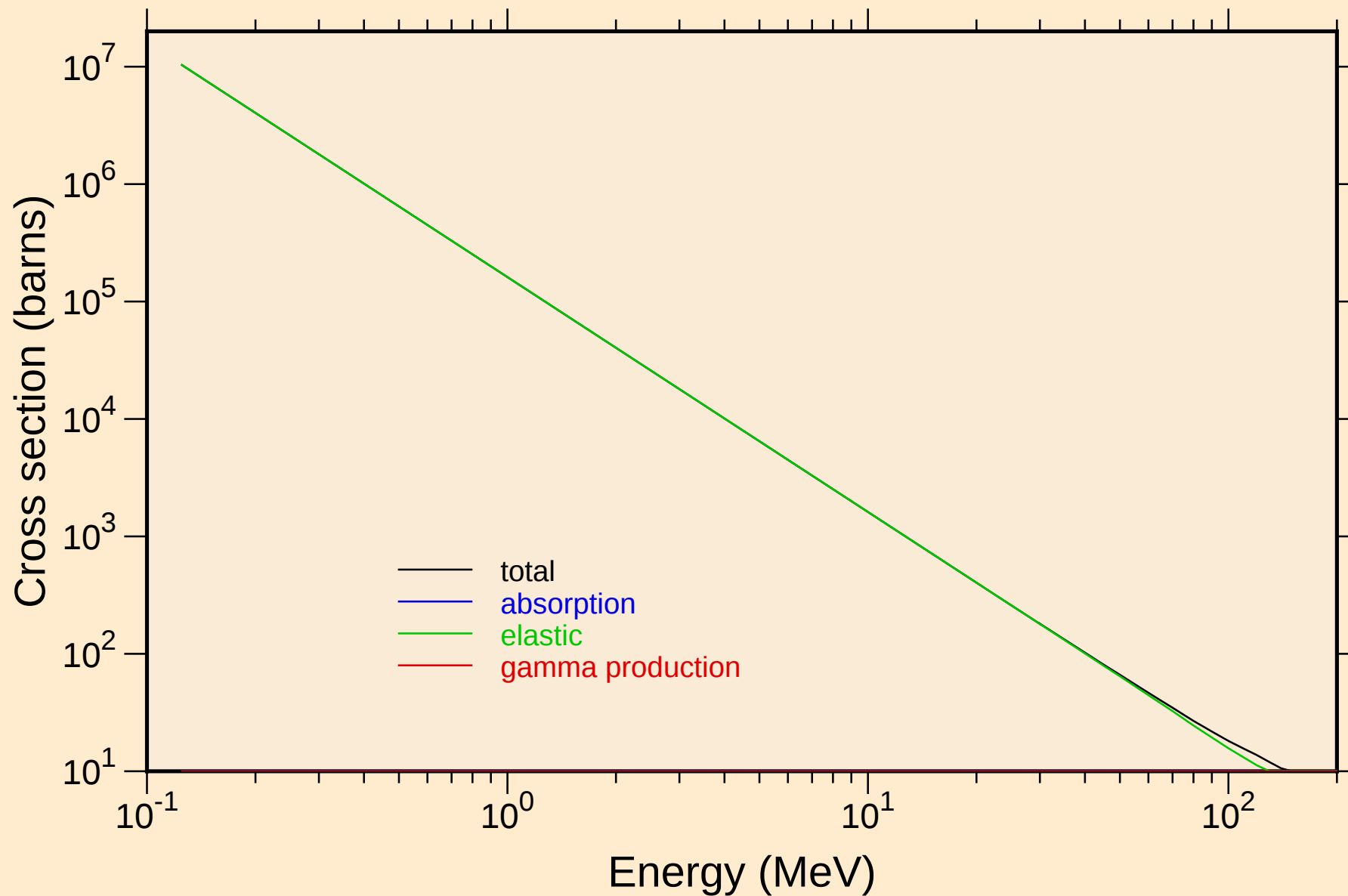


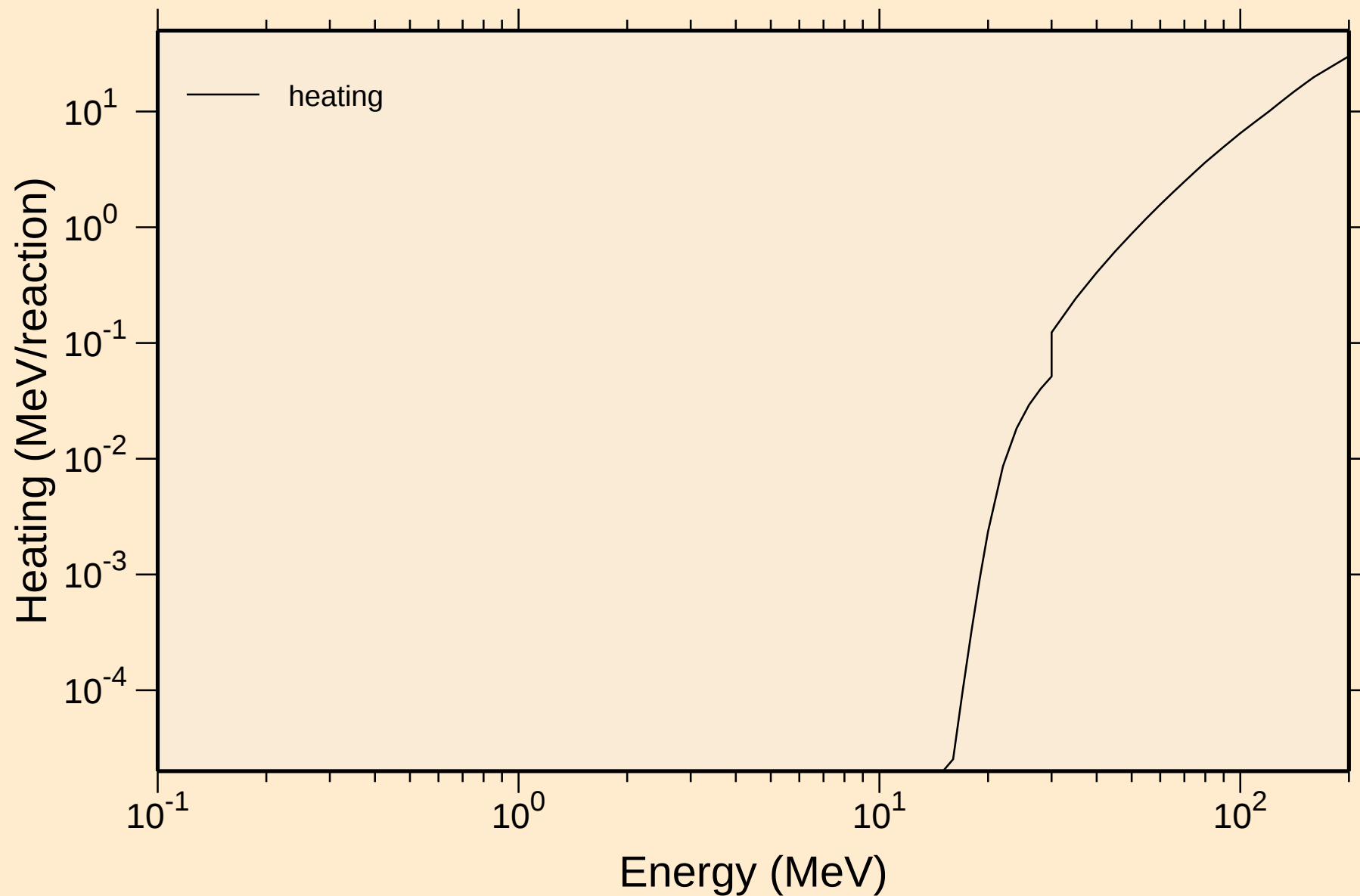
# HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



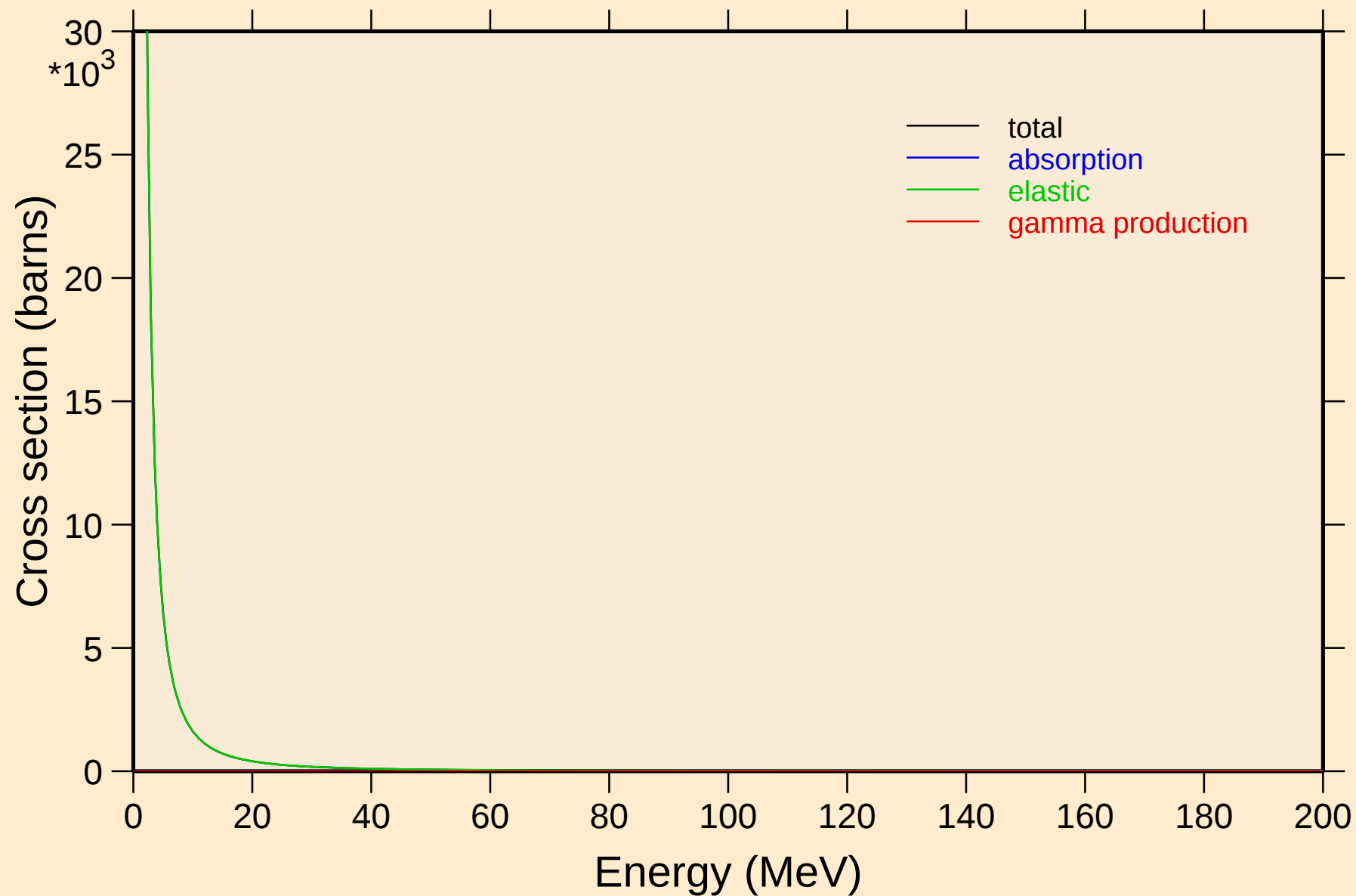
# HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K

Heating



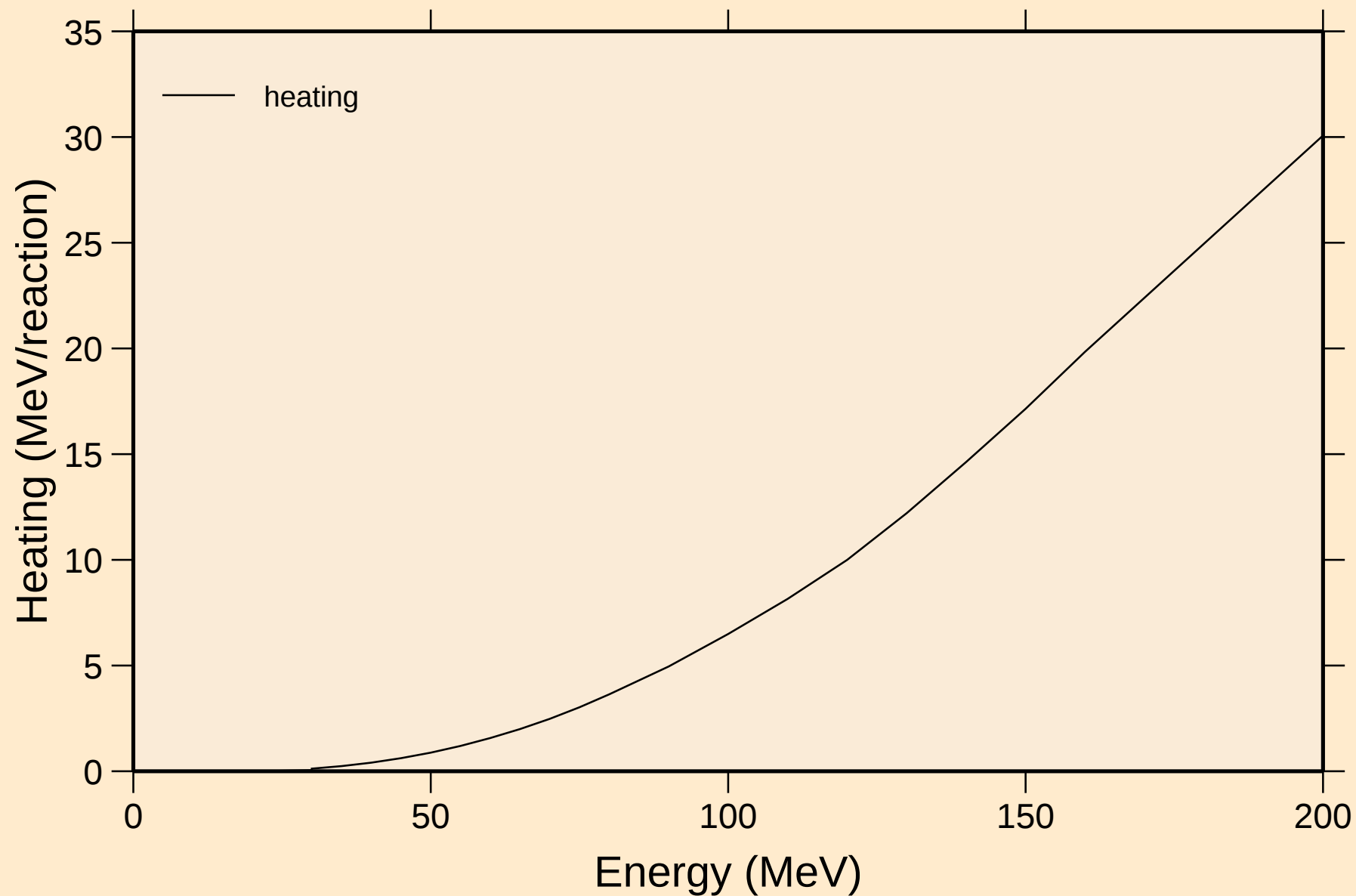
# HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



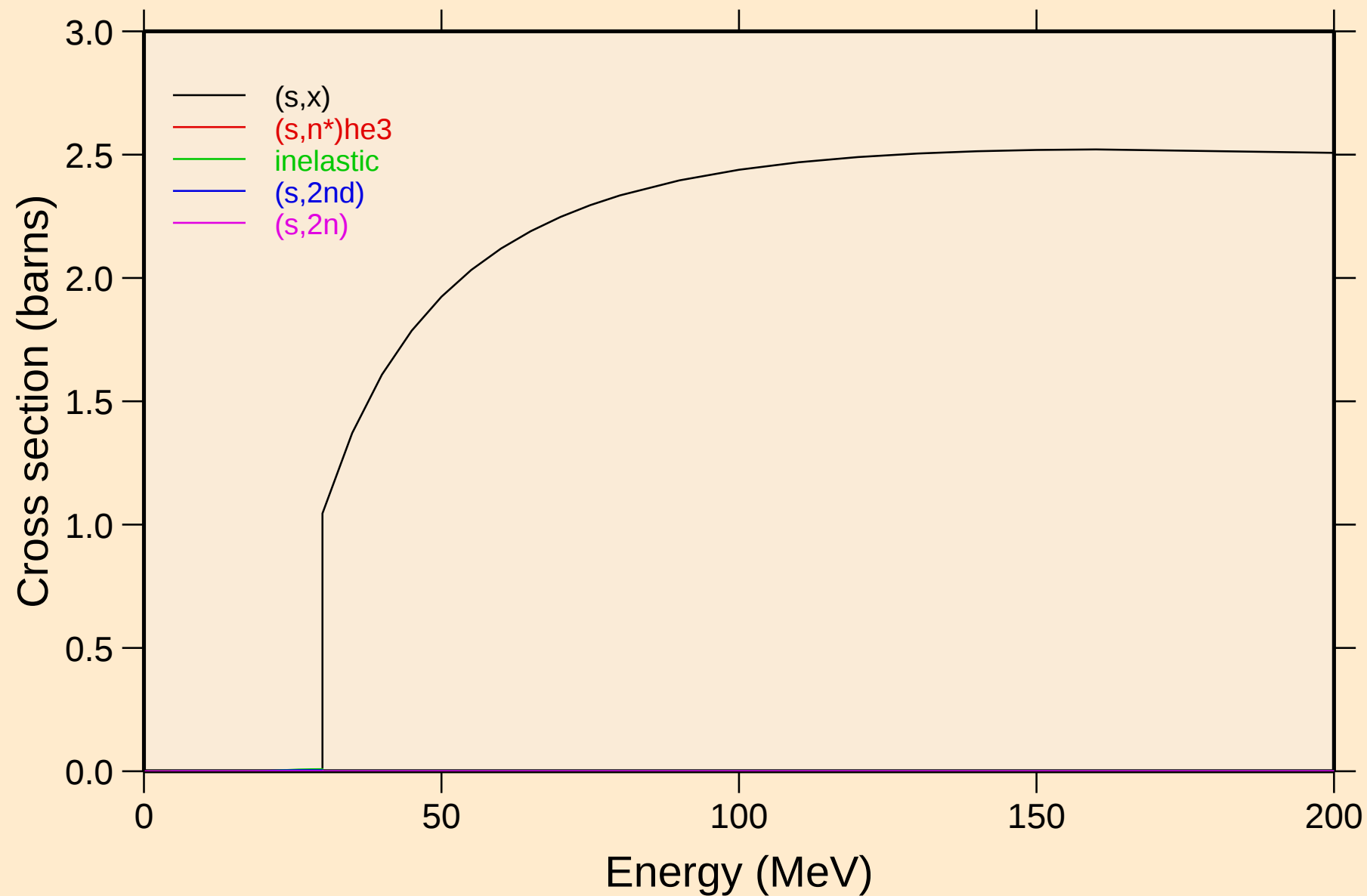
# HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K

Heating



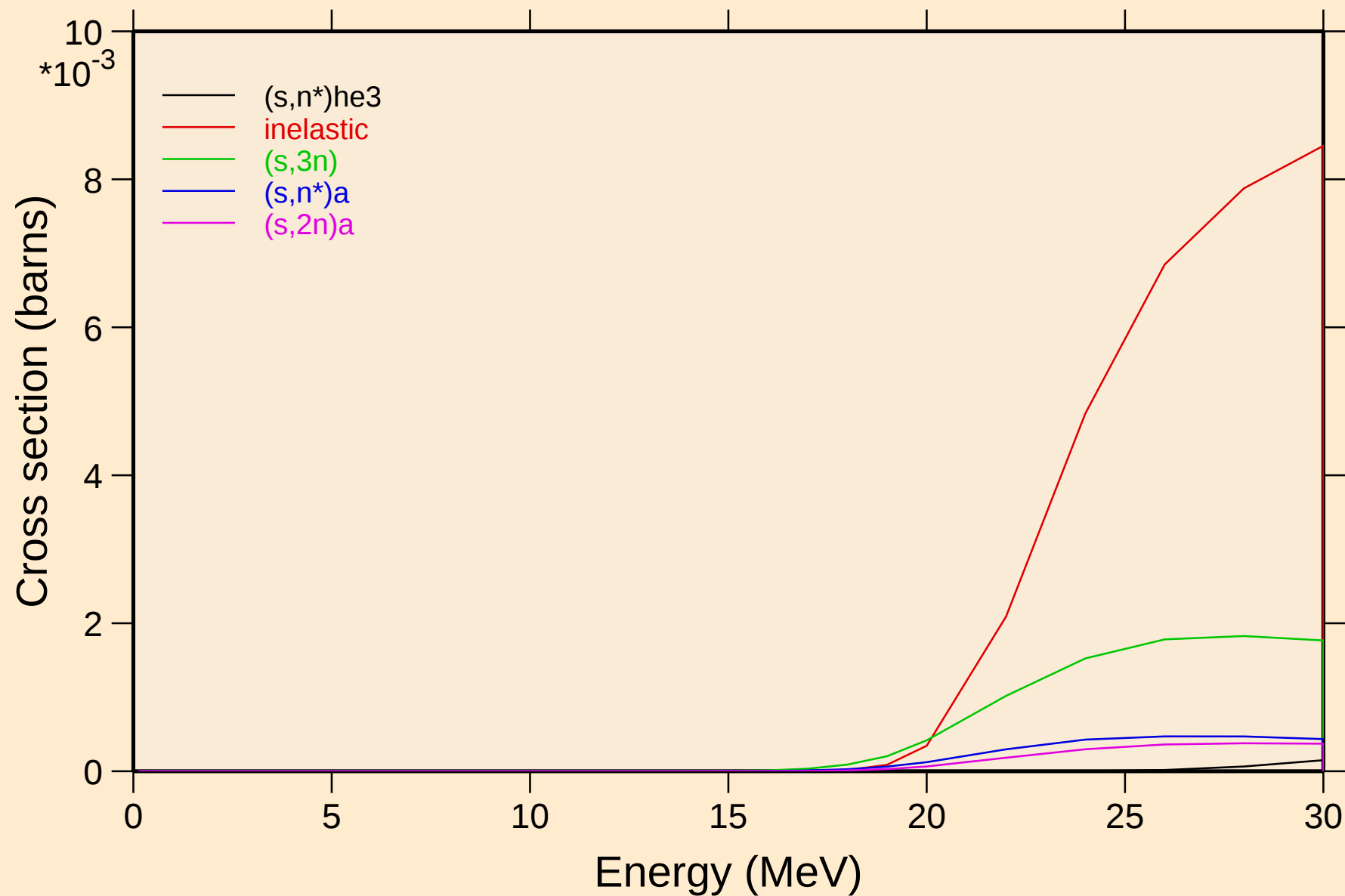
# HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



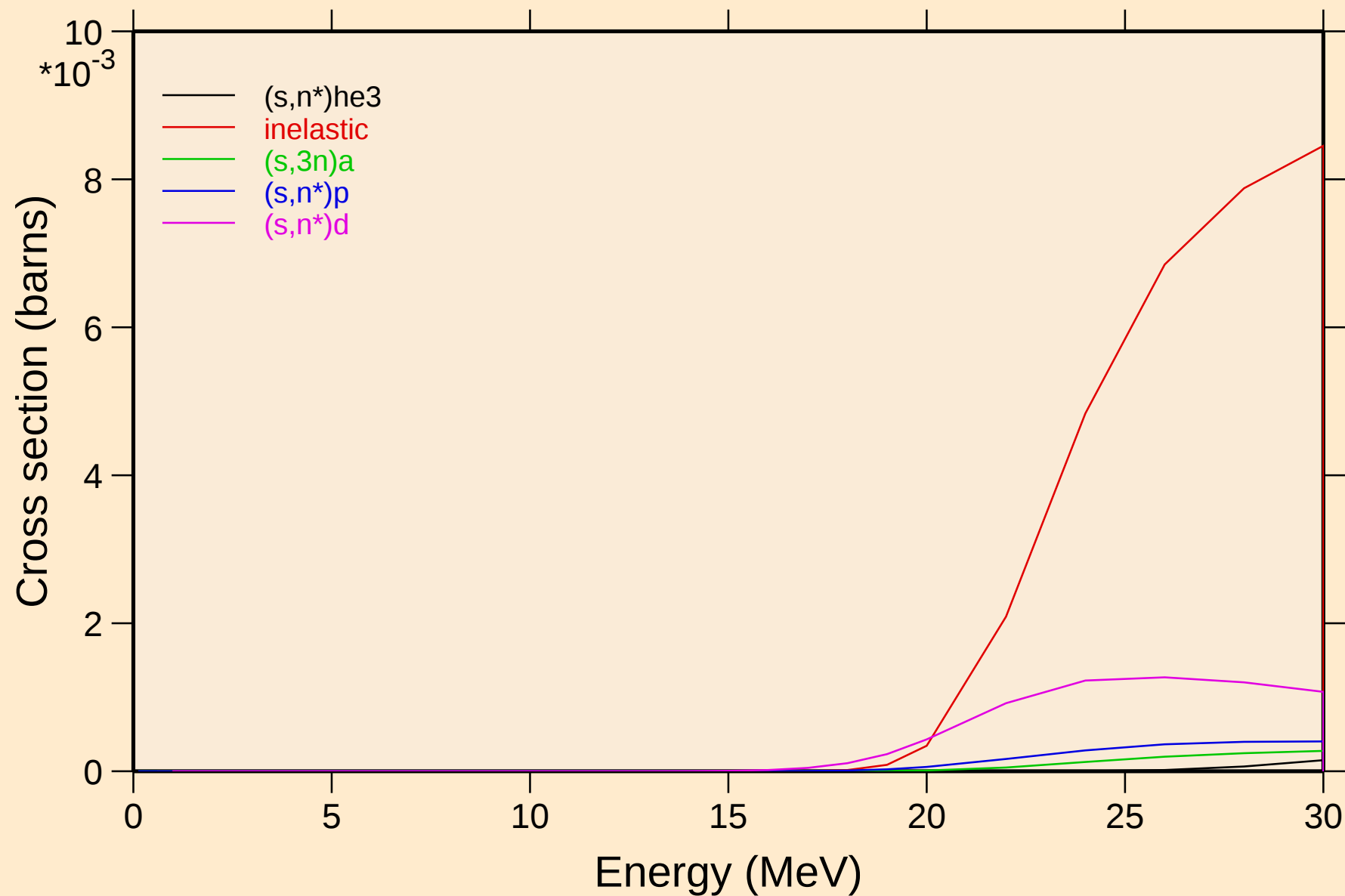
# HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



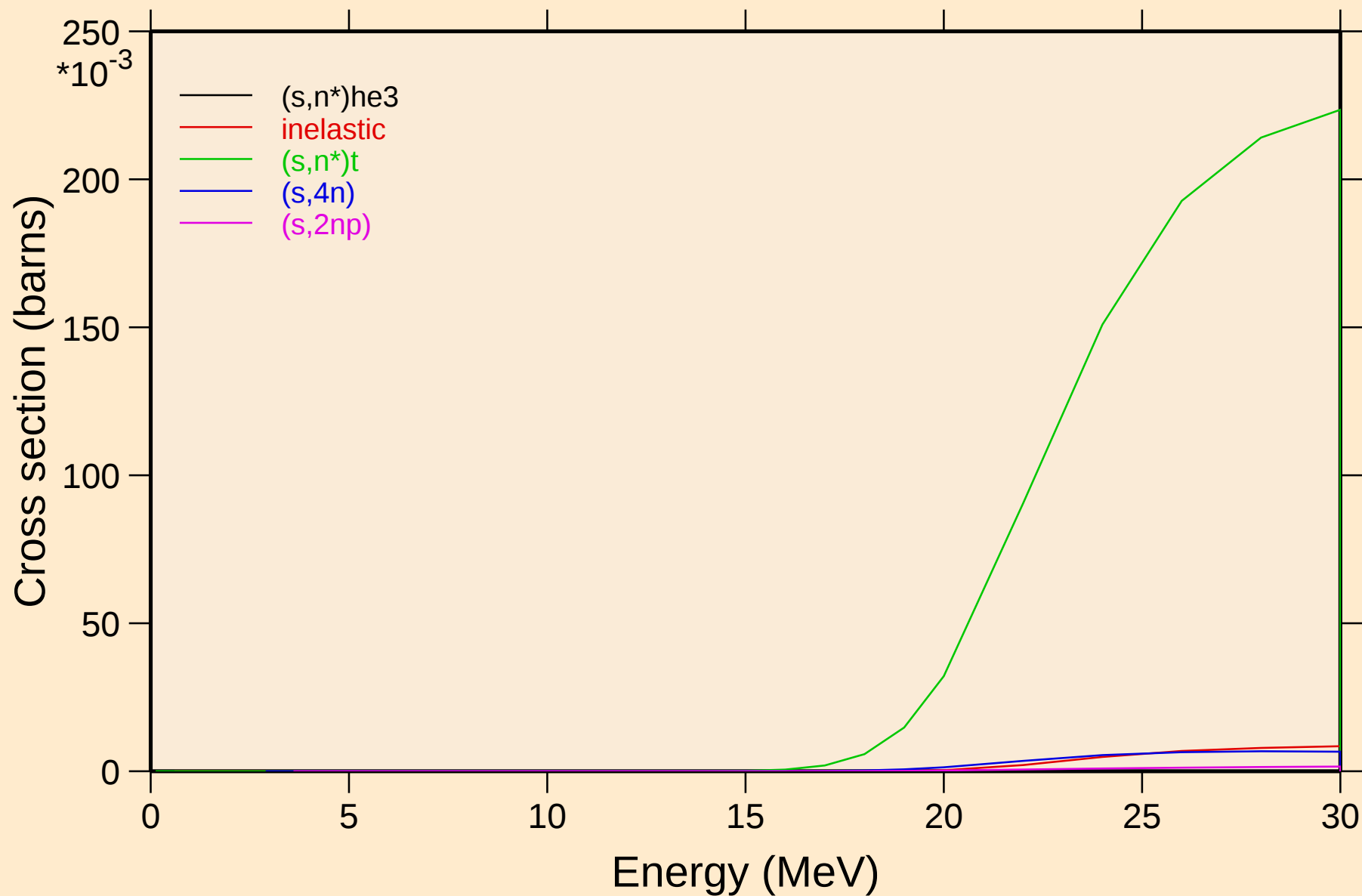
# HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



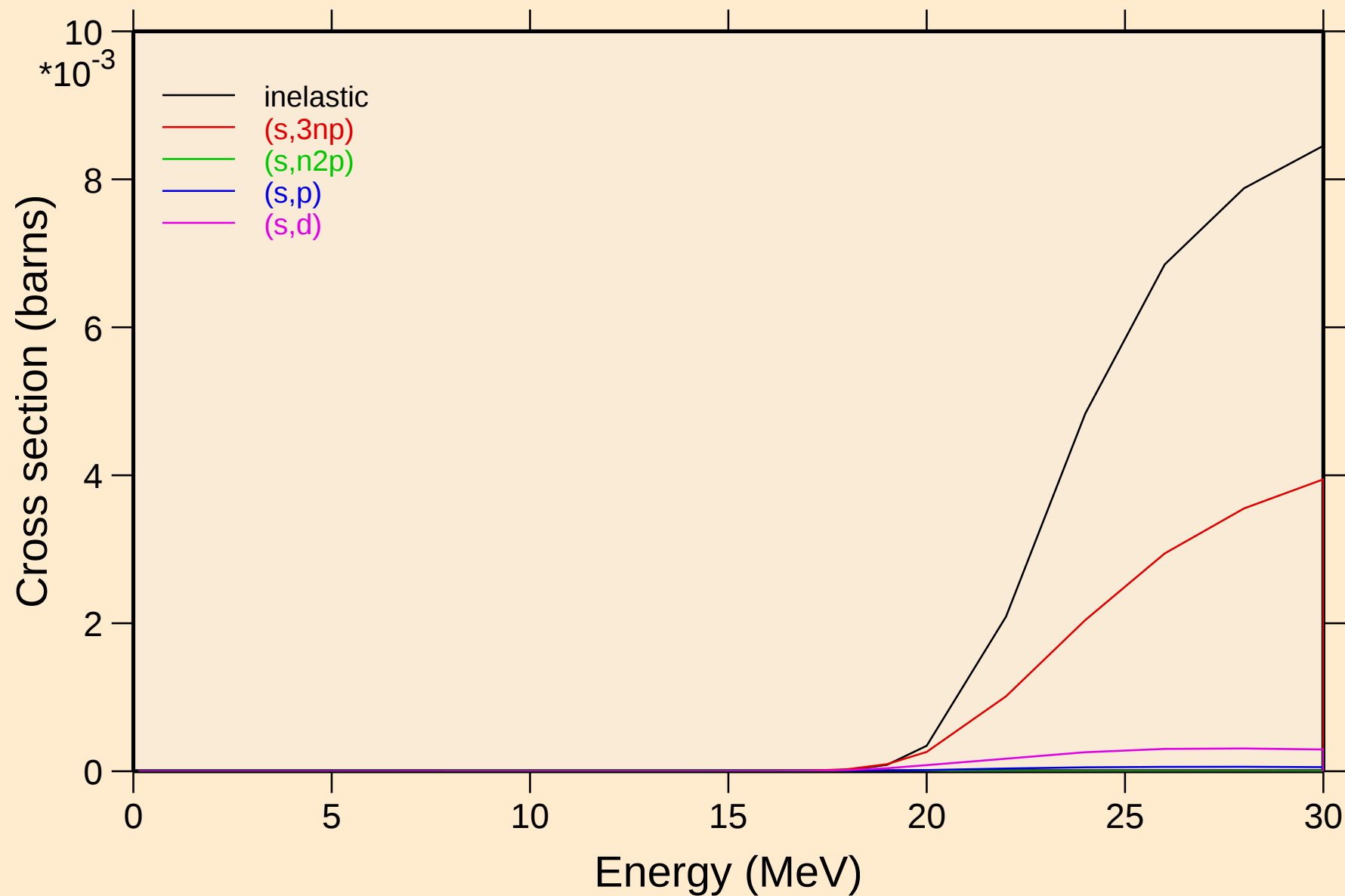
# HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



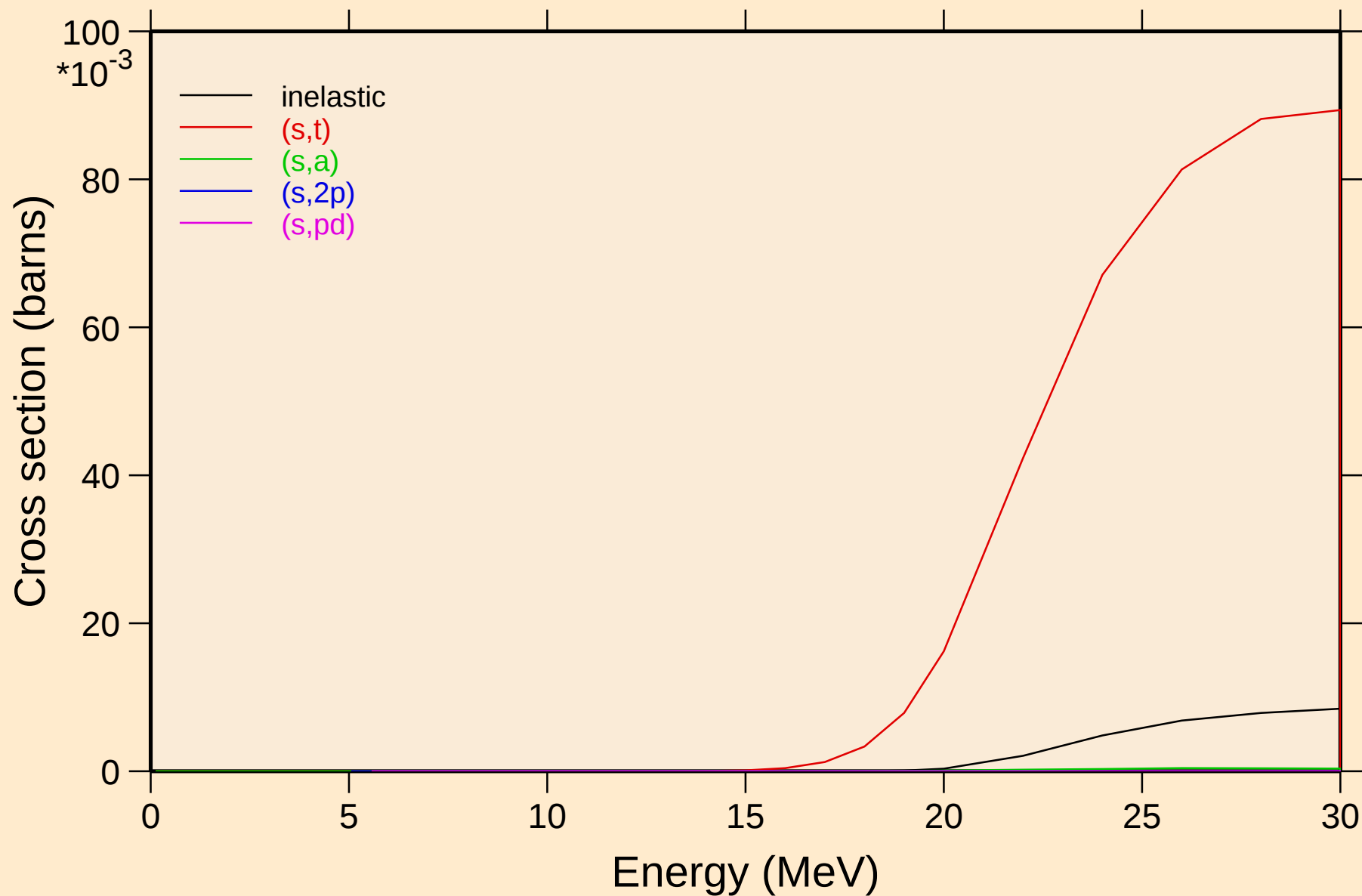
# HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

