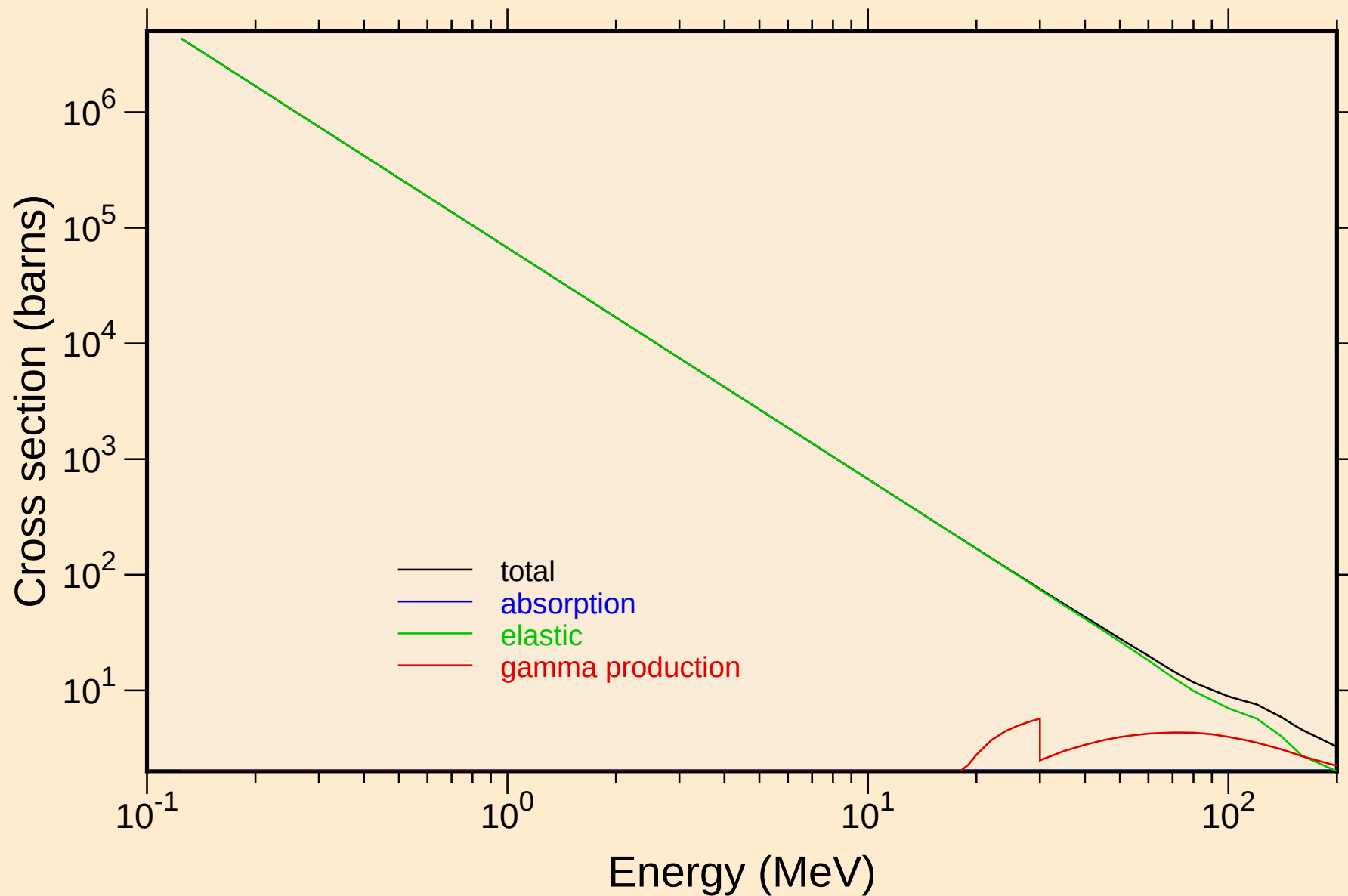


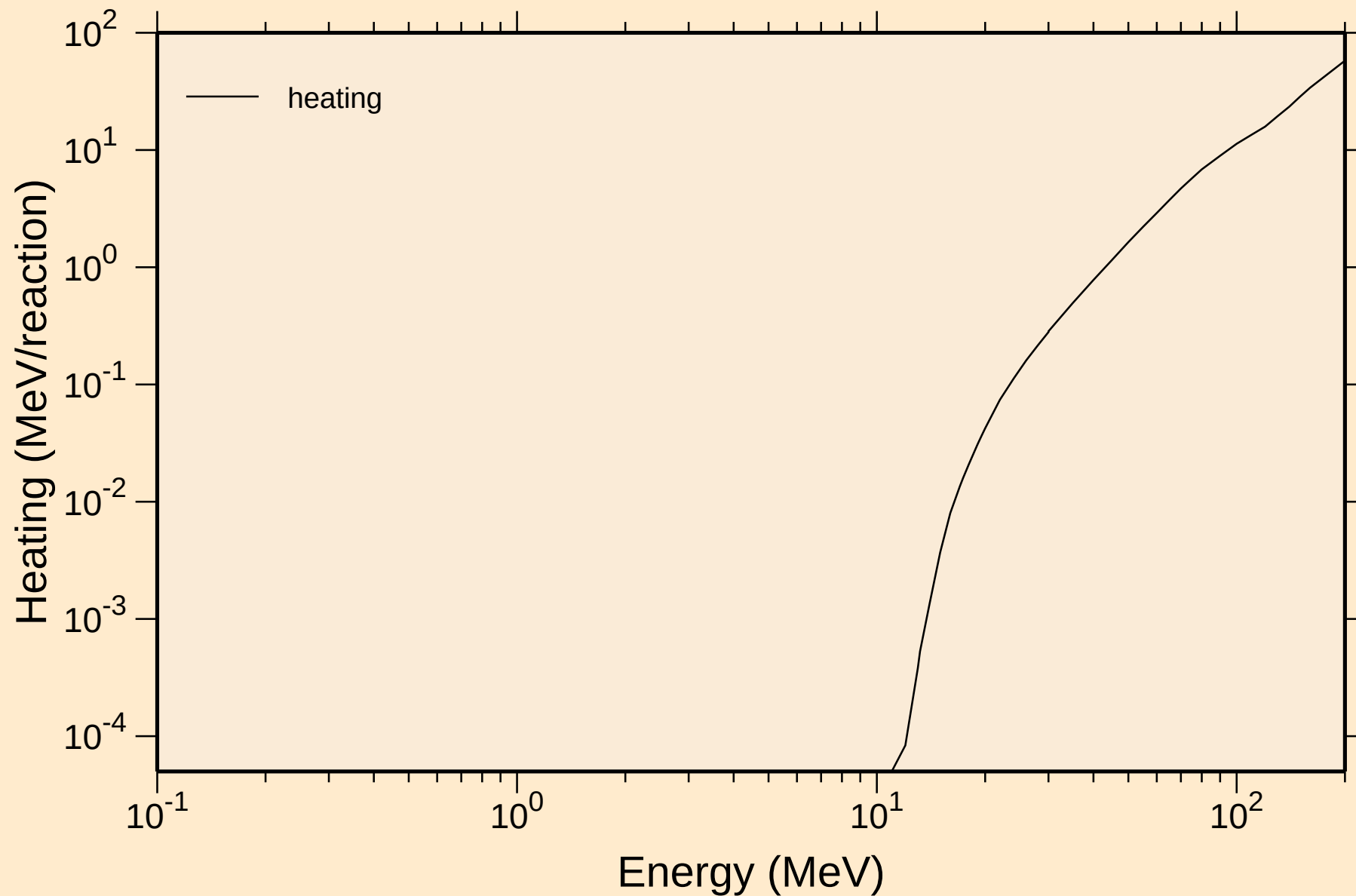
# SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



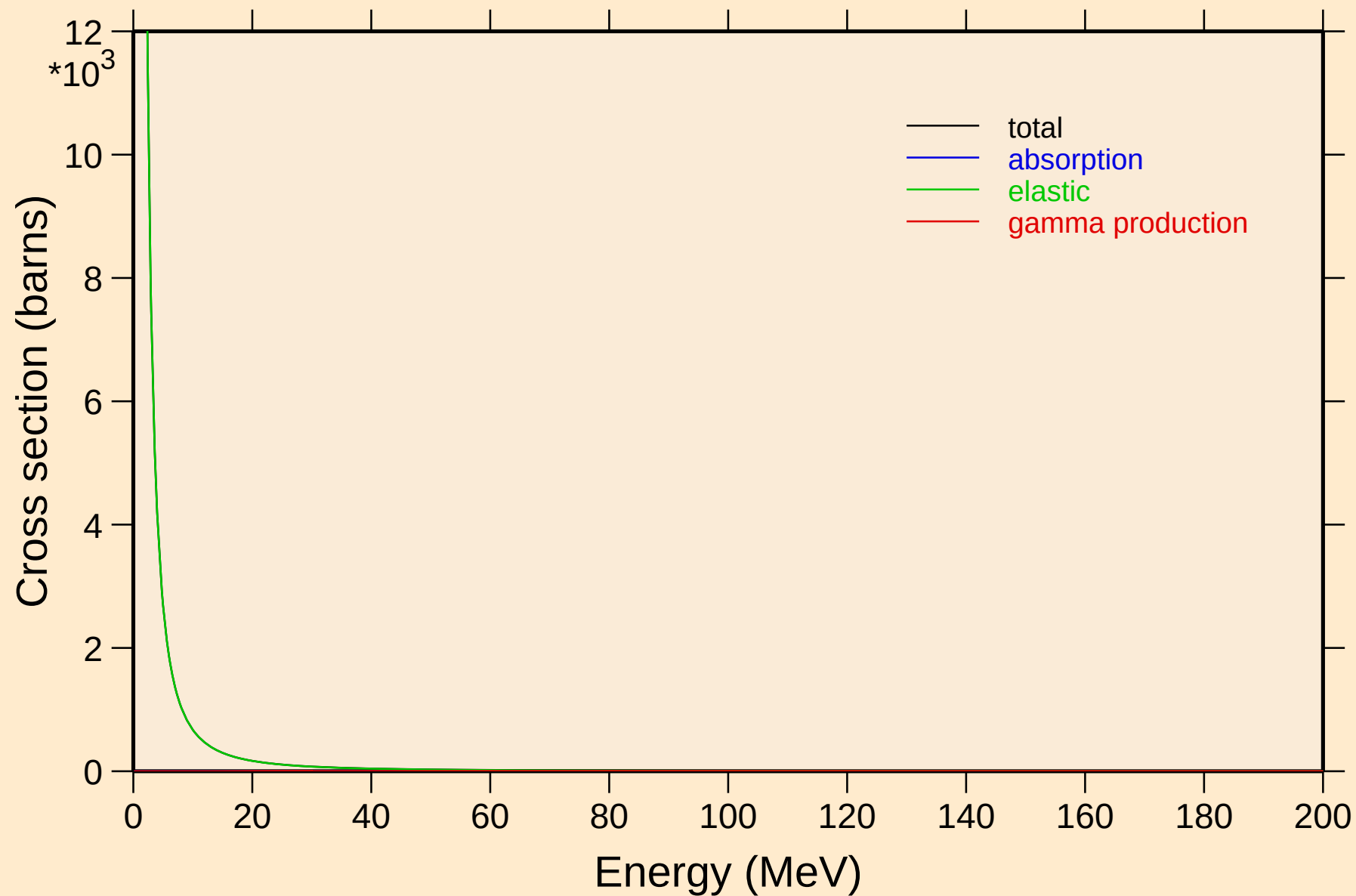
SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K

Heating



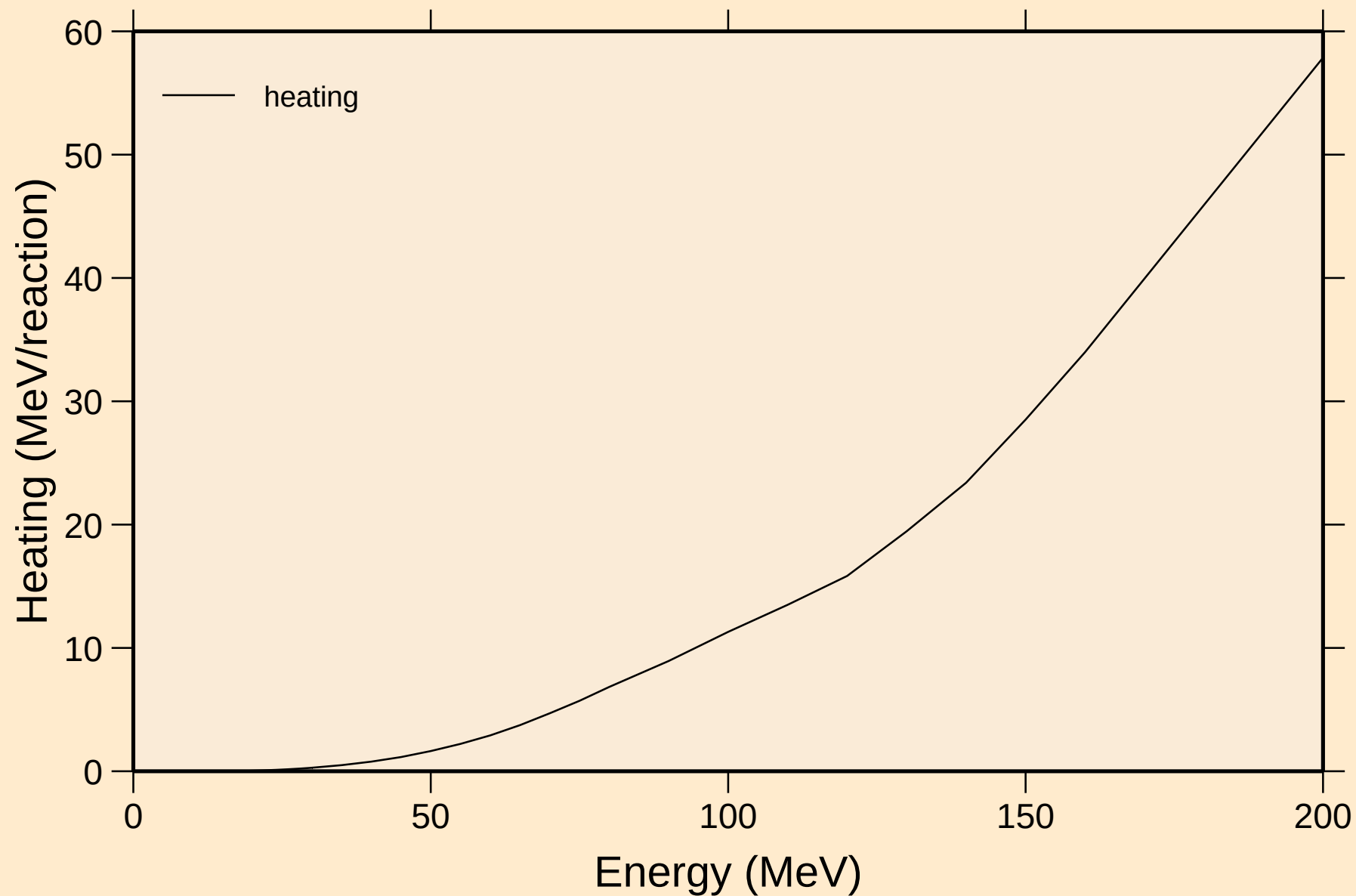
# SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



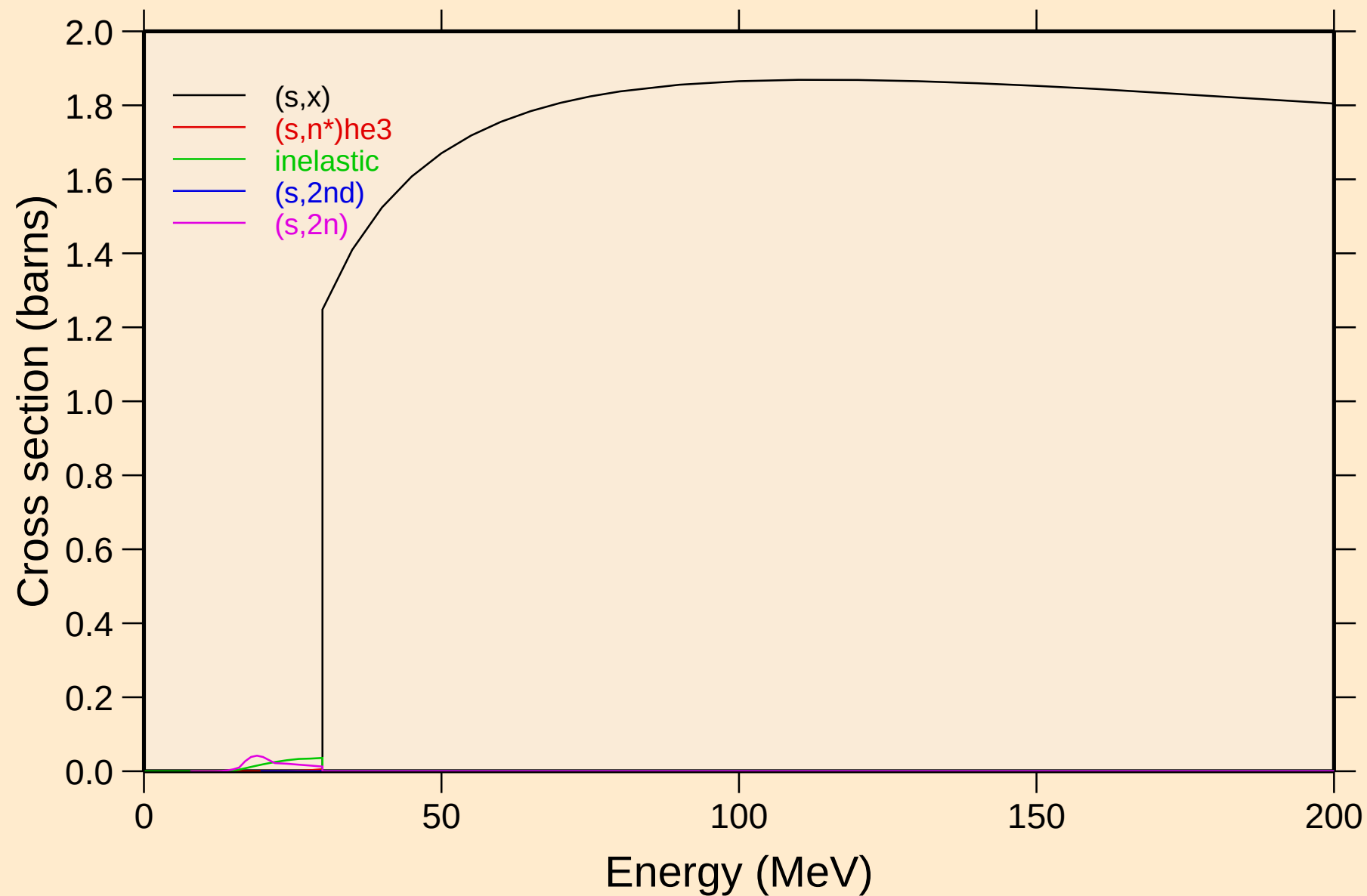
SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K

Heating



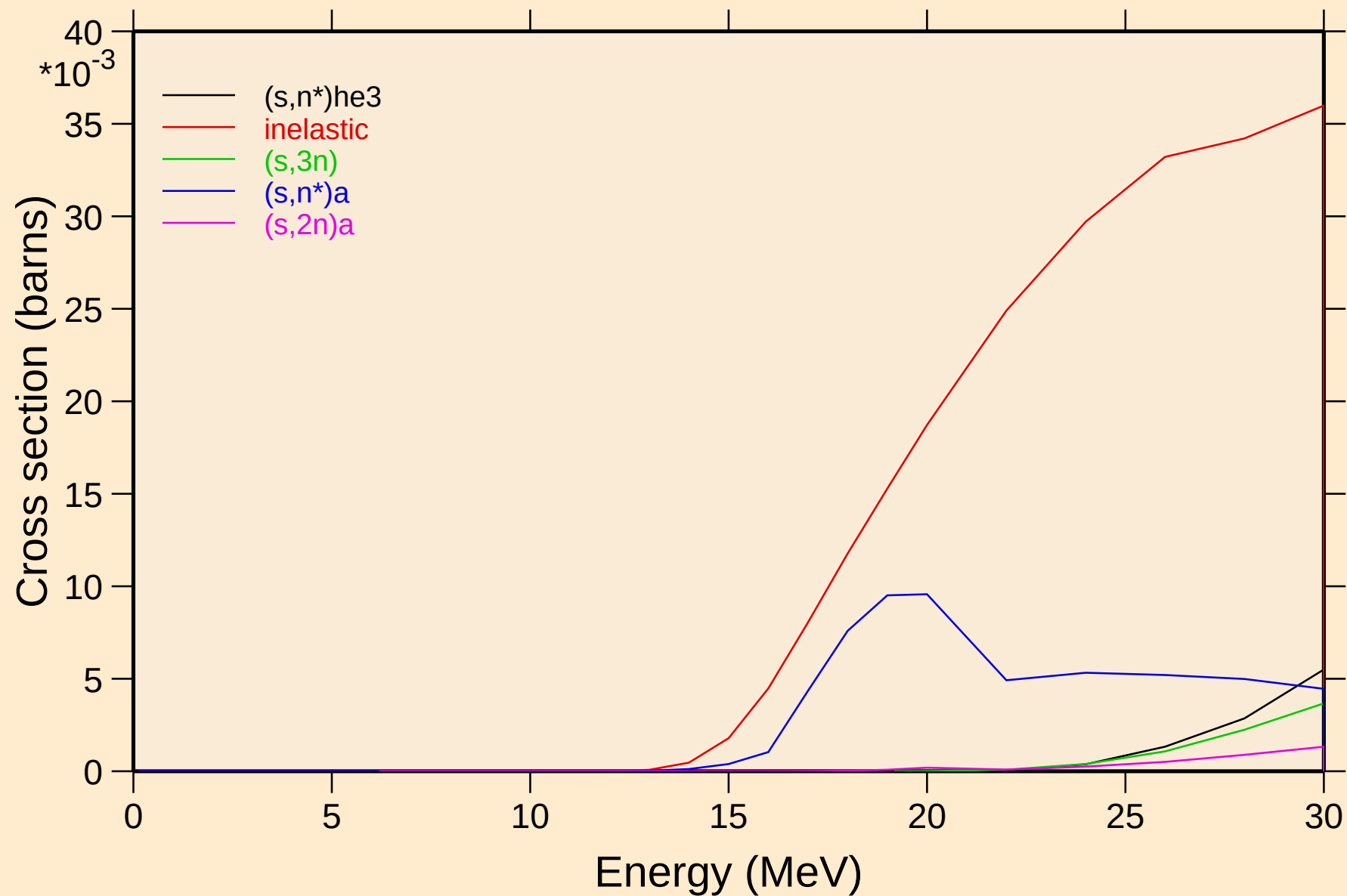
# SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

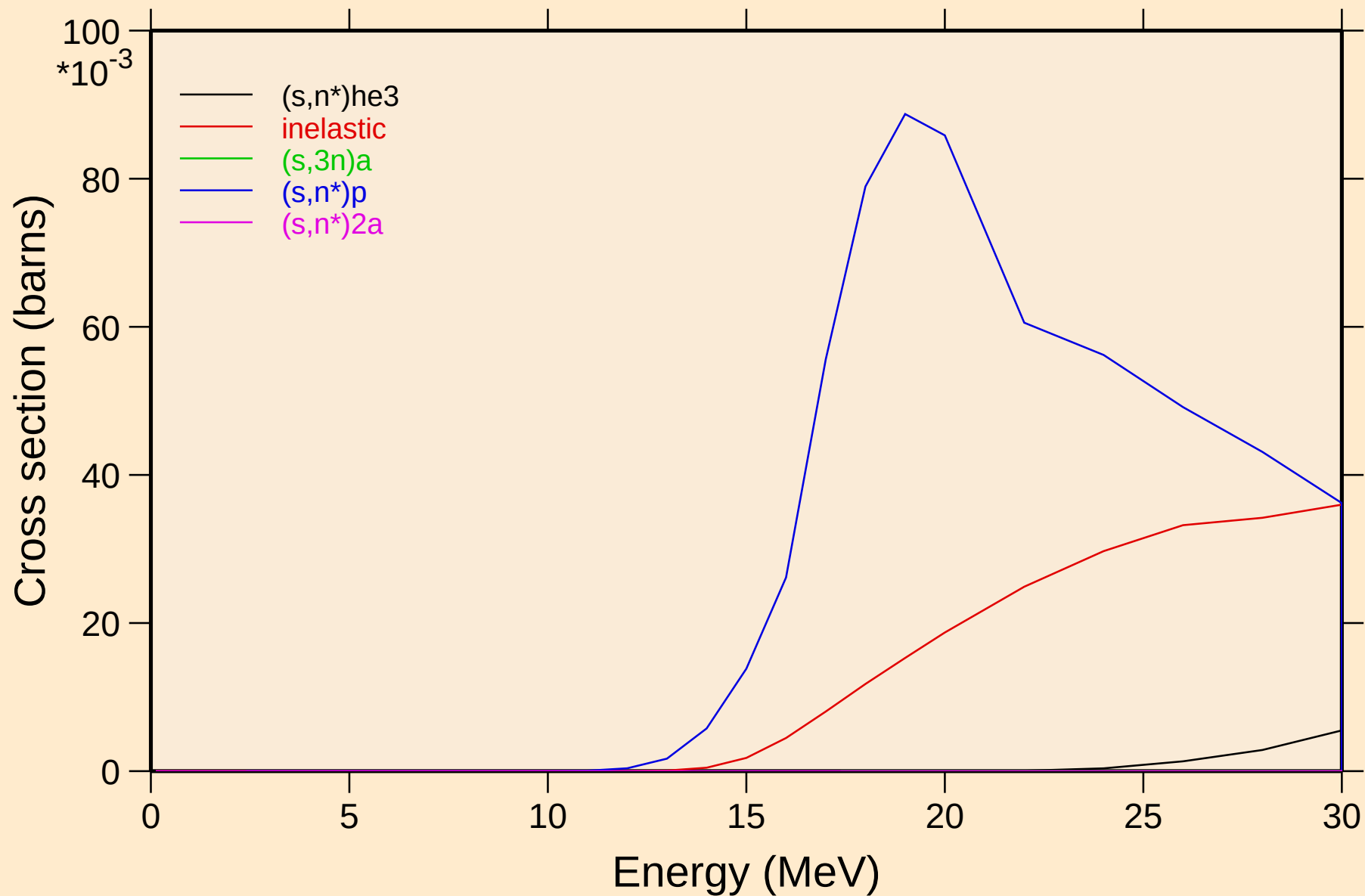


# SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K

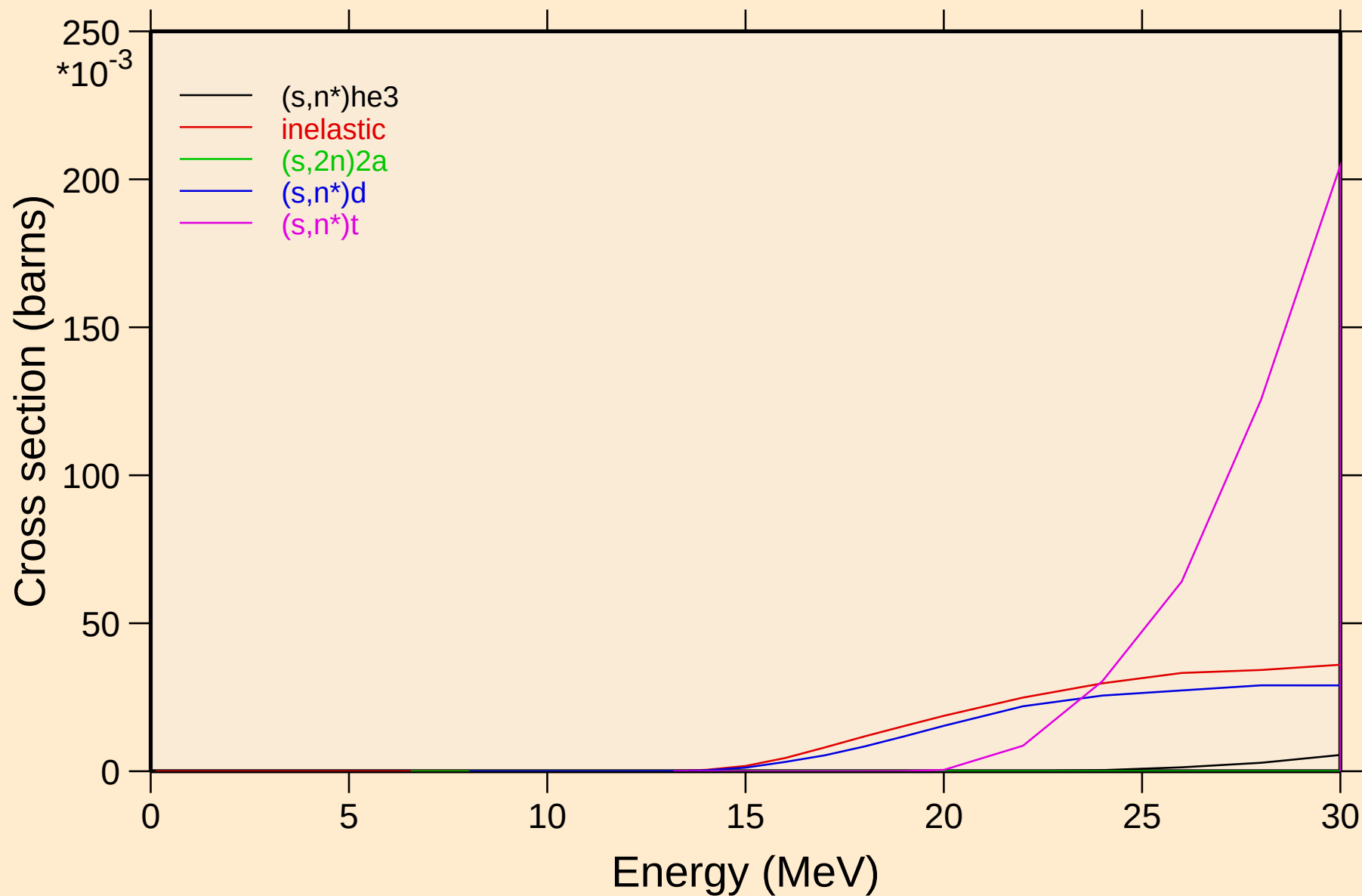
## Threshold reactions



SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



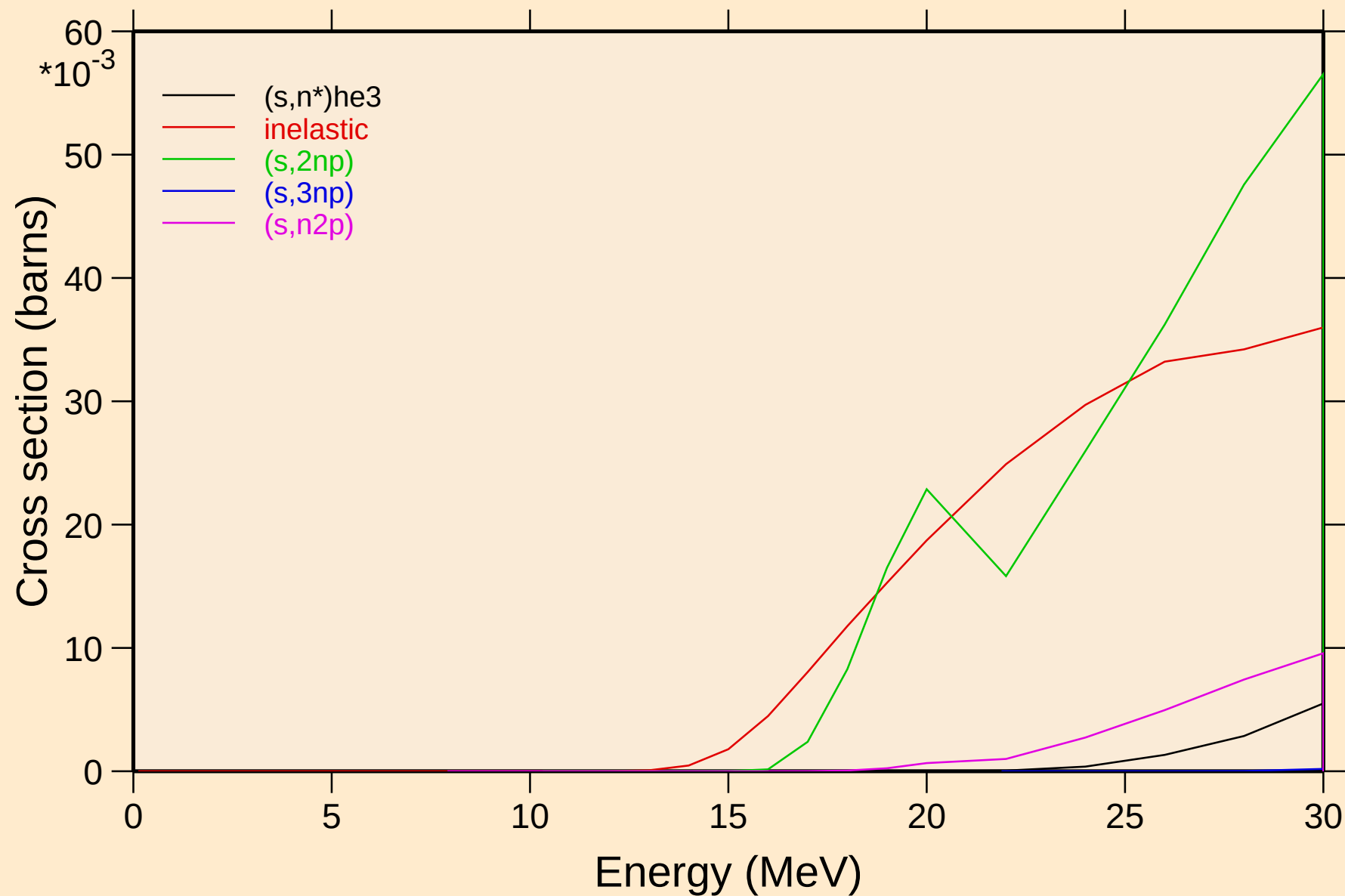
SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



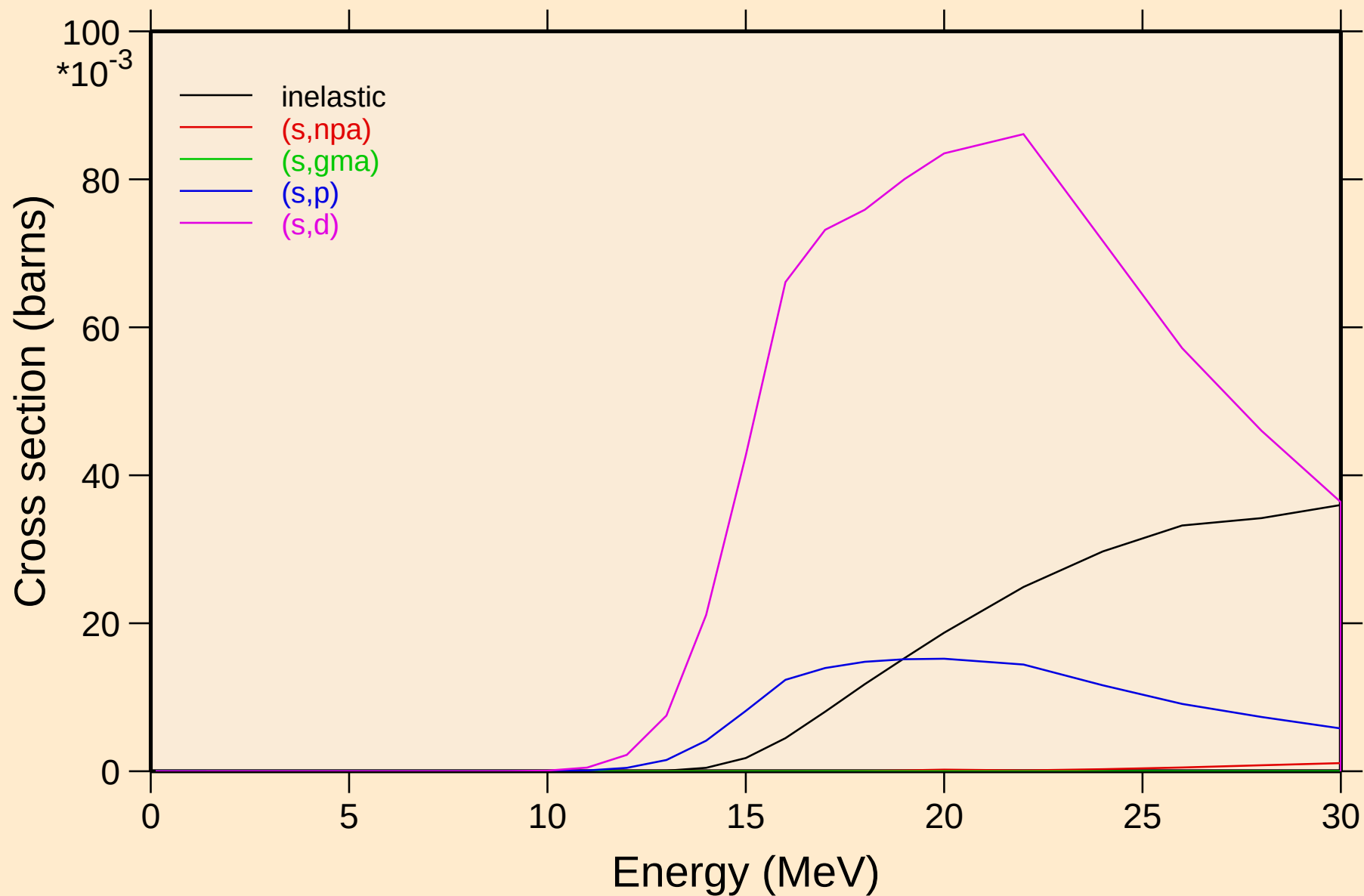


# SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

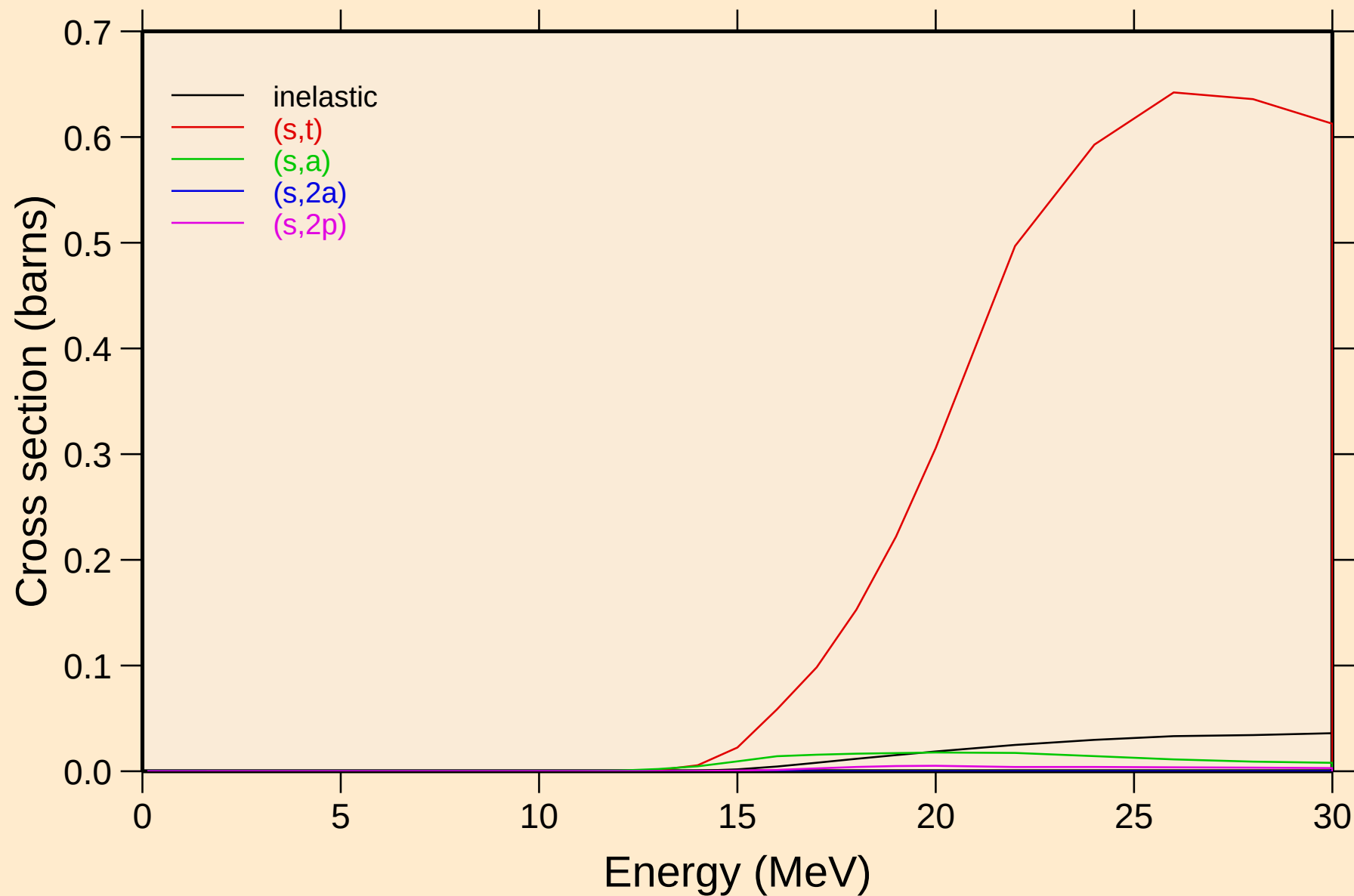


SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



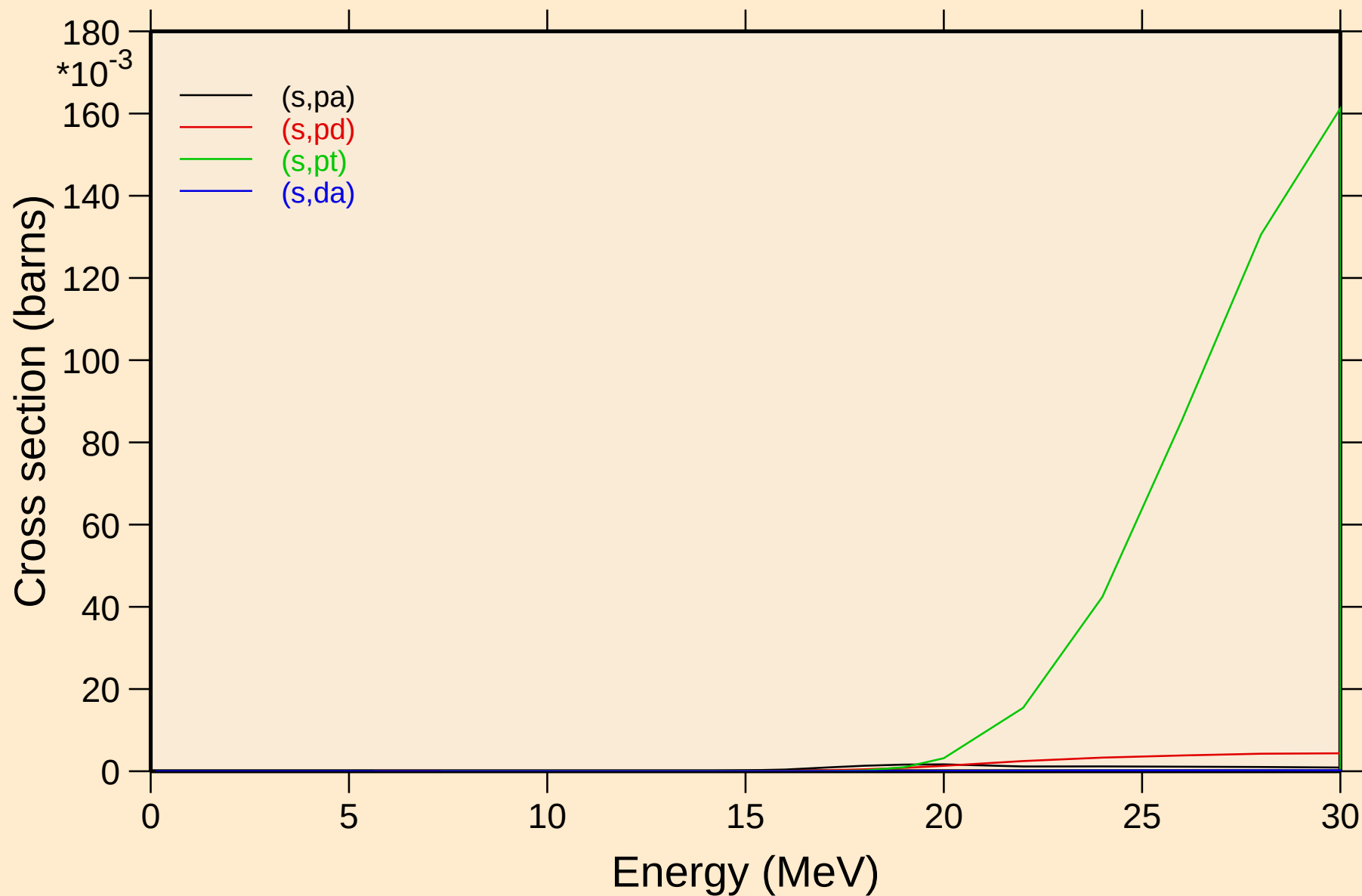
# SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

