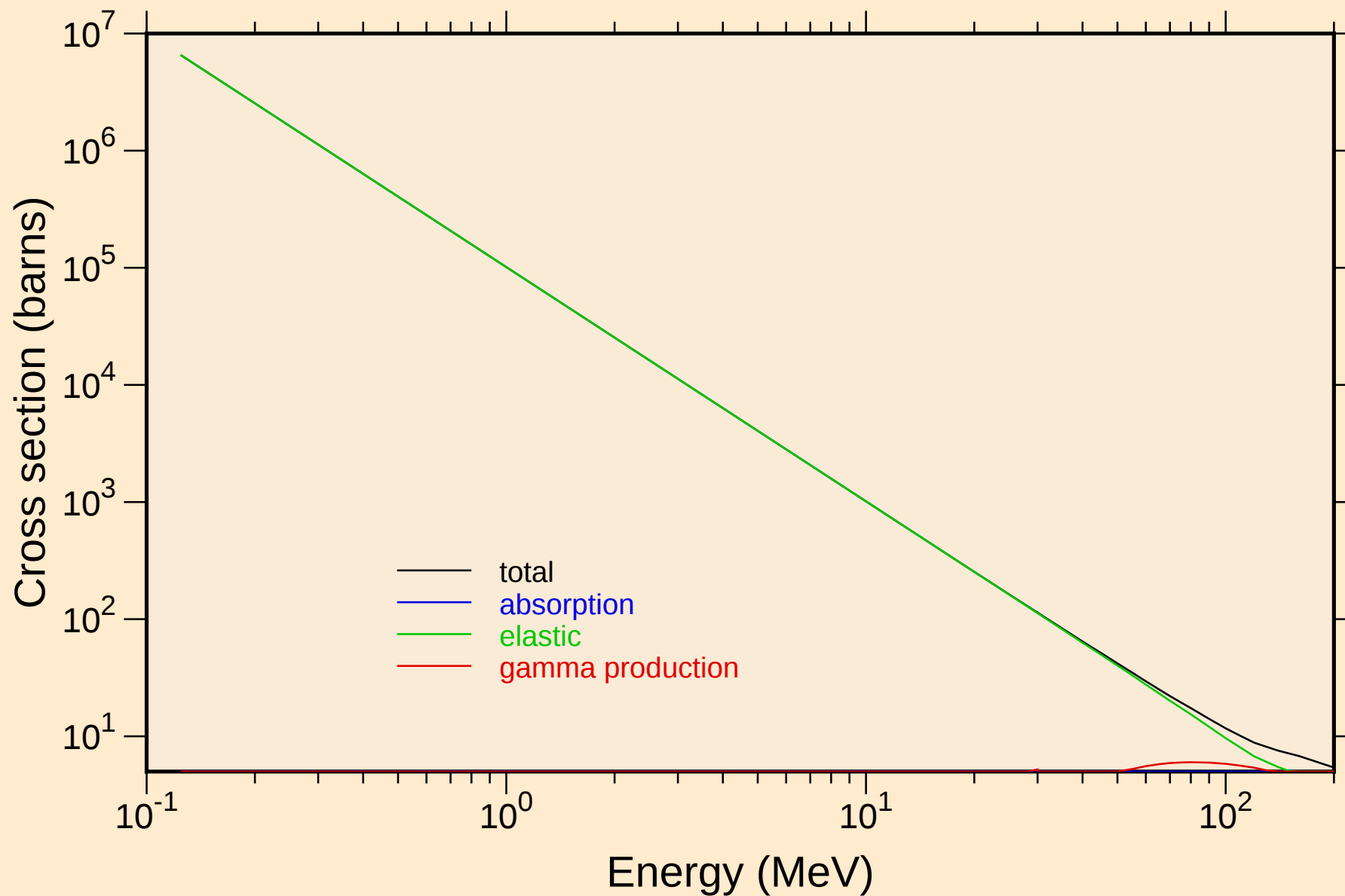


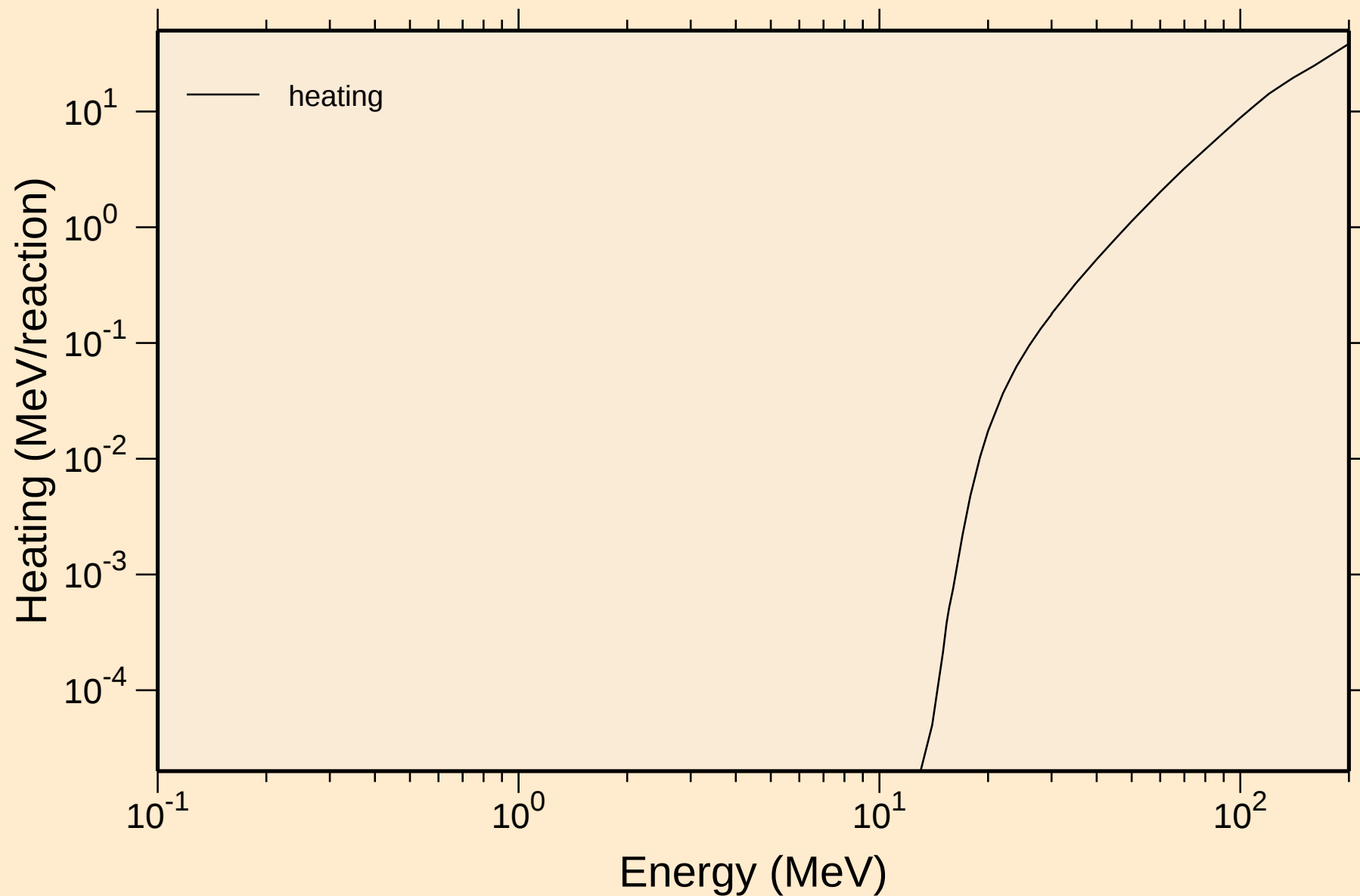
# EU148 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



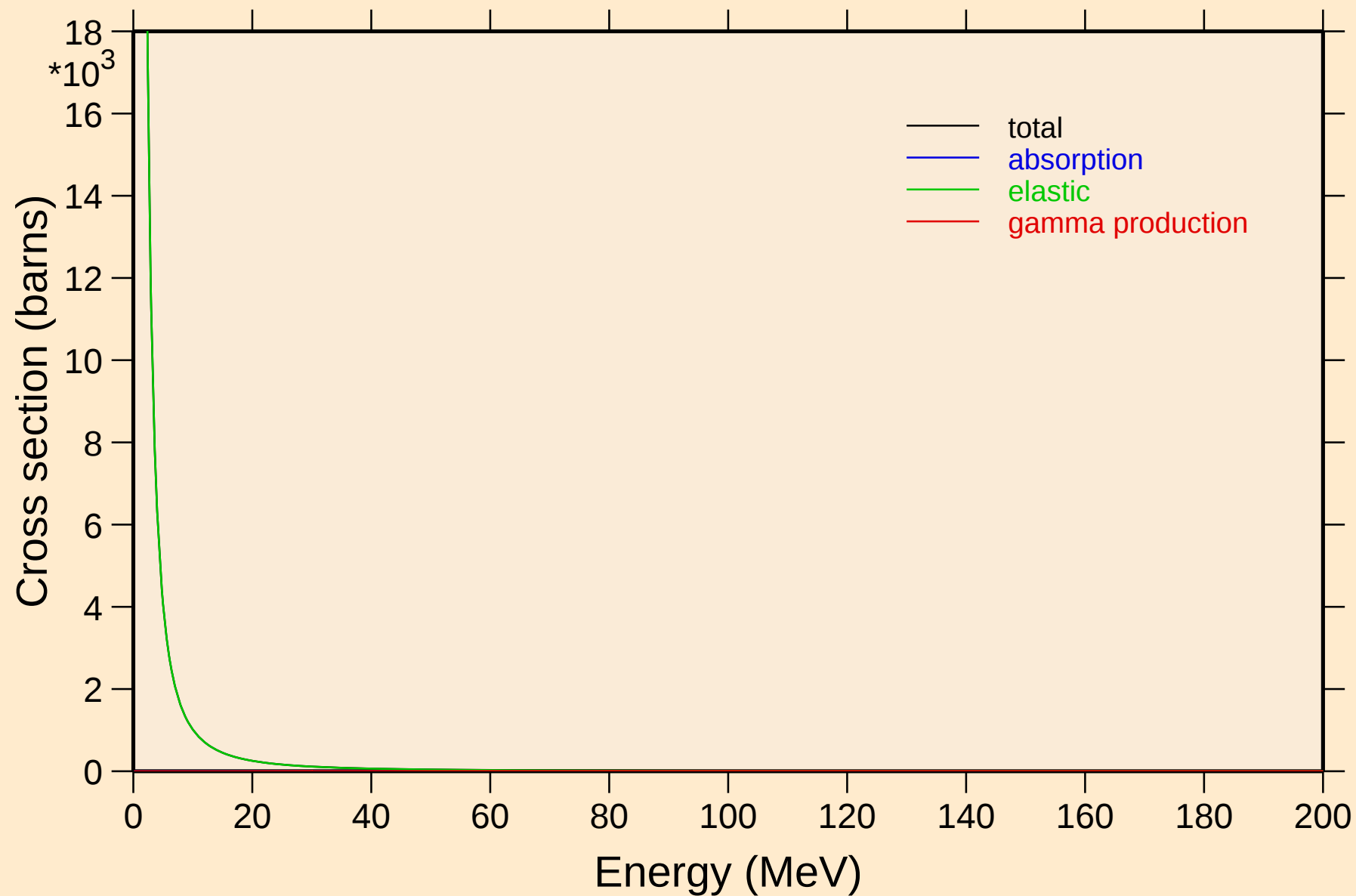
# EU148 HELION ACER TENDL-2024 LIBRARY; T=0.K

Heating



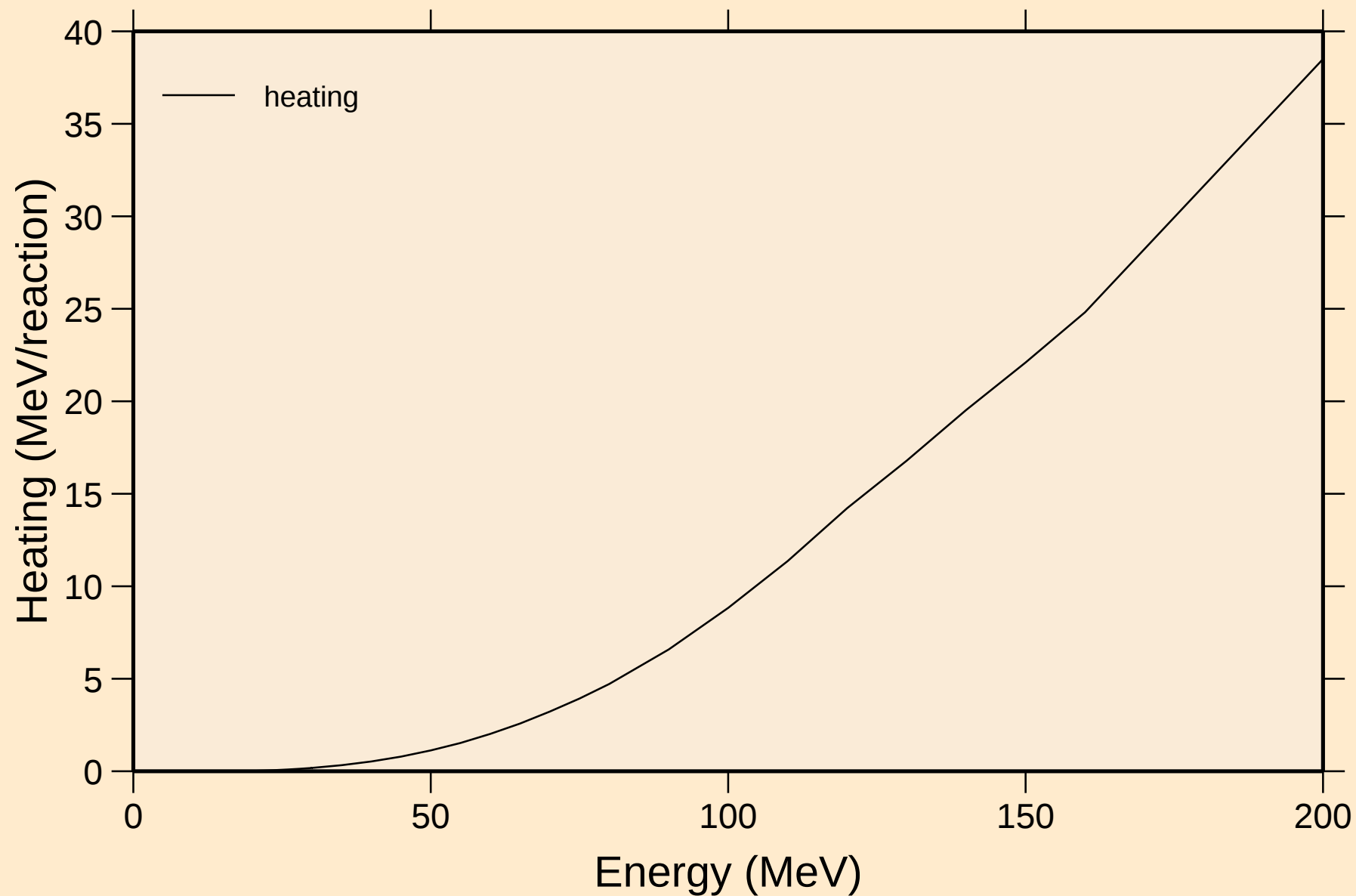
# EU148 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



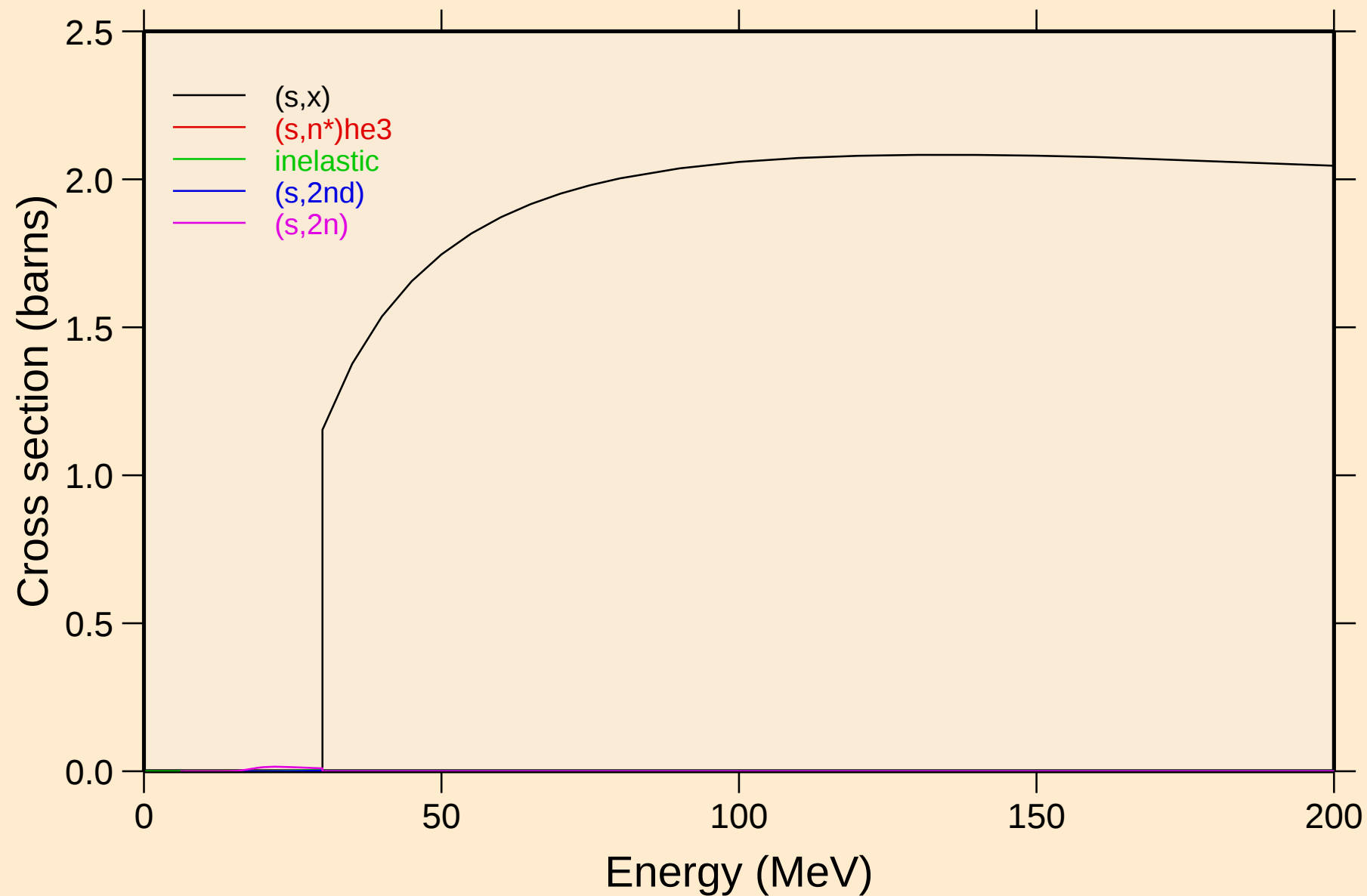
EU148 HELION ACER TENDL-2024 LIBRARY; T=0.K

Heating



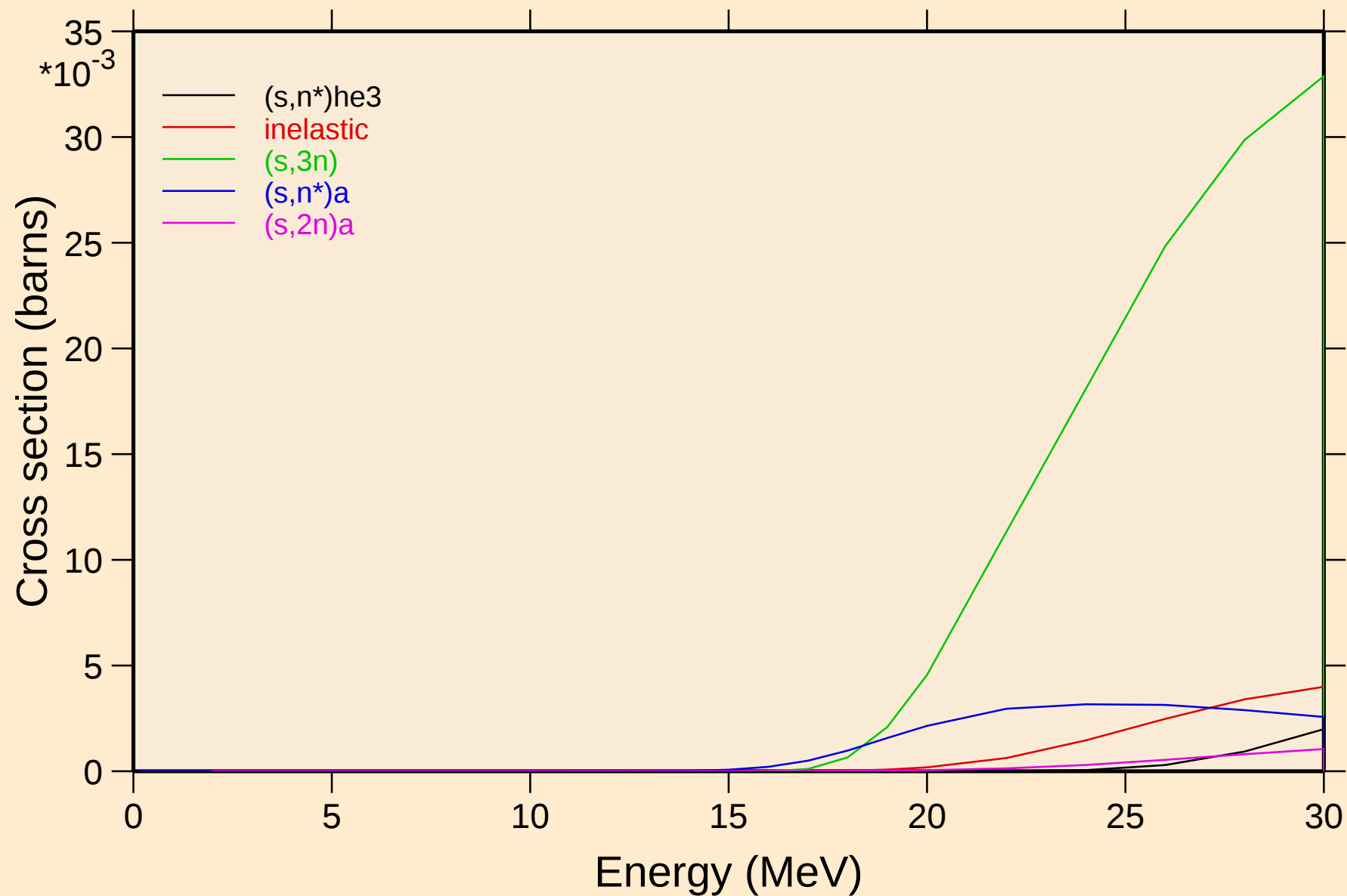
# EU148 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



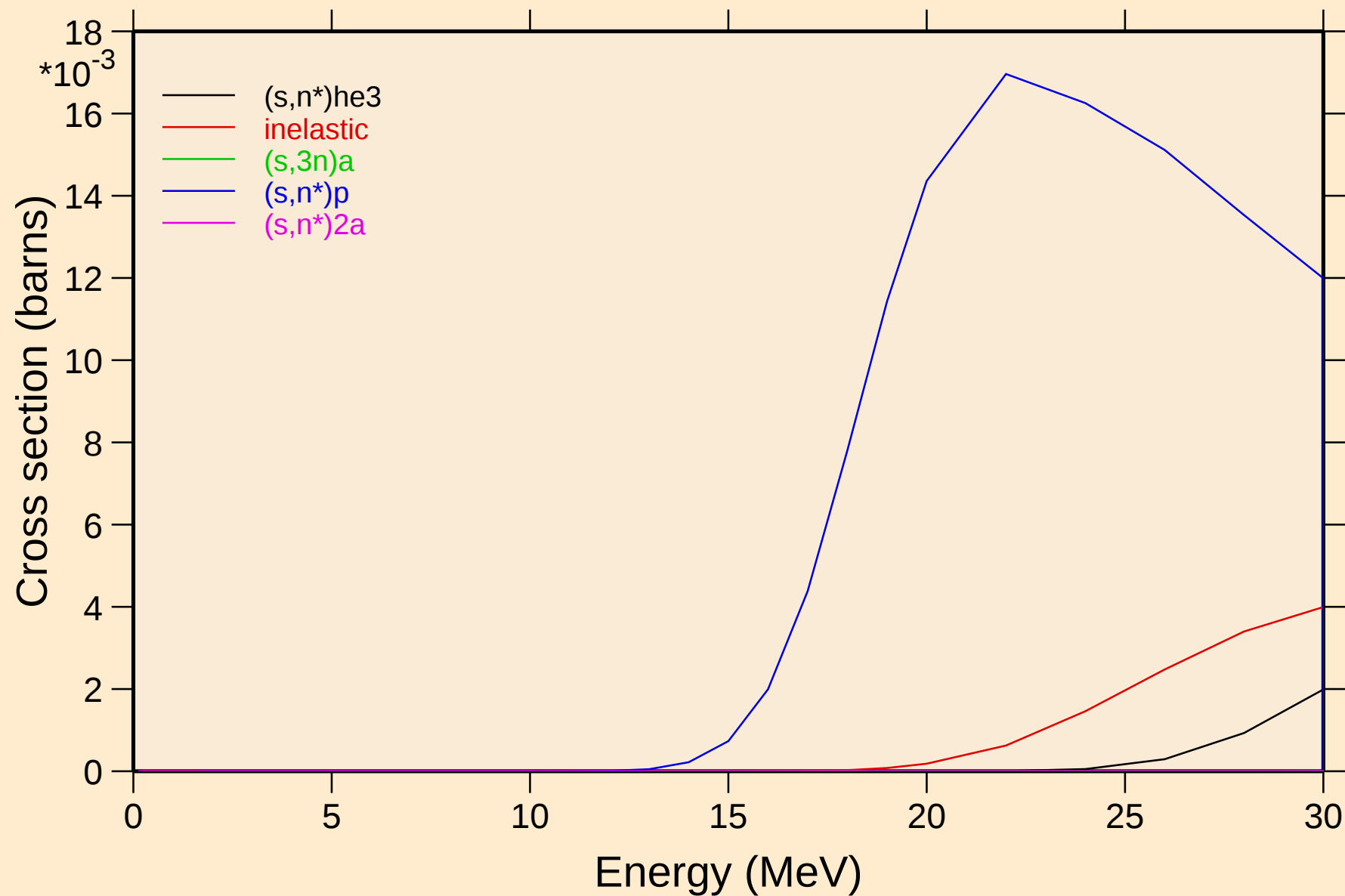
# EU148 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



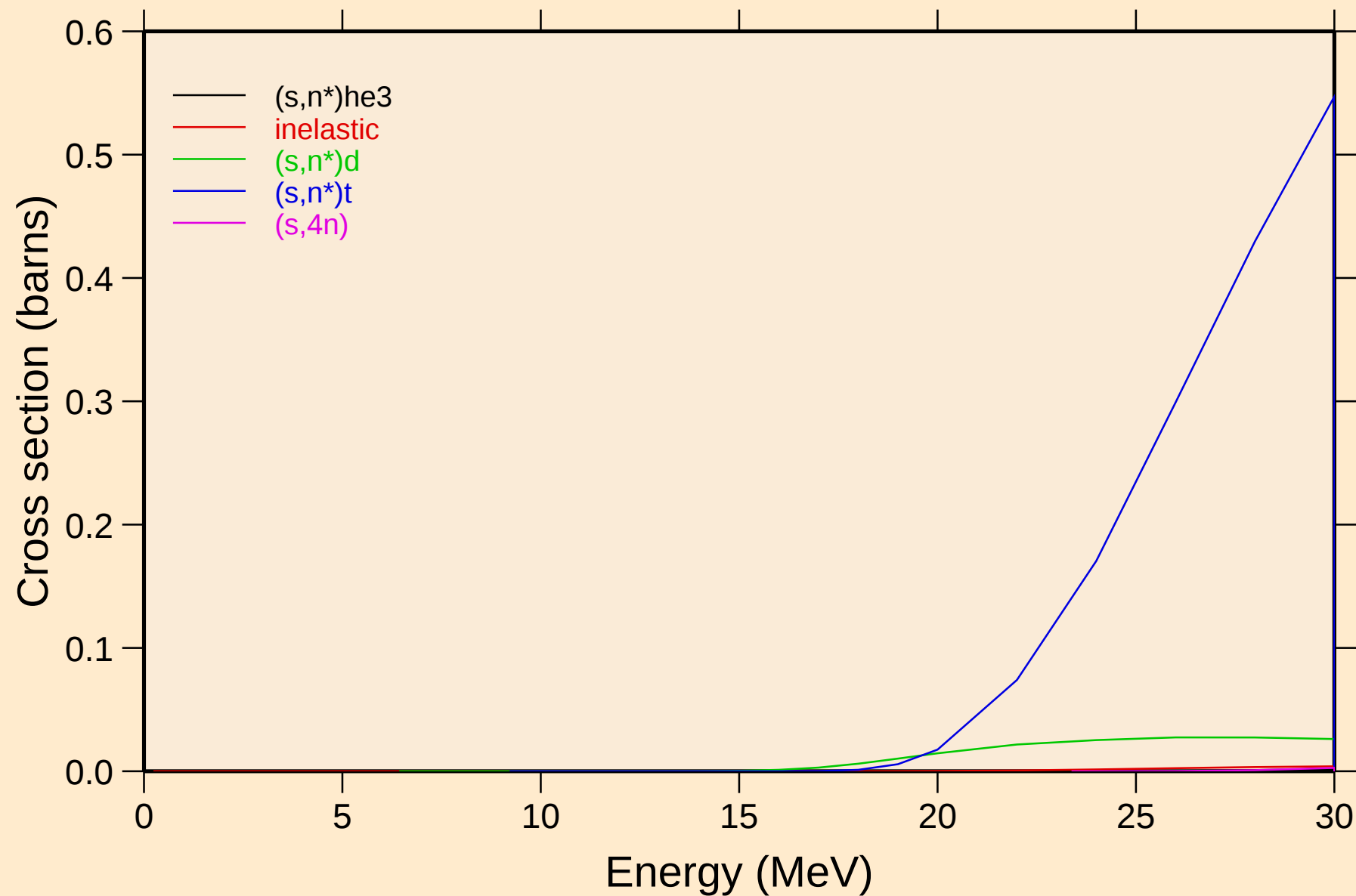
# EU148 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



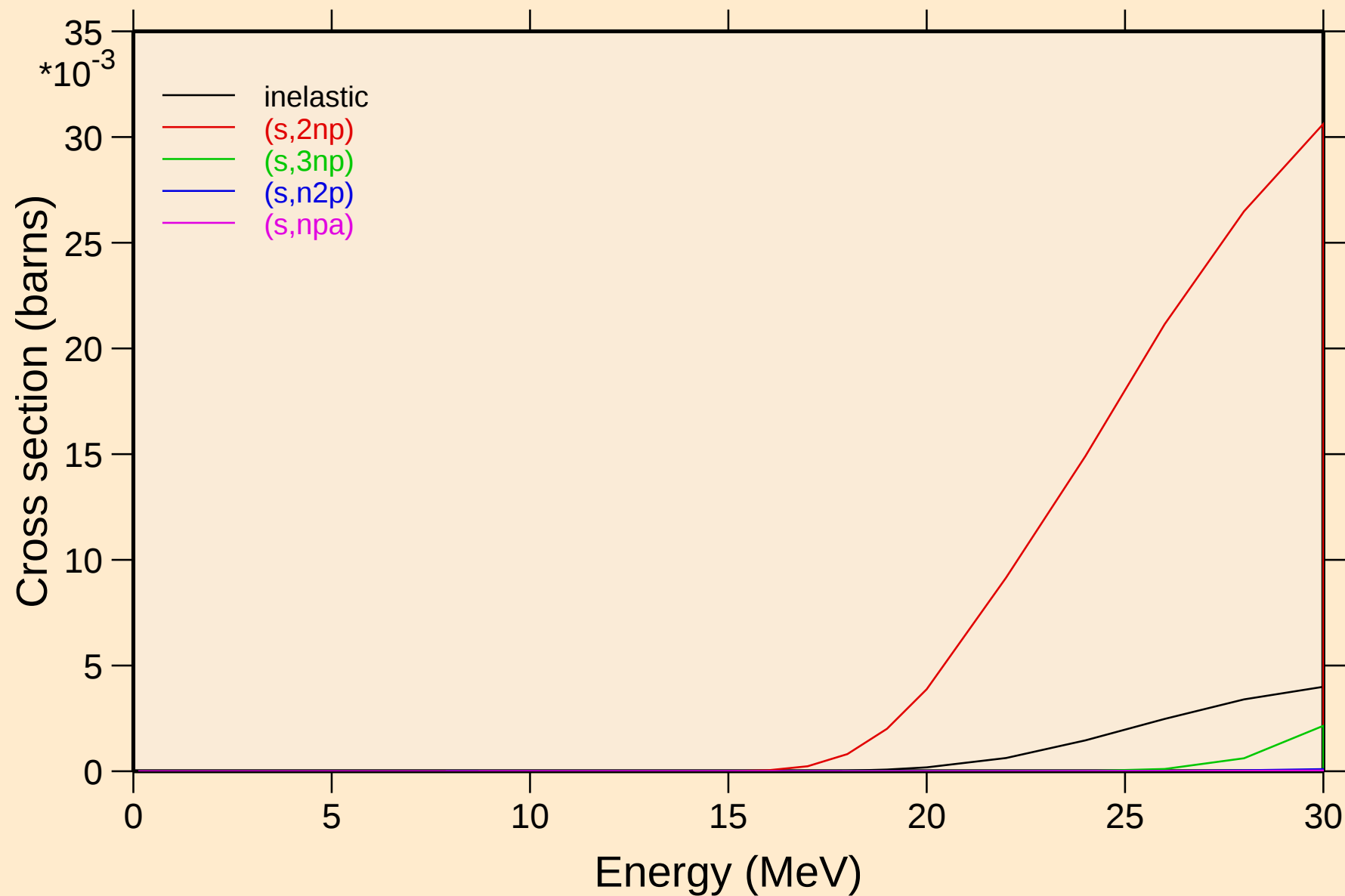
# EU148 HELION ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions



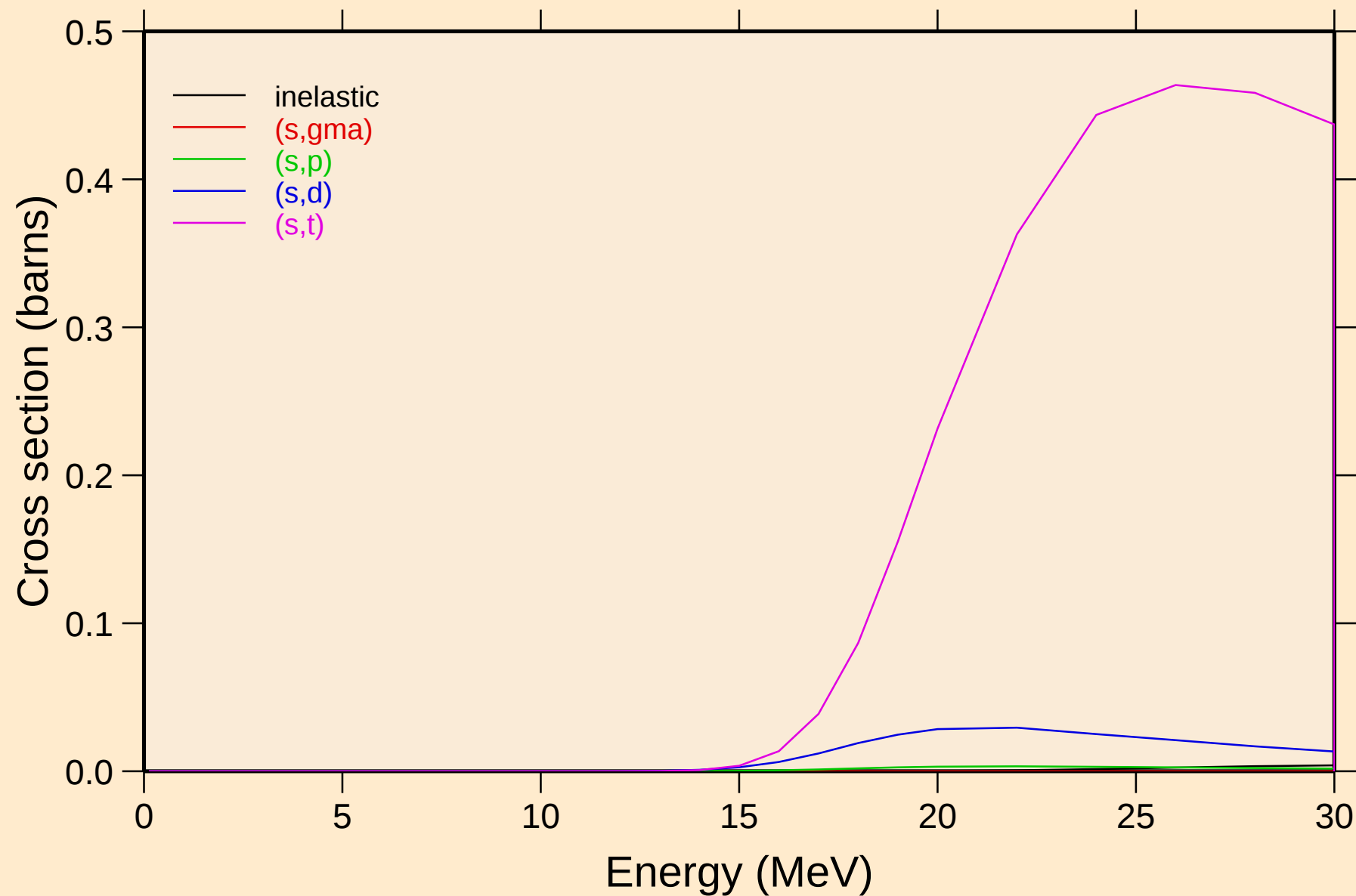
# EU148 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



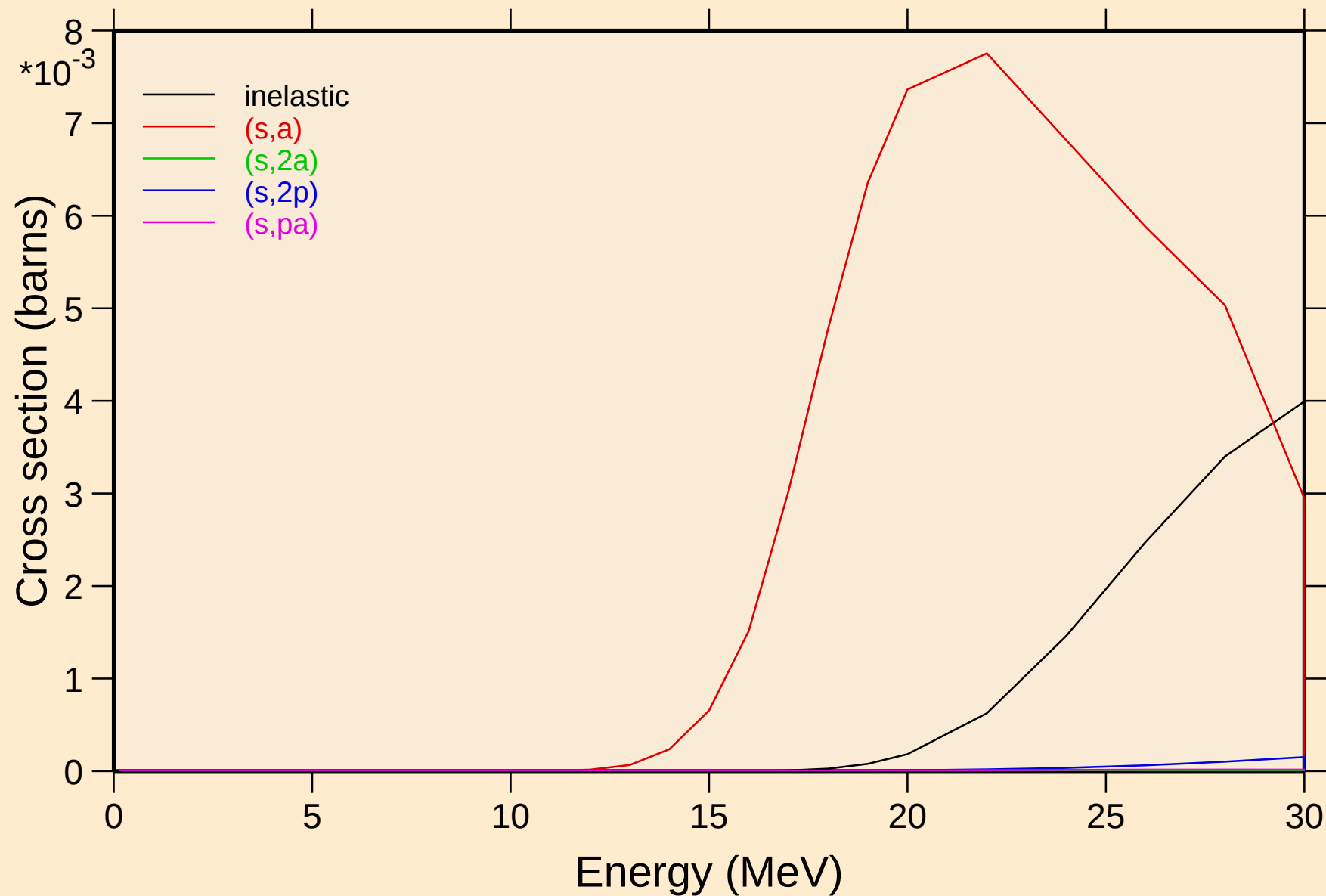
# EU148 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



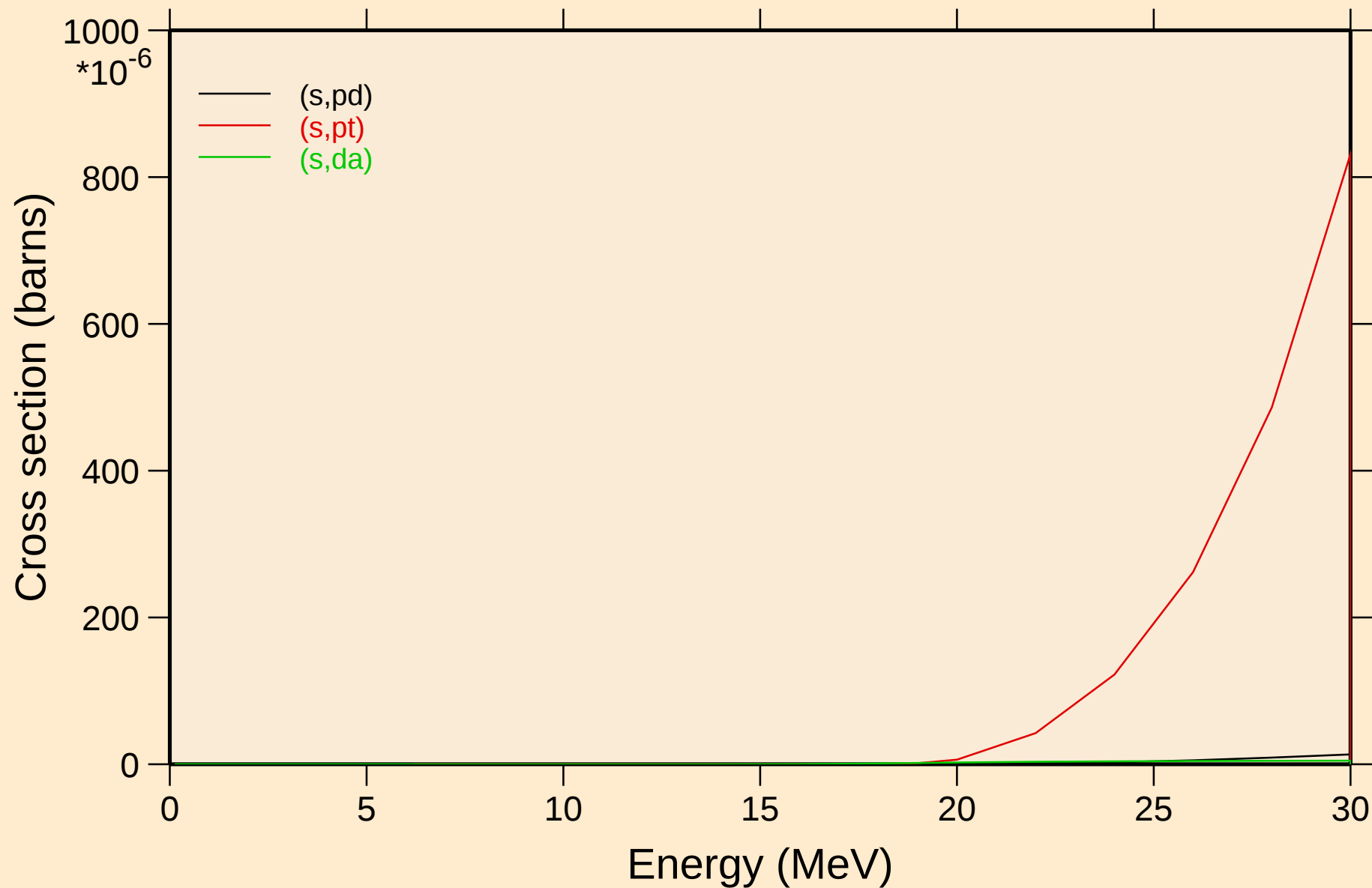
# EU148 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