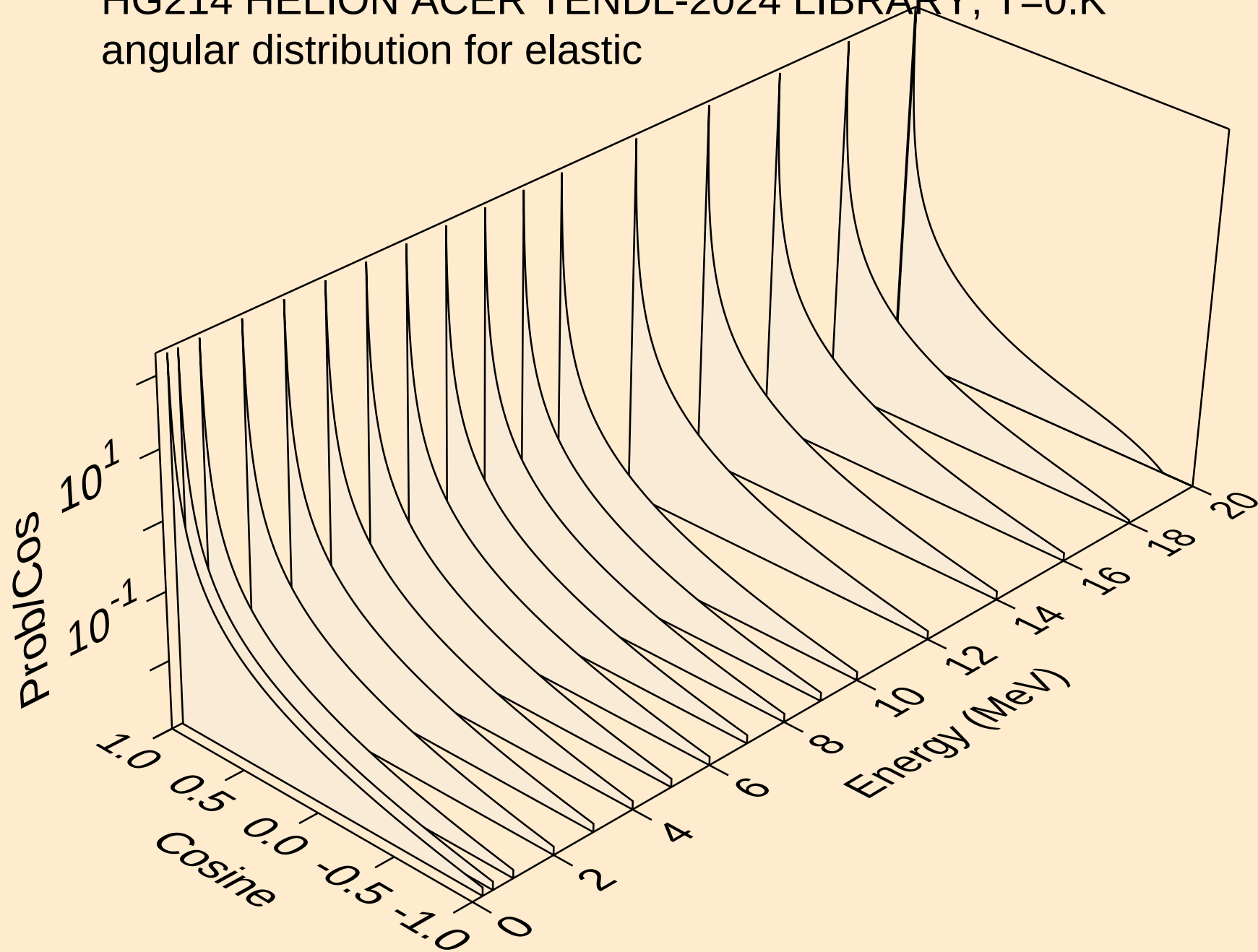


# HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K

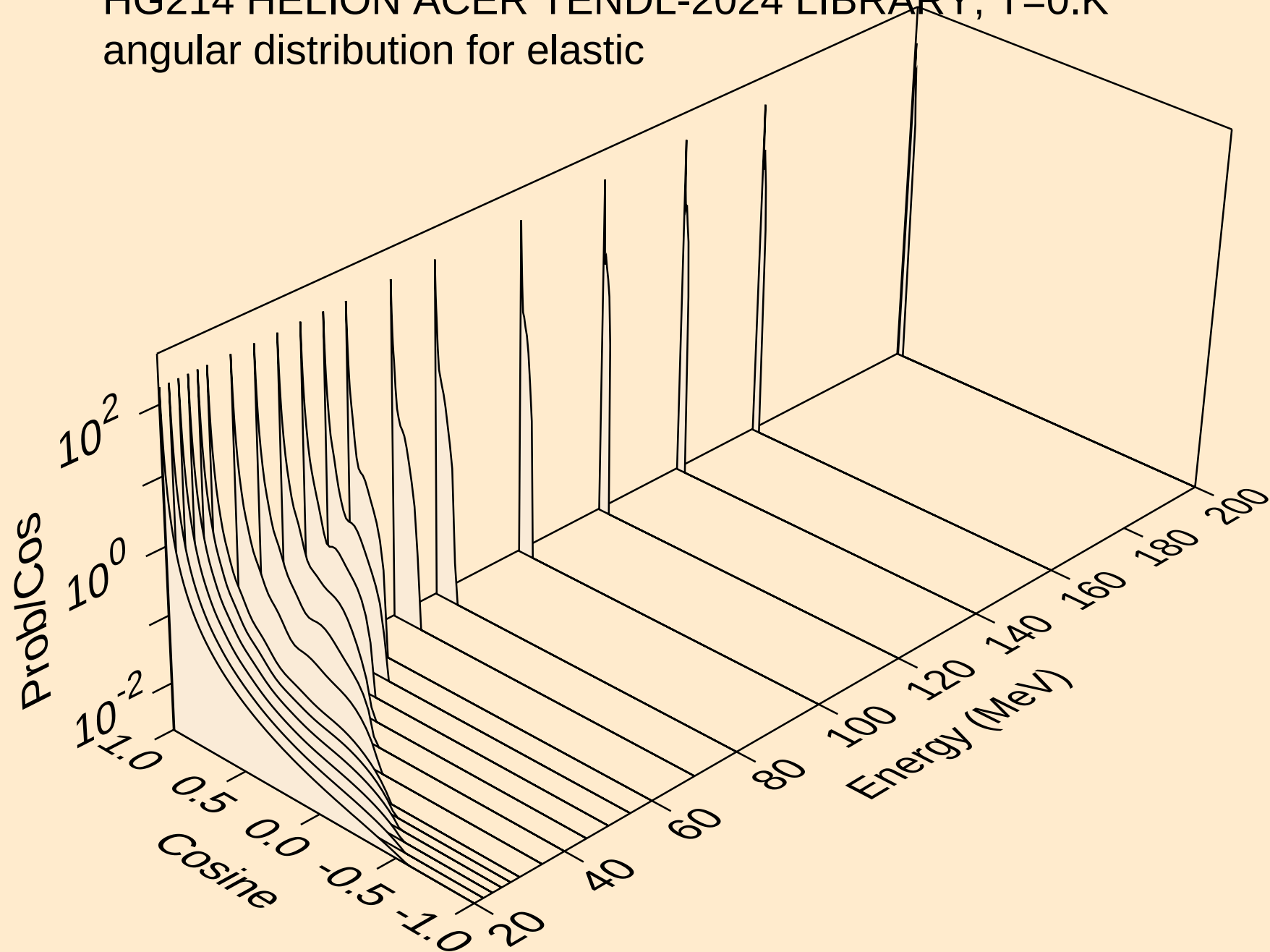
## Threshold reactions



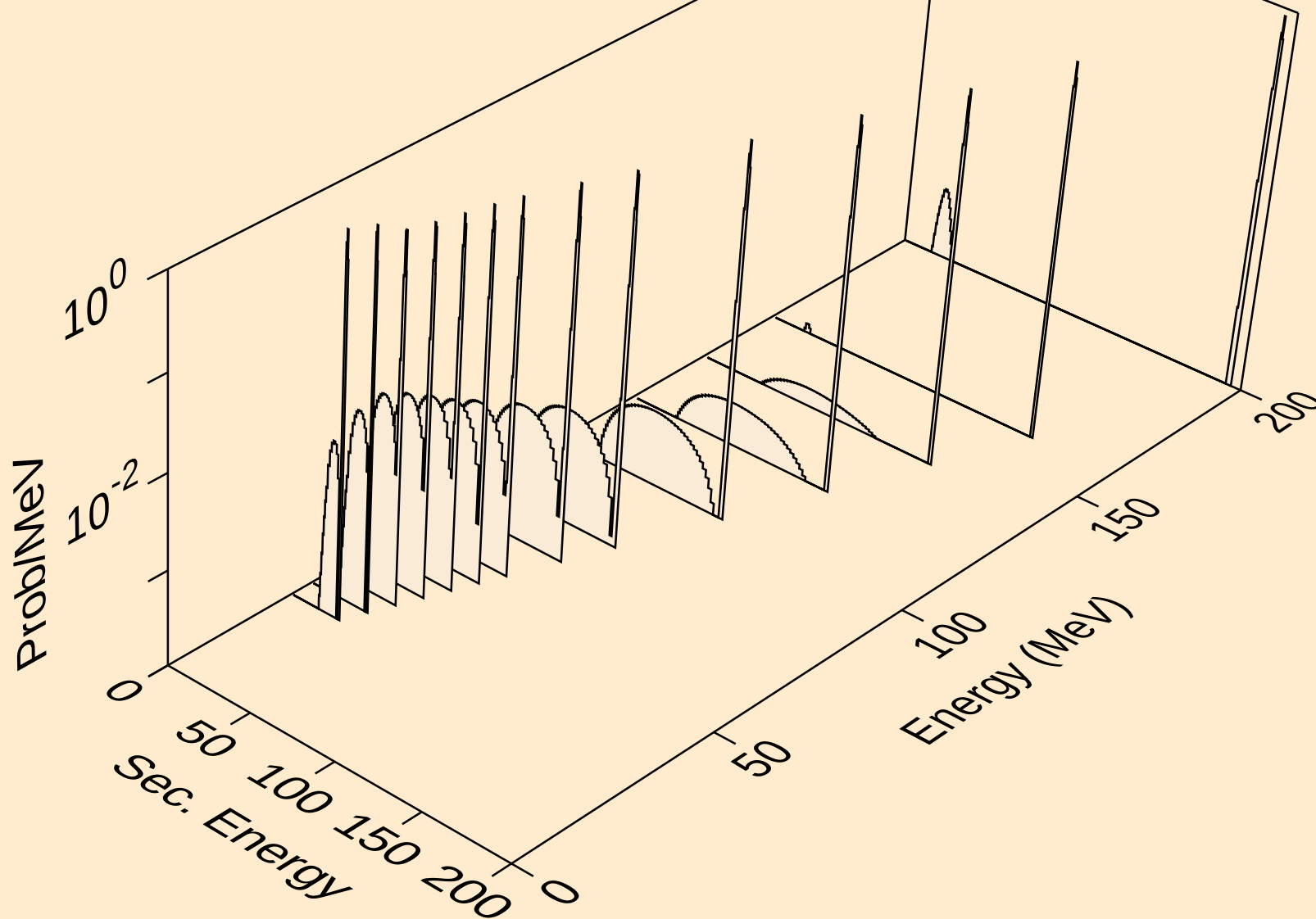
HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



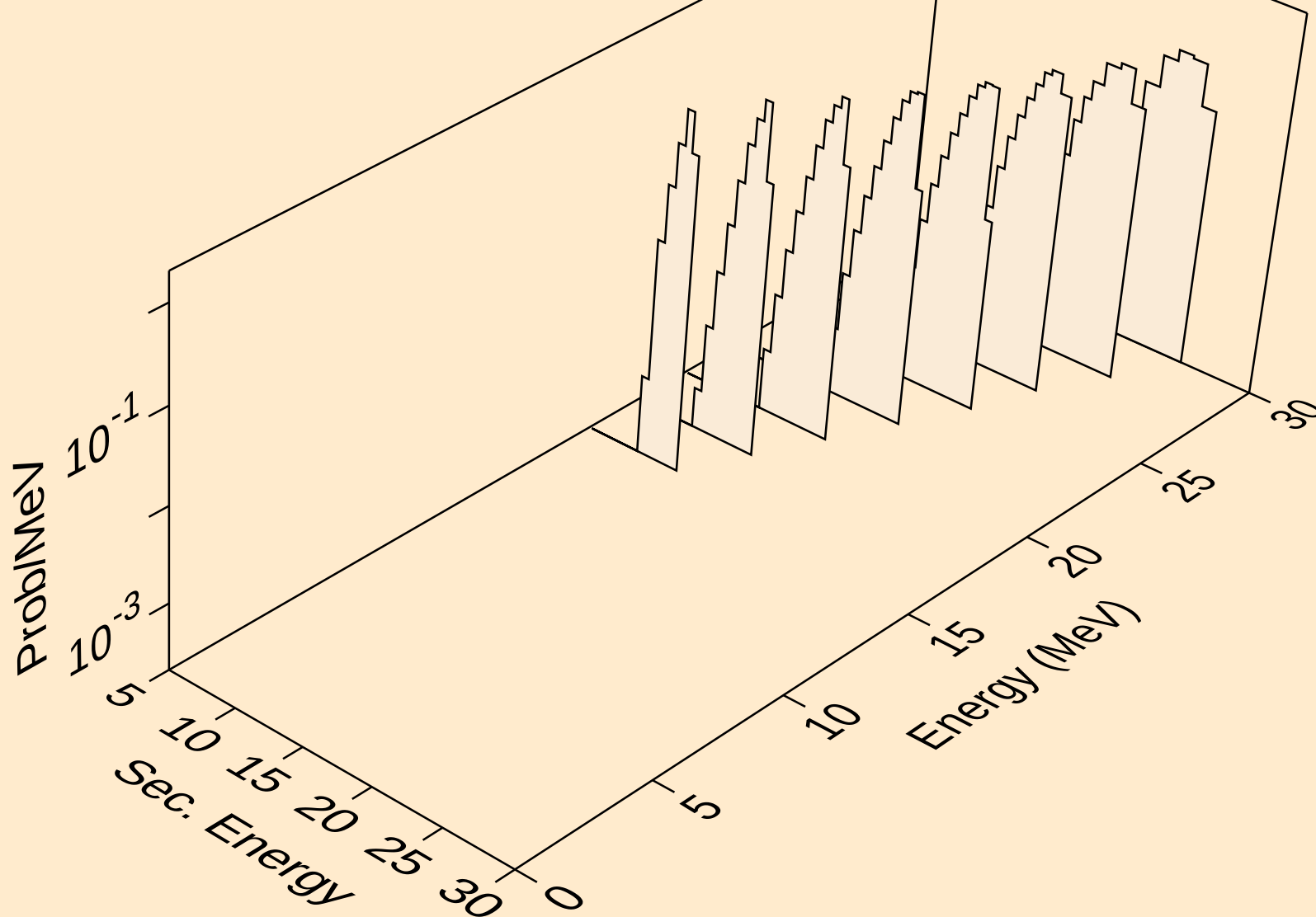
HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



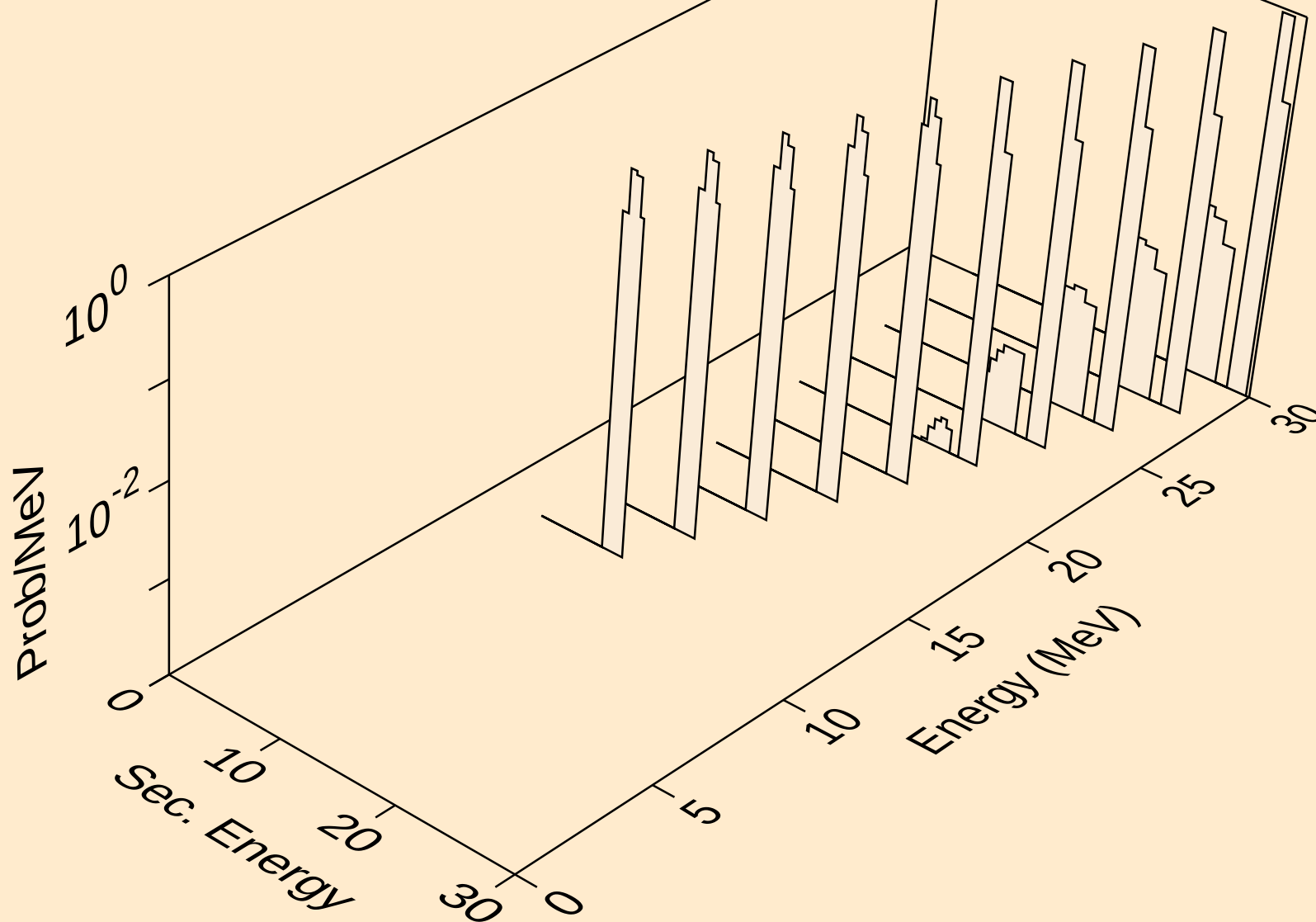
HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for (s,x)



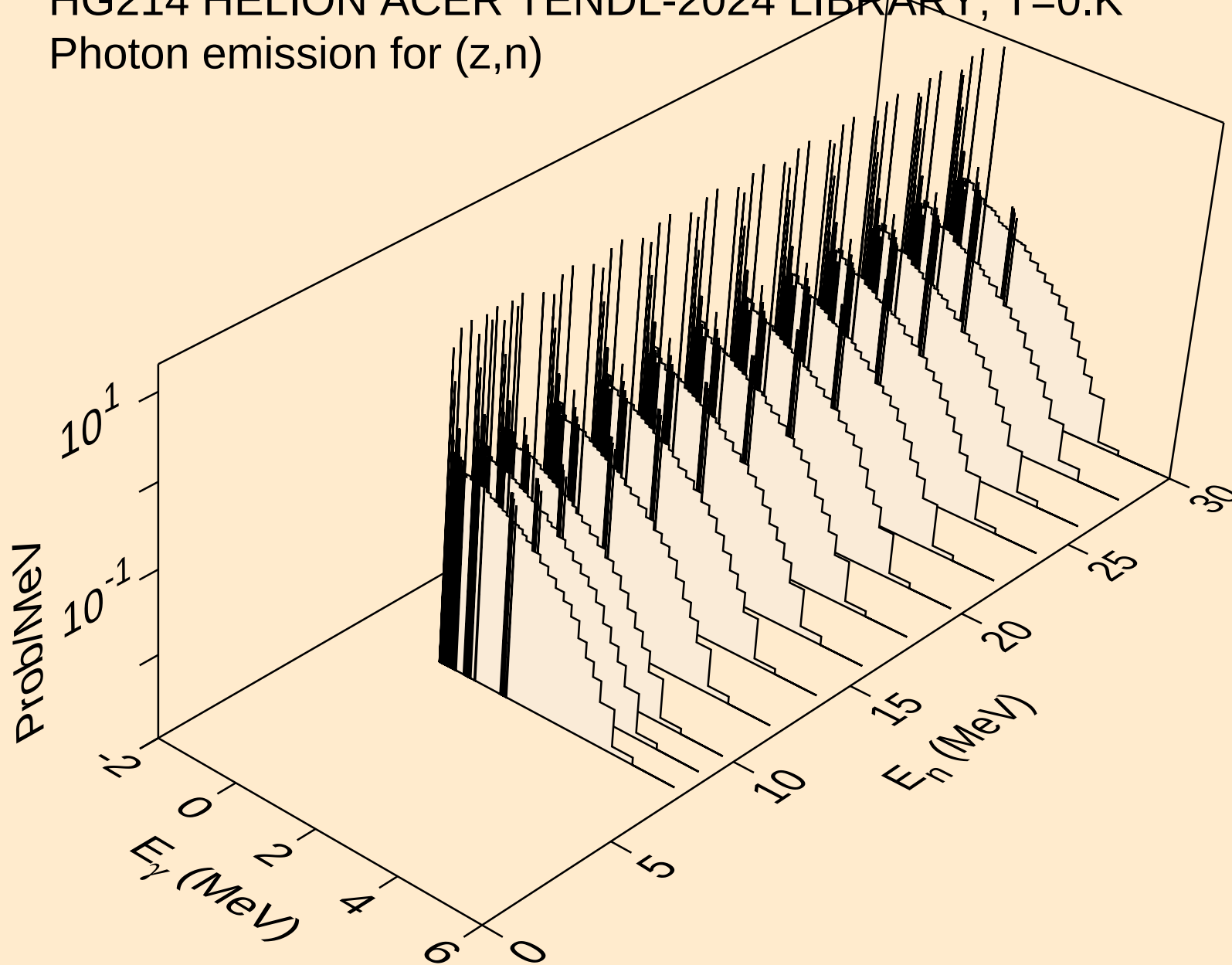
HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3



HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for inelastic

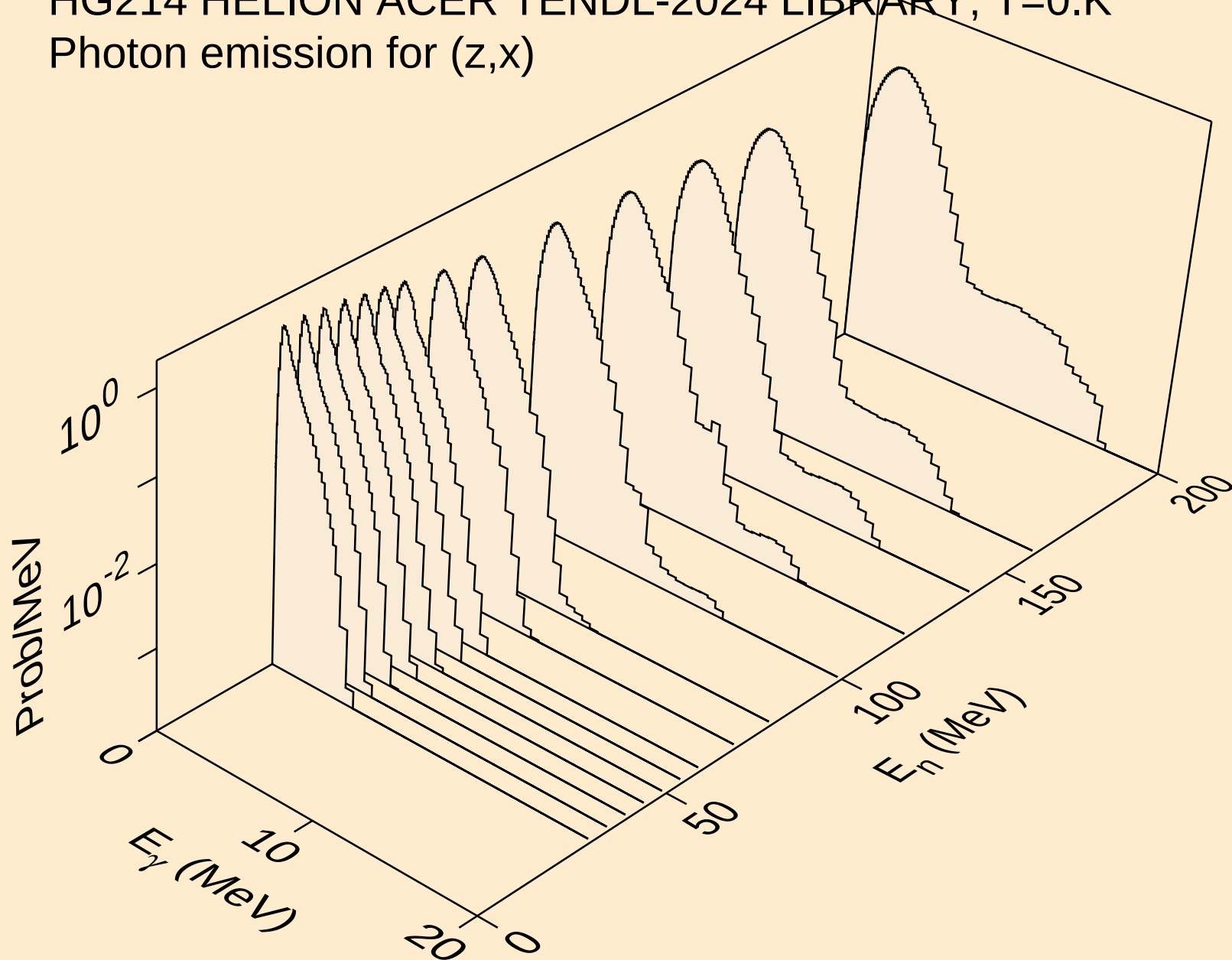


HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,n)

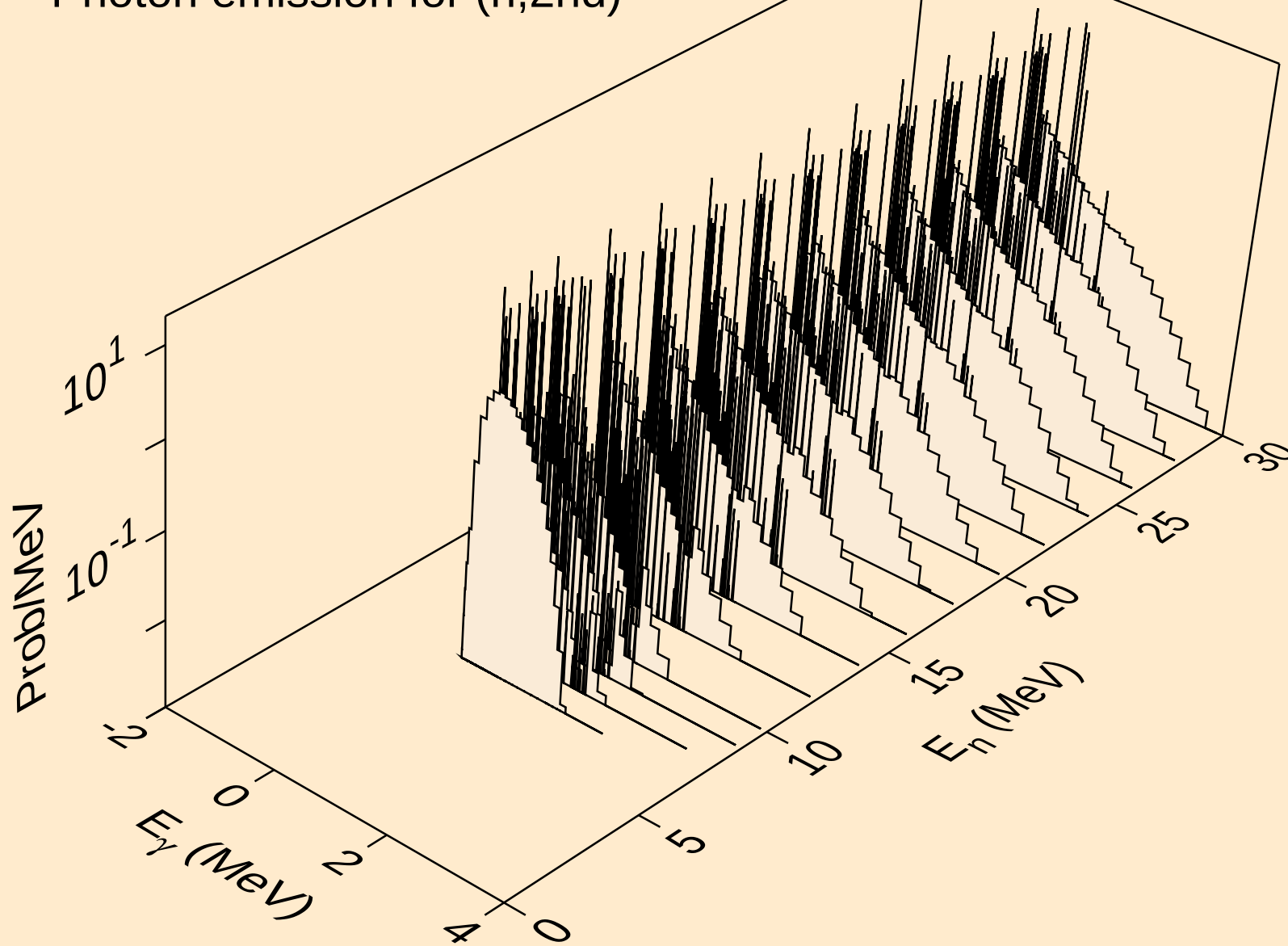


HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K

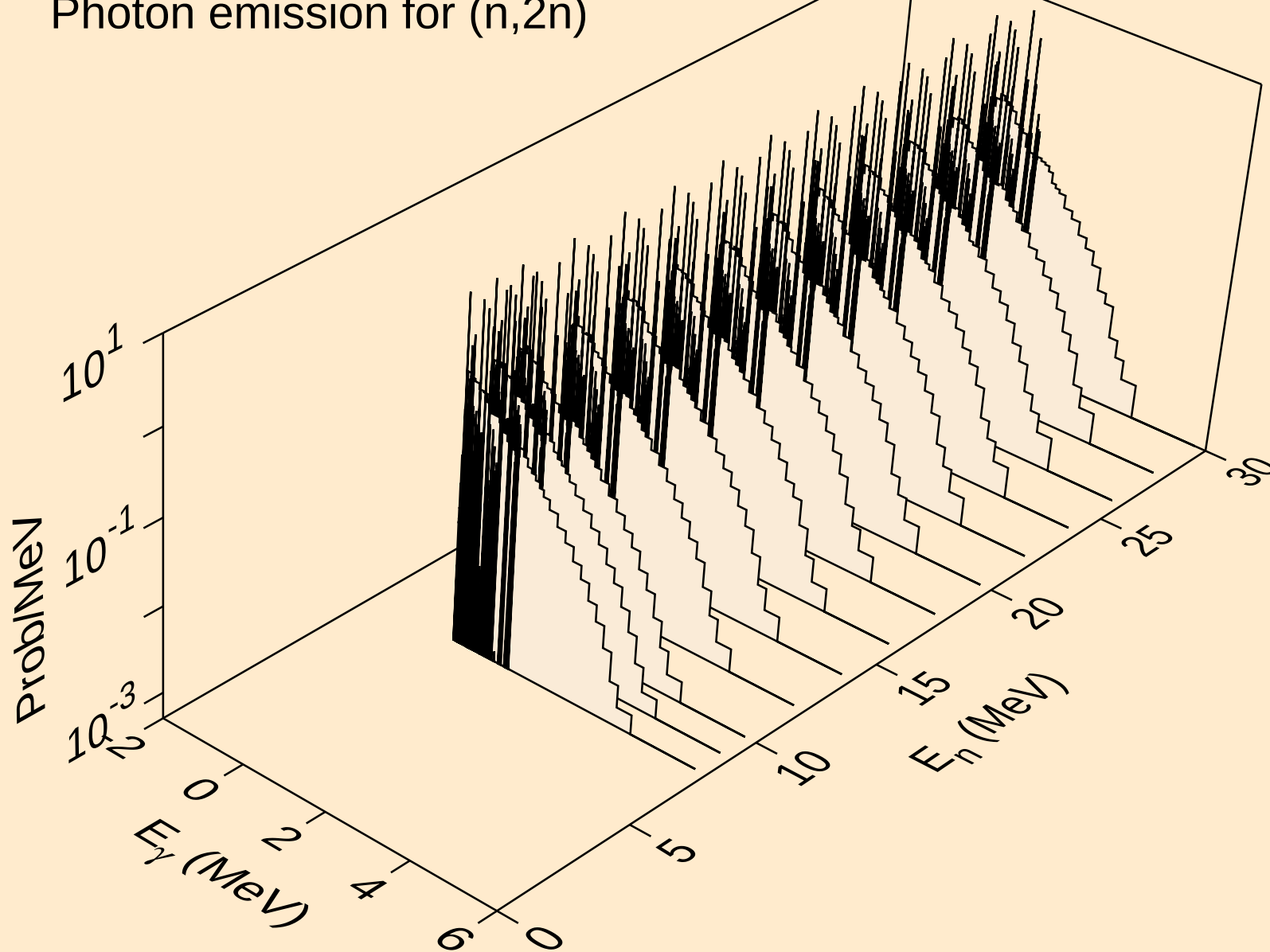
Photon emission for (z,x)



