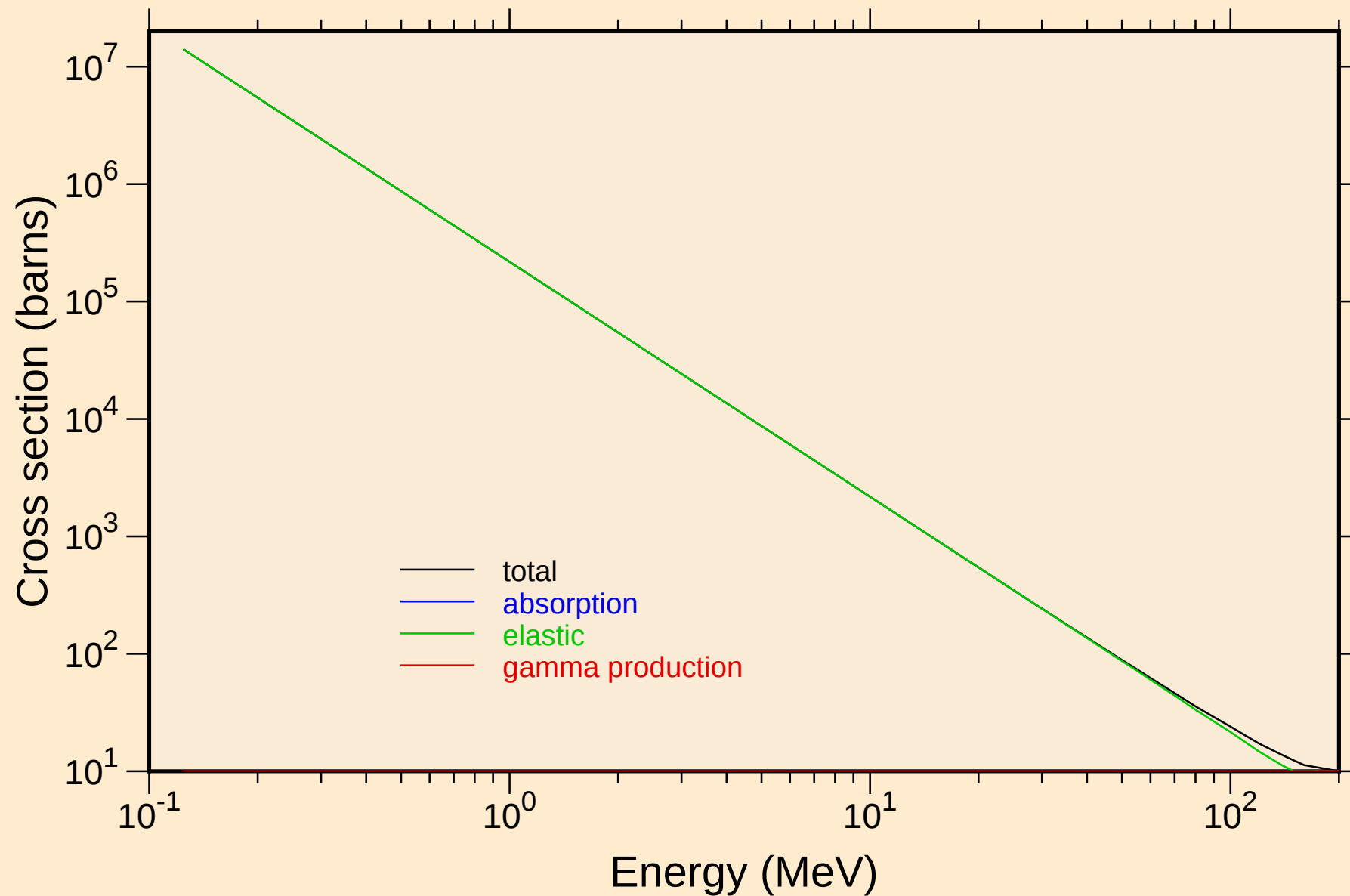


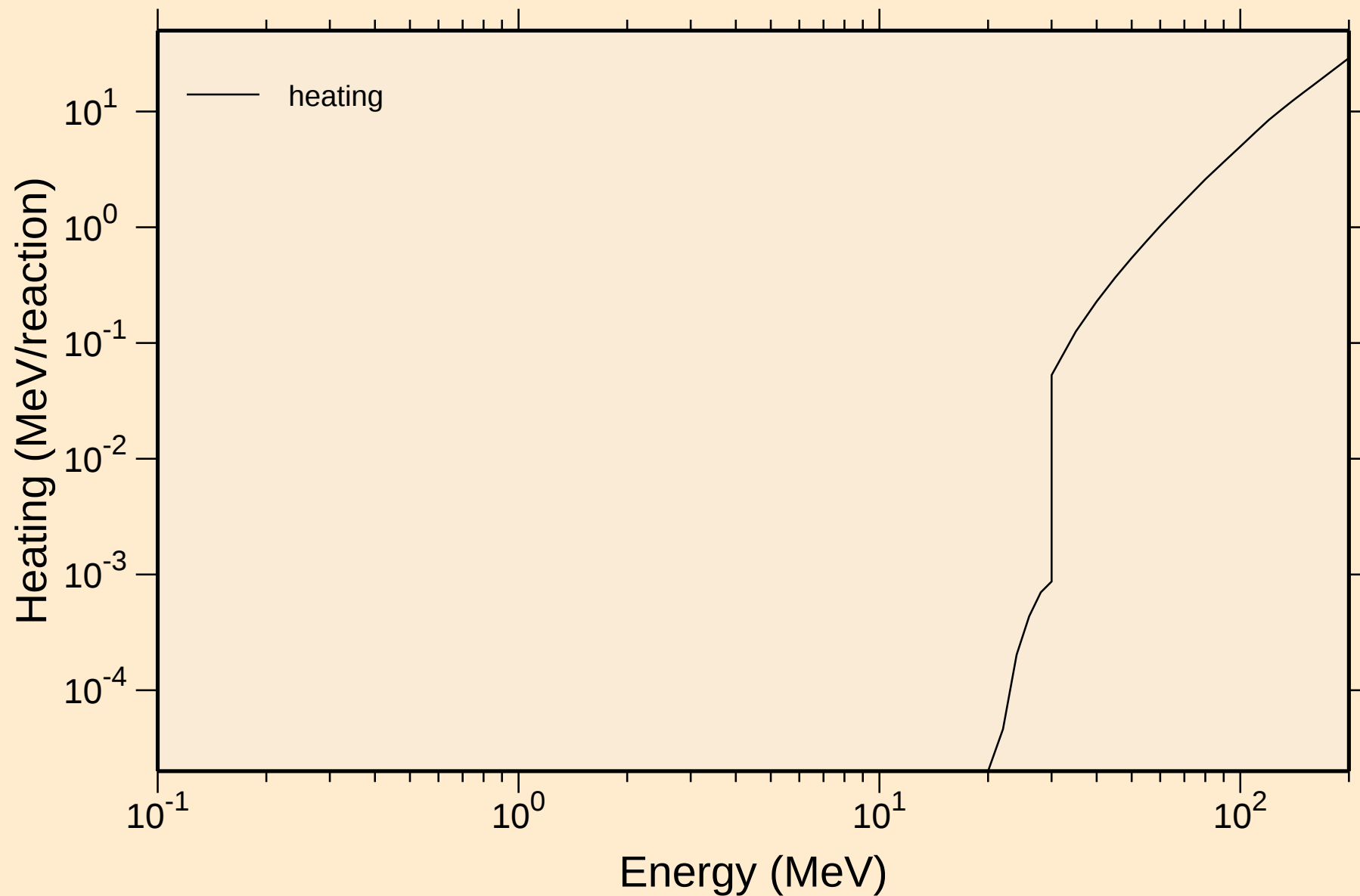
# NP230 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



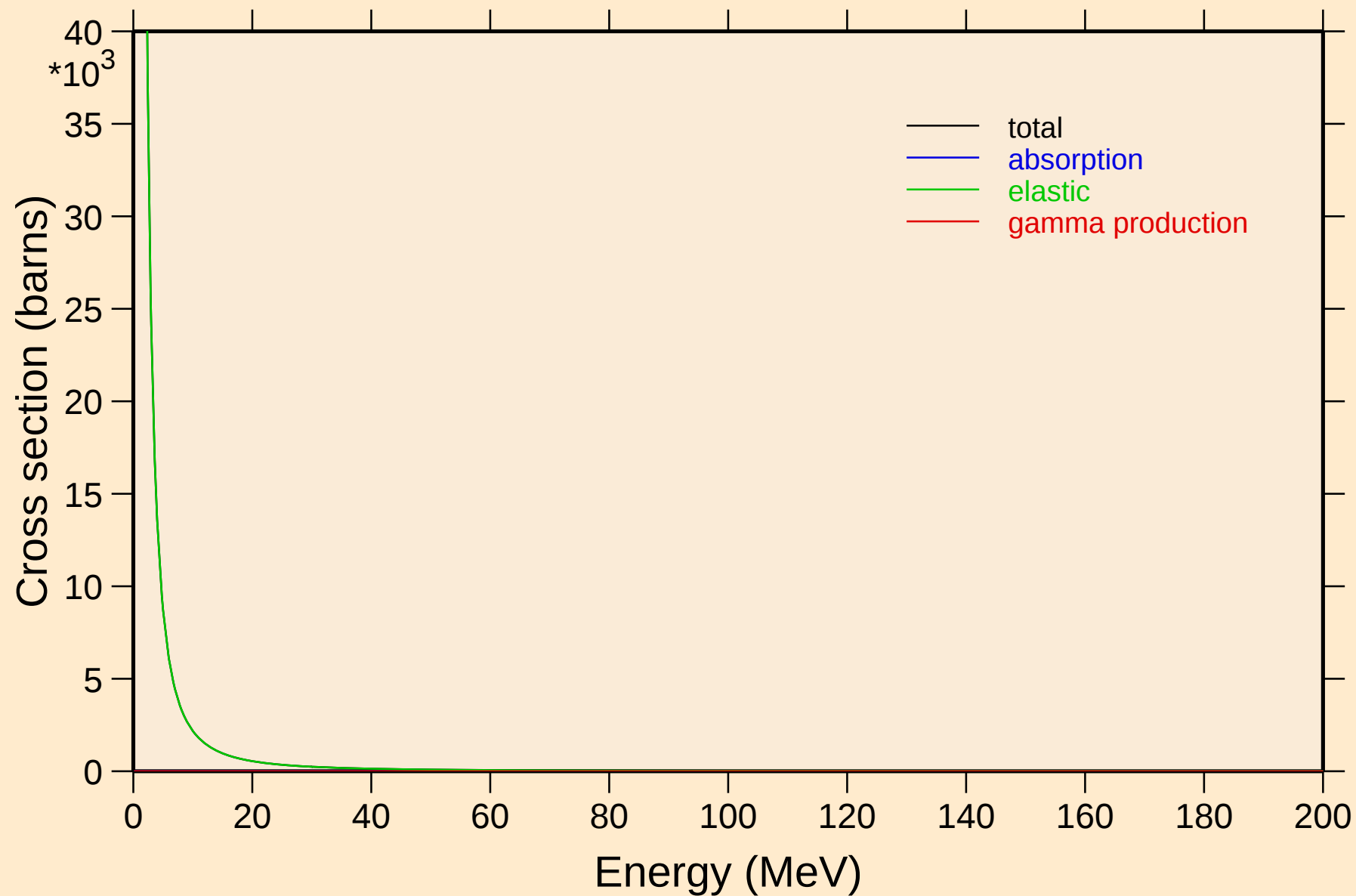
NP230 HELION ACER TENDL-2023 LIBRARY; T=0.K

Heating



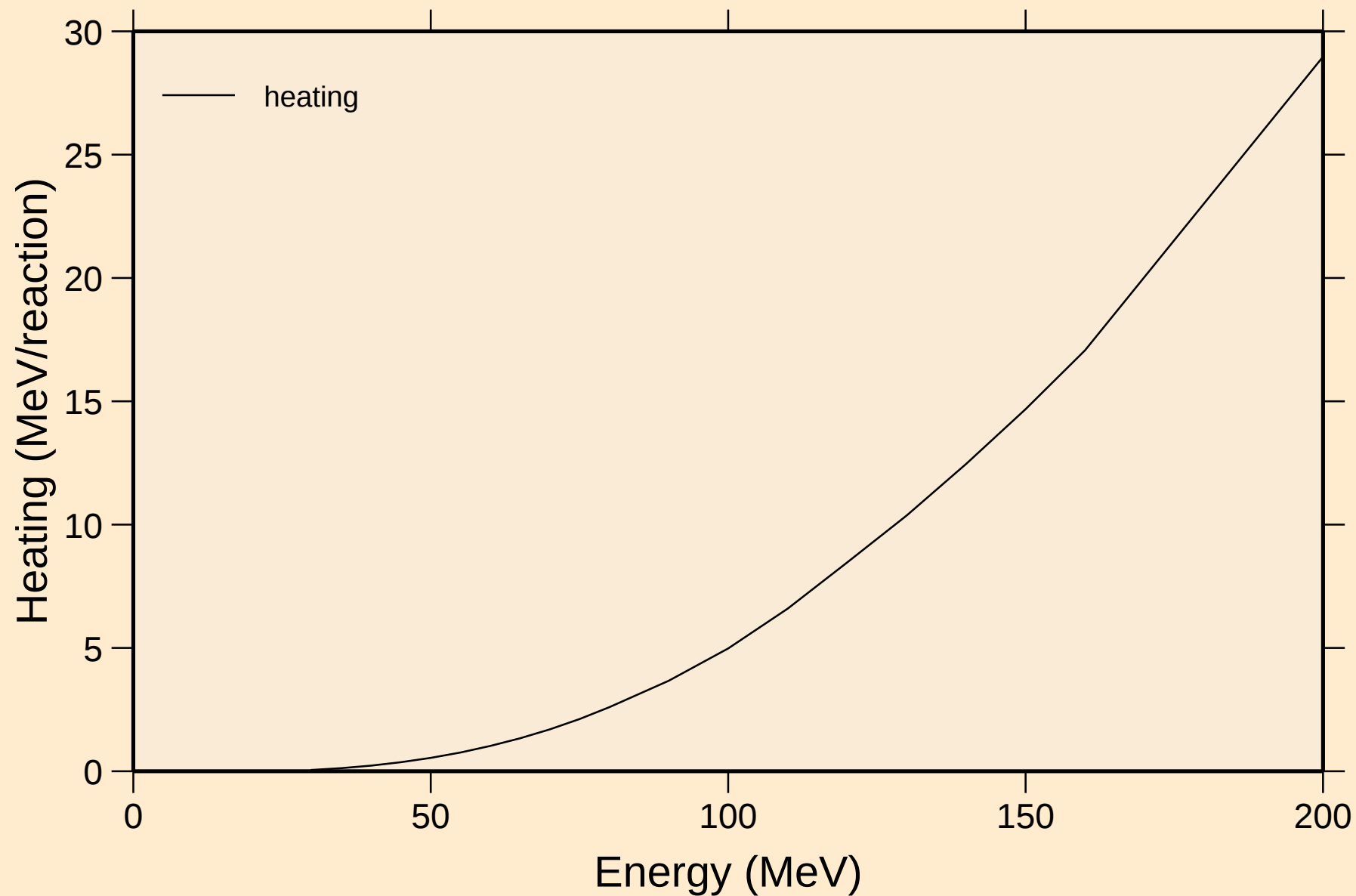
# NP230 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



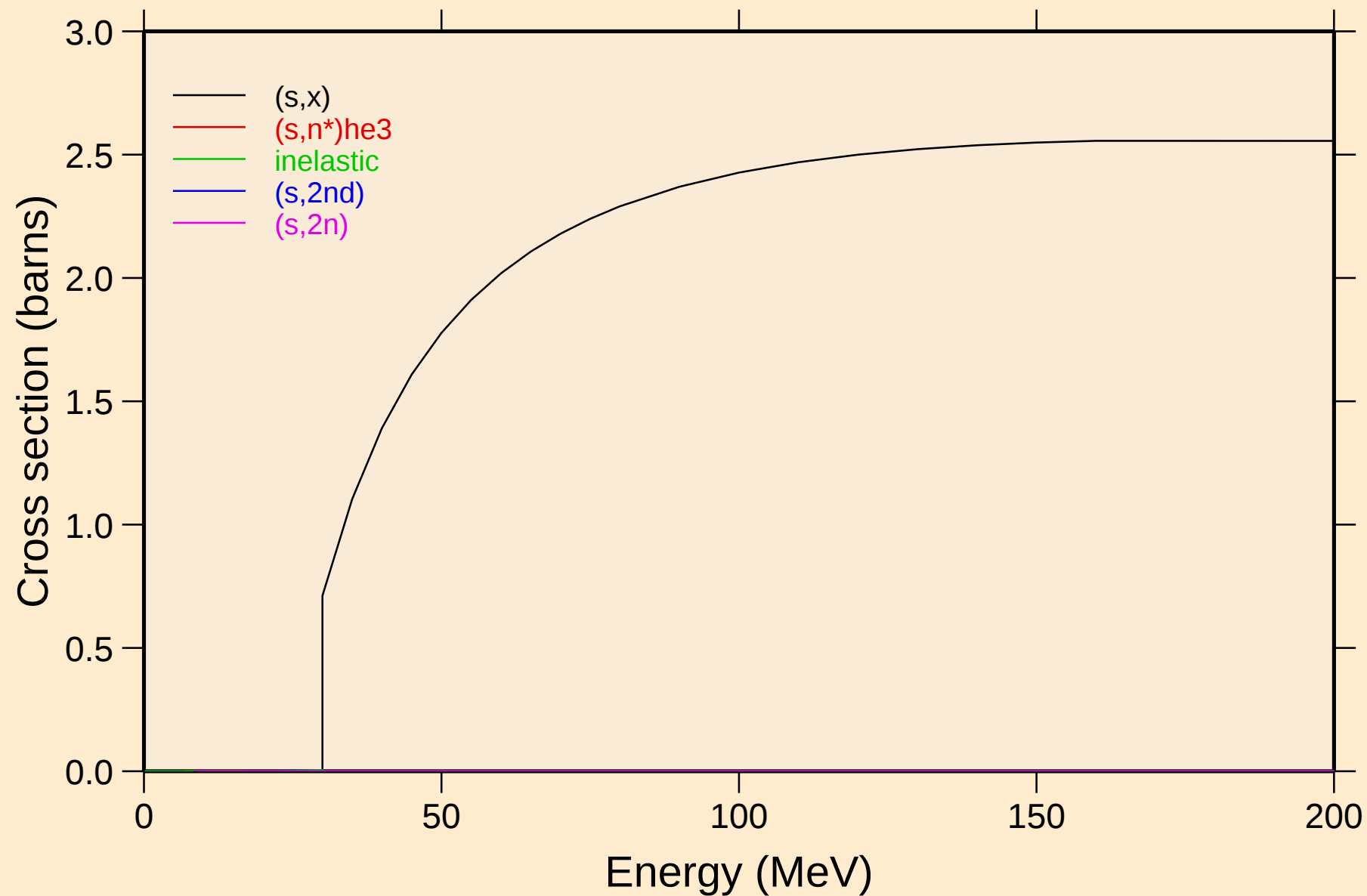
NP230 HELION ACER TENDL-2023 LIBRARY; T=0.K

Heating



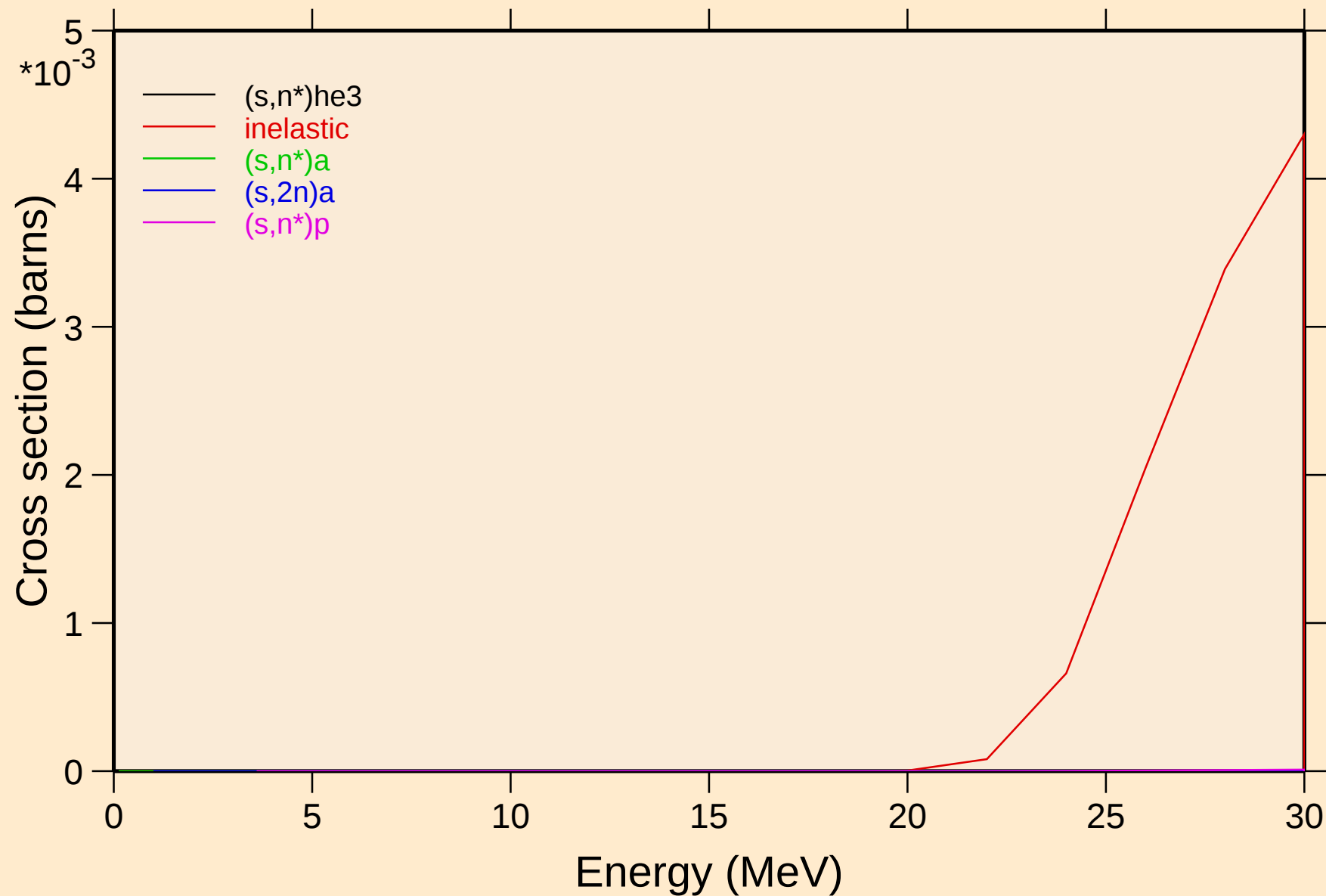
# NP230 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



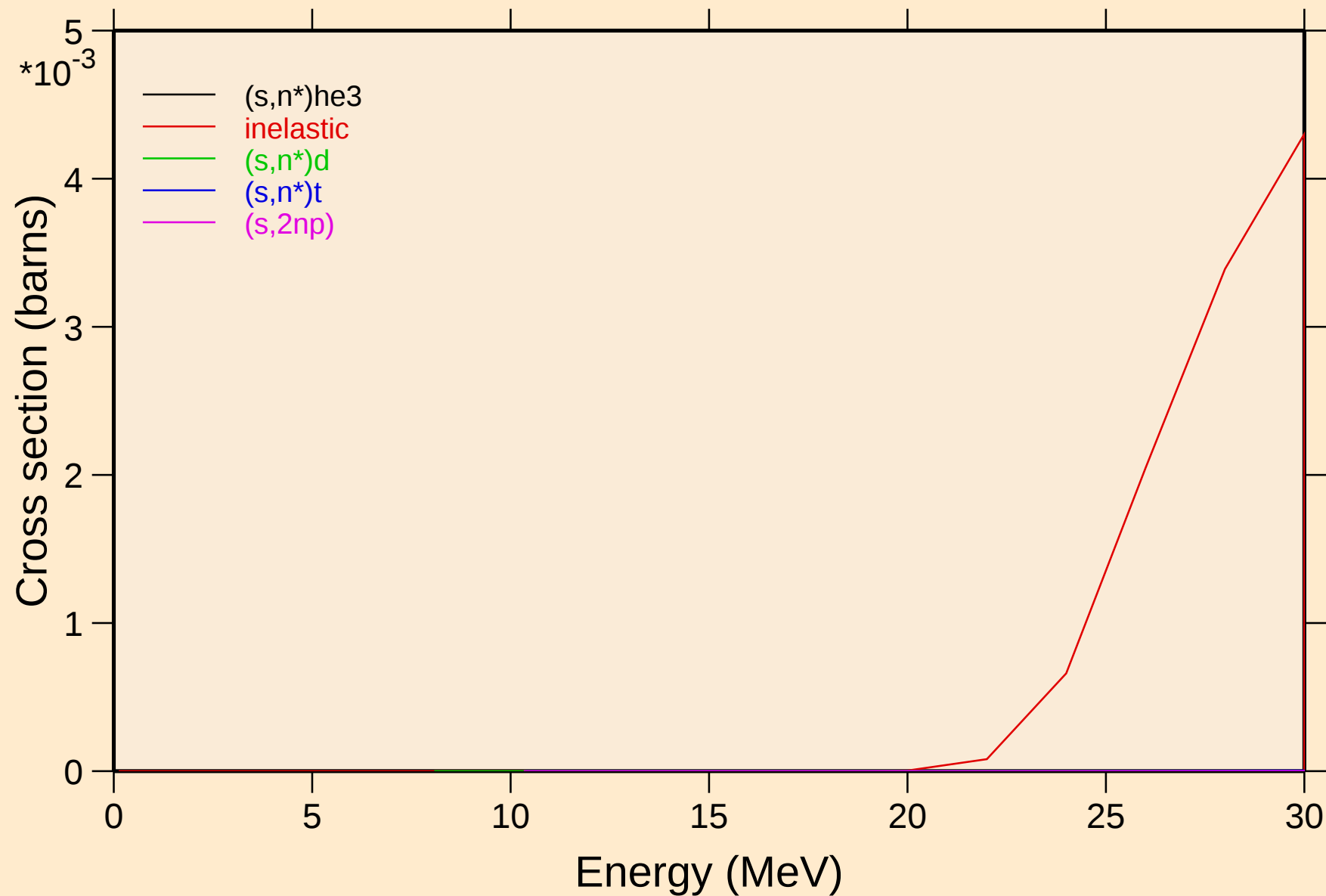
# NP230 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



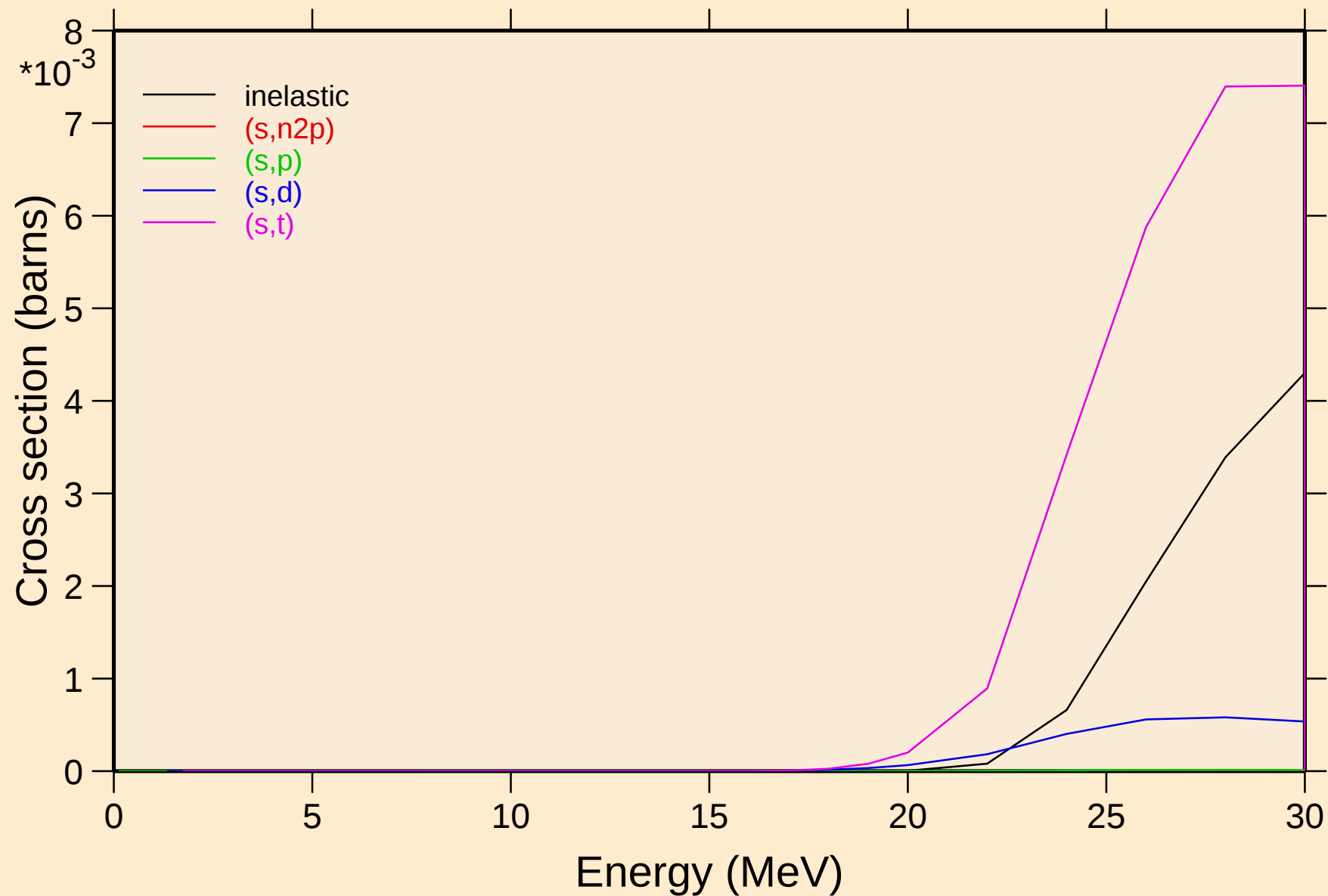
# NP230 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



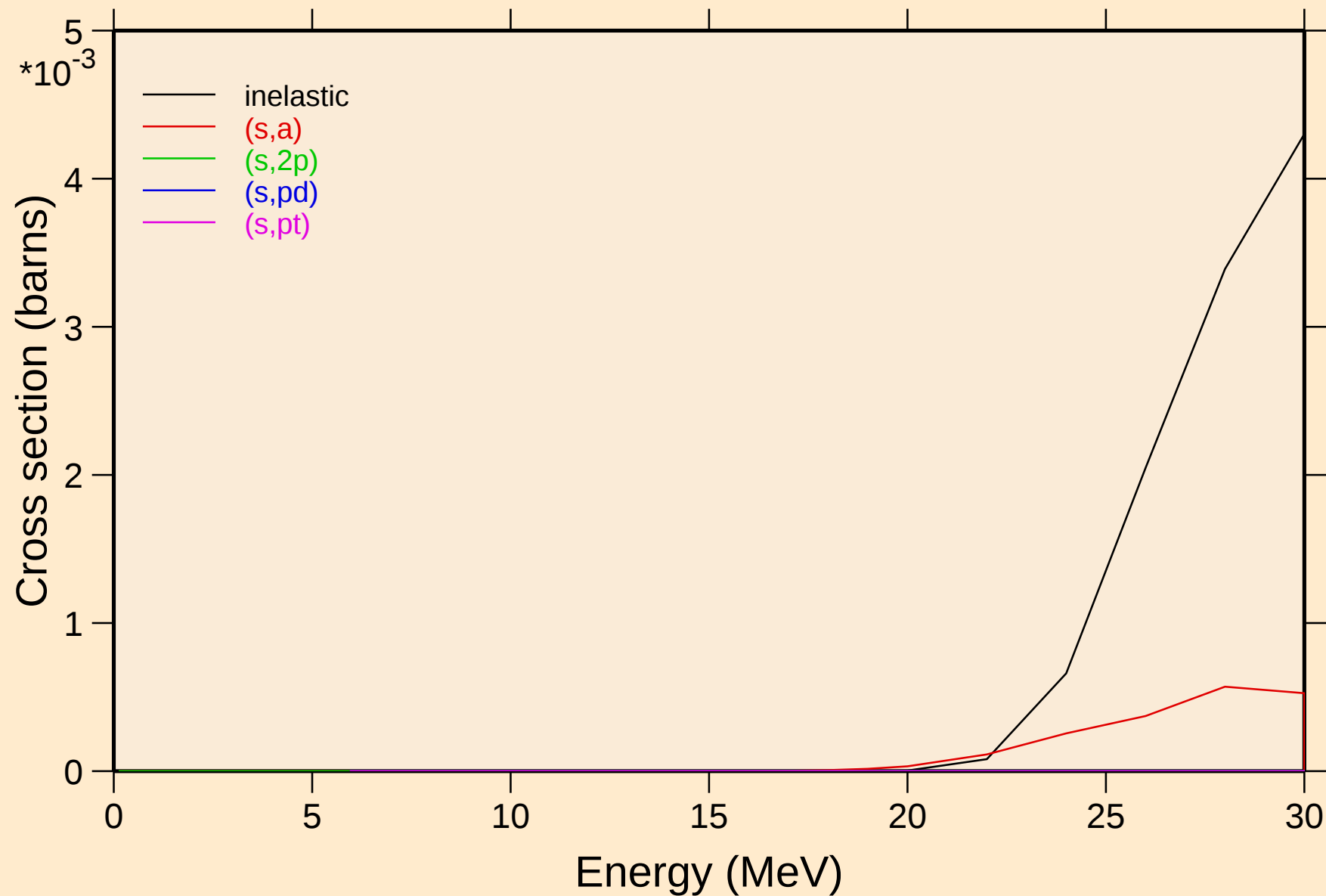
# NP230 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

