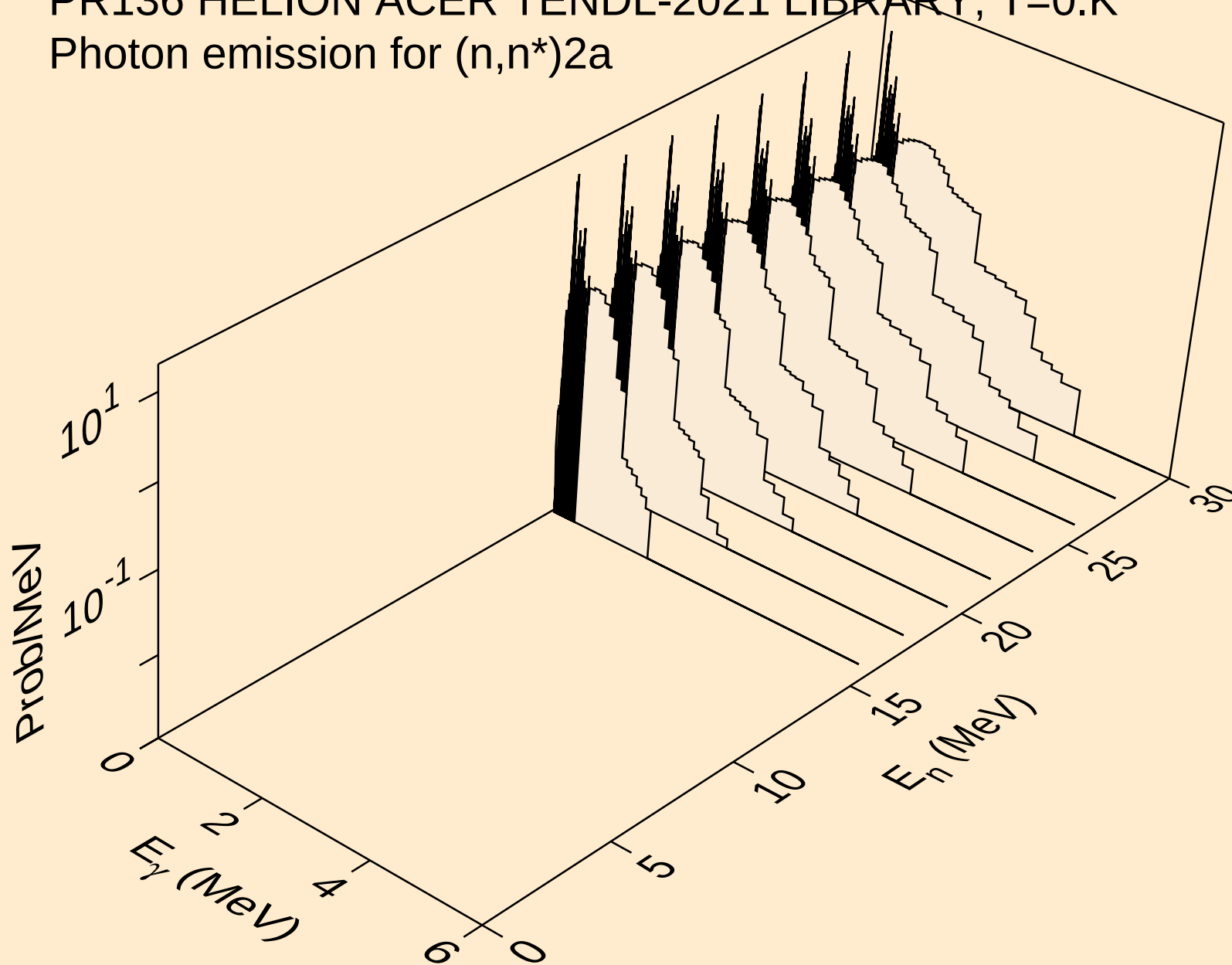
PR136 HELION ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,n\*)p



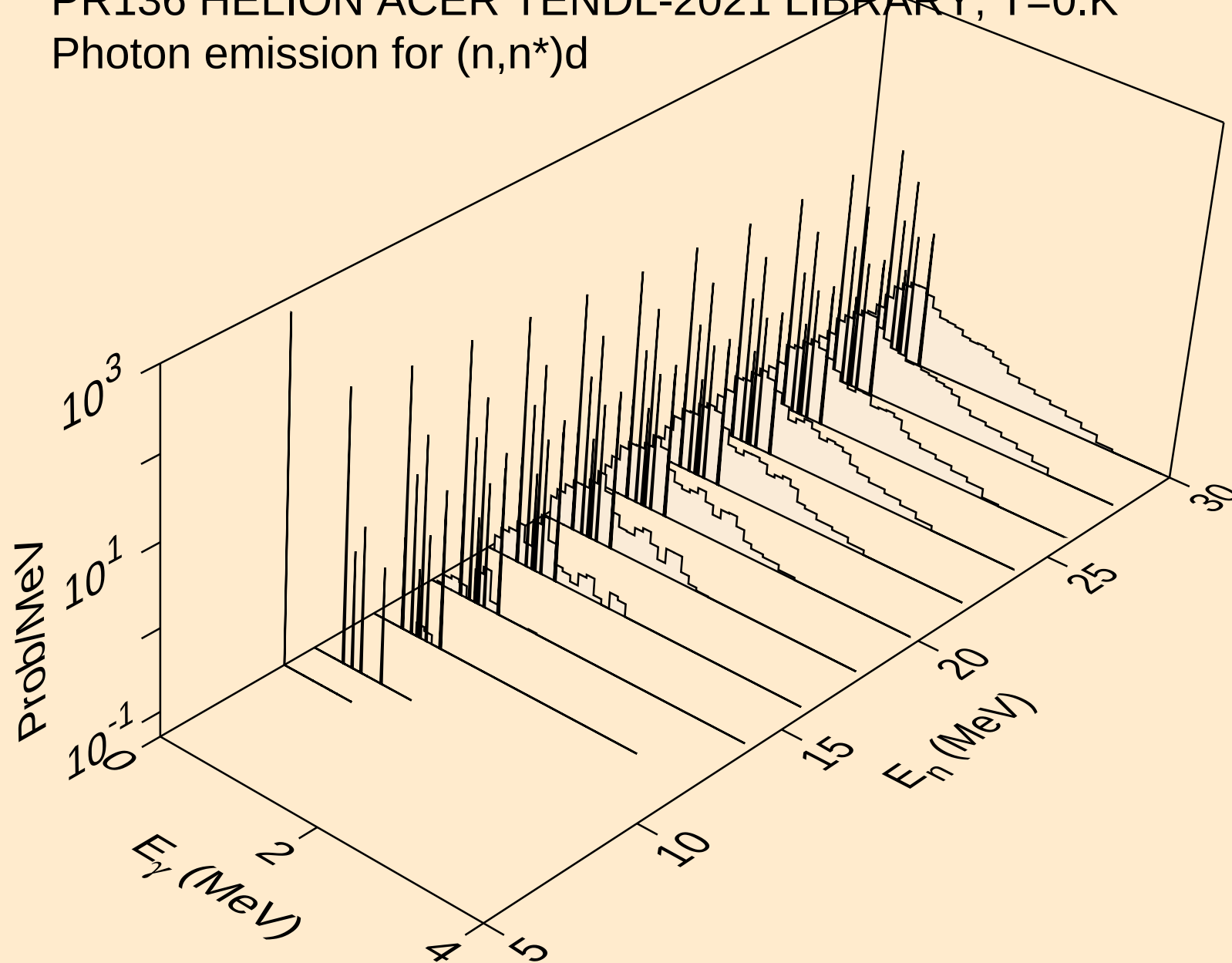
PR136 HELION ACER TENDL-2021 LIBRARY; T=0.K

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



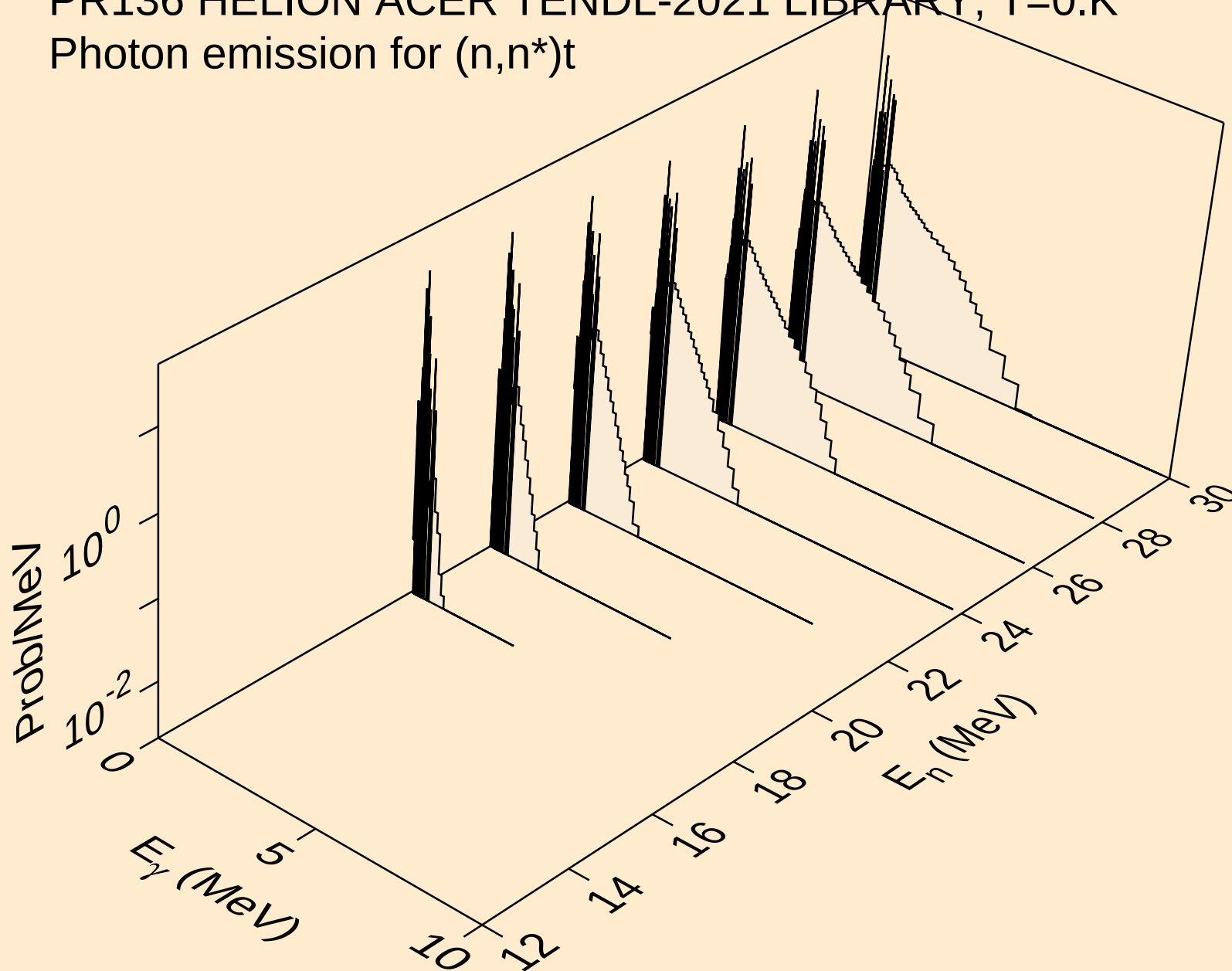
PR136 HELION ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,n\*)d



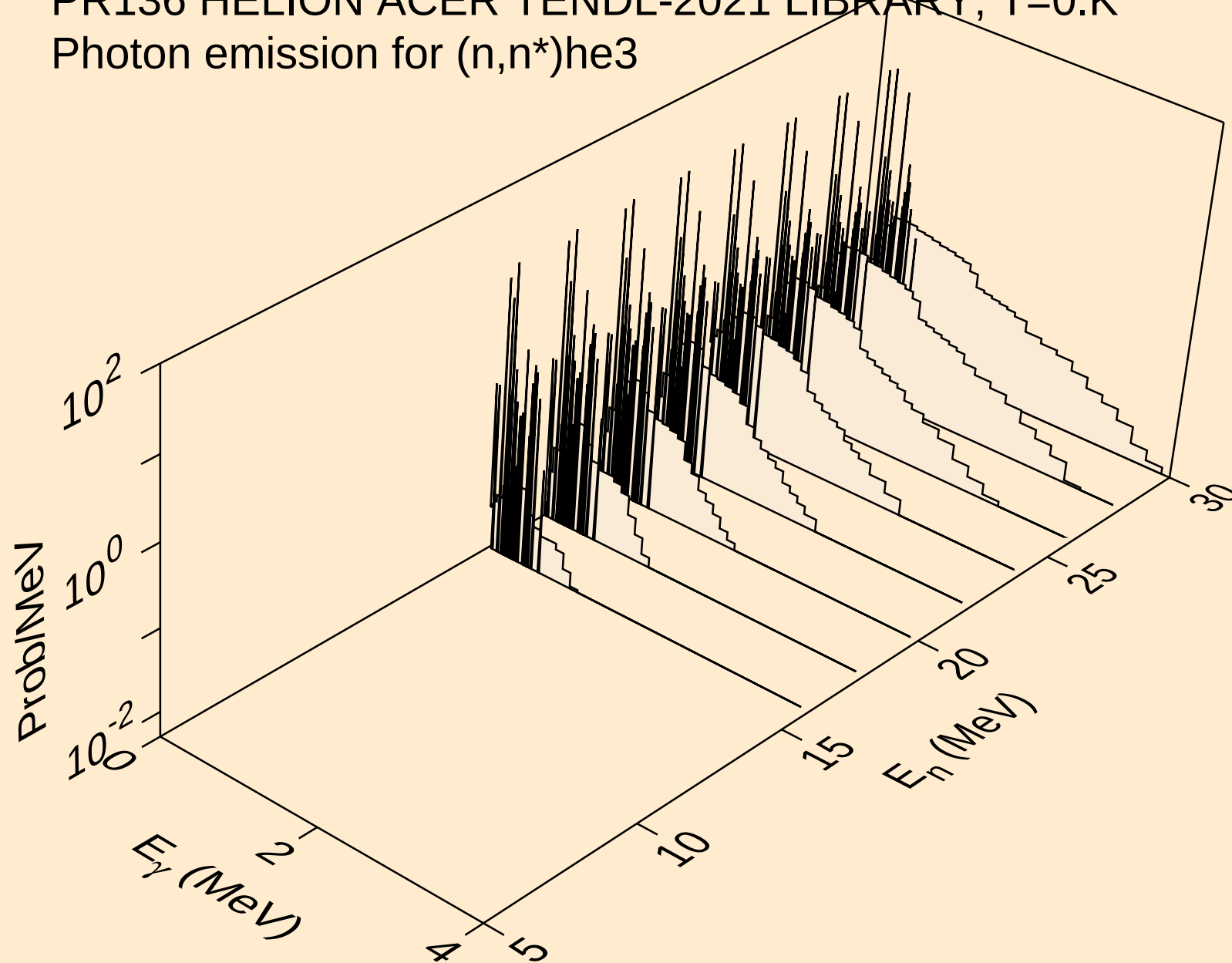
PR136 HELION ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,n\*)t



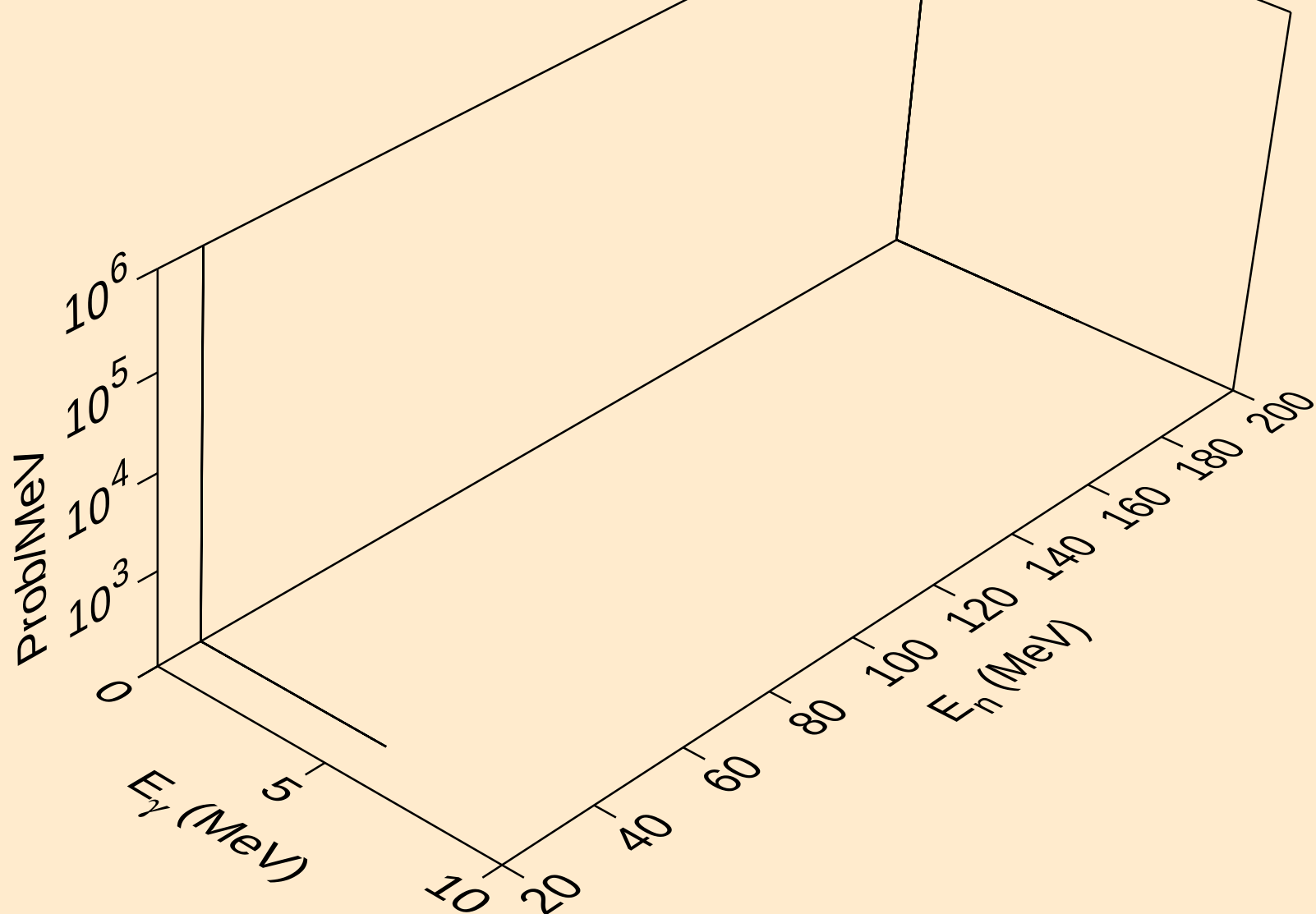
PR136 HELION ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,n\*)he3

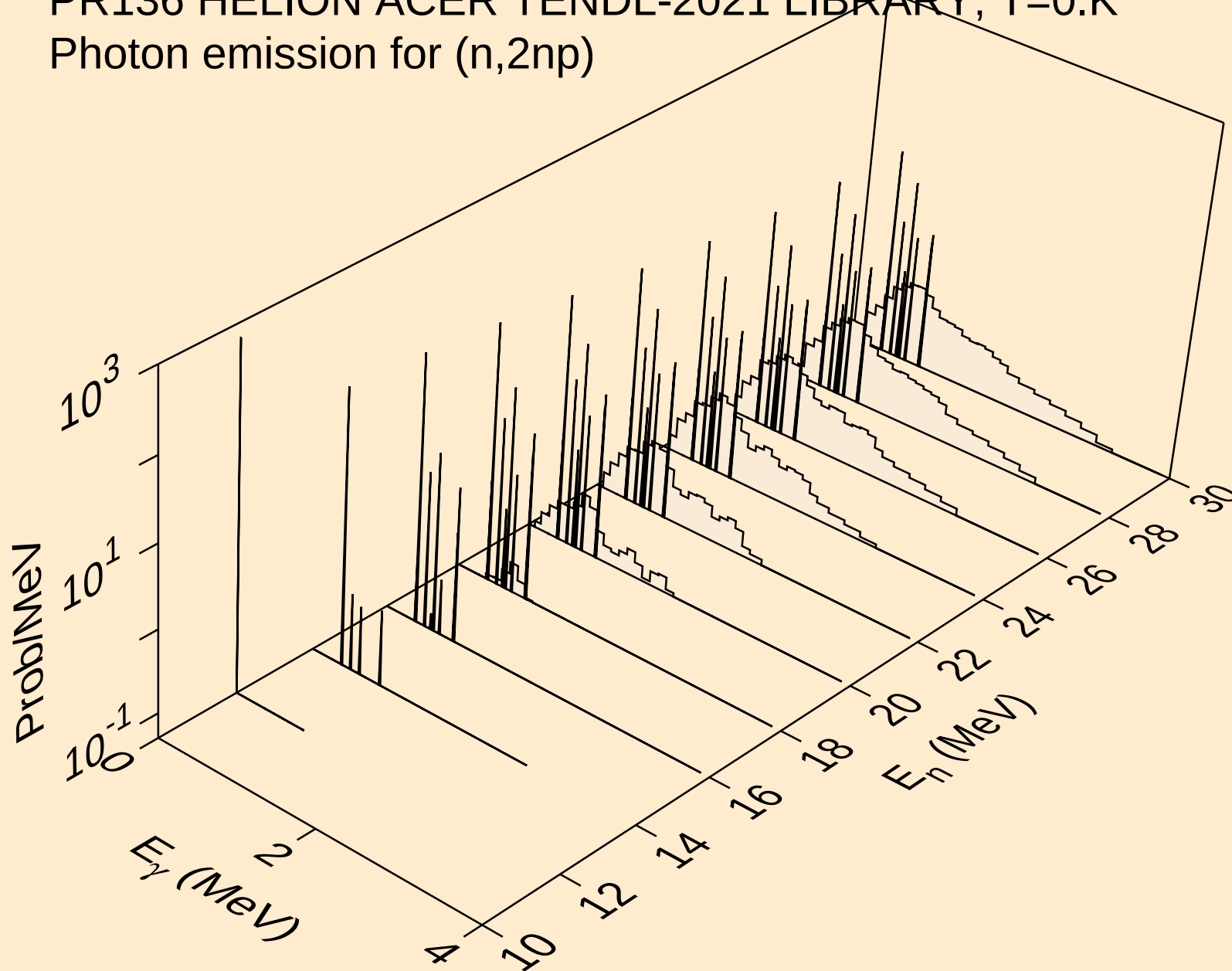


PR136 HELION ACER TENDL-2021 LIBRARY; T=0.K

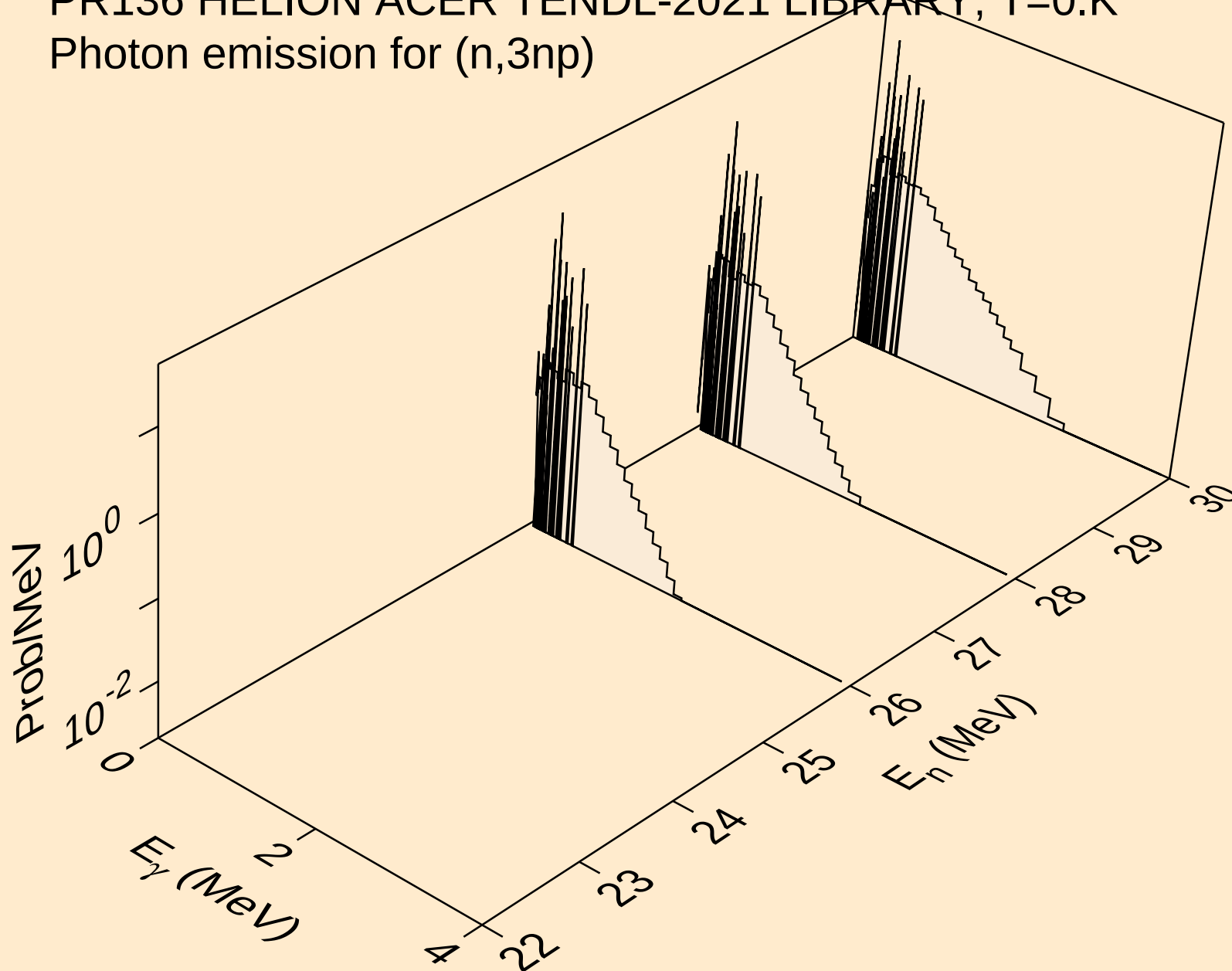
Photon emission for (n,4n)



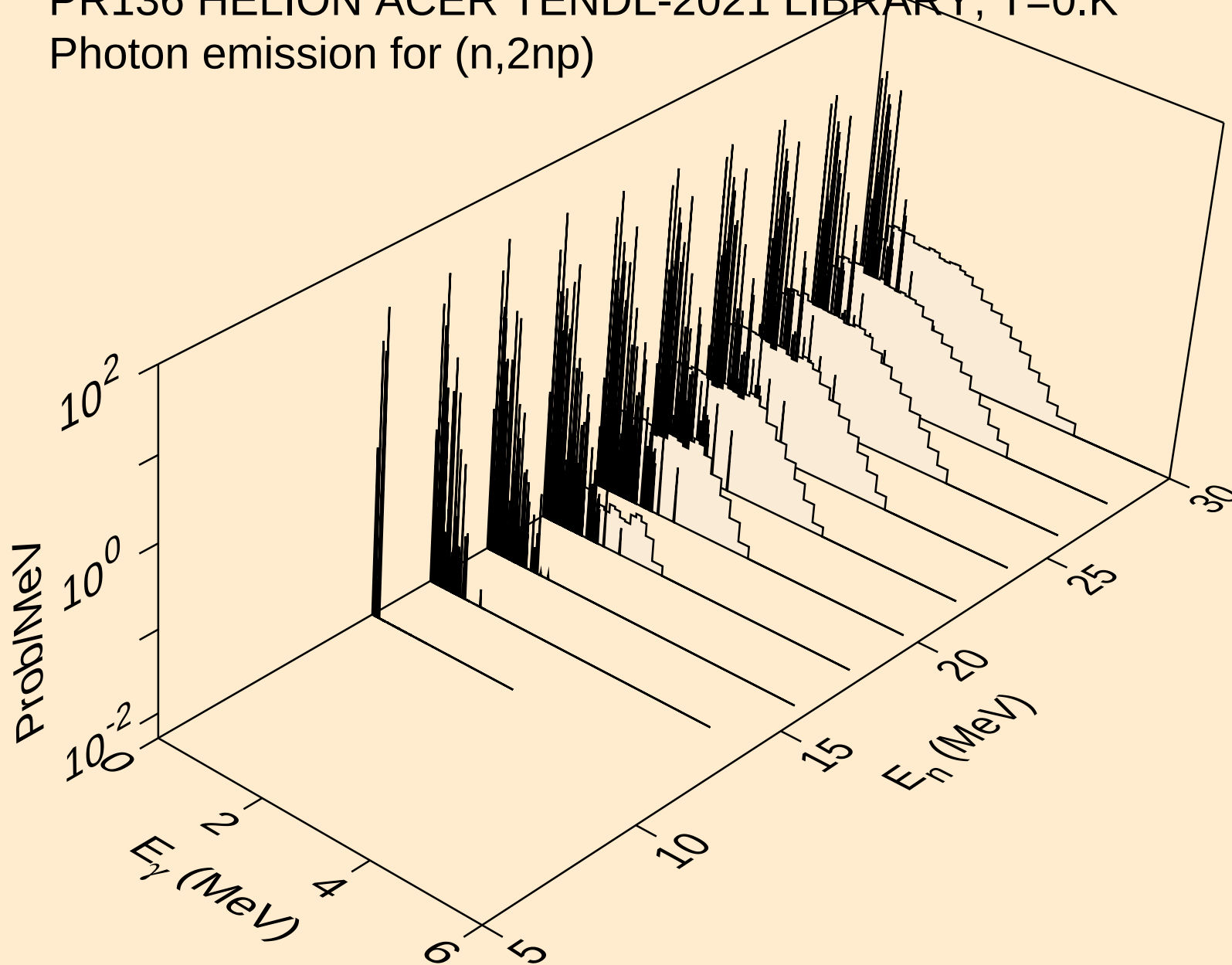
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Photon emission for (n,2np)



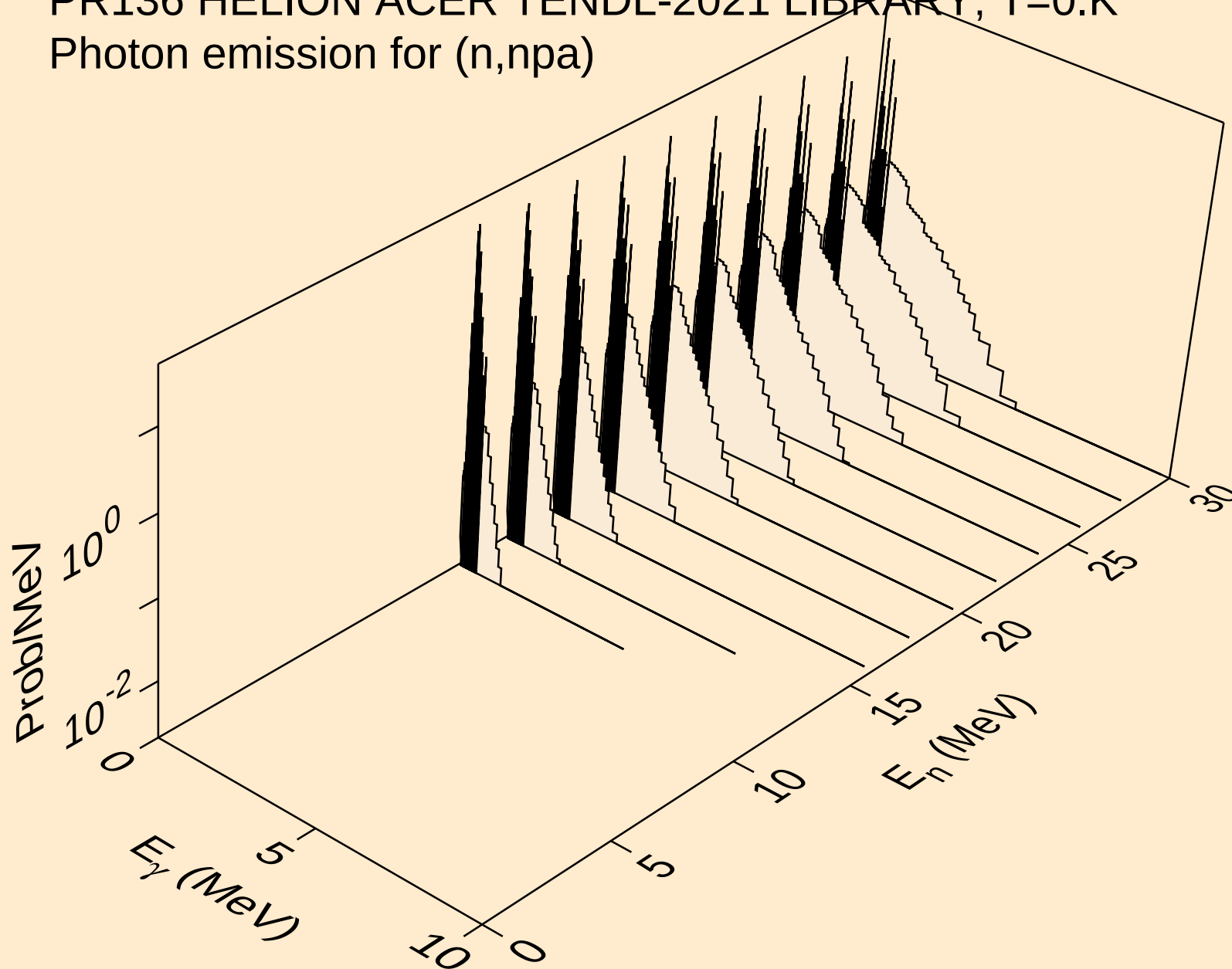
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Photon emission for (n,3np)