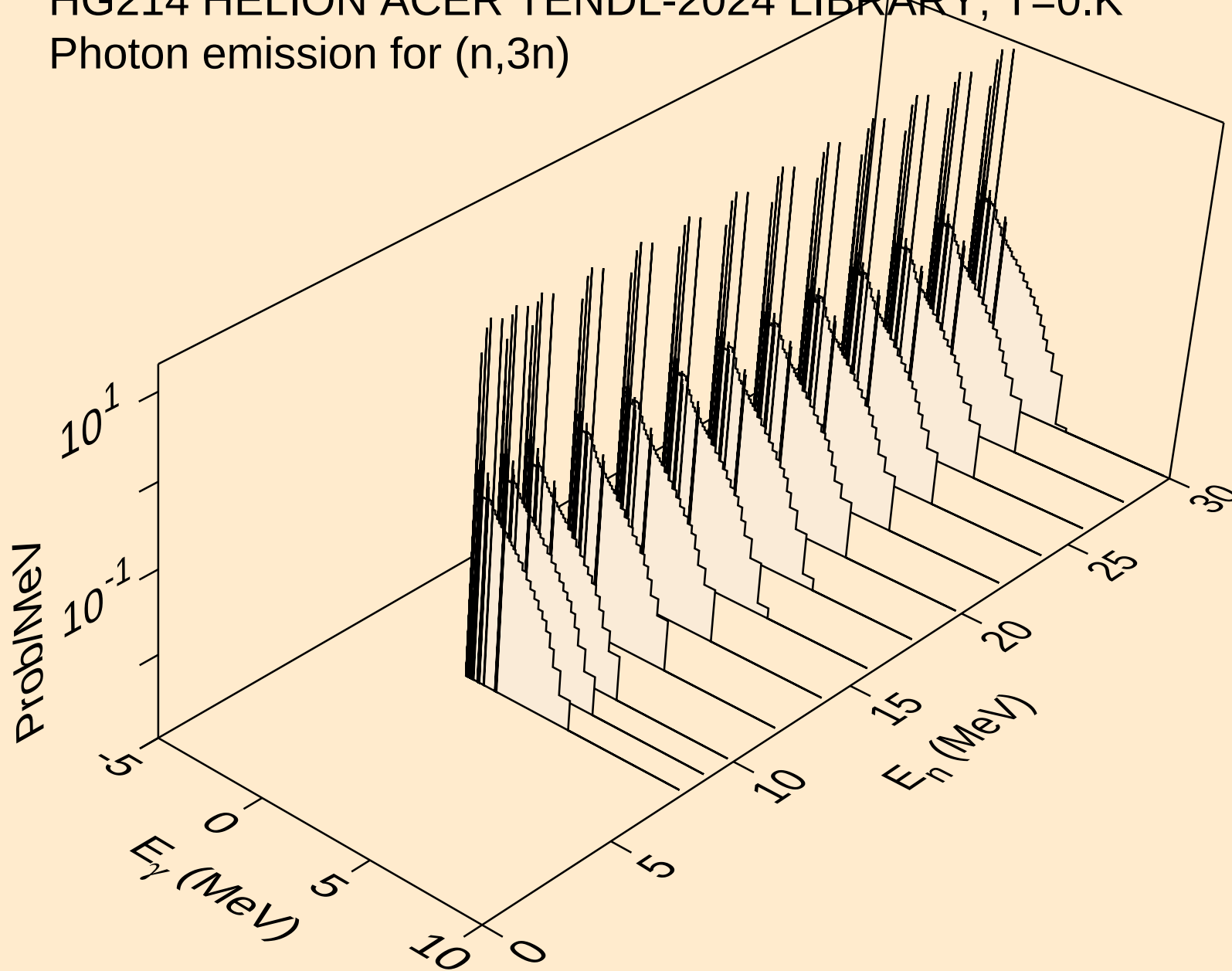
HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)

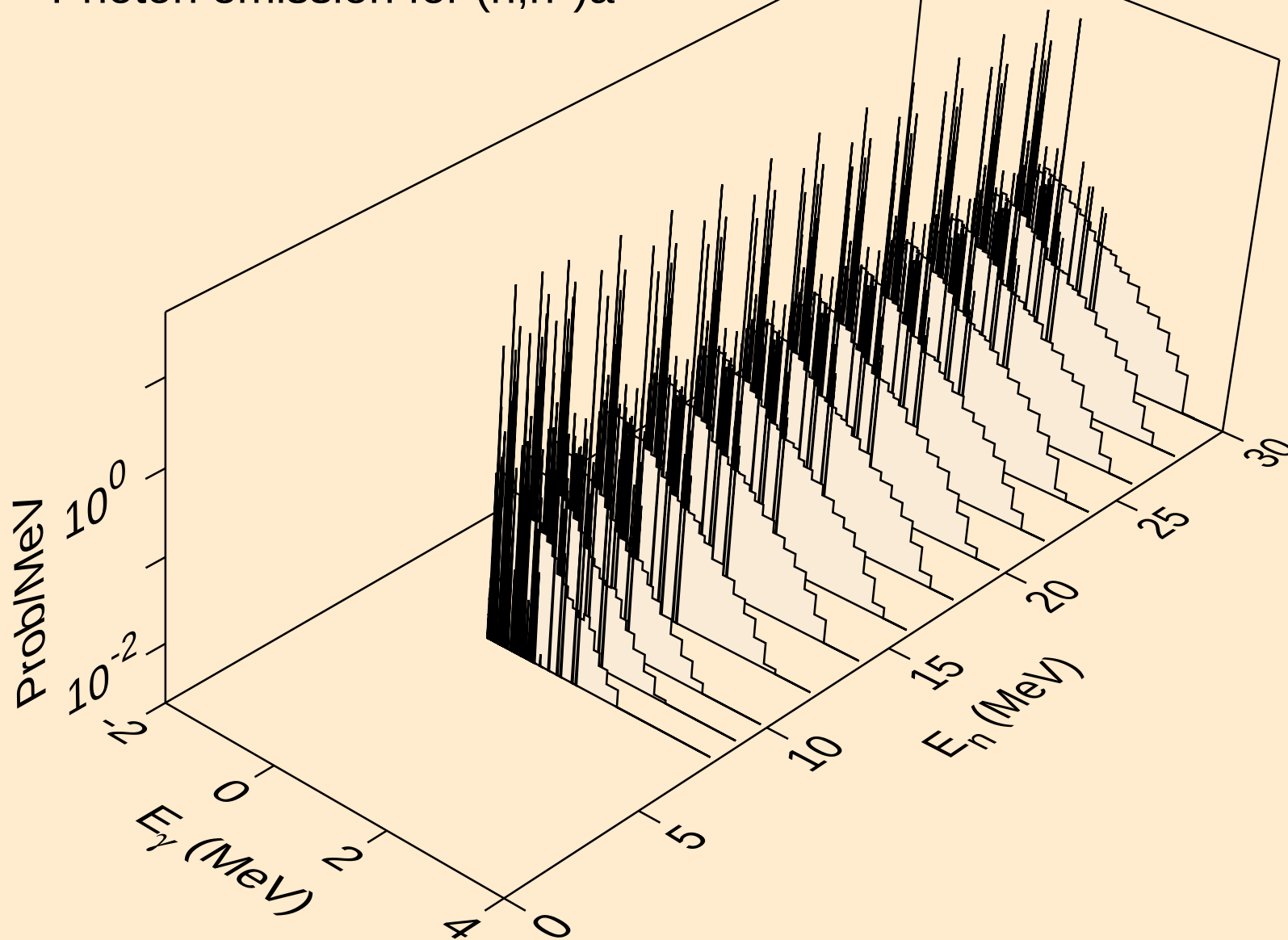


HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



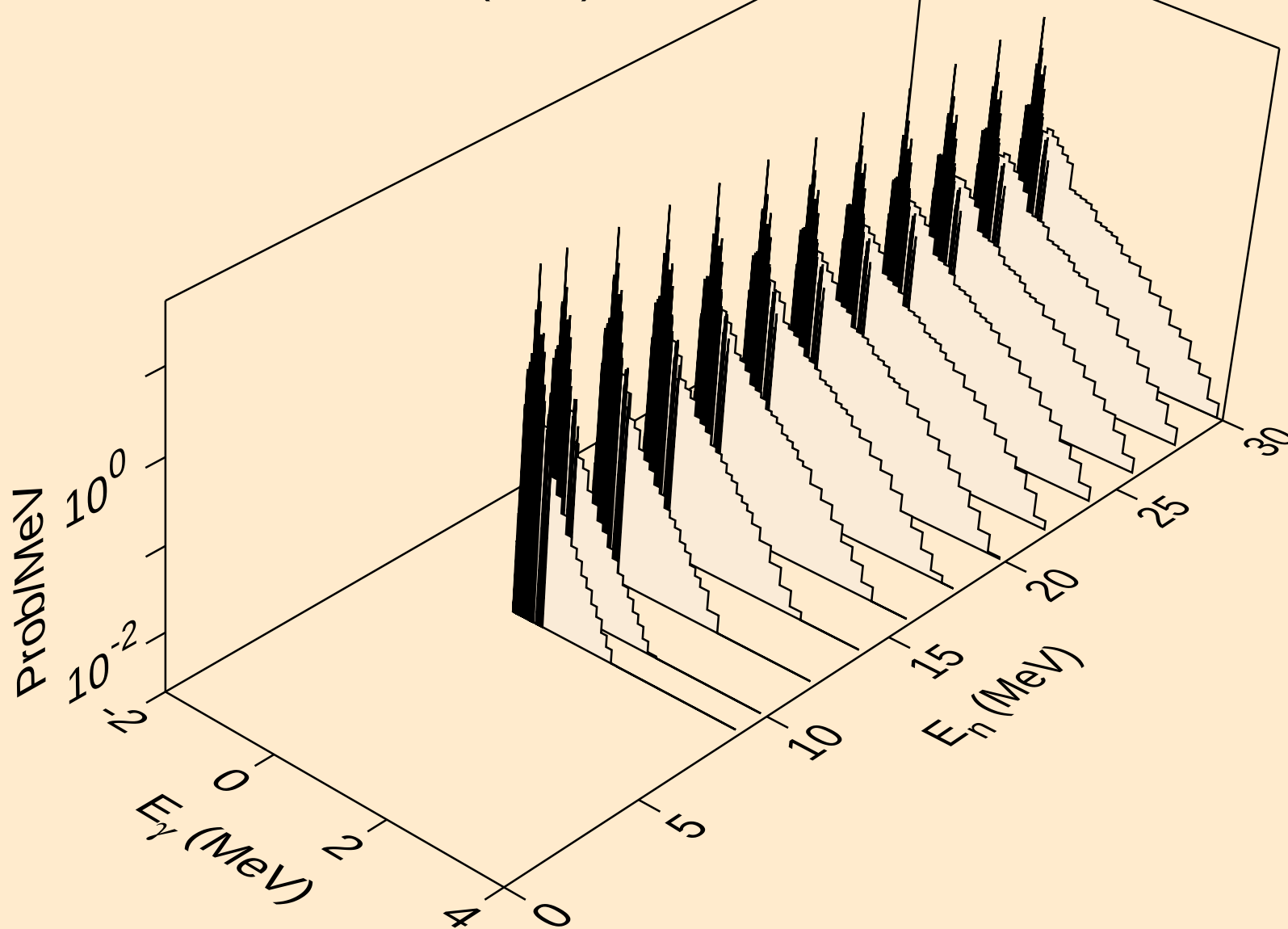
HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)a



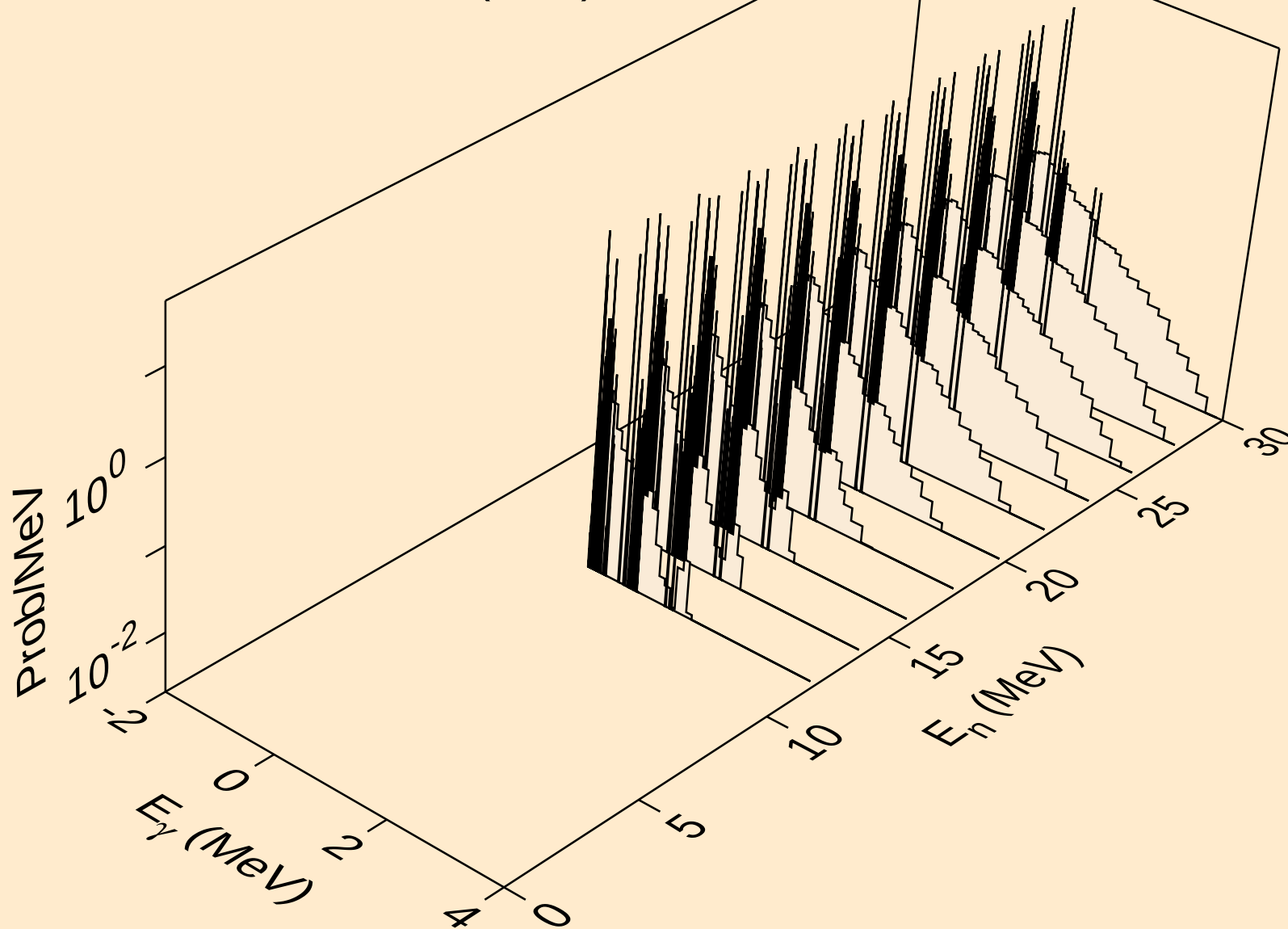
HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K

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



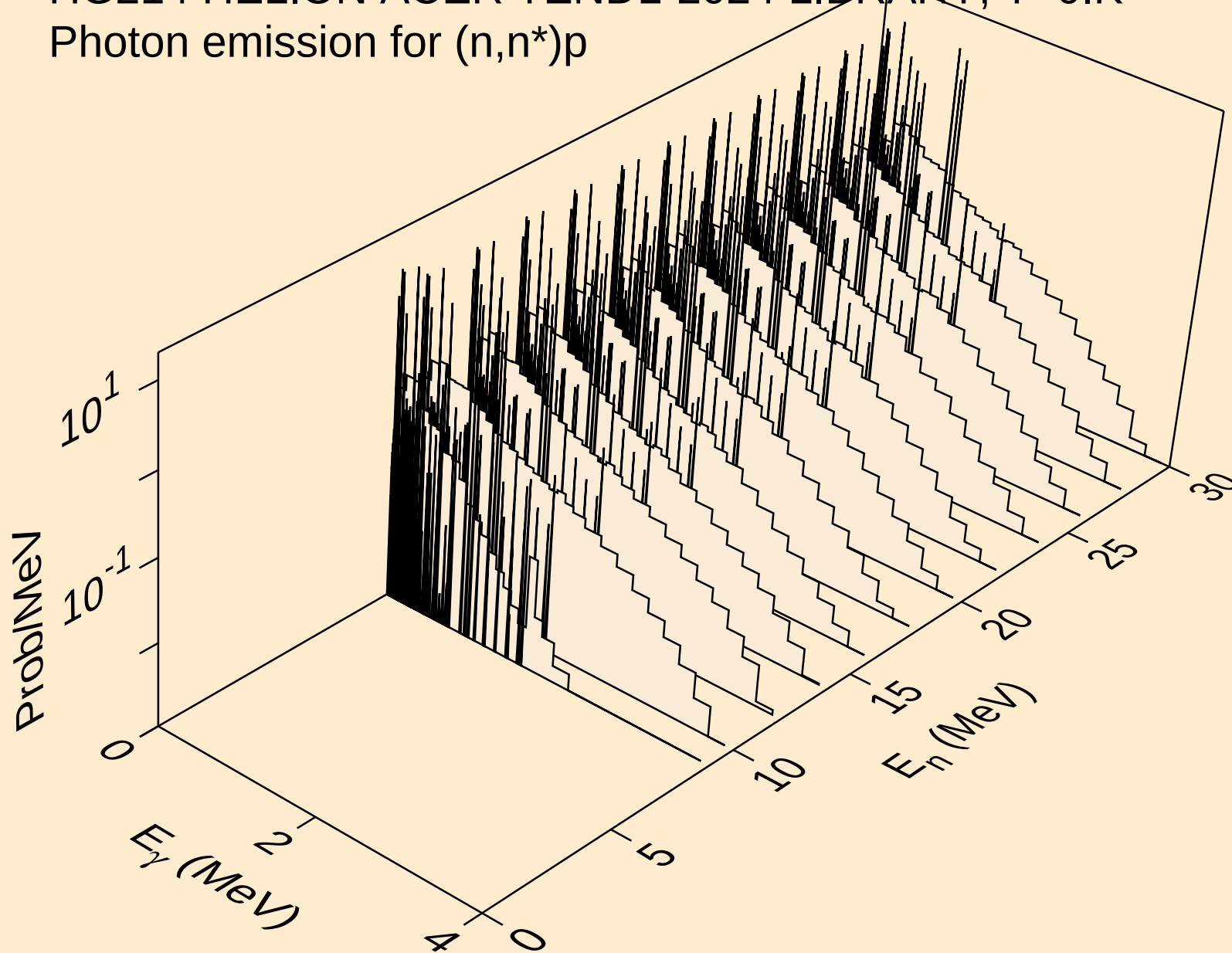
HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K

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



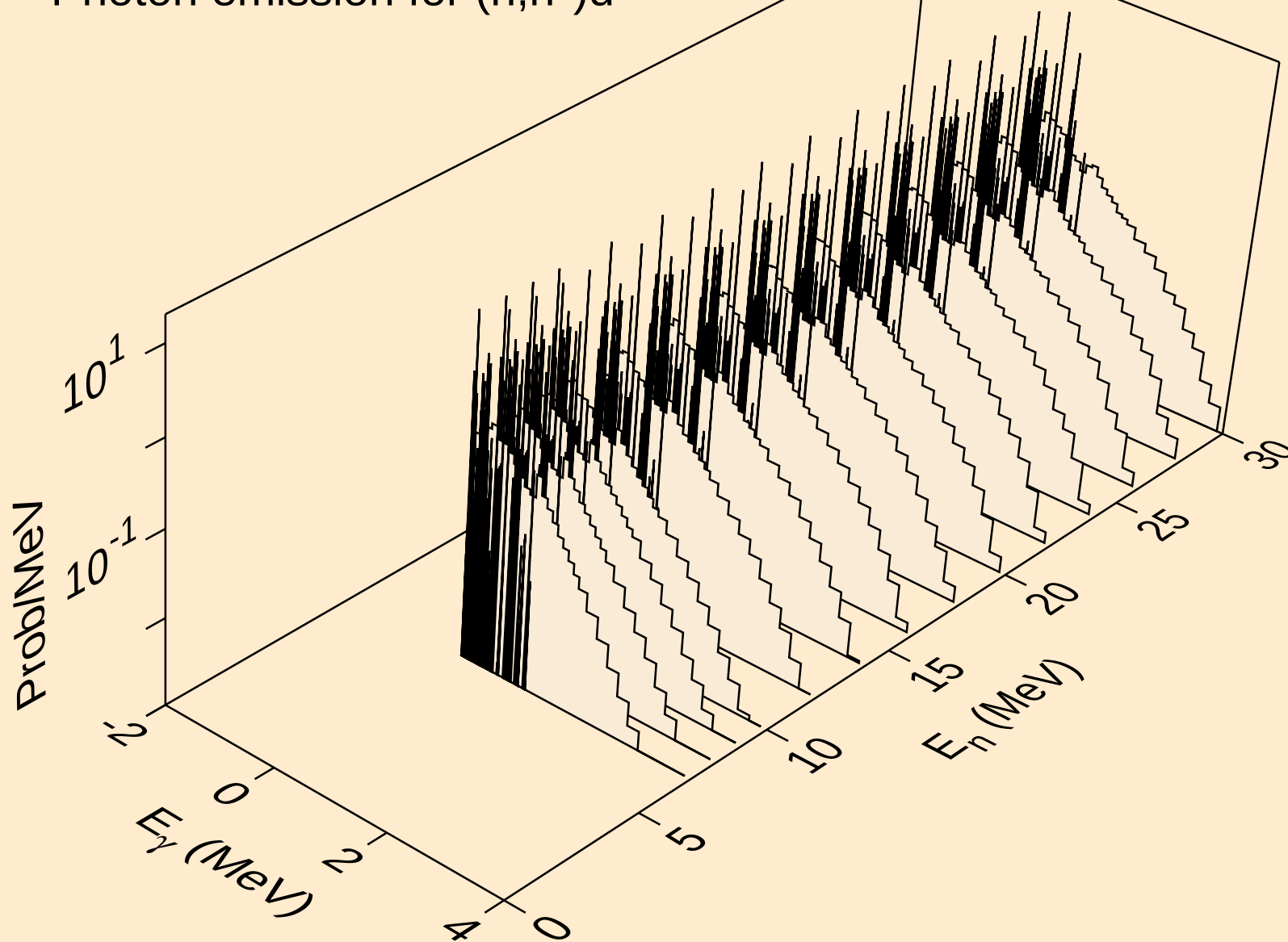
HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)p



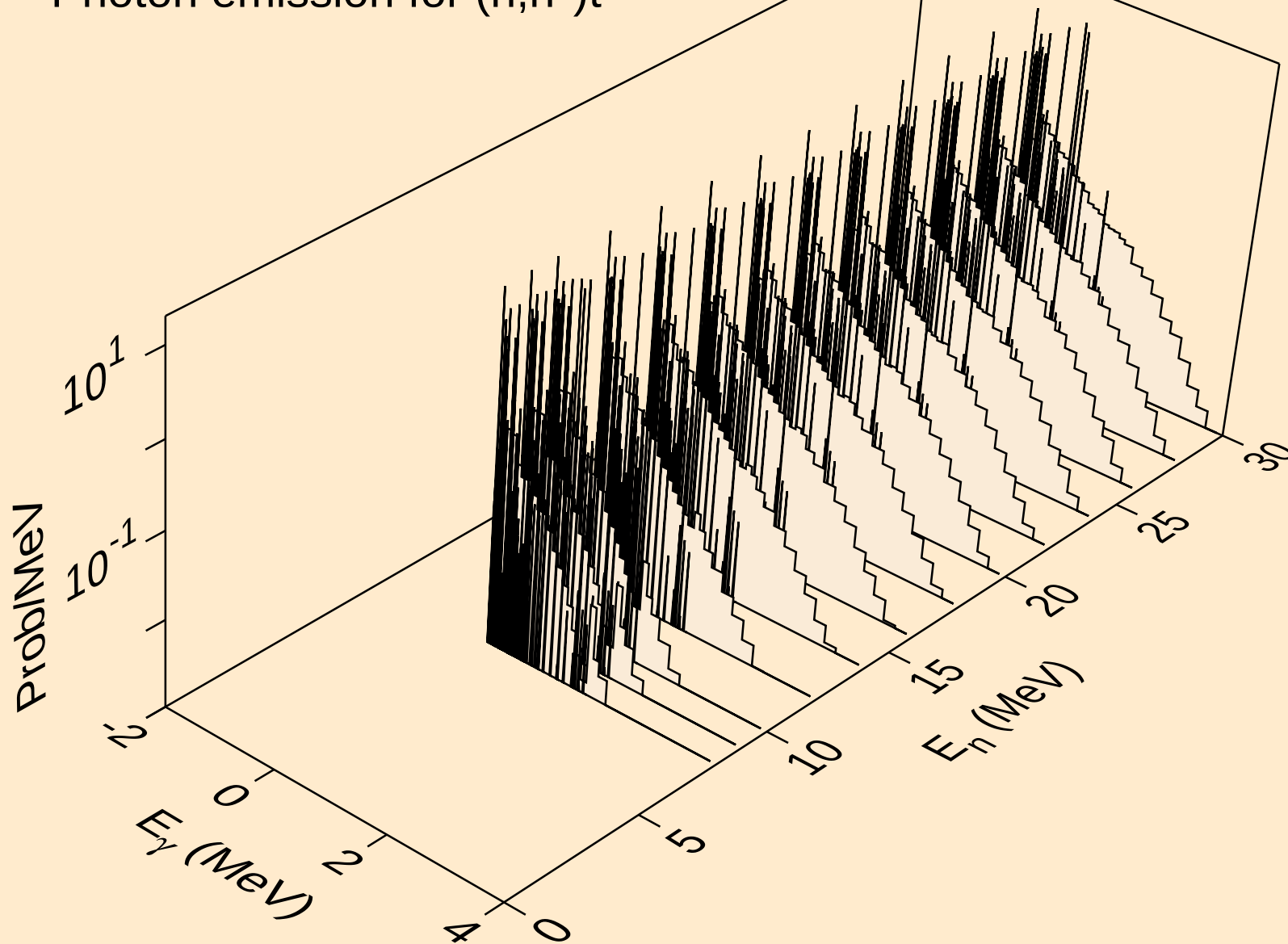
HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)d



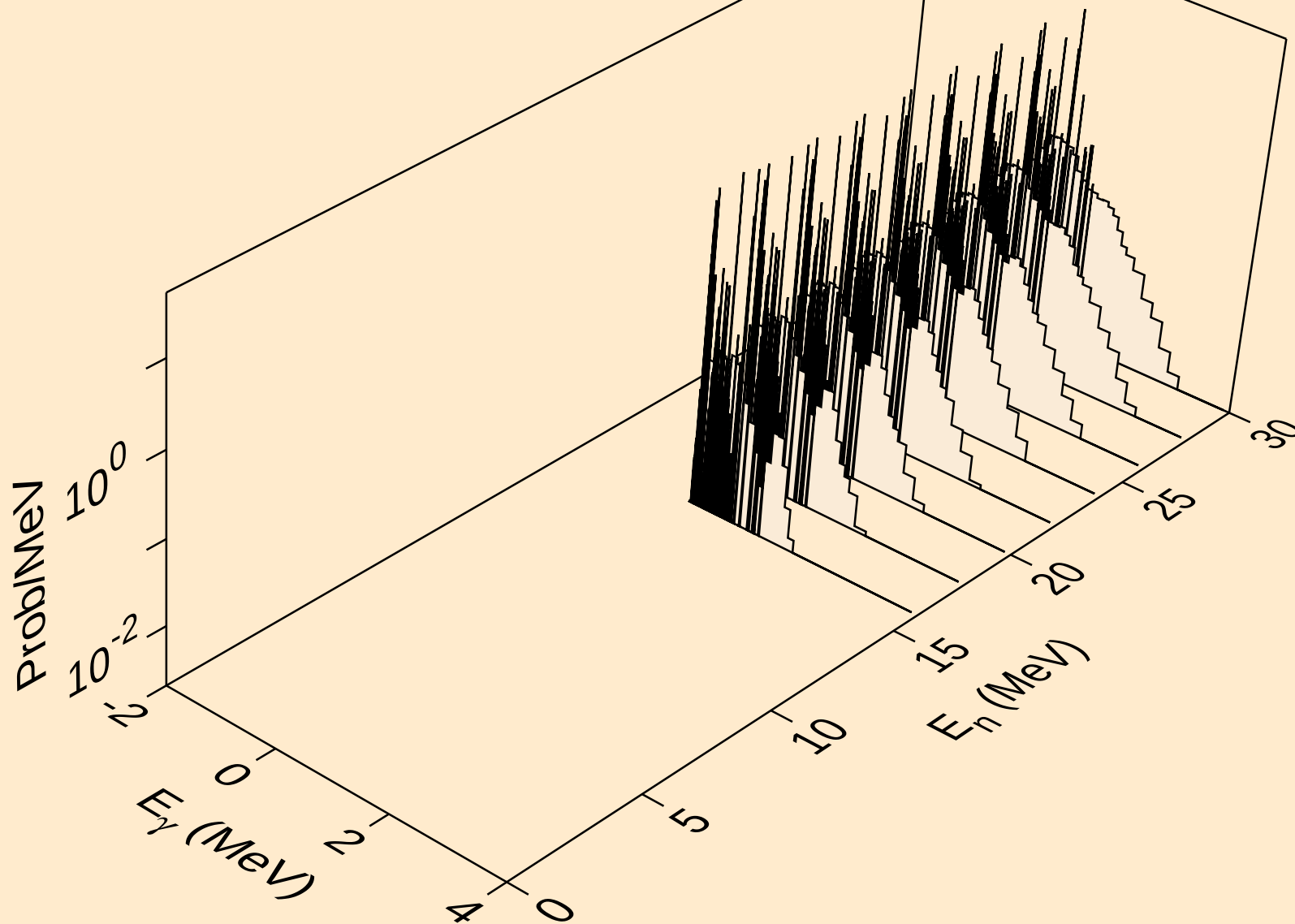
HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)t

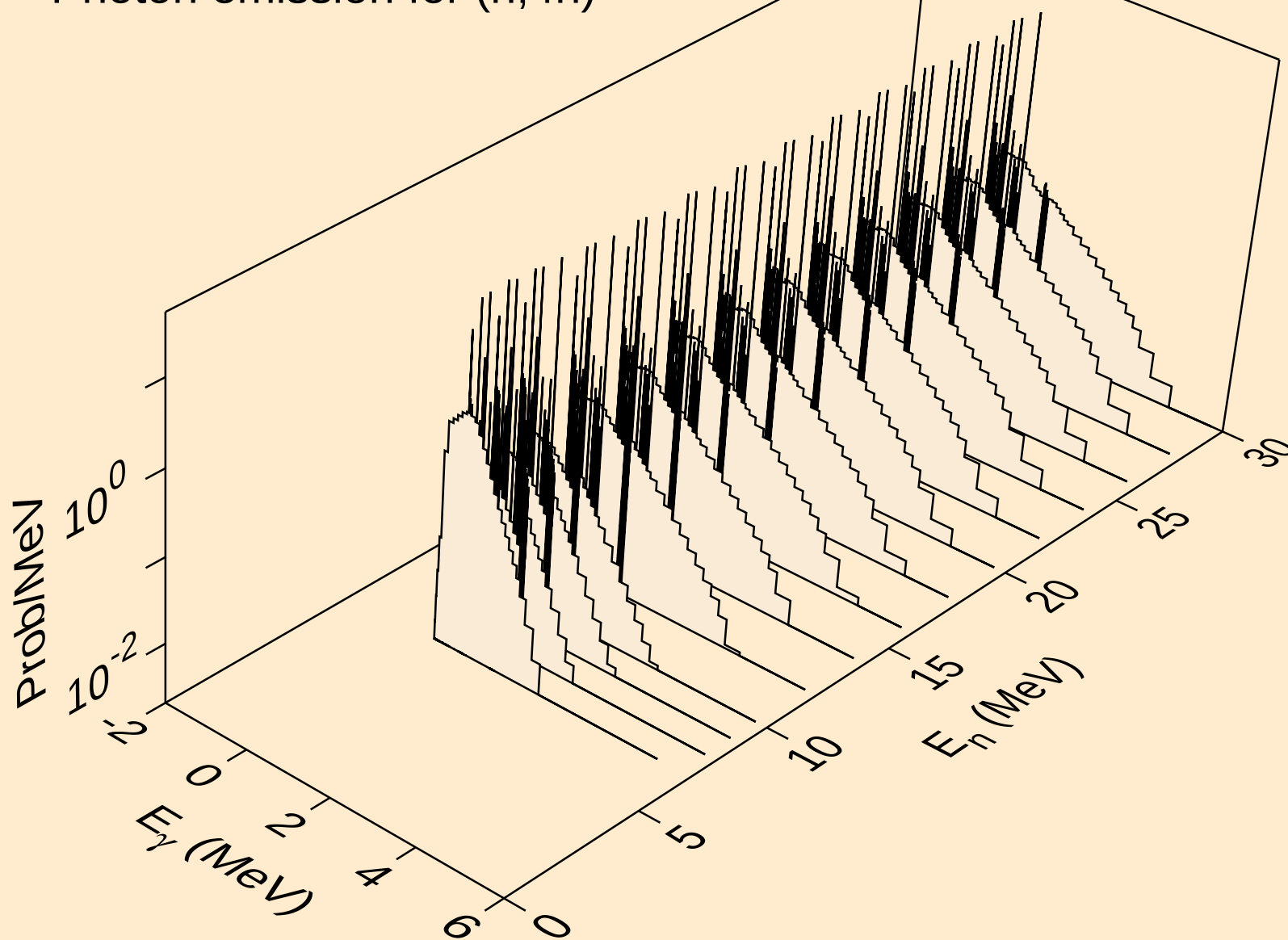


HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K

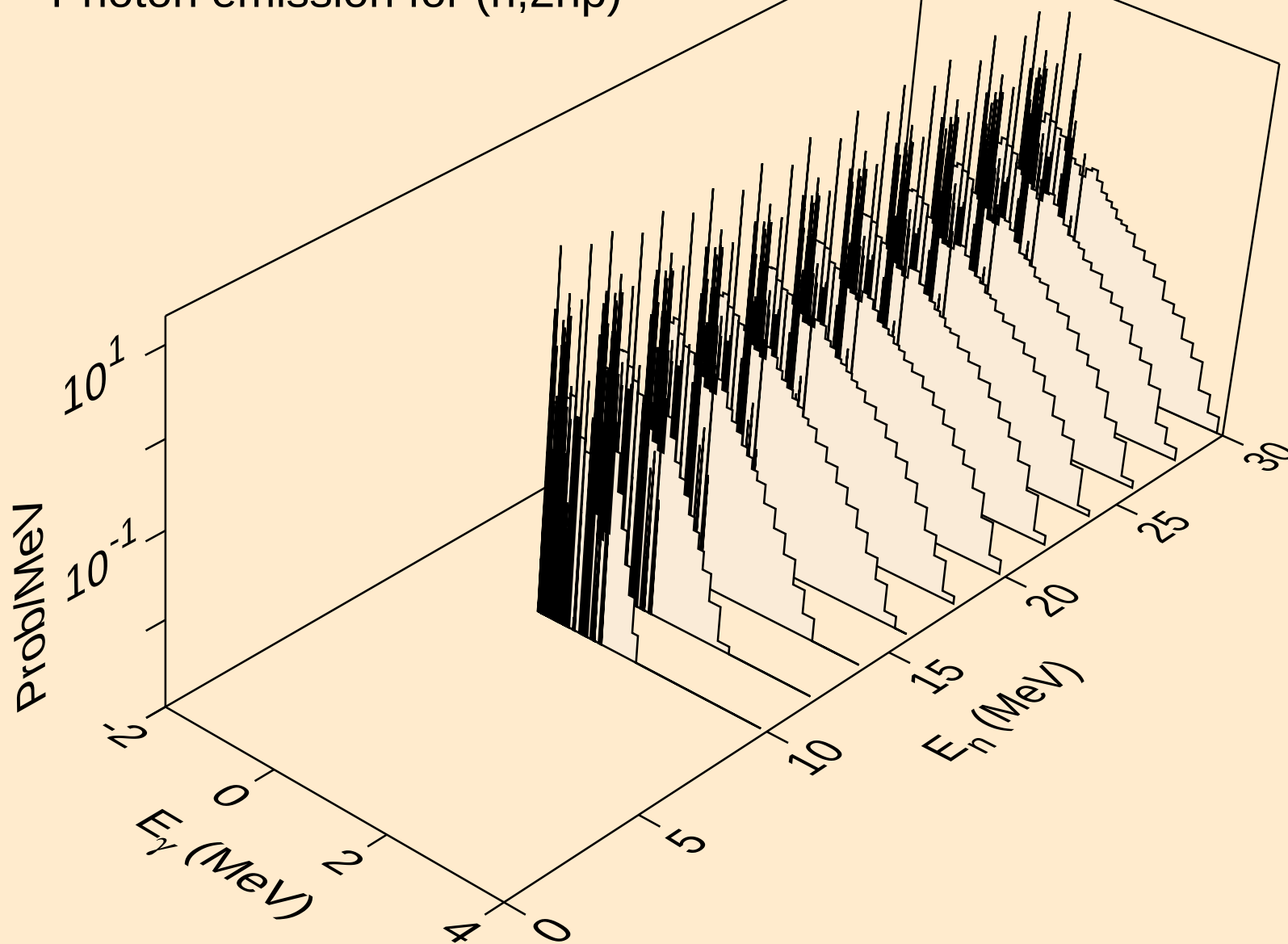
Photon emission for (n,n\*)he3



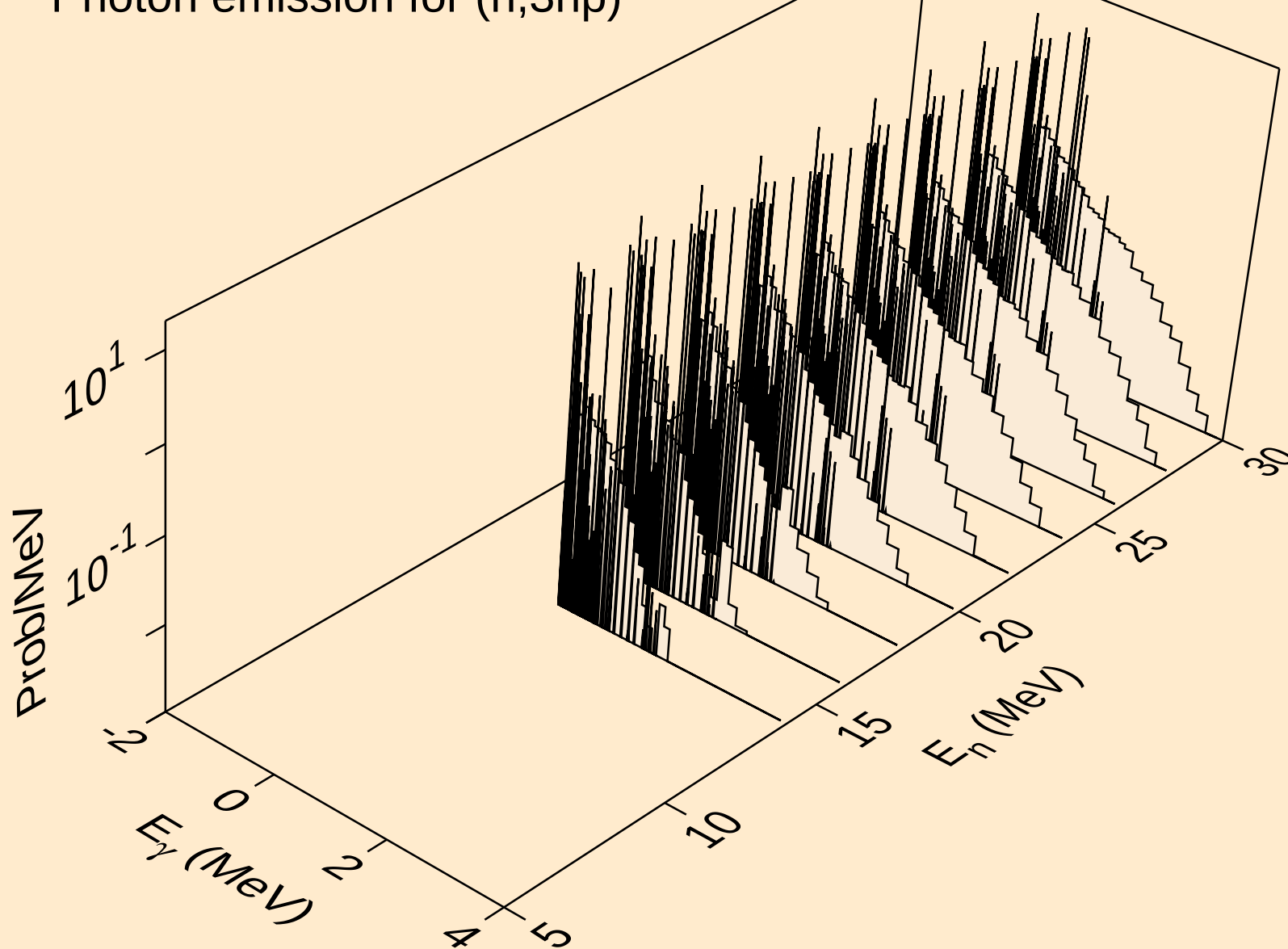
HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