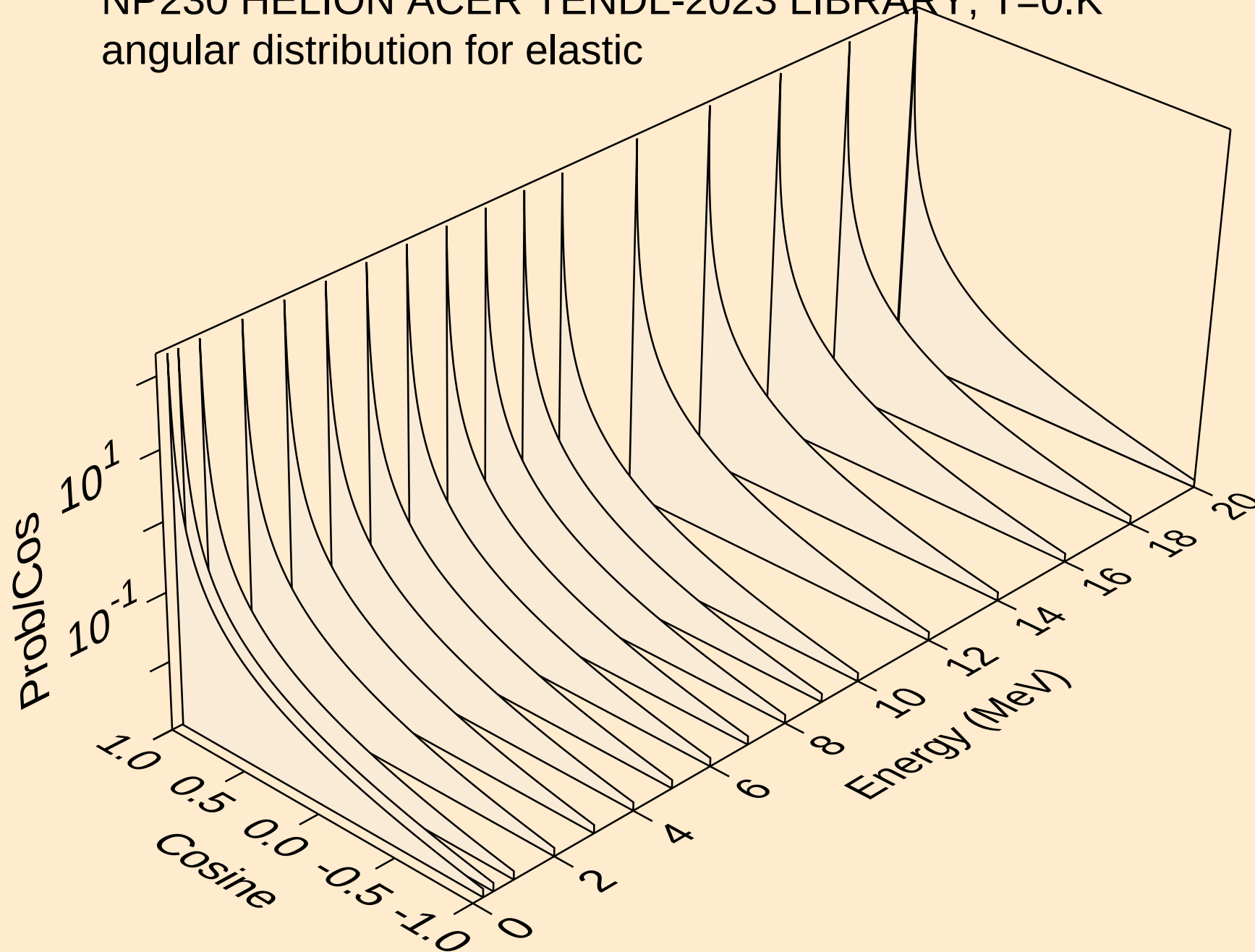


# NP230 HELION ACER TENDL-2023 LIBRARY; T=0.K

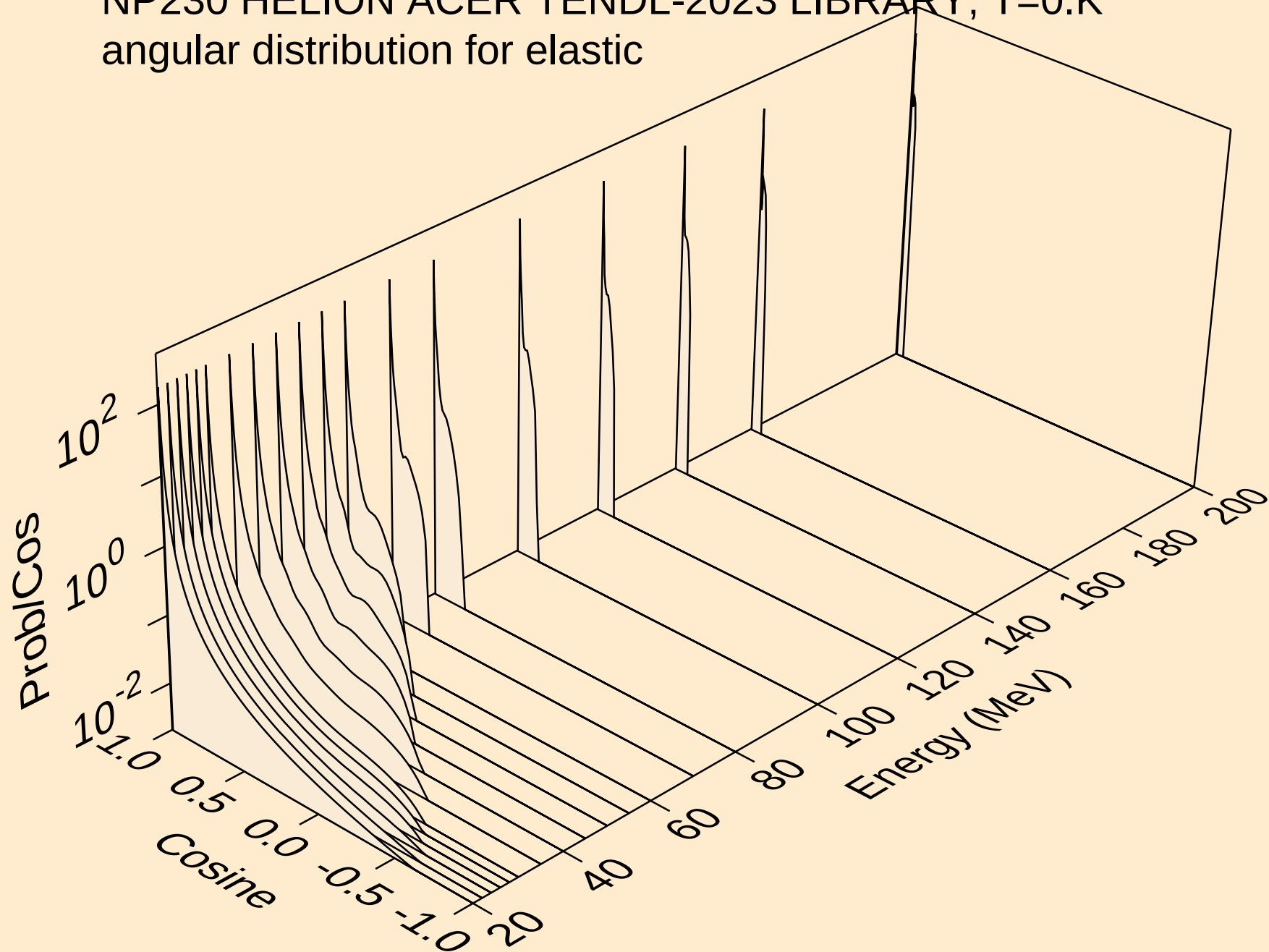
## Threshold reactions



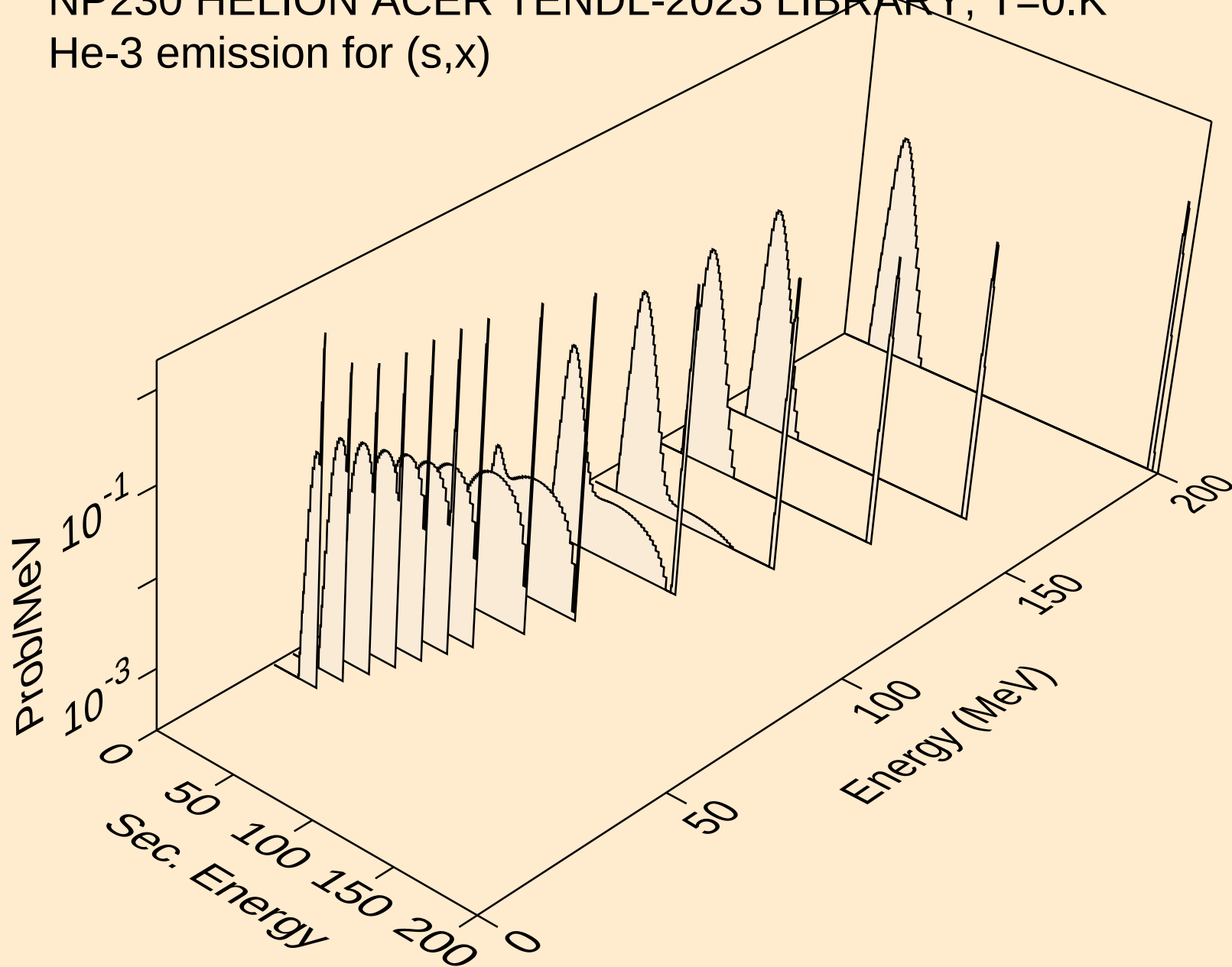
NP230 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



NP230 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

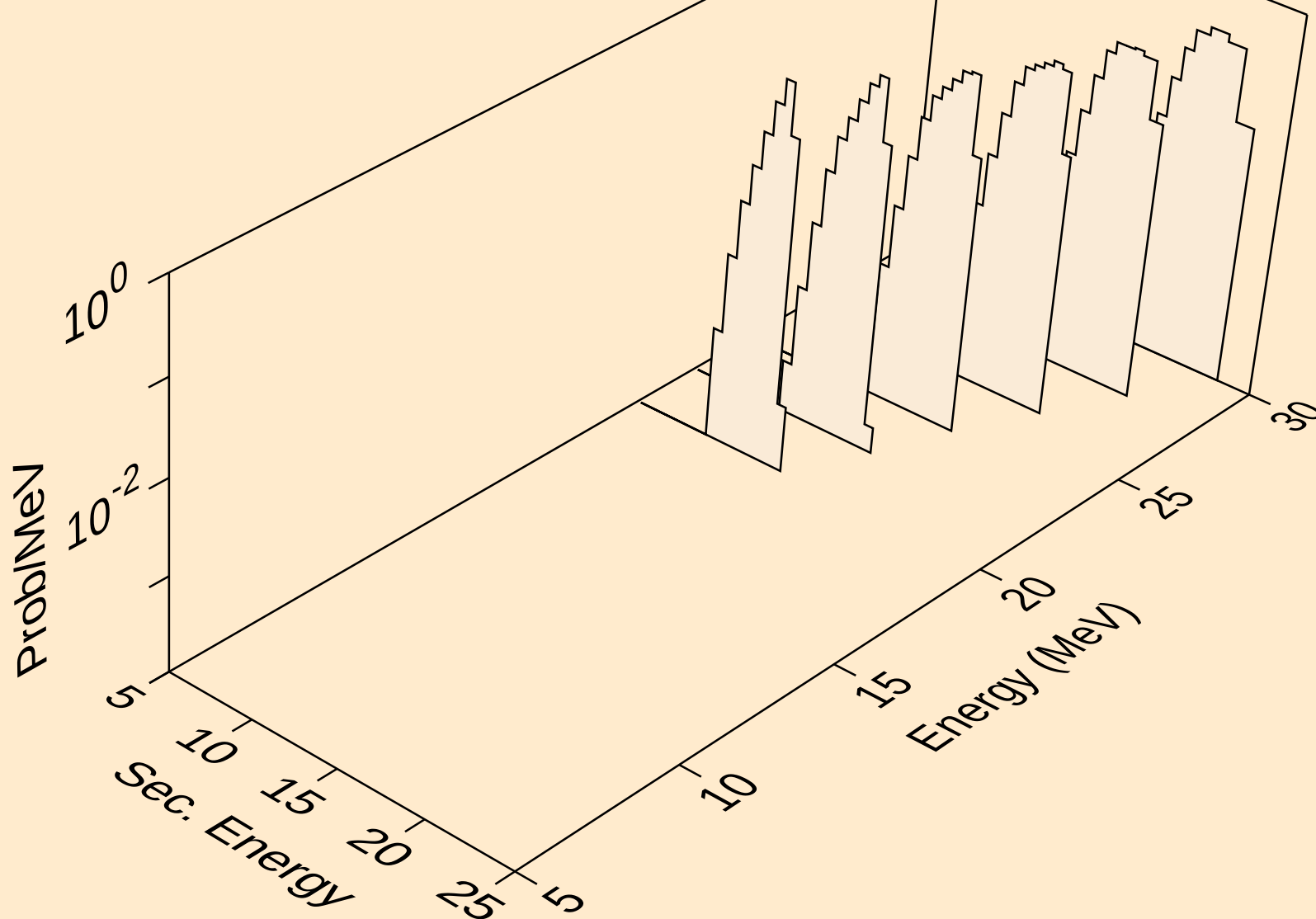


NP230 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,x)

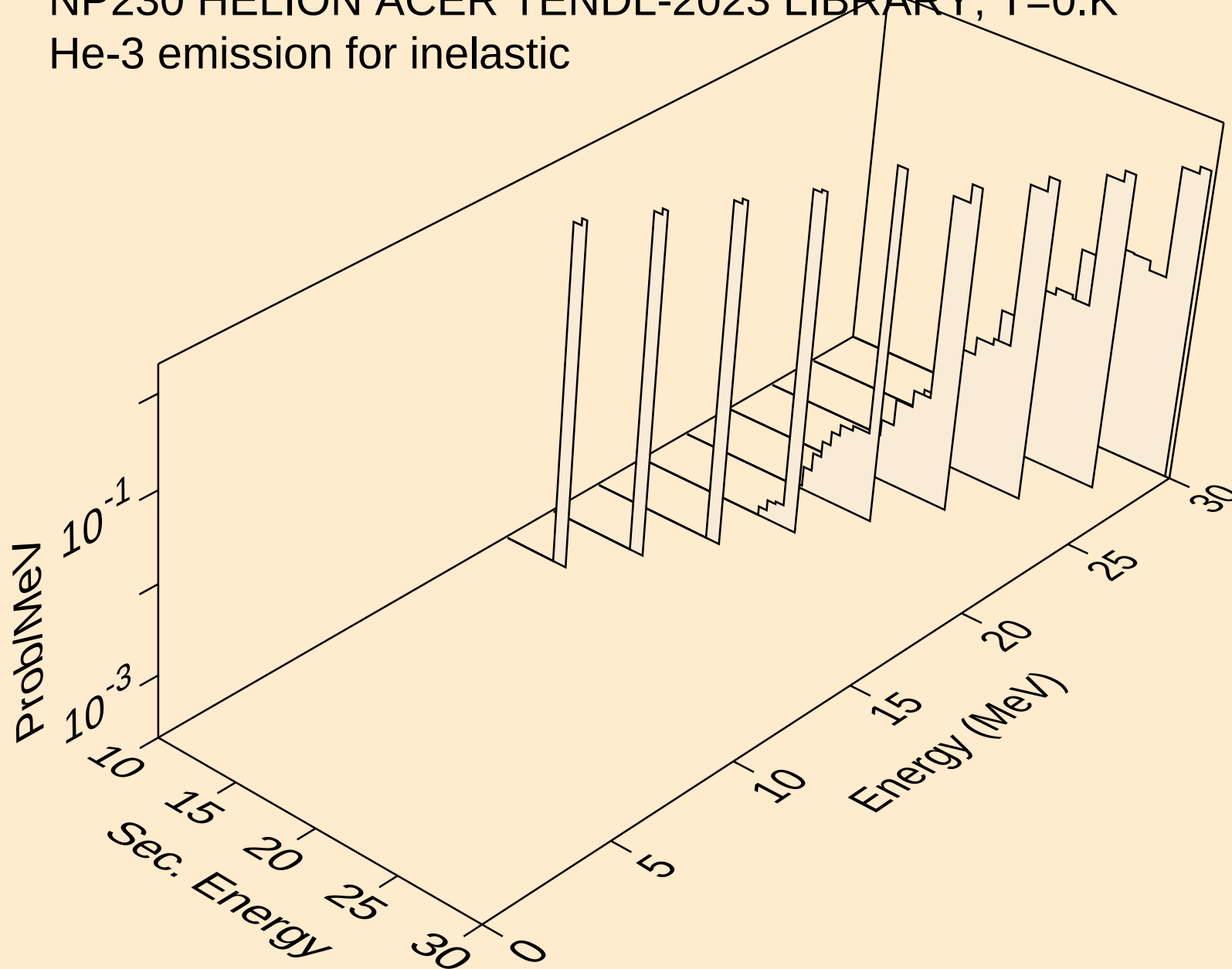


NP230 HELION ACER TENDL-2023 LIBRARY; T=0.K

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

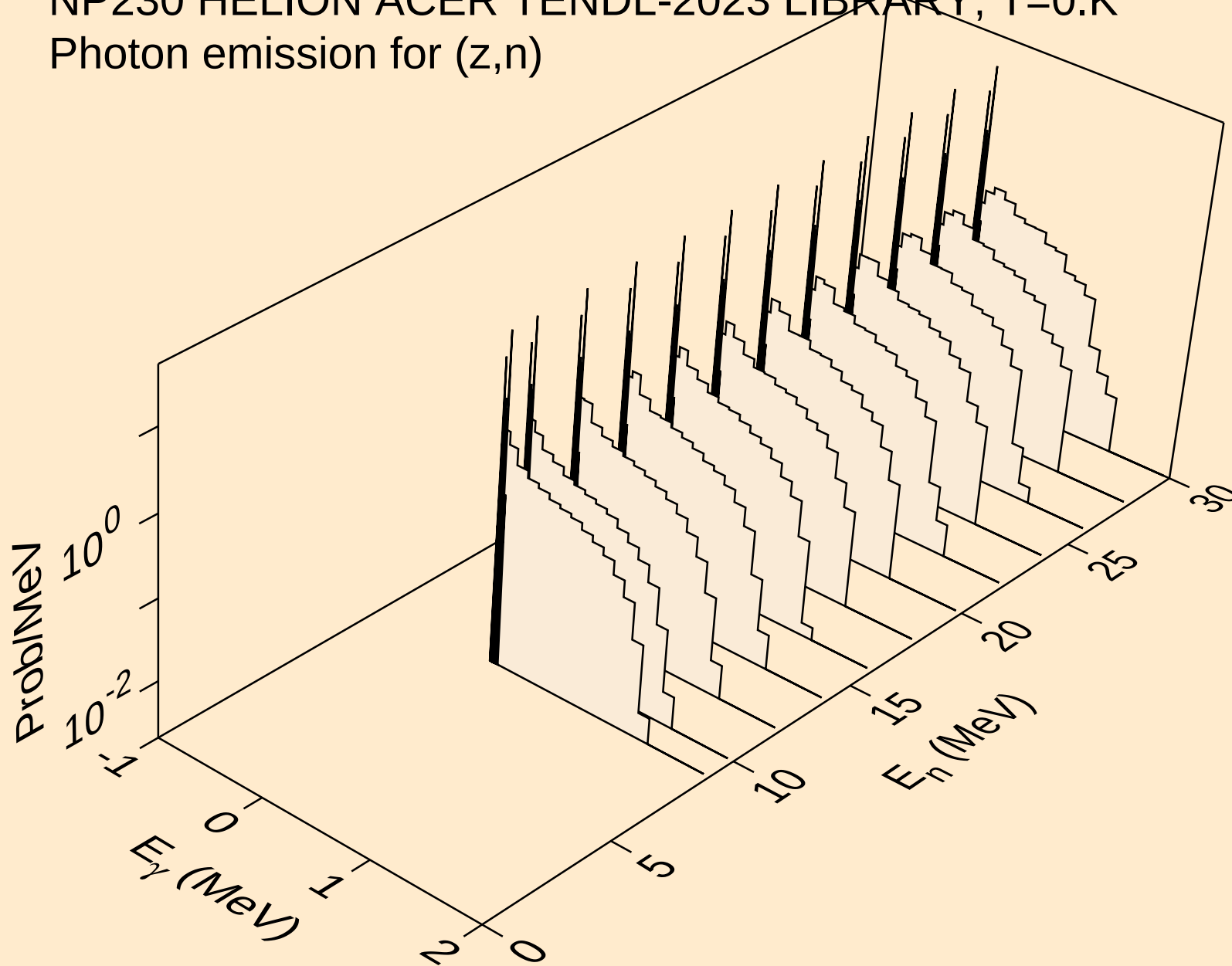


NP230 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for inelastic



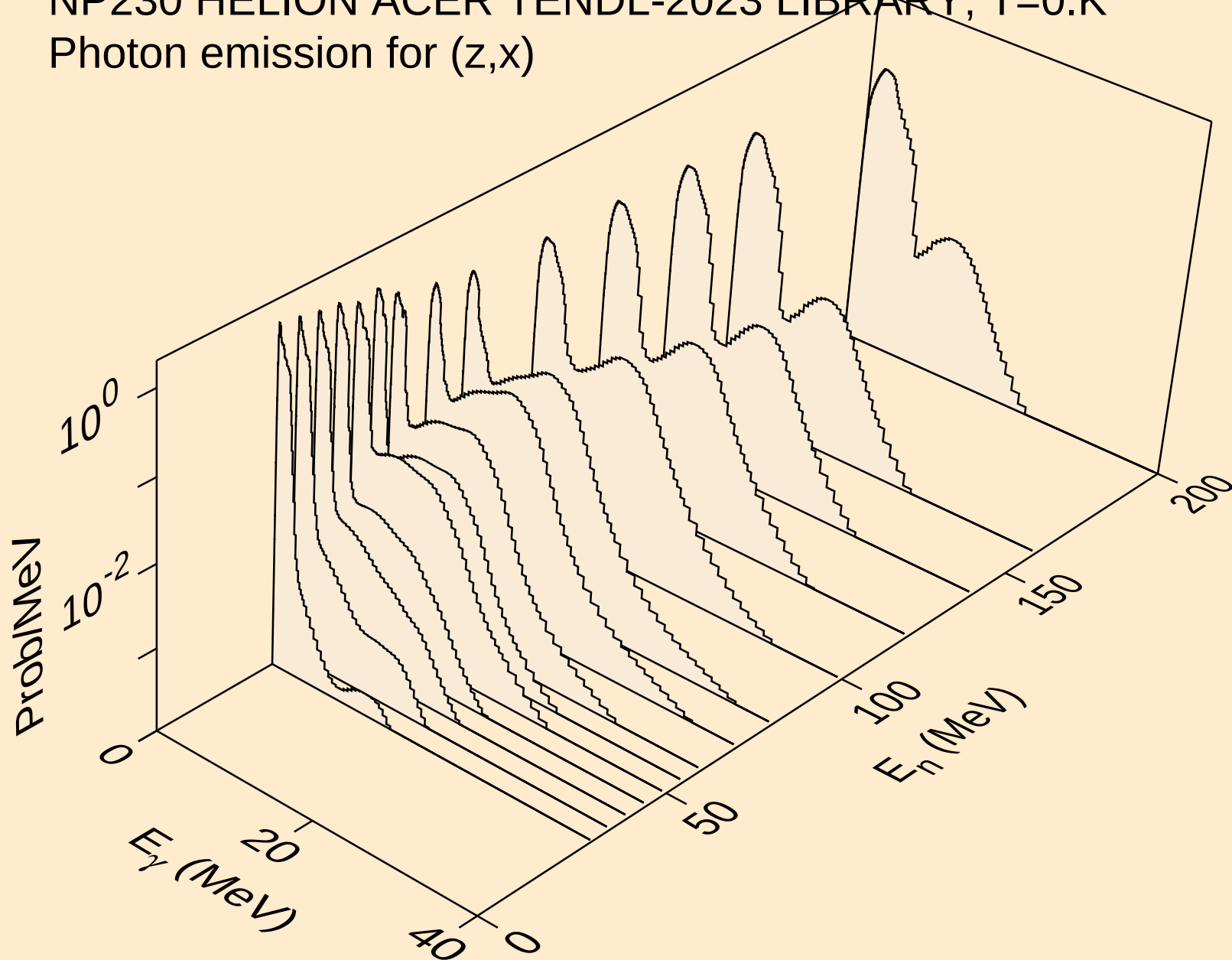
NP230 HELION ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (z,n)

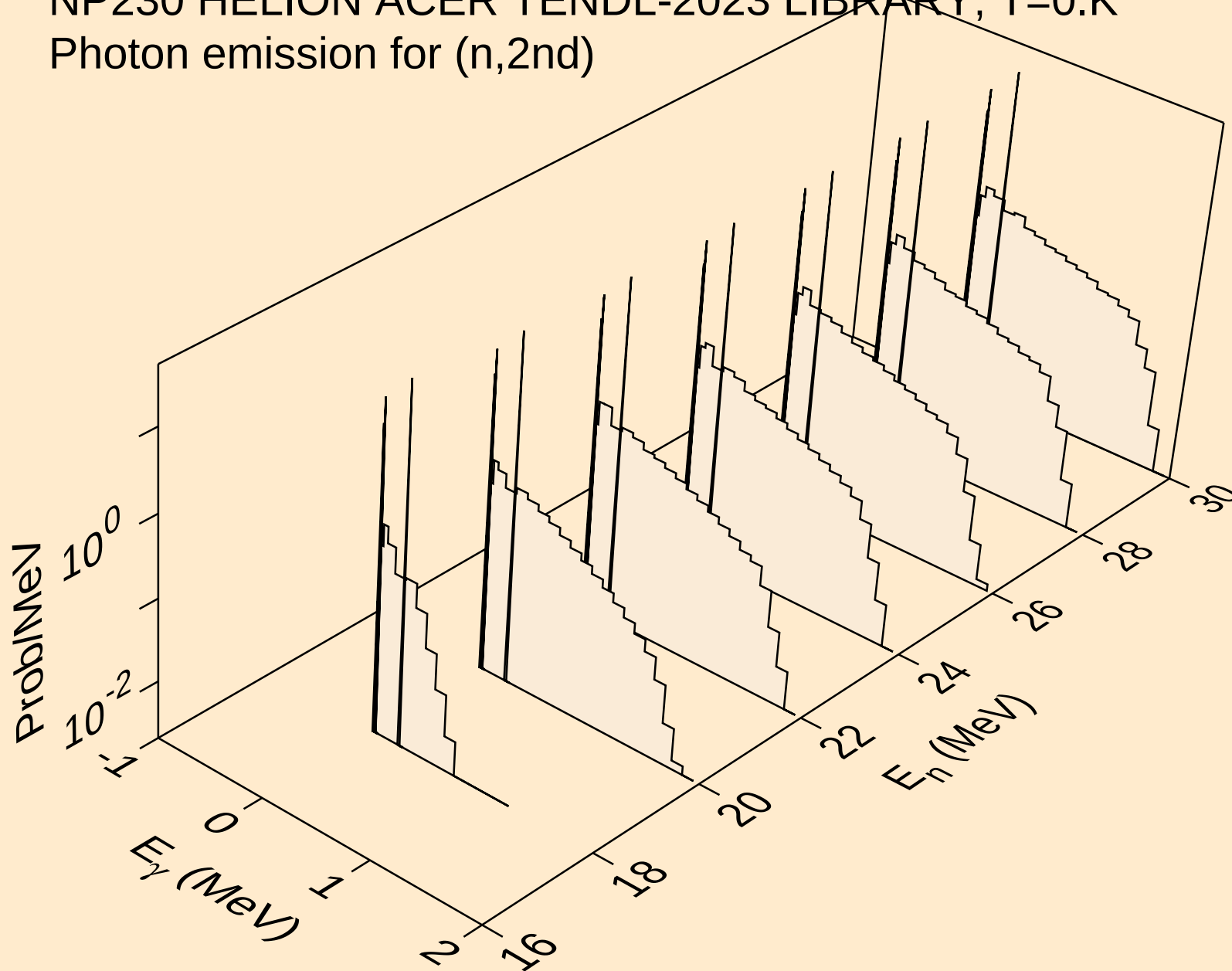


NP230 HELION ACER TENDL-2023 LIBRARY; T=0.K

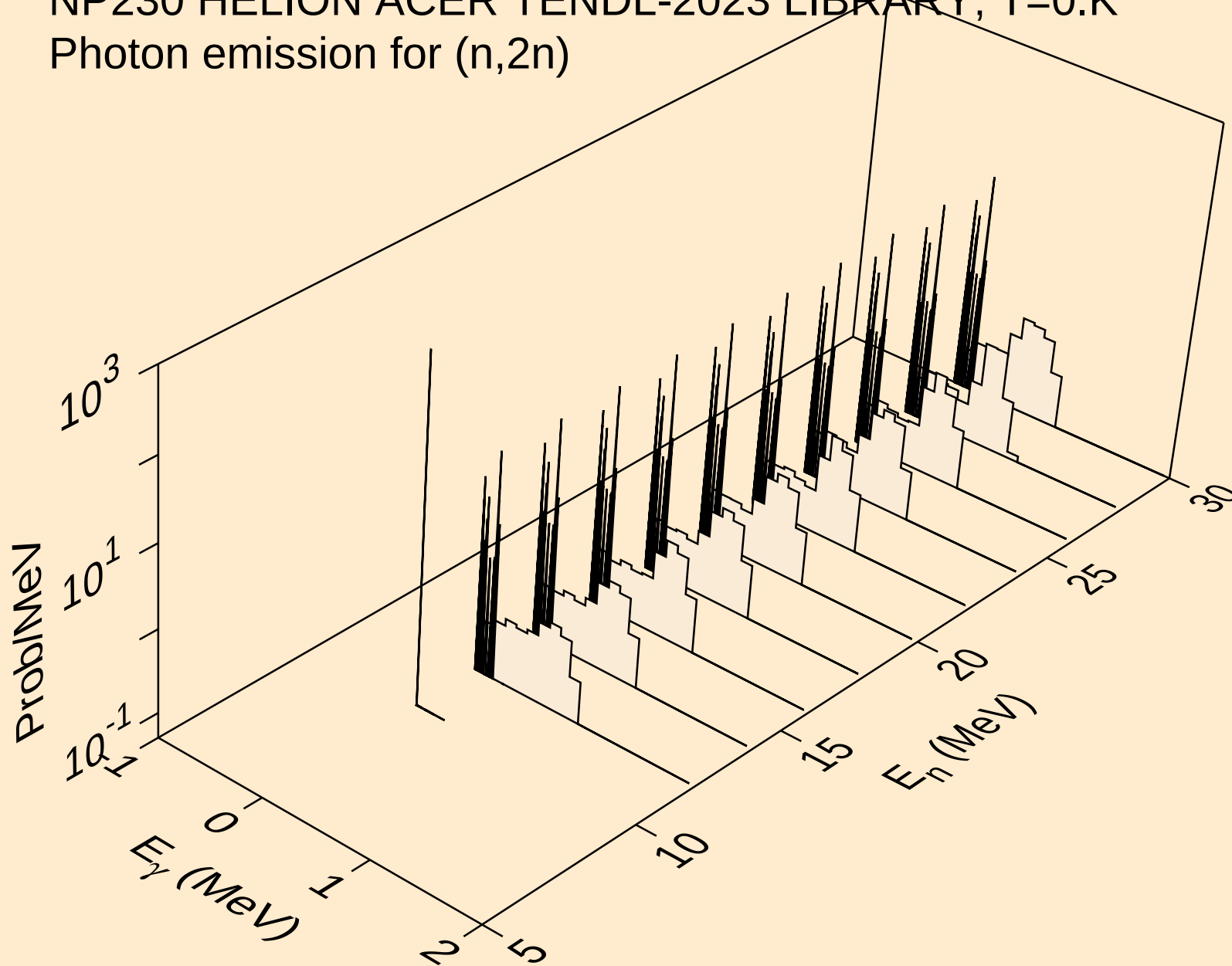
Photon emission for (z,x)