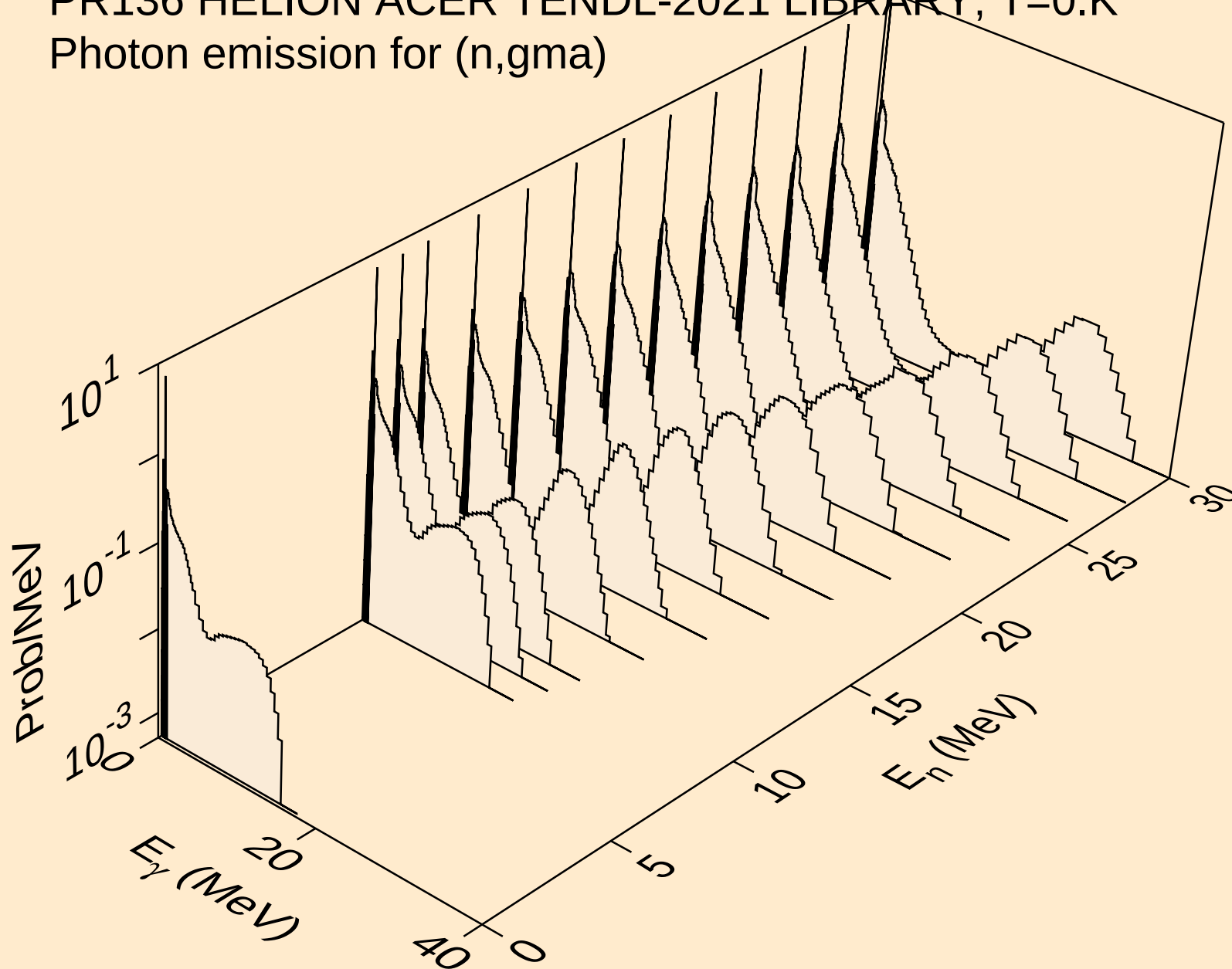
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Photon emission for (n,2np)



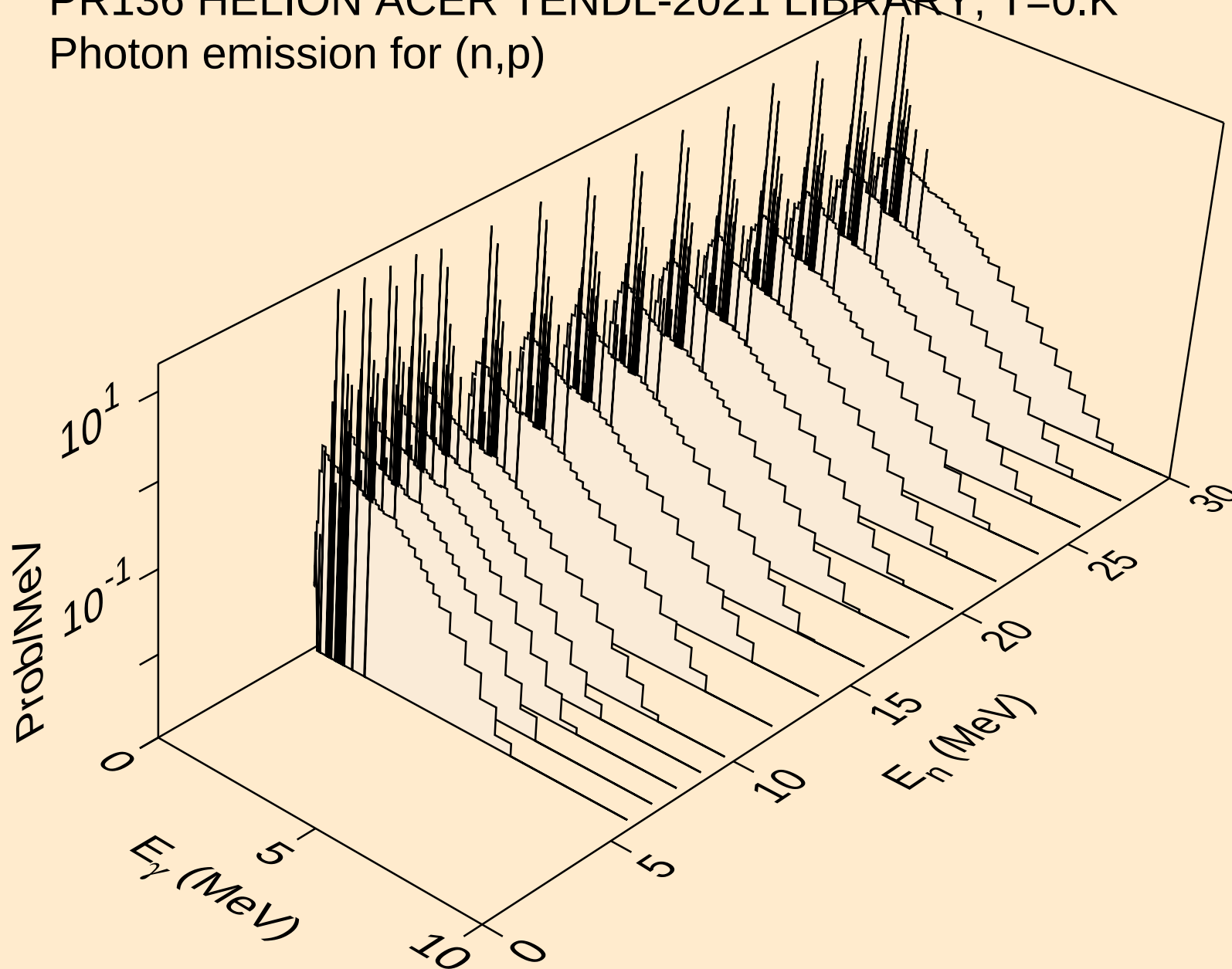
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Photon emission for (n,npa)



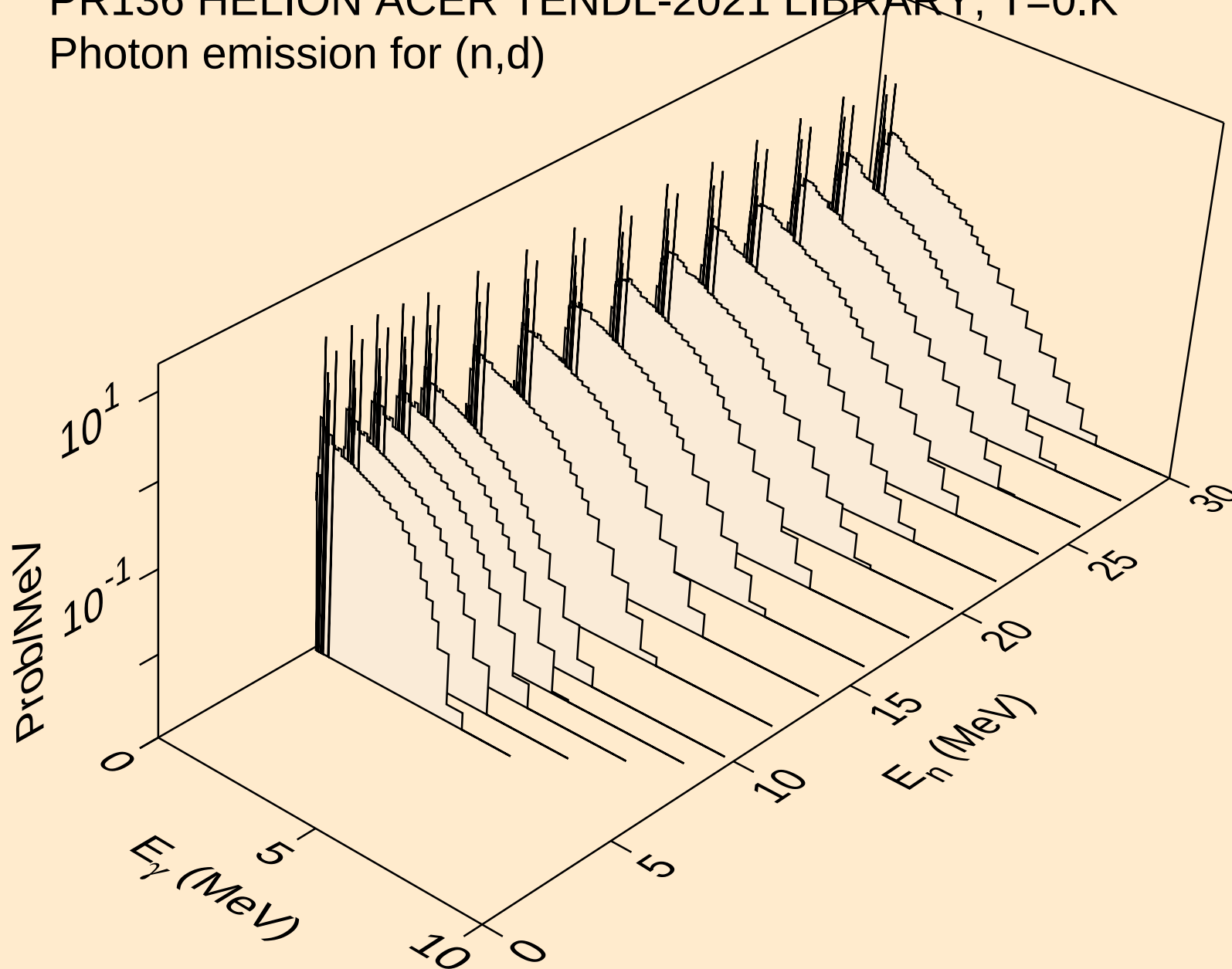
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Photon emission for (n,gma)



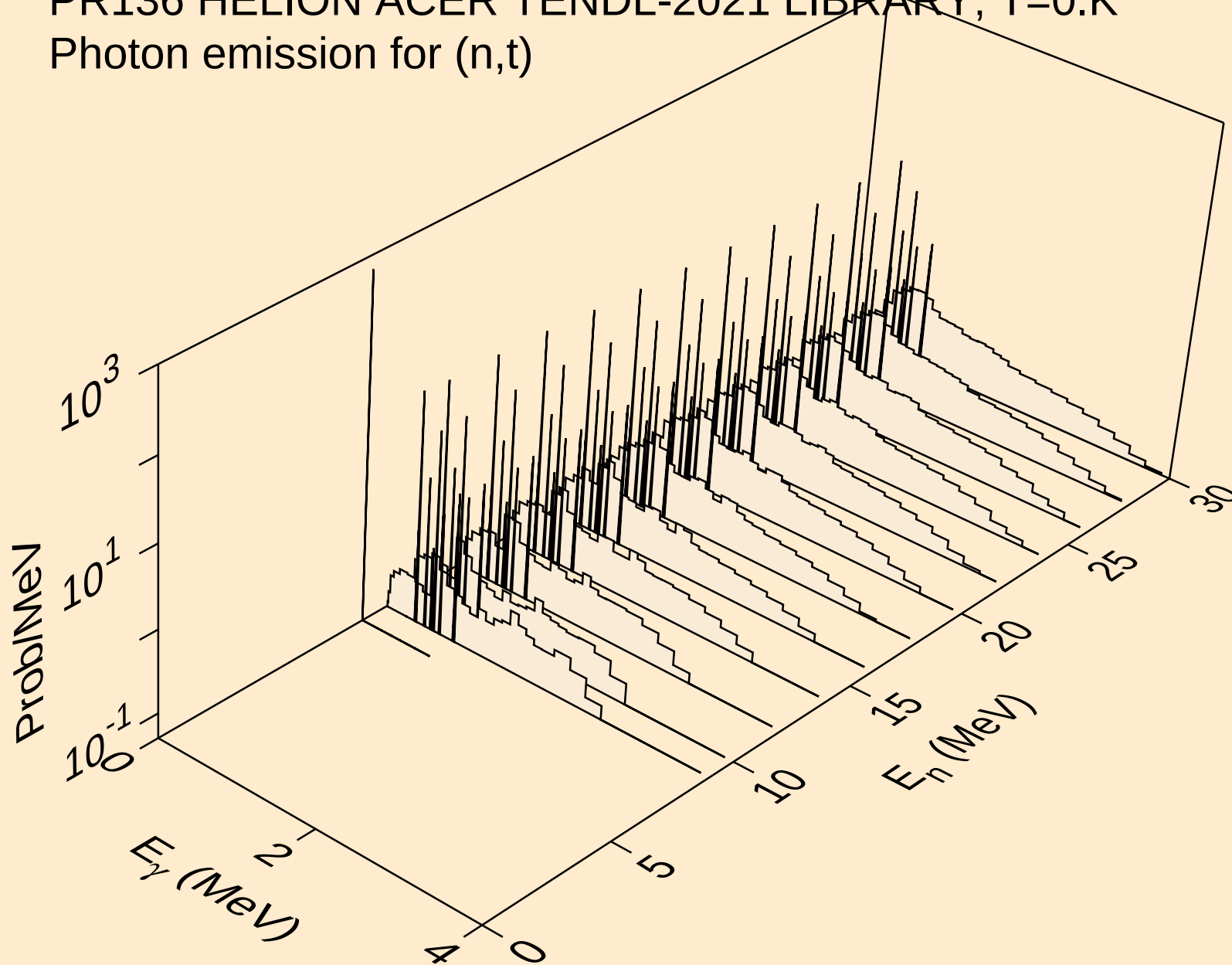
PR136 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p)



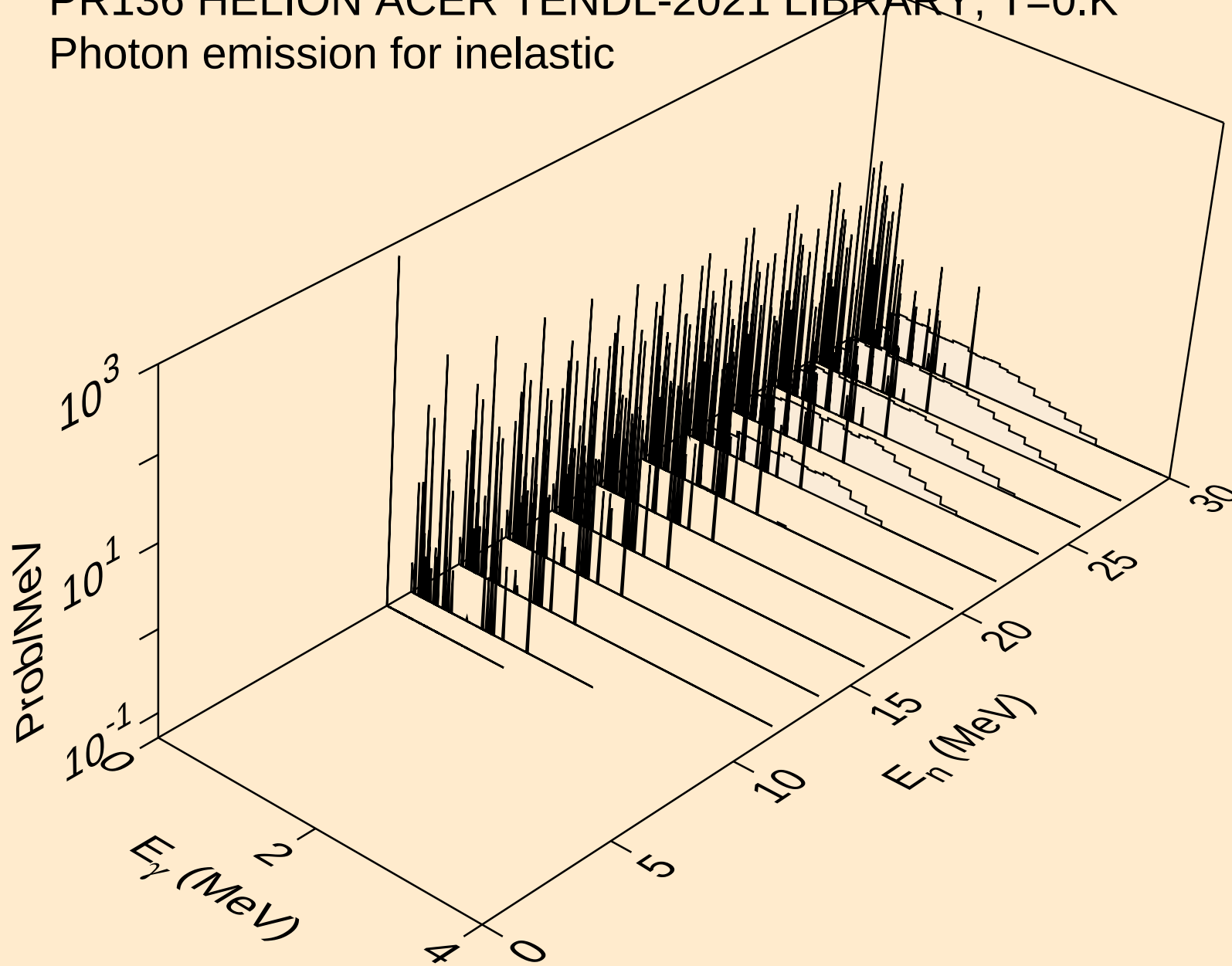
PR136 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)



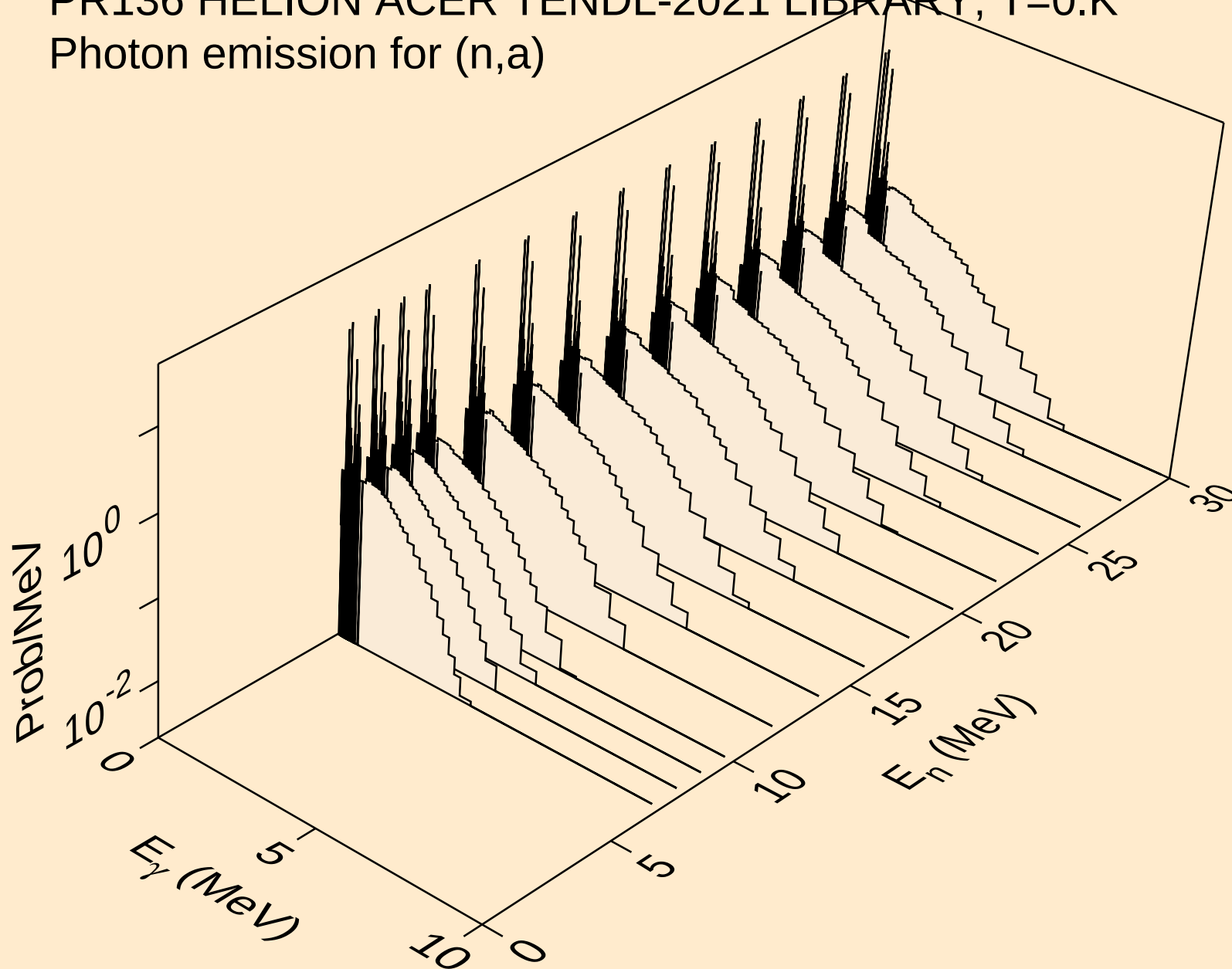
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Photon emission for (n,t)



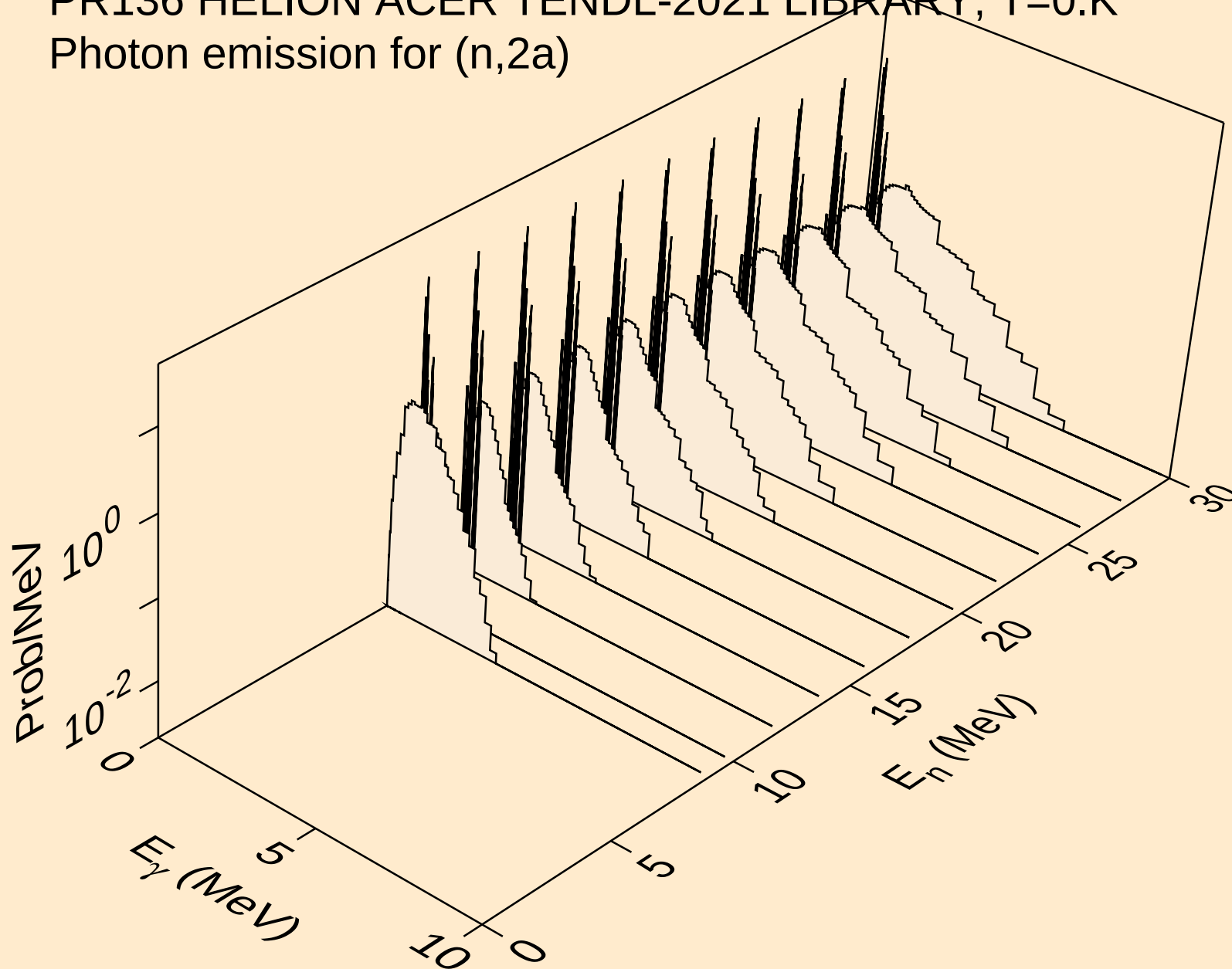
PR136 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



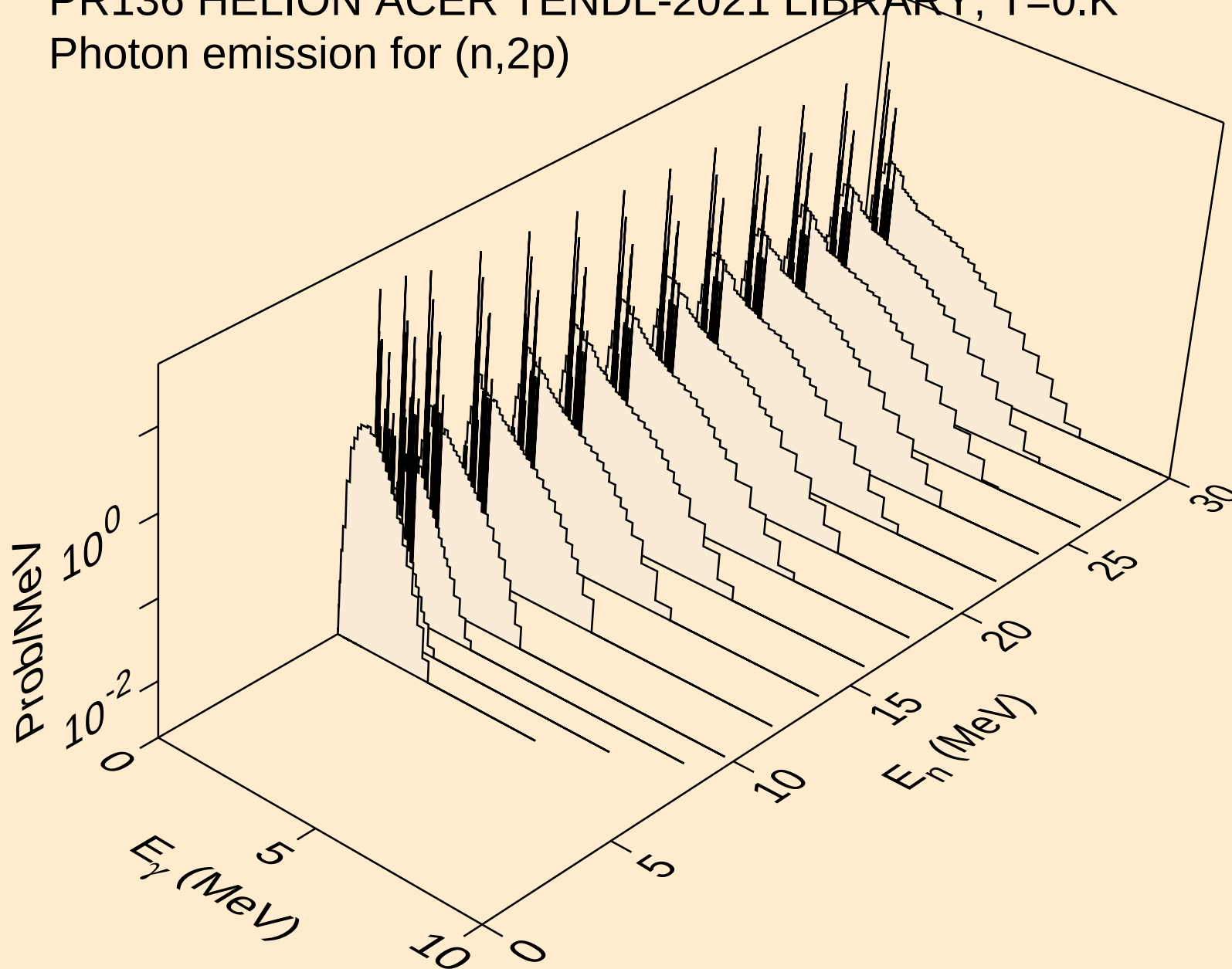
PR136 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,a)



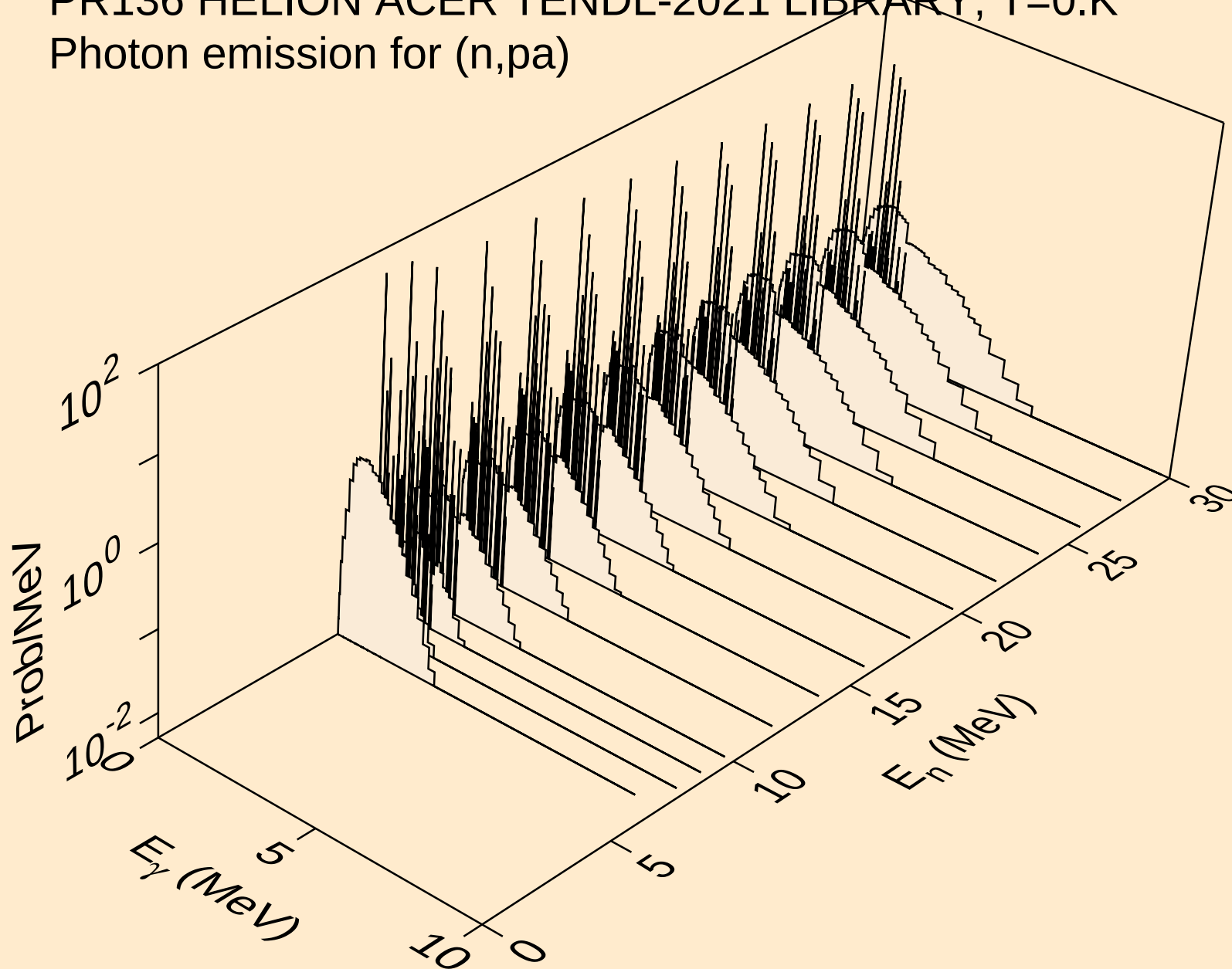
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Photon emission for (n,2a)



