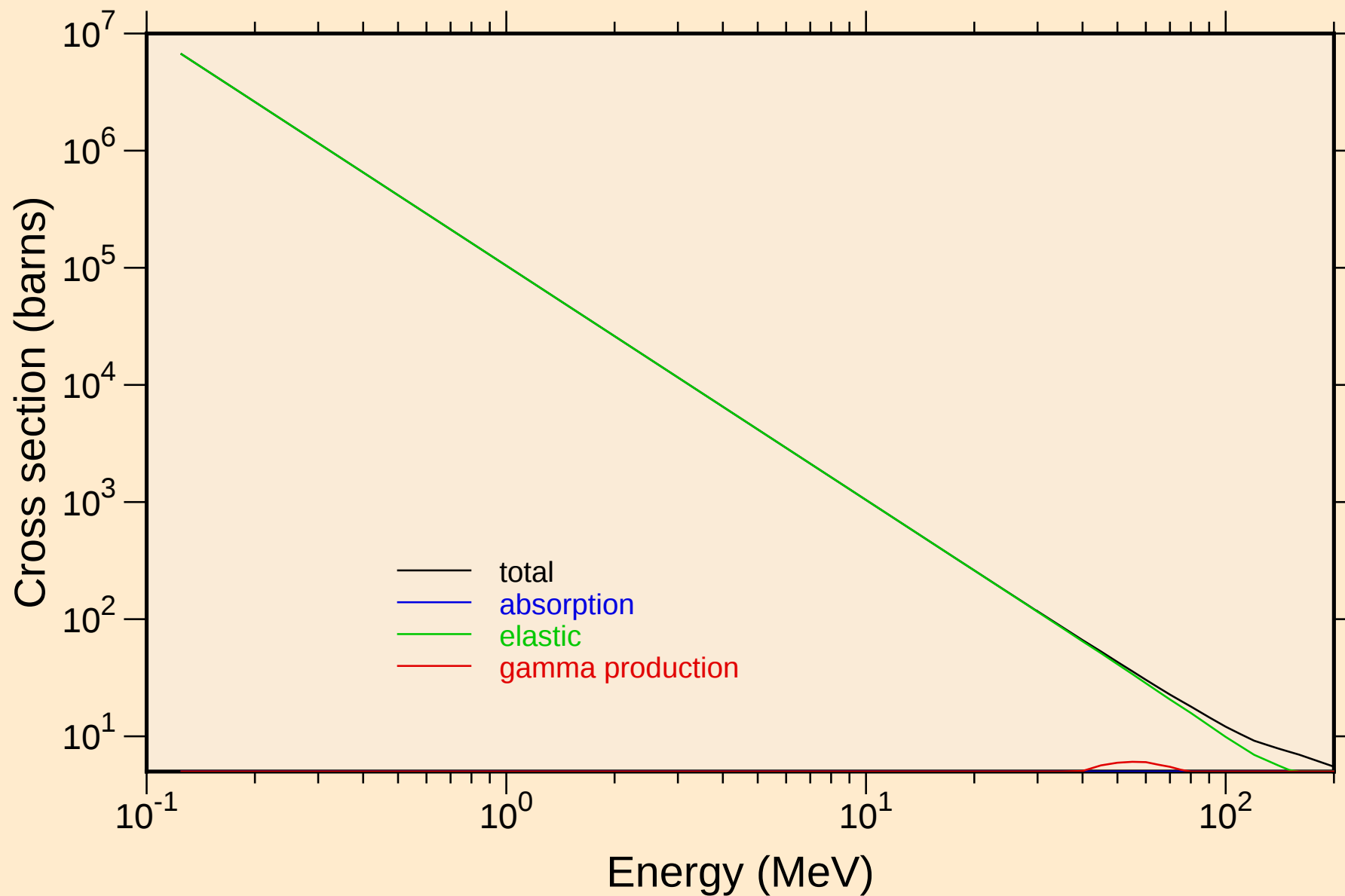


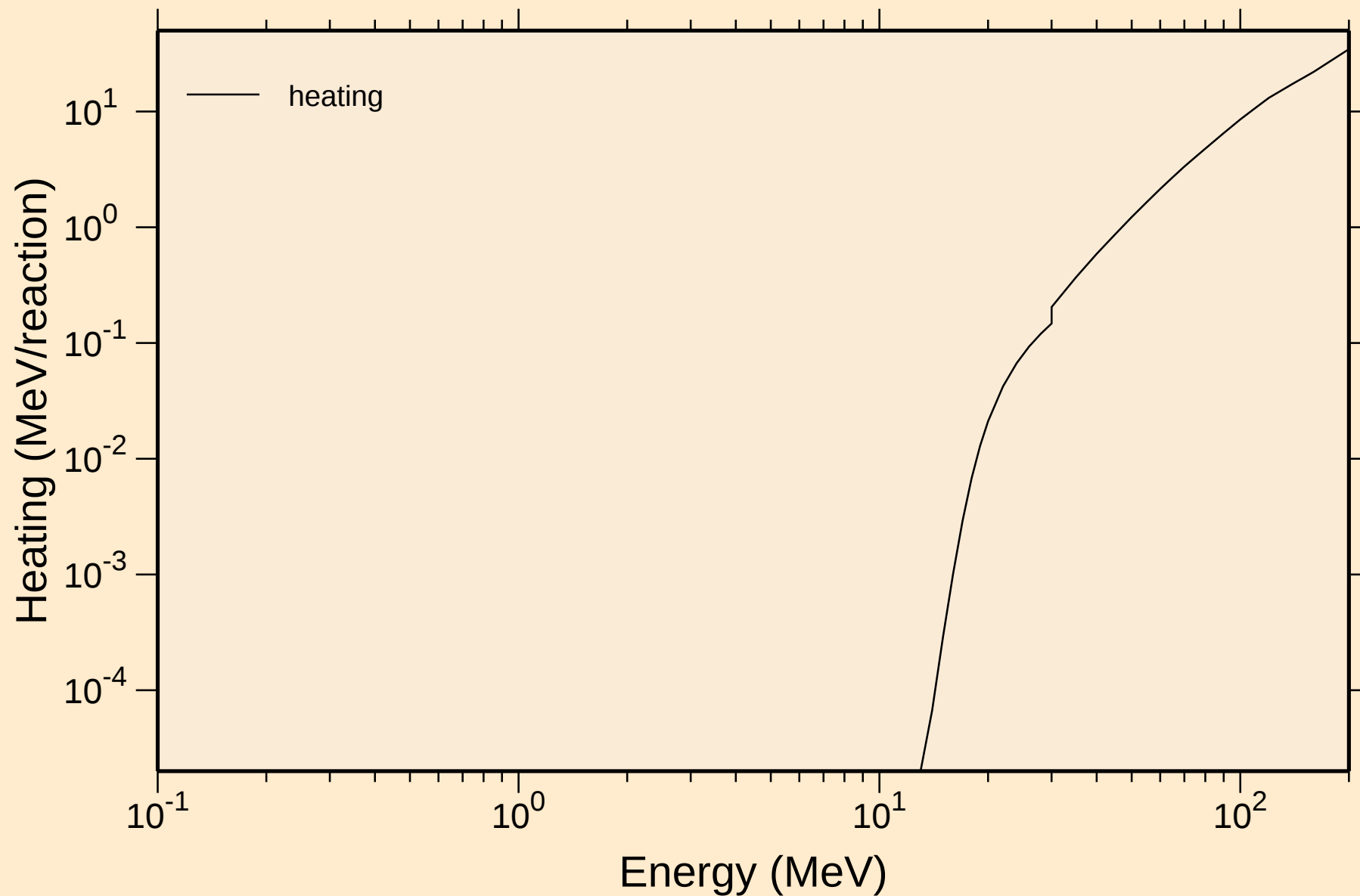
# GD164 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



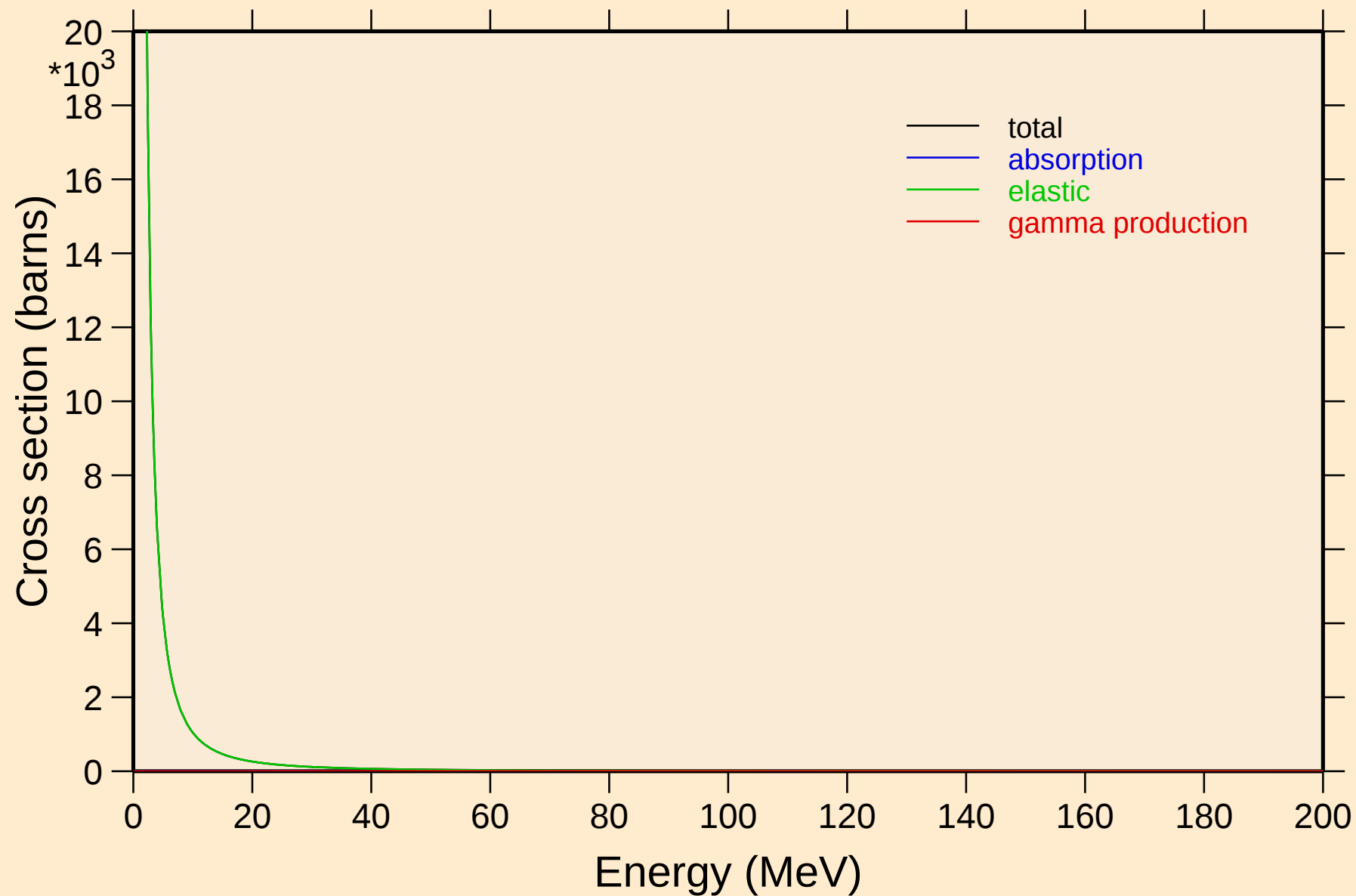
GD164 HELION ACER TENDL-2021 LIBRARY; T=0.K

Heating



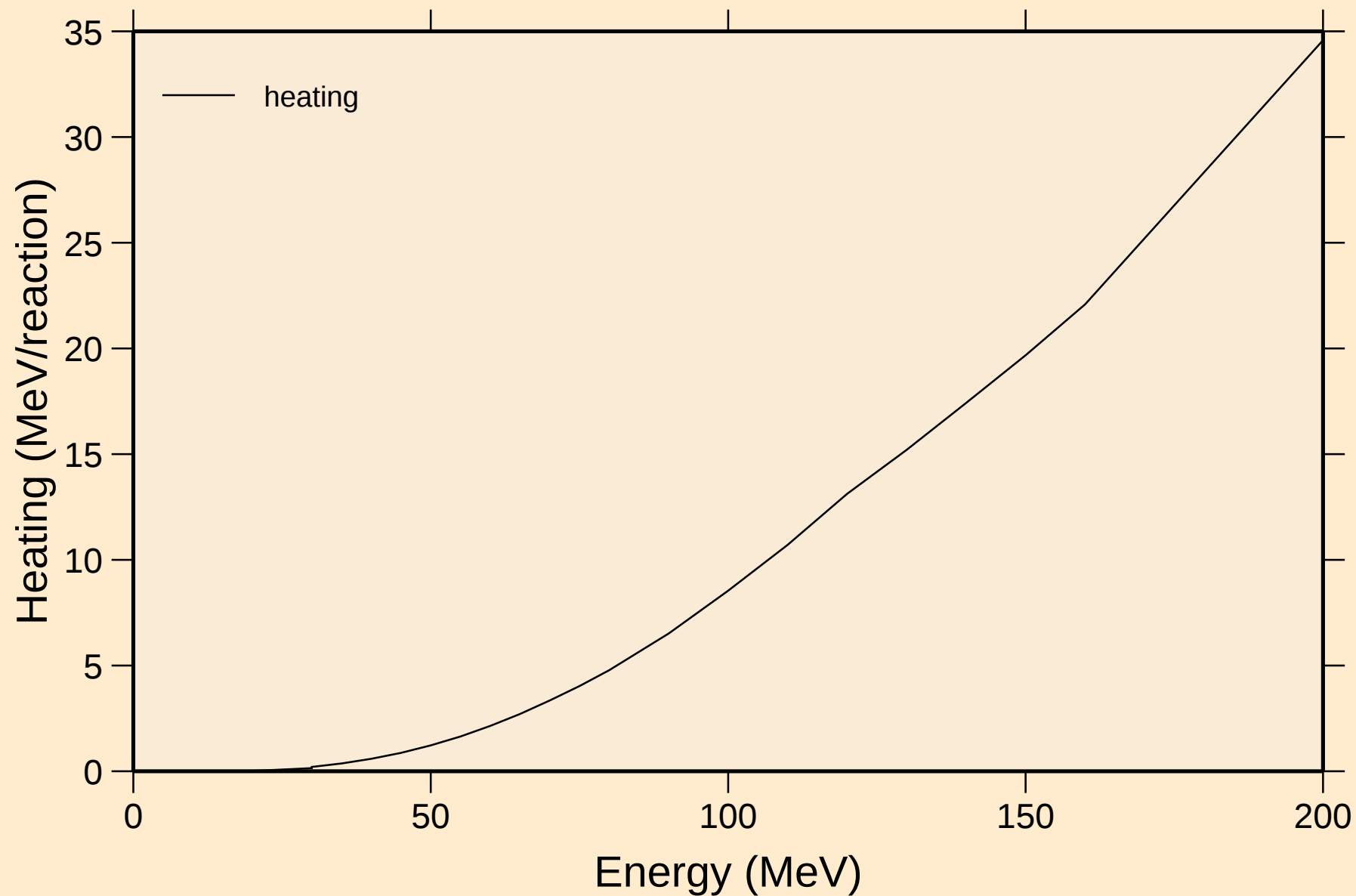
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## Principal cross sections



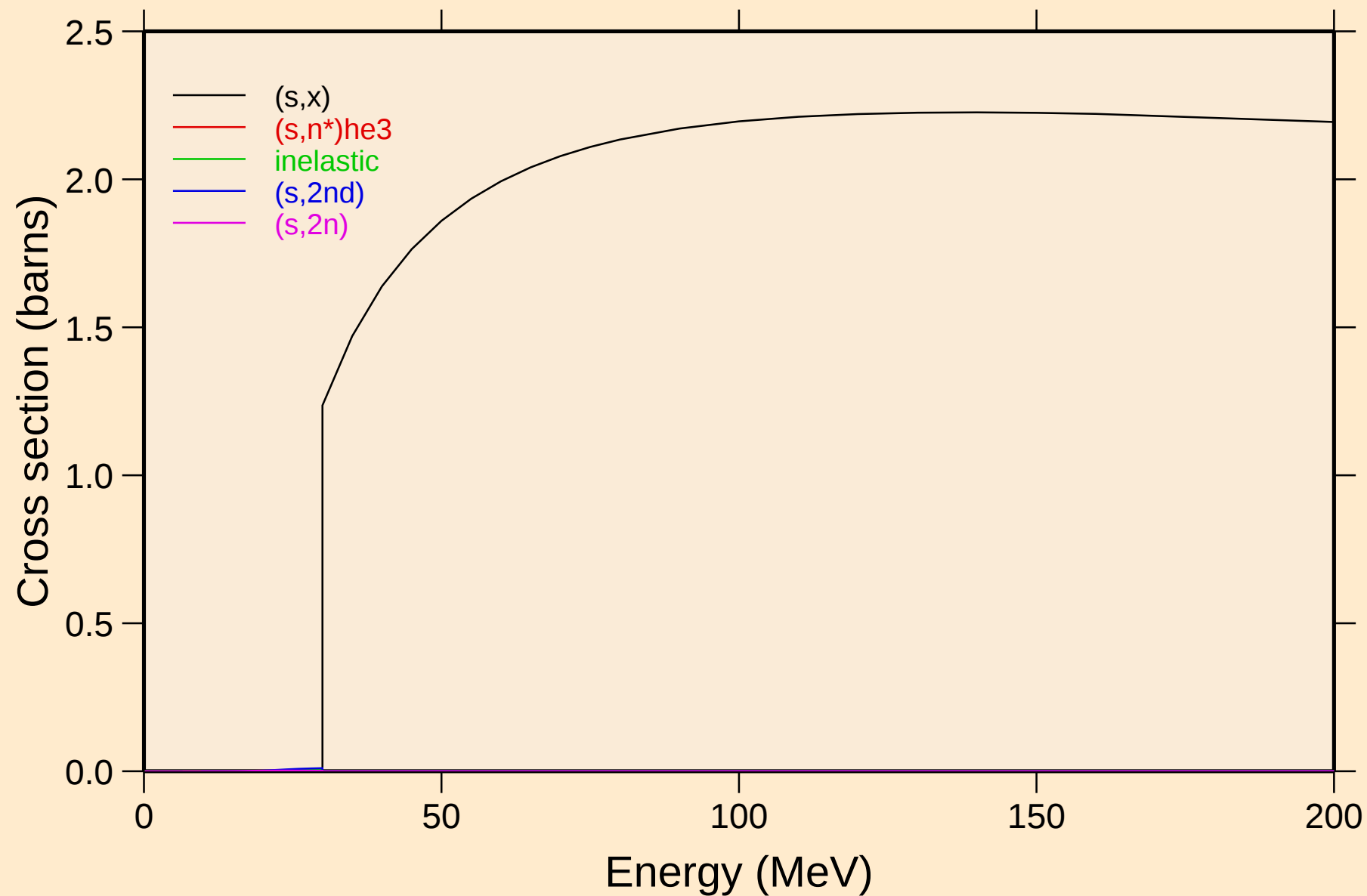
GD164 HELION ACER TENDL-2021 LIBRARY; T=0.K

Heating



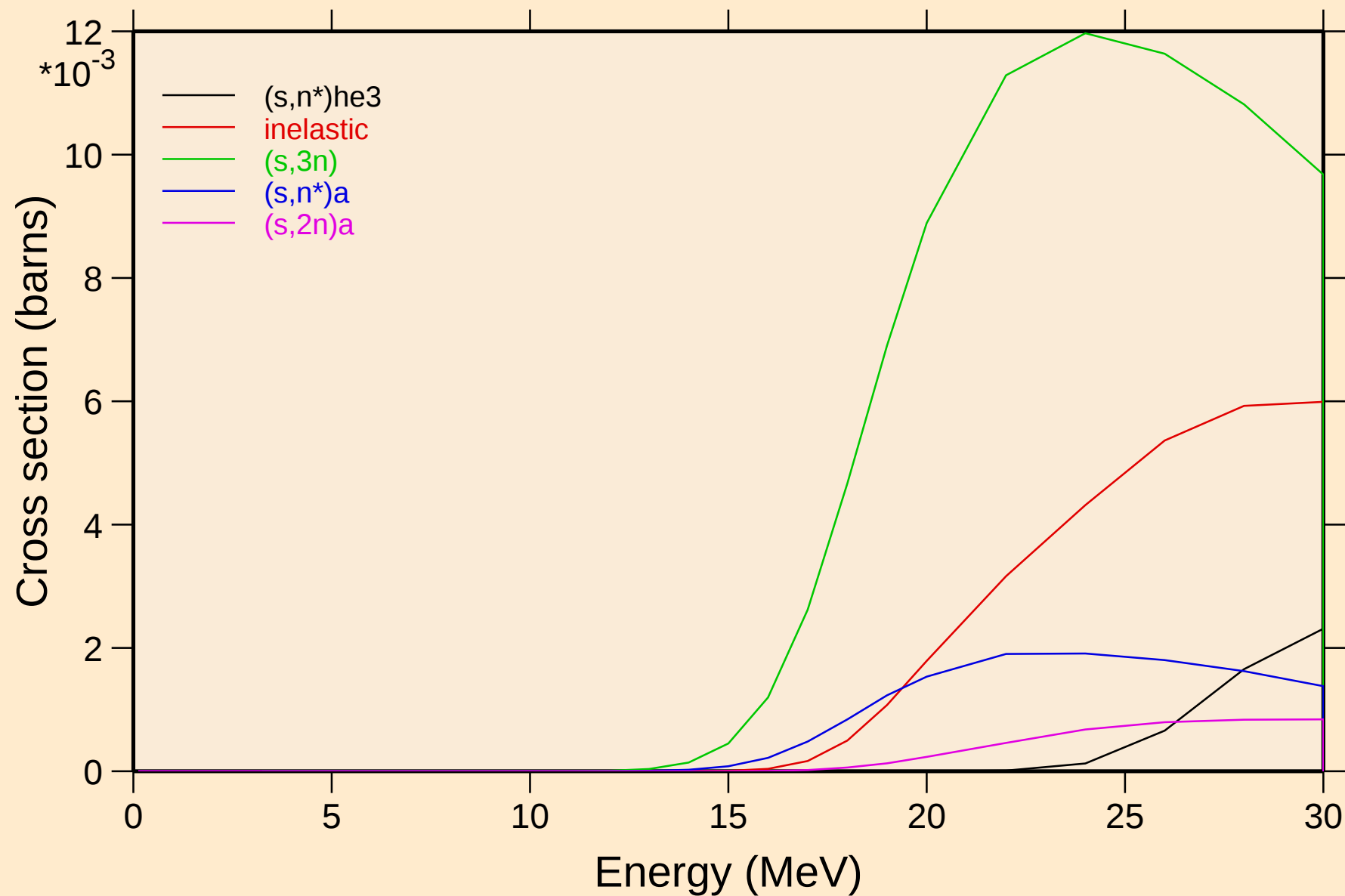
# GD164 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions



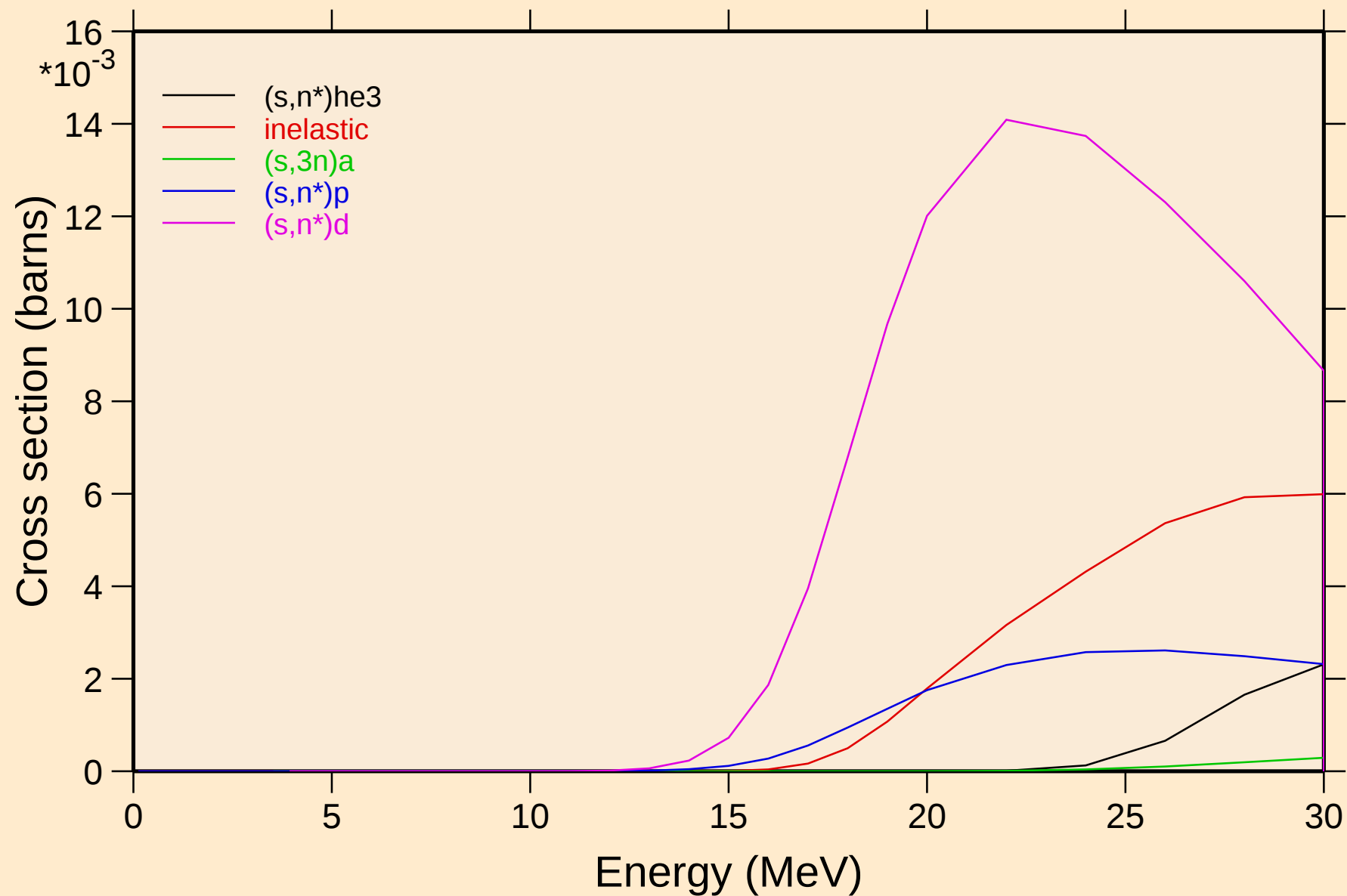
# GD164 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions

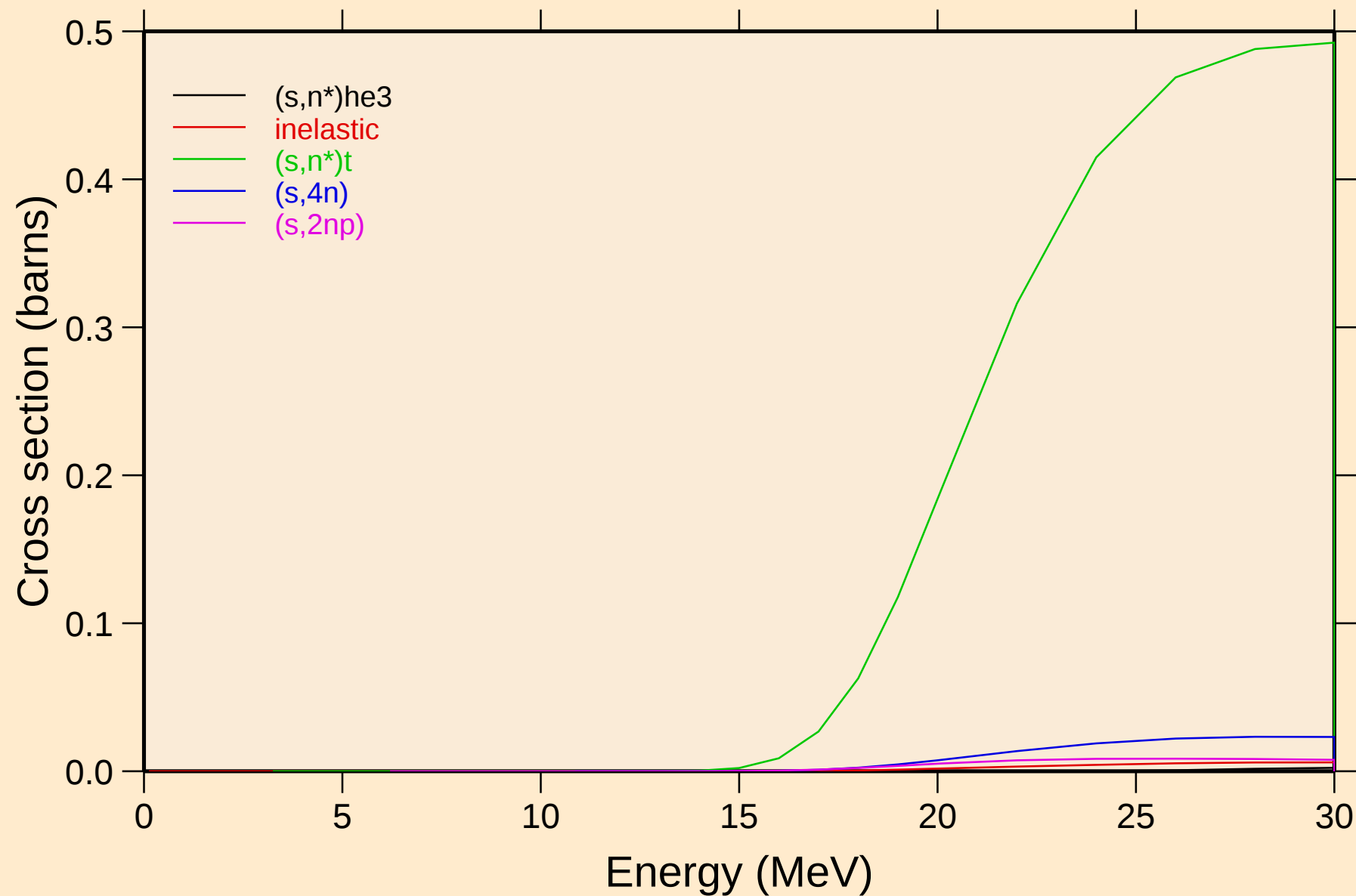


# GD164 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions

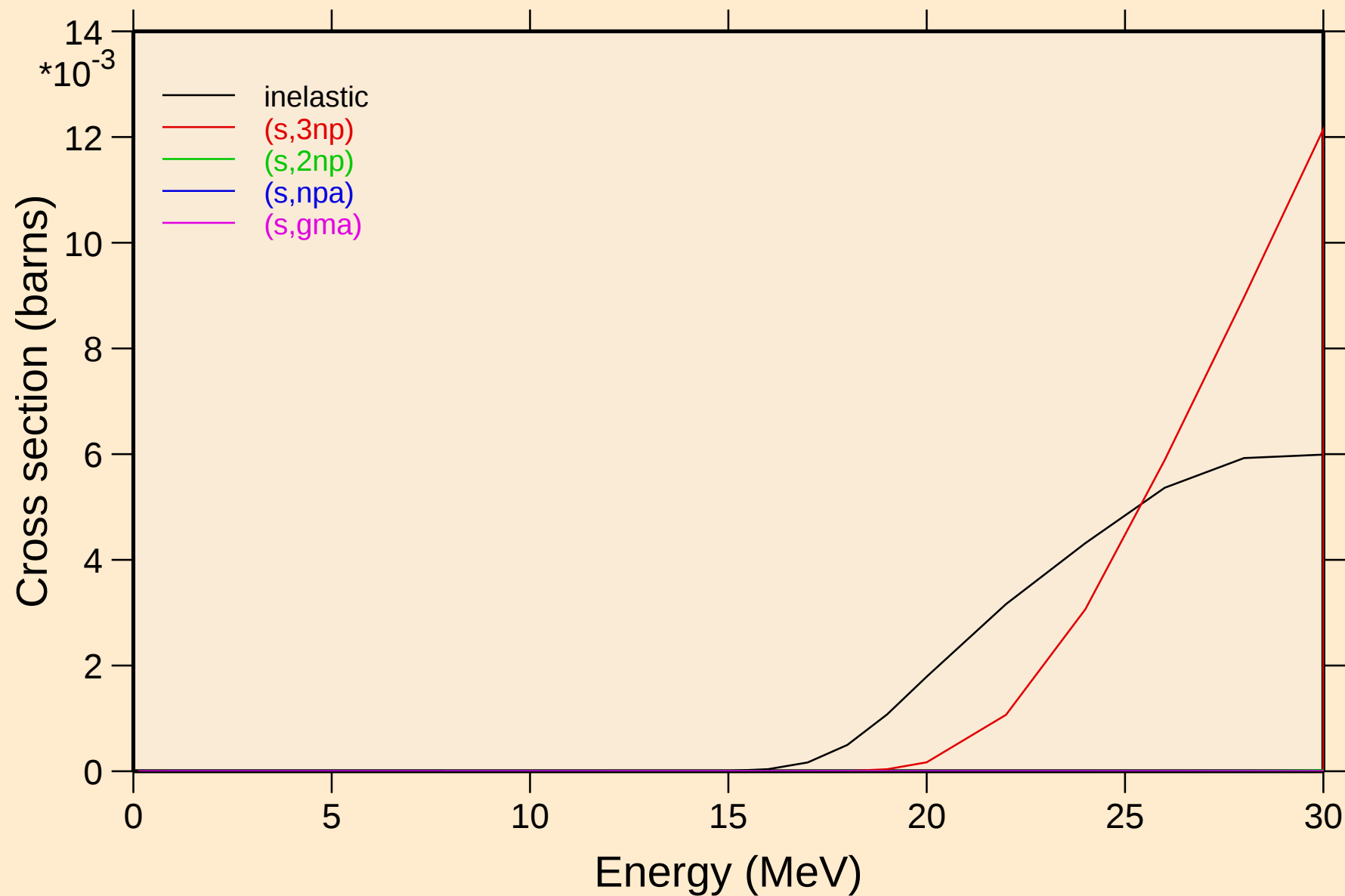


GD164 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



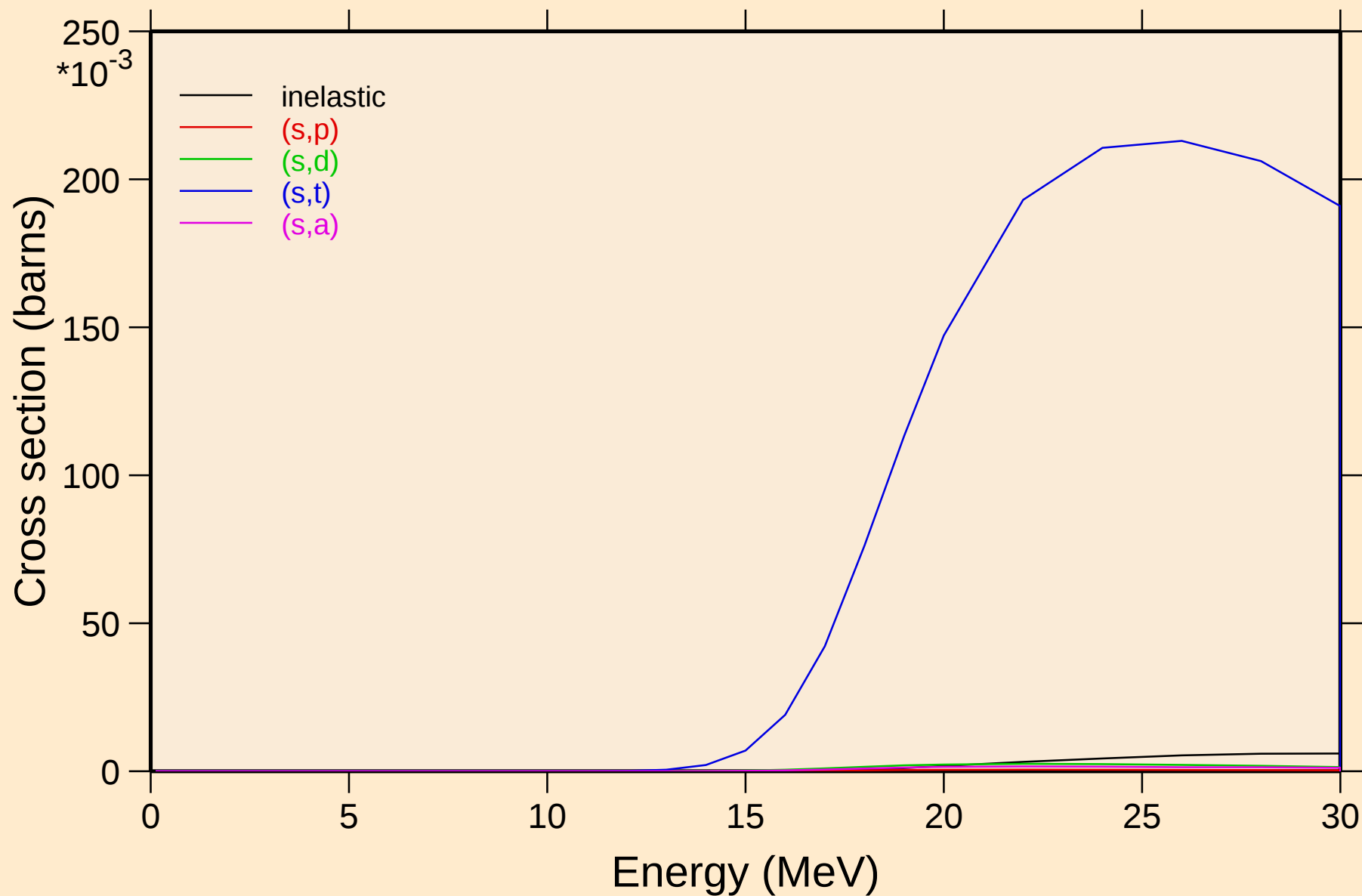
# GD164 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions



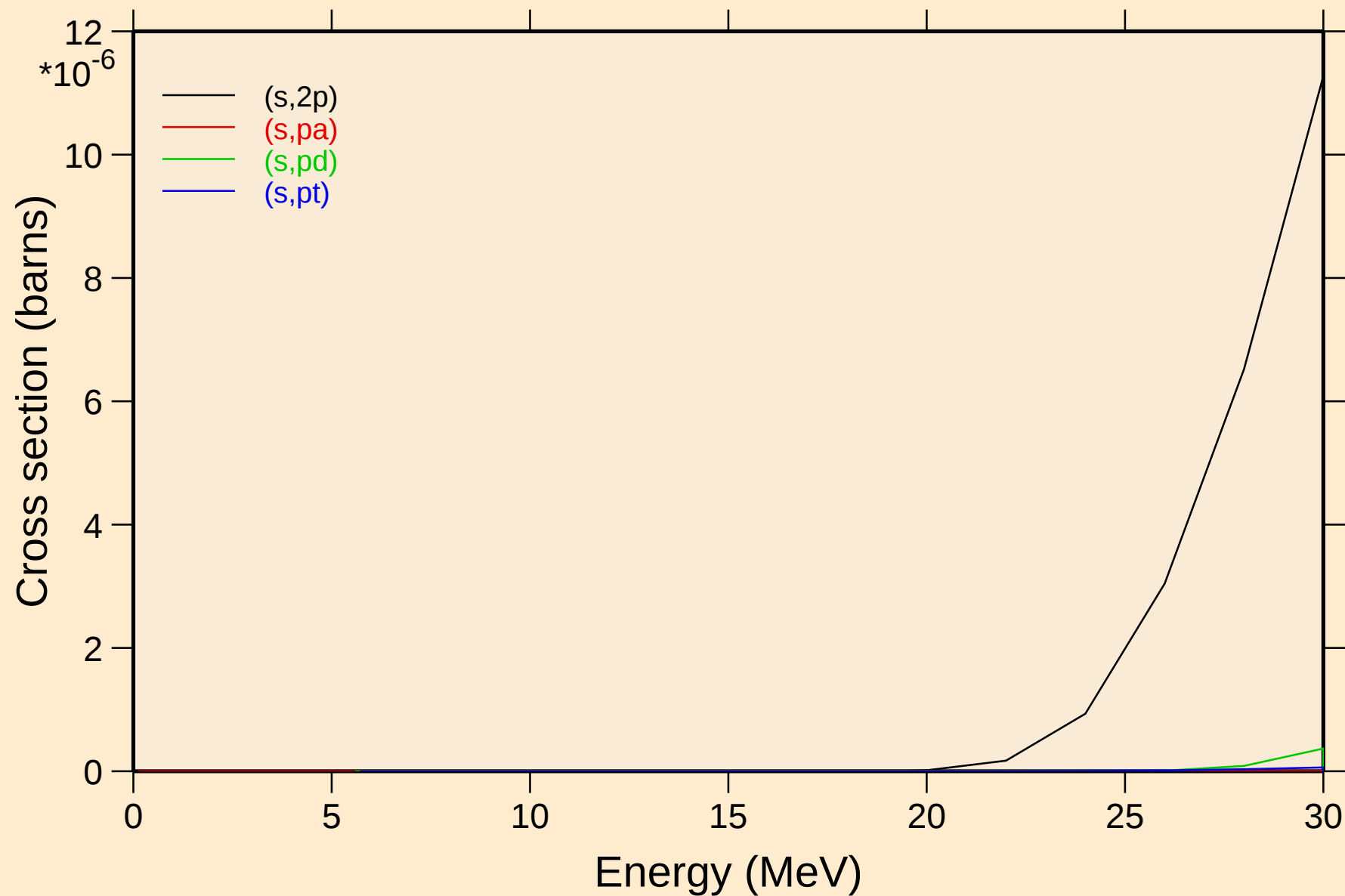
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## Threshold reactions