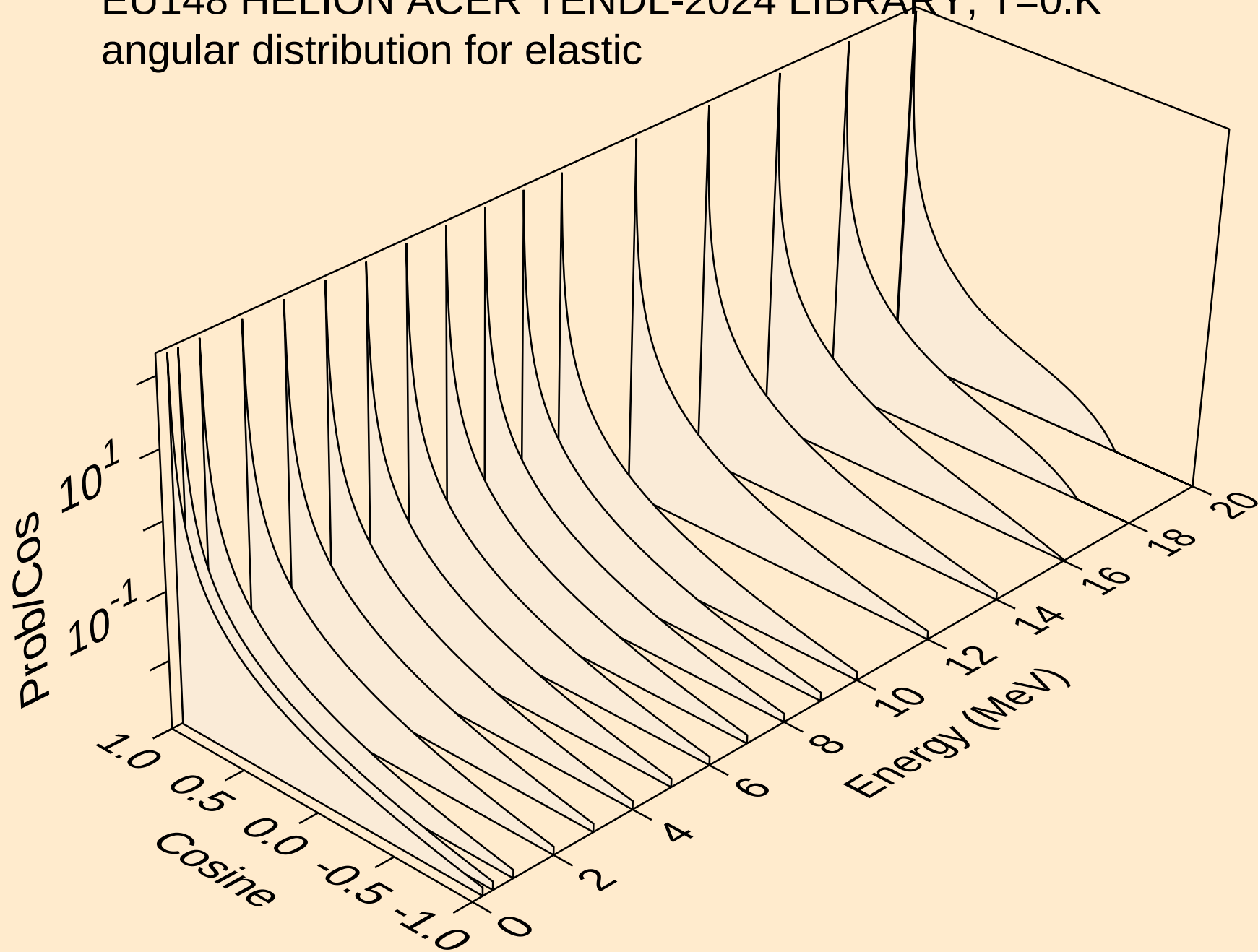


# EU148 HELION ACER TENDL-2024 LIBRARY; T=0.K

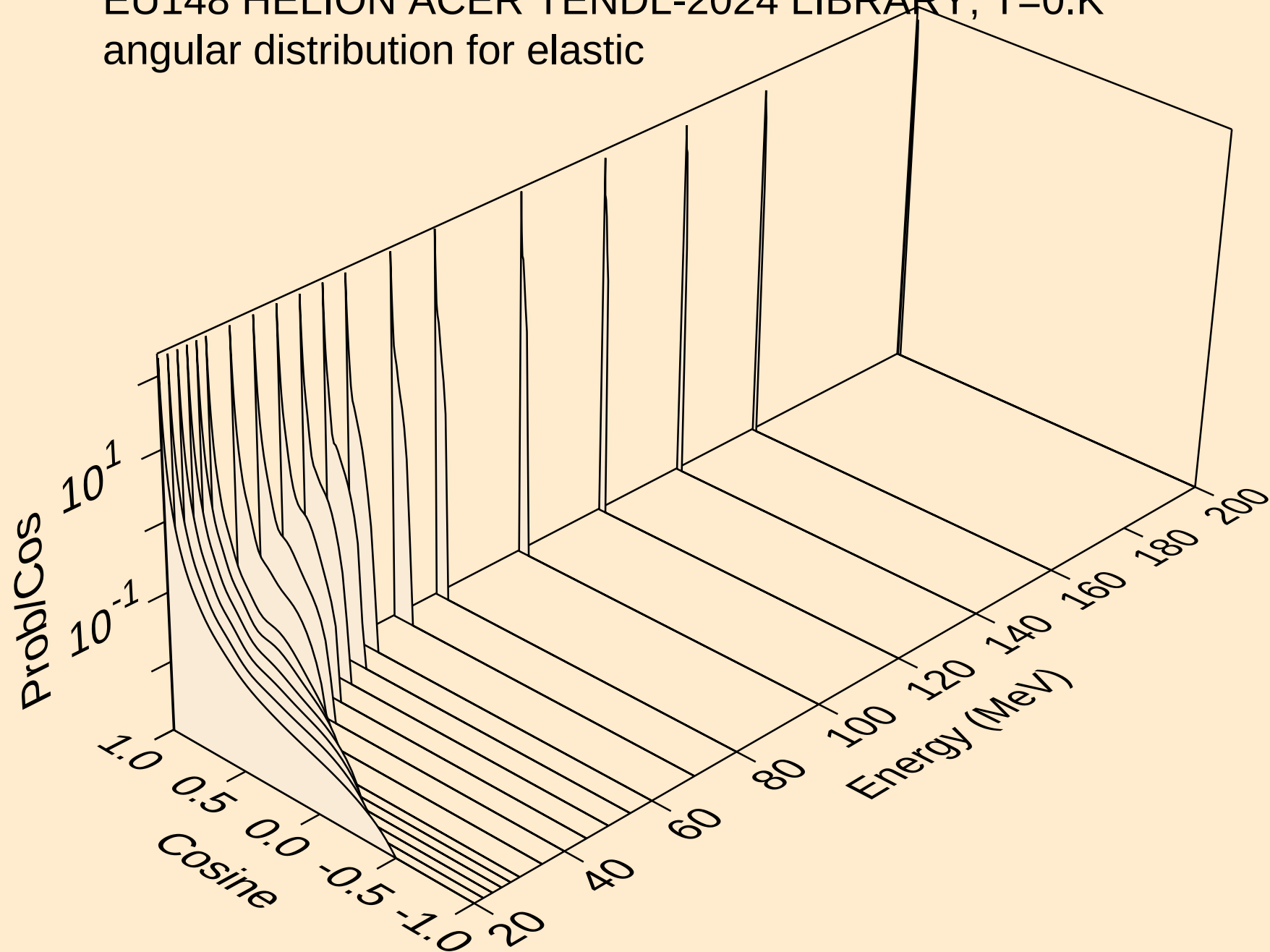
## Threshold reactions



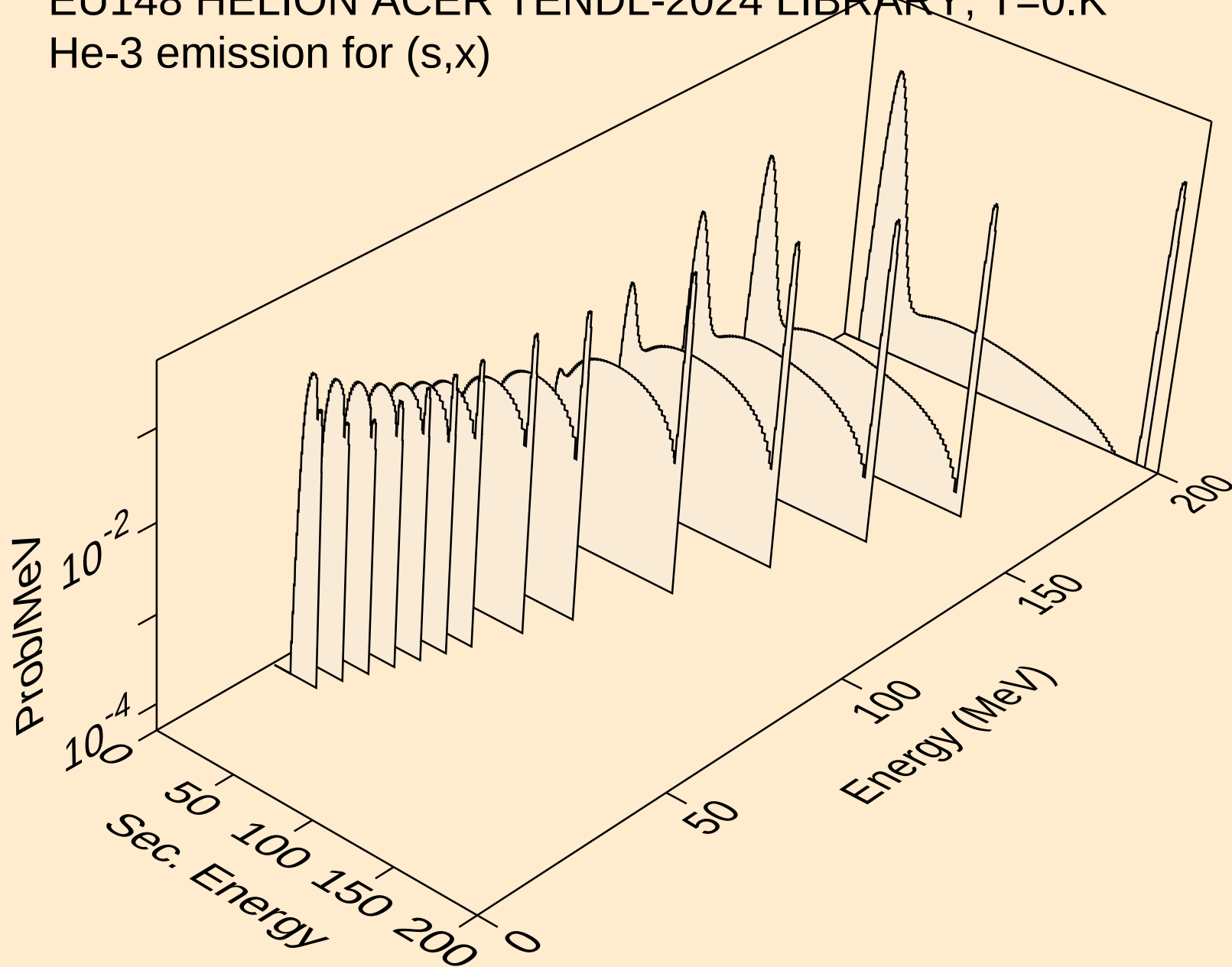
EU148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



EU148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

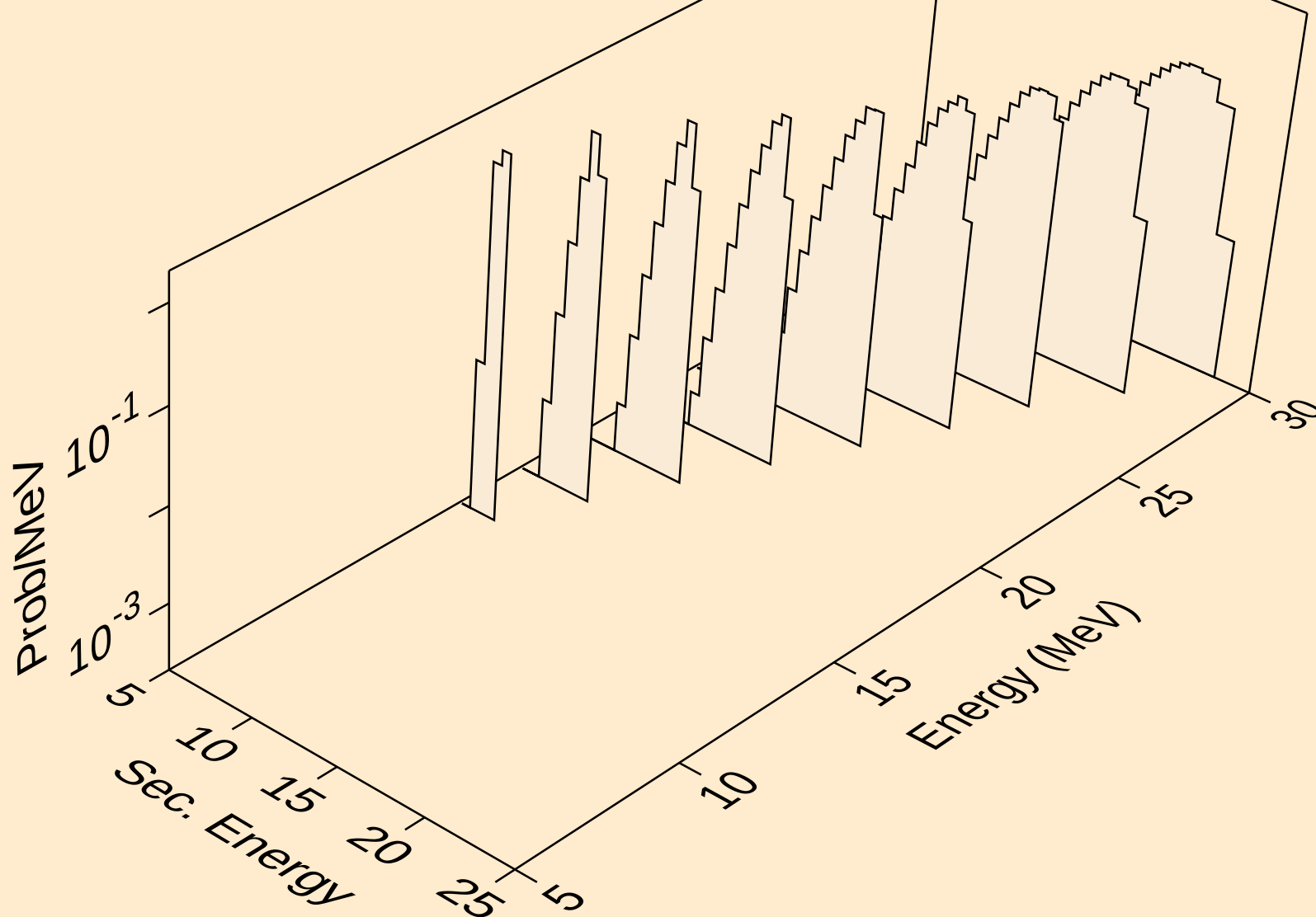


EU148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for (s,x)

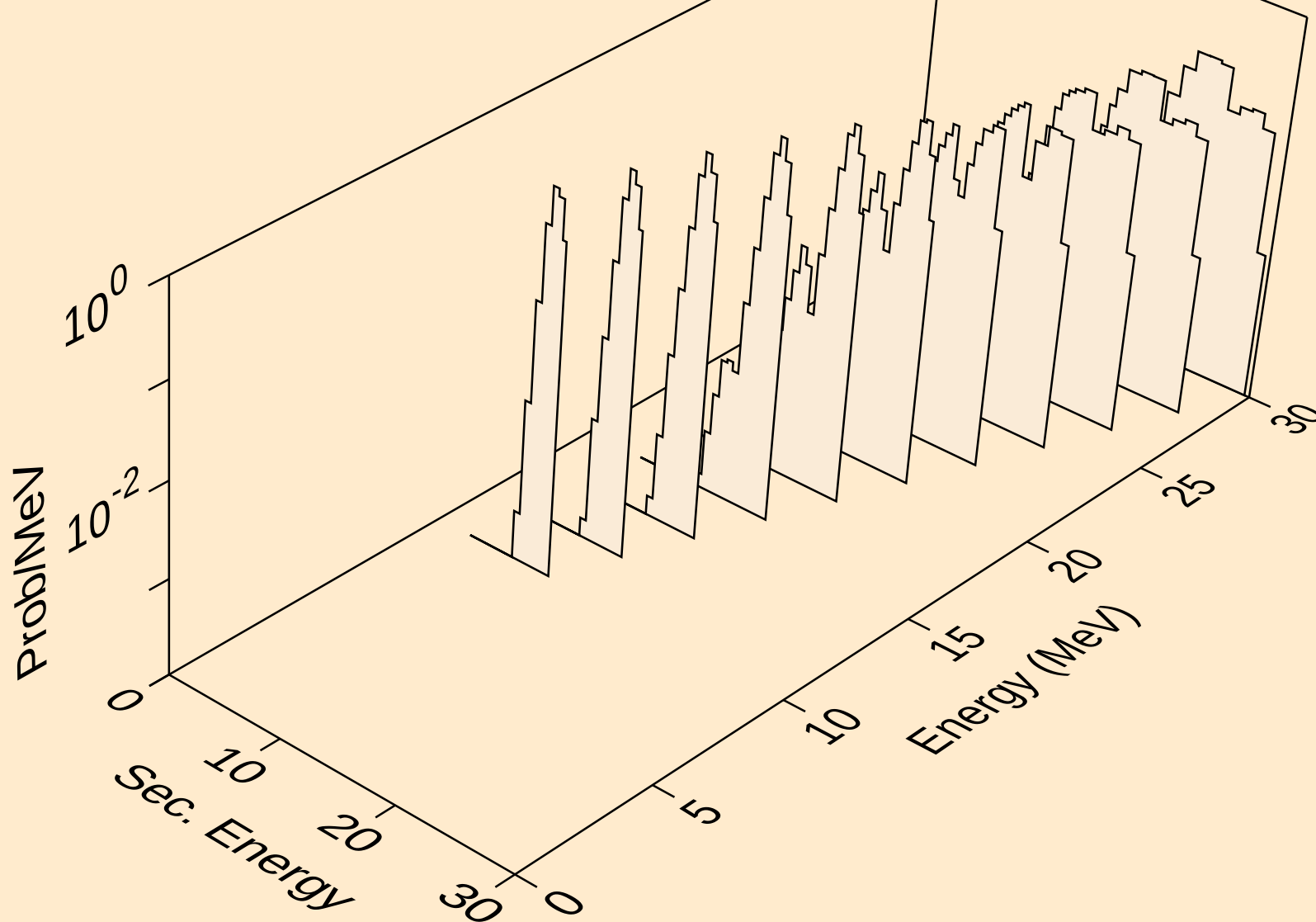


EU148 HELION ACER TENDL-2024 LIBRARY; T=0.K

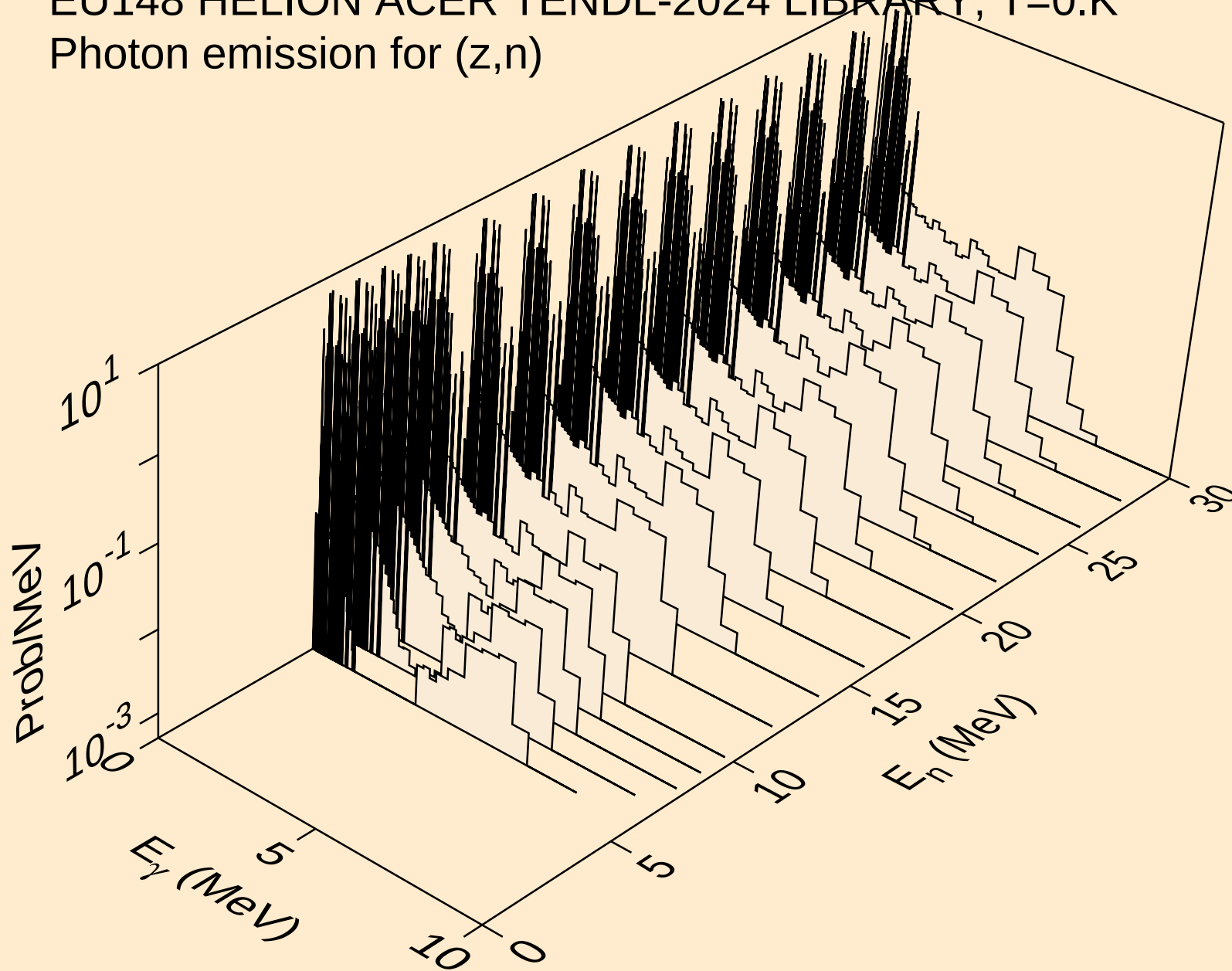
He-3 emission for (s,n\*)he3



EU148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for inelastic

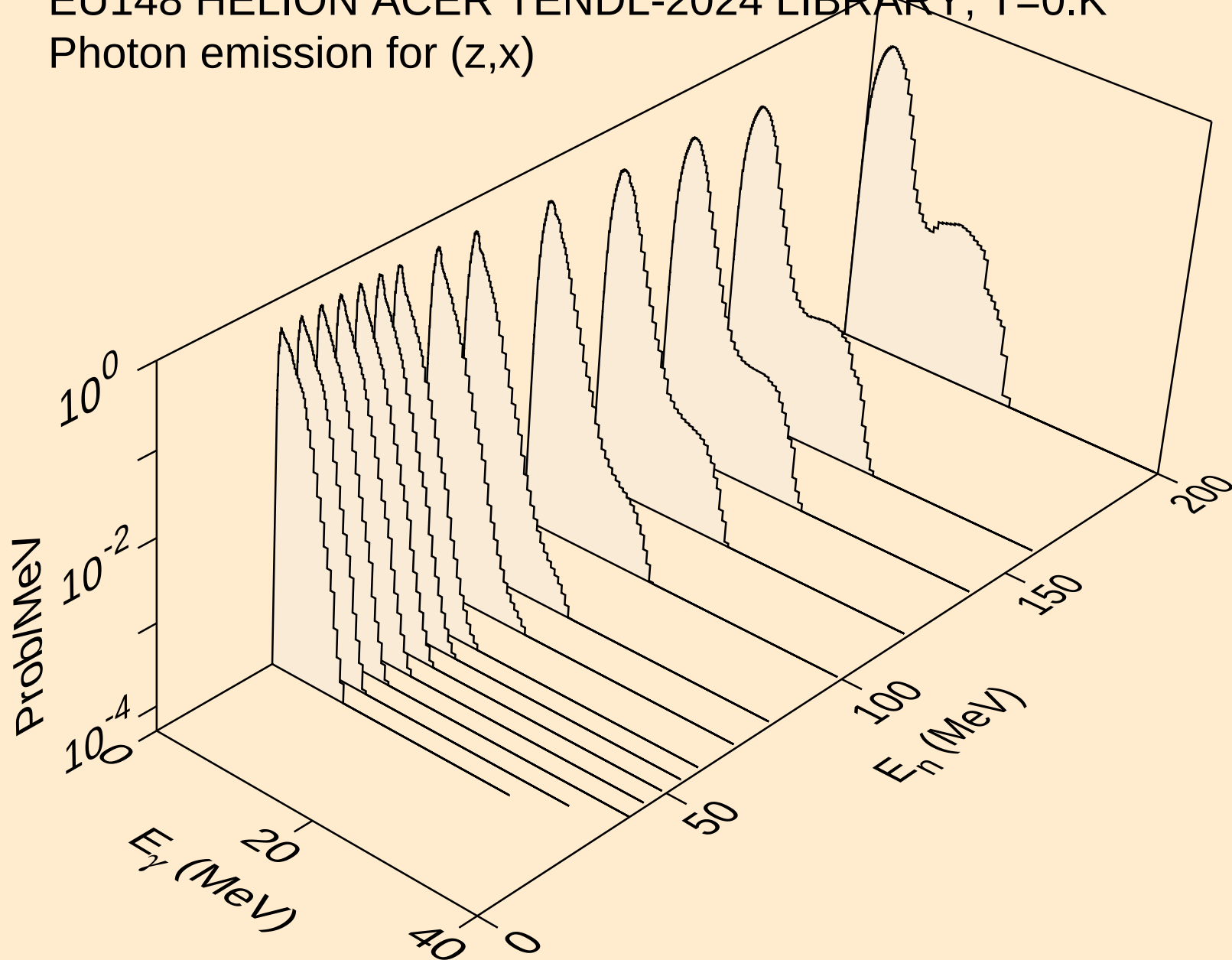


EU148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,n)

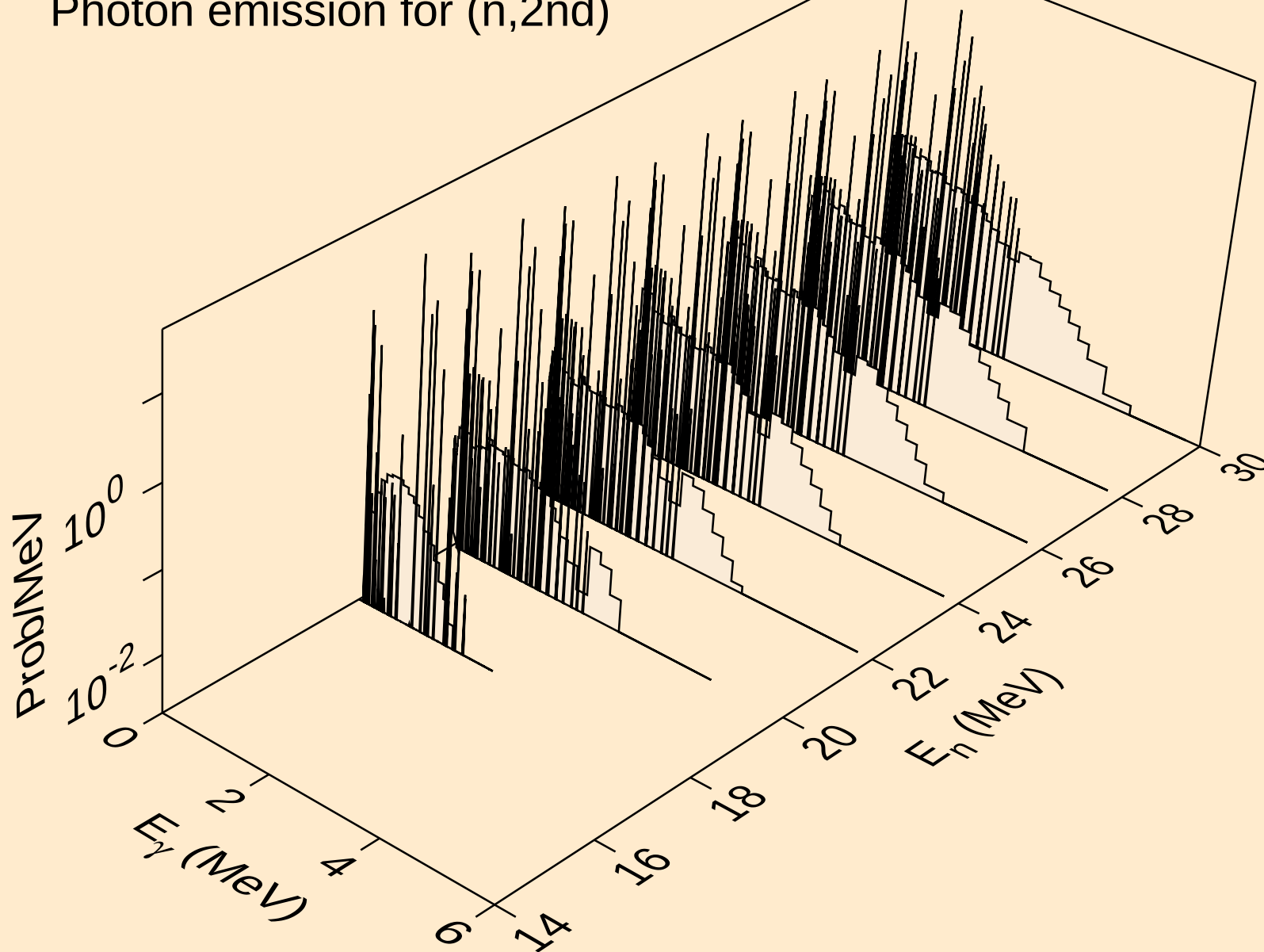


EU148 HELION ACER TENDL-2024 LIBRARY; T=0.K

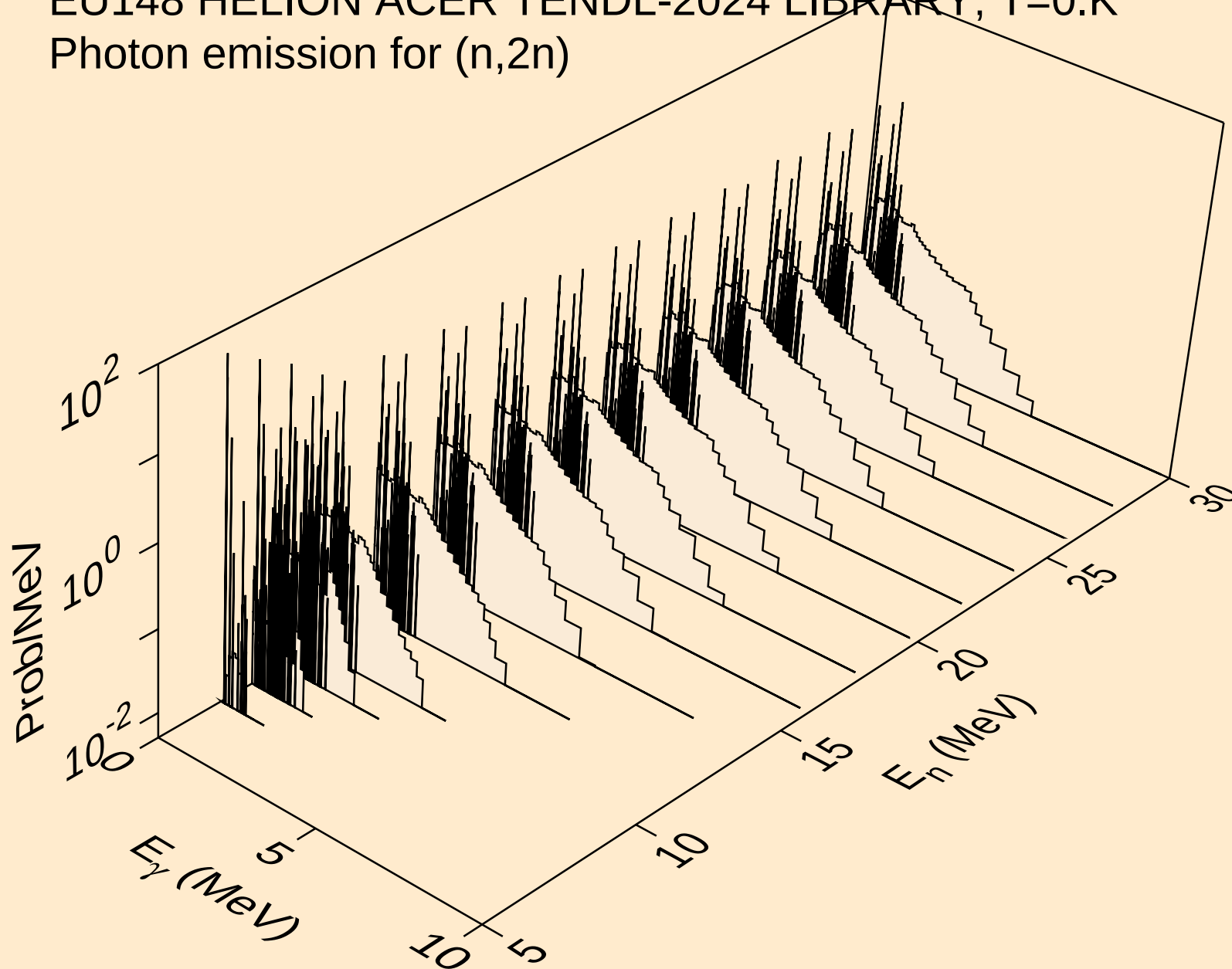
Photon emission for (z,x)



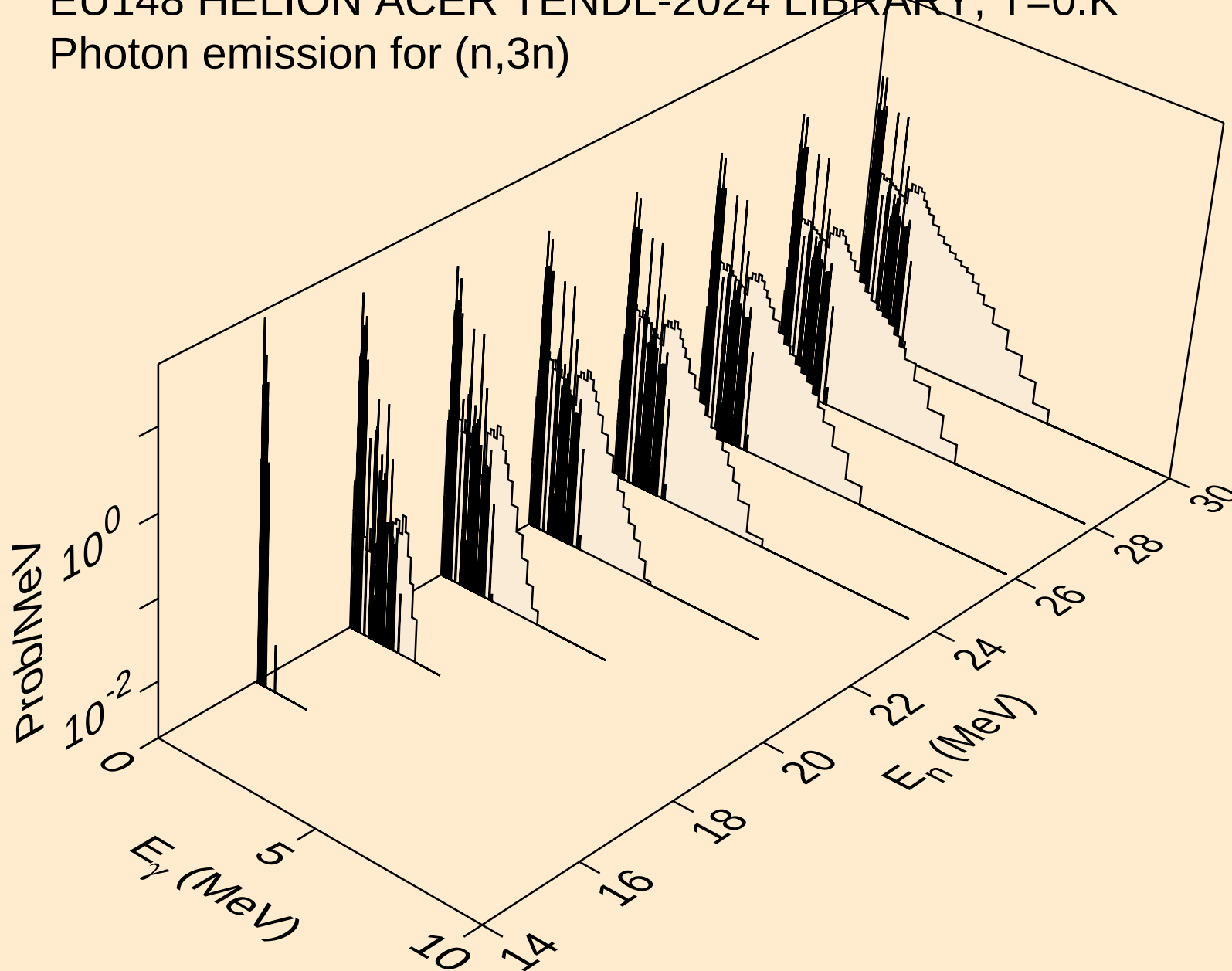
EU148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



EU148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)

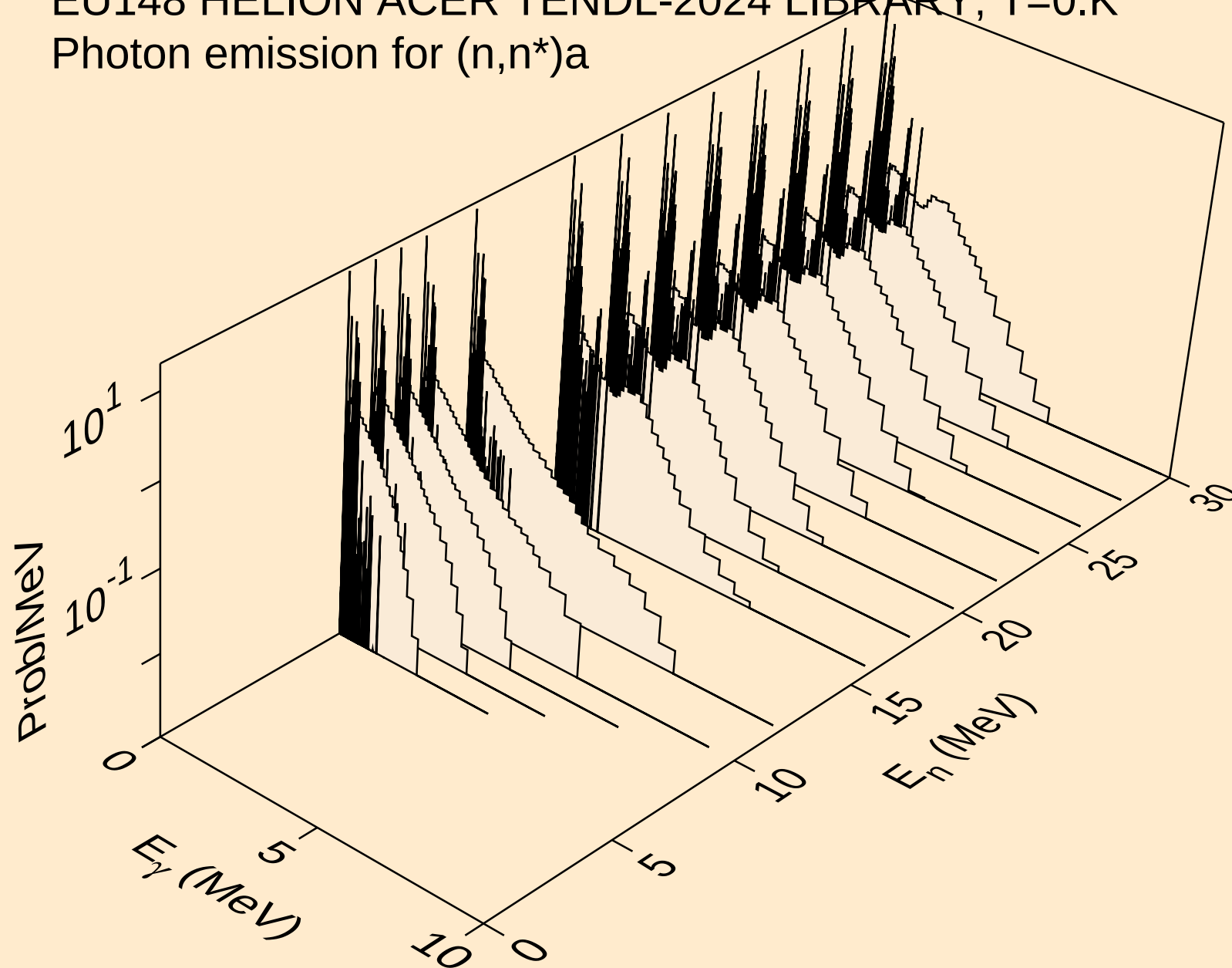


EU148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



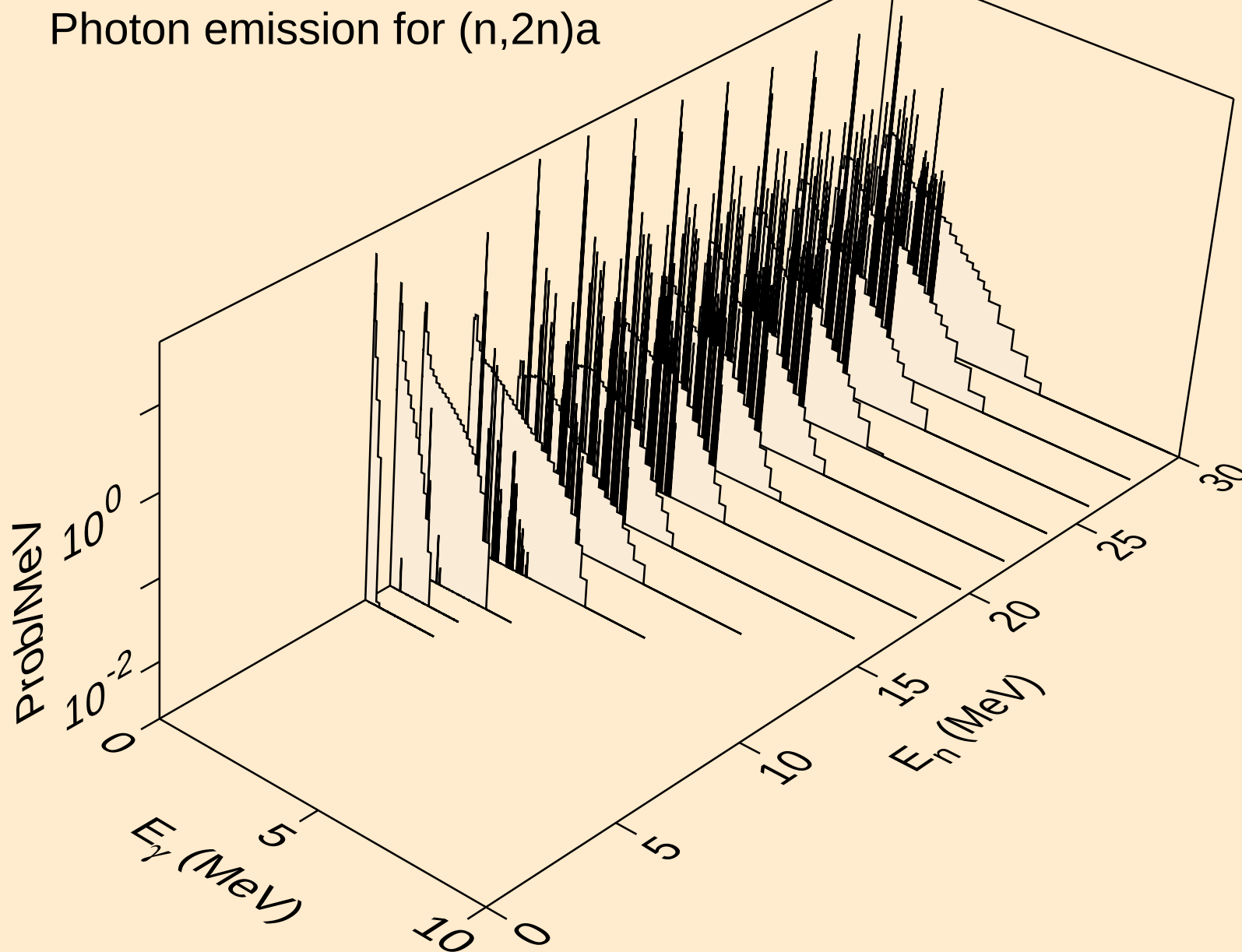
EU148 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)a



