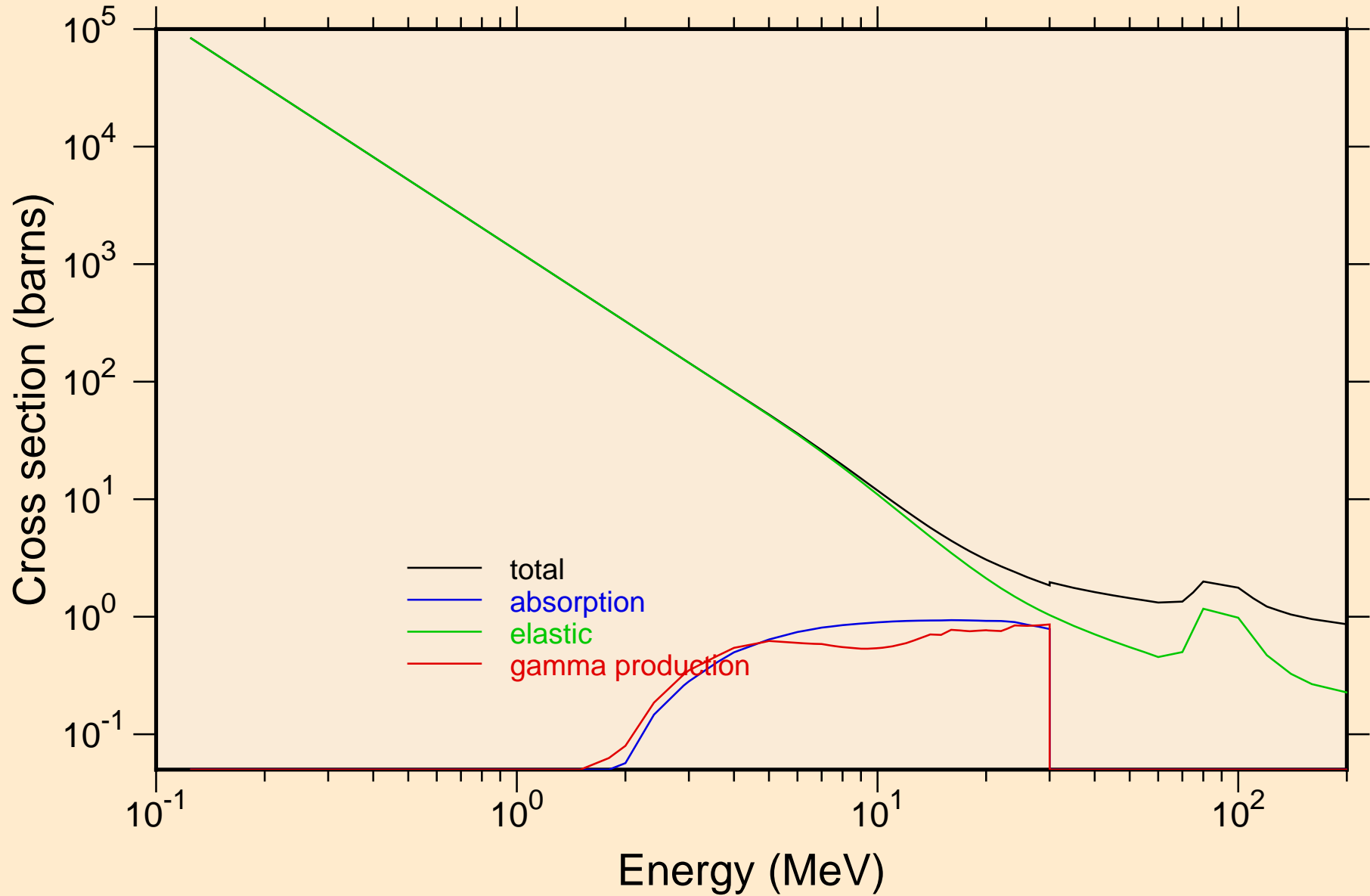
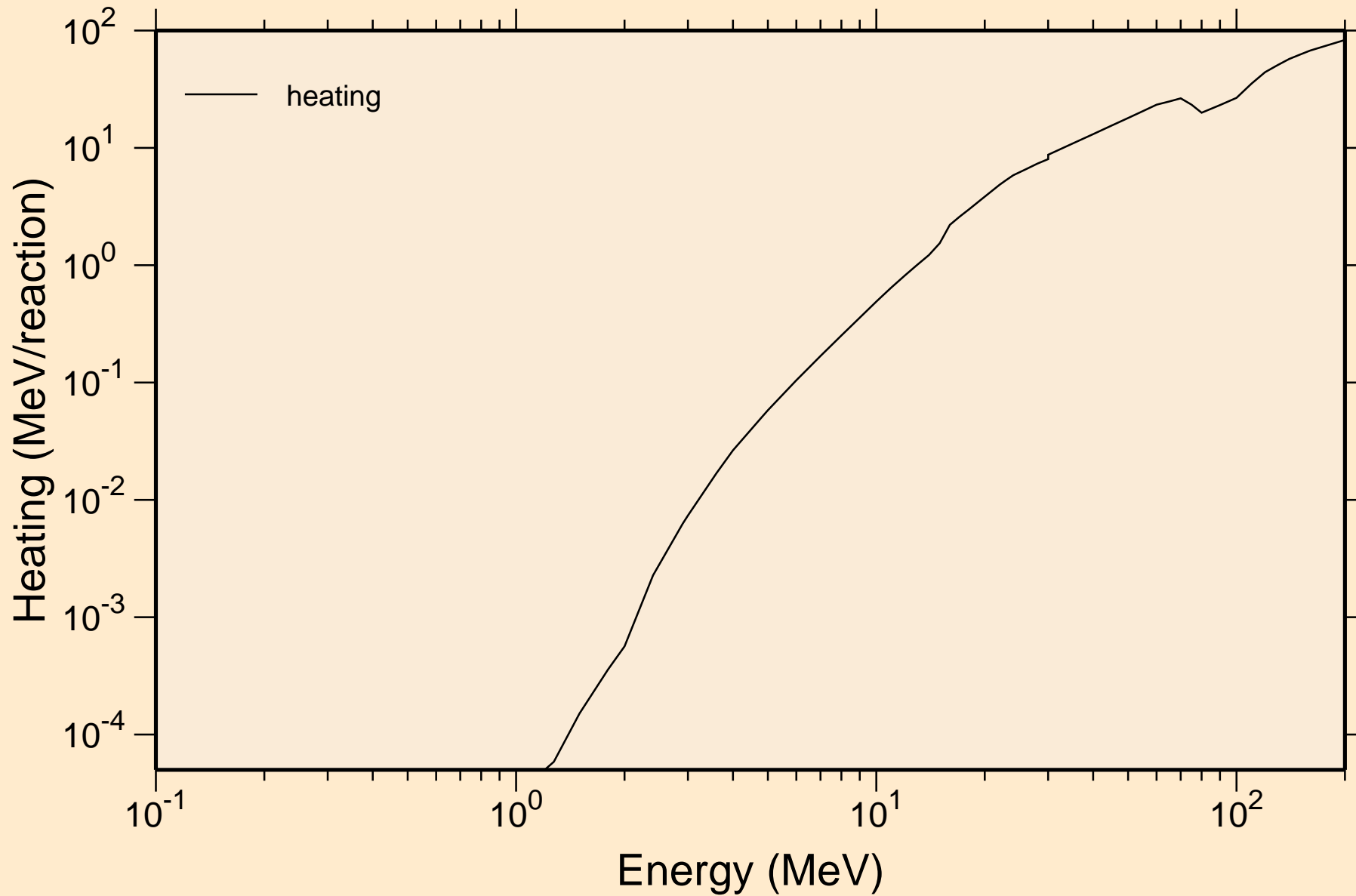


C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Principal cross sections



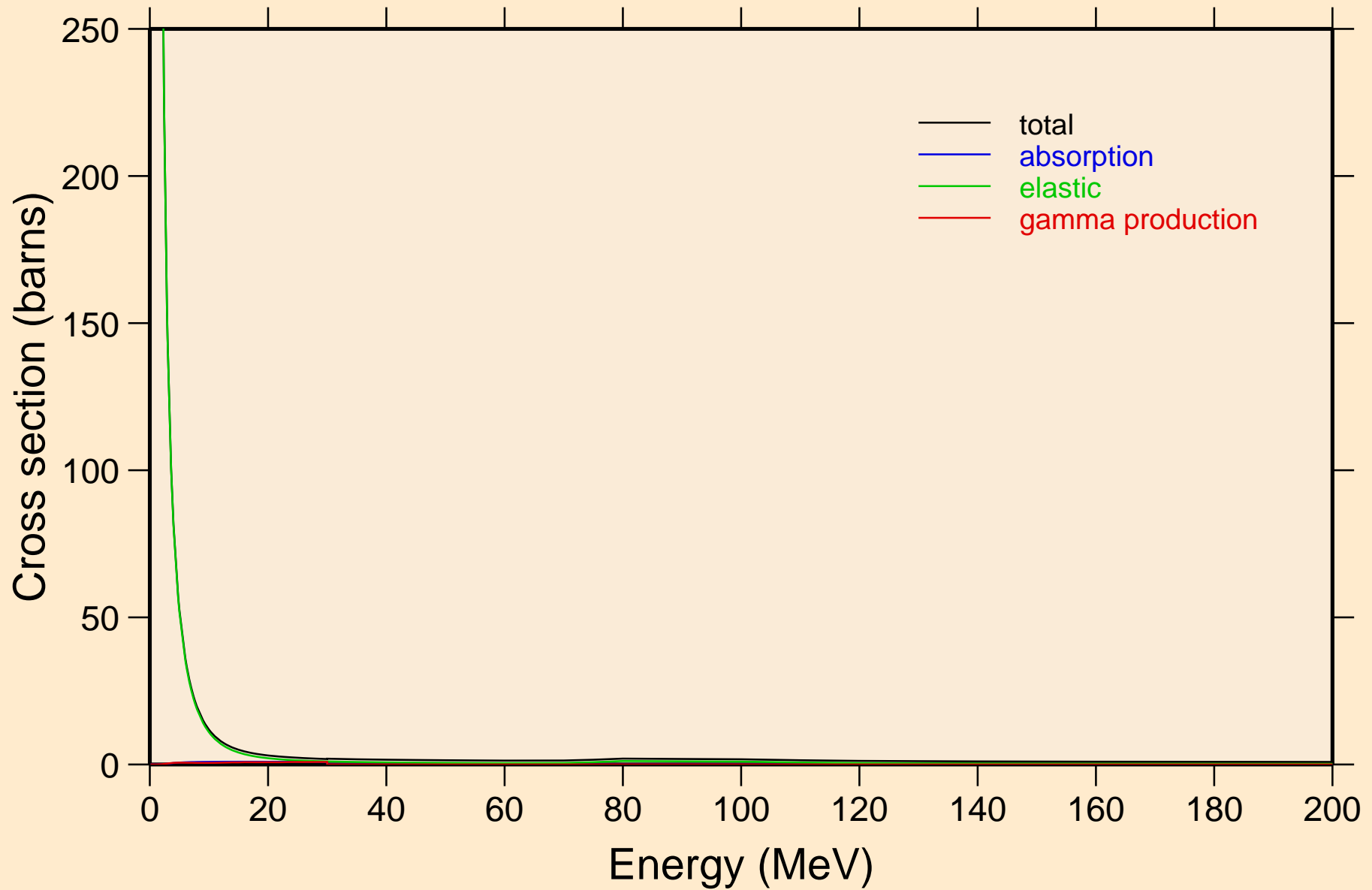
# C014 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Heating



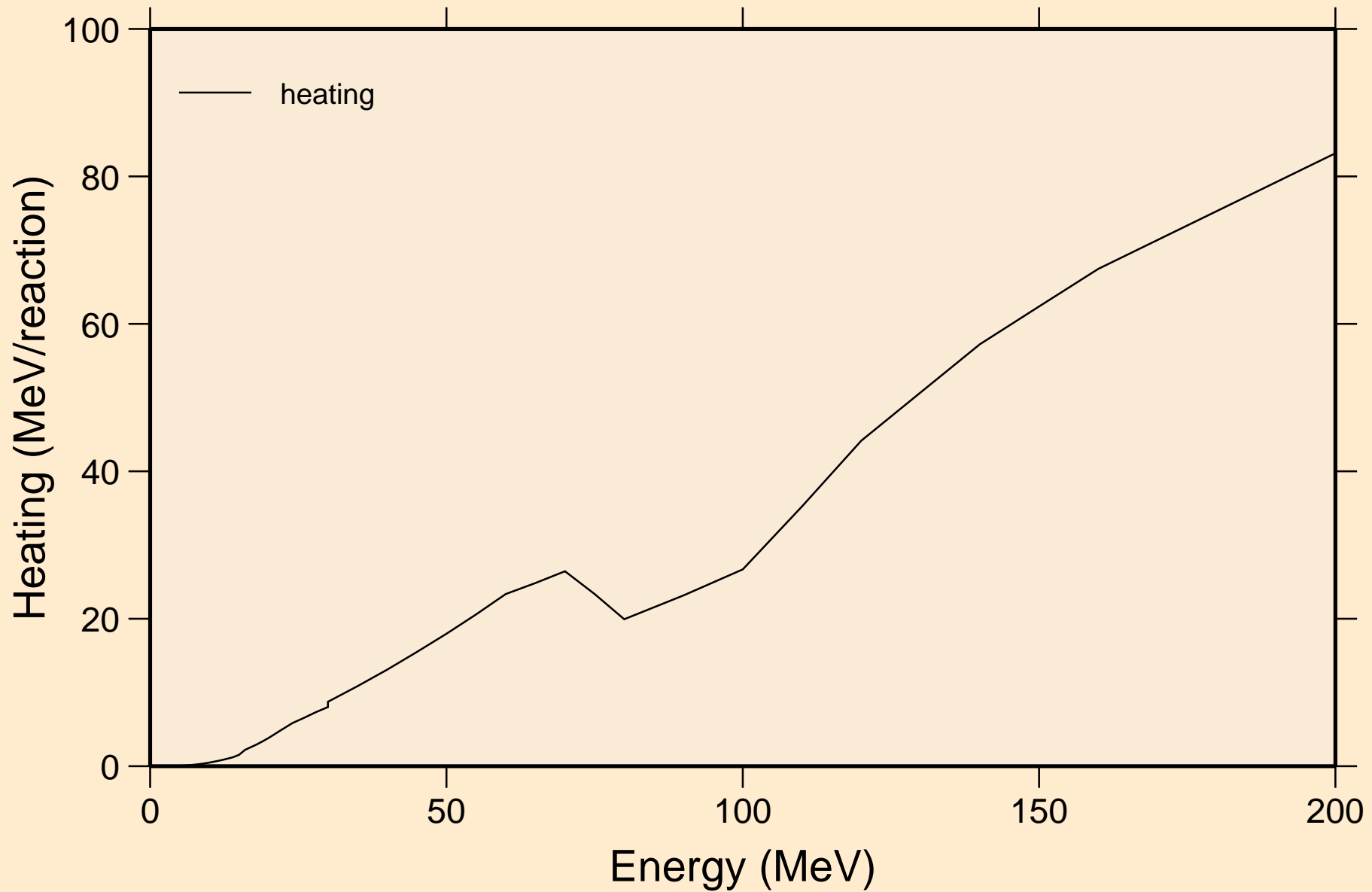
# C014 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



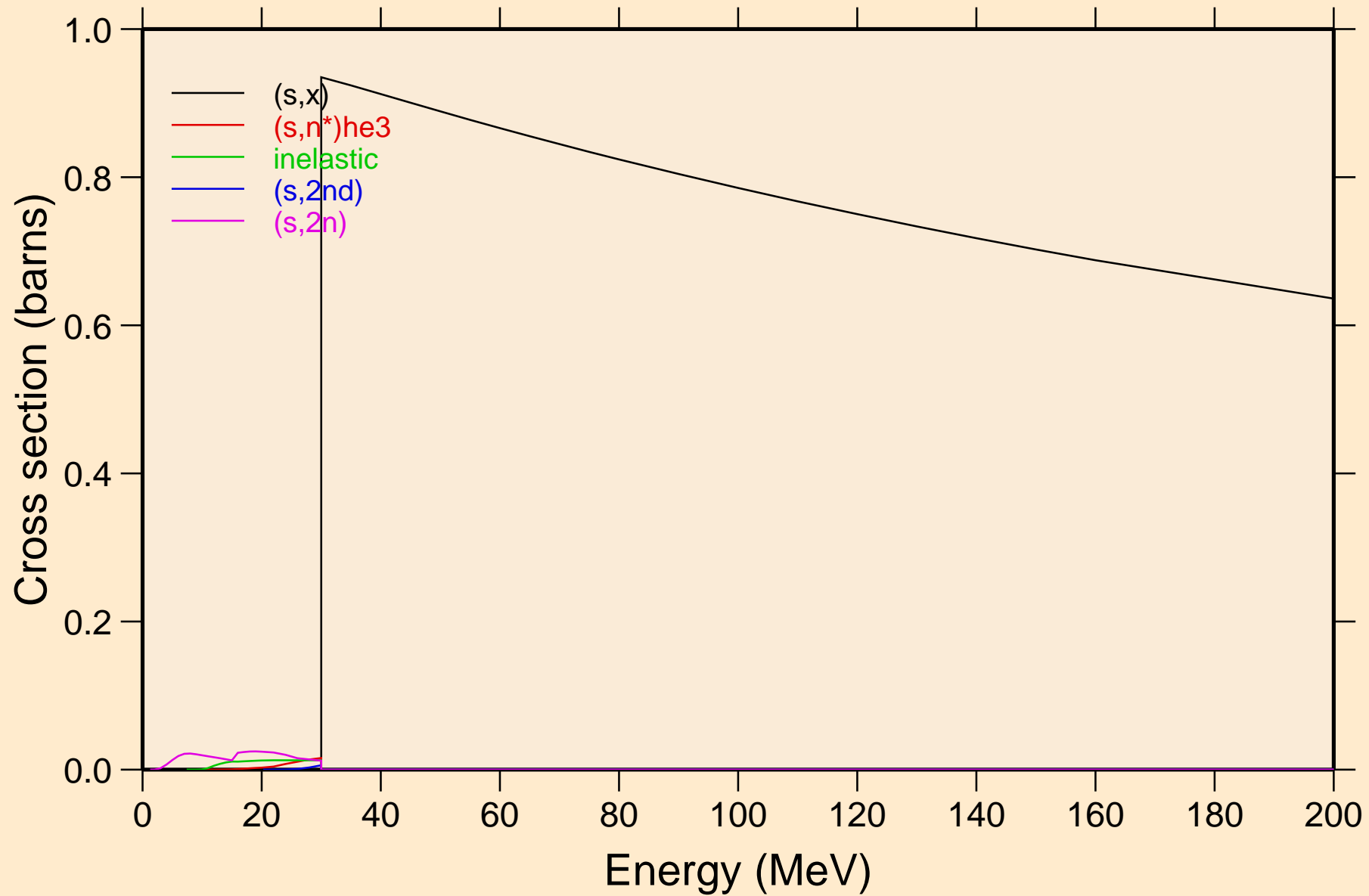
# C014 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Heating



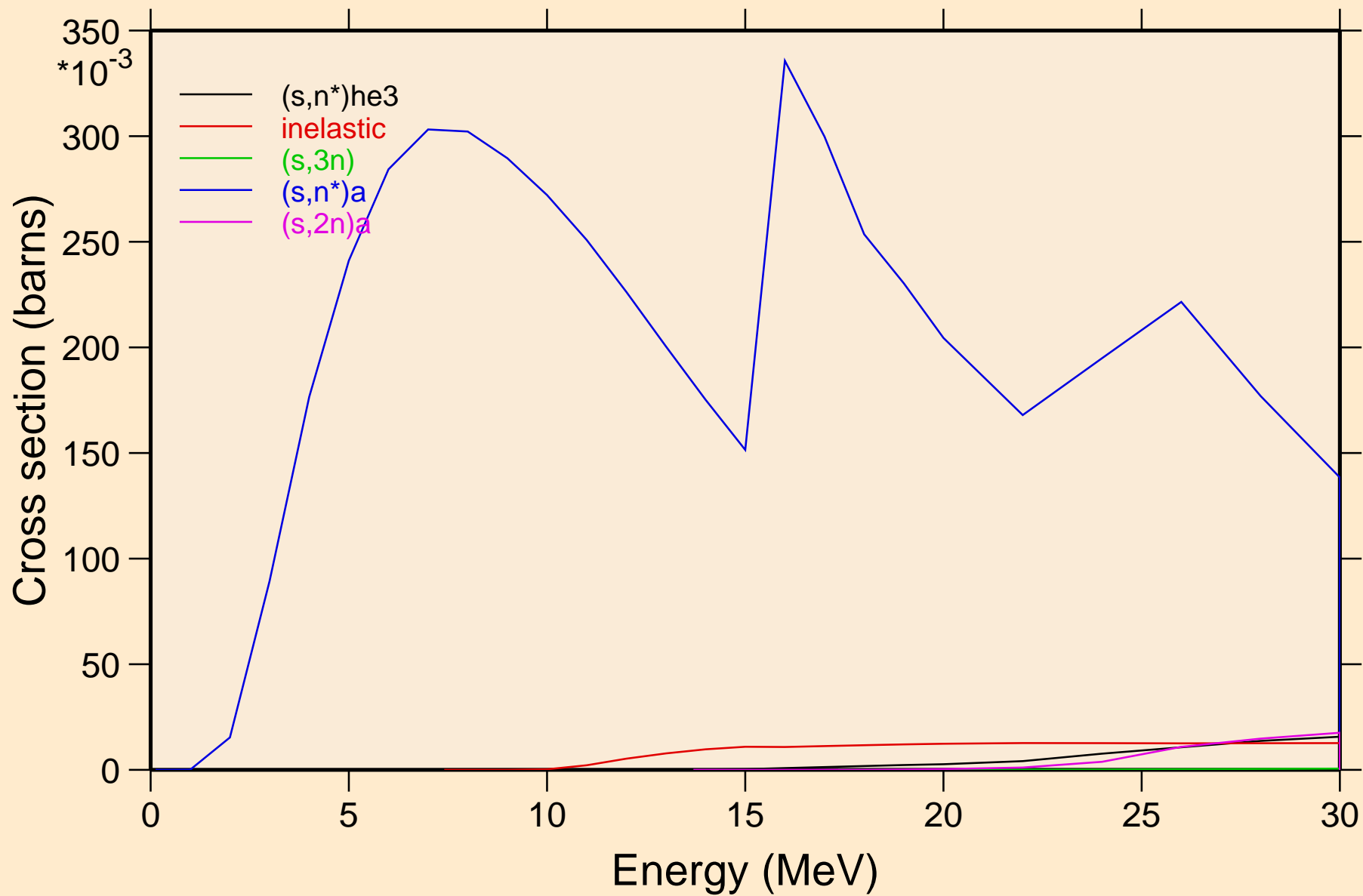
# C014 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

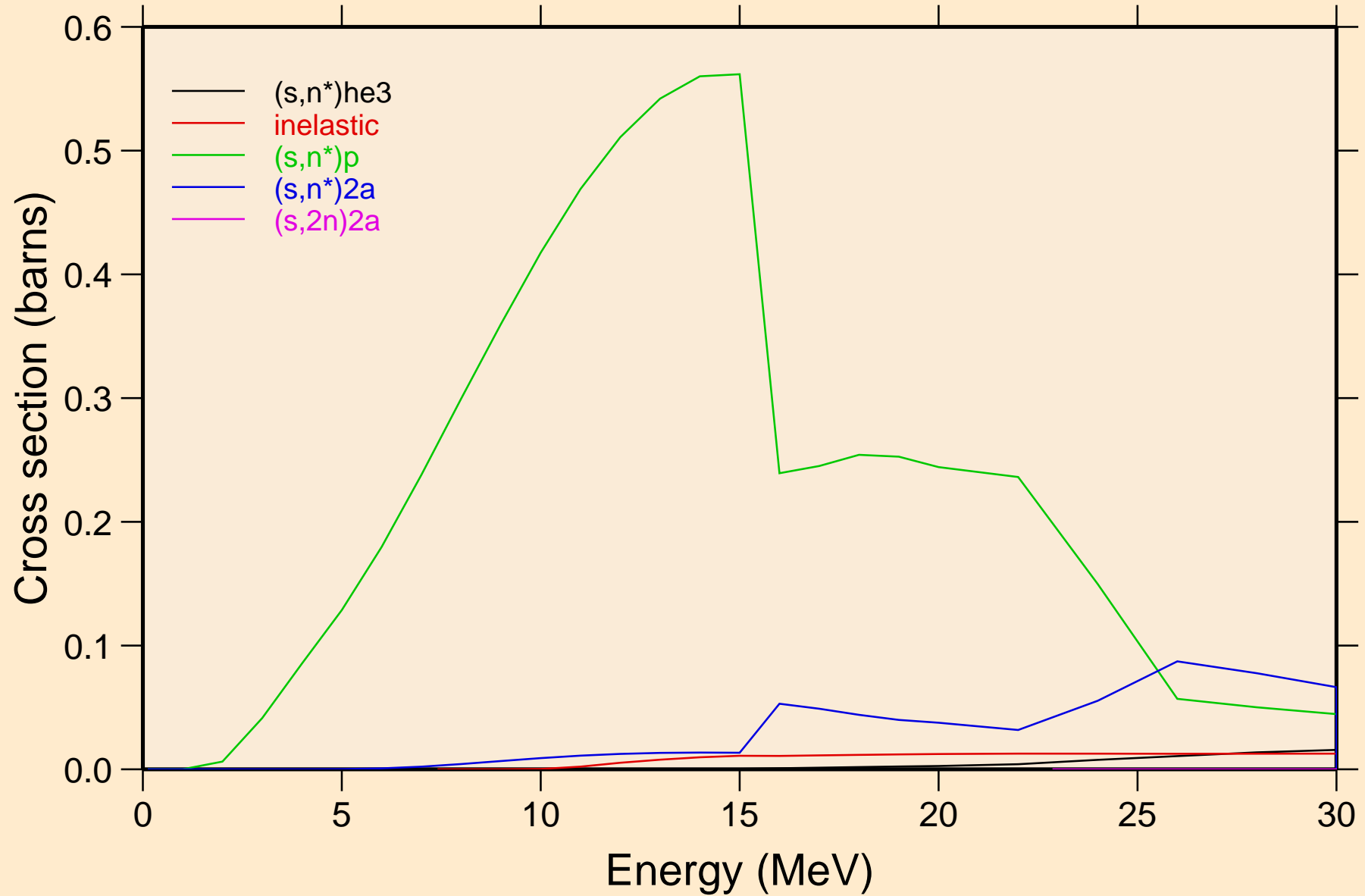


# C014 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

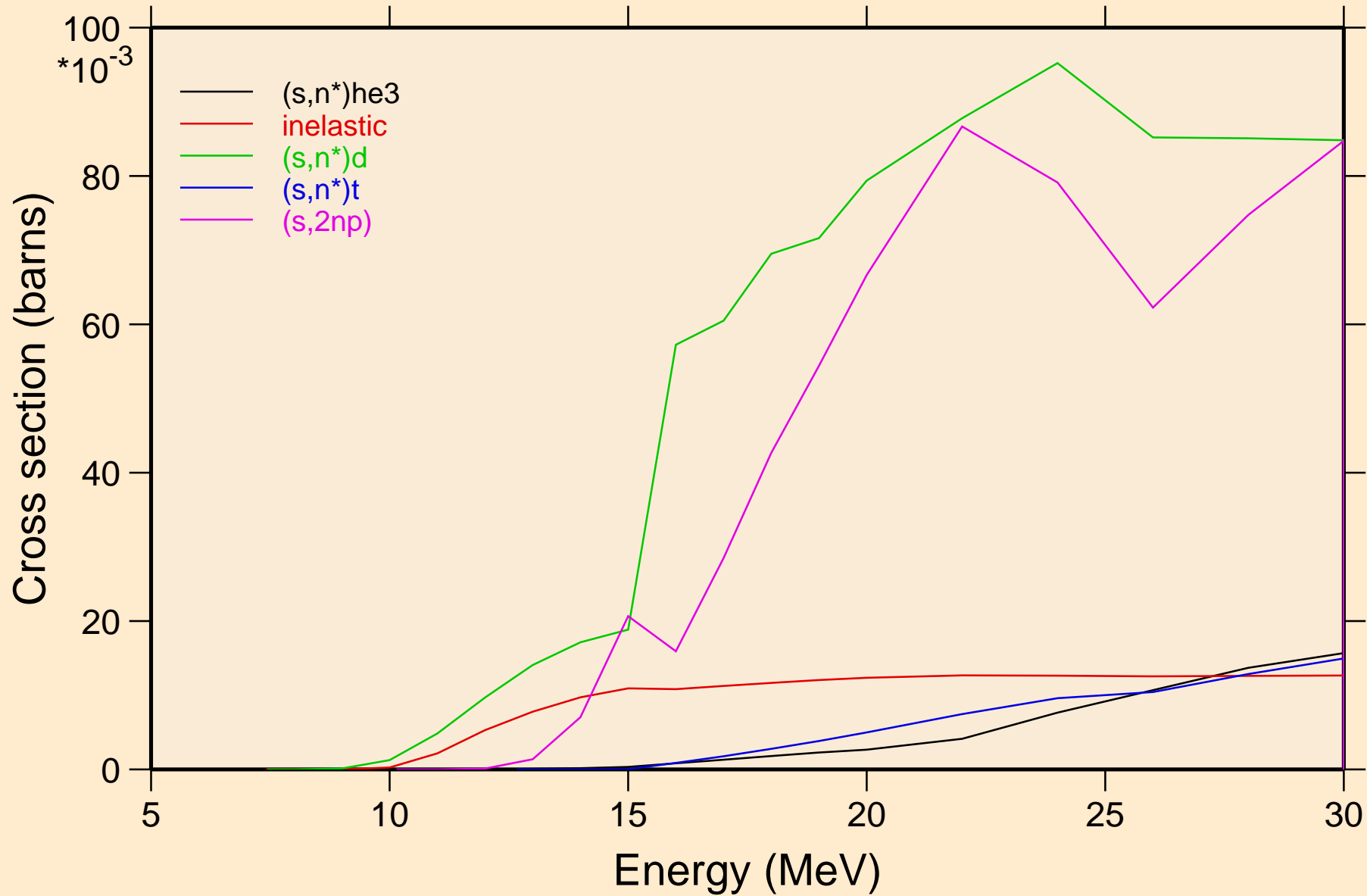


C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



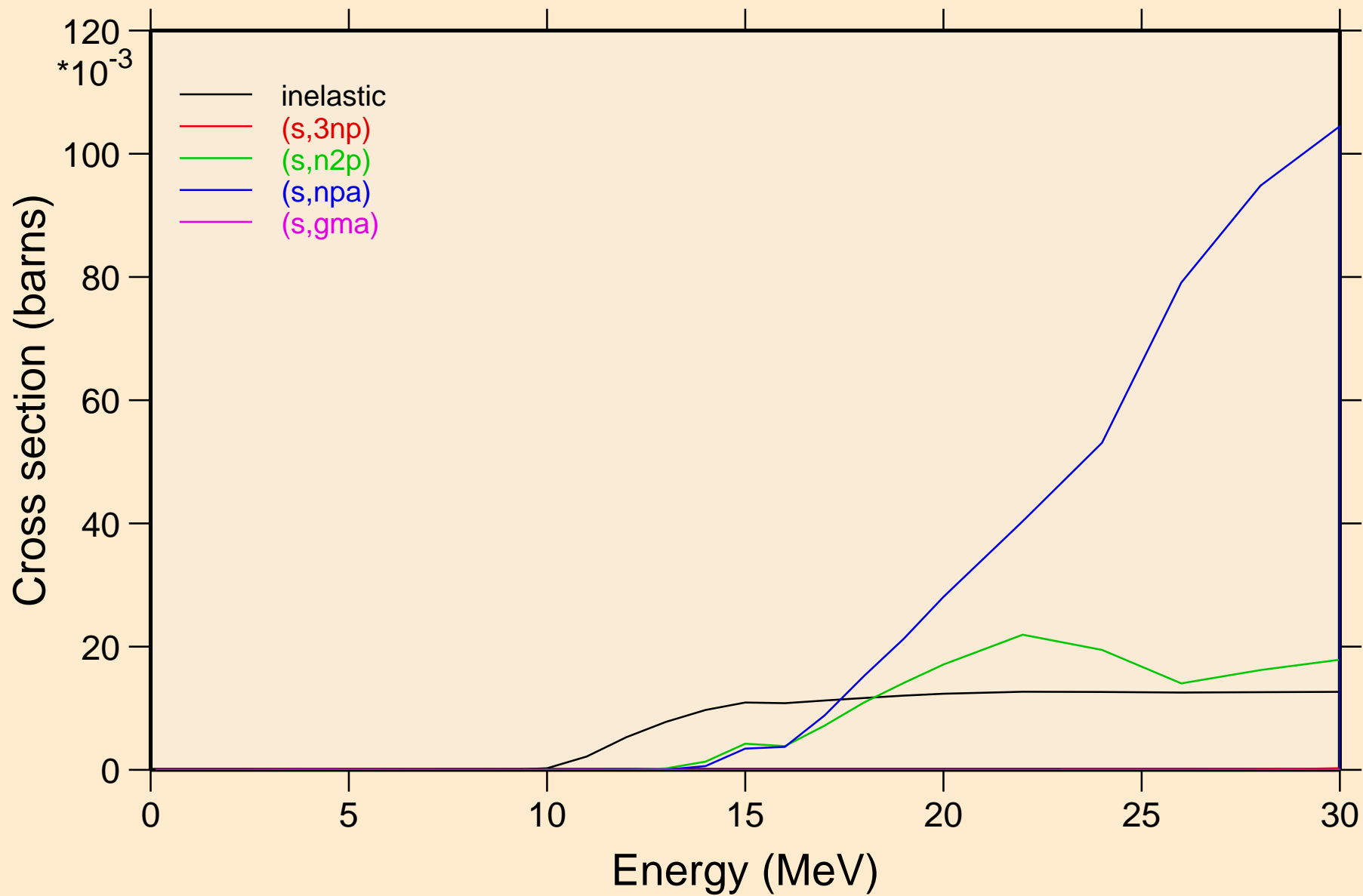
# C014 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



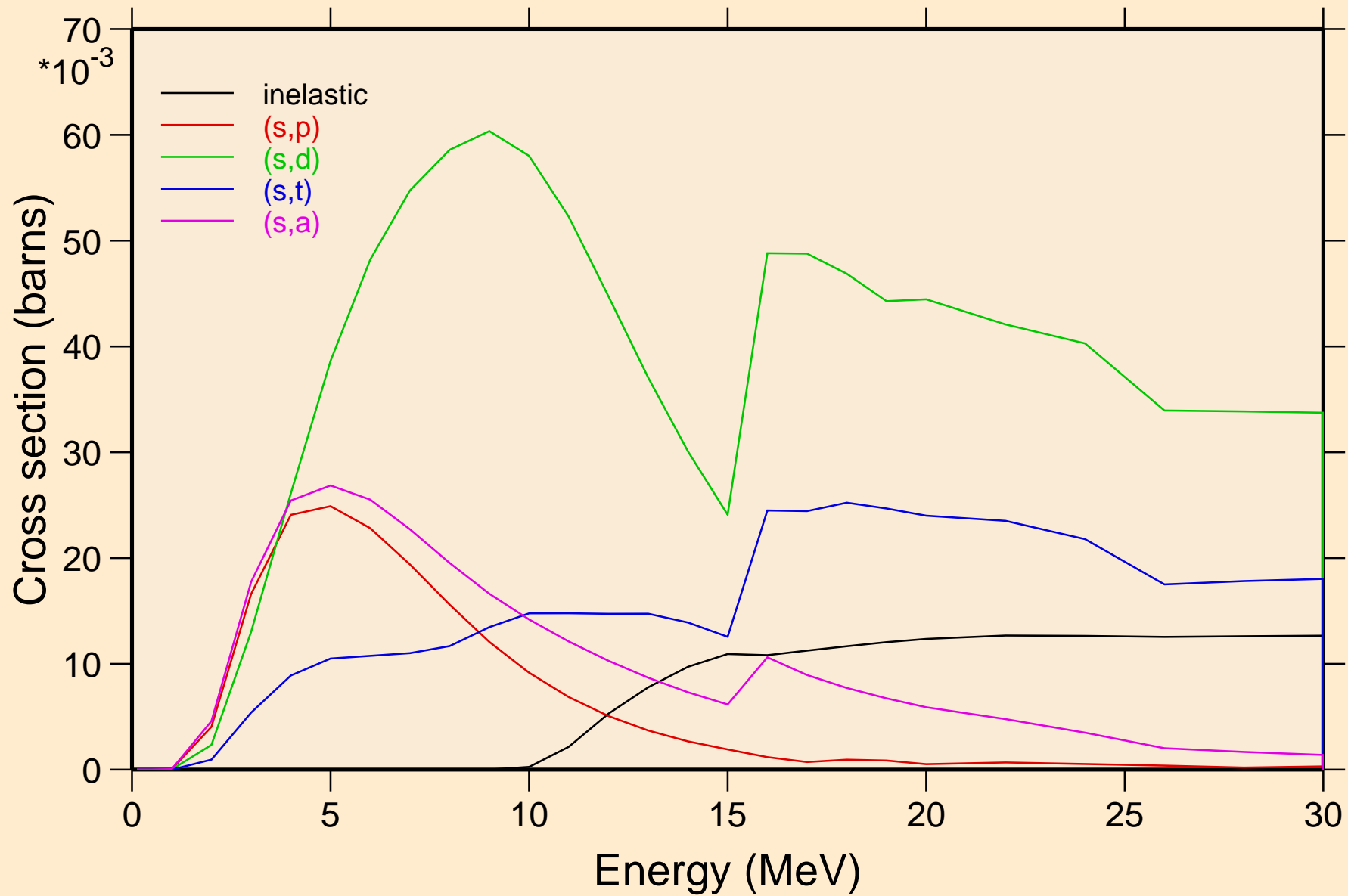
# C014 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



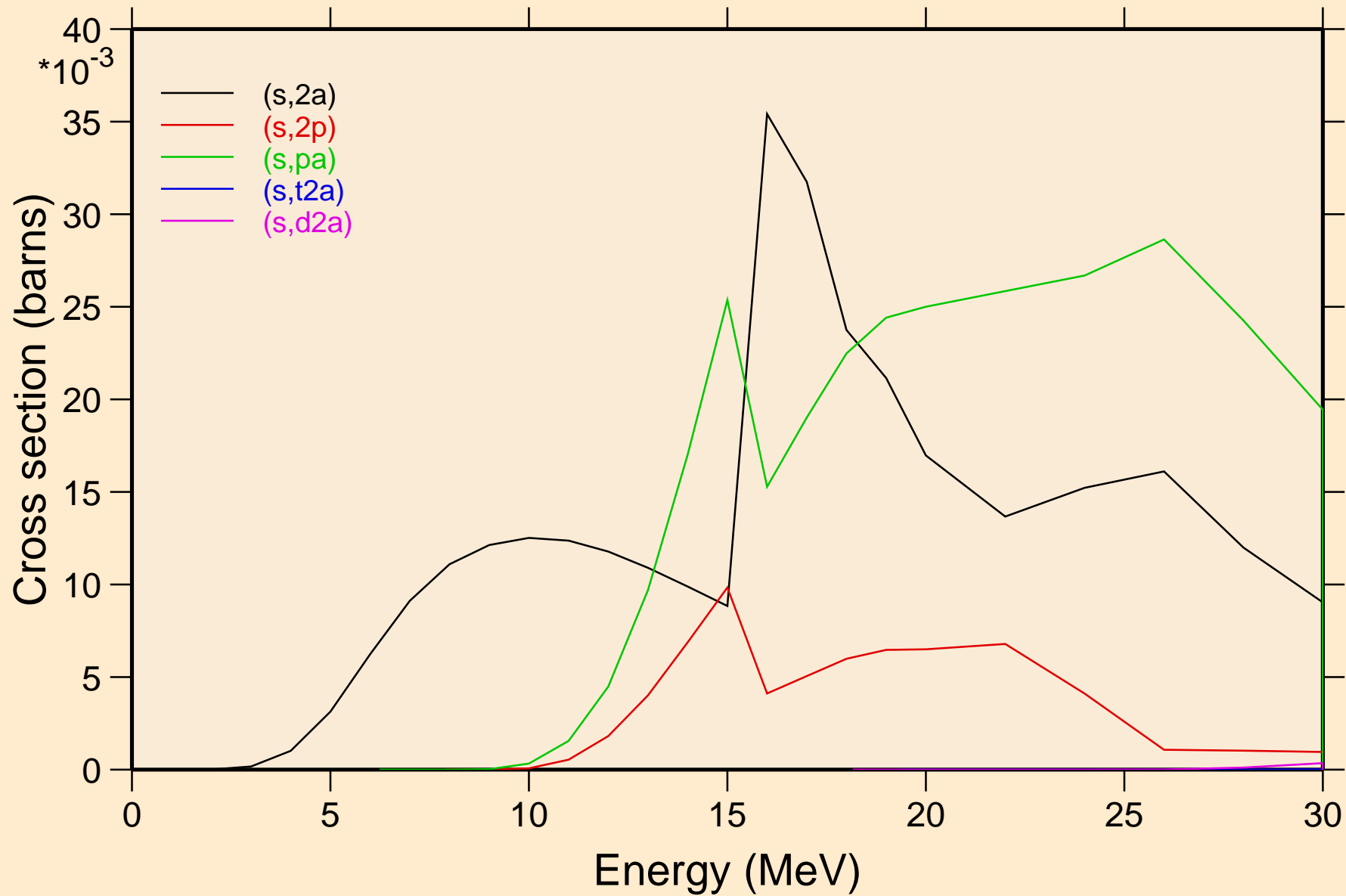
# C014 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



