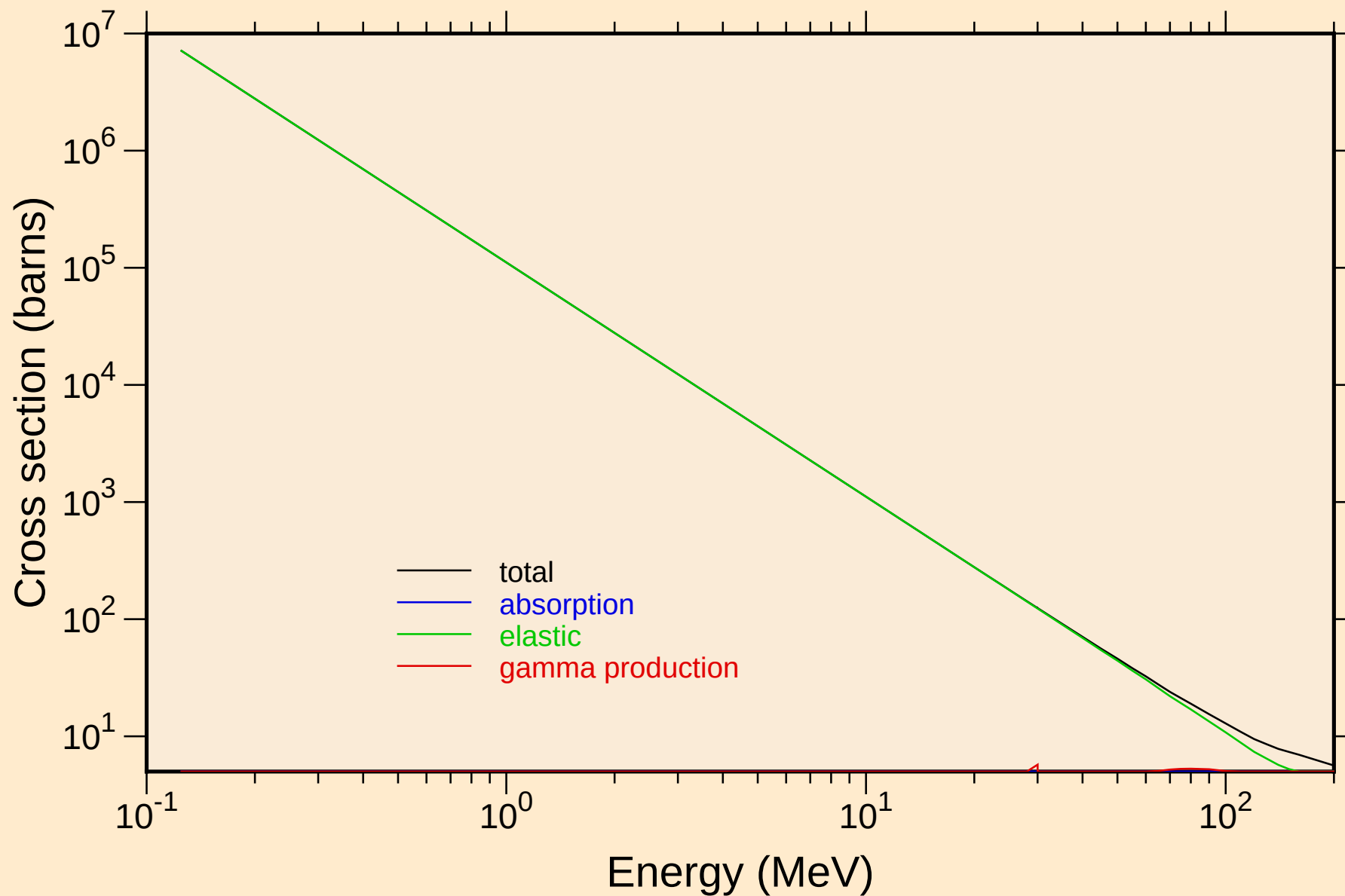


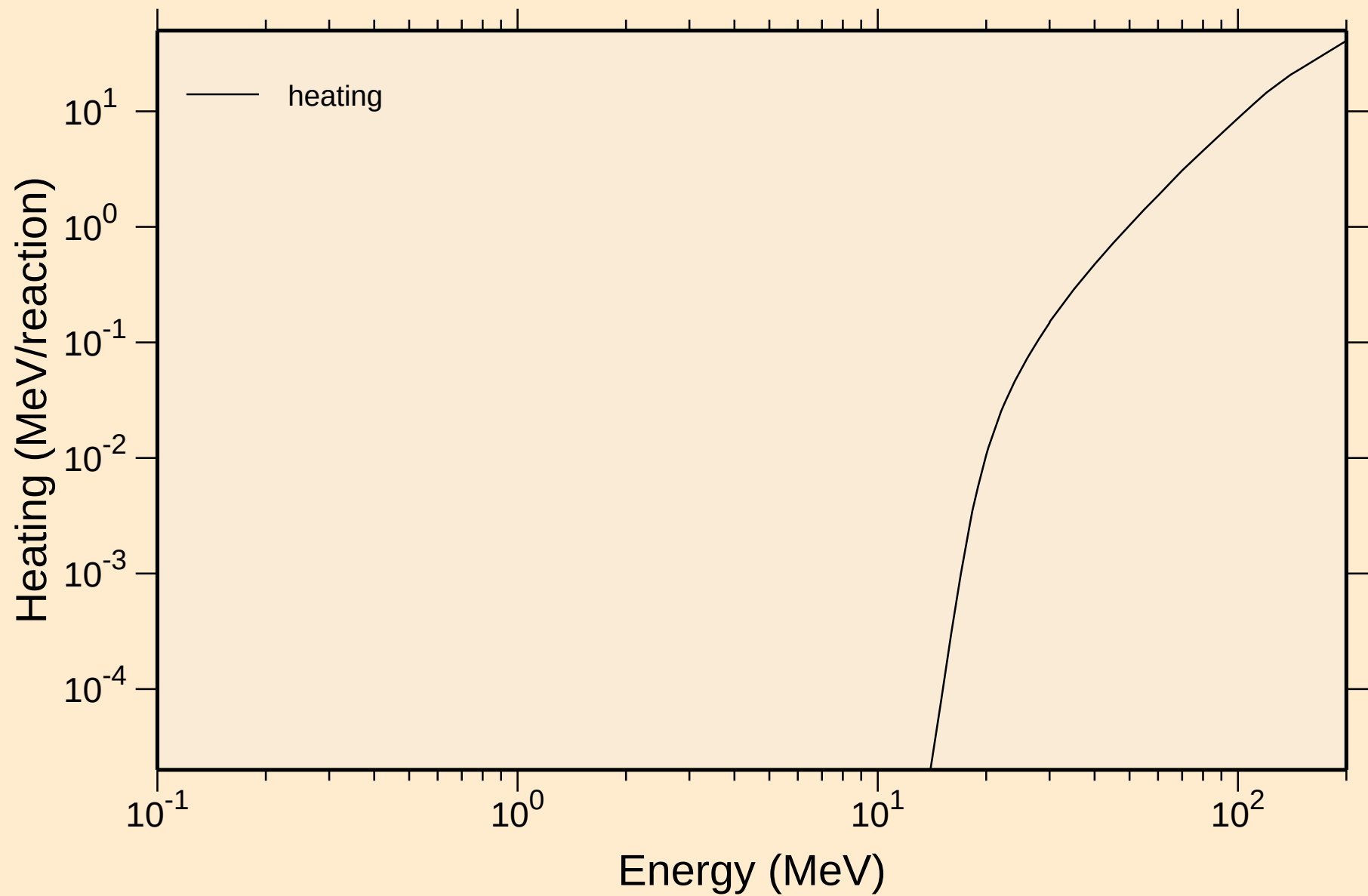
# DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



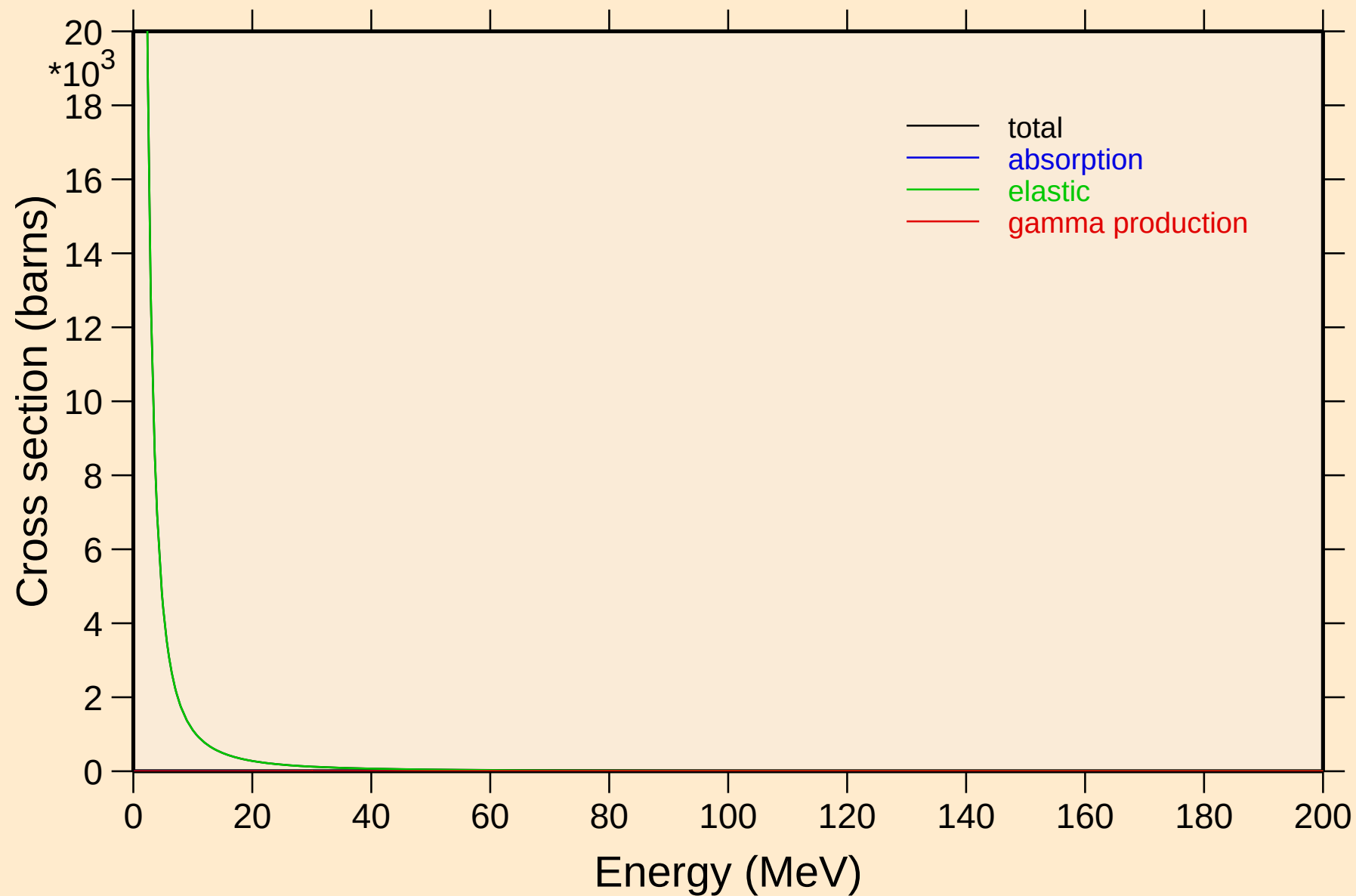
DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K

Heating



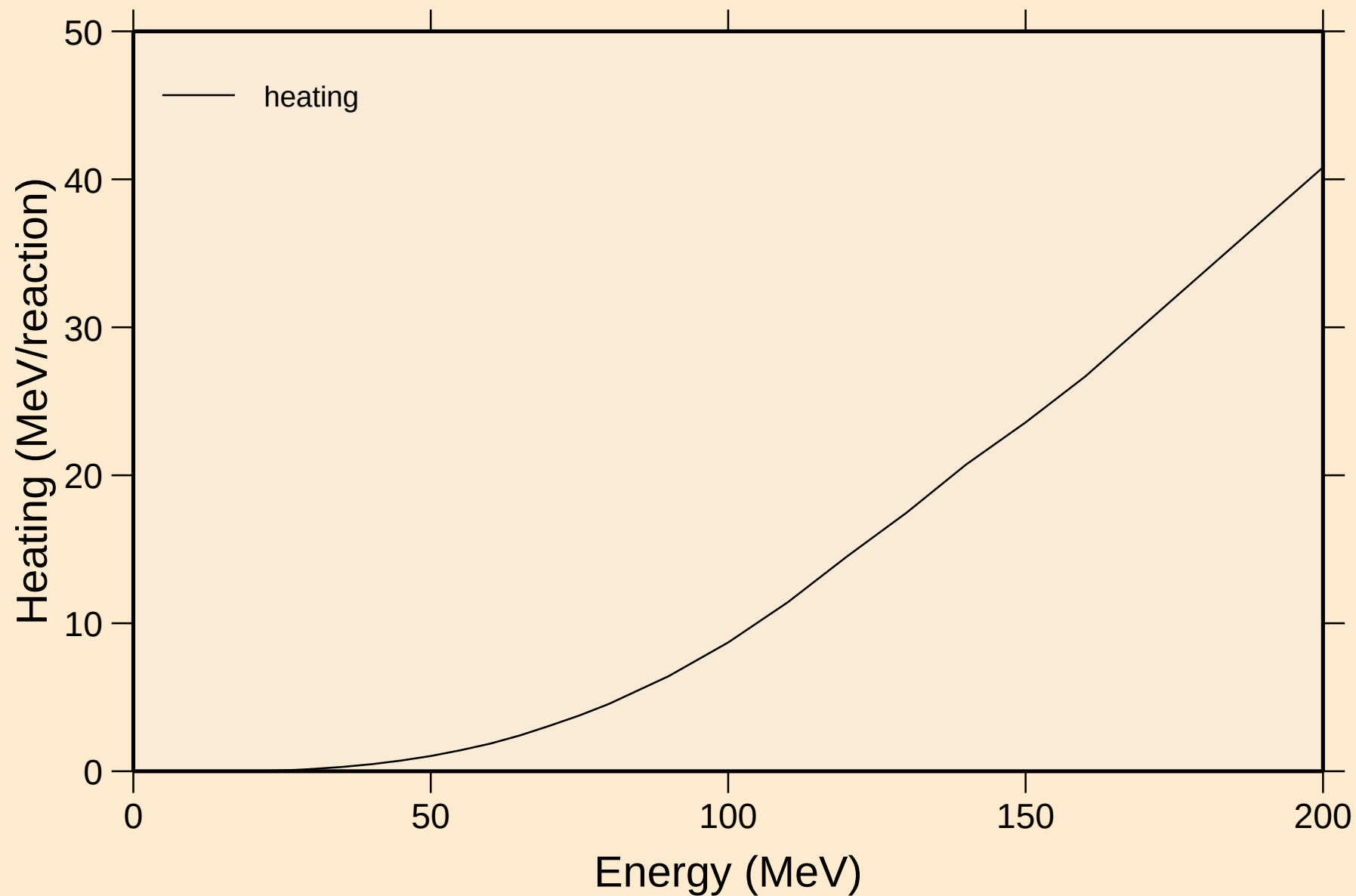
# DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



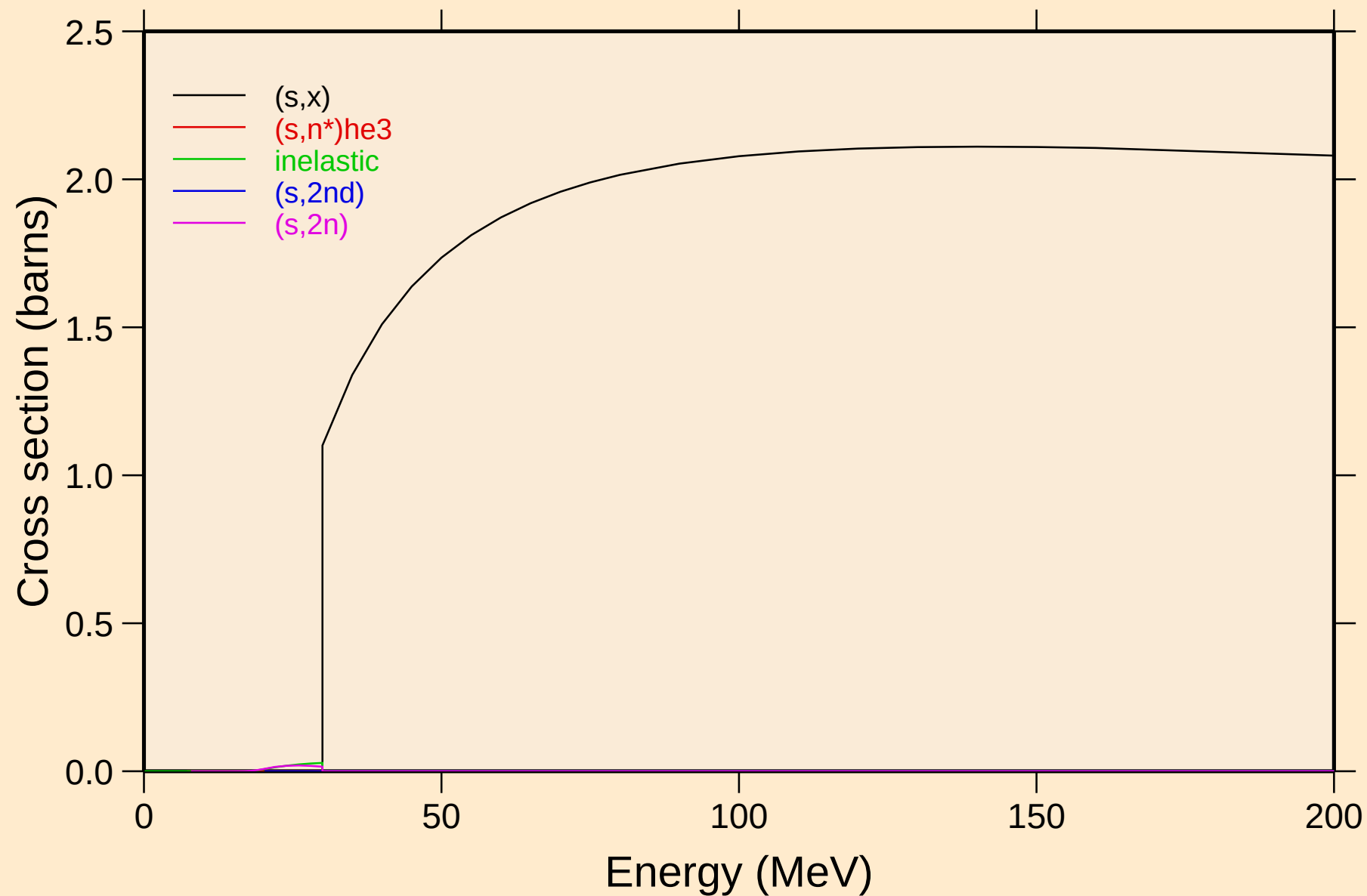
DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K

Heating



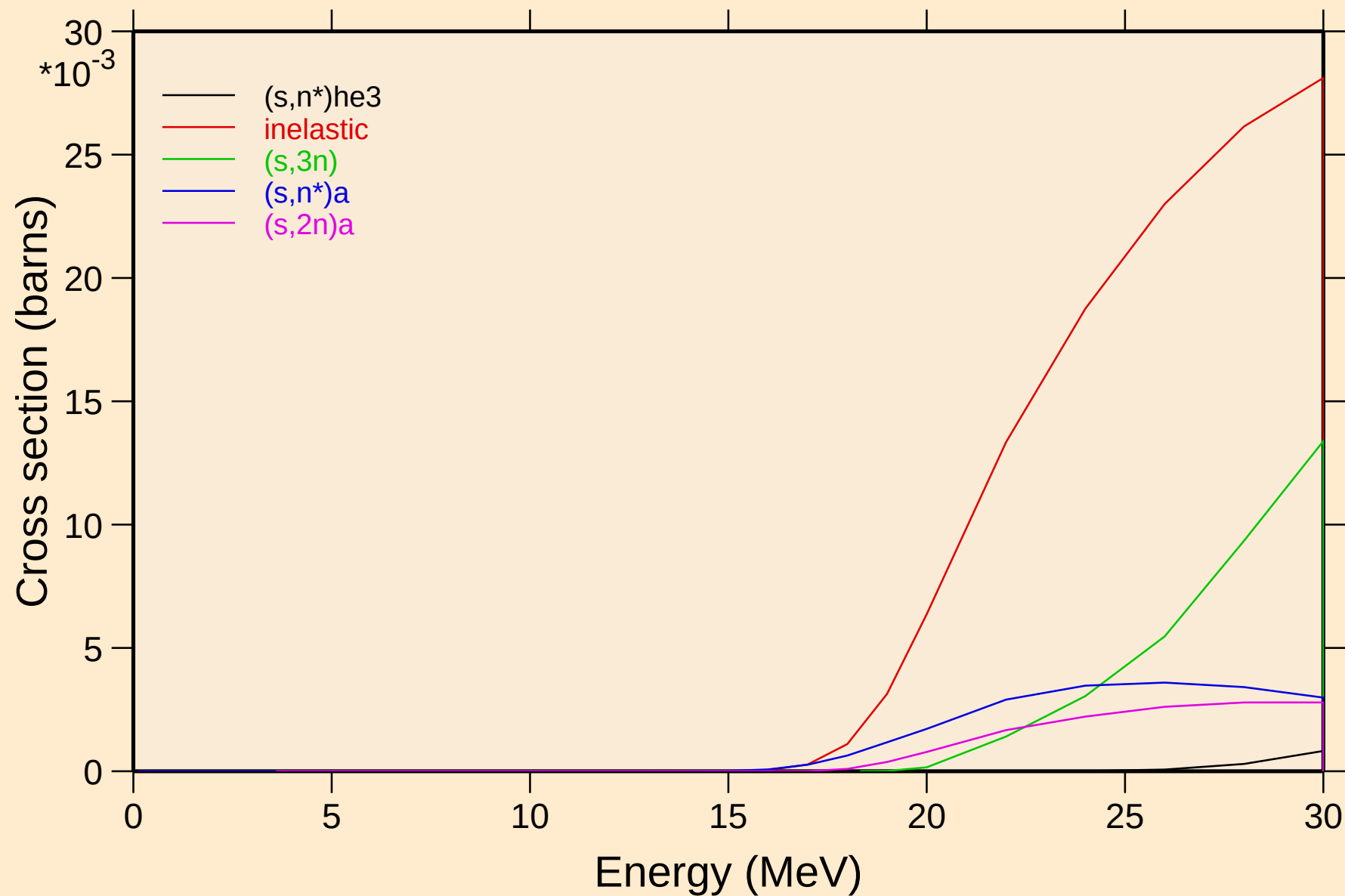
# DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



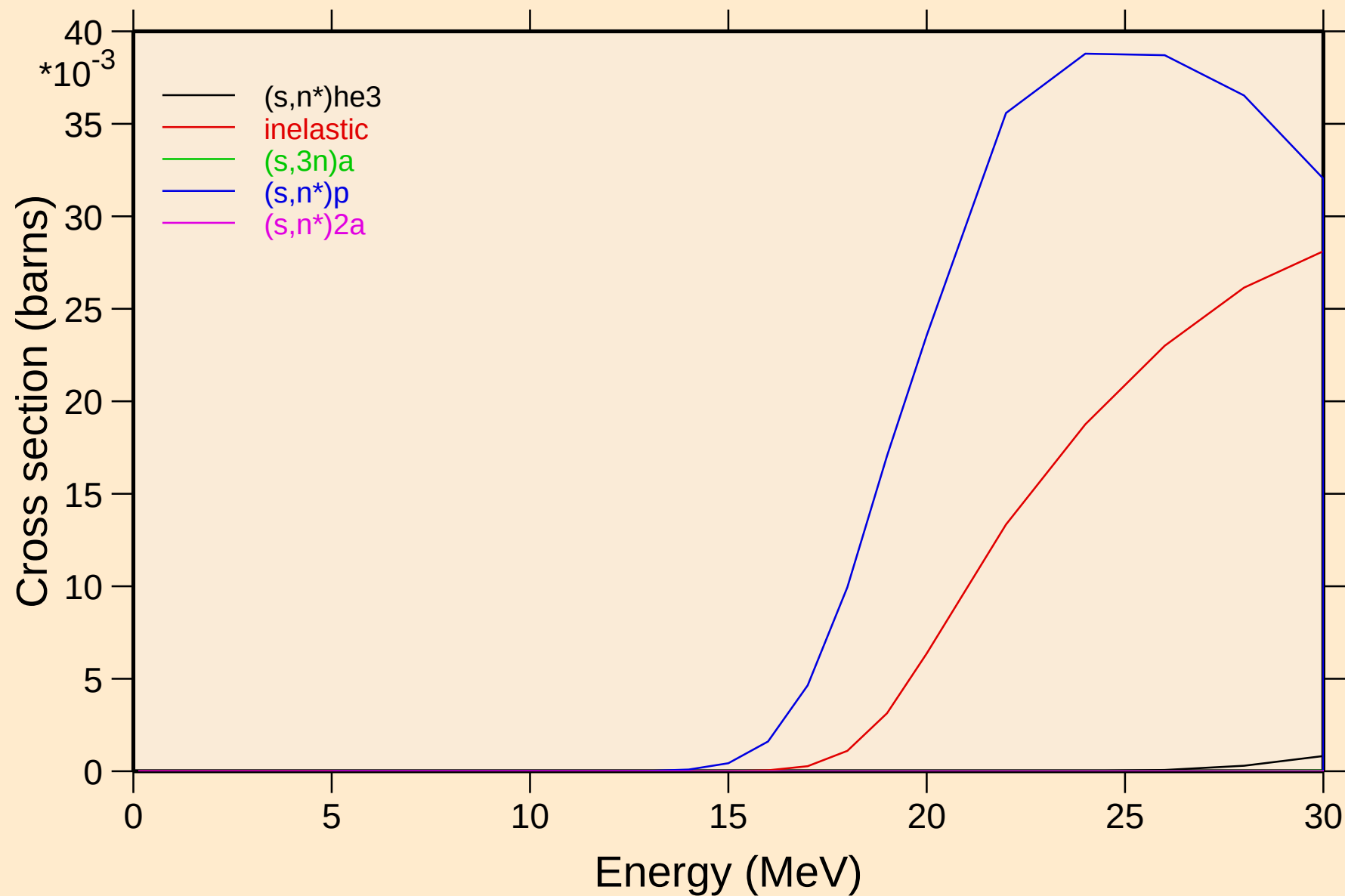
# DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



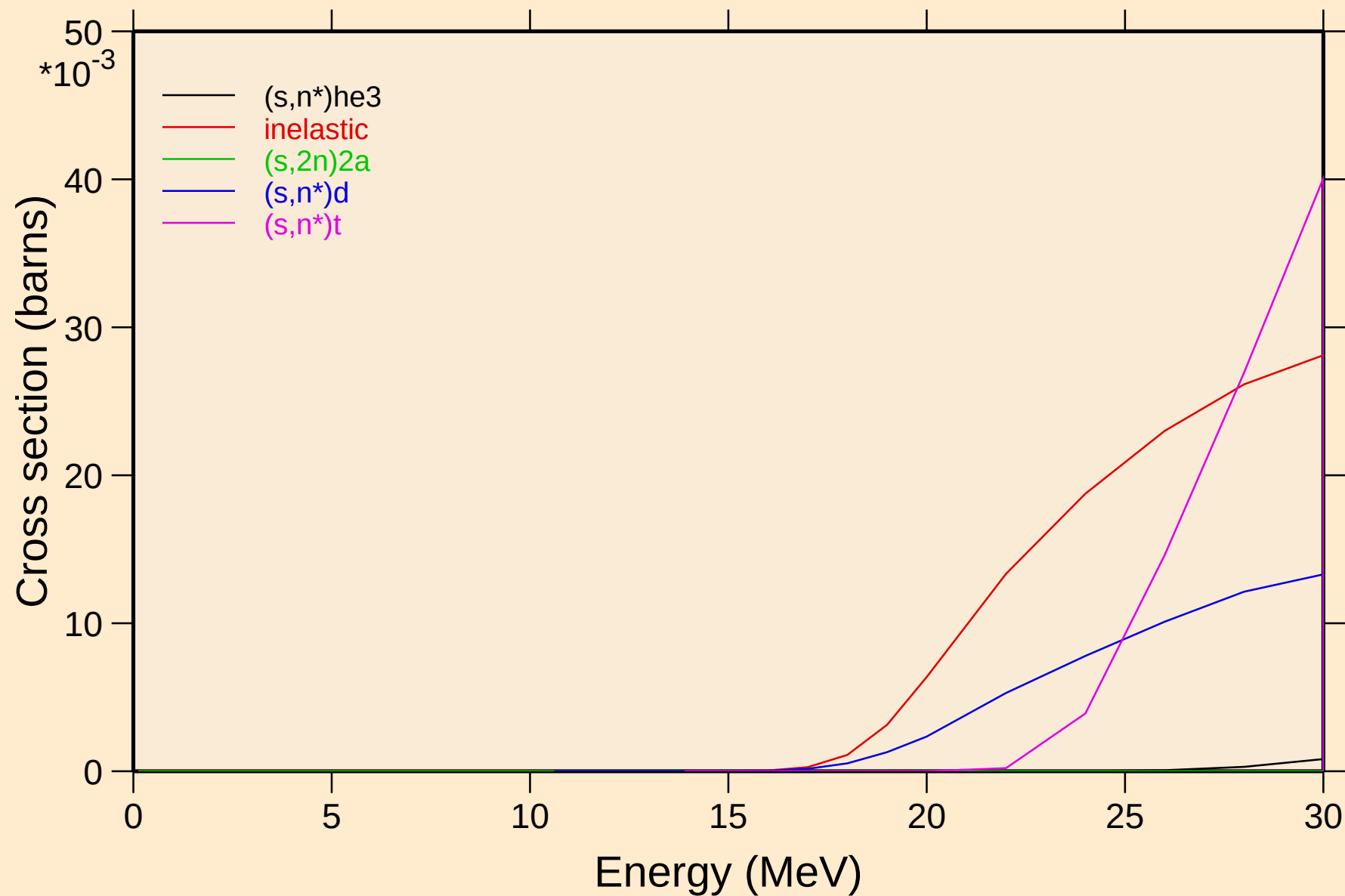
# DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



# DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K

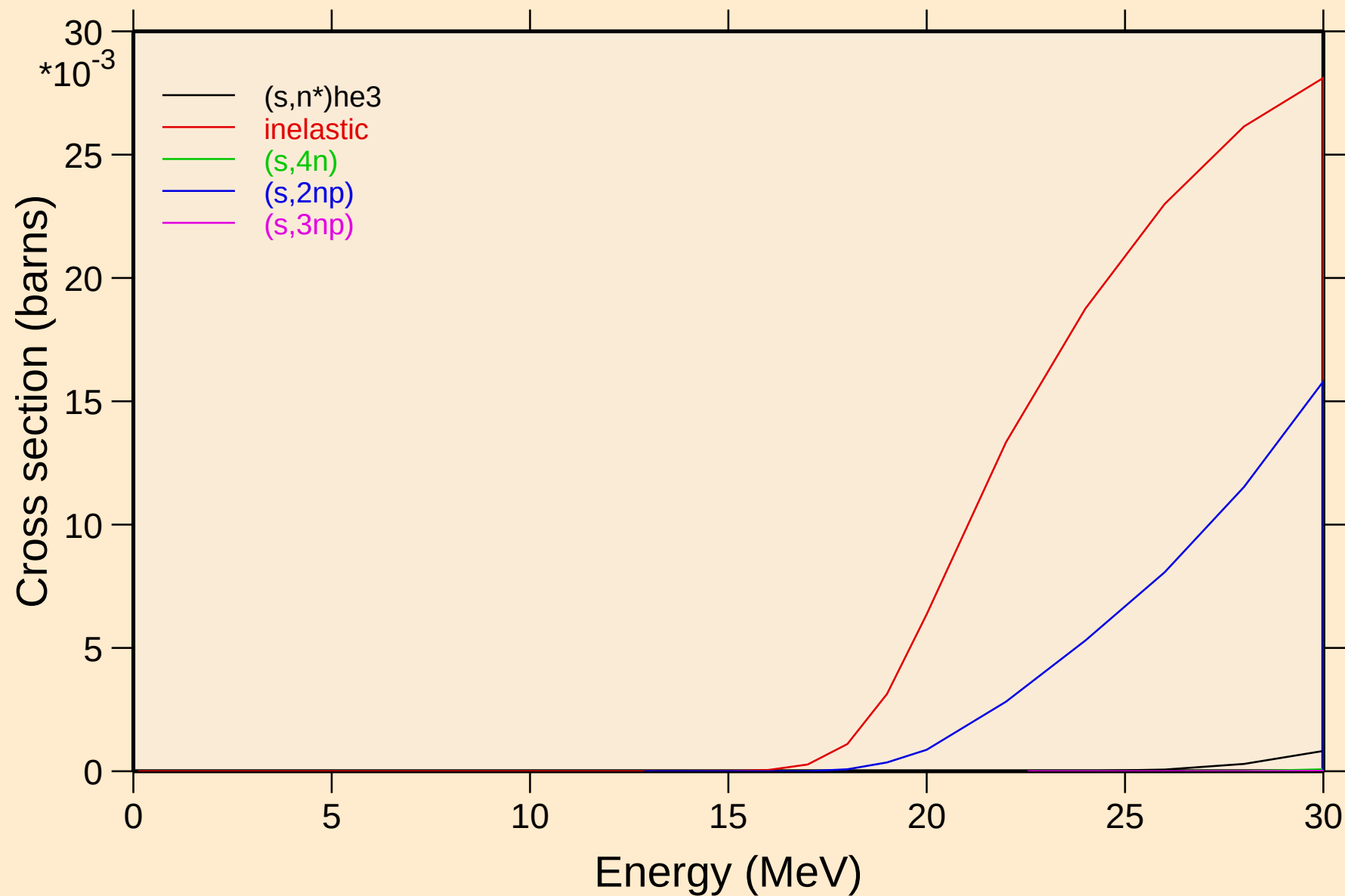
## Threshold reactions





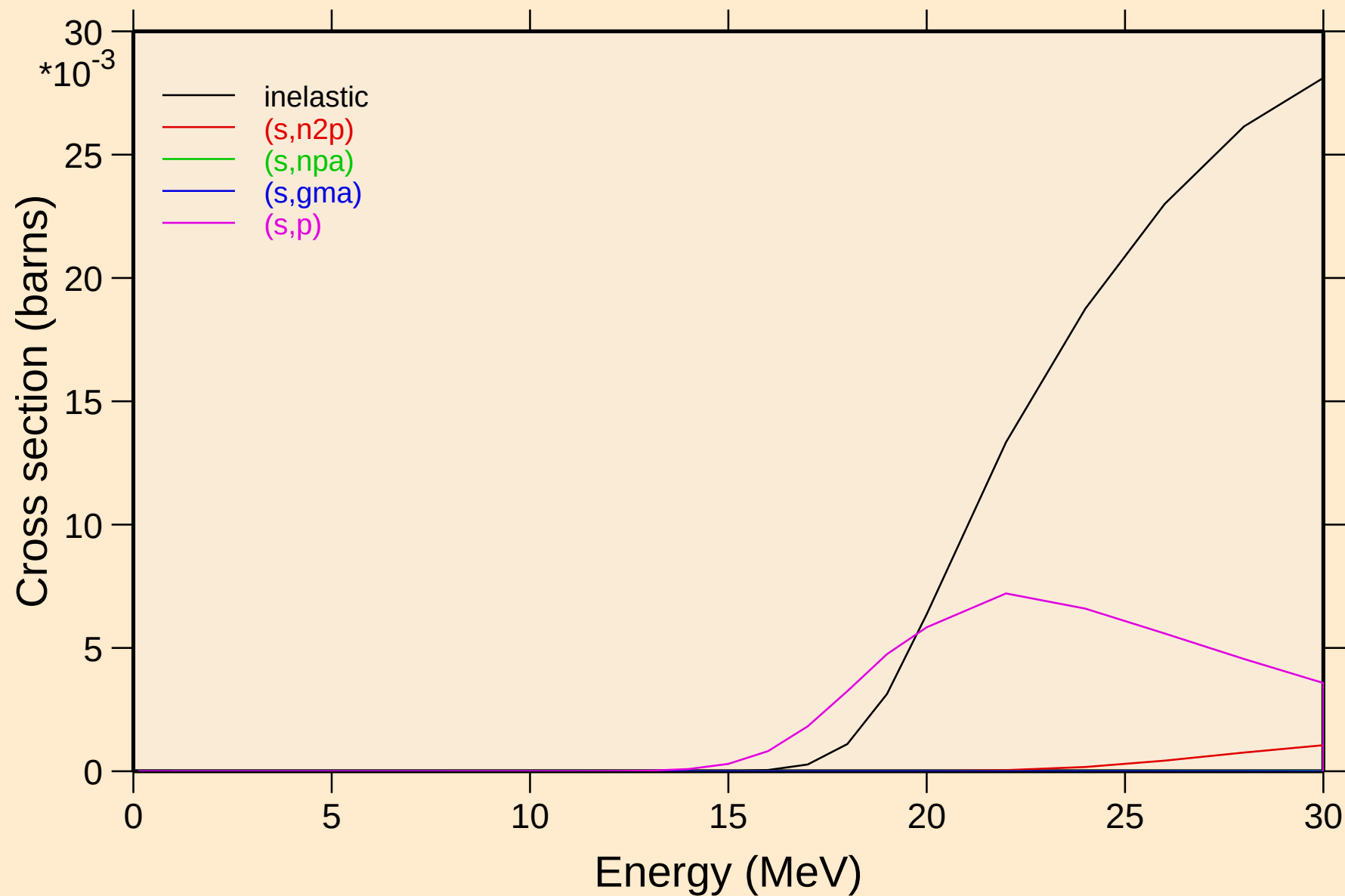
# DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions



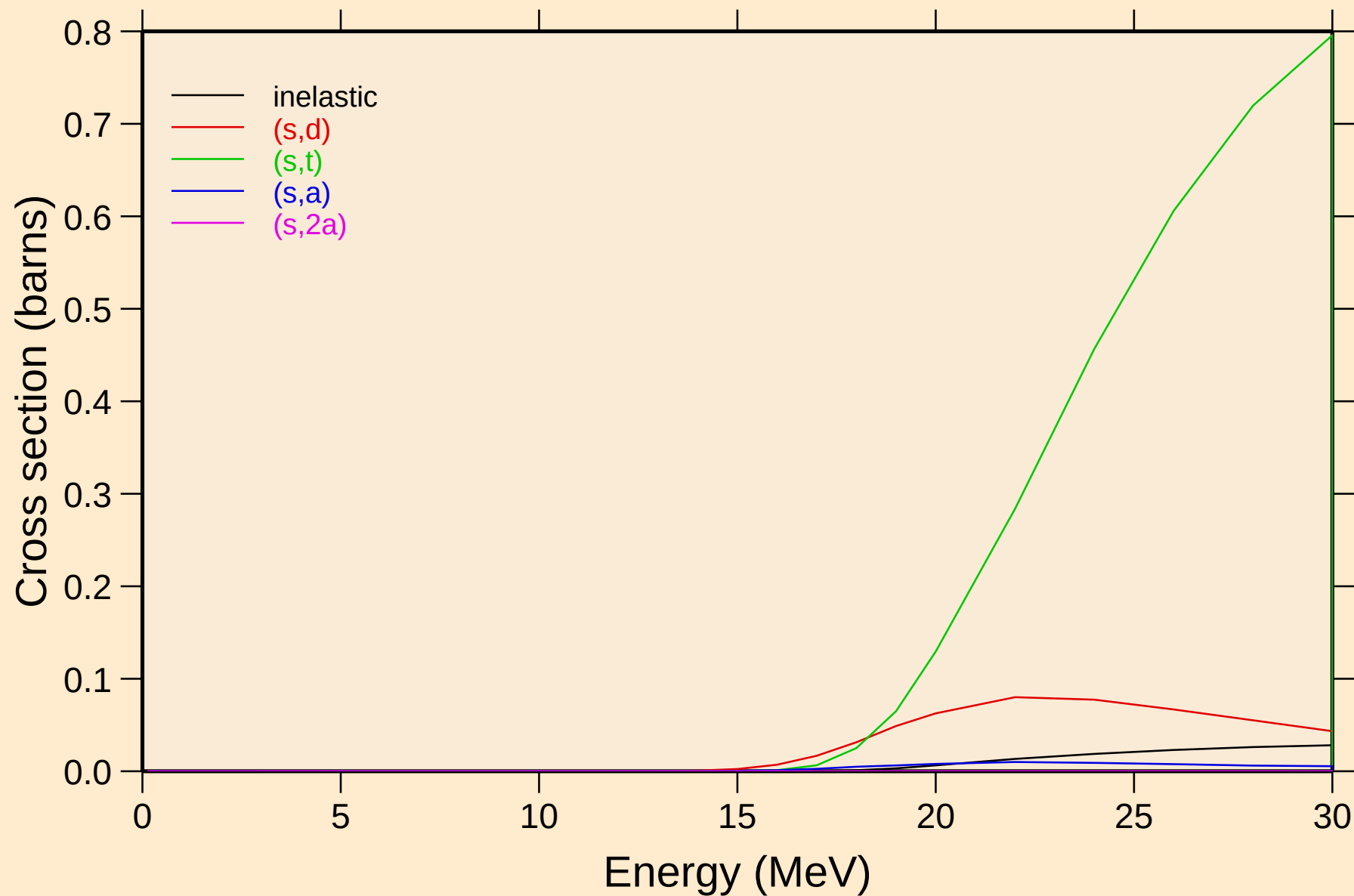
# DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



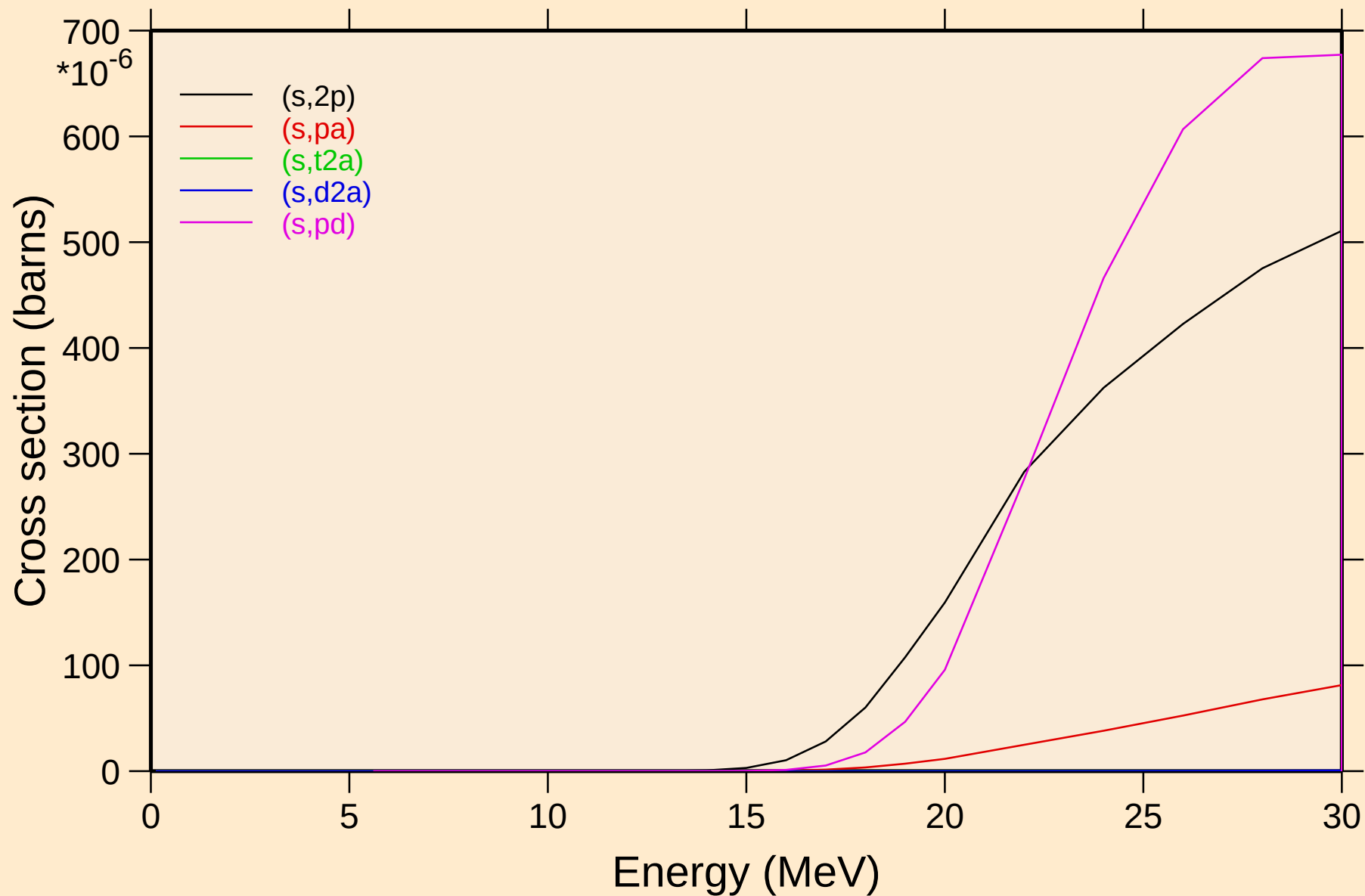
# DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



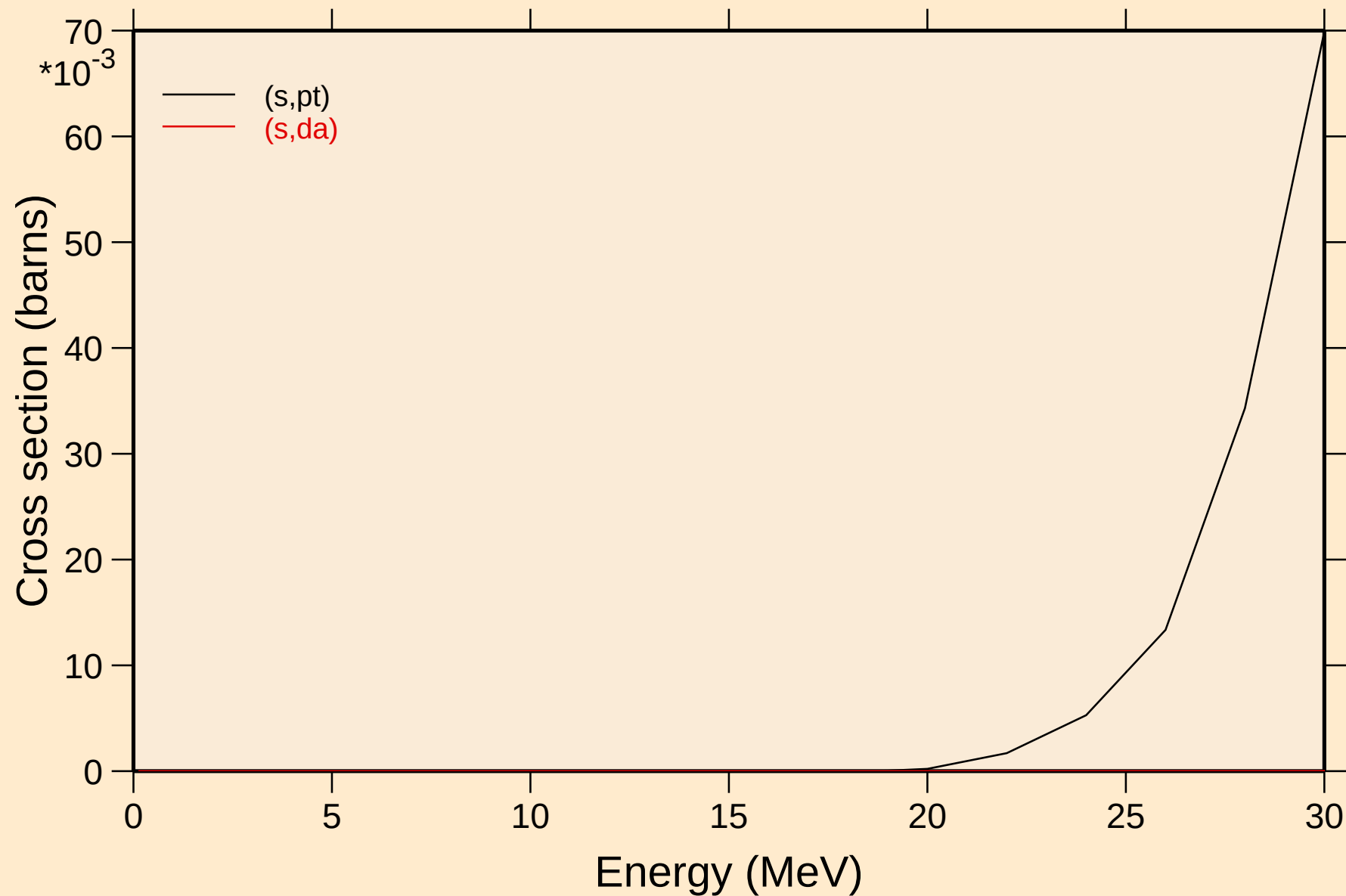
# DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