NP230 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)

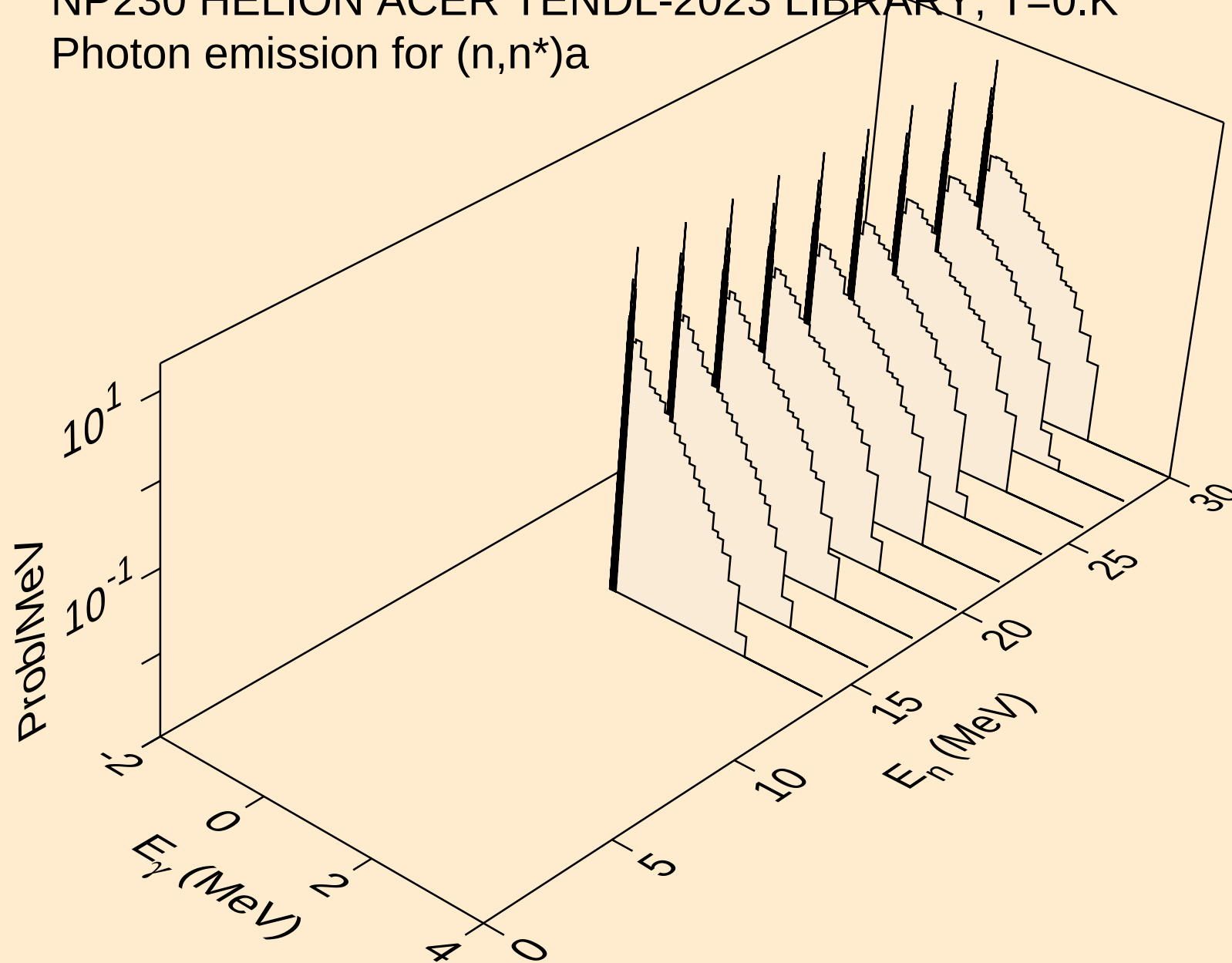


NP230 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



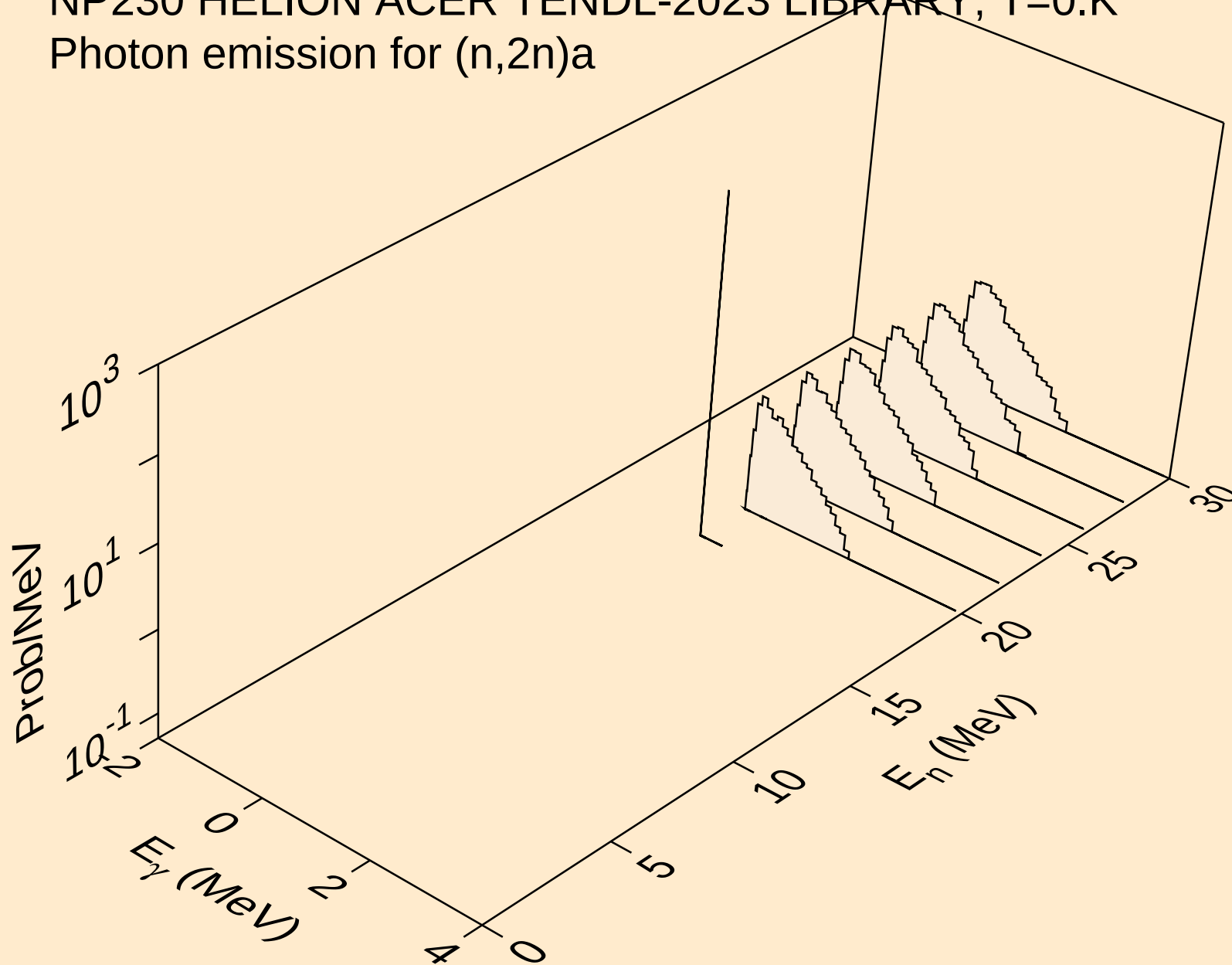
NP230 HELION ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n\*)a



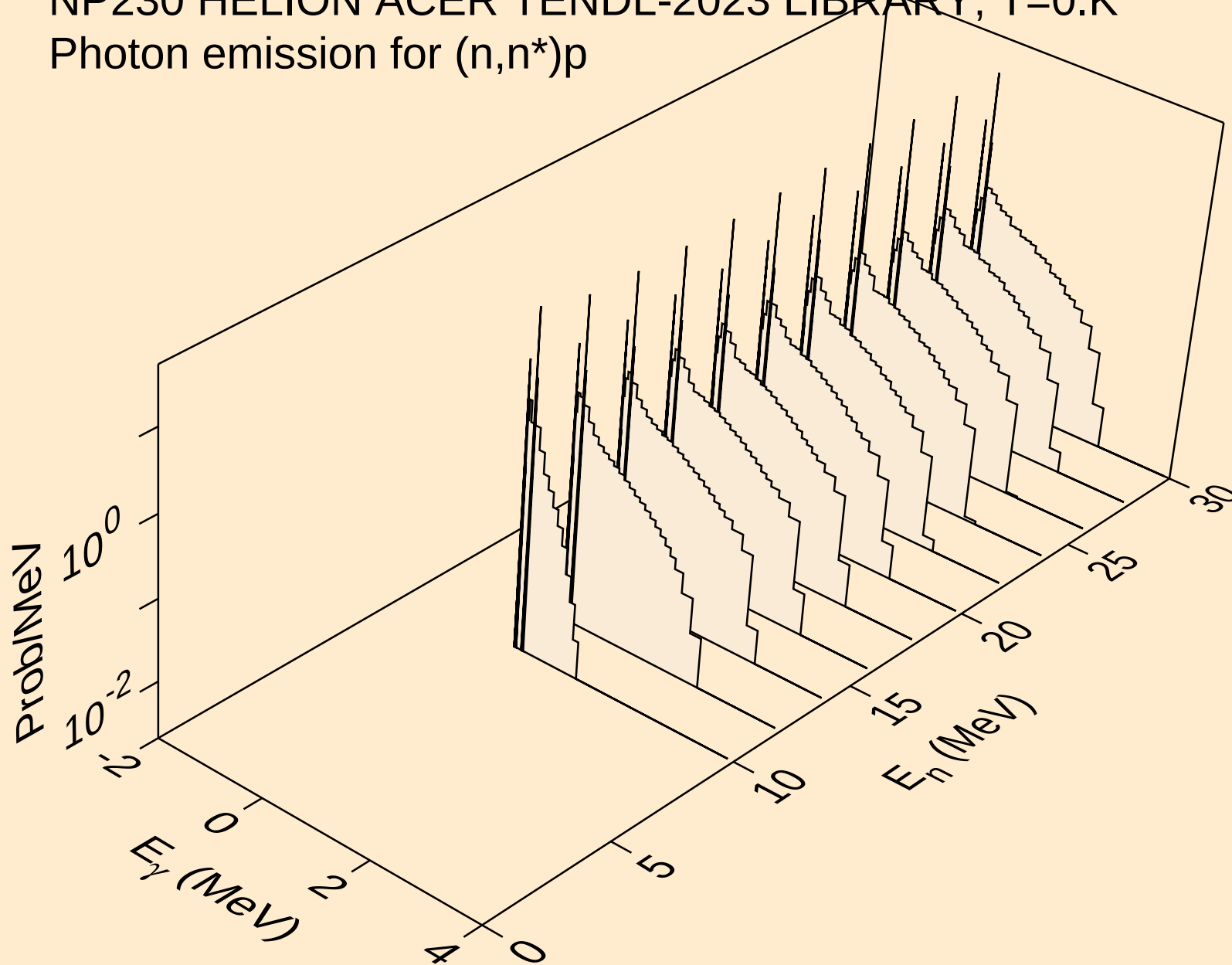
NP230 HELION ACER TENDL-2023 LIBRARY; T=0.K

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



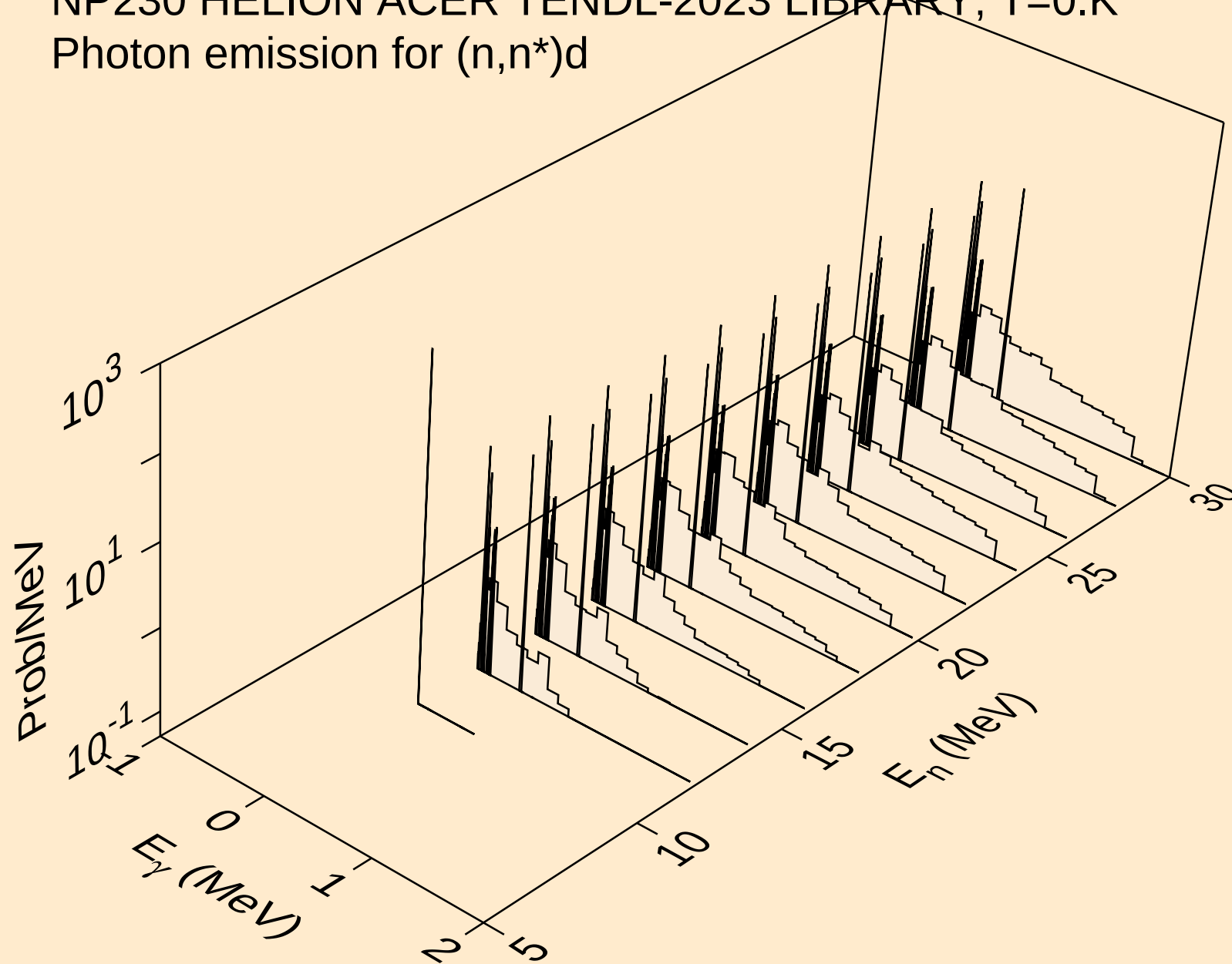
NP230 HELION ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n\*)p



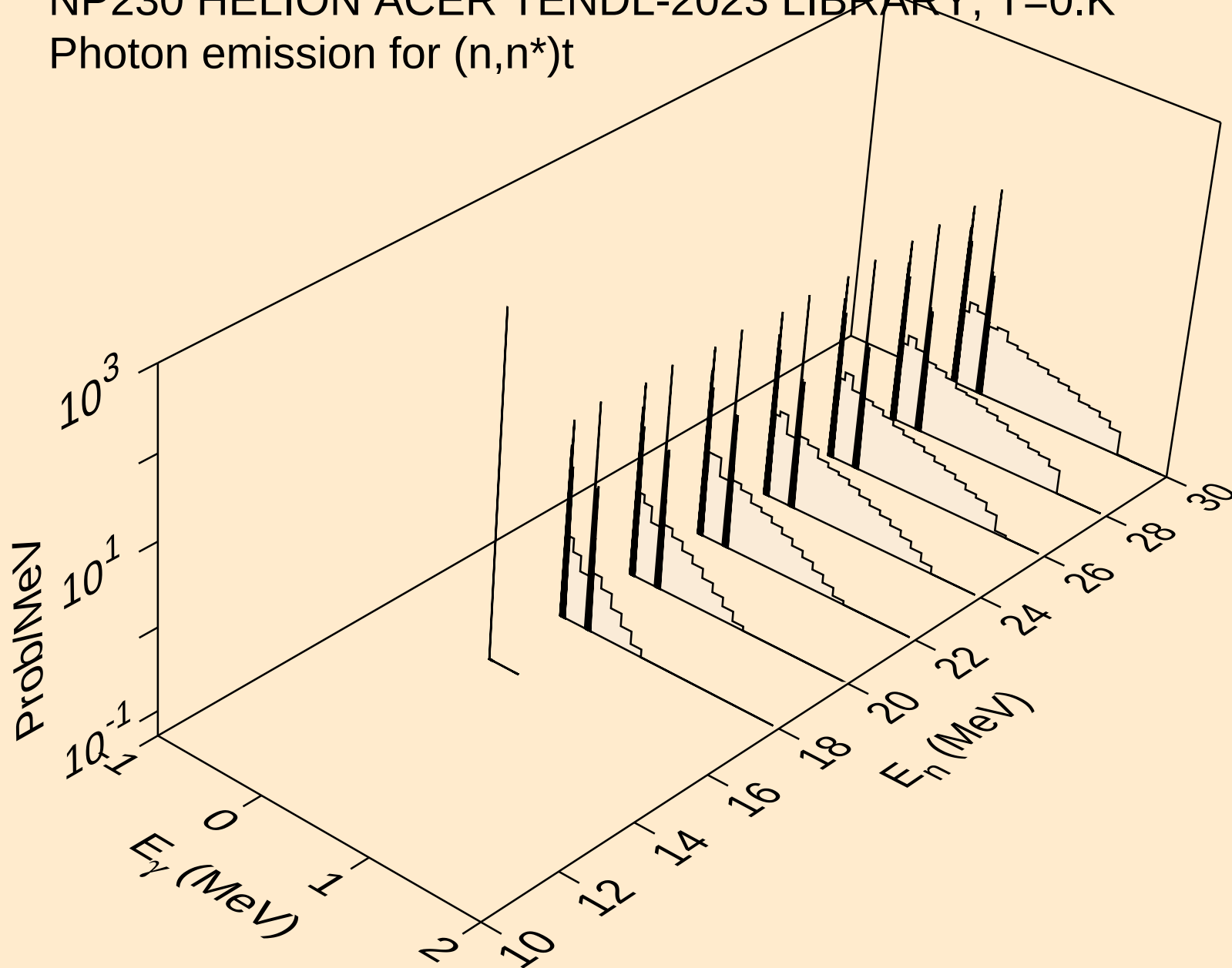
NP230 HELION ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n\*)d



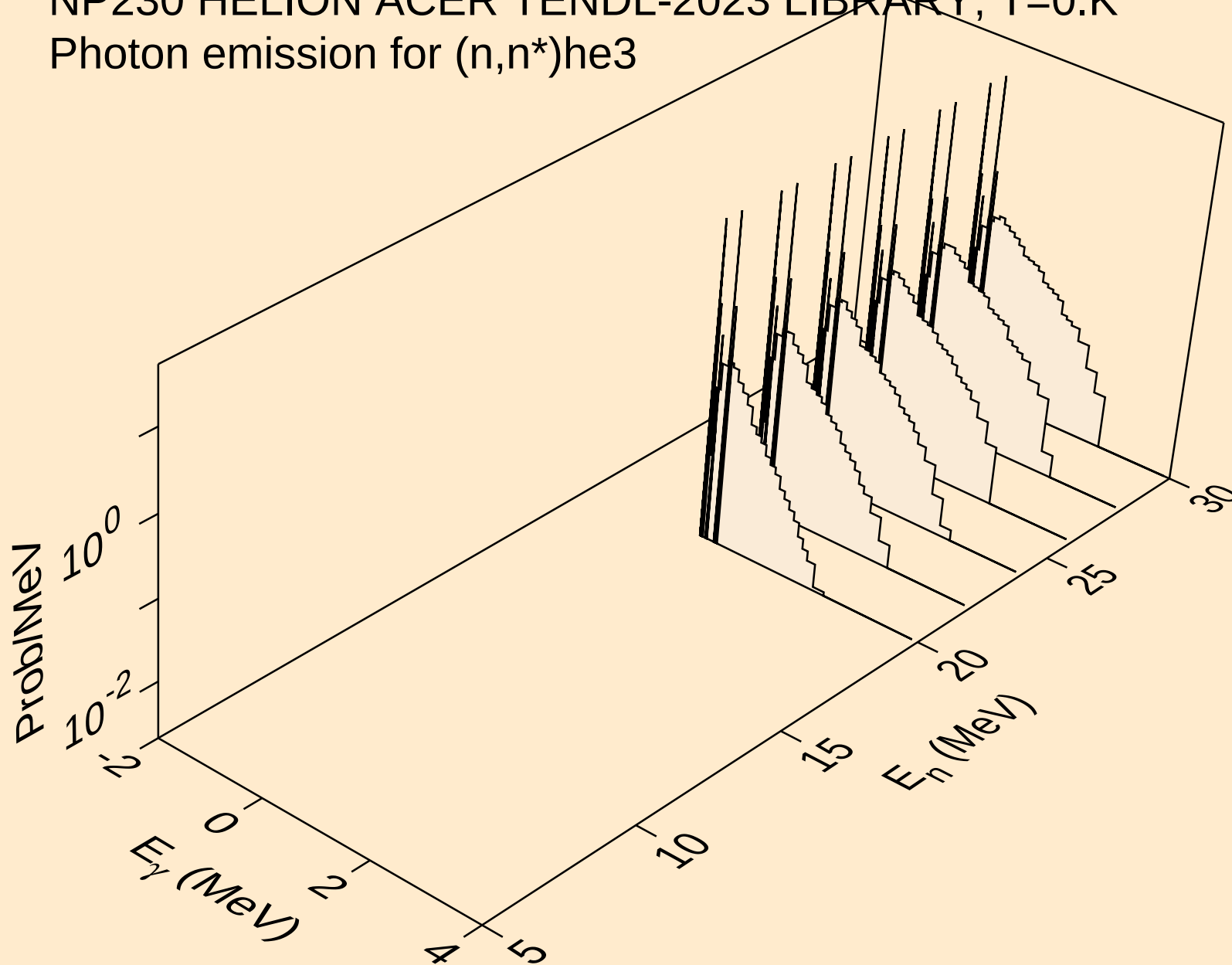
NP230 HELION ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n\*)t

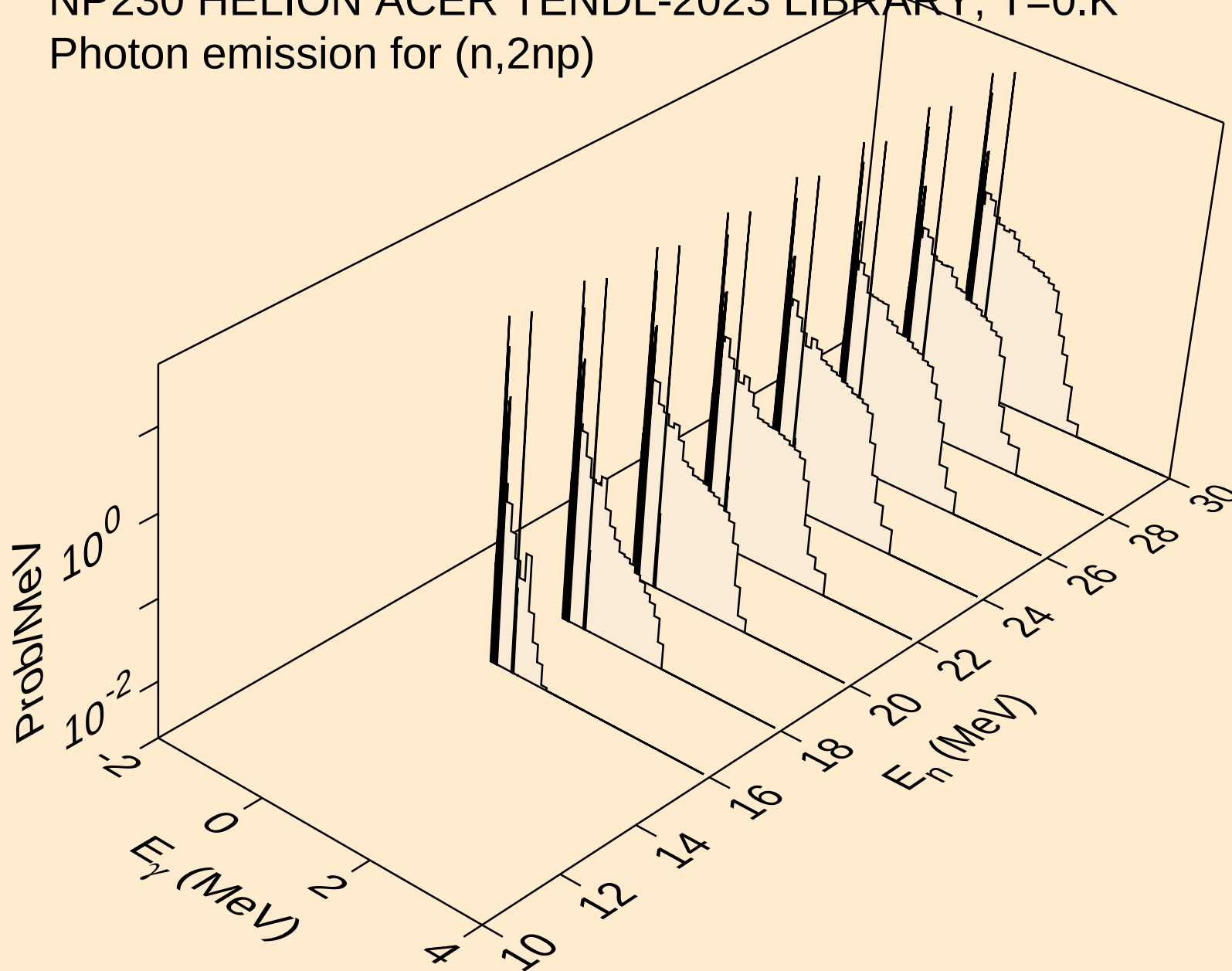


NP230 HELION ACER TENDL-2023 LIBRARY; T=0.K

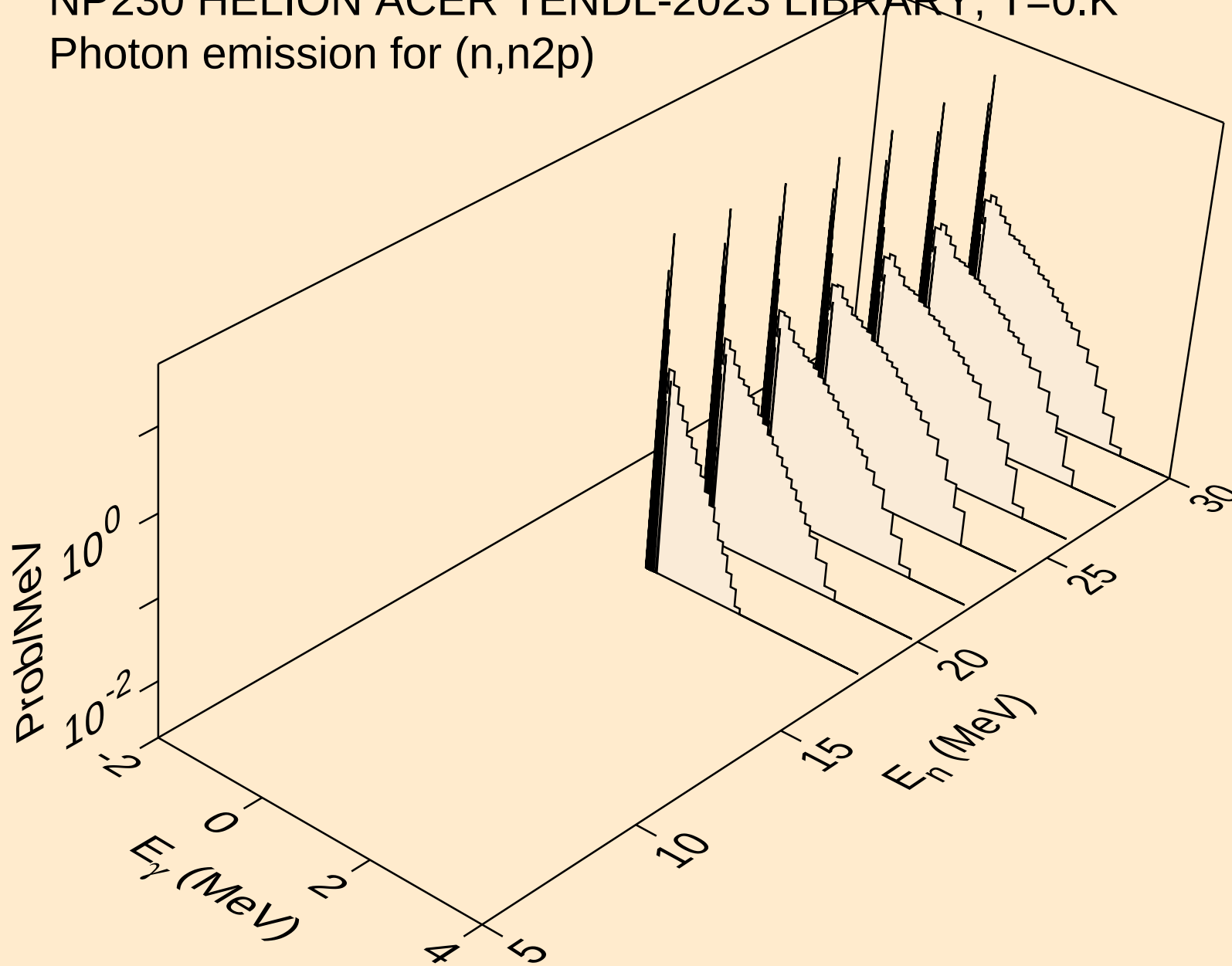
Photon emission for (n,n\*)he3



NP230 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

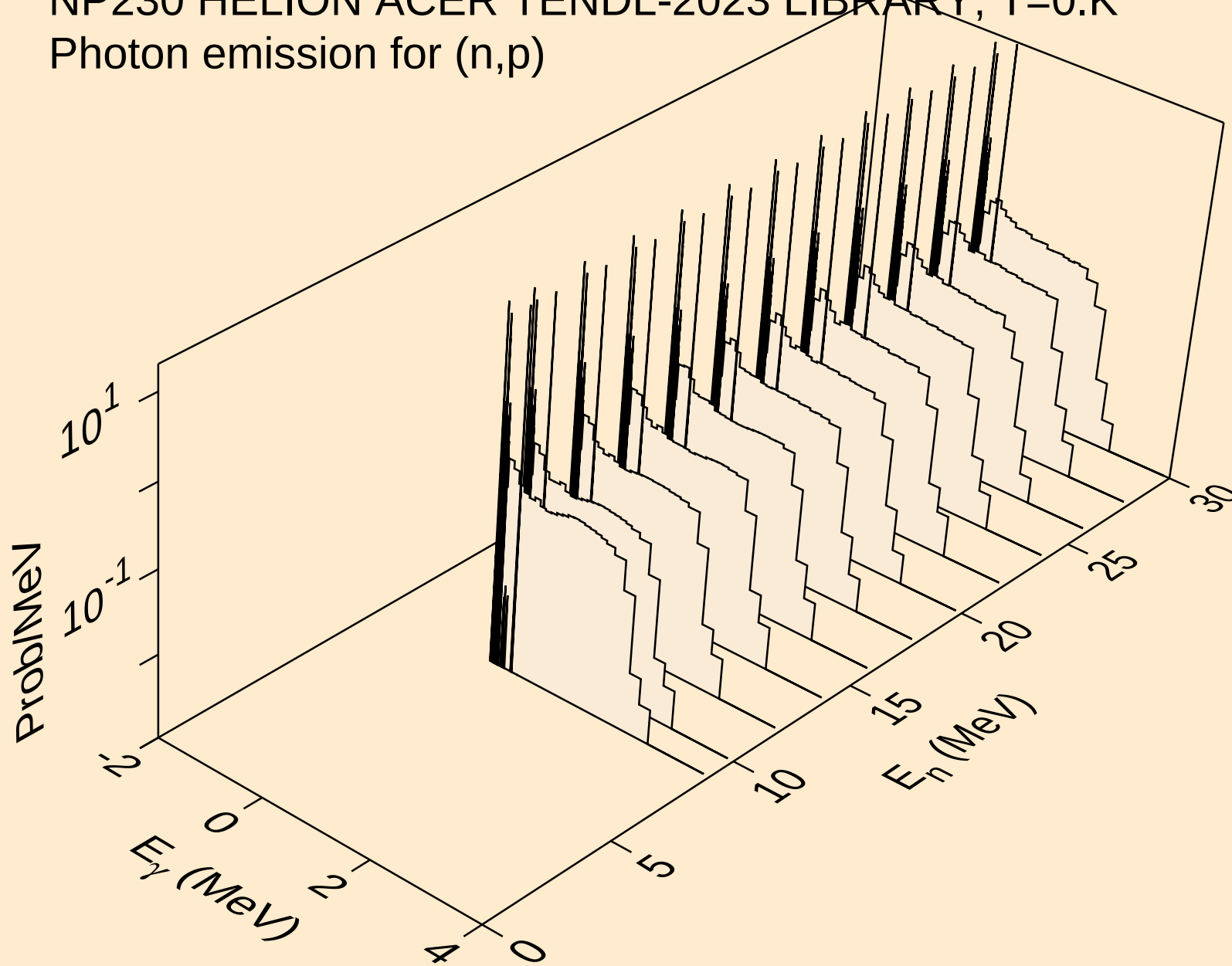


NP230 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)

