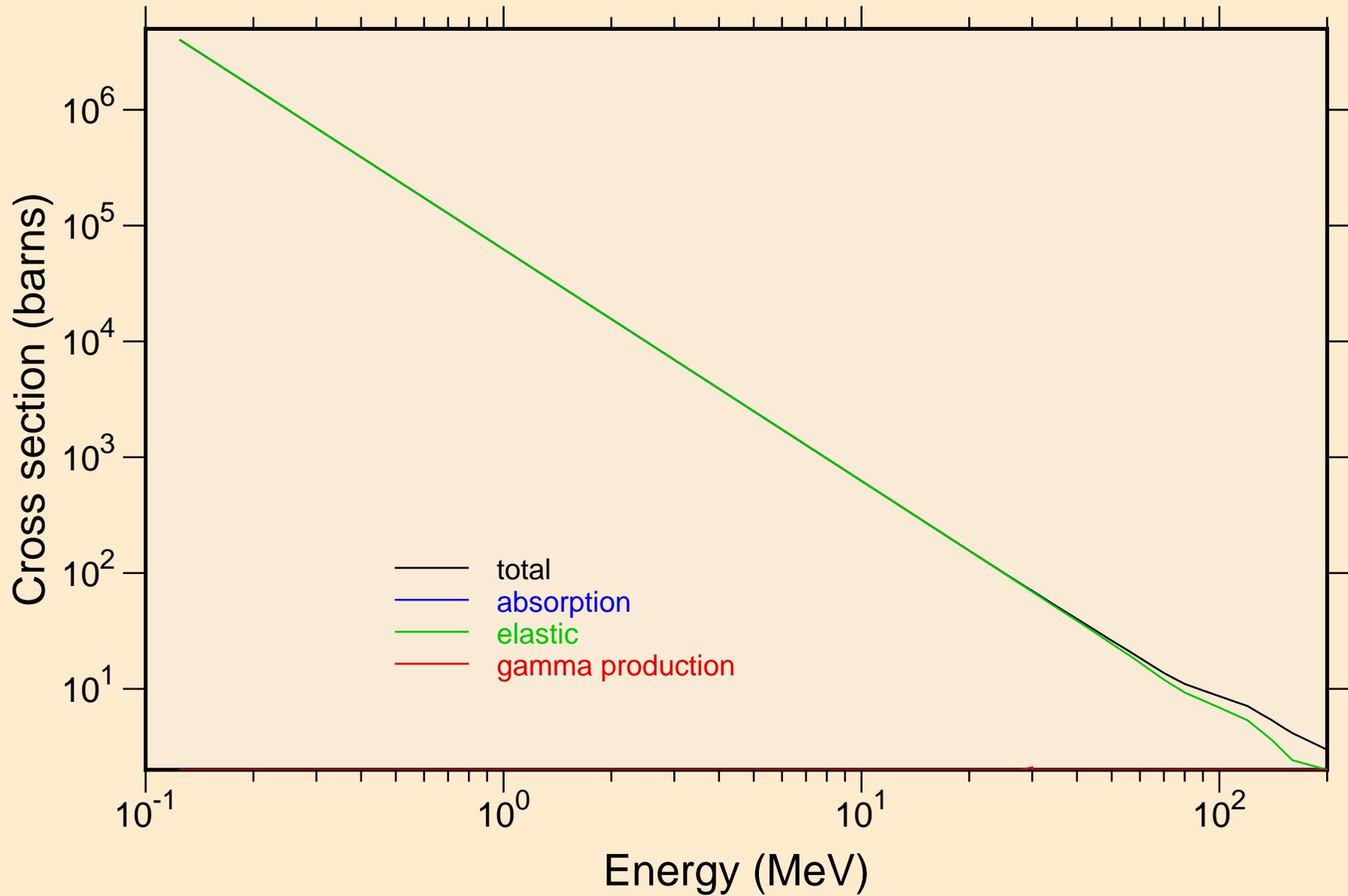
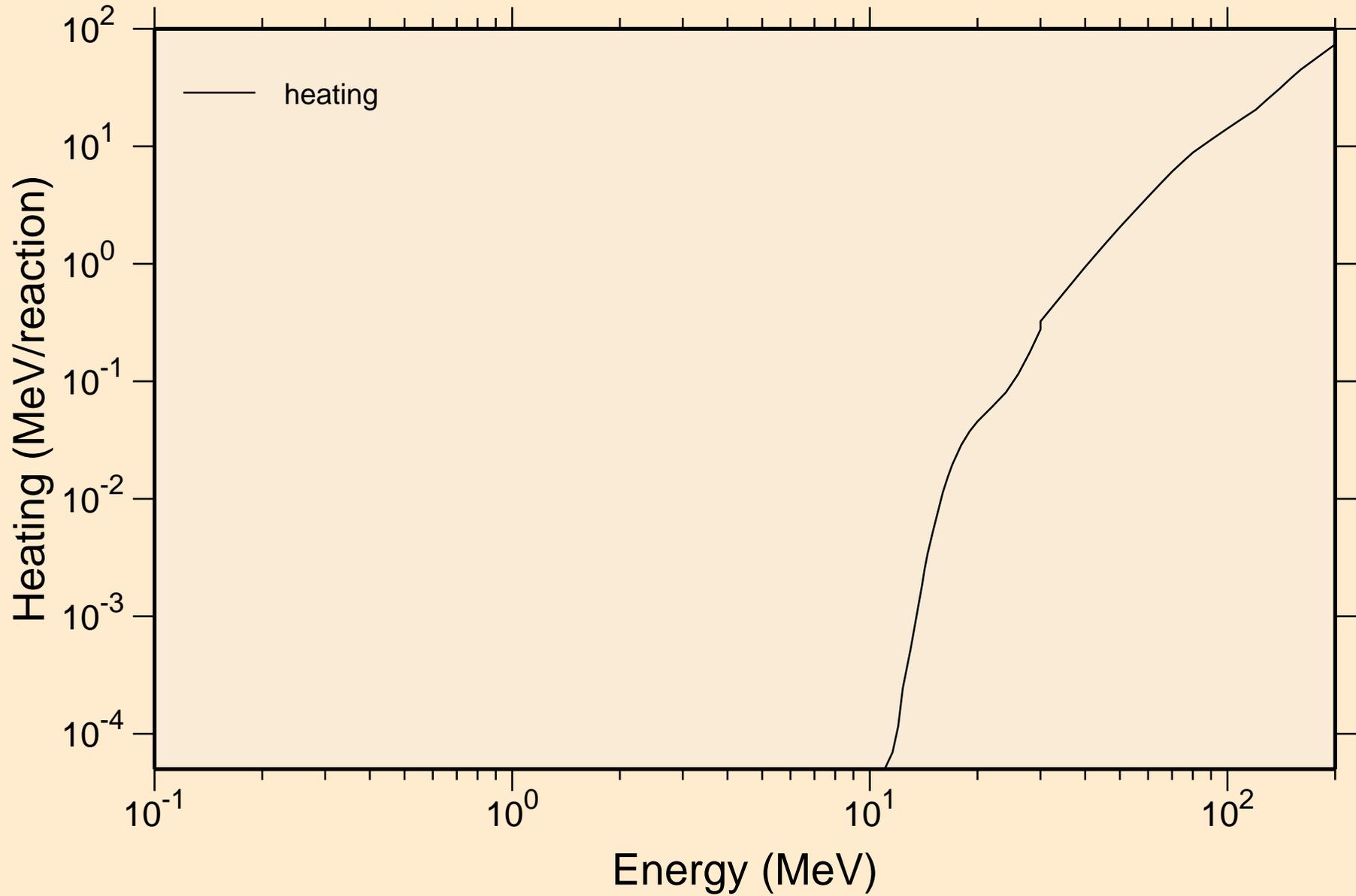


IN103 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Principal cross sections



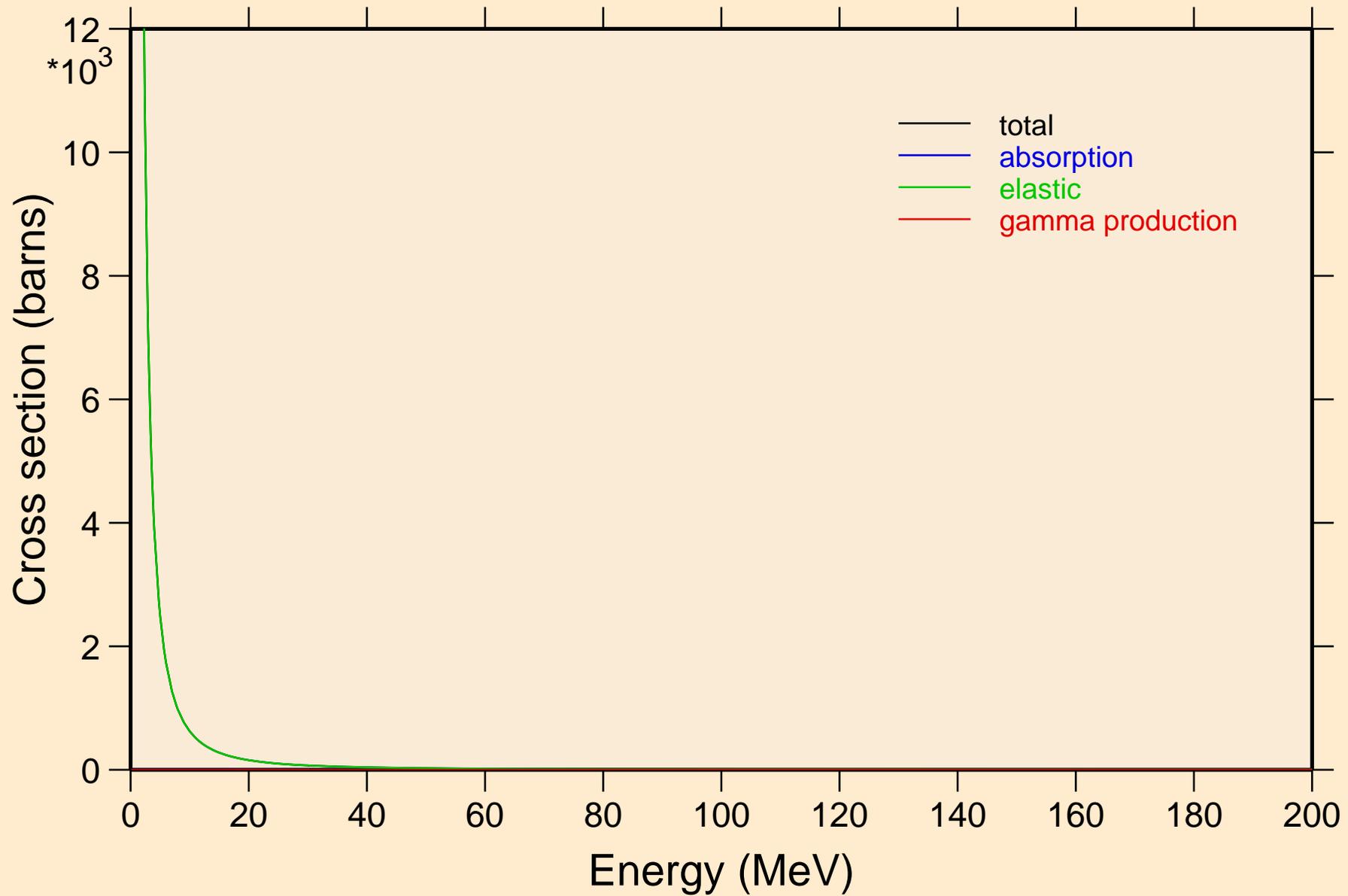
# IN103 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Heating



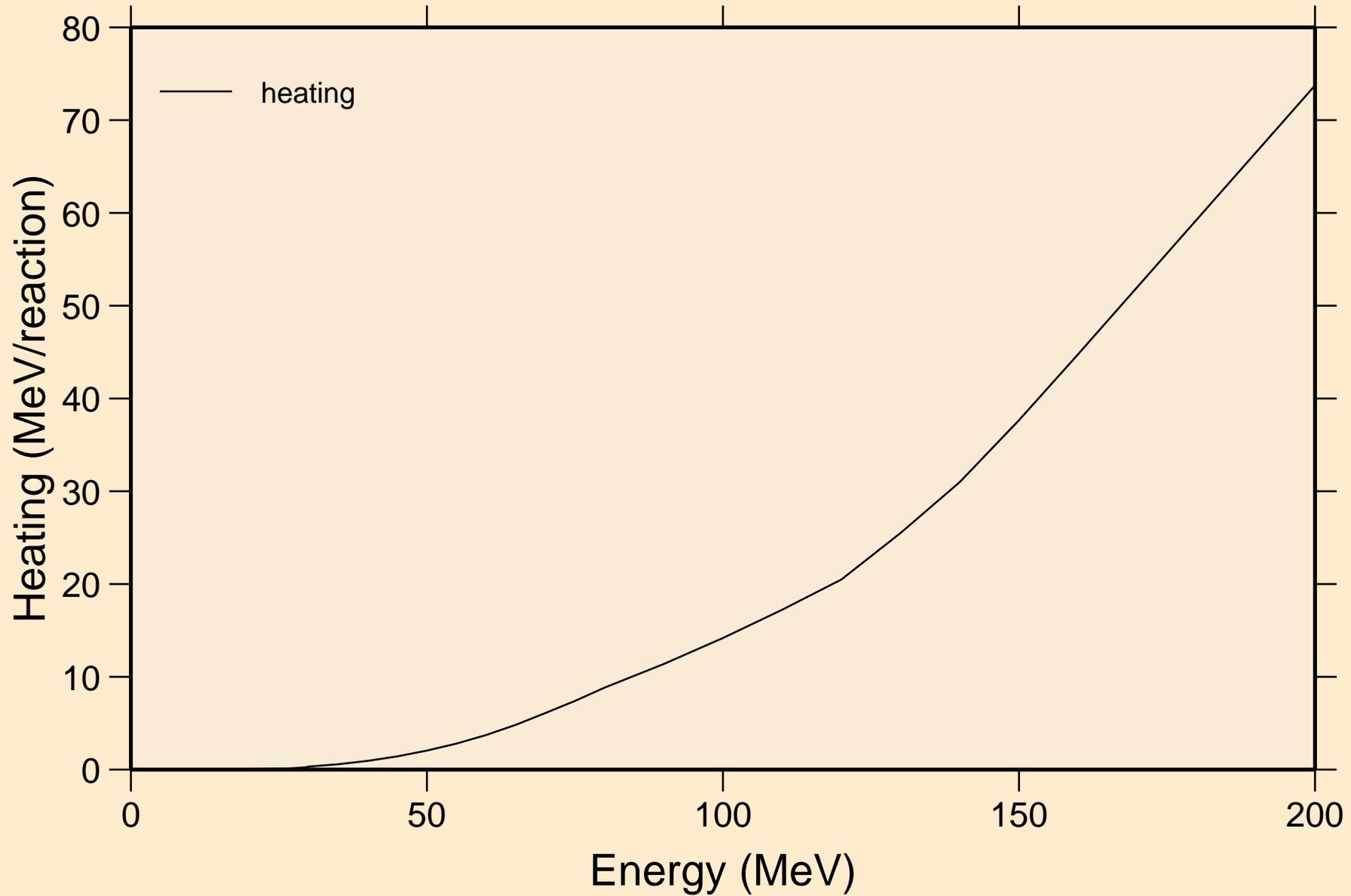
# IN103 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



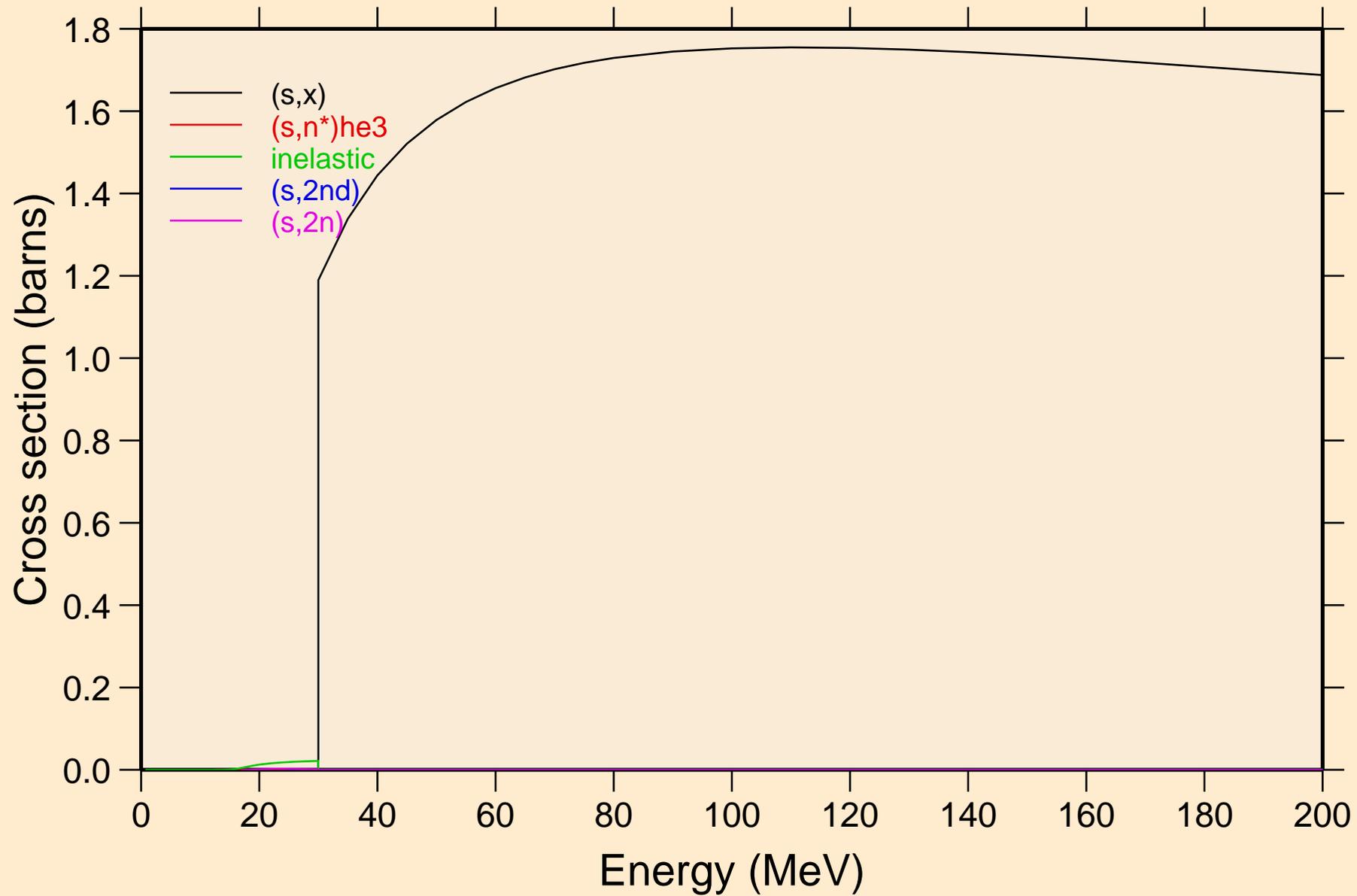
IN103 HELION ACER TENDL-2024 LIBRARY; T=0.K

Heating



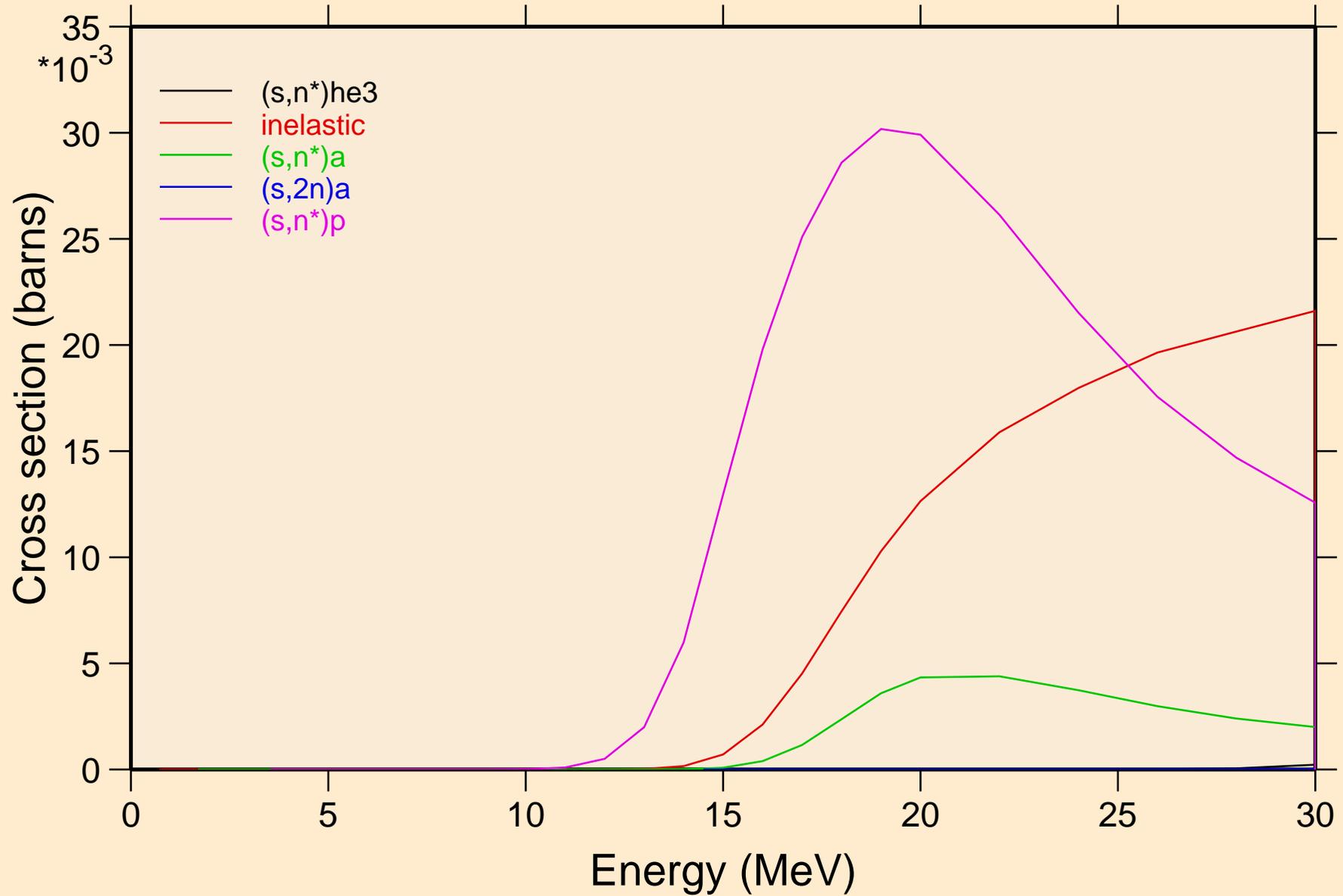
# IN103 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

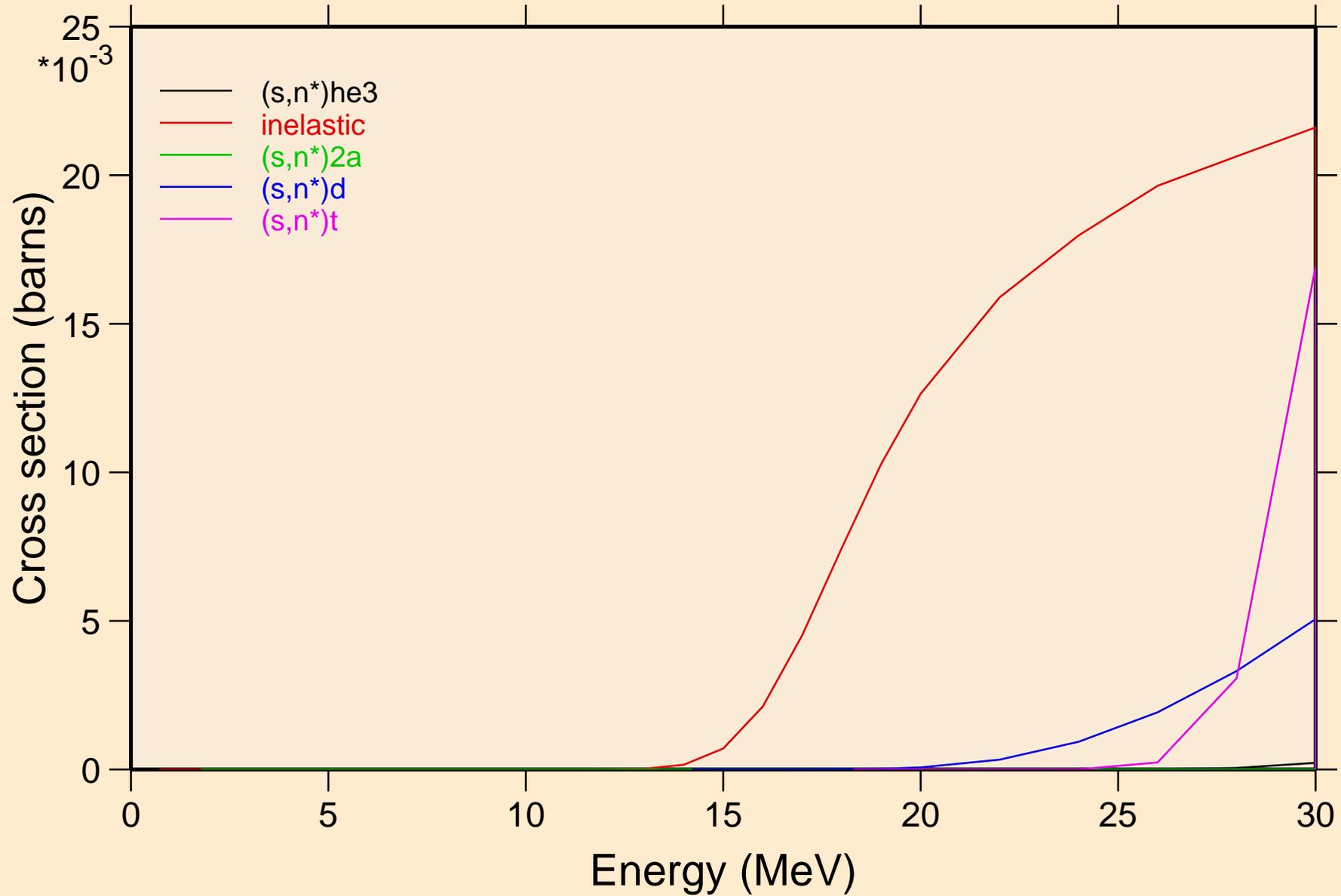


# IN103 HELION ACER TENDL-2024 LIBRARY; T=0.K

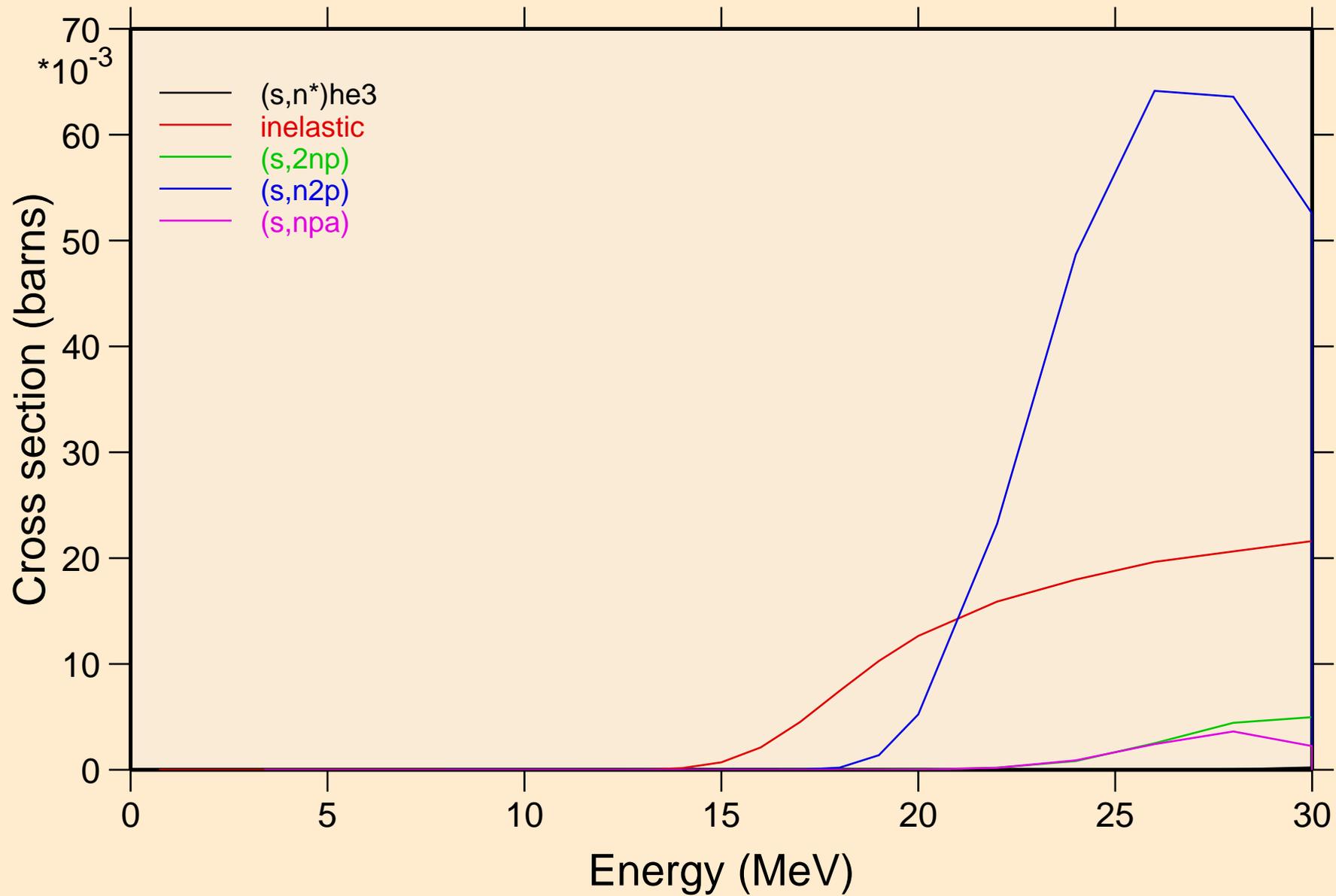
## Threshold reactions



IN103 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

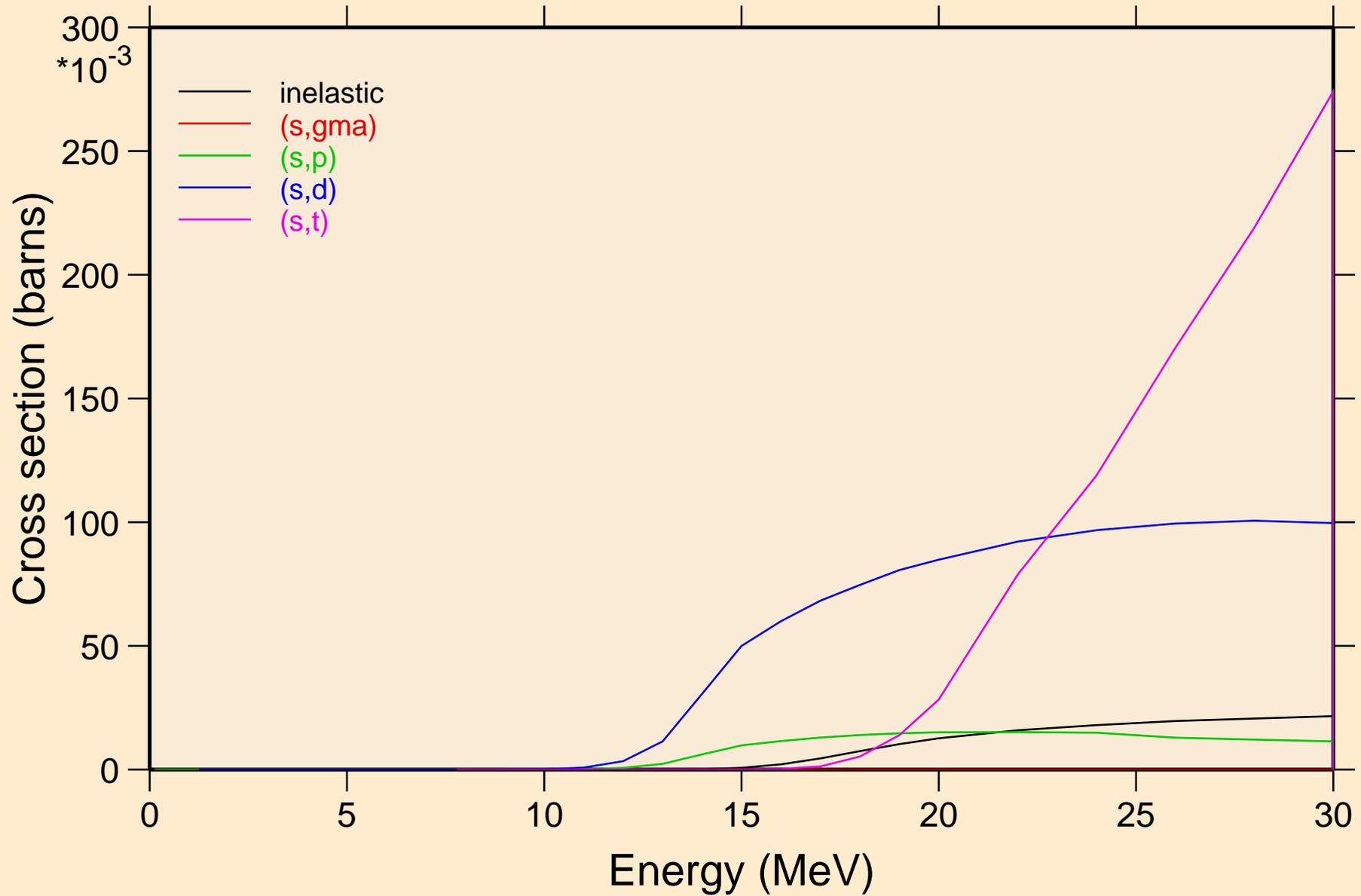


IN103 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



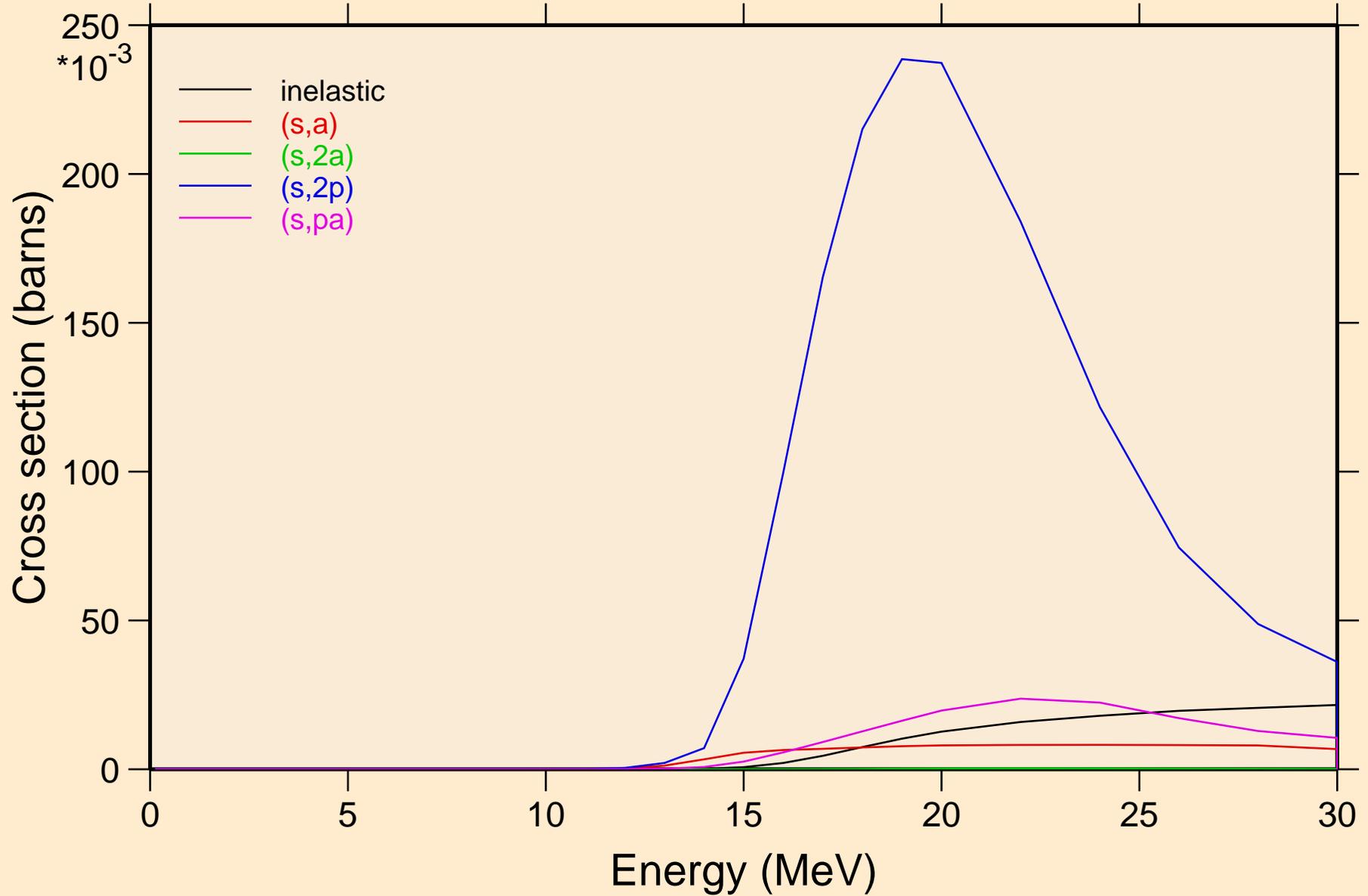
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## Threshold reactions