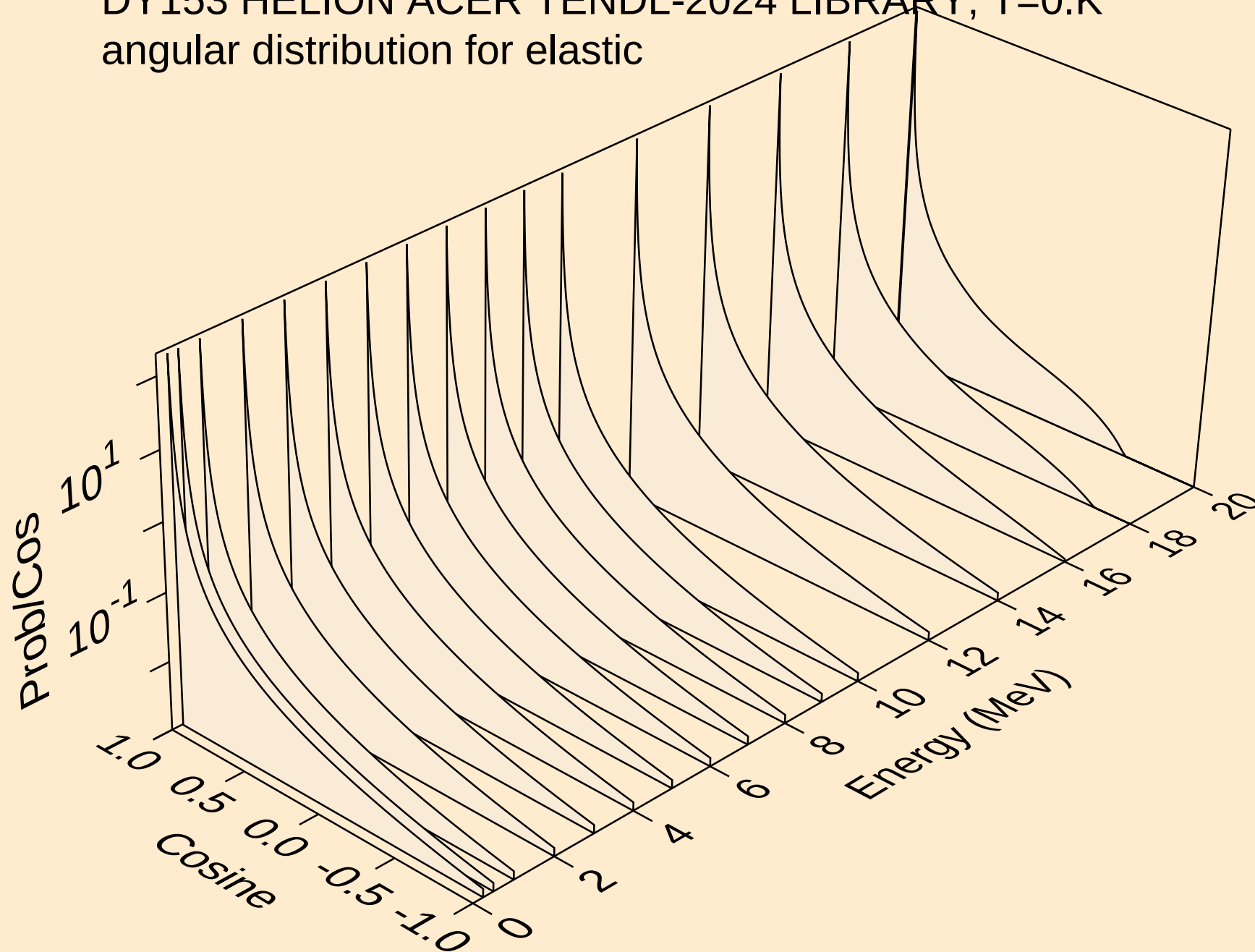


# DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K

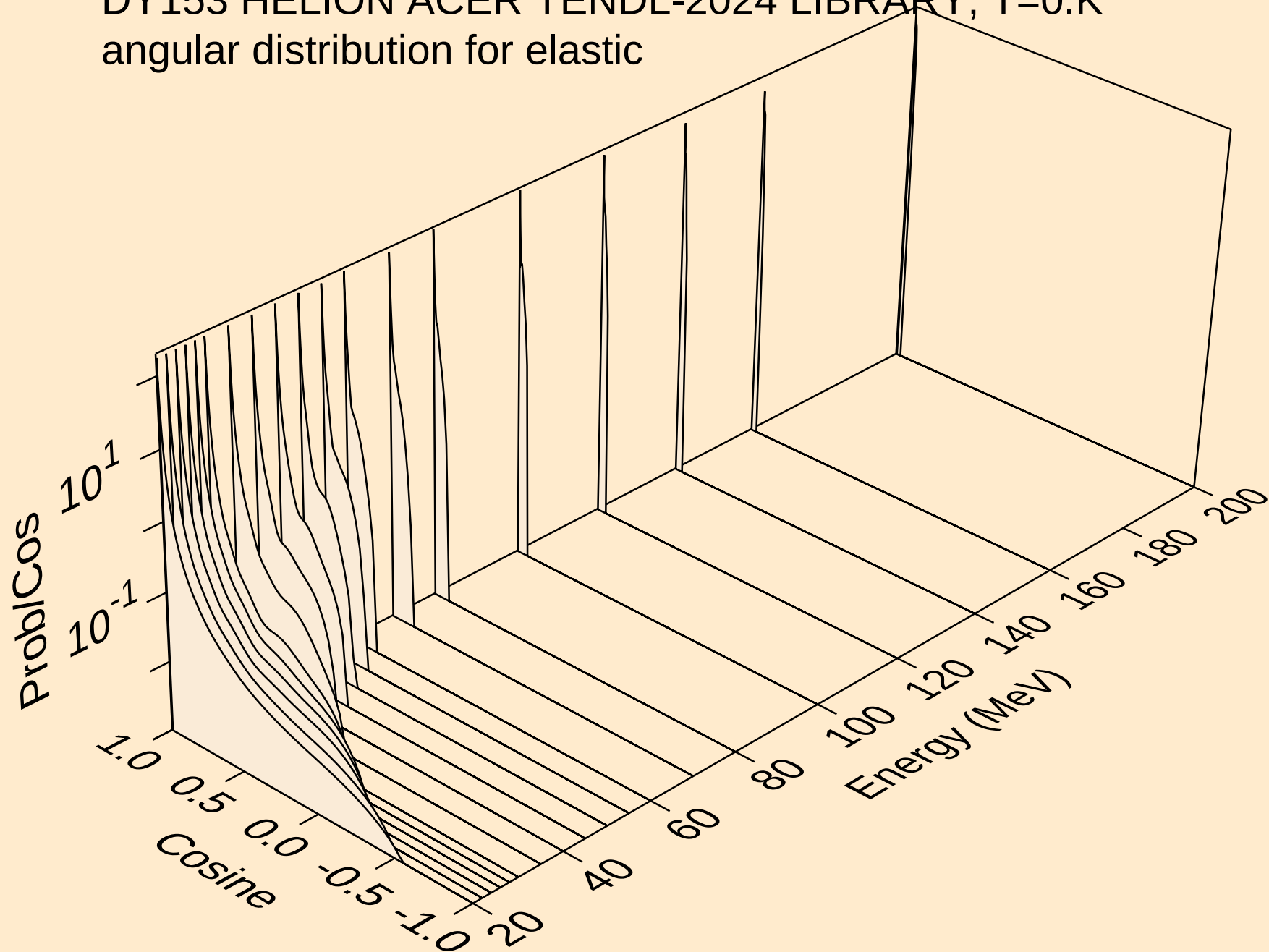
Threshold reactions



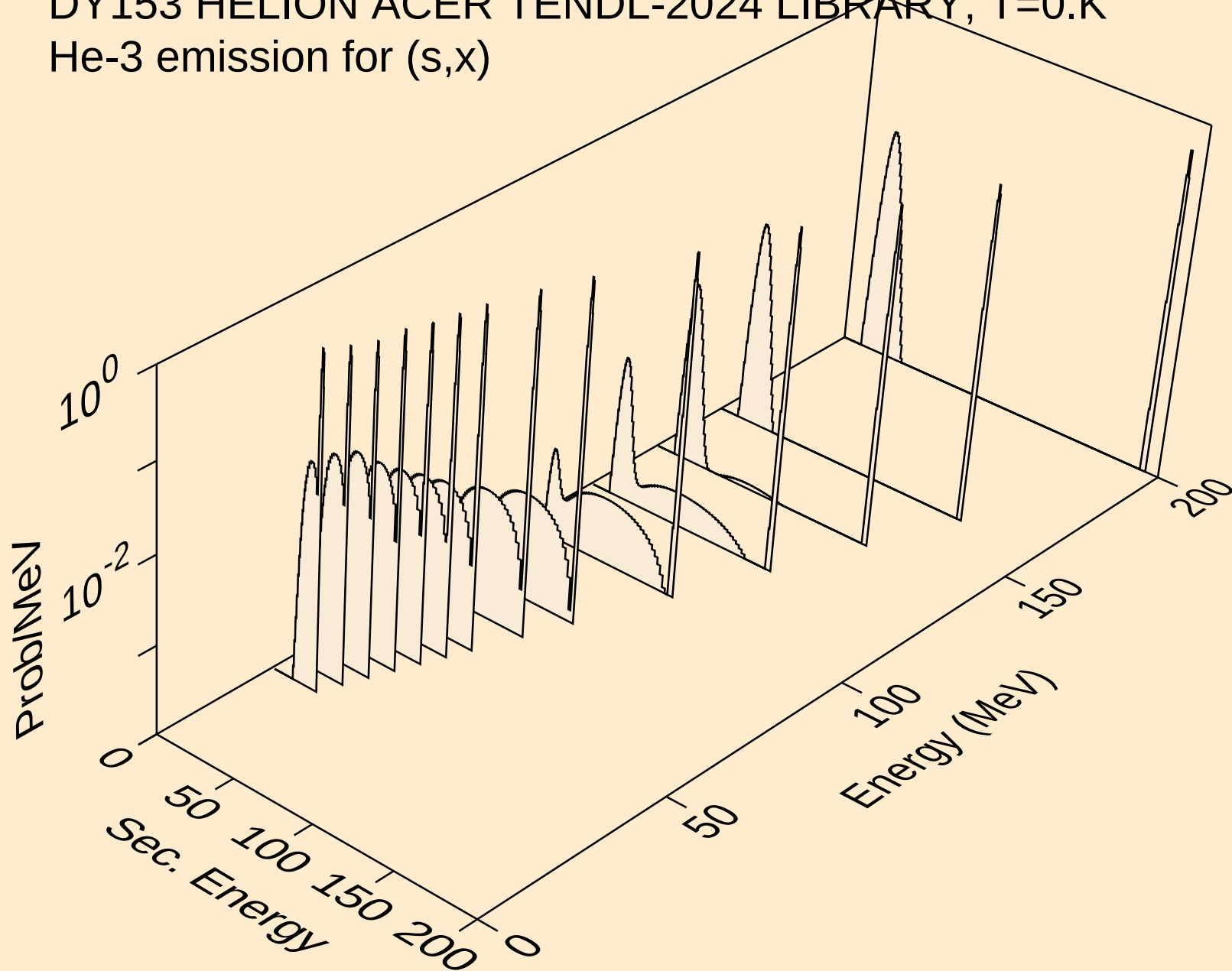
DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

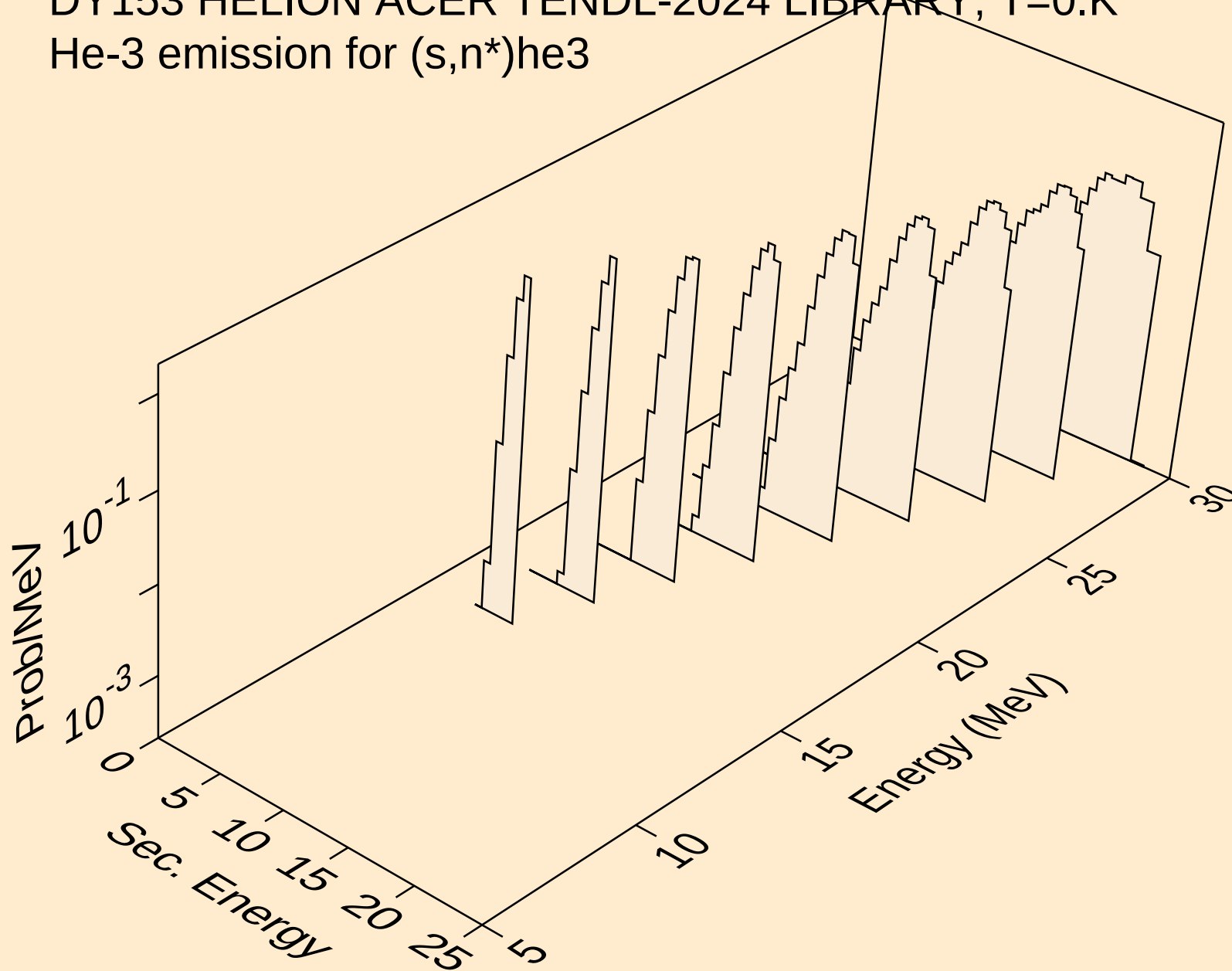


DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for (s,x)

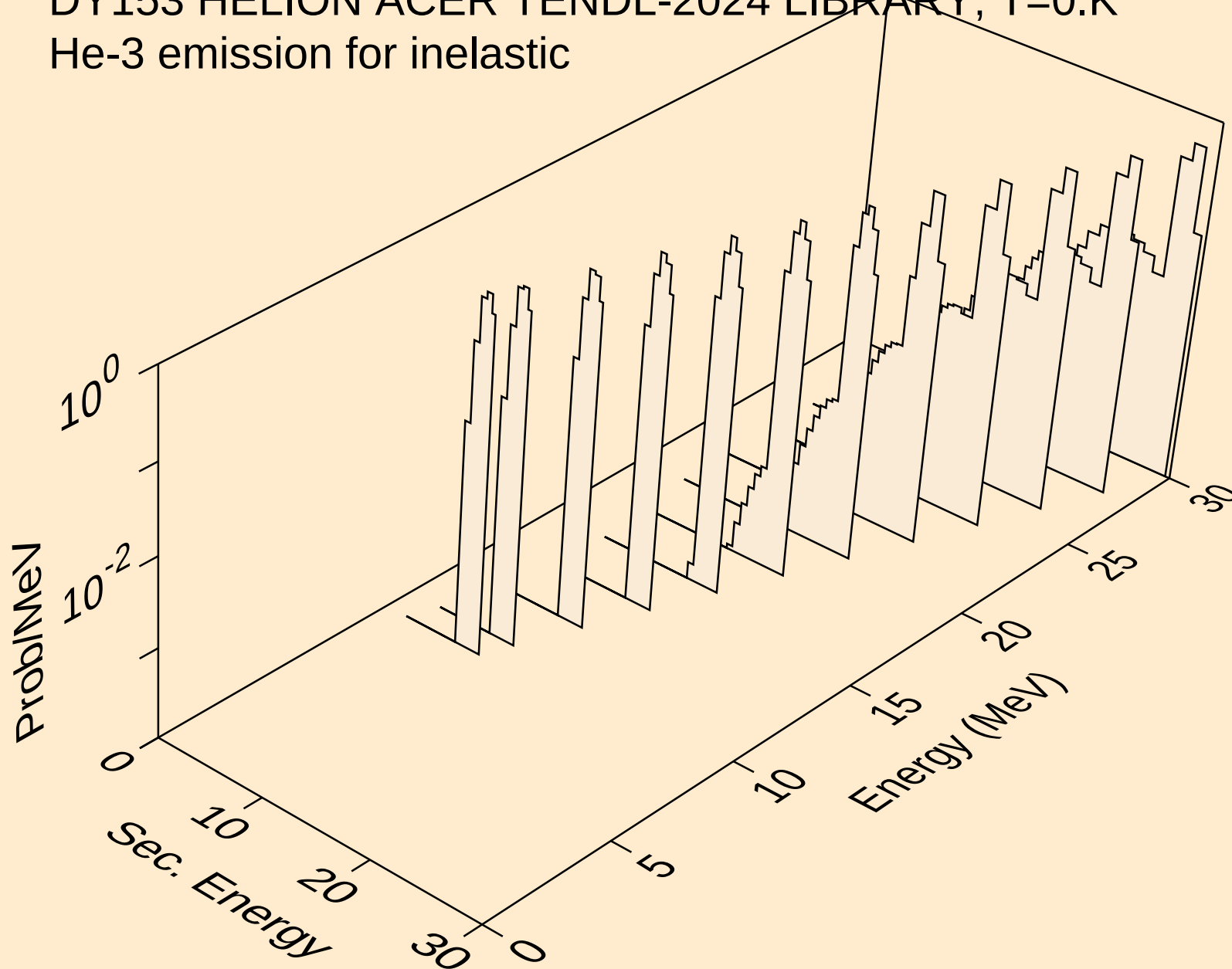




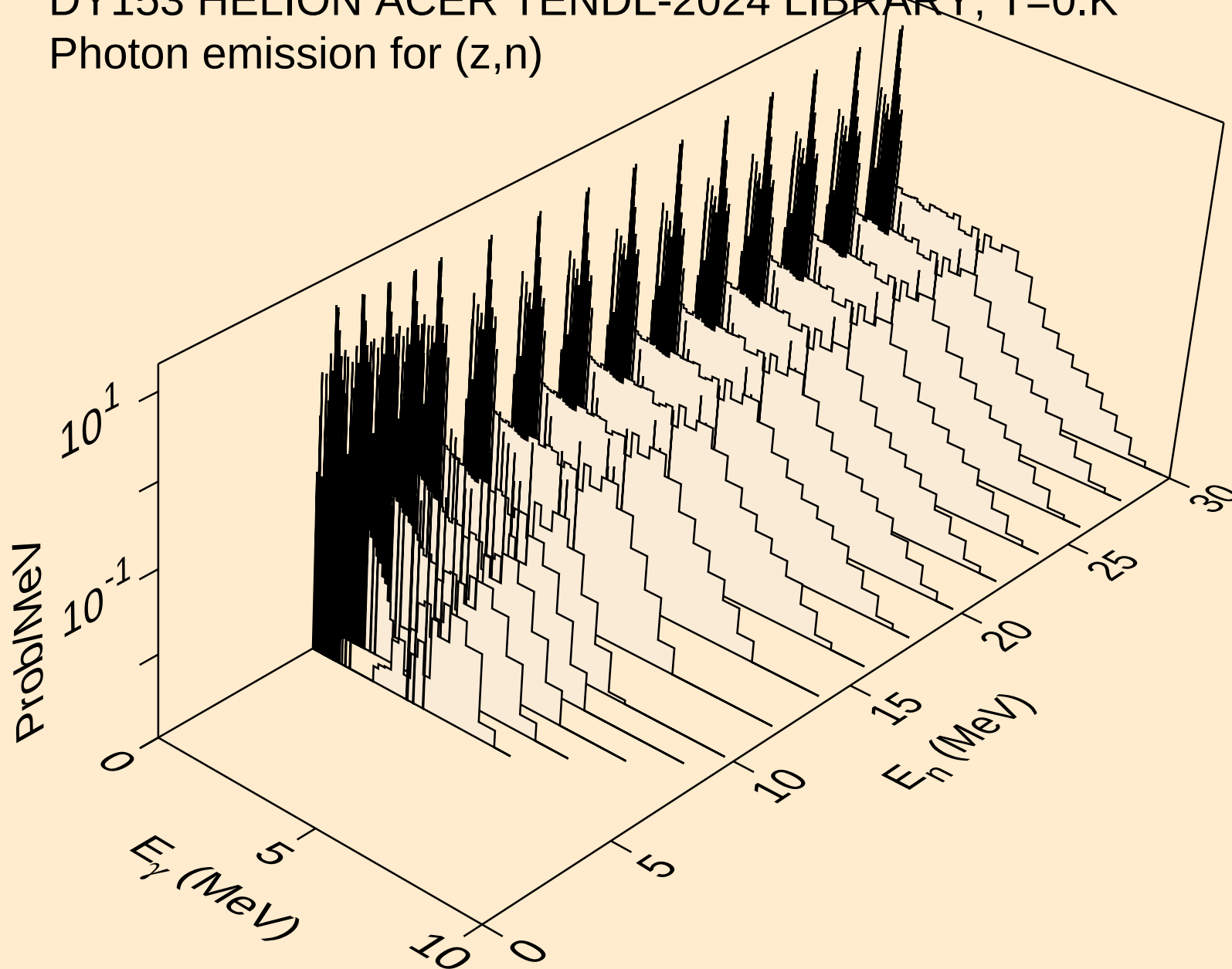
DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3



DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for inelastic

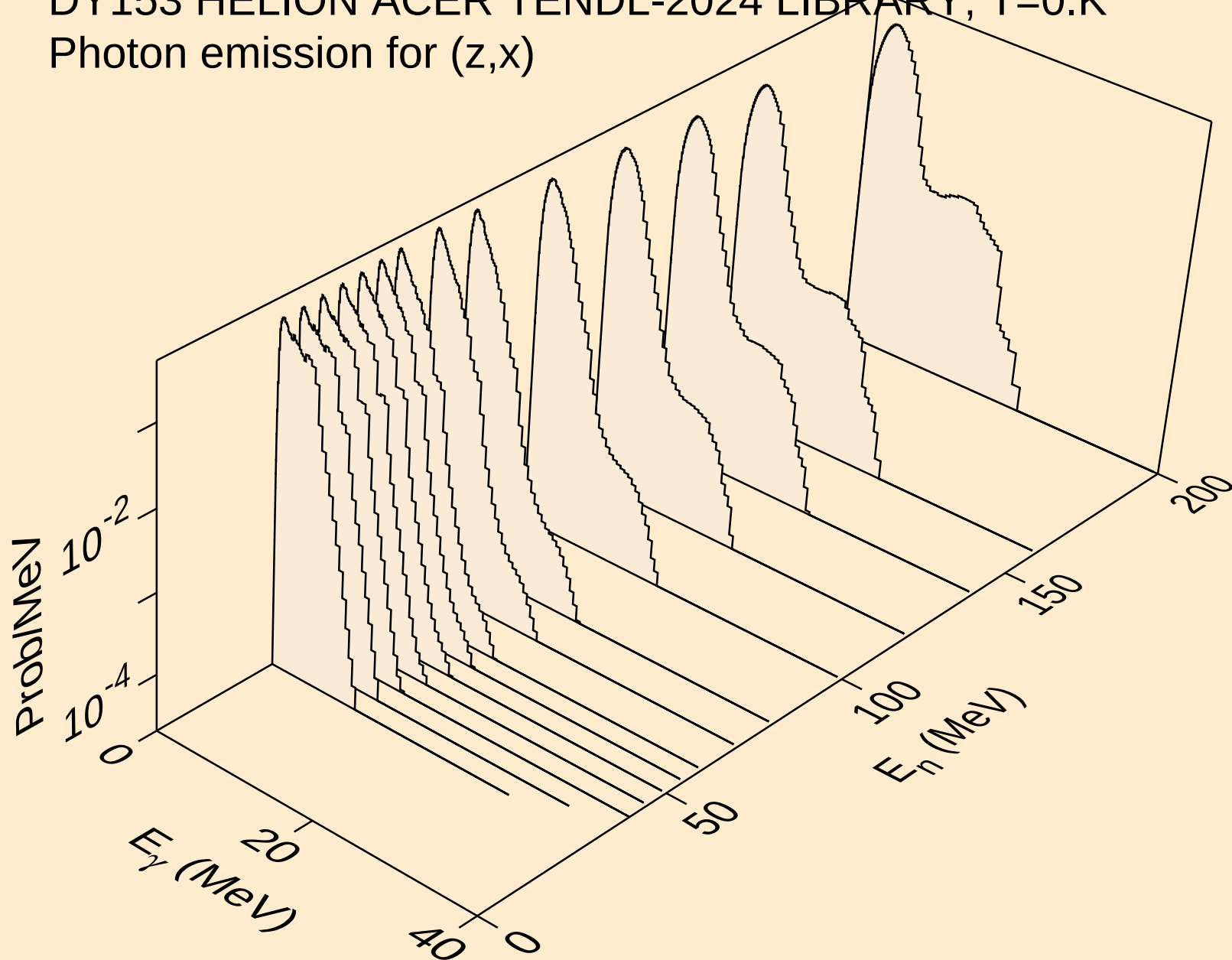


DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,n)

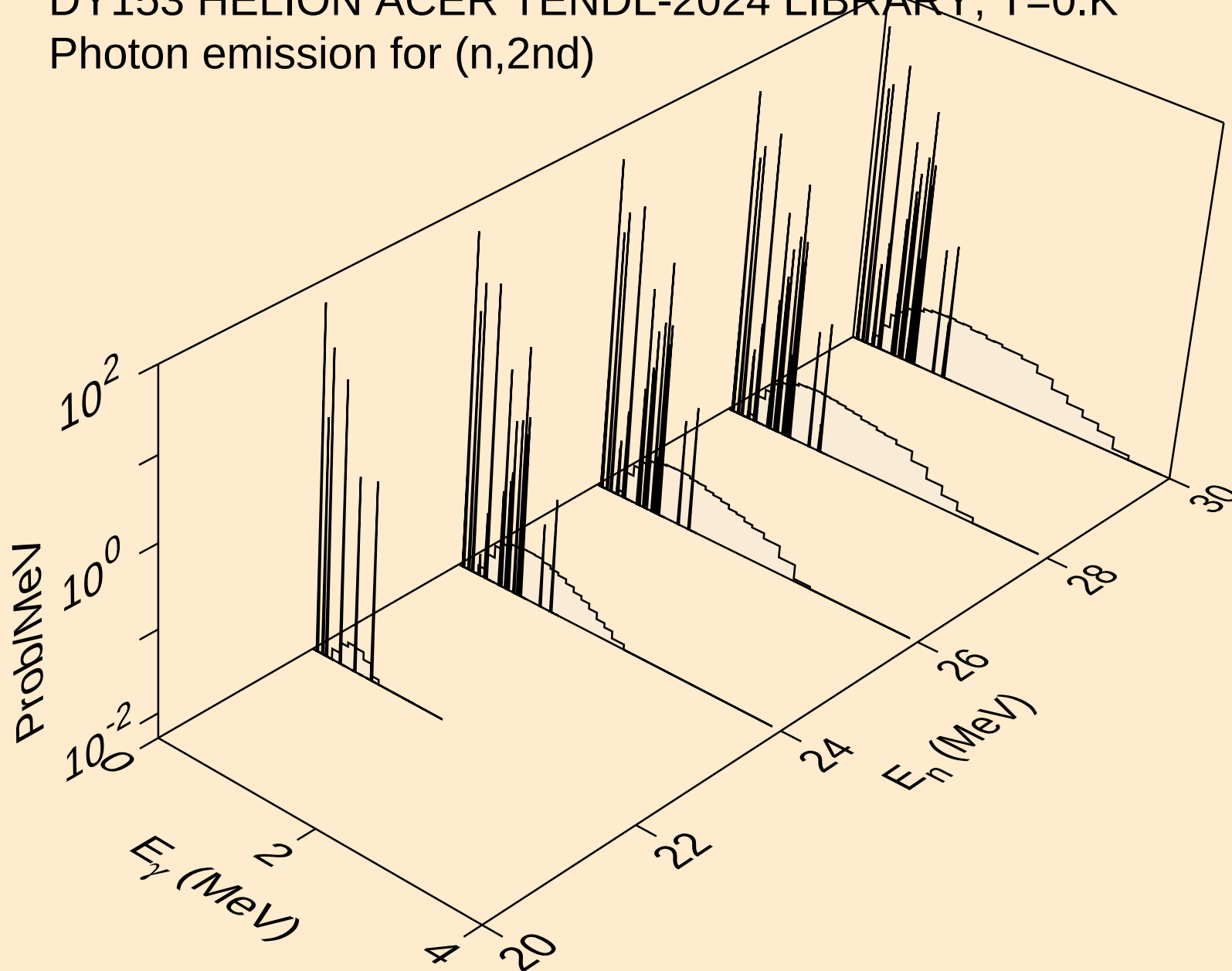


DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K

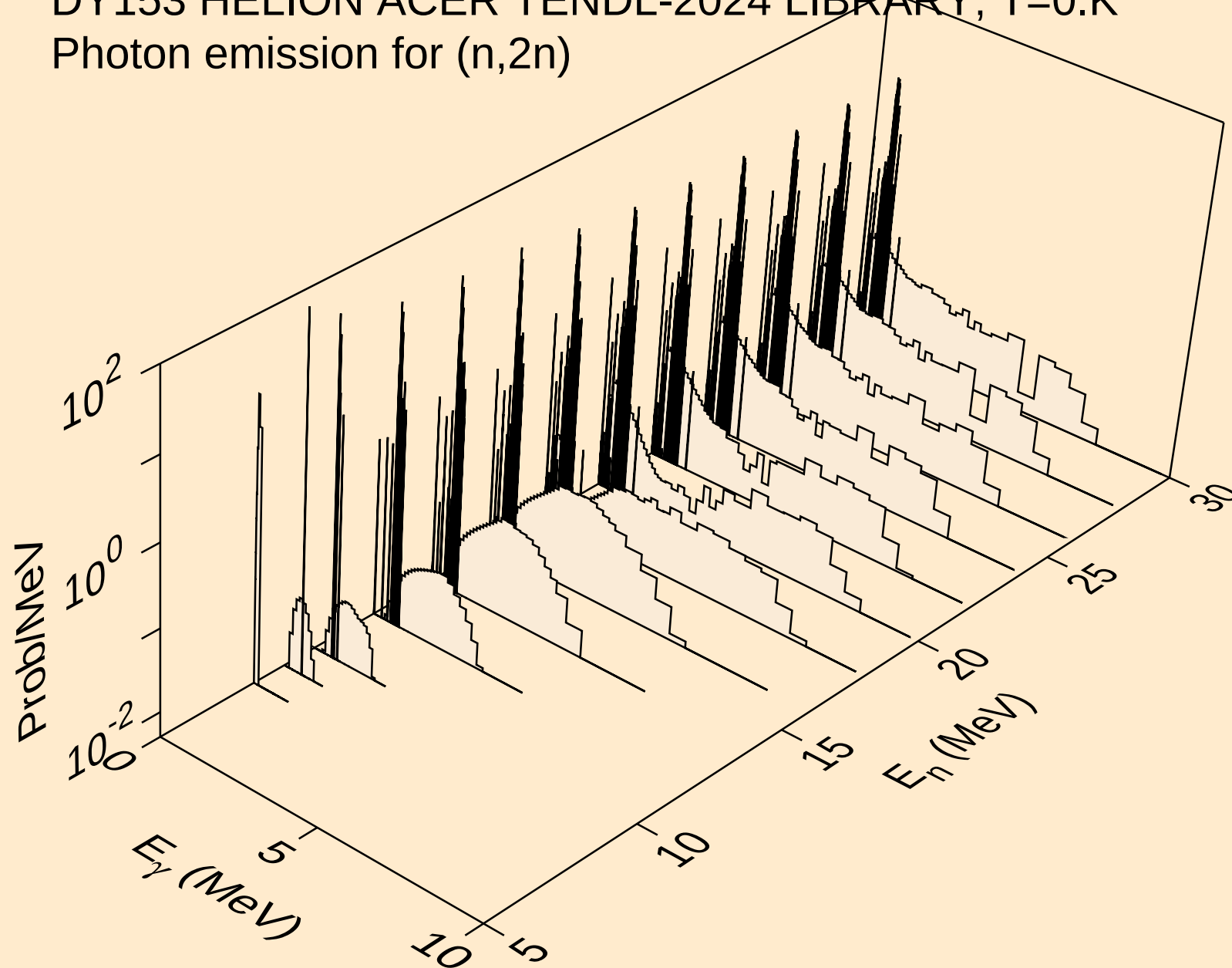
Photon emission for (z,x)



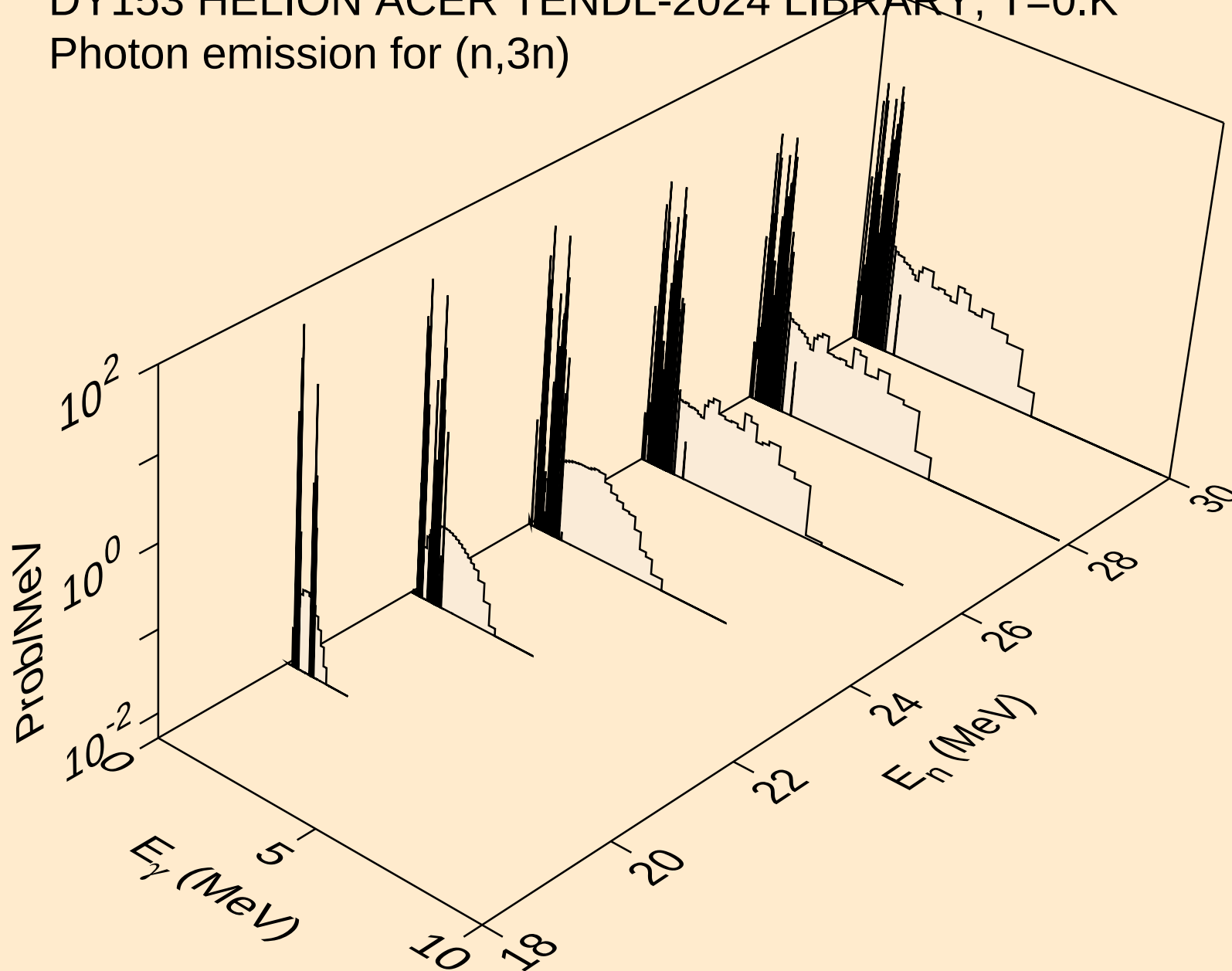
DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)

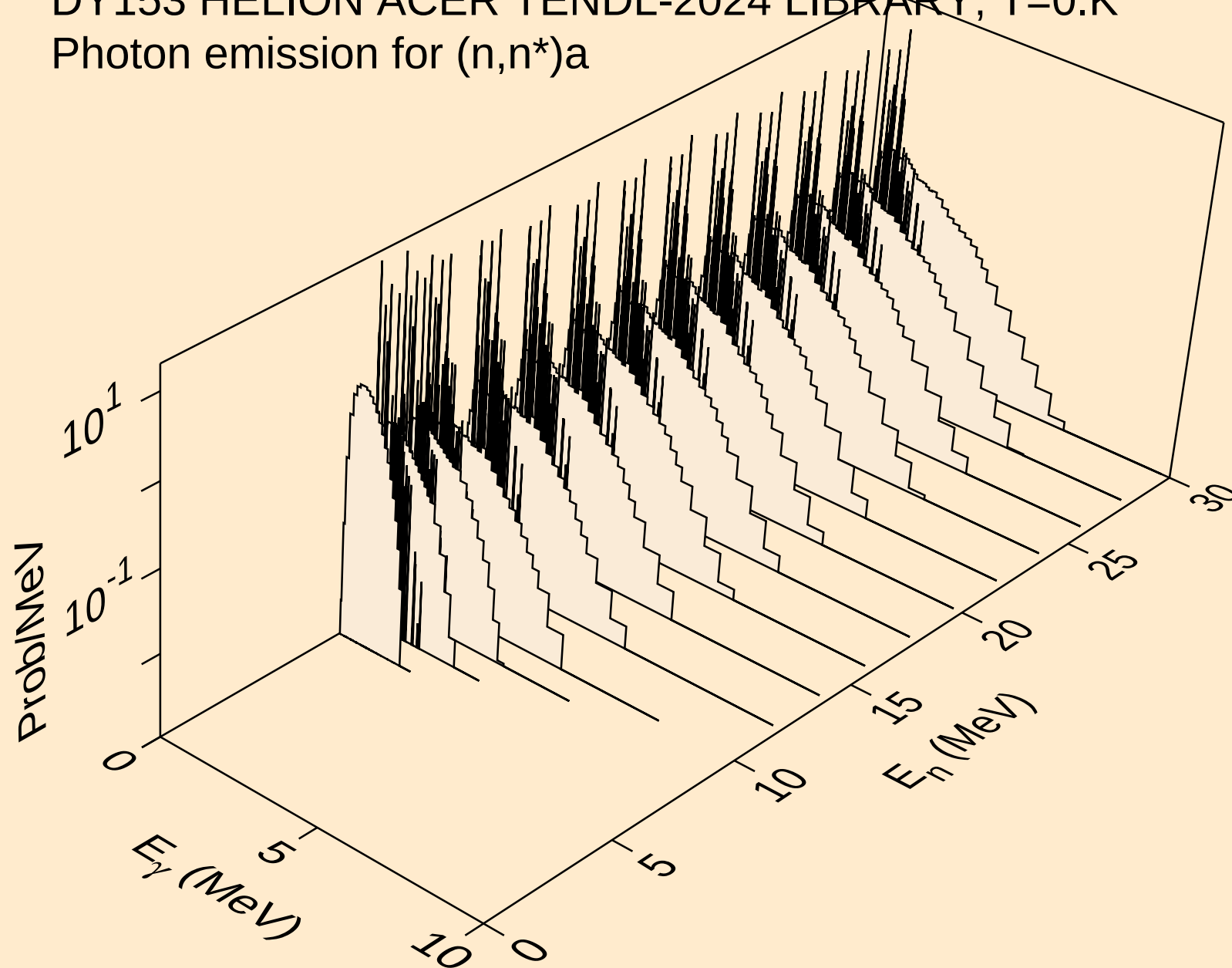


DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K

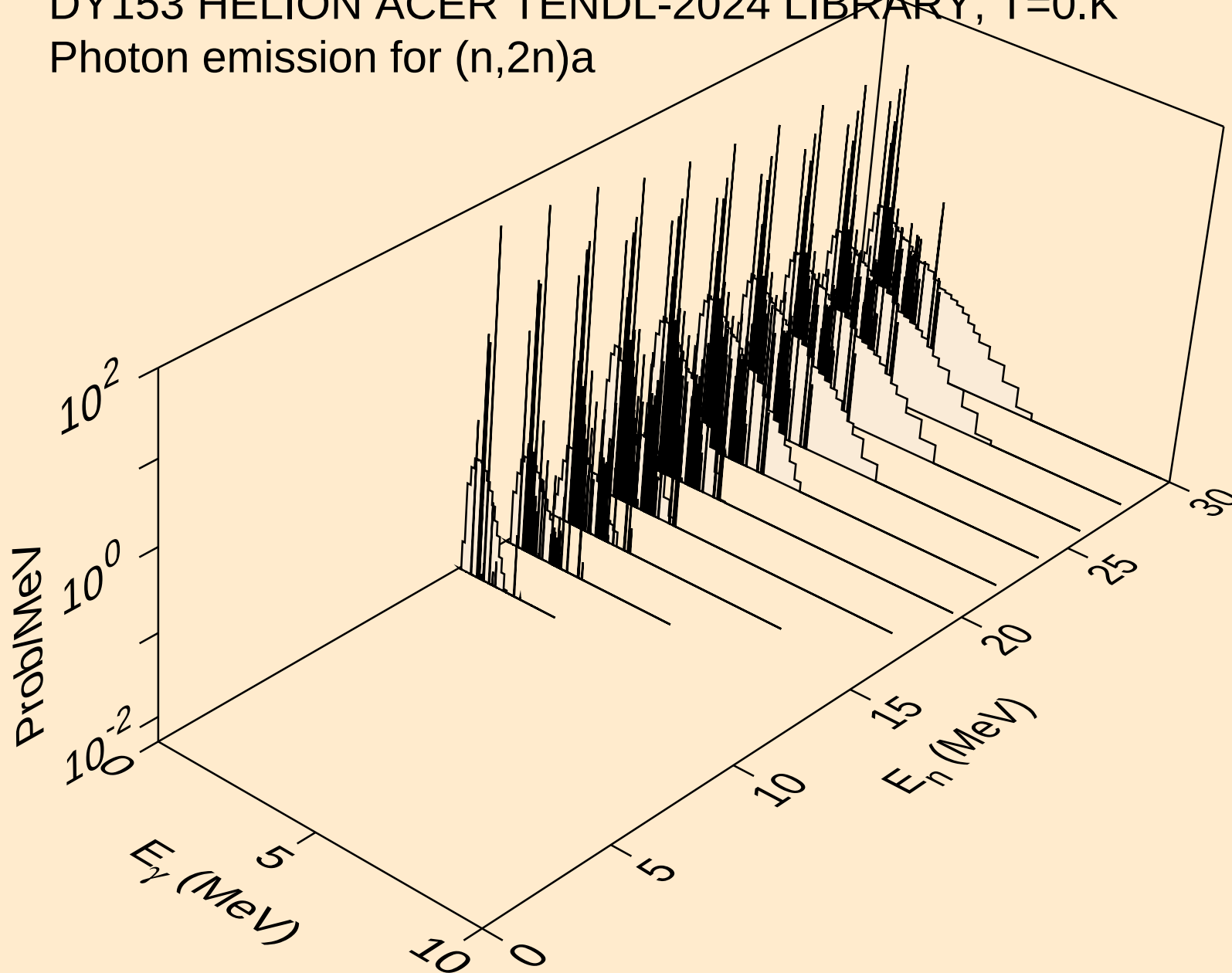
Photon emission for (n,n\*)a





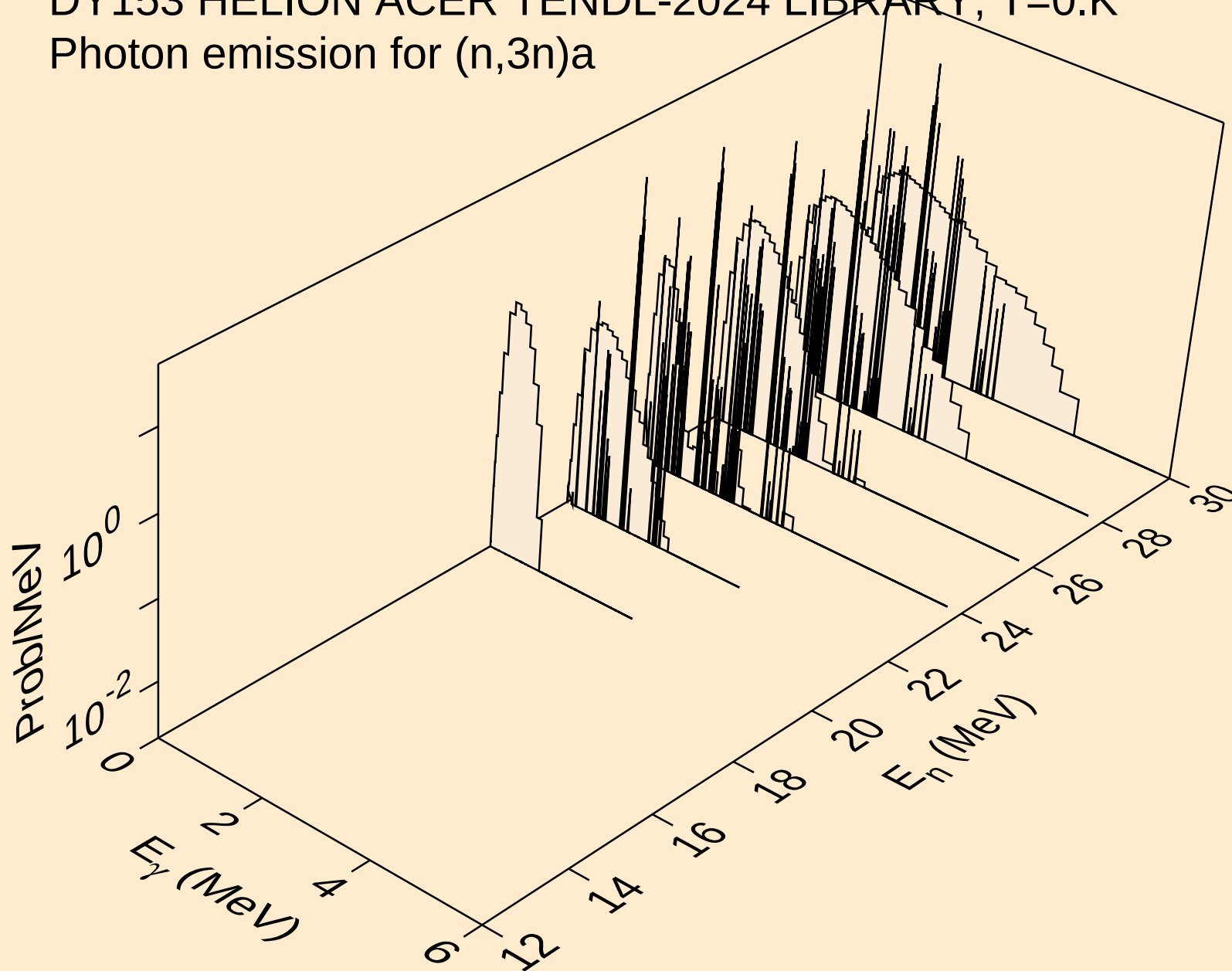
DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K

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



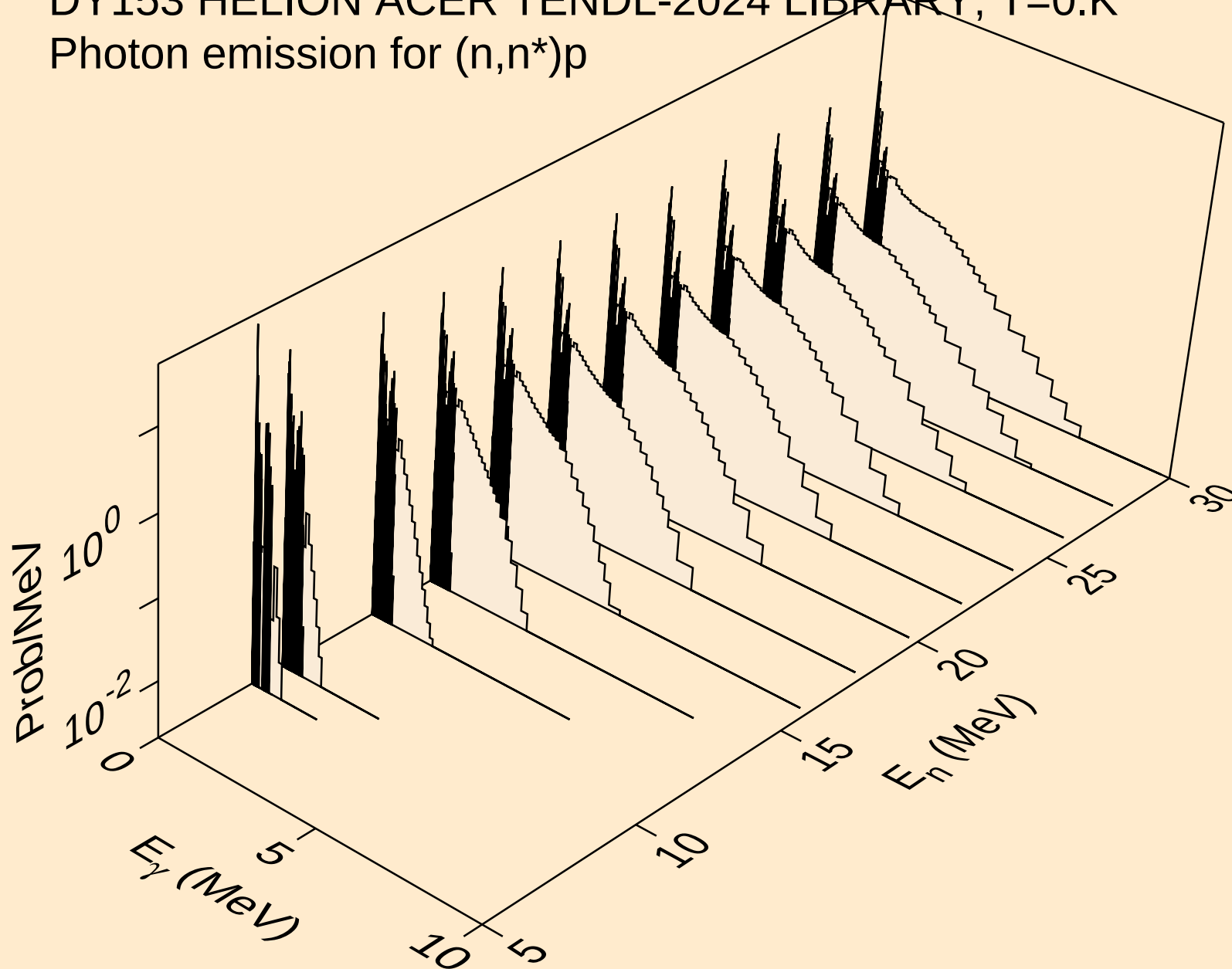
DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,3n)a