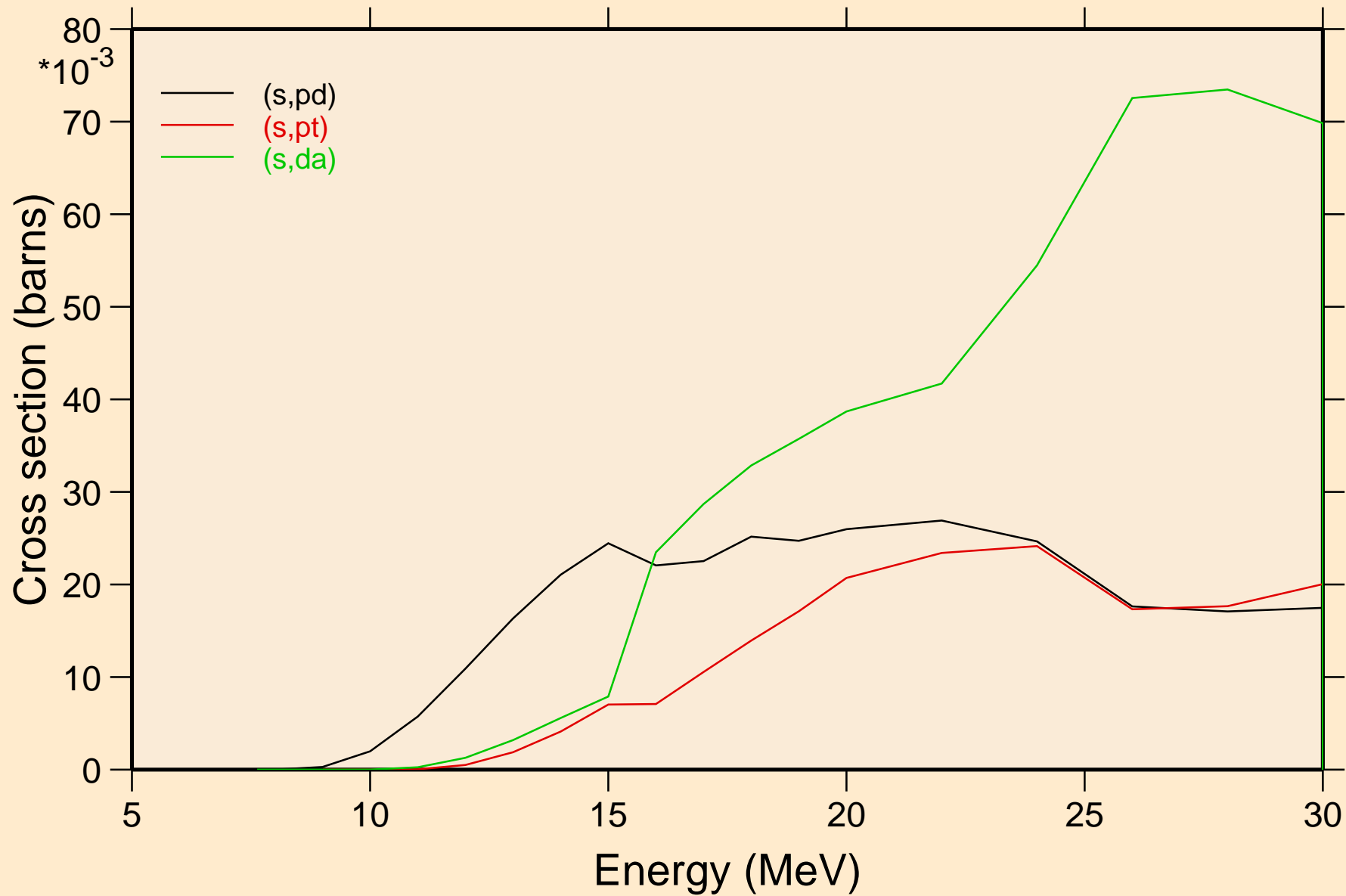
# C014 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

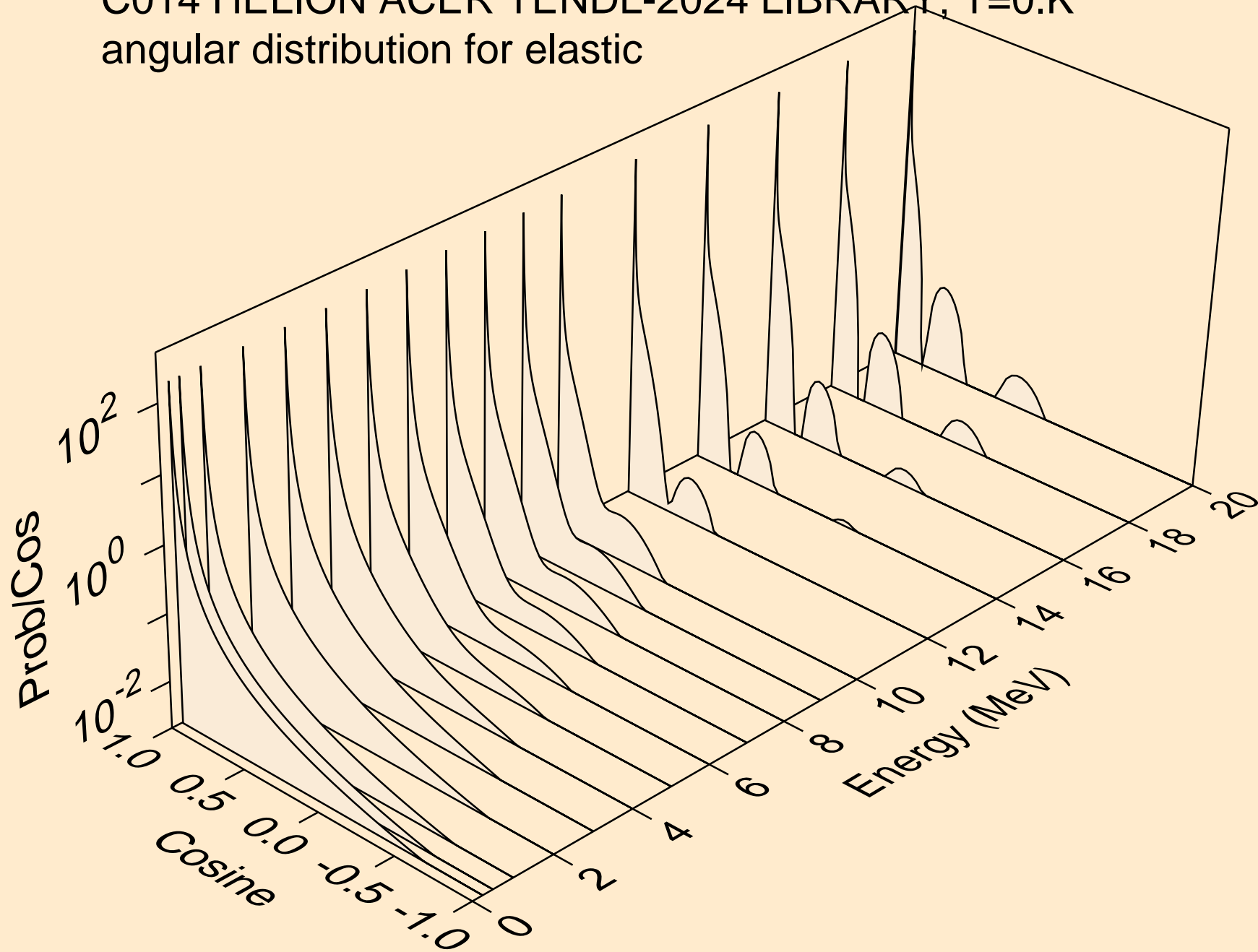


# C014 HELION ACER TENDL-2024 LIBRARY; T=0.K

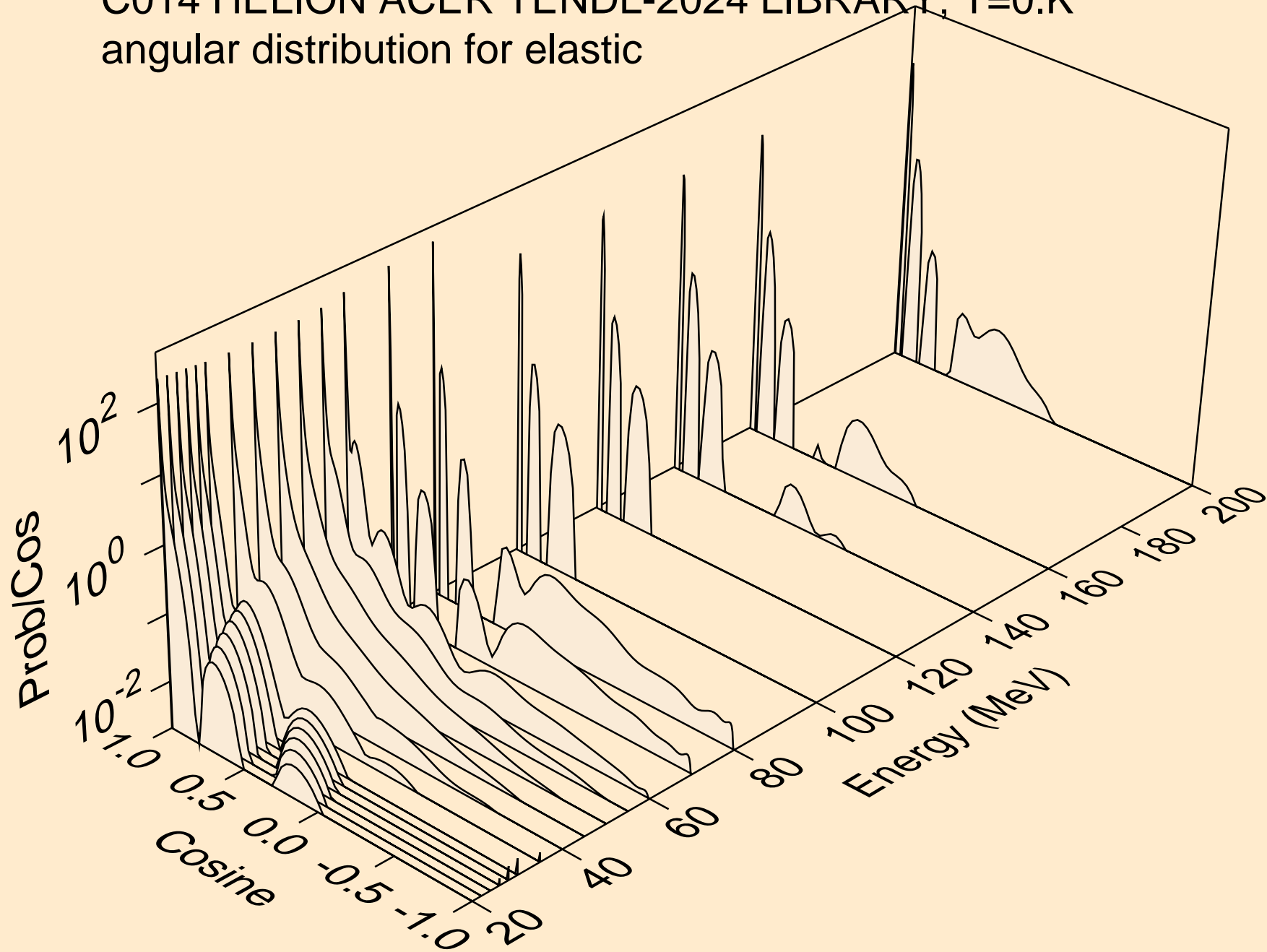
## Threshold reactions



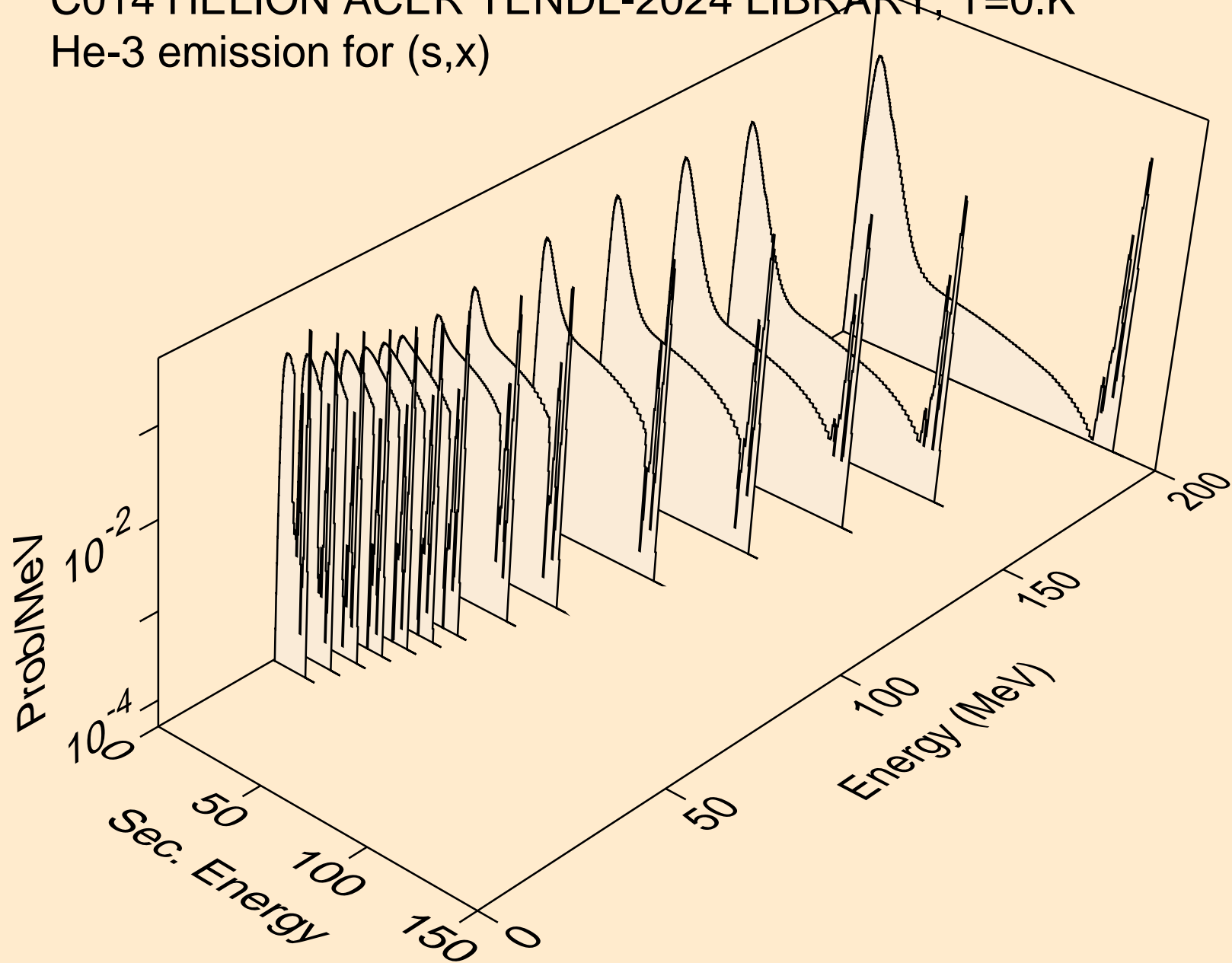
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



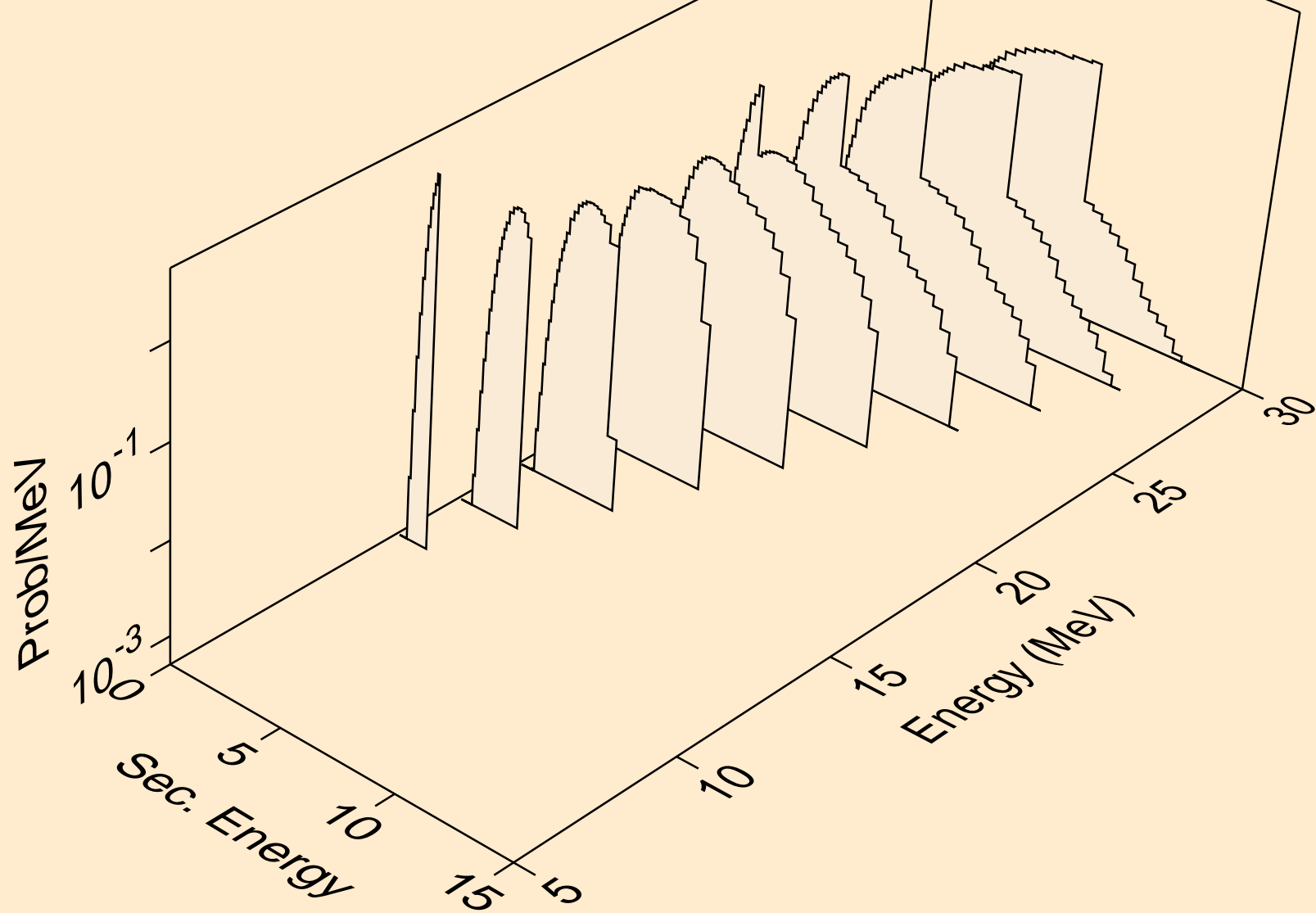
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



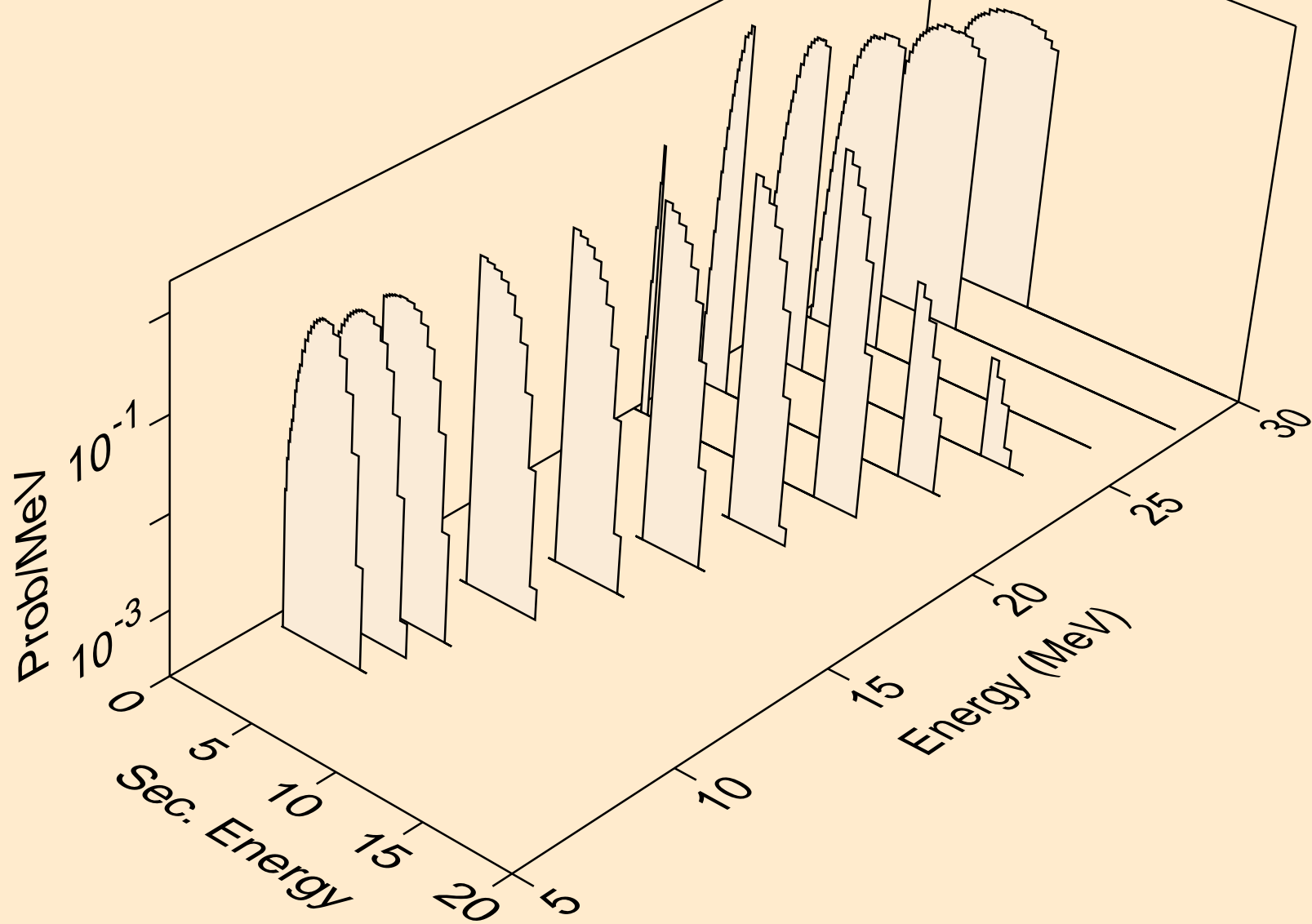
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for (s,x)



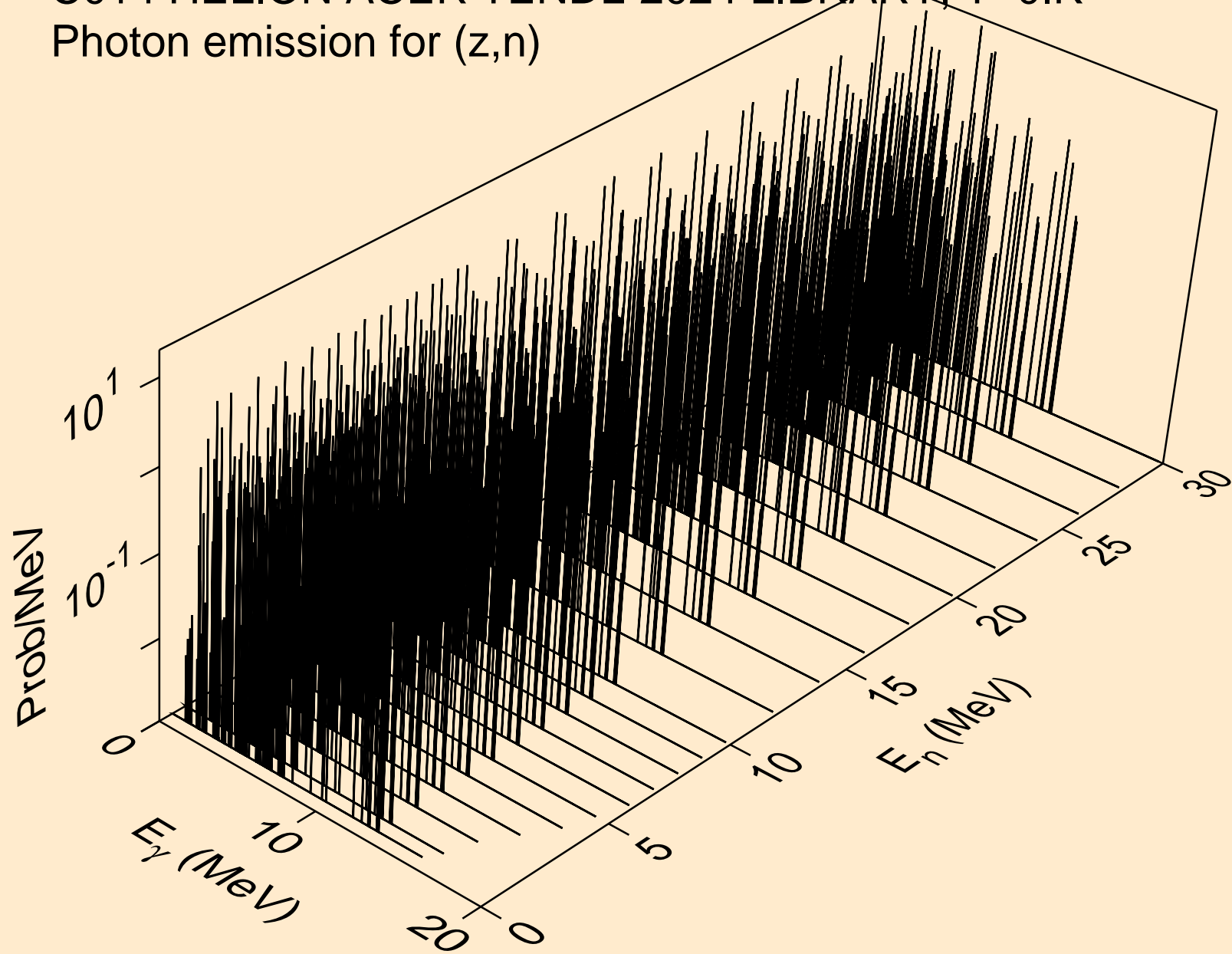
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3



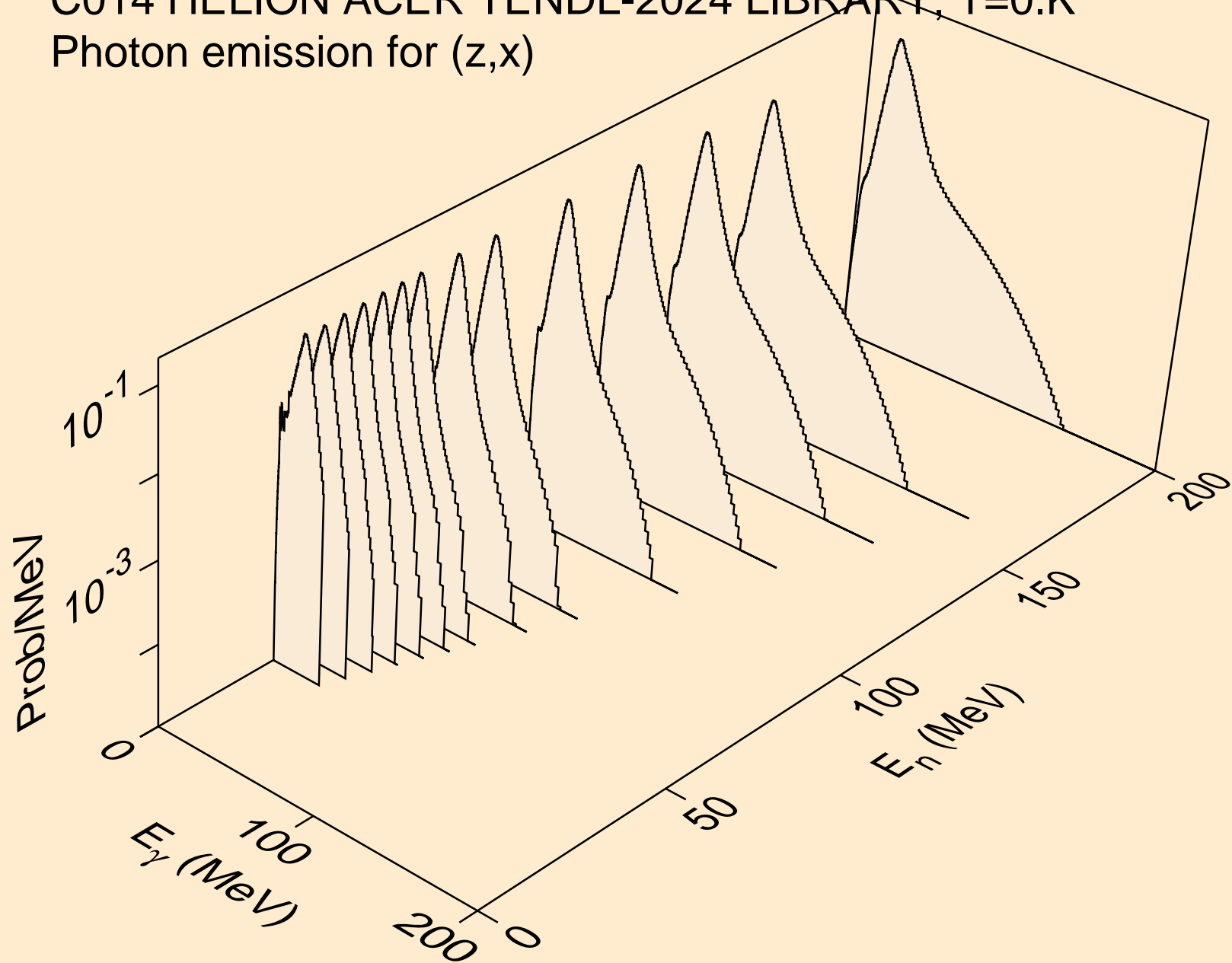
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for inelastic



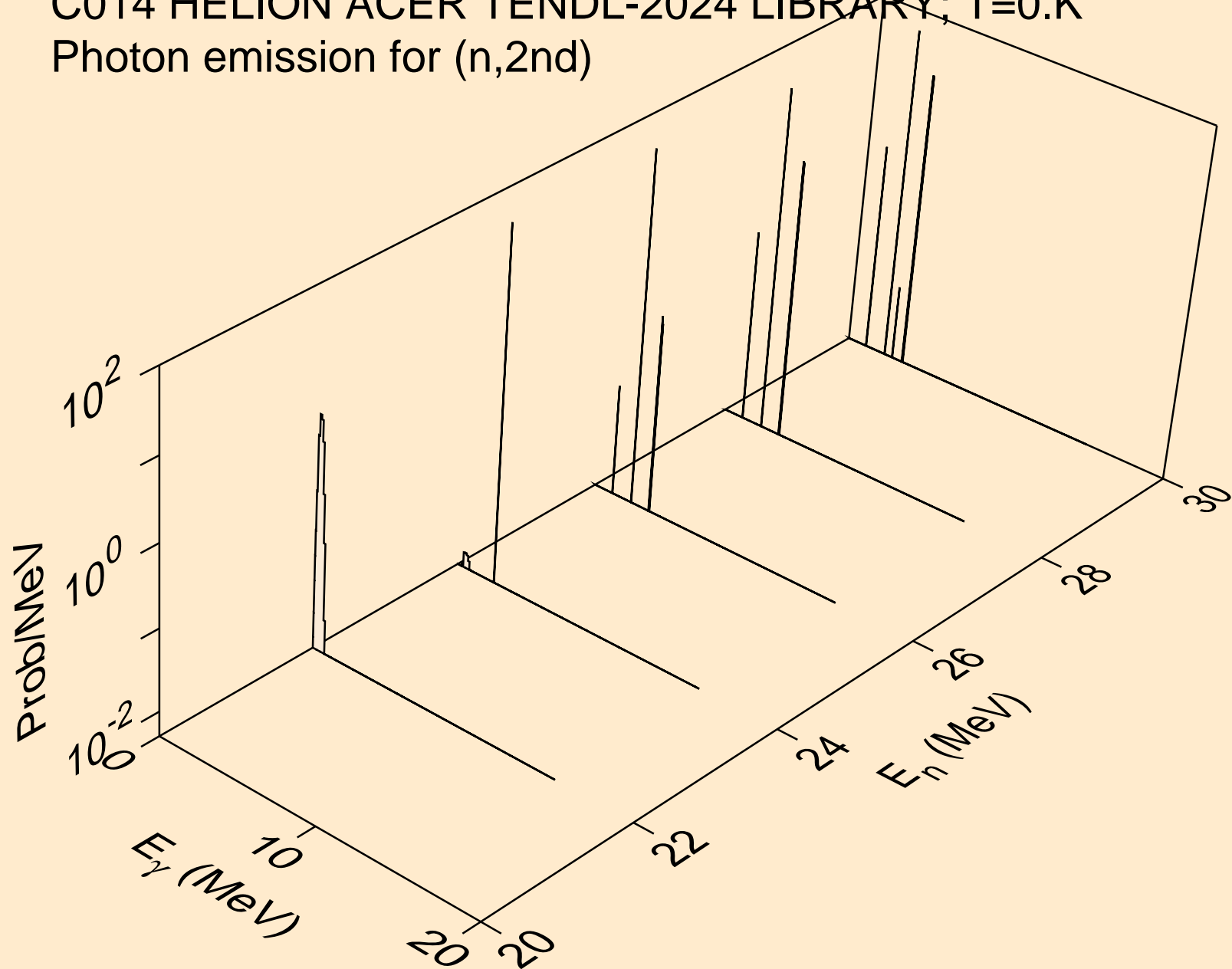
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,n)



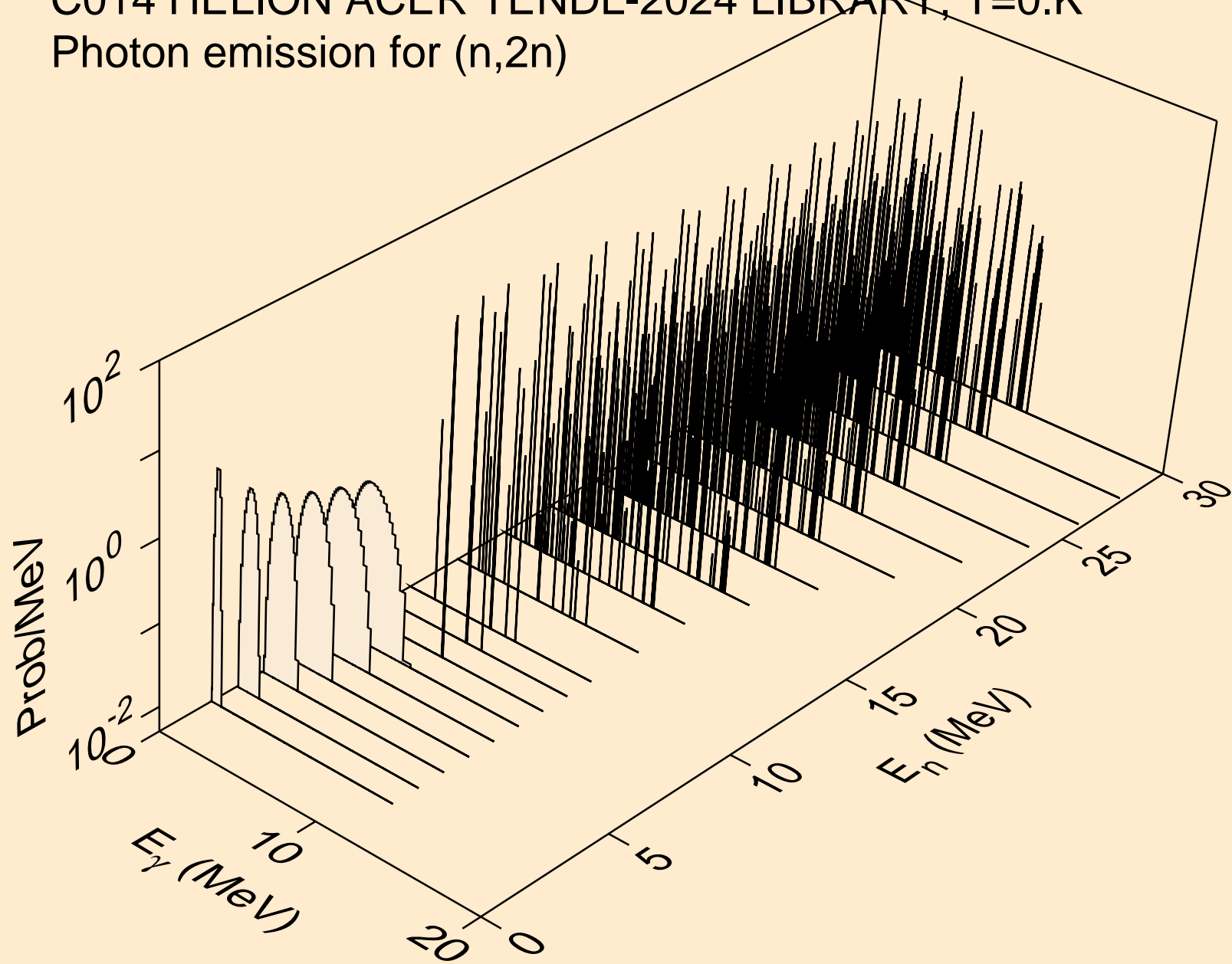
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,x)



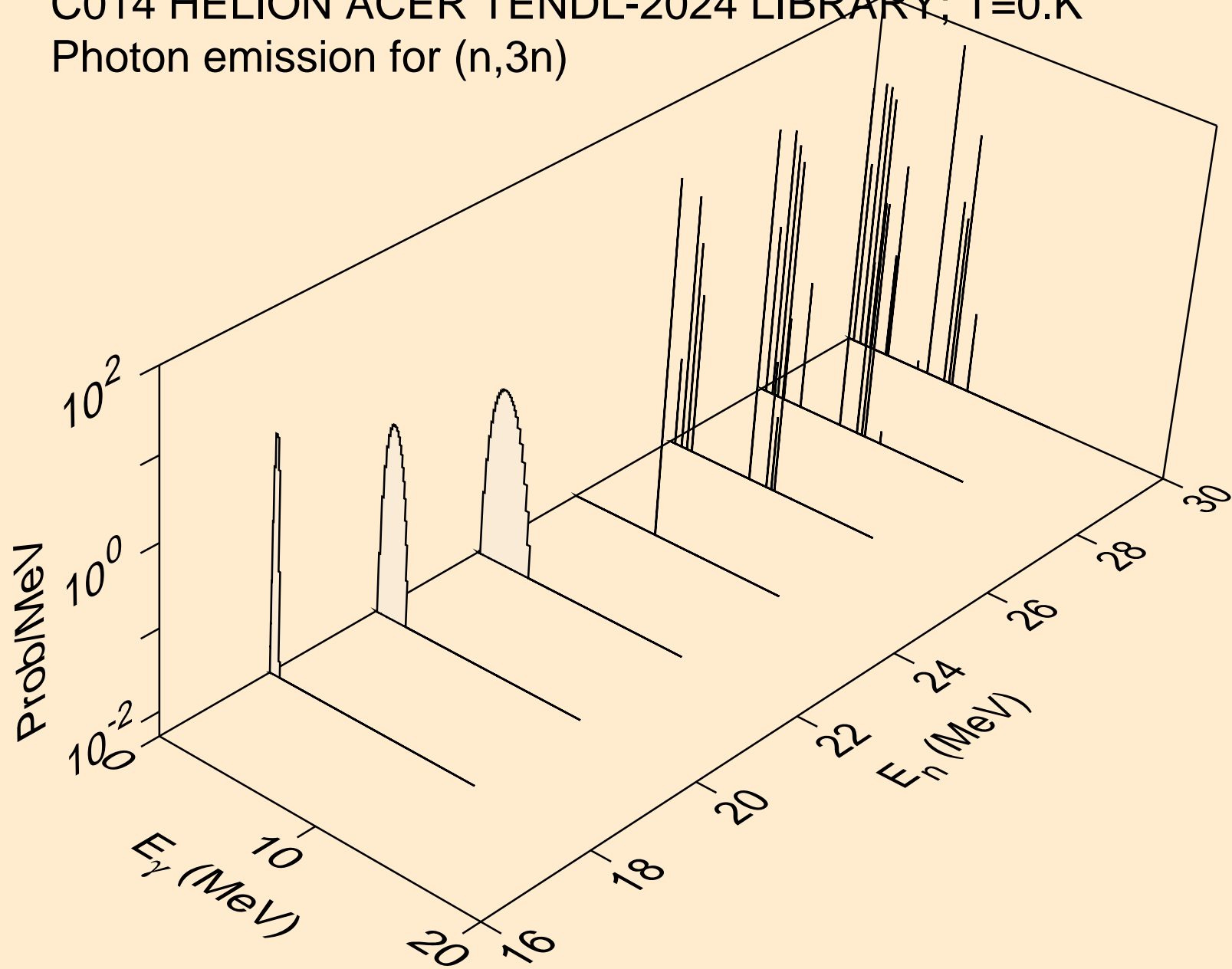
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