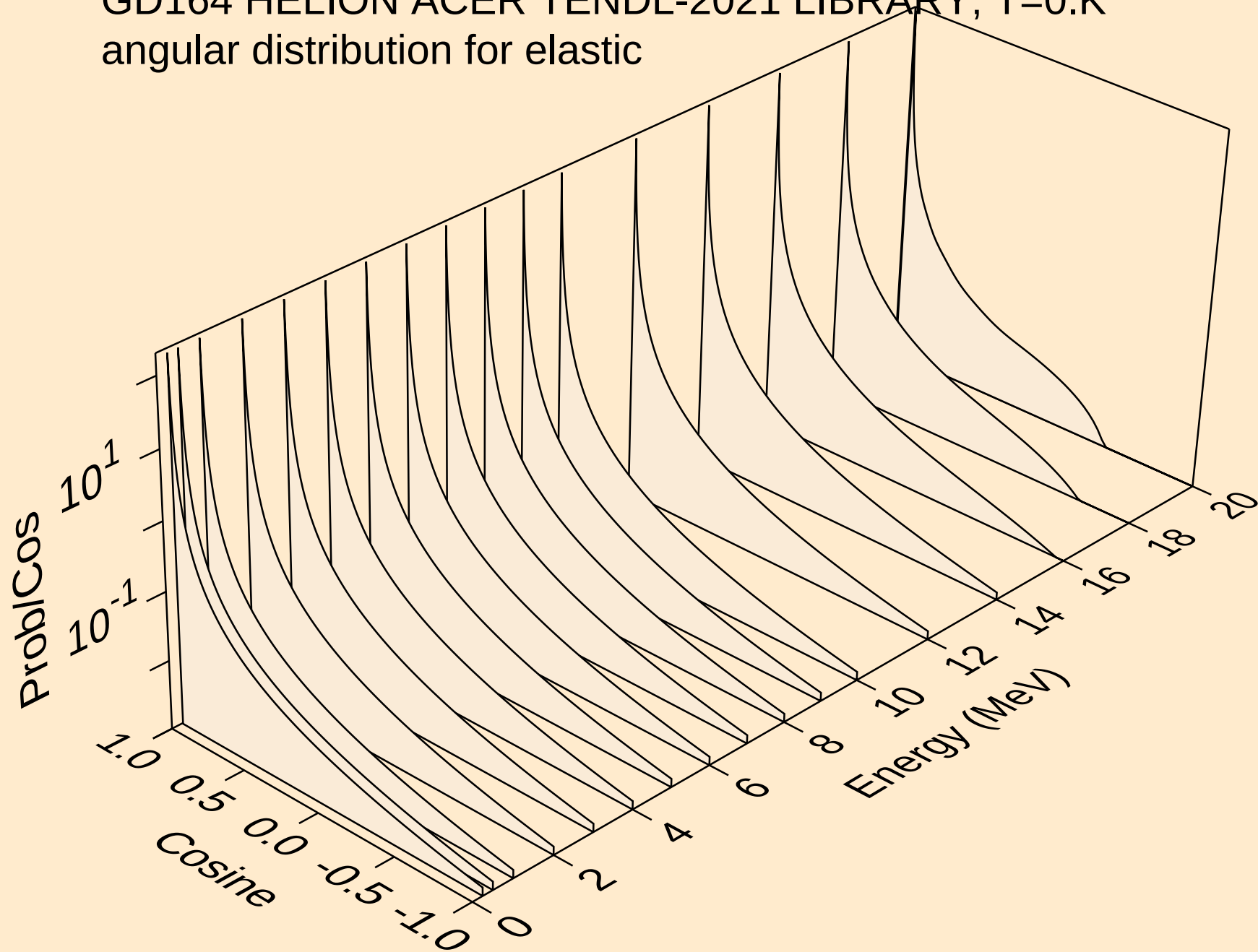


# GD164 HELION ACER TENDL-2021 LIBRARY; T=0.K

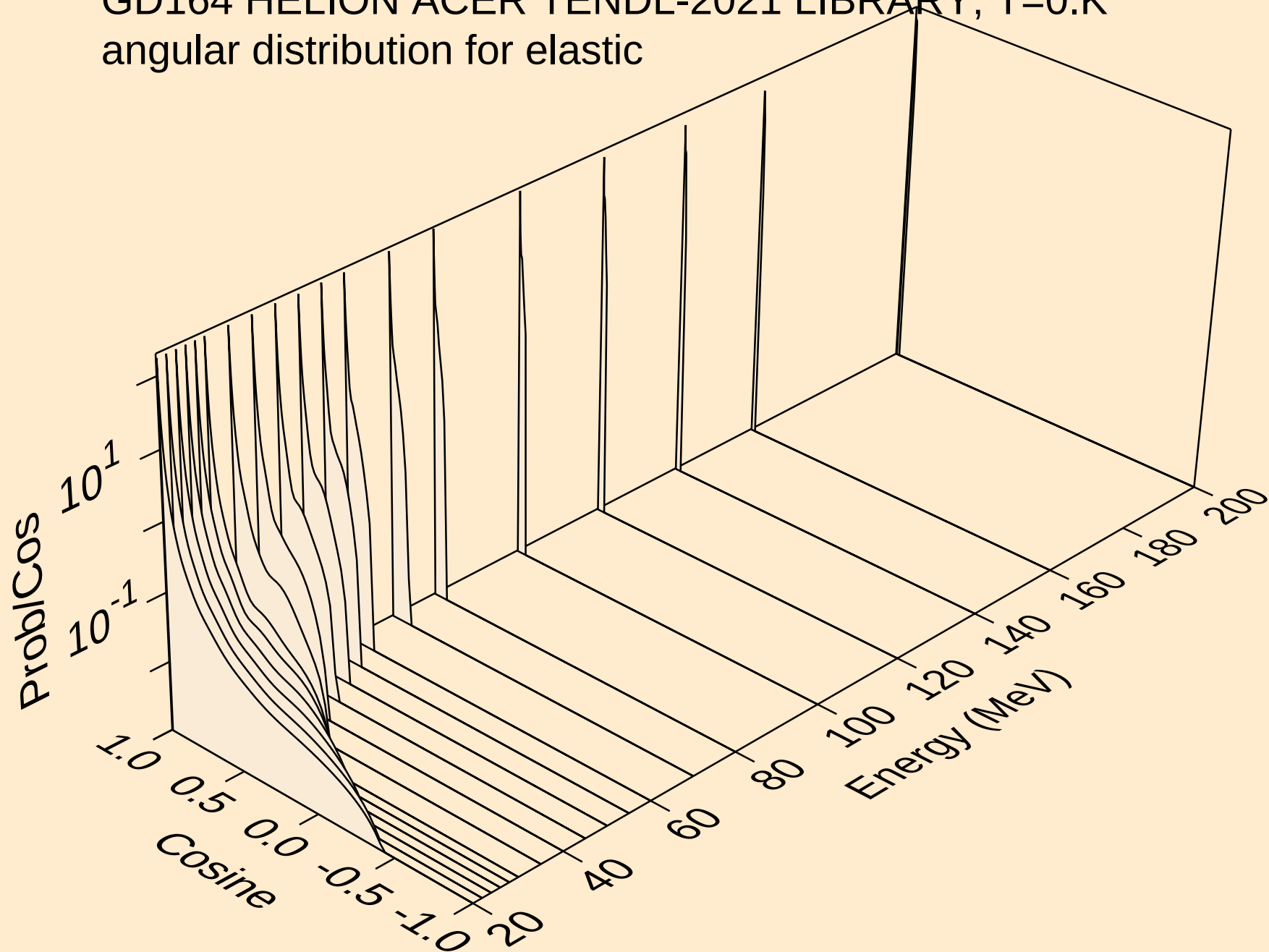
Threshold reactions



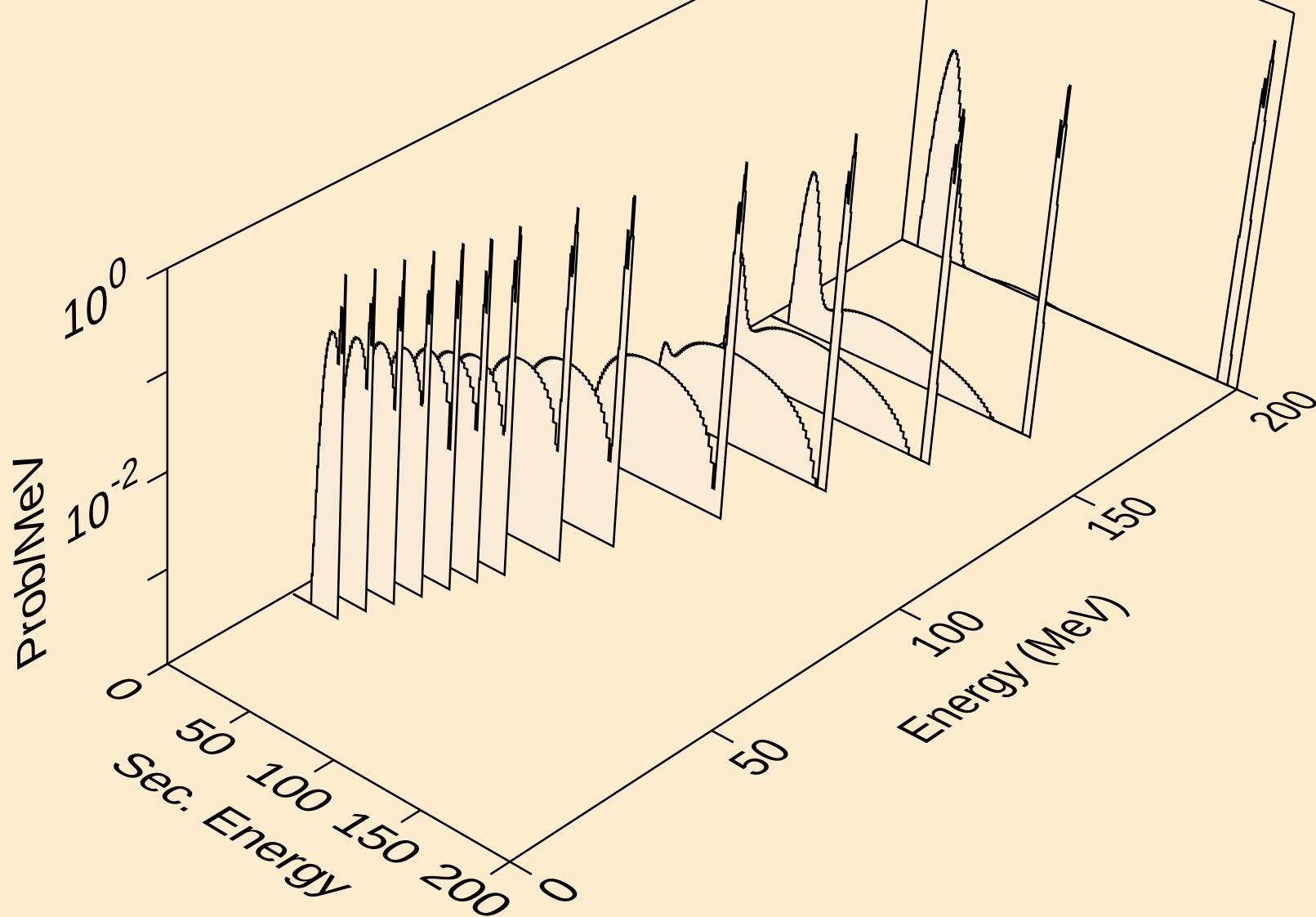
GD164 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



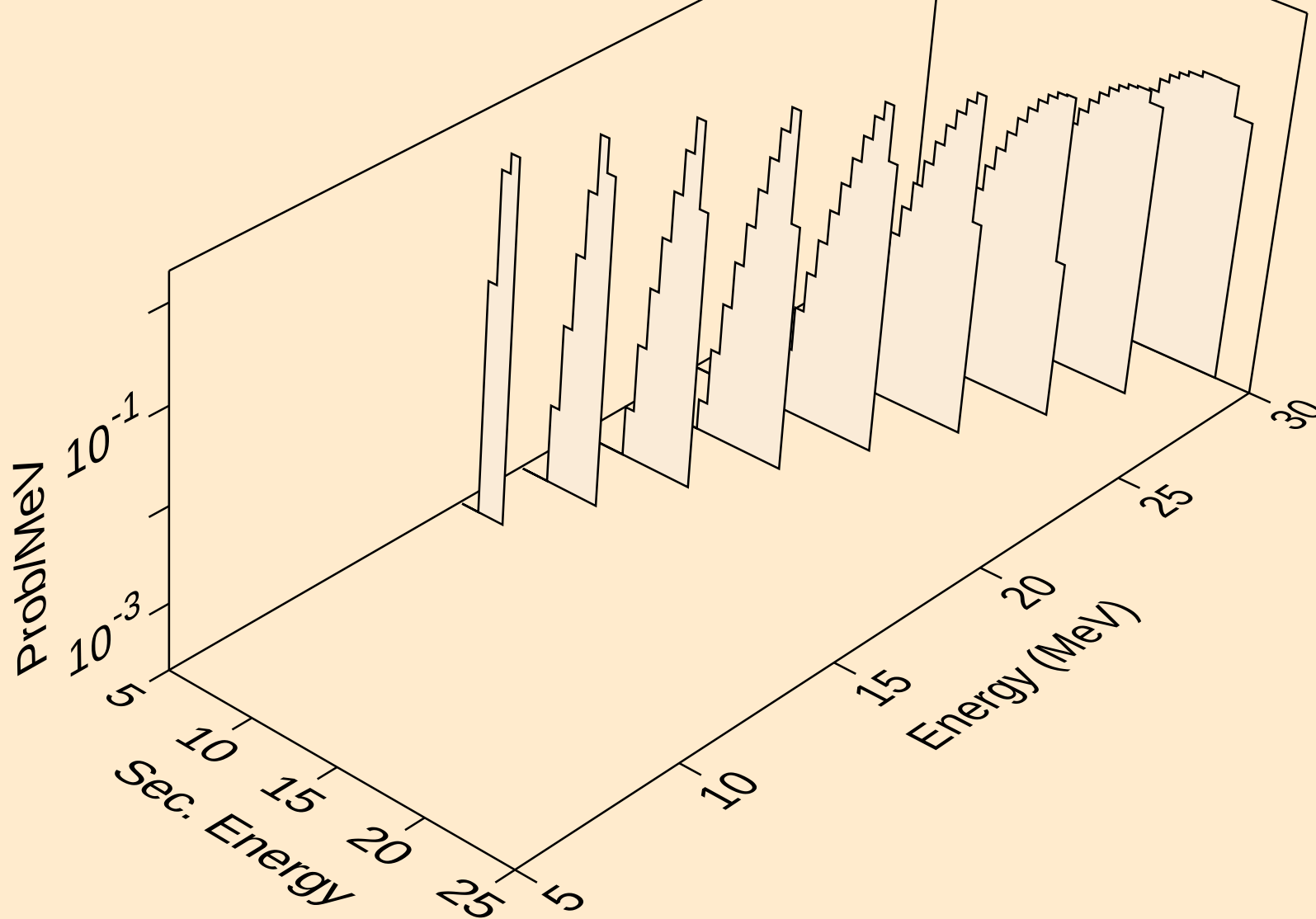
GD164 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



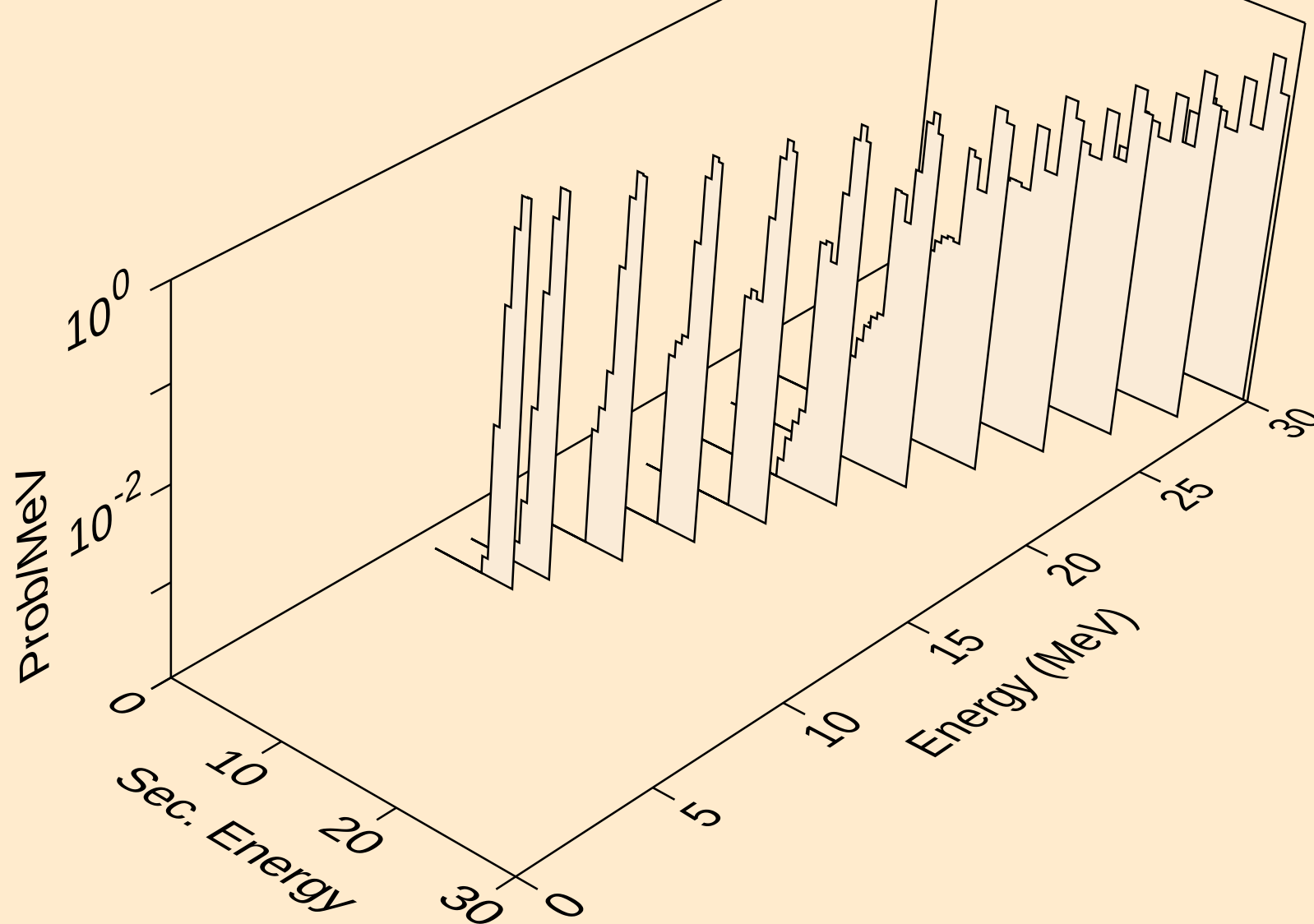
GD164 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,x)



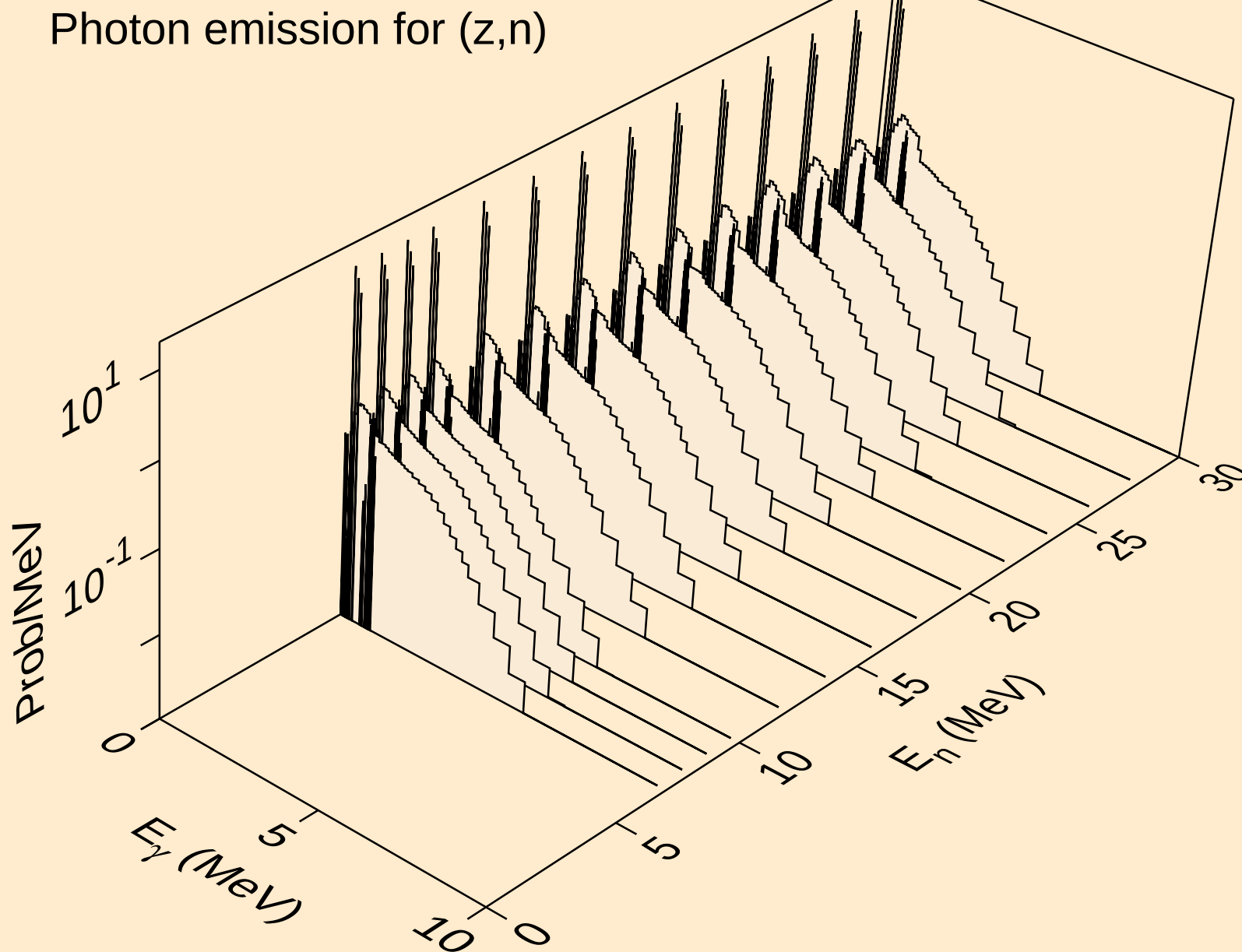
GD164 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3



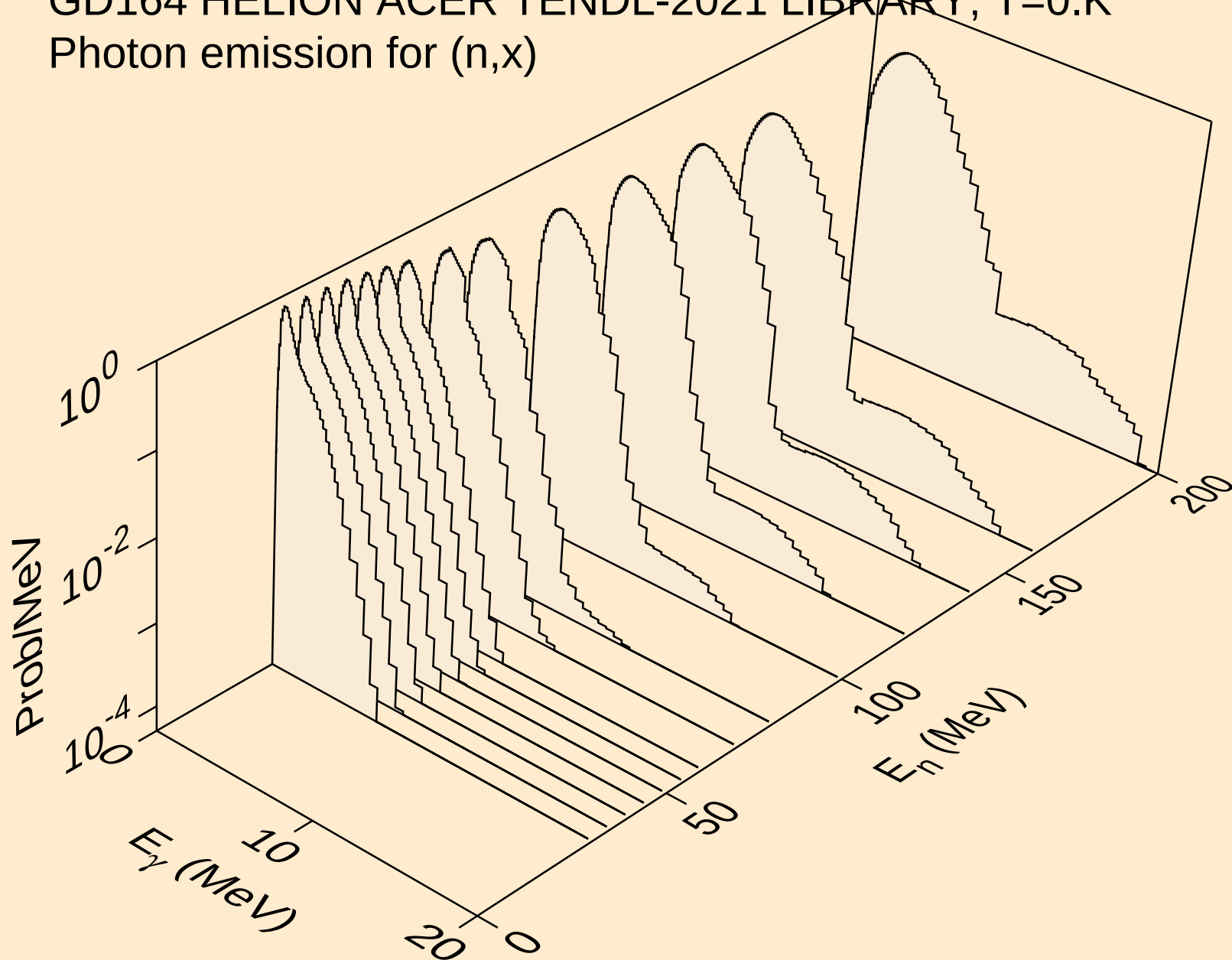
GD164 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for inelastic



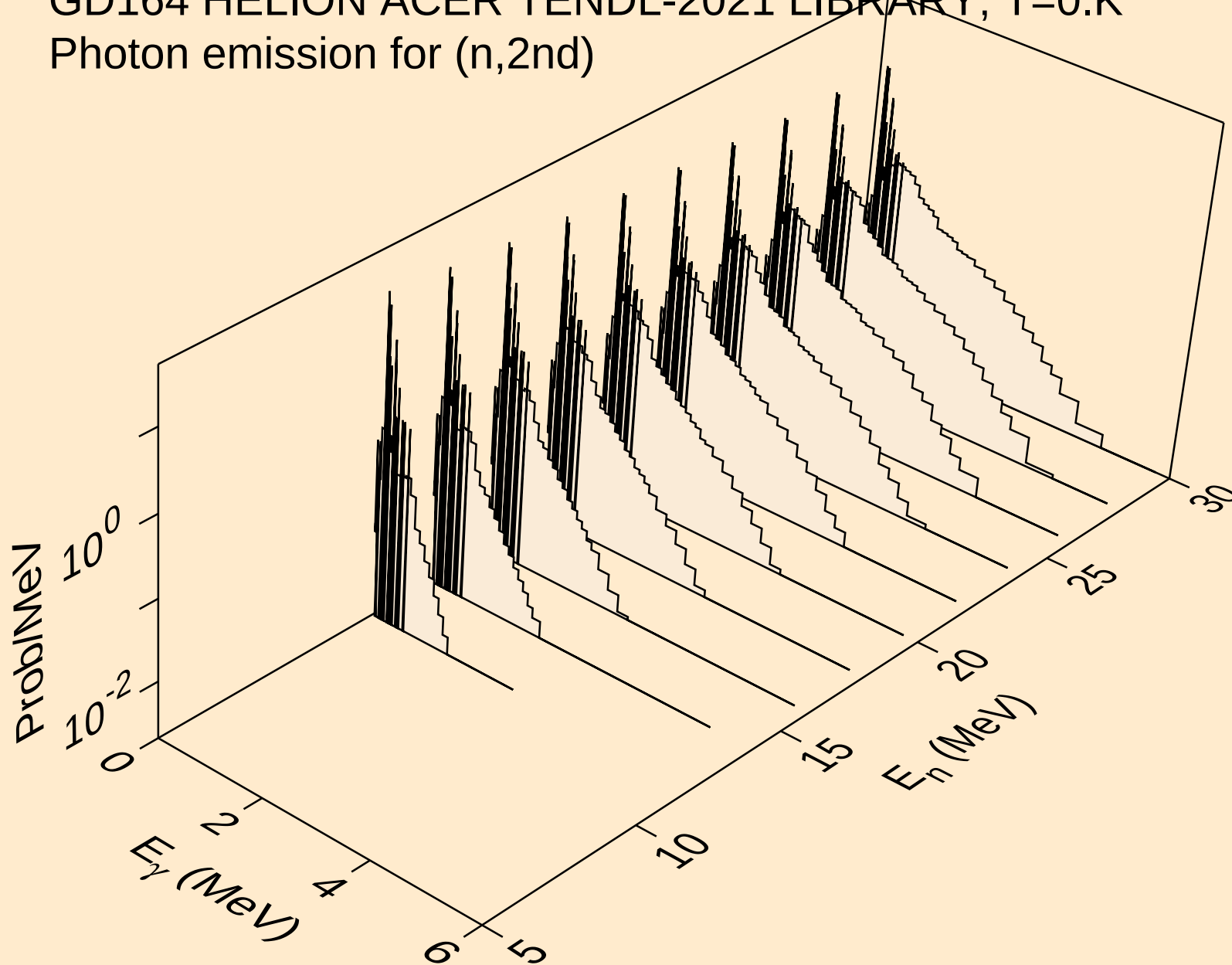
GD164 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



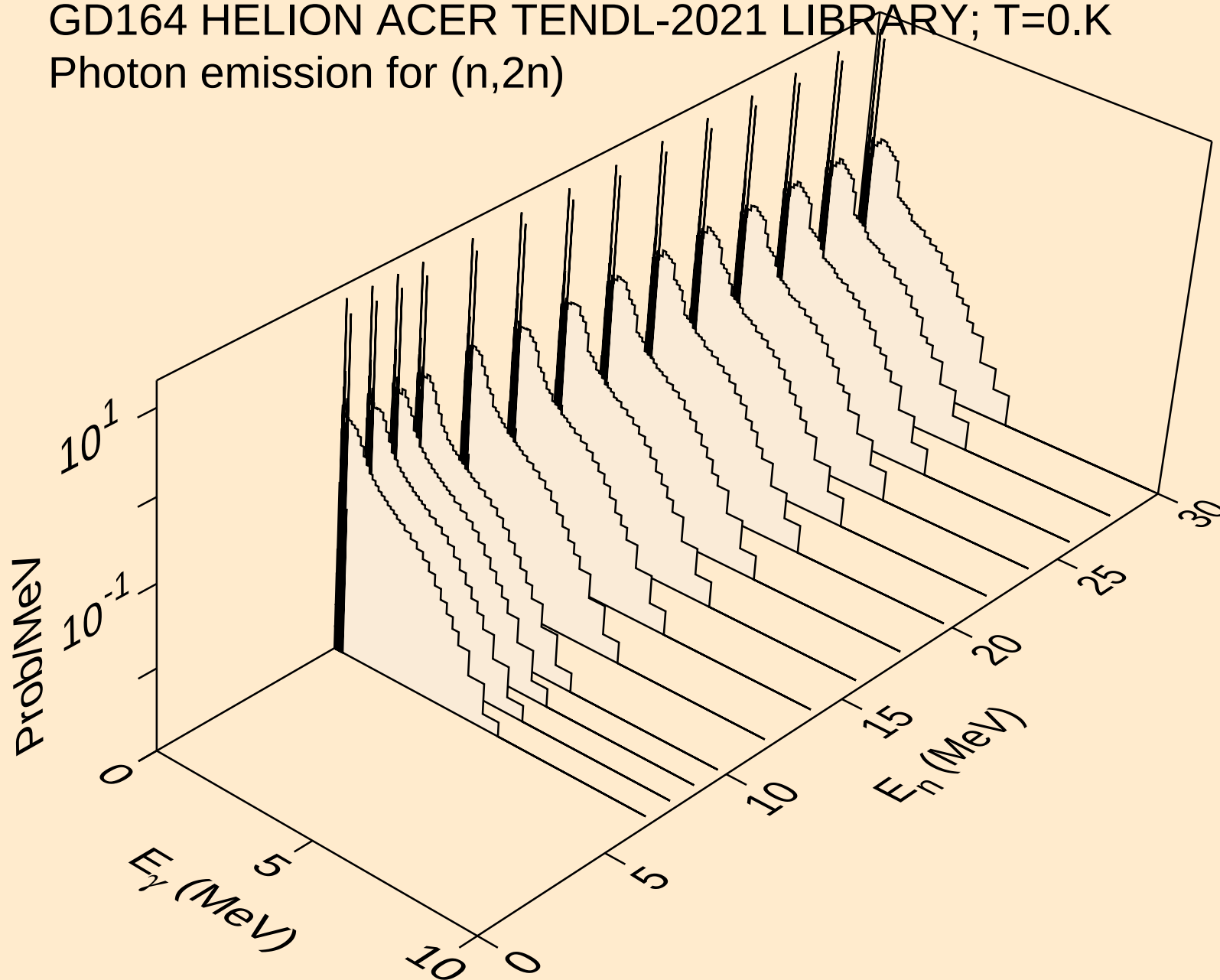
GD164 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



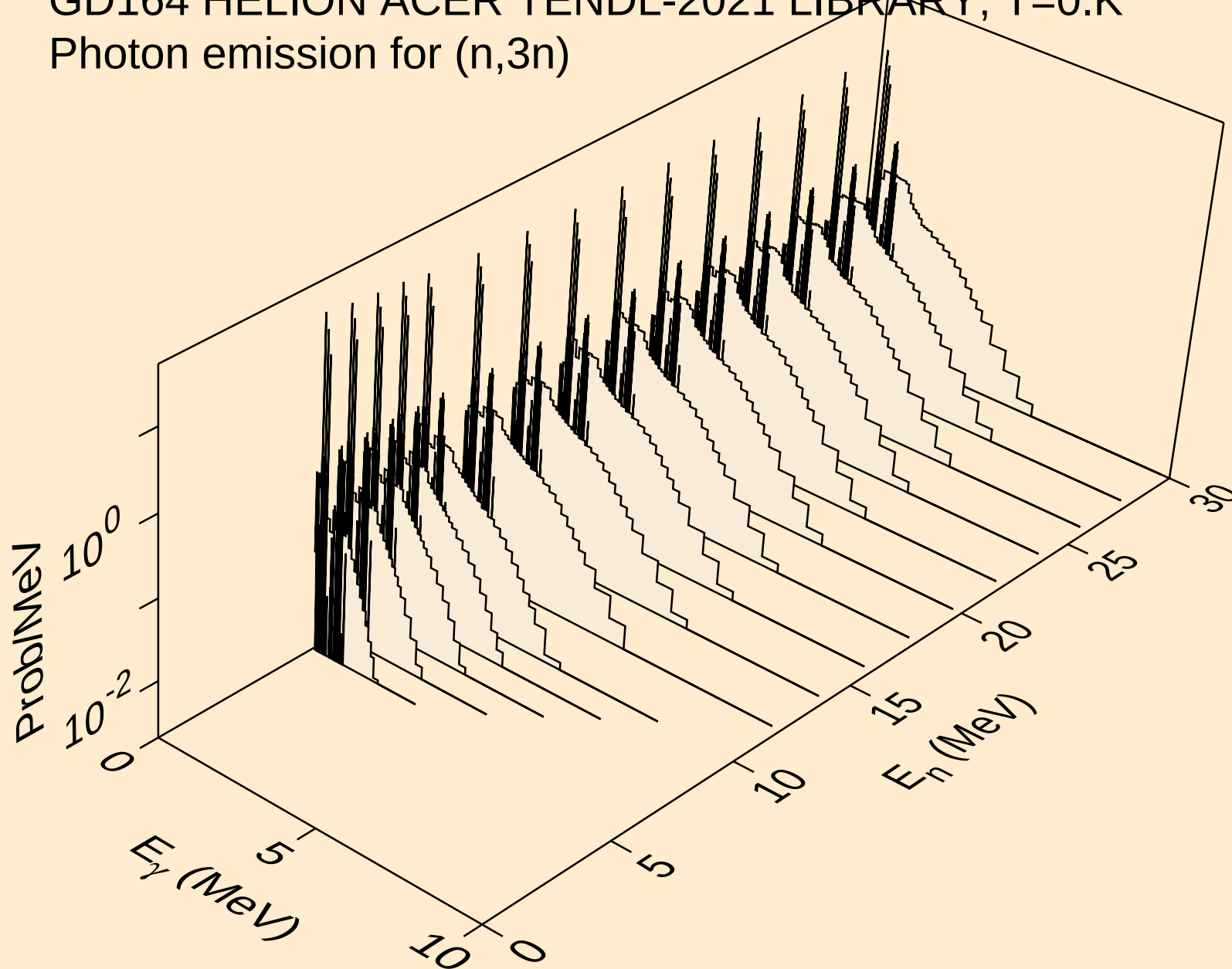
GD164 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)



GD164 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)

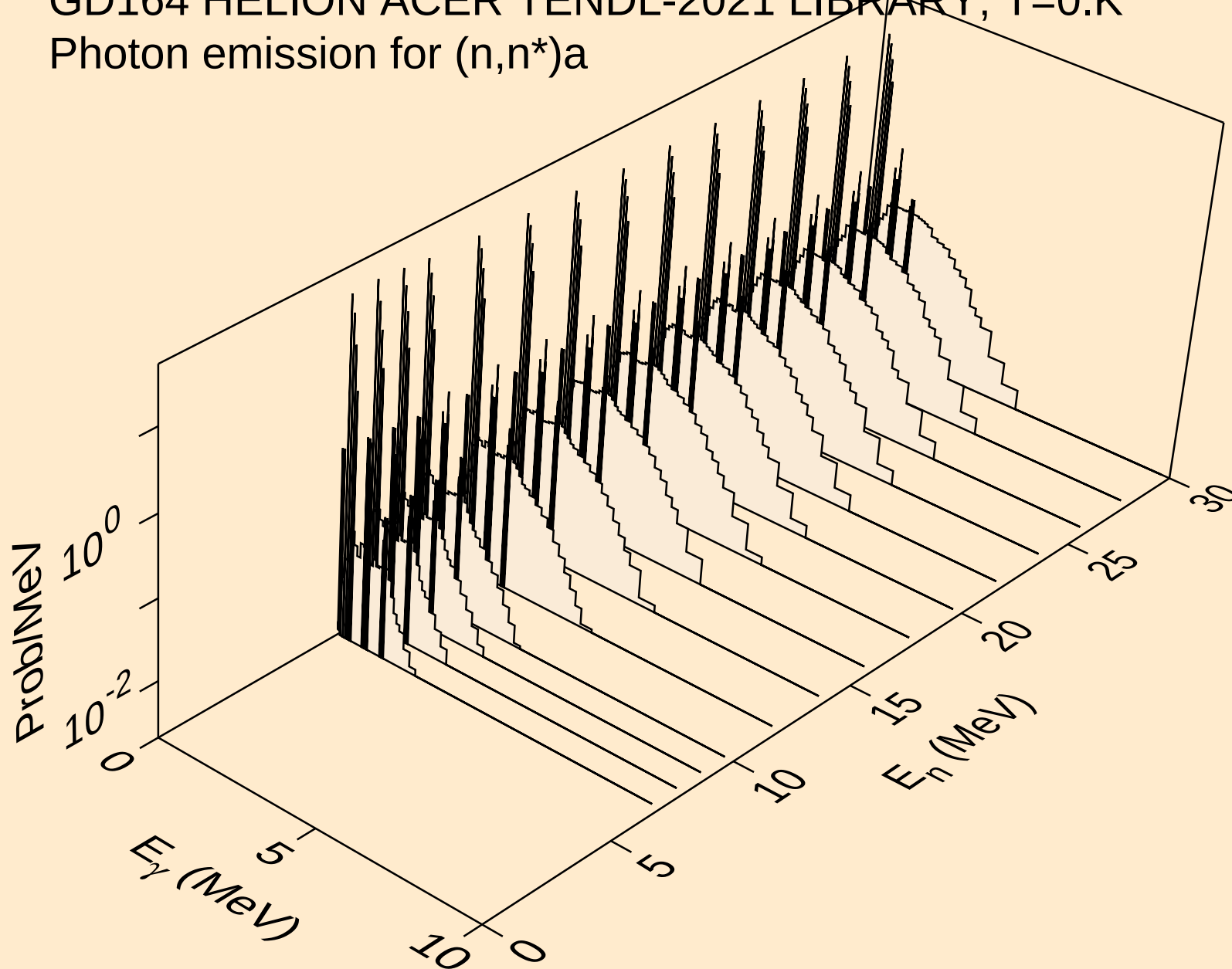


GD164 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)