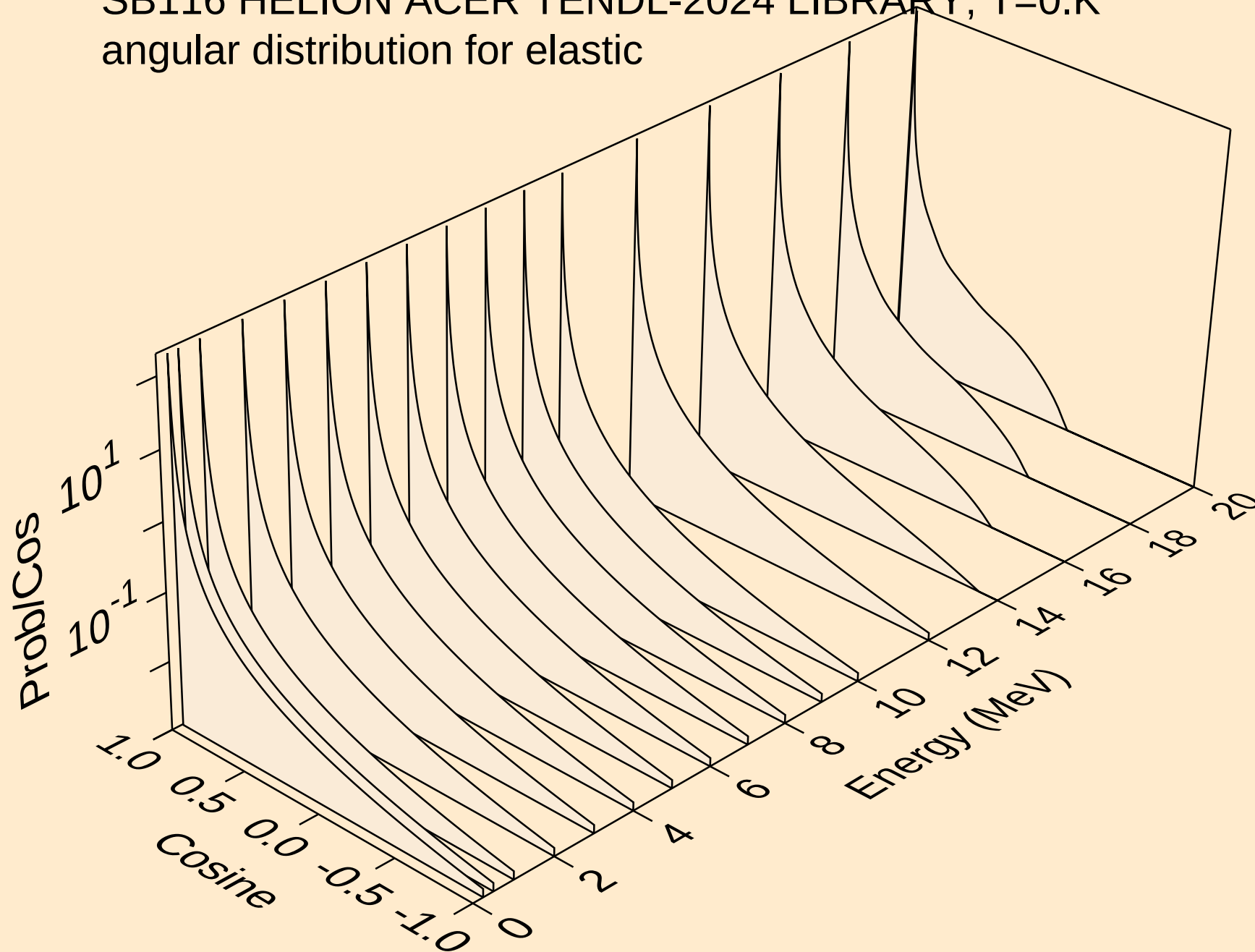


# SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K

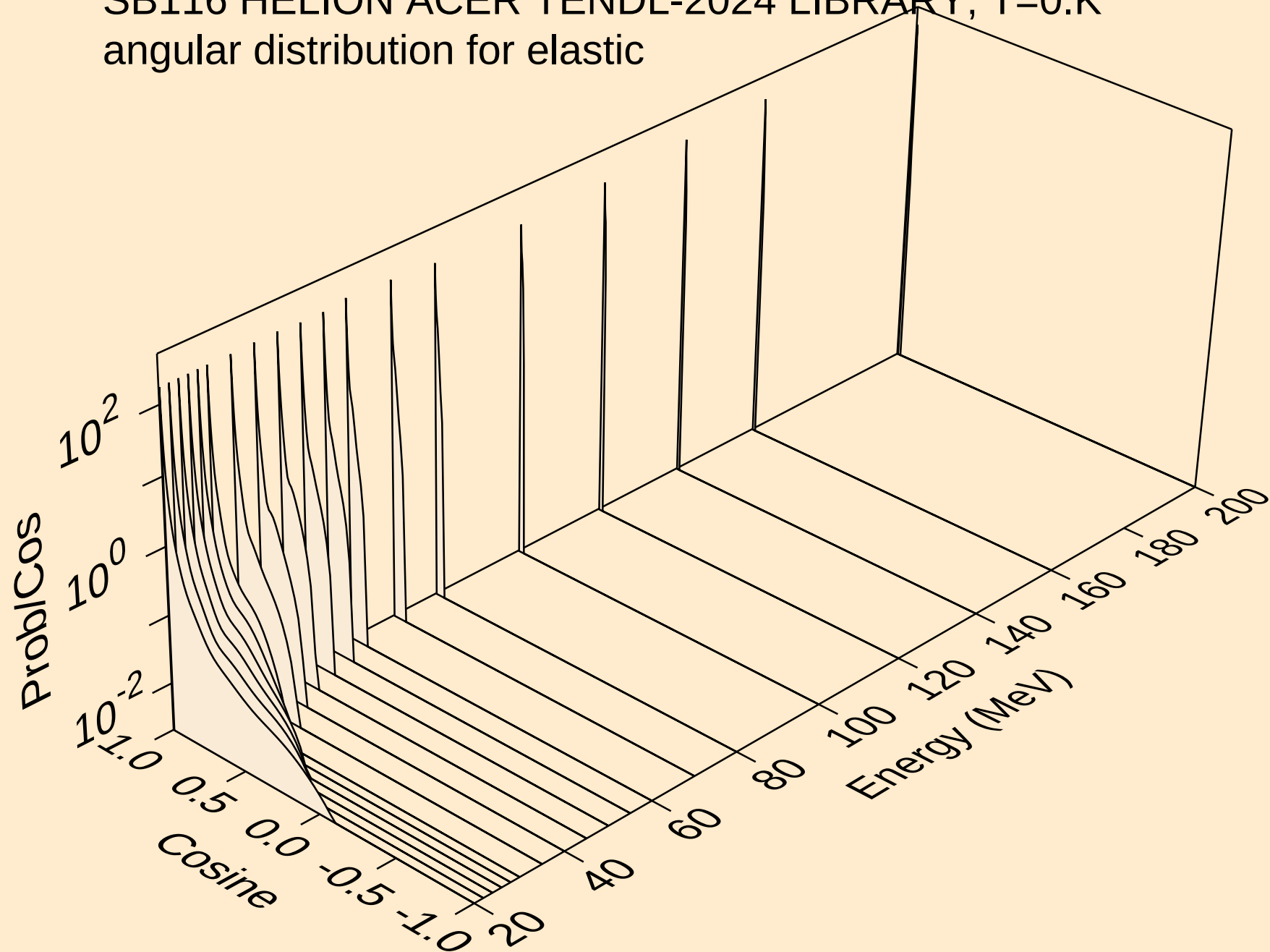
## Threshold reactions



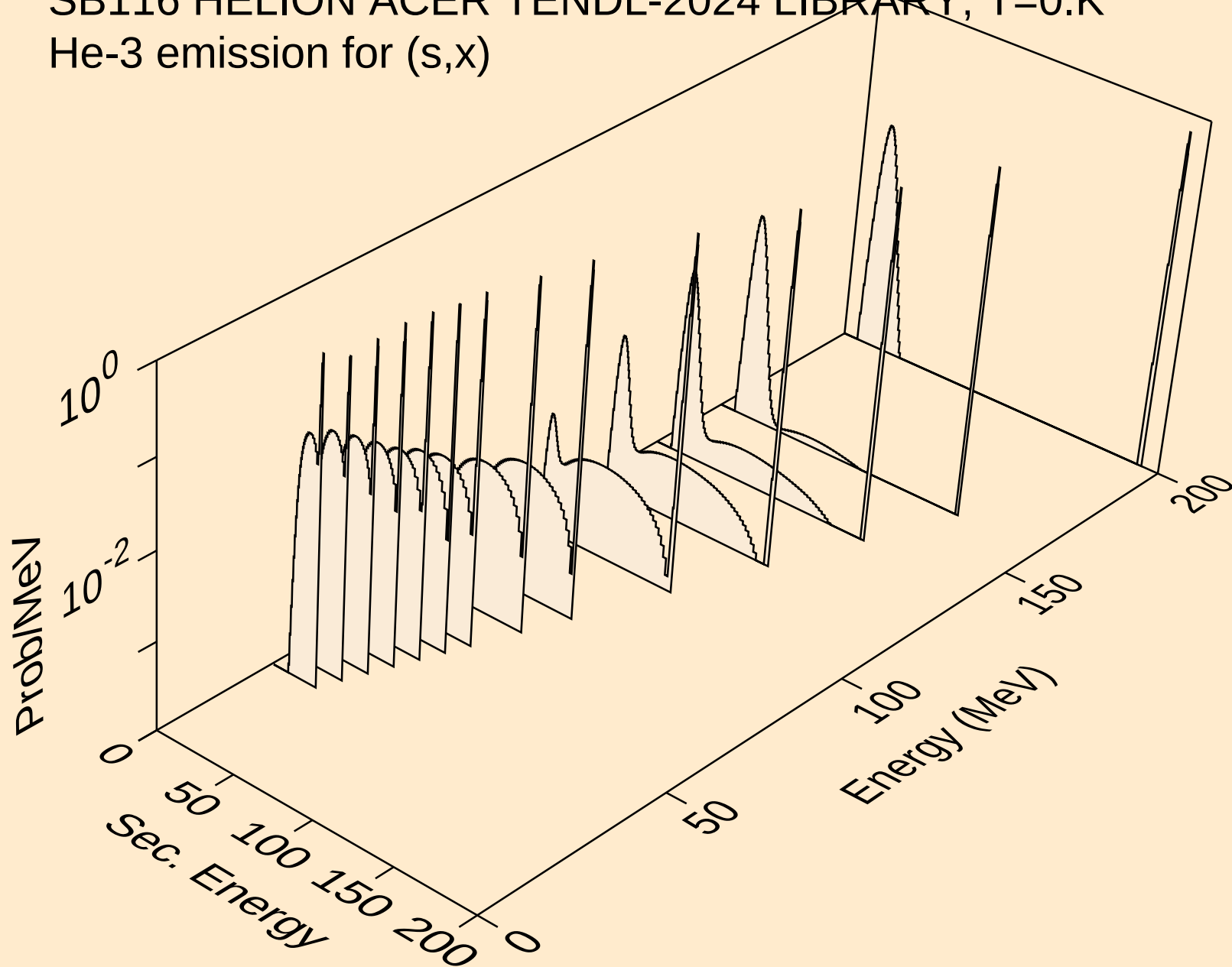
SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



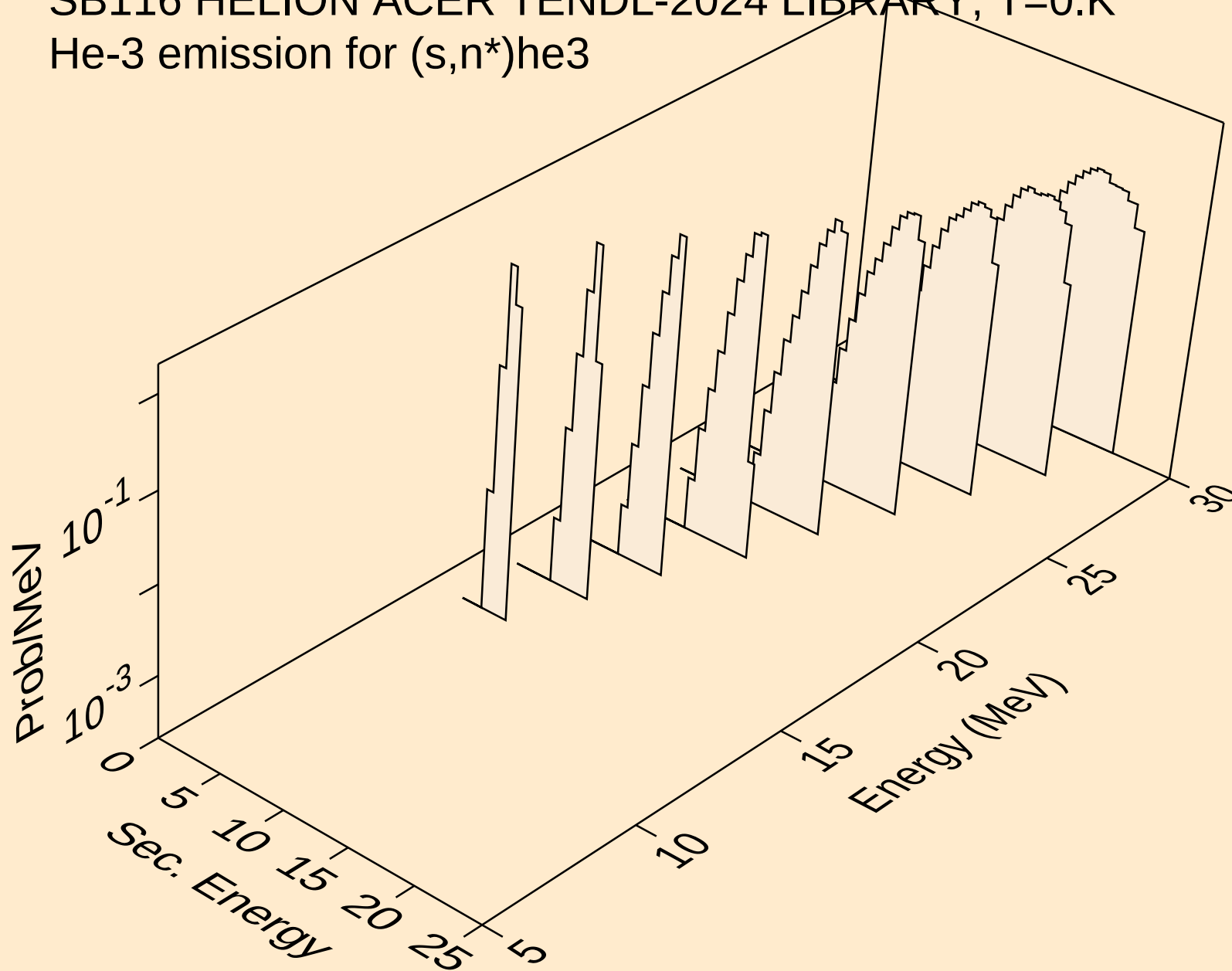
SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for (s,x)

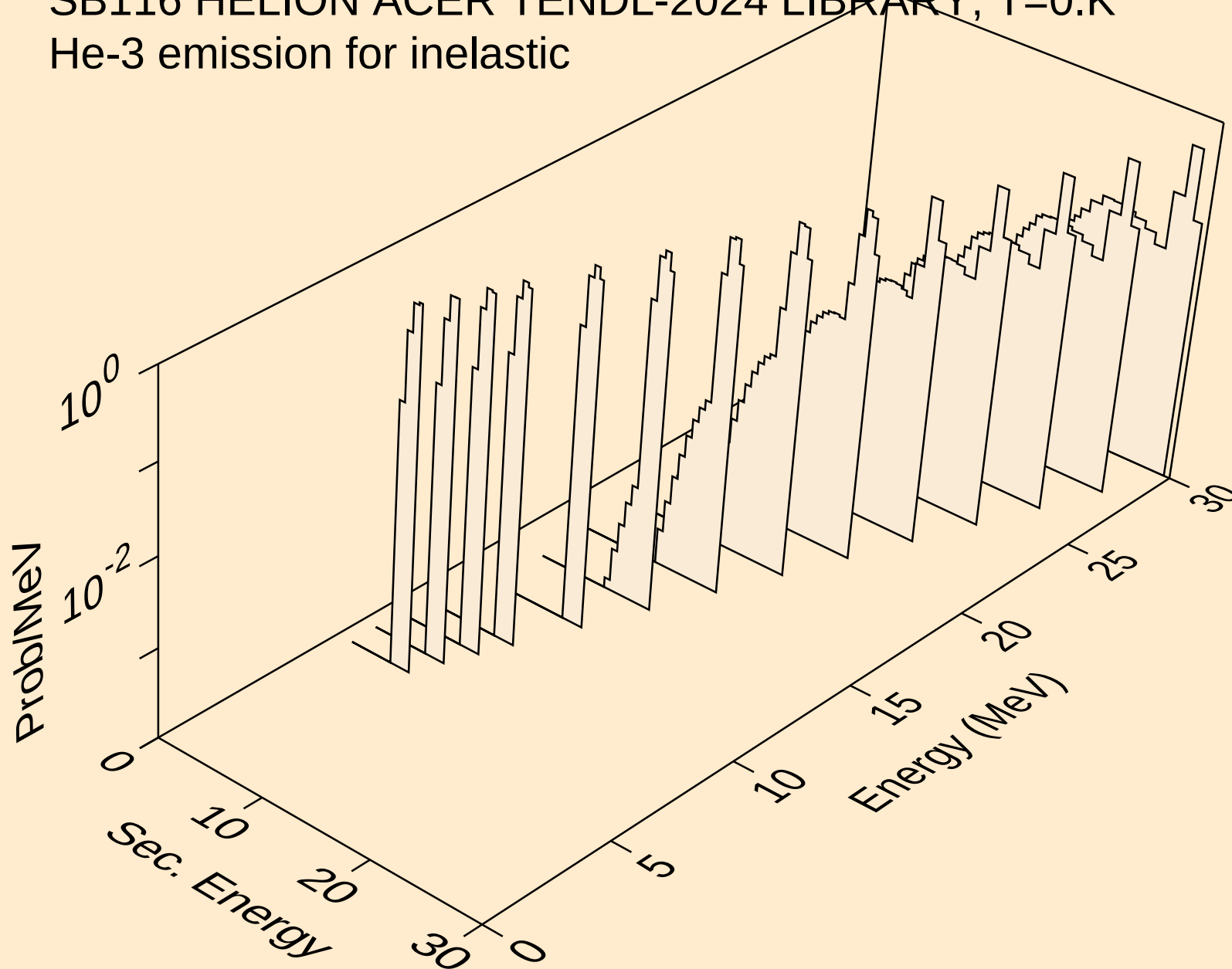


SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

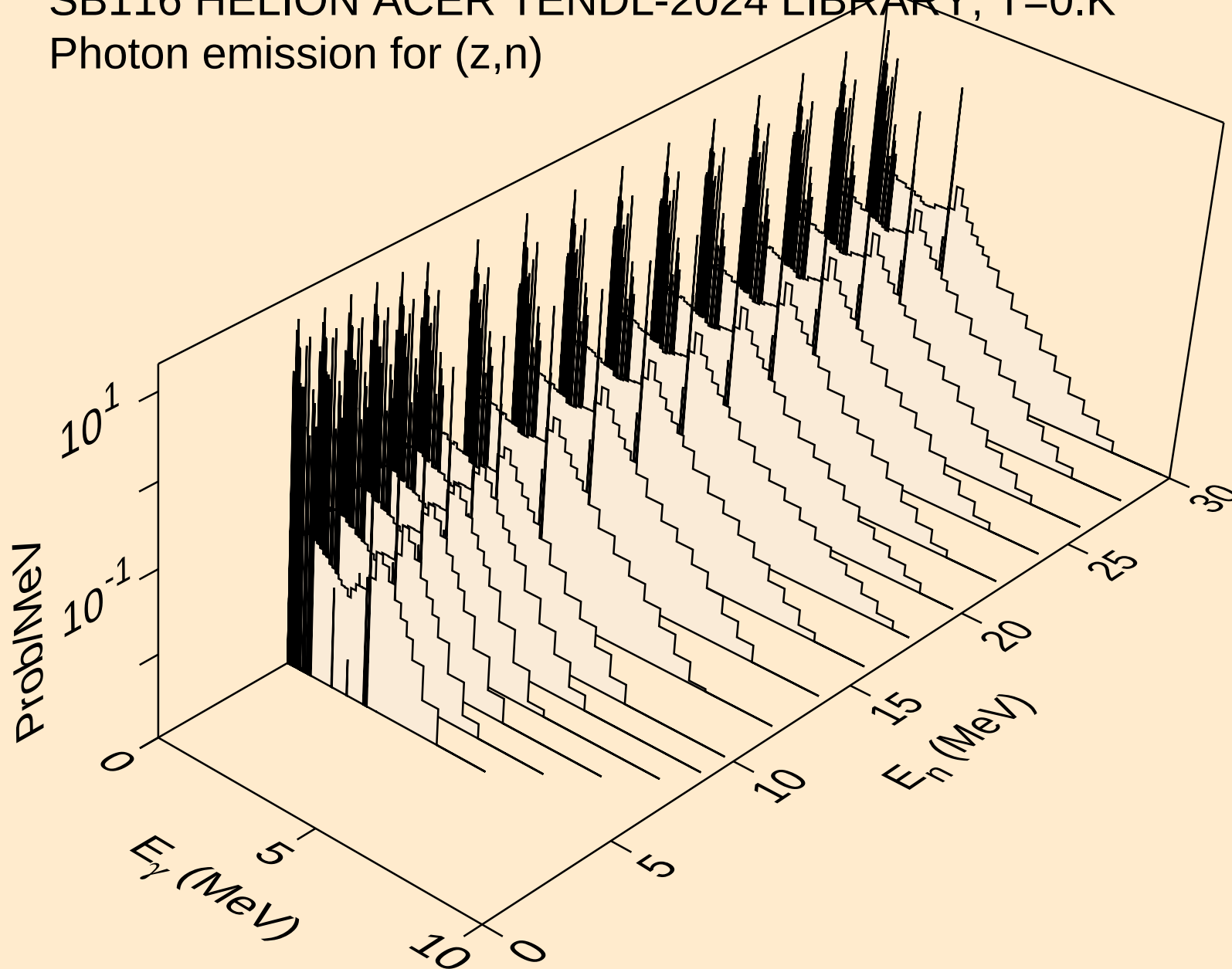




SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for inelastic

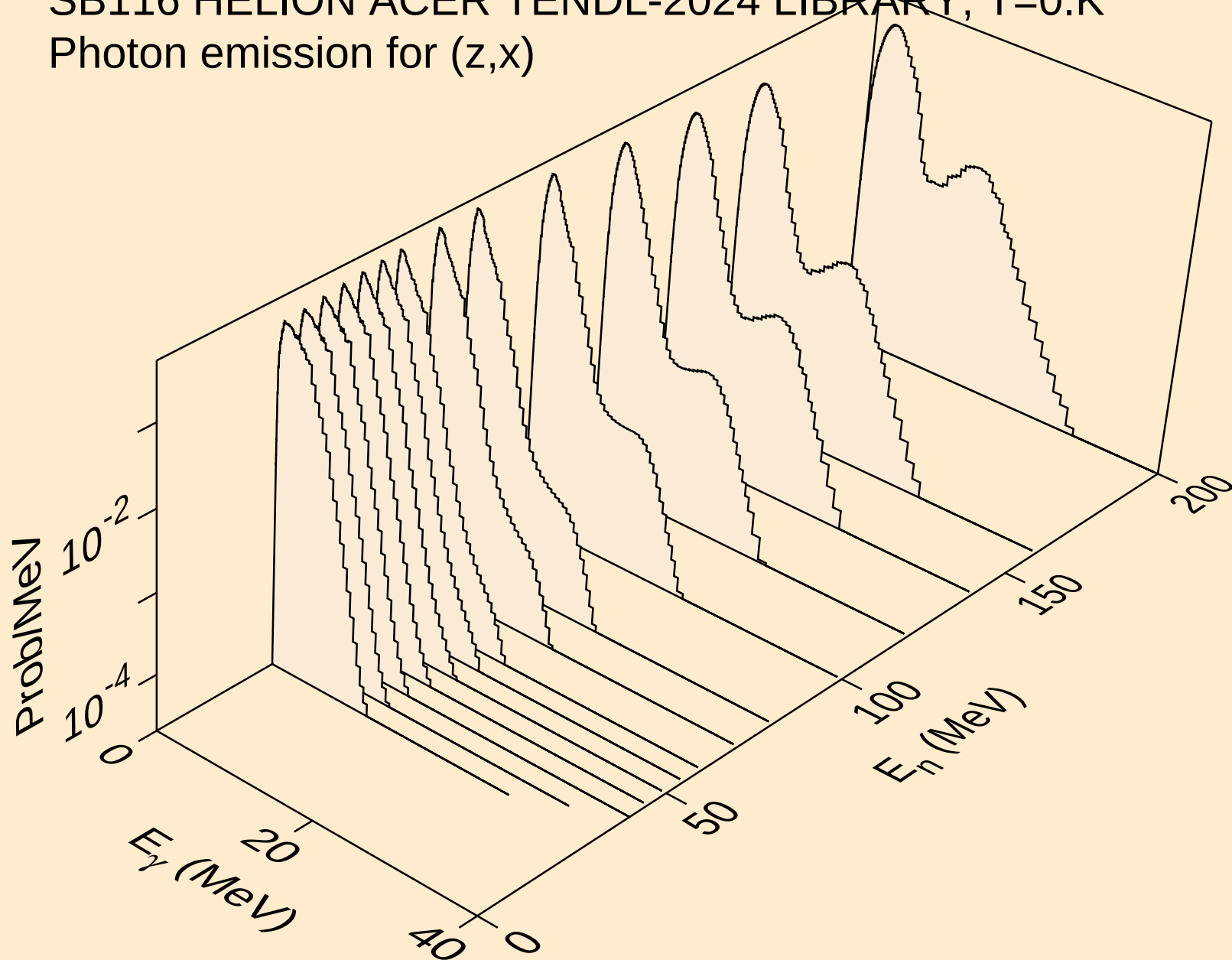


SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,n)

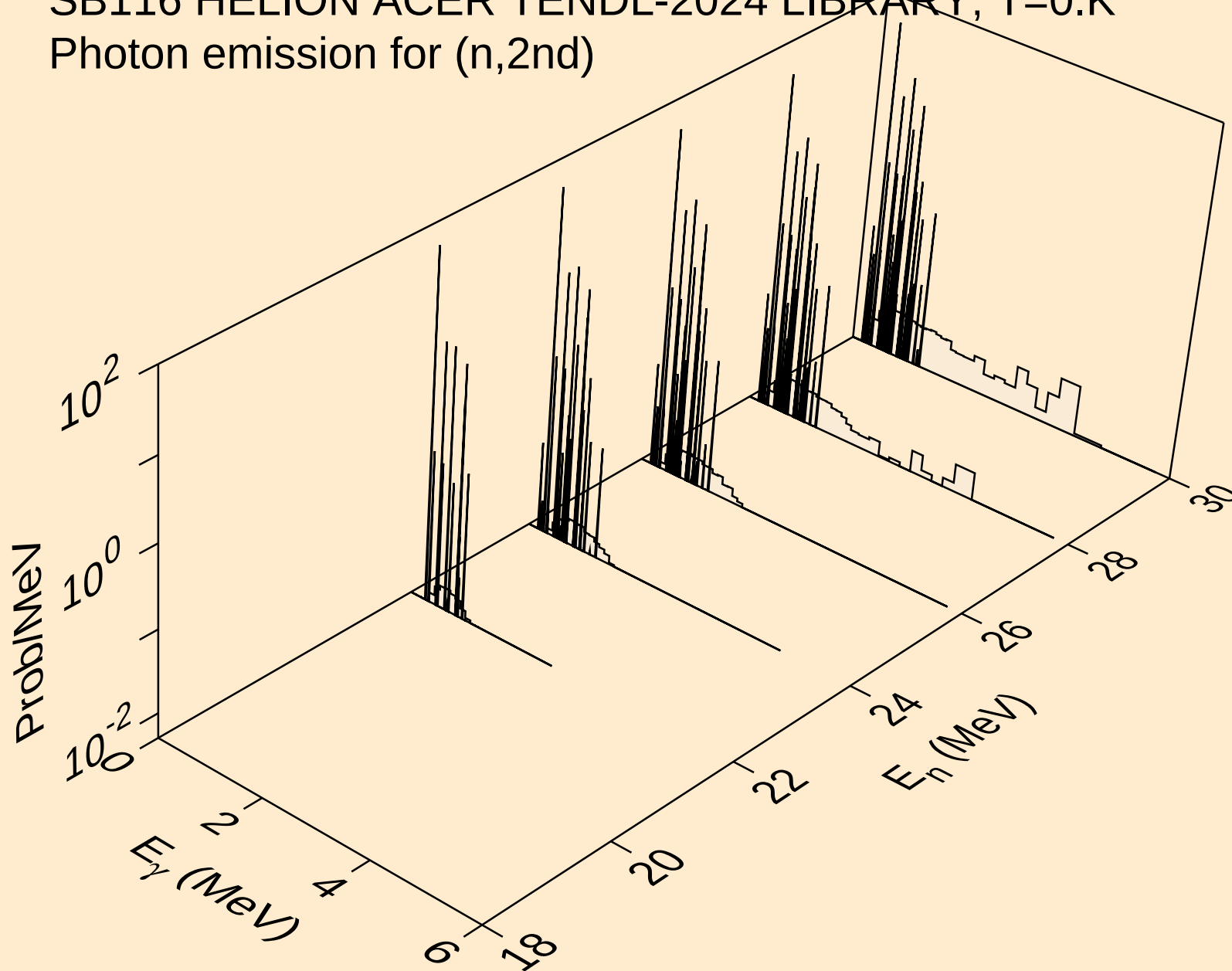


SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K

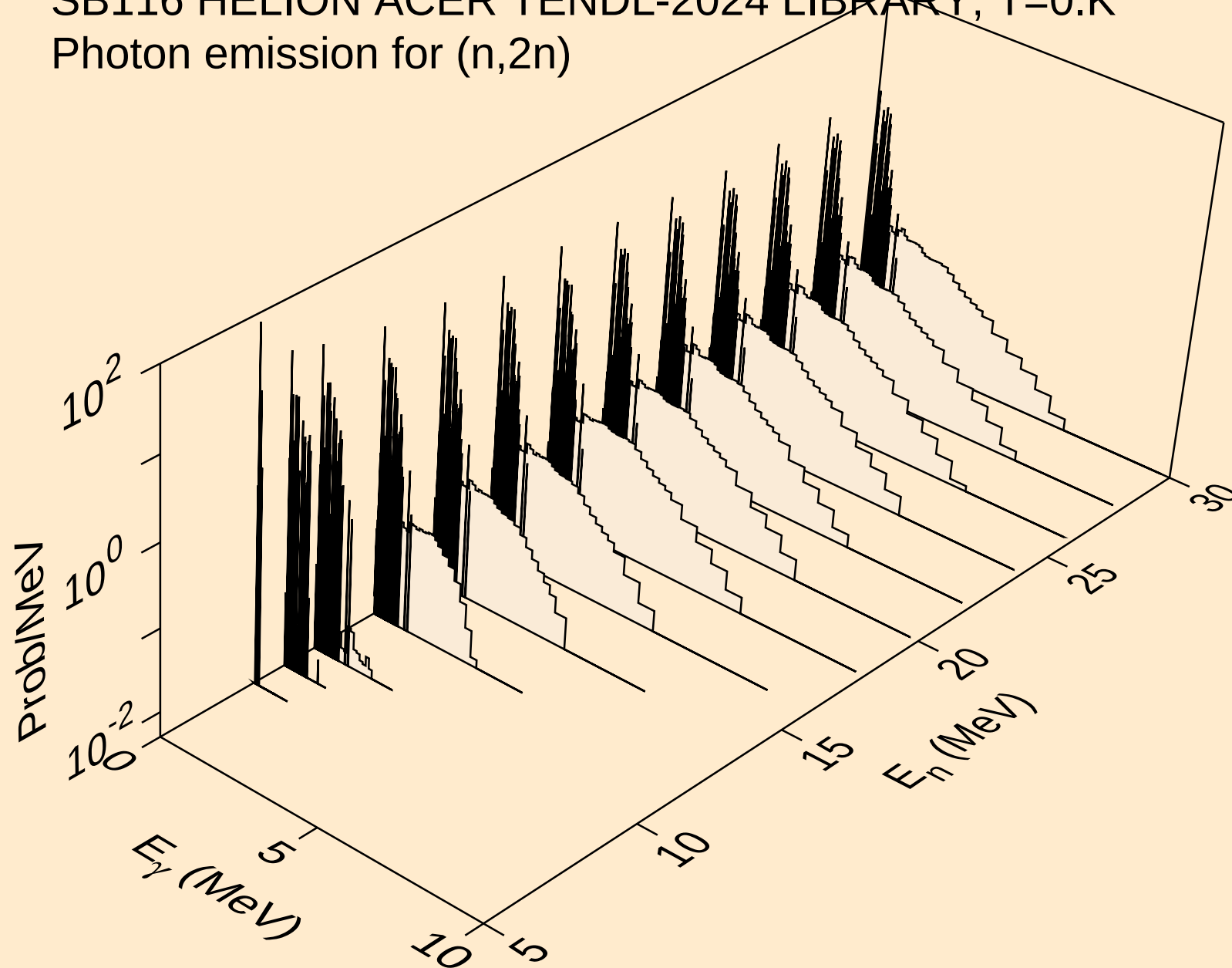
Photon emission for (z,x)



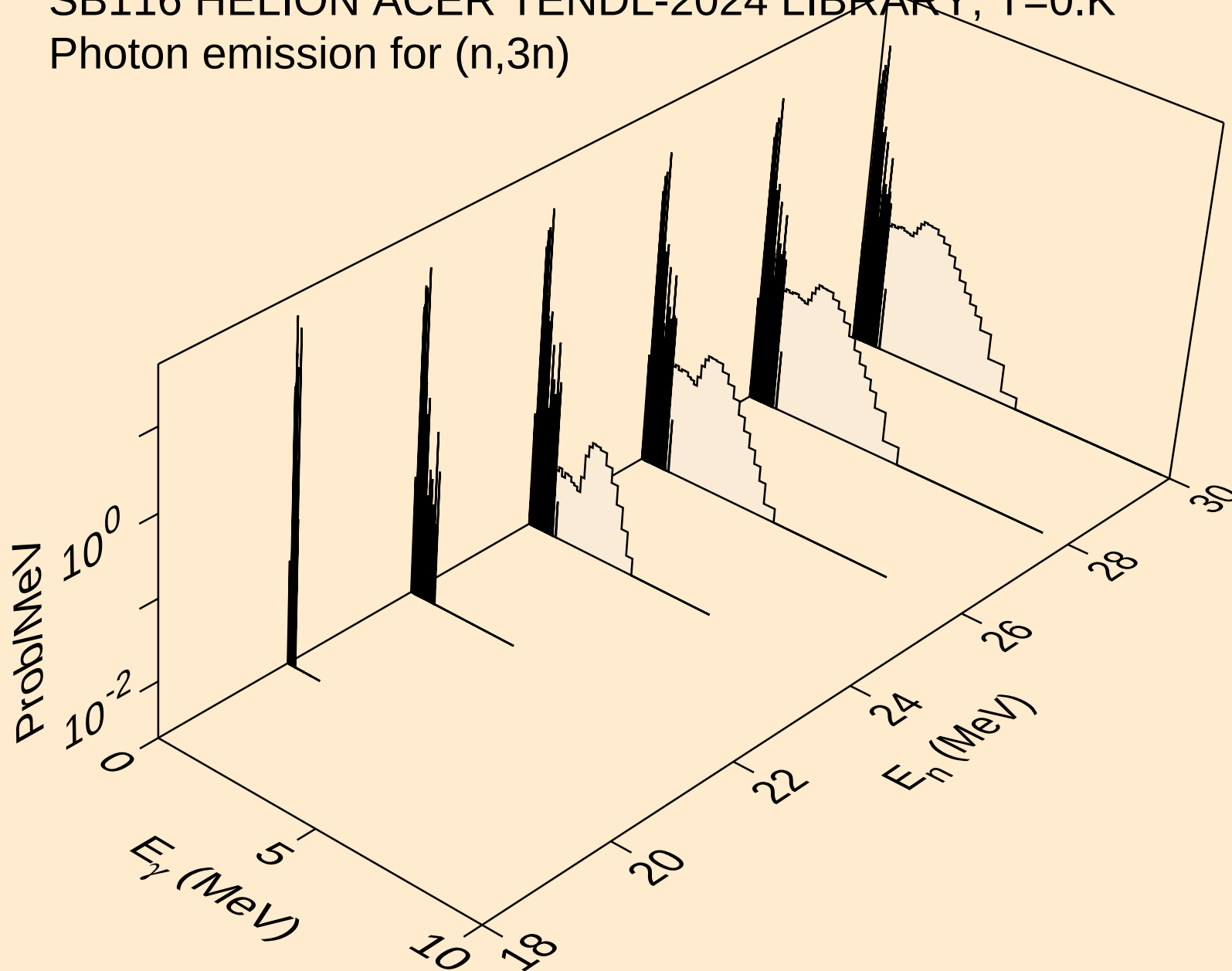
SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



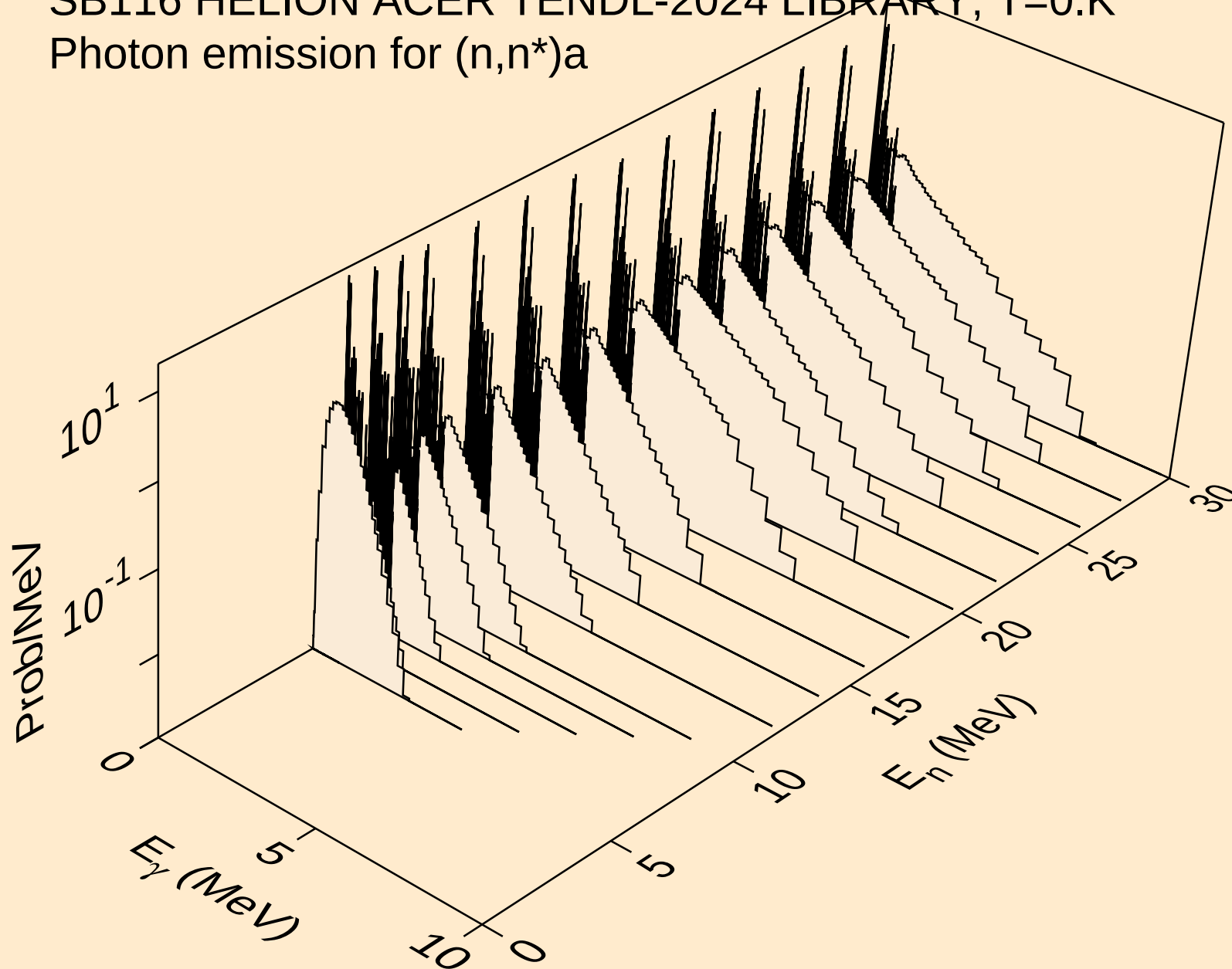
SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



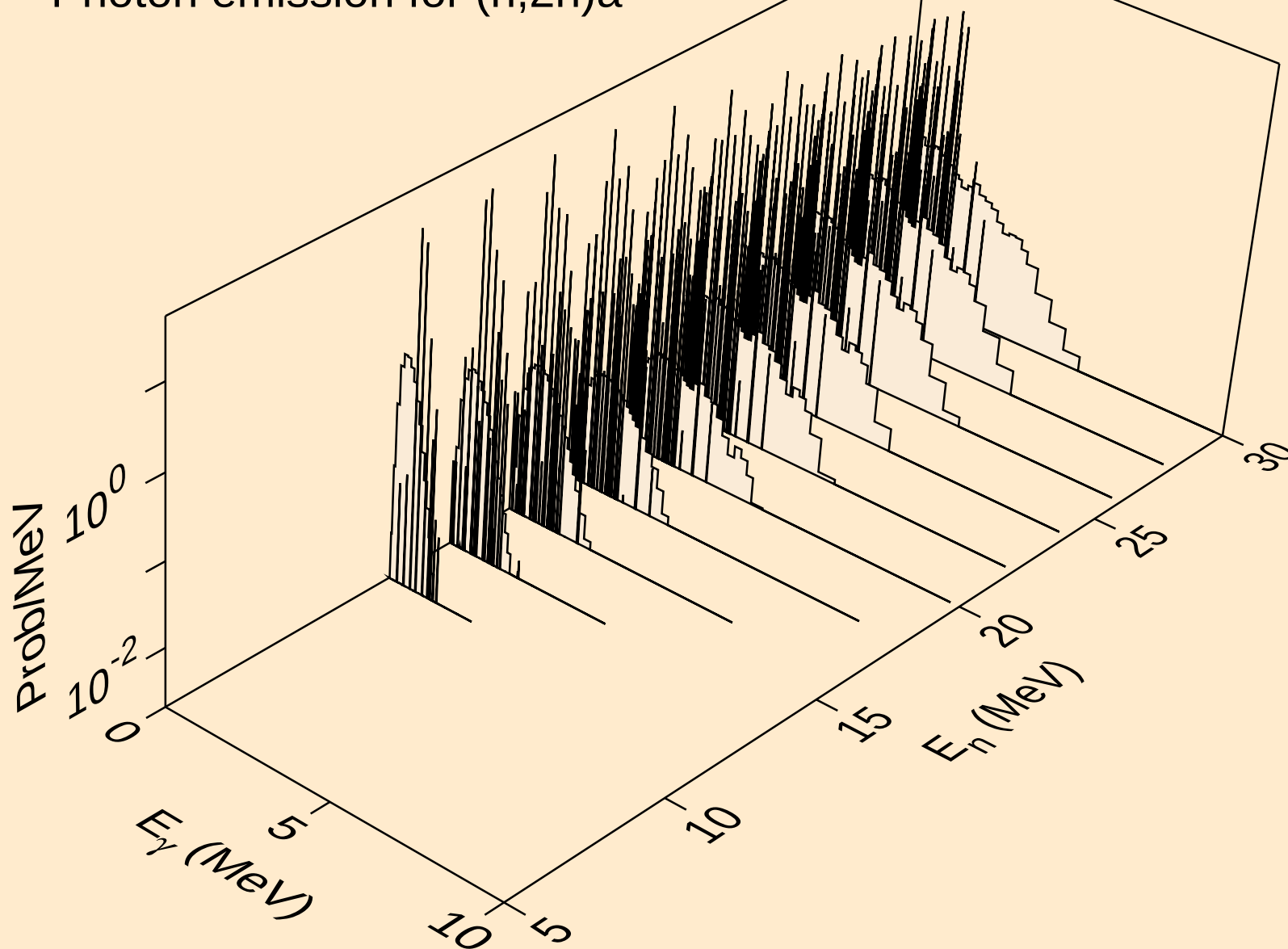
SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



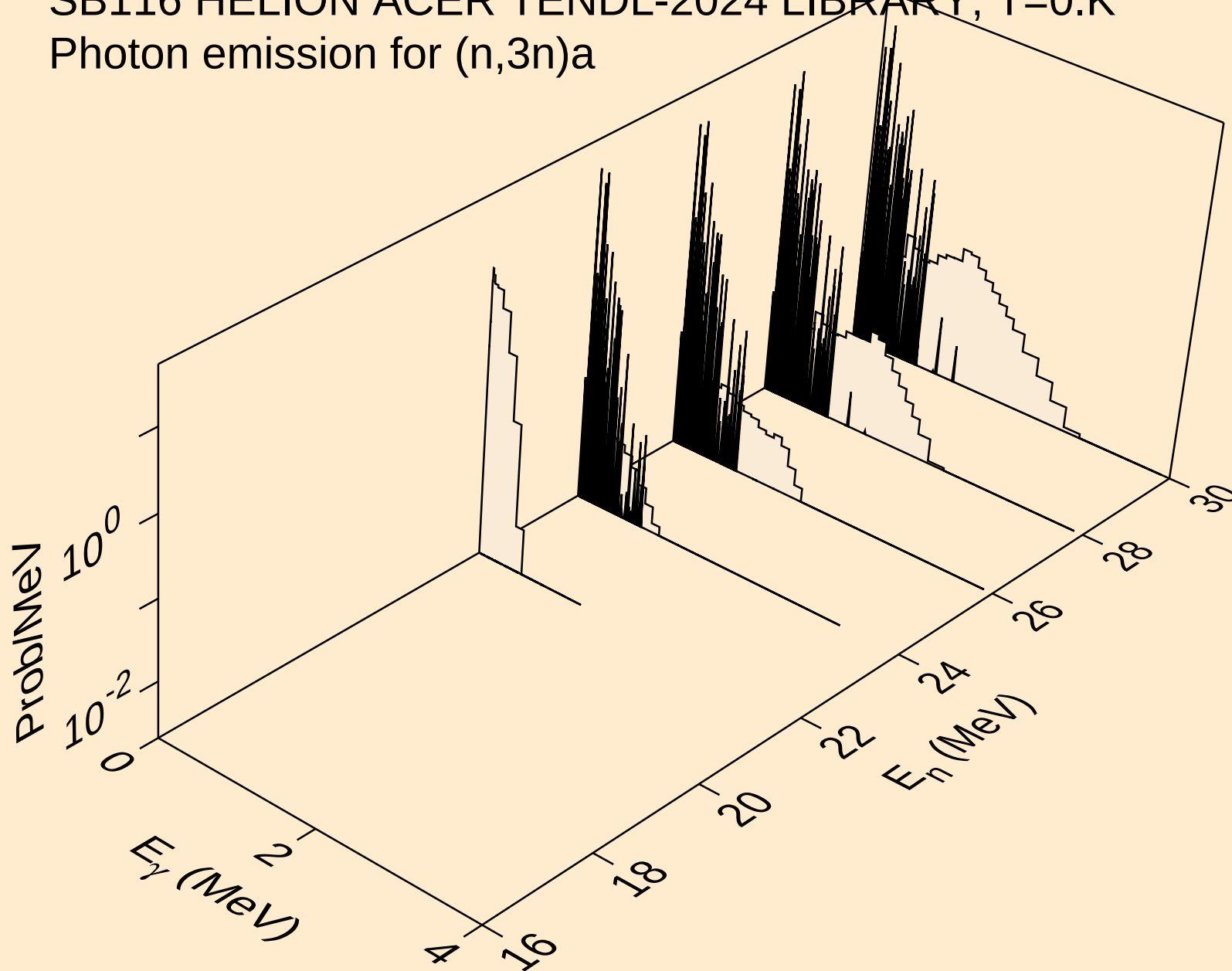
SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



