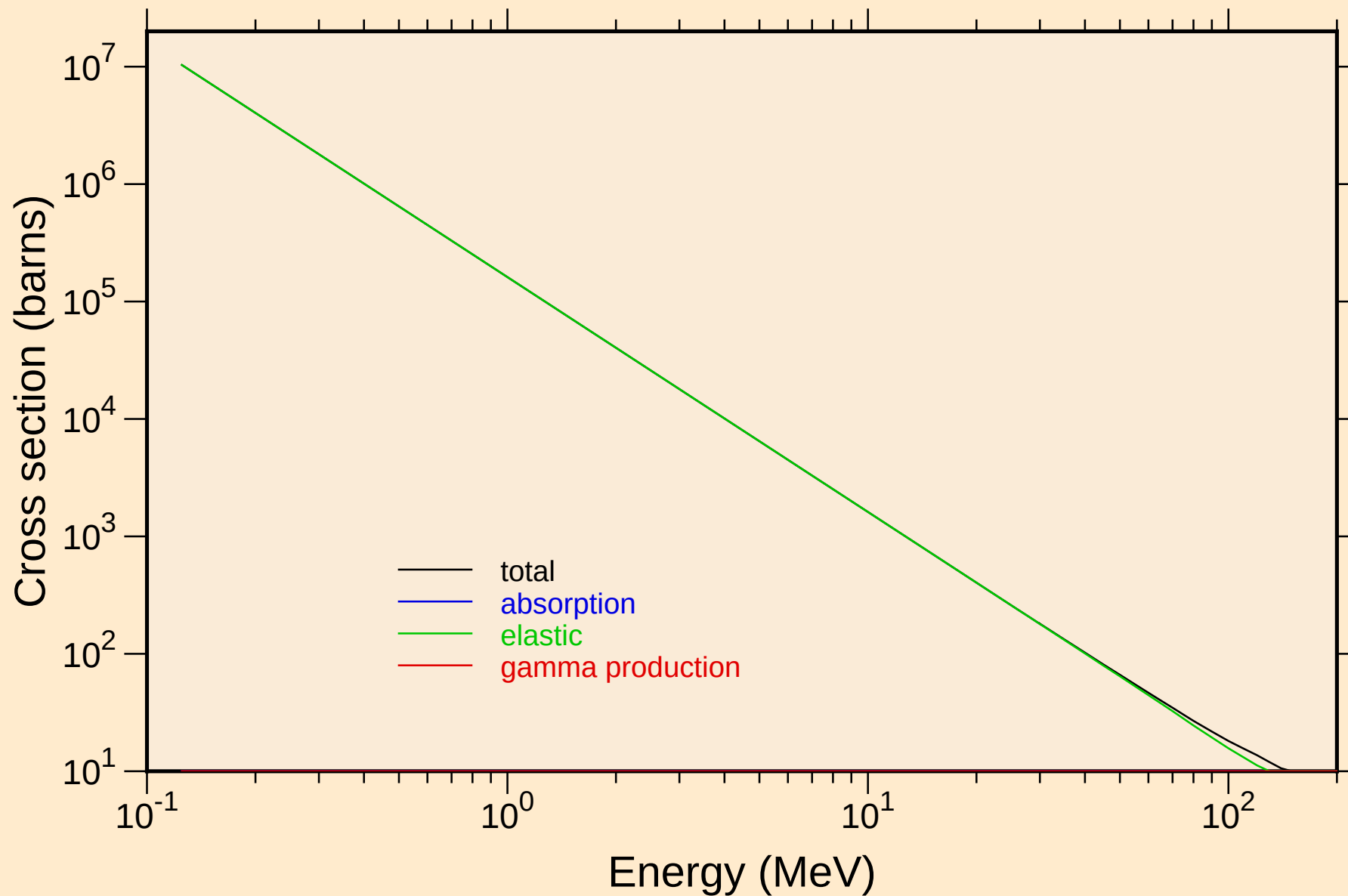


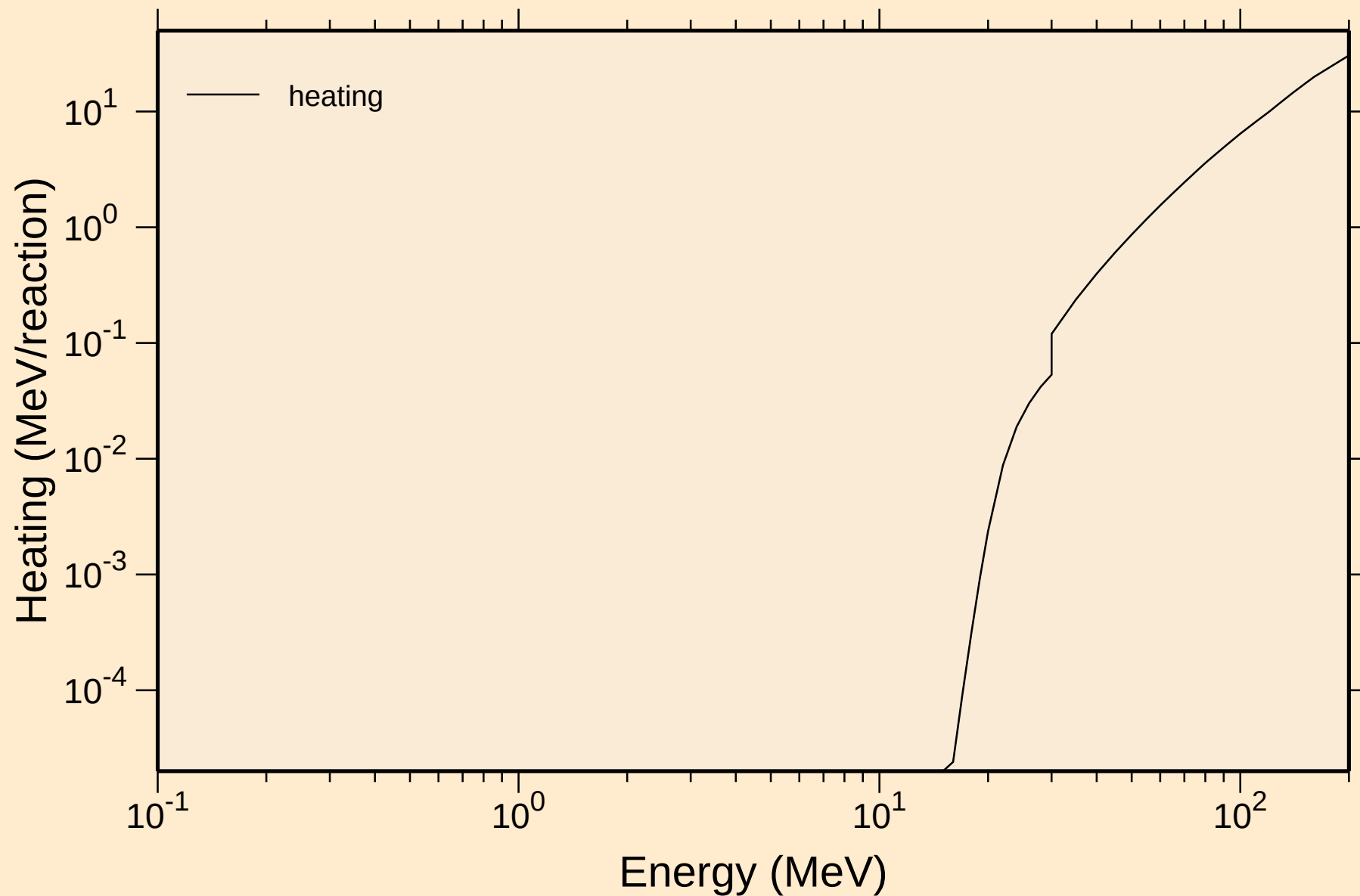
# HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



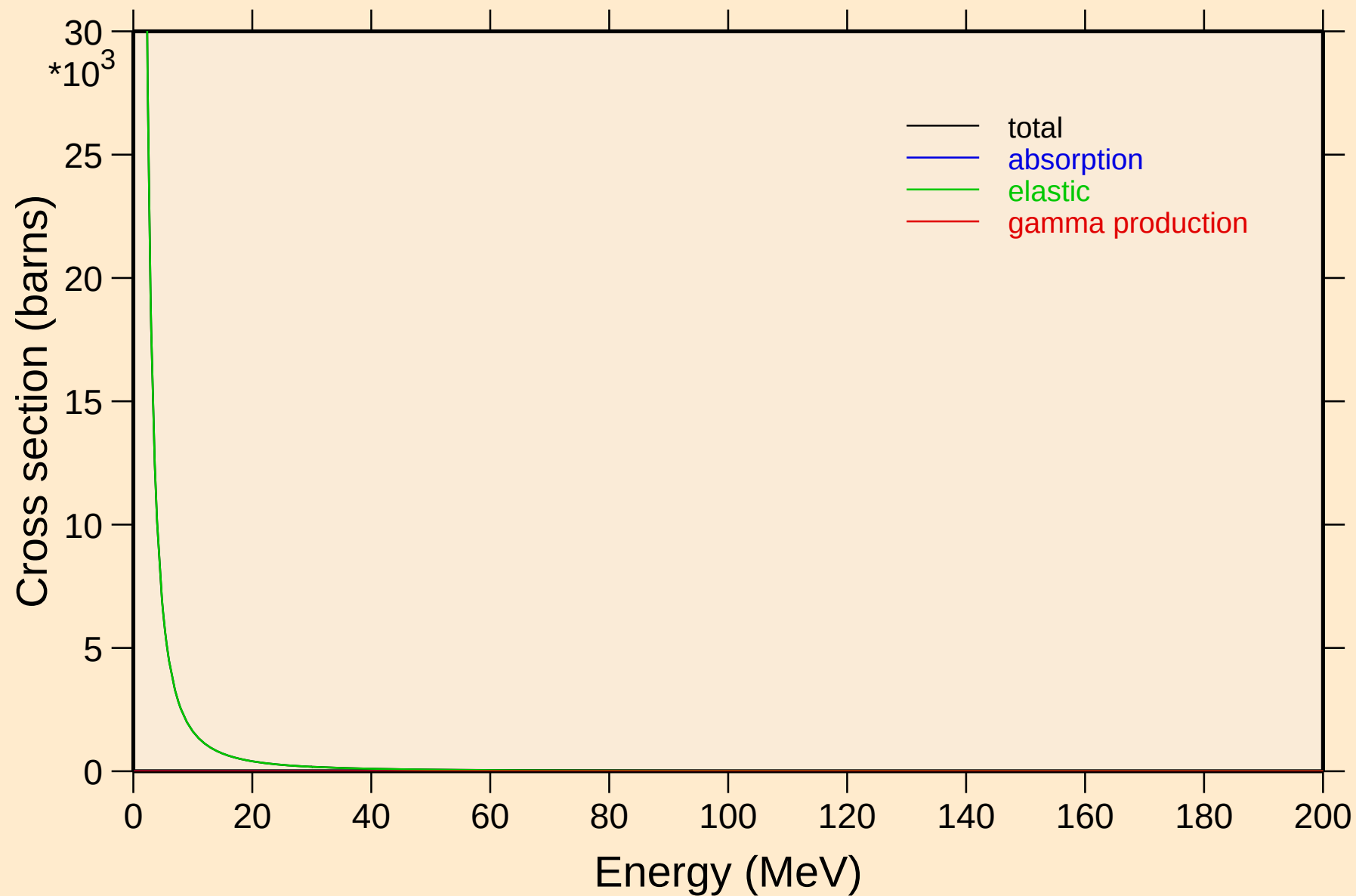
# HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K

Heating



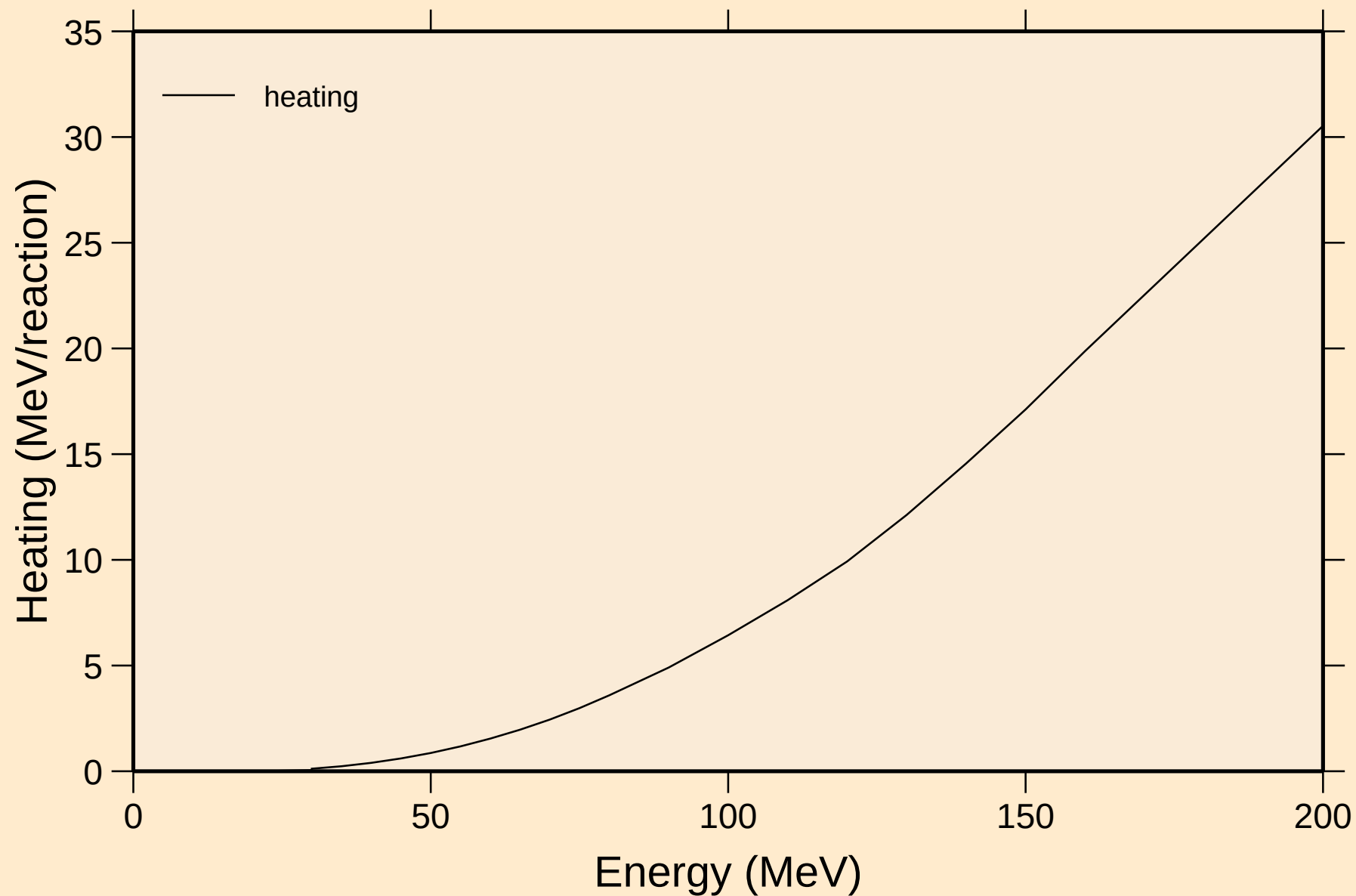
# HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



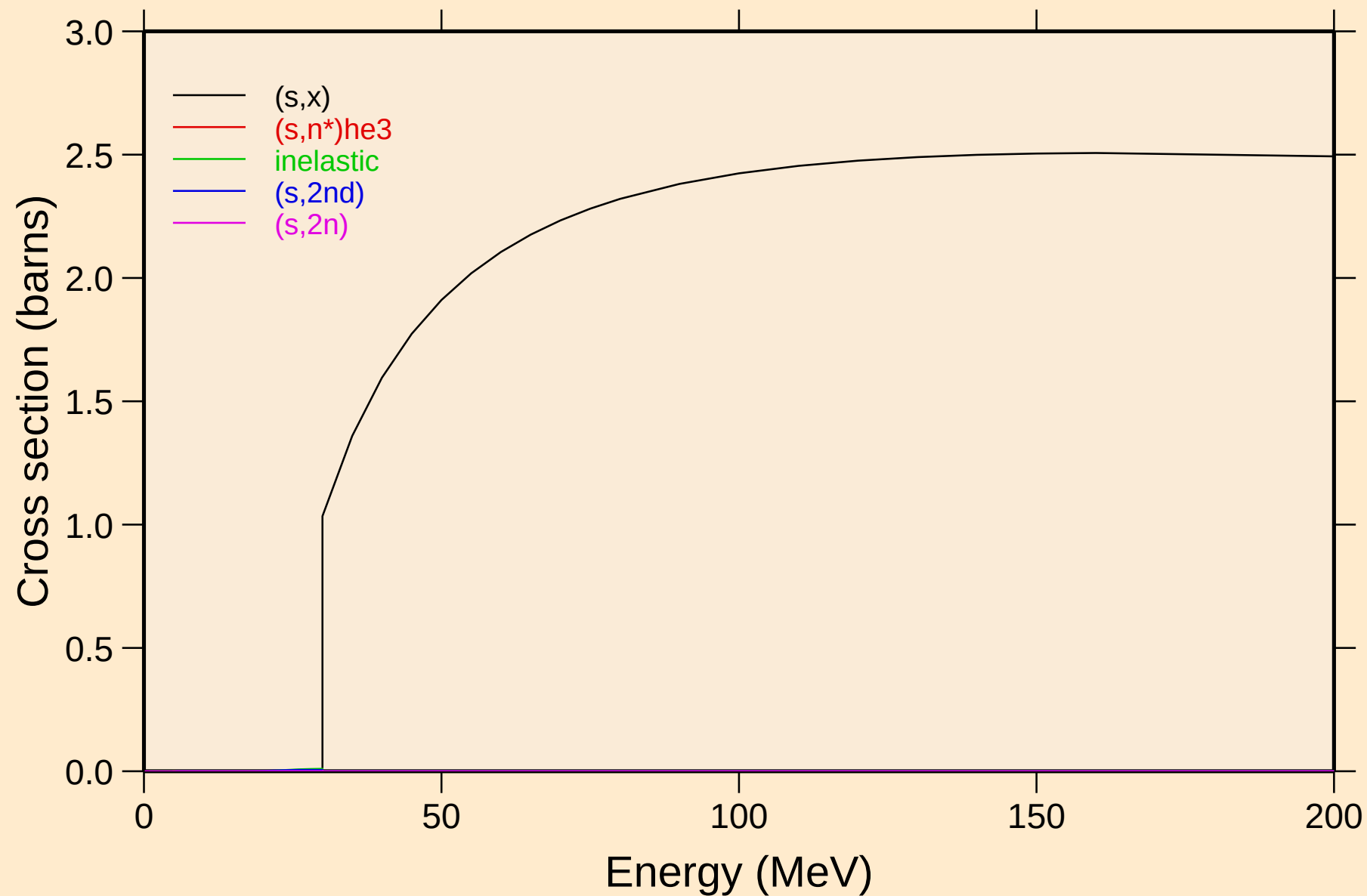
# HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K

Heating



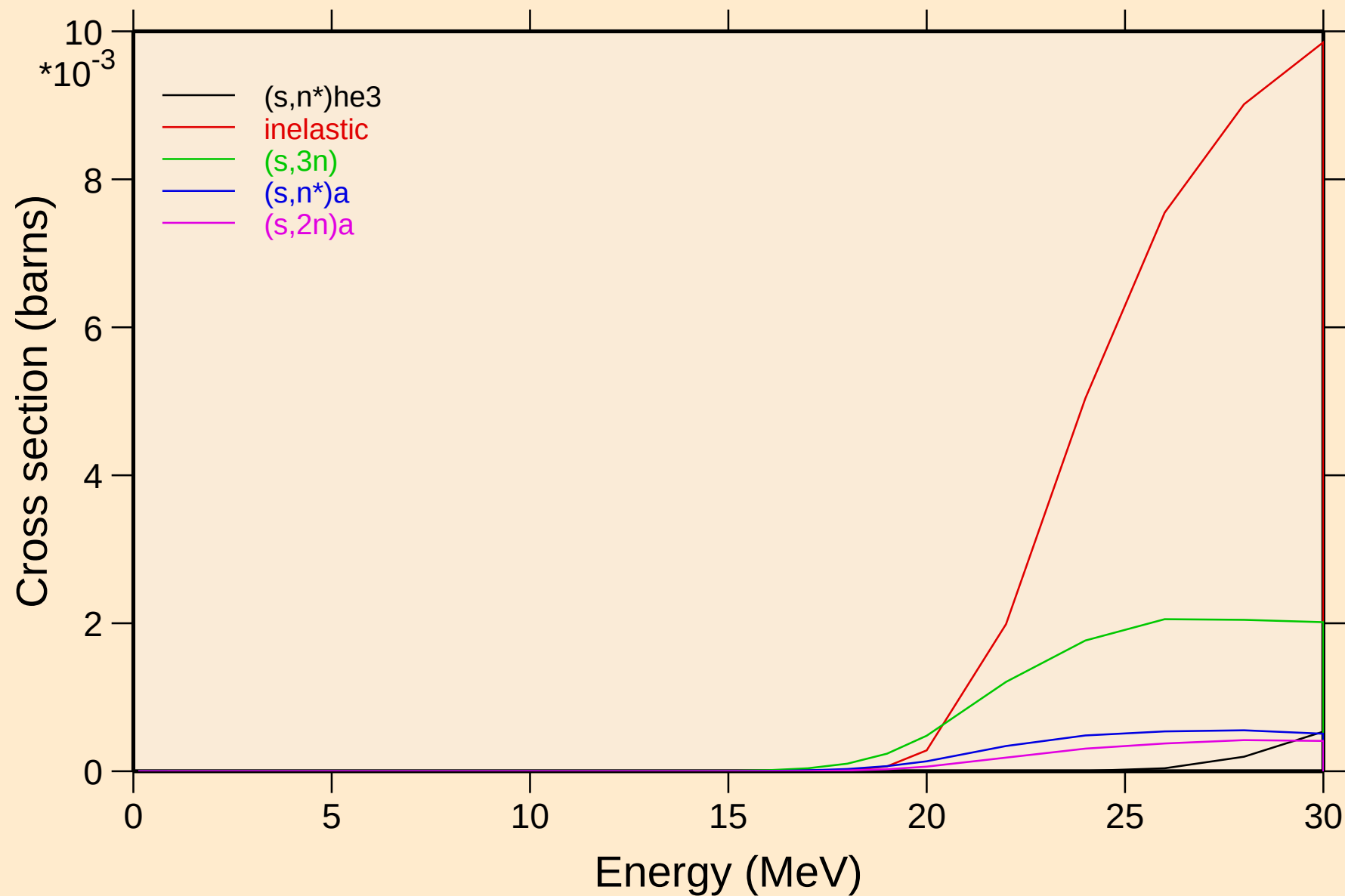
# HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



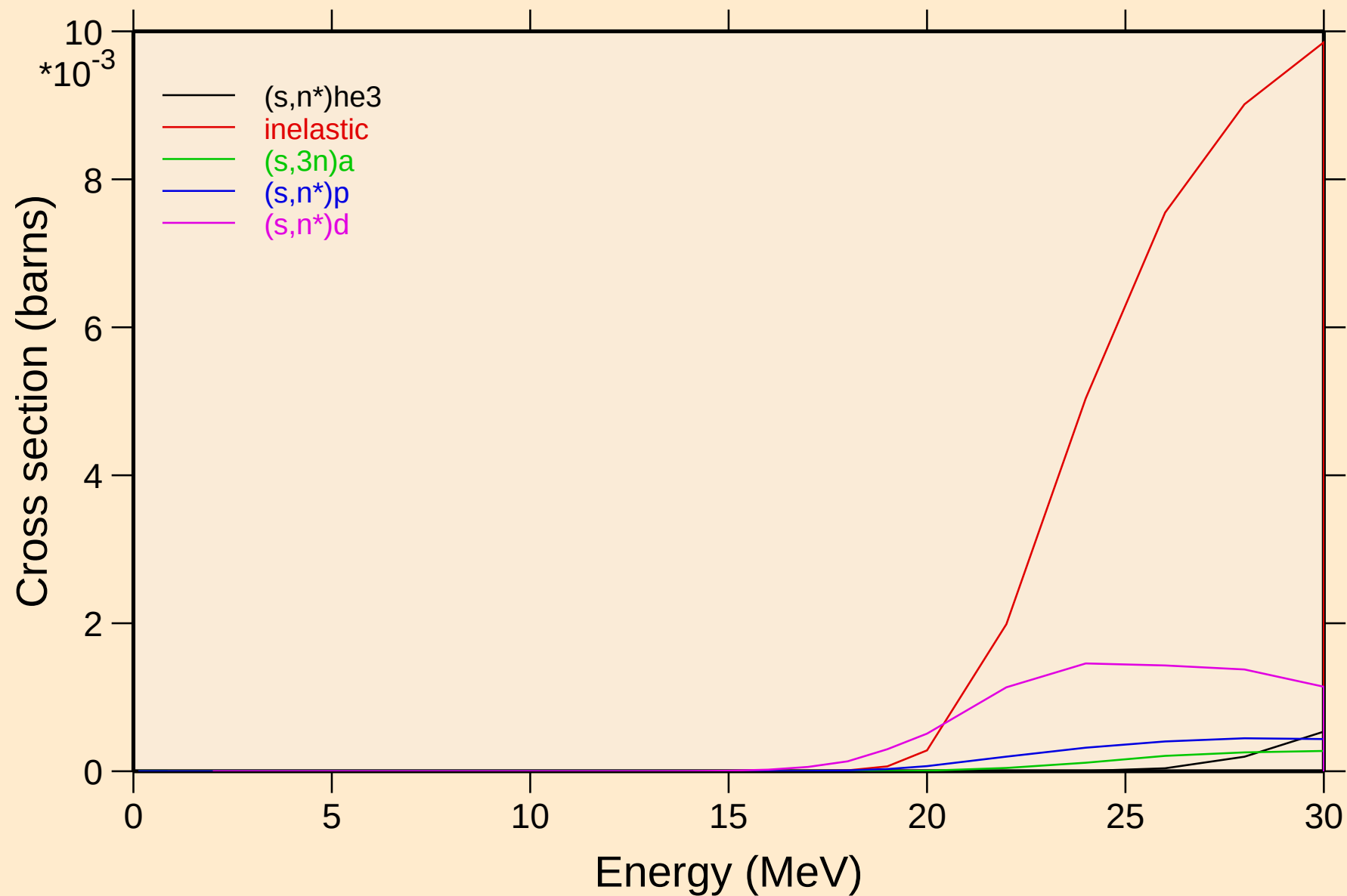
# HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



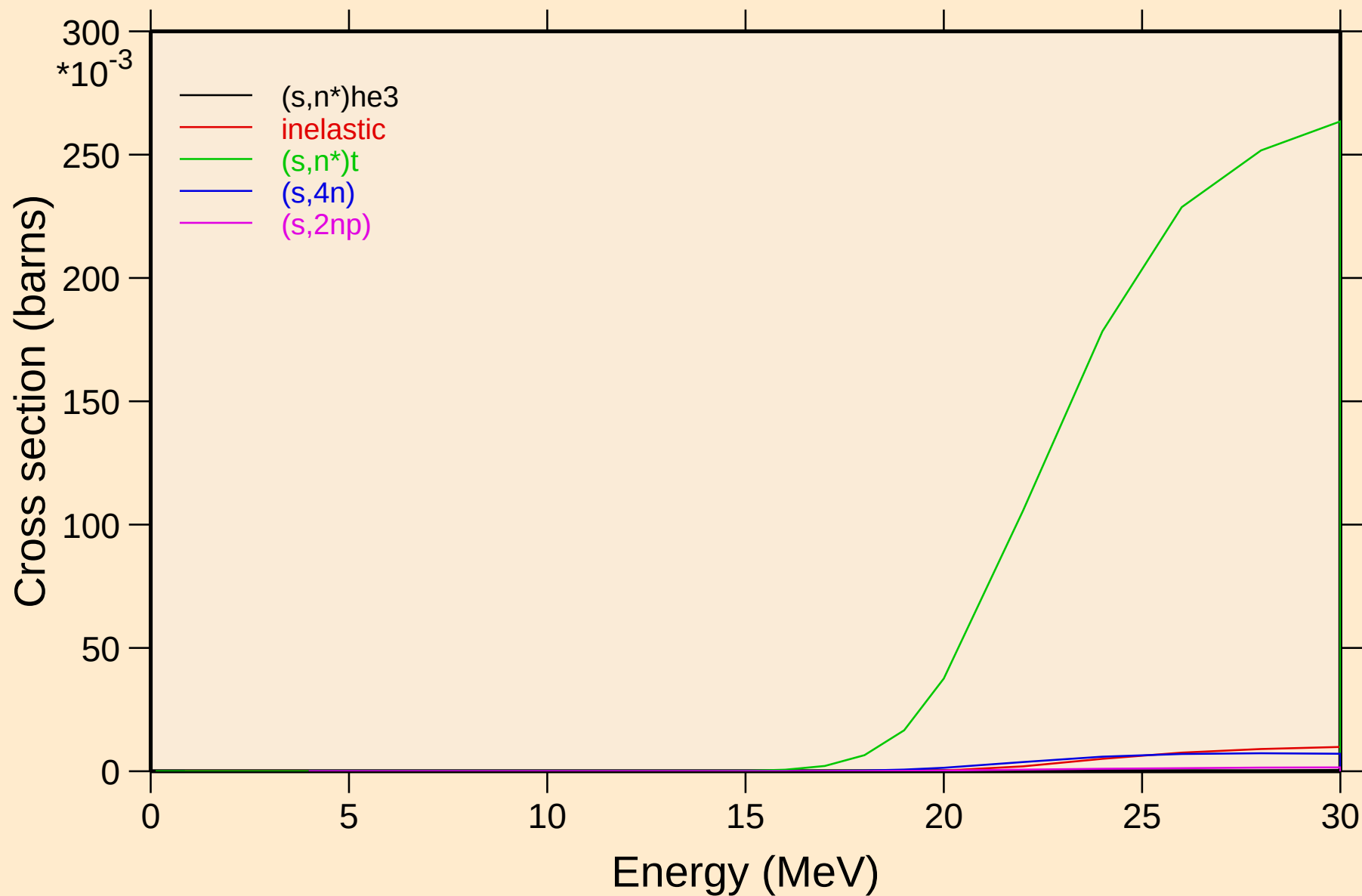
# HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



# HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K

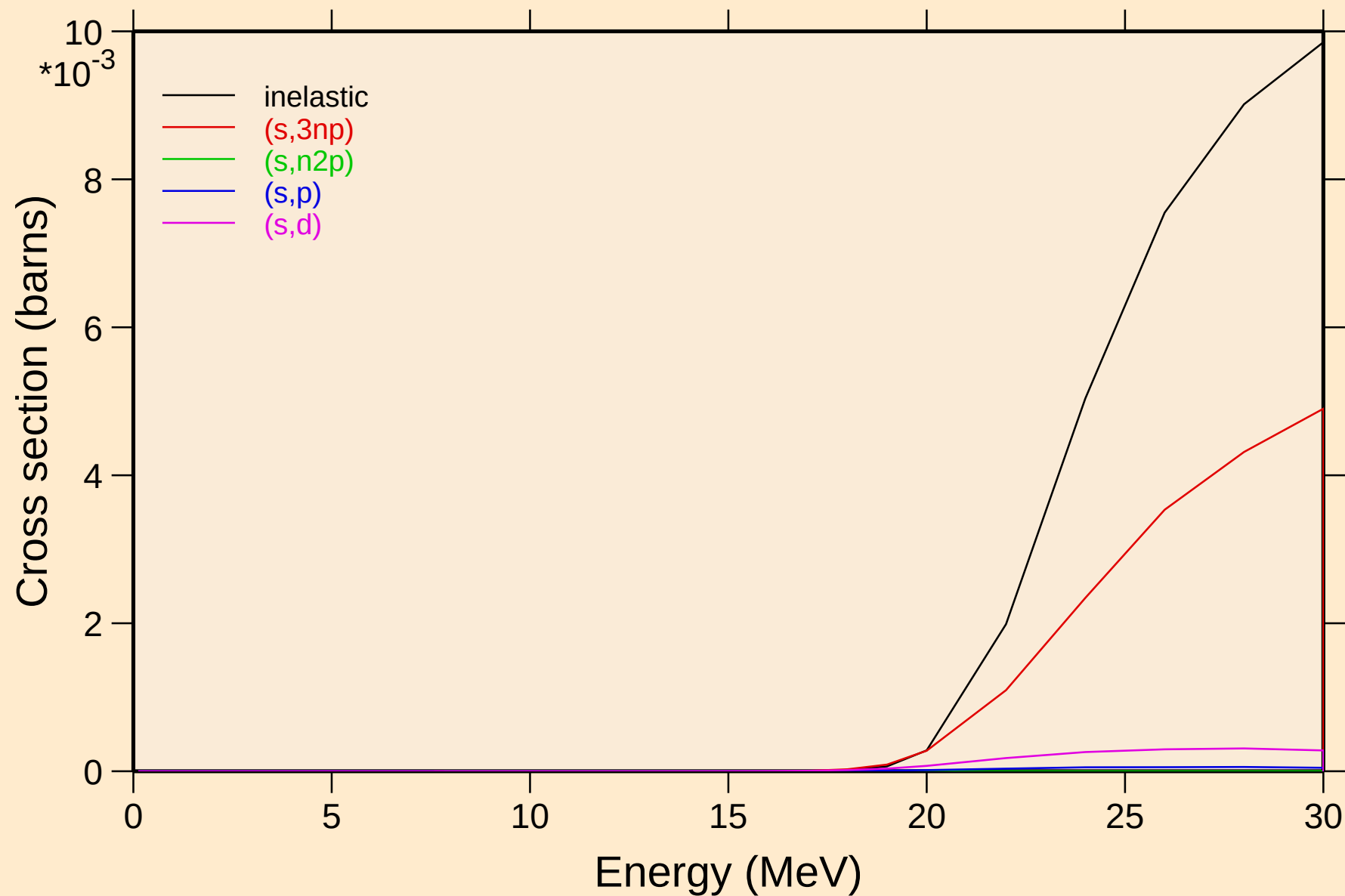
## Threshold reactions





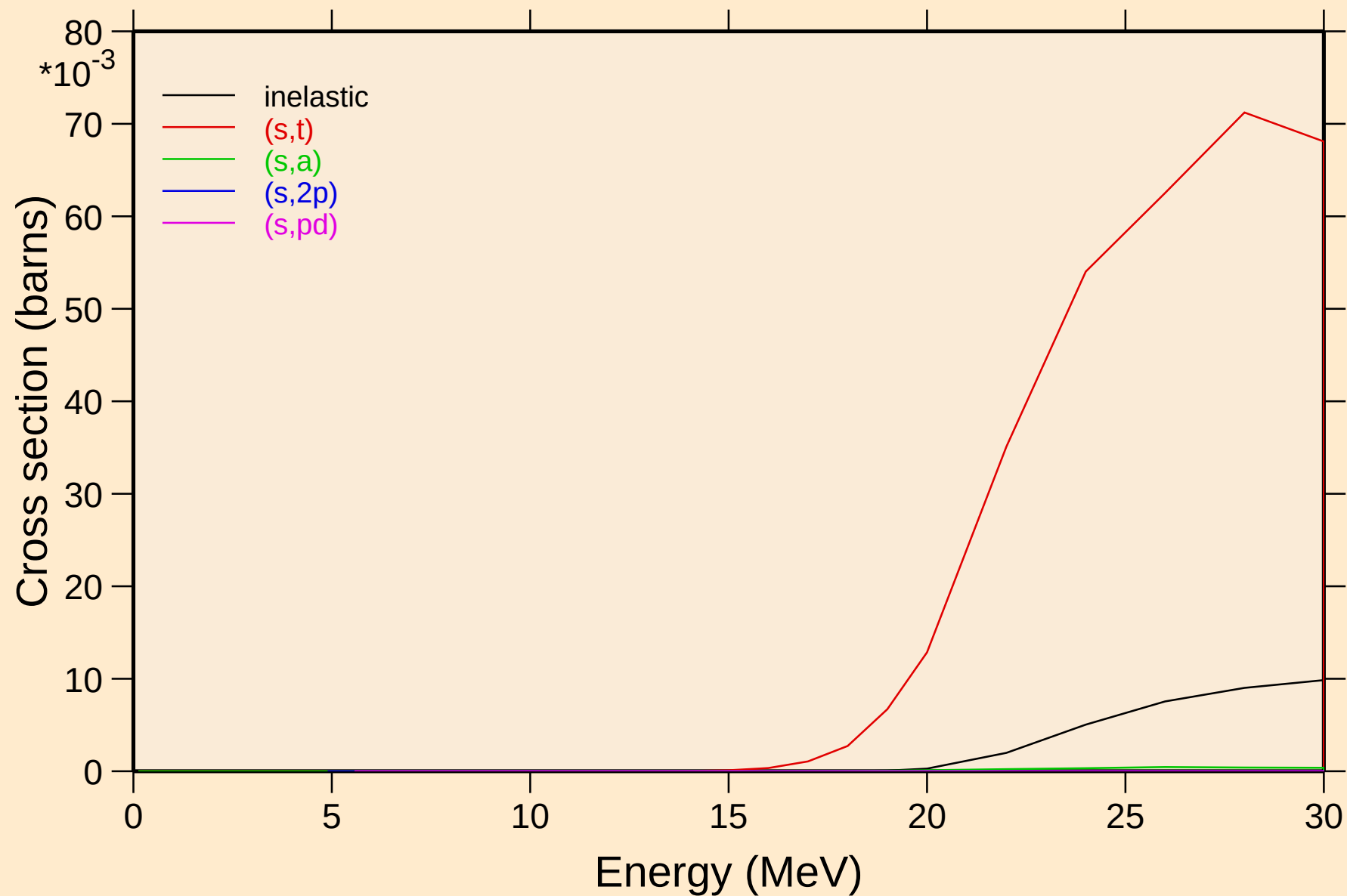
# HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

