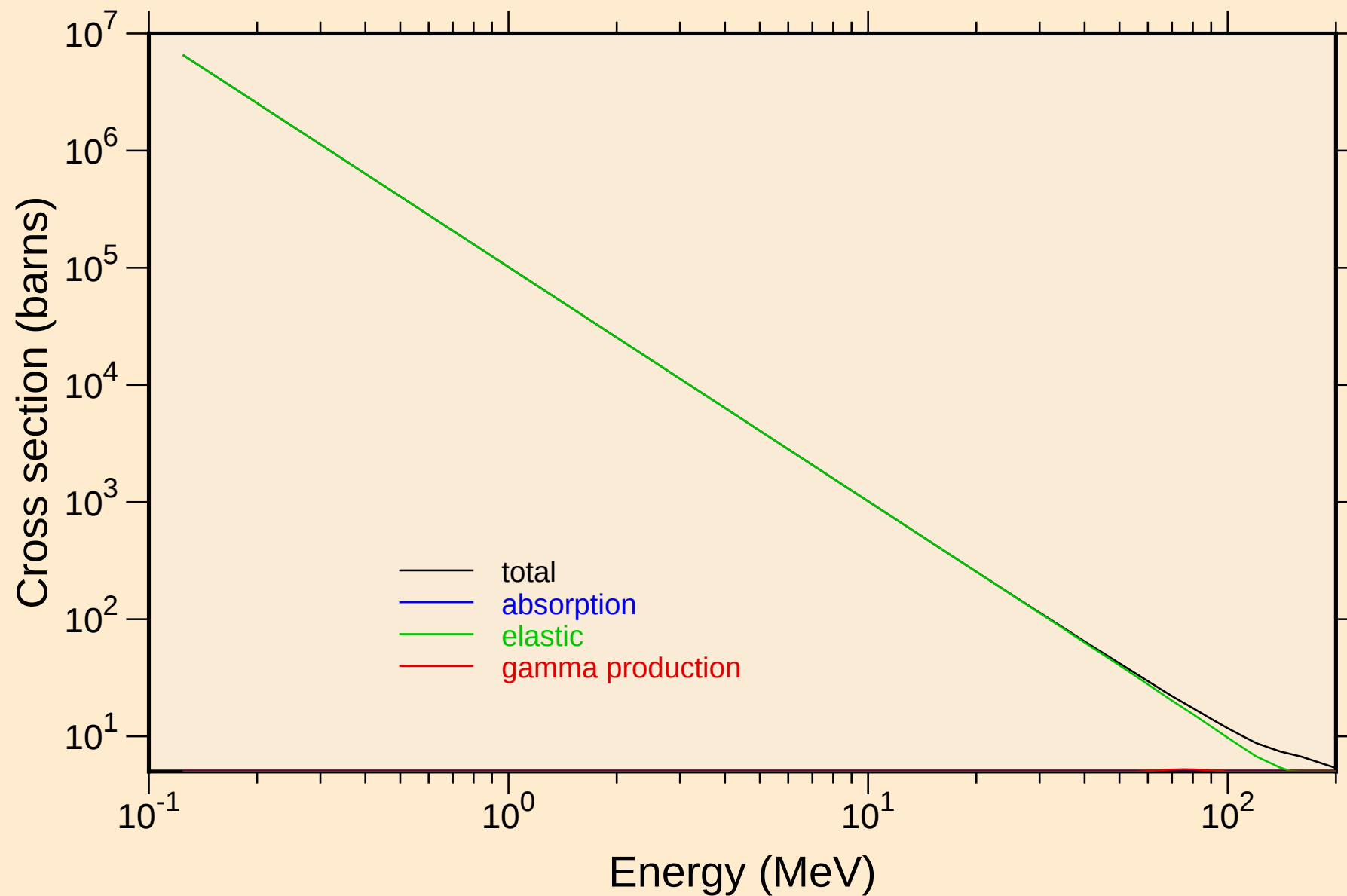


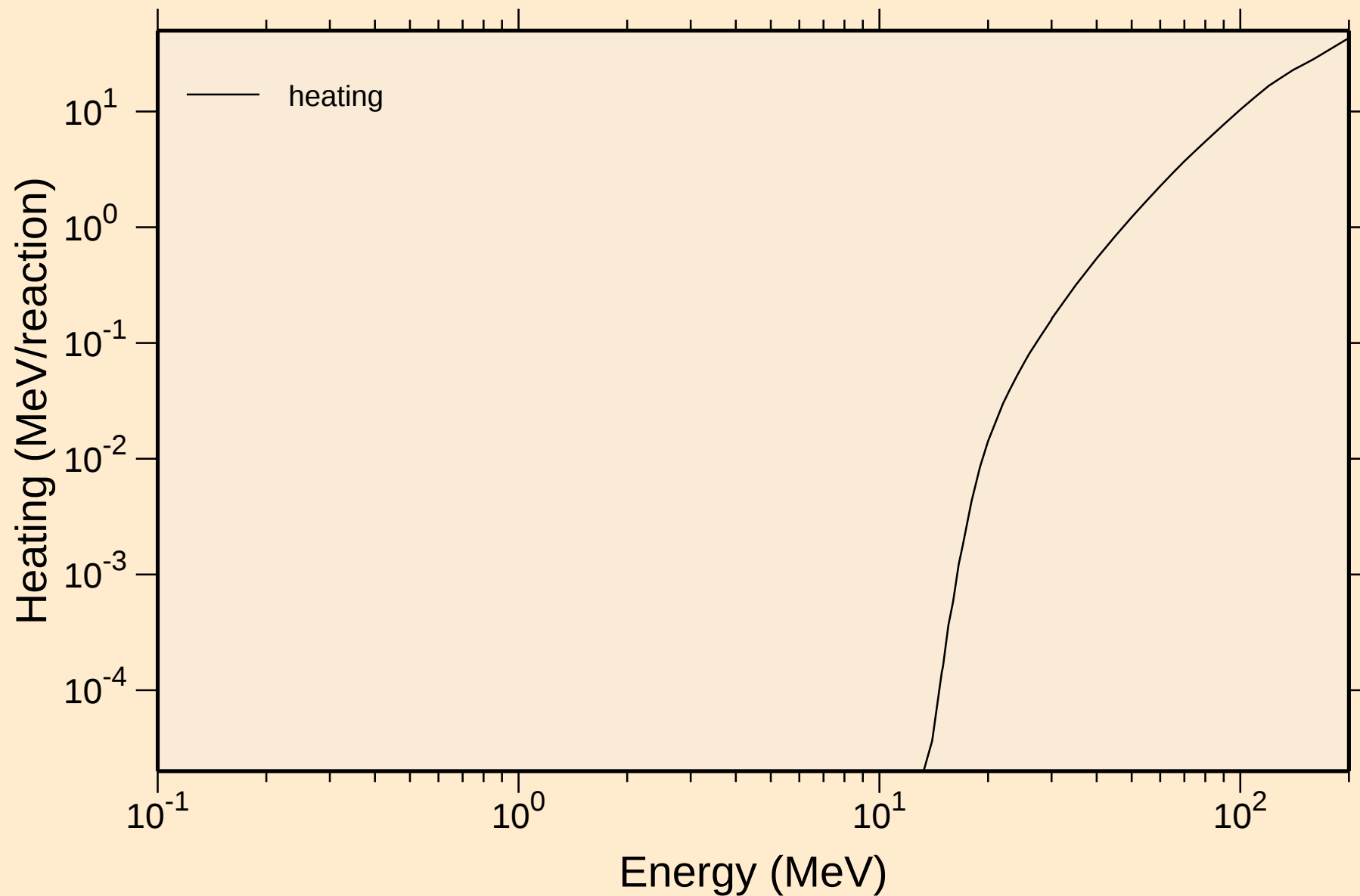
# EU141 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



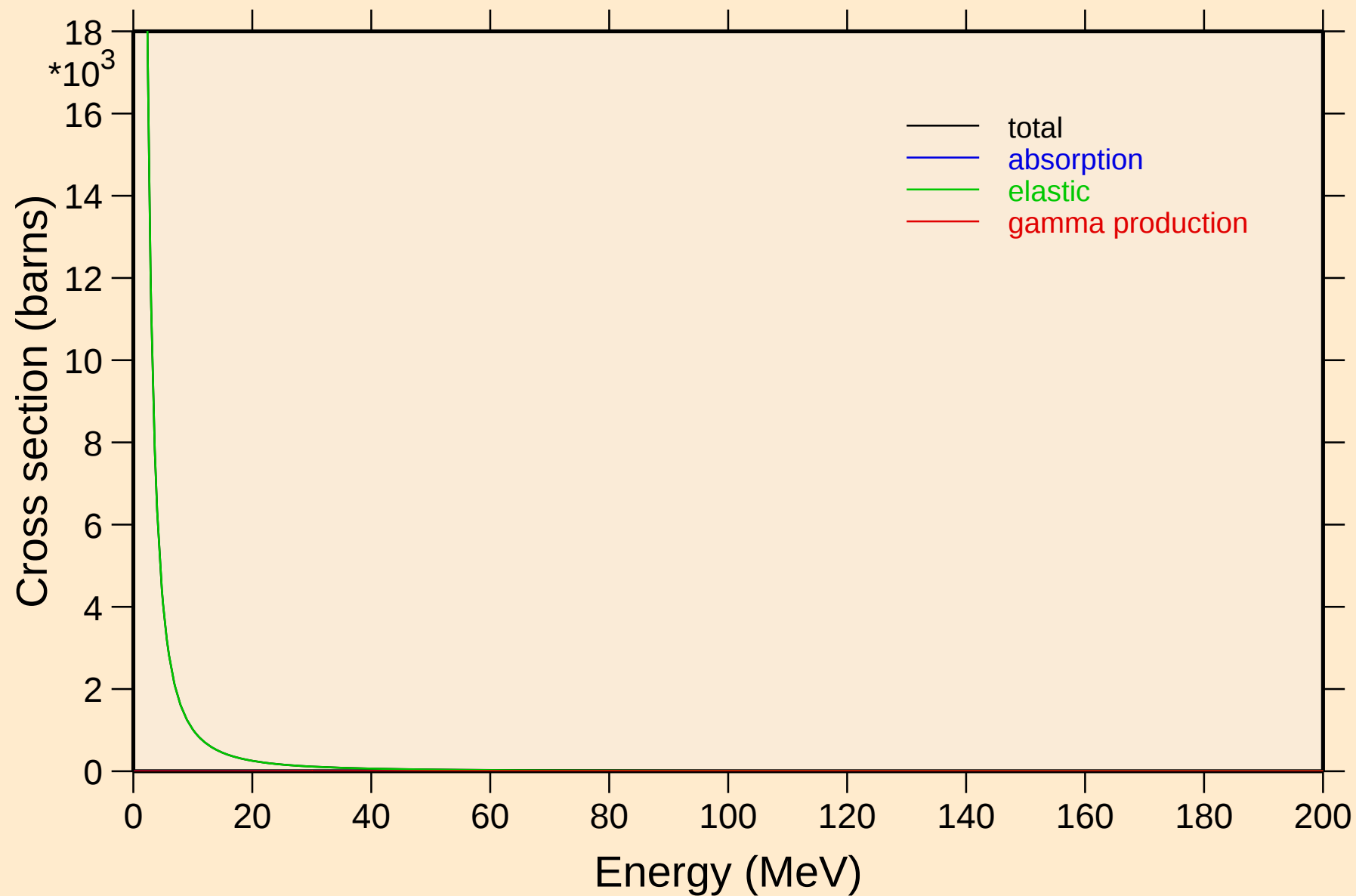
# EU141 HELION ACER TENDL-2024 LIBRARY; T=0.K

Heating



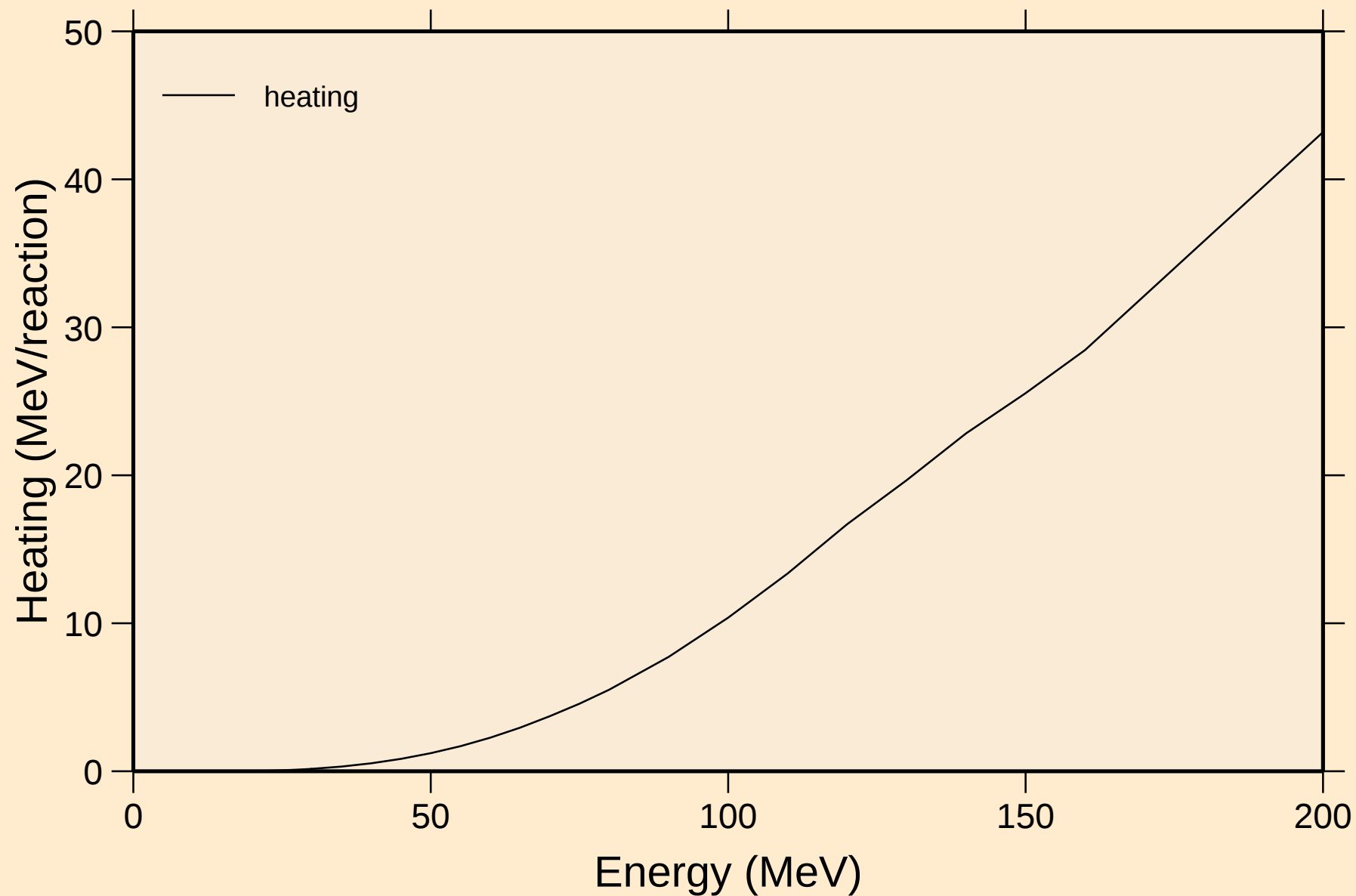
# EU141 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



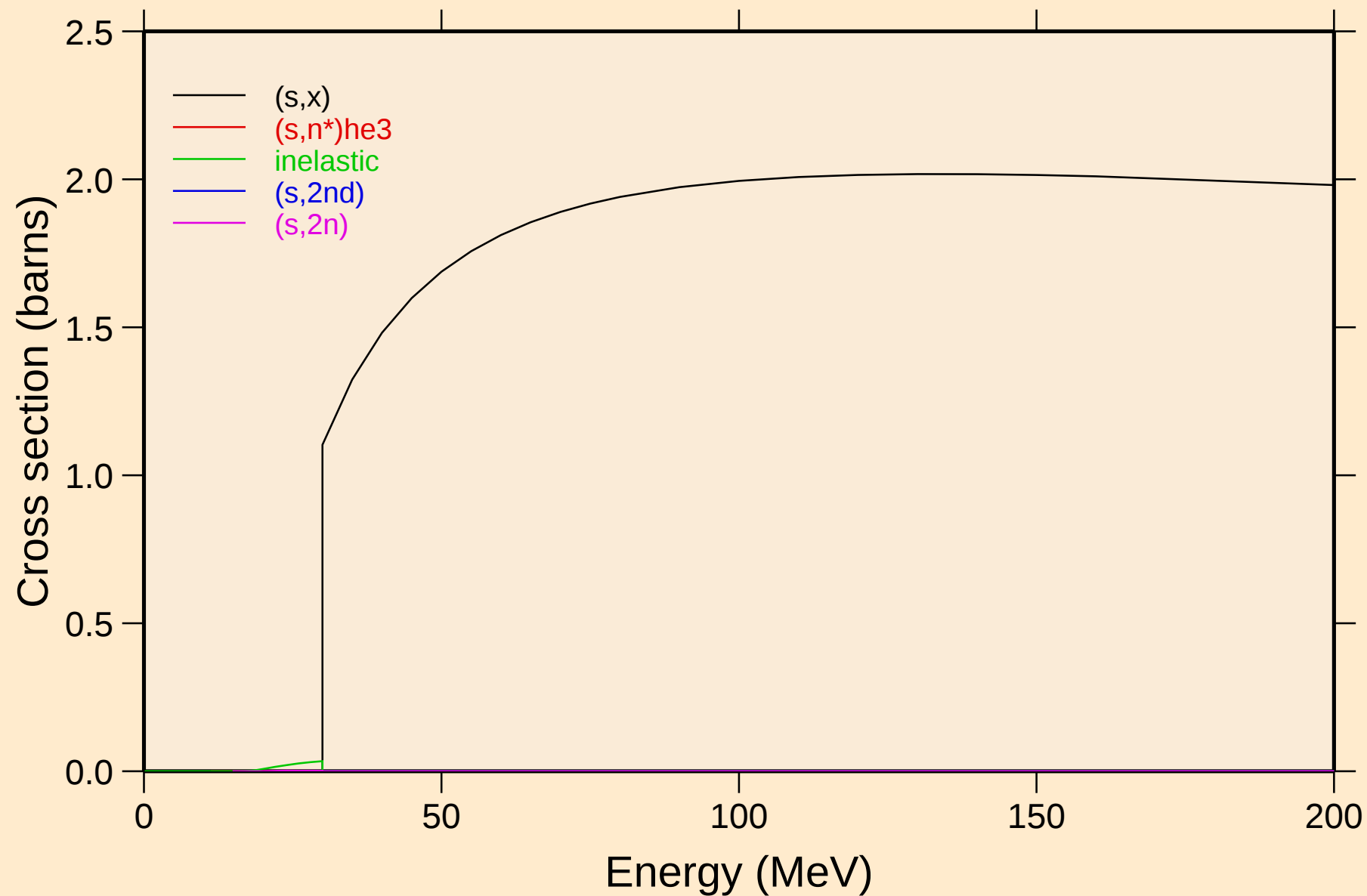
# EU141 HELION ACER TENDL-2024 LIBRARY; T=0.K

Heating



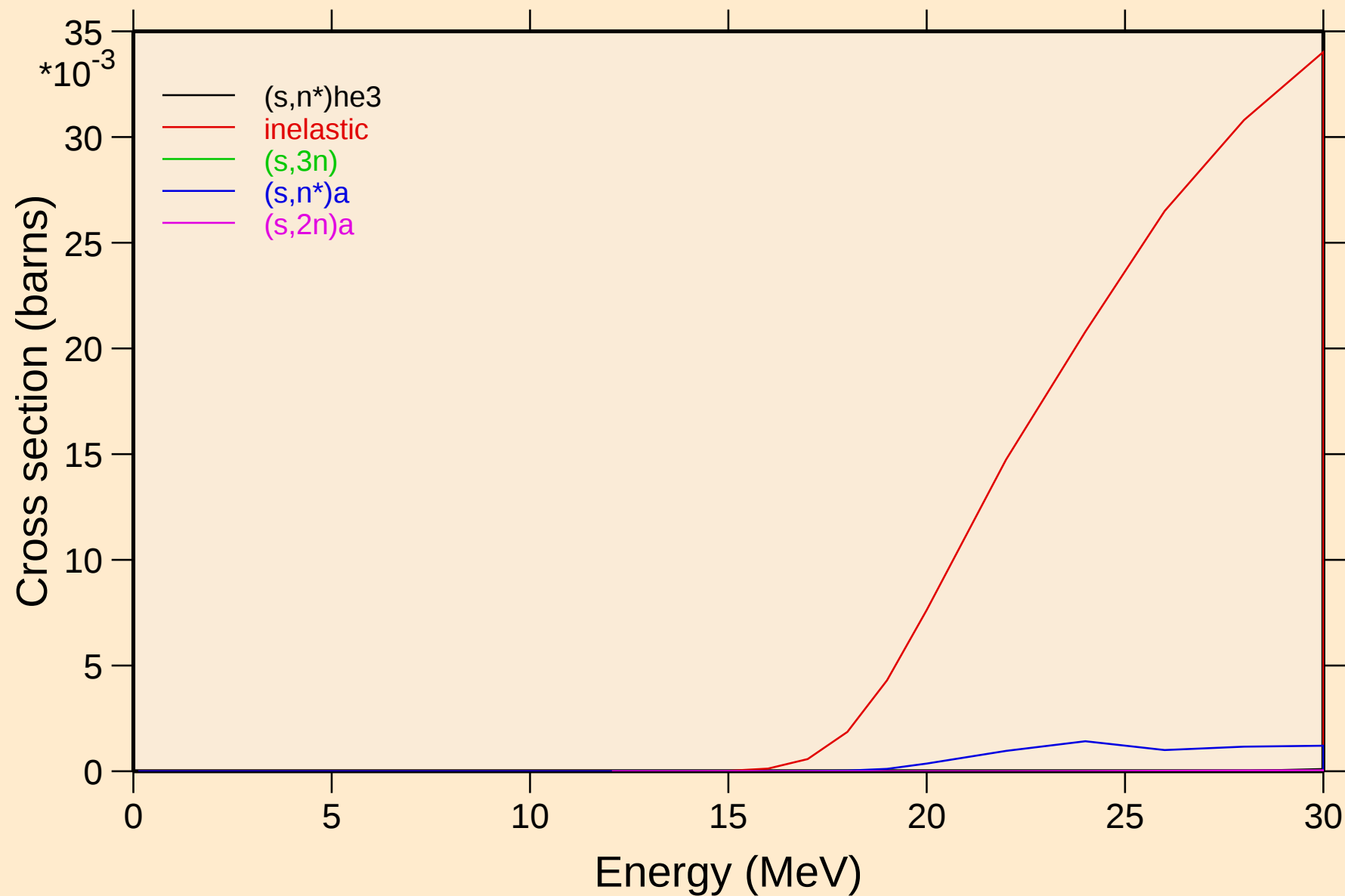
# EU141 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



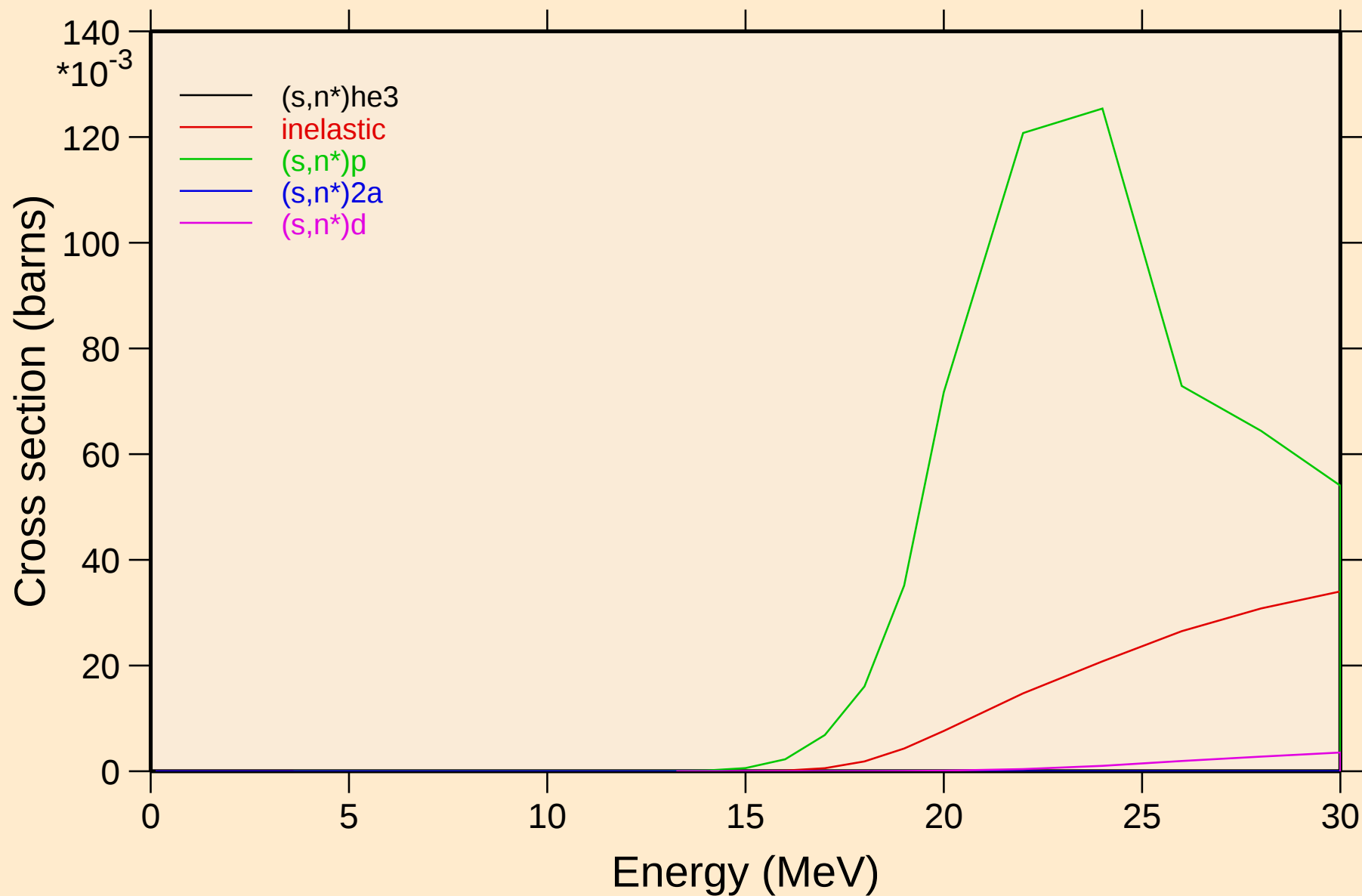
# EU141 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



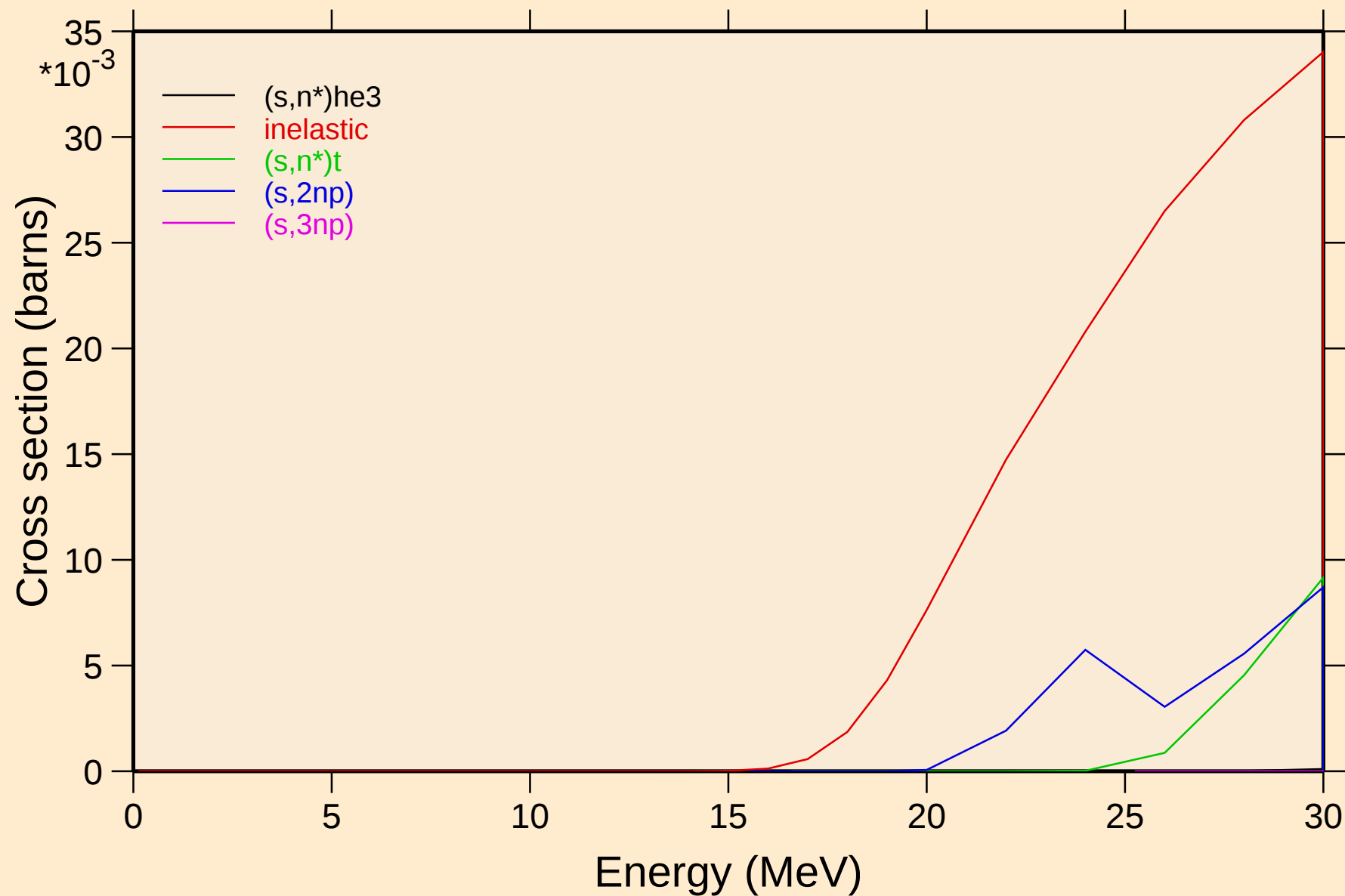
# EU141 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



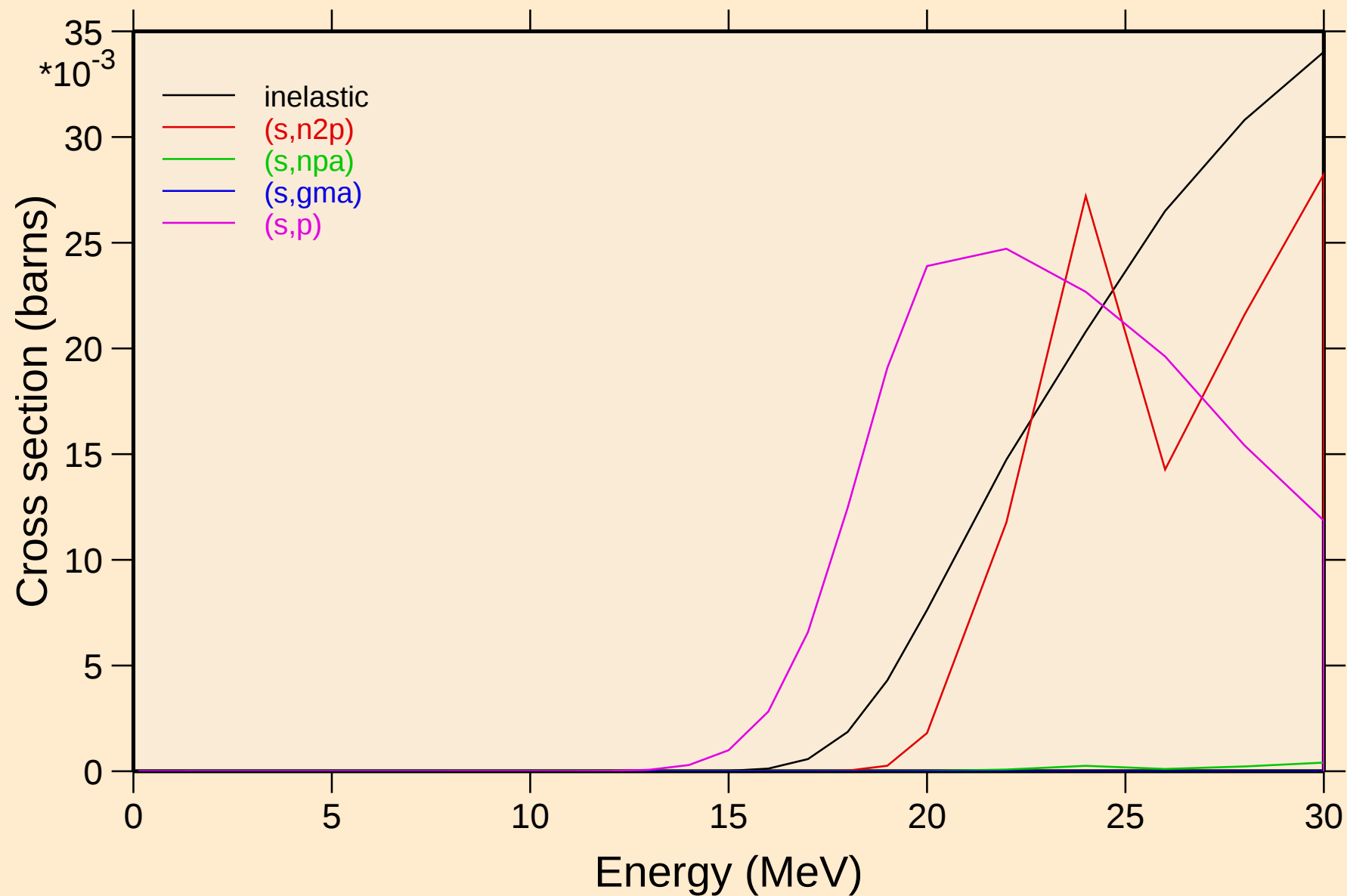
# EU141 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



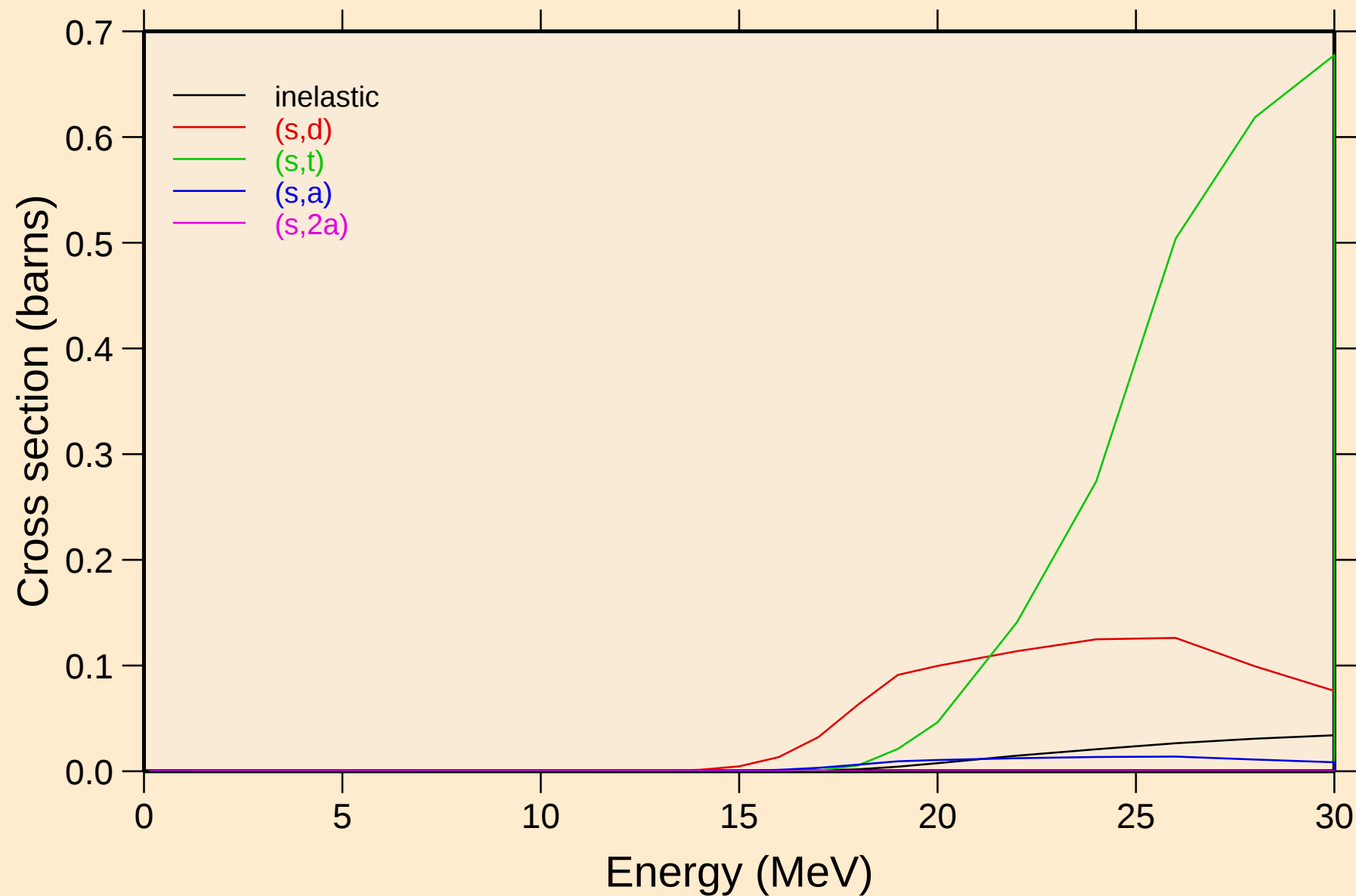
# EU141 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



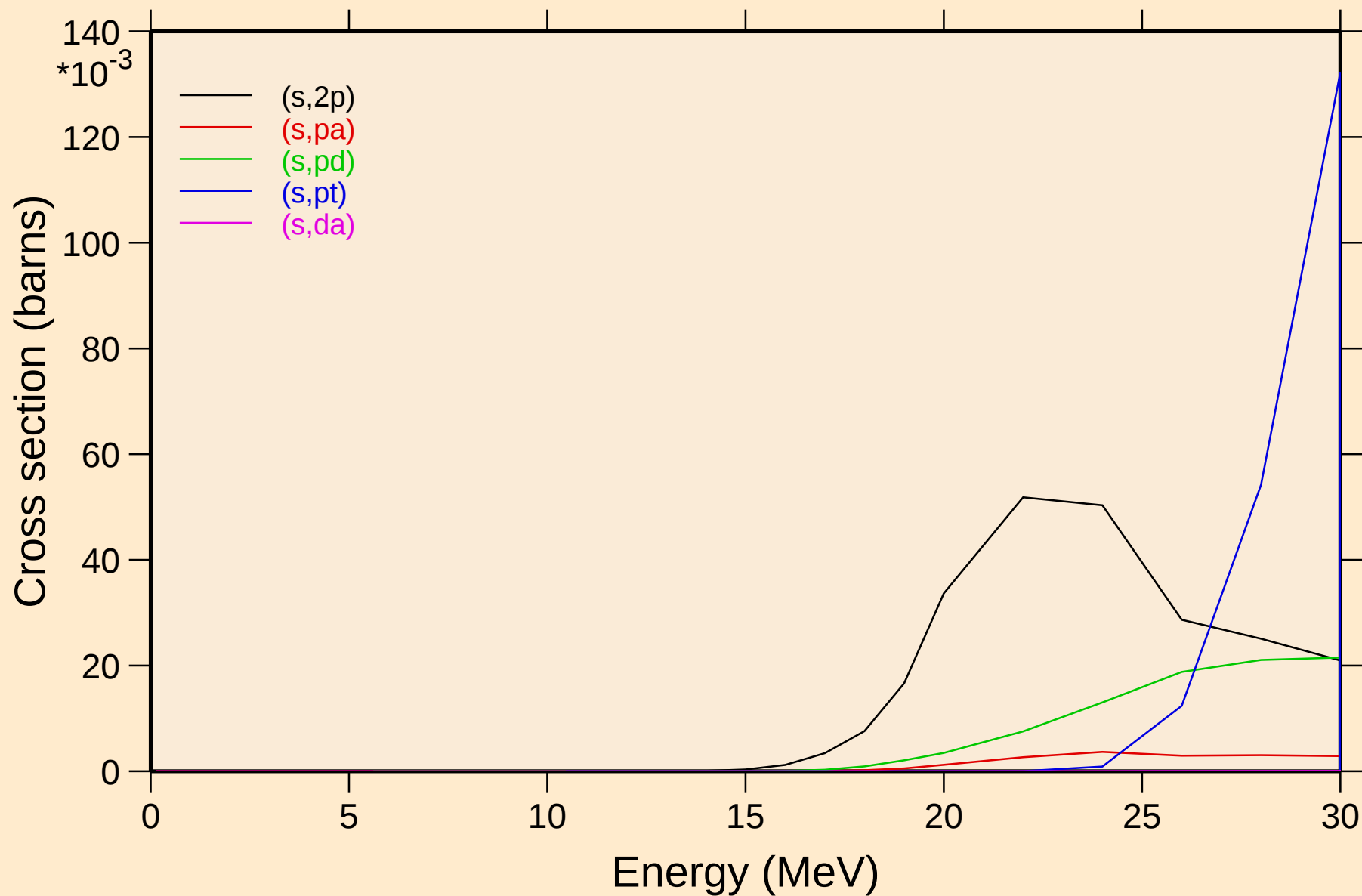
# EU141 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