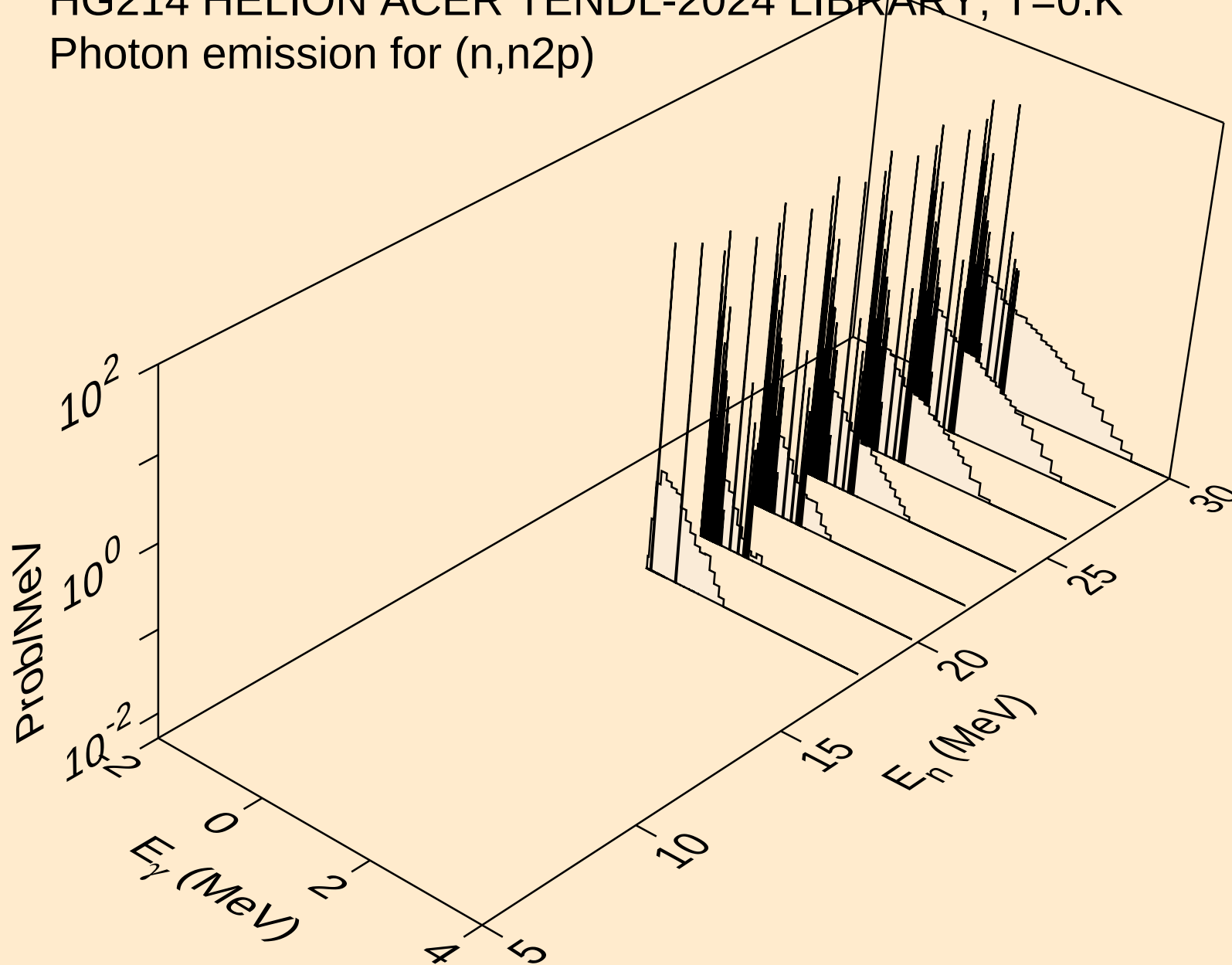
HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



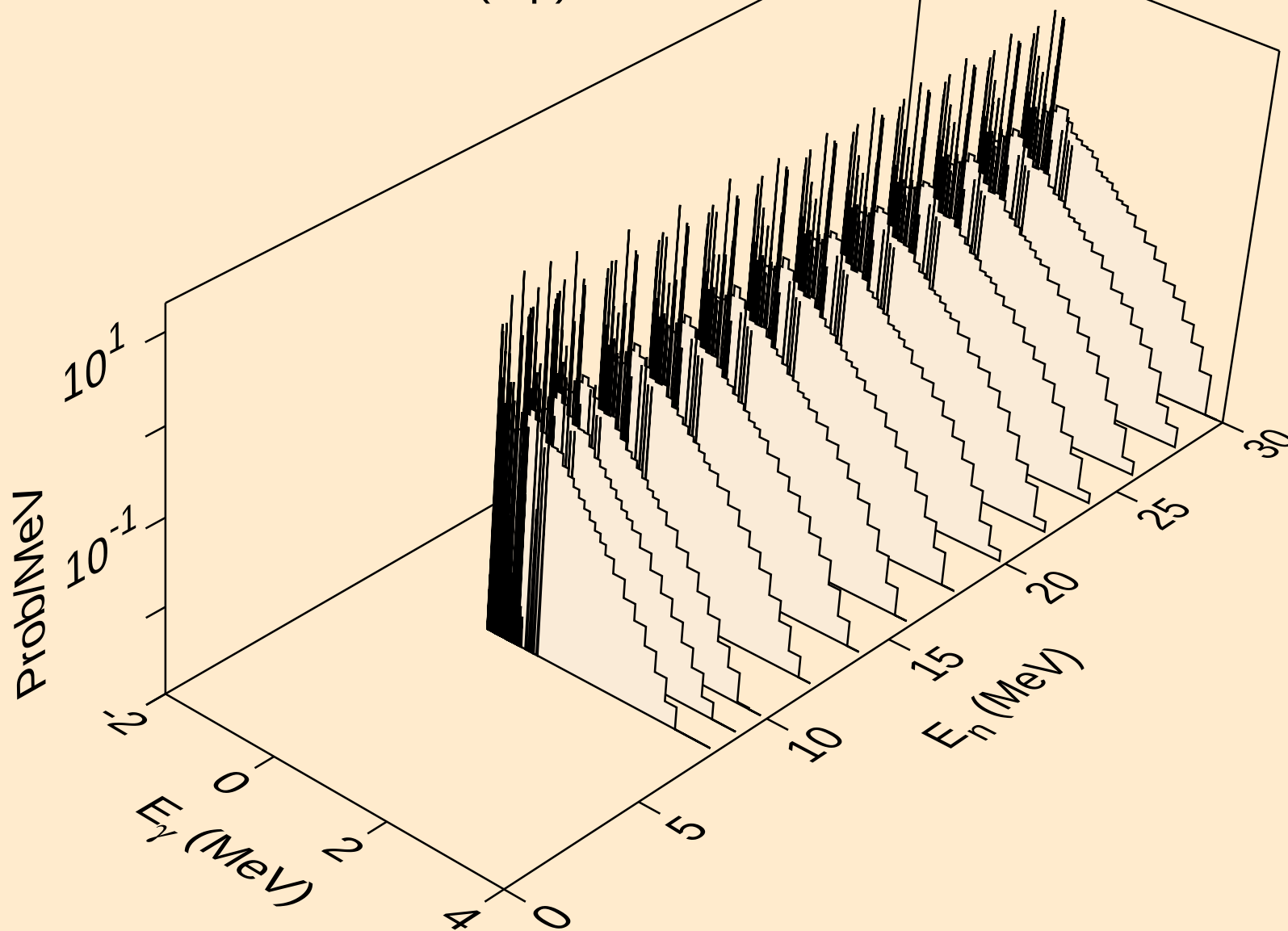
HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



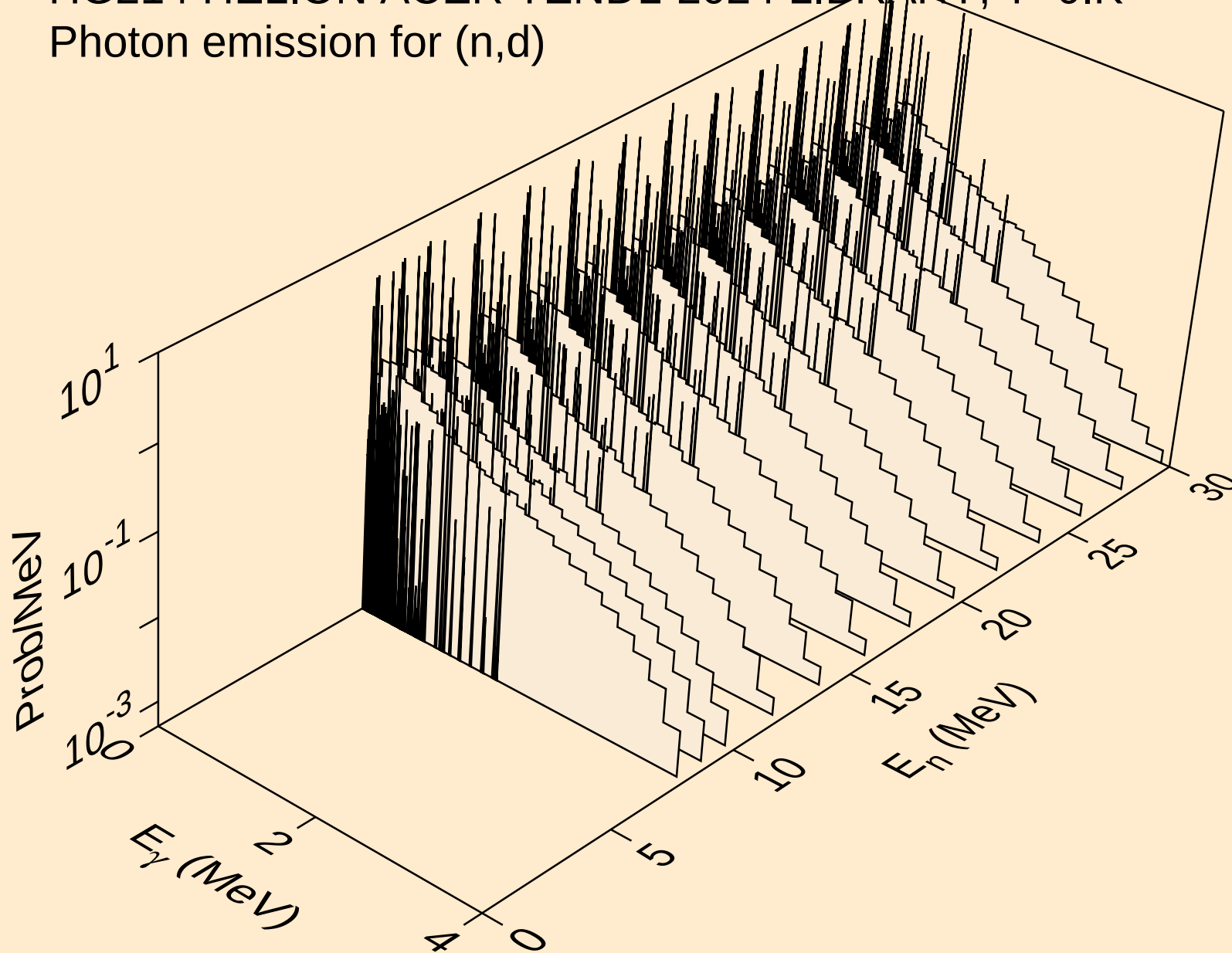
HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



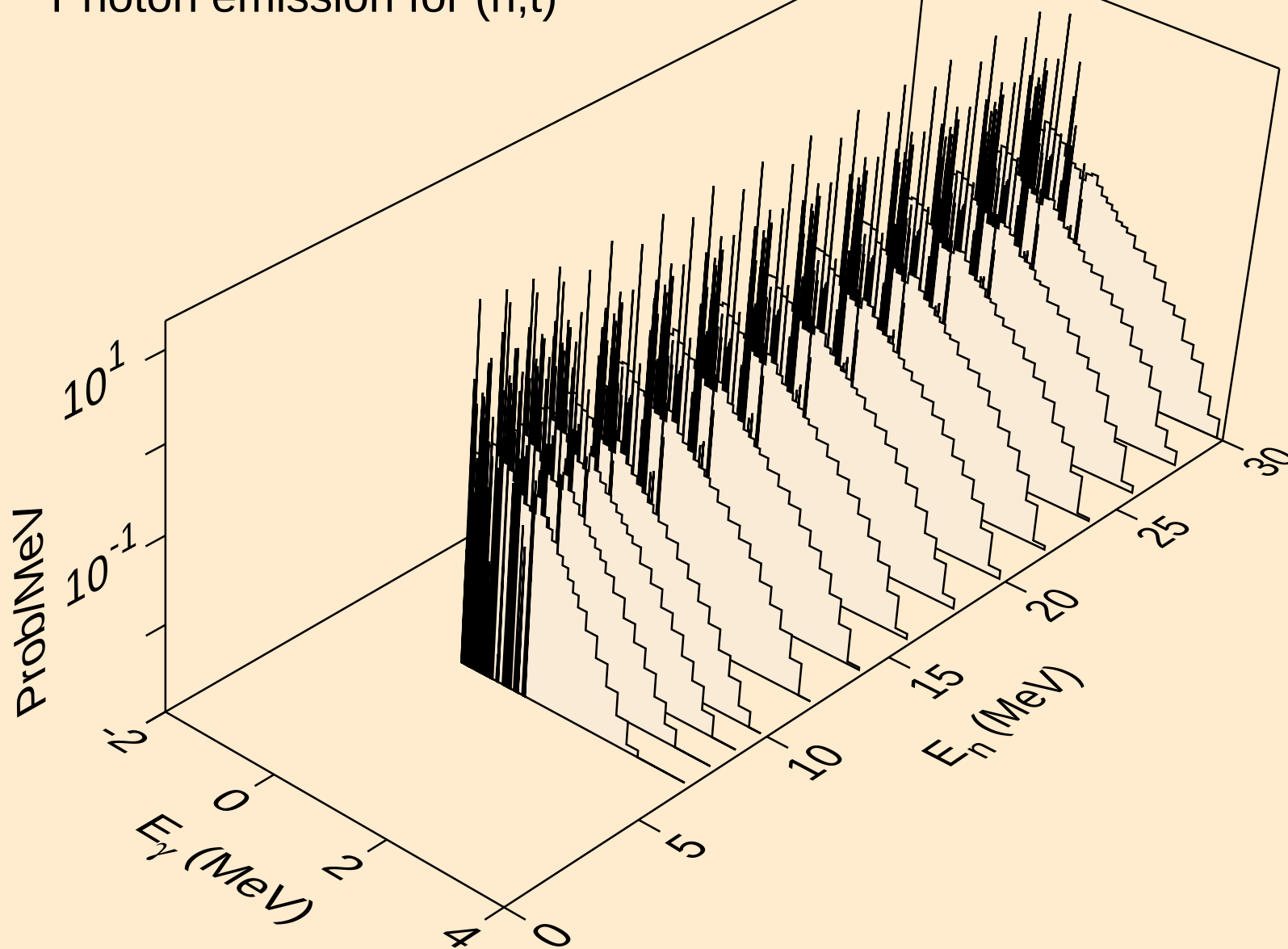
HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



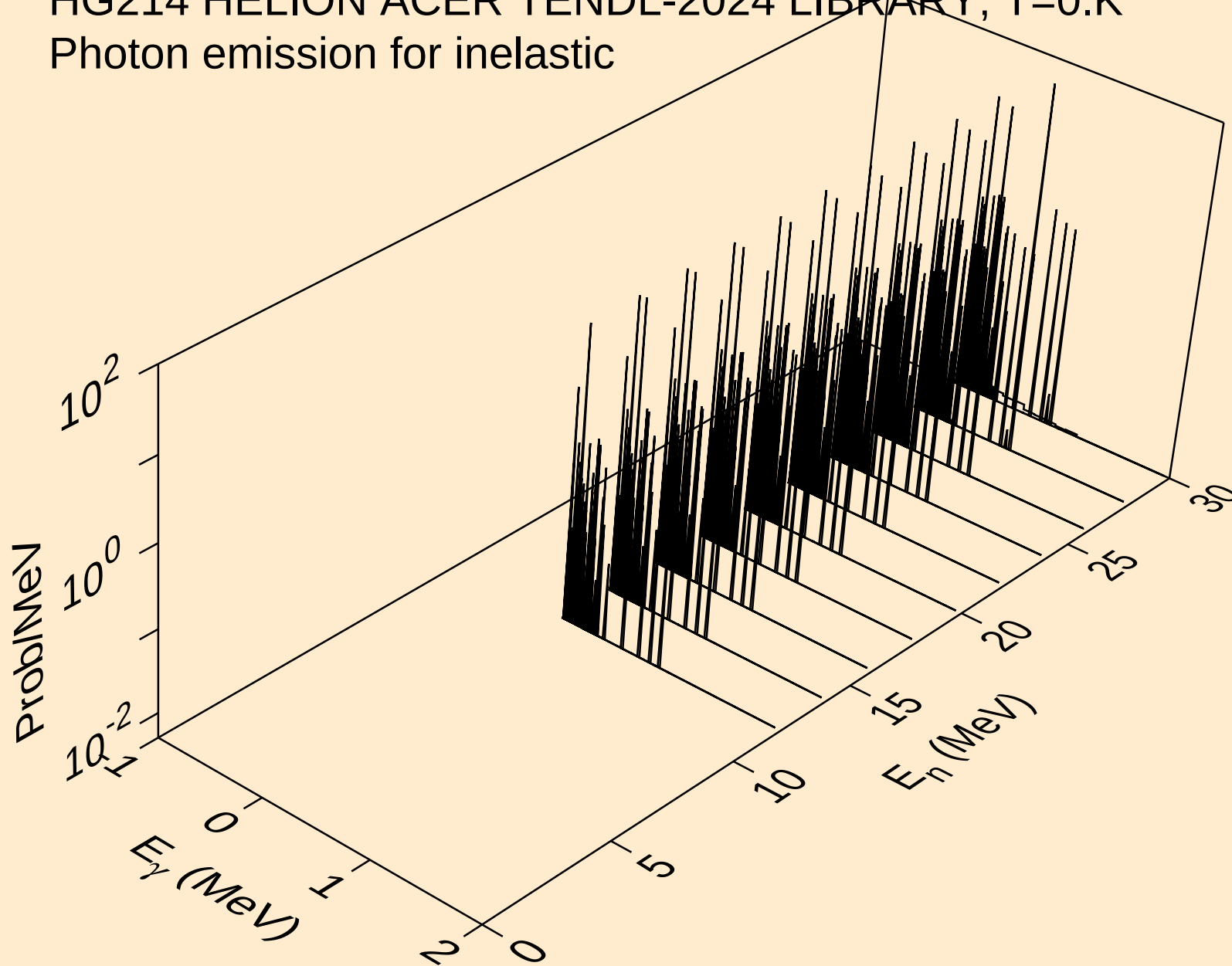
HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



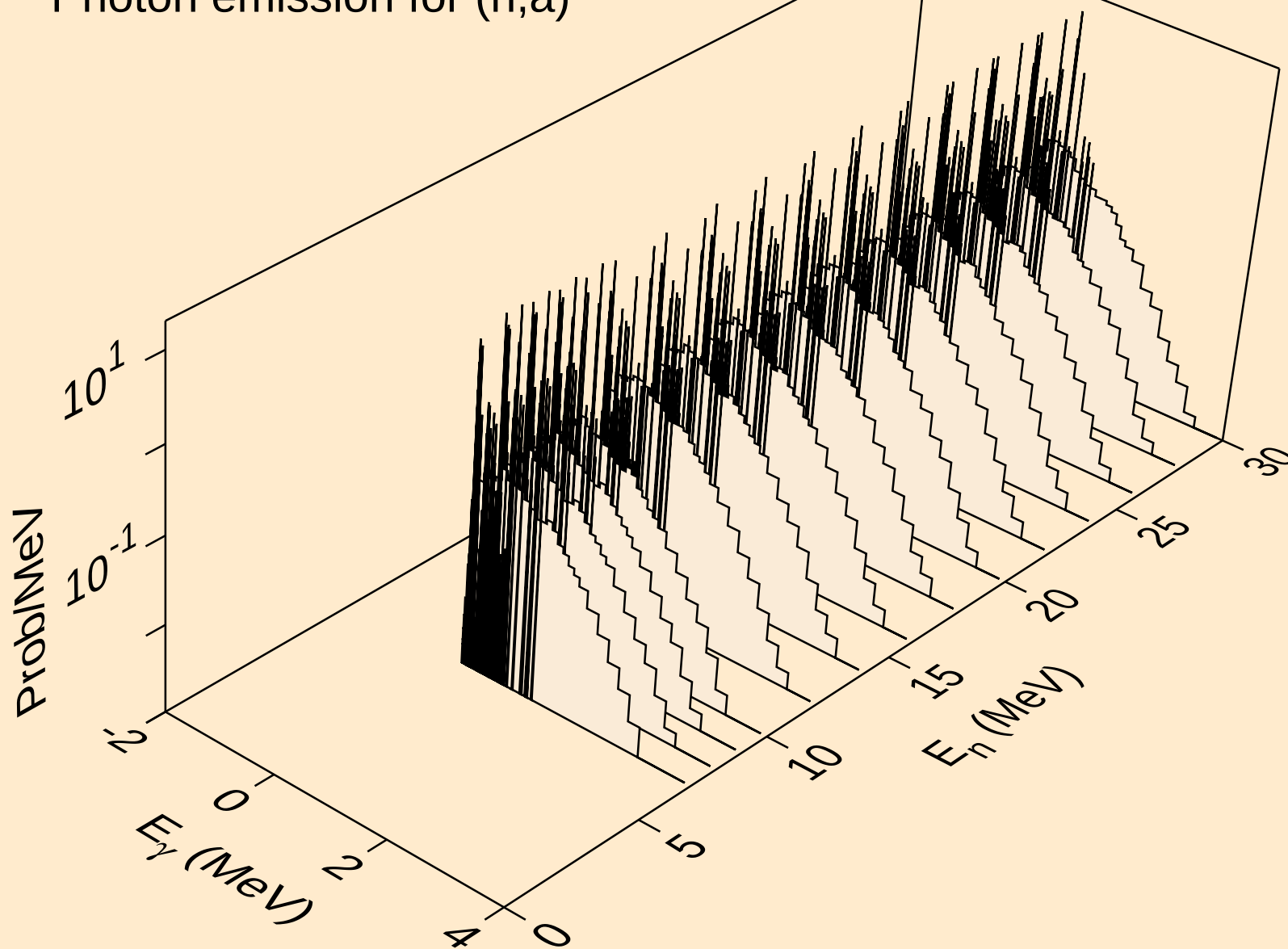
HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



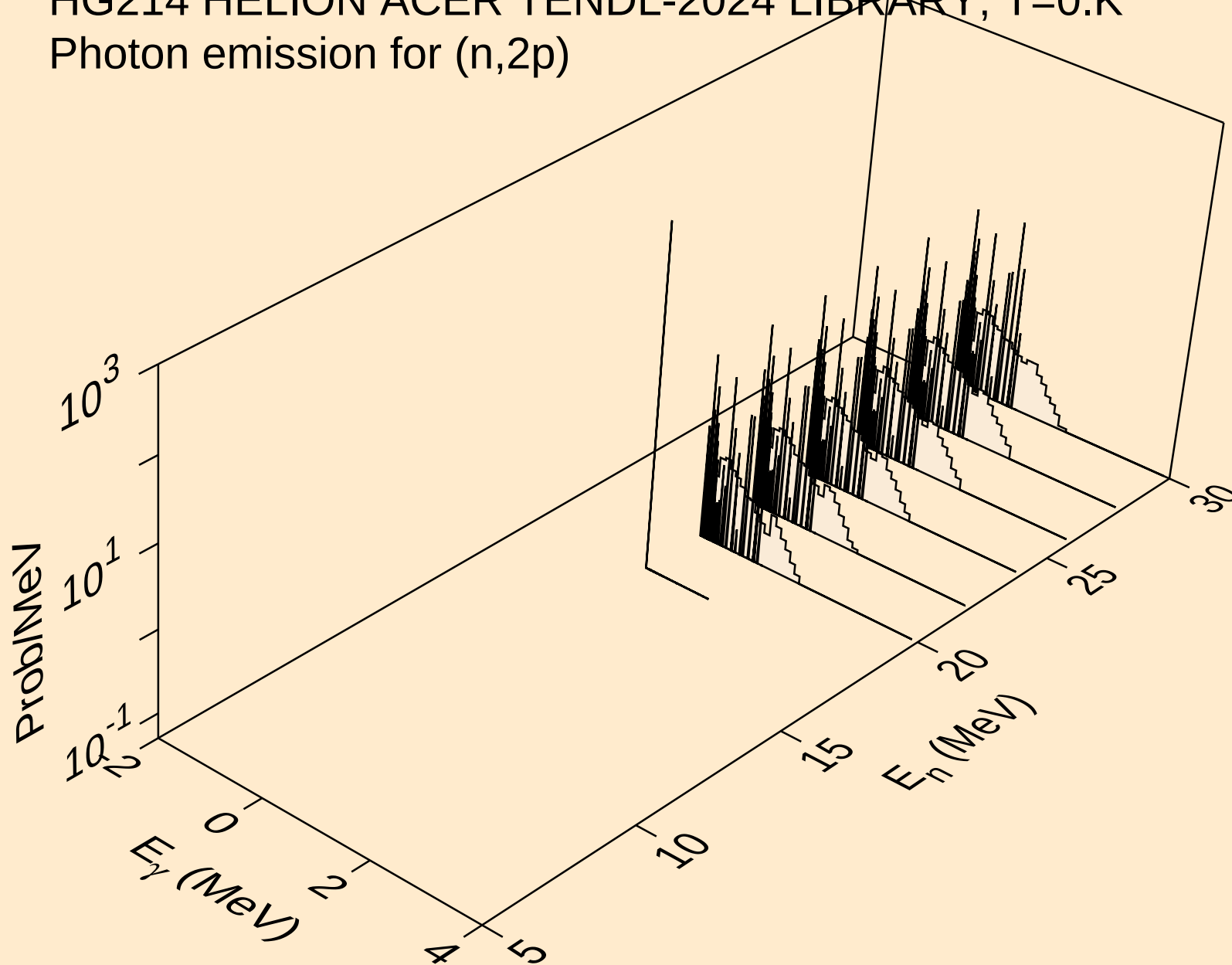
HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic



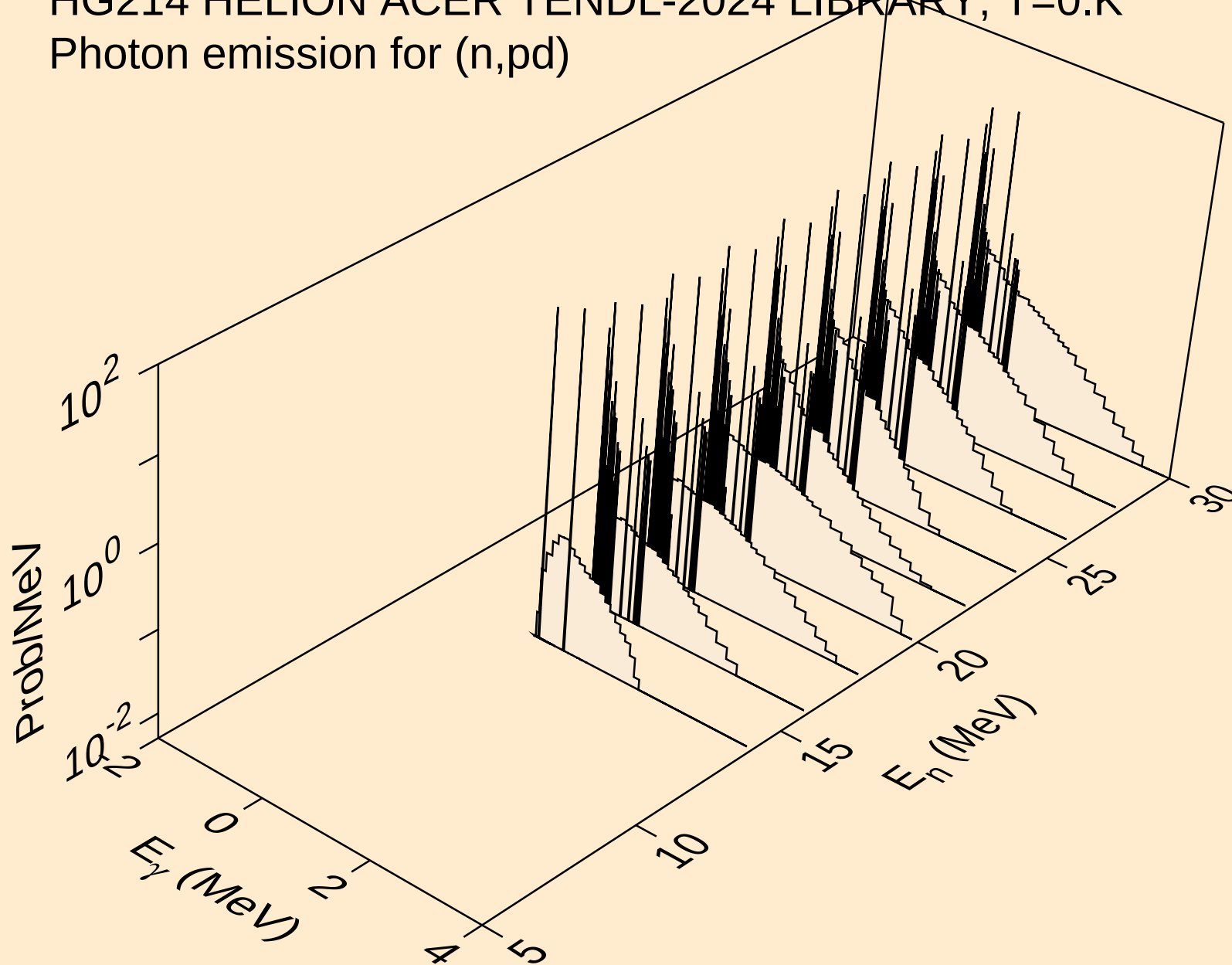
HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)