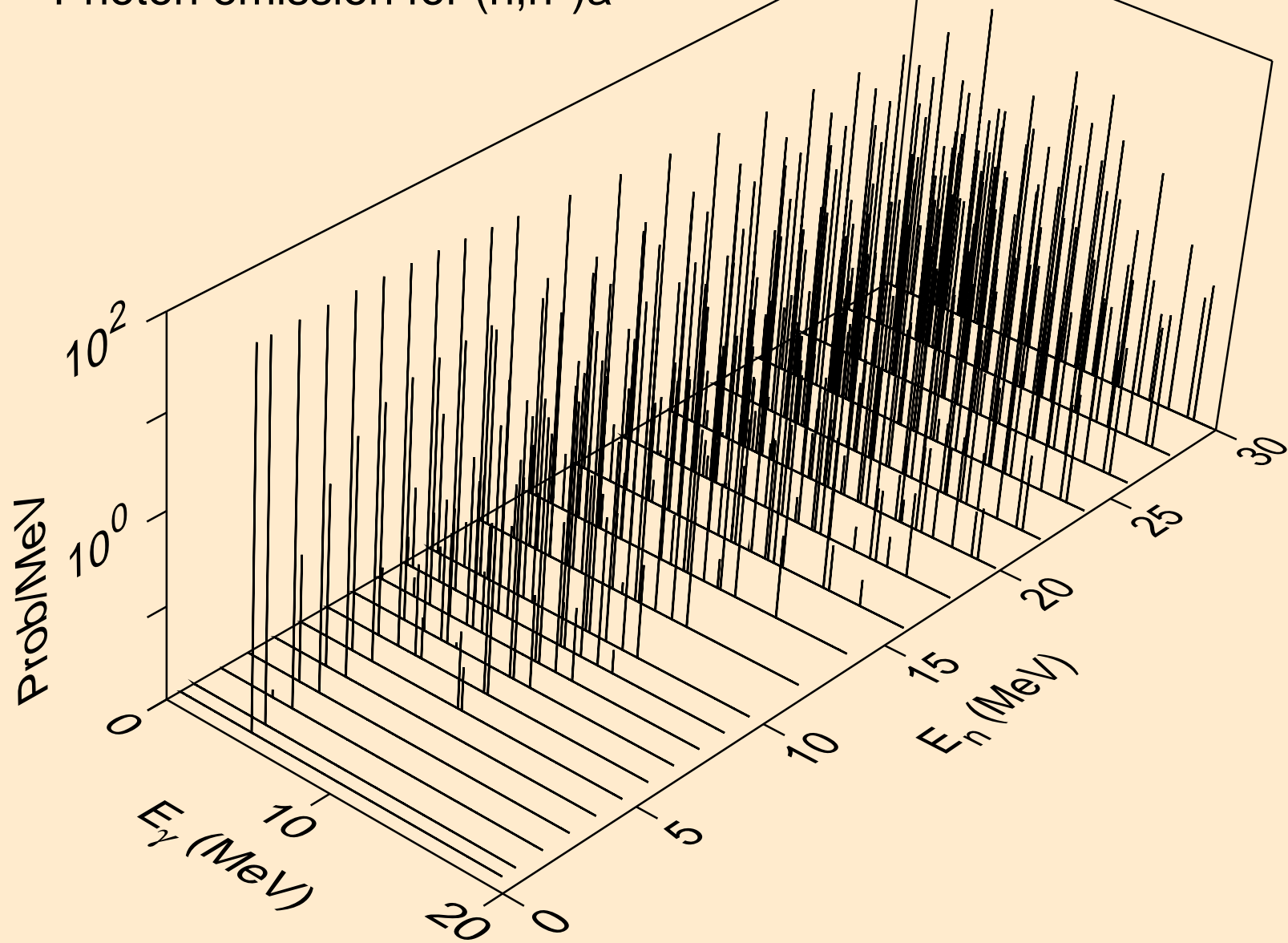
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



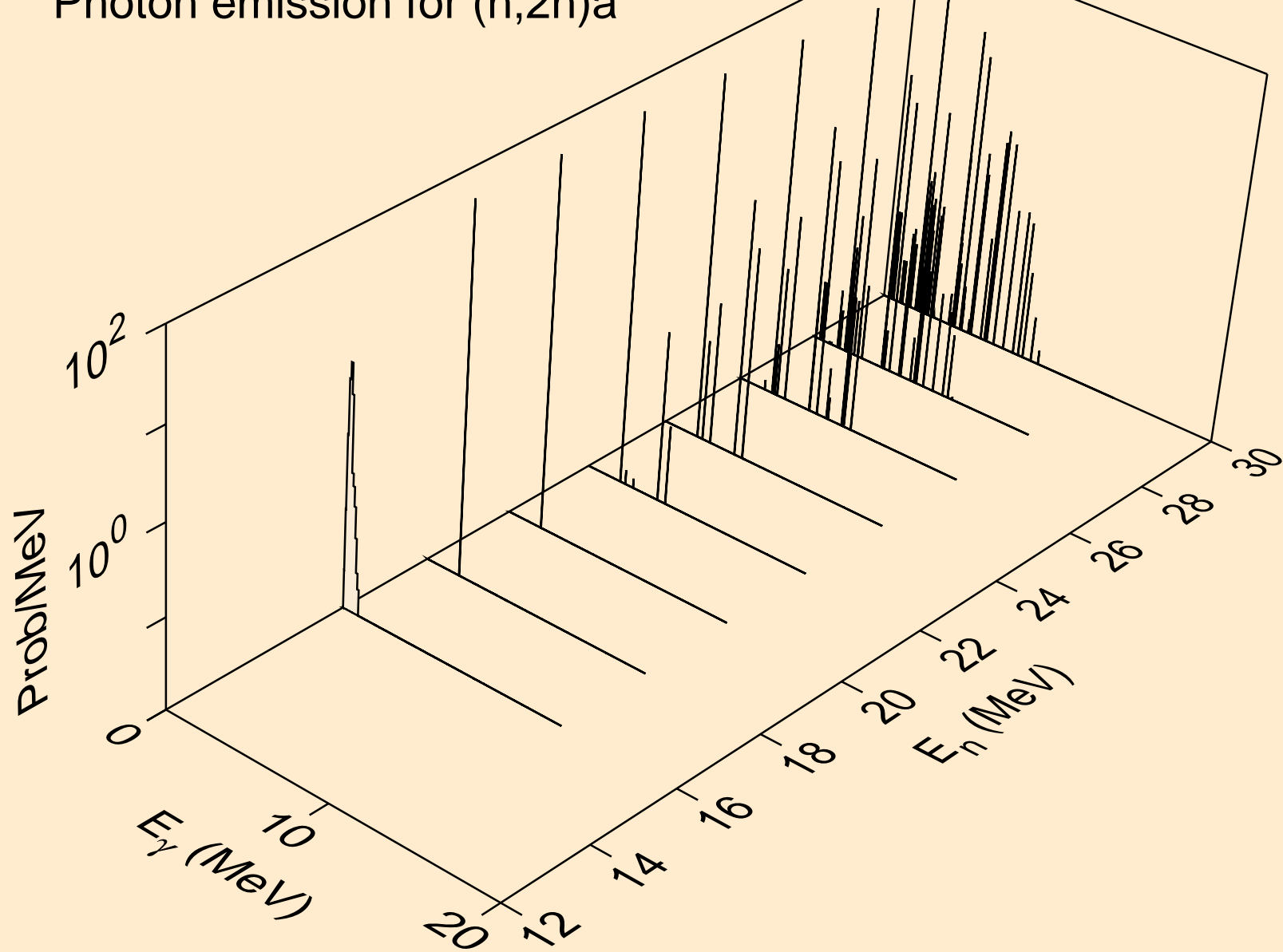
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



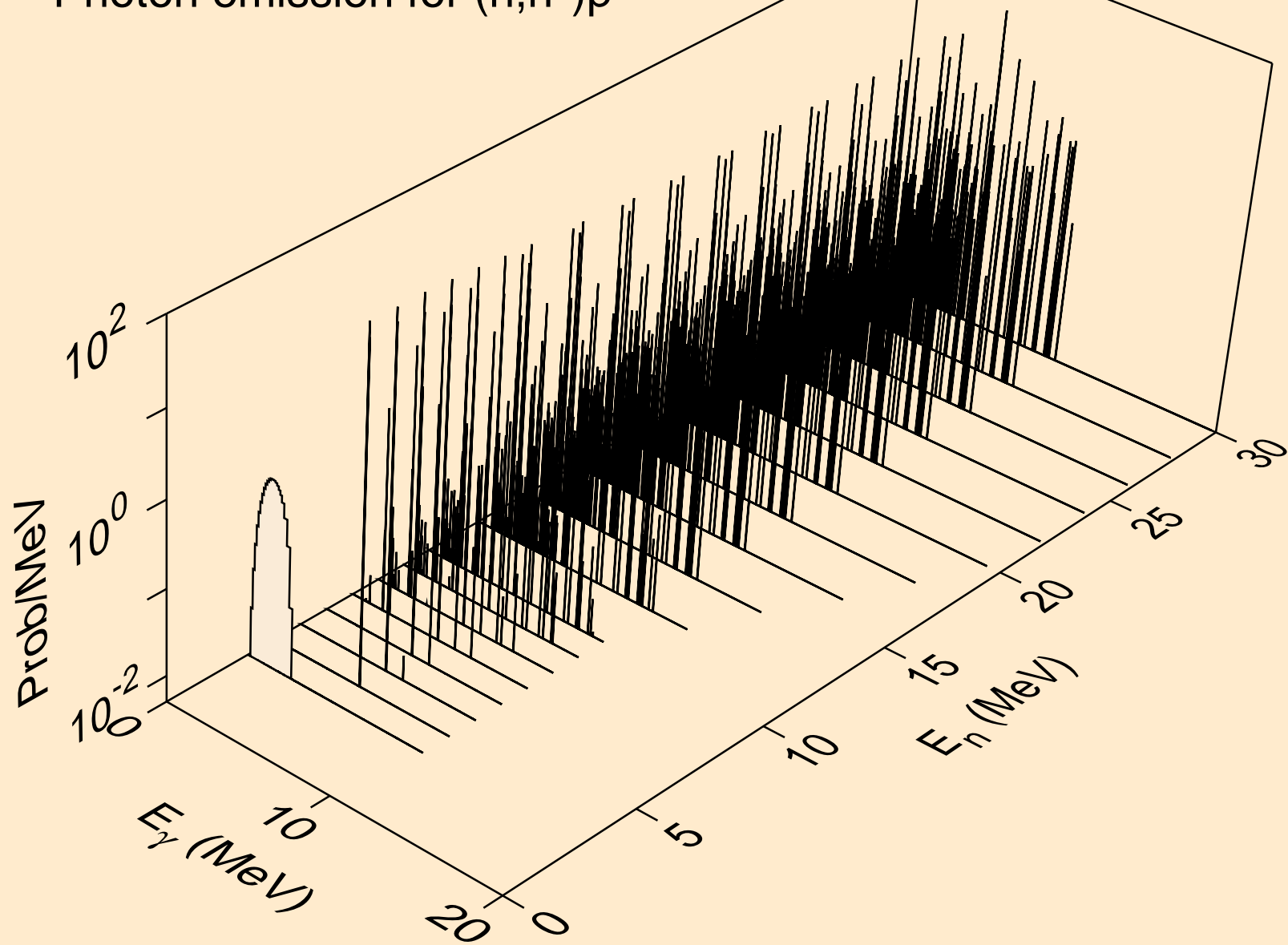
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



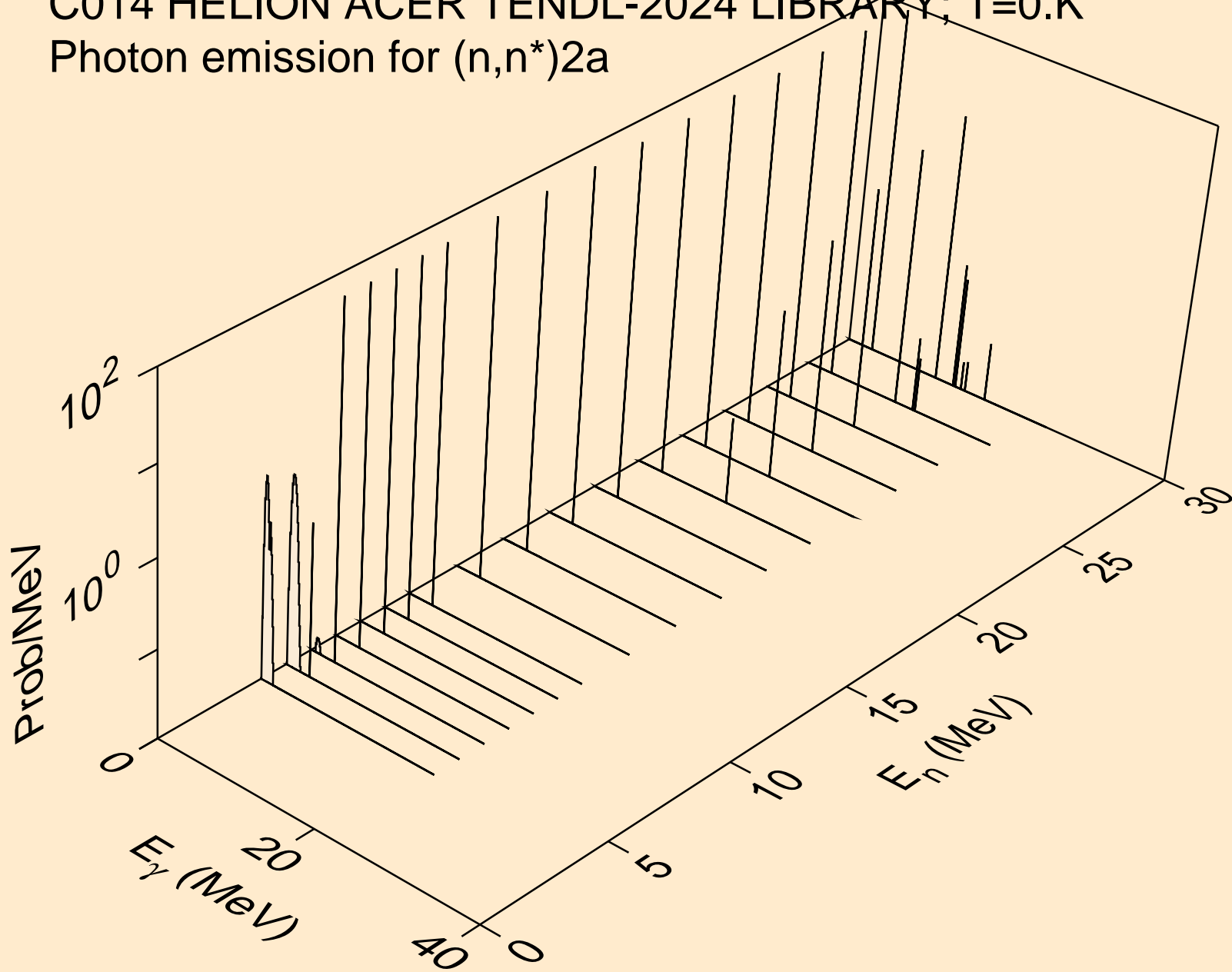
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



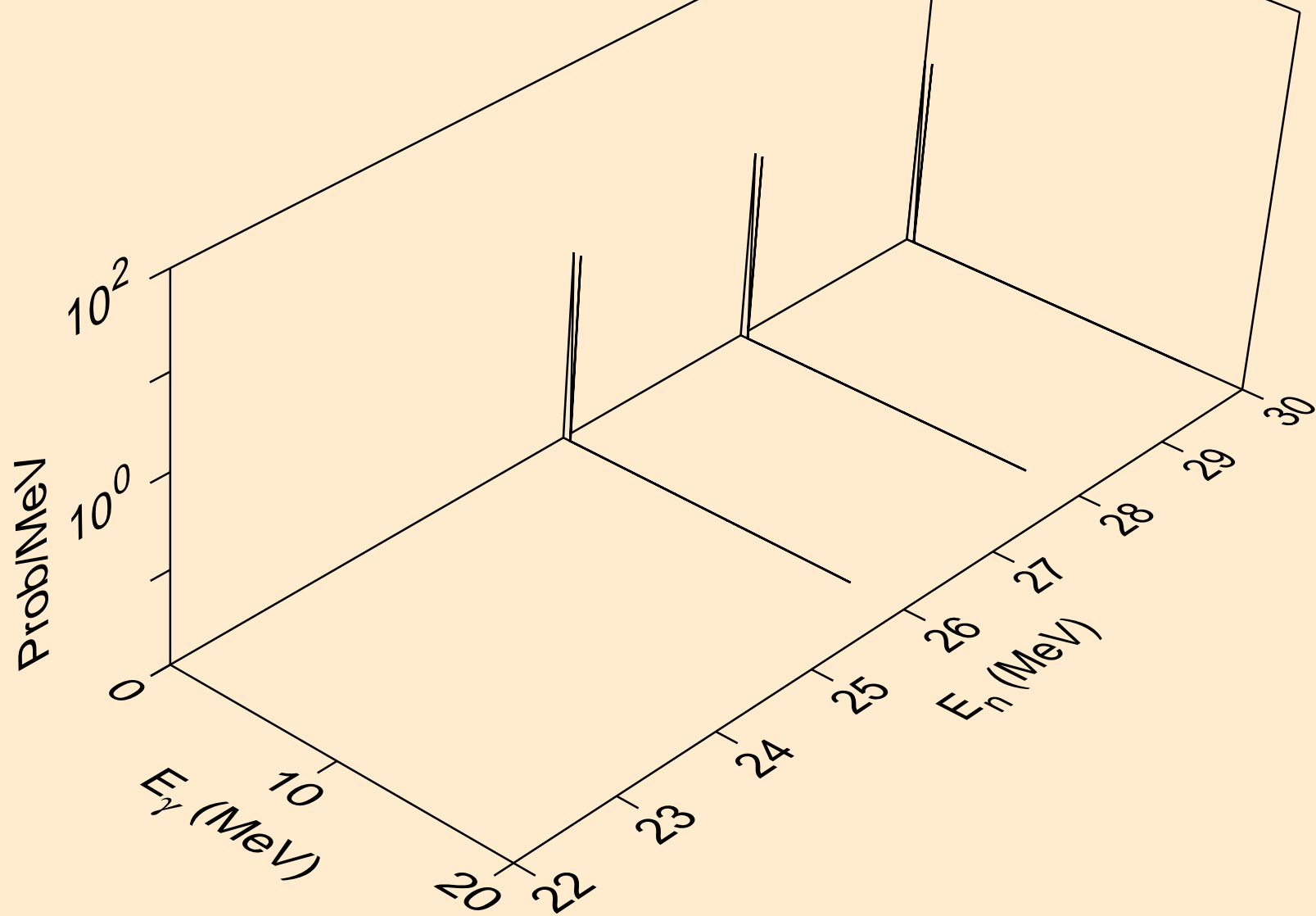
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



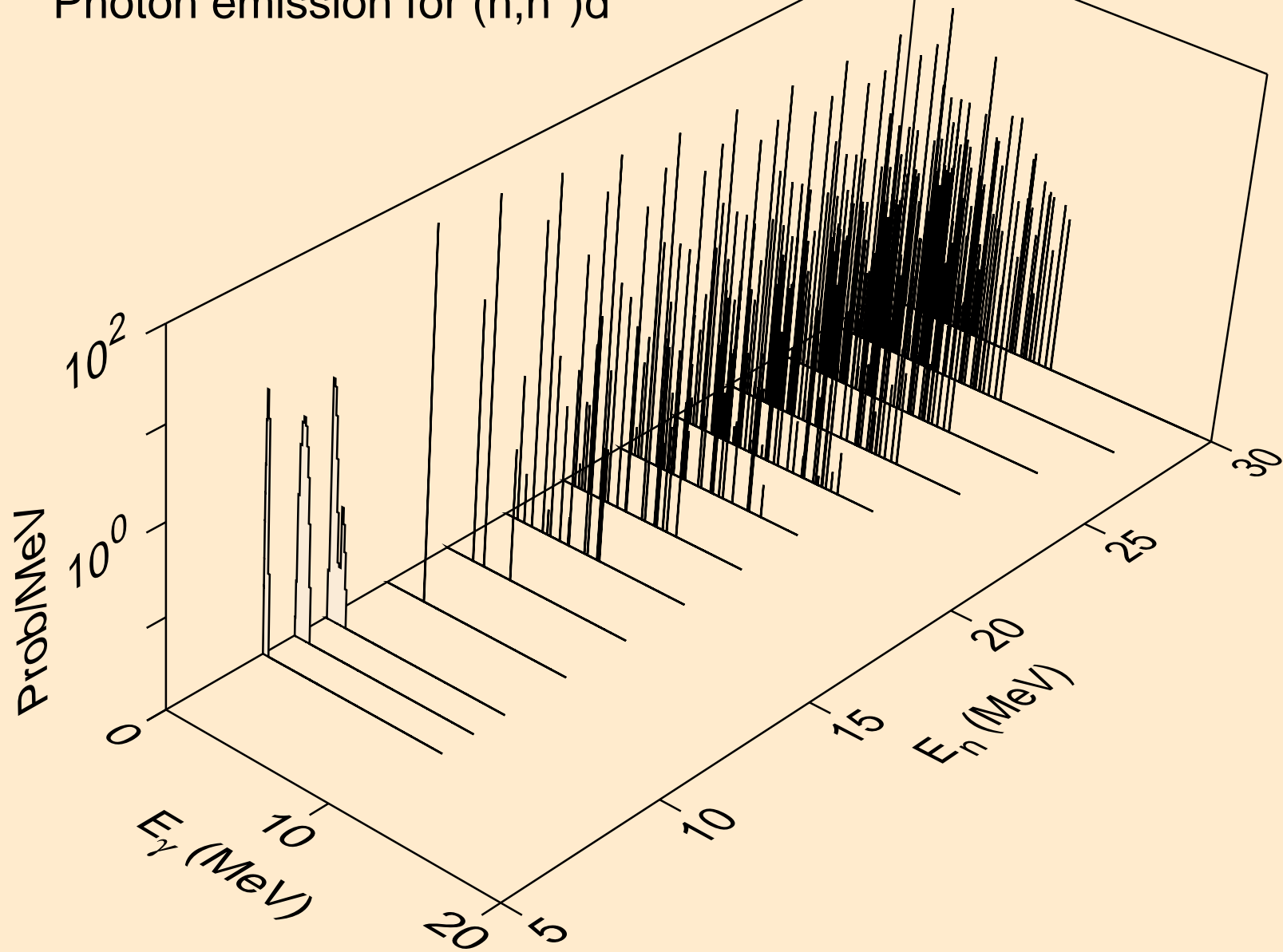
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



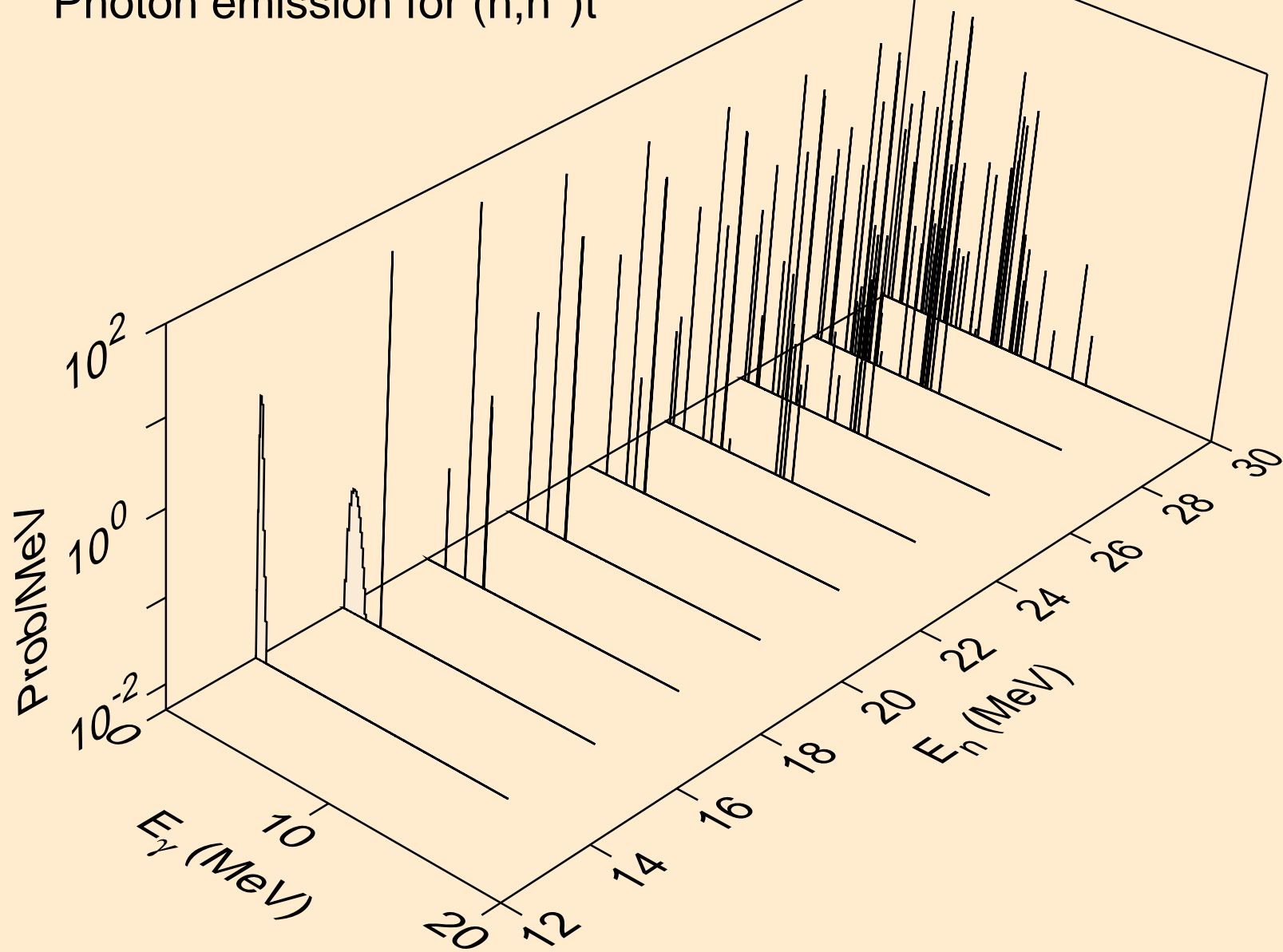
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)2a



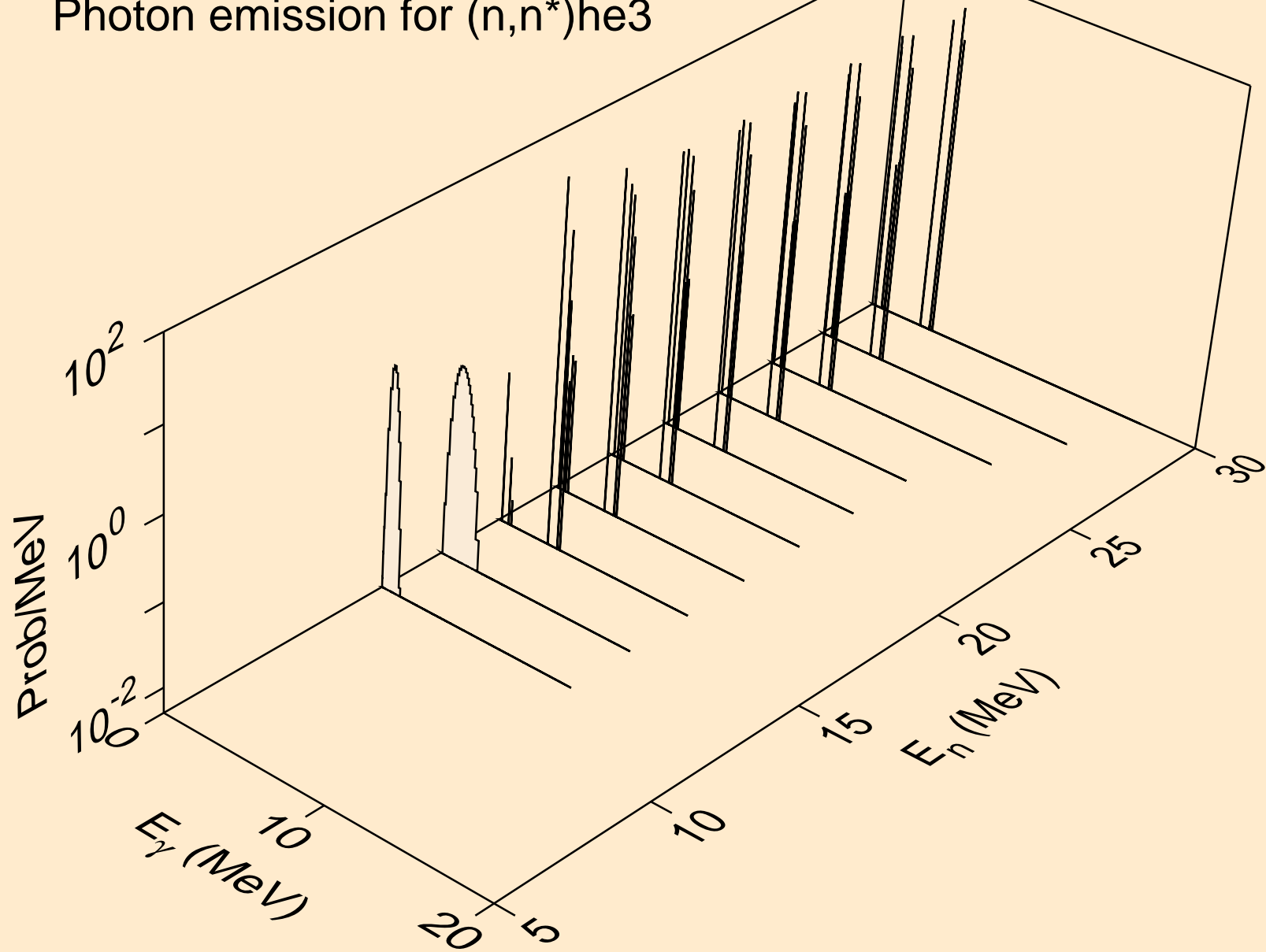
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



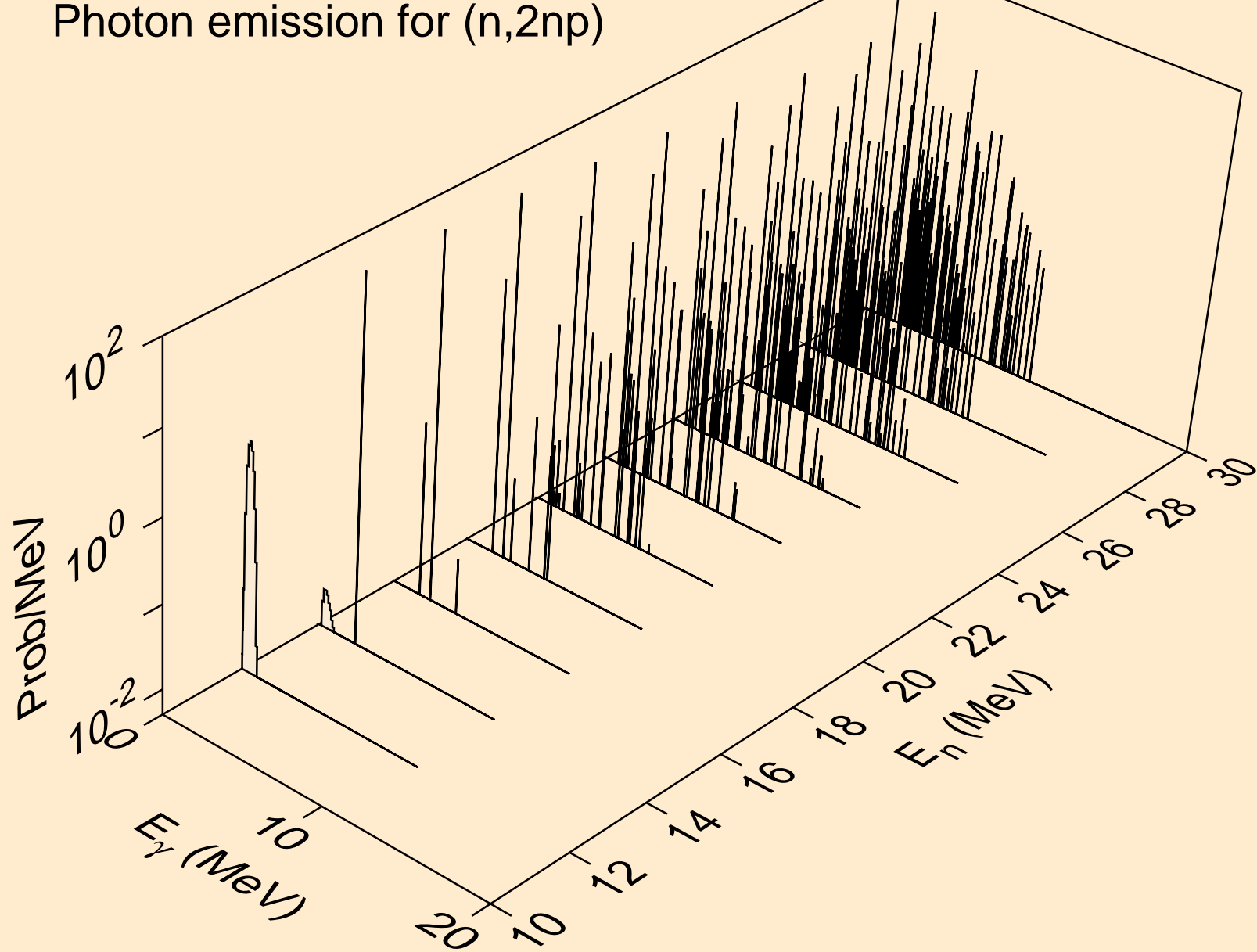
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



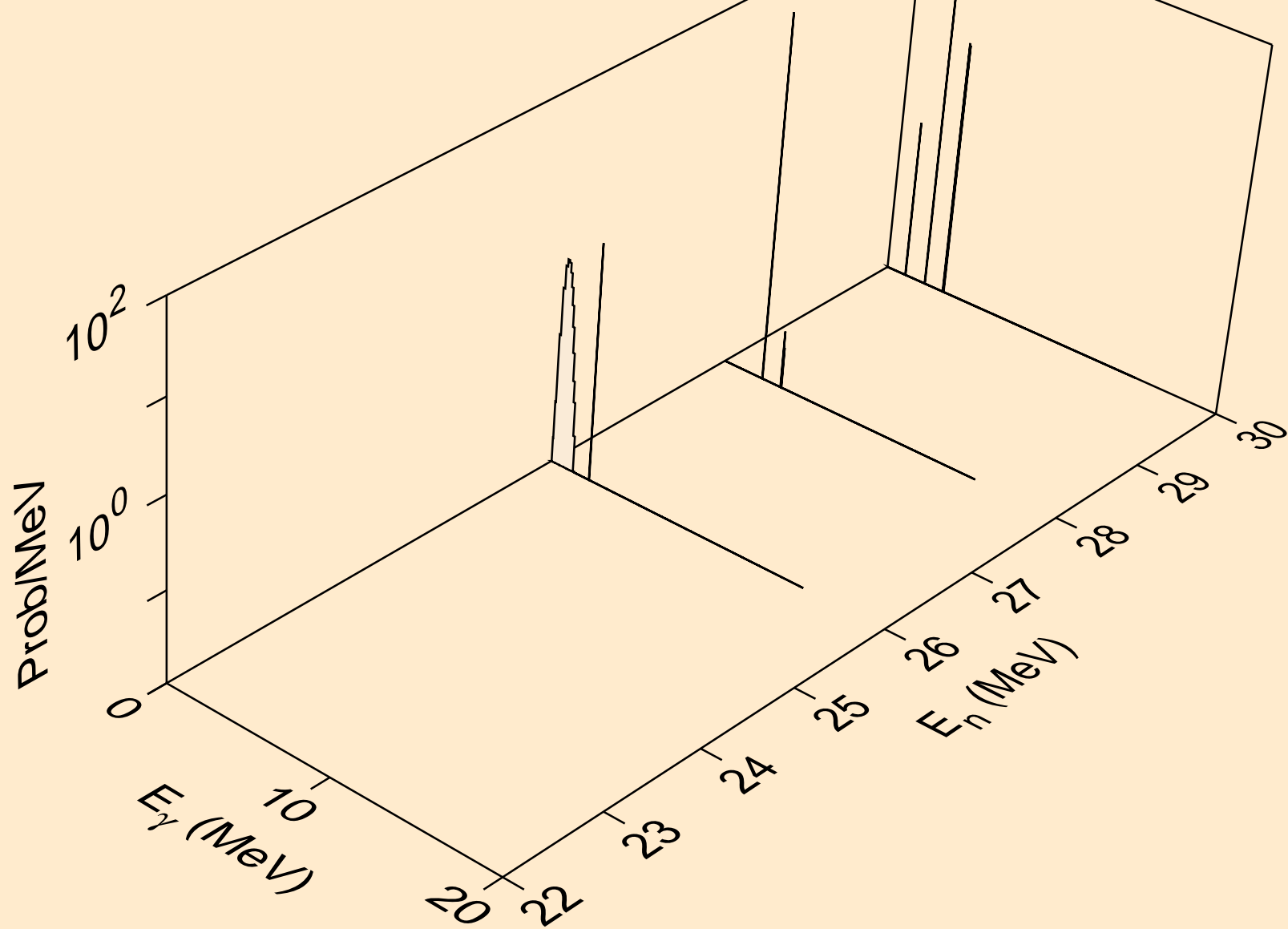
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



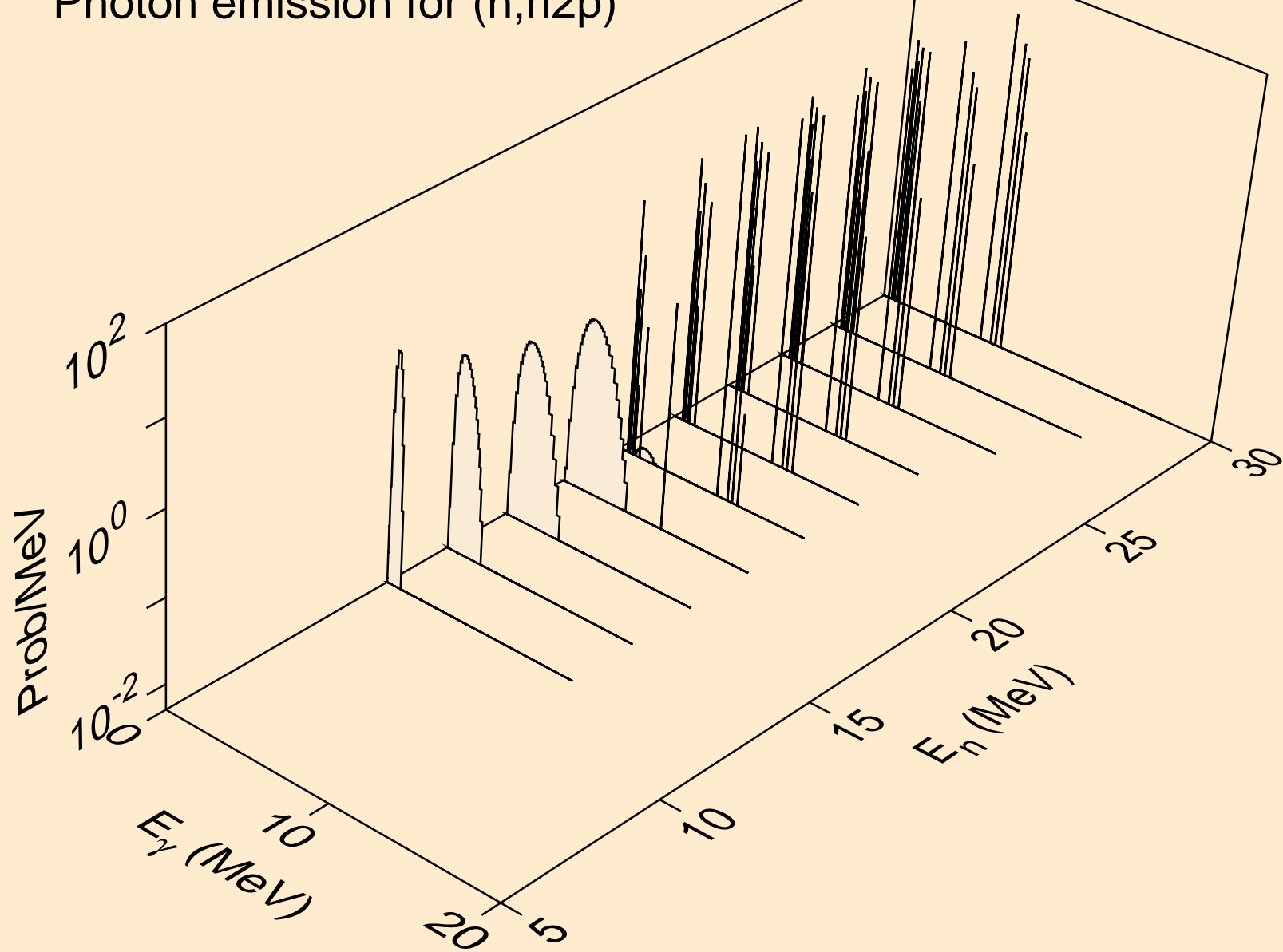
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