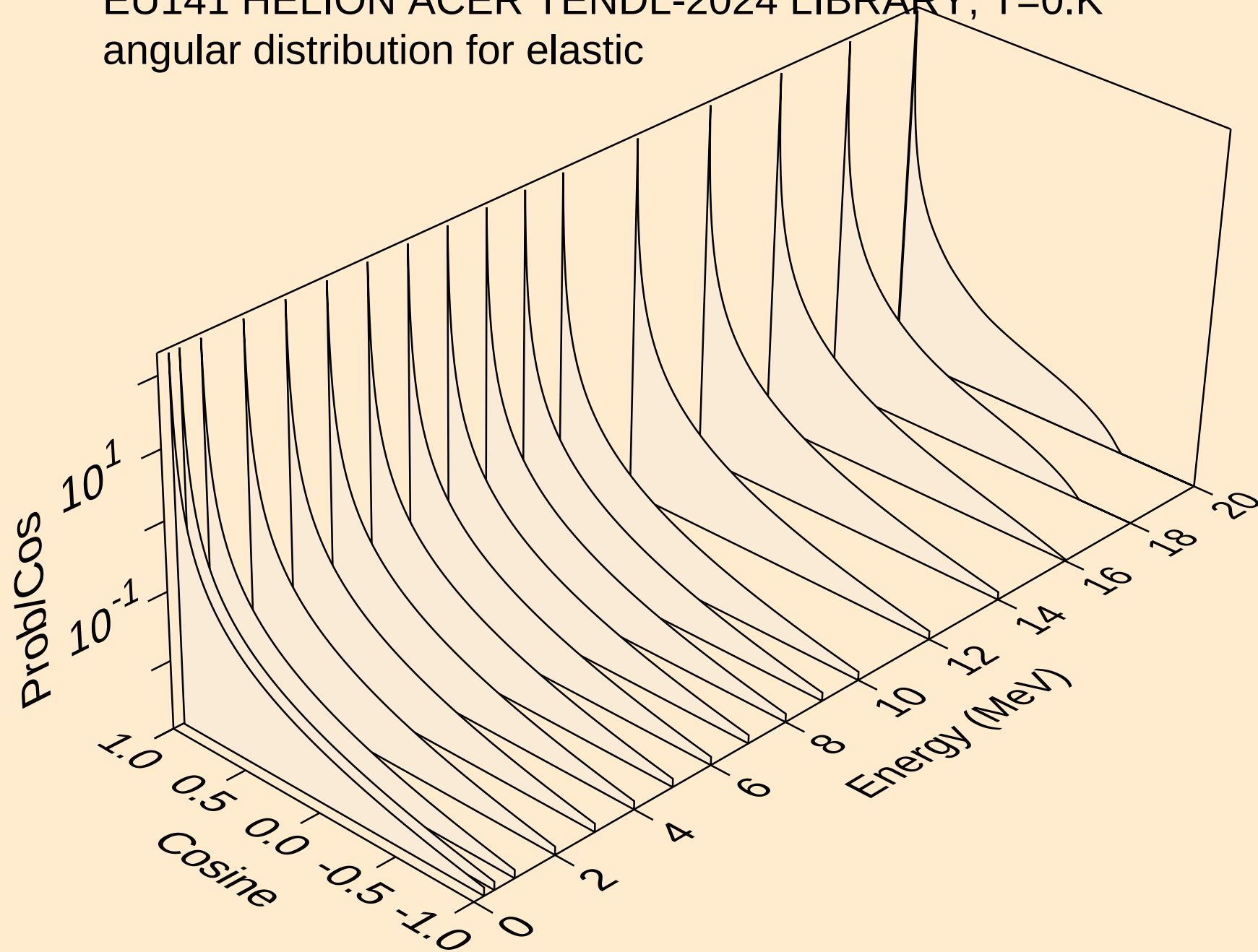


# EU141 HELION ACER TENDL-2024 LIBRARY; T=0.K

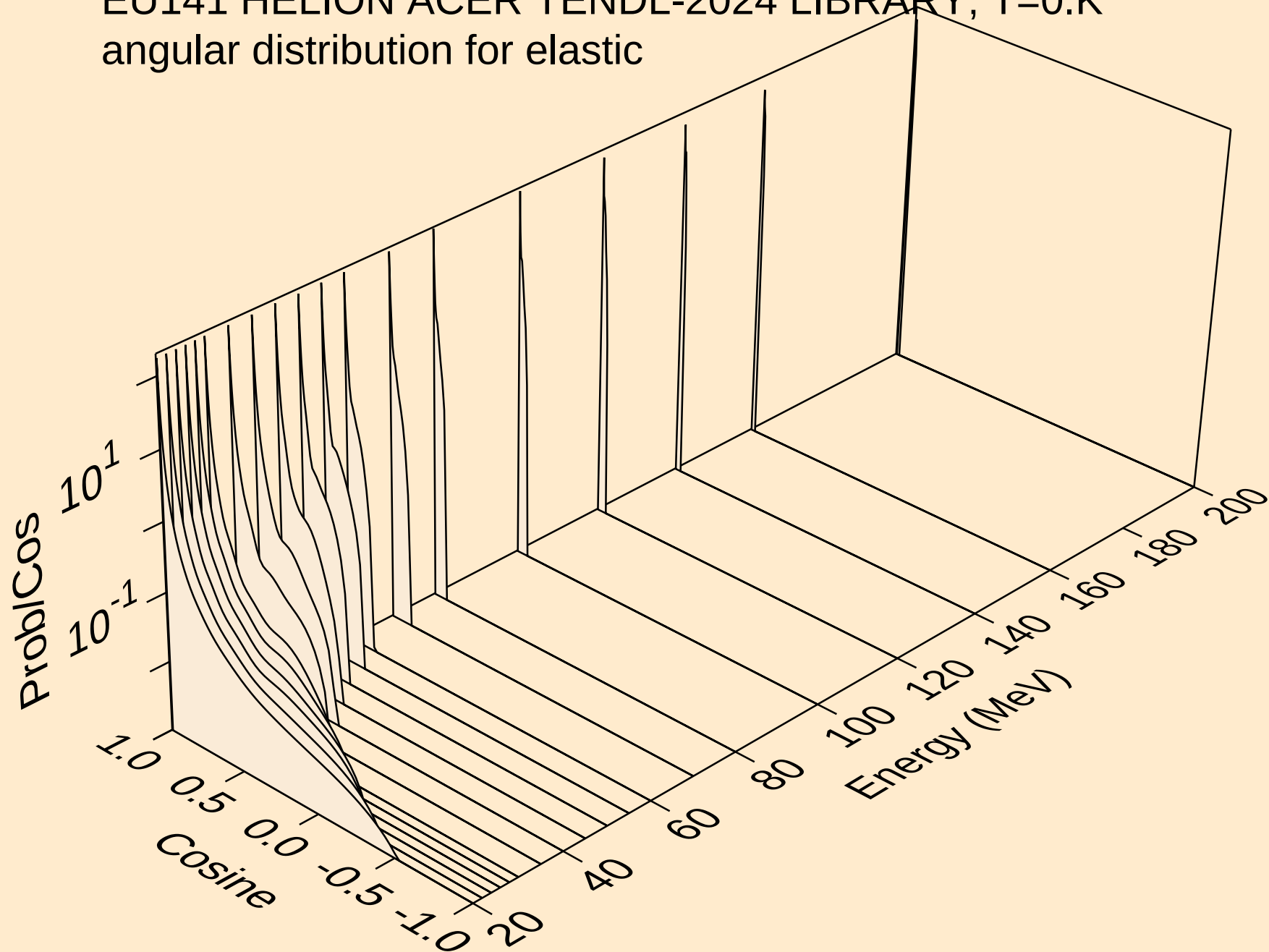
## Threshold reactions



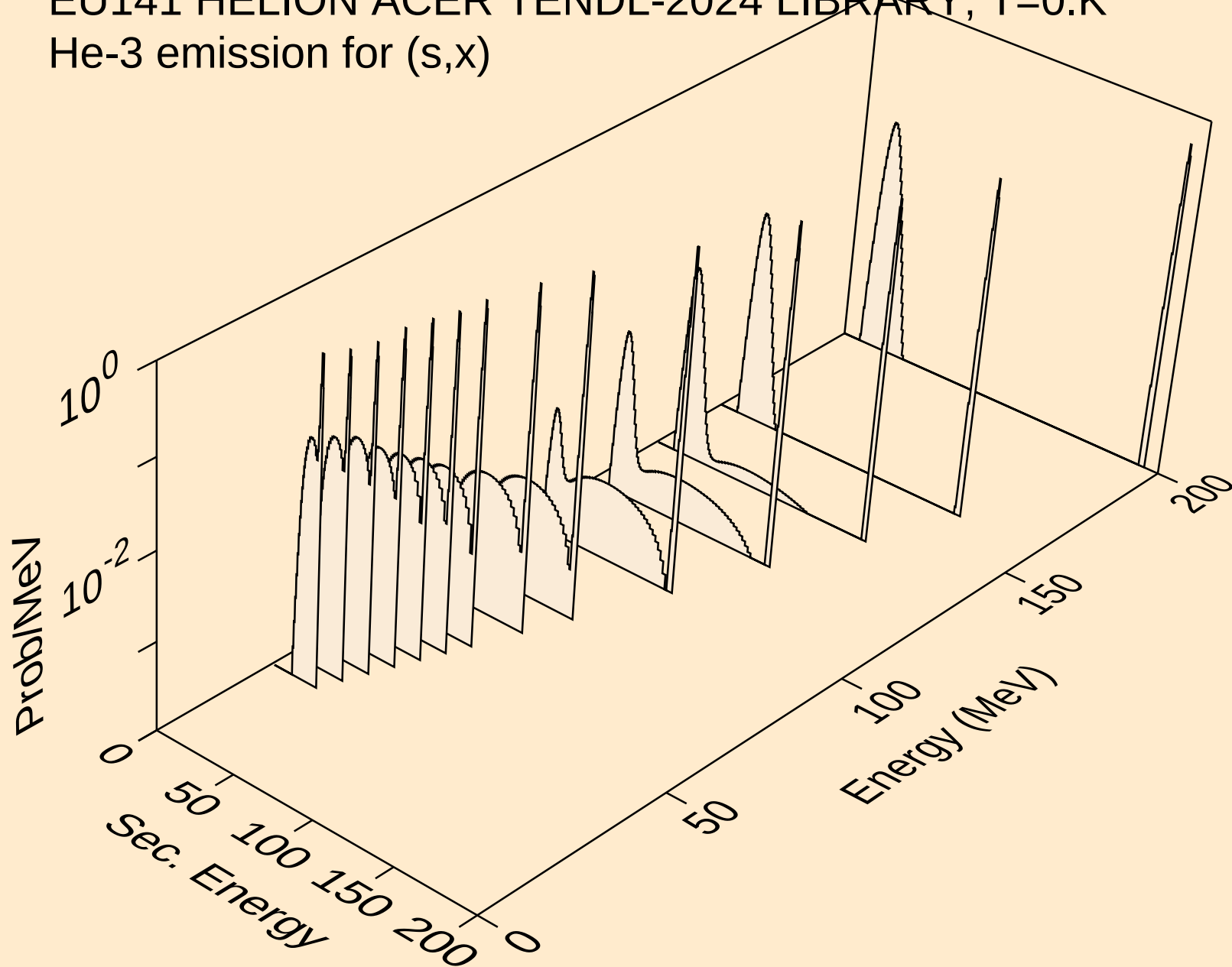
EU141 HELION ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



EU141 HELION ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

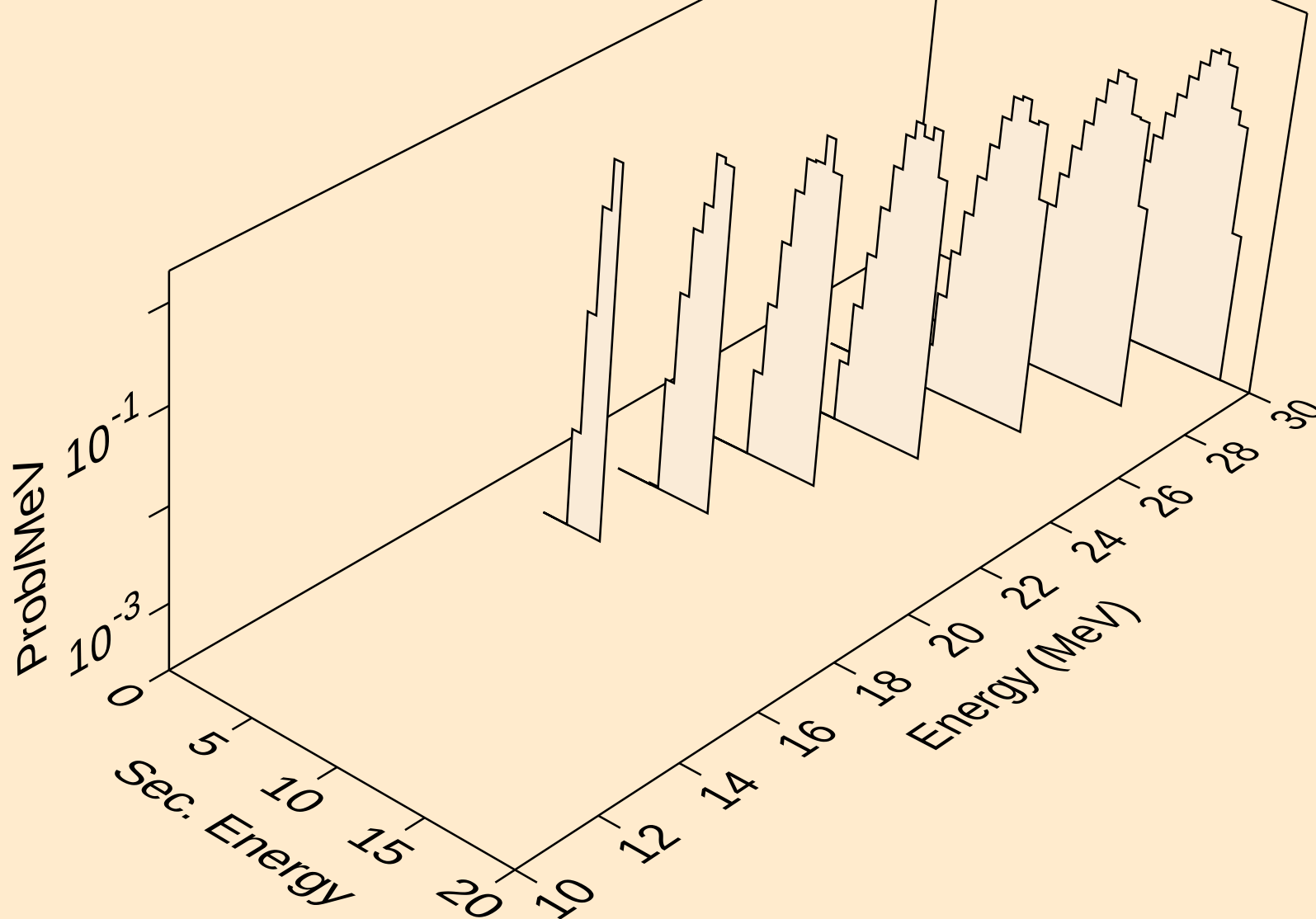


EU141 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for (s,x)

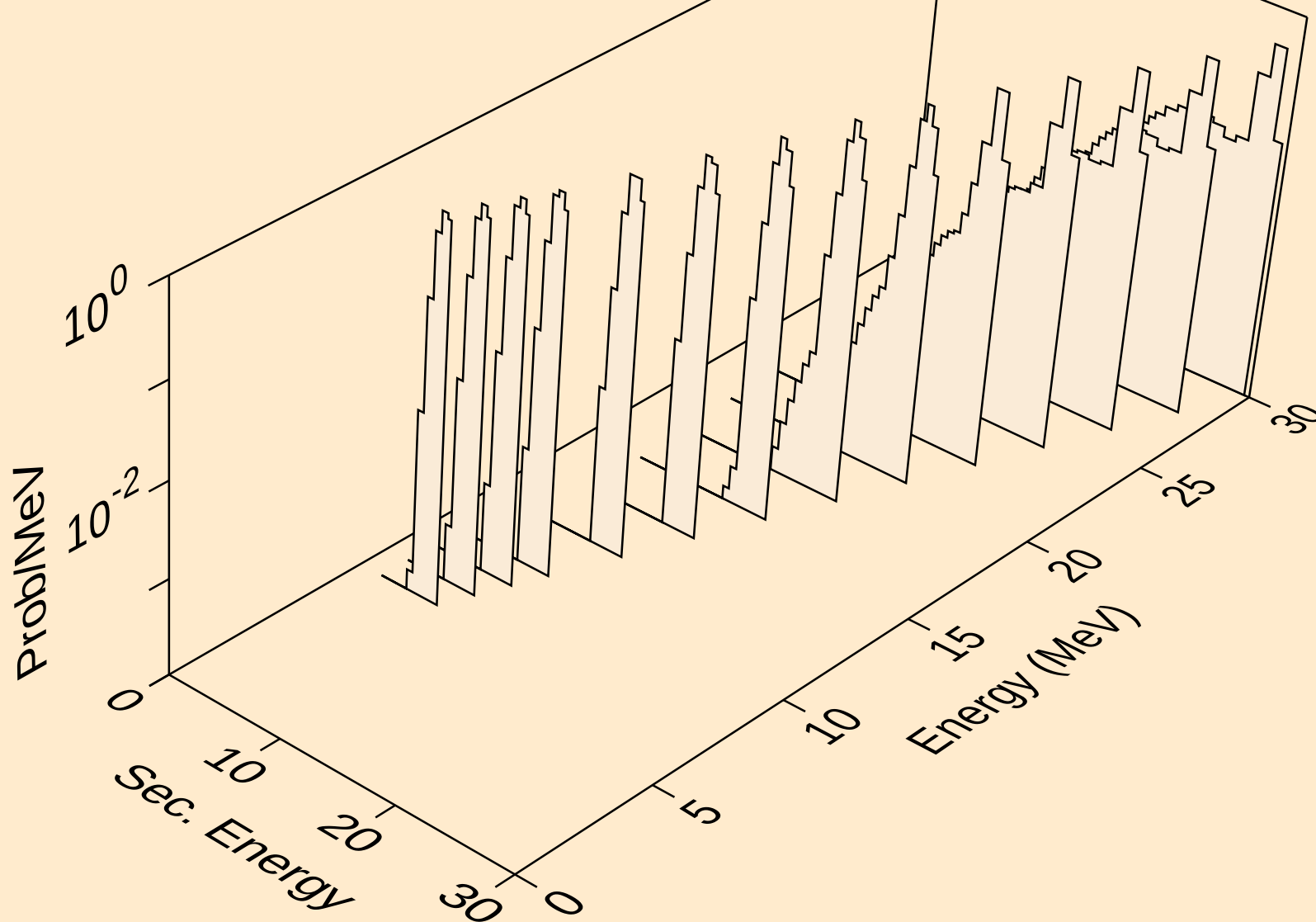


EU141 HELION ACER TENDL-2024 LIBRARY; T=0.K

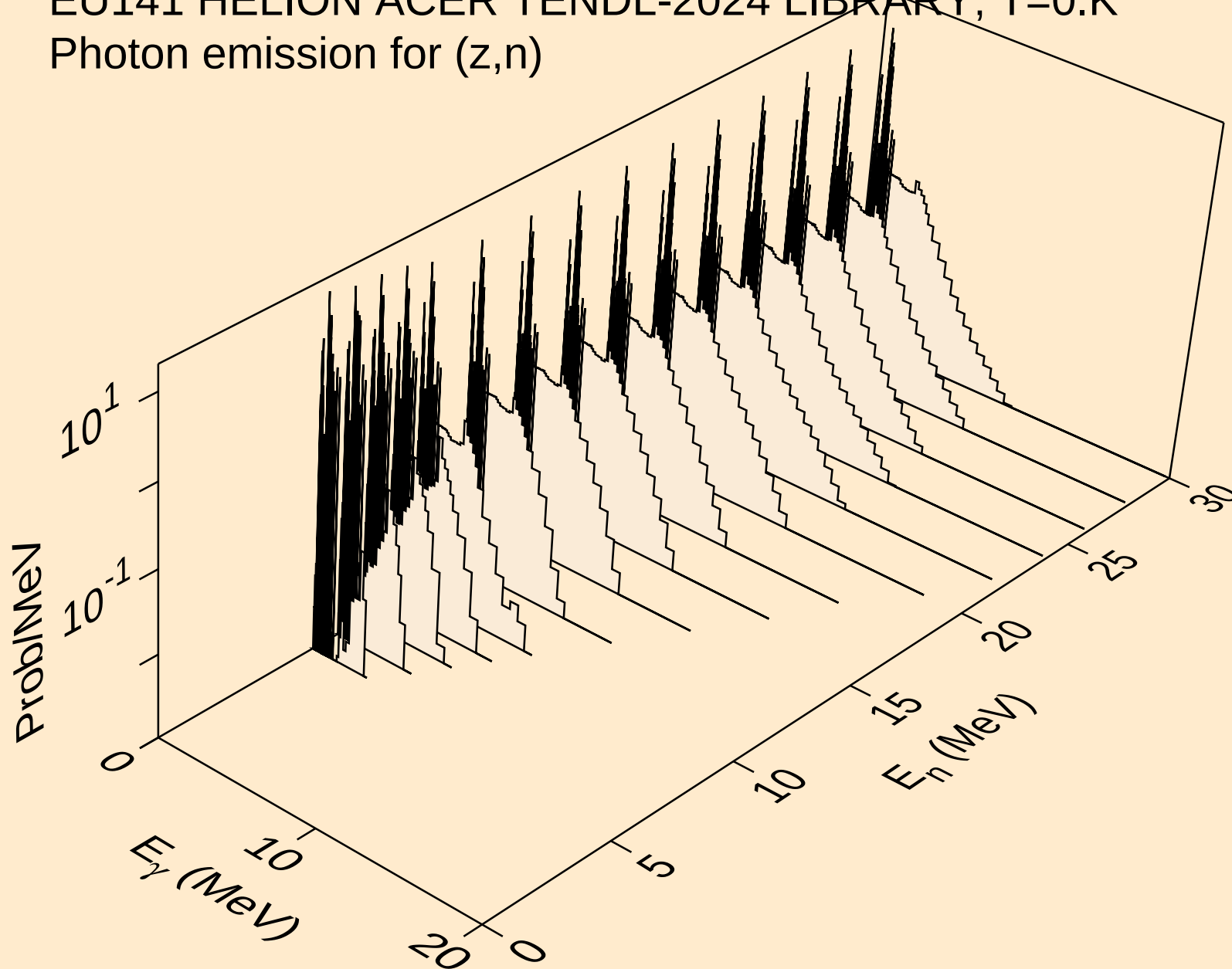
He-3 emission for (s,n\*)he3



EU141 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for inelastic

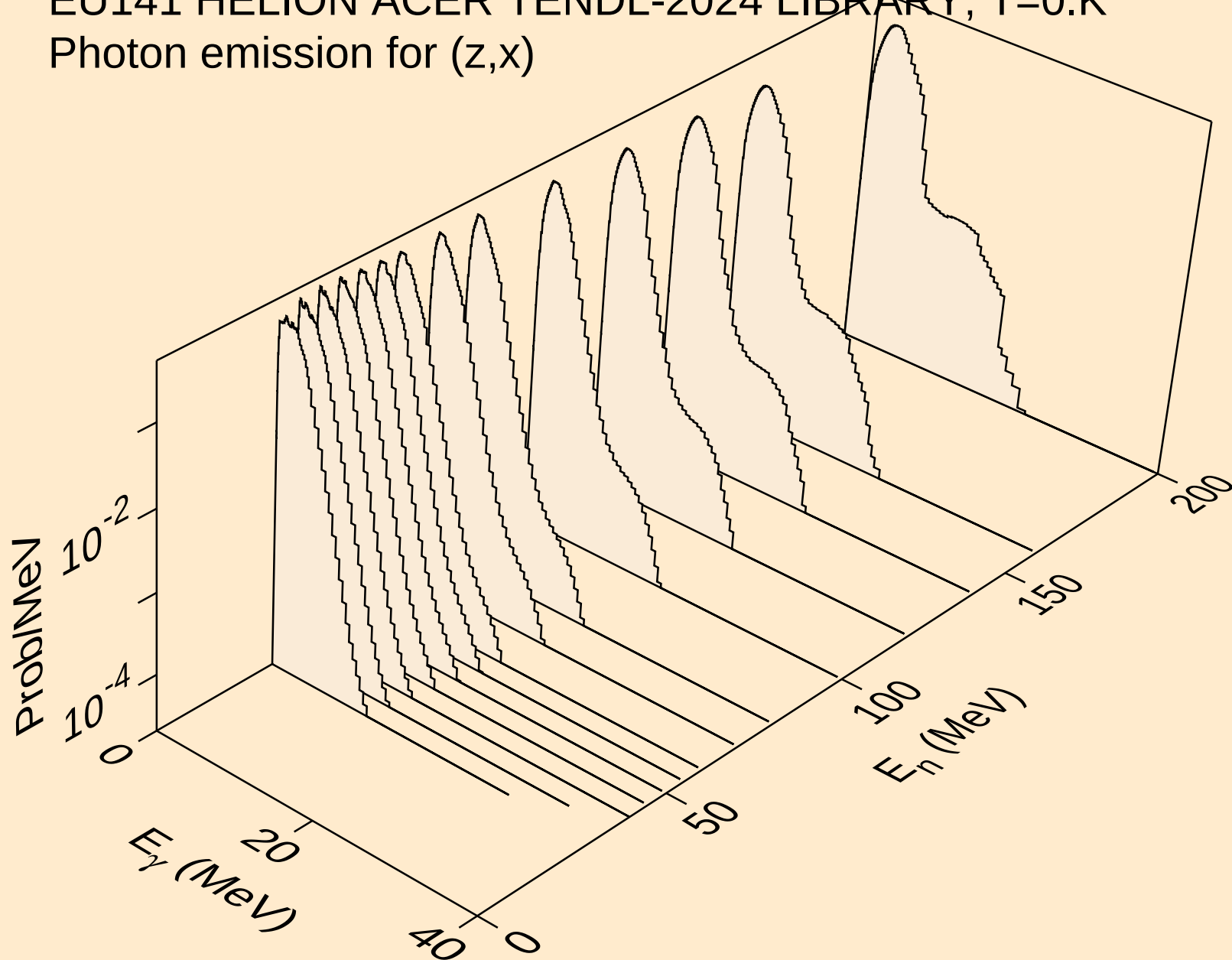


EU141 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,n)



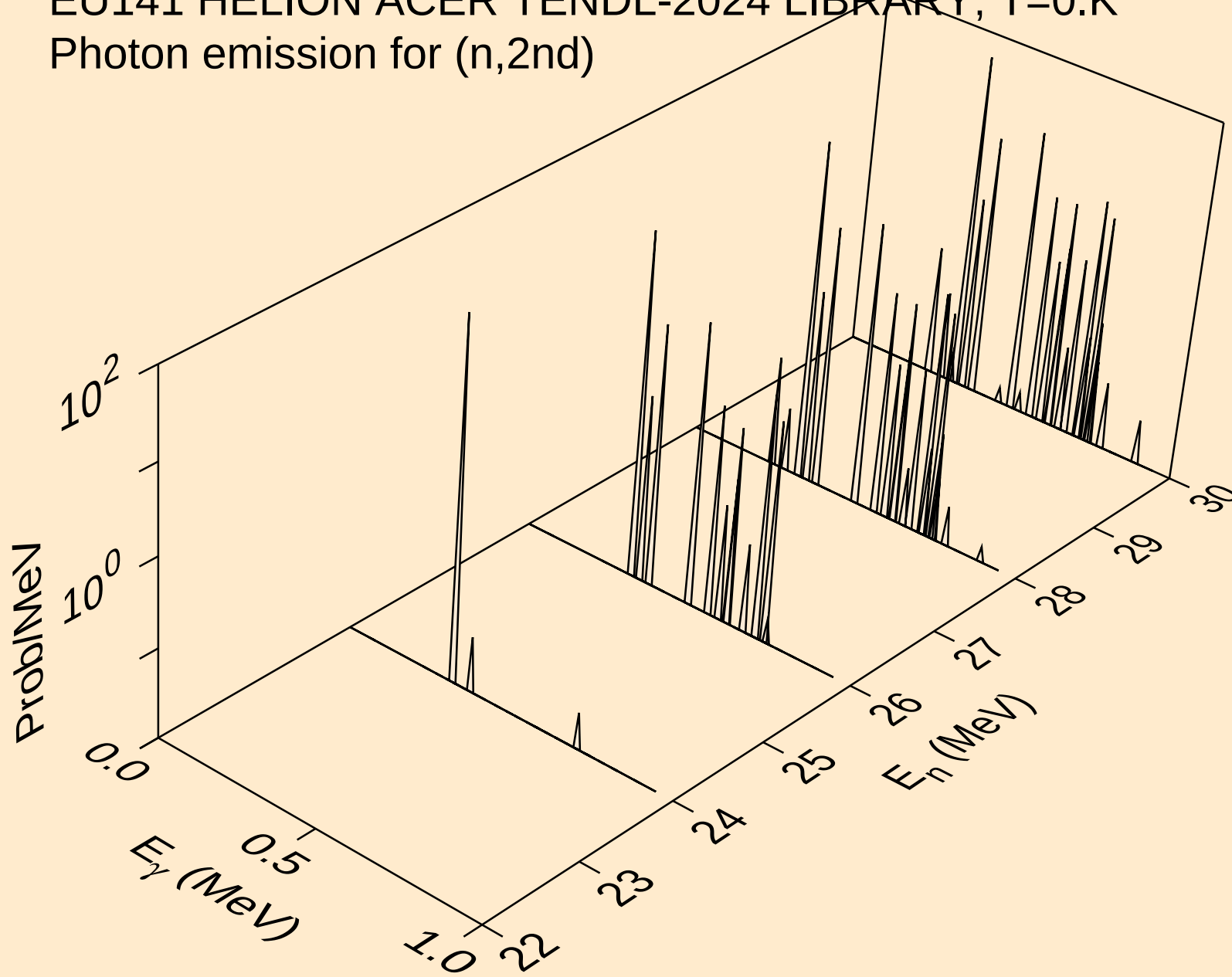
EU141 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (z,x)

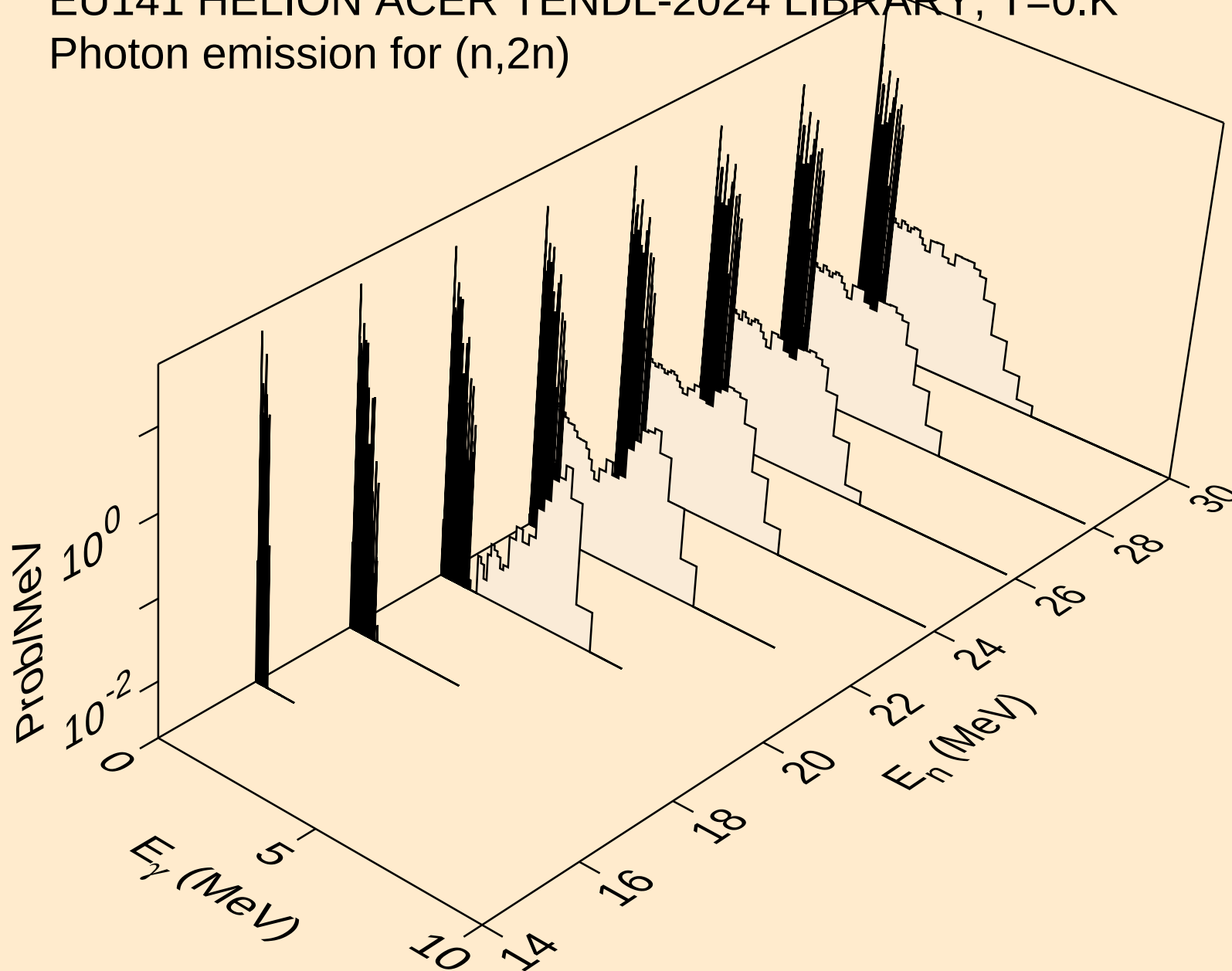


EU141 HELION ACER TENDL-2024 LIBRARY; T=0.K

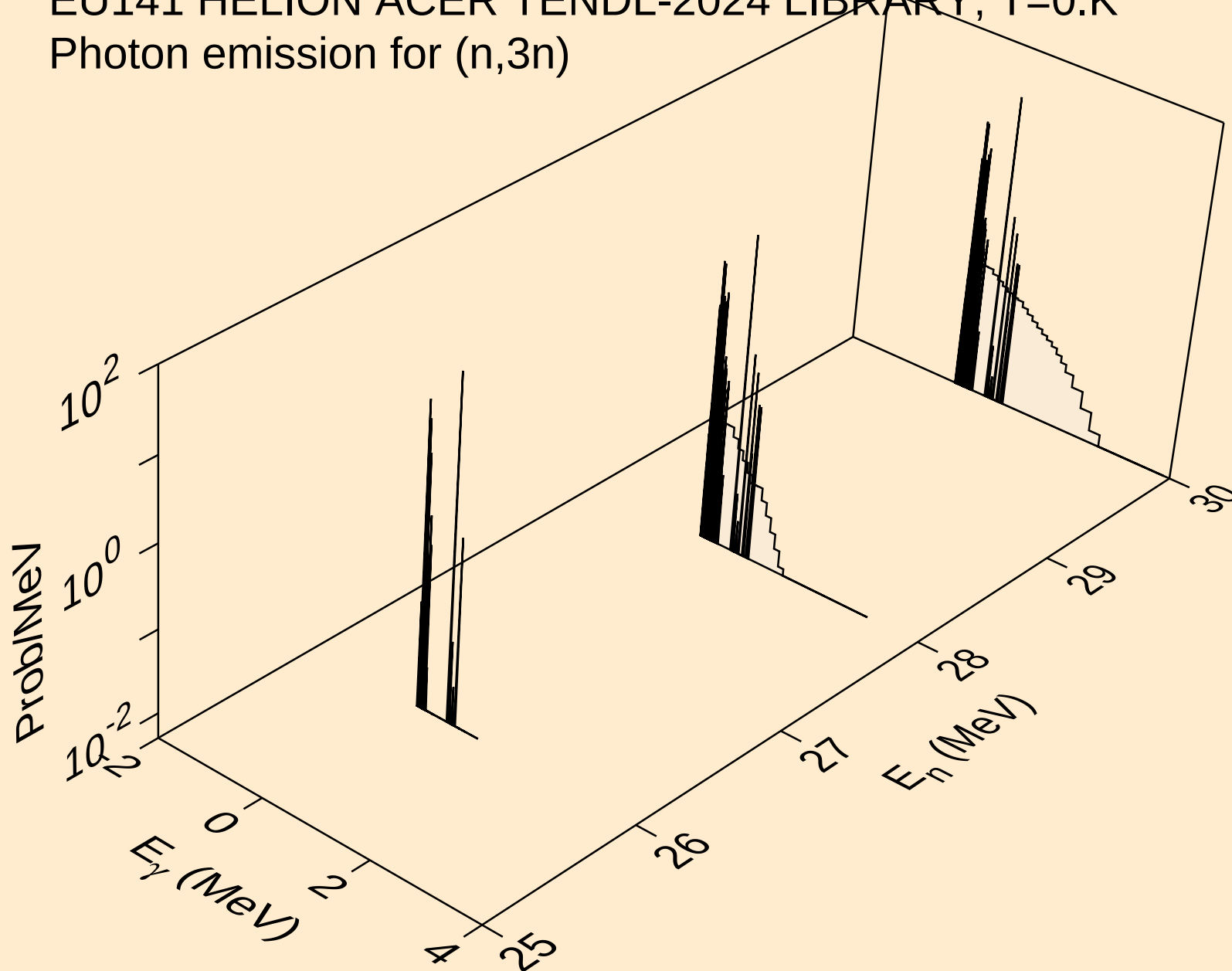
Photon emission for (n,2nd)



EU141 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)

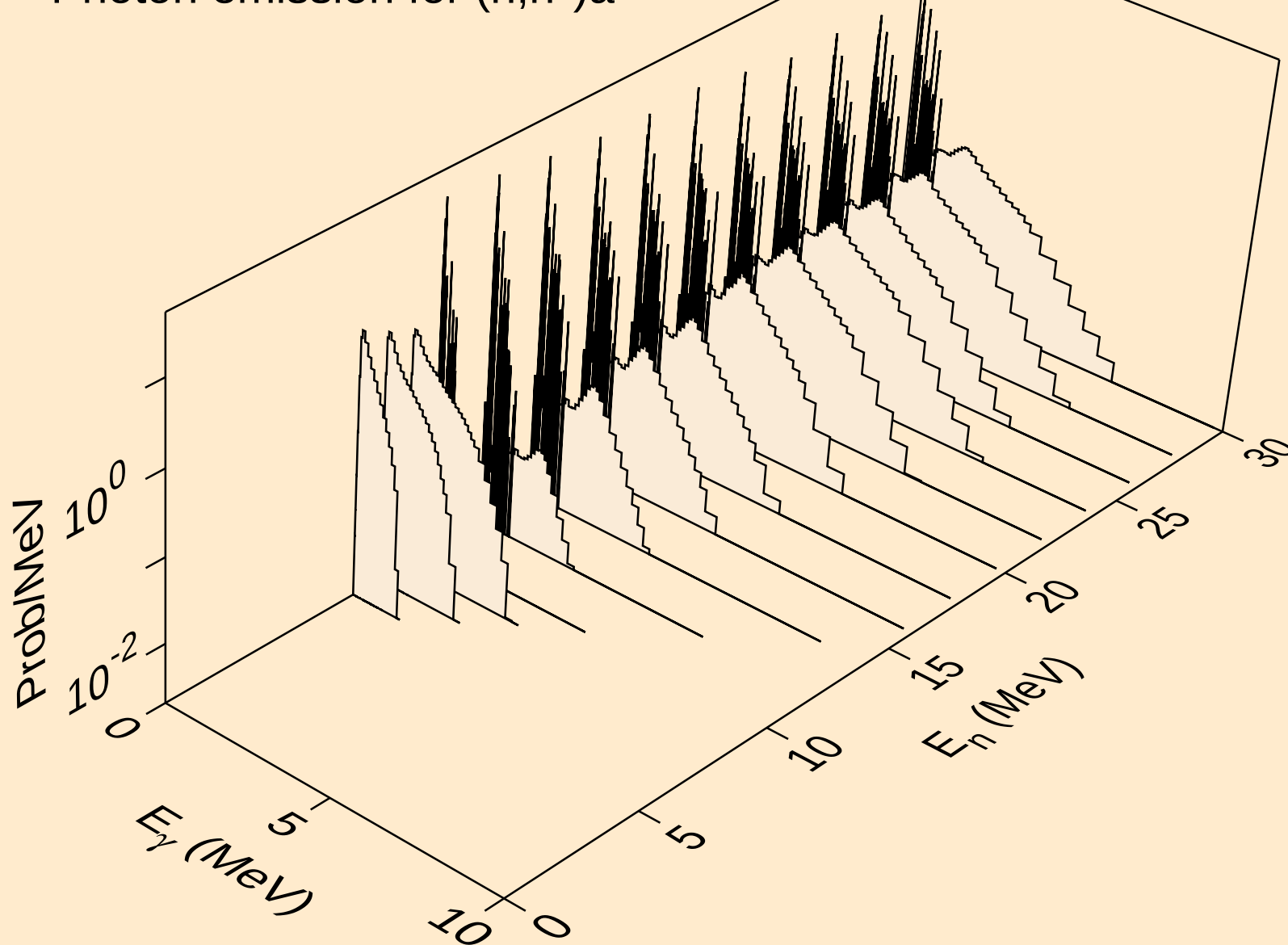


EU141 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



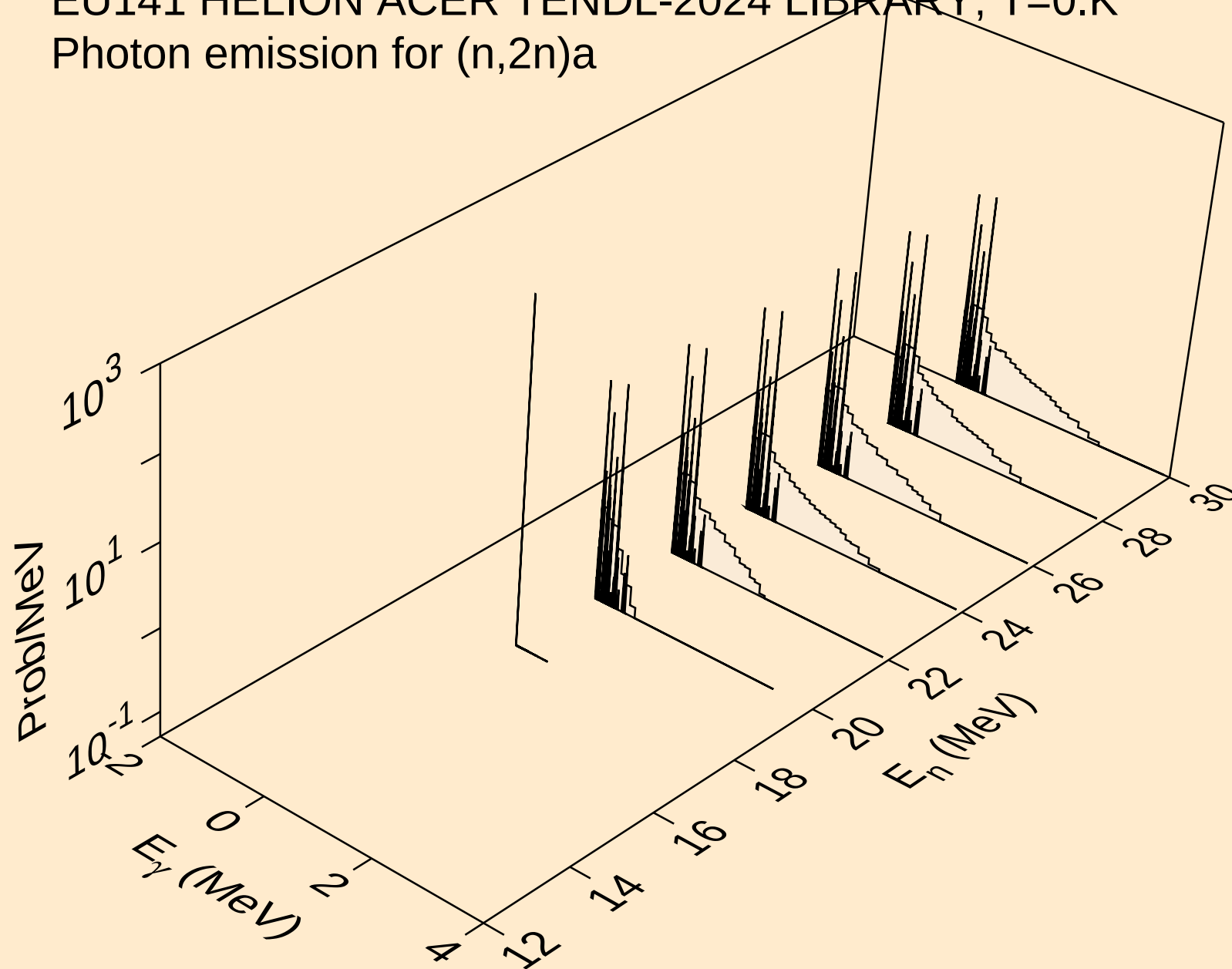
EU141 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)a