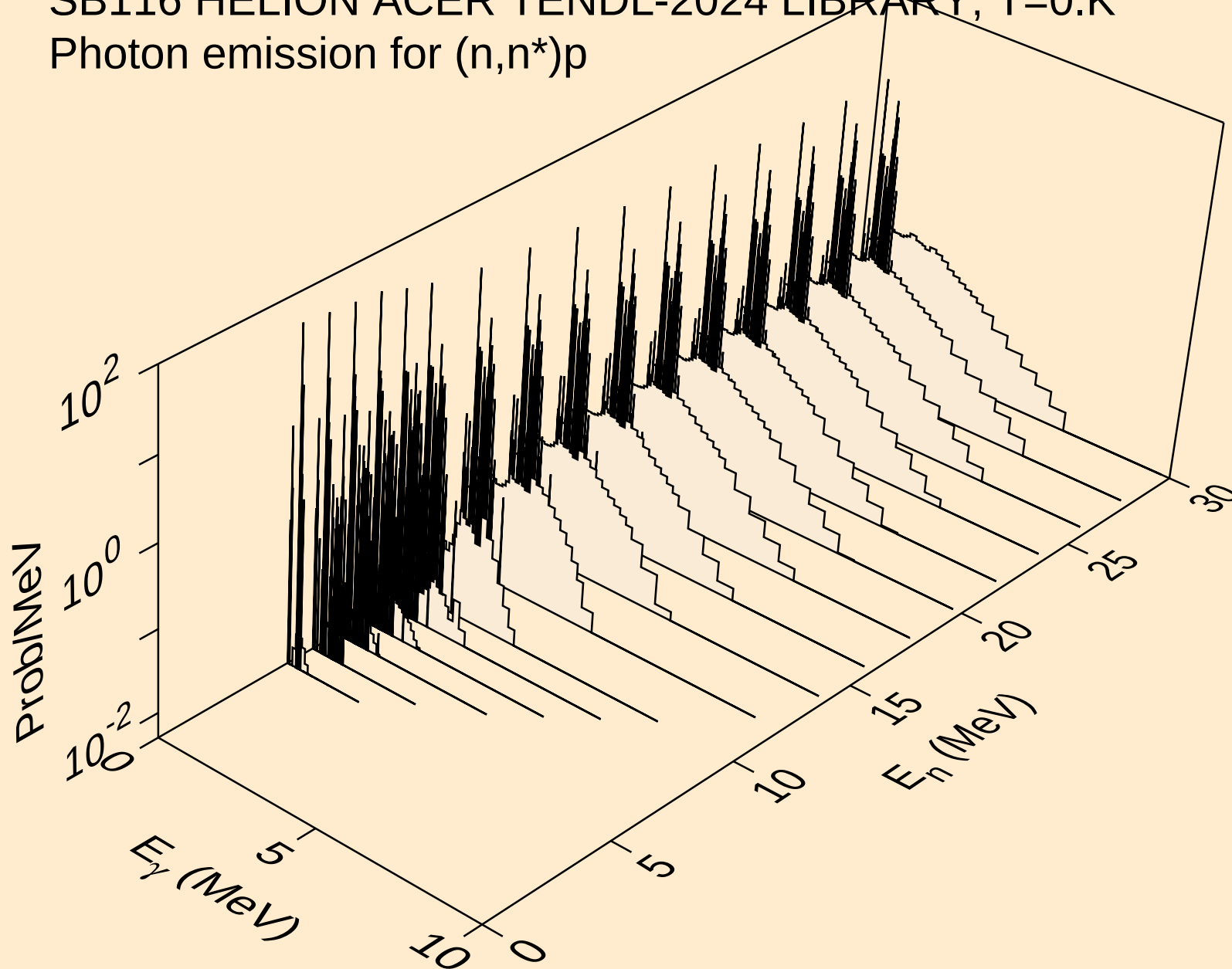


SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K

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

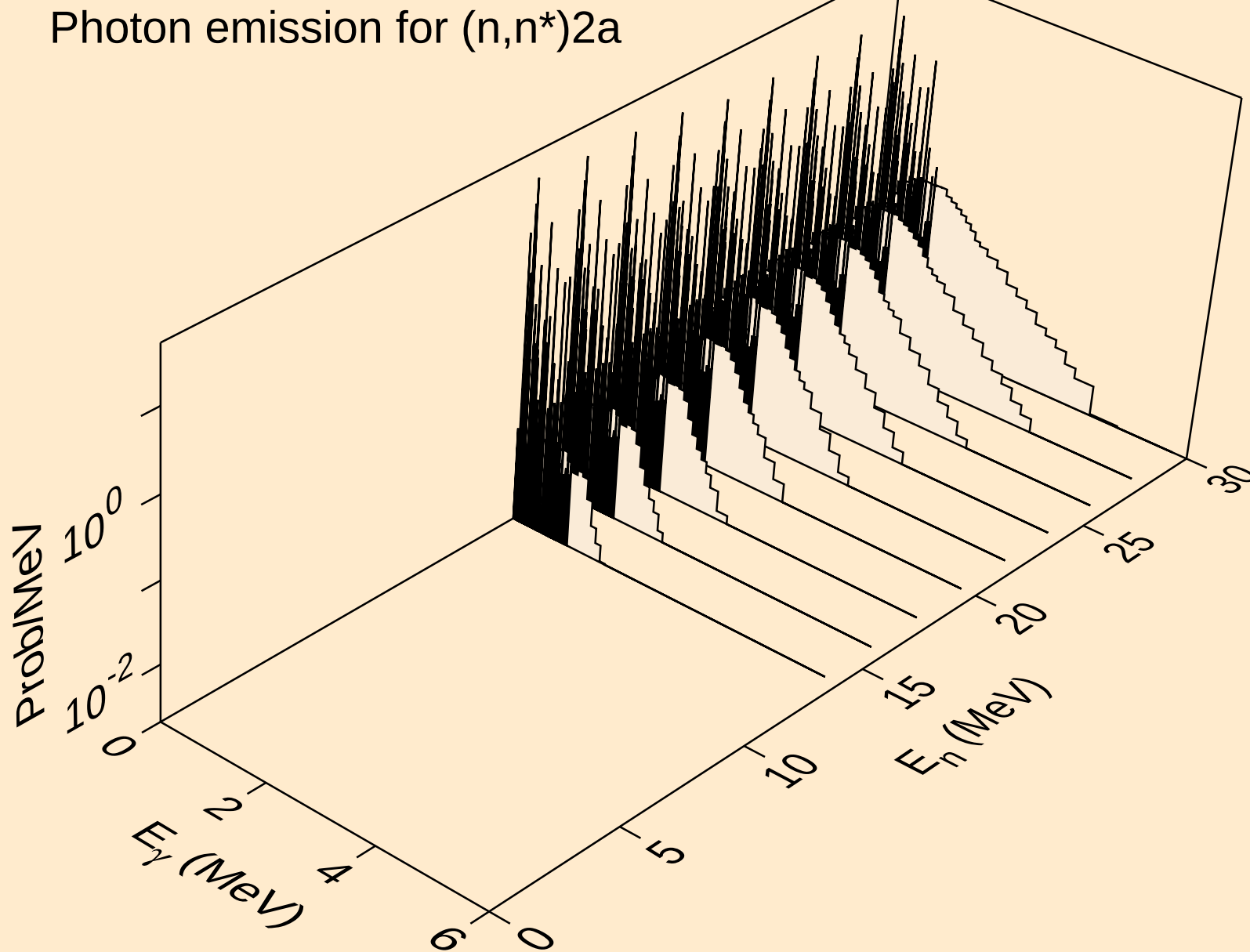


SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

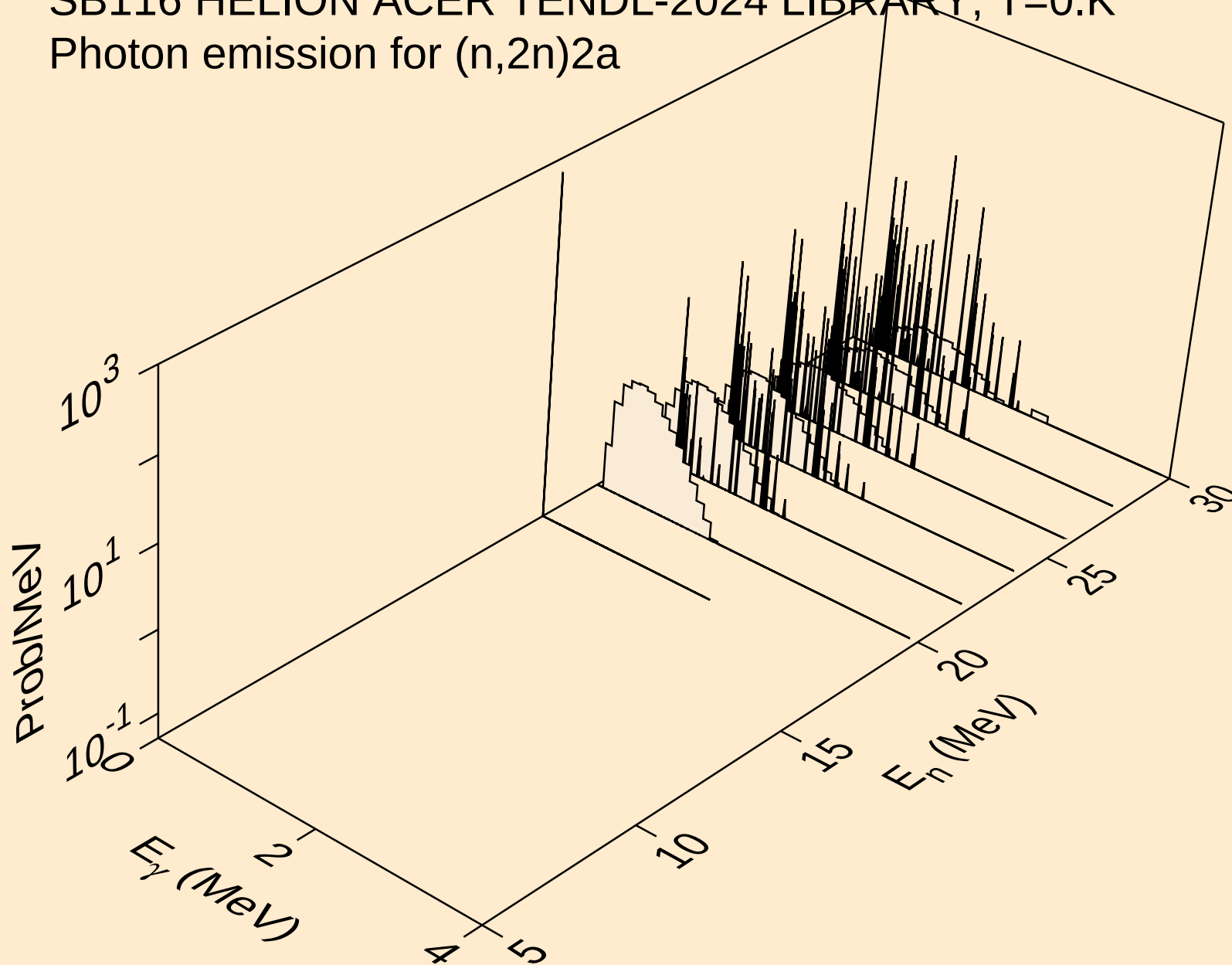


SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K

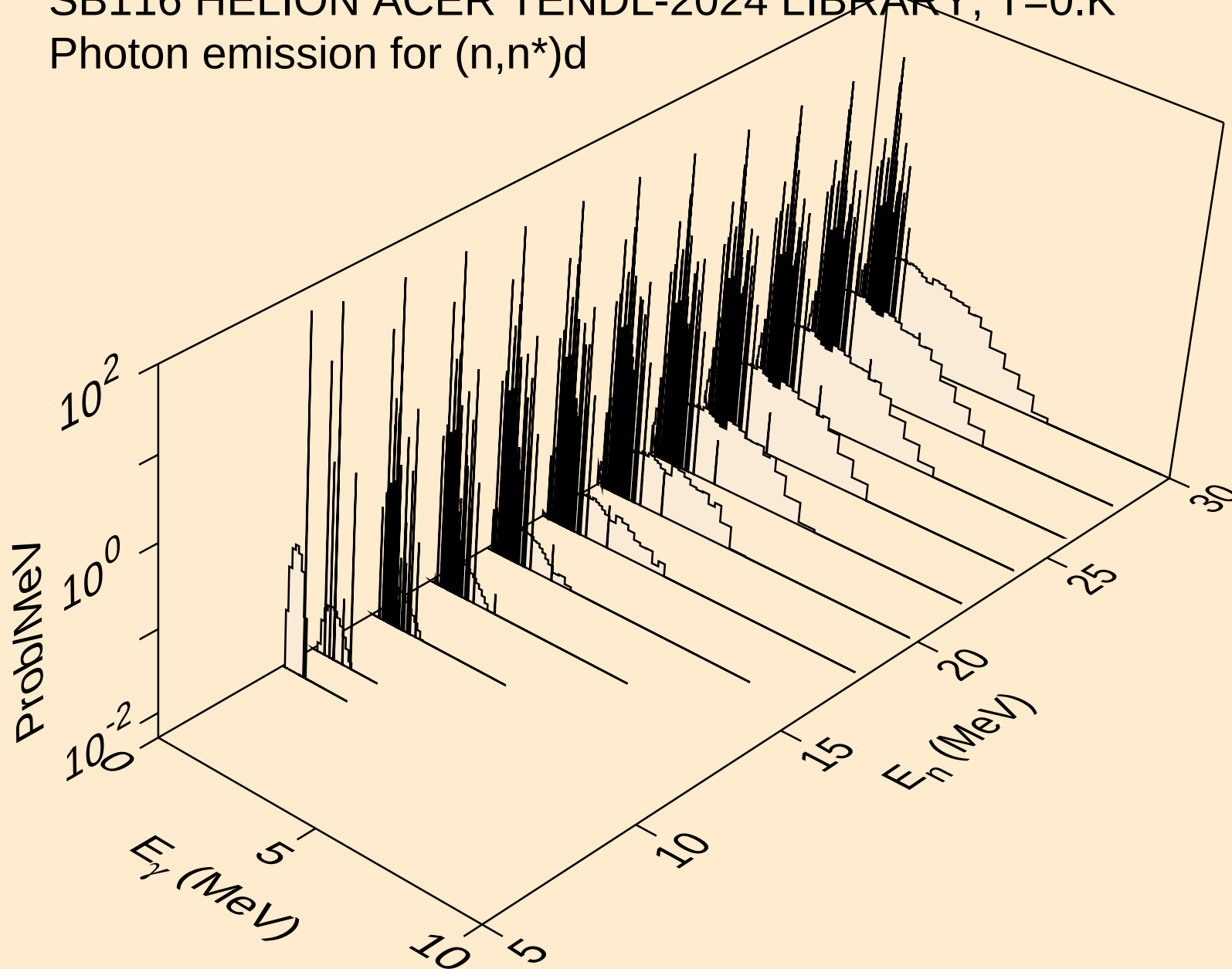
Photon emission for (n,n\*)2a



SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)2a

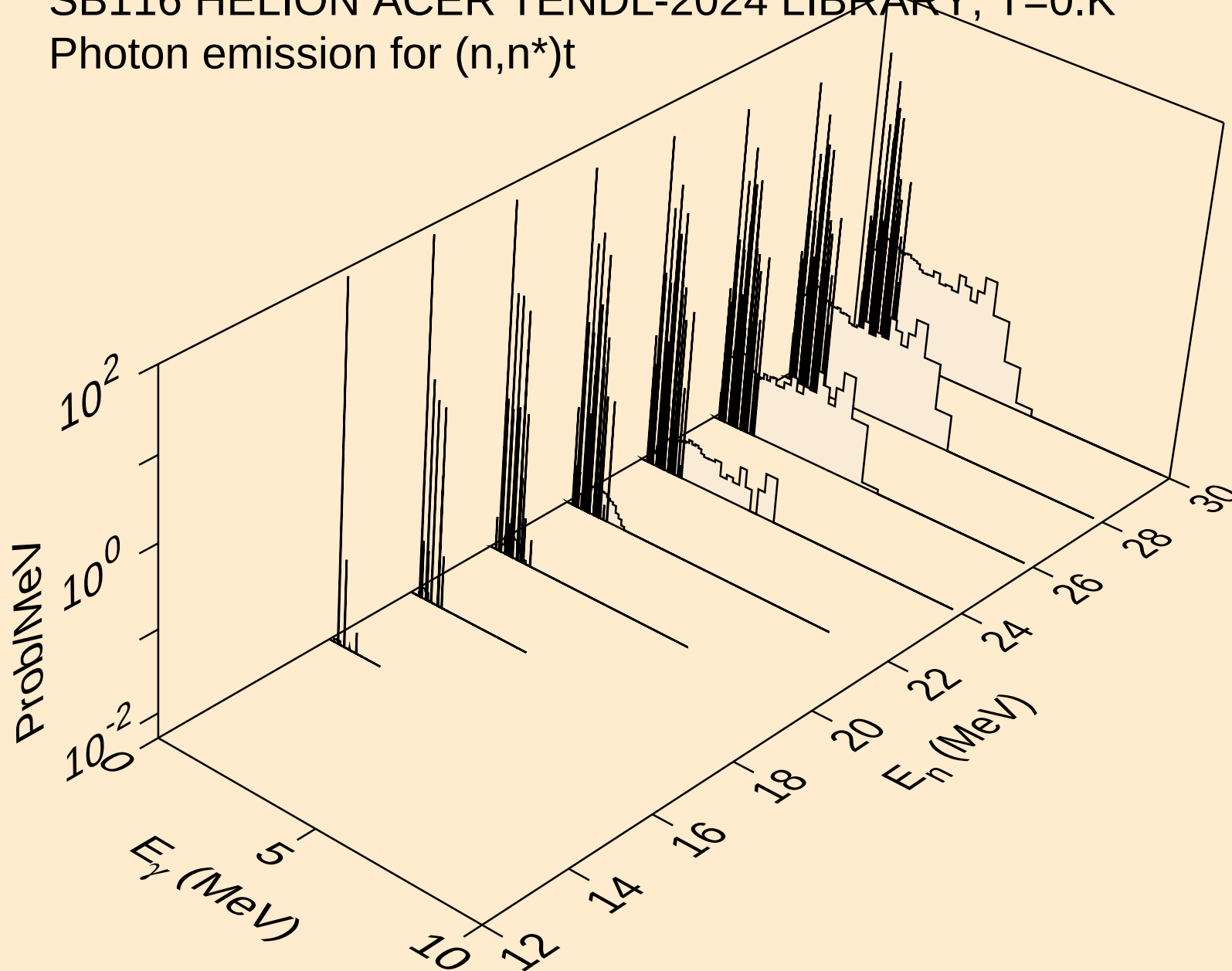


SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

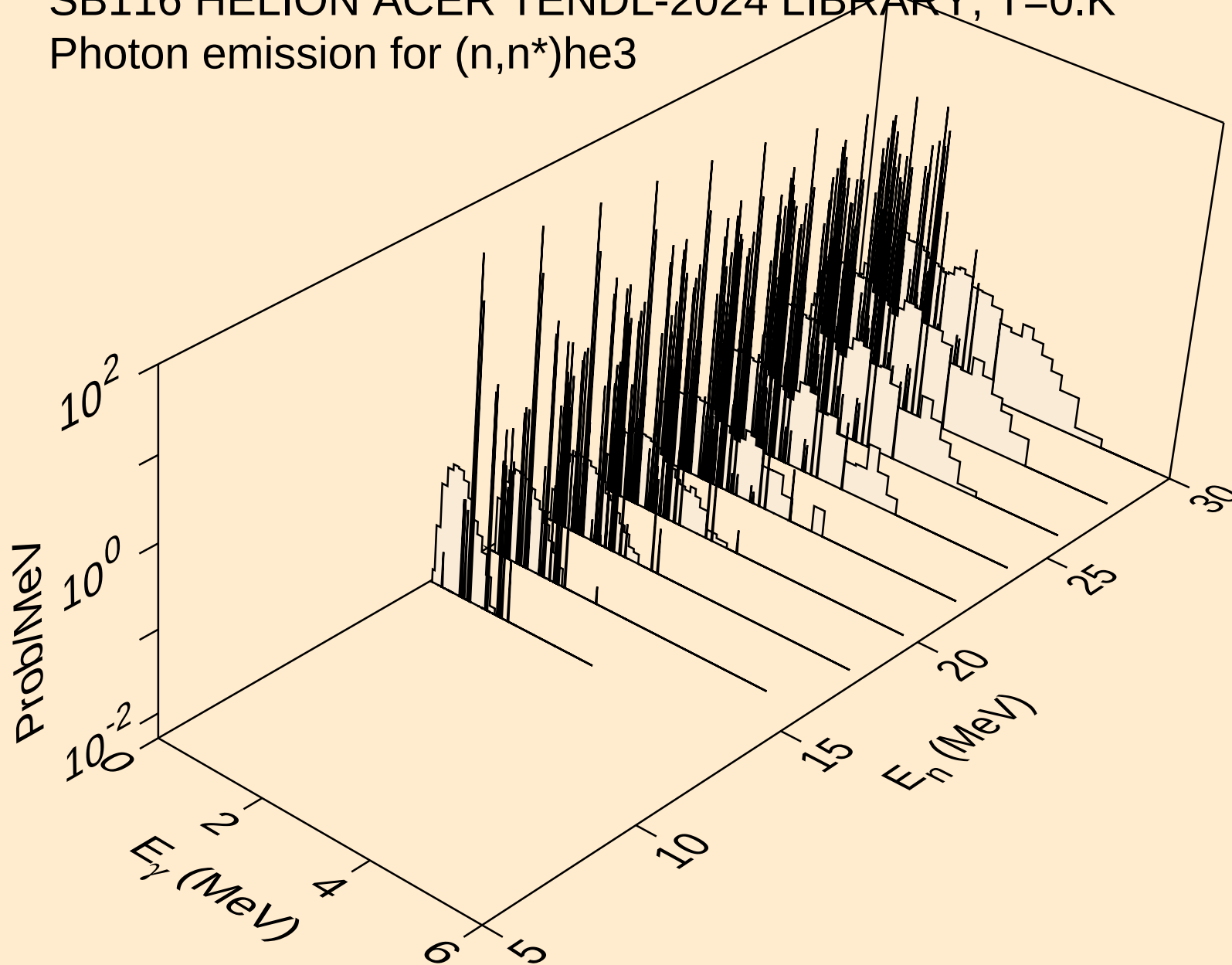


SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K

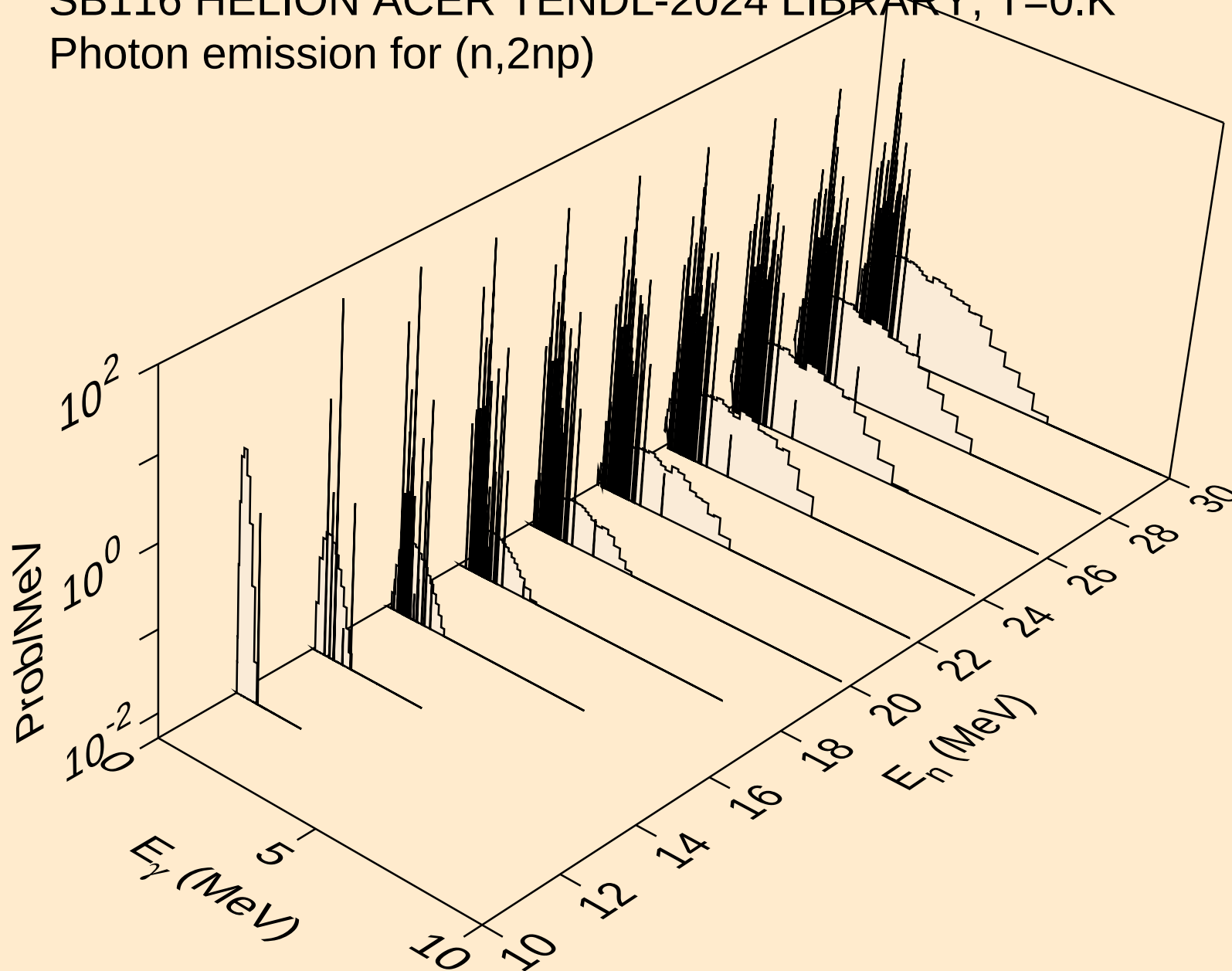
Photon emission for (n,n\*)t



SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

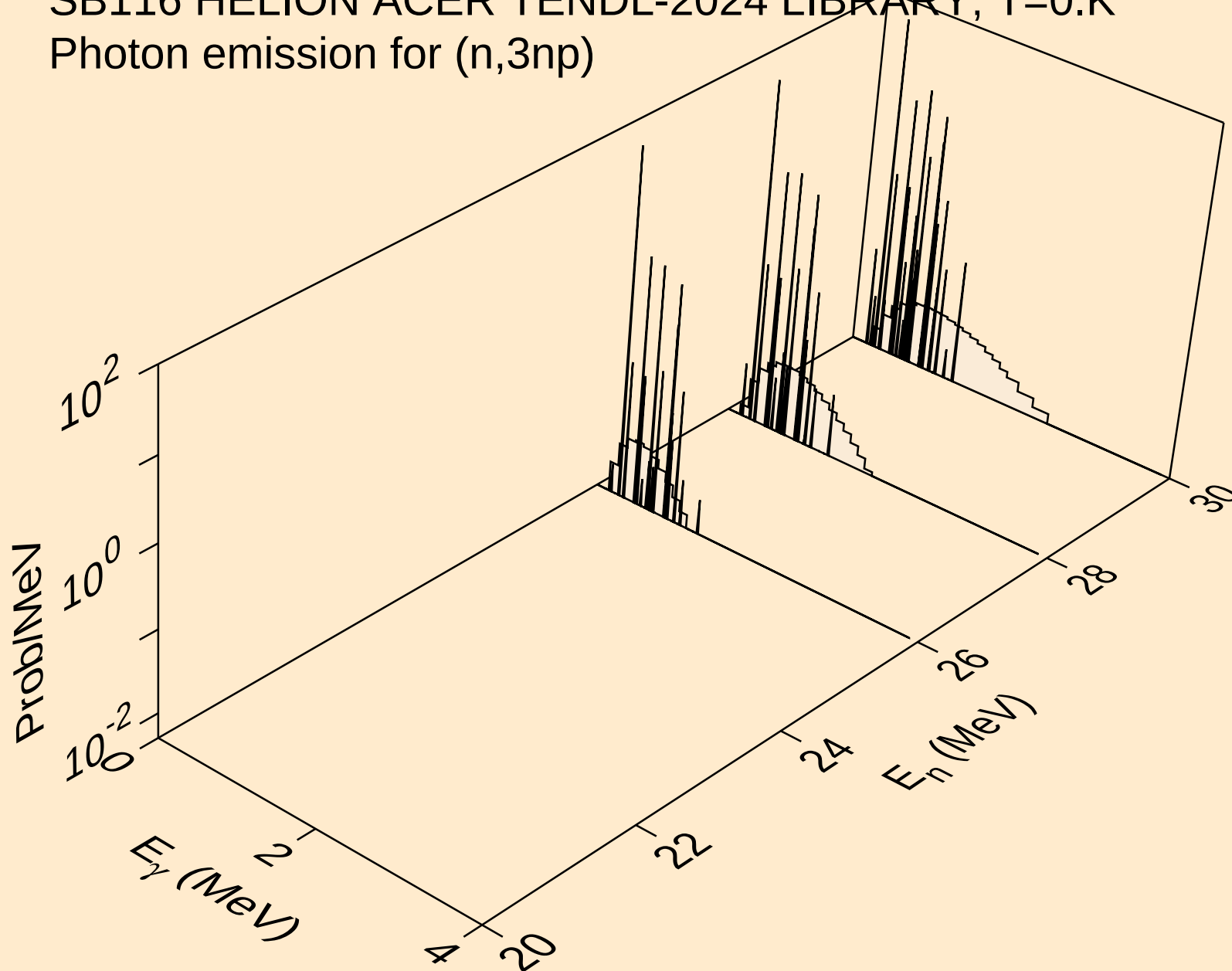


SB116 HELION ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (n,2np)

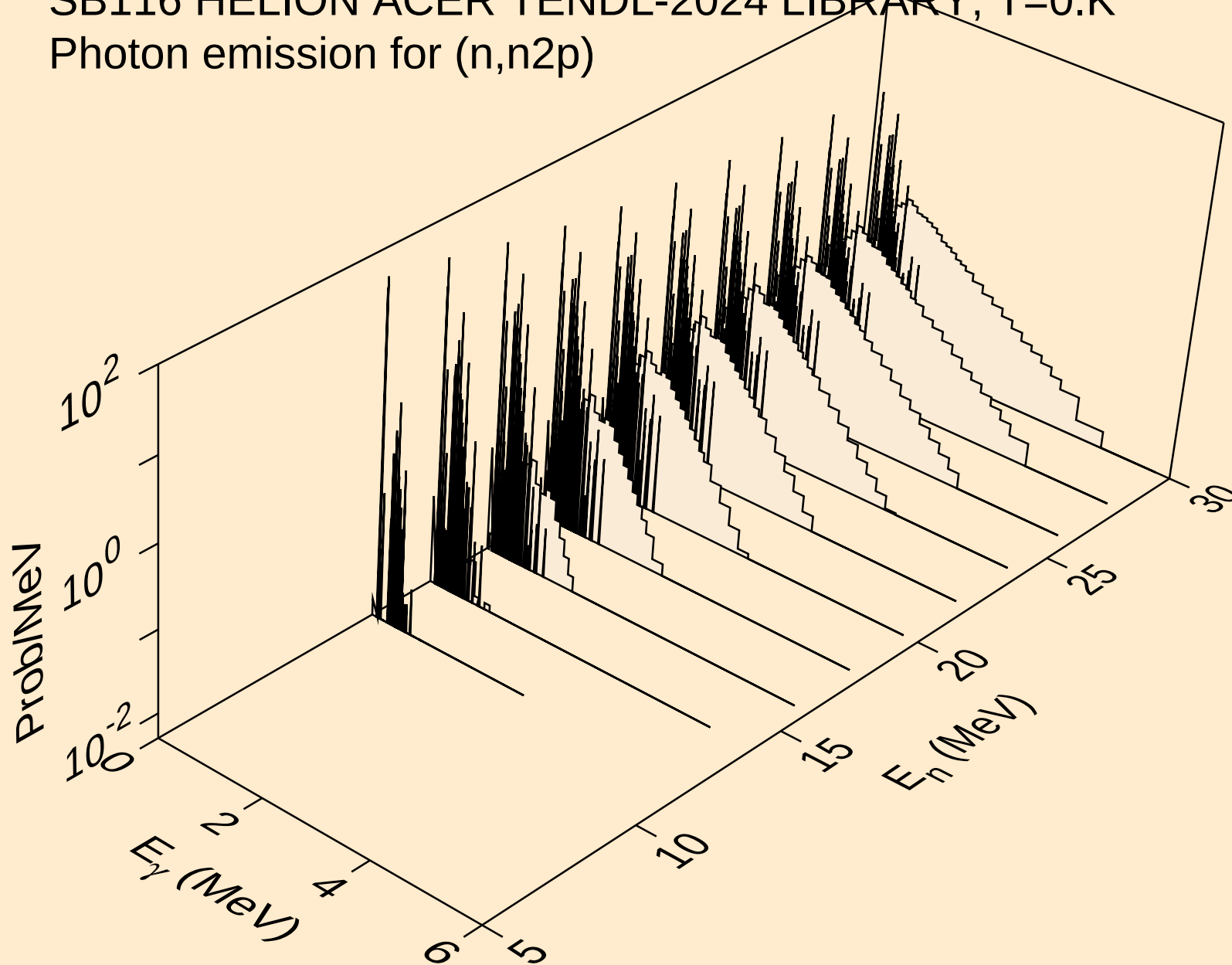




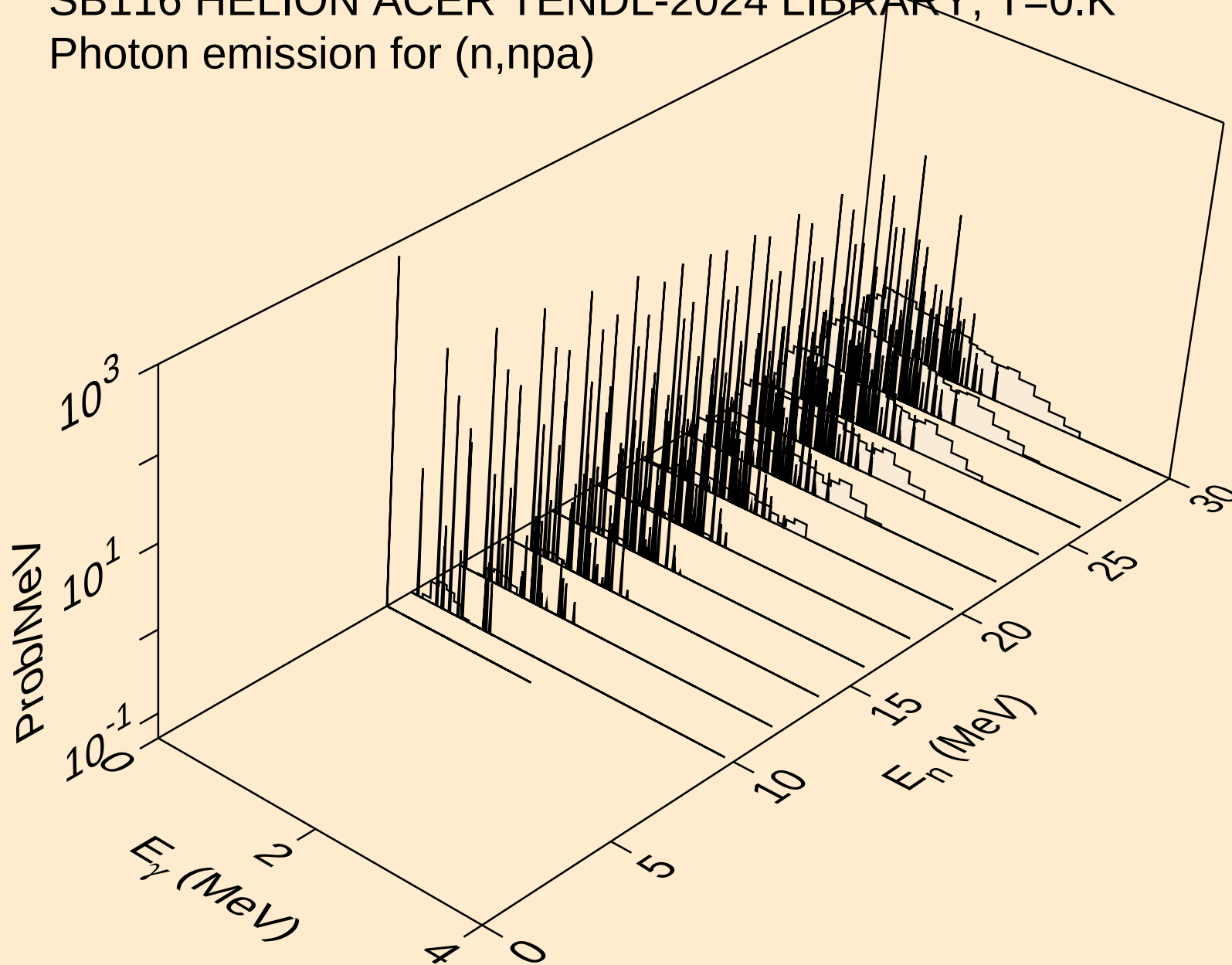
SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



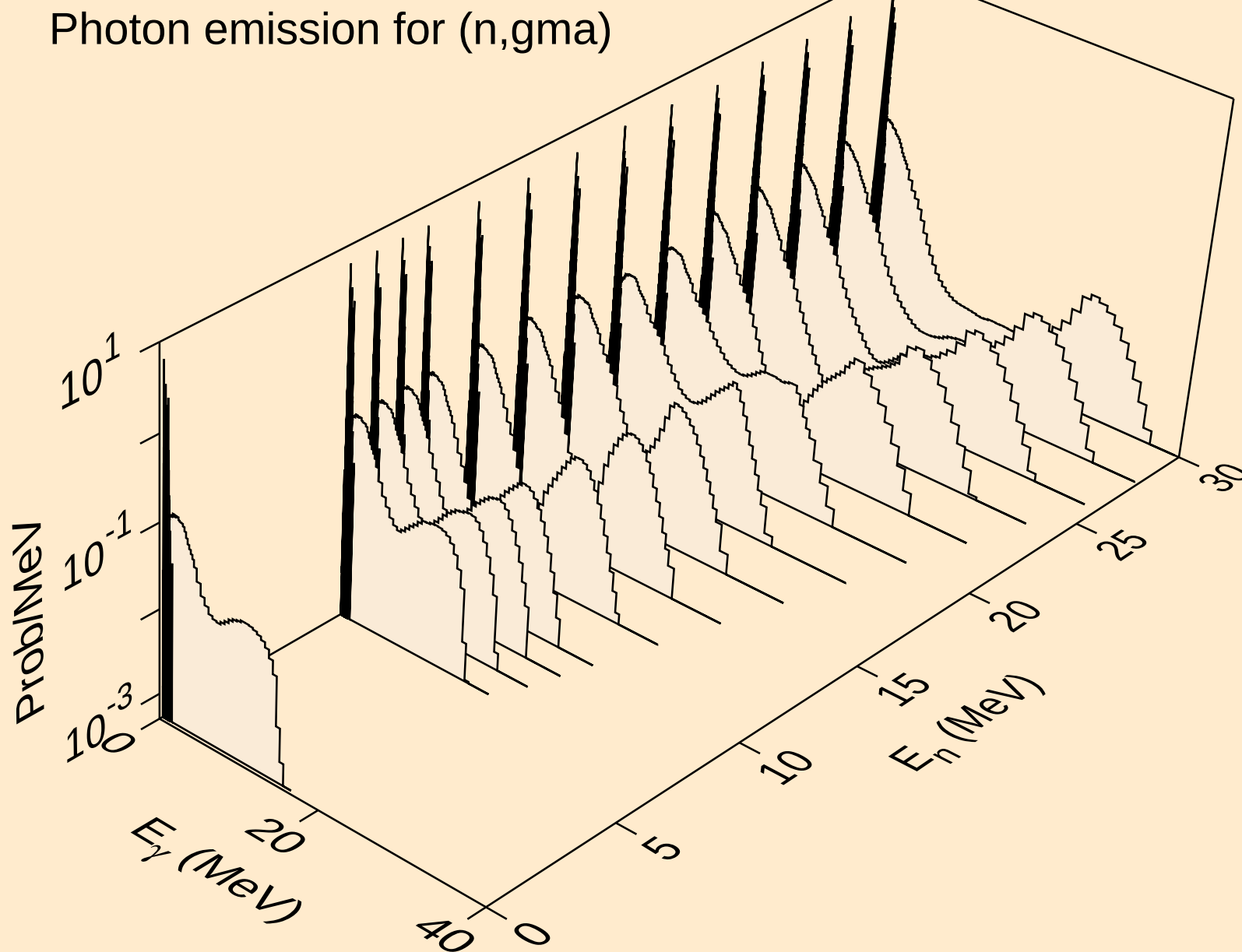
SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



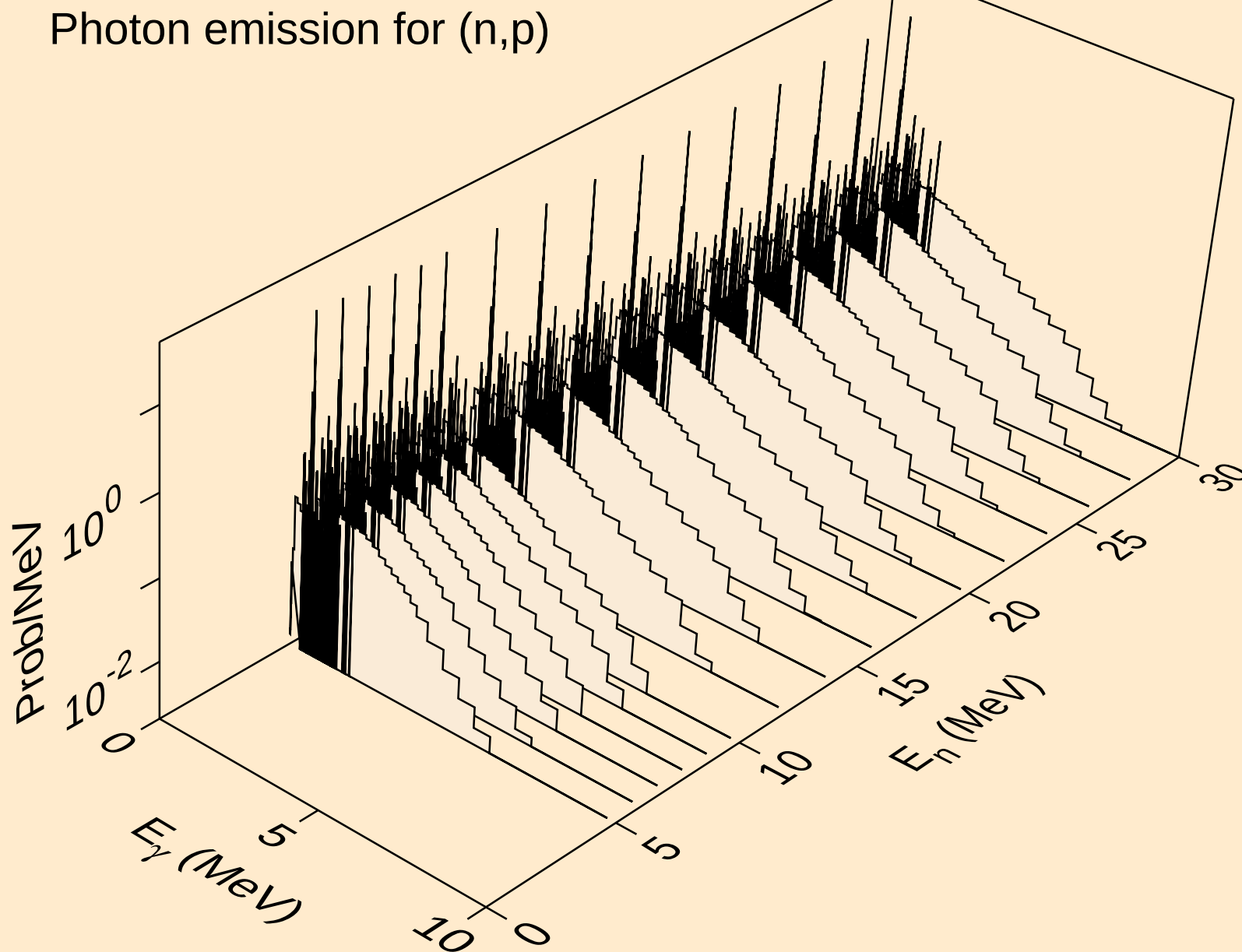
SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