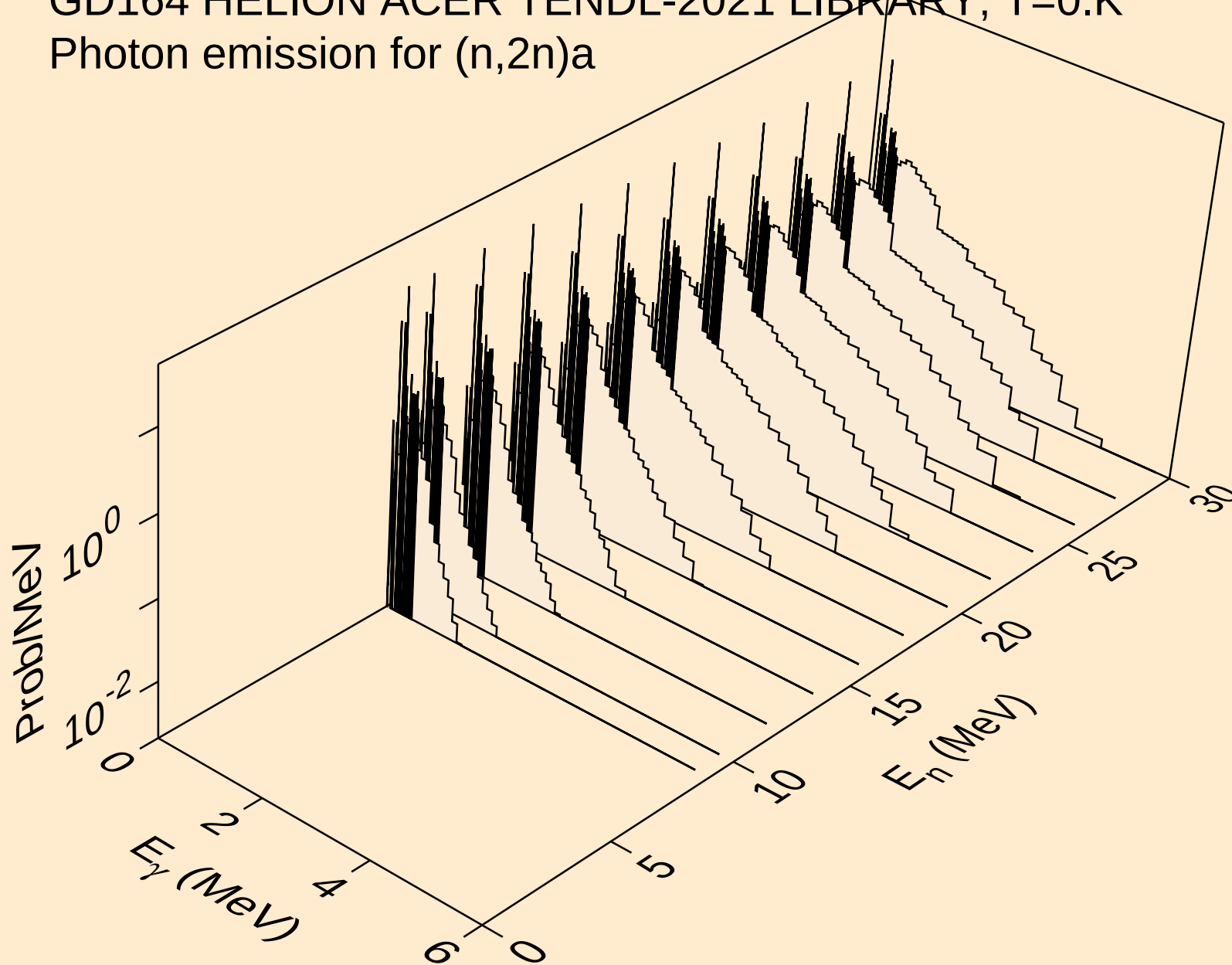


GD164 HELION ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,n\*)a

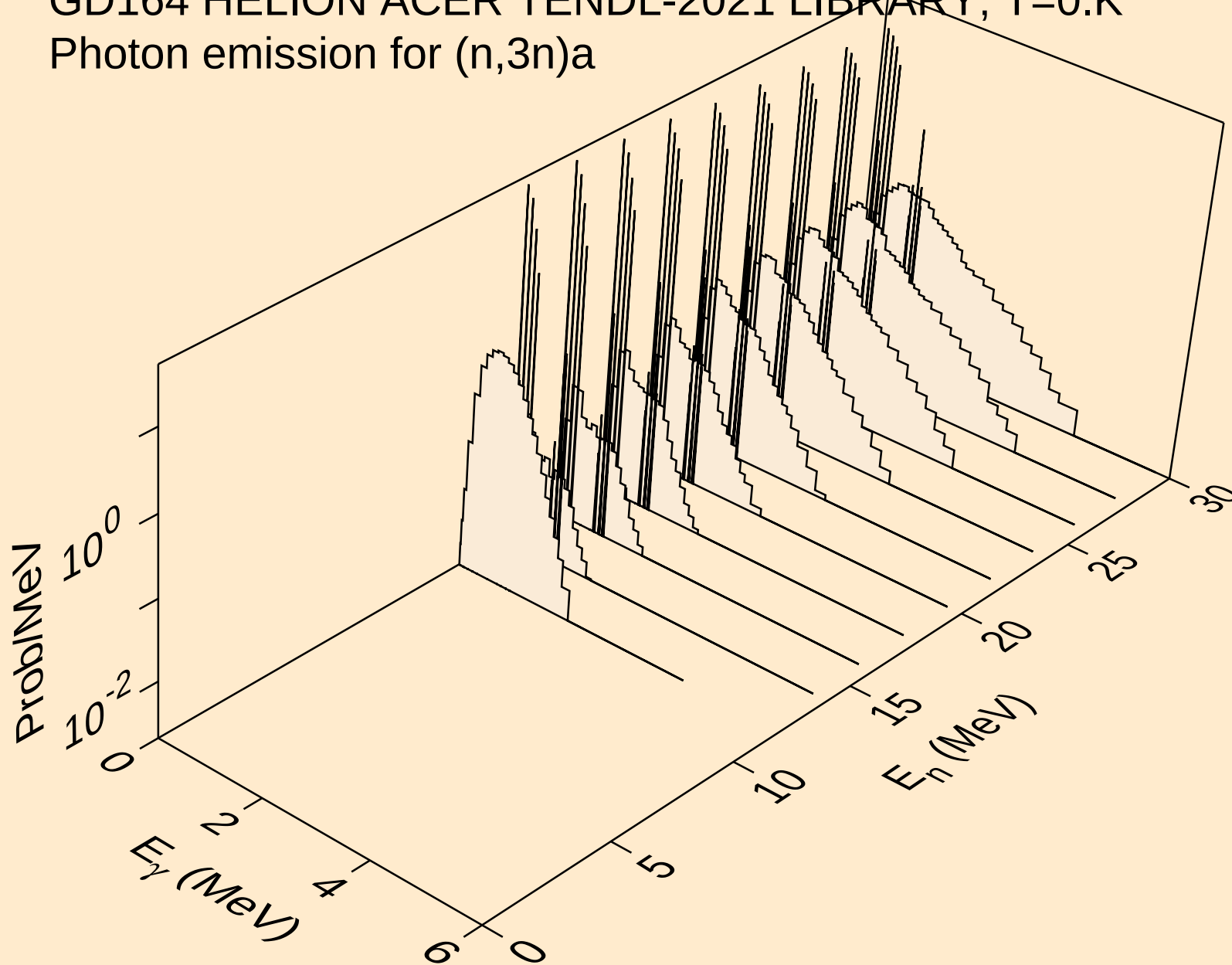


GD164 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n) $\alpha$



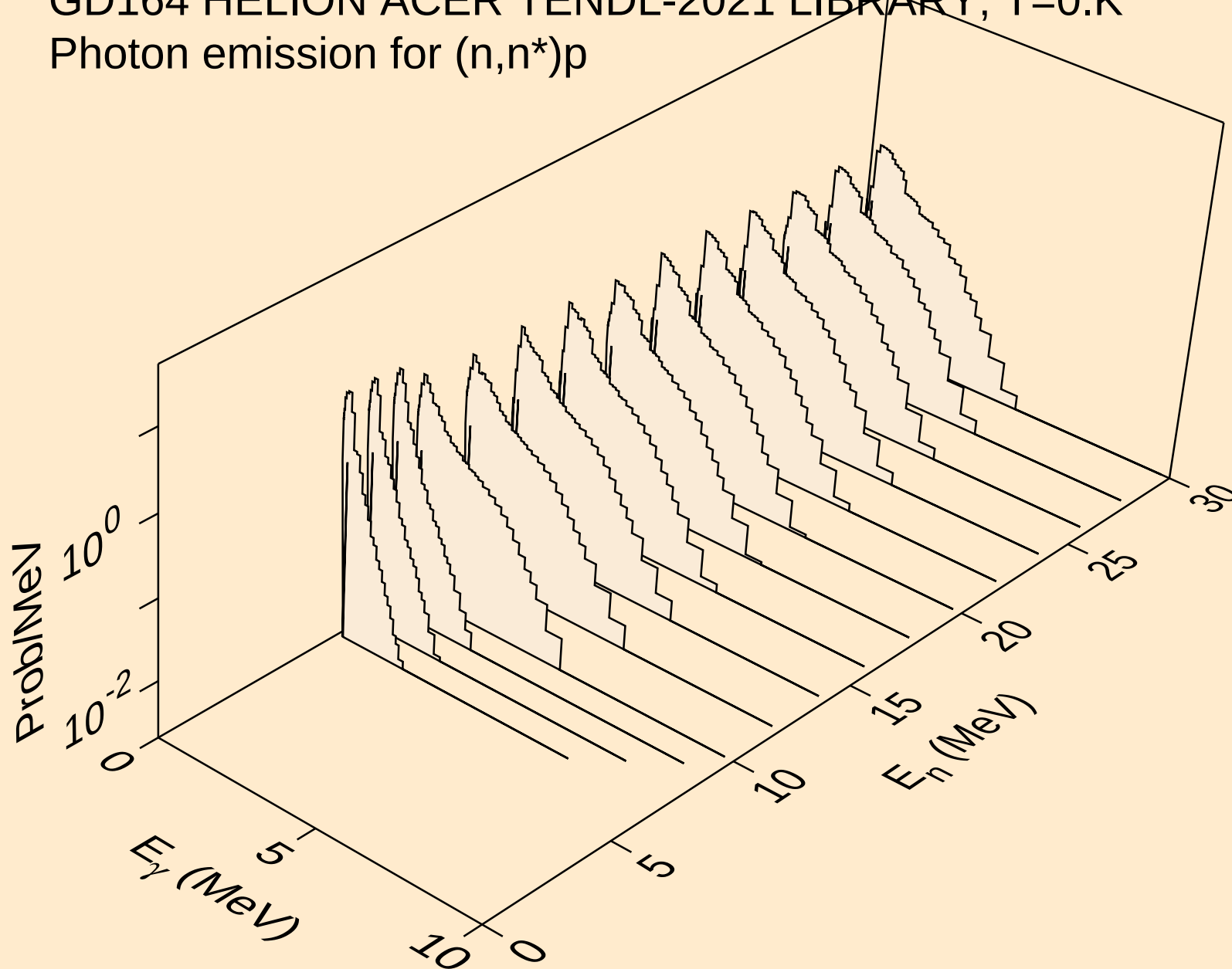
GD164 HELION ACER TENDL-2021 LIBRARY; T=0.K

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

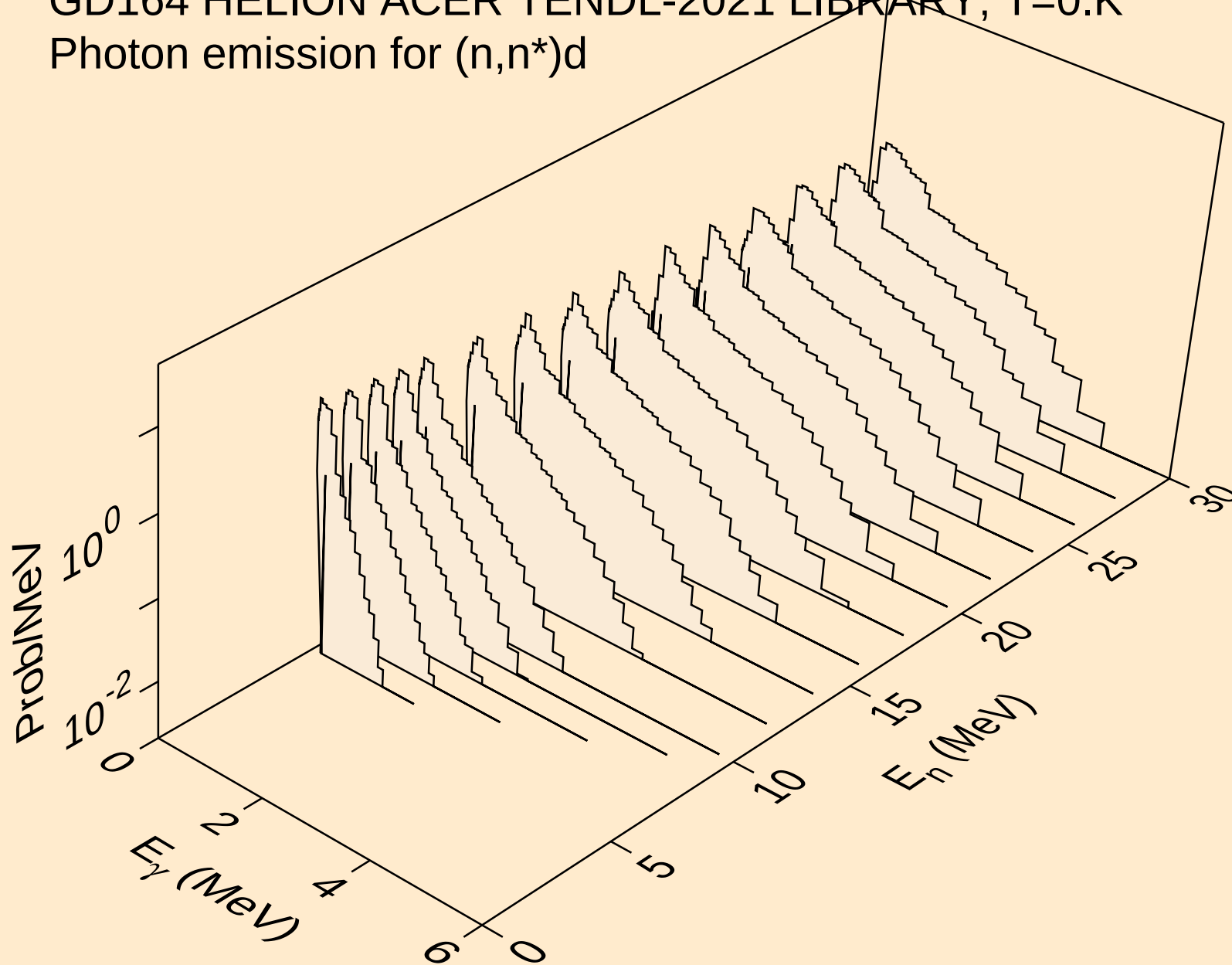


GD164 HELION ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,n\*)p

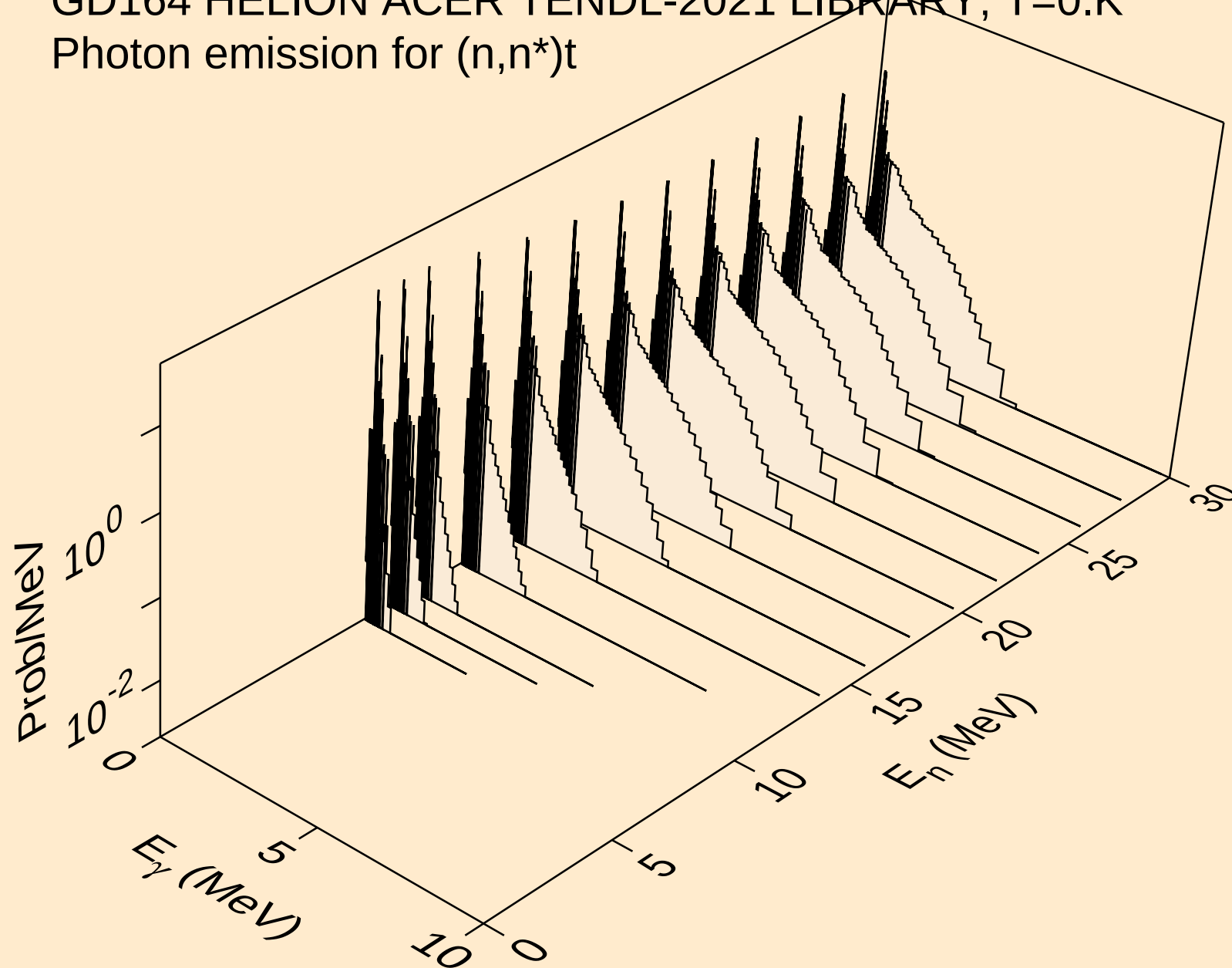


GD164 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

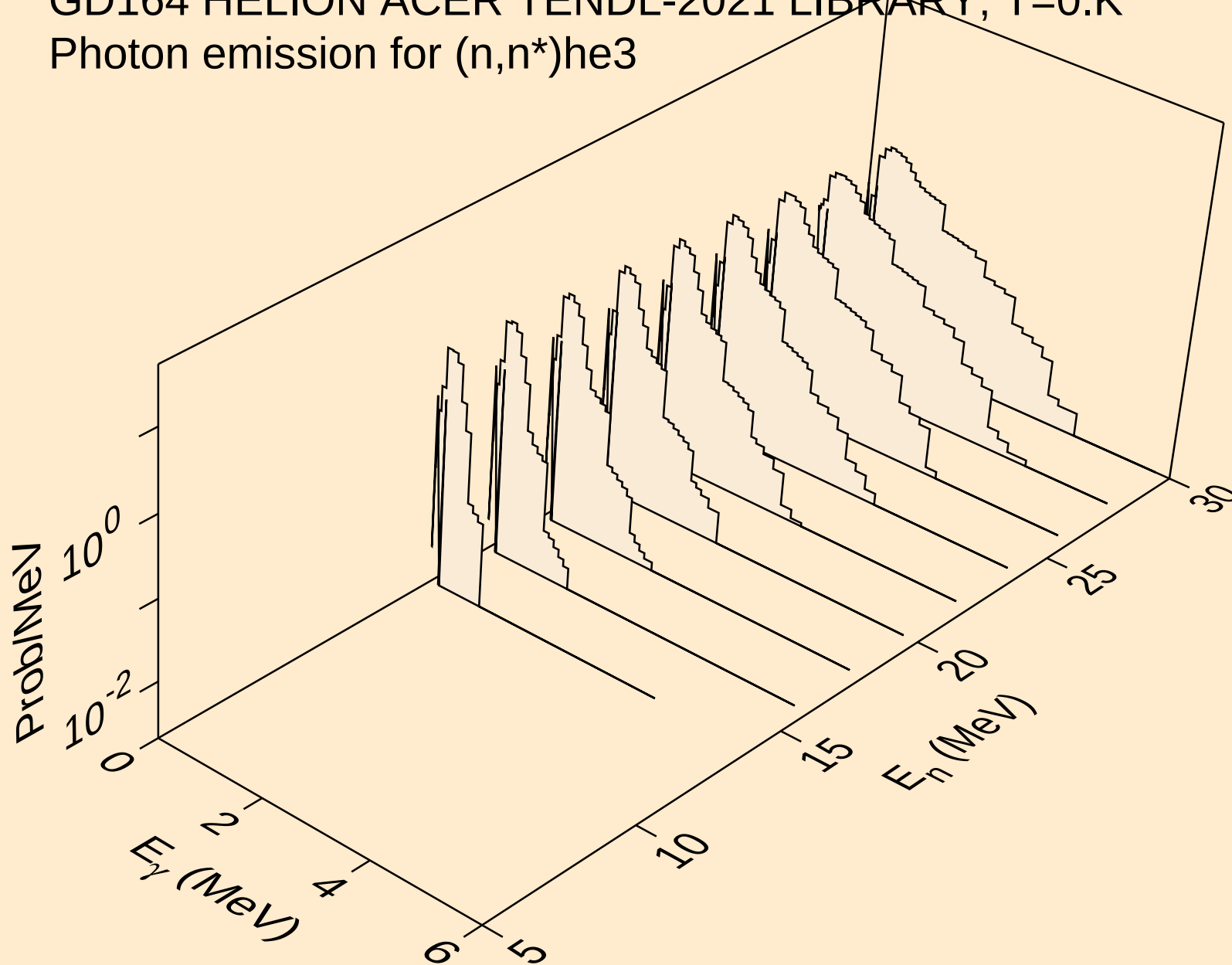


GD164 HELION ACER TENDL-2021 LIBRARY; T=0.K

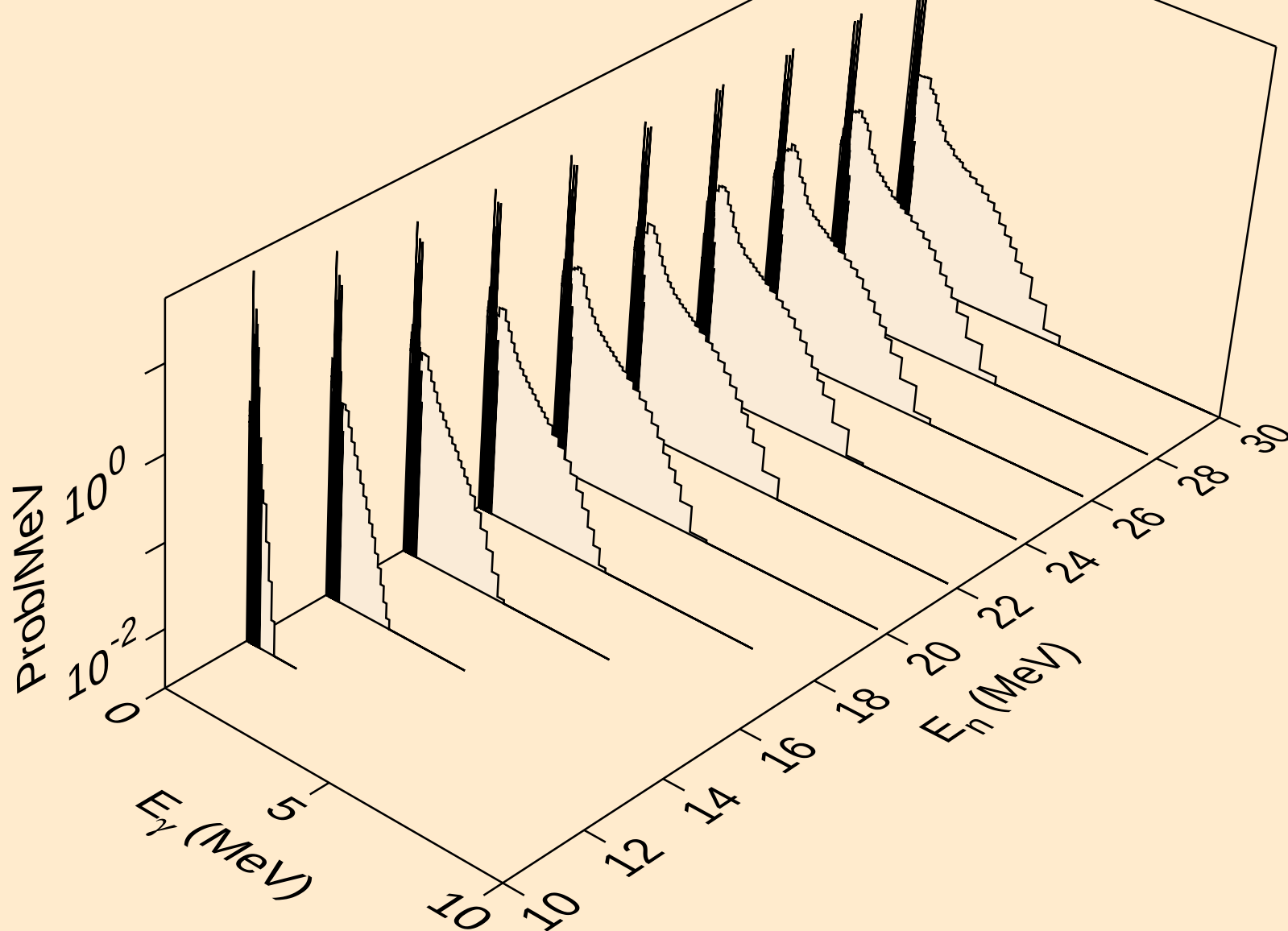
Photon emission for (n,n\*)t



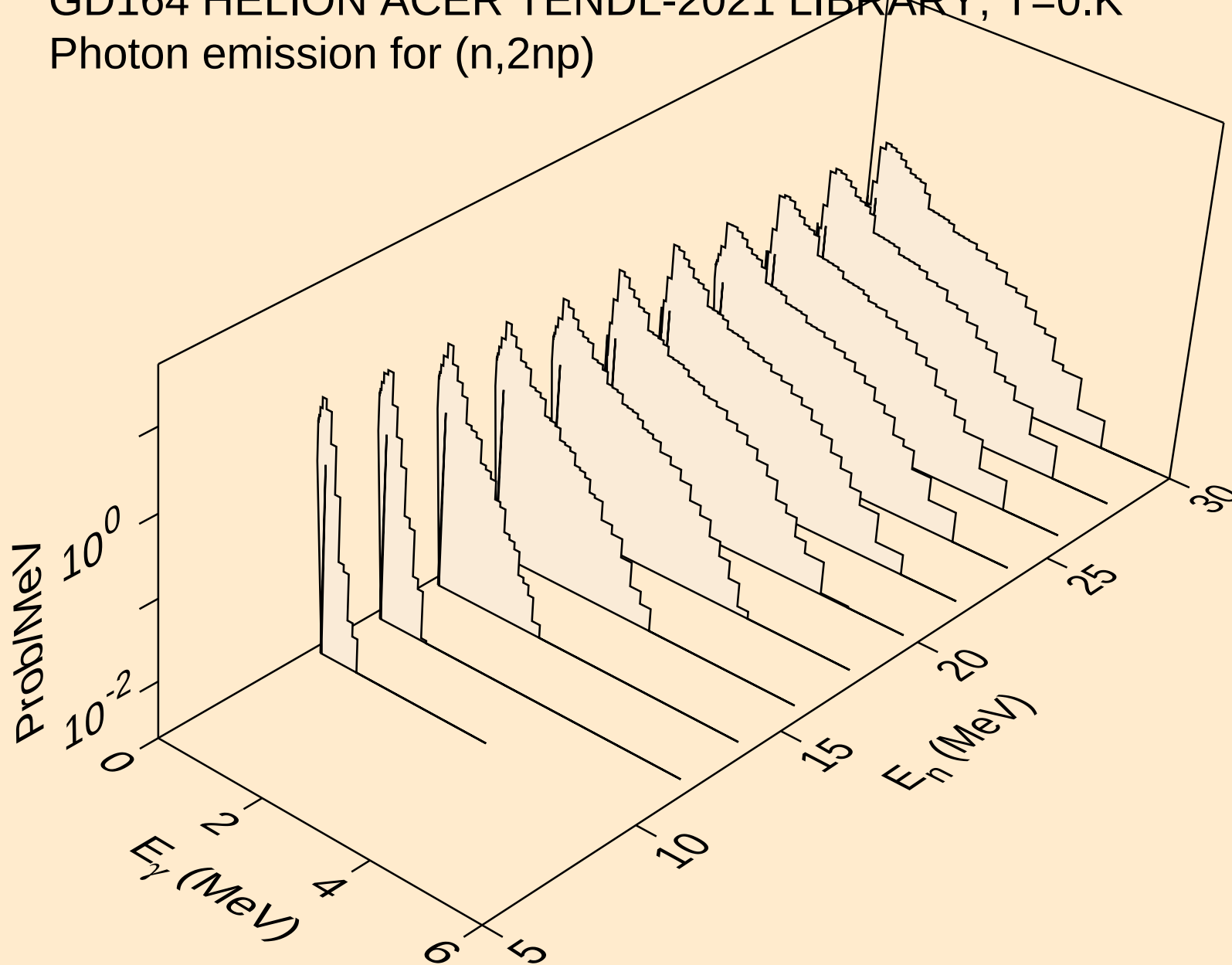
GD164 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



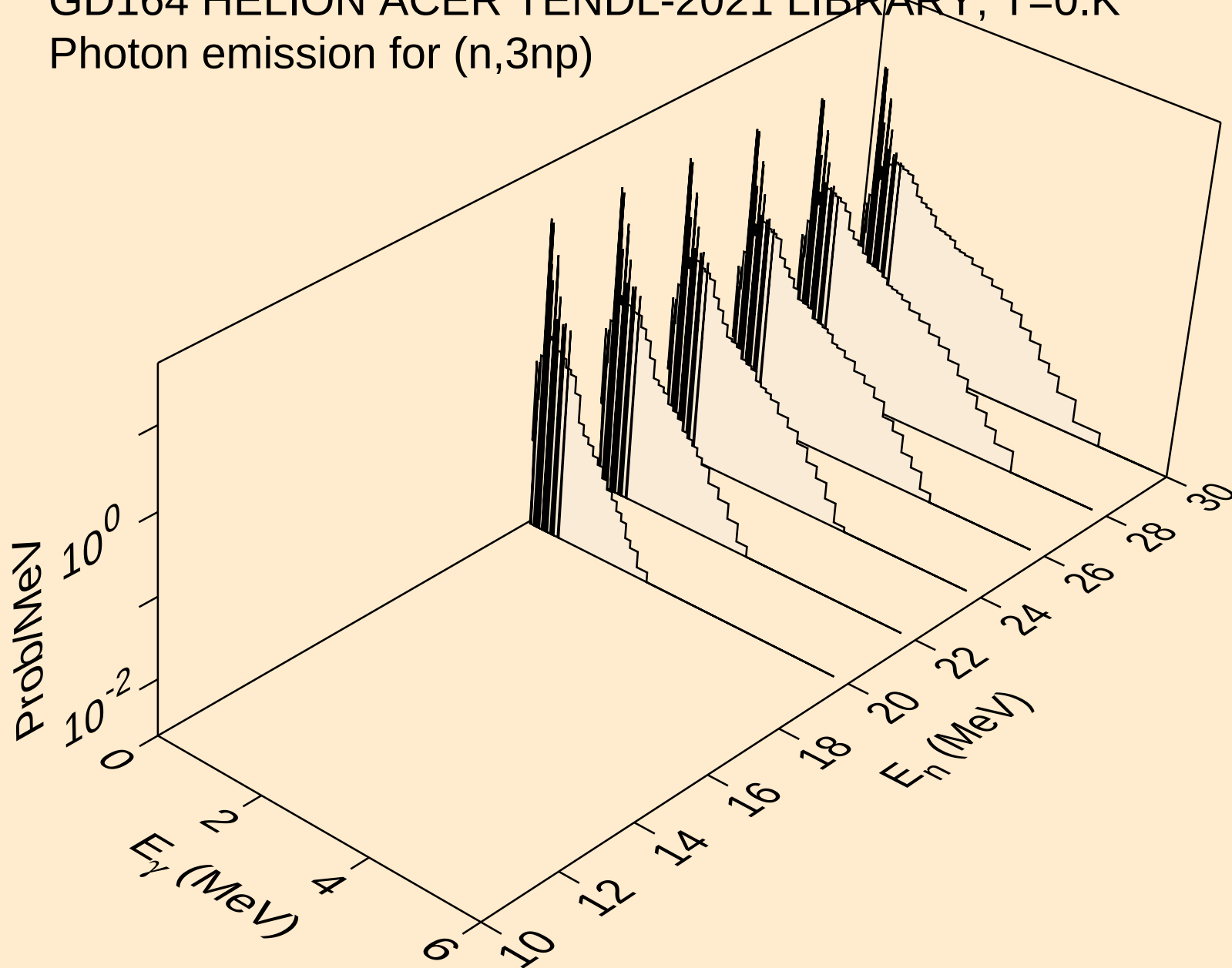
GD164 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,4n)



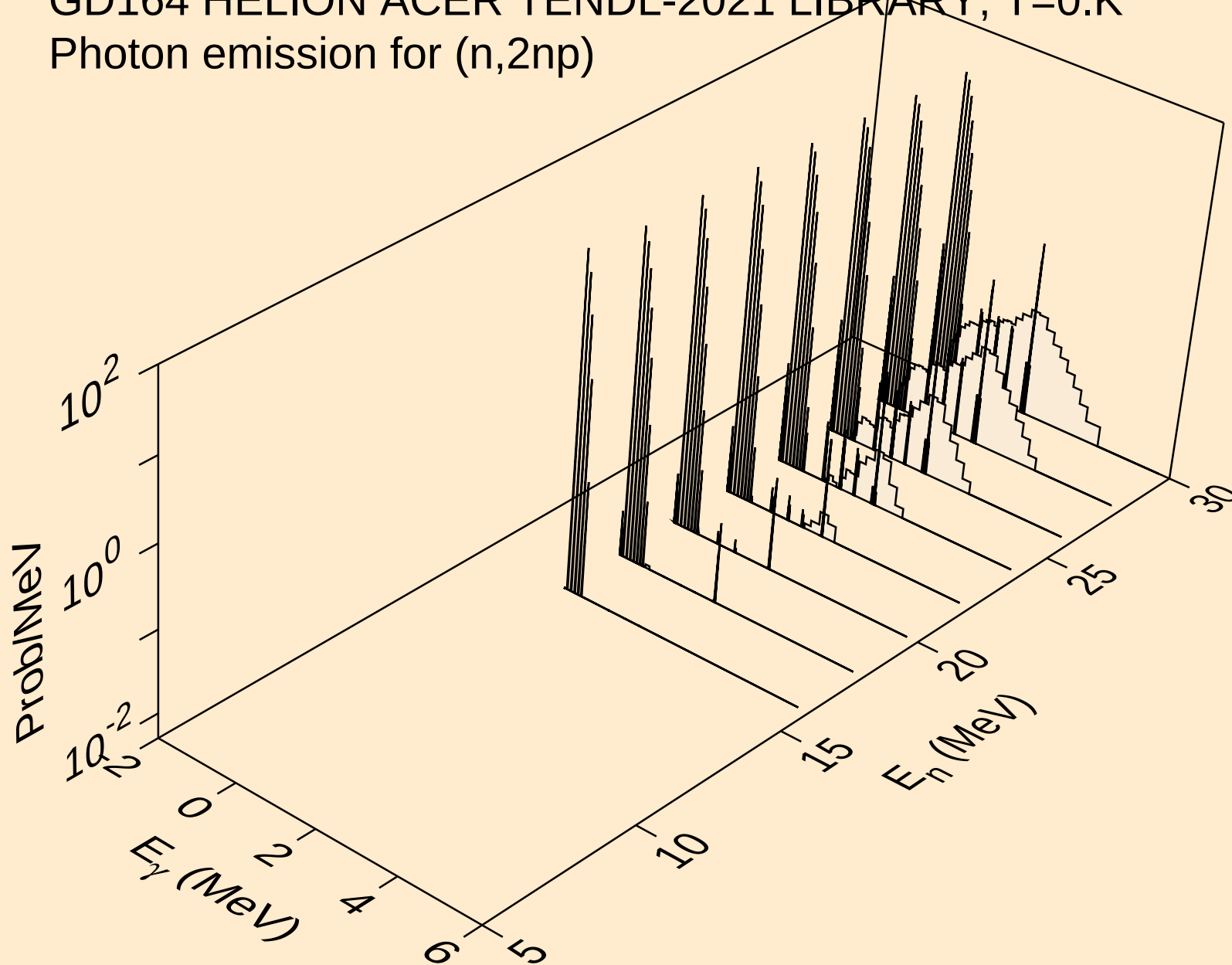
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Photon emission for (n,2np)



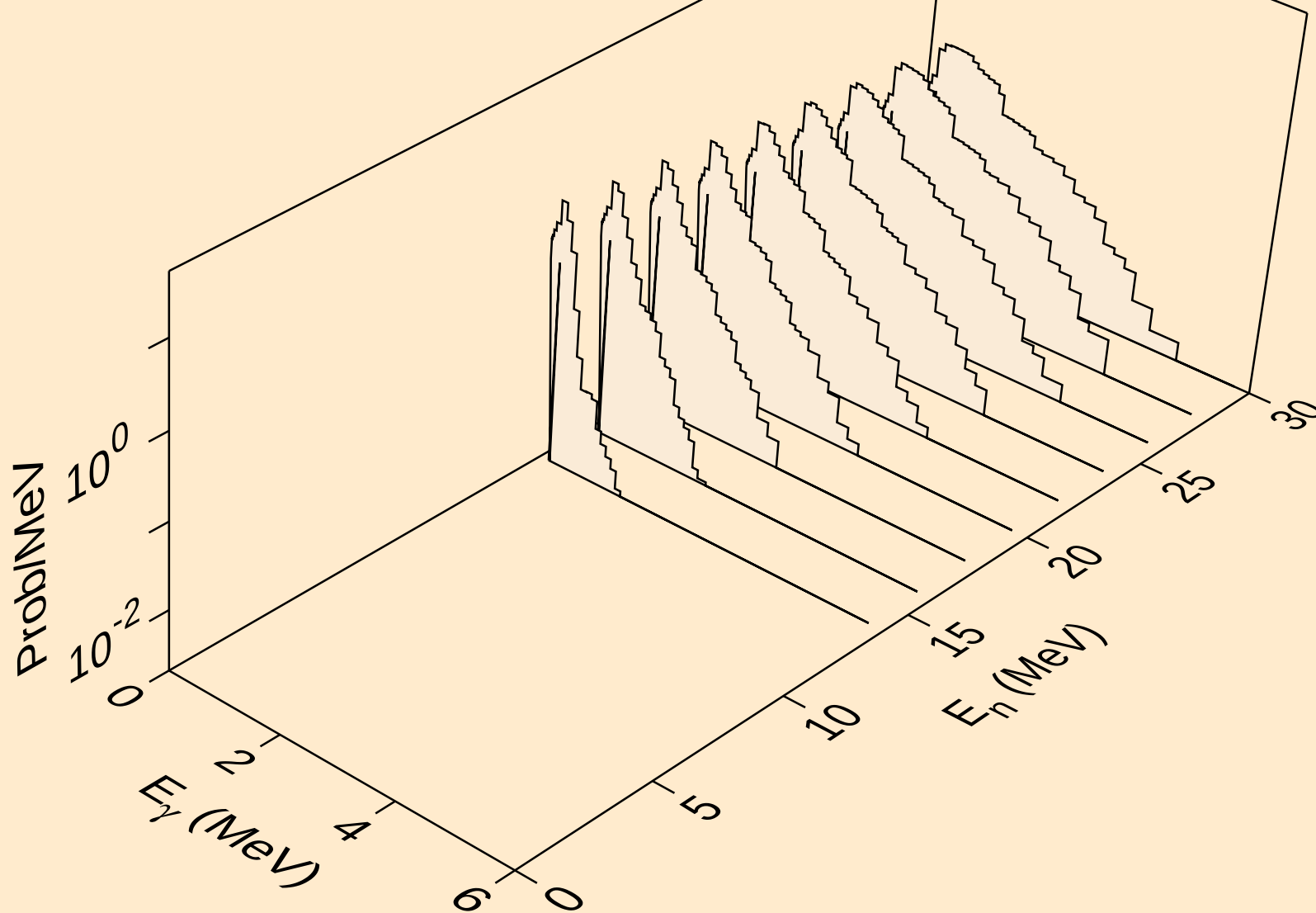
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Photon emission for (n,3np)