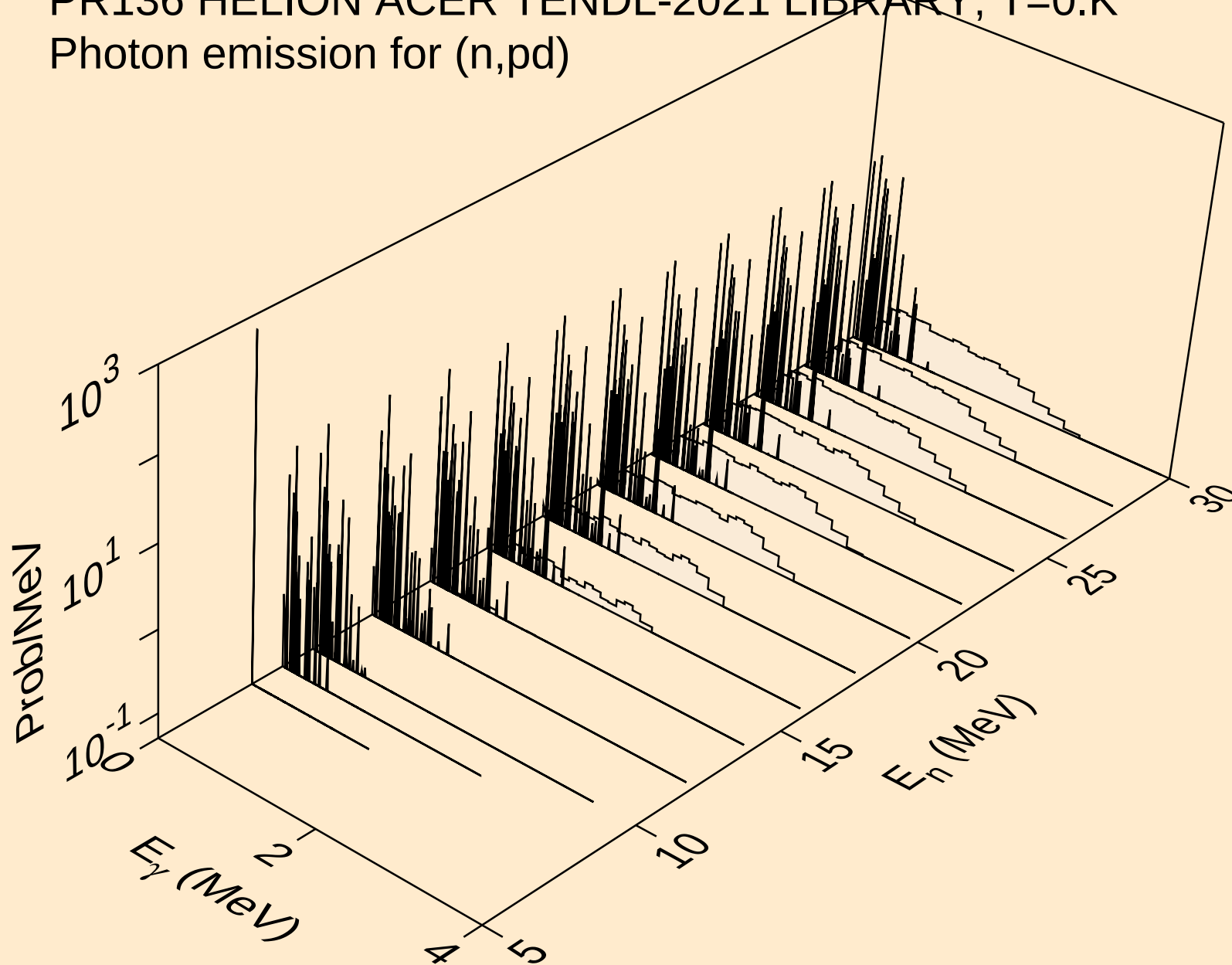
PR136 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)



PR136 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )

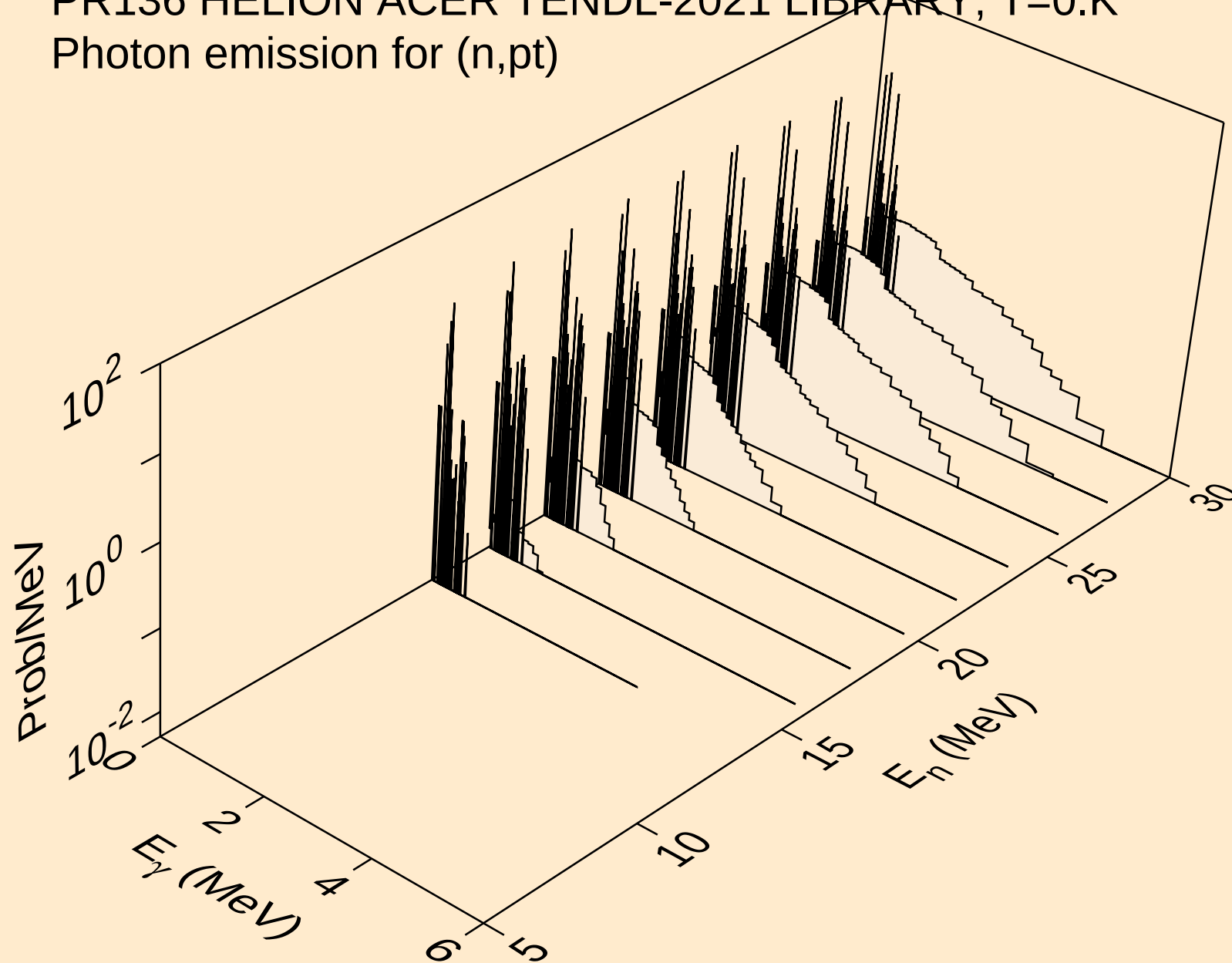


PR136 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)

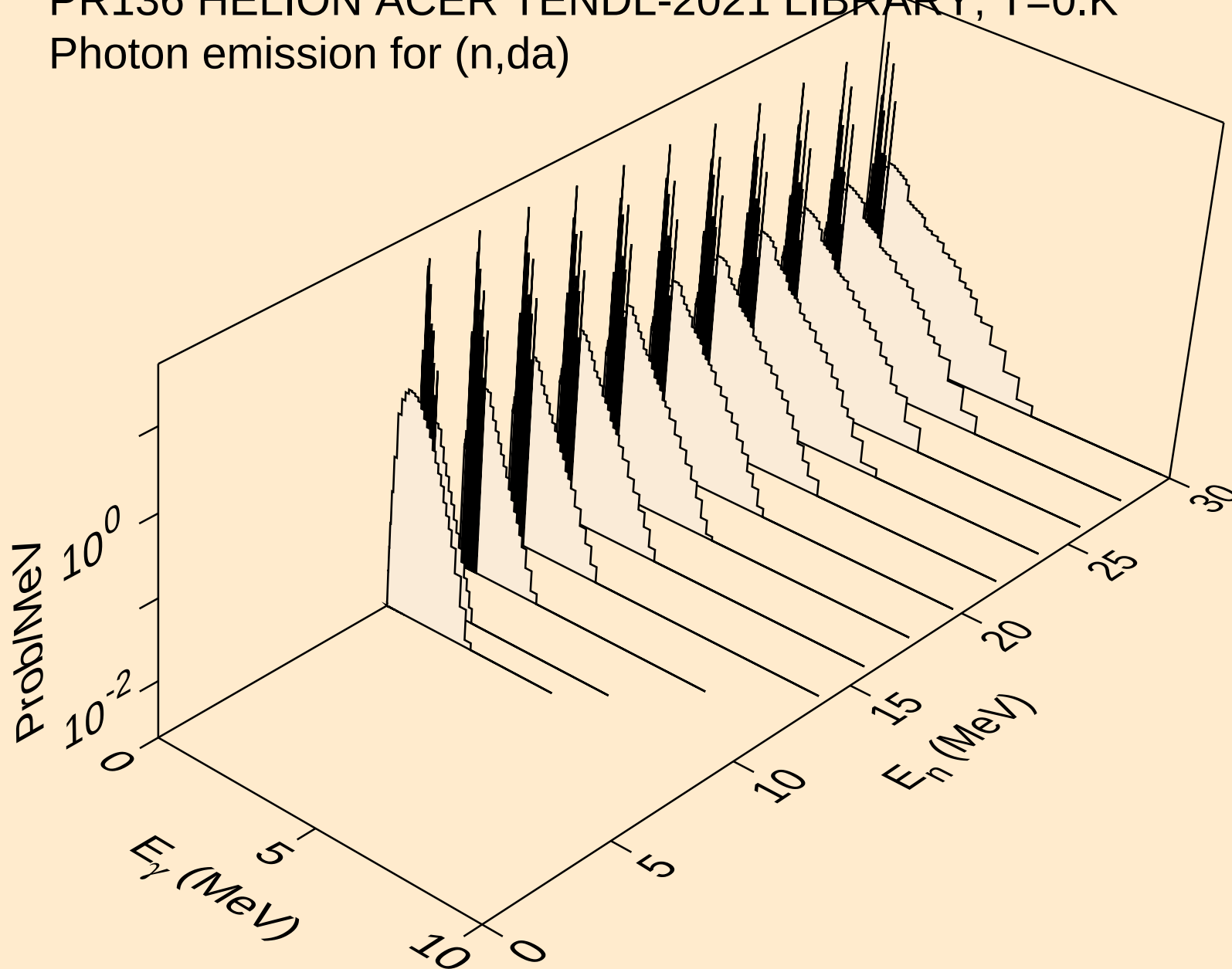


PR136 HELION ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,pt)

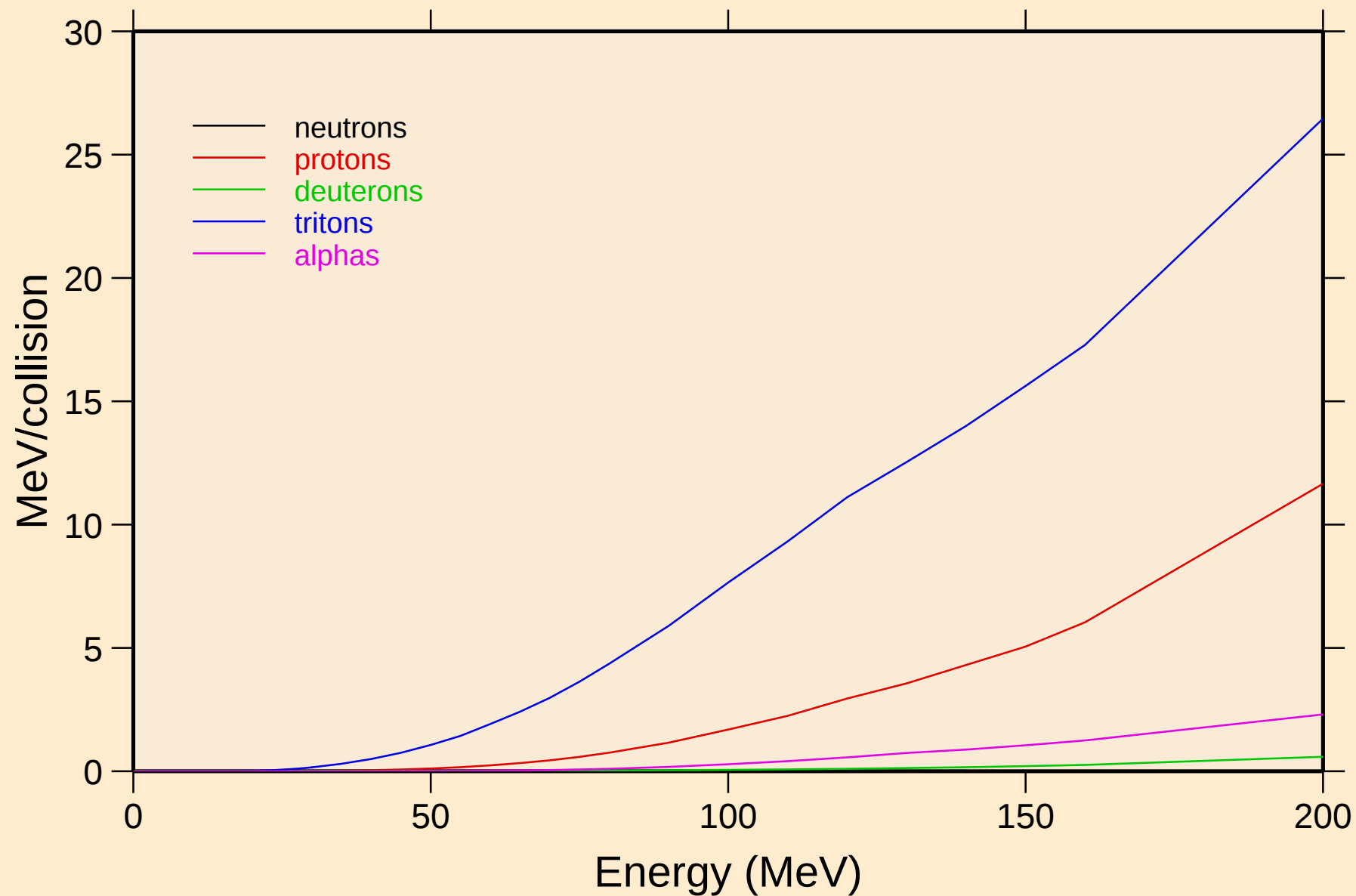


PR136 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,da)



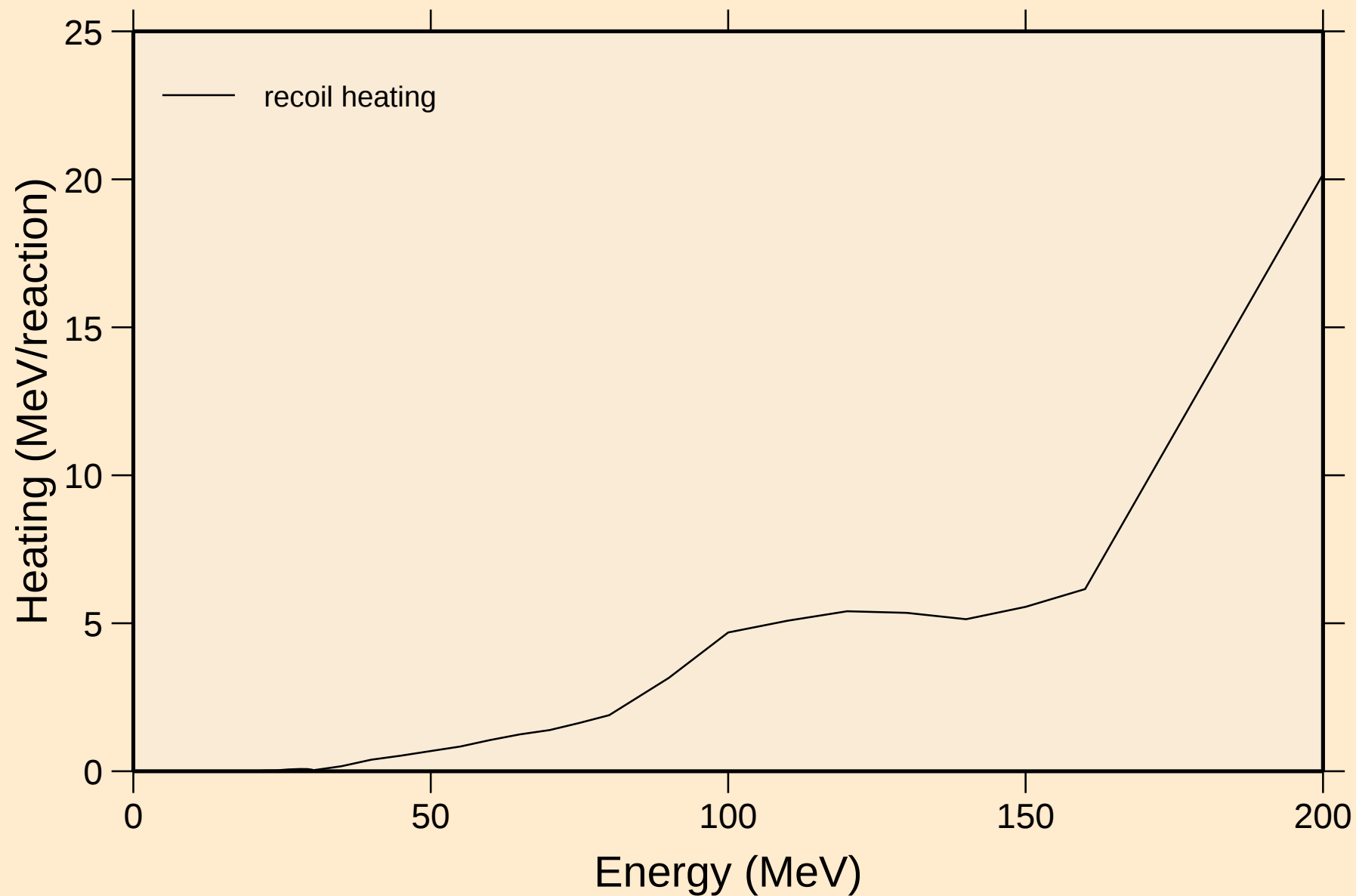
# PR136 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Particle heating contributions



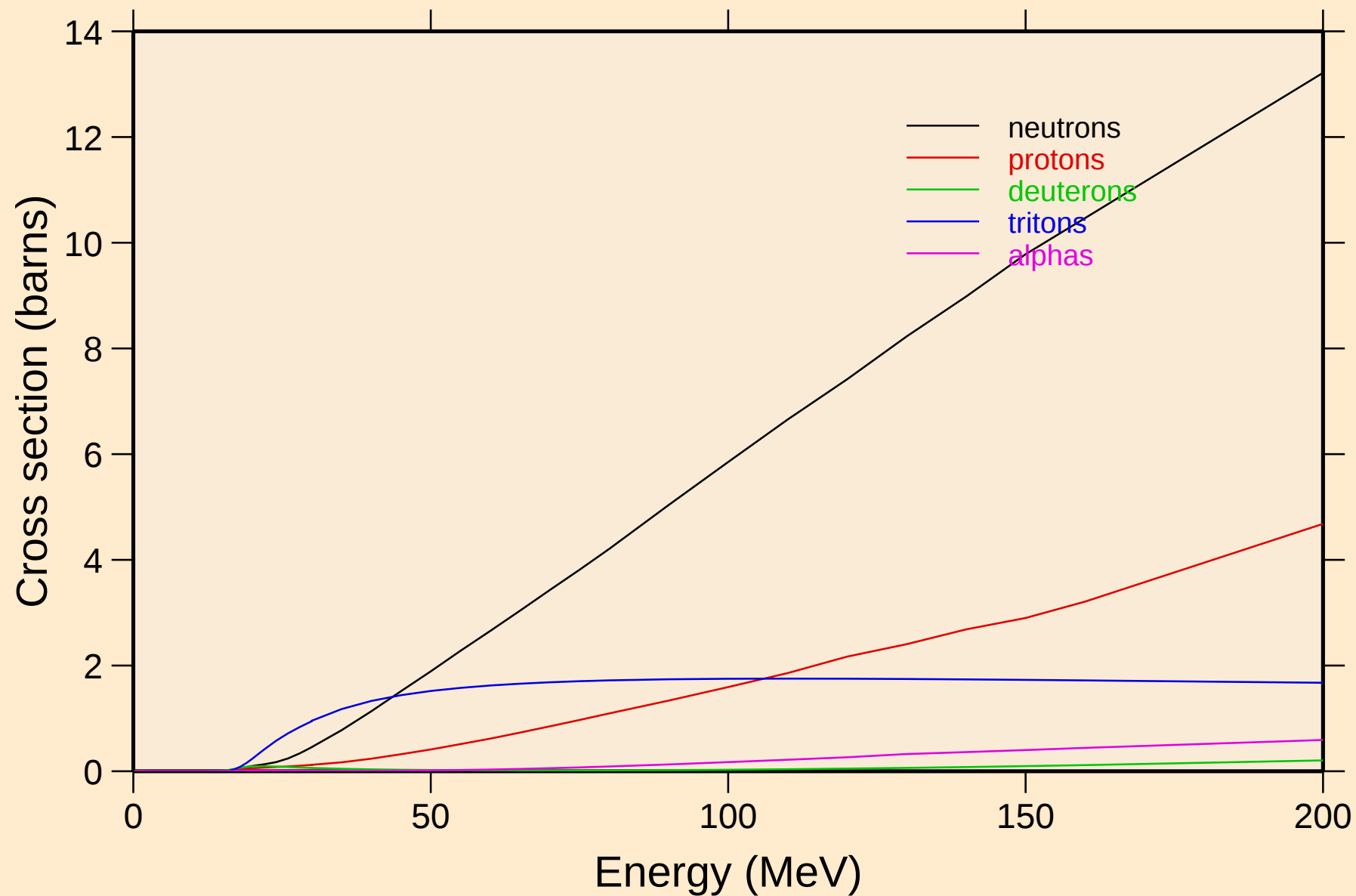
PR136 HELION ACER TENDL-2021 LIBRARY; T=0.K

Recoil Heating

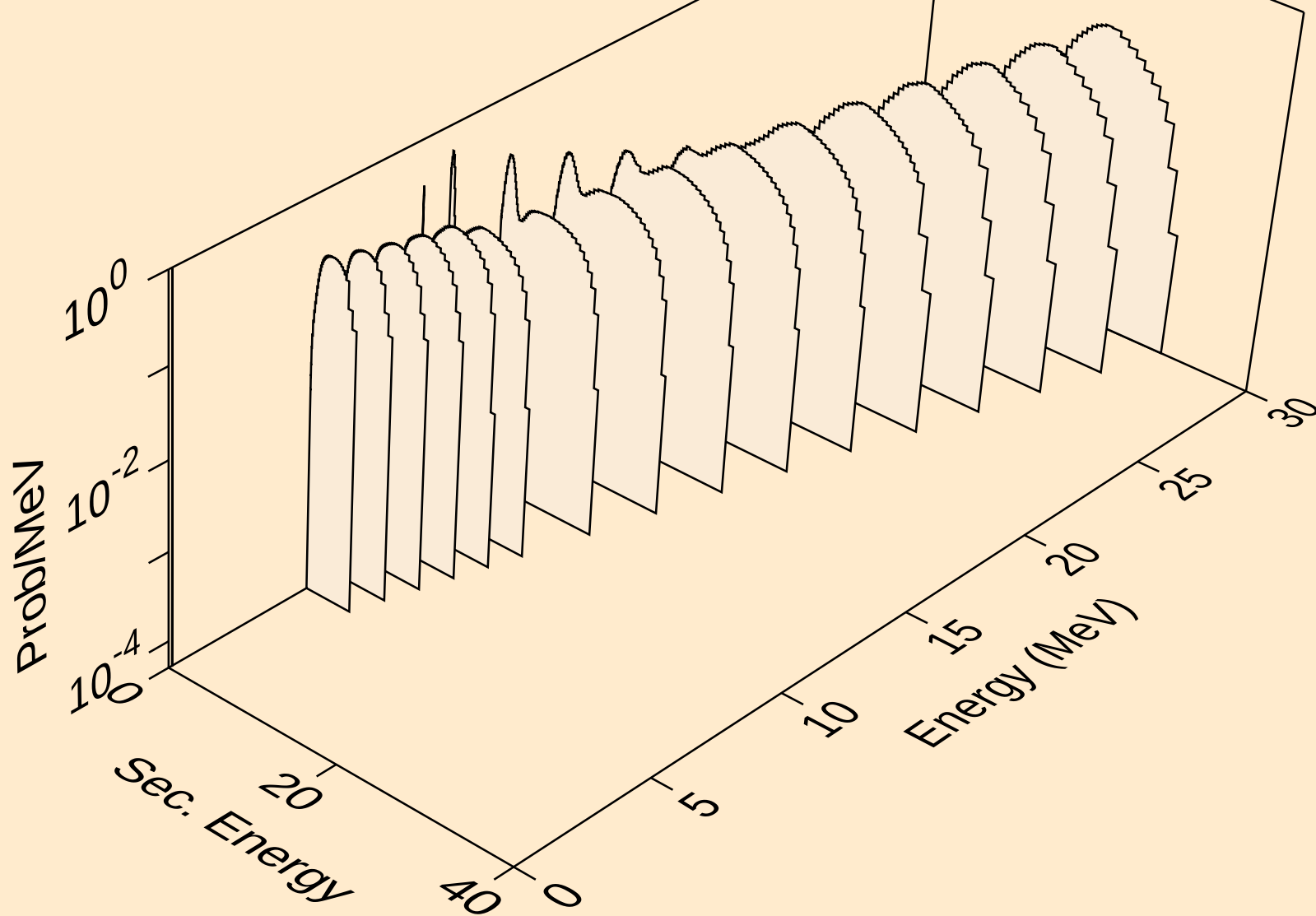


PR136 HELION ACER TENDL-2021 LIBRARY; T=0.K

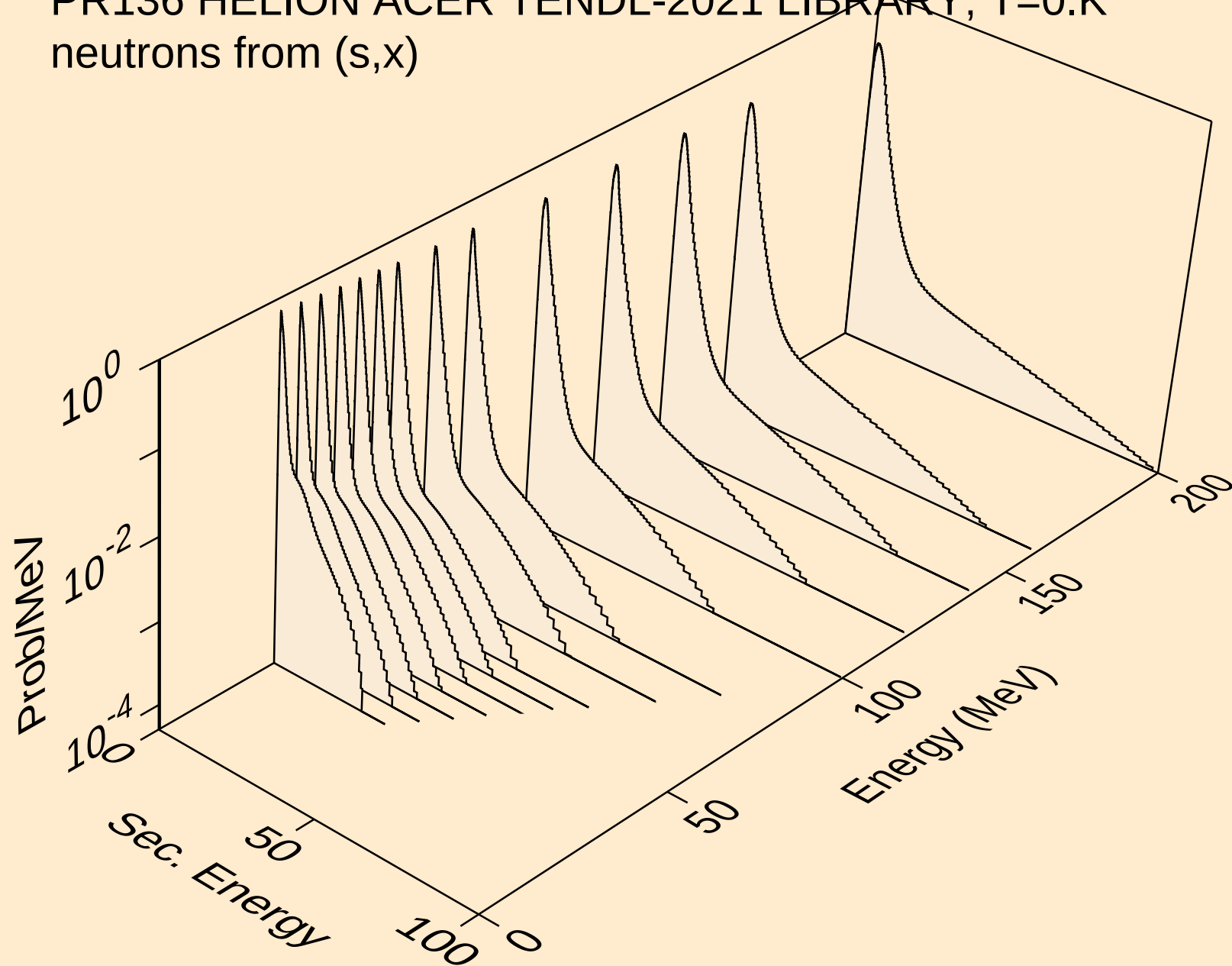
Particle production cross sections



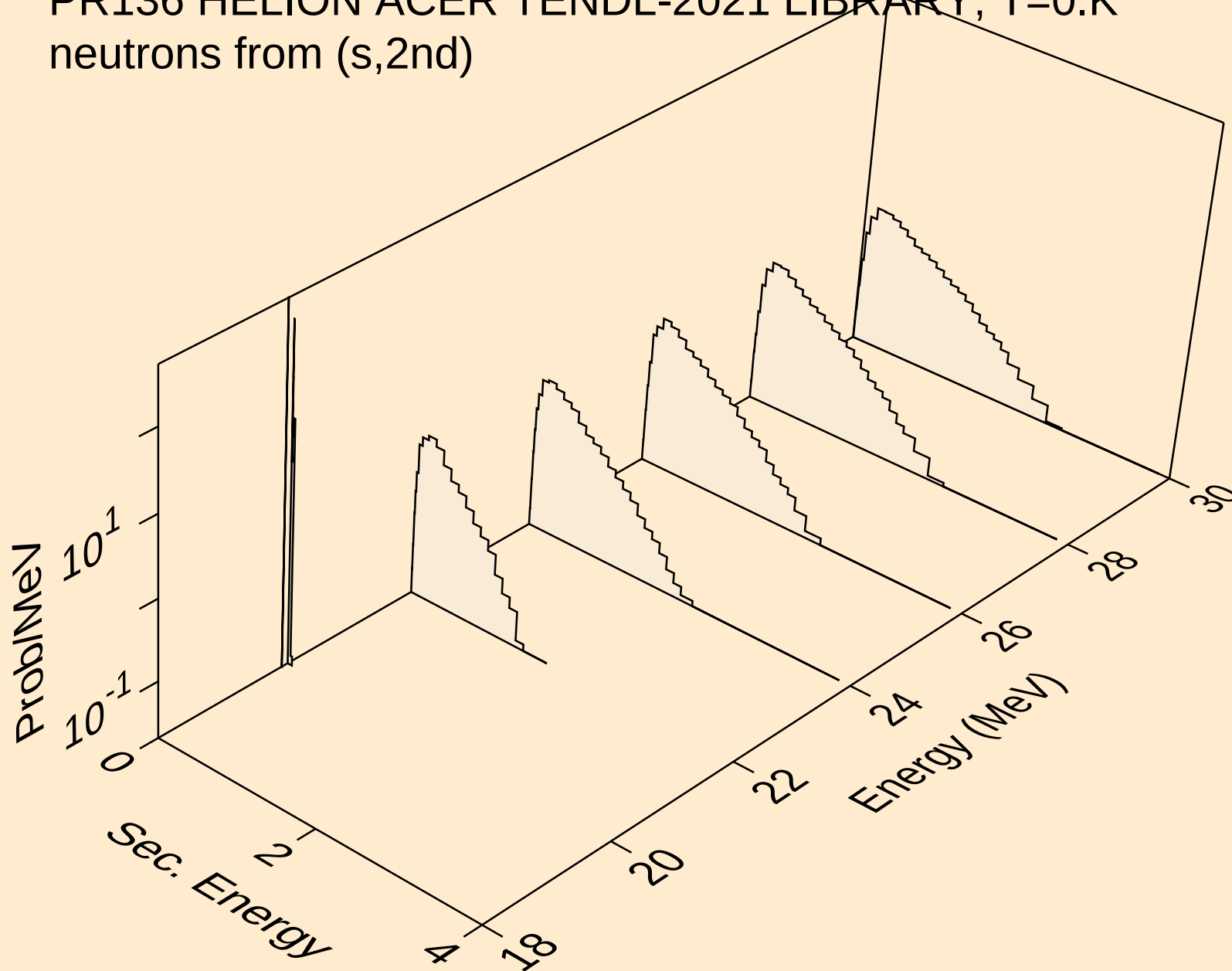
PR136 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n)