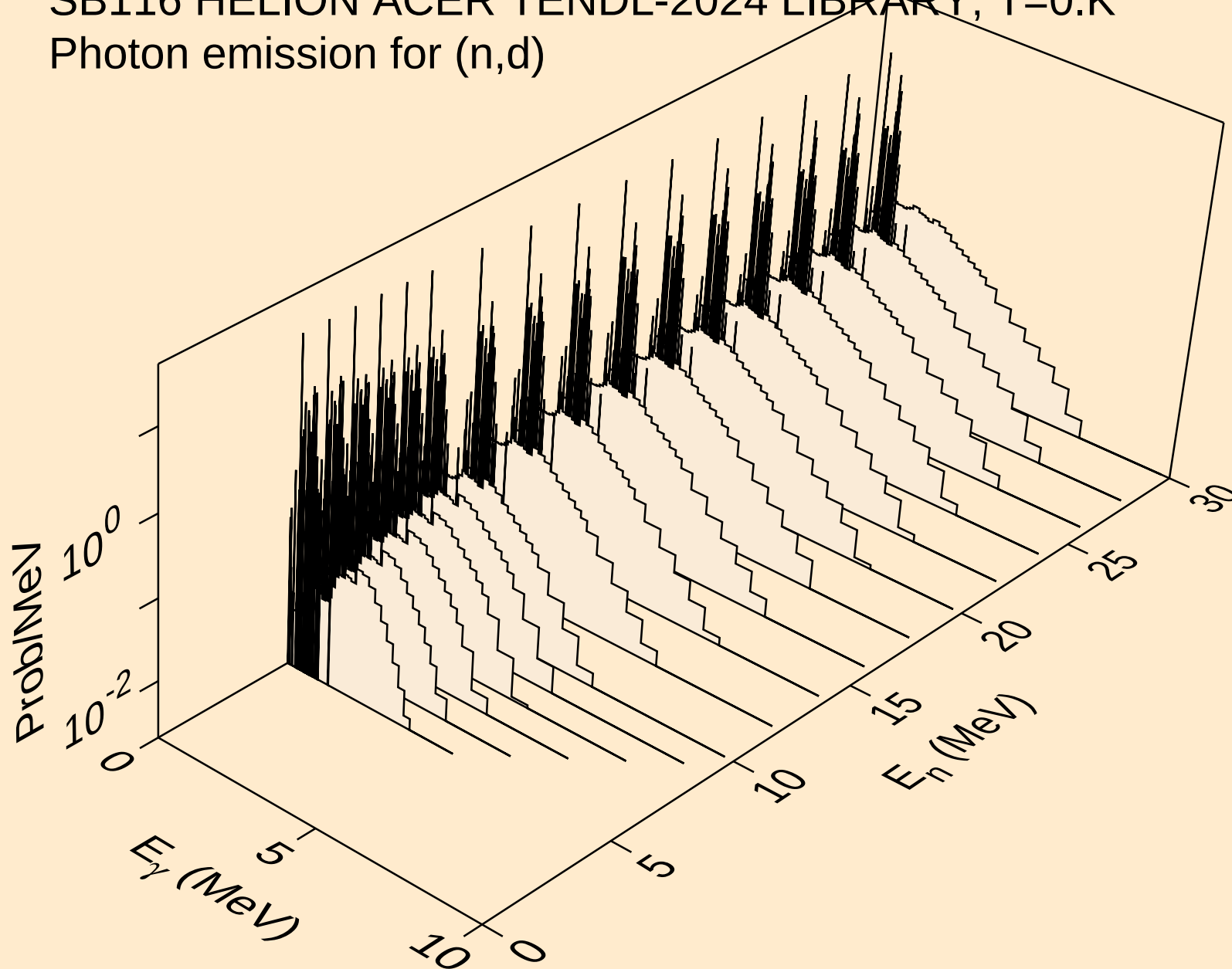
SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



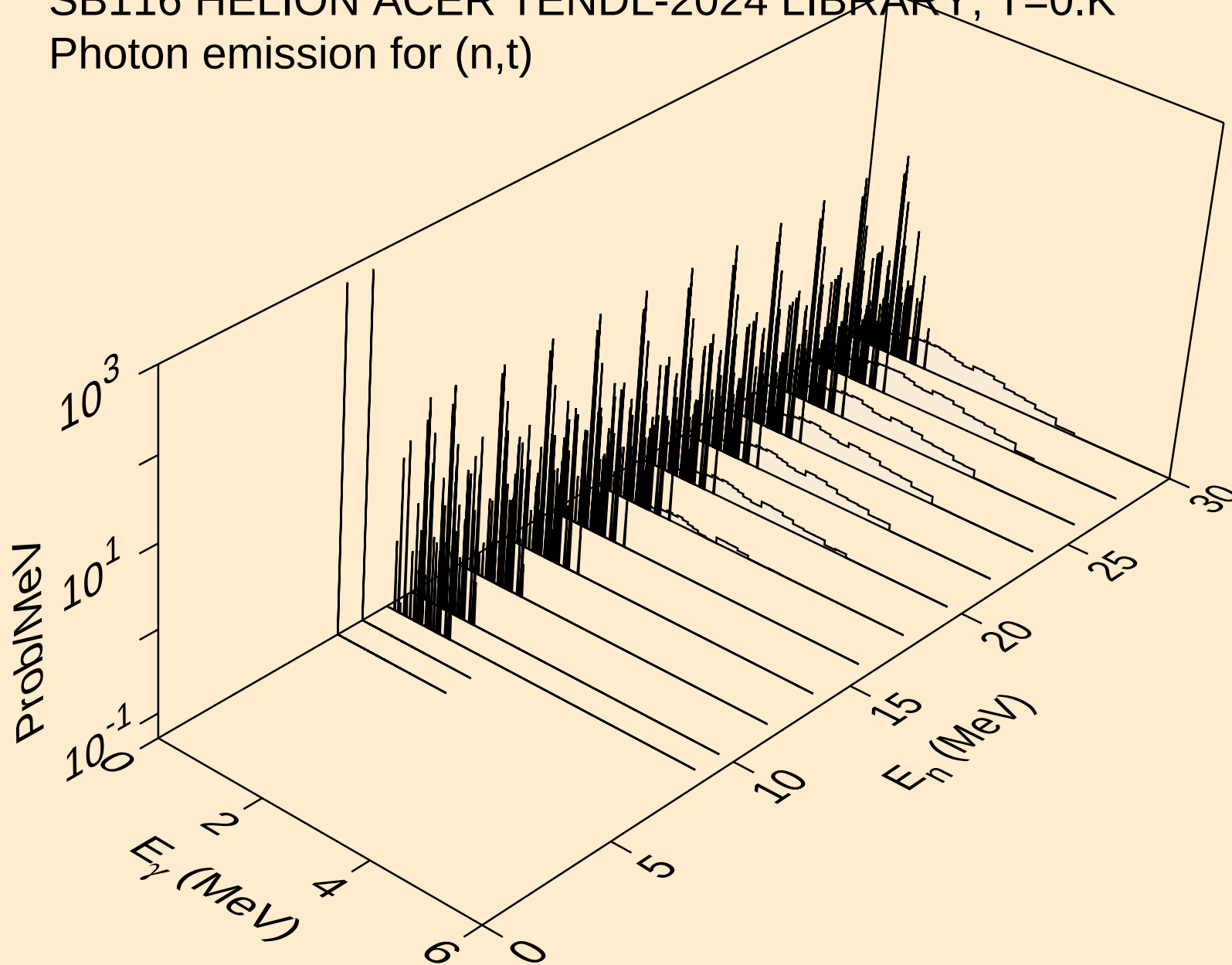
SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



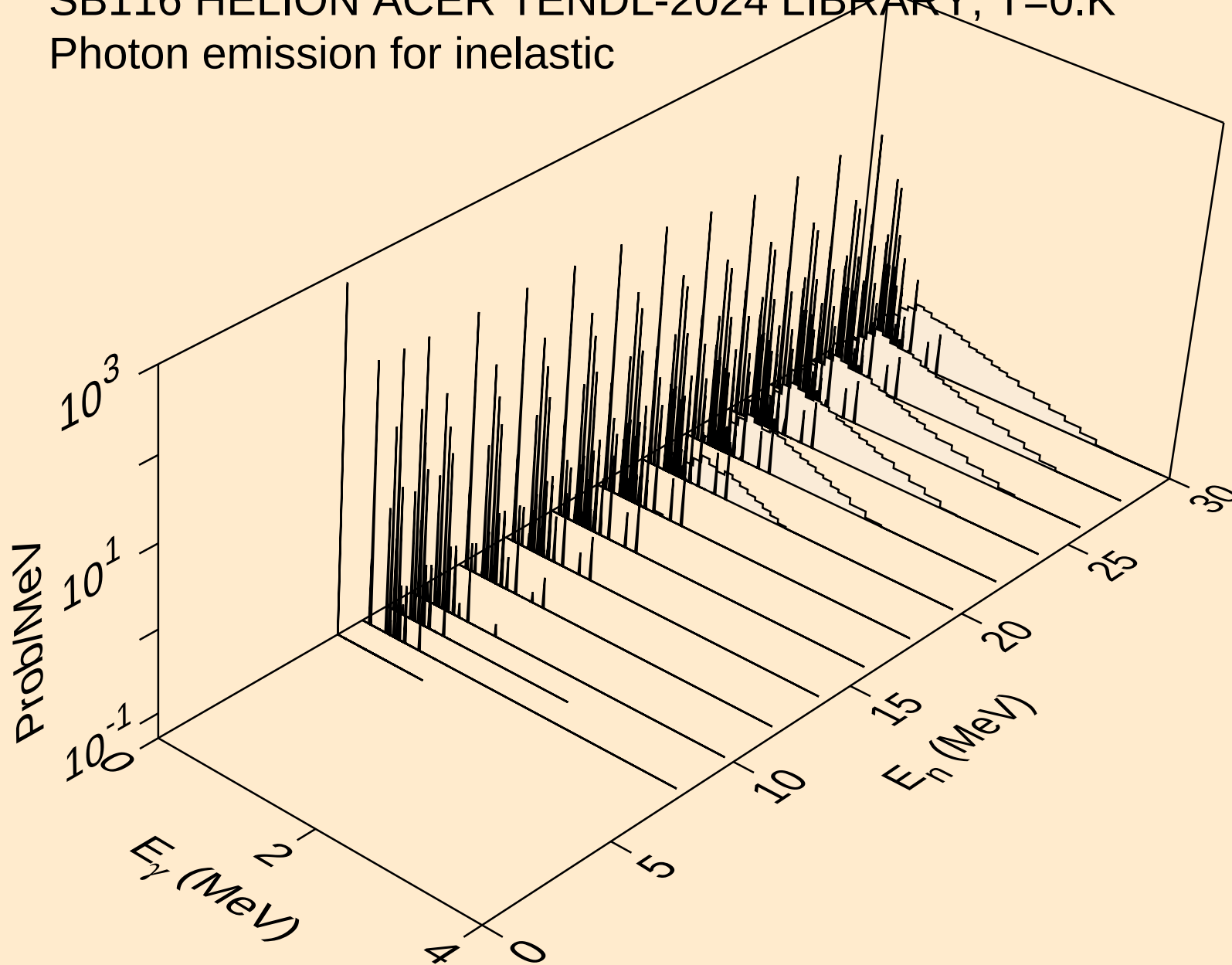
SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)

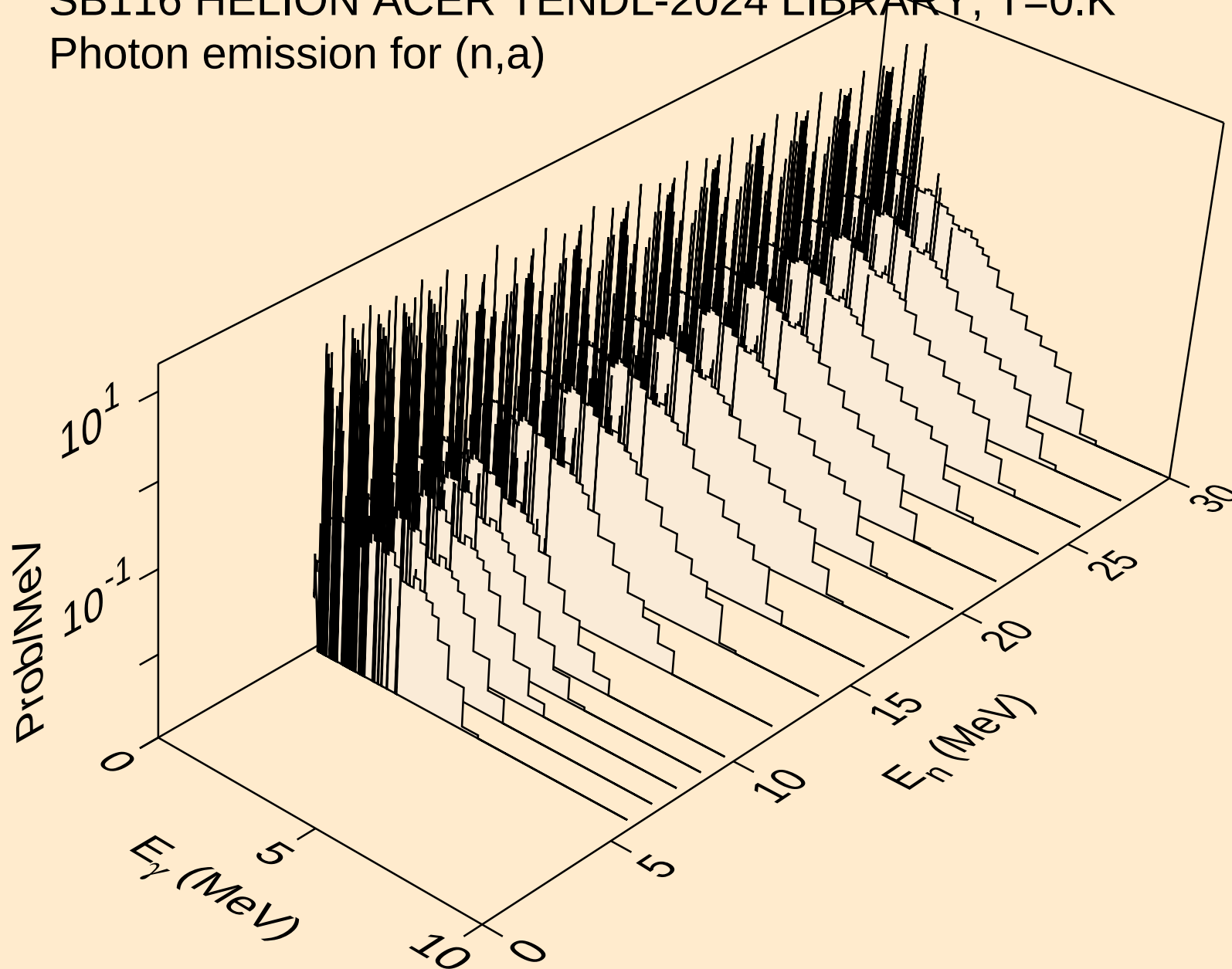


SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic

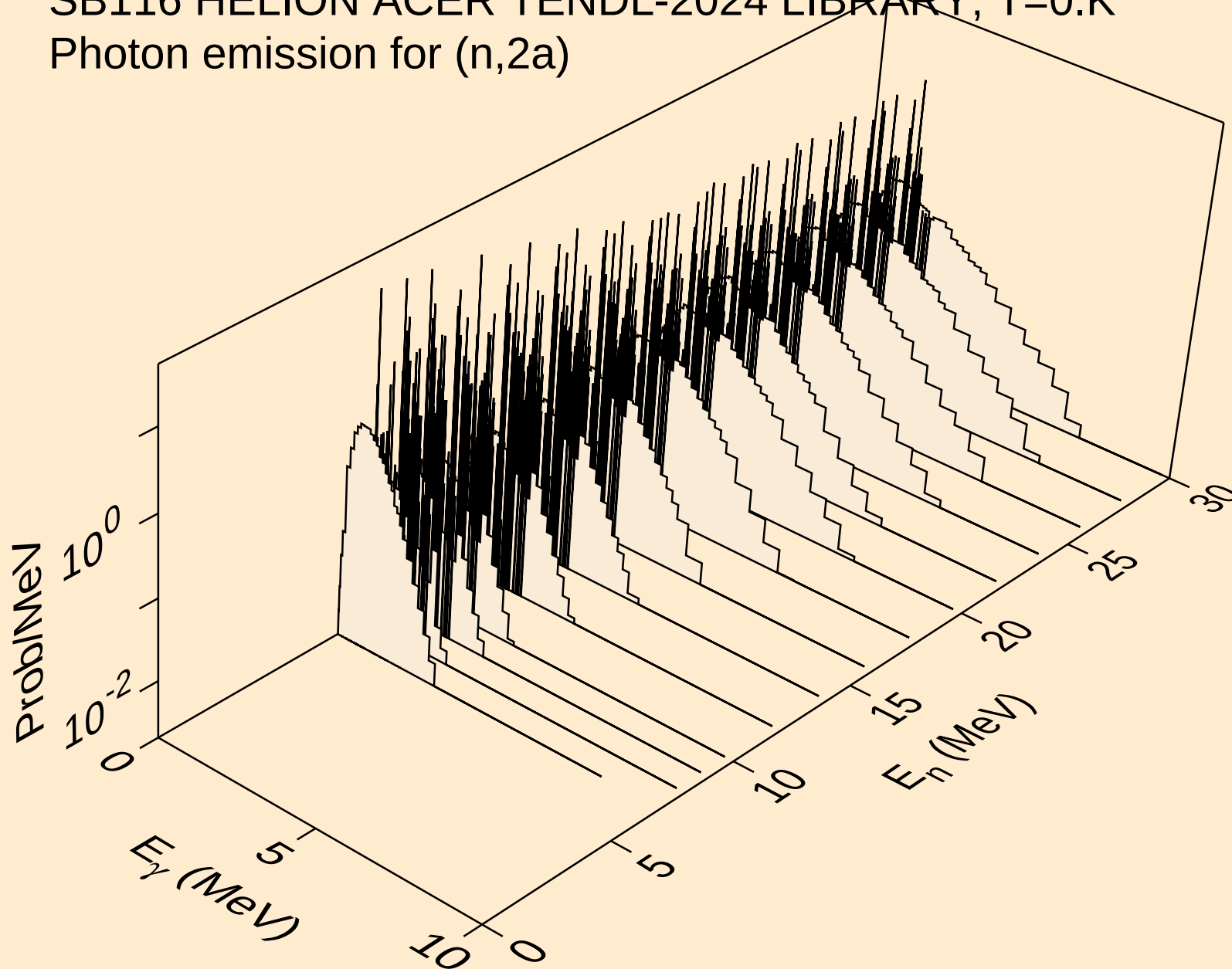




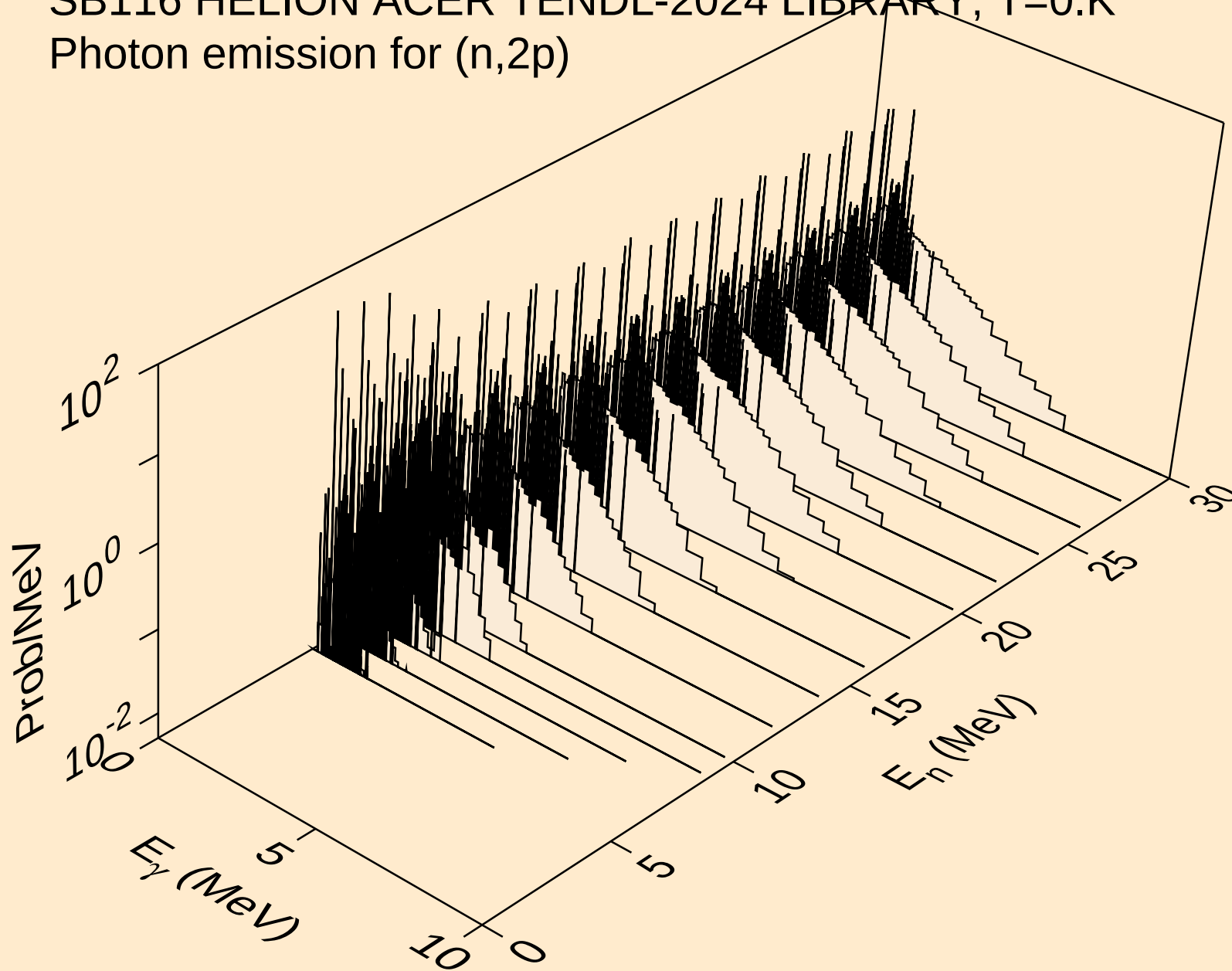
SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



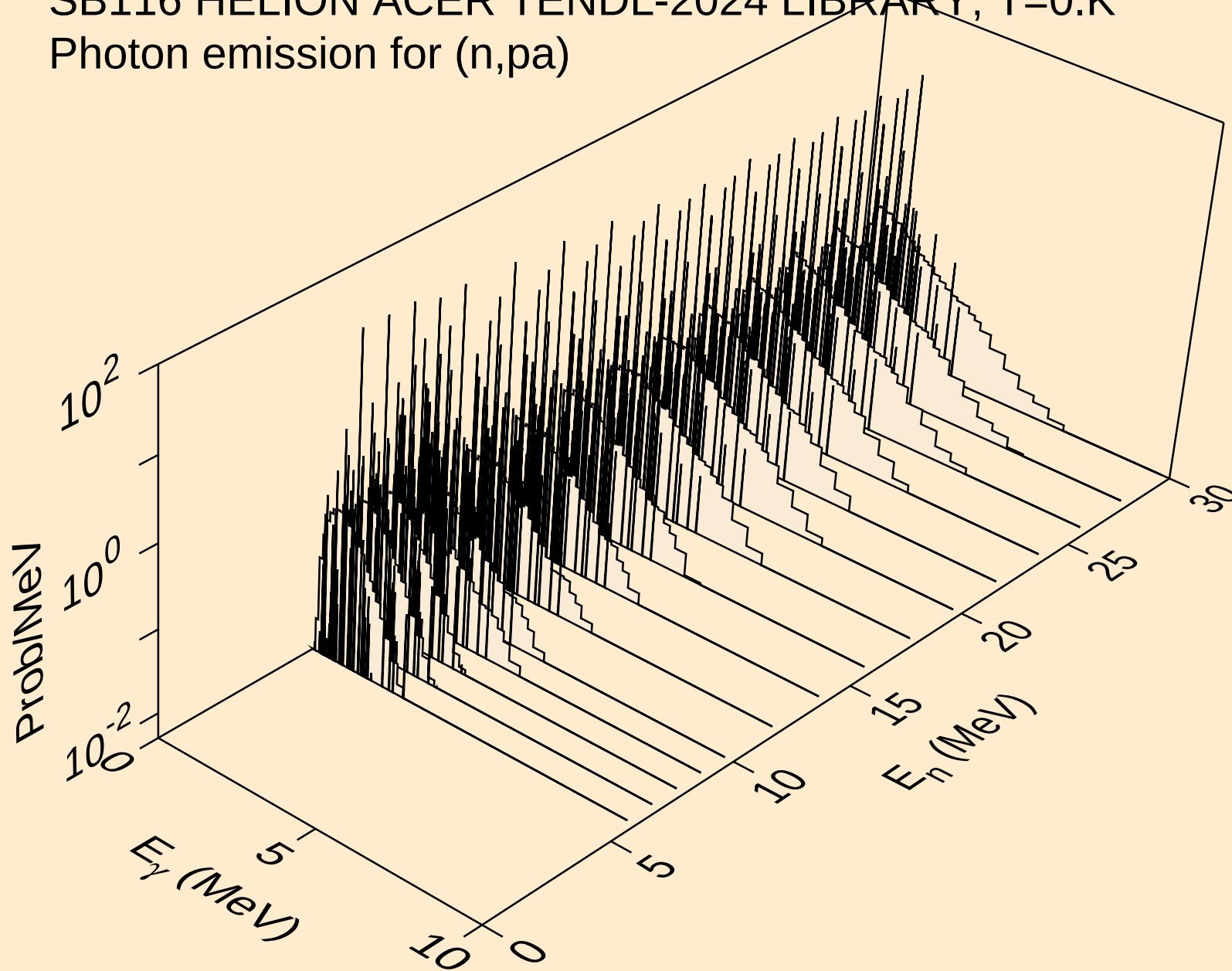
SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



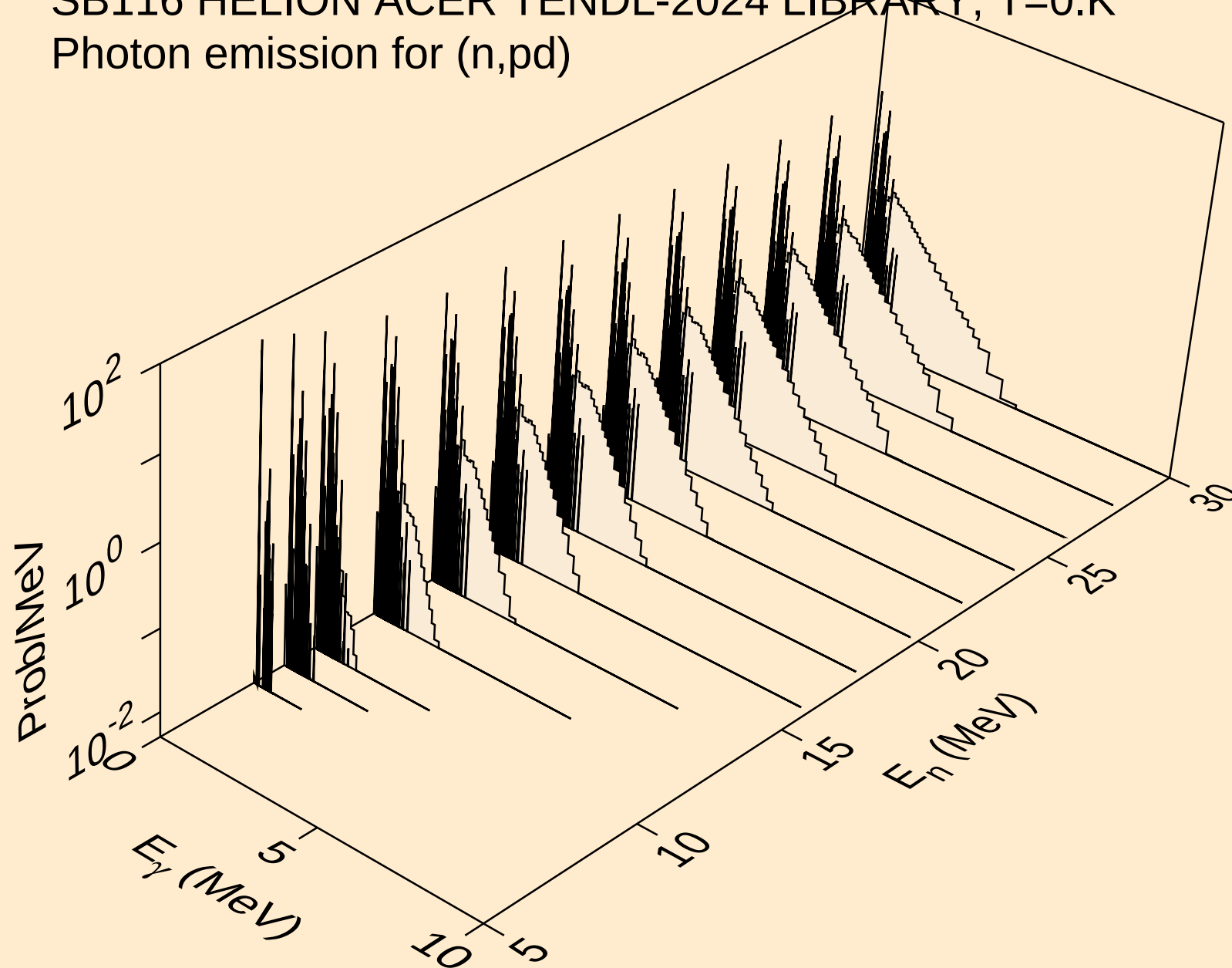
SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



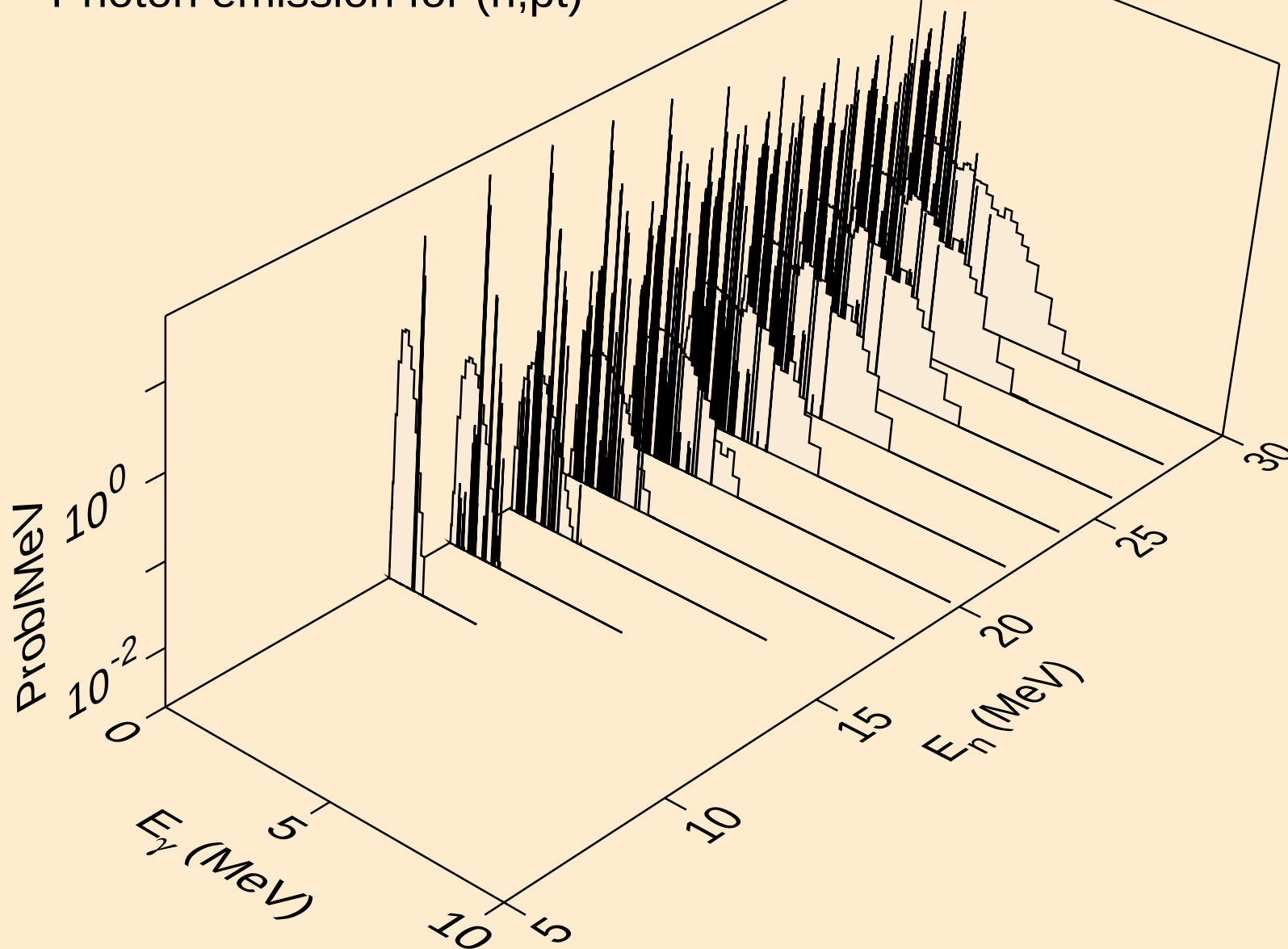
SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pa)



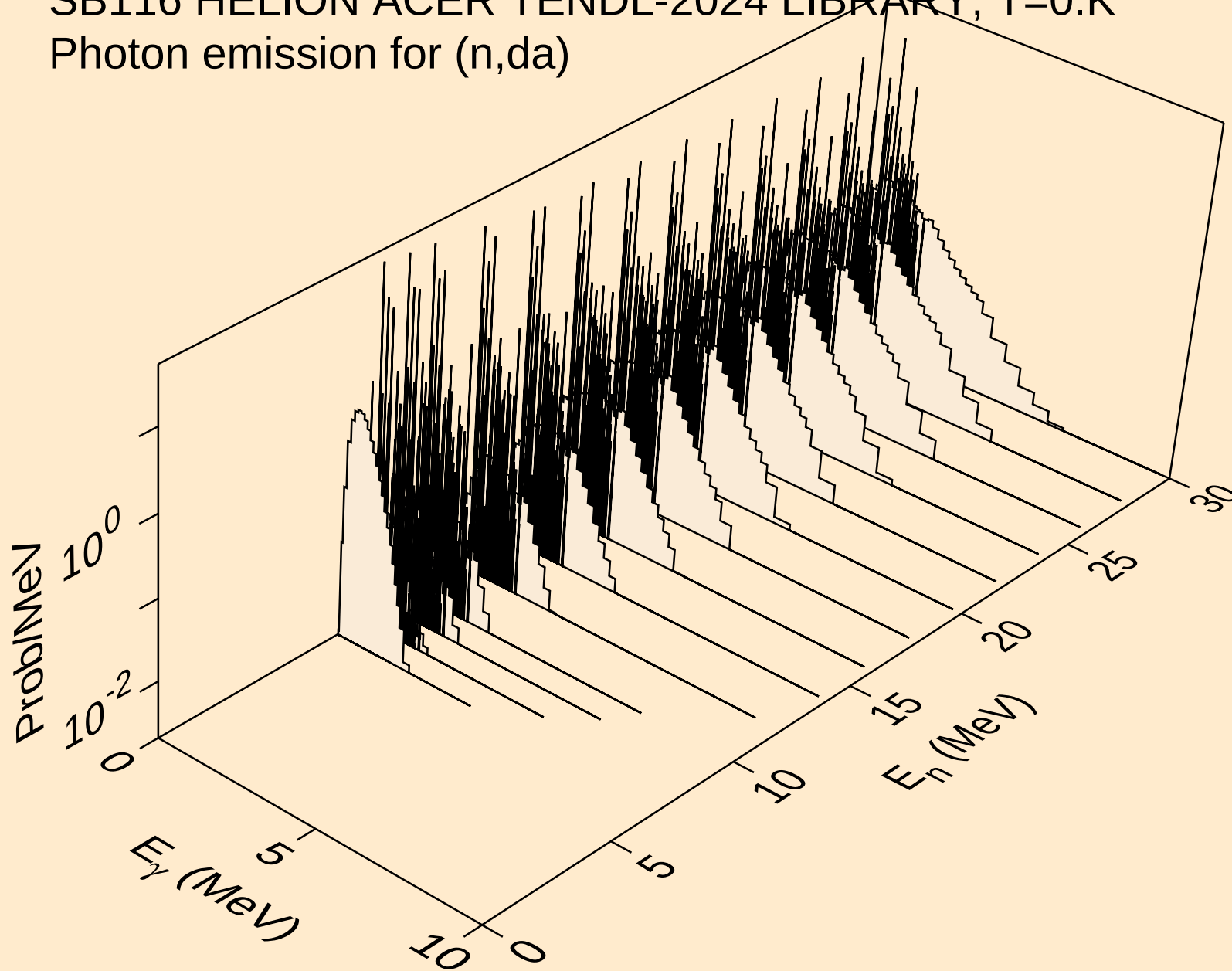
SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)

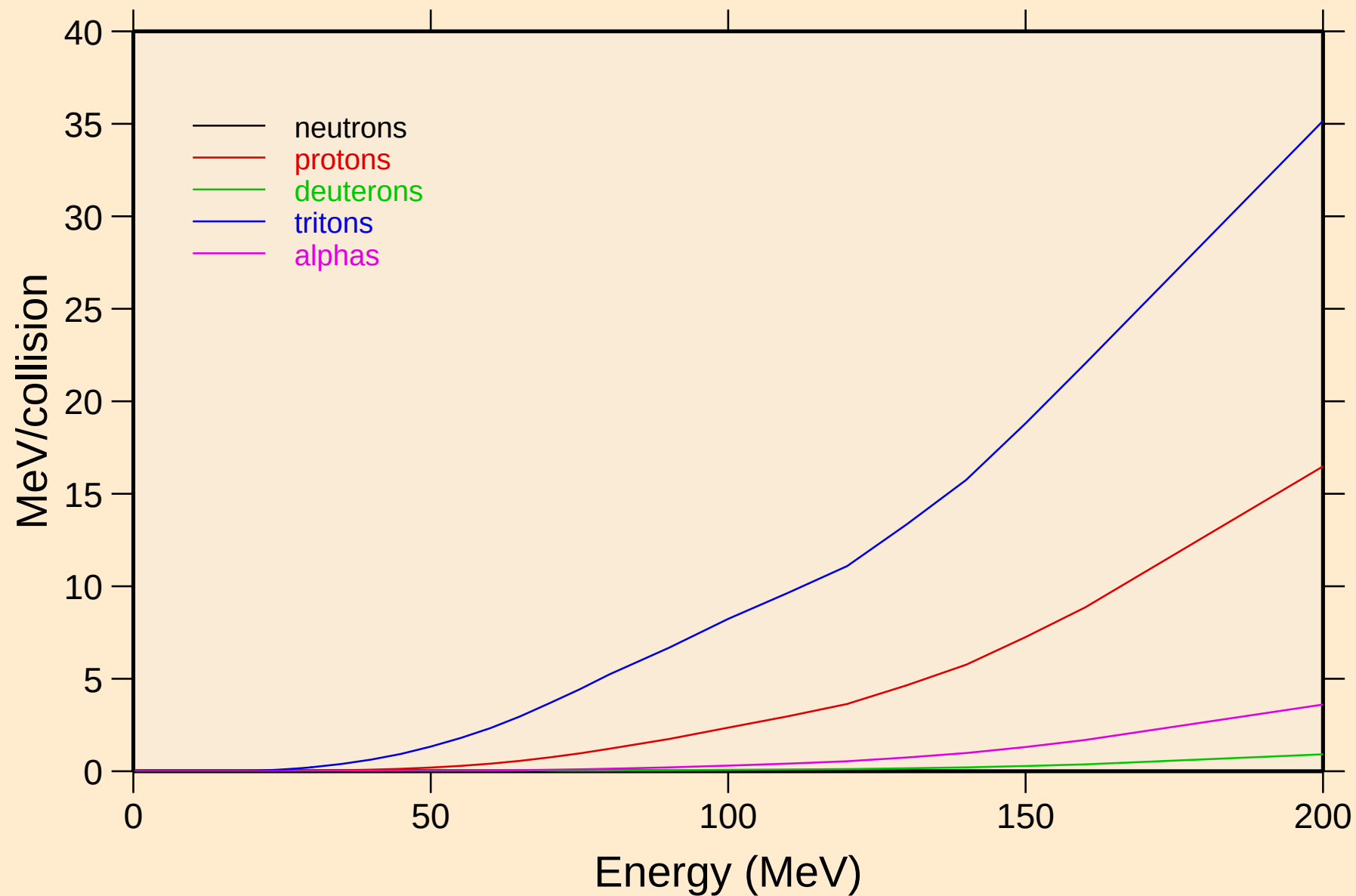


SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



# SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K

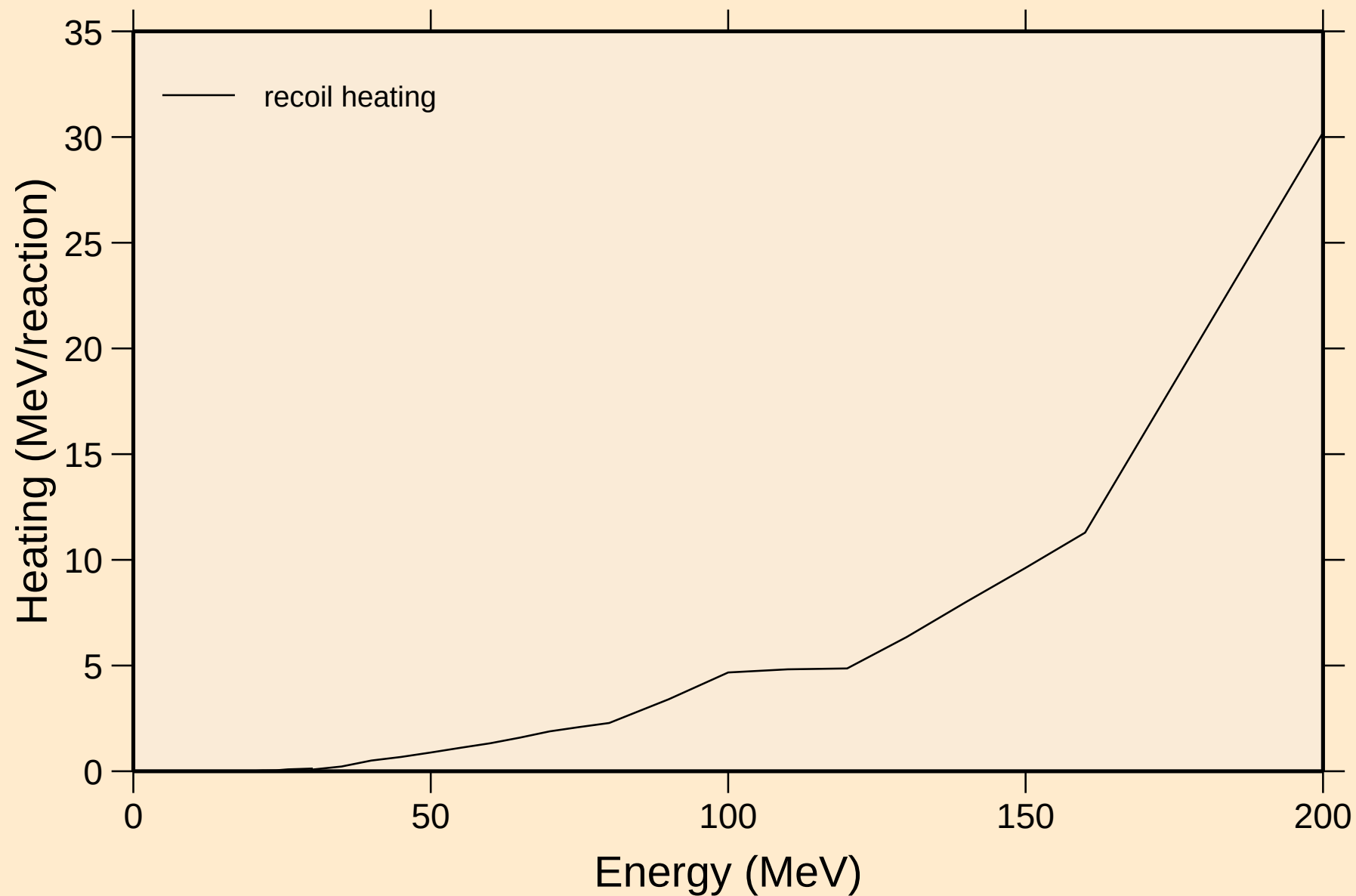
## Particle heating contributions





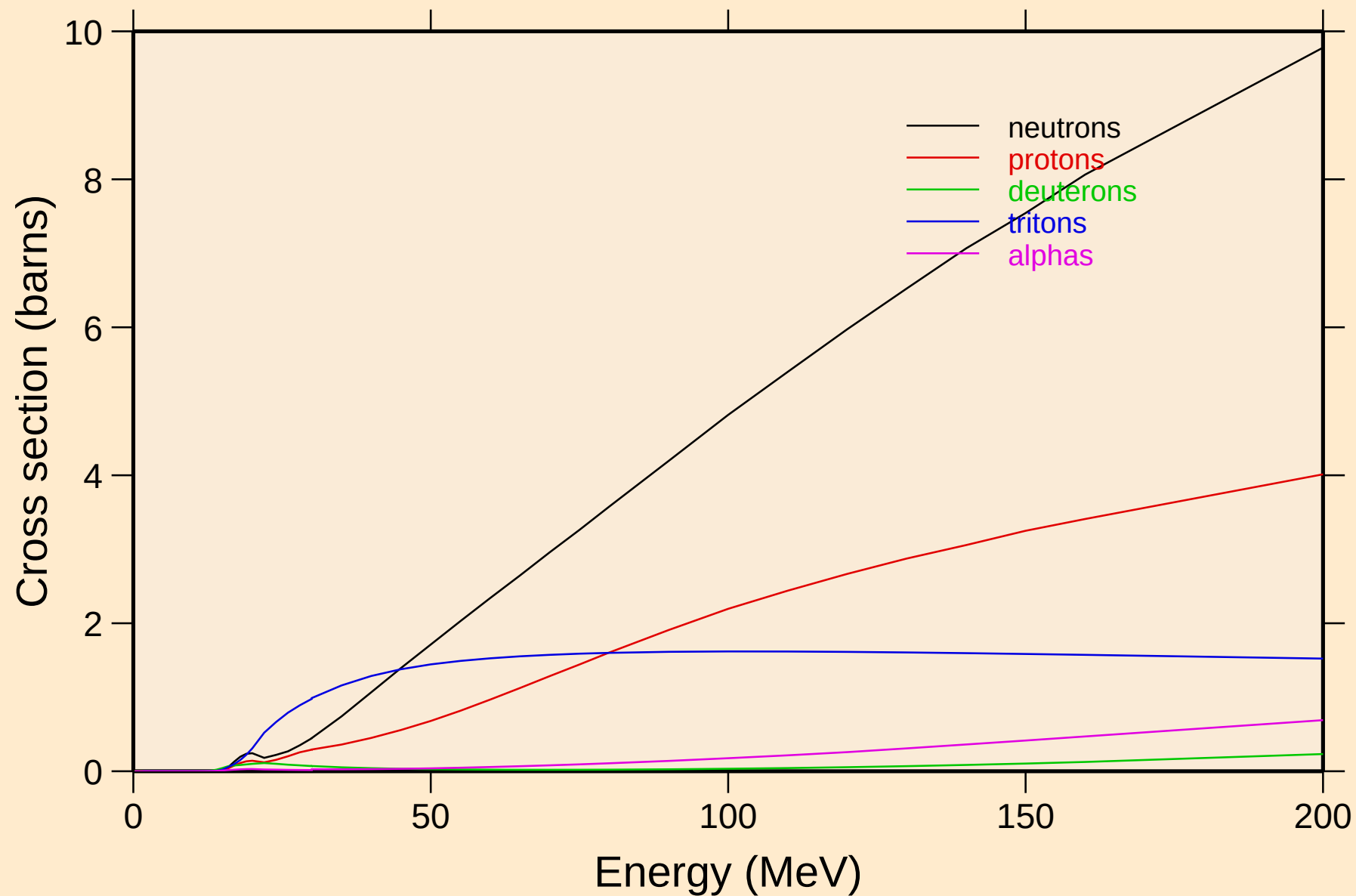
SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Recoil Heating