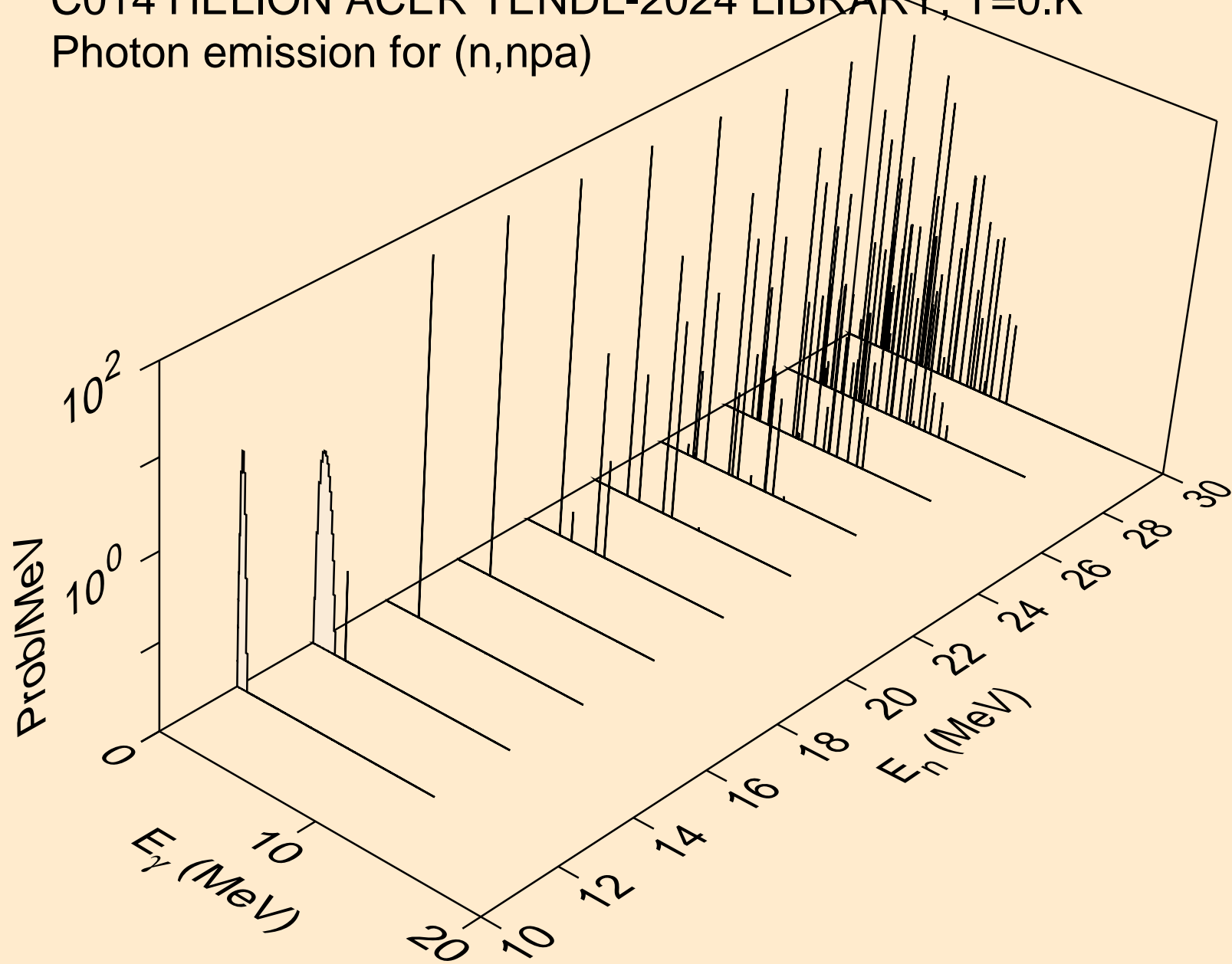
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



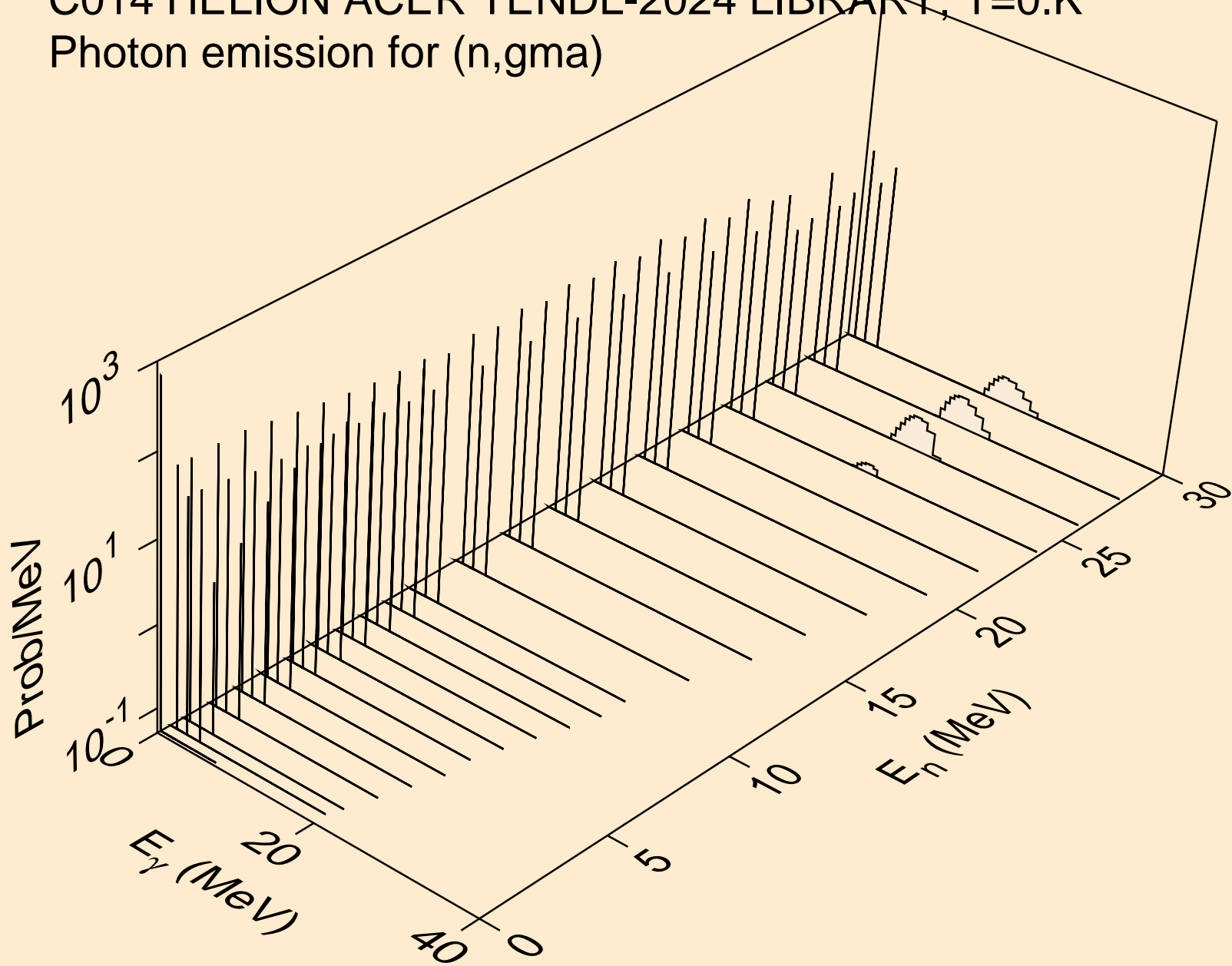
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



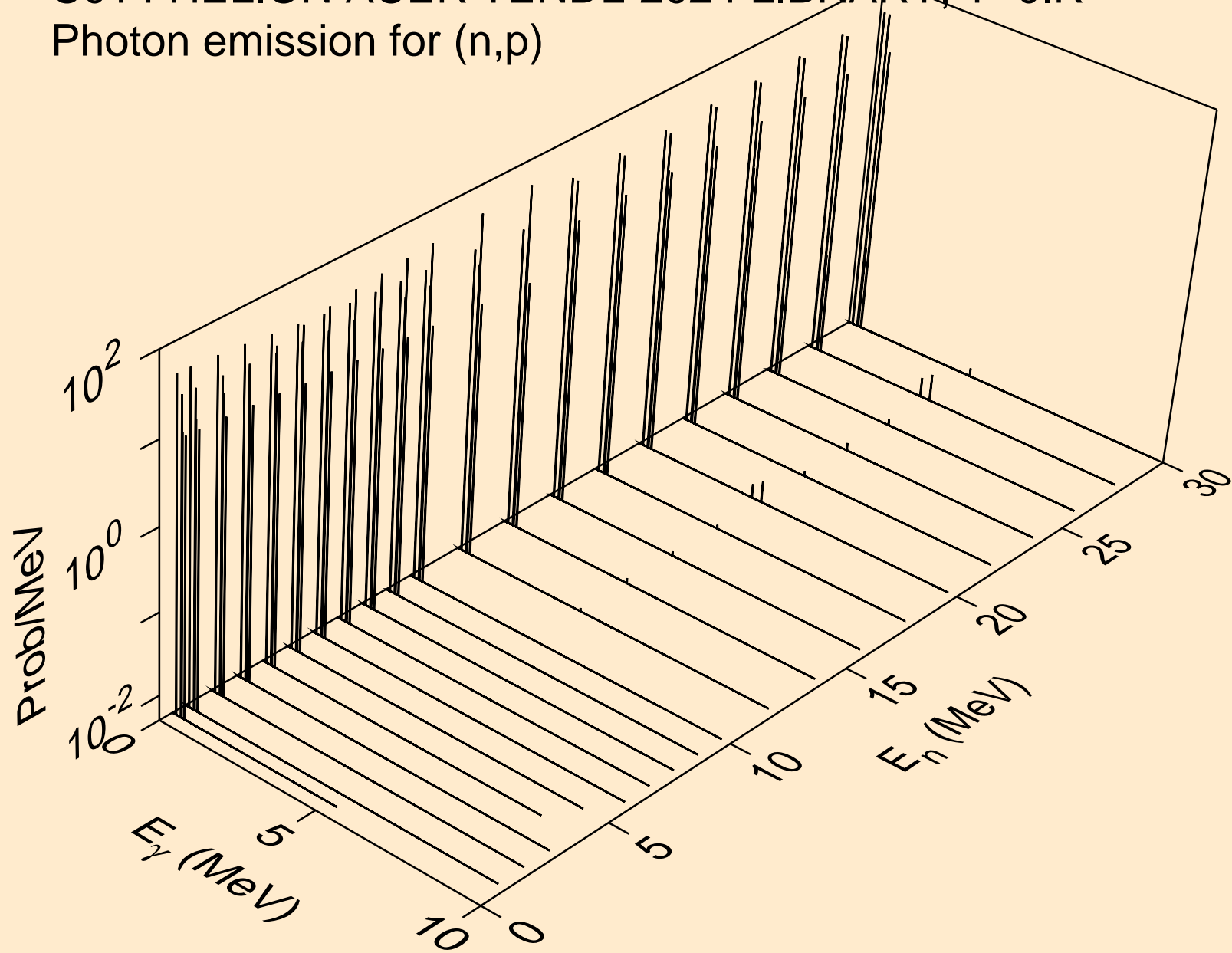
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



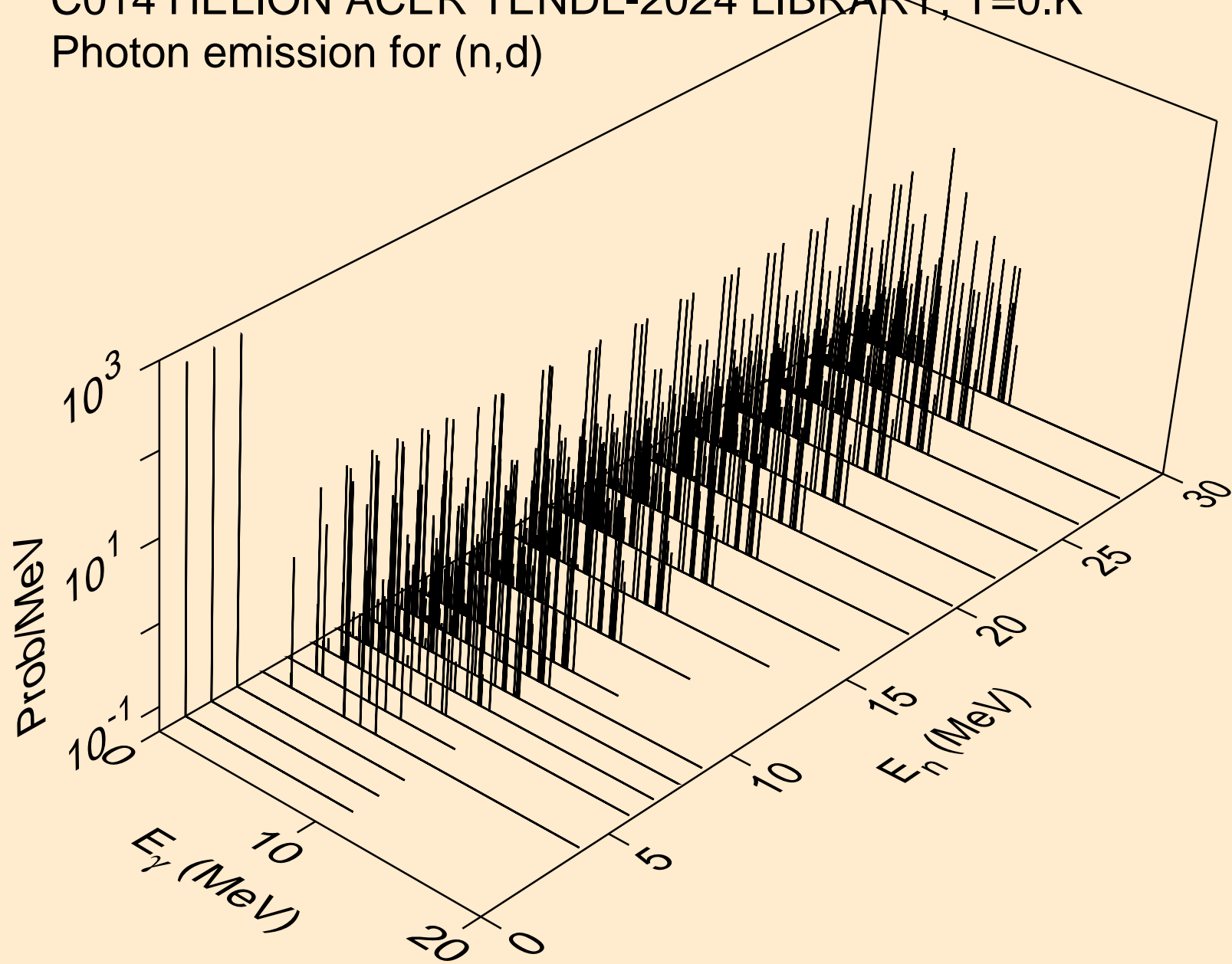
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



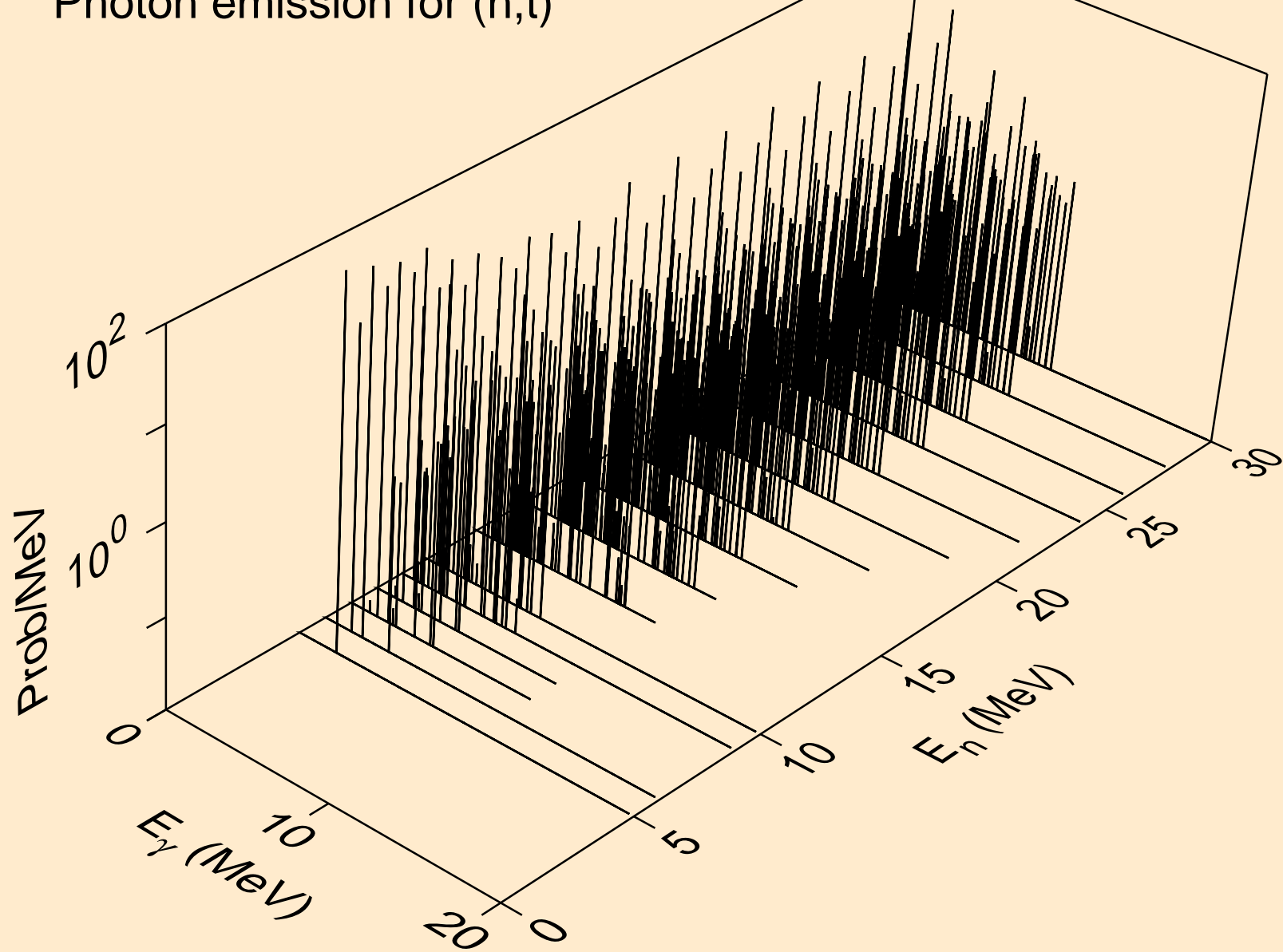
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



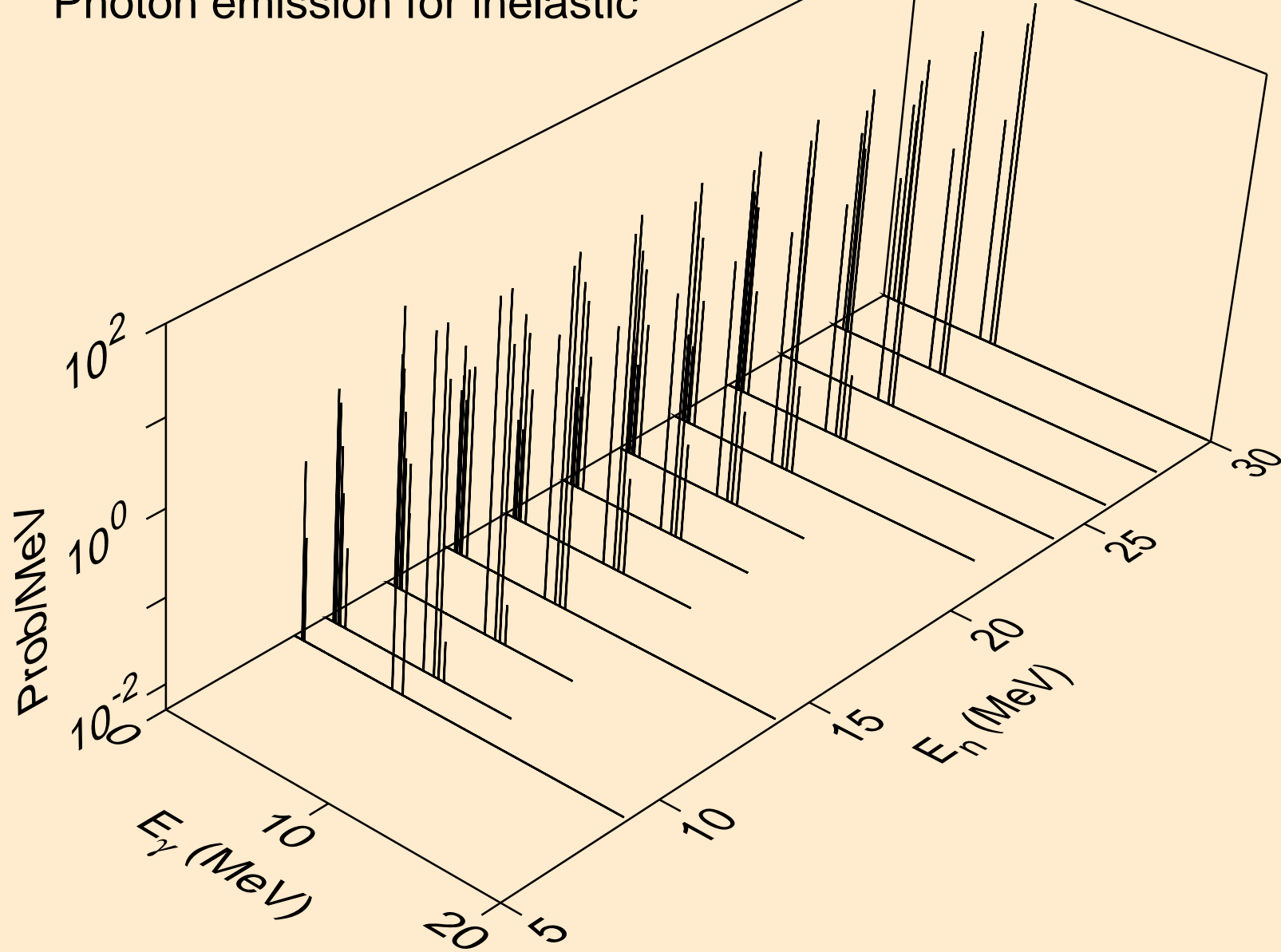
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



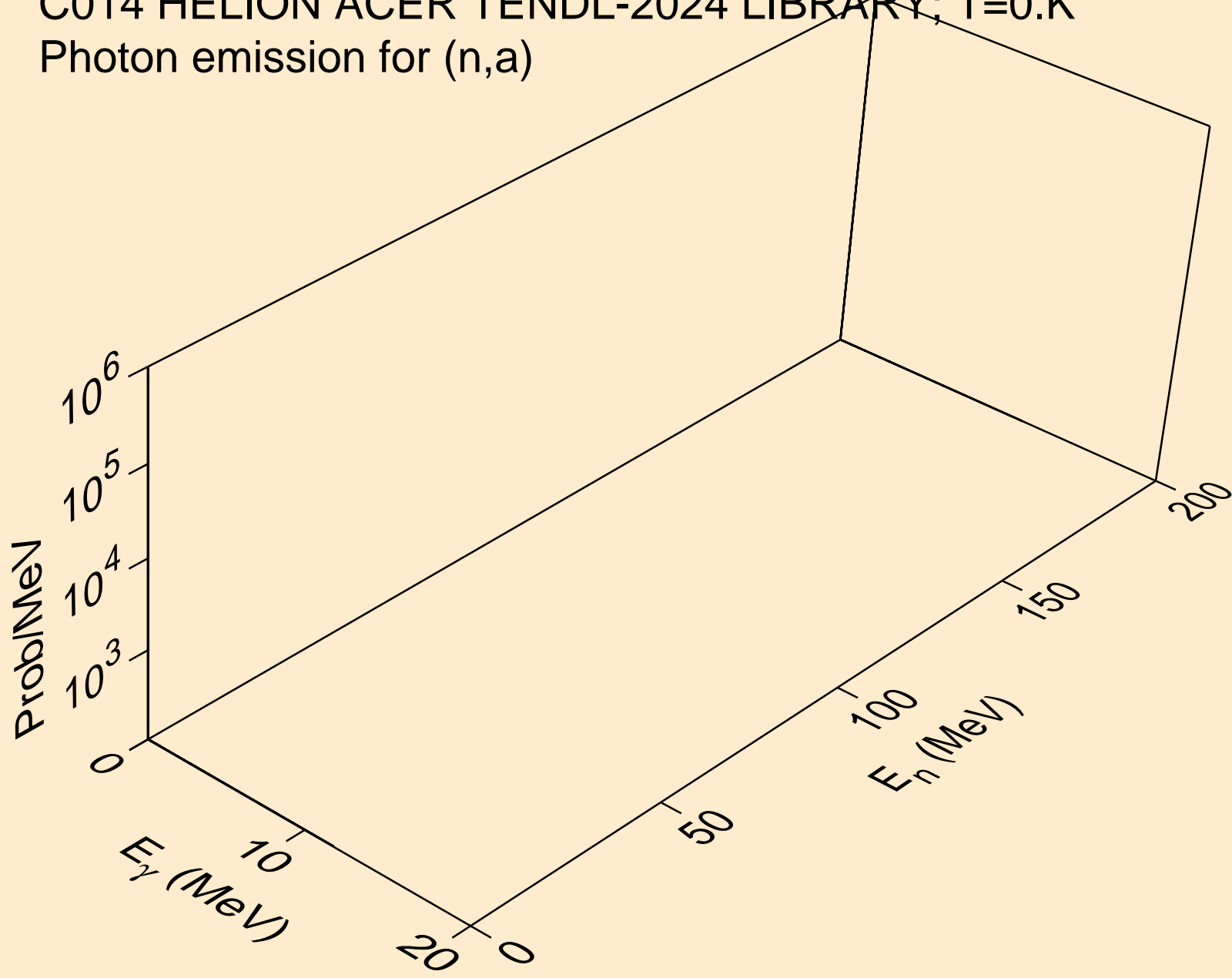
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



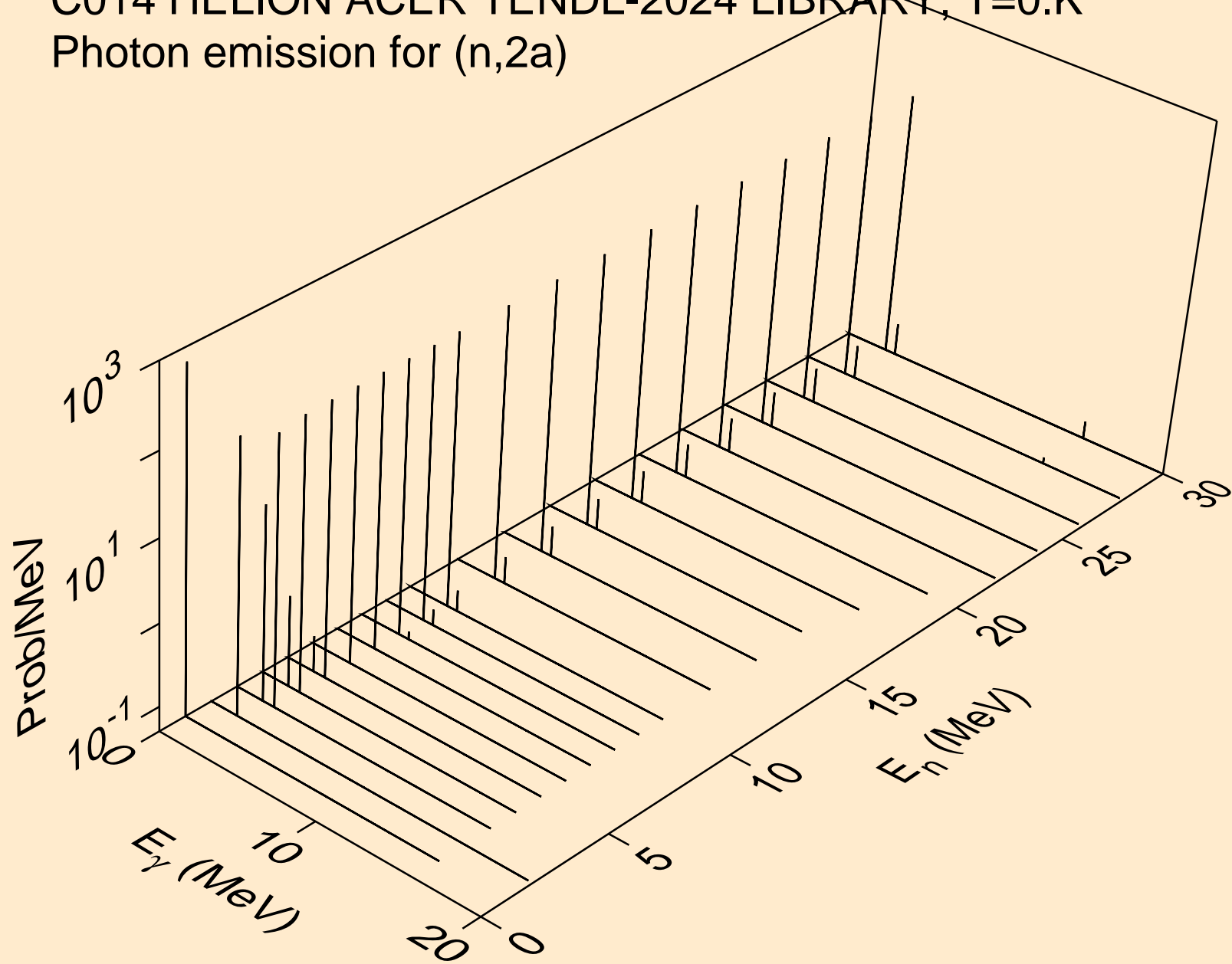
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic



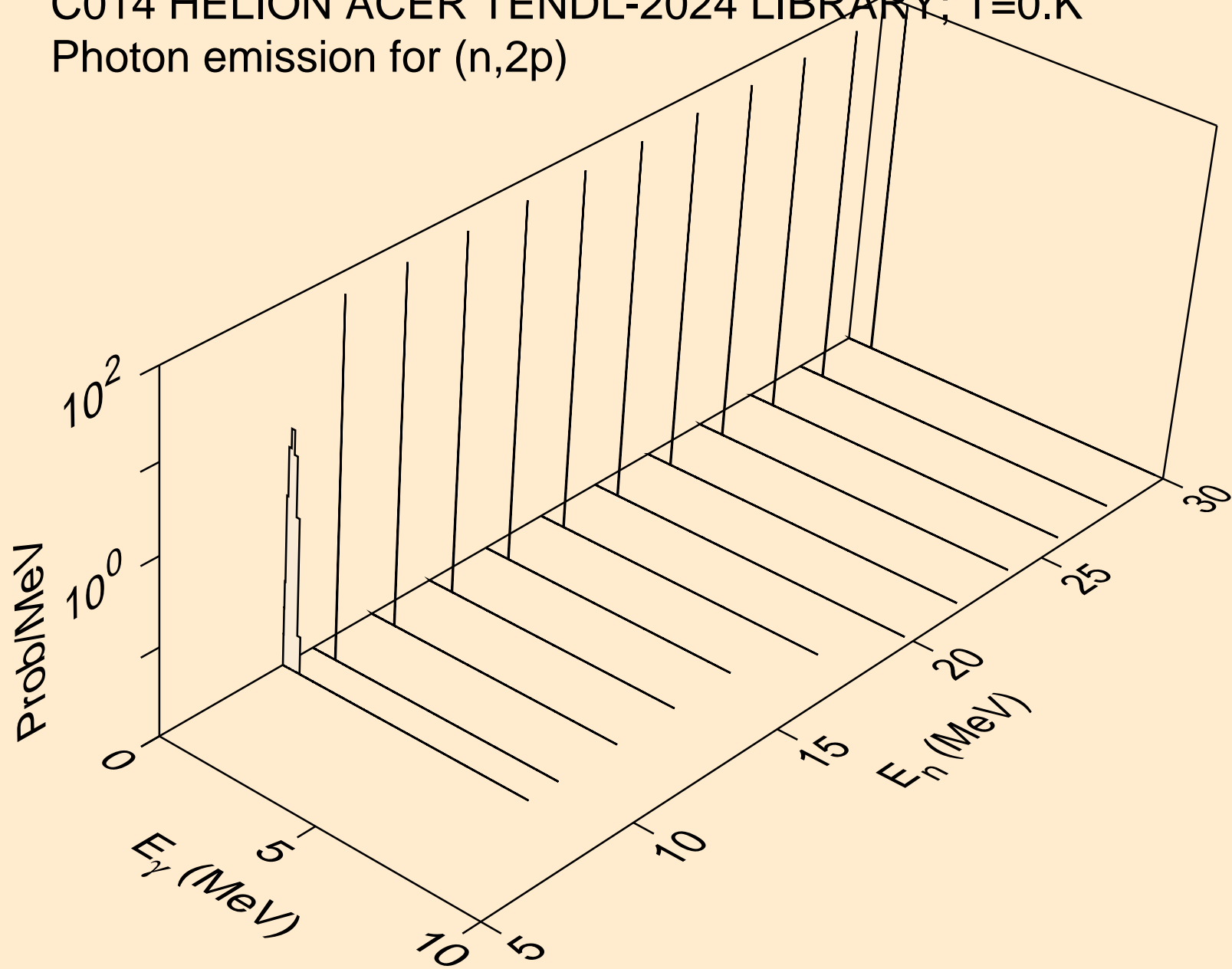
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



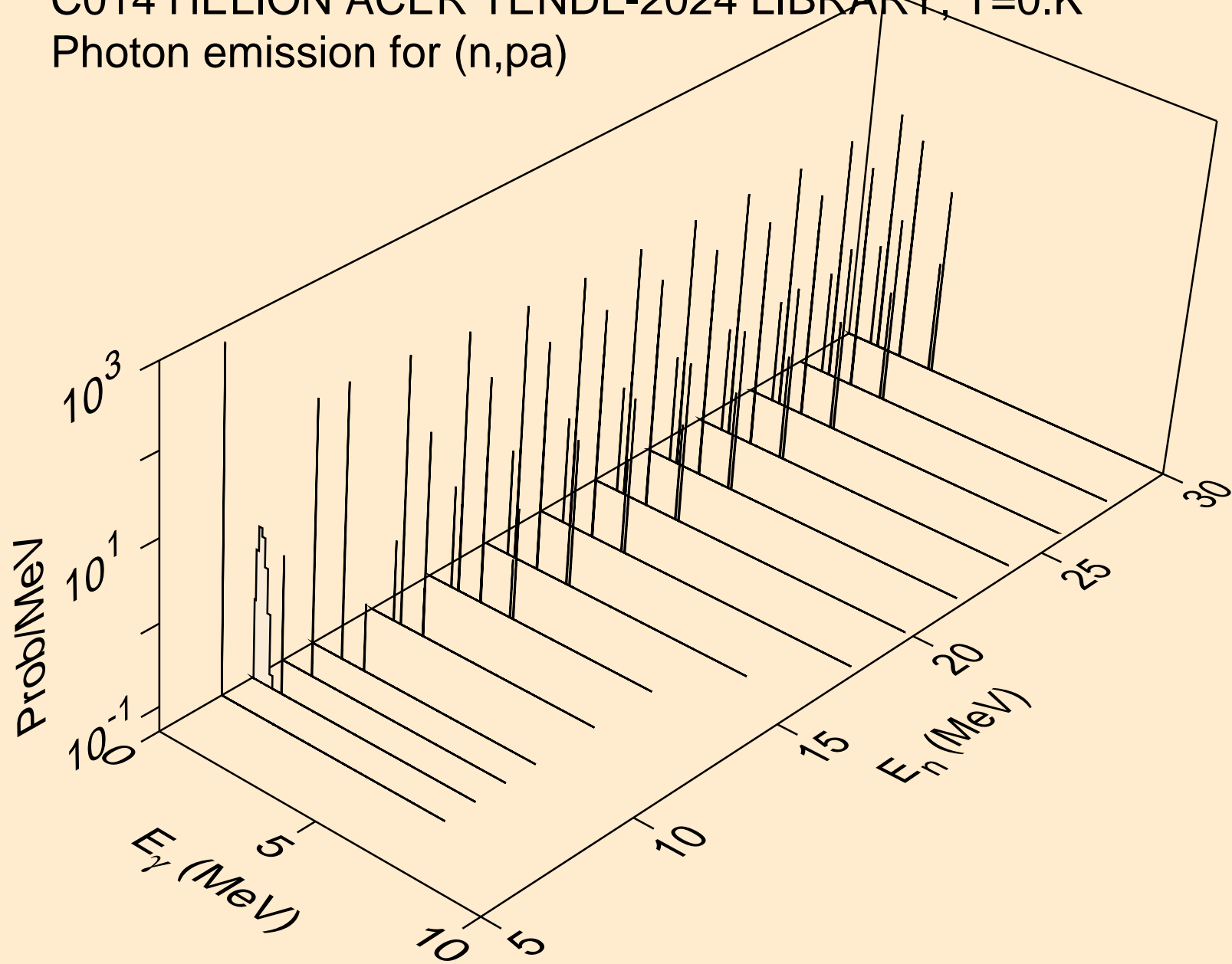
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



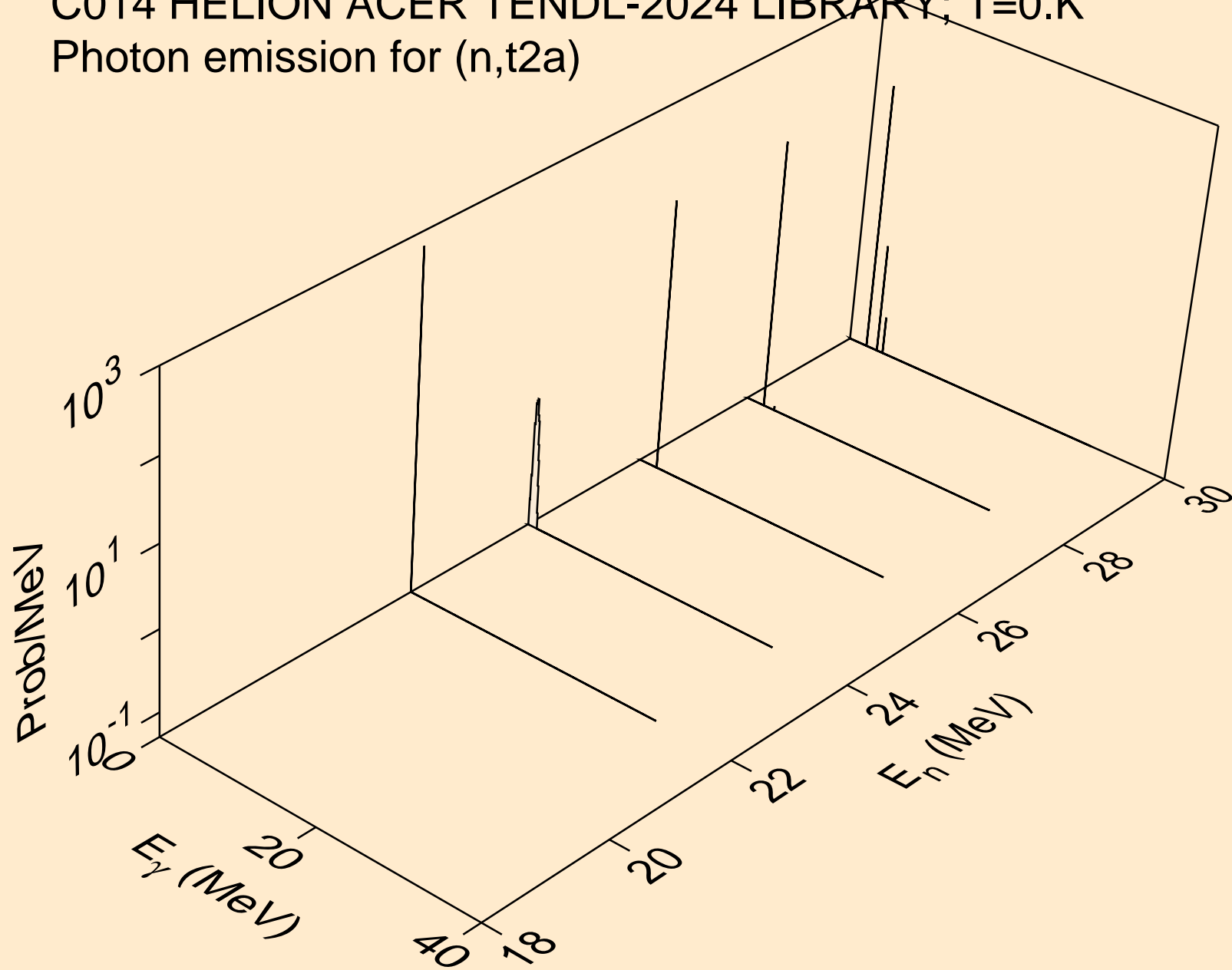
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