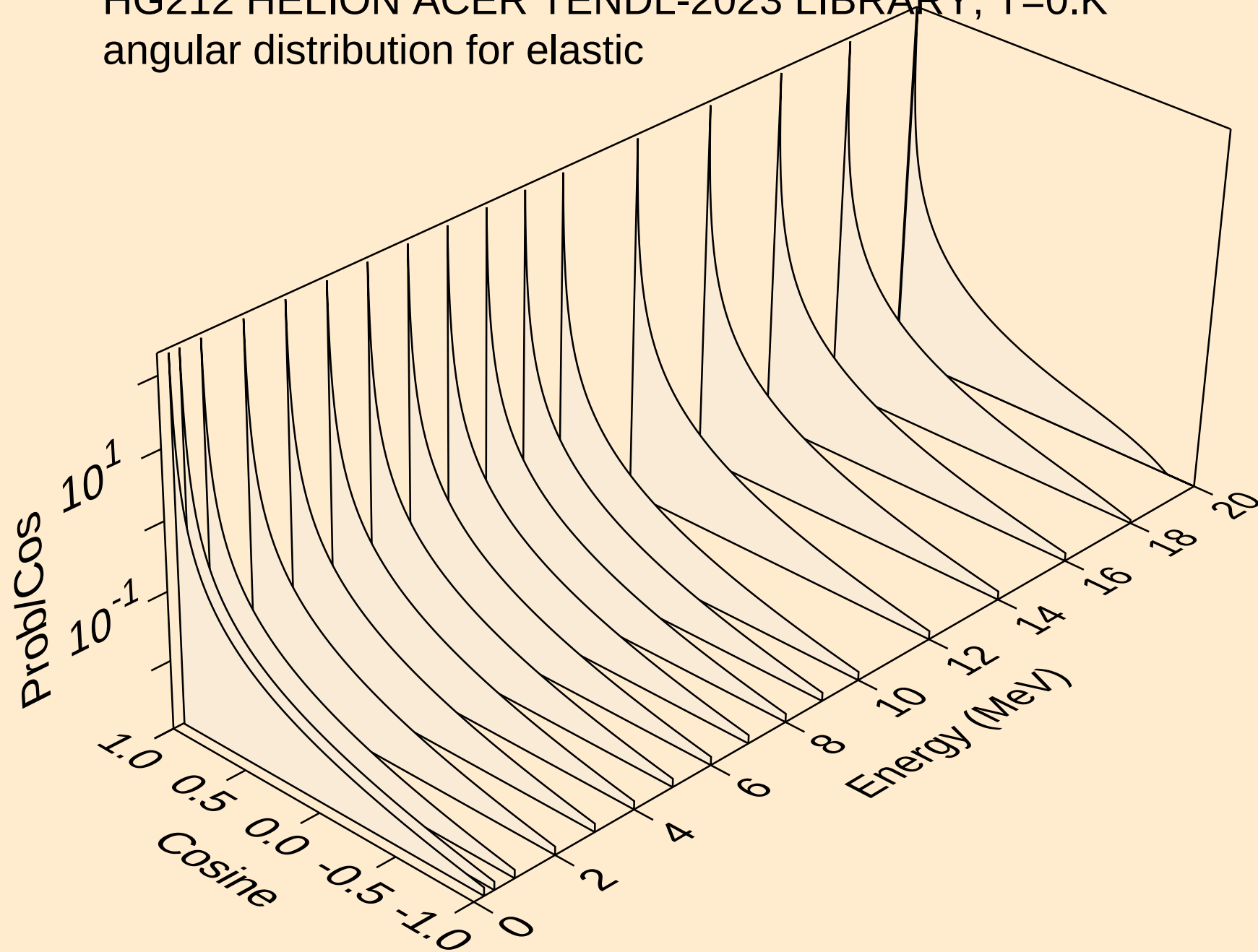


# HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K

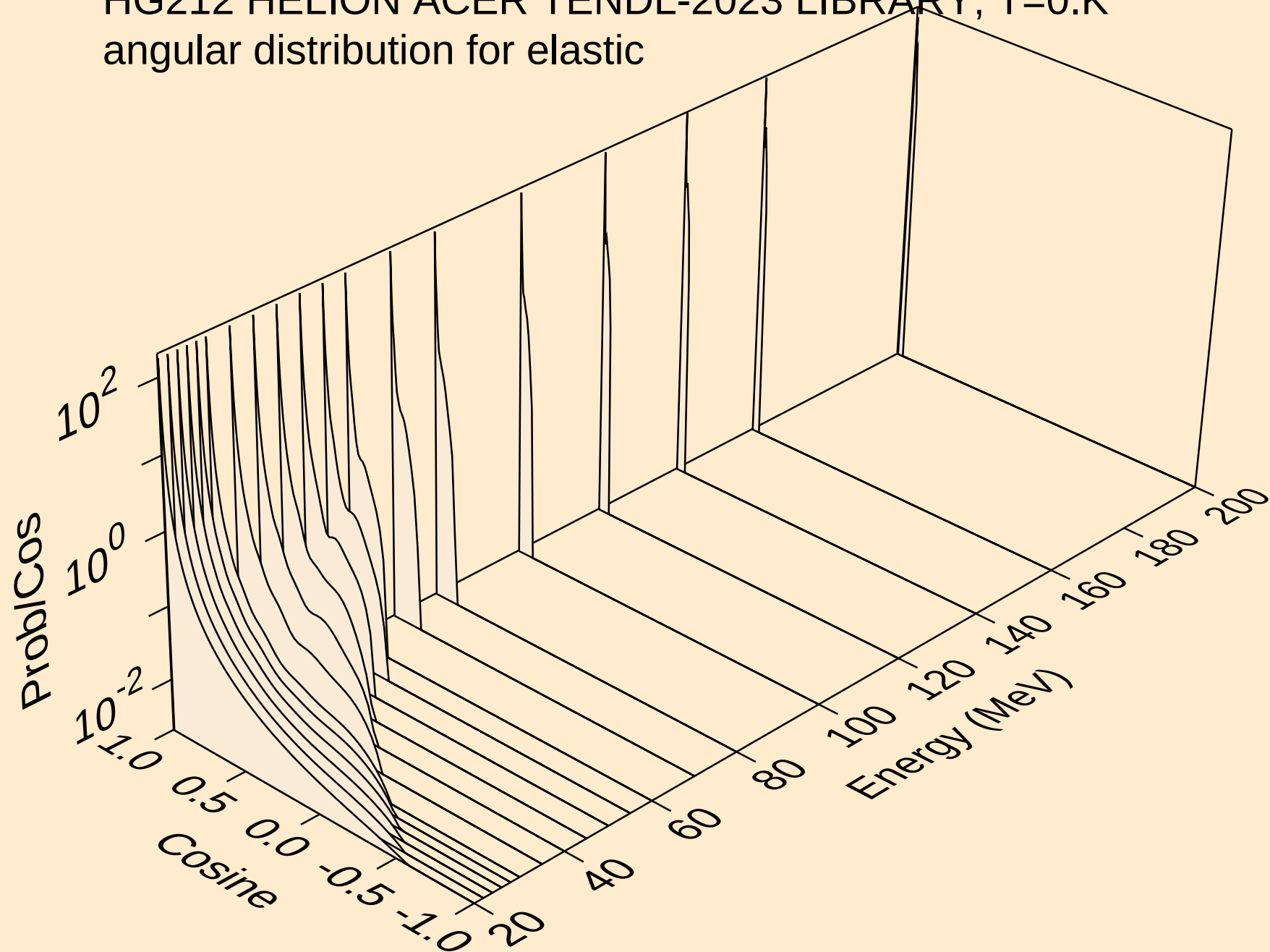
## Threshold reactions



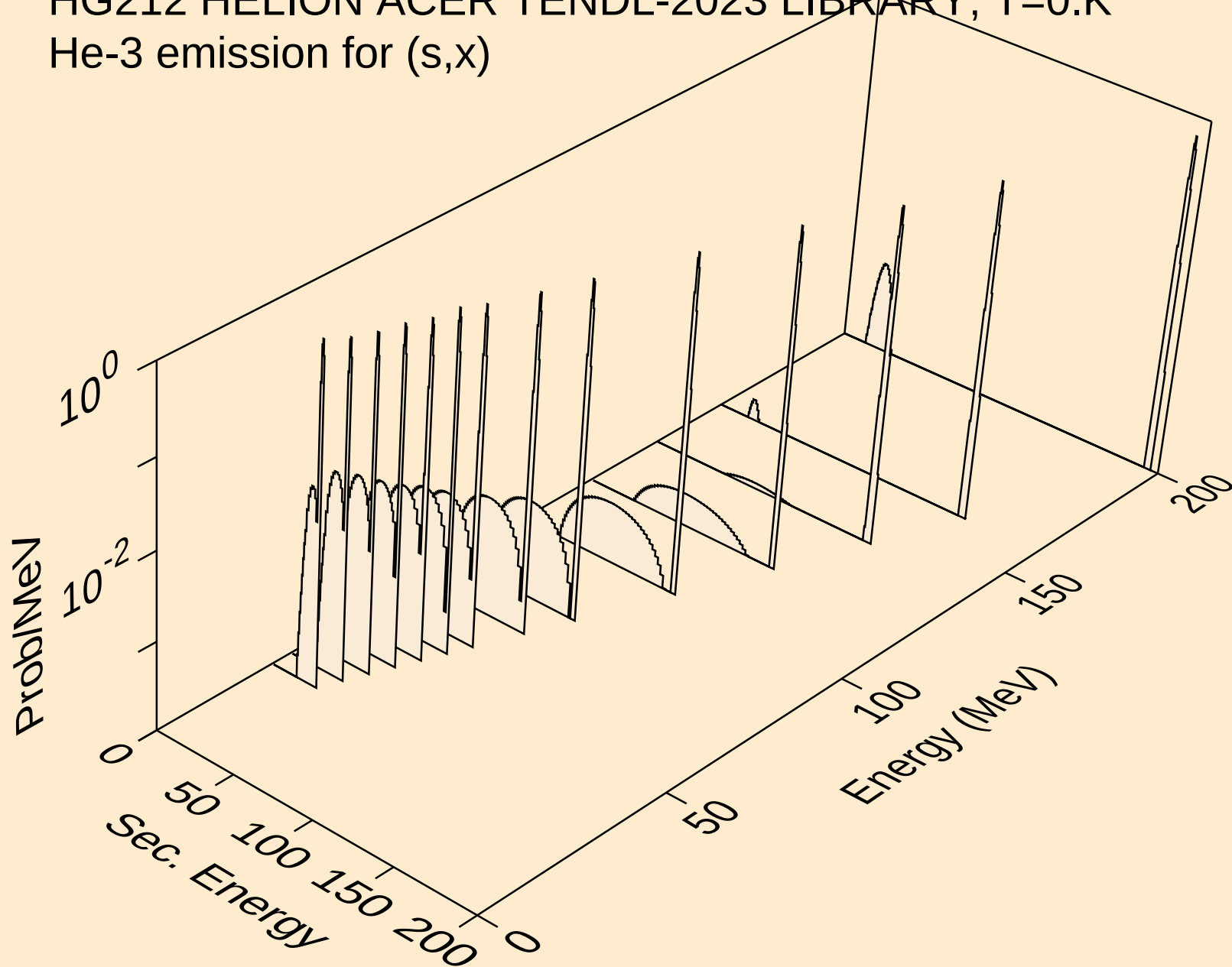
HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

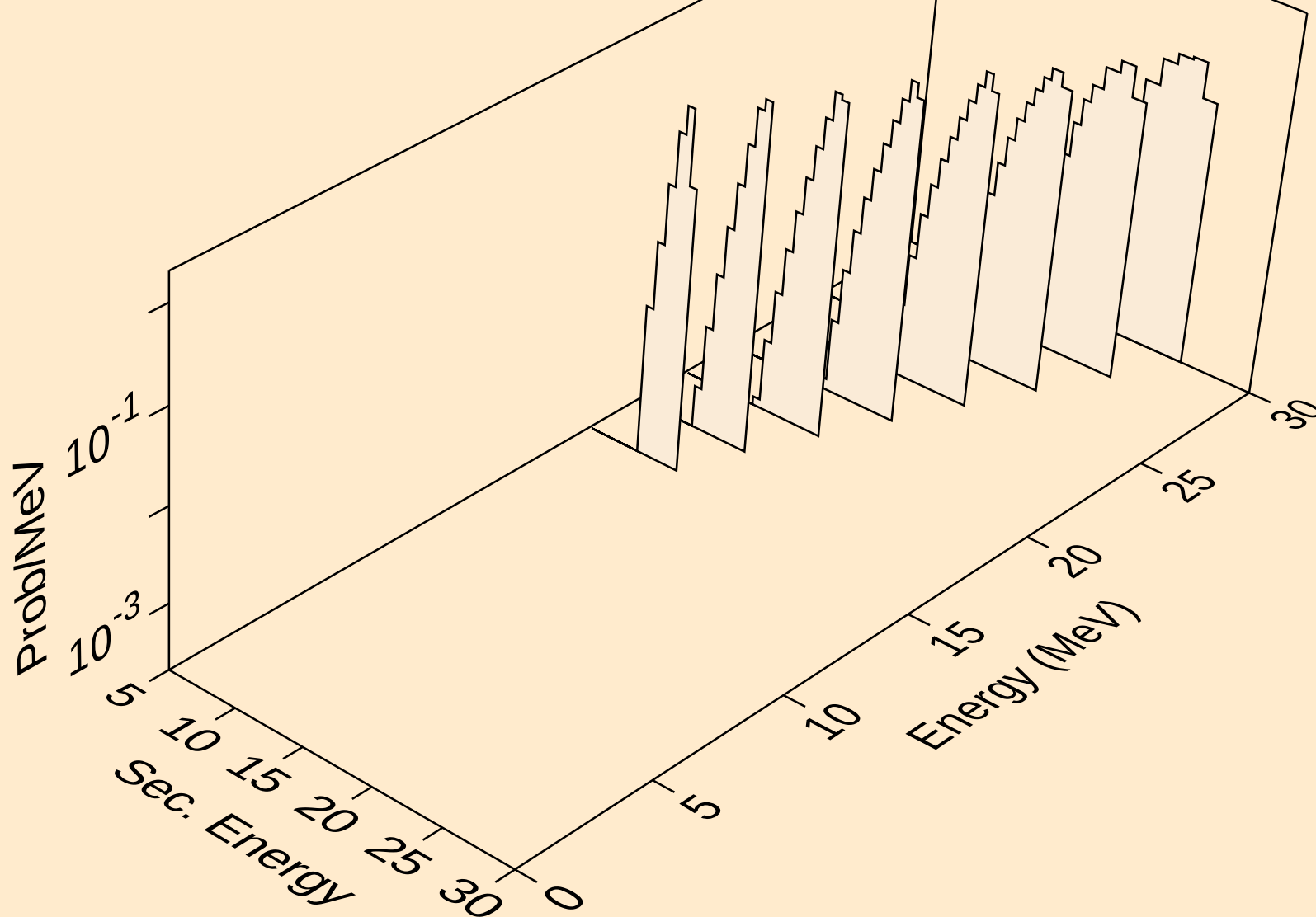


HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,x)

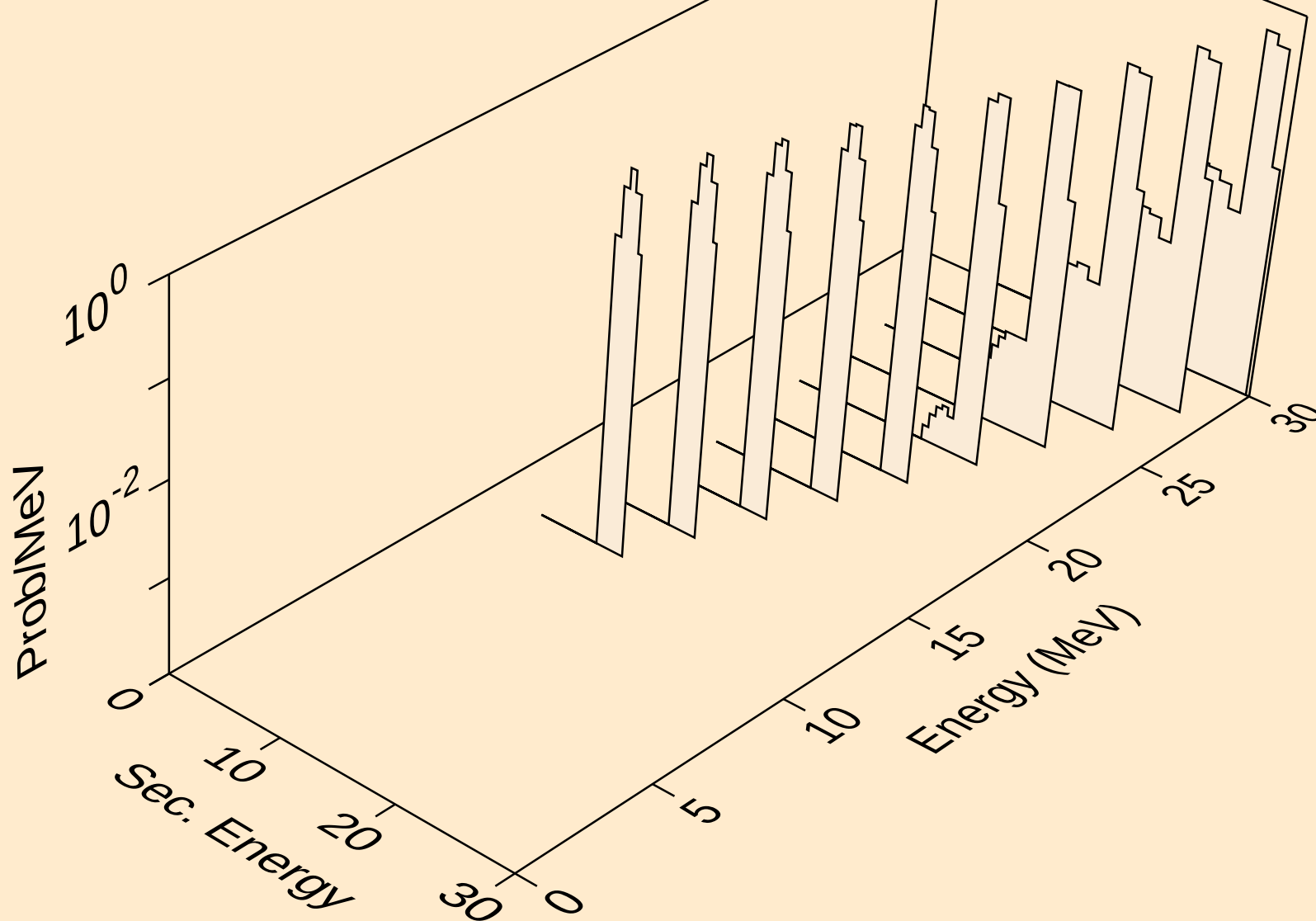


HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K

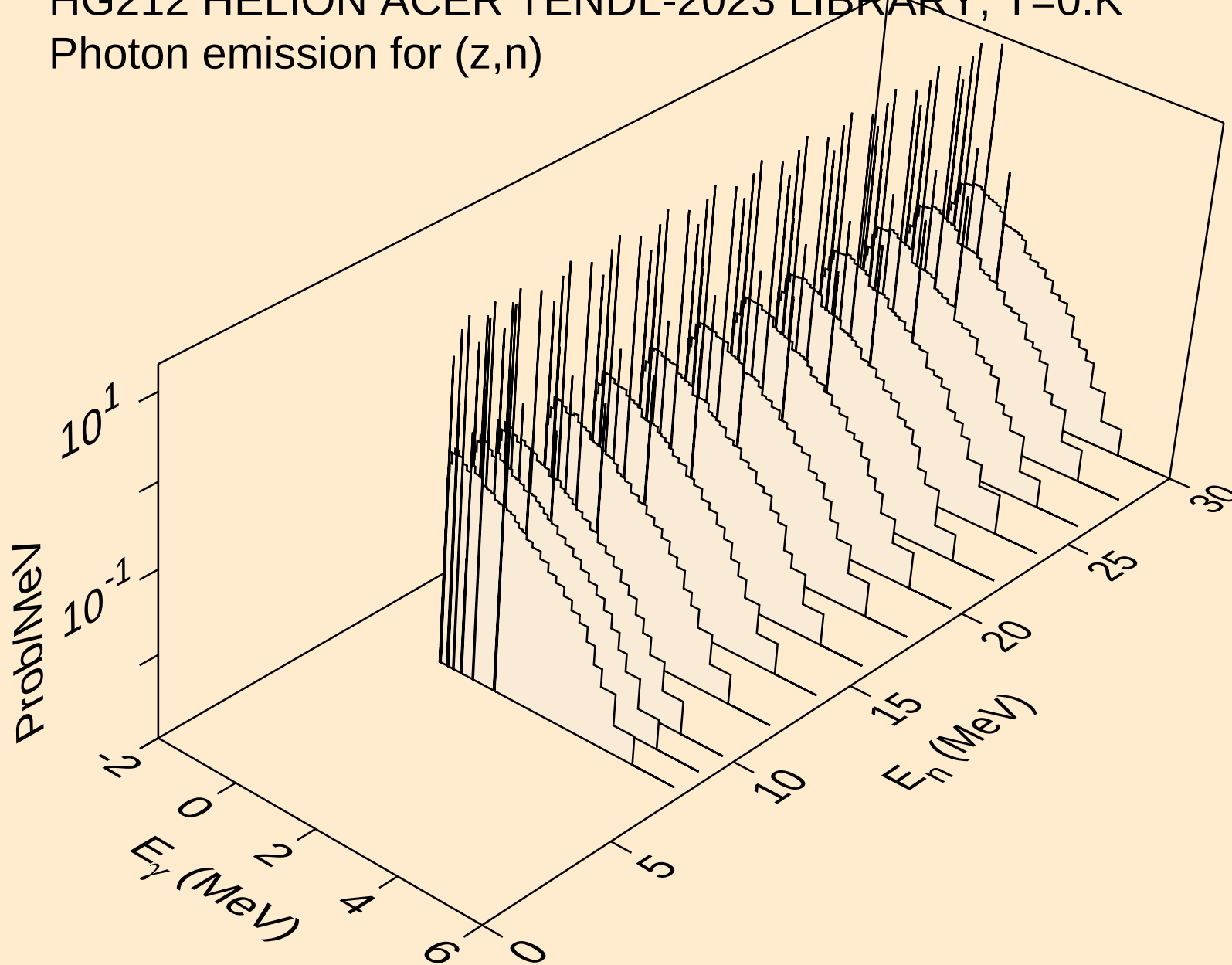
He-3 emission for (s,n\*)he3



HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for inelastic



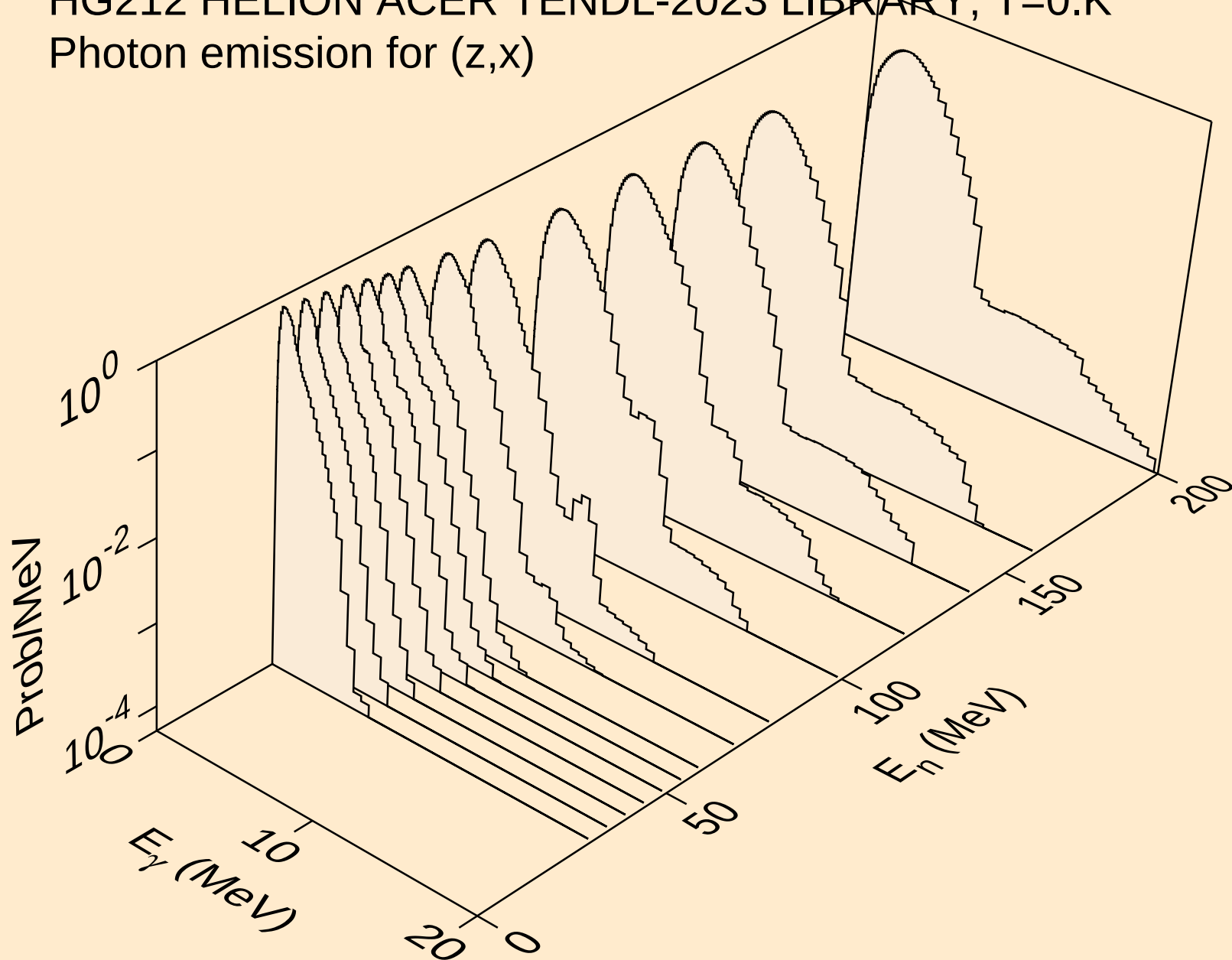
HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



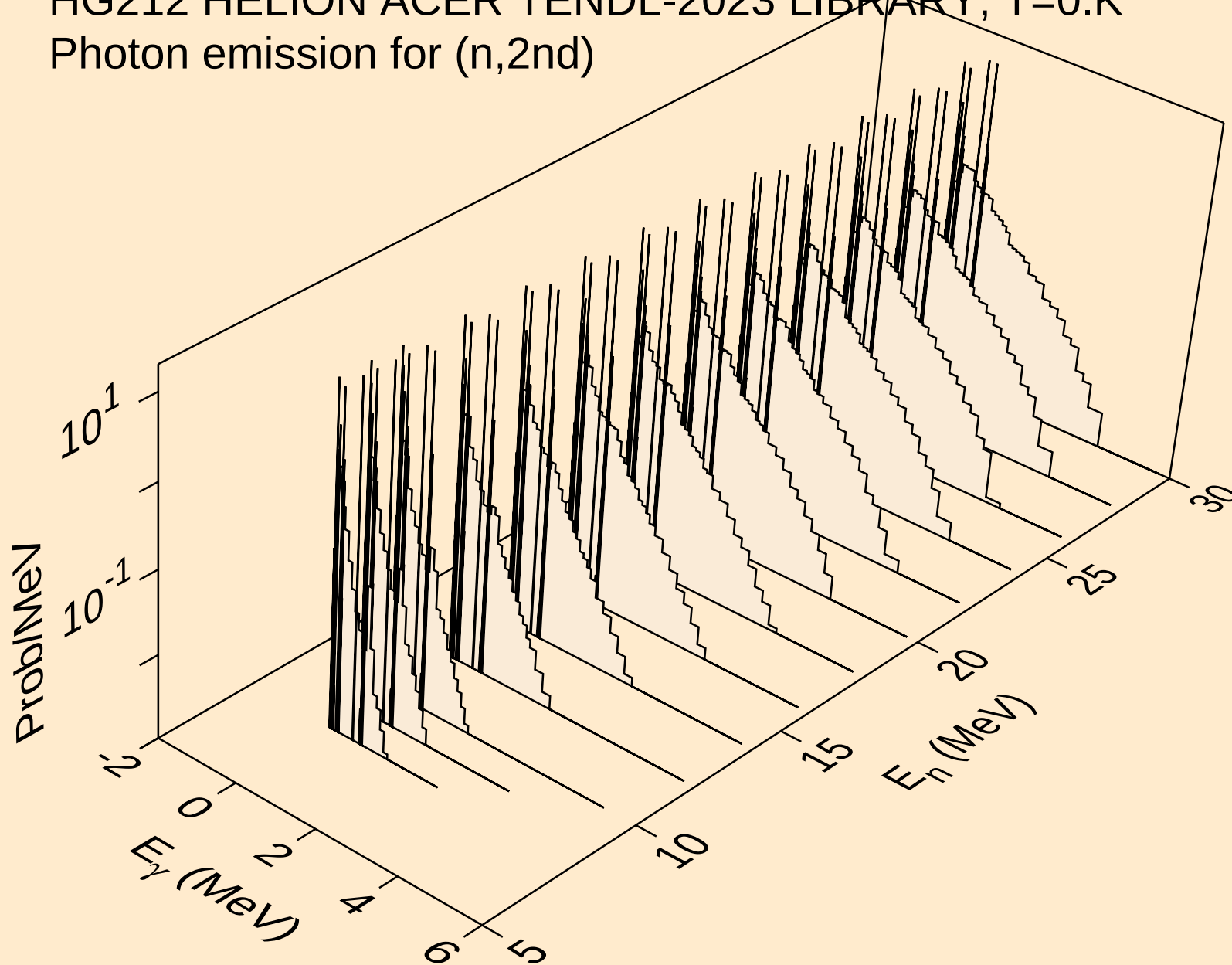


HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K

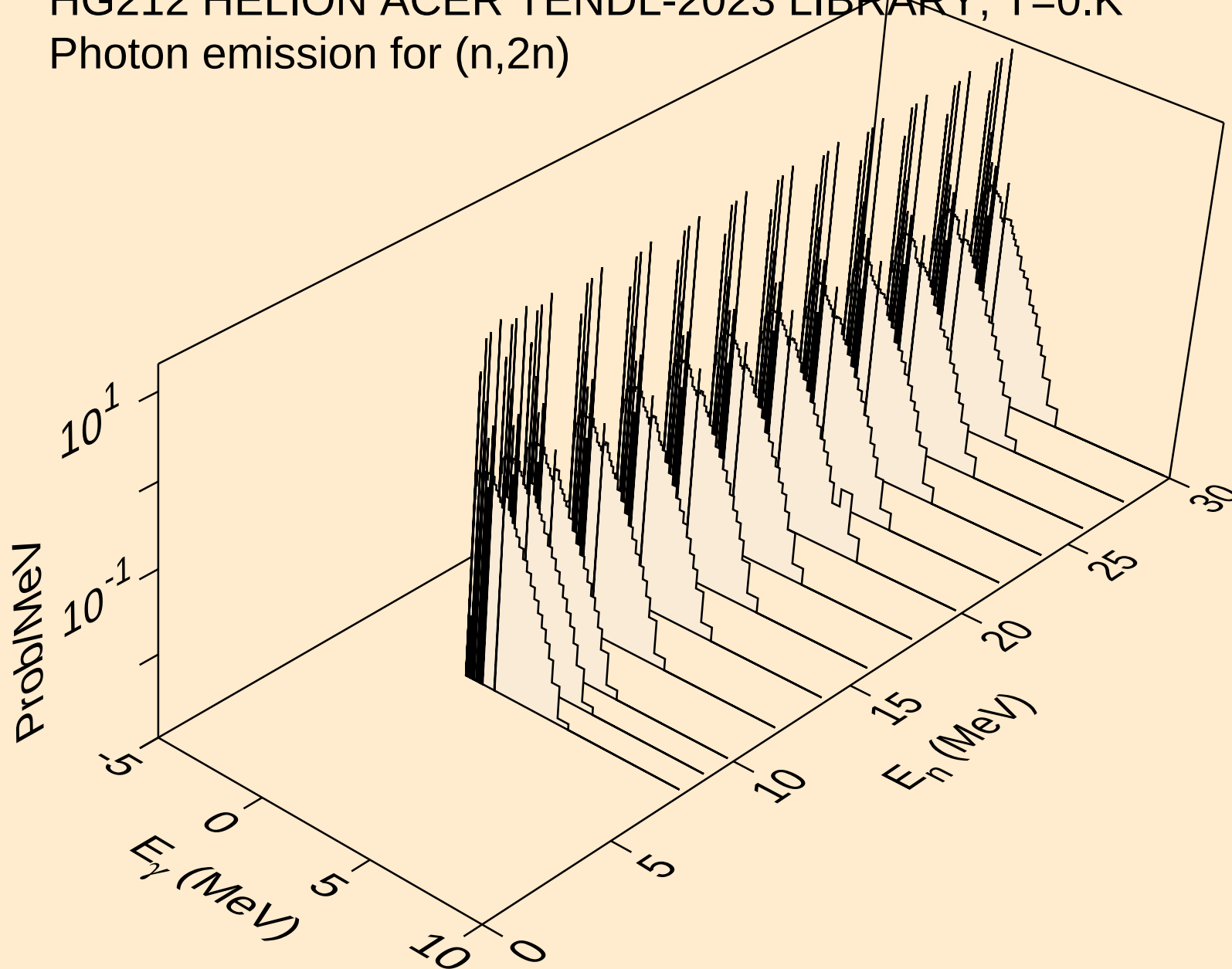
Photon emission for (z,x)