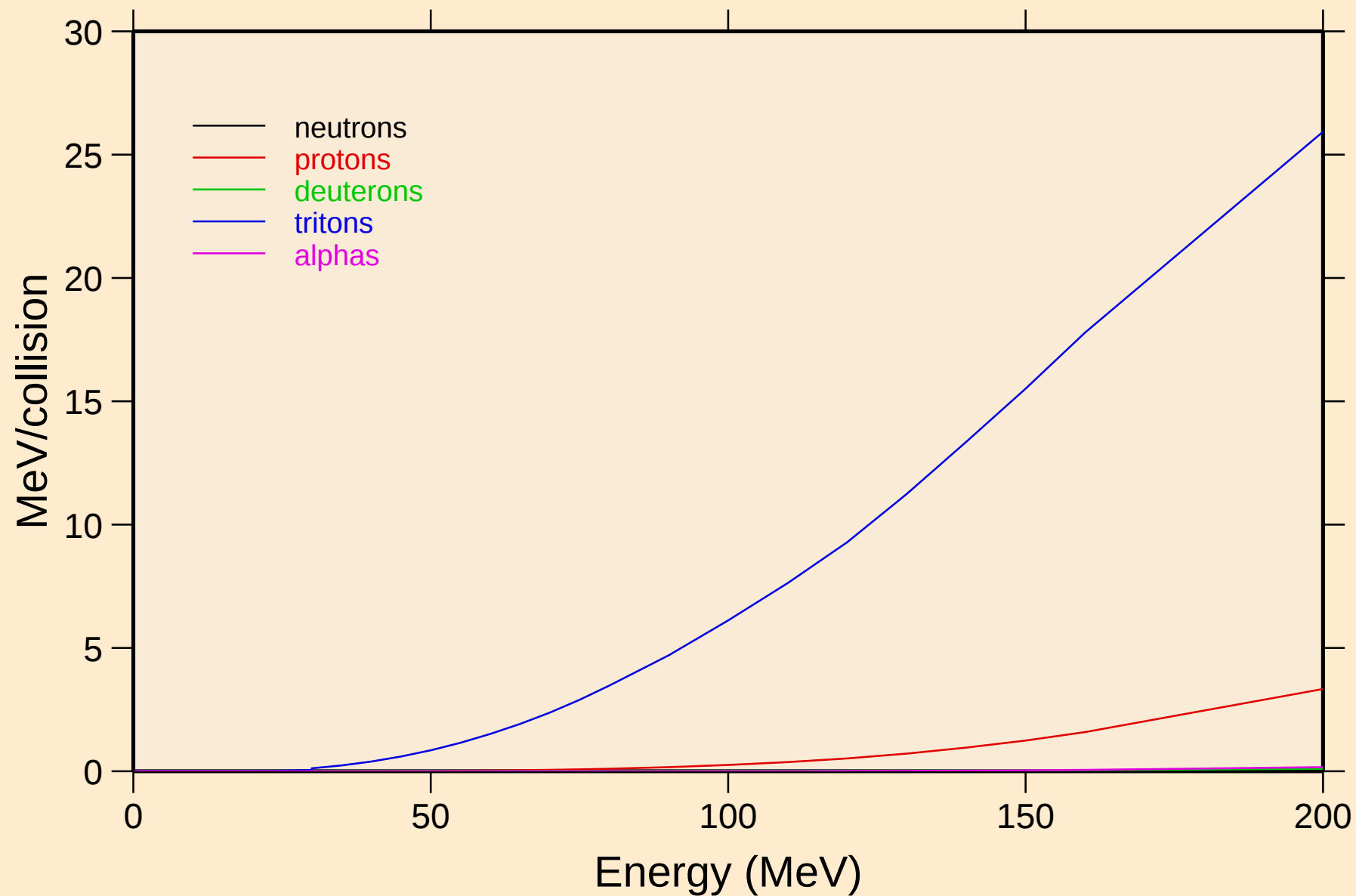


HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



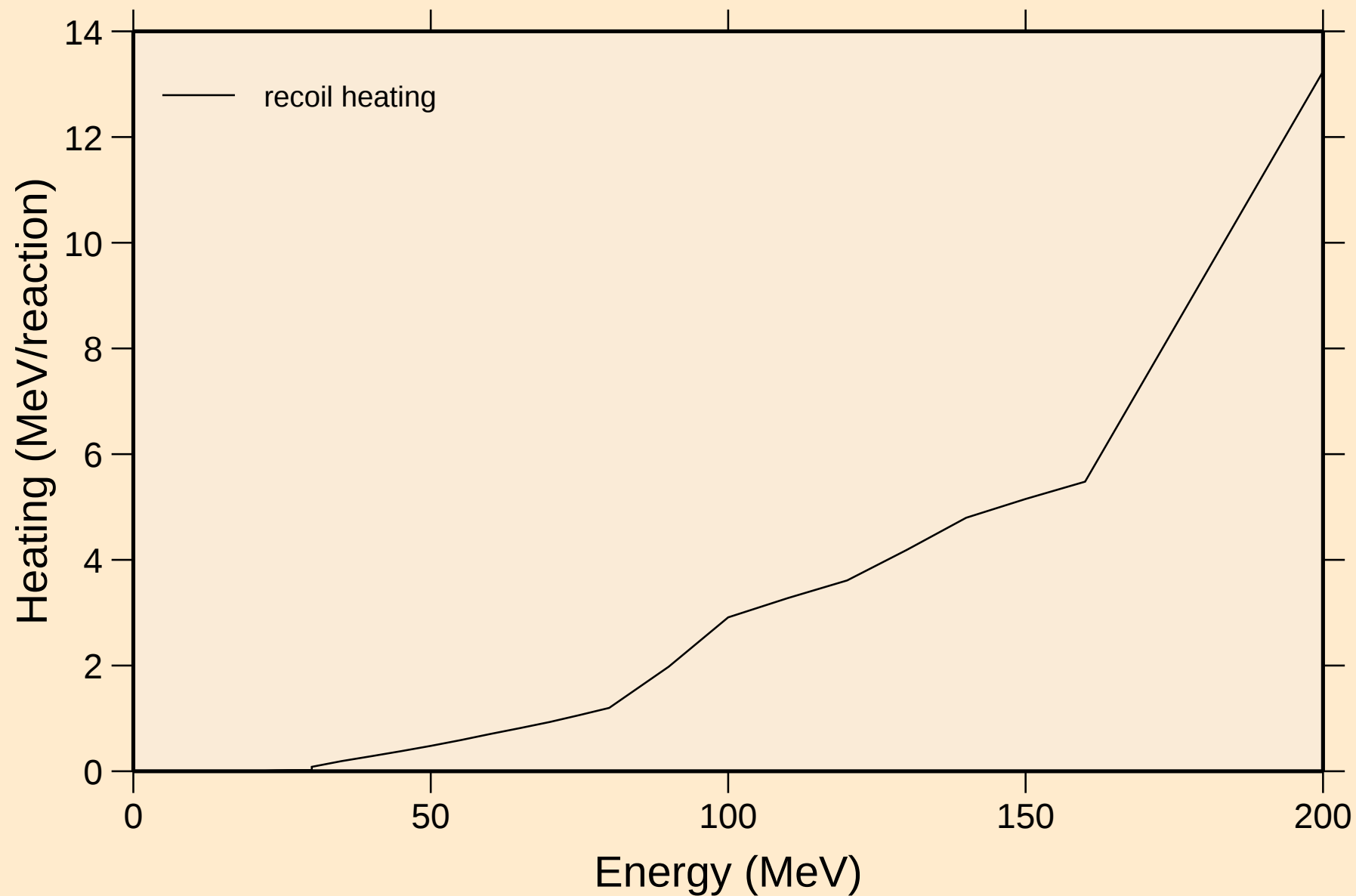
# HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions



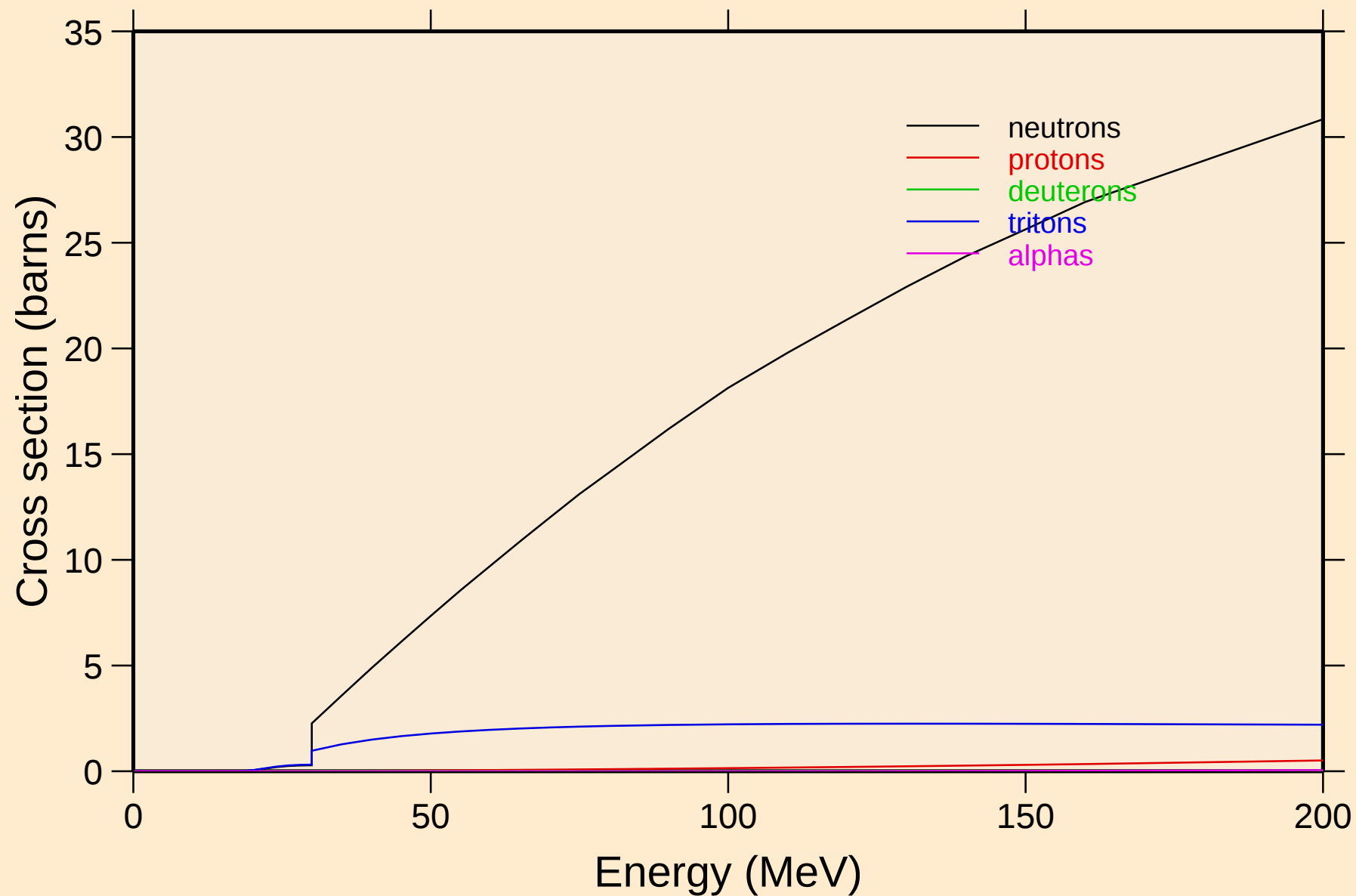
HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Recoil Heating

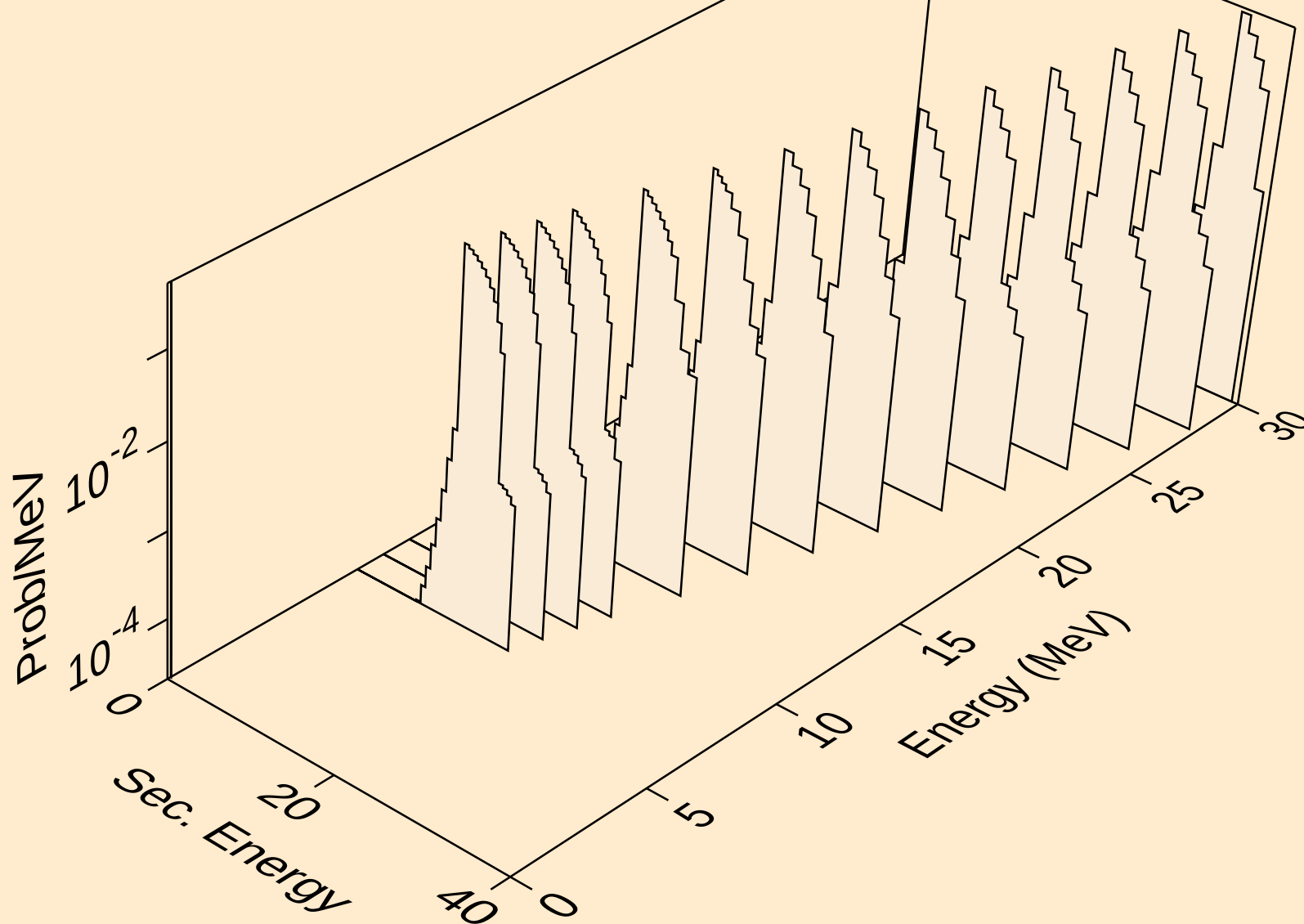


# HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K

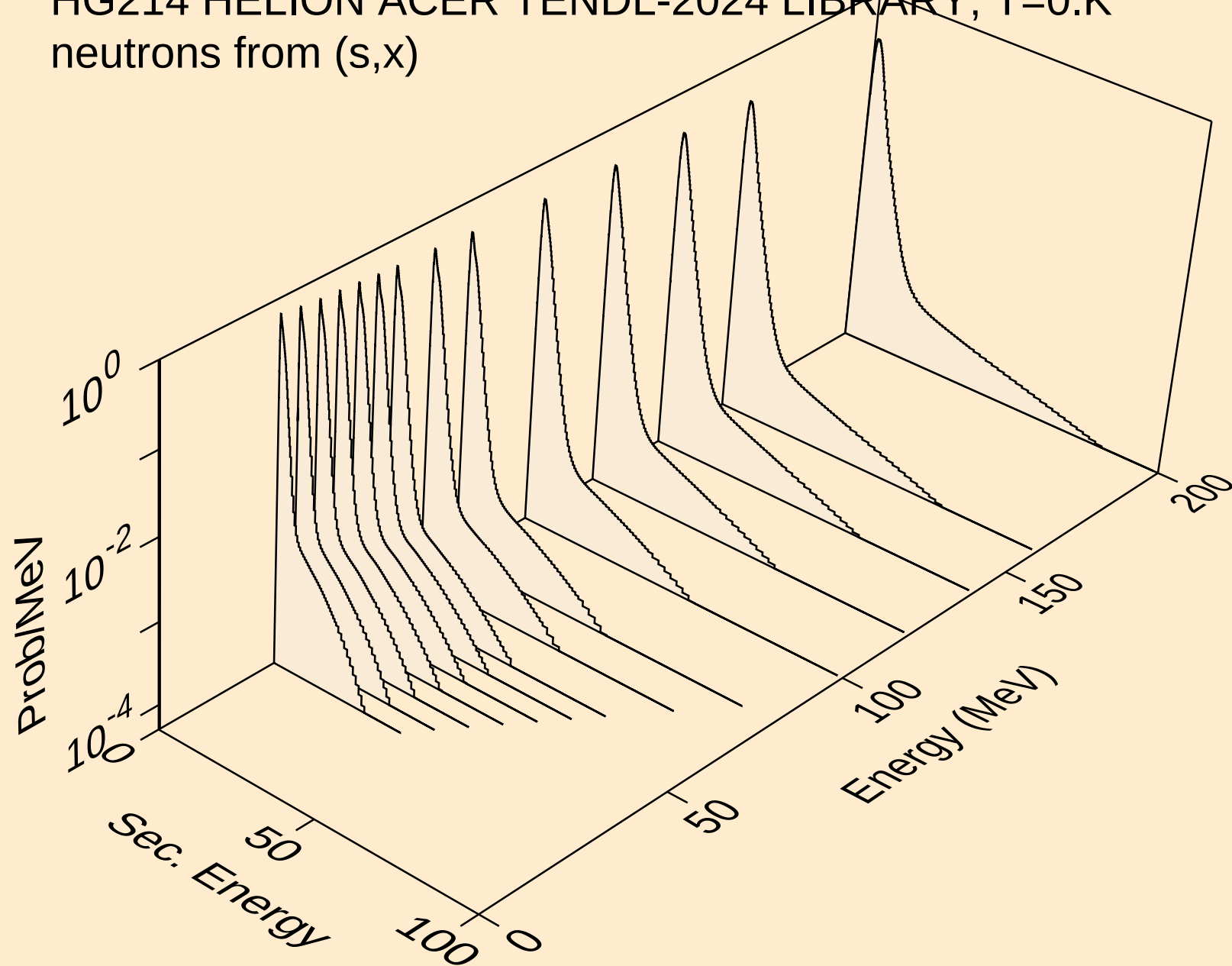
## Particle production cross sections



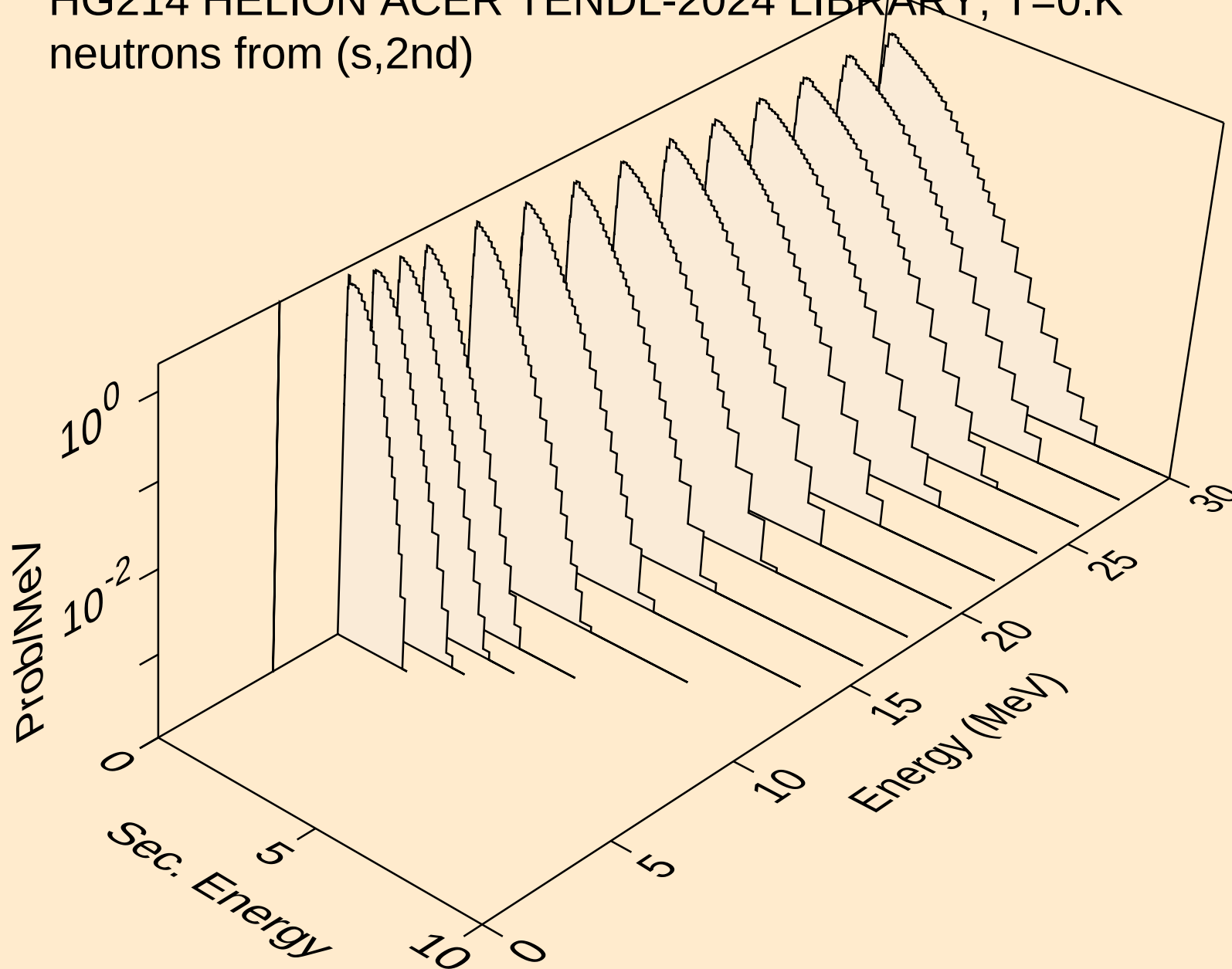
HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n)



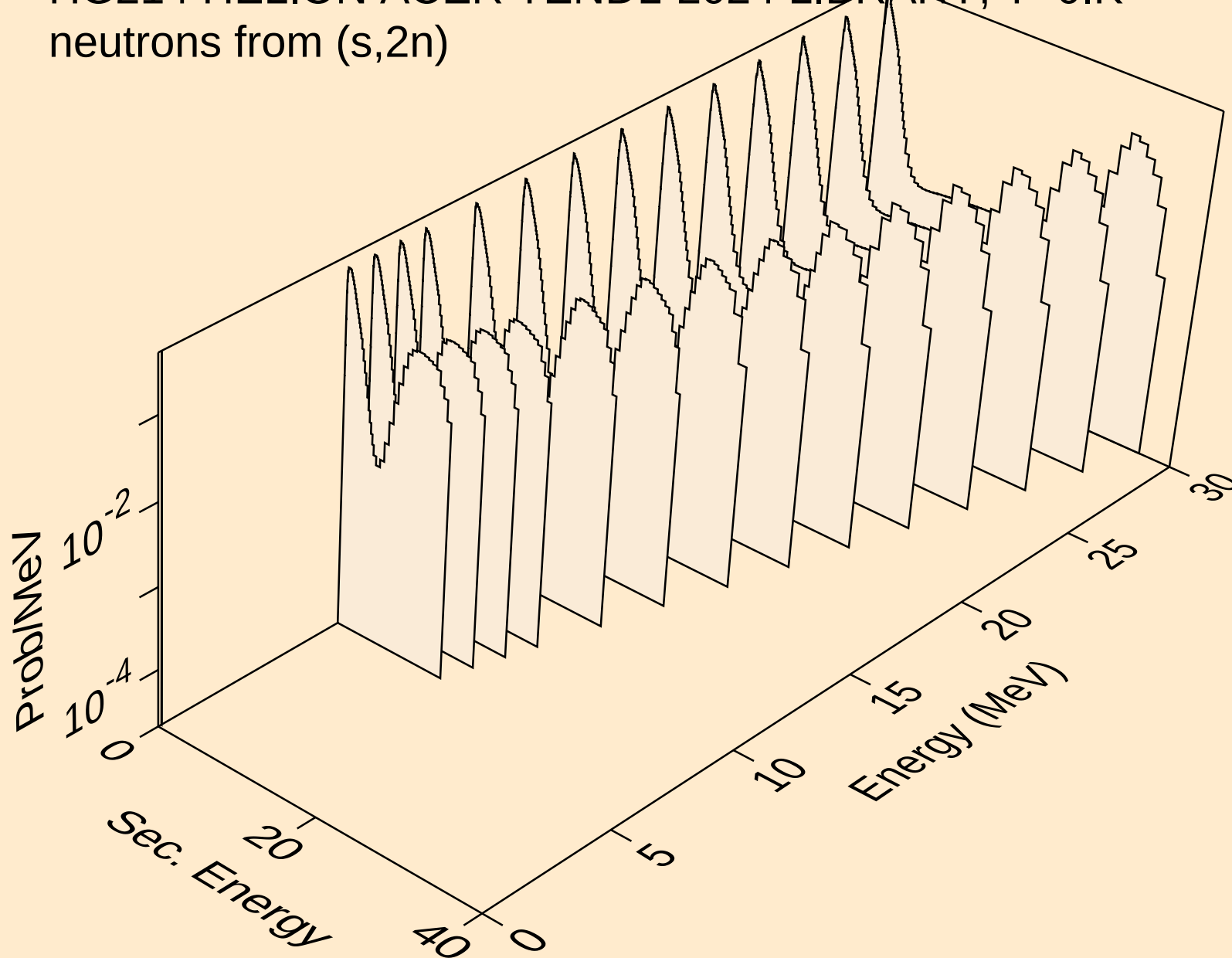
HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,x)



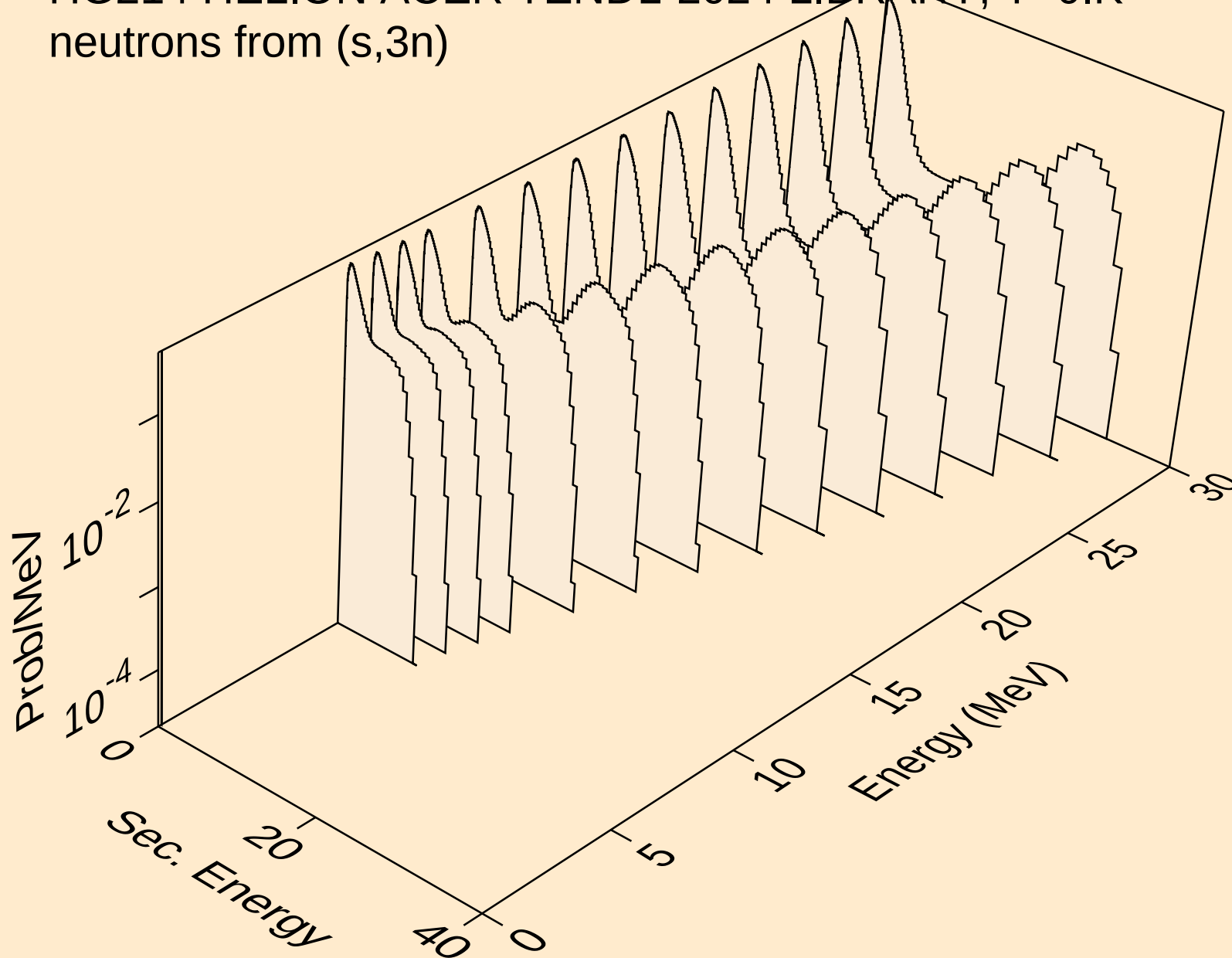
HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2nd)



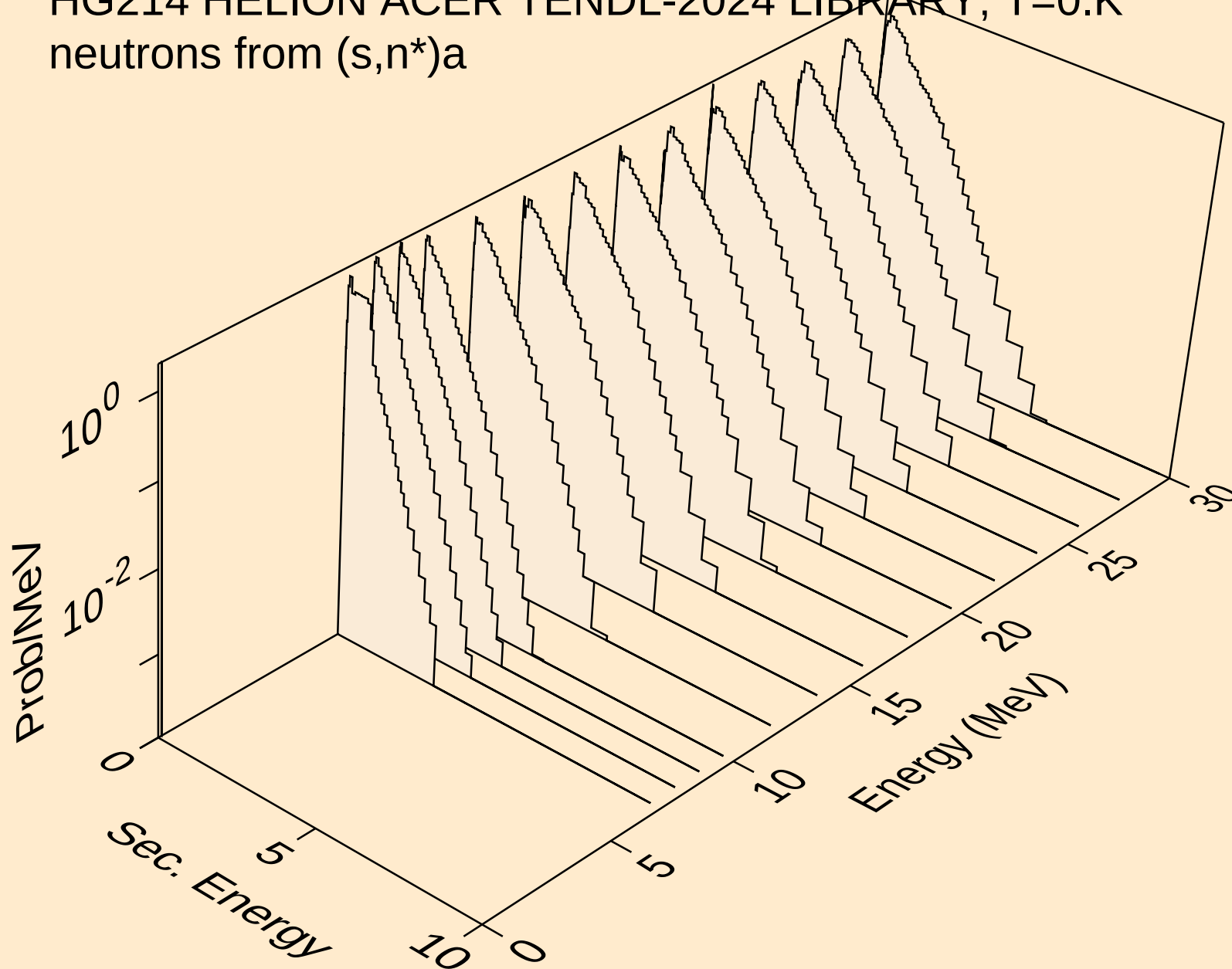
HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2n)



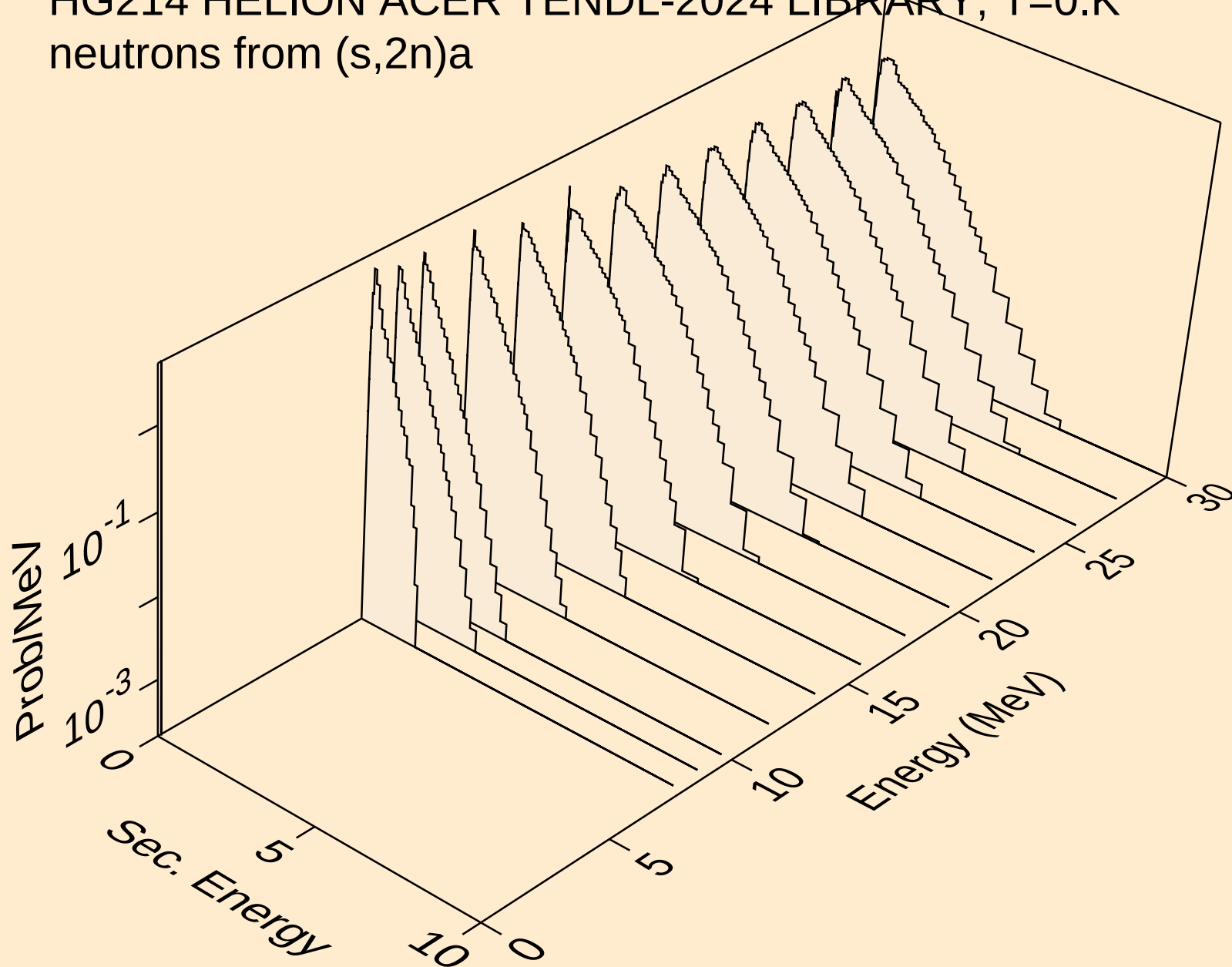
HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,3n)