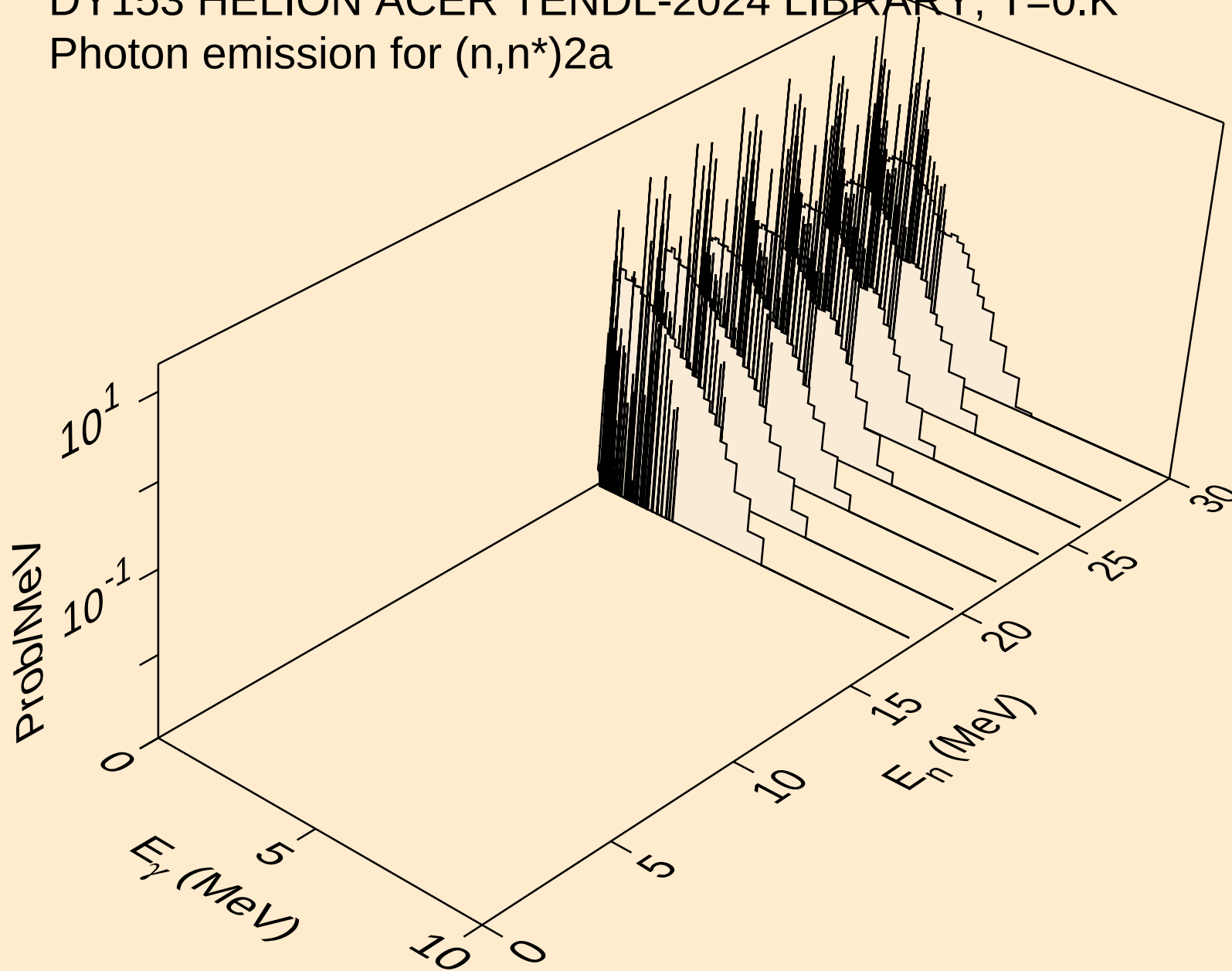
DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)p



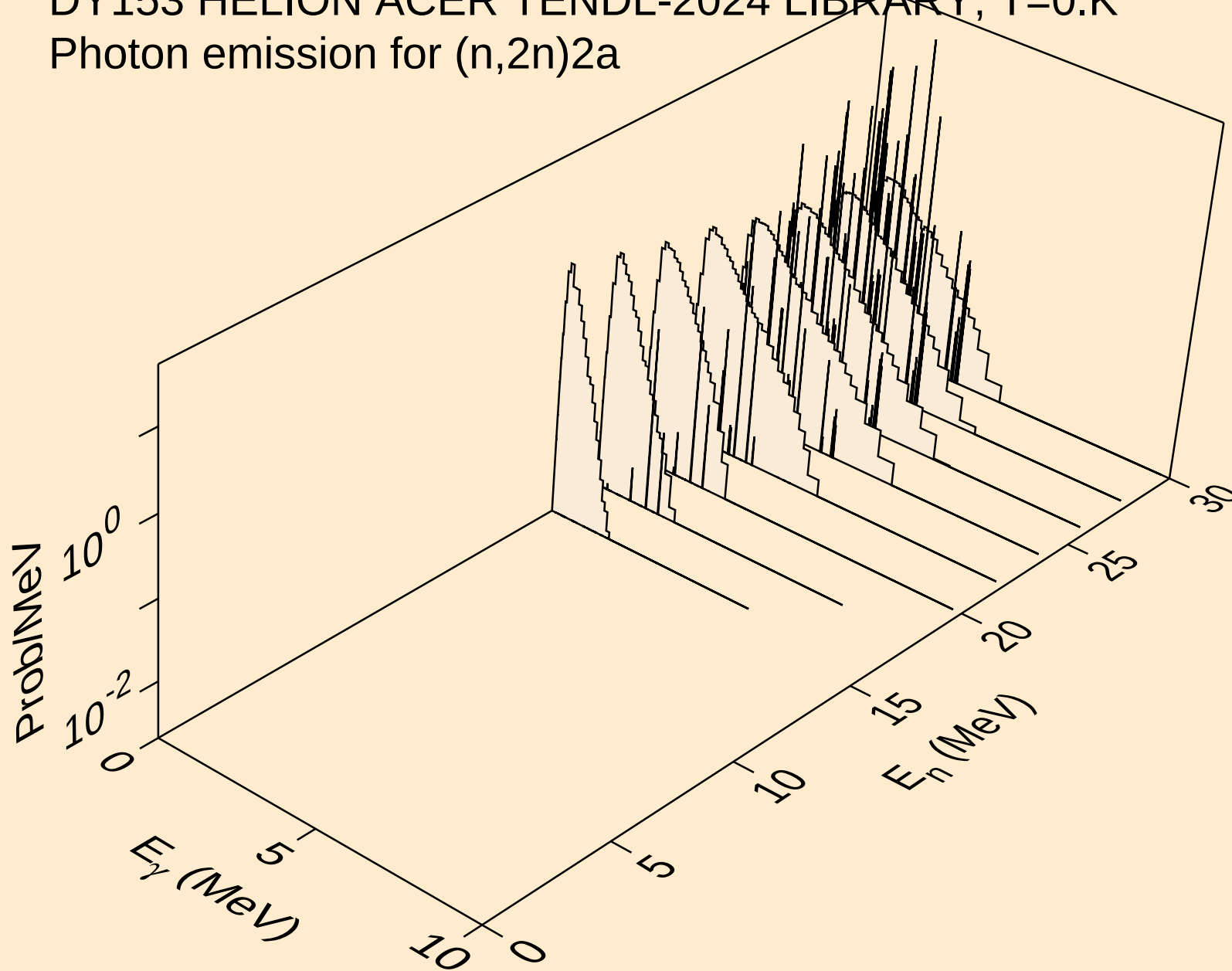
DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K

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



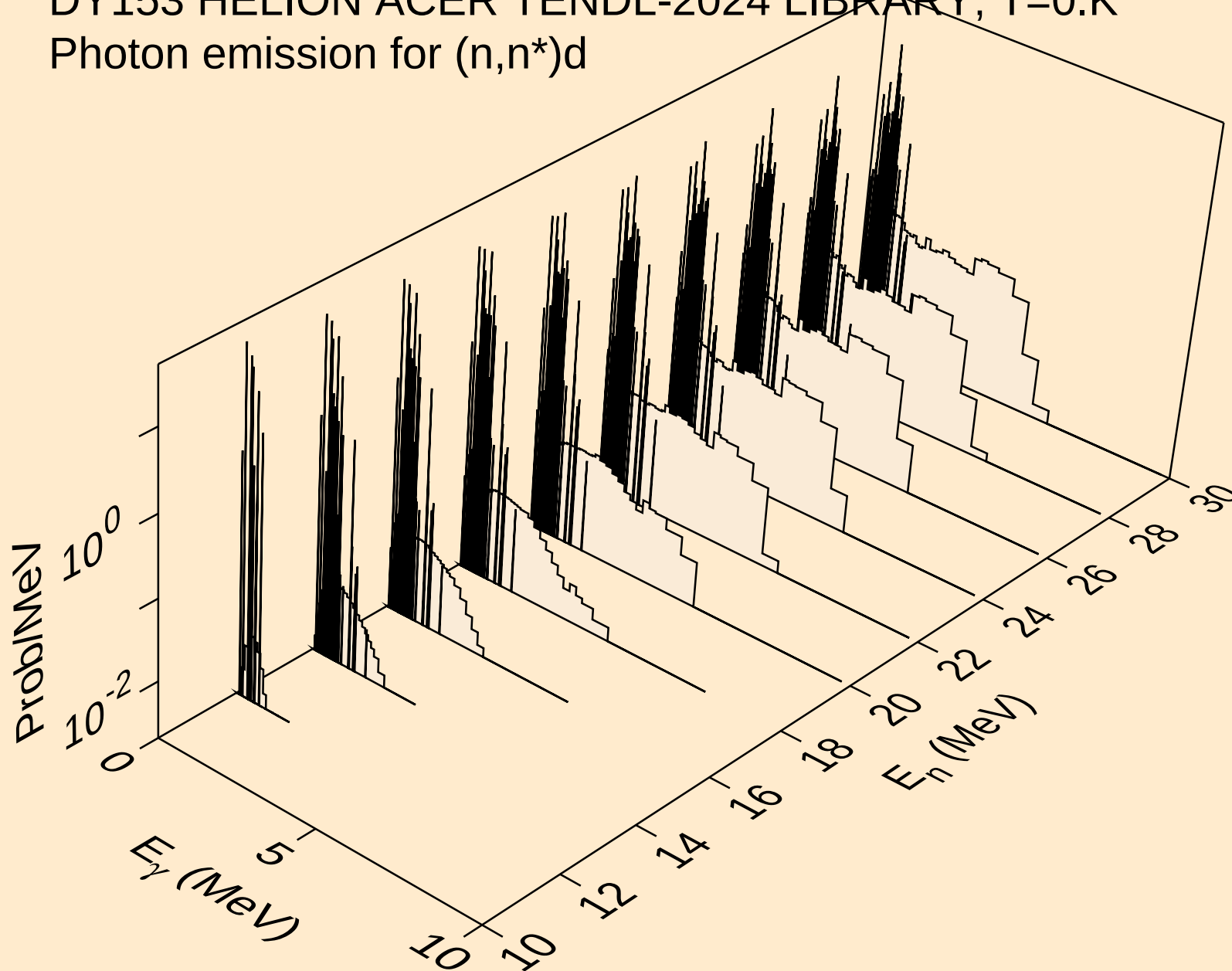
DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,2n)2a



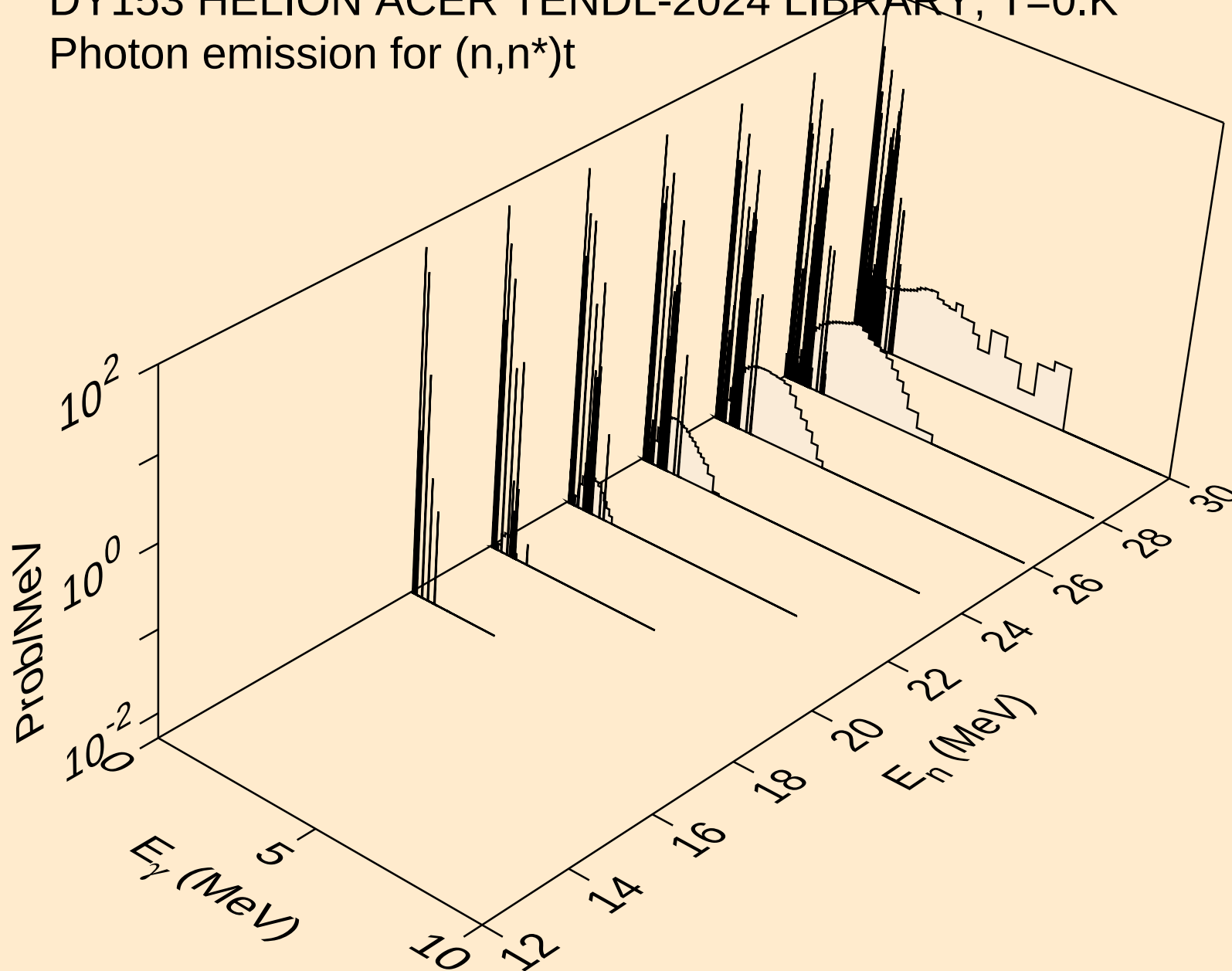
DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)d

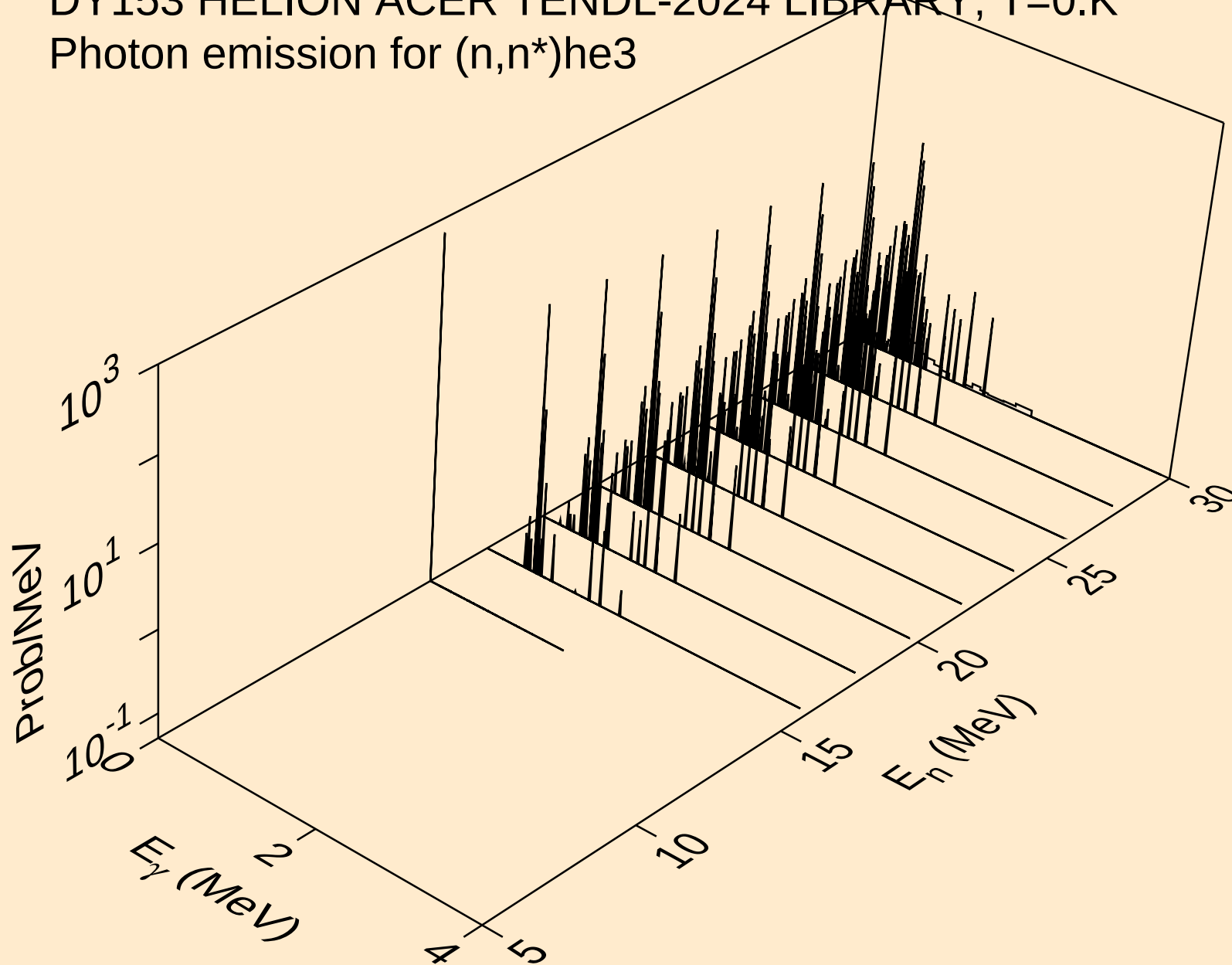


DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)t

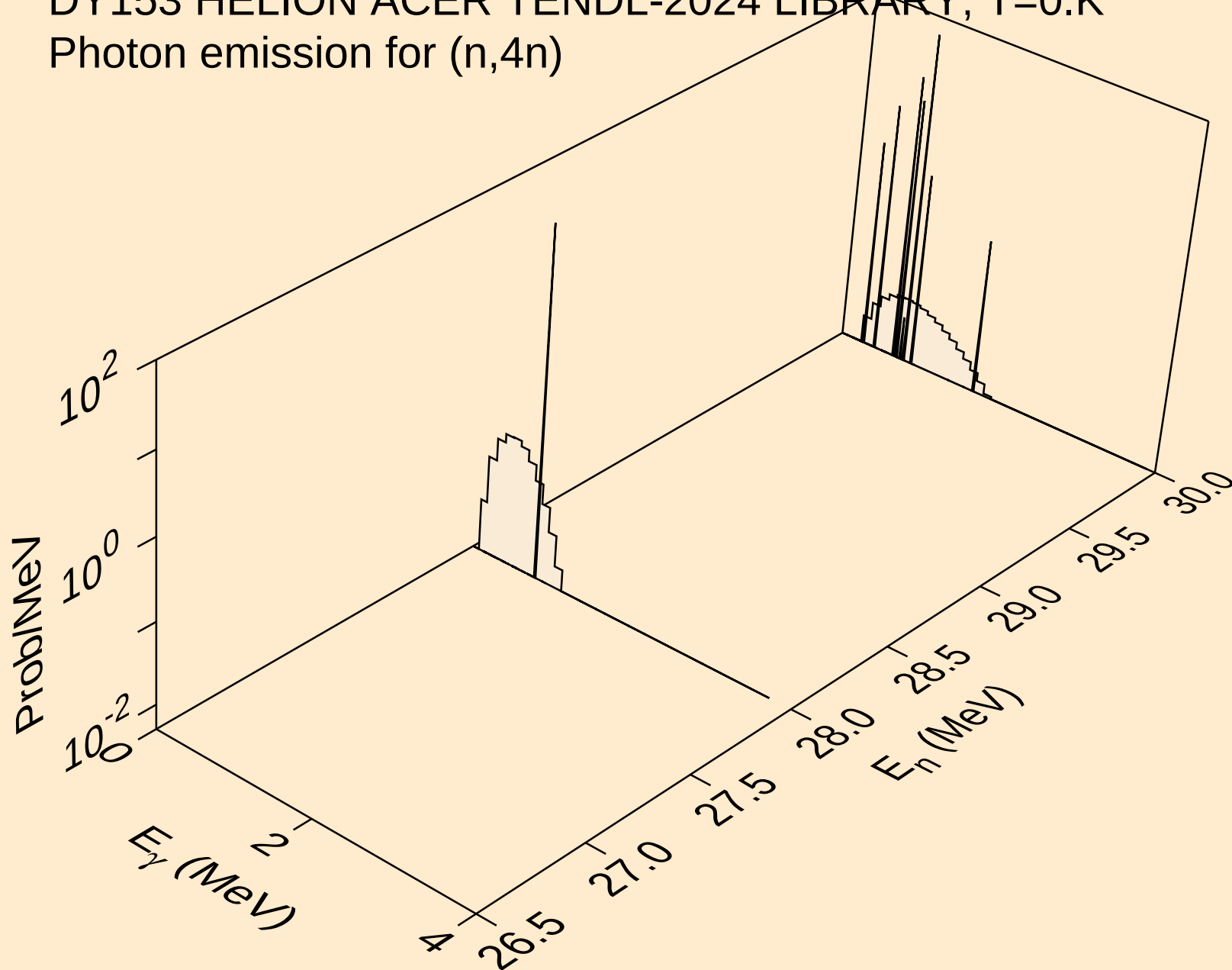


DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



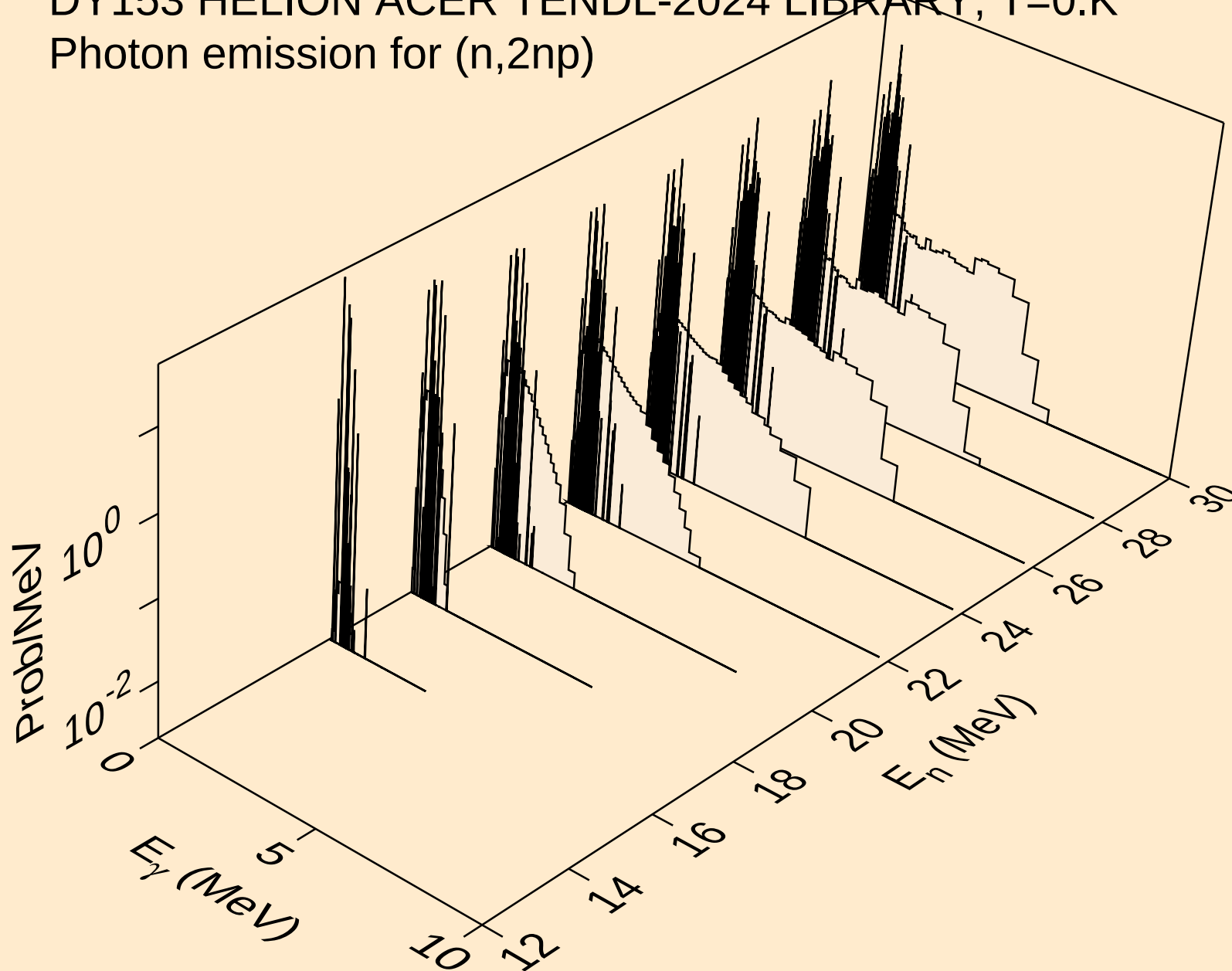


DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)

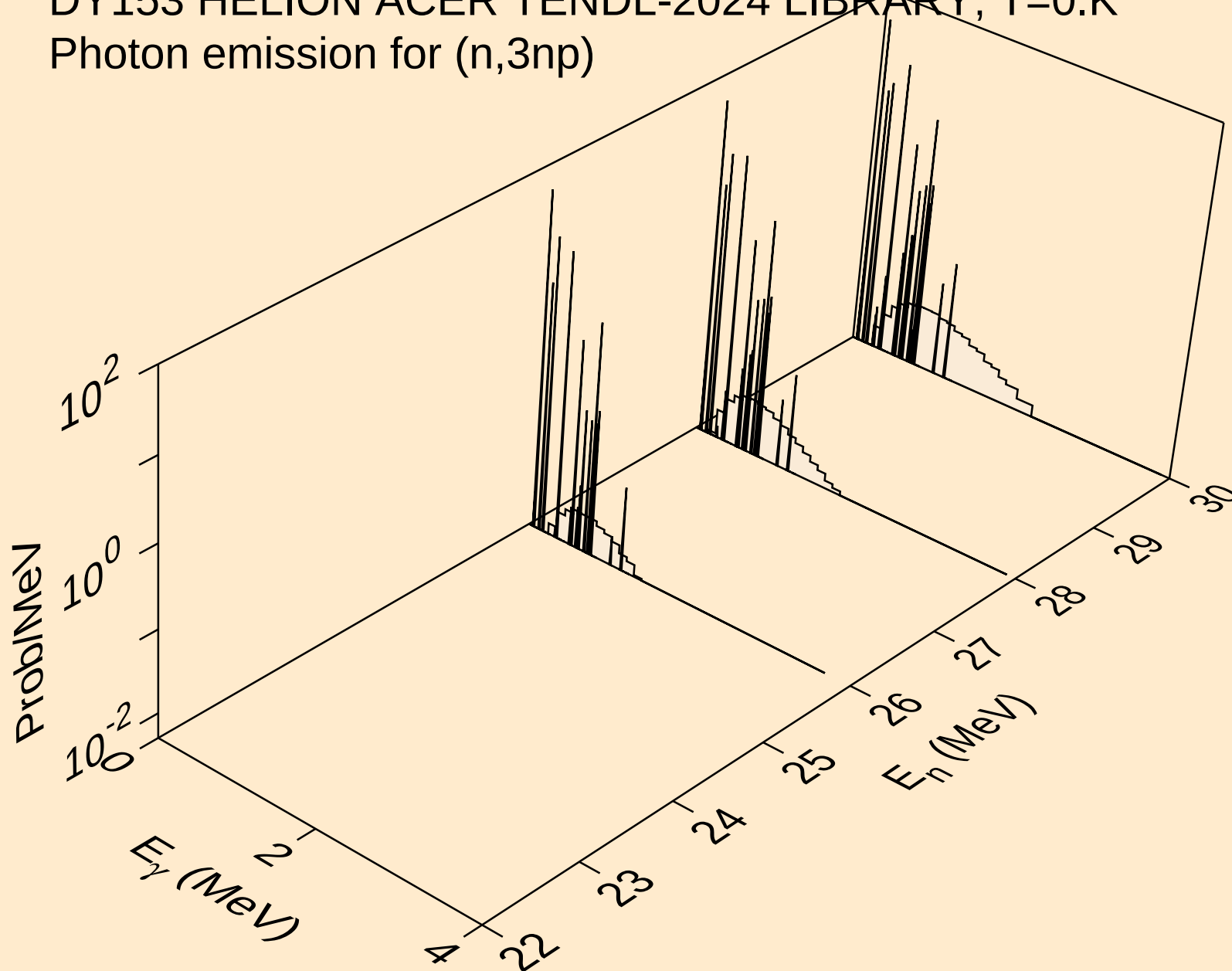


DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K

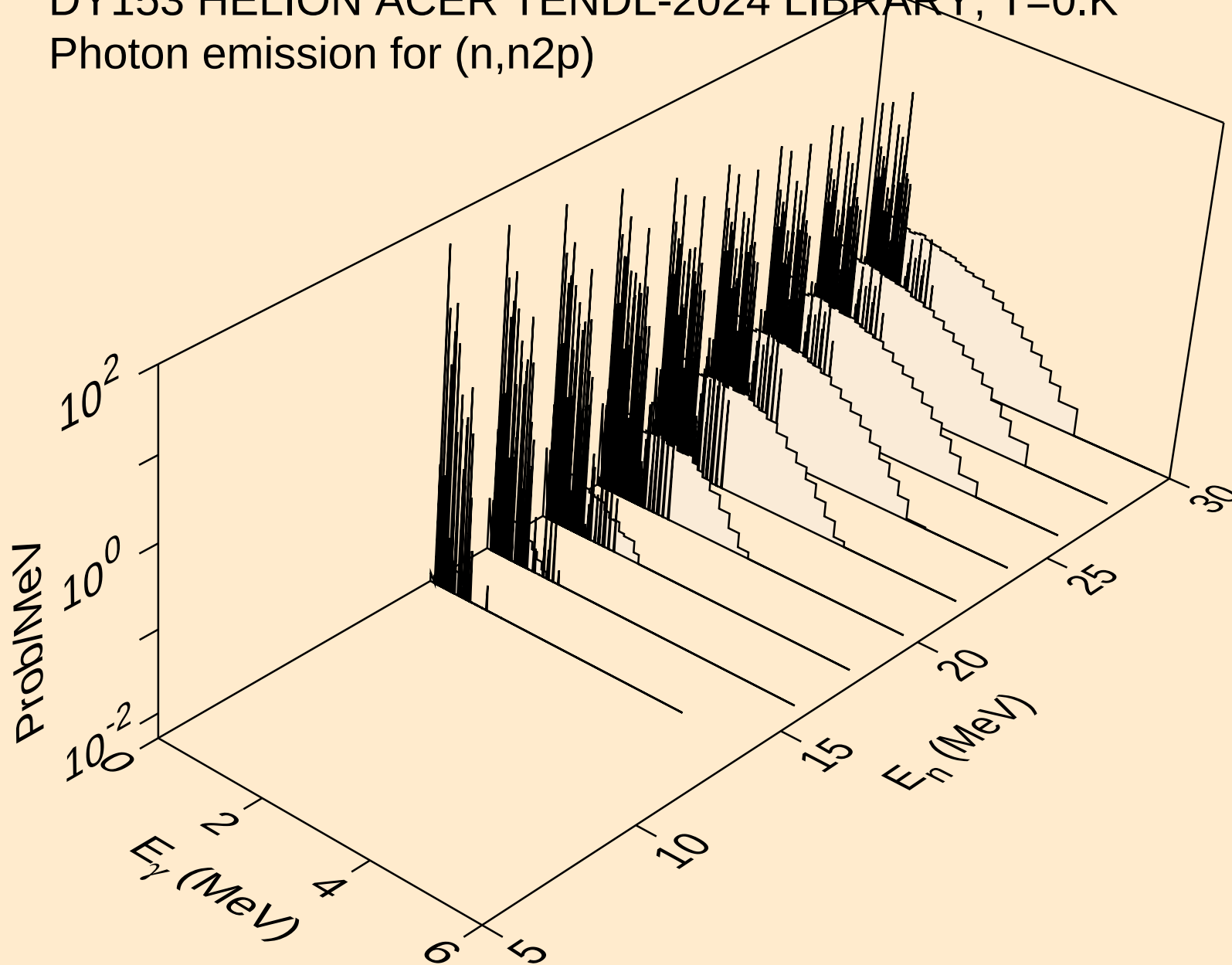
Photon emission for (n,2np)



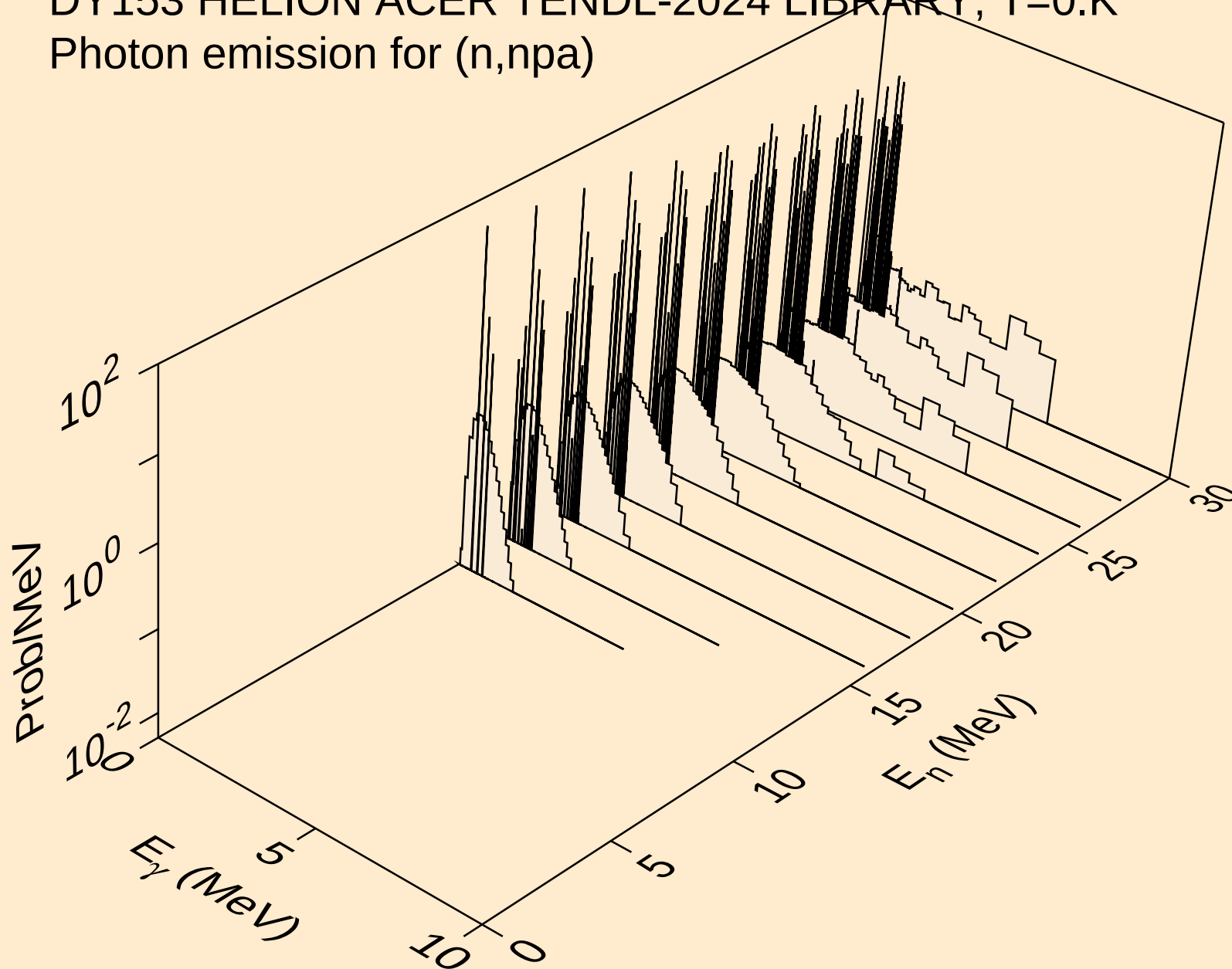
DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



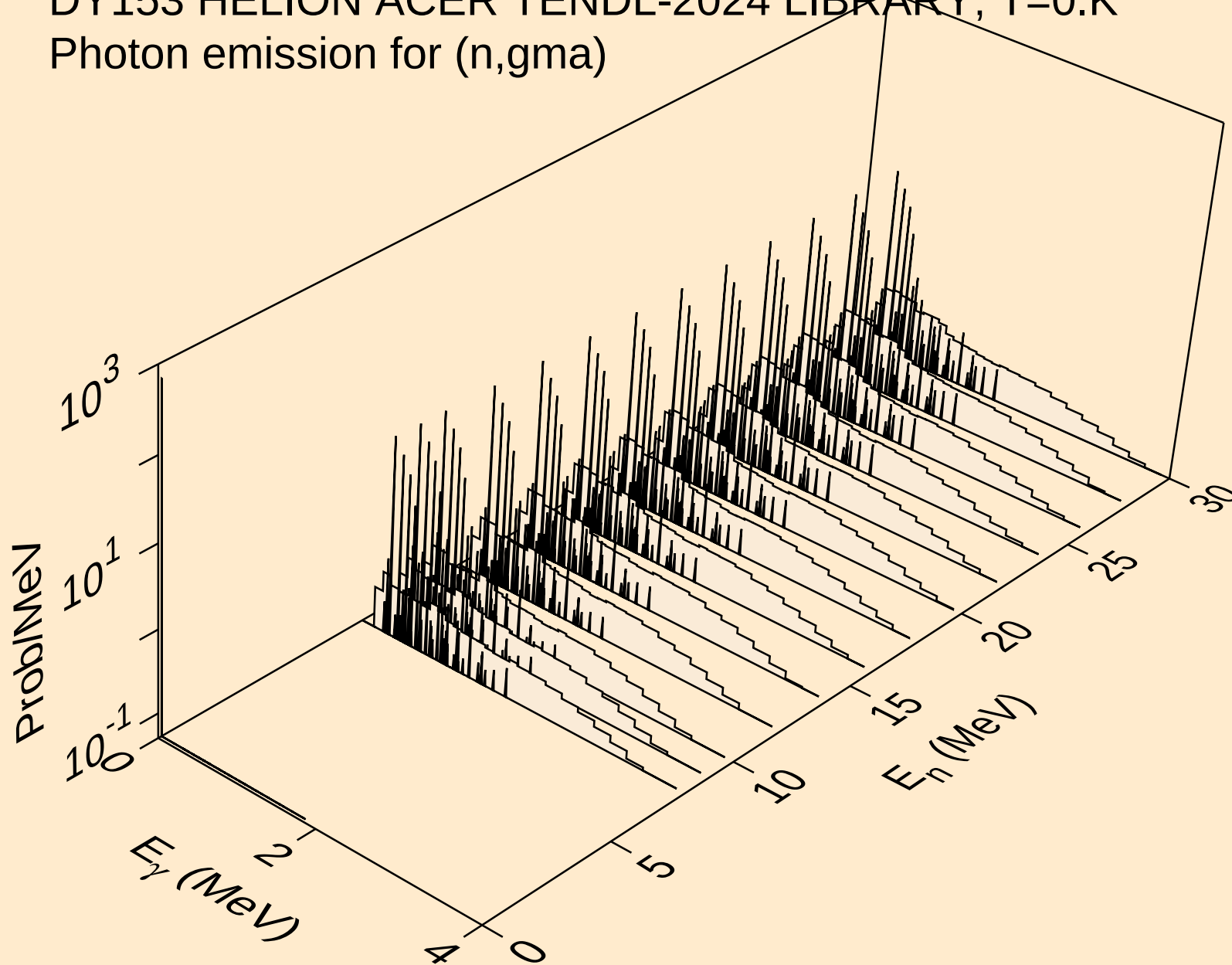
DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)

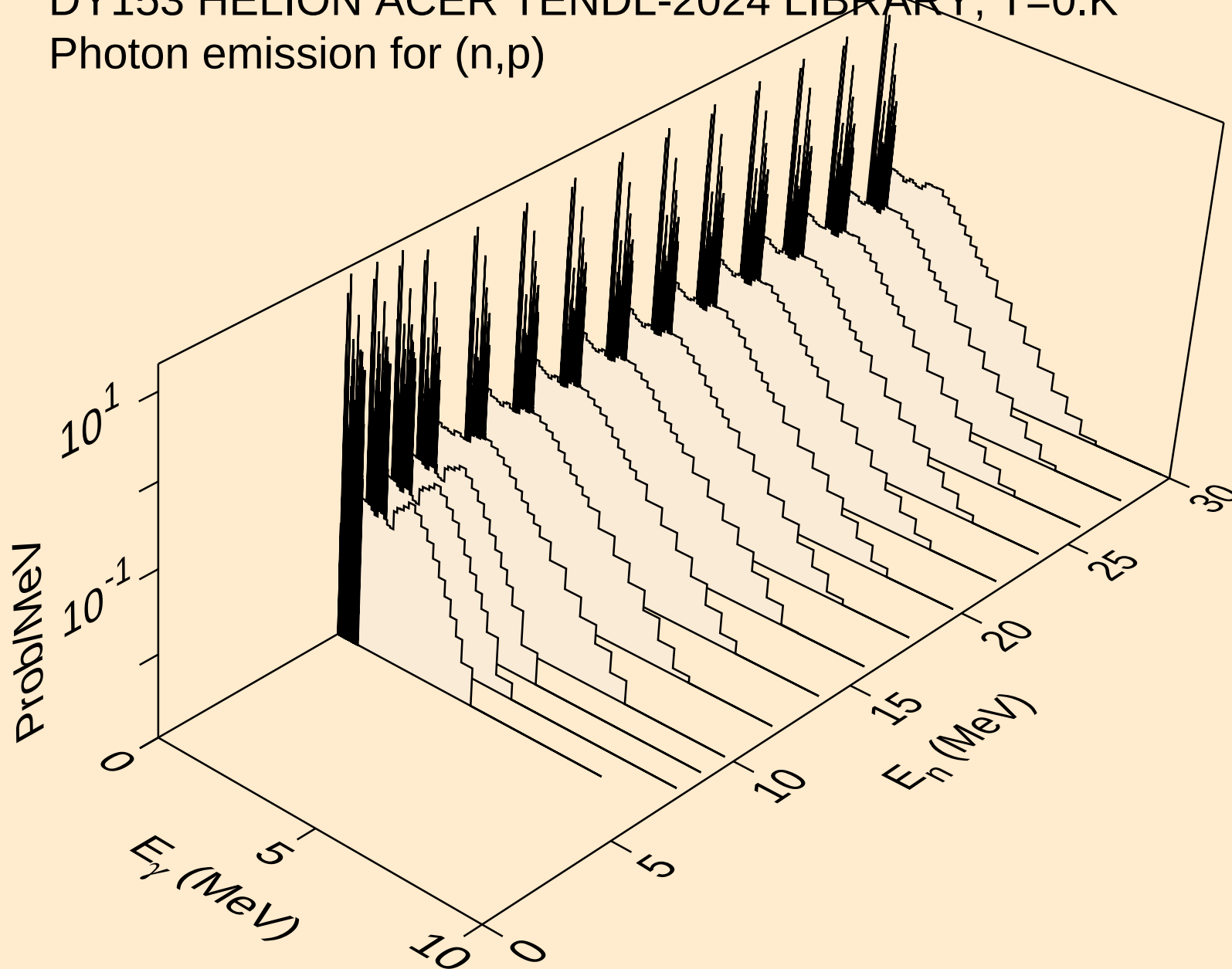


DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)

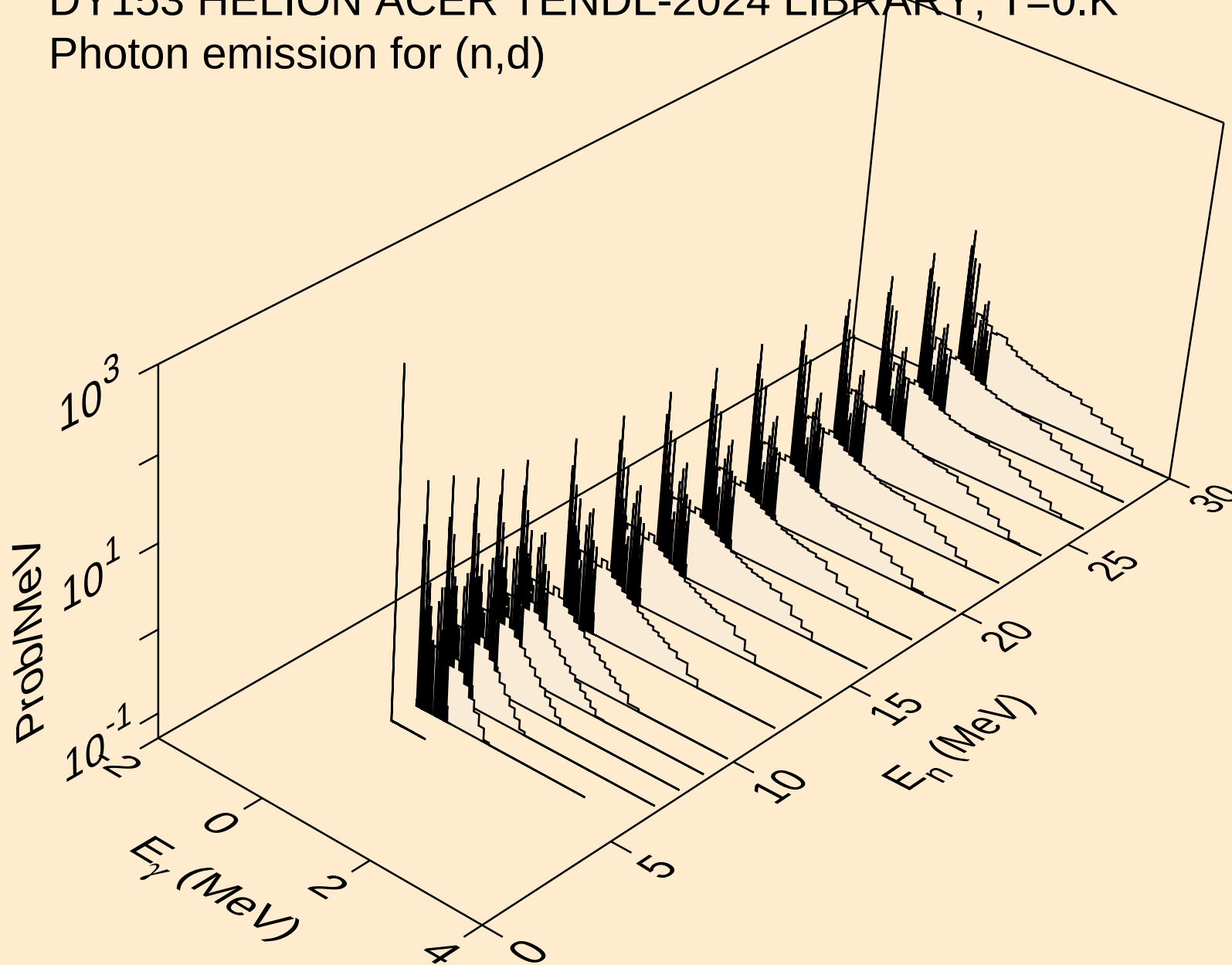


DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,p)