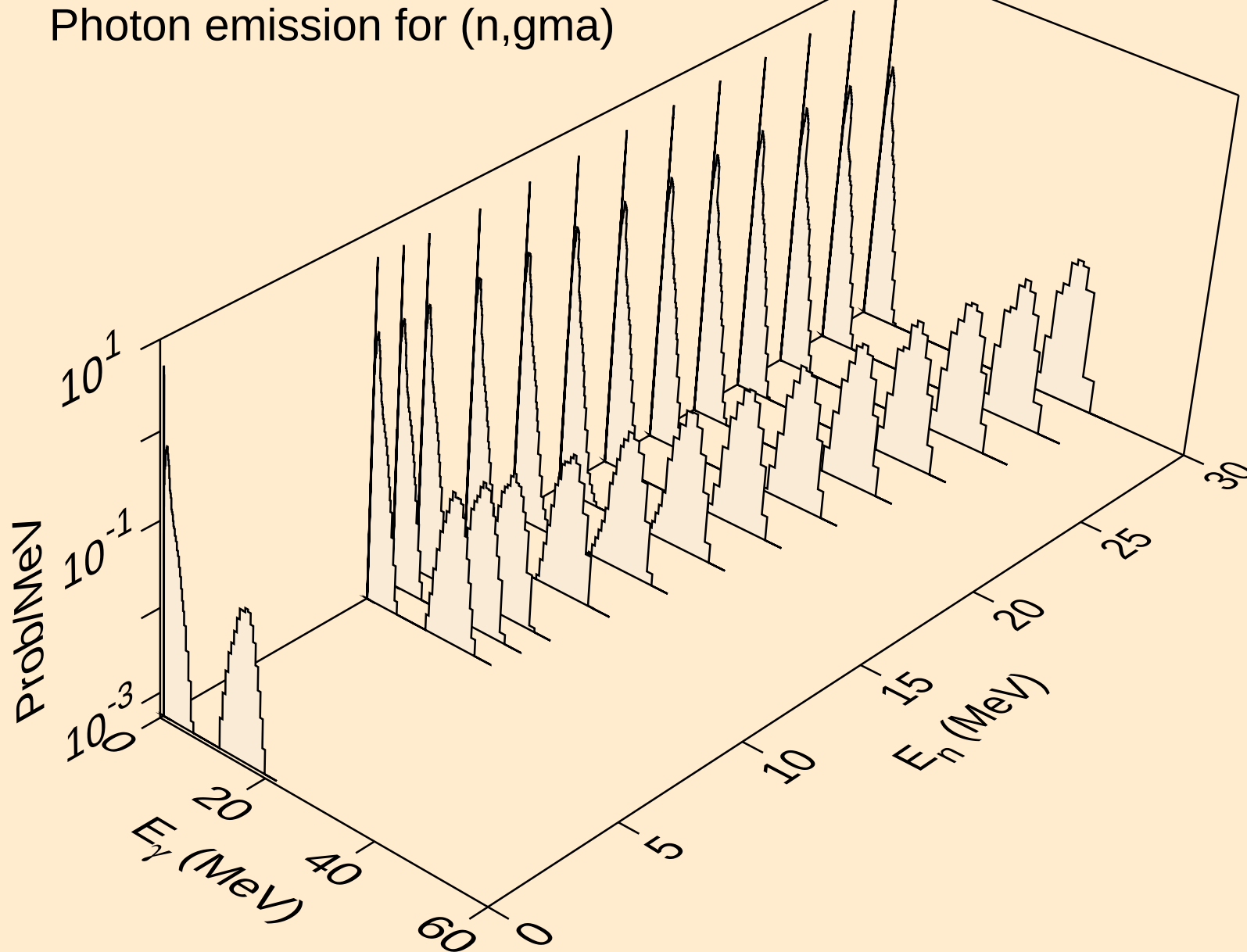
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Photon emission for (n,2np)



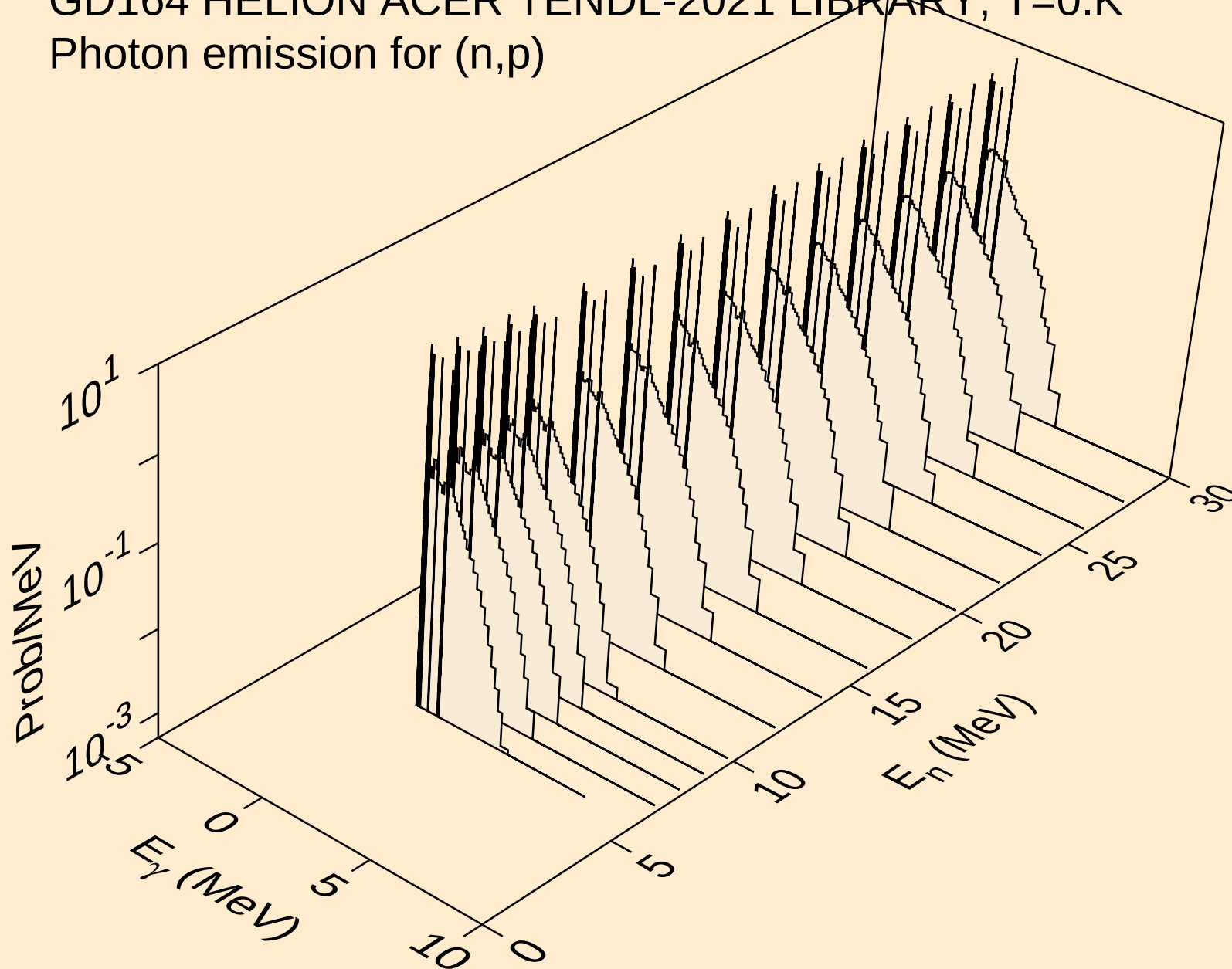
GD164 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,npa)



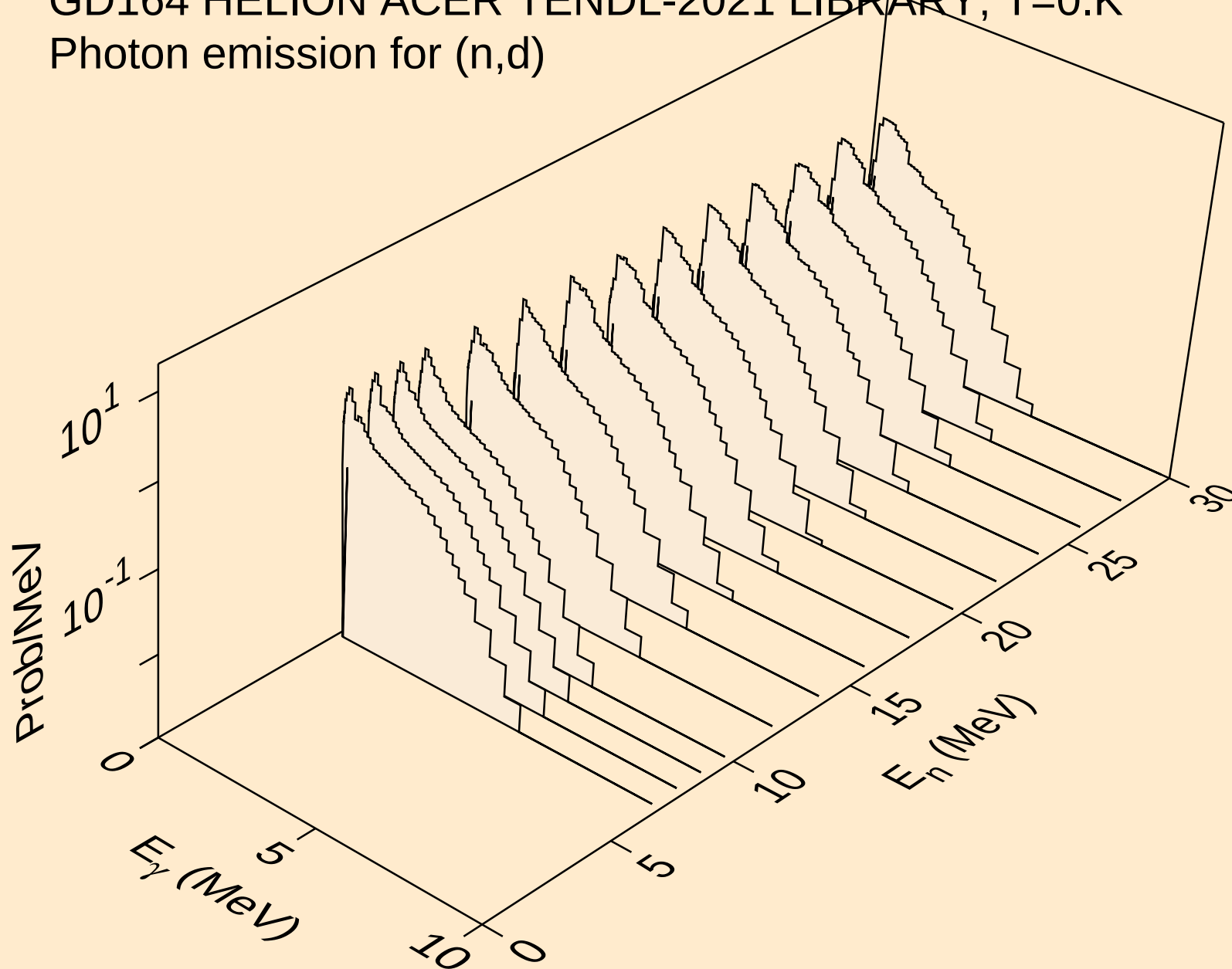
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Photon emission for (n,gma)



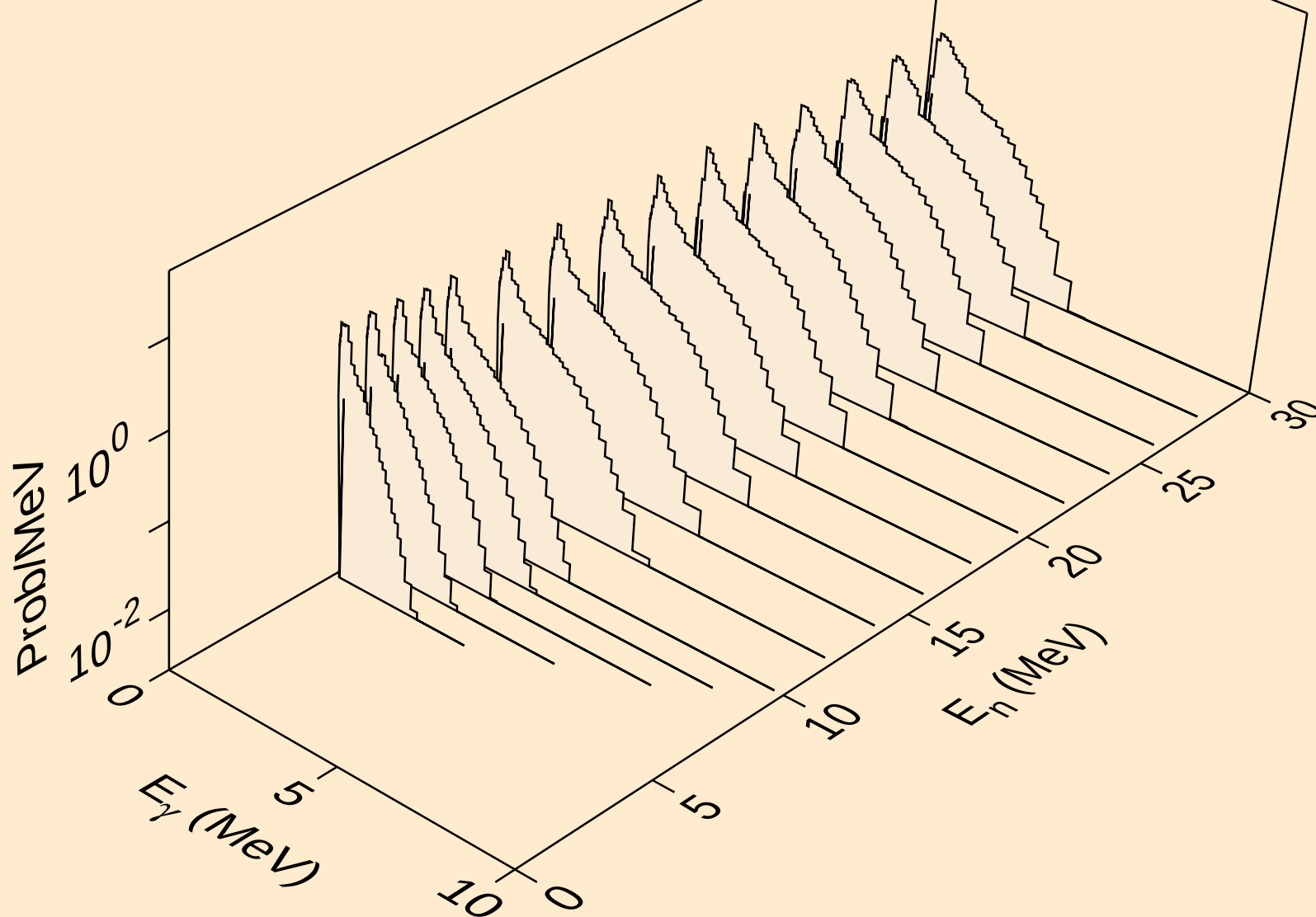
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Photon emission for (n,p)



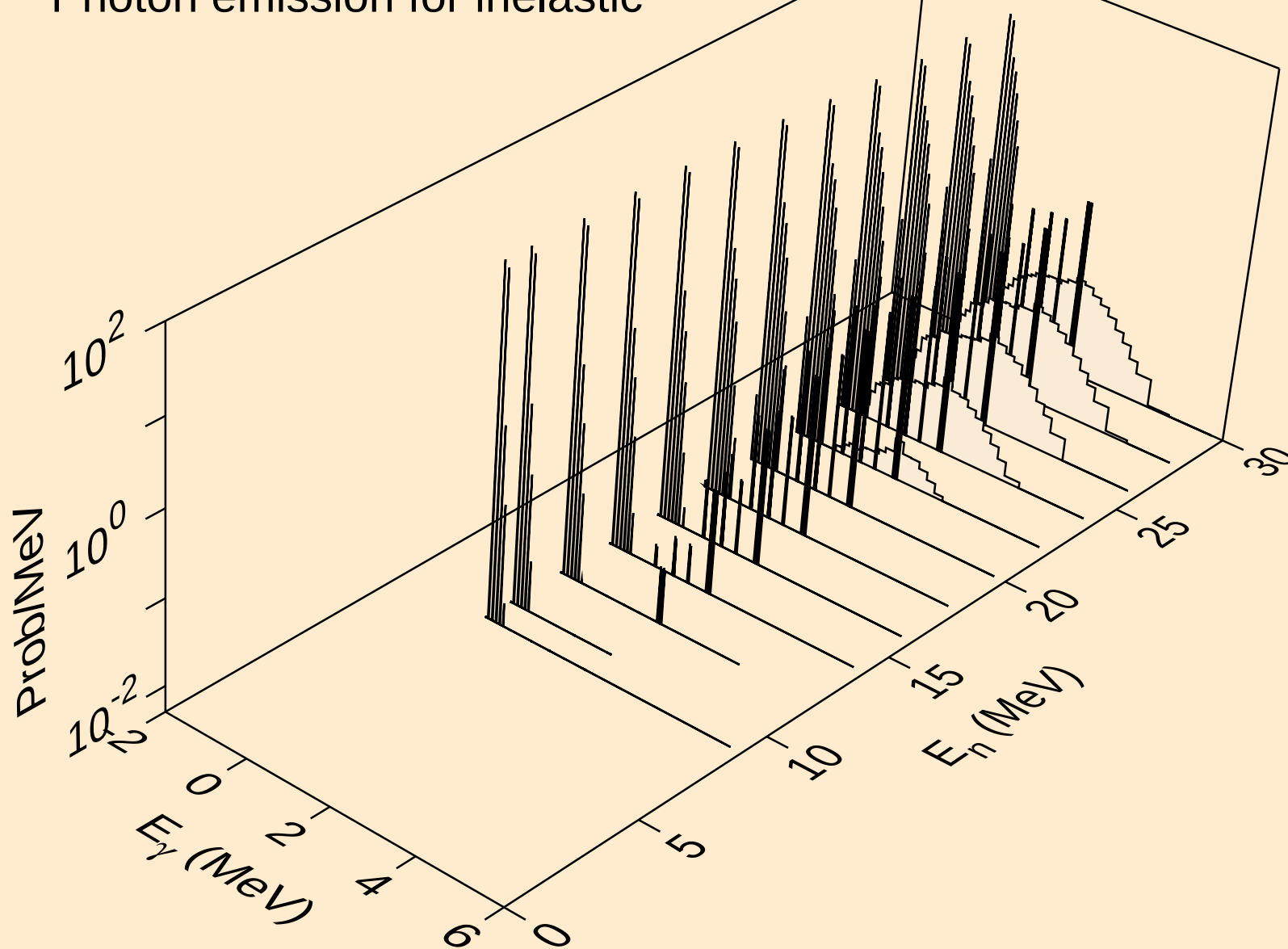
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Photon emission for (n,d)



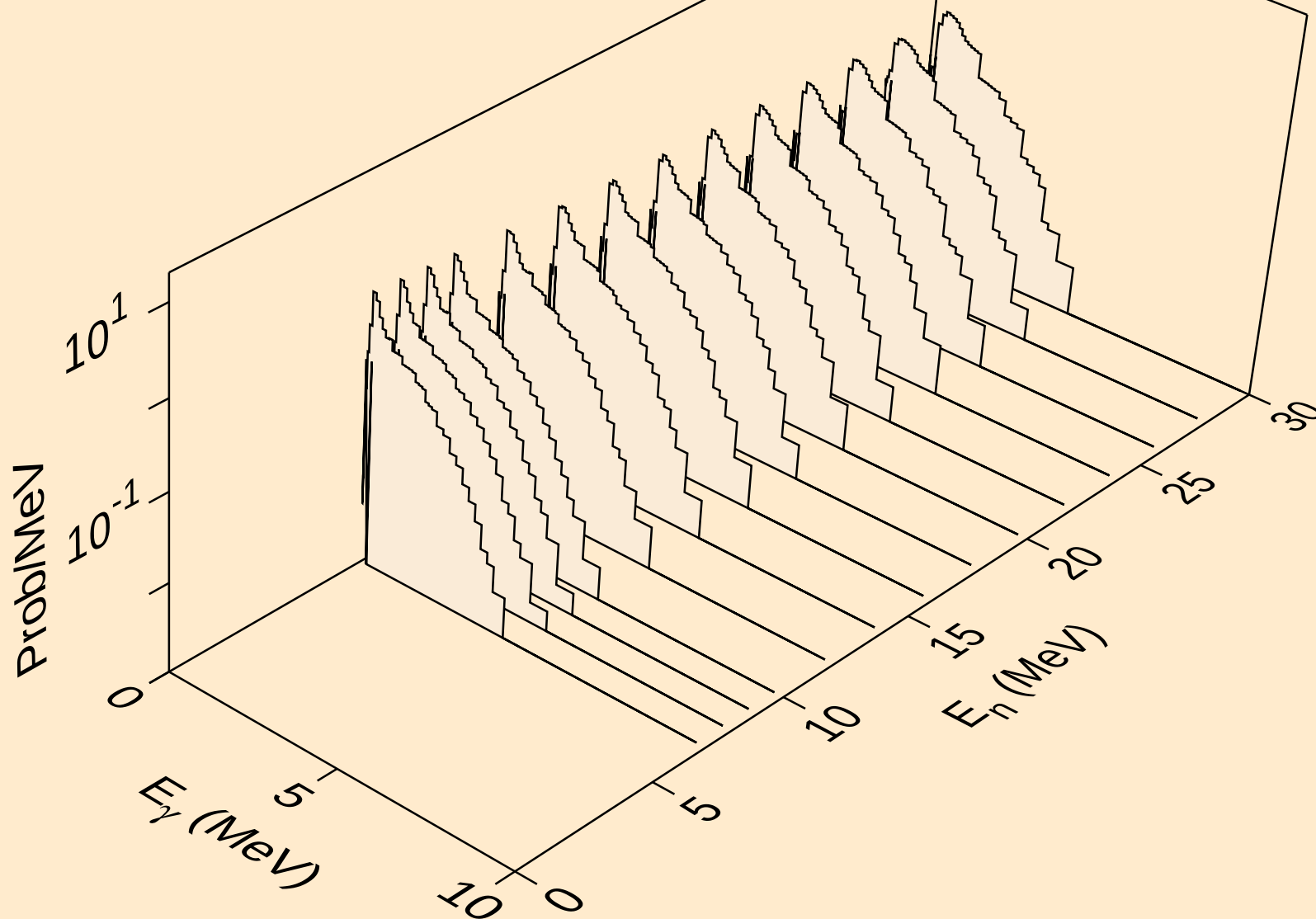
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Photon emission for (n,t)



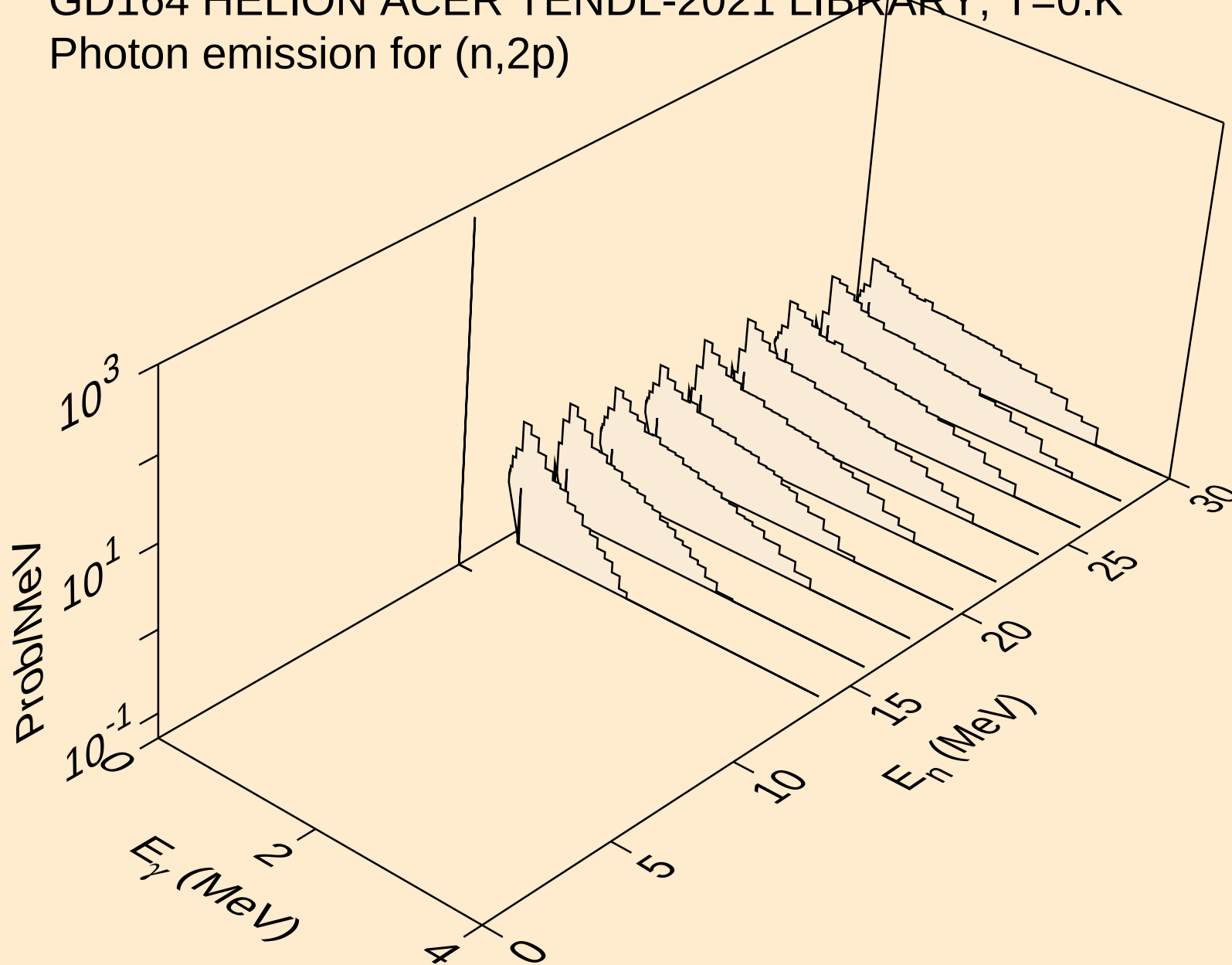
GD164 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



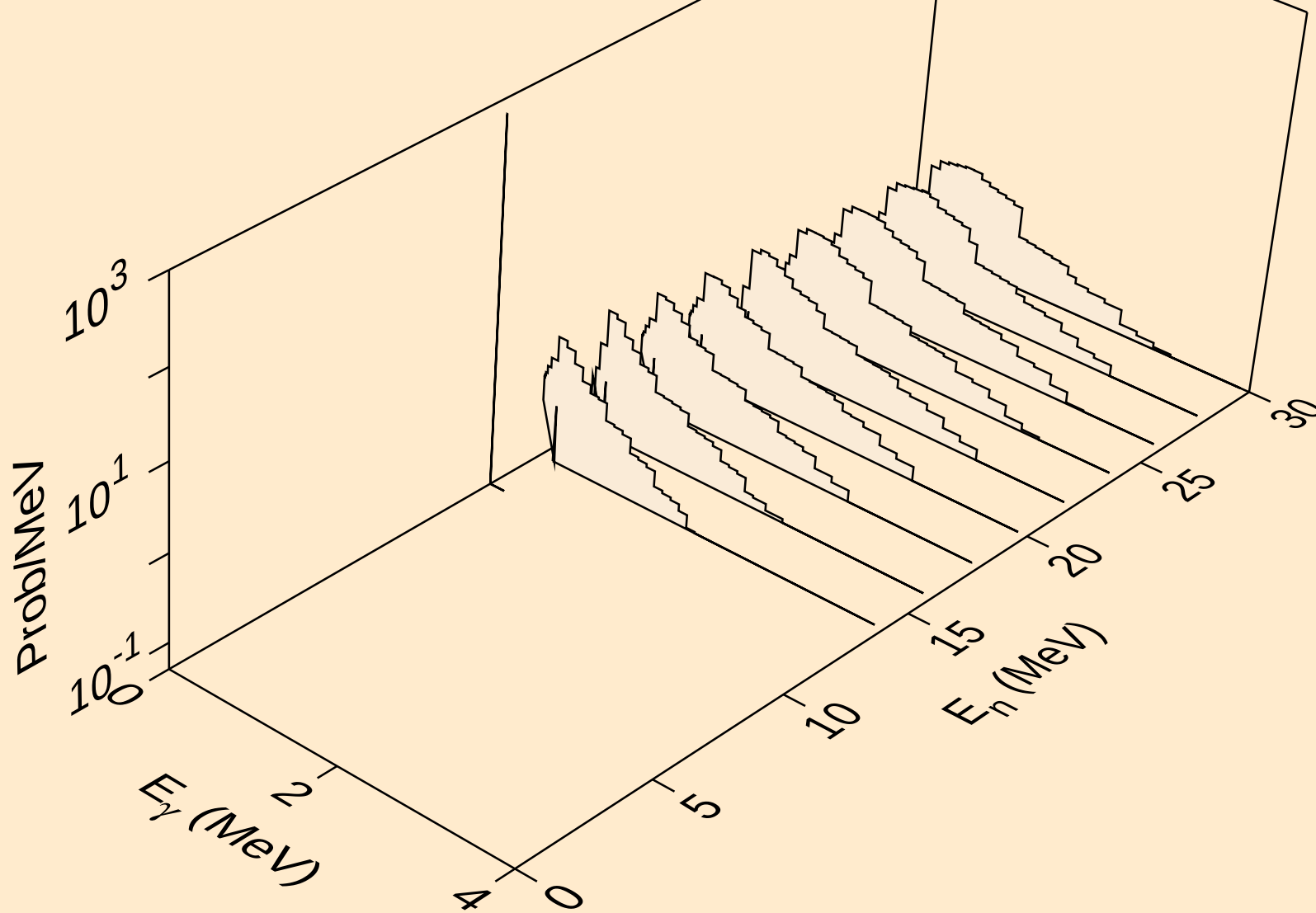
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Photon emission for (n,a)



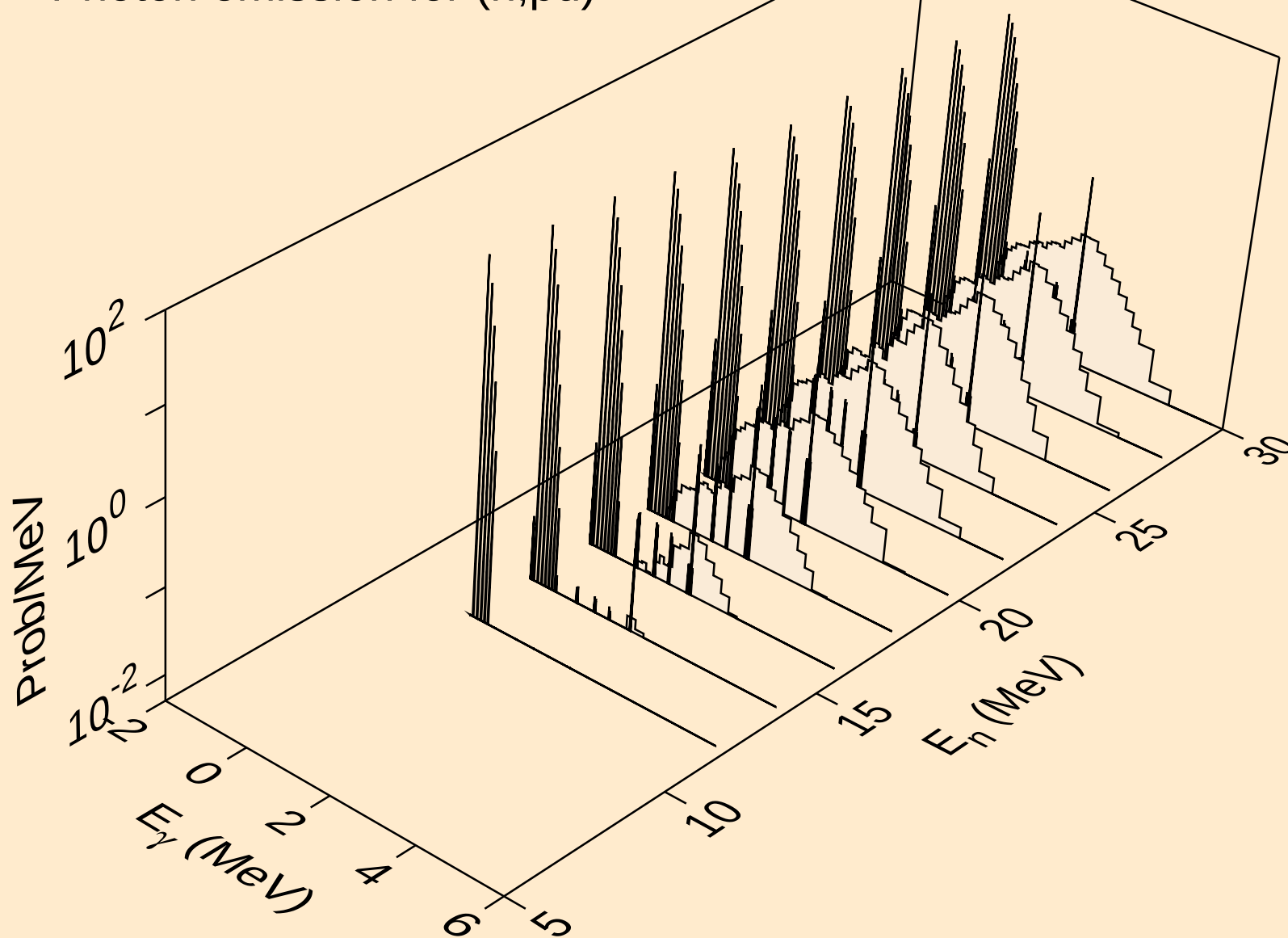
GD164 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)



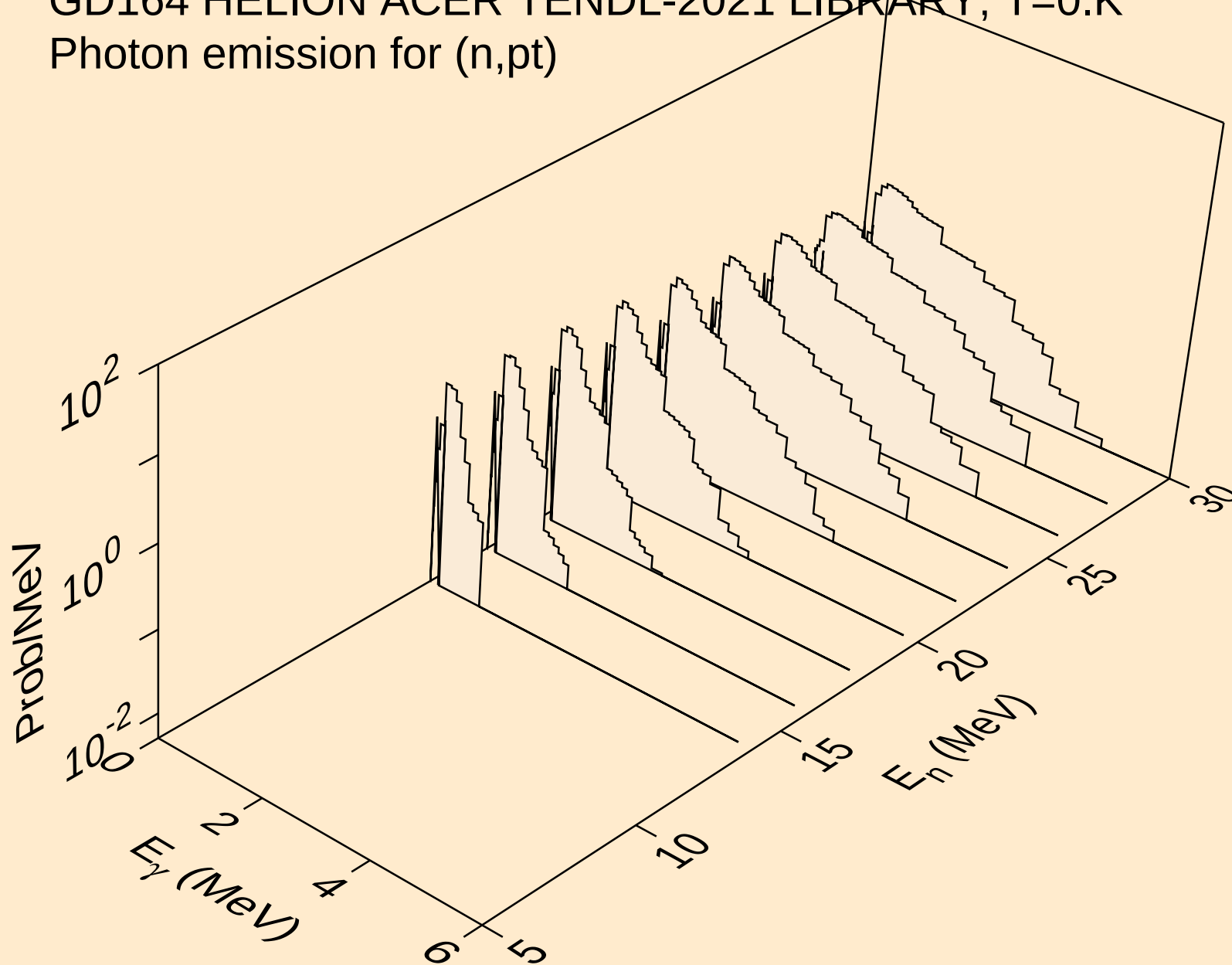
GD164 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



GD164 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)

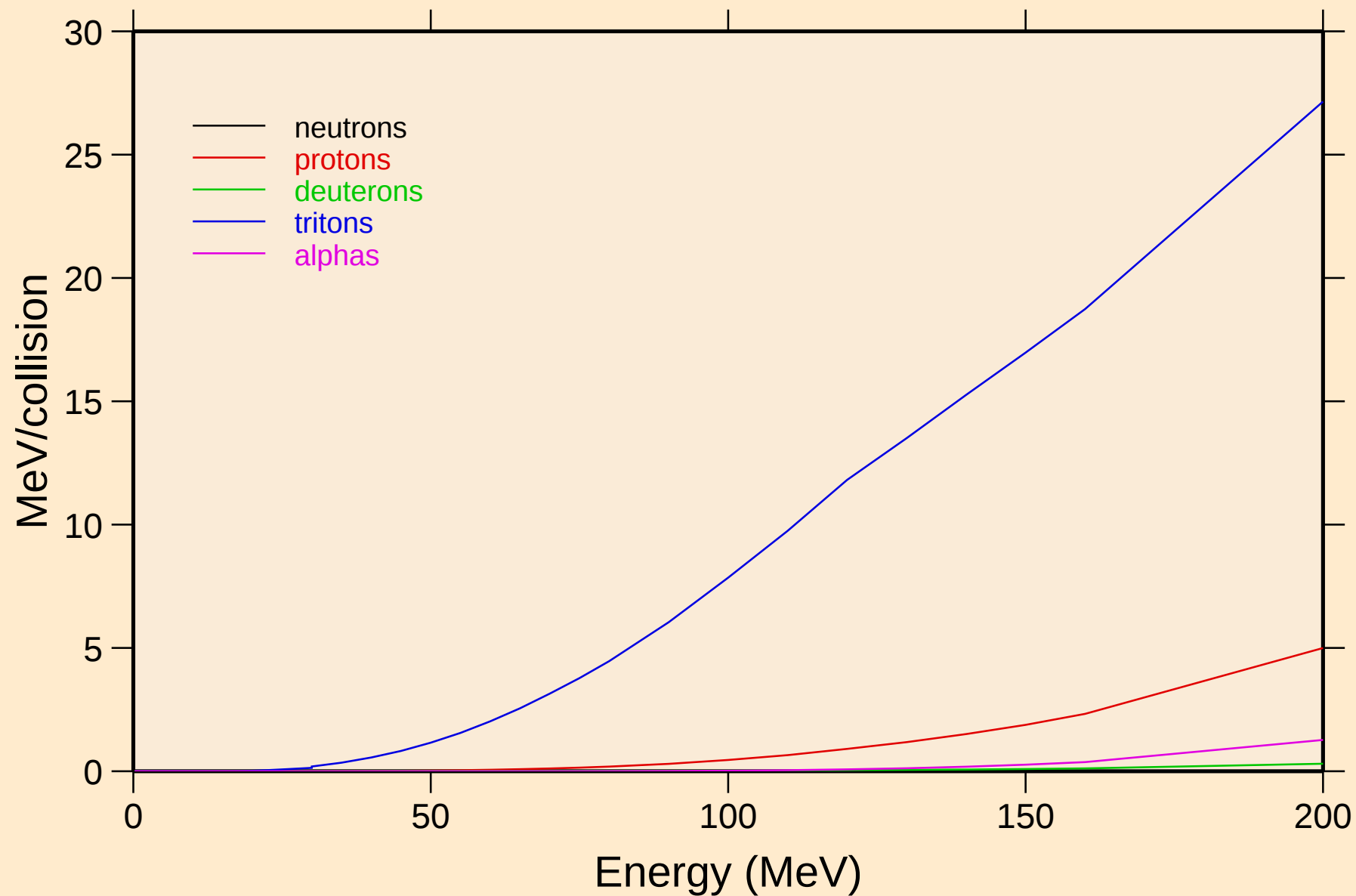


GD164 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)