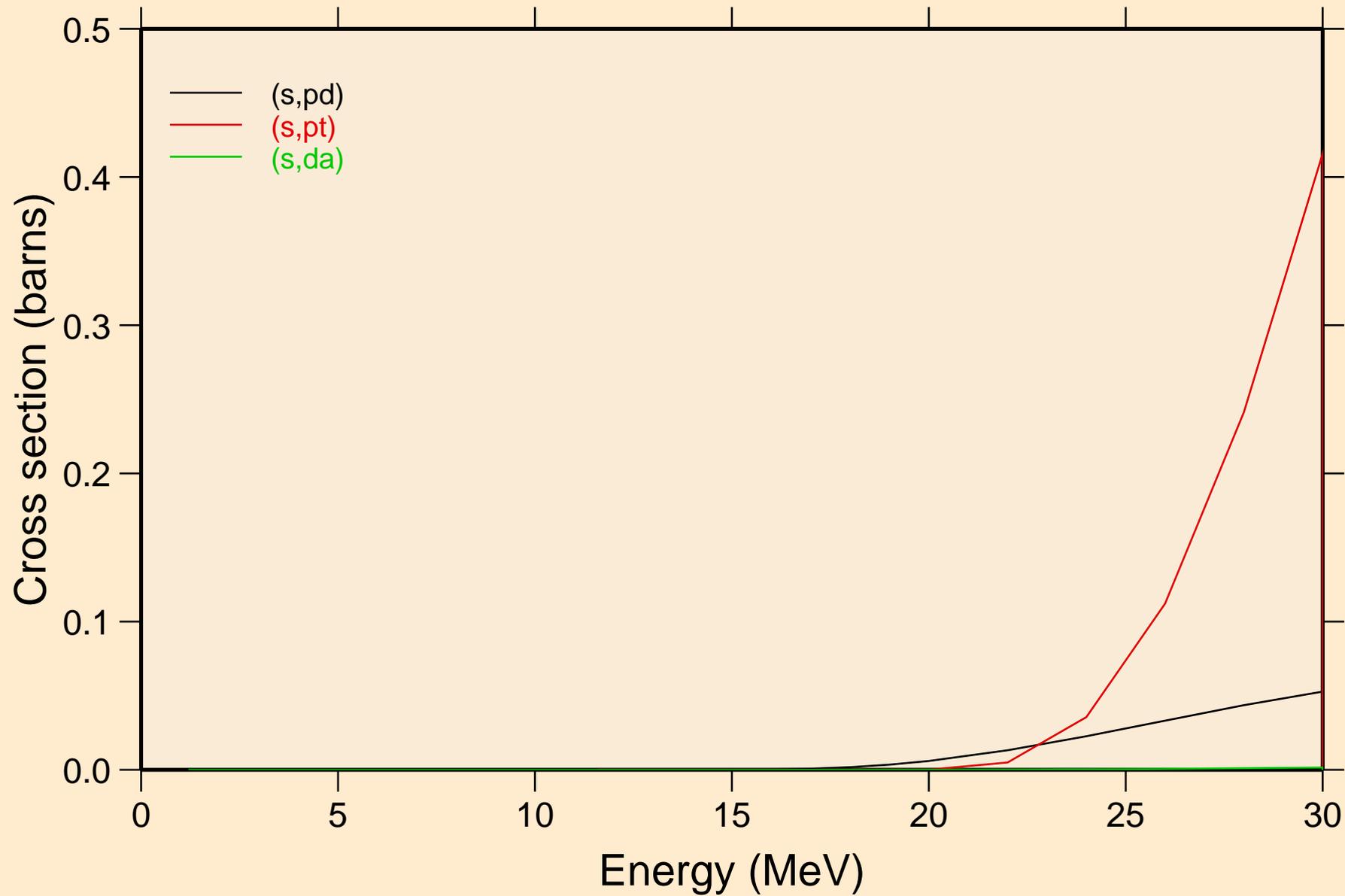


# IN103 HELION ACER TENDL-2024 LIBRARY; T=0.K

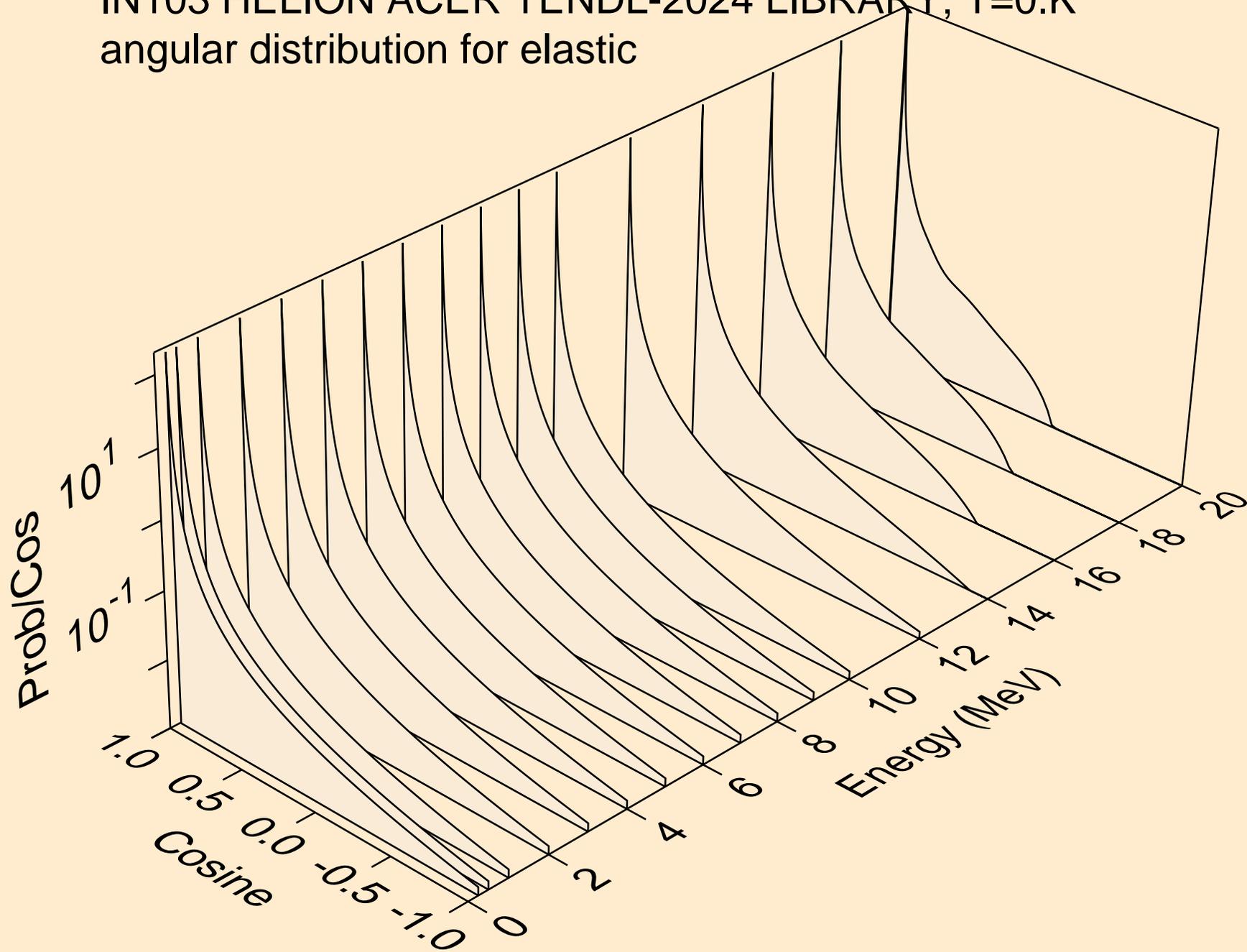
## Threshold reactions



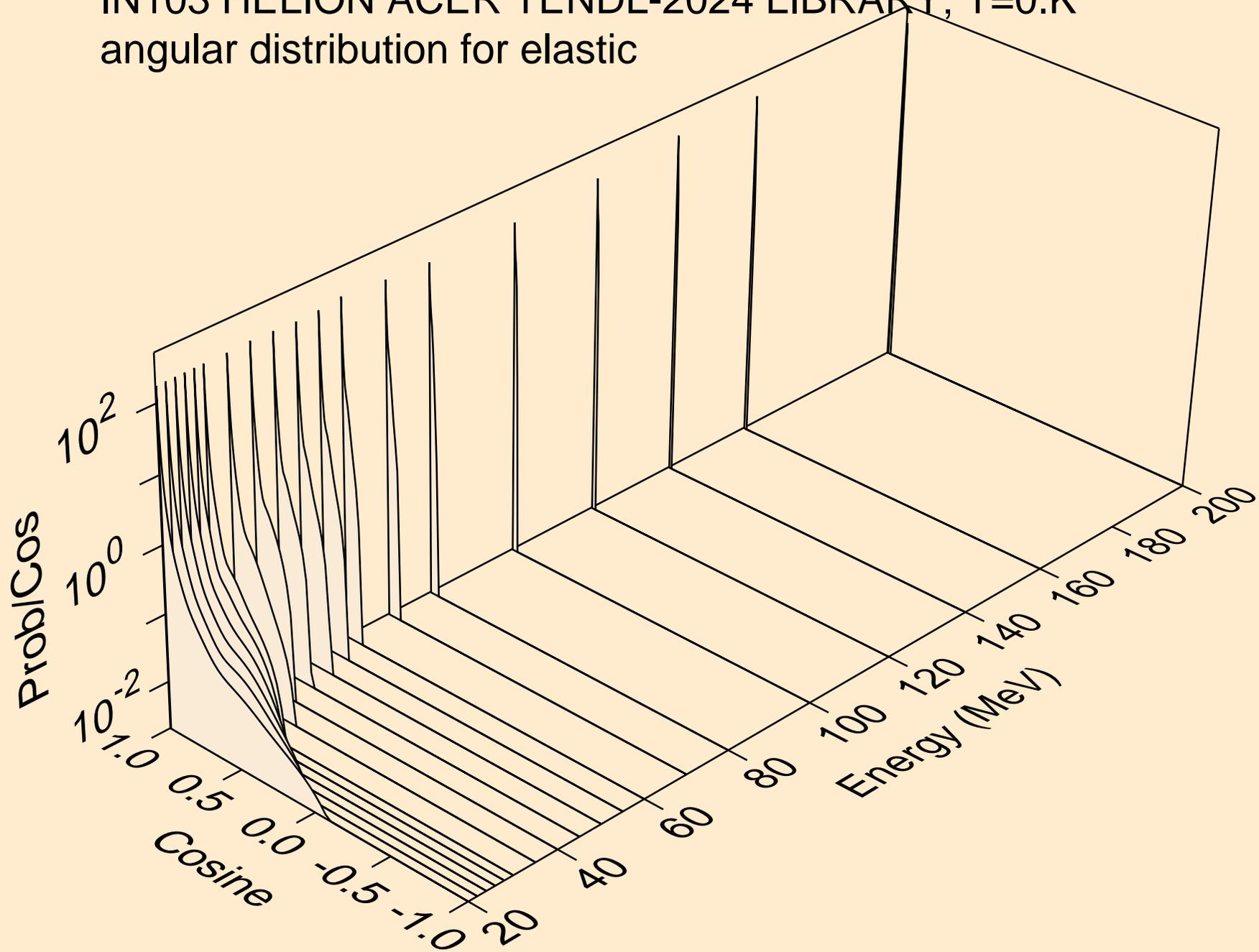
IN103 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



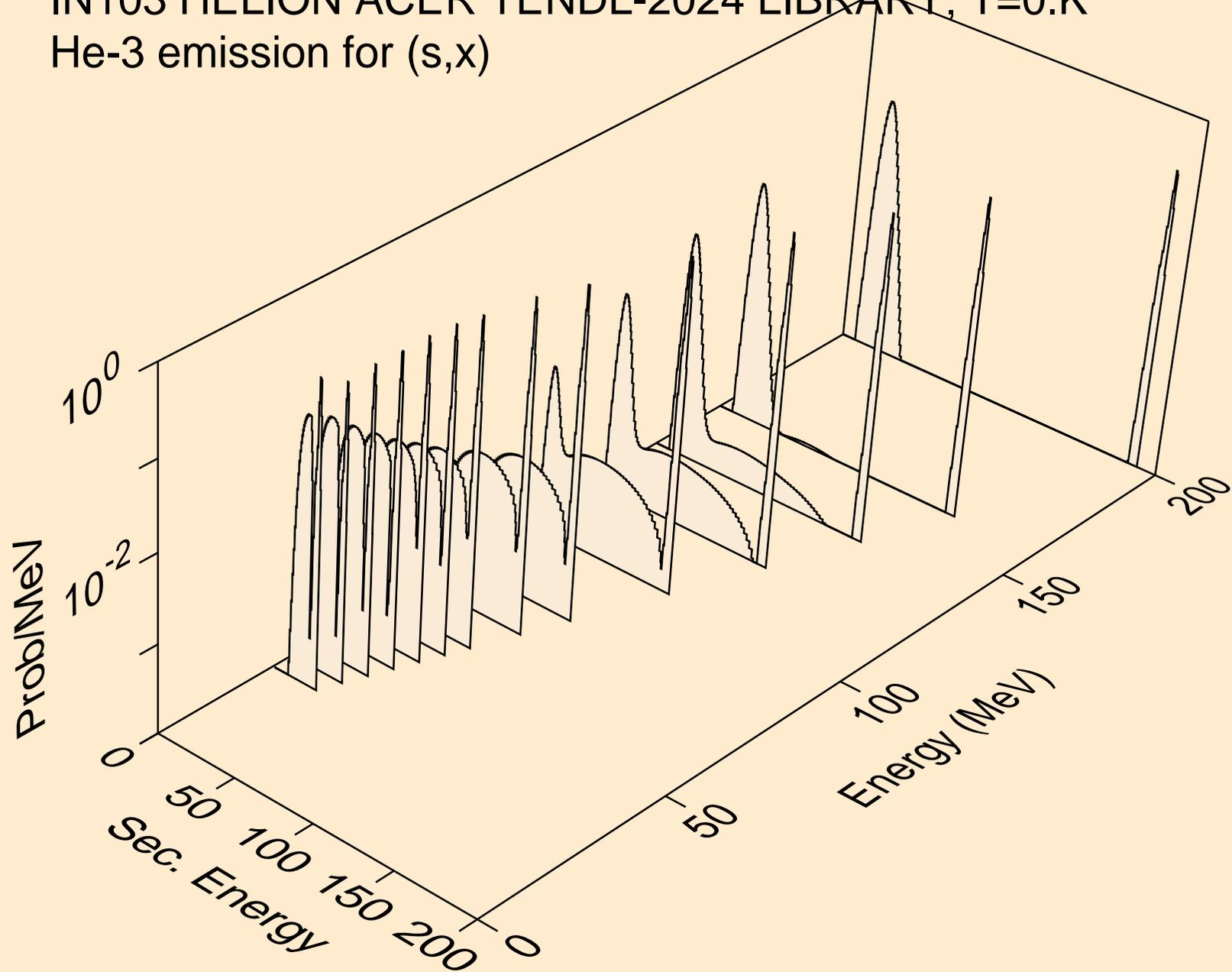
IN103 HELION ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



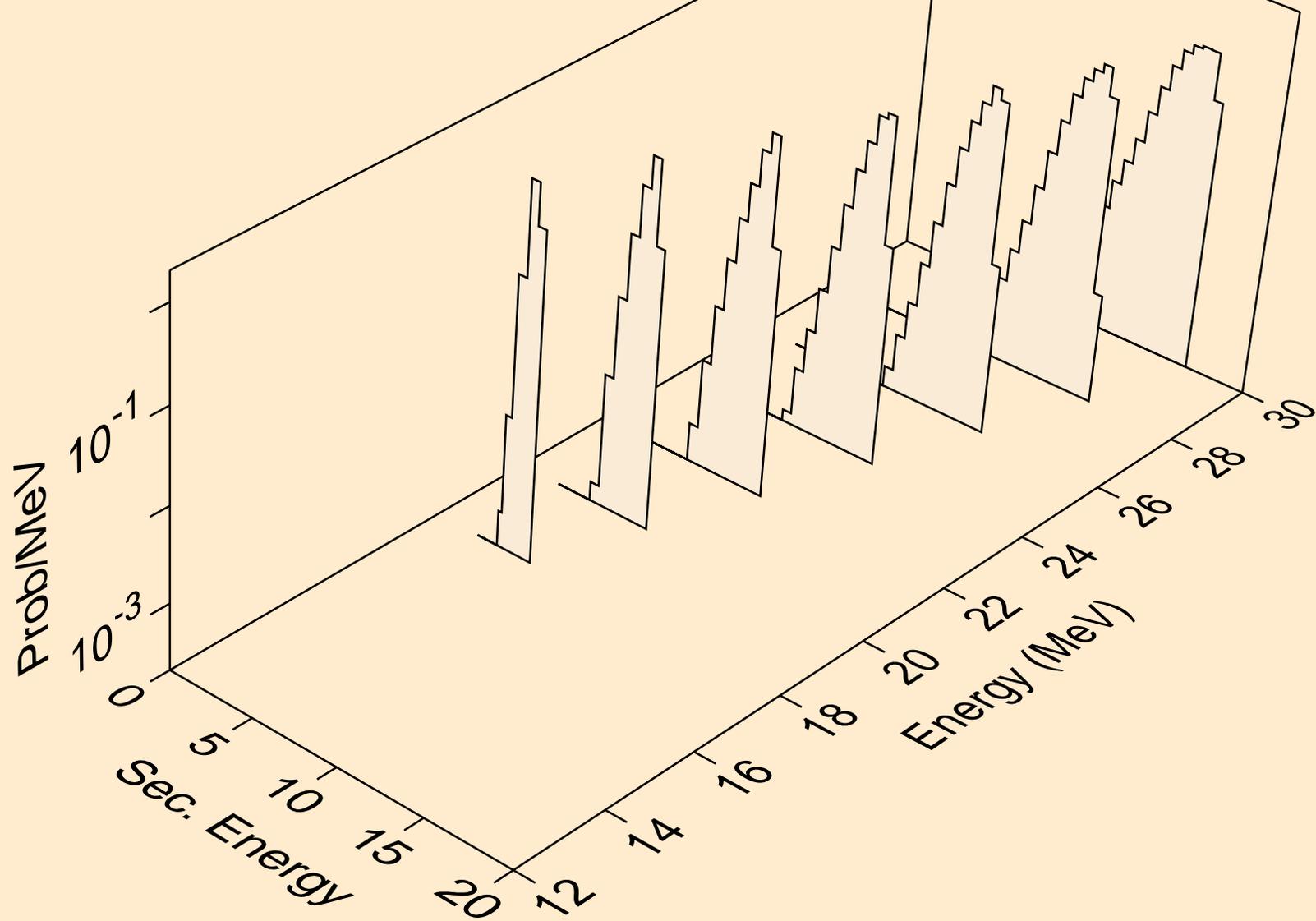
IN103 HELION ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



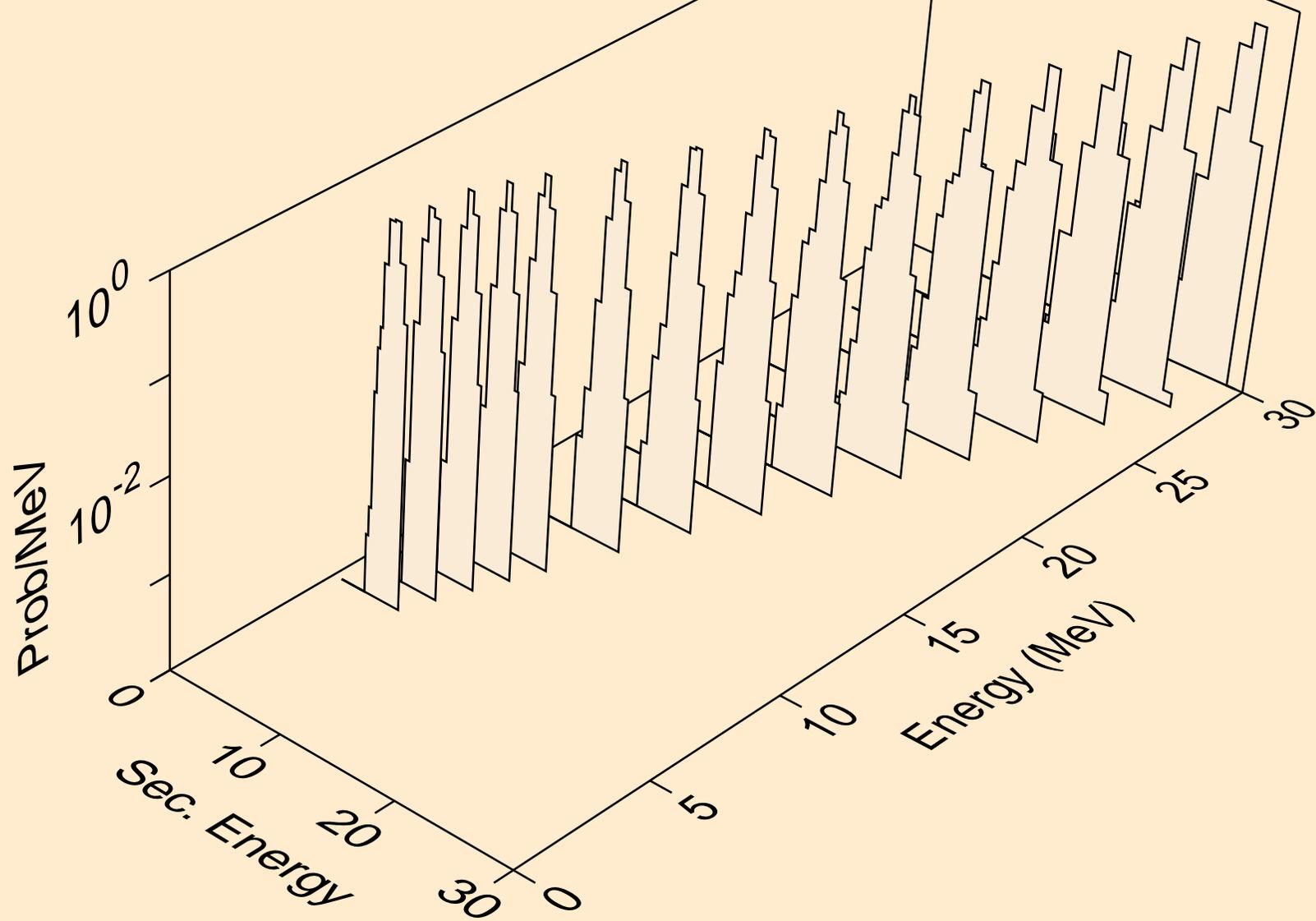
IN103 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for (s,x)



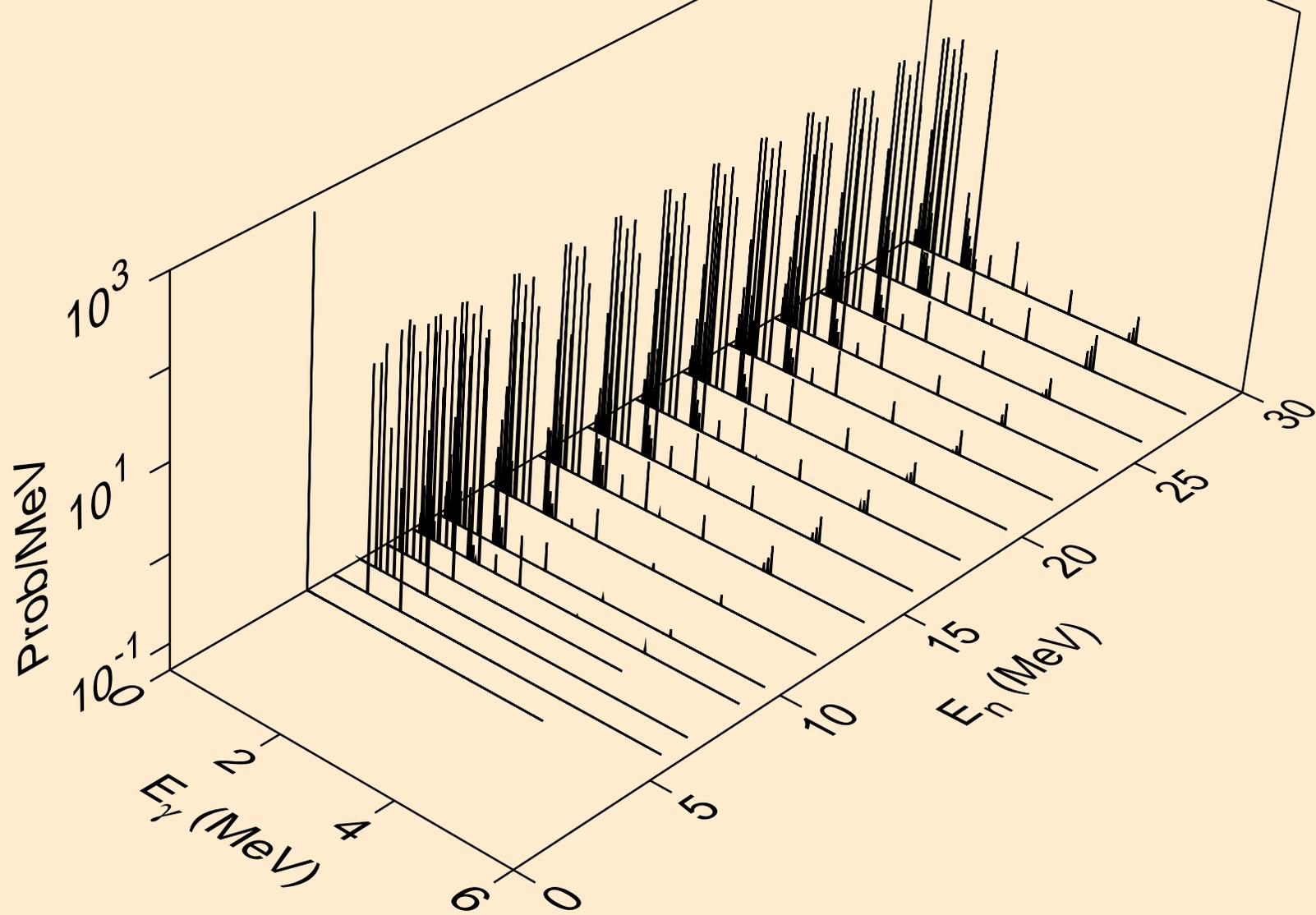
IN103 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3



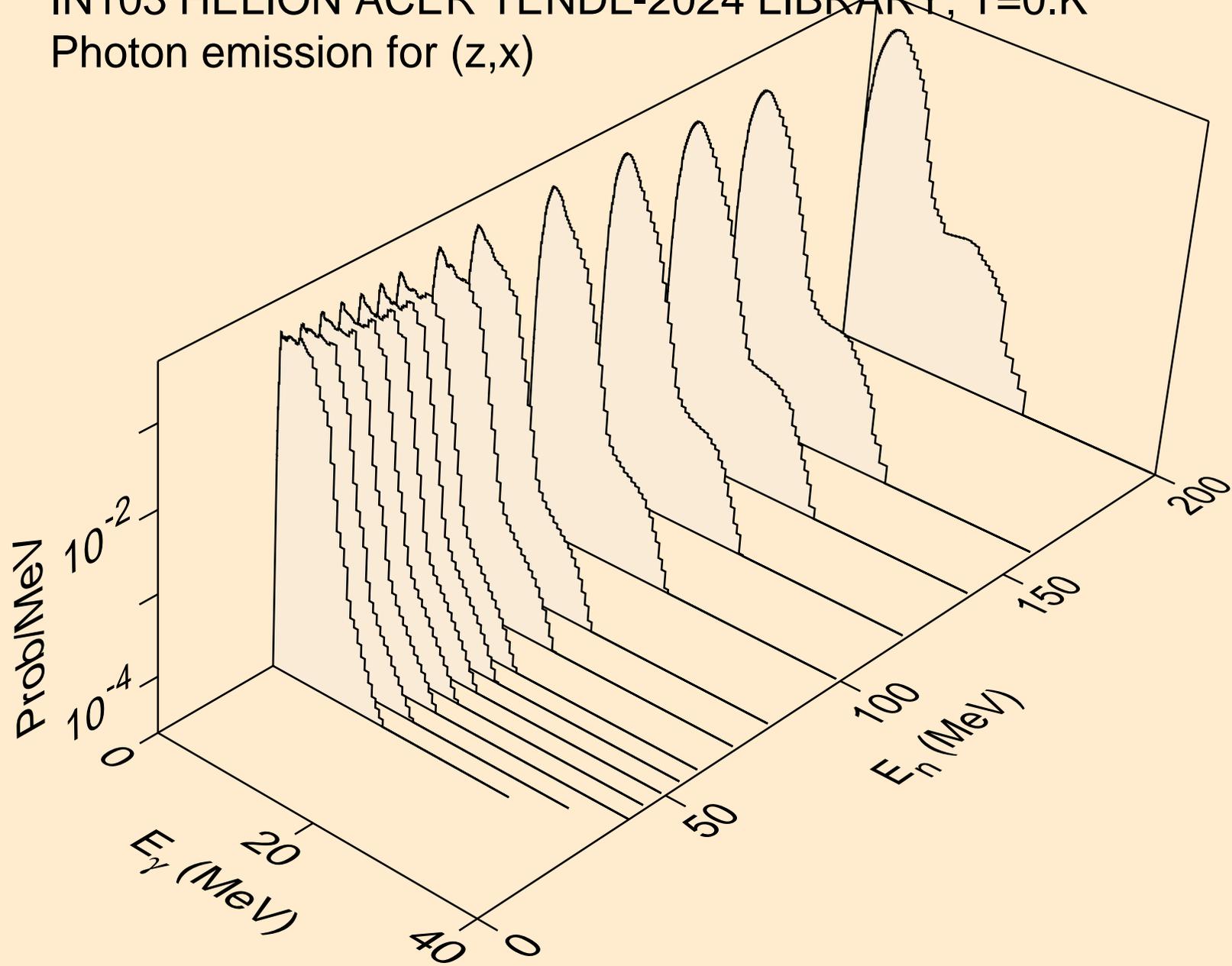
IN103 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for inelastic



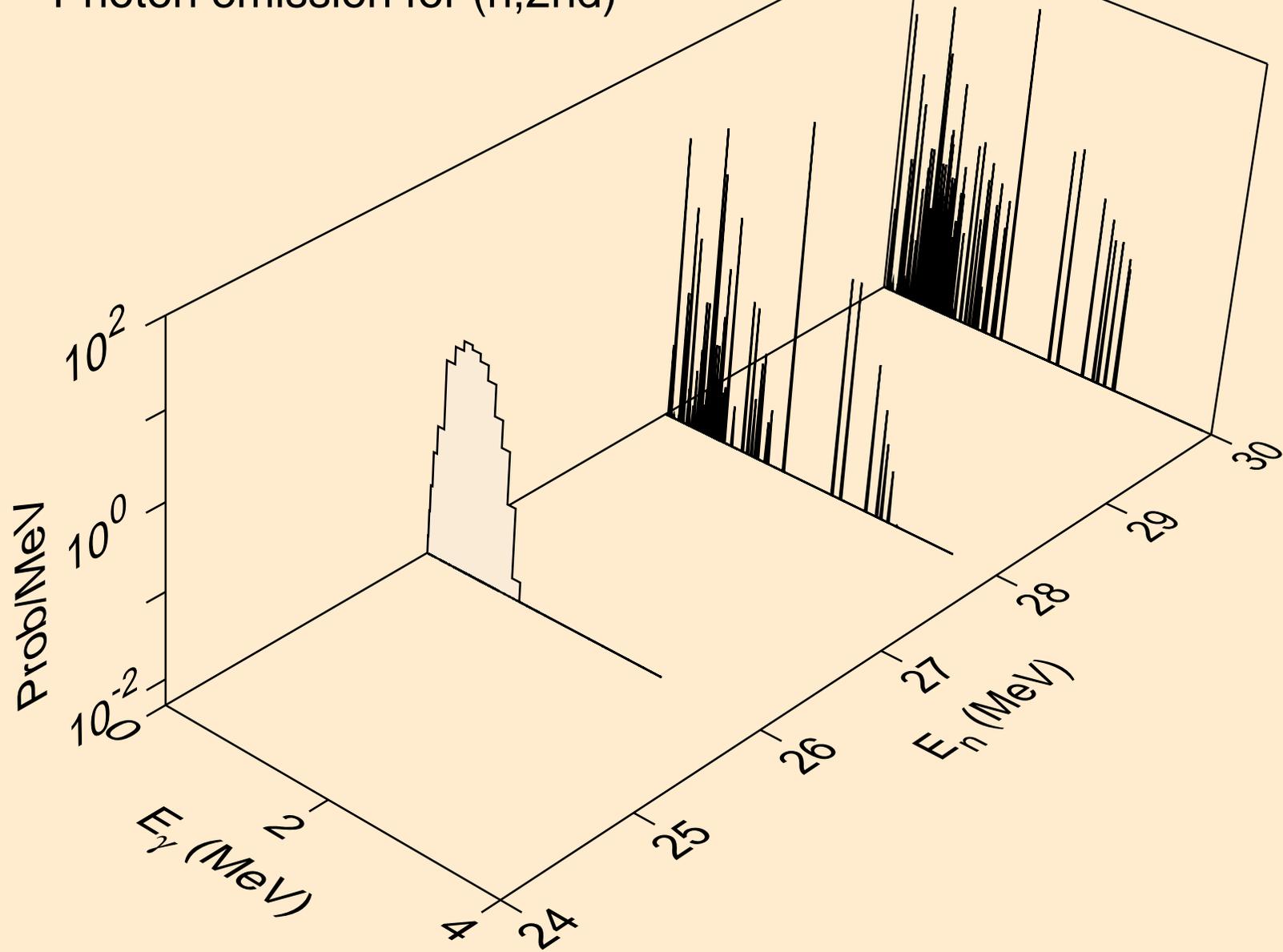
IN103 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,n)



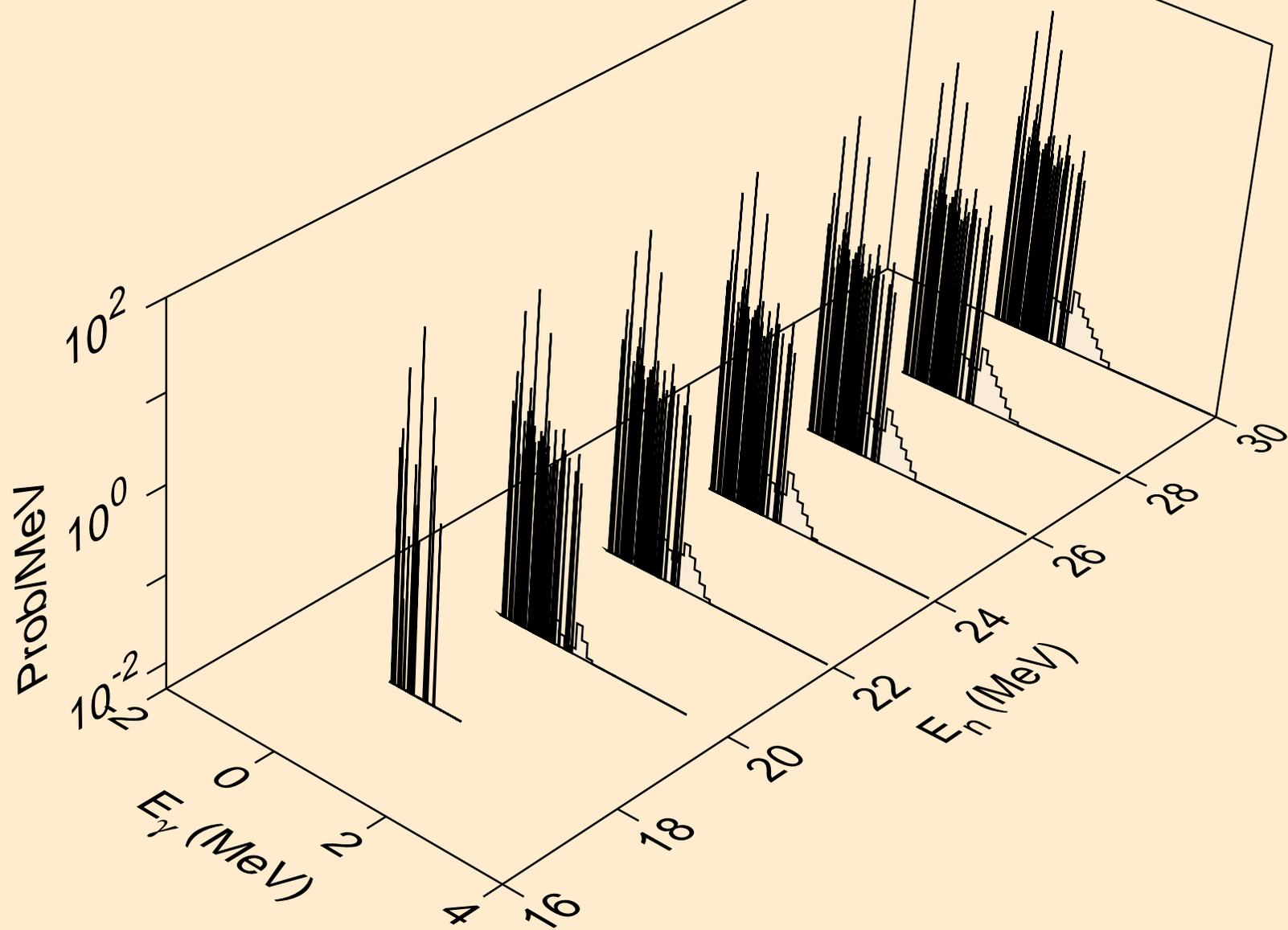
IN103 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,x)



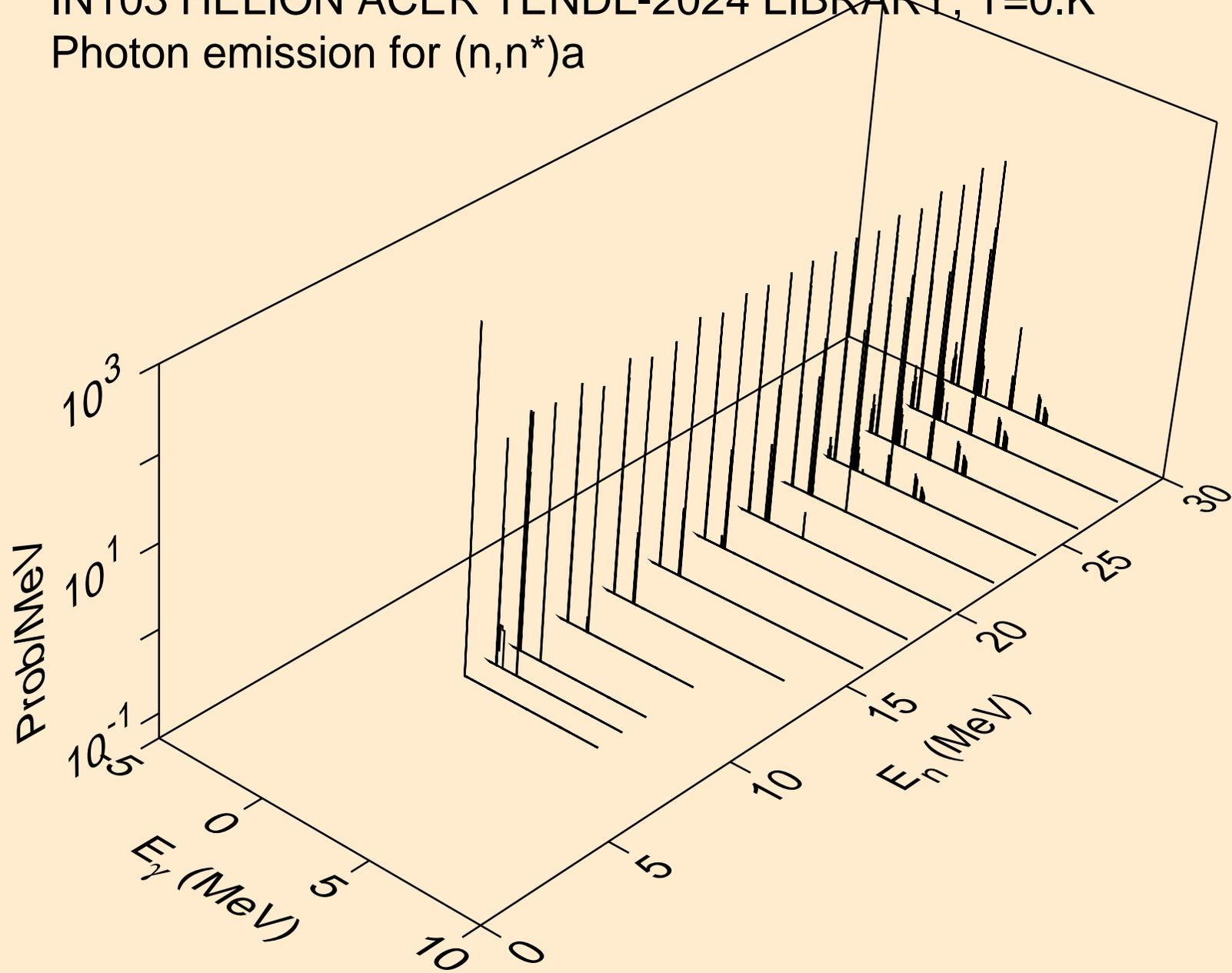
IN103 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



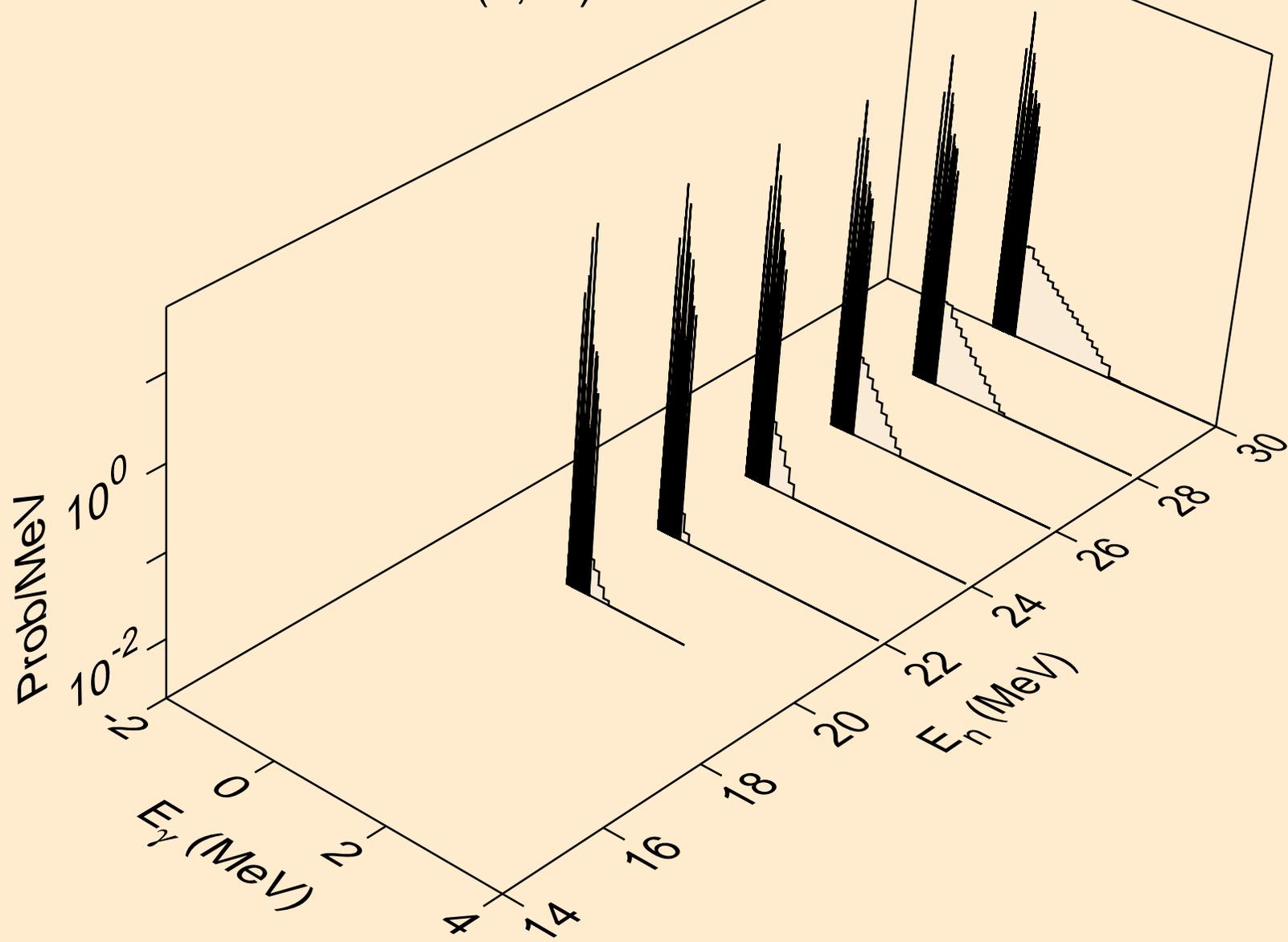
IN103 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