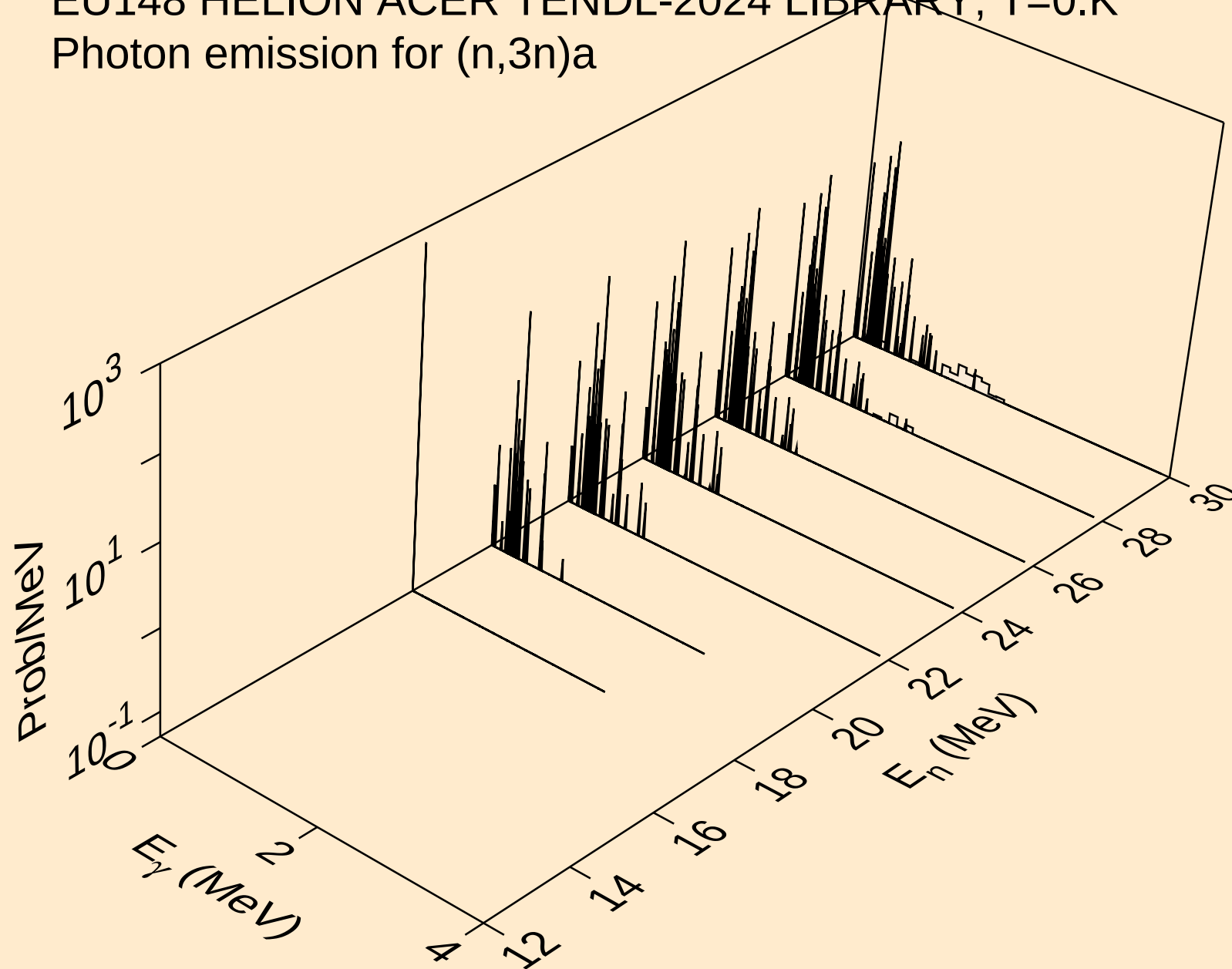
EU148 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,2n) $\alpha$



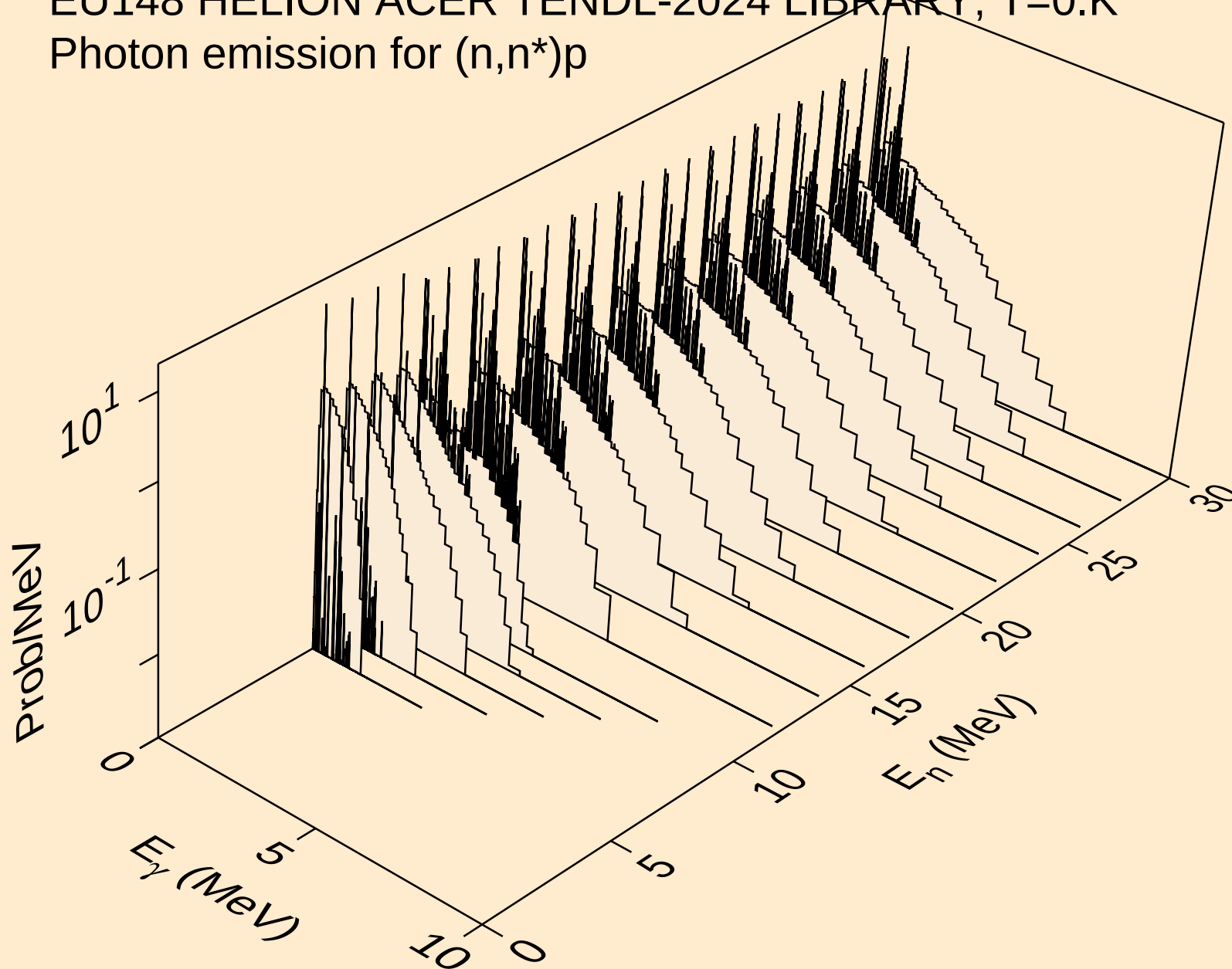
EU148 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,3n)a



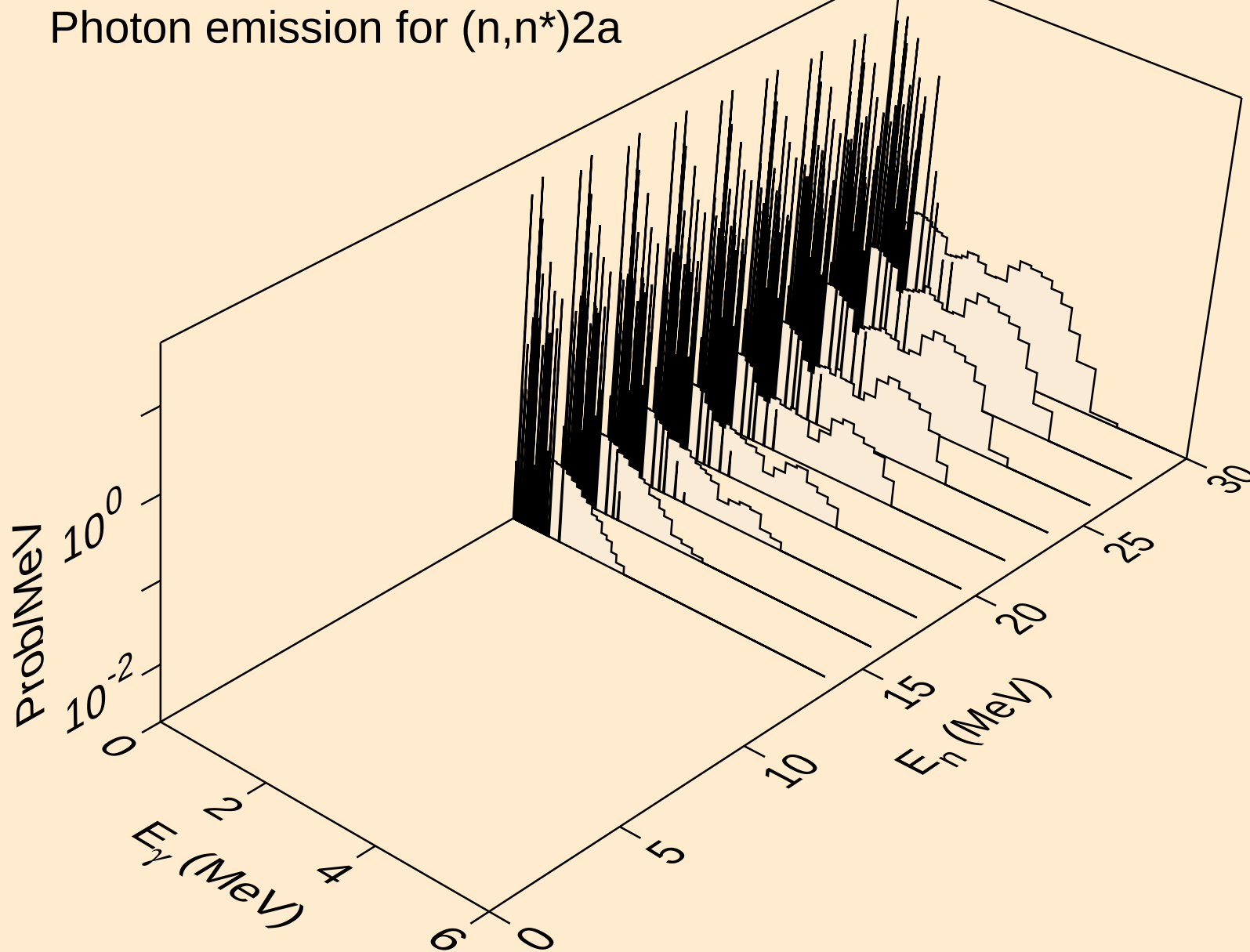
EU148 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)p



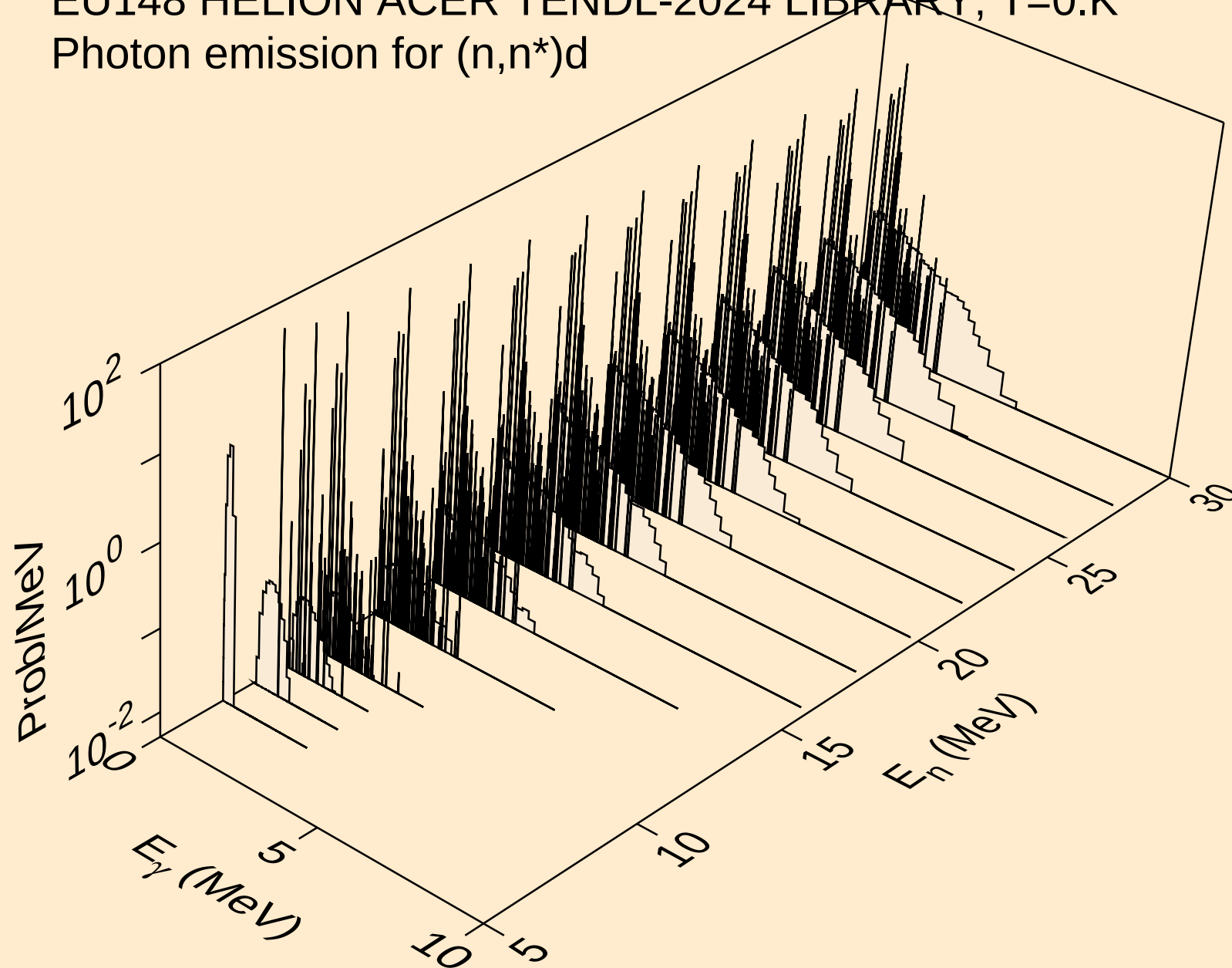
EU148 HELION ACER TENDL-2024 LIBRARY; T=0.K

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



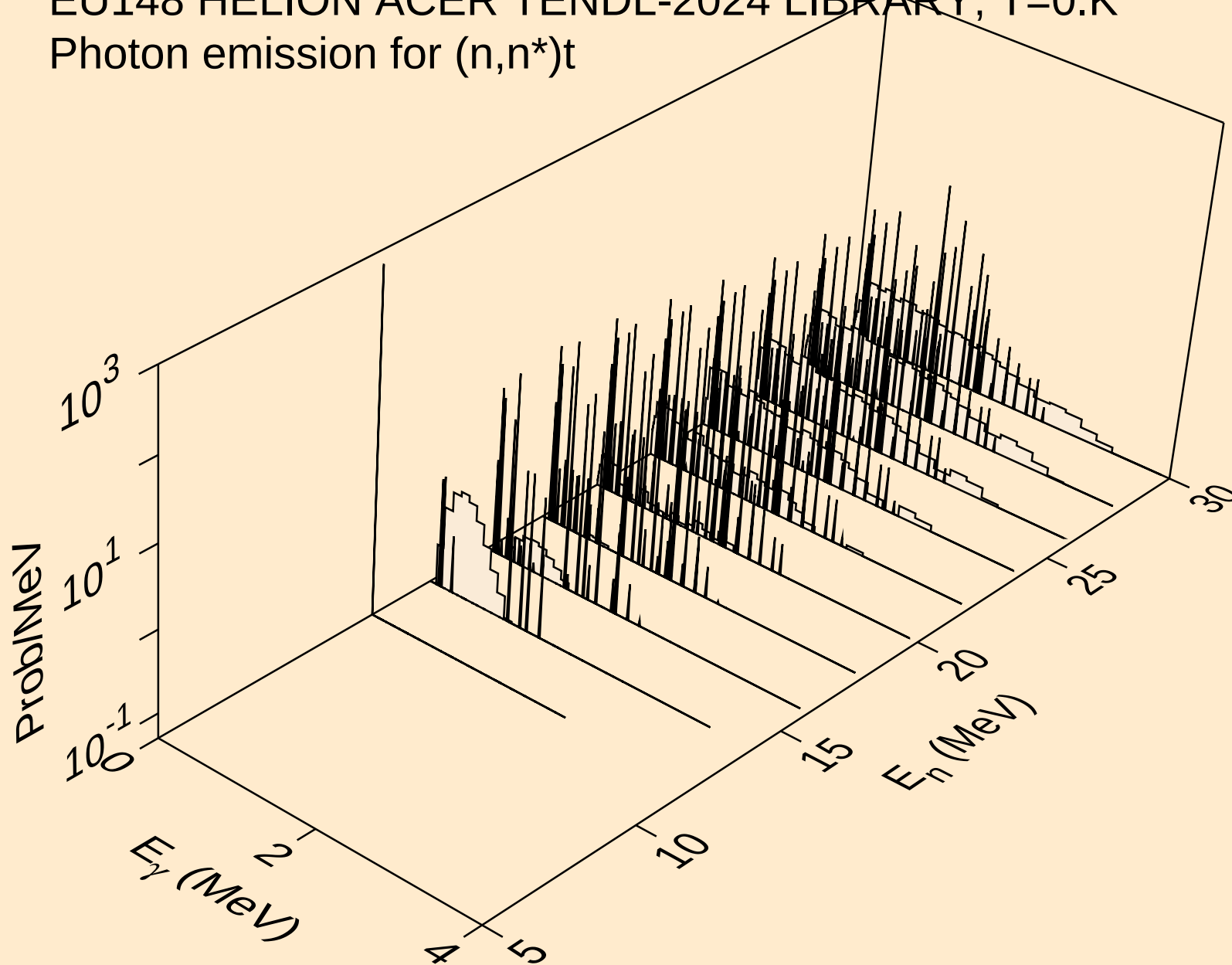
EU148 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)d



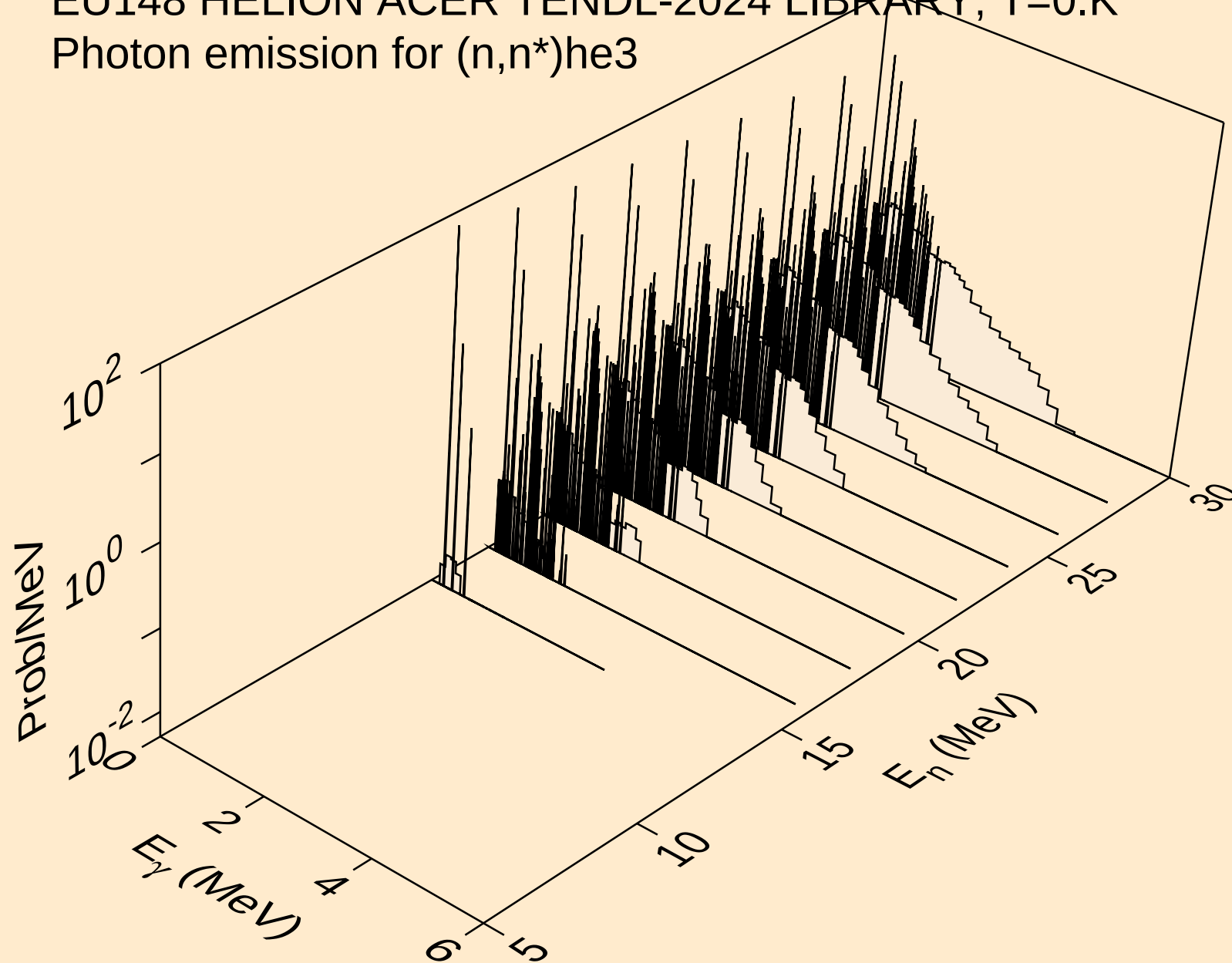
EU148 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)t

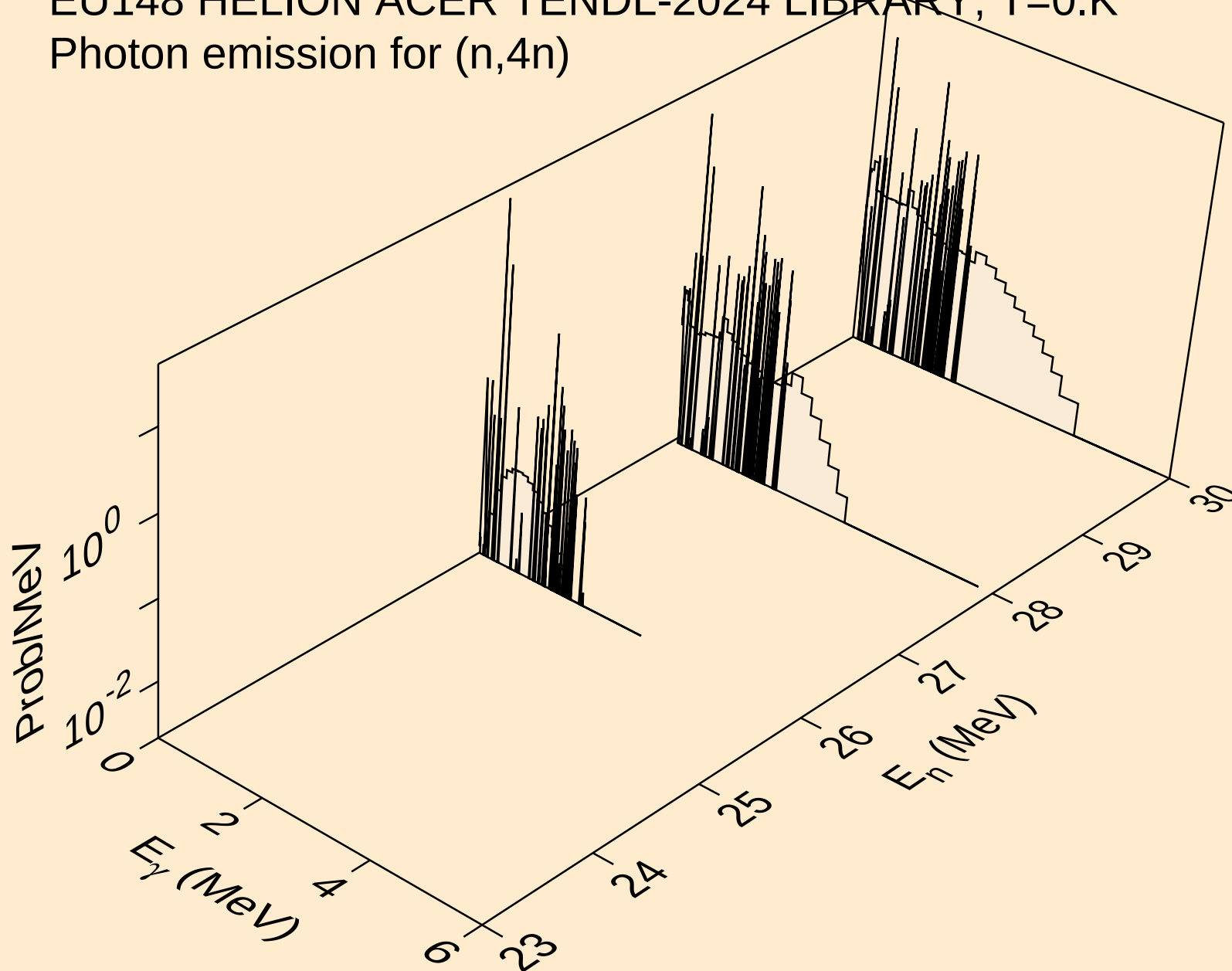


EU148 HELION ACER TENDL-2024 LIBRARY; T=0.K

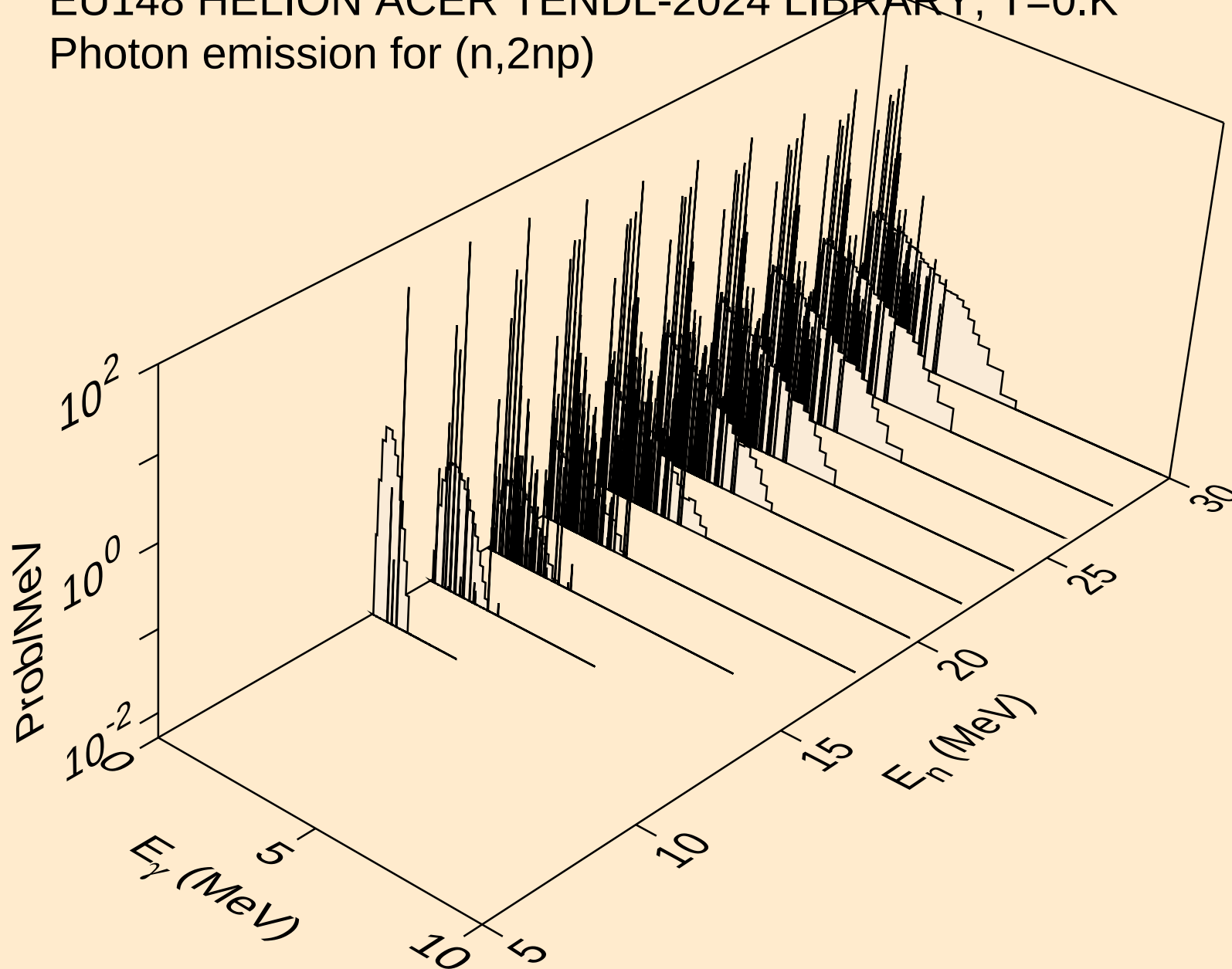
Photon emission for (n,n\*)he3



EU148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)

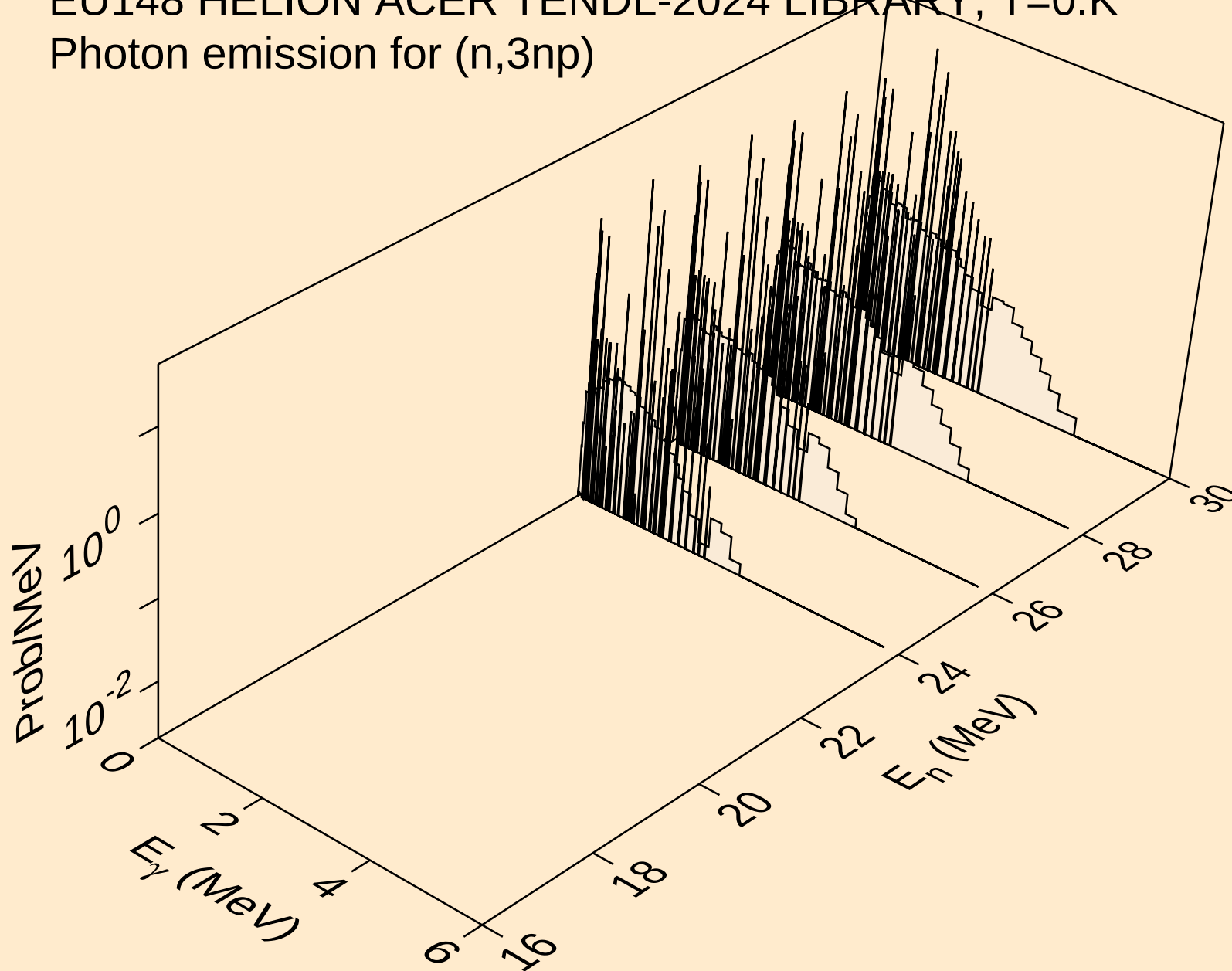


EU148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)

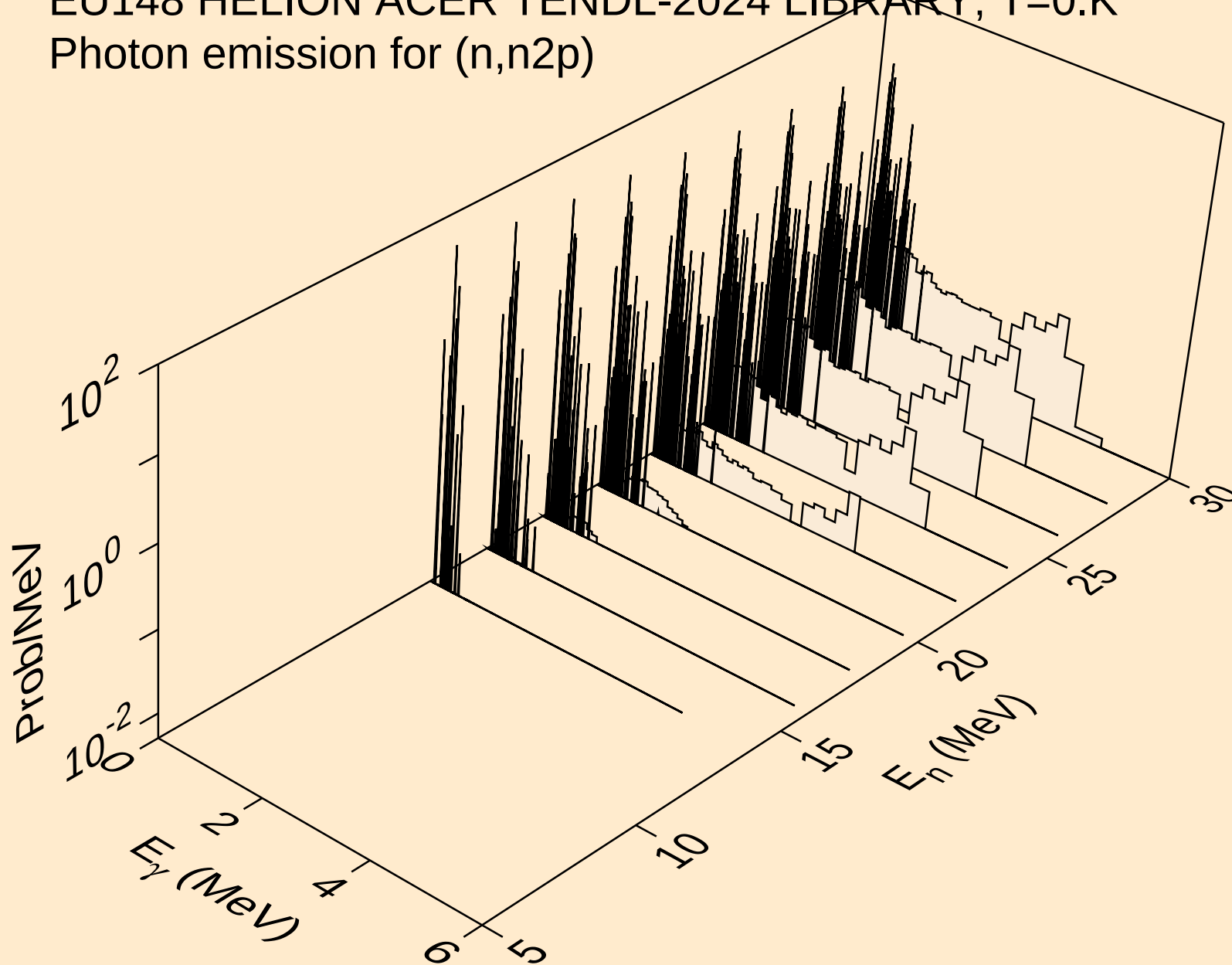


EU148 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,3np)

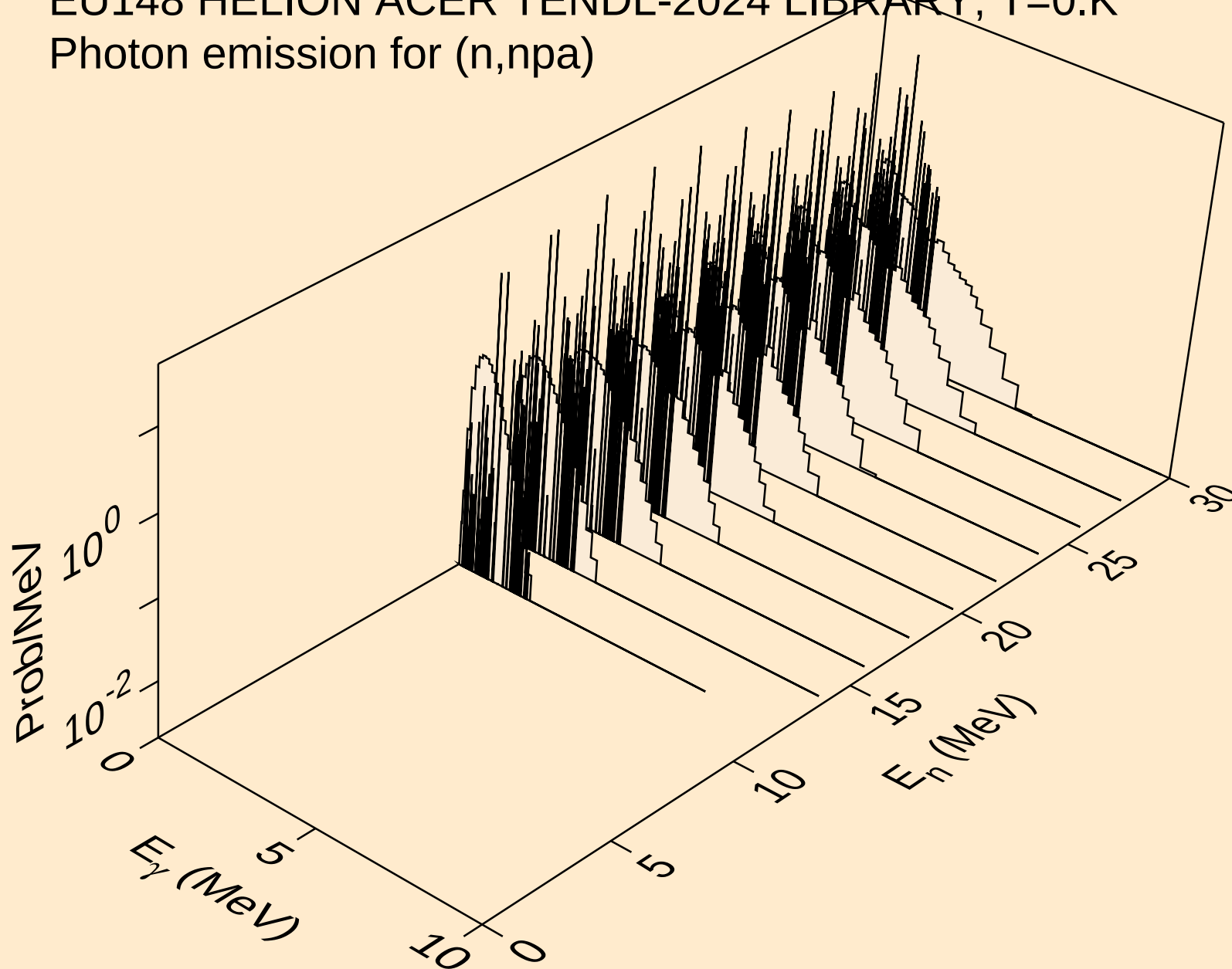


EU148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)

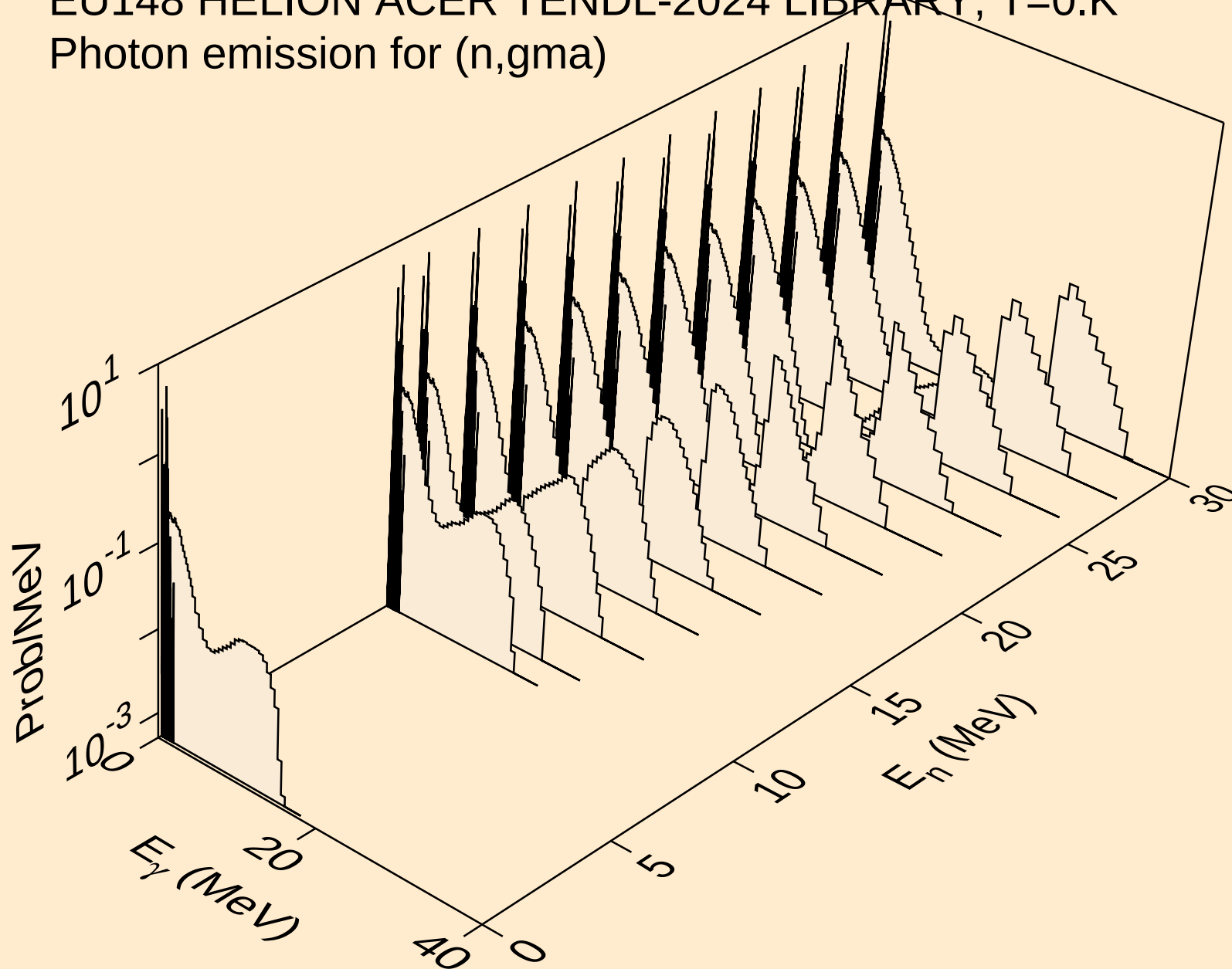


EU148 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,npa)

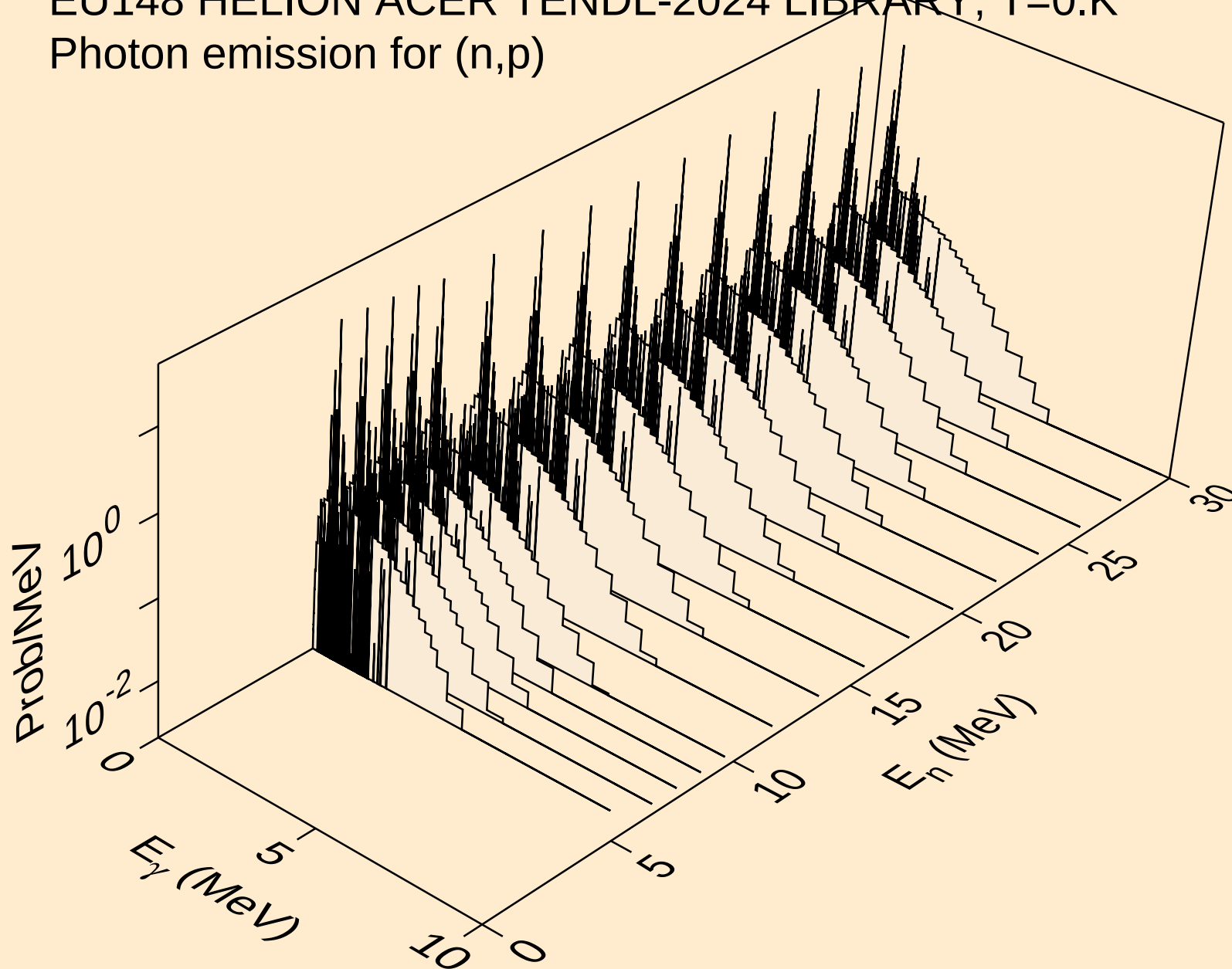


EU148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)