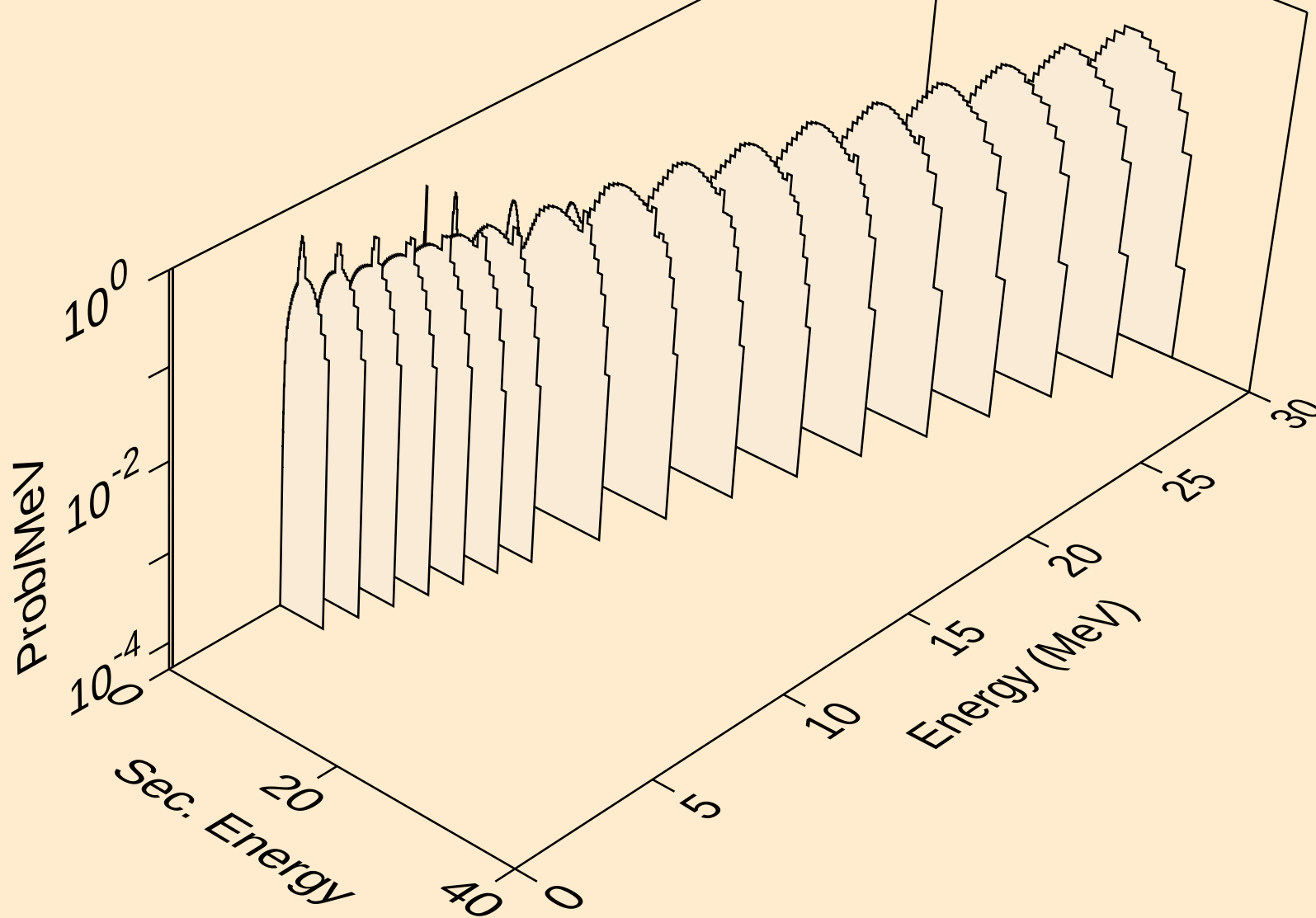


SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K

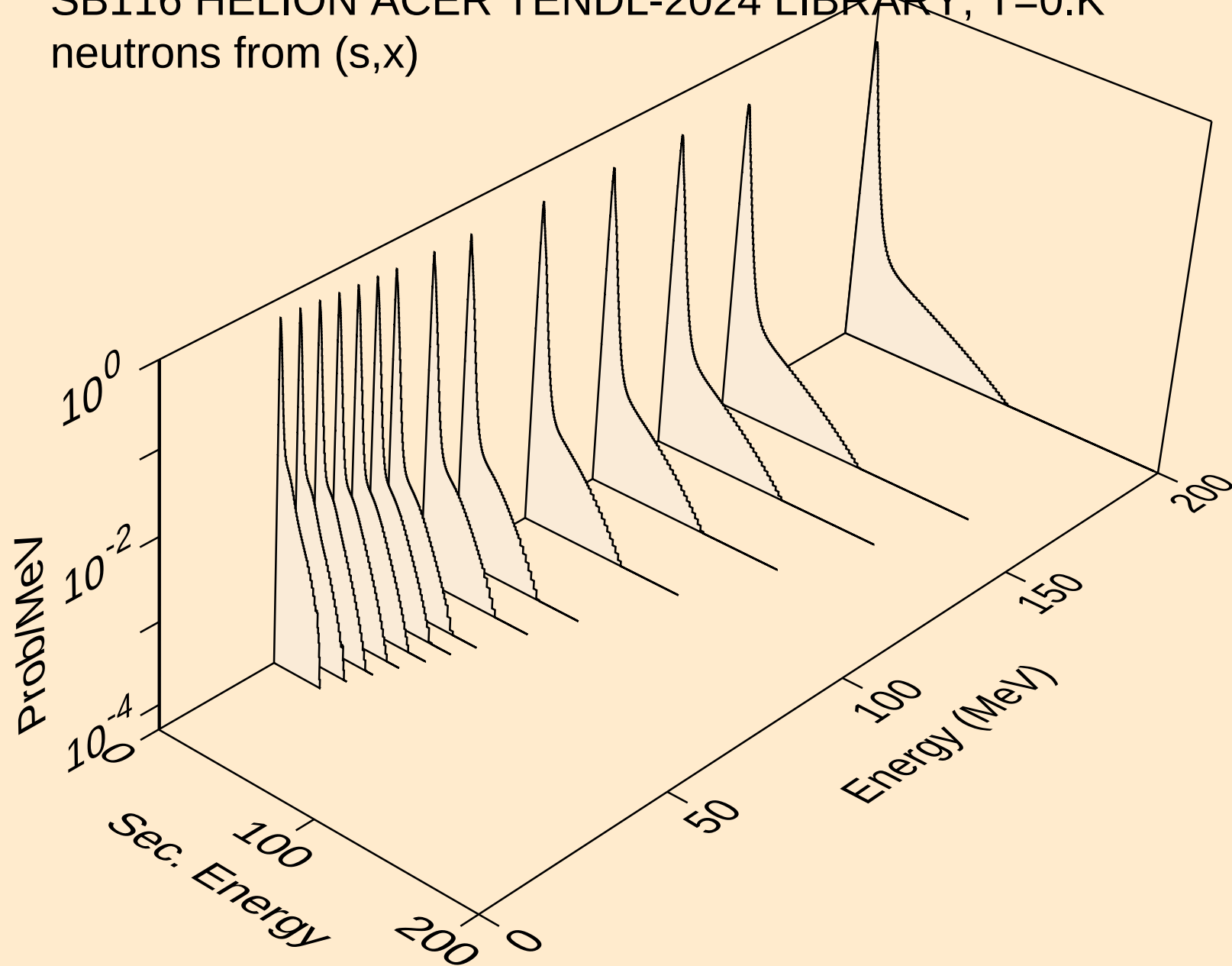
Particle production cross sections



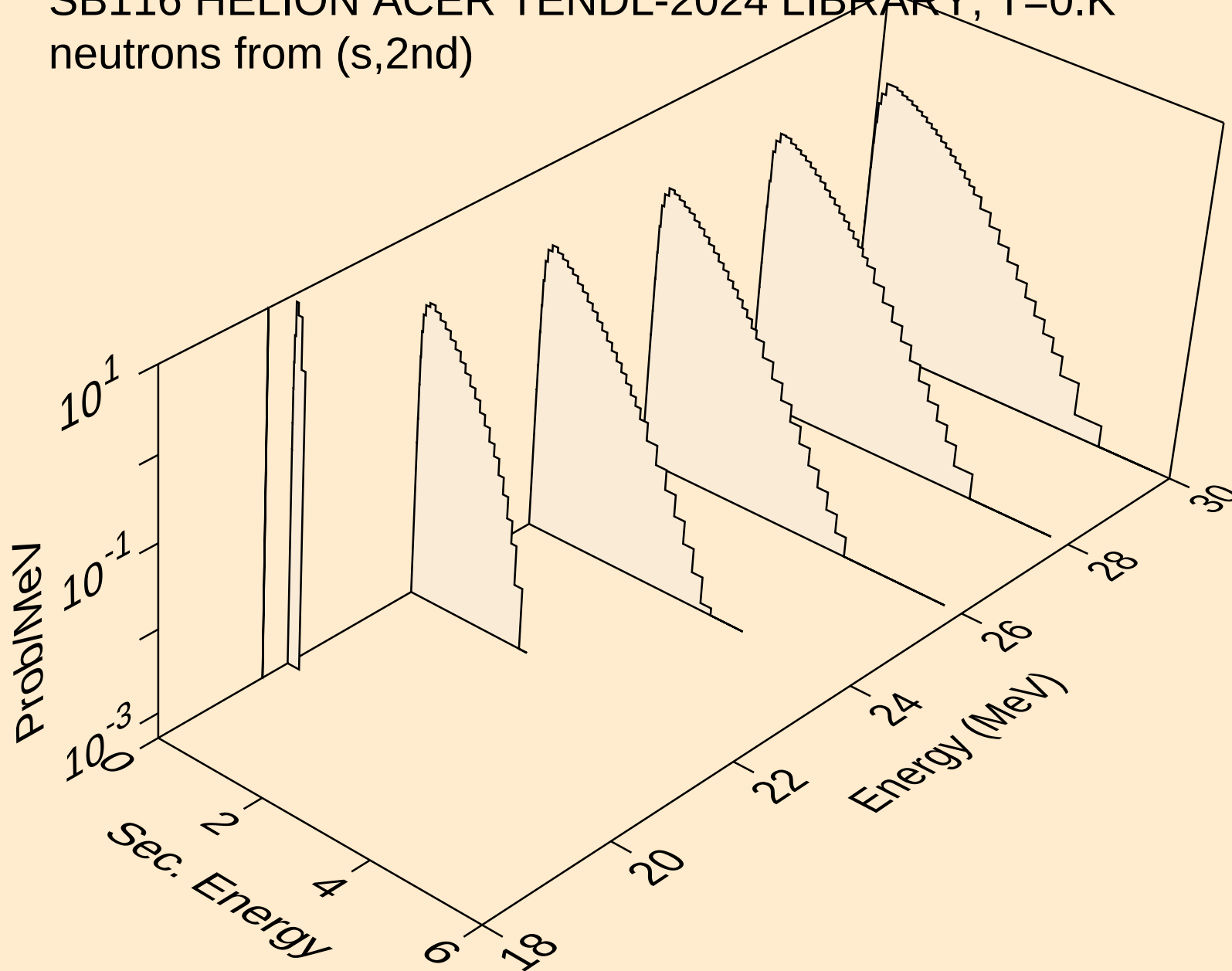
SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n)



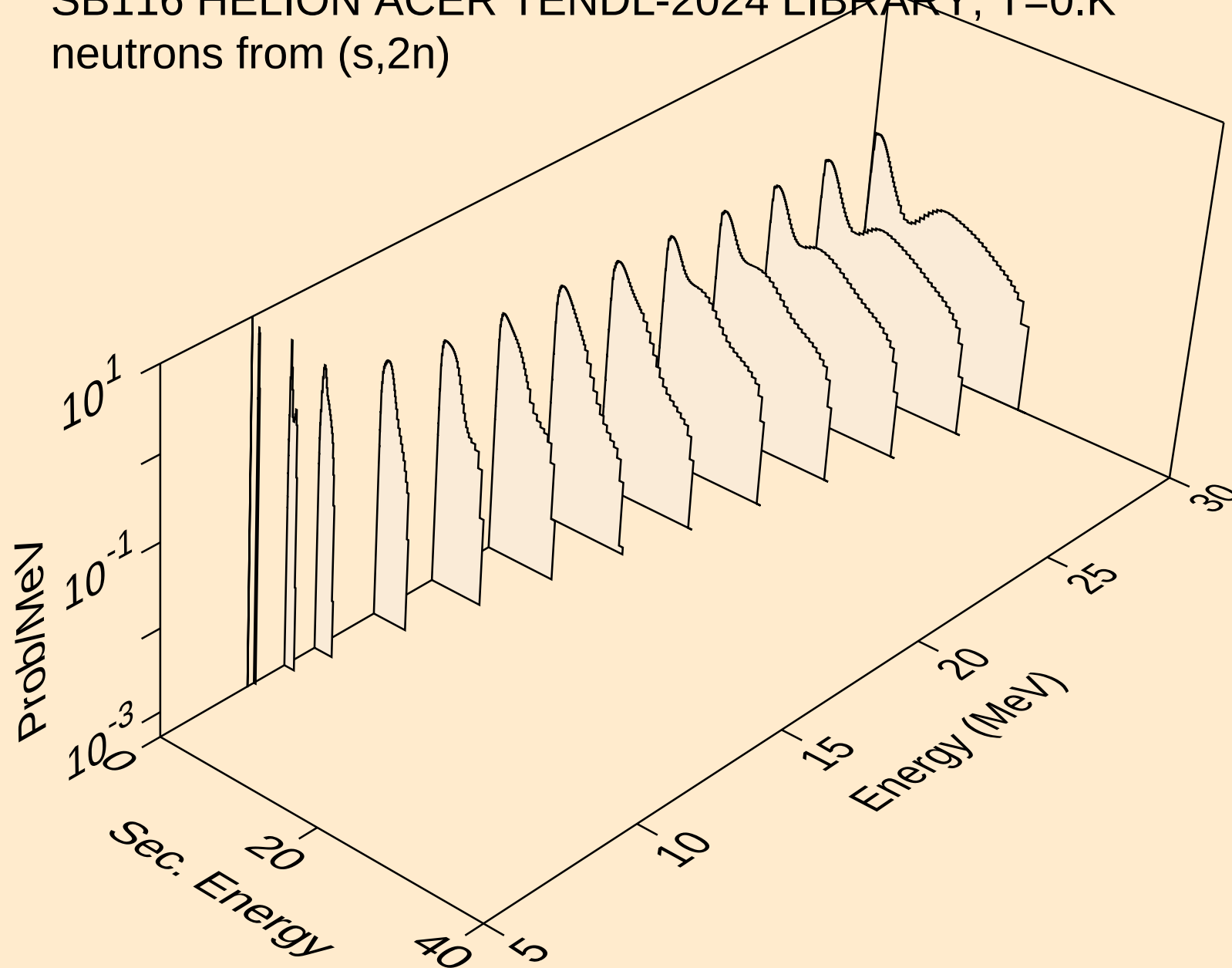
SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,x)



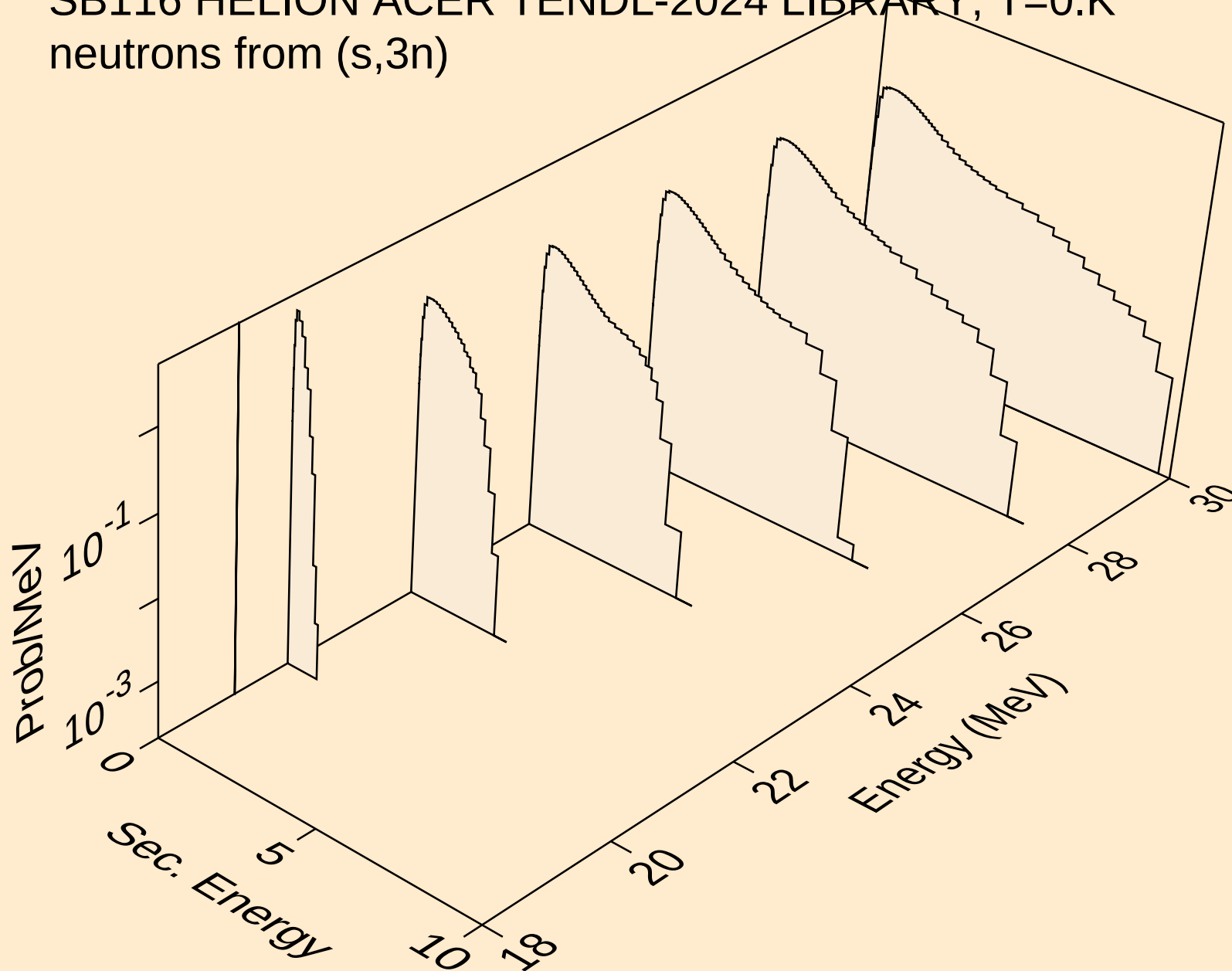
SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2nd)



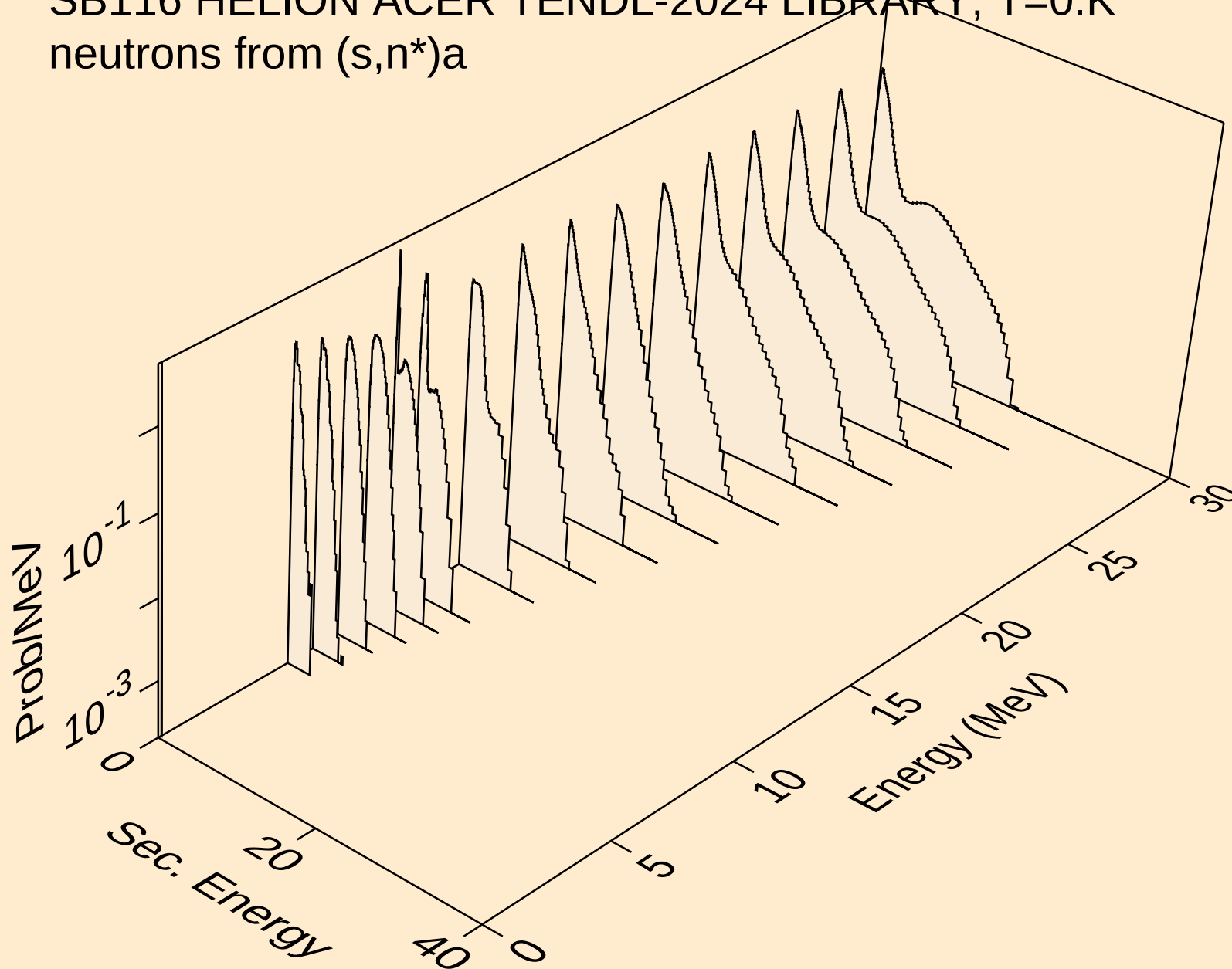
SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2n)



SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,3n)

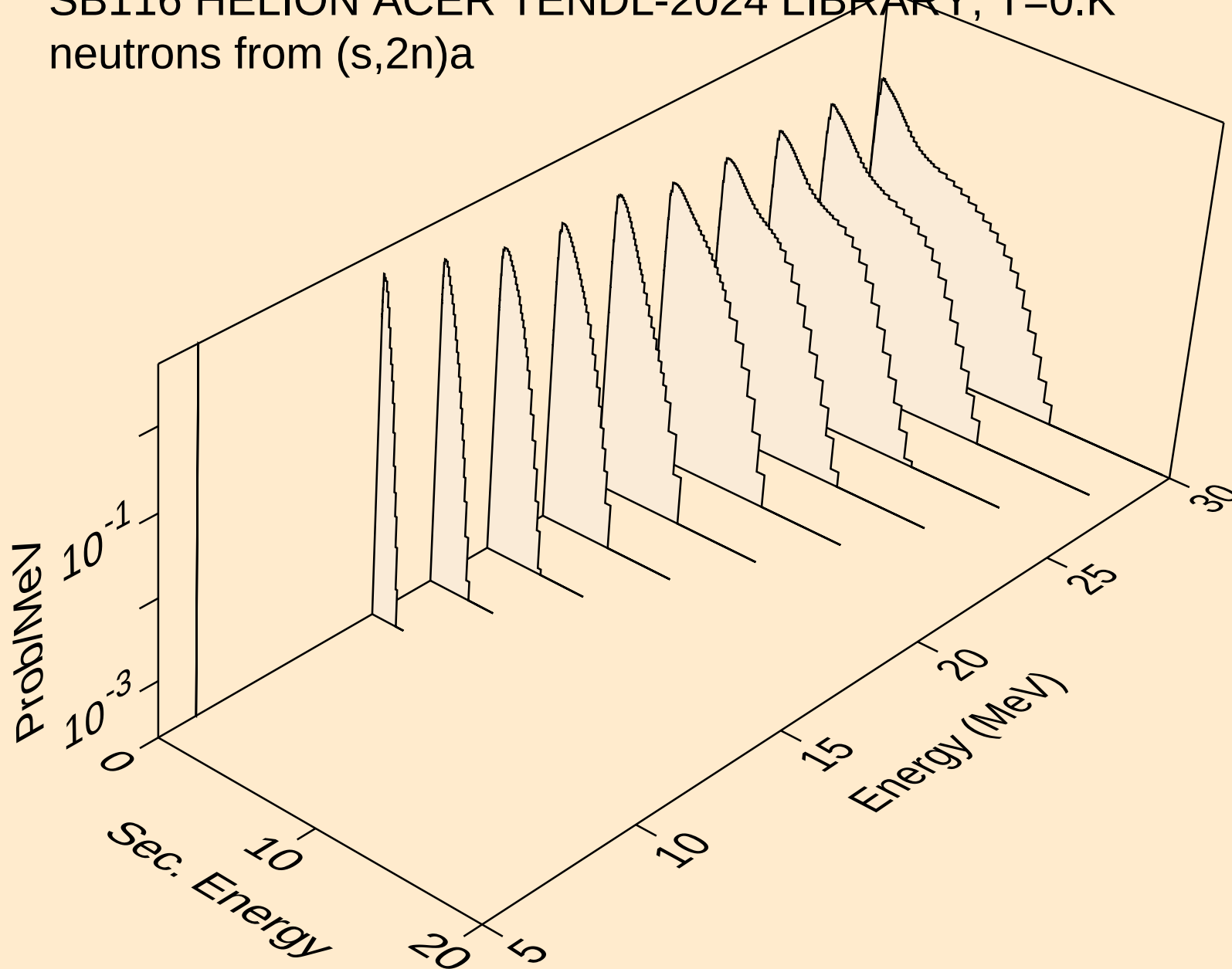


SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)a

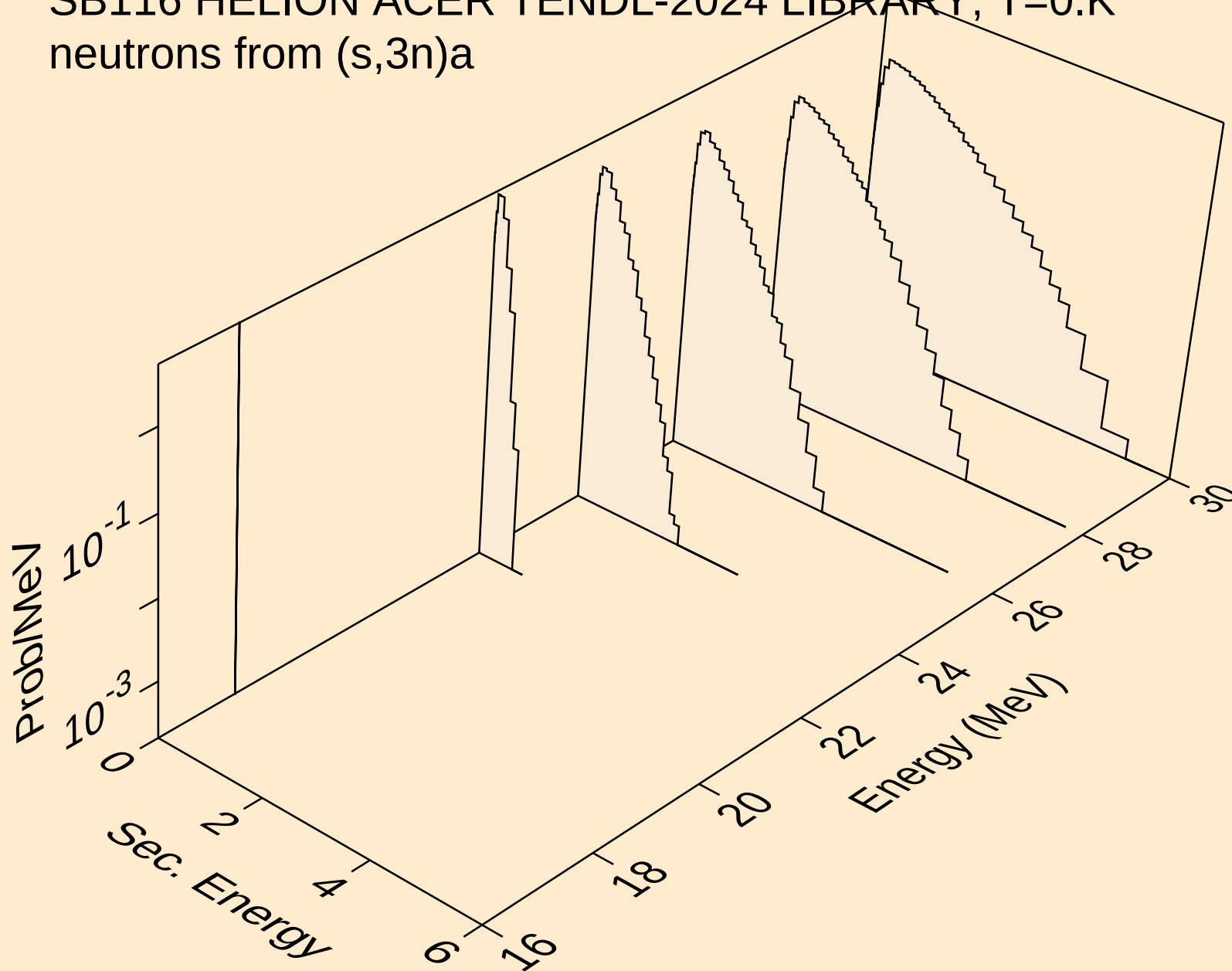




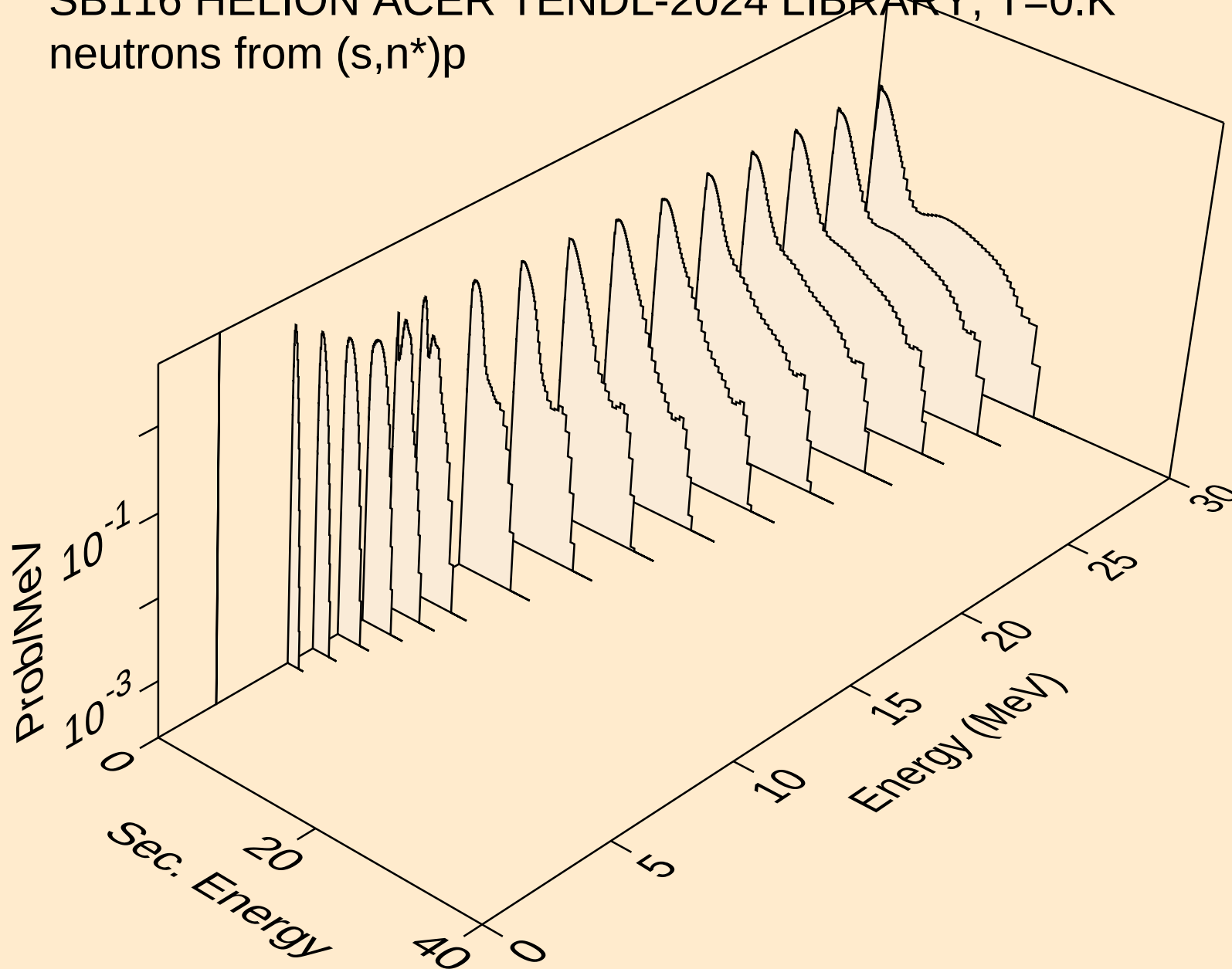
SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2n)a



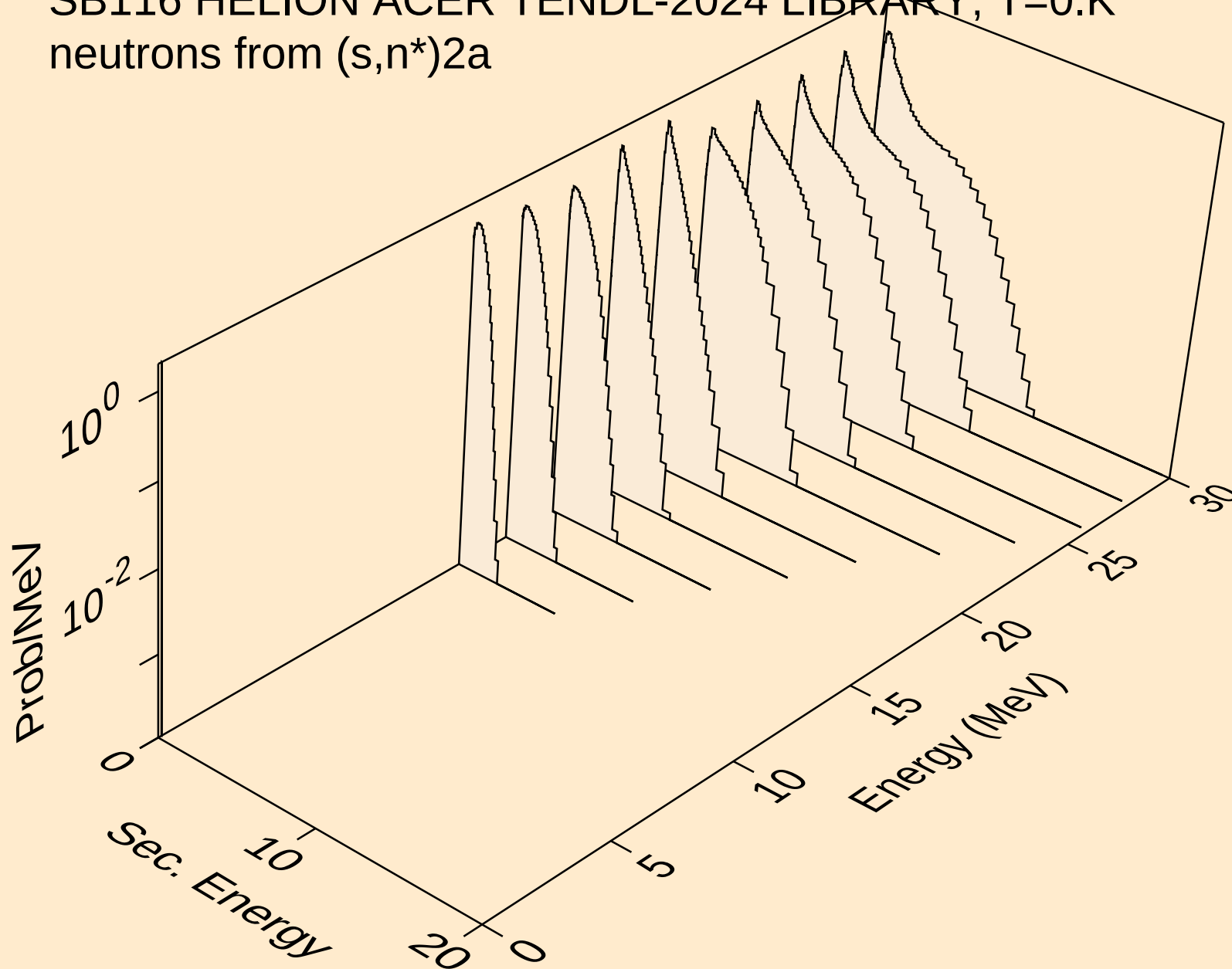
SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,3n)a



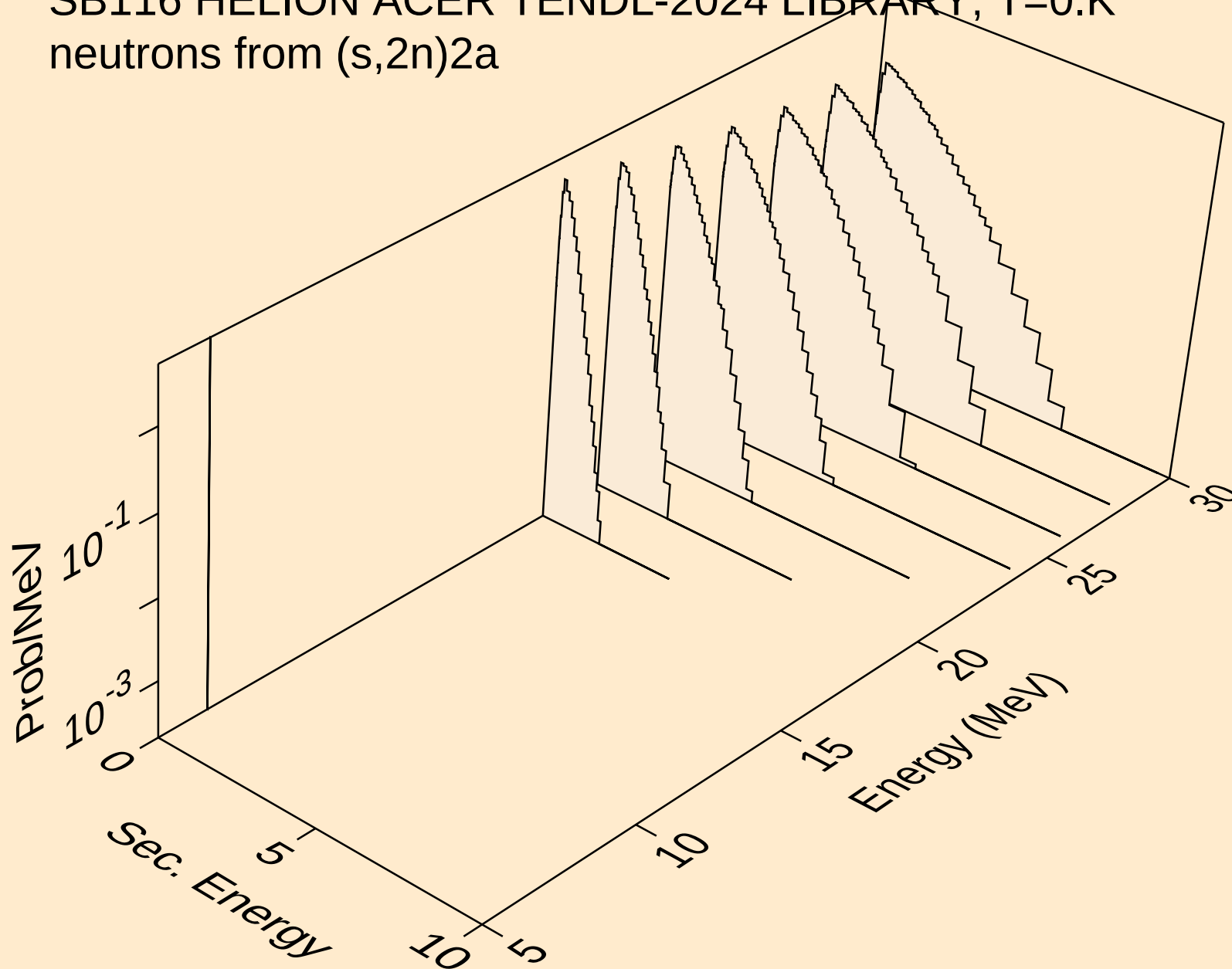
SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)p



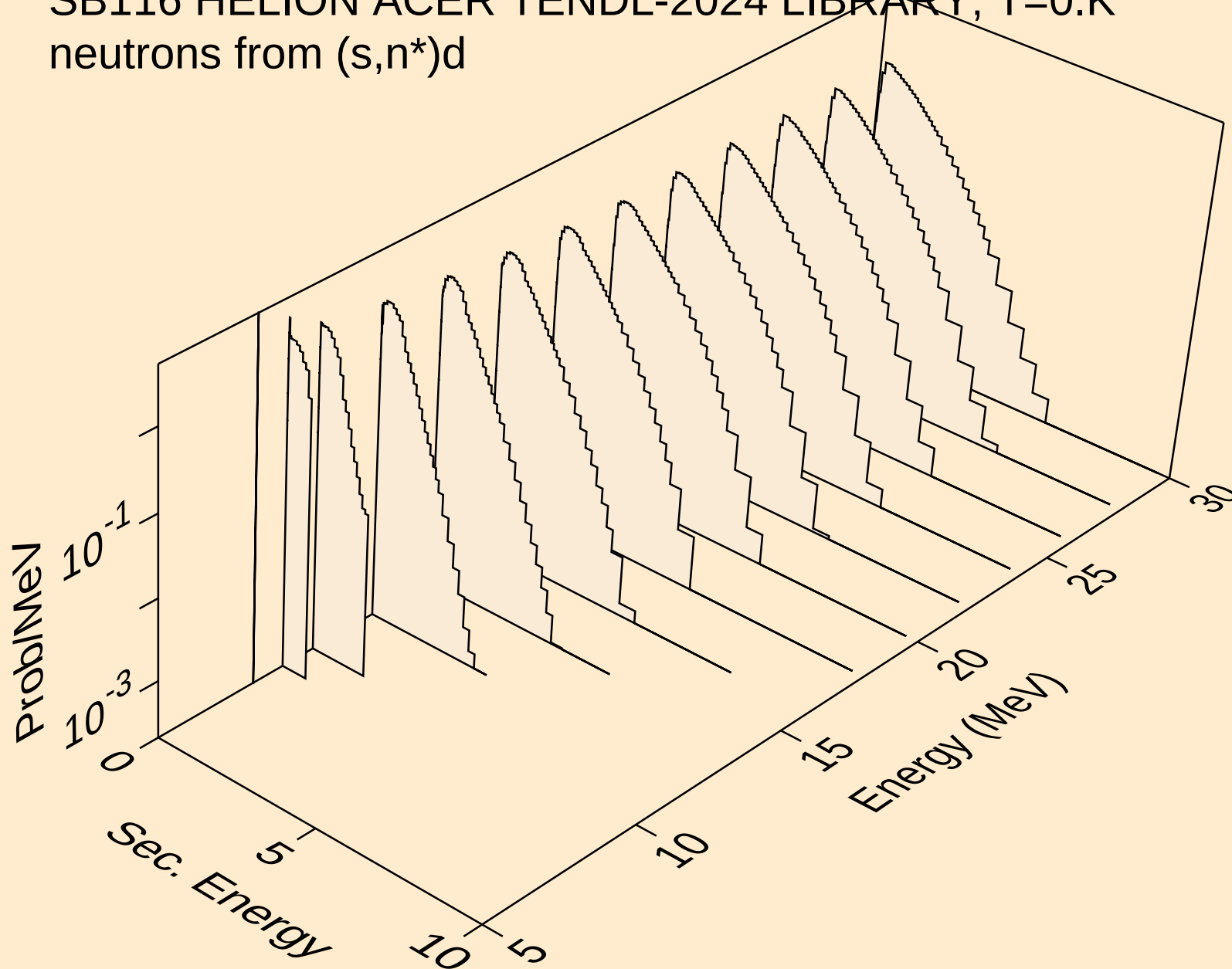
SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)2a