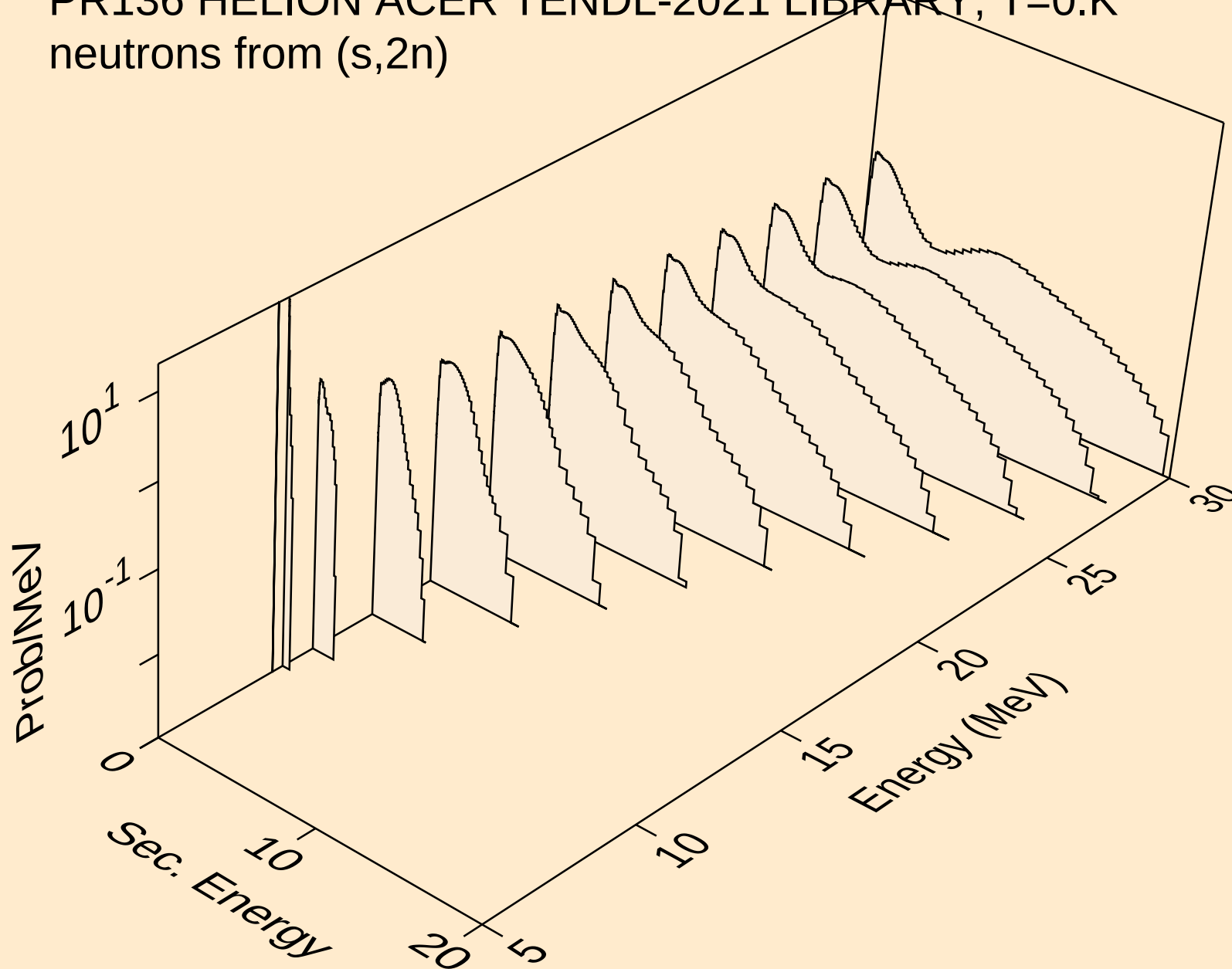
PR136 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,x)



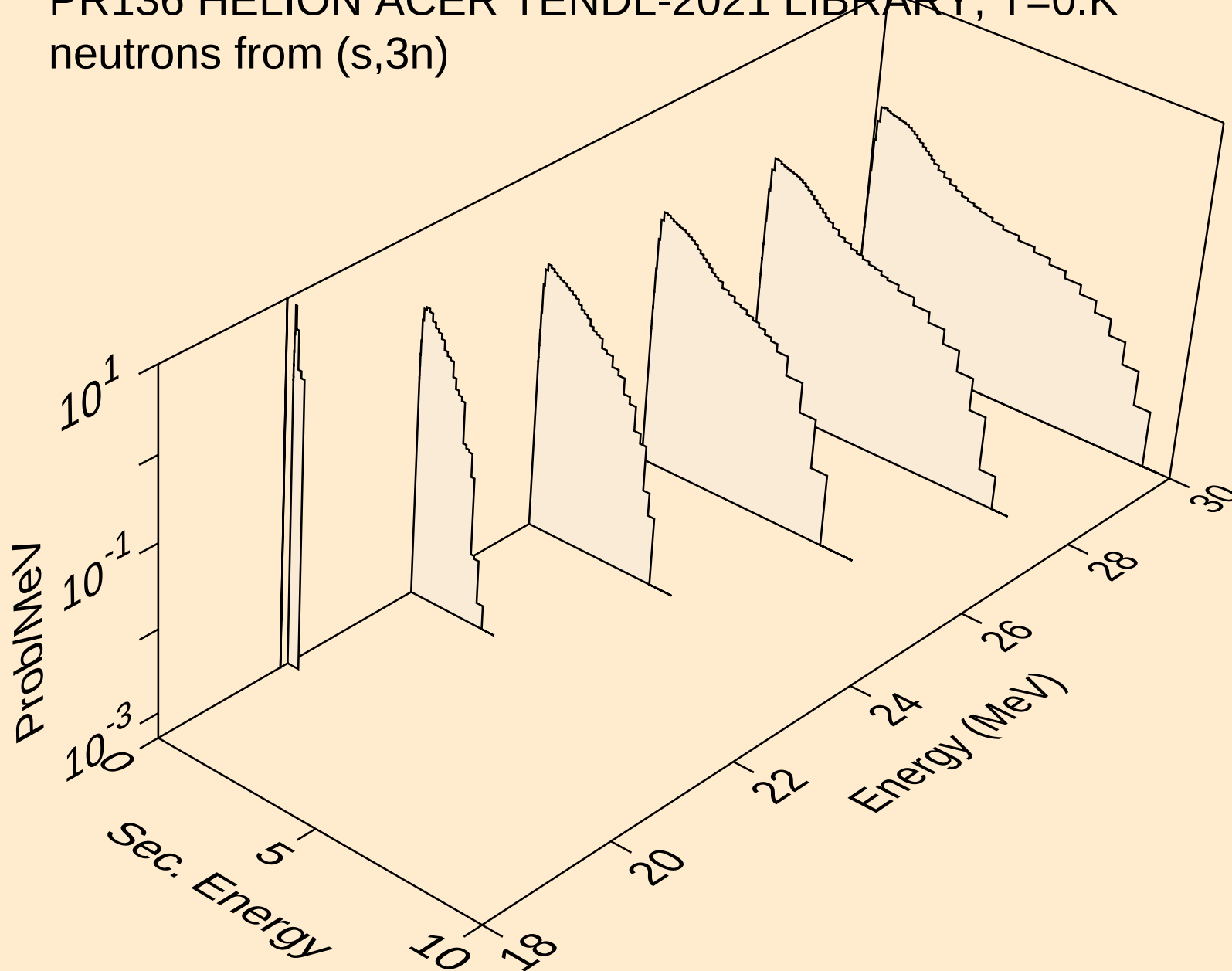
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neutrons from (s,2nd)



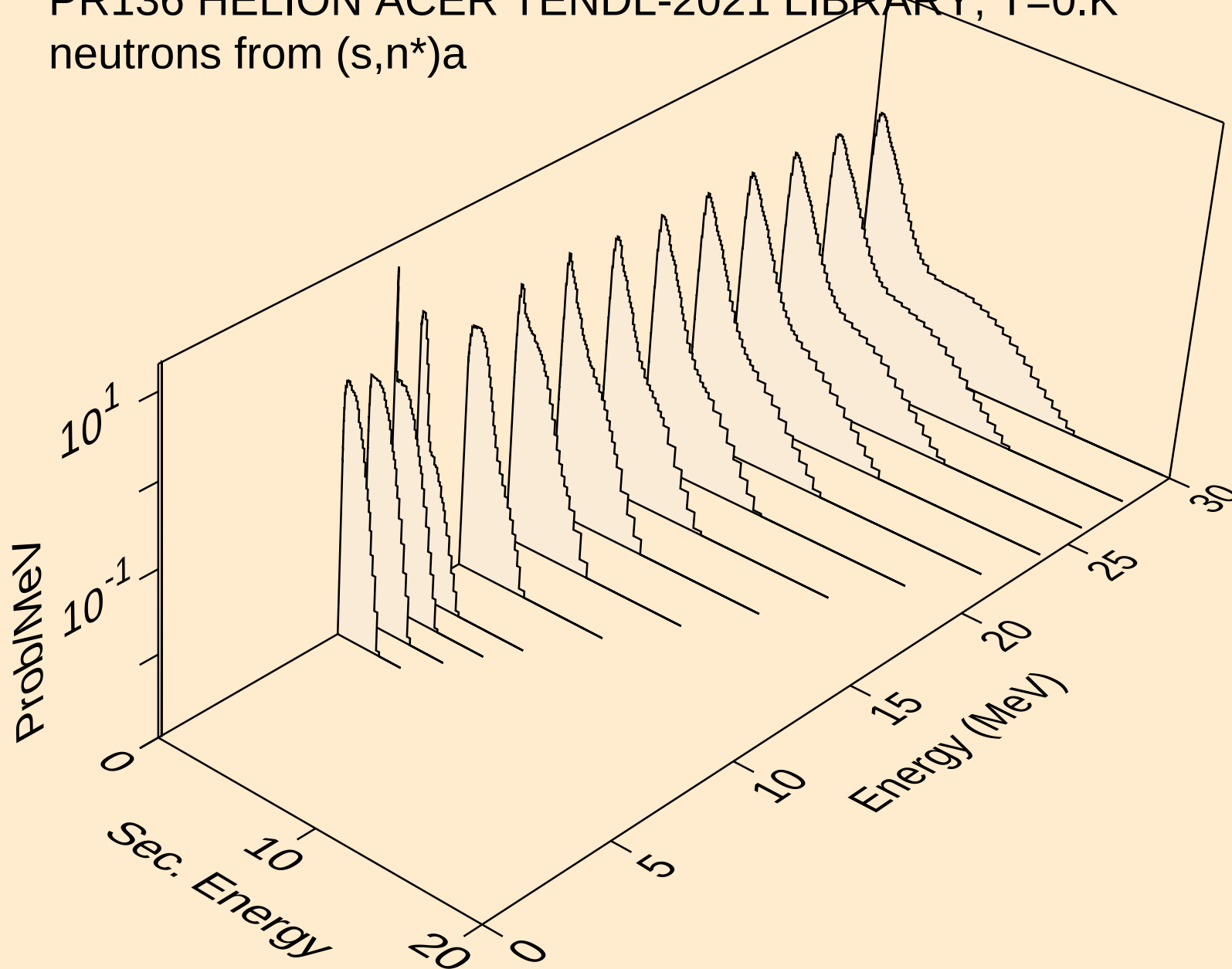
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neutrons from (s,2n)



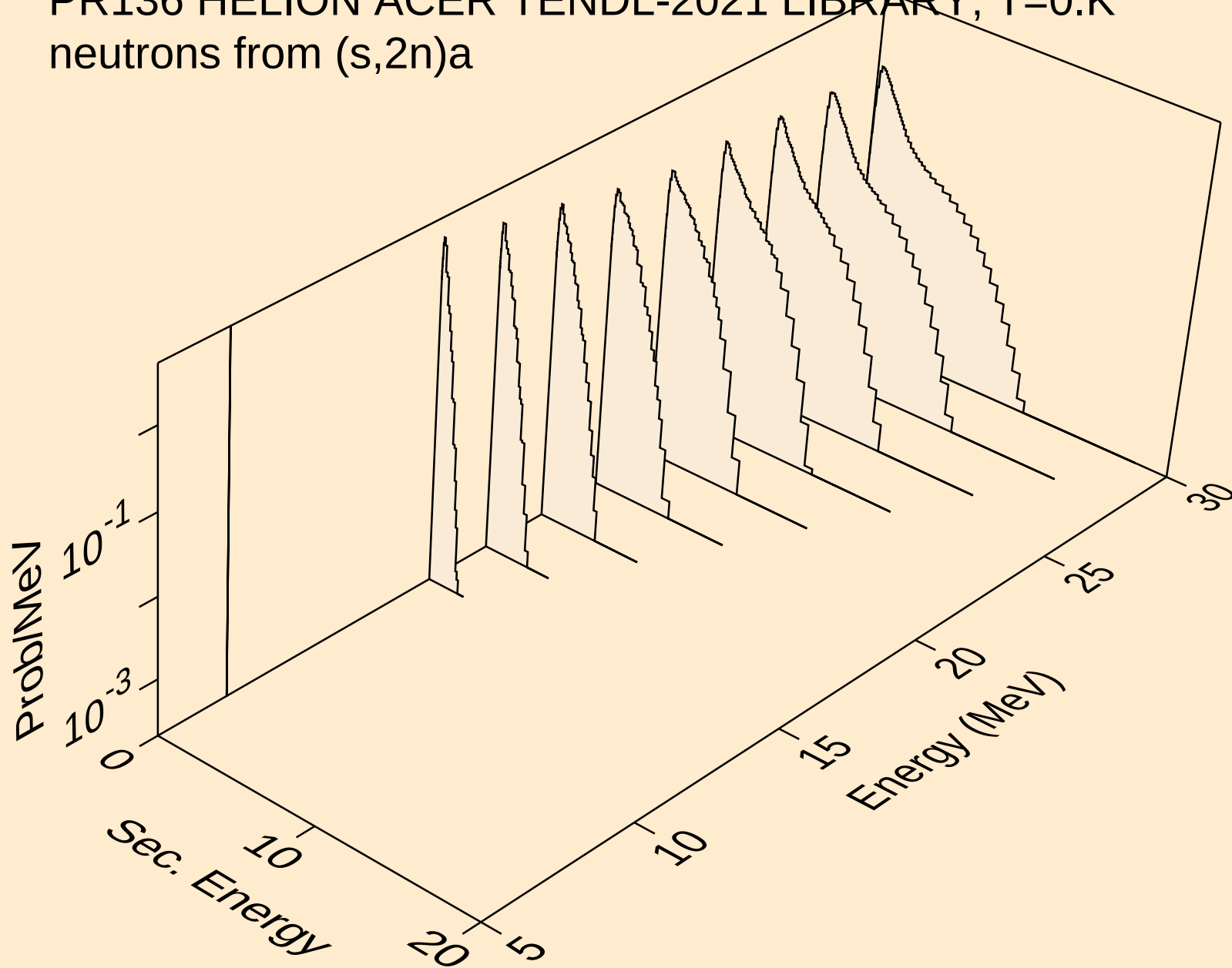
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neutrons from (s,3n)



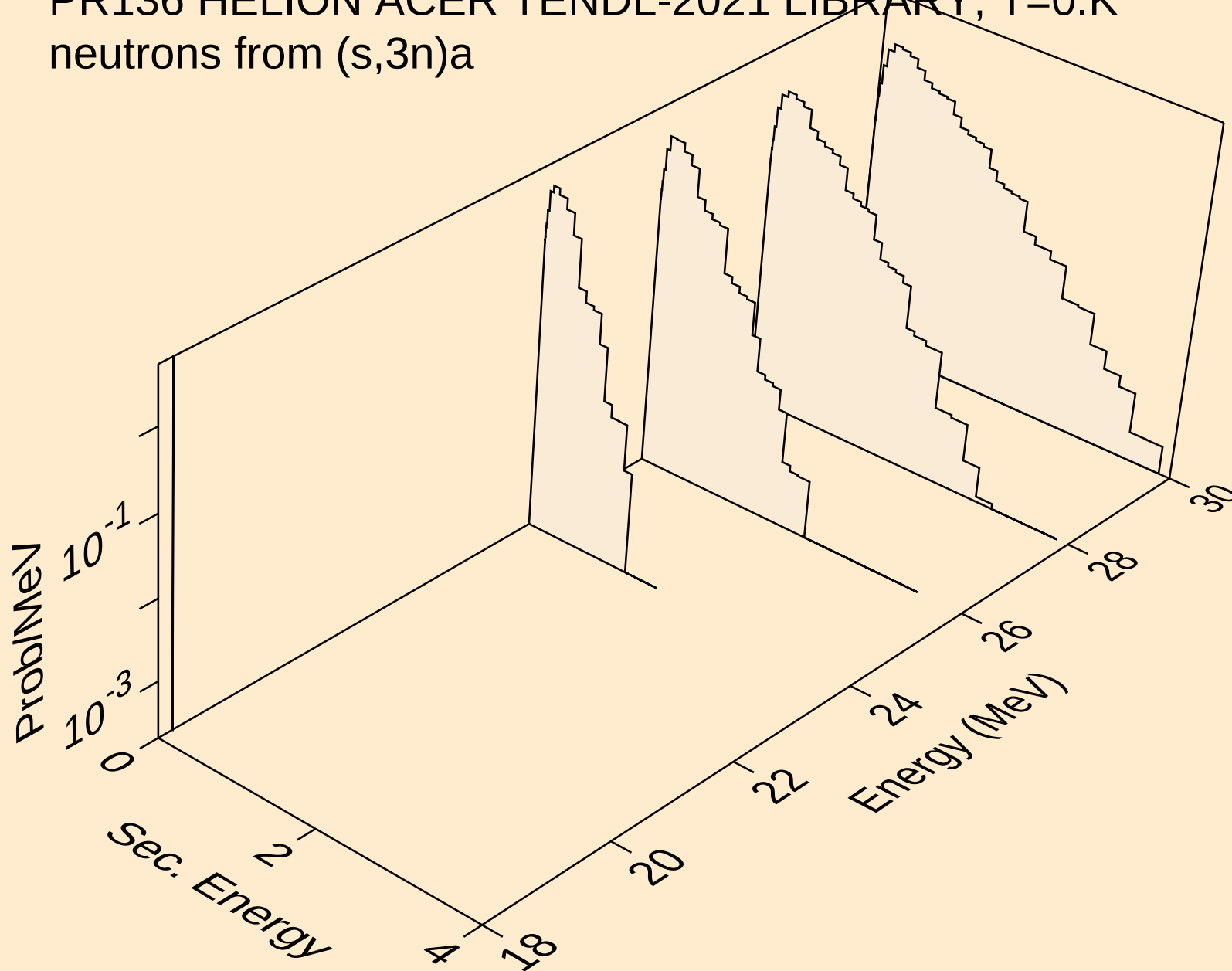
PR136 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)a



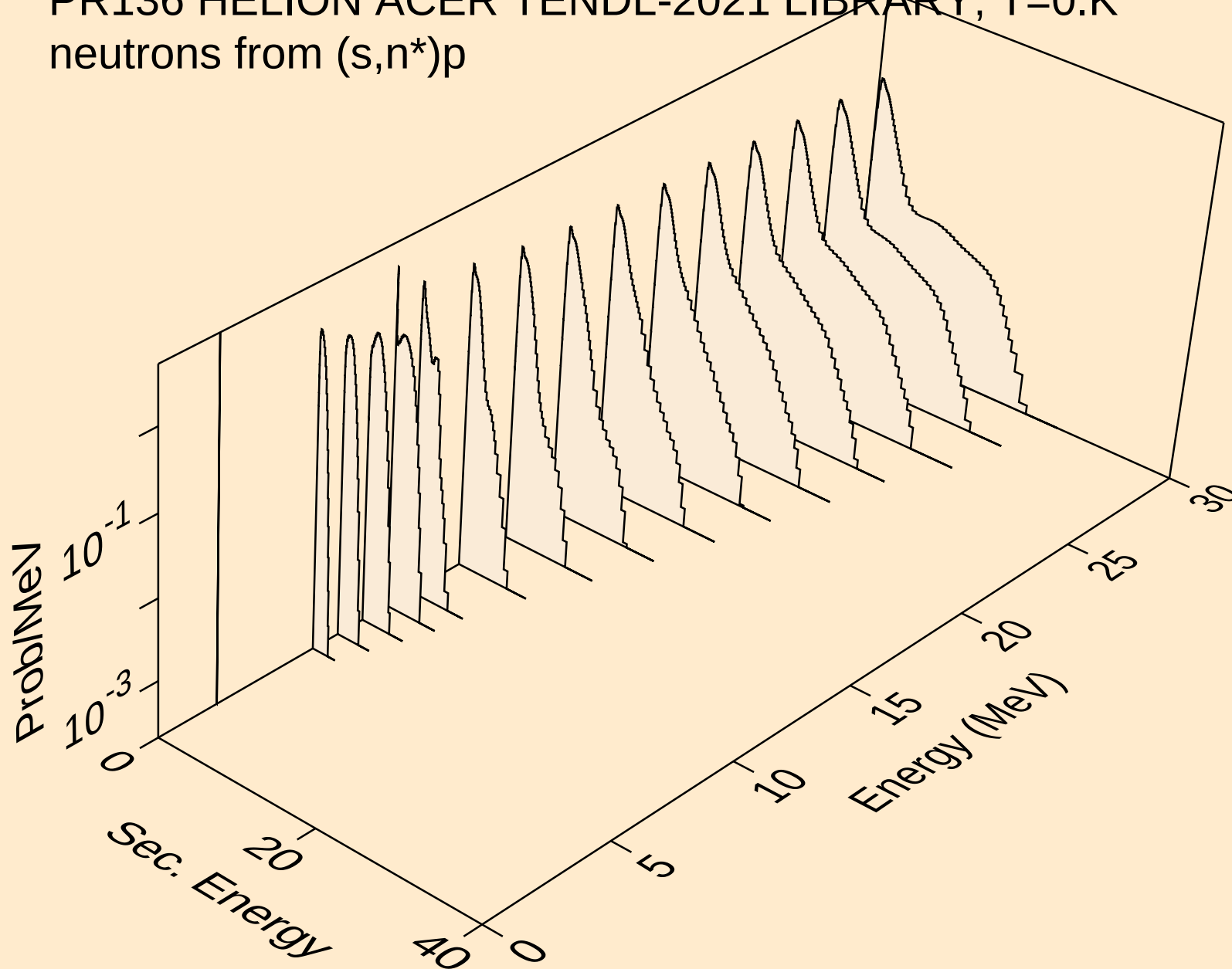
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neutrons from (s,2n)a



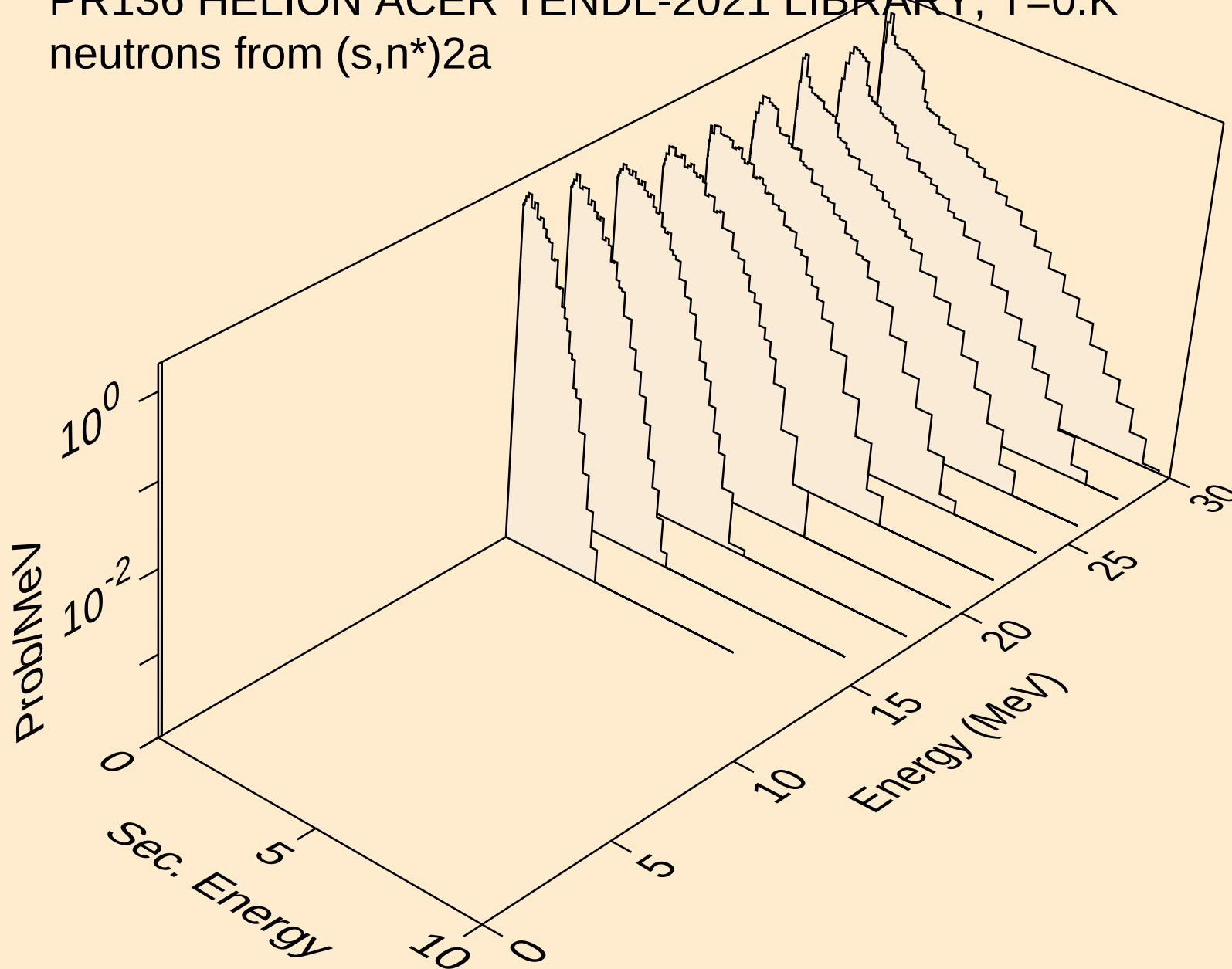
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neutrons from (s,3n)a



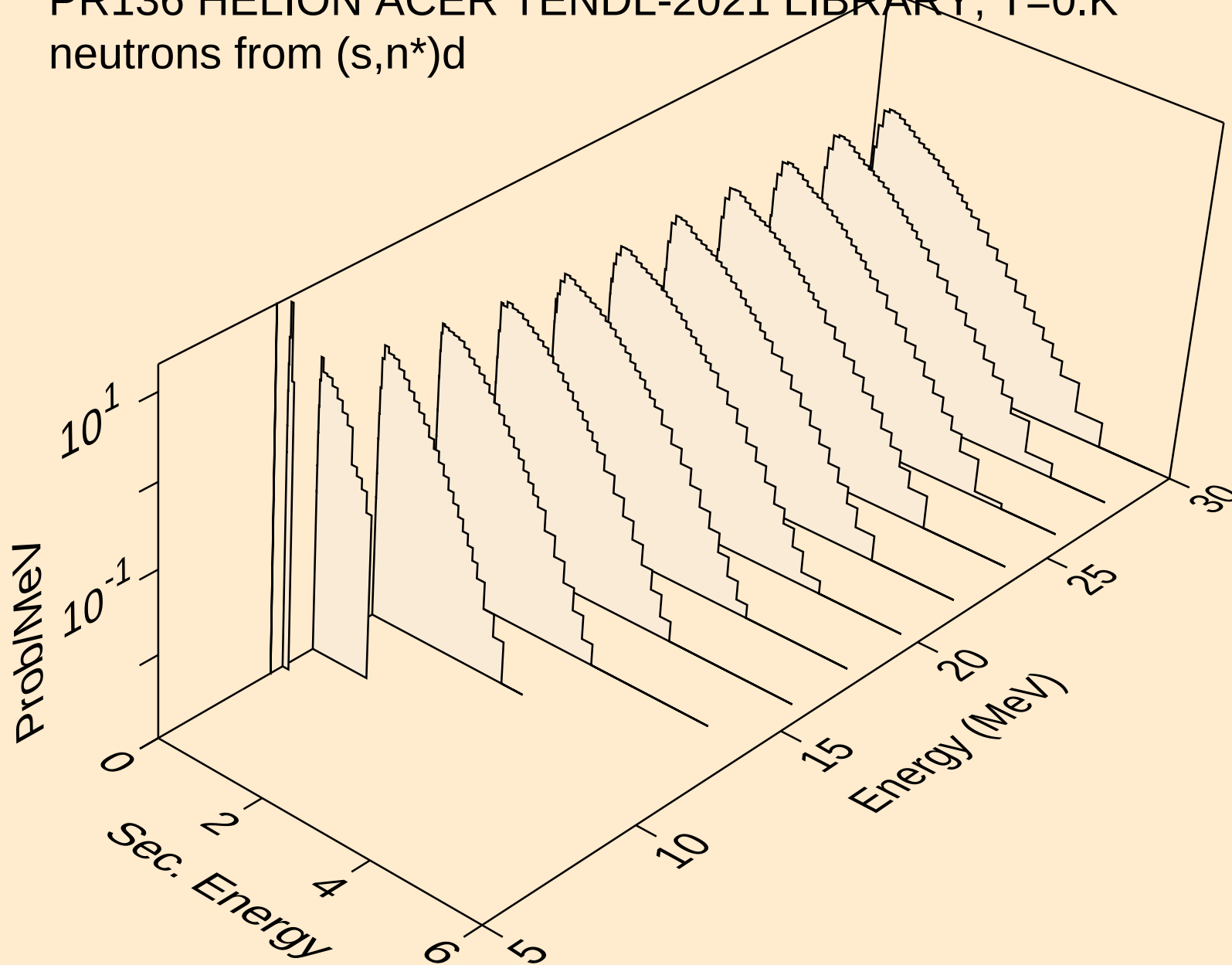
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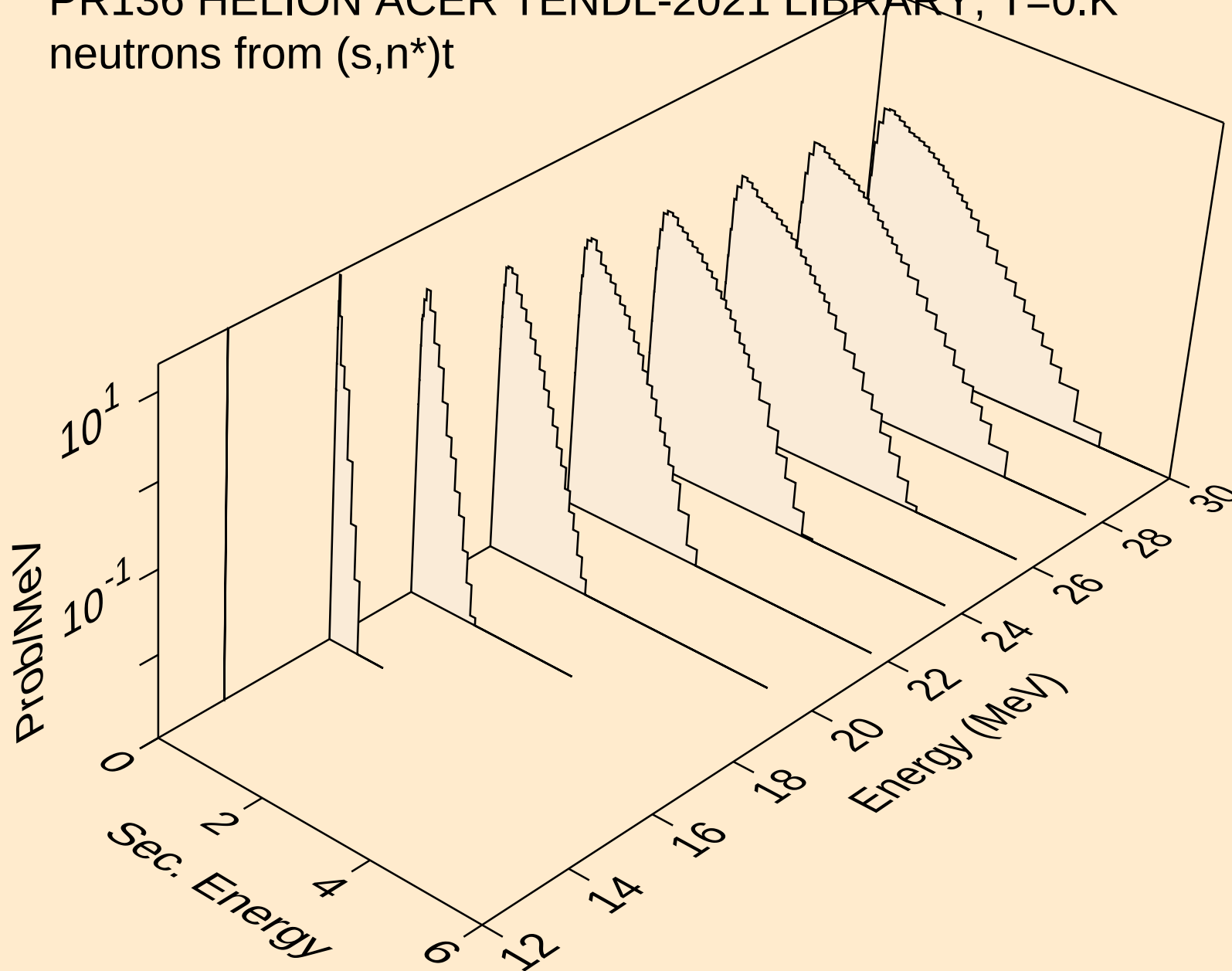
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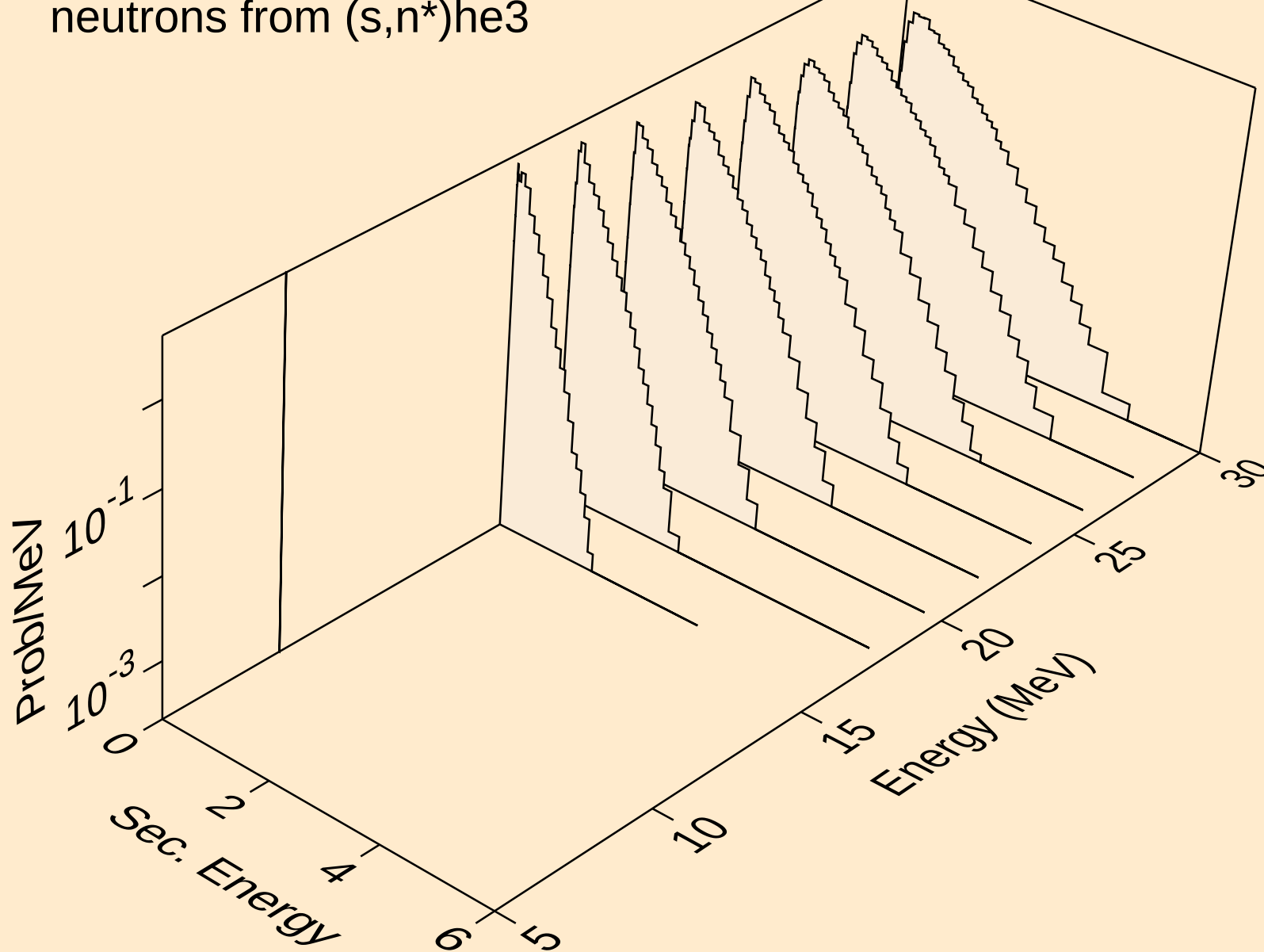
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neutrons from (s,n\*)d