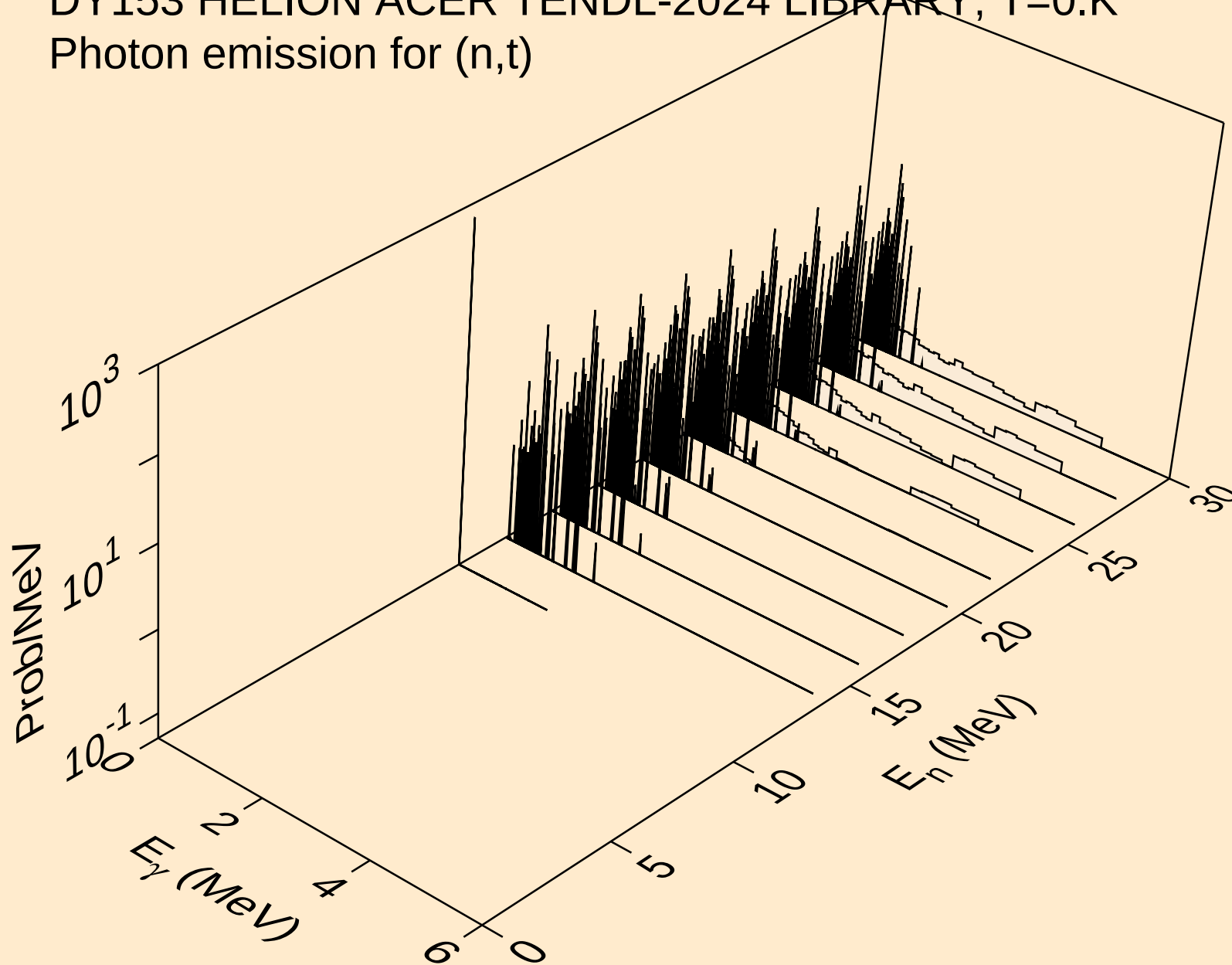


DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)

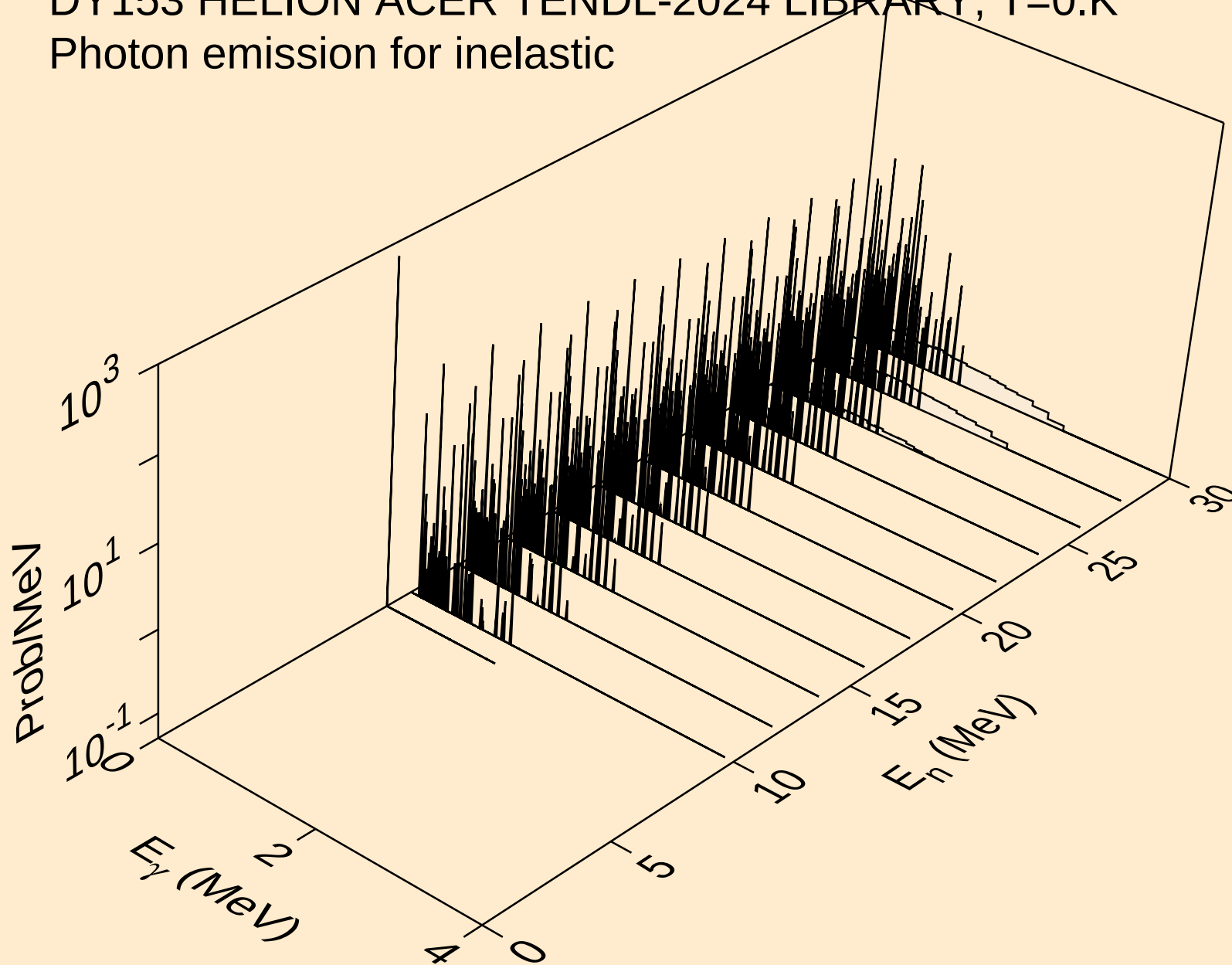




DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)

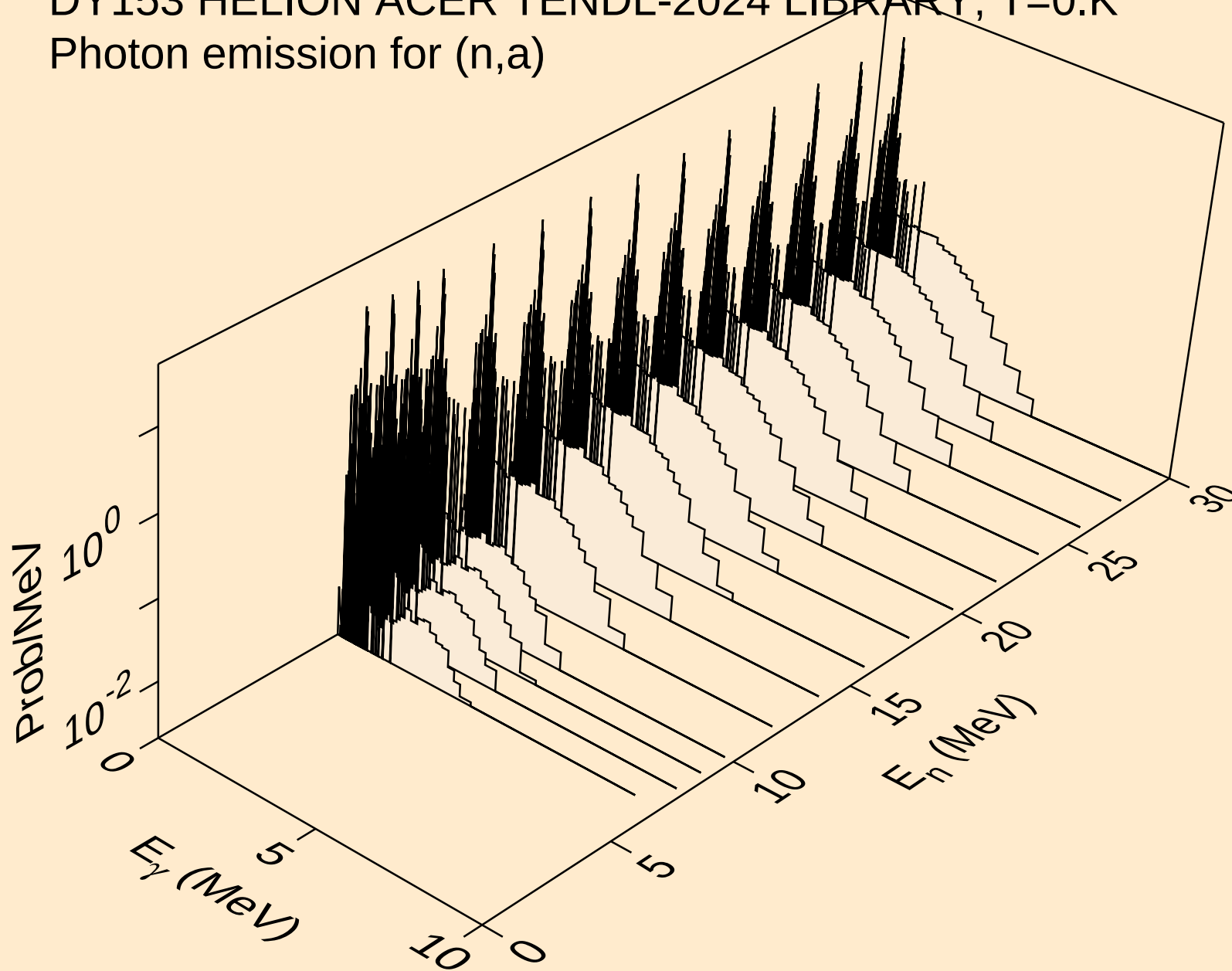


DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic

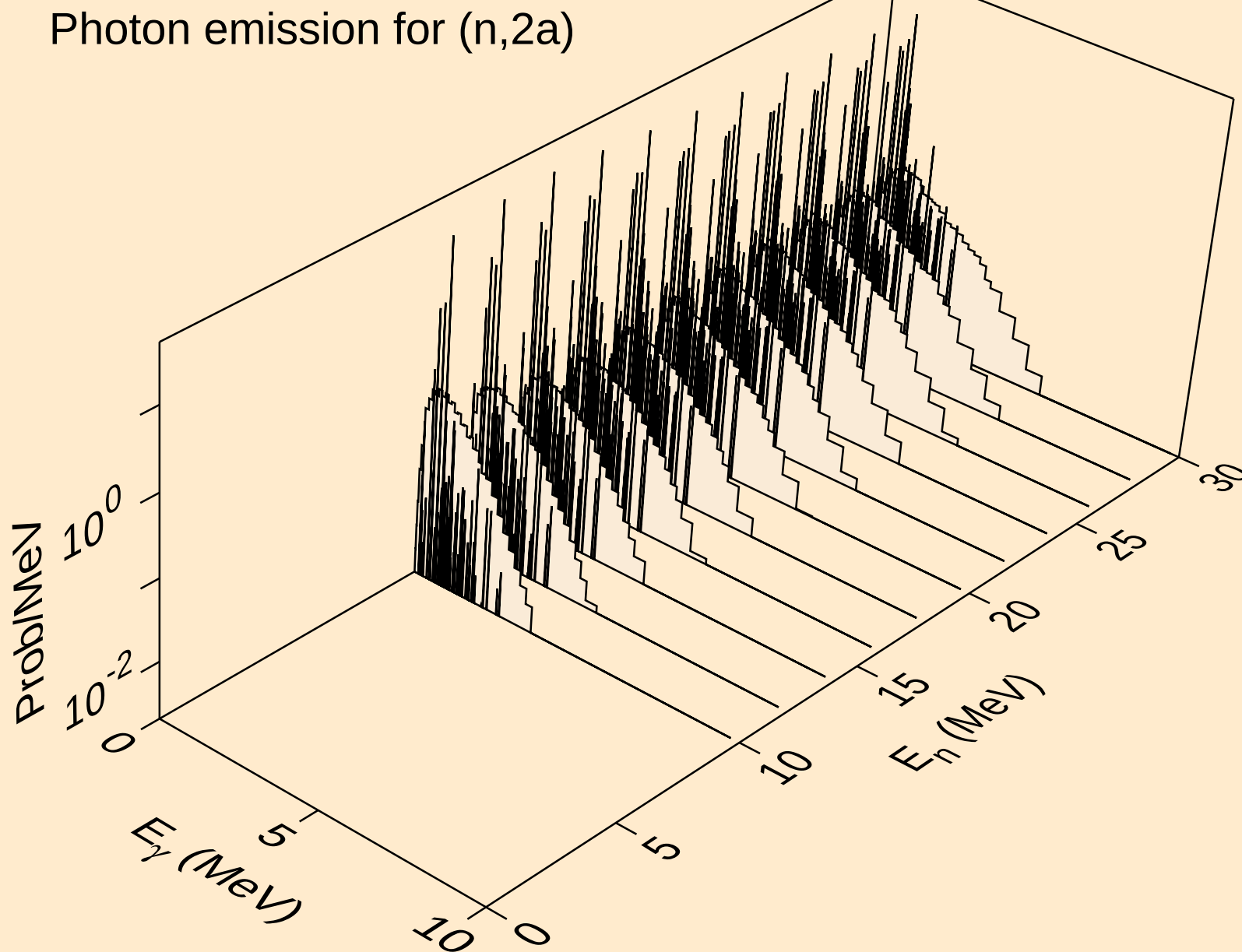


DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K

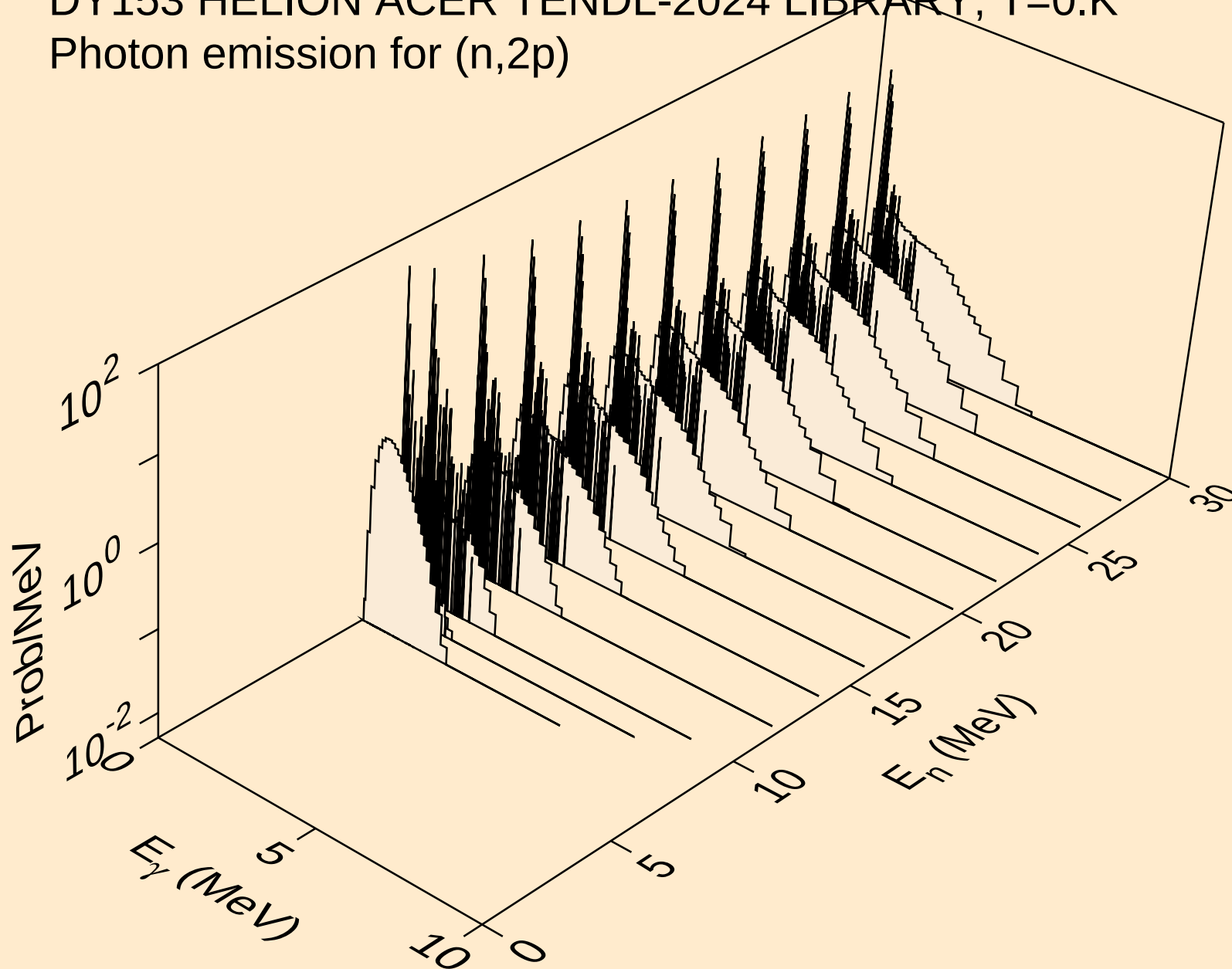
Photon emission for (n,a)



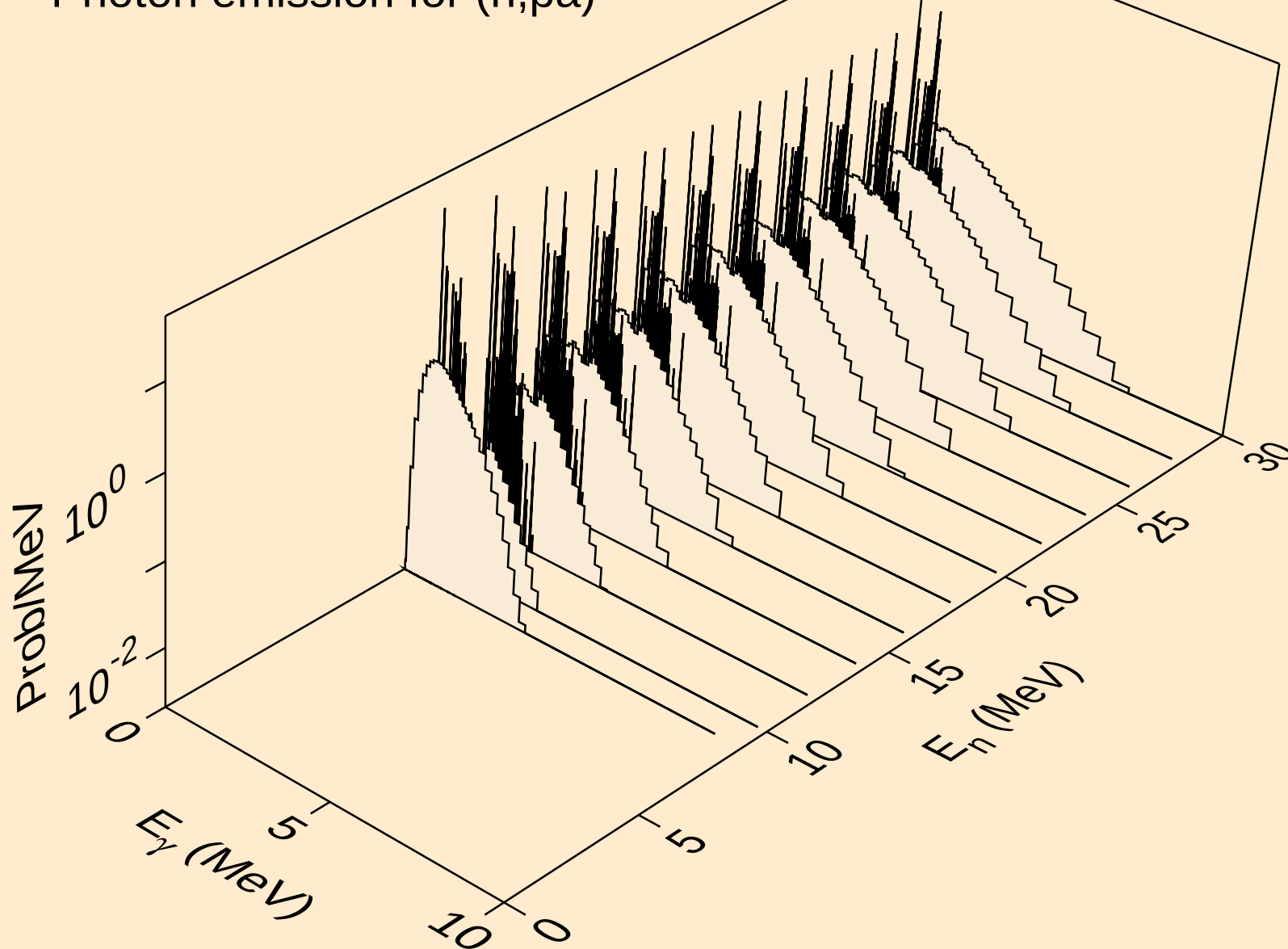
DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



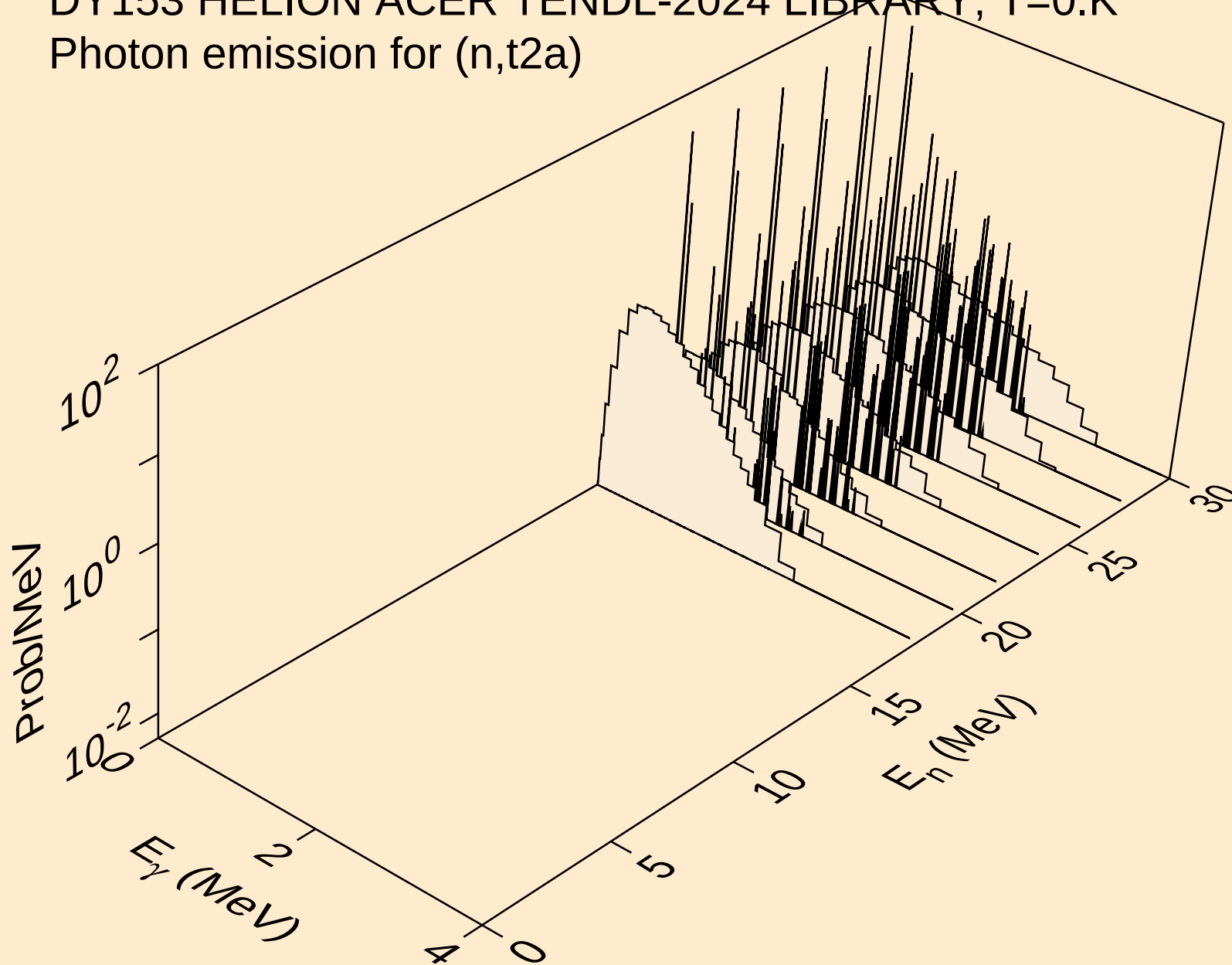
DY153 HELION ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (n,2p)



DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )

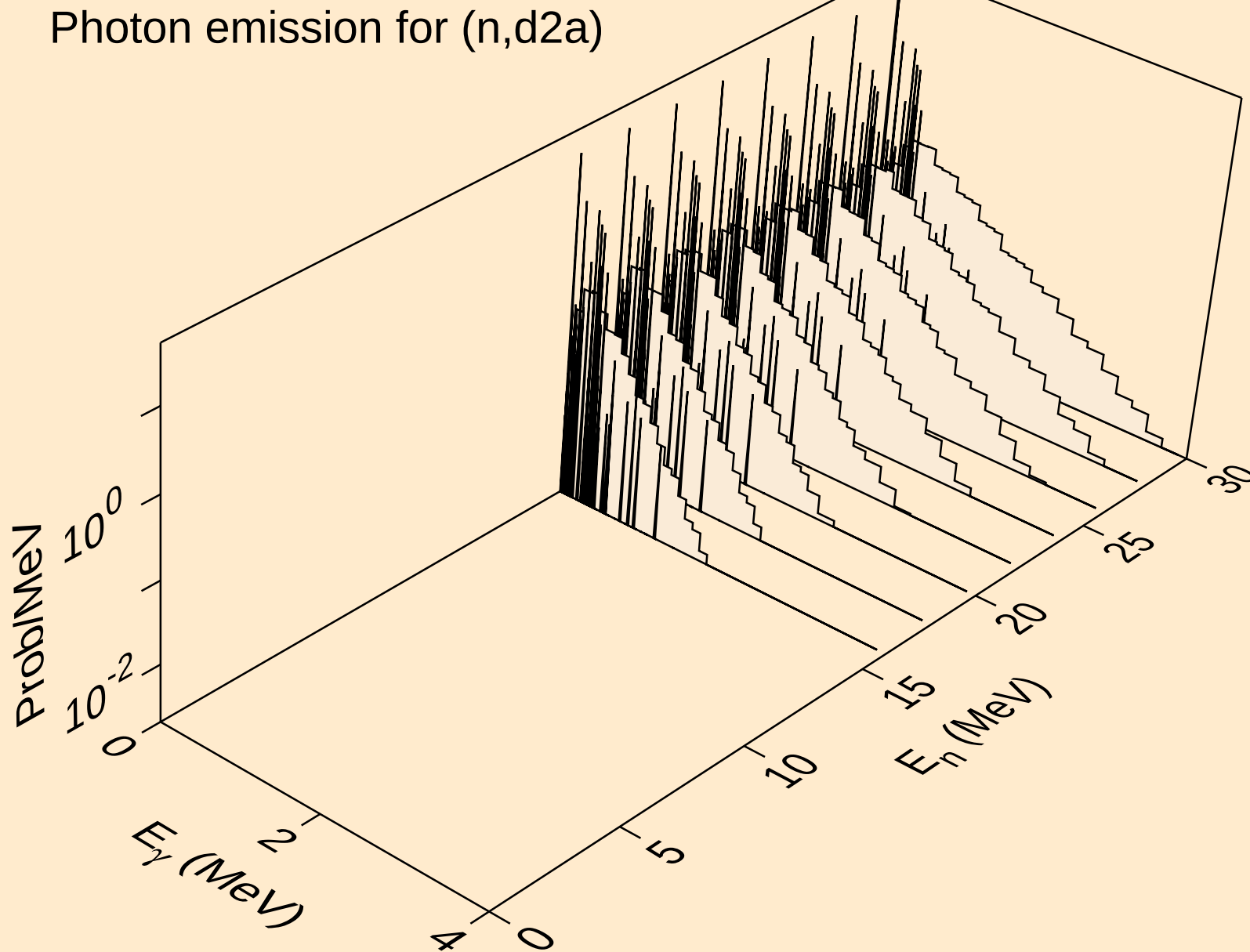


DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t2a)



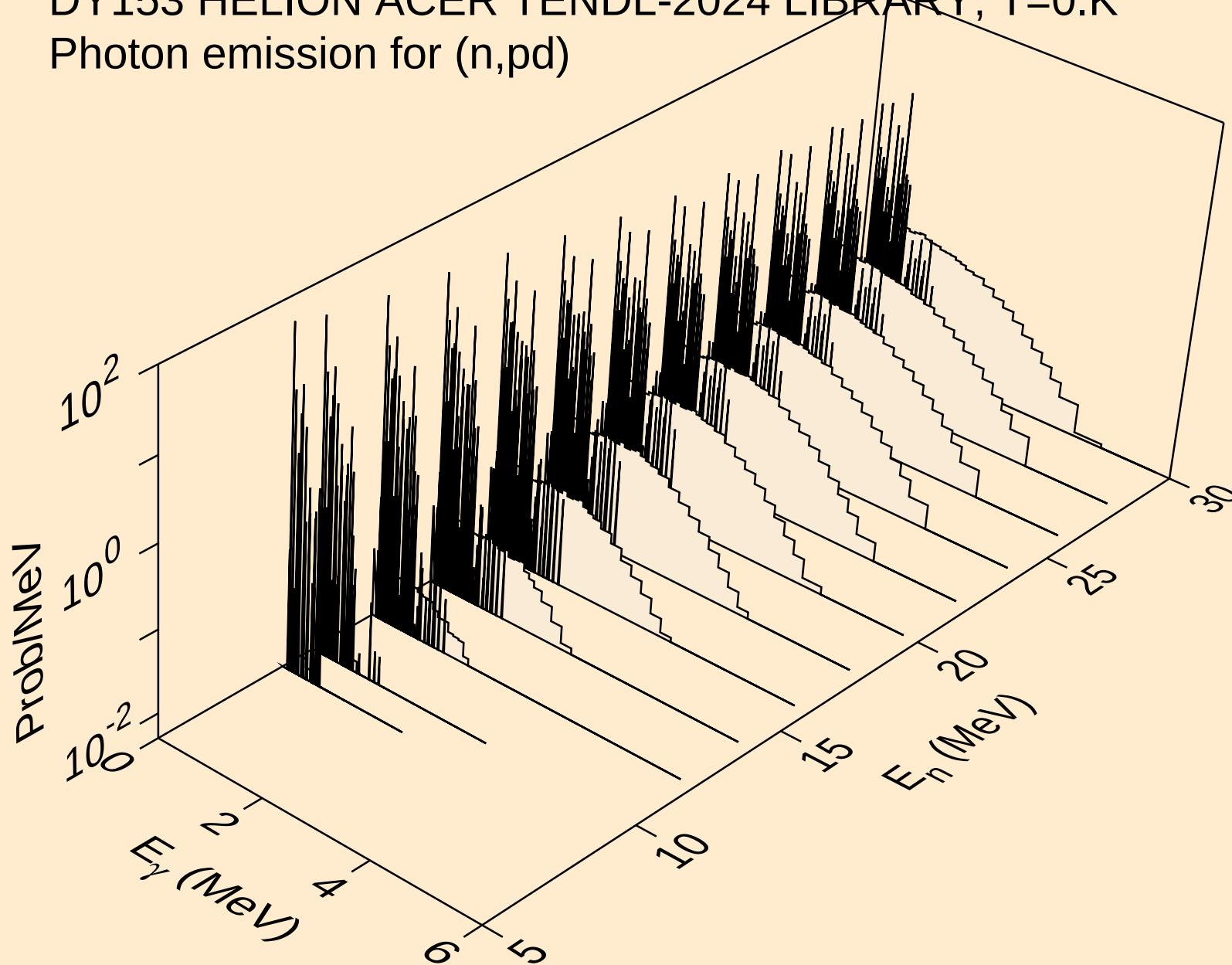
DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,d2a)

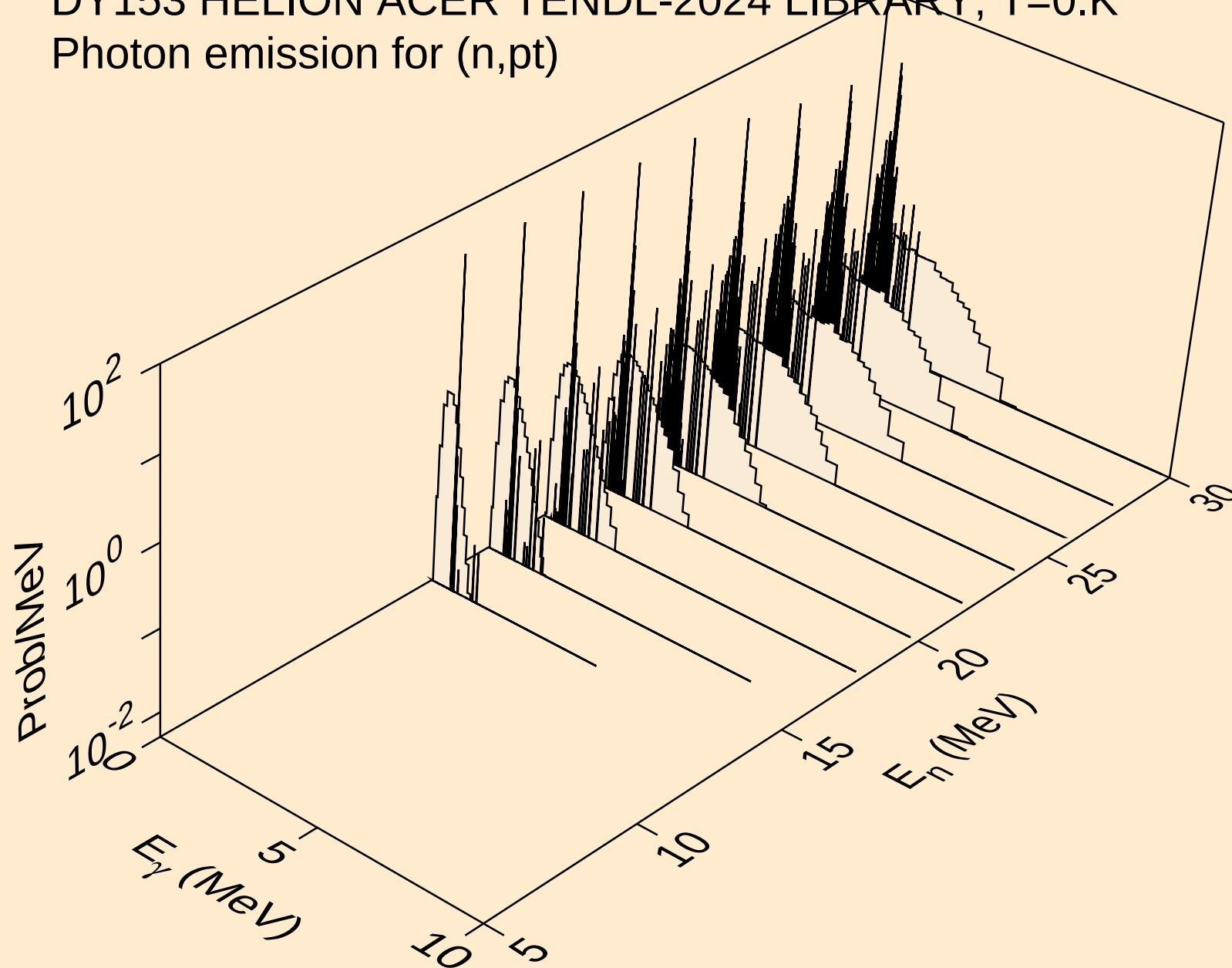




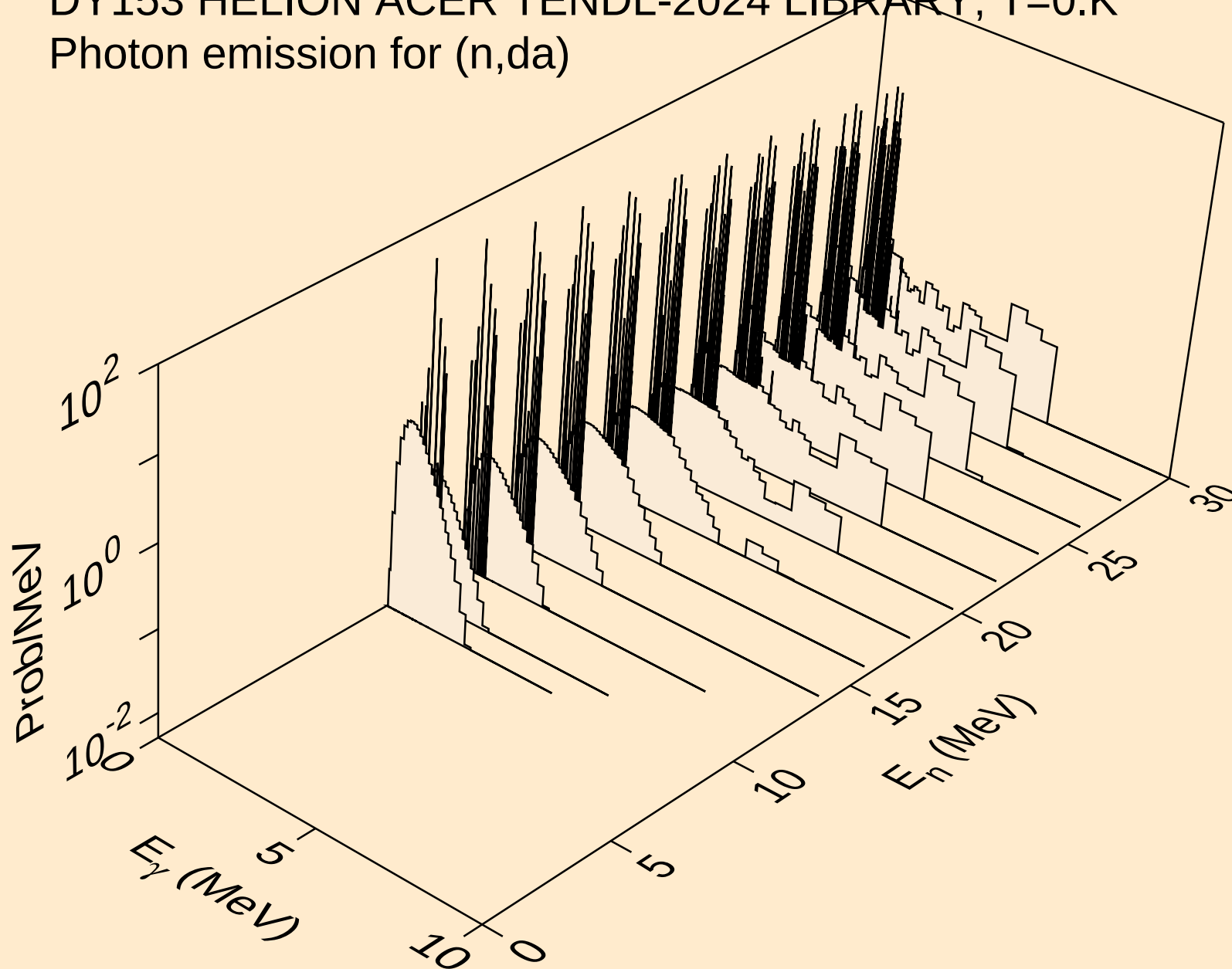
DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)

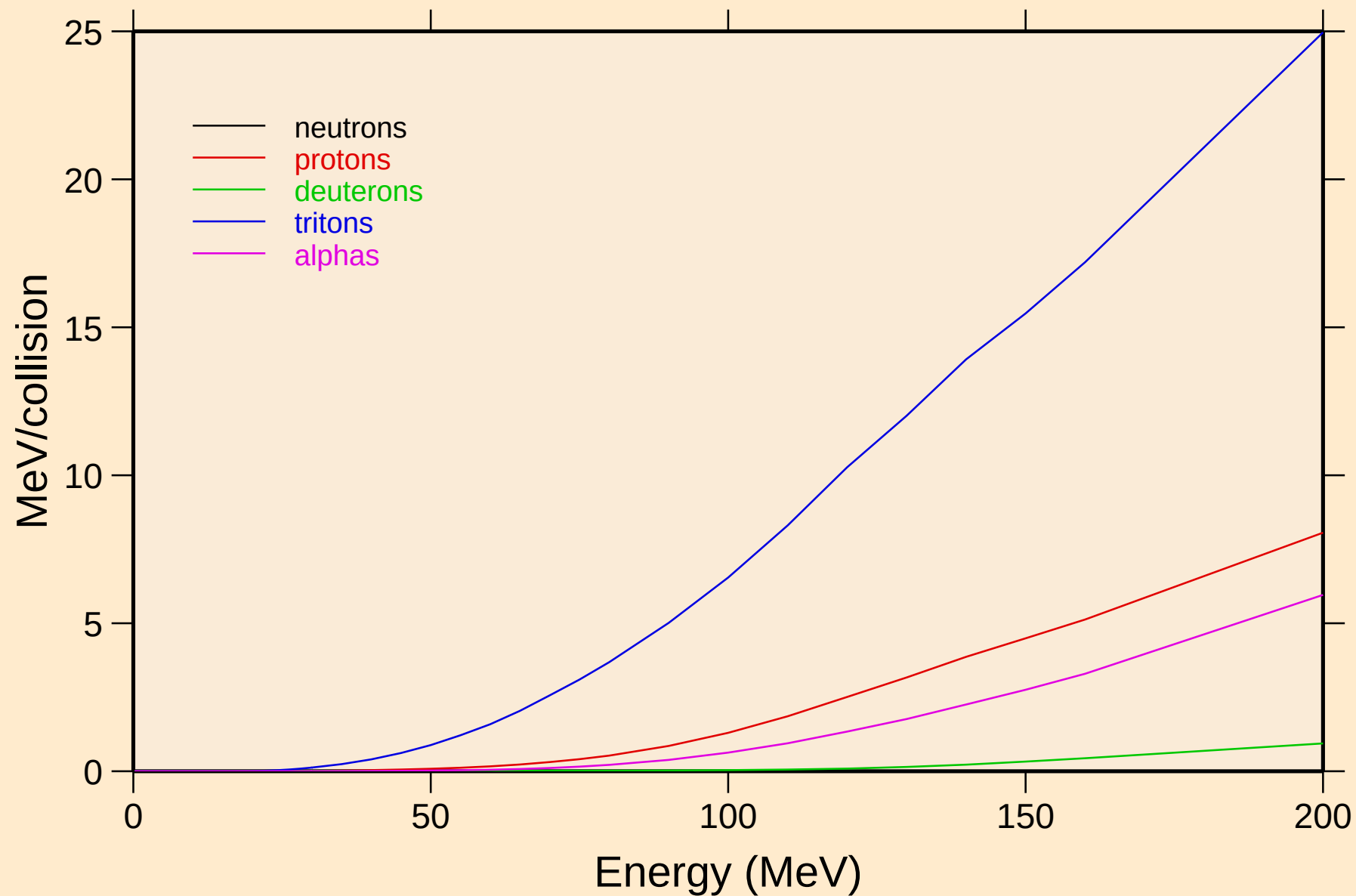


DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



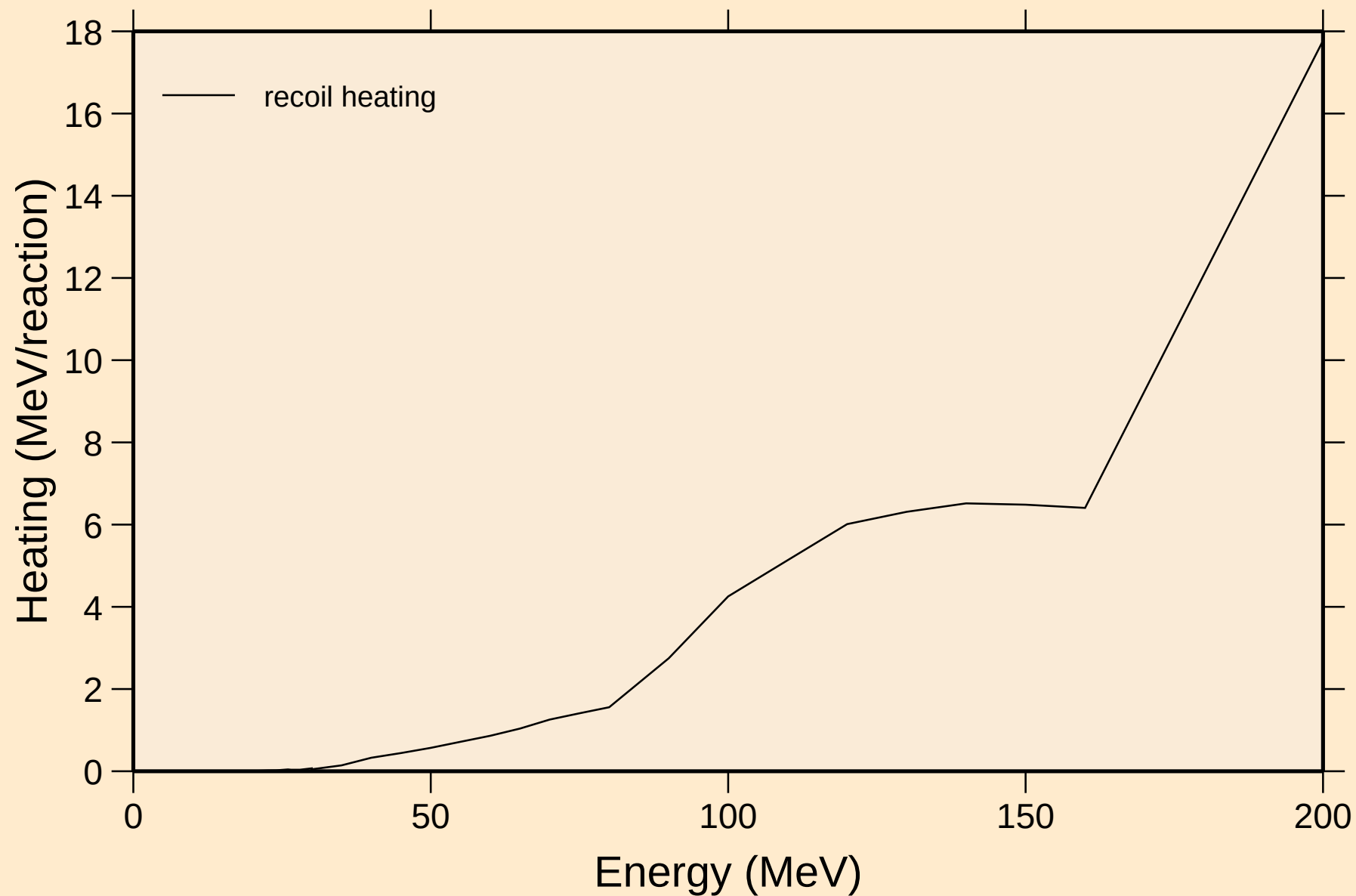
# DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions



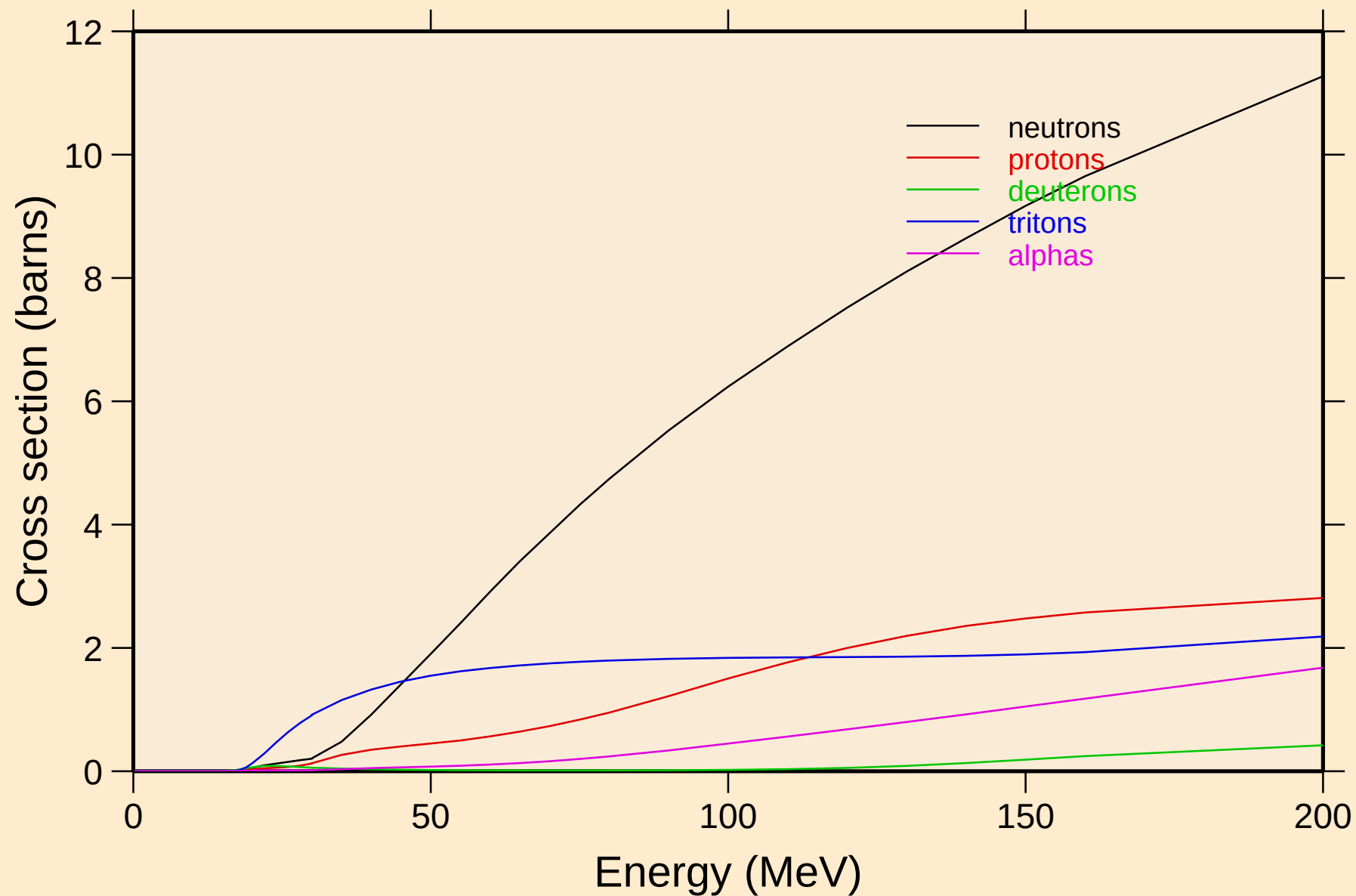
DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Recoil Heating