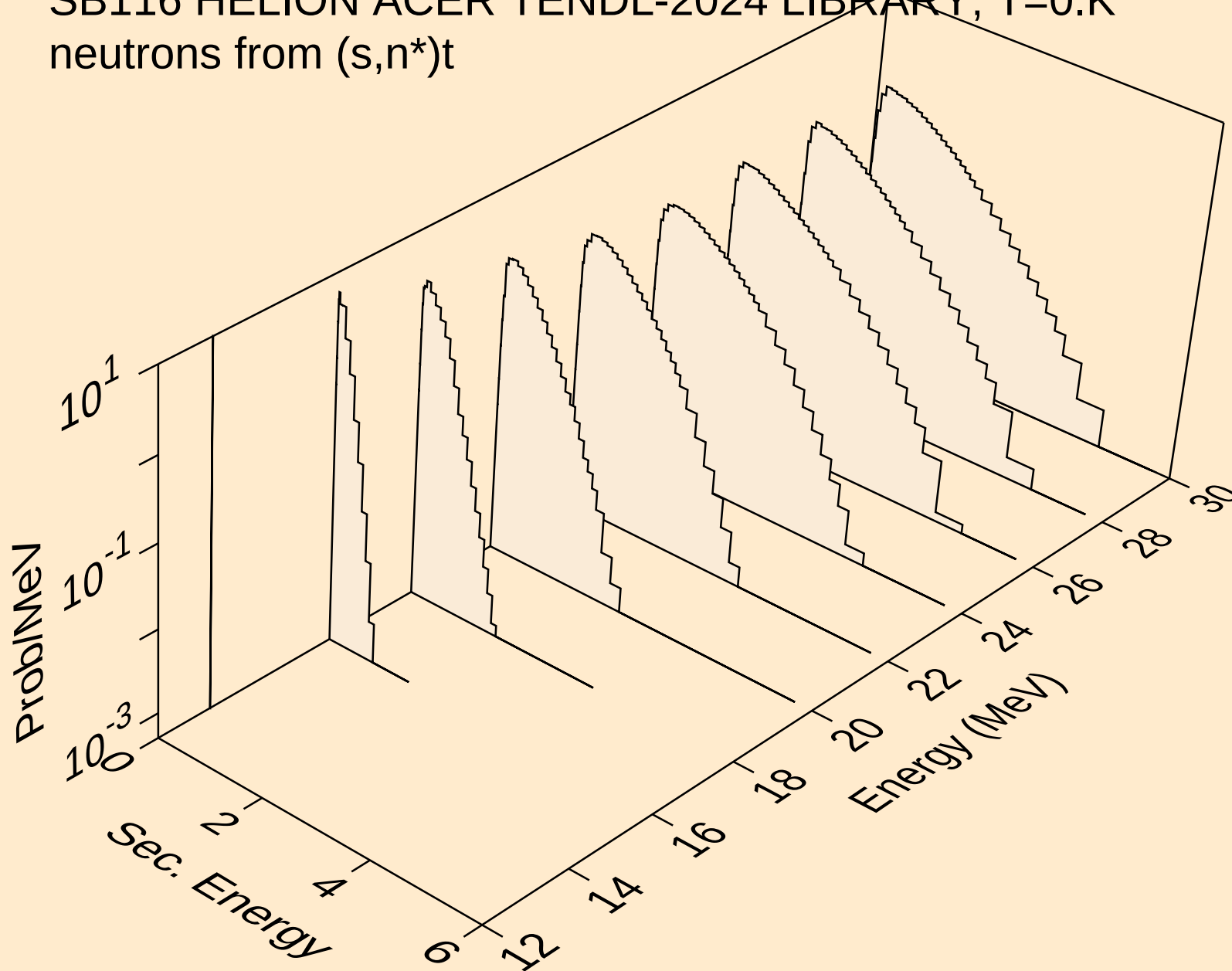
SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2n)2a



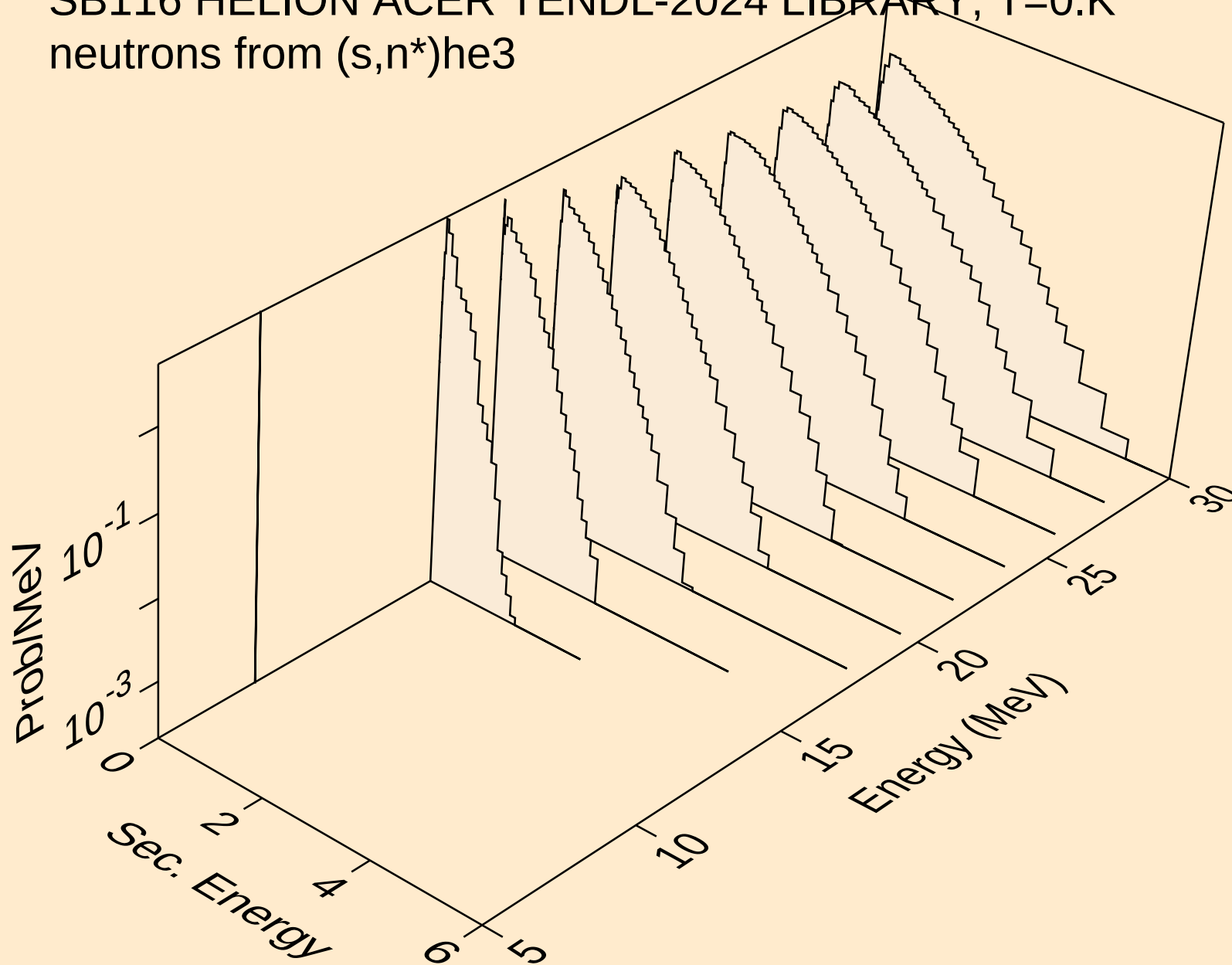
SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)d



SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)t

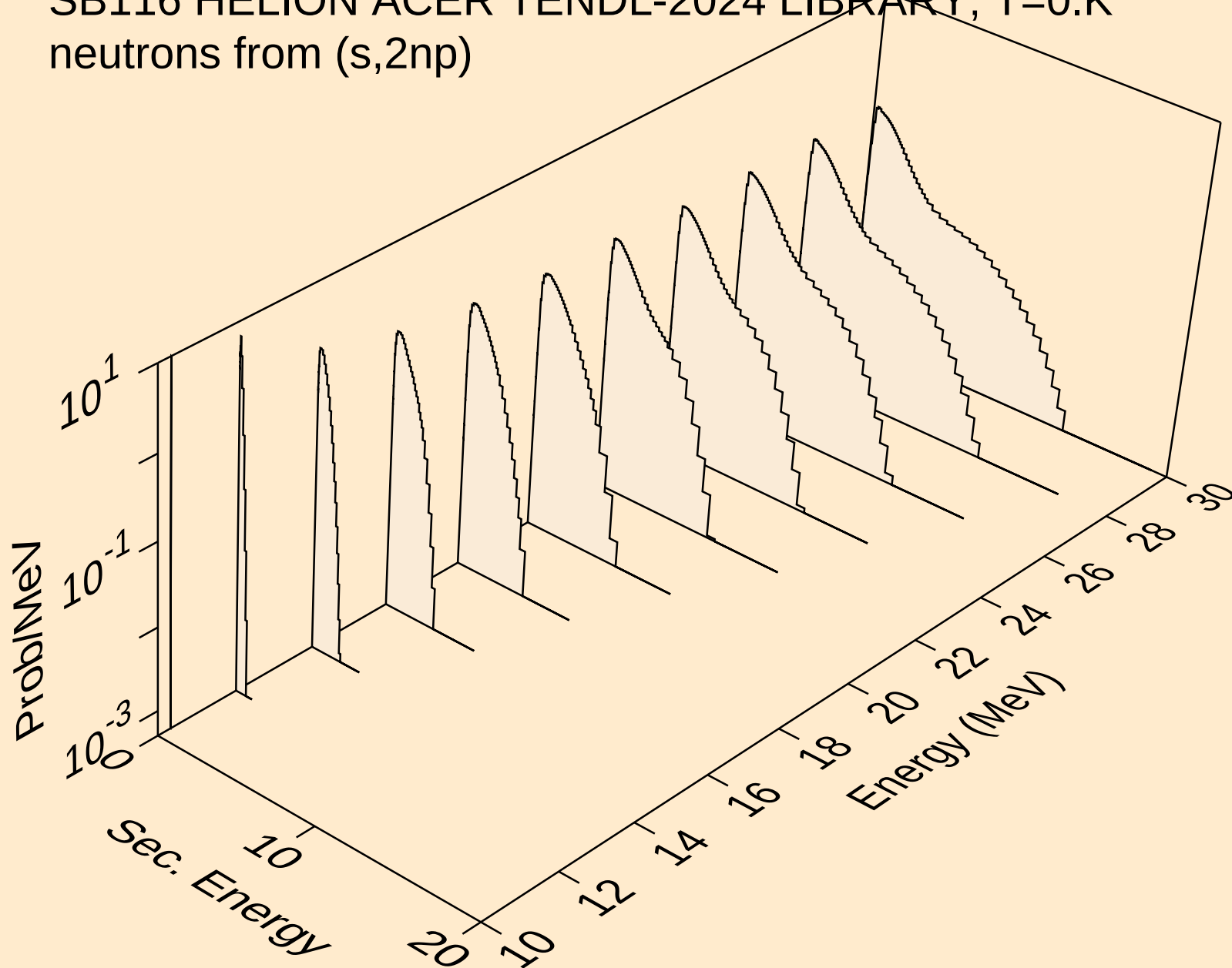


SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)he3

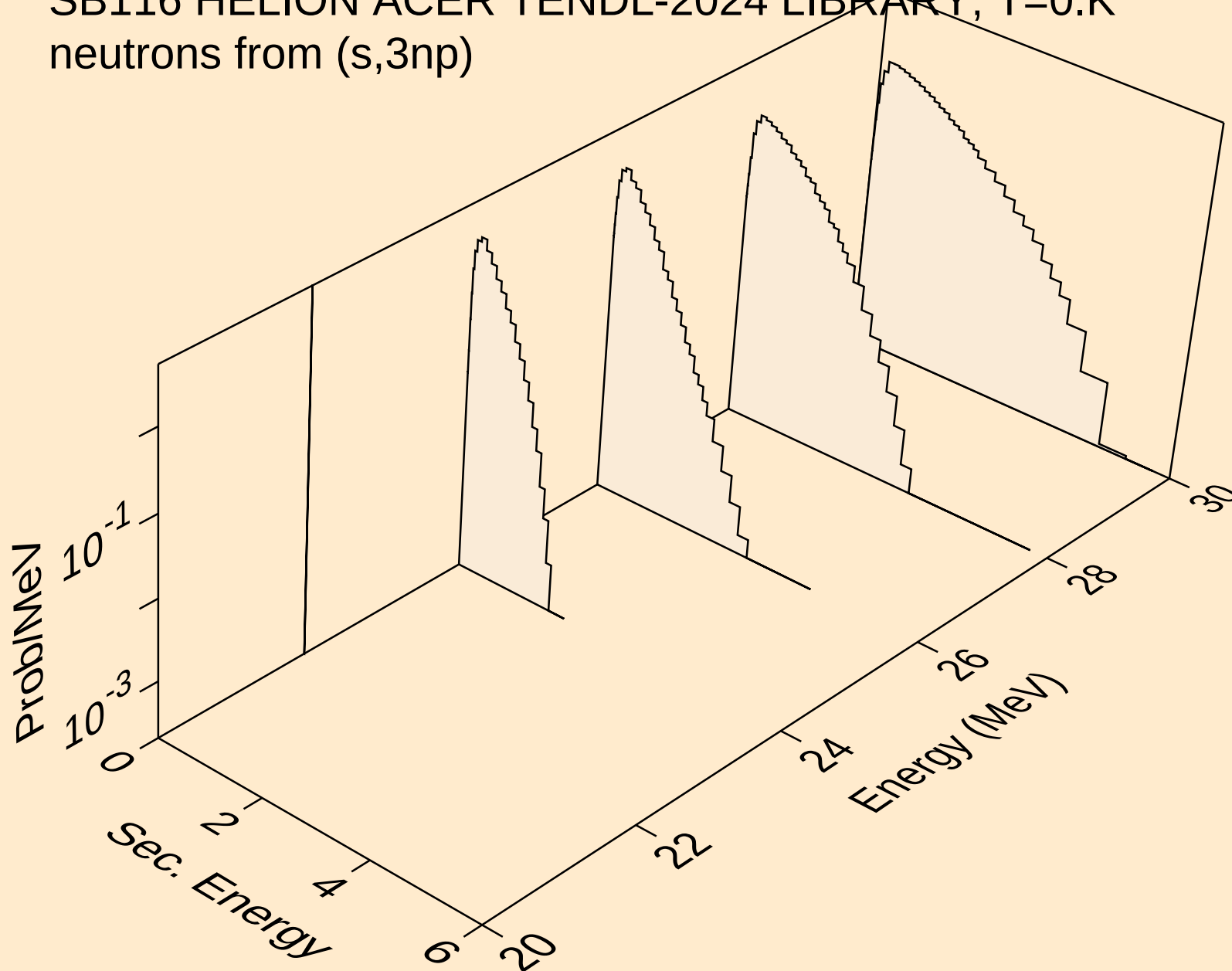




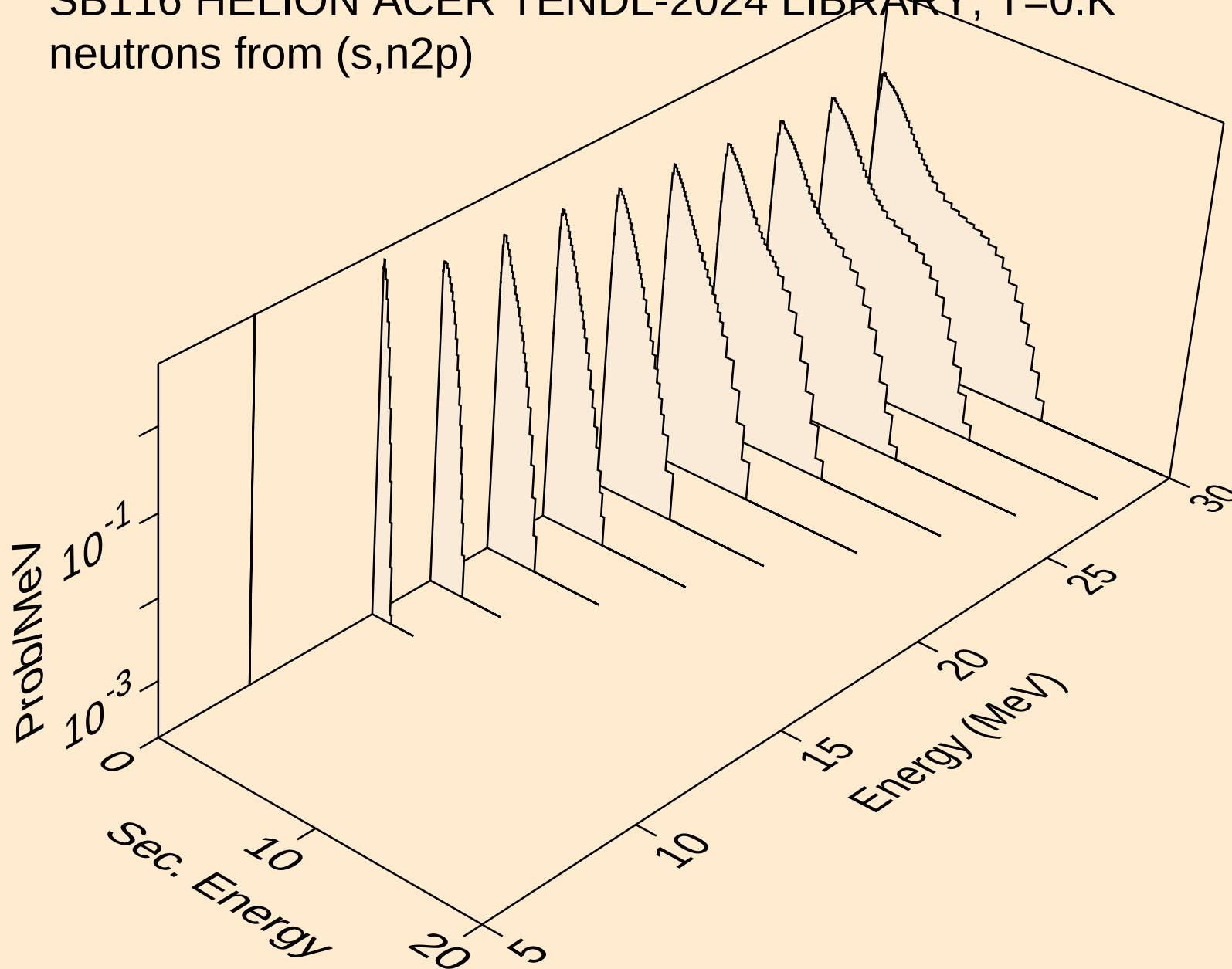
SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2np)



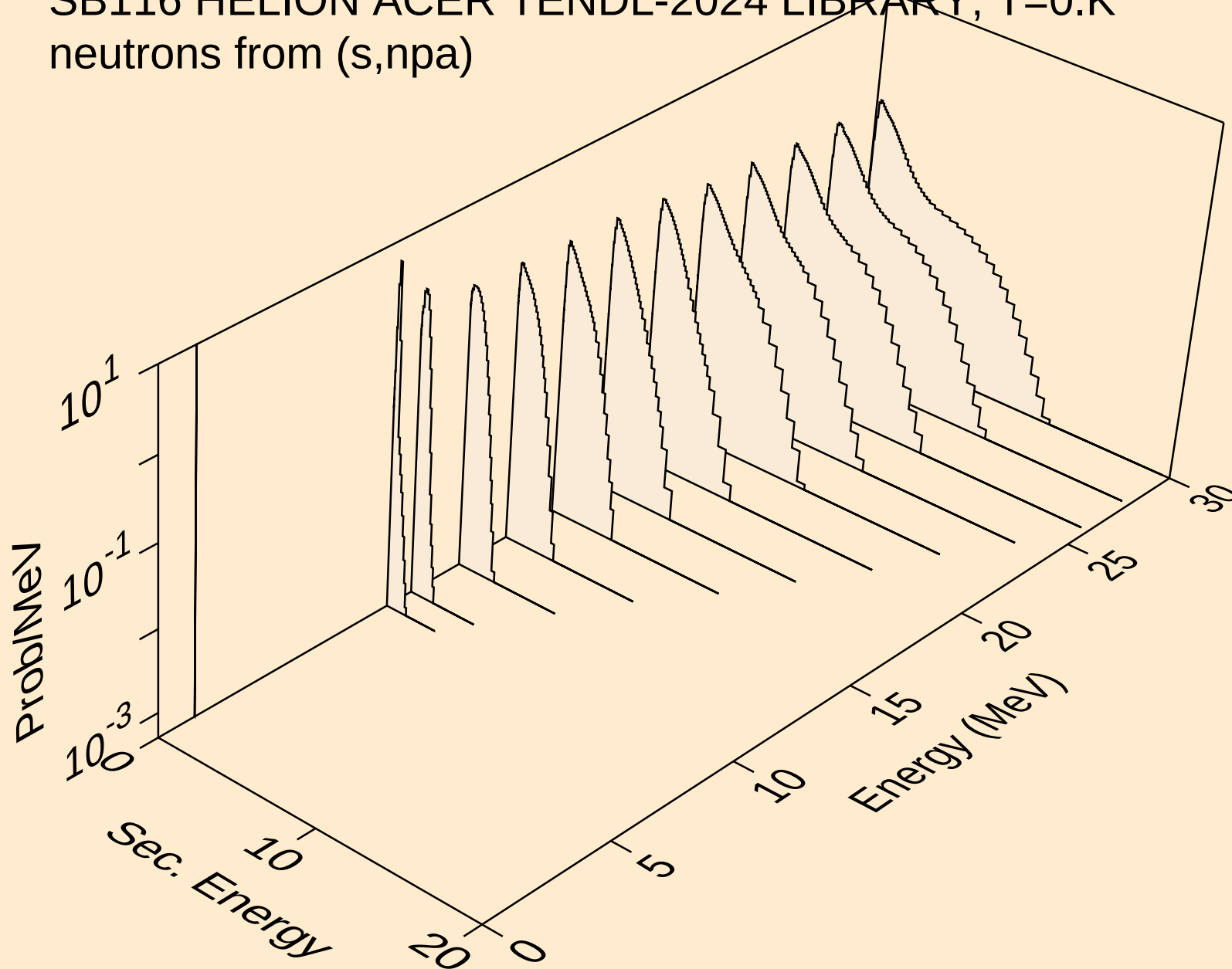
SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,3np)



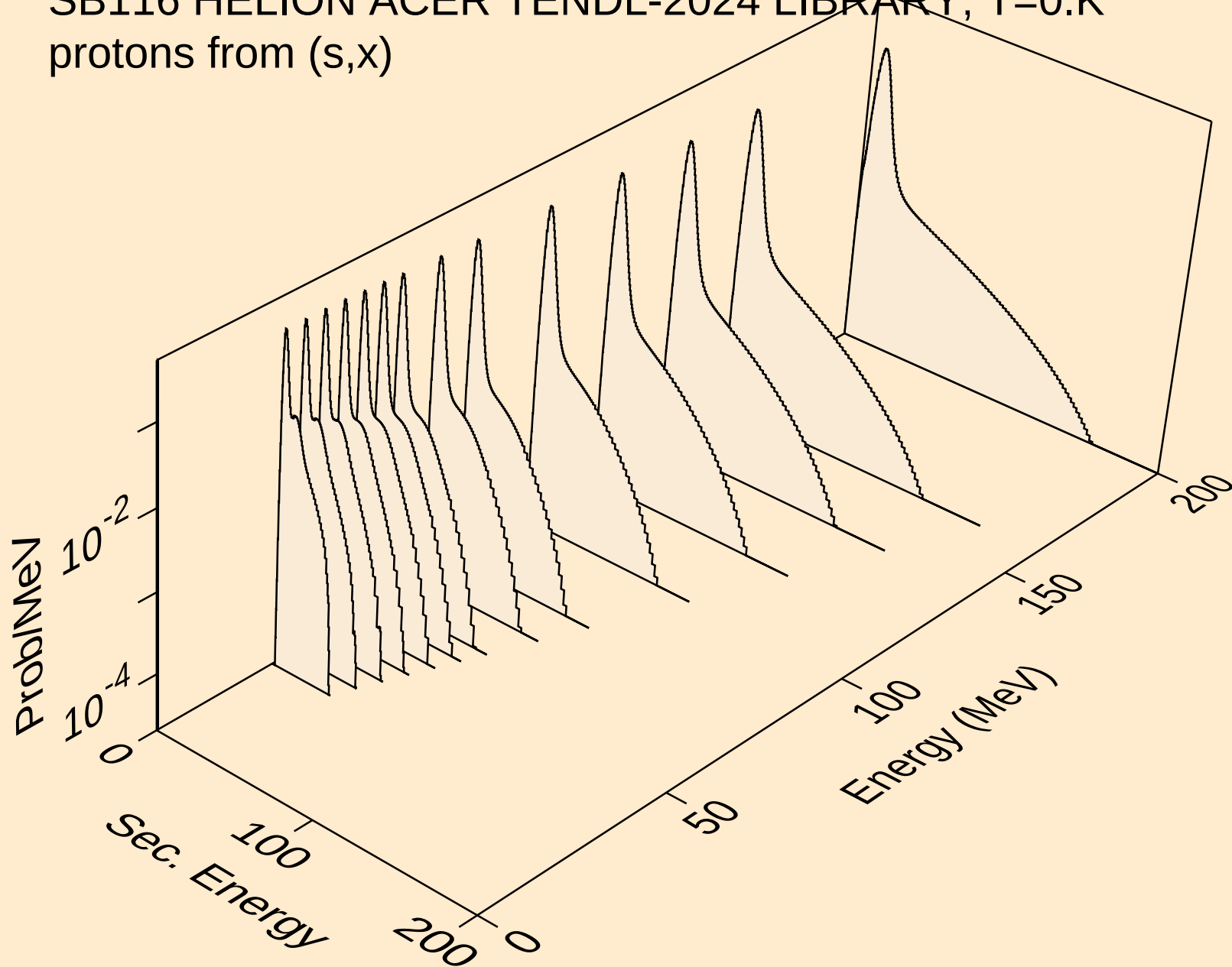
SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n2p)



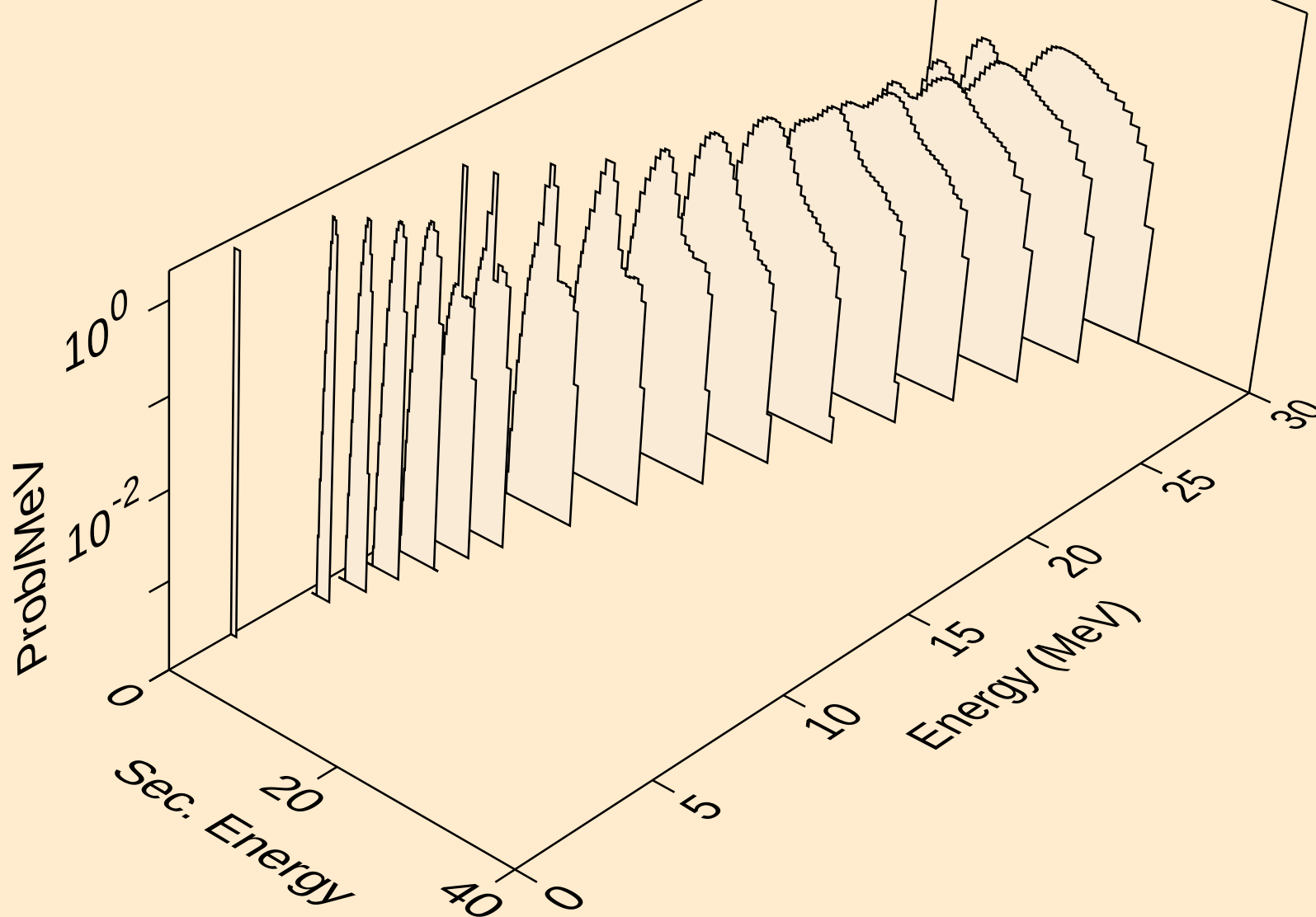
SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,npa)



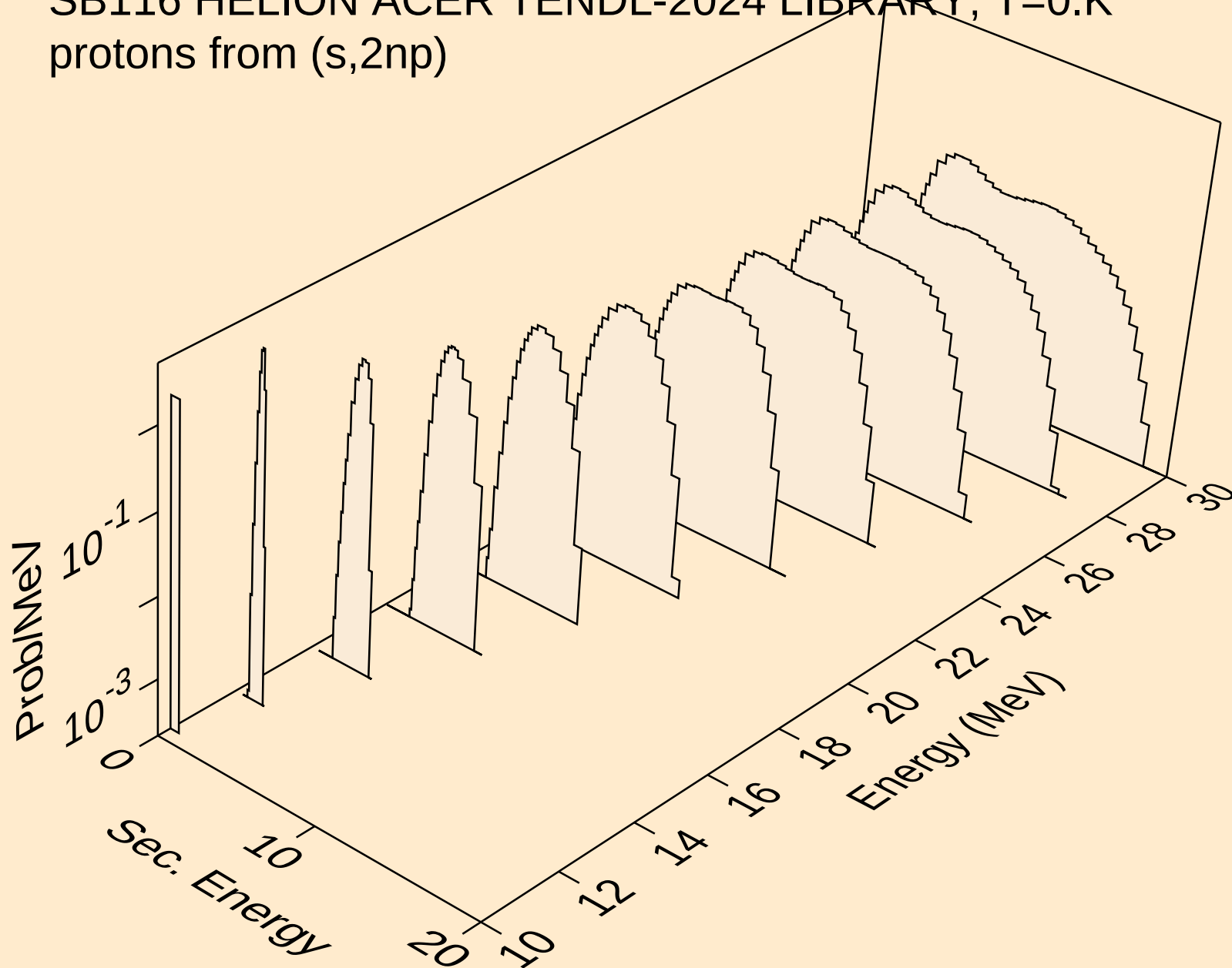
SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,x)



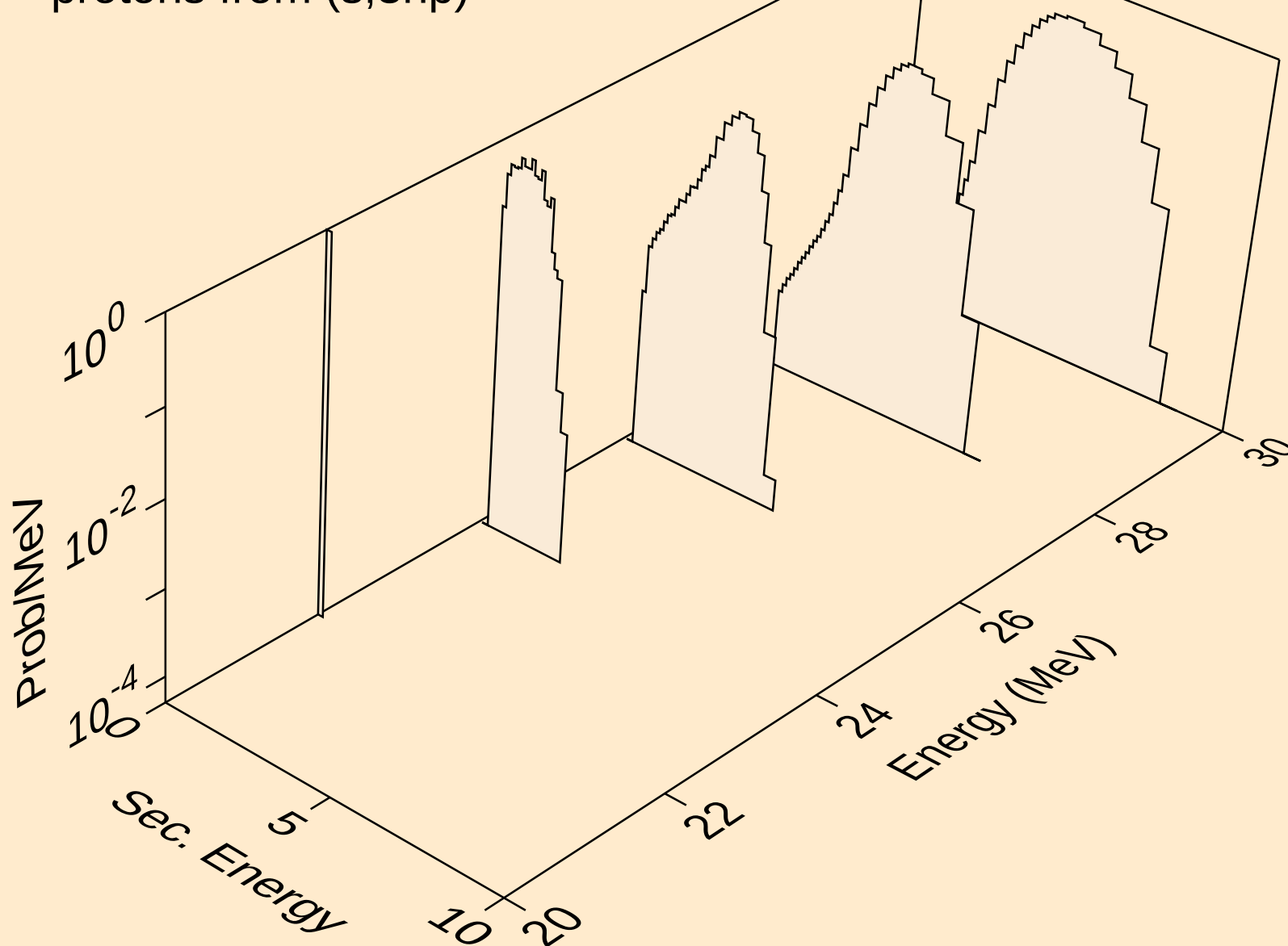
SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,n\*)p



SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,2np)

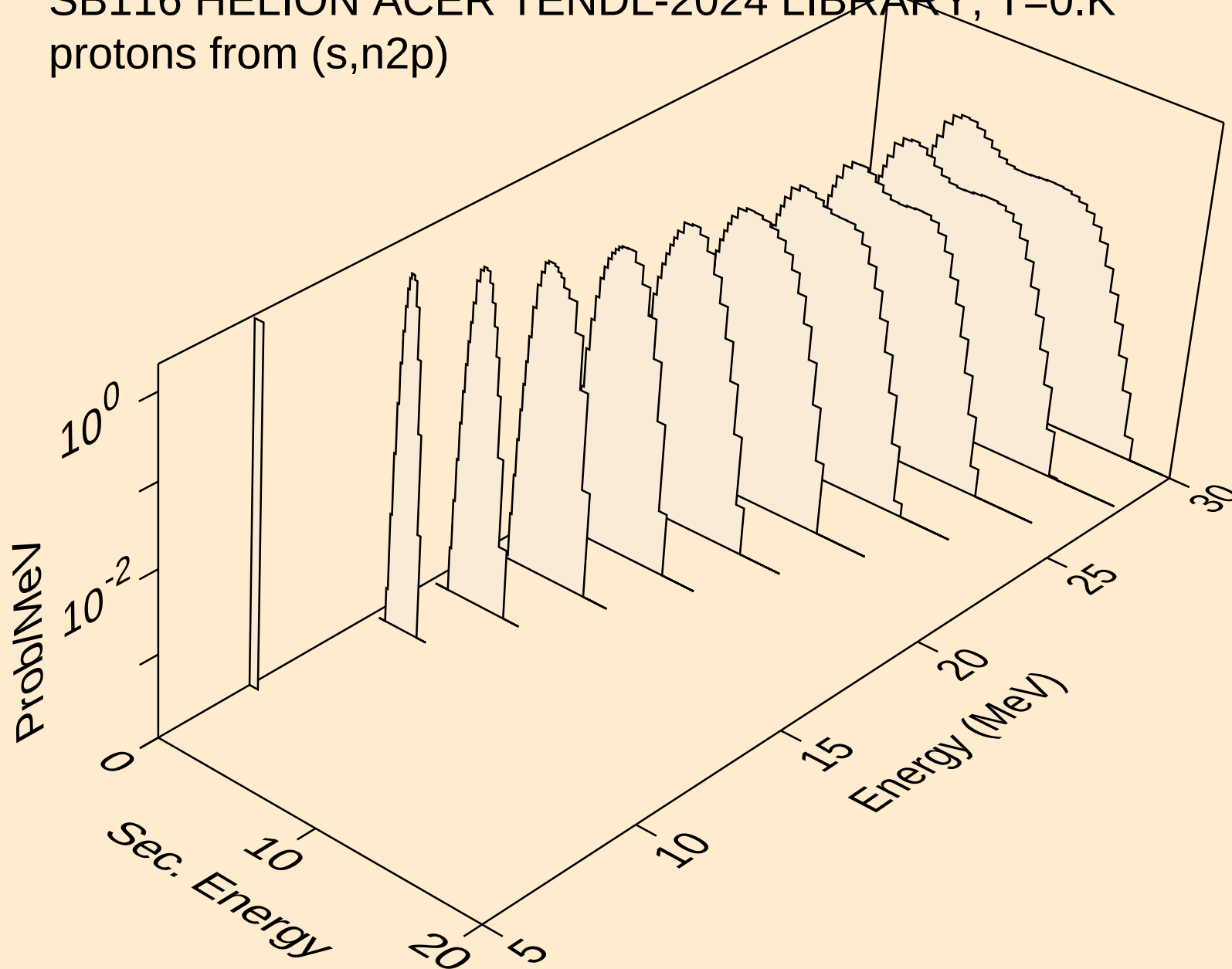


SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,3np)

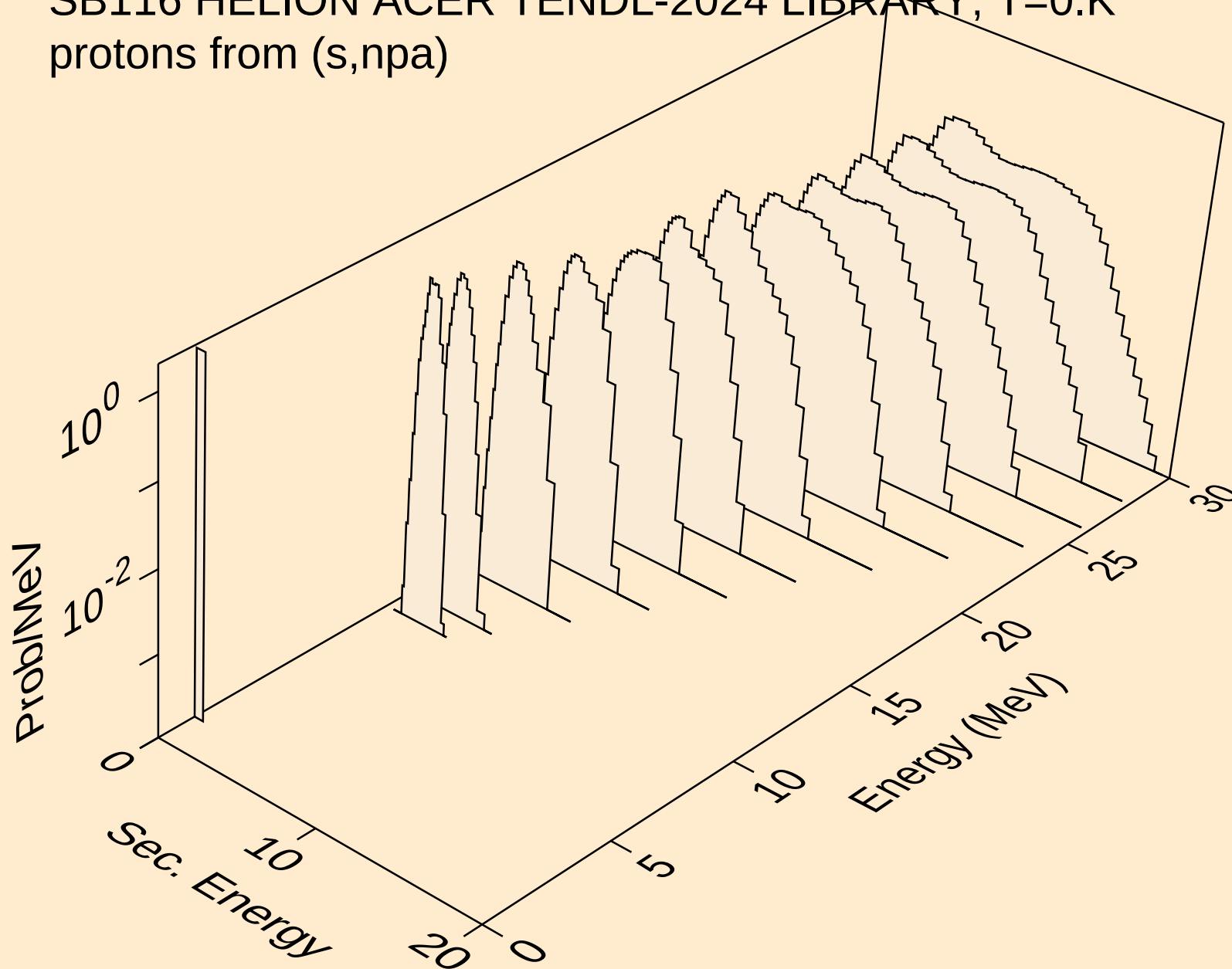




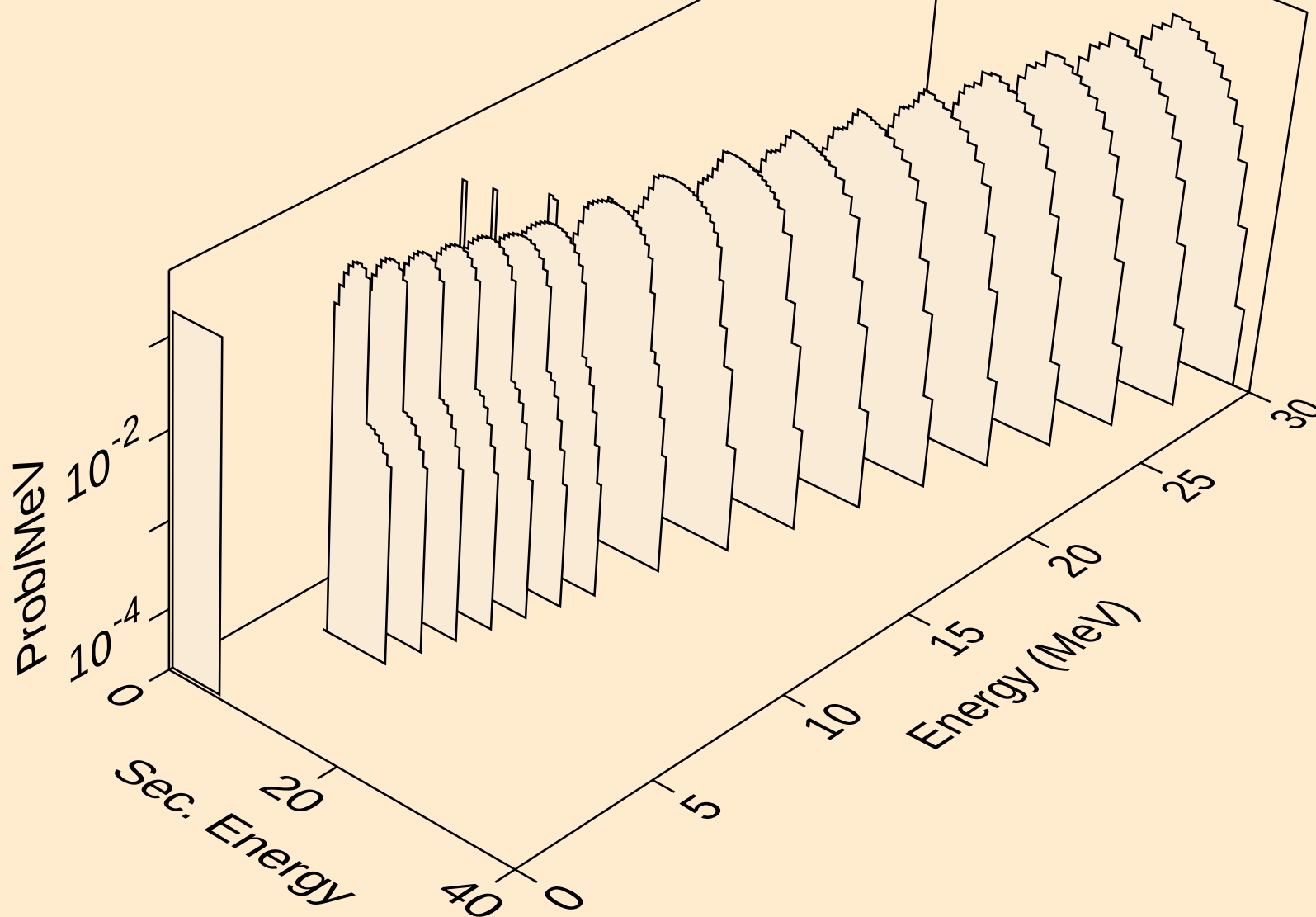
SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,n2p)