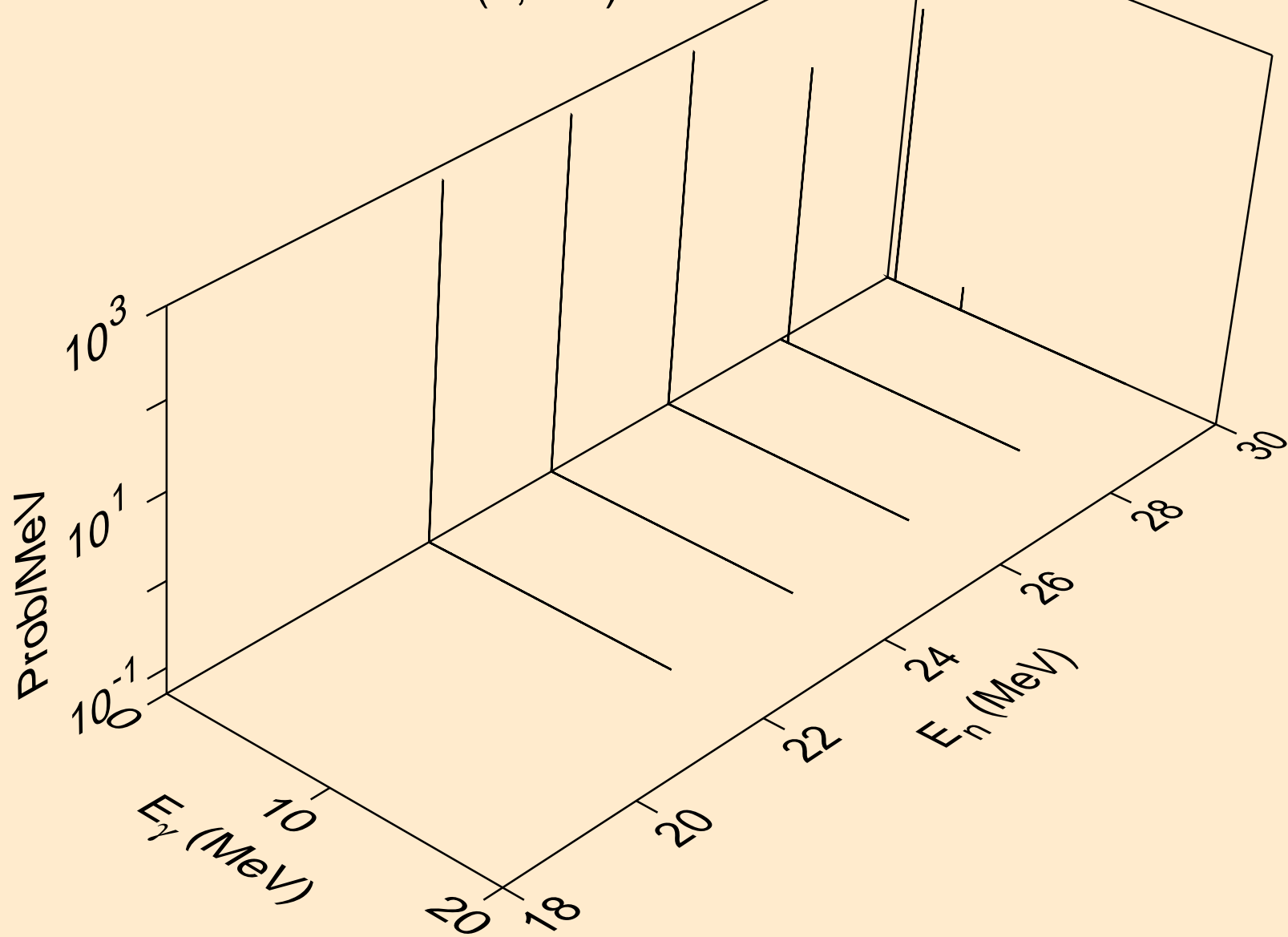
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



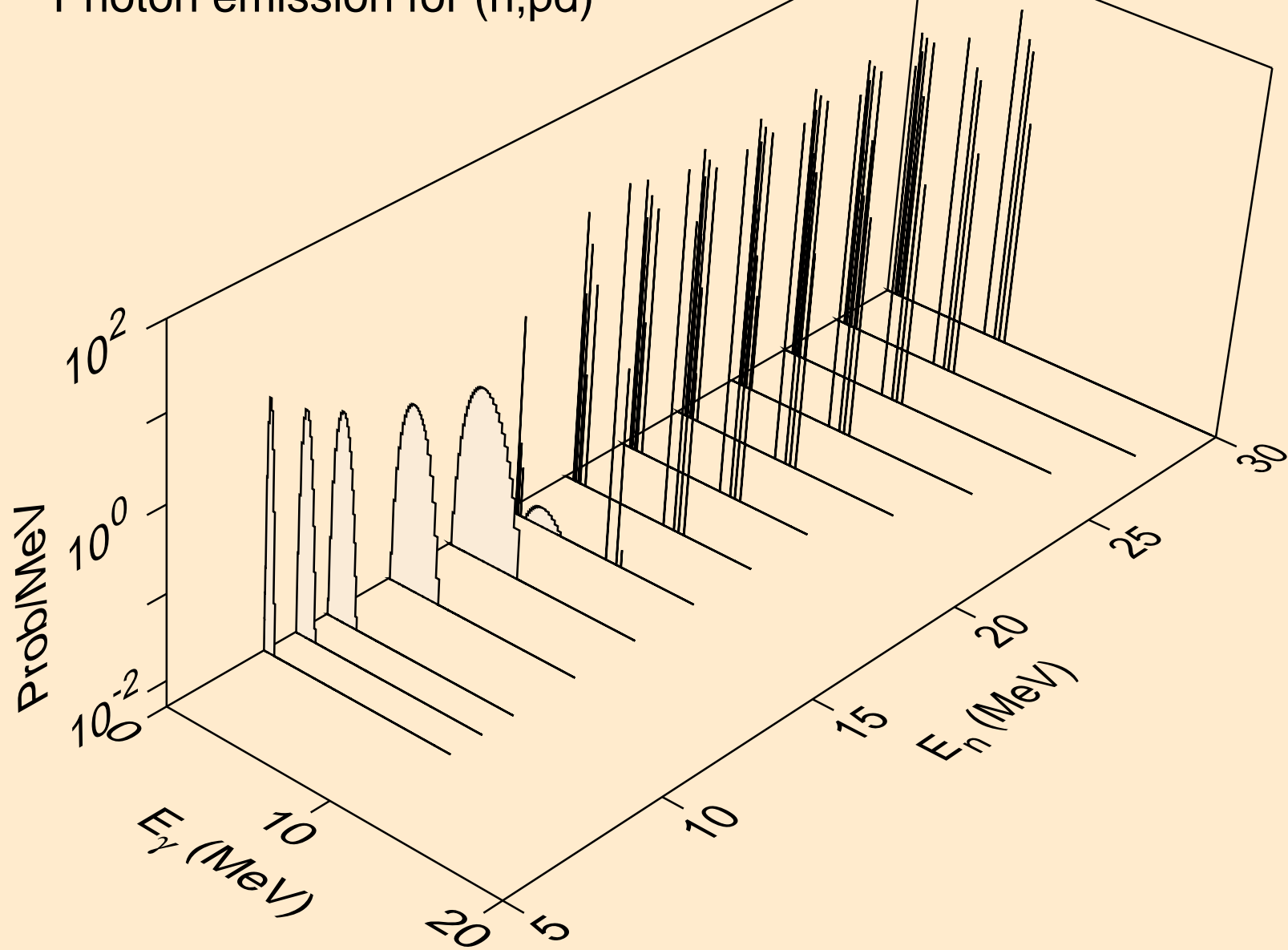
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t2a)



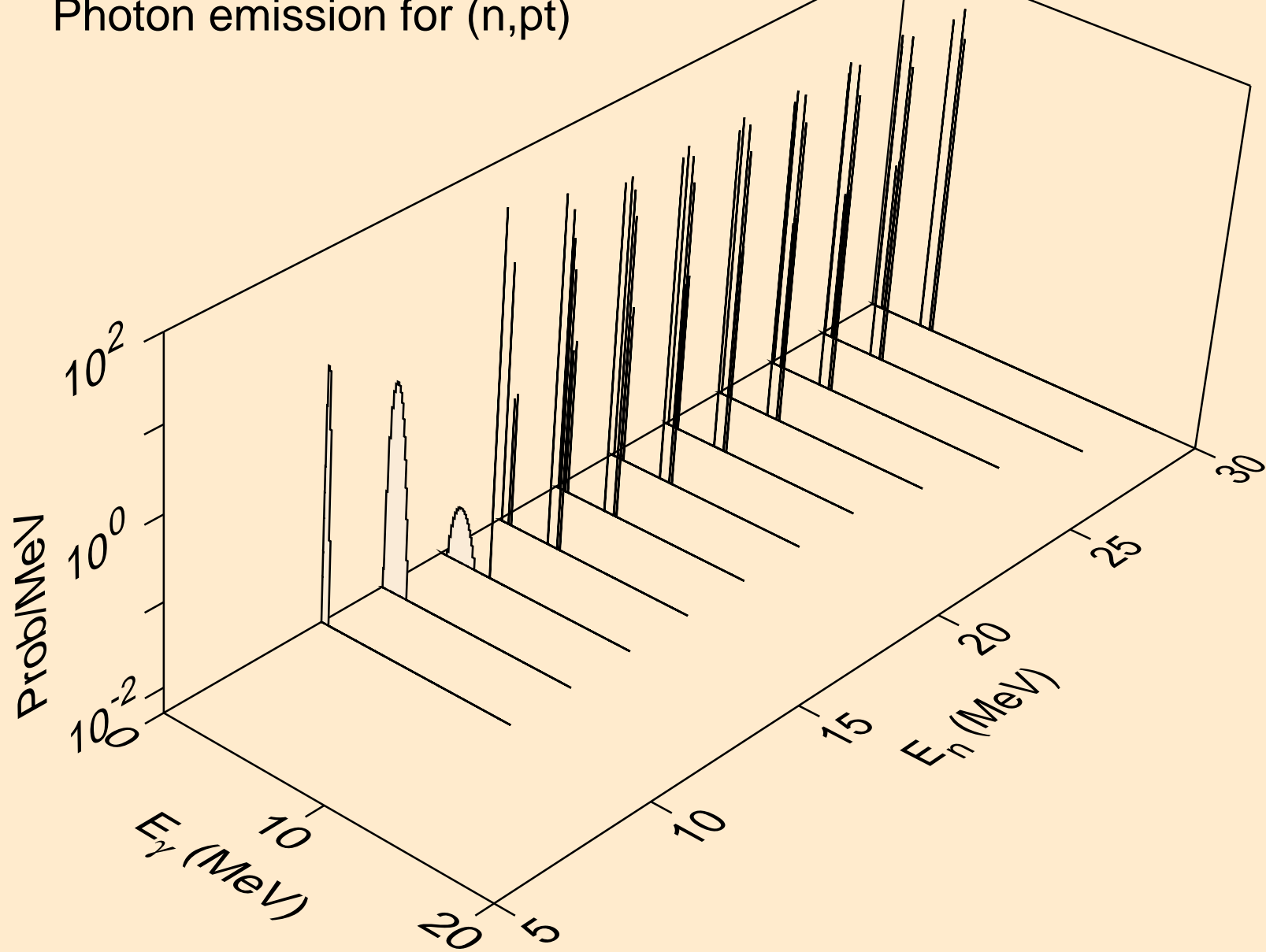
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d2a)



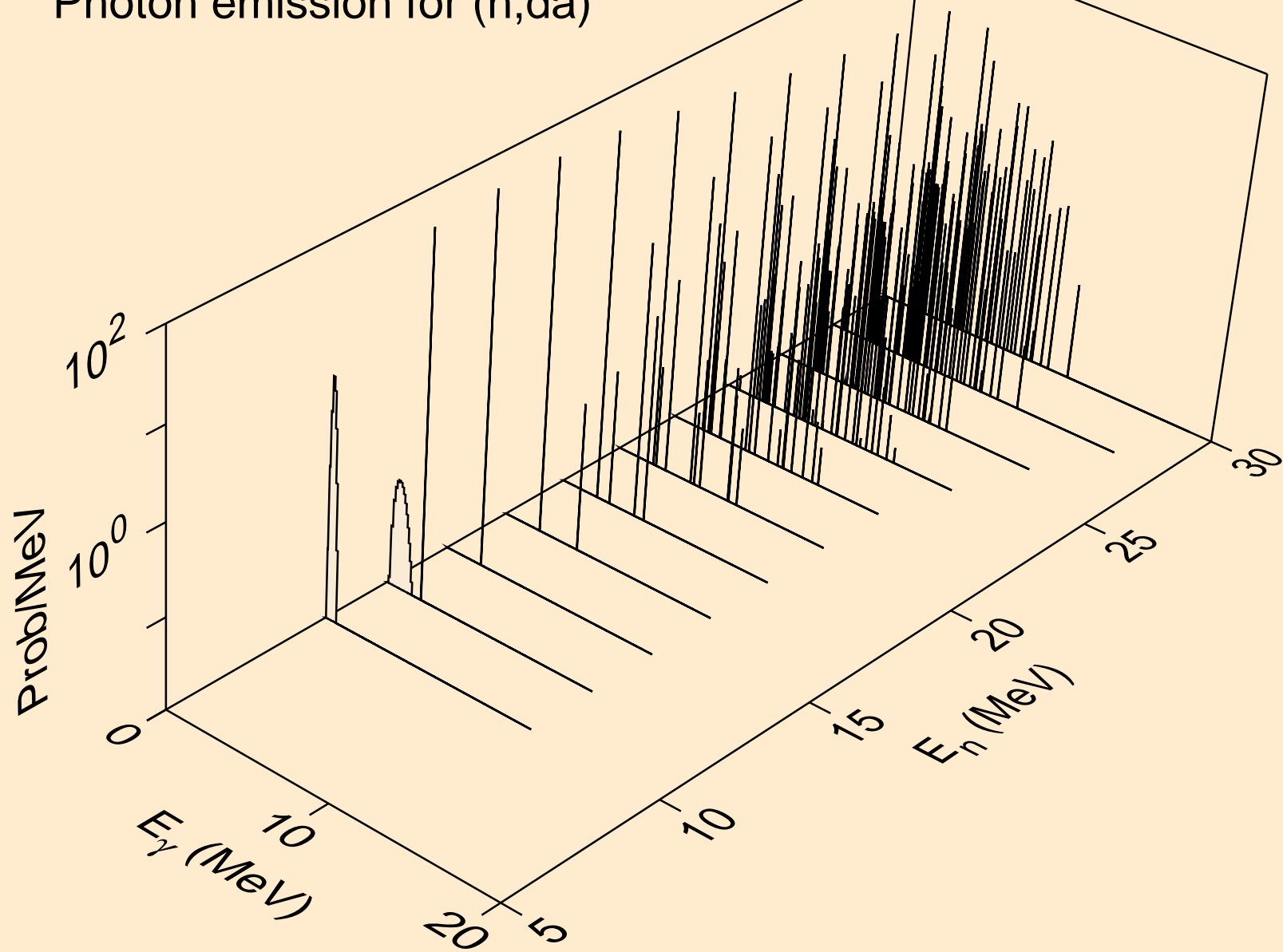
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)

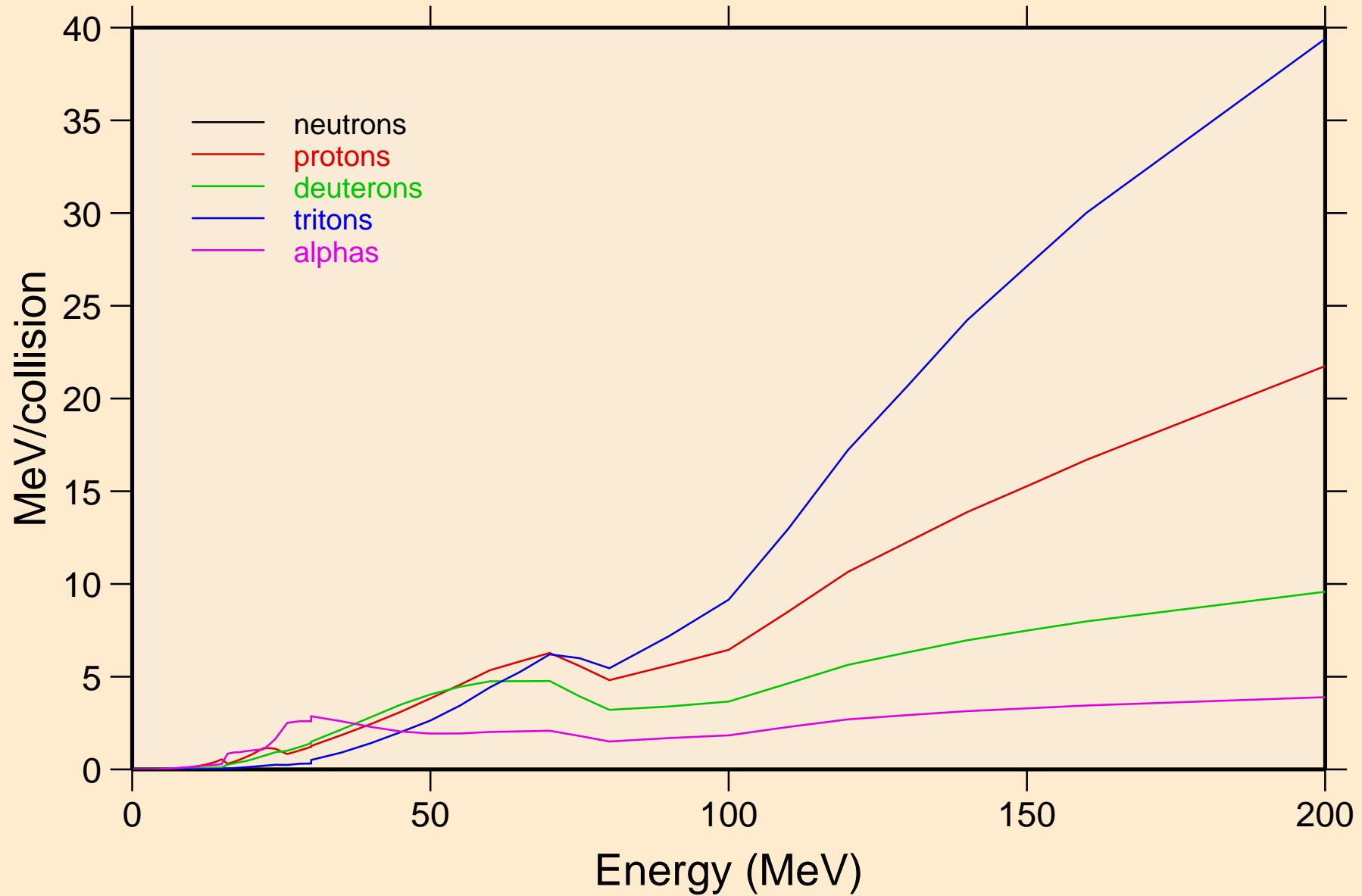


C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)

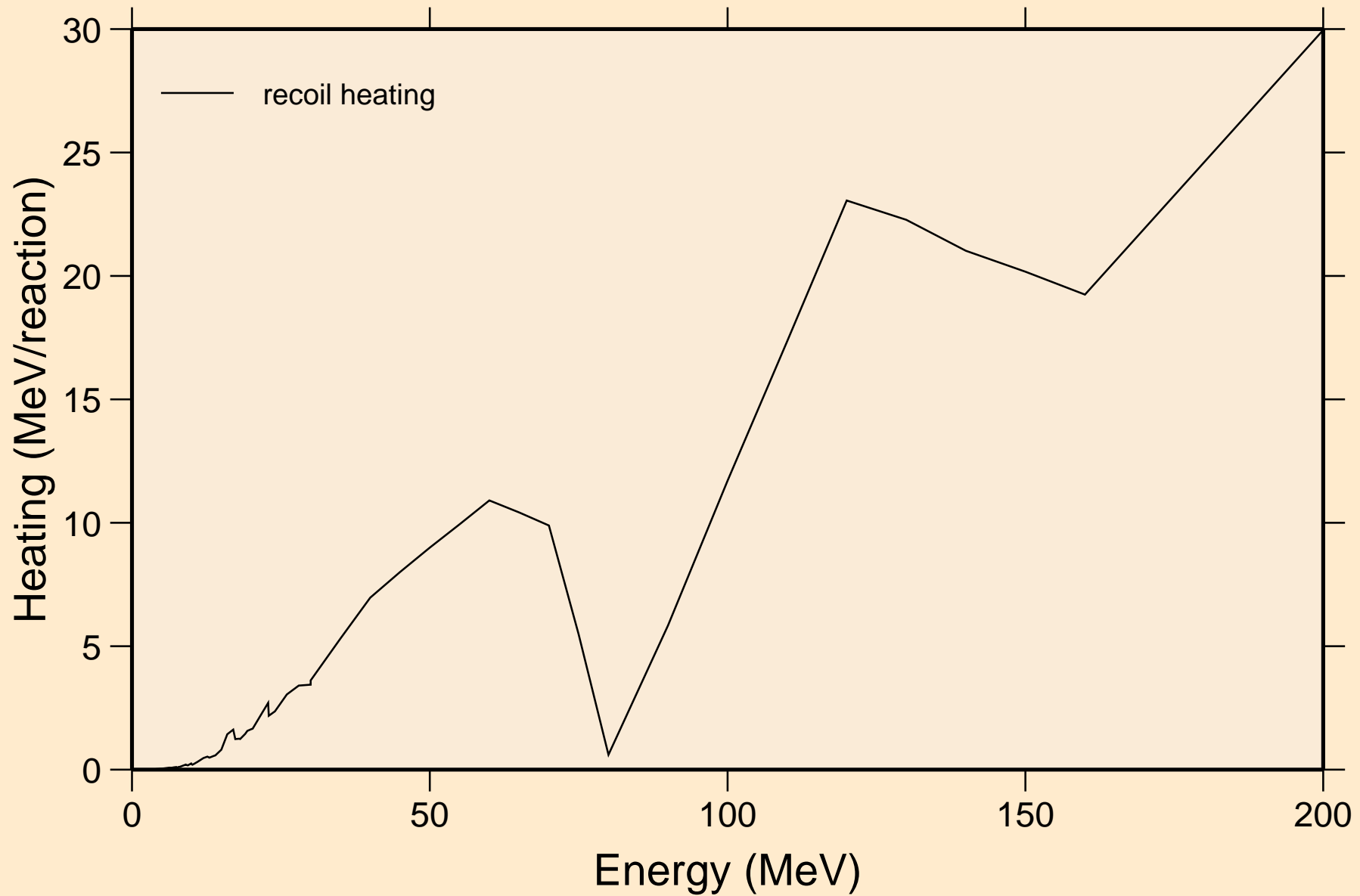


# C014 HELION ACER TENDL-2024 LIBRARY; T=0.K

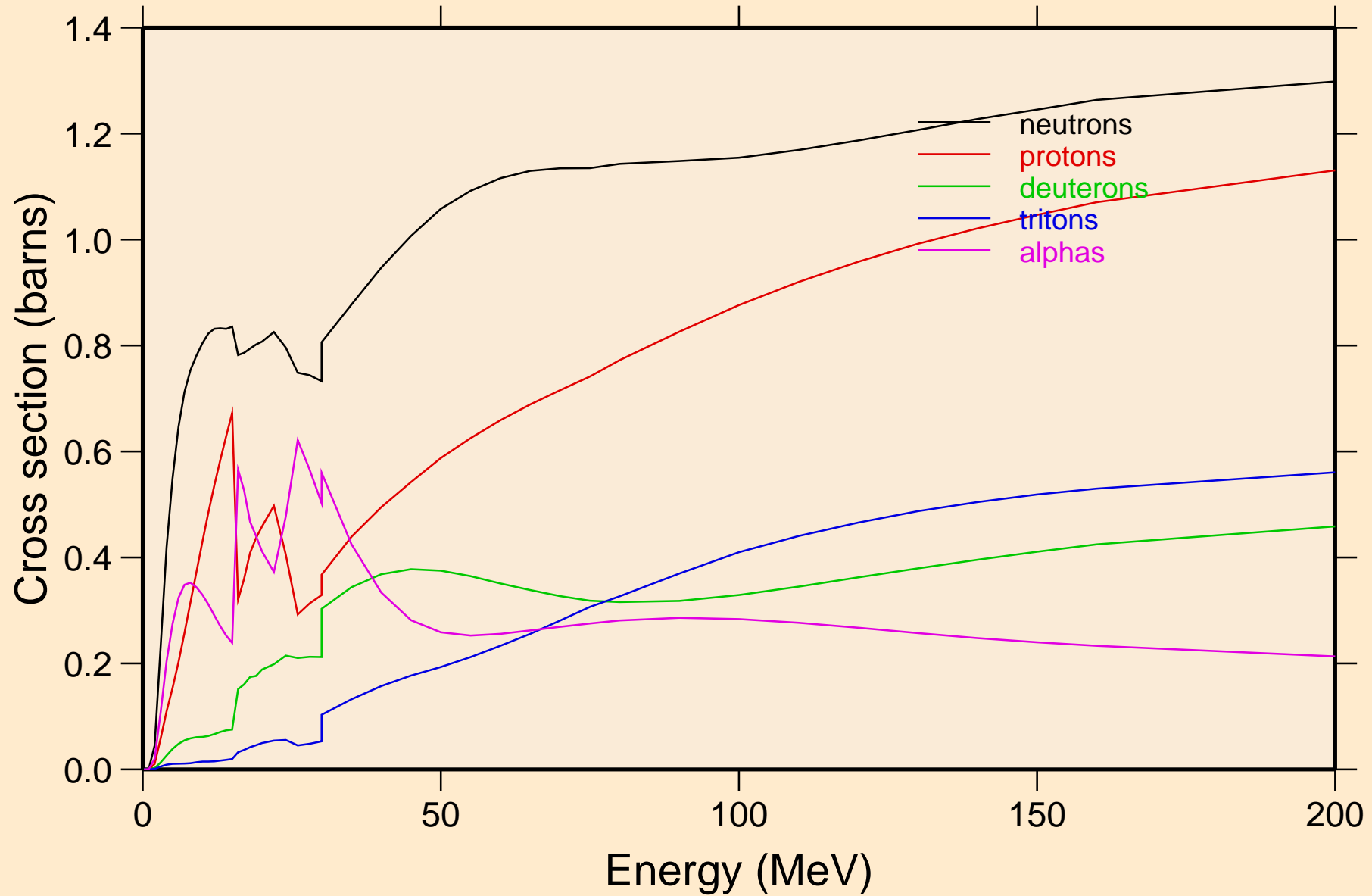
## Particle heating contributions



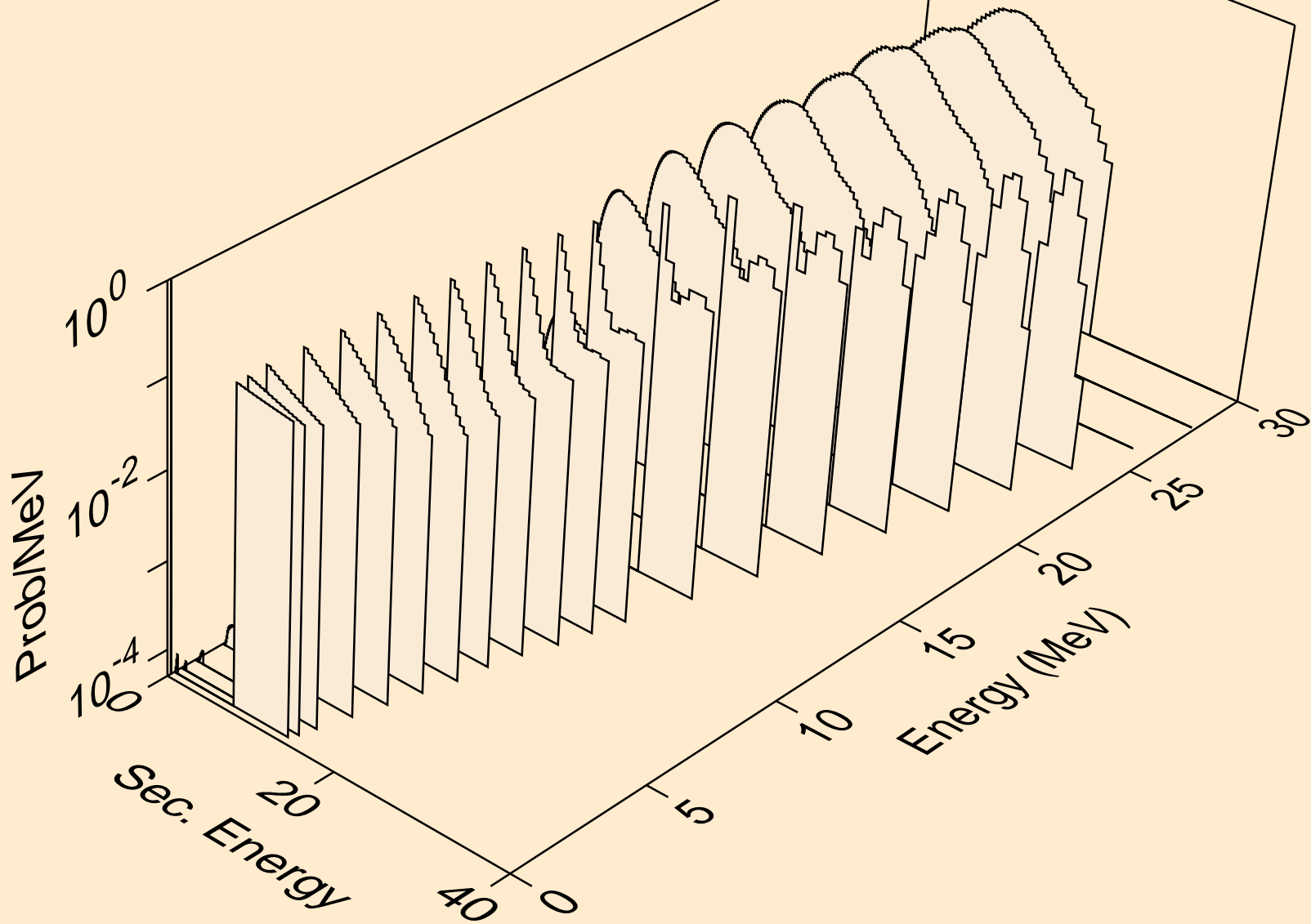
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating



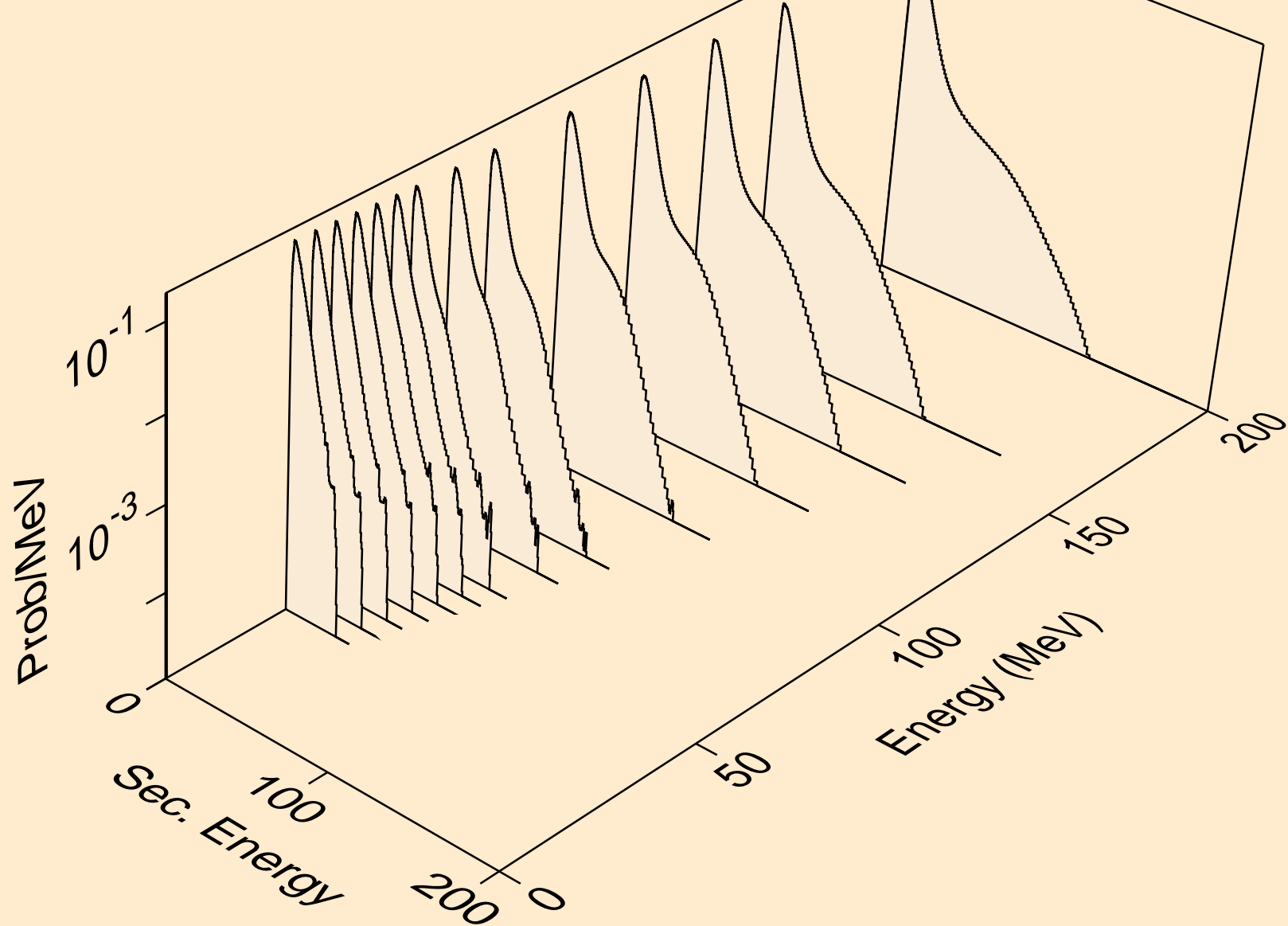
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



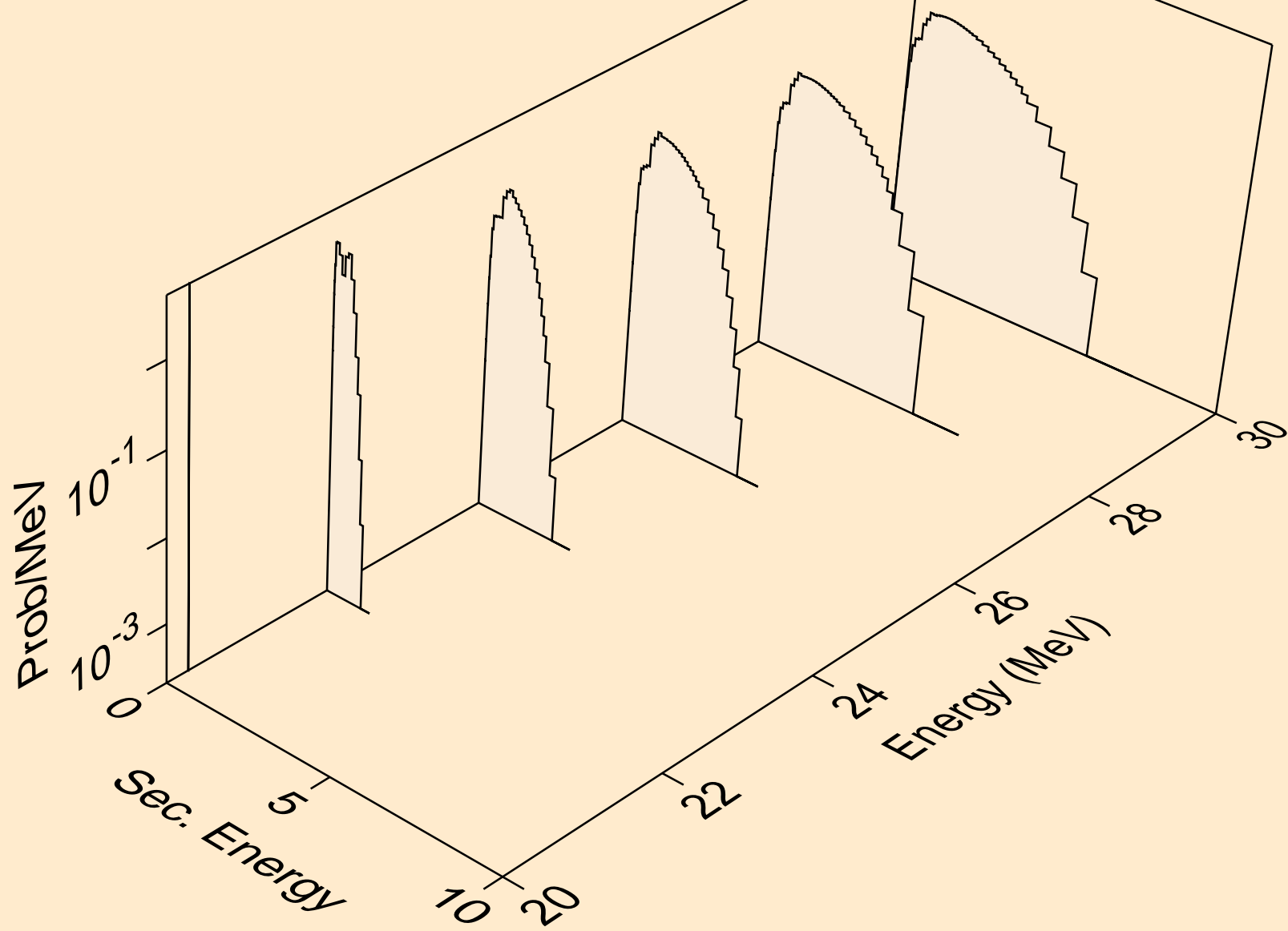
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n)



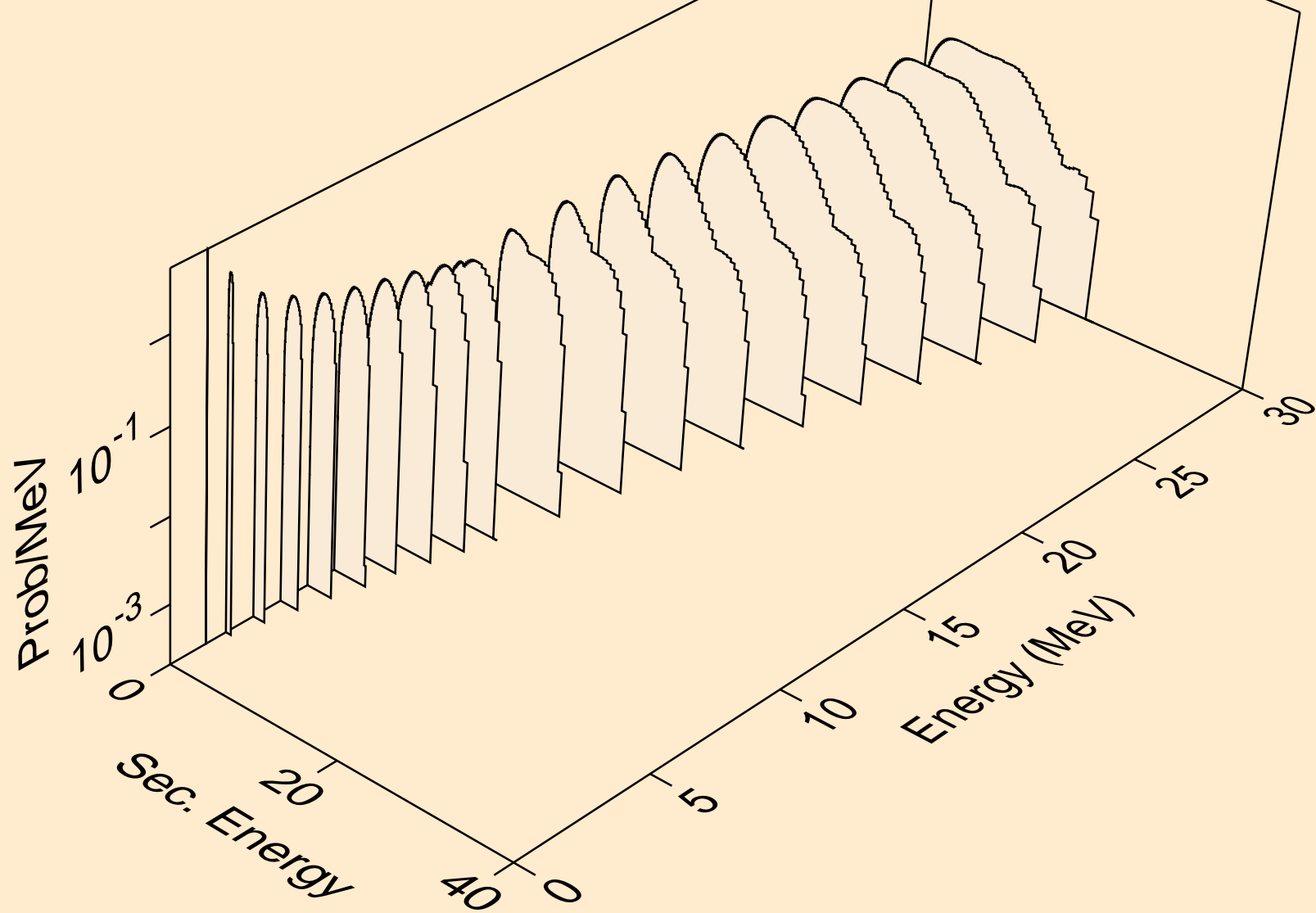
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,x)