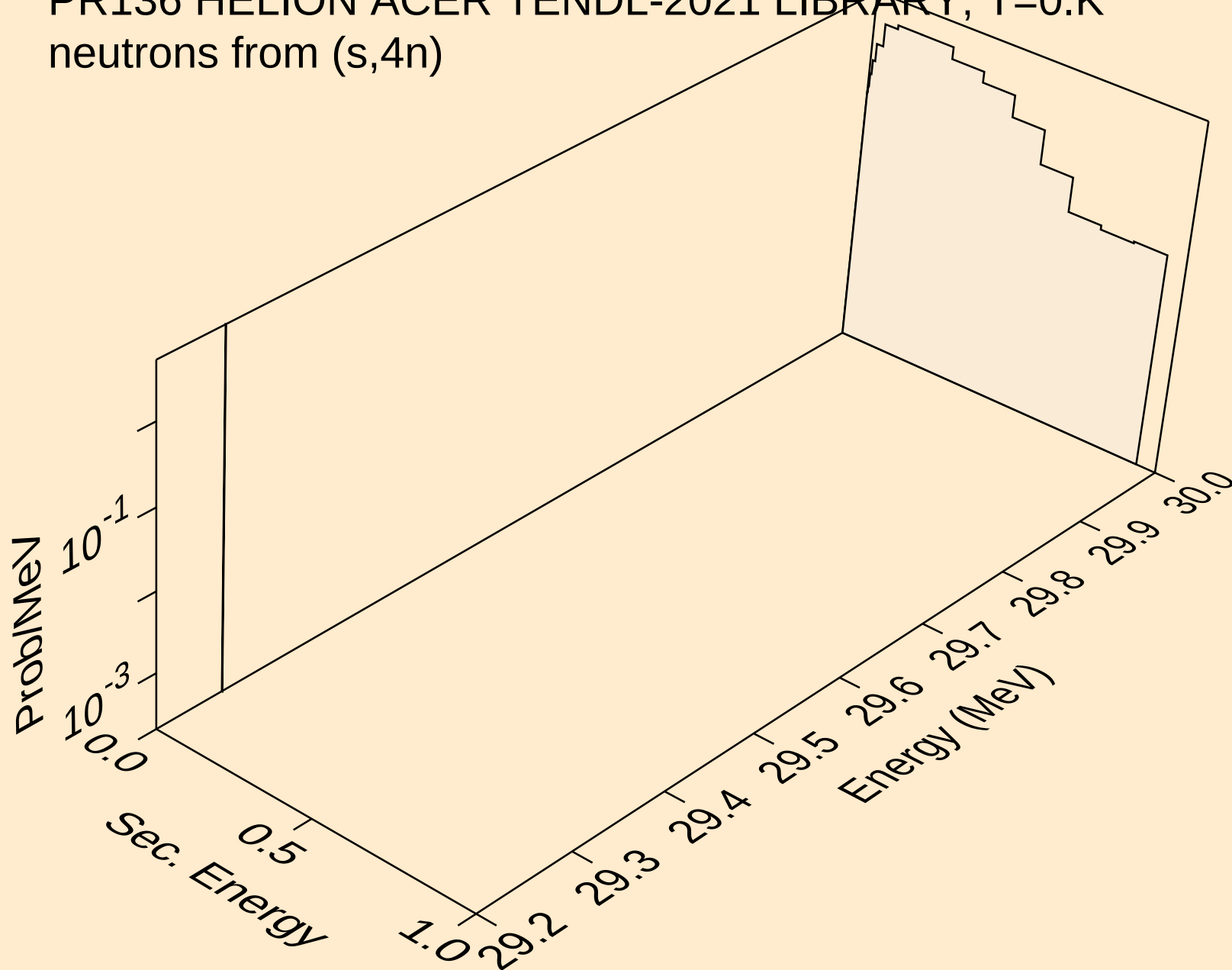
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neutrons from (s,n\*)t



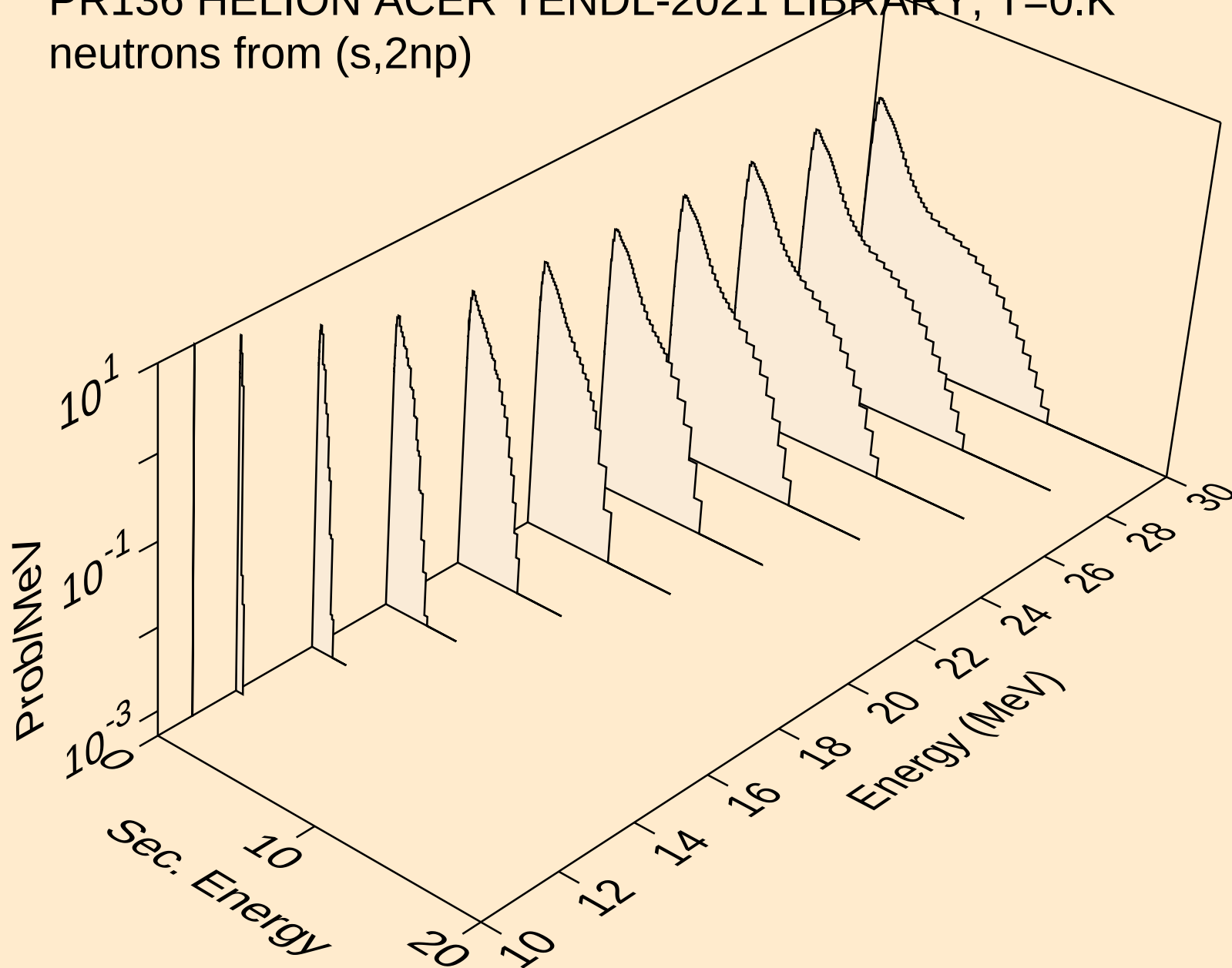
PR136 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



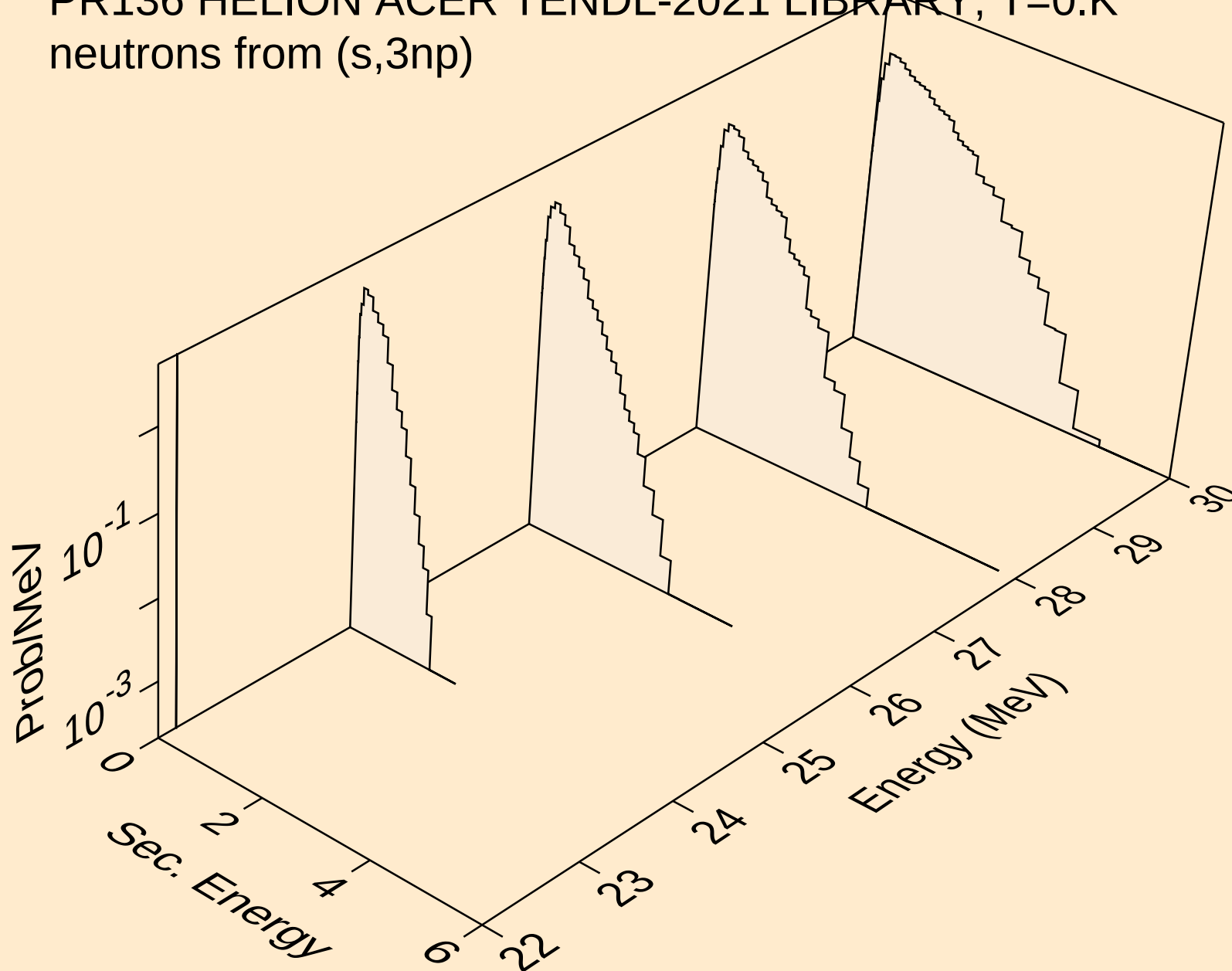
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neutrons from (s,4n)



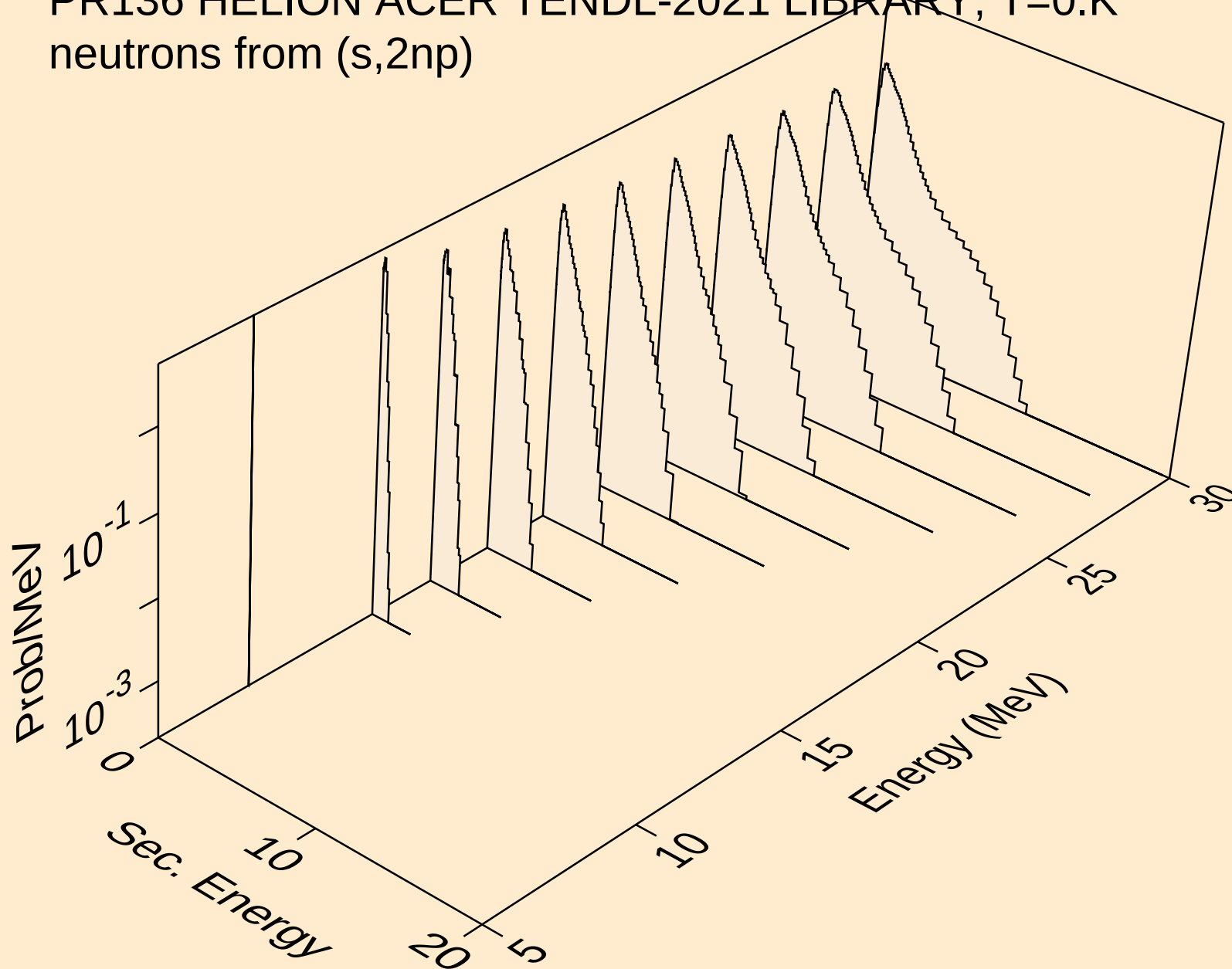
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neutrons from (s,2np)



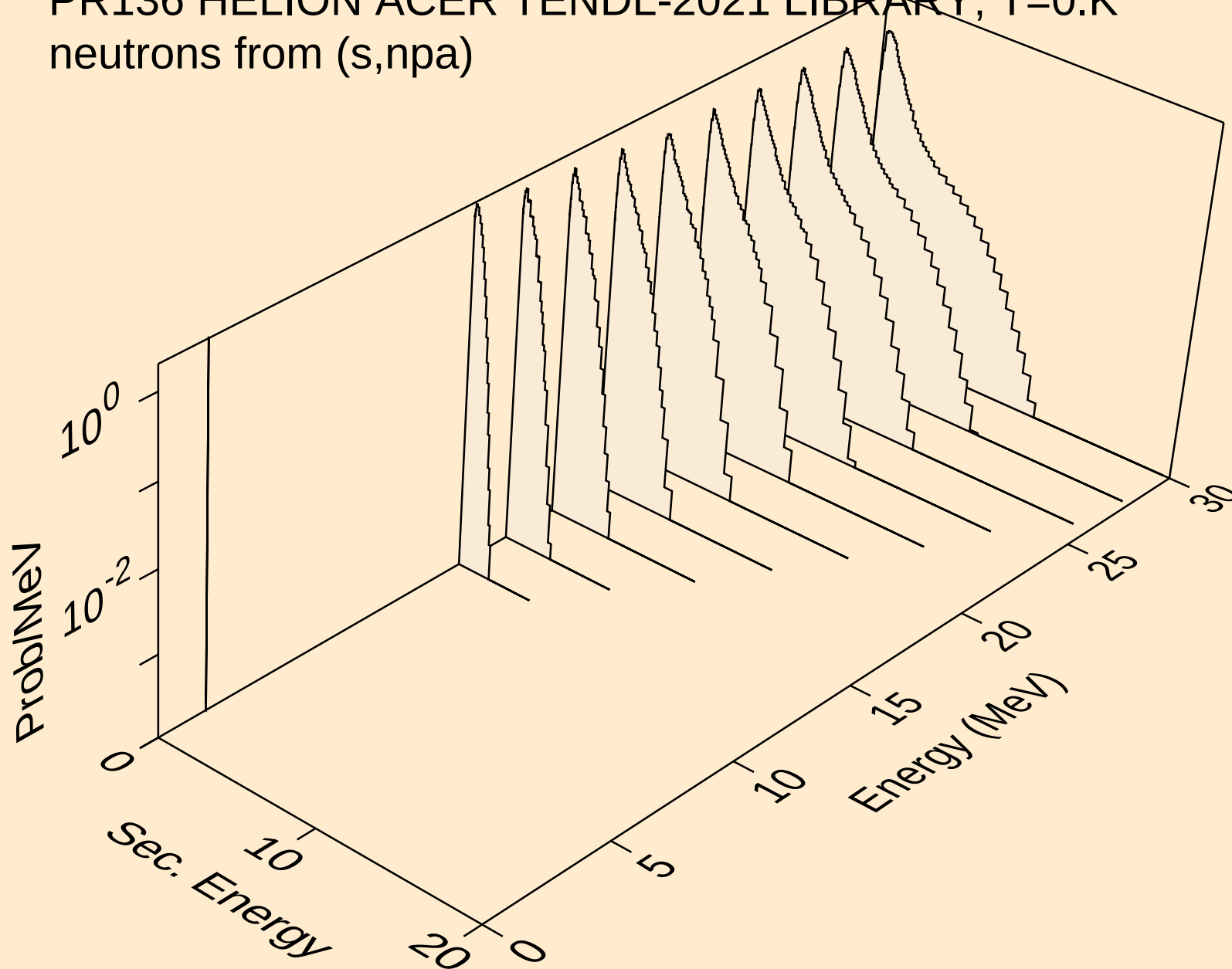
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neutrons from (s,3np)



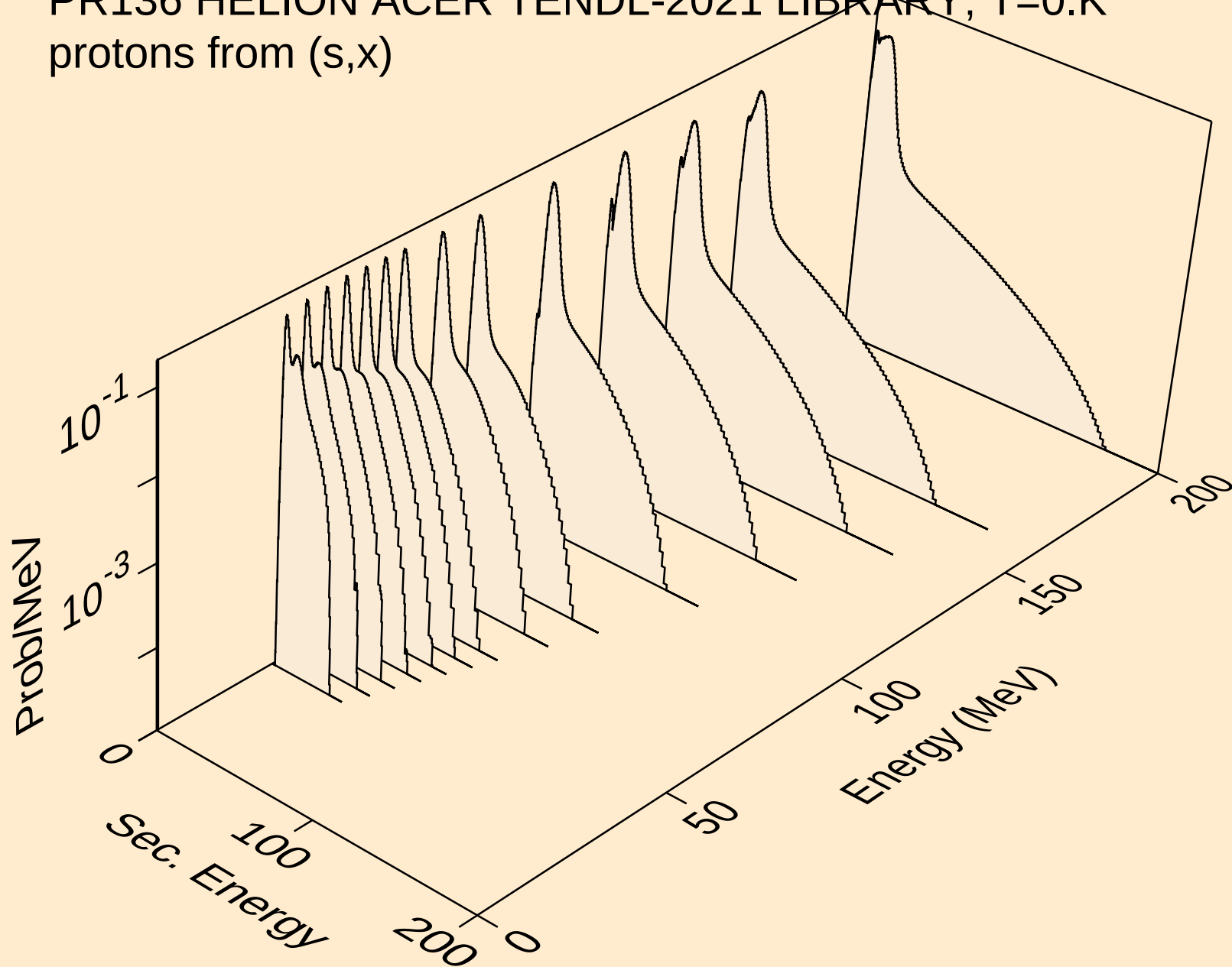
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neutrons from (s,2np)