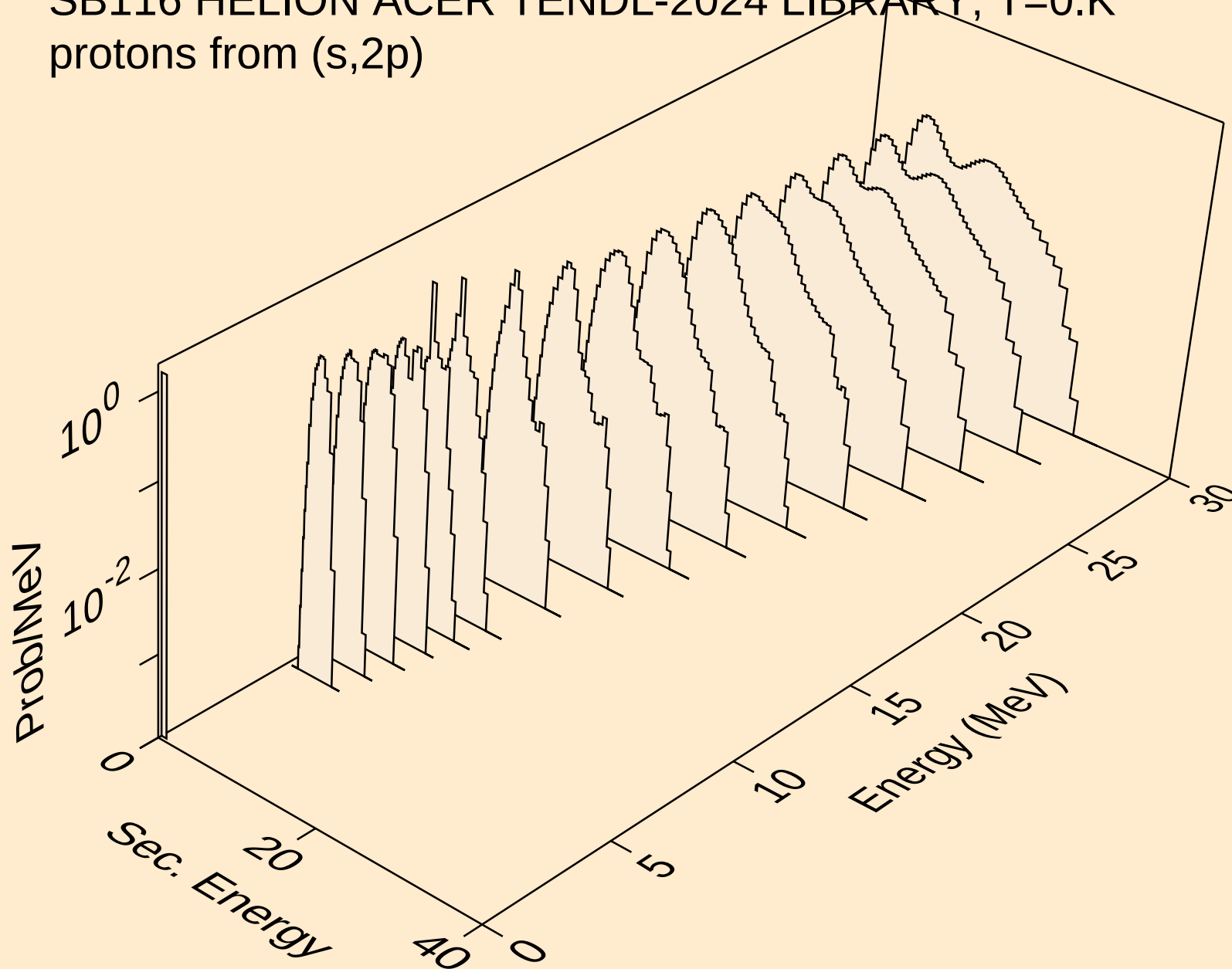
SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,npa)



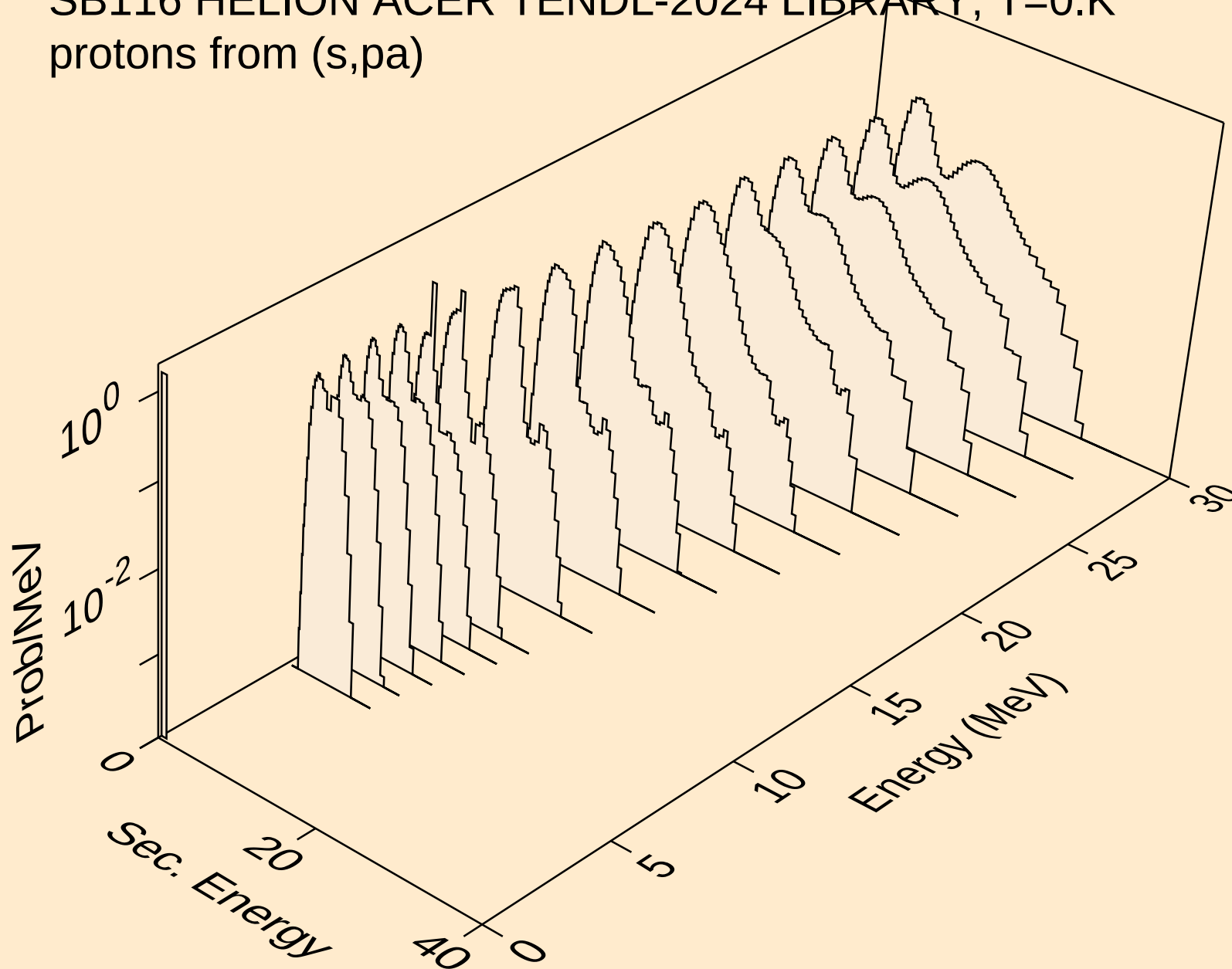
SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,p)



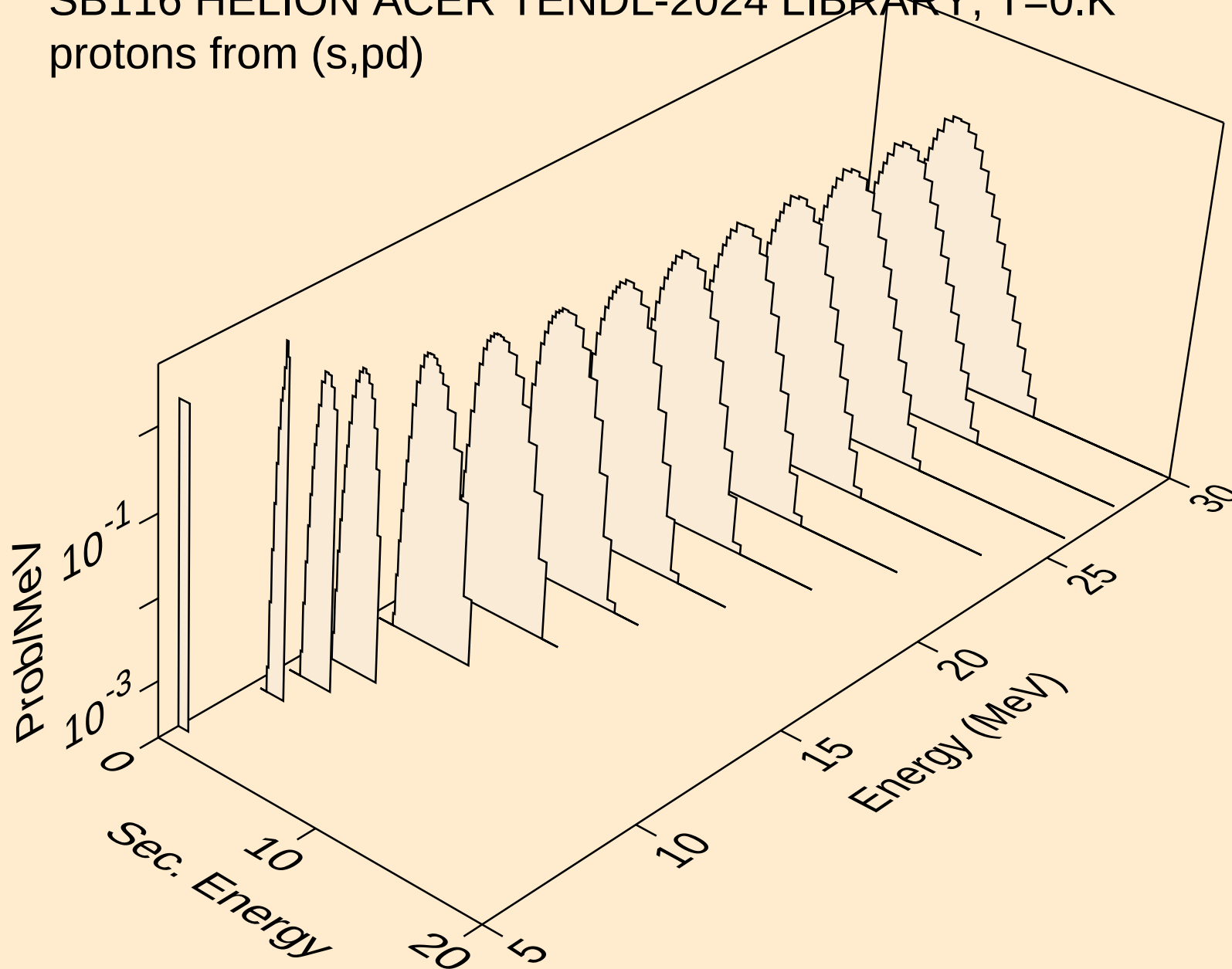
SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,2p)



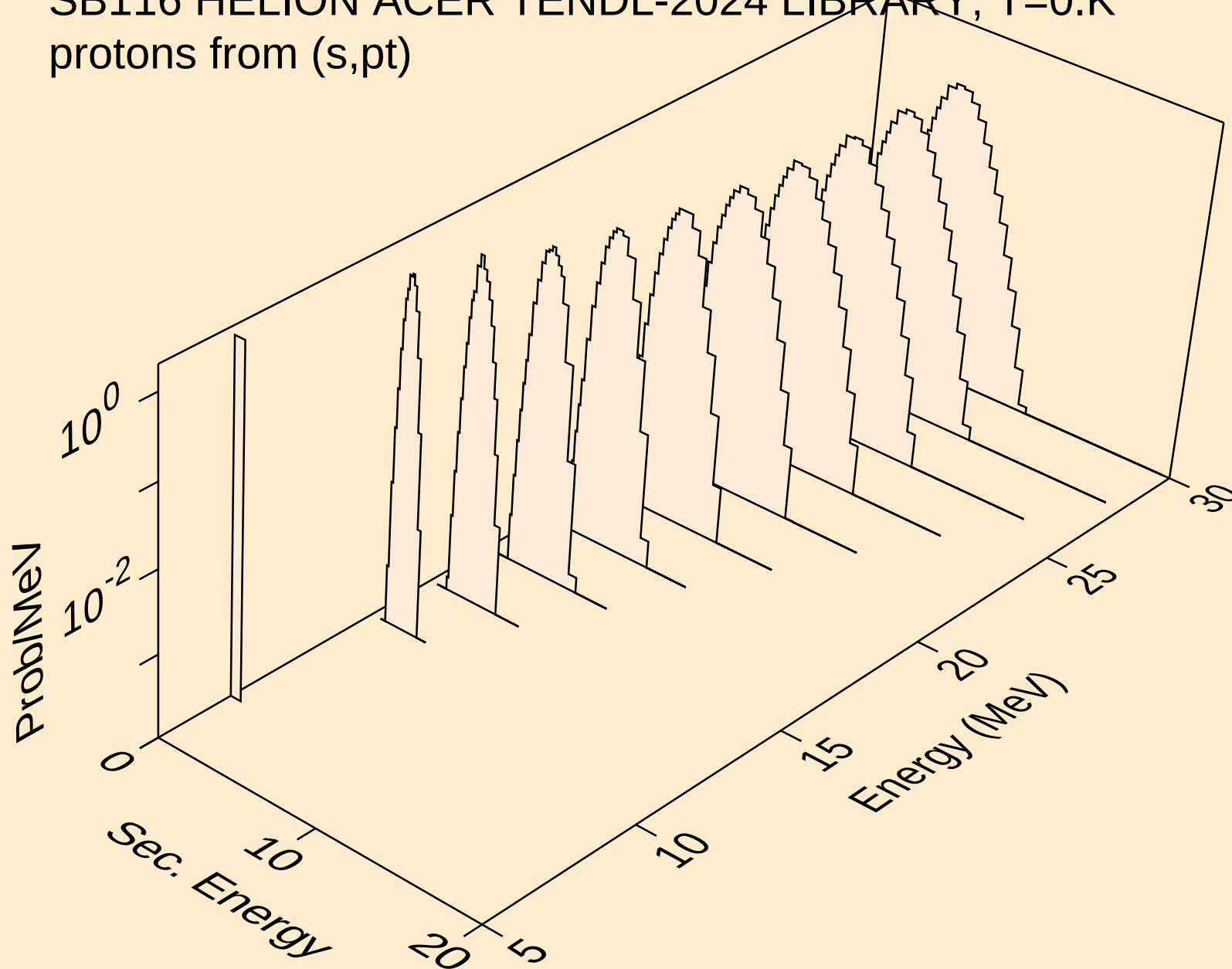
SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,pa)



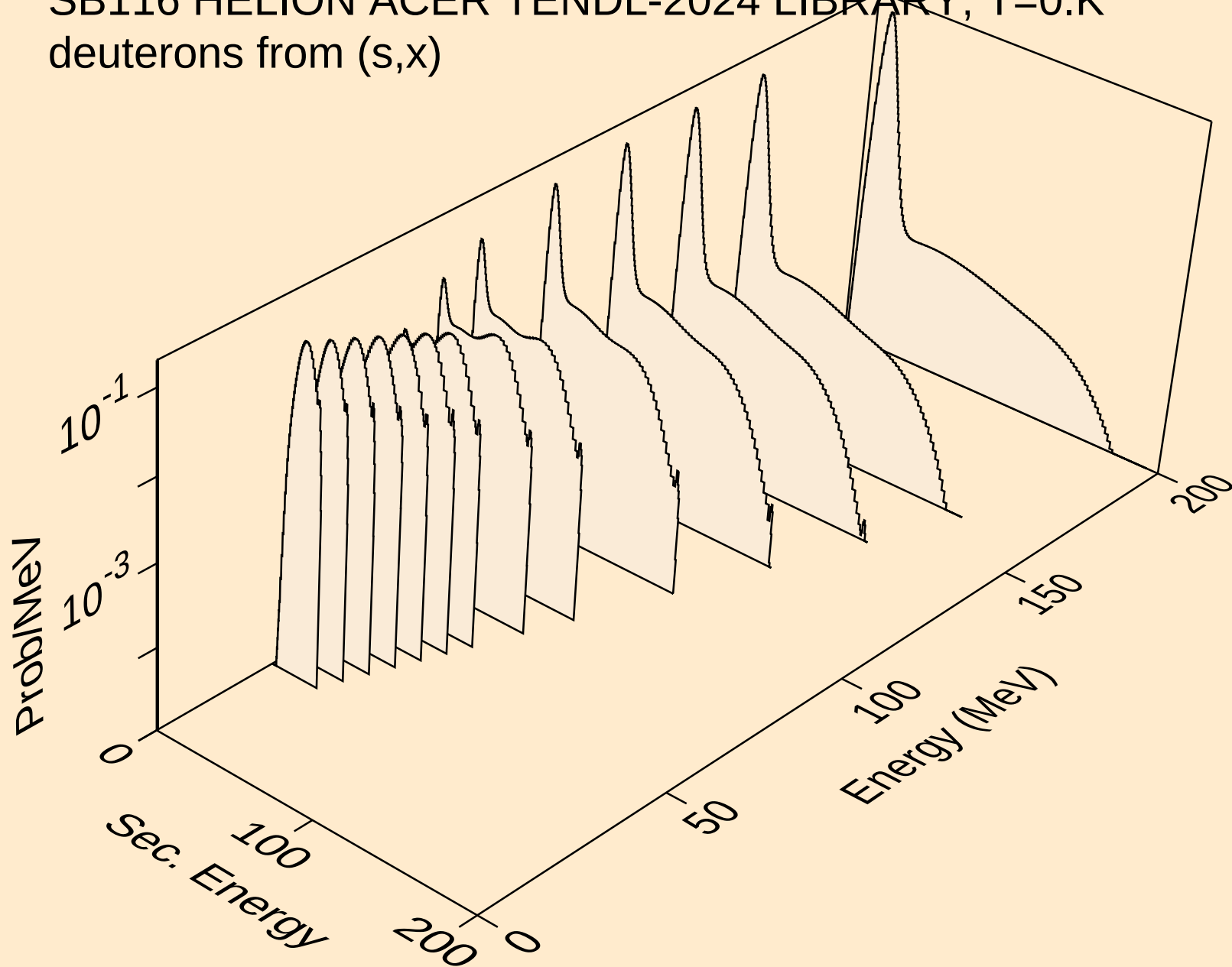
SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,pd)



SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,pt)

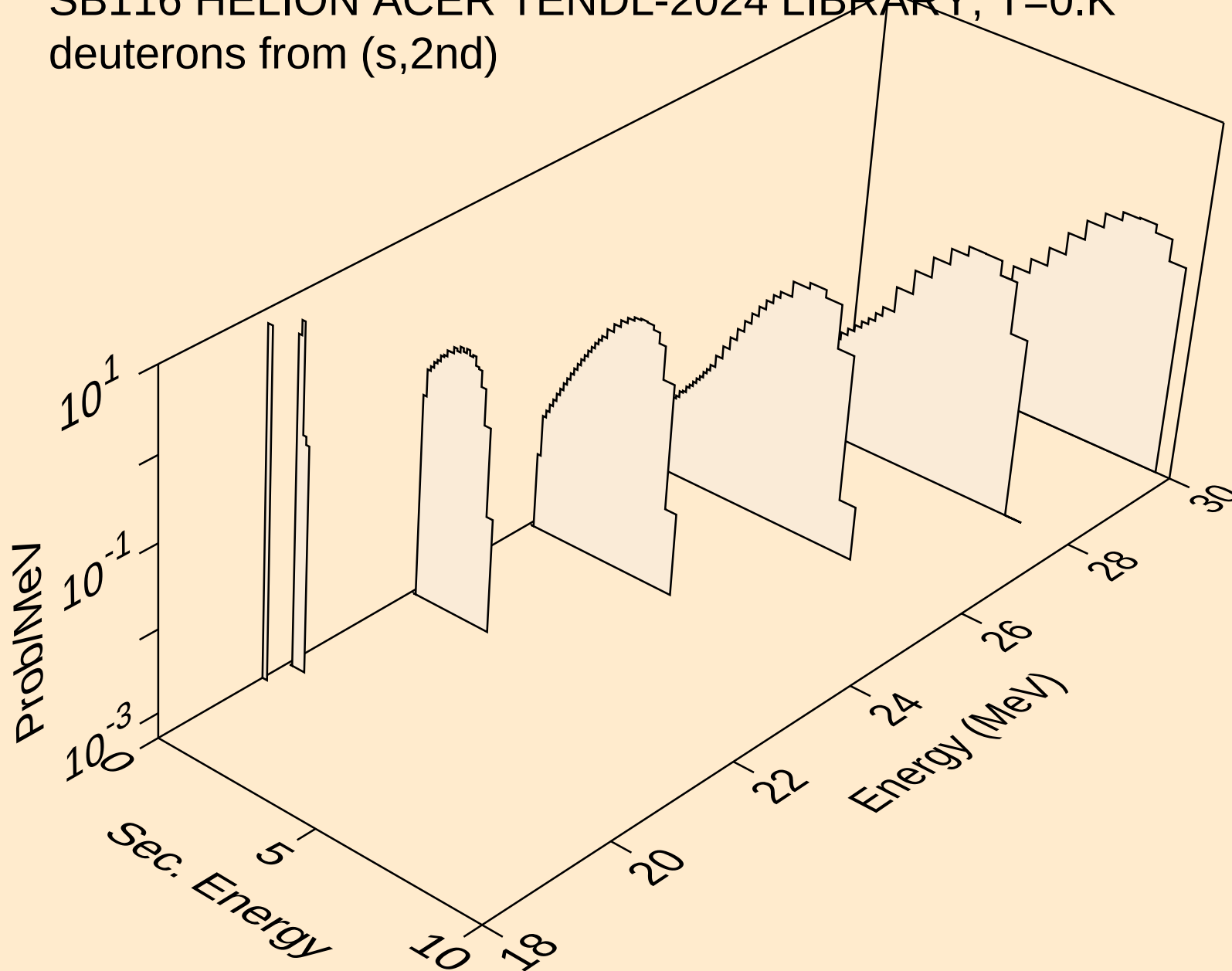


SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,x)

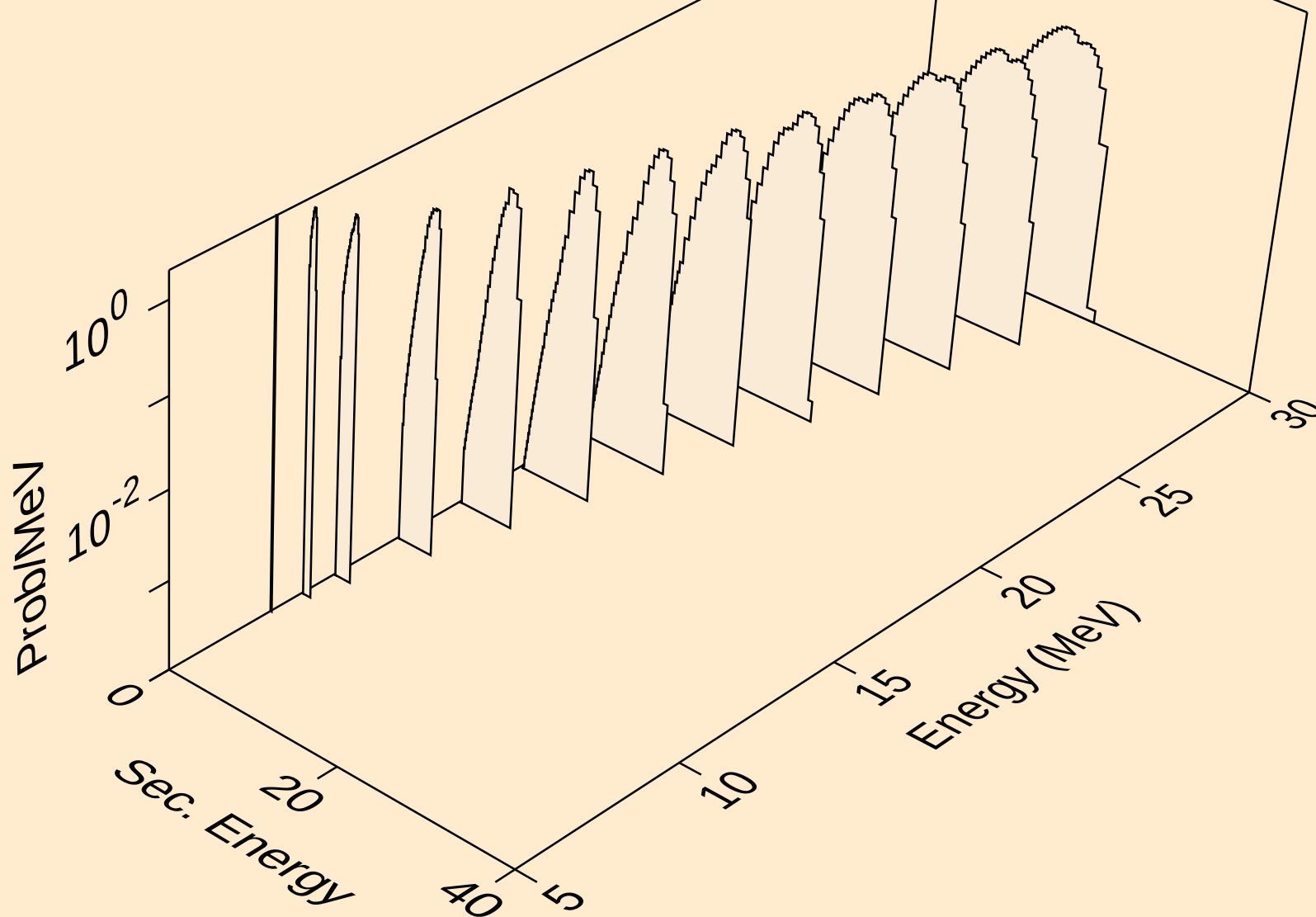




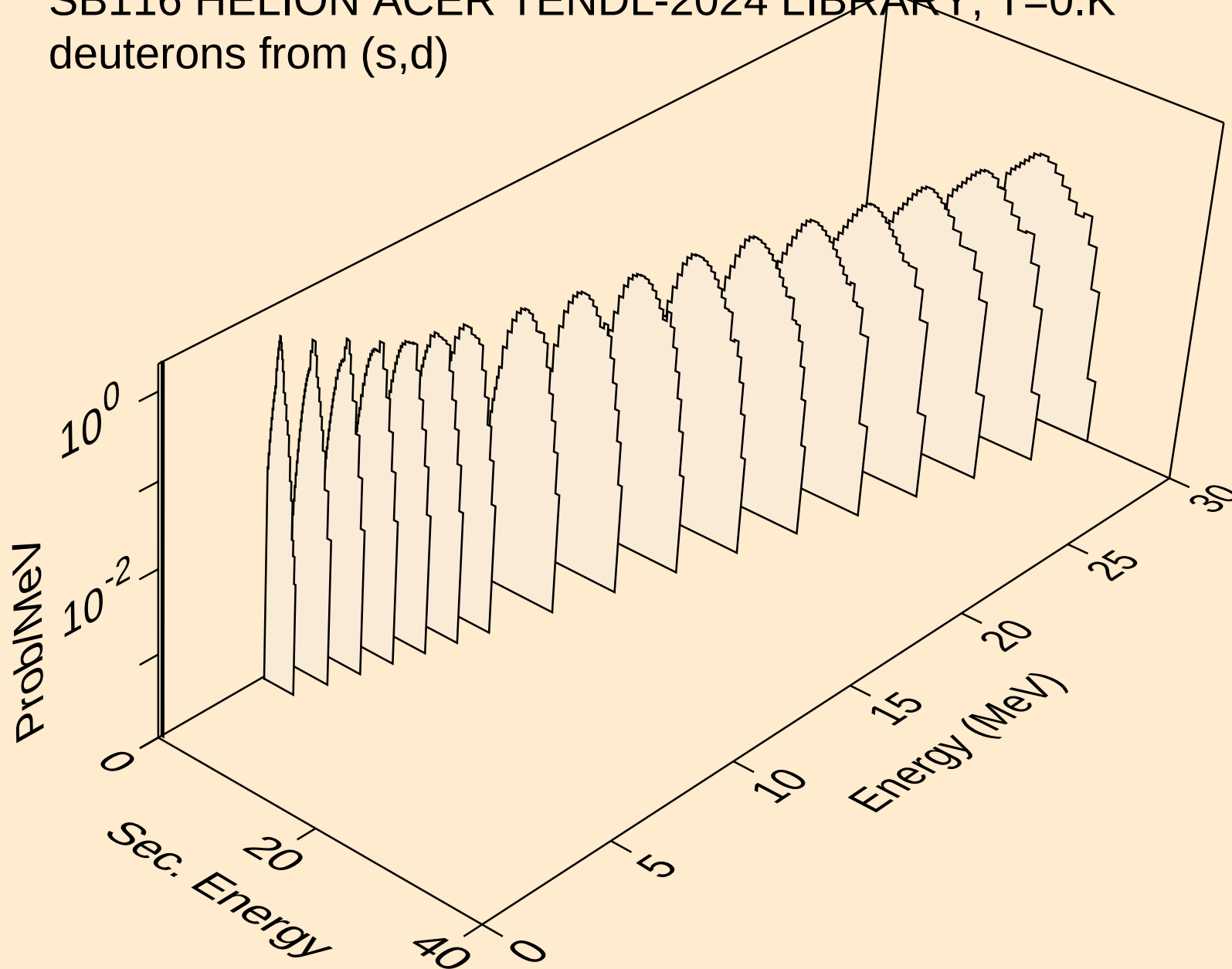
SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,2nd)



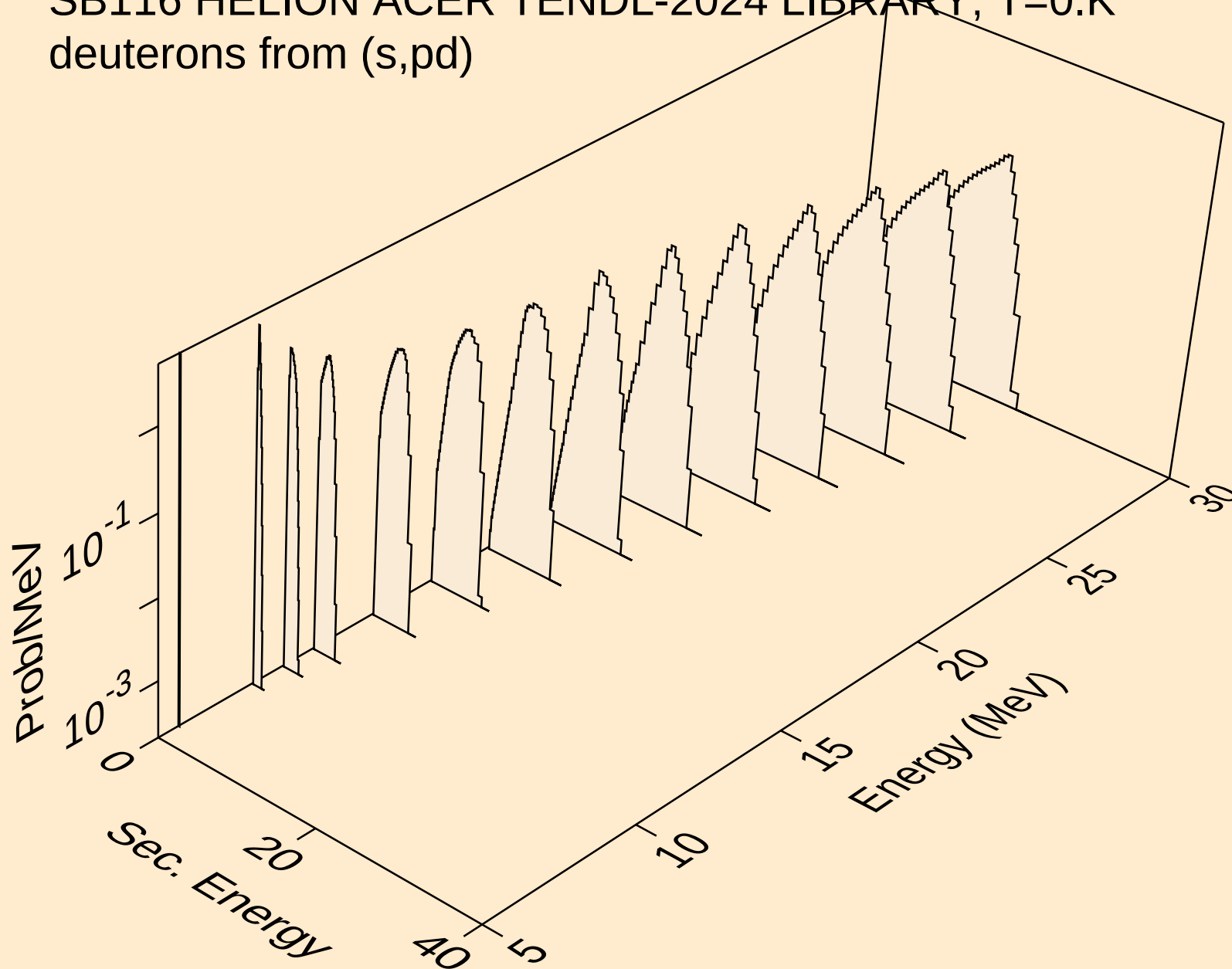
SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,n\*)d



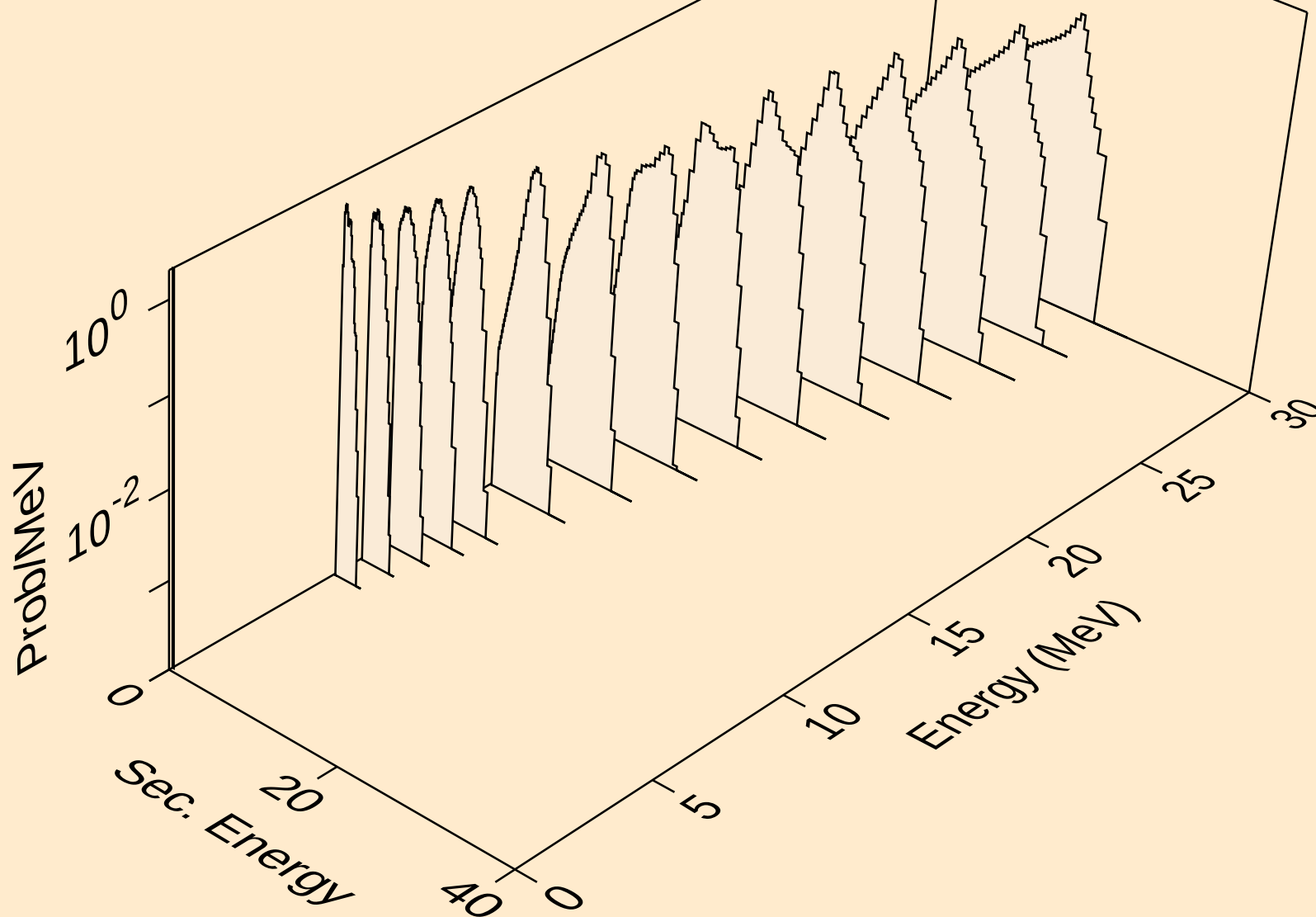
SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,d)



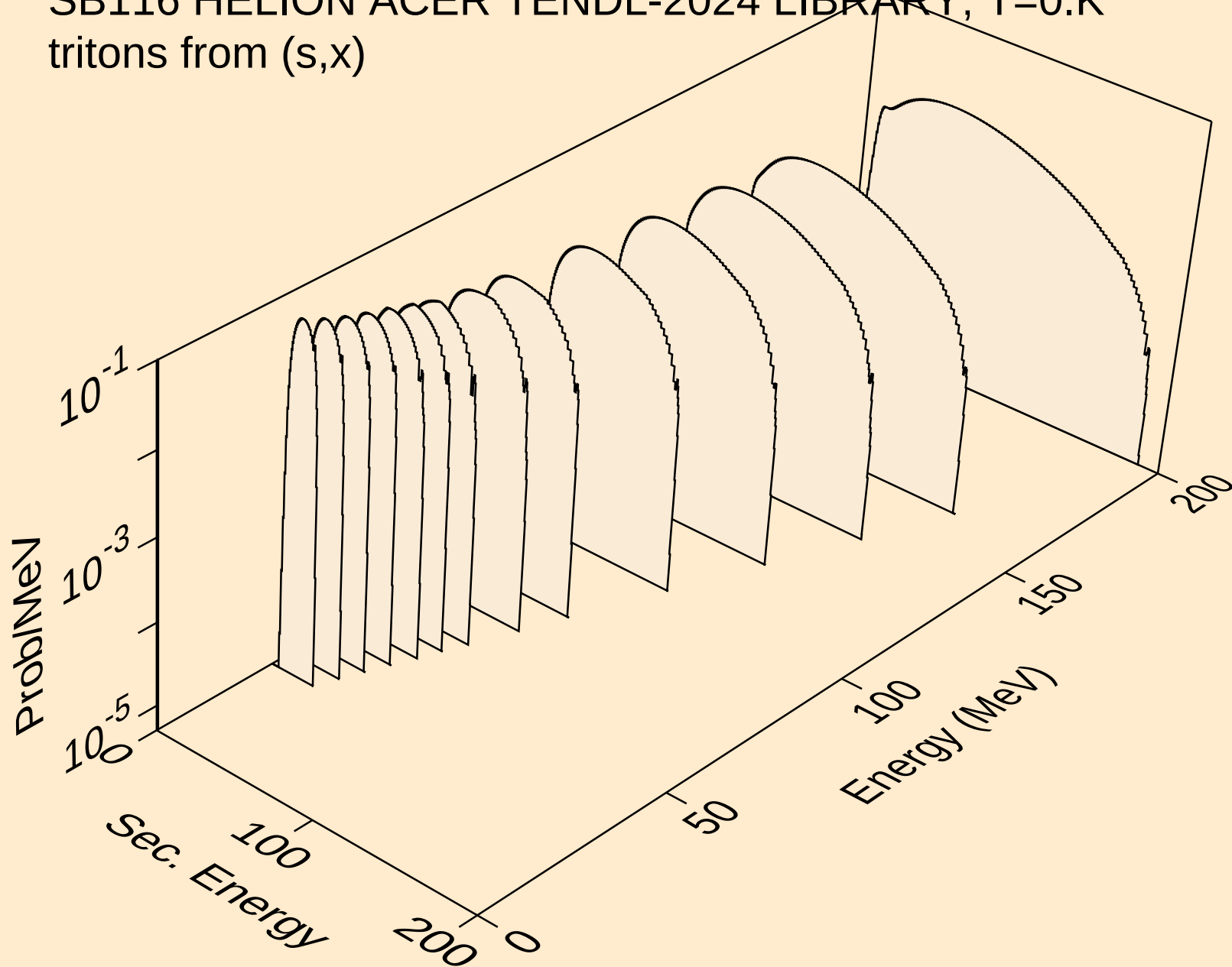
SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,pd)



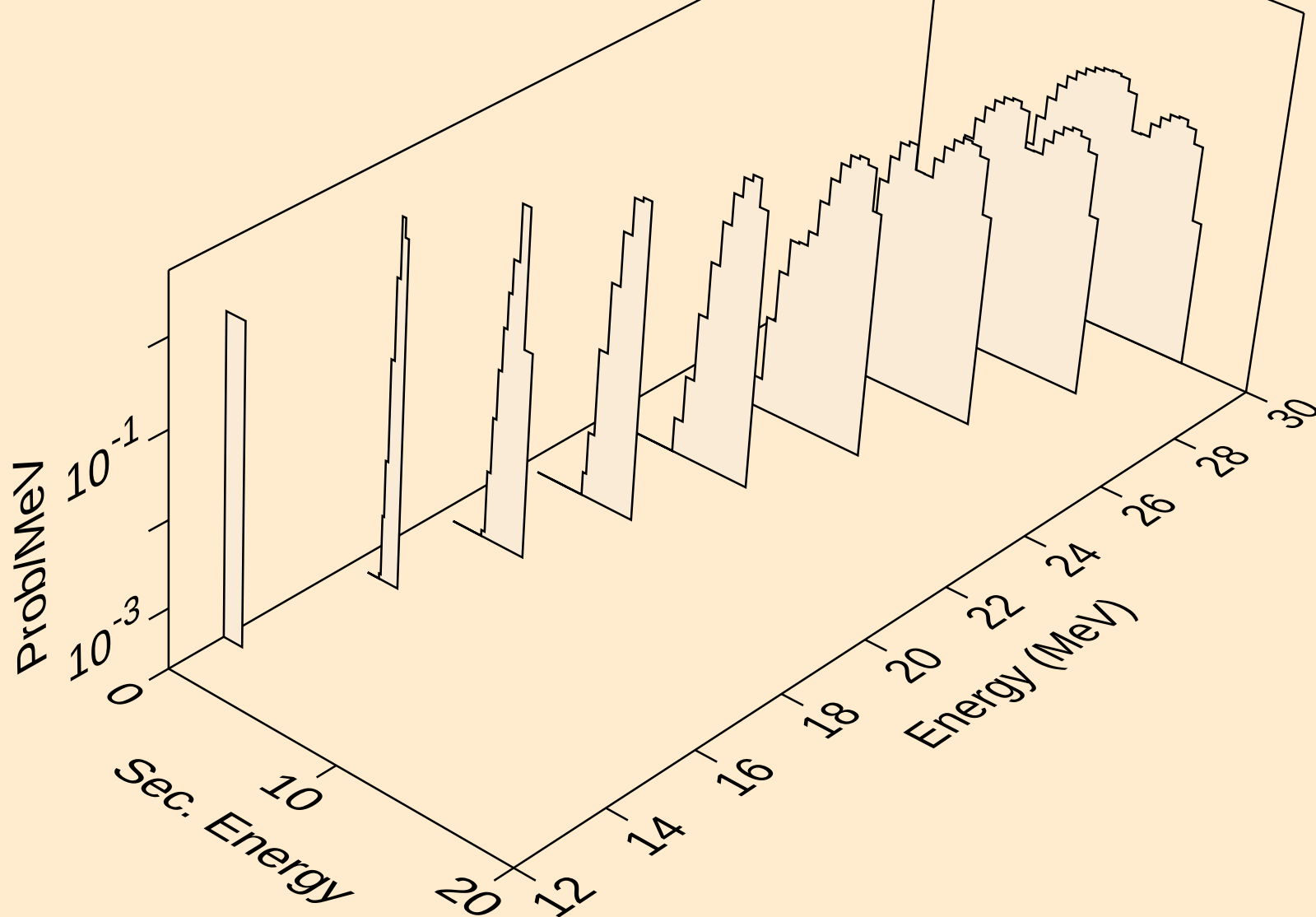
SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,da)