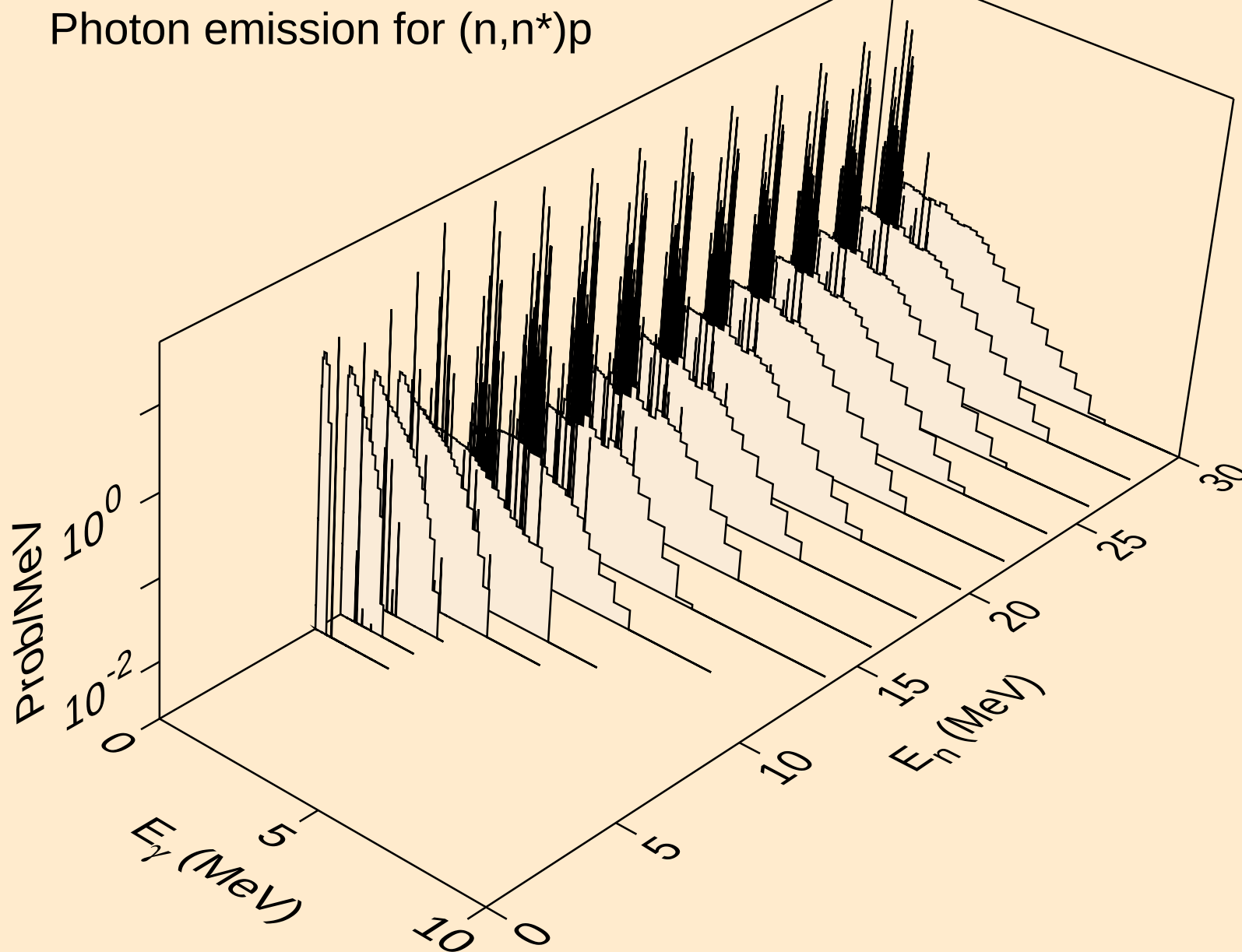
EU141 HELION ACER TENDL-2024 LIBRARY; T=0.K

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



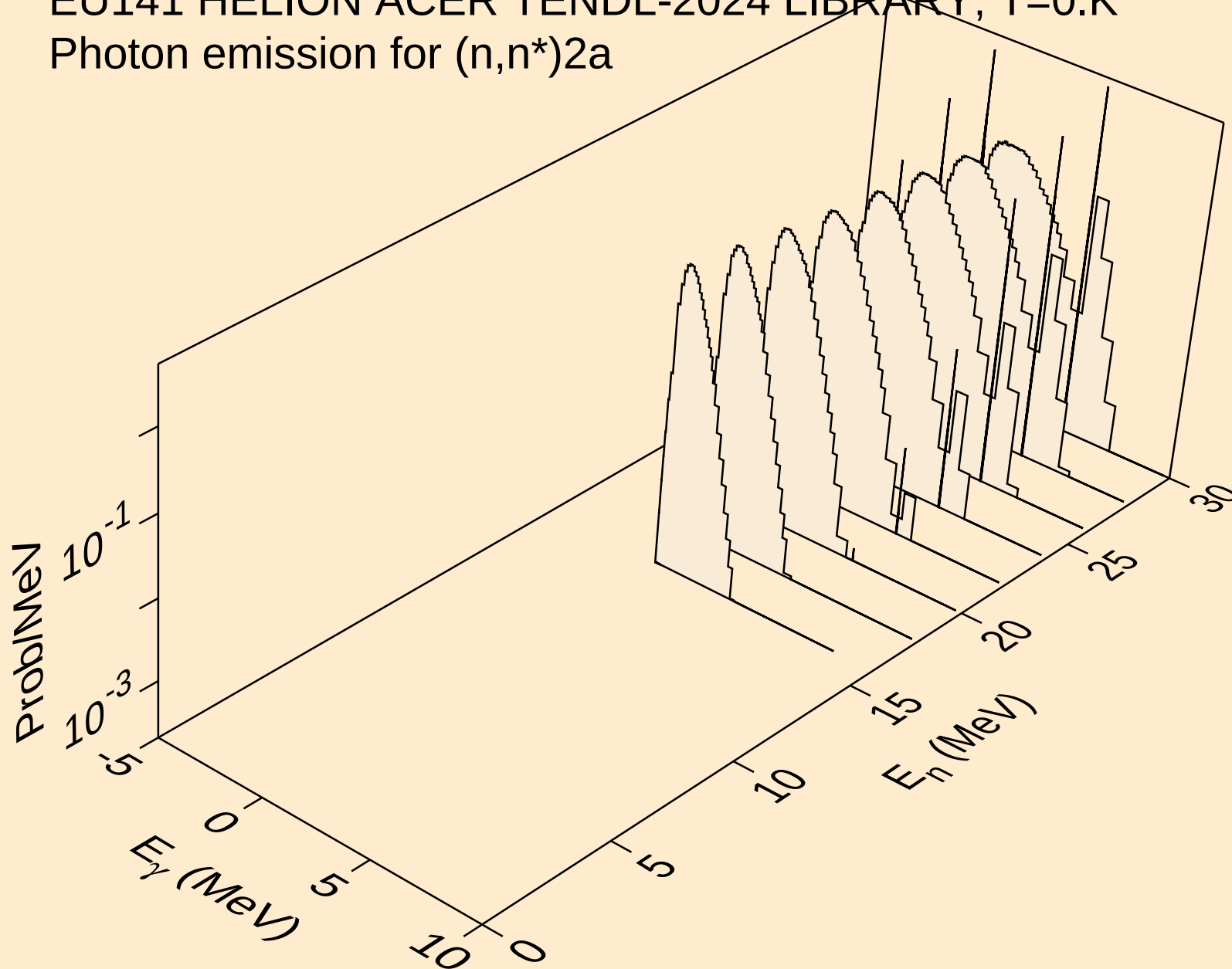
EU141 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)p



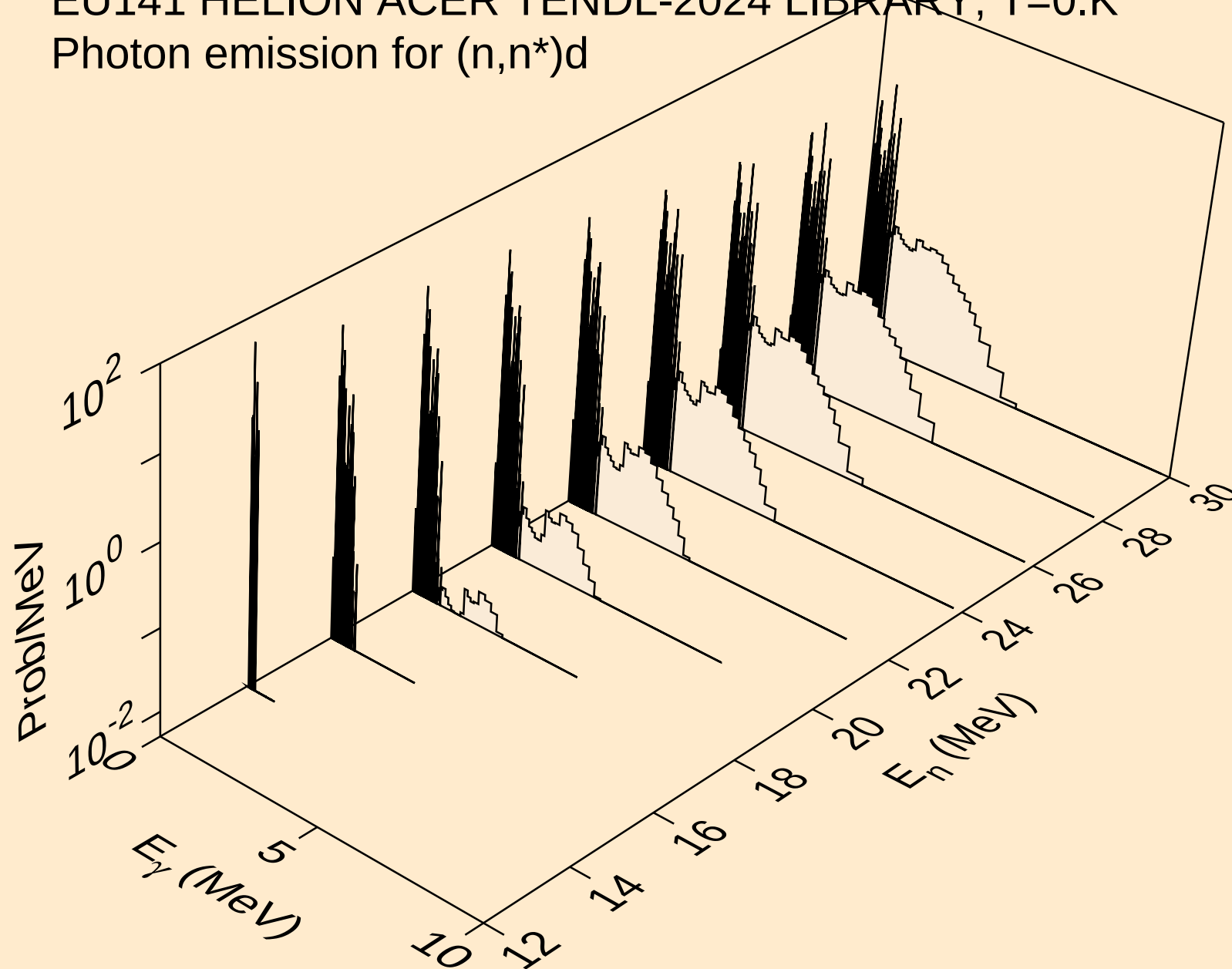
EU141 HELION ACER TENDL-2024 LIBRARY; T=0.K

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



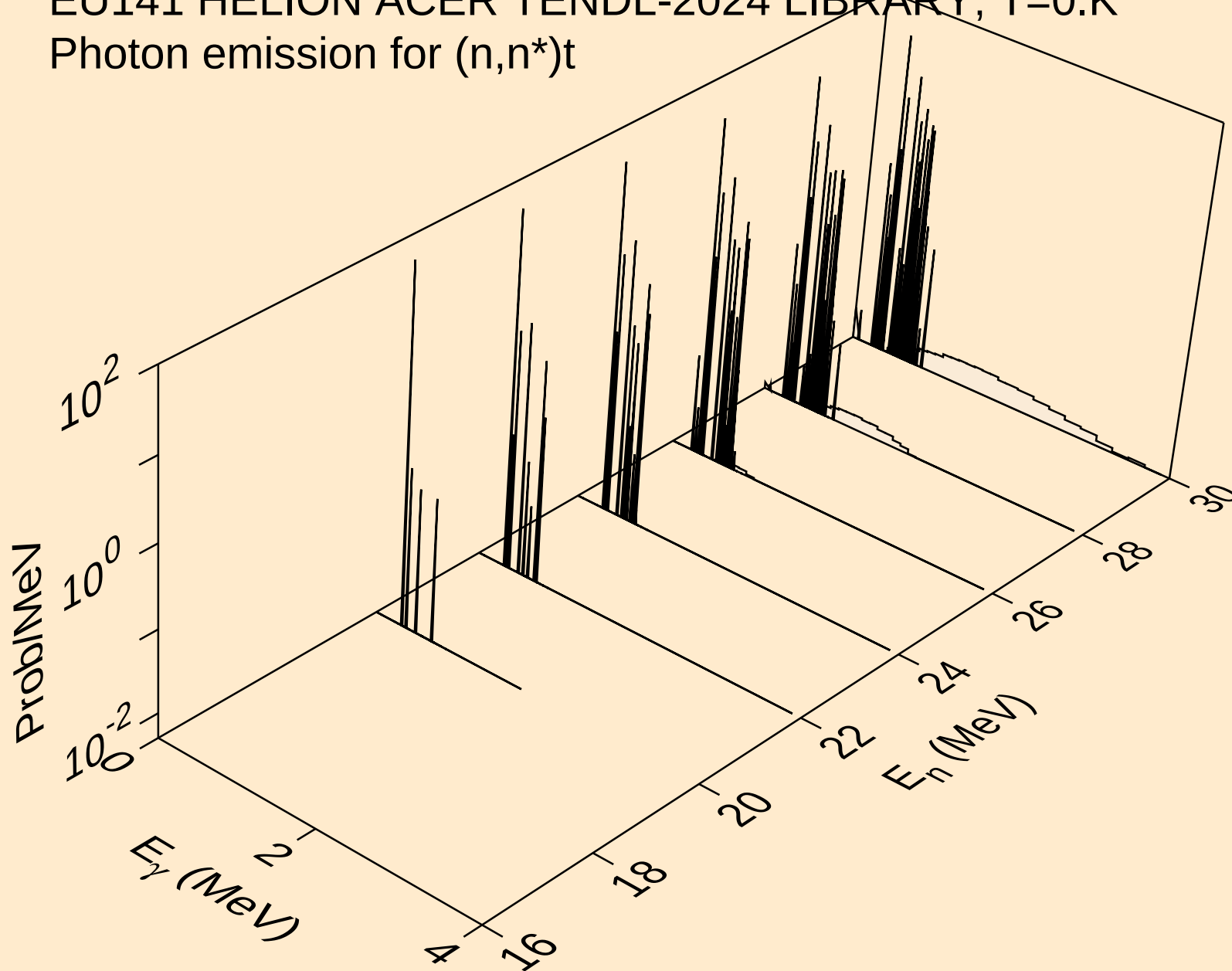
EU141 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)d



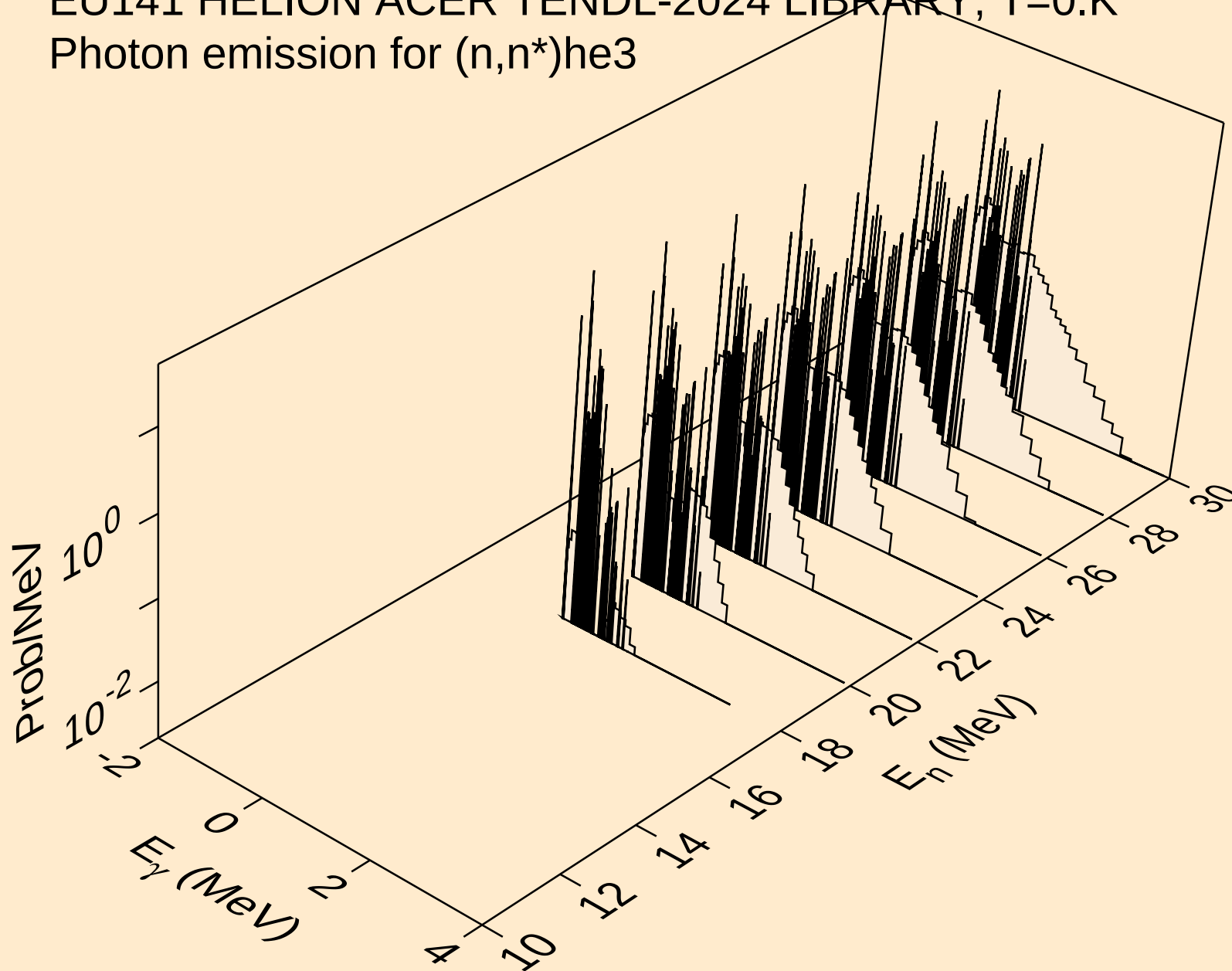
EU141 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)t

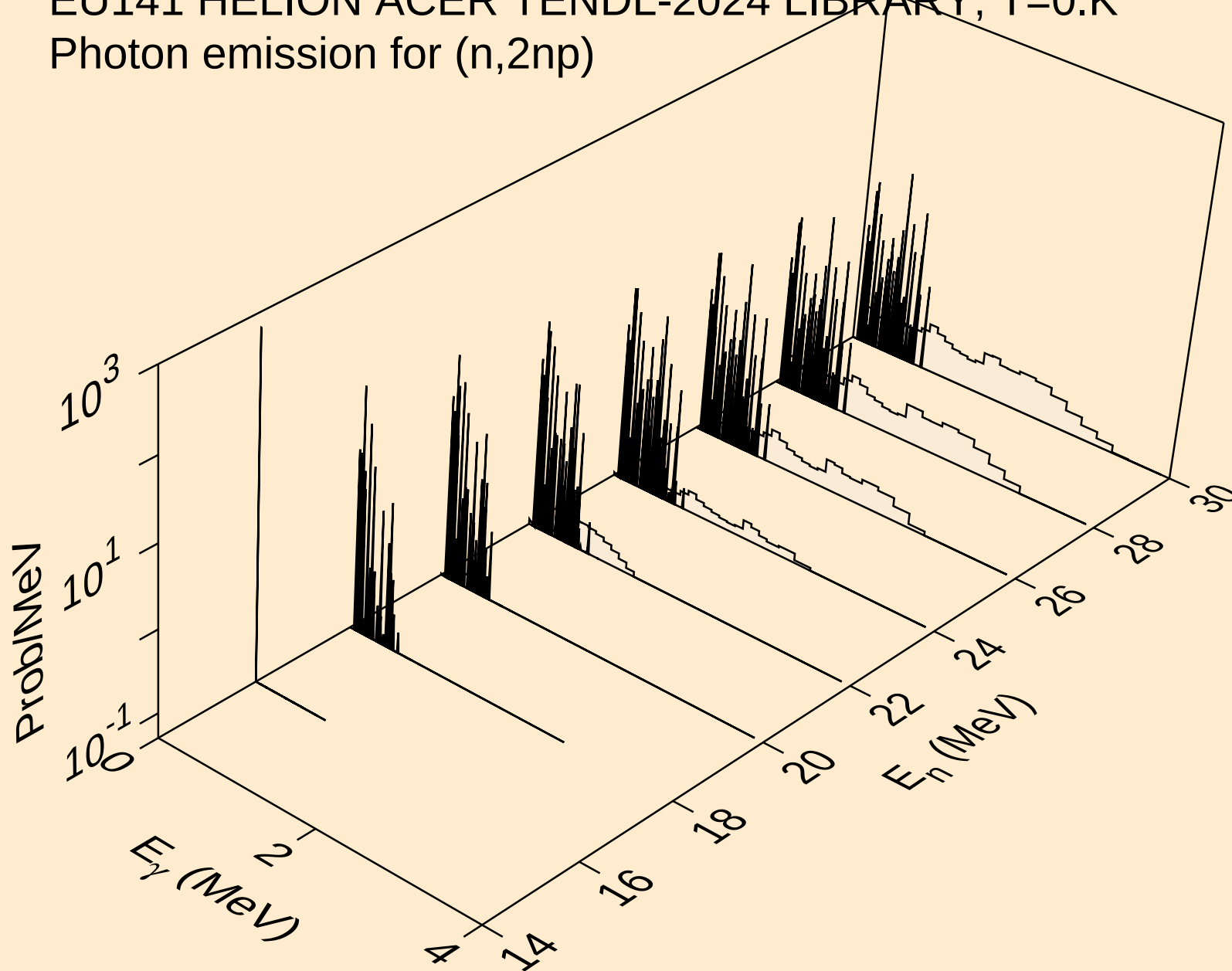


EU141 HELION ACER TENDL-2024 LIBRARY; T=0.K

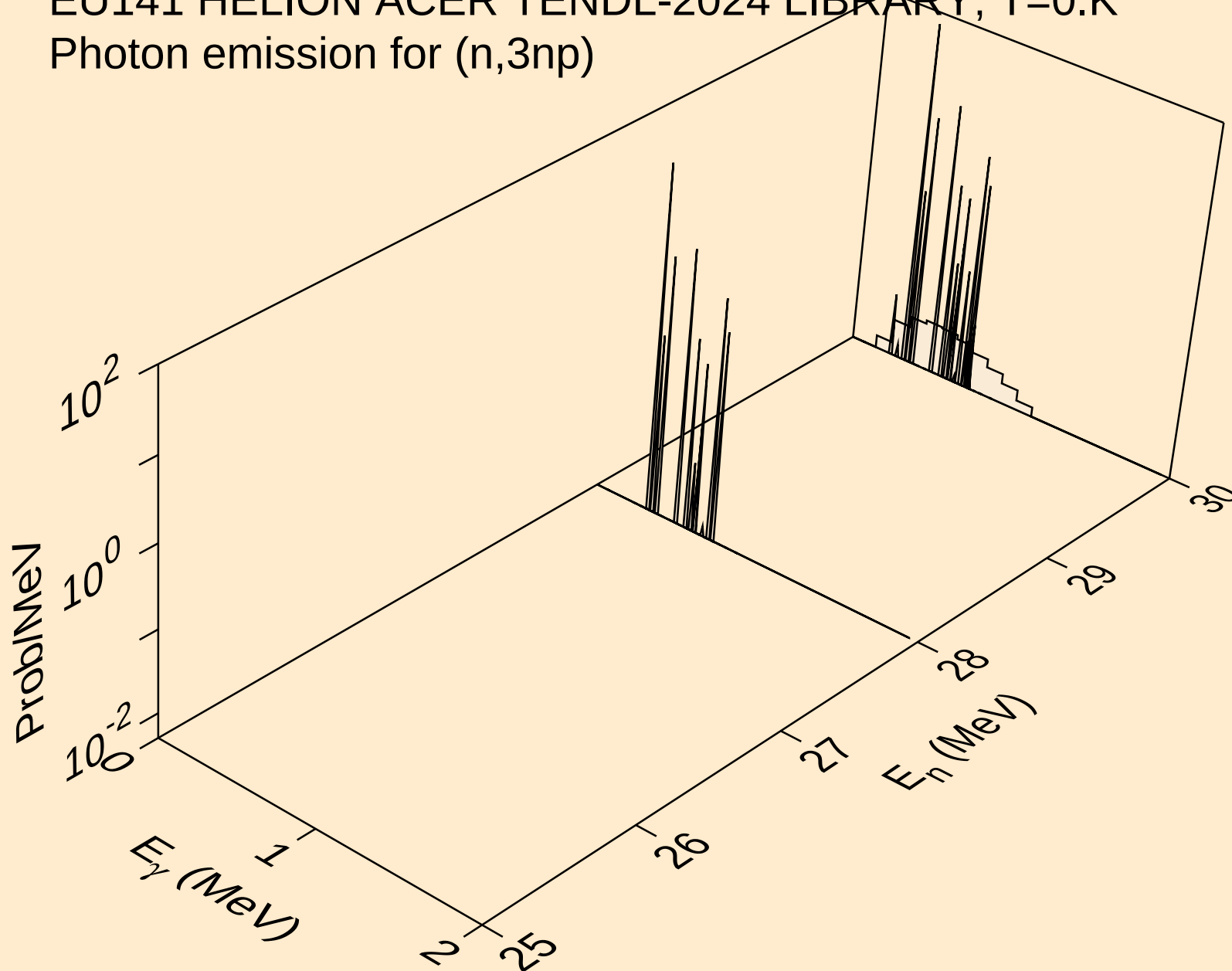
Photon emission for (n,n\*)he3



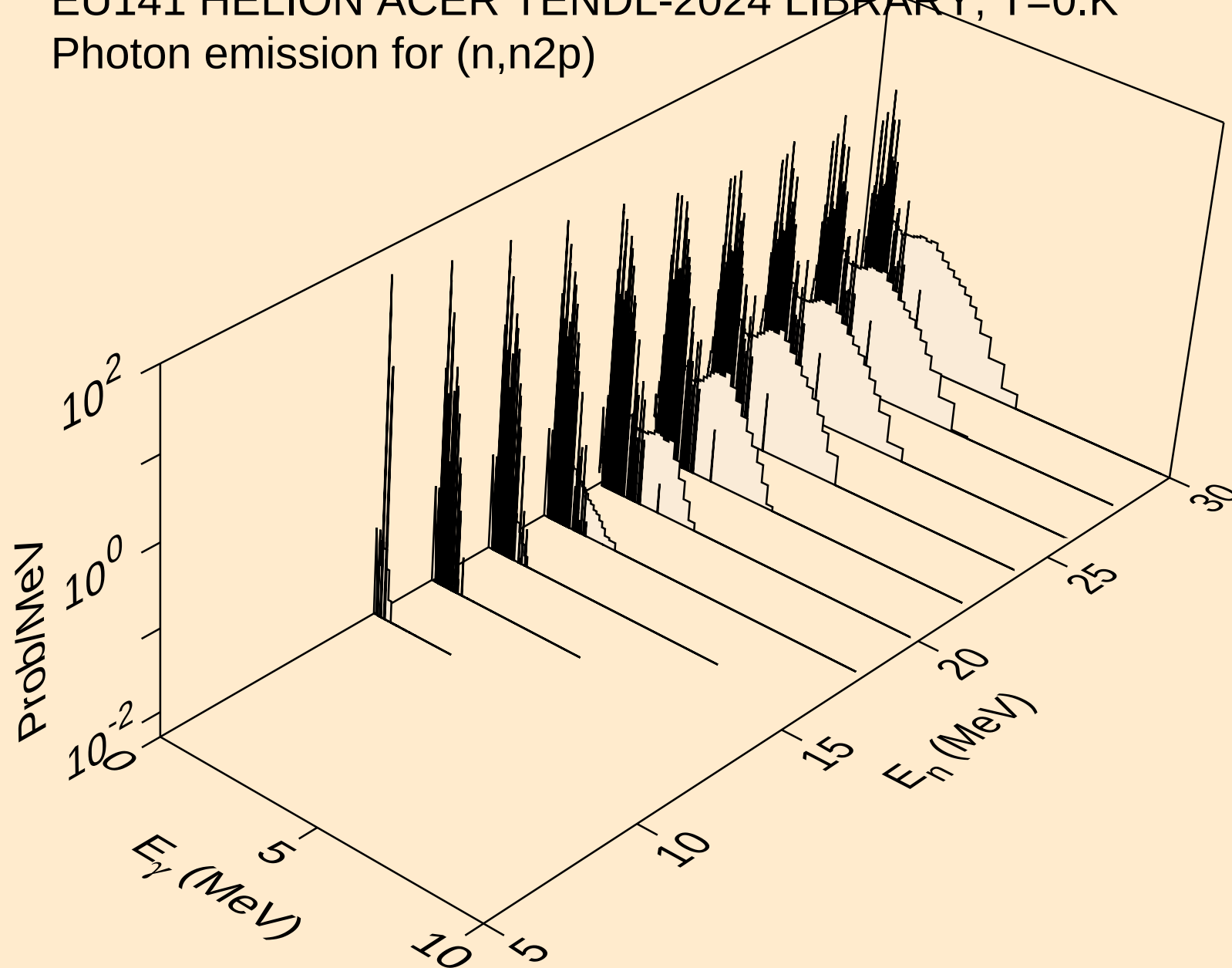
EU141 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



EU141 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)

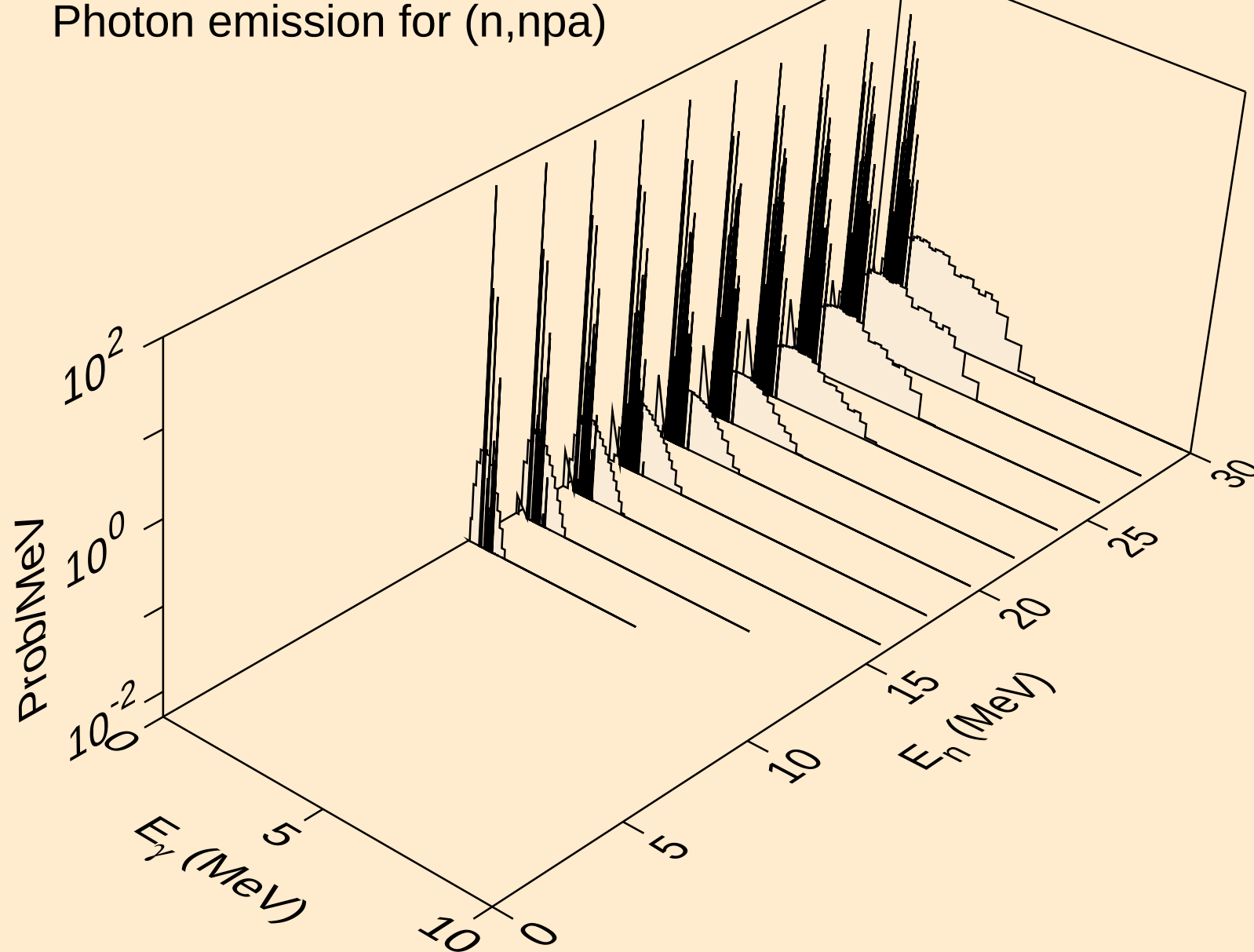


EU141 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)

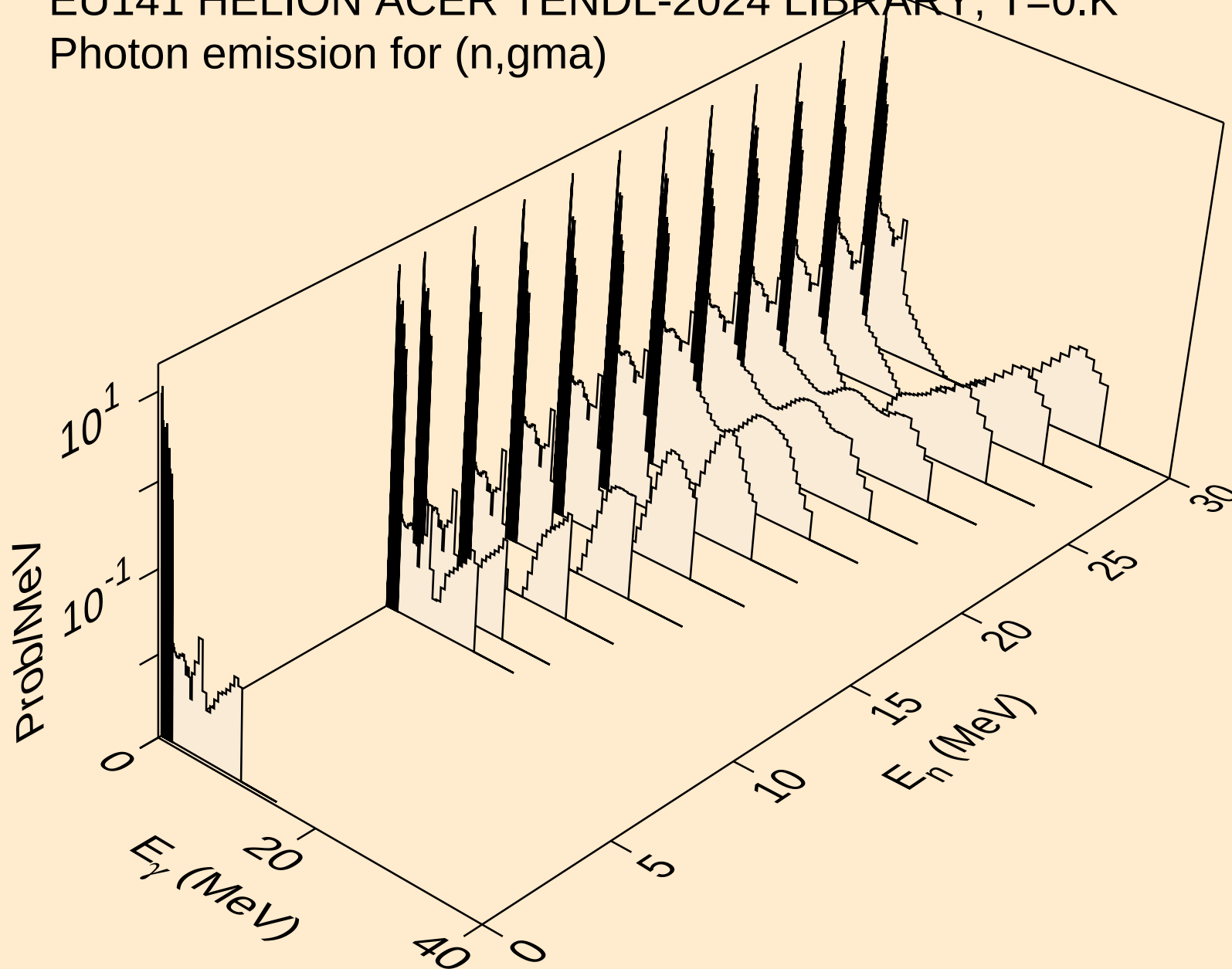


EU141 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,npa)

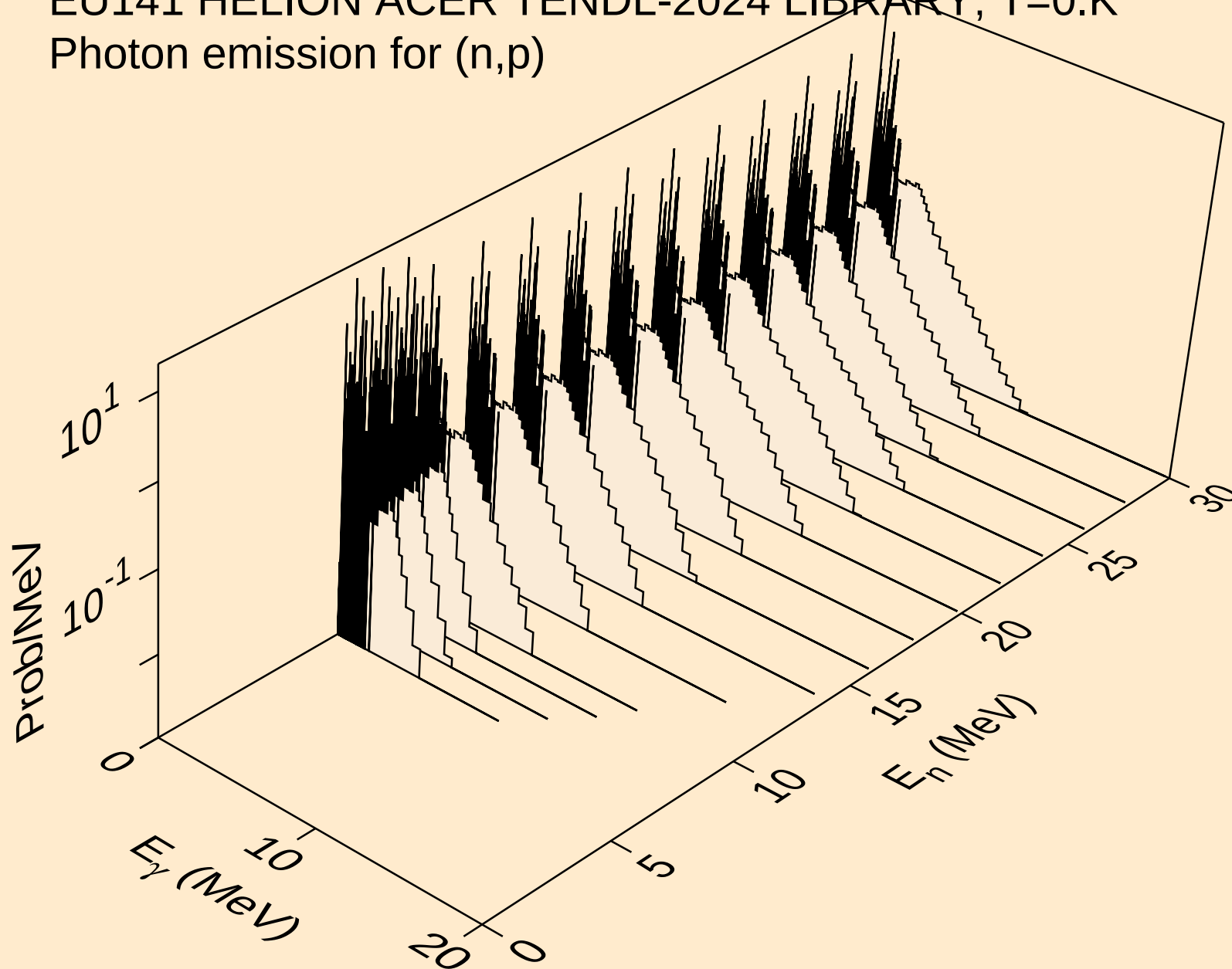


EU141 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)