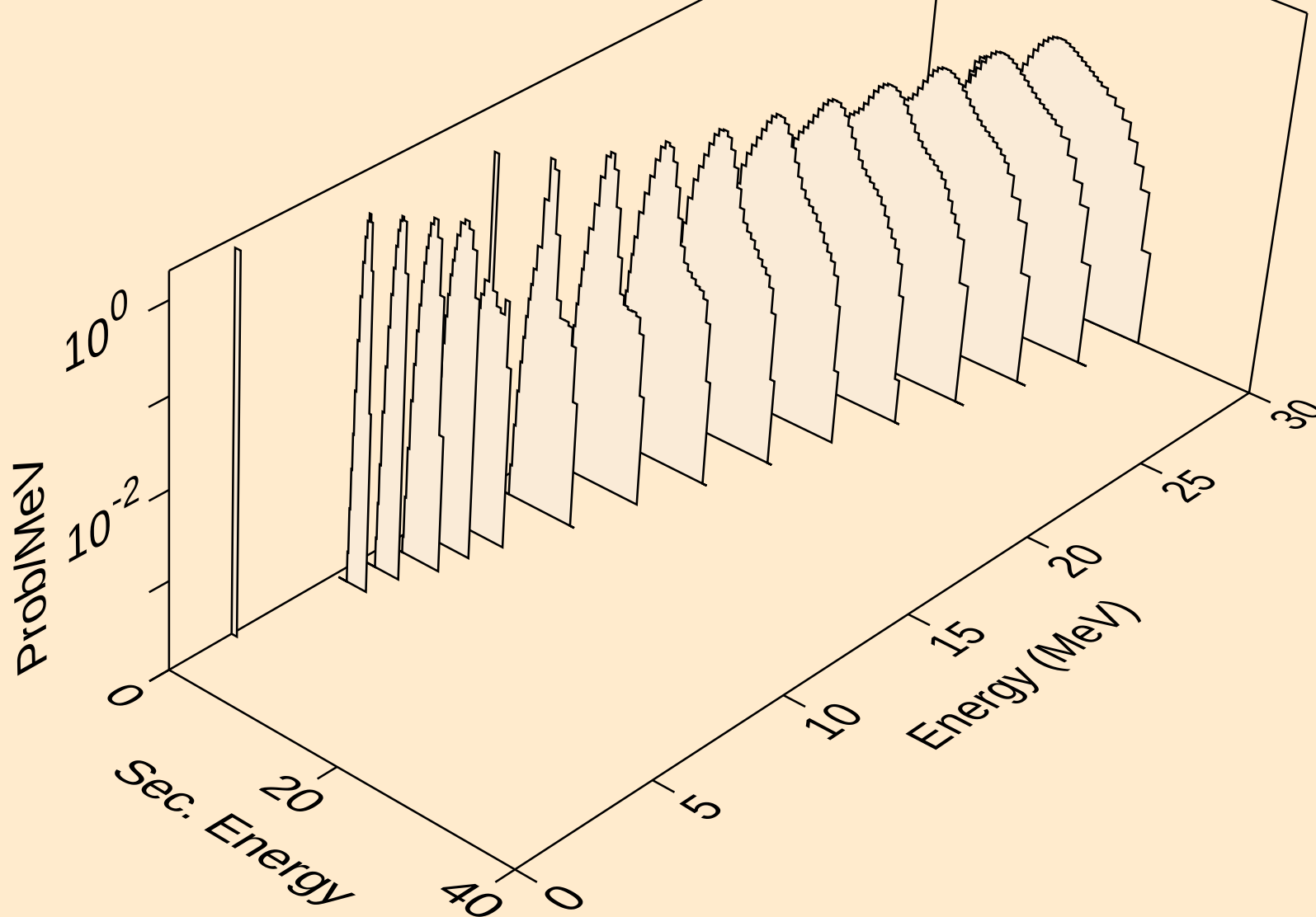
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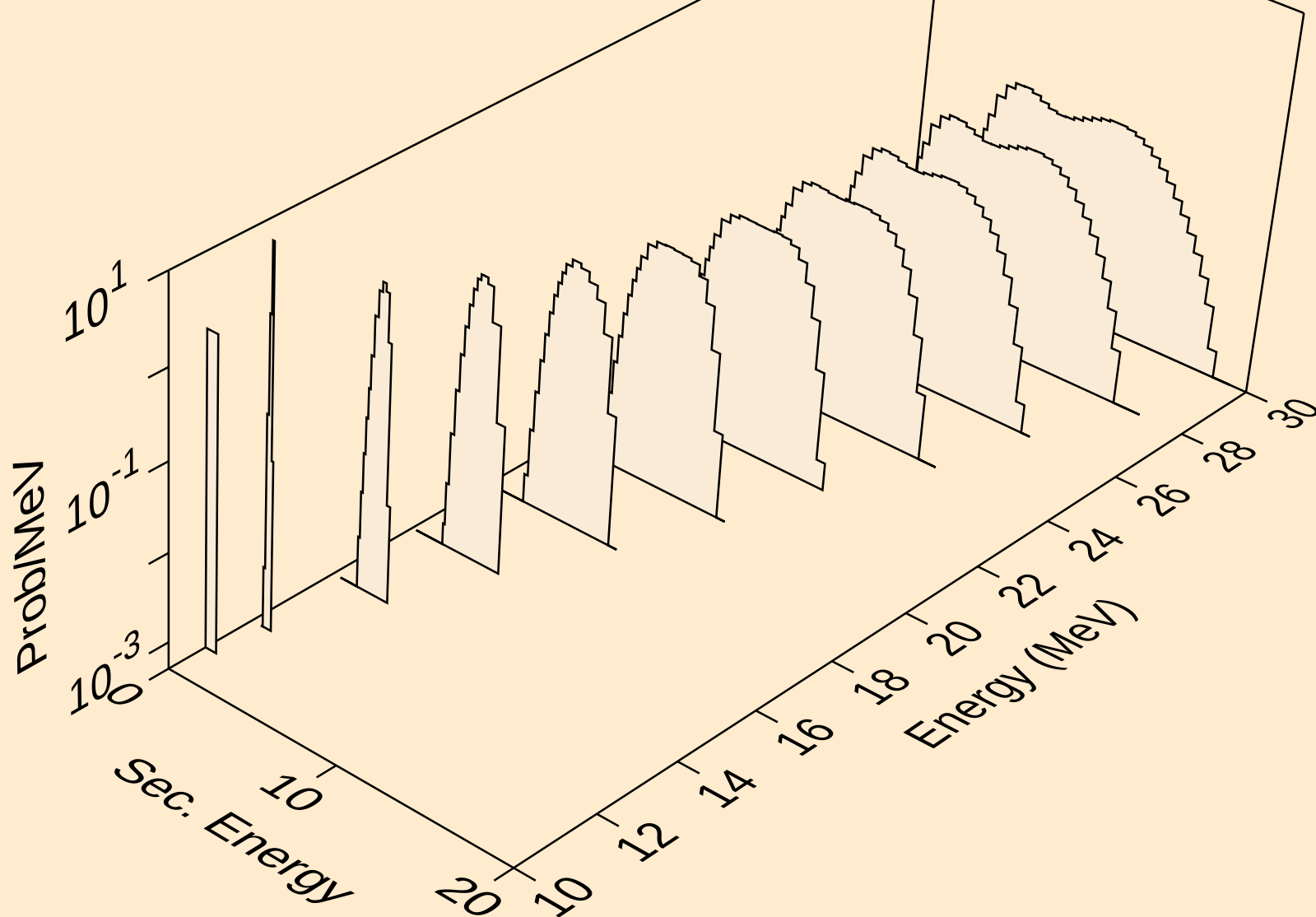
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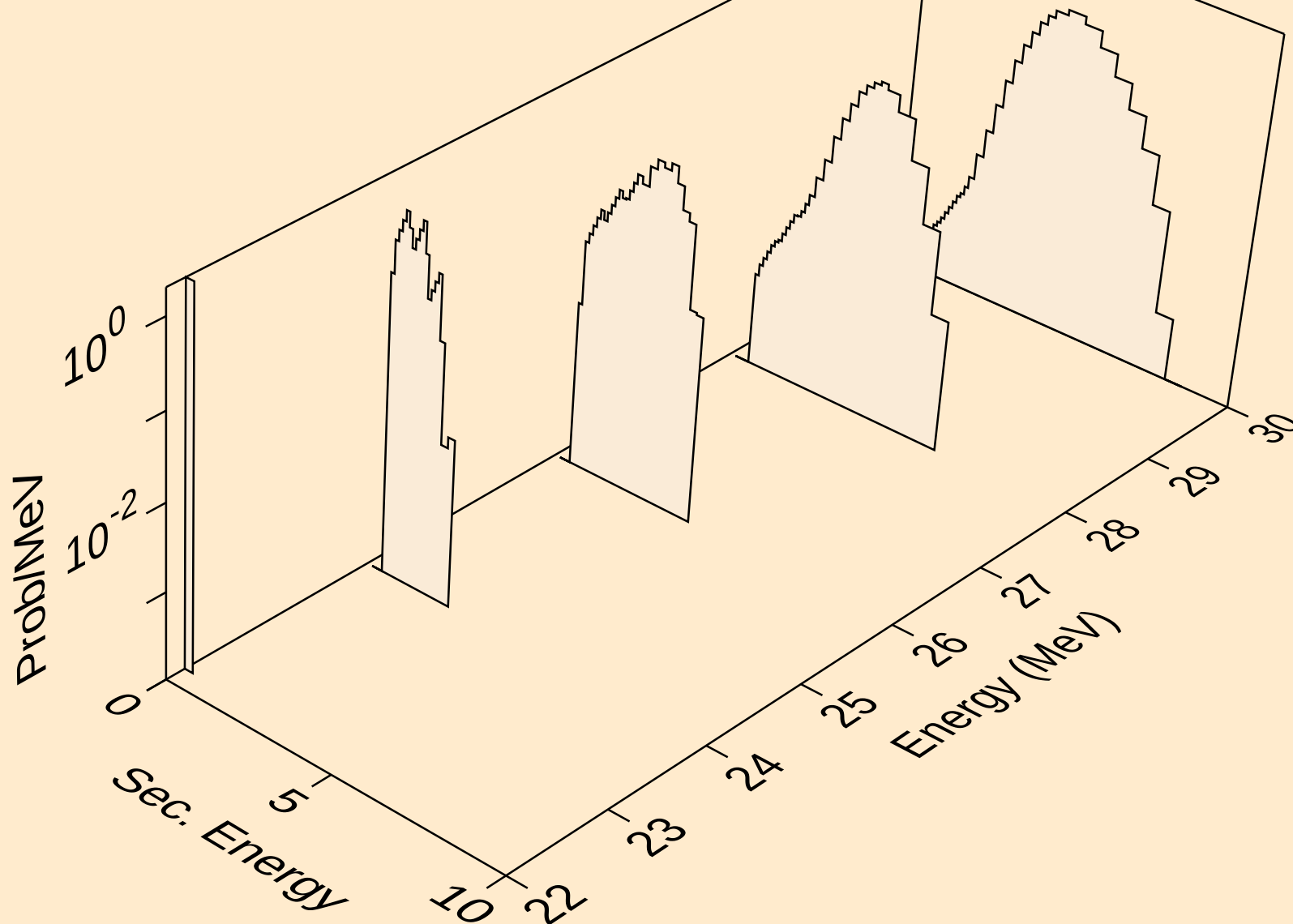
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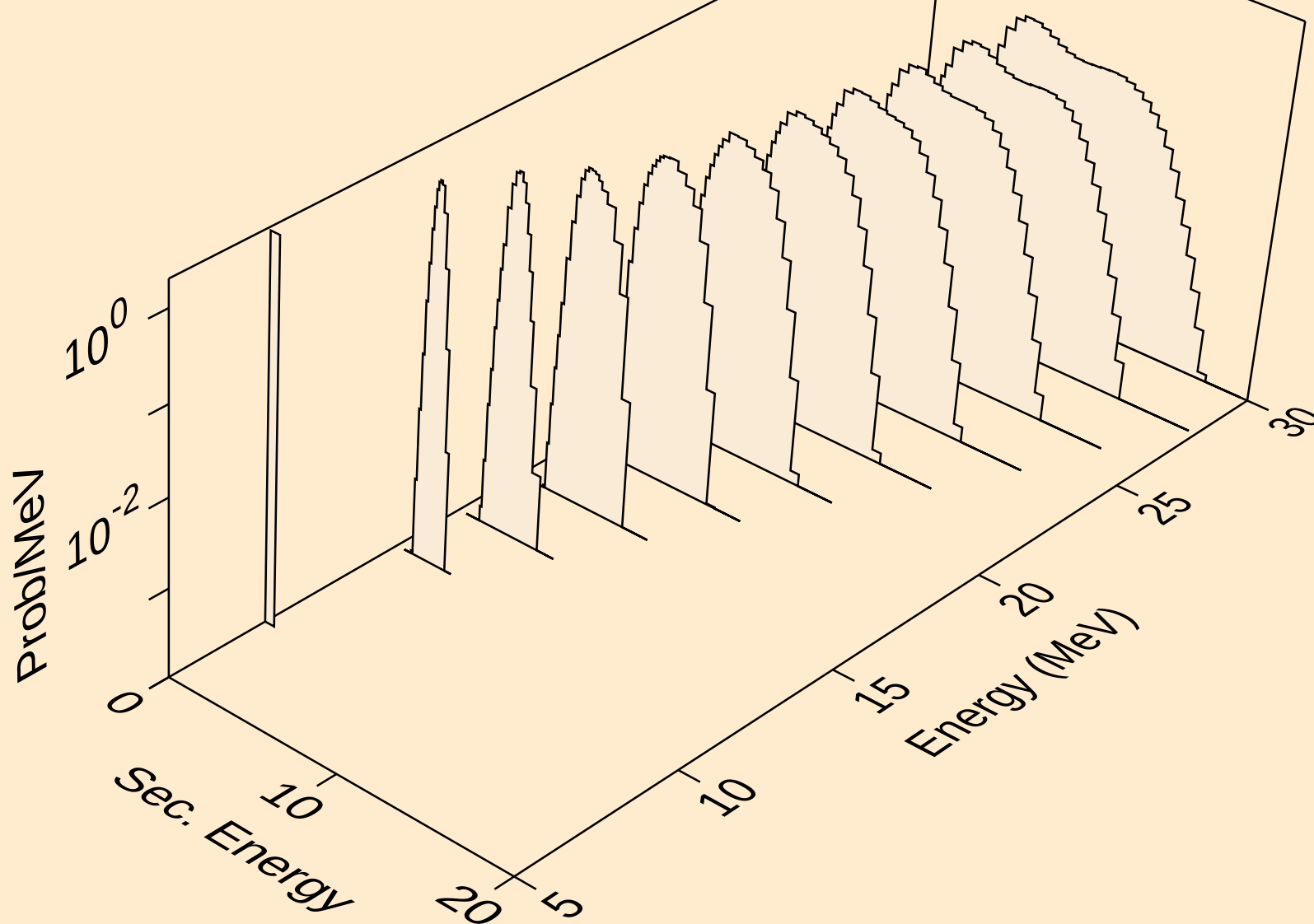
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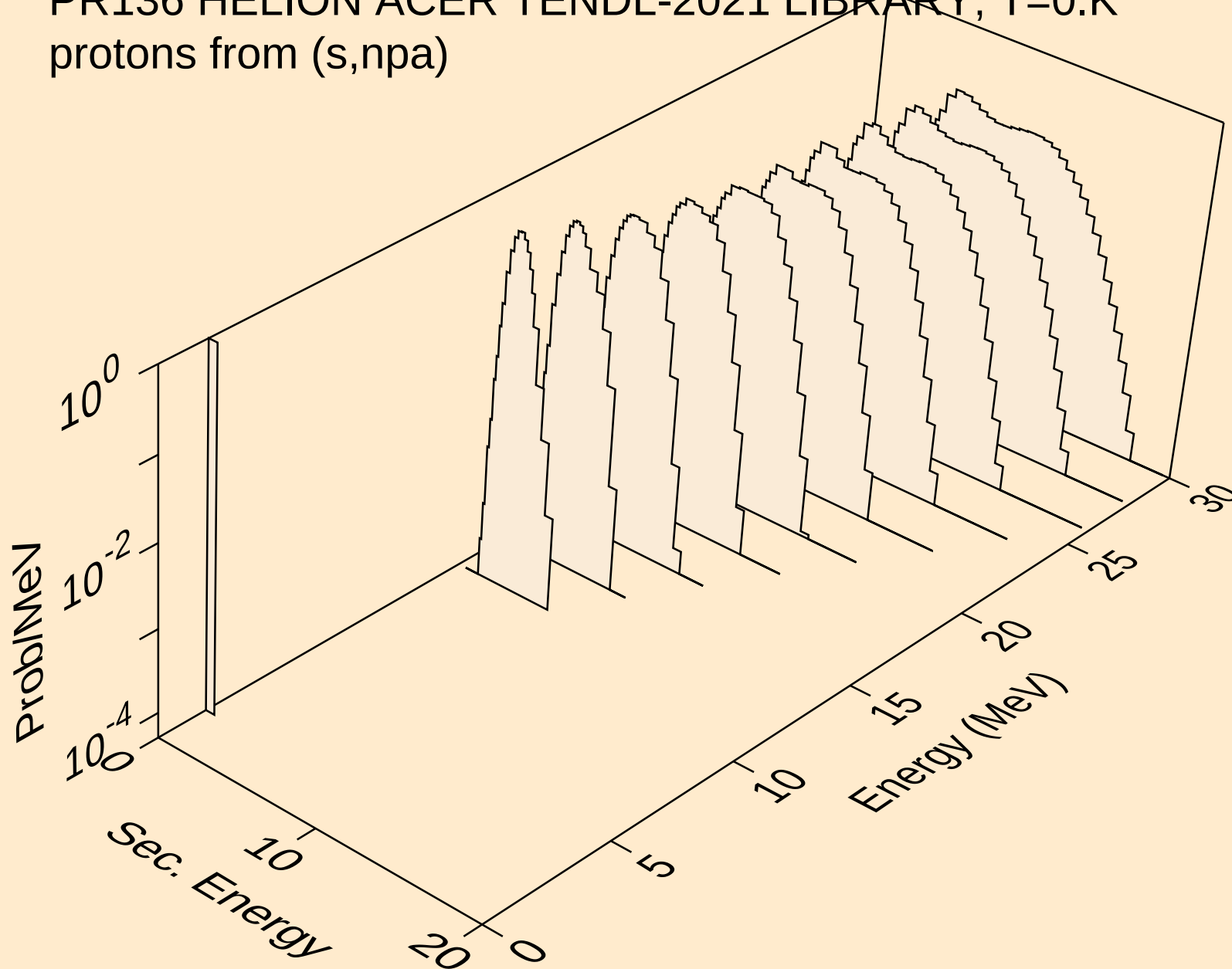
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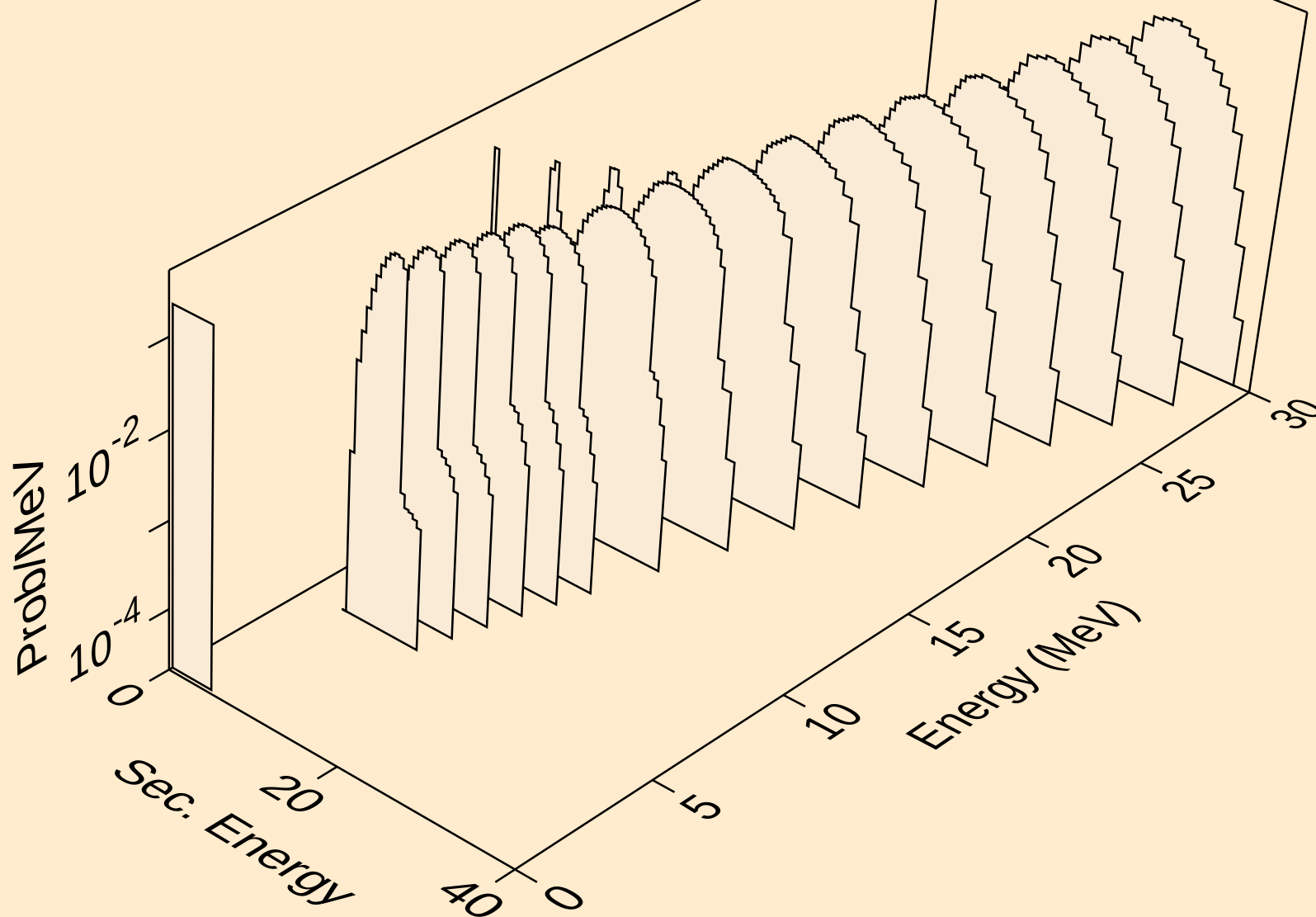
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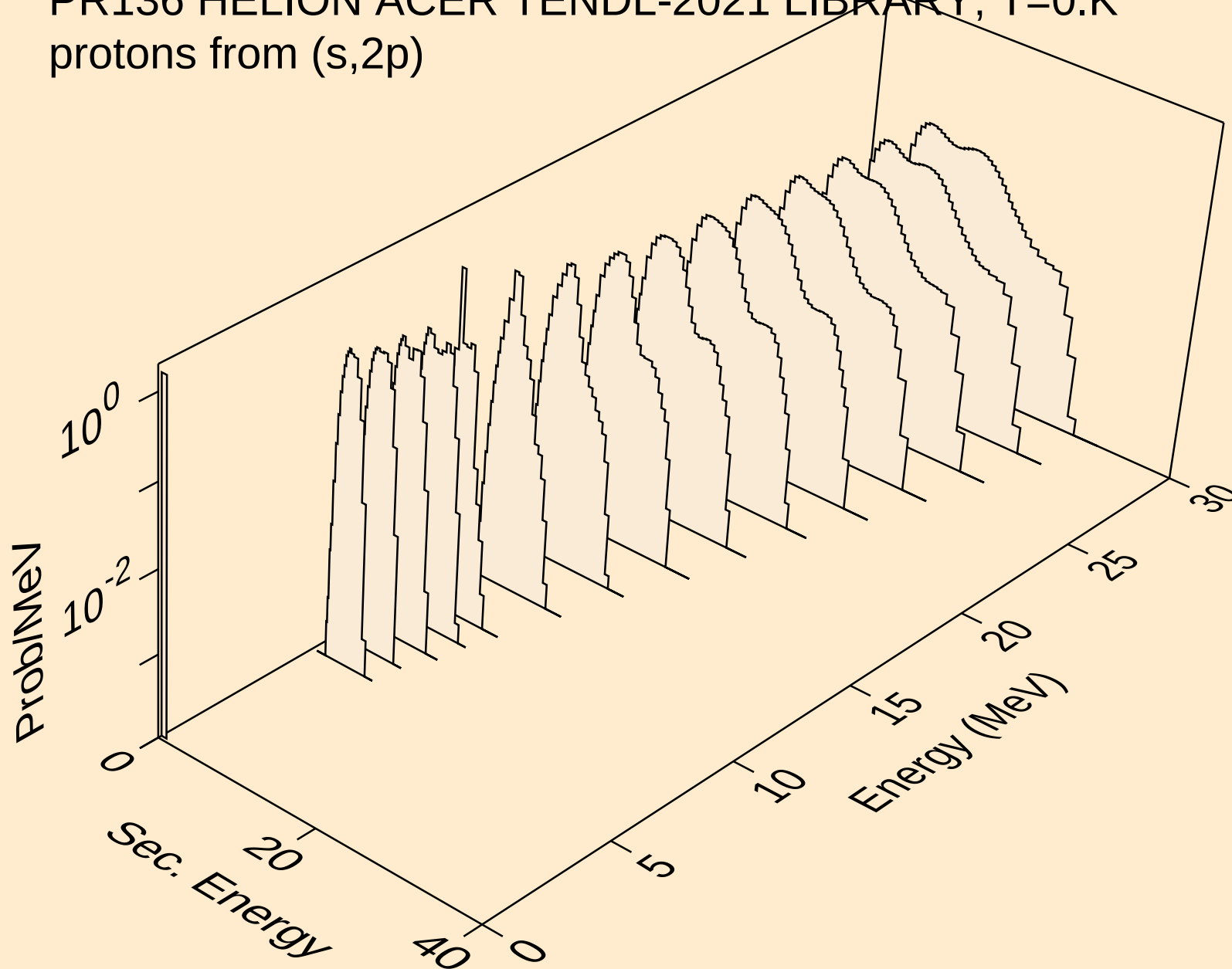
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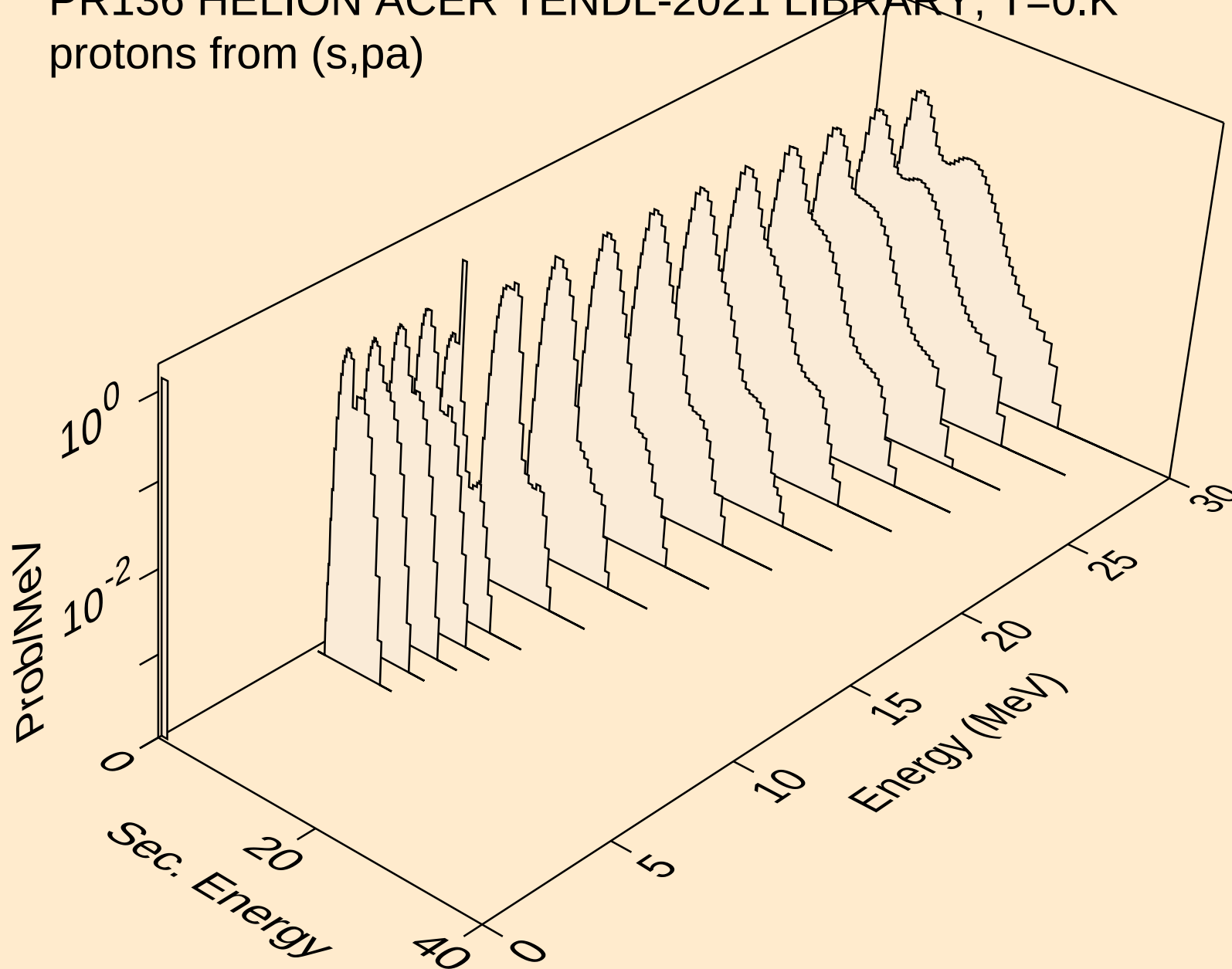
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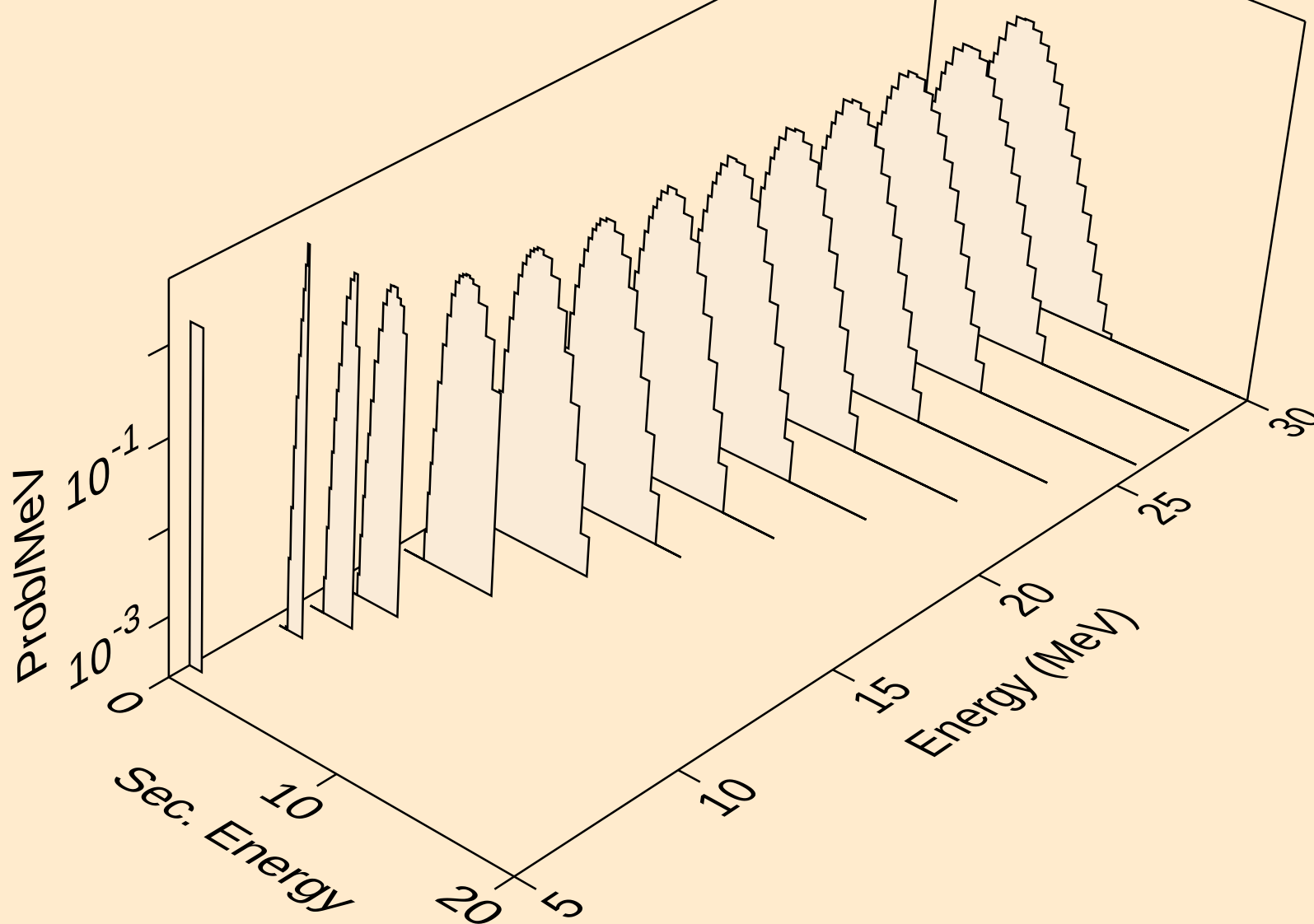
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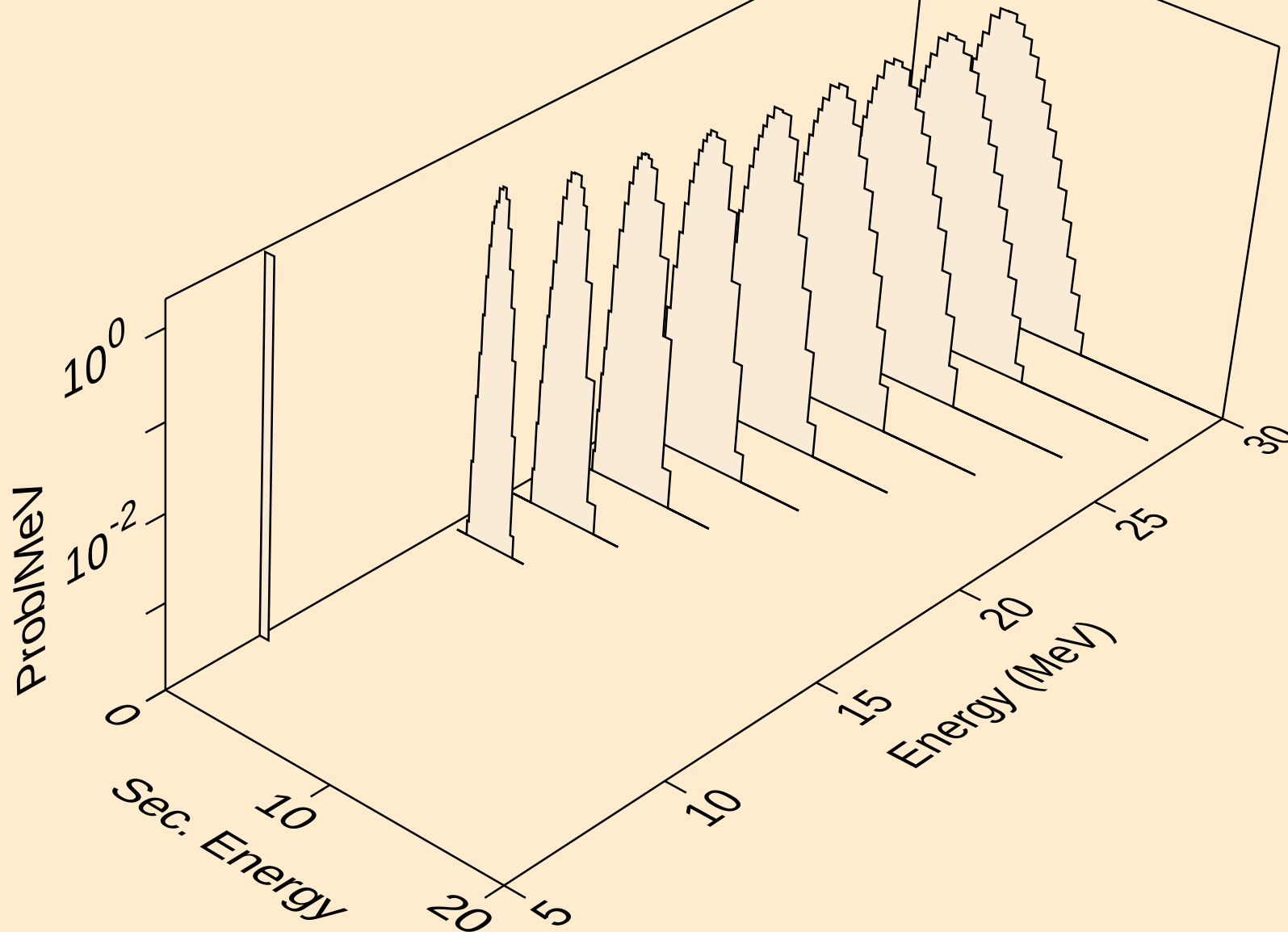
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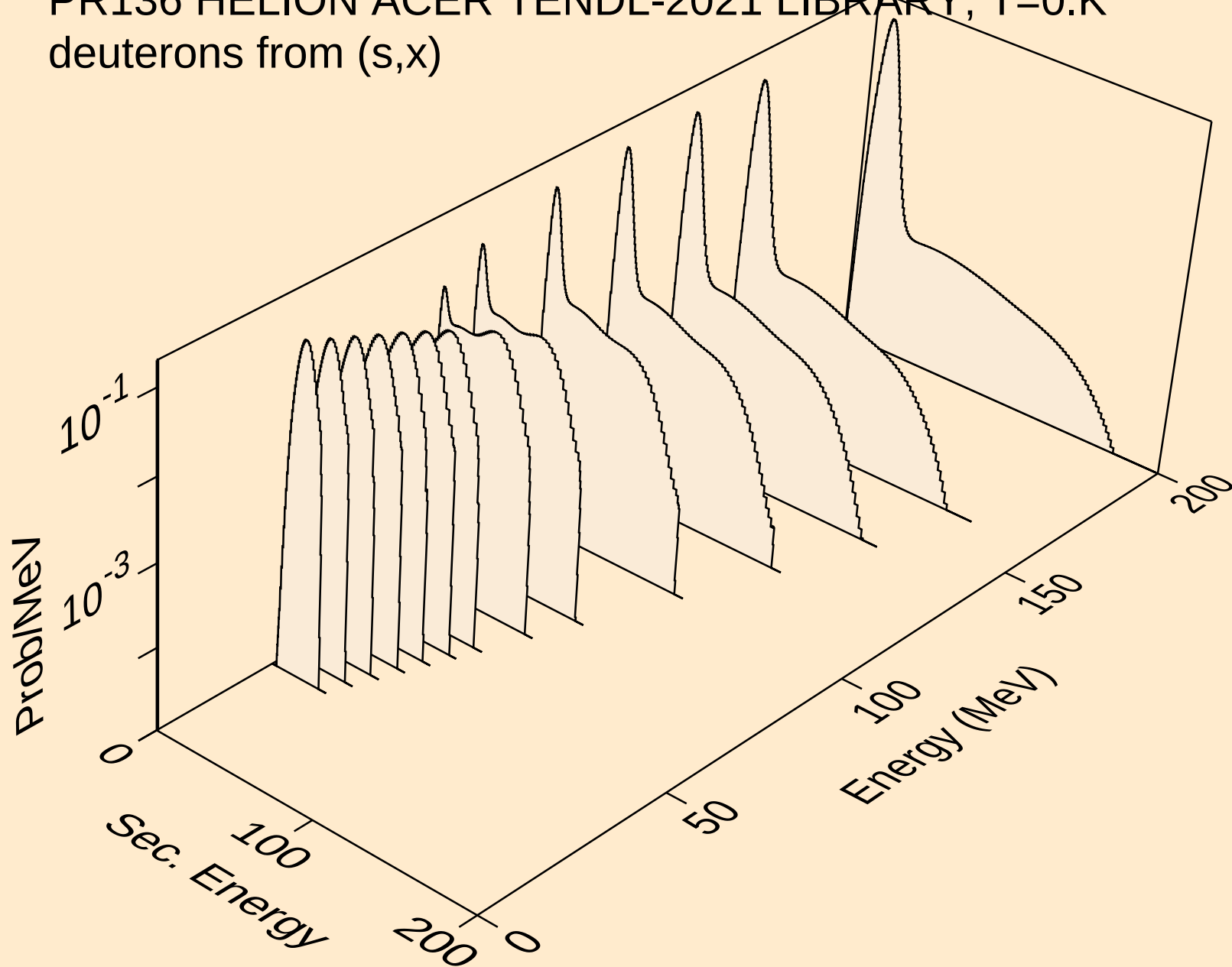