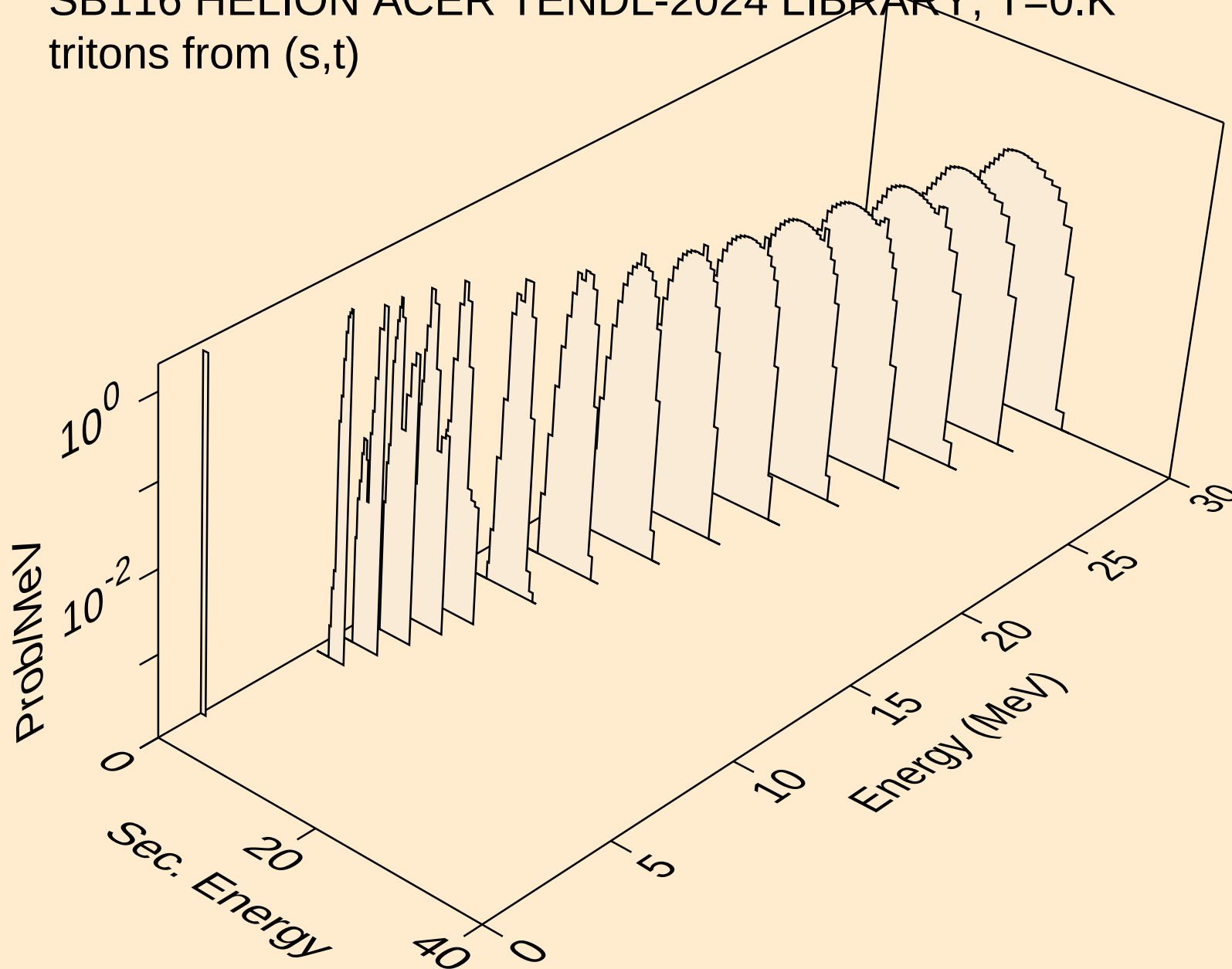
SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (s,x)



SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (s,n\*)t

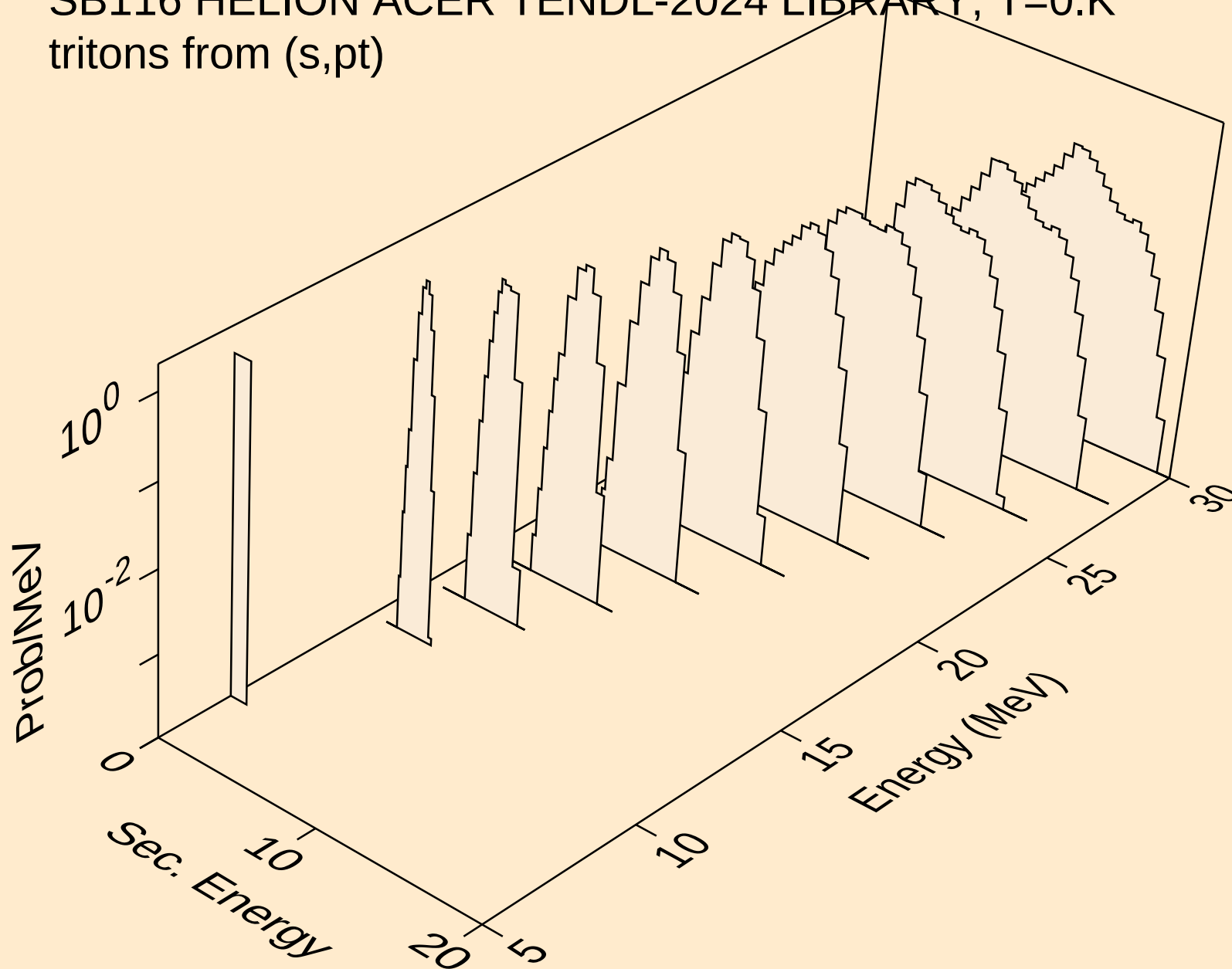


SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (s,t)

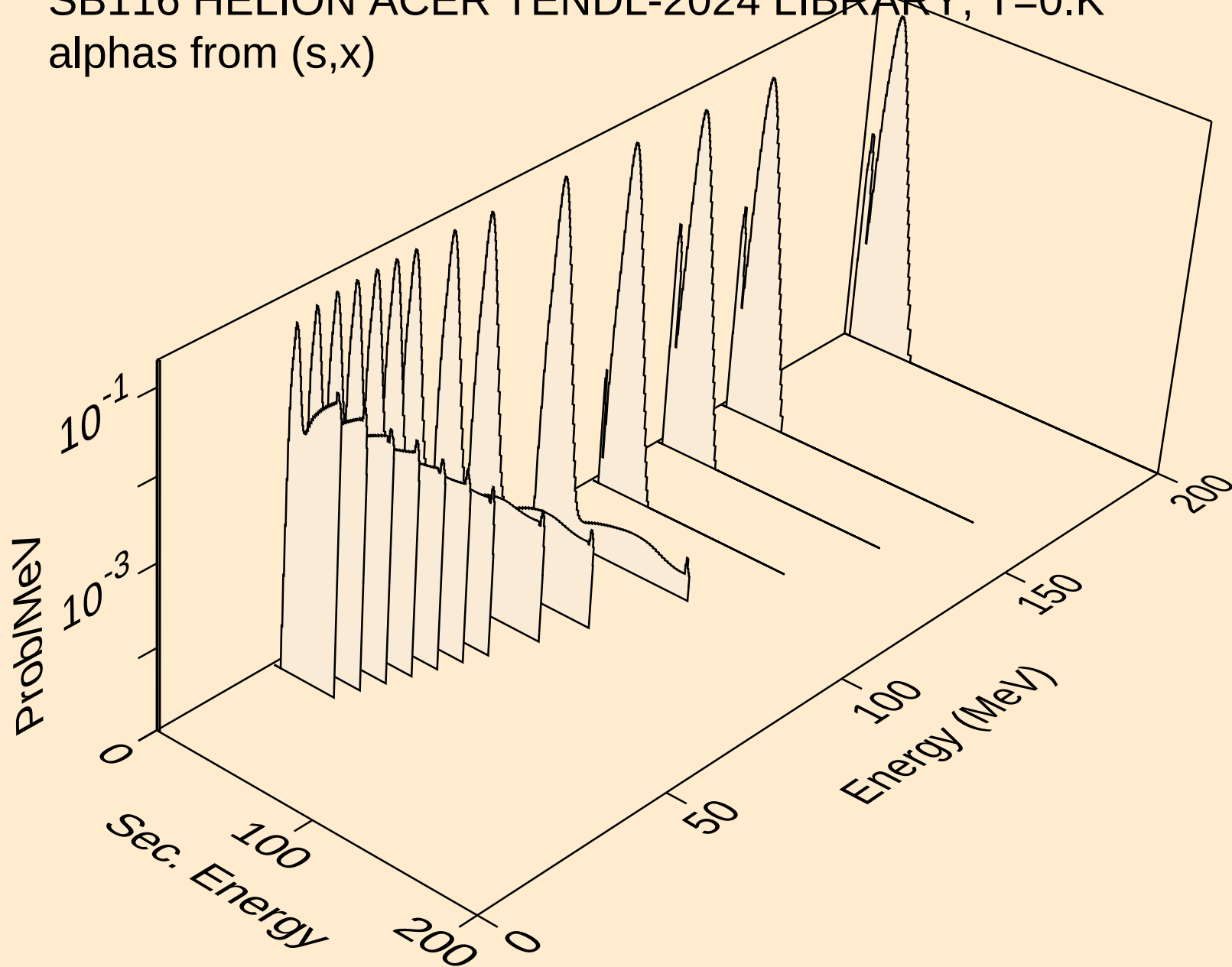




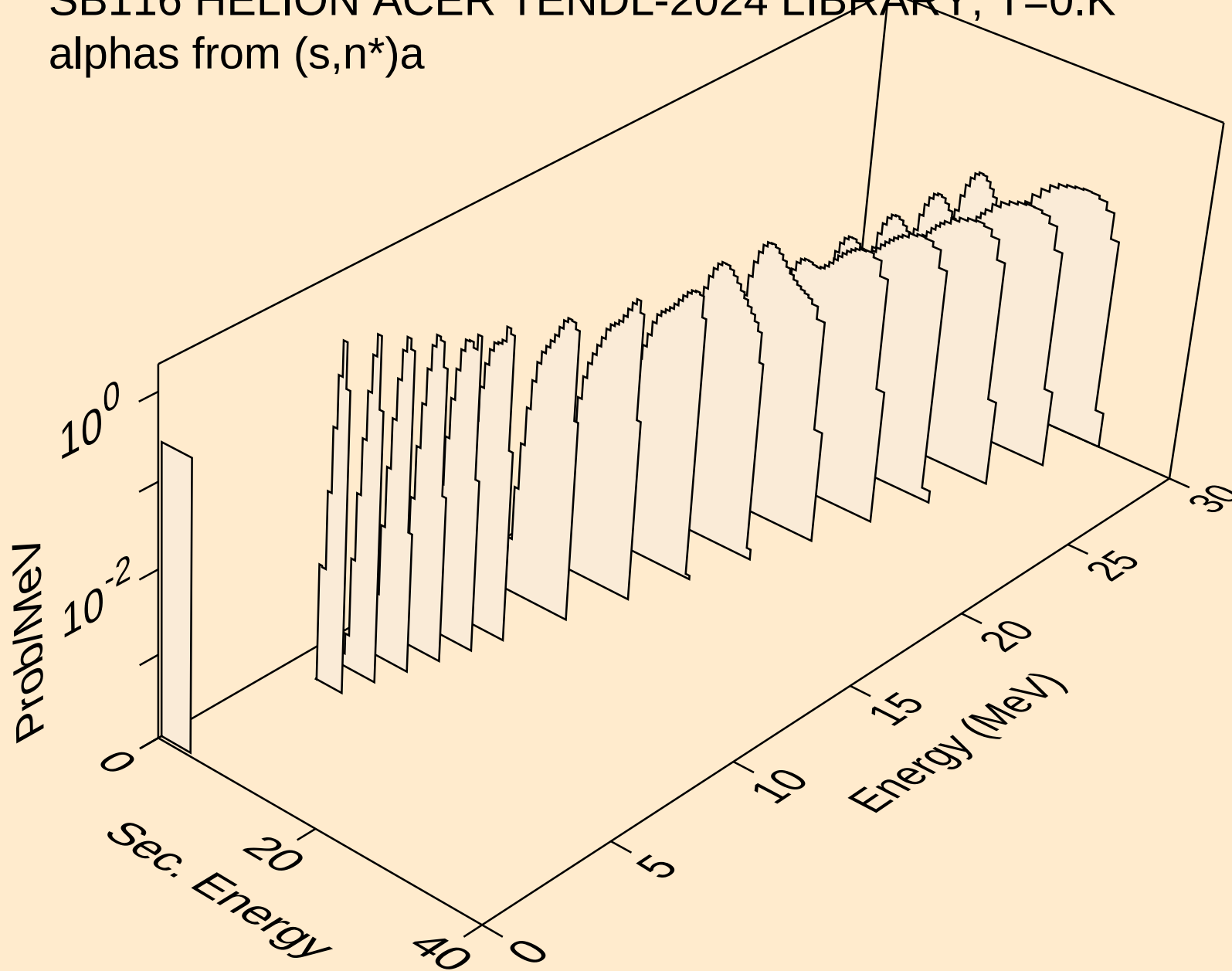
SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (s,pt)



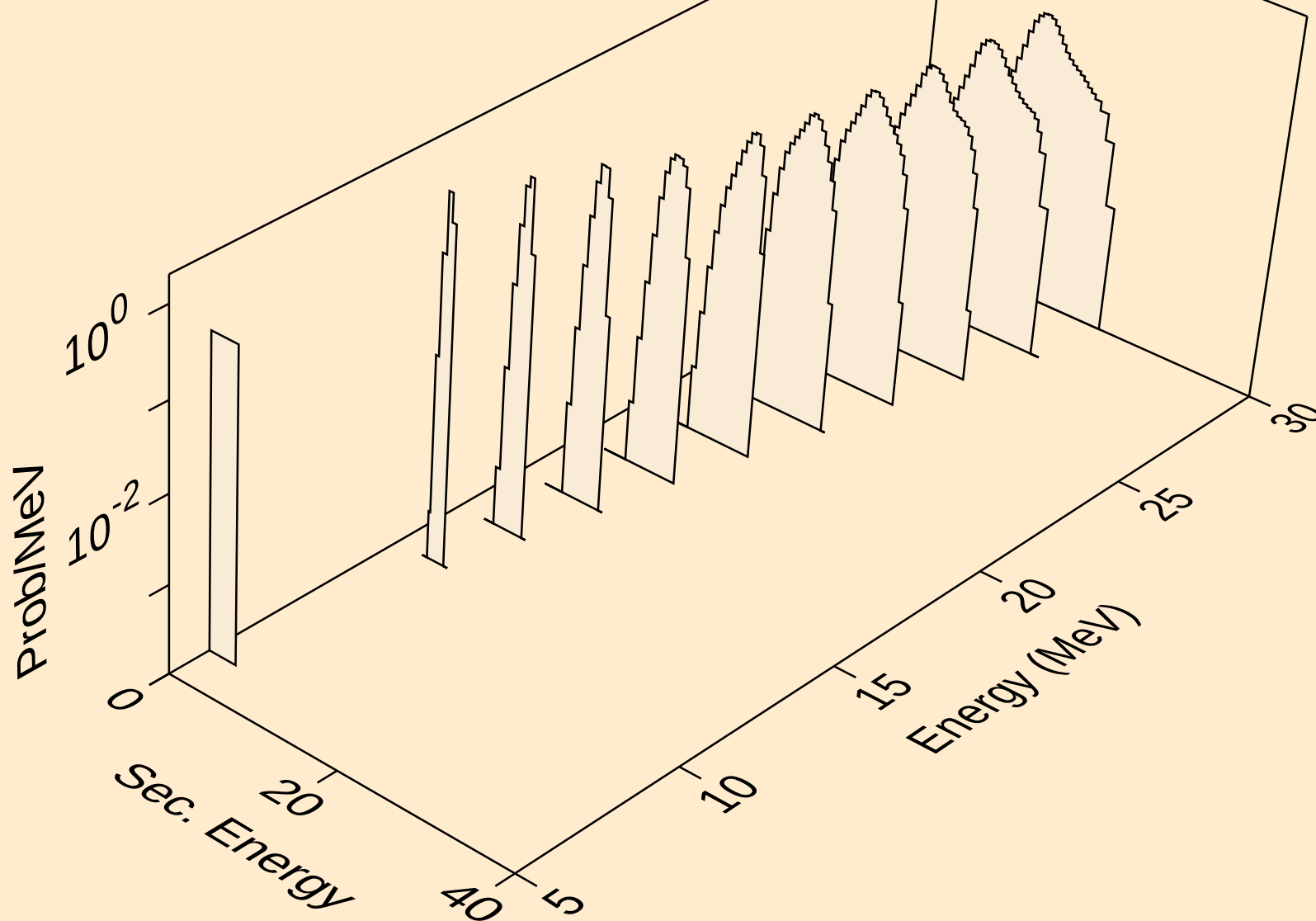
SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,x)



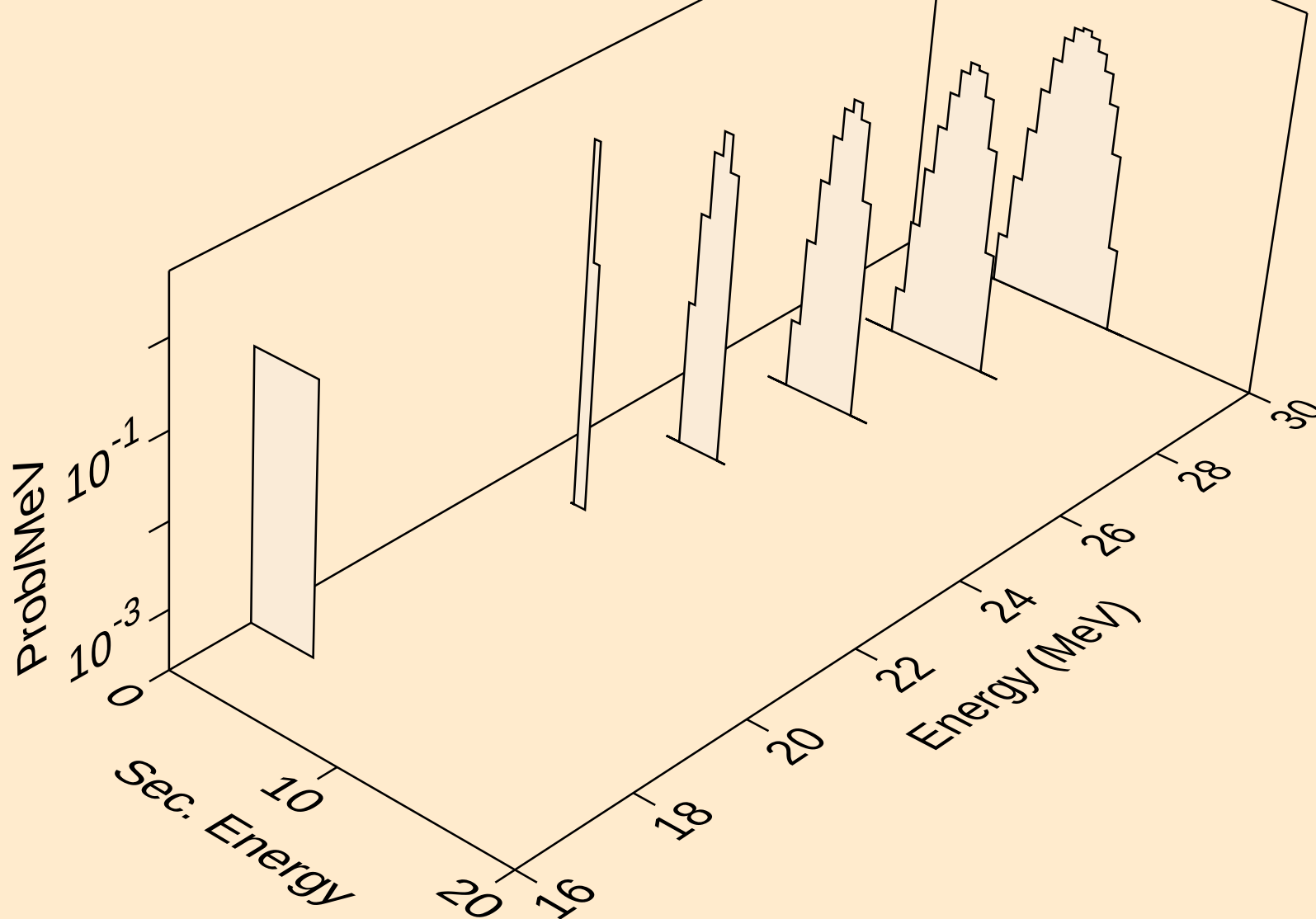
SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,n\*)a



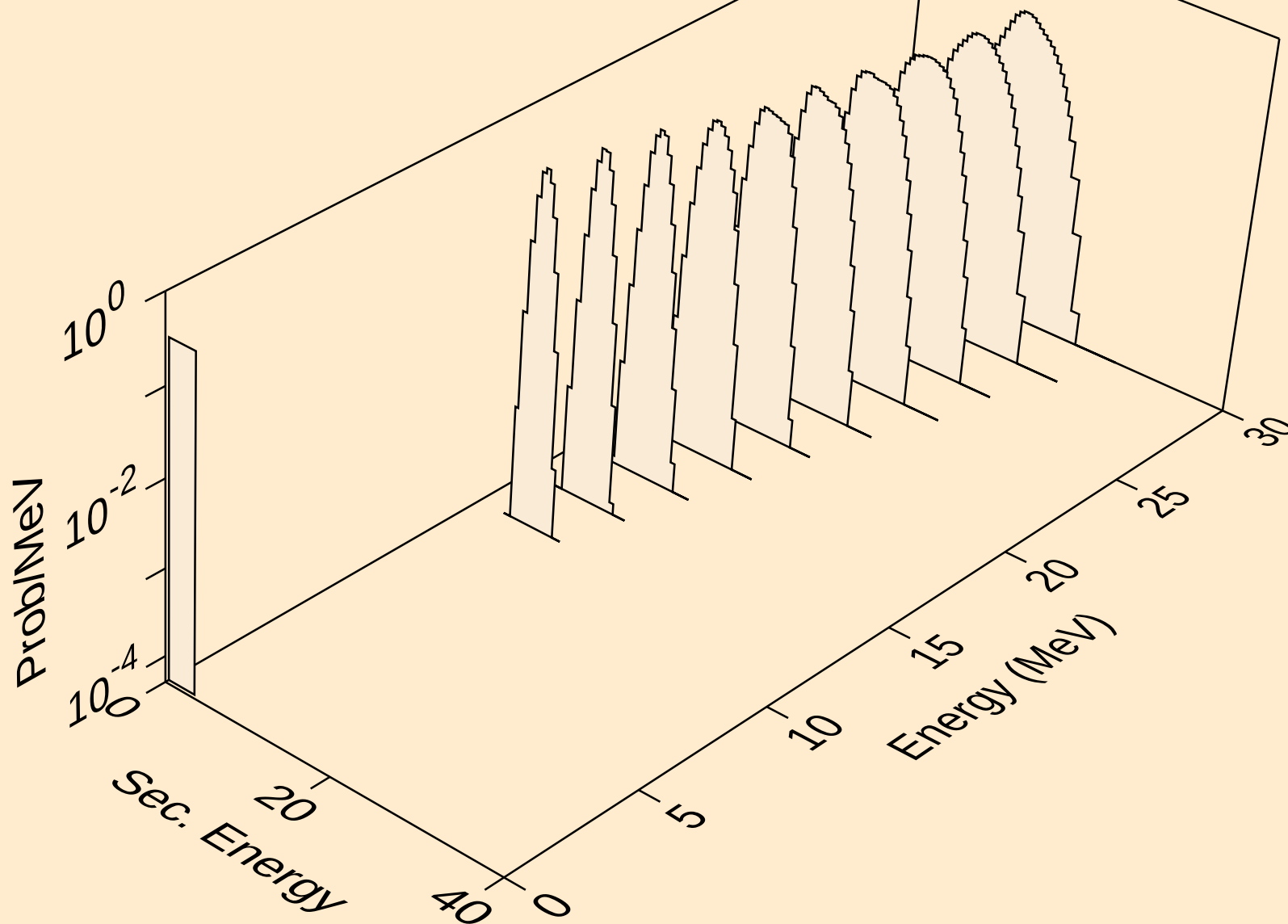
SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,2n)a



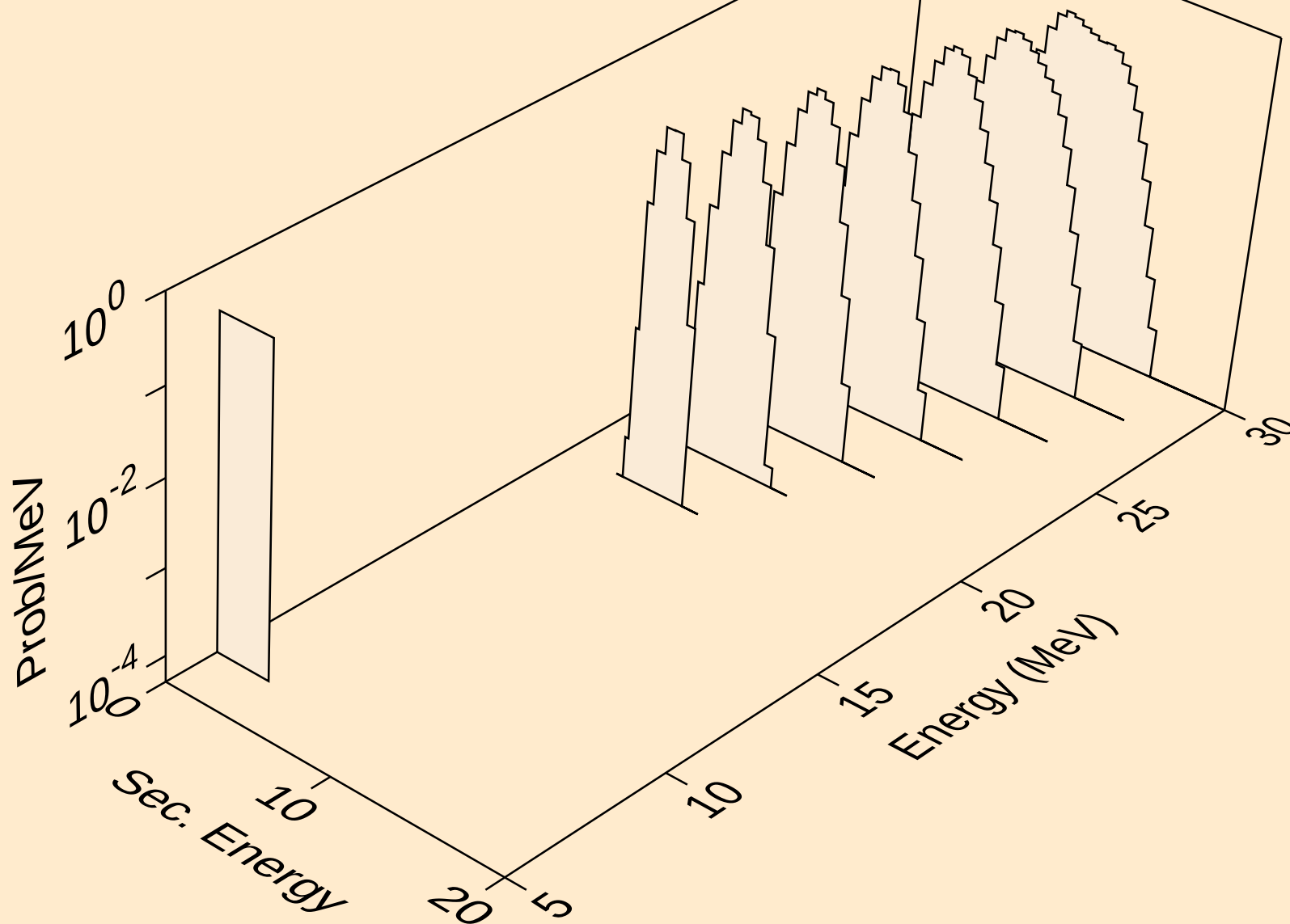
SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,3n)a



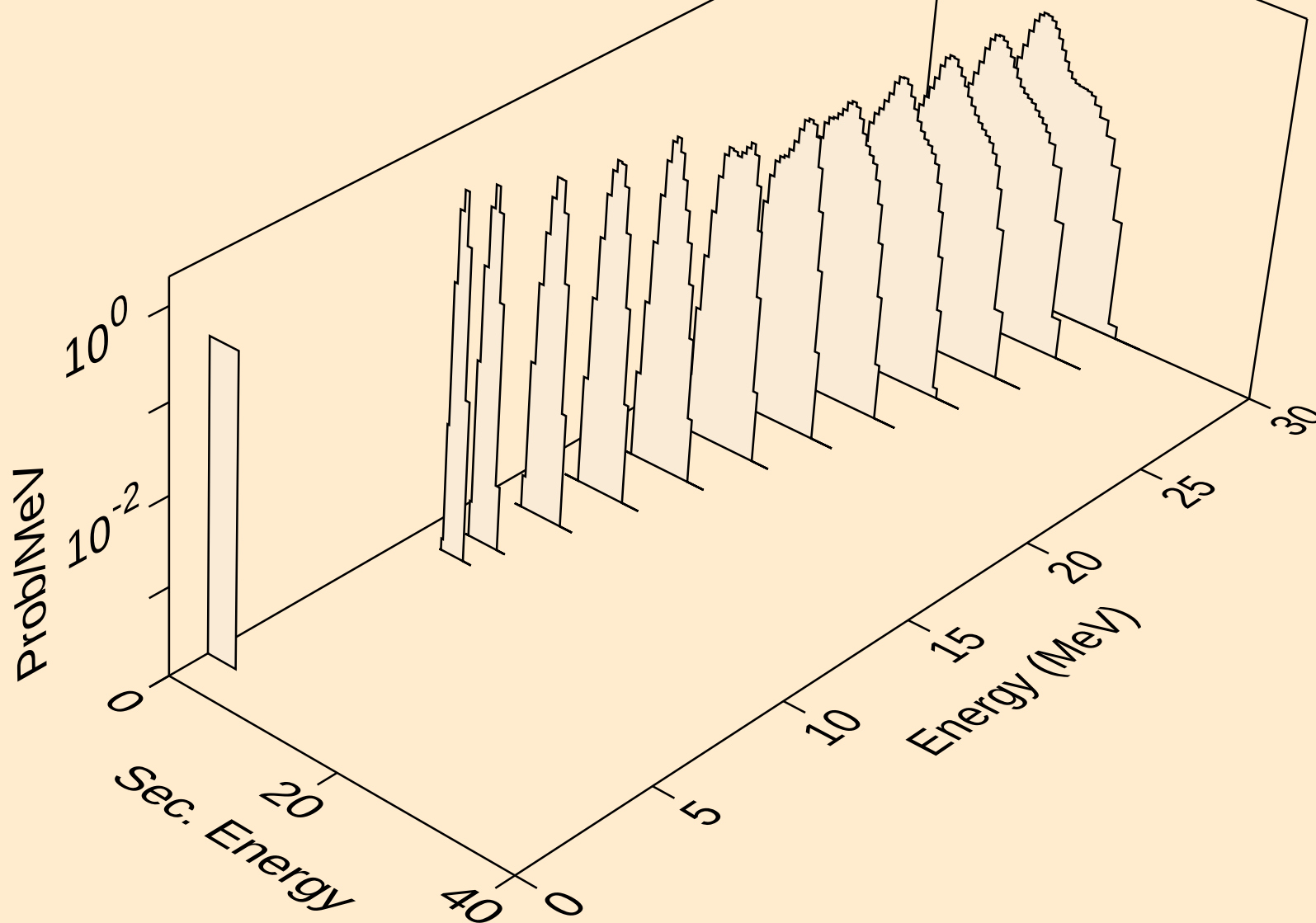
SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,n\*)2a



SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,2n)2a

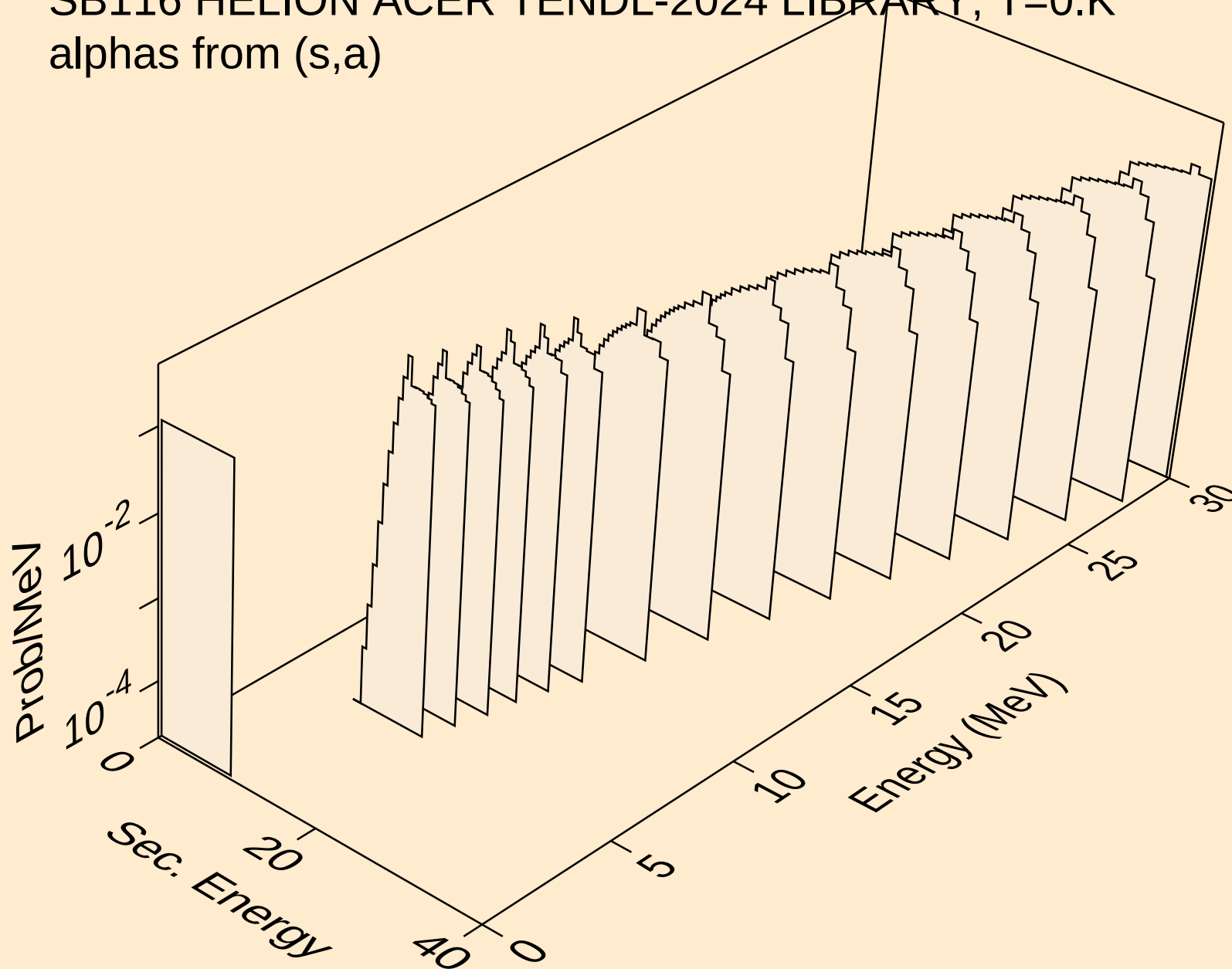


SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,npa)

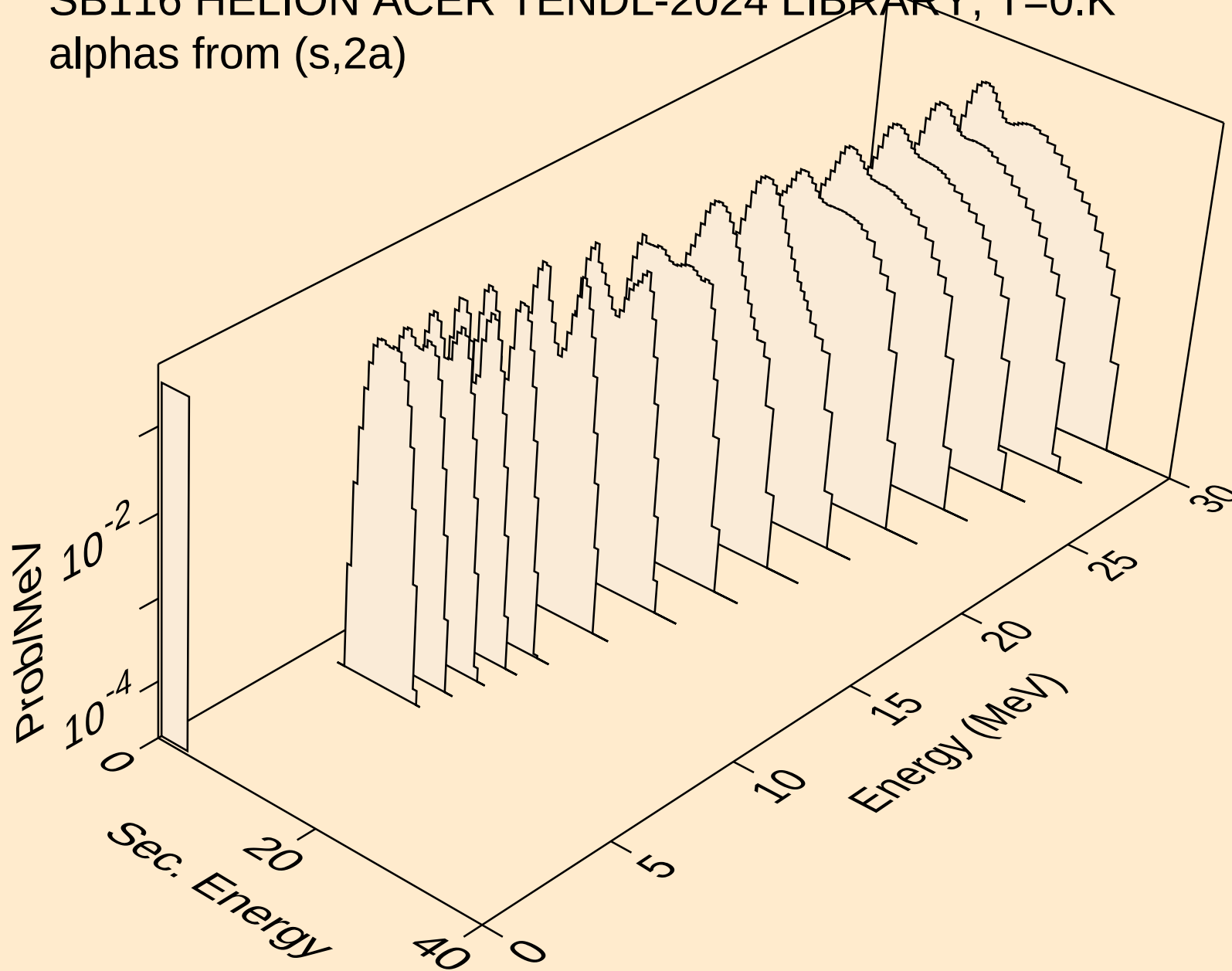




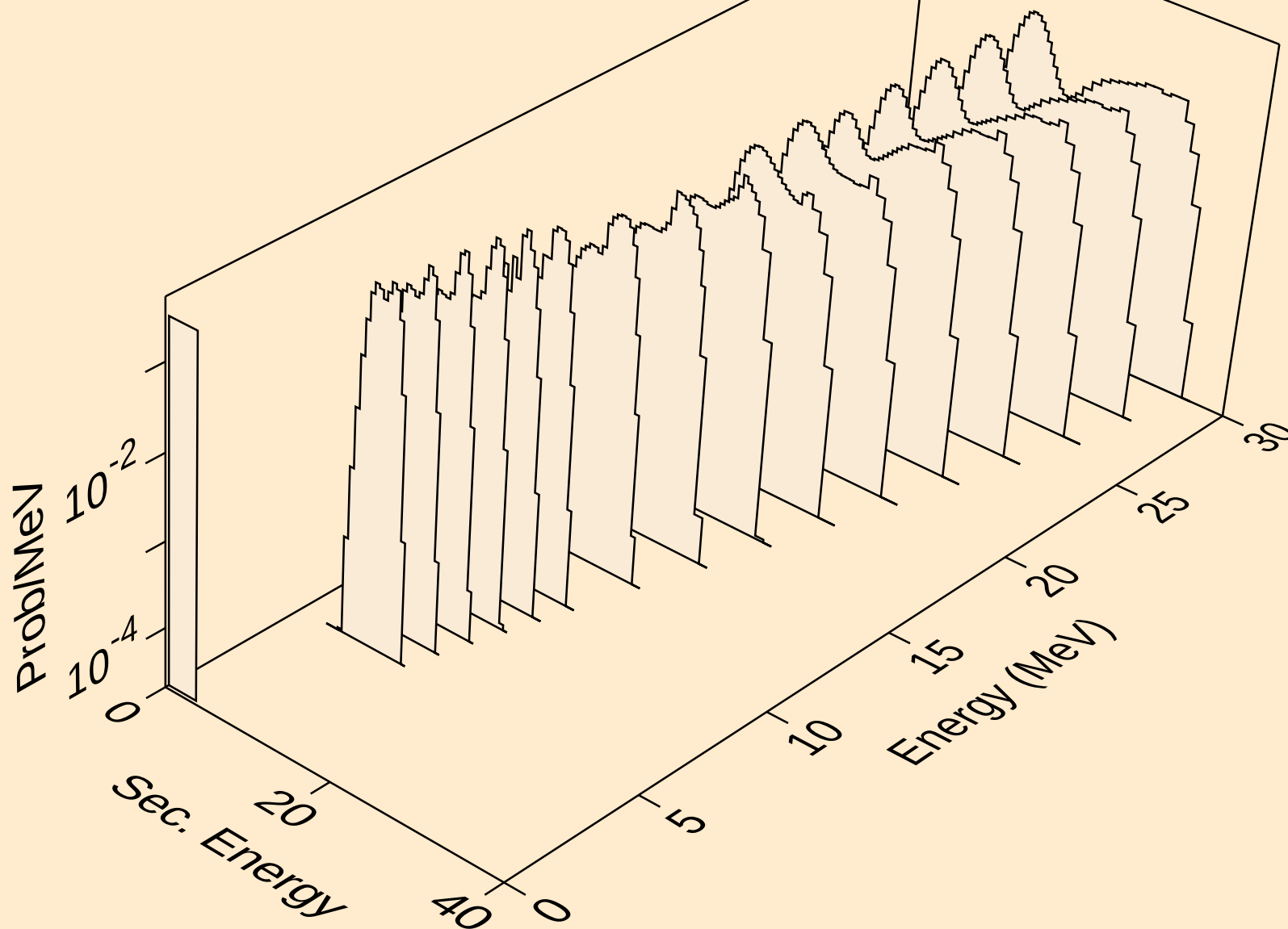
SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,a)



SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,2a)



SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,pa)



SB116 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,da)