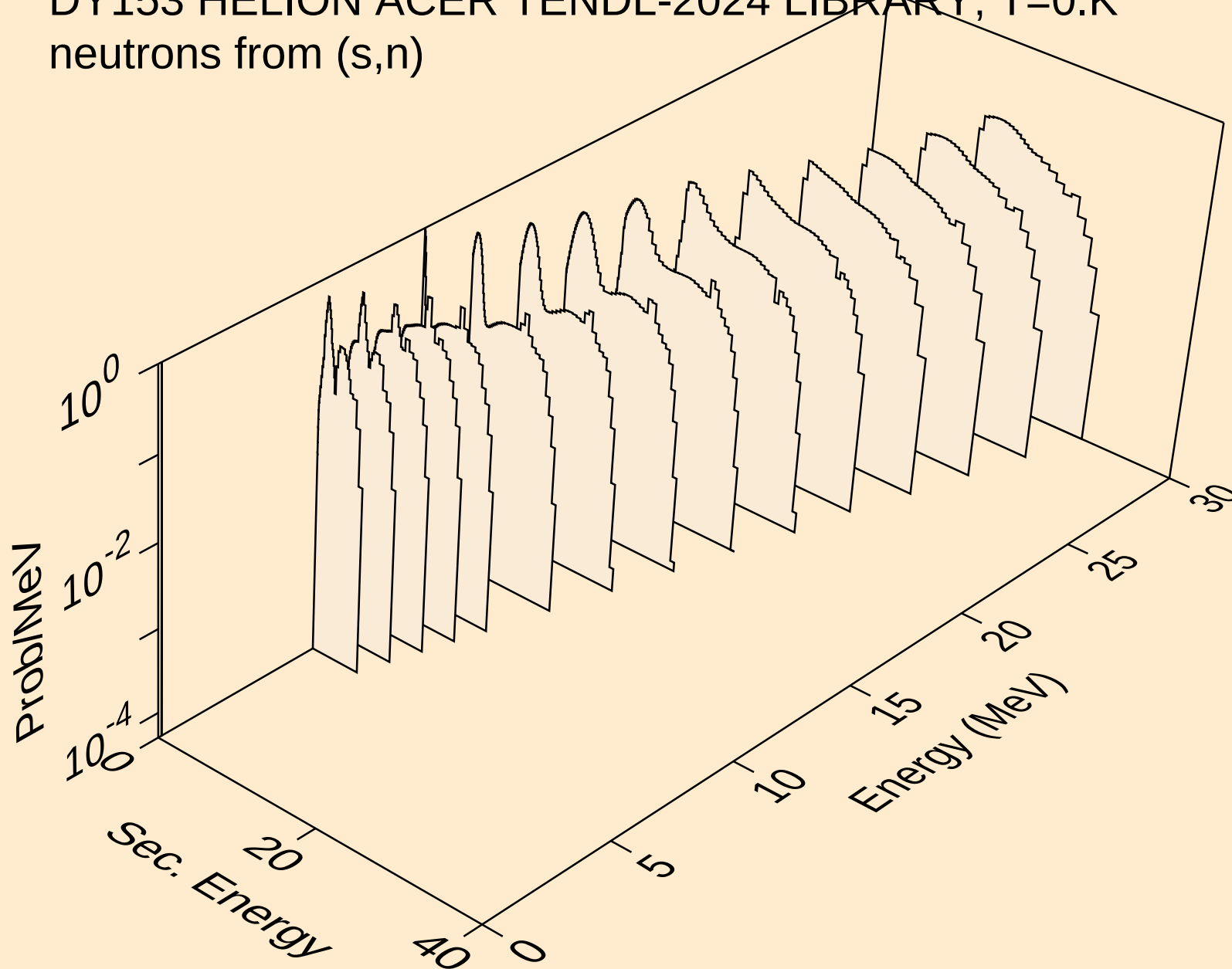


DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K

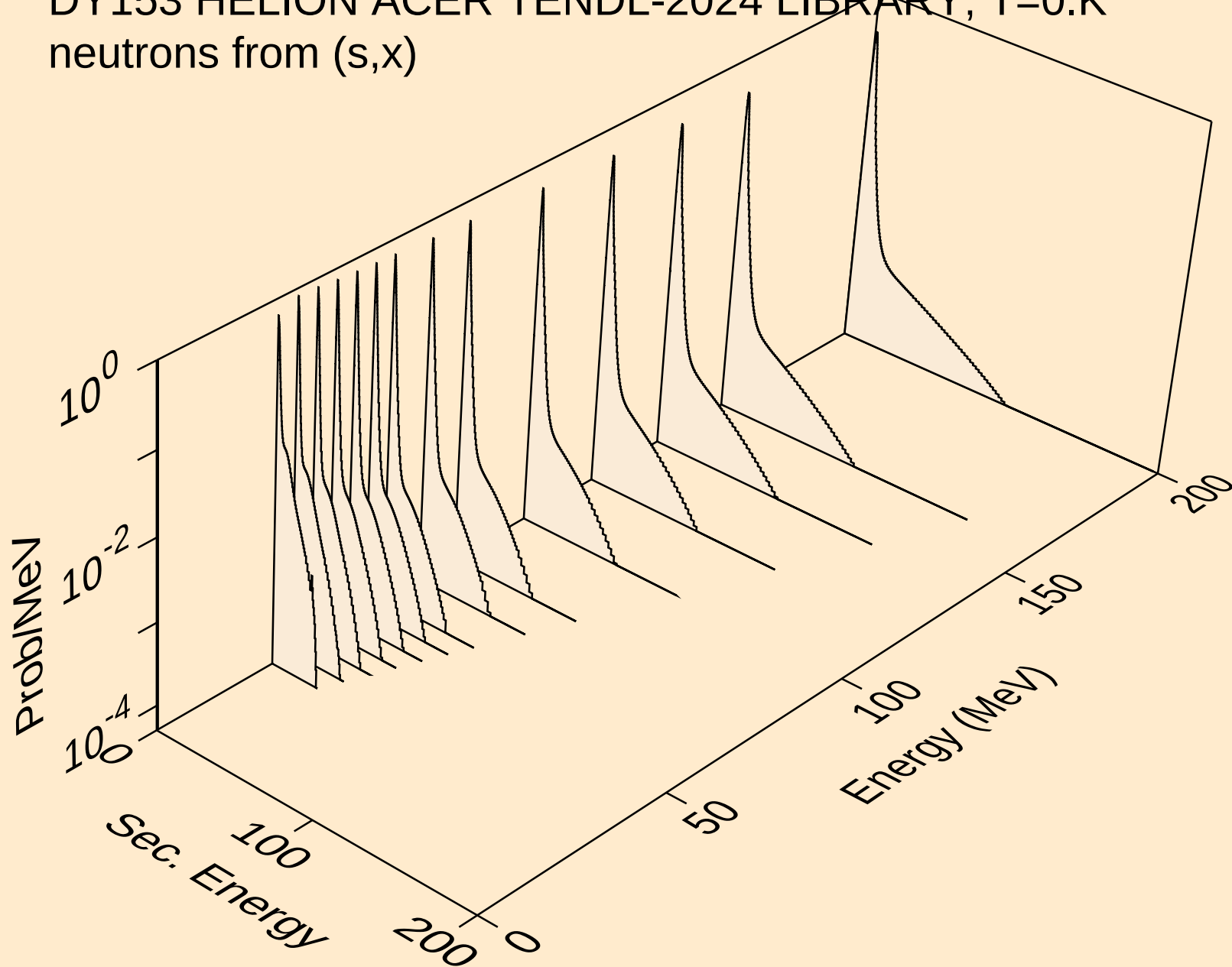
Particle production cross sections



DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n)

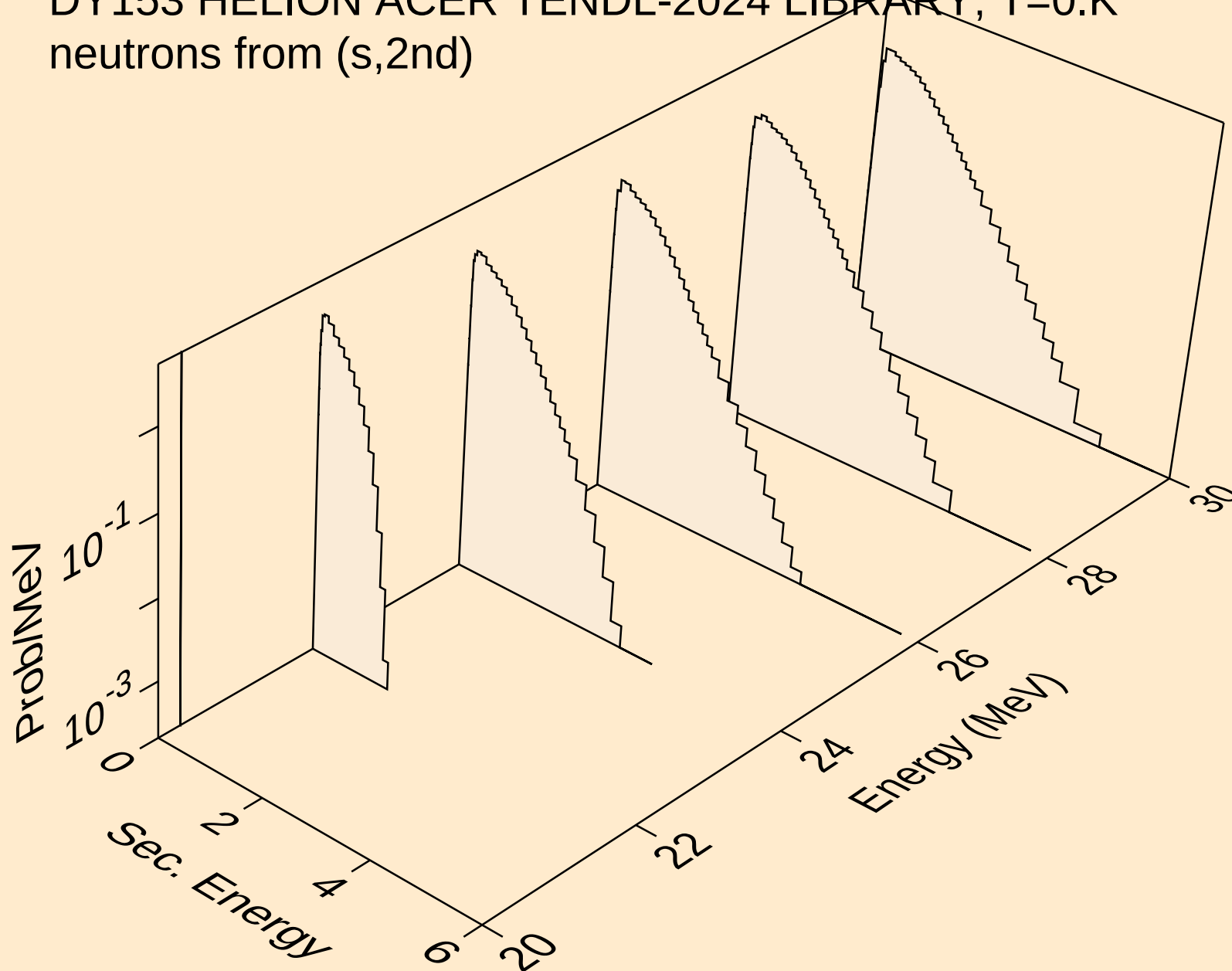


DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,x)

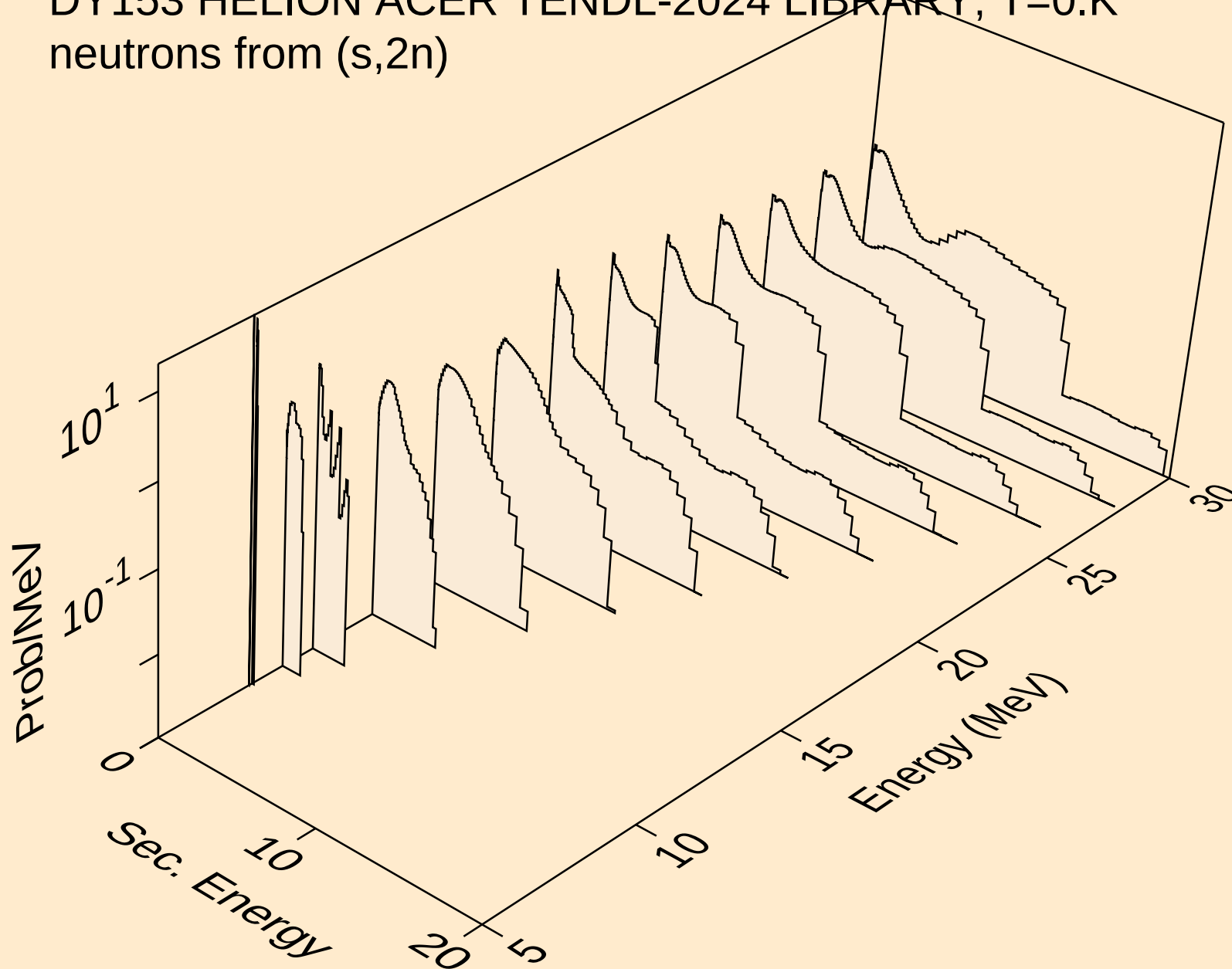




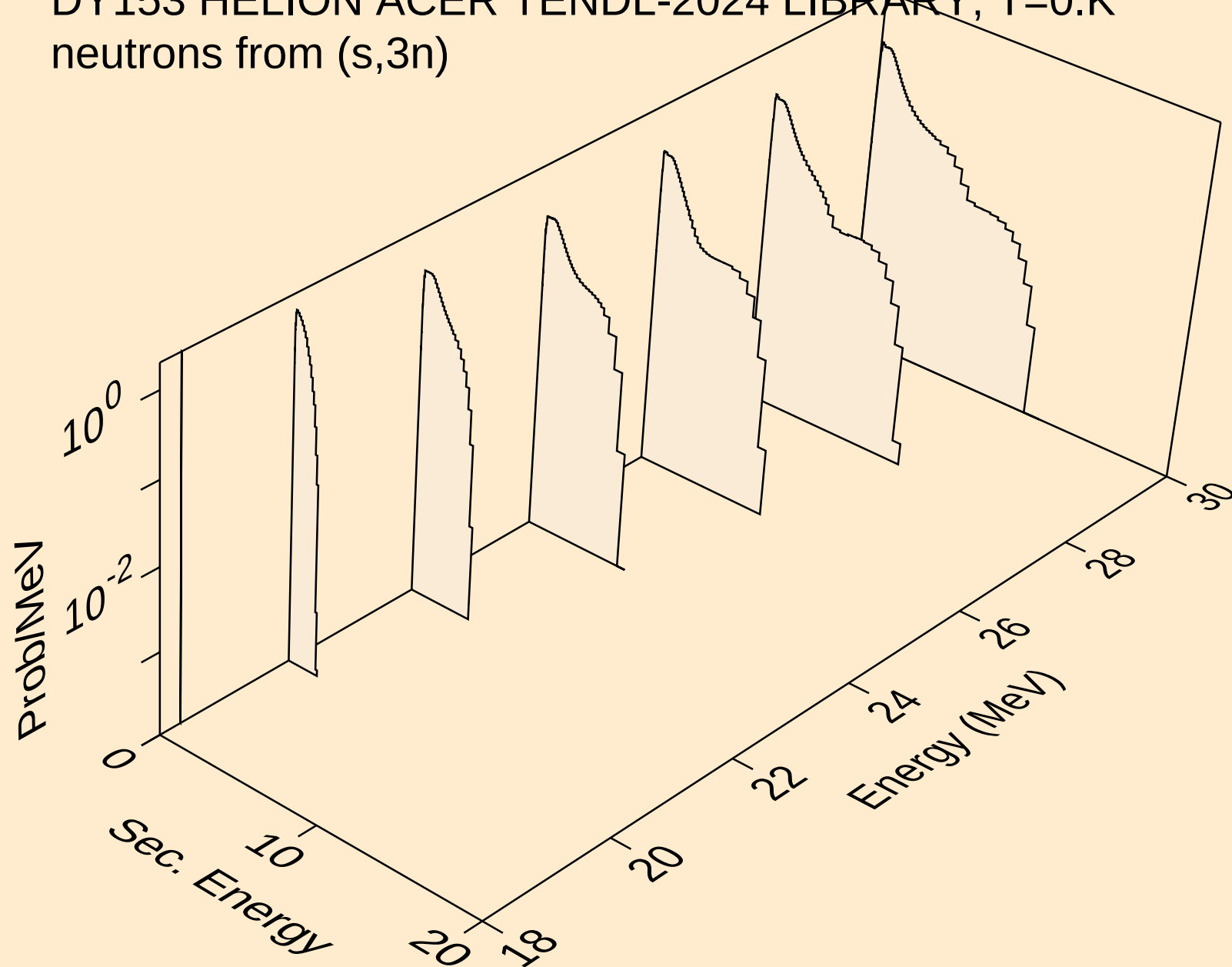
DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2nd)



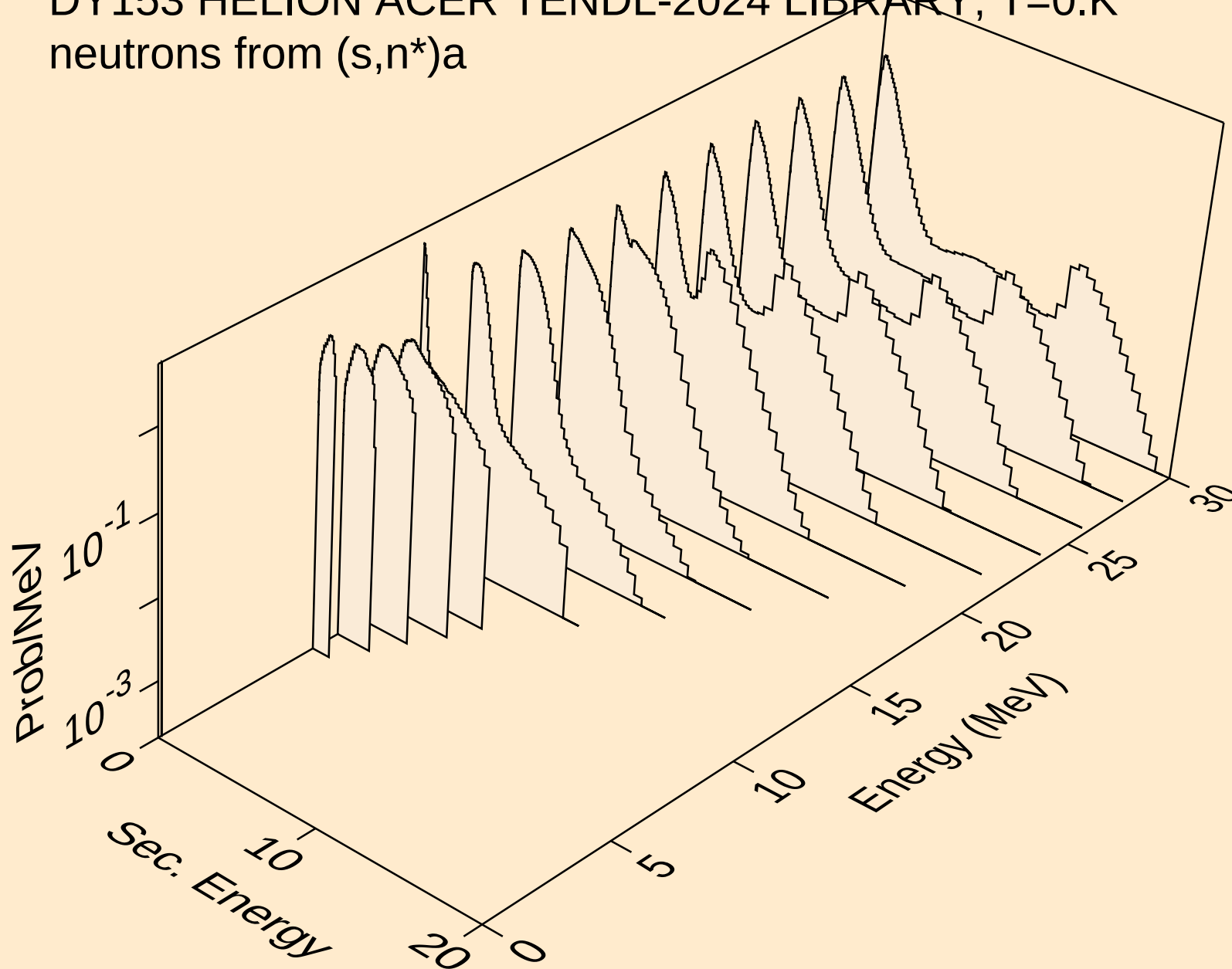
DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2n)



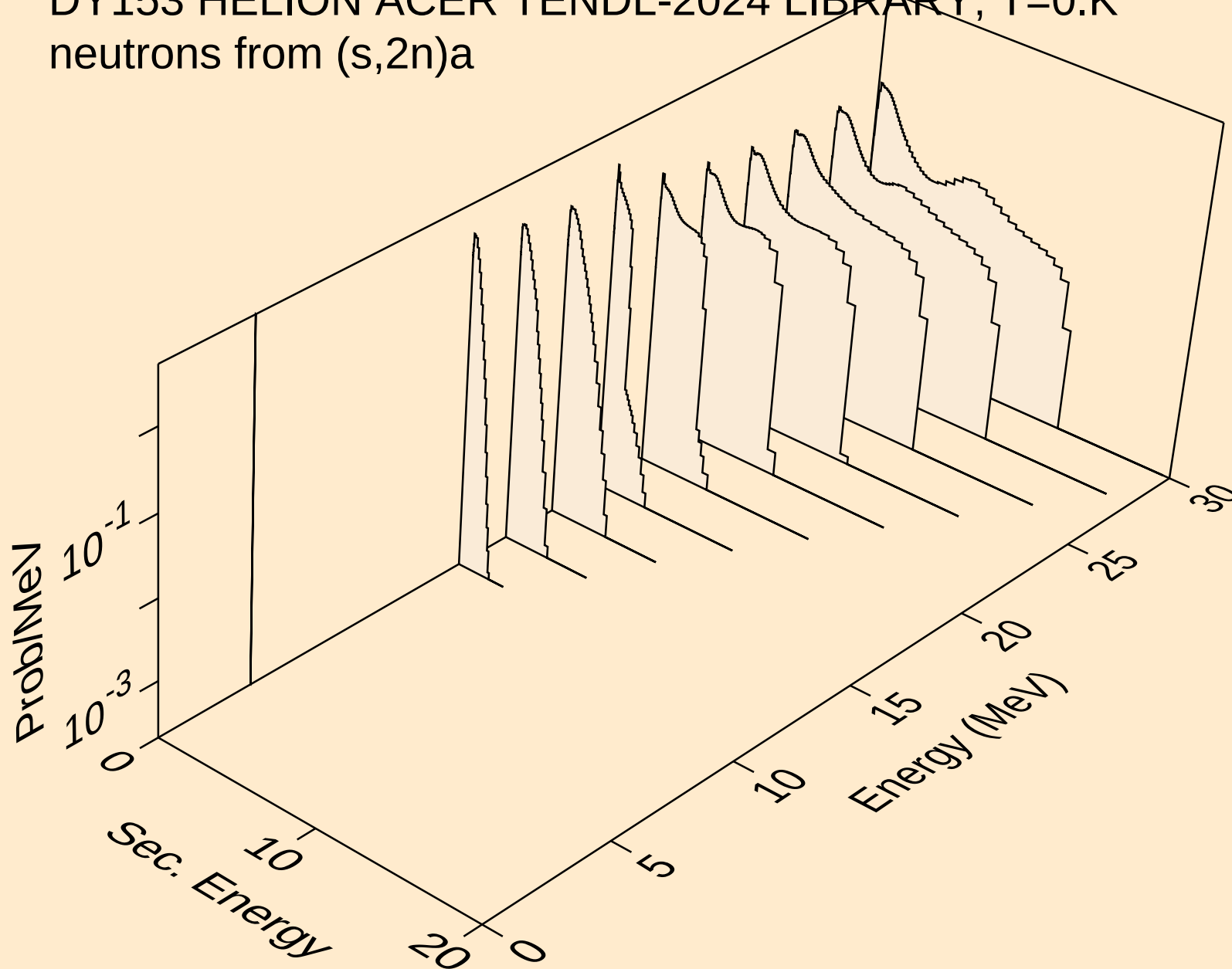
DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,3n)



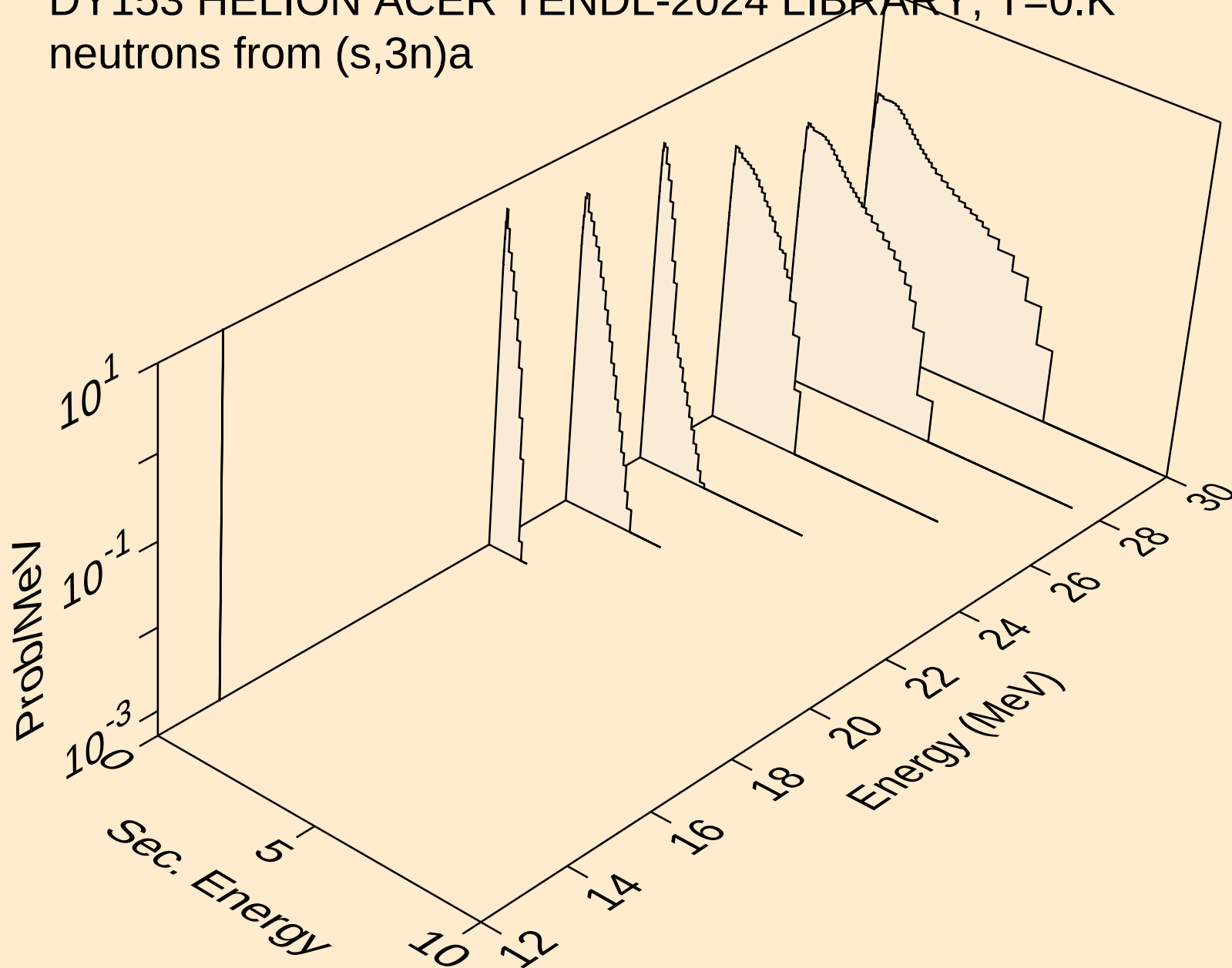
DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)a



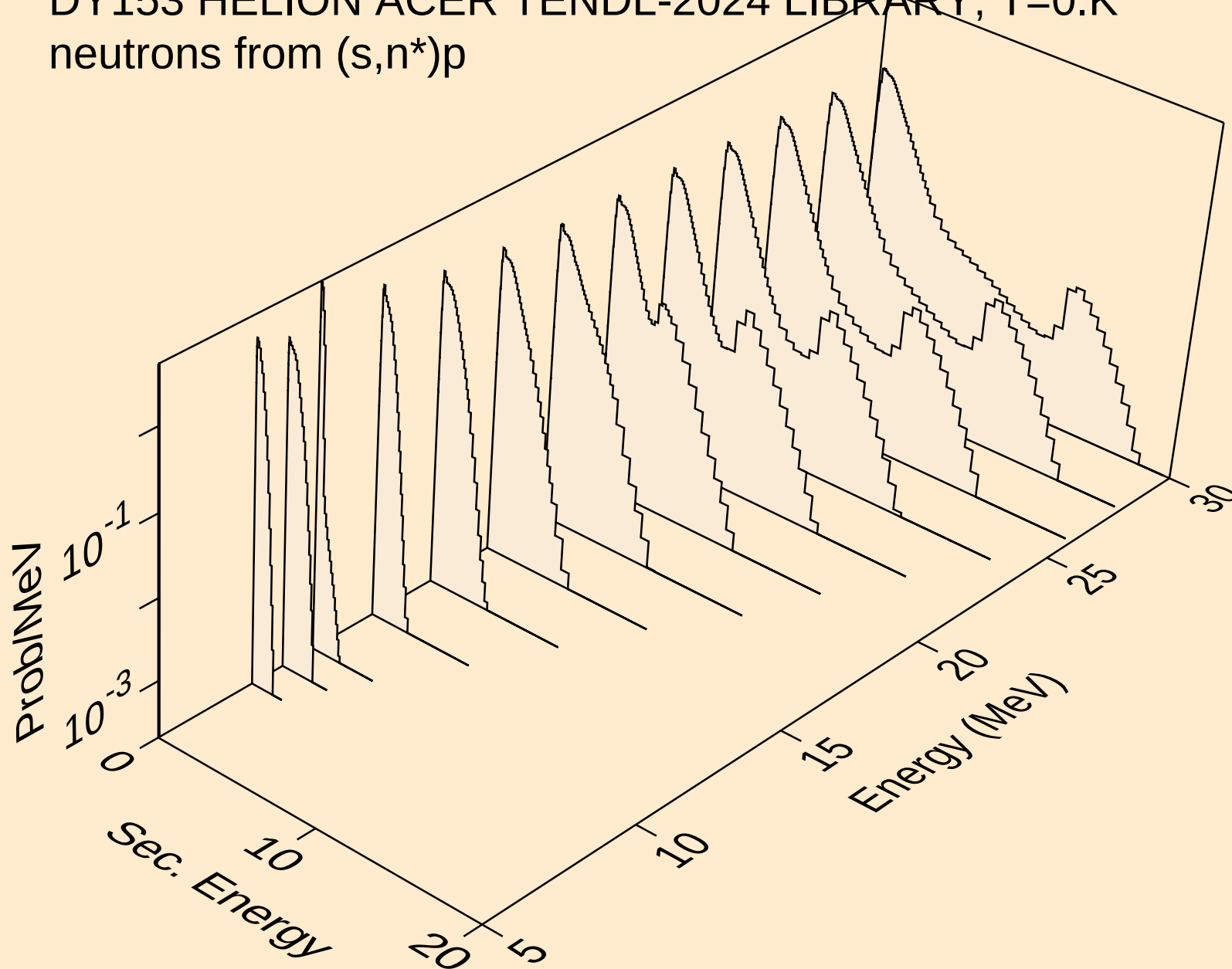
DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2n)a



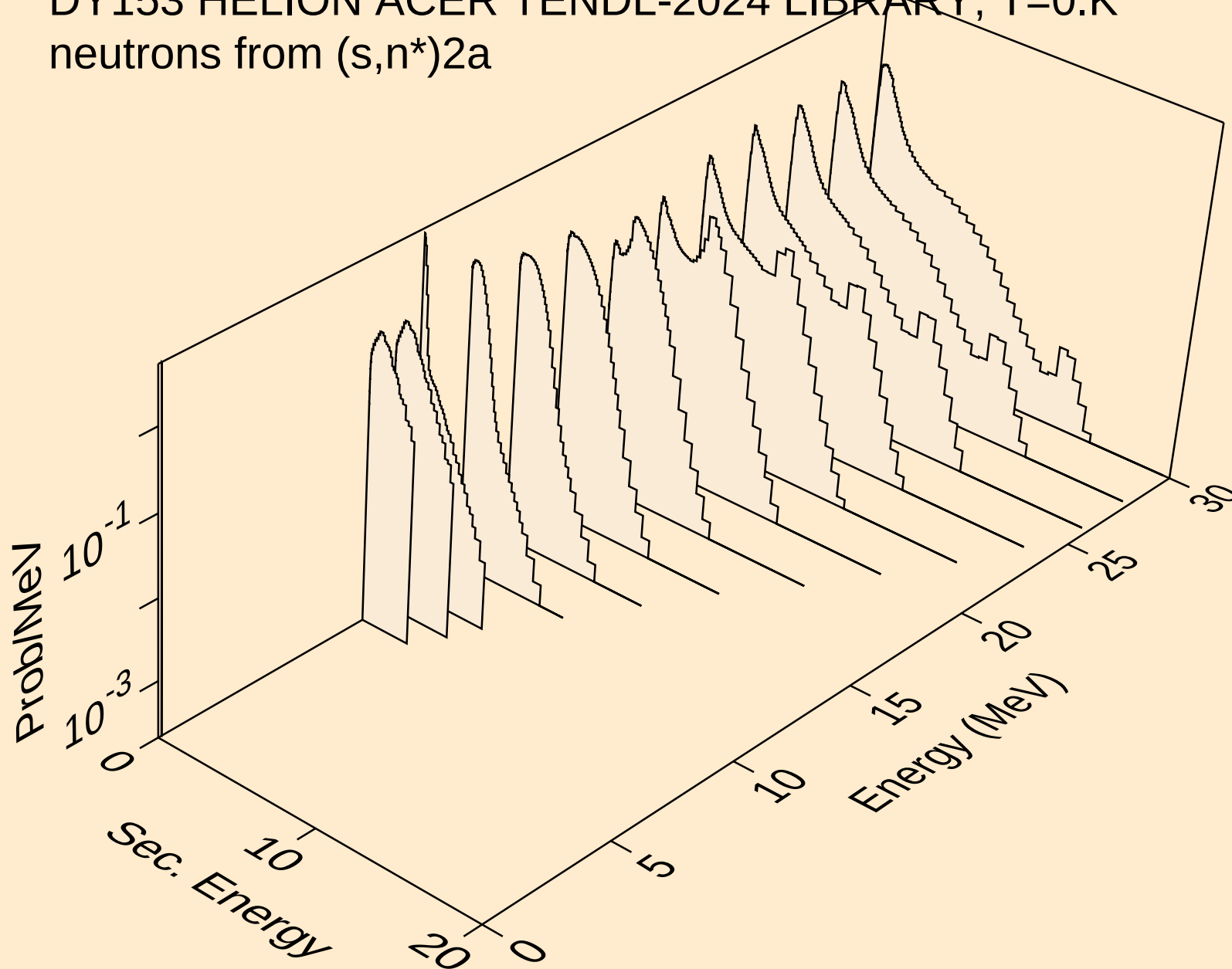
DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,3n)a



DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)p

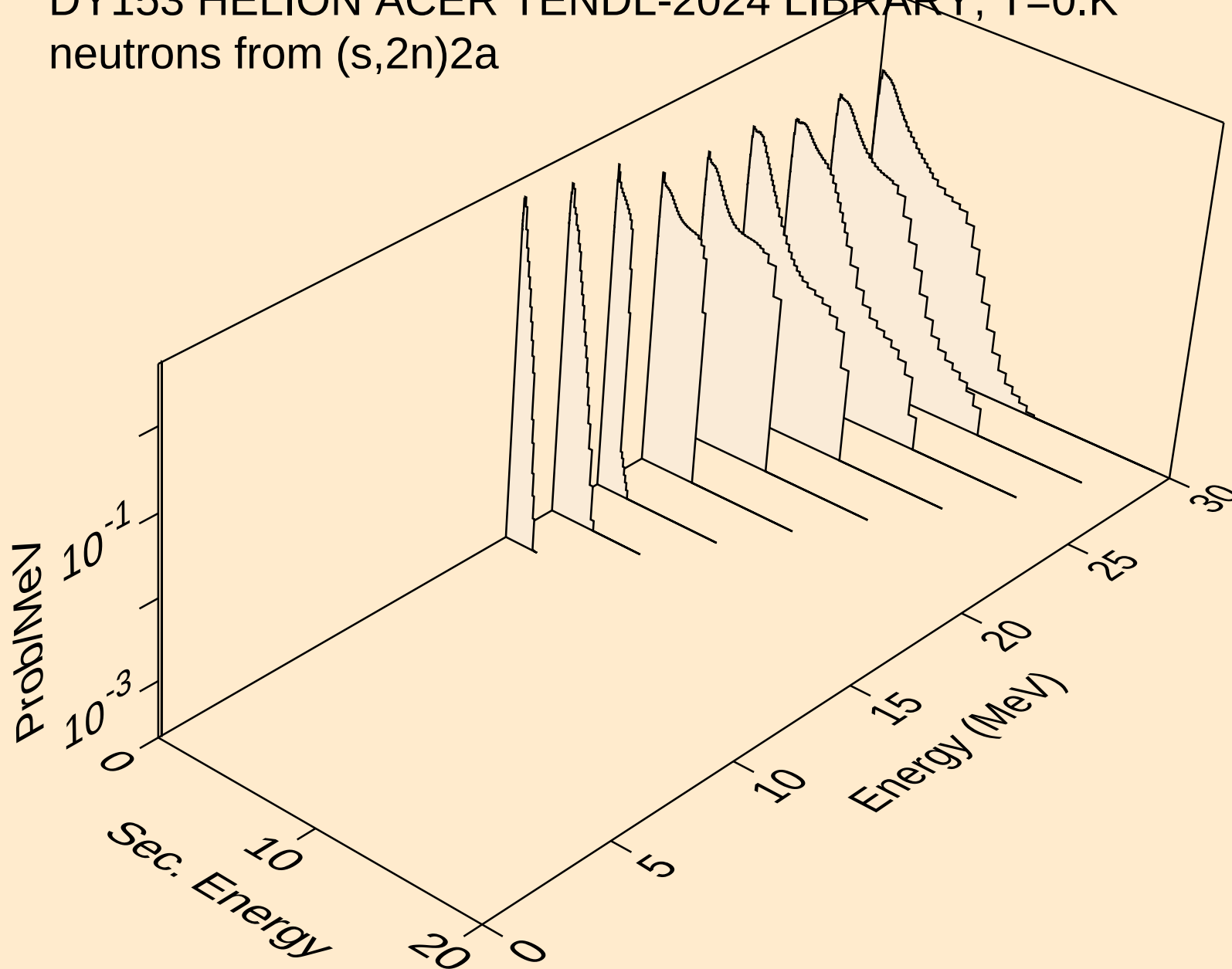


DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)2a

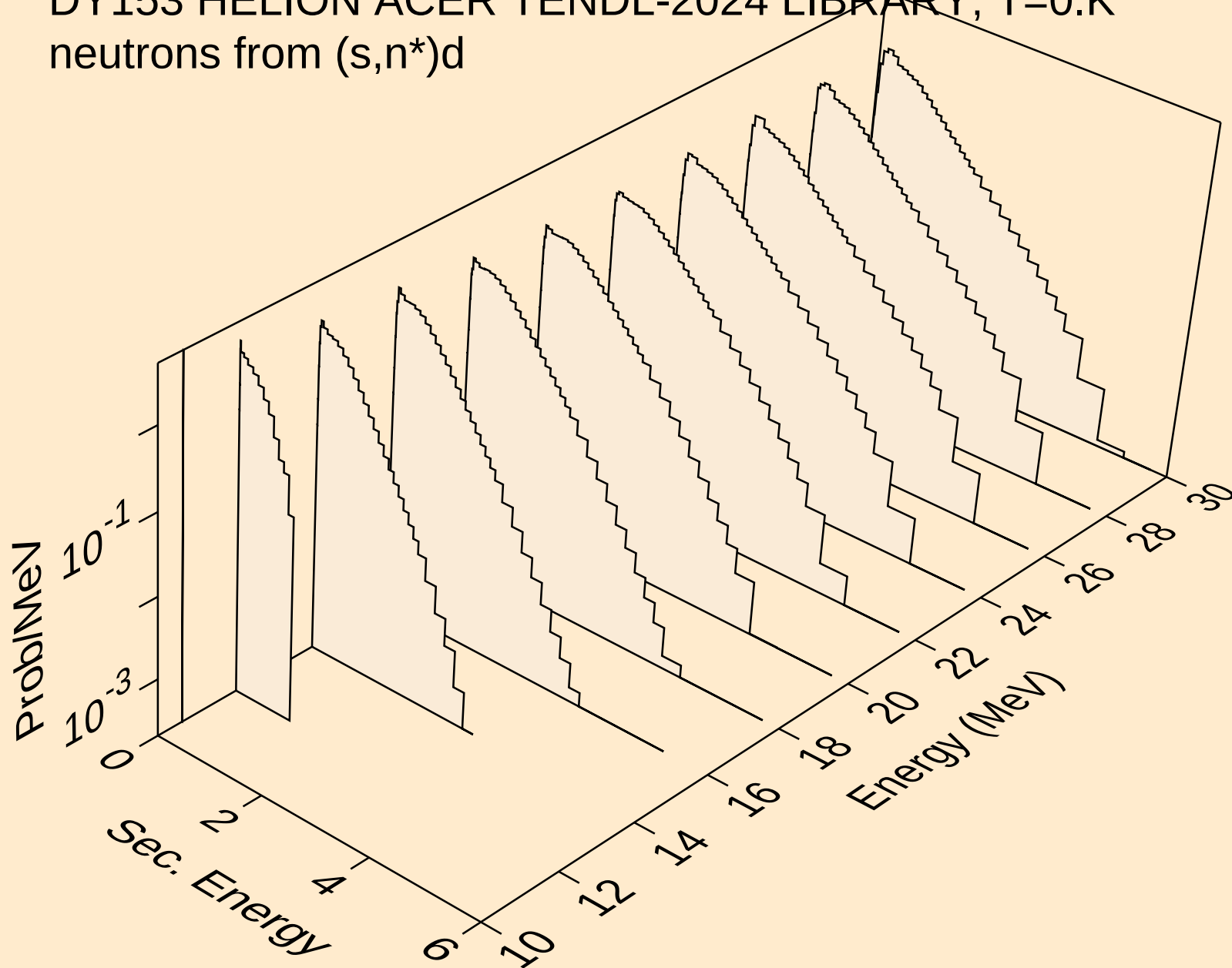




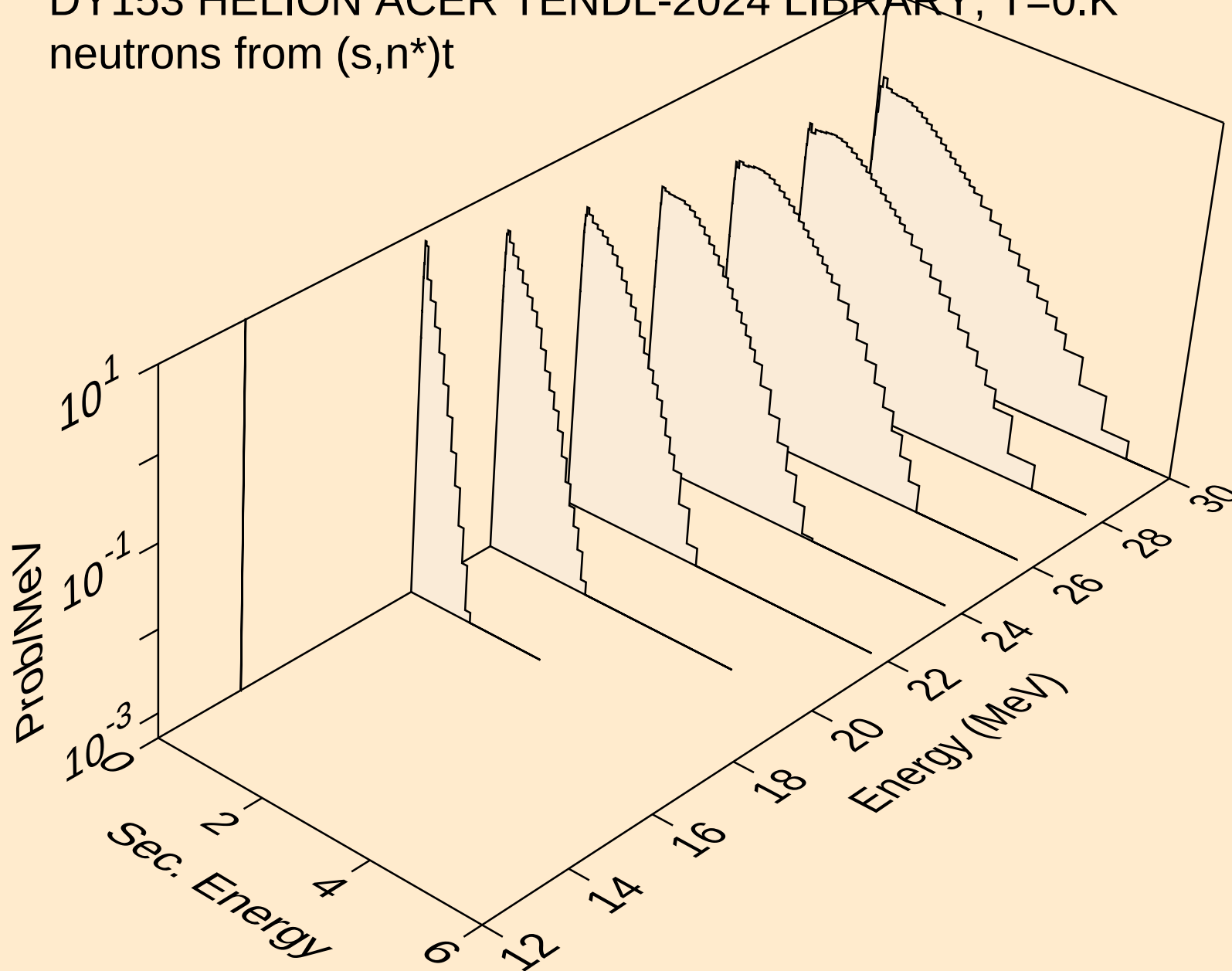
DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2n)2a



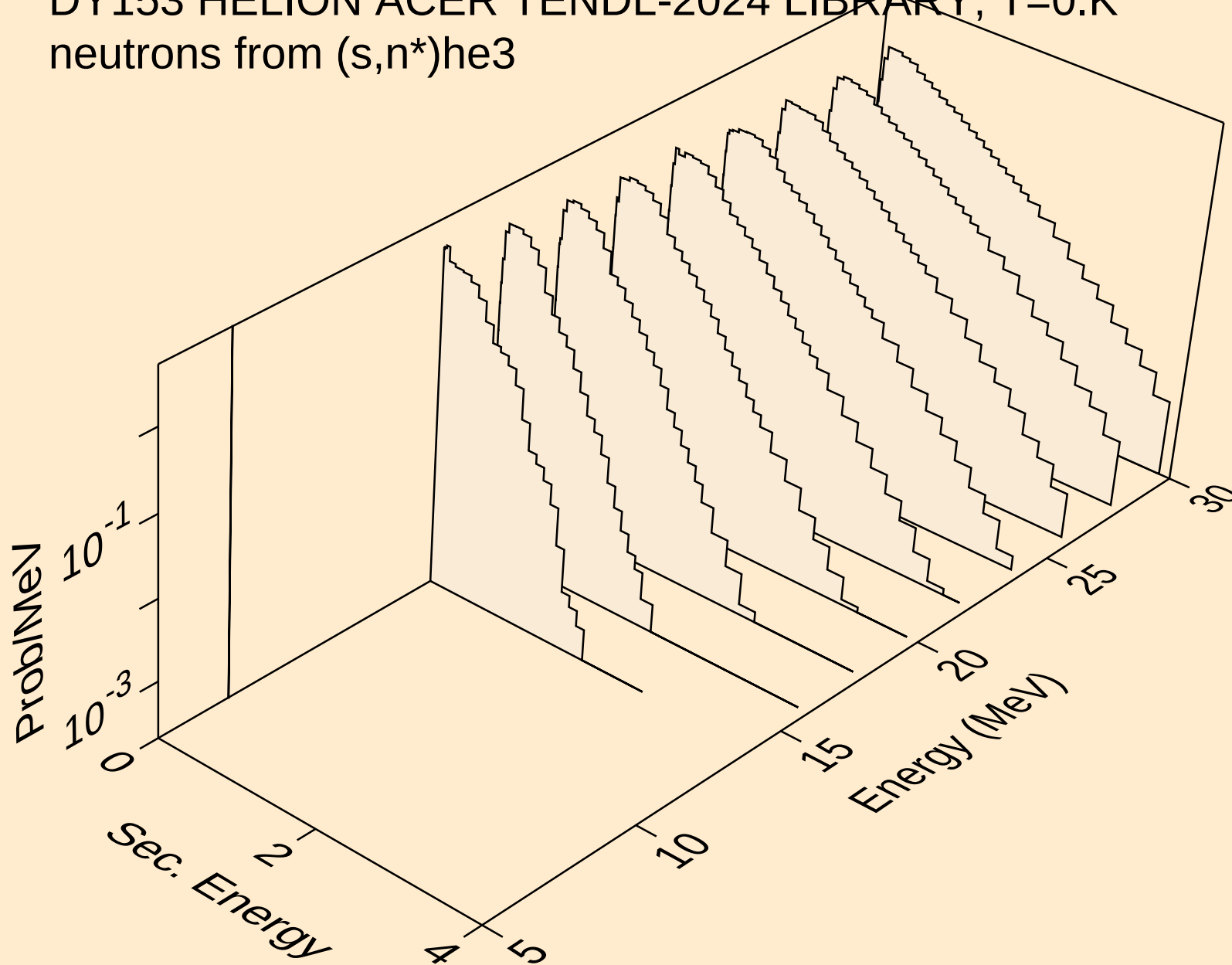
DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)d