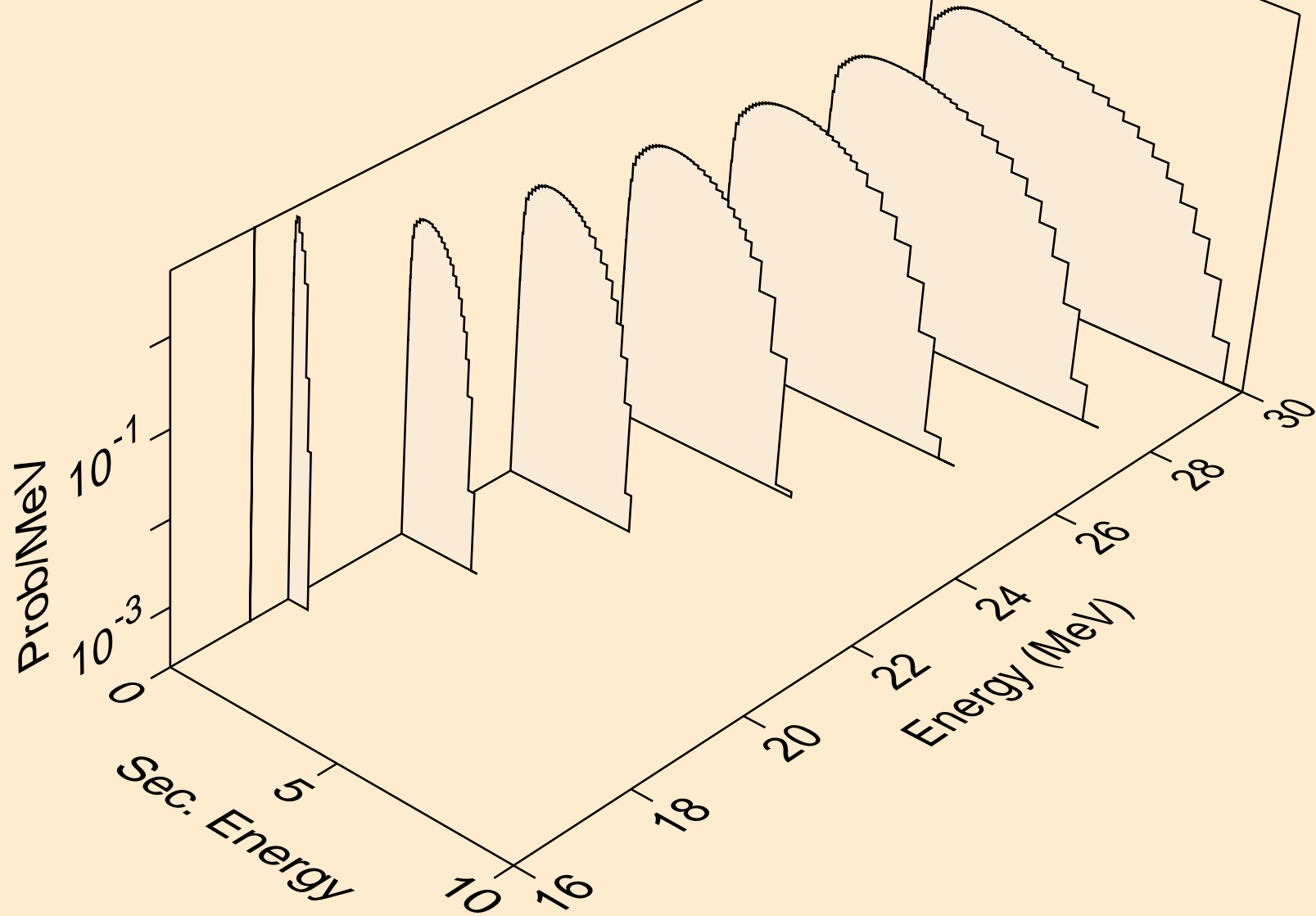
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2nd)



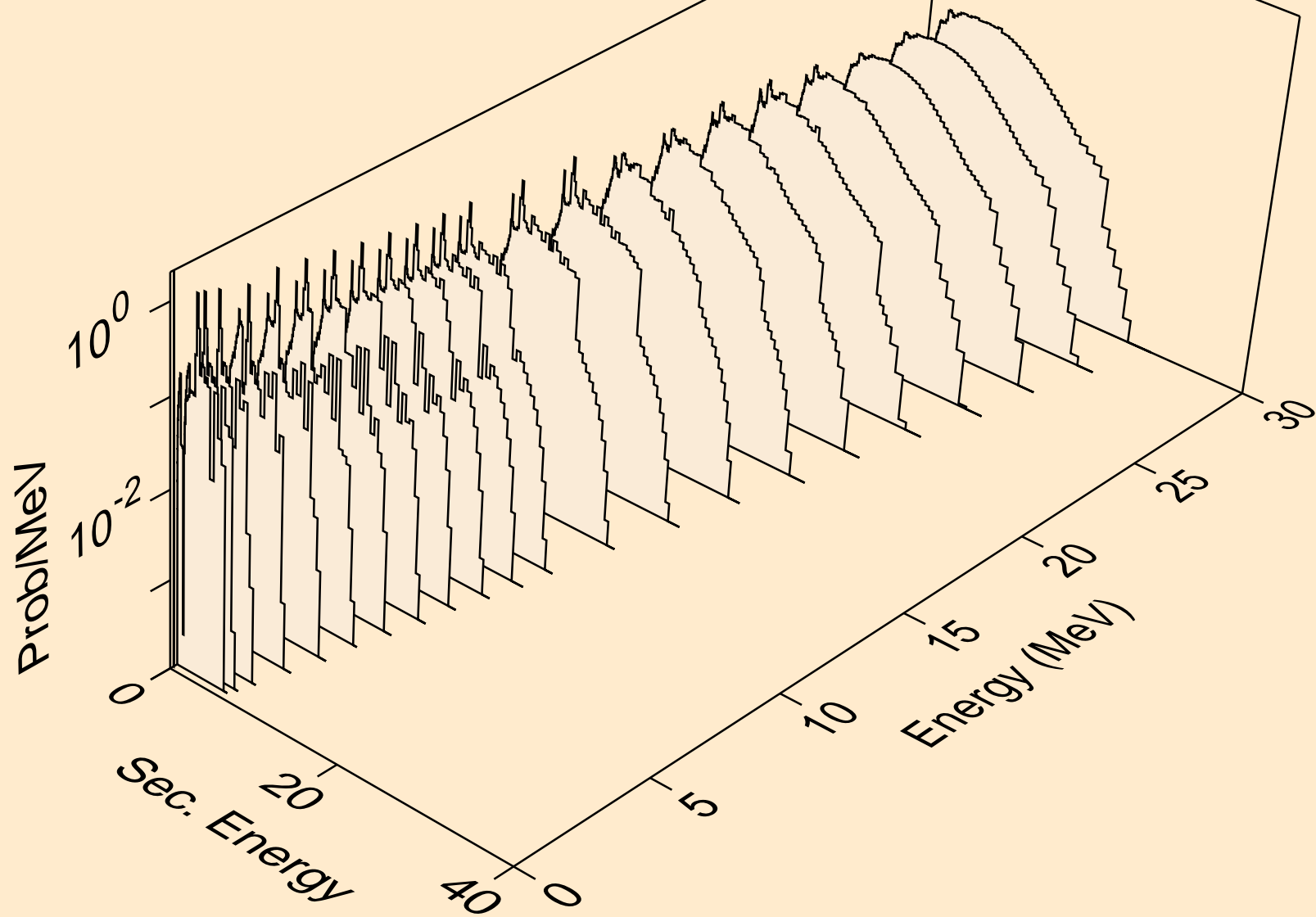
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2n)



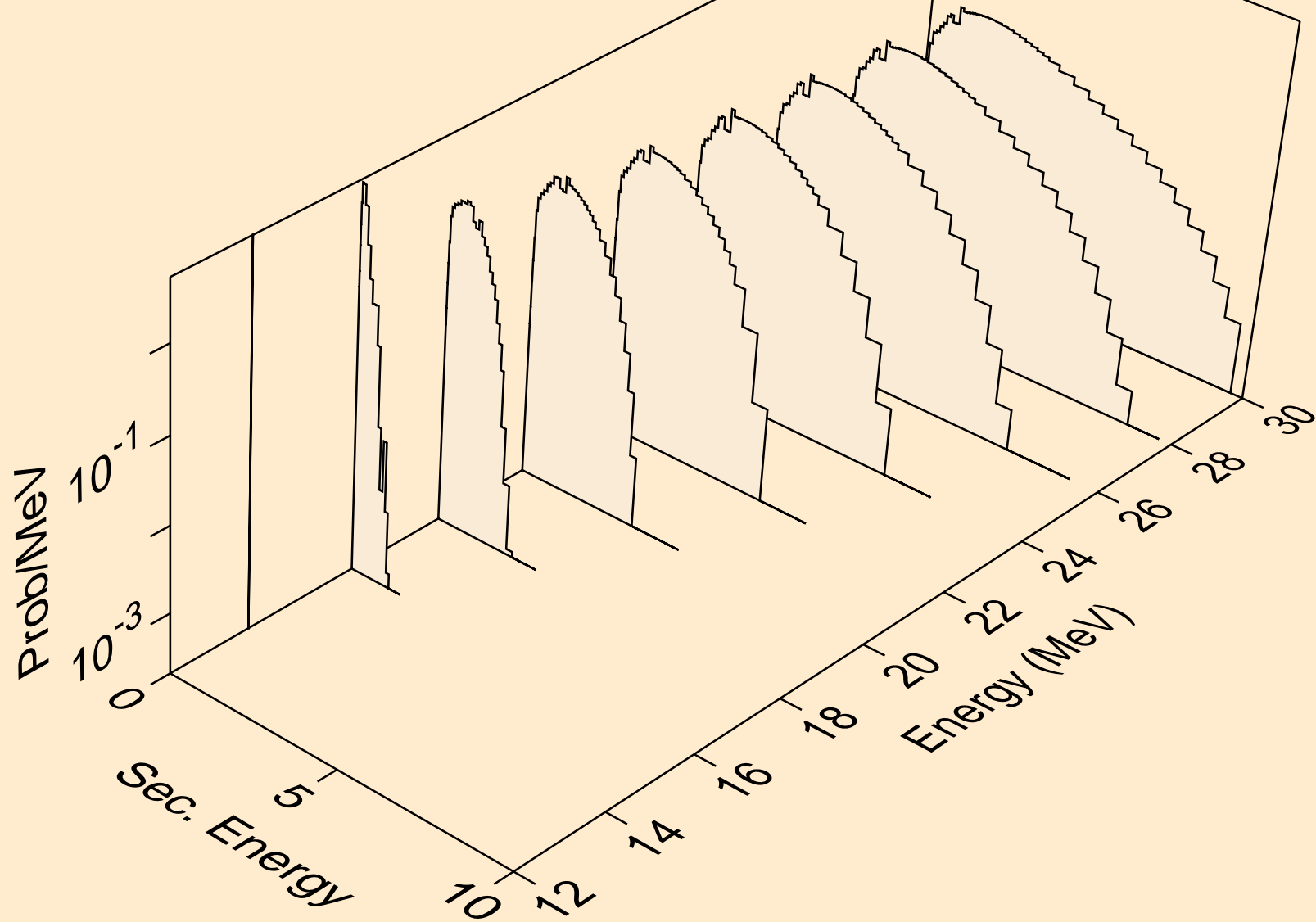
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,3n)



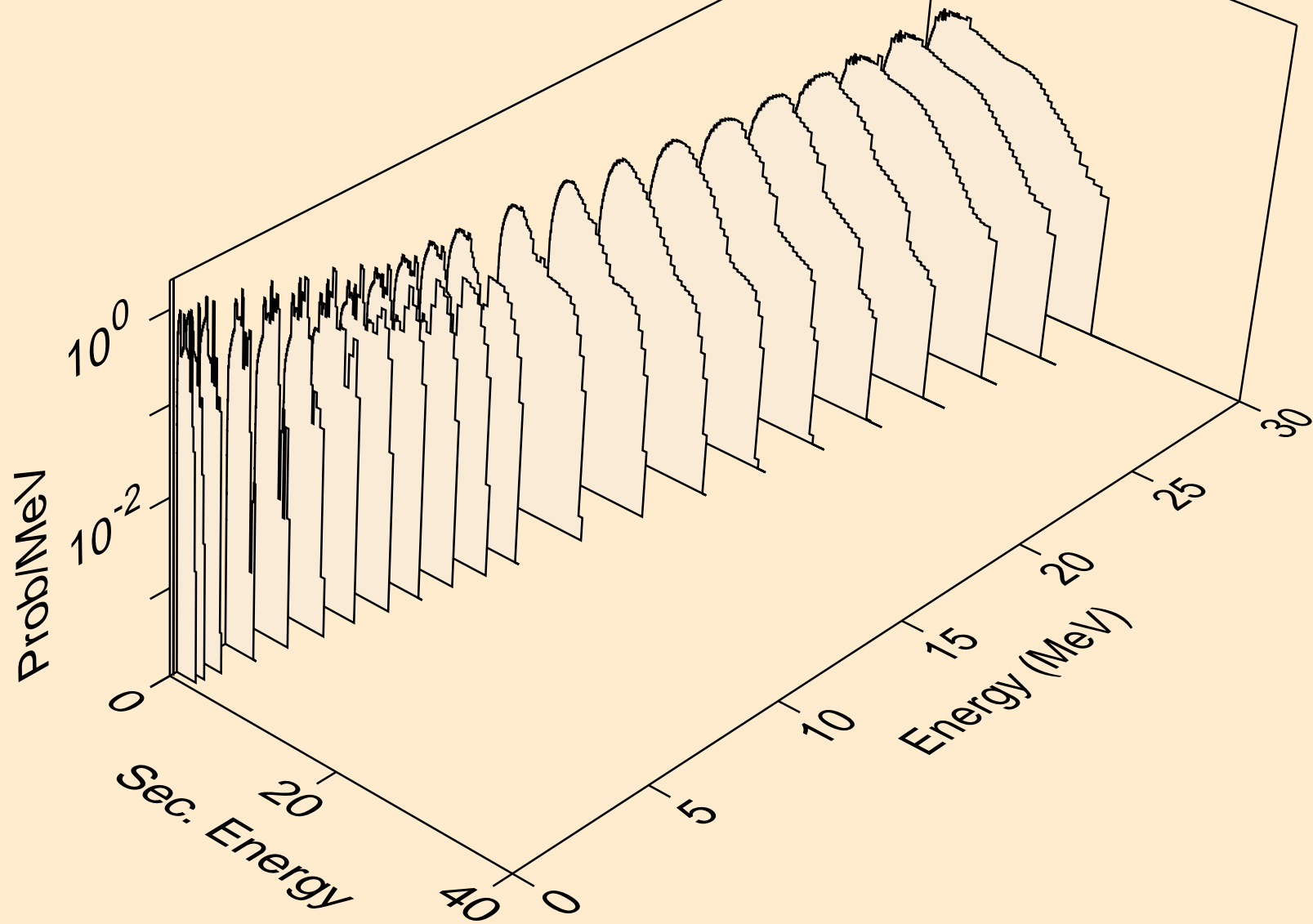
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)a



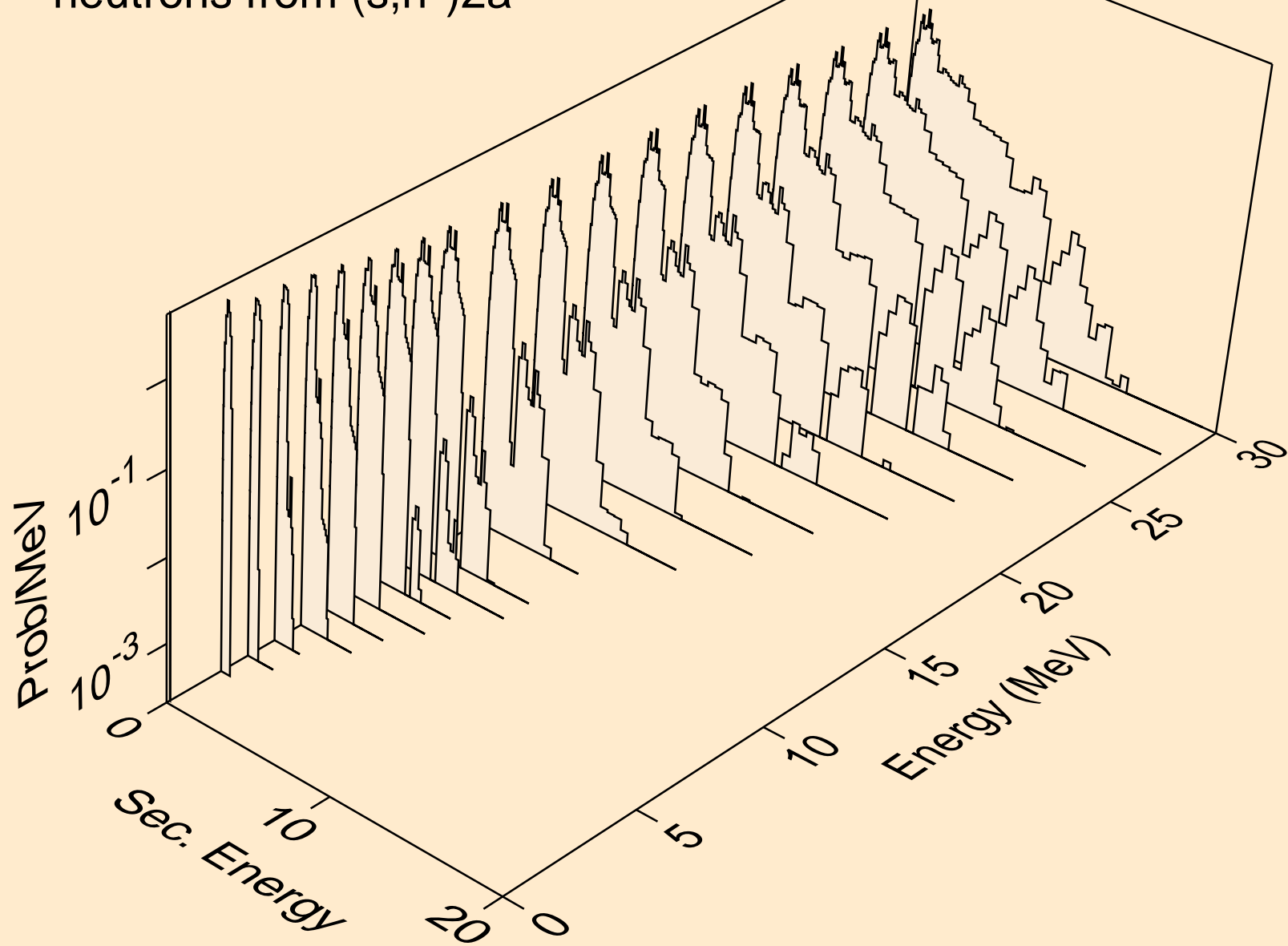
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2n)a



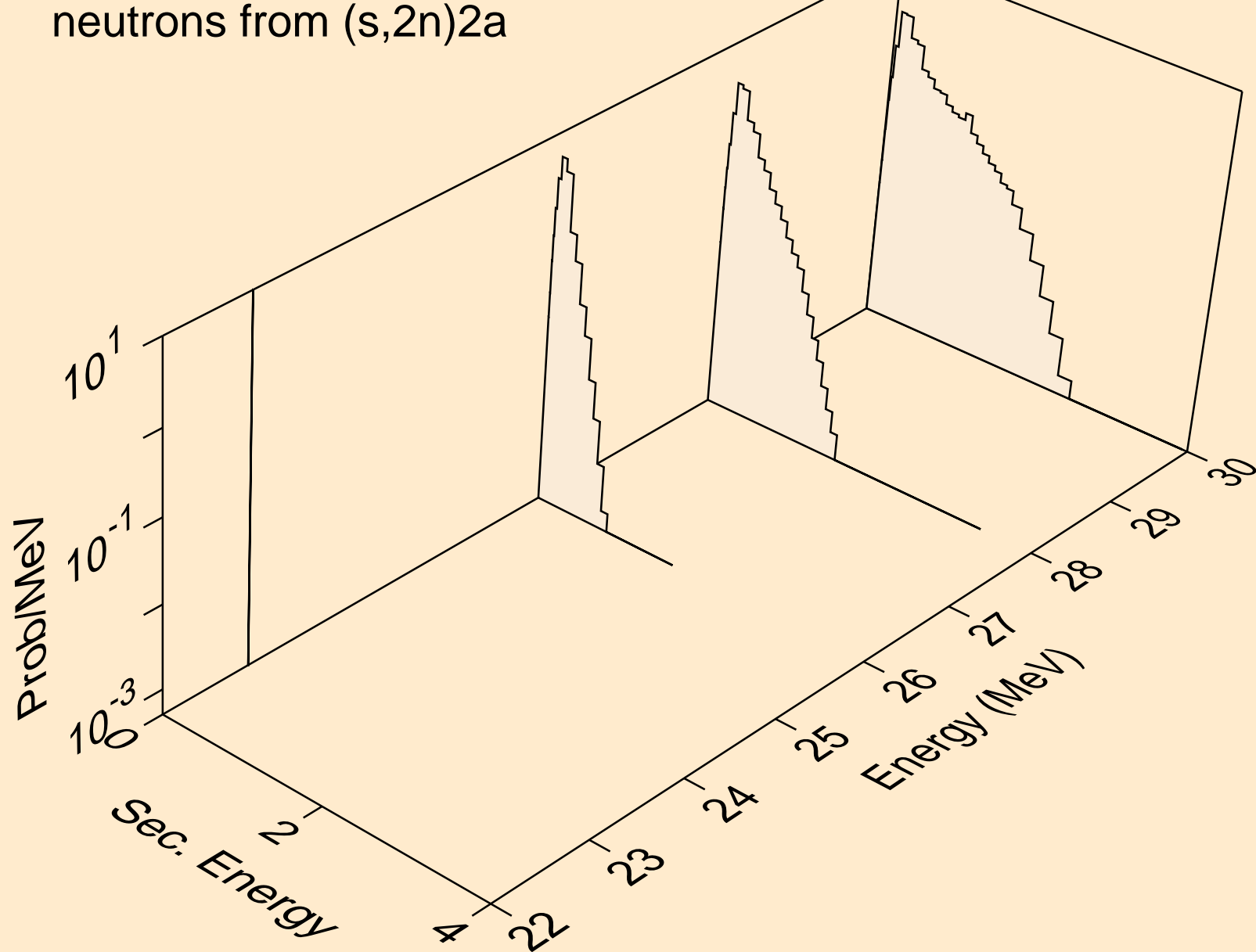
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)p



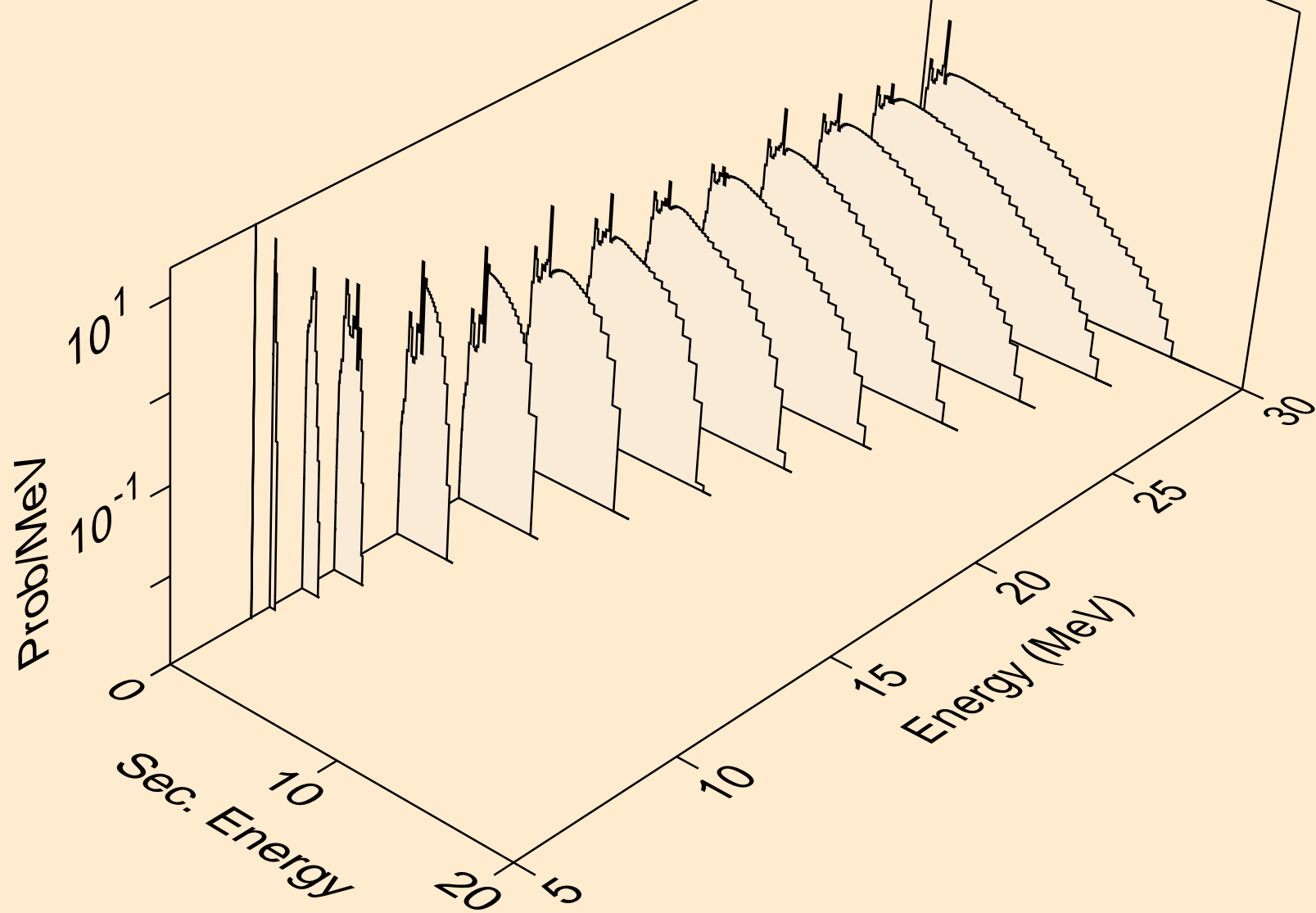
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)2a



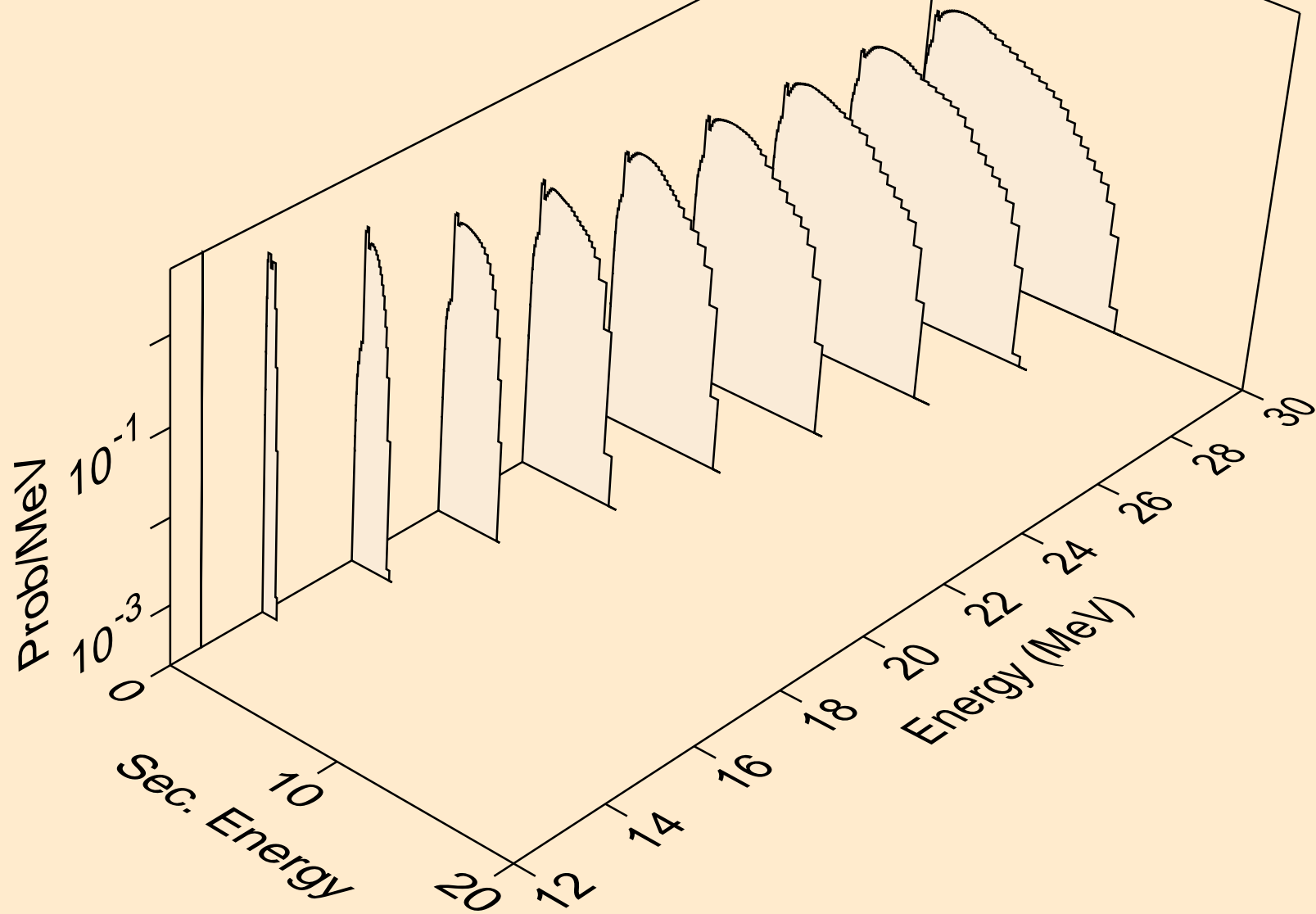
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2n)2a



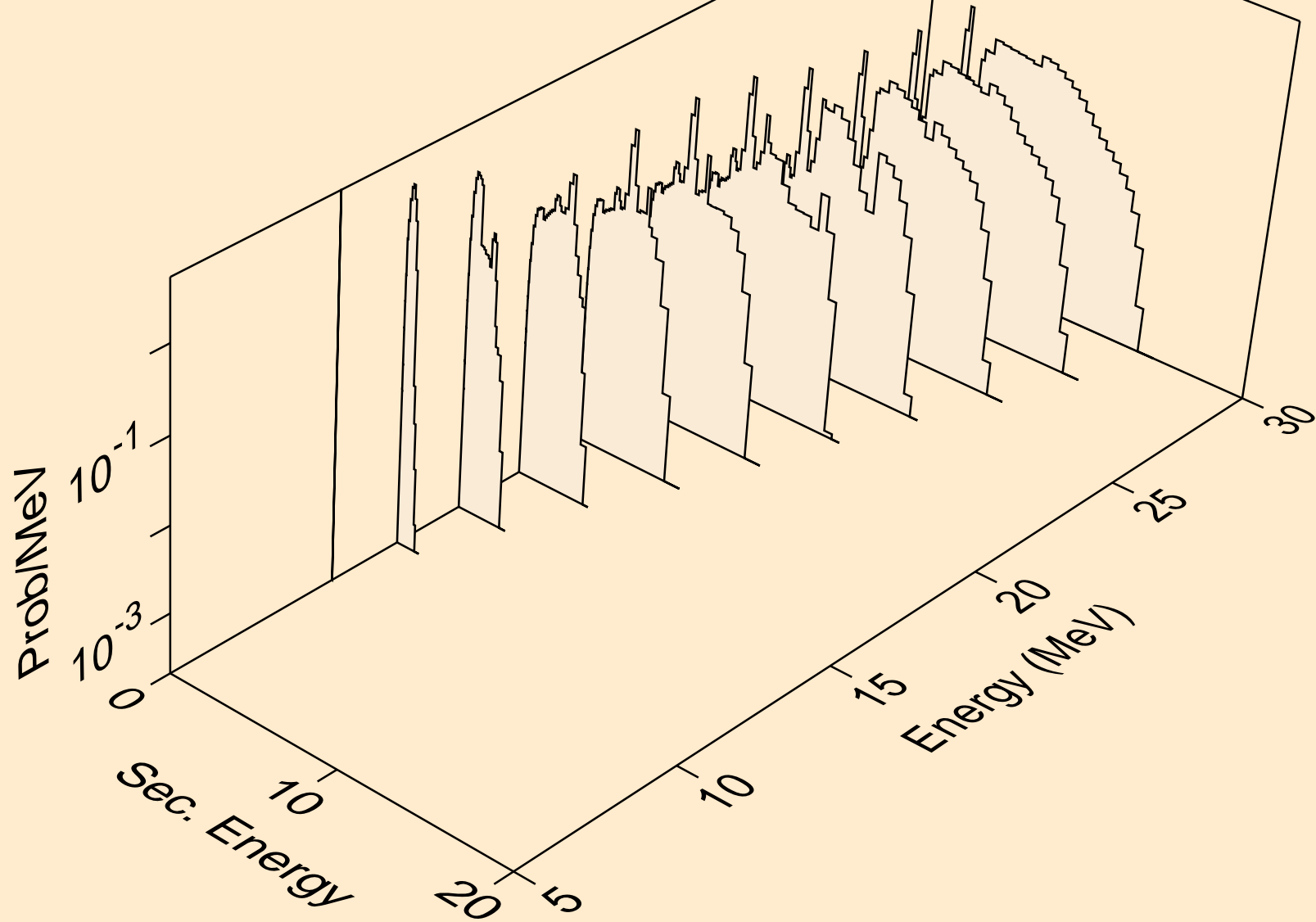
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)d



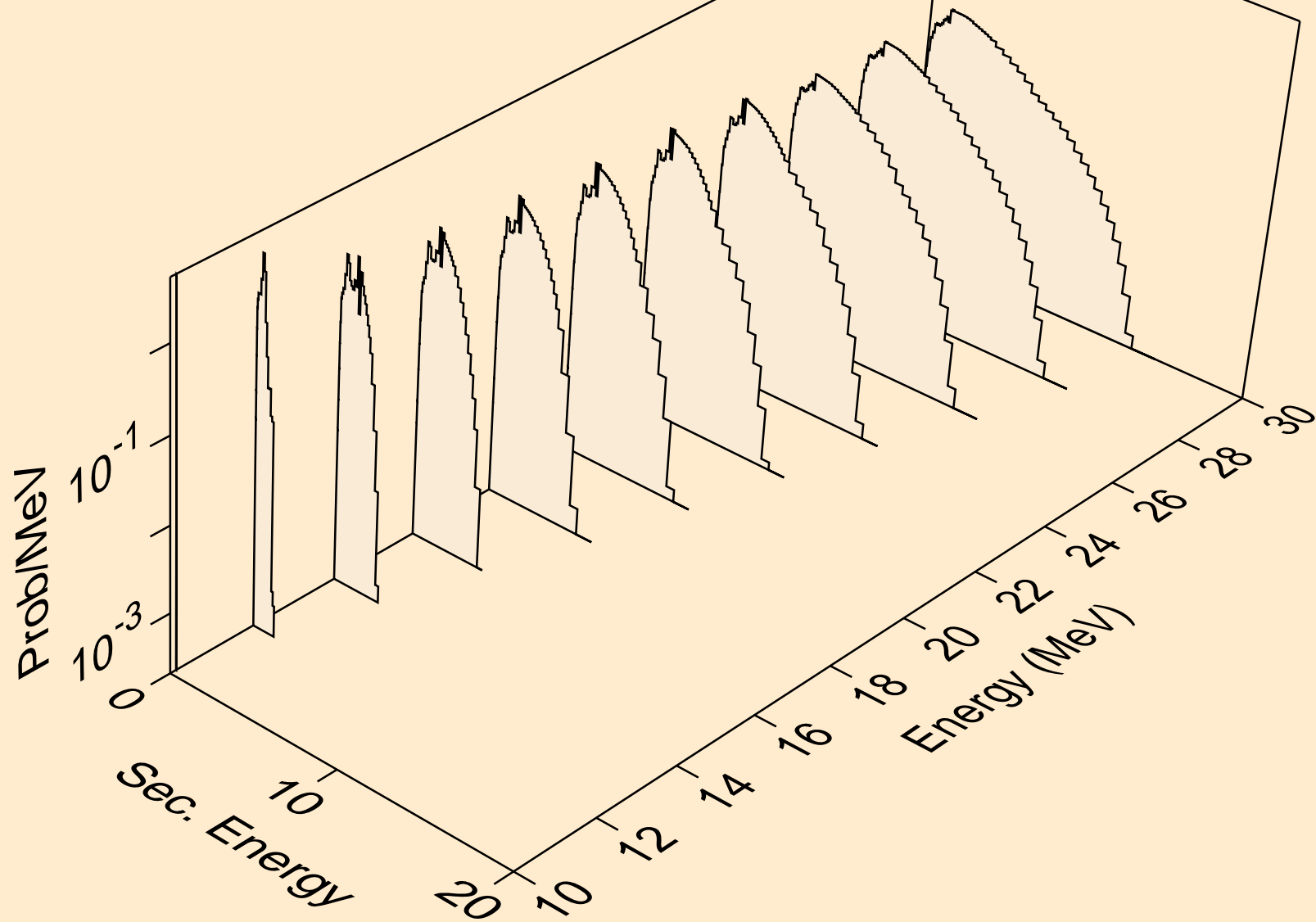
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)t



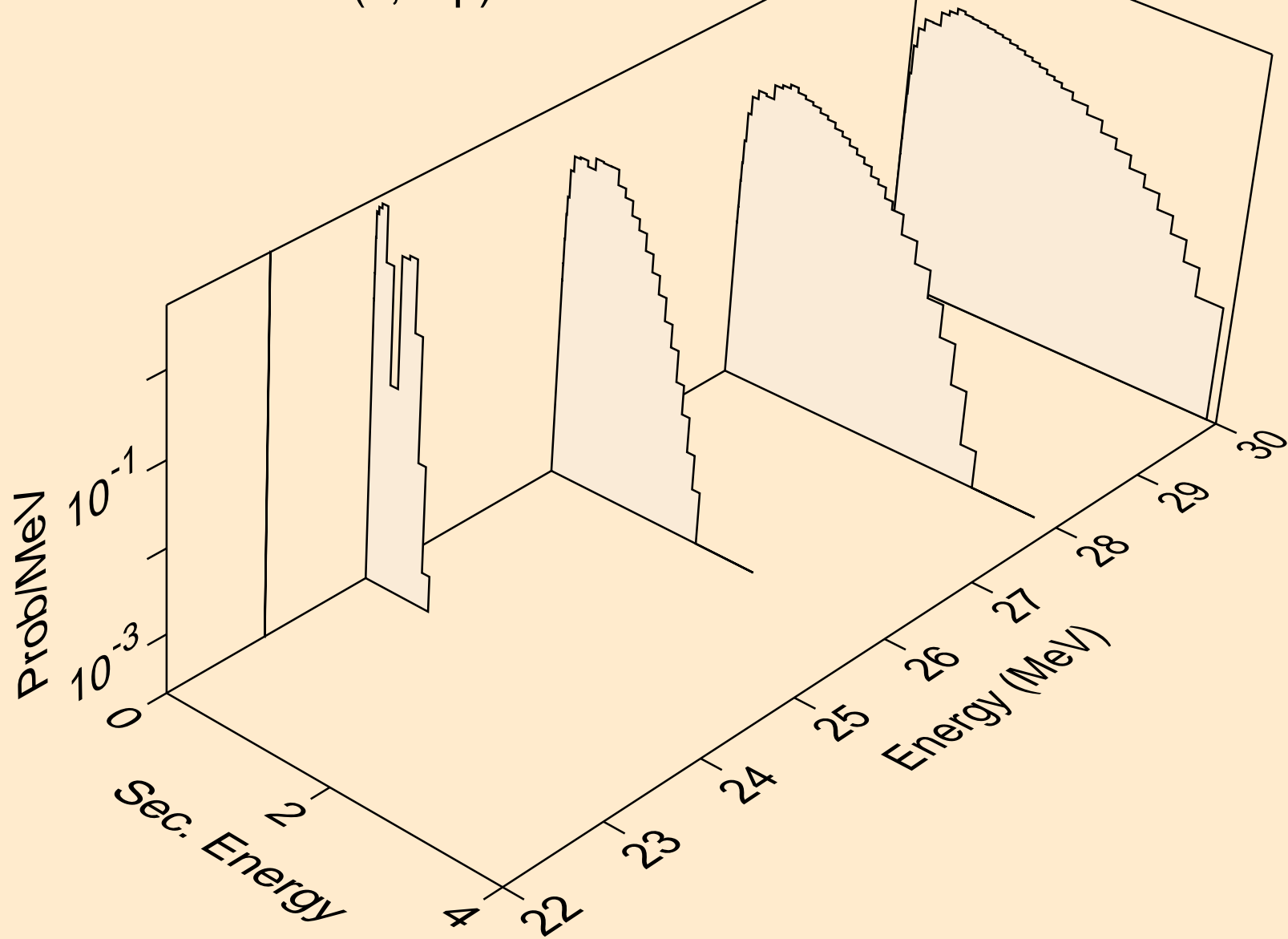
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