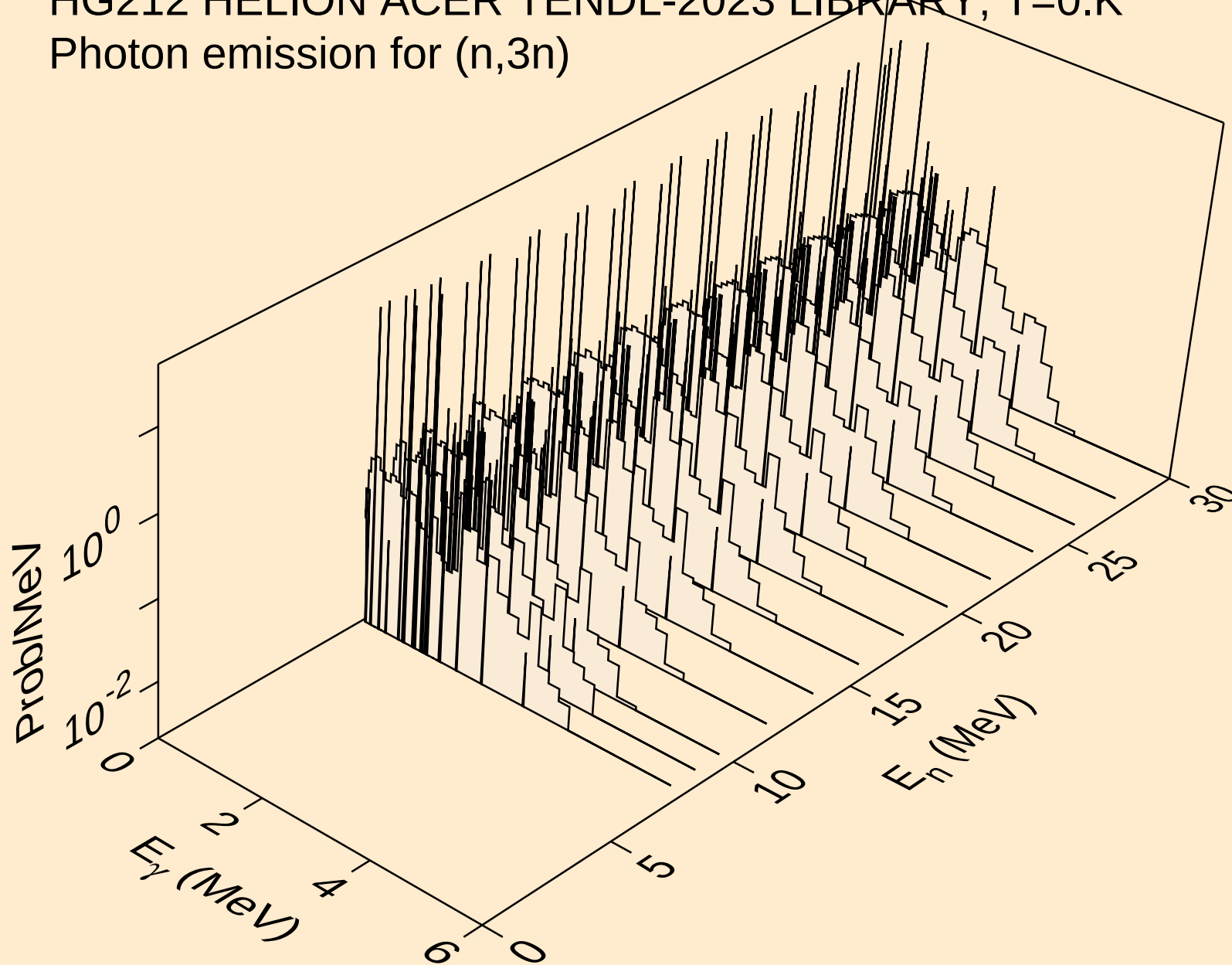
HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

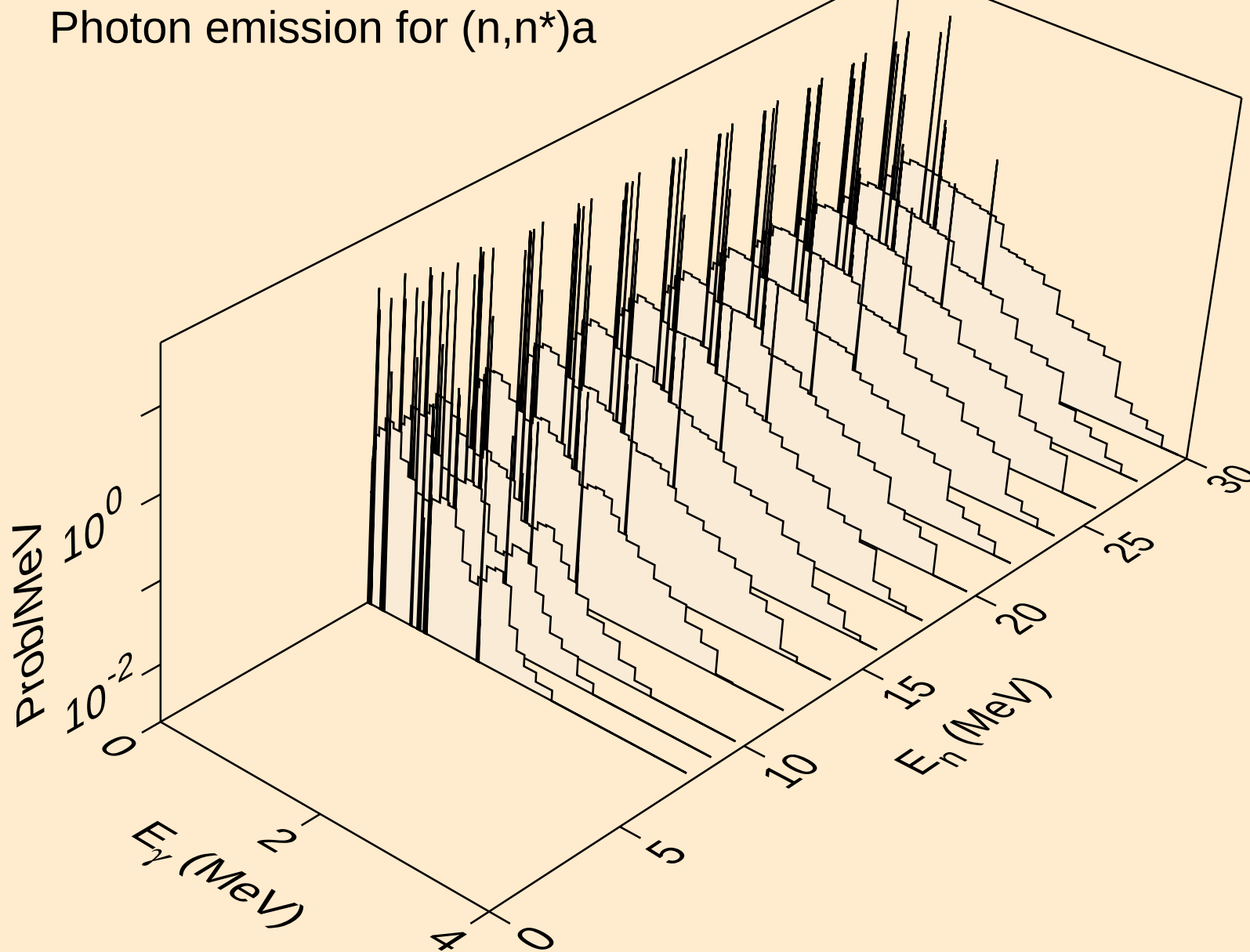


HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



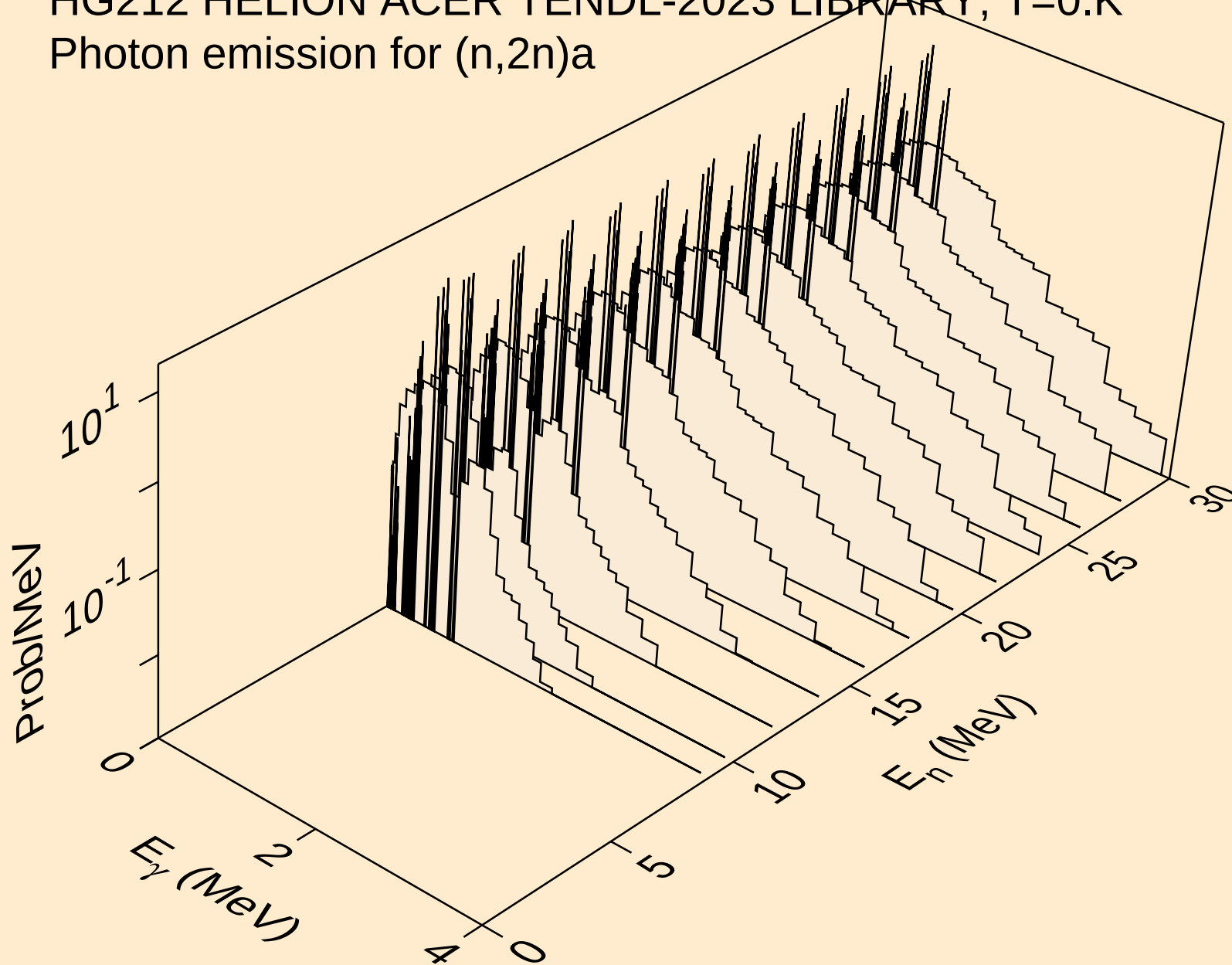
HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n\*)a



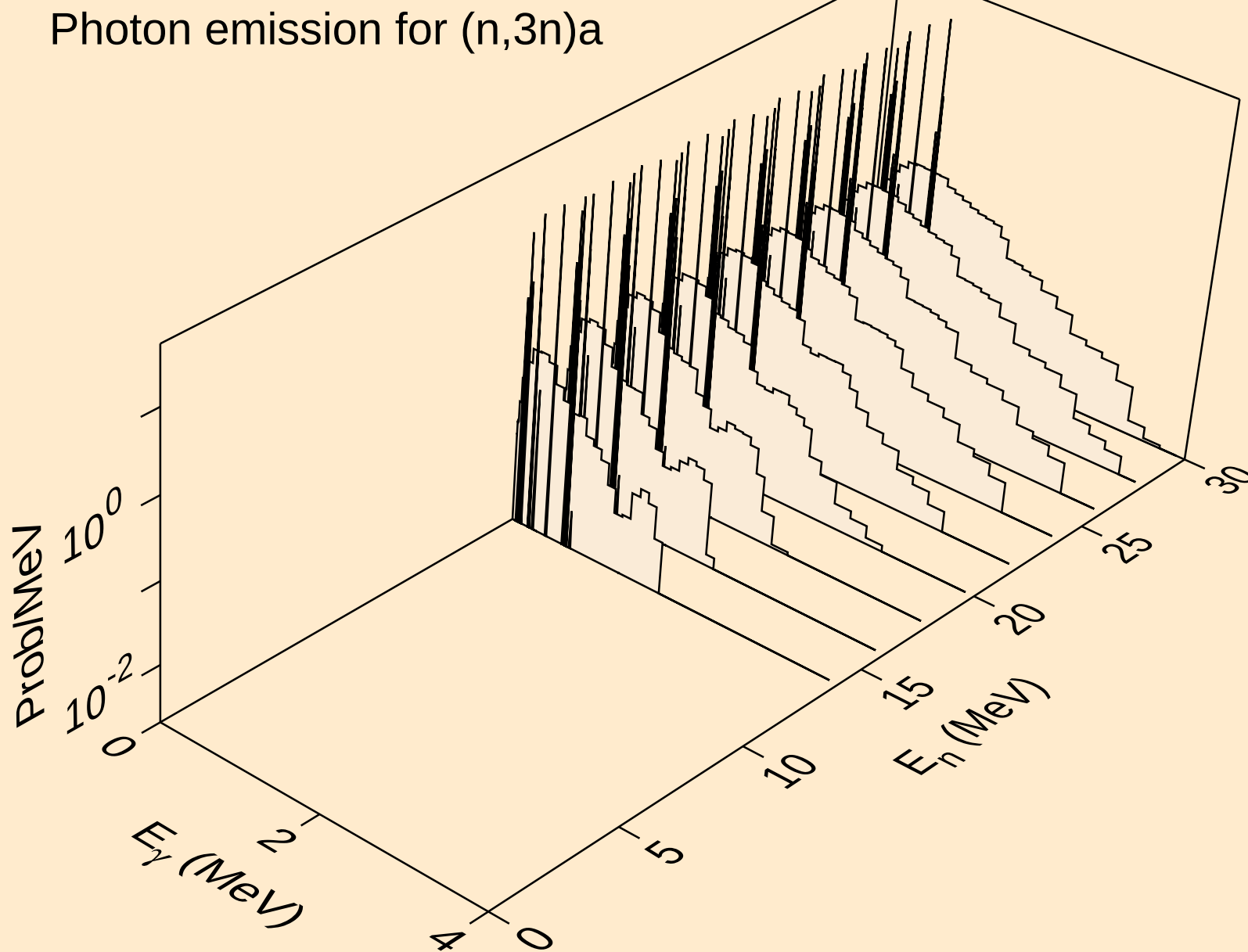
HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K

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



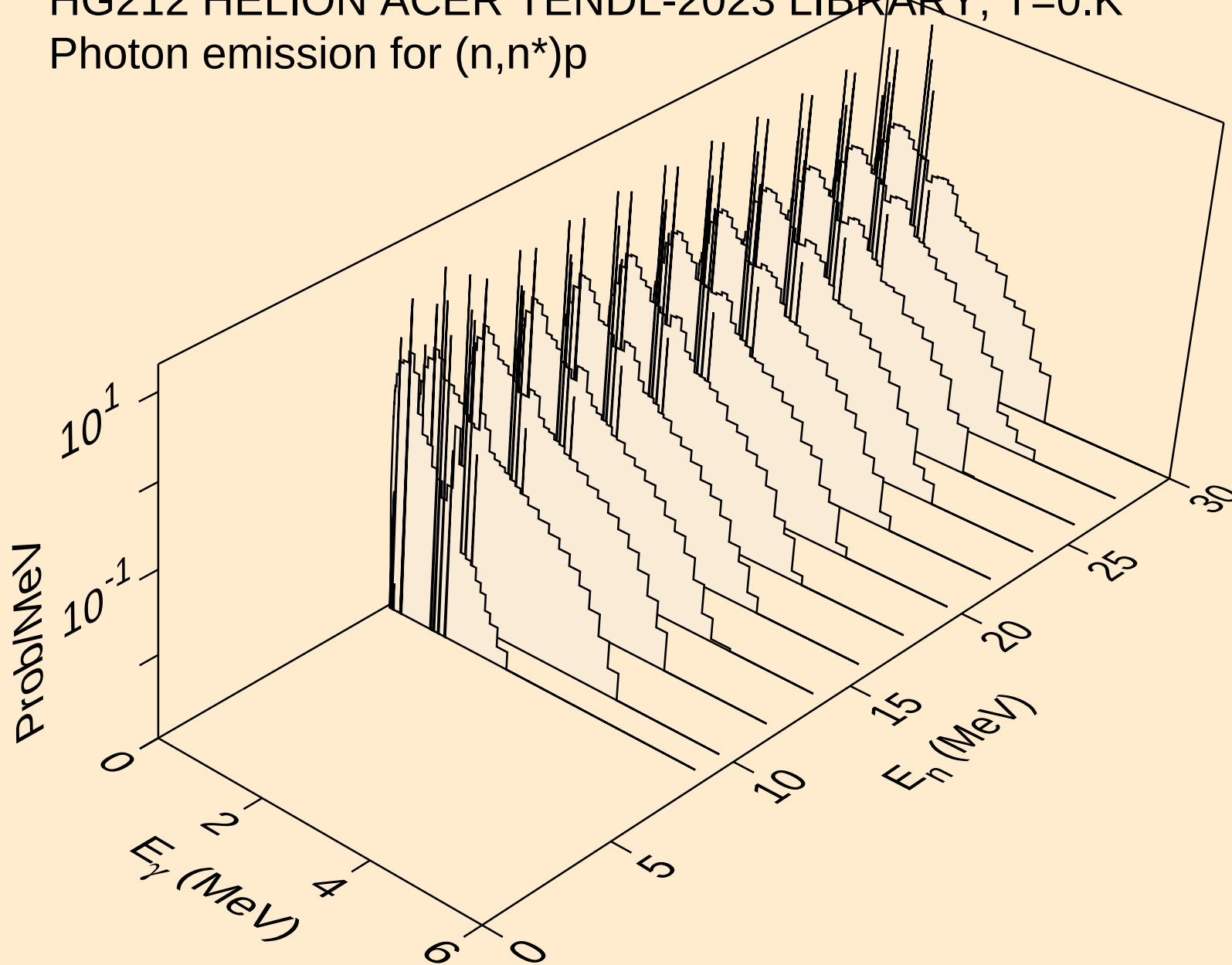
HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,3n)a



HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K

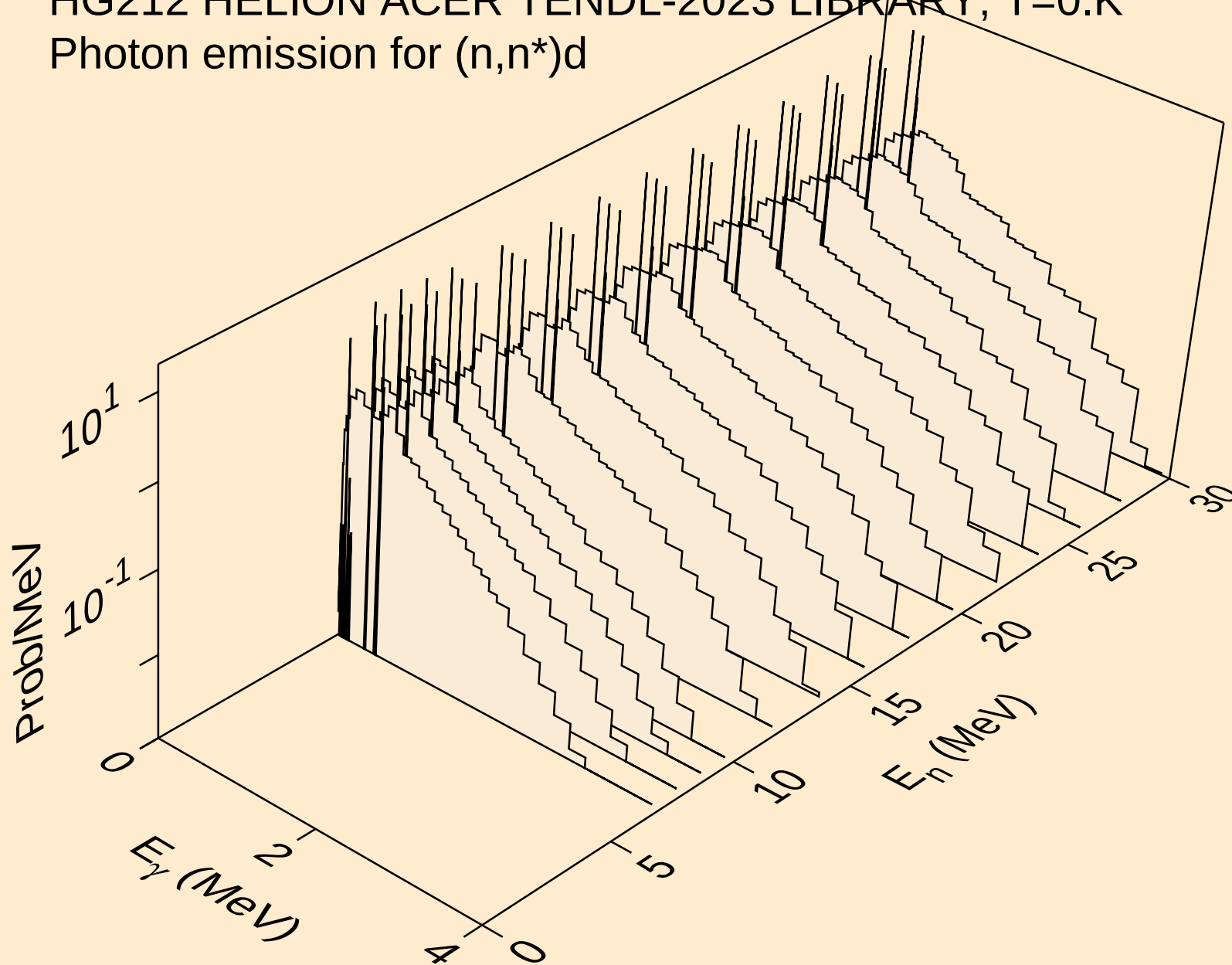
Photon emission for (n,n\*)p





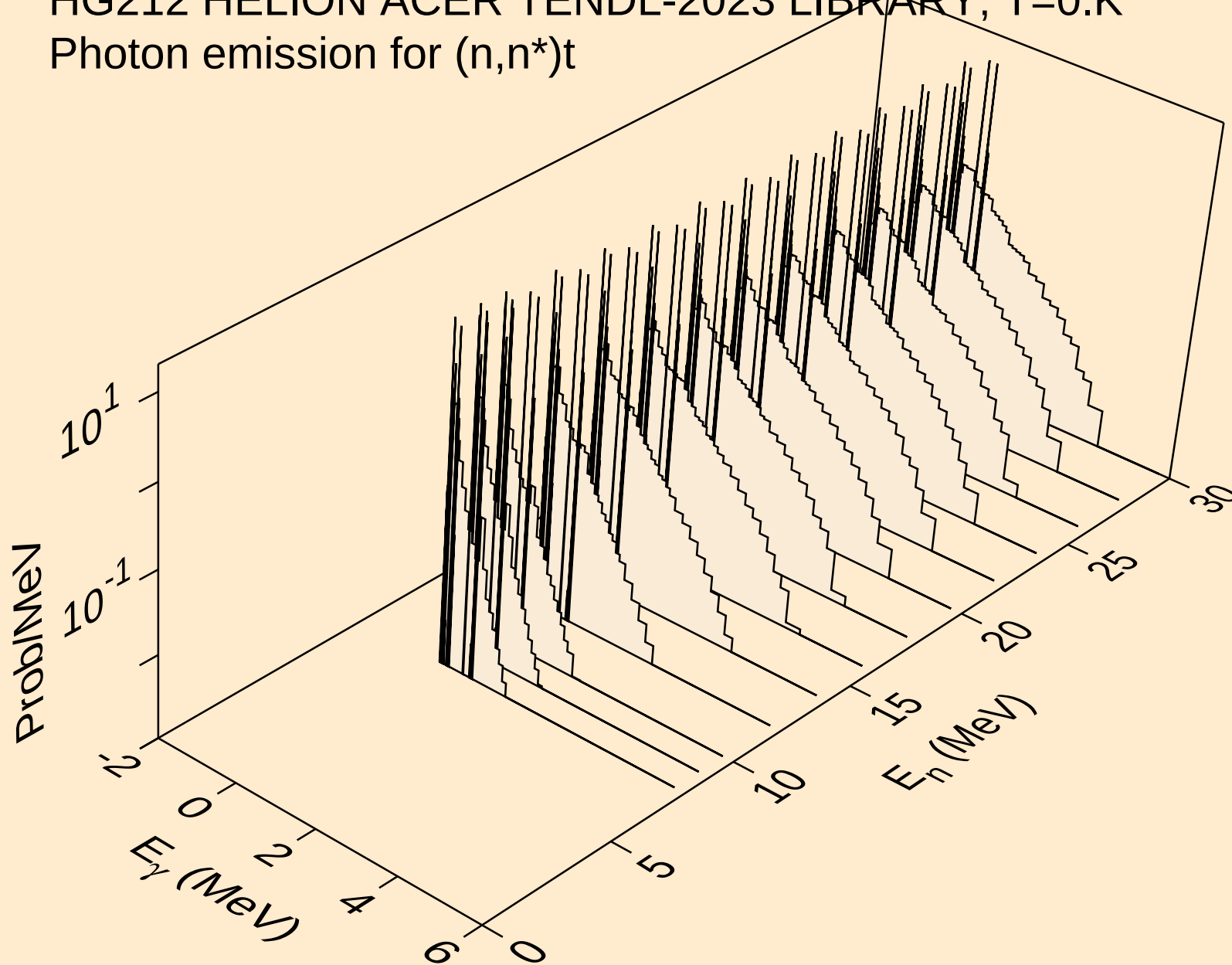
HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n\*)d



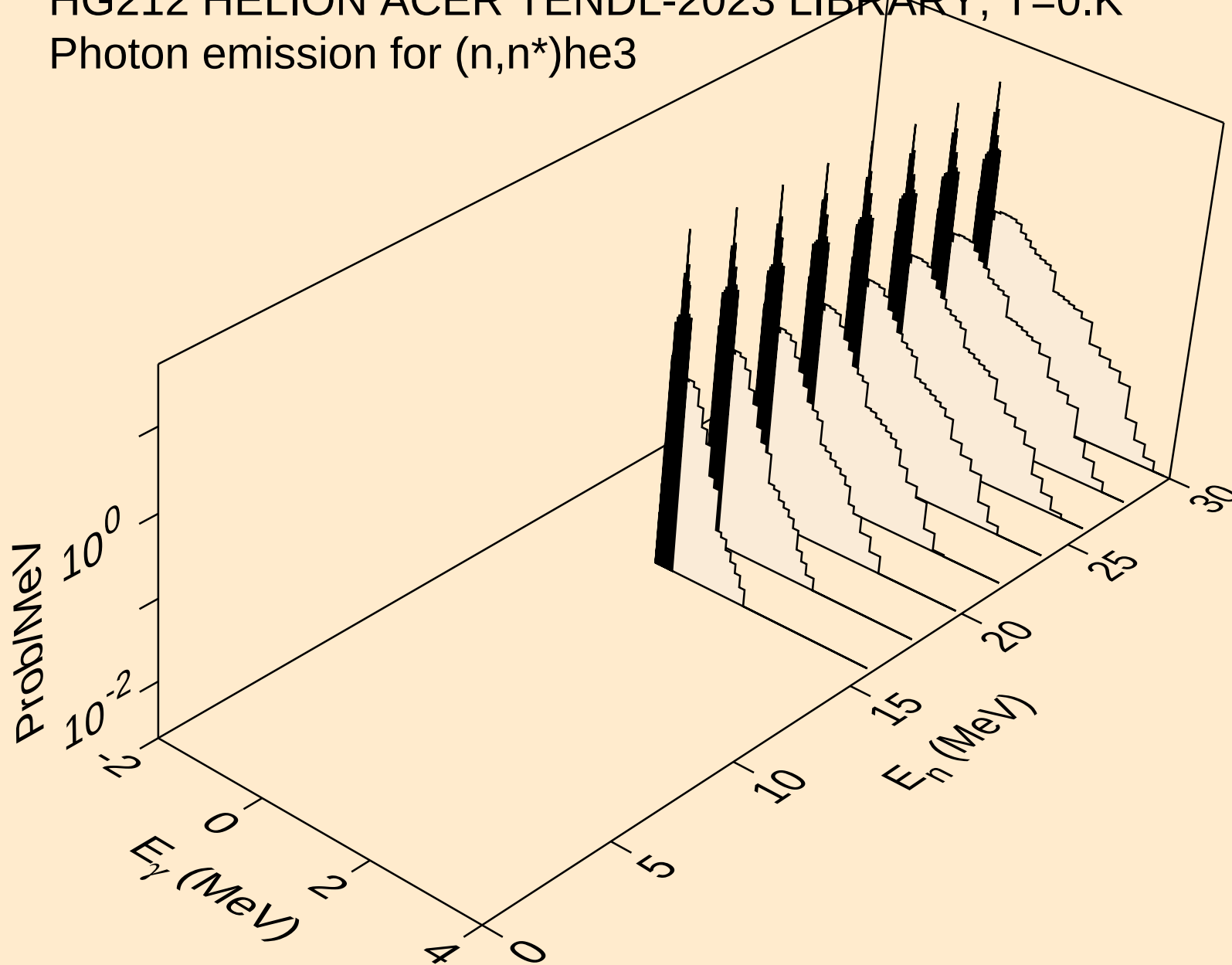
HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n\*)t

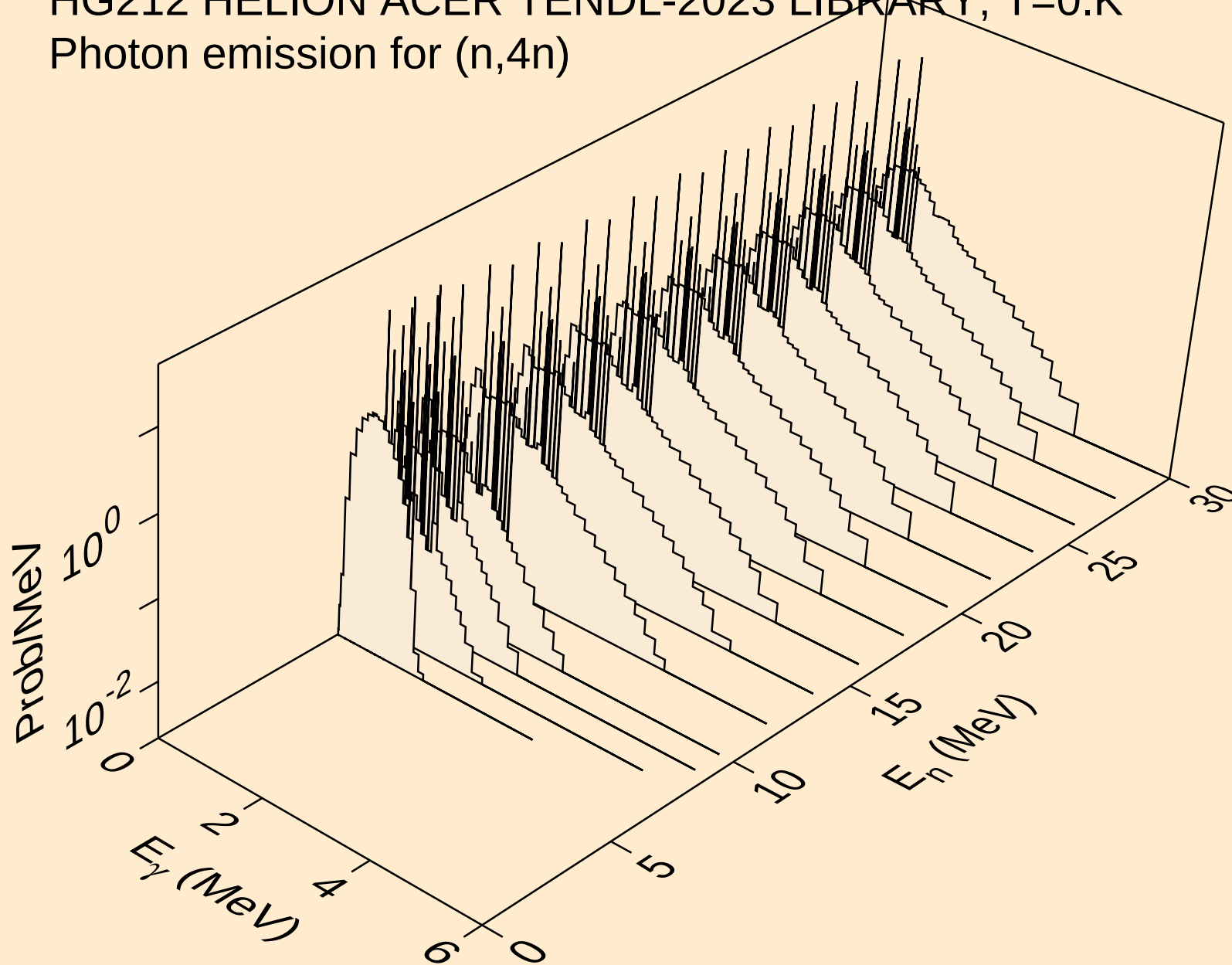


HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K

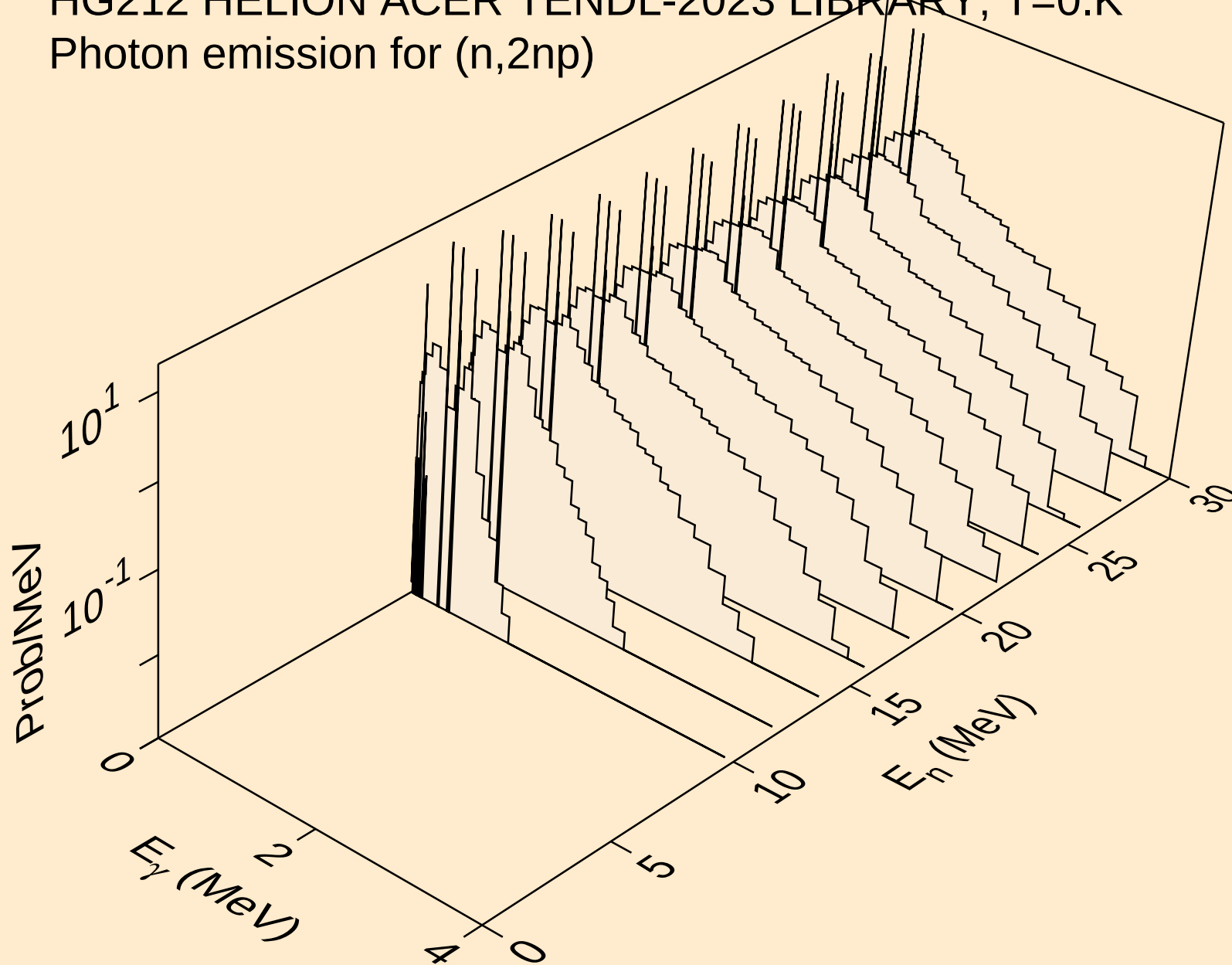
Photon emission for (n,n\*)he3



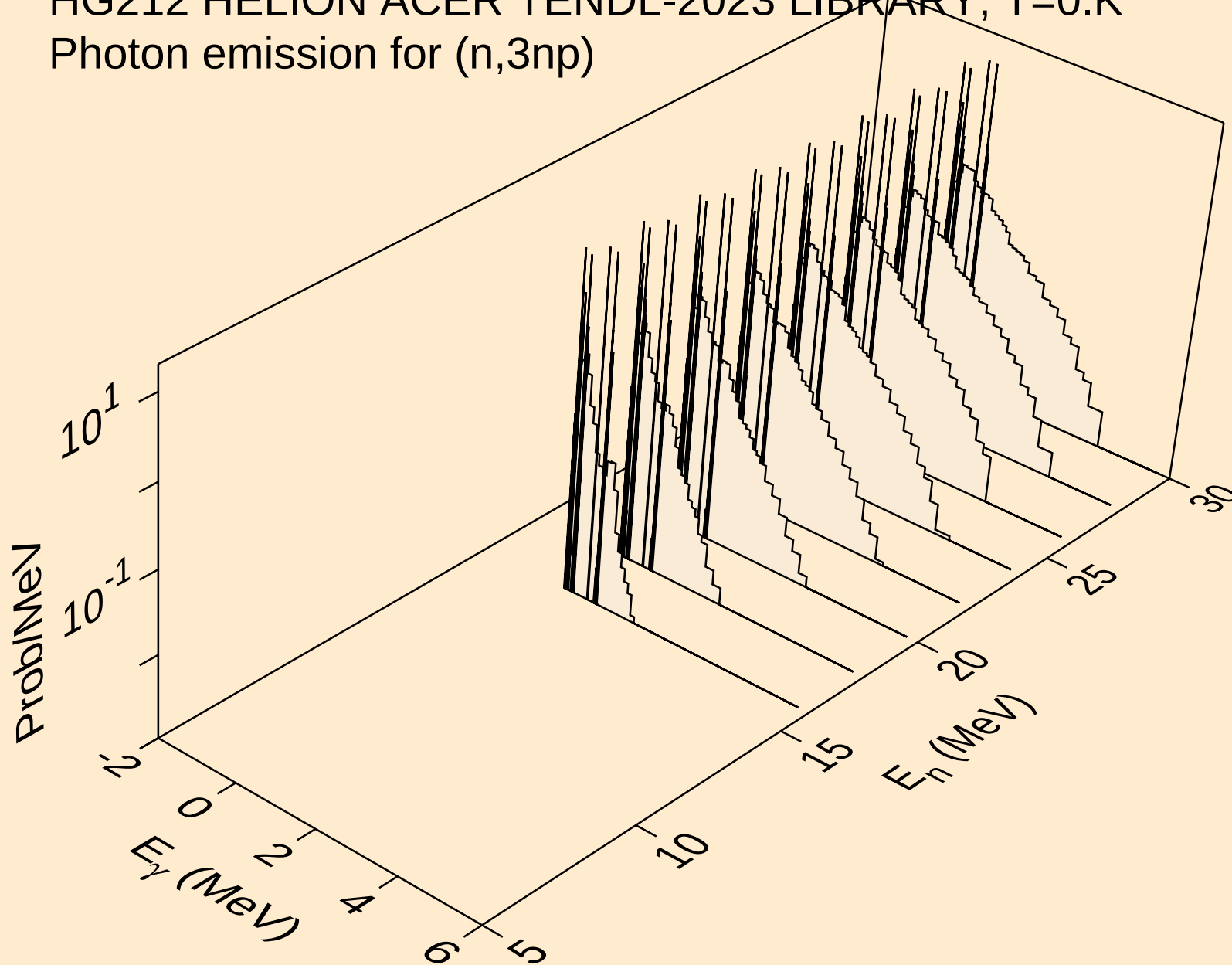
HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