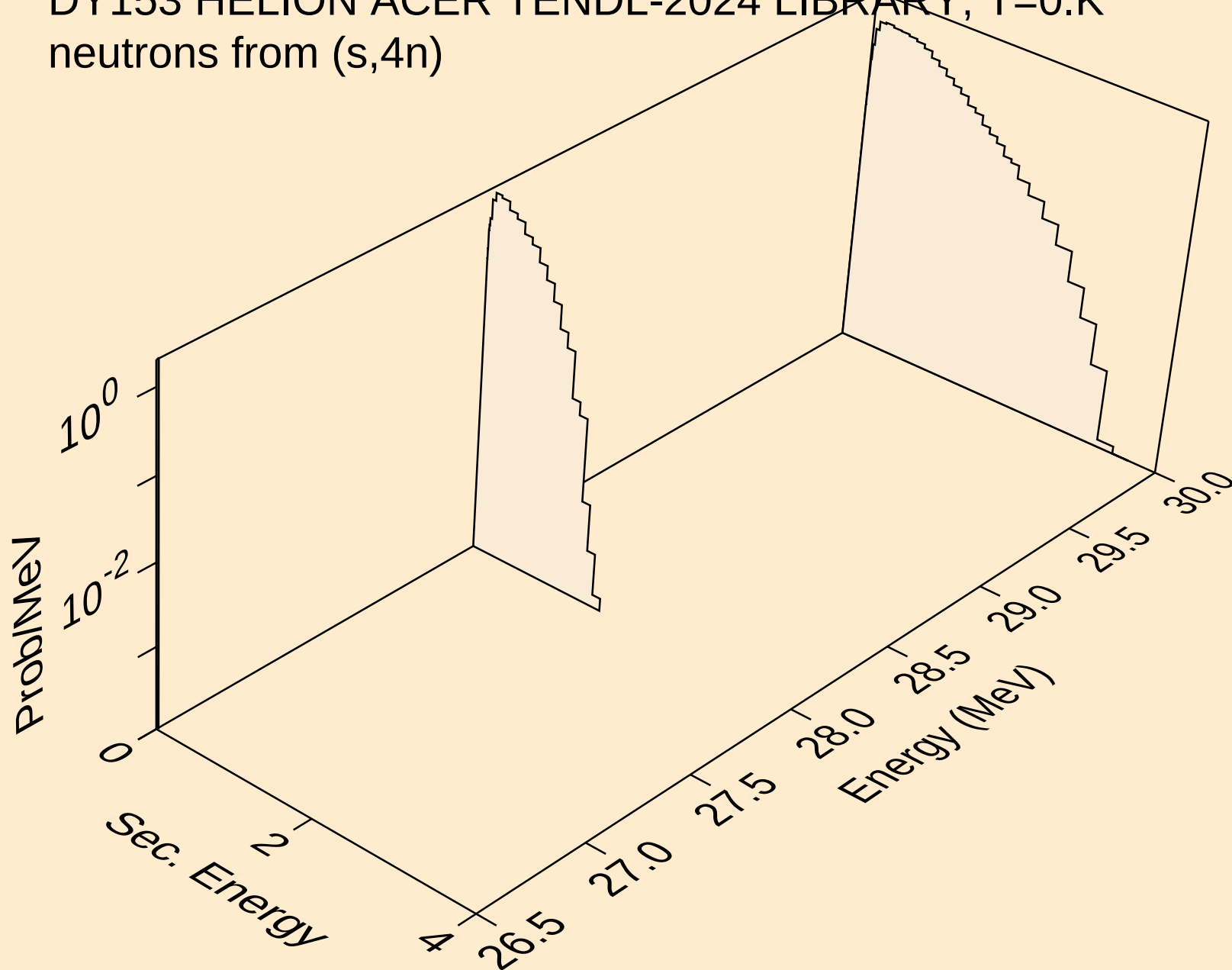
DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)t



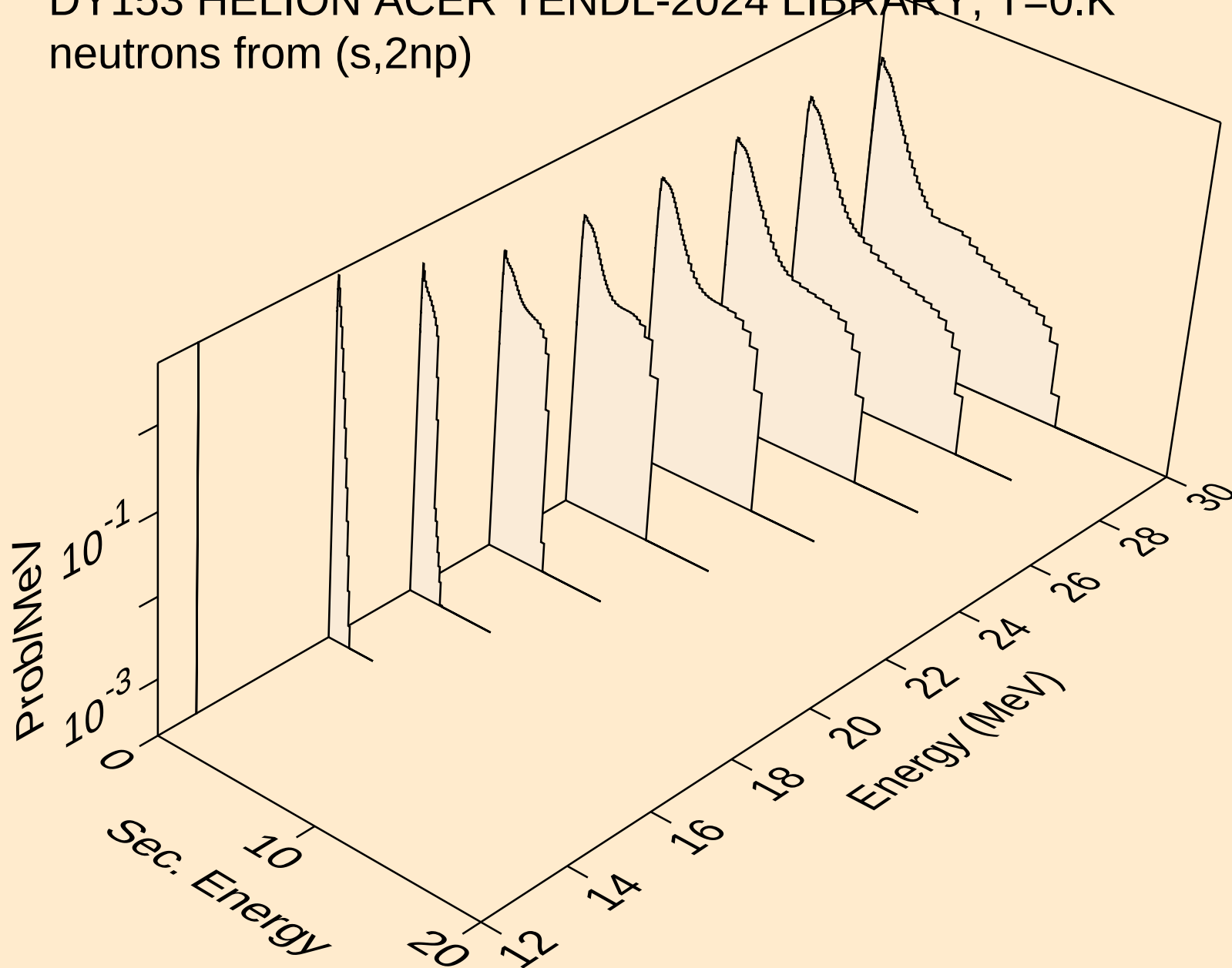
DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



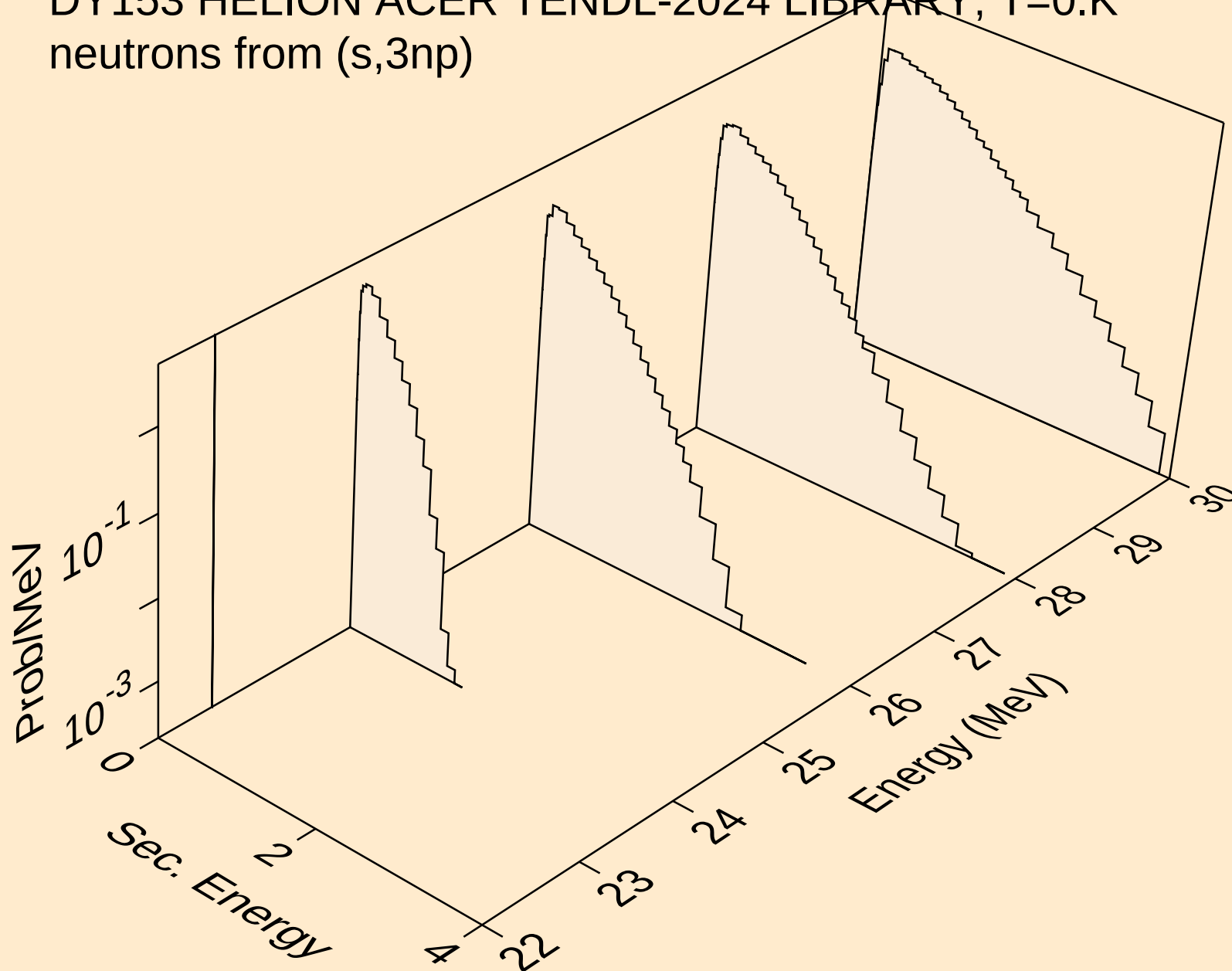
DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,4n)



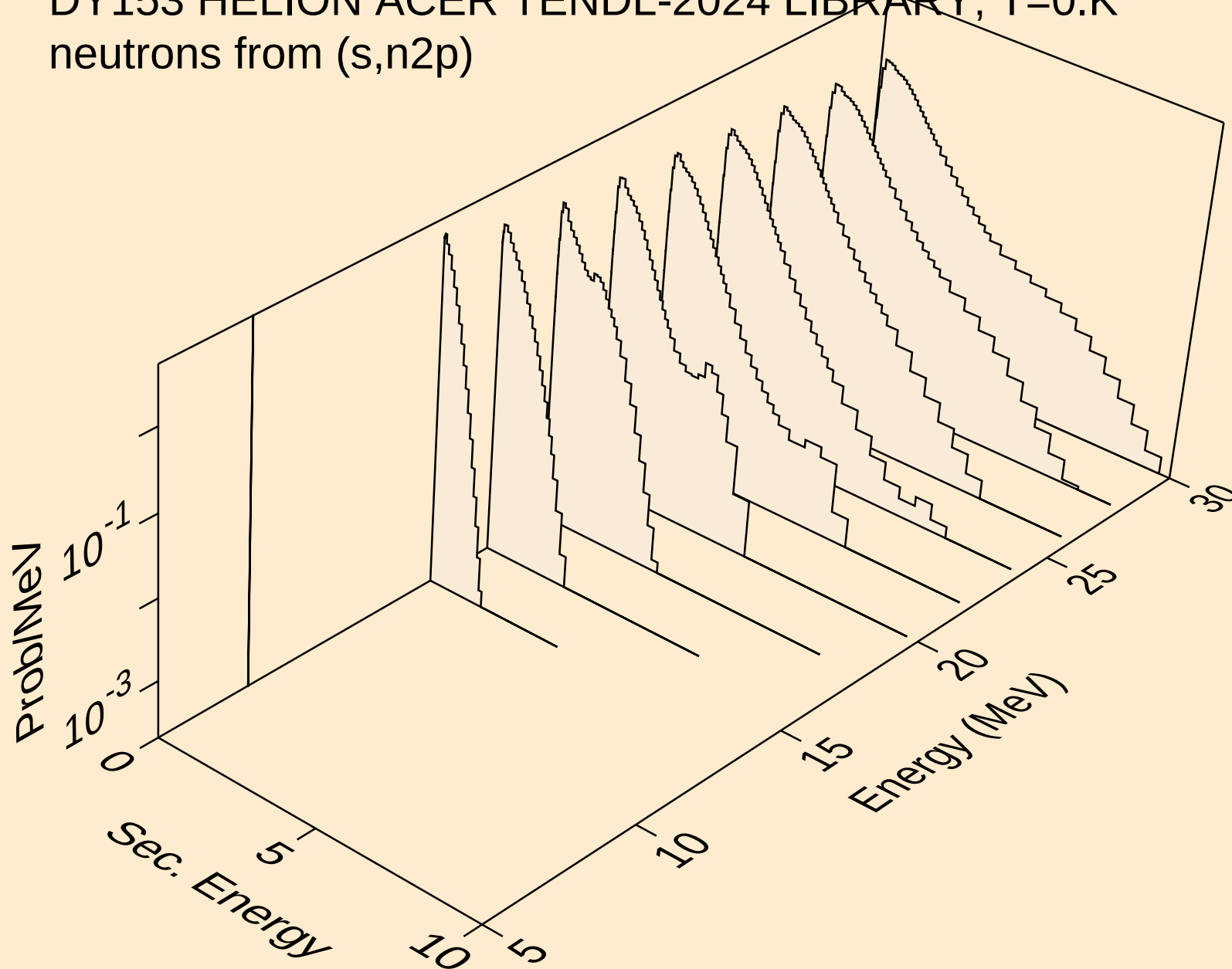
DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2np)



DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,3np)

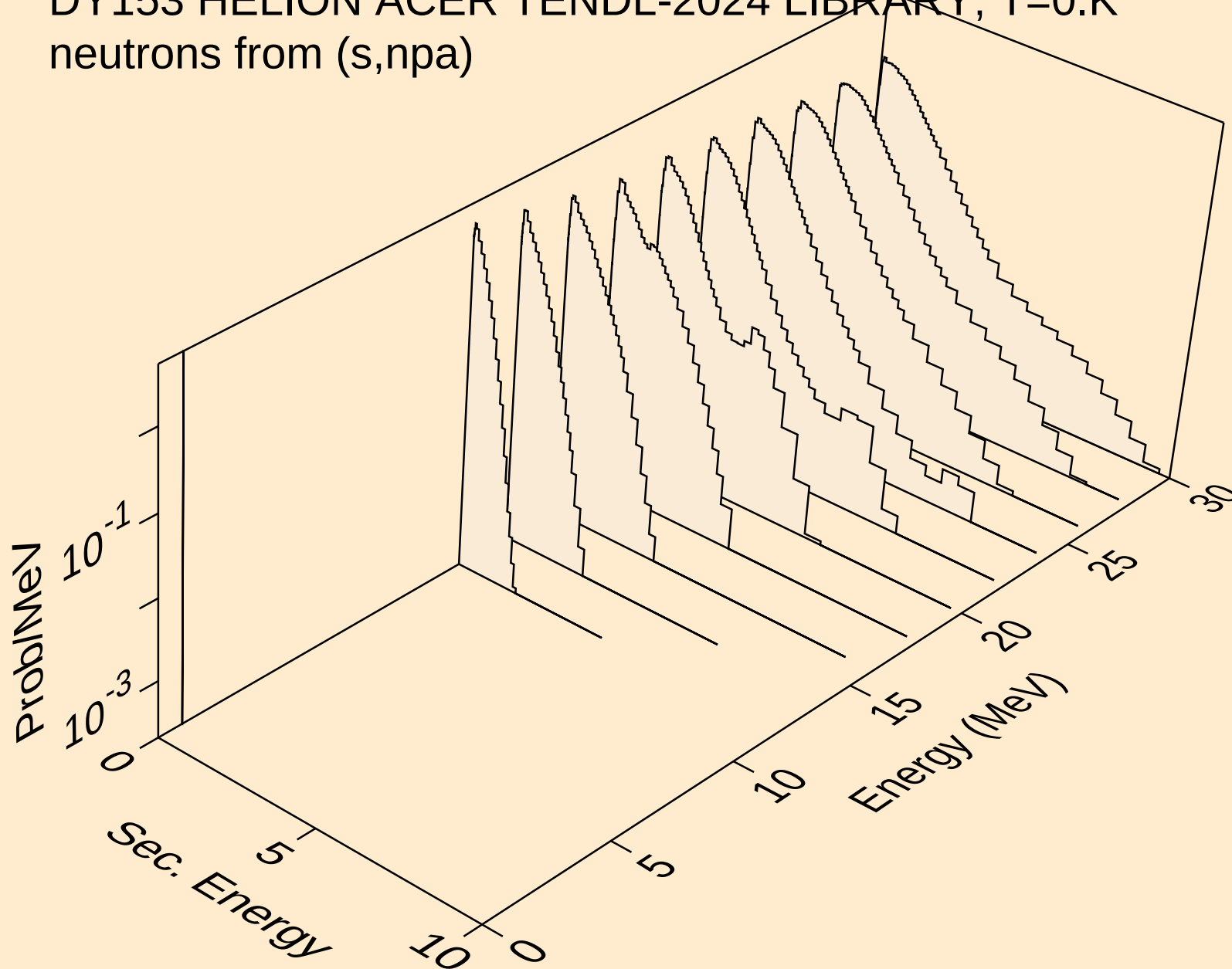


DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n2p)

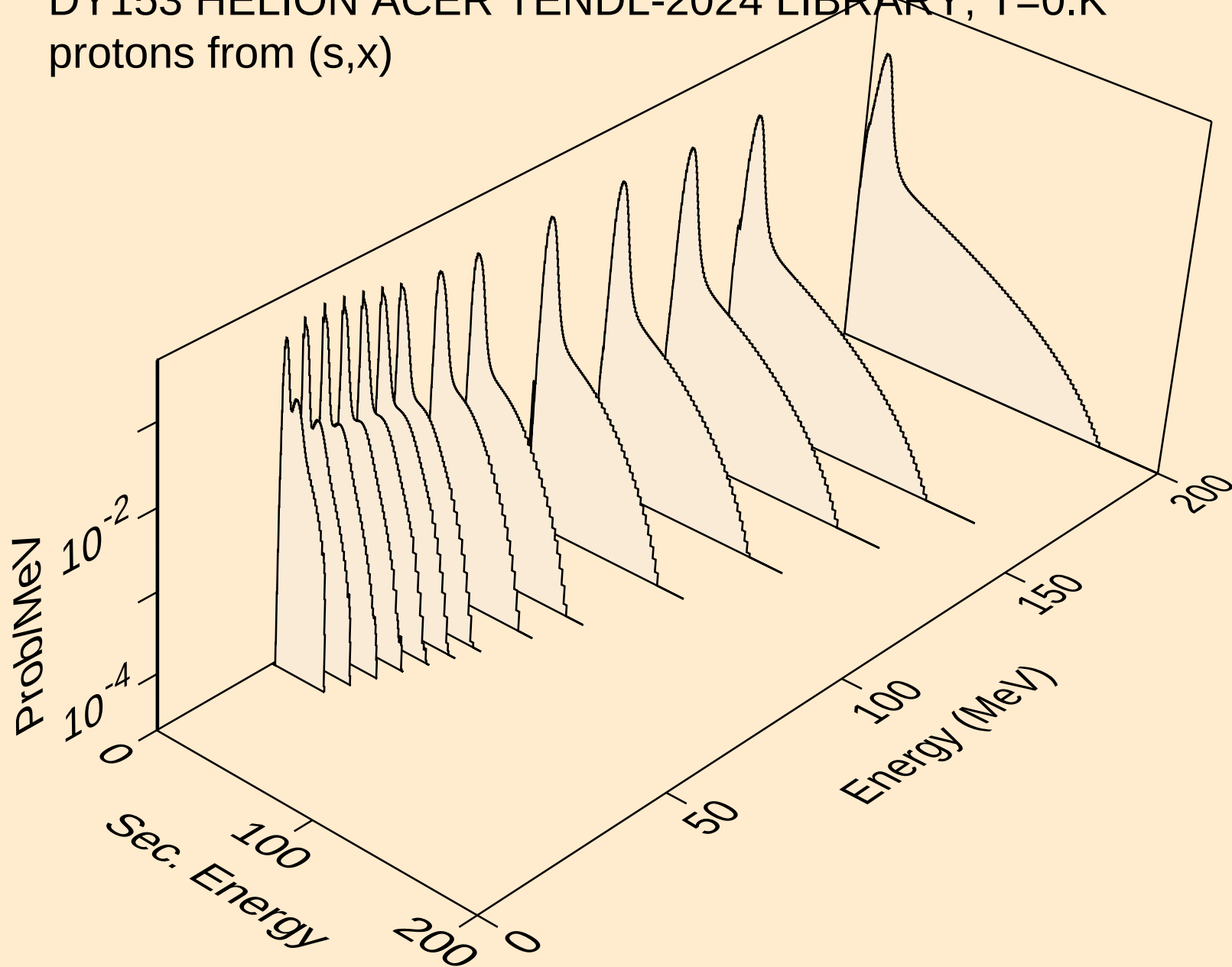




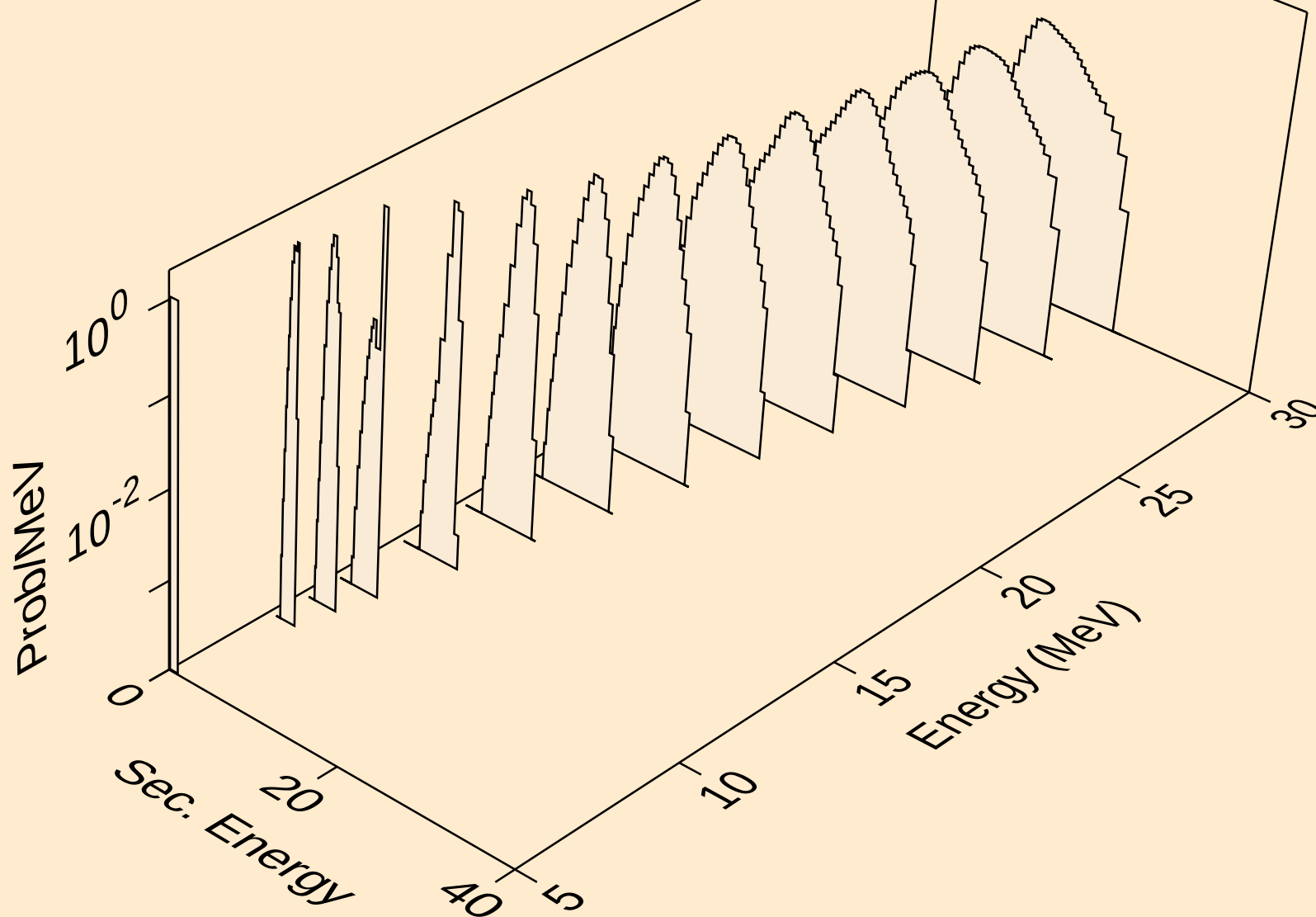
DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,npa)



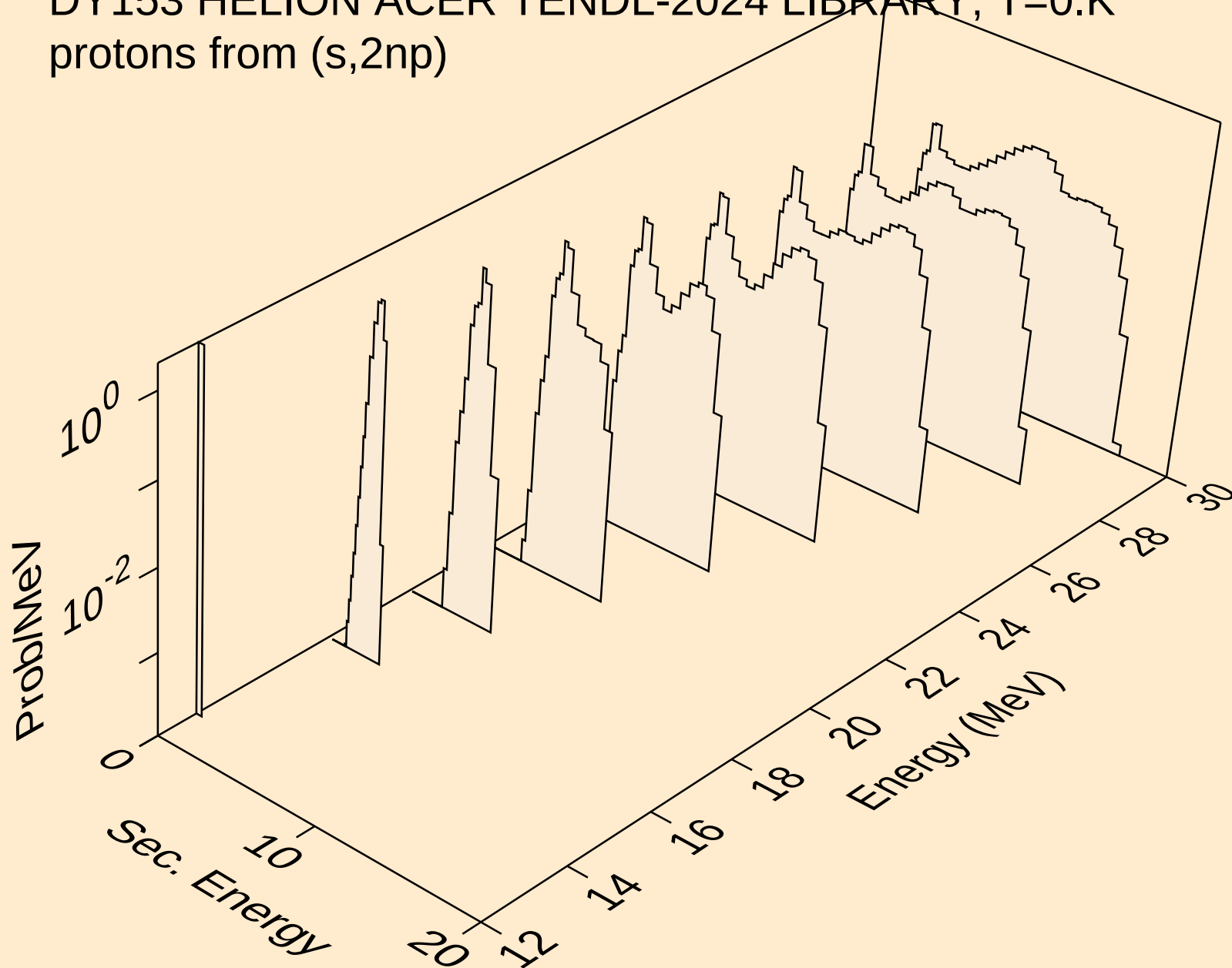
DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,x)



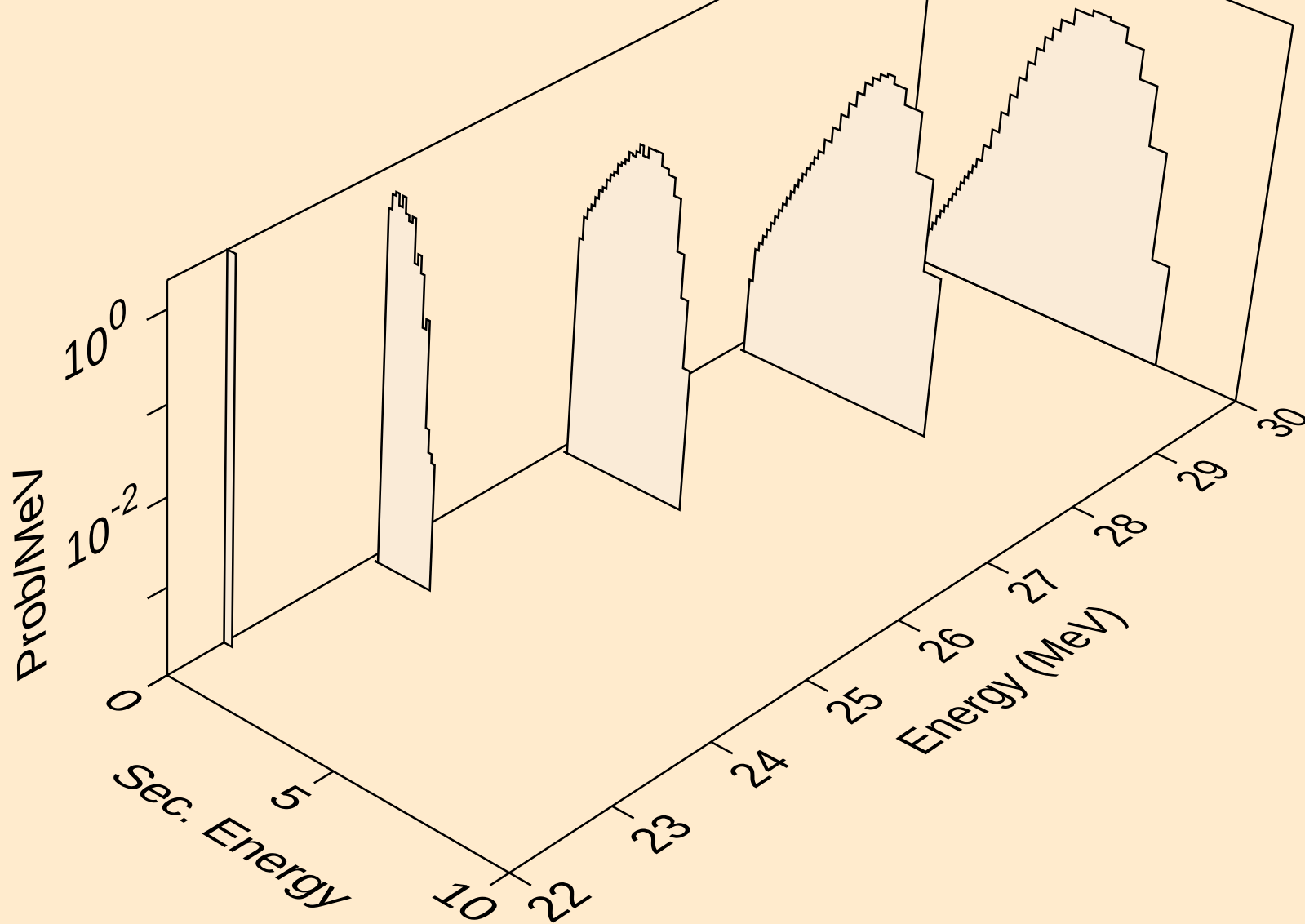
DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,n\*)p



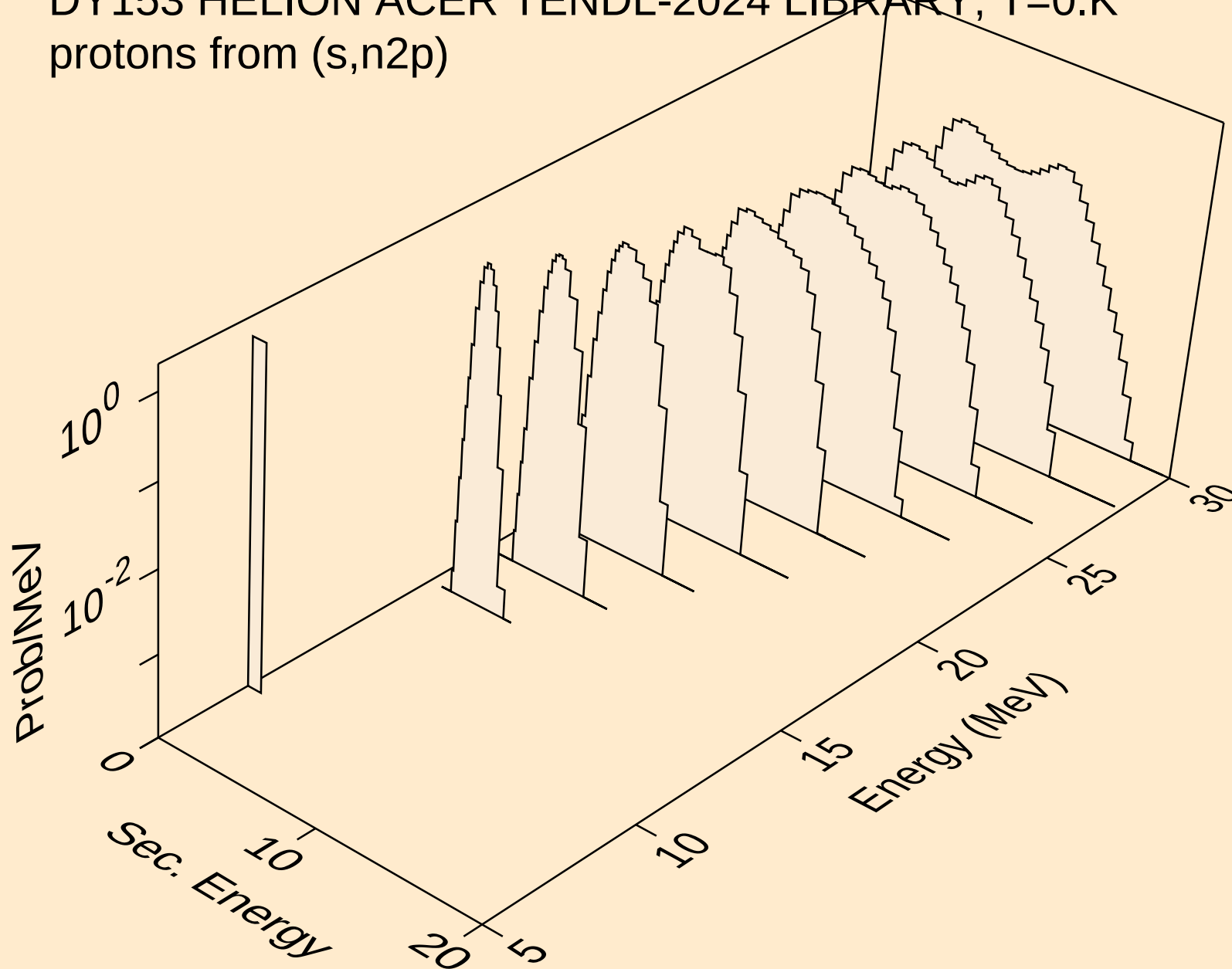
DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,2np)



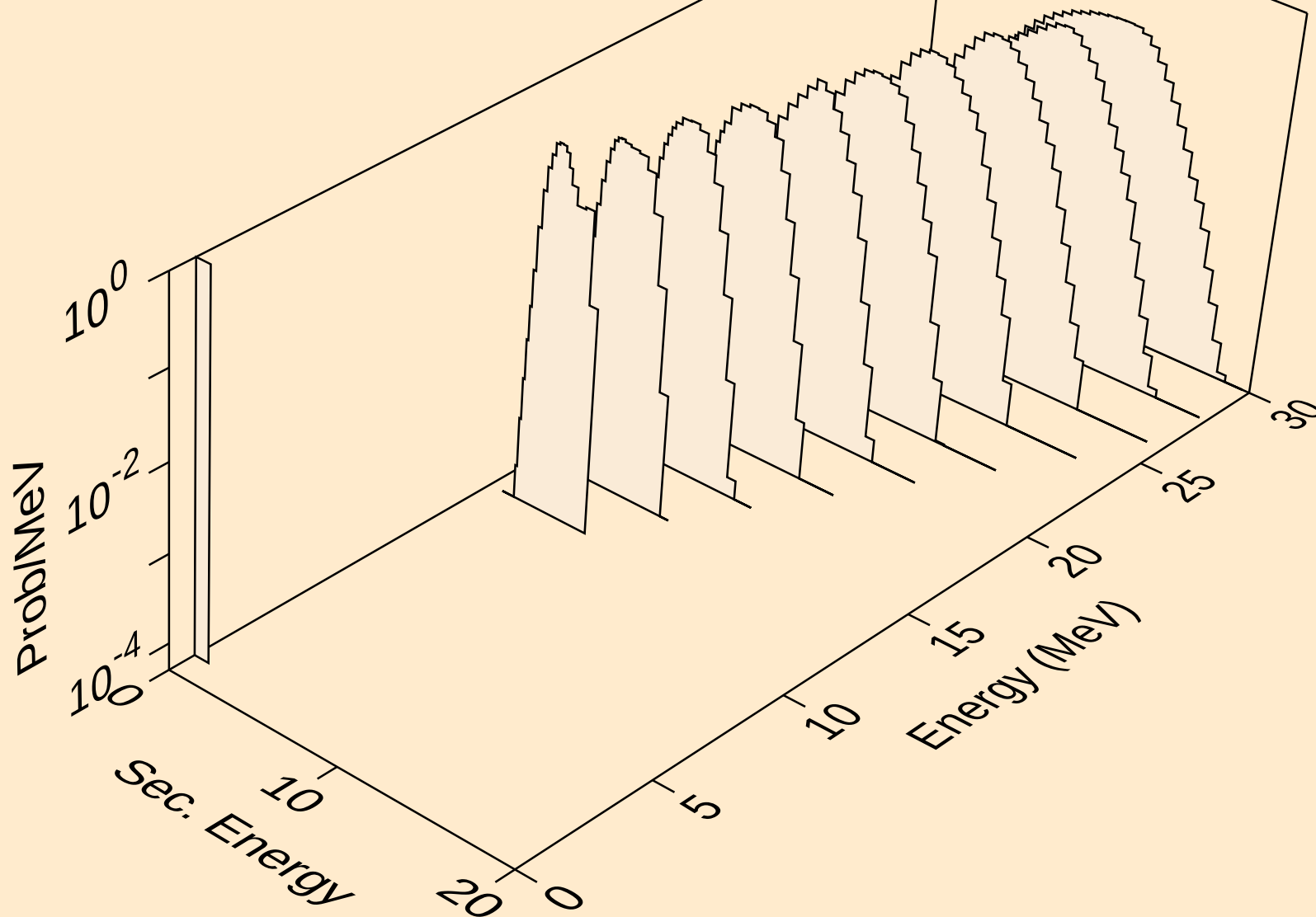
DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,3np)



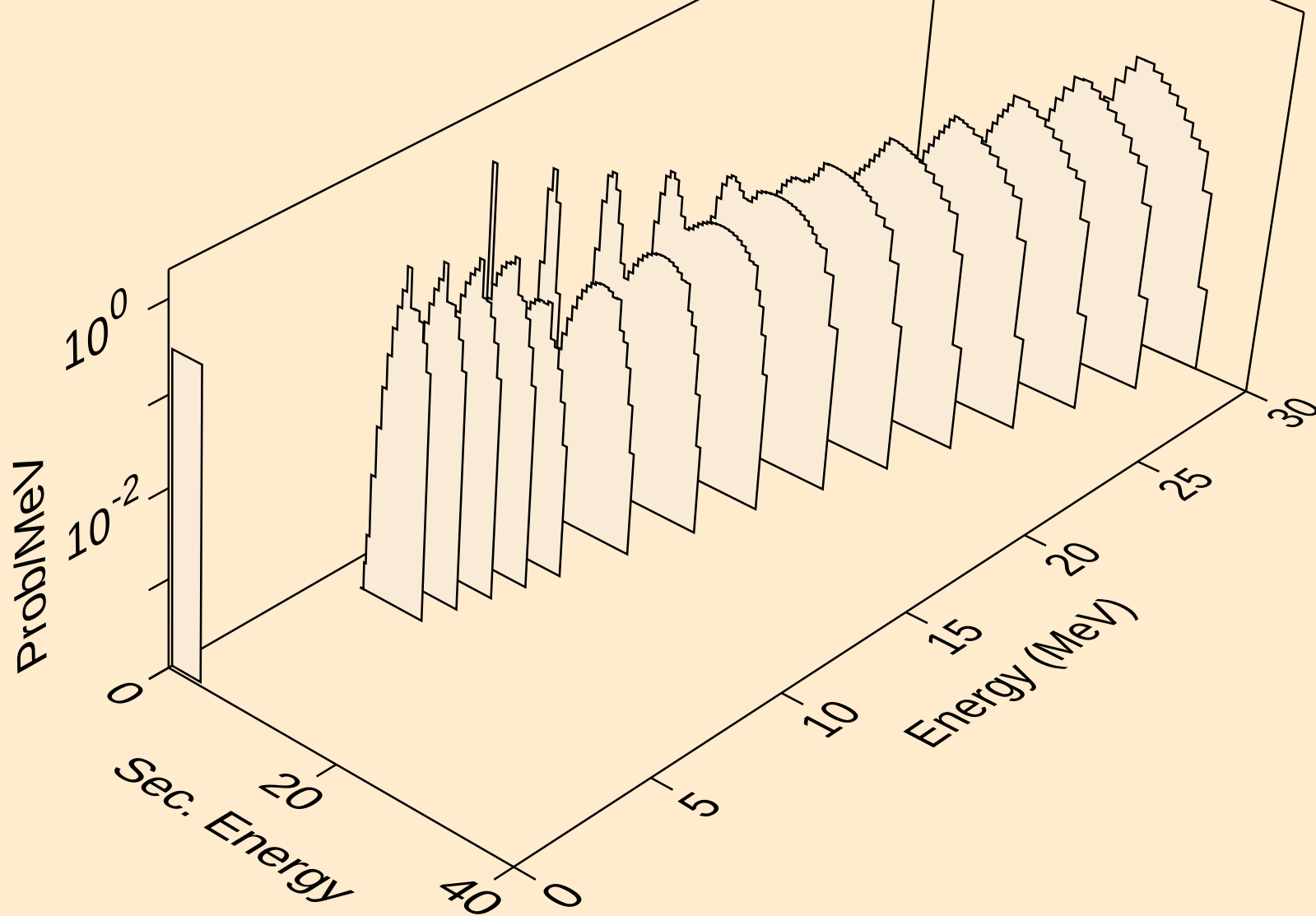
DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,n2p)



DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,npa)

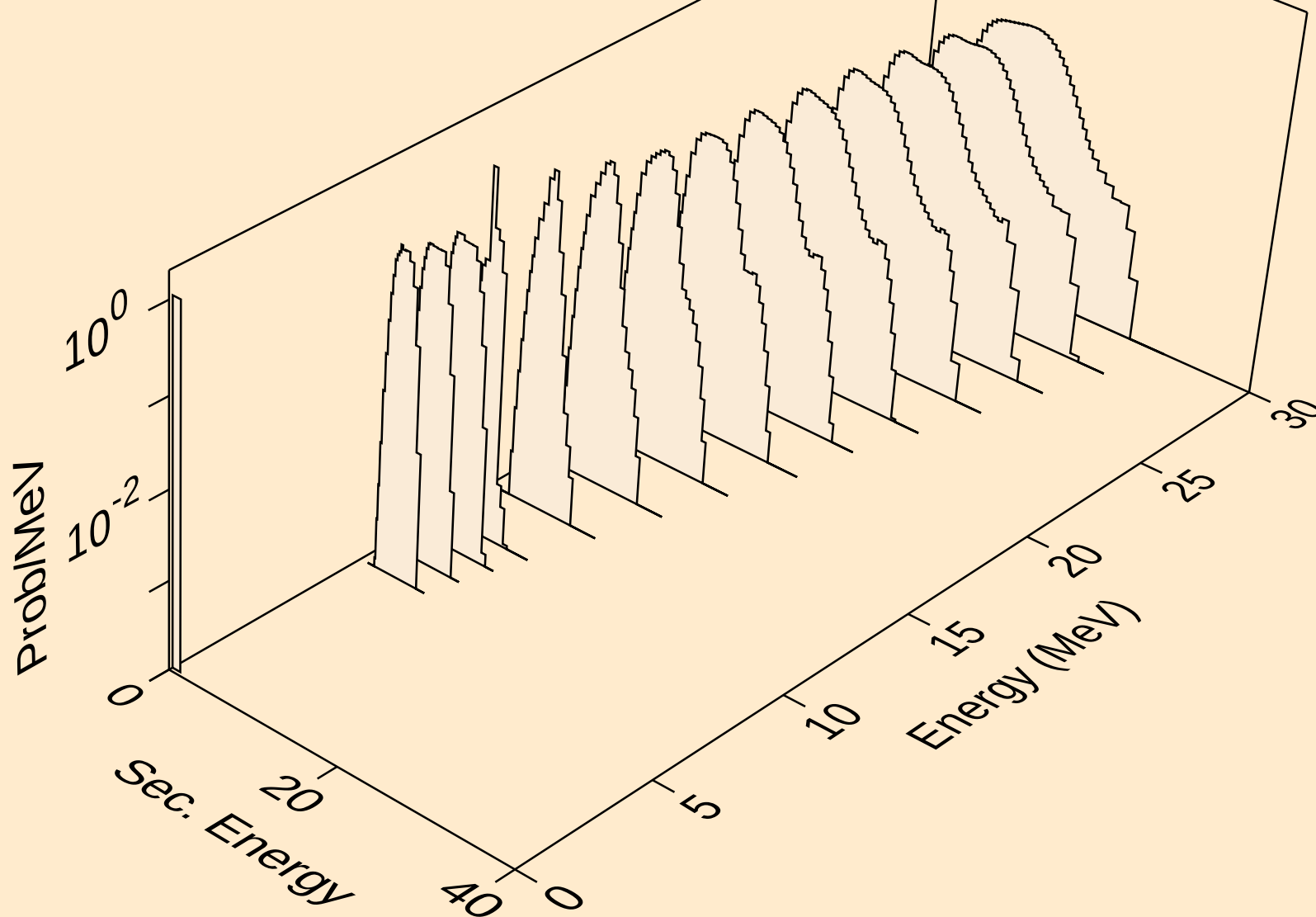


DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,p)