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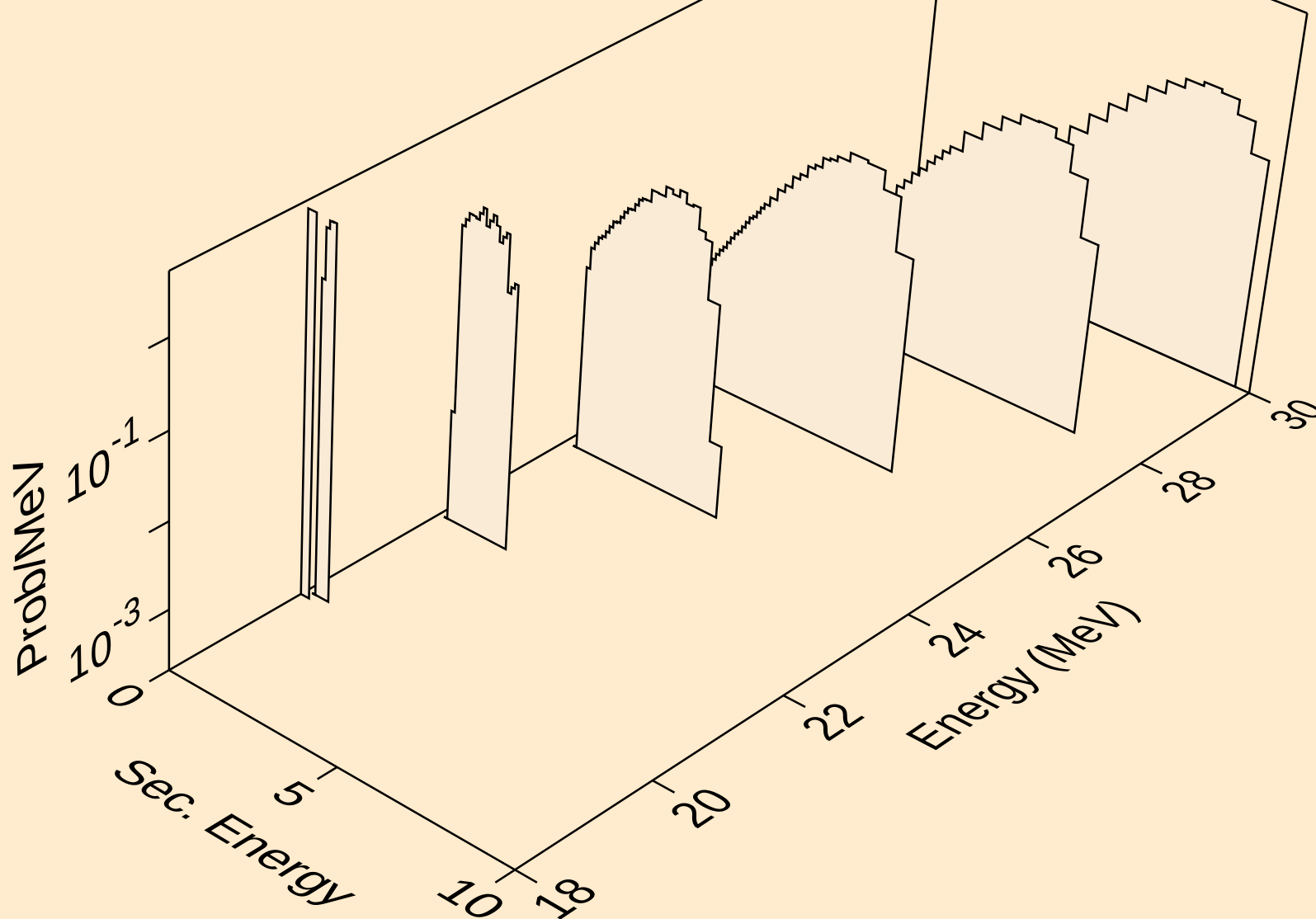
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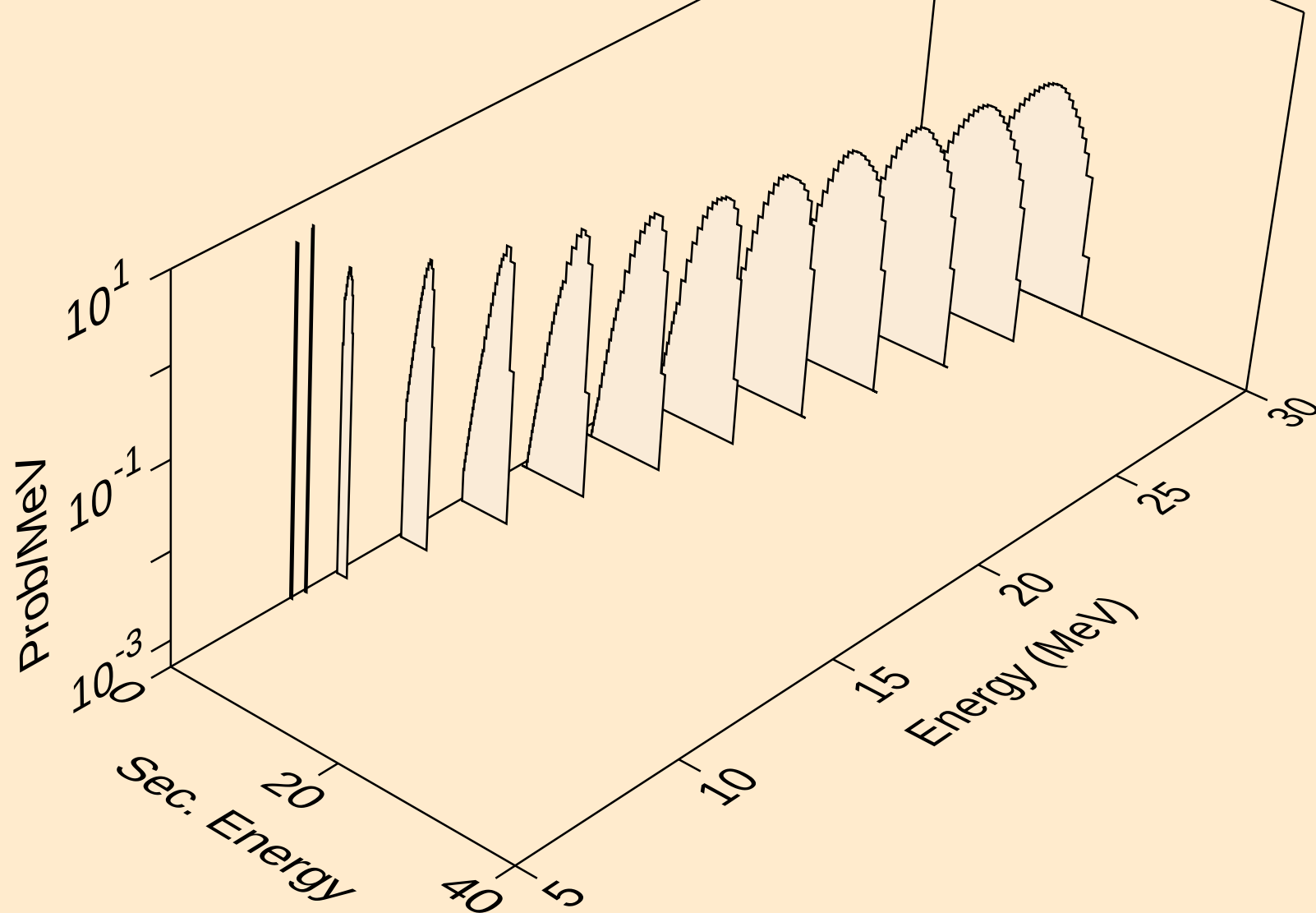
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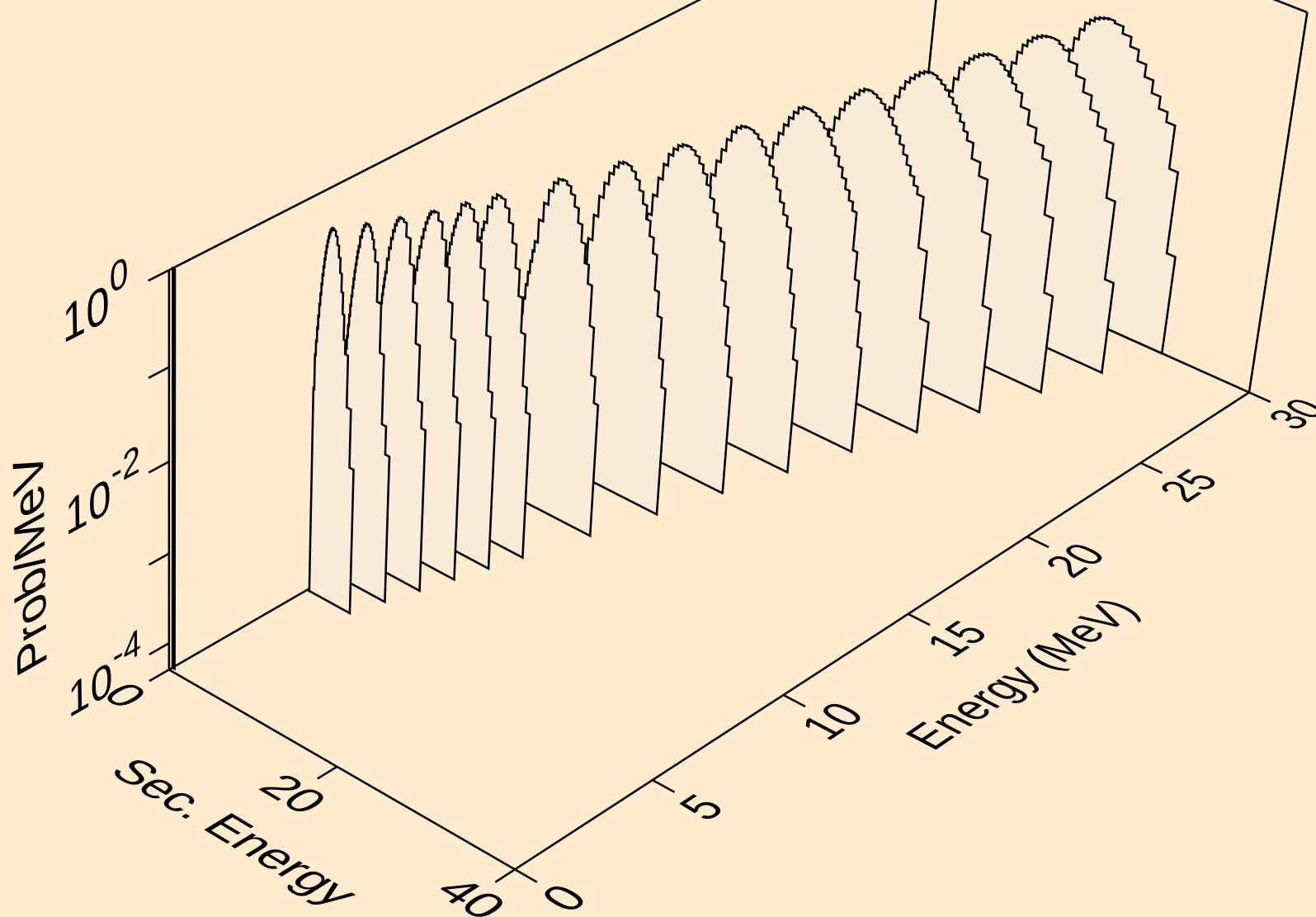
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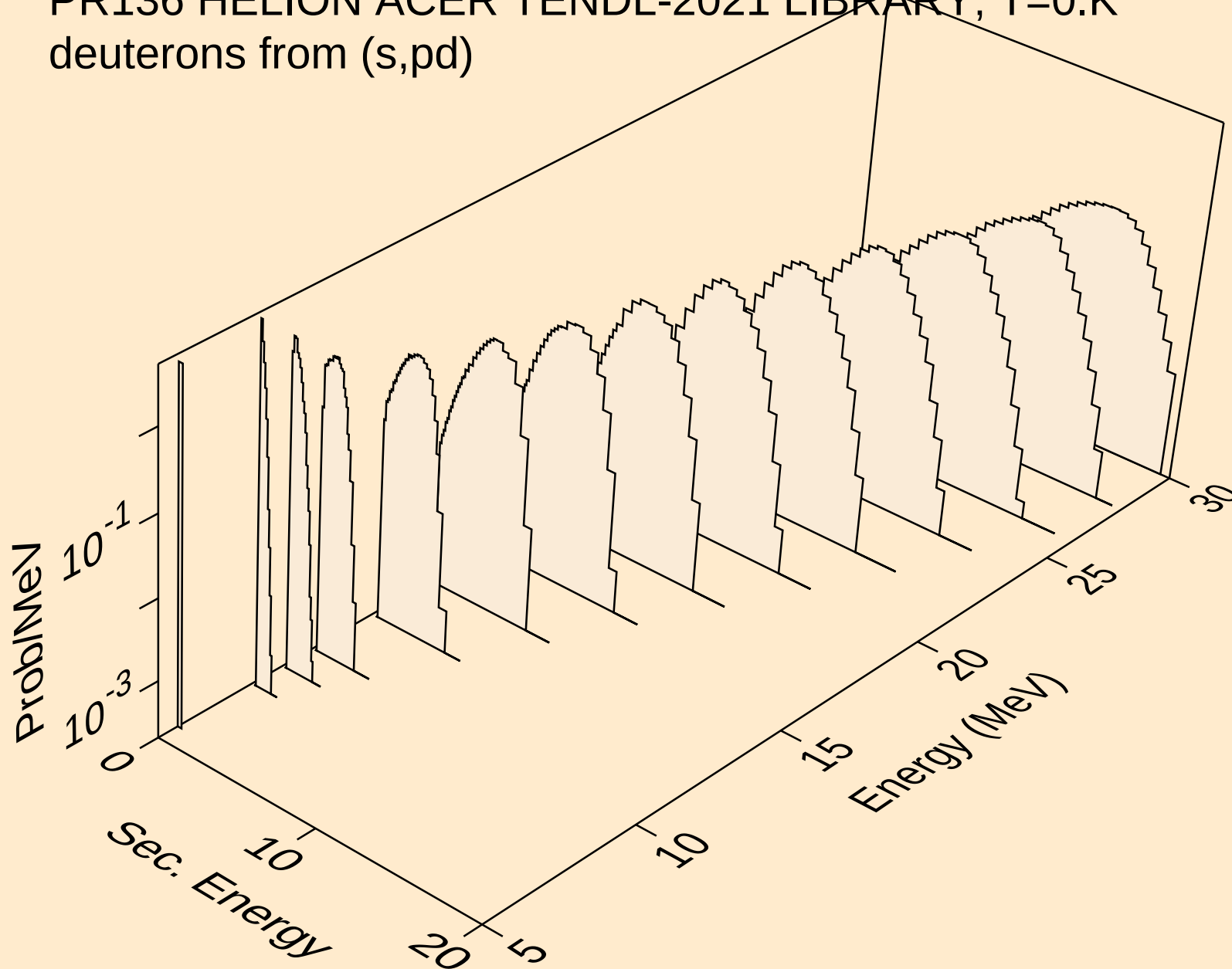
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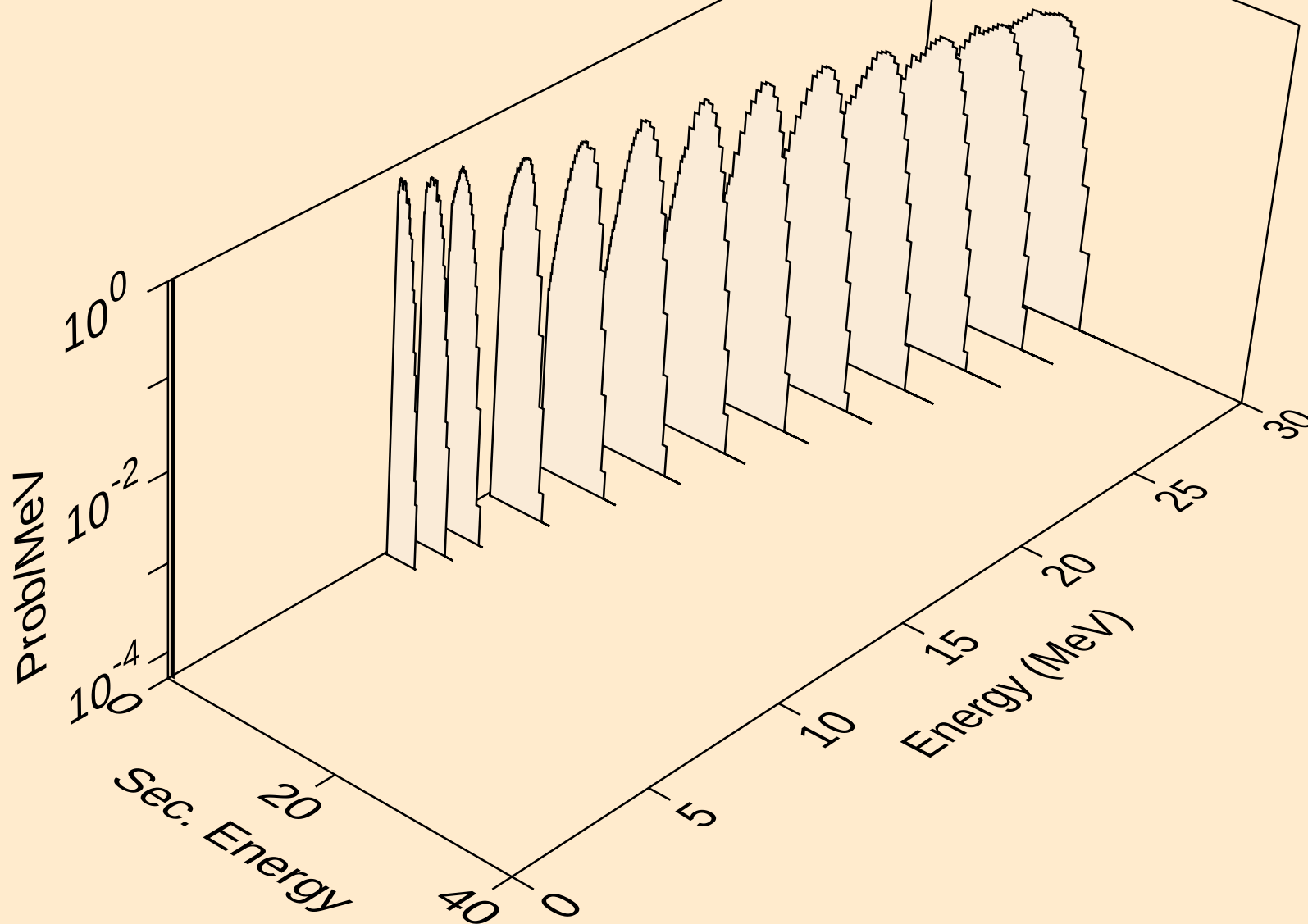
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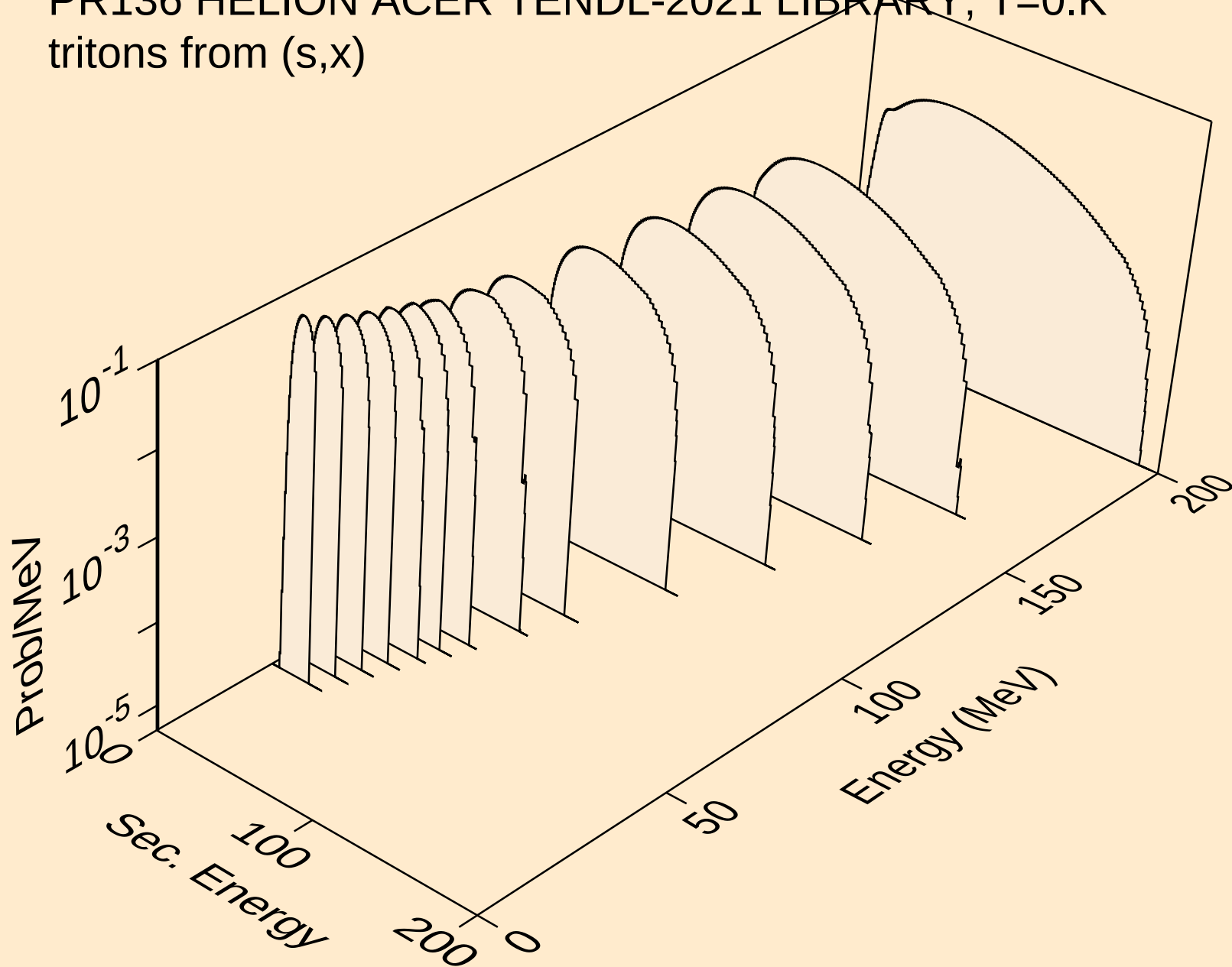
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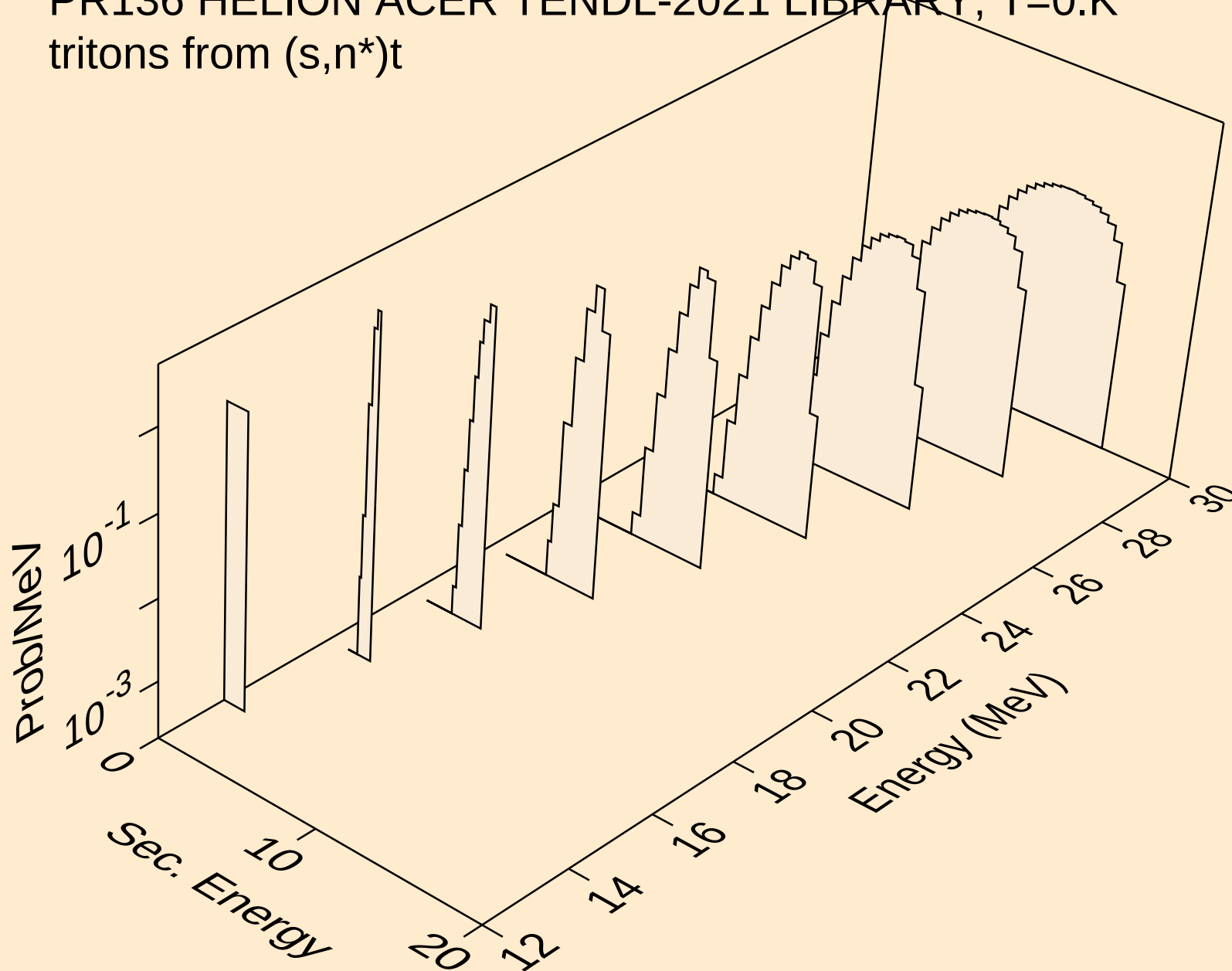
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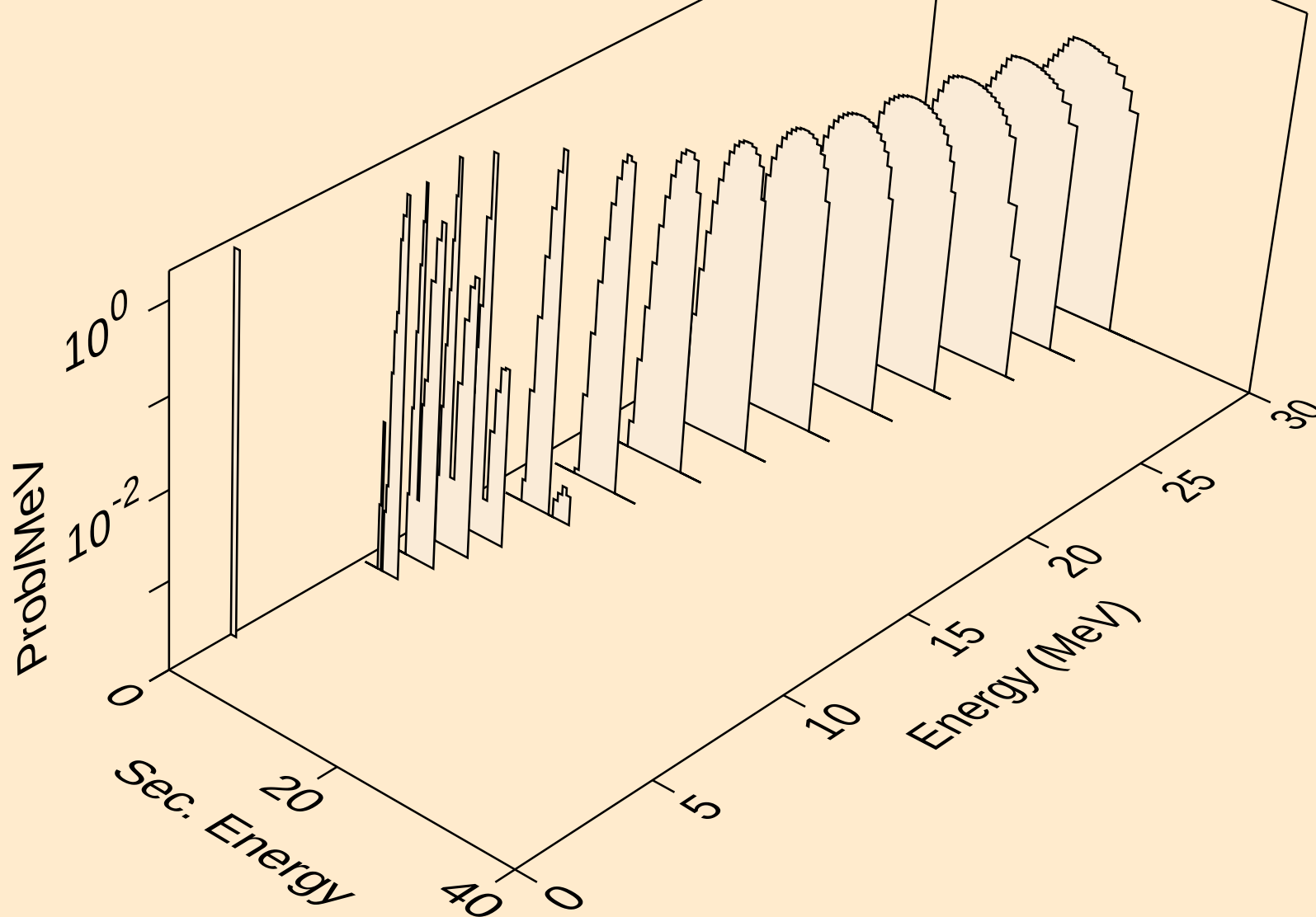
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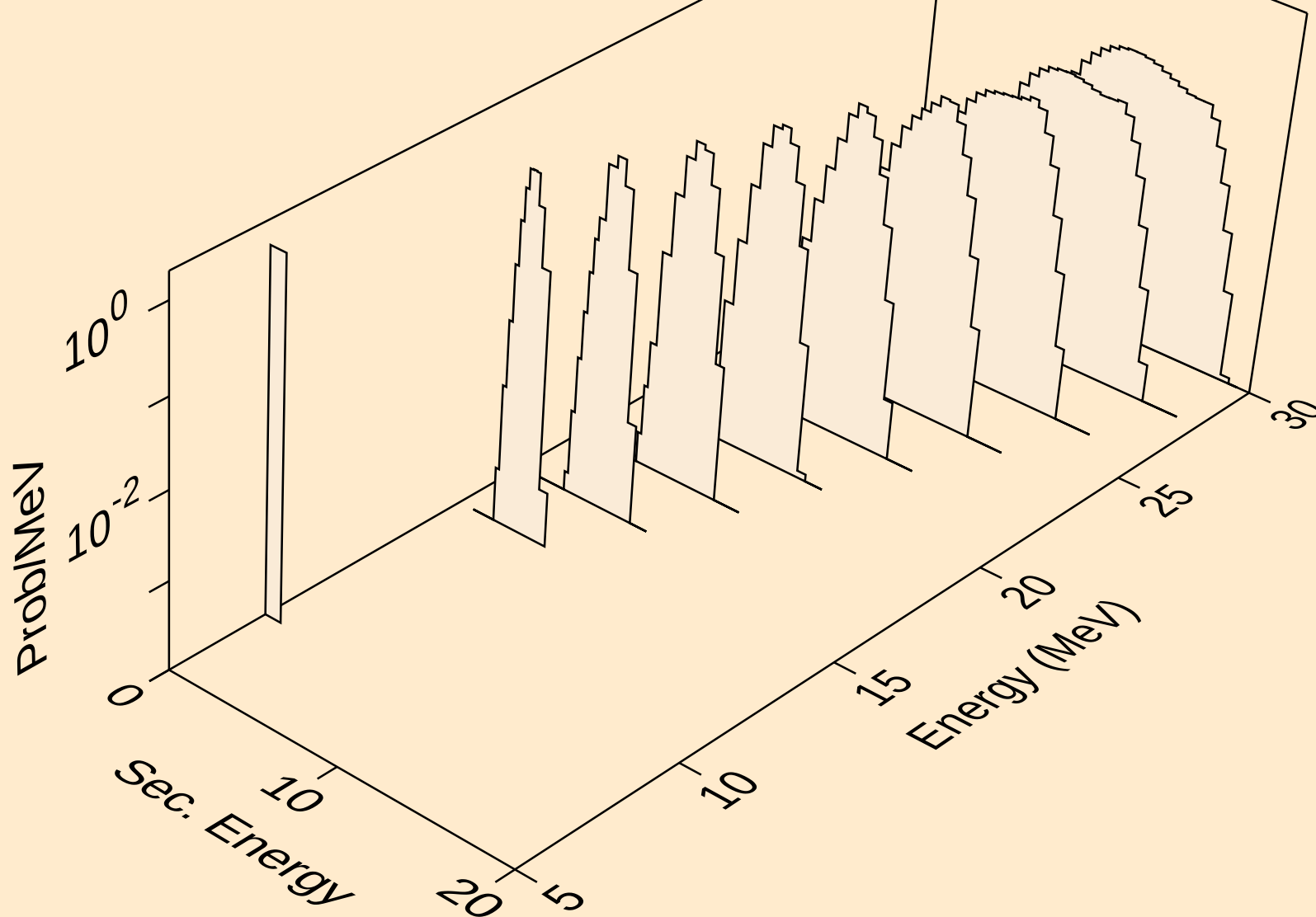
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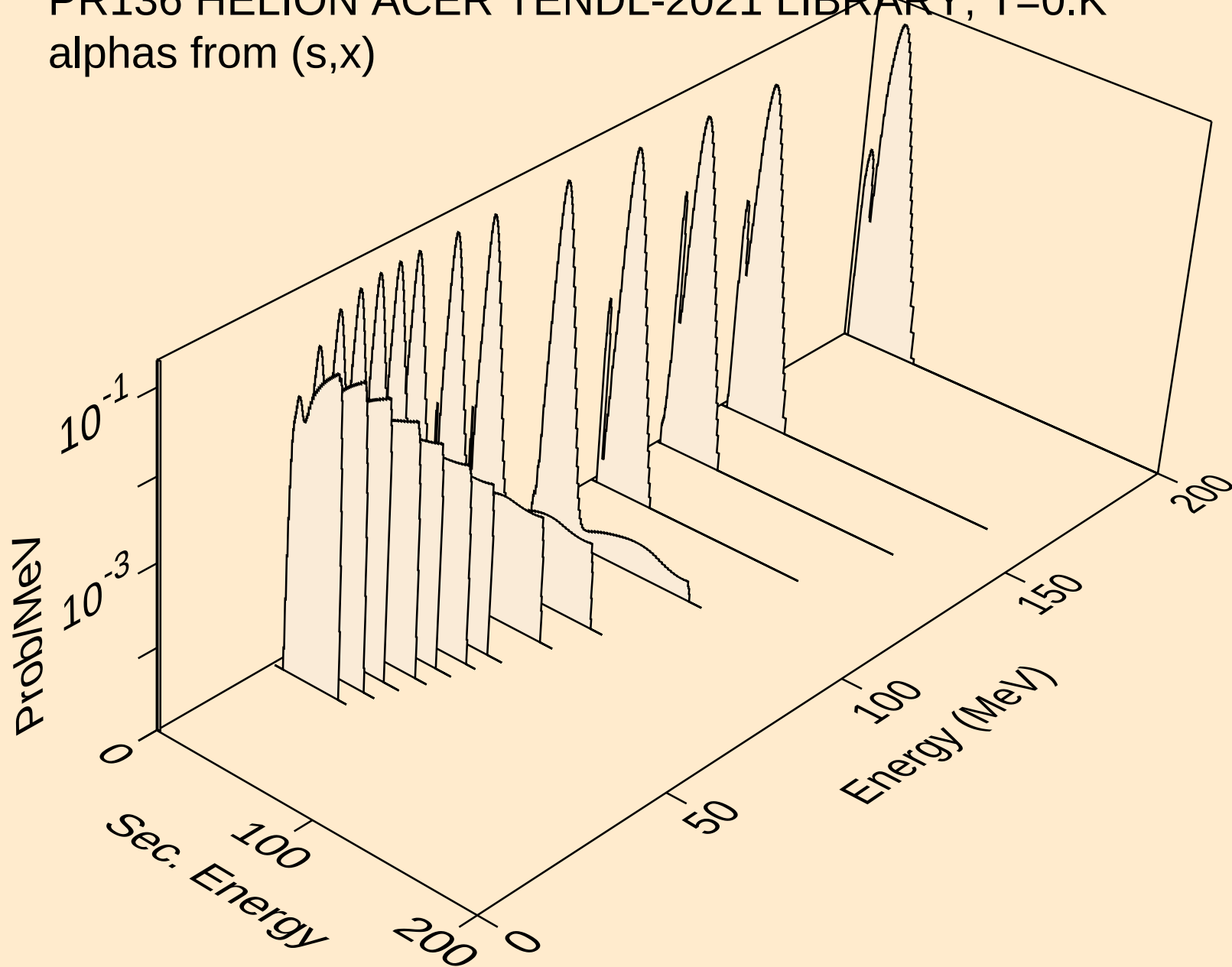