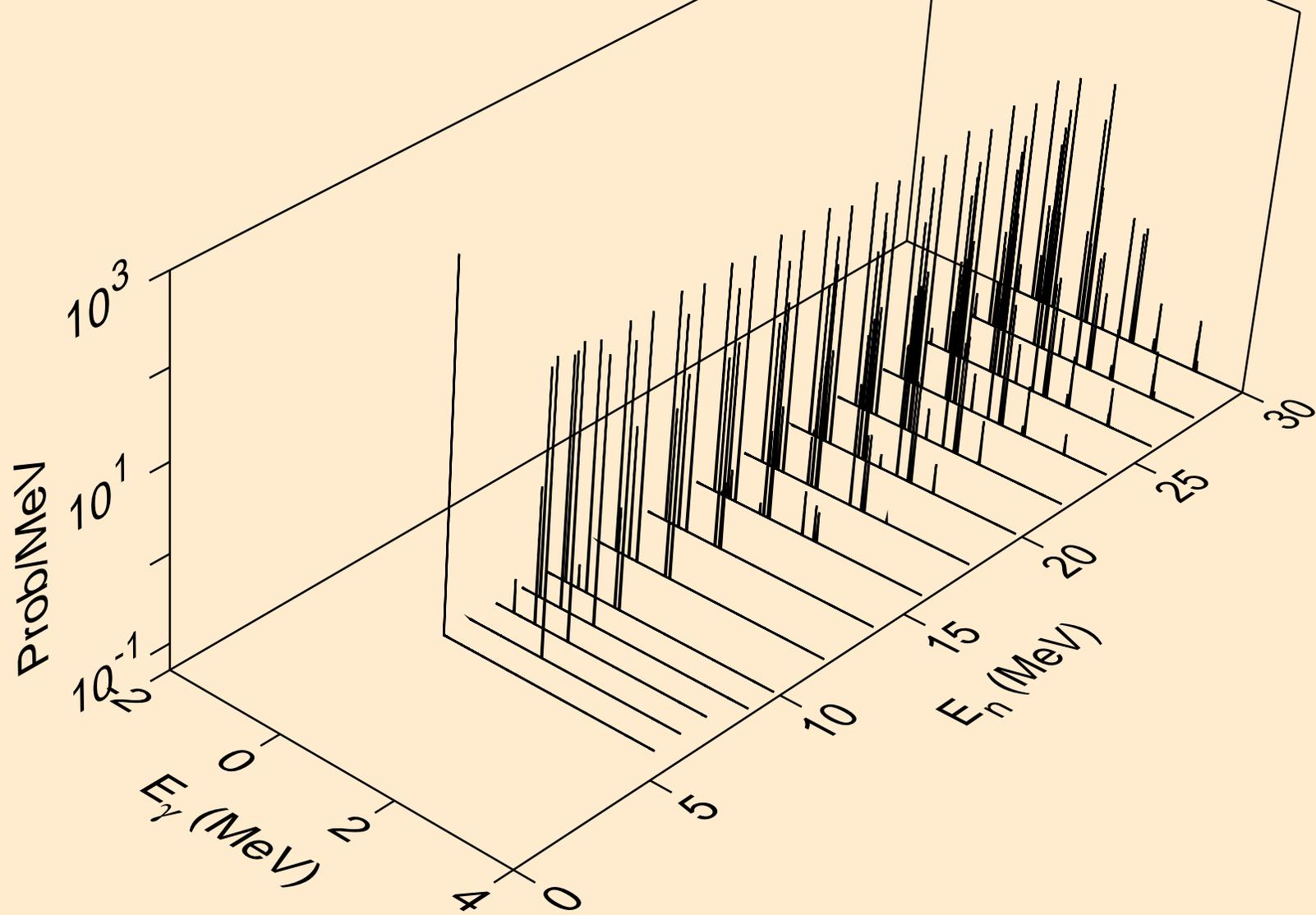
IN103 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



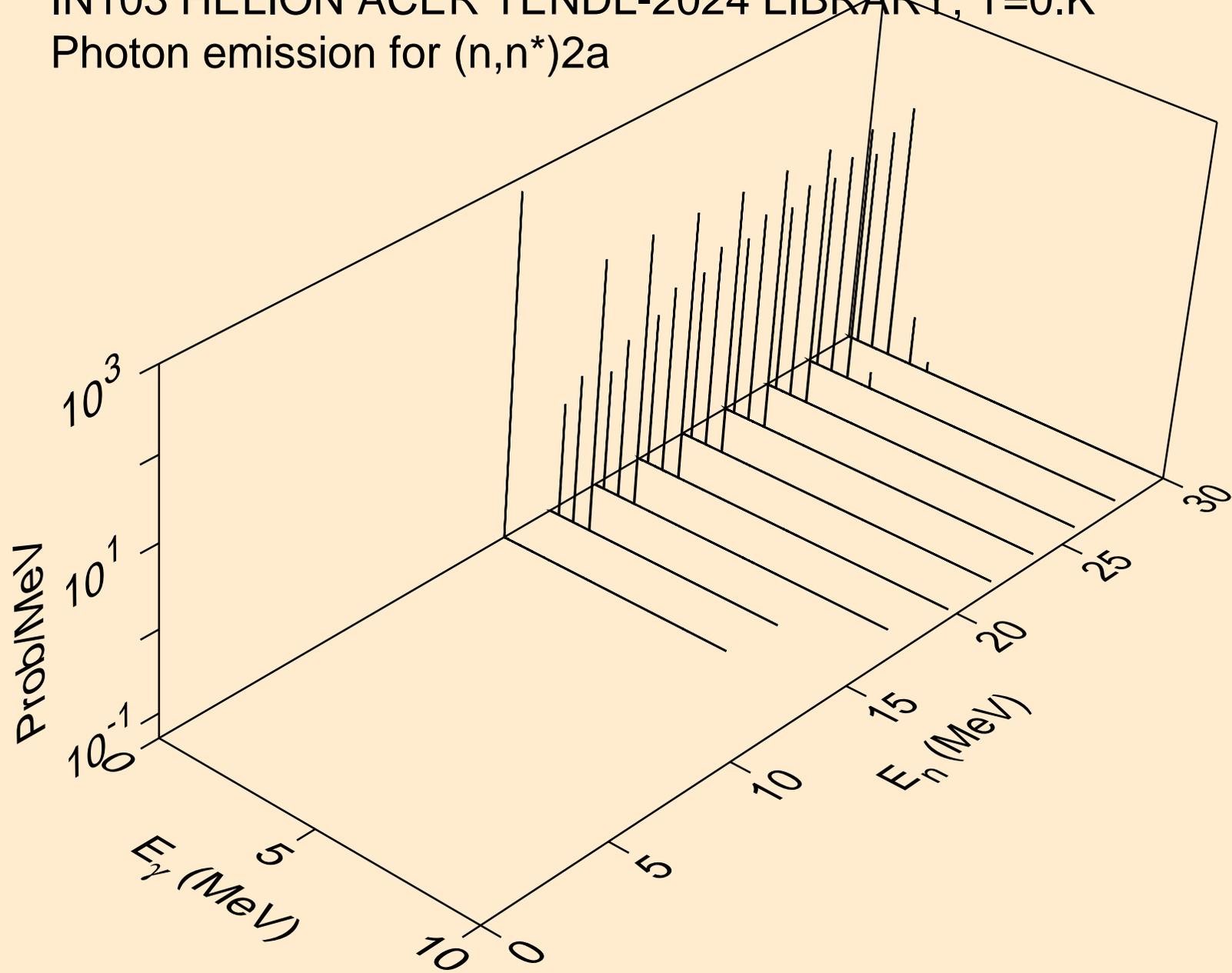
IN103 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



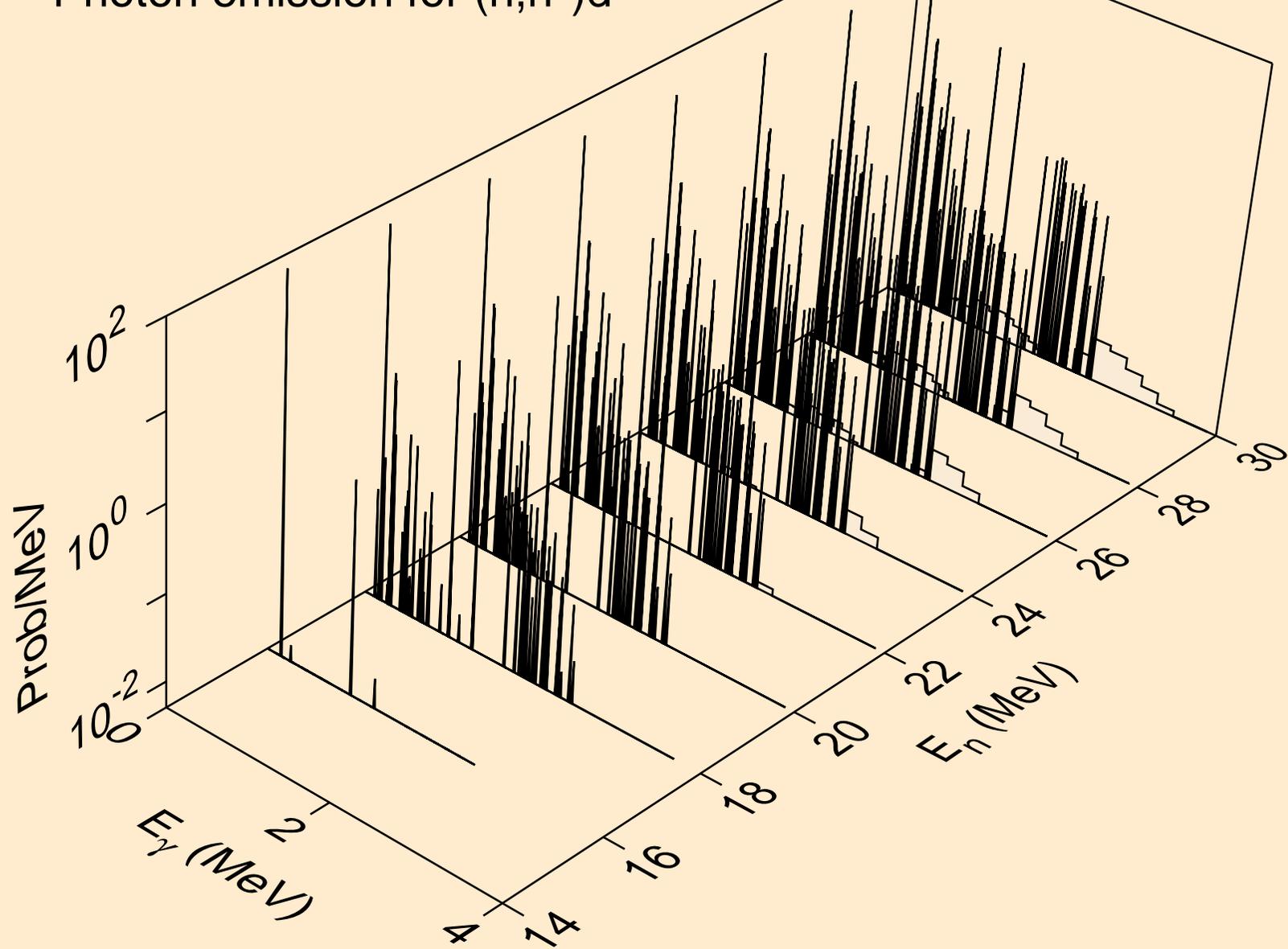
IN103 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



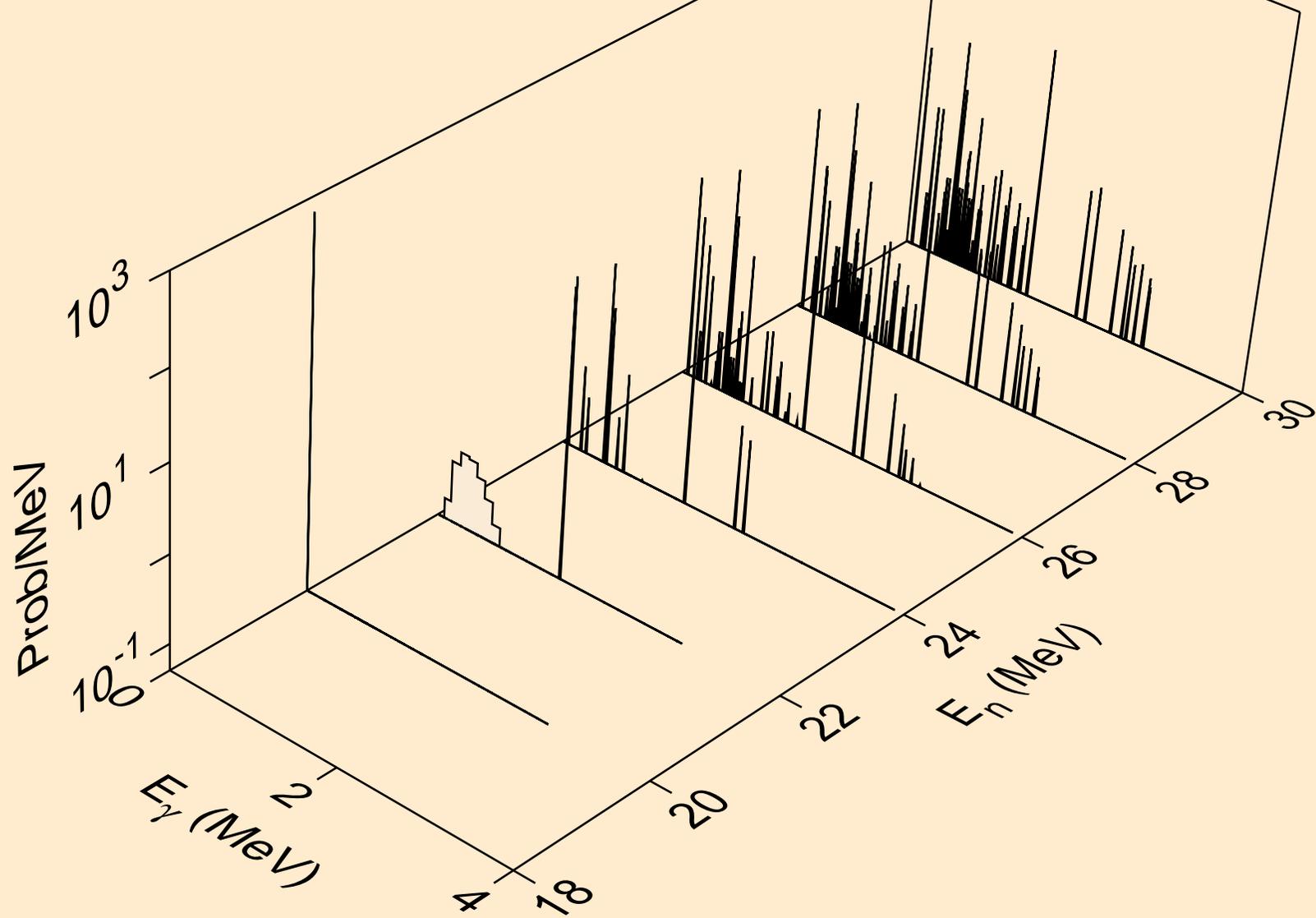
IN103 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



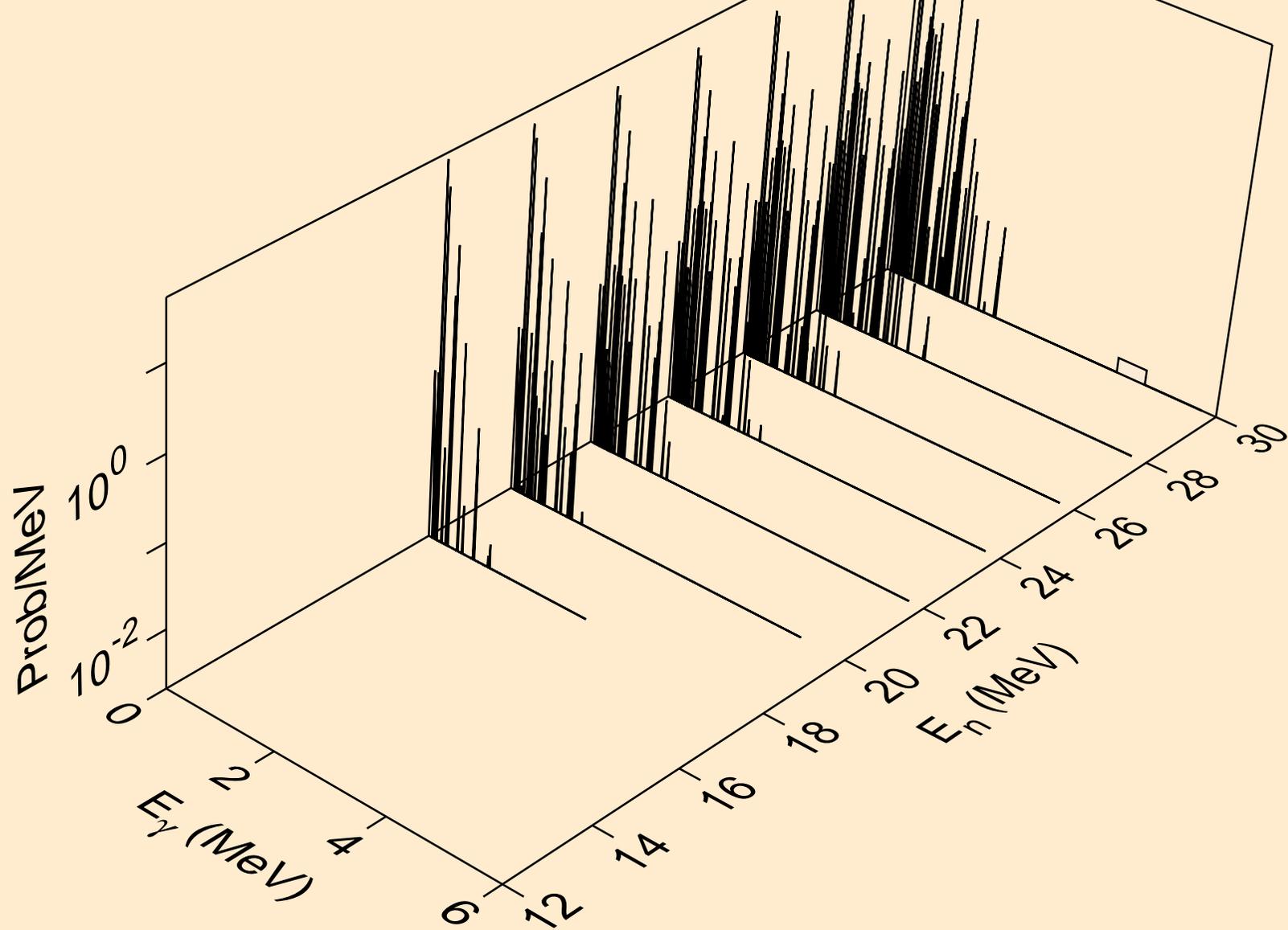
IN103 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



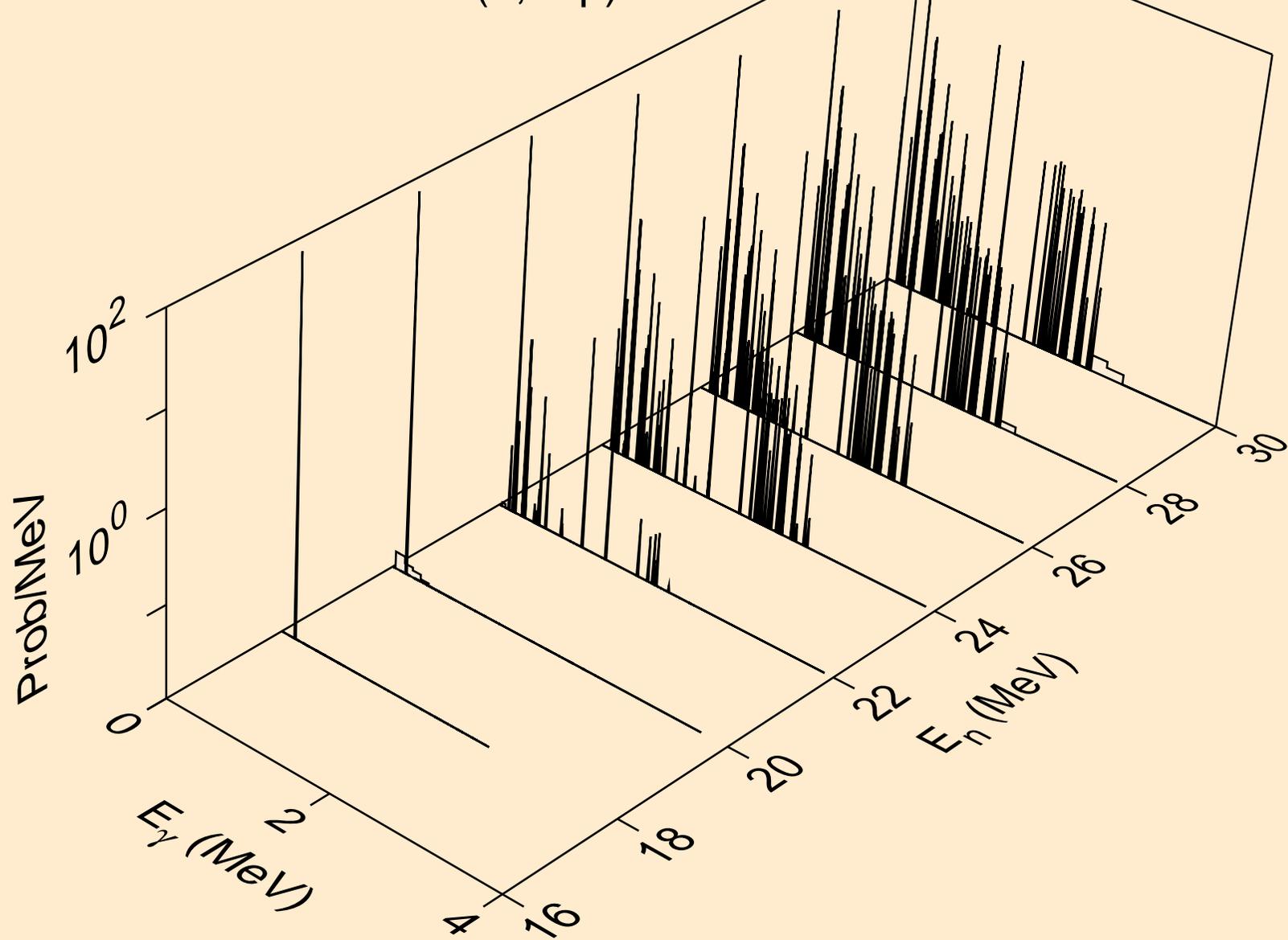
IN103 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



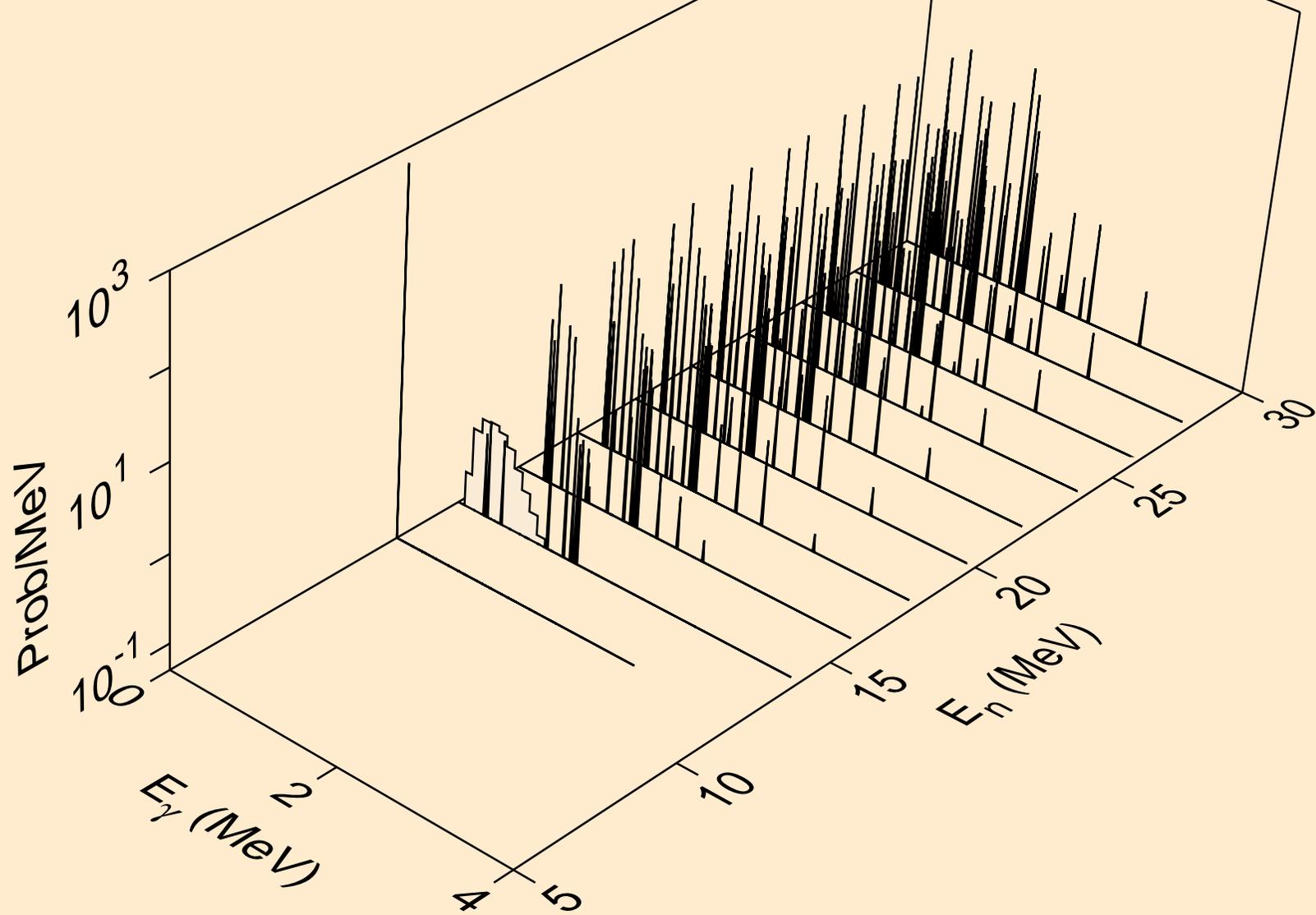
IN103 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



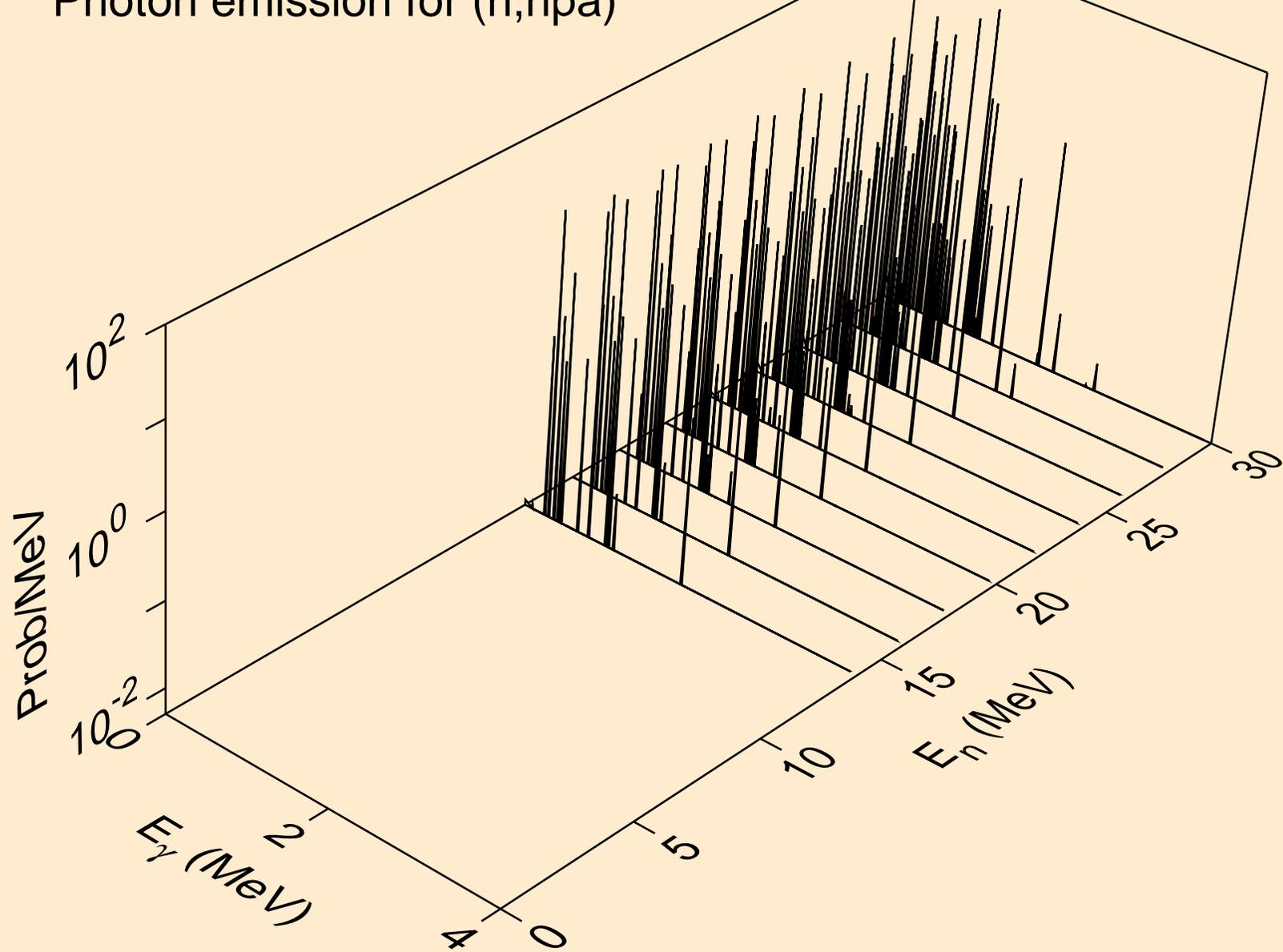
IN103 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



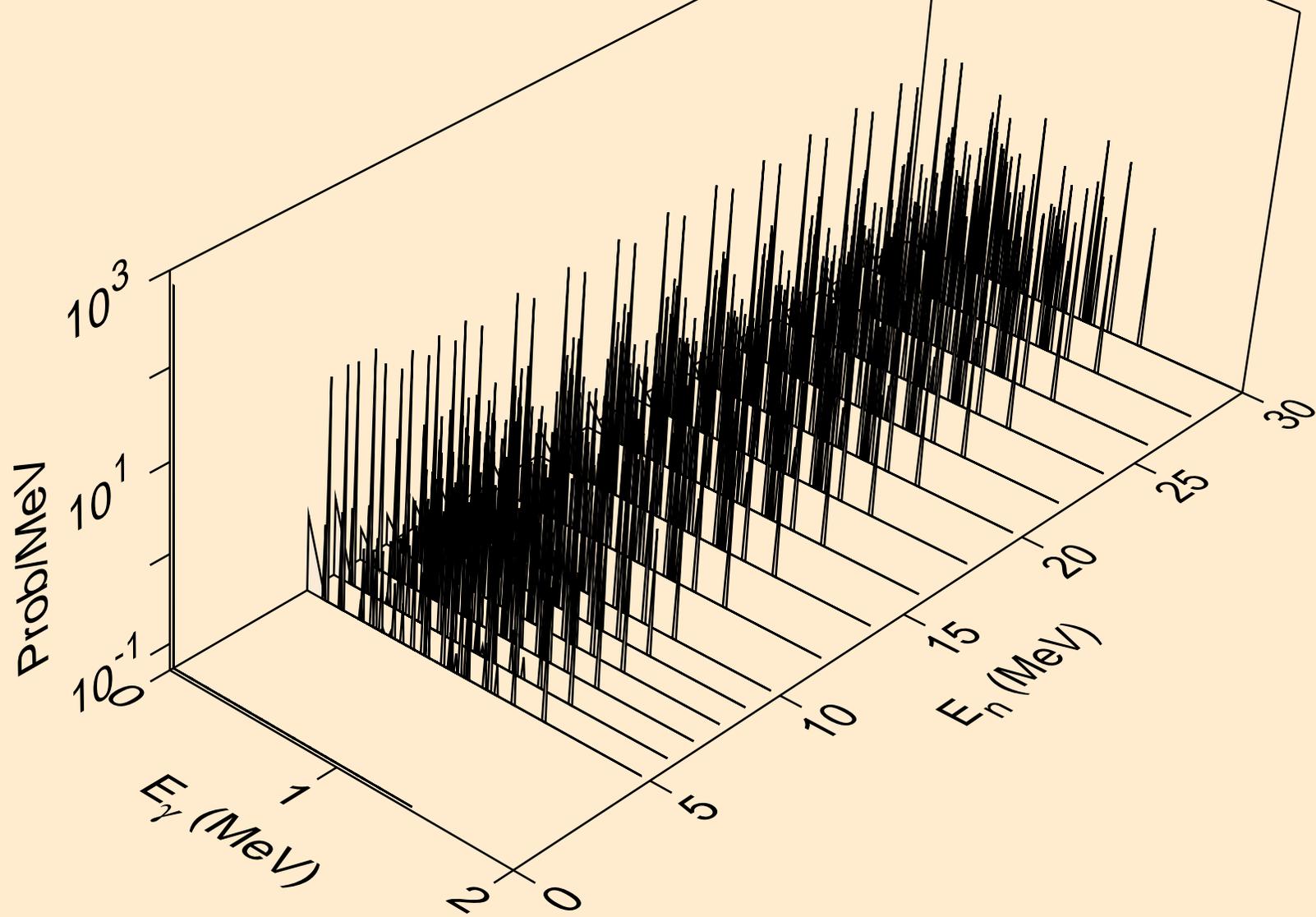
IN103 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



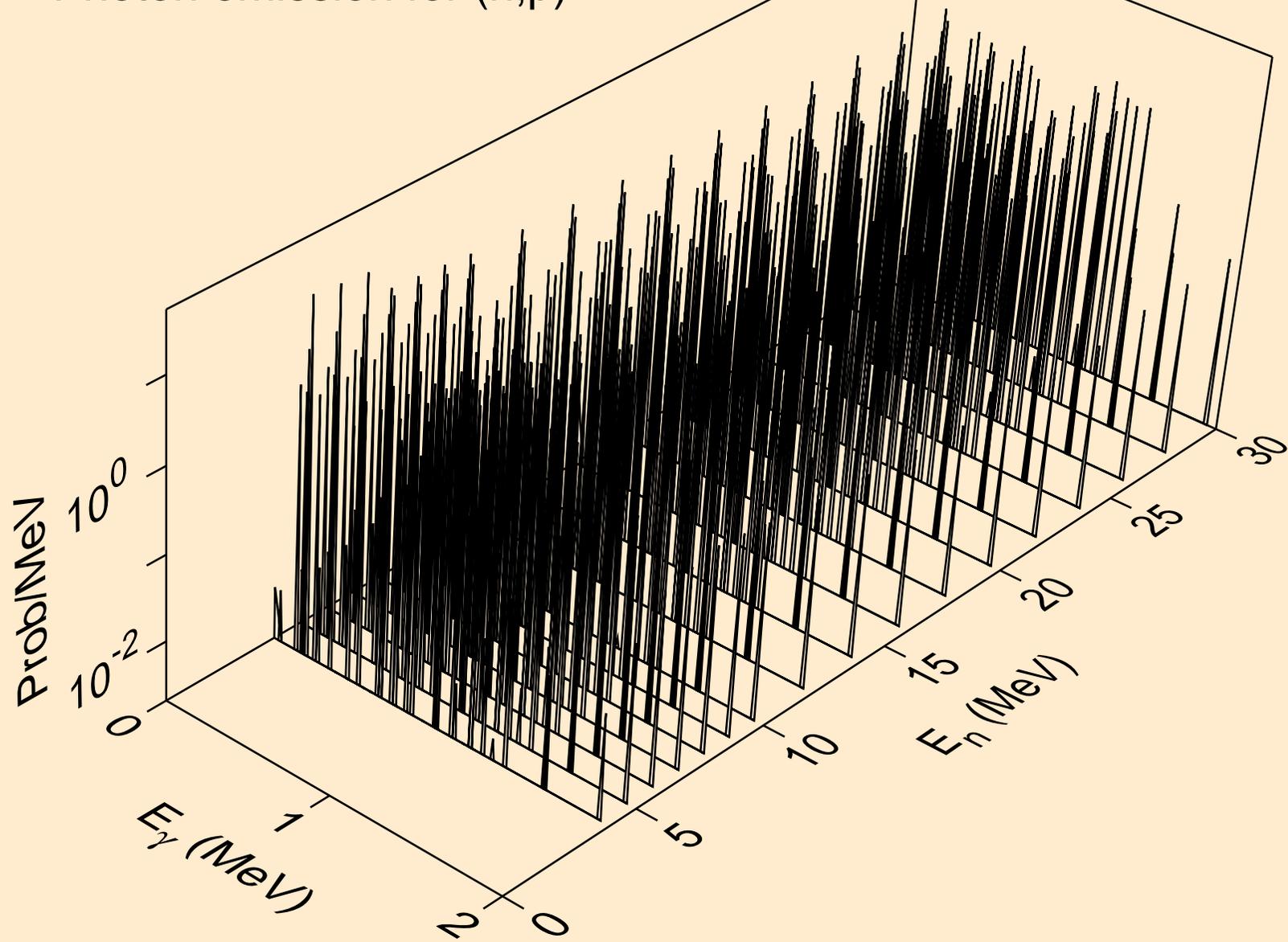
IN103 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



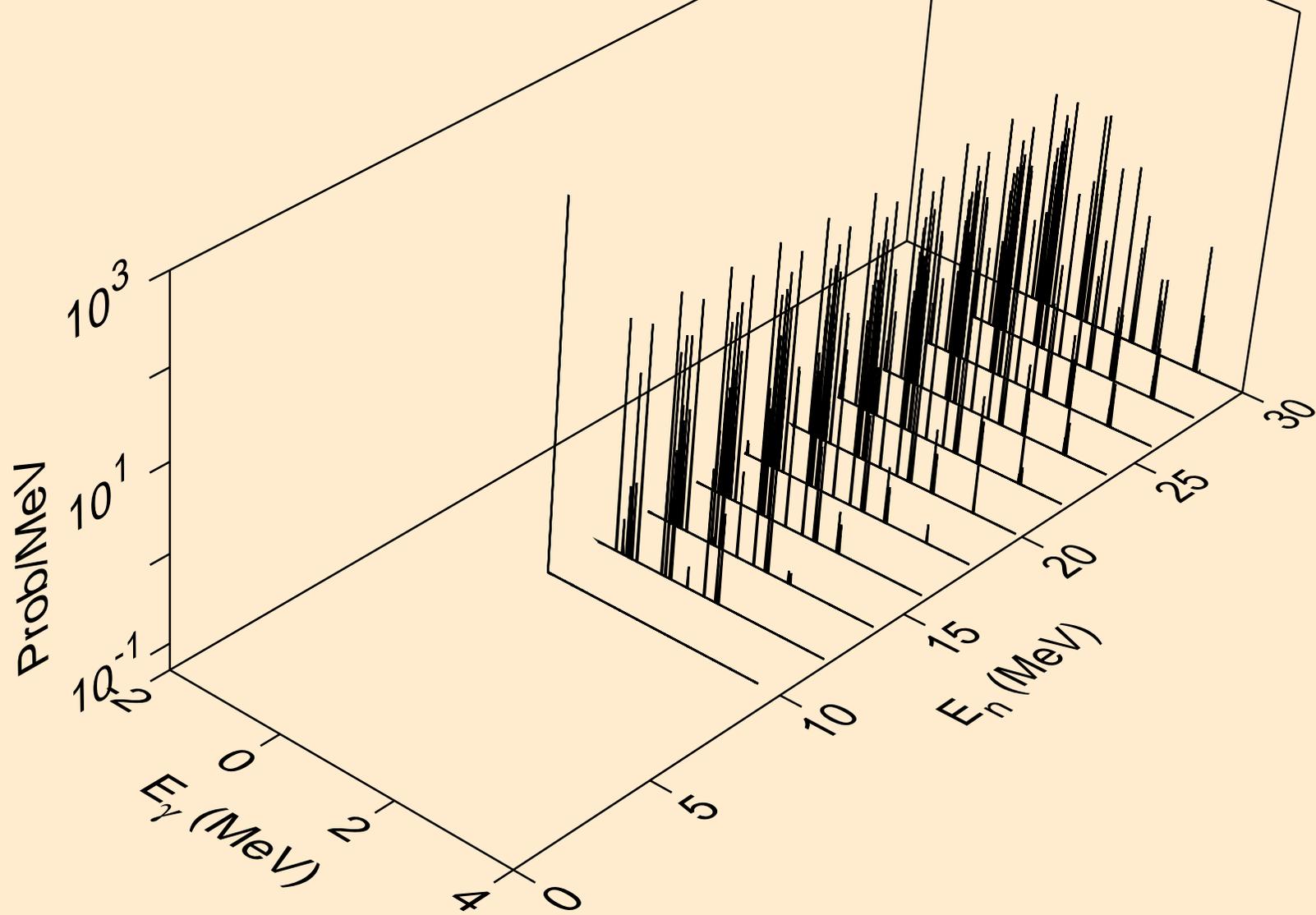
IN103 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