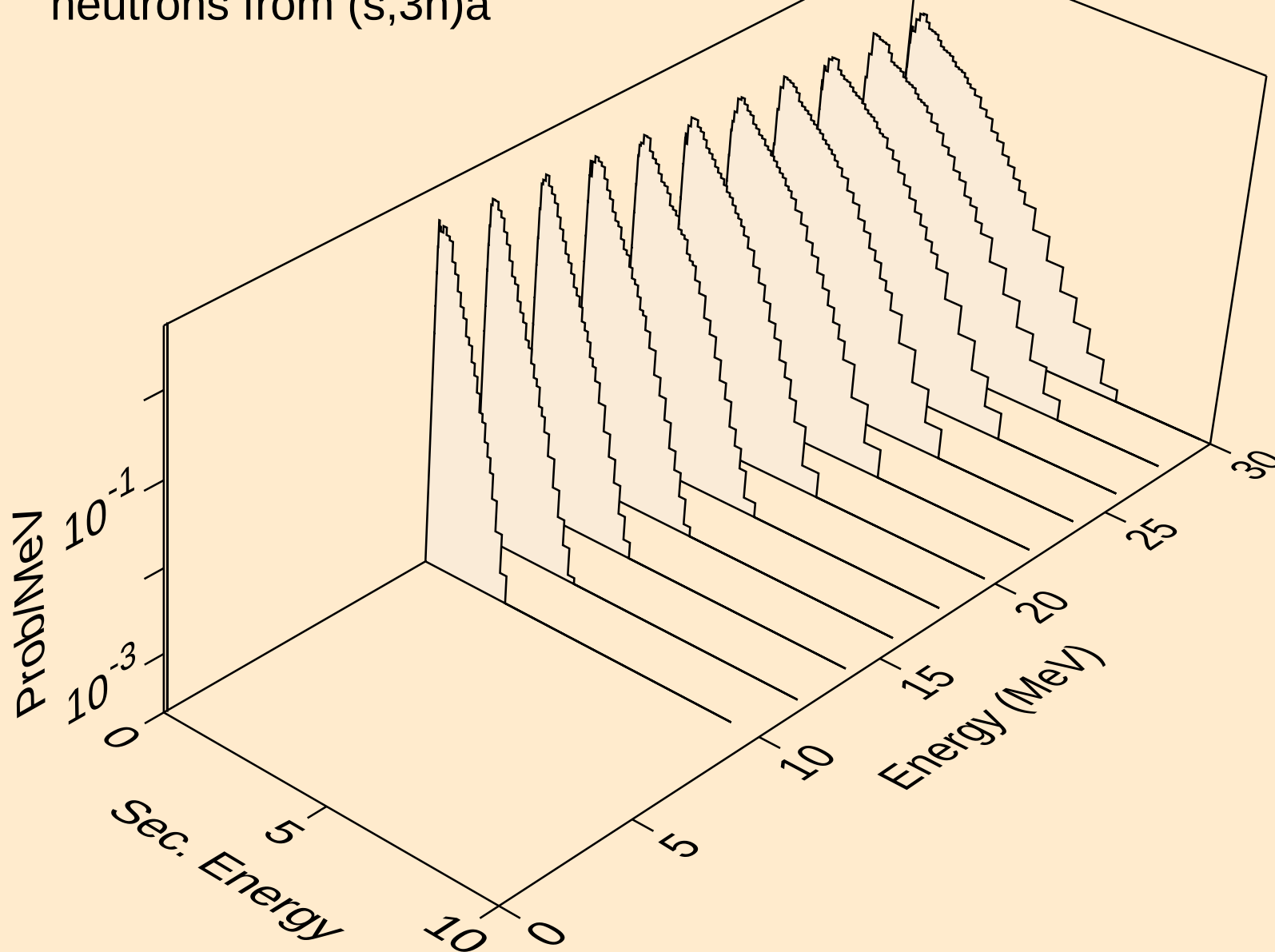
HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)a



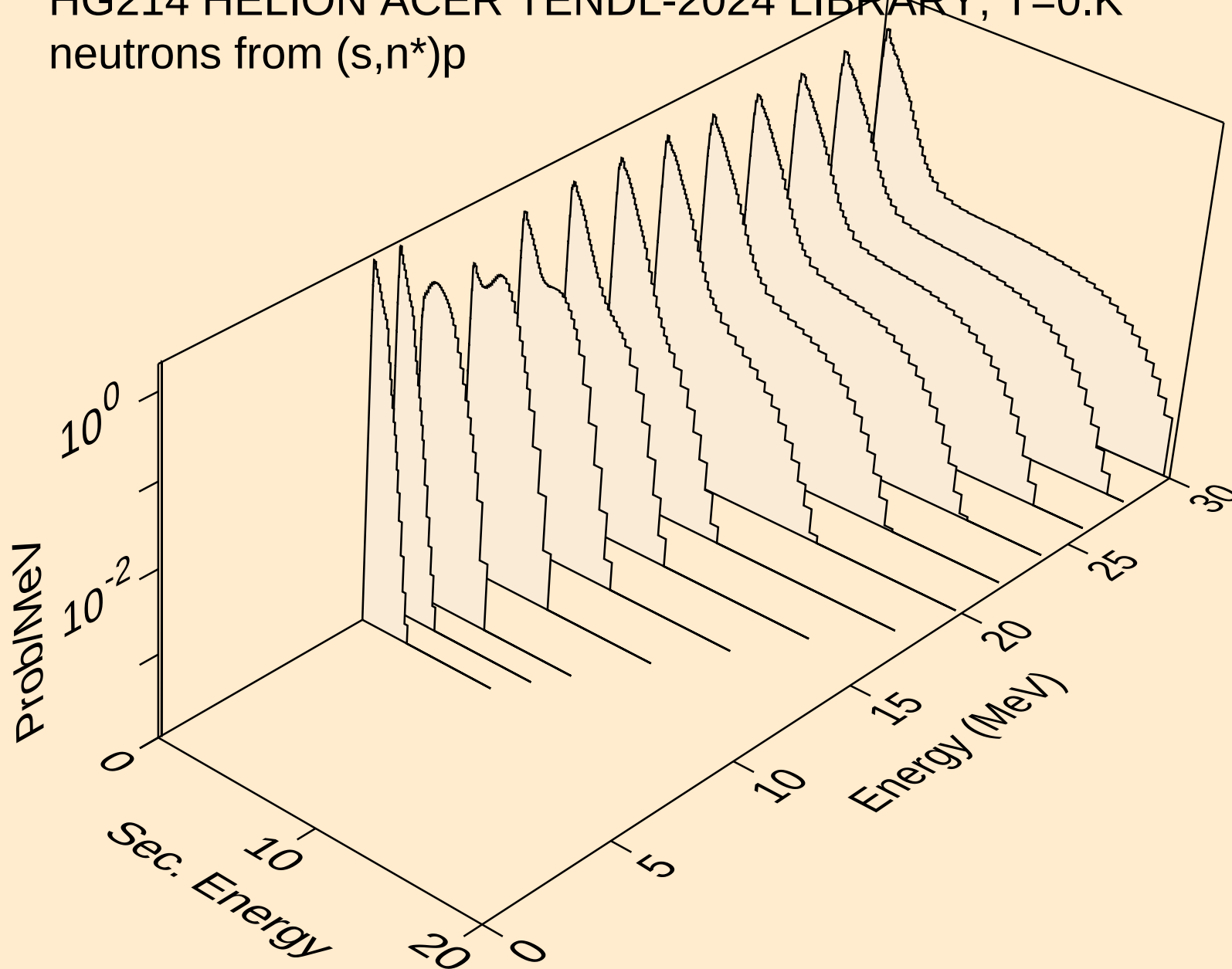
HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2n)a



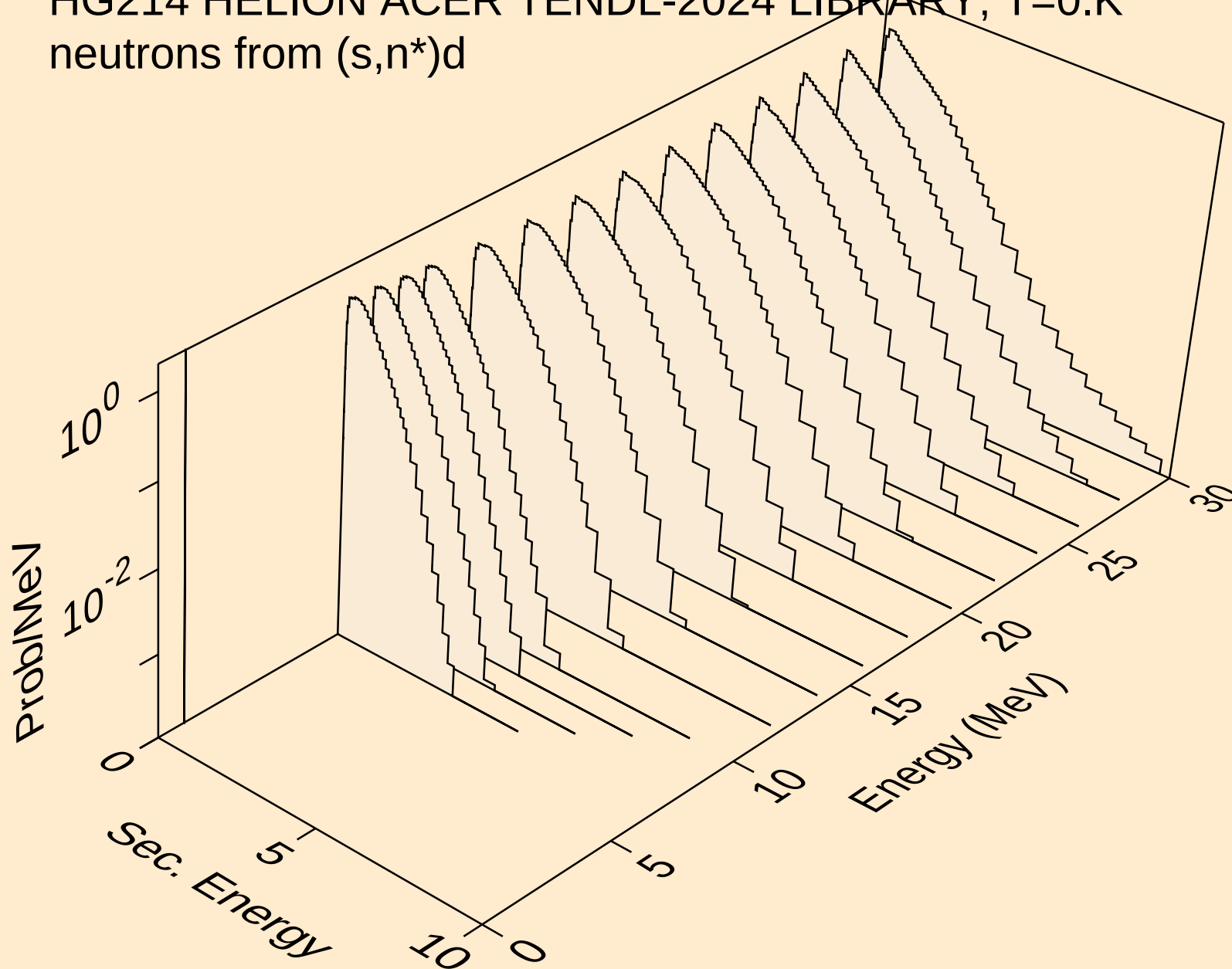
HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,3n)a



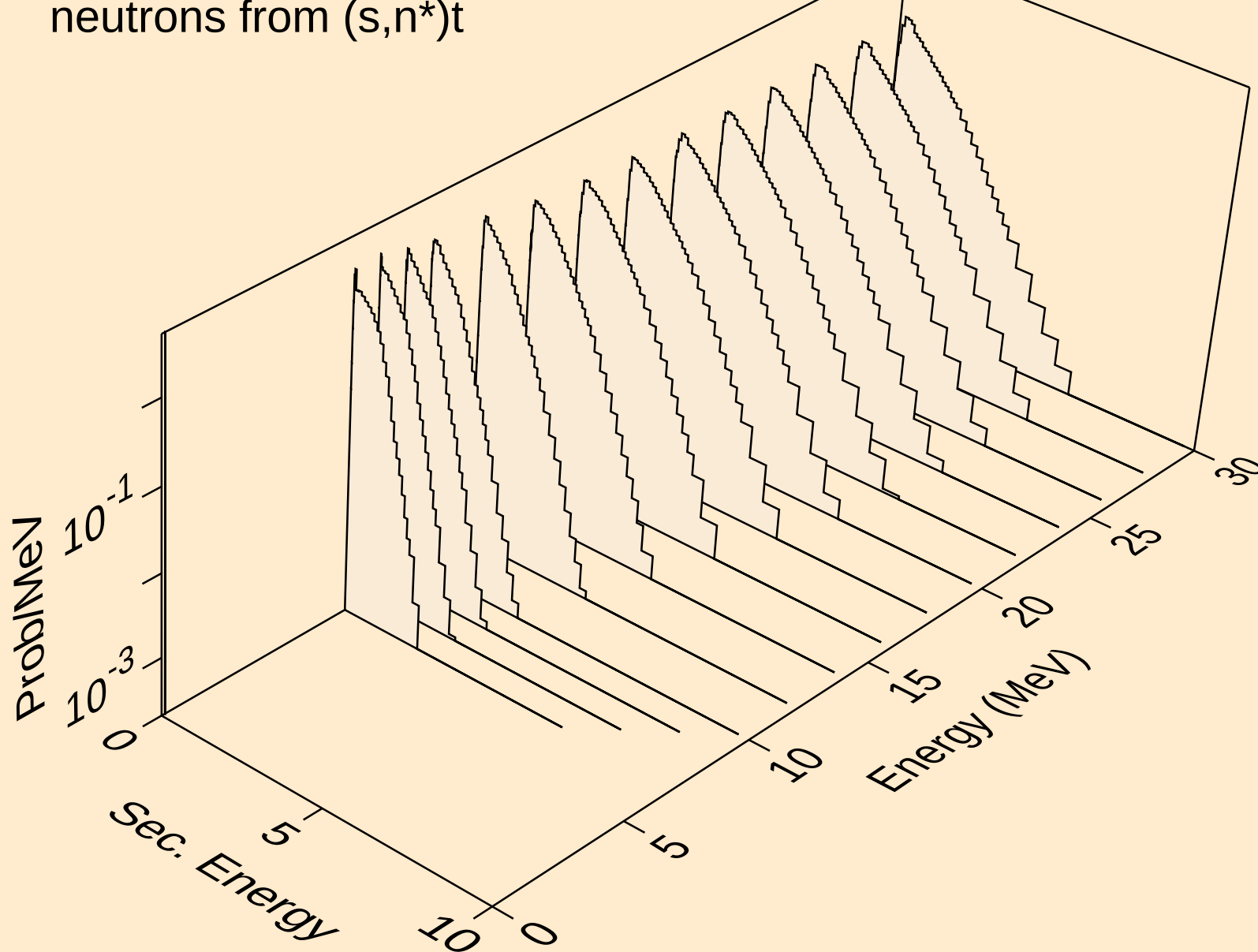
HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)p



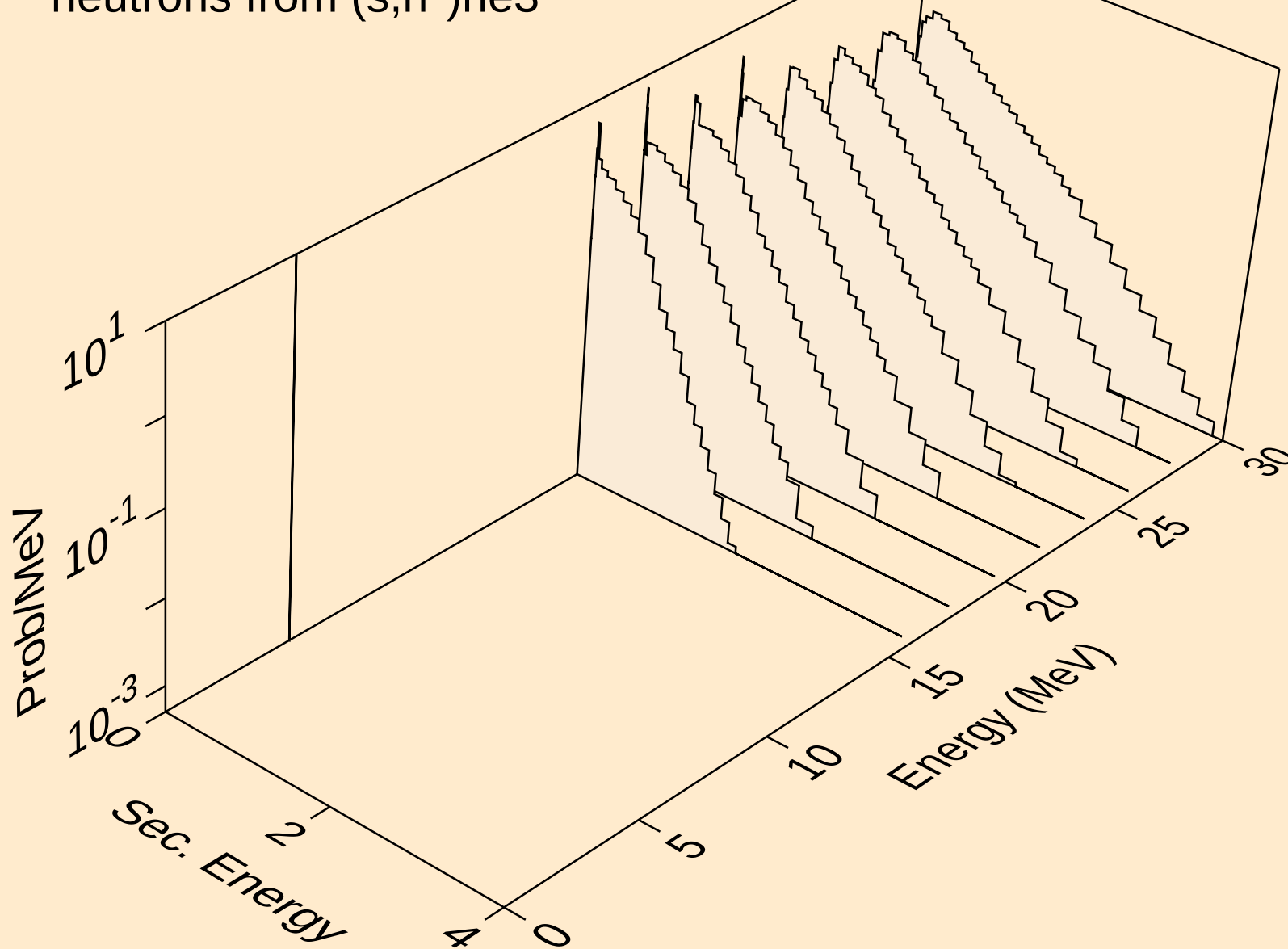
HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)d



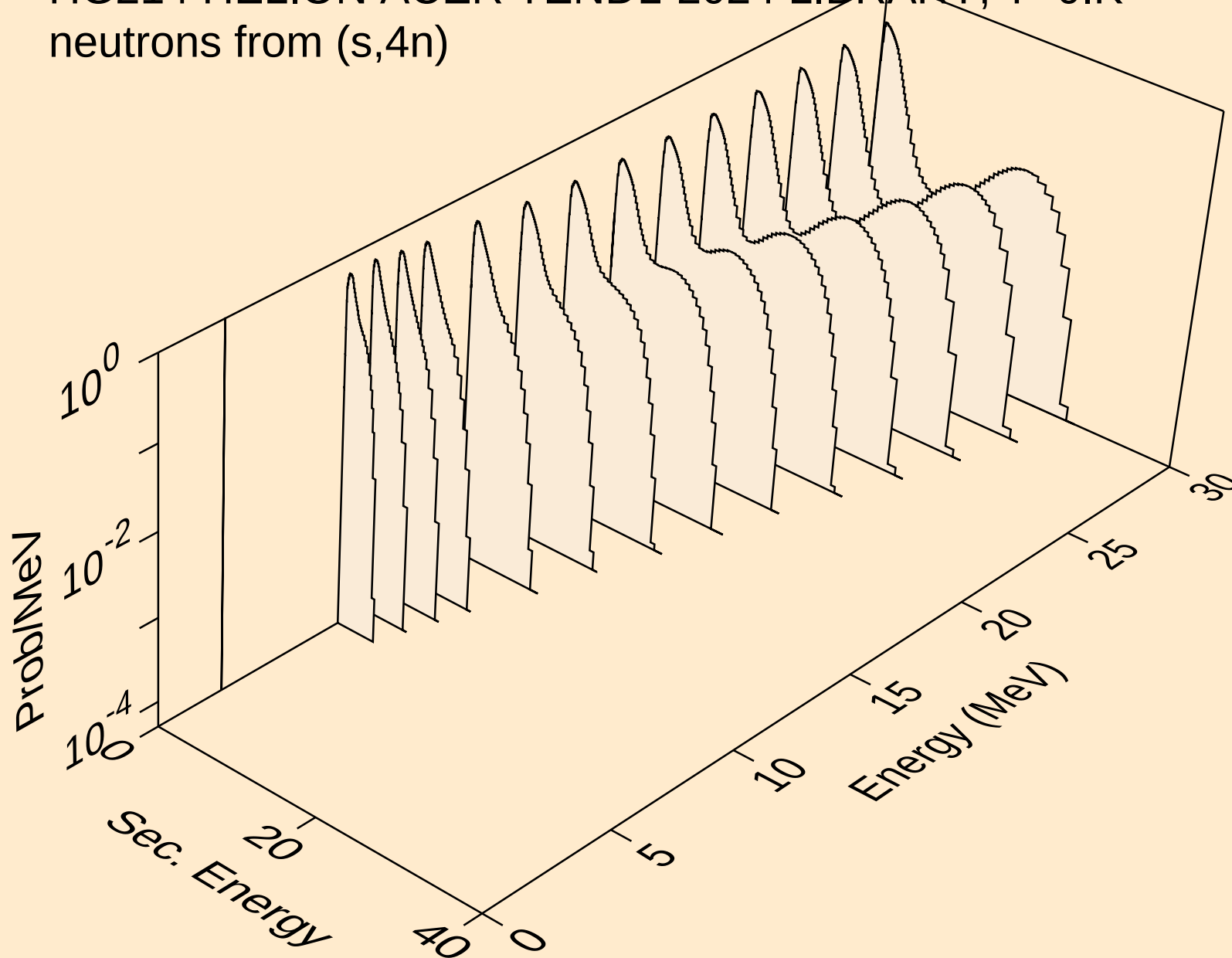
HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)t



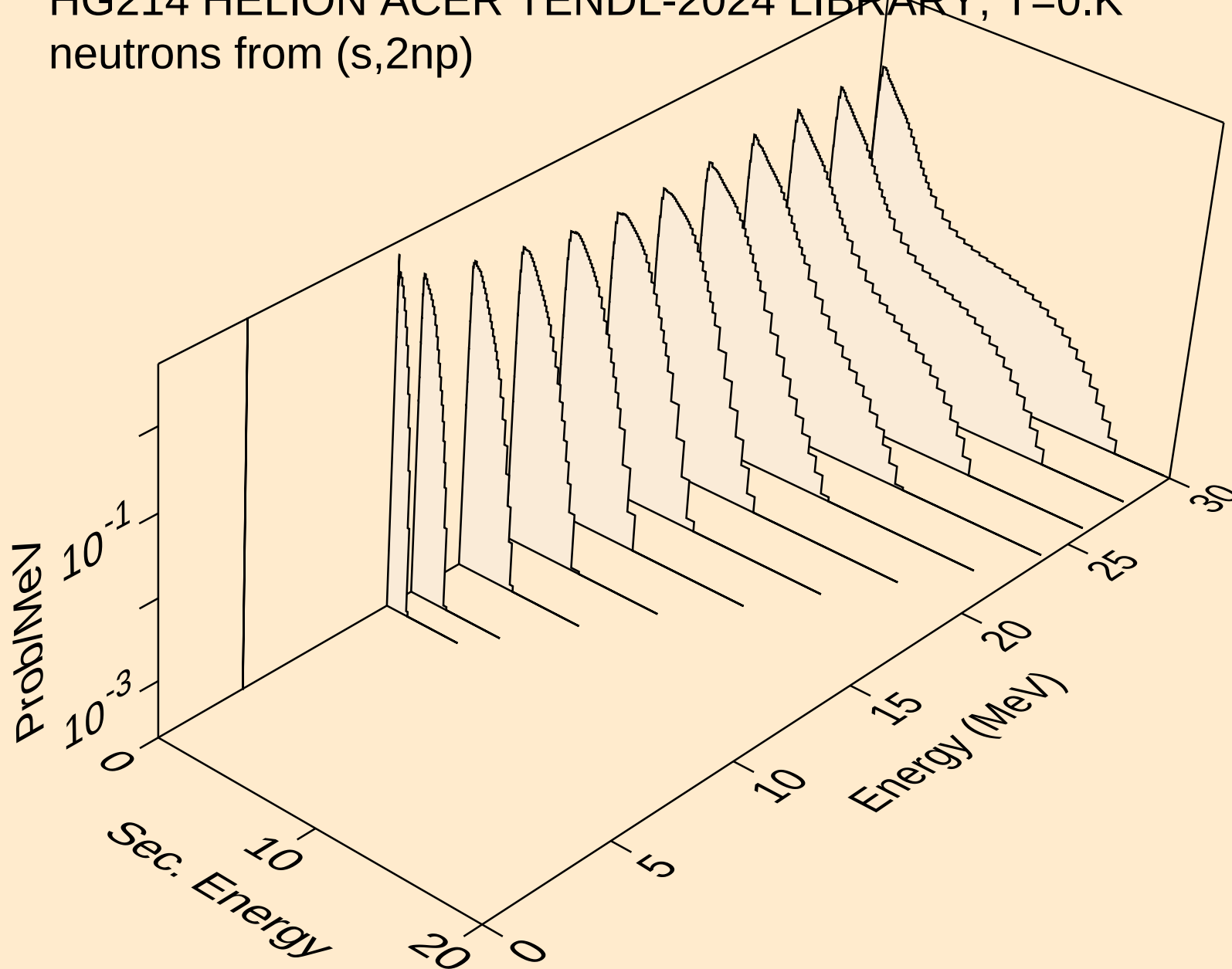
HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



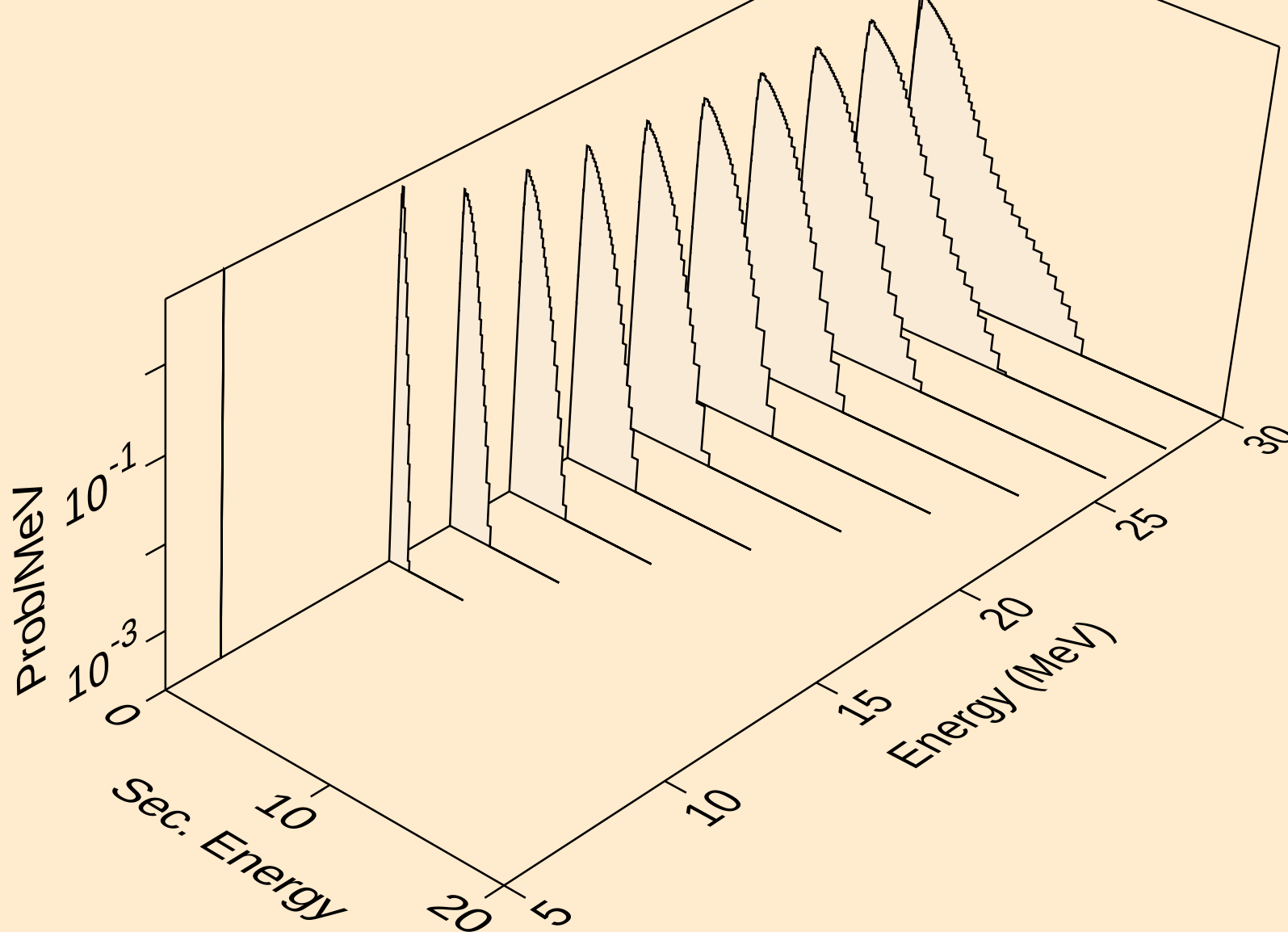
HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,4n)



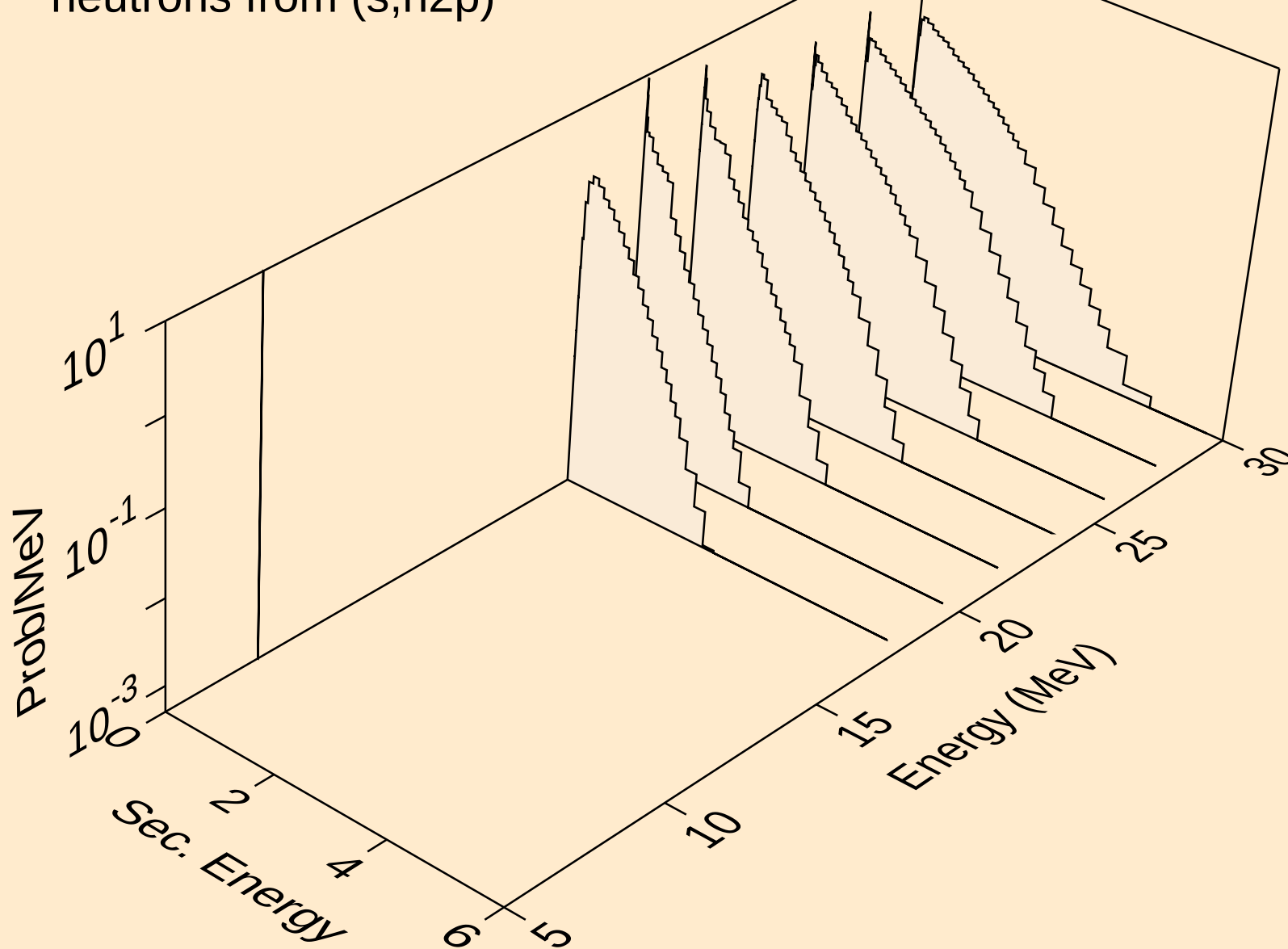
HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2np)



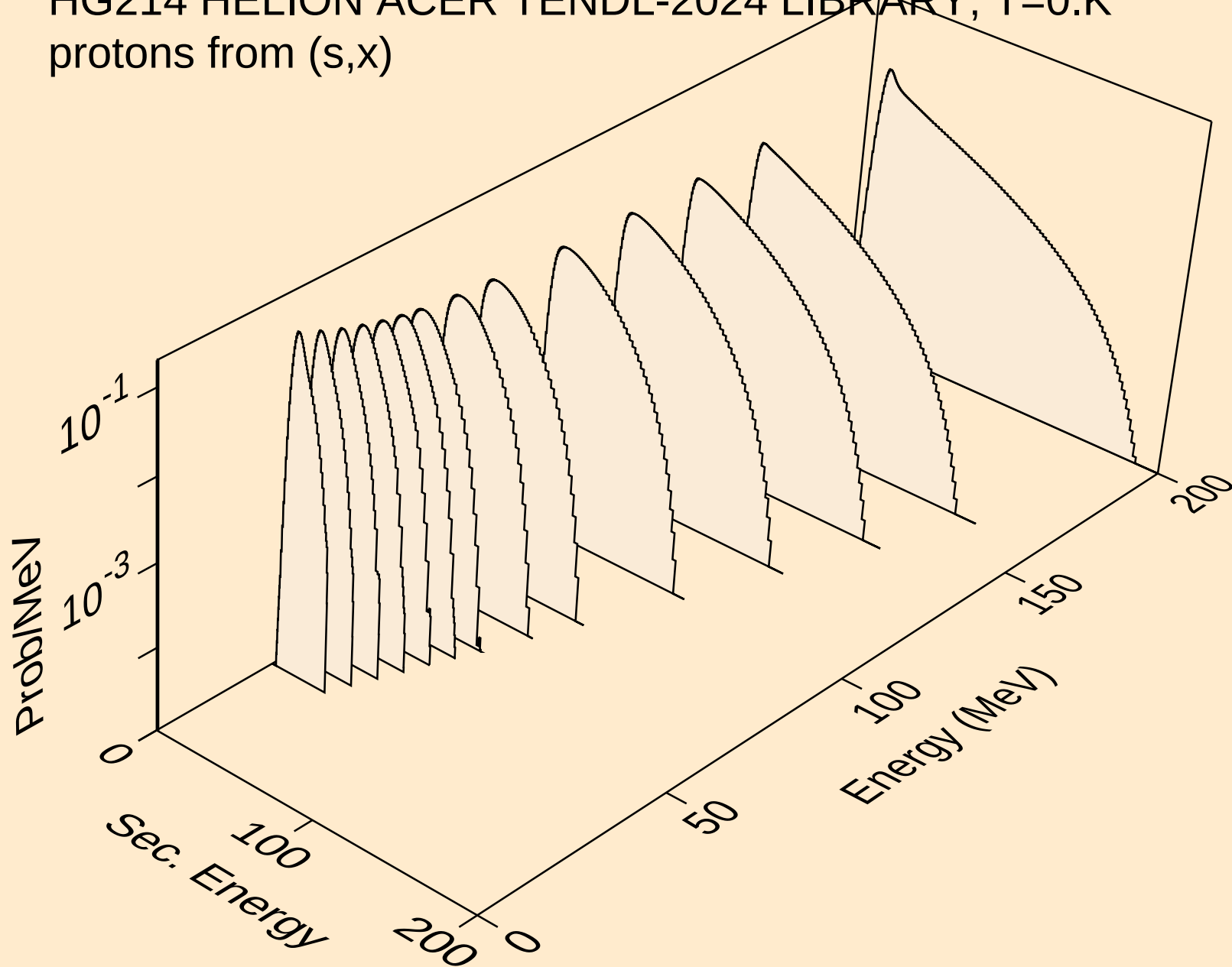
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neutrons from (s,3np)