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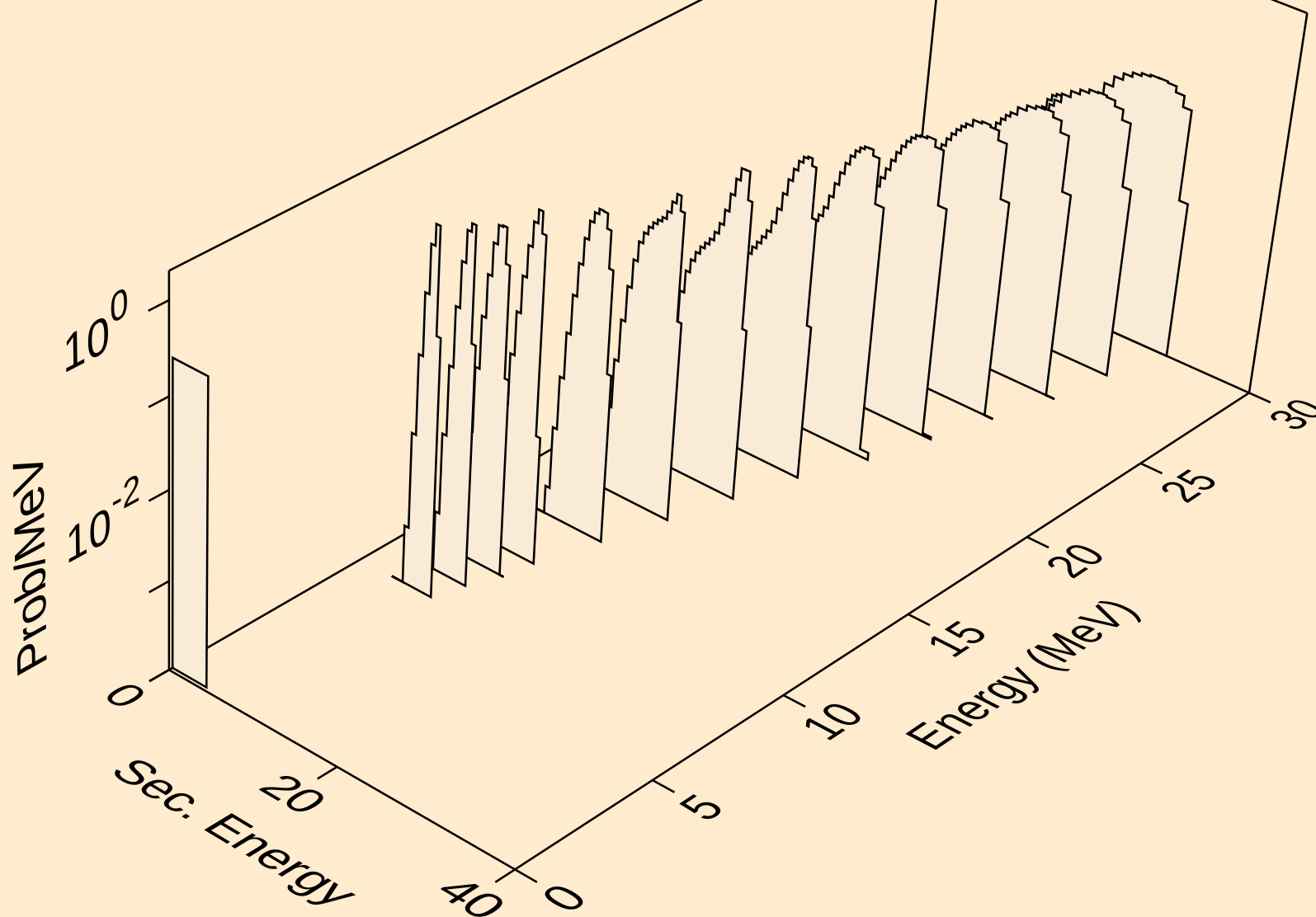
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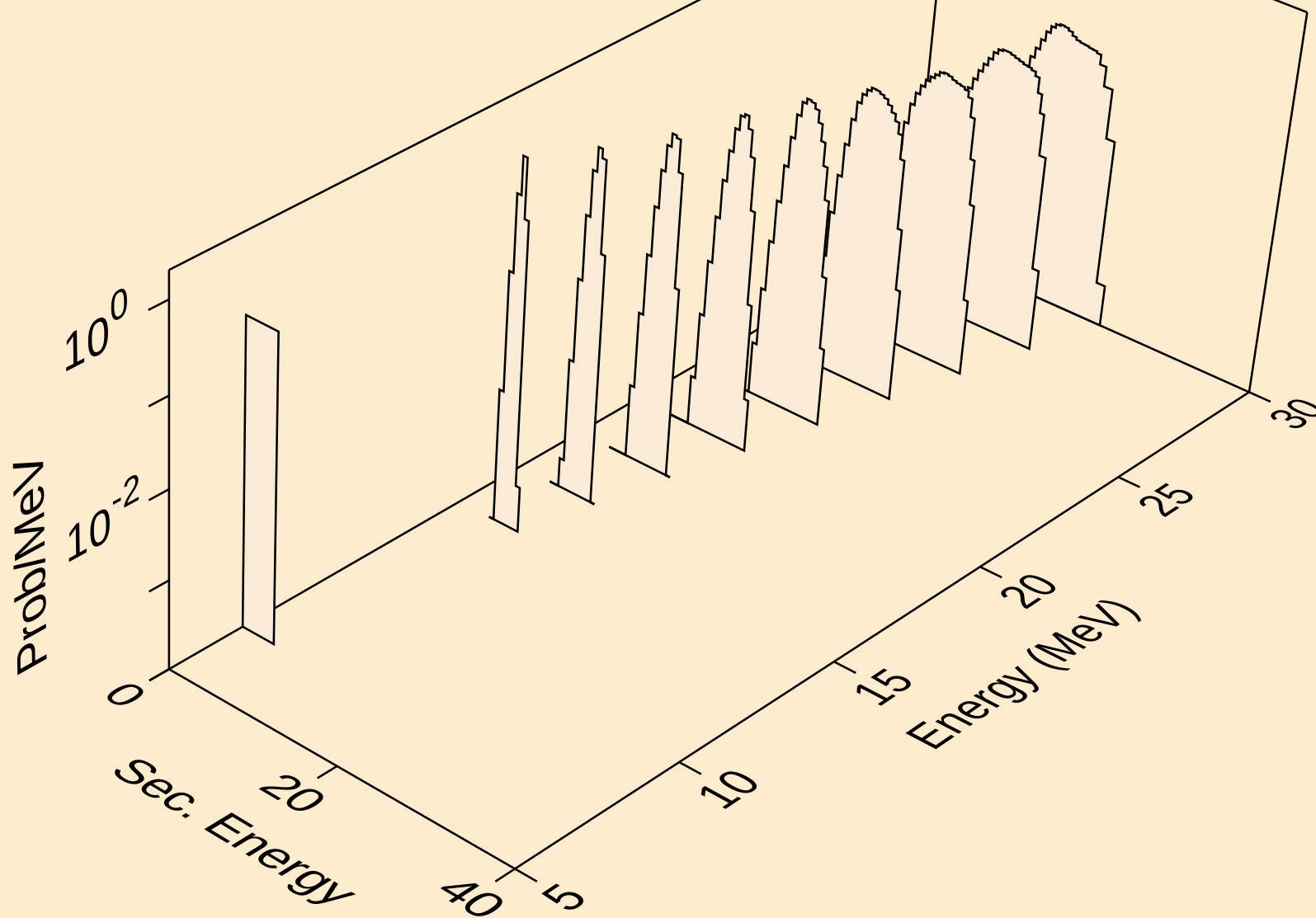
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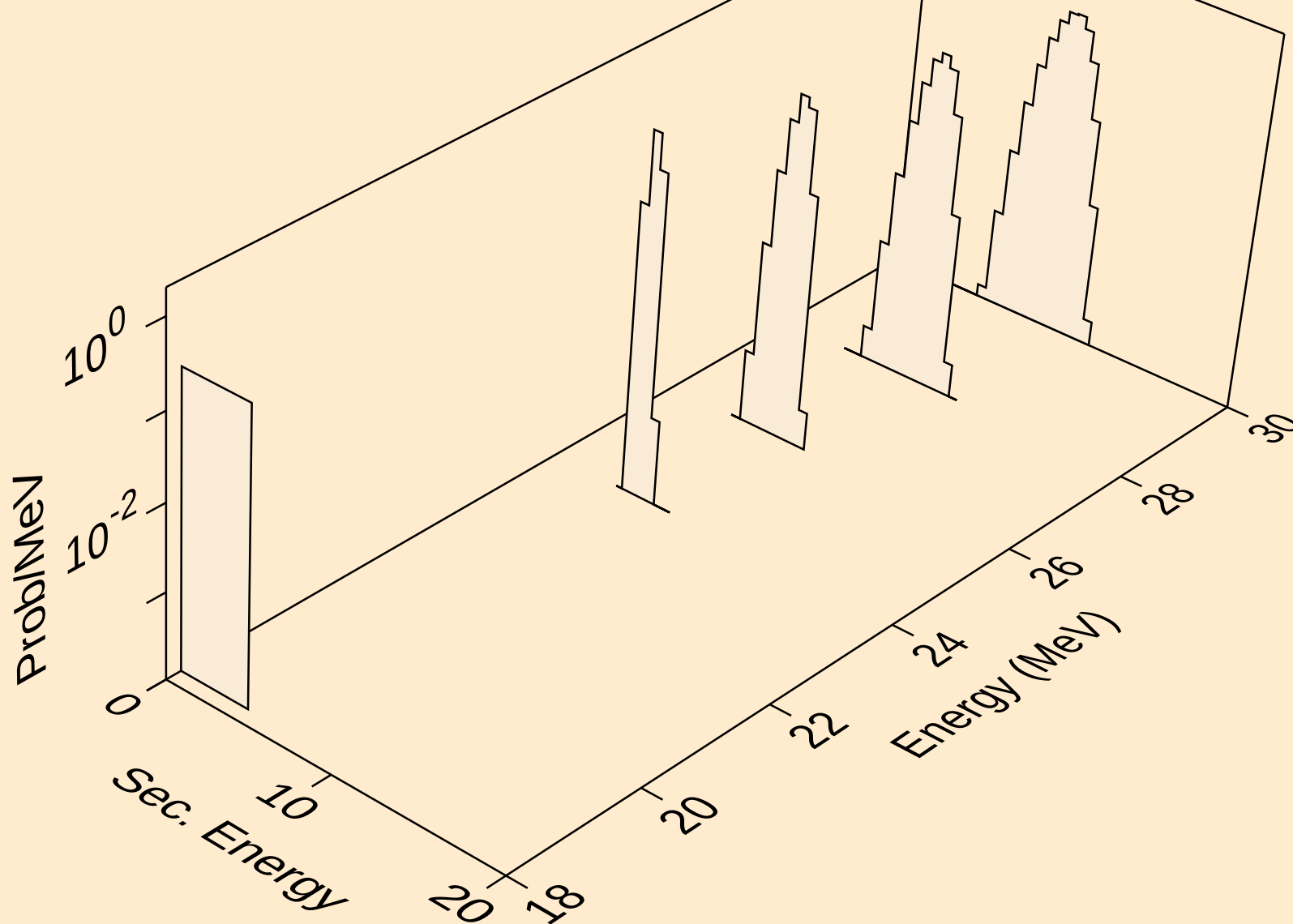
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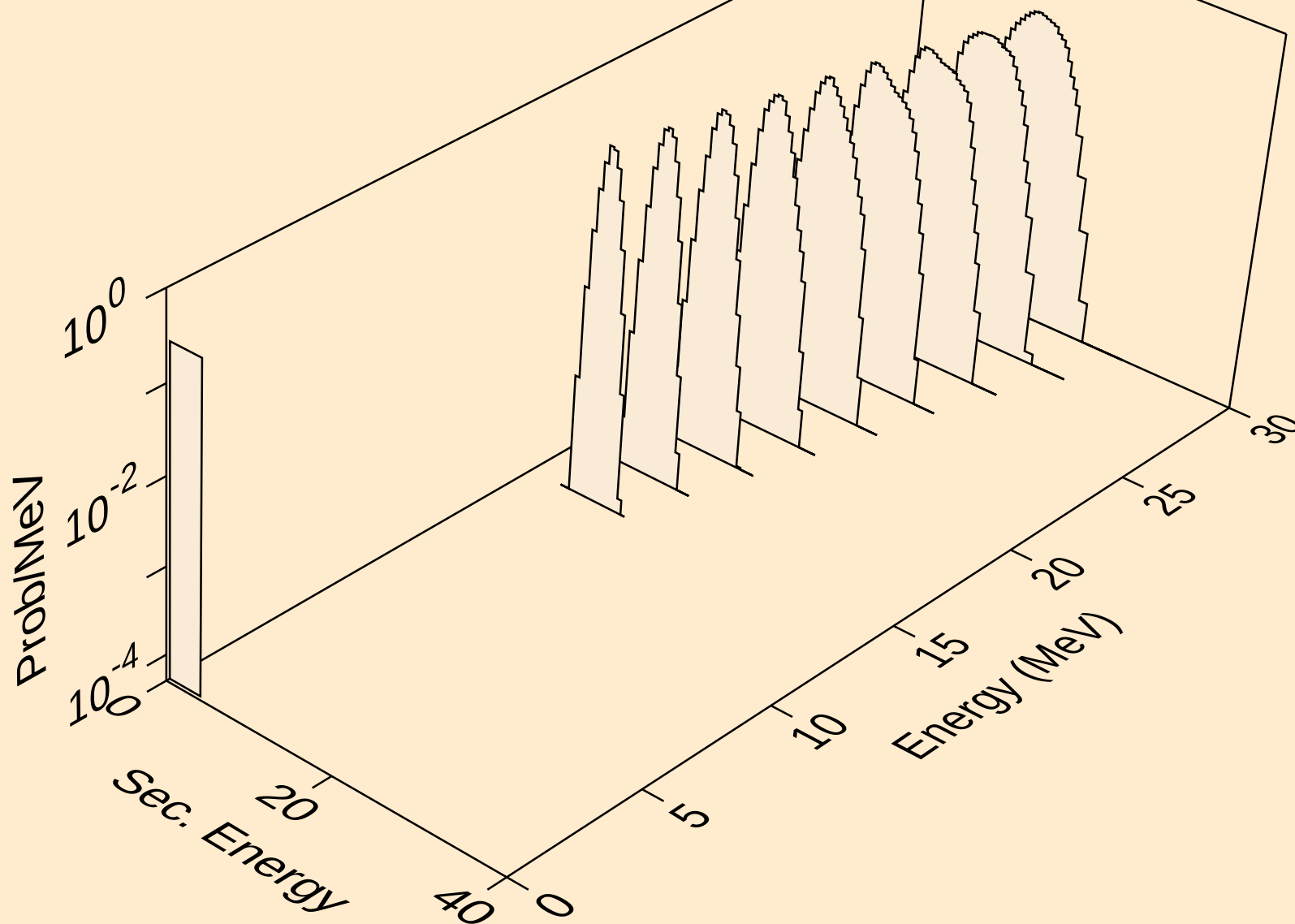
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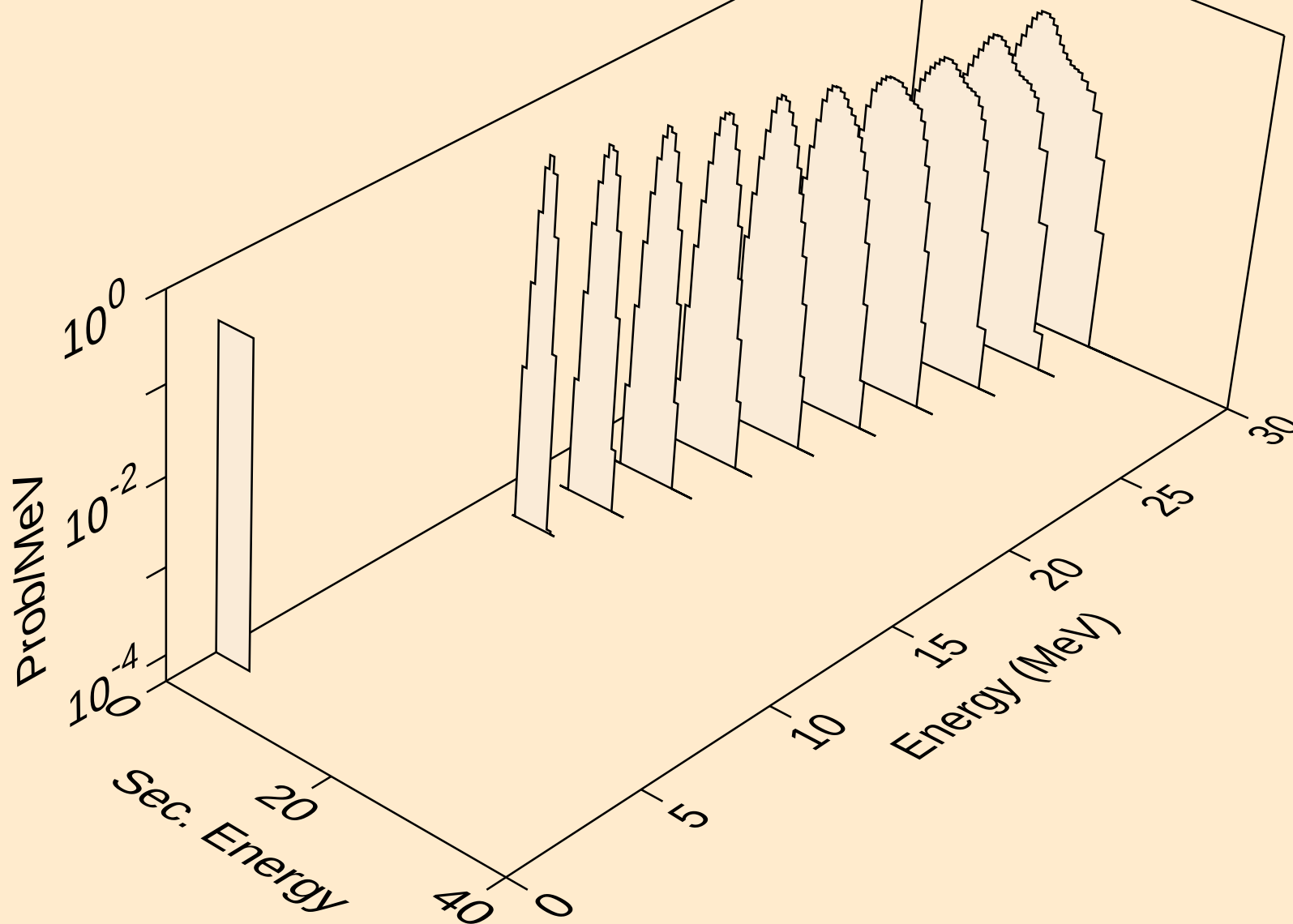
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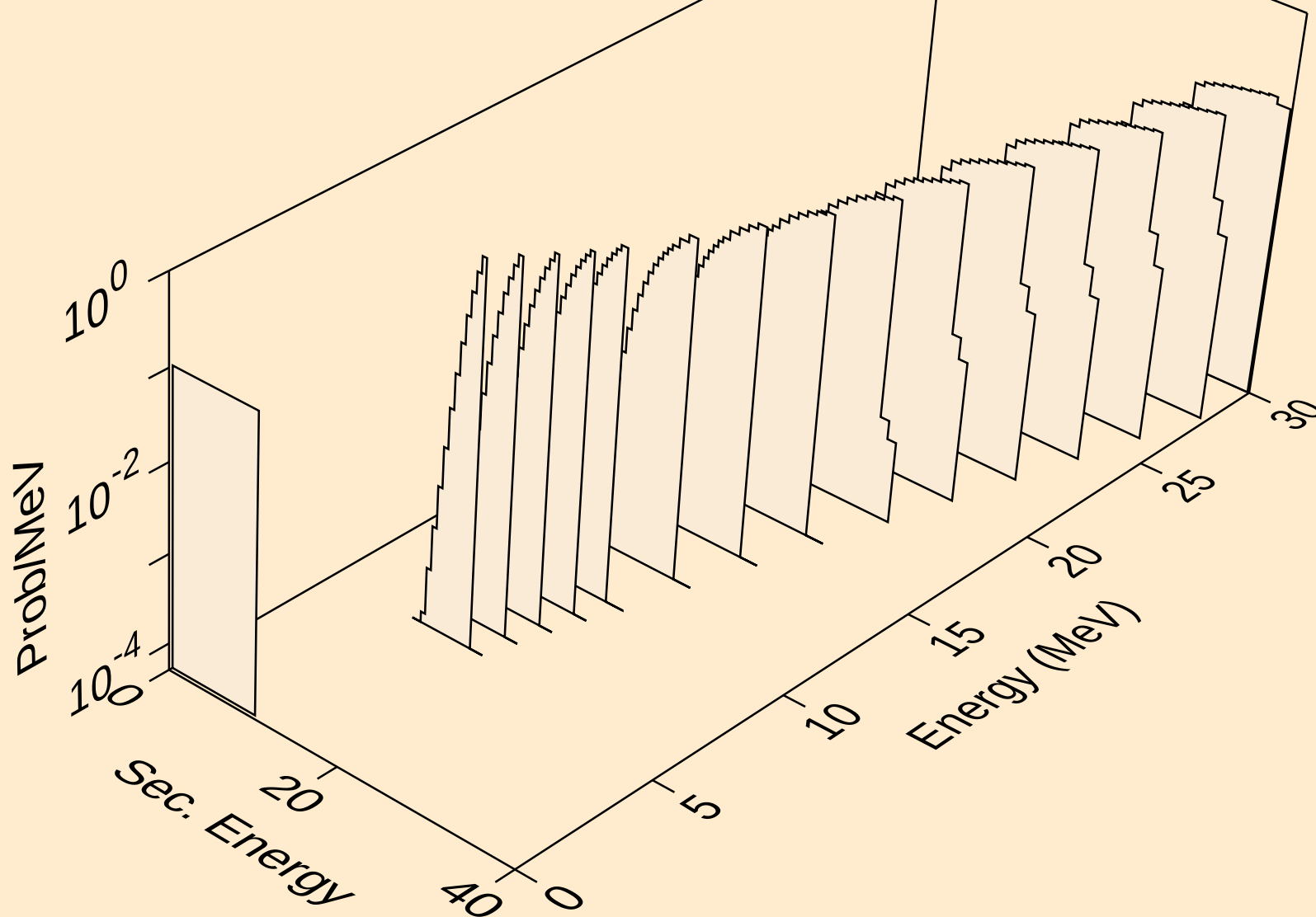
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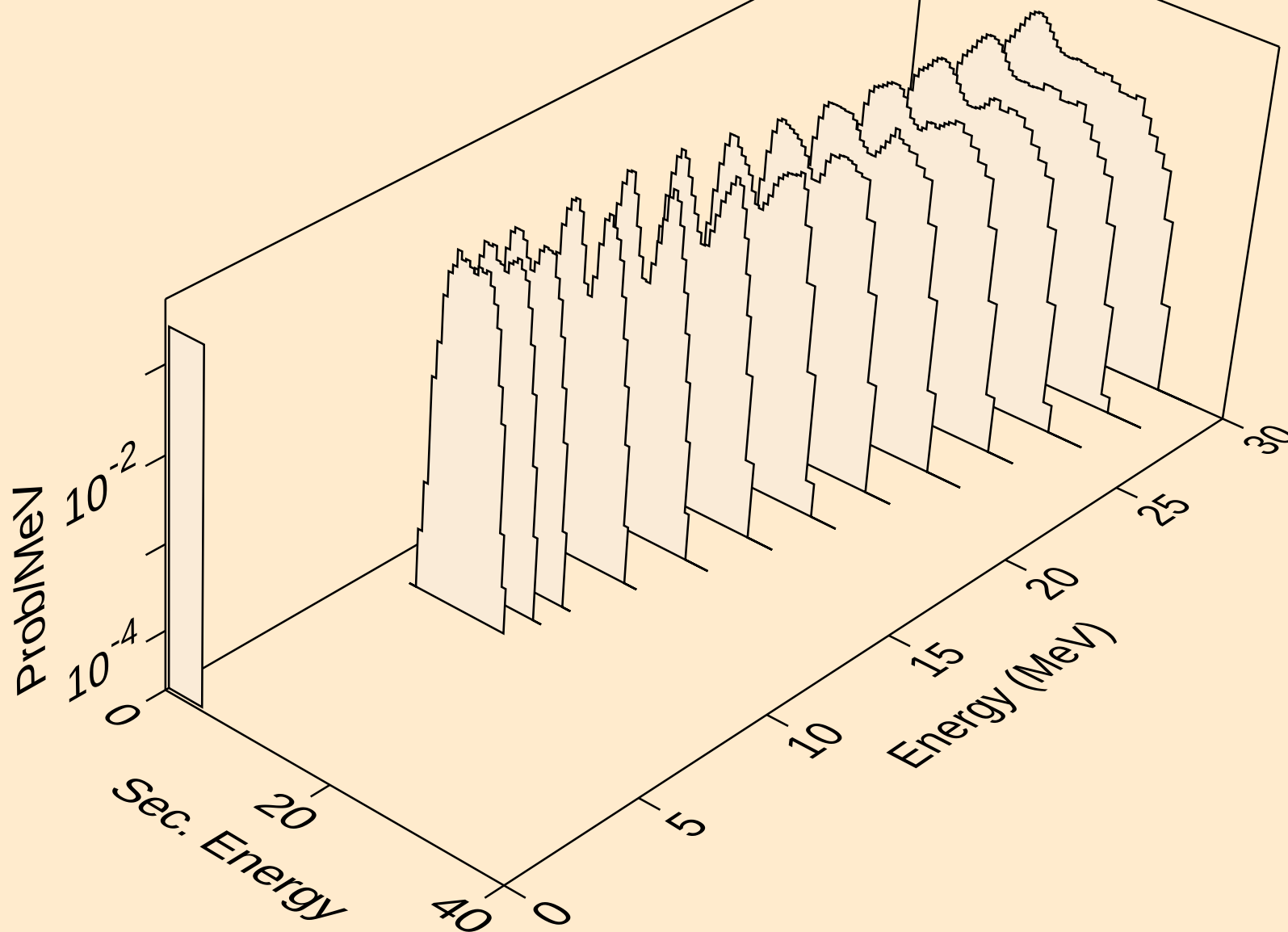
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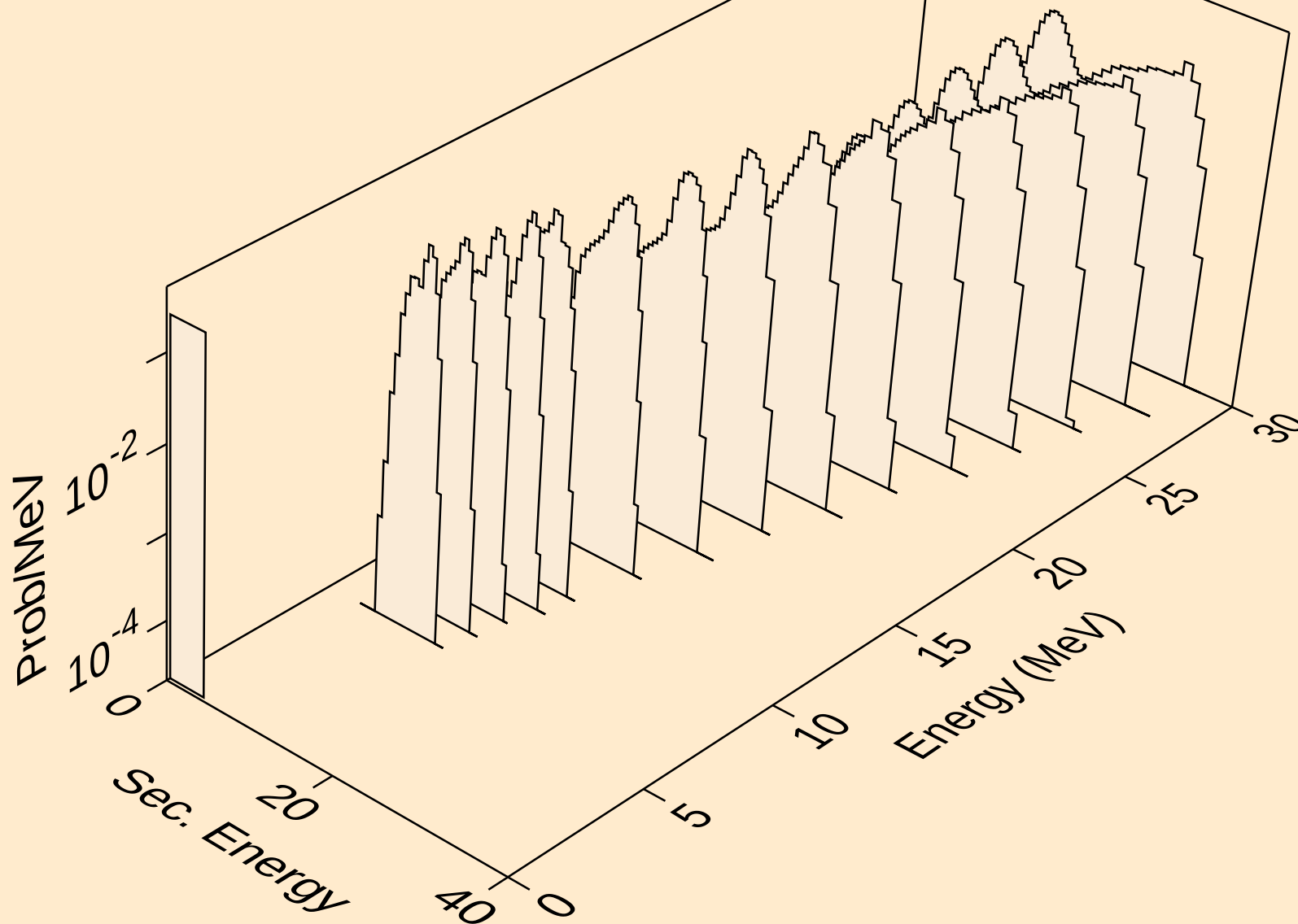
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alphas from (s,a)



PR136 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2a)



PR136 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,pa)



PR136 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,da)