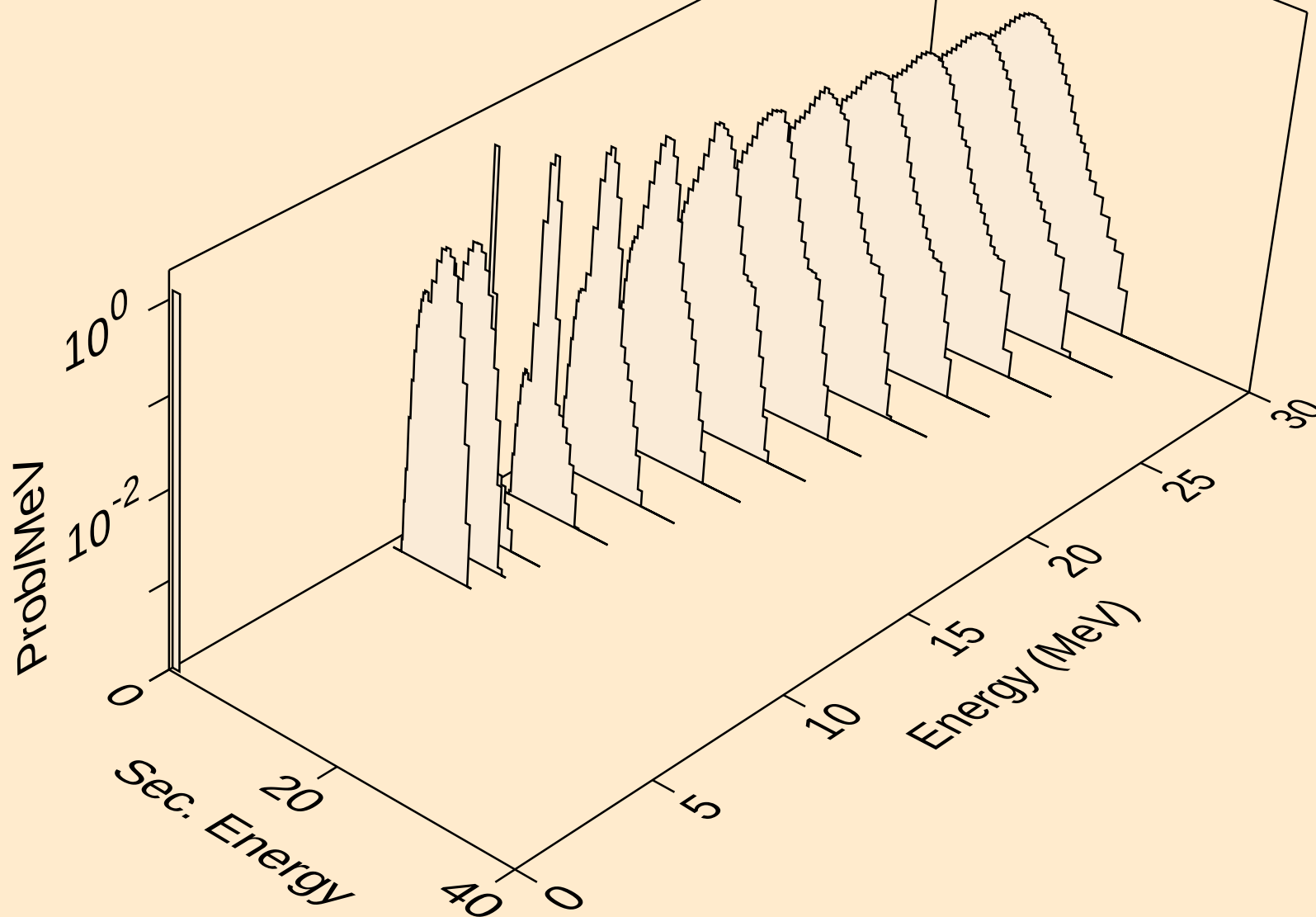




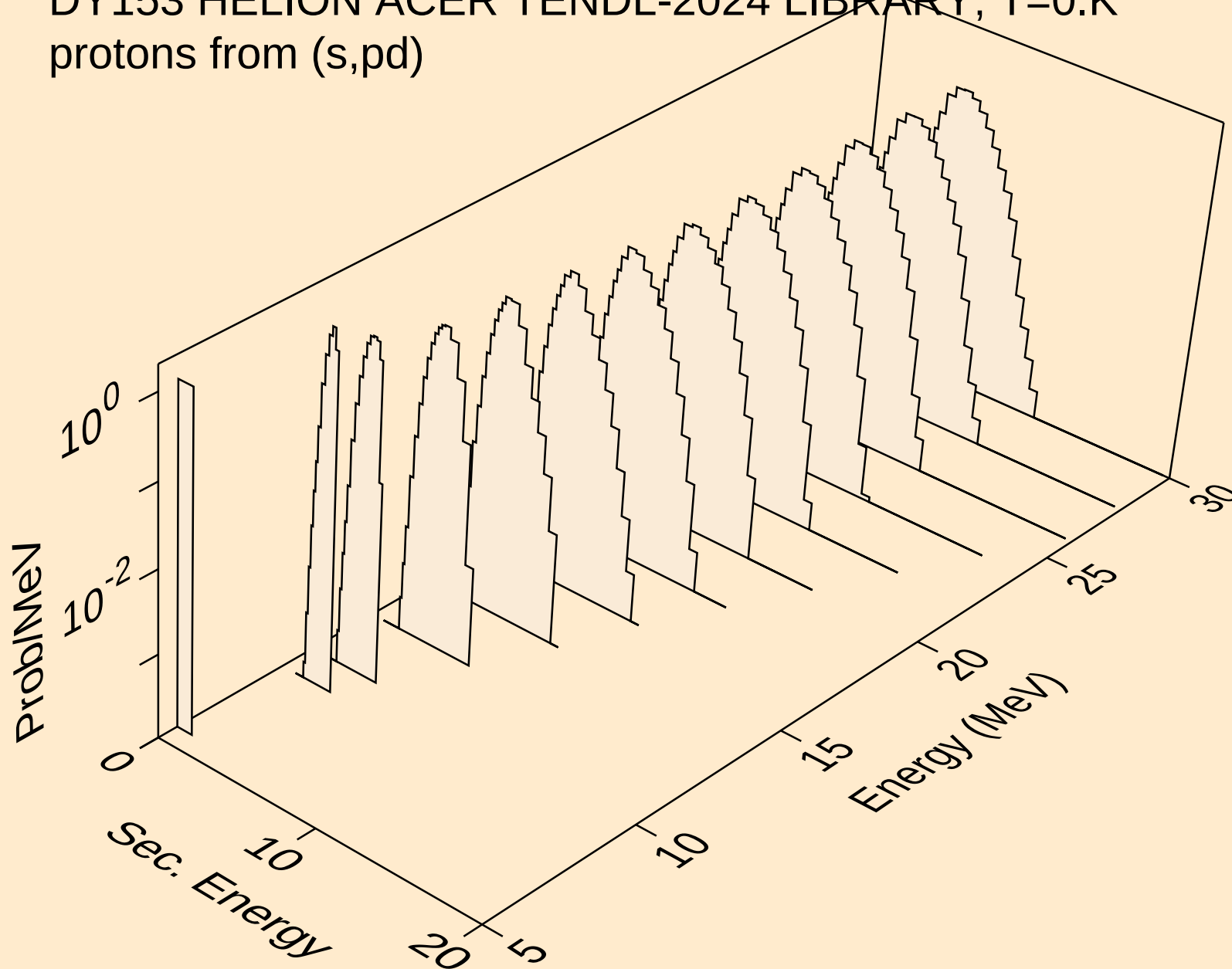
DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,2p)



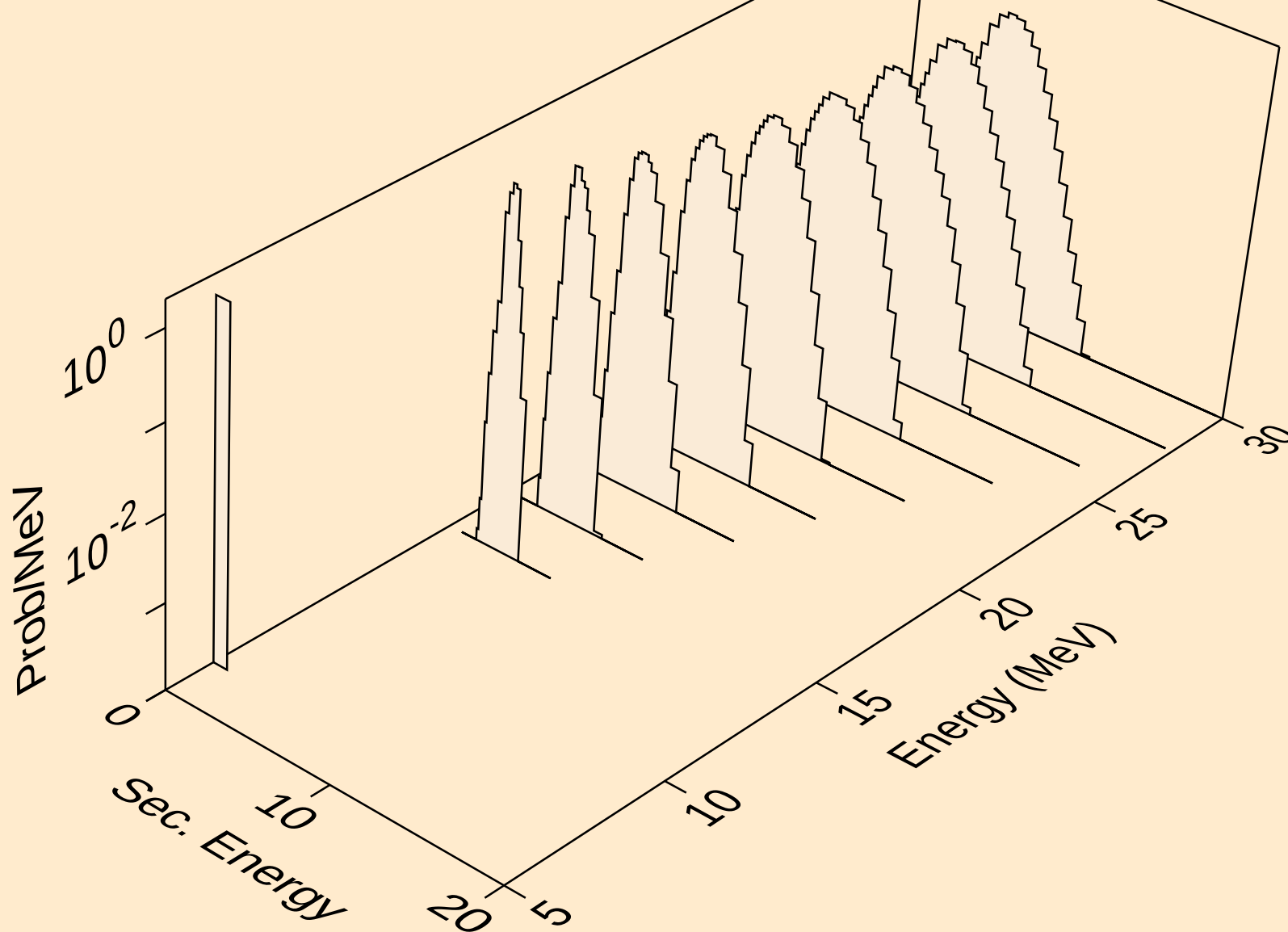
DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,pa)



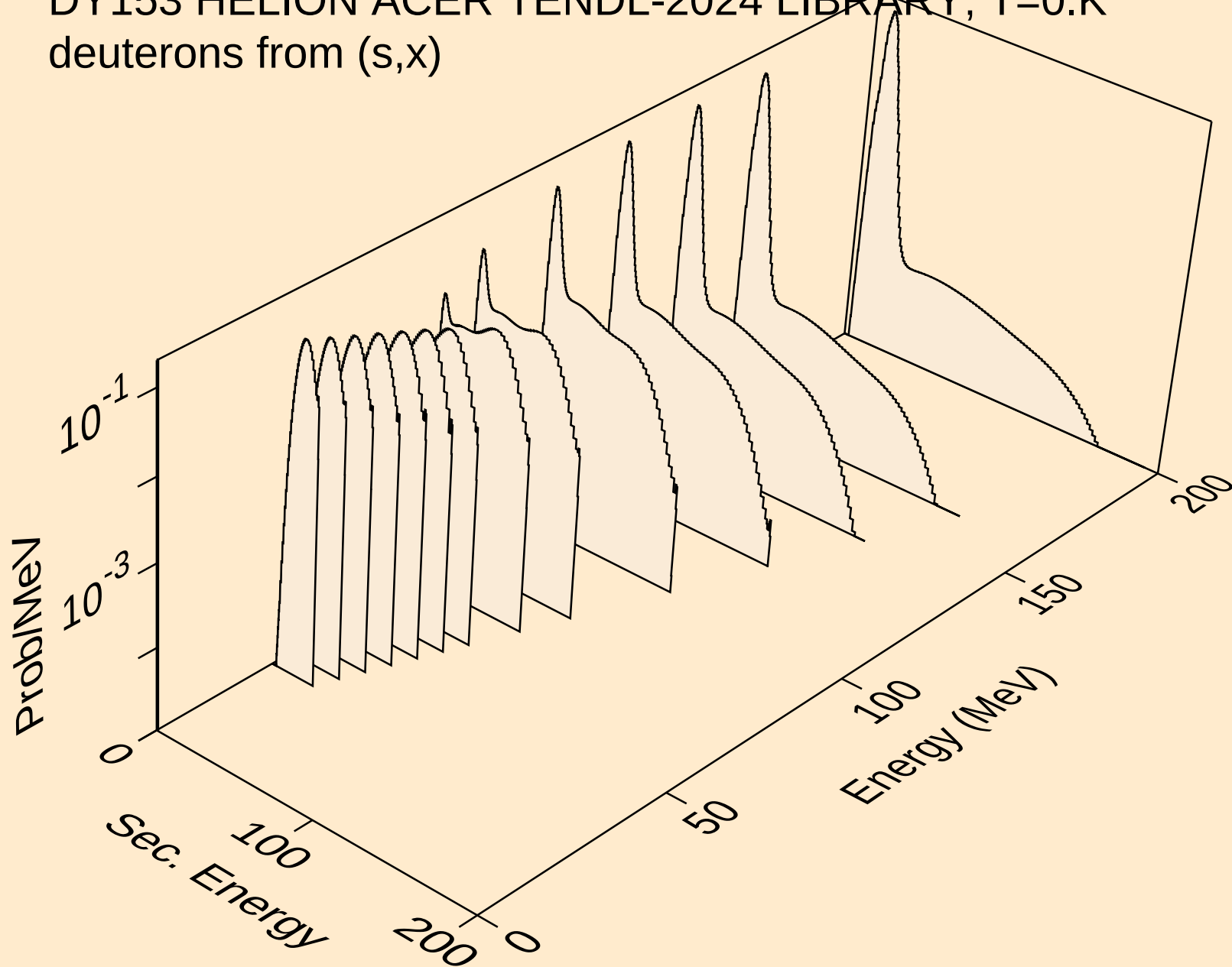
DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,pd)



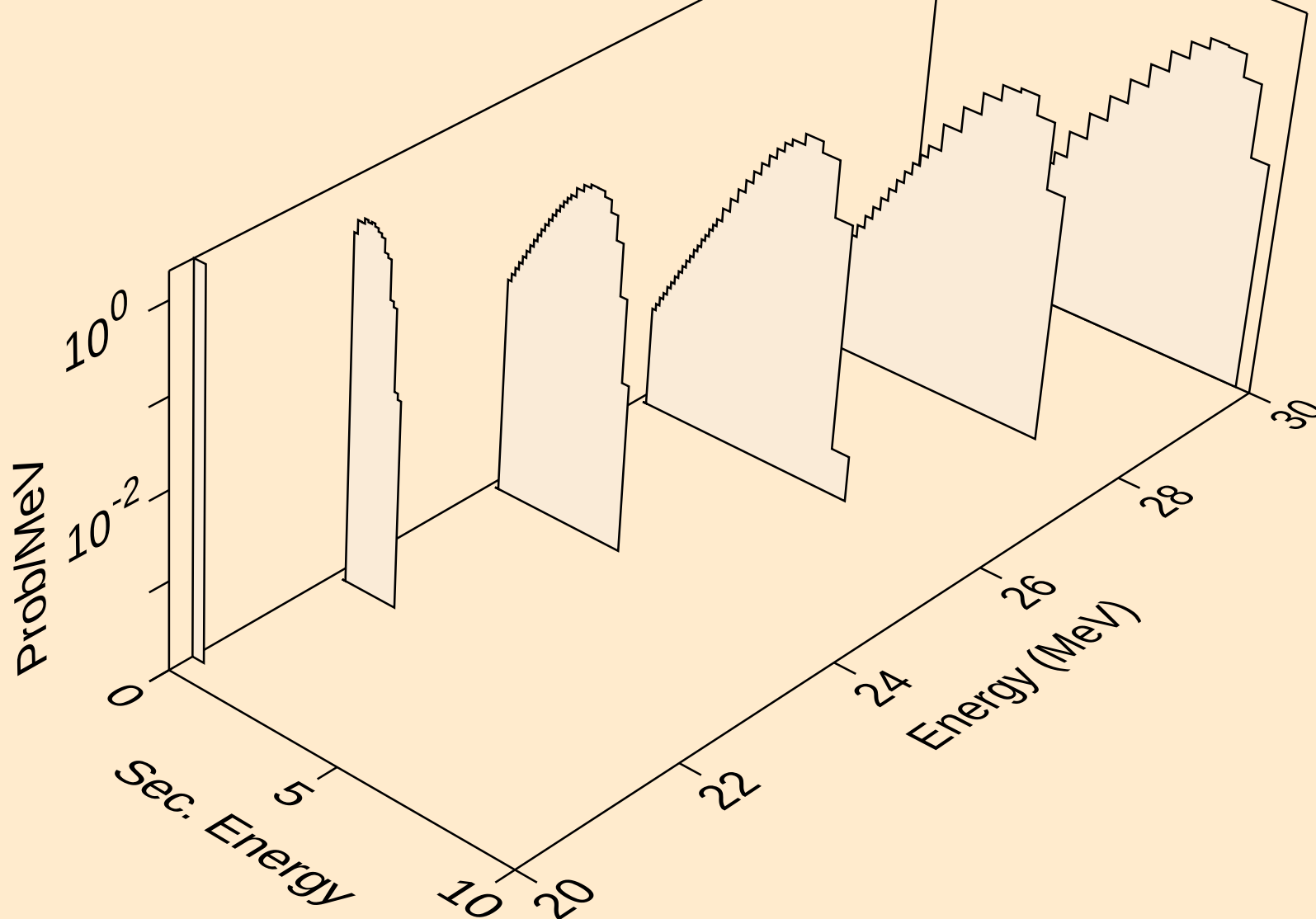
DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,pt)



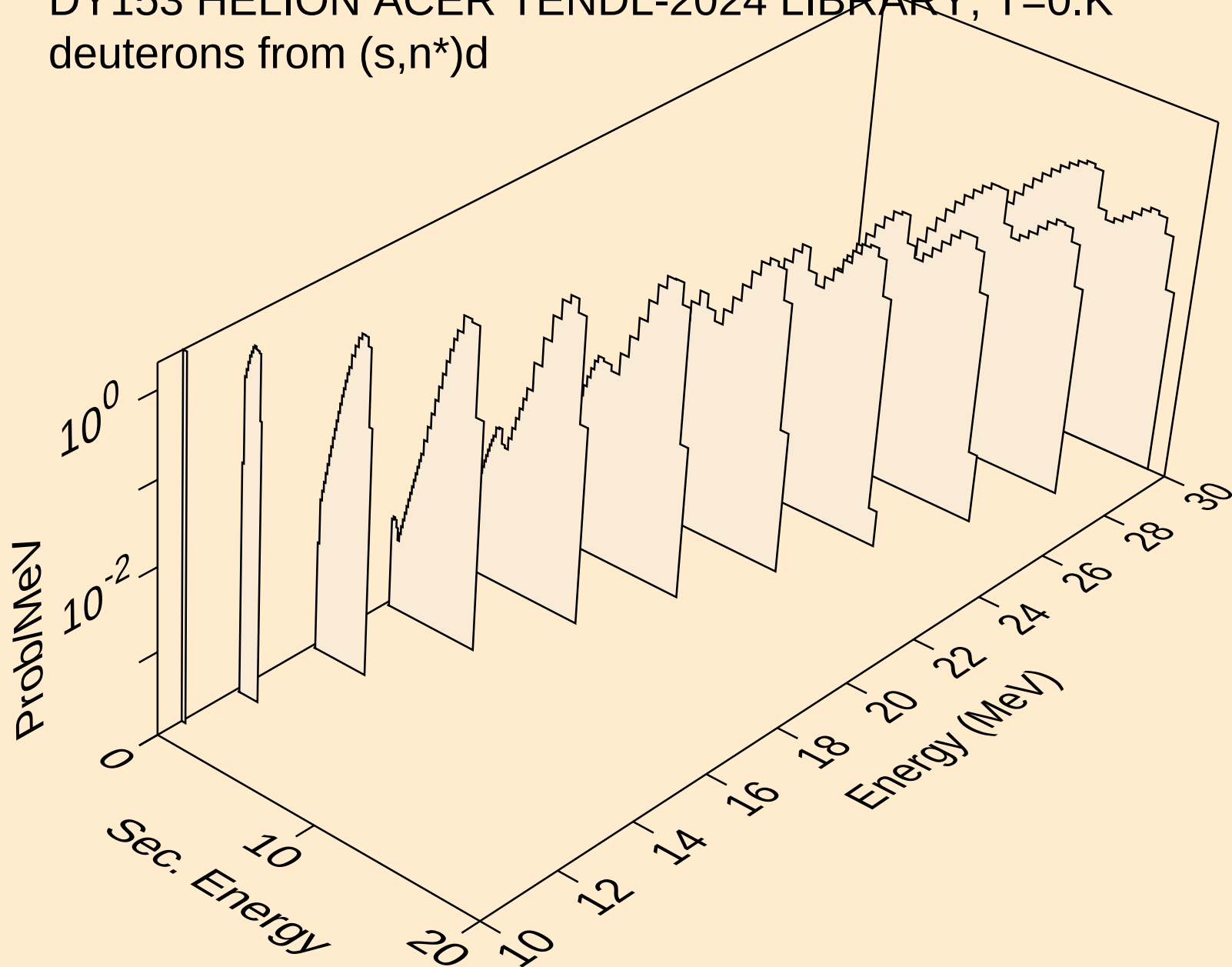
DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,x)



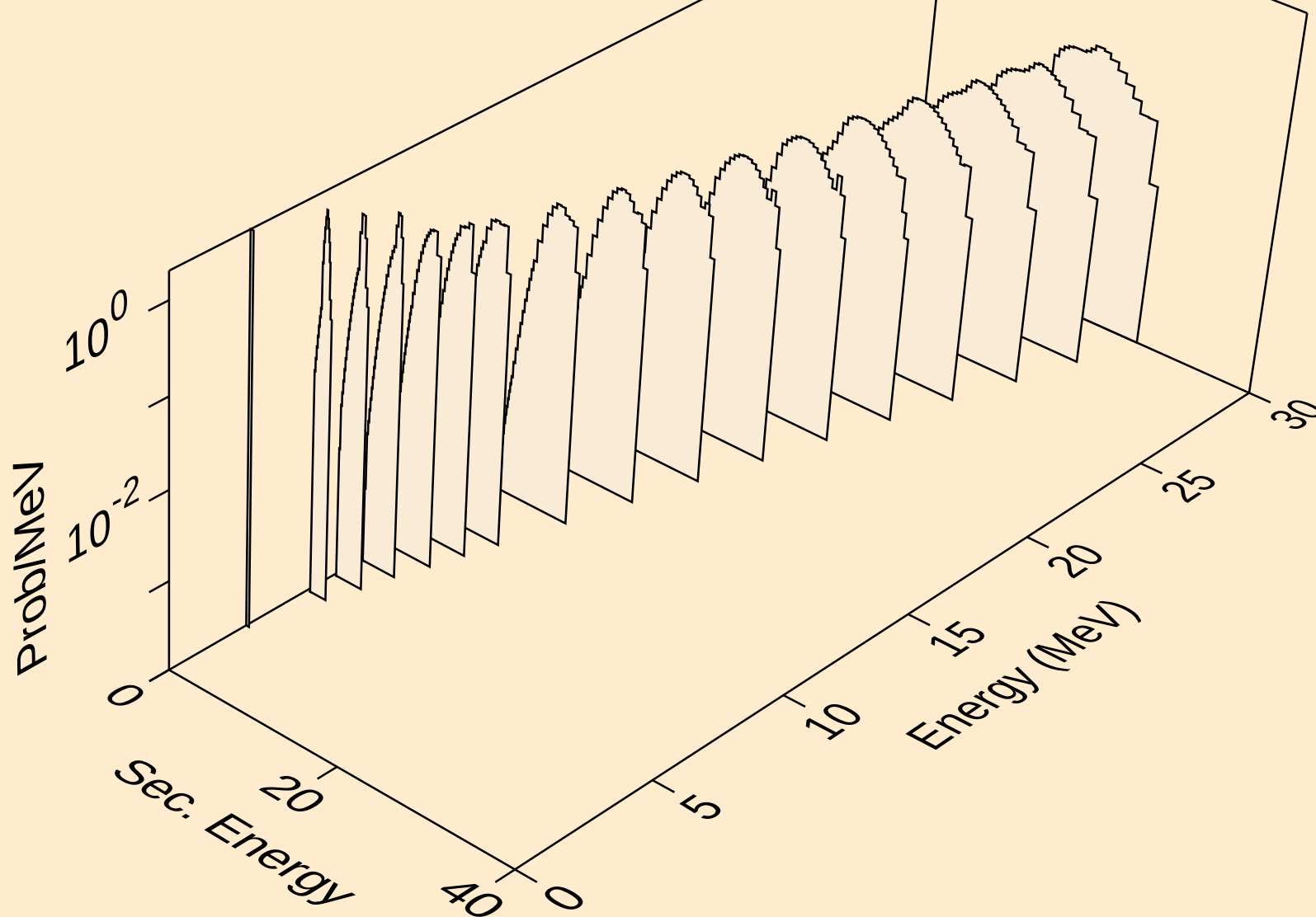
DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,2nd)



DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,n\*)d

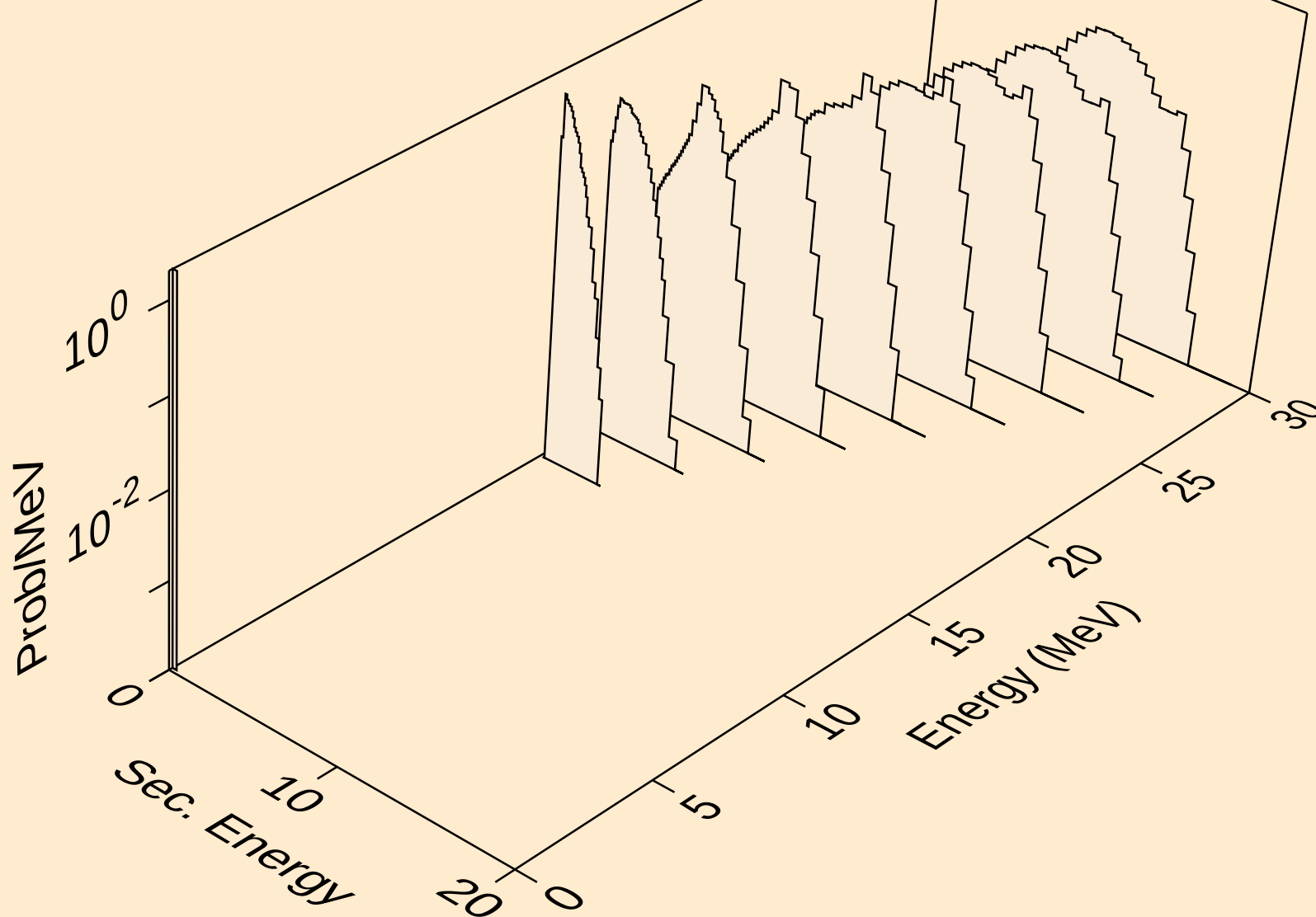


DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,d)

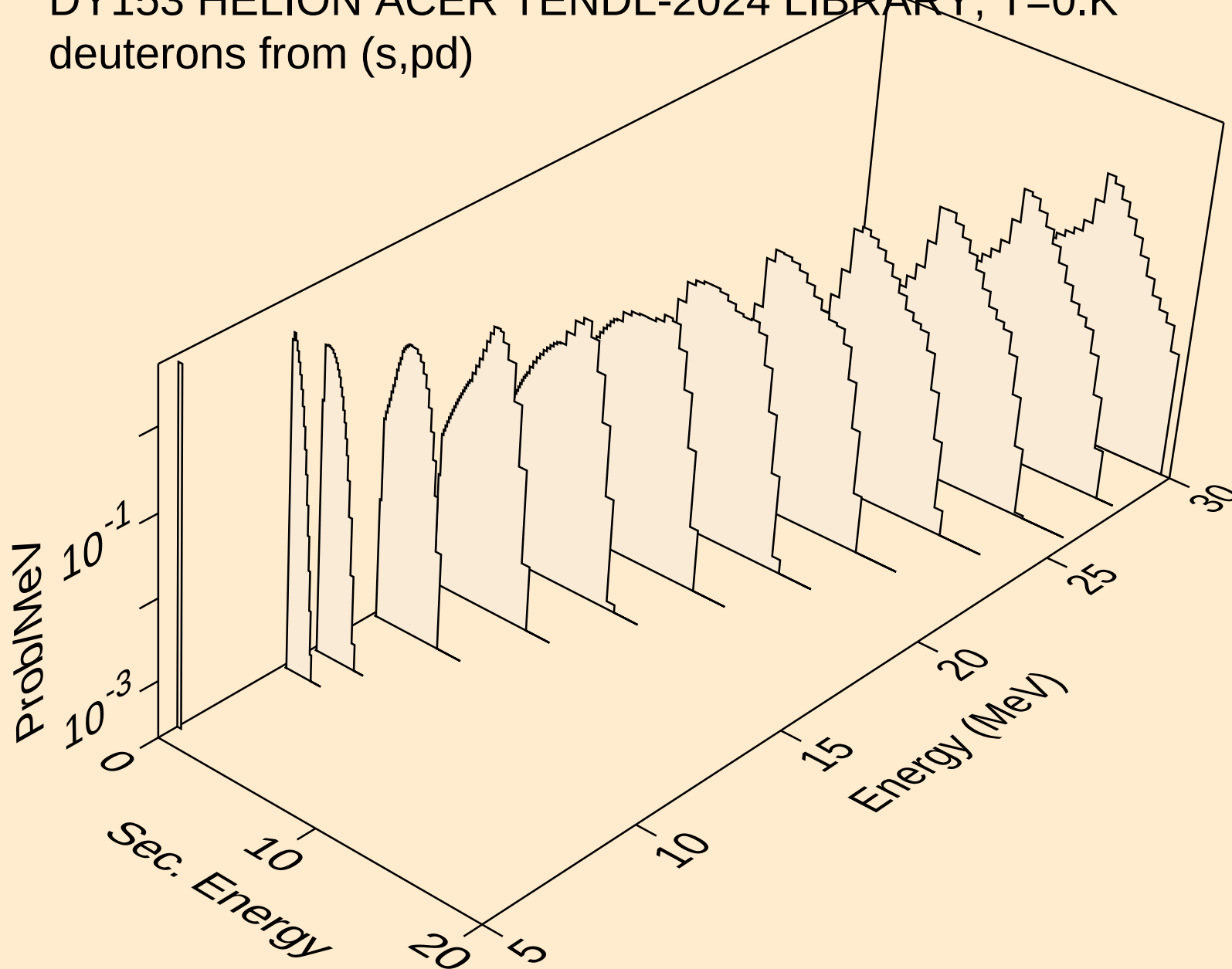




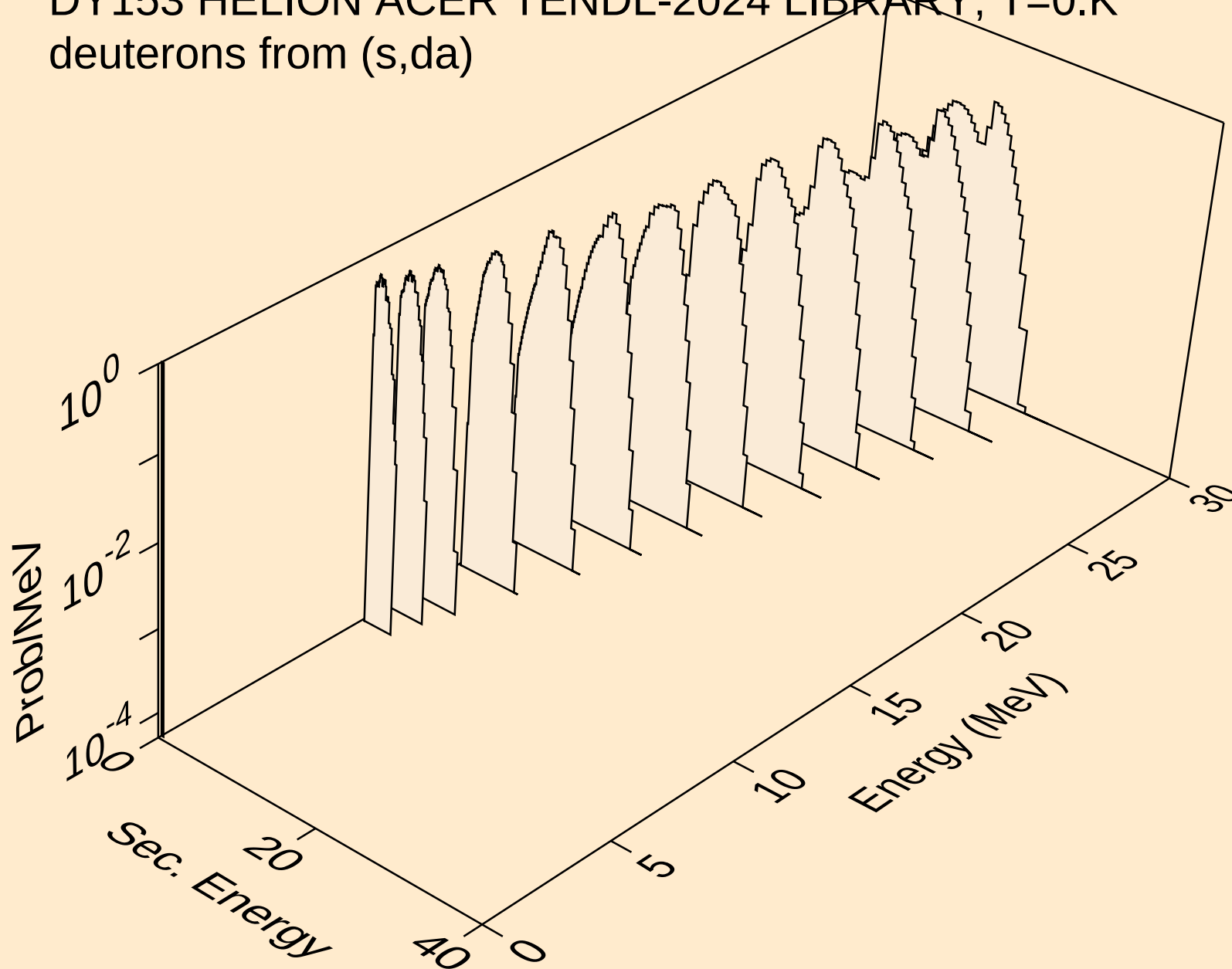
DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,d2a)



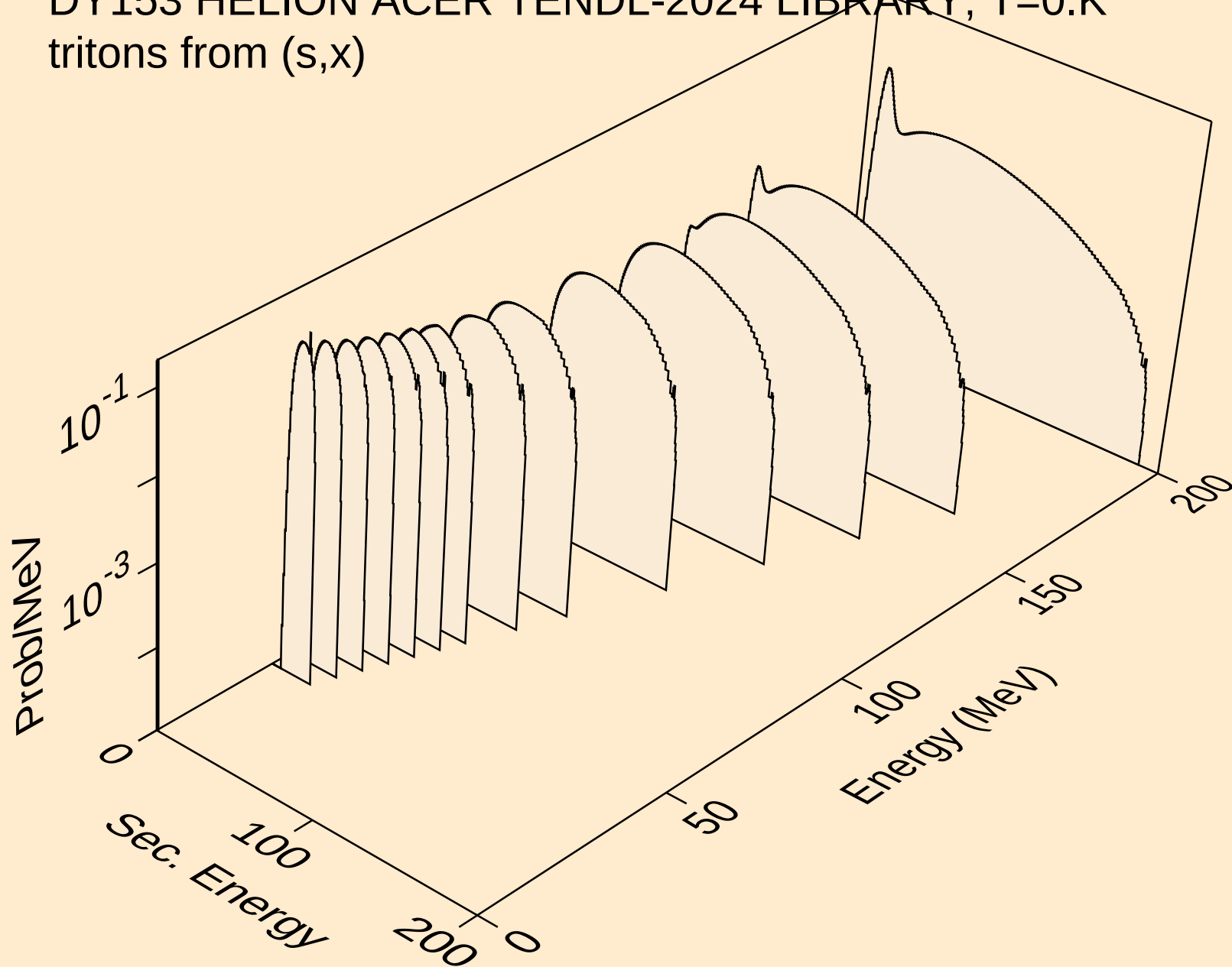
DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,pd)



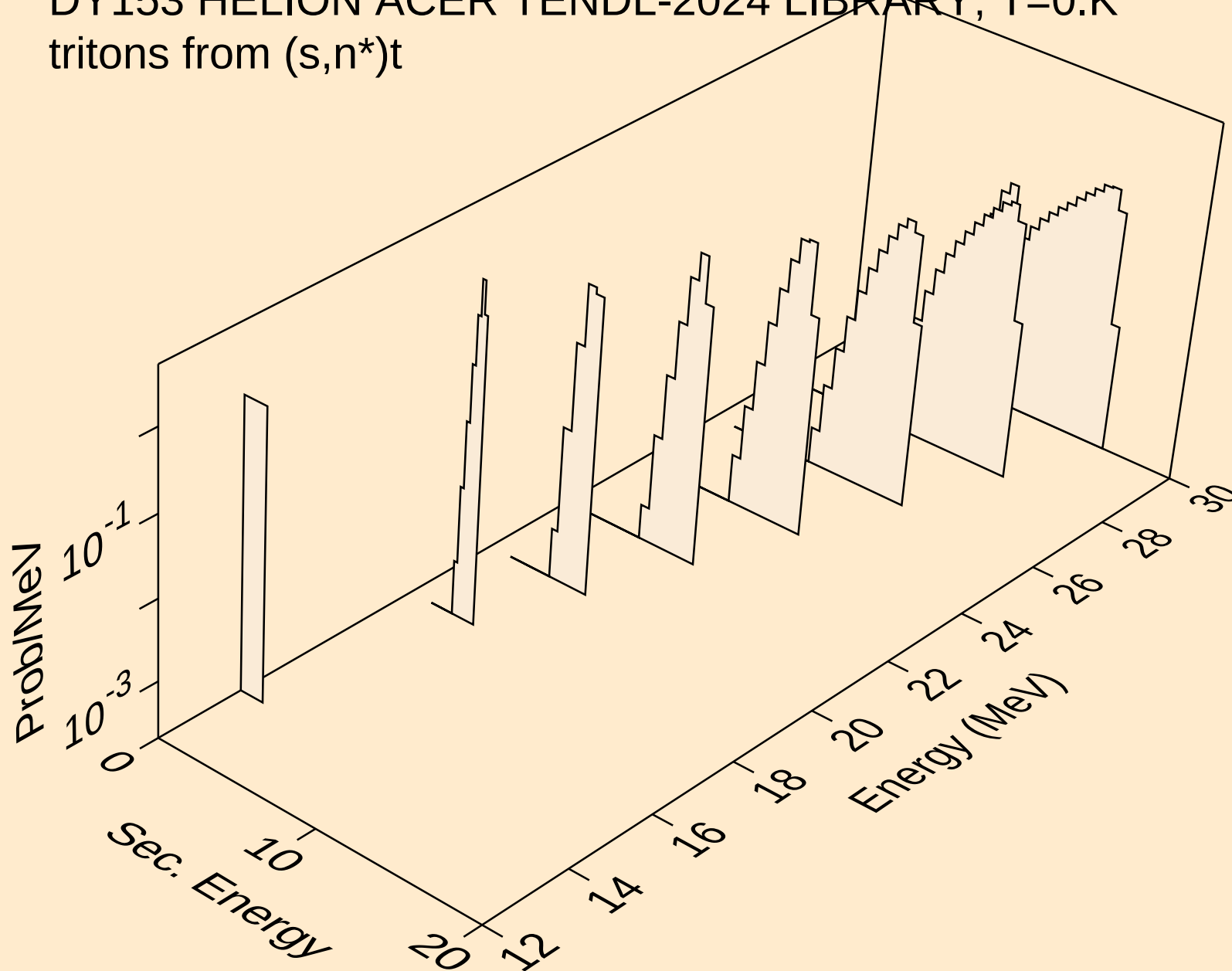
DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,da)



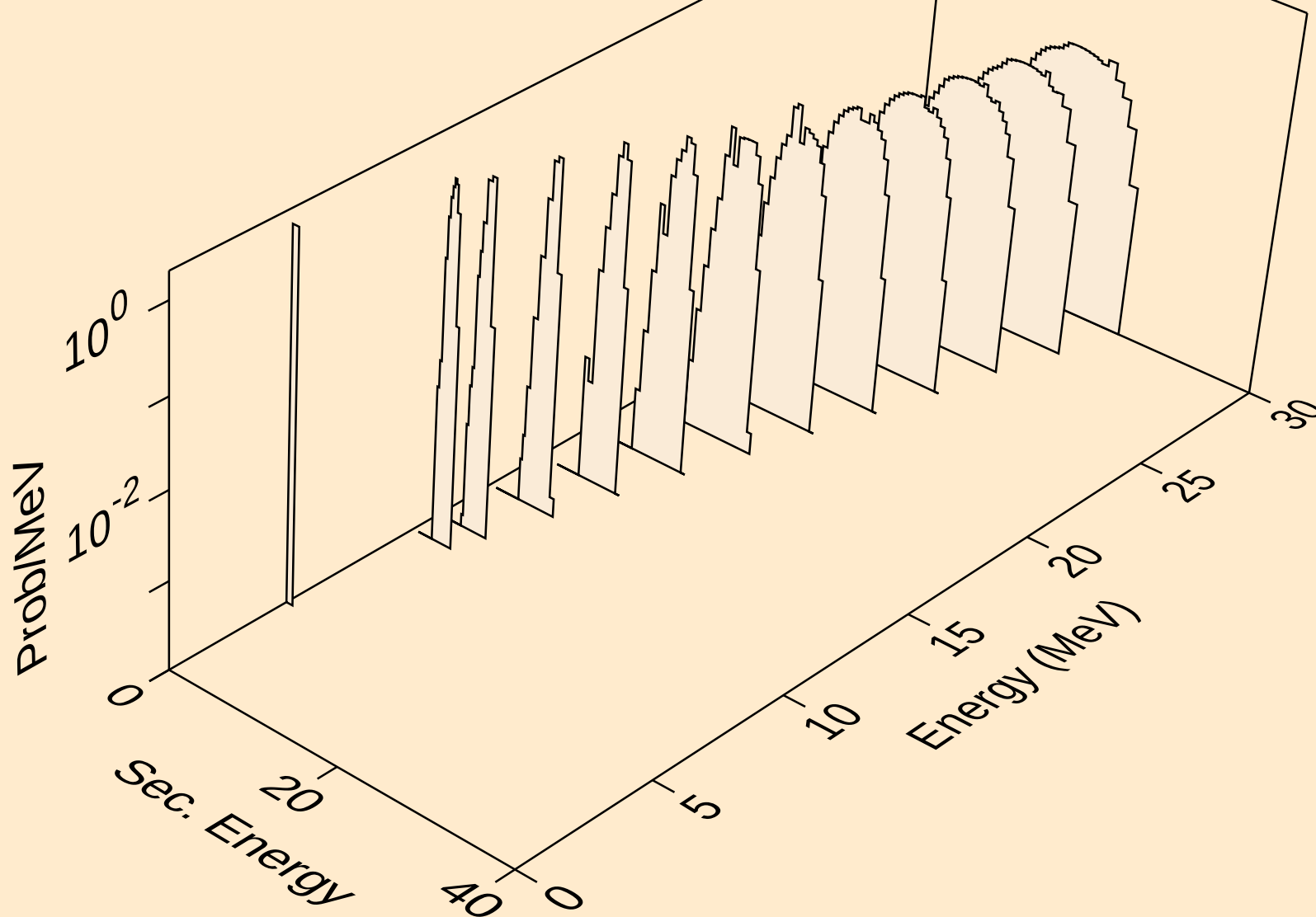
DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (s,x)



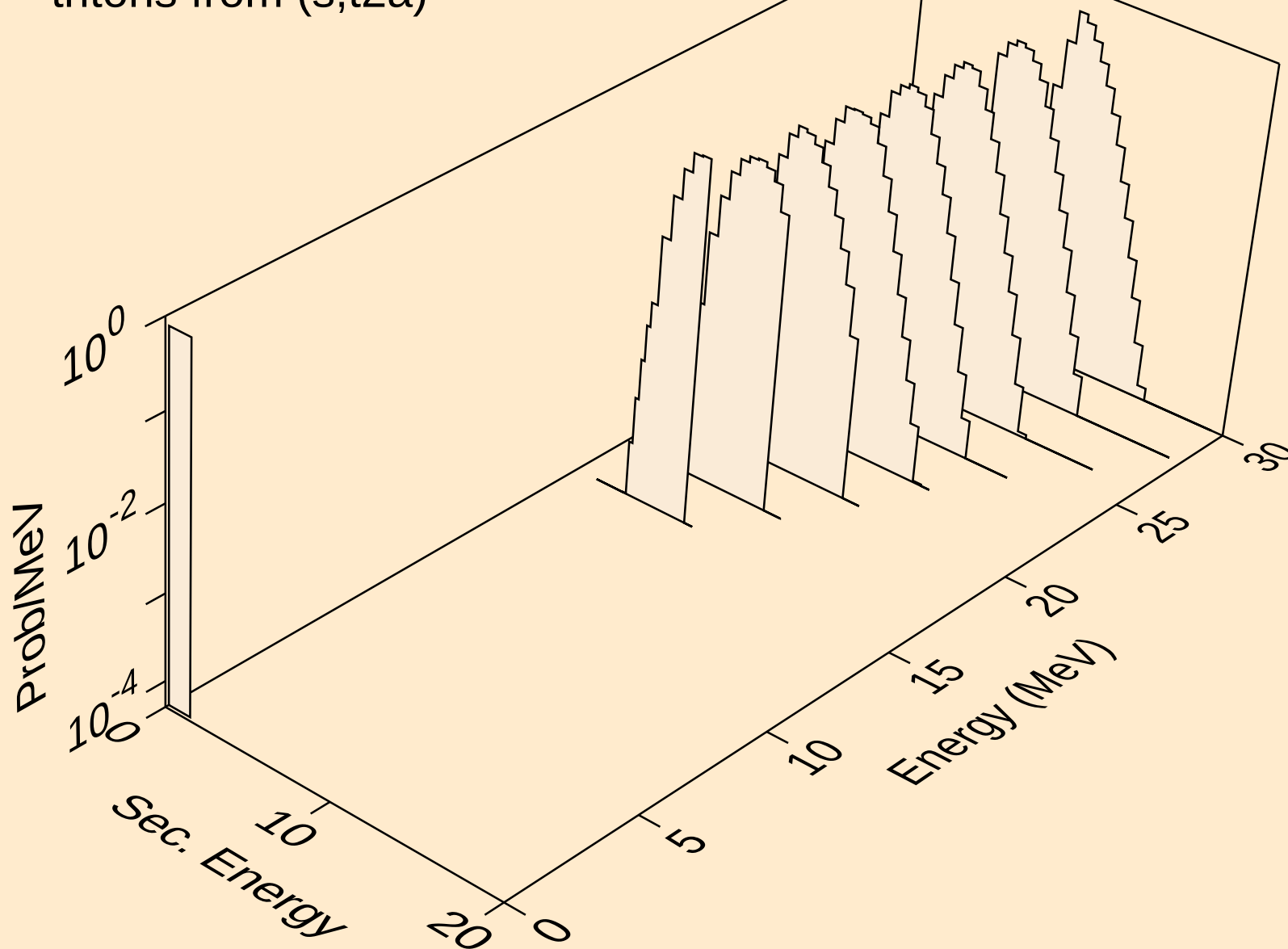
DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (s,n\*)t