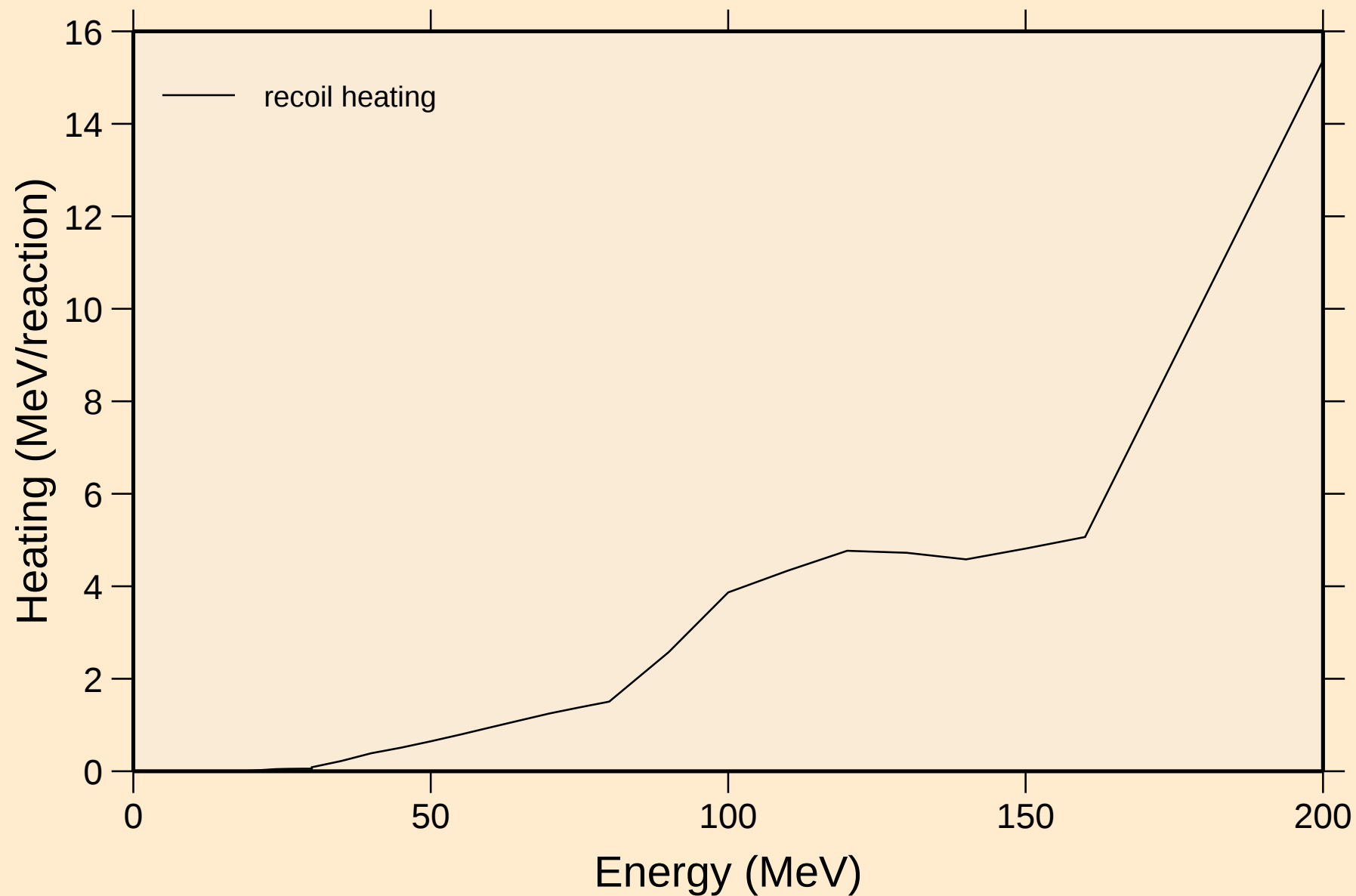
# GD164 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Particle heating contributions



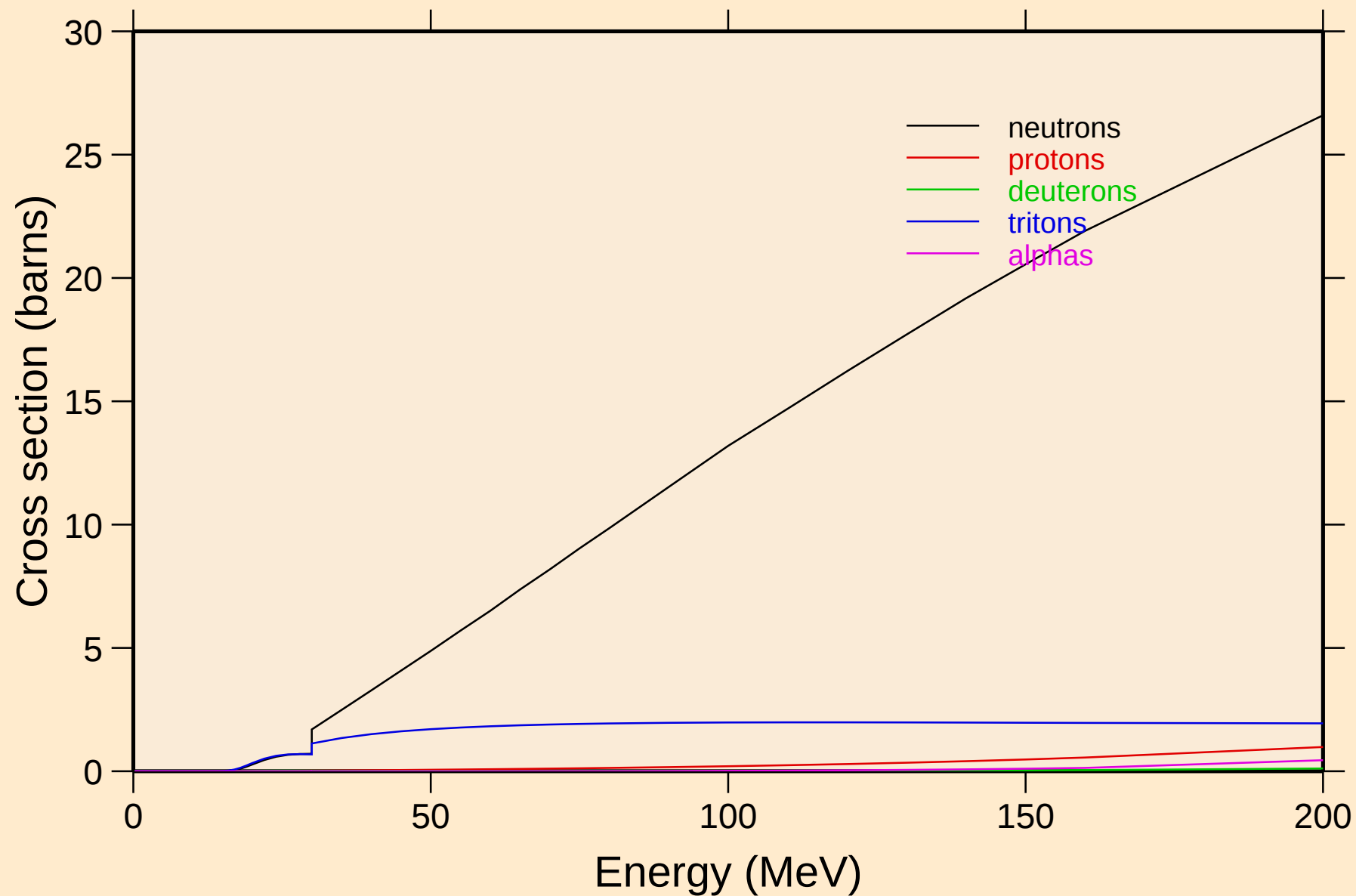
GD164 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Recoil Heating

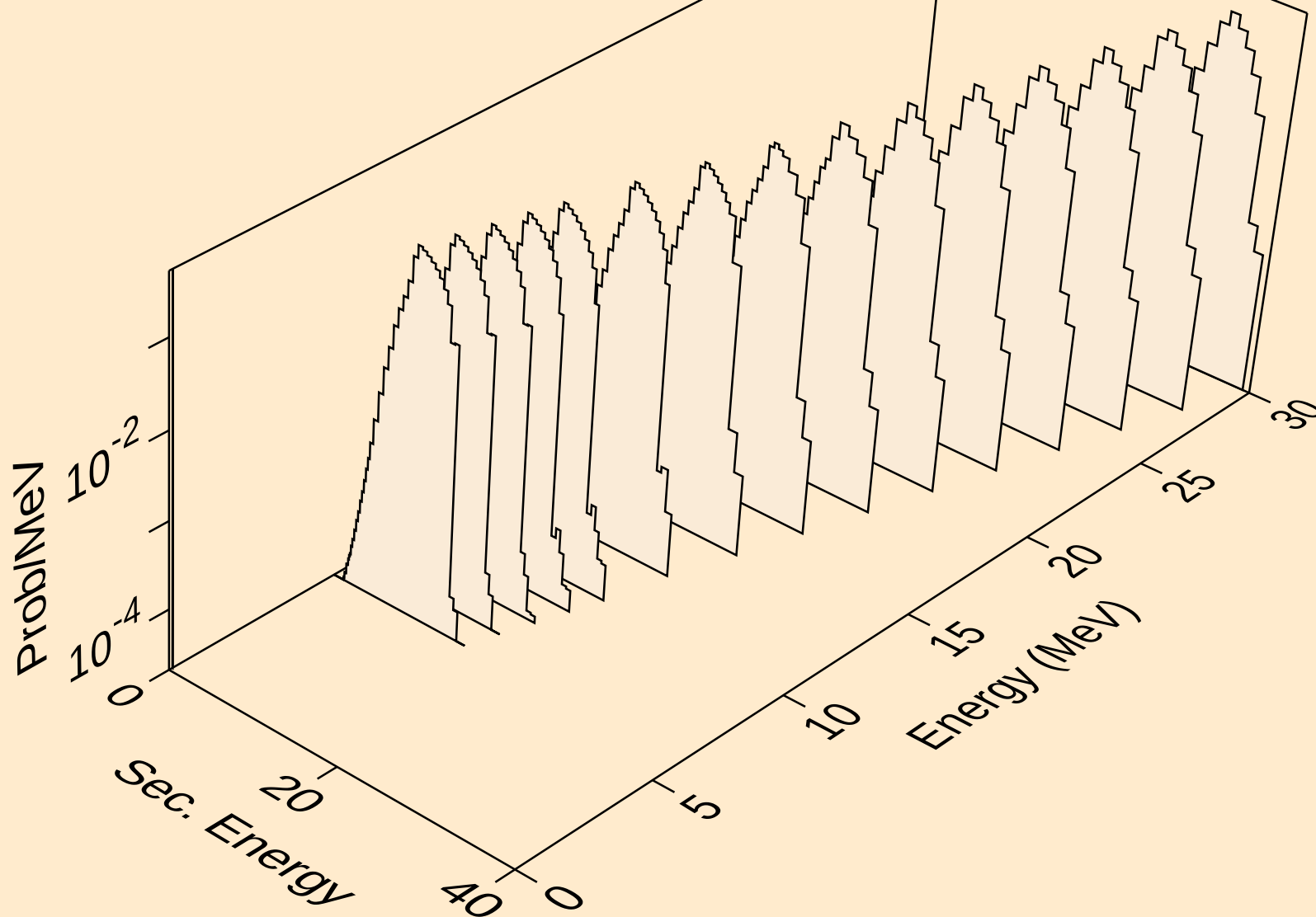


# GD164 HELION ACER TENDL-2021 LIBRARY; T=0.K

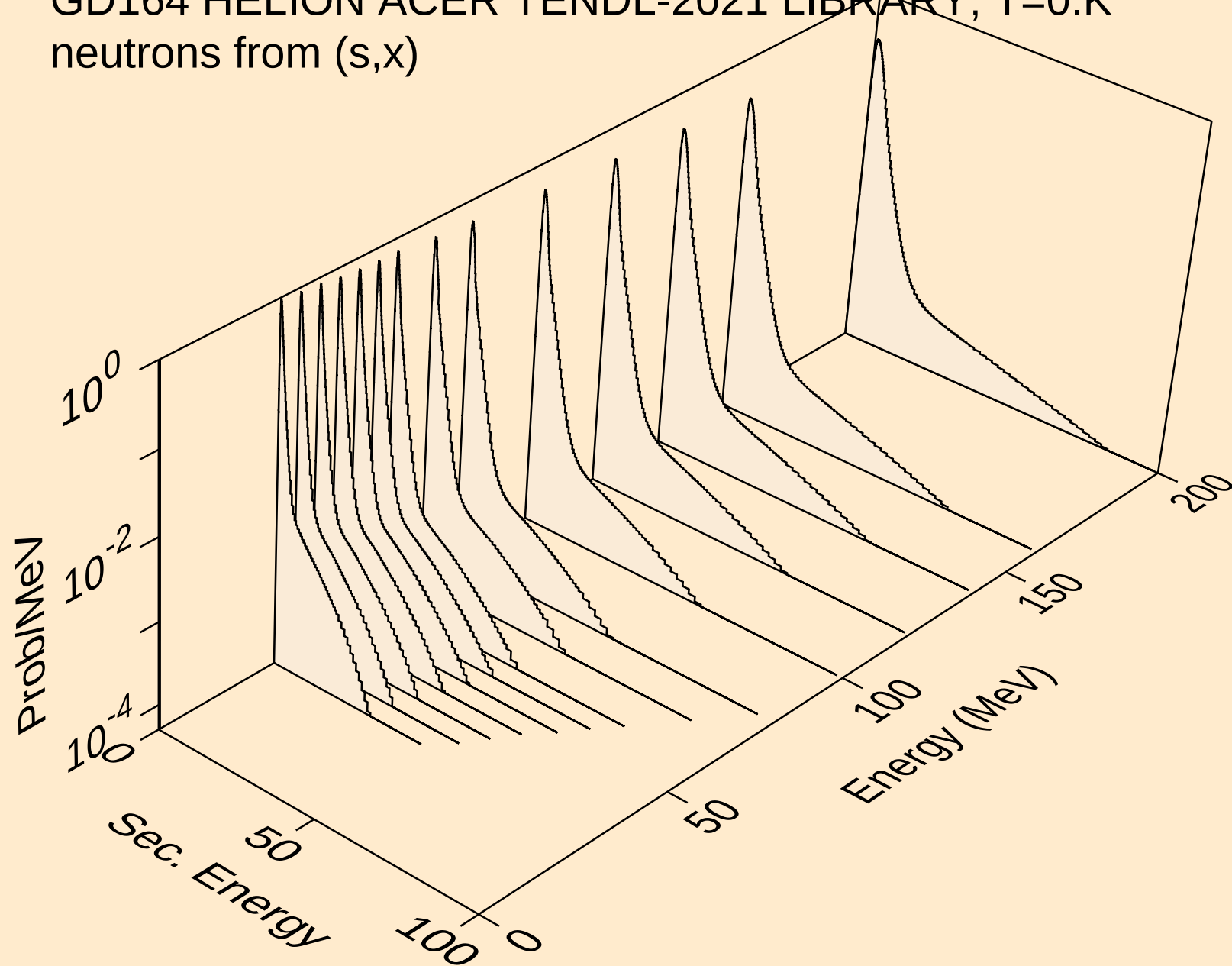
## Particle production cross sections



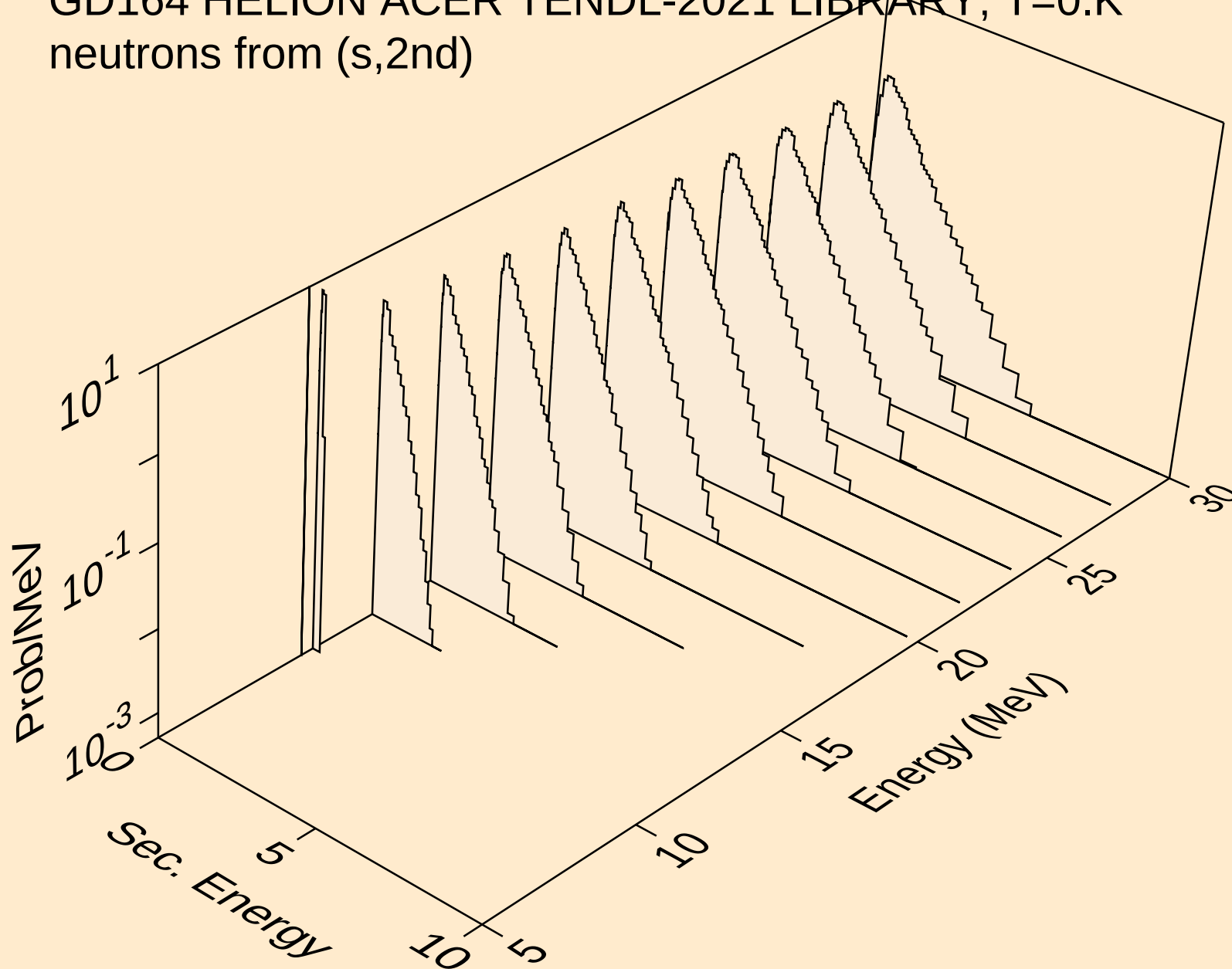
GD164 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n)



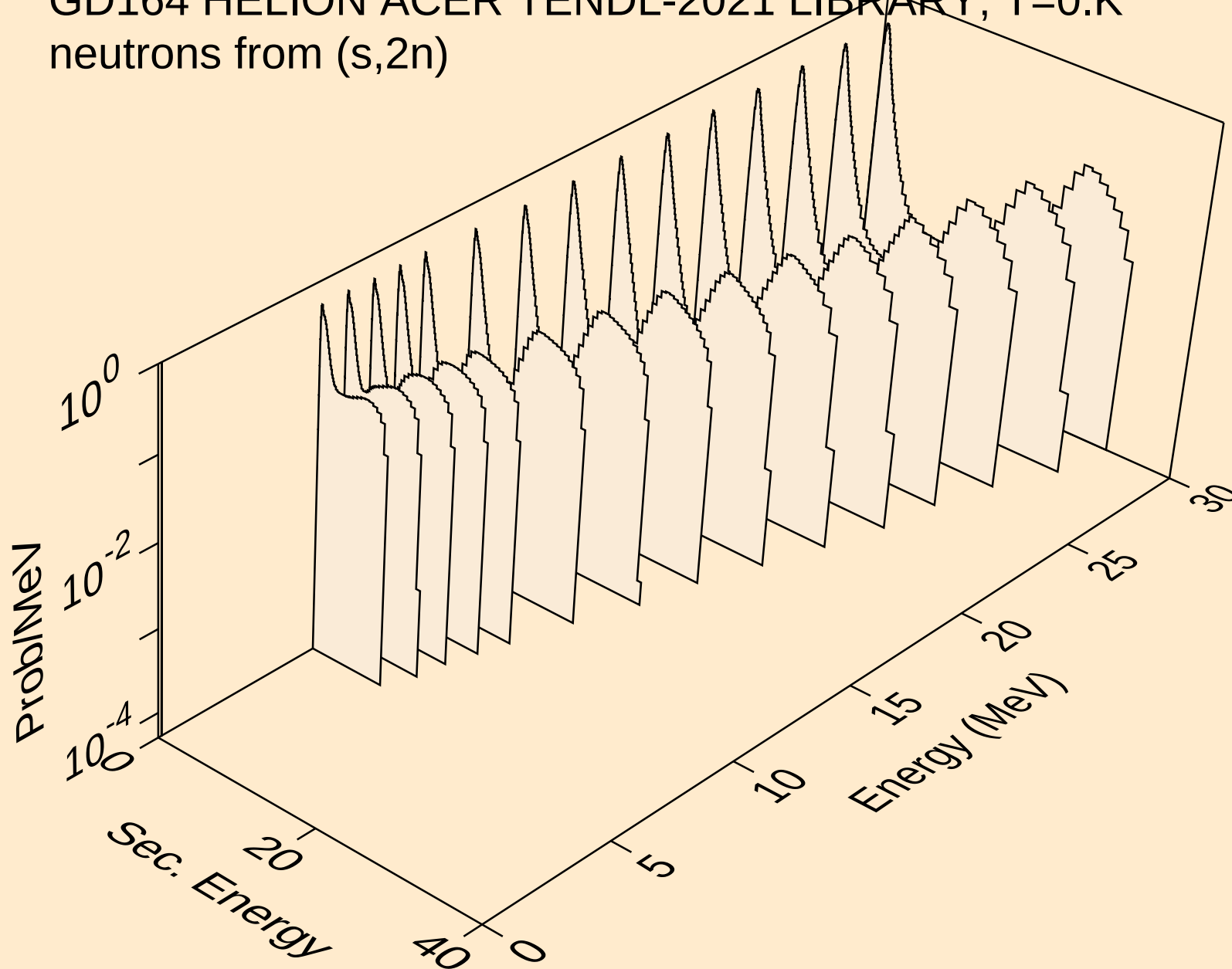
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neutrons from (s,x)



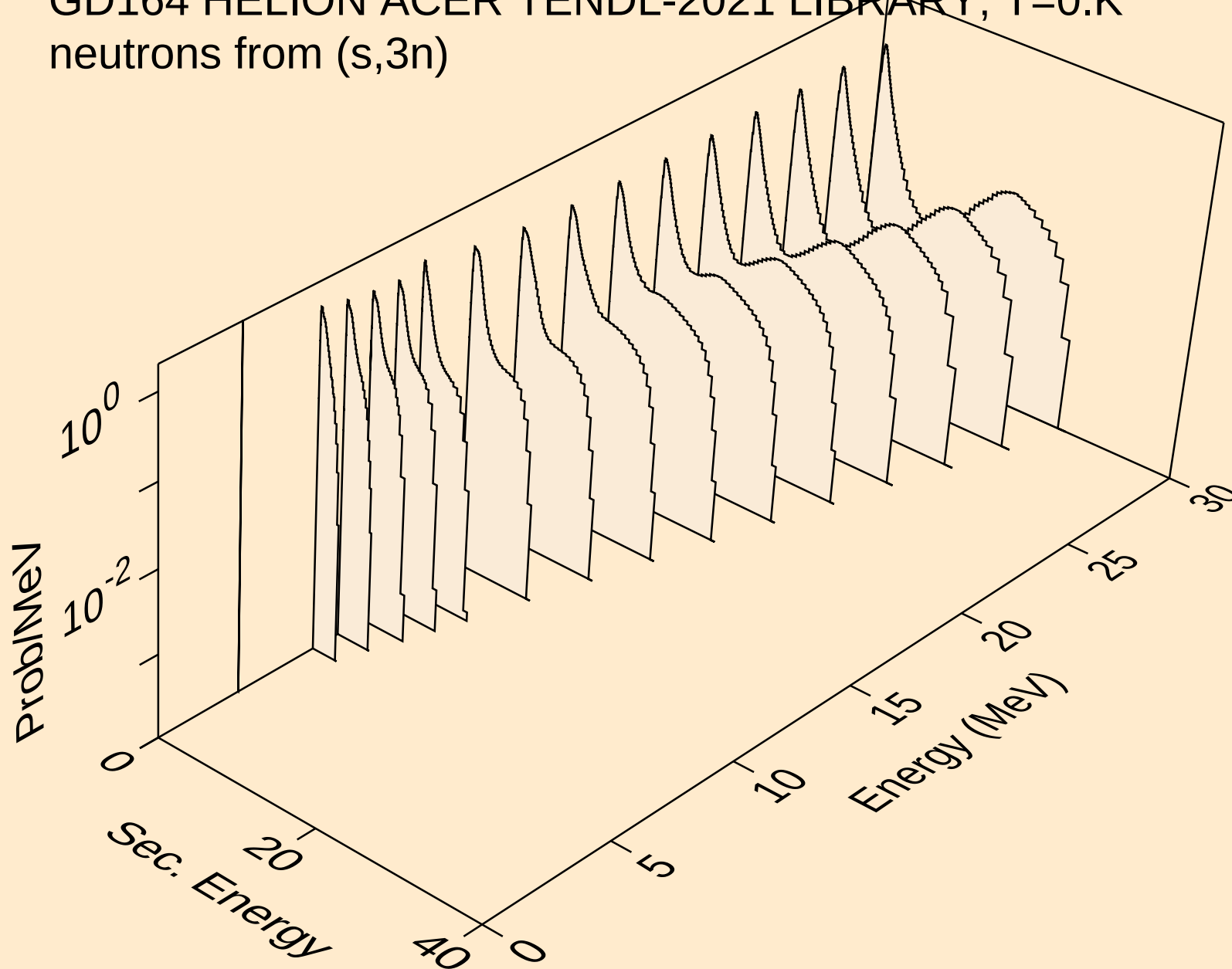
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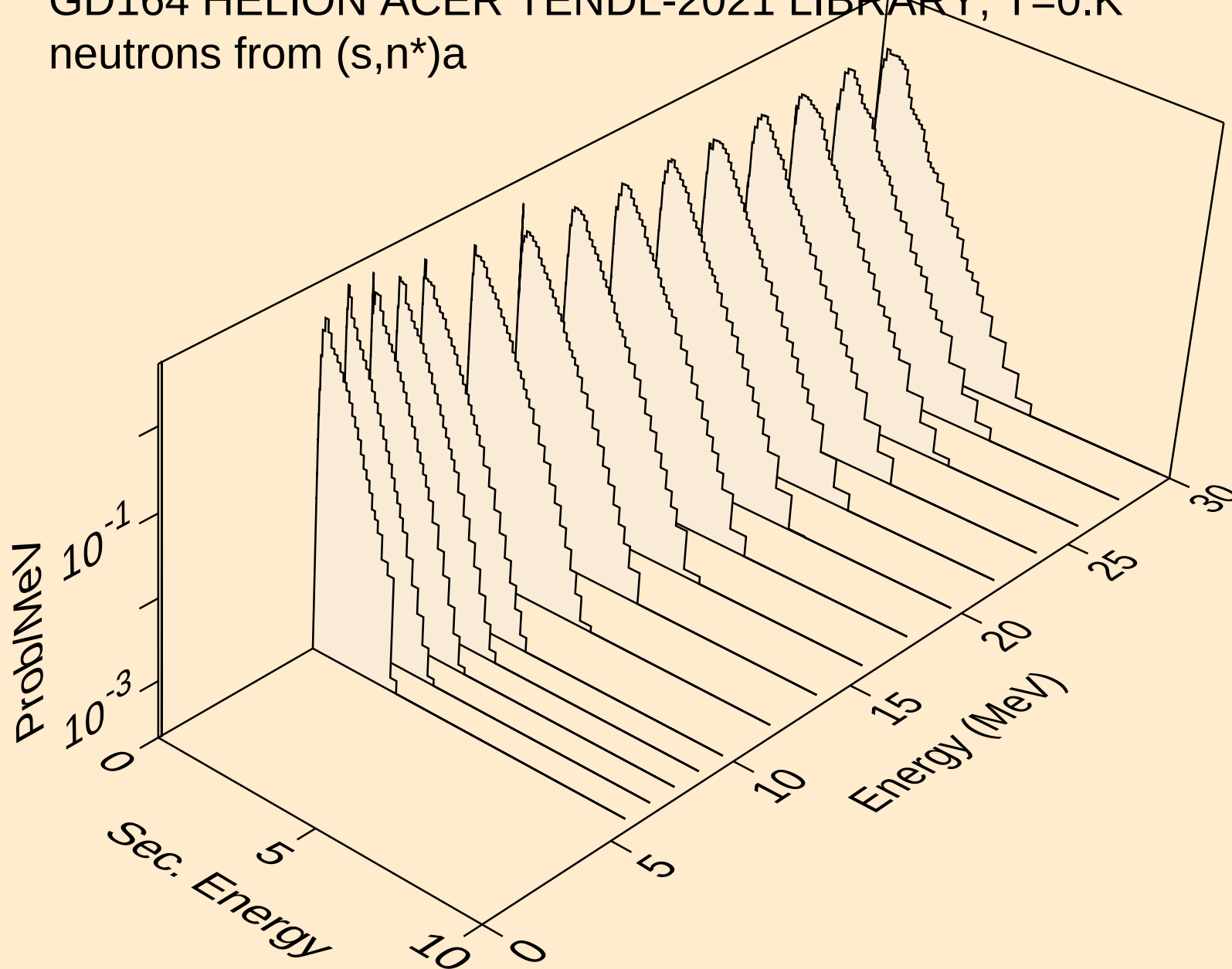
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neutrons from (s,2n)



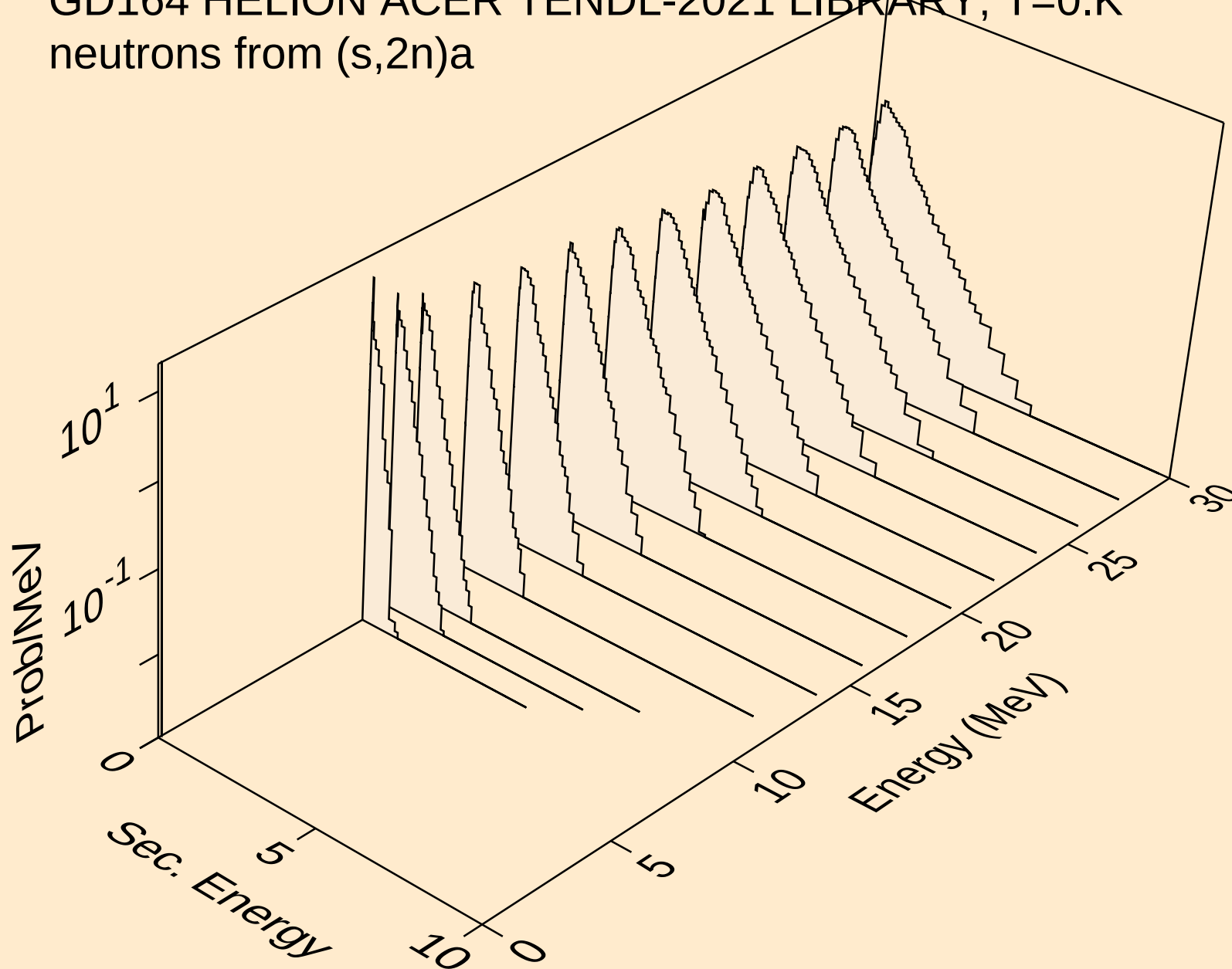
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neutrons from (s,3n)



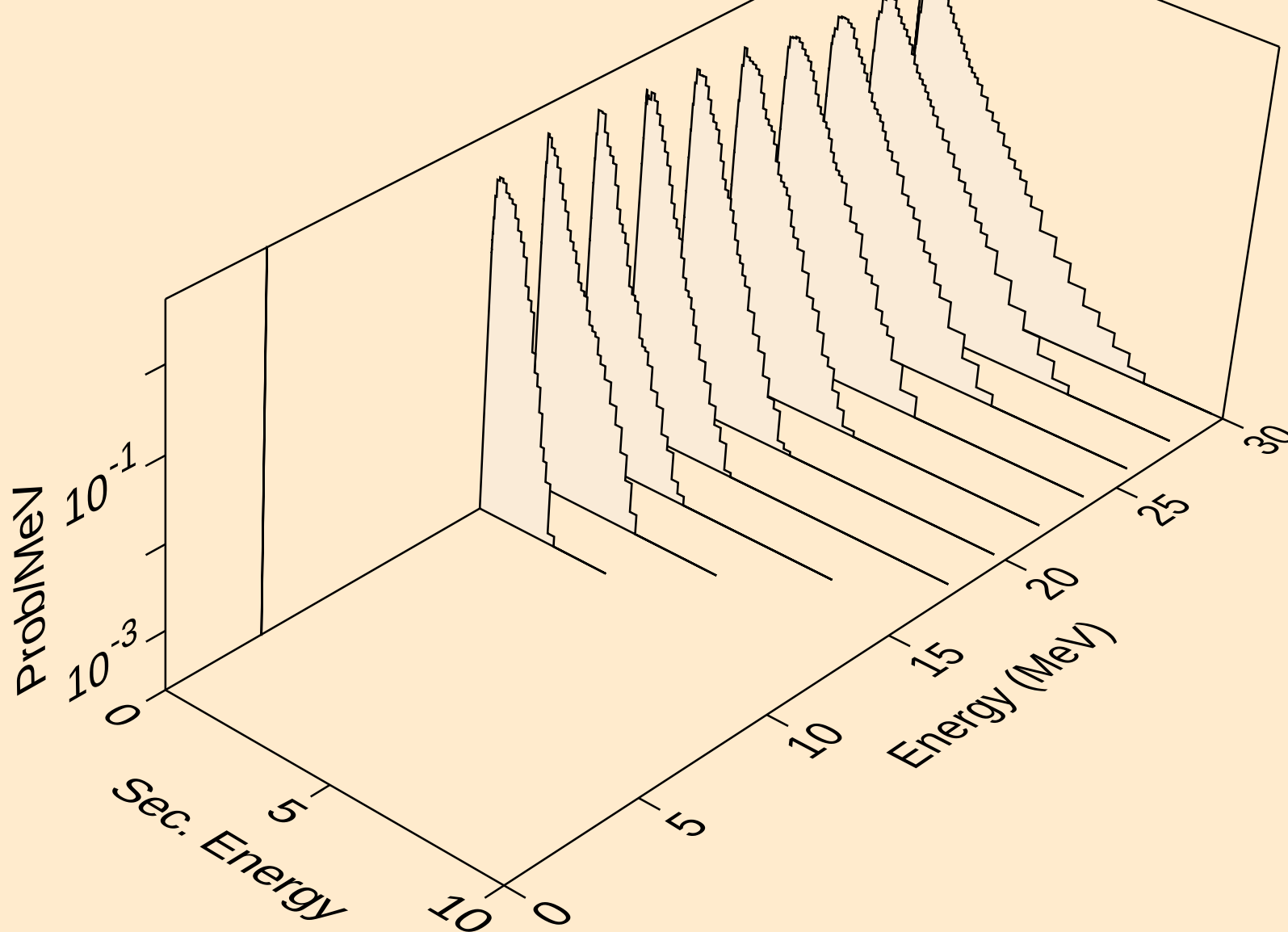
GD164 HELION ACER TENDL-2021 LIBRARY; T=0.K  
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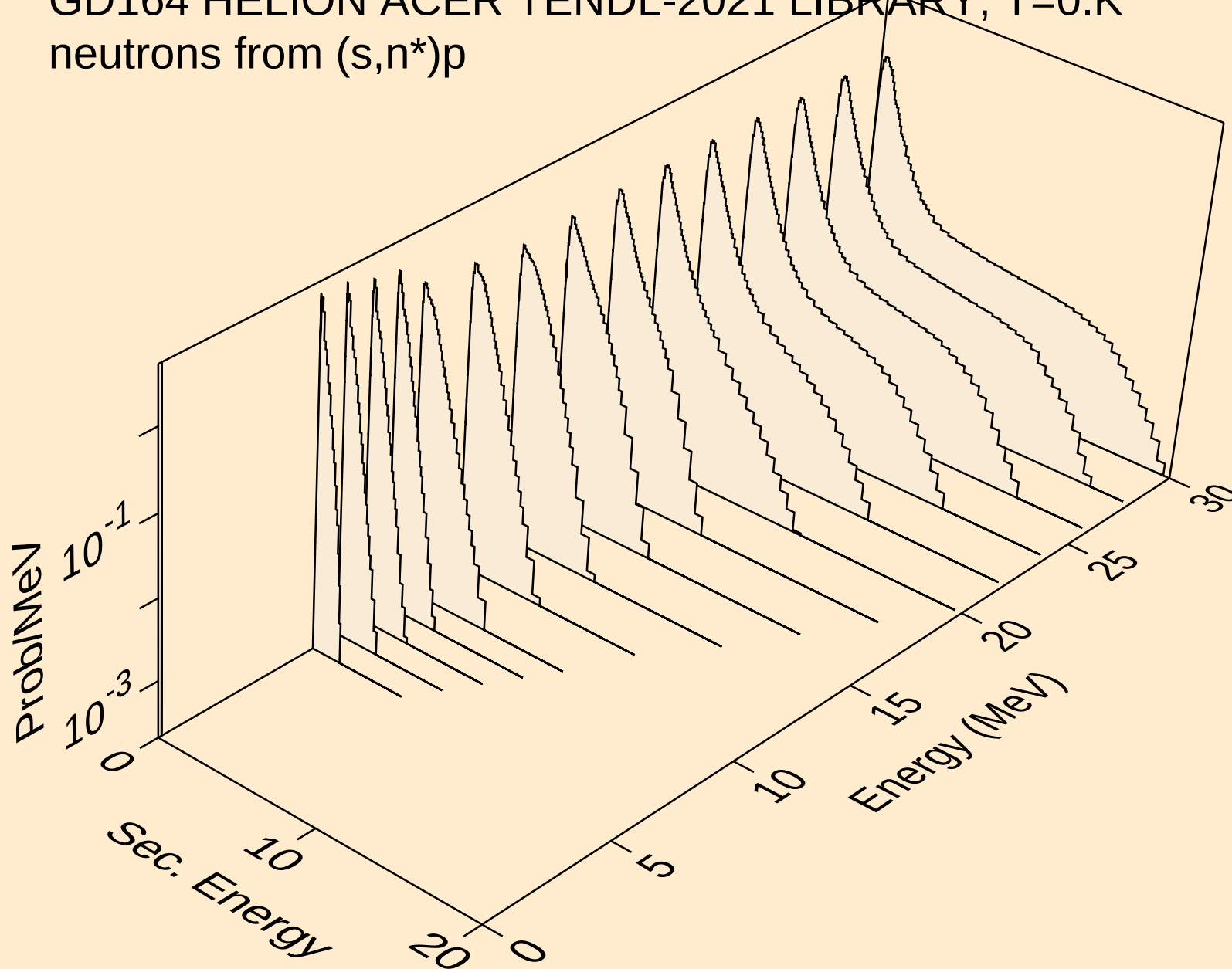
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neutrons from (s,2n)a



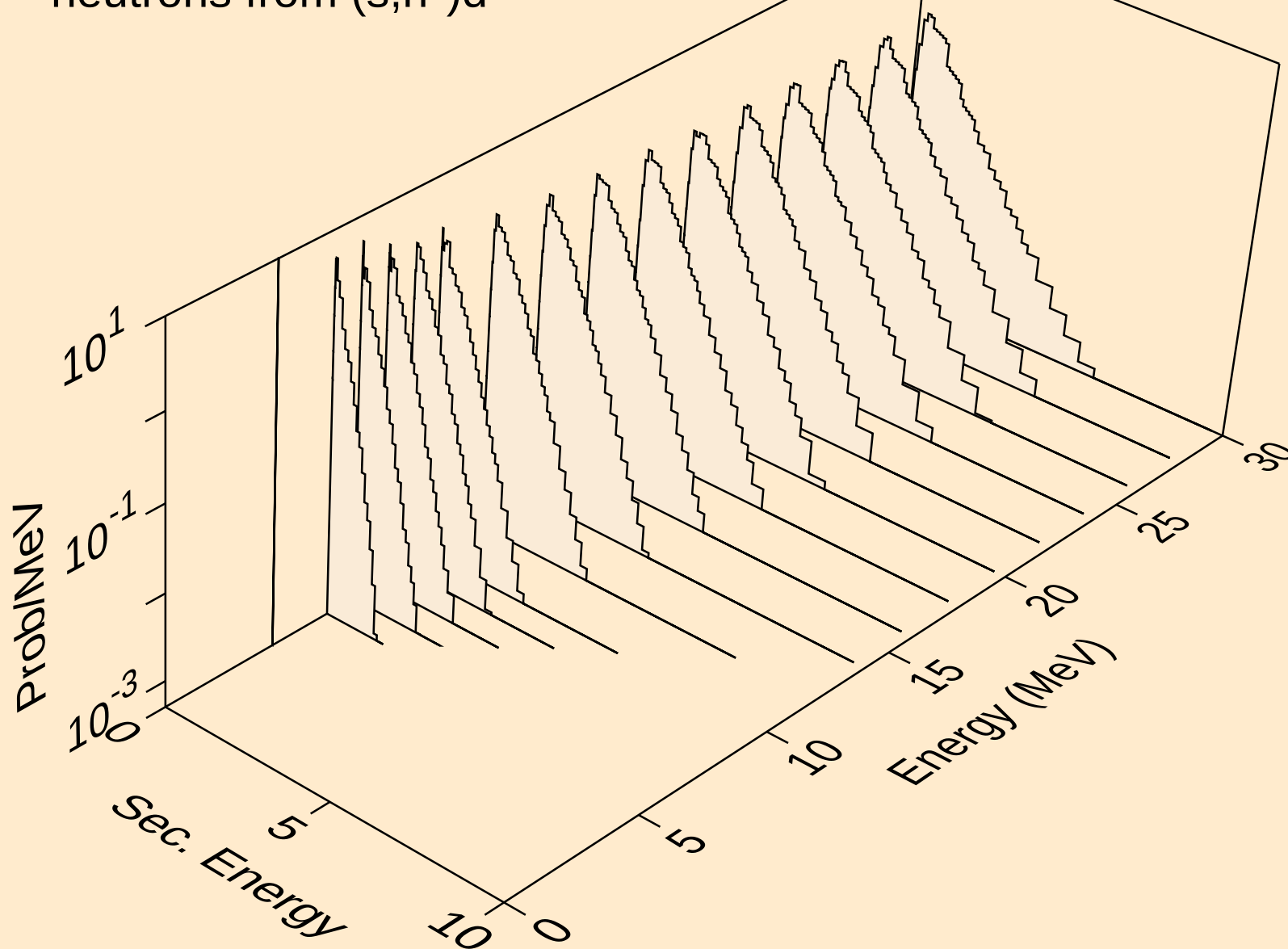
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neutrons from (s,3n)a