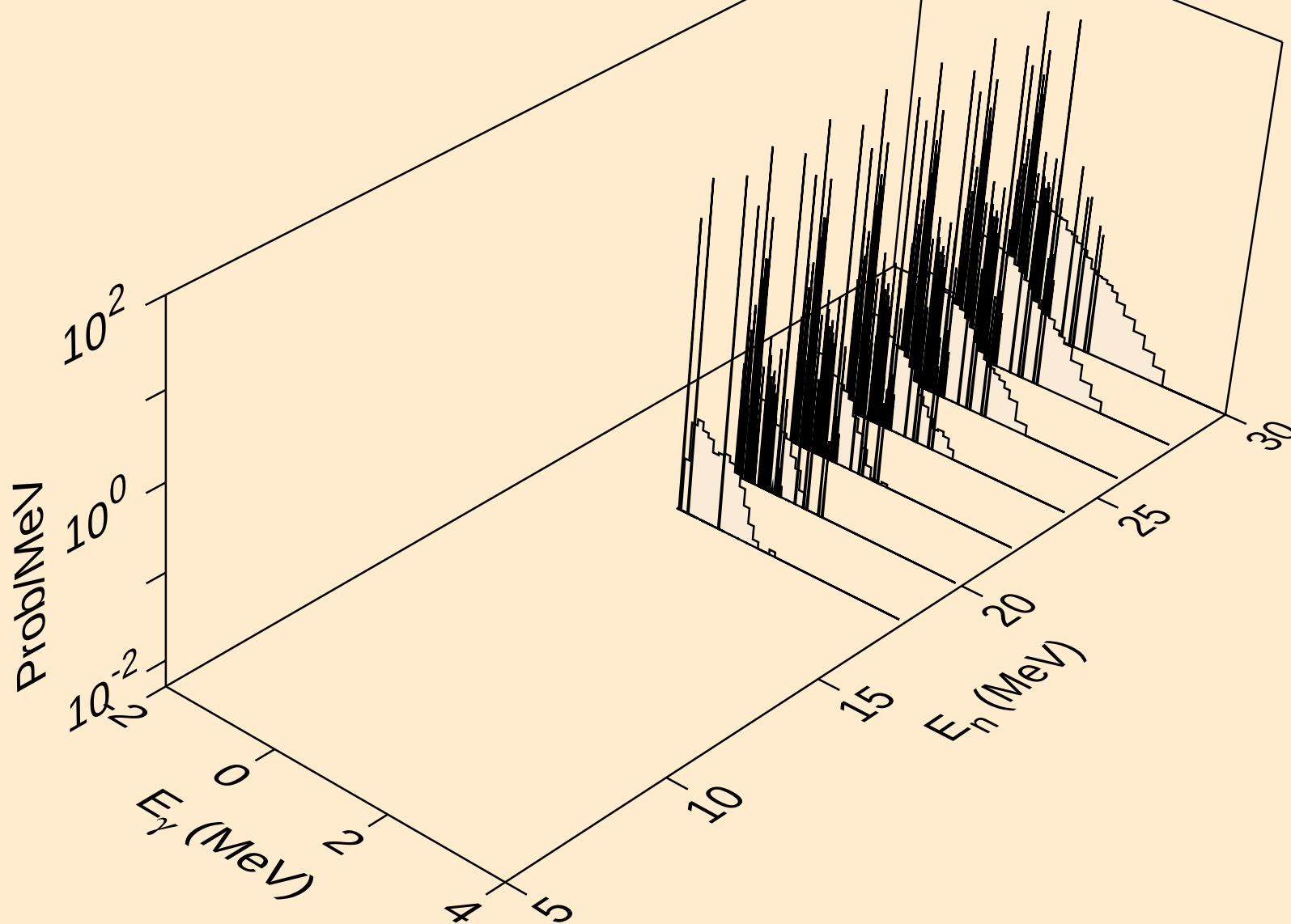
HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)

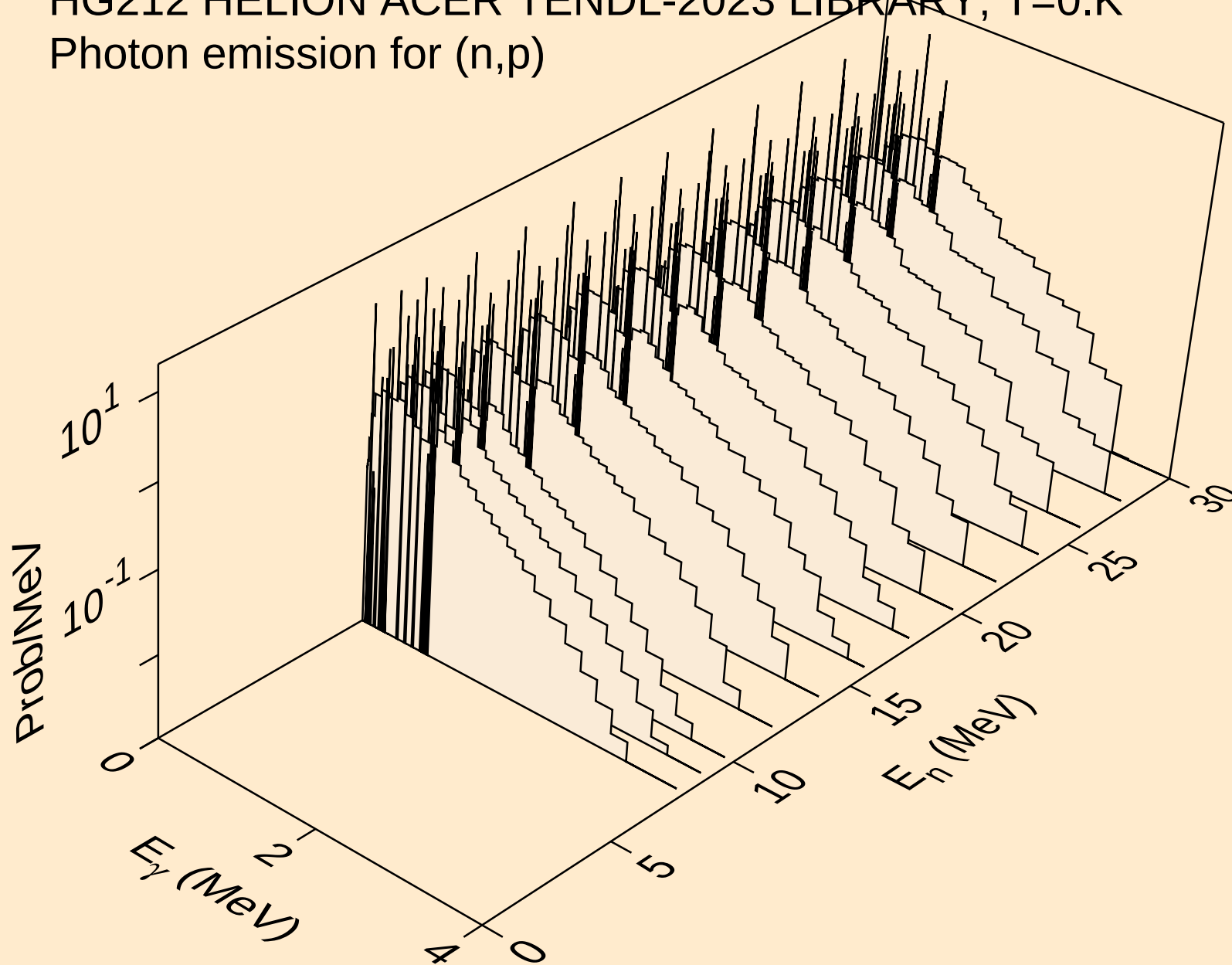


HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



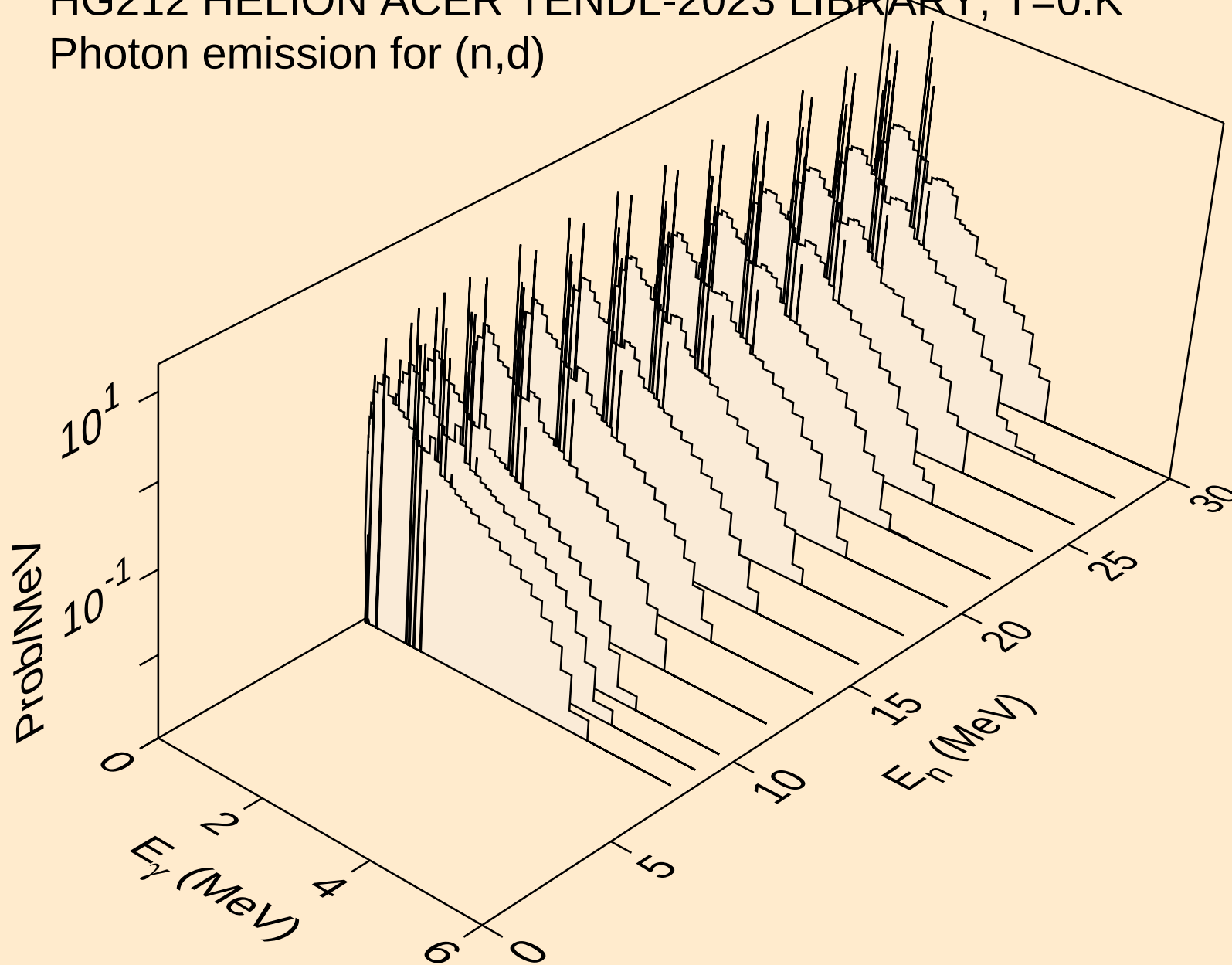
HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,p)



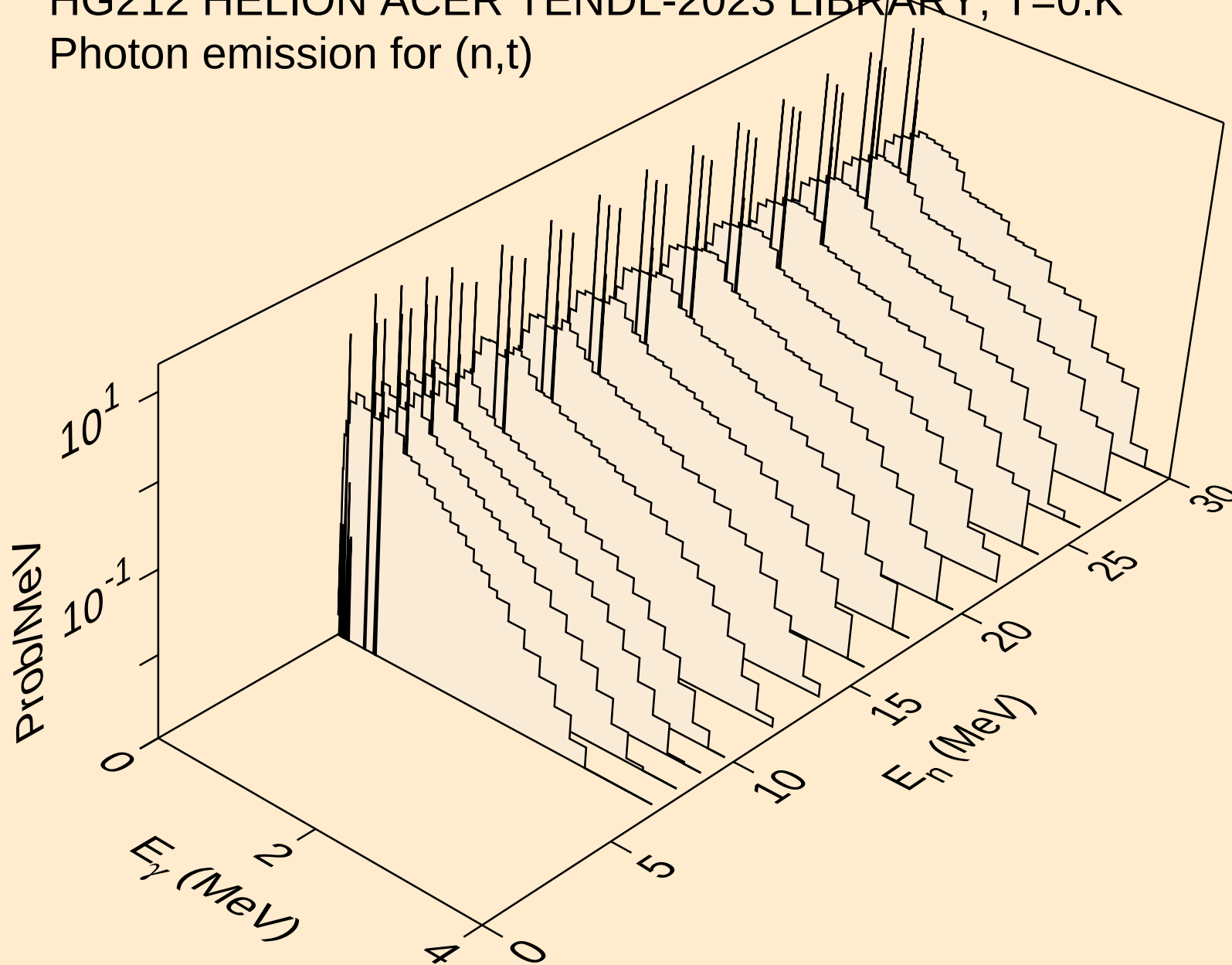


HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)

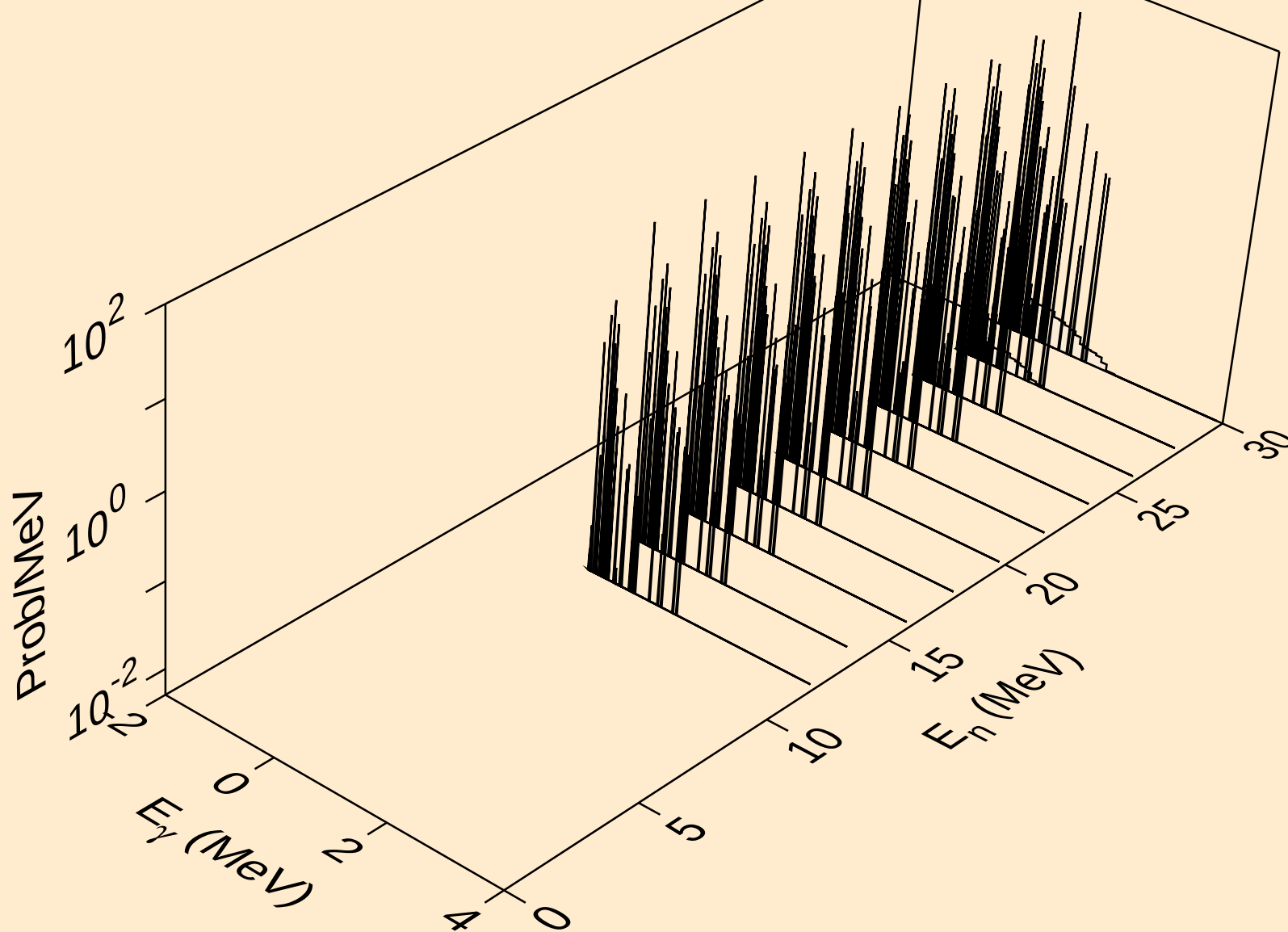


HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,t)

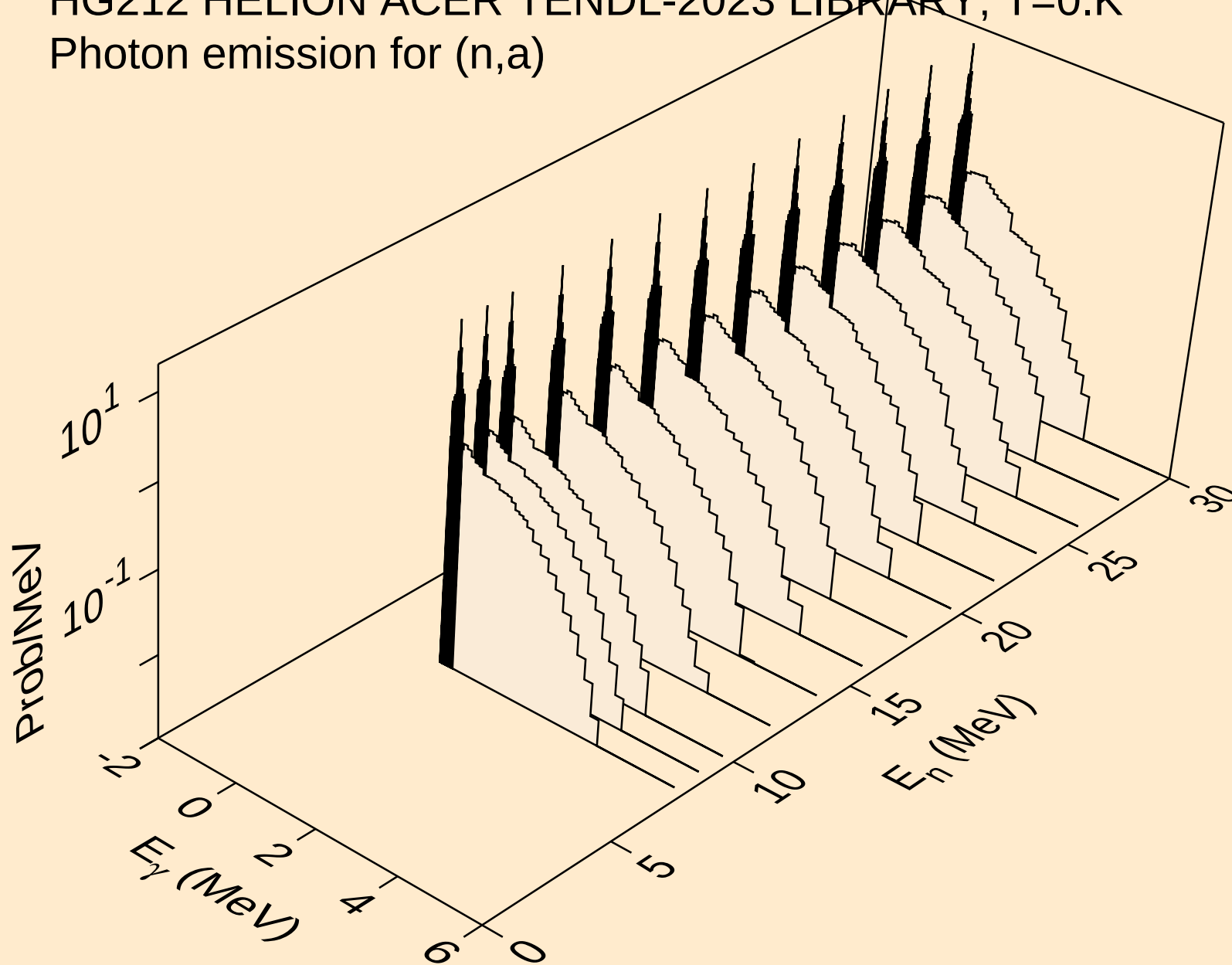


HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

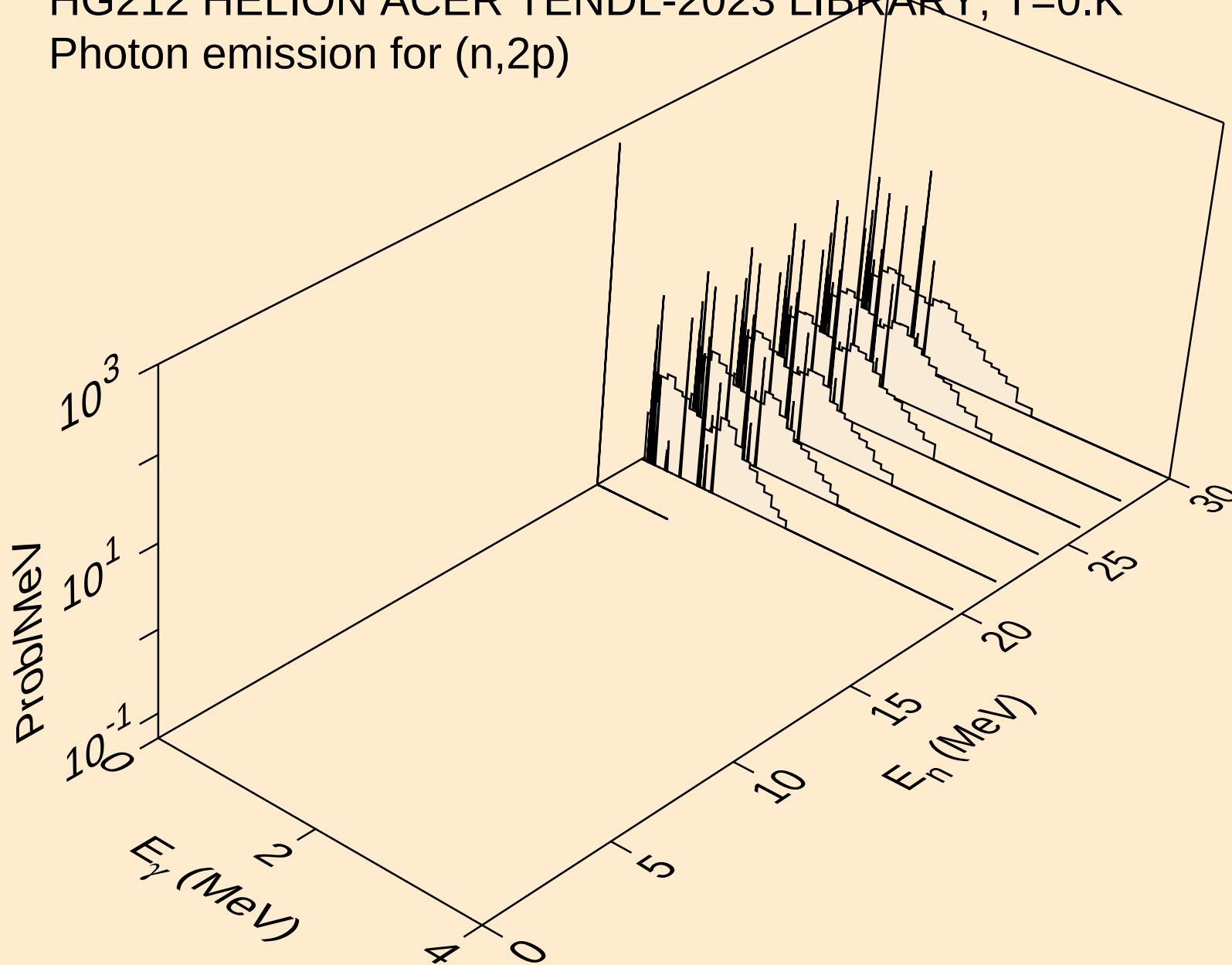


HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K

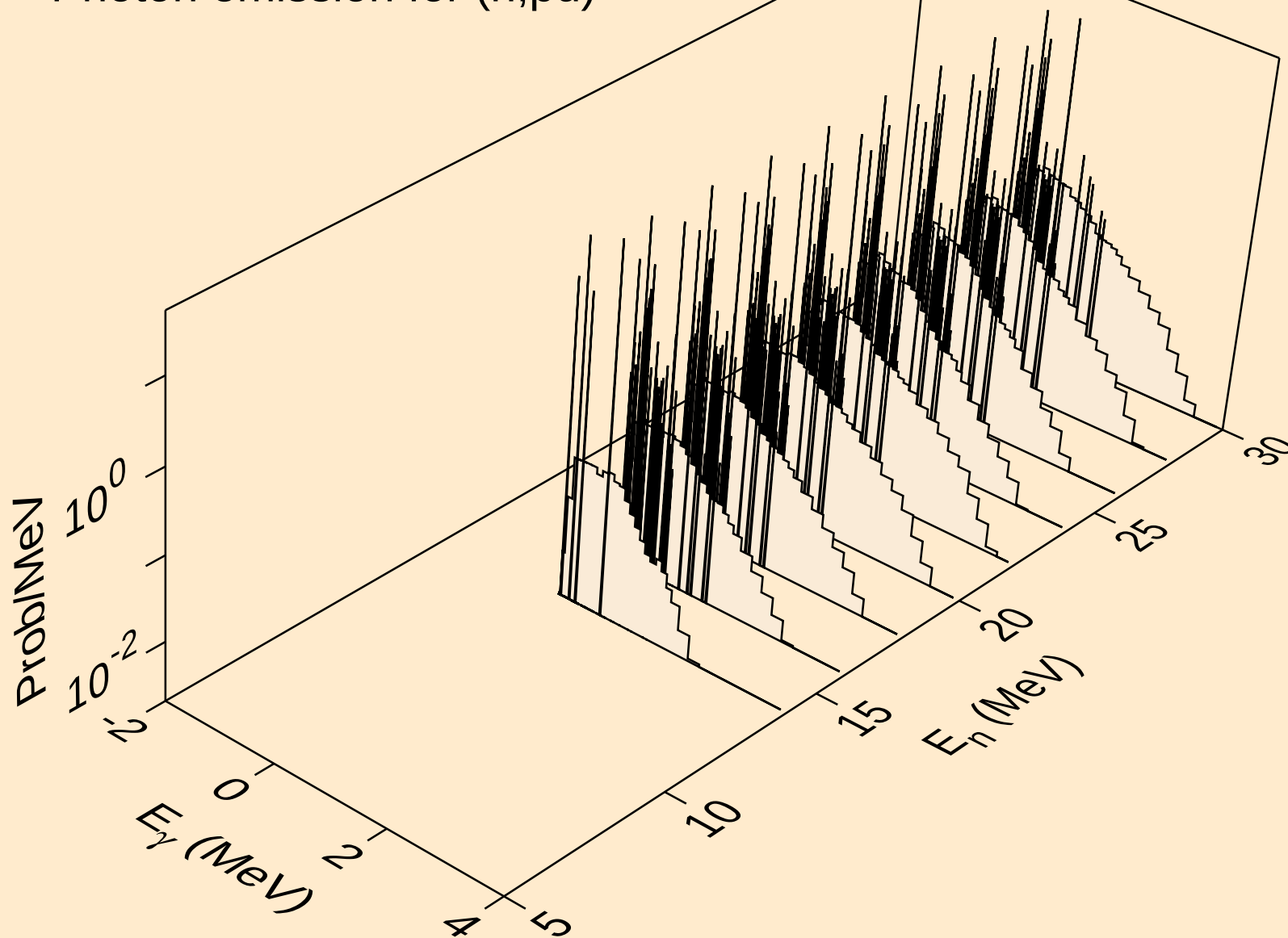
Photon emission for (n,a)



HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)