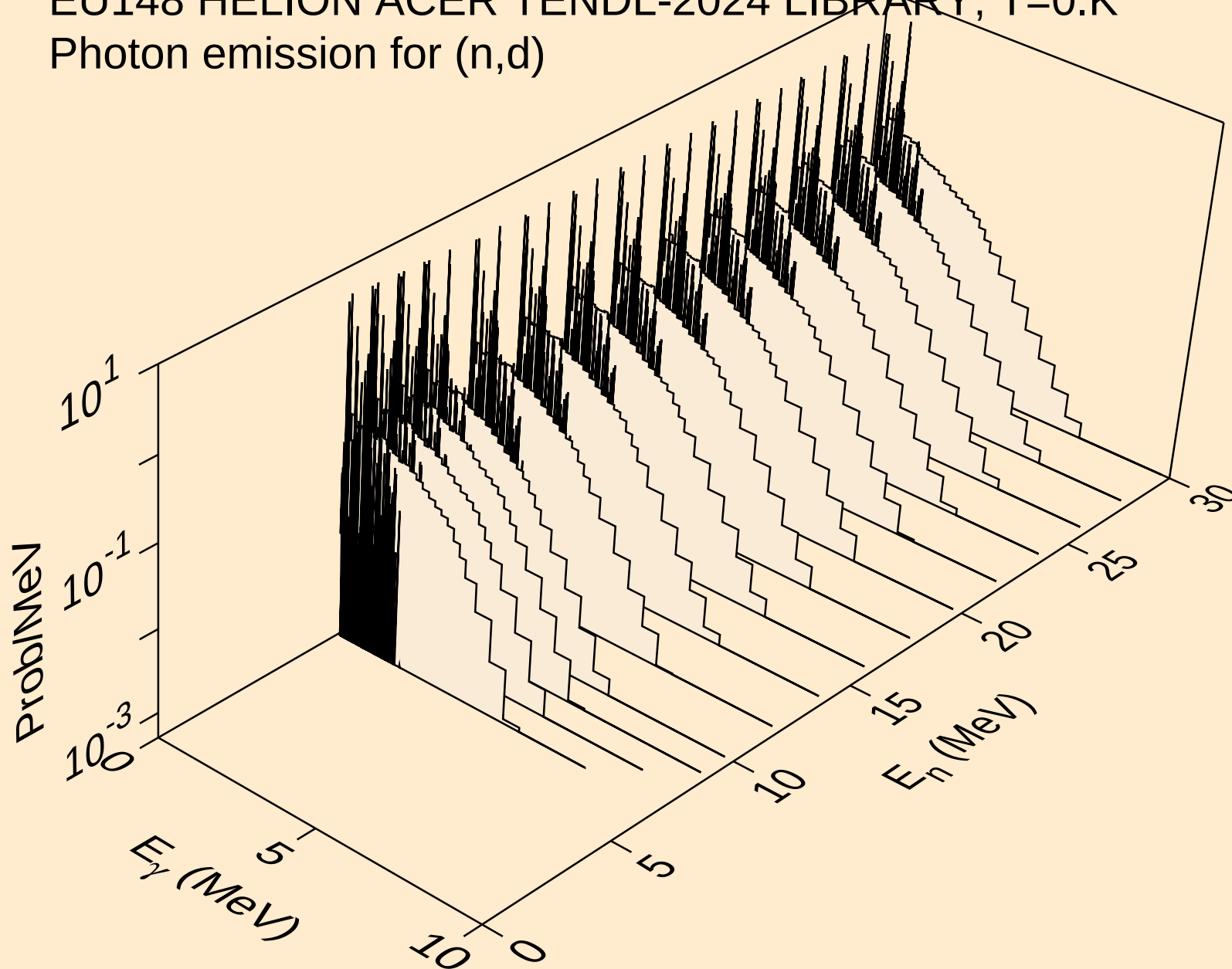


EU148 HELION ACER TENDL-2024 LIBRARY; T=0.K

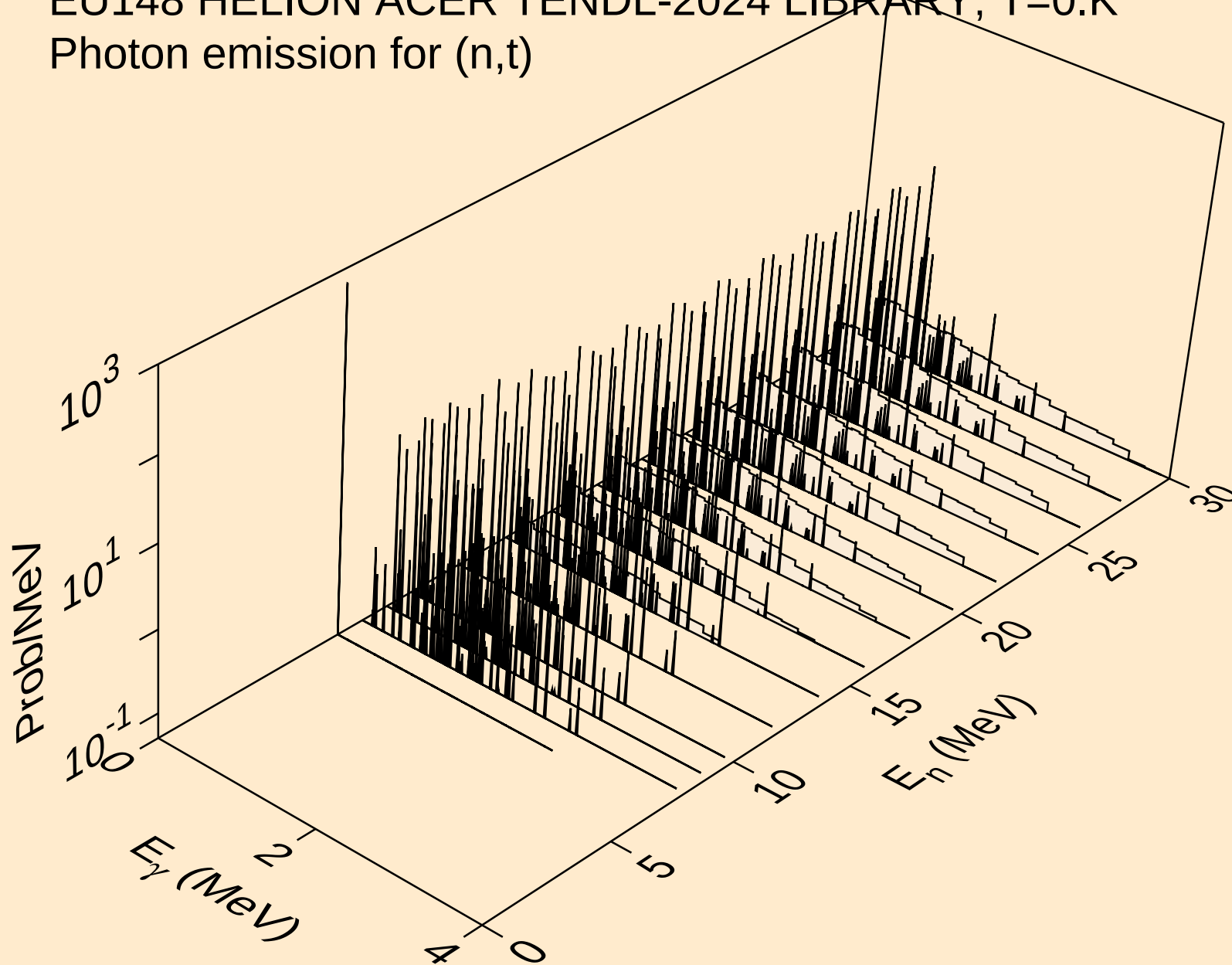
Photon emission for (n,p)



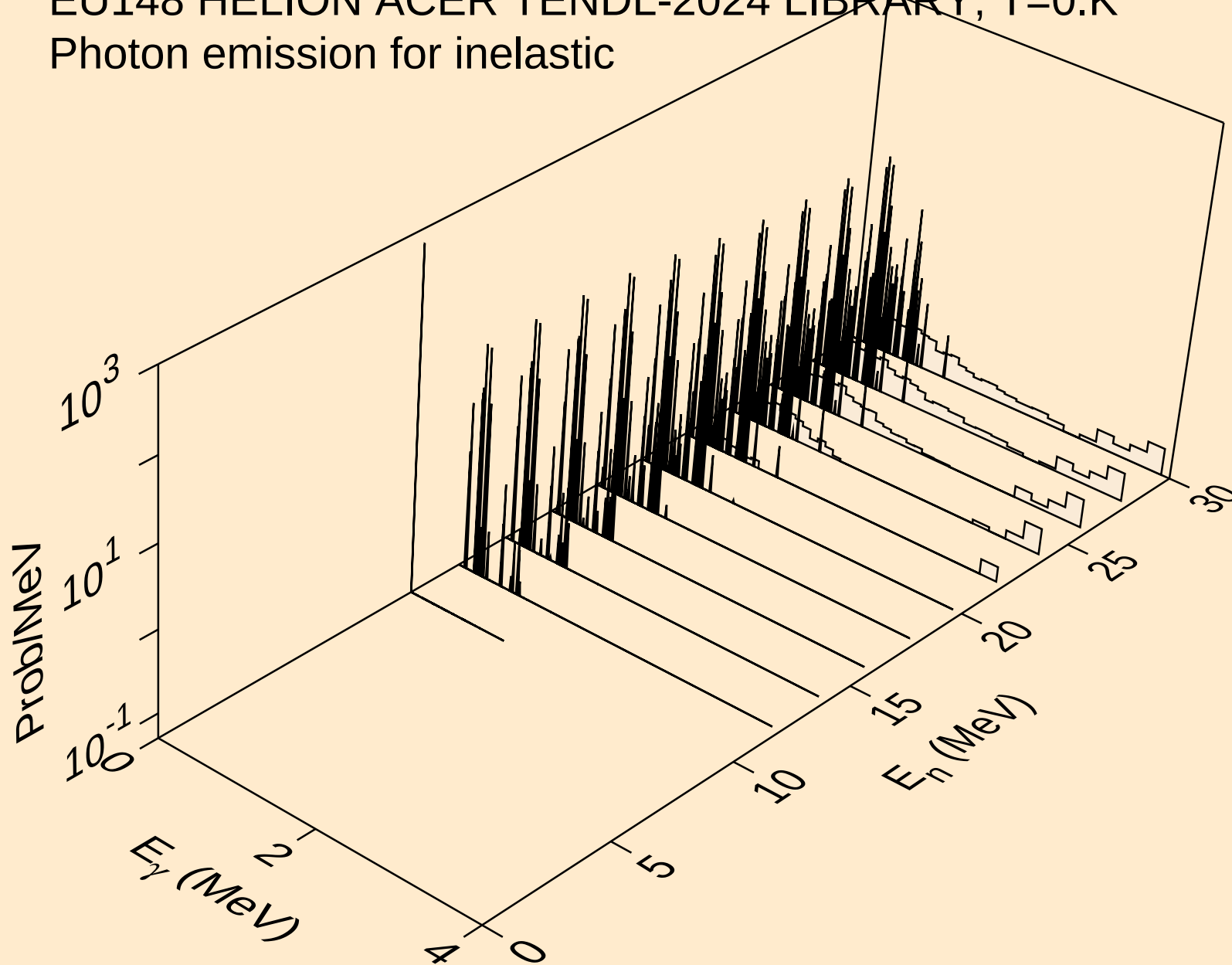
EU148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



EU148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)

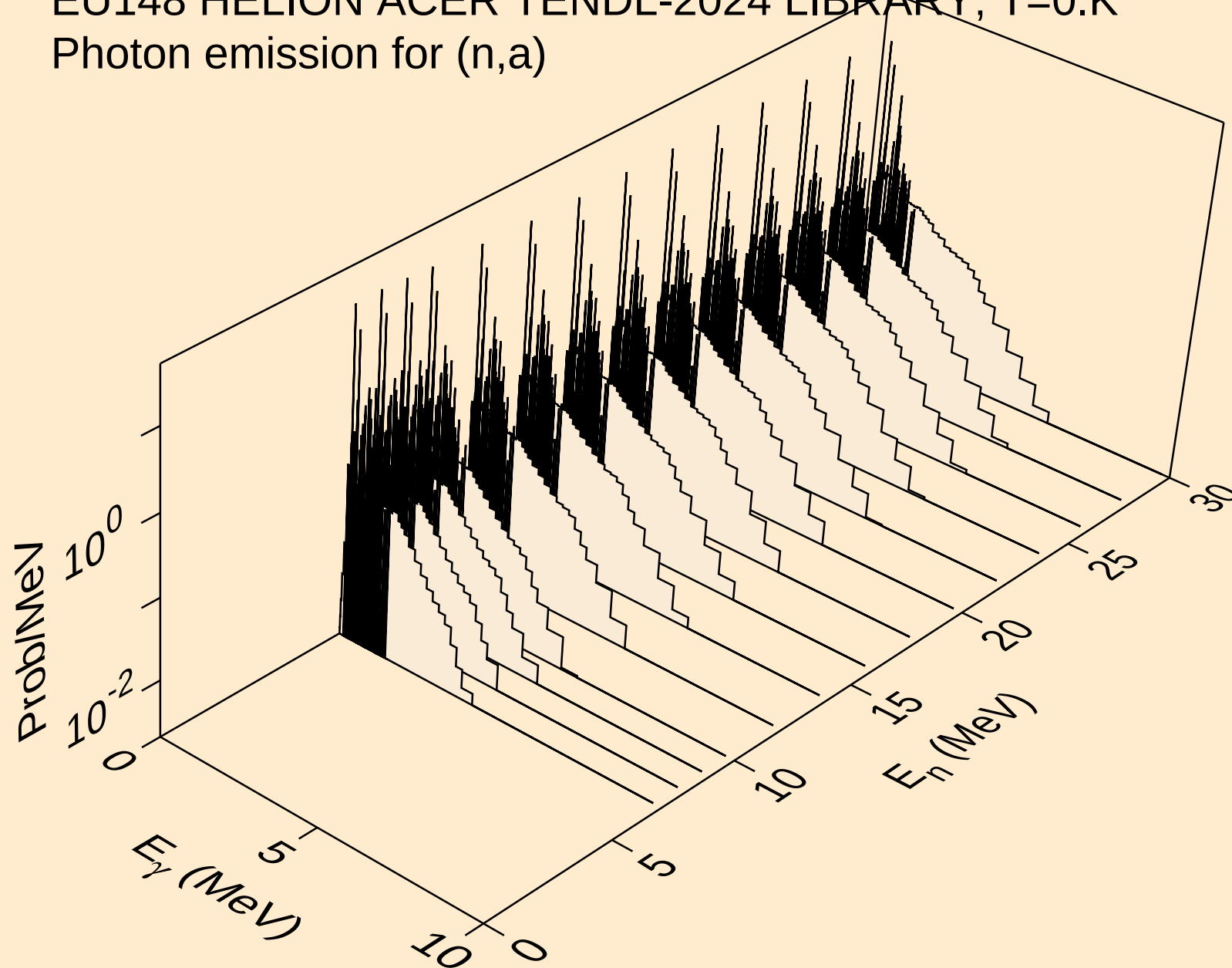


EU148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic

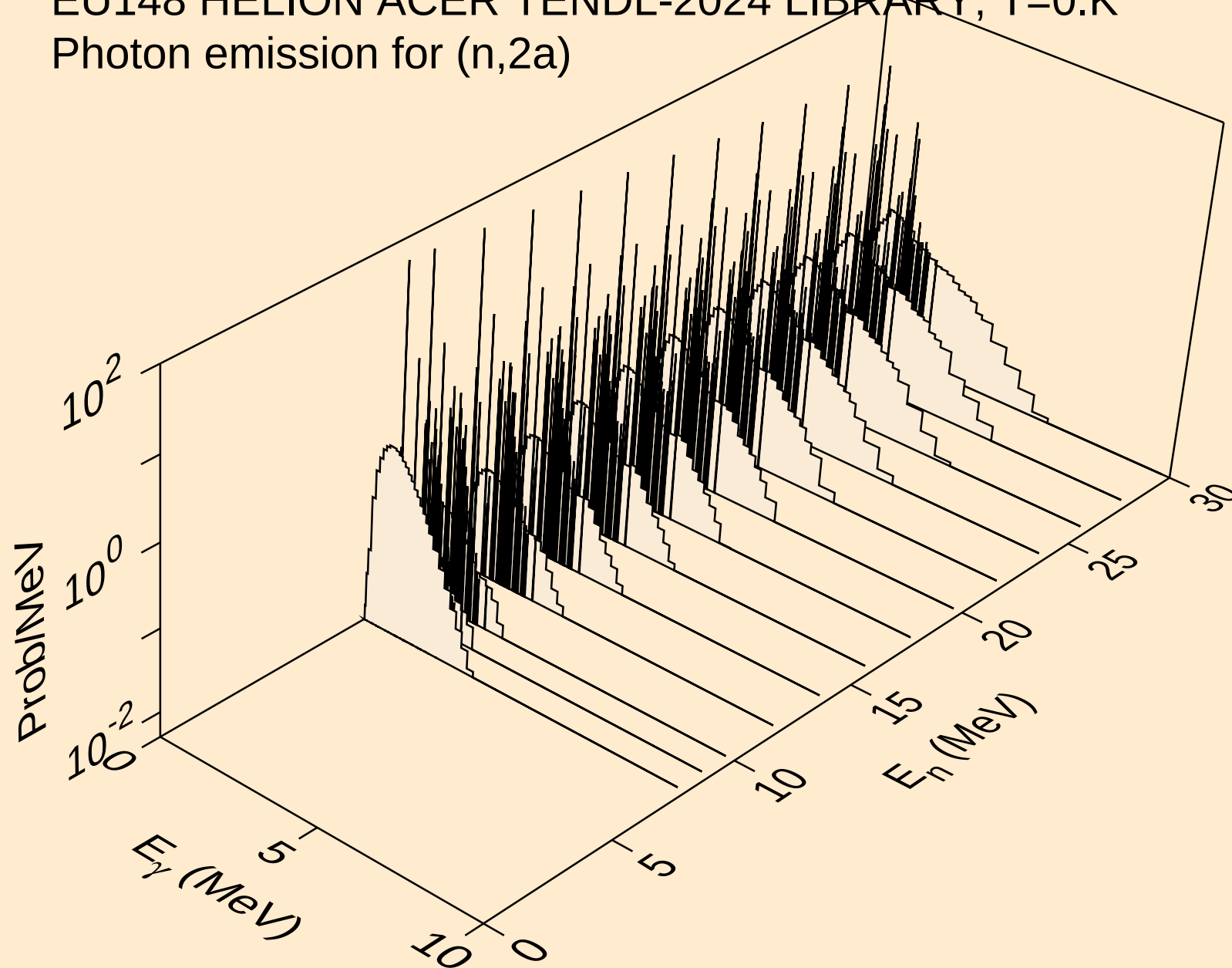


EU148 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,a)

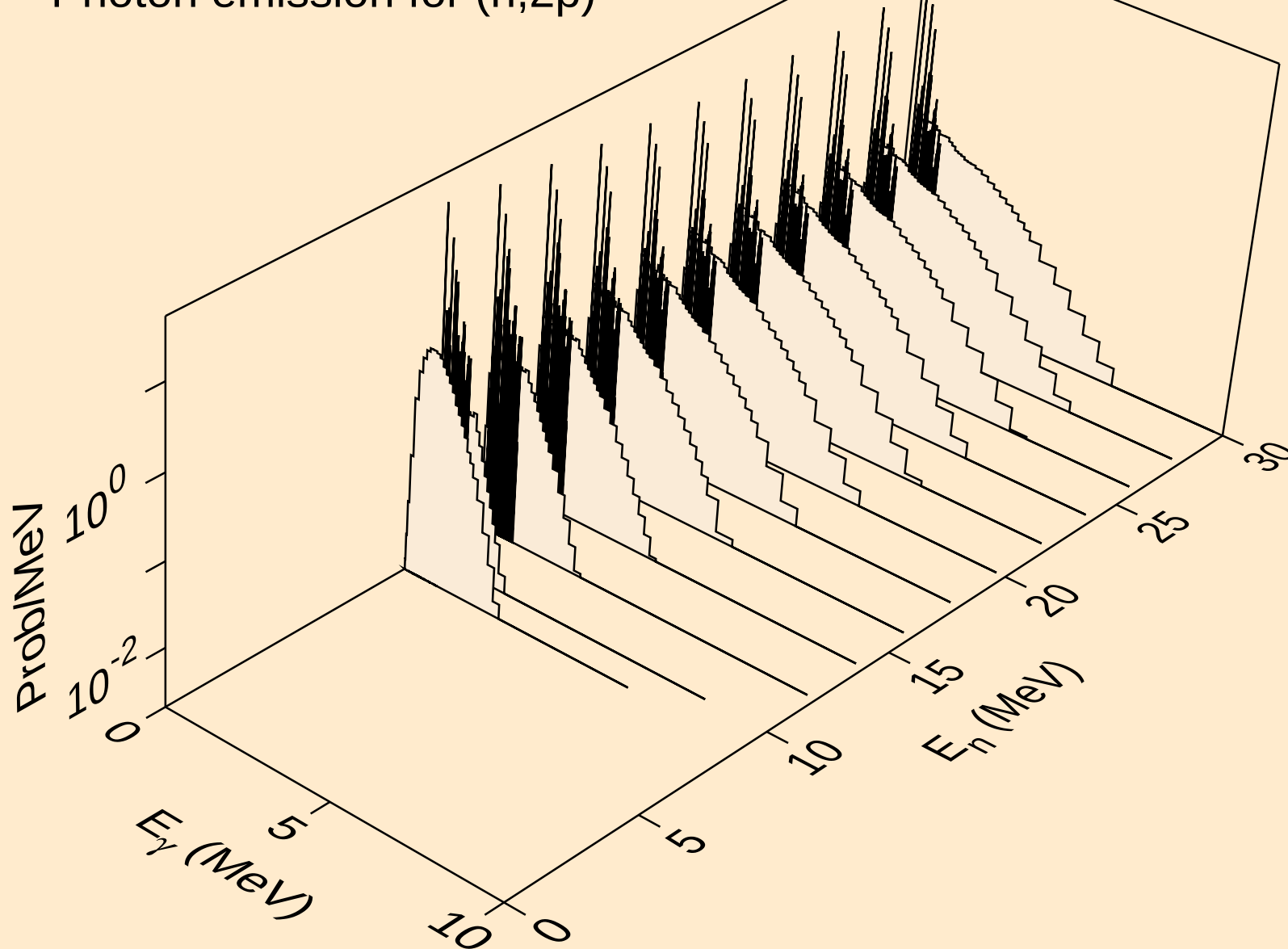


EU148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)

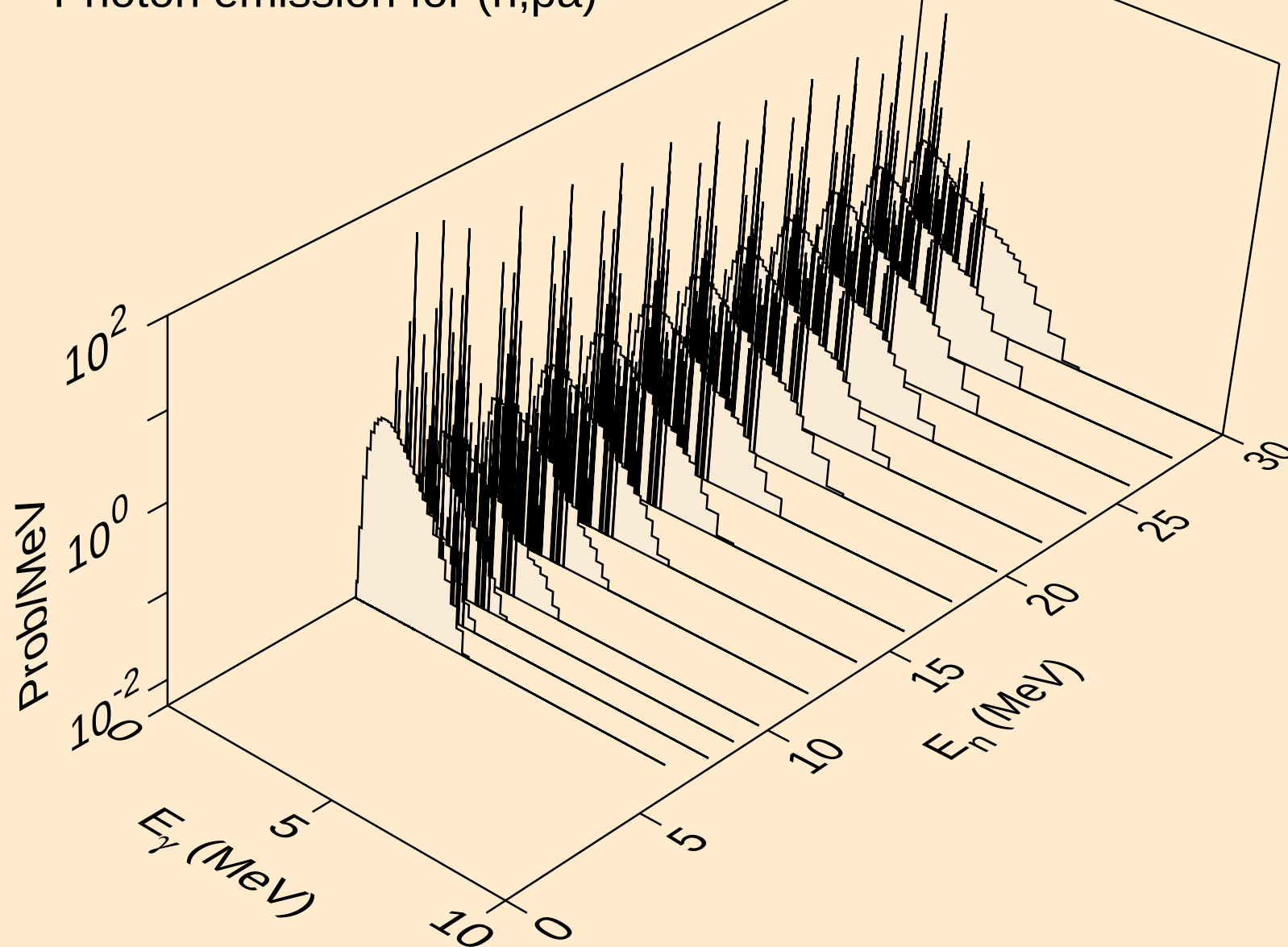


EU148 HELION ACER TENDL-2024 LIBRARY; T=0.K

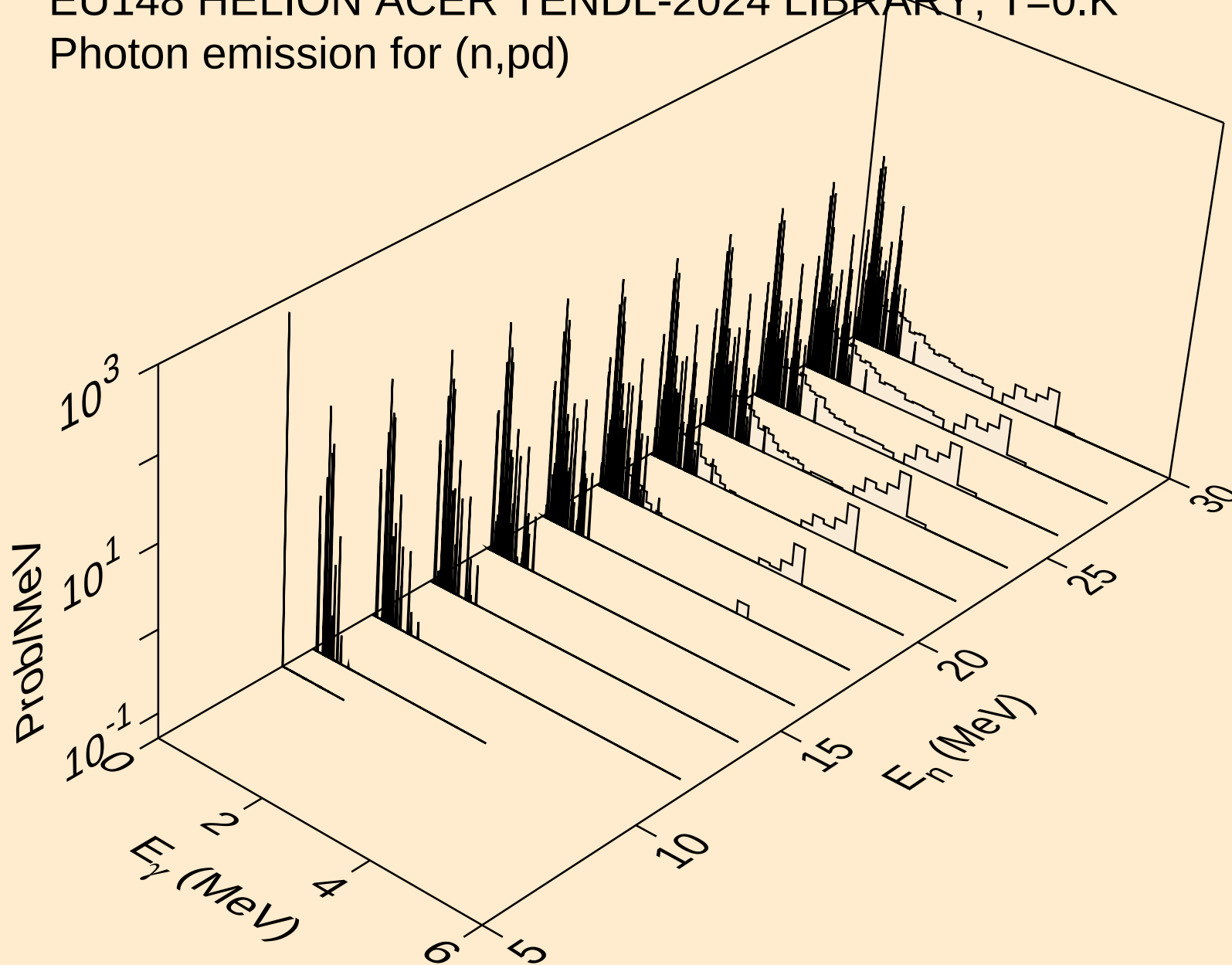
Photon emission for (n,2p)



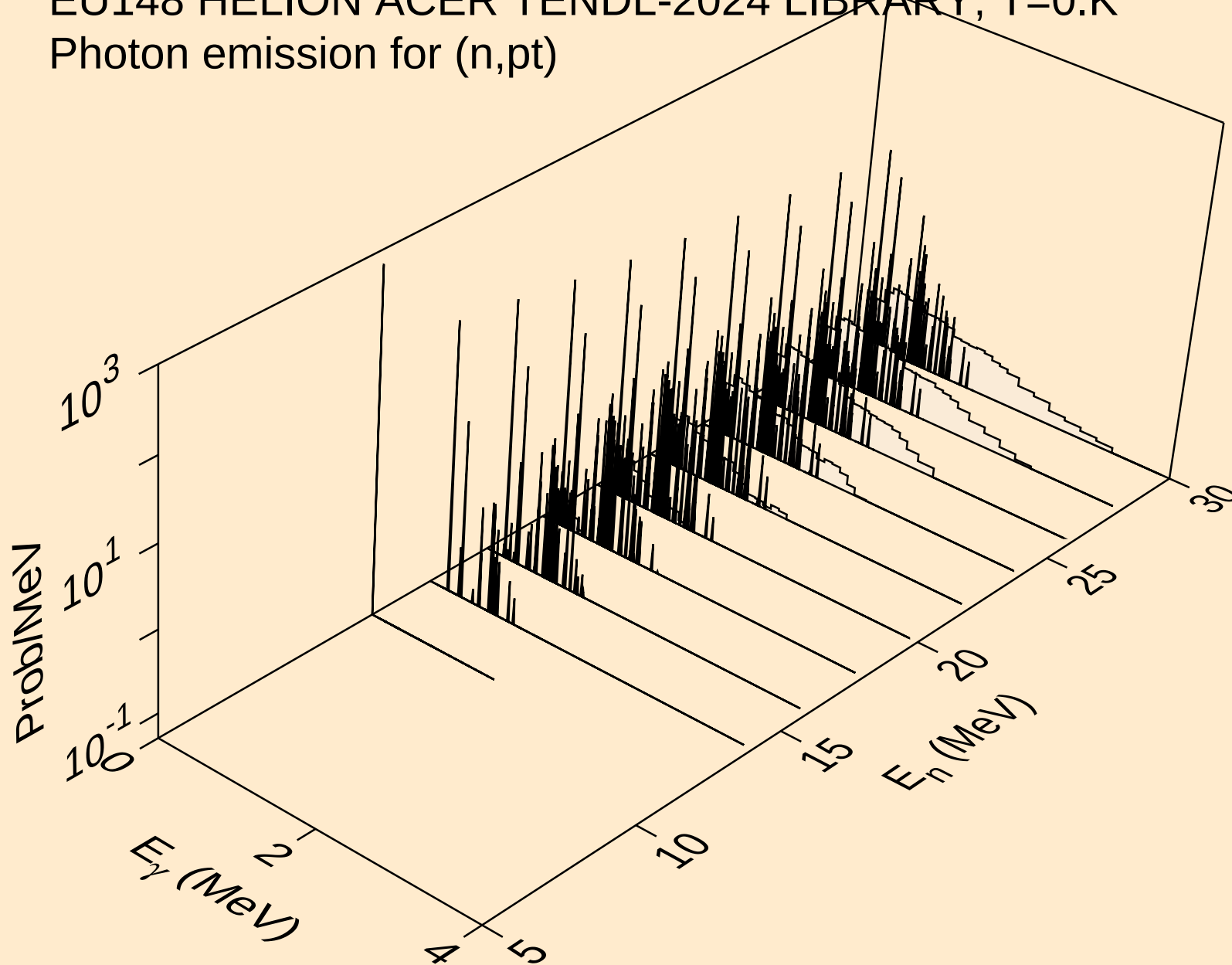
EU148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



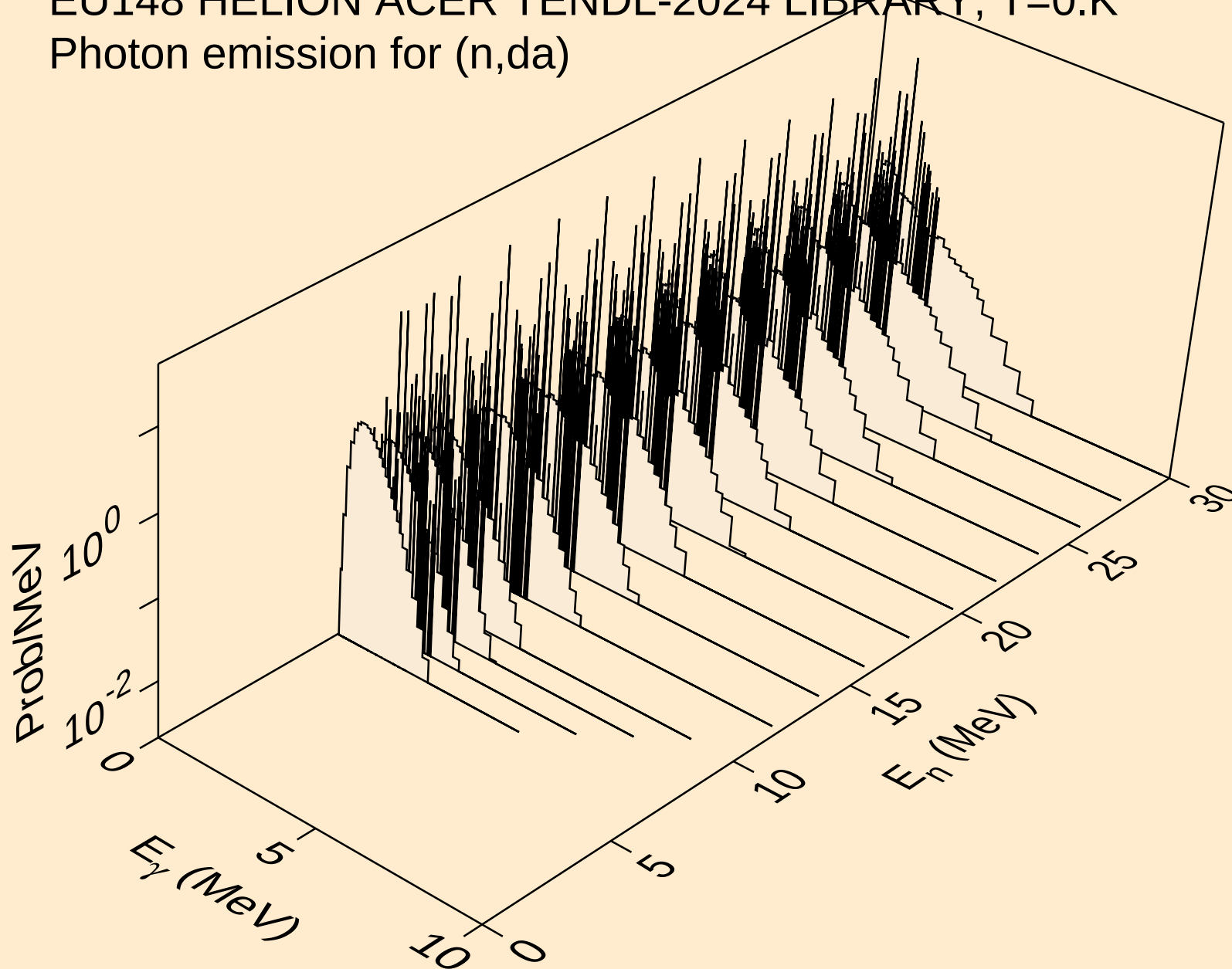
EU148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



EU148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)

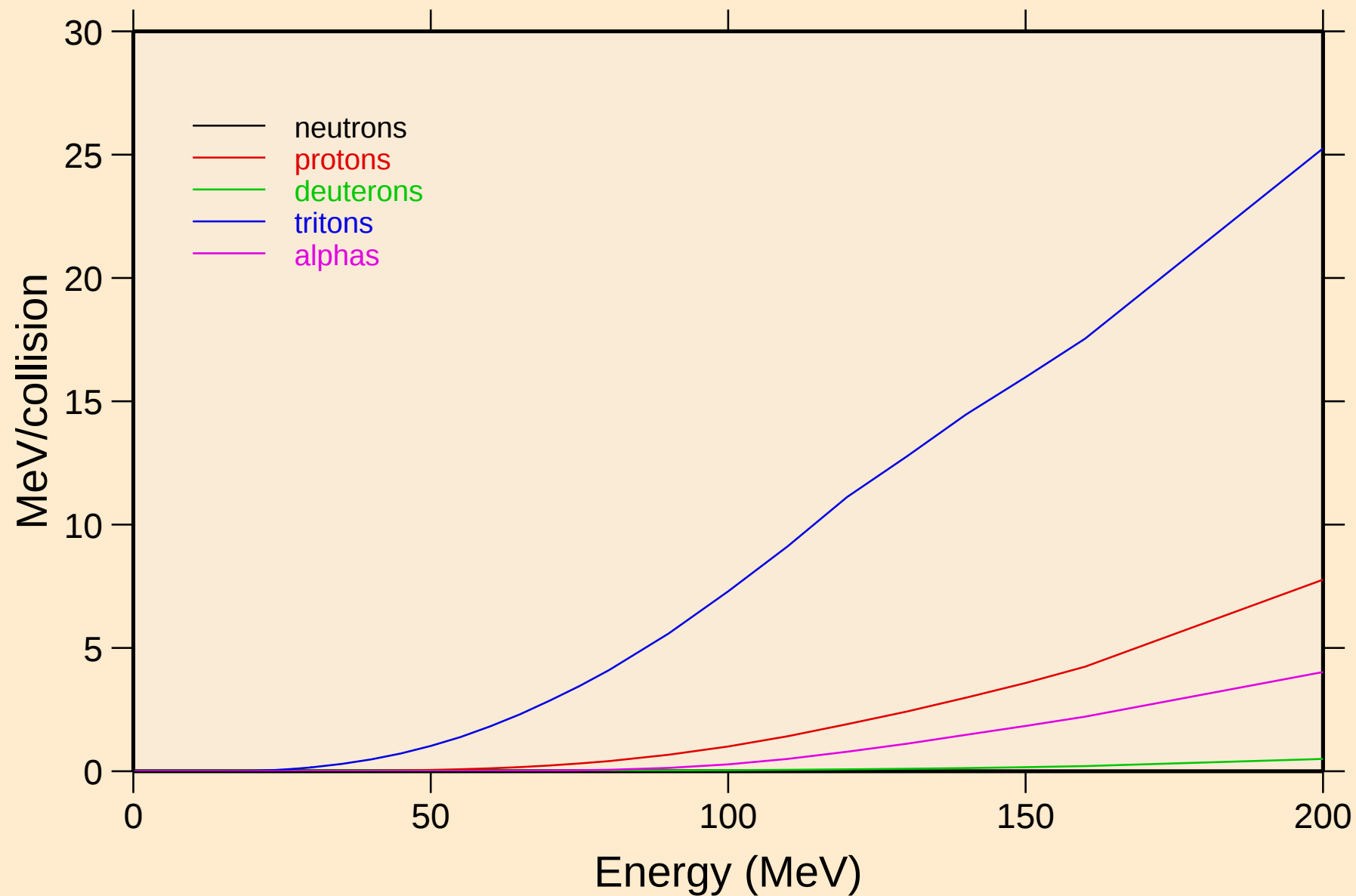


EU148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



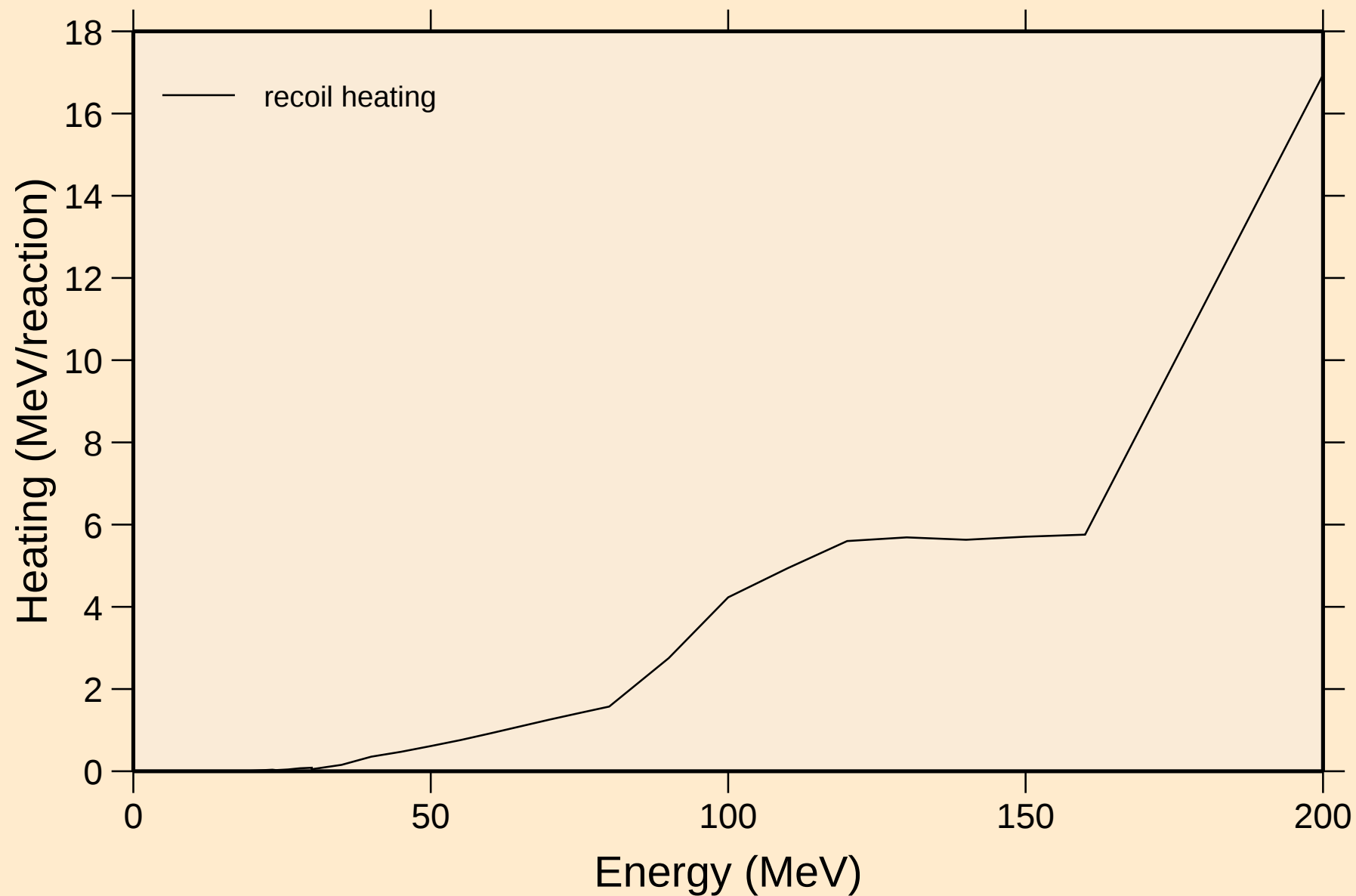
# EU148 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions