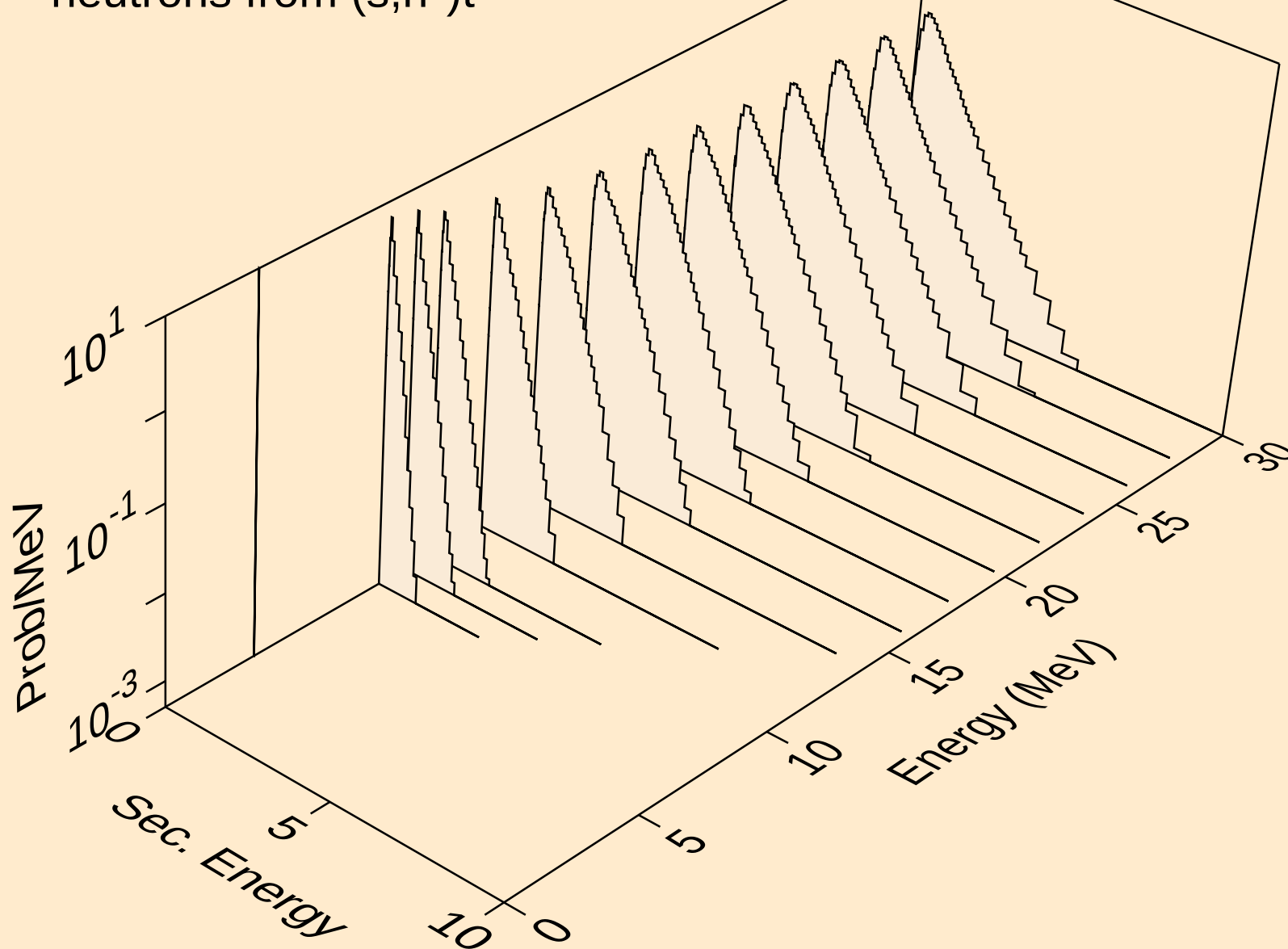
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neutrons from (s,n\*)p



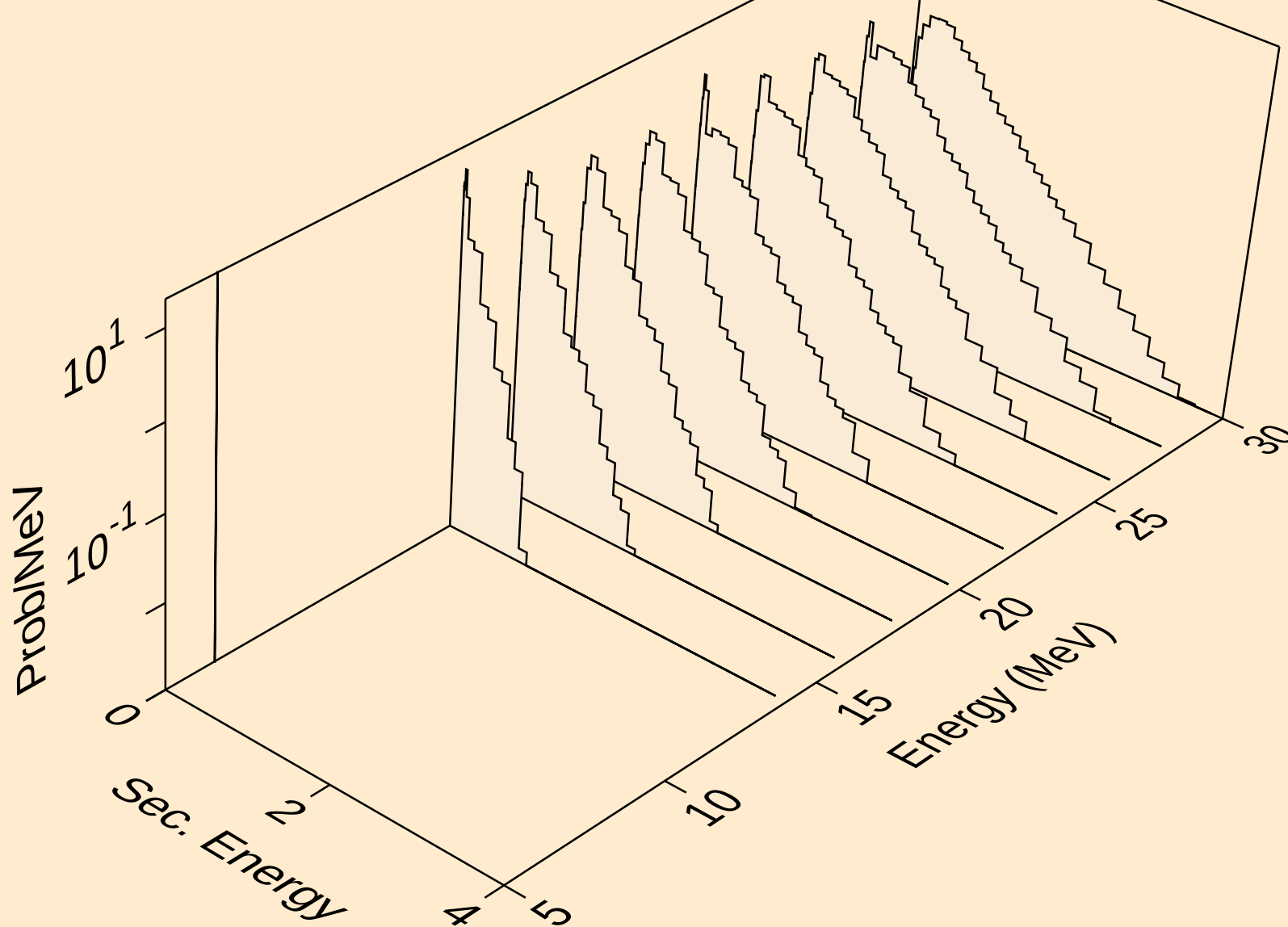
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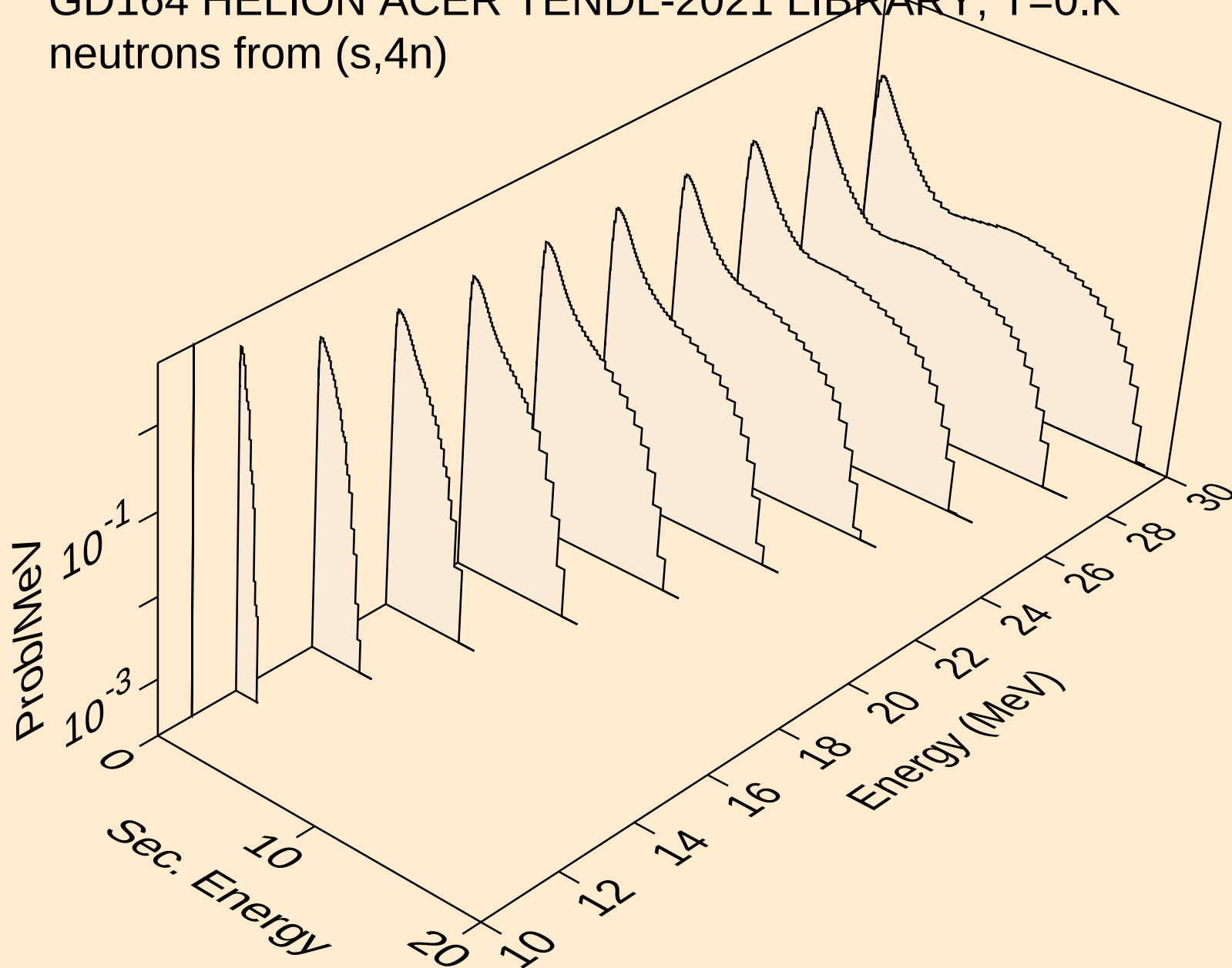
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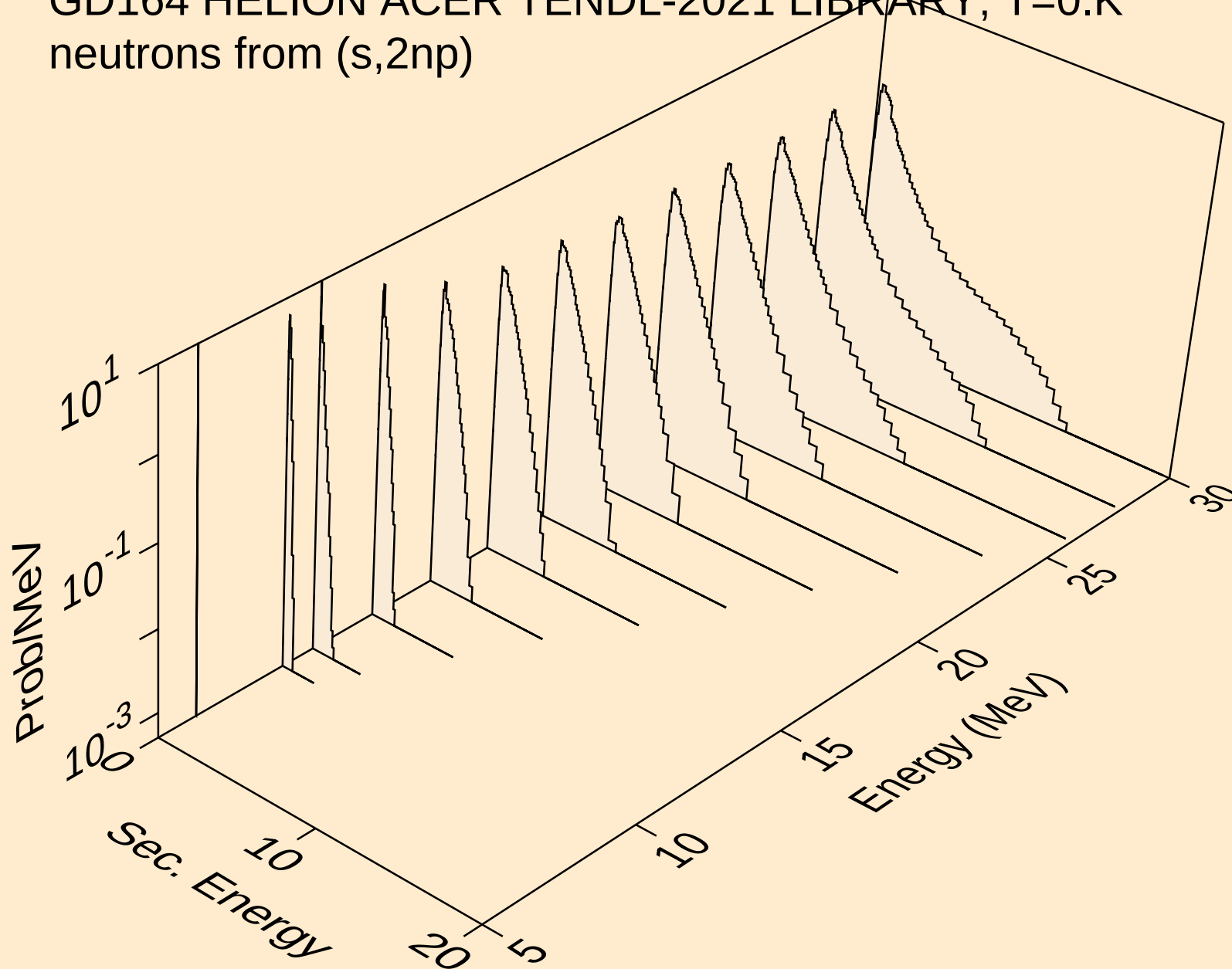
GD164 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



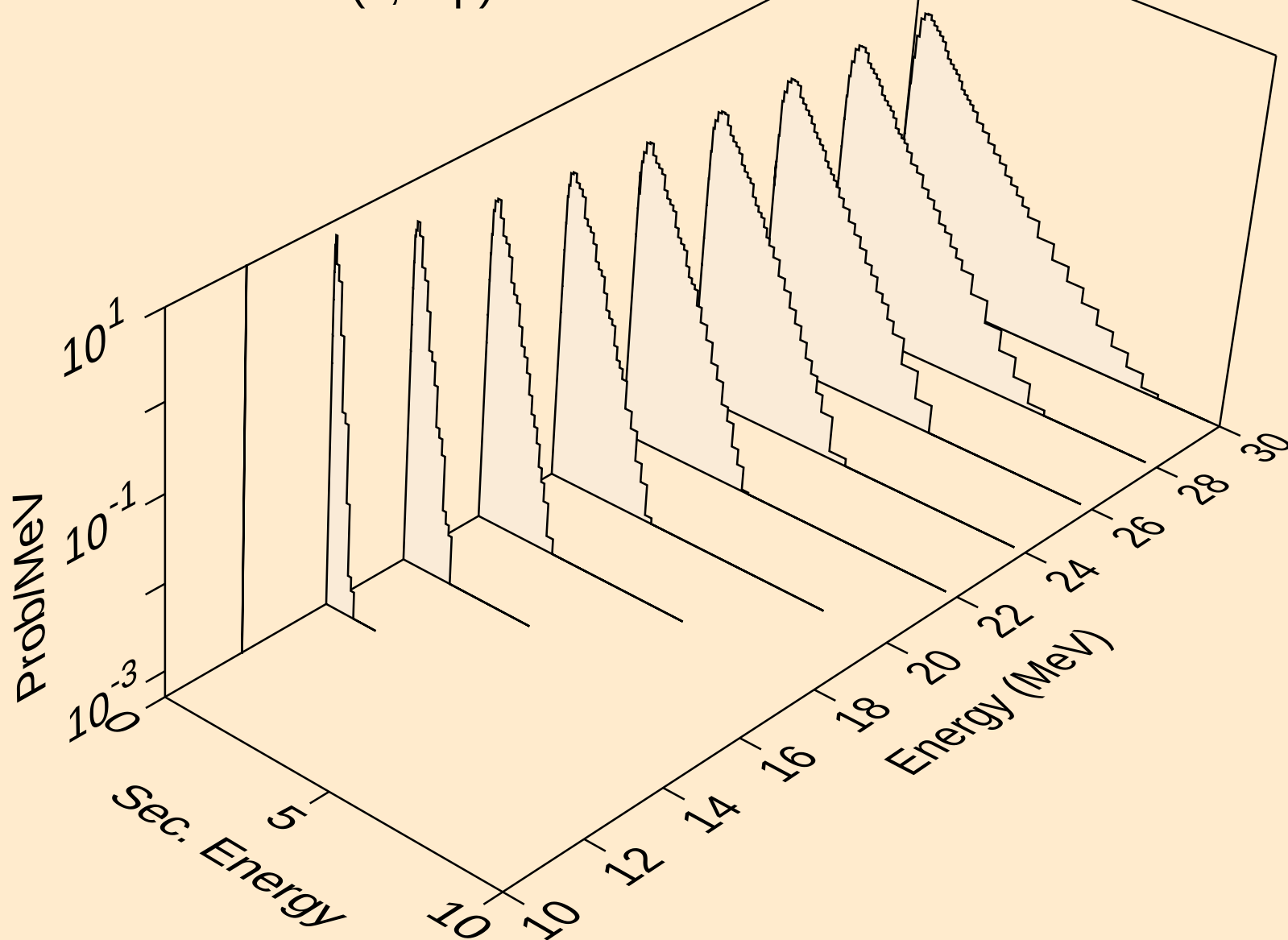
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neutrons from (s,4n)



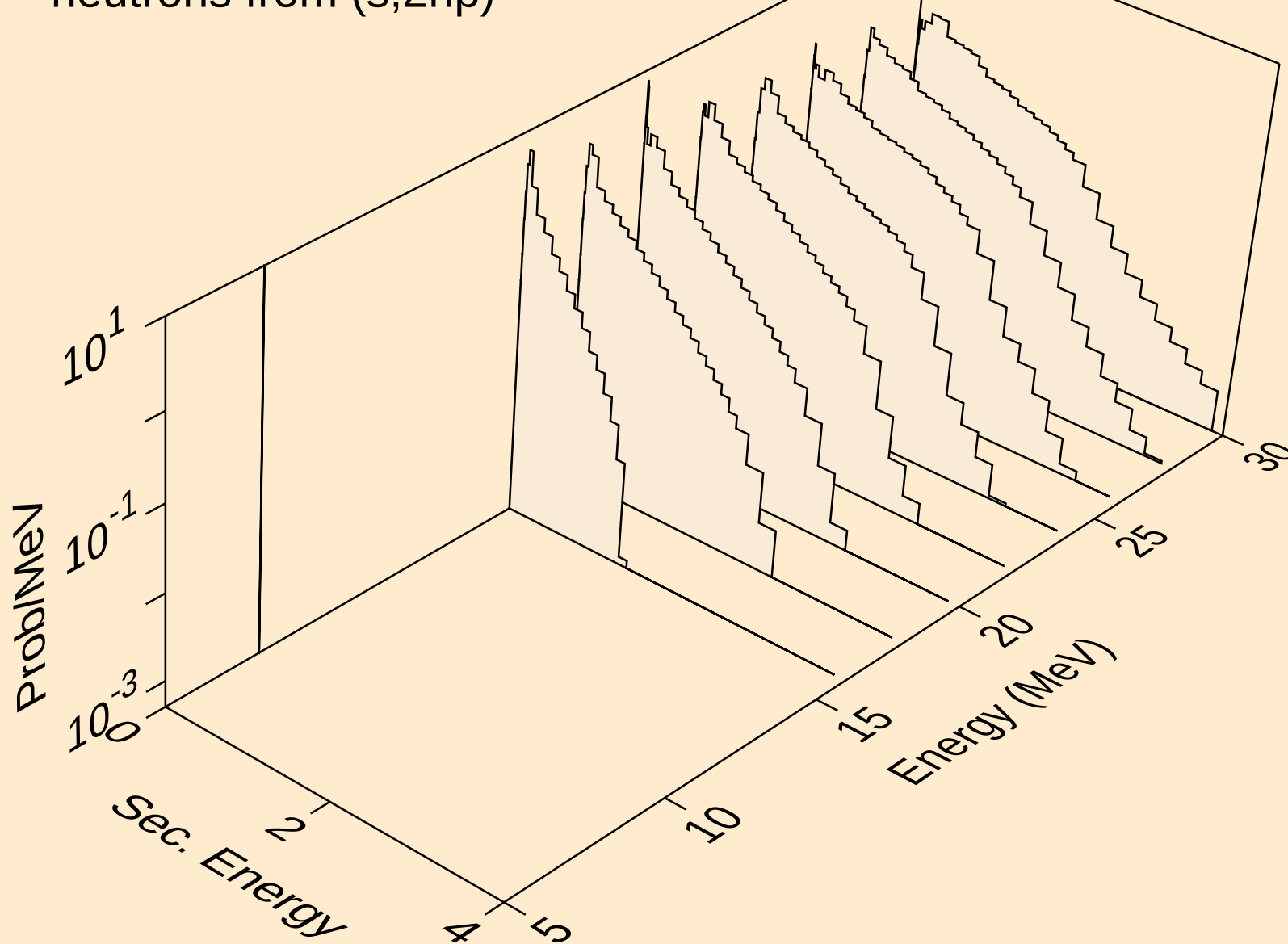
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neutrons from (s,2np)



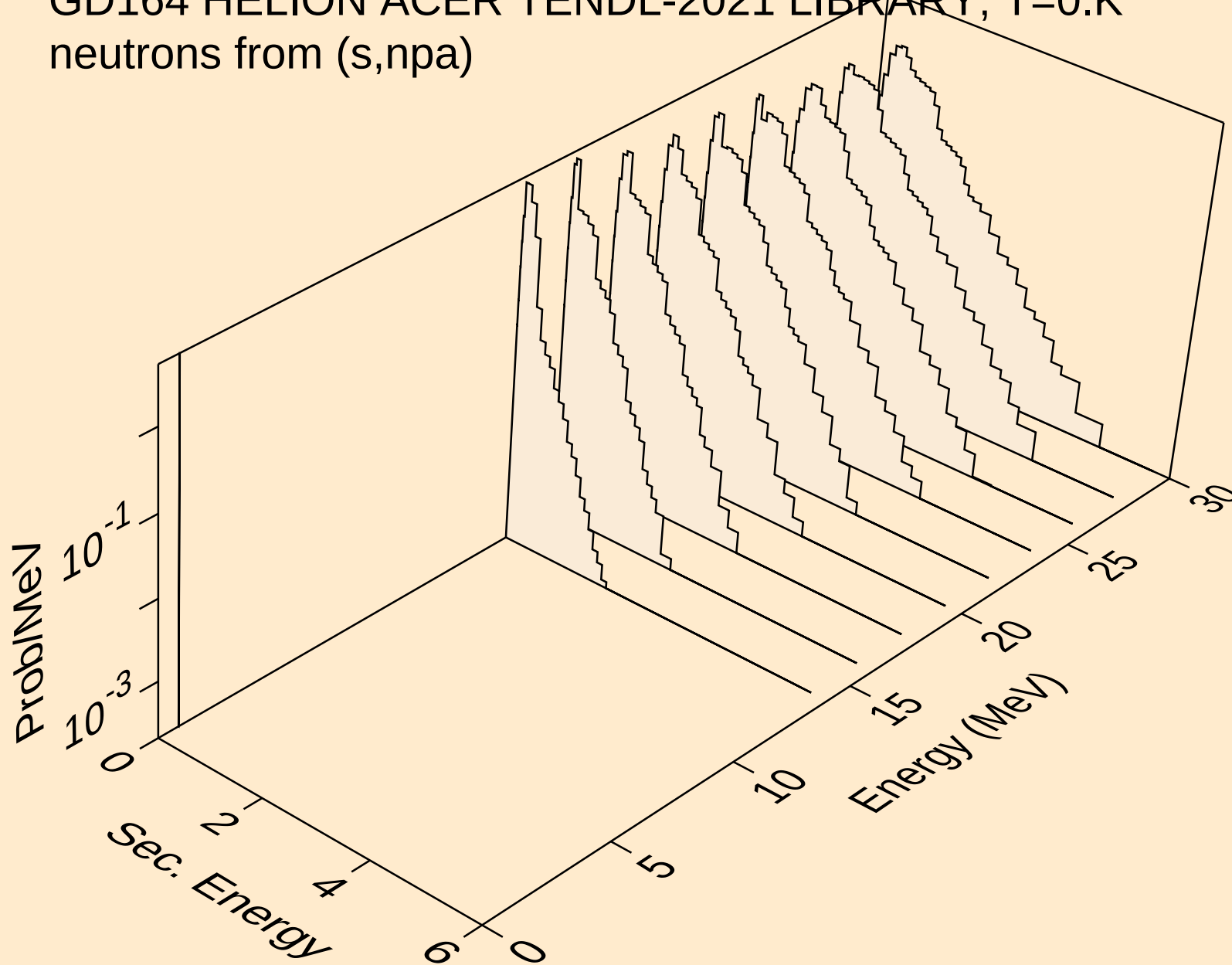
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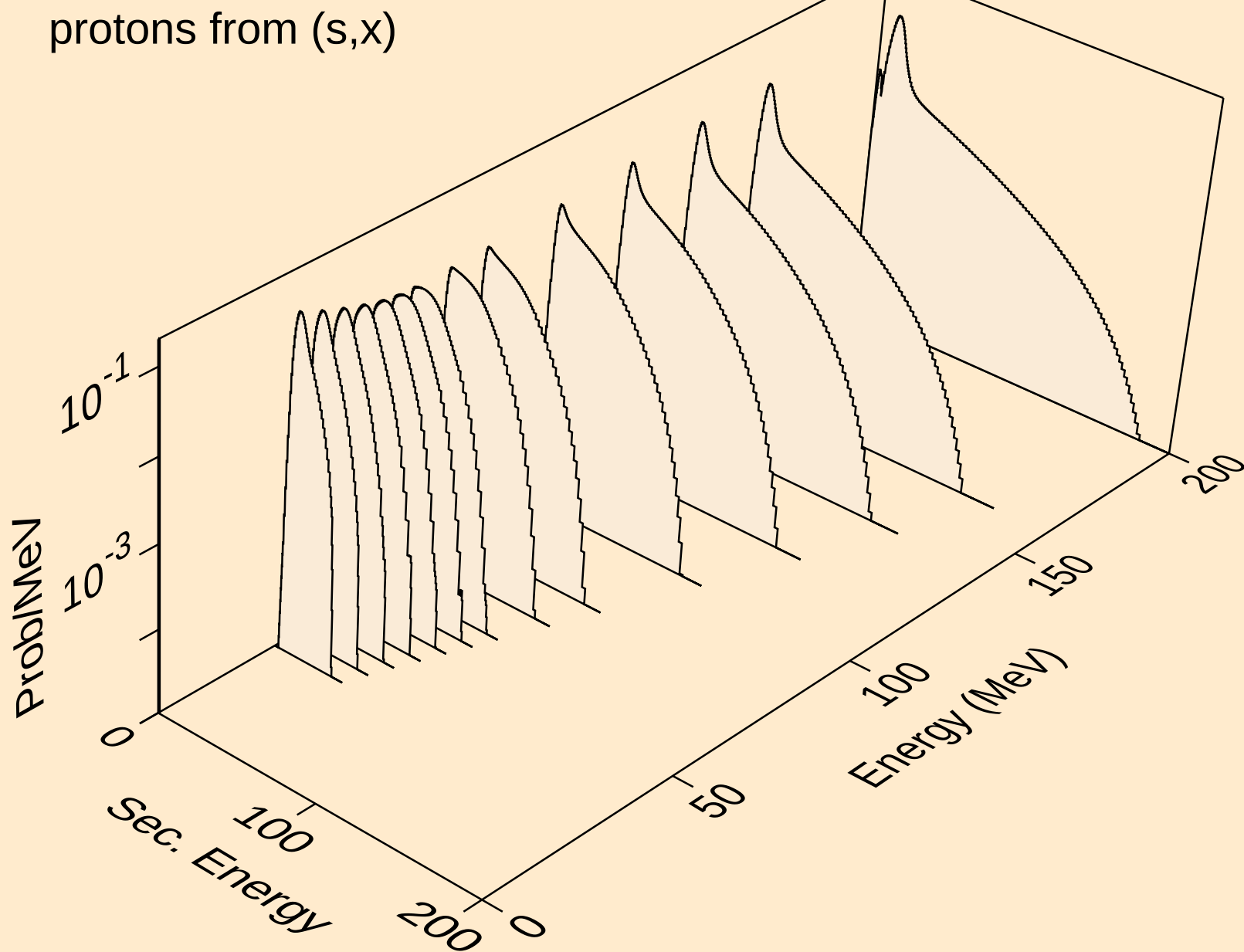
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neutrons from (s,2np)



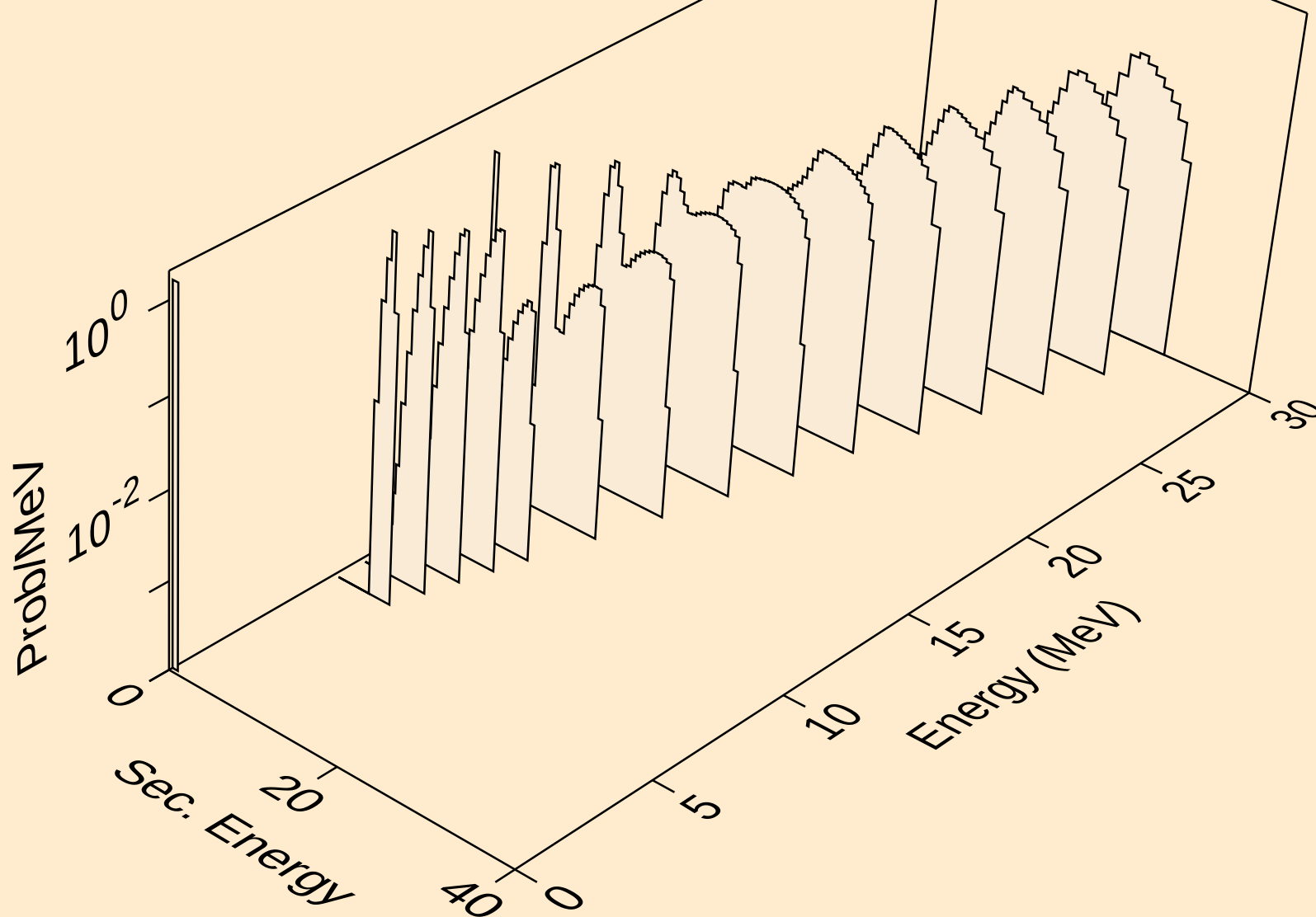
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neutrons from (s,npa)



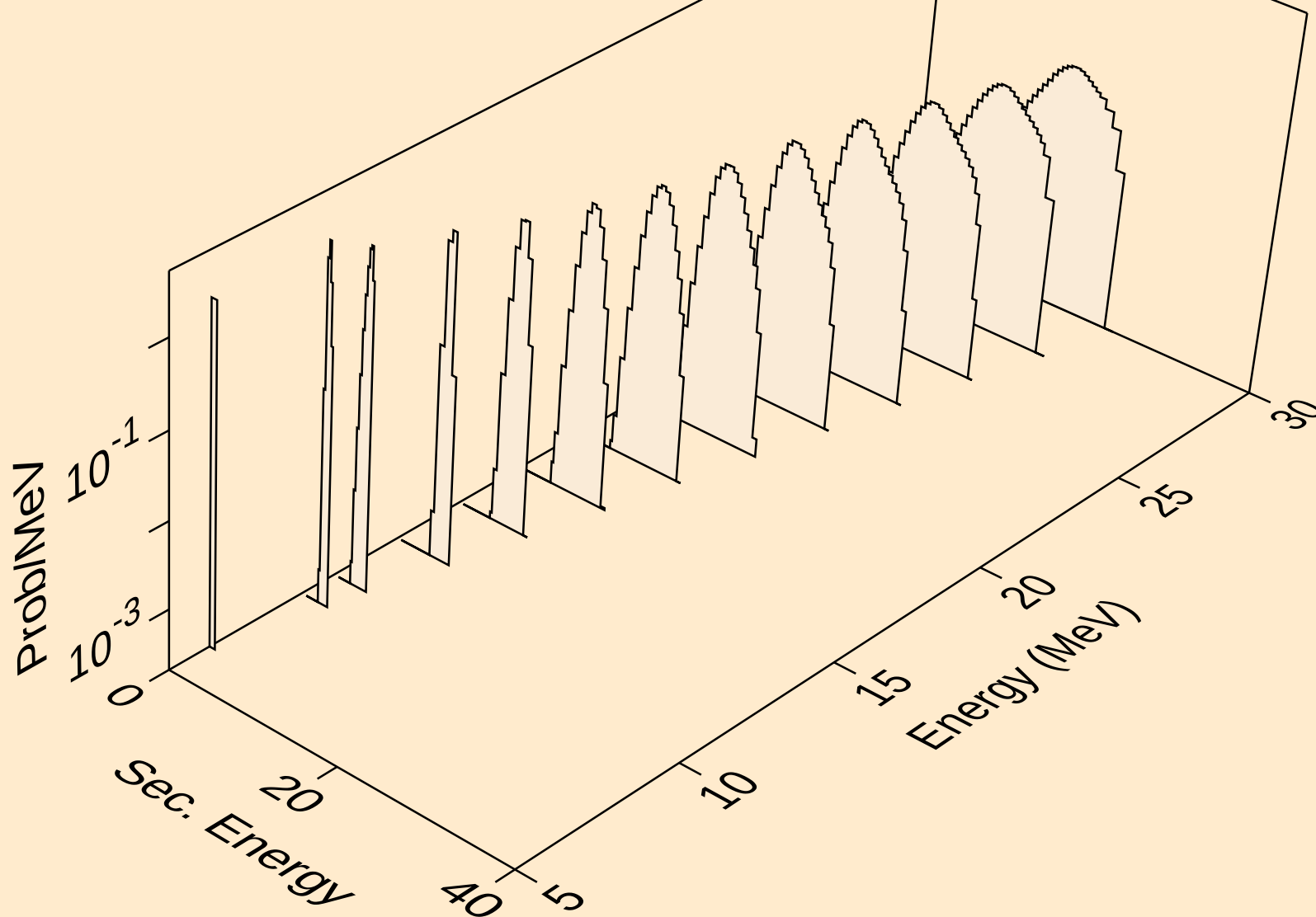
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protons from (s,x)



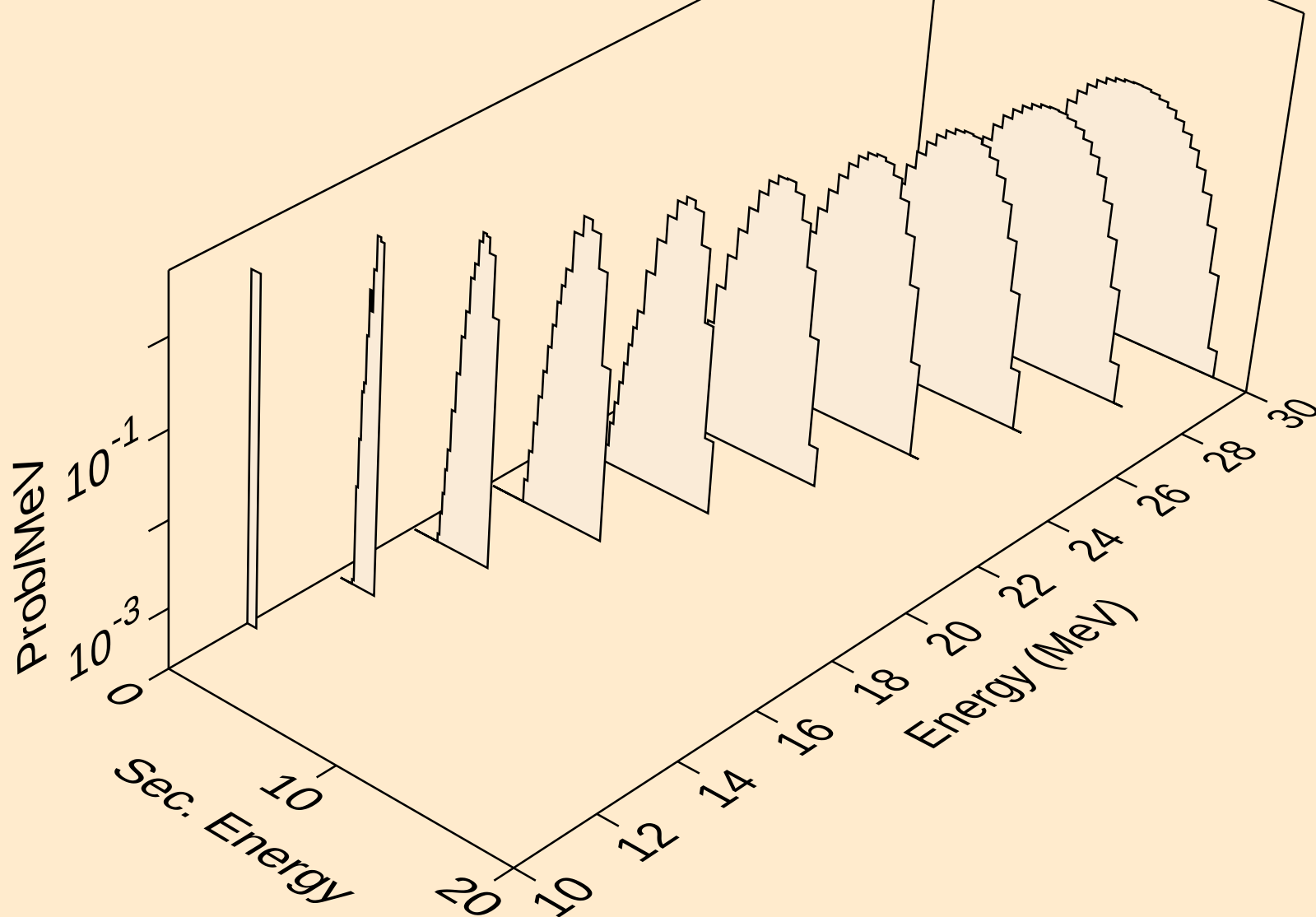
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protons from (s,n\*)p