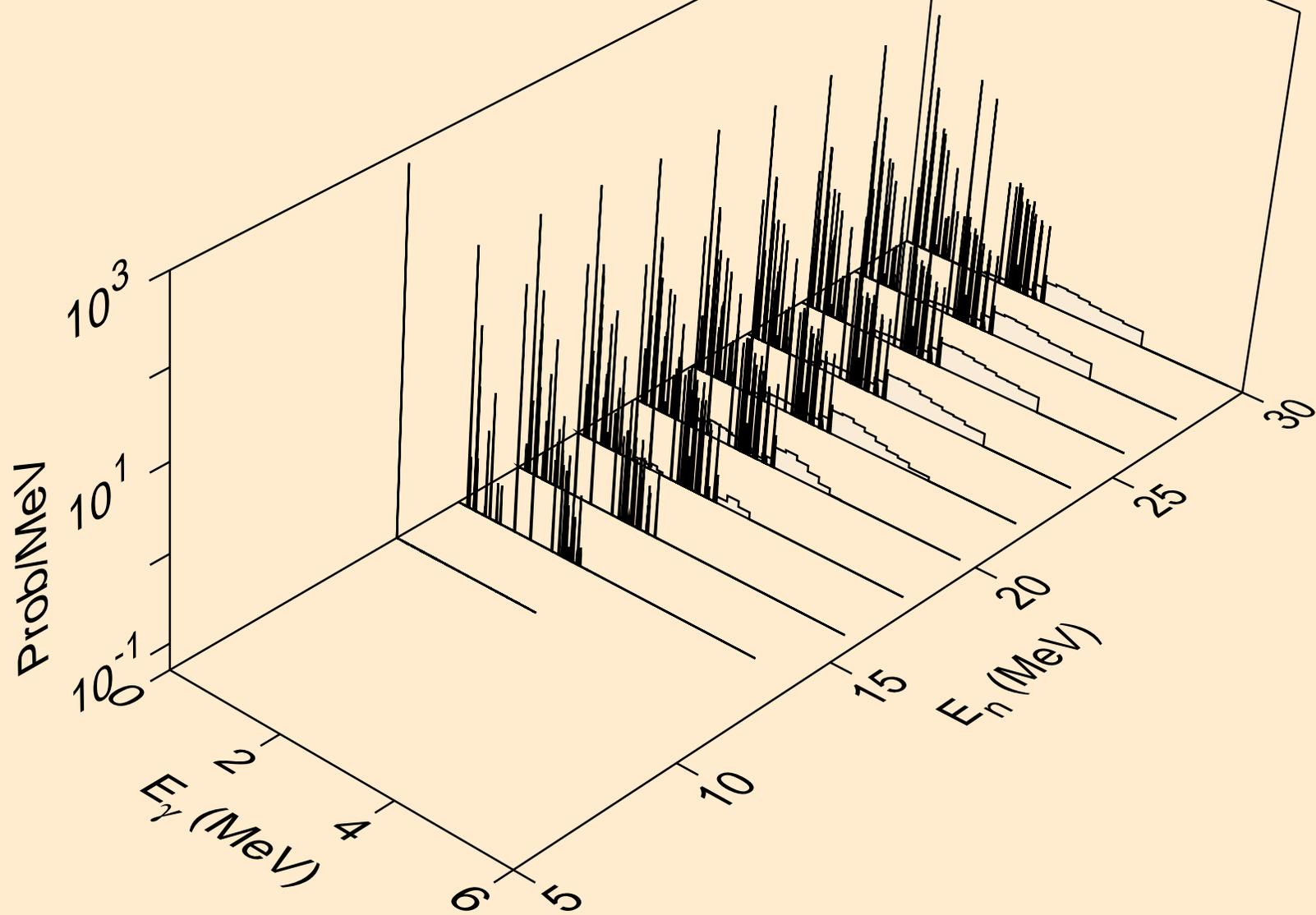
IN103 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



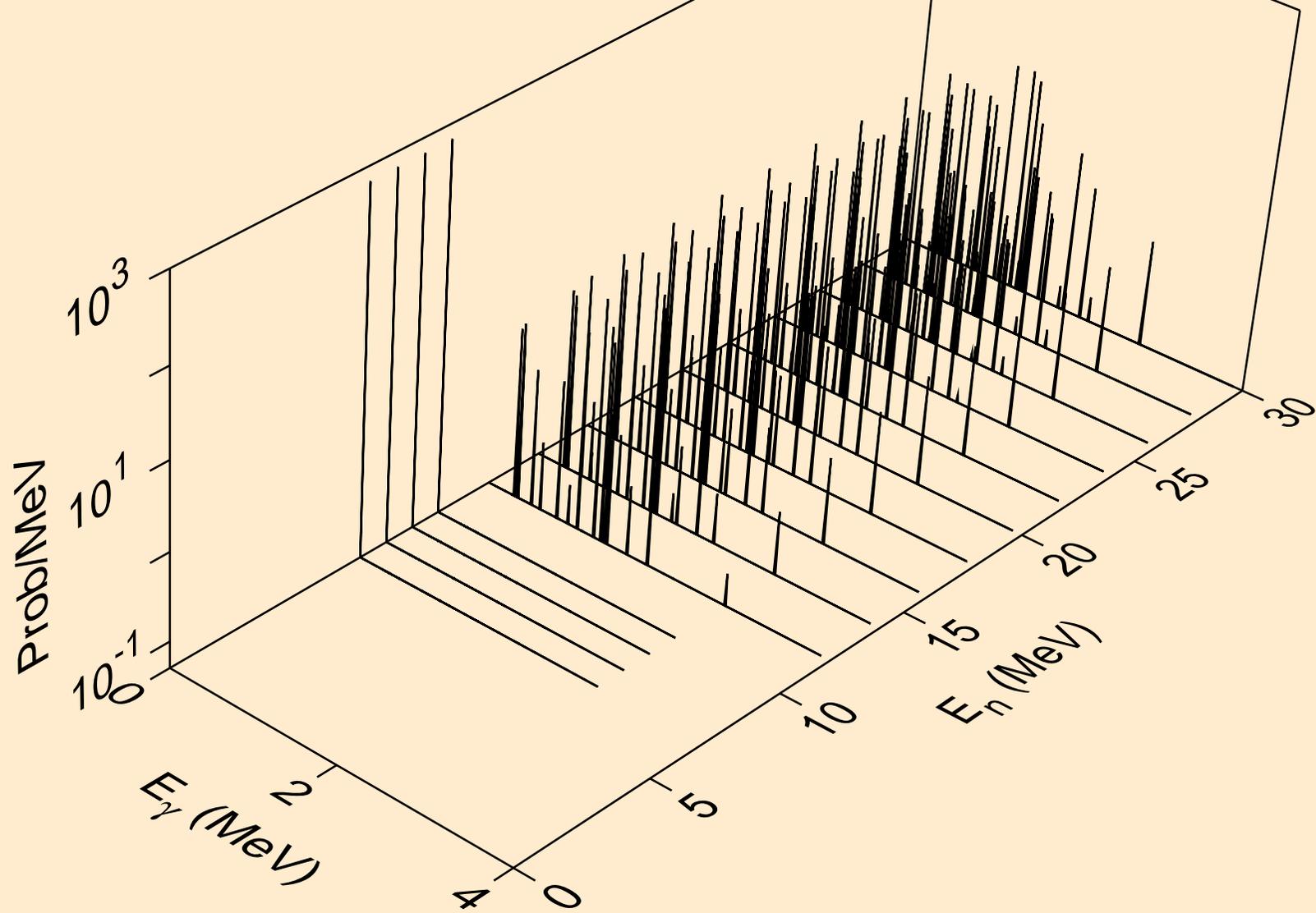
IN103 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



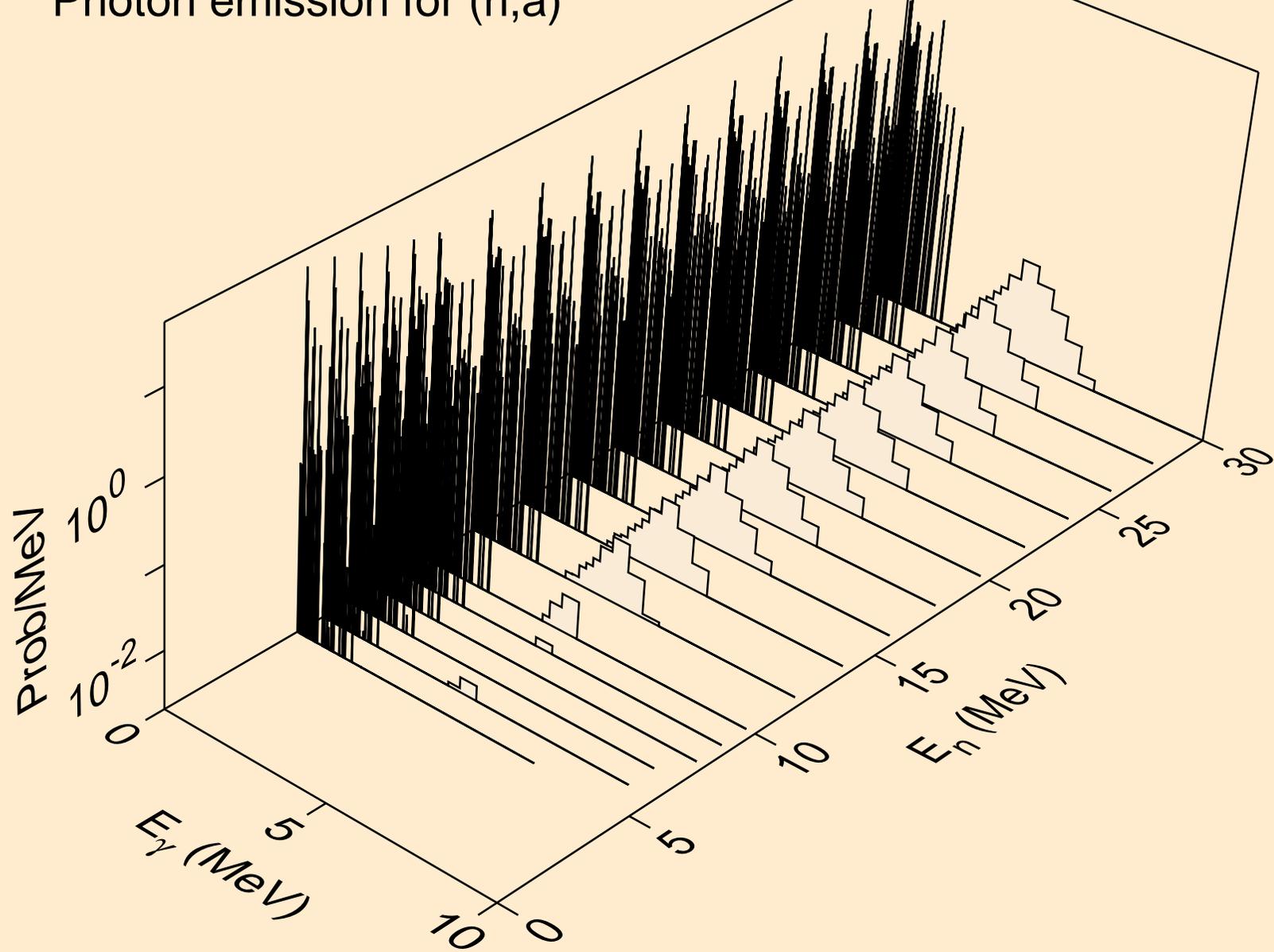
IN103 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



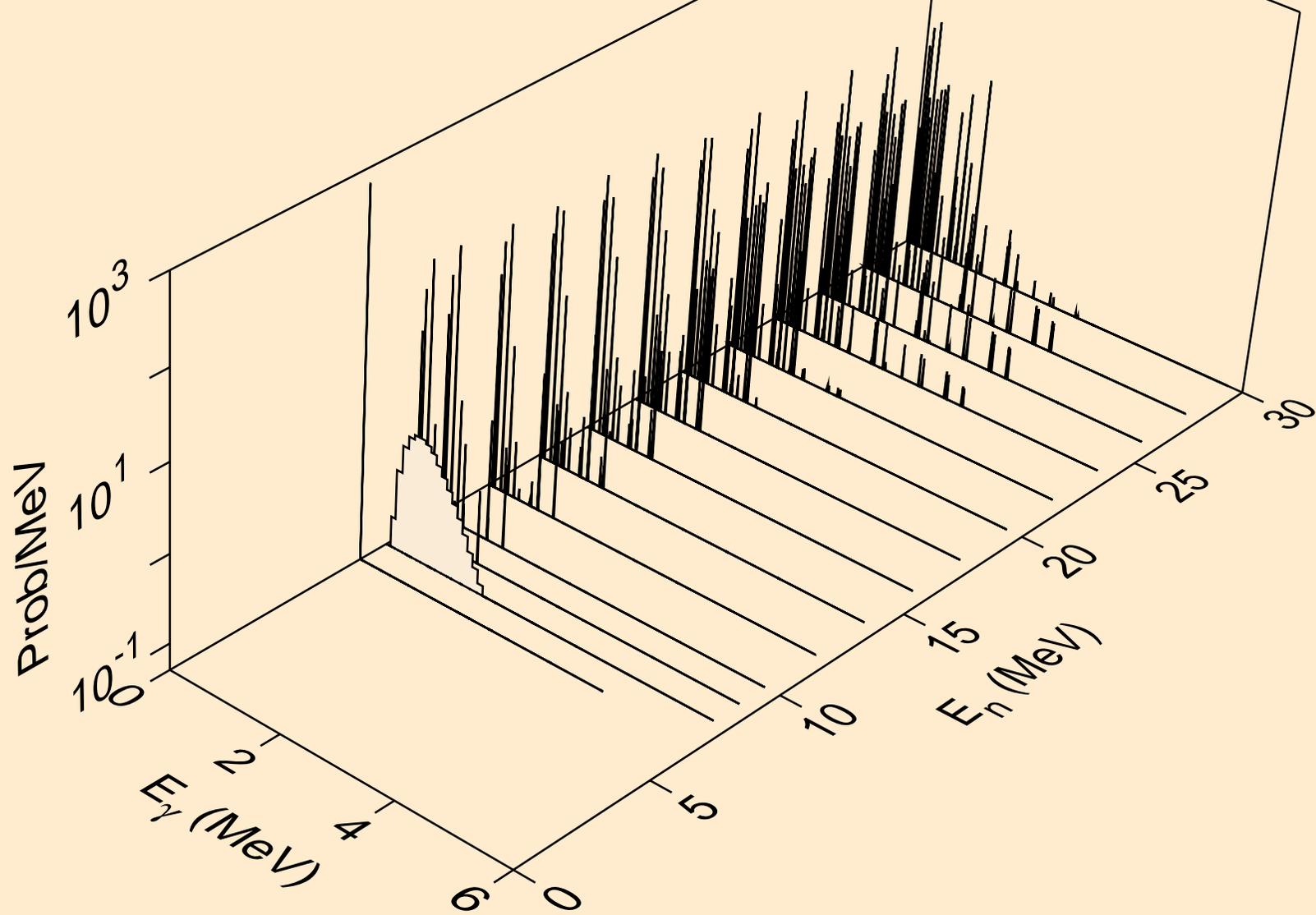
IN103 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic



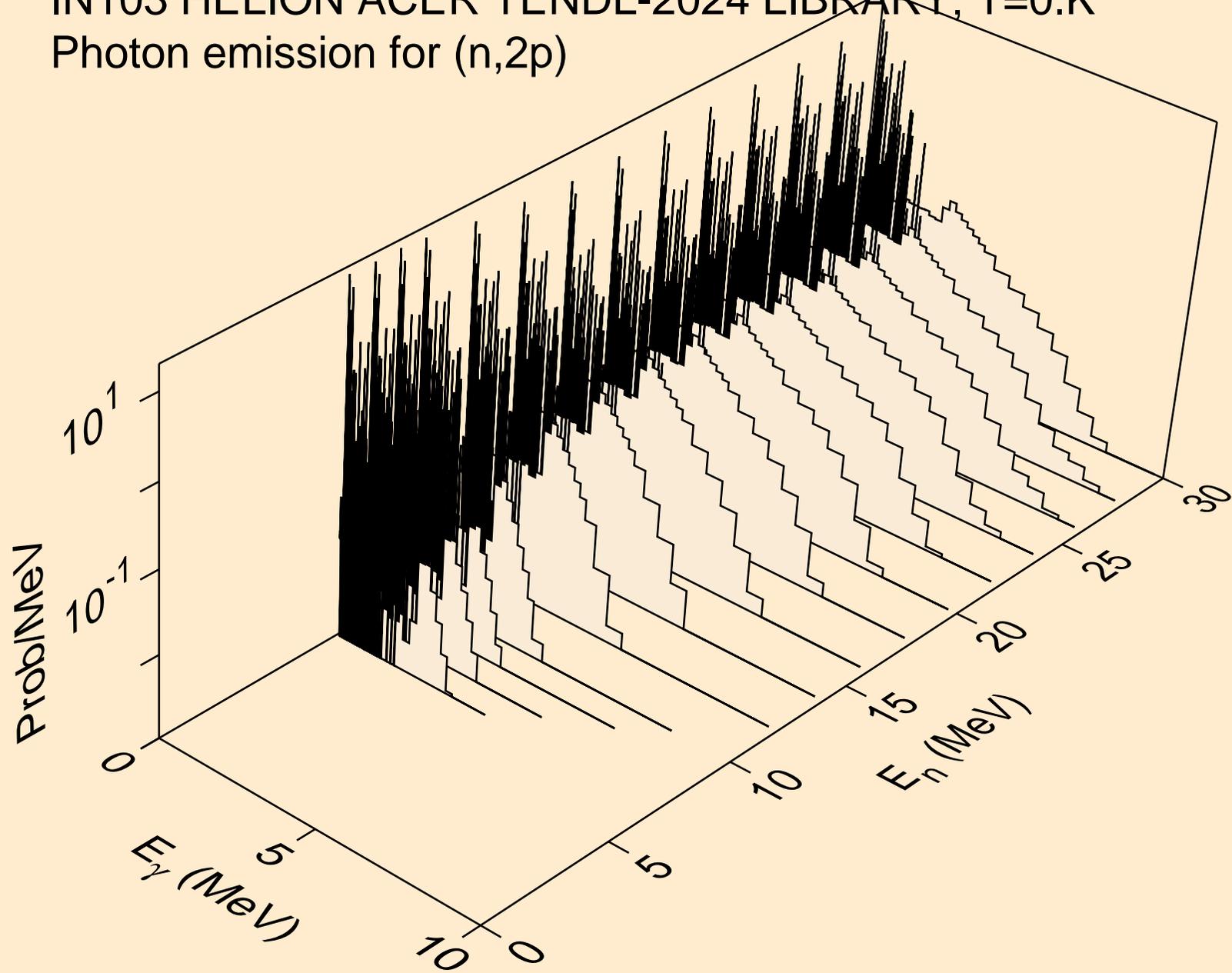
IN103 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



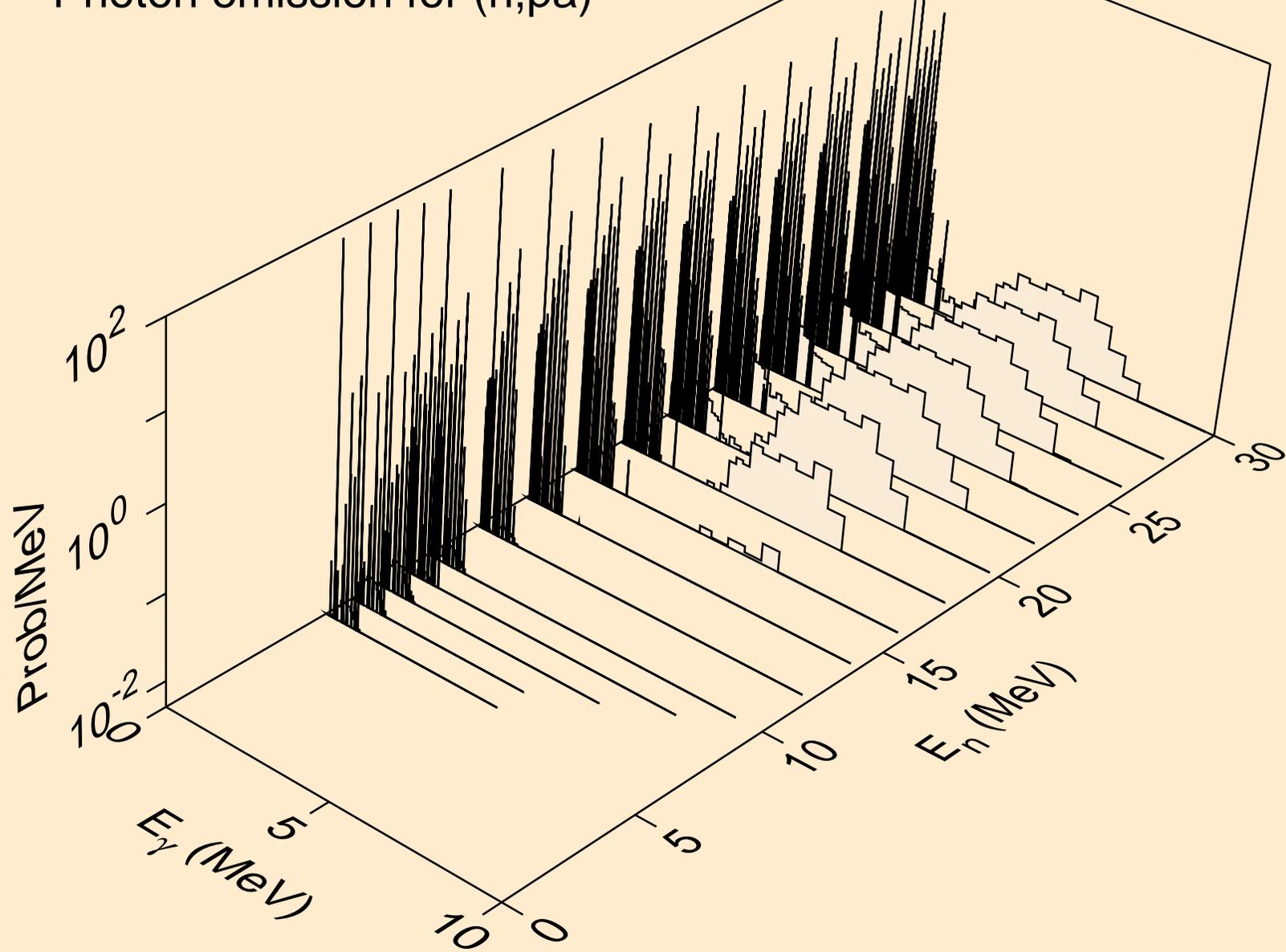
IN103 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



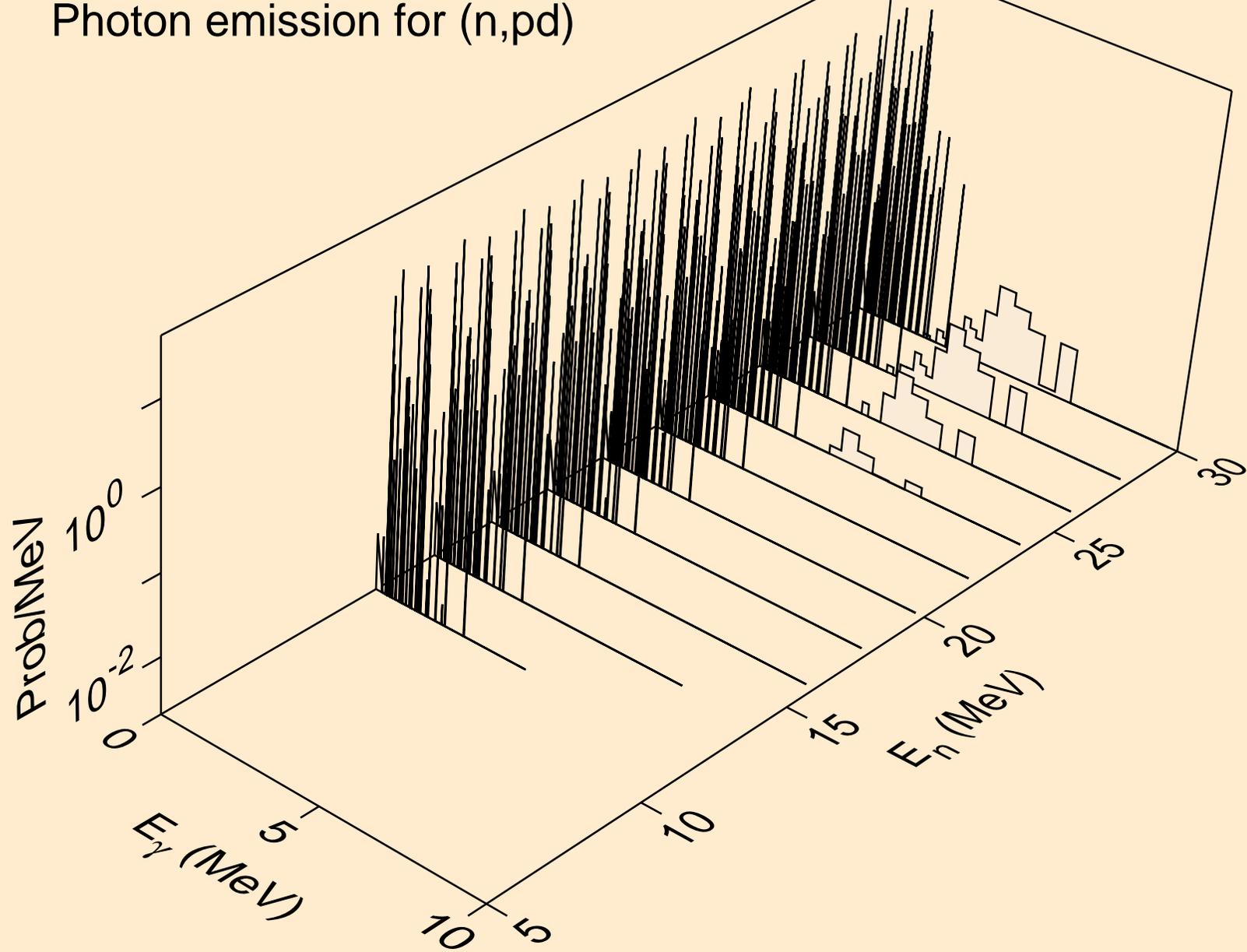
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Photon emission for (n,2p)



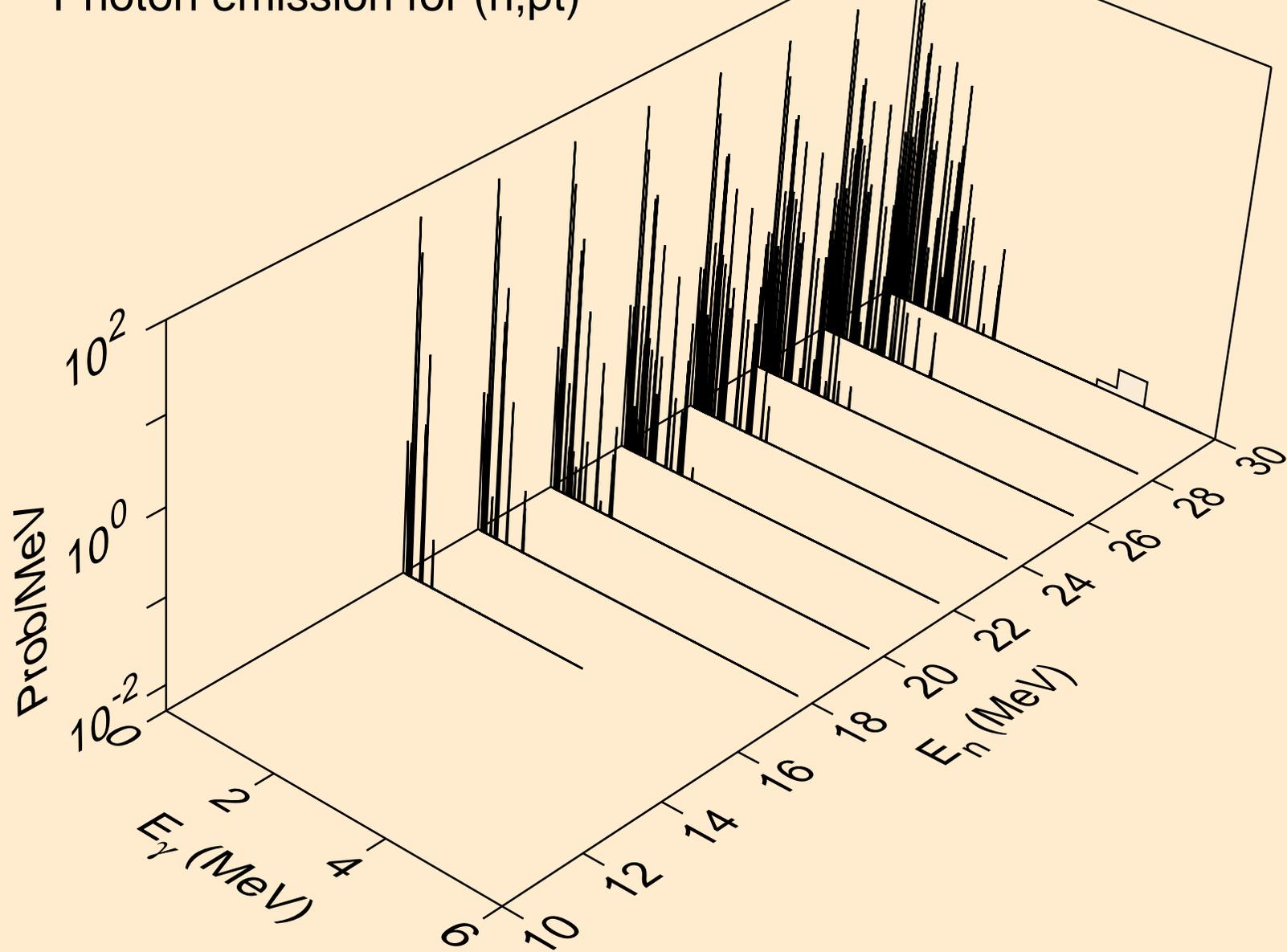
IN103 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pa)



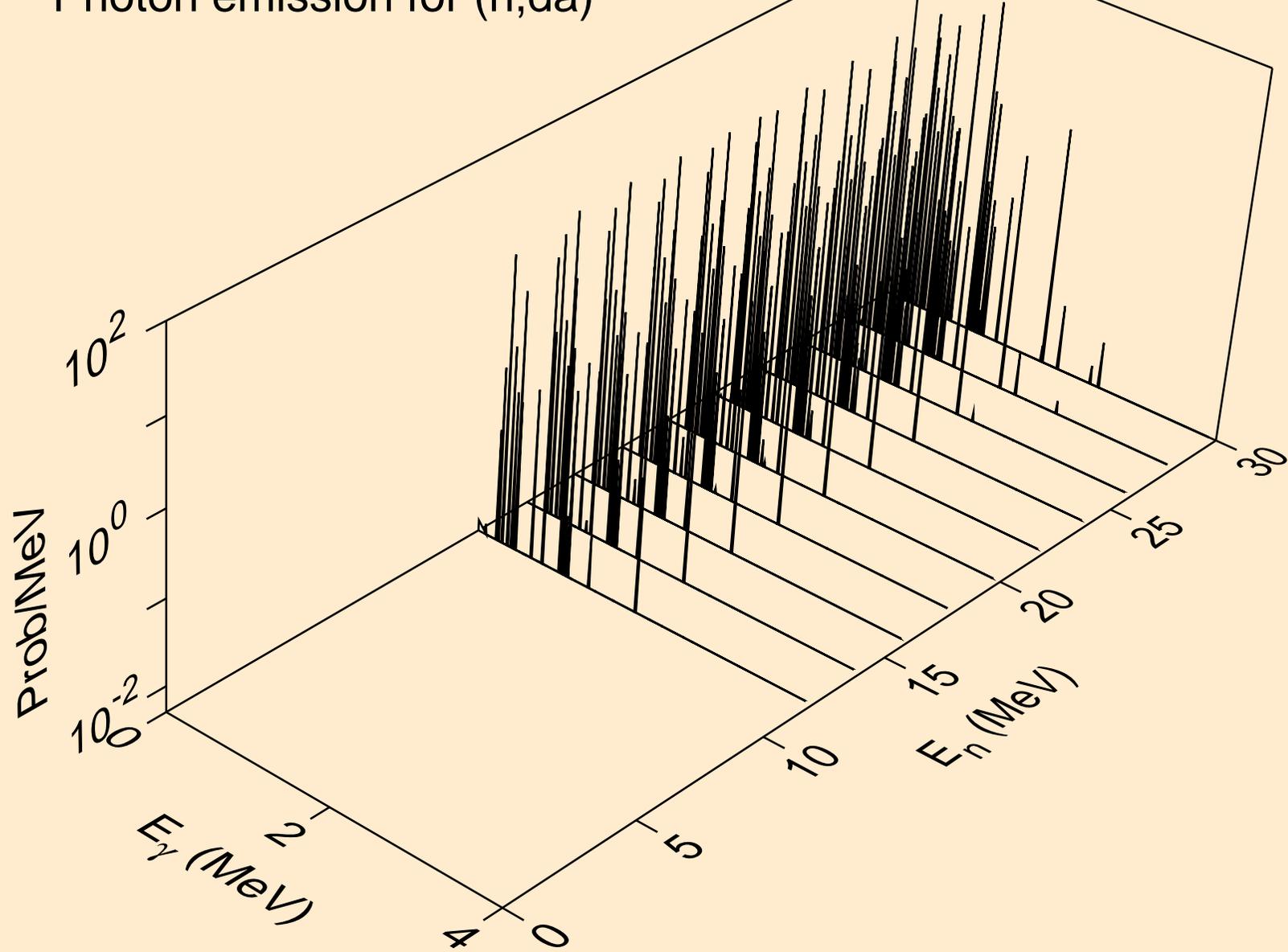
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Photon emission for (n,pd)



IN103 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)

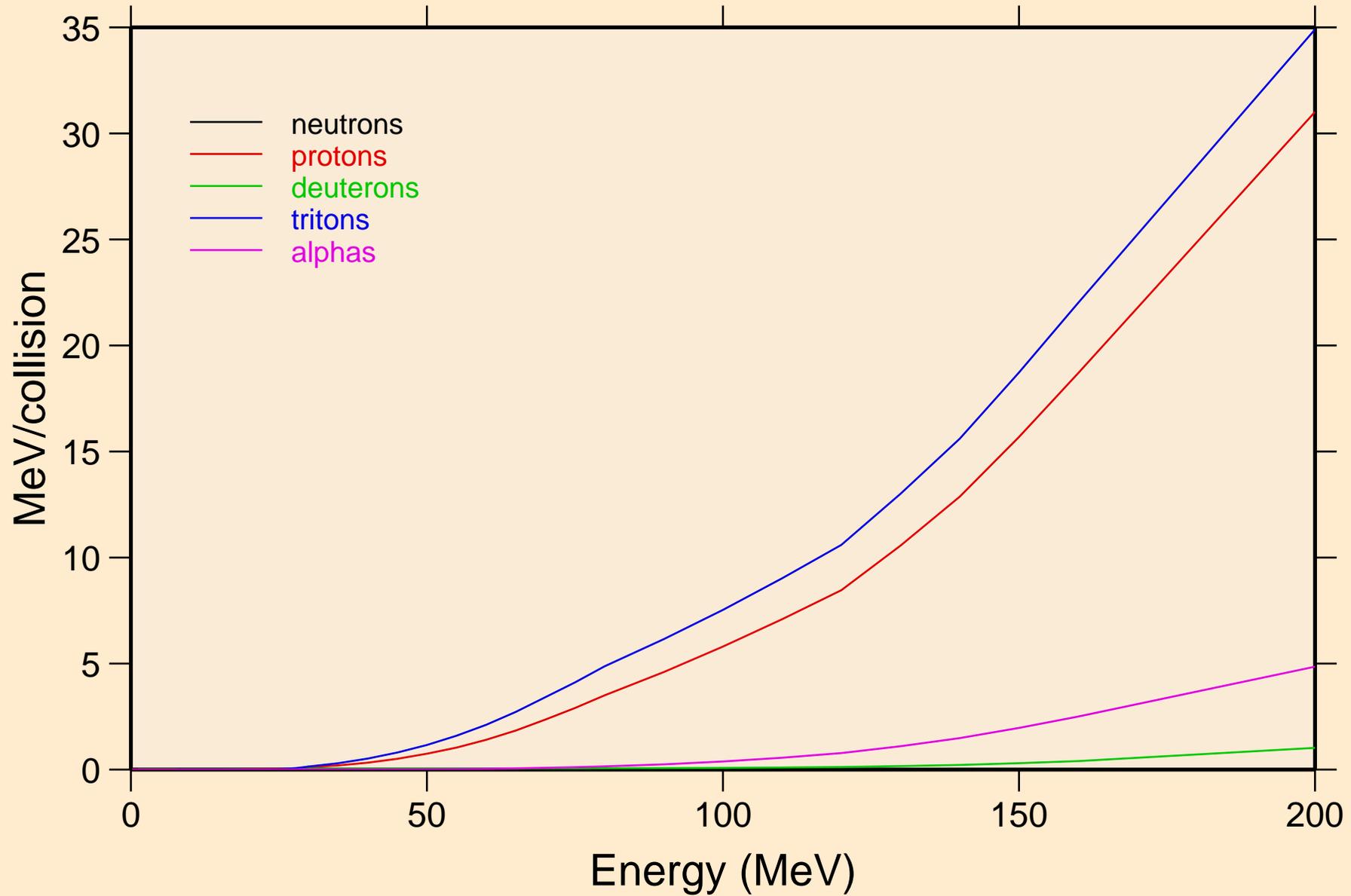


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Photon emission for (n,da)