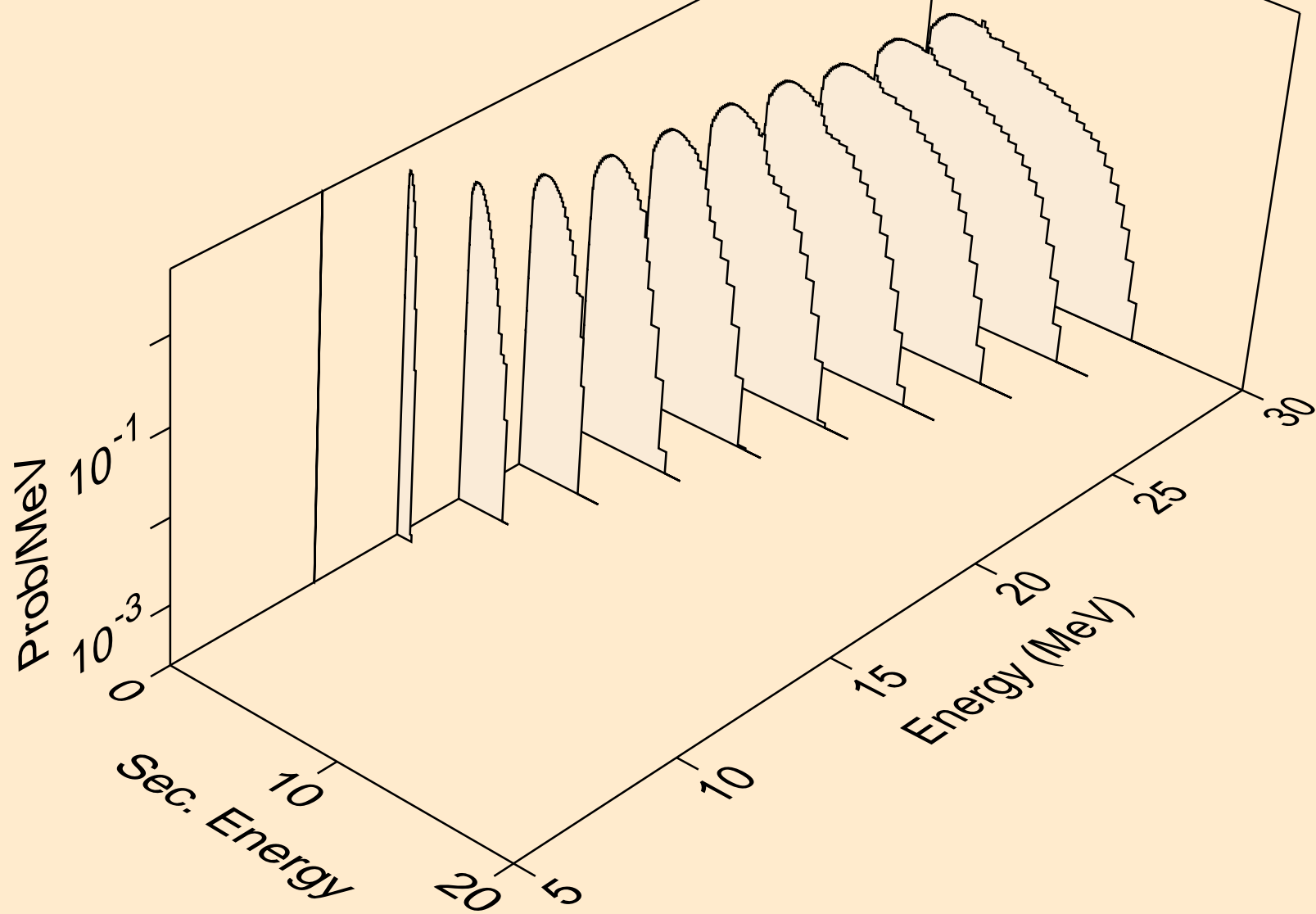
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2np)



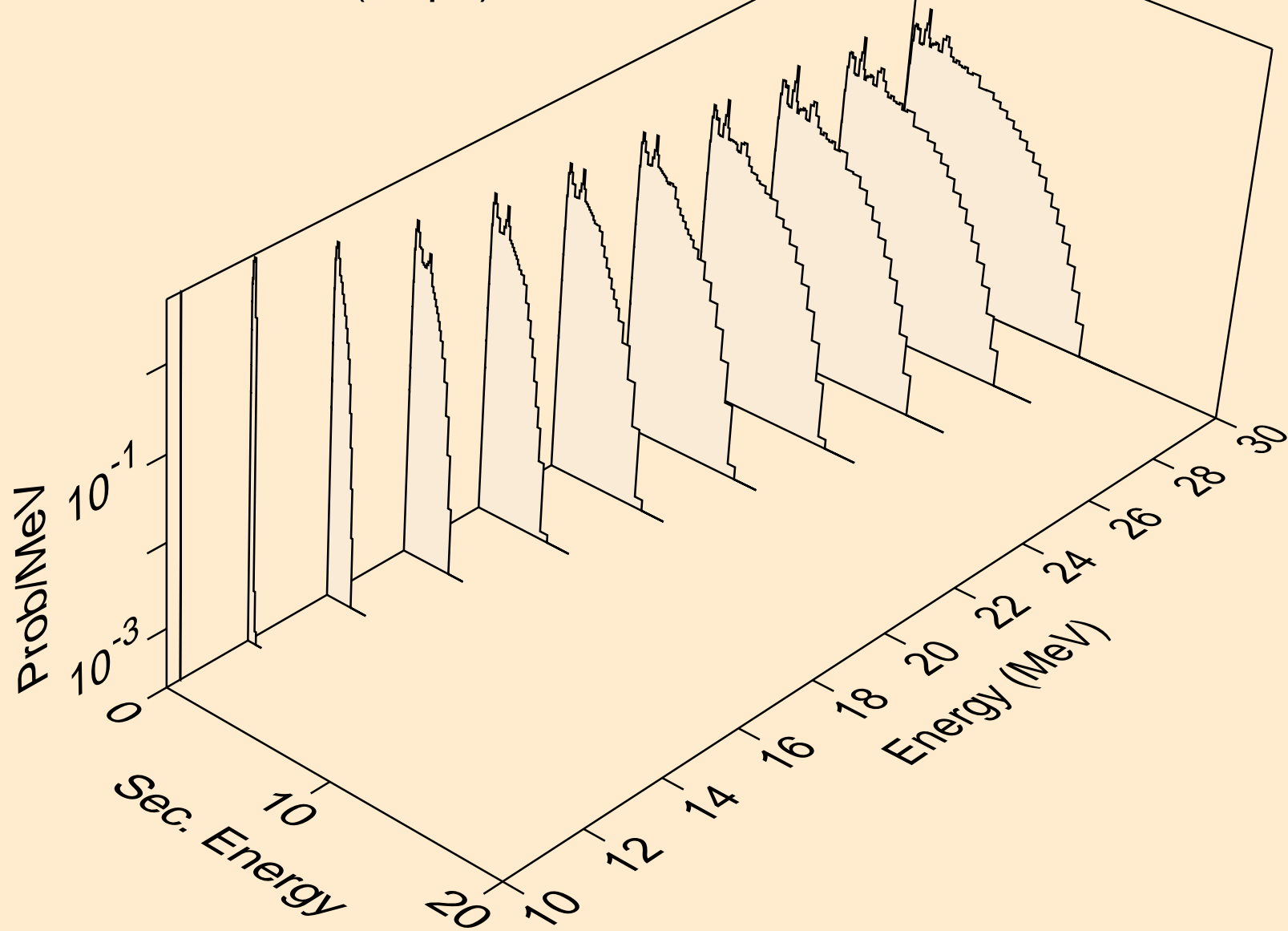
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,3np)



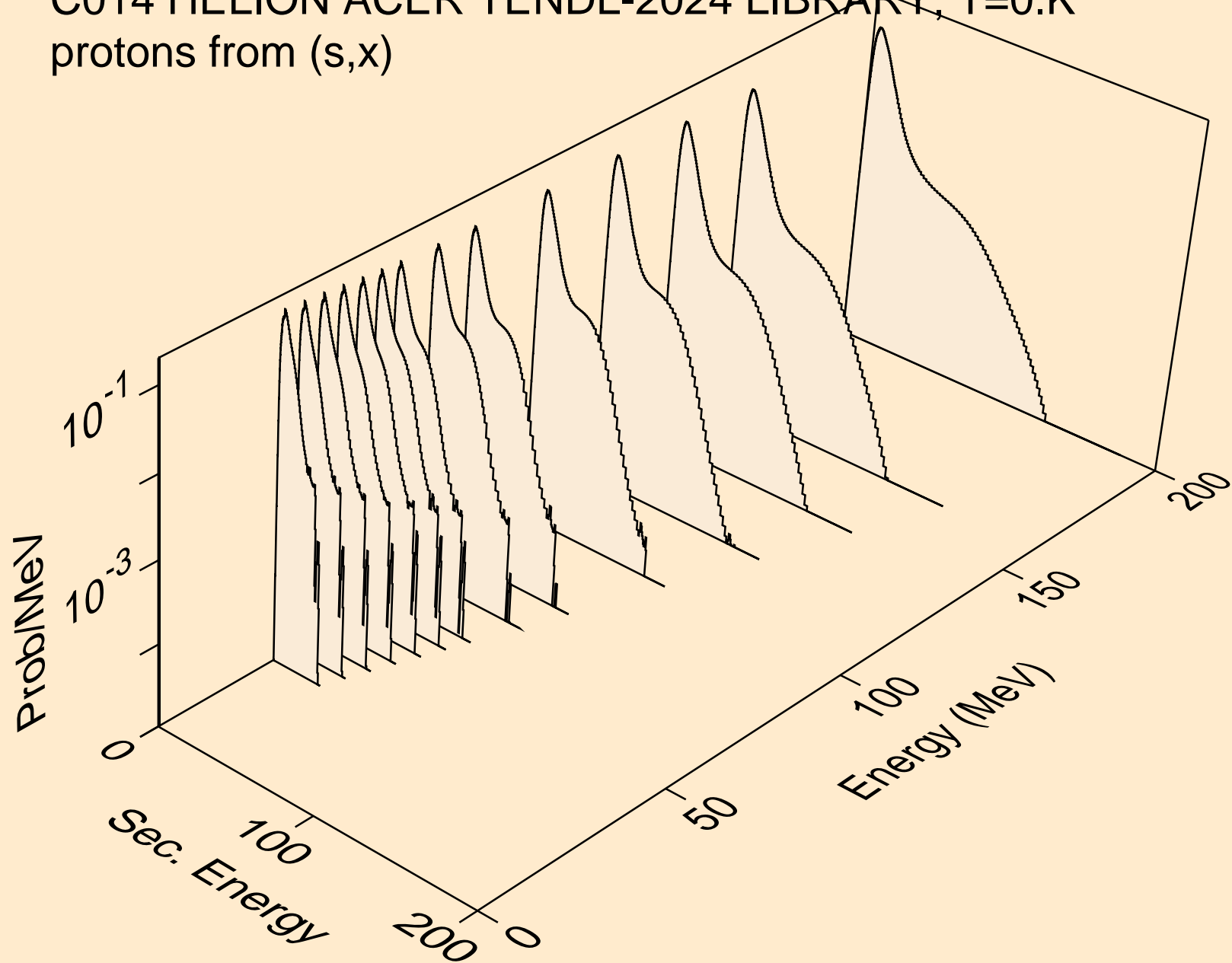
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n2p)



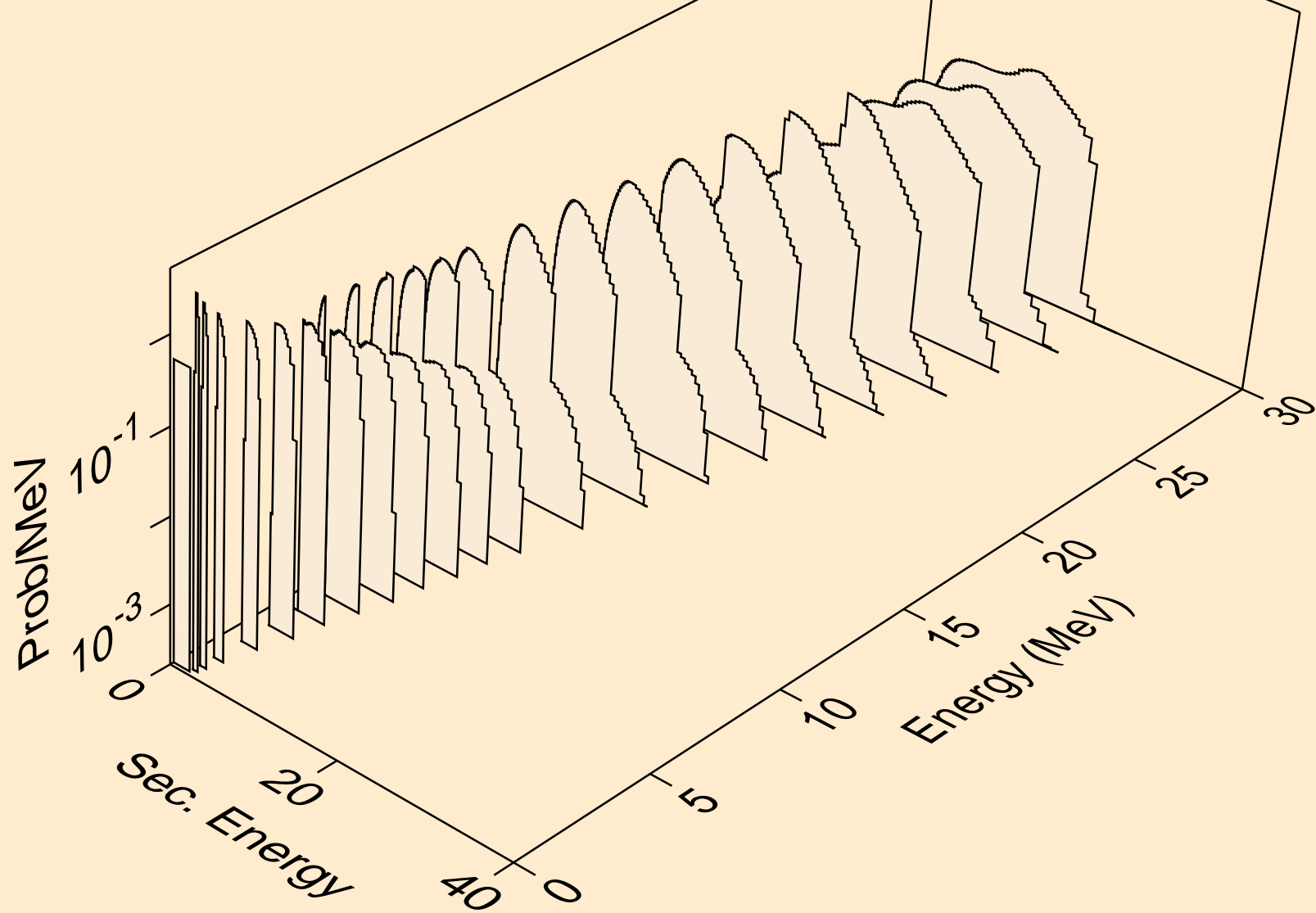
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,npa)



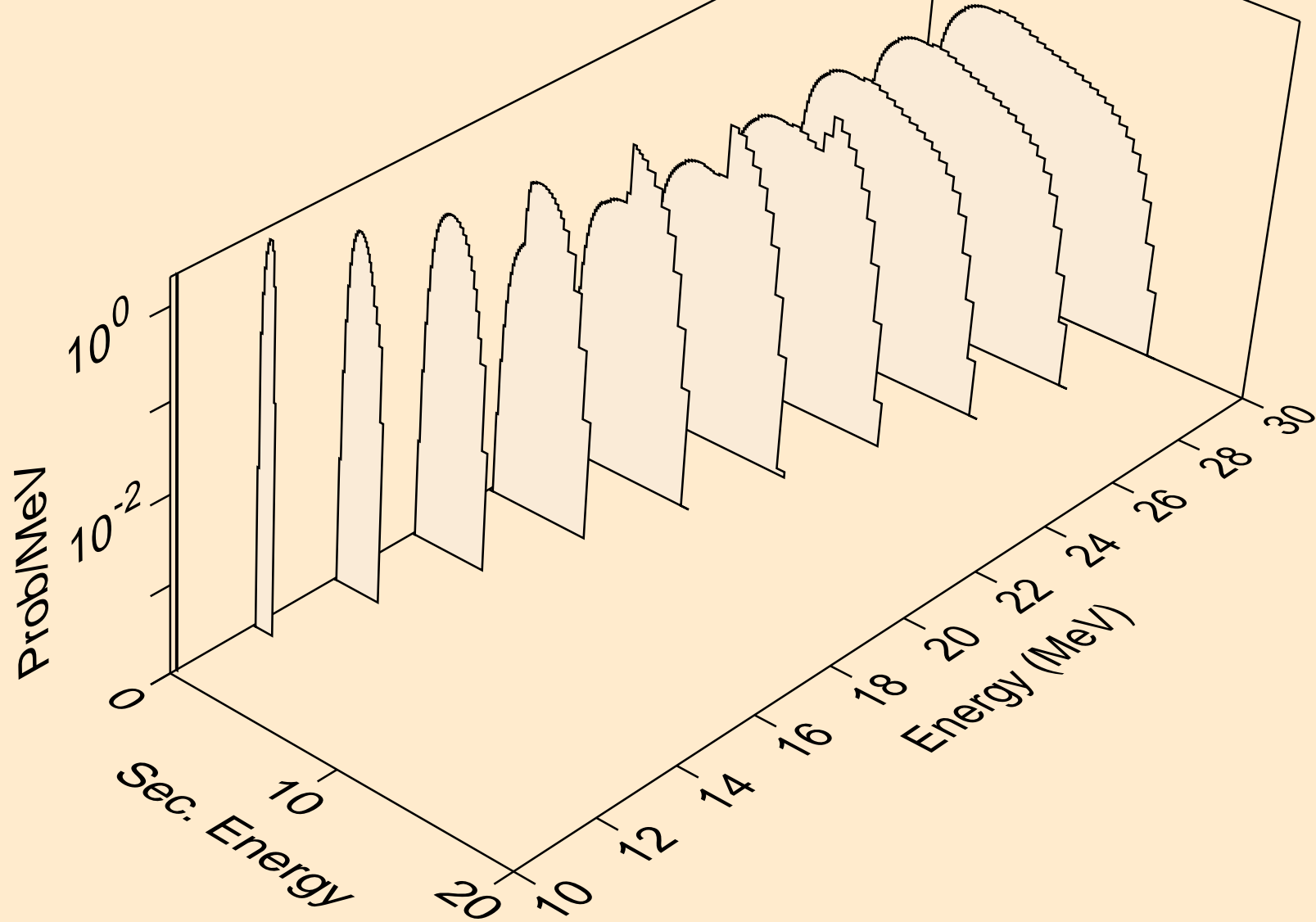
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,x)



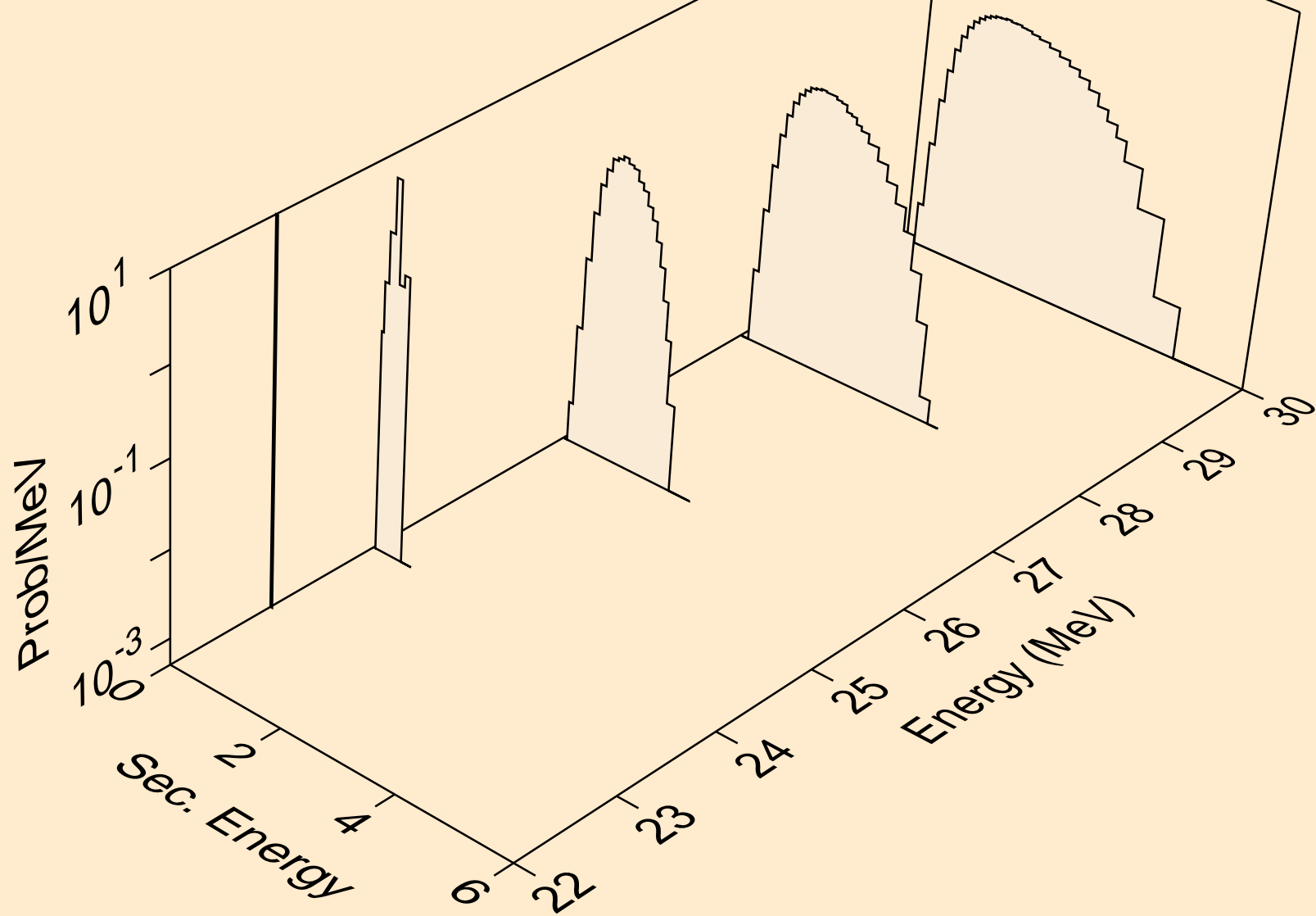
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,n\*)p



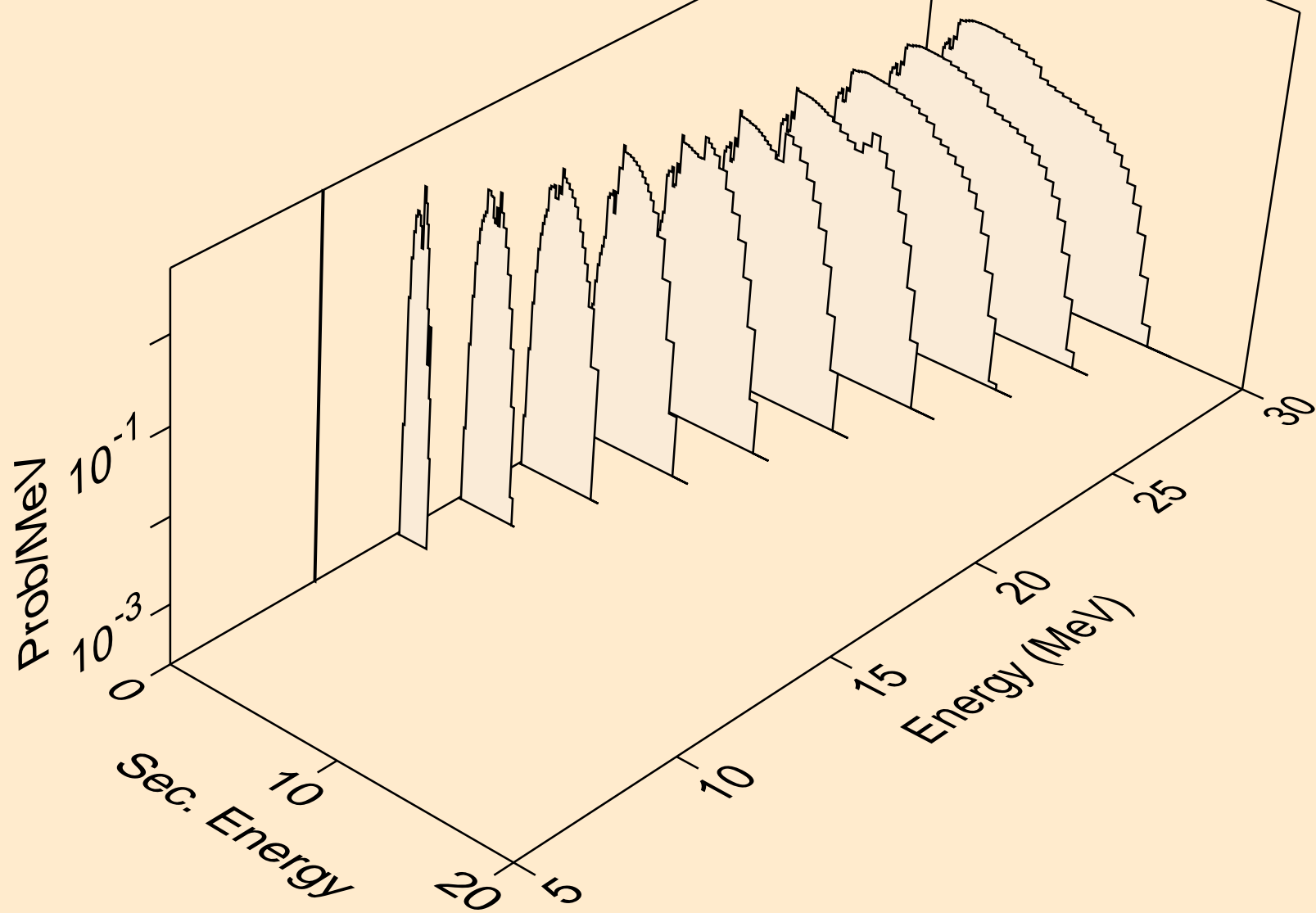
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,2np)



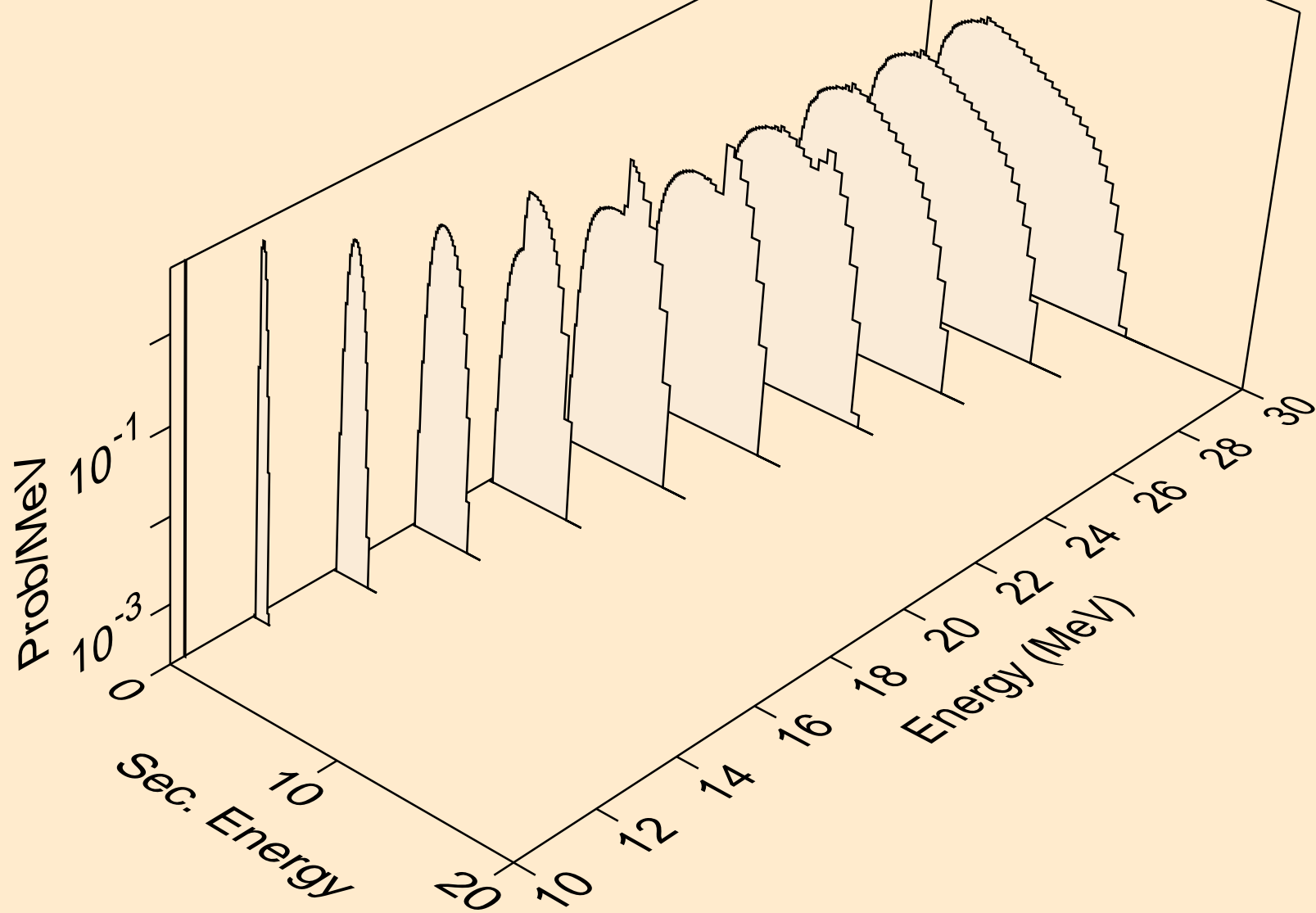
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,3np)



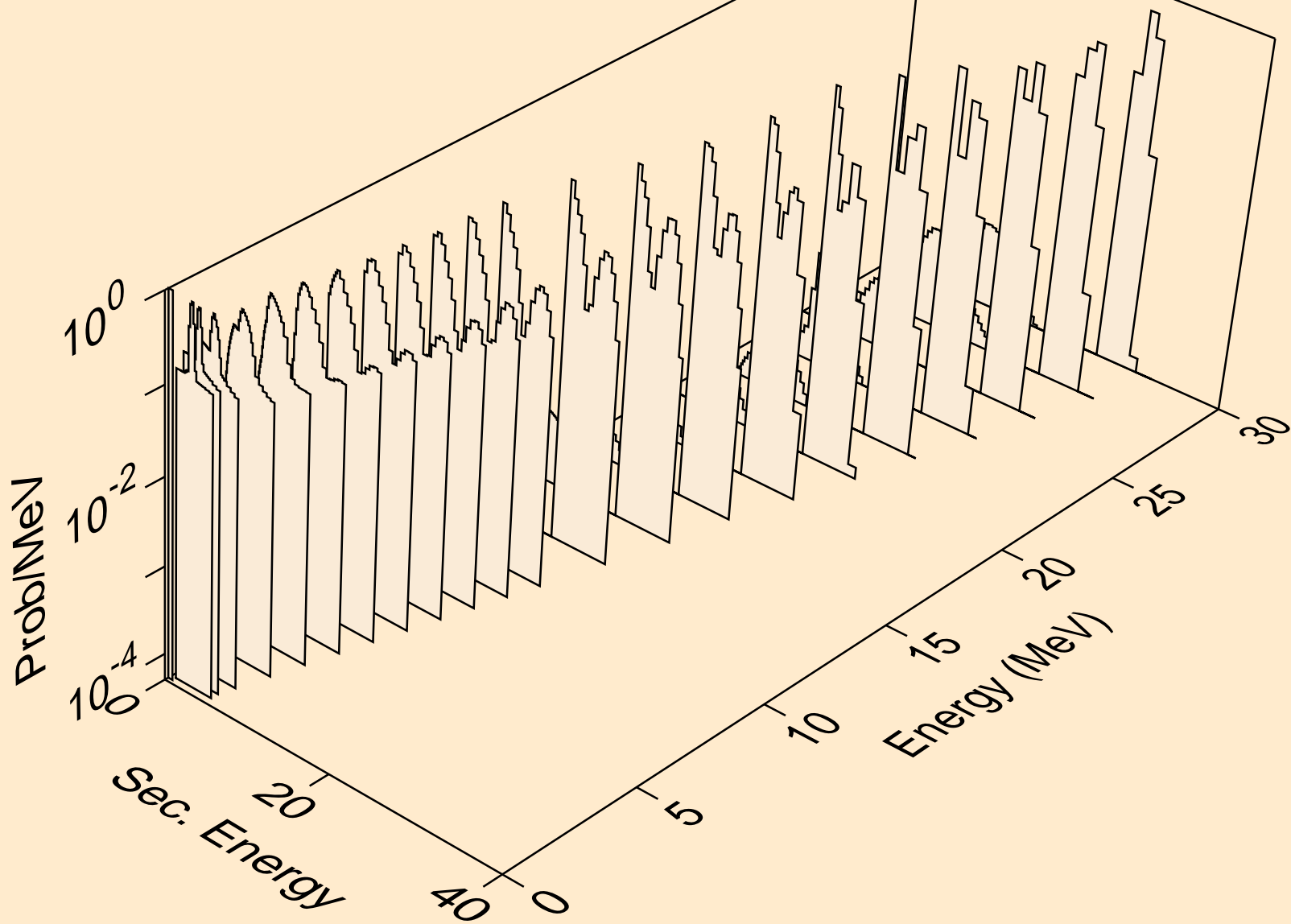
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,n2p)



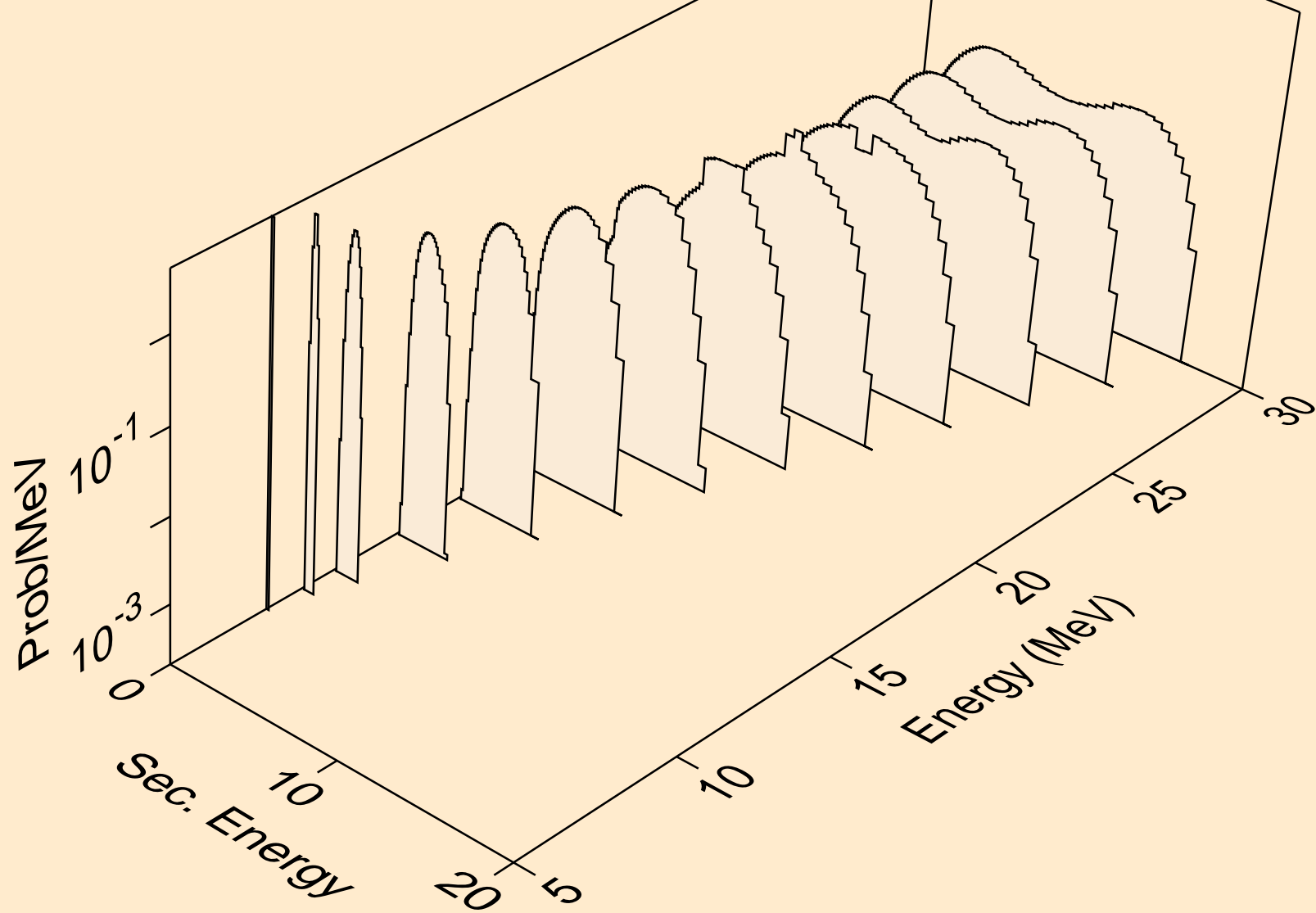
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,npa)



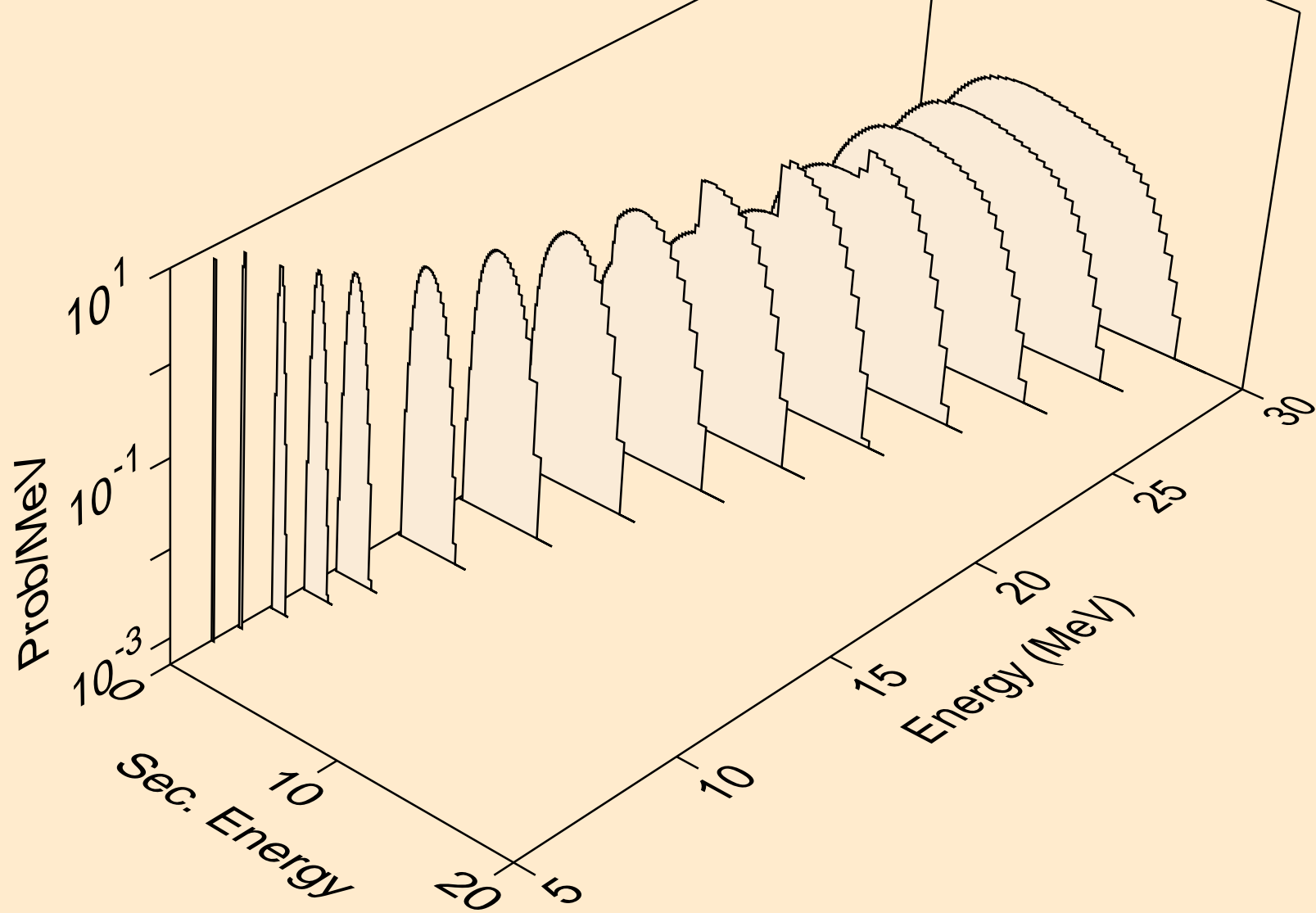
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,p)