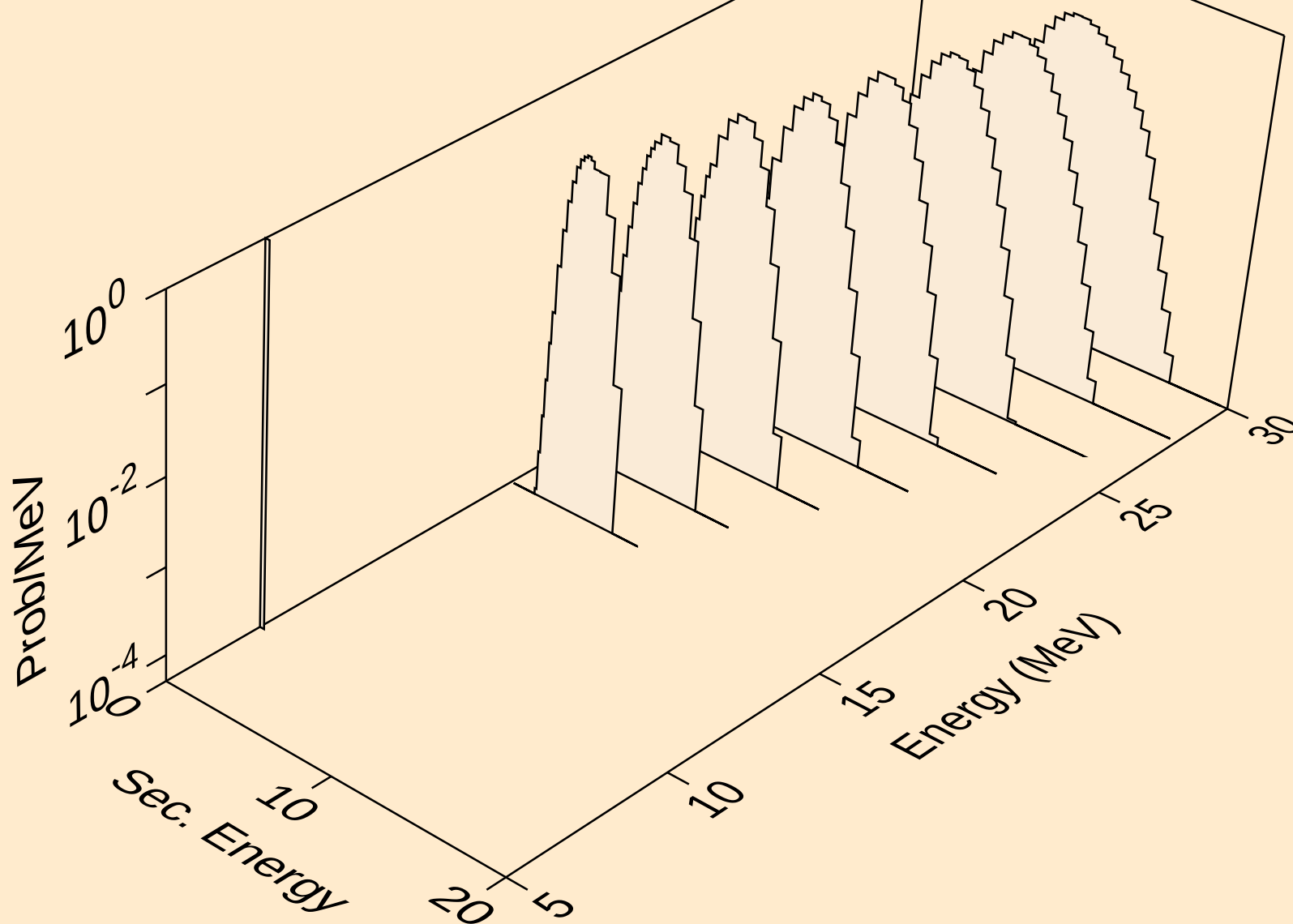
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protons from (s,2np)



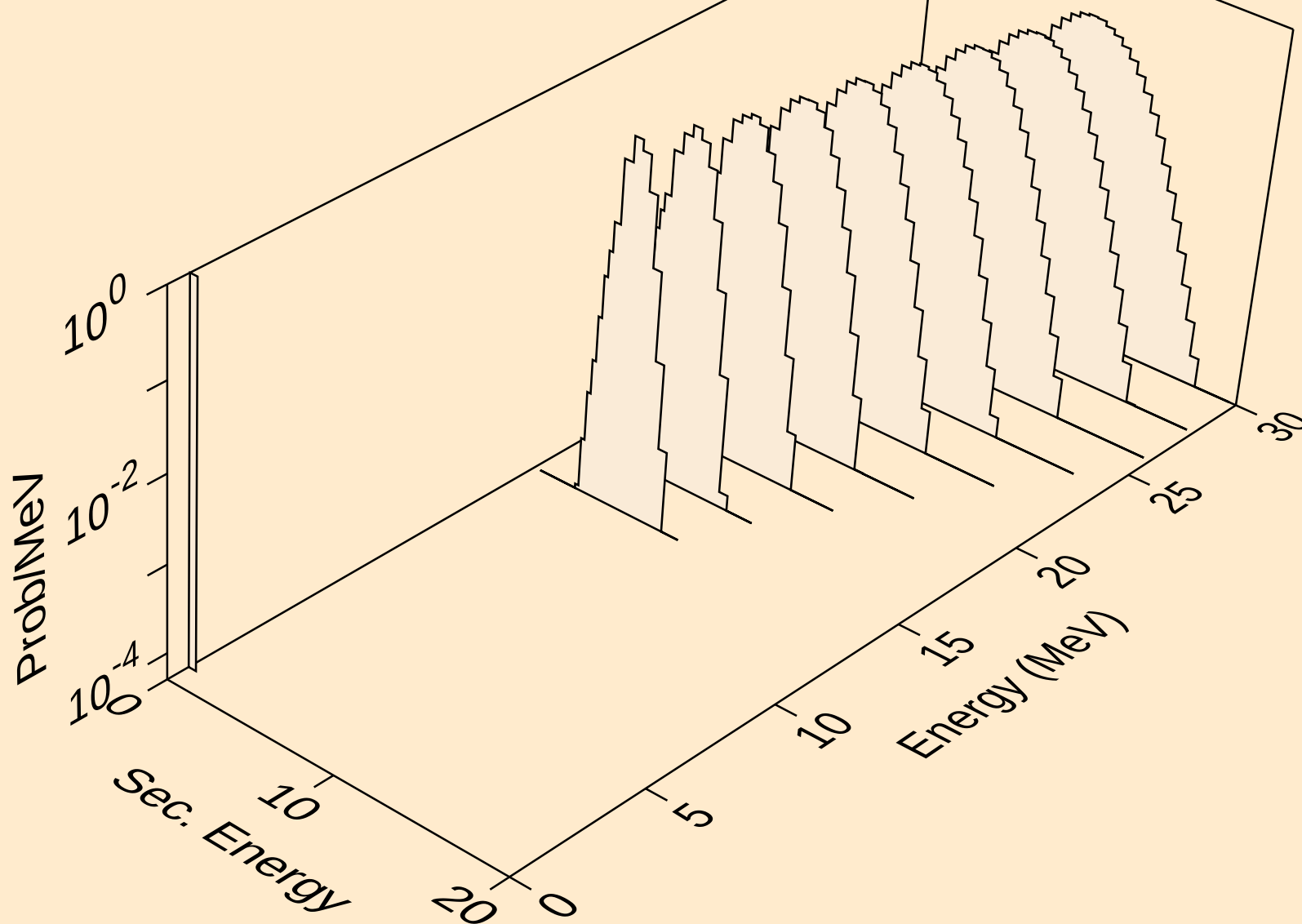
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protons from (s,3np)



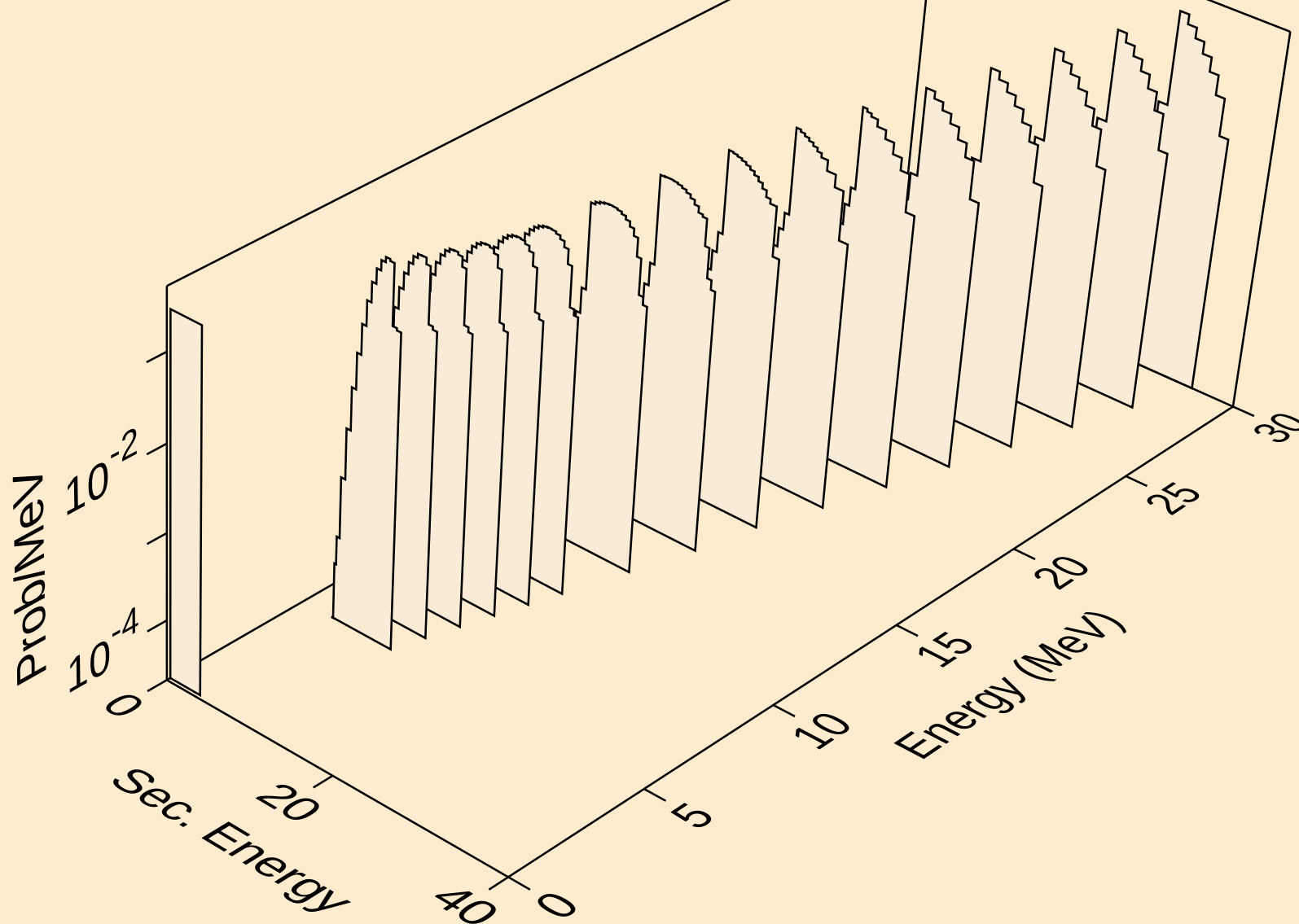
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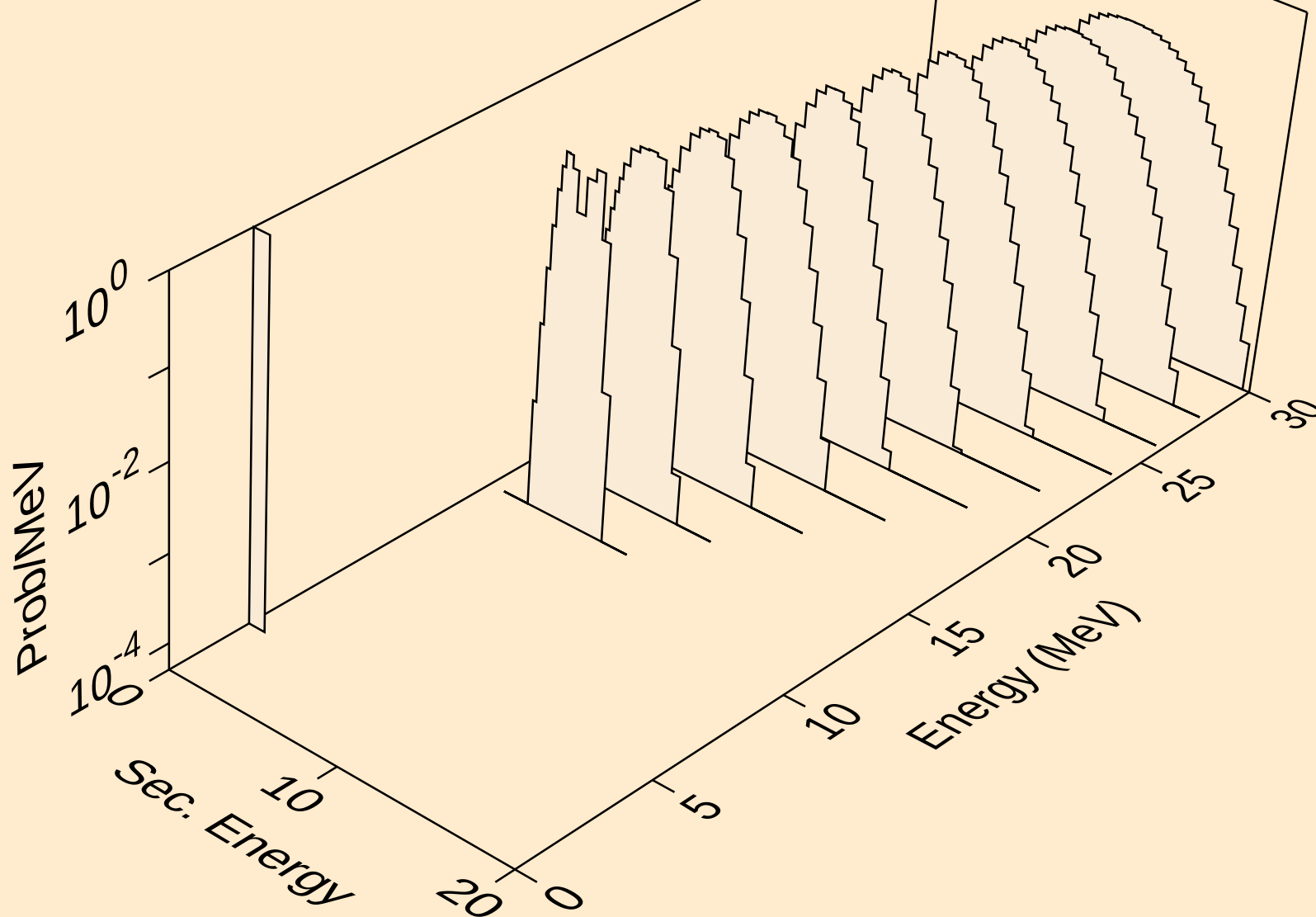
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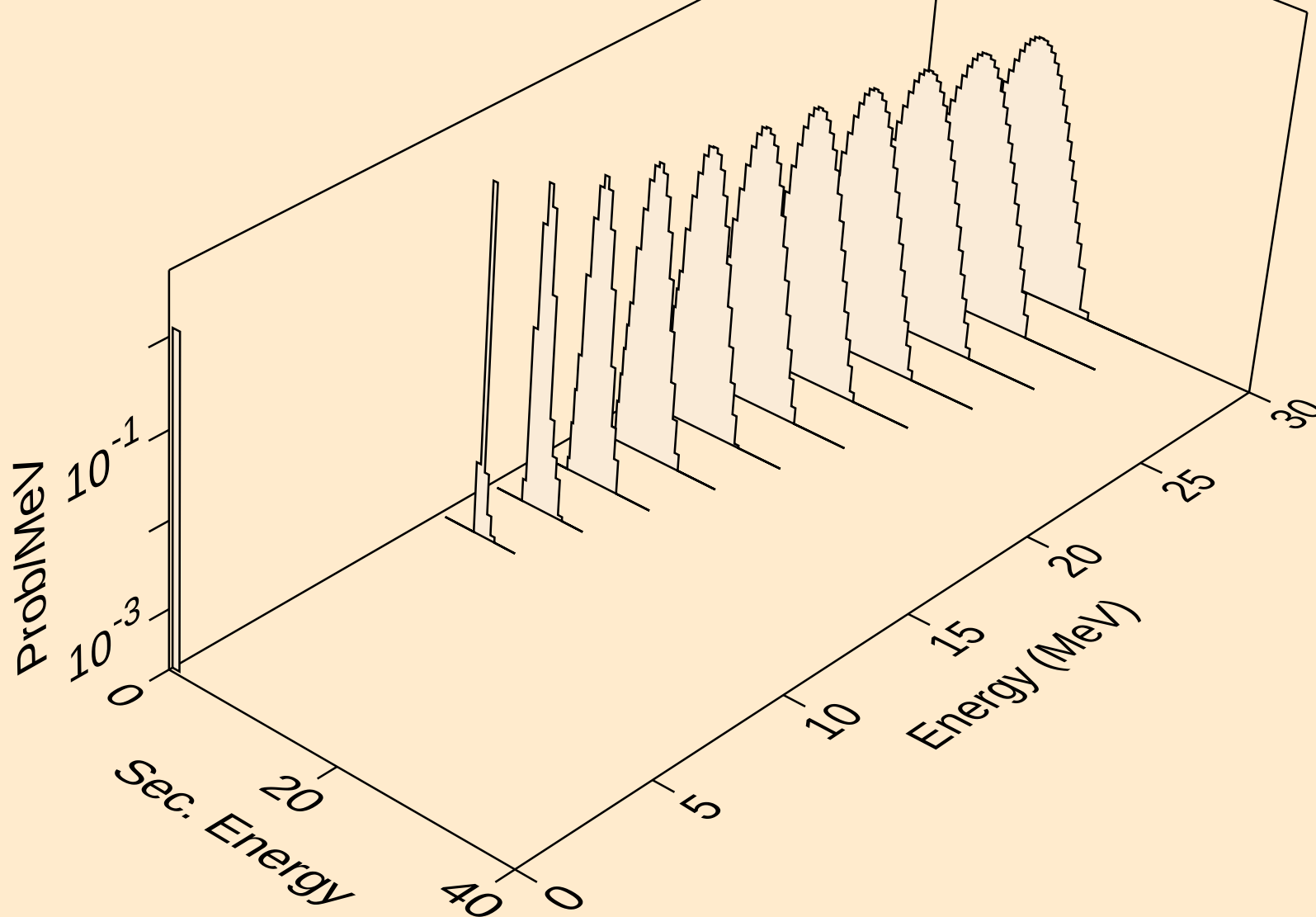
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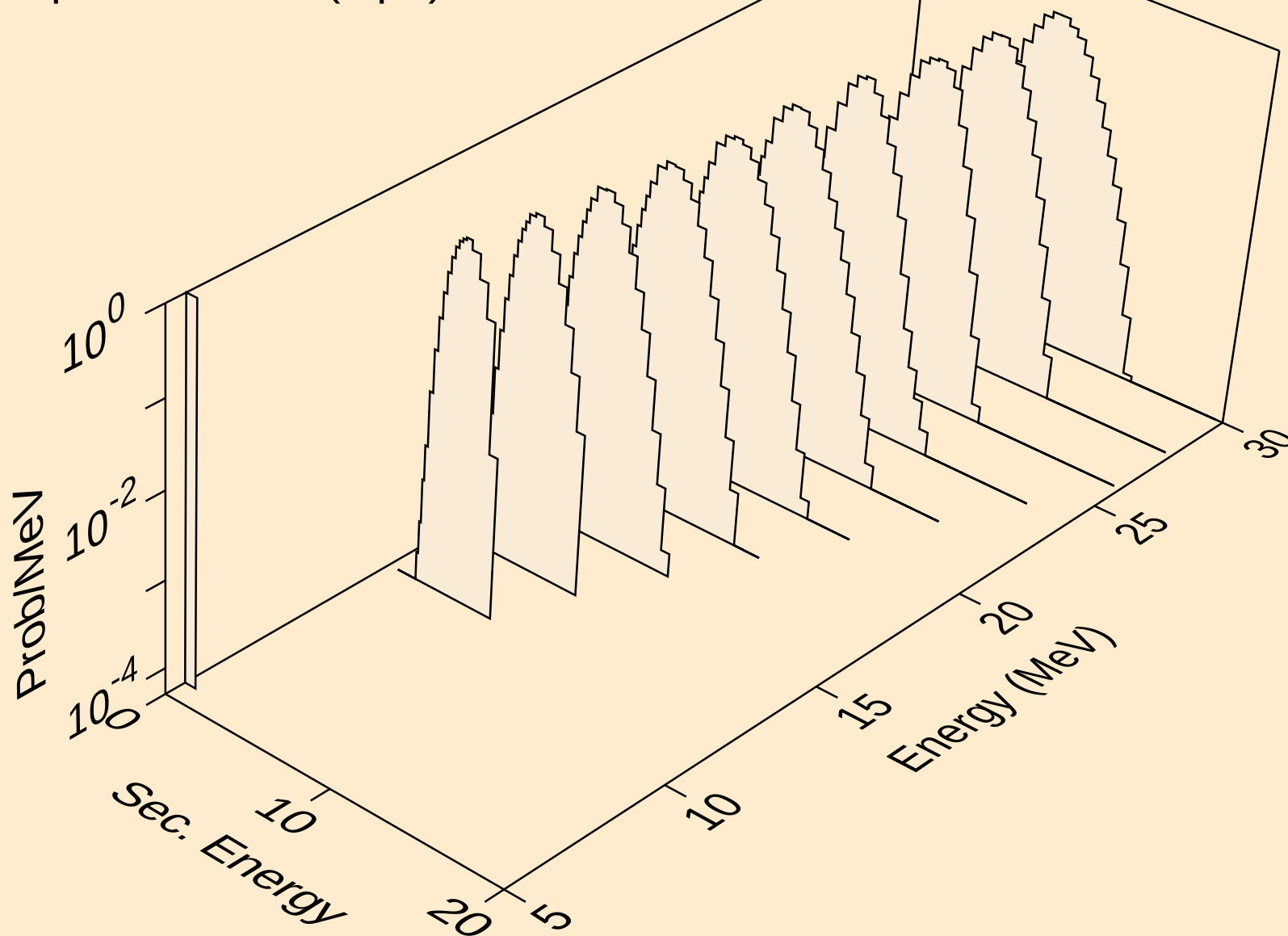
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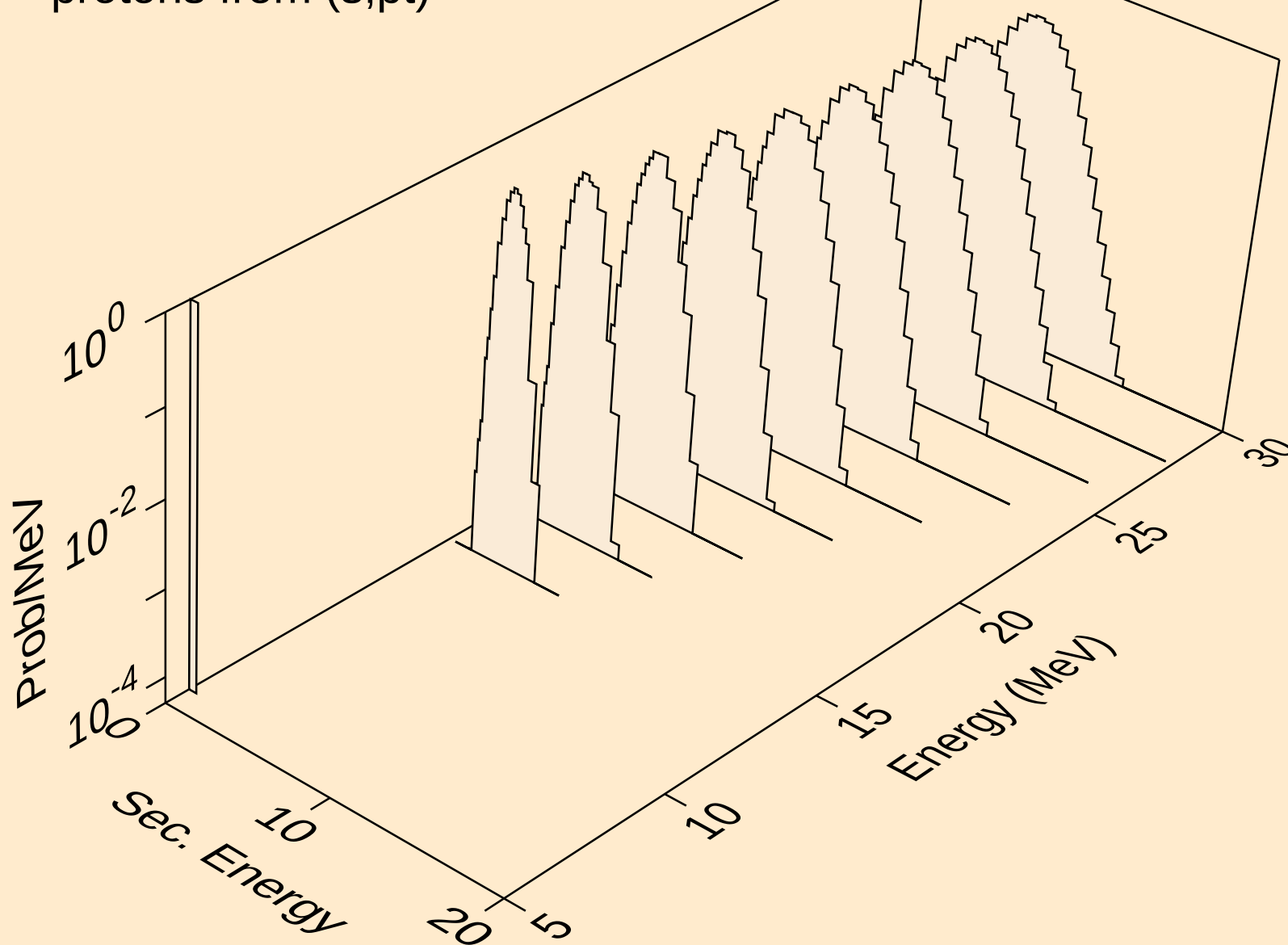
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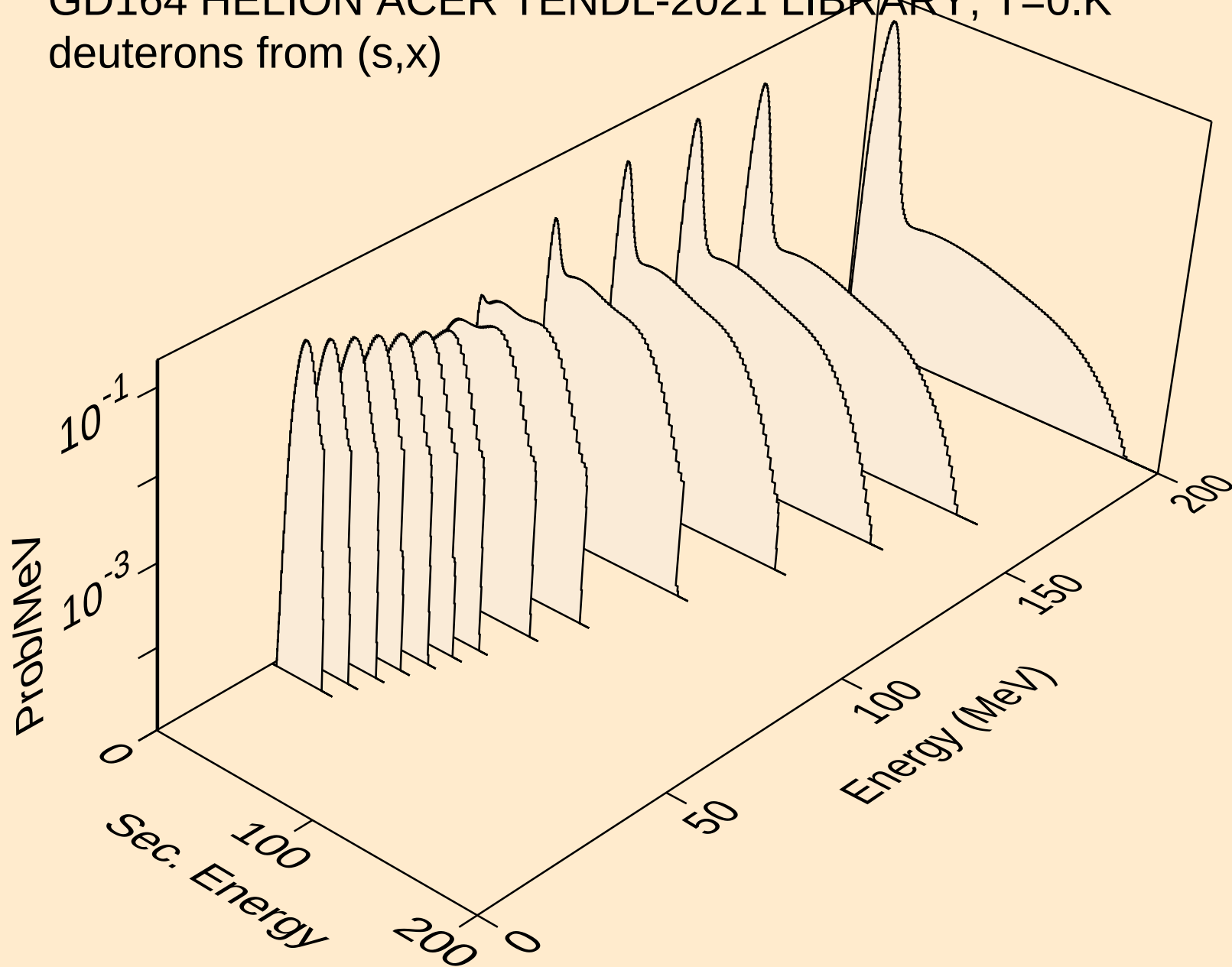
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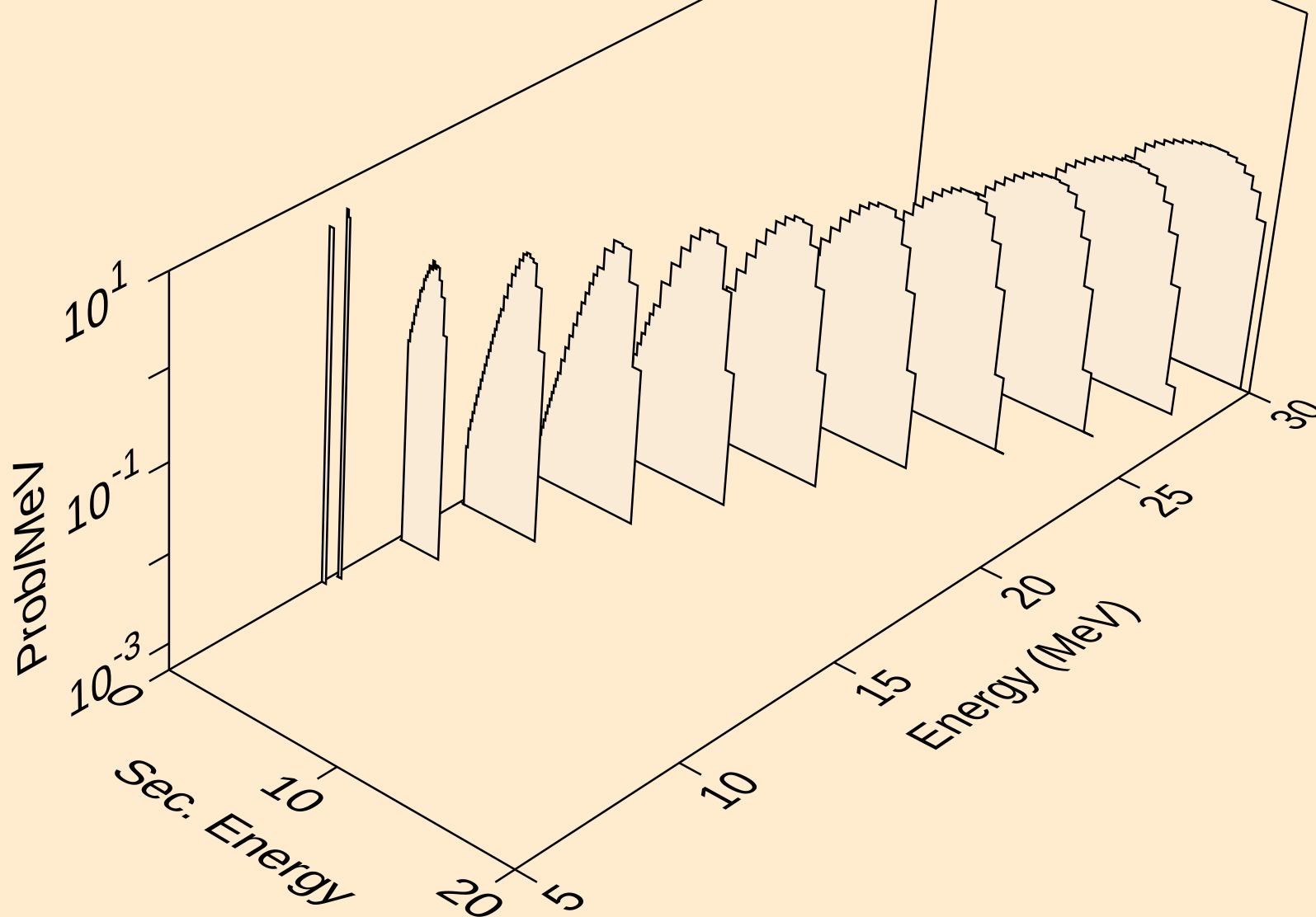
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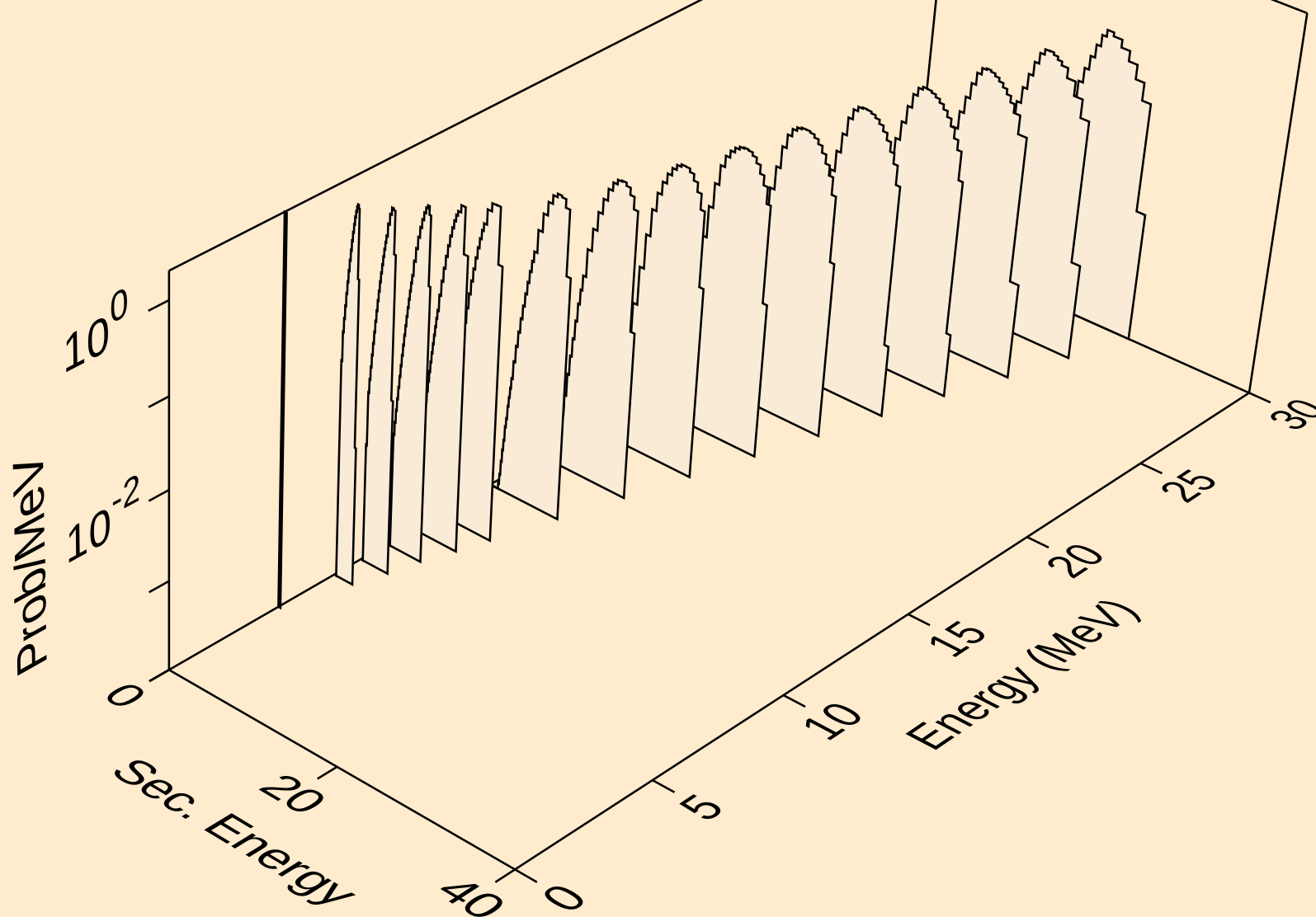
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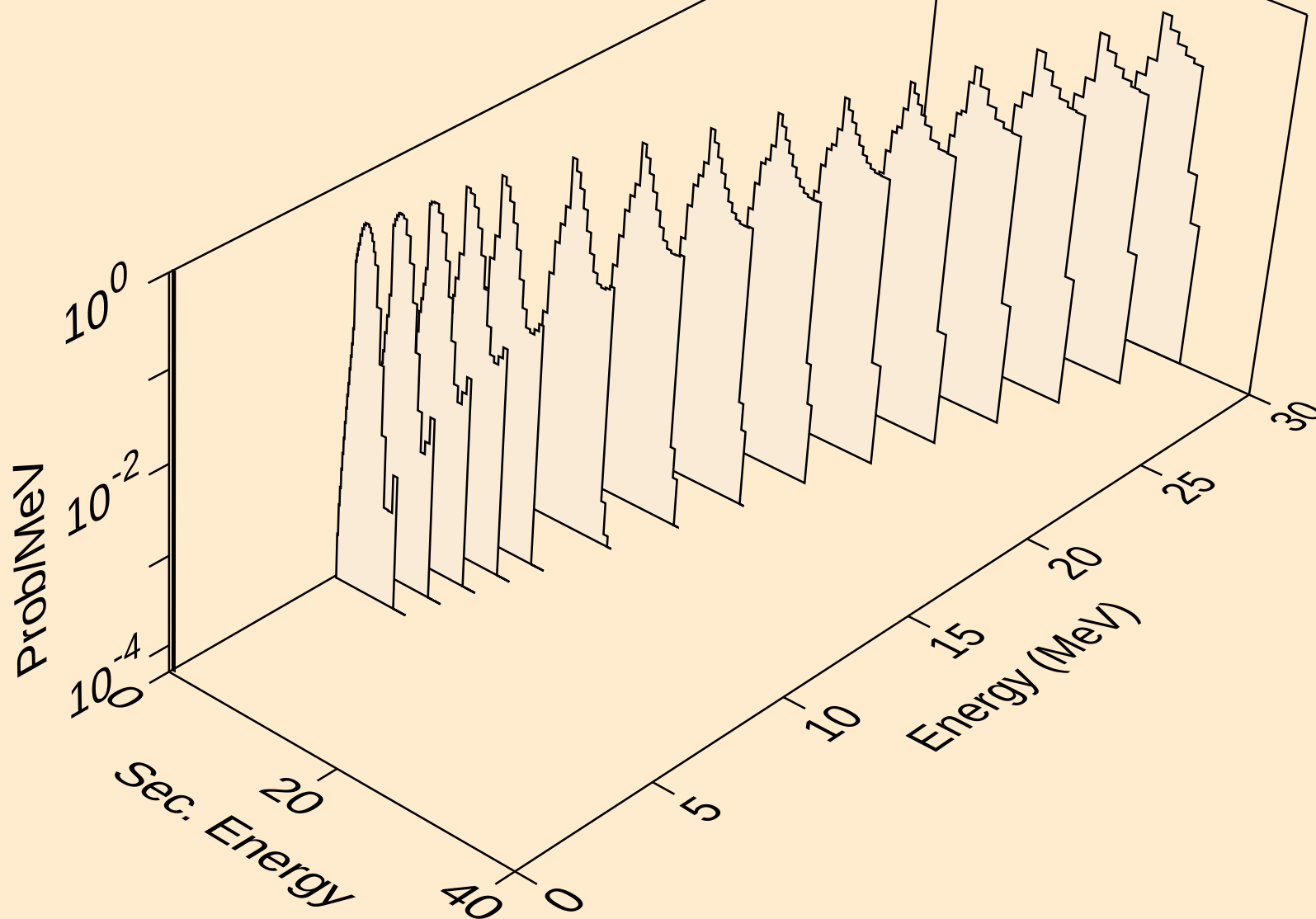
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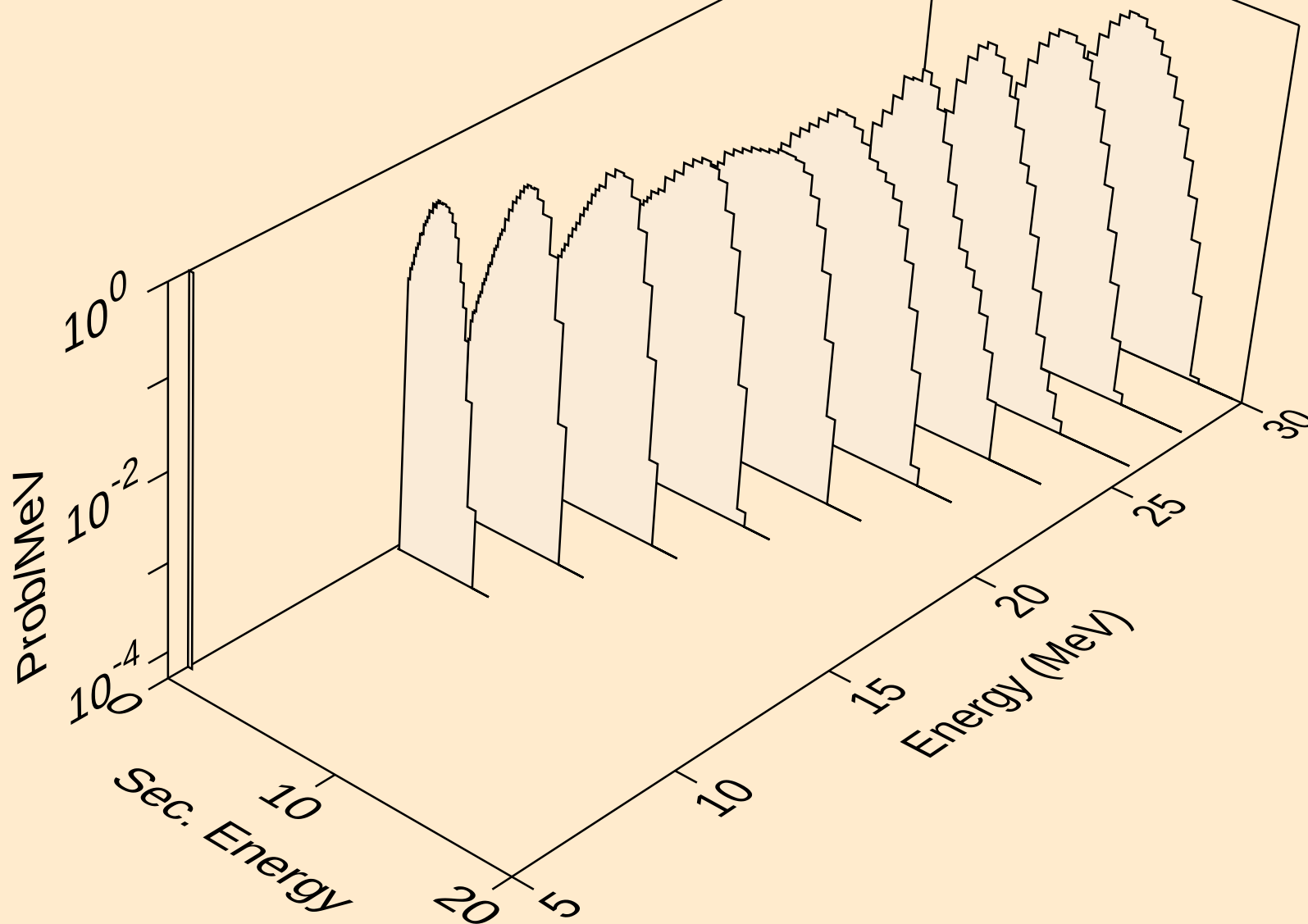
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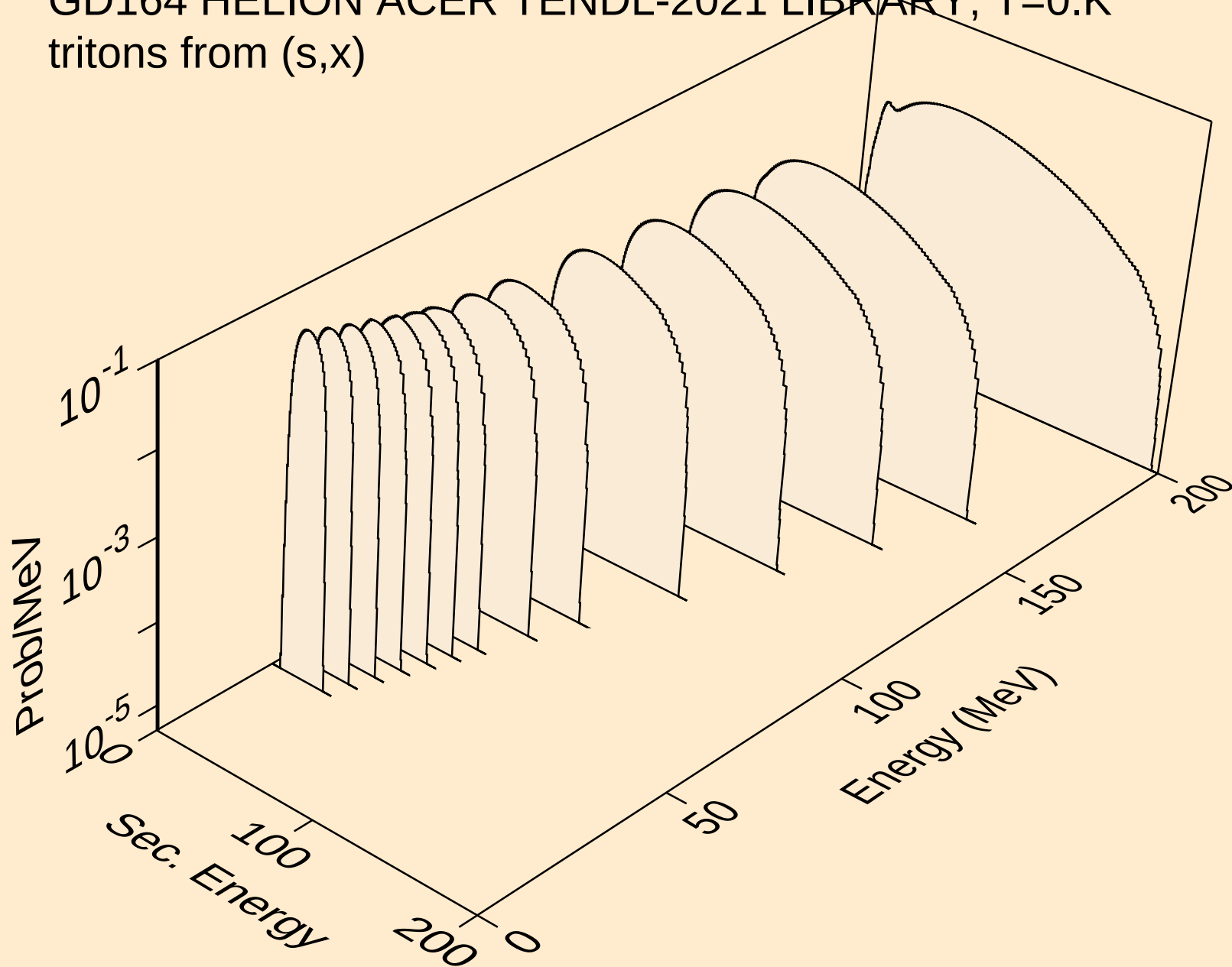
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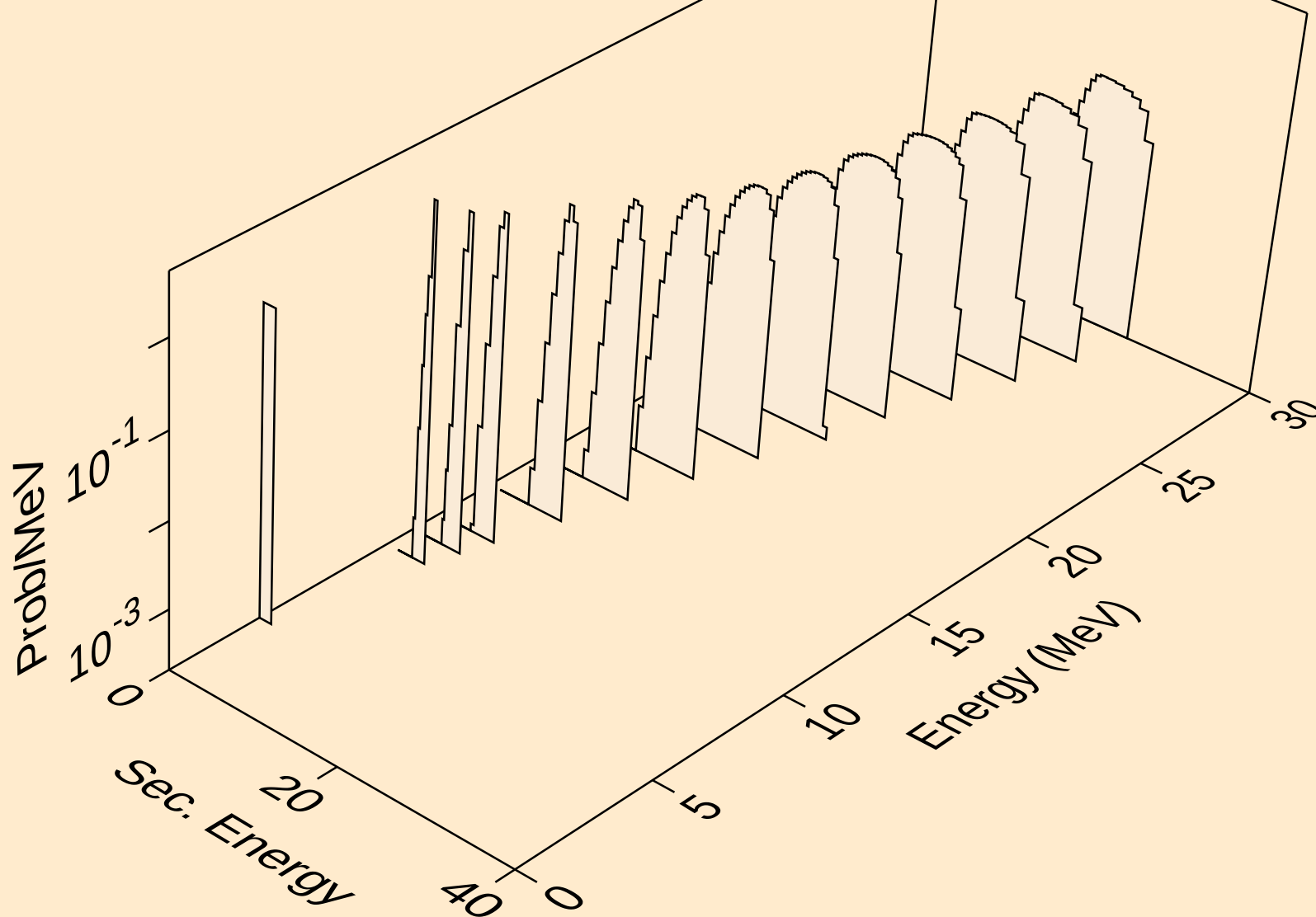
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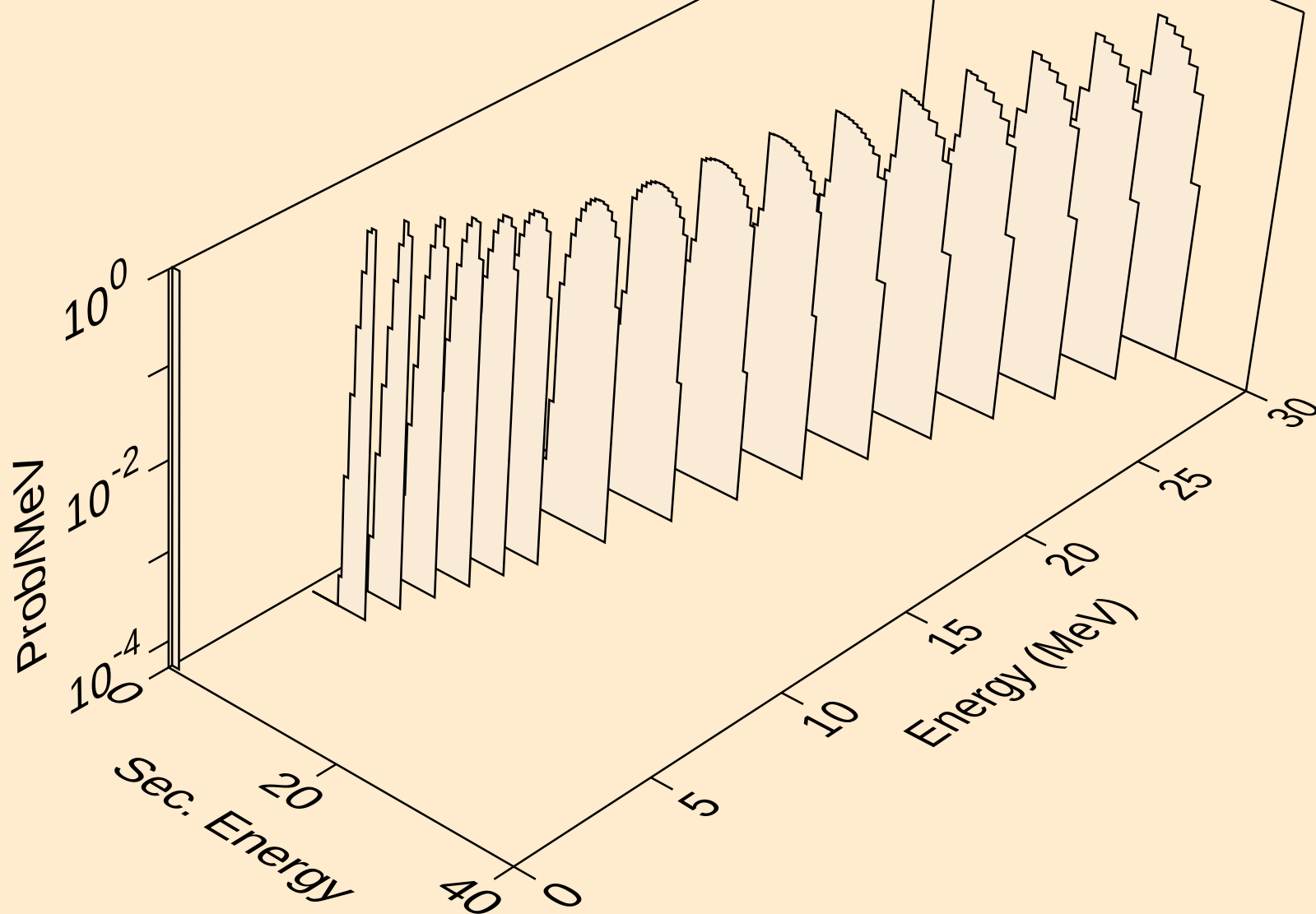
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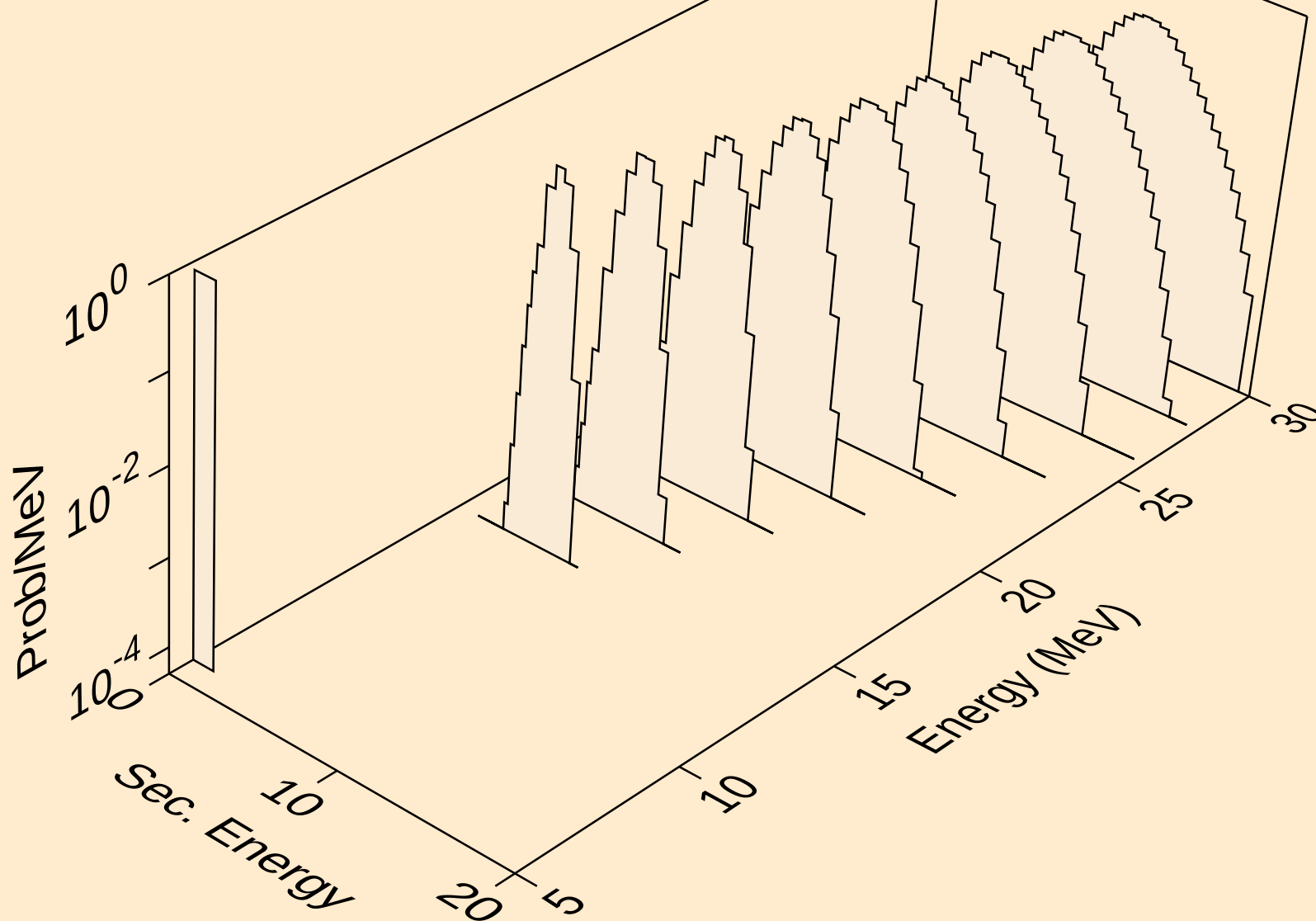
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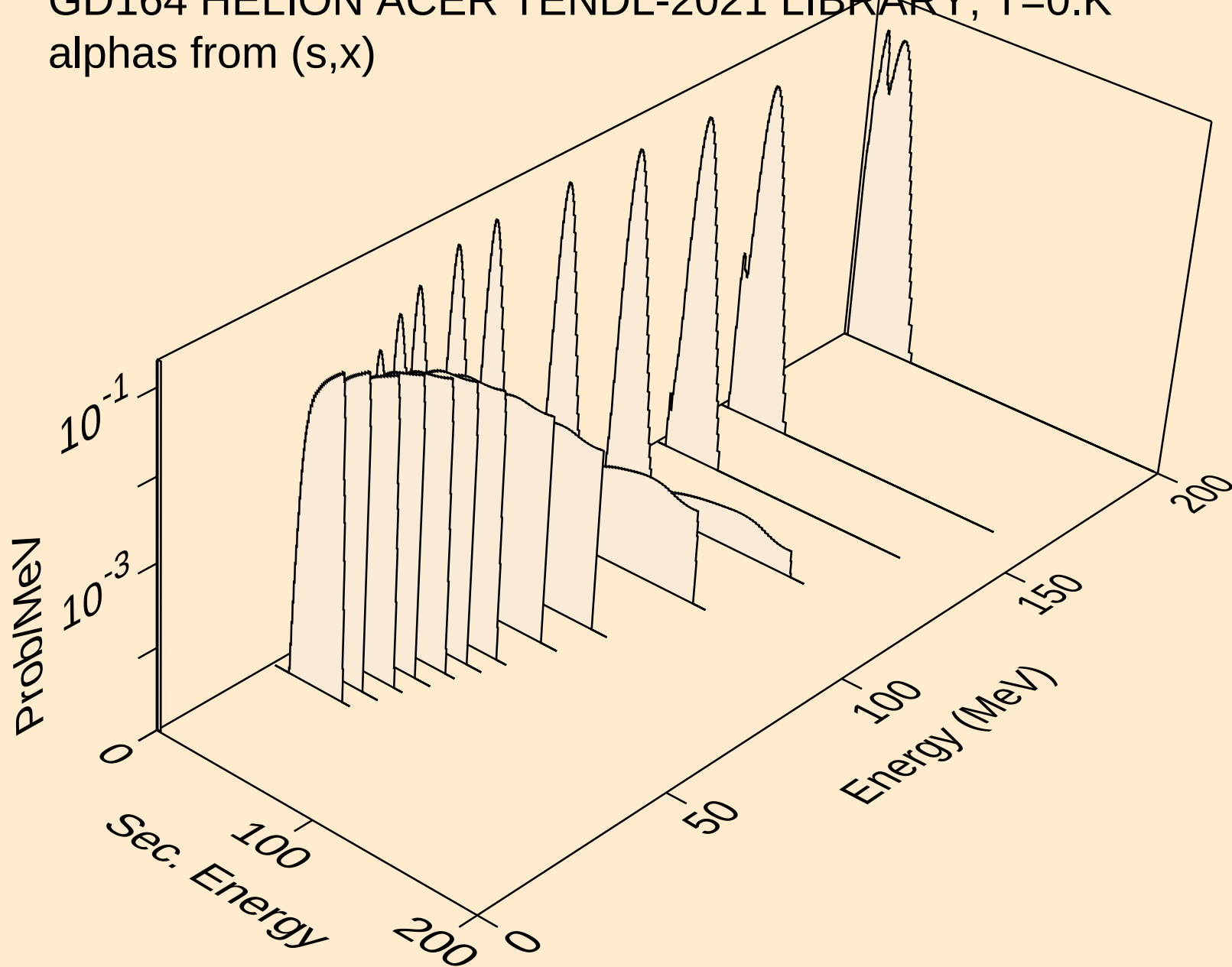
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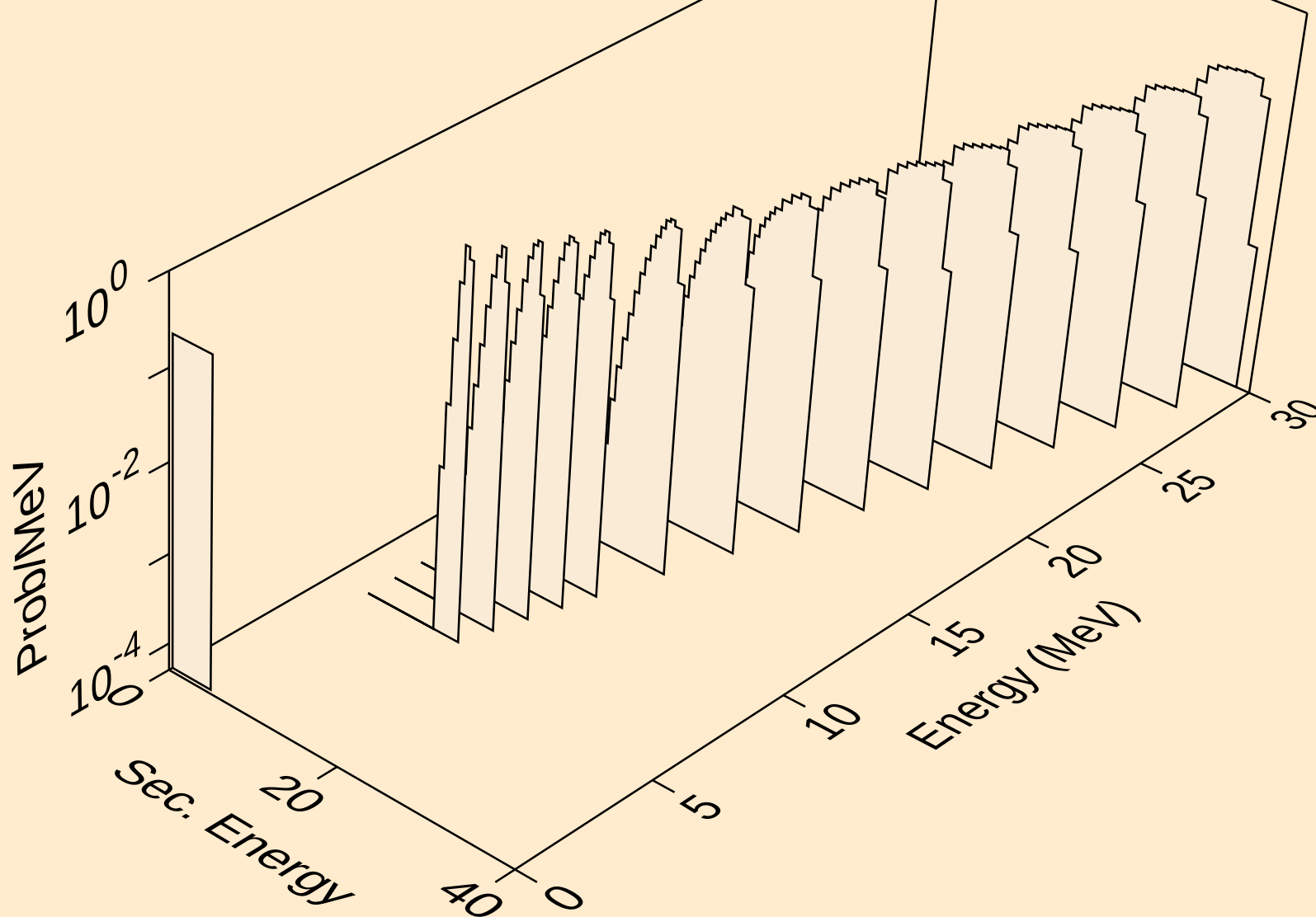
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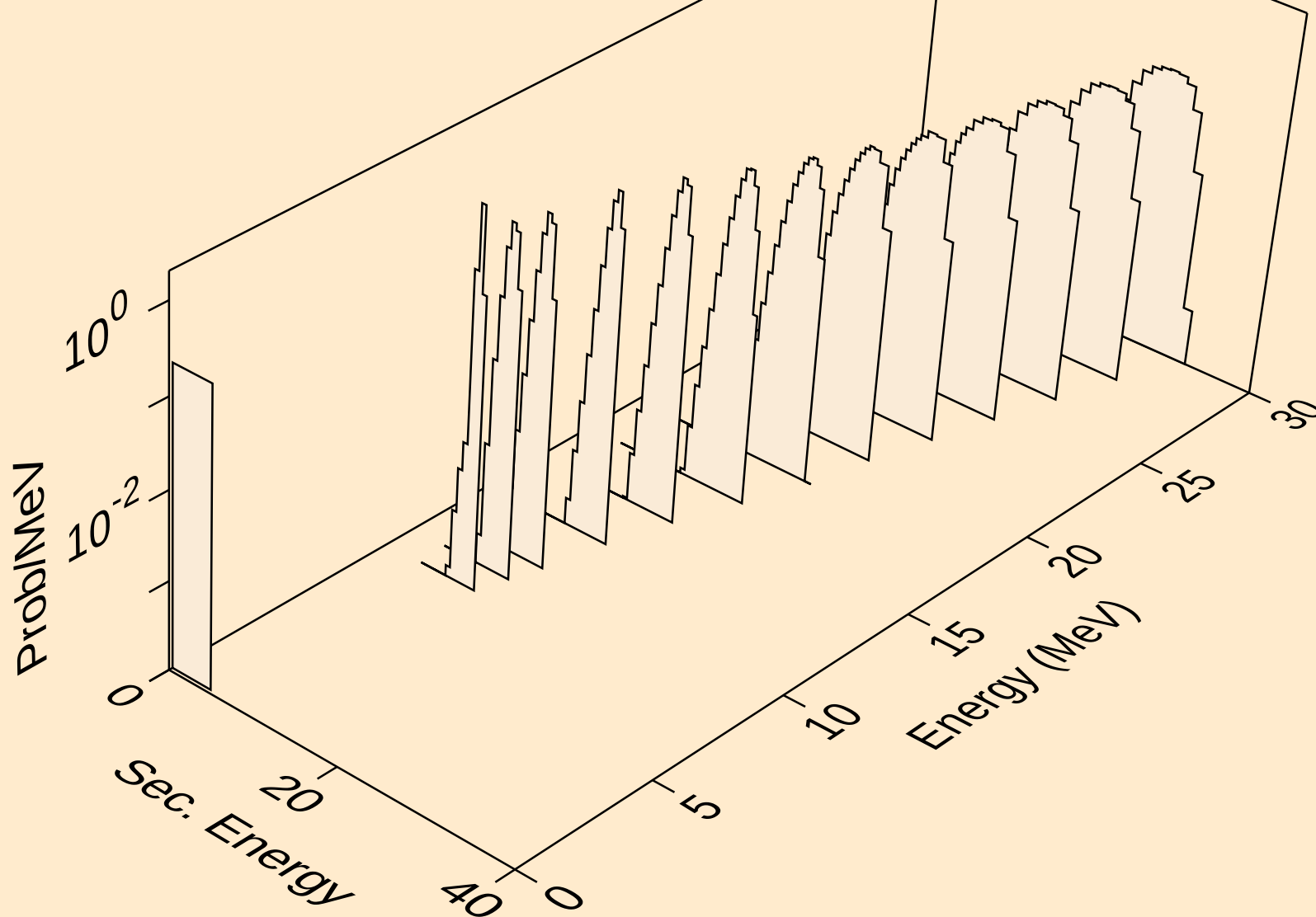
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alphas from (s,x)