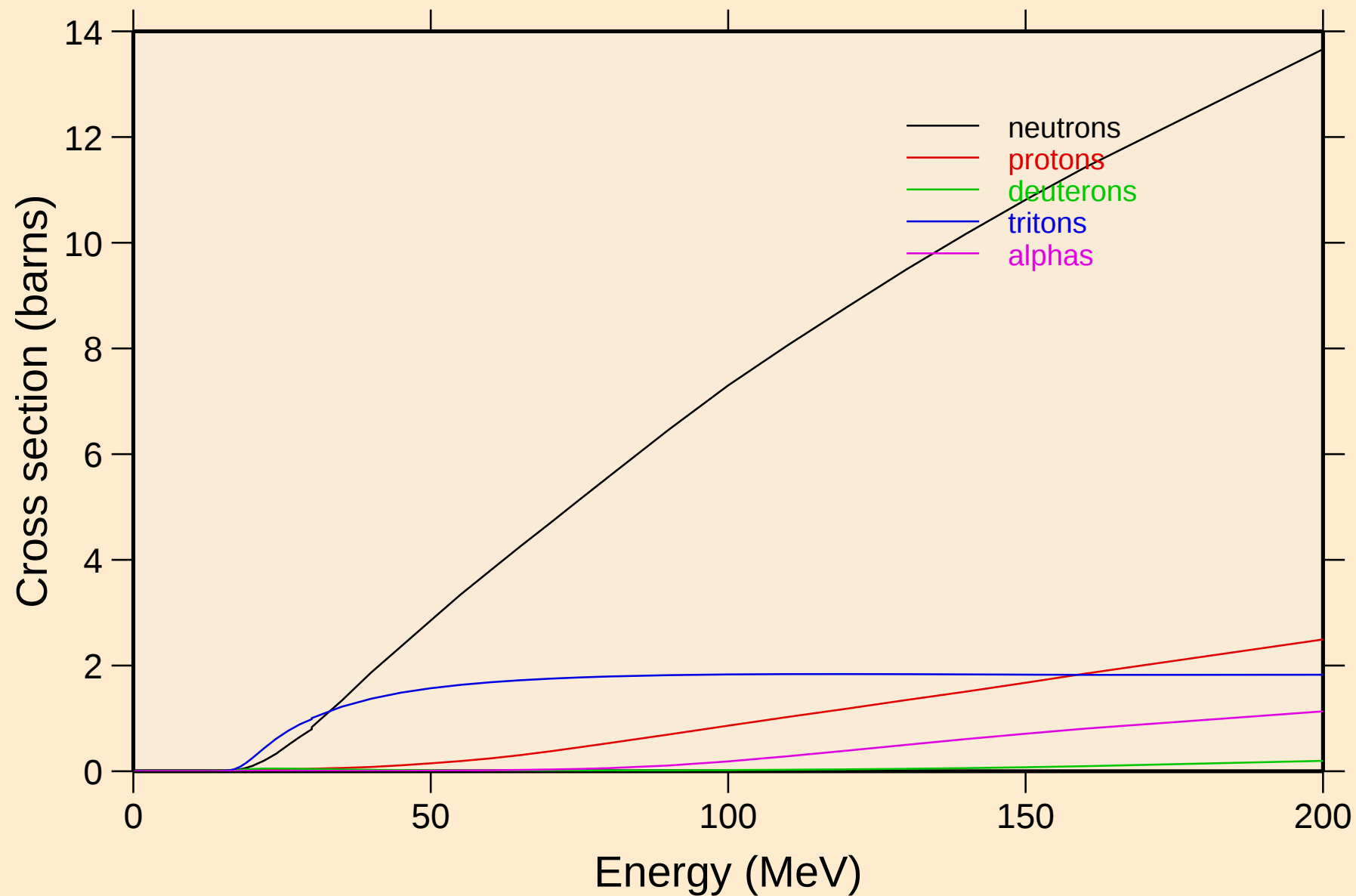
EU148 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Recoil Heating

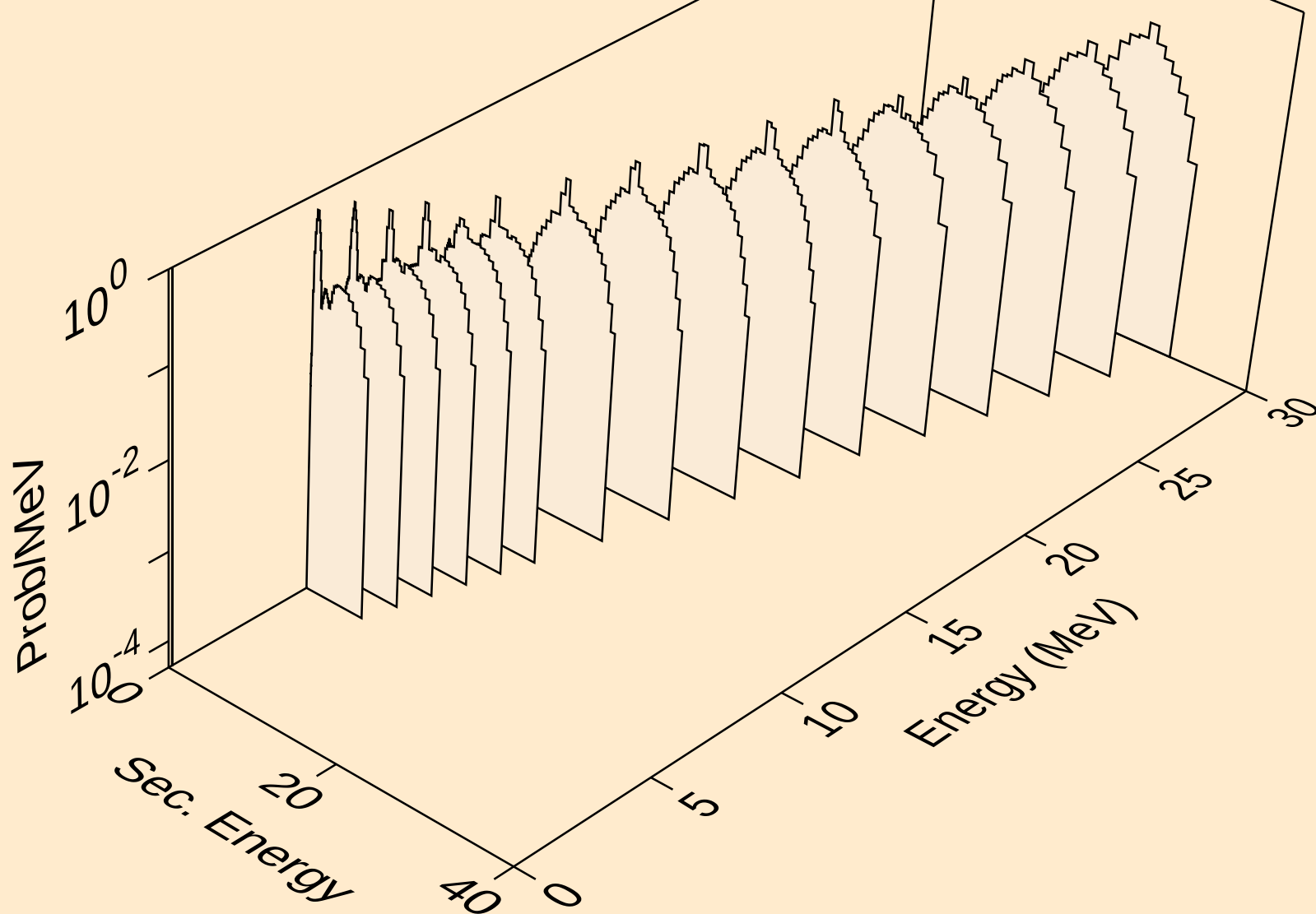


# EU148 HELION ACER TENDL-2024 LIBRARY; T=0.K

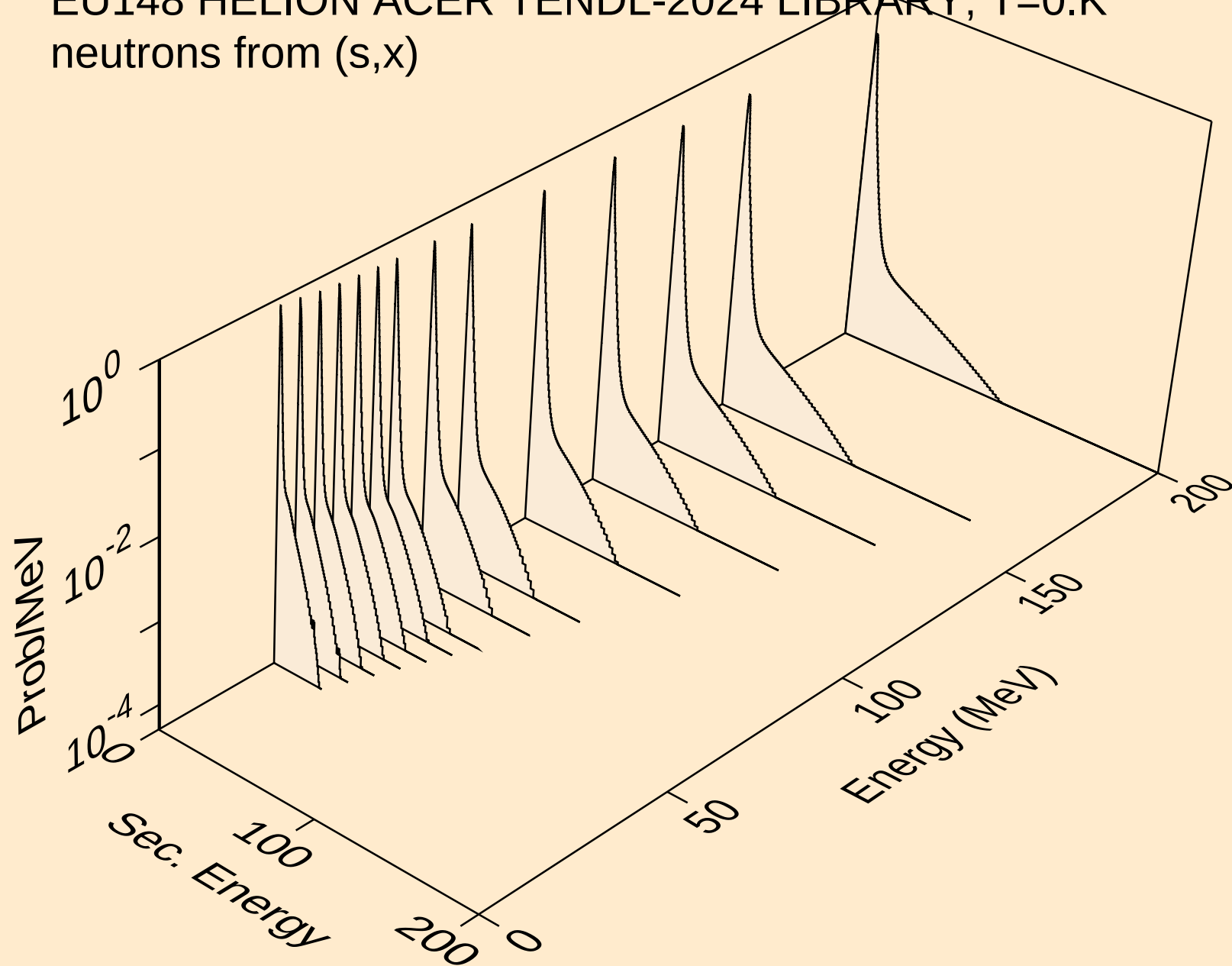
## Particle production cross sections



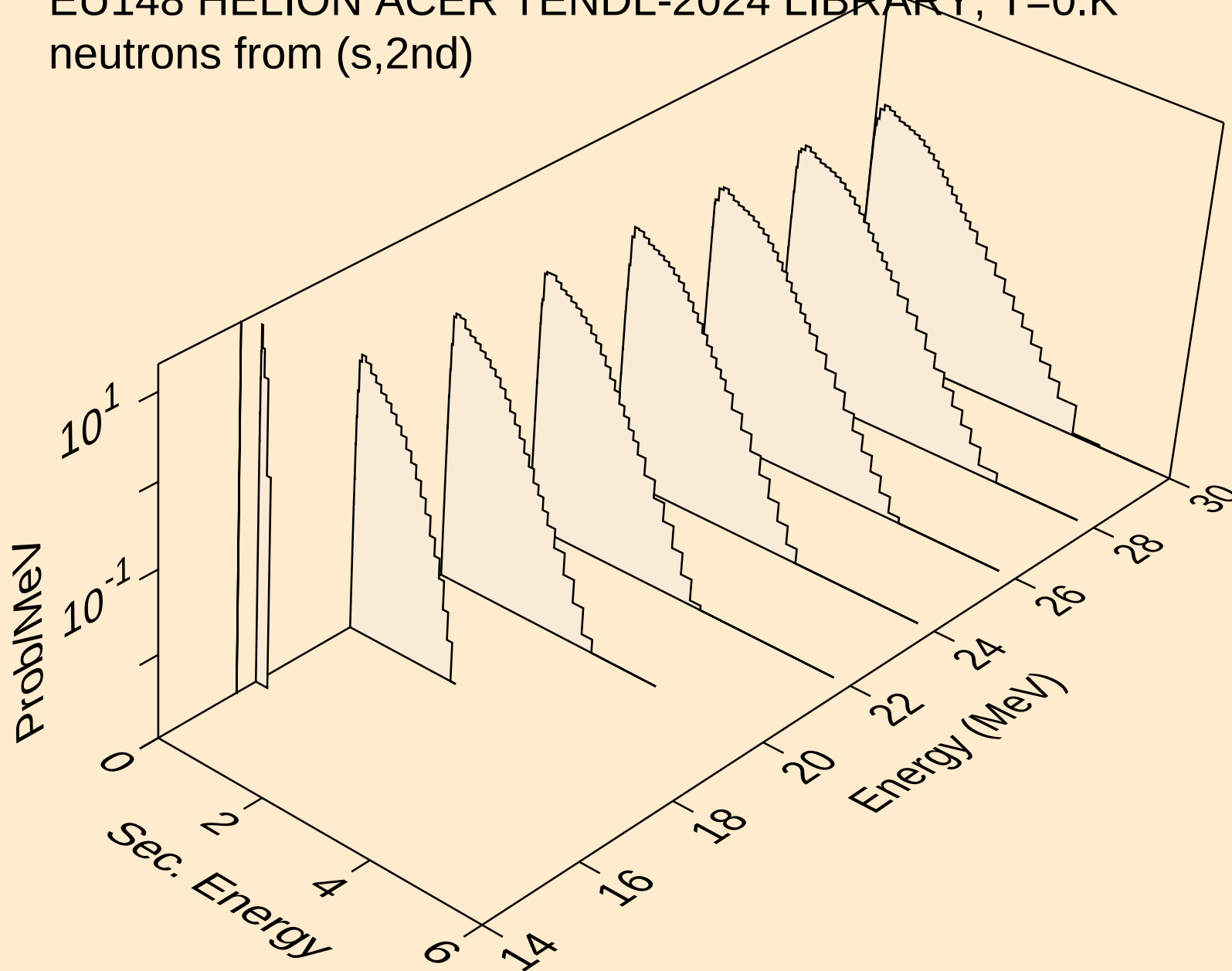
EU148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n)



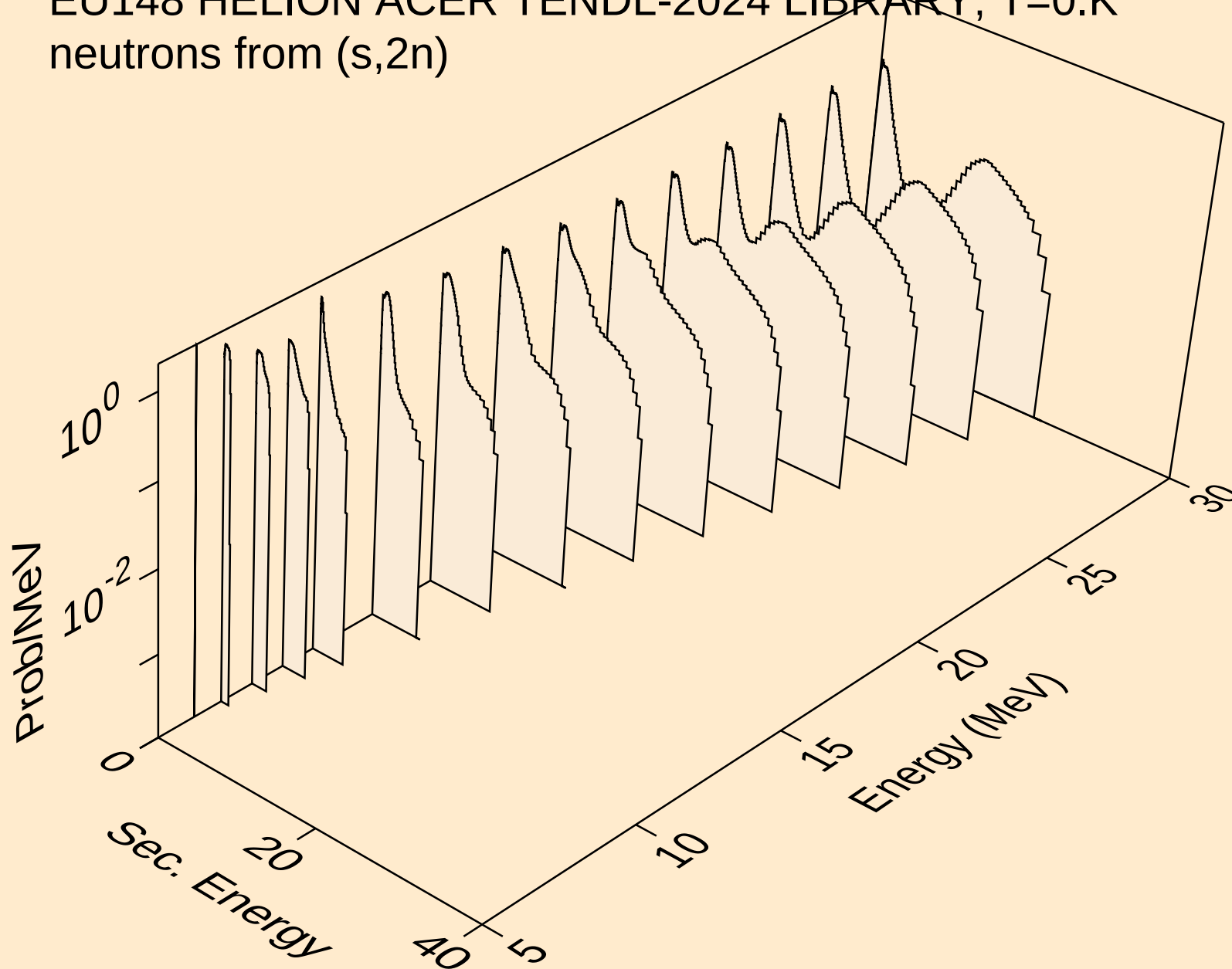
EU148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,x)



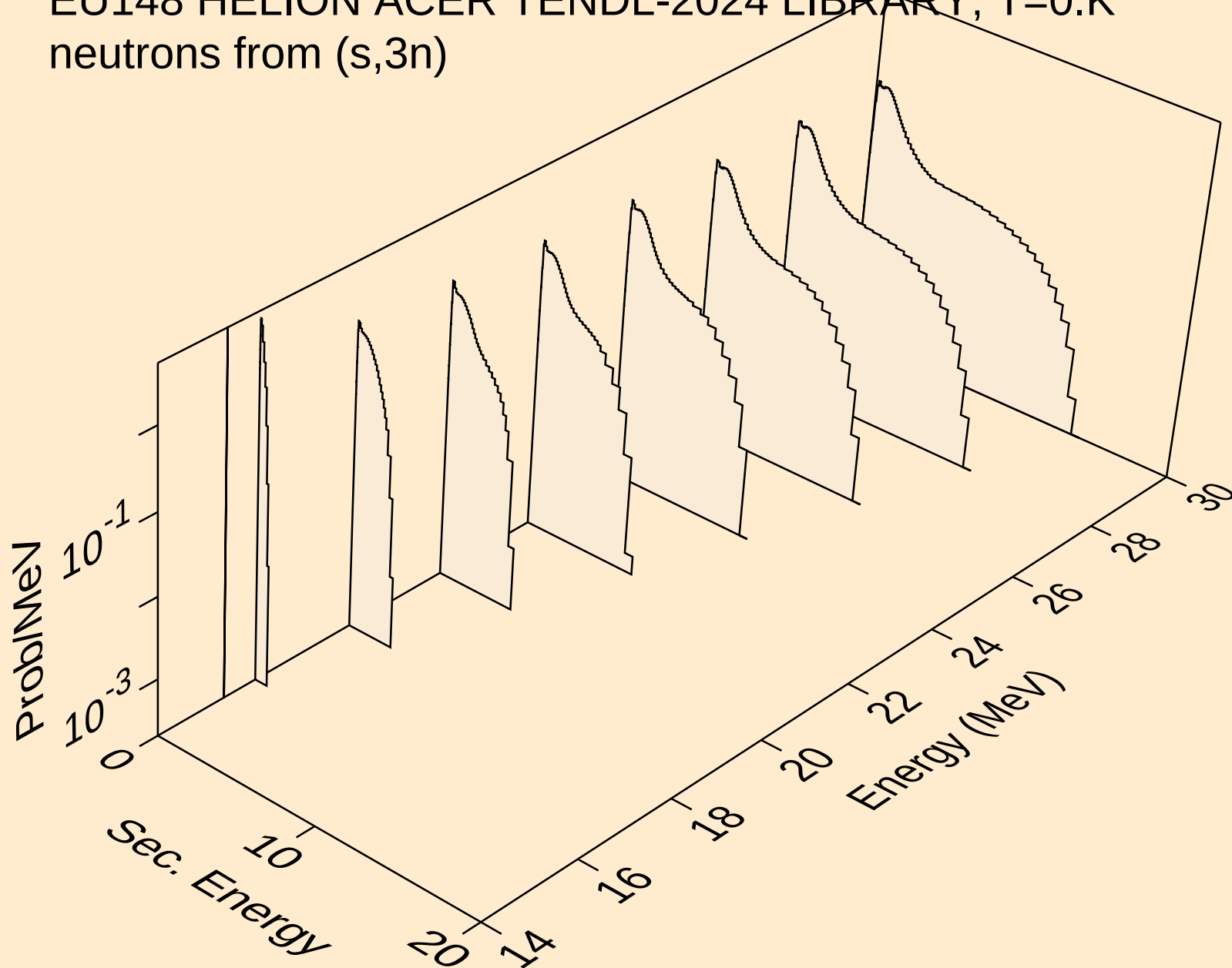
EU148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2nd)



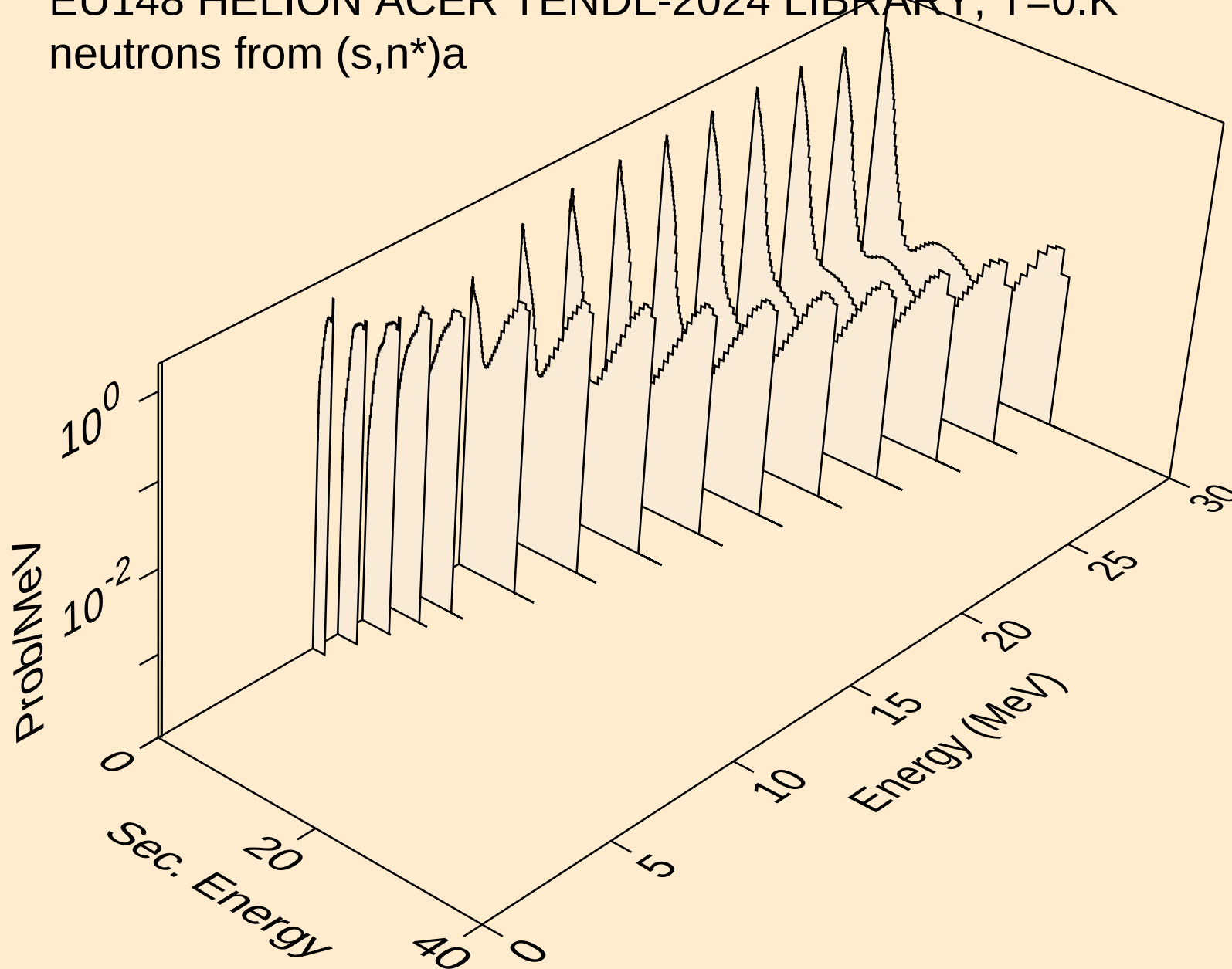
EU148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2n)



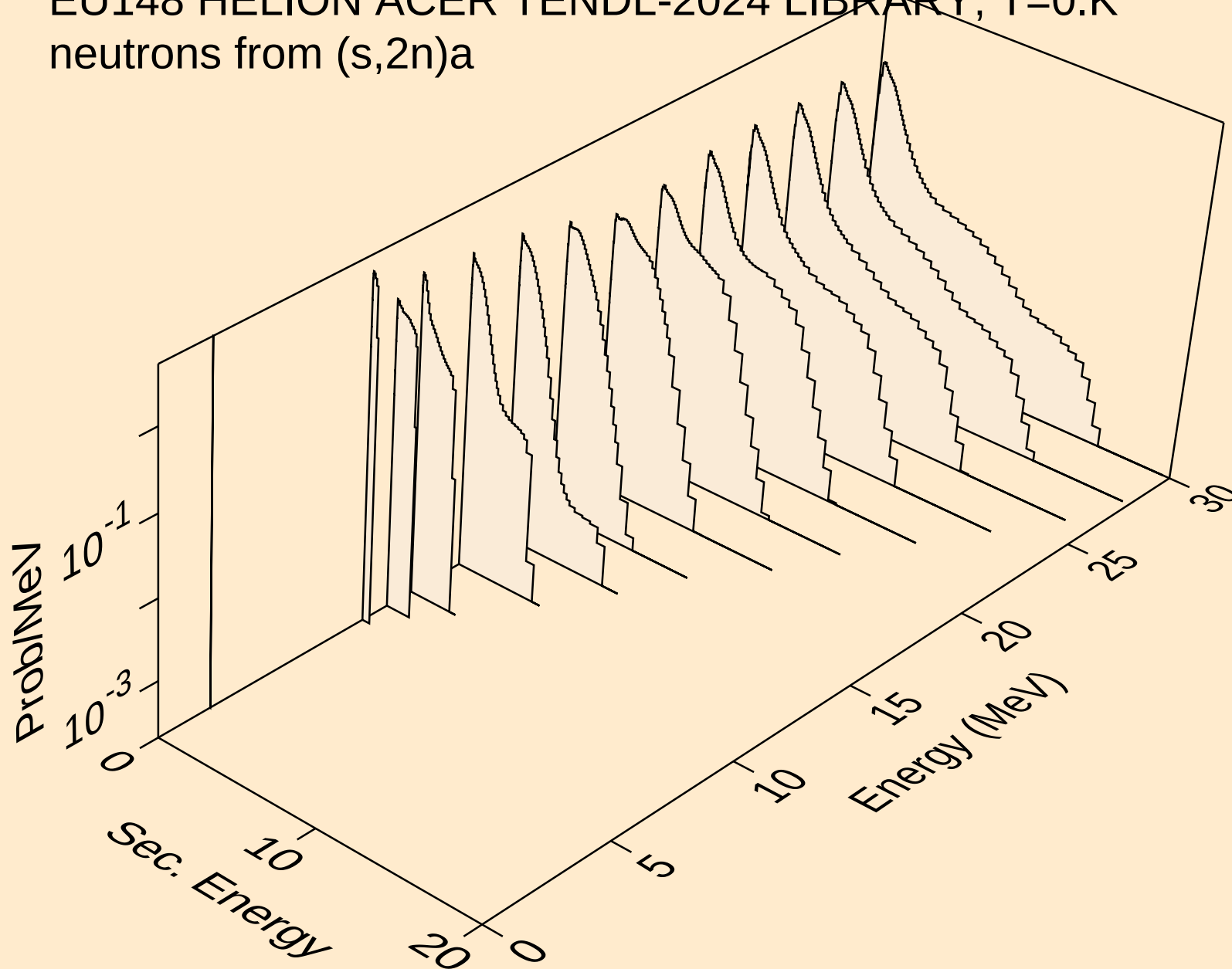
EU148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,3n)



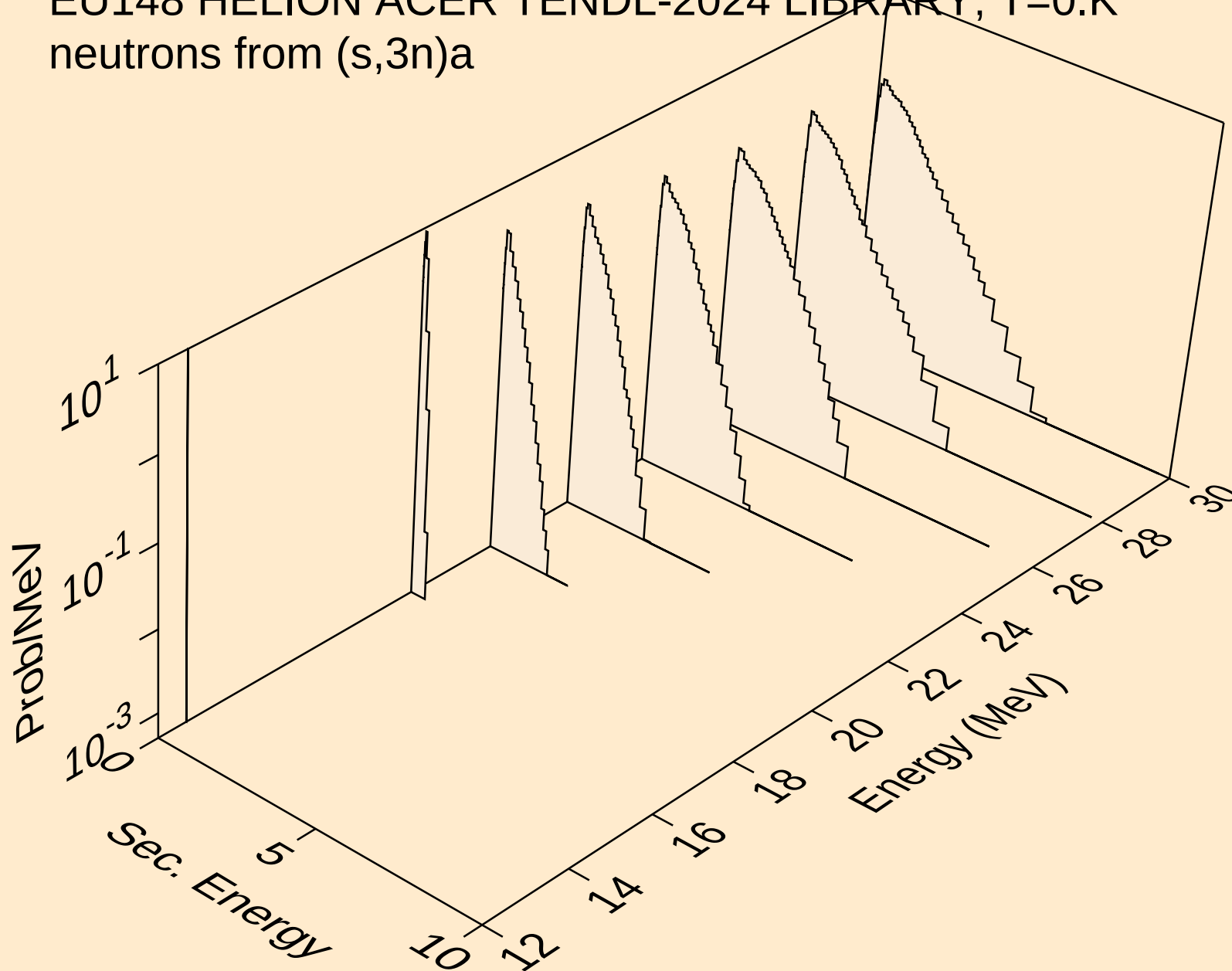
EU148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)a



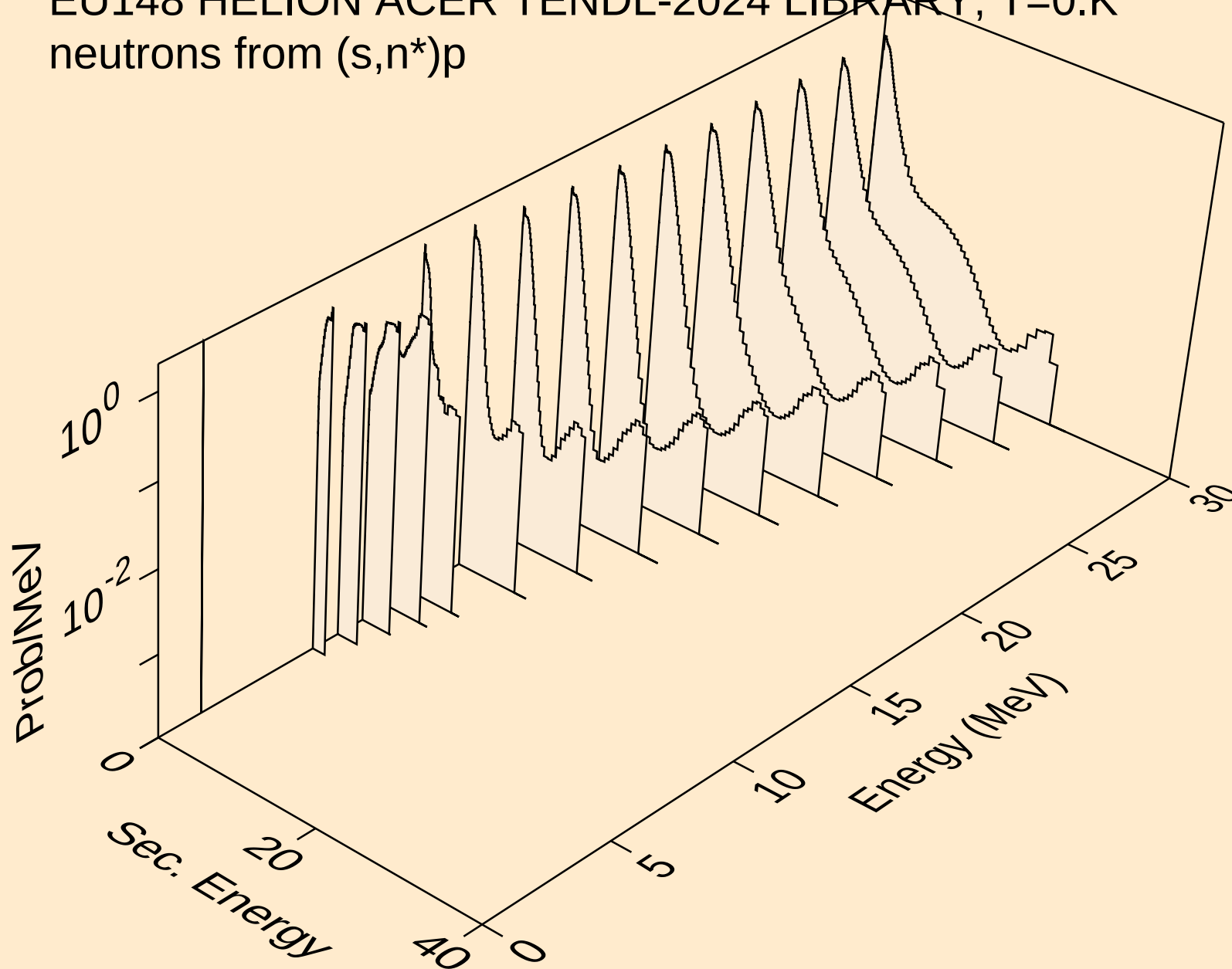
EU148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2n)a



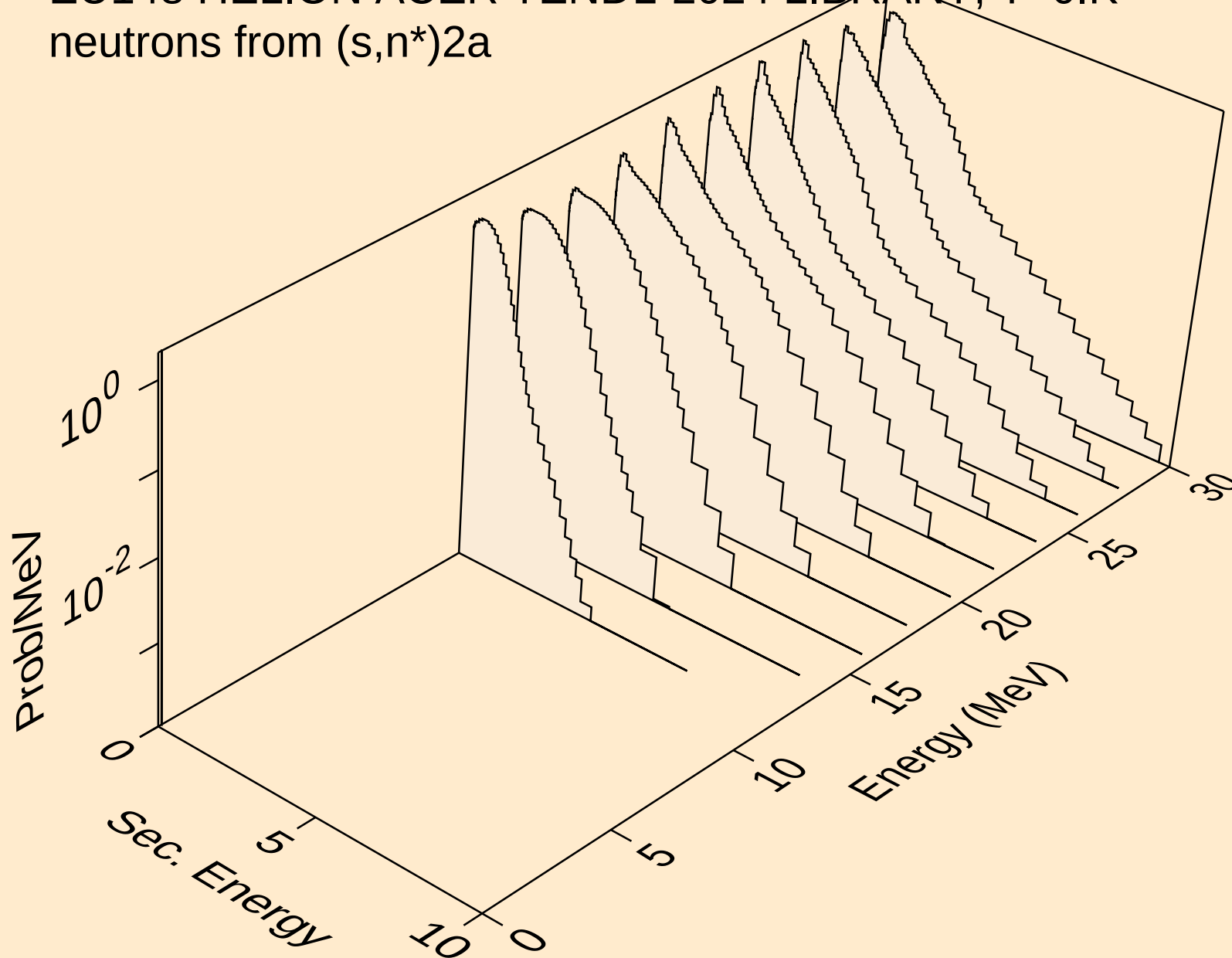
EU148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,3n)a