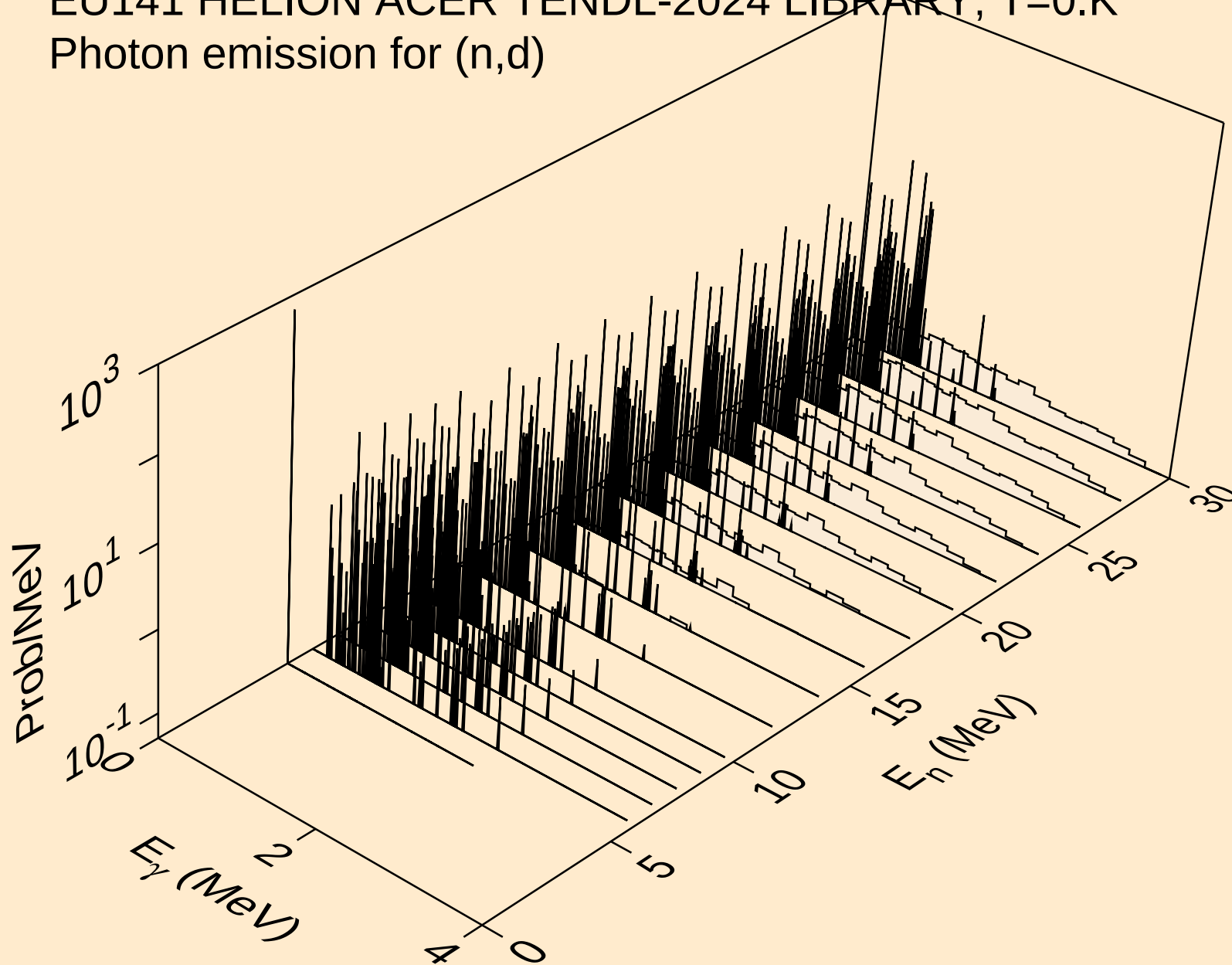


EU141 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,p)

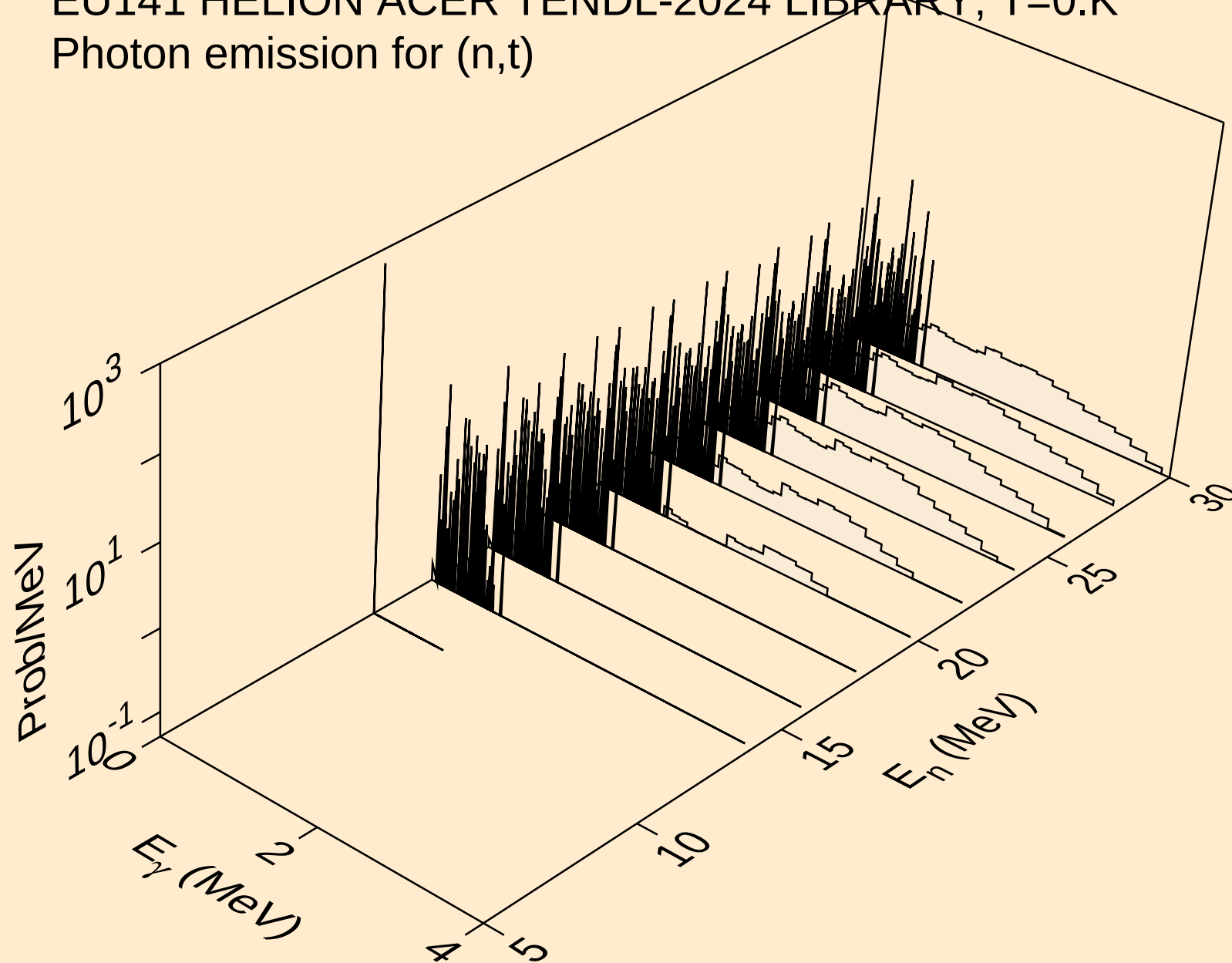


EU141 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)

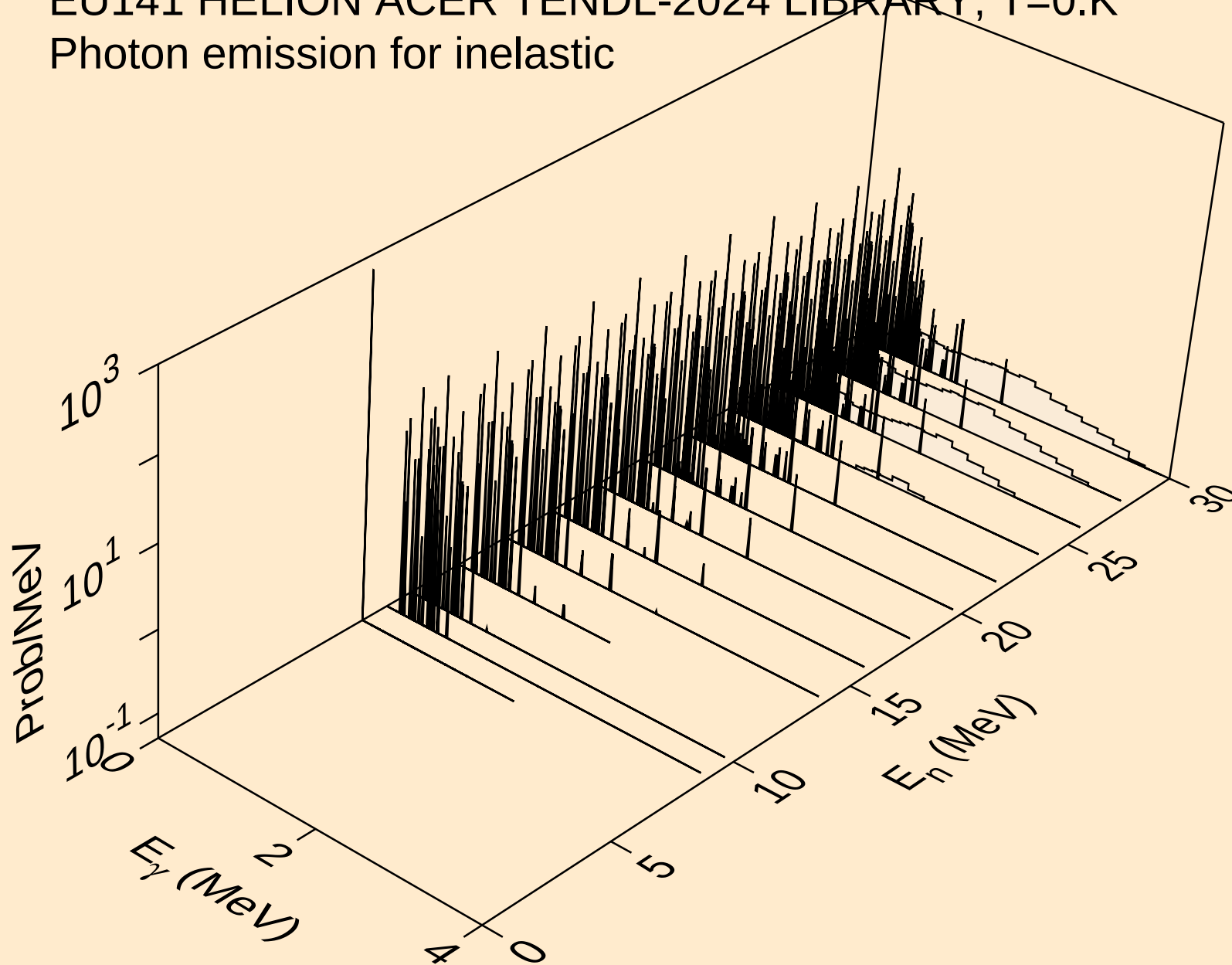


EU141 HELION ACER TENDL-2024 LIBRARY; T=0.K

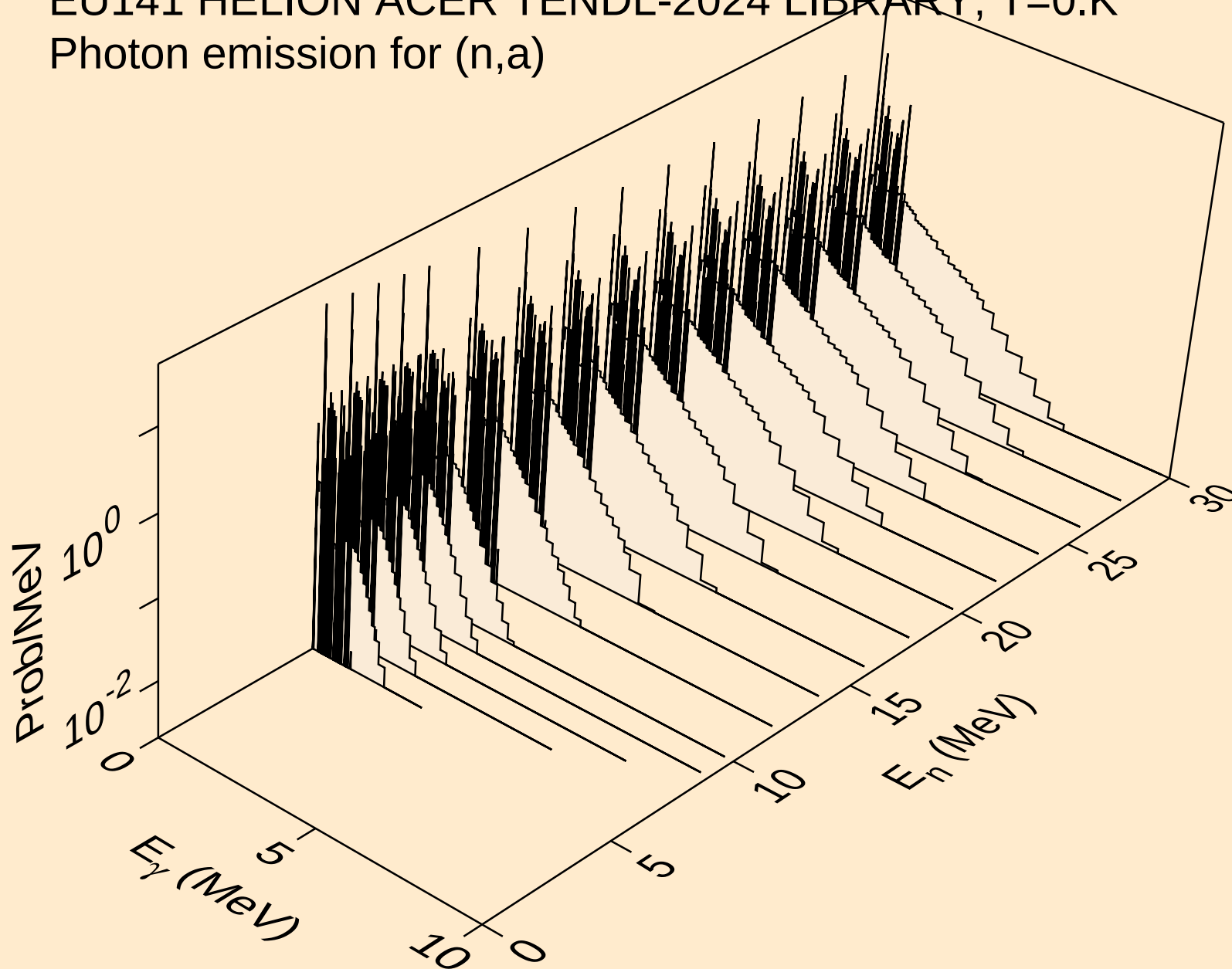
Photon emission for (n,t)



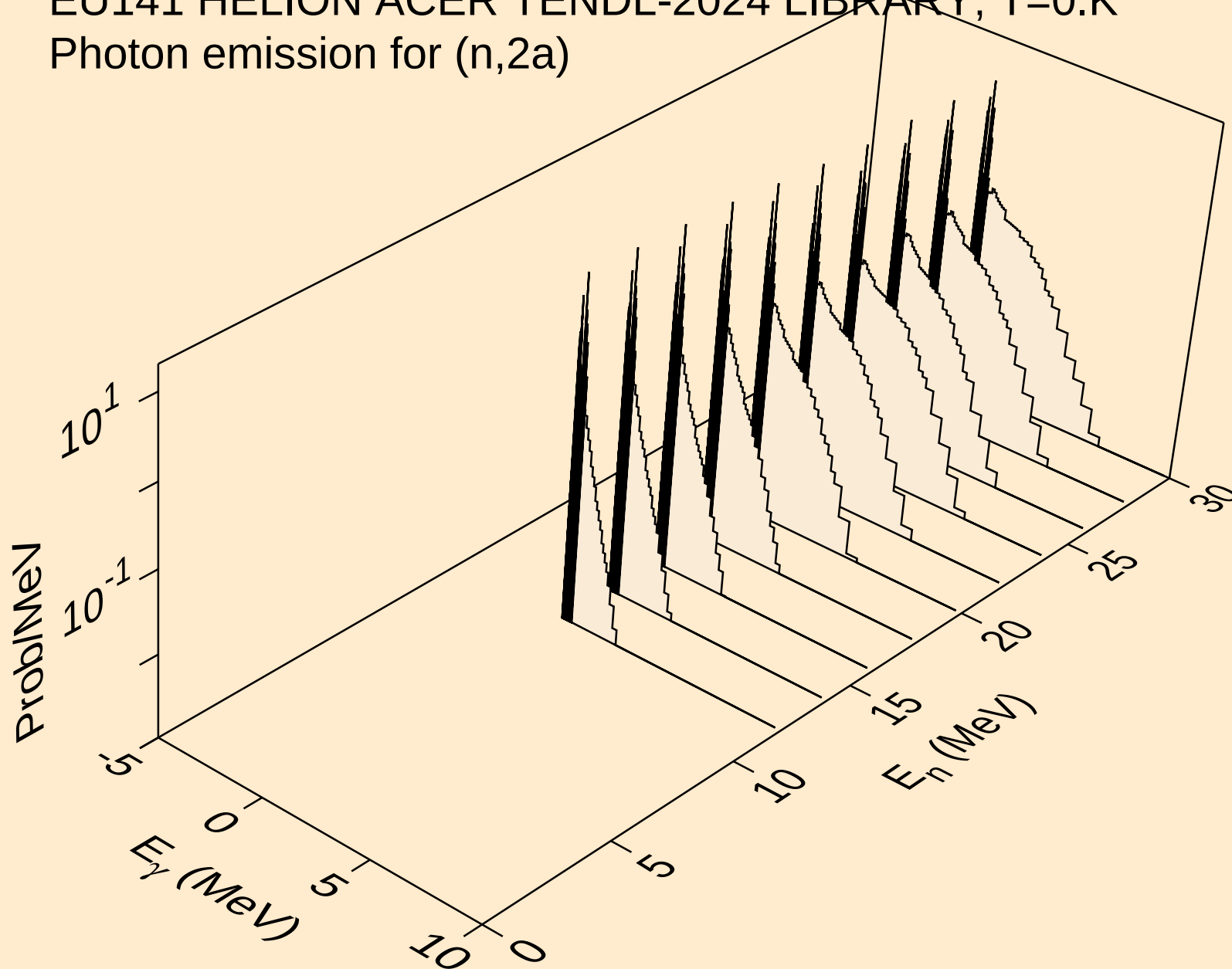
EU141 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic



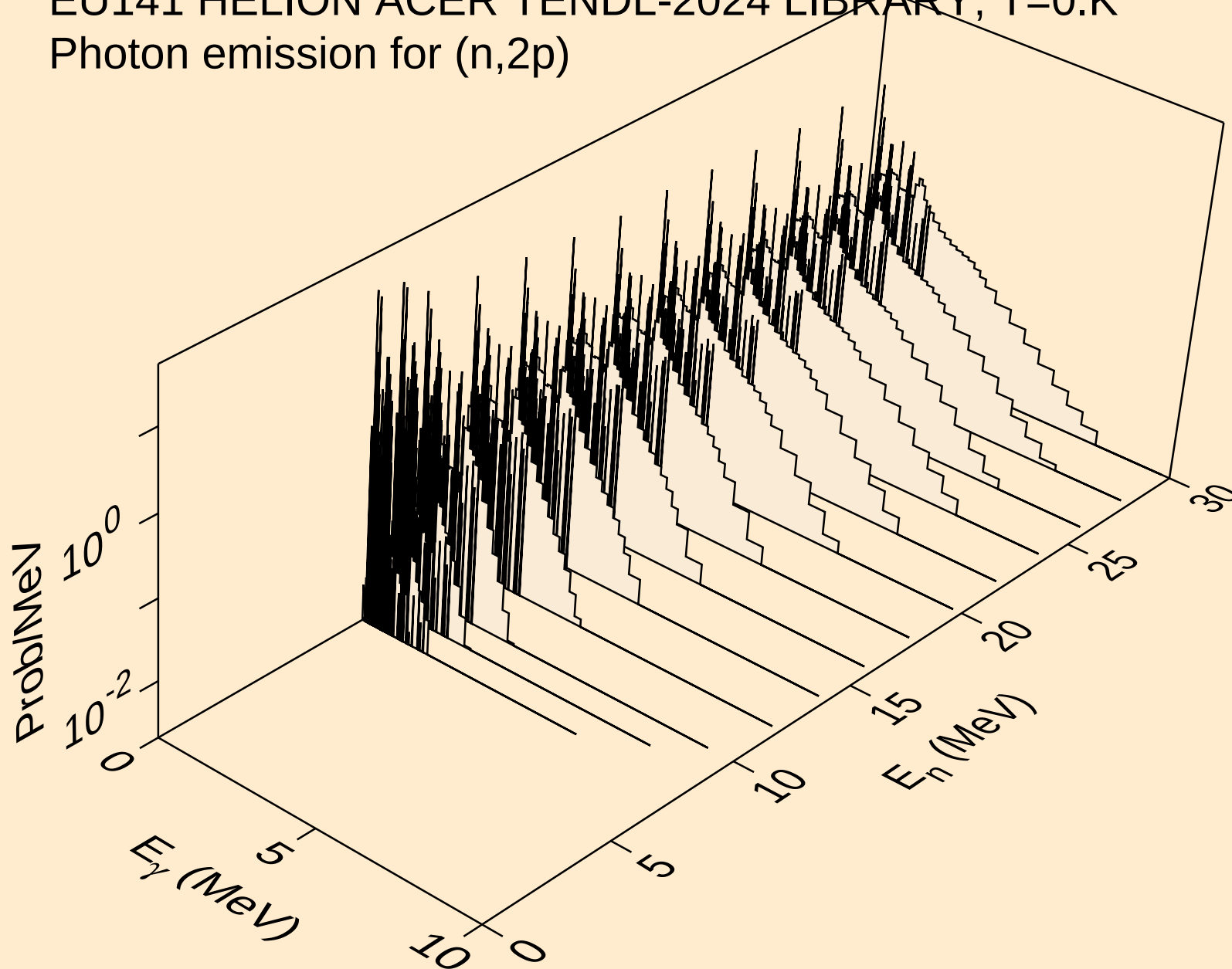
EU141 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



EU141 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)

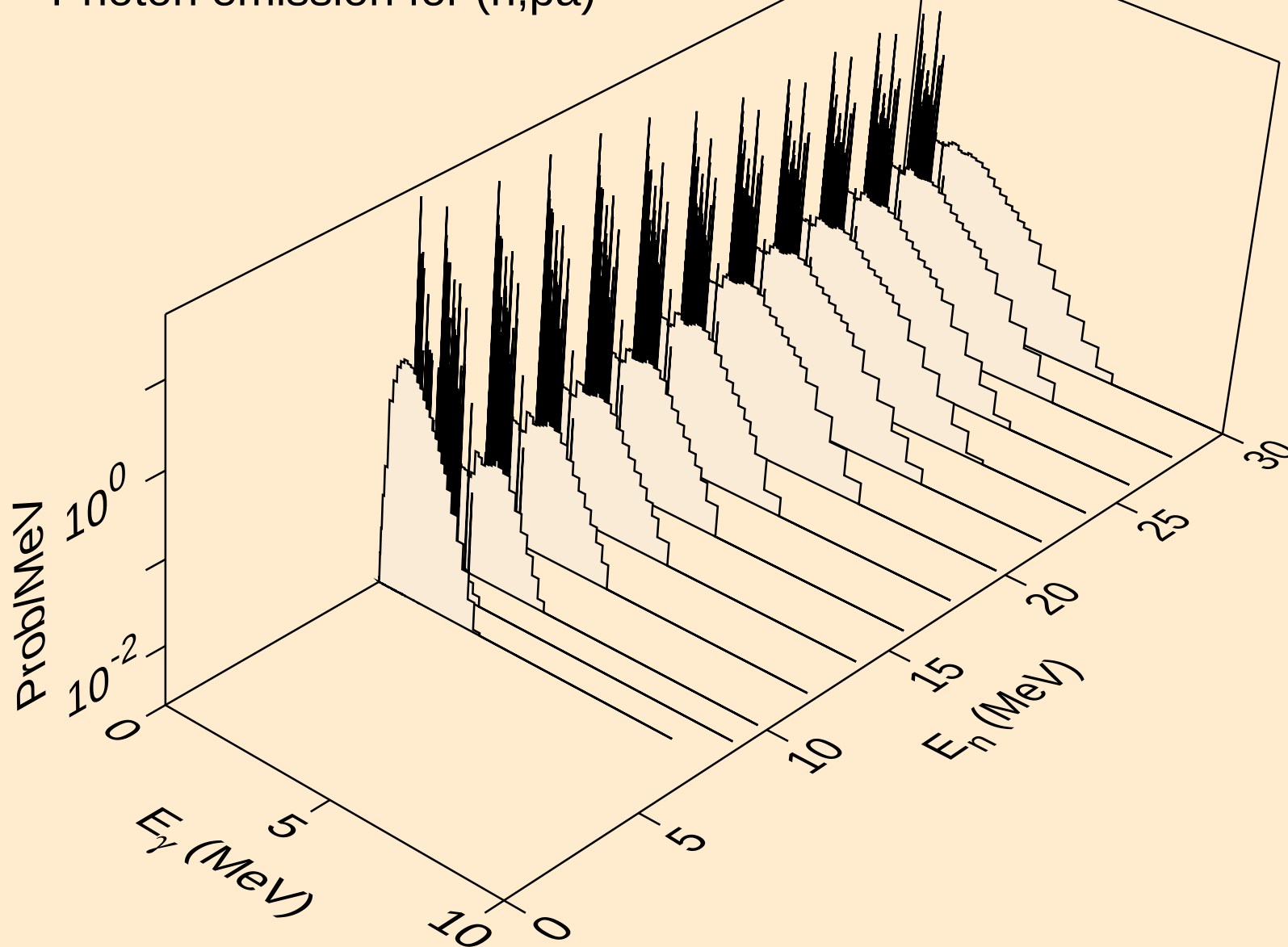


EU141 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)

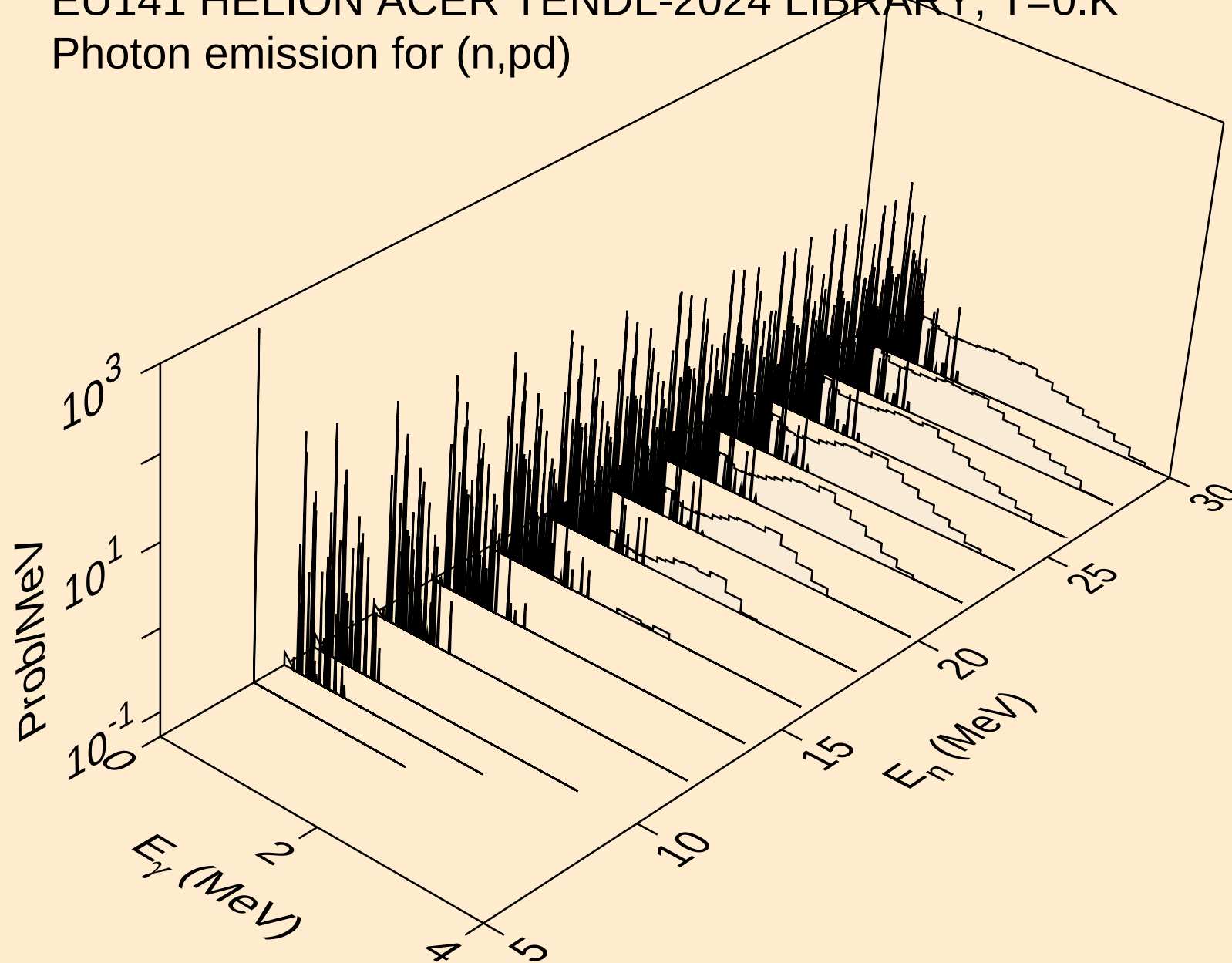


EU141 HELION ACER TENDL-2024 LIBRARY; T=0.K

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

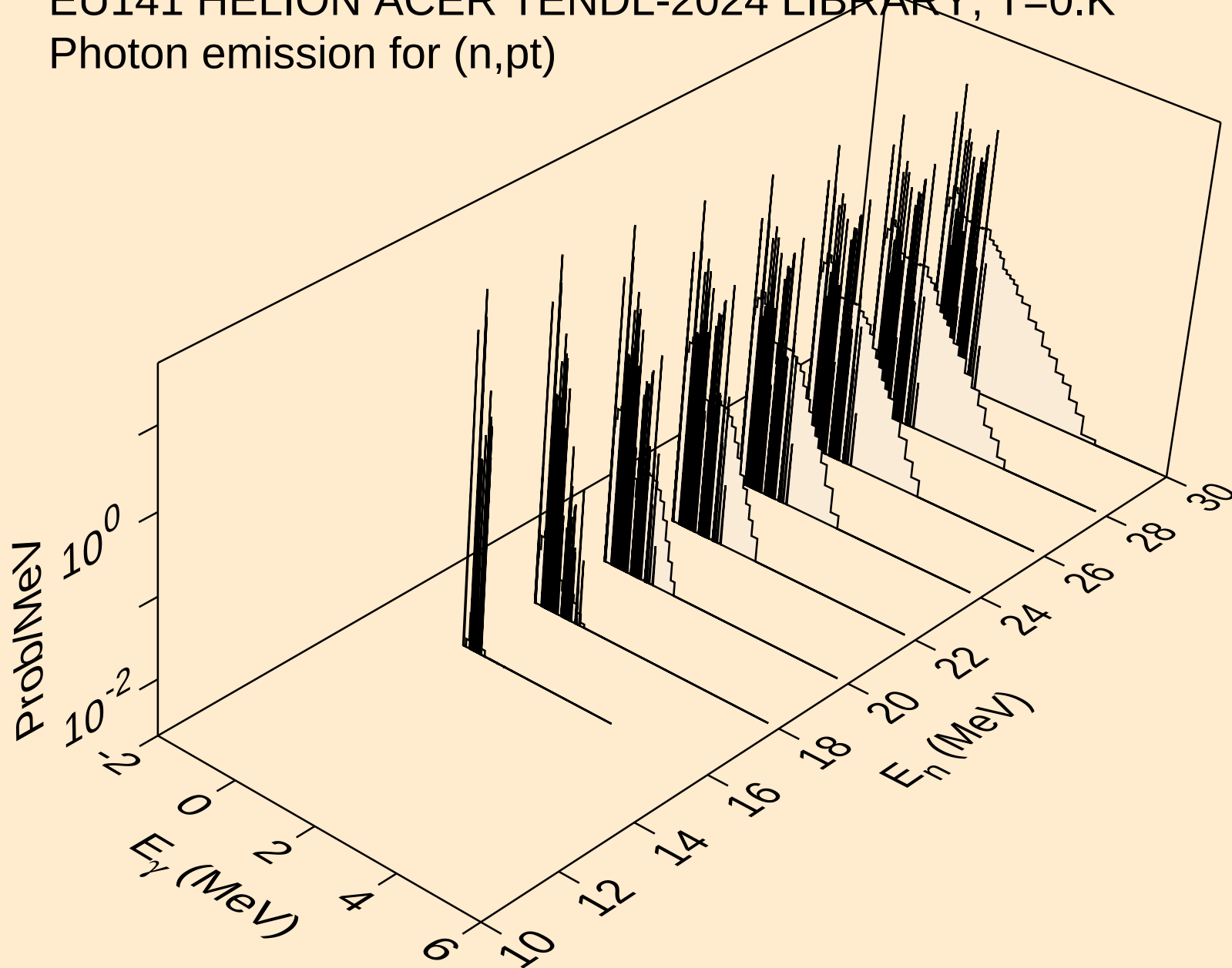


EU141 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)

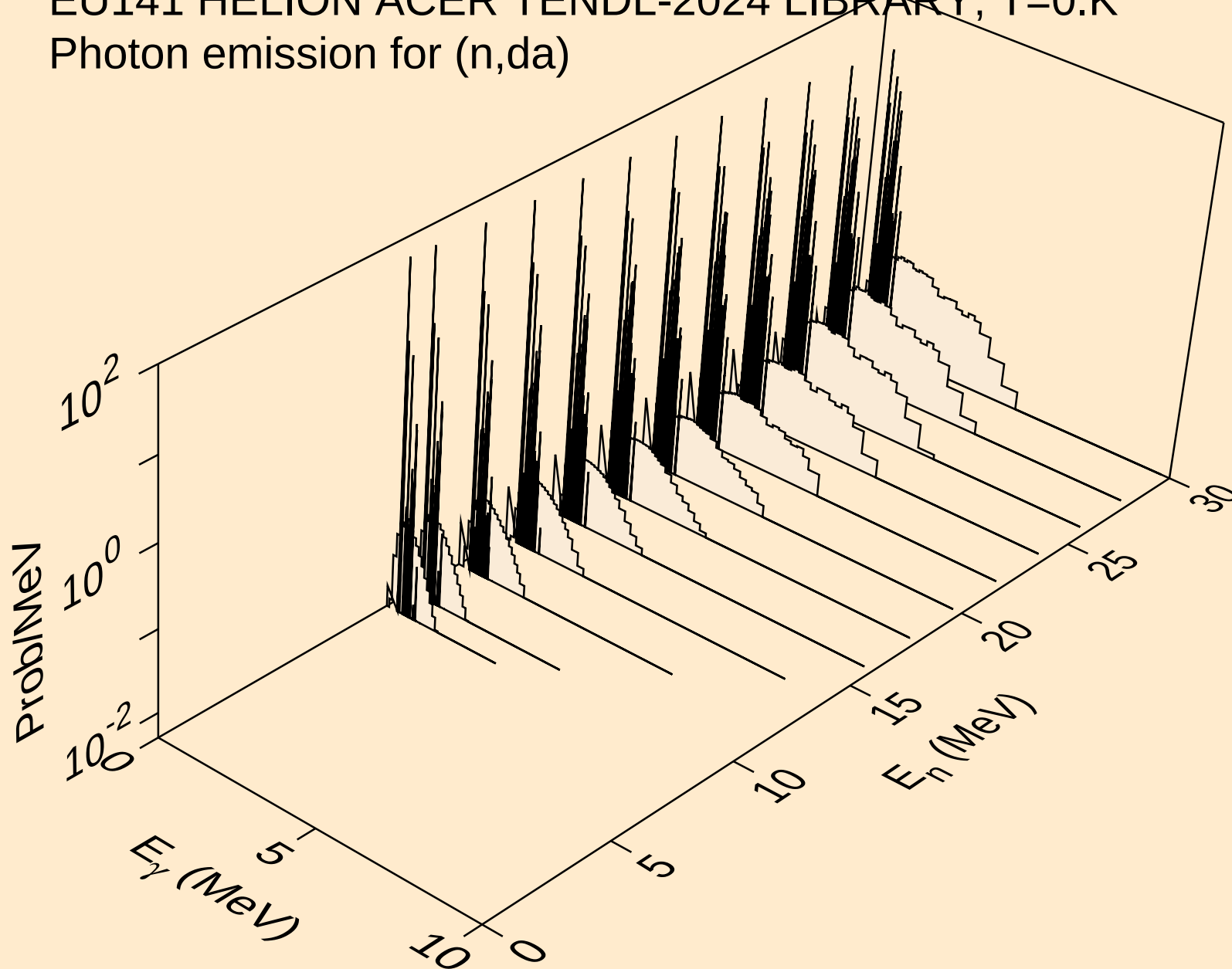


EU141 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,pt)

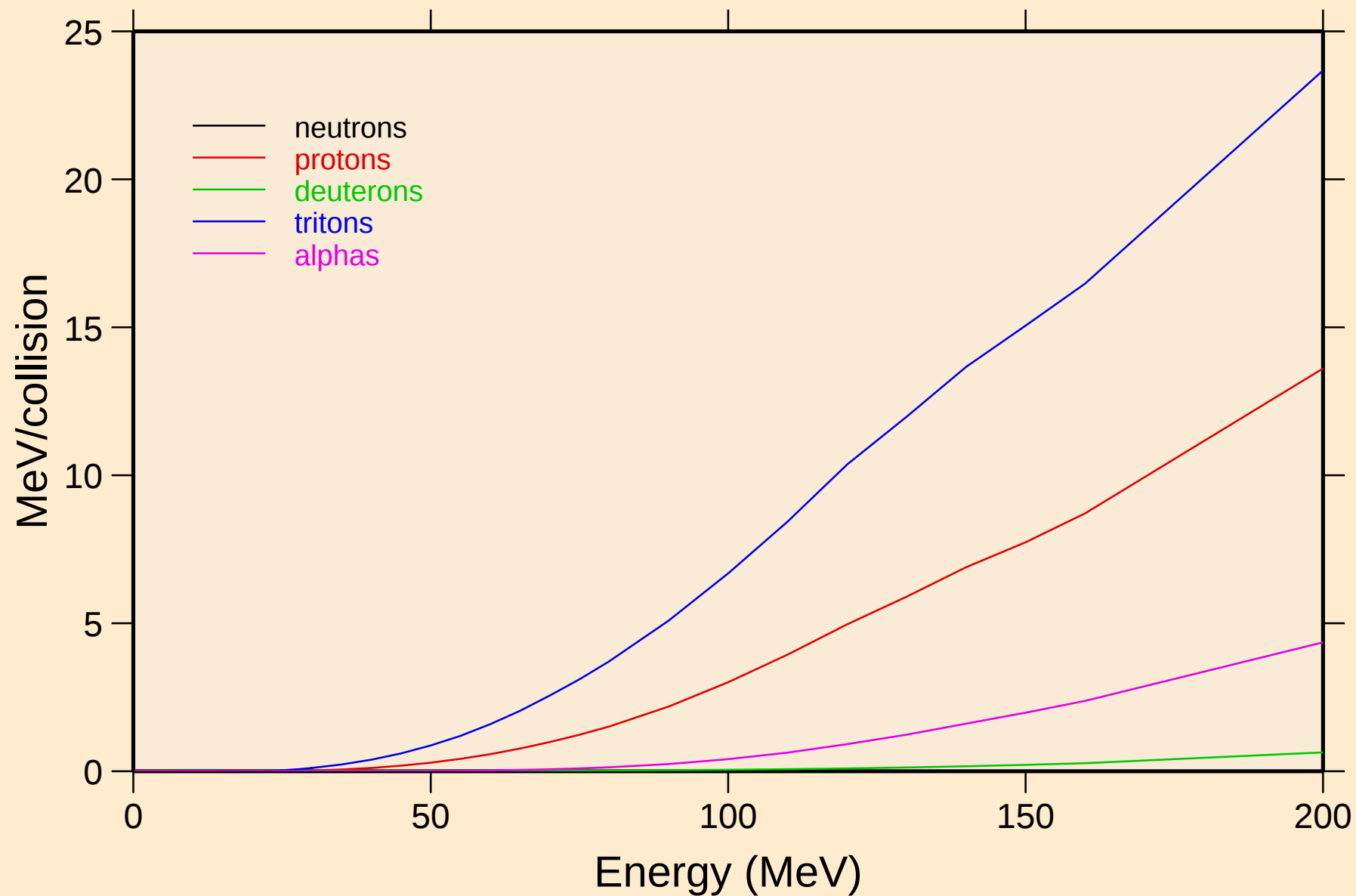


EU141 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



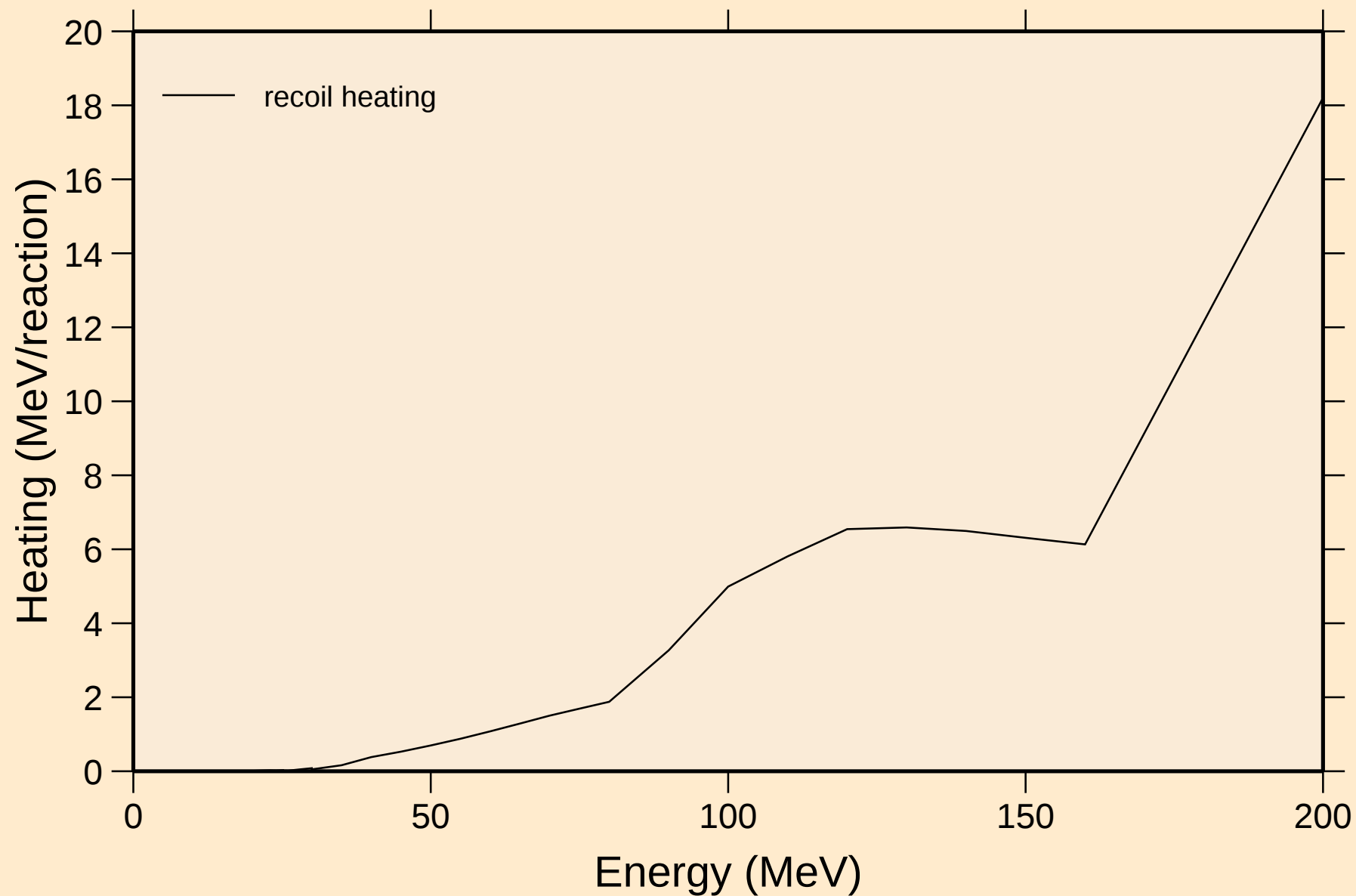
# EU141 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions