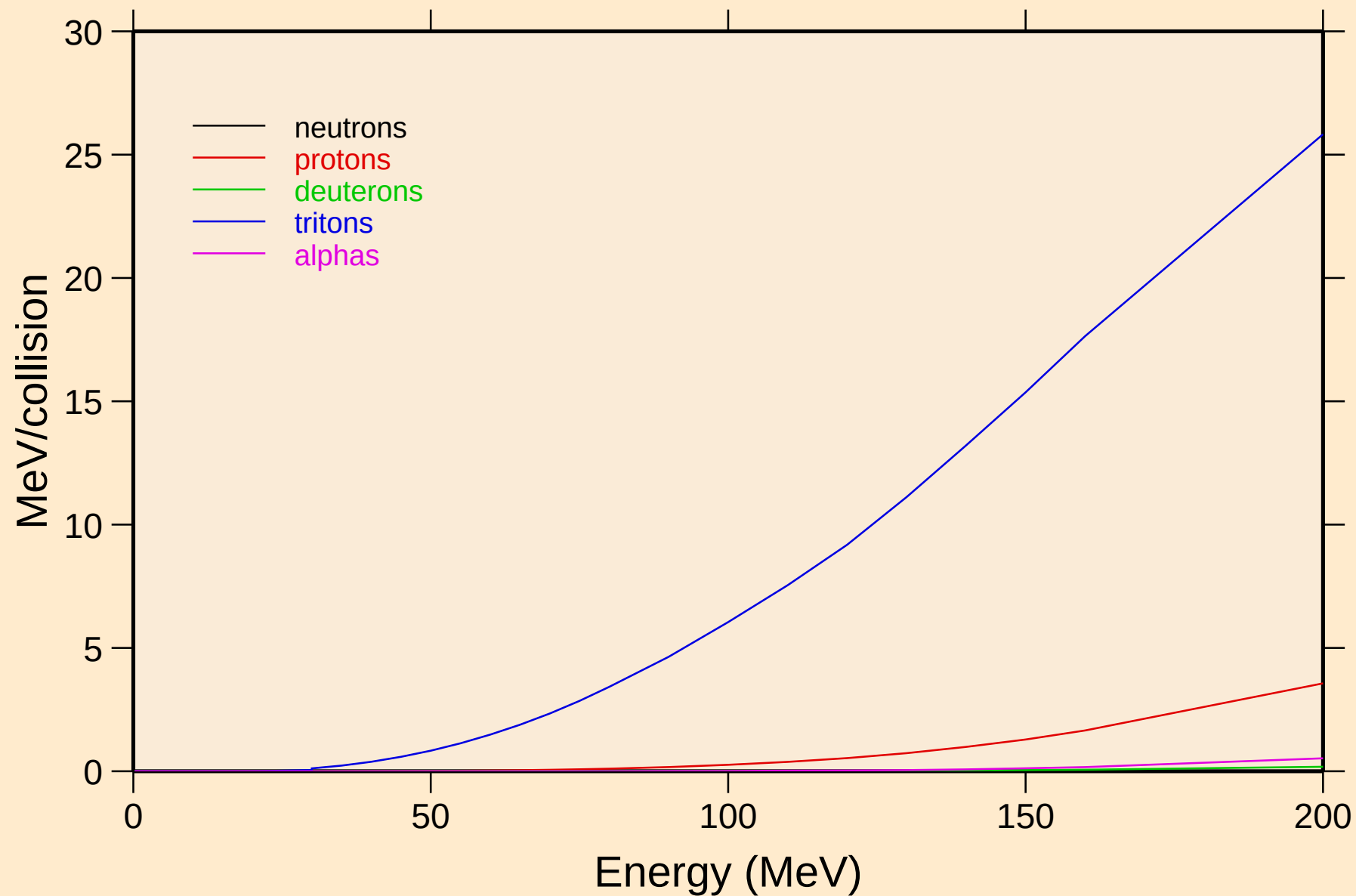


HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



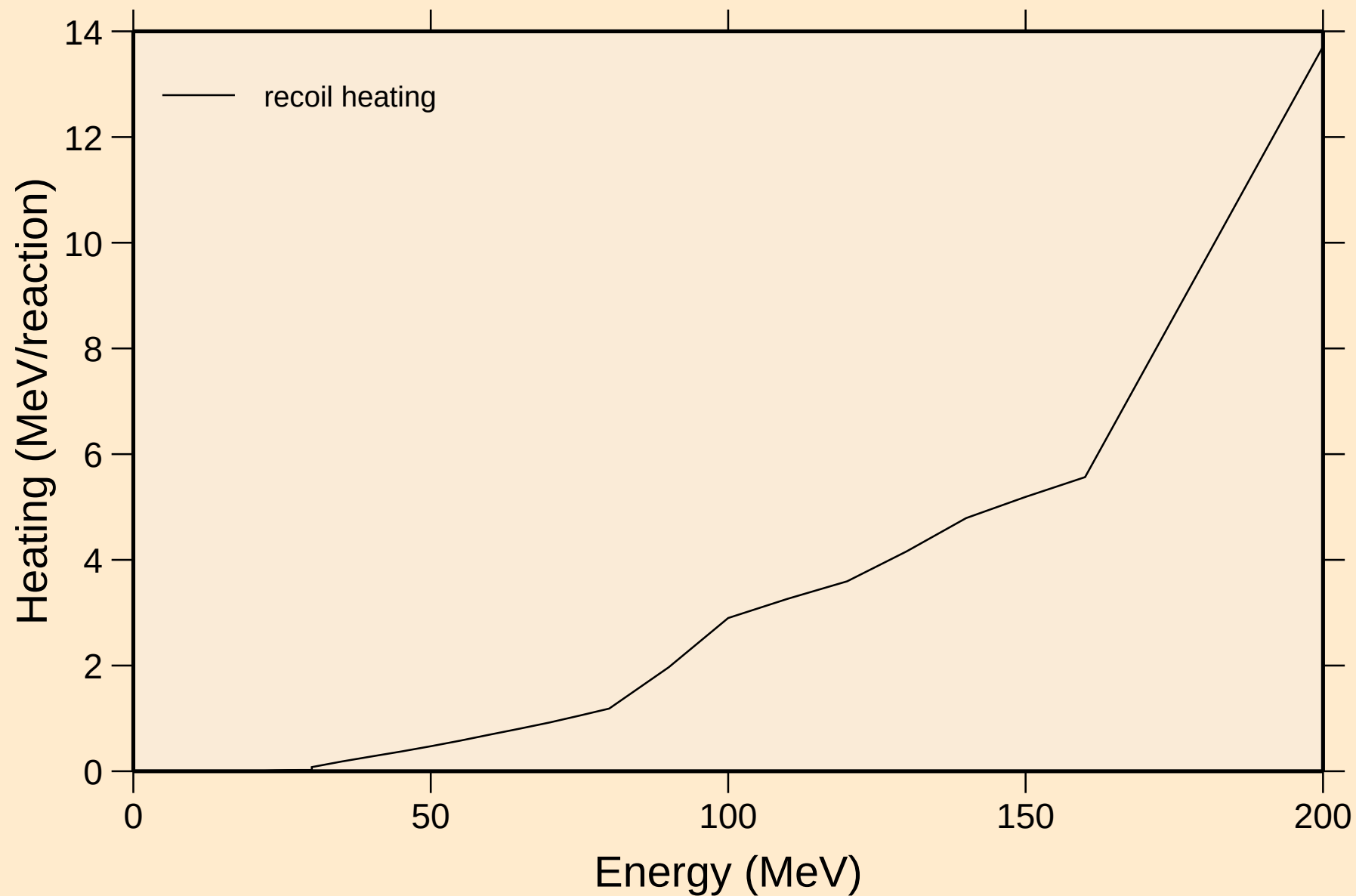
# HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions



HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K

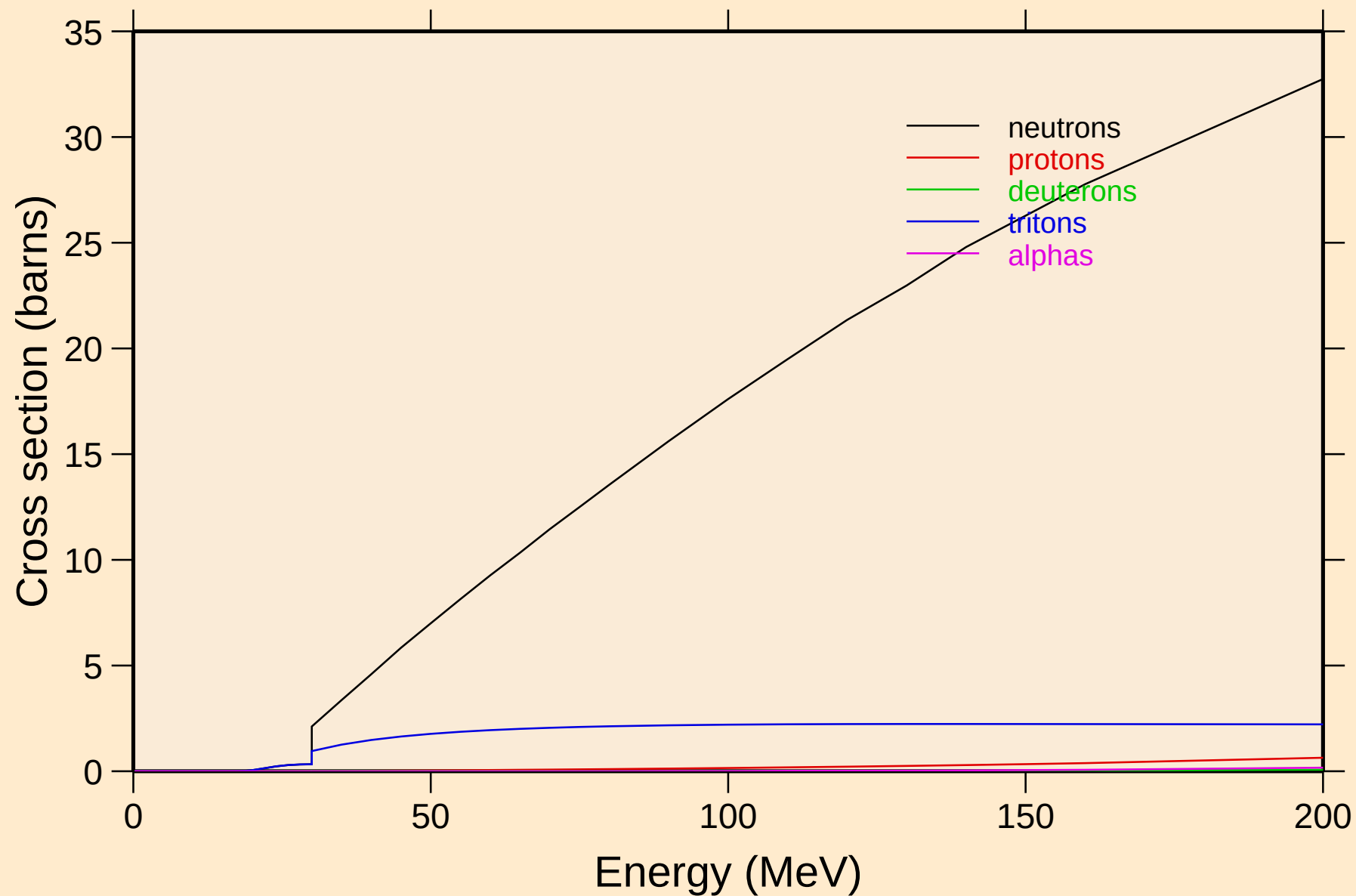
## Recoil Heating



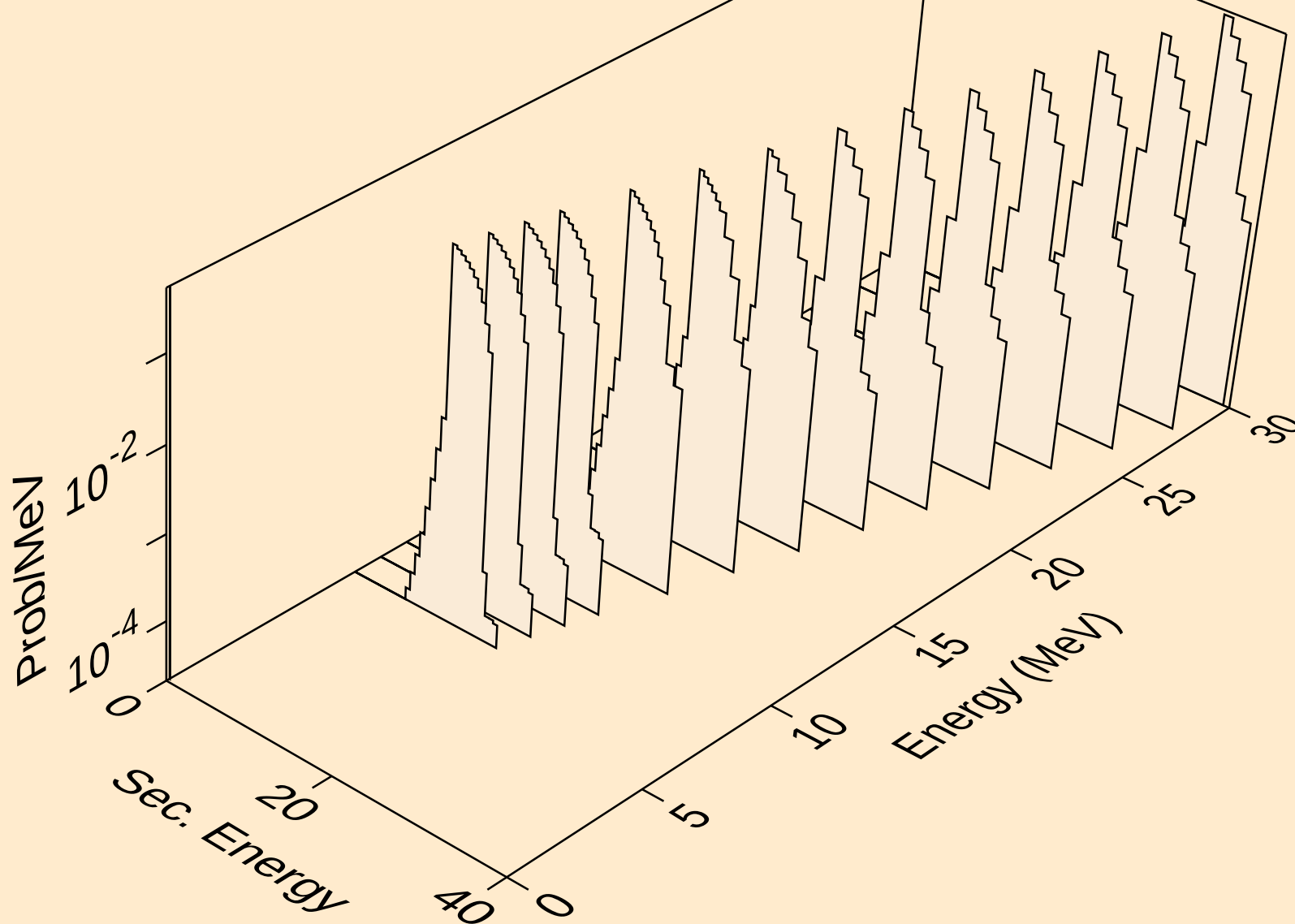


# HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K

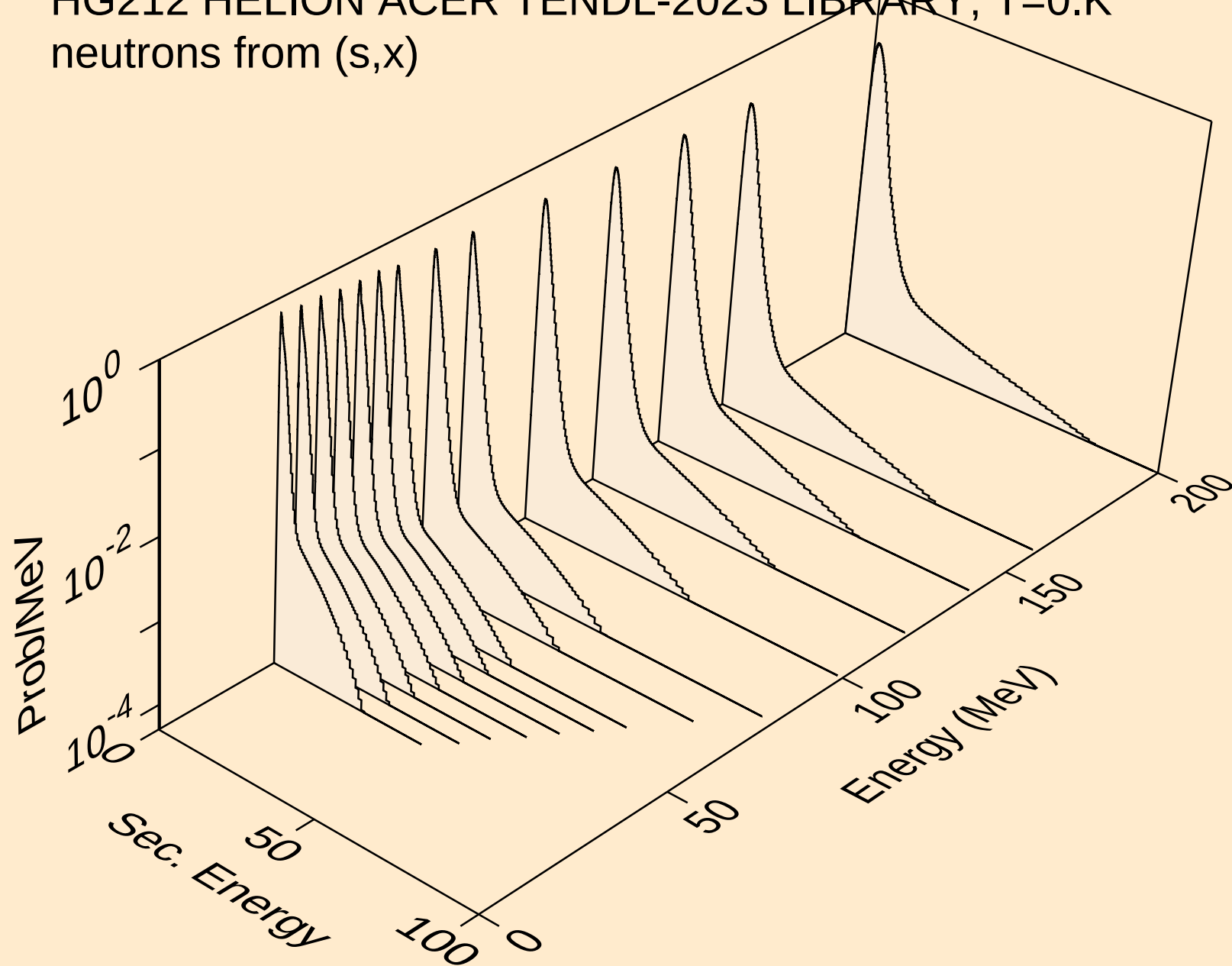
## Particle production cross sections



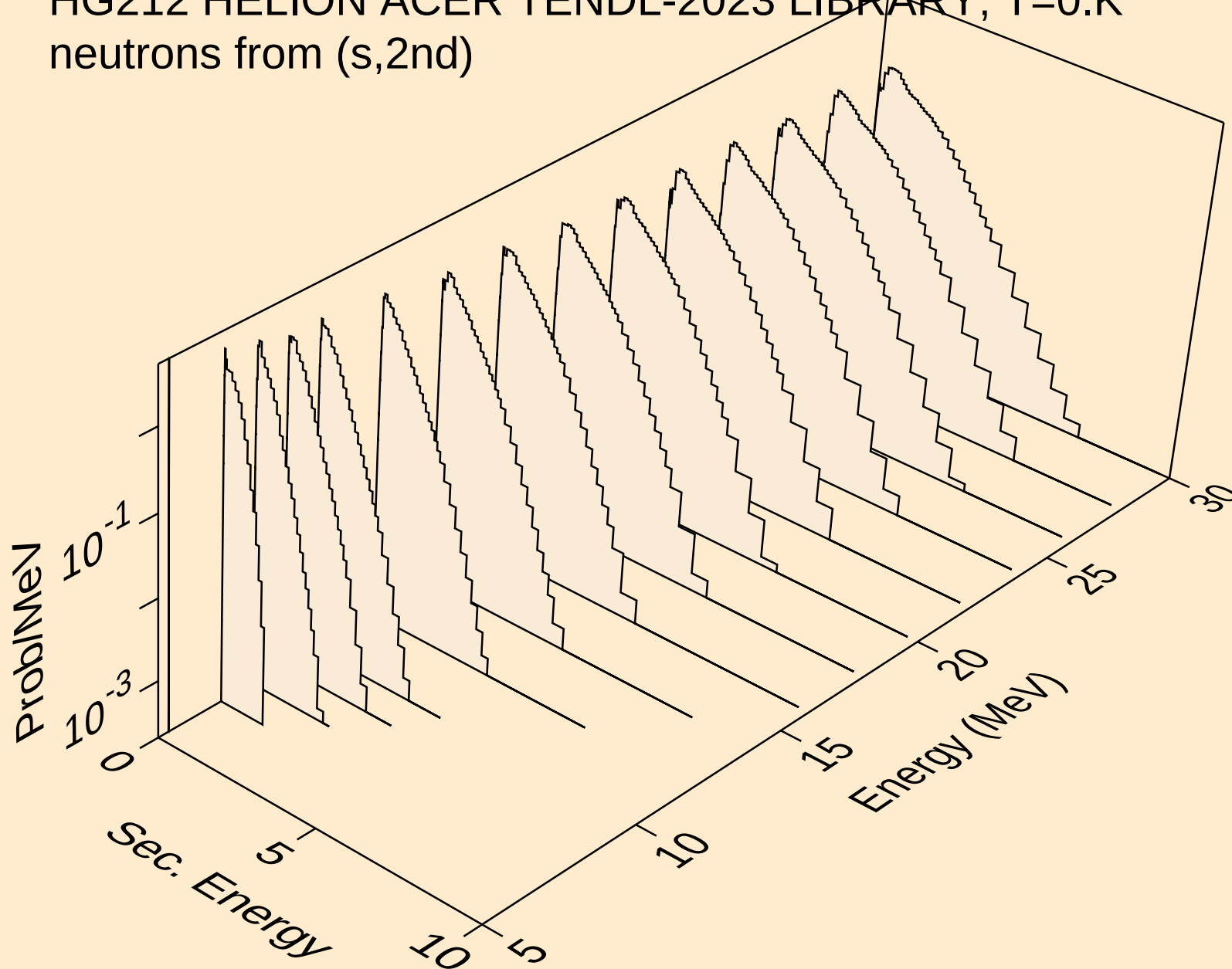
HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n)



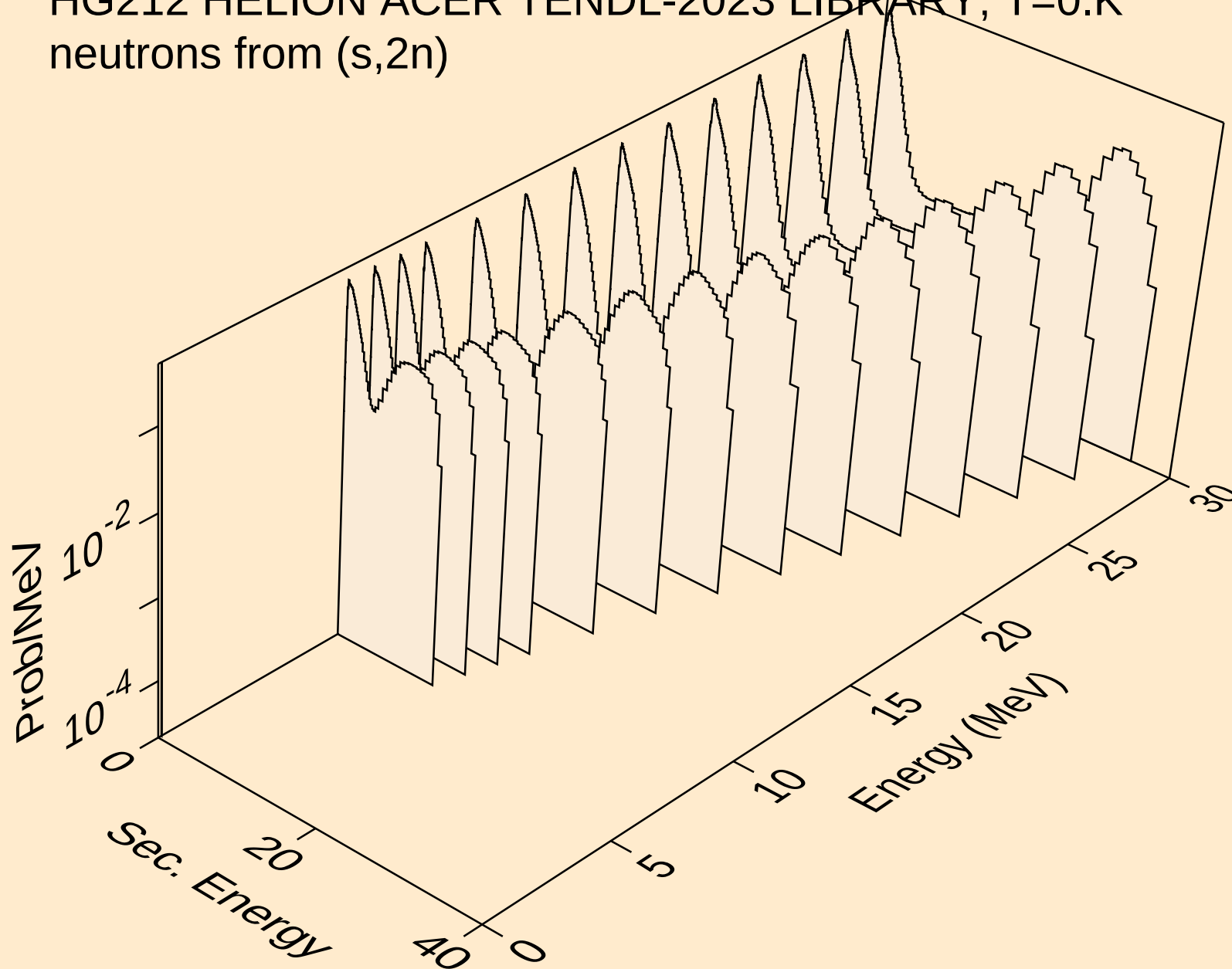
HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,x)



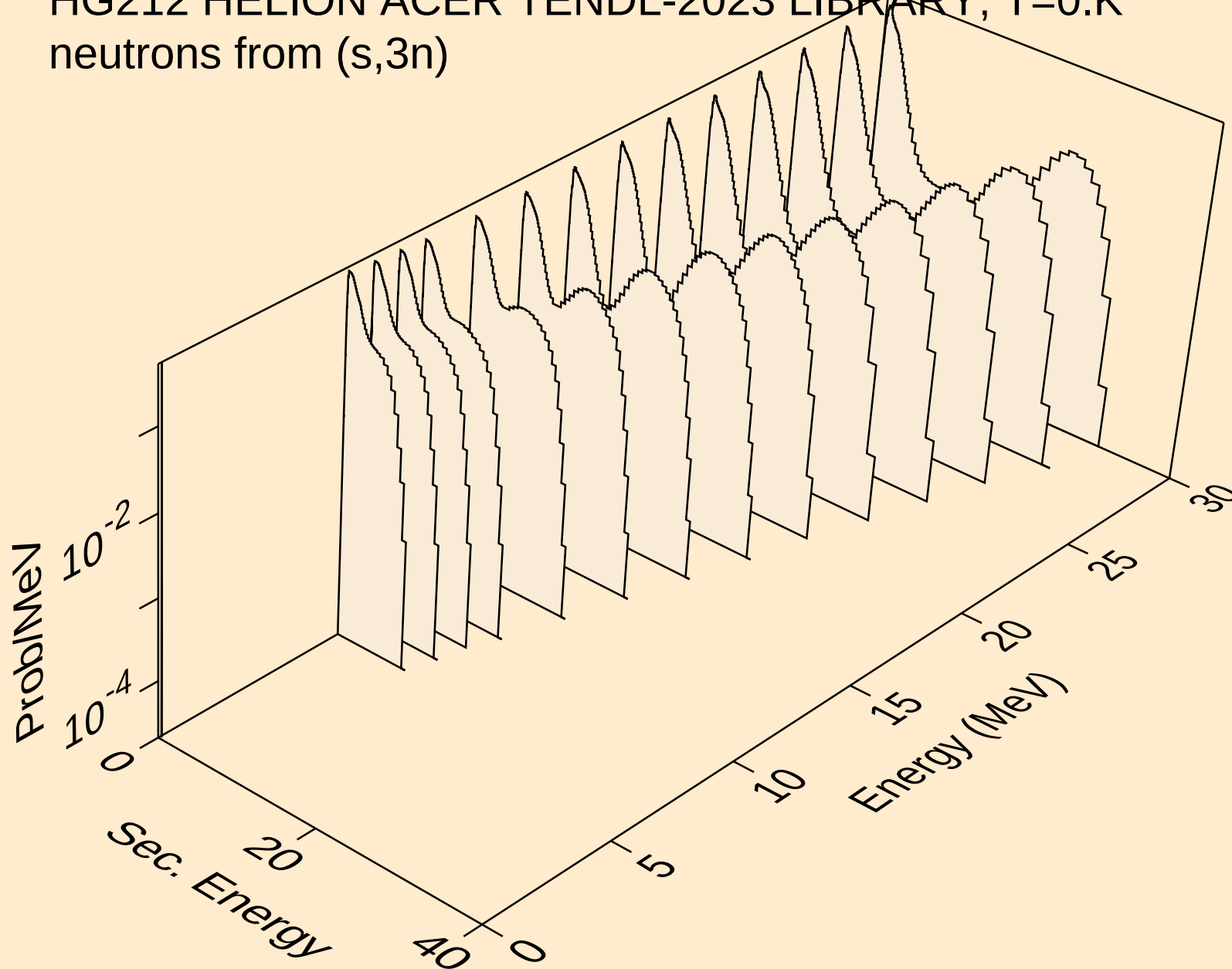
HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2nd)



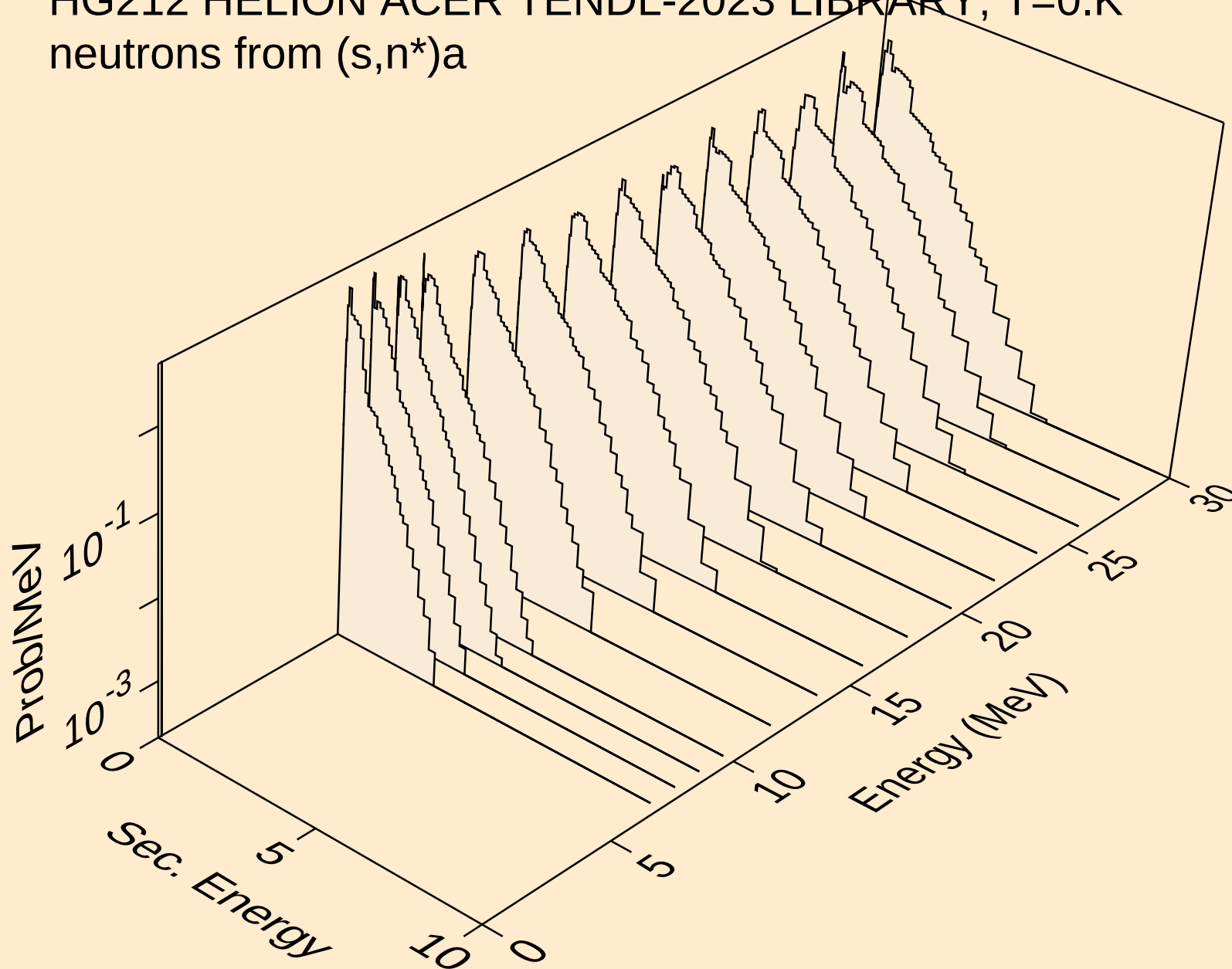
HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)



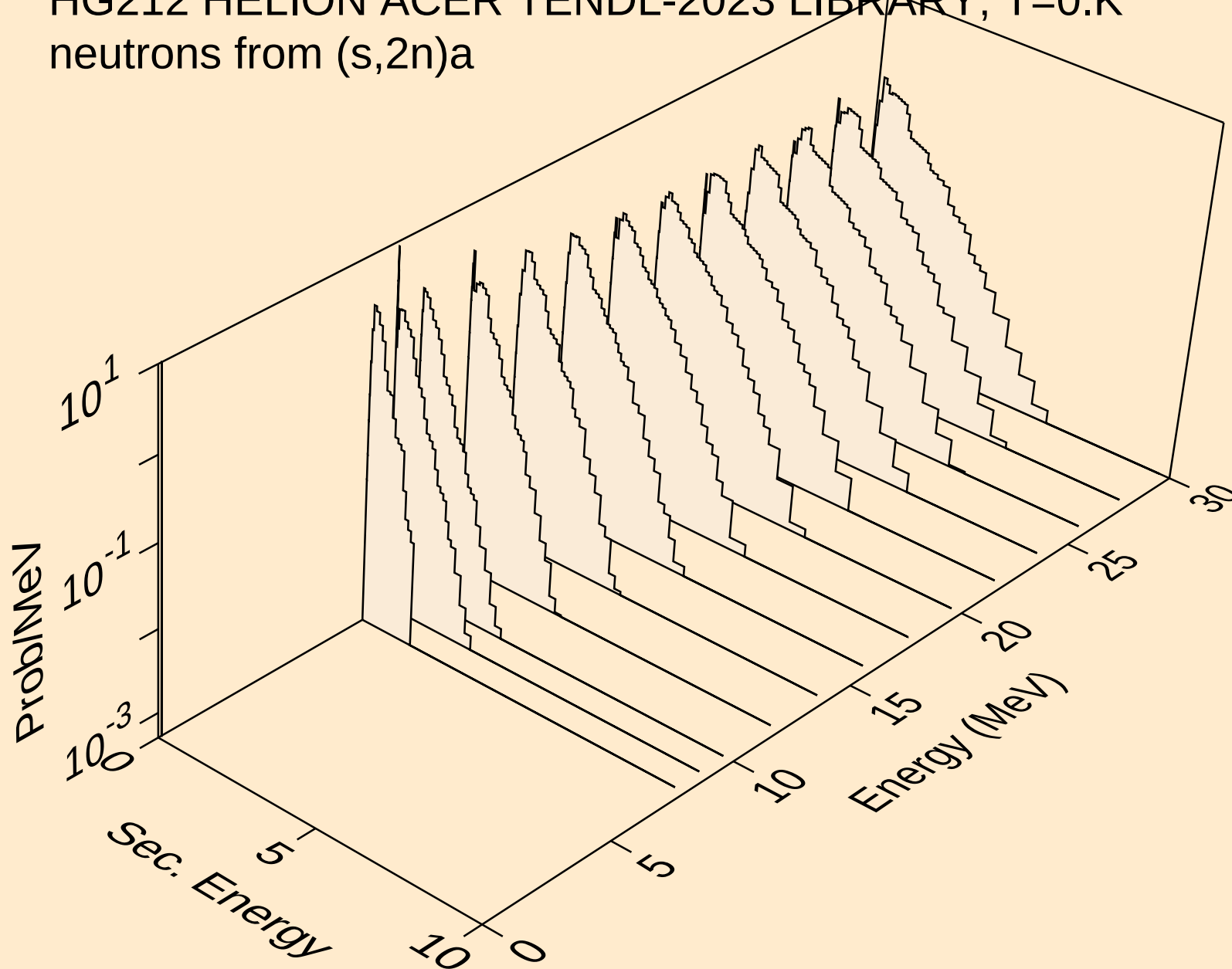
HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3n)



HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)a

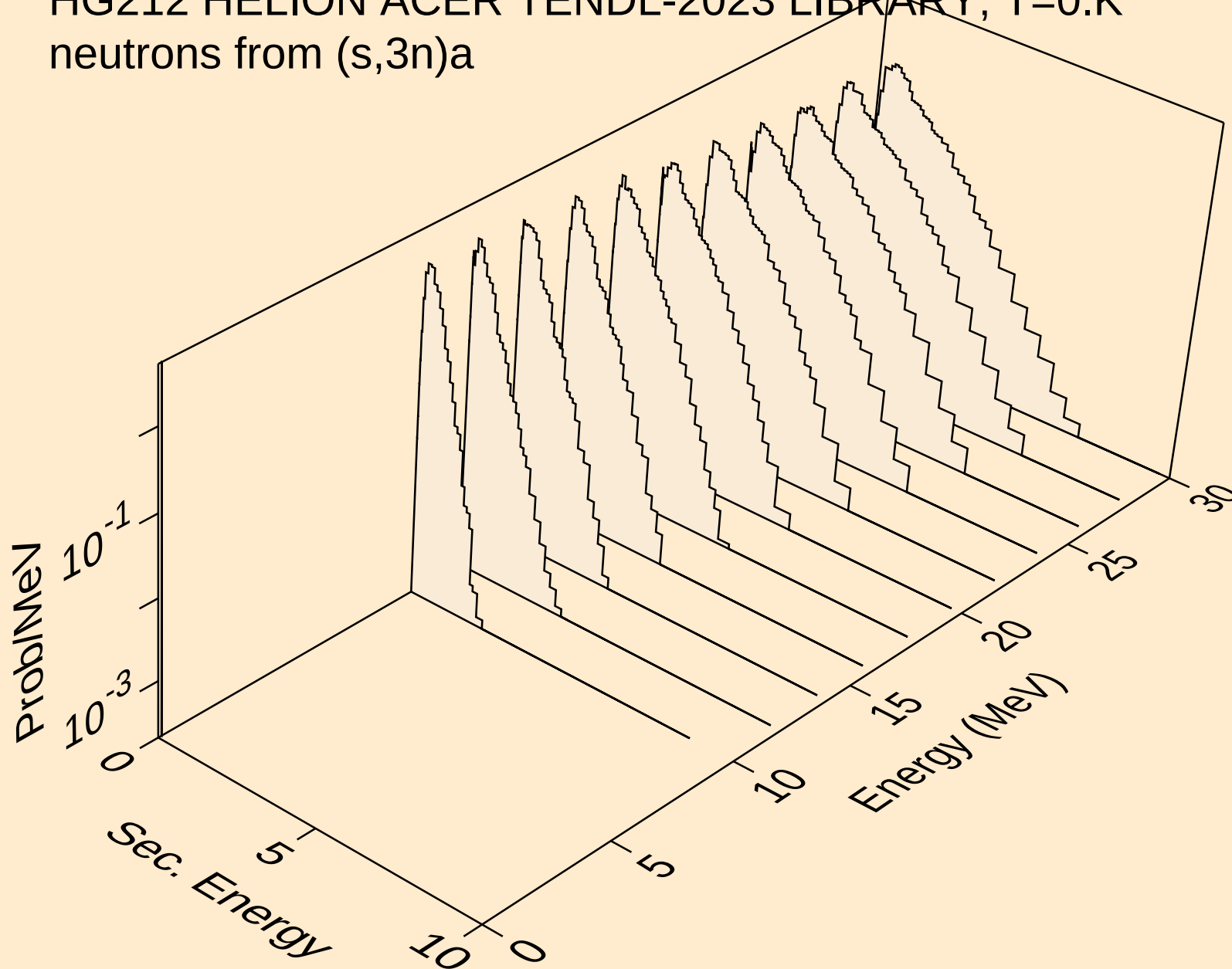


HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)a

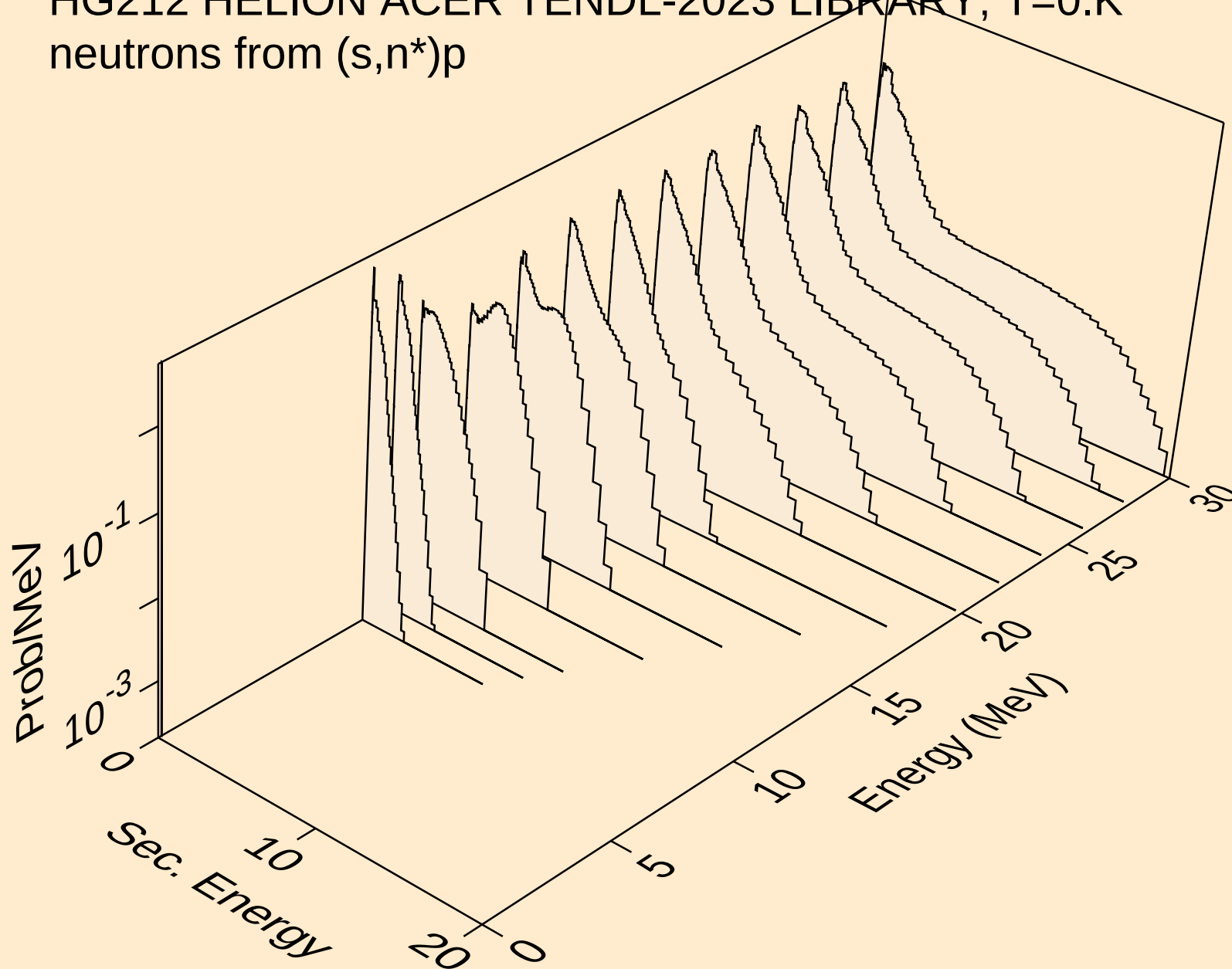




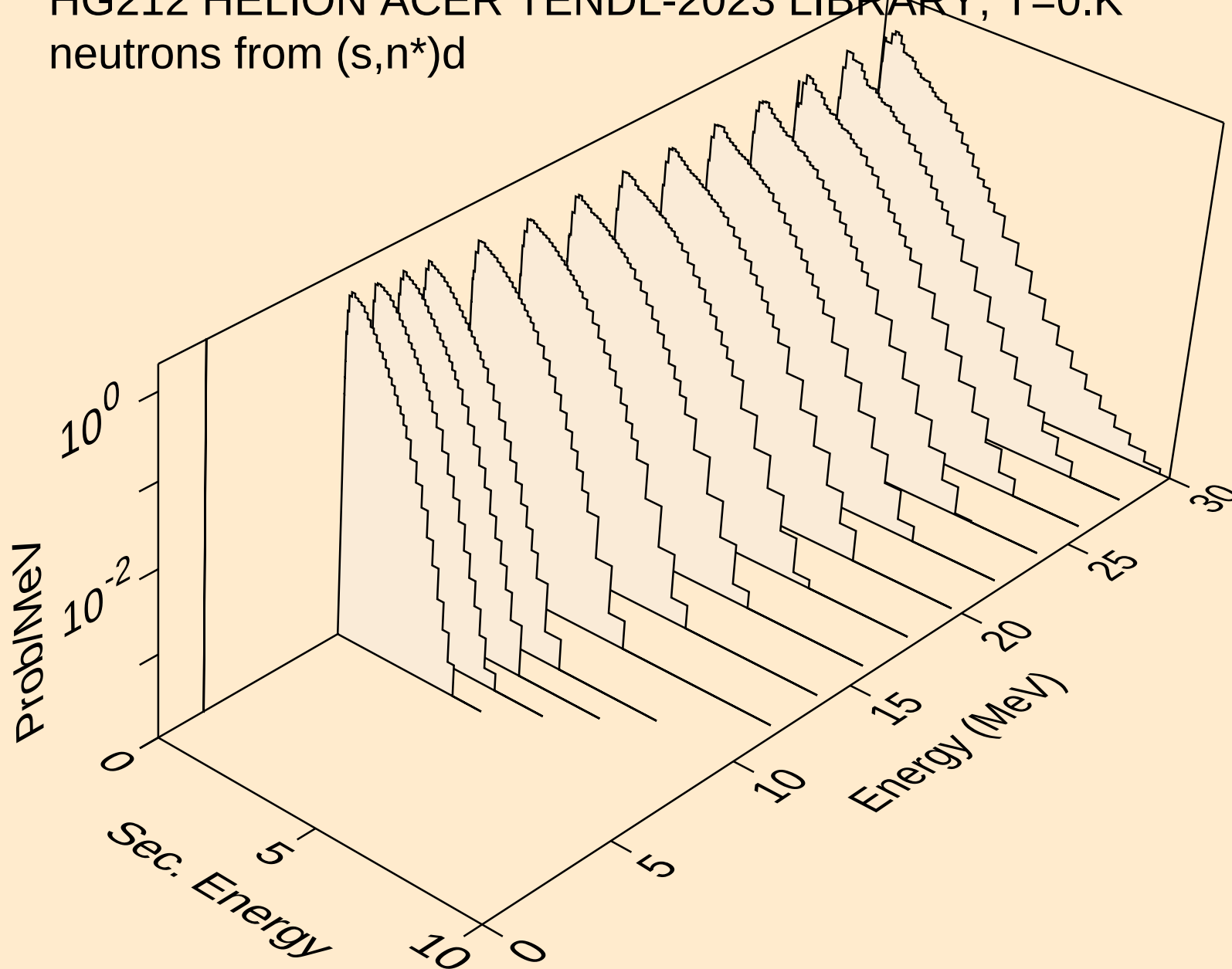
HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3n)a



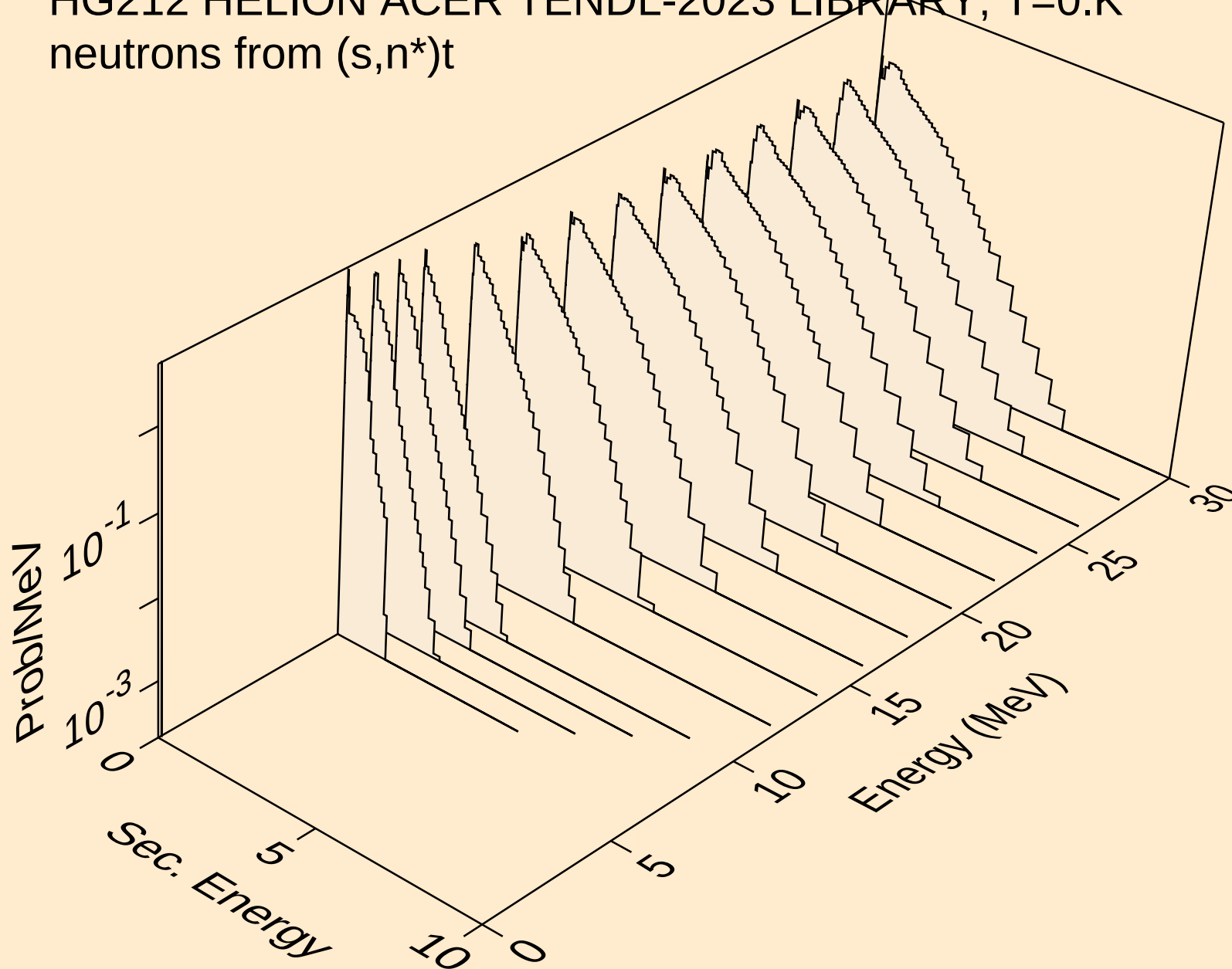
HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)p



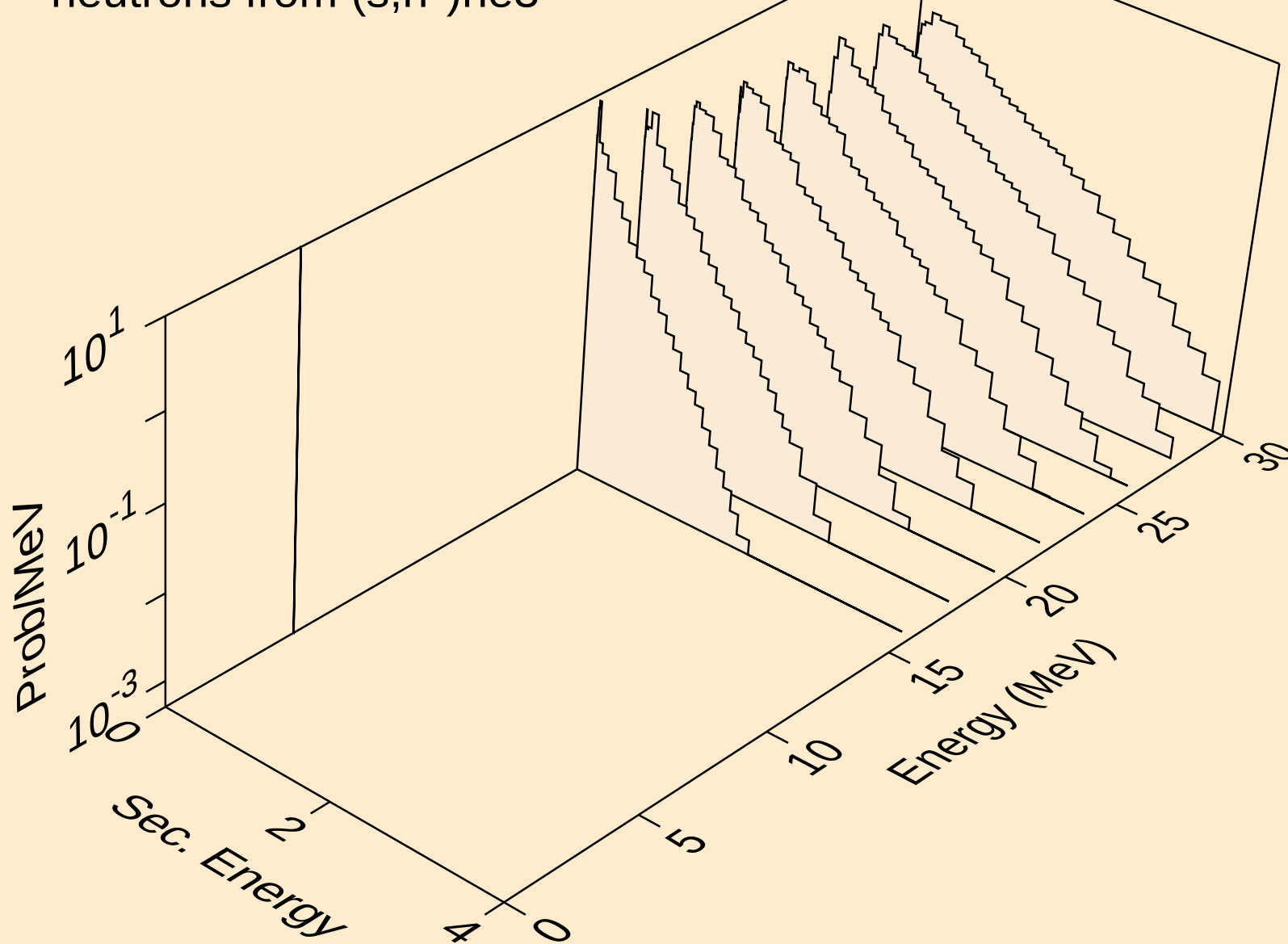
HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)d



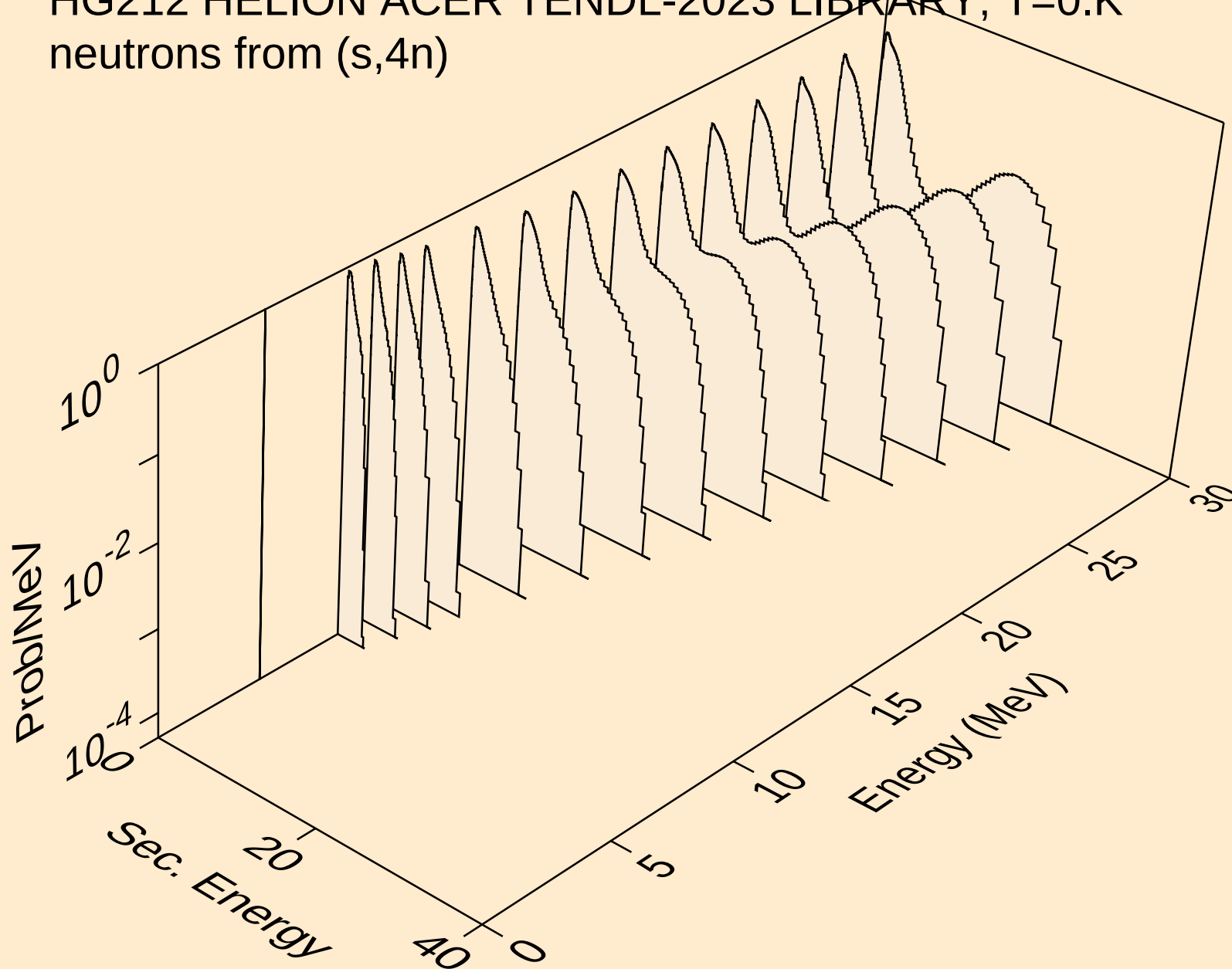
HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)t



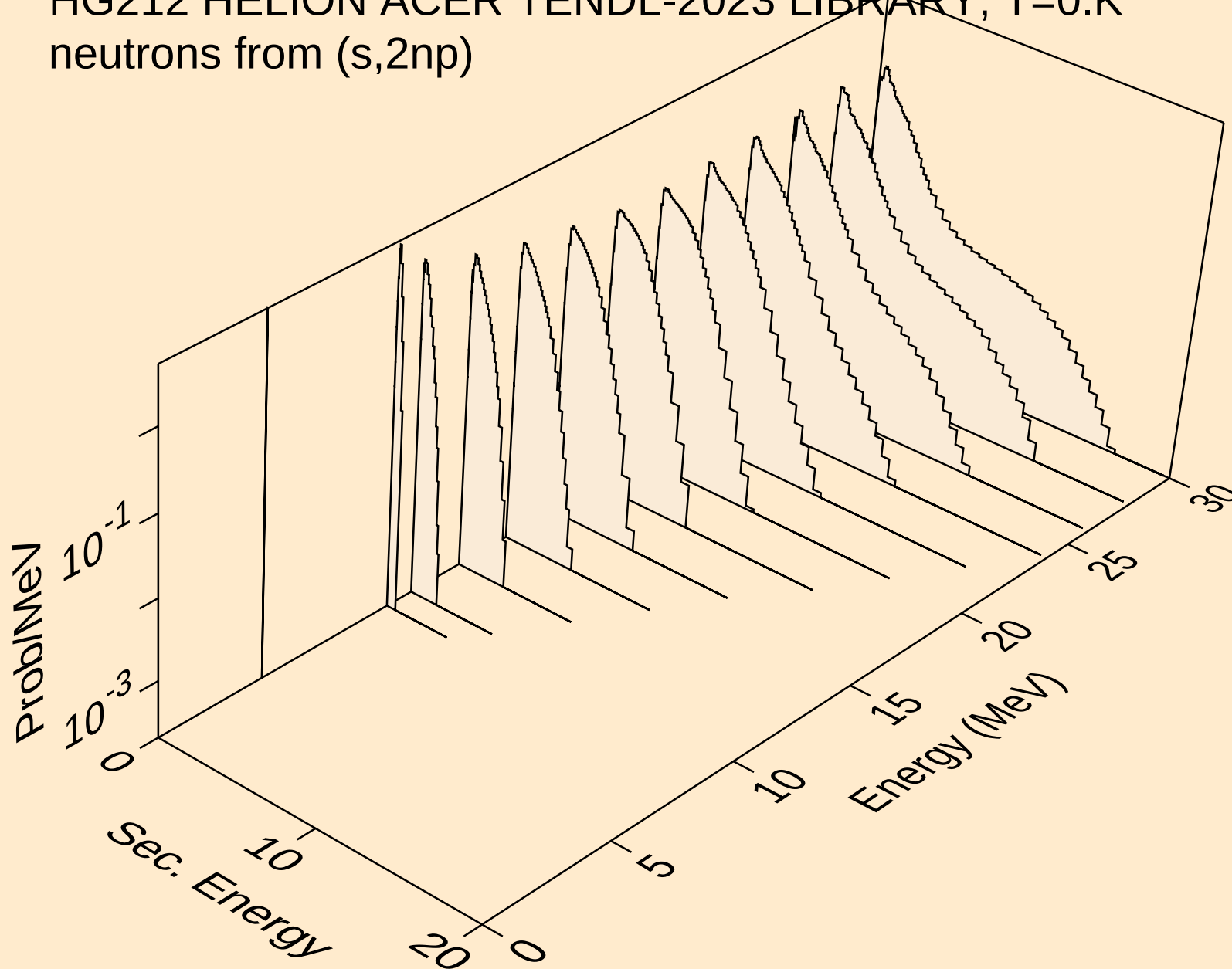
HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



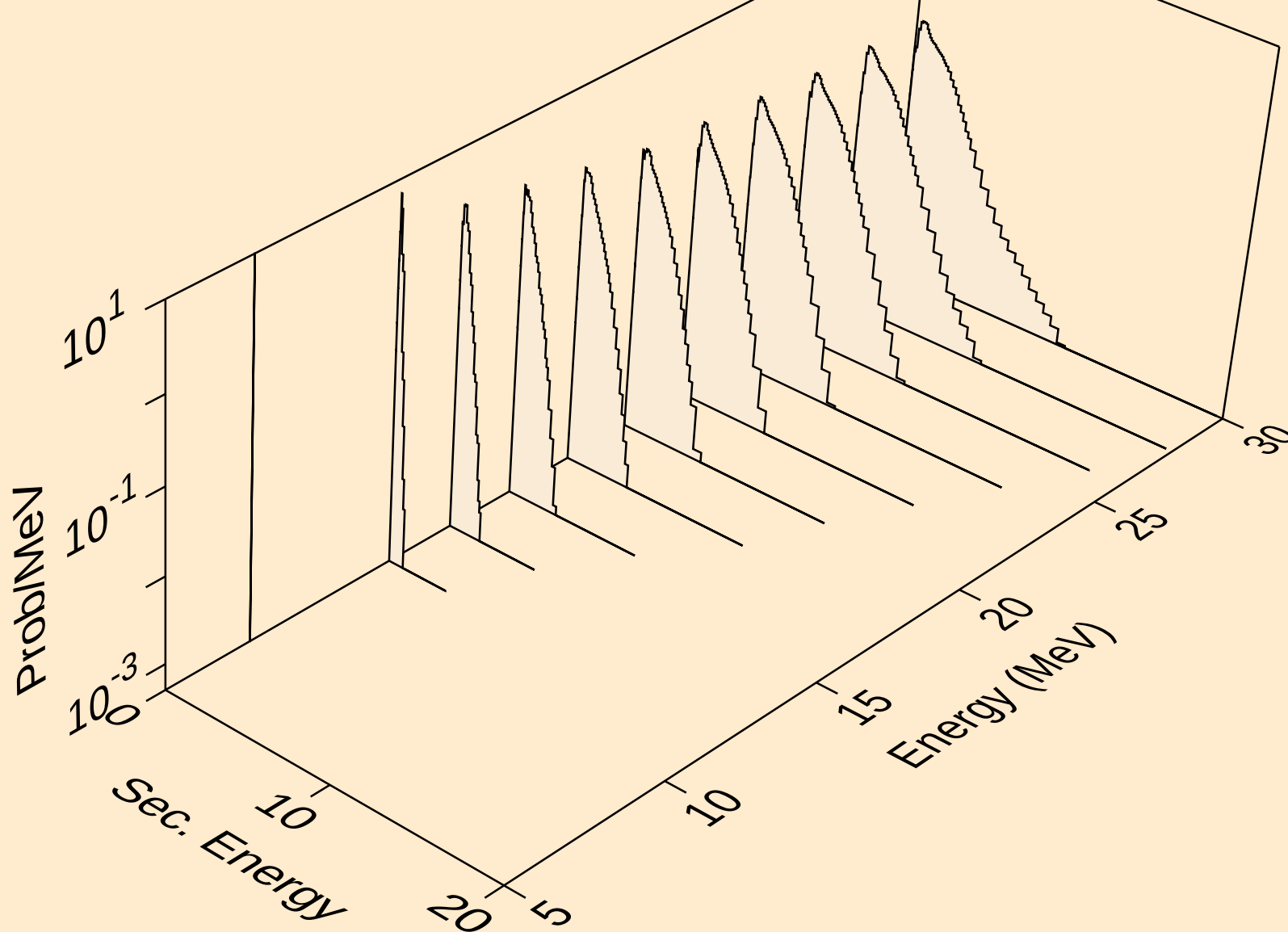
HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,4n)



HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2np)

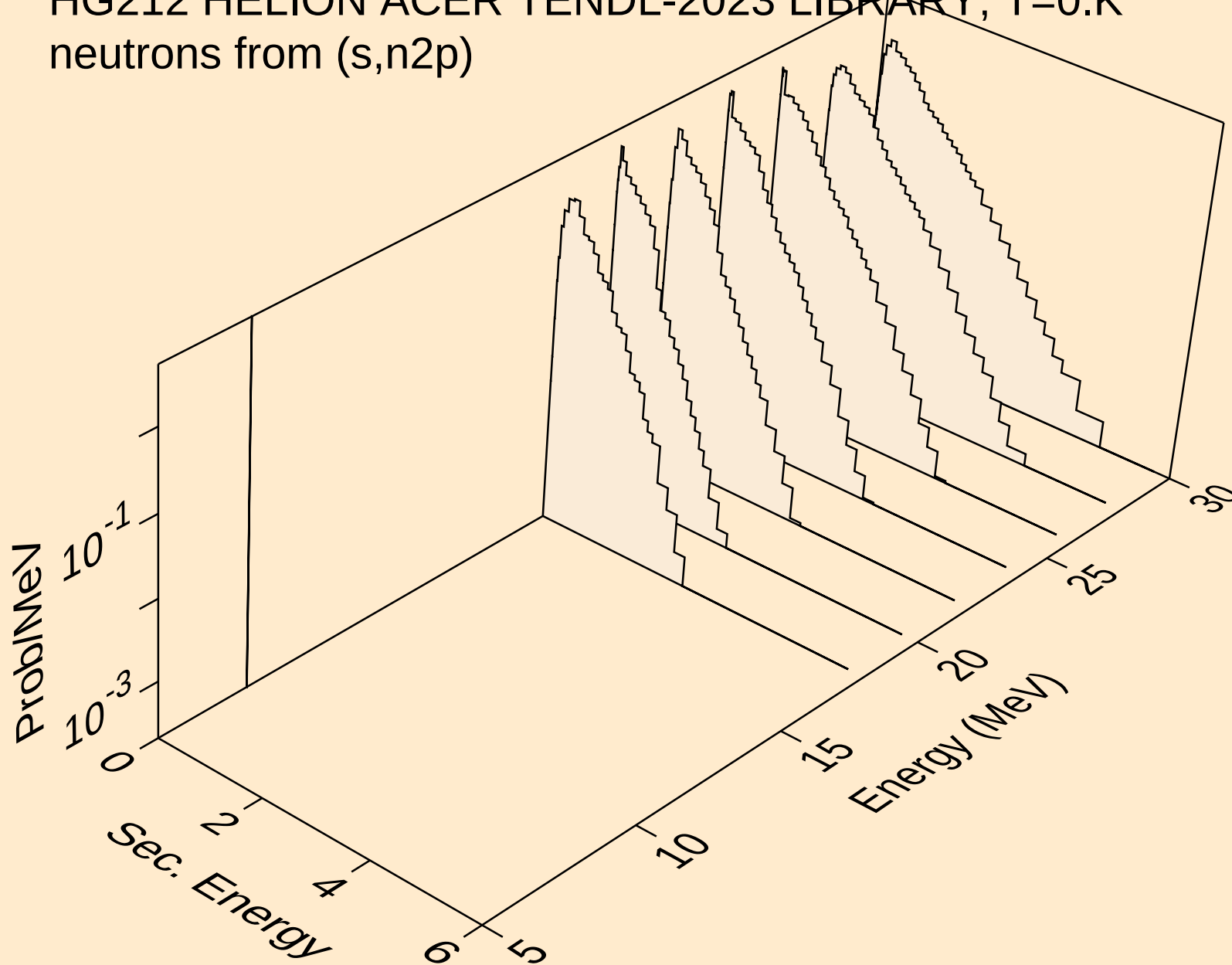


HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3np)