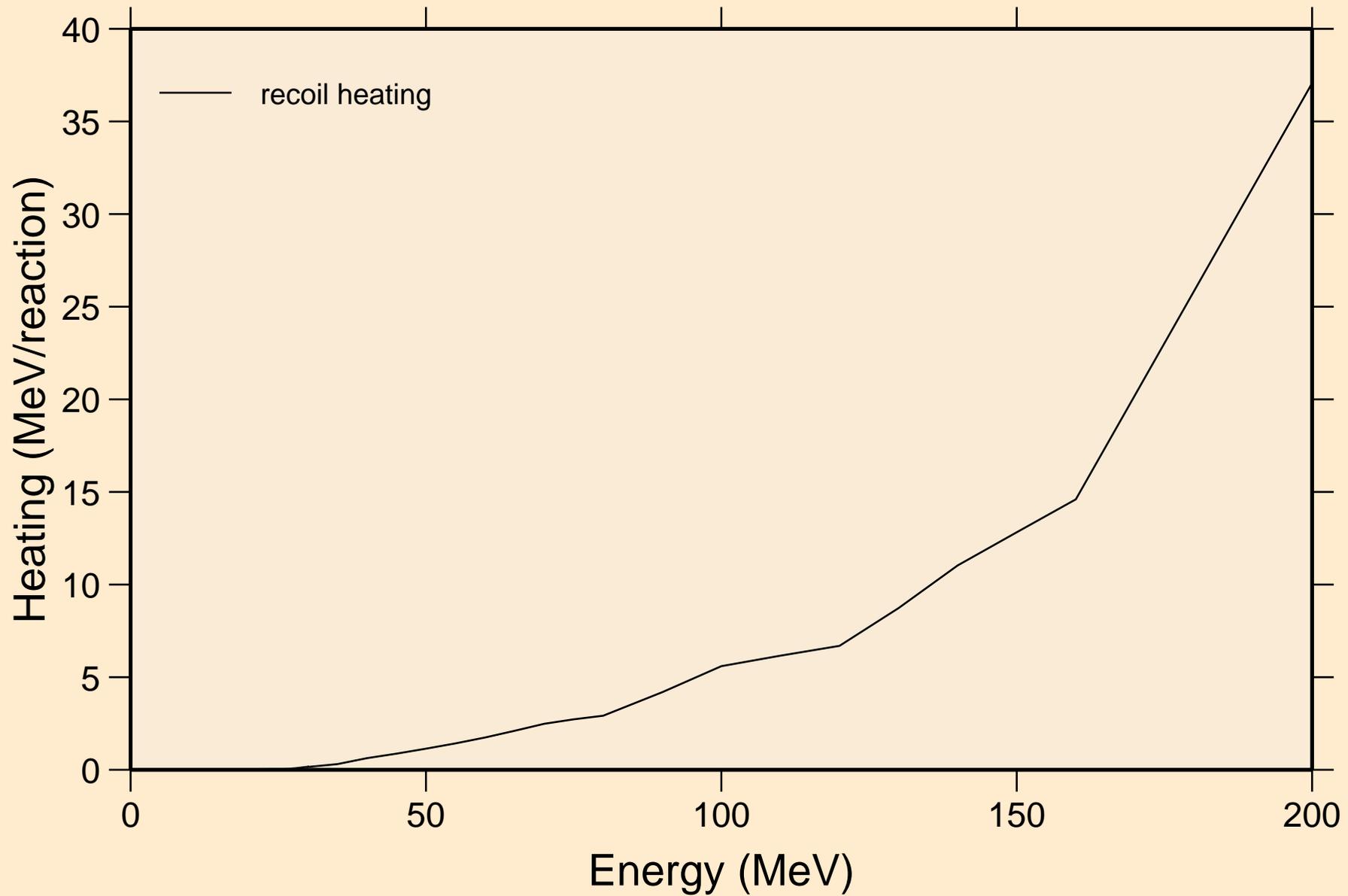


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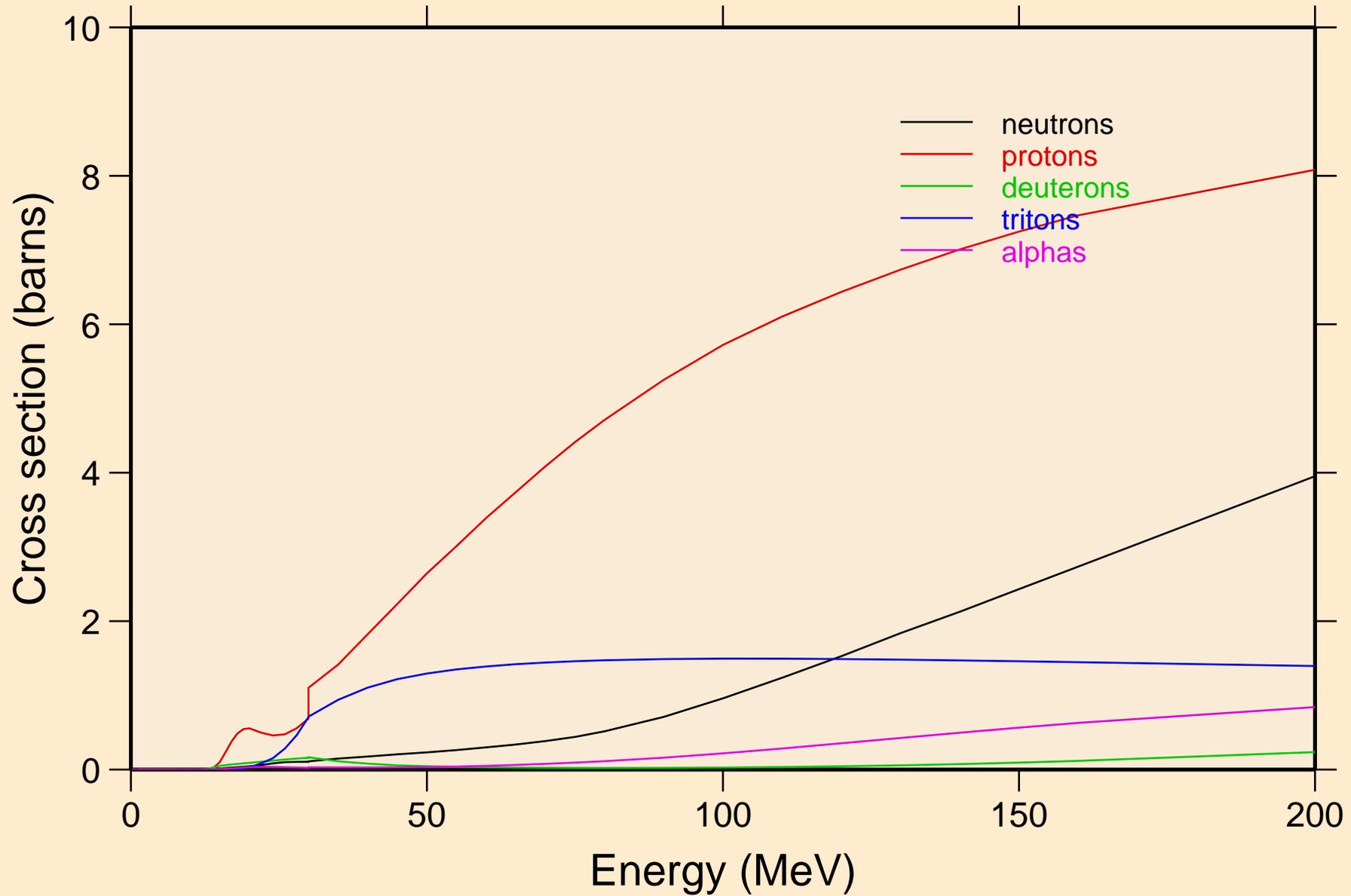
## Particle heating contributions



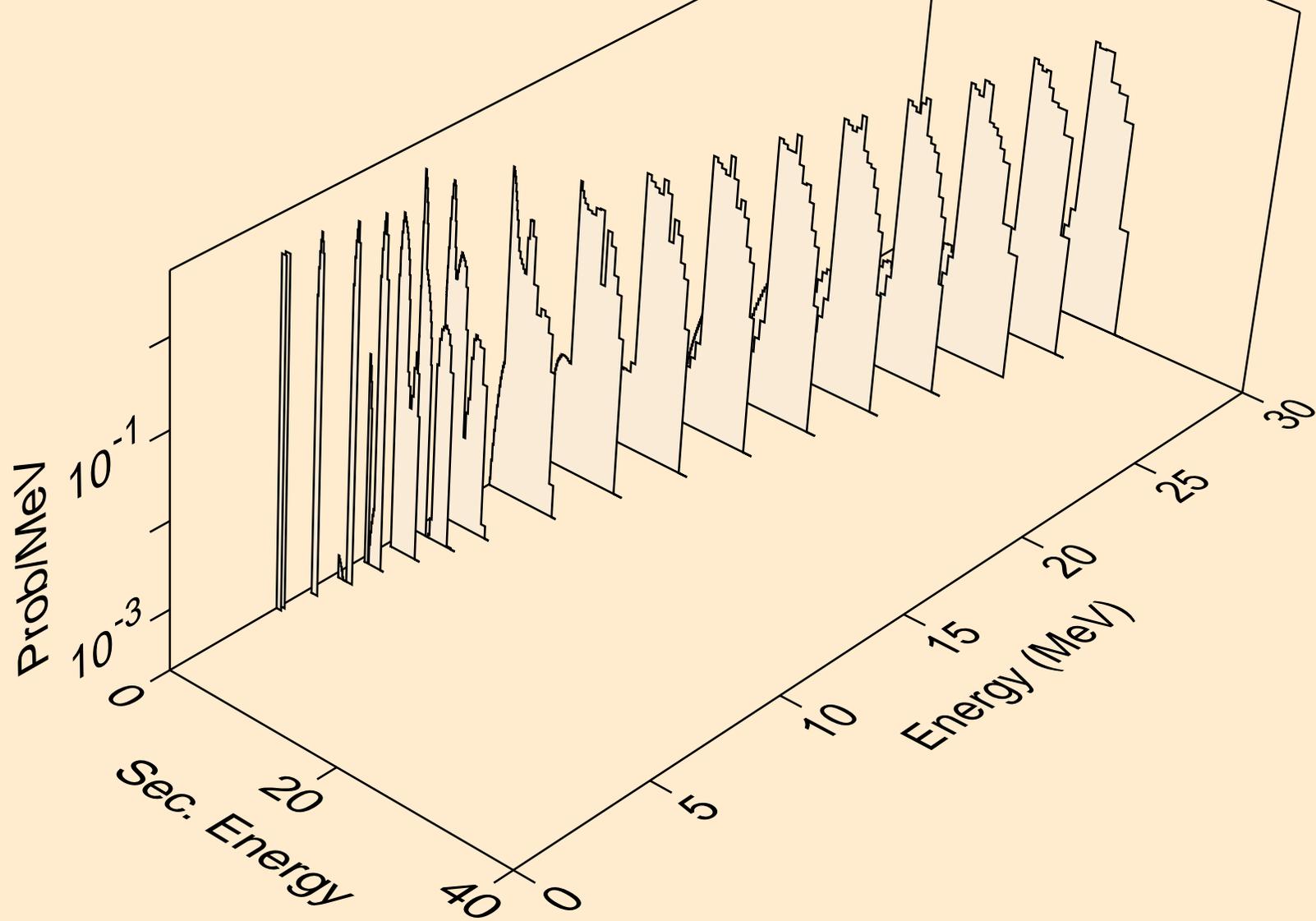
IN103 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating



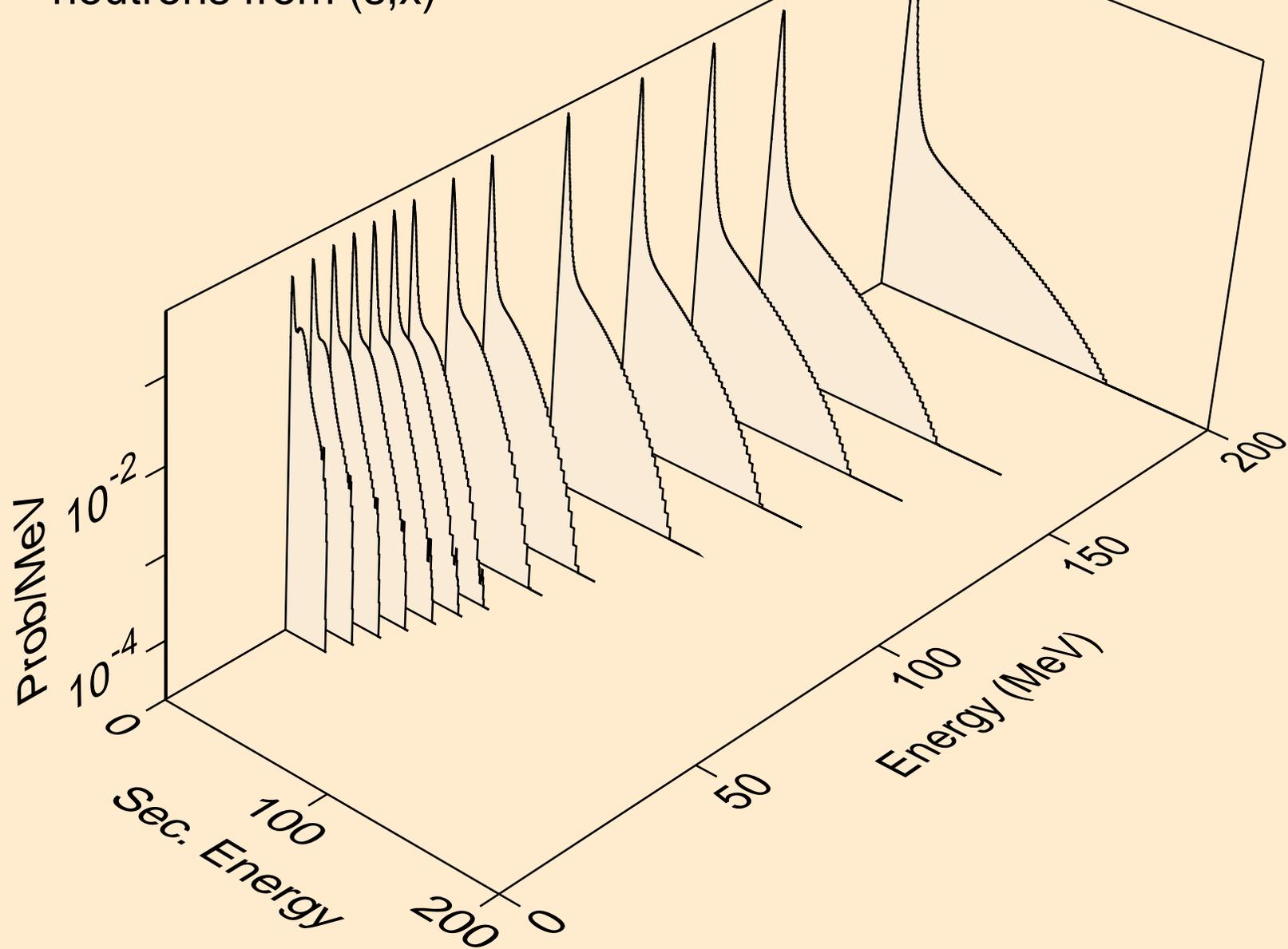
IN103 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



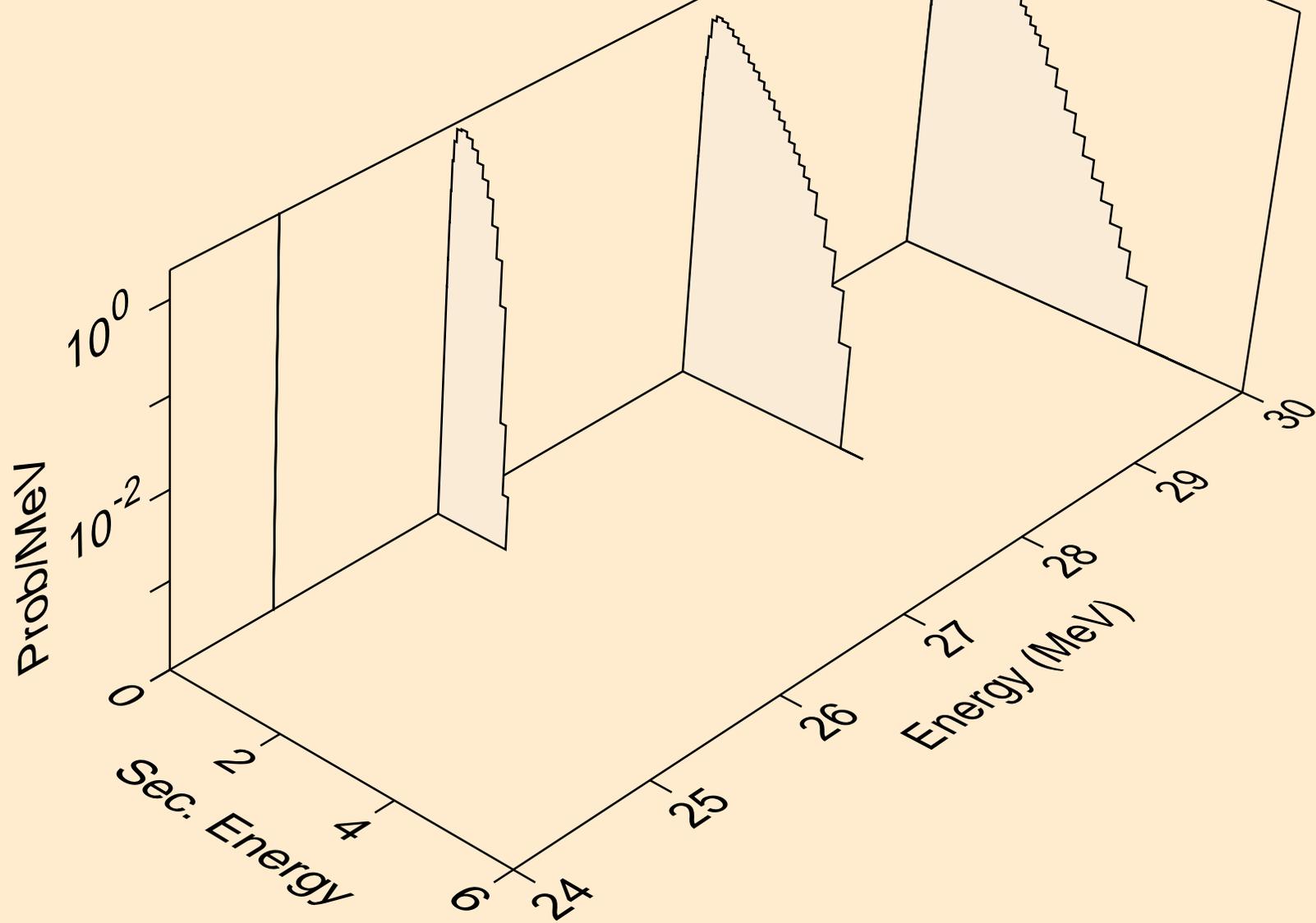
IN103 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n)



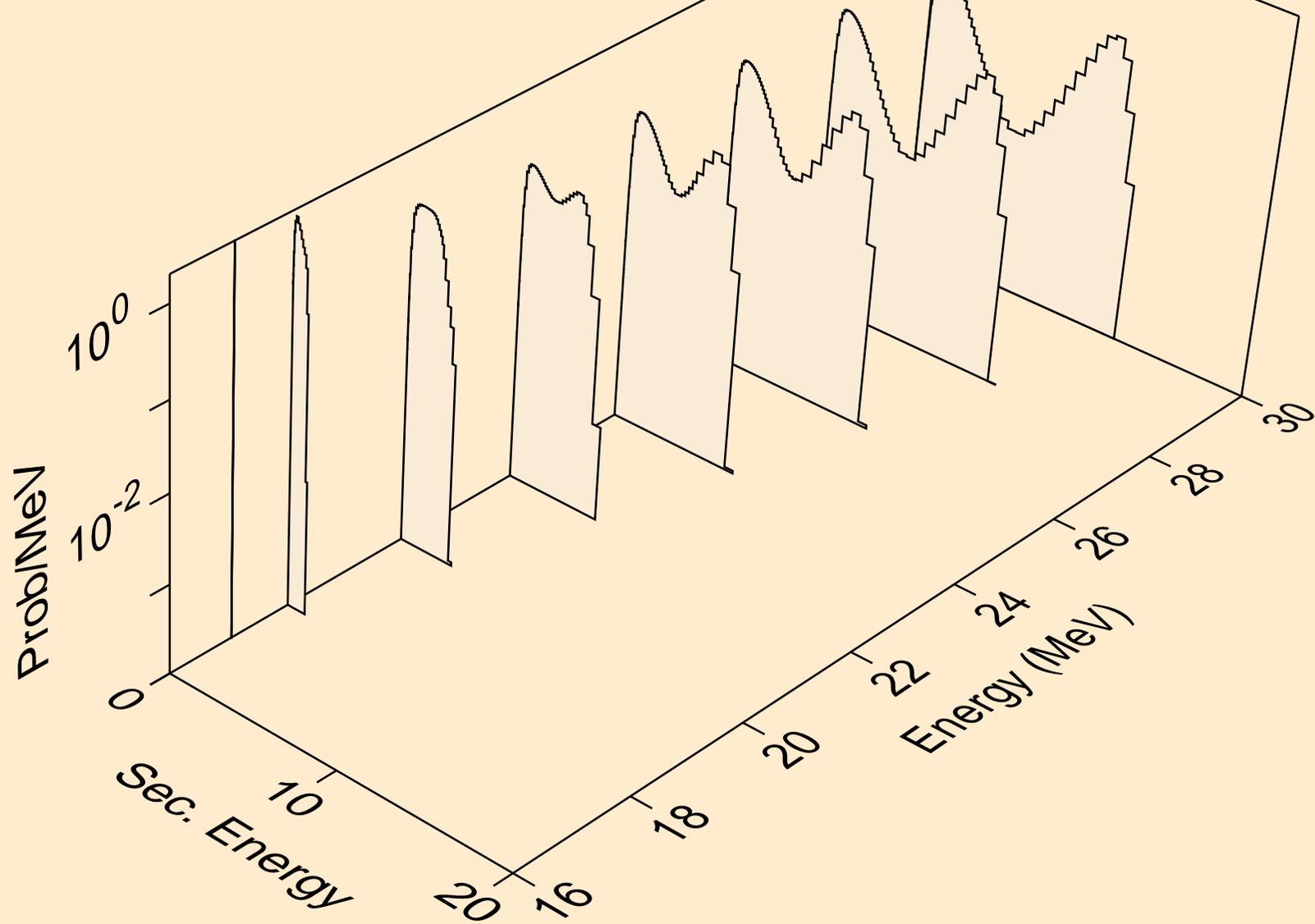
IN103 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,x)



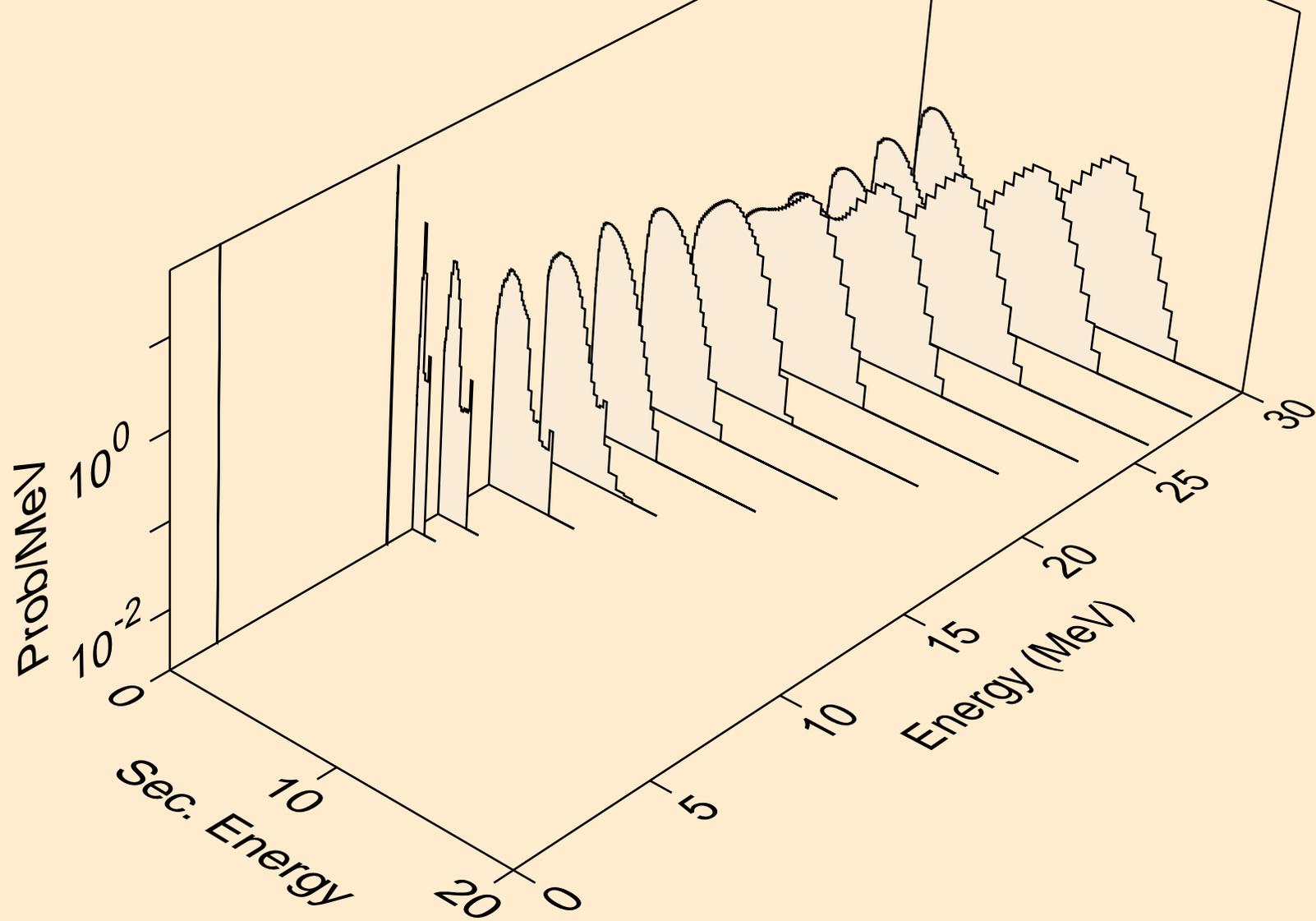
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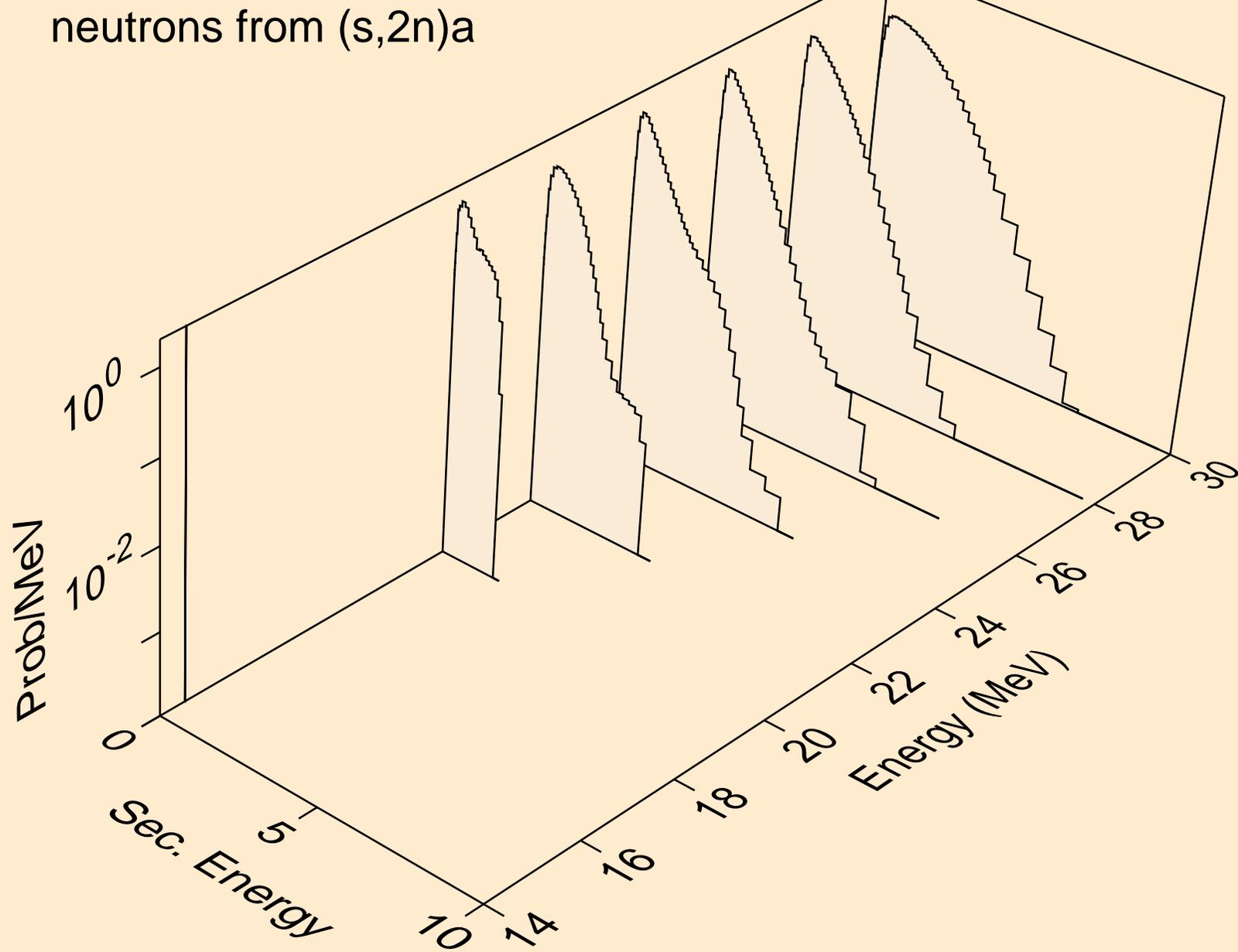
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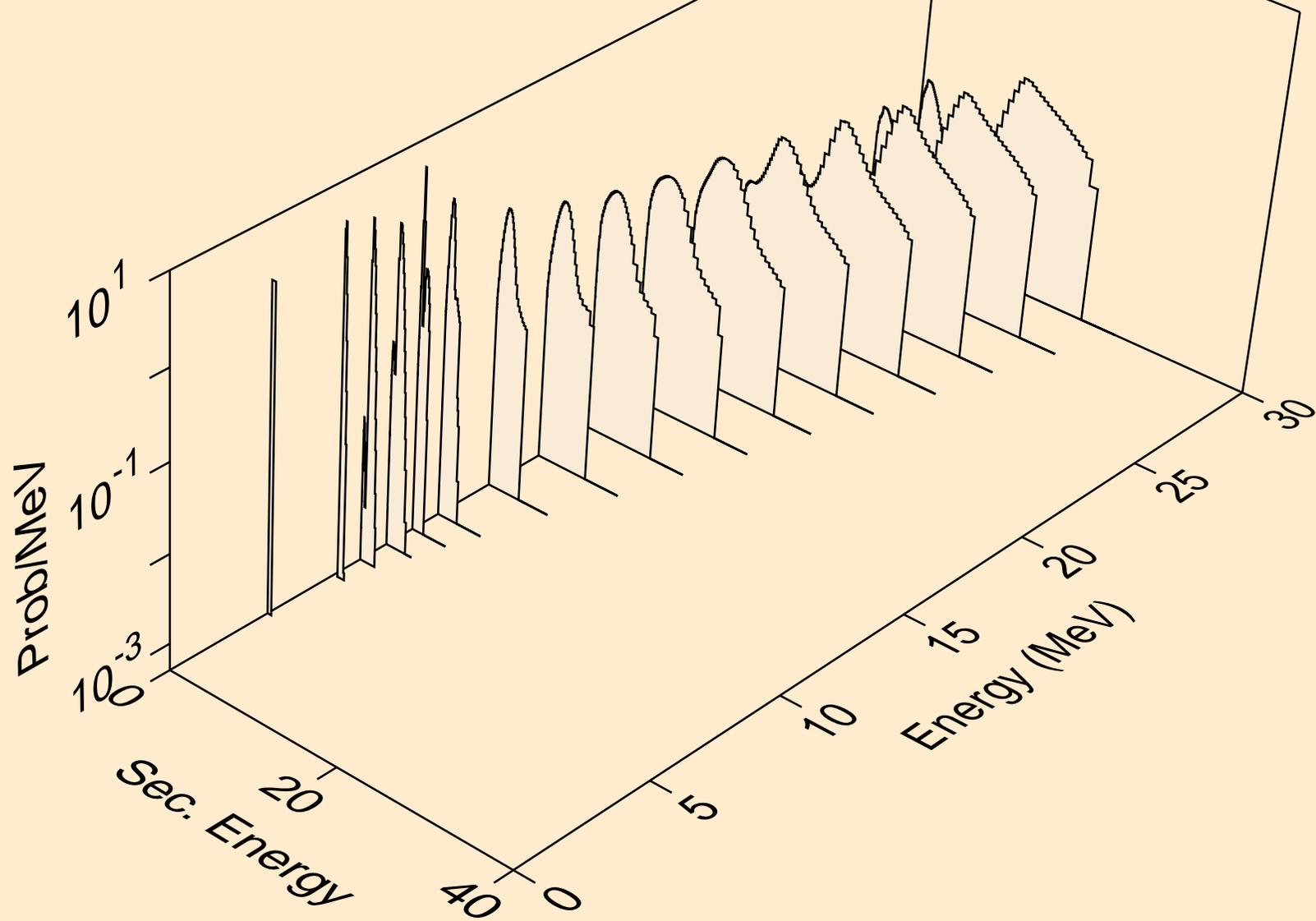
IN103 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)a



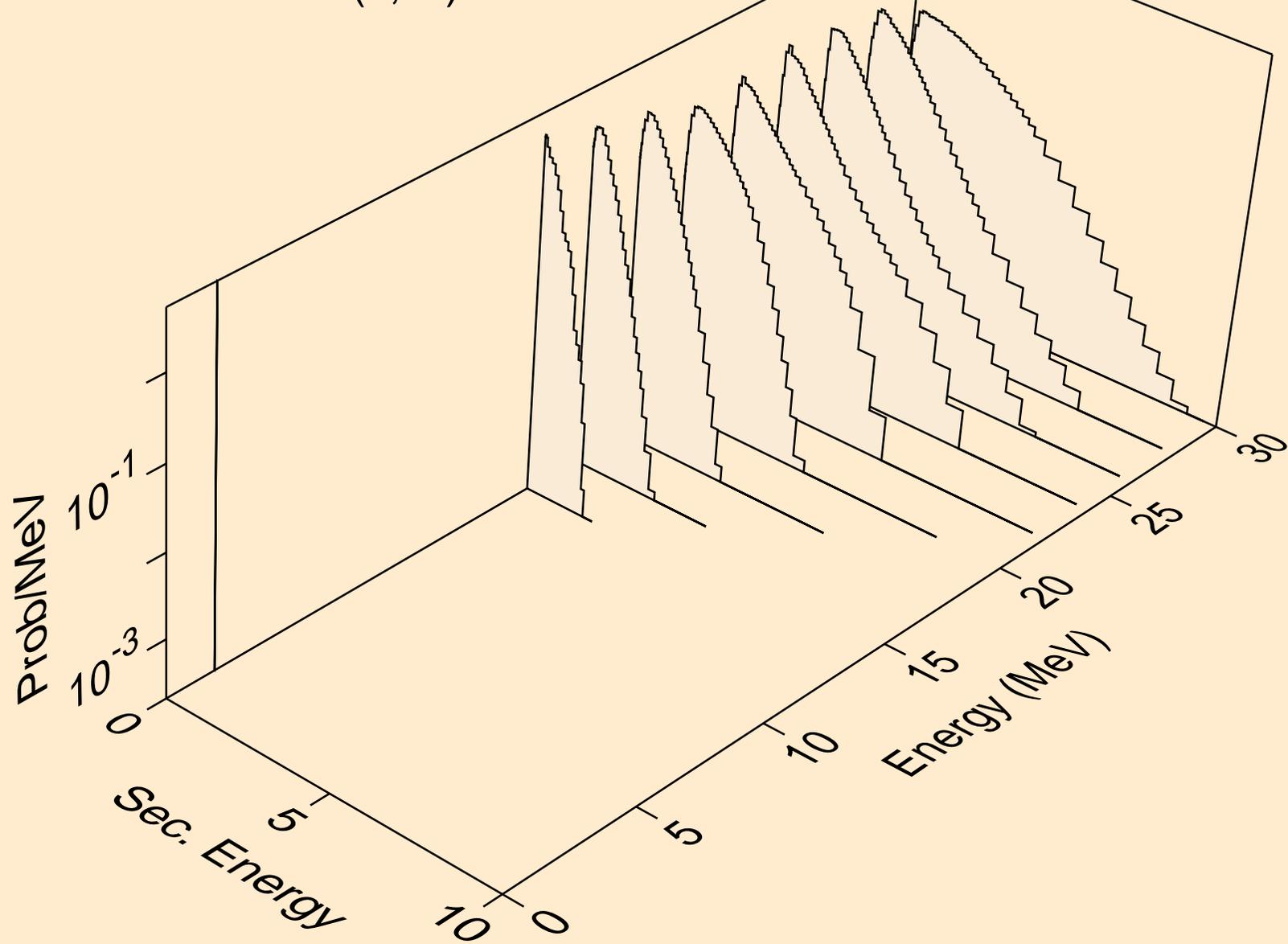
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neutrons from (s,2n)a



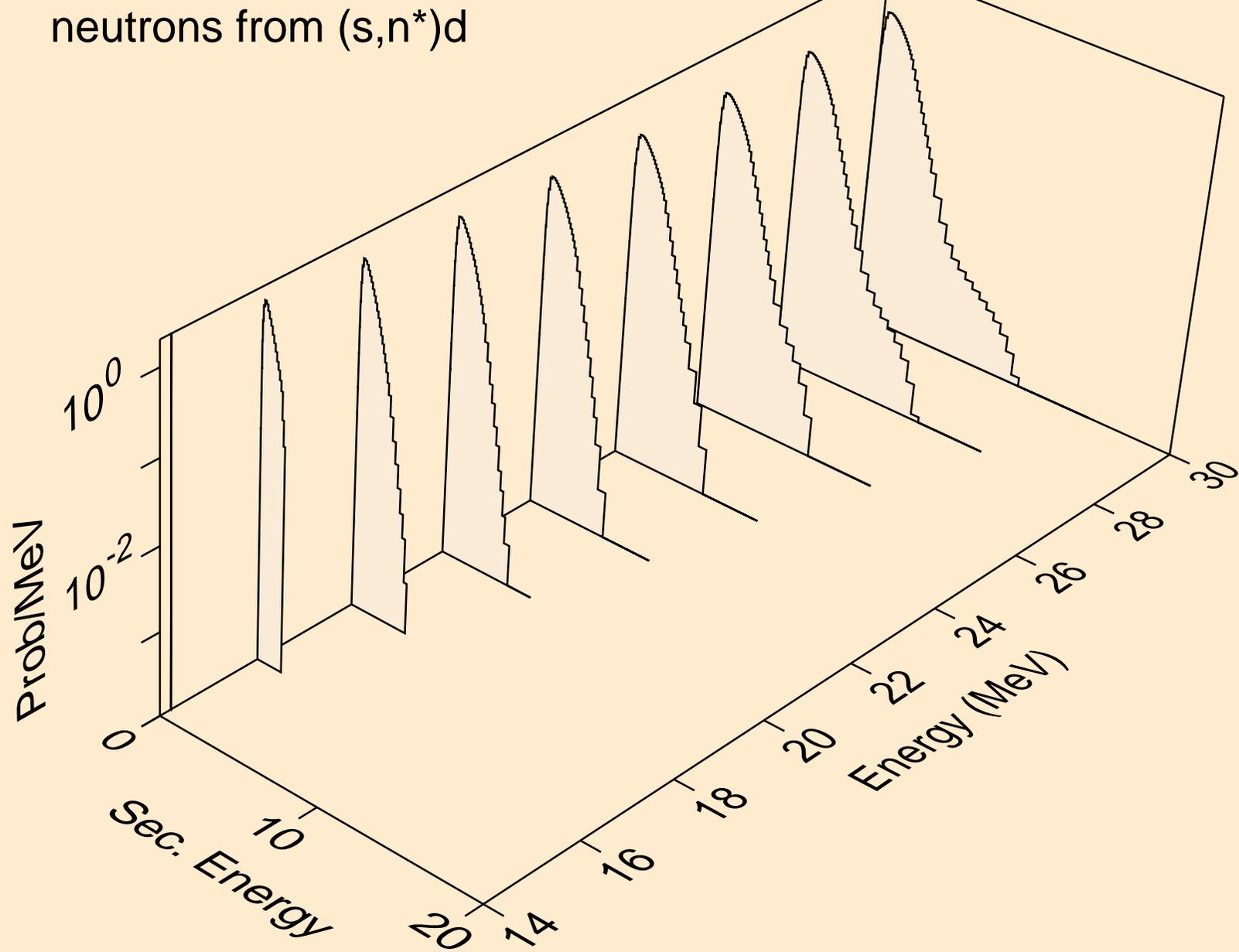
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neutrons from (s,n\*)p