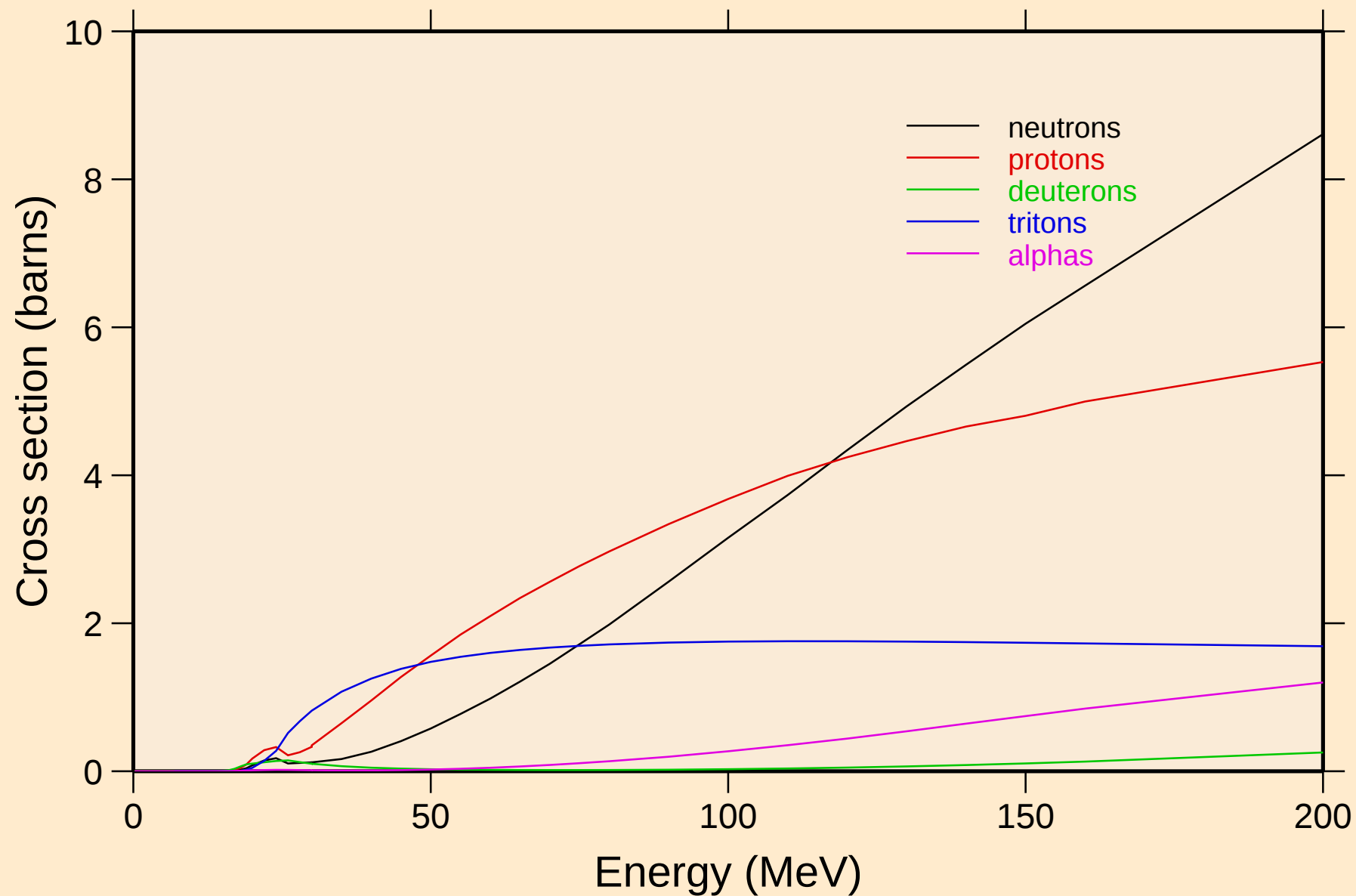
EU141 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Recoil Heating

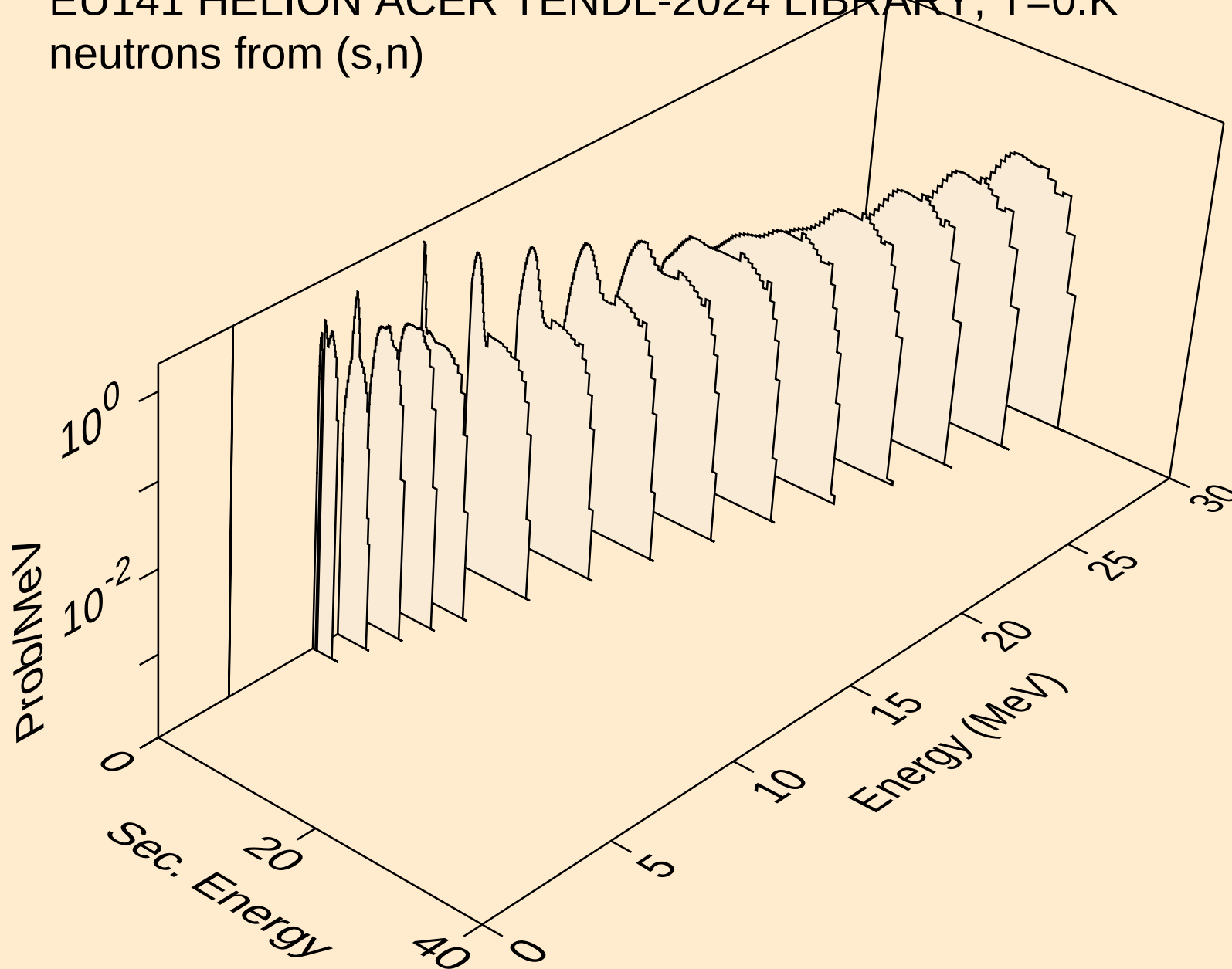


# EU141 HELION ACER TENDL-2024 LIBRARY; T=0.K

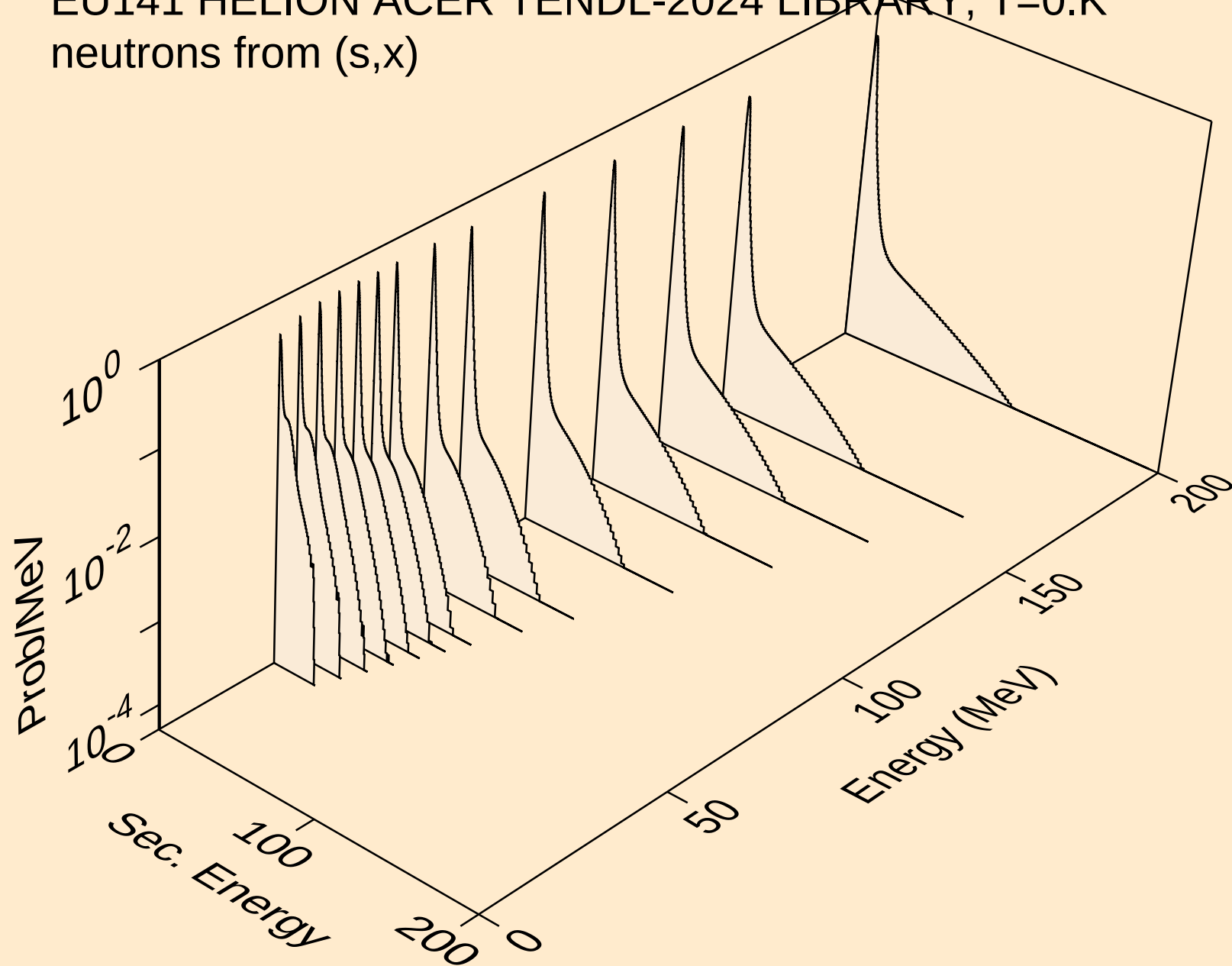
## Particle production cross sections



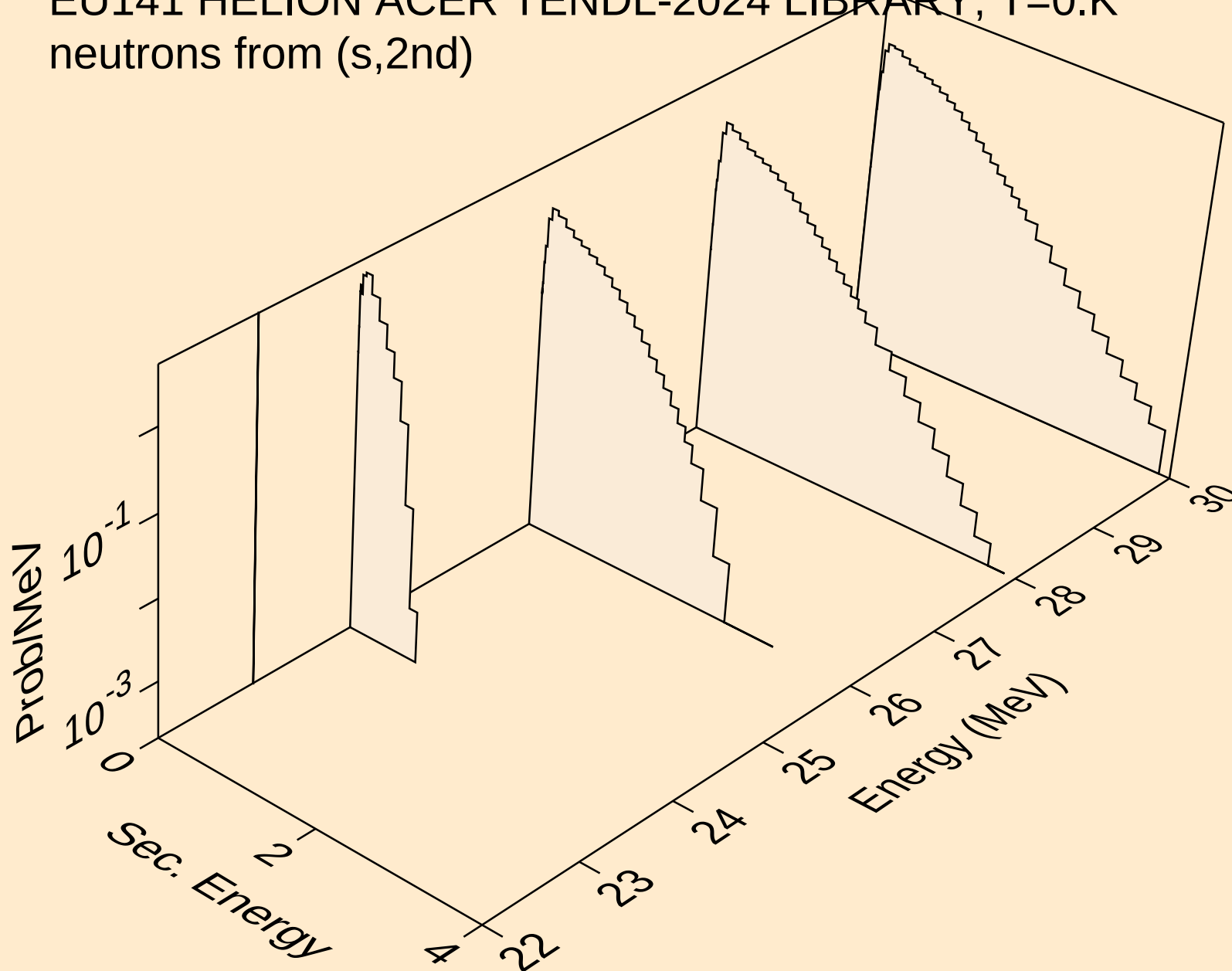
EU141 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n)



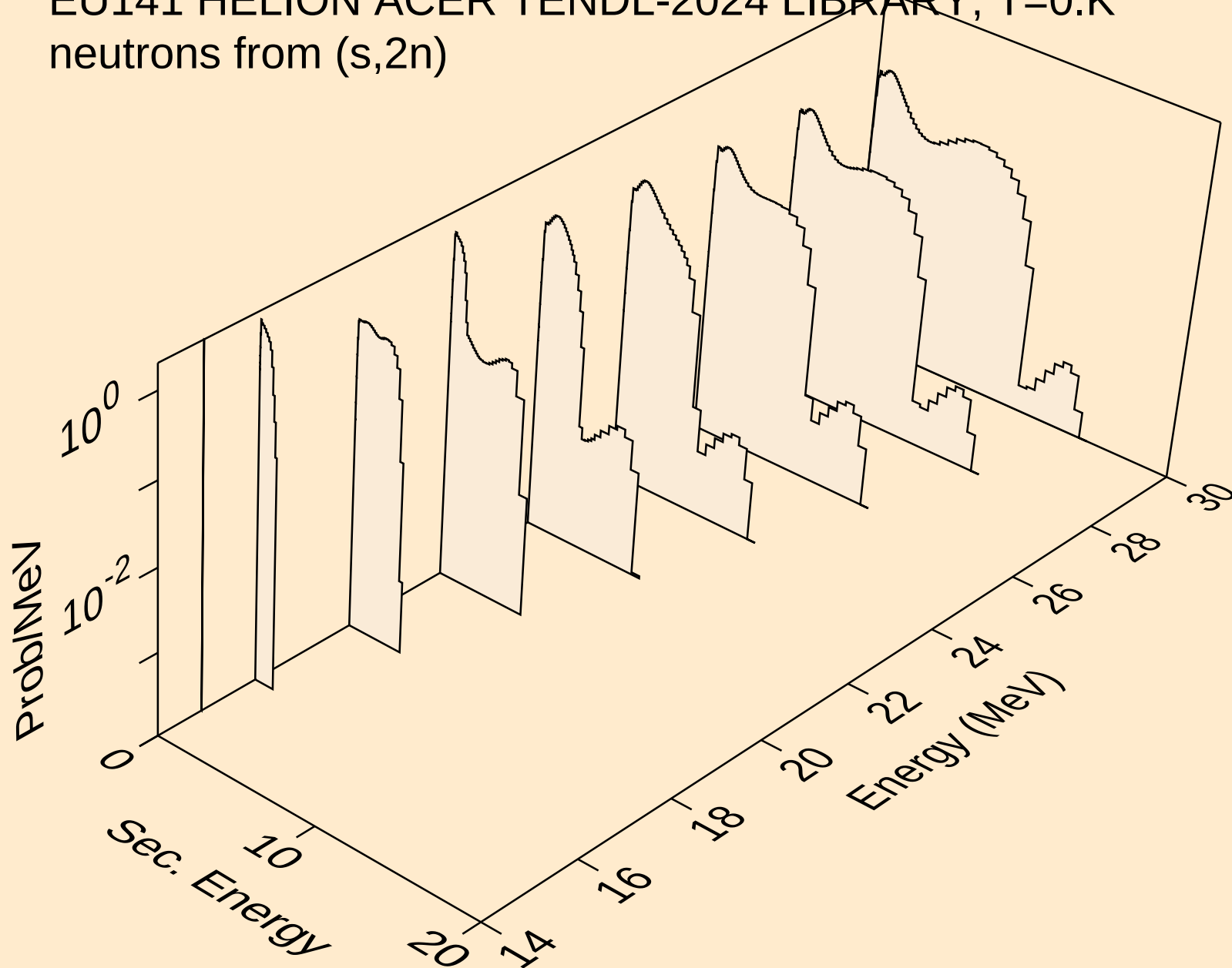
EU141 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,x)



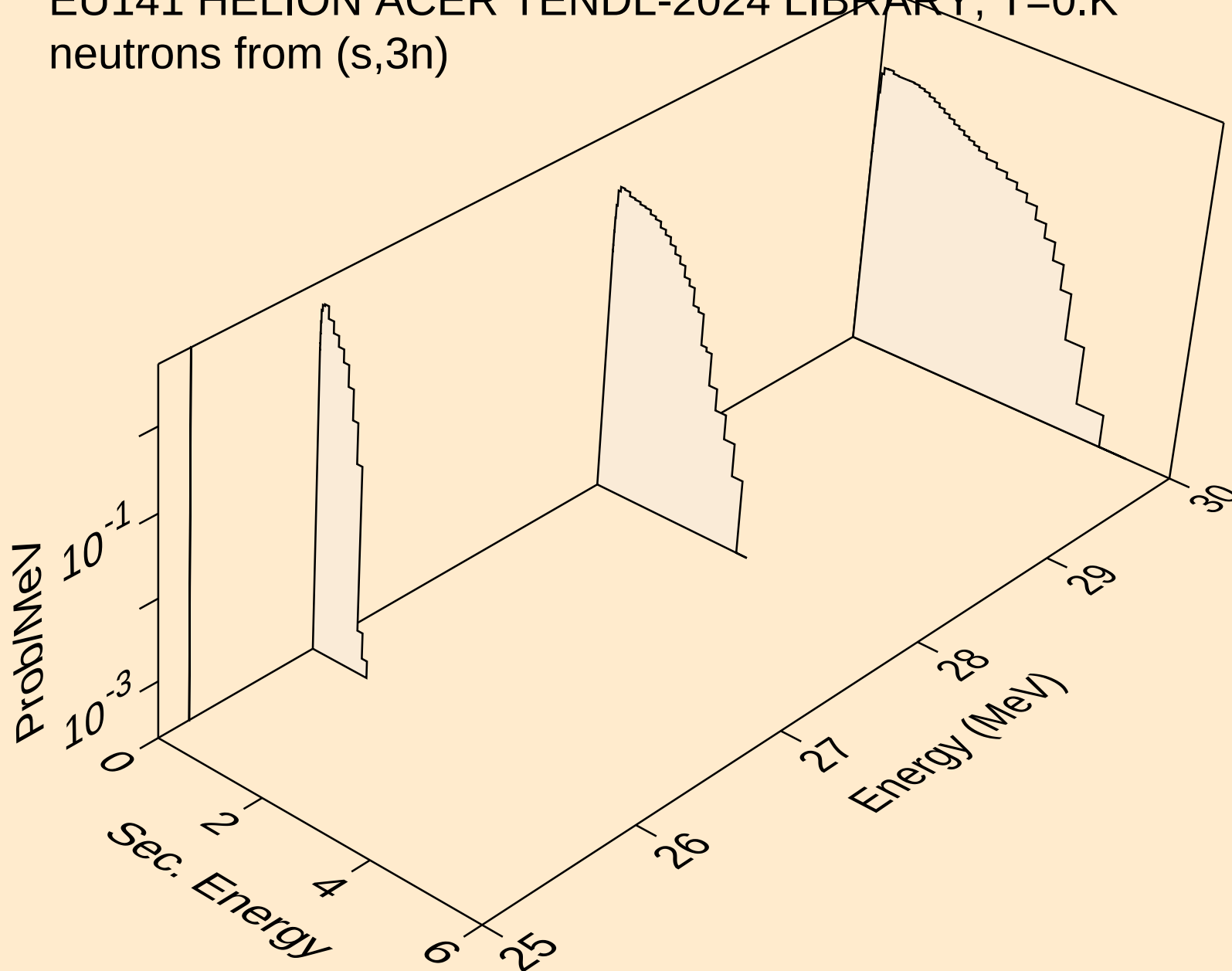
EU141 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2nd)



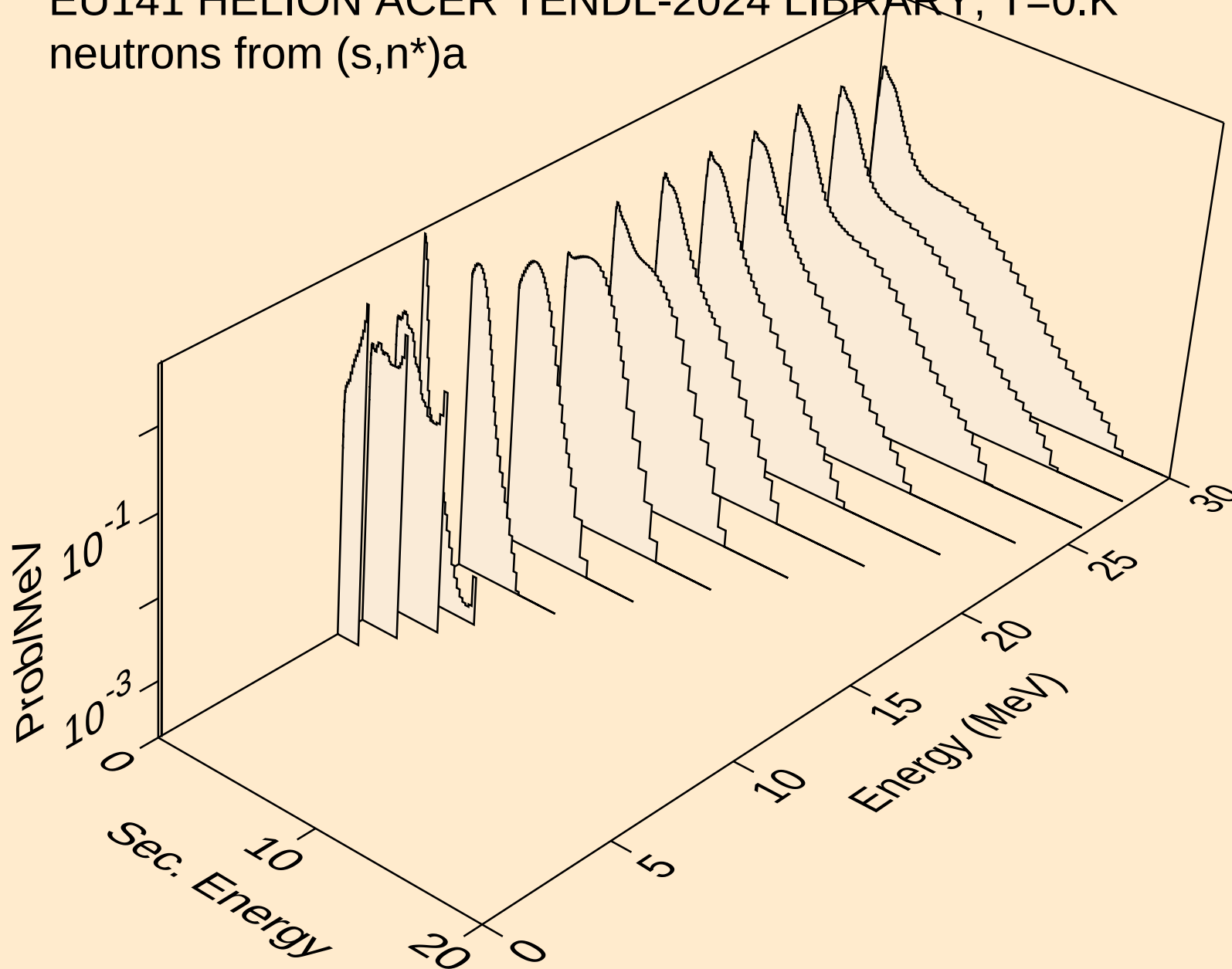
EU141 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2n)



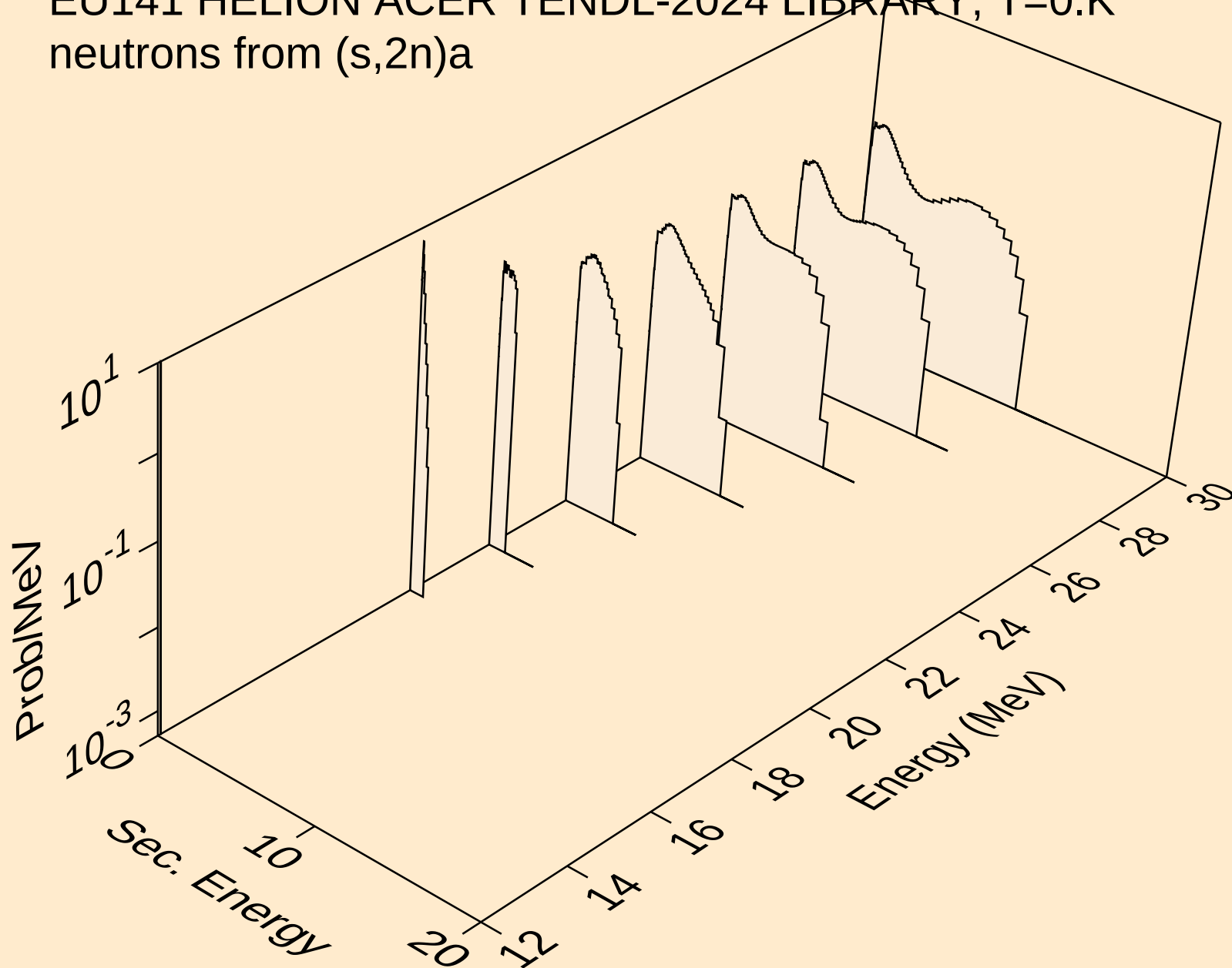
EU141 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,3n)



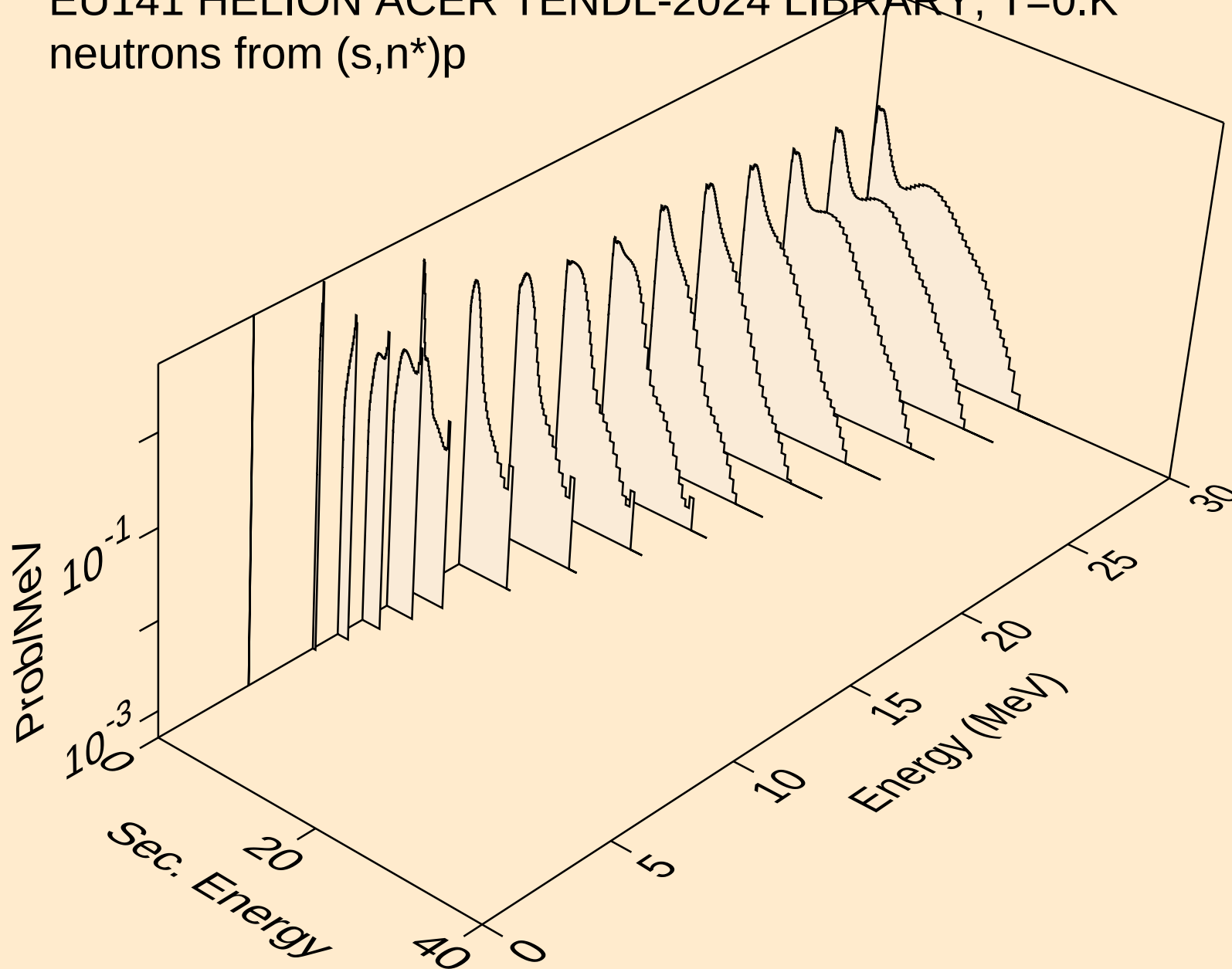
EU141 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)a



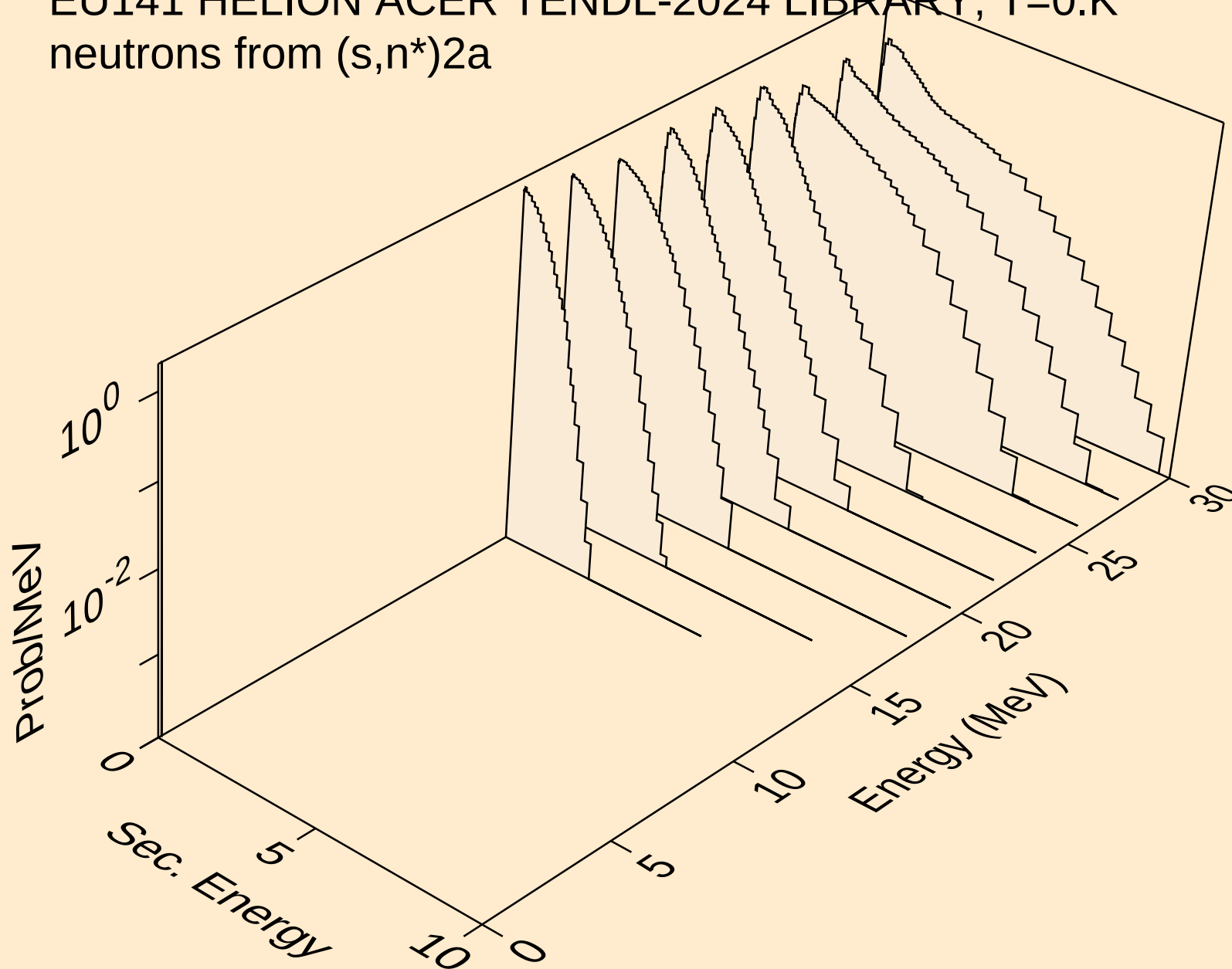
EU141 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2n)a



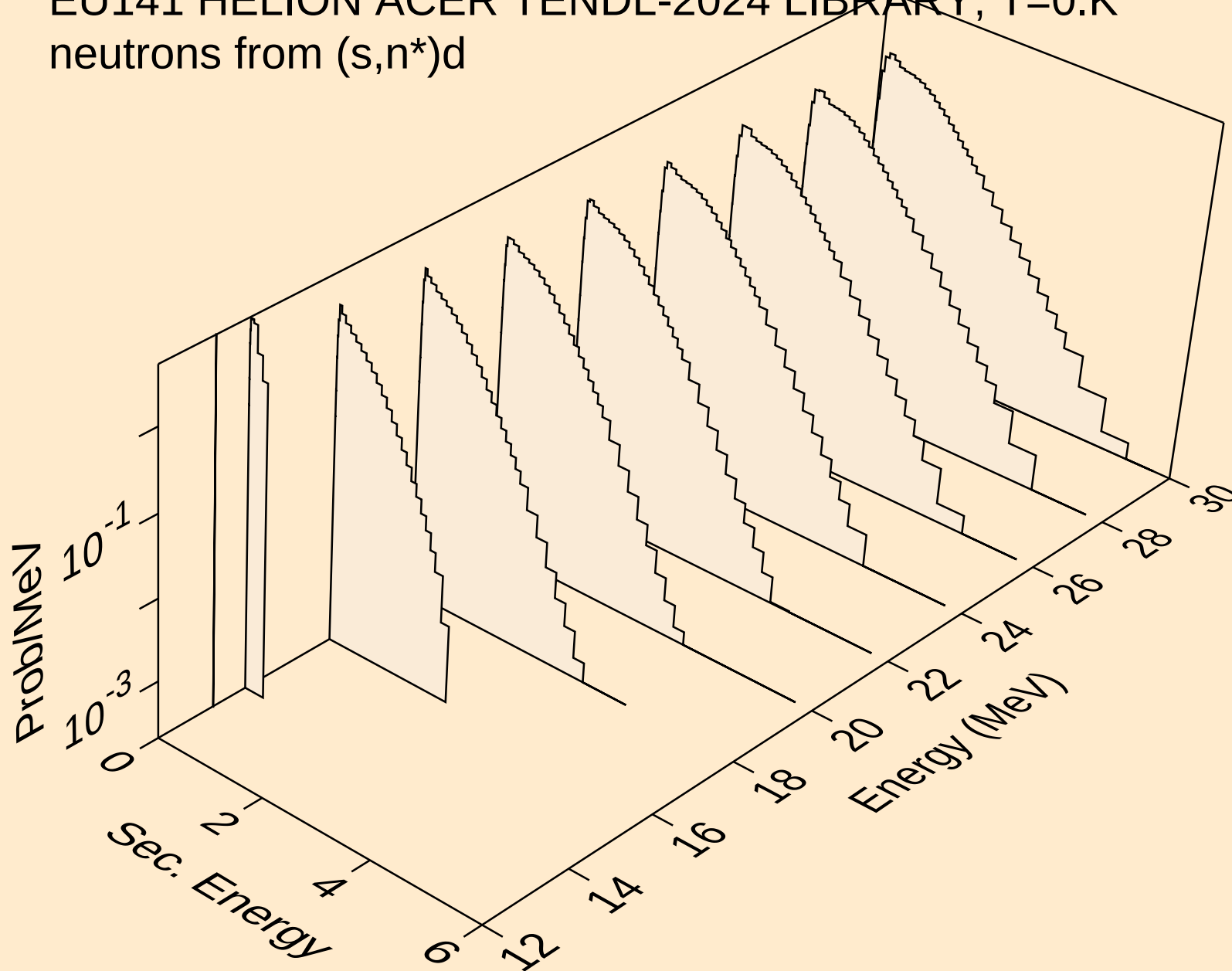
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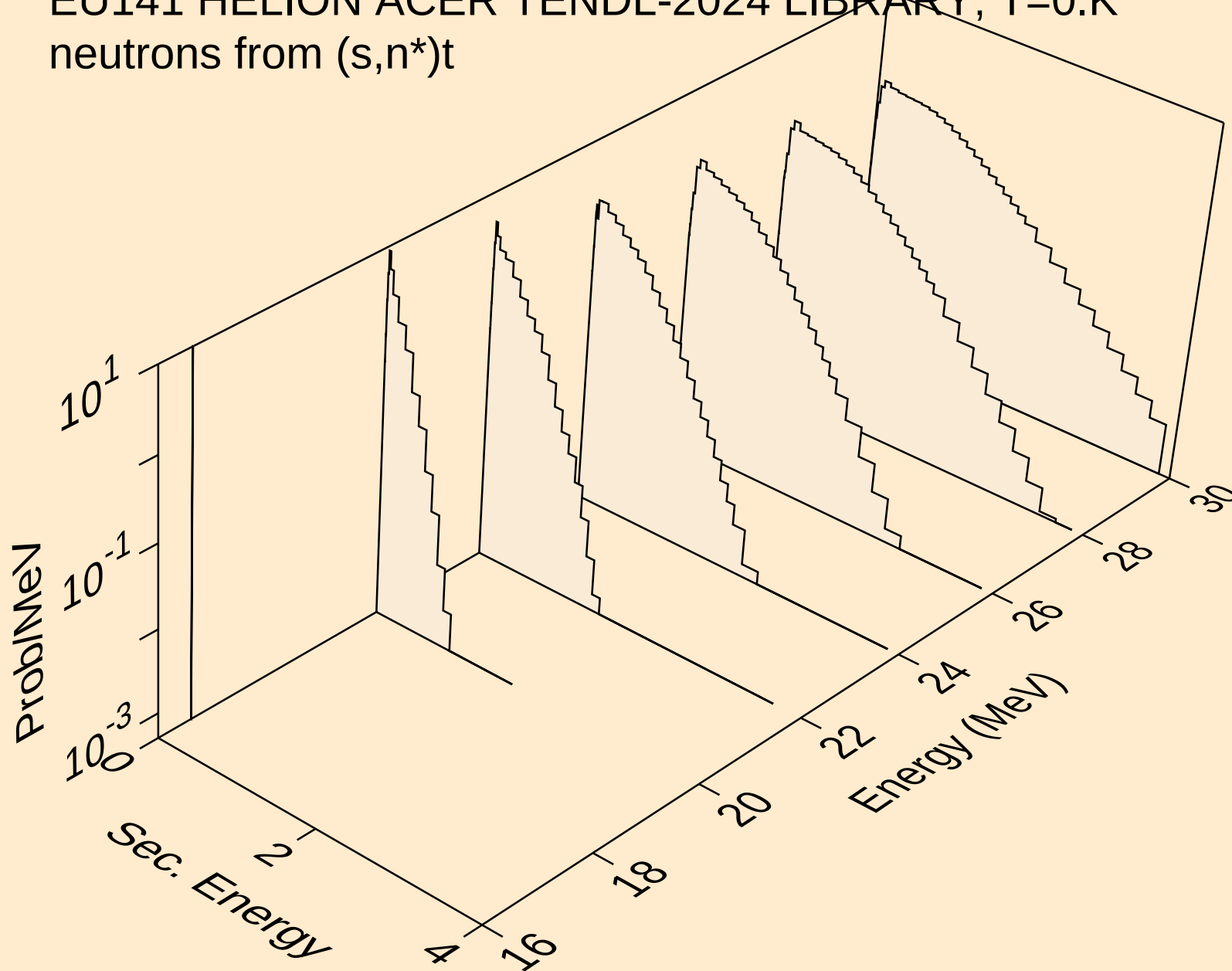
EU141 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)2a