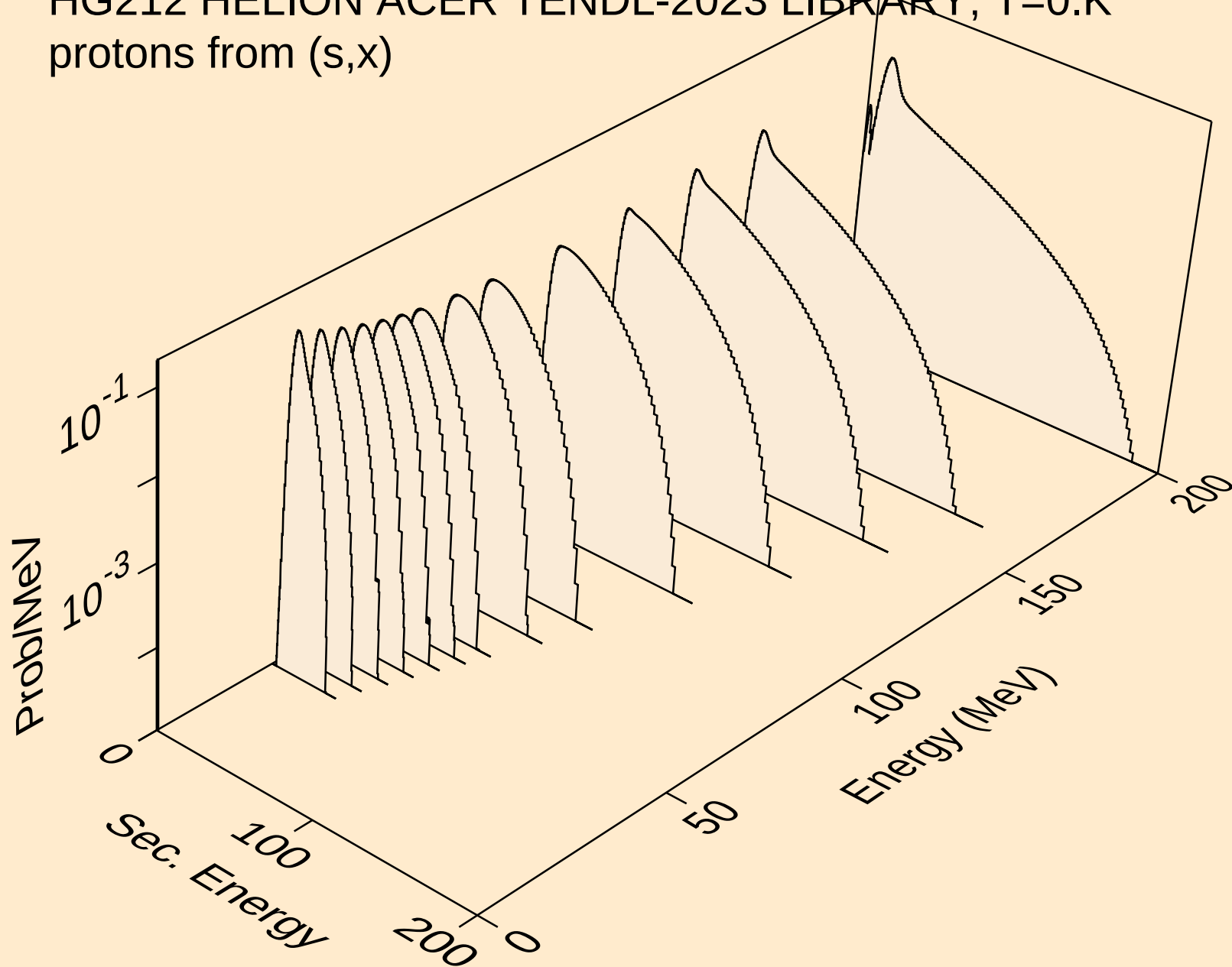




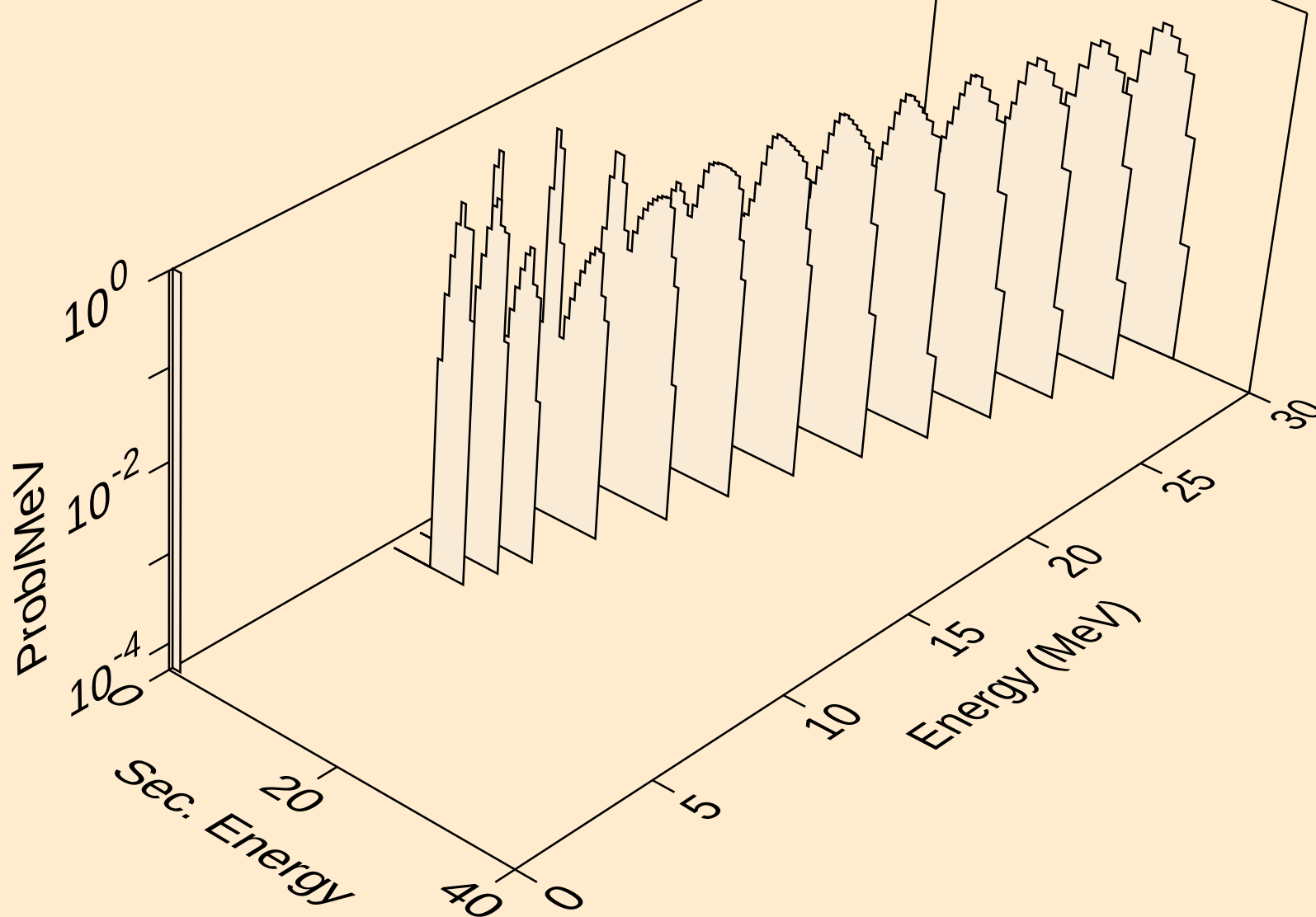
HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n2p)



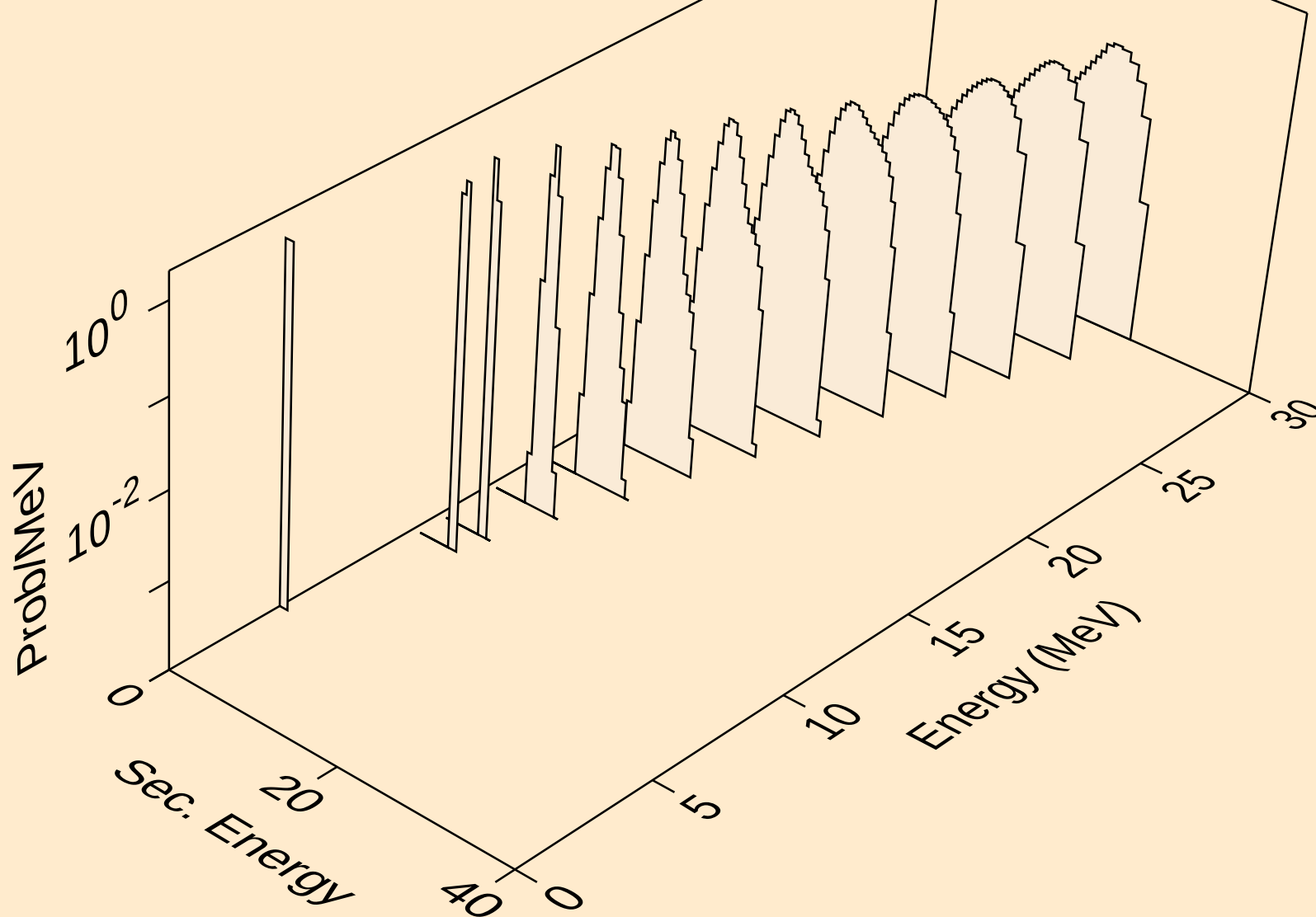
HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,x)



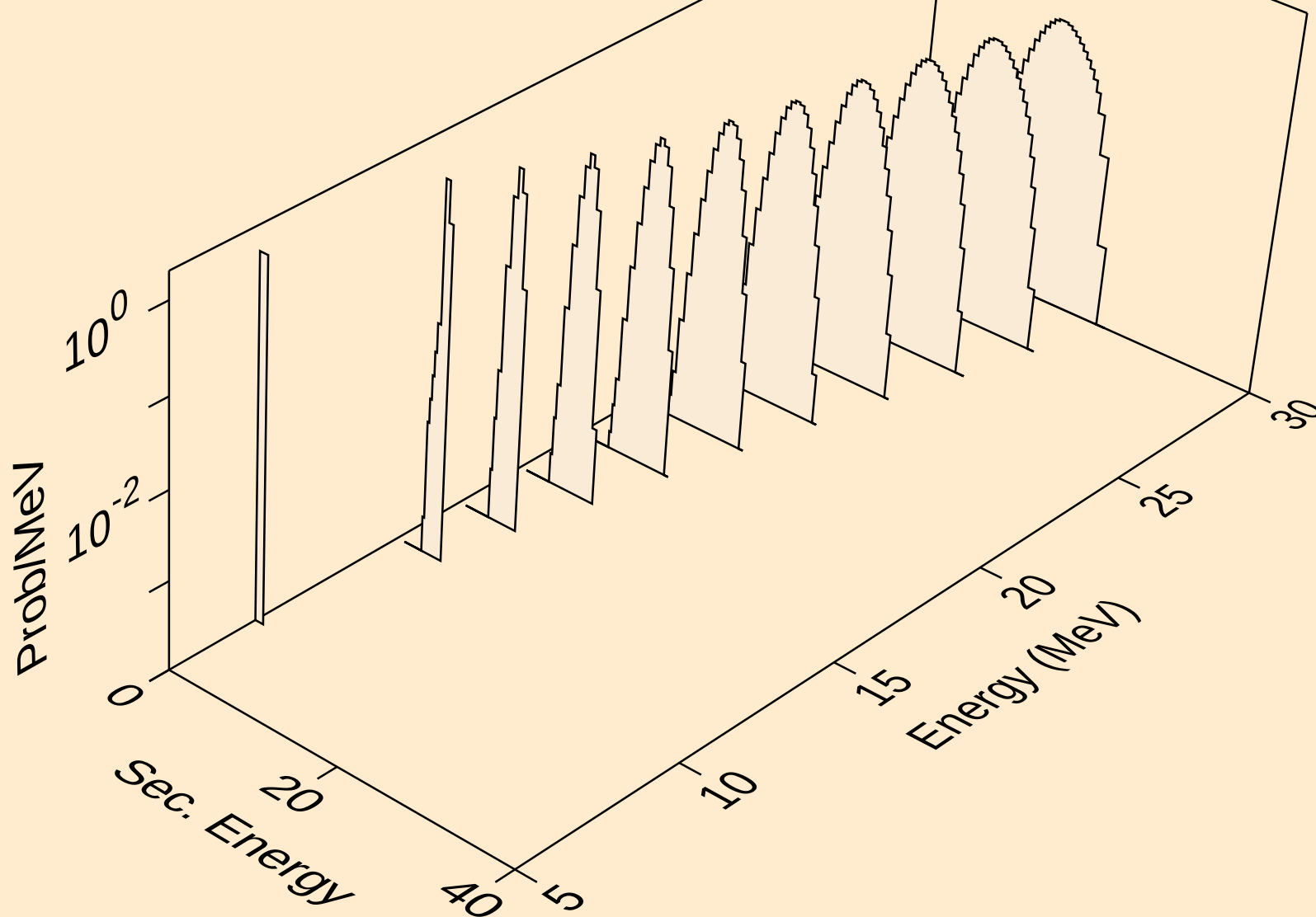
HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,n\*)p



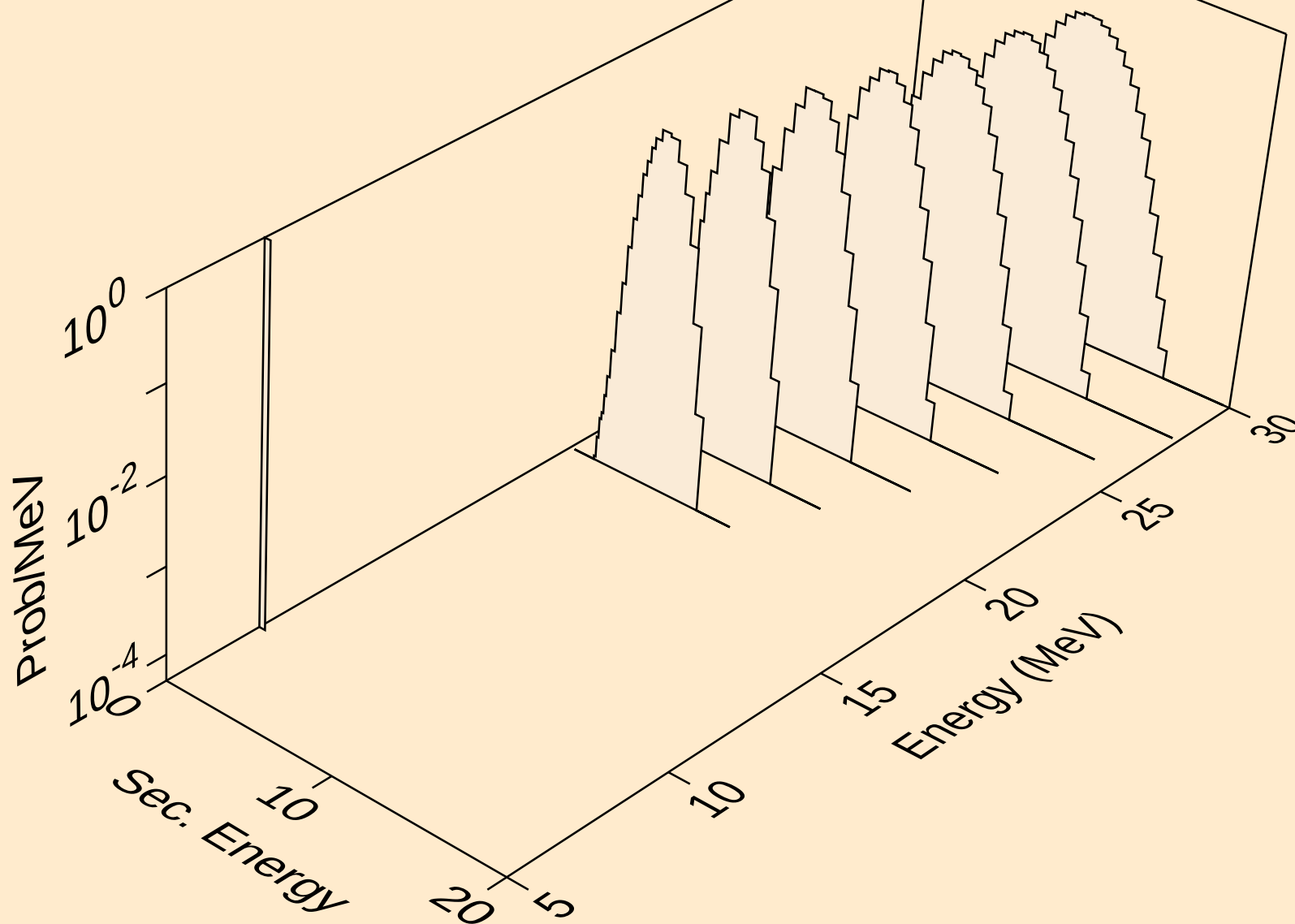
HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,2np)



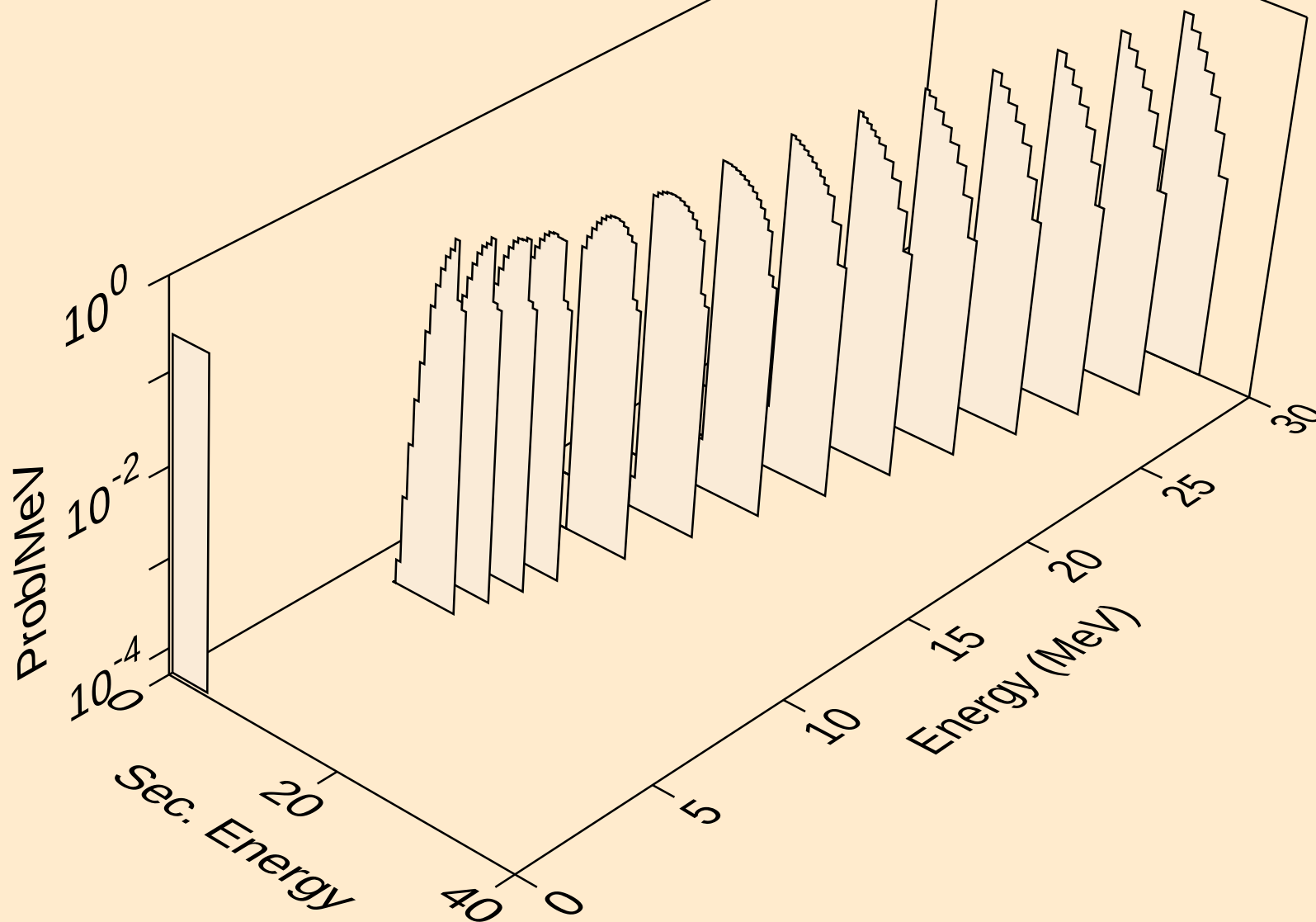
HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,3np)



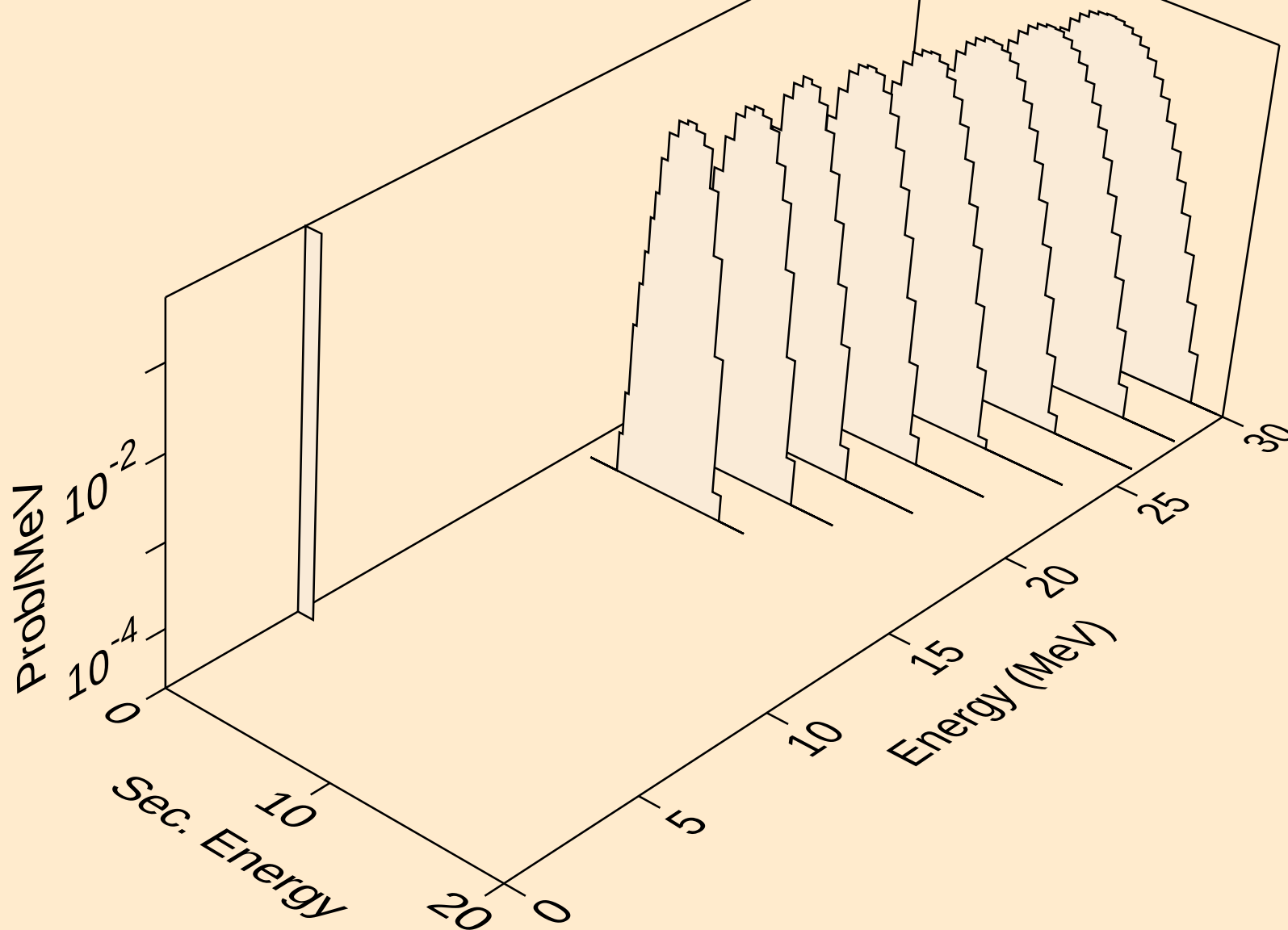
HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,n2p)



HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,p)

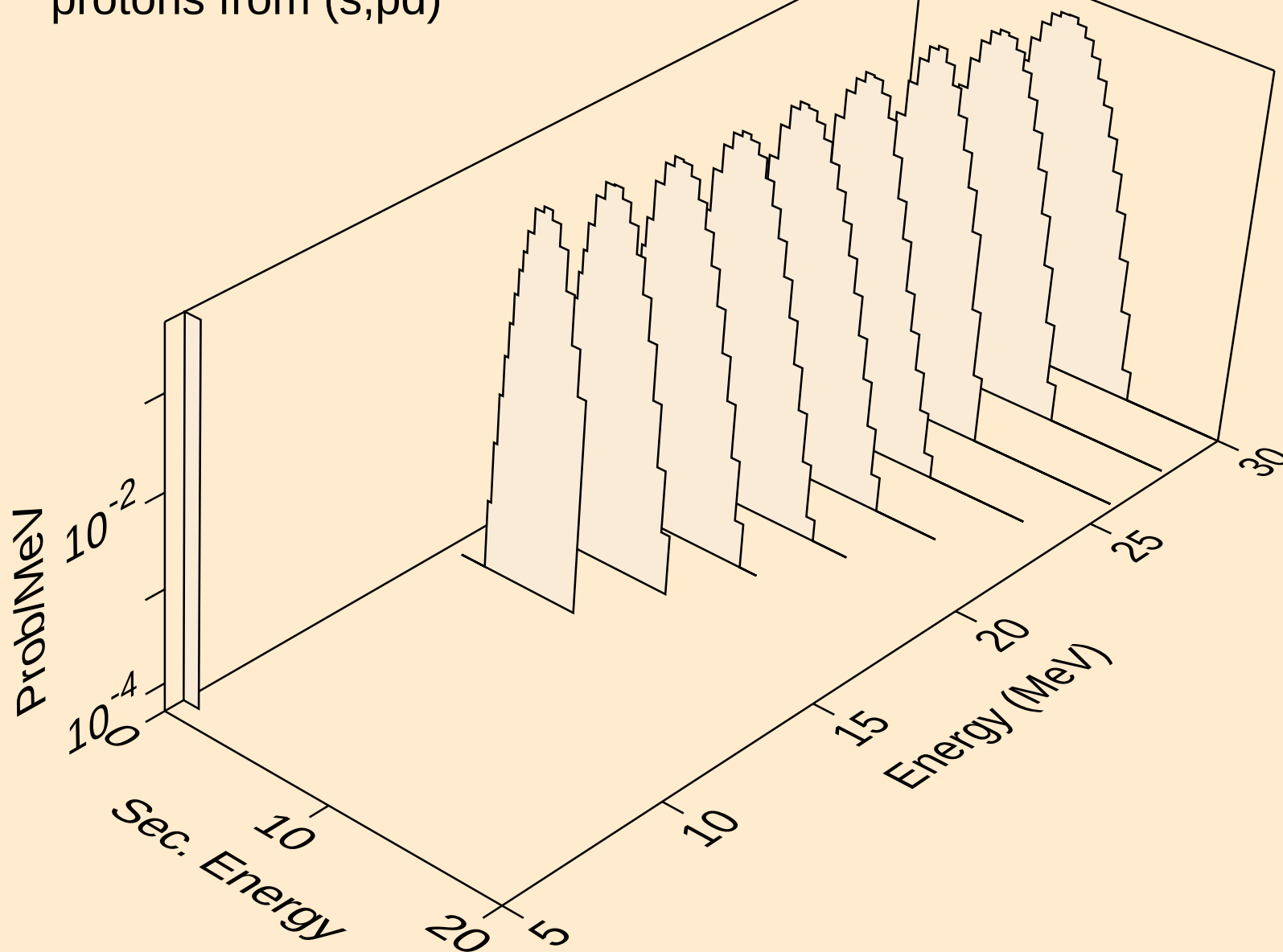


HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,2p)

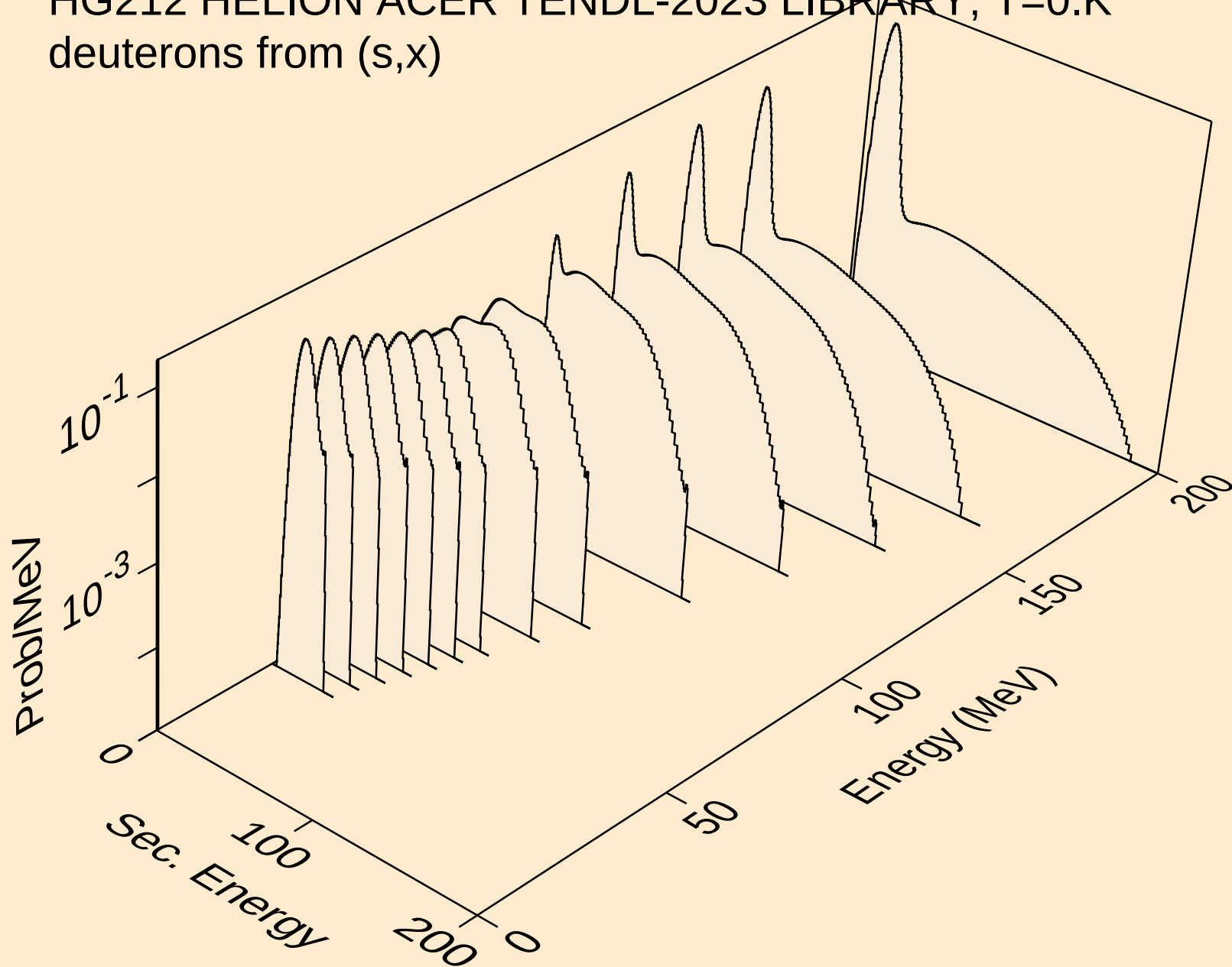




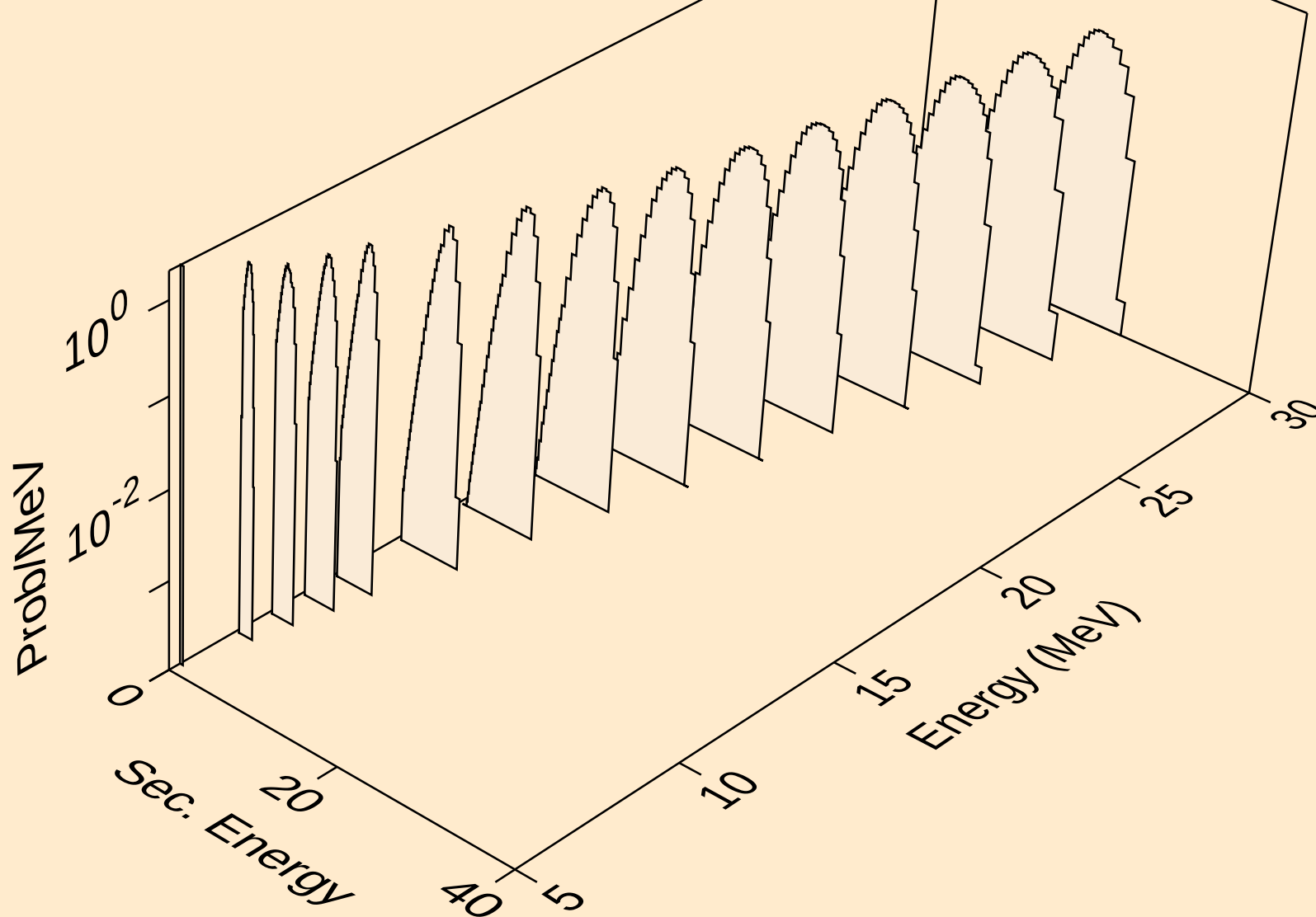
HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pd)