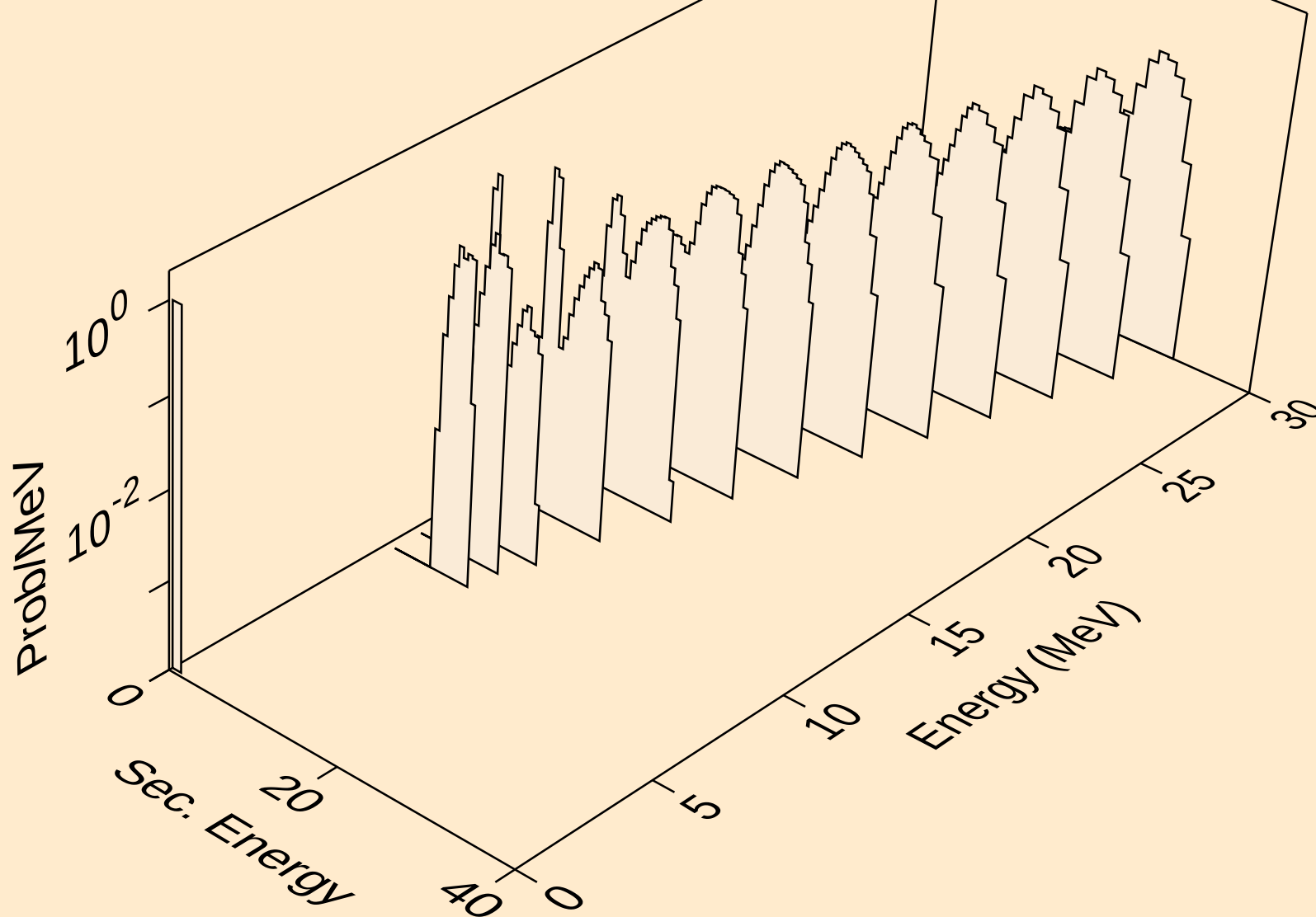
HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n2p)



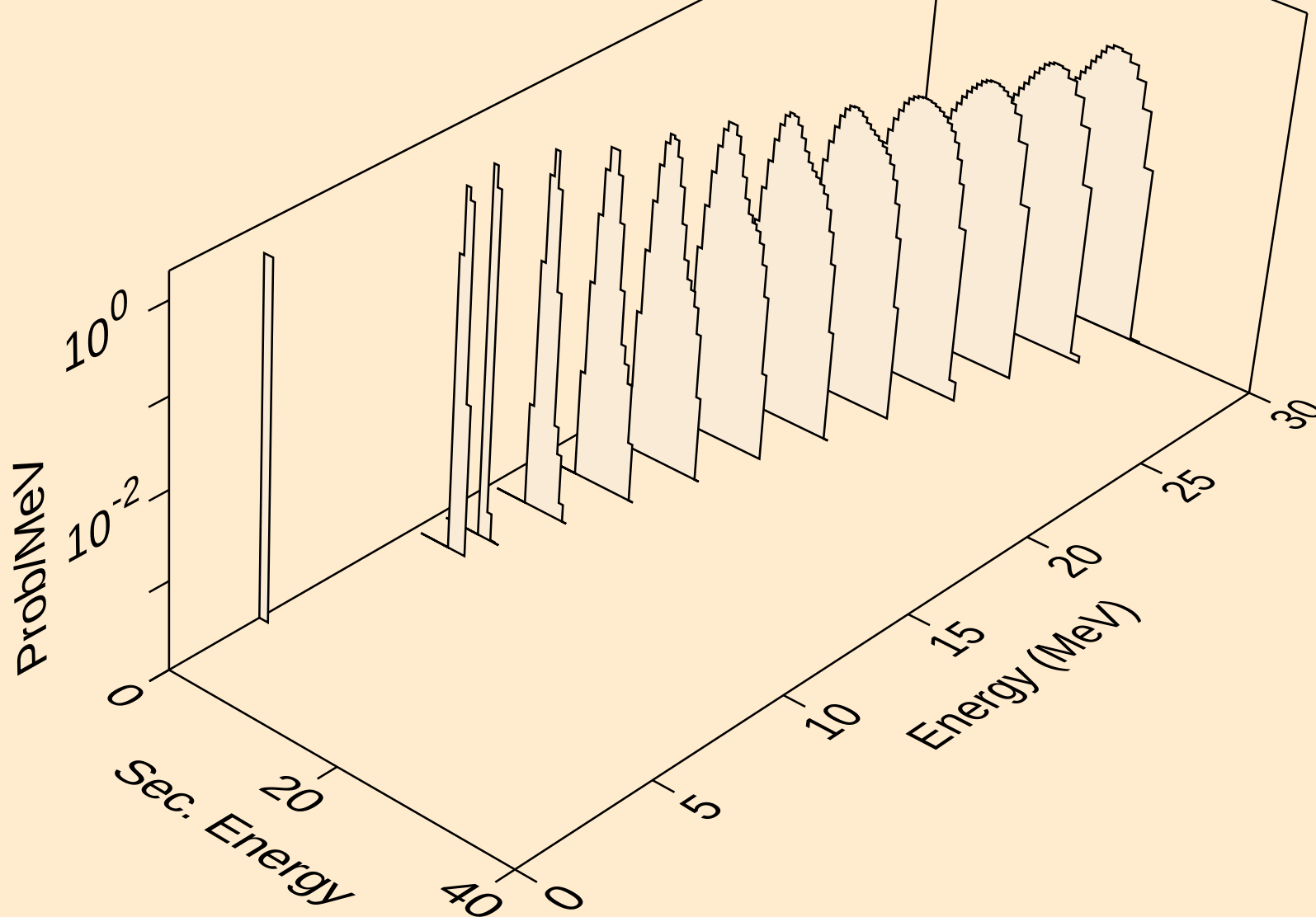
HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,x)



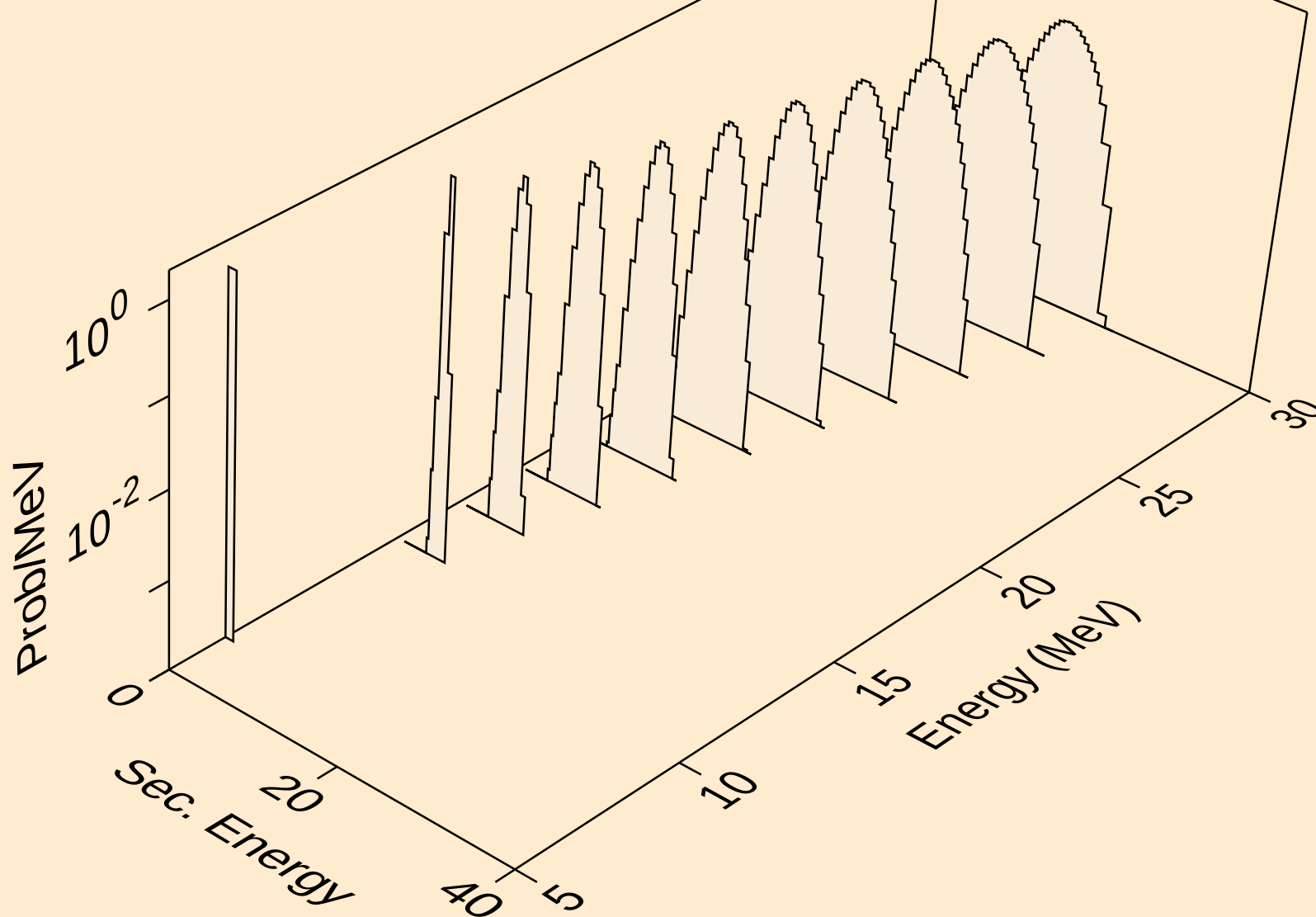
HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,n\*)p



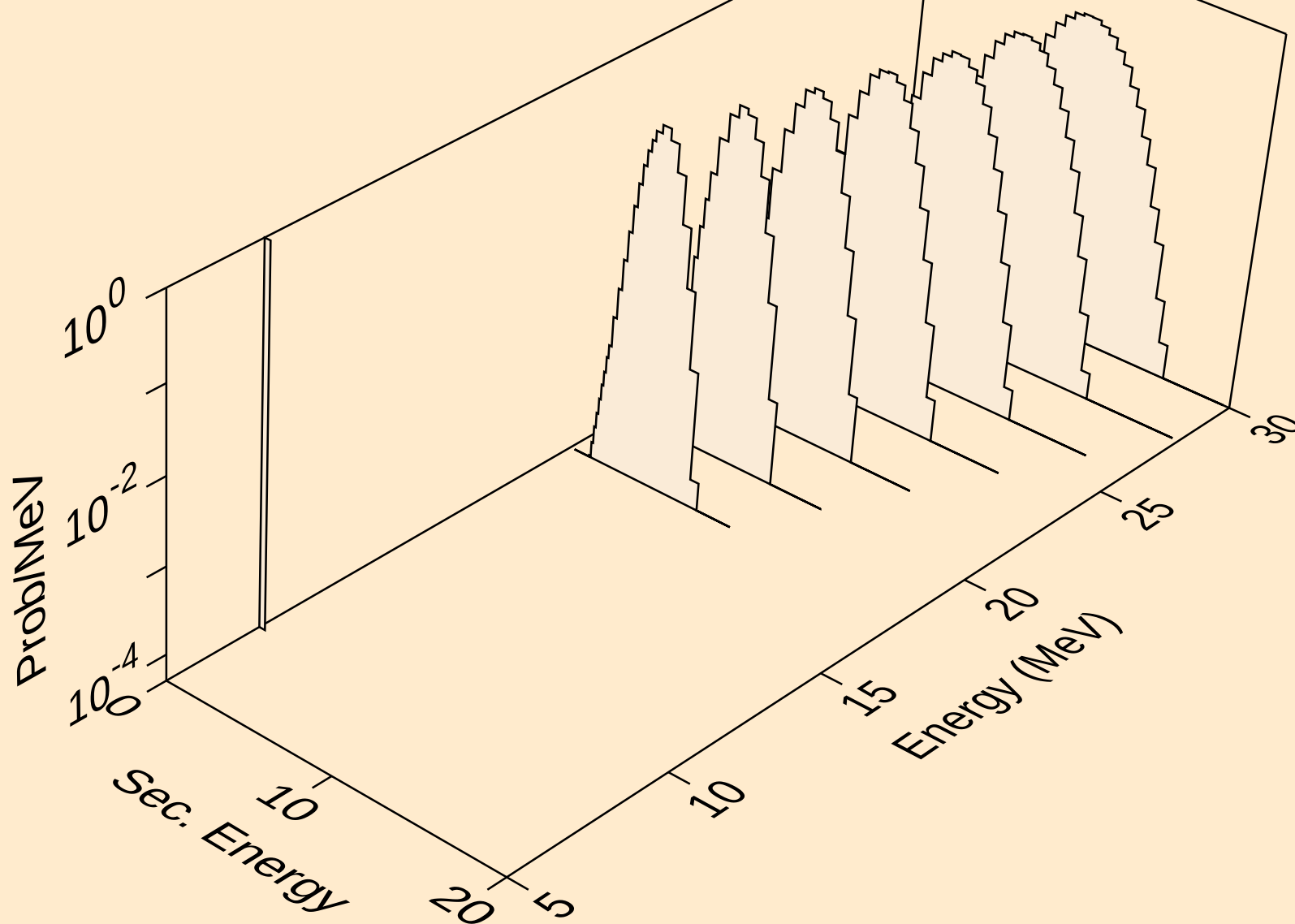
HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,2np)



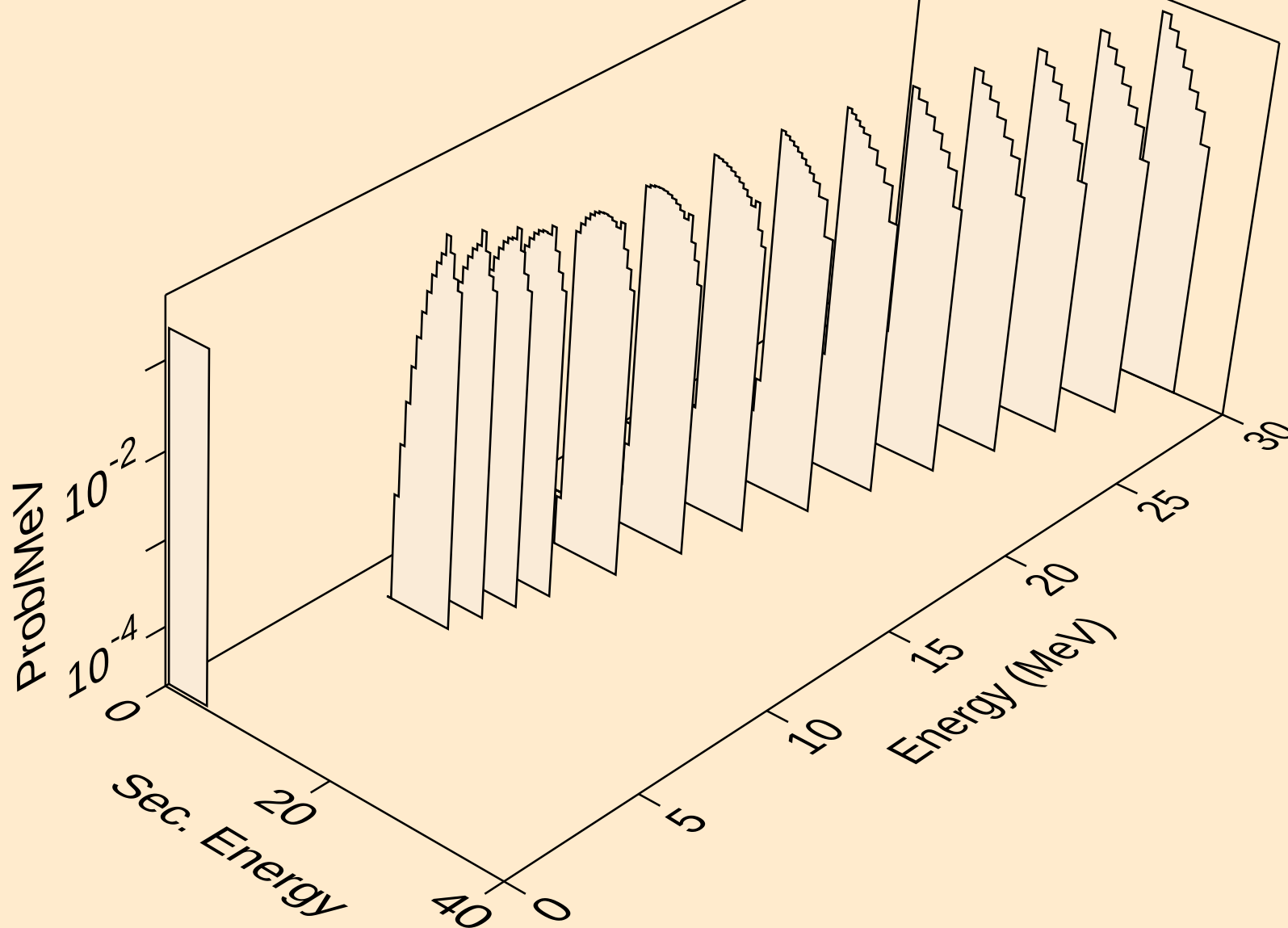
HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,3np)



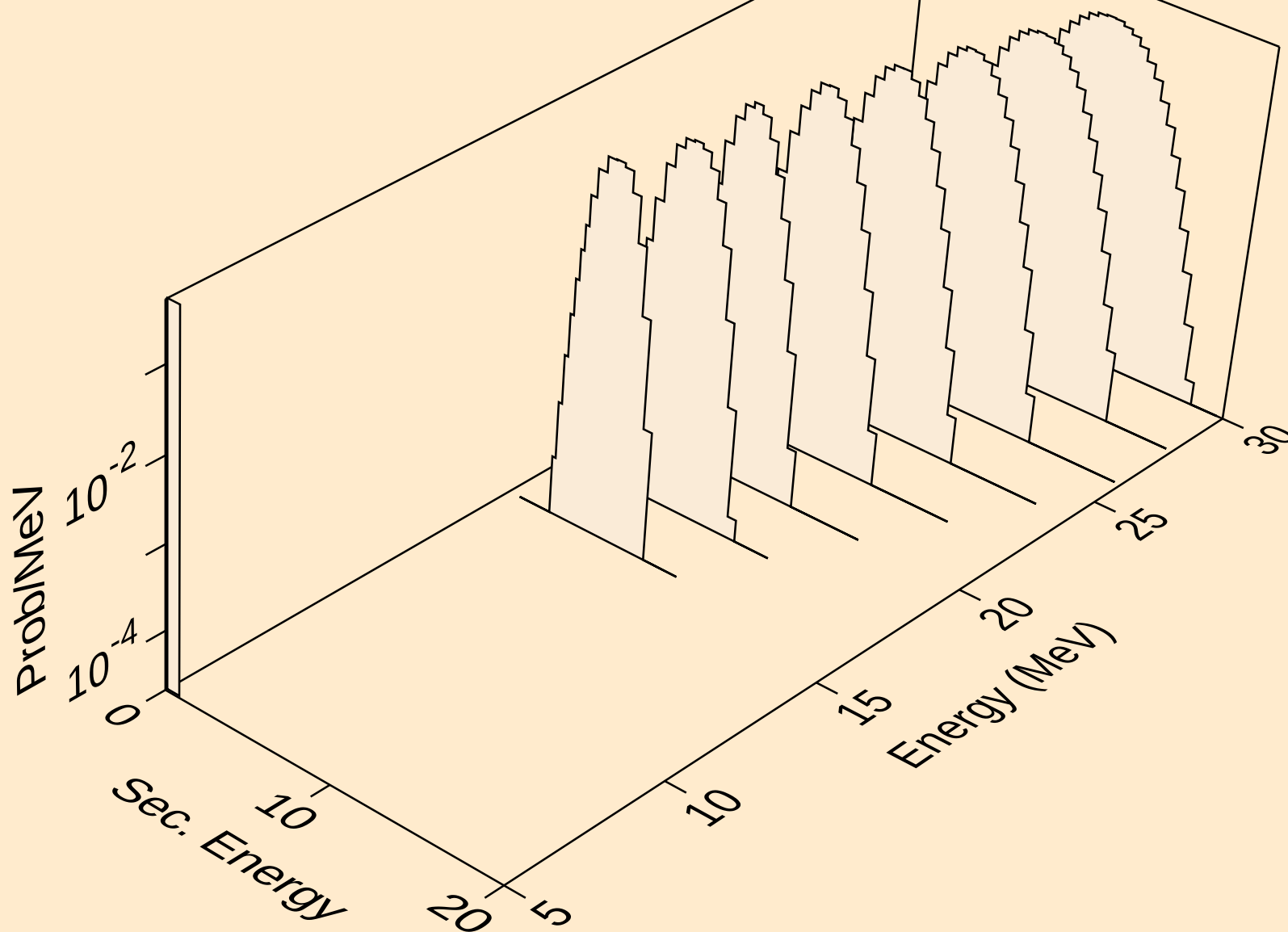
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protons from (s,n2p)



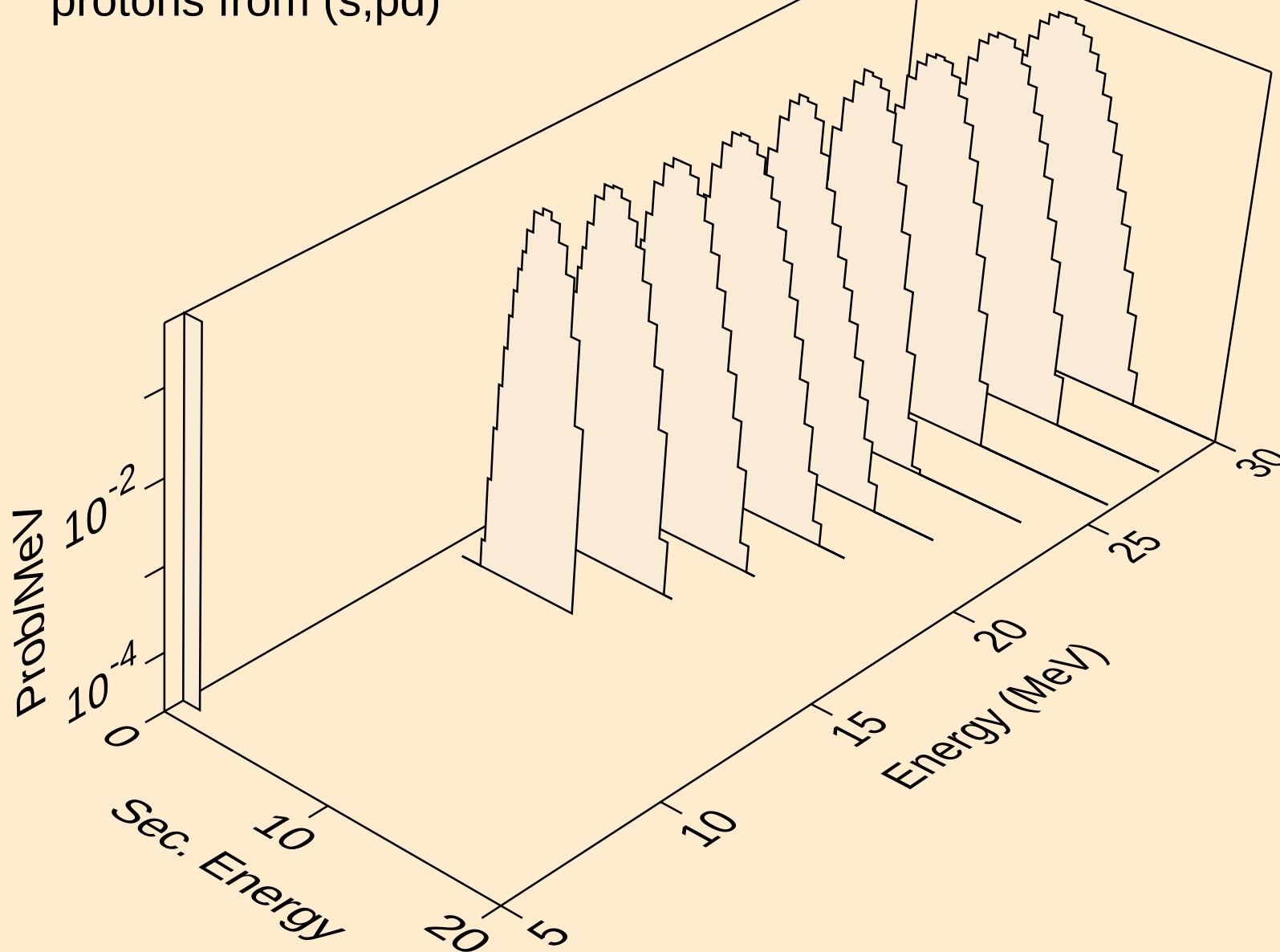
HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,p)



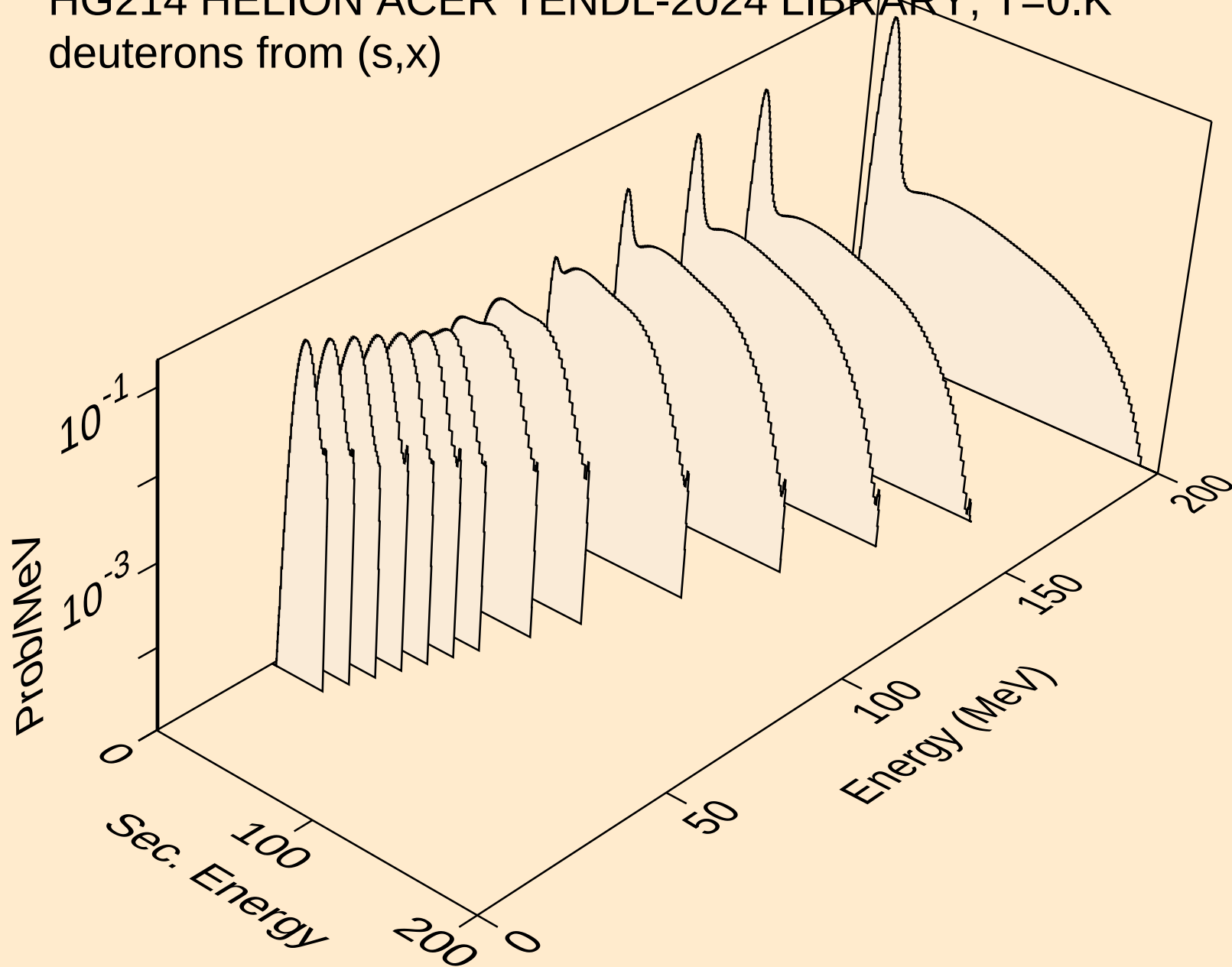
HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,2p)



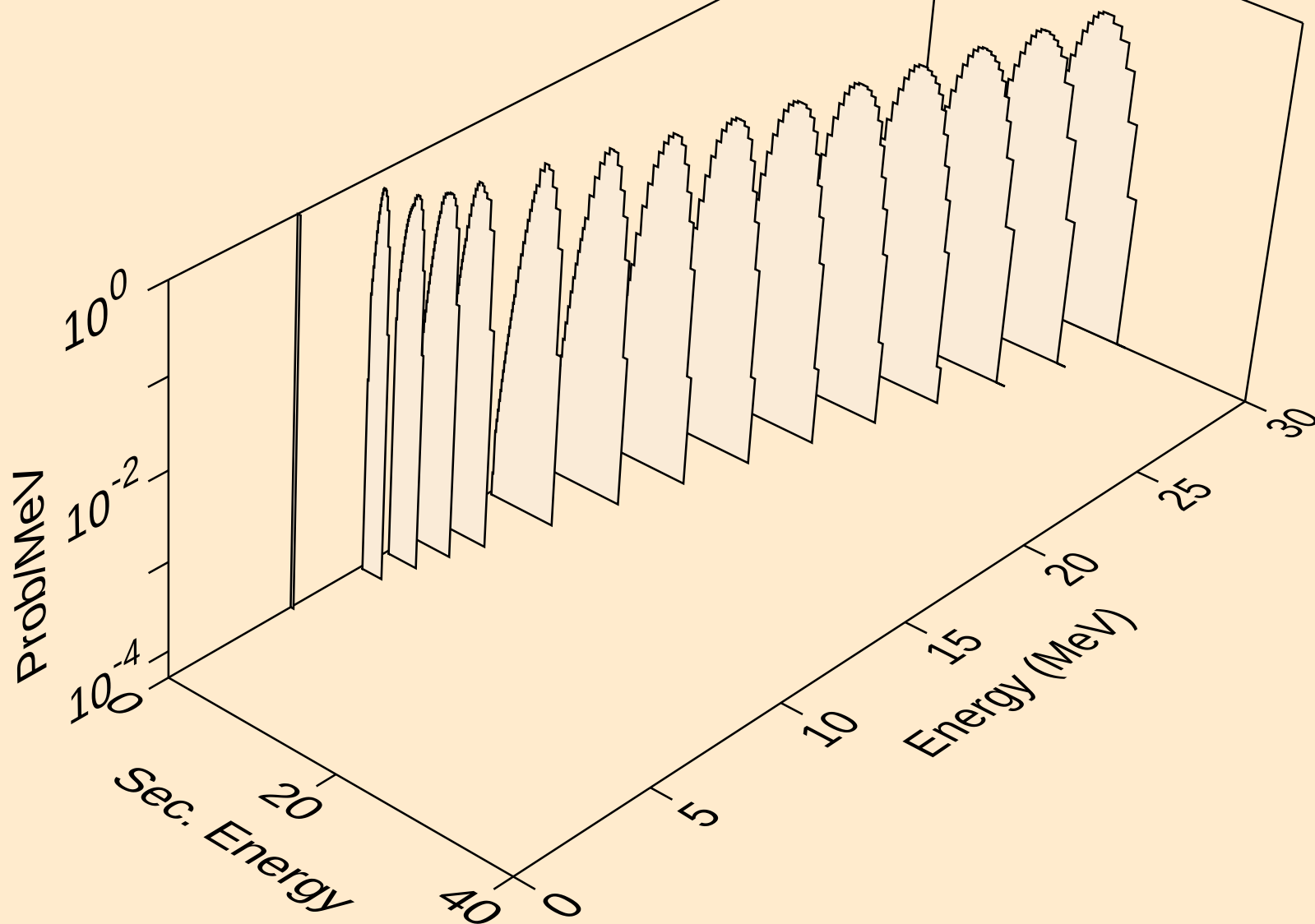
HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,pd)