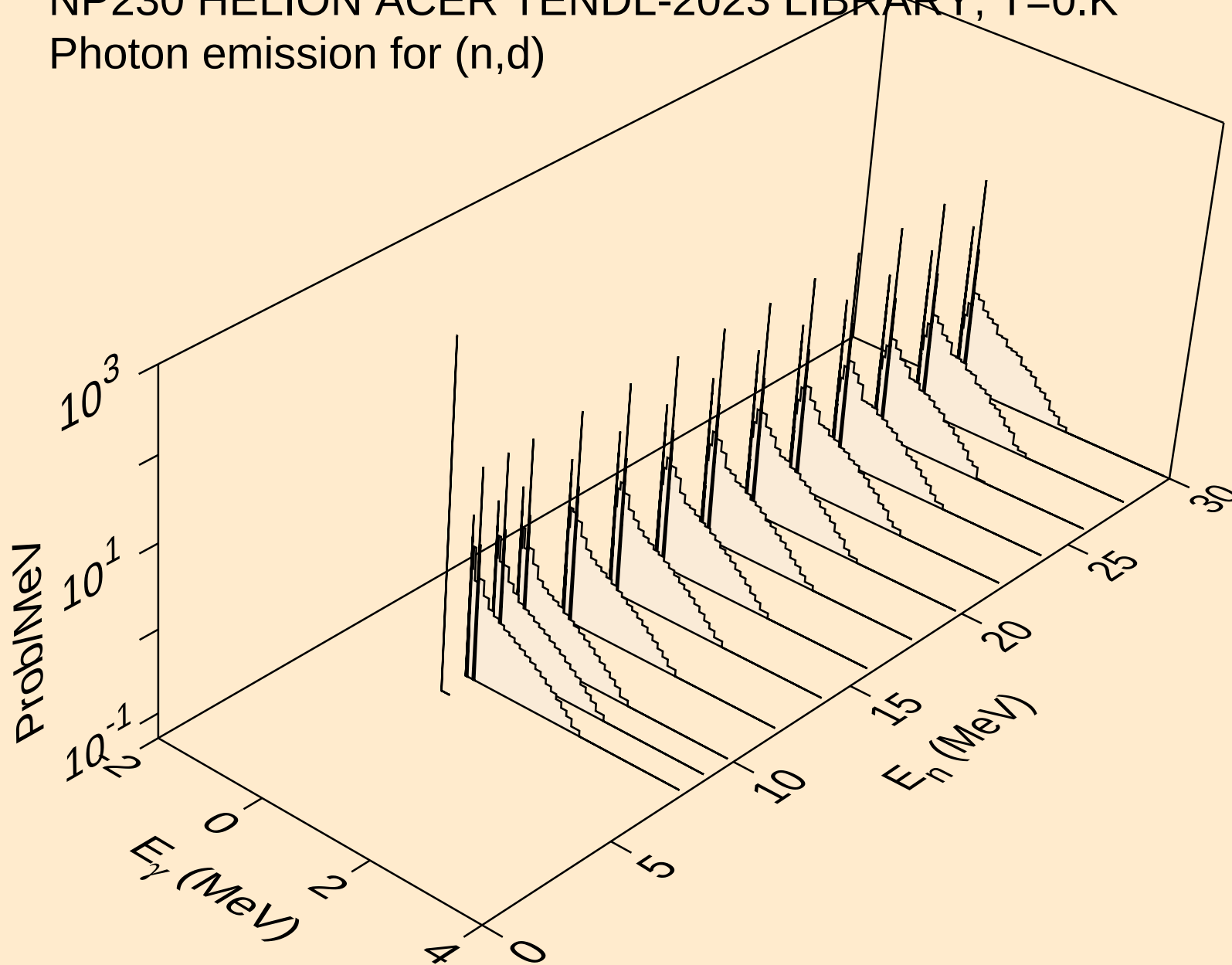


NP230 HELION ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,p)

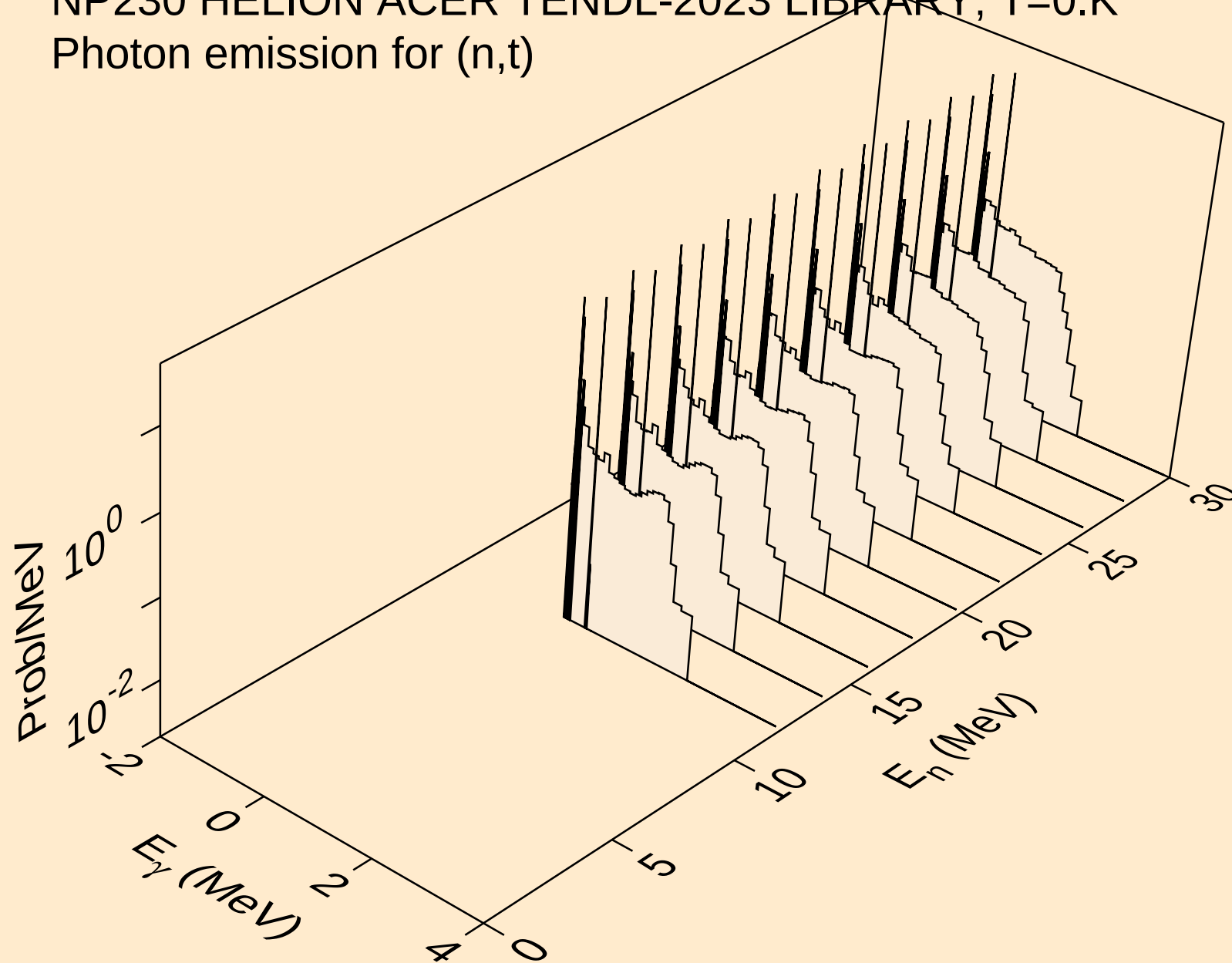


NP230 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)

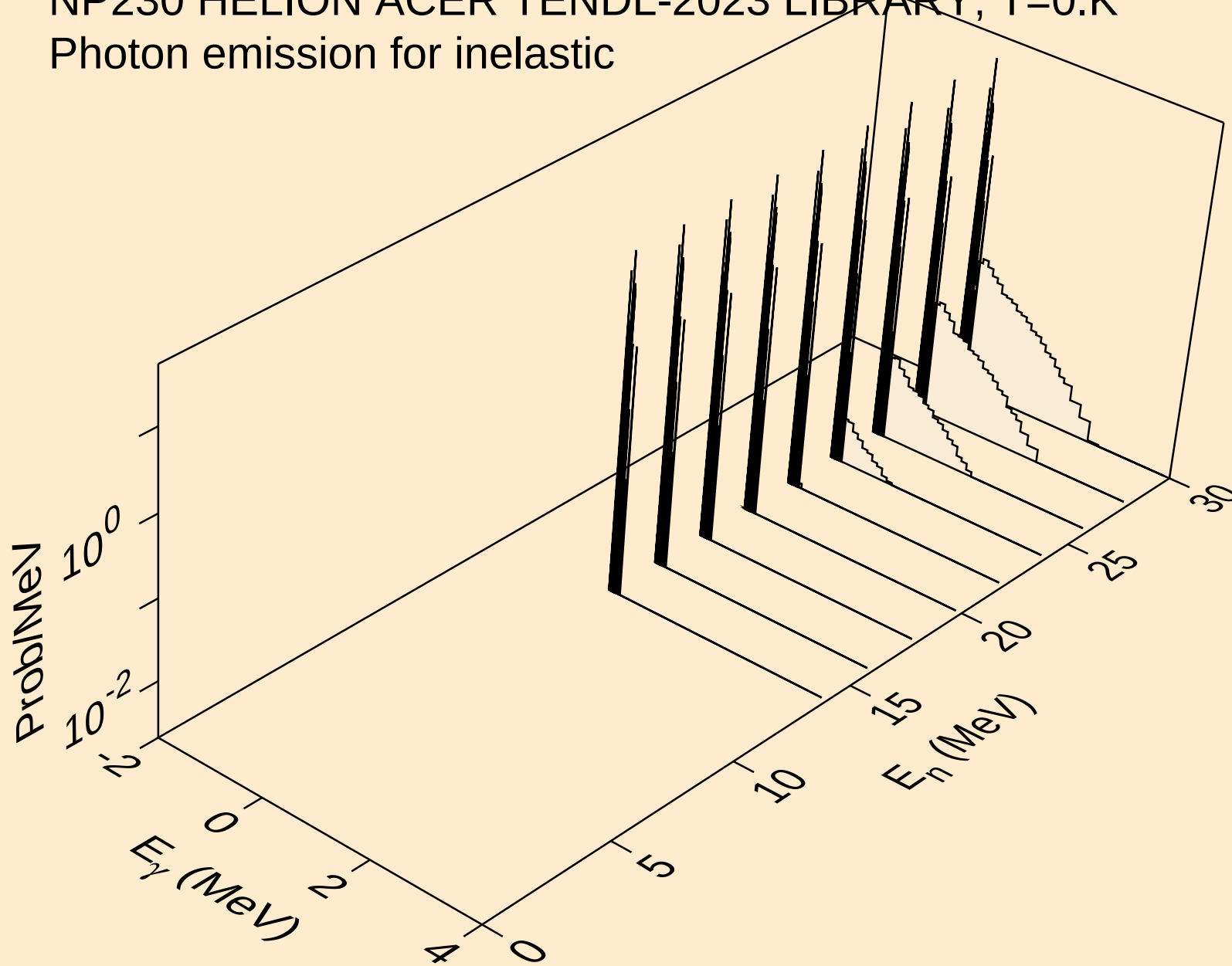


NP230 HELION ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,t)

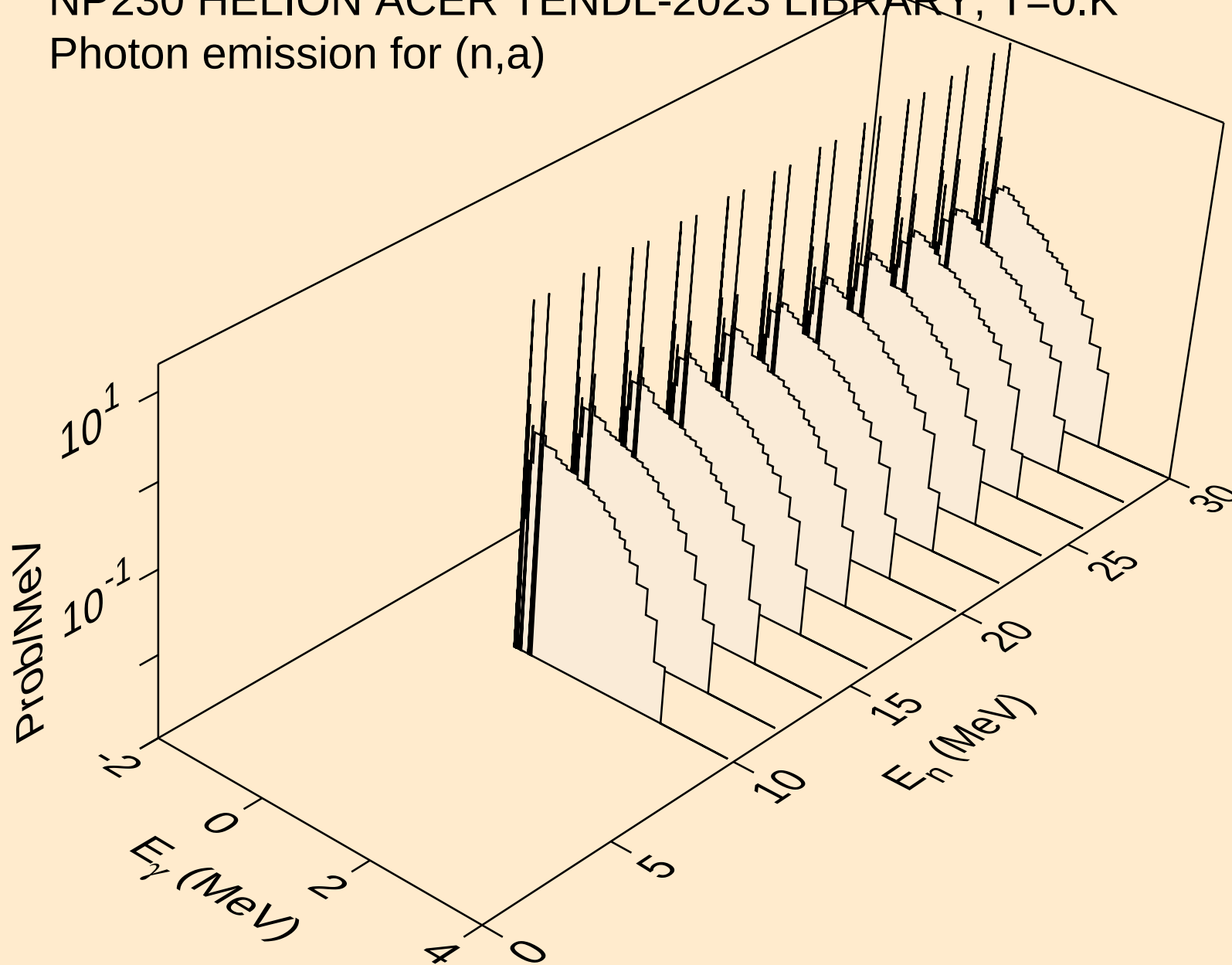


NP230 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



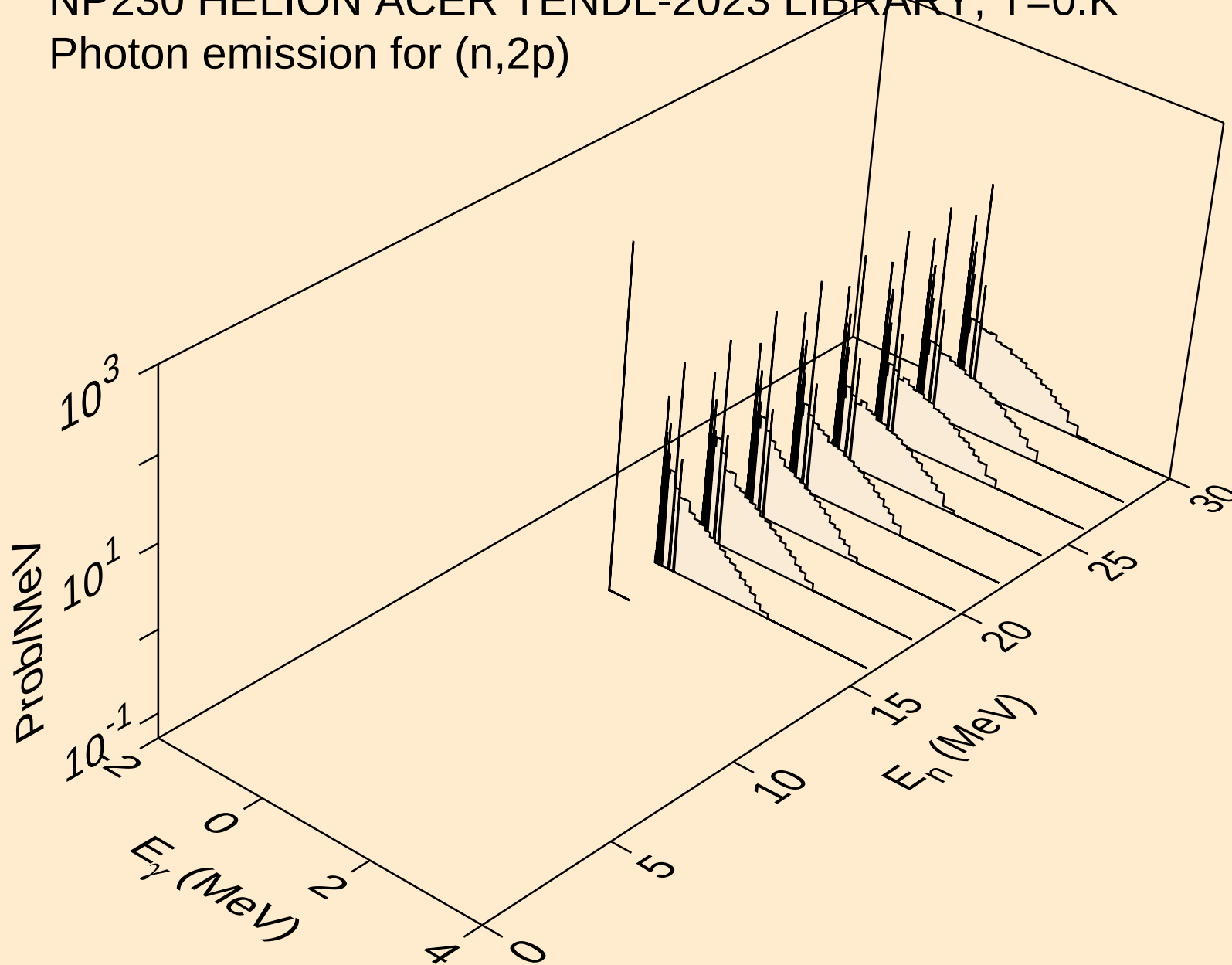
NP230 HELION ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,a)



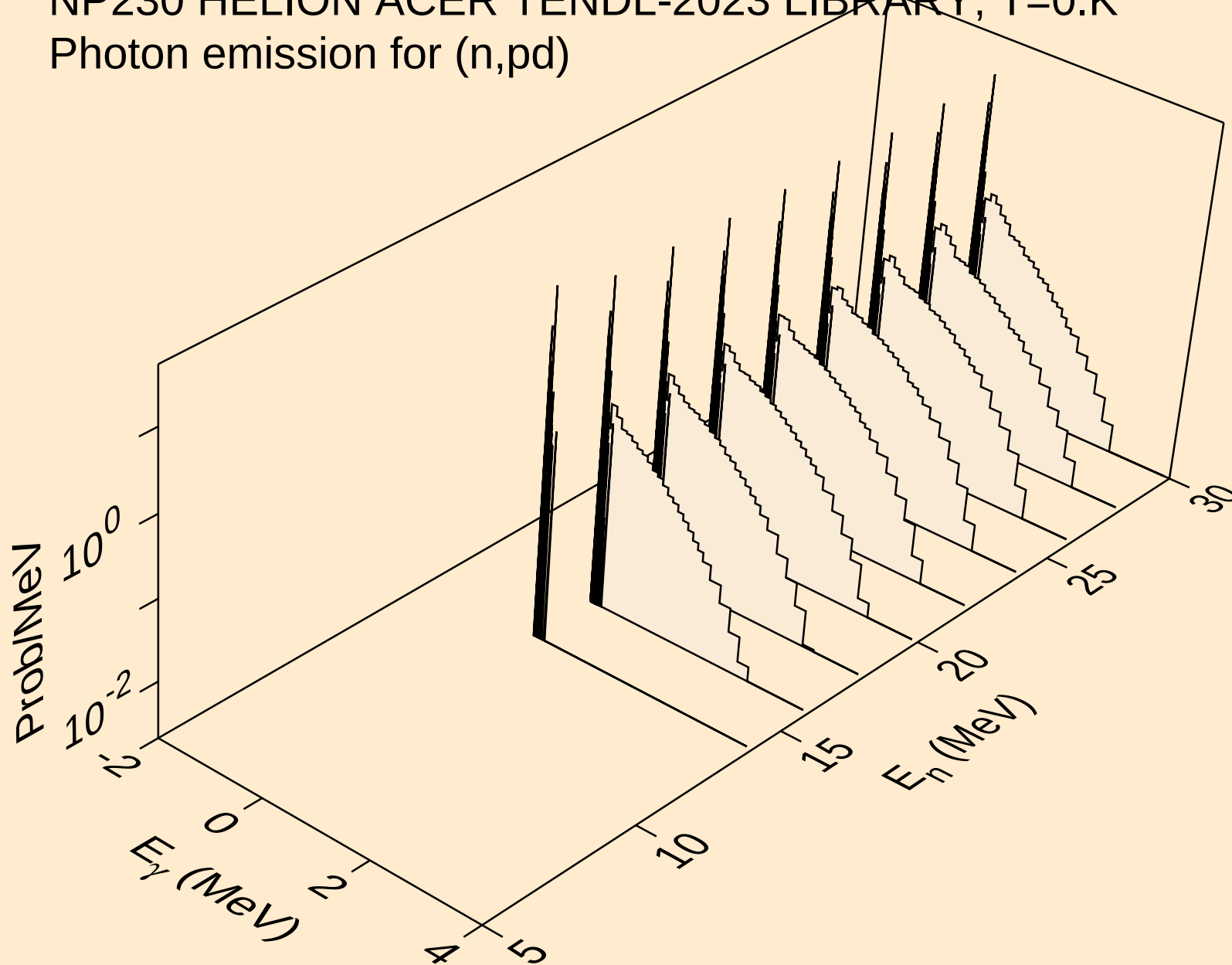
NP230 HELION ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,2p)



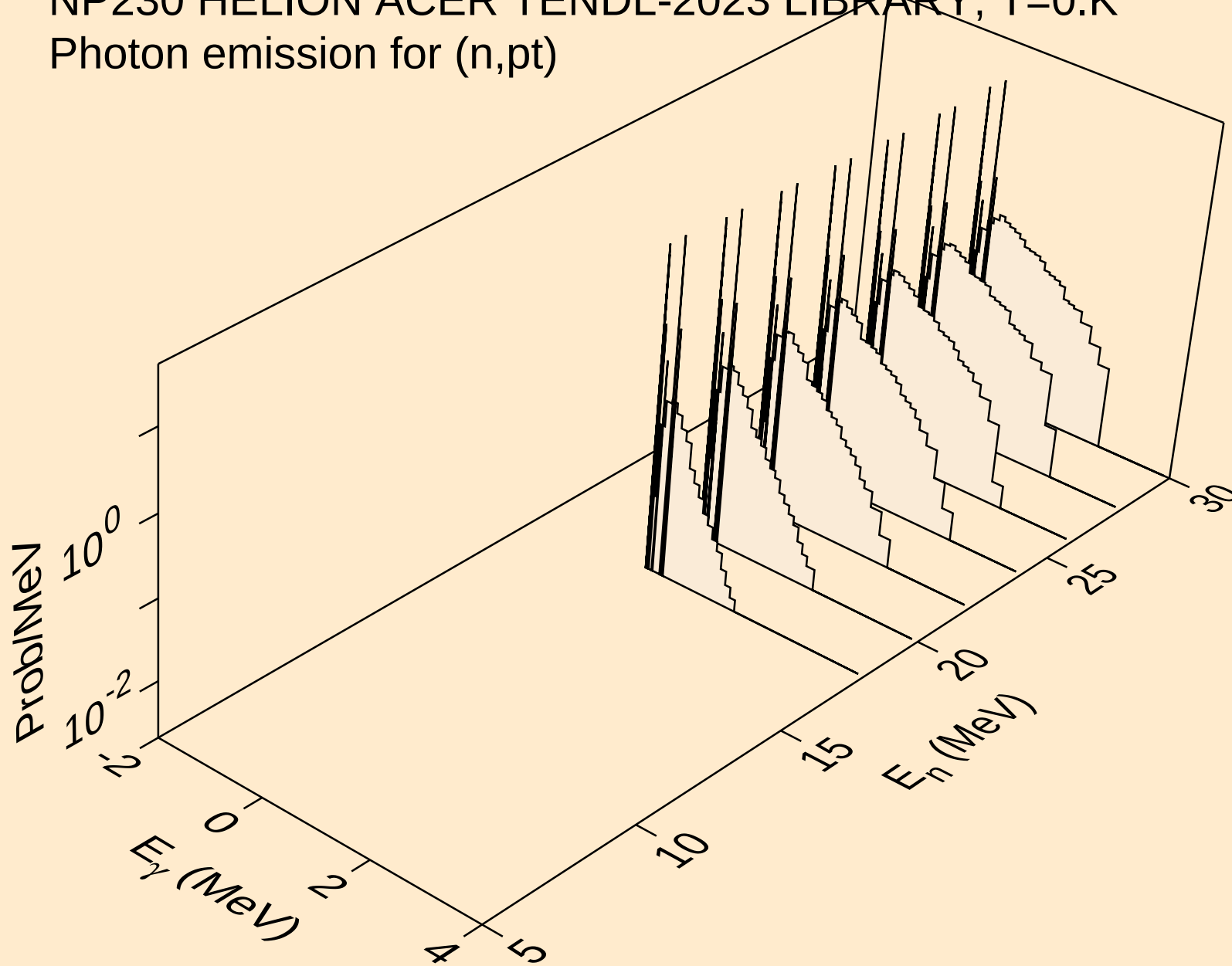
NP230 HELION ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,pd)