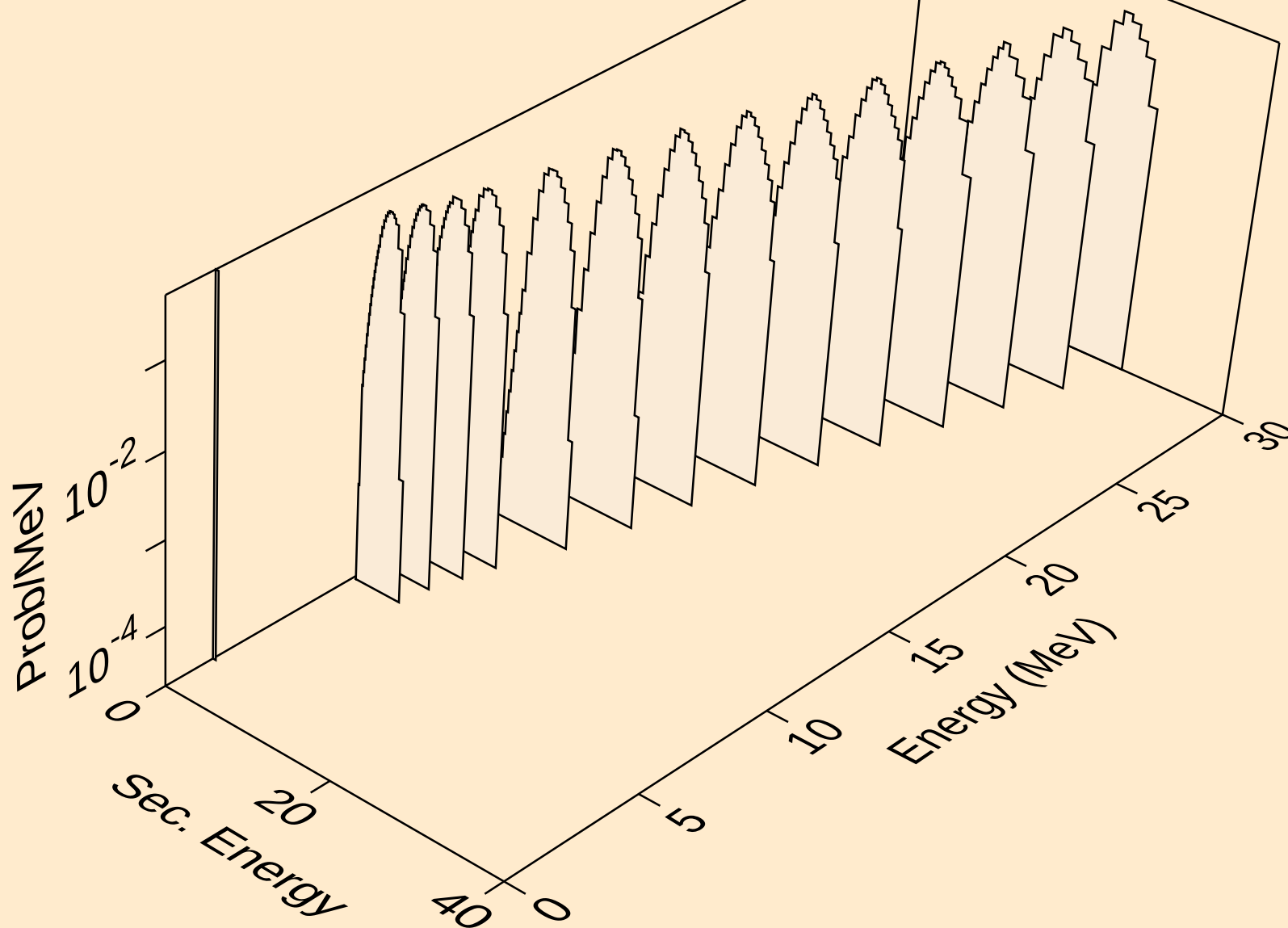
HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,x)



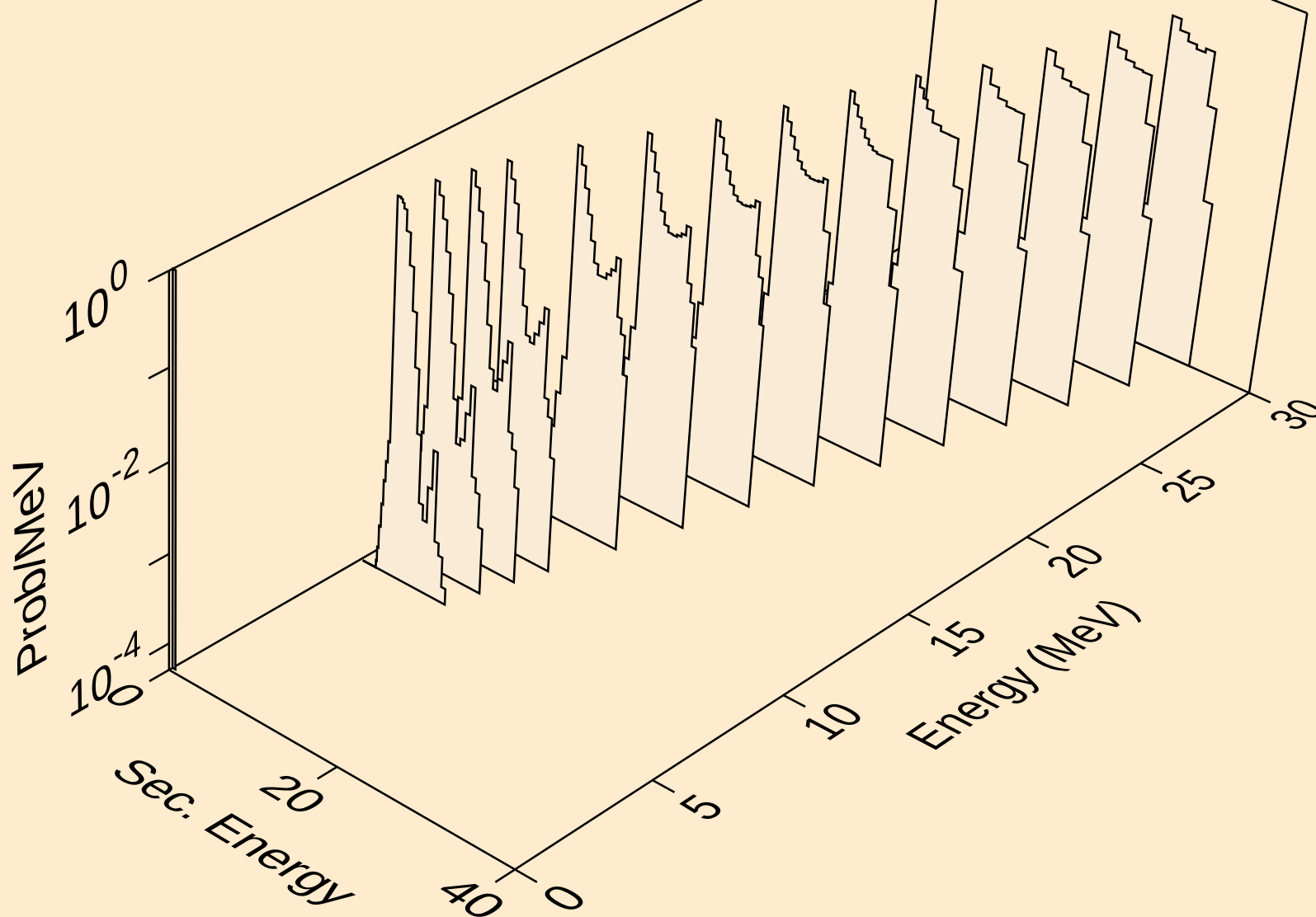
HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,2nd)



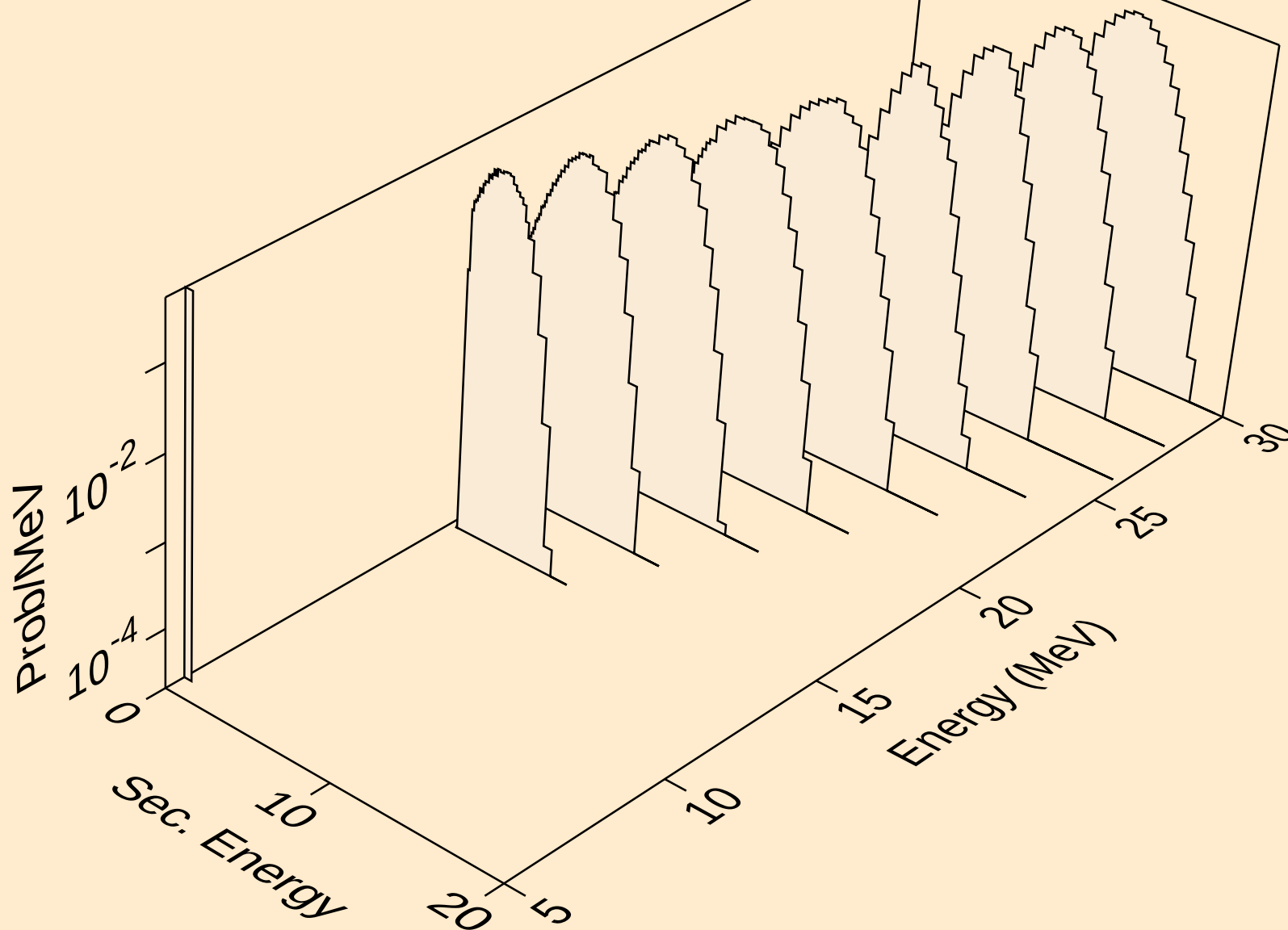
HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,n\*)d



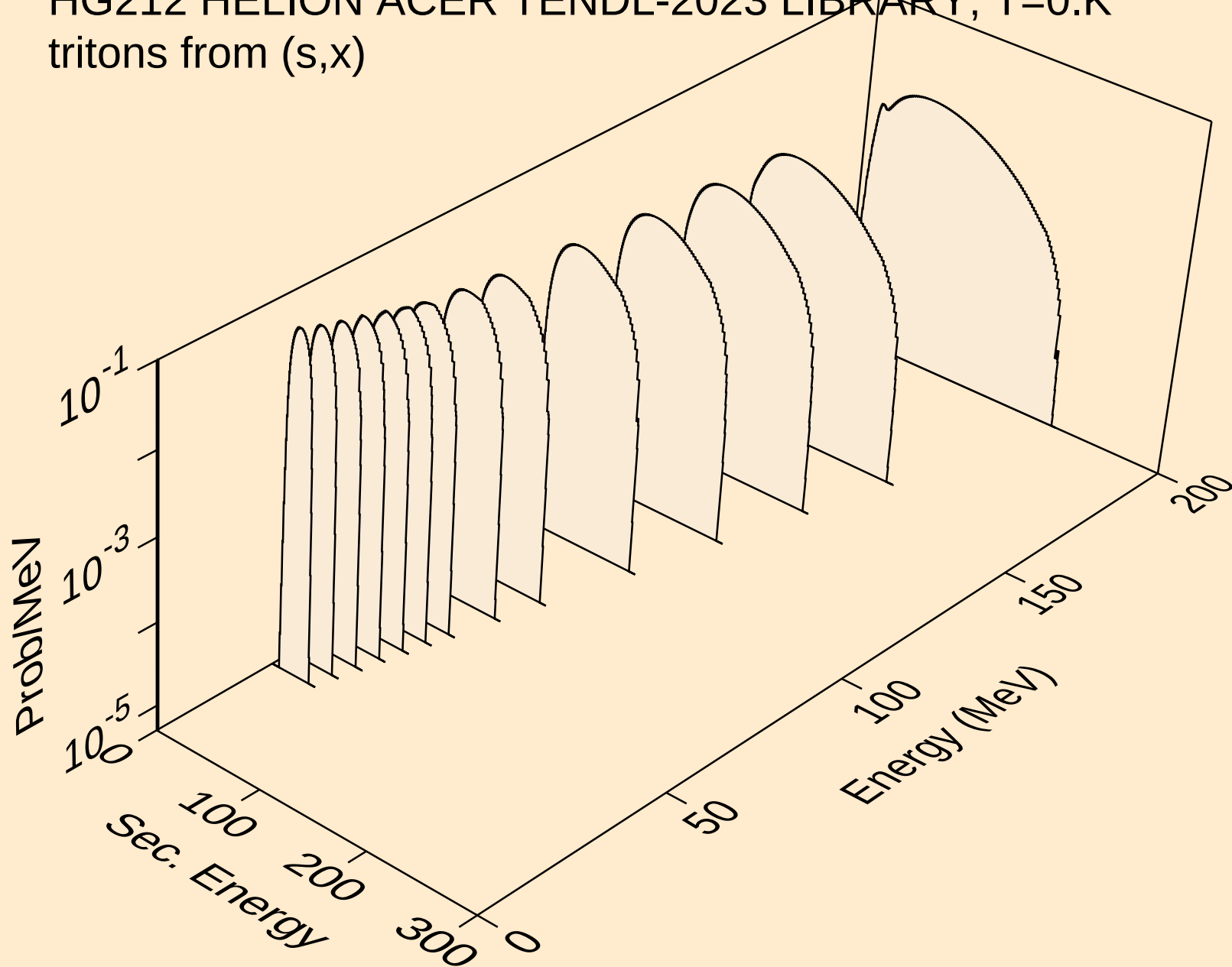
HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,d)



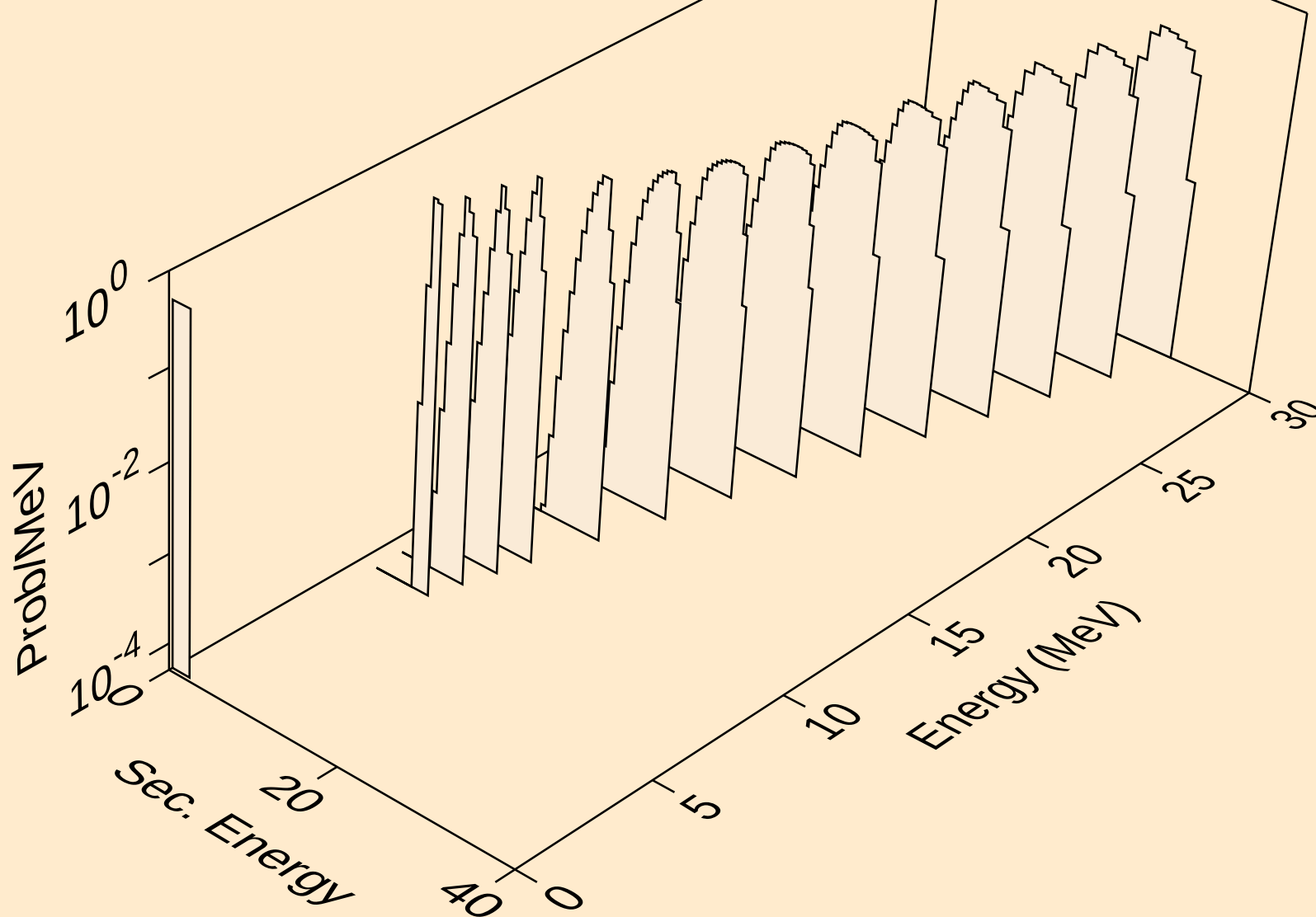
HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,pd)



HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,x)

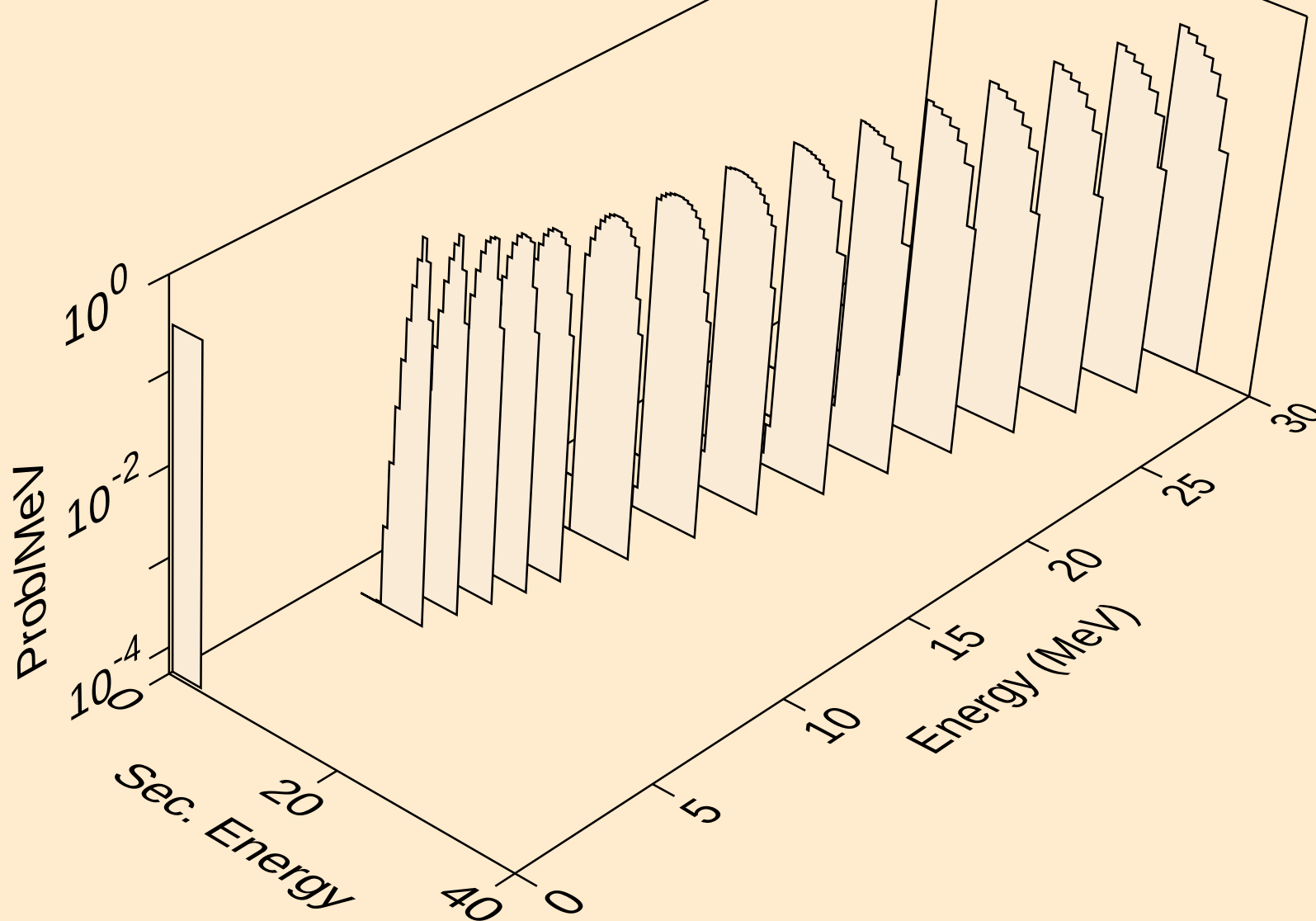


HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,n\*)t

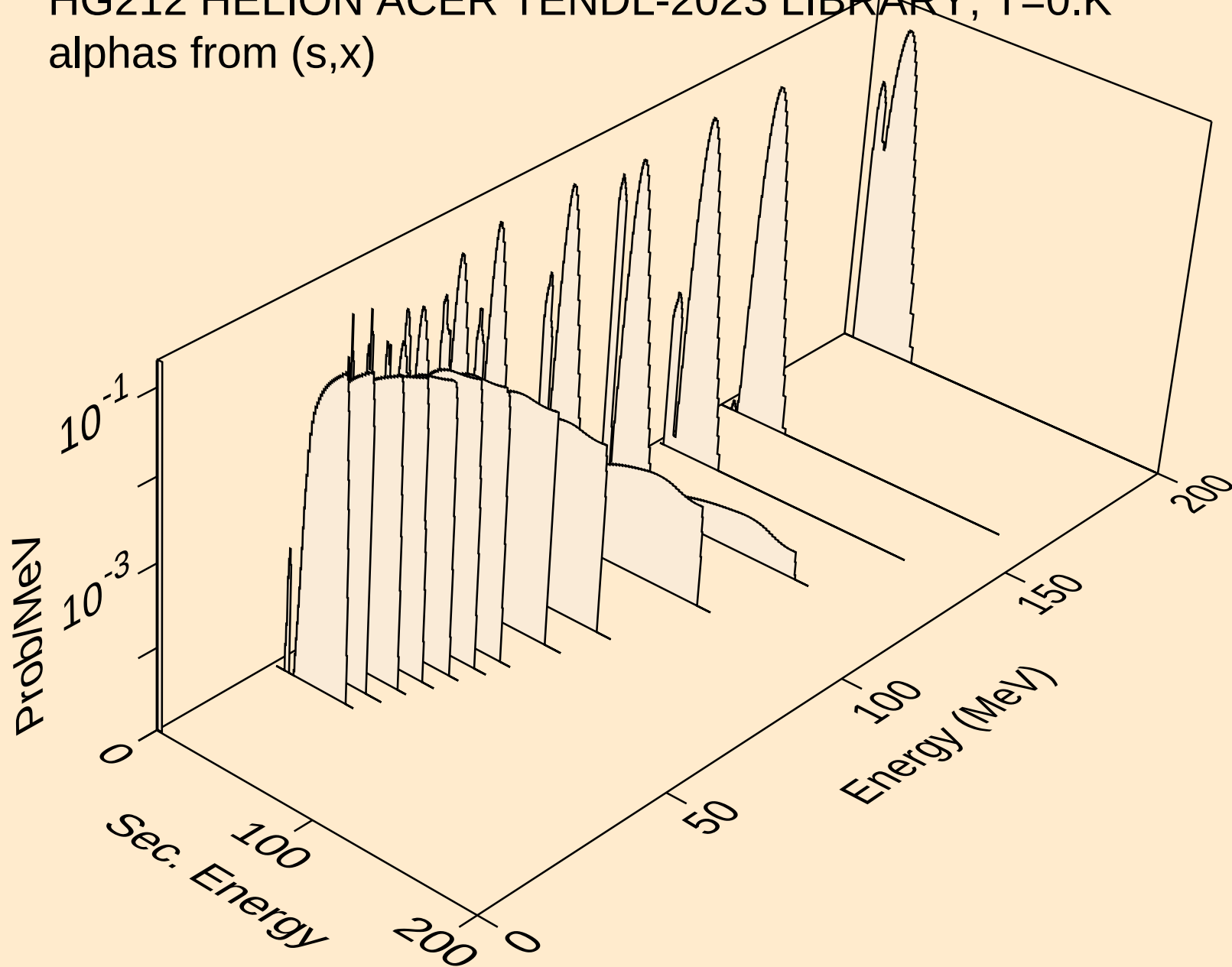




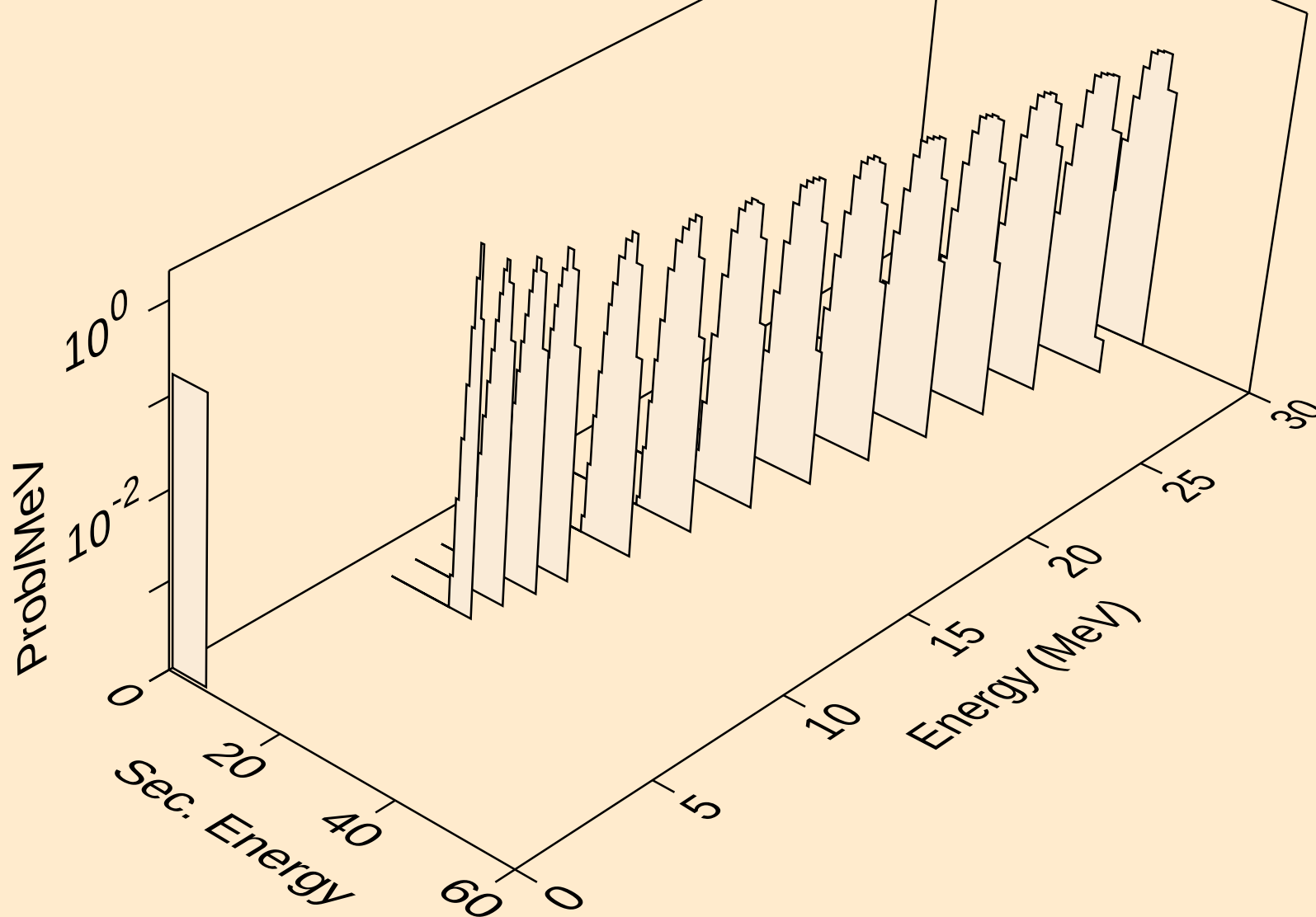
HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,t)



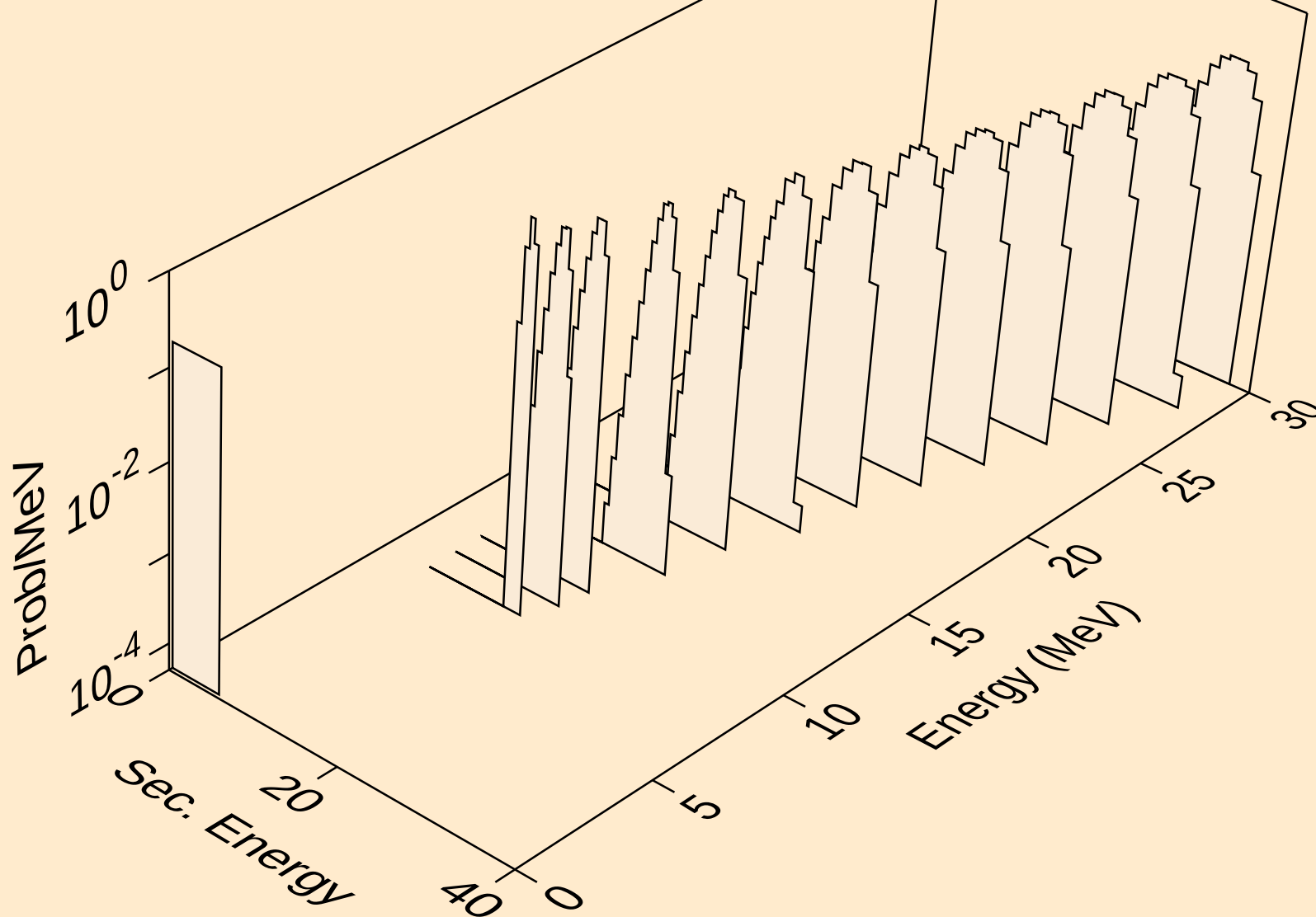
HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,x)



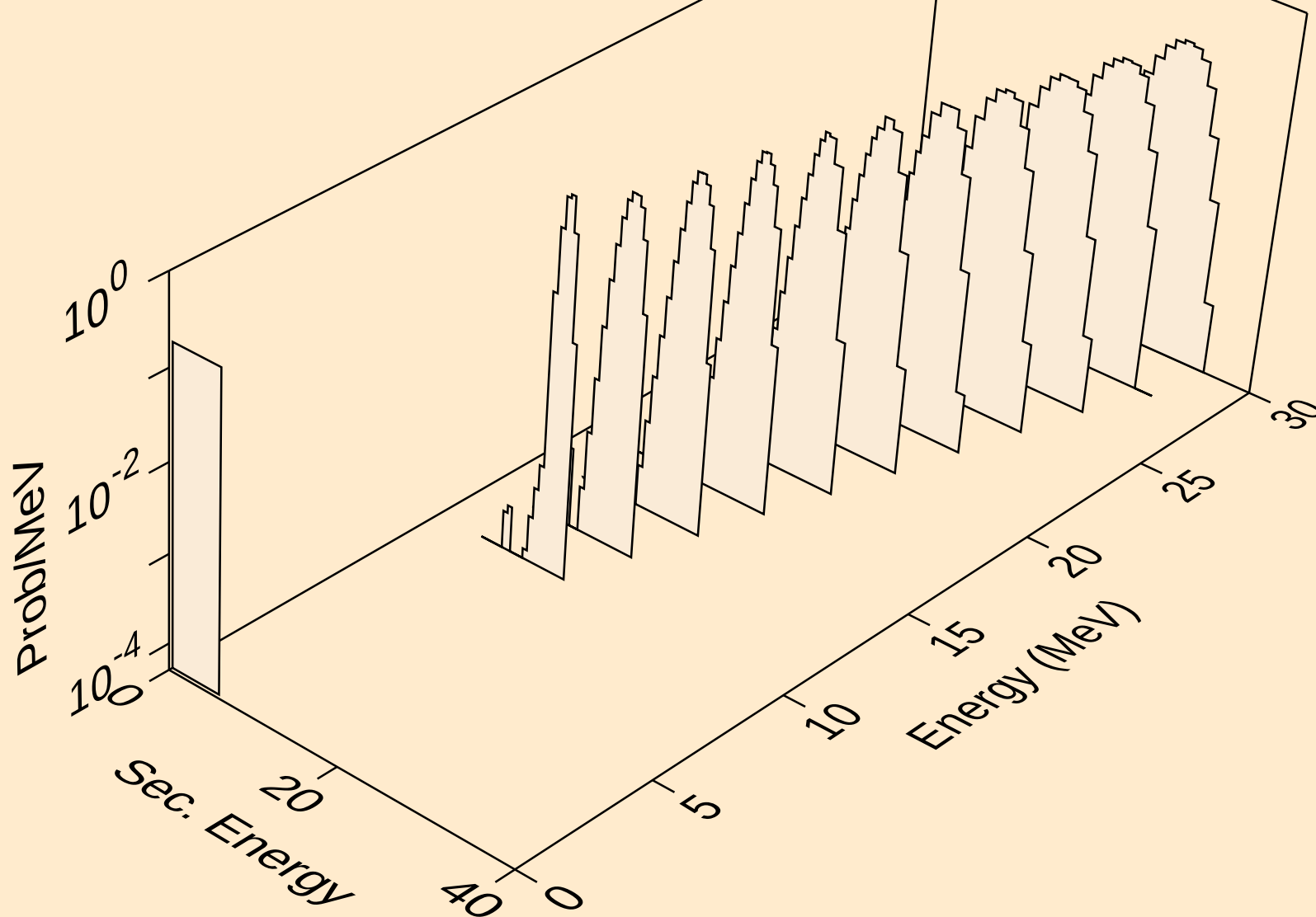
HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)a



HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2n)a



HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,3n)a



HG212 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,a)