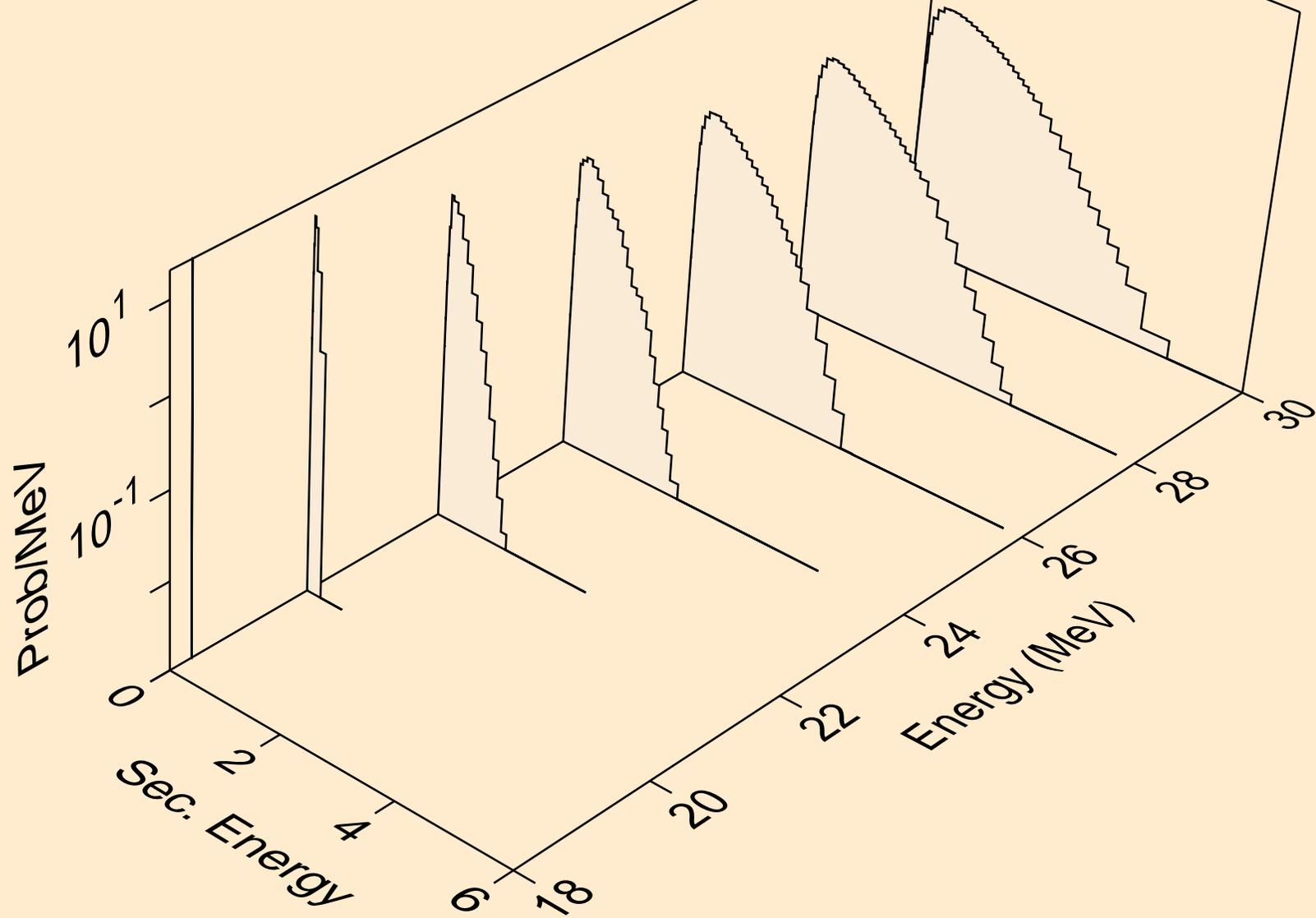
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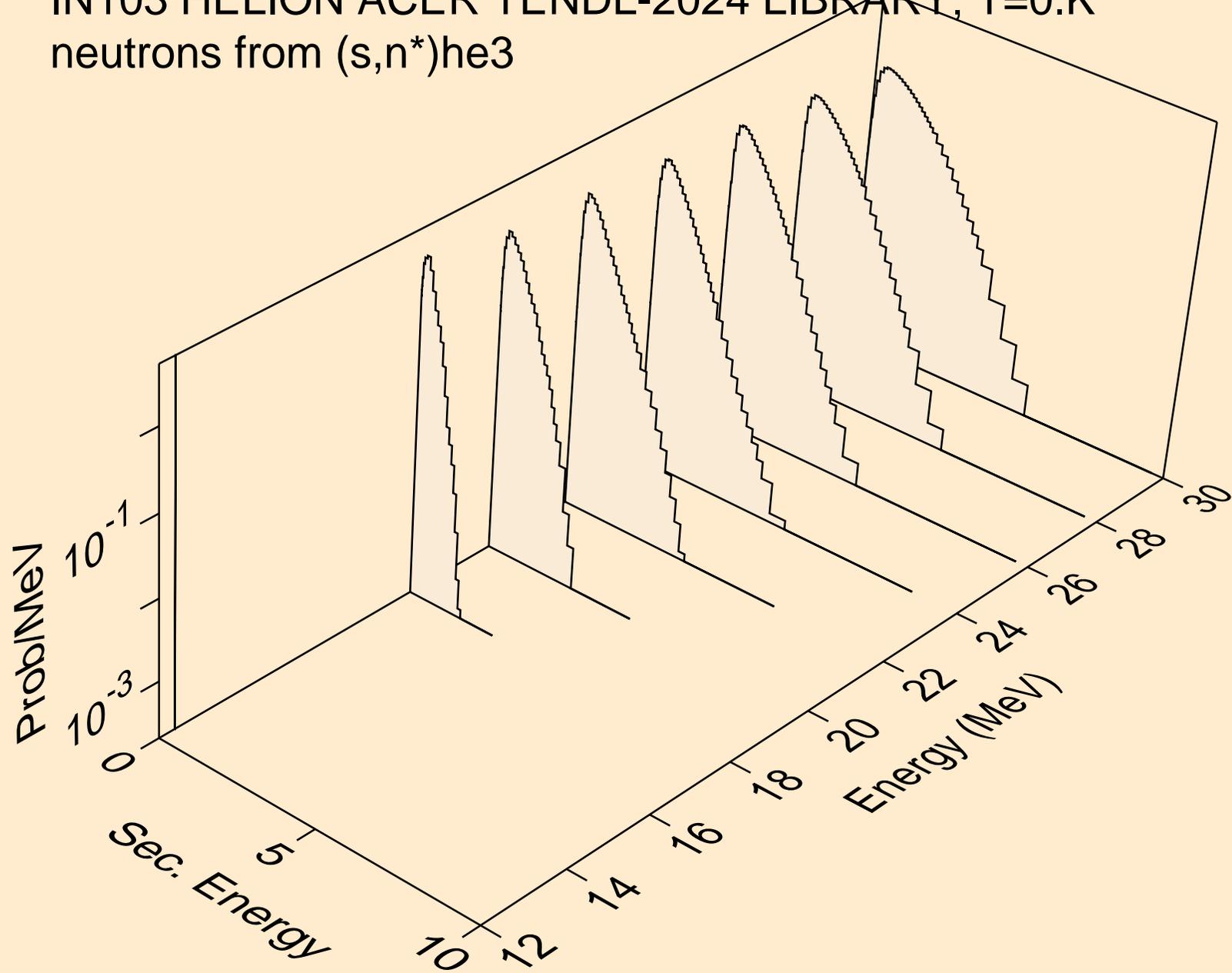
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neutrons from (s,n\*)d



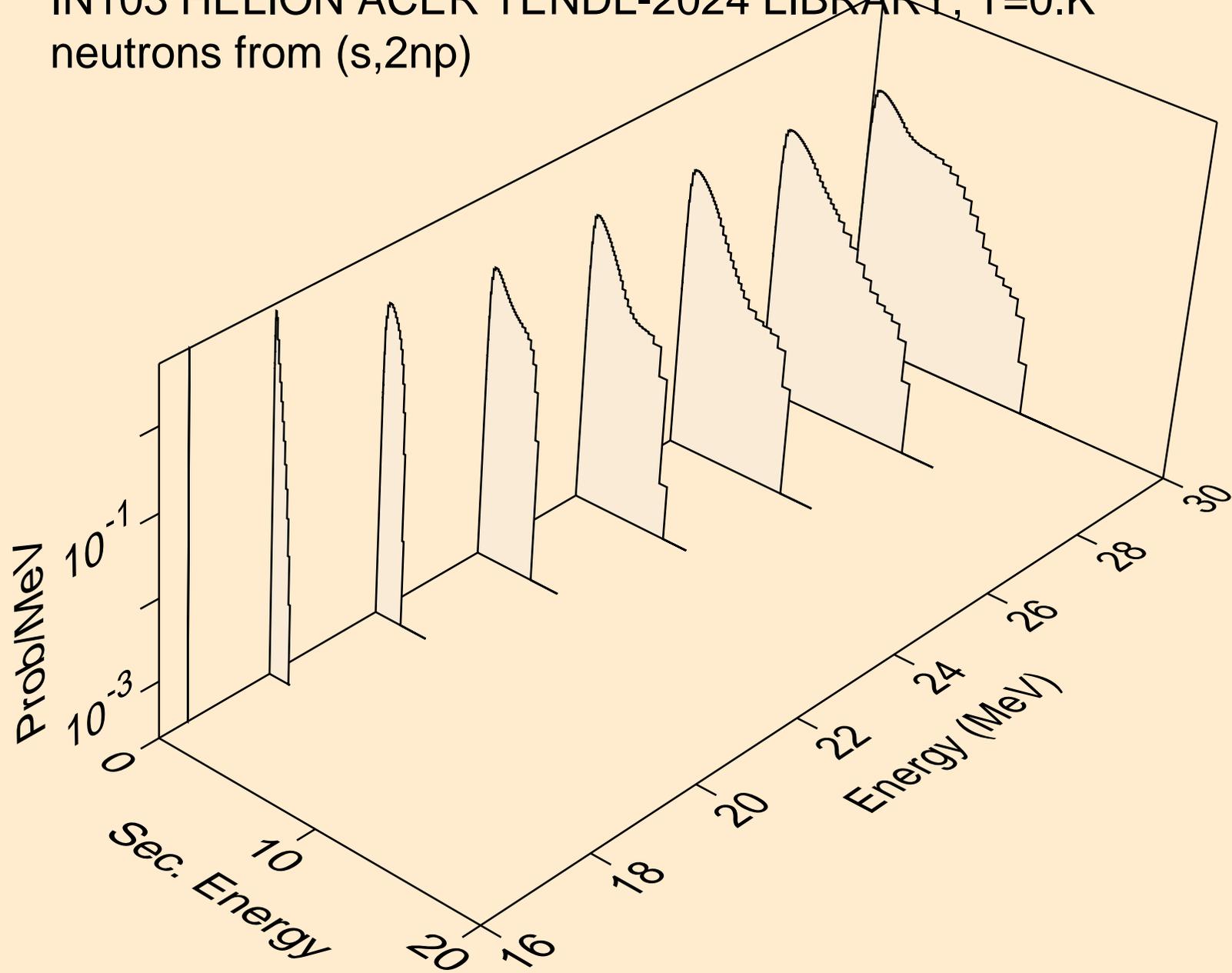
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neutrons from (s,n\*)t



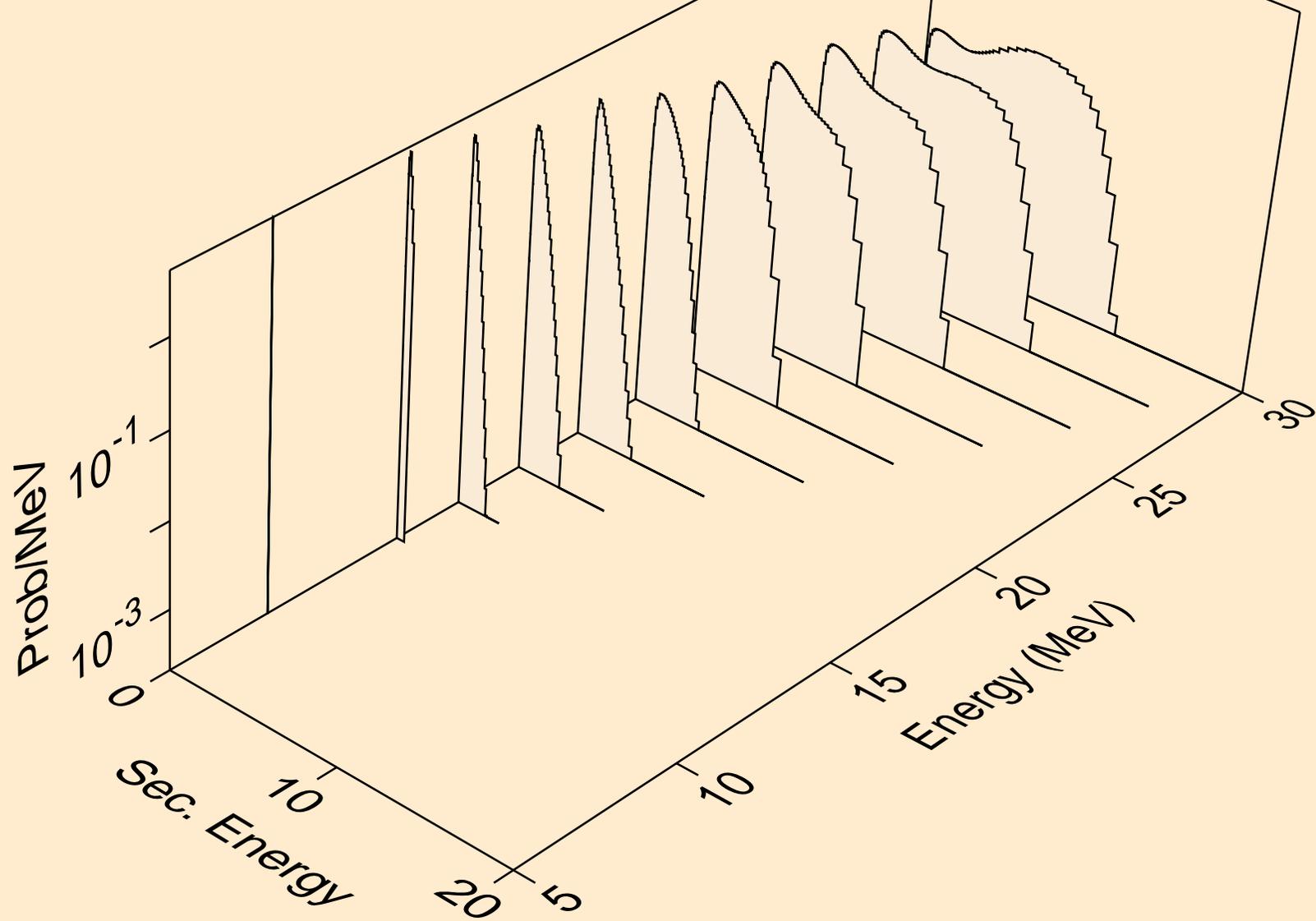
IN103 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



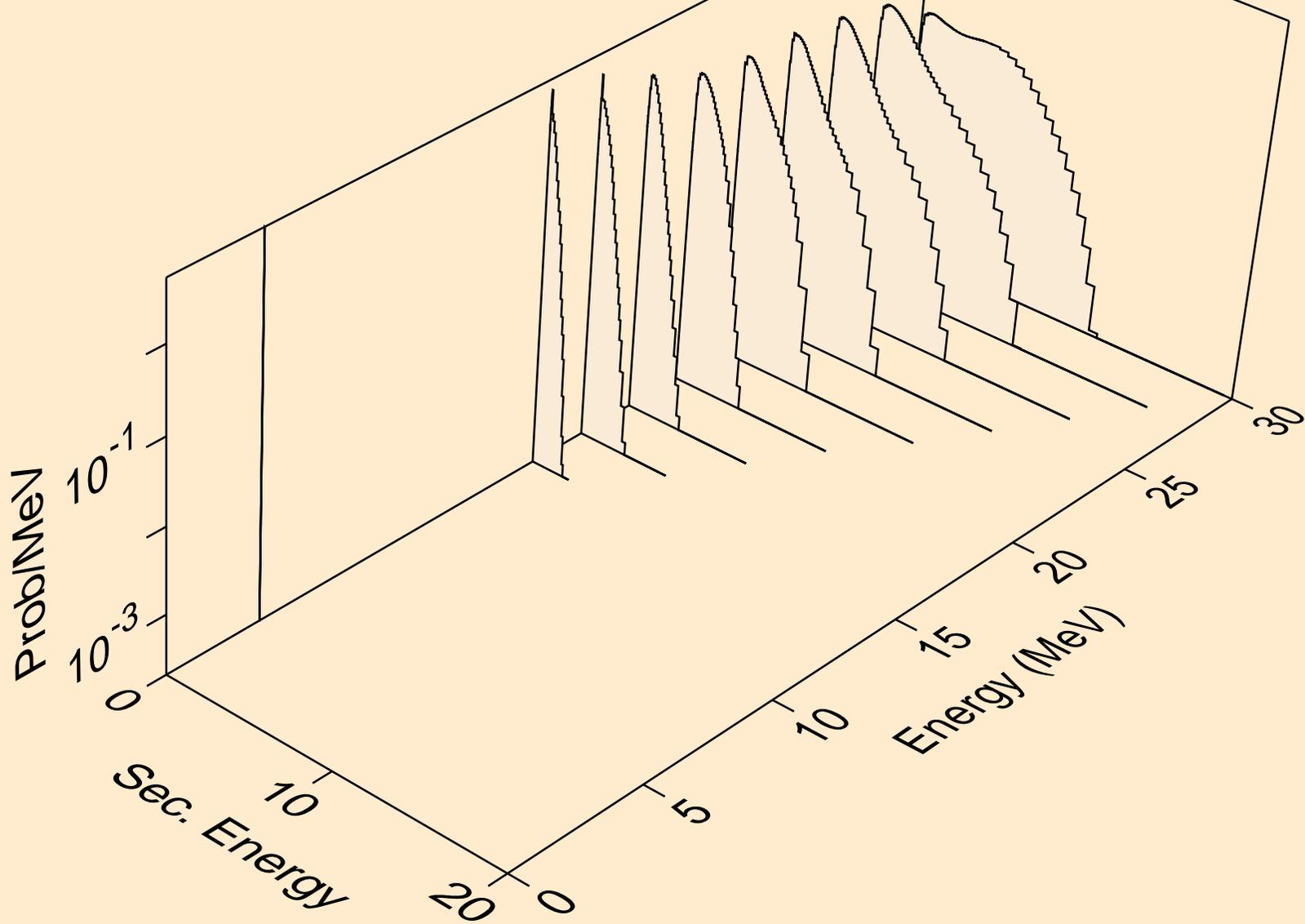
IN103 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2np)



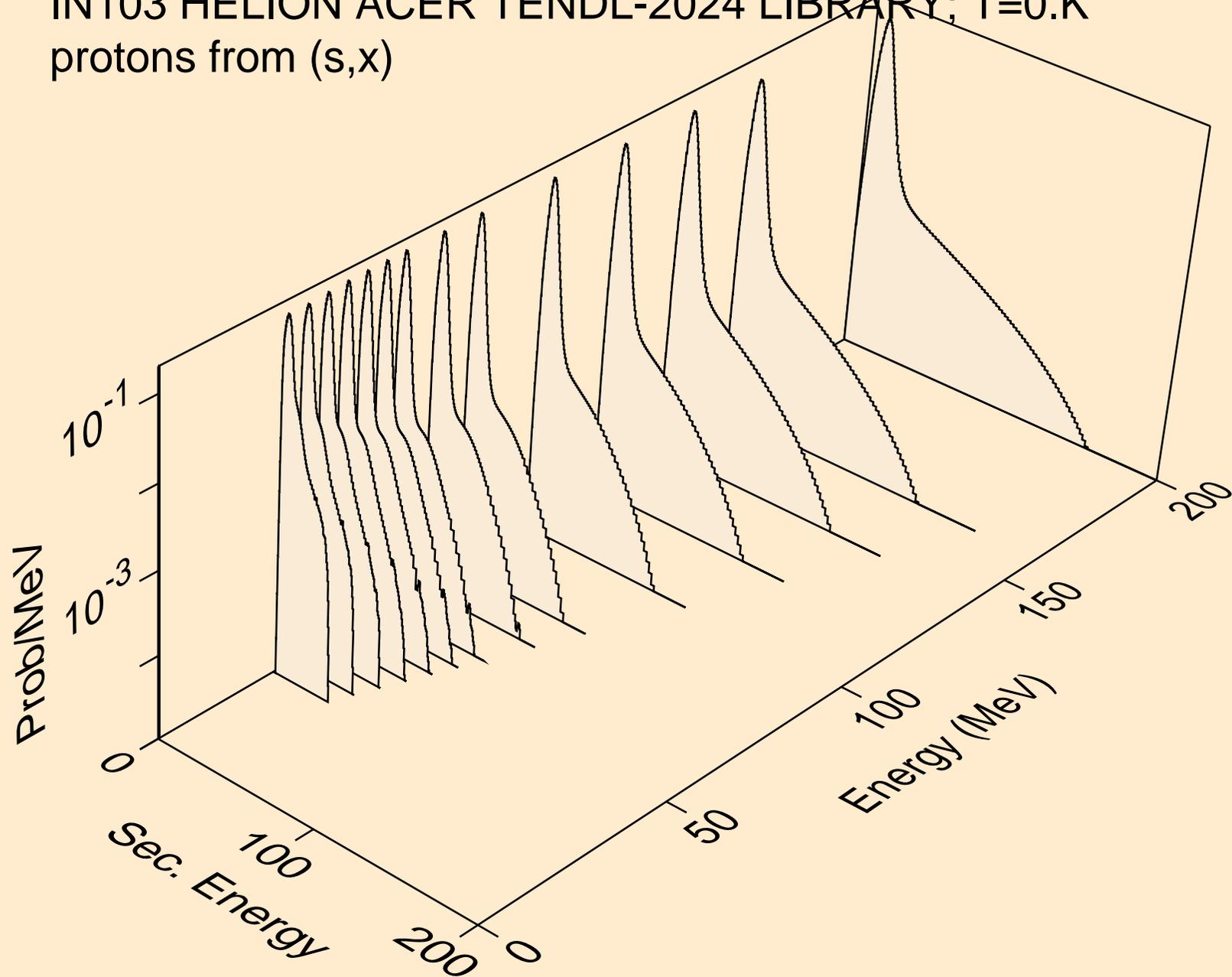
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neutrons from (s,n2p)



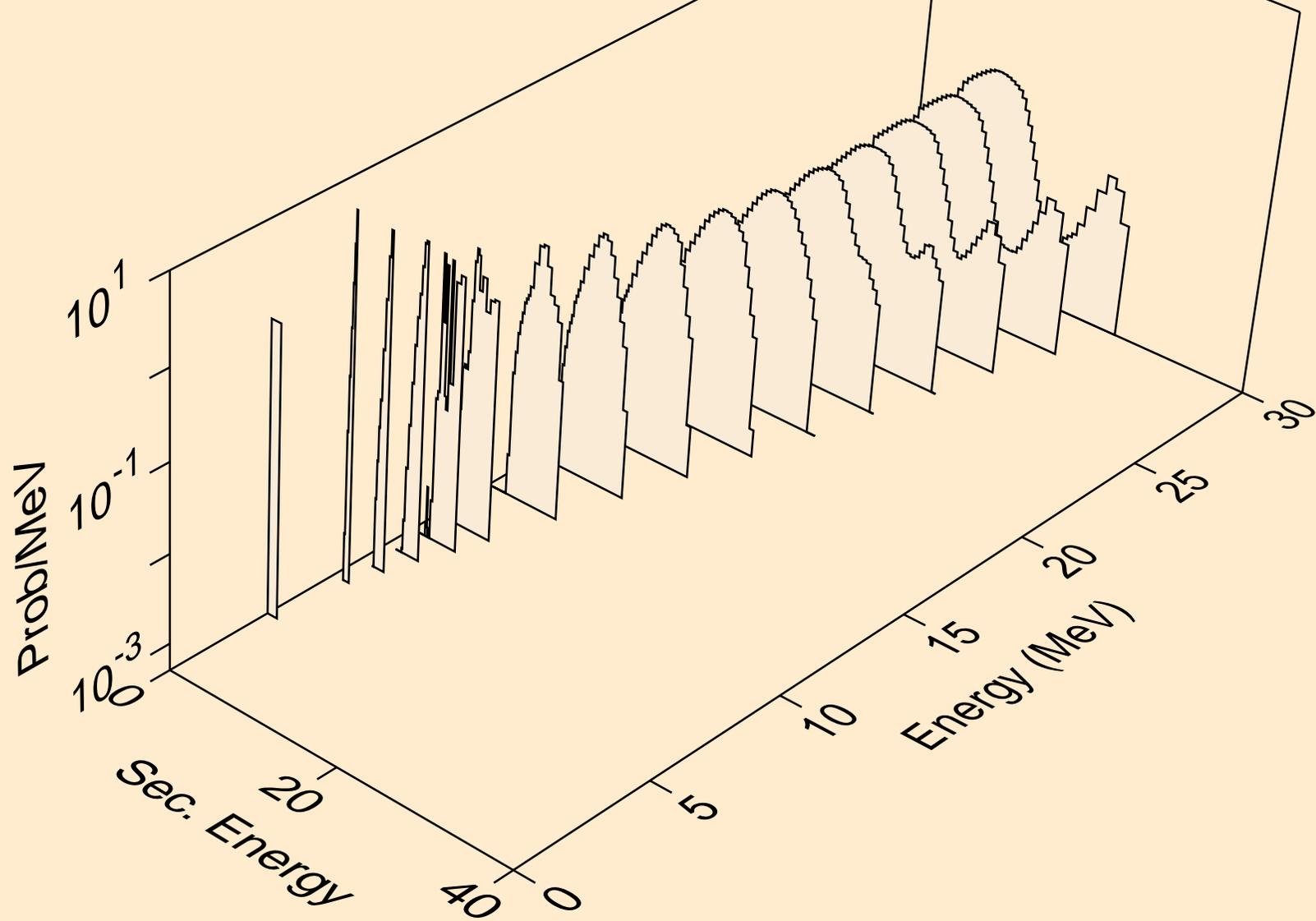
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neutrons from (s,npa)



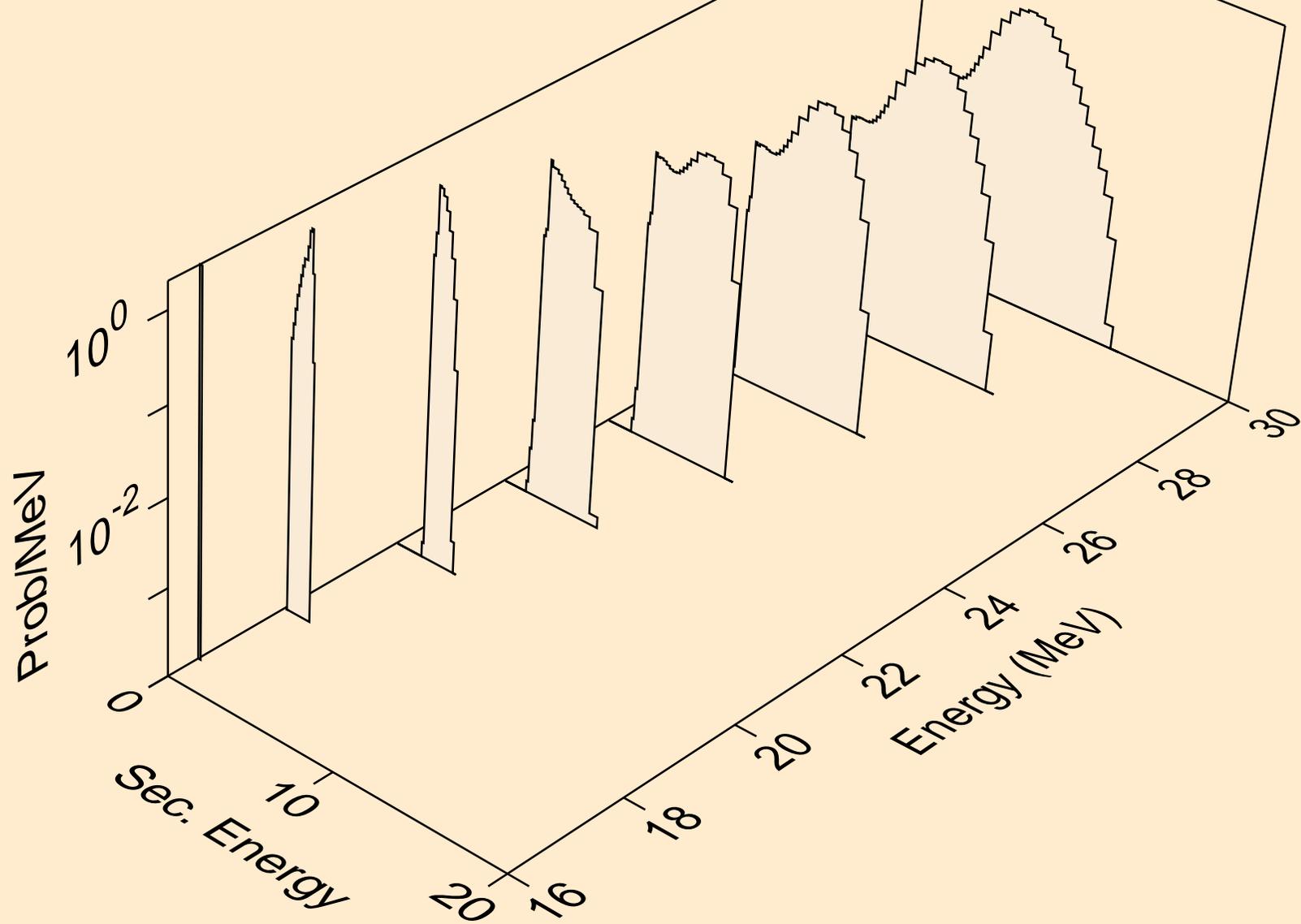
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protons from (s,x)



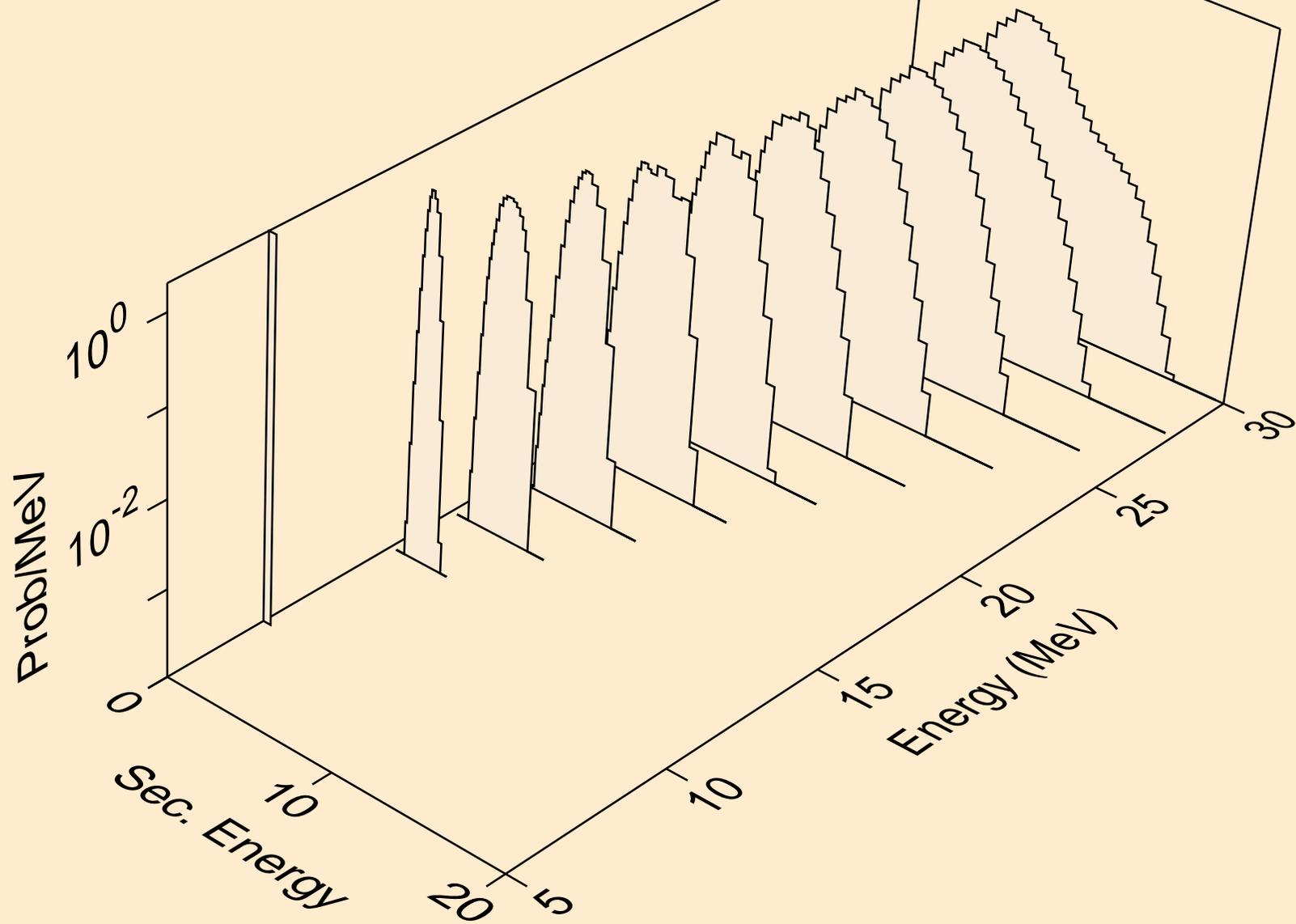
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protons from (s,n\*)p



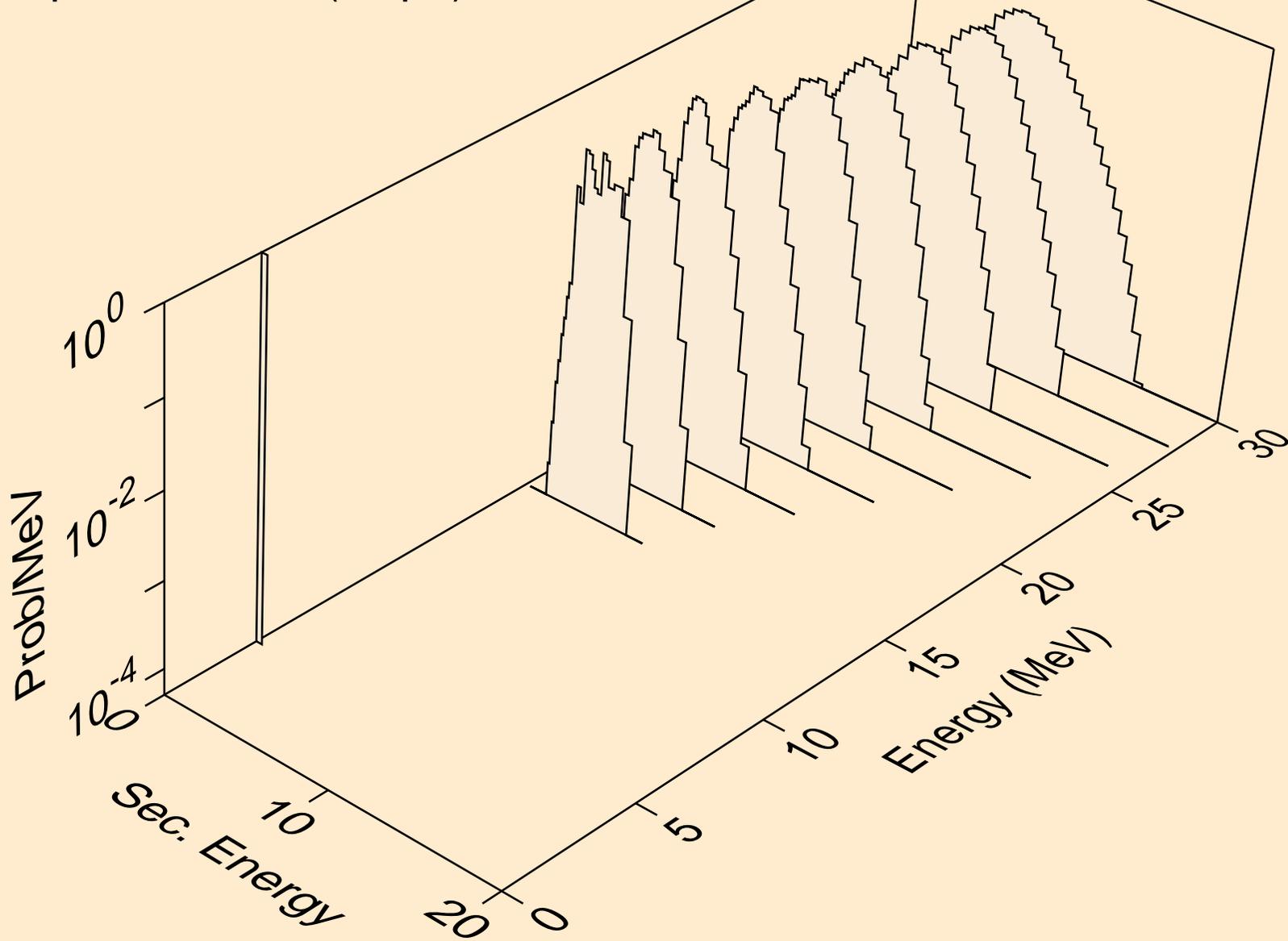
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protons from (s,2np)



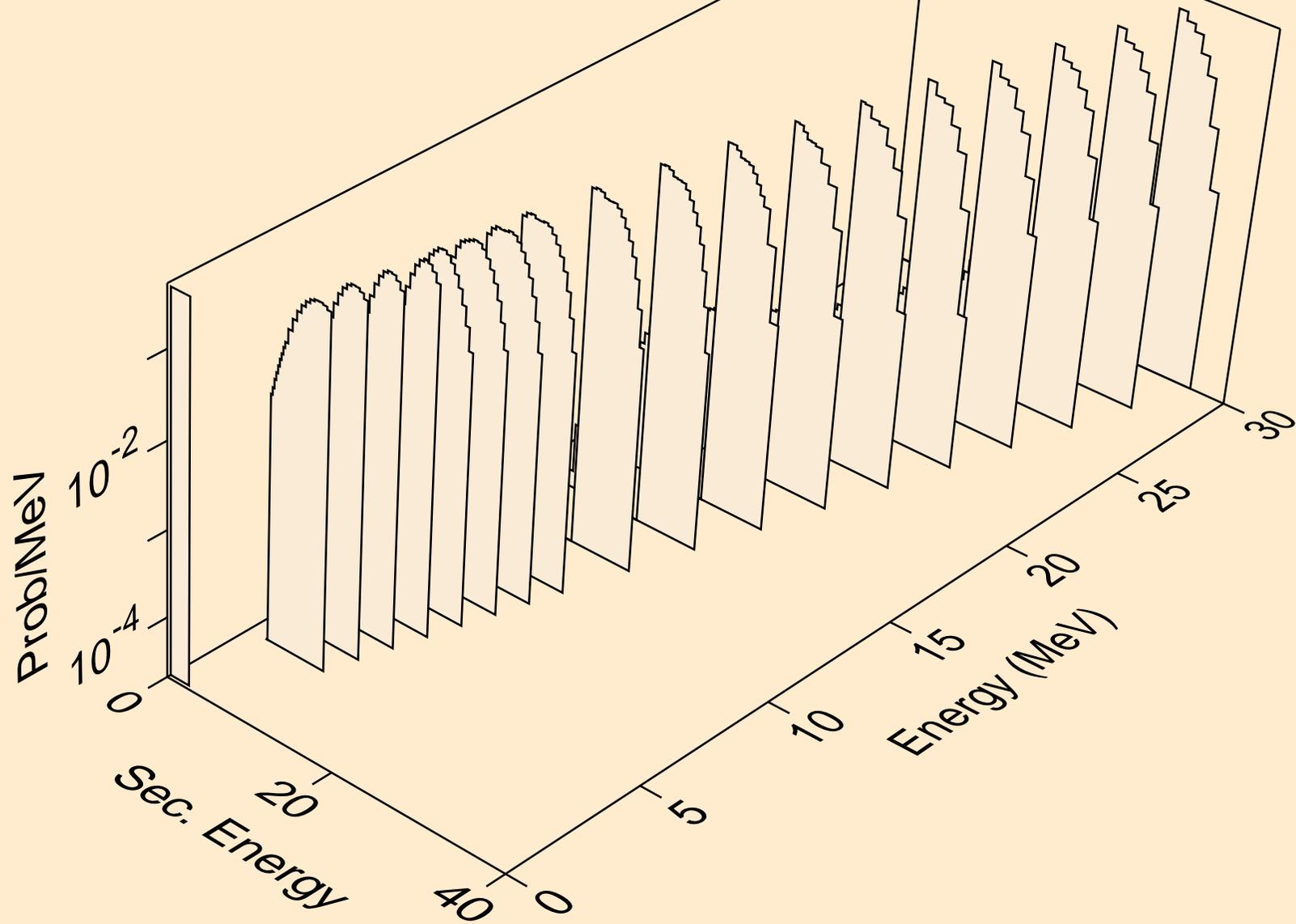
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protons from (s,n2p)