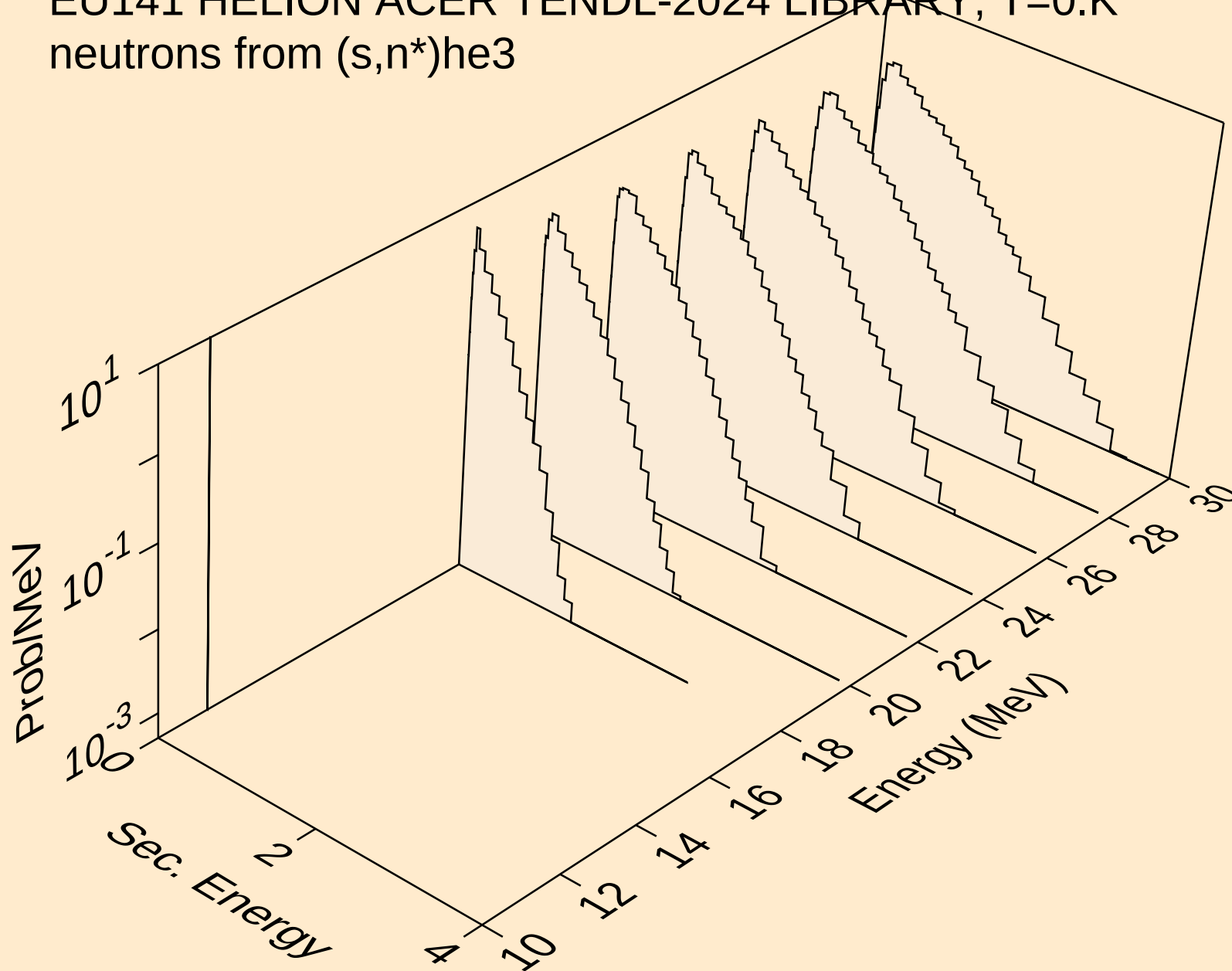
EU141 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)d



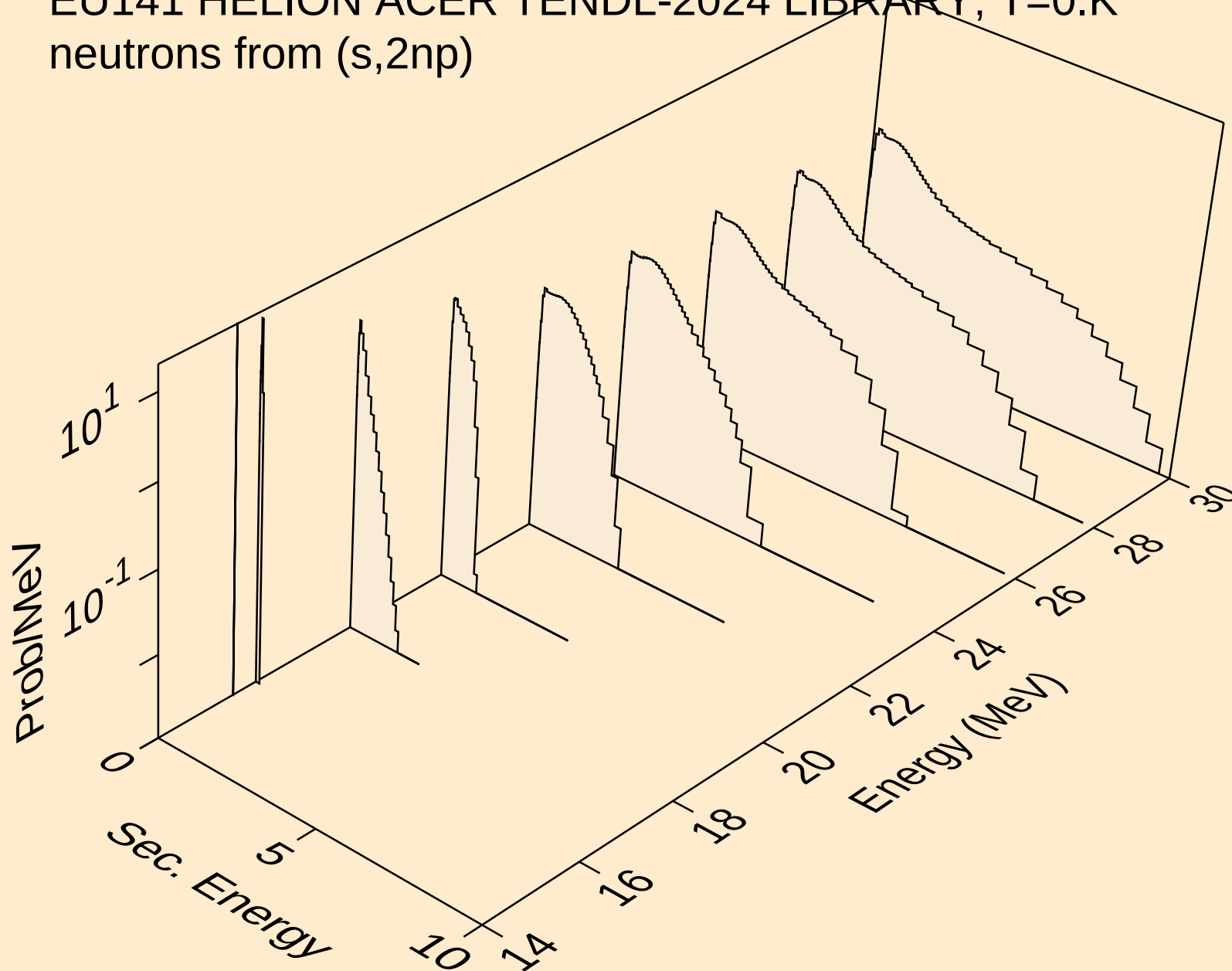
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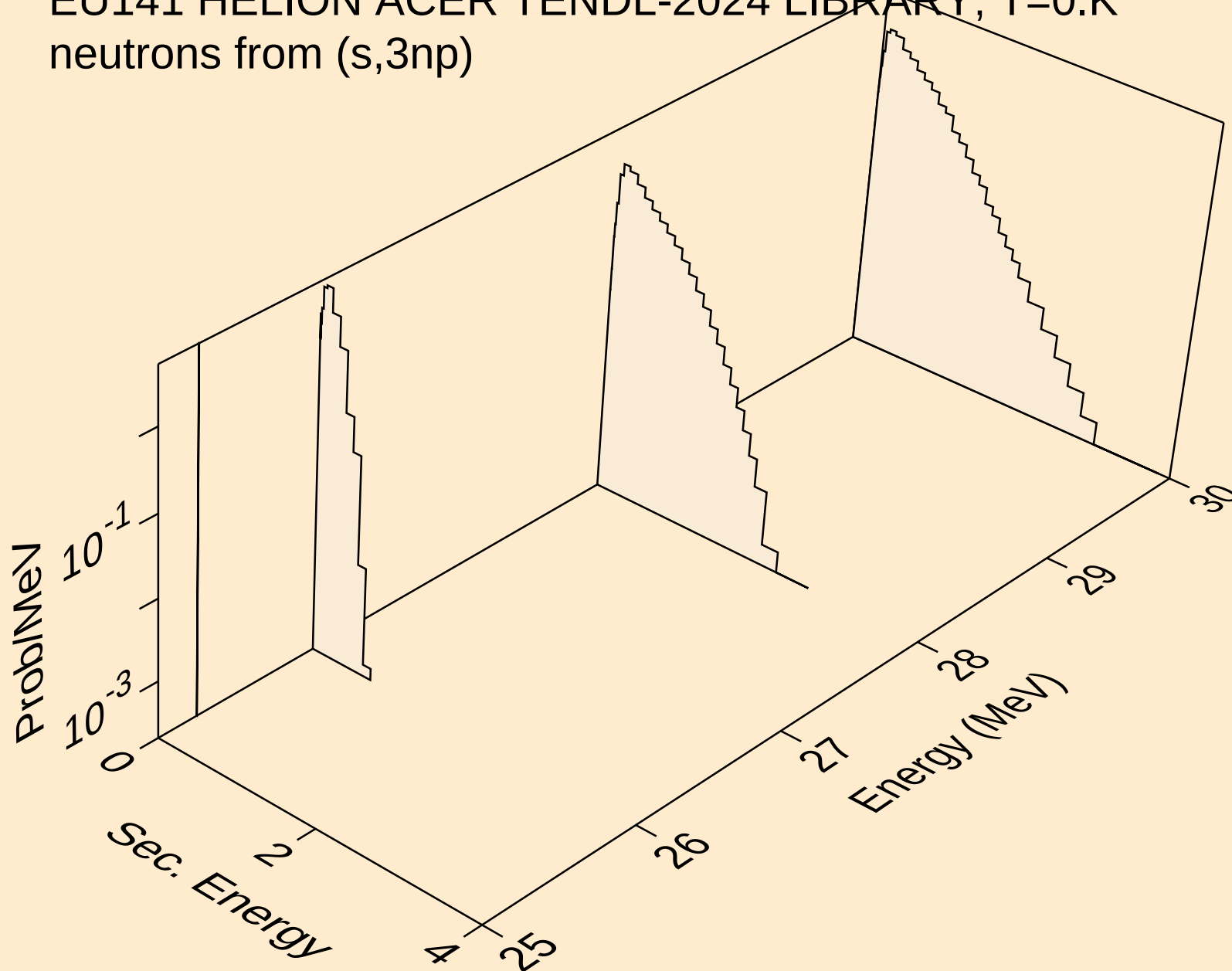
EU141 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



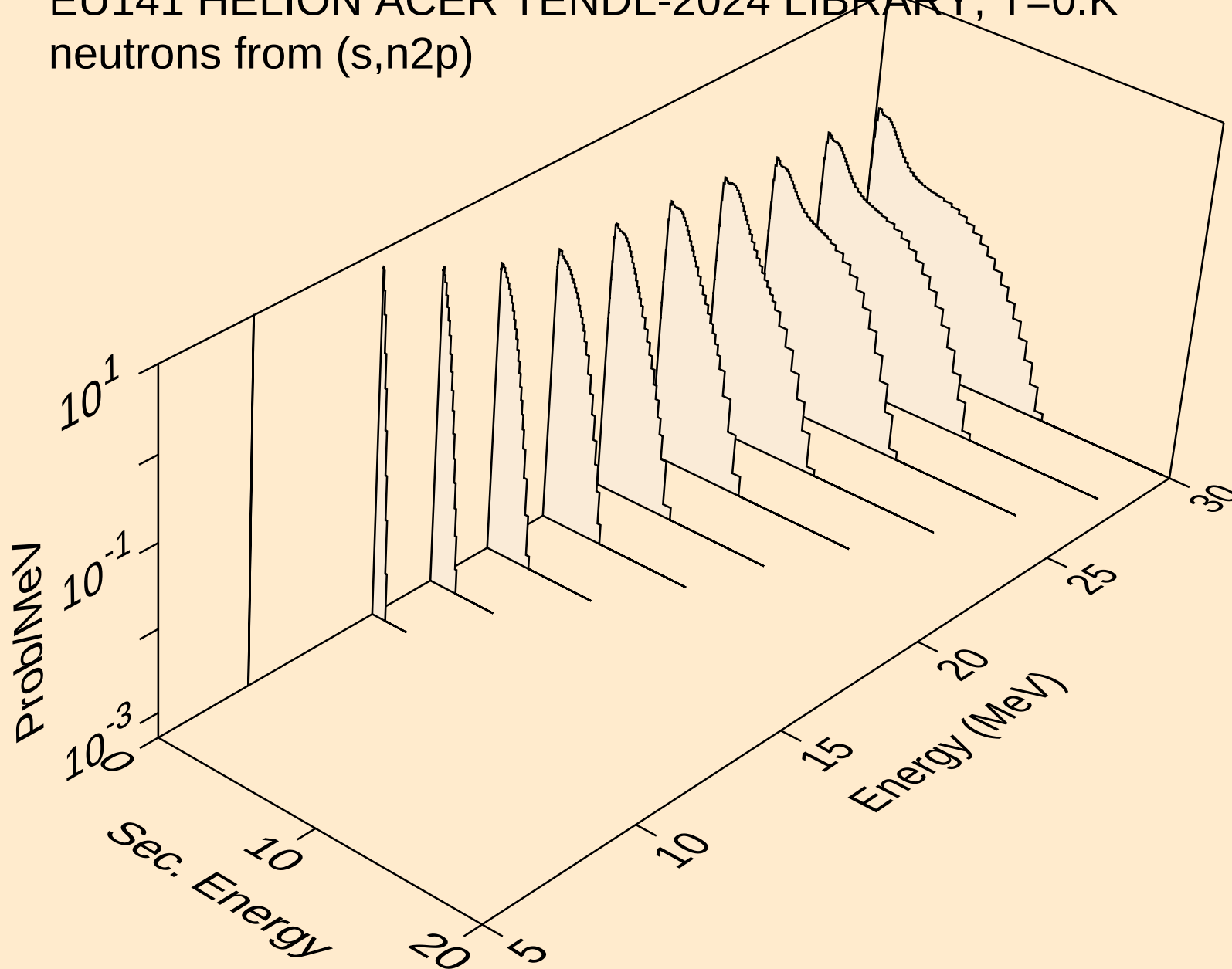
EU141 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2np)



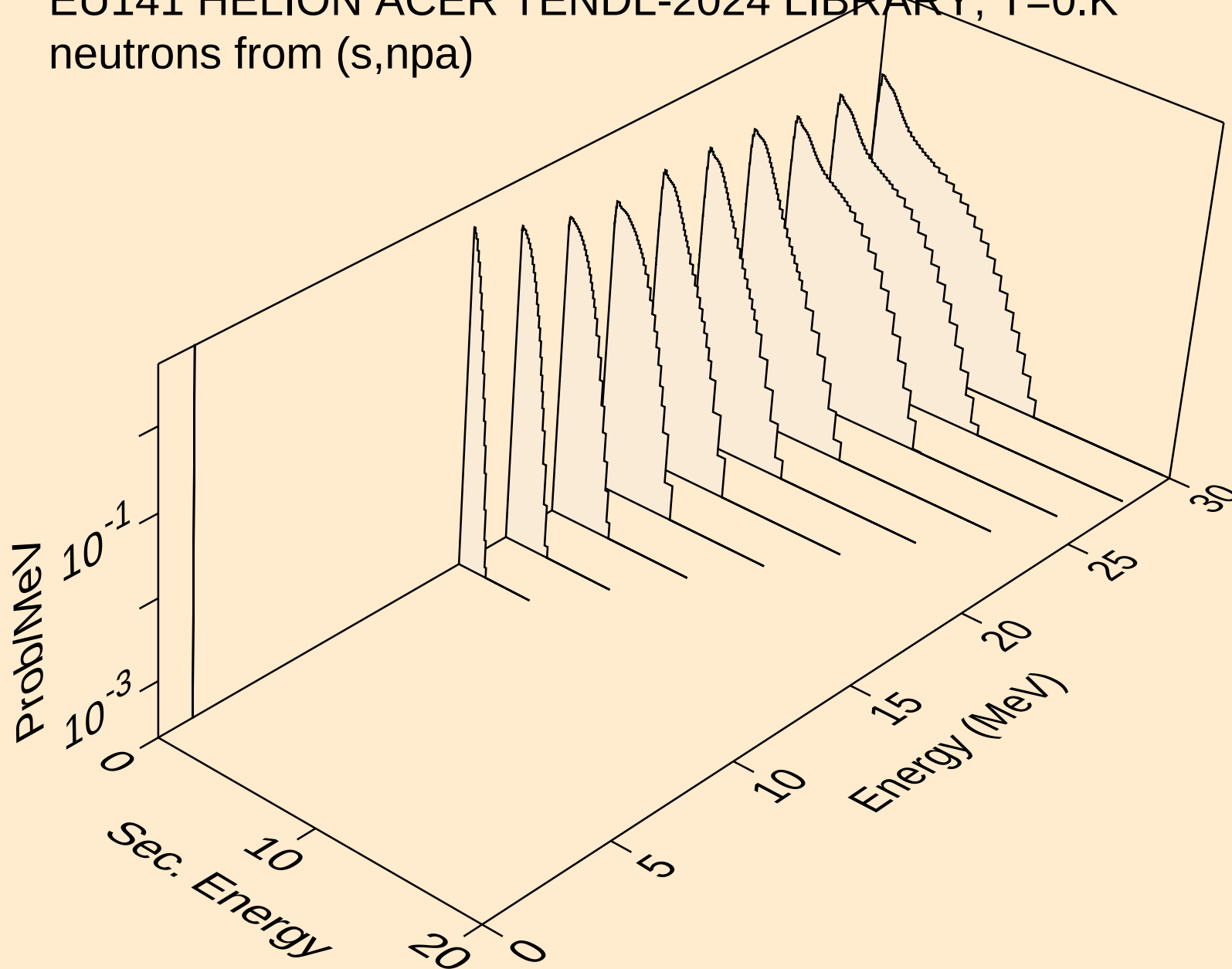
EU141 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,3np)



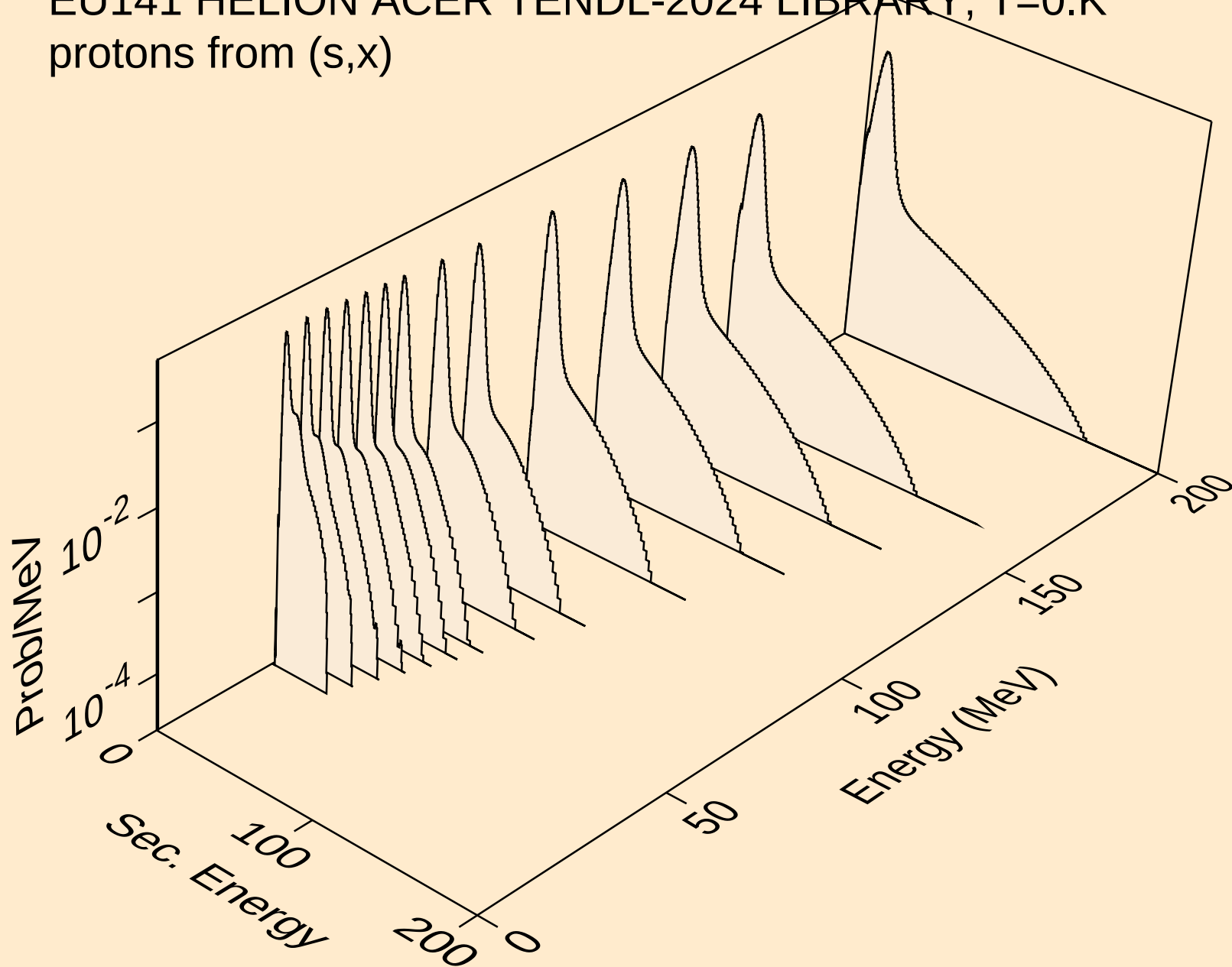
EU141 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n2p)



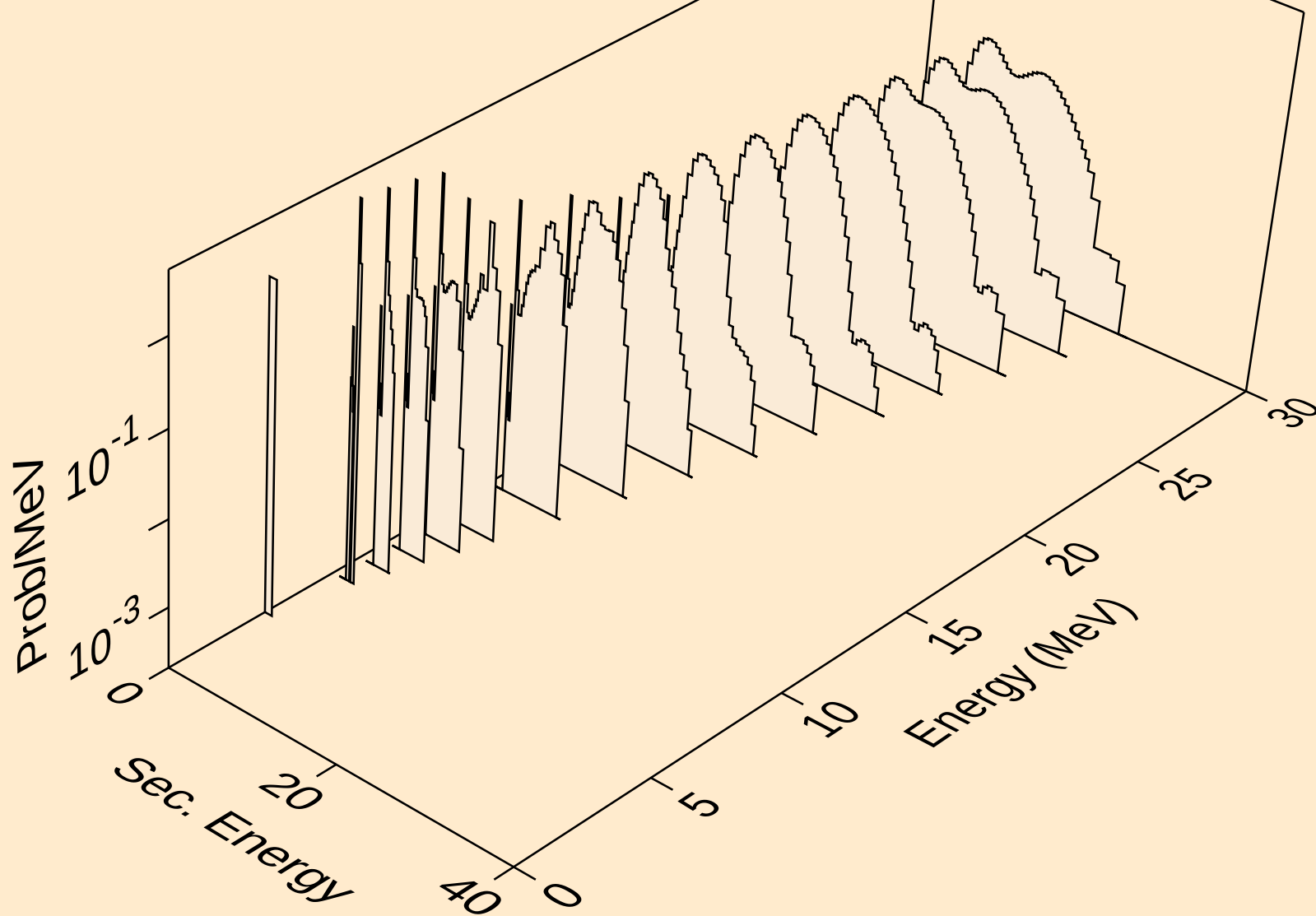
EU141 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,npa)



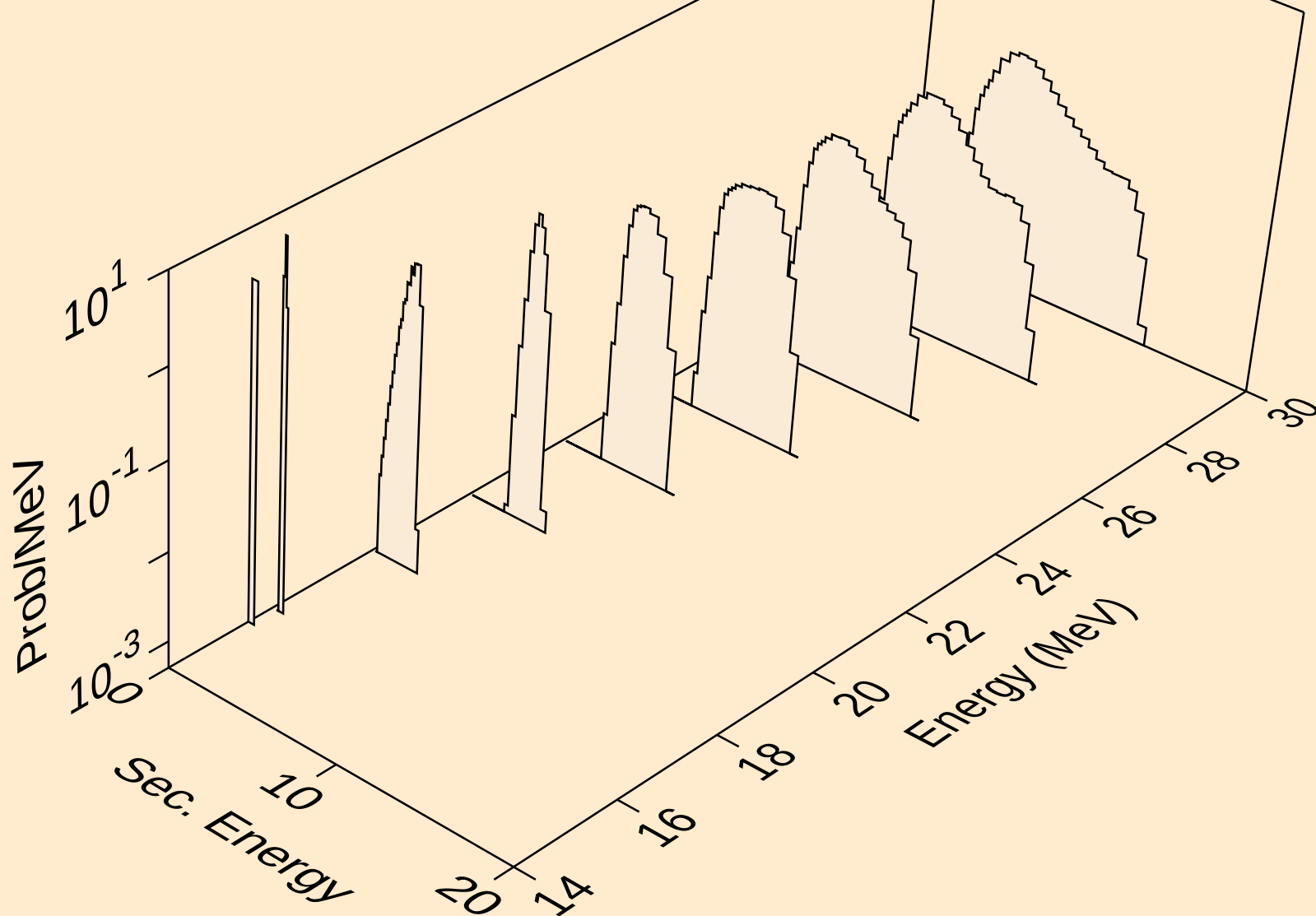
EU141 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,x)



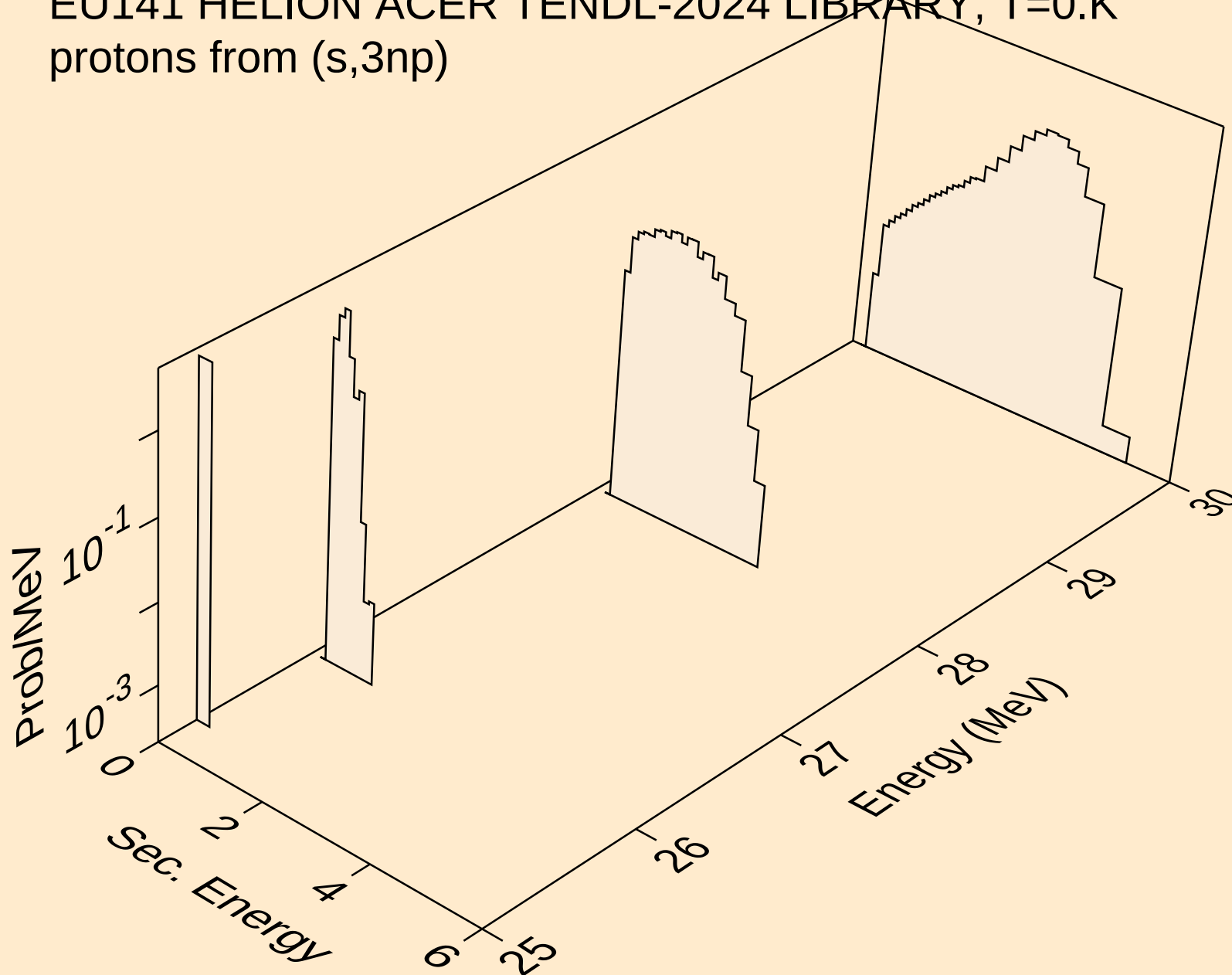
EU141 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,n\*)p



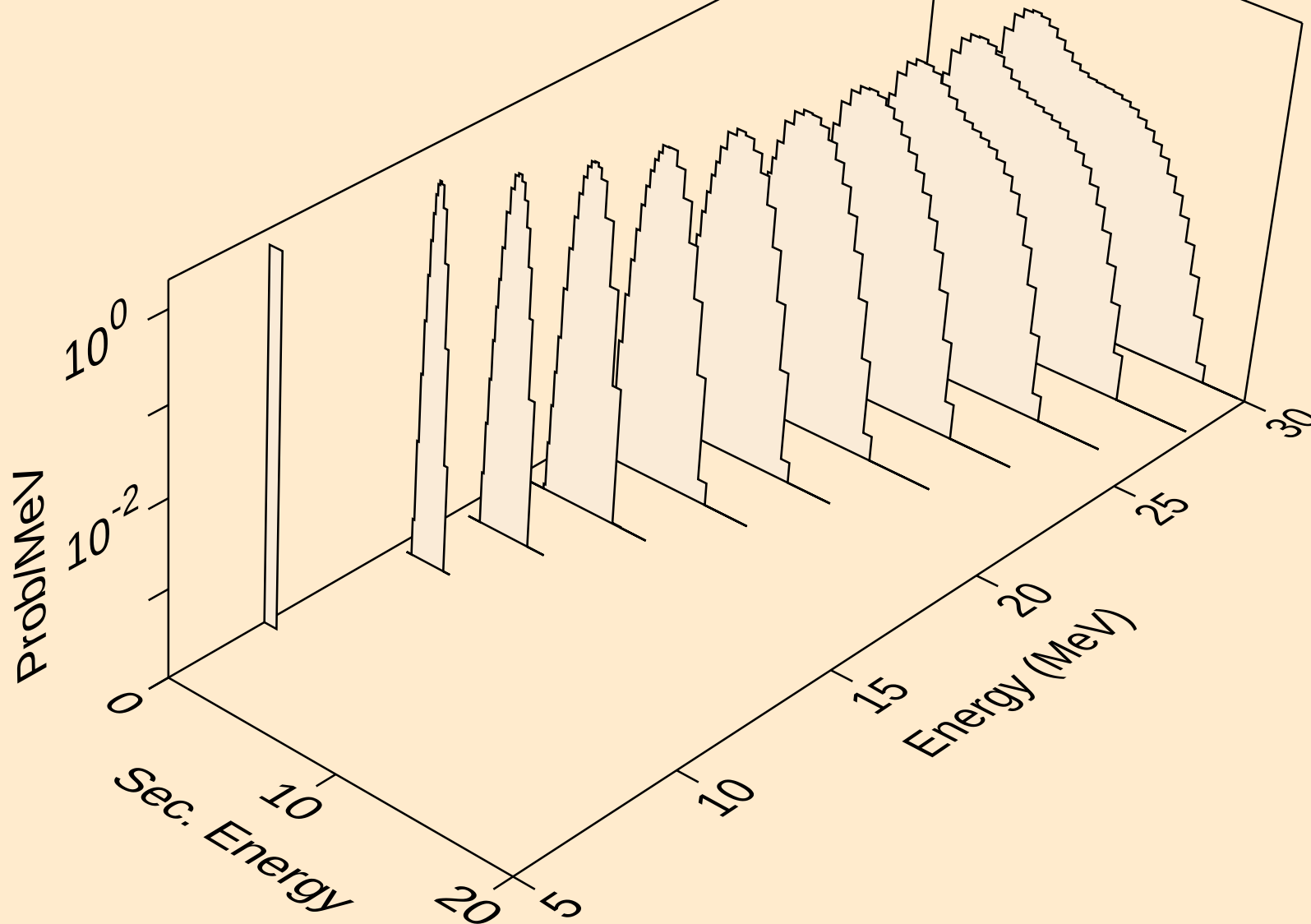
EU141 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,2np)



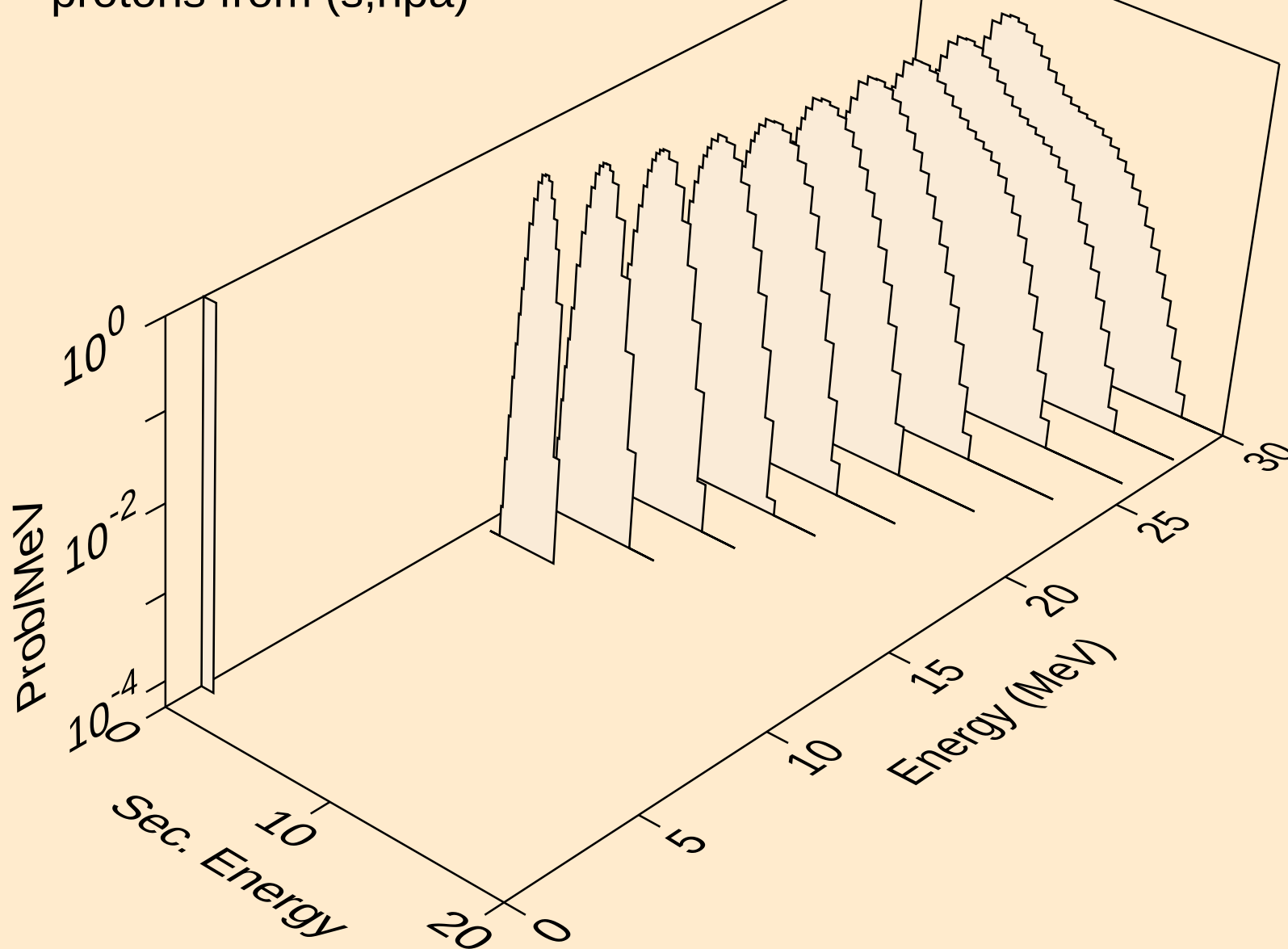
EU141 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,3np)