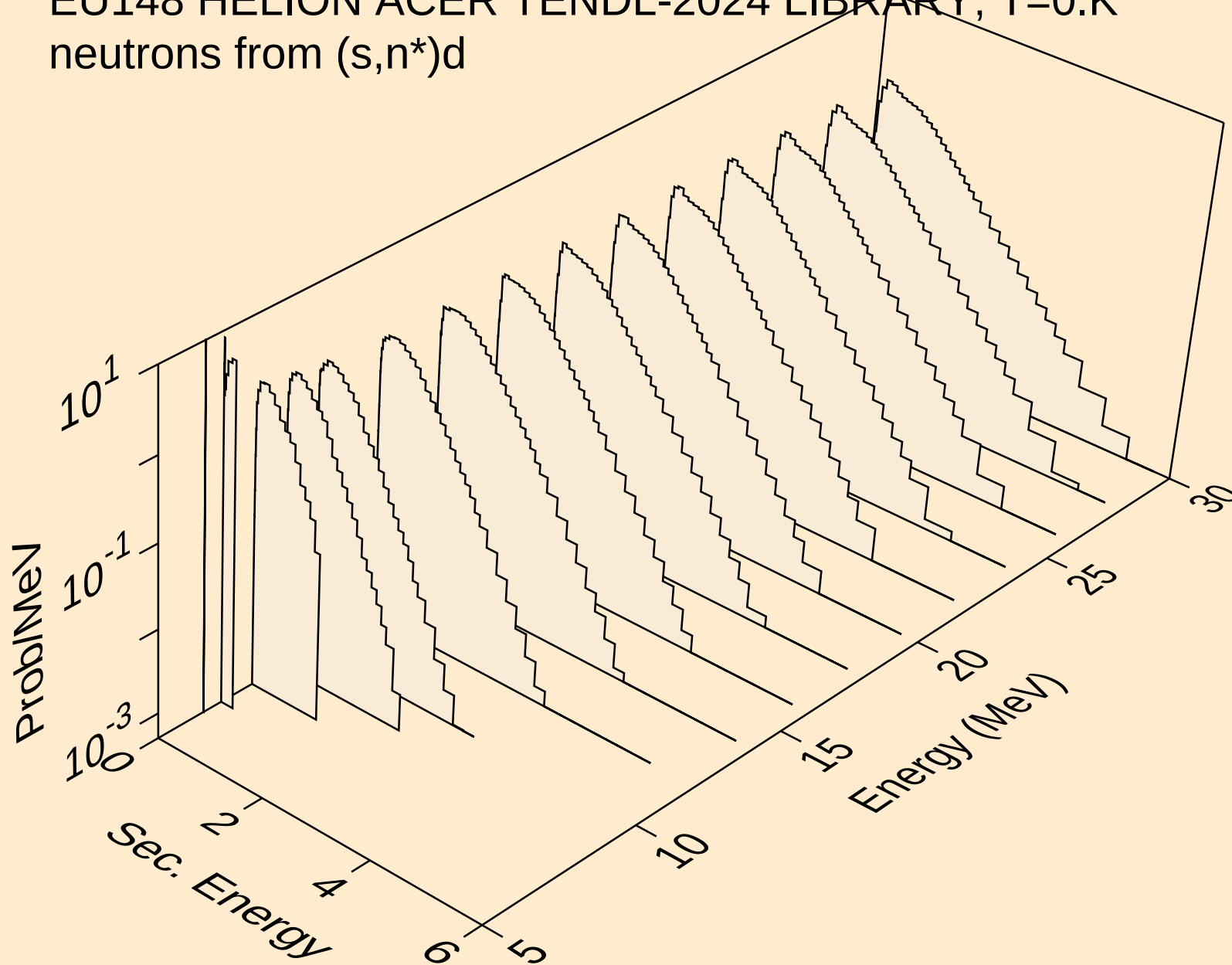
EU148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
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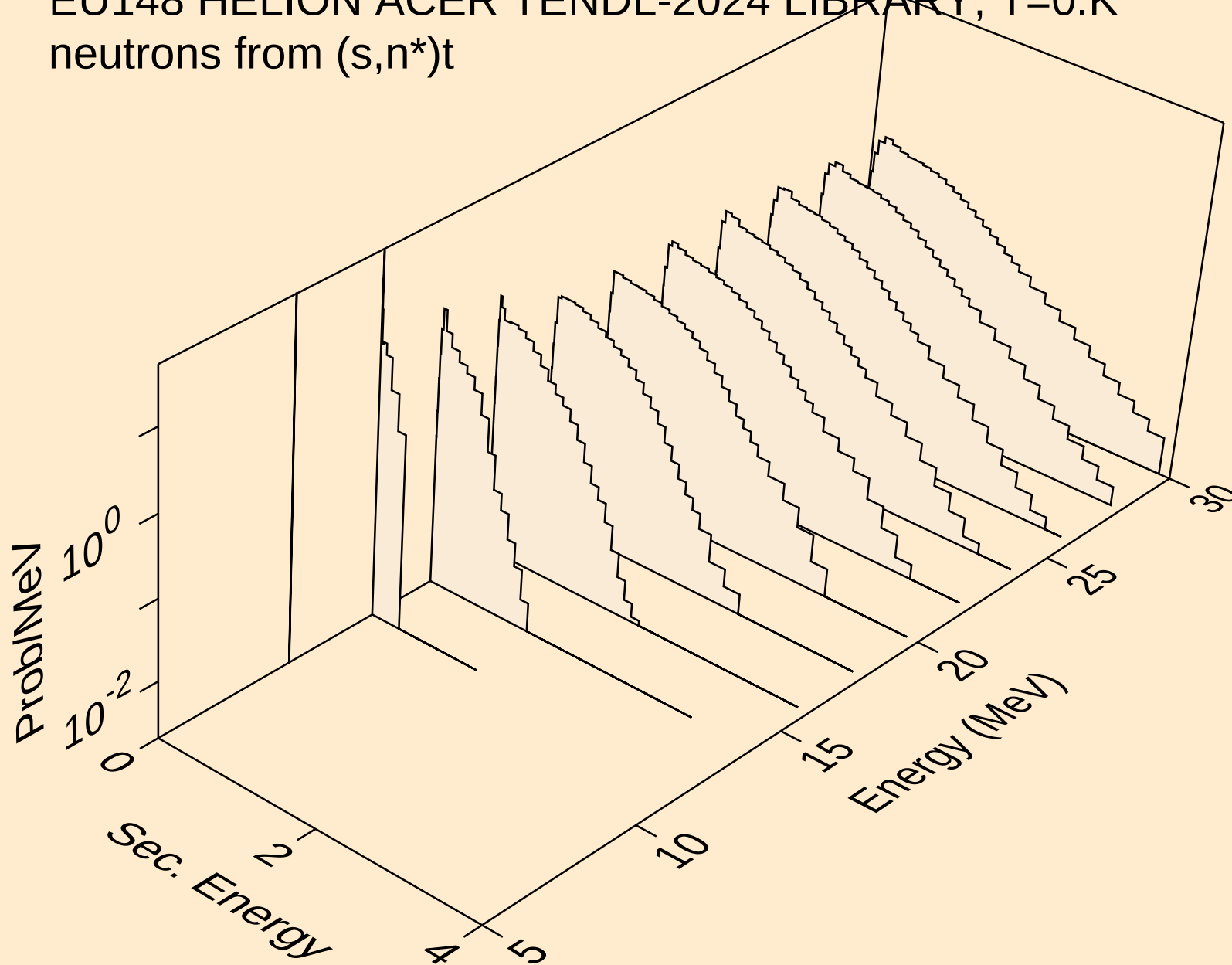
EU148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
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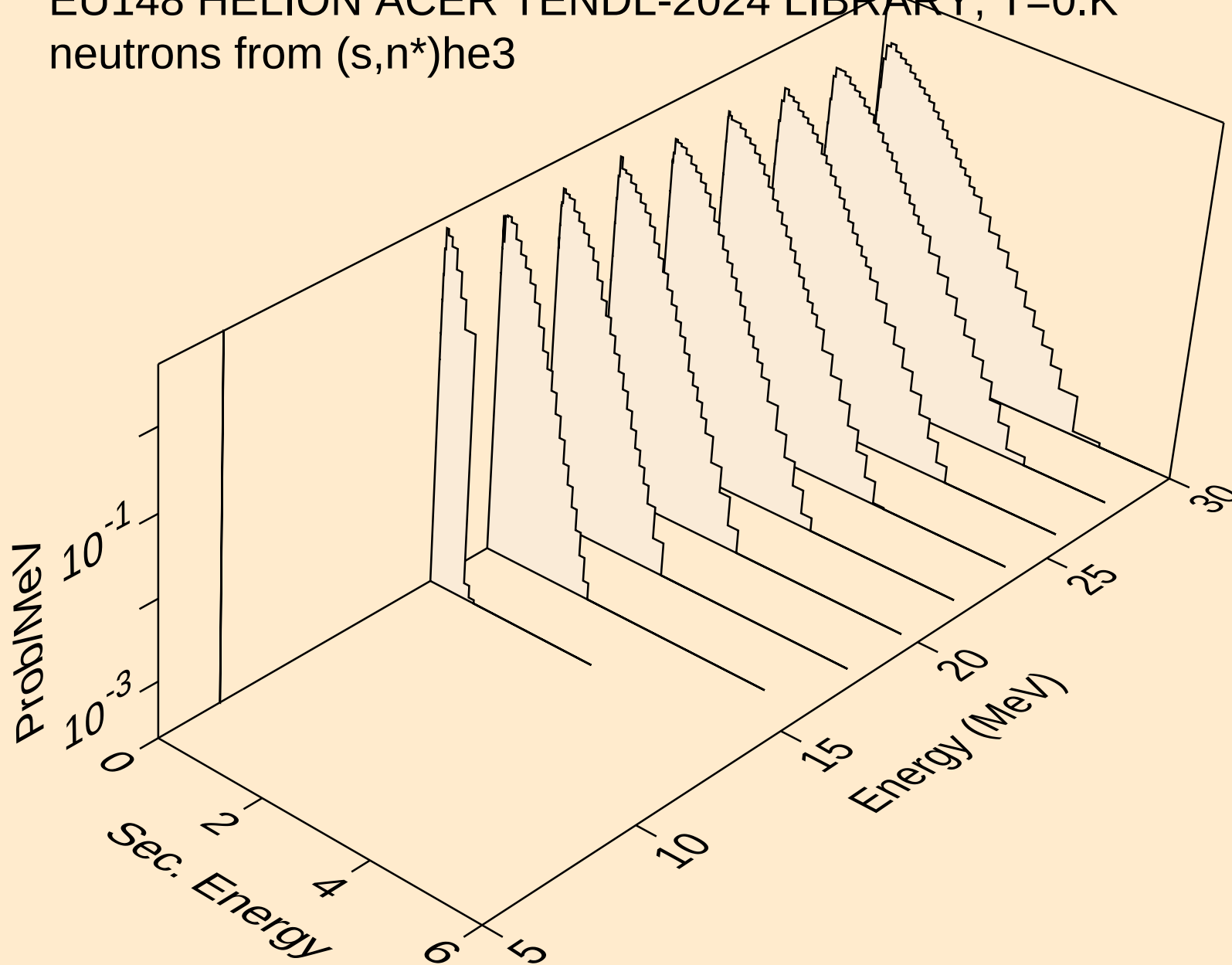
EU148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)d



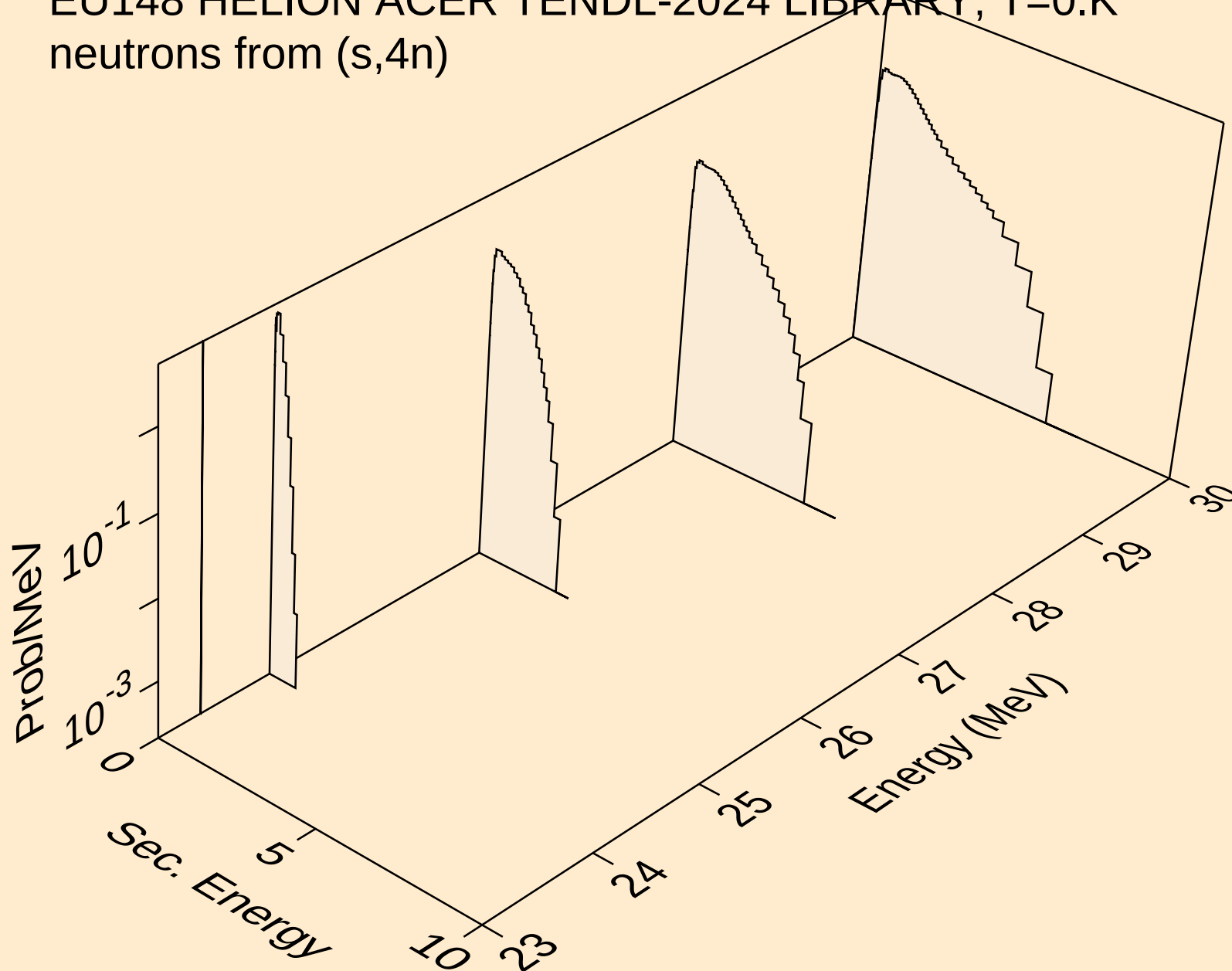
EU148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)t



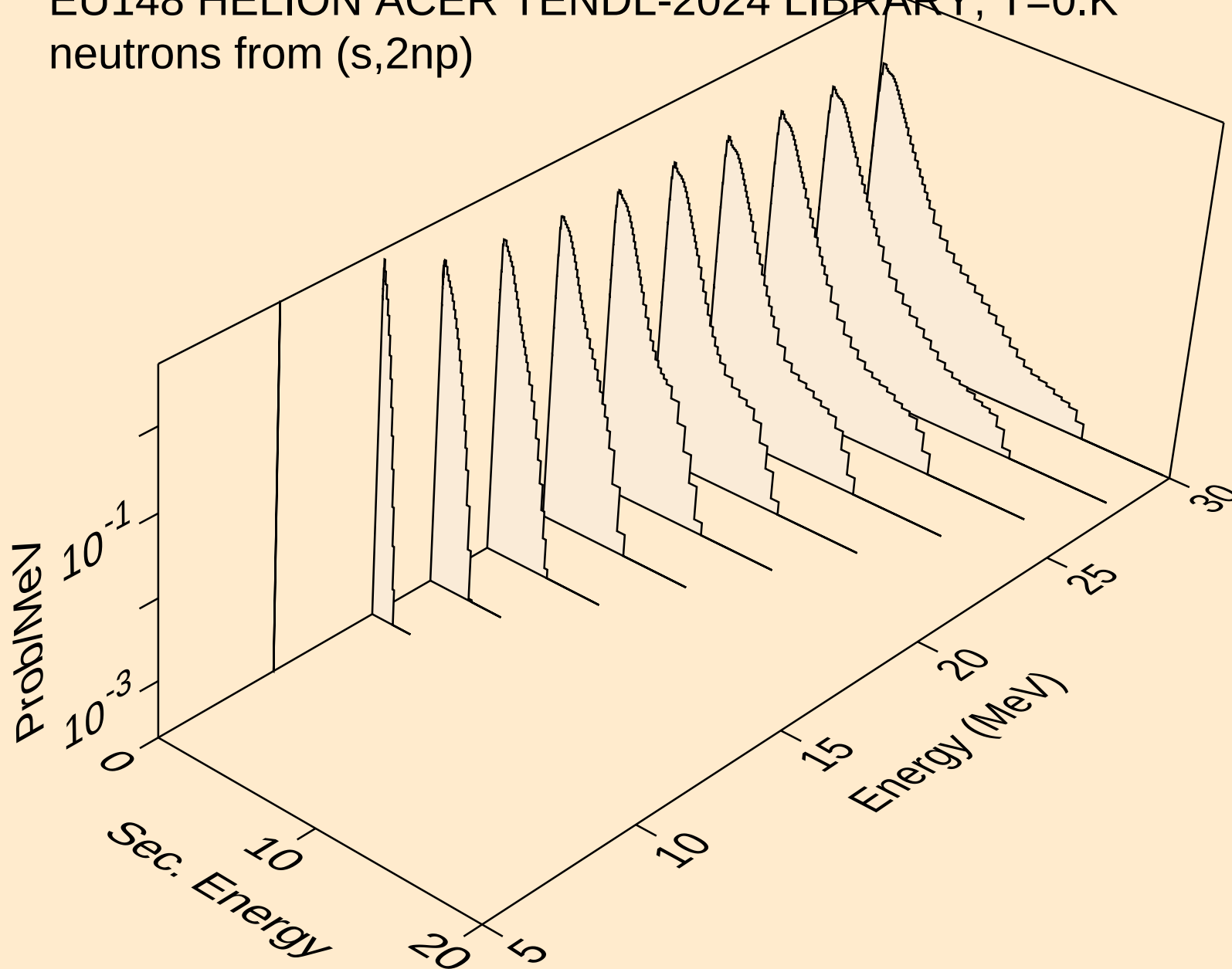
EU148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



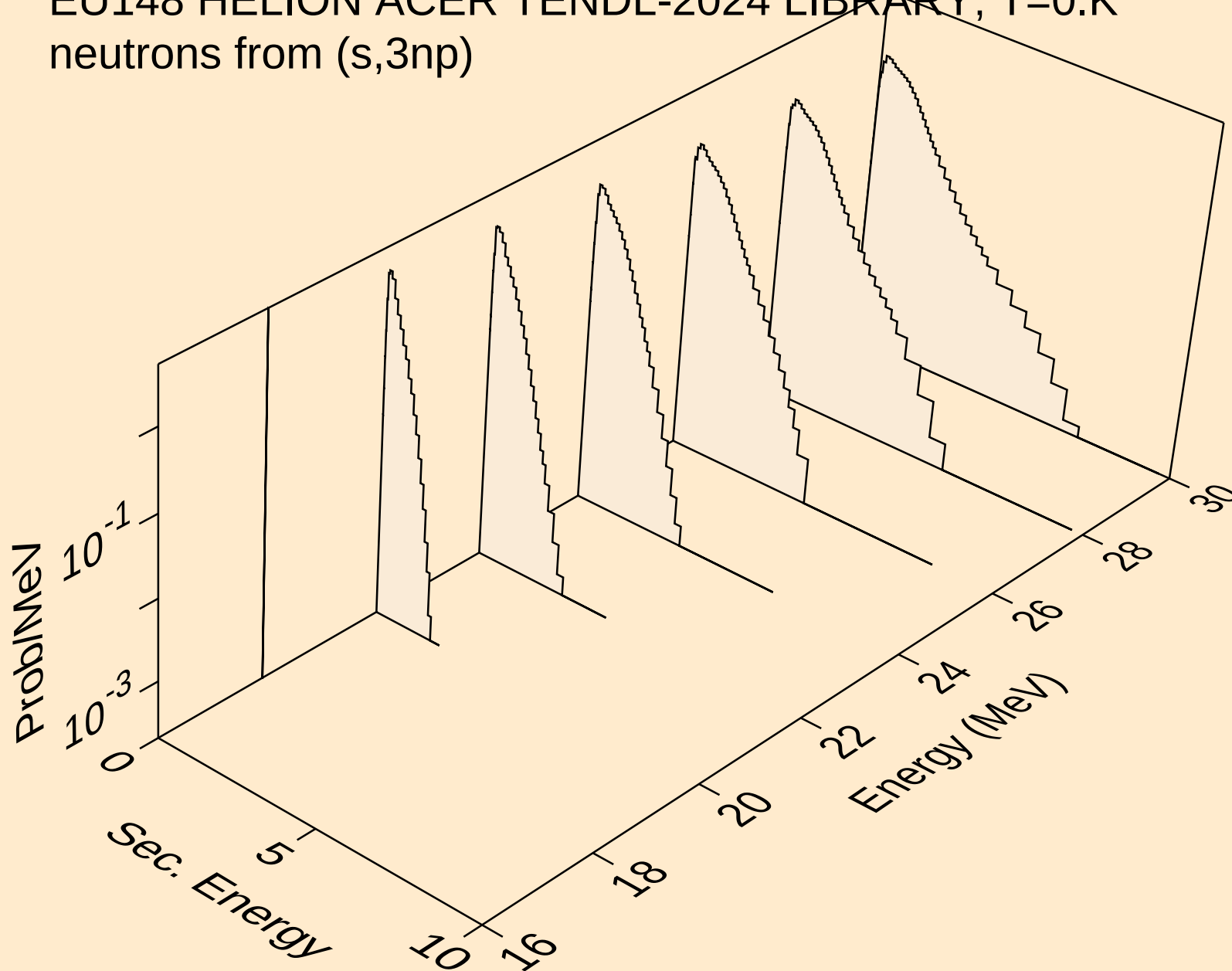
EU148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,4n)



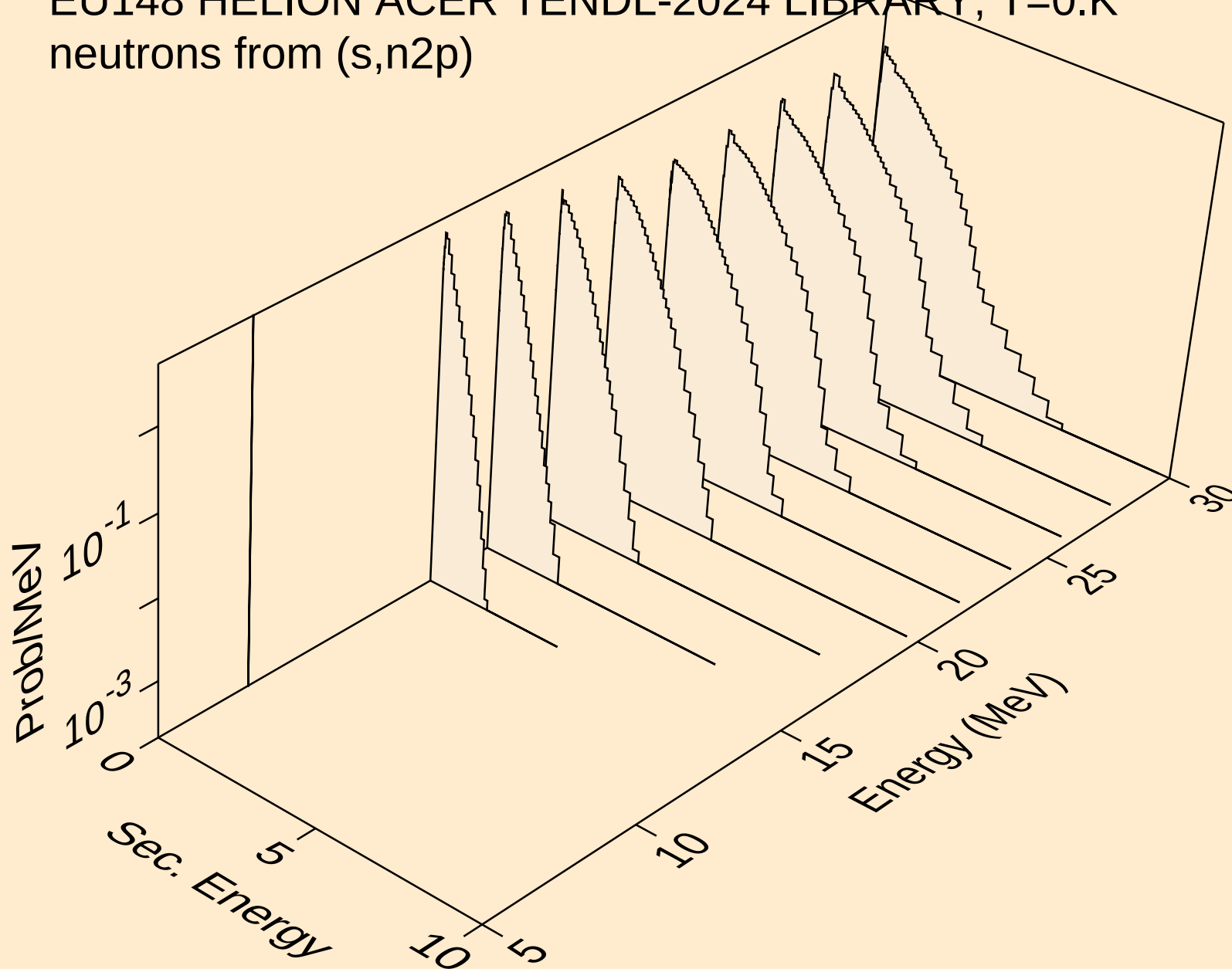
EU148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2np)



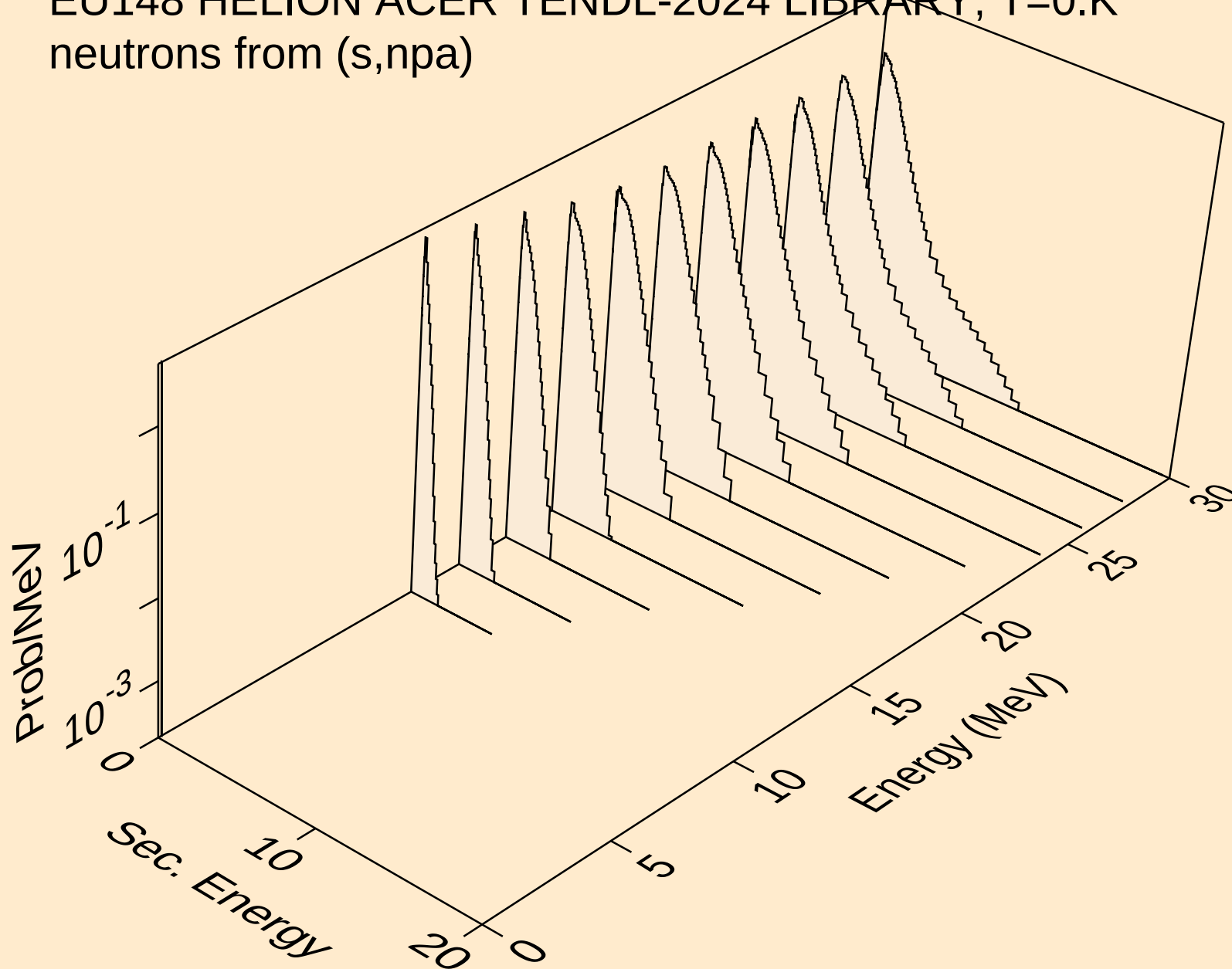
EU148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,3np)



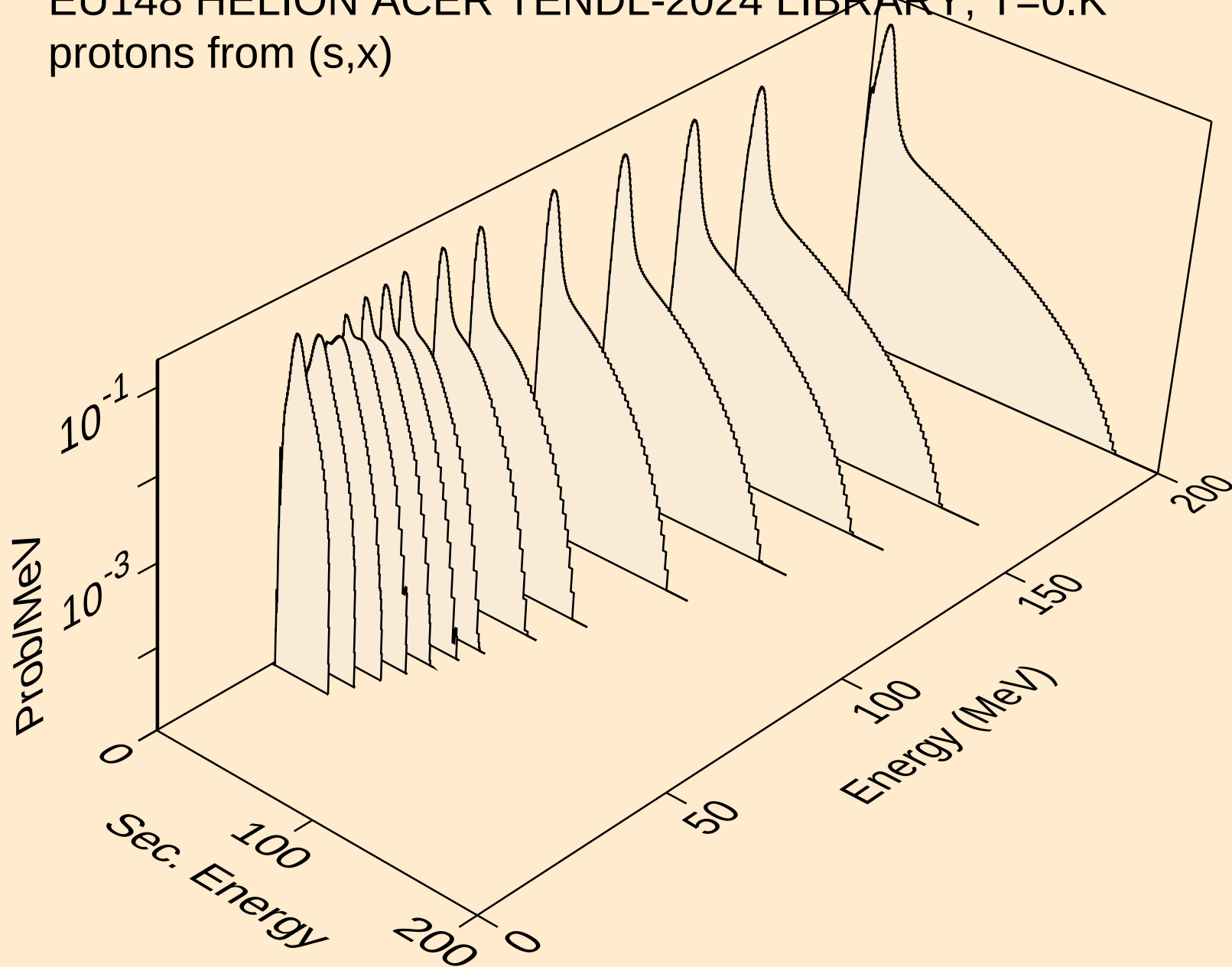
EU148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n2p)