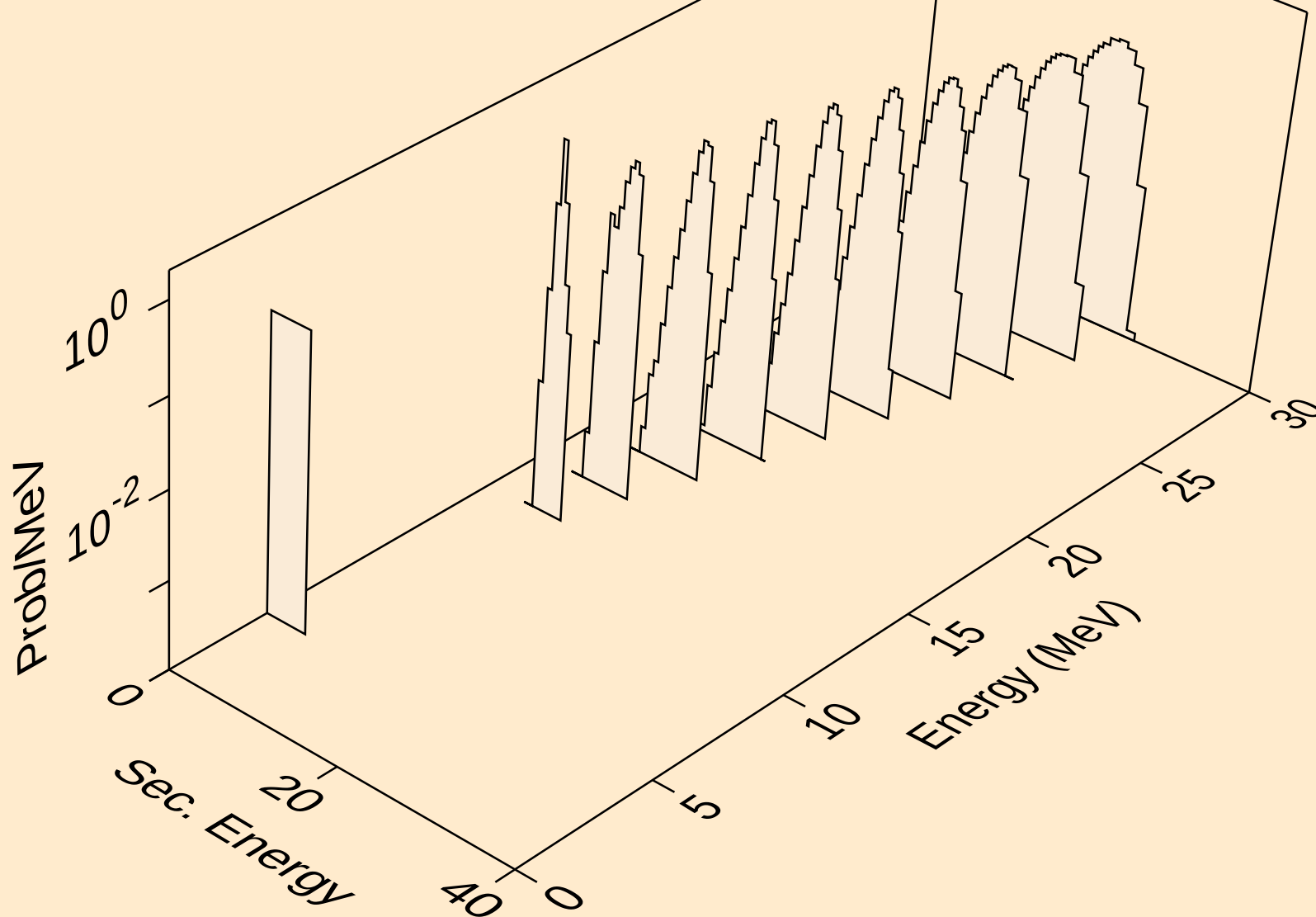
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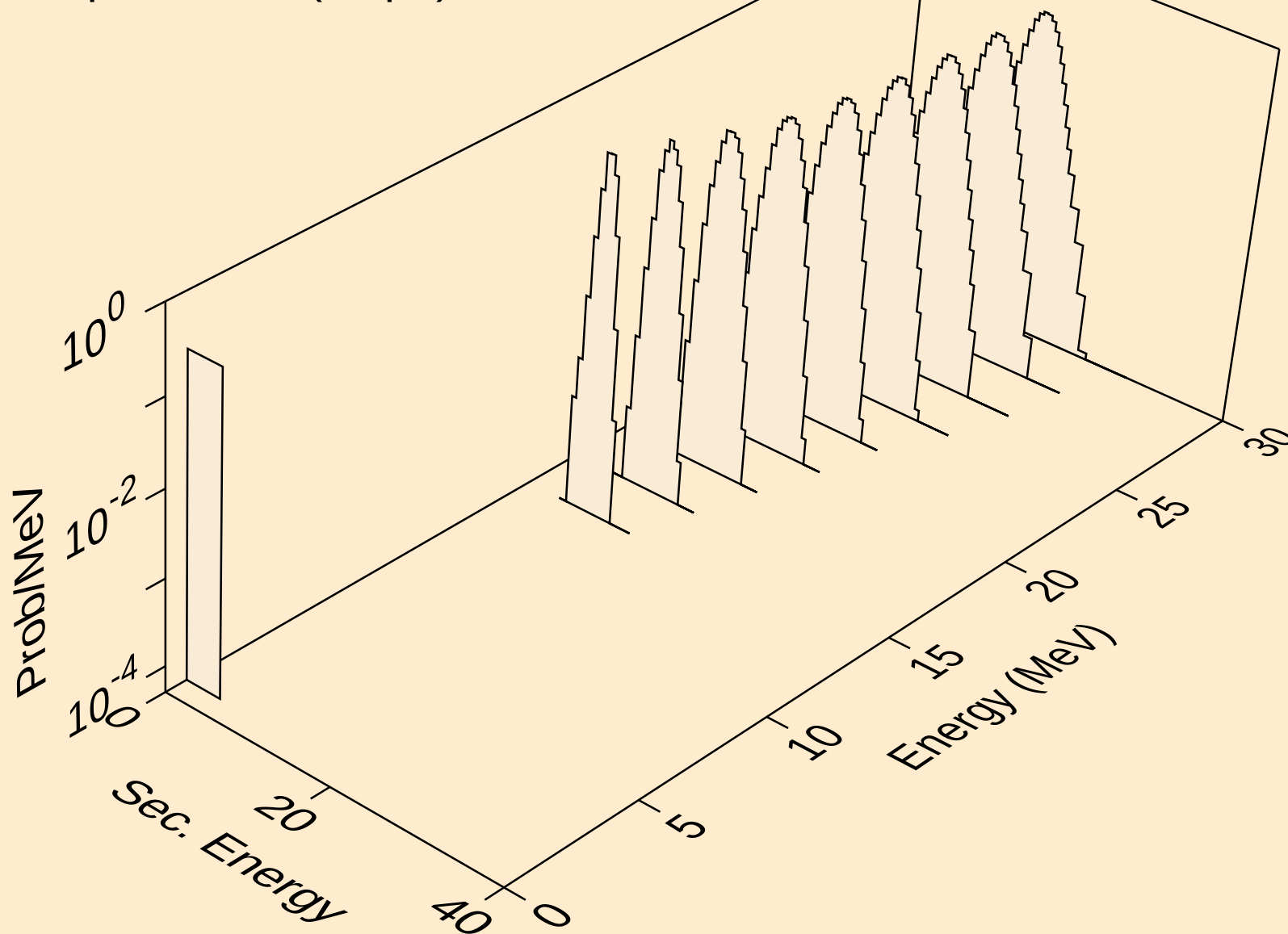
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alphas from (s,2n)a



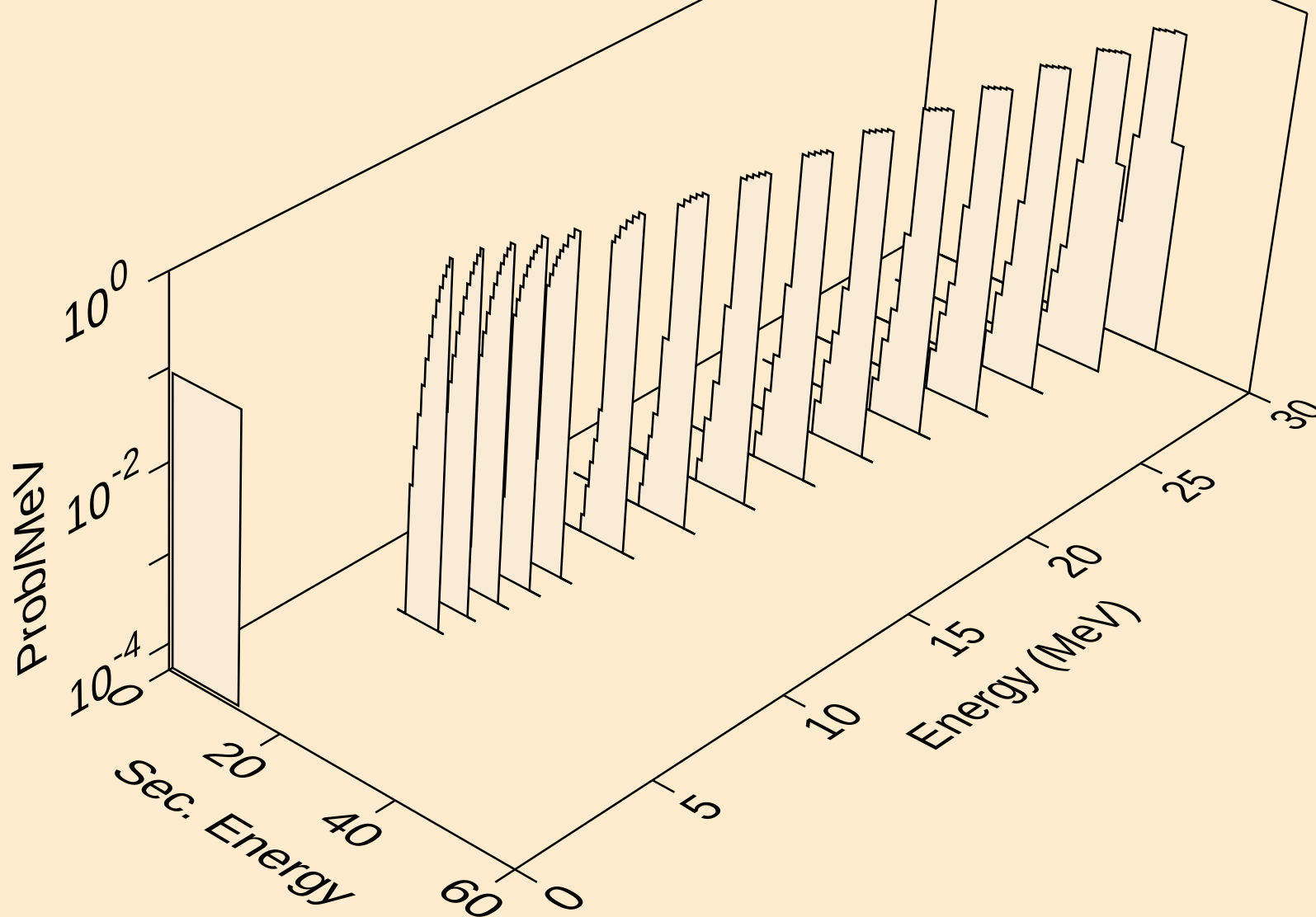
GD164 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,3n)a



GD164 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,npa)



GD164 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,a)



GD164 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,pa)