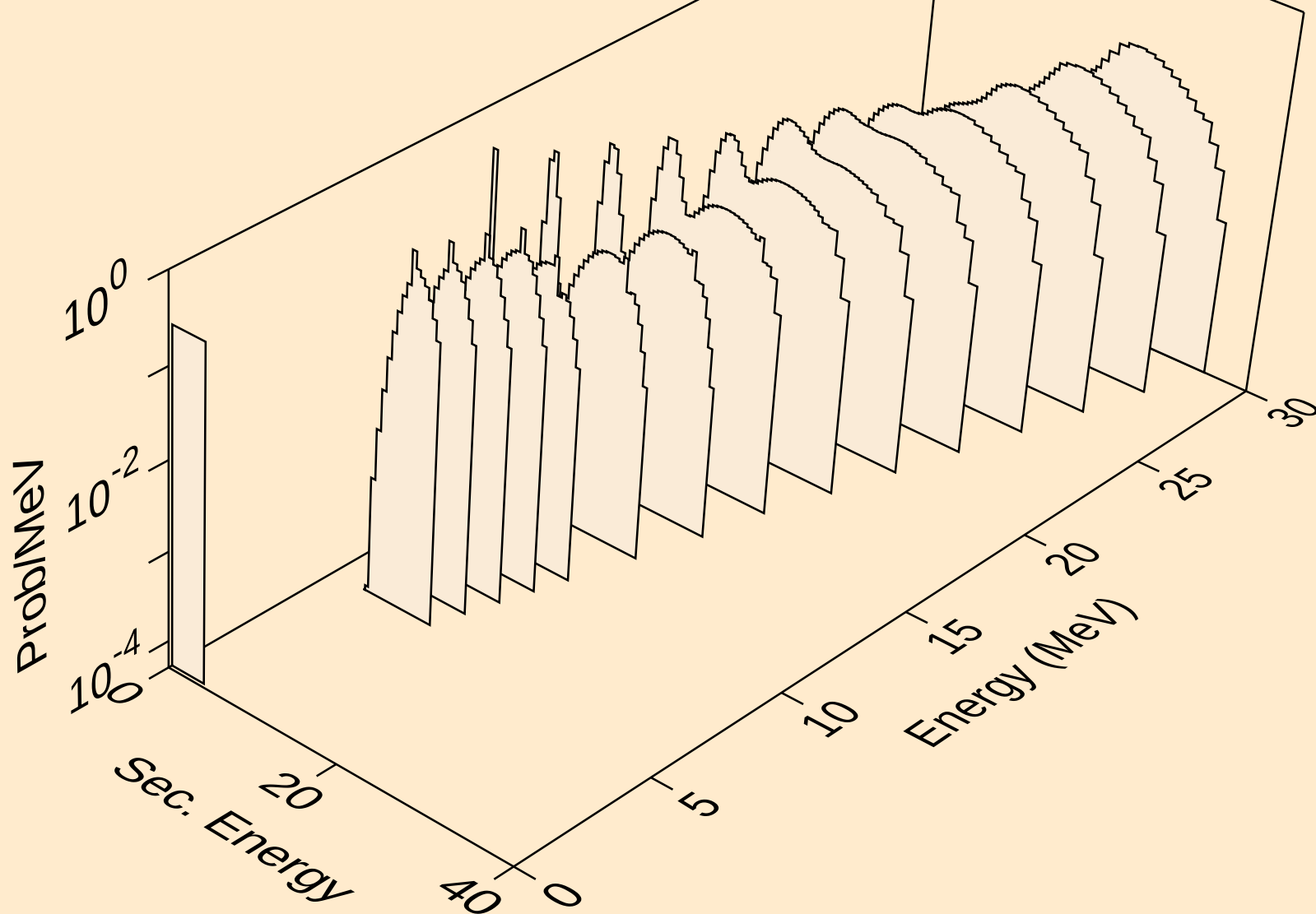
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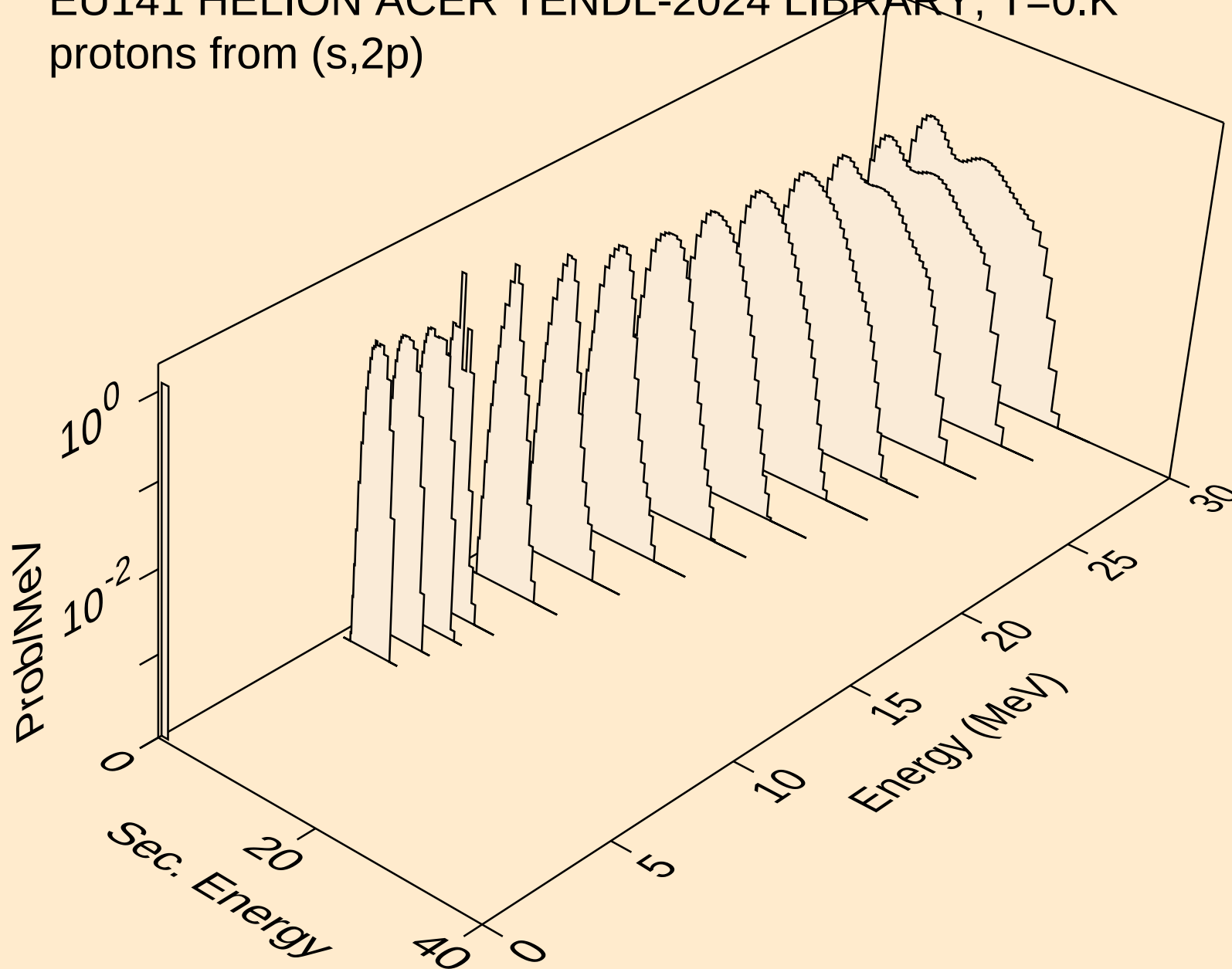
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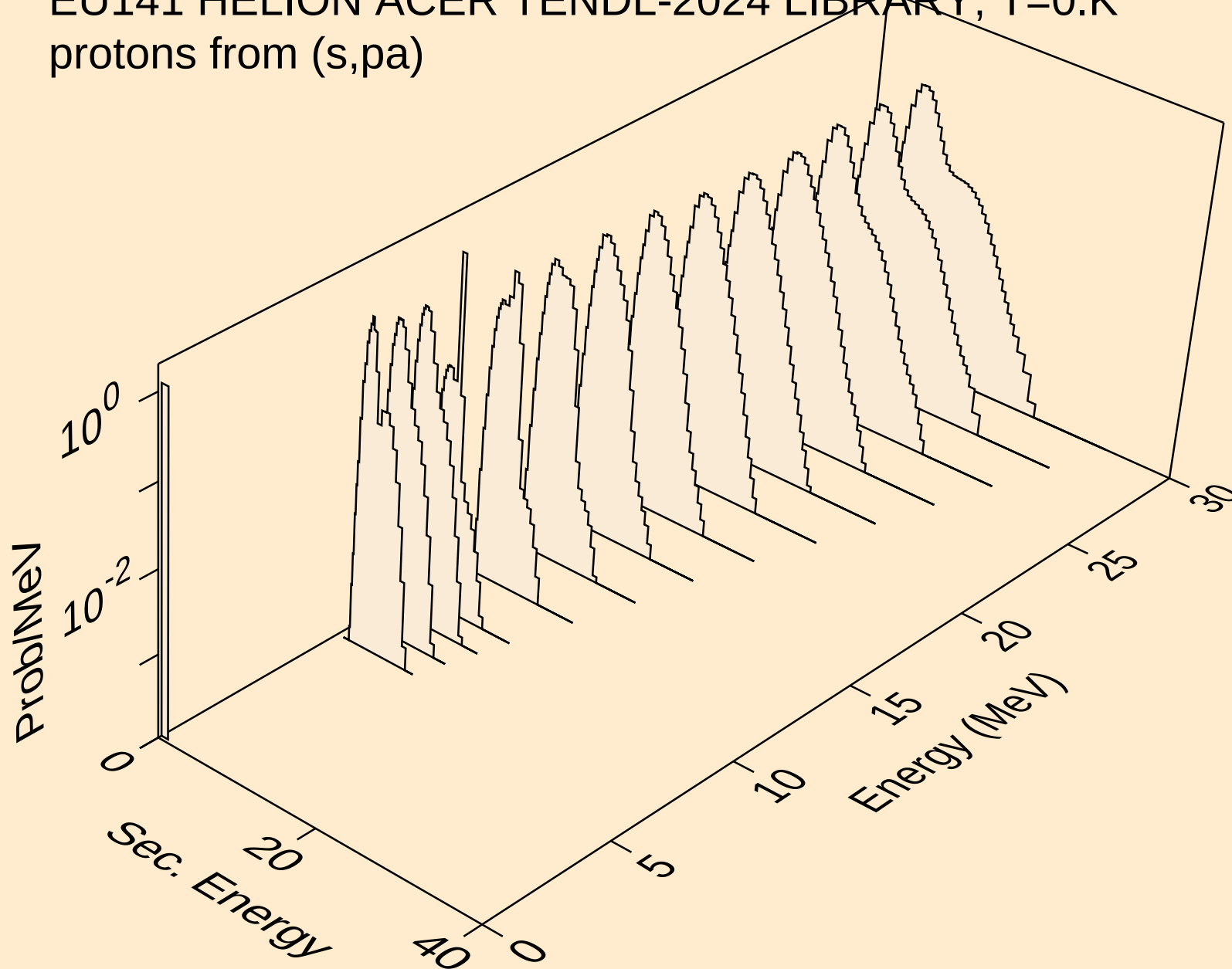
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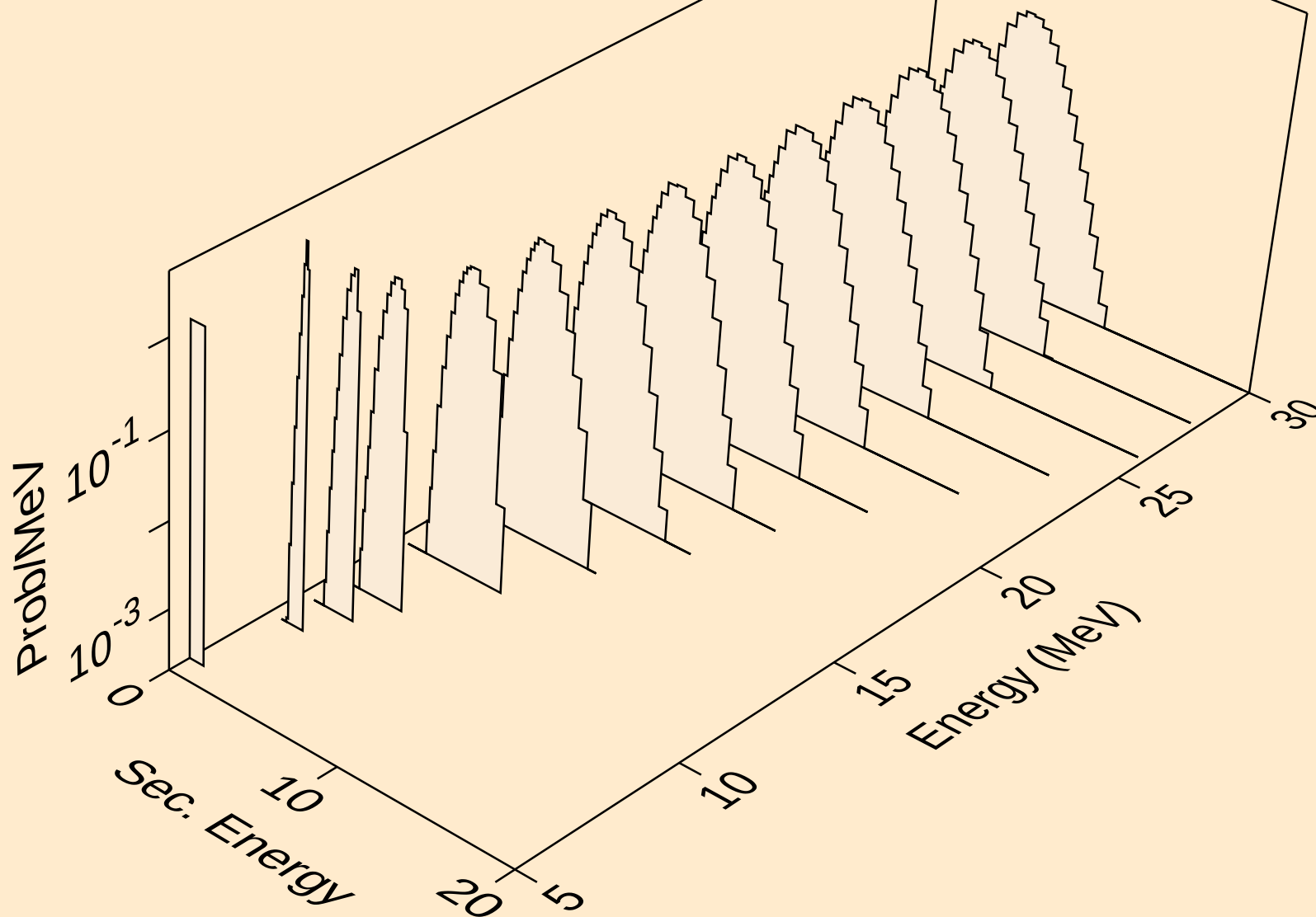
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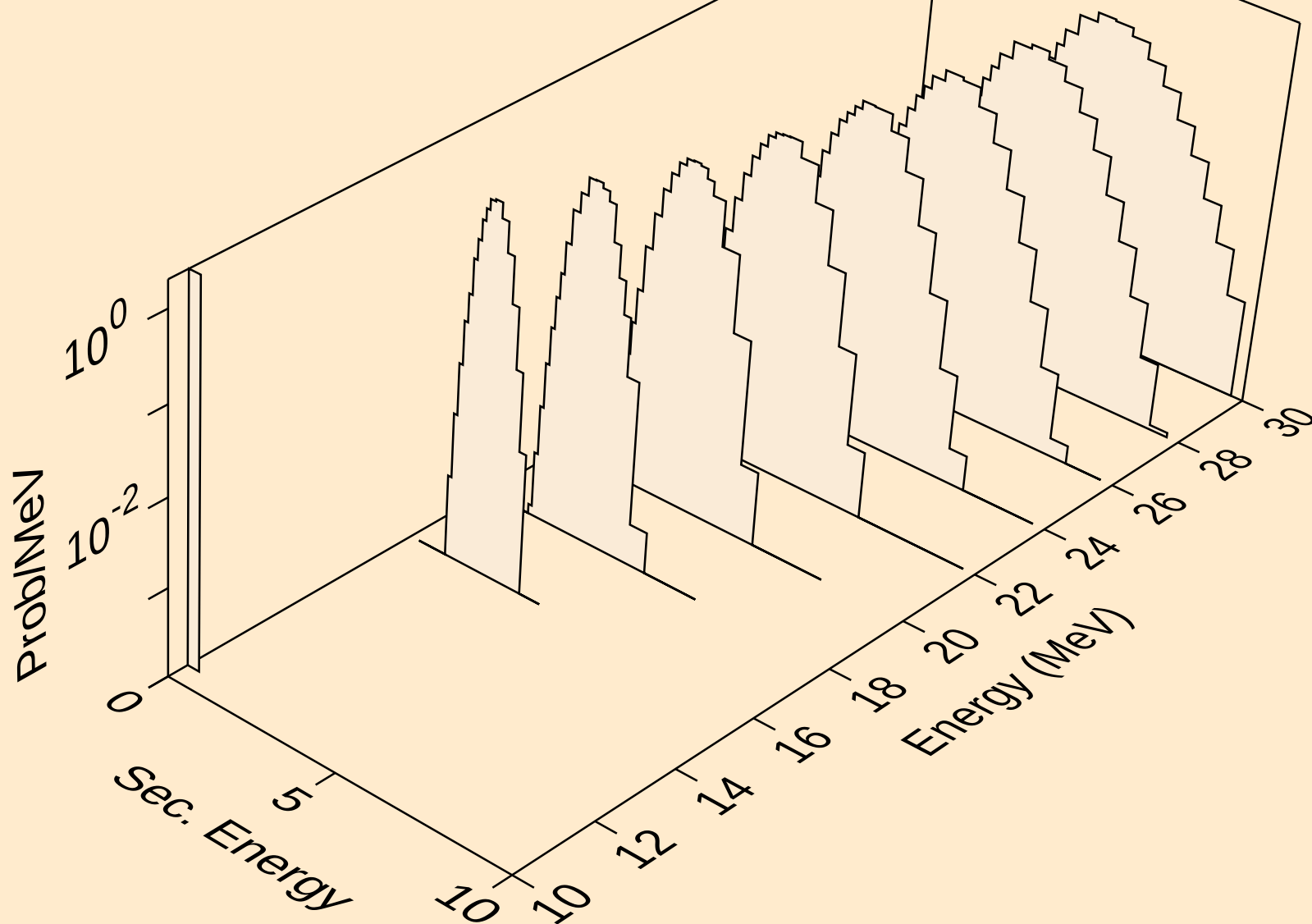
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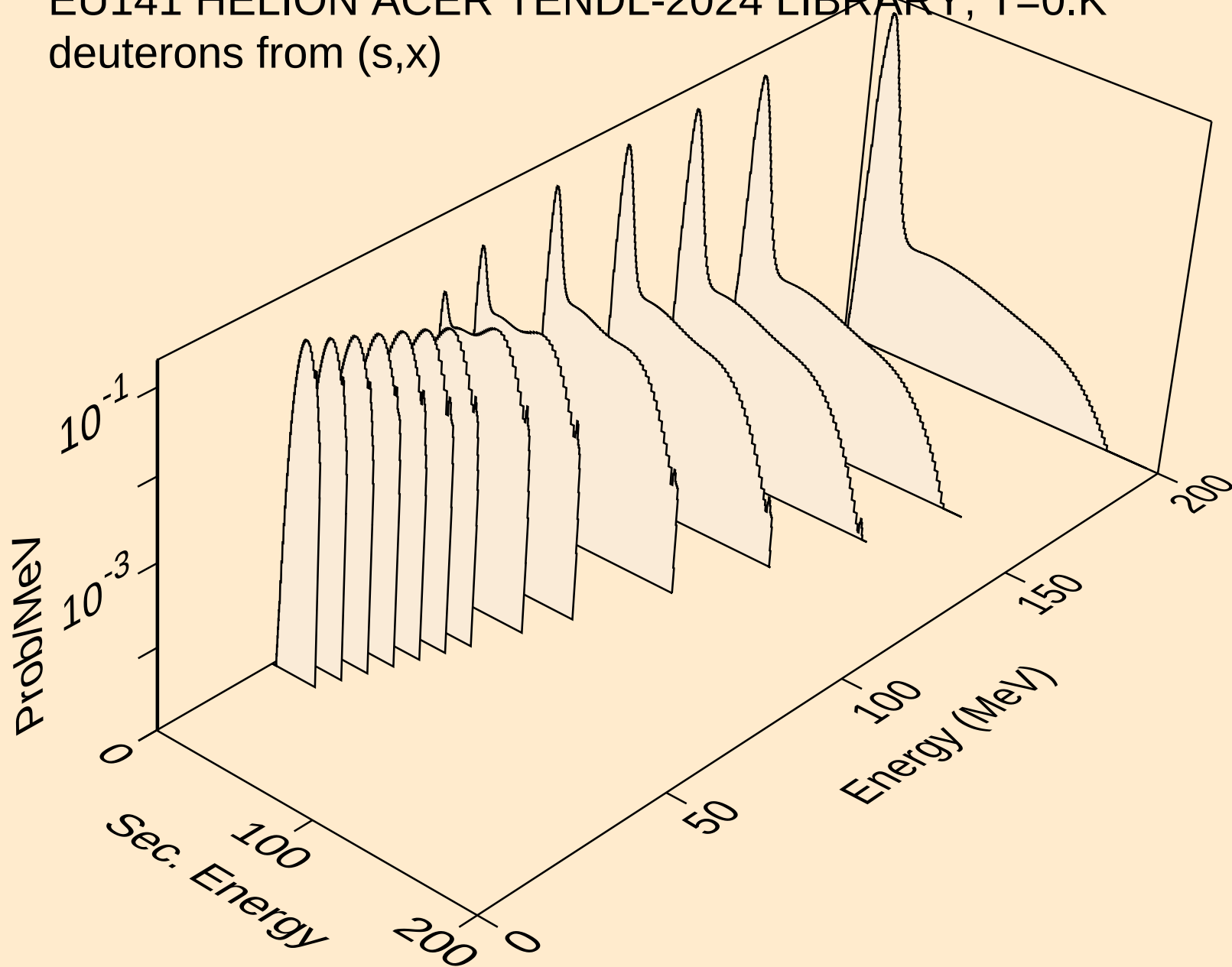
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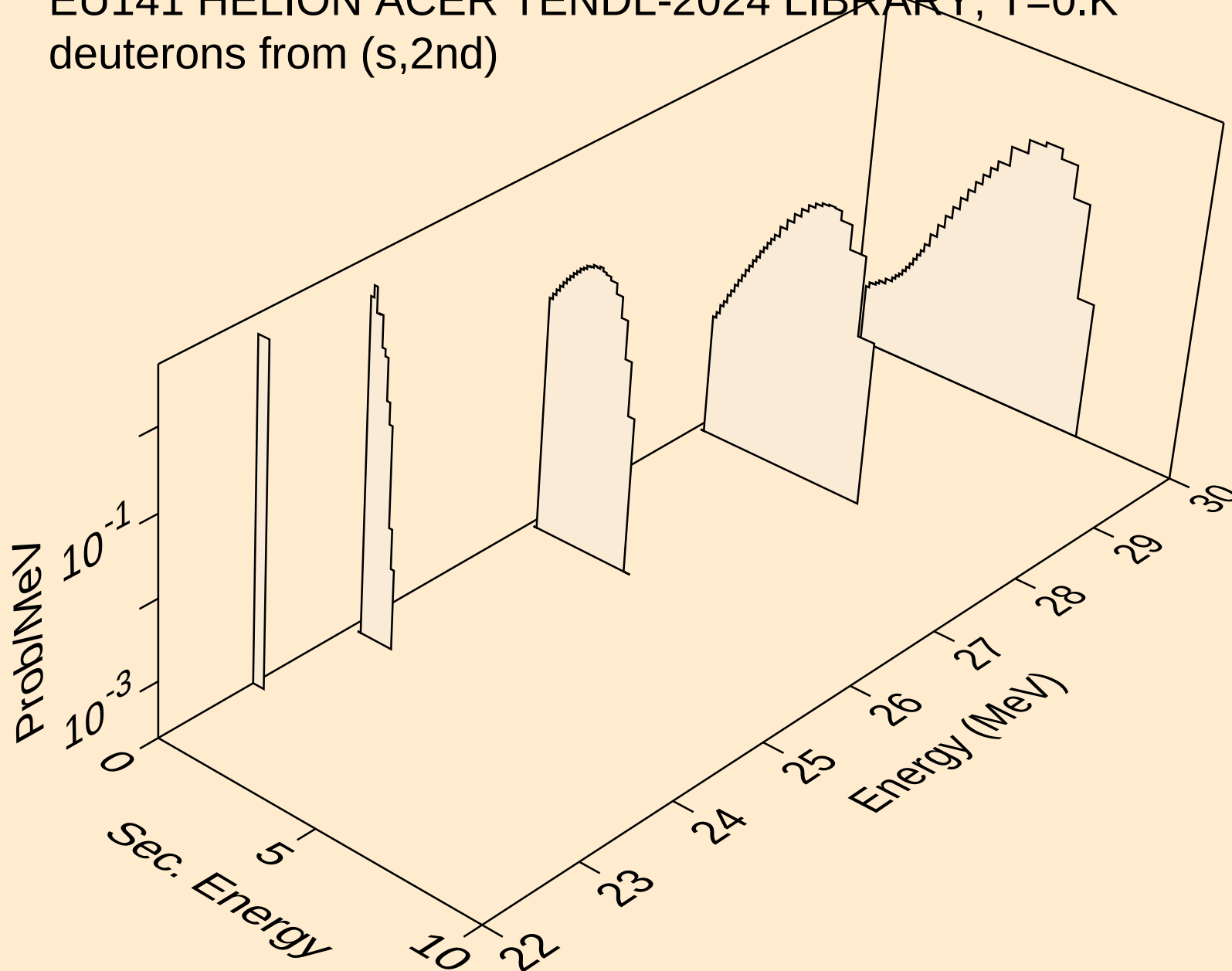
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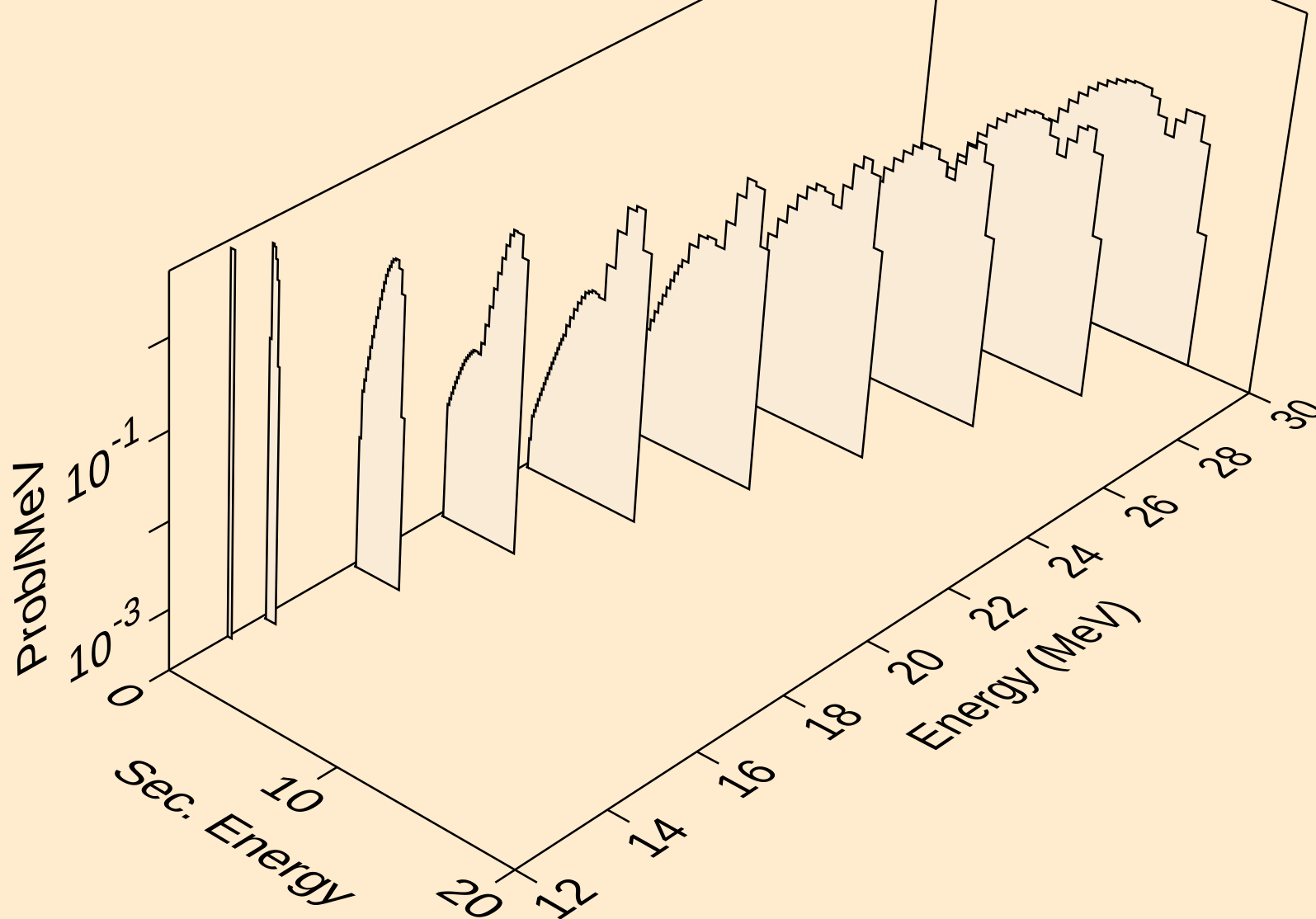
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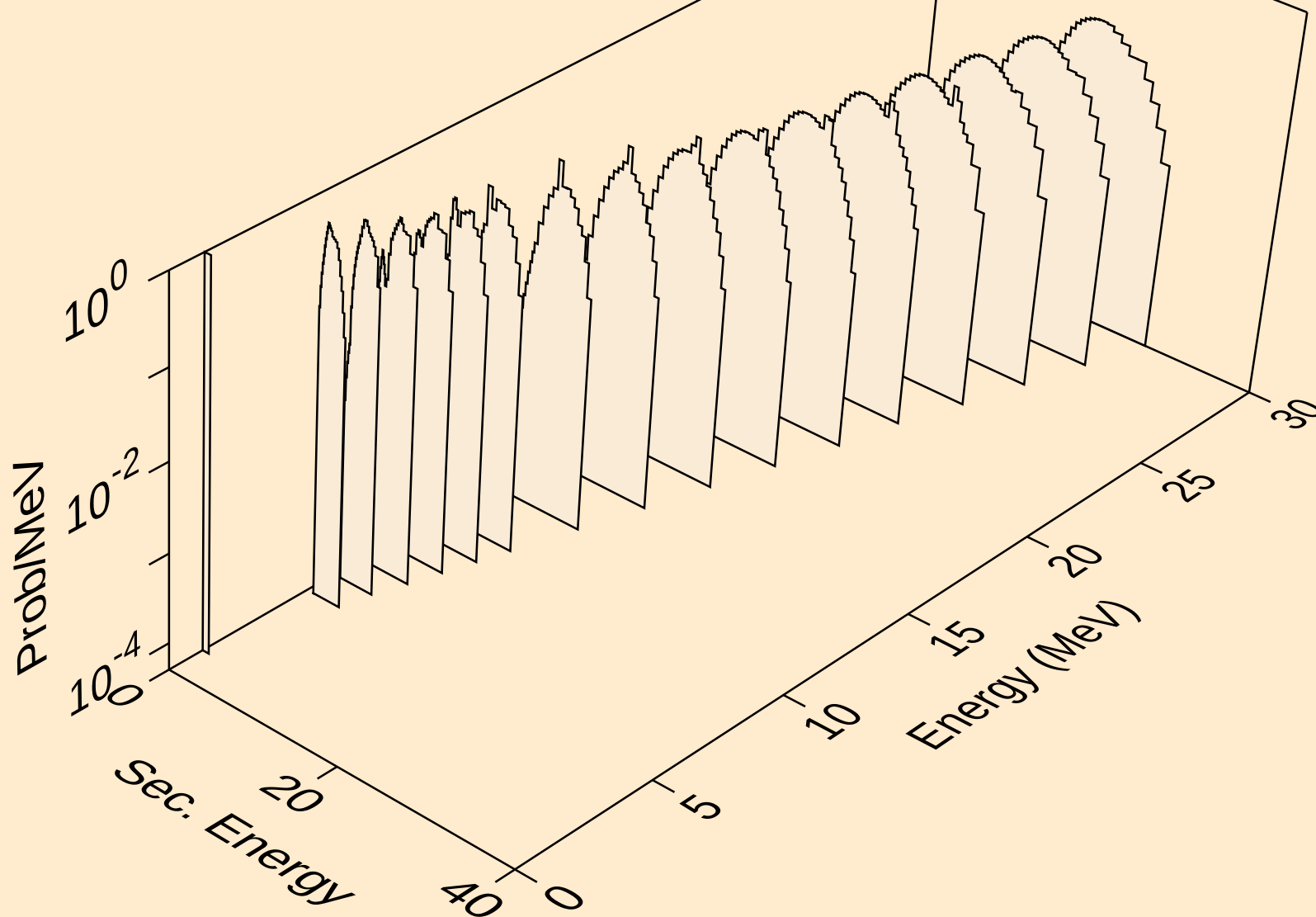
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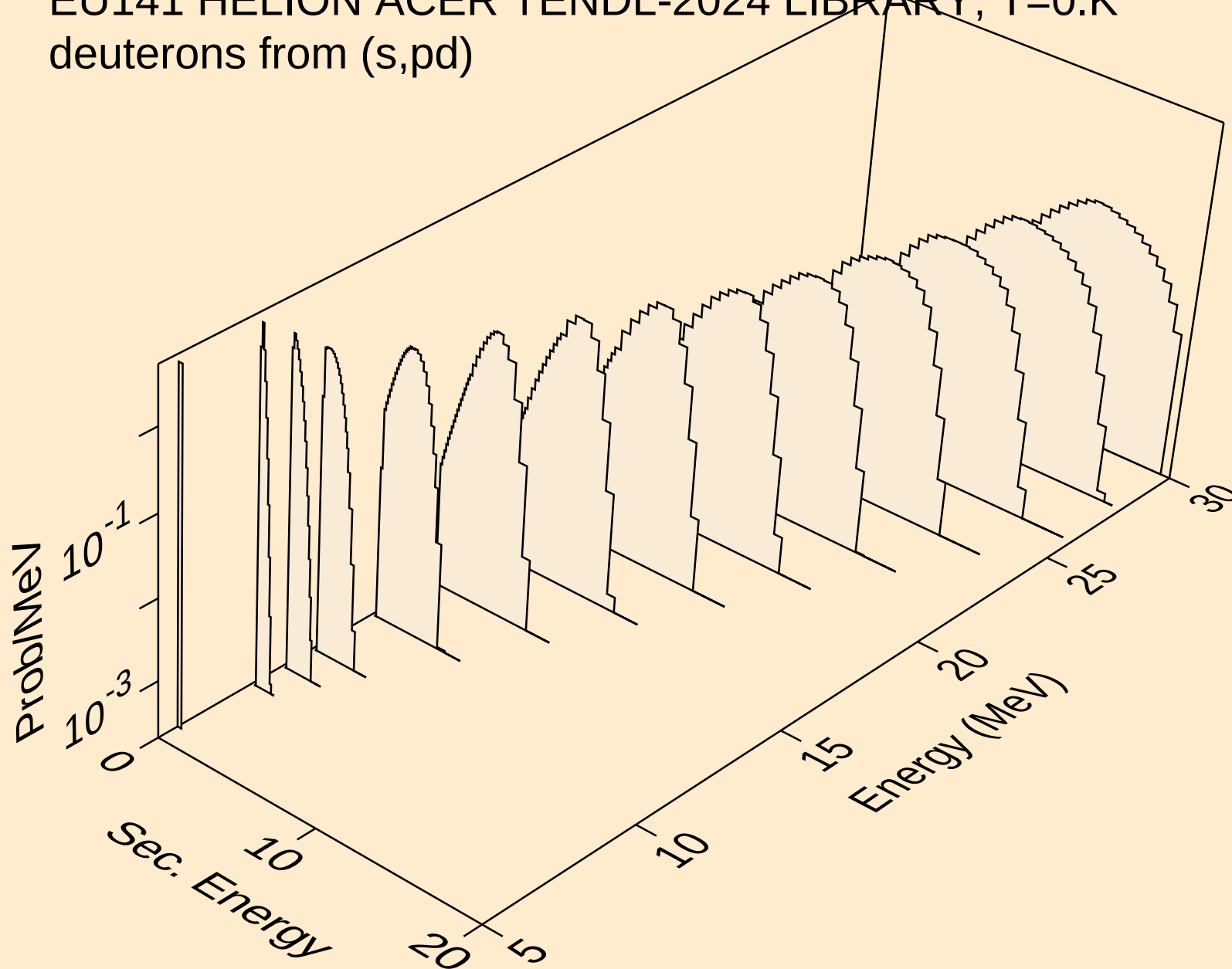
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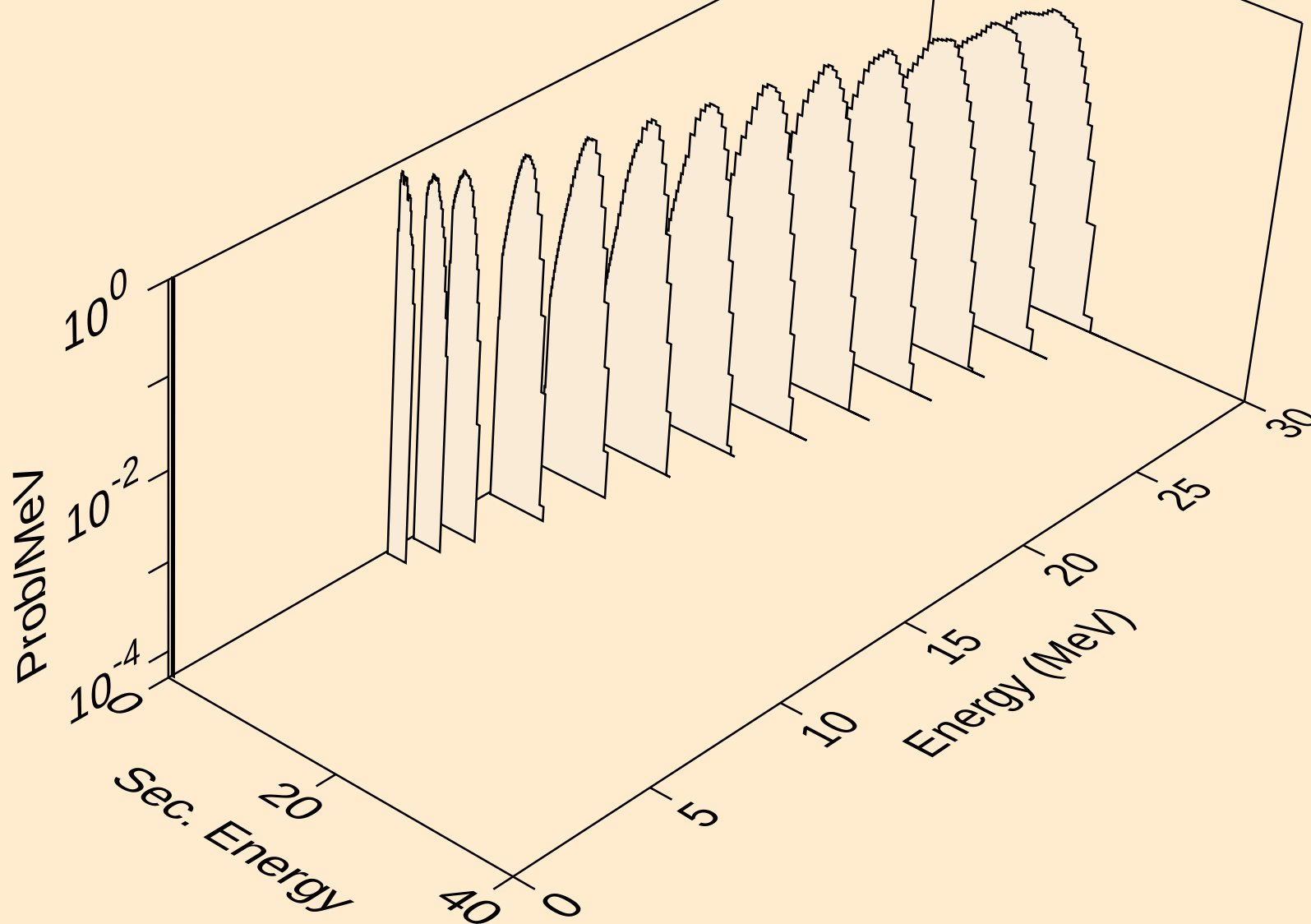
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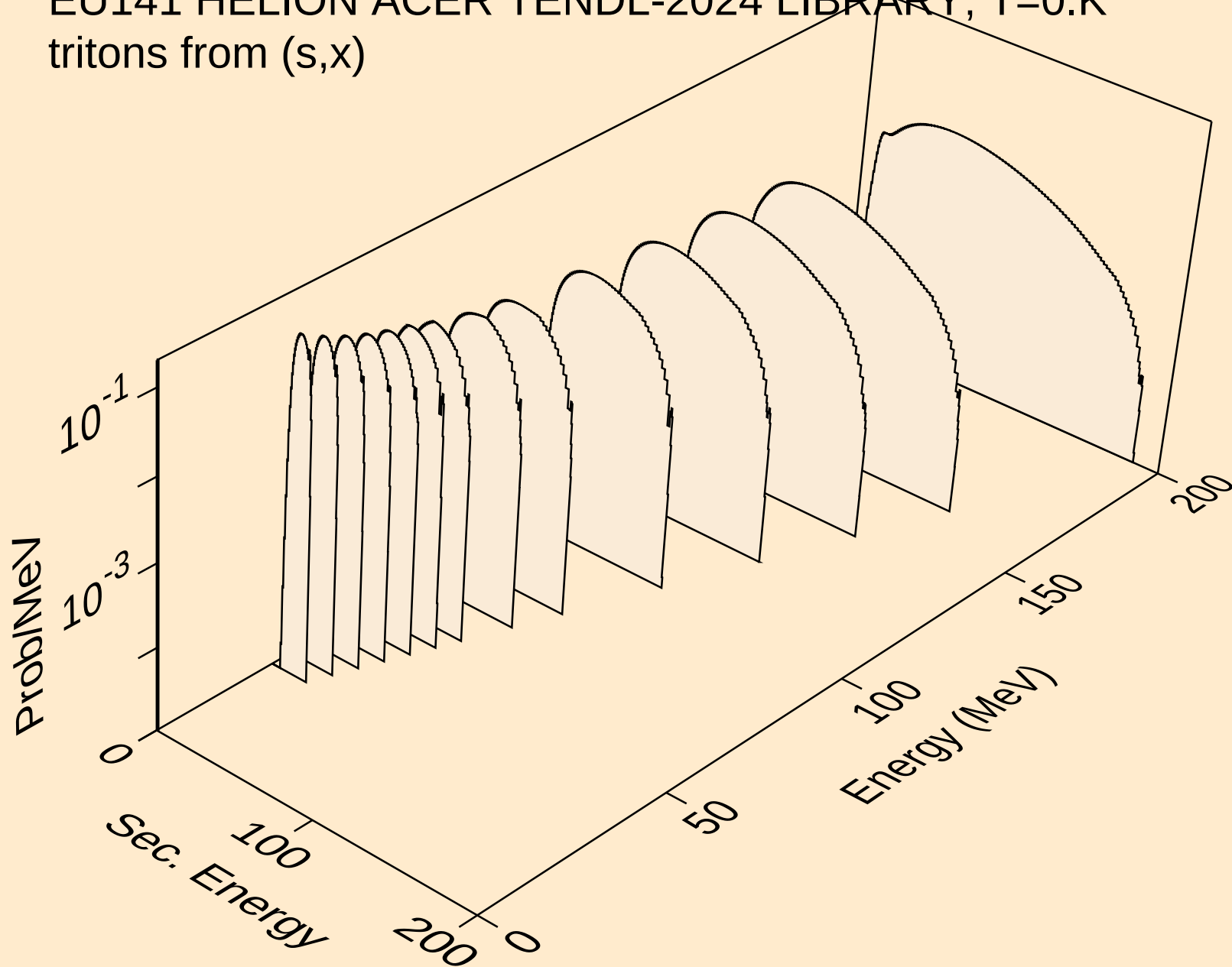
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EU141 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,da)