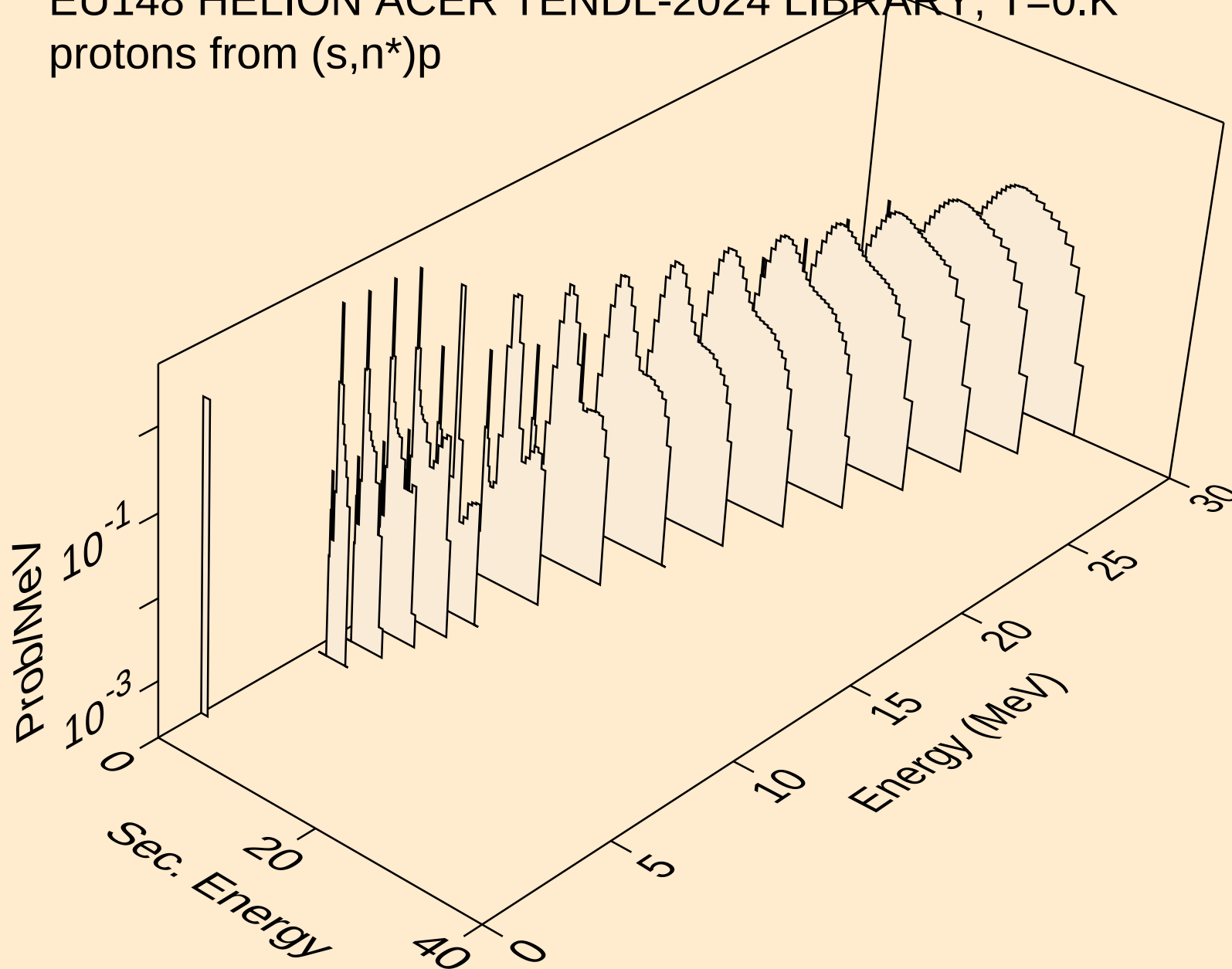
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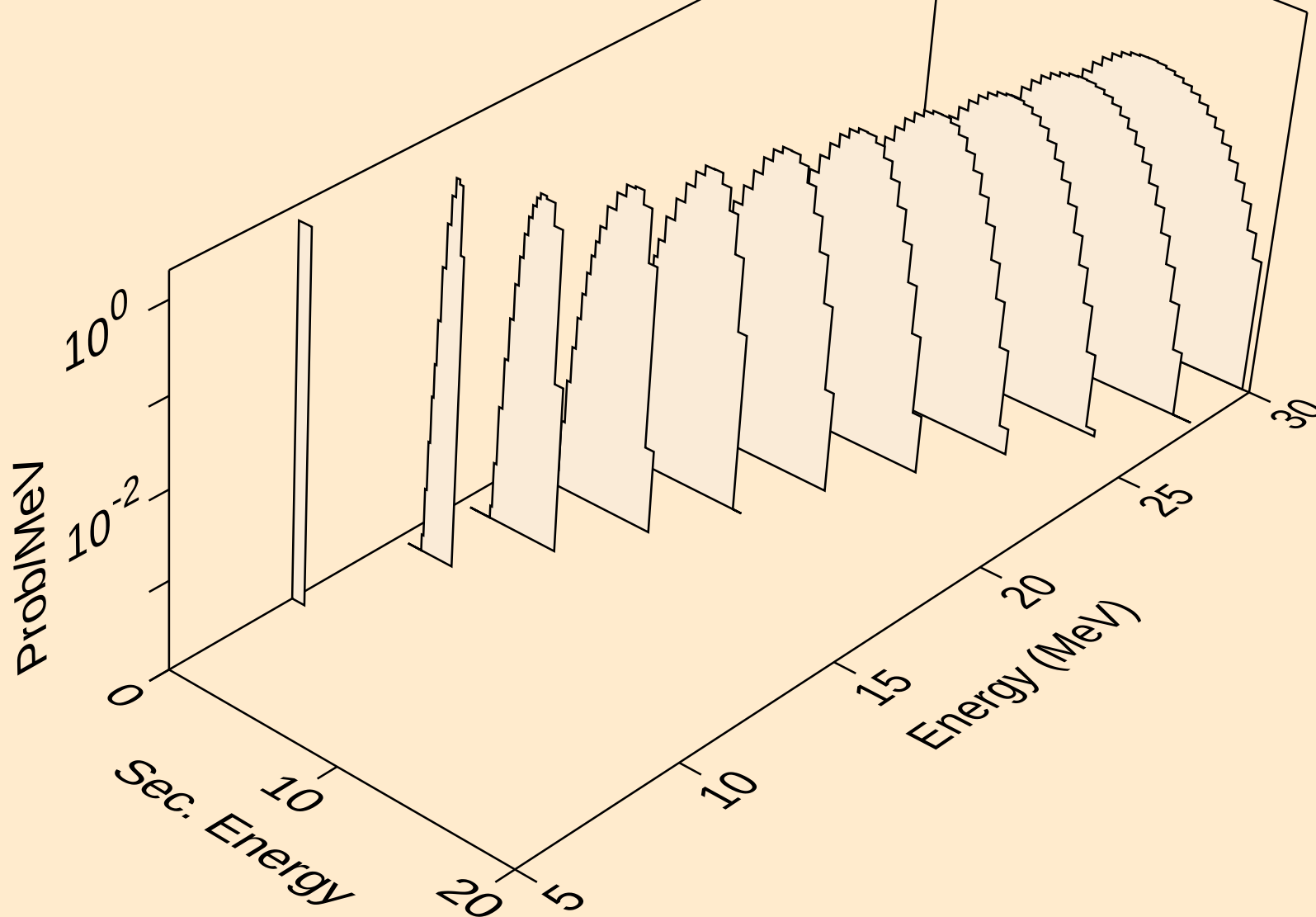
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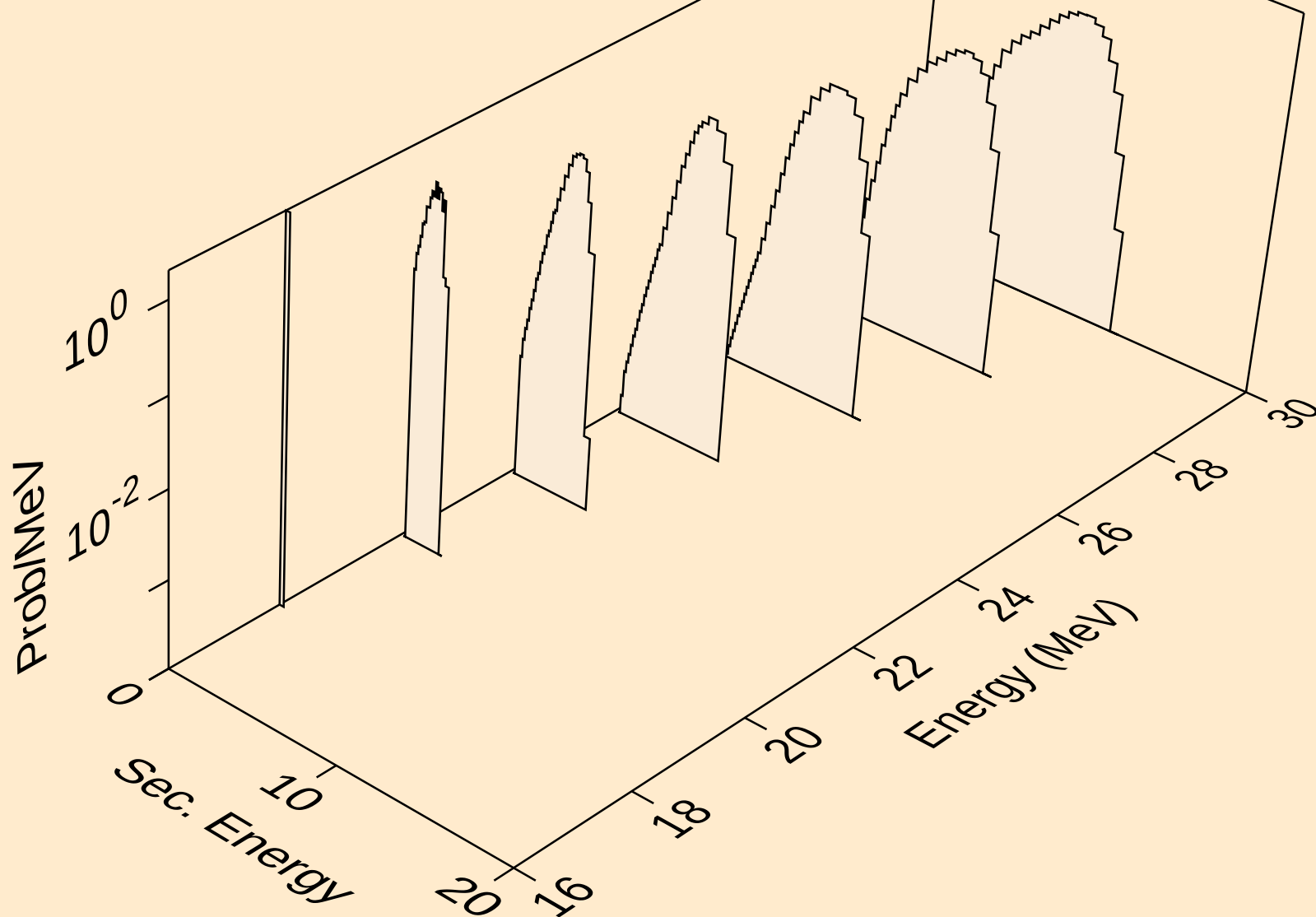
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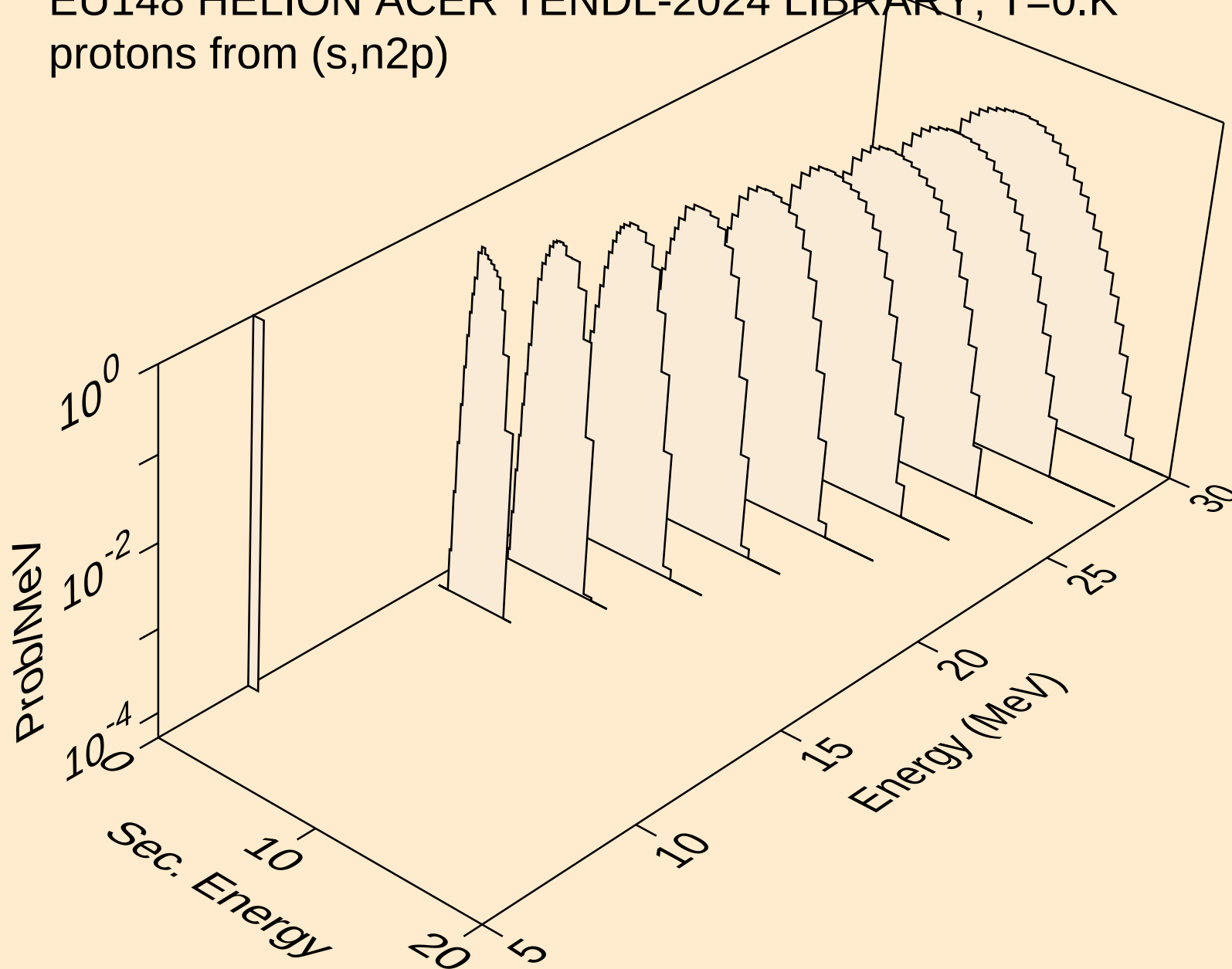
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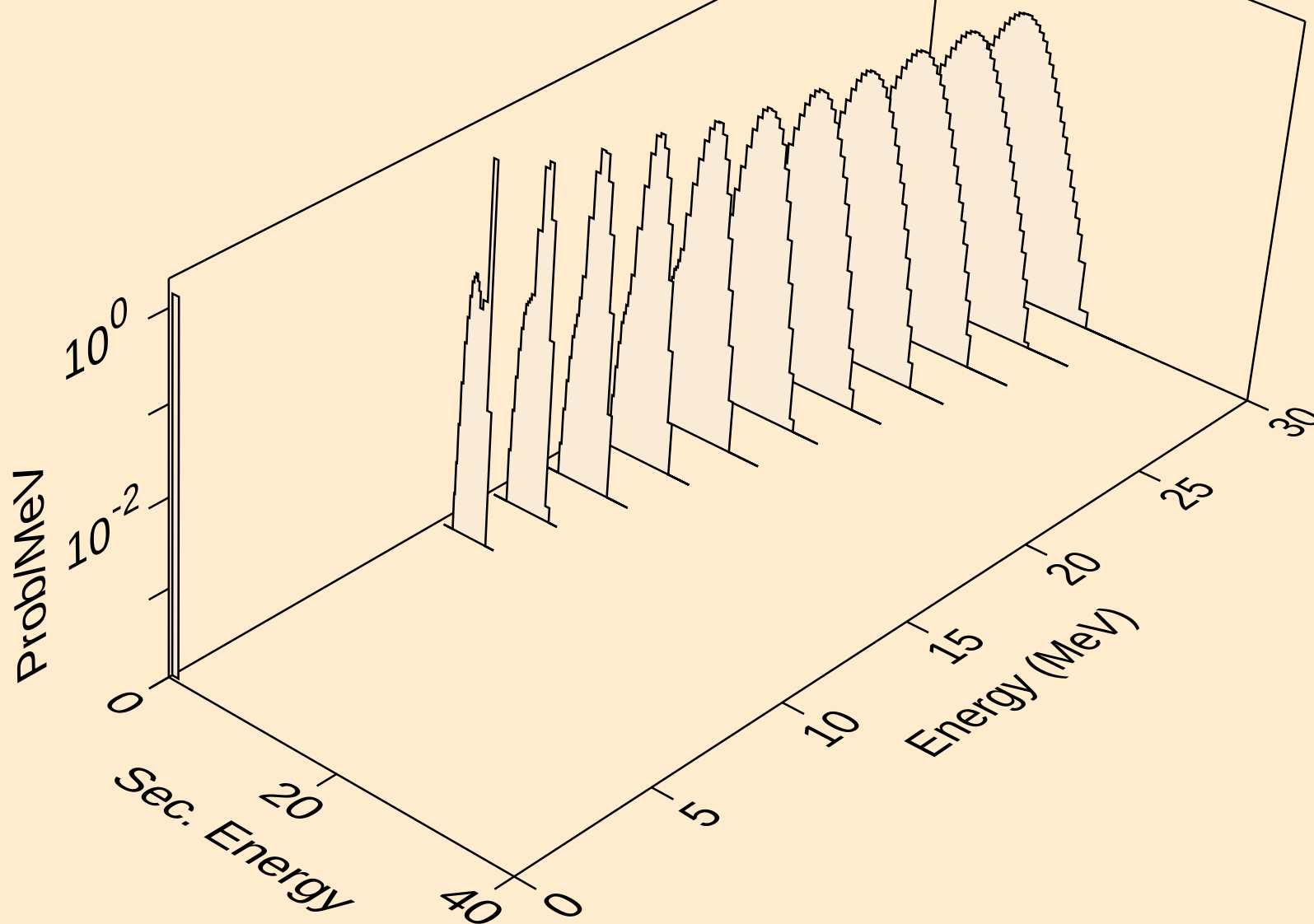
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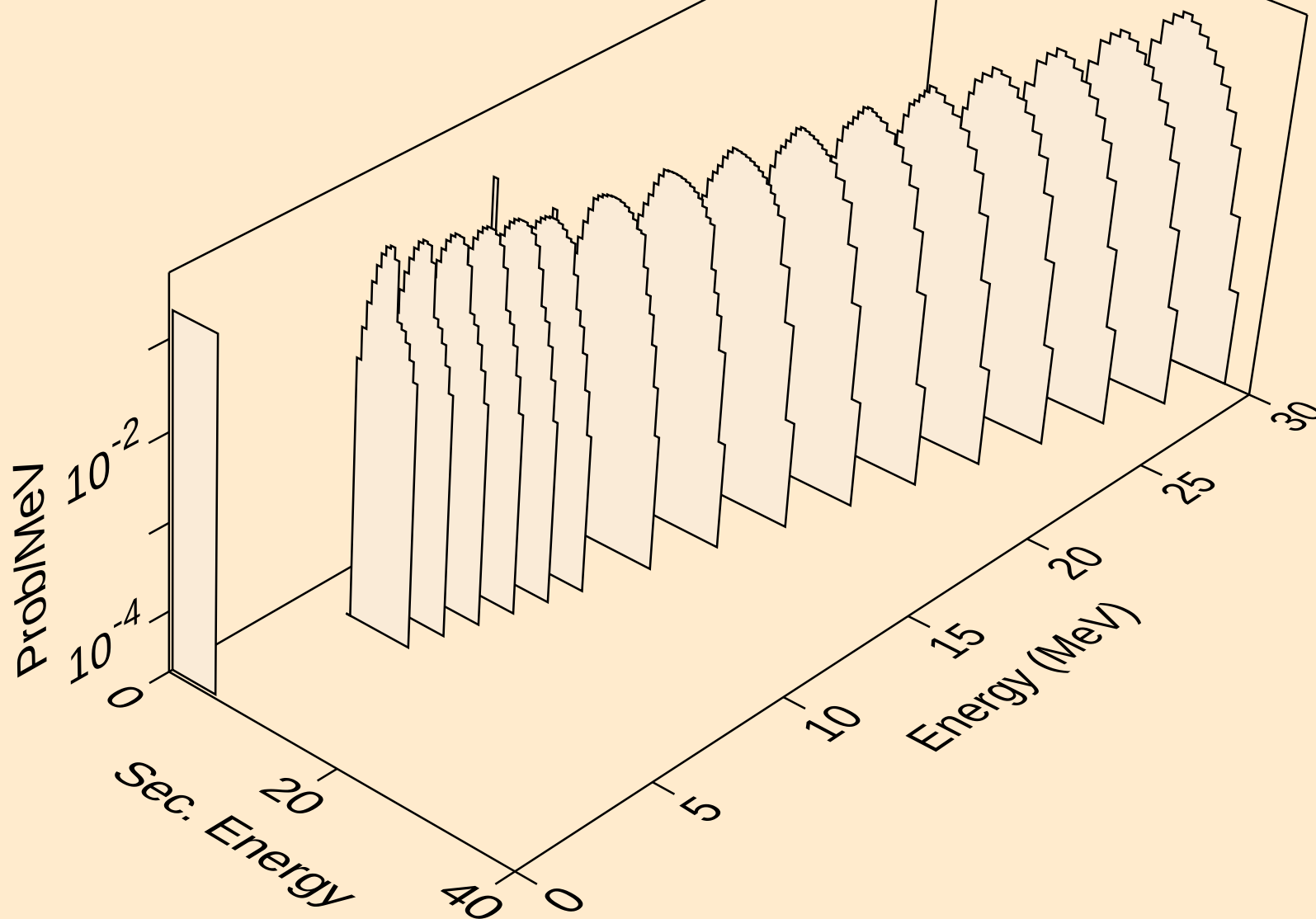
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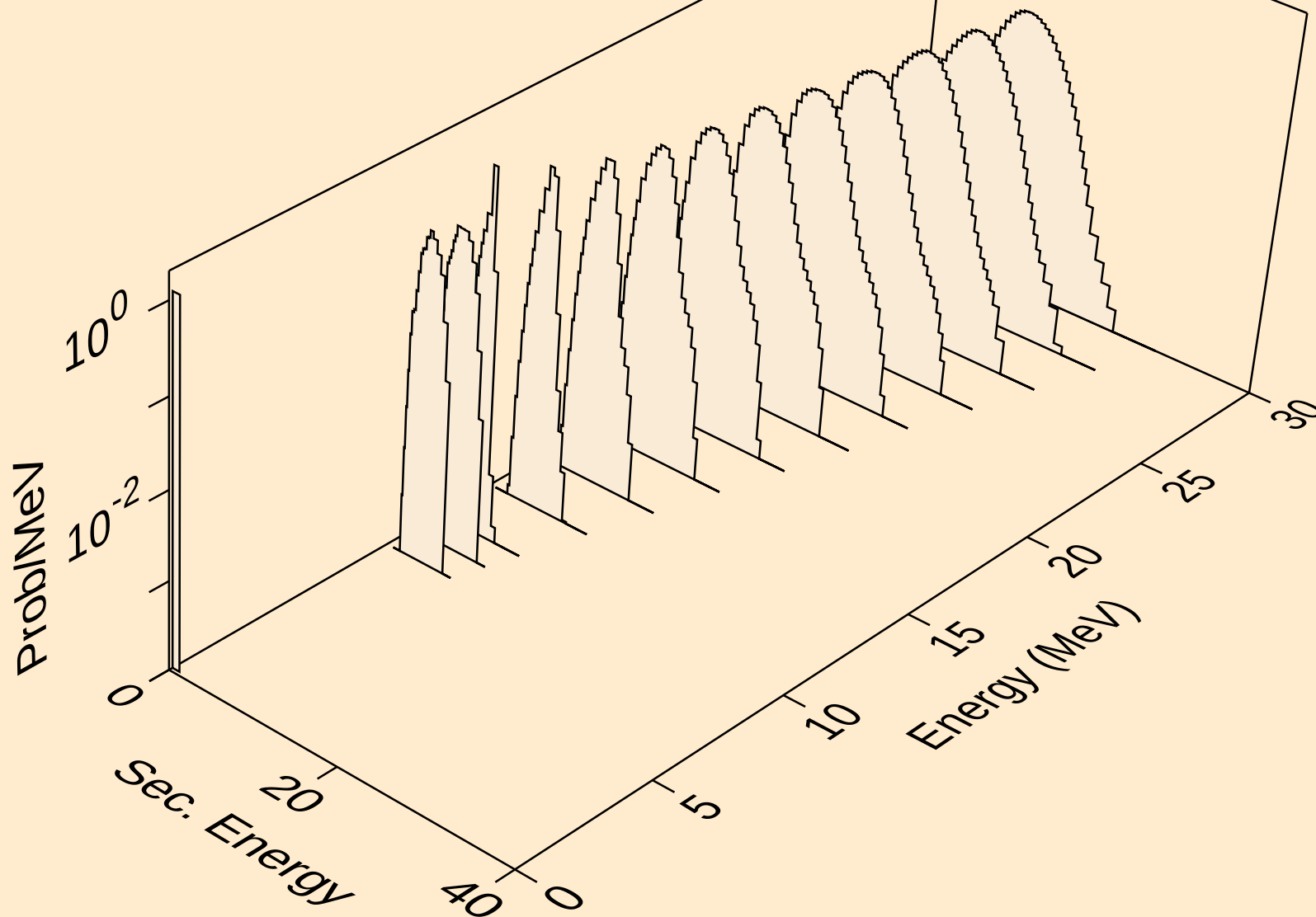
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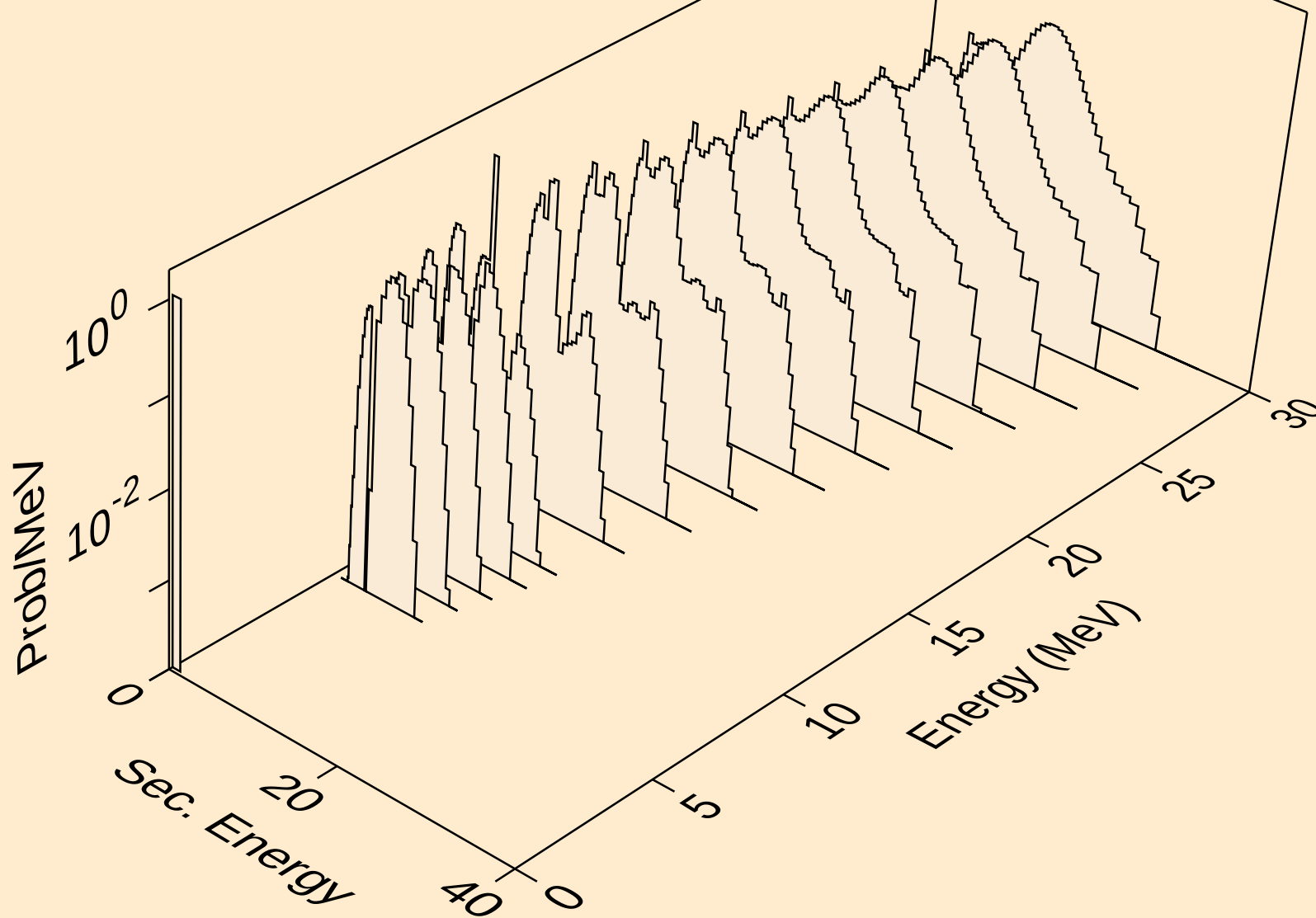
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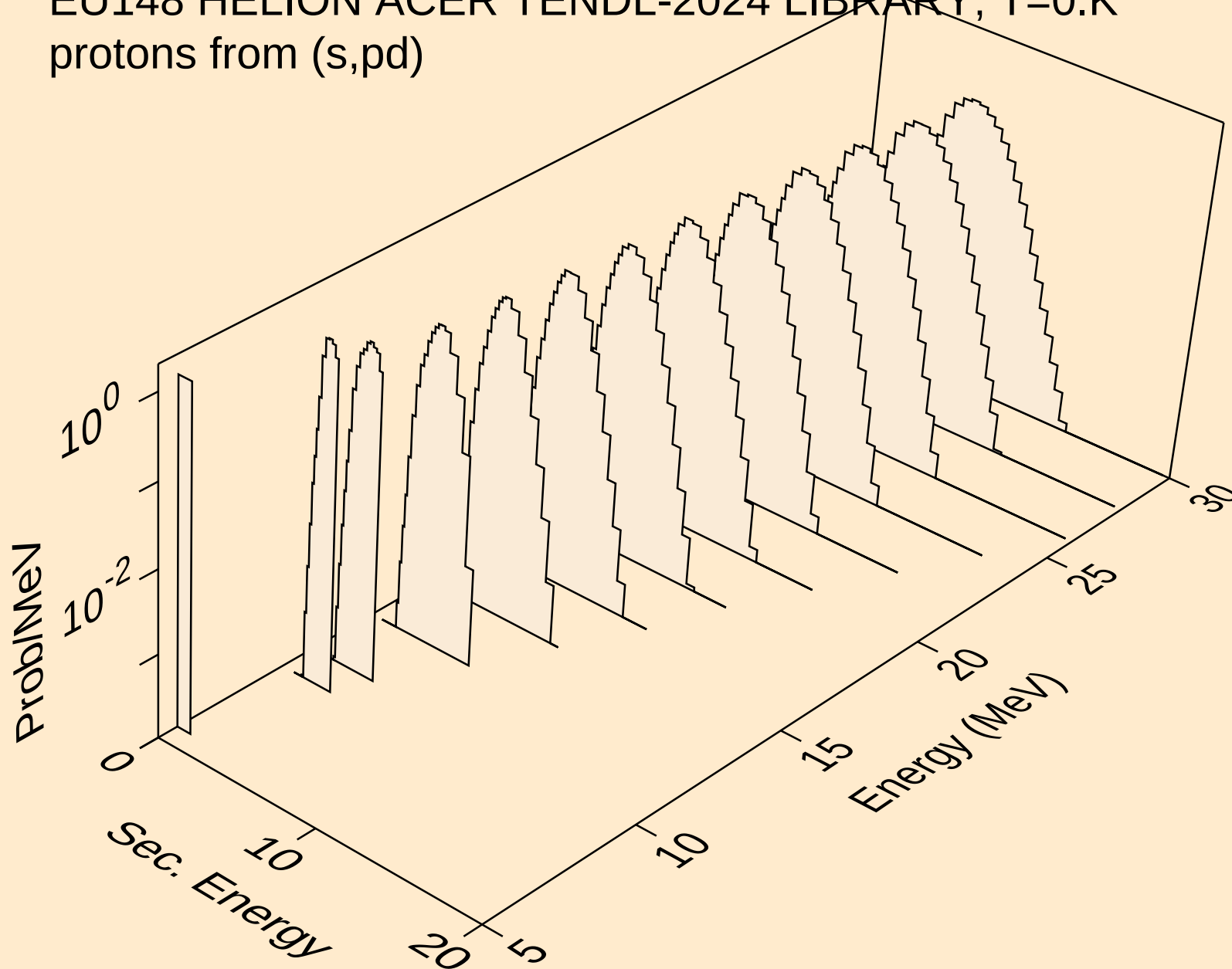
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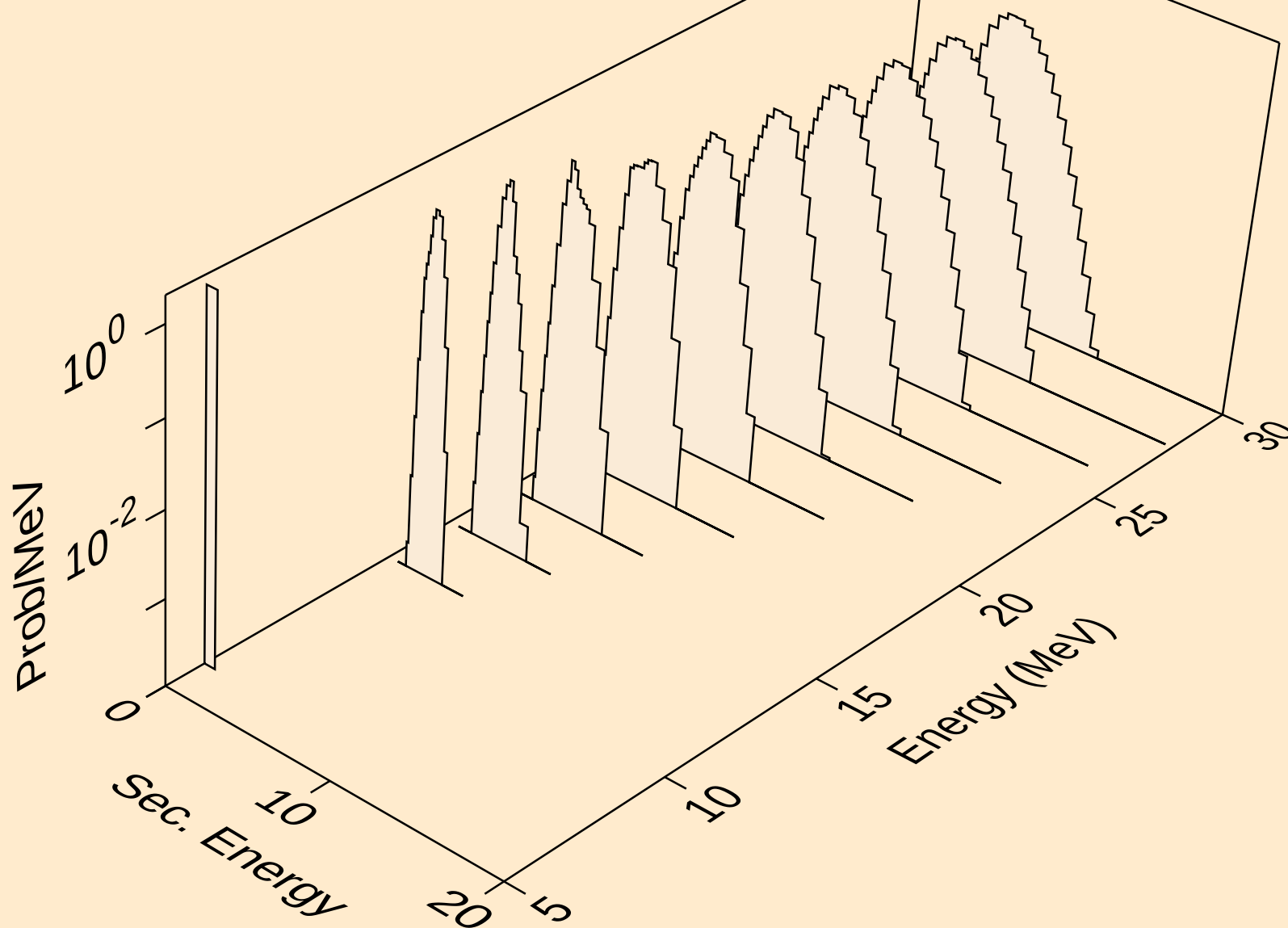
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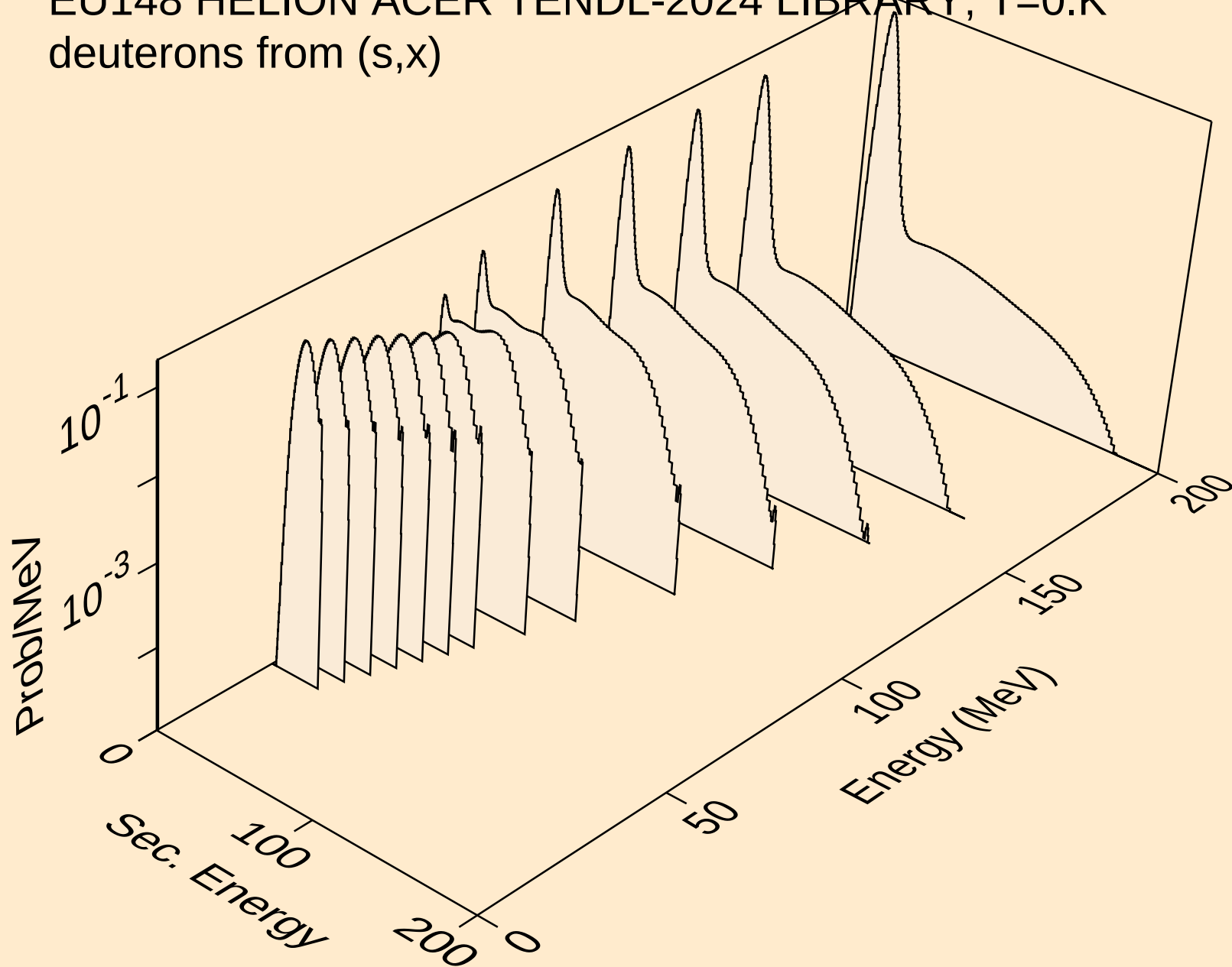
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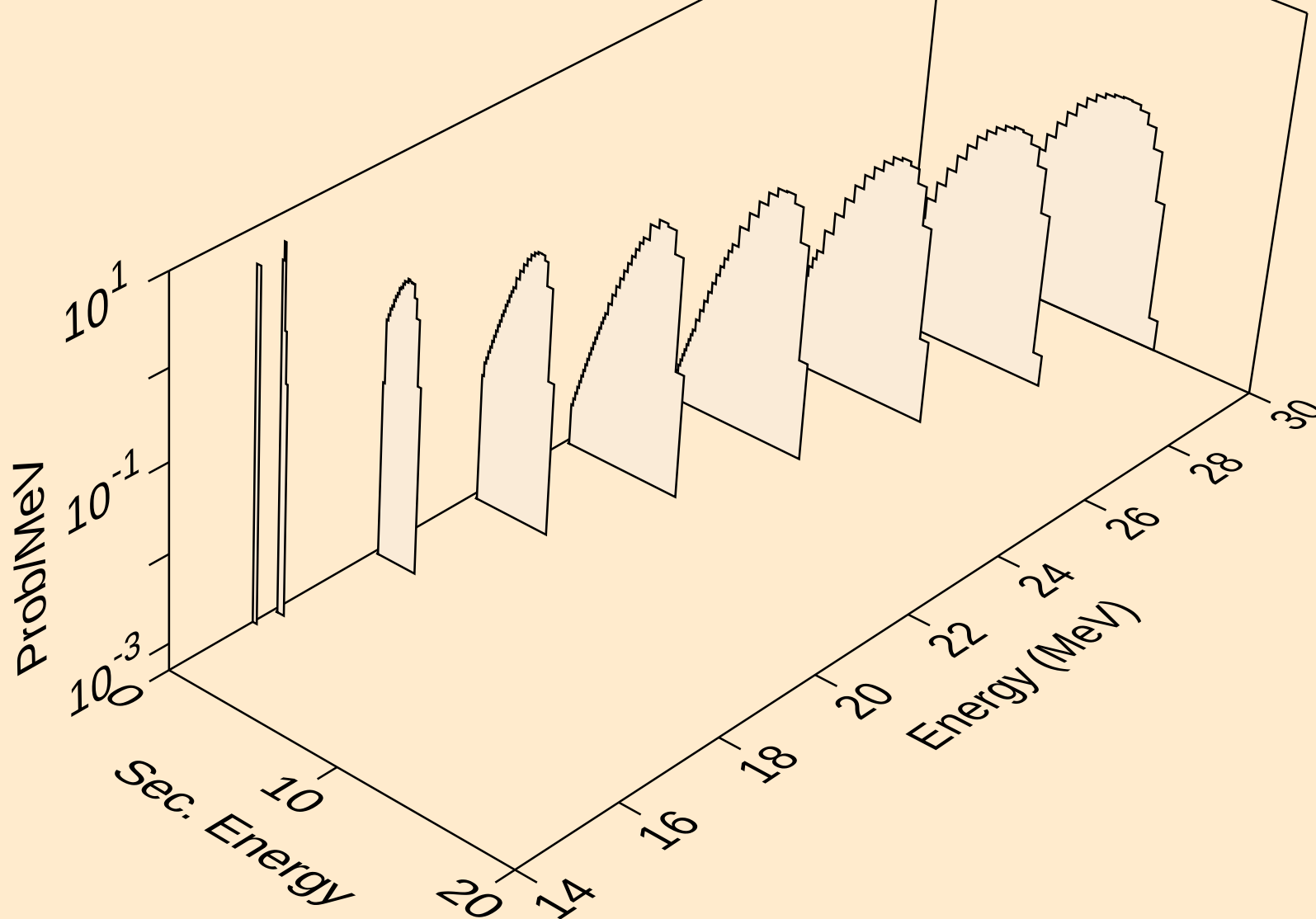
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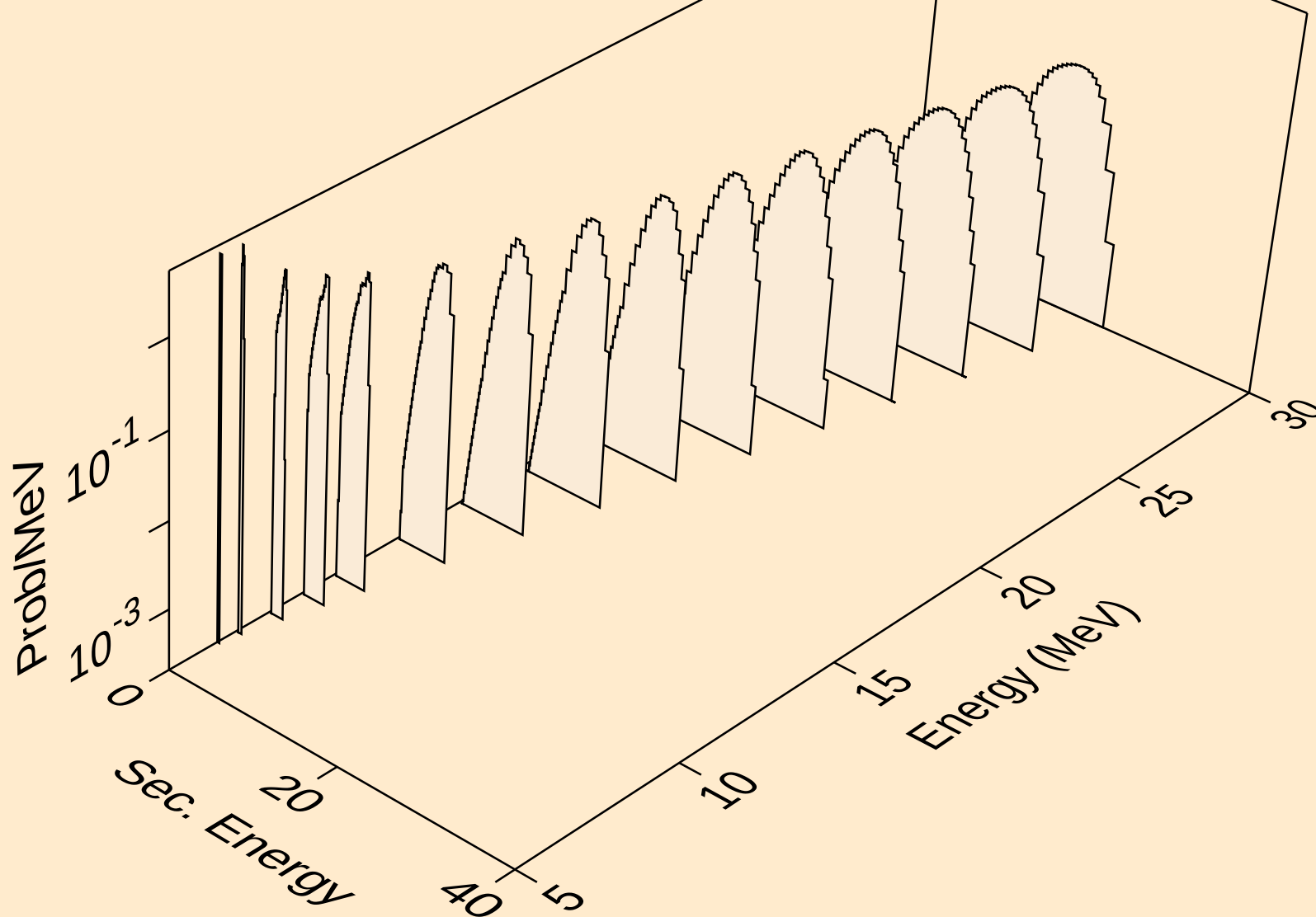
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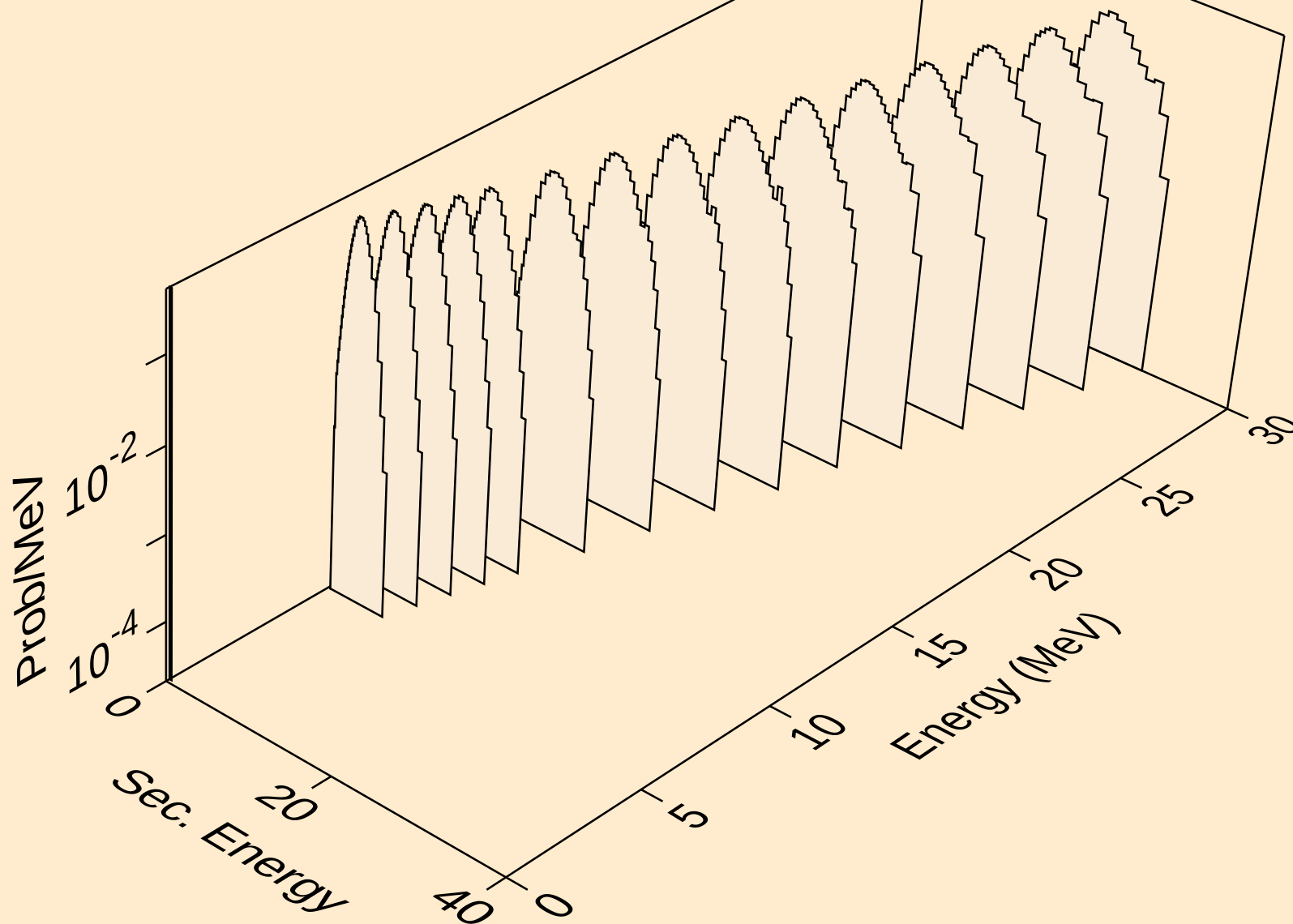
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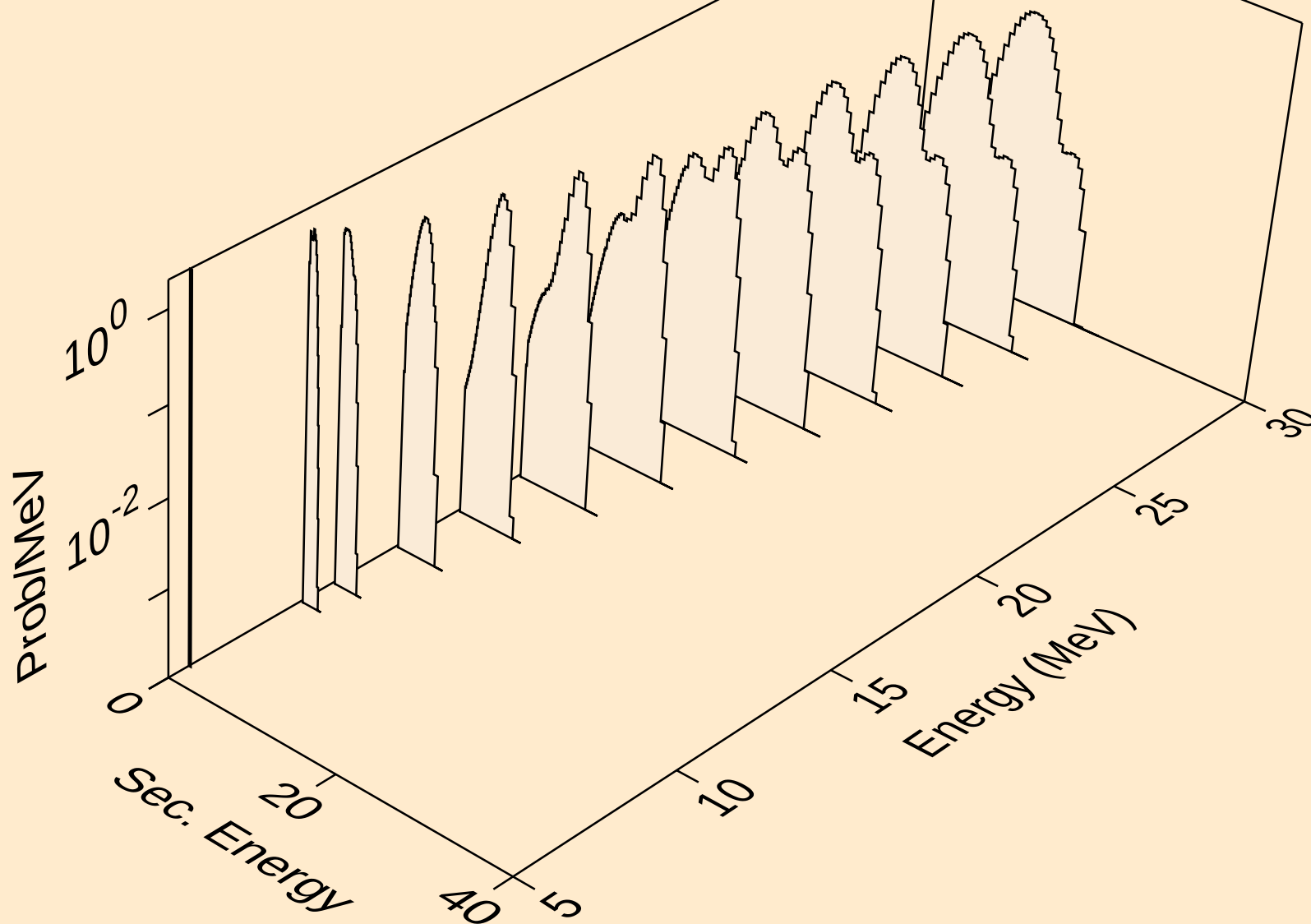
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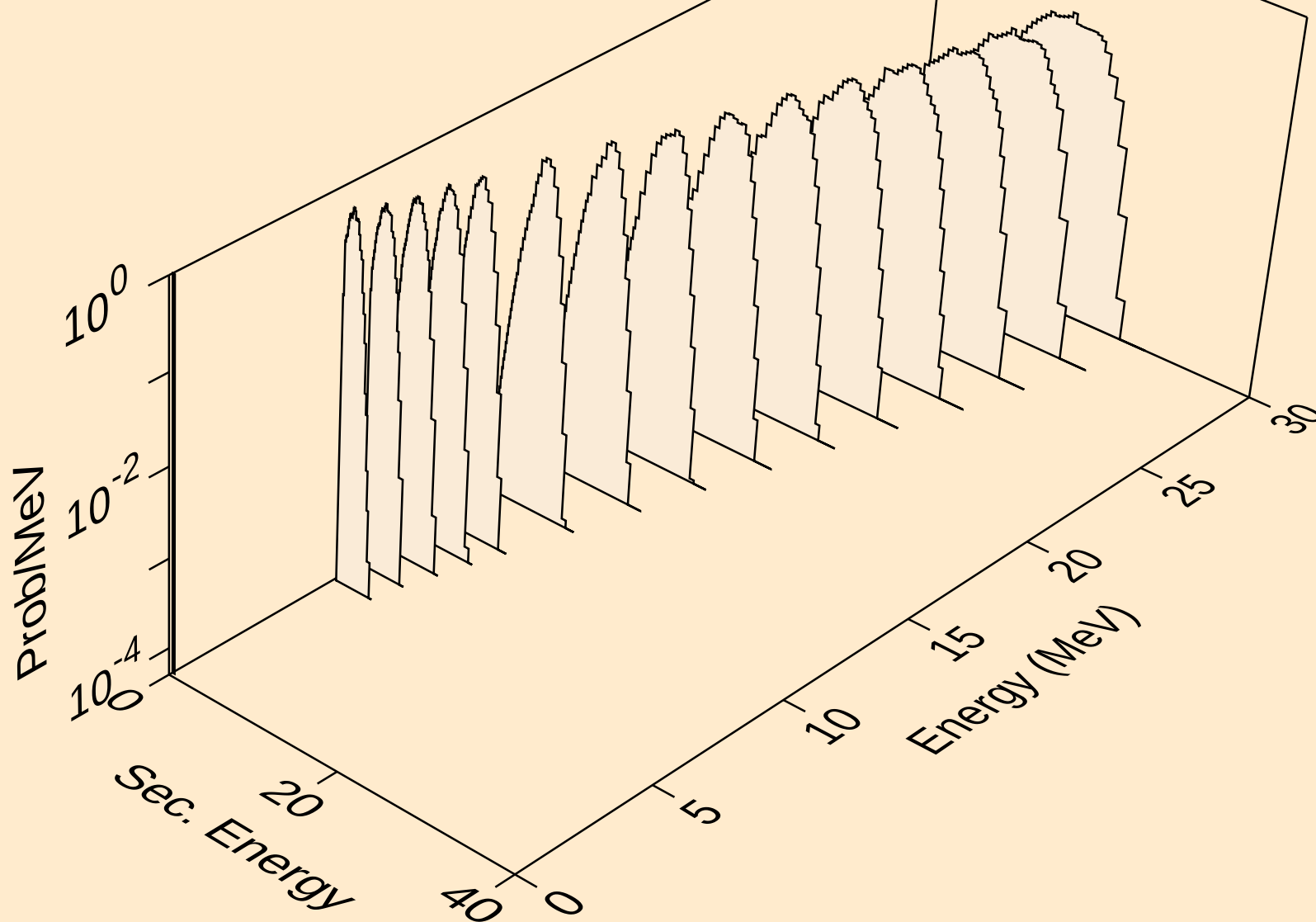