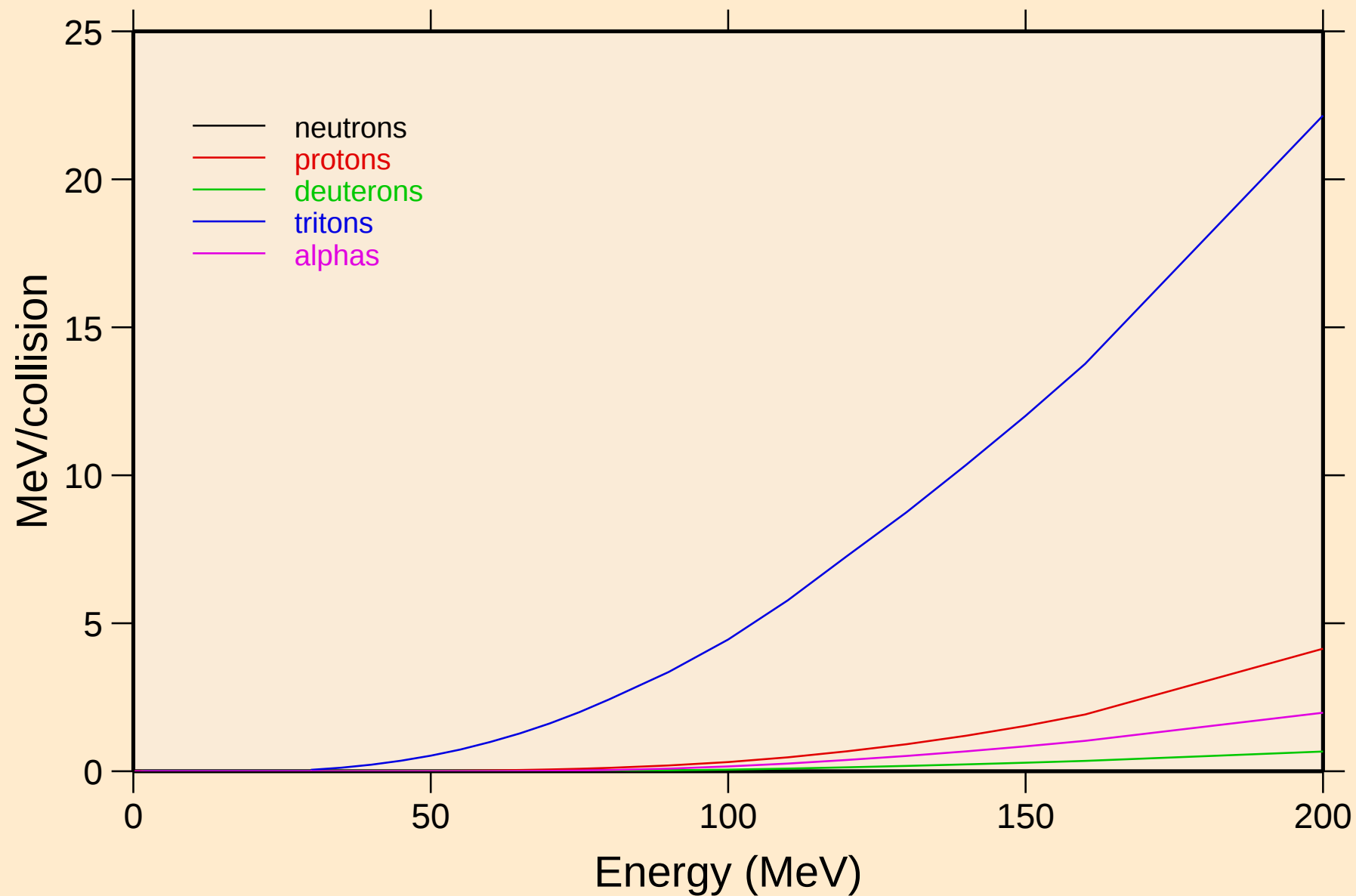
NP230 HELION ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,pt)



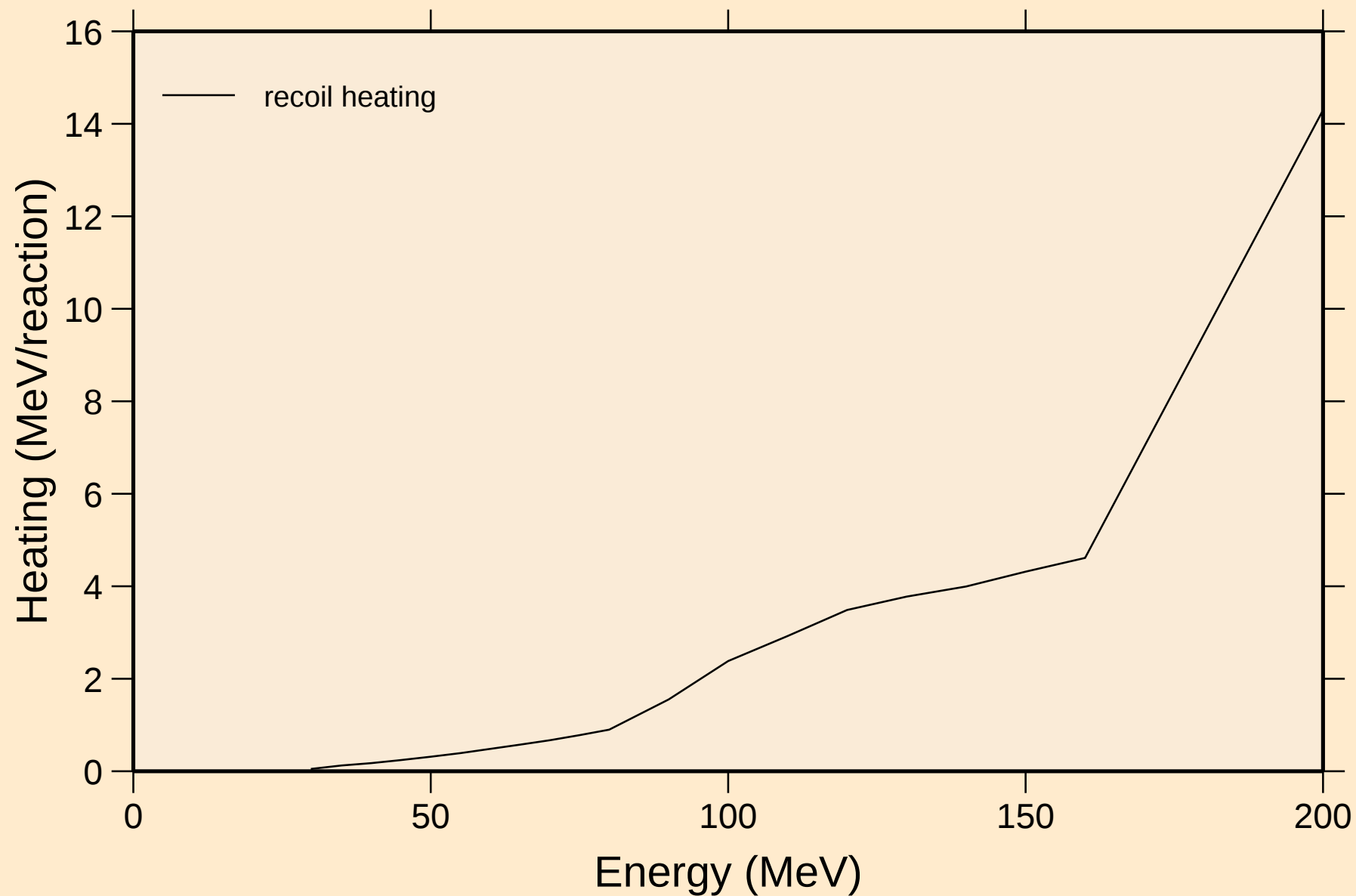
# NP230 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions



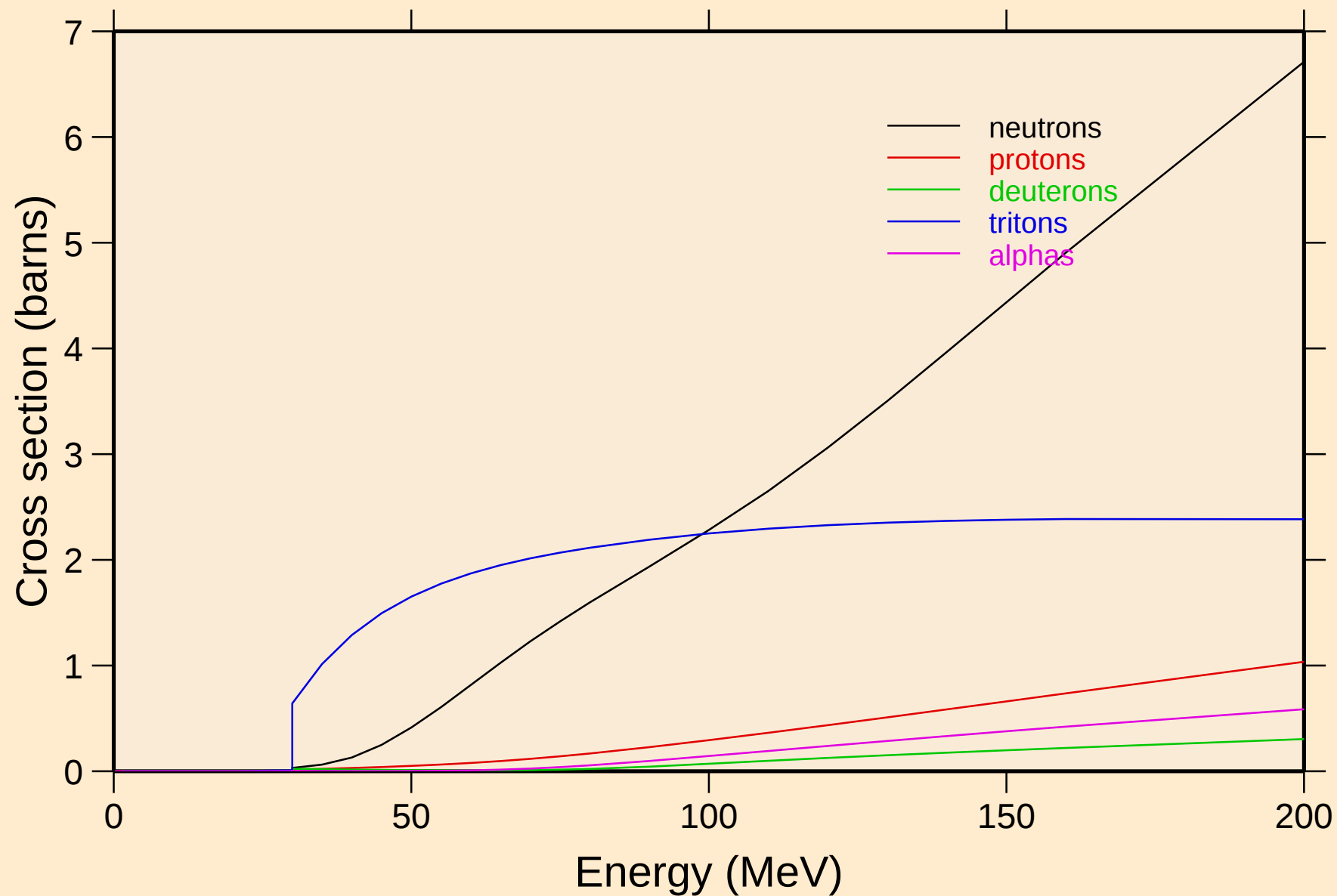
NP230 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Recoil Heating

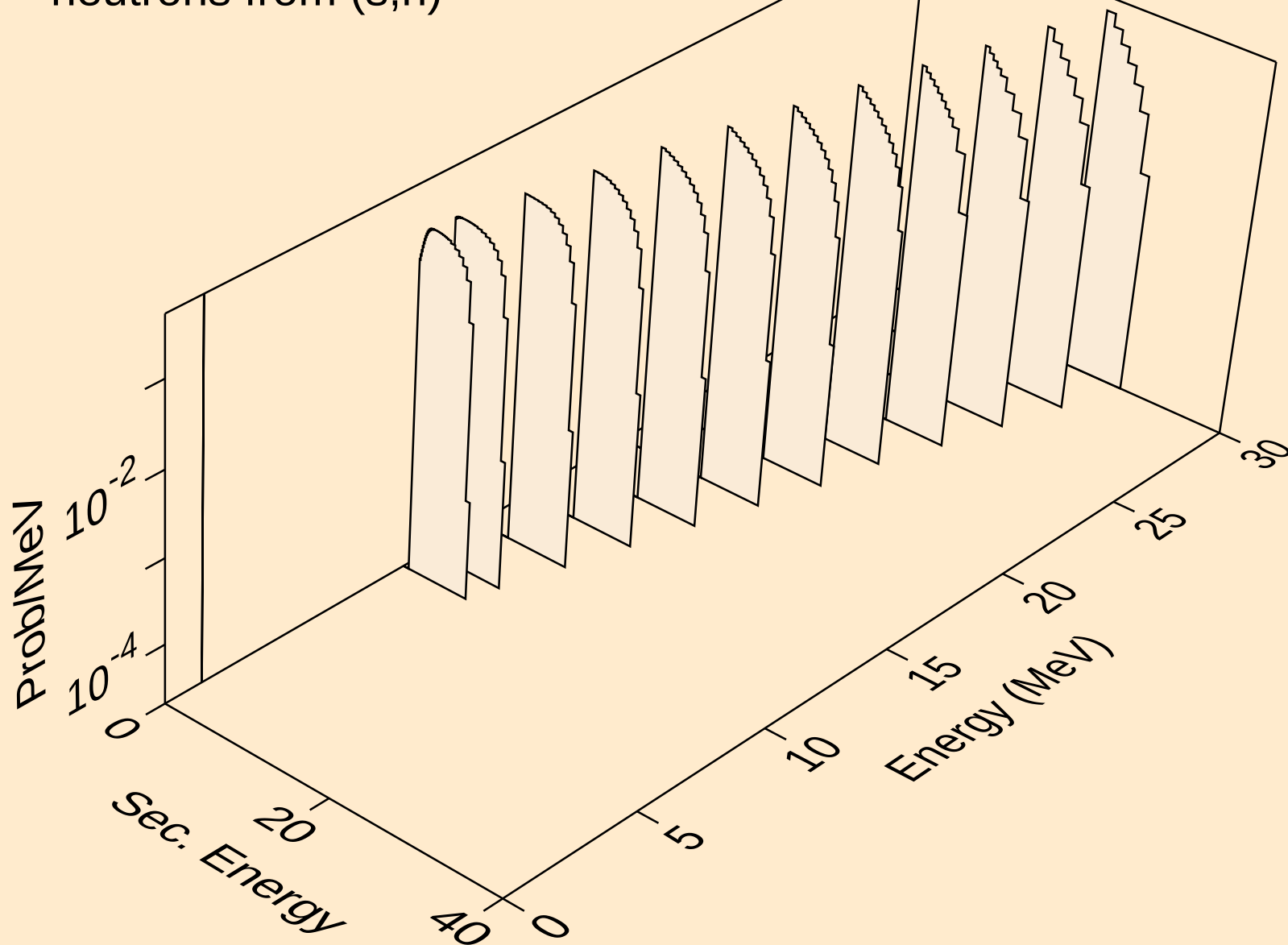


NP230 HELION ACER TENDL-2023 LIBRARY; T=0.K

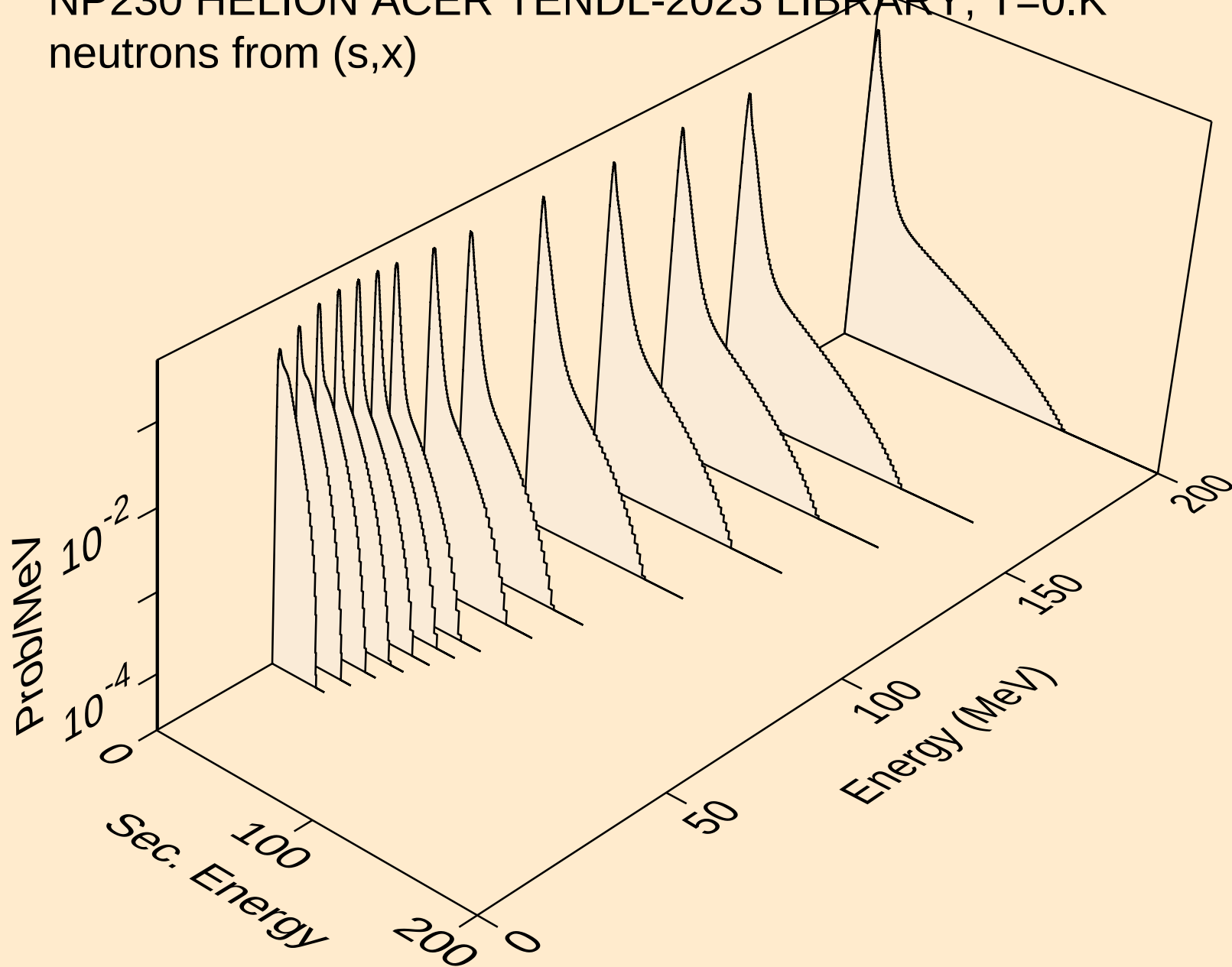
Particle production cross sections



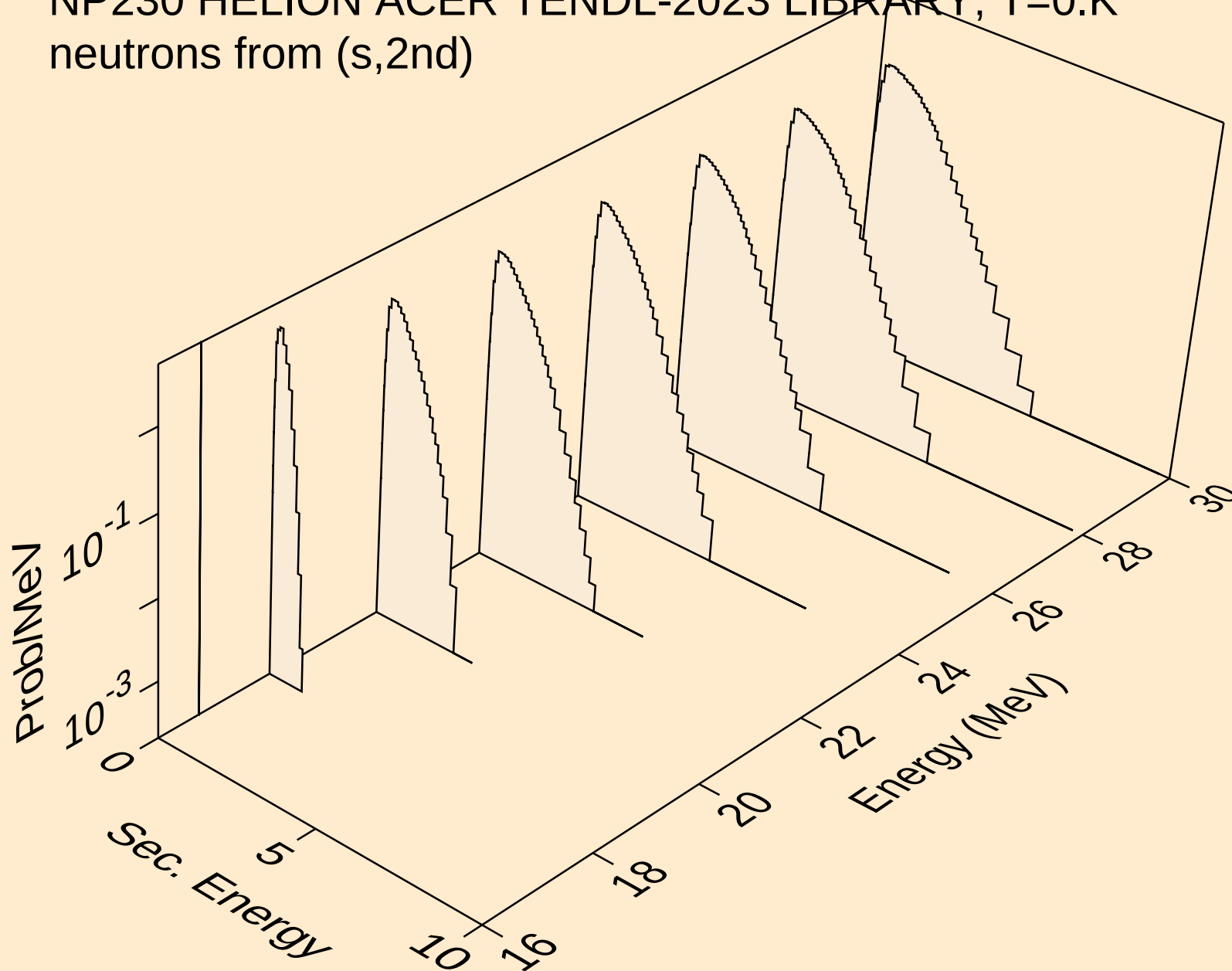
NP230 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n)



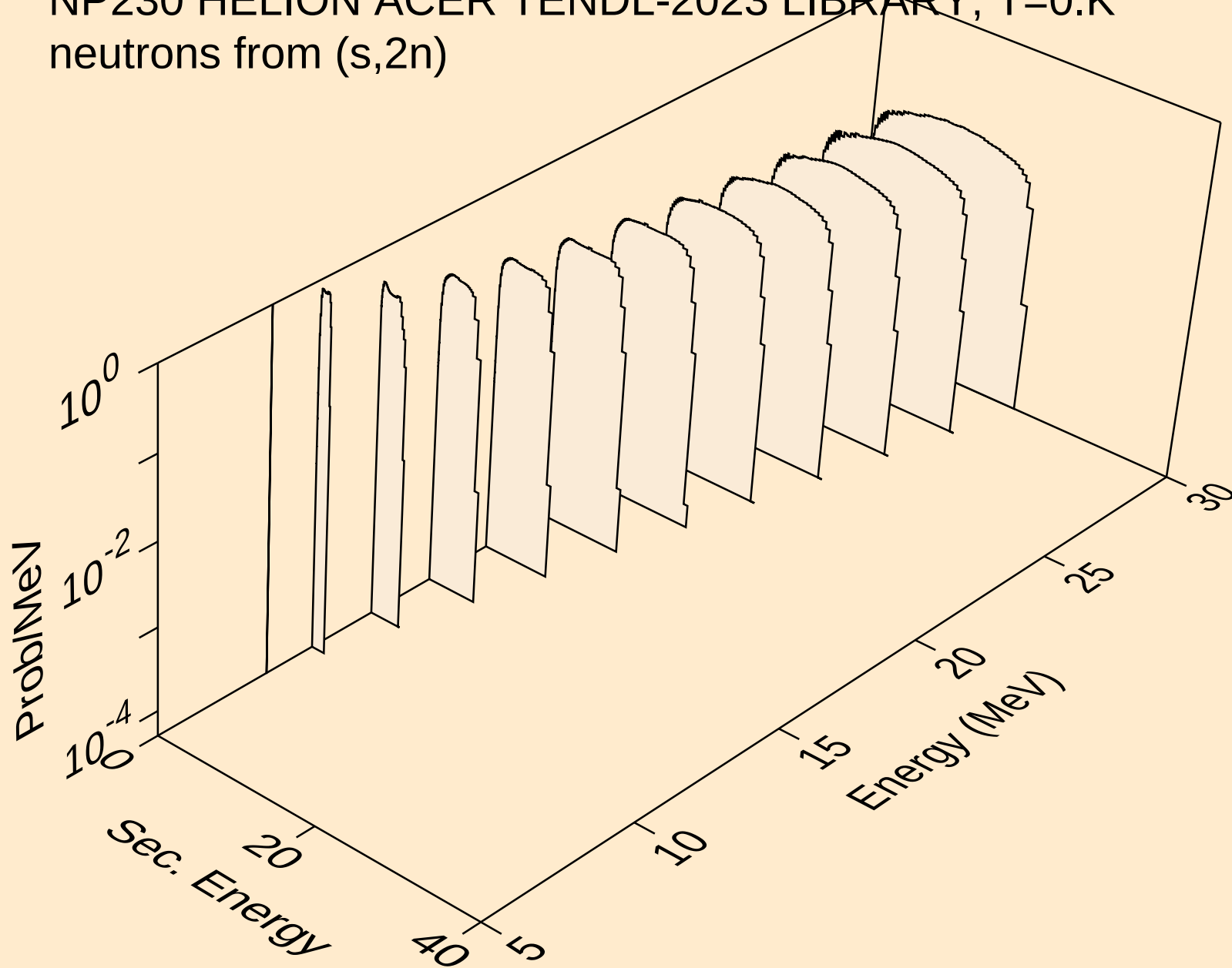
NP230 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,x)



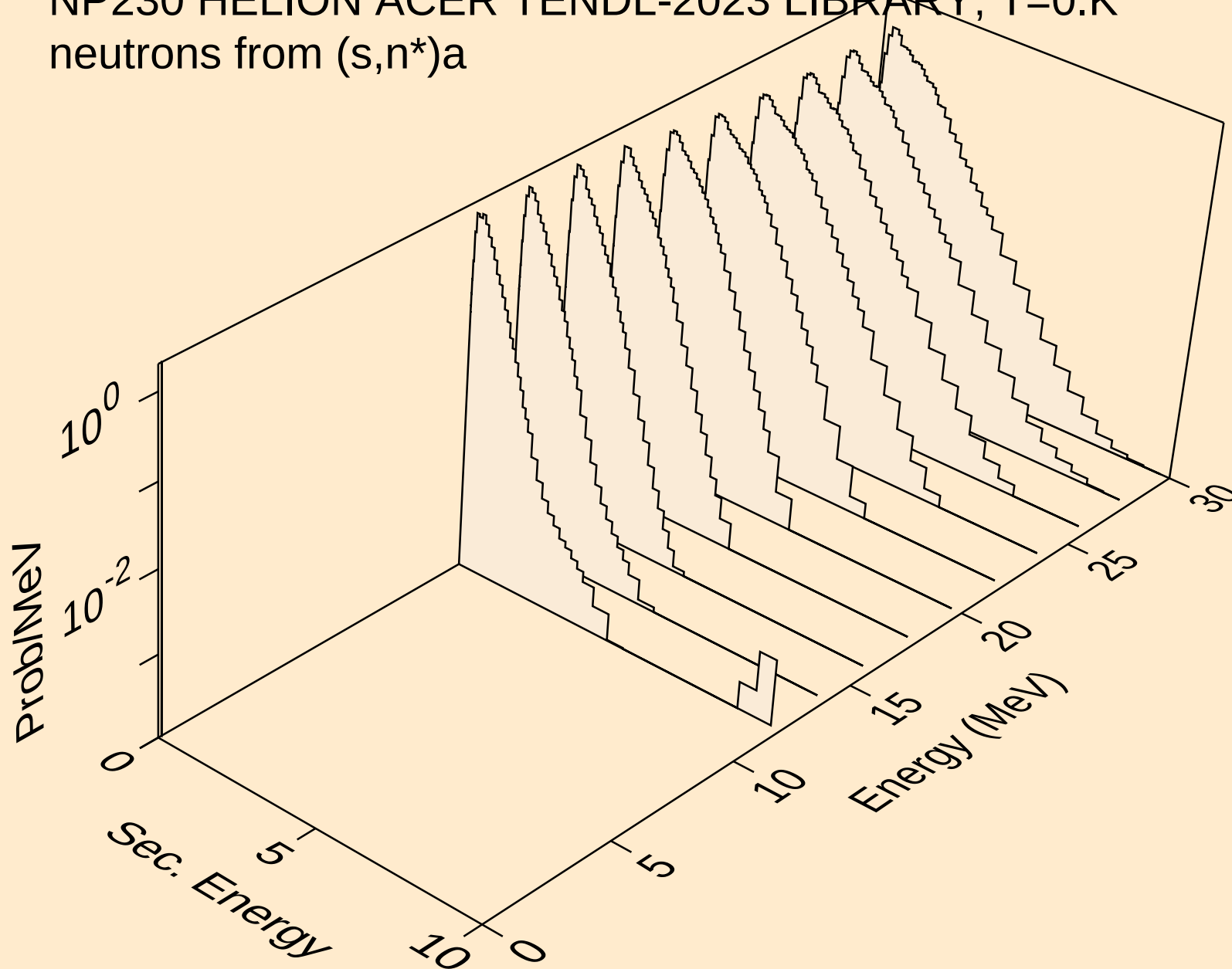
NP230 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2nd)



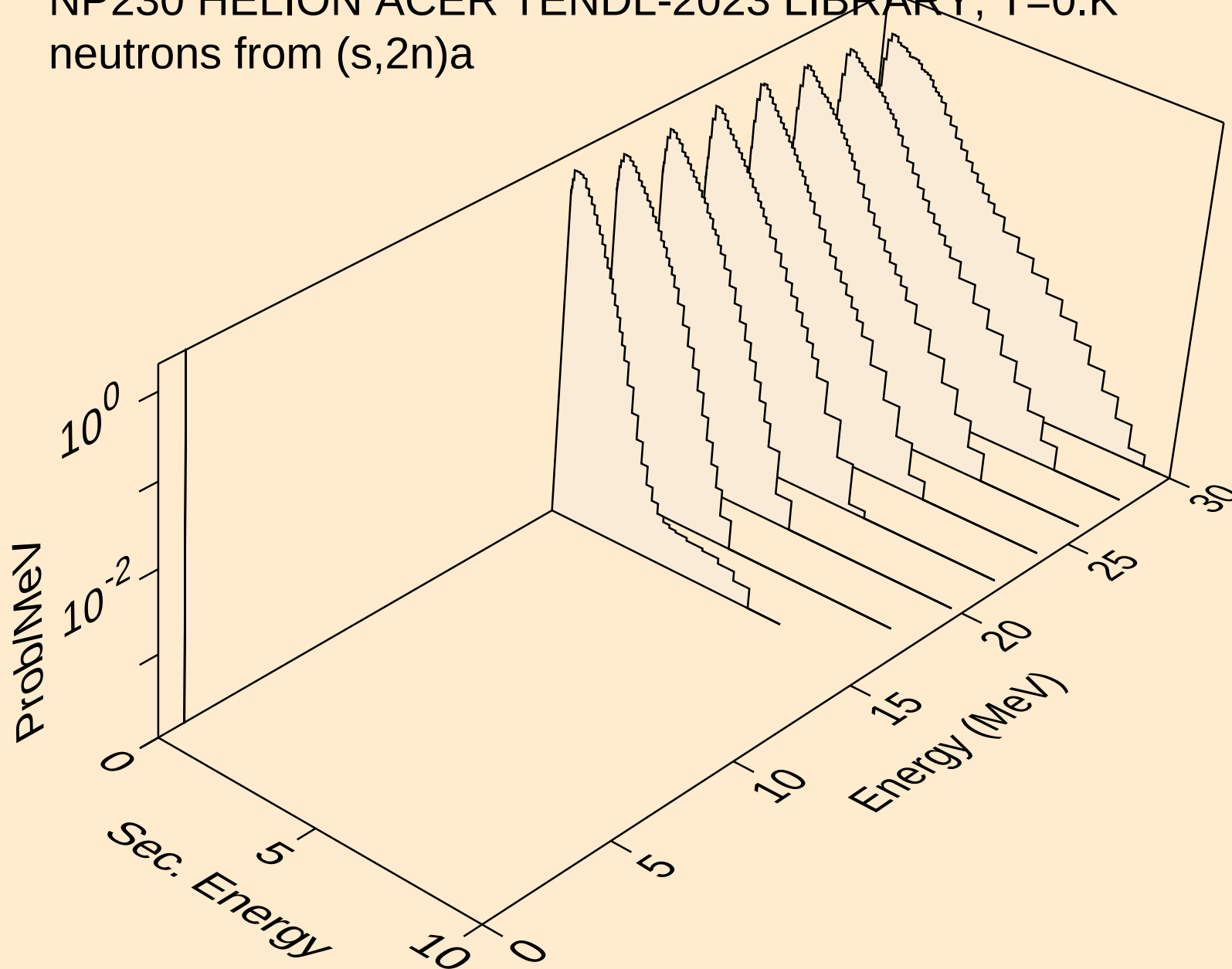
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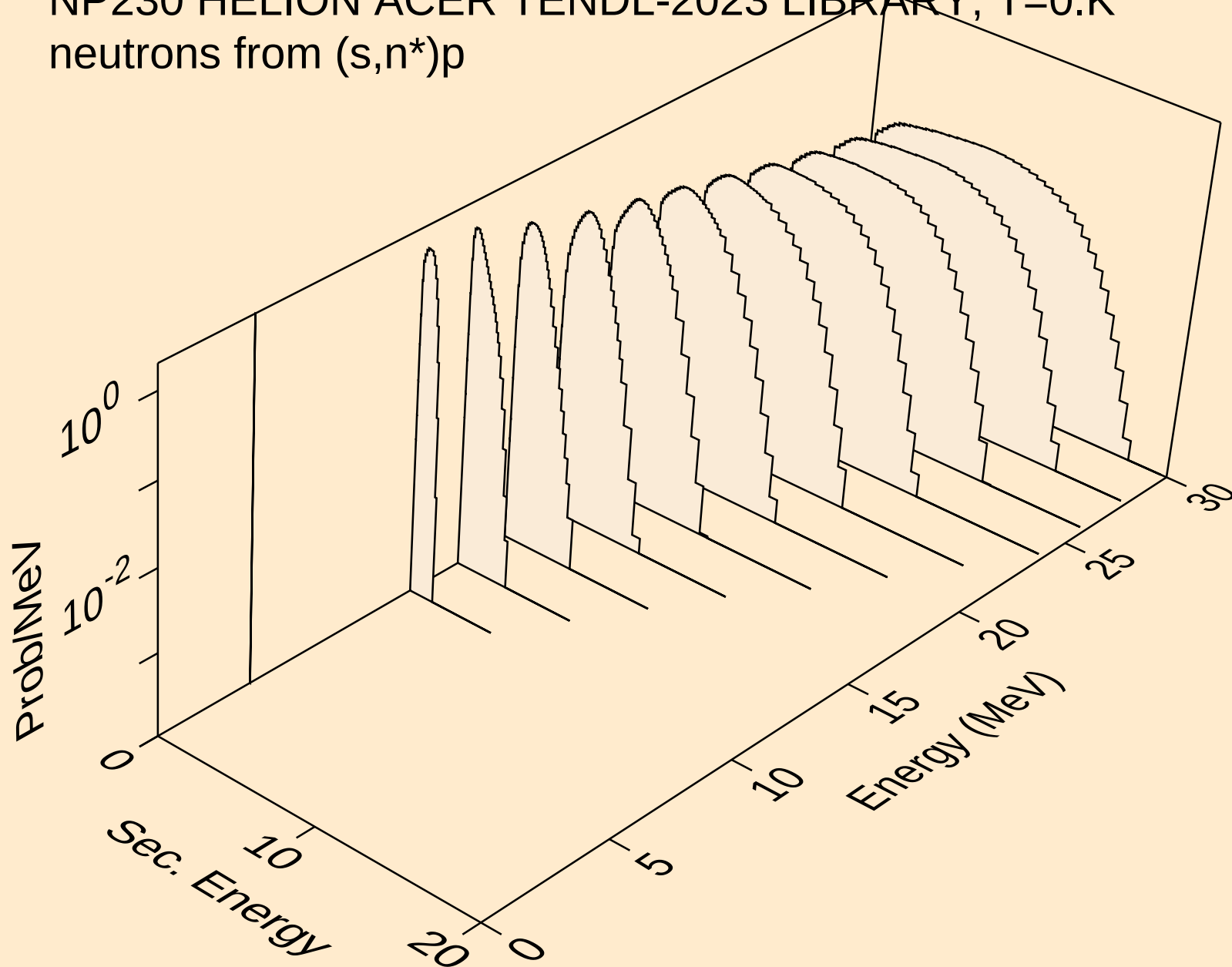
NP230 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)a