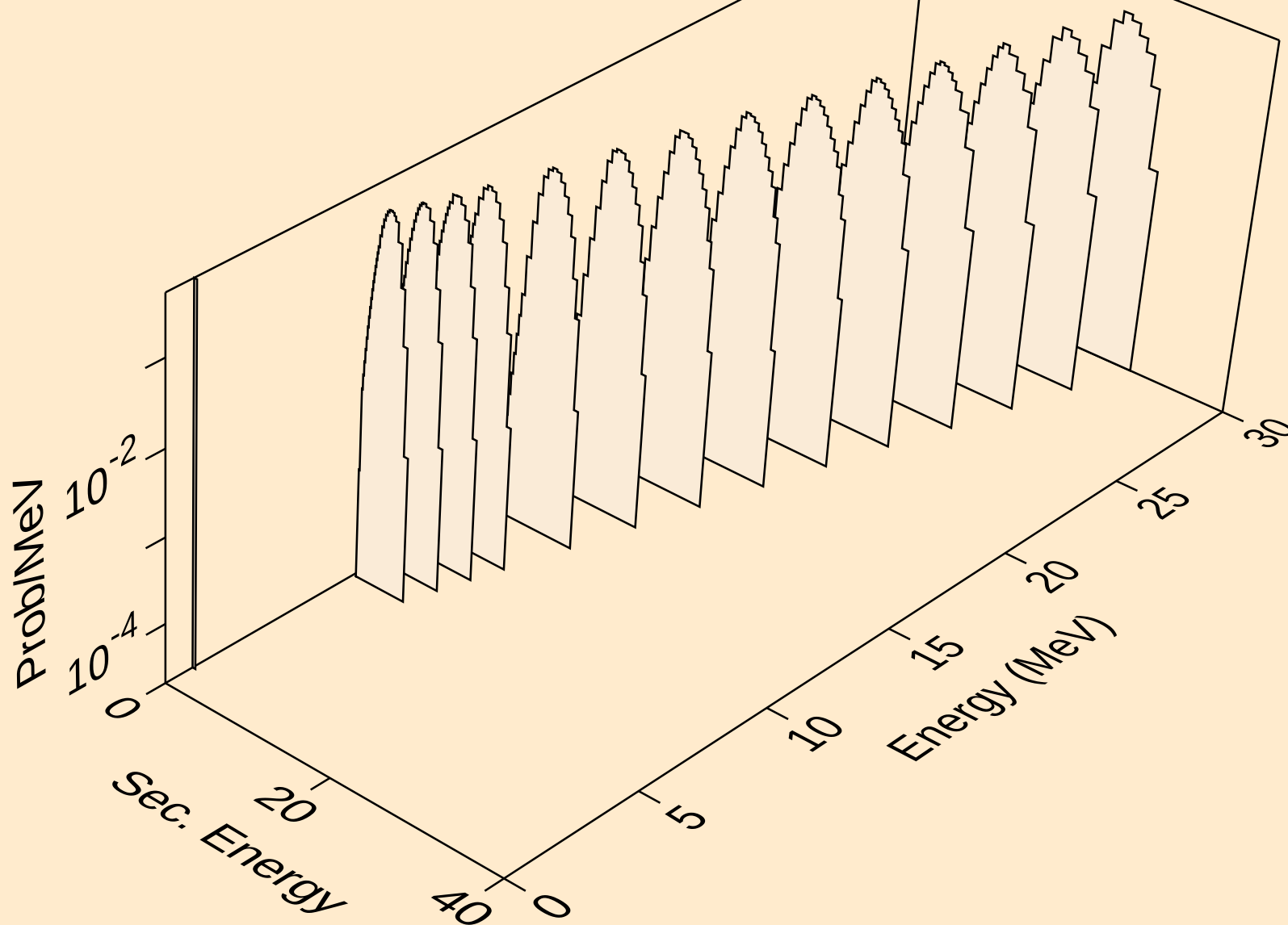
HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,x)



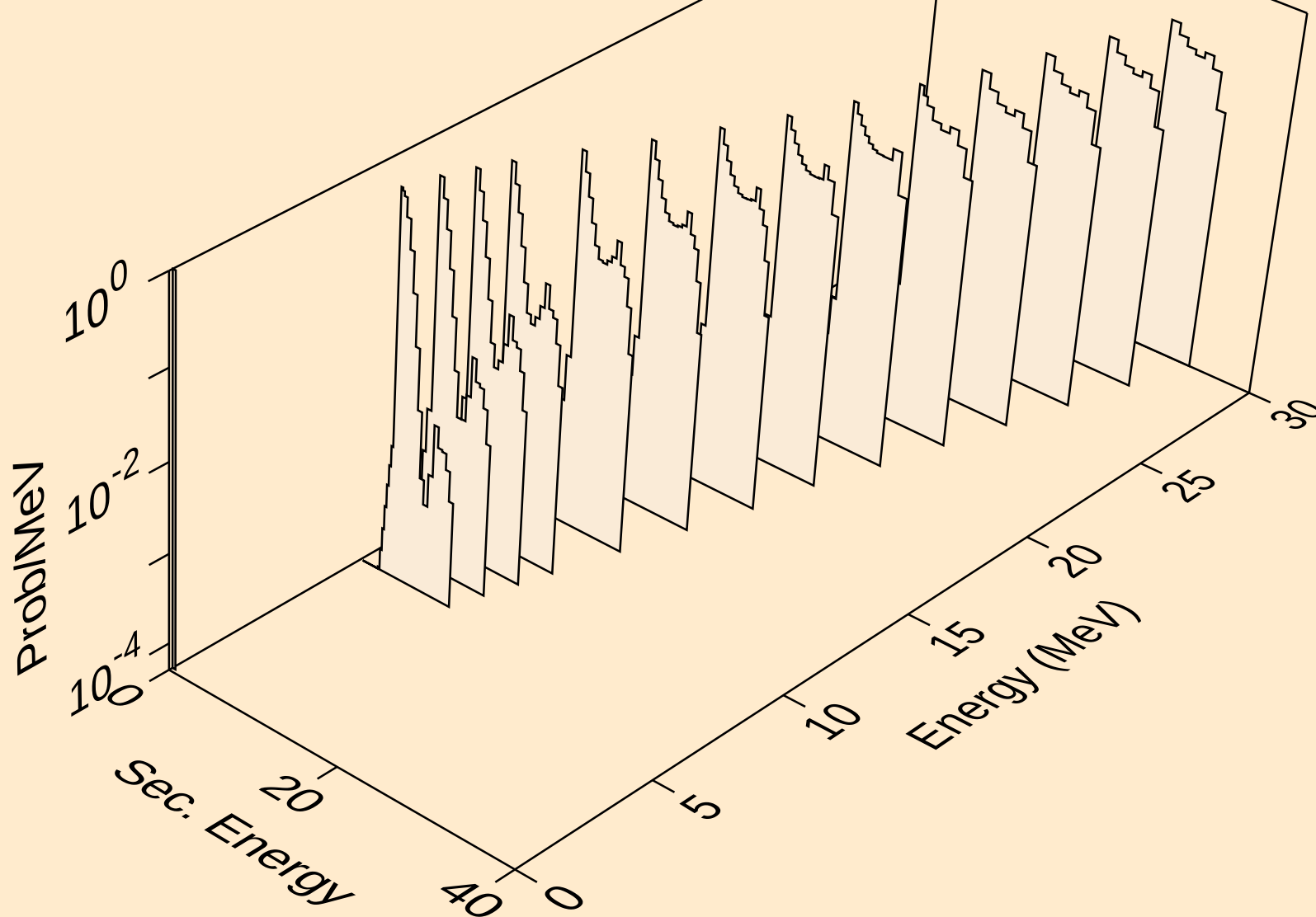
HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,2nd)



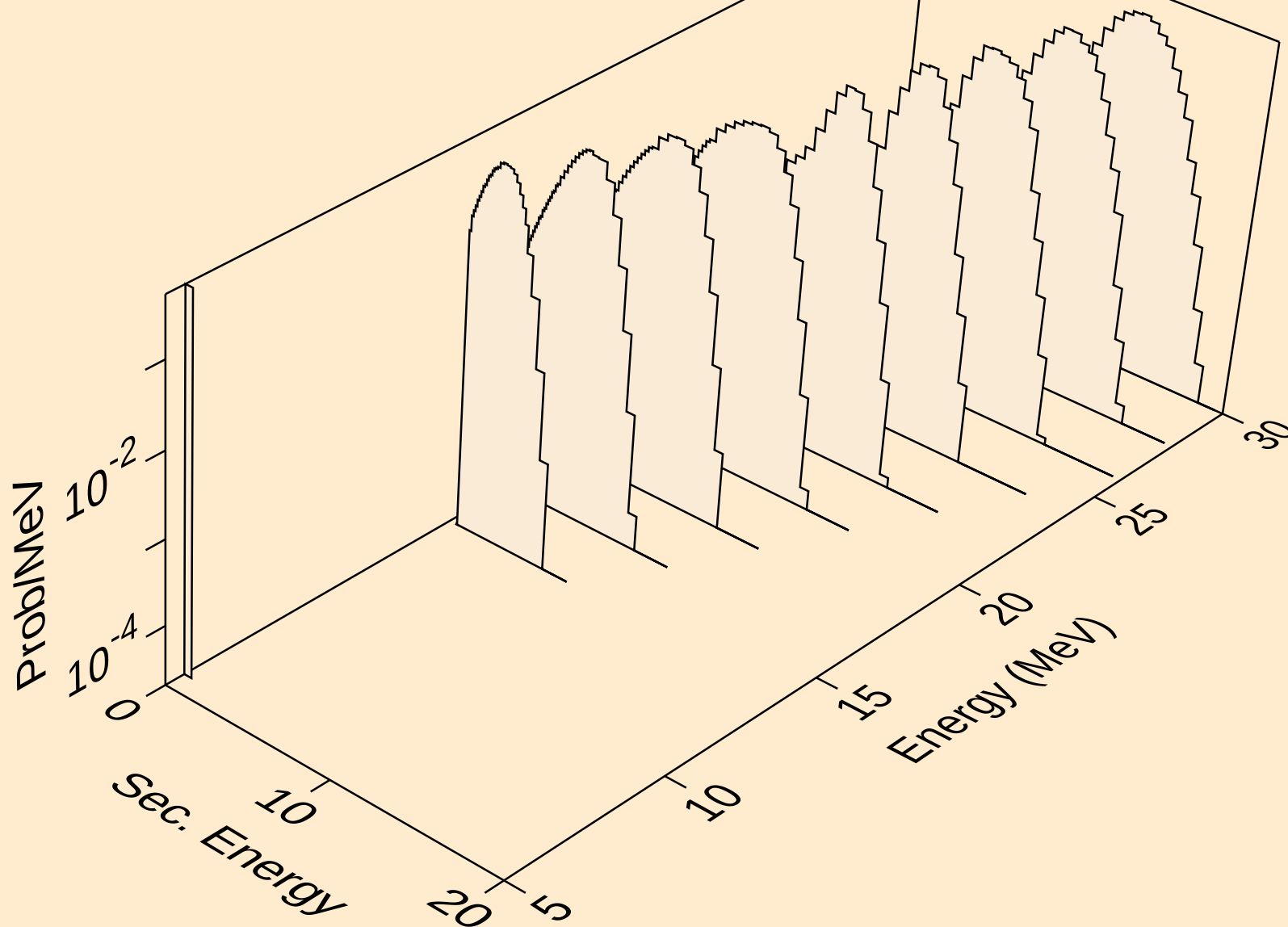
HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,n\*)d



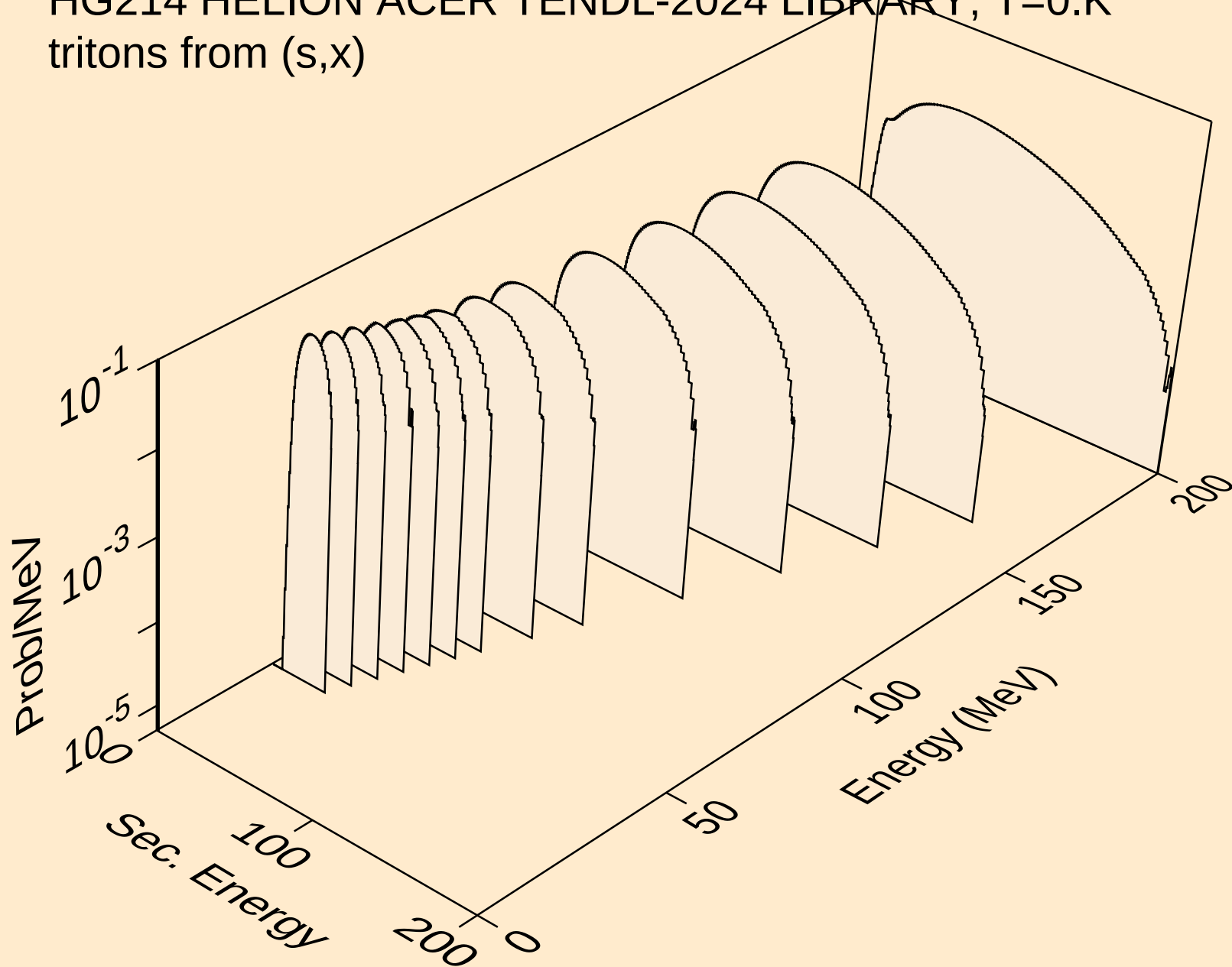
HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,d)



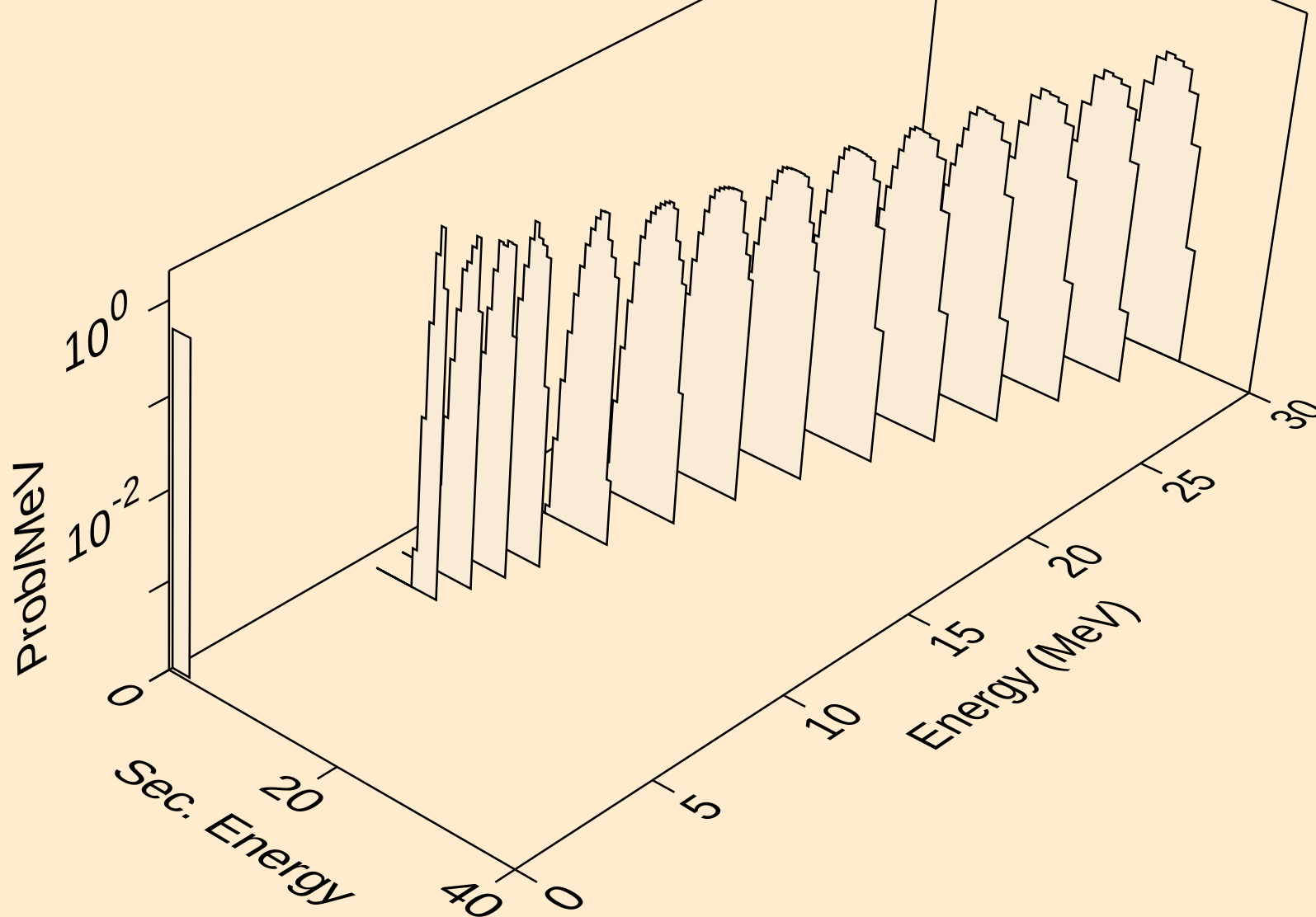
HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,pd)



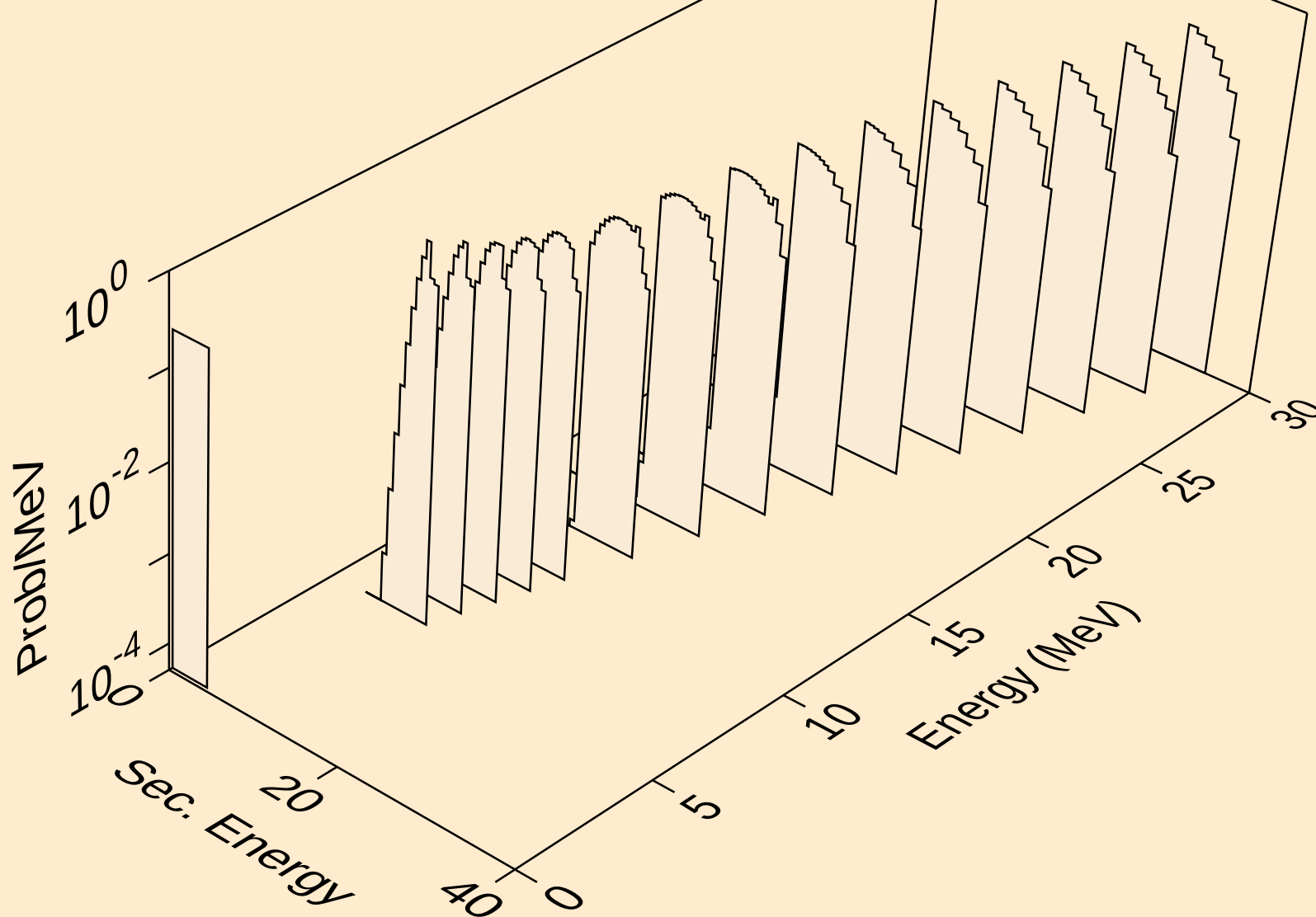
HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (s,x)



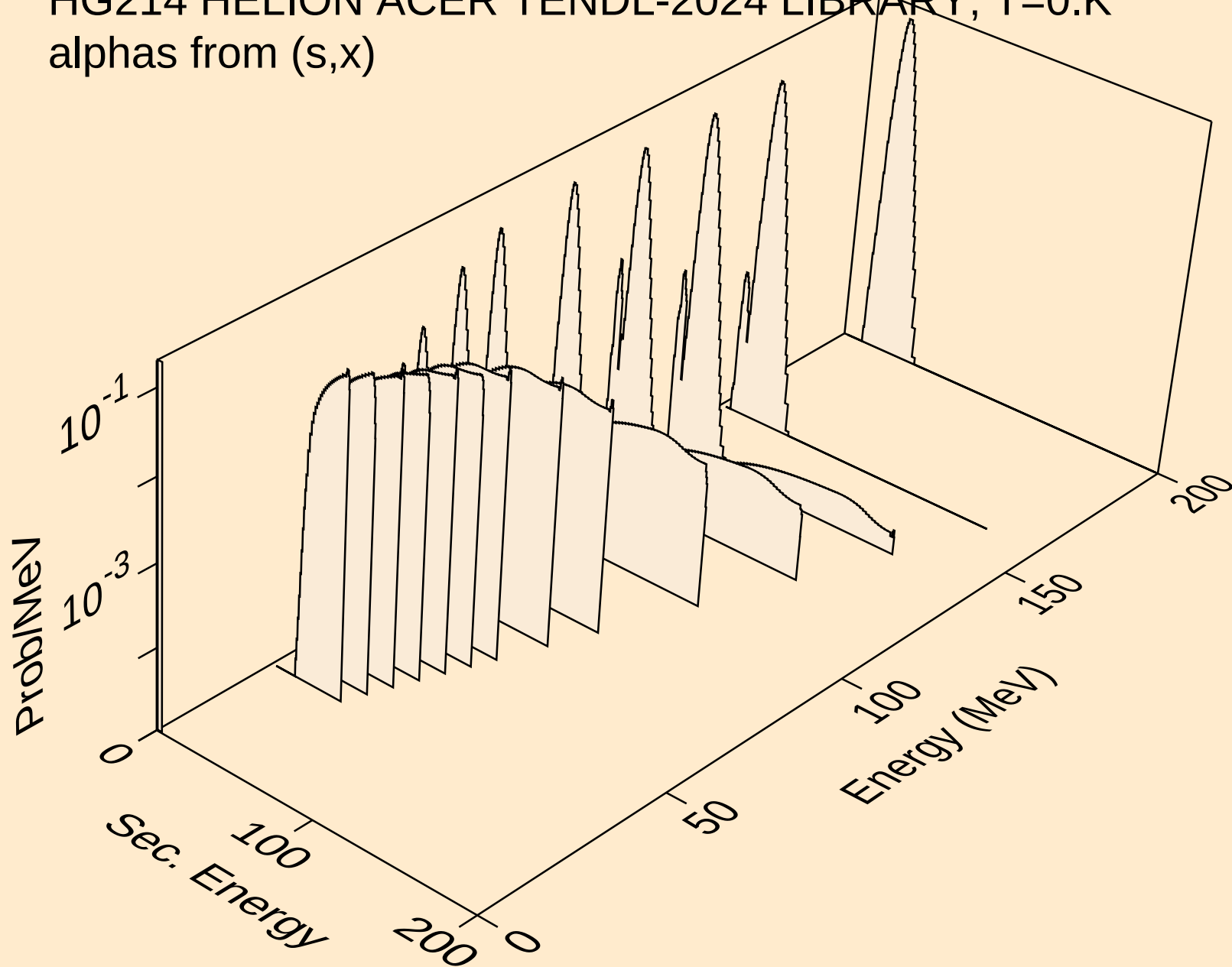
HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (s,n\*)t



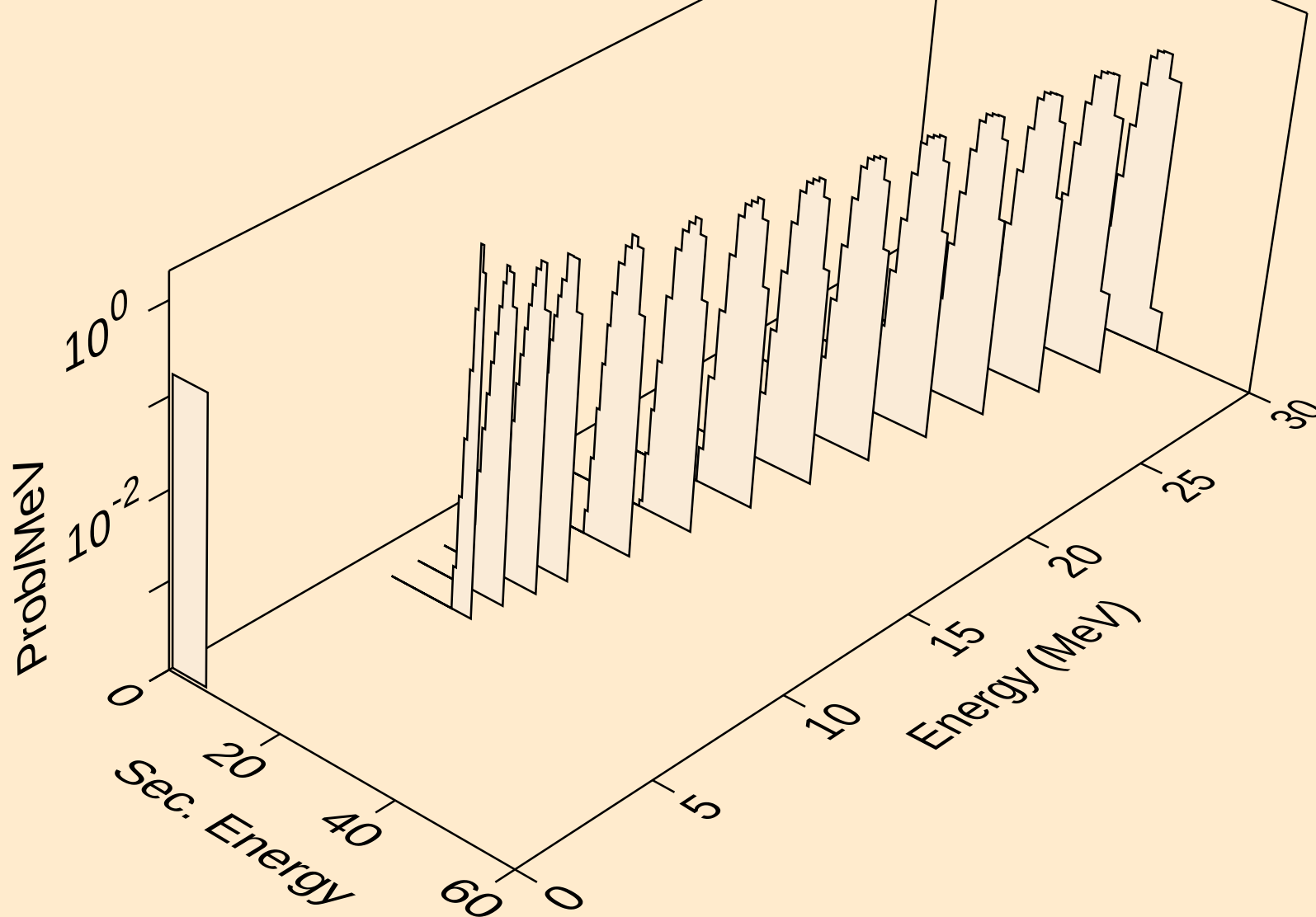
HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (s,t)



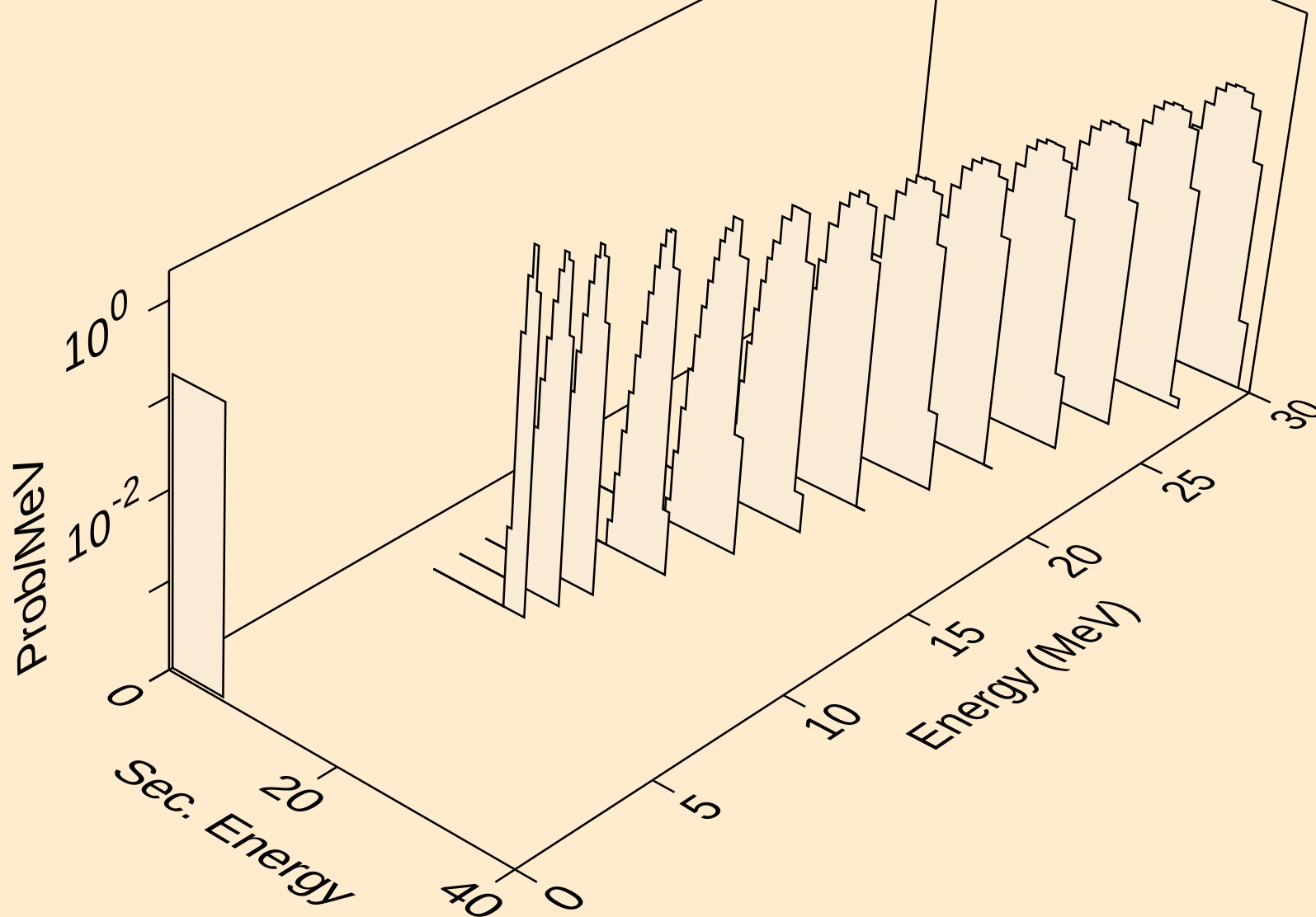
HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,x)



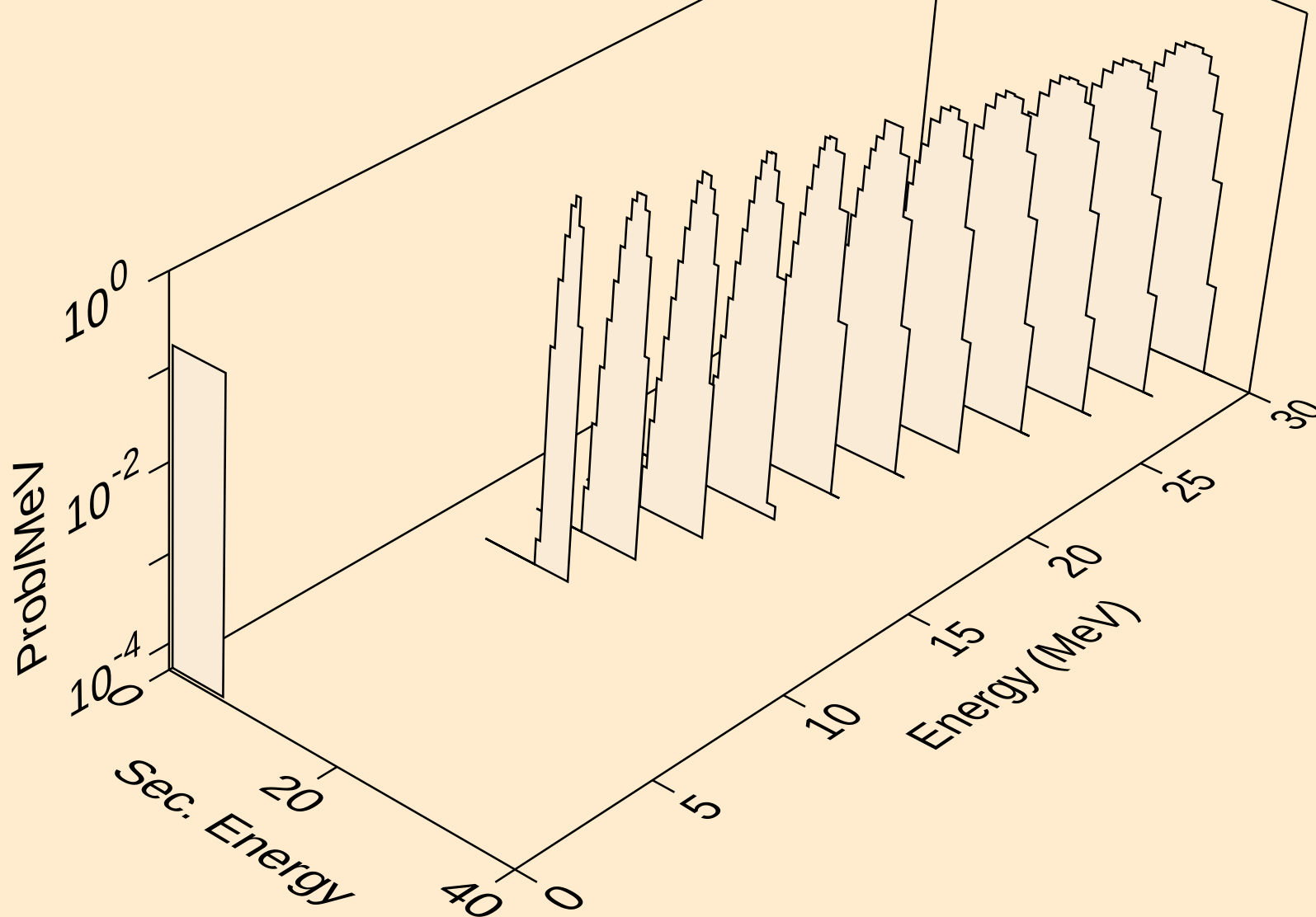
HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,n\*)a



HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,2n)a



HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,3n)a



HG214 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,a)