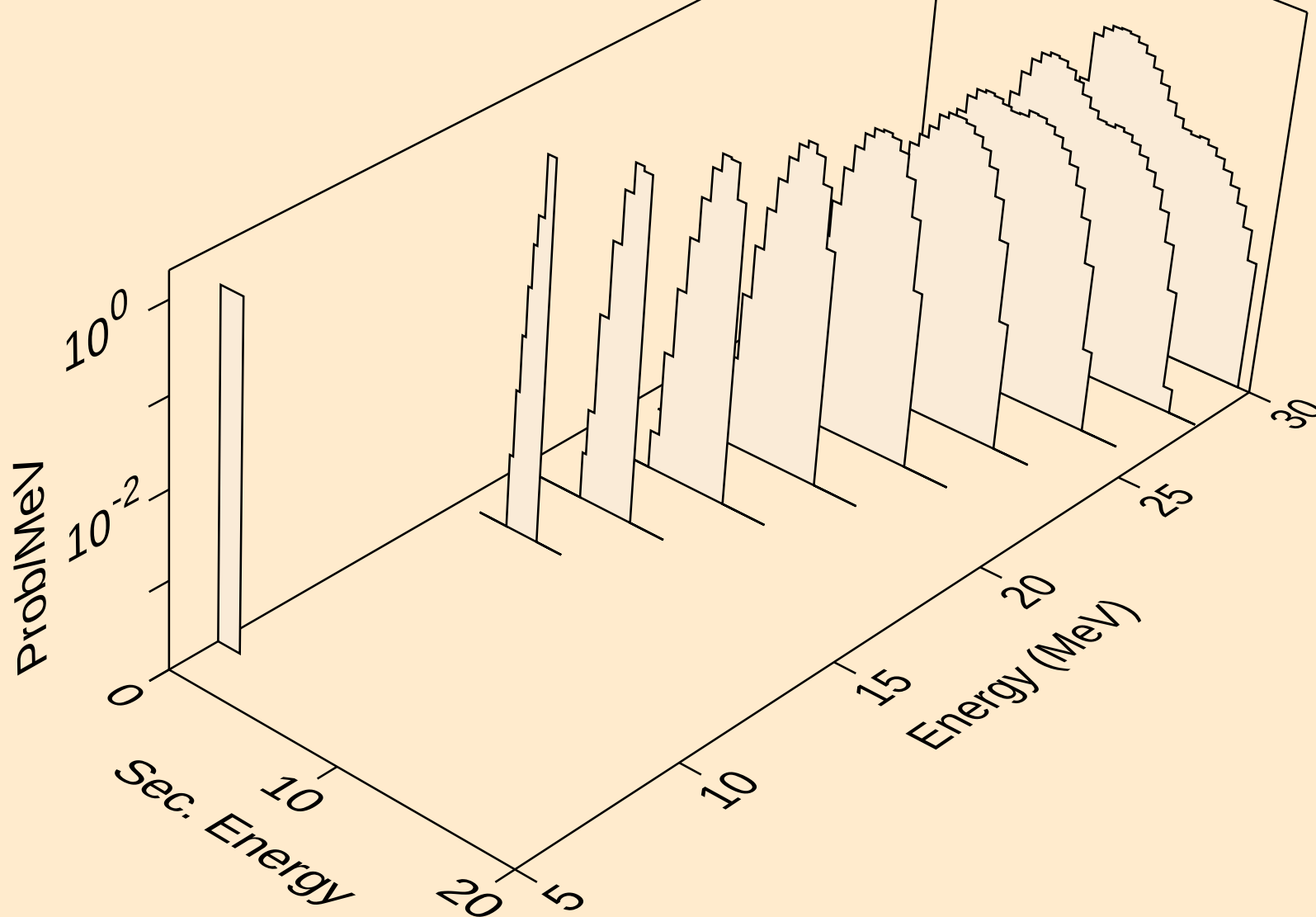
DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (s,t)



DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (s,t2a)

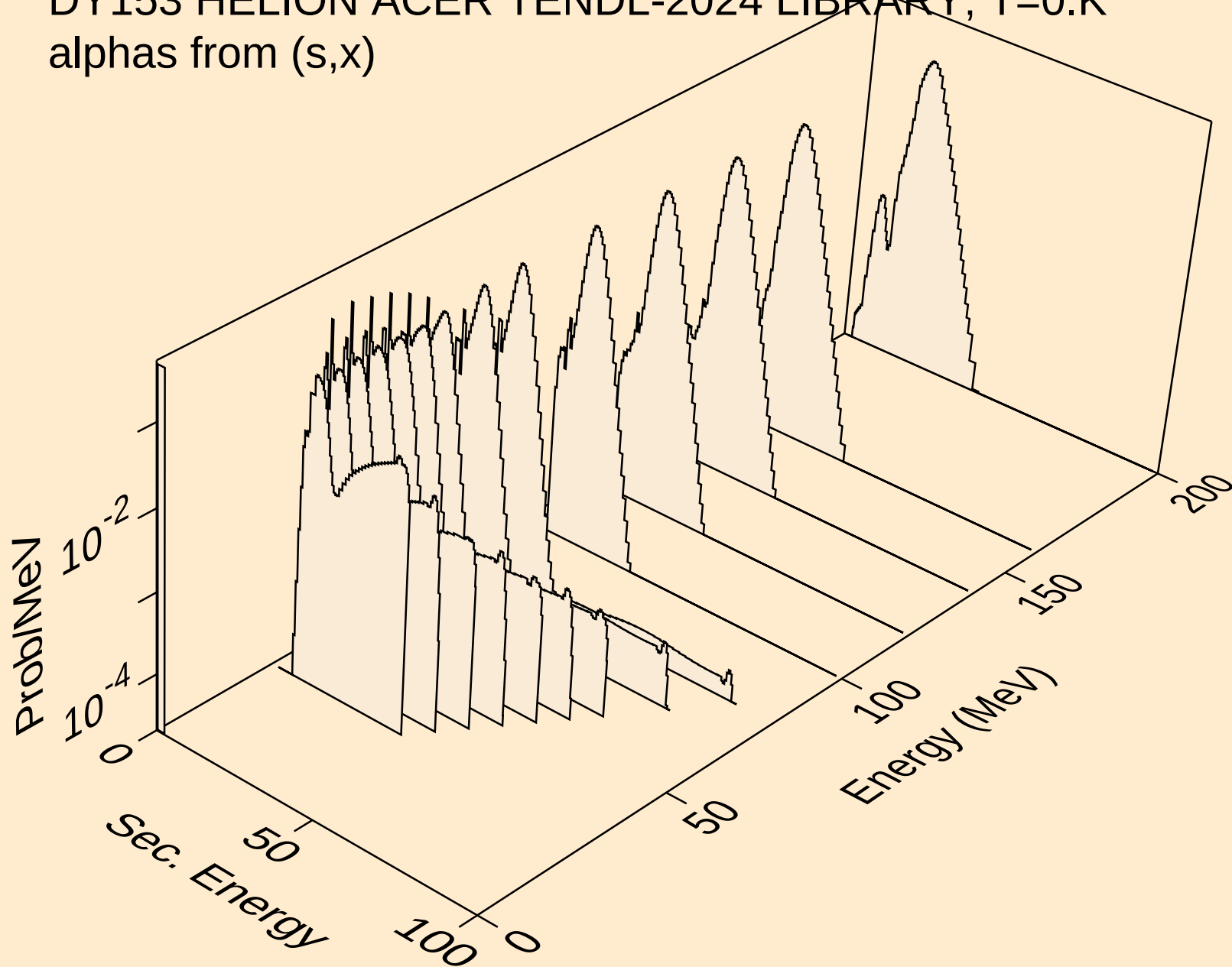


DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (s,pt)

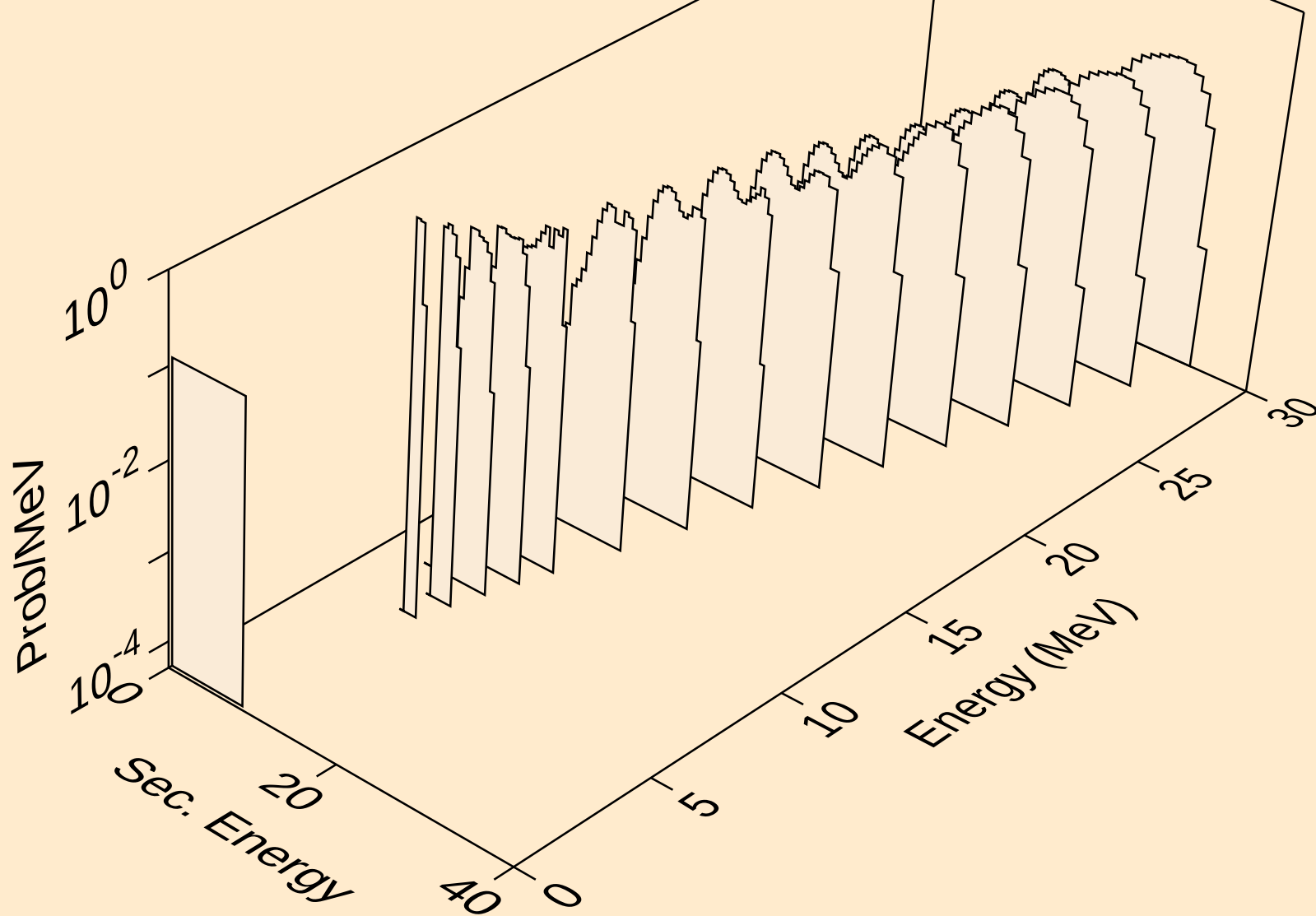




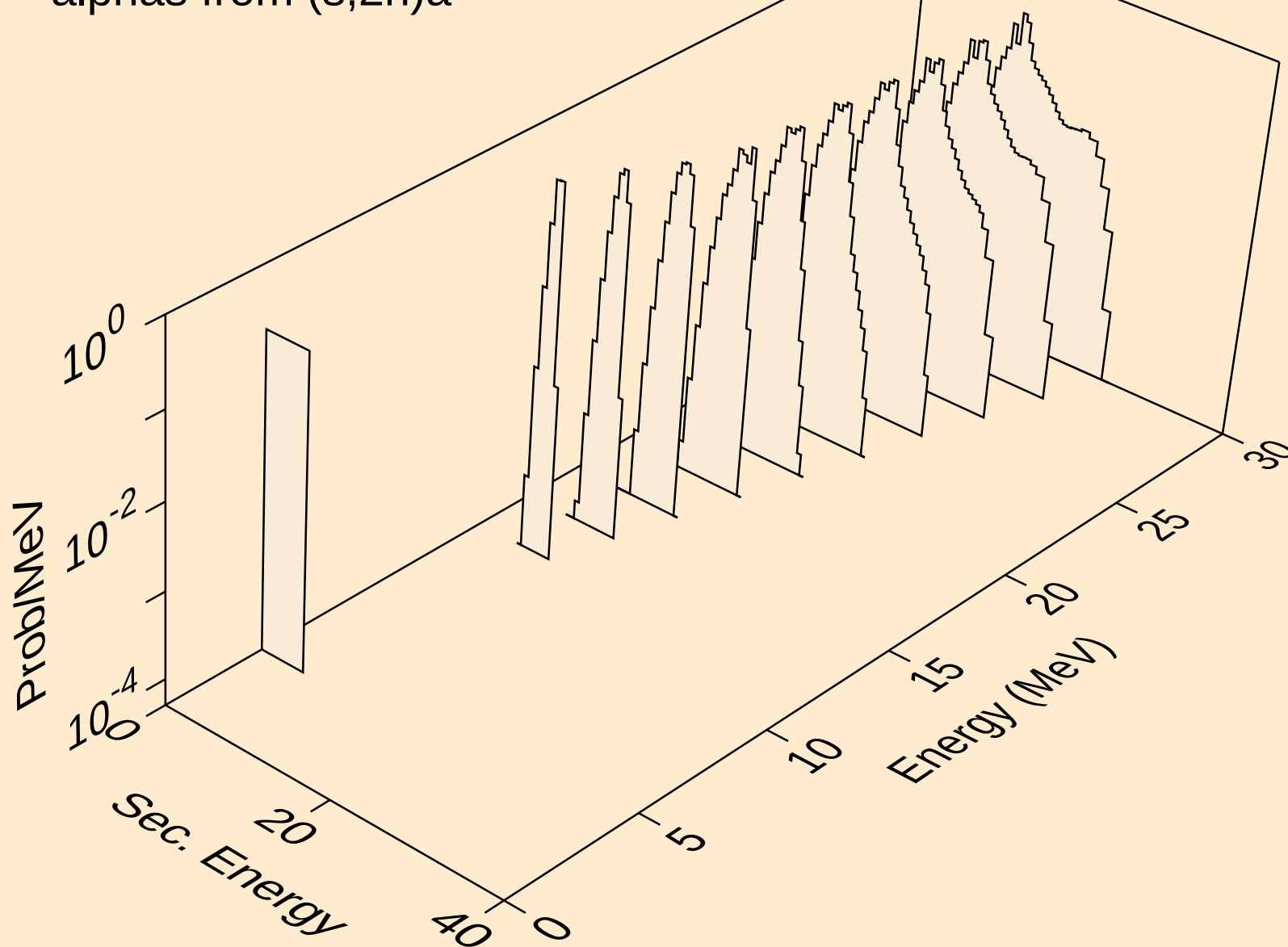
DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,x)



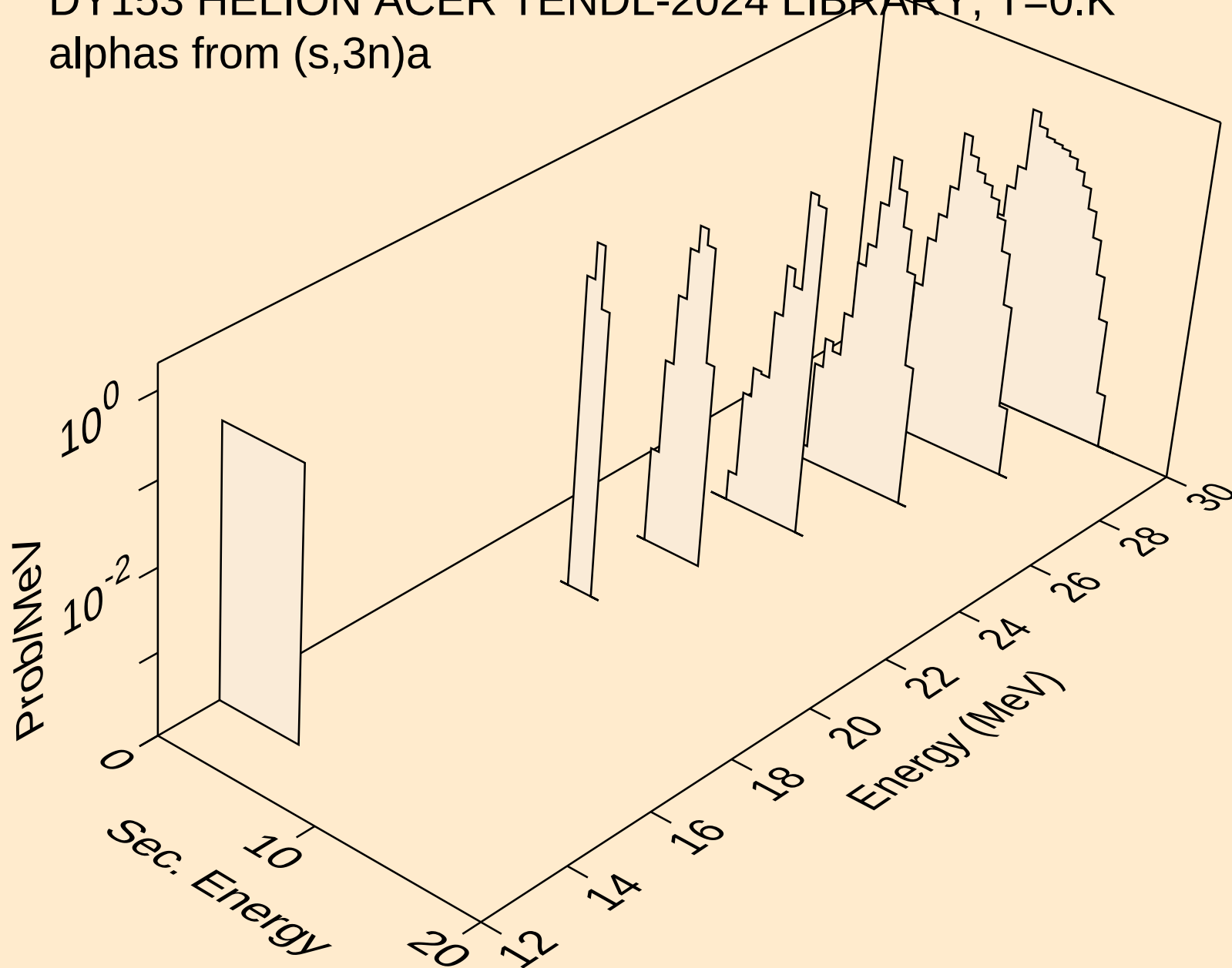
DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,n\*)a



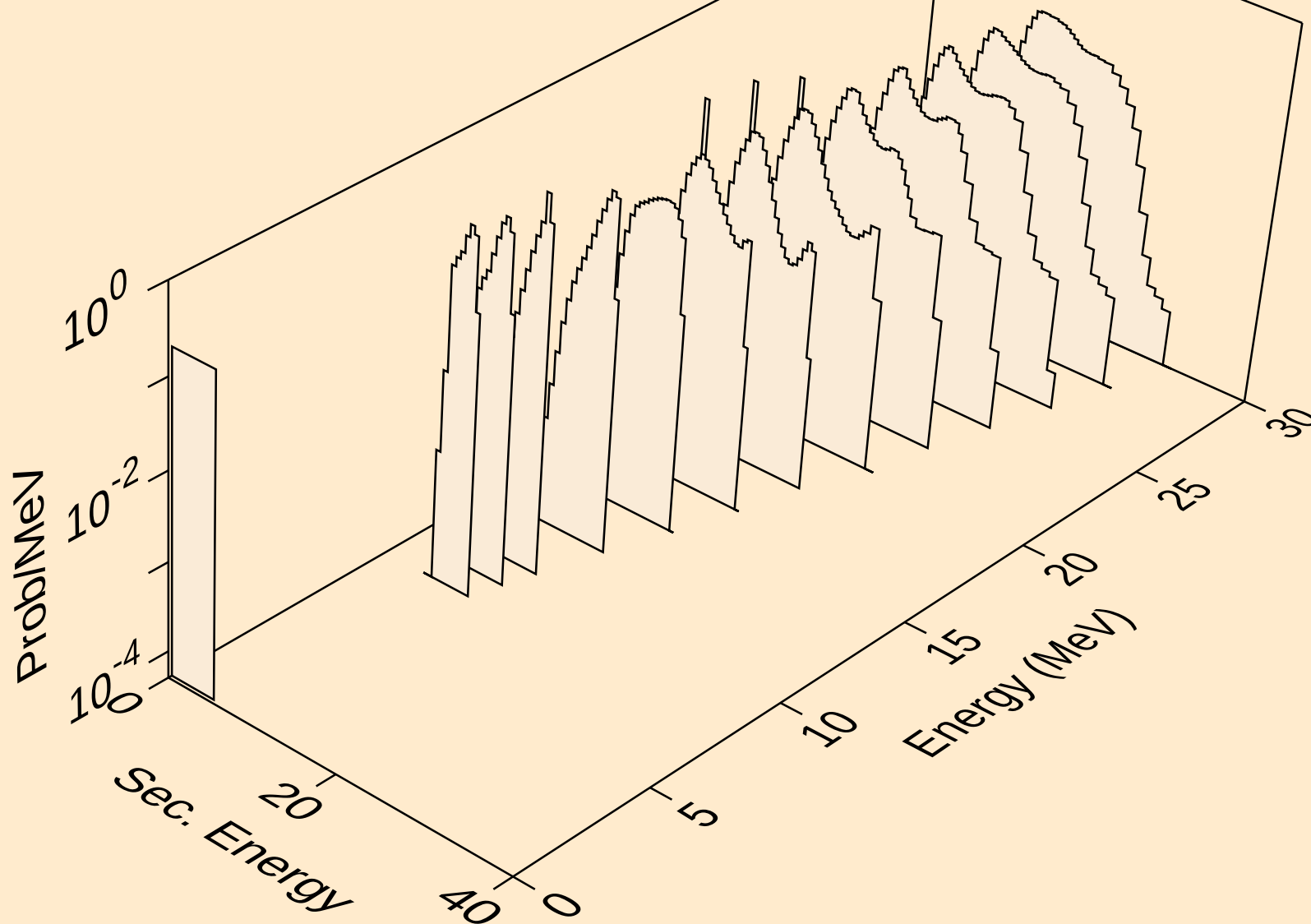
DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,2n)a



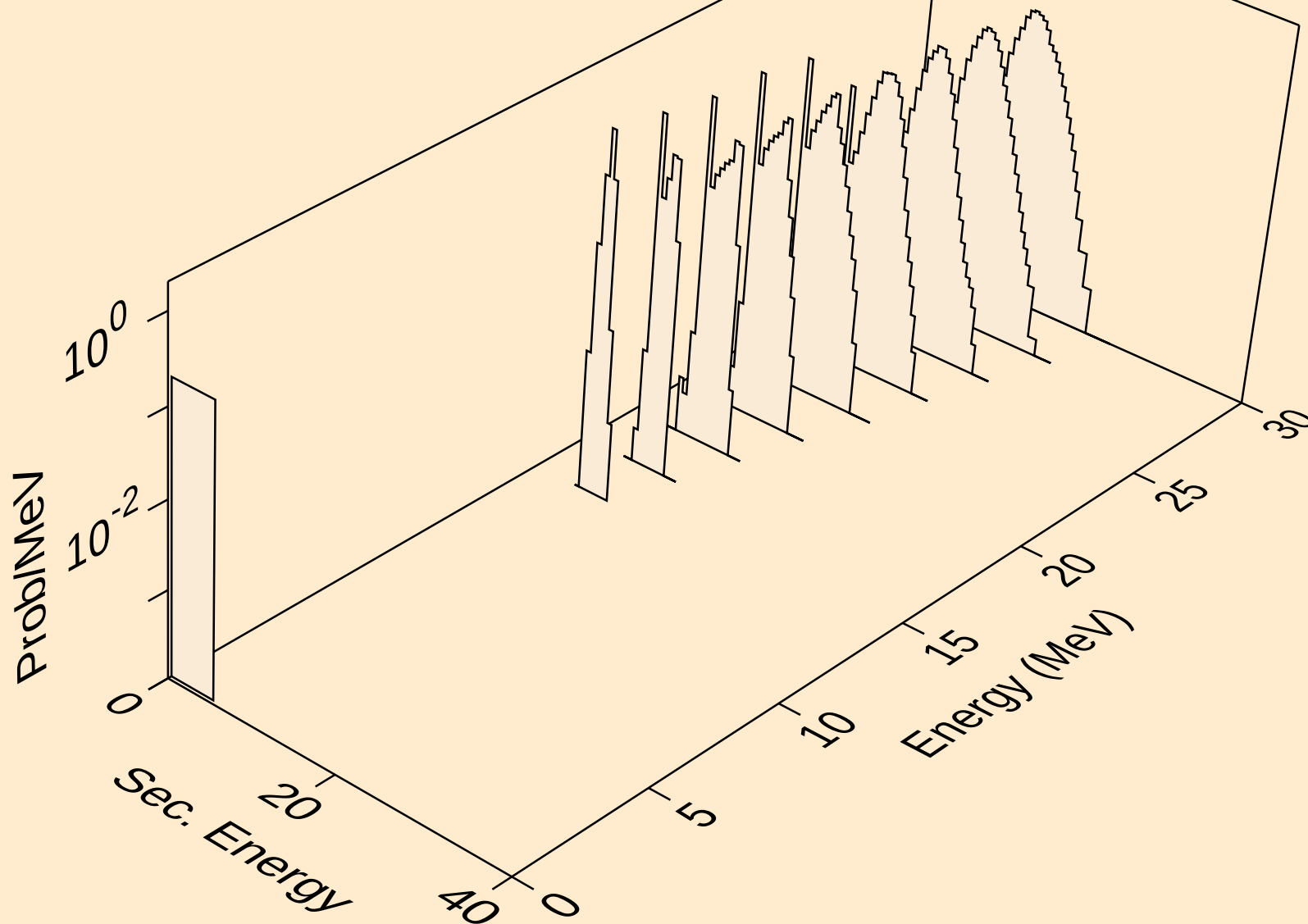
DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,3n)a



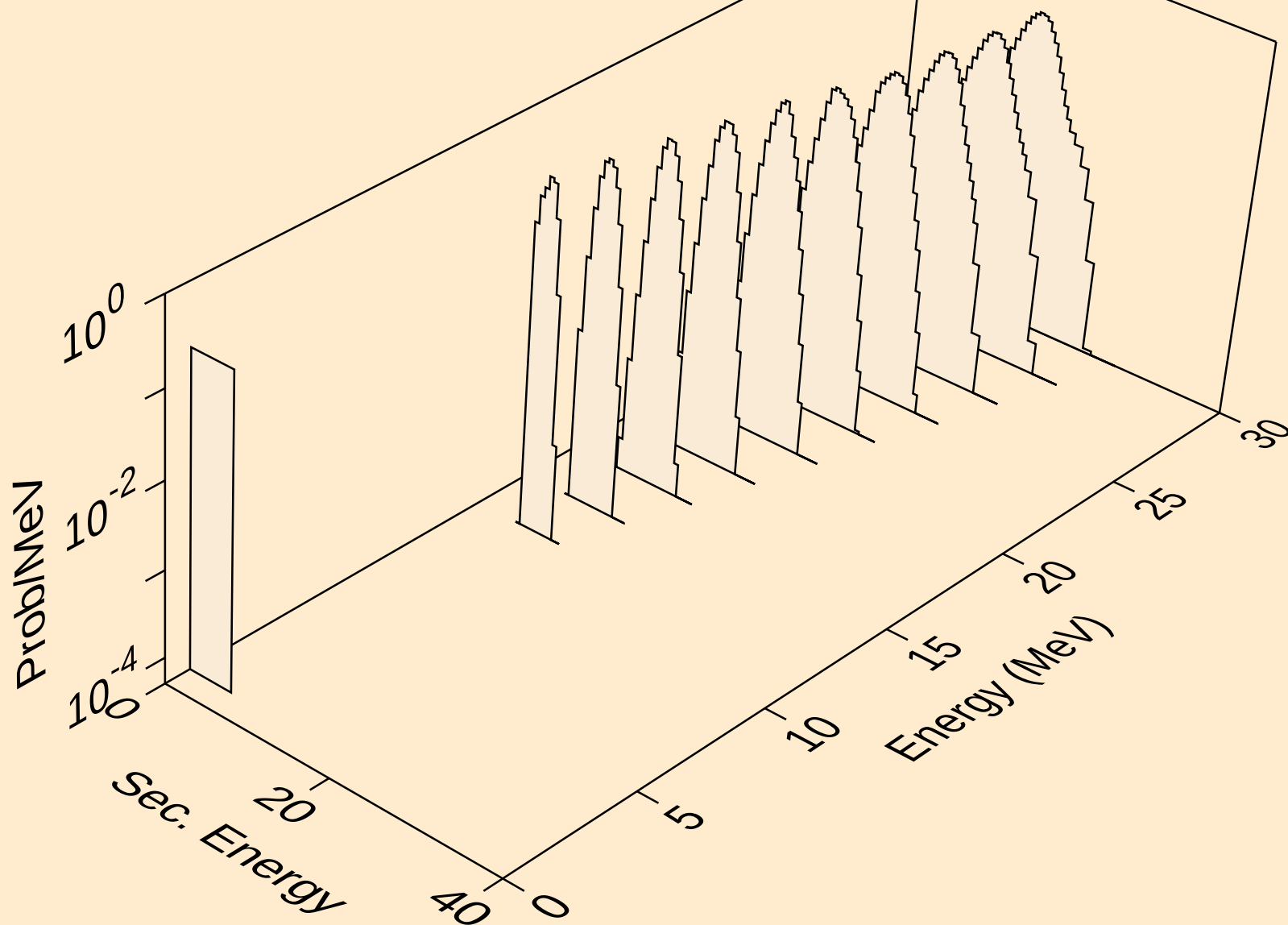
DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,n\*)2a



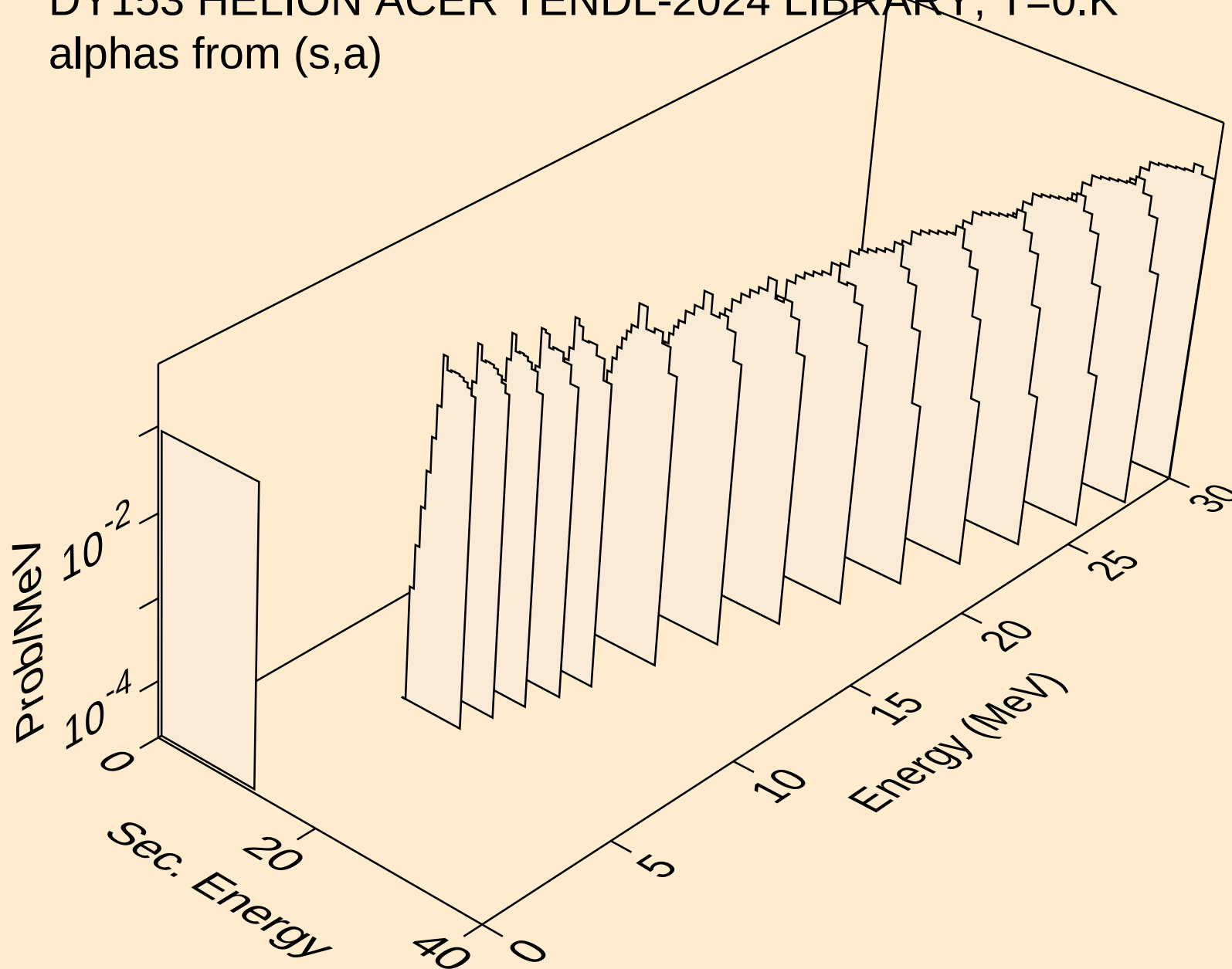
DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,2n)2a



DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,npa)

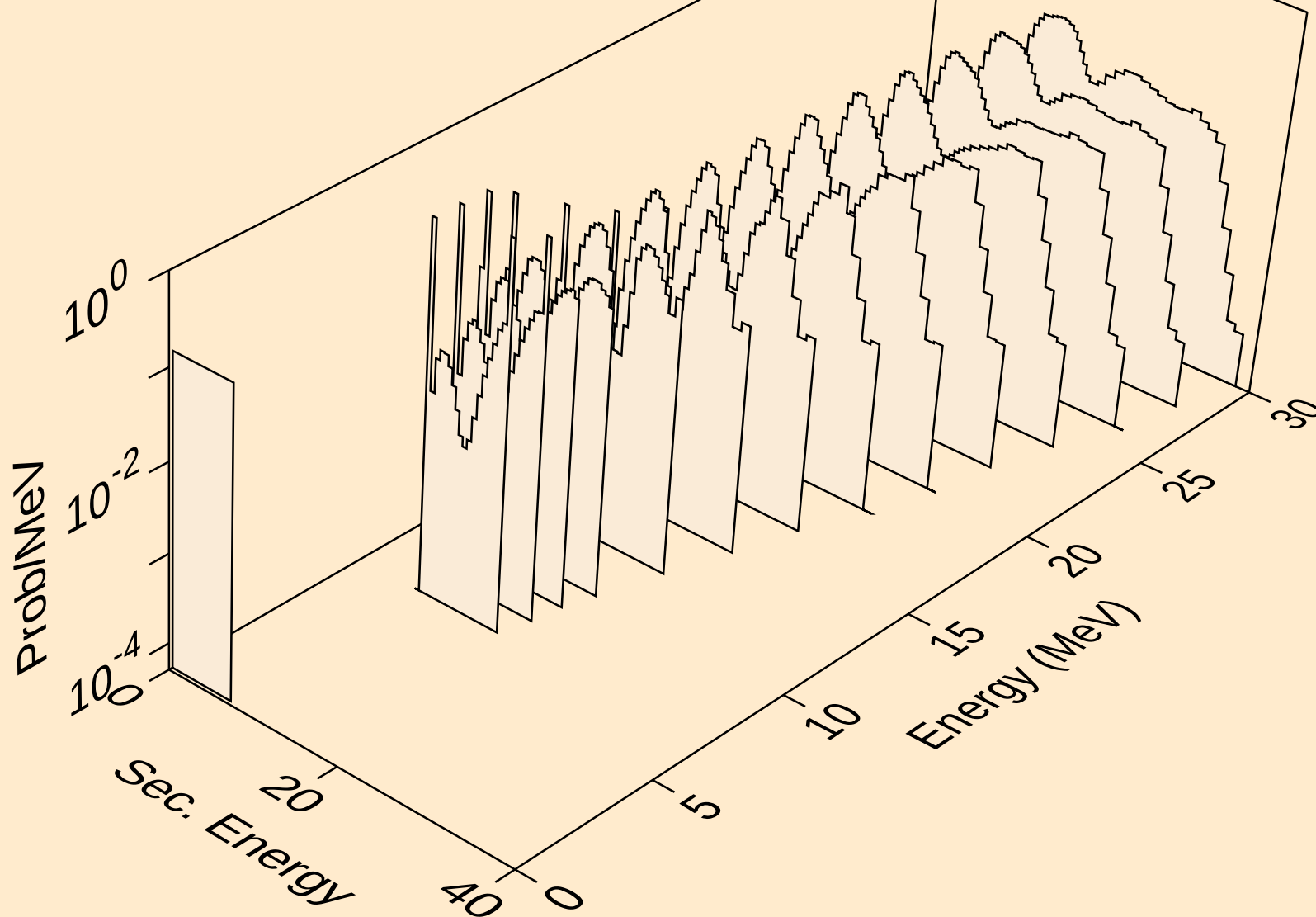


DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,a)

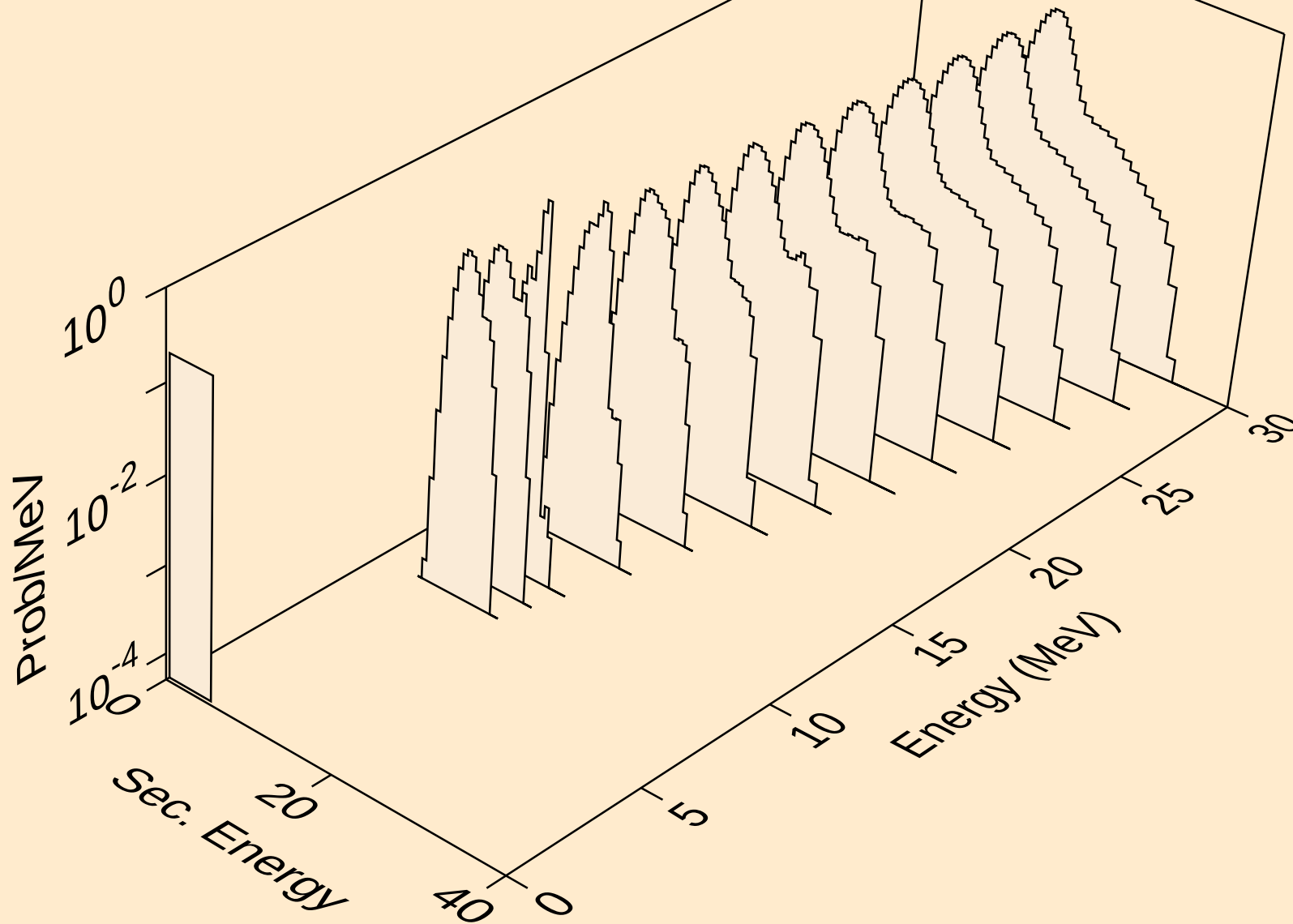




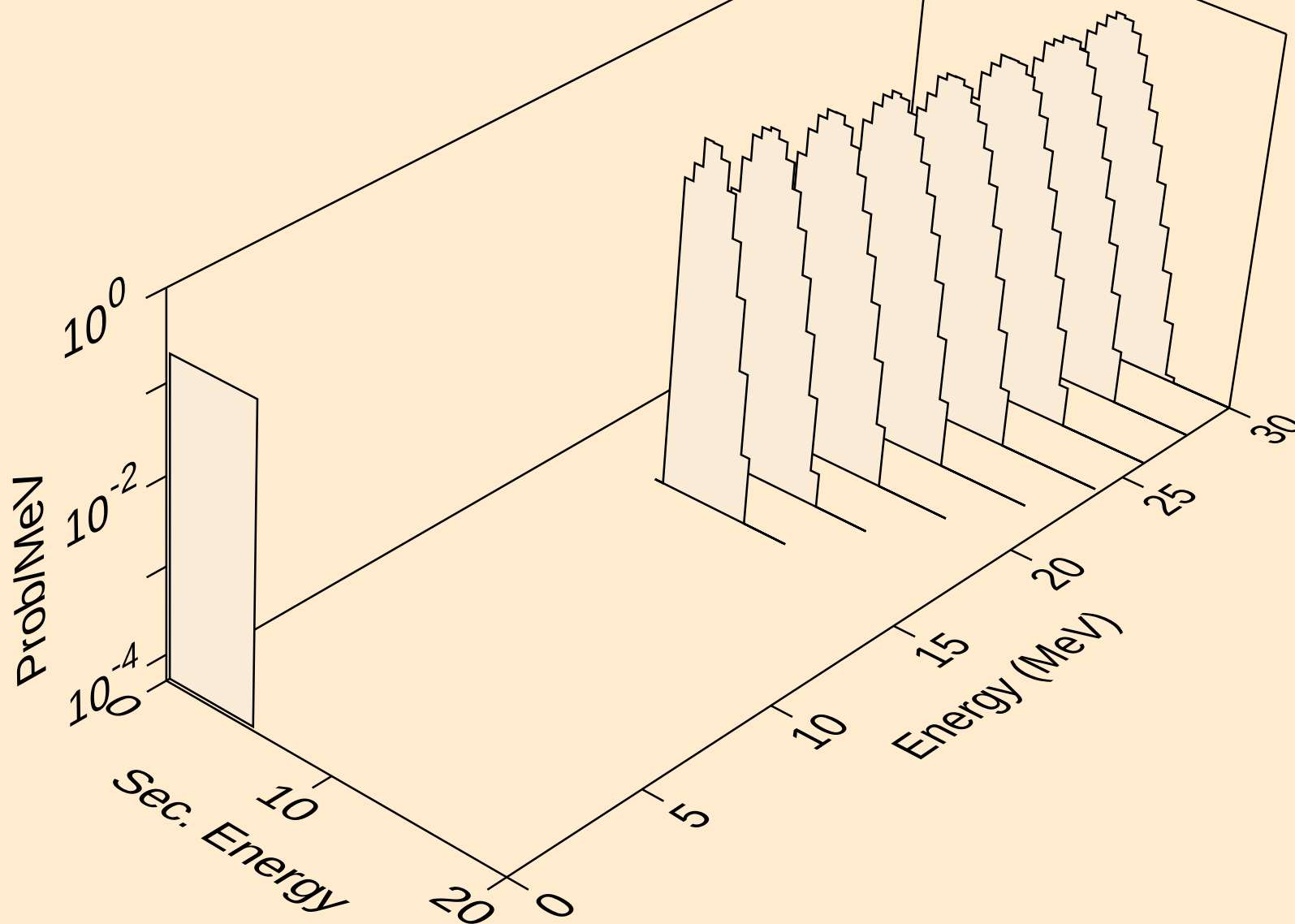
DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,2a)



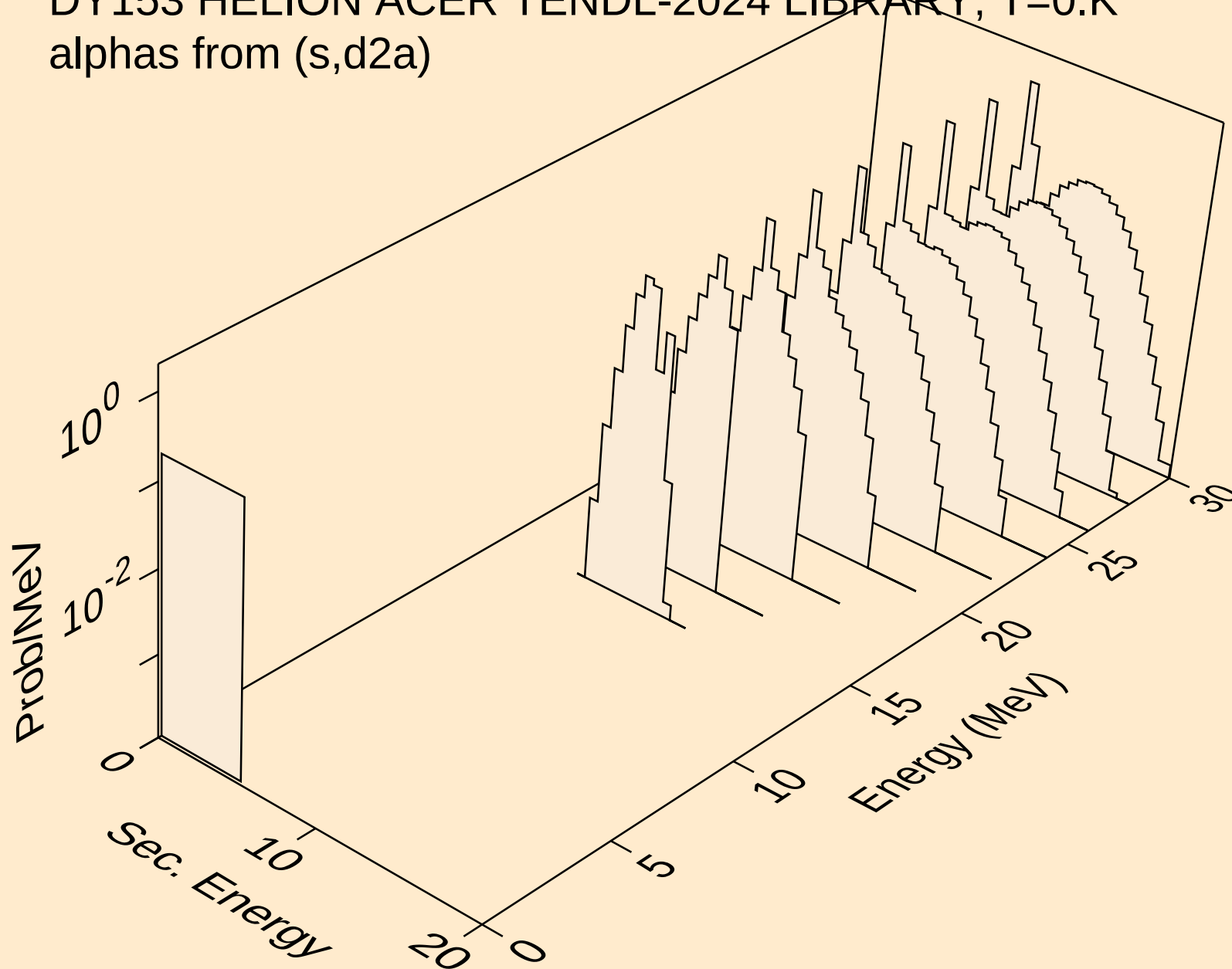
DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,pa)



DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,t2a)



DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,d2a)



DY153 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,da)