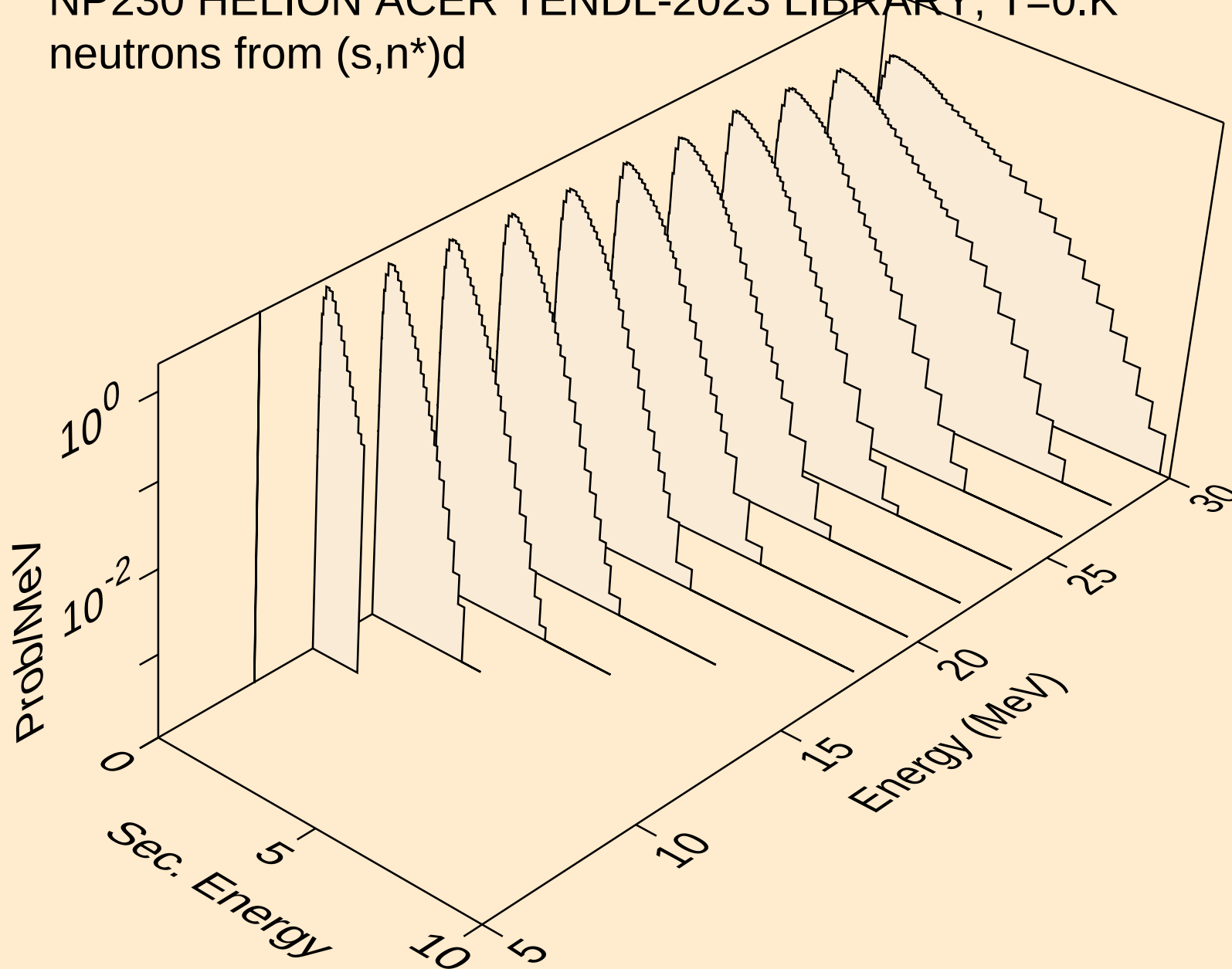
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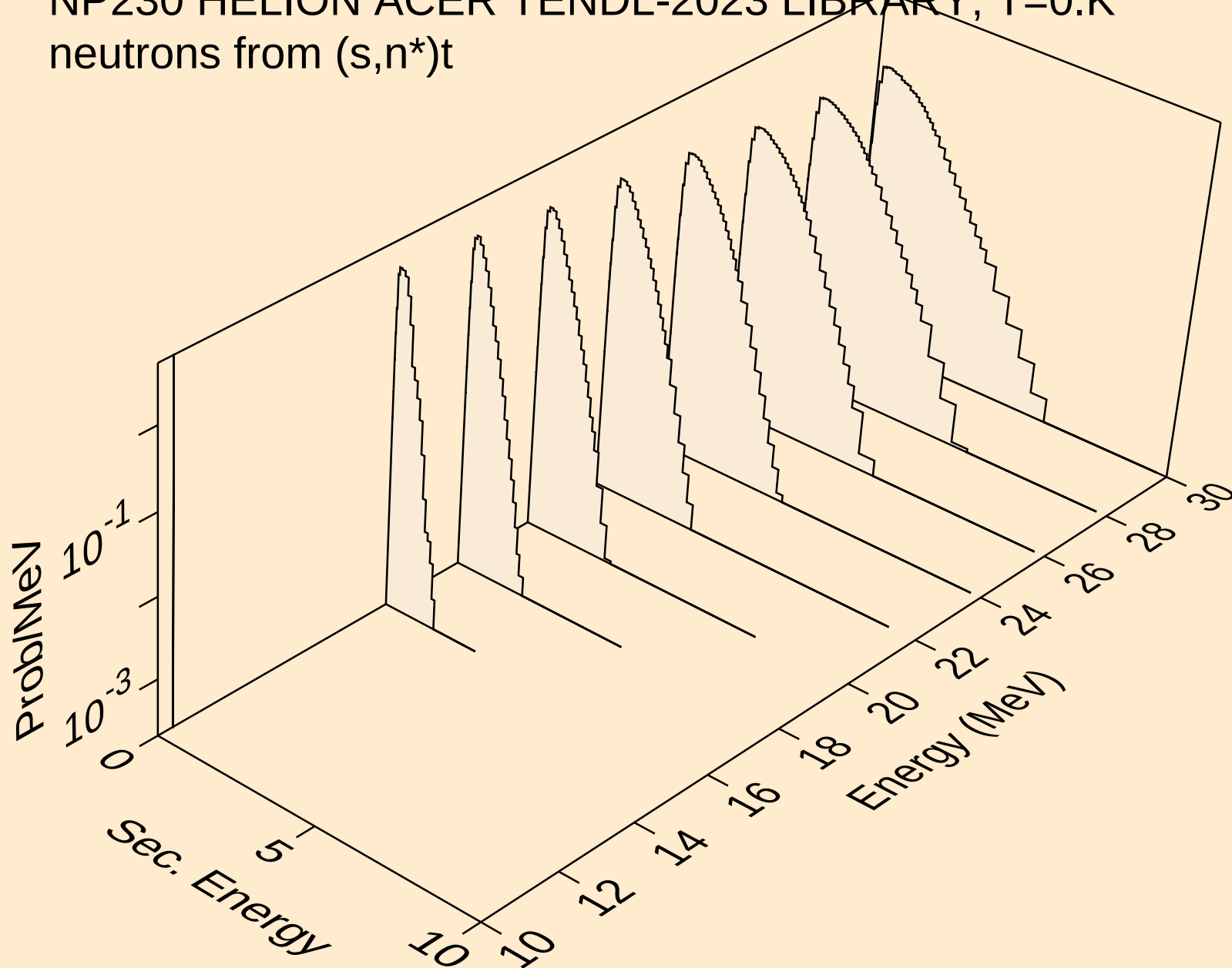
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neutrons from (s,n\*)p



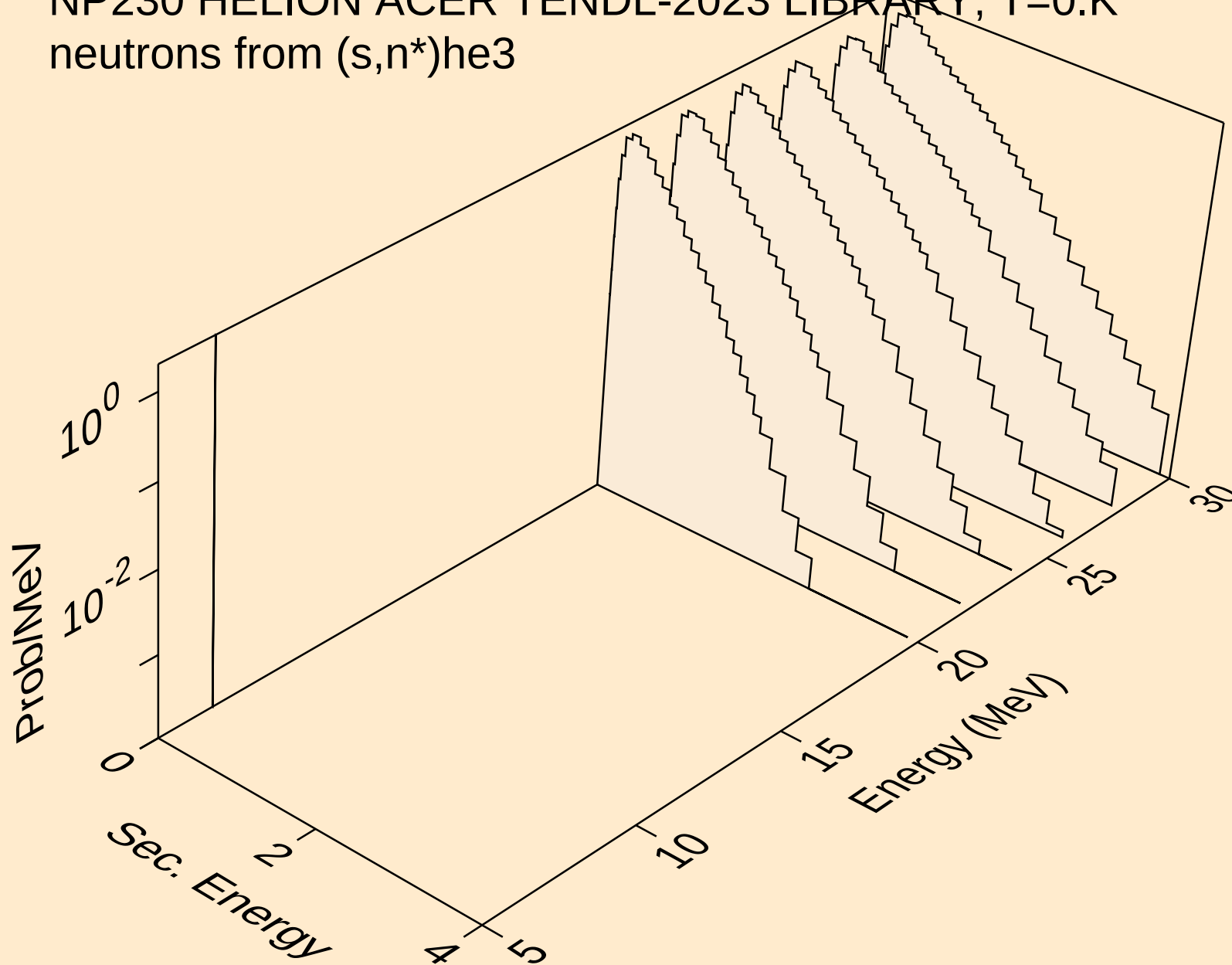
NP230 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)d



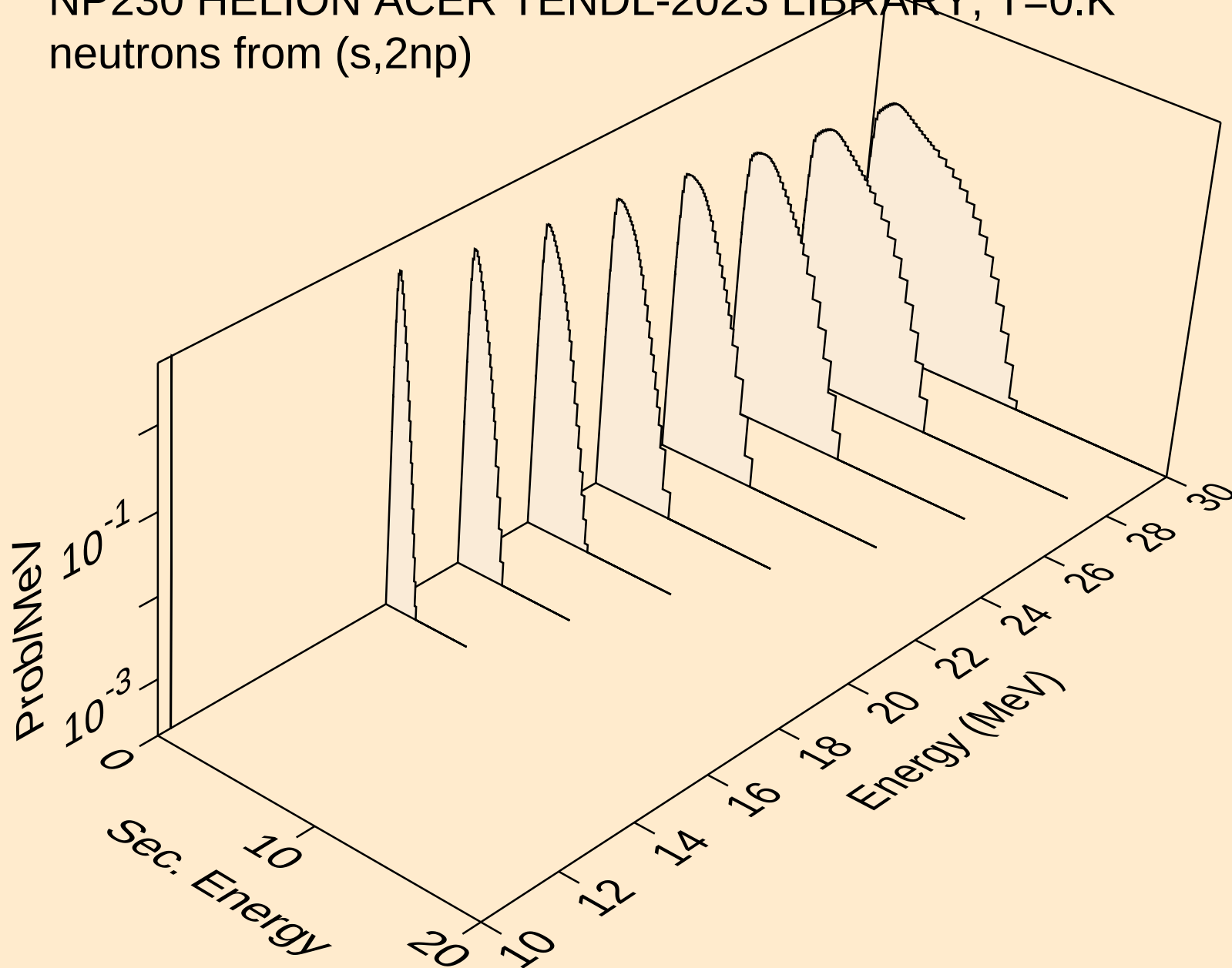
NP230 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)t



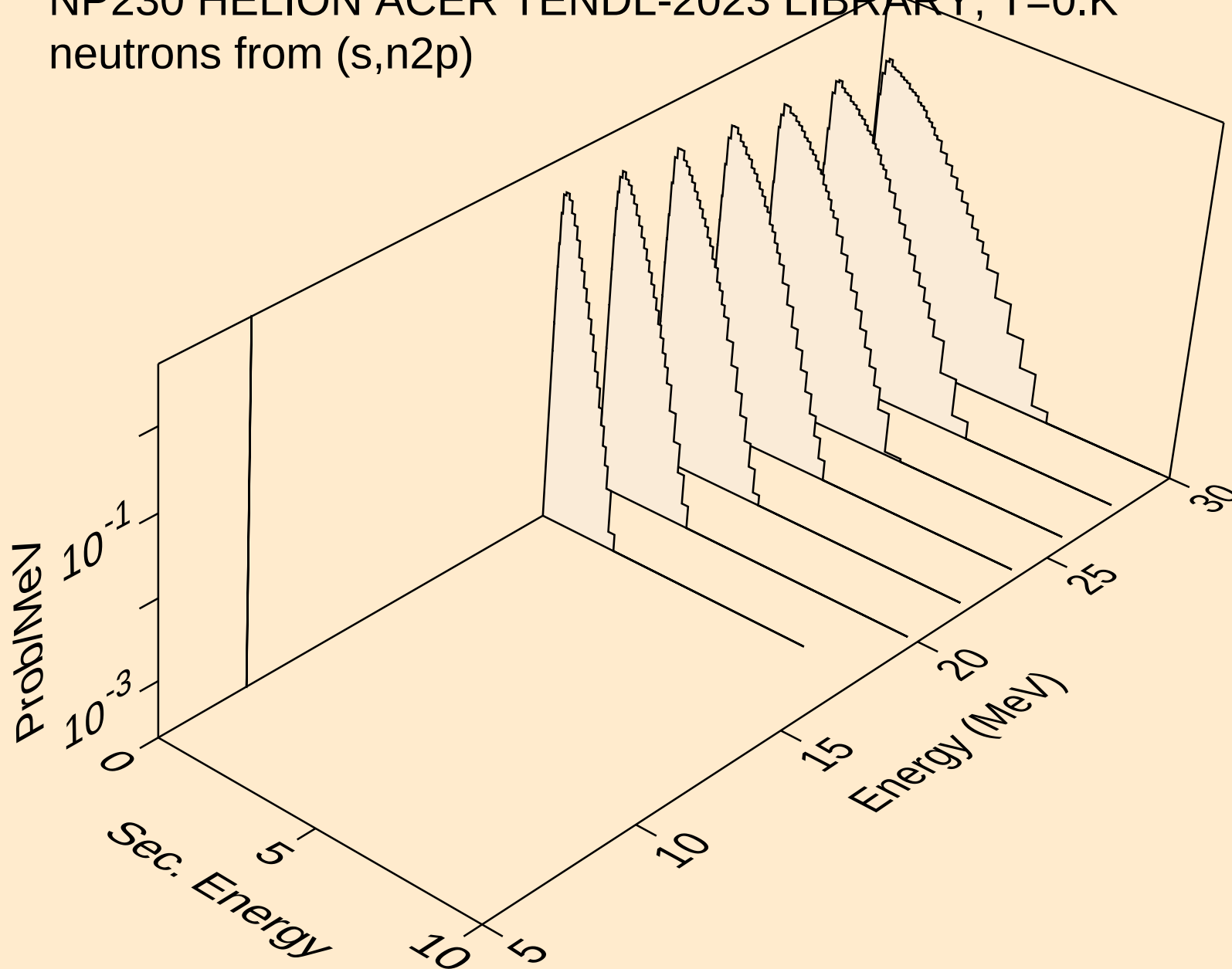
NP230 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



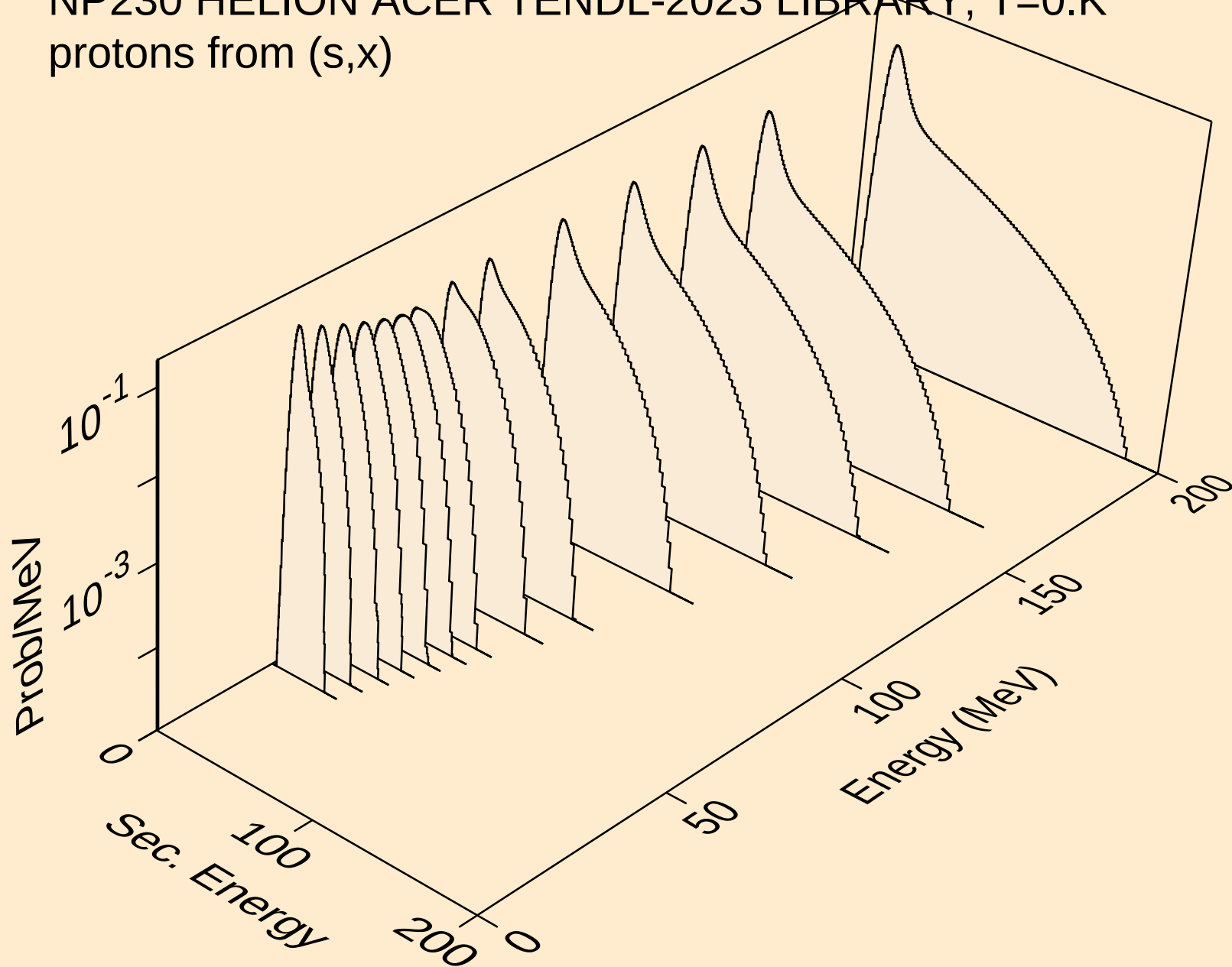
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neutrons from (s,2np)



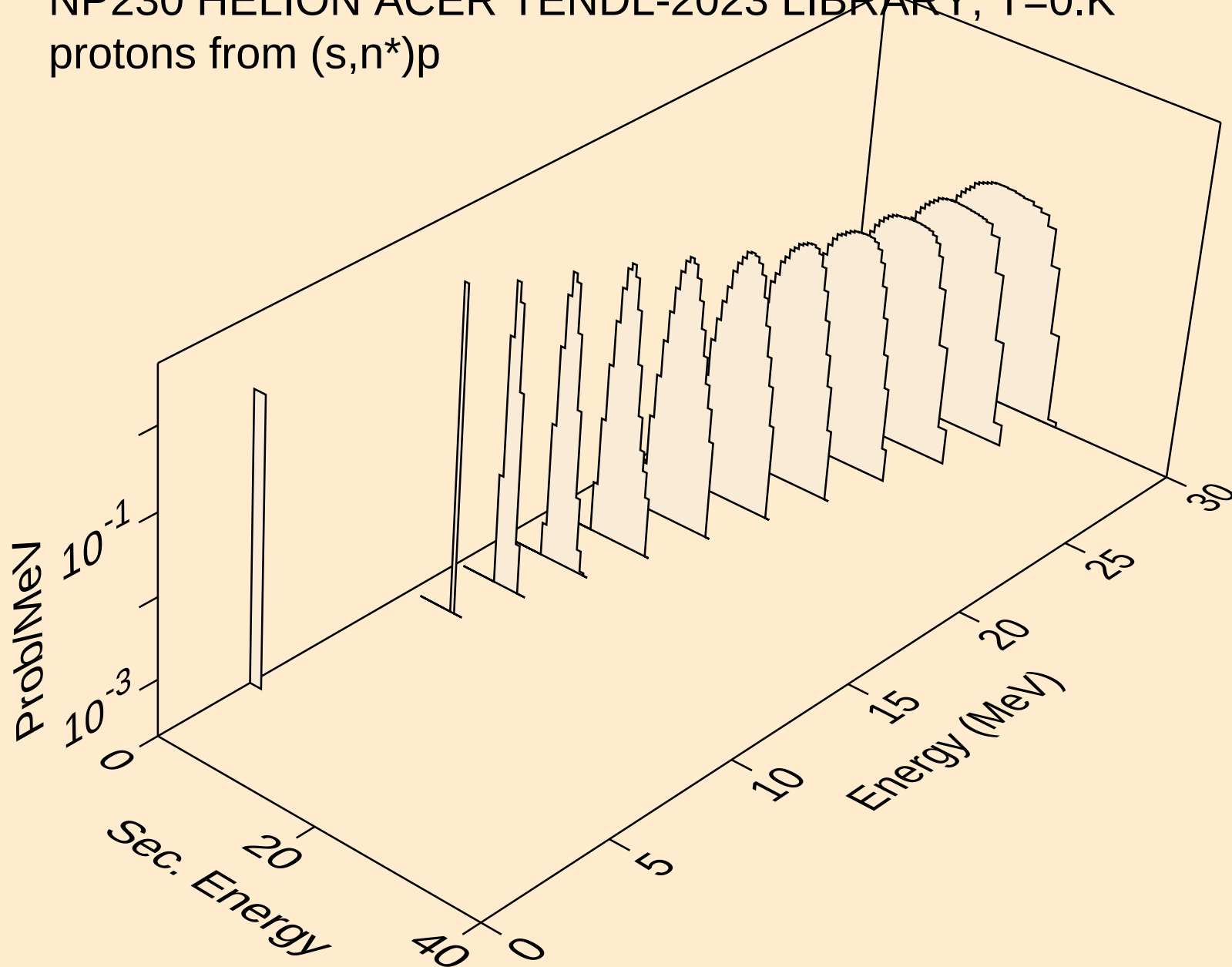
NP230 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n2p)



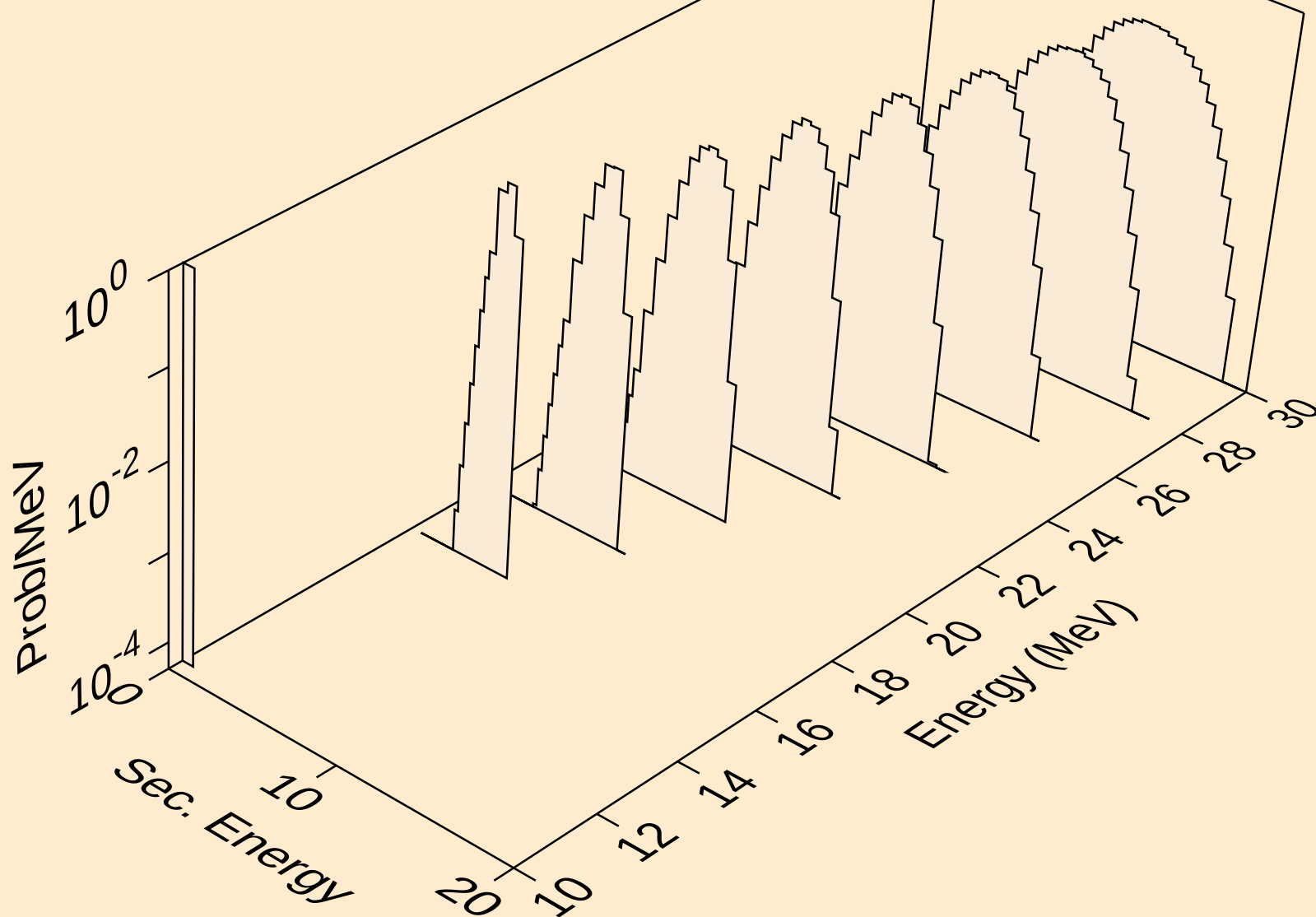
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protons from (s,x)