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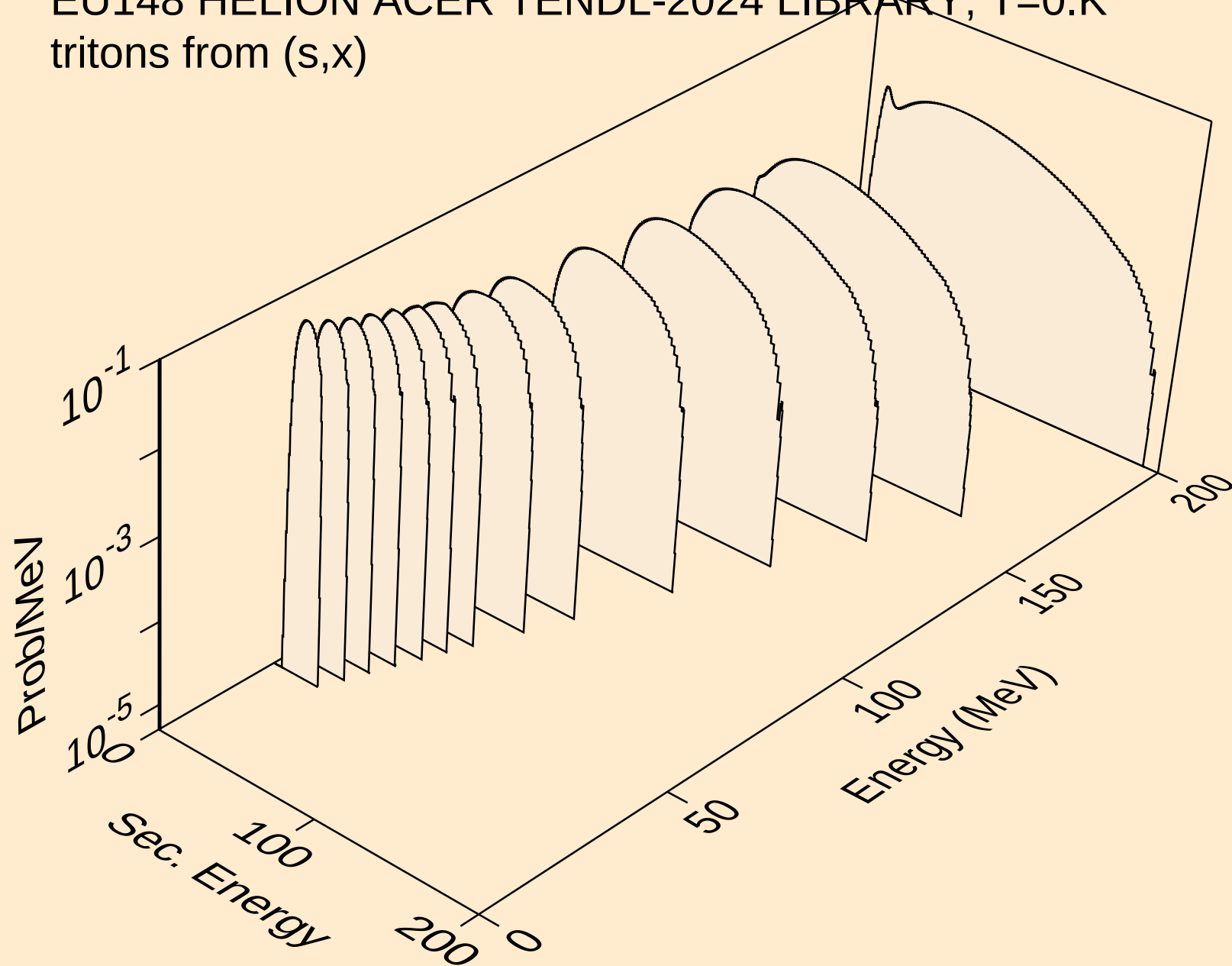
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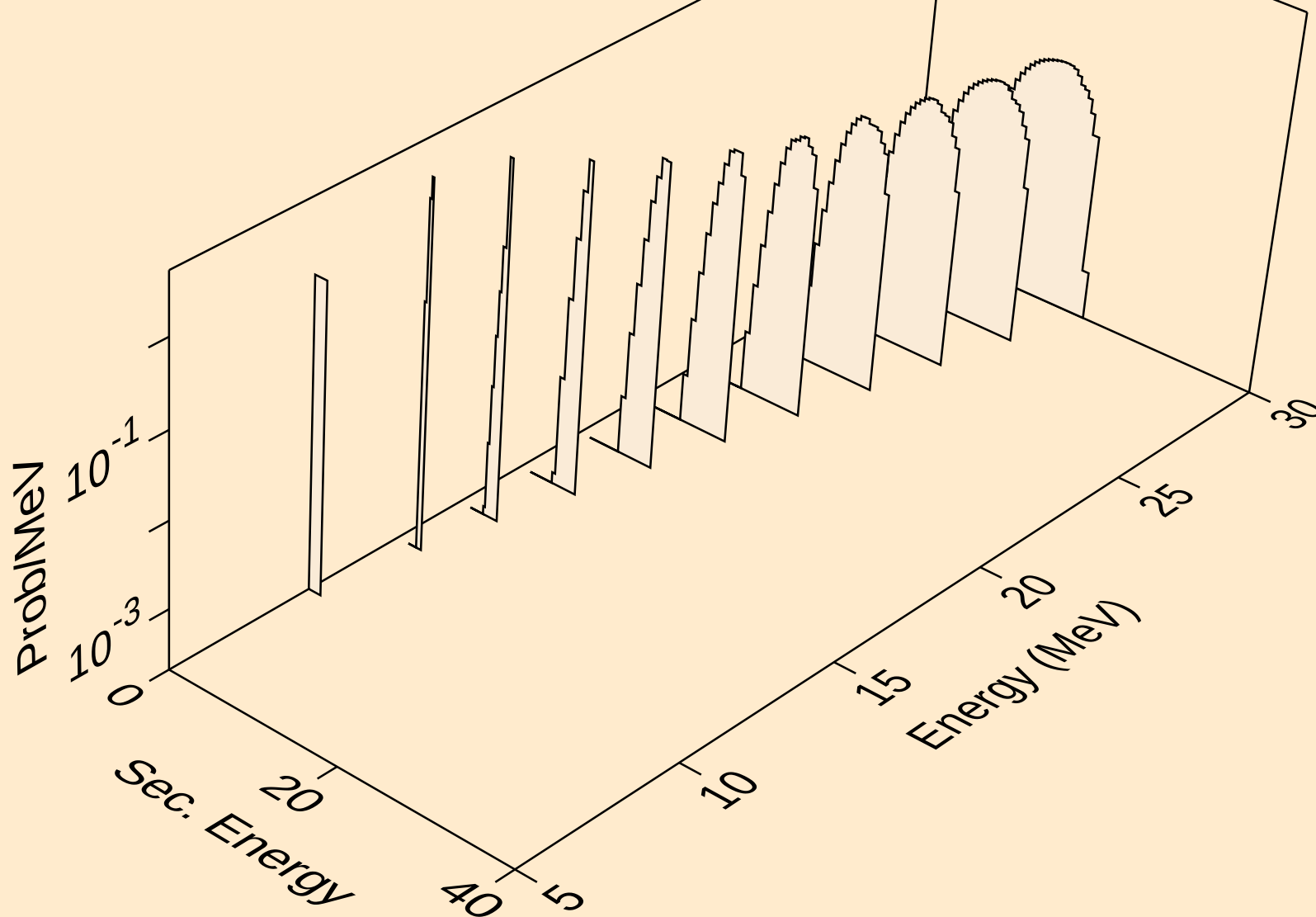
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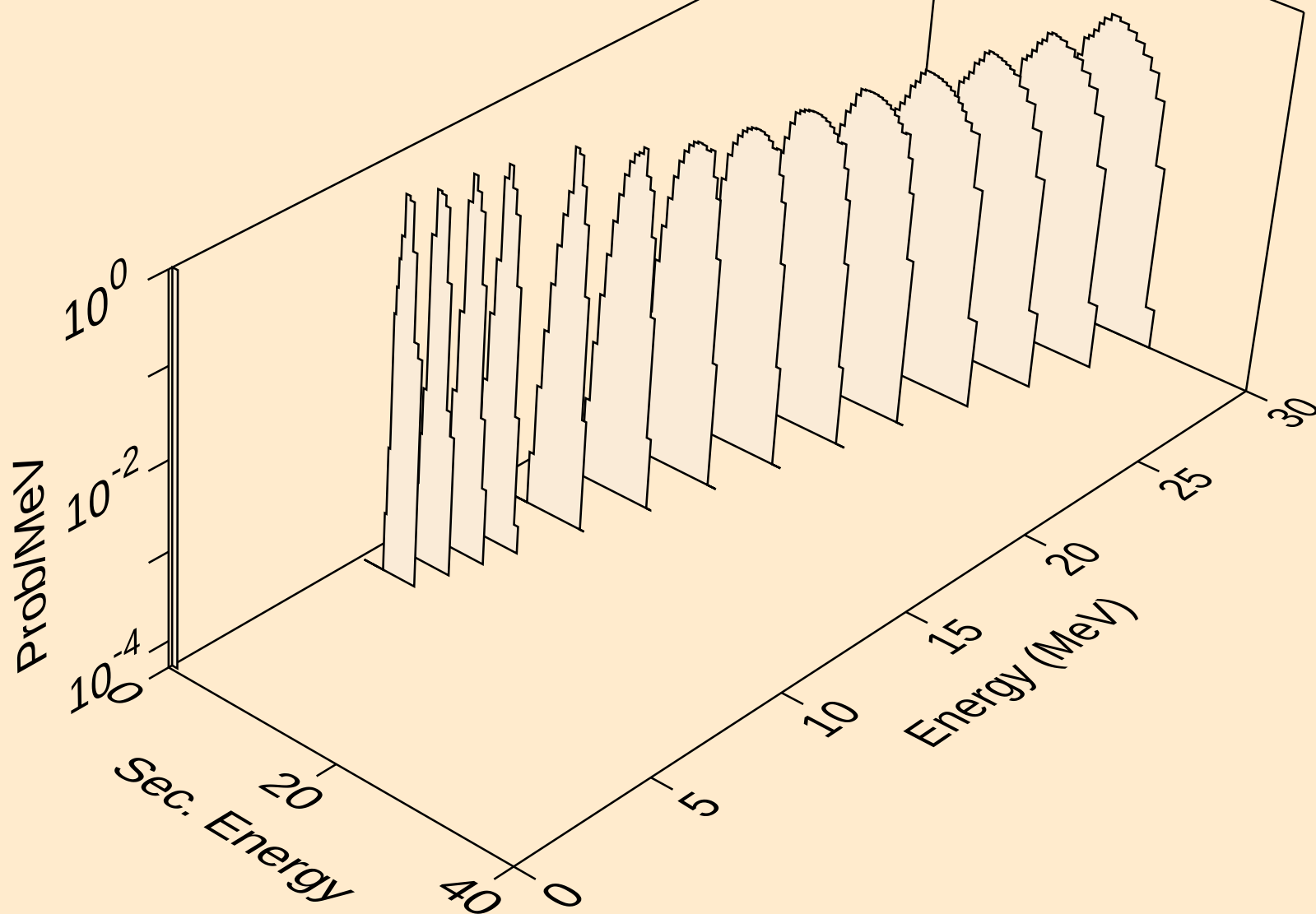
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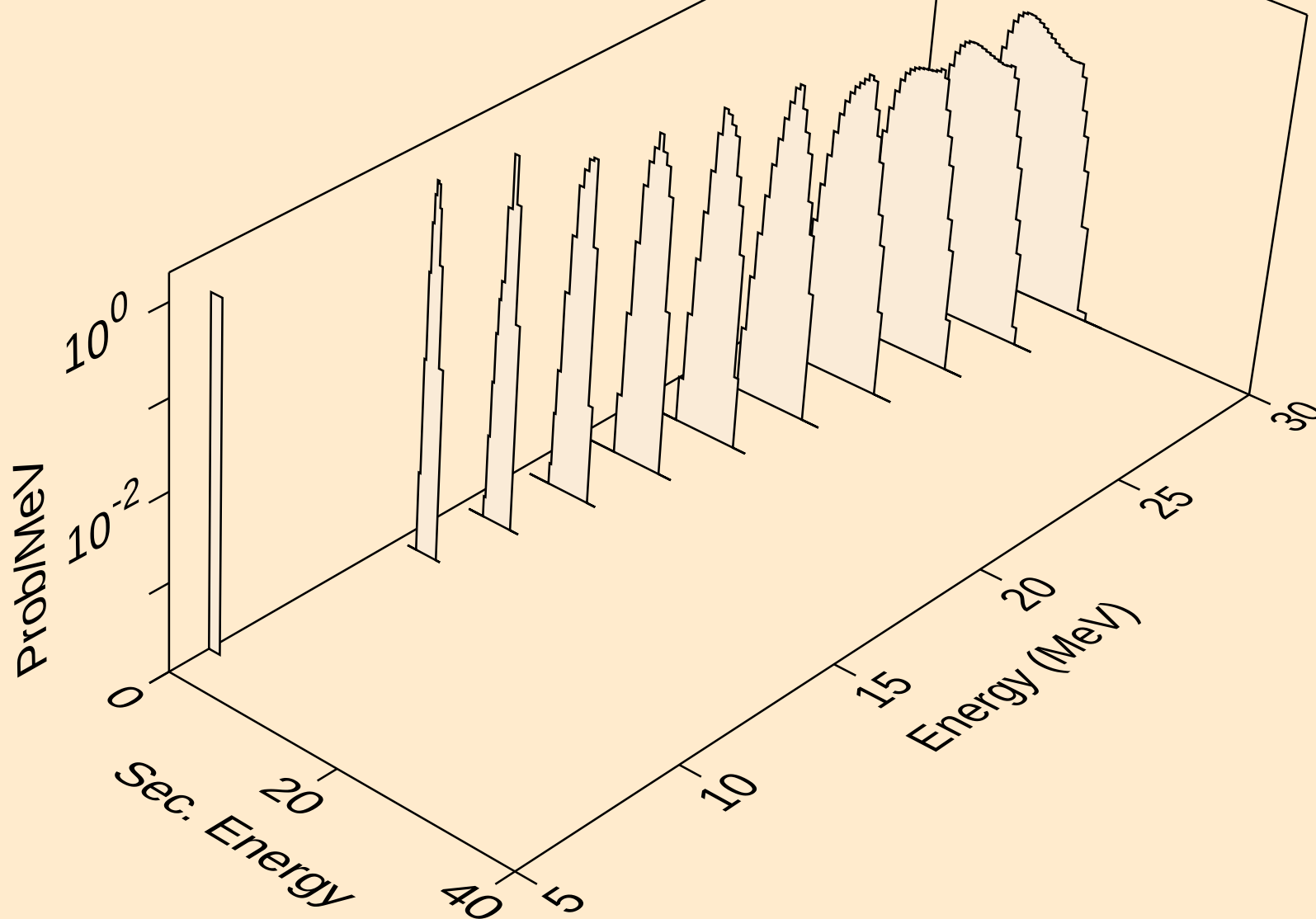
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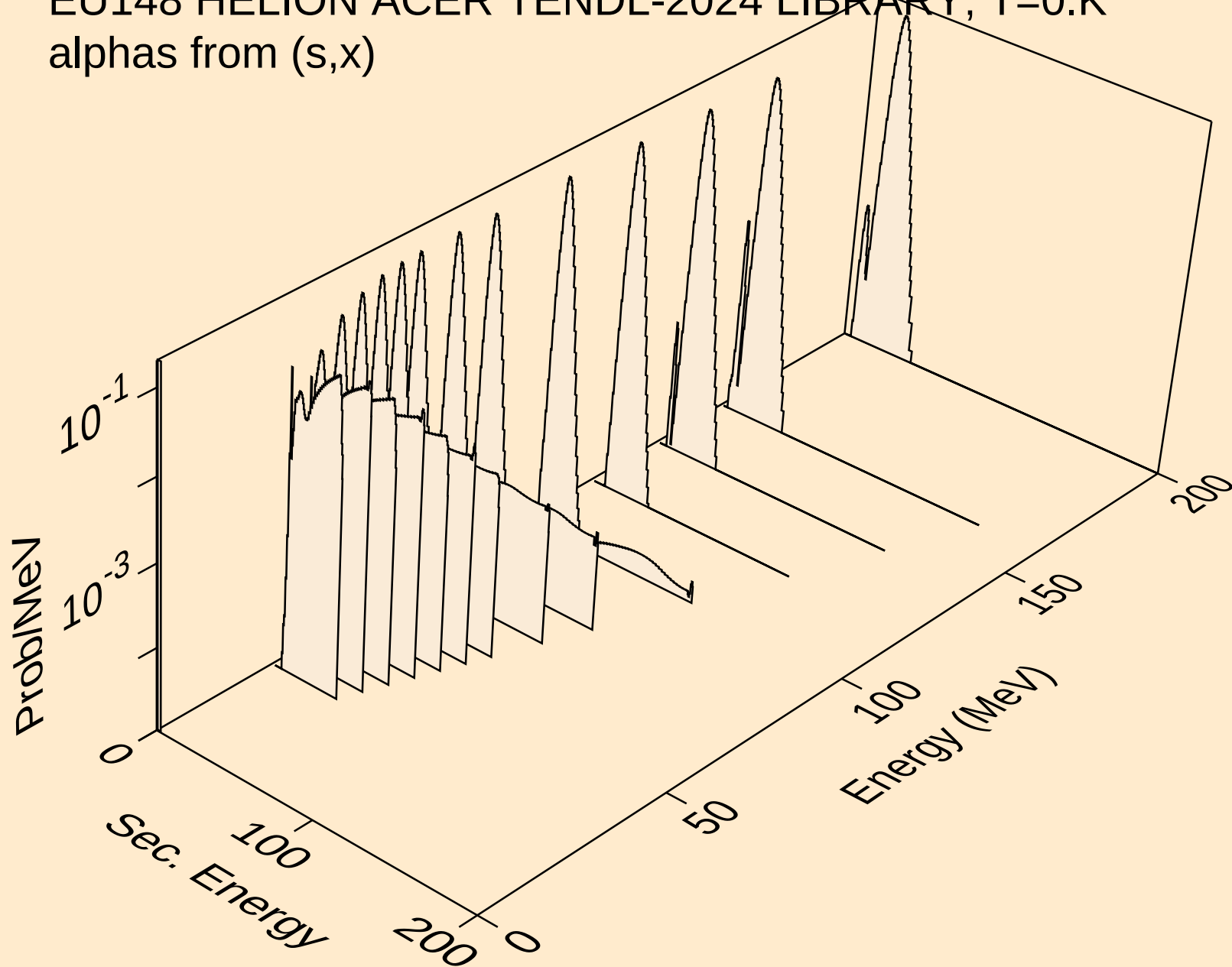
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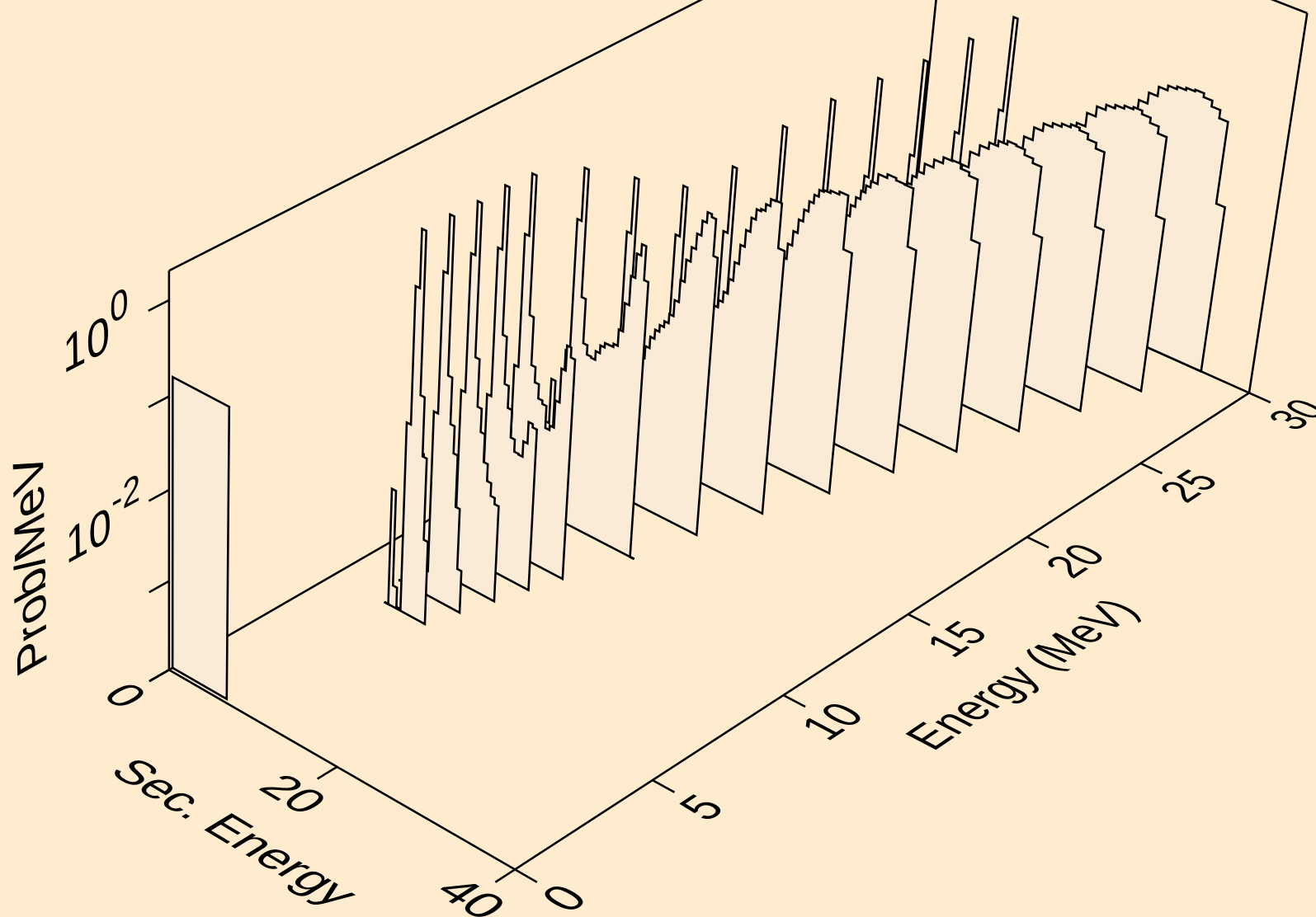
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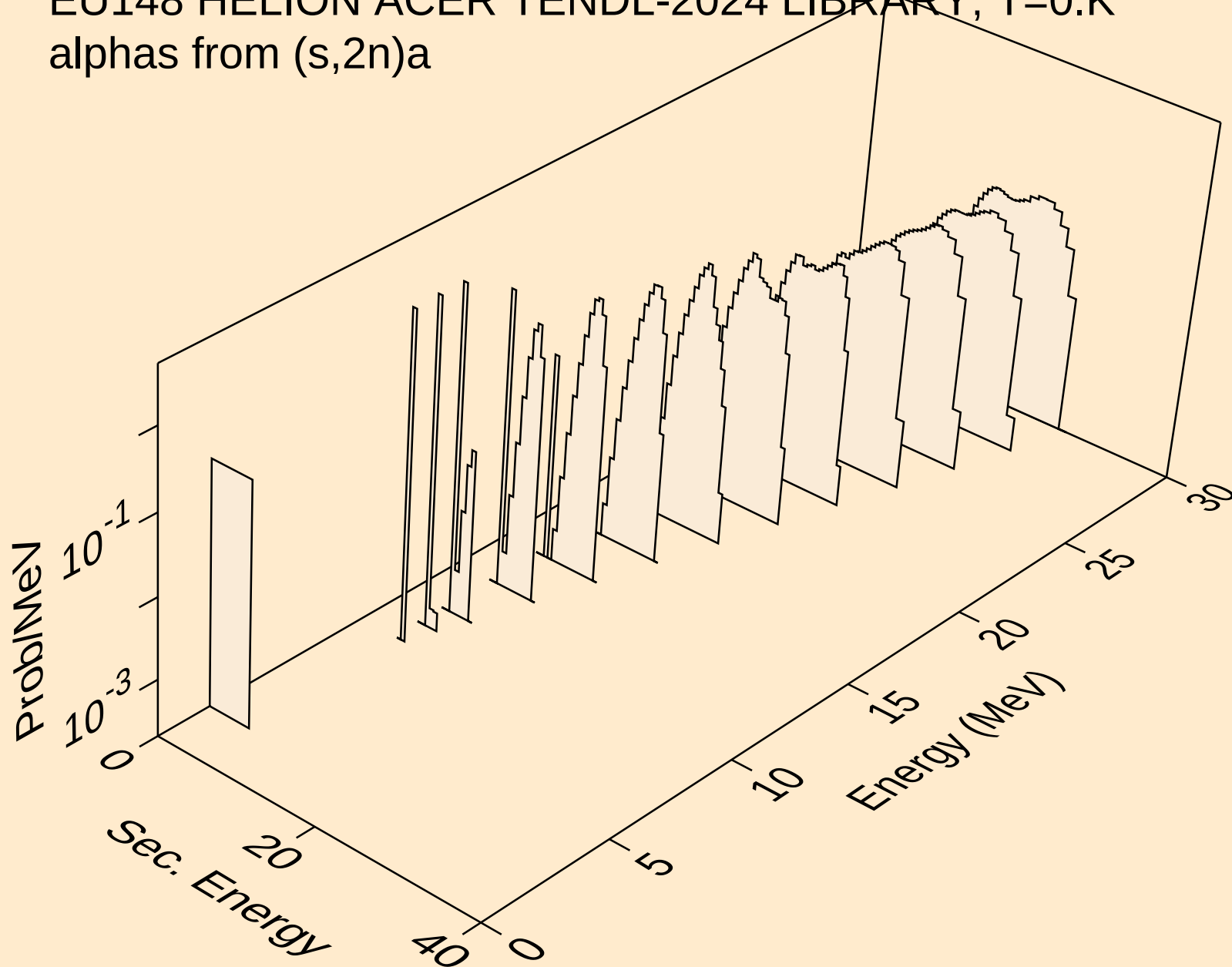
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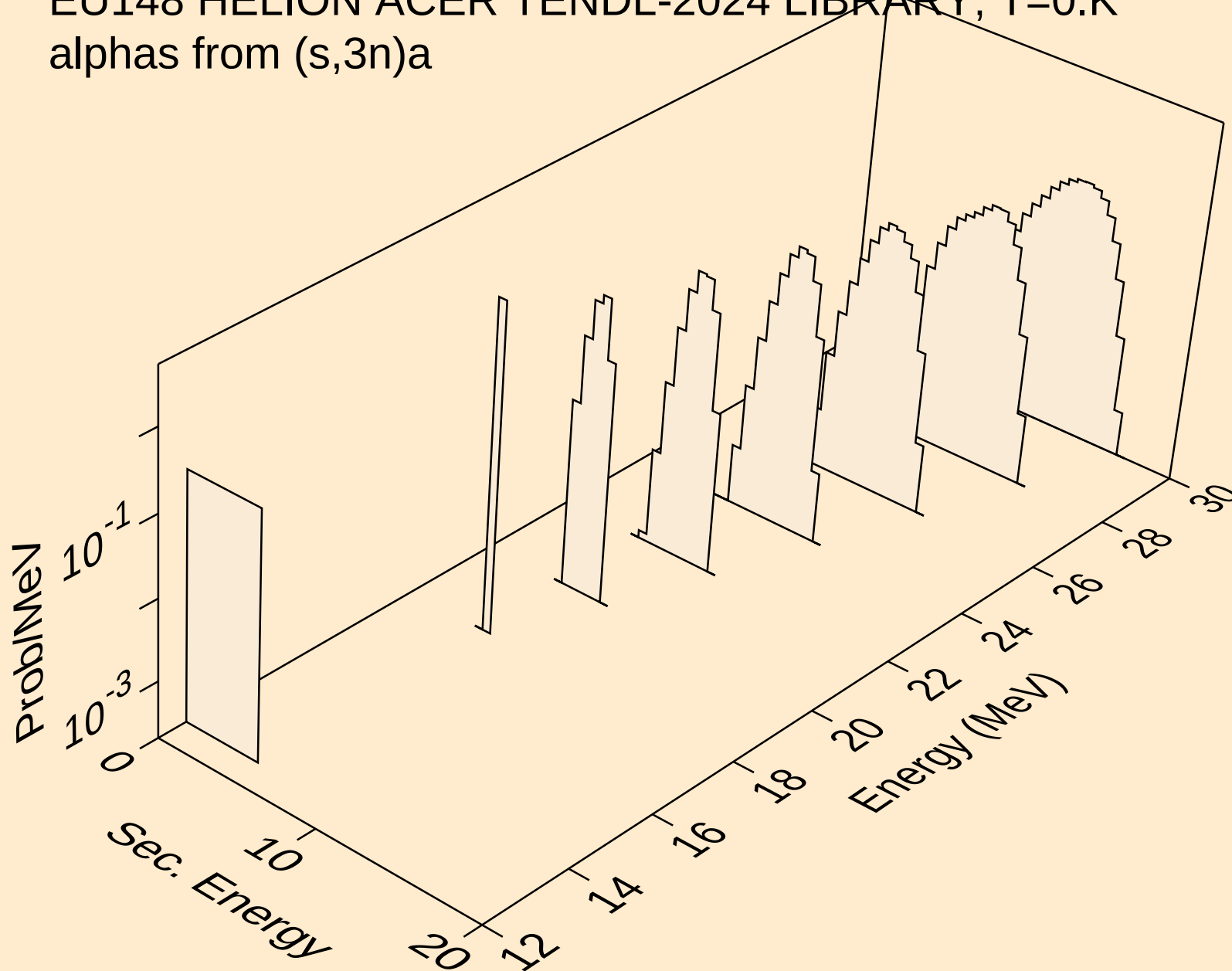
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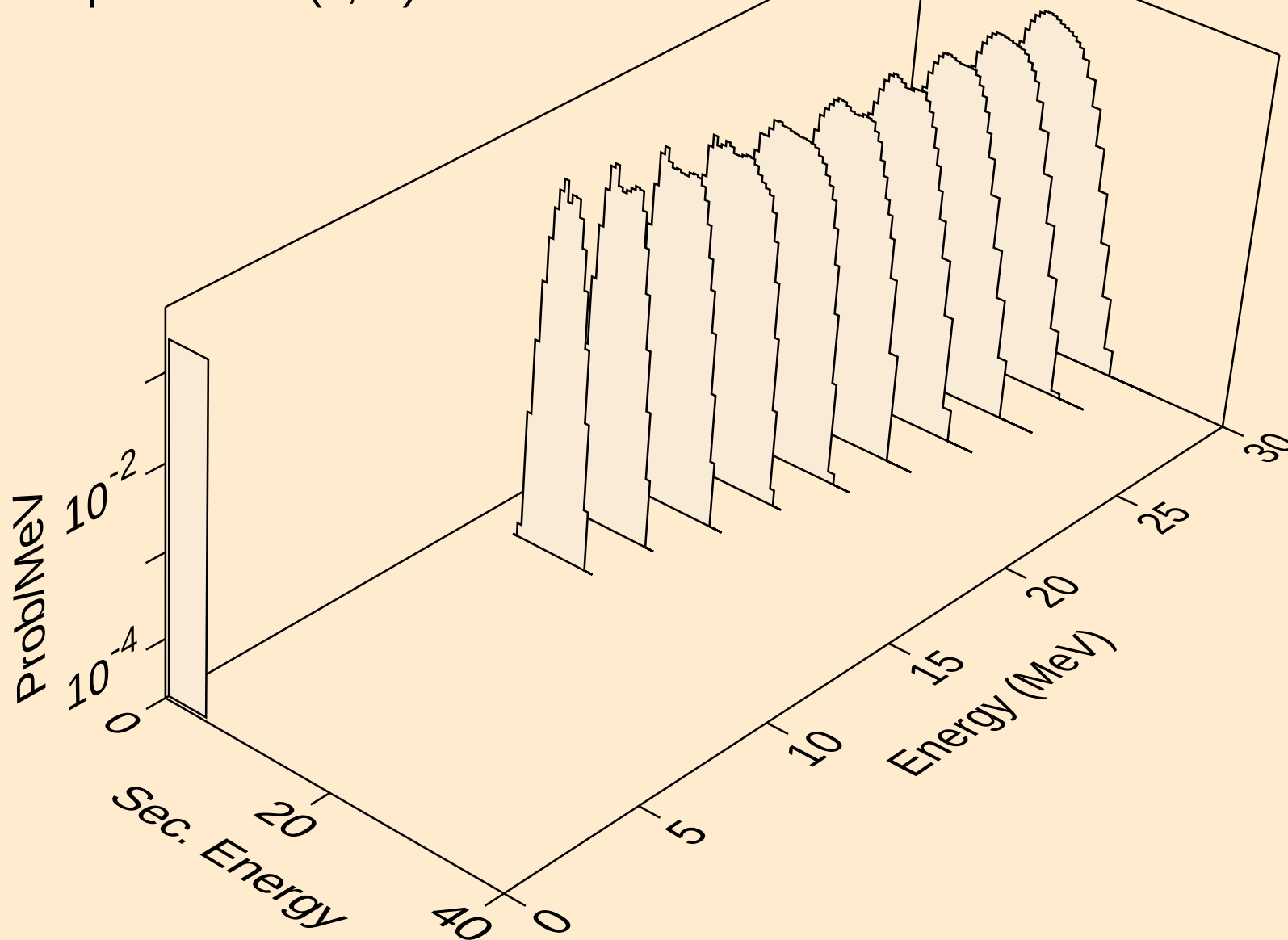
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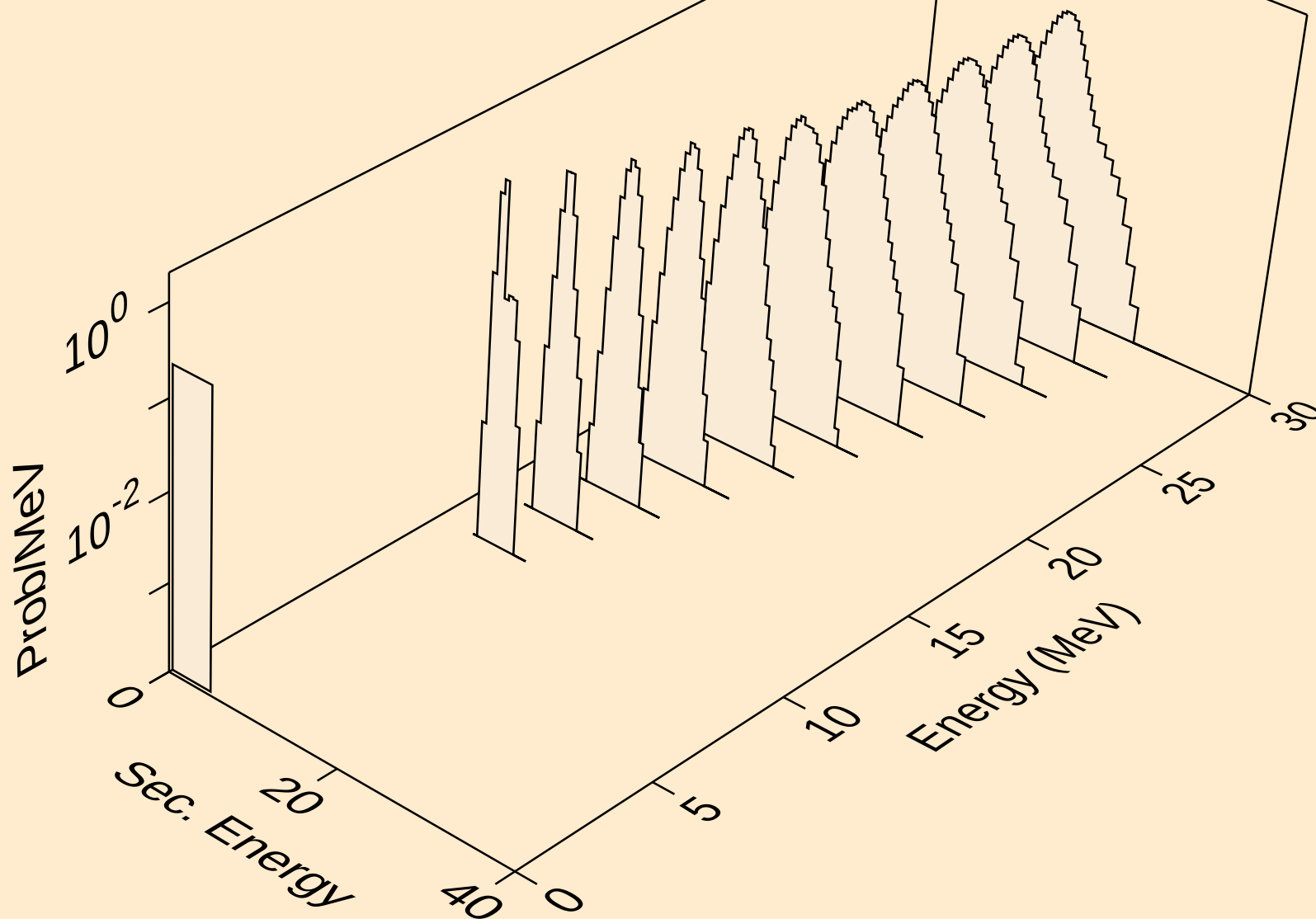
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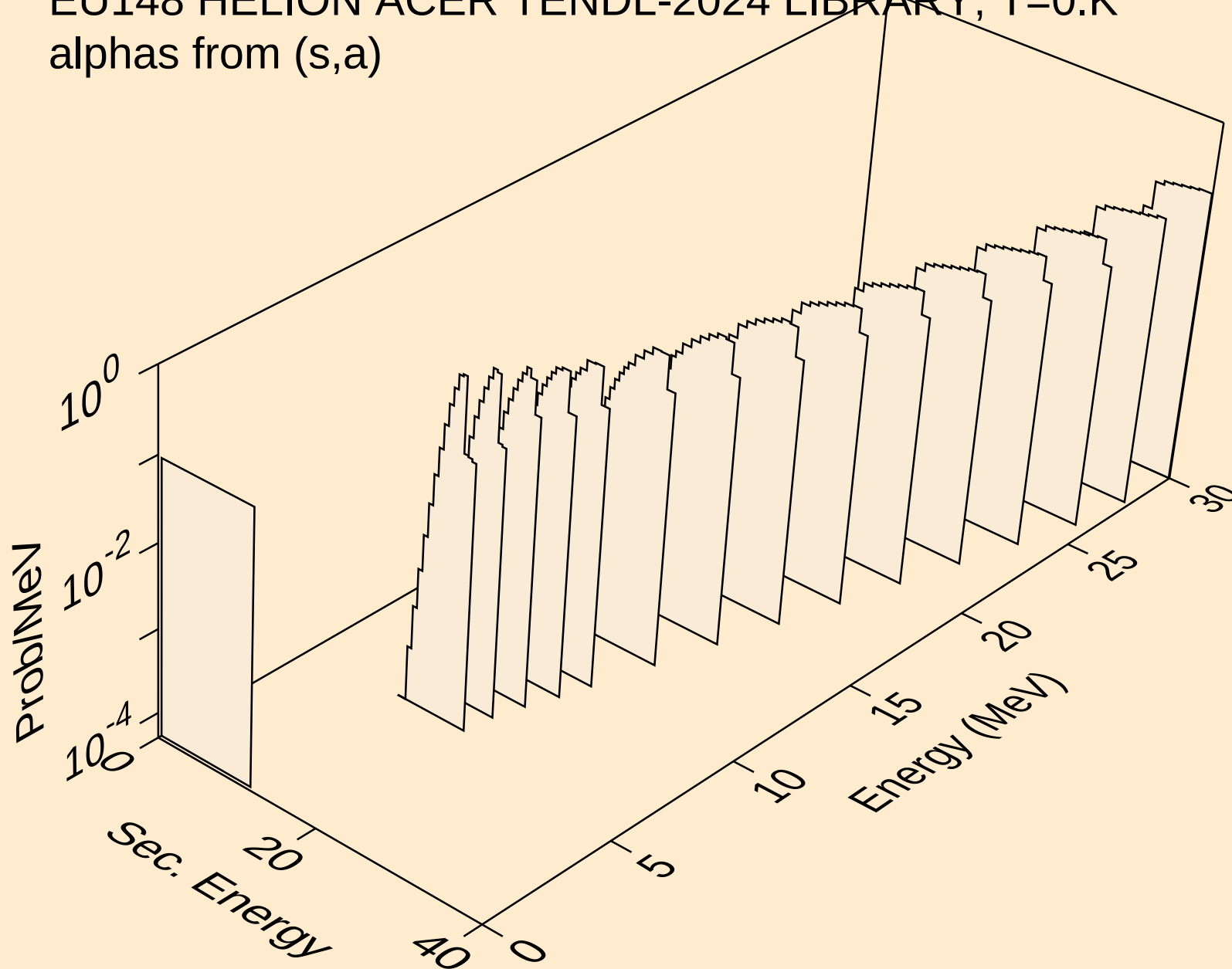
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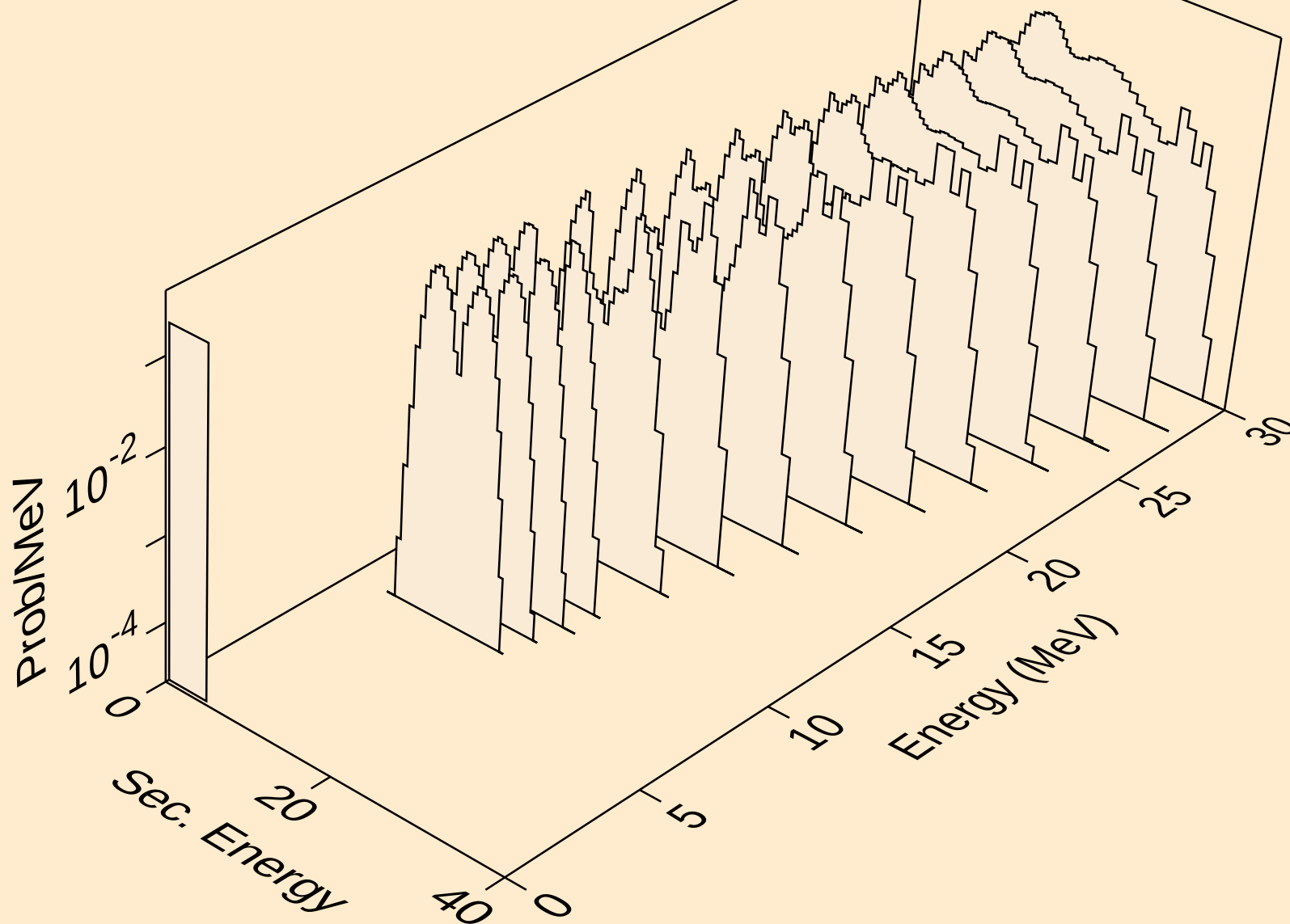
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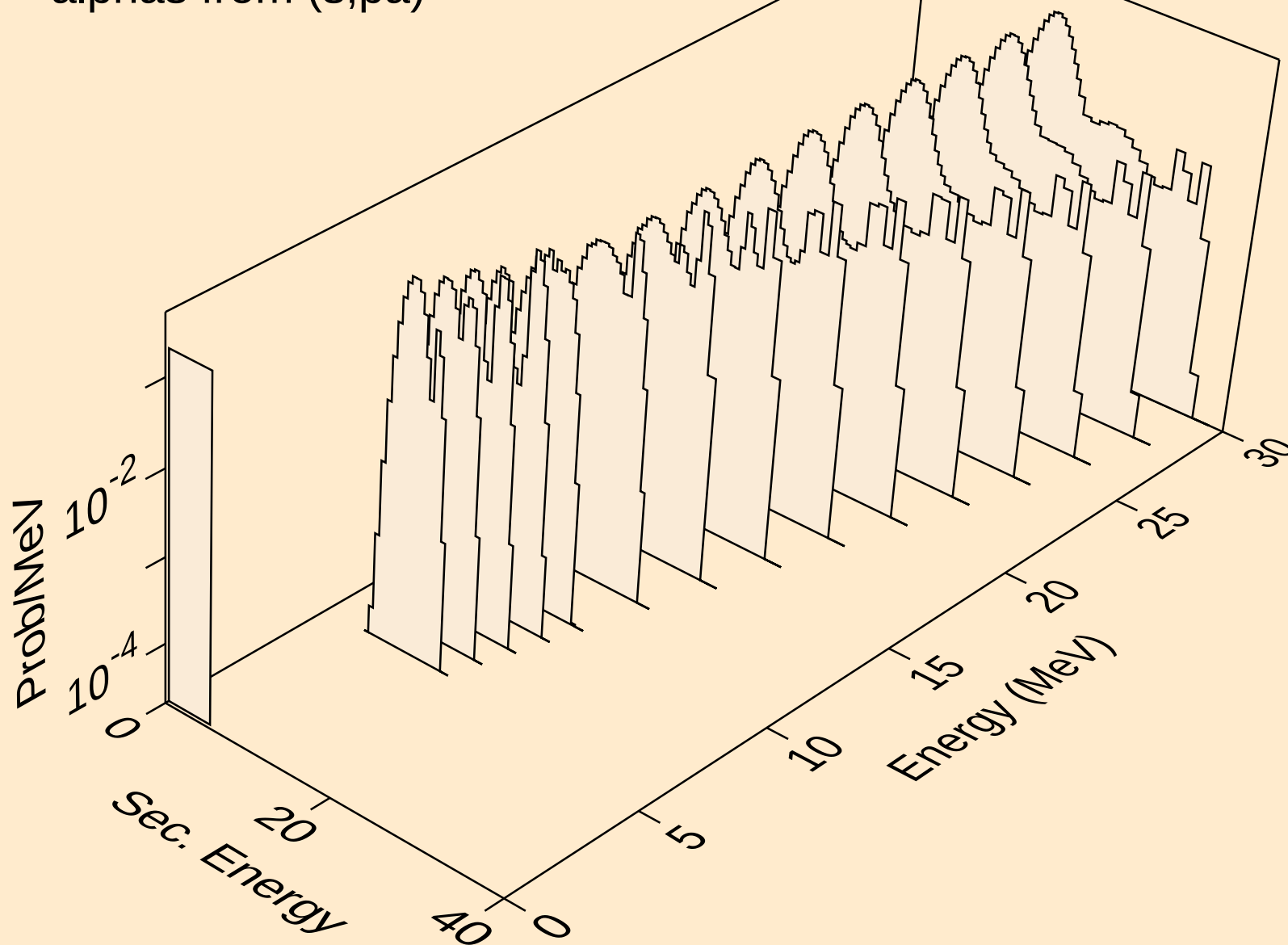
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alphas from (s,a)



EU148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,2a)



EU148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,pa)



EU148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,da)