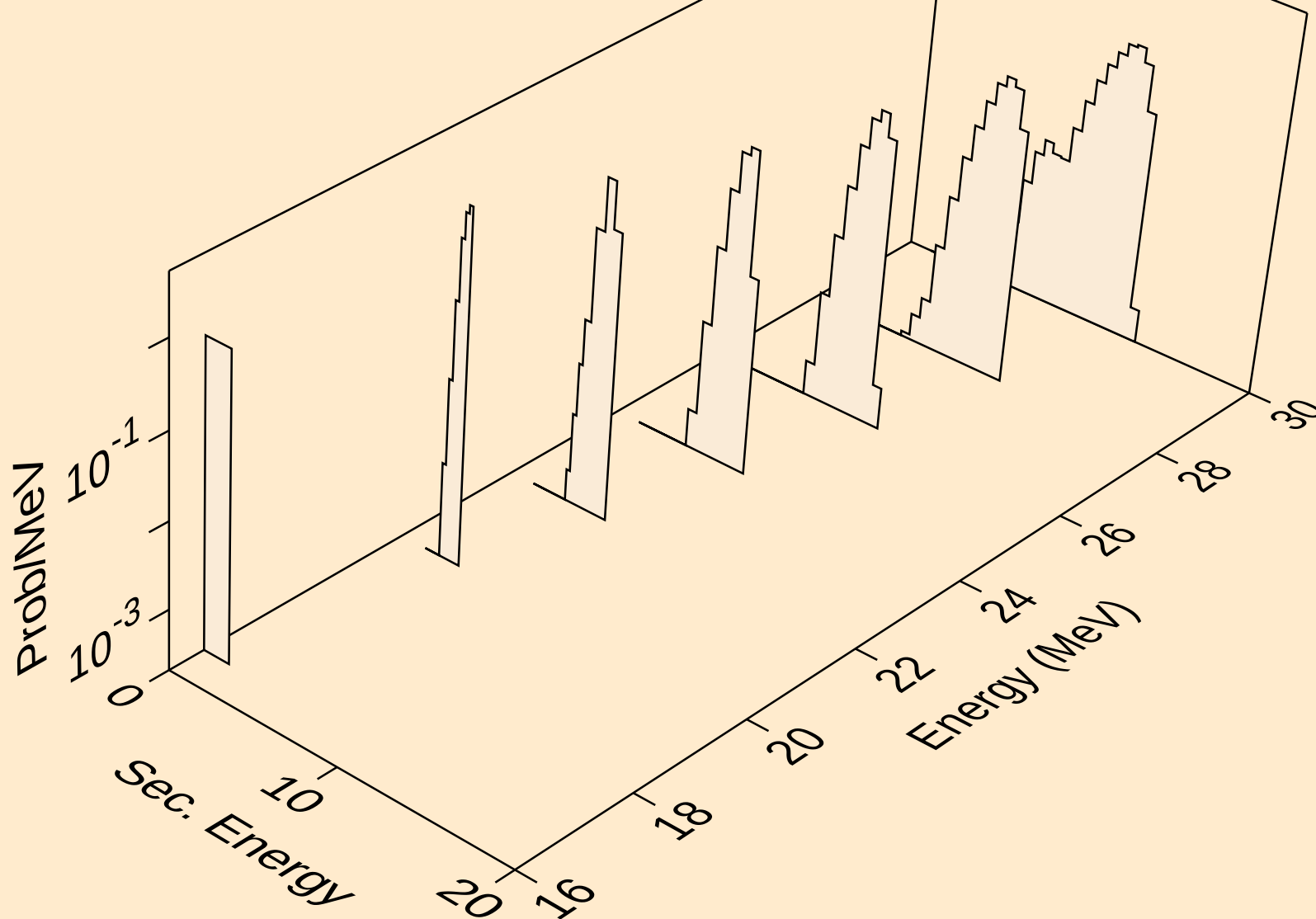


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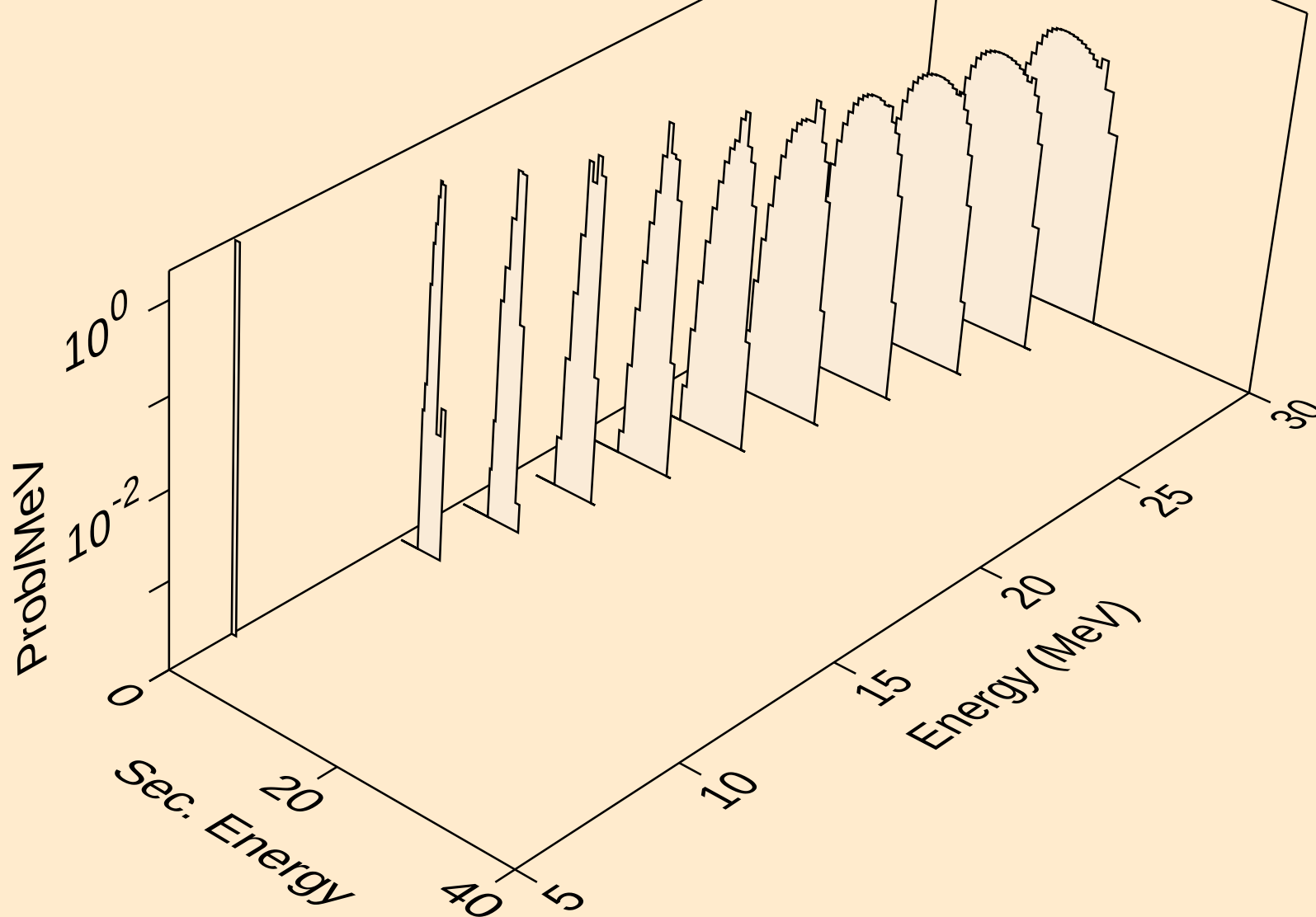


EU141 HELION ACER TENDL-2024 LIBRARY; T=0.K

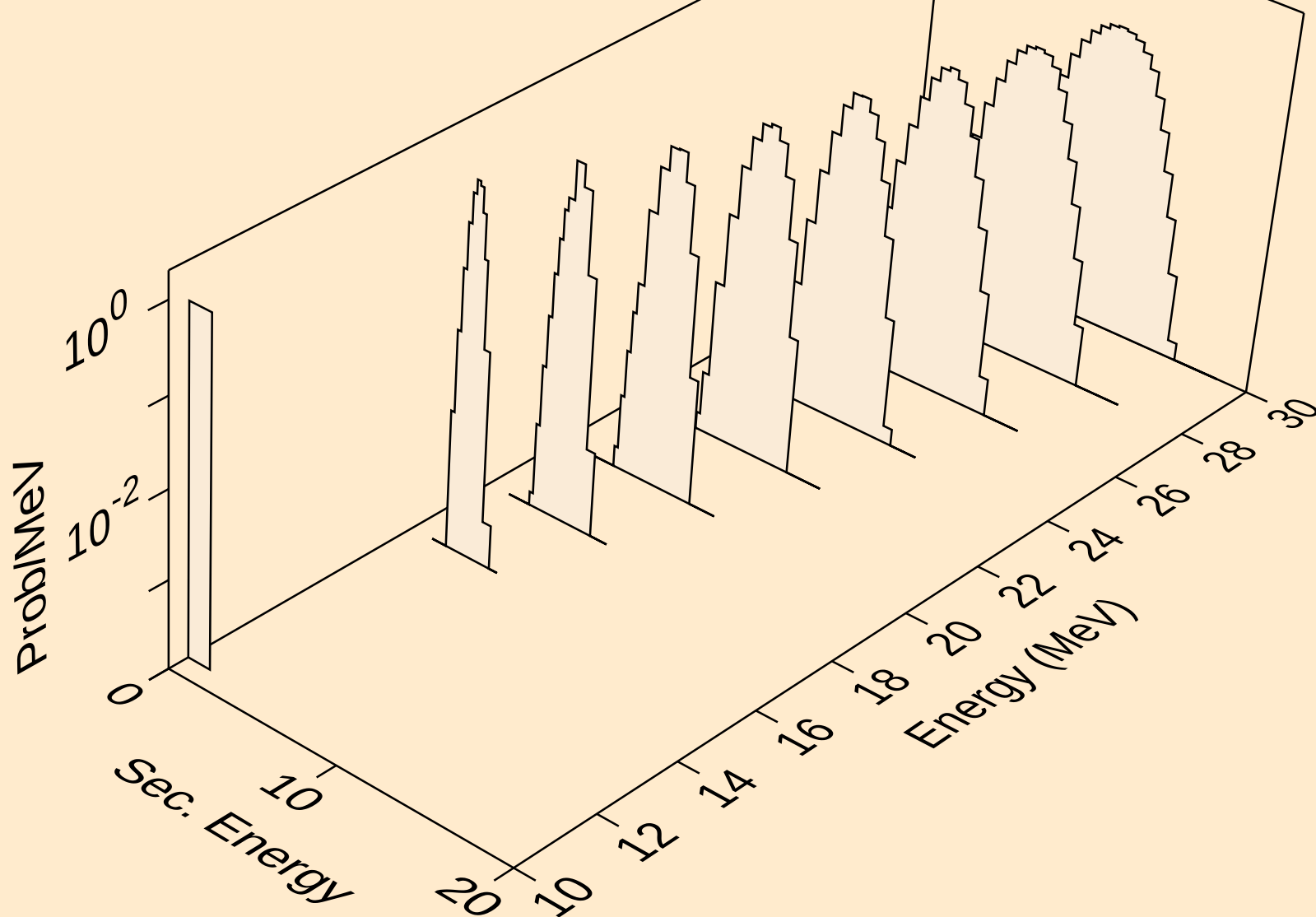
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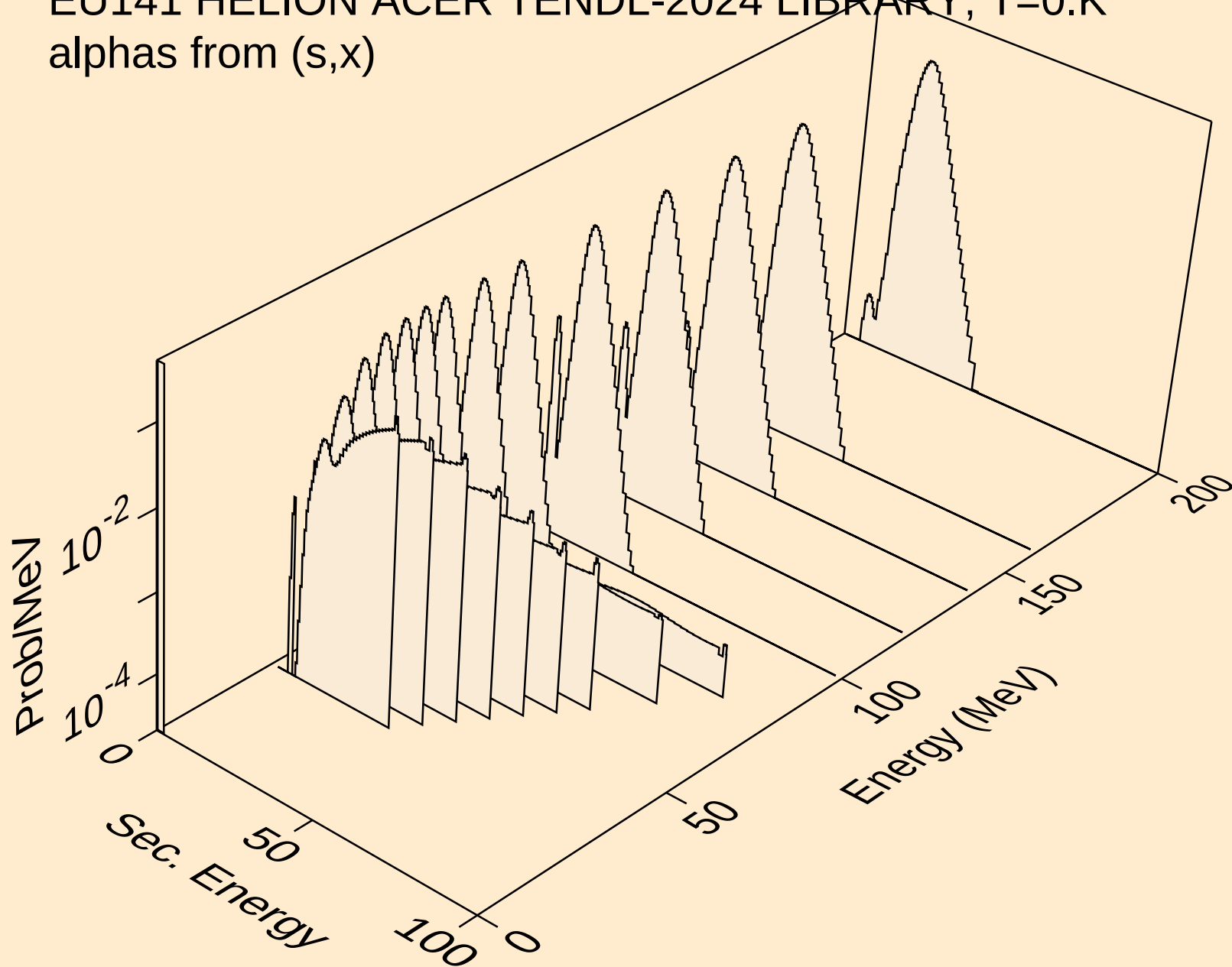
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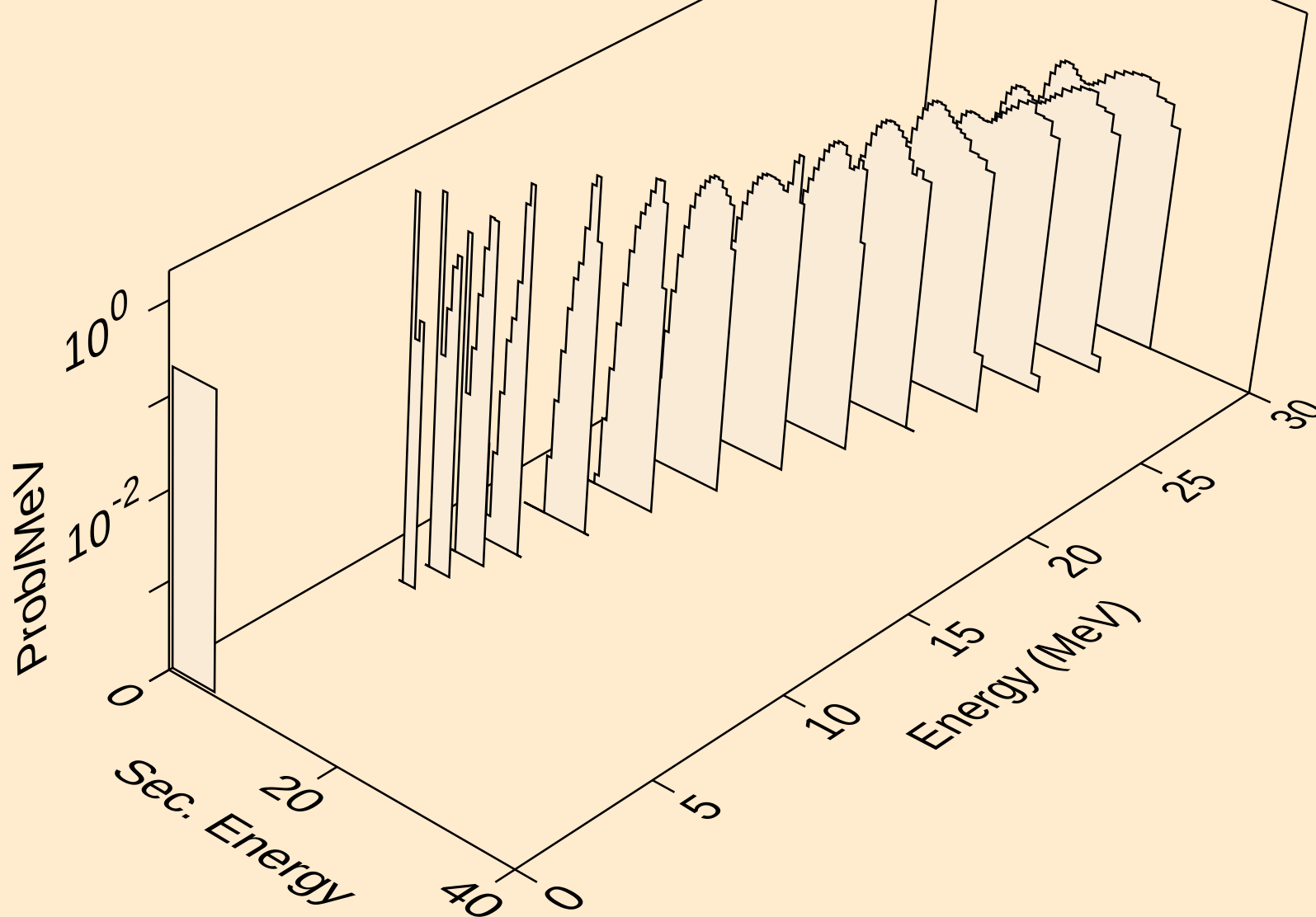
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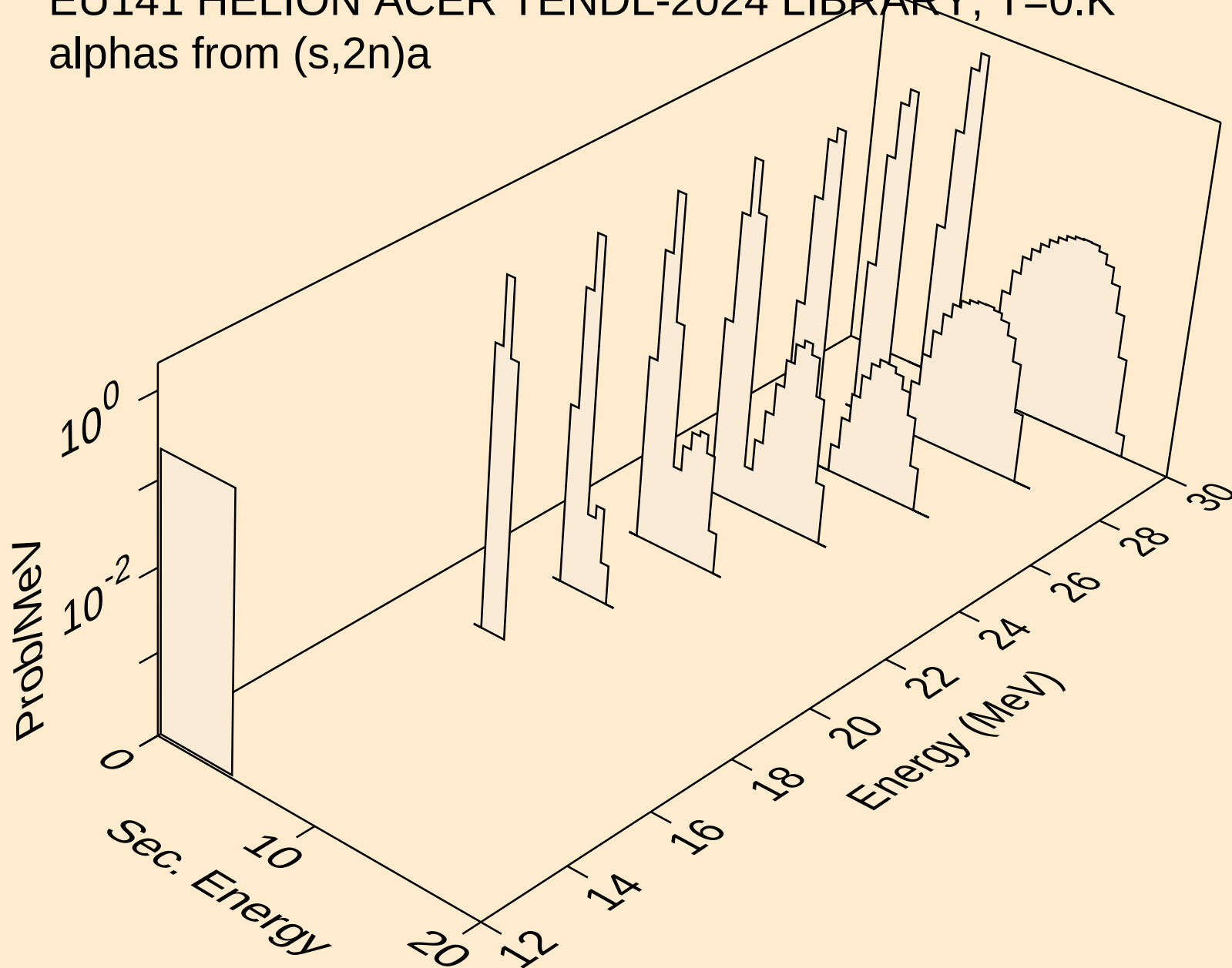
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alphas from (s,x)



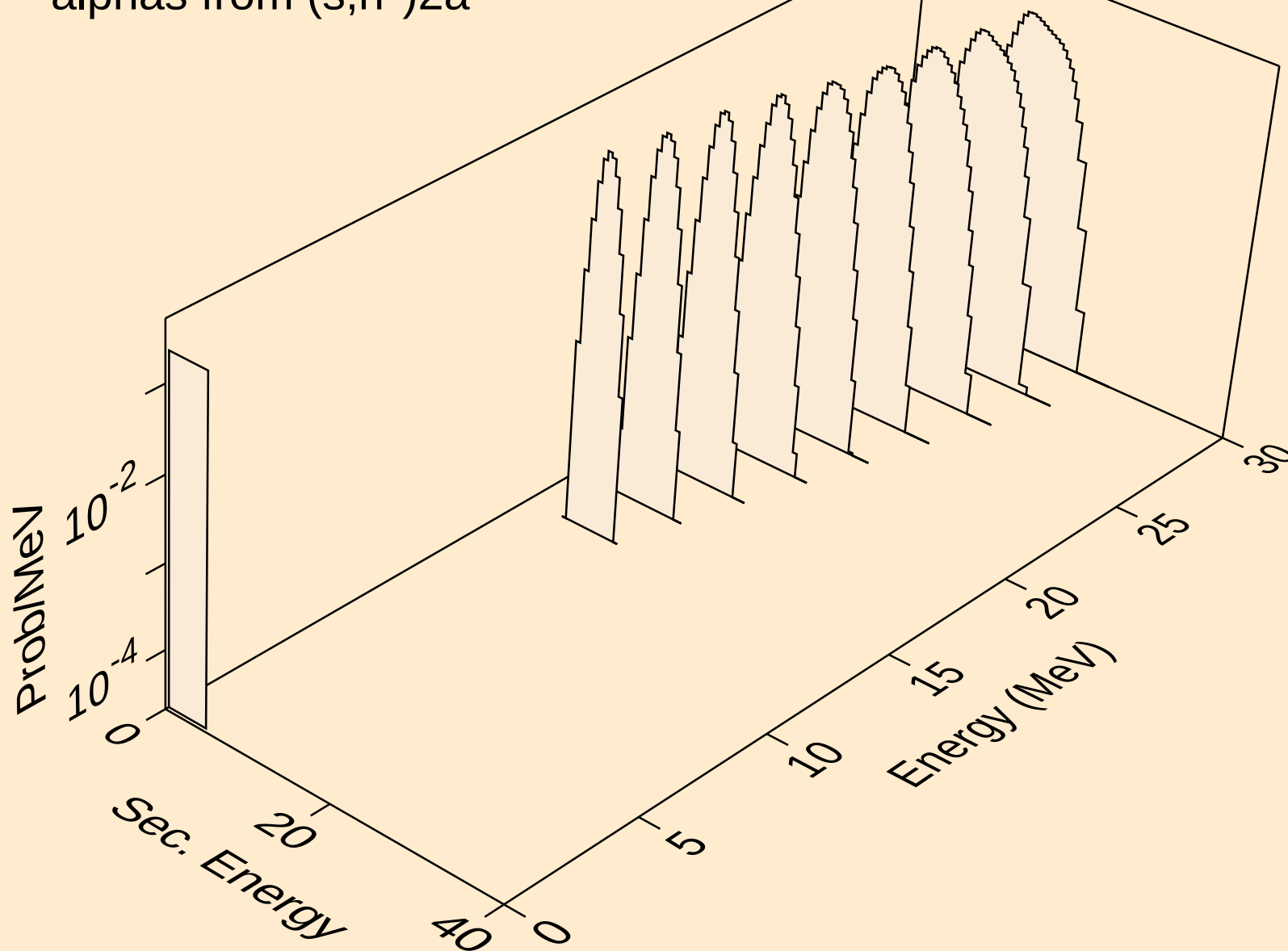
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alphas from (s,n\*)a



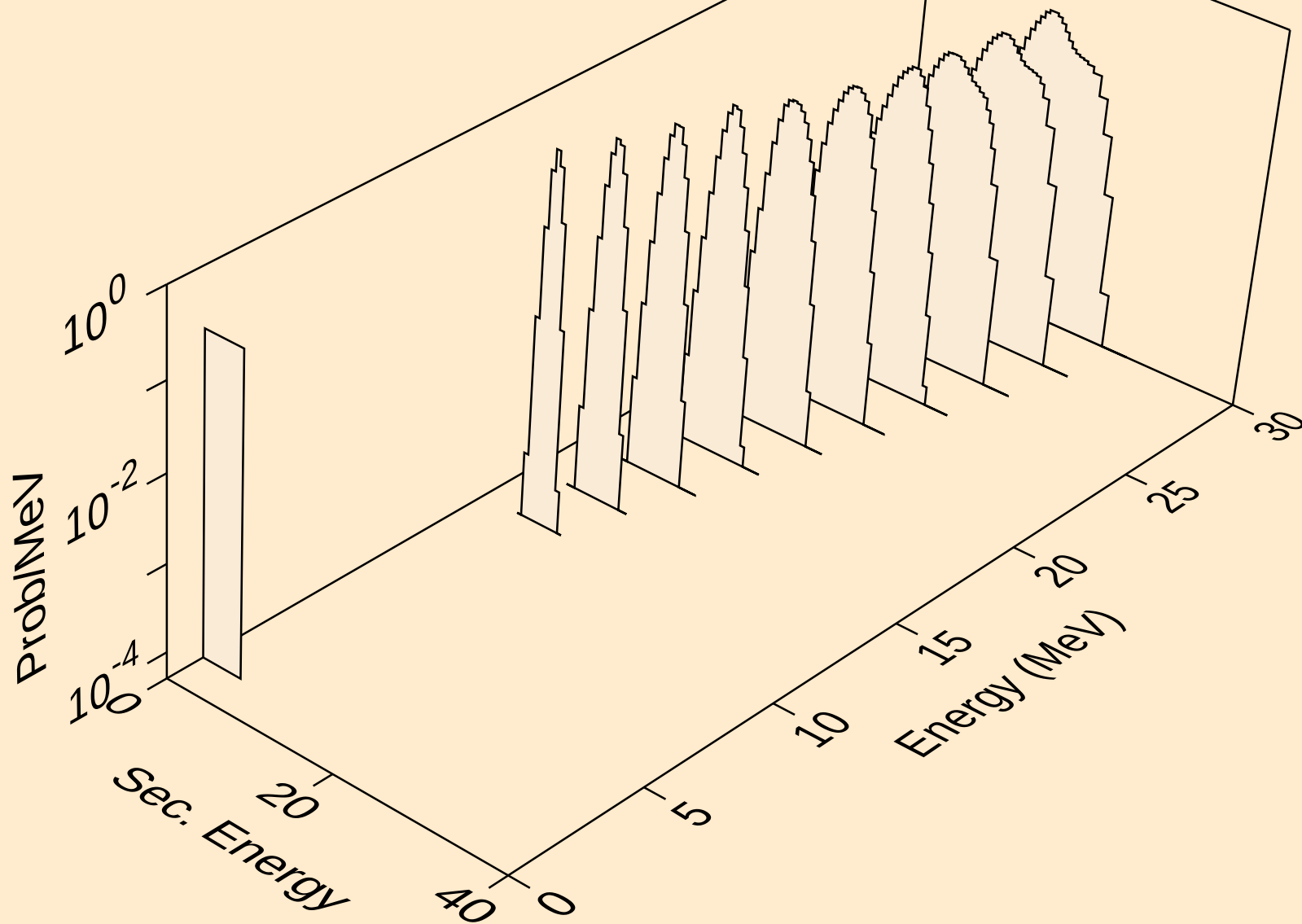
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alphas from (s,2n)a



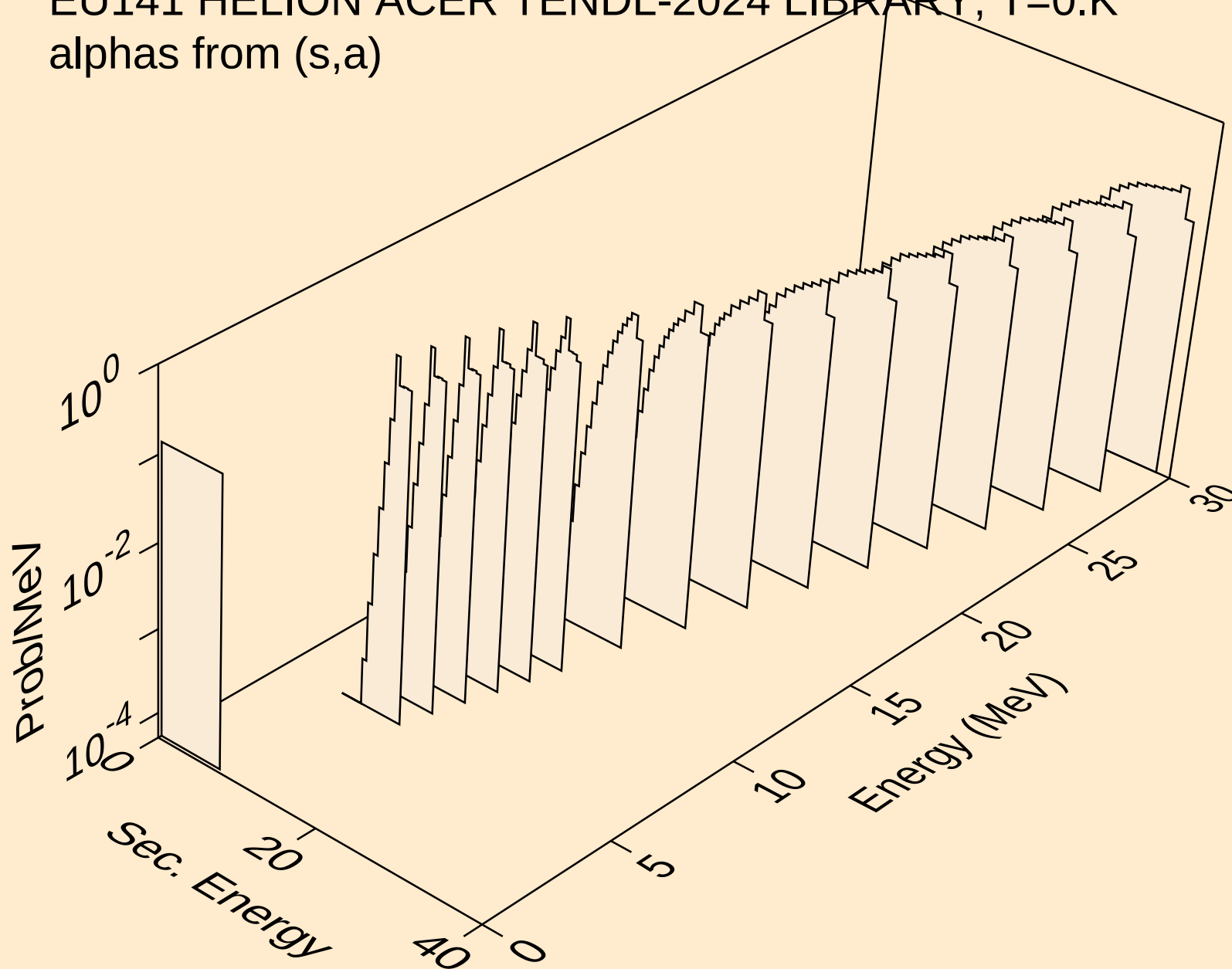
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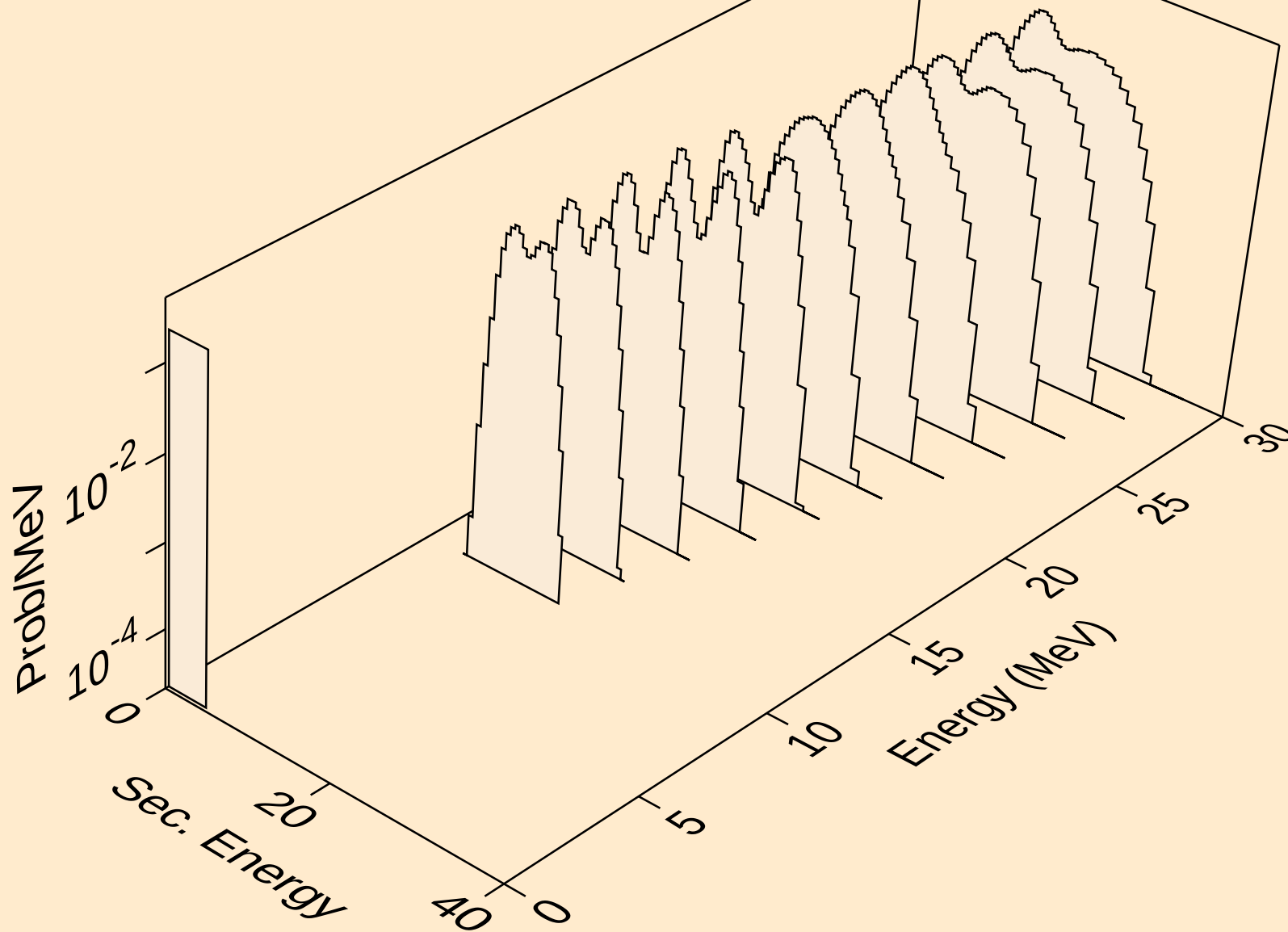
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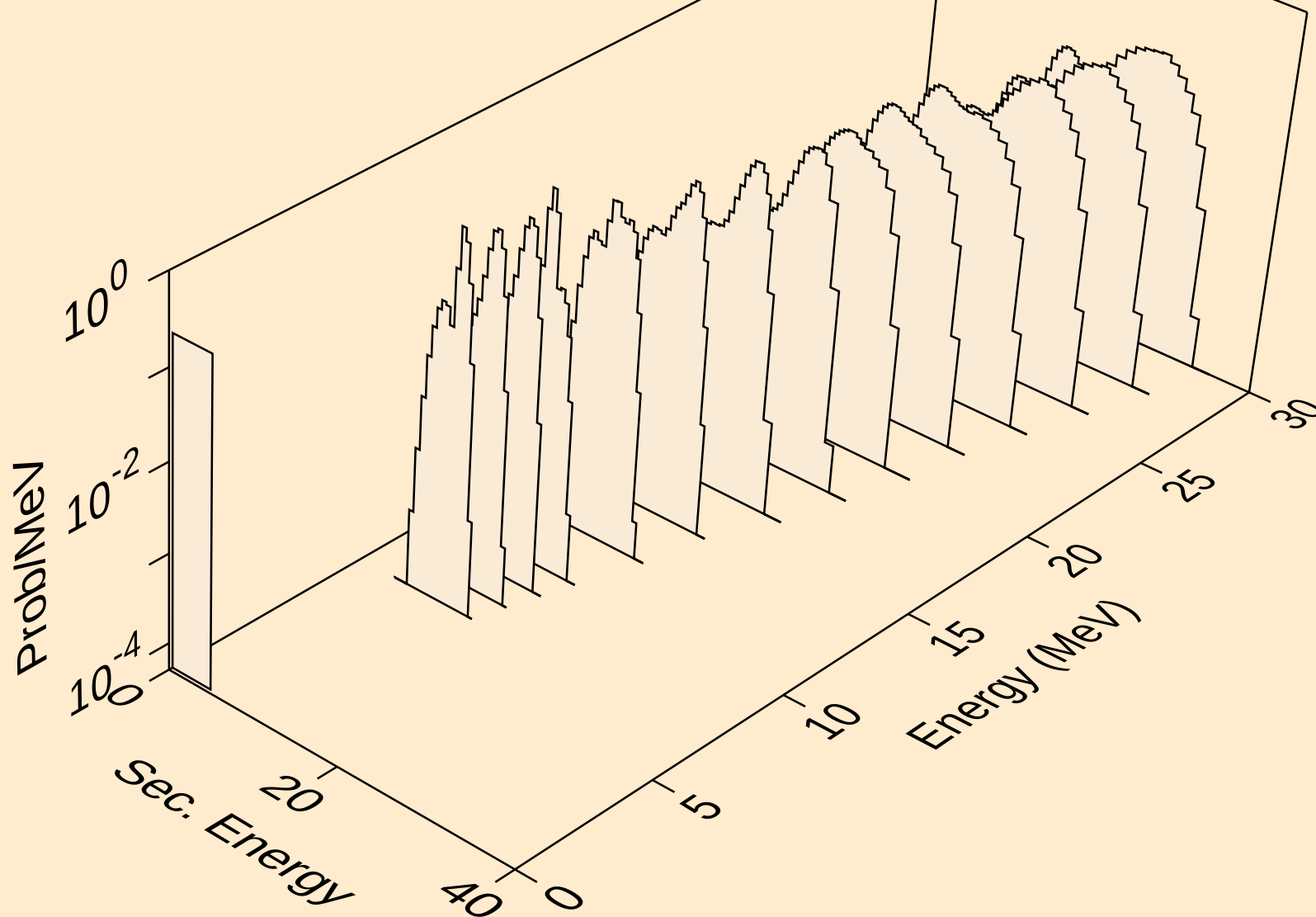
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alphas from (s,a)



EU141 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,2a)



EU141 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,pa)



EU141 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,da)