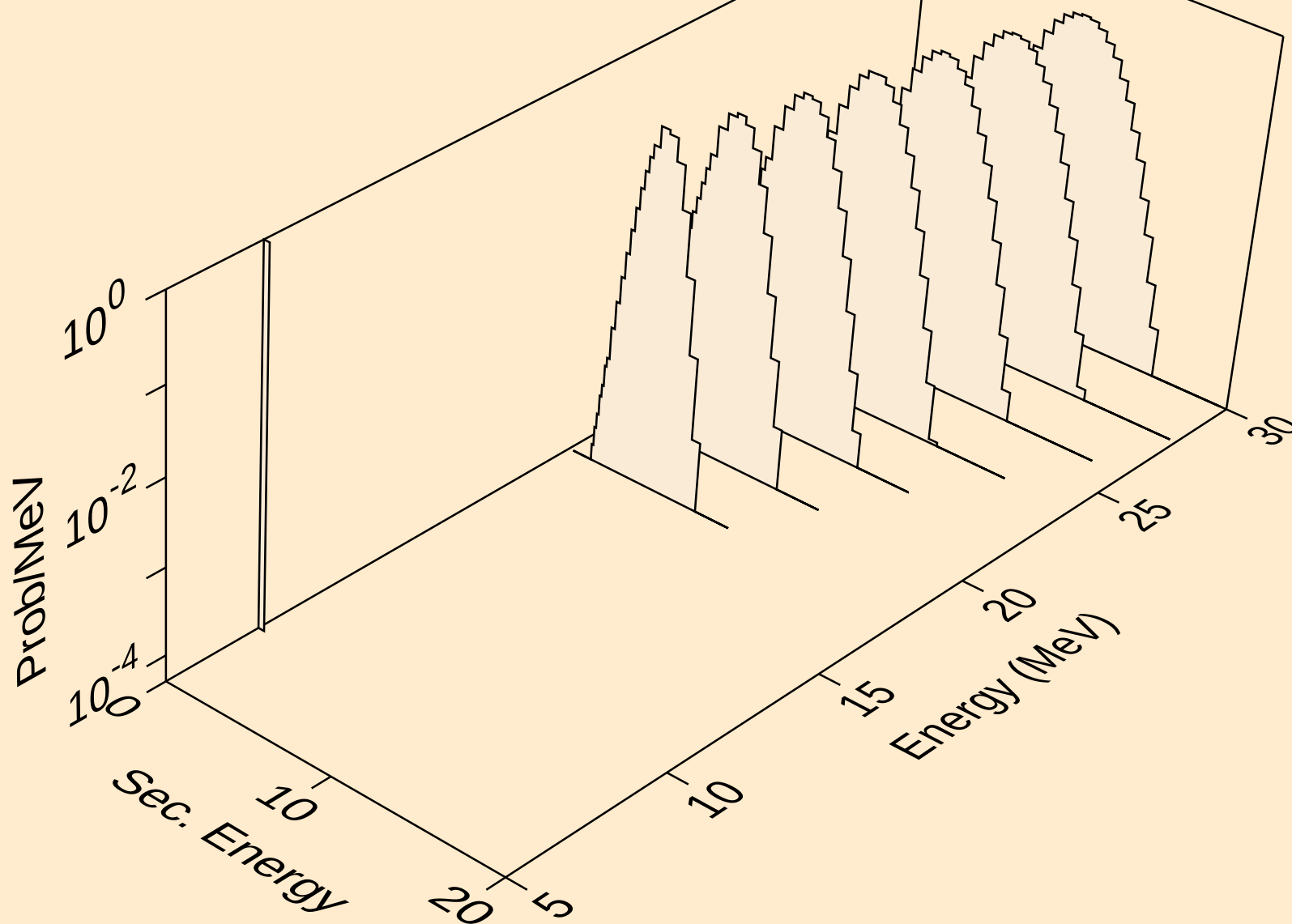
NP230 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,n\*)p



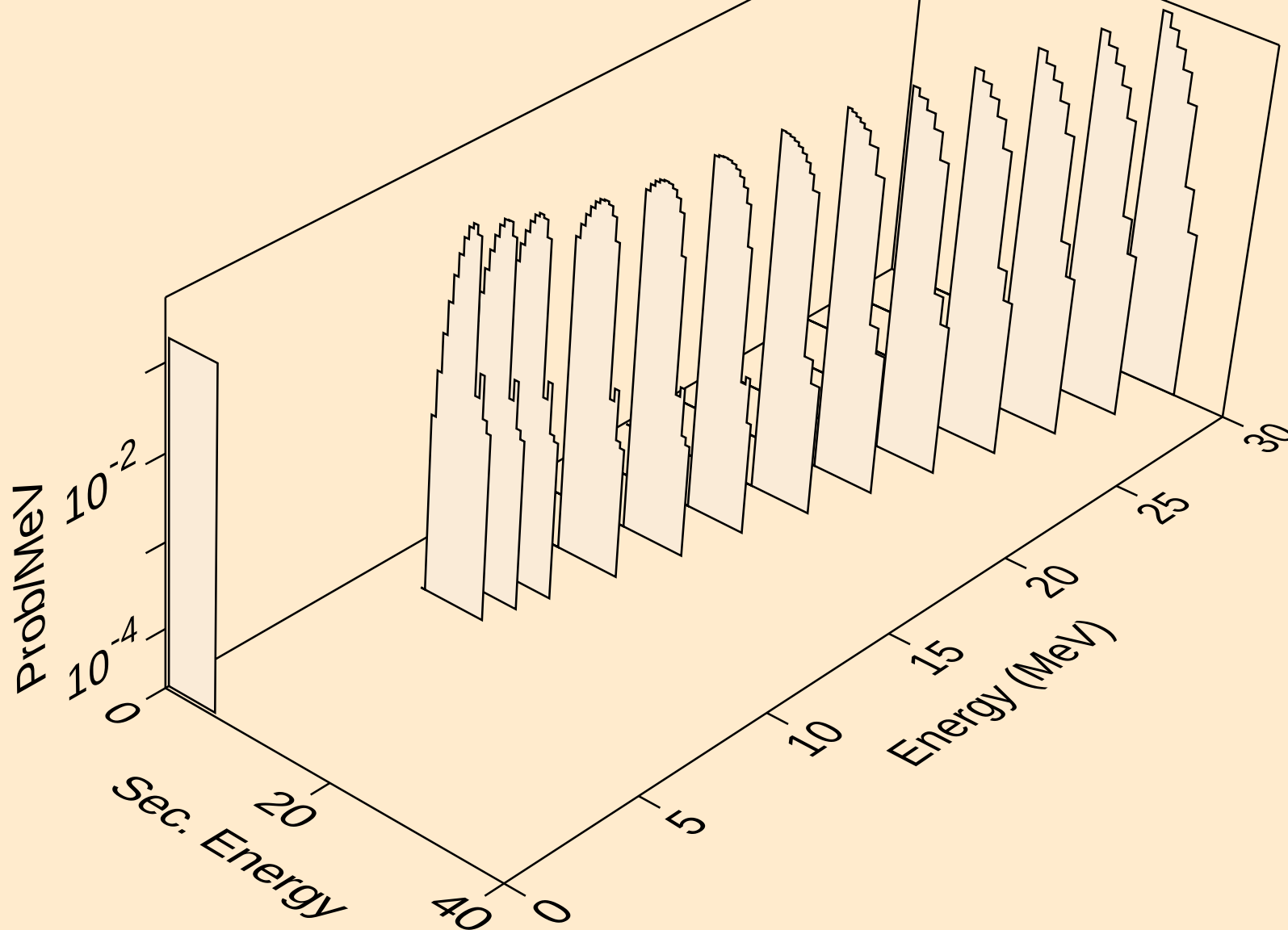
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protons from (s,2np)



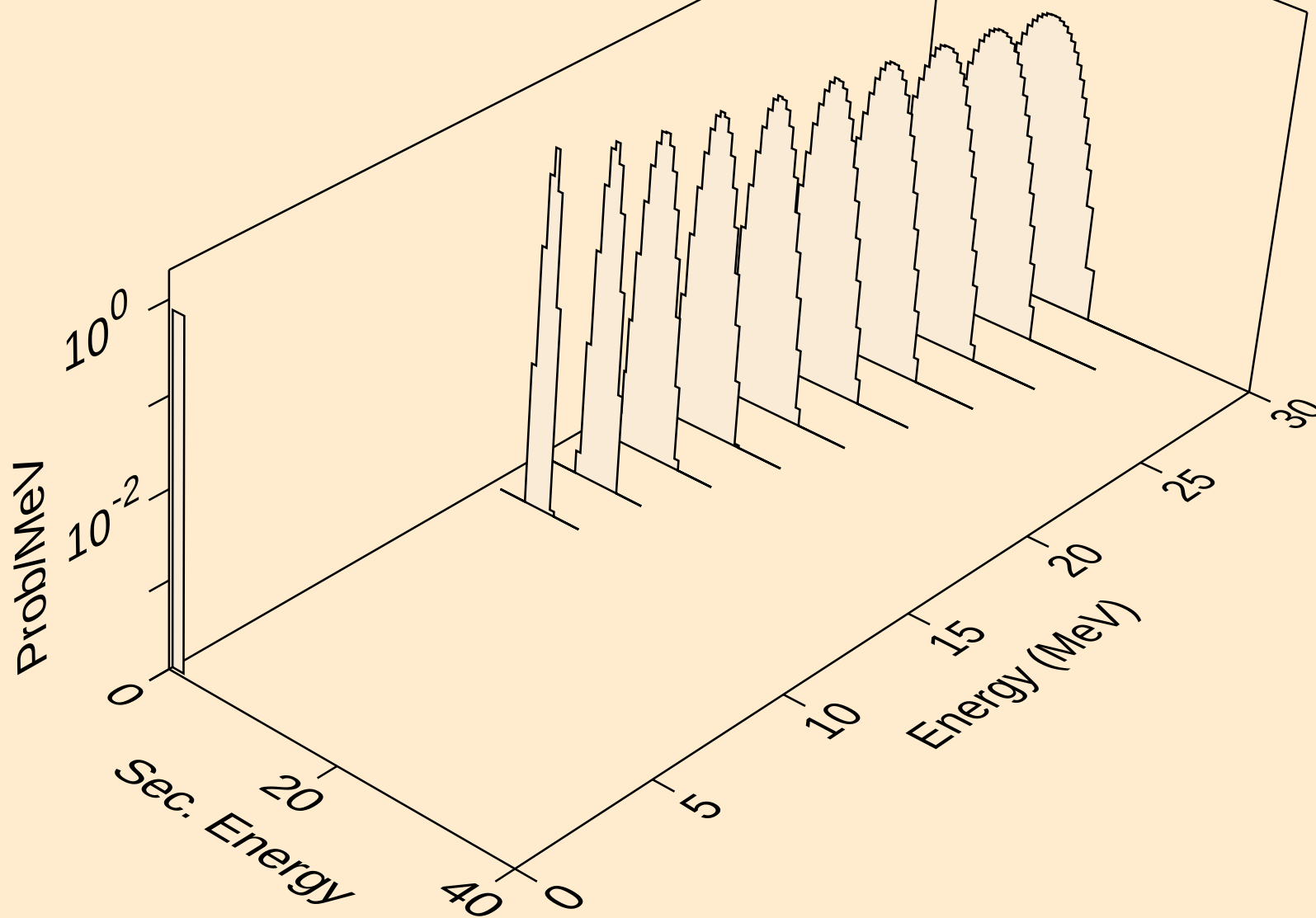
NP230 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,n2p)



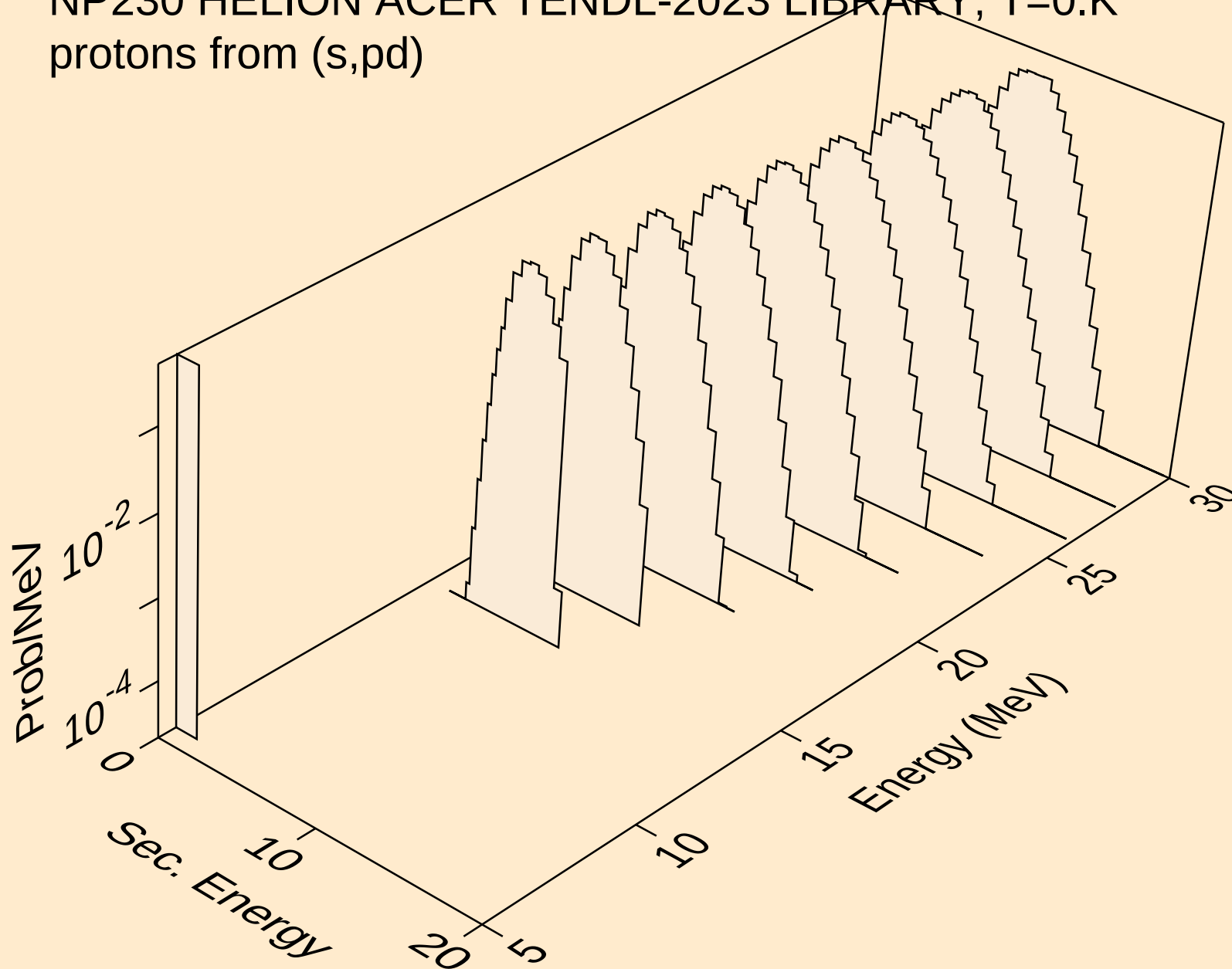
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protons from (s,p)



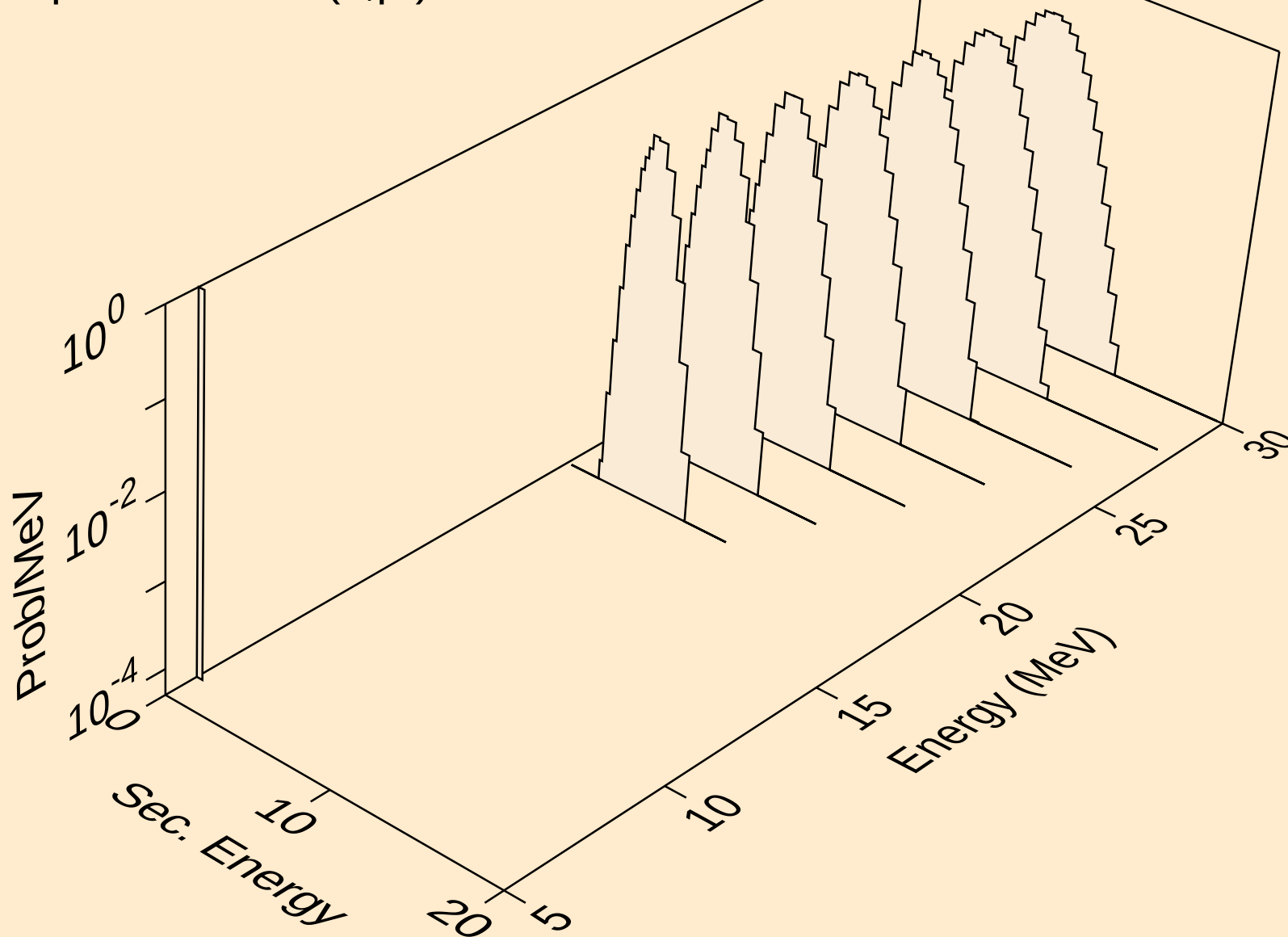
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protons from (s,2p)



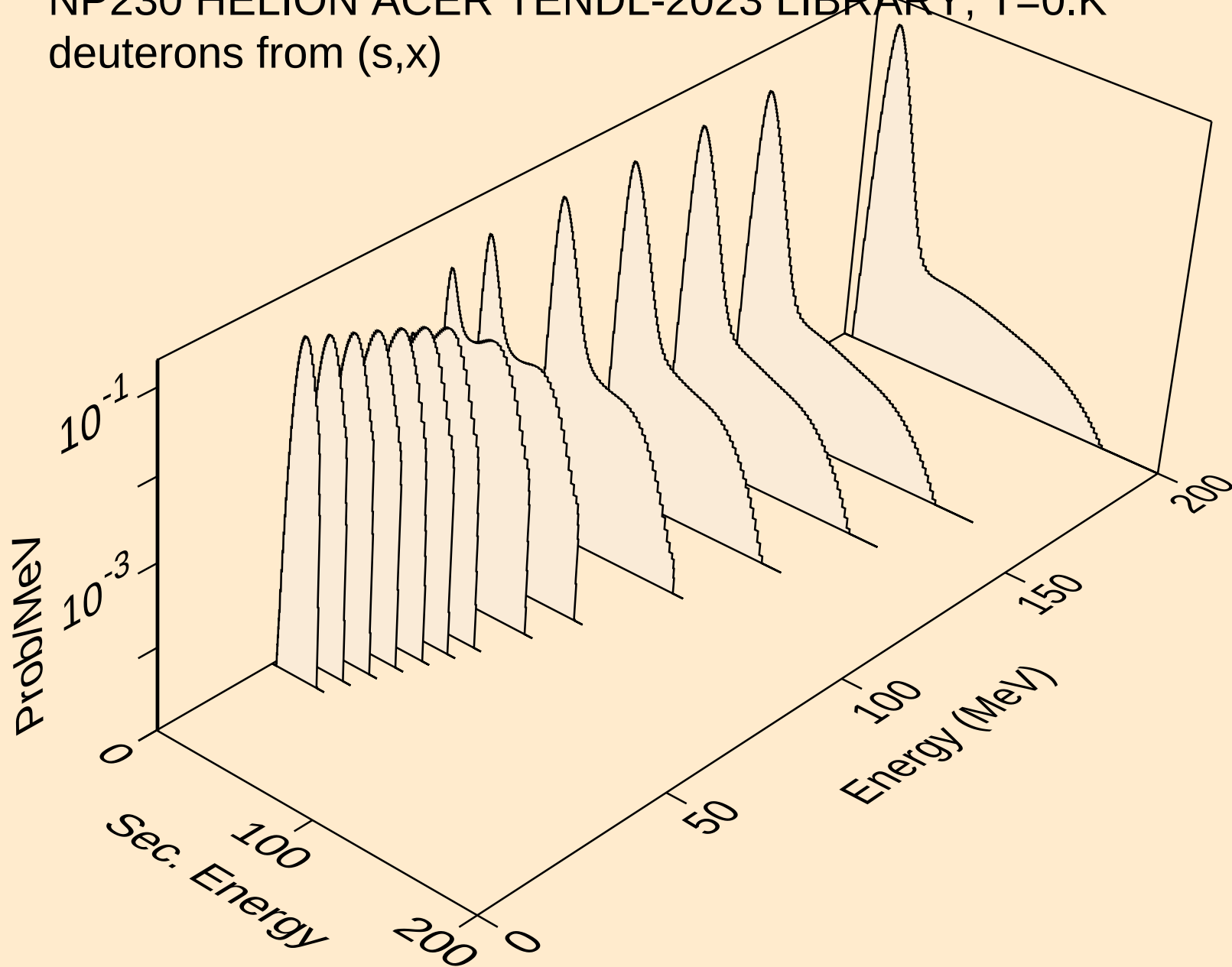
NP230 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pd)



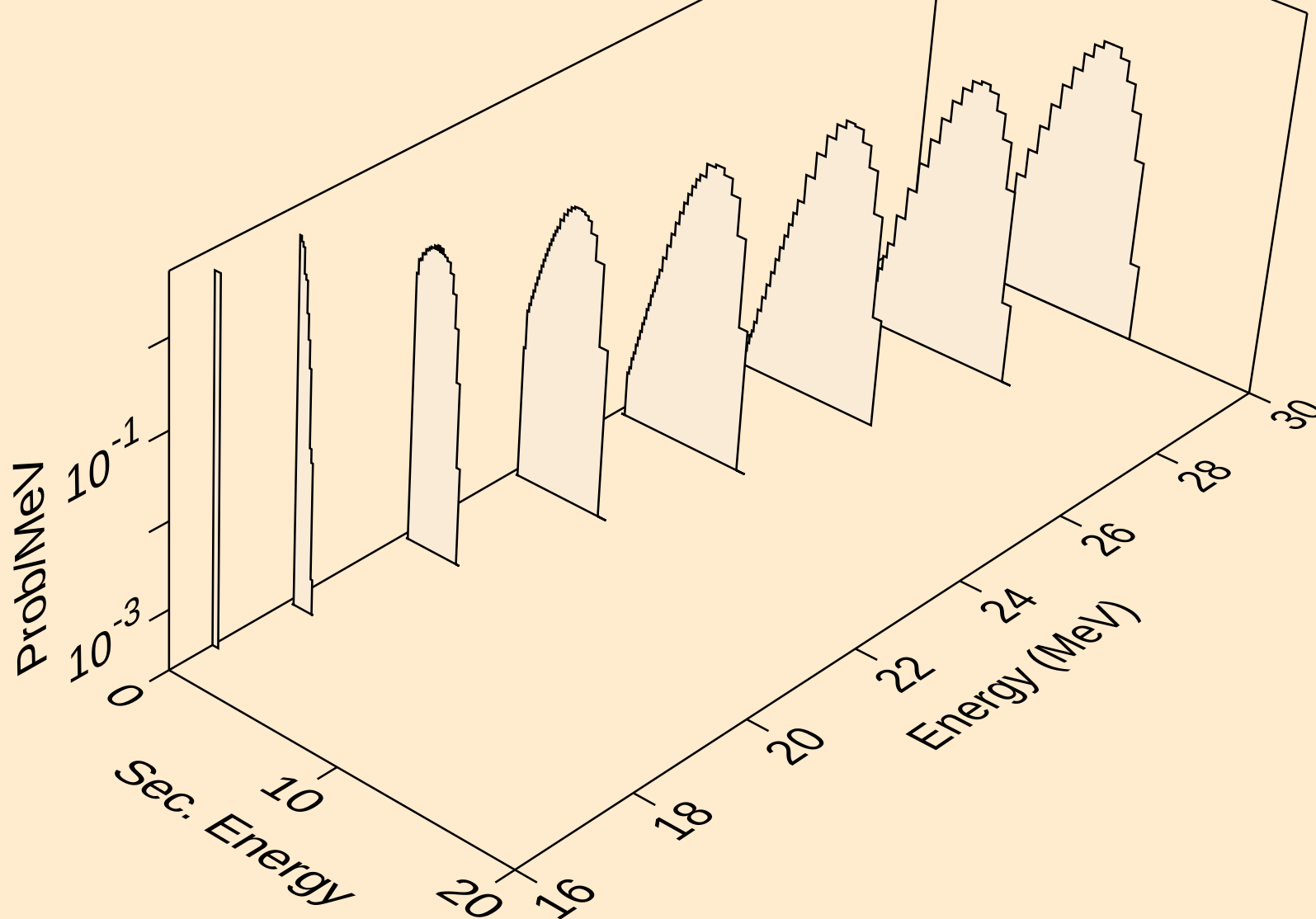
NP230 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pt)



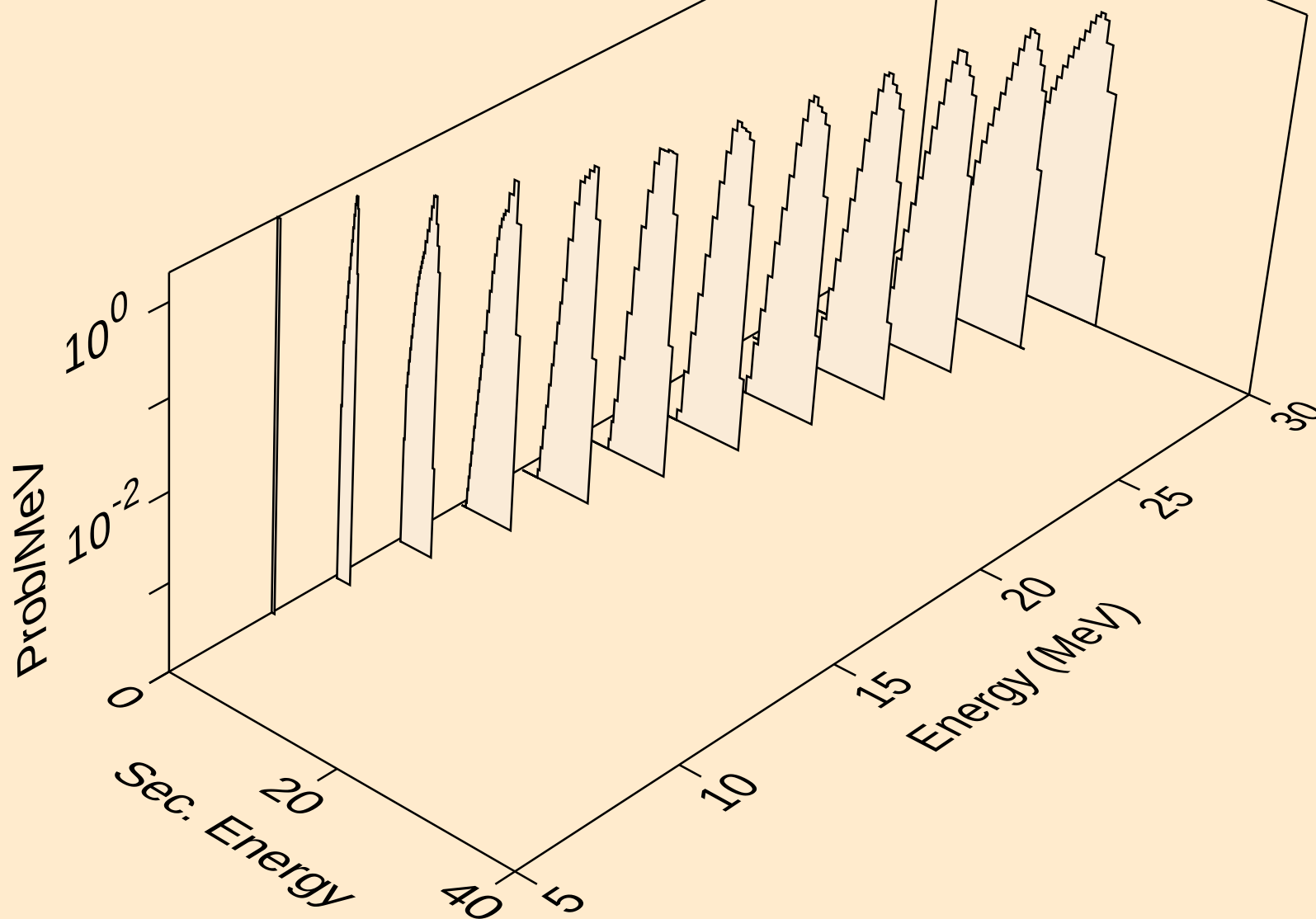
NP230 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,x)