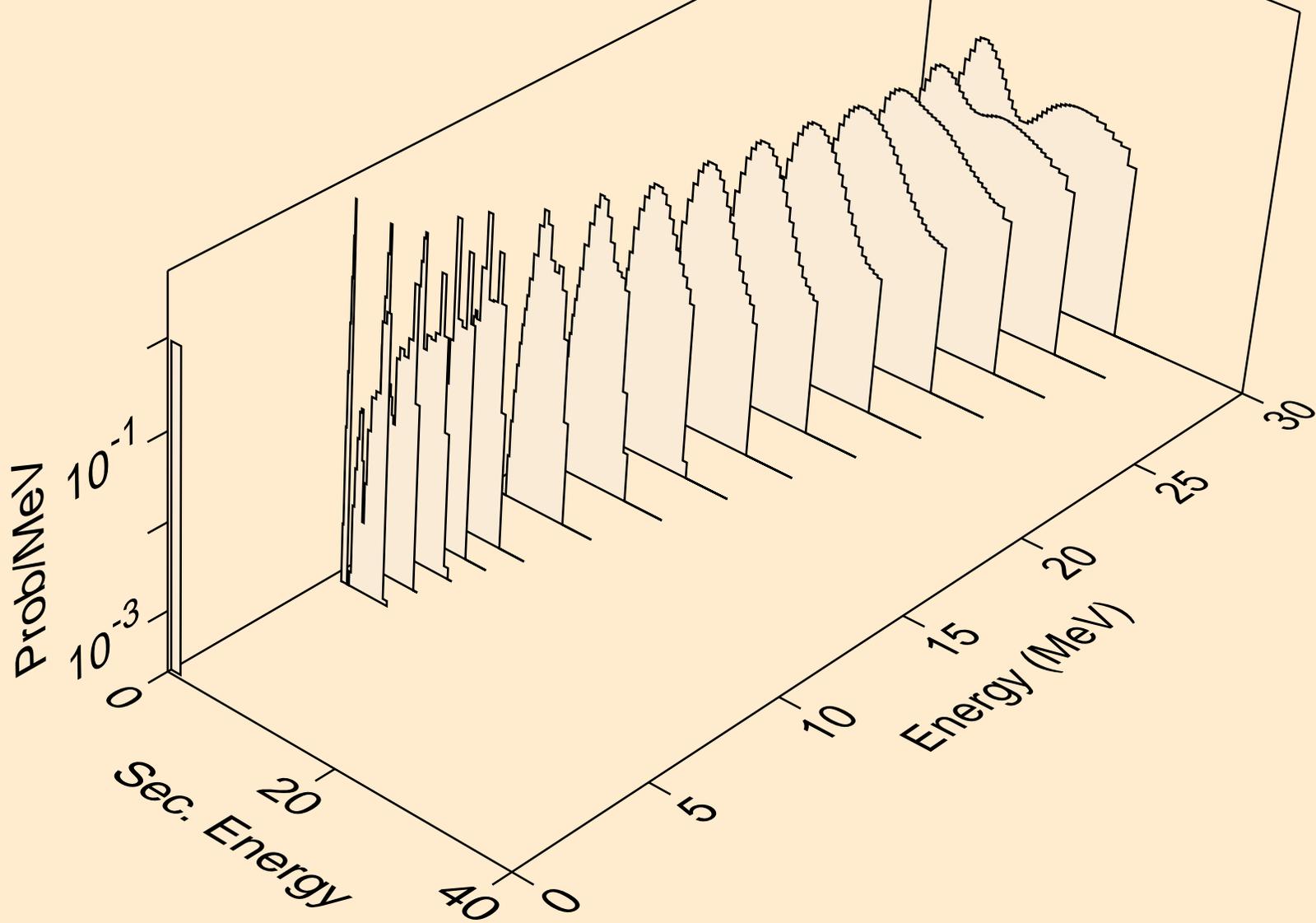
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protons from (s,npa)



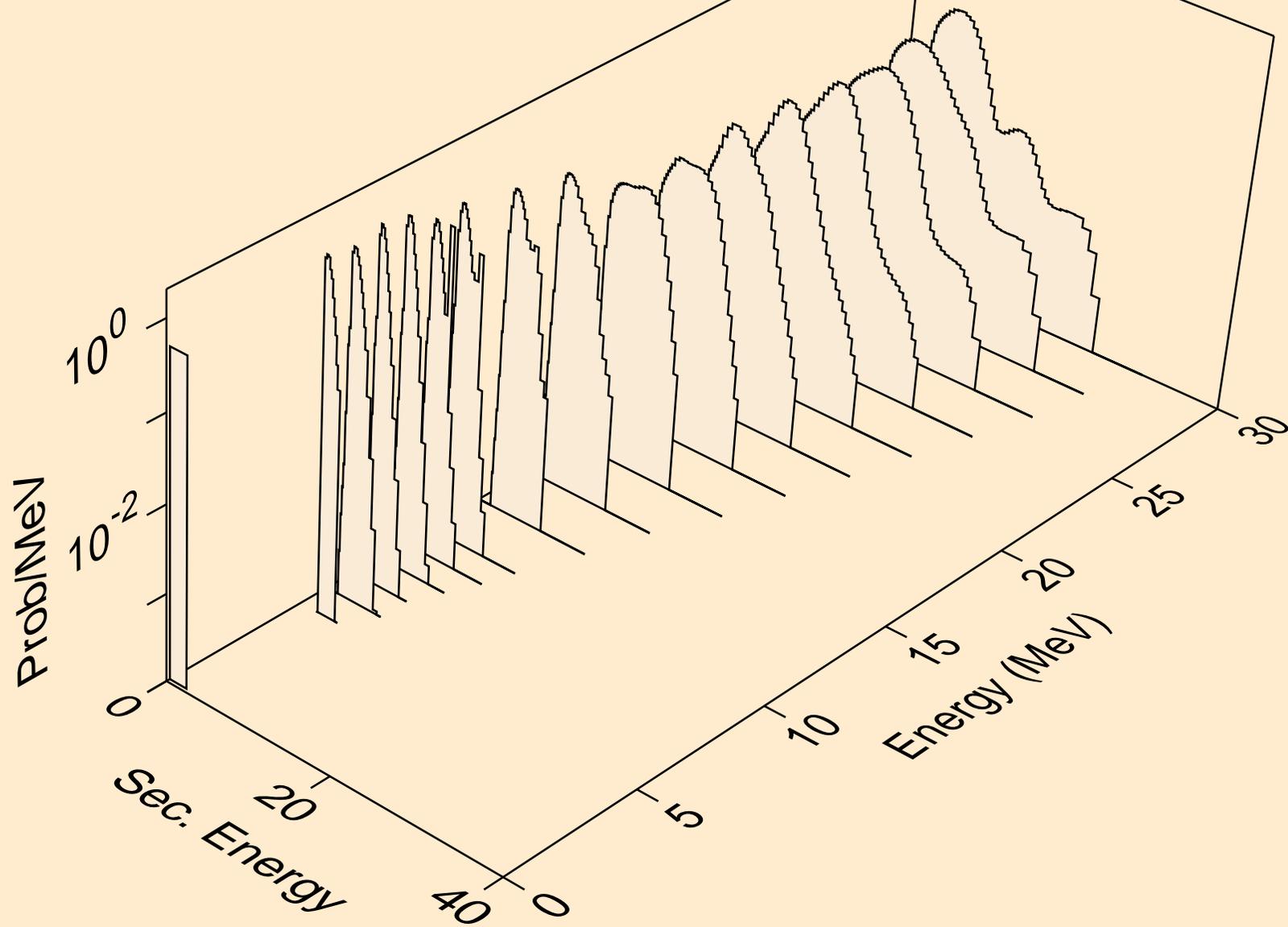
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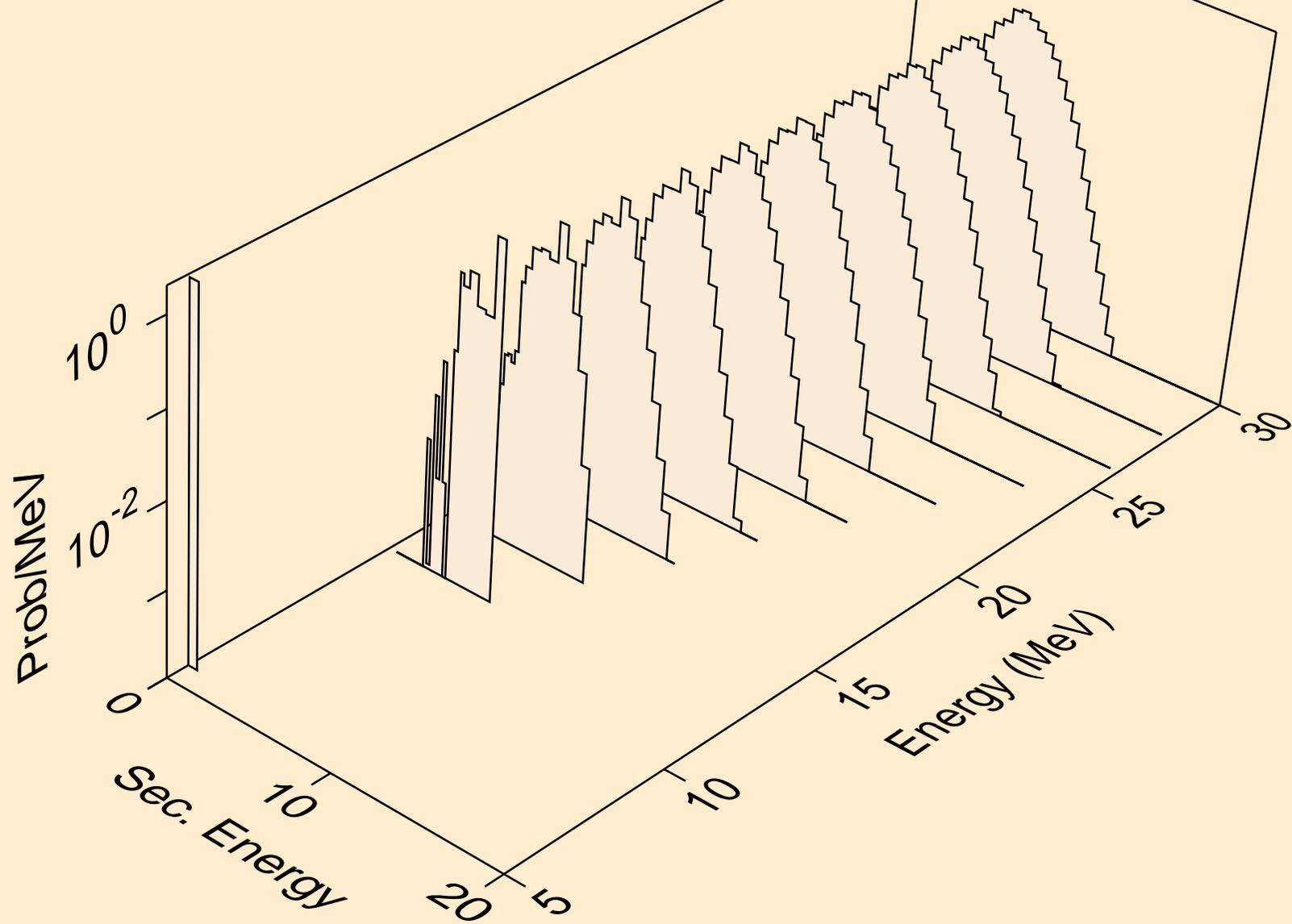
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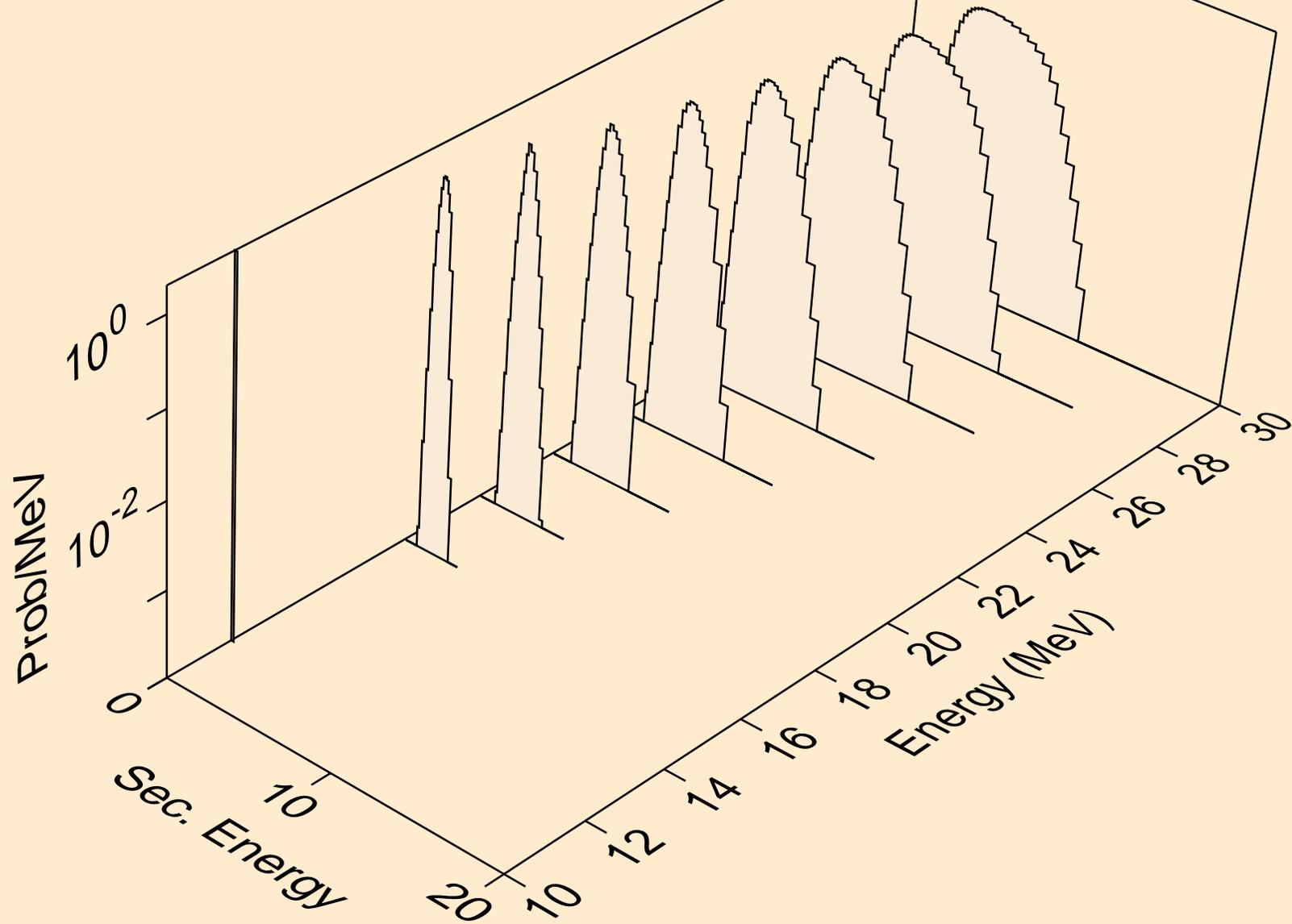
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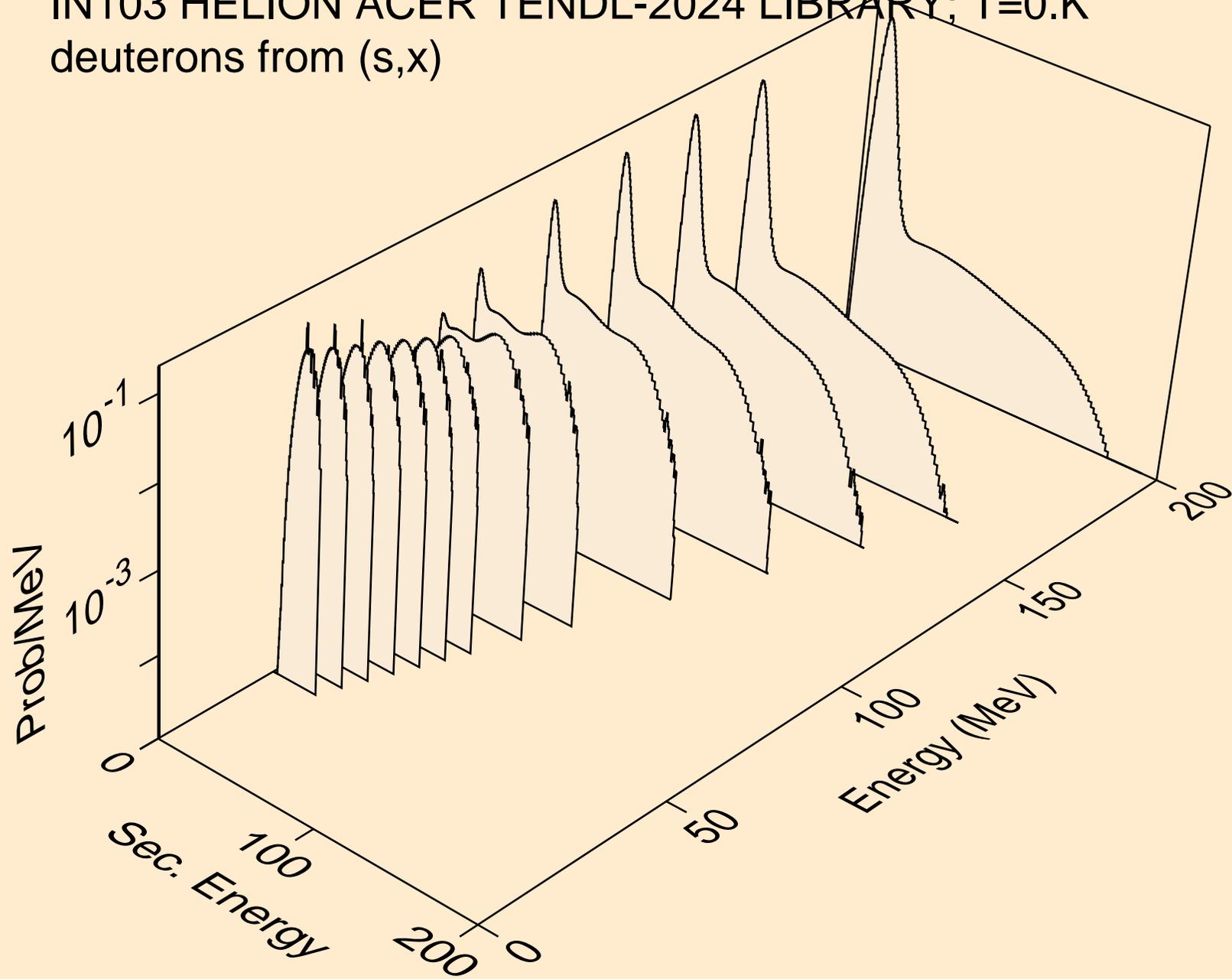
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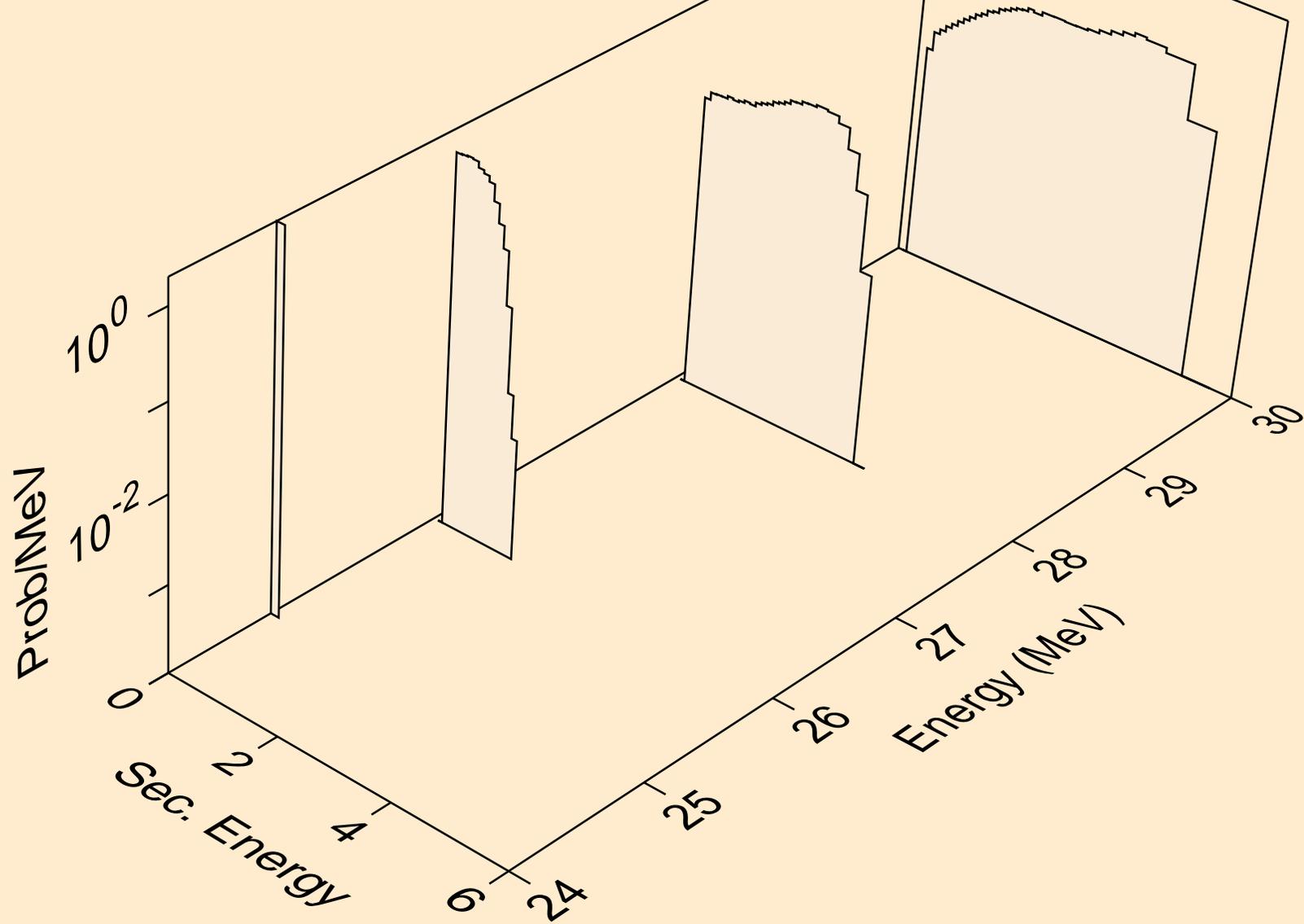
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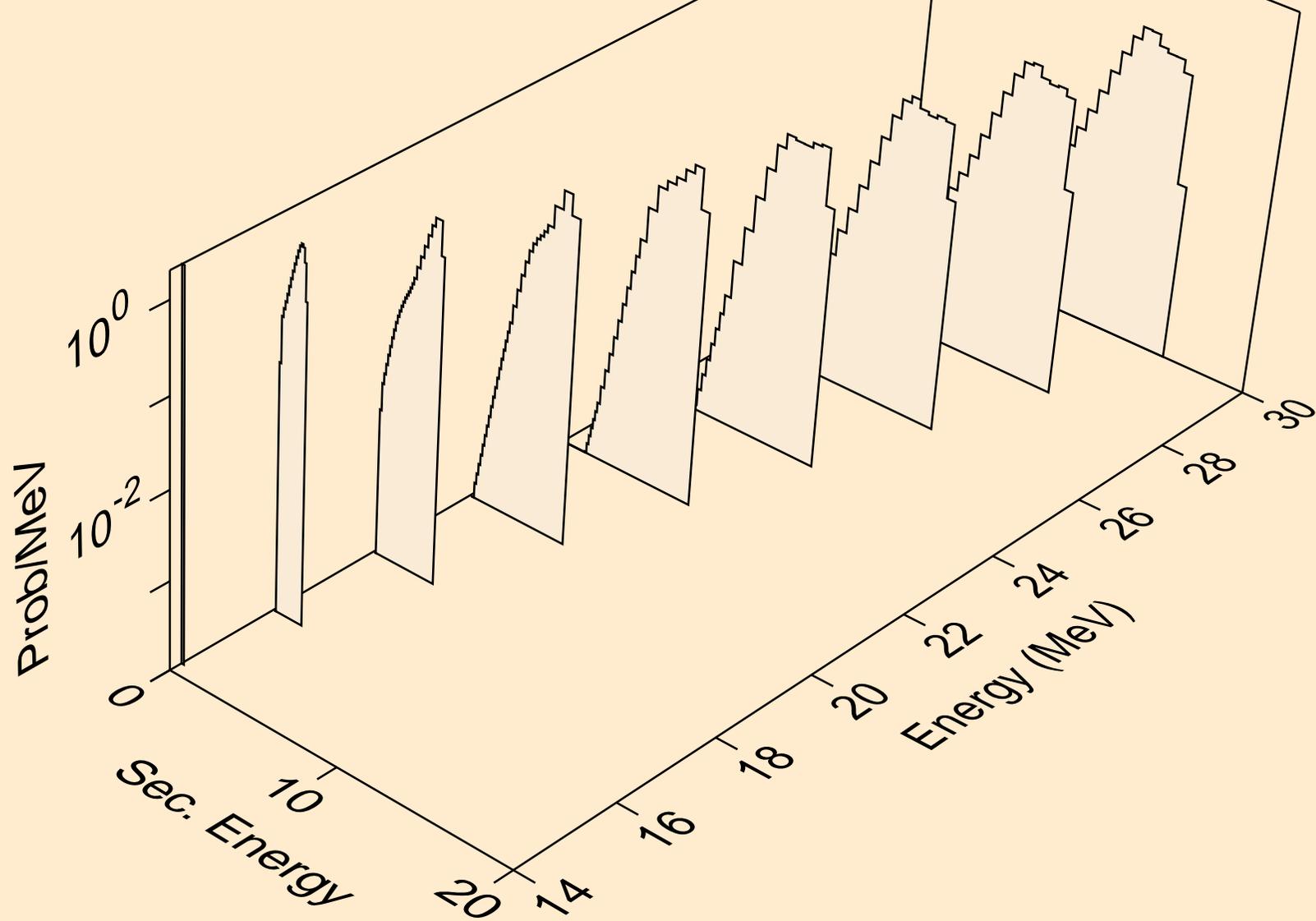
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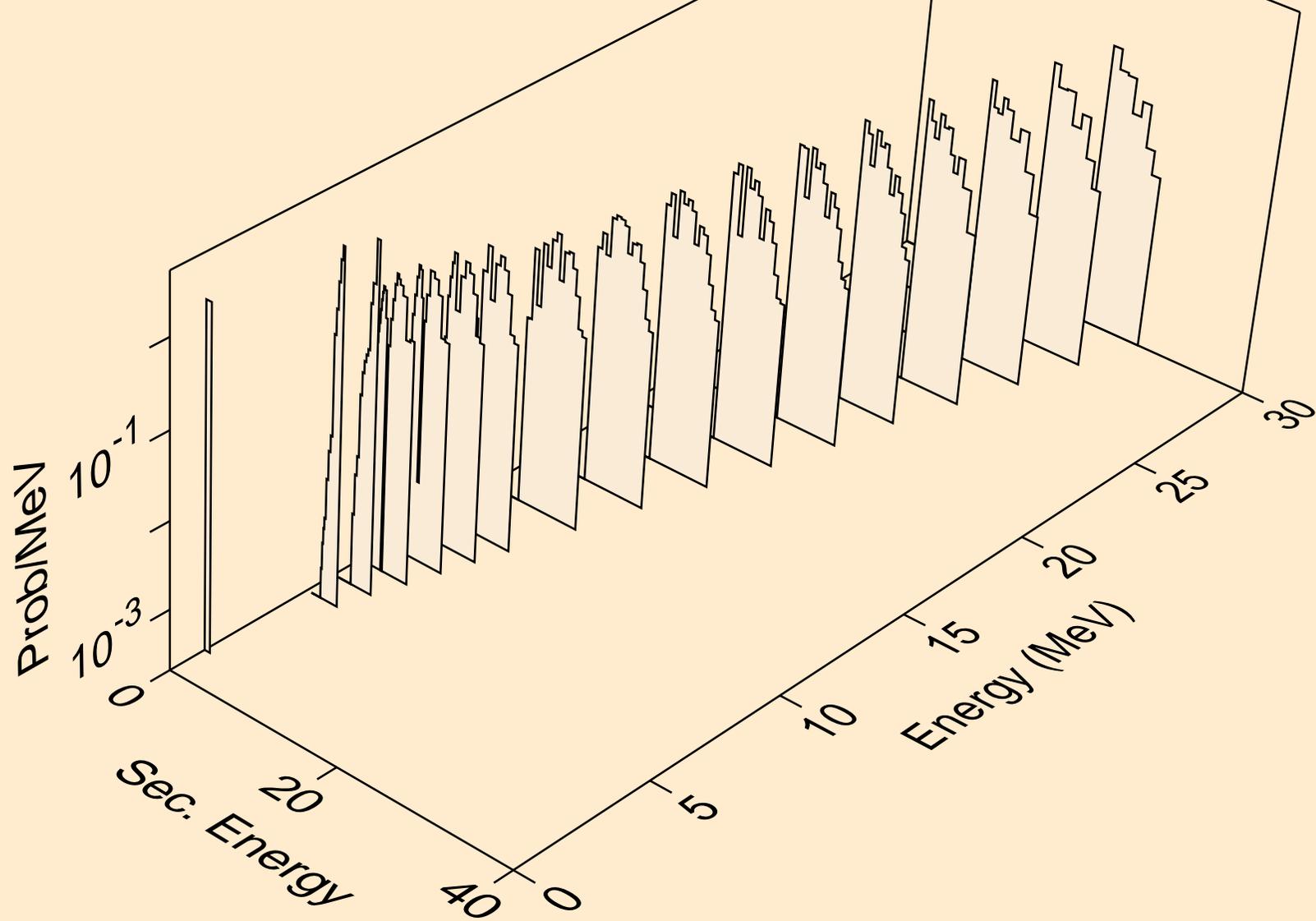
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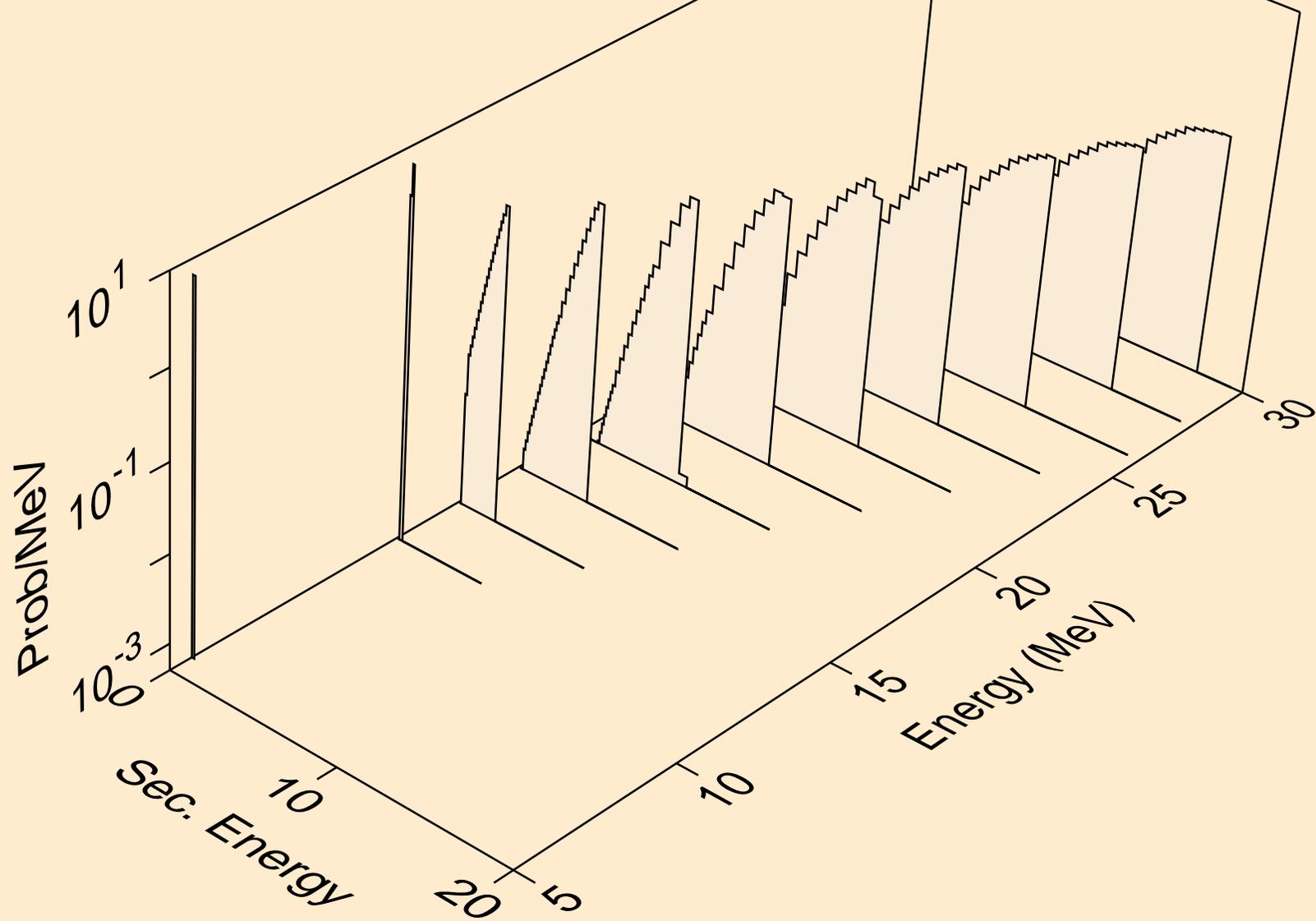
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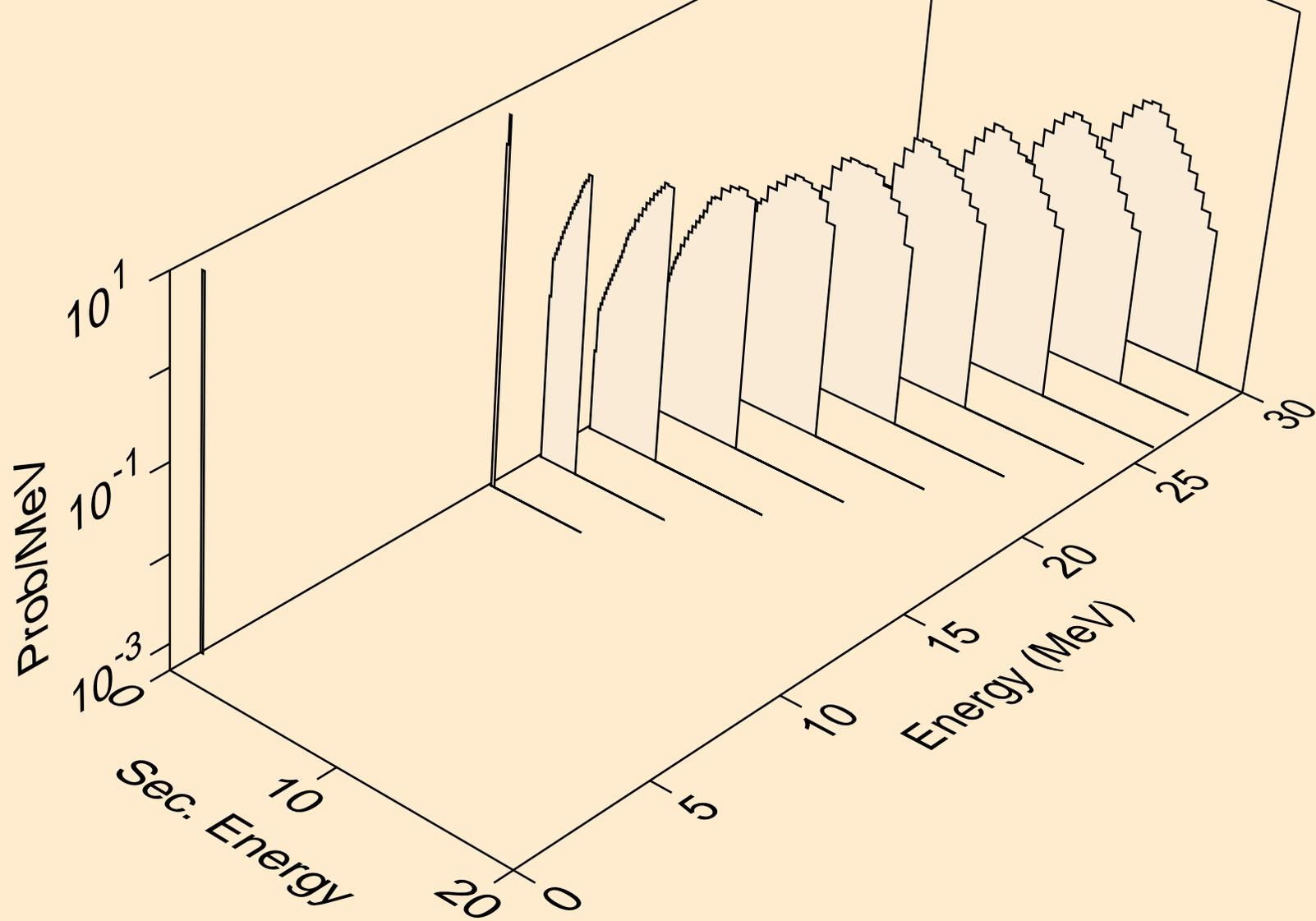
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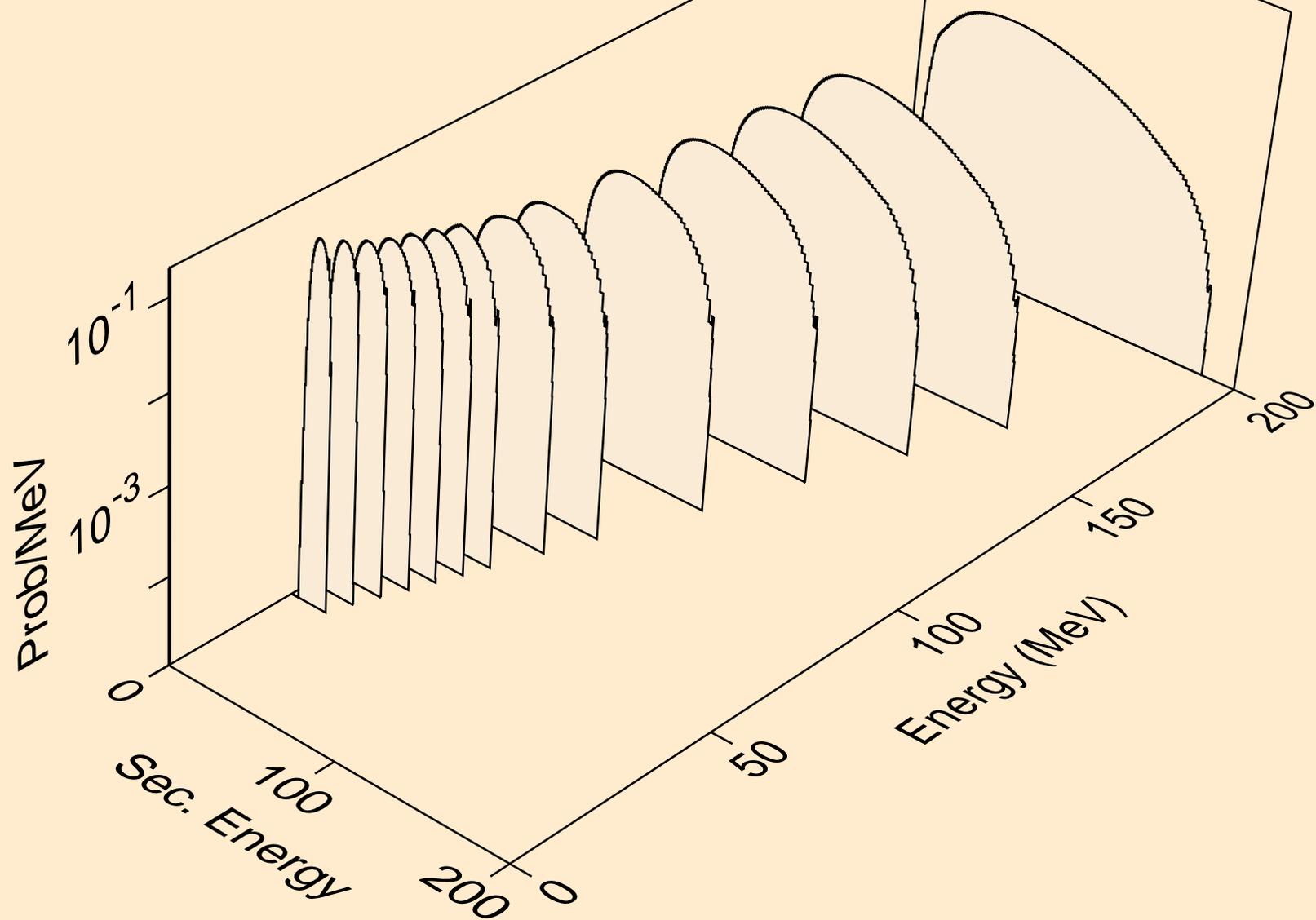
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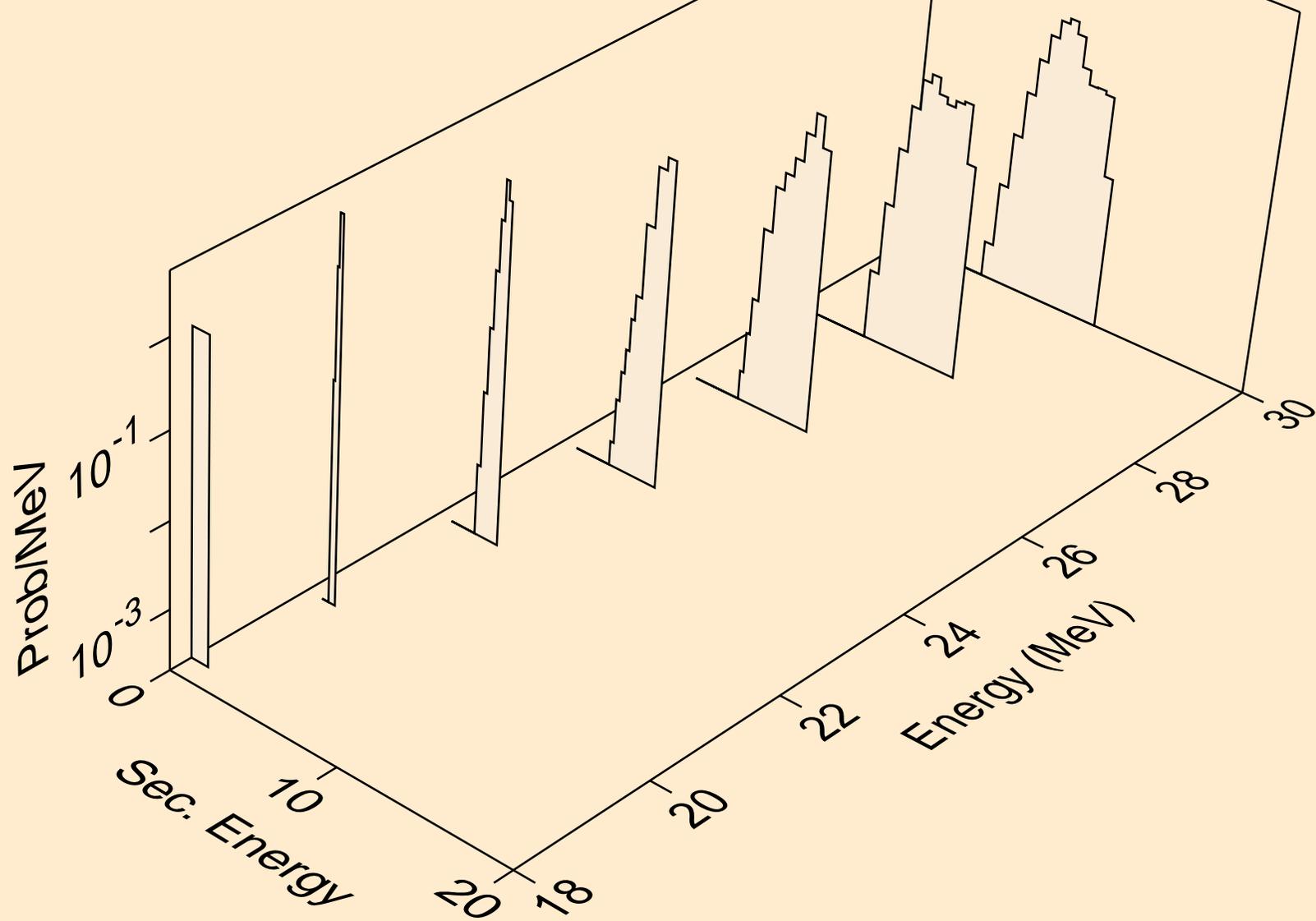
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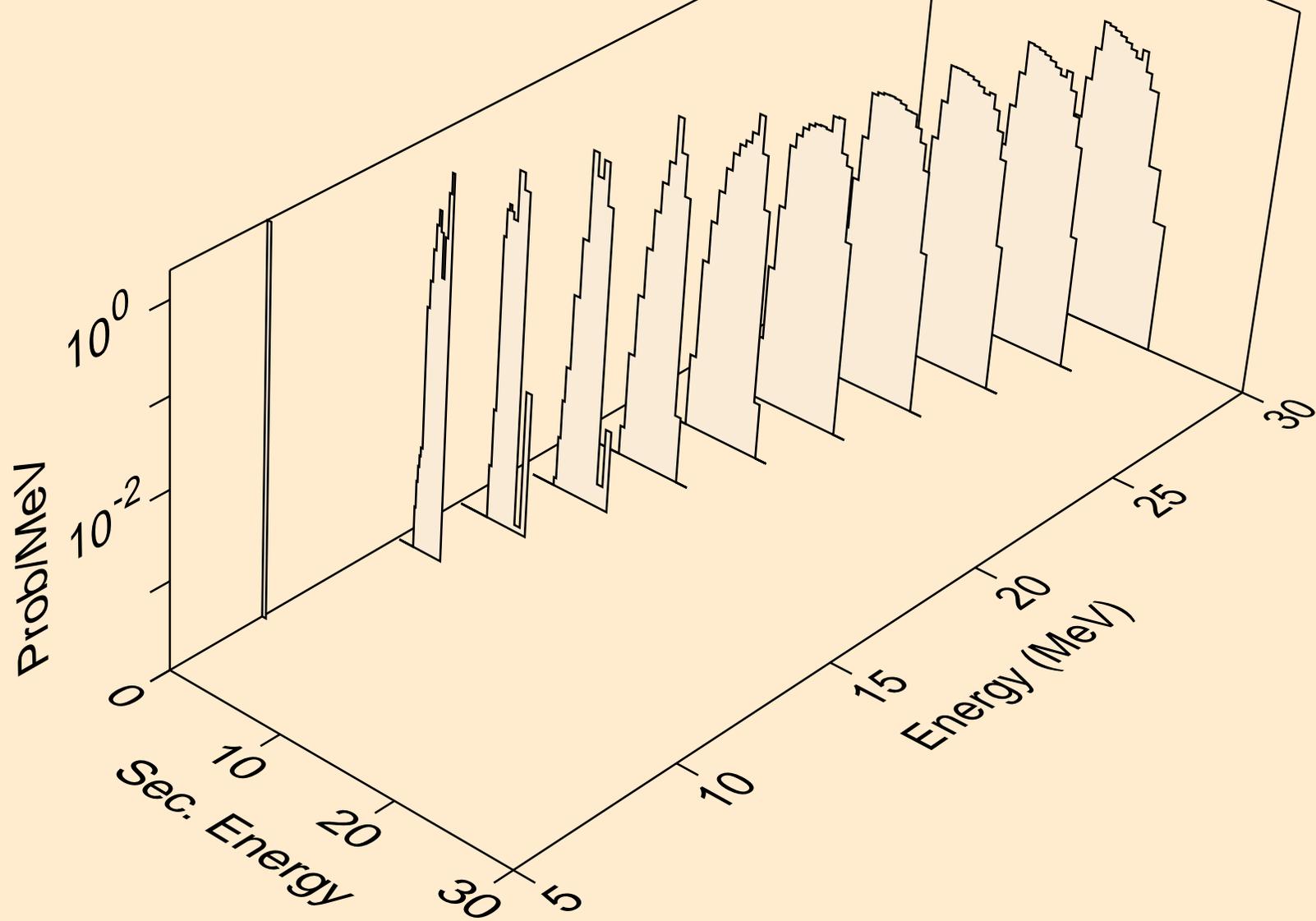
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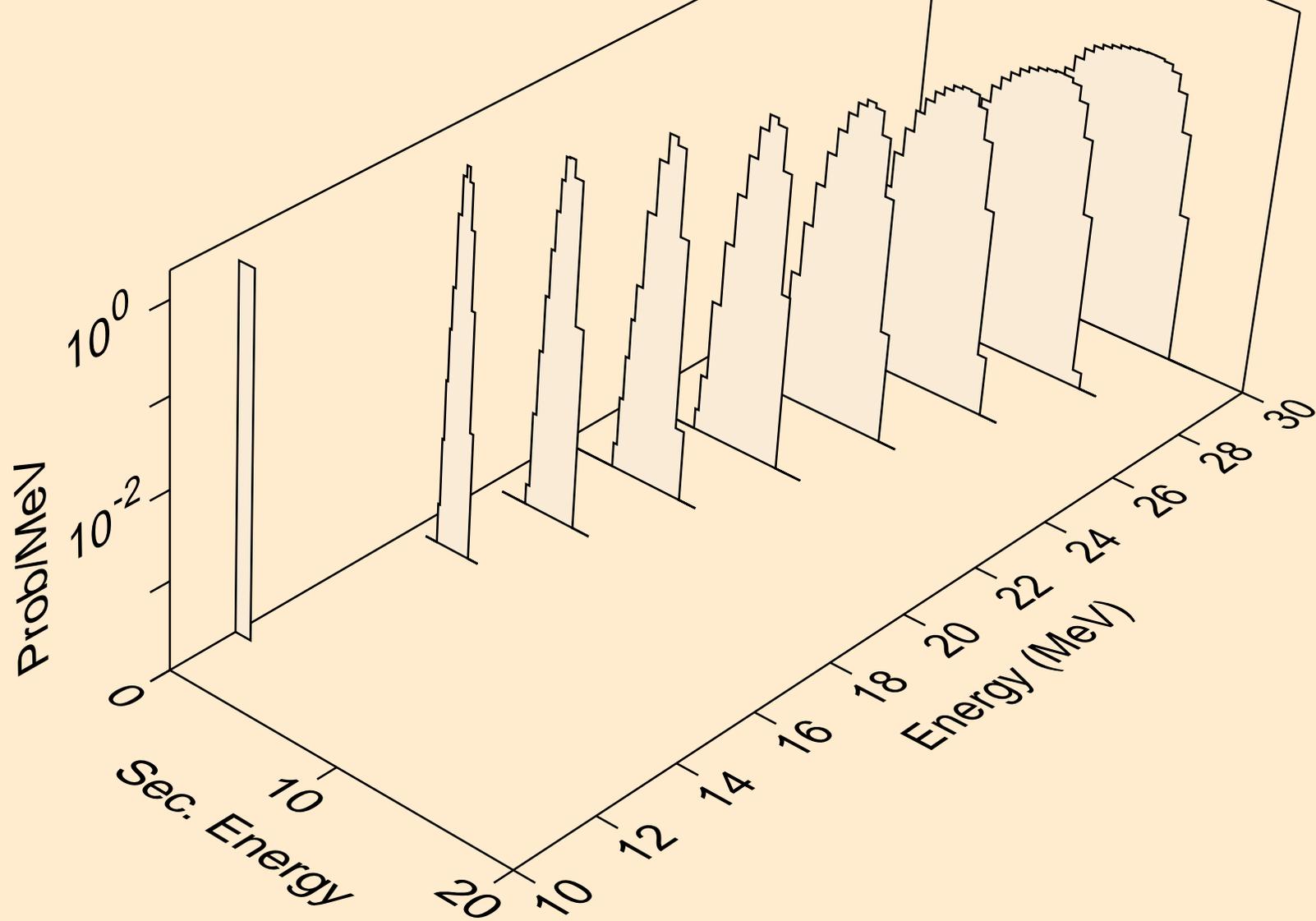
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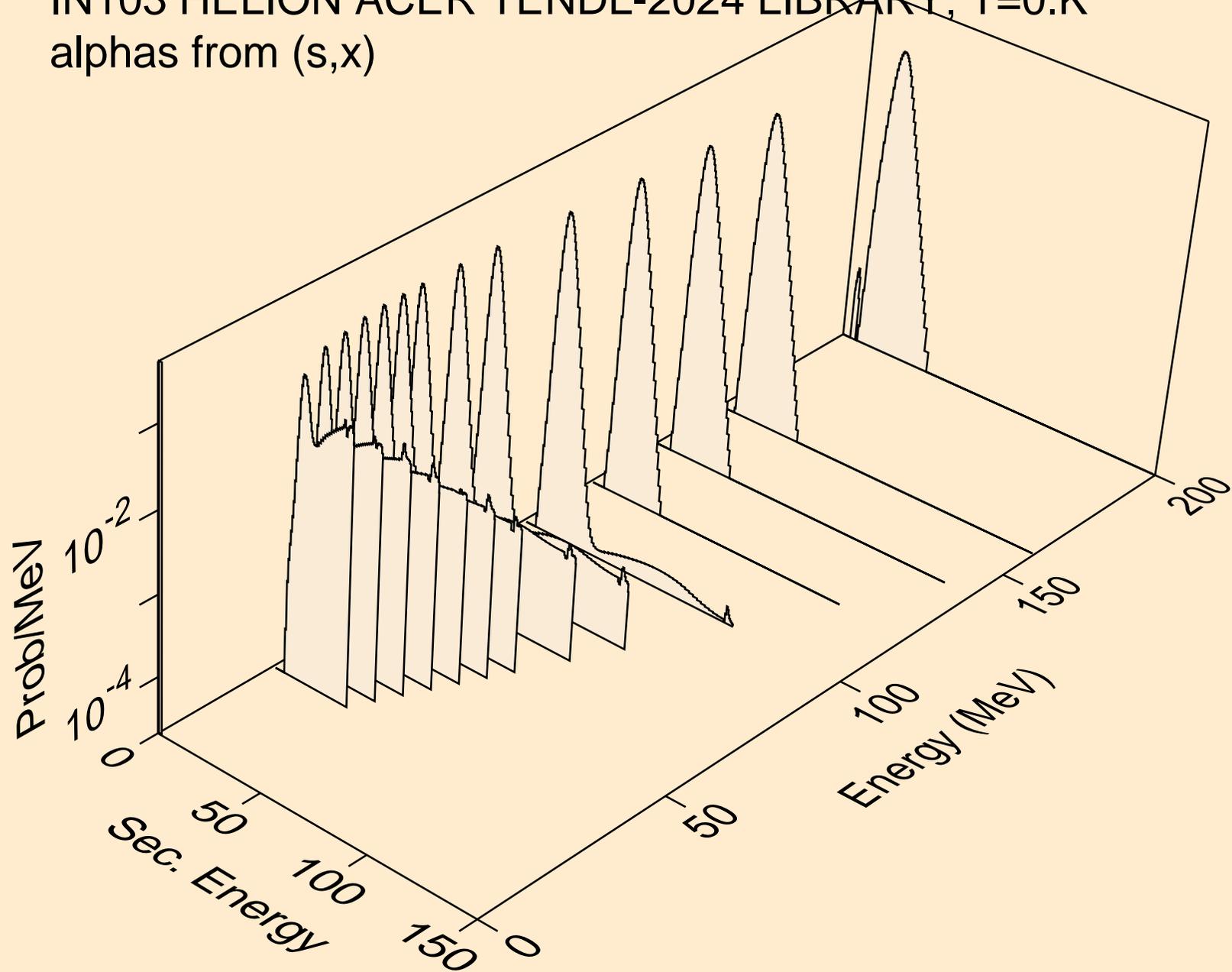
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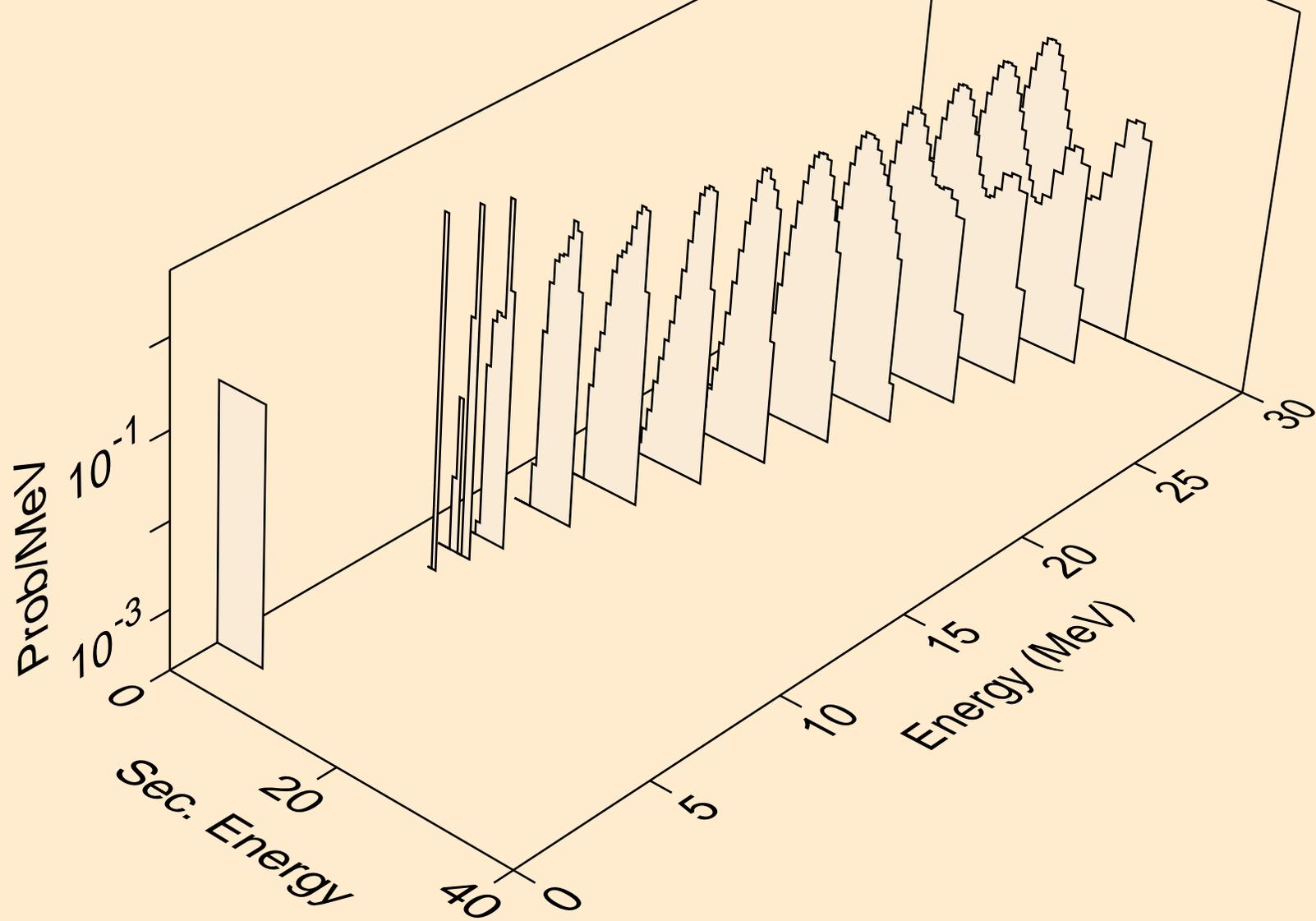
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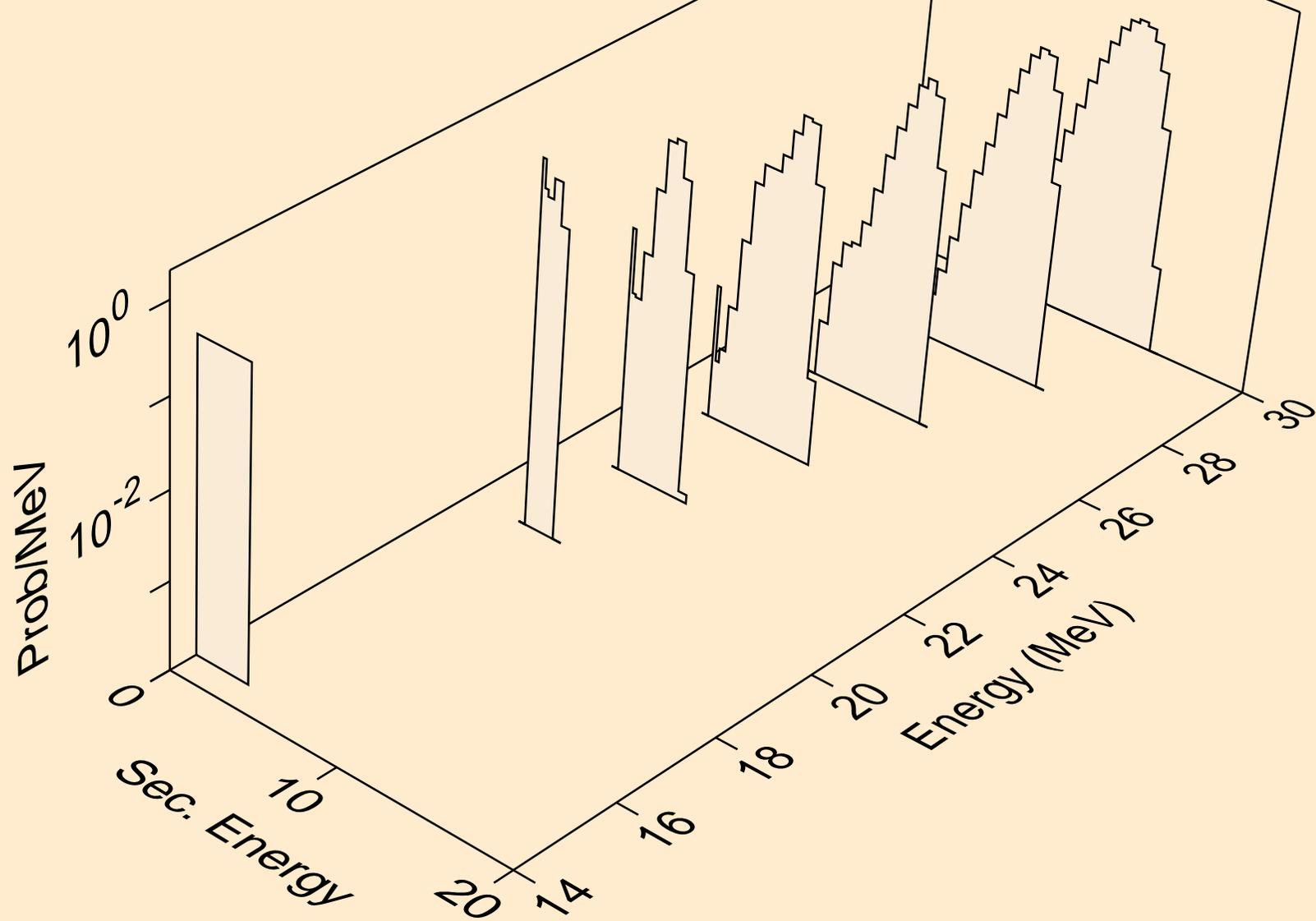
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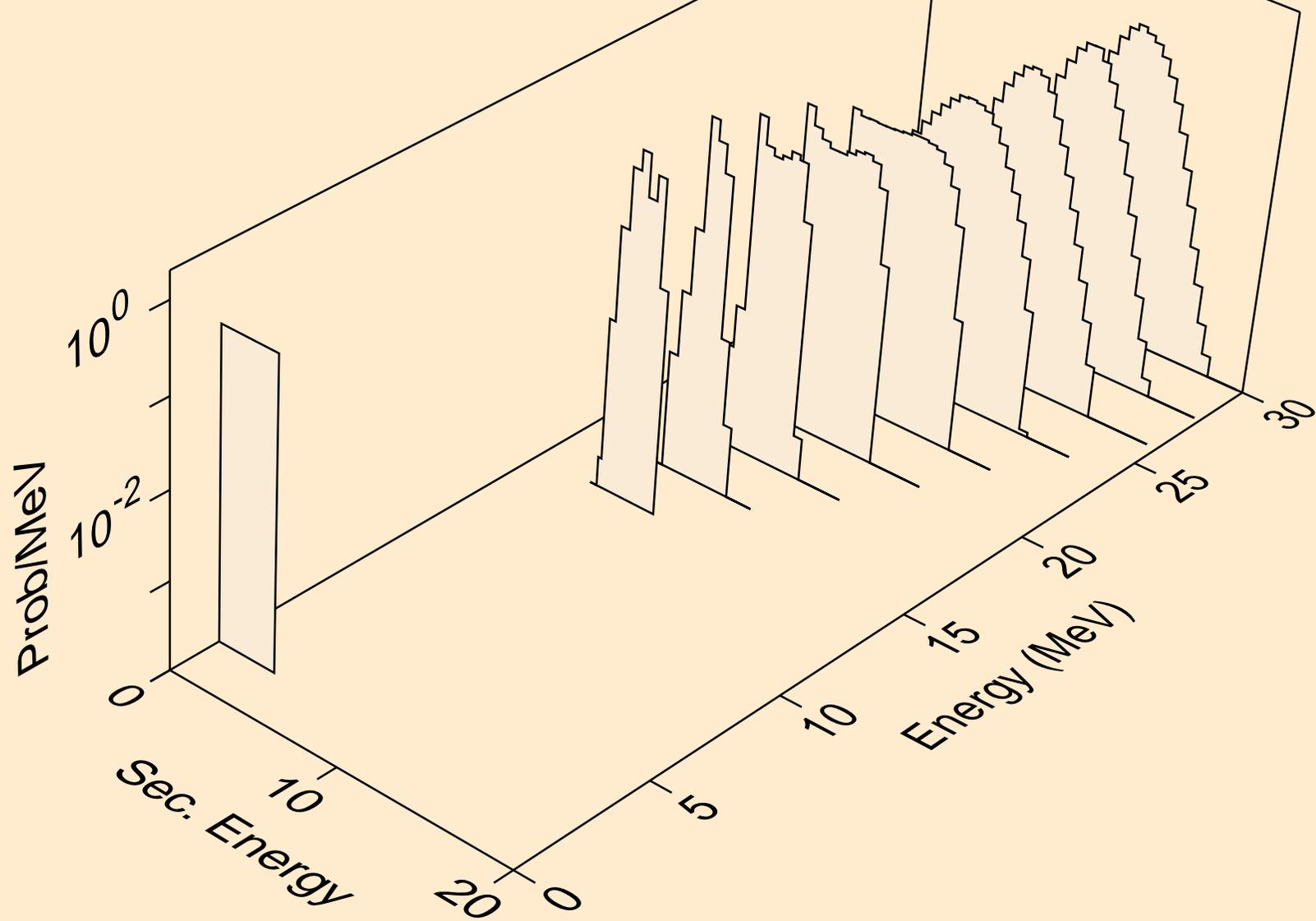
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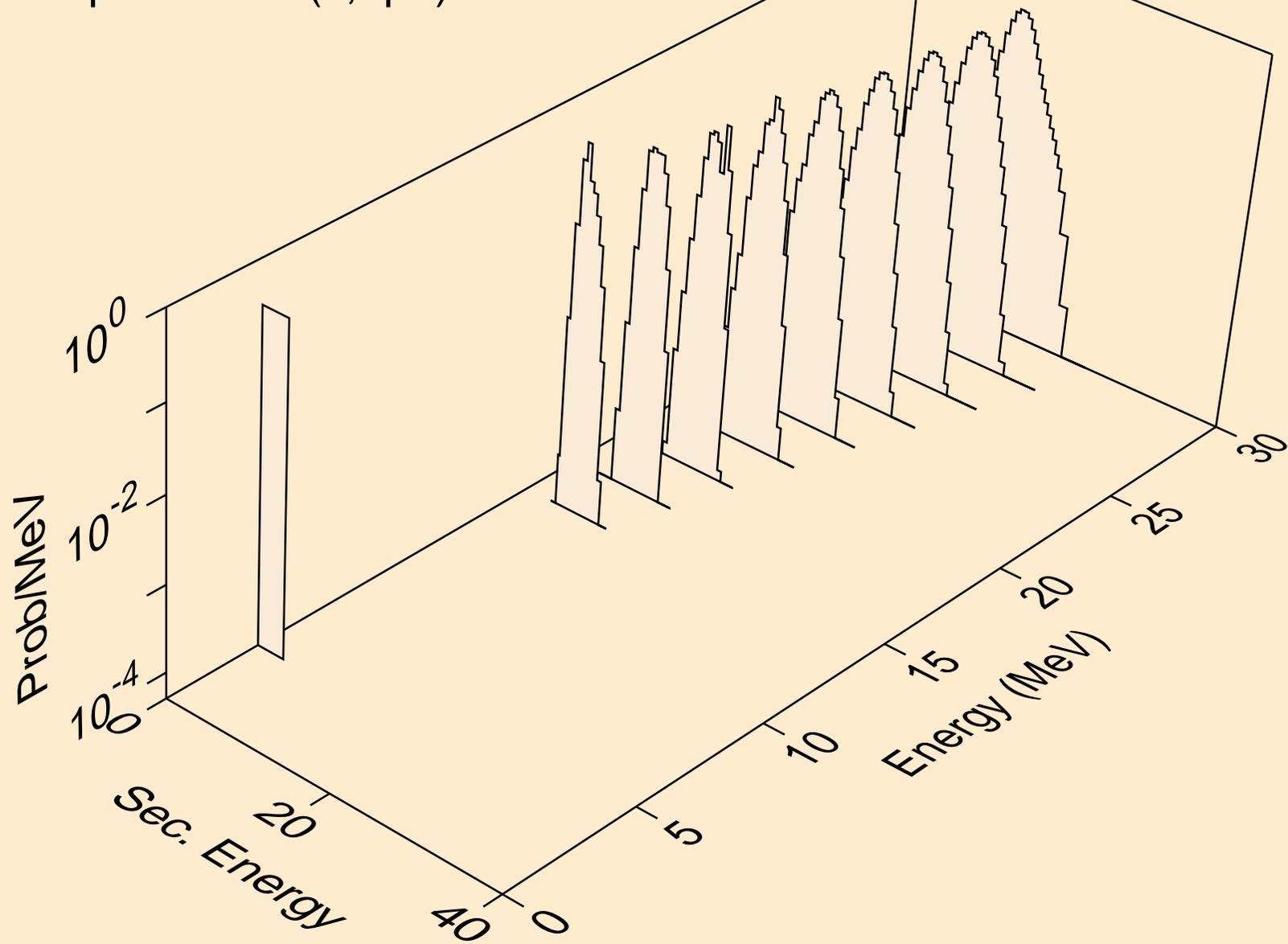
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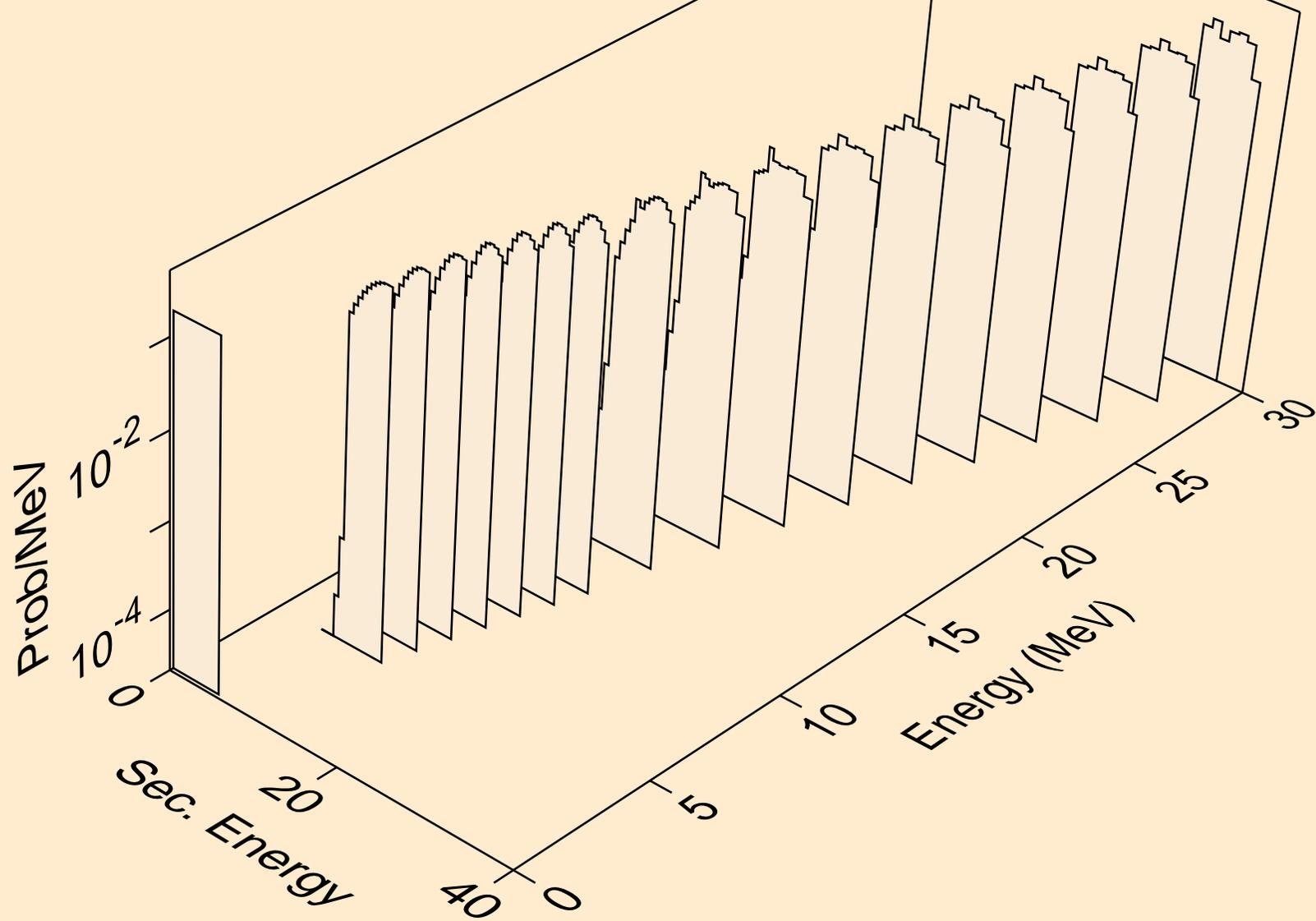
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alphas from (s,n\*)2a