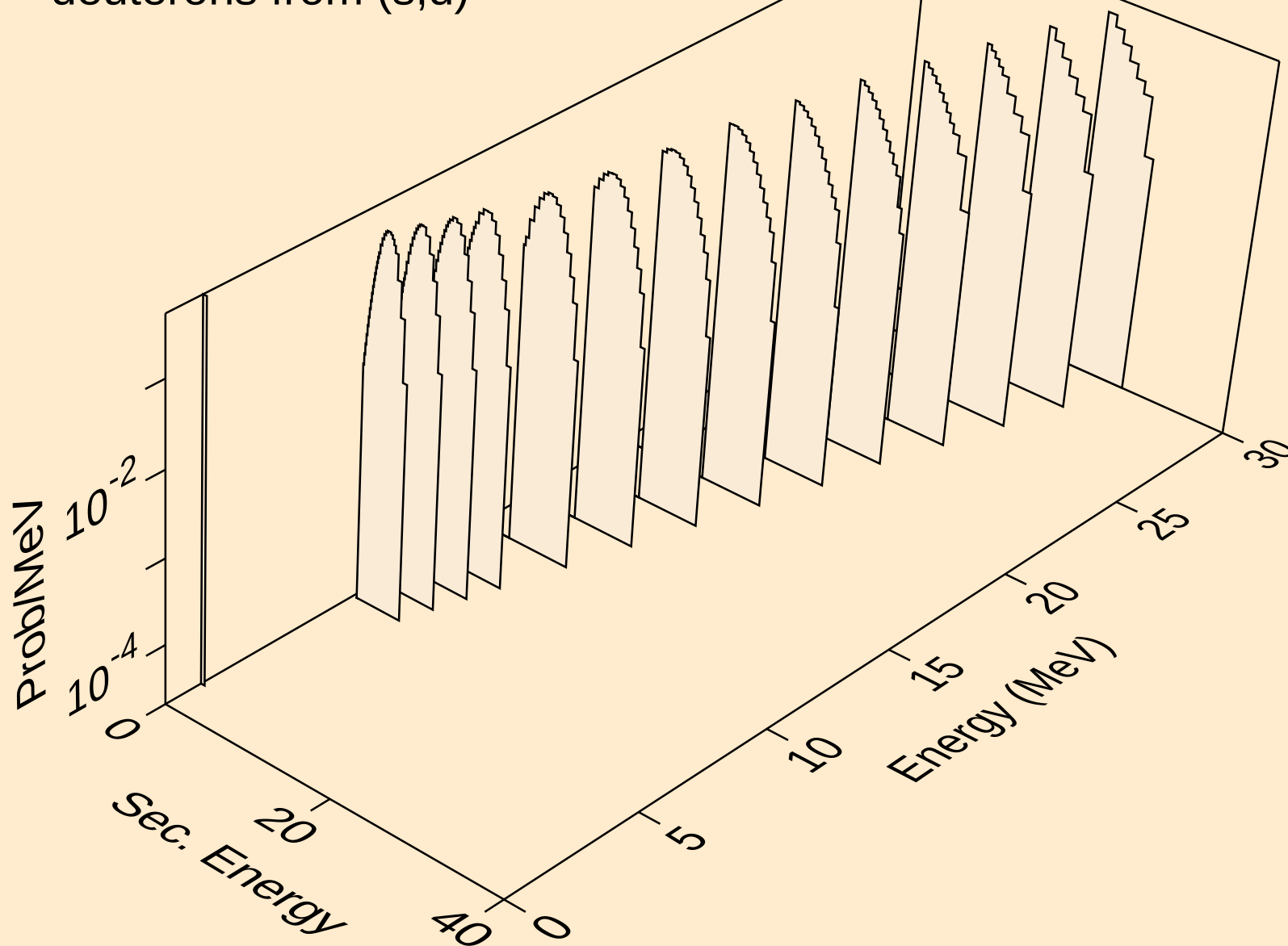
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deuterons from (s,2nd)



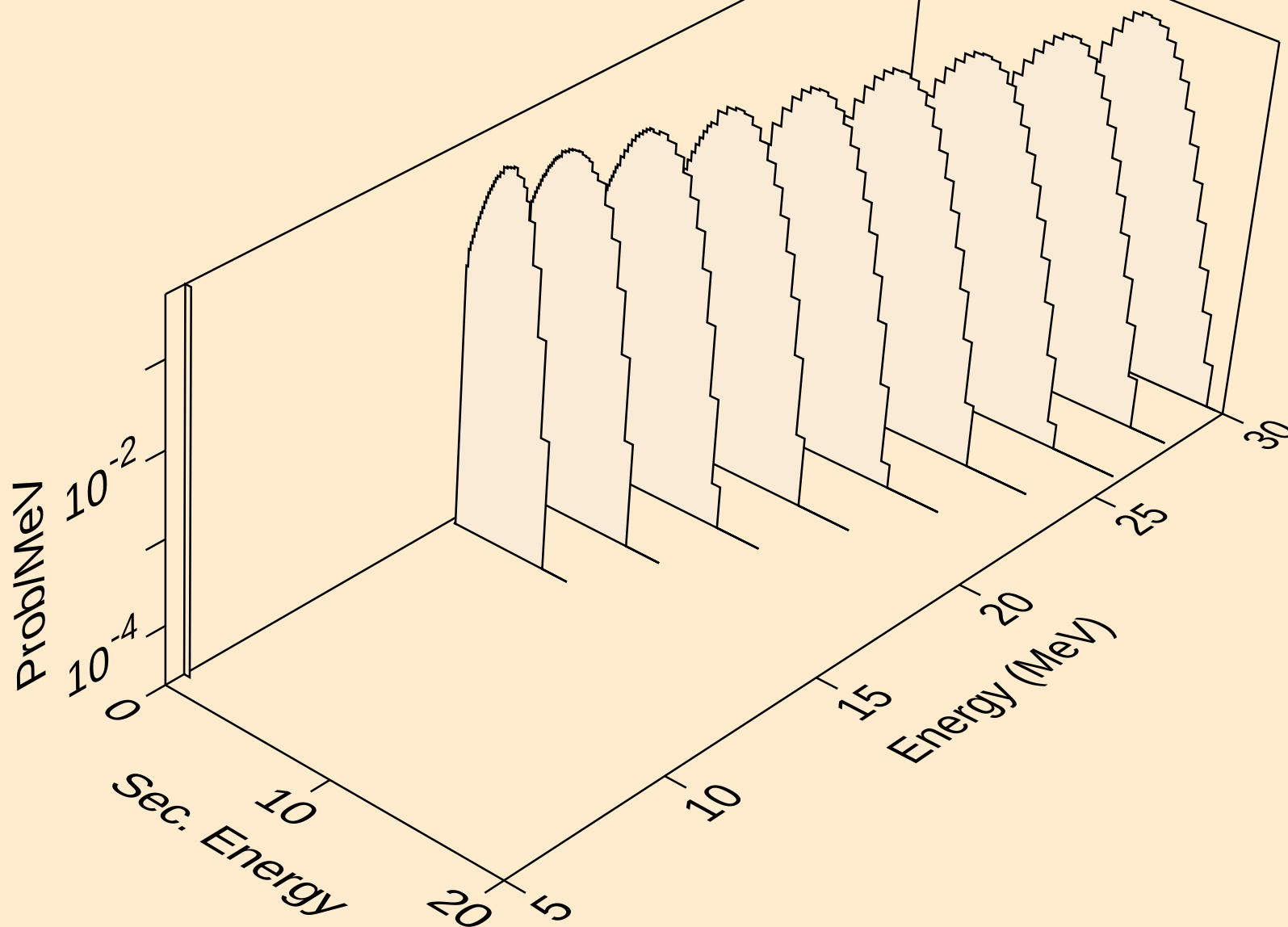
NP230 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,n\*)d



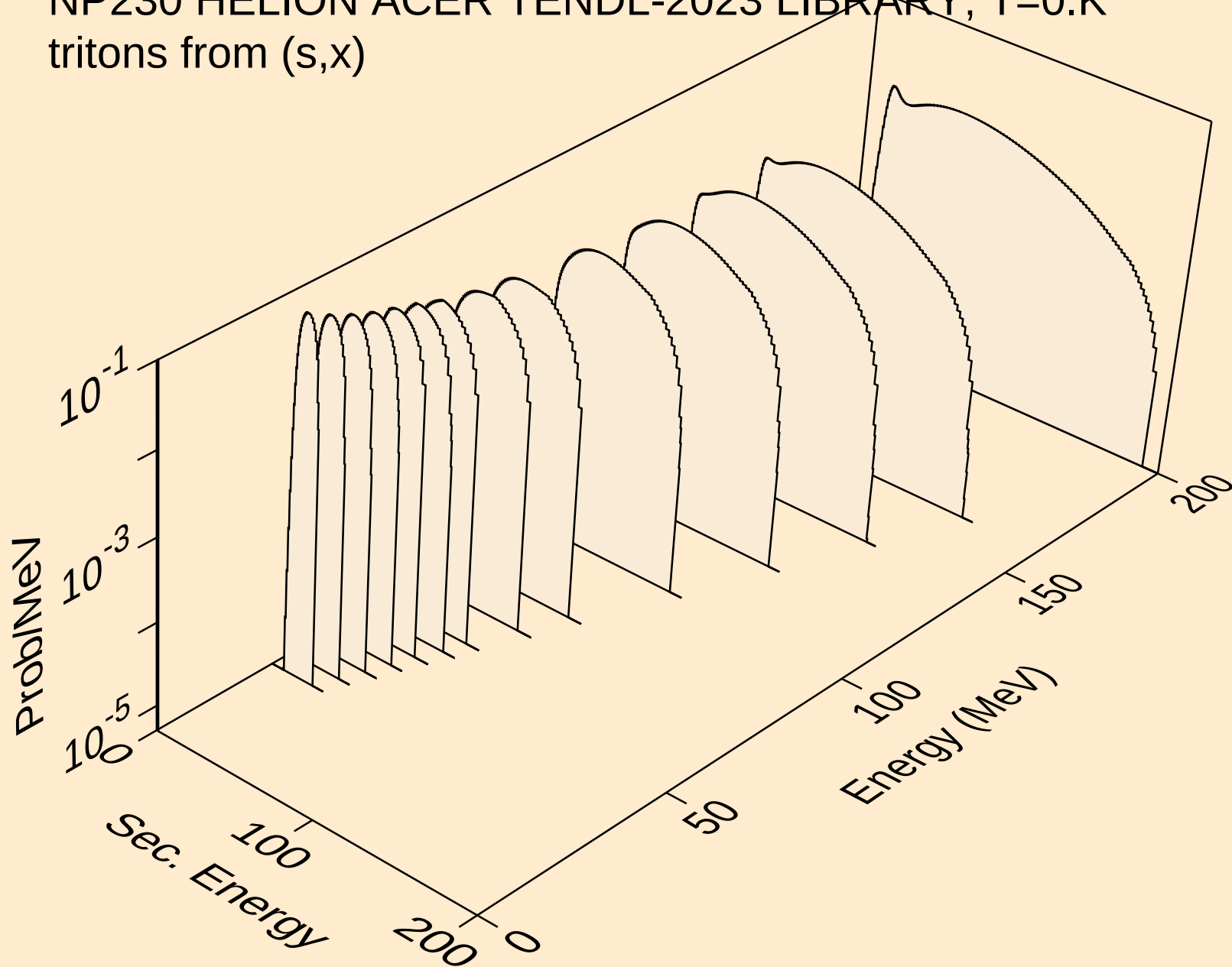
NP230 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,d)



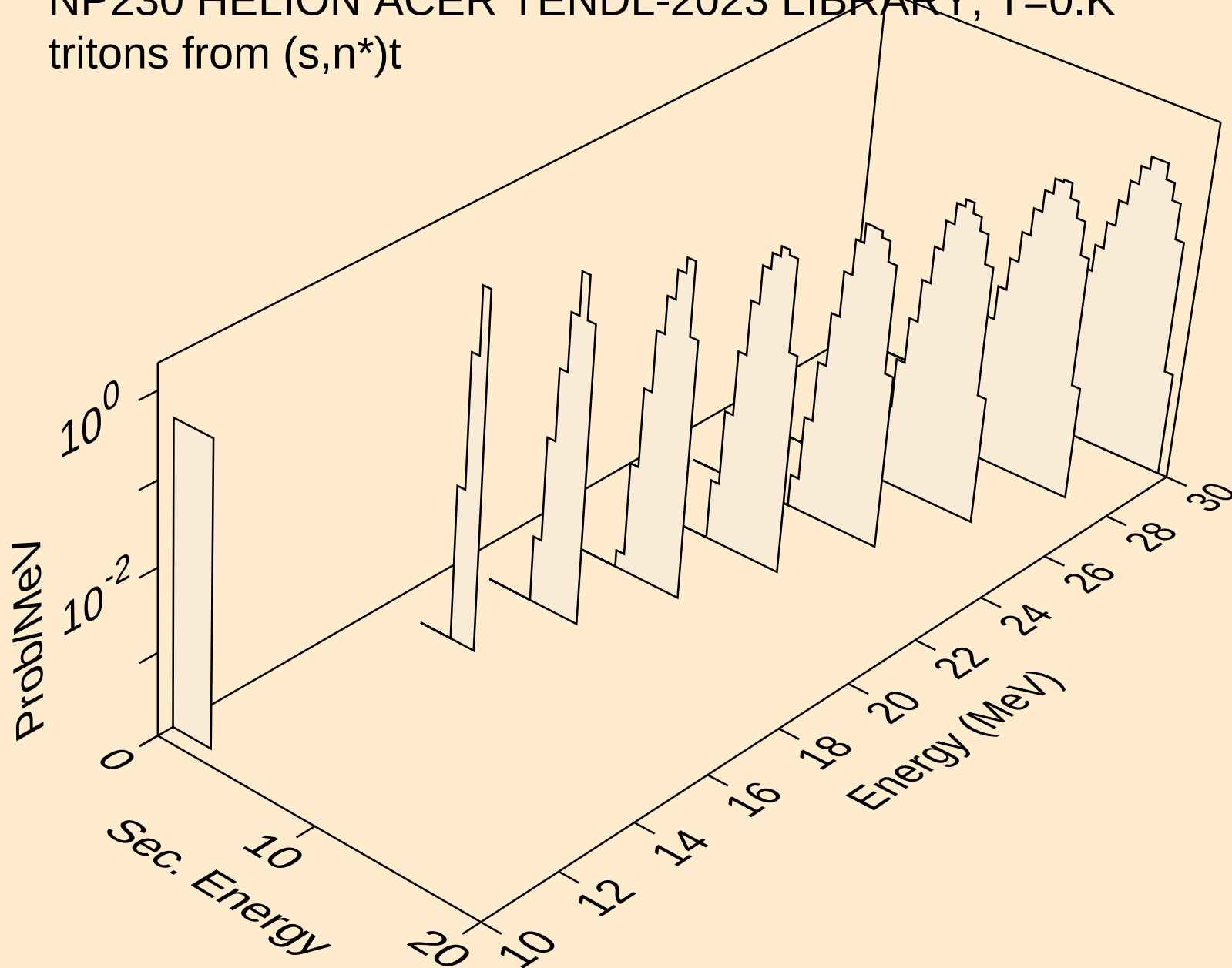
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deuterons from (s,pd)



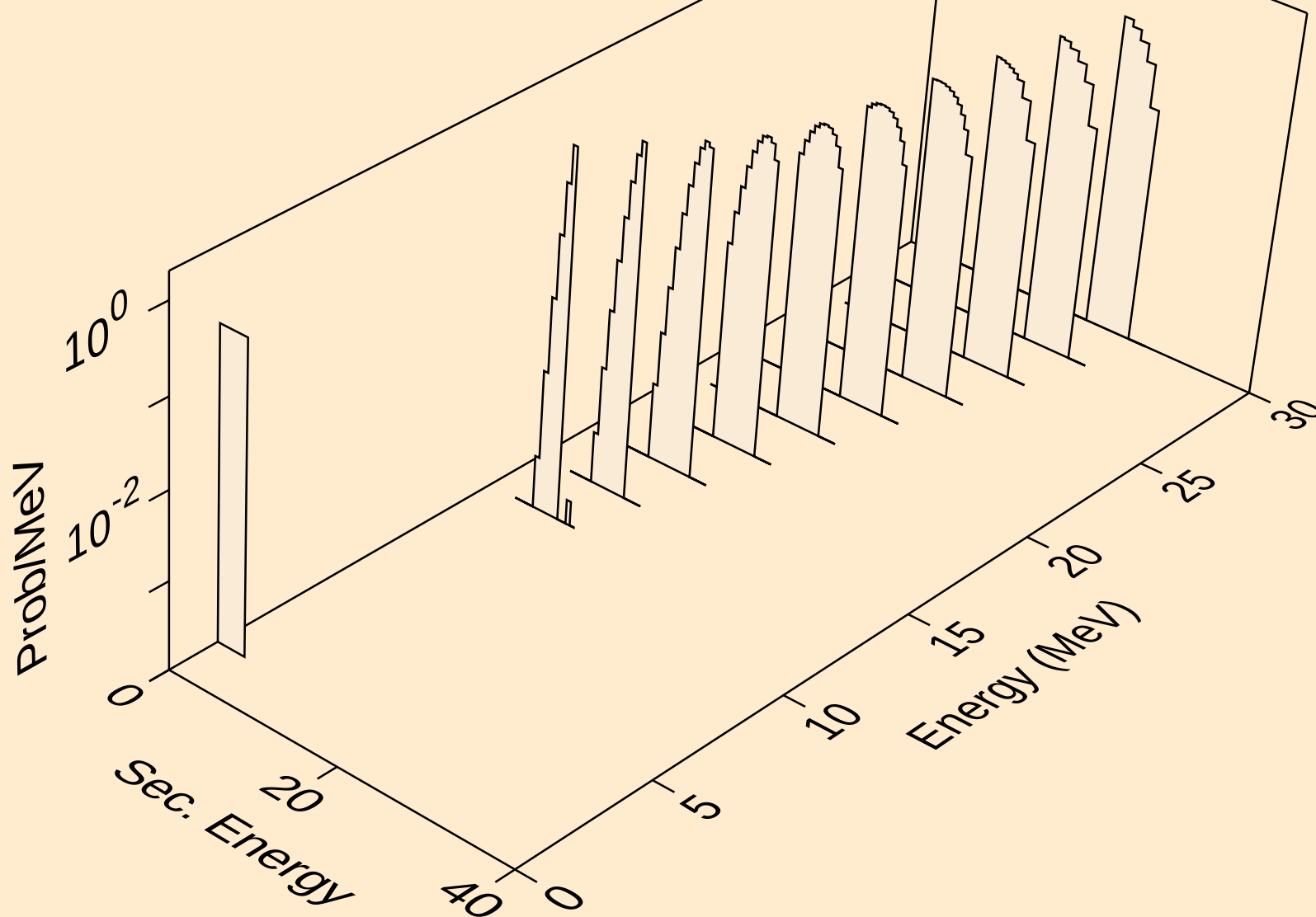
NP230 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,x)



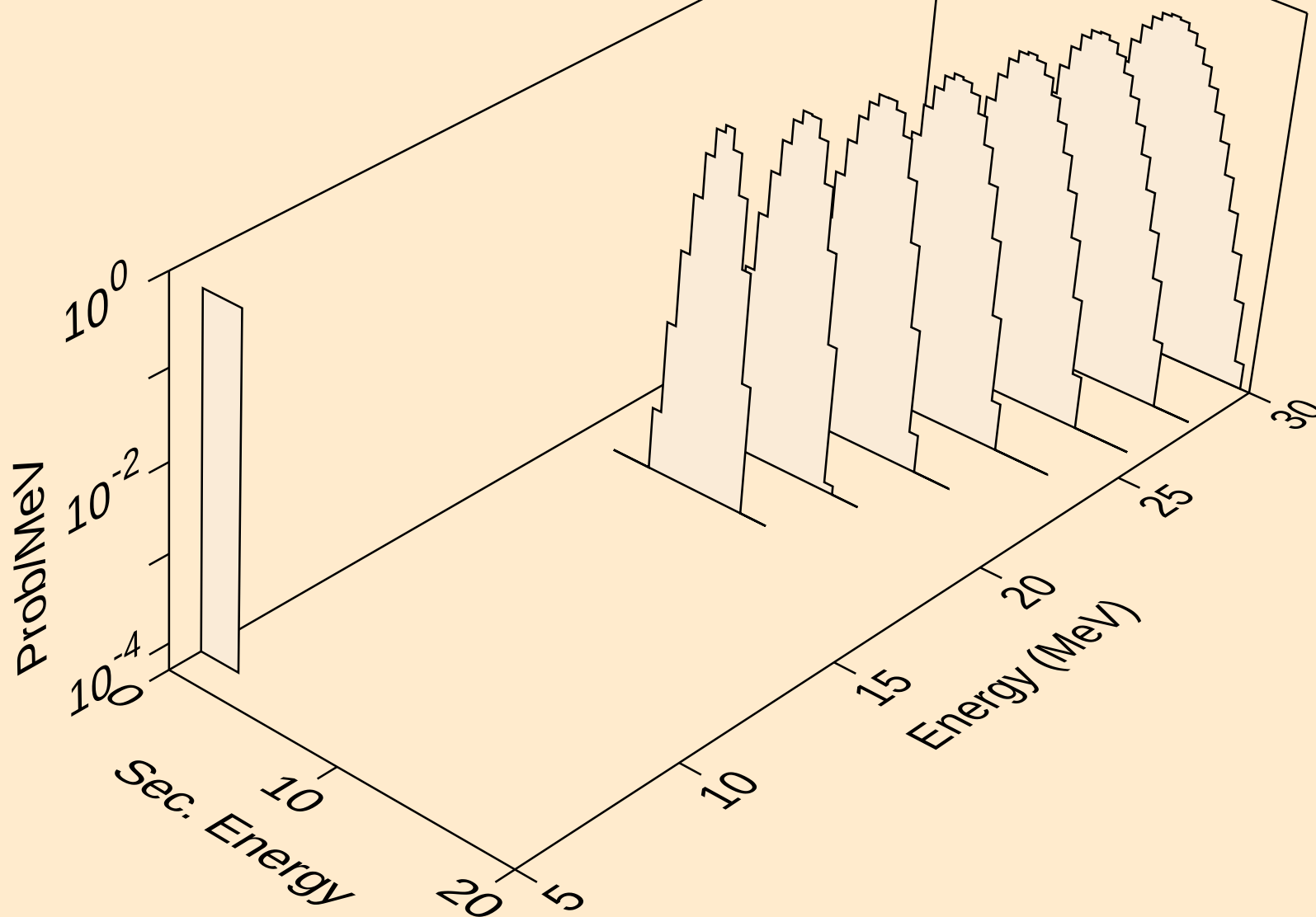
NP230 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,n\*)t



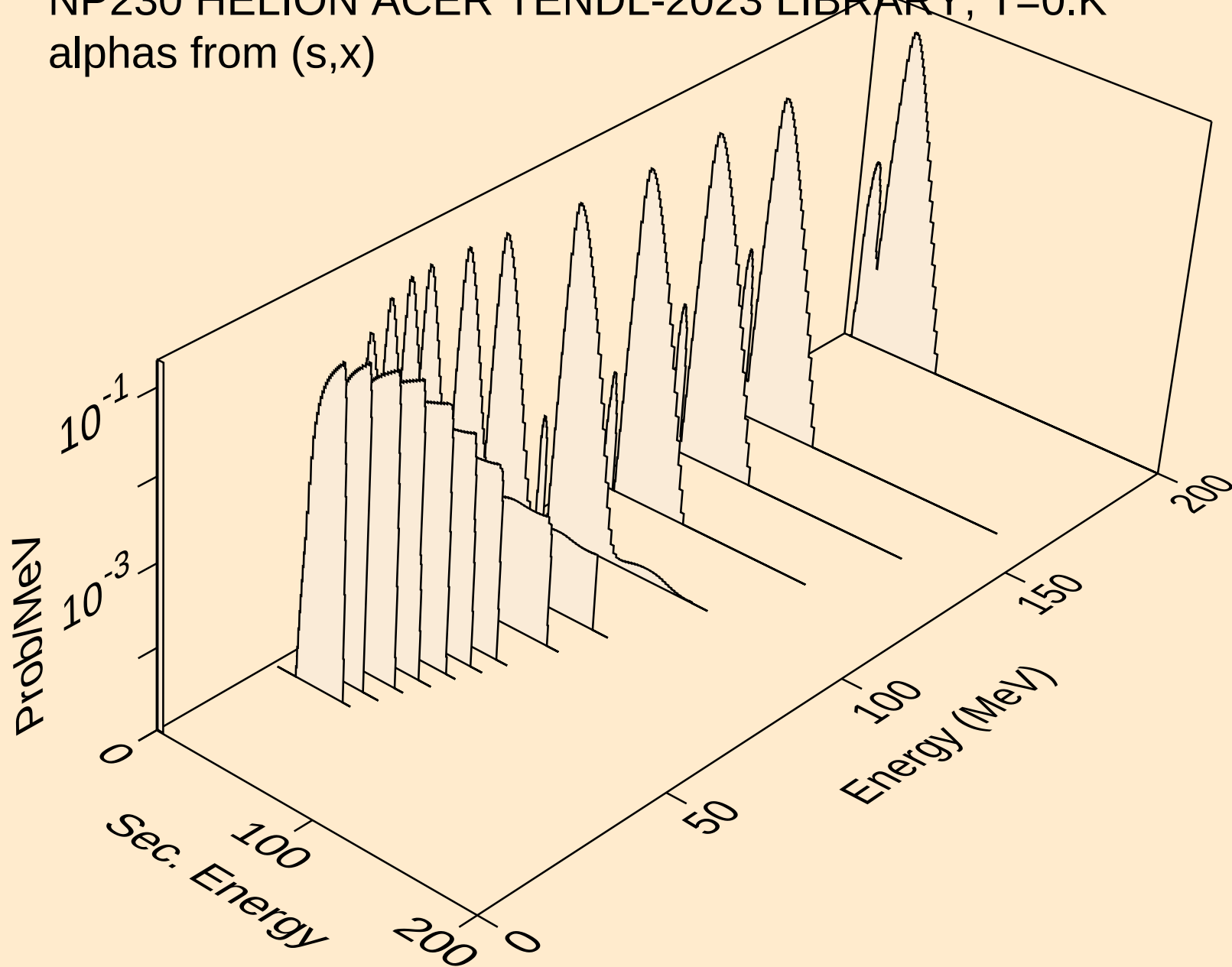
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tritons from (s,t)



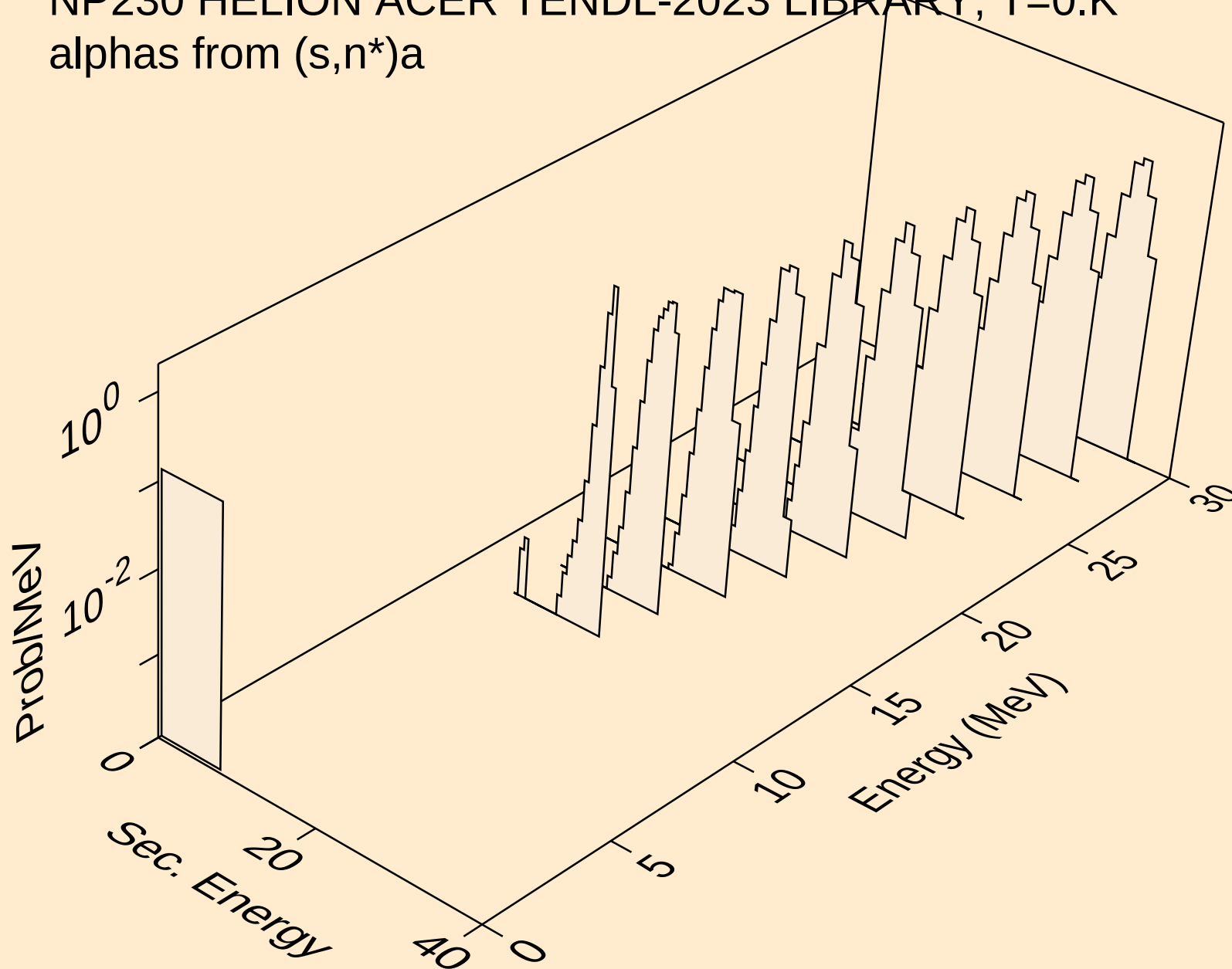
NP230 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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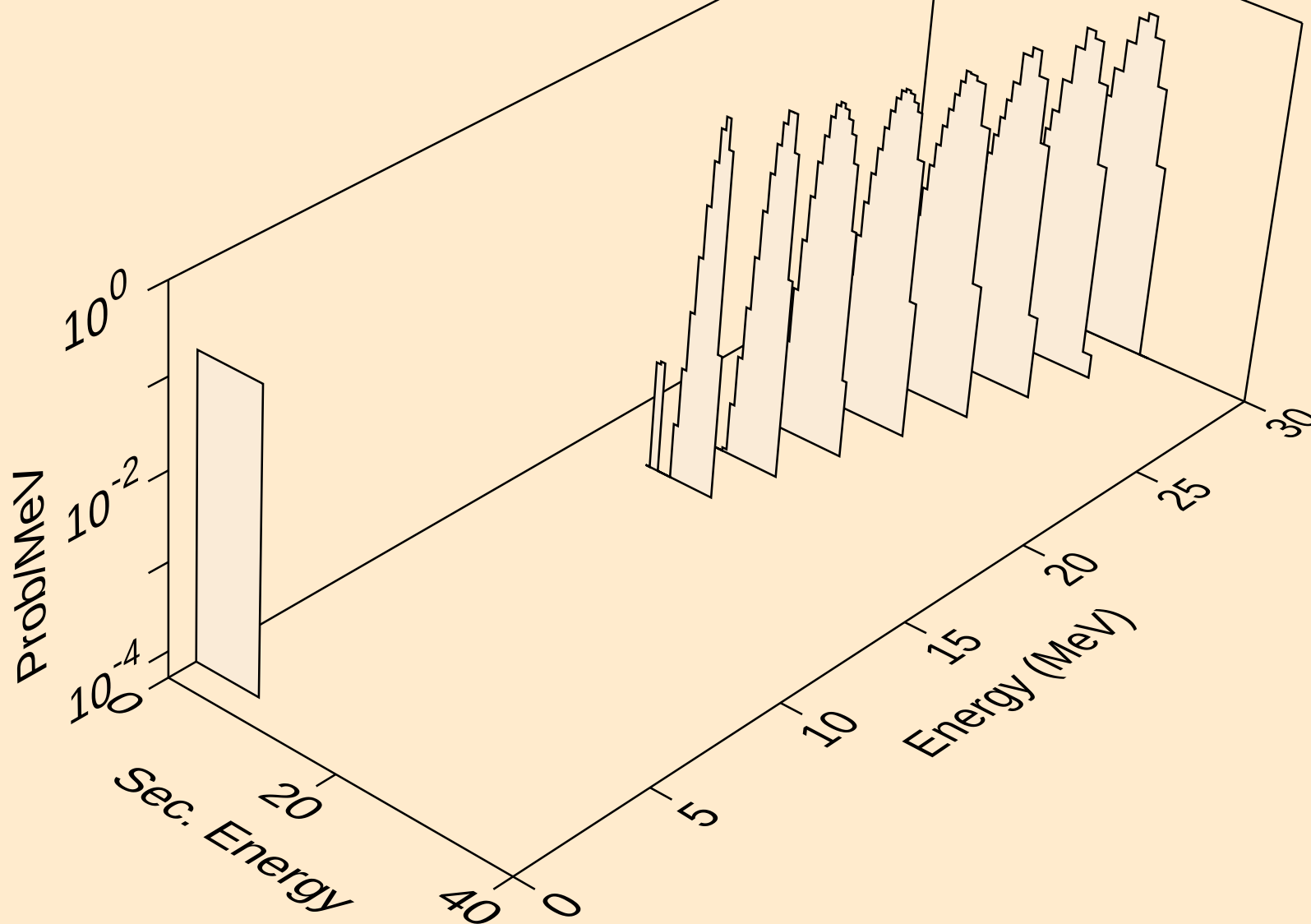
NP230 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,x)



NP230 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)a



NP230 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2n)a



NP230 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,a)