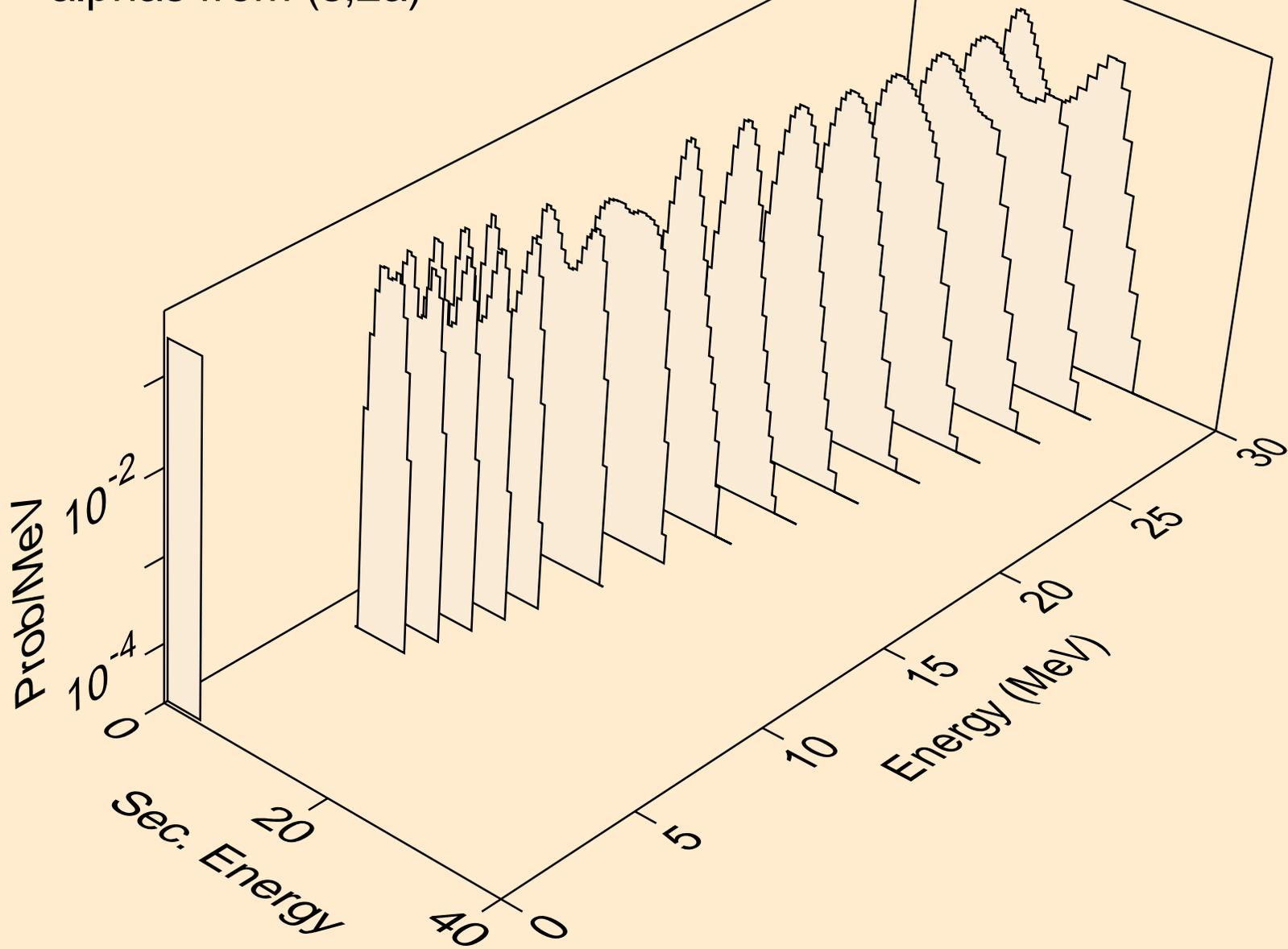
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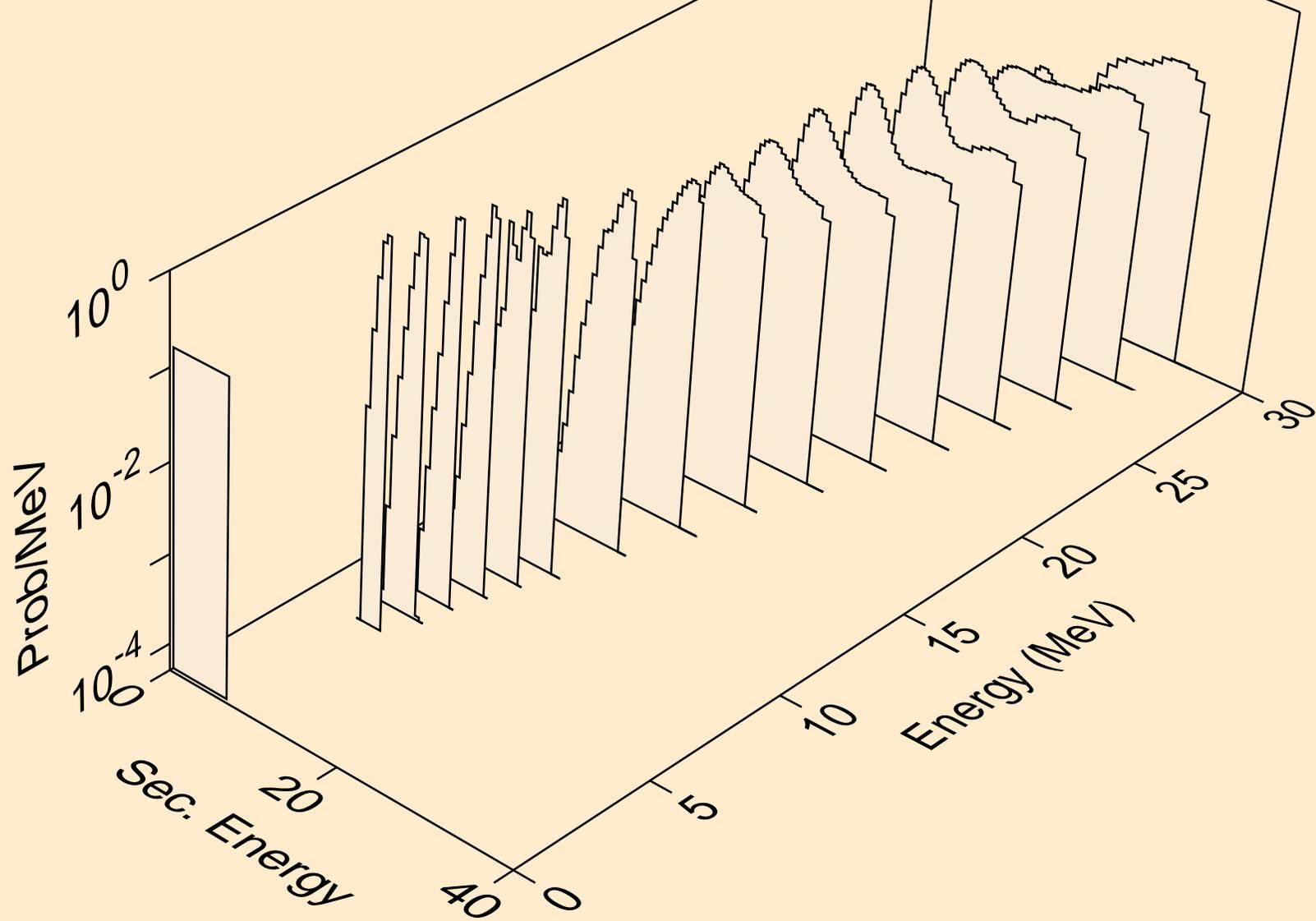
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alphas from (s,2a)



IN103 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,pa)



IN103 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,da)