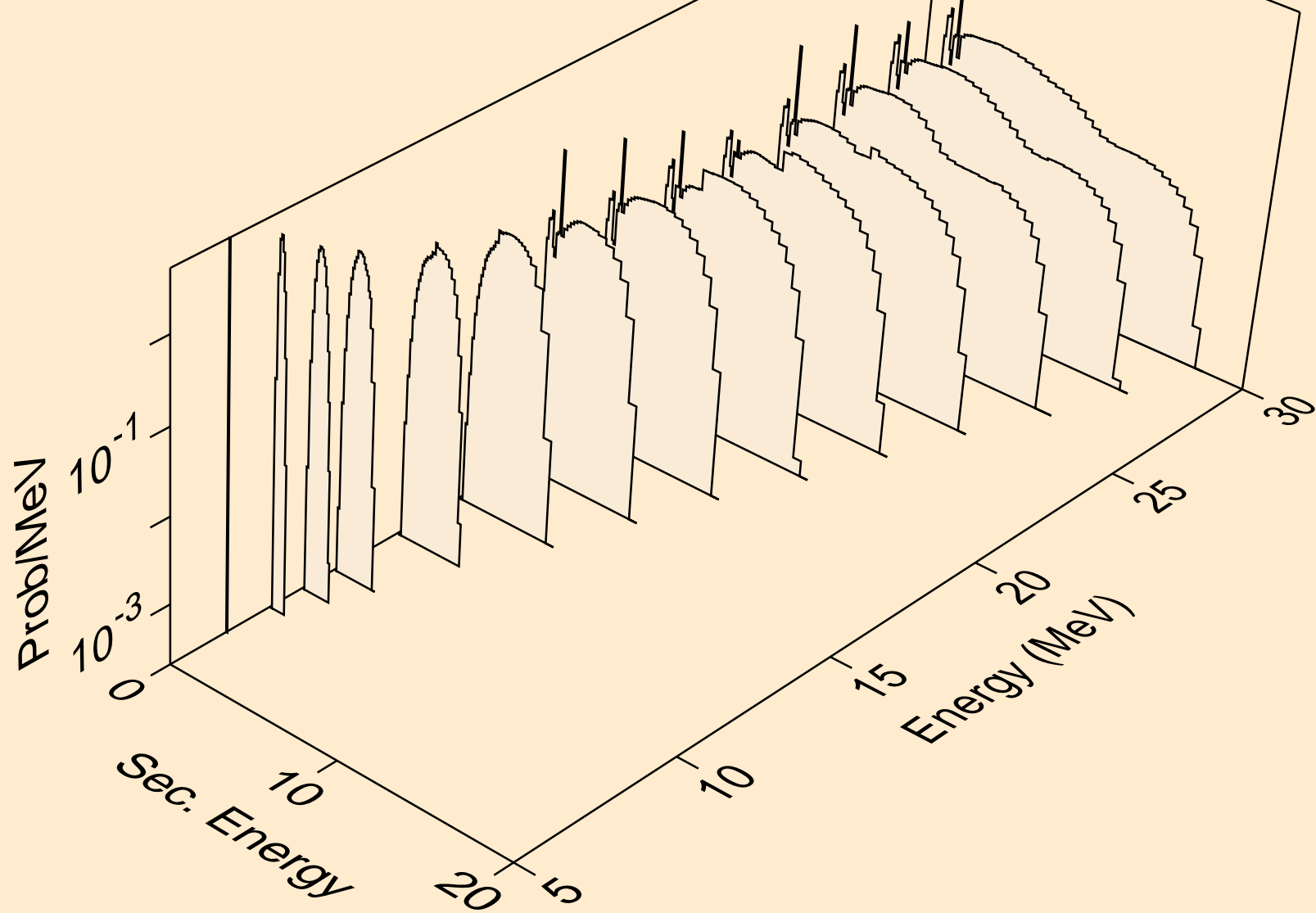
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,2p)



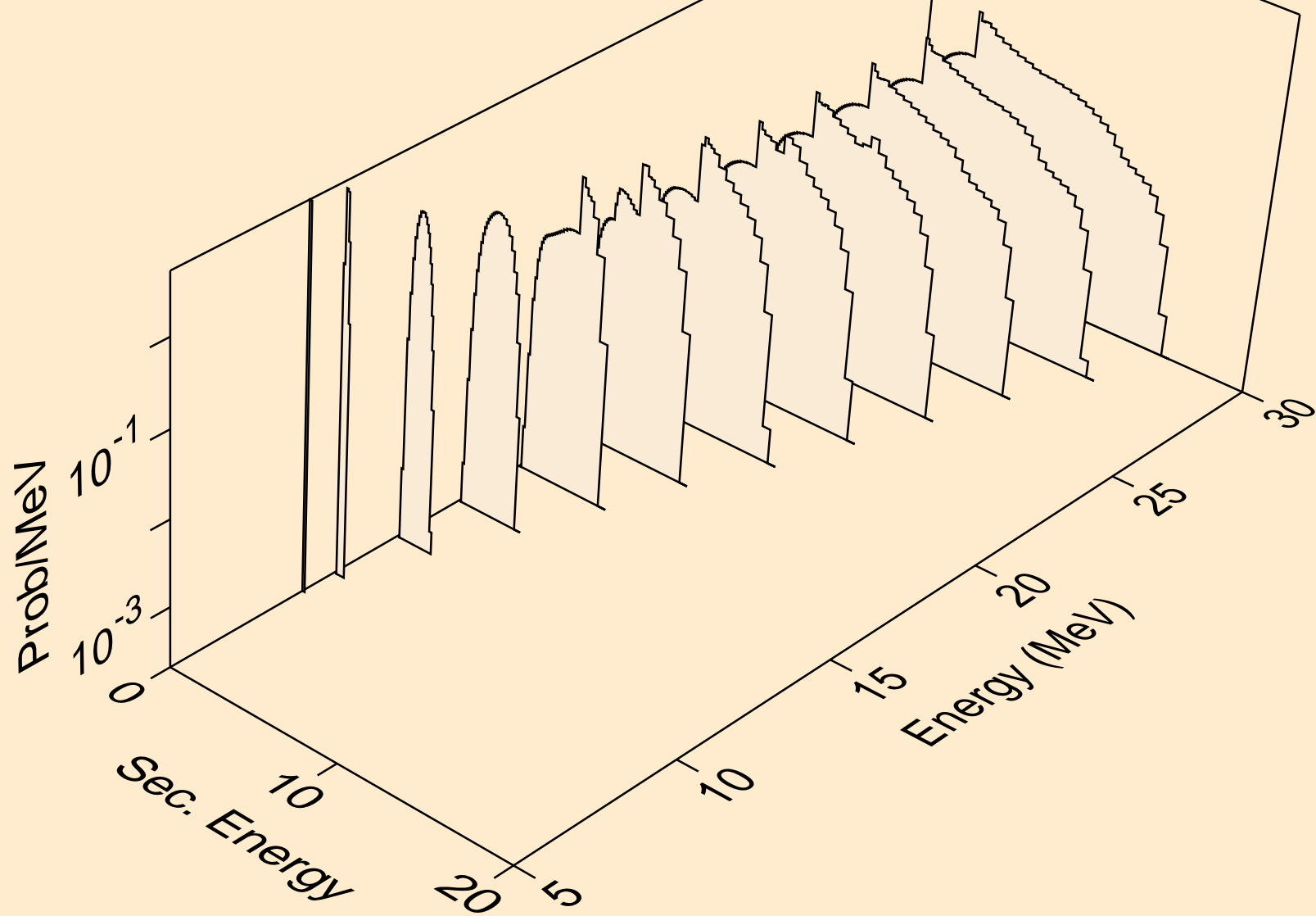
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,pa)



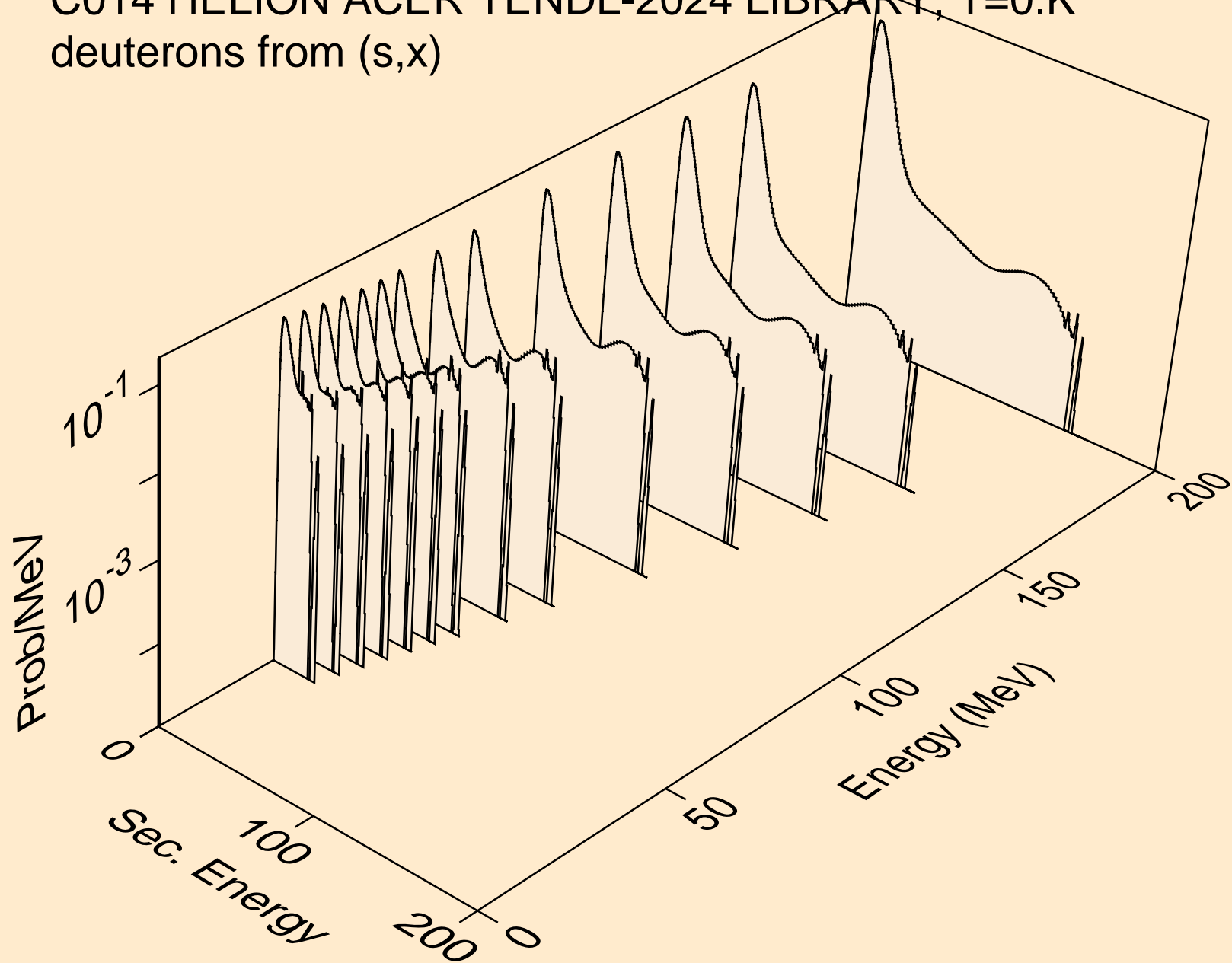
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,pd)



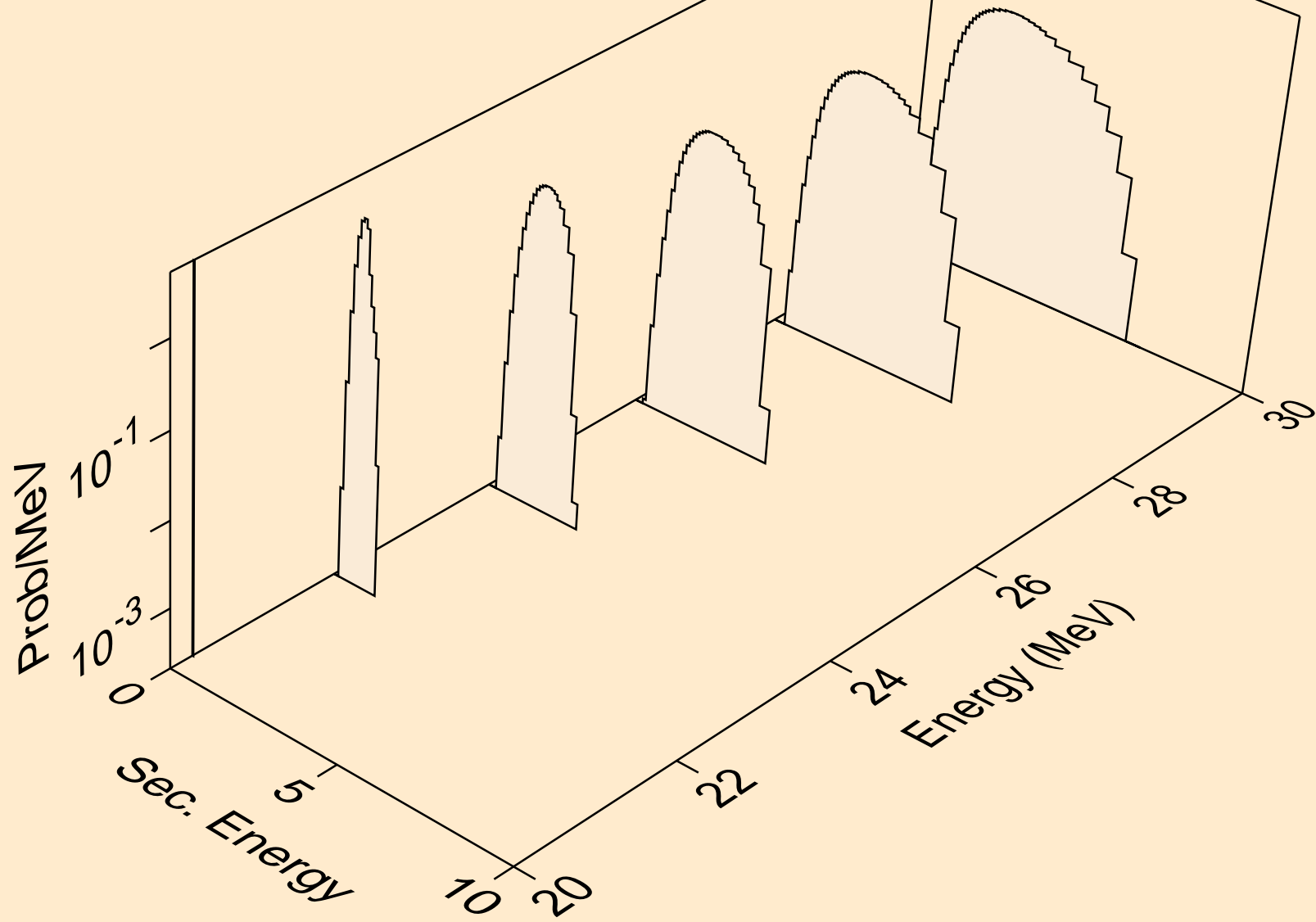
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,pt)



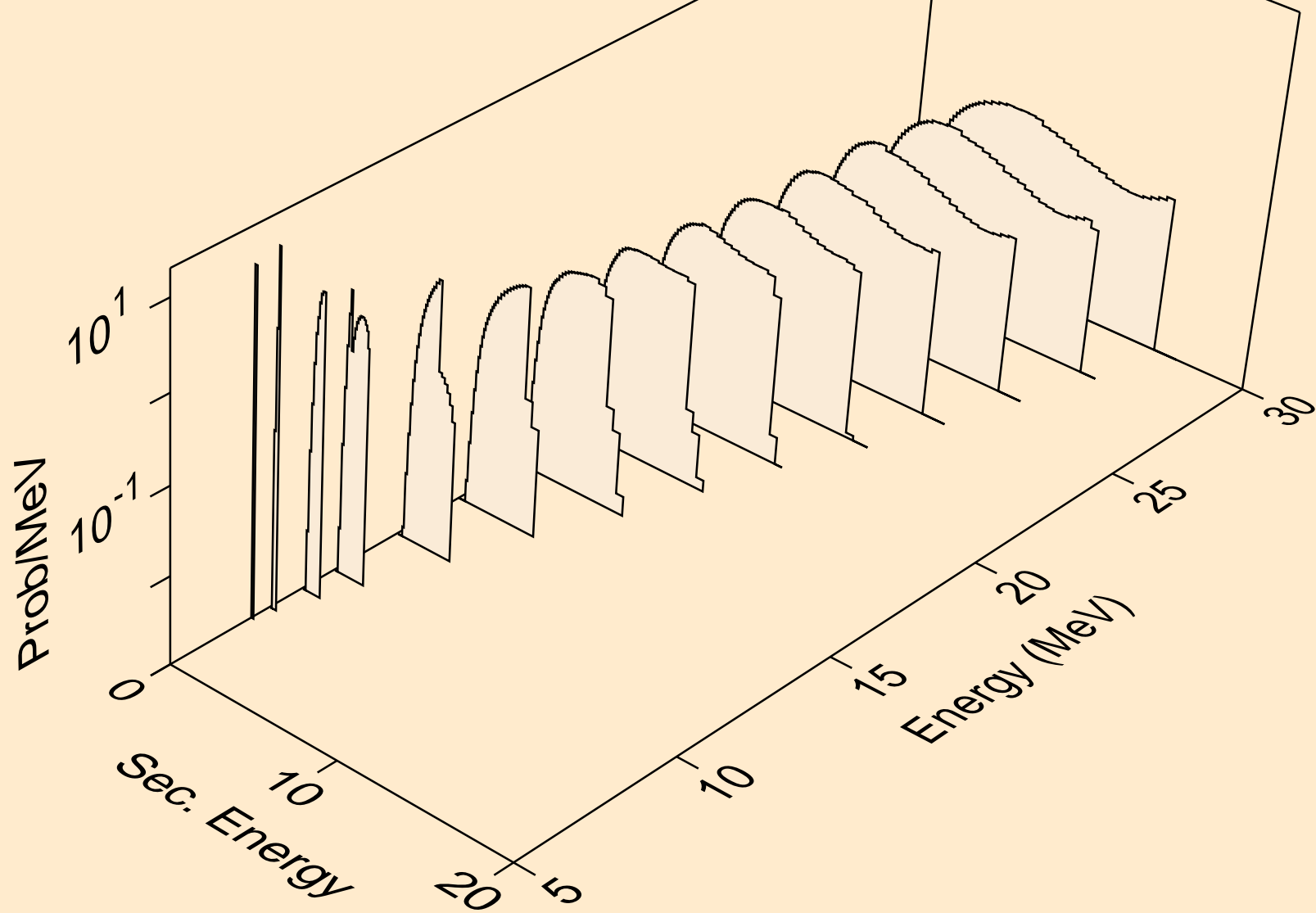
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,x)



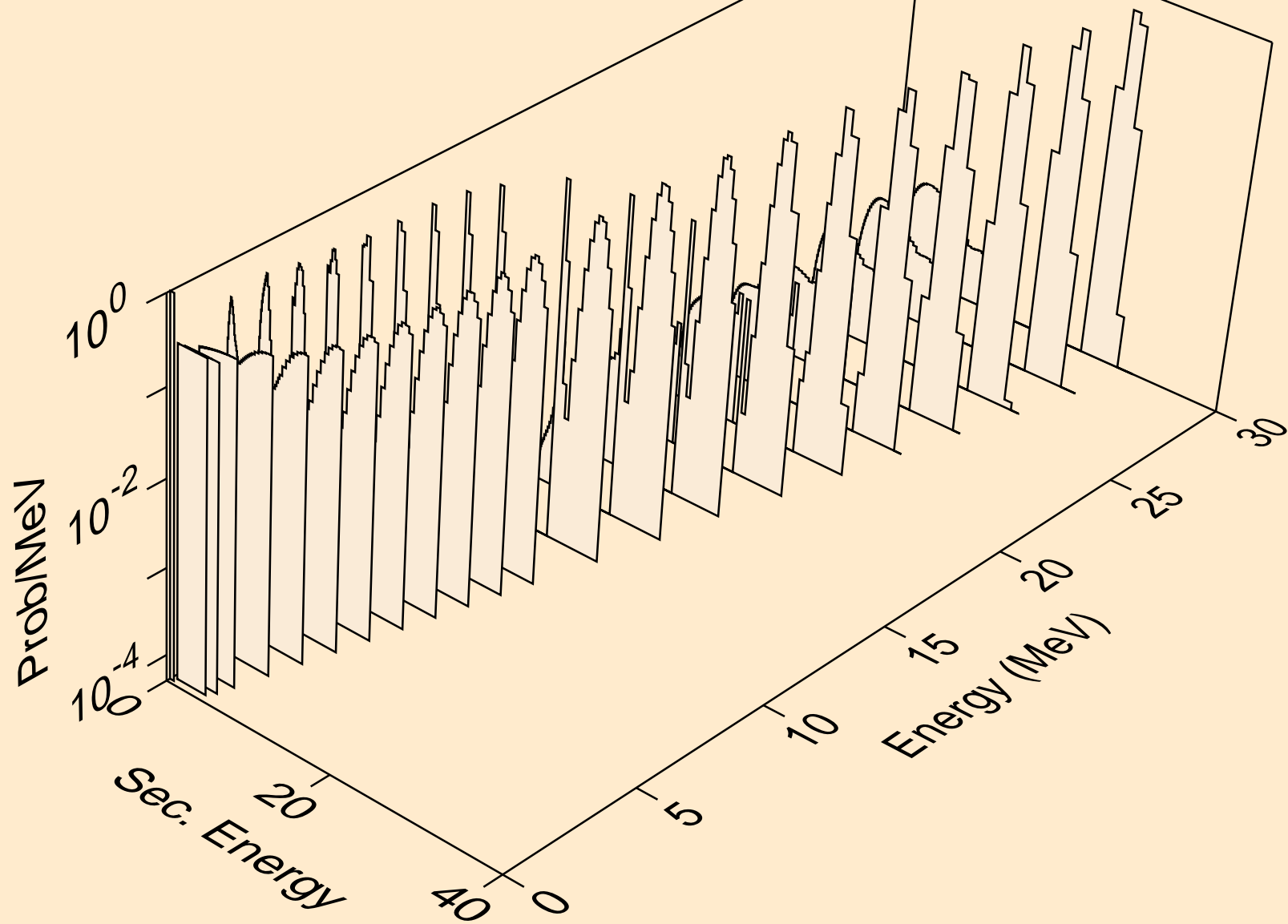
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,2nd)



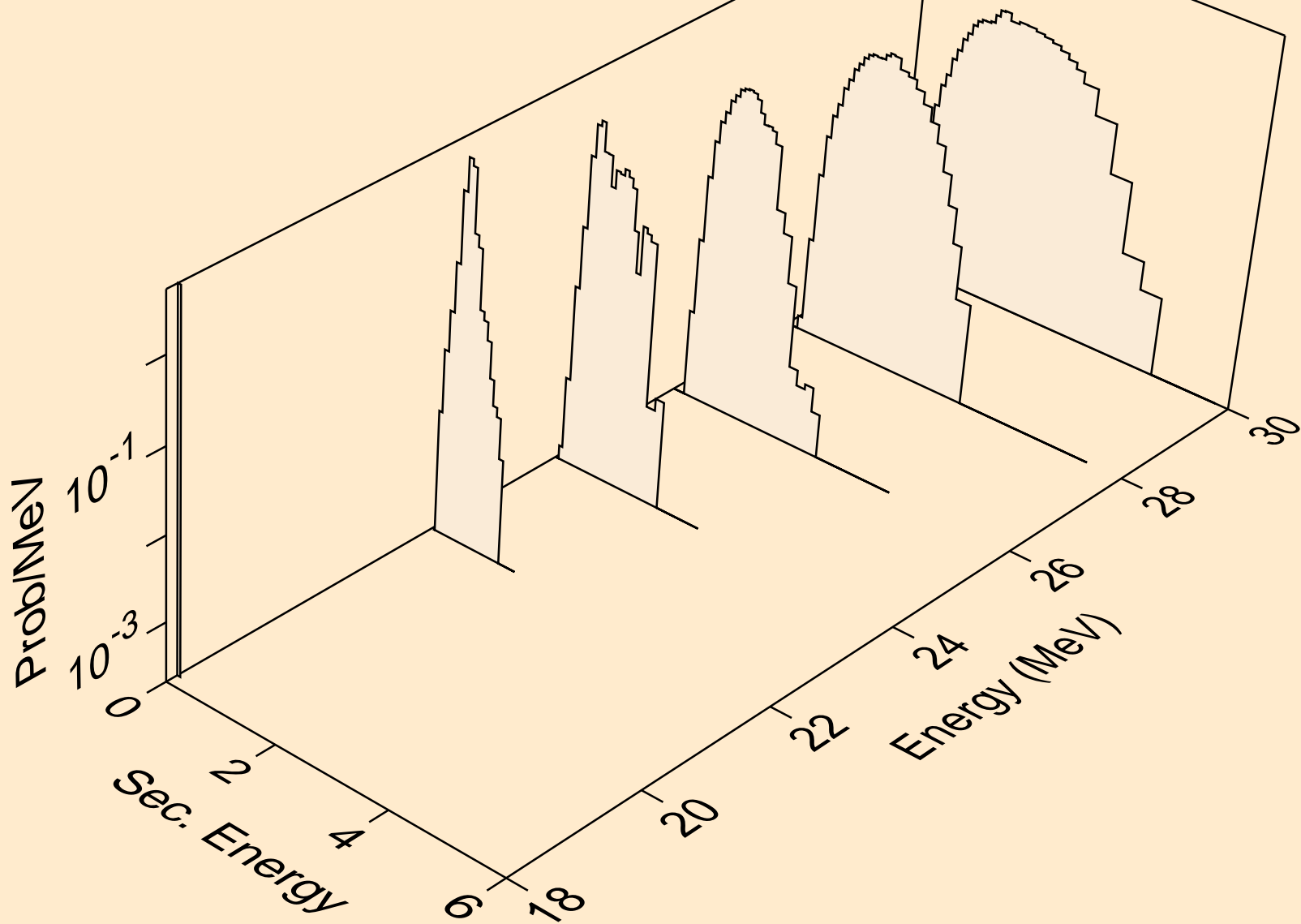
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,n\*)d



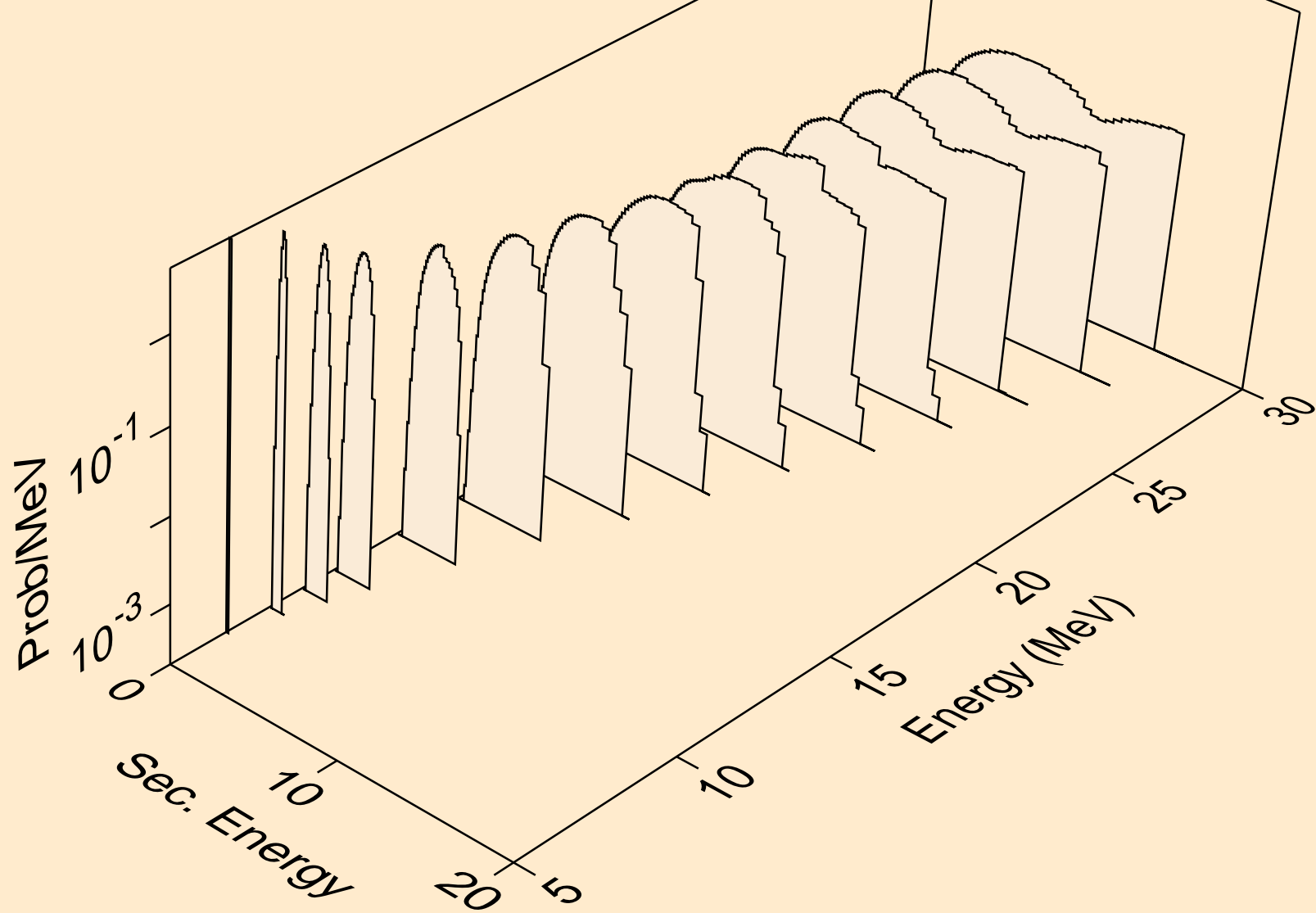
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,d)



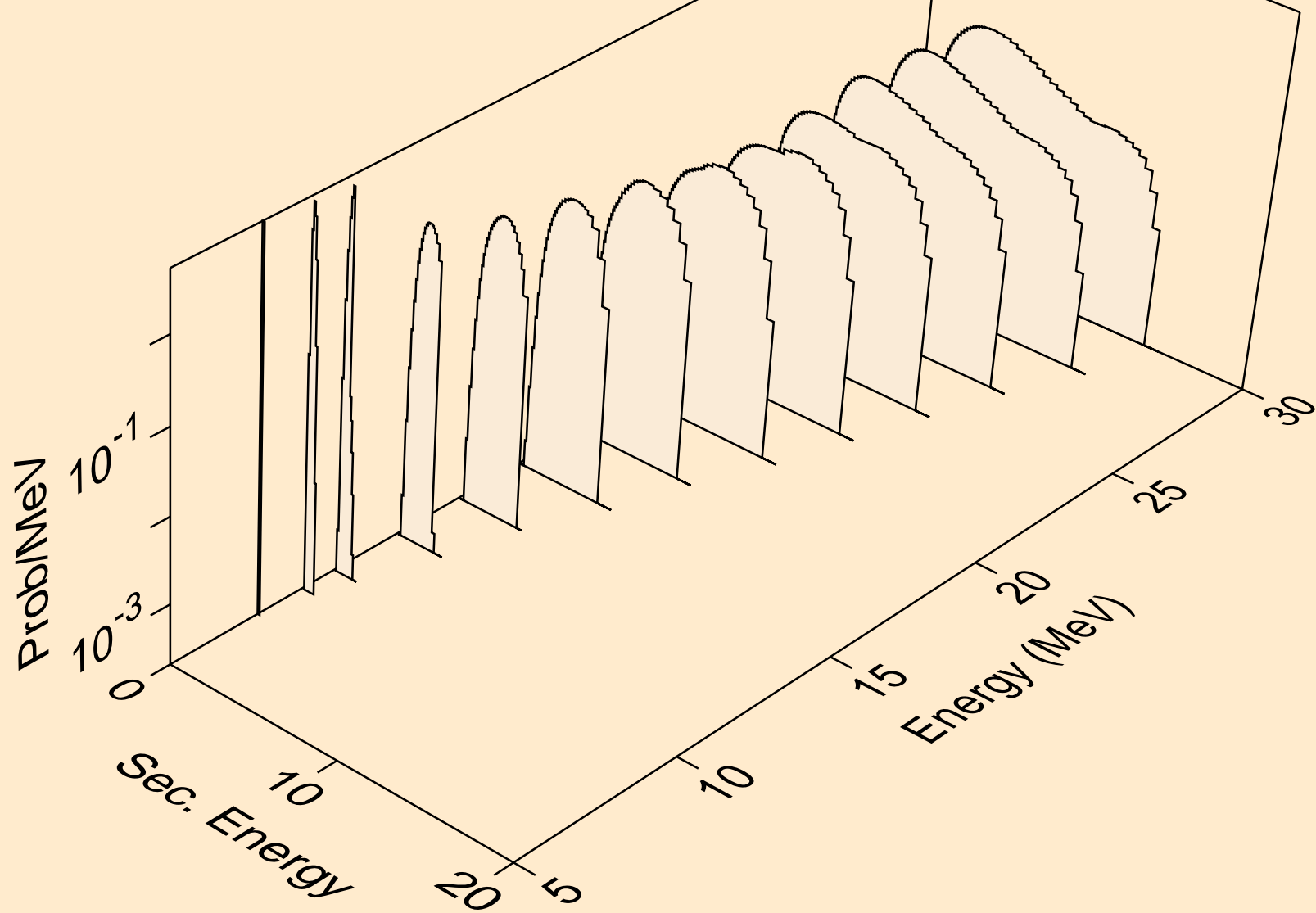
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,d2a)



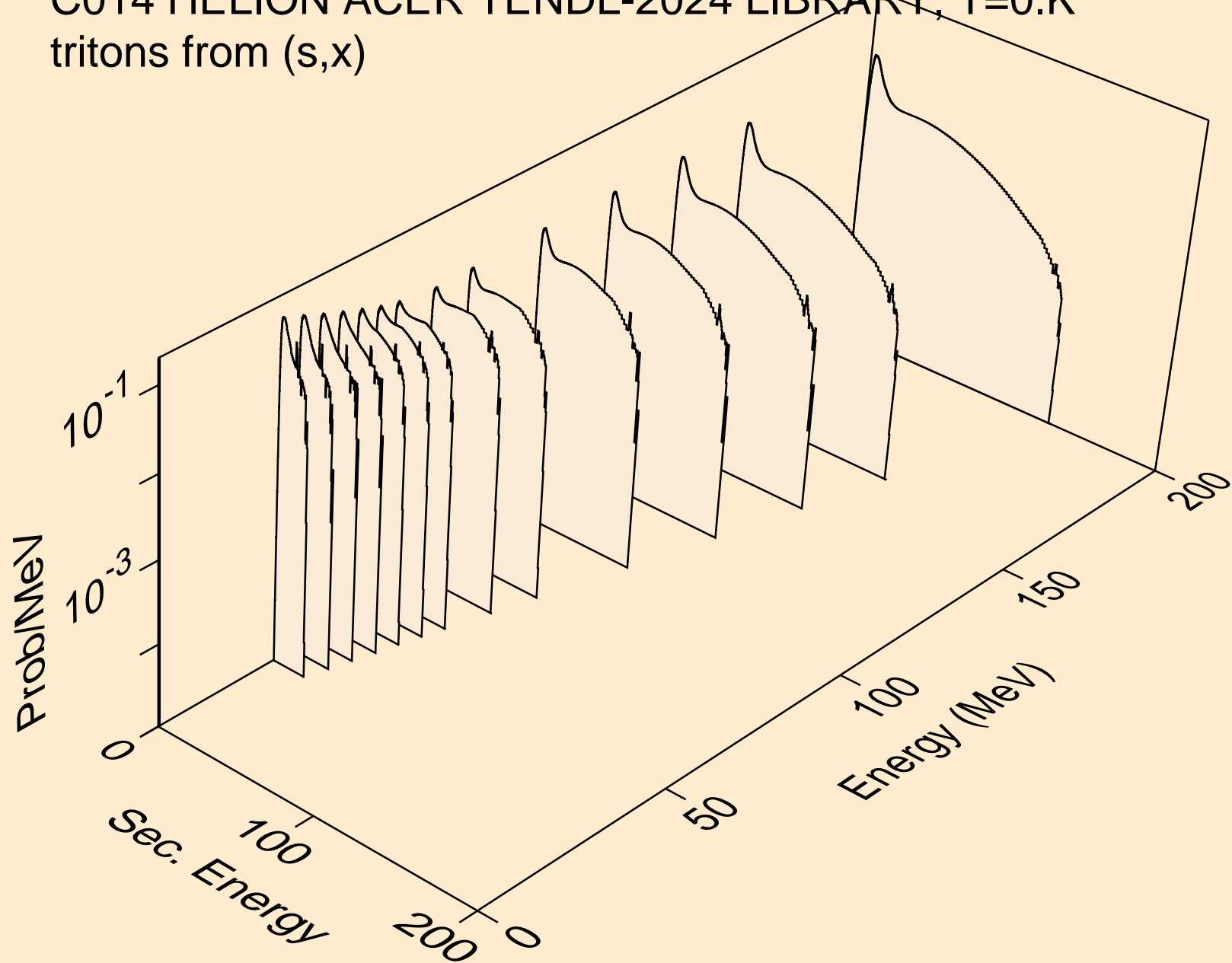
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,pd)



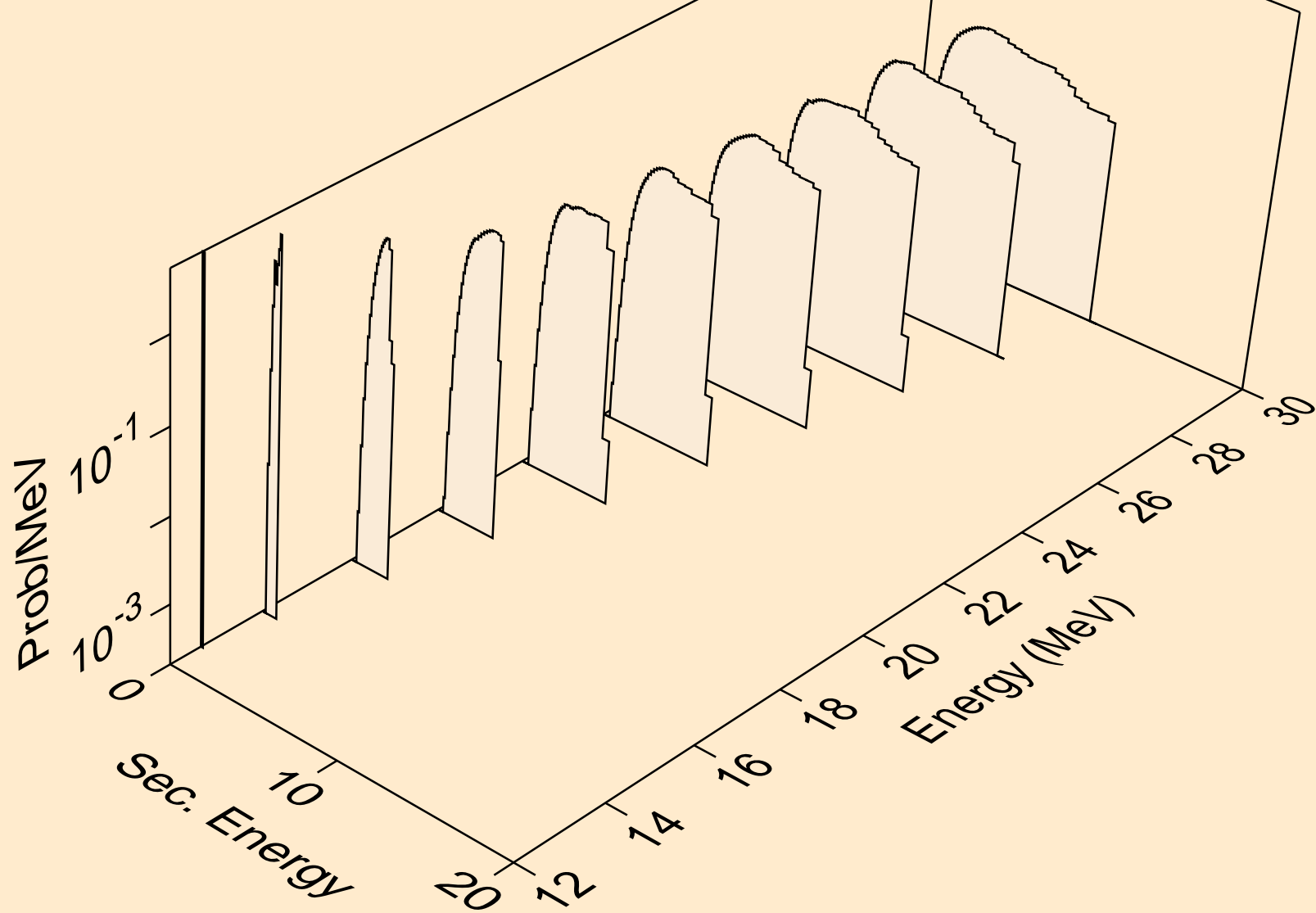
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,da)



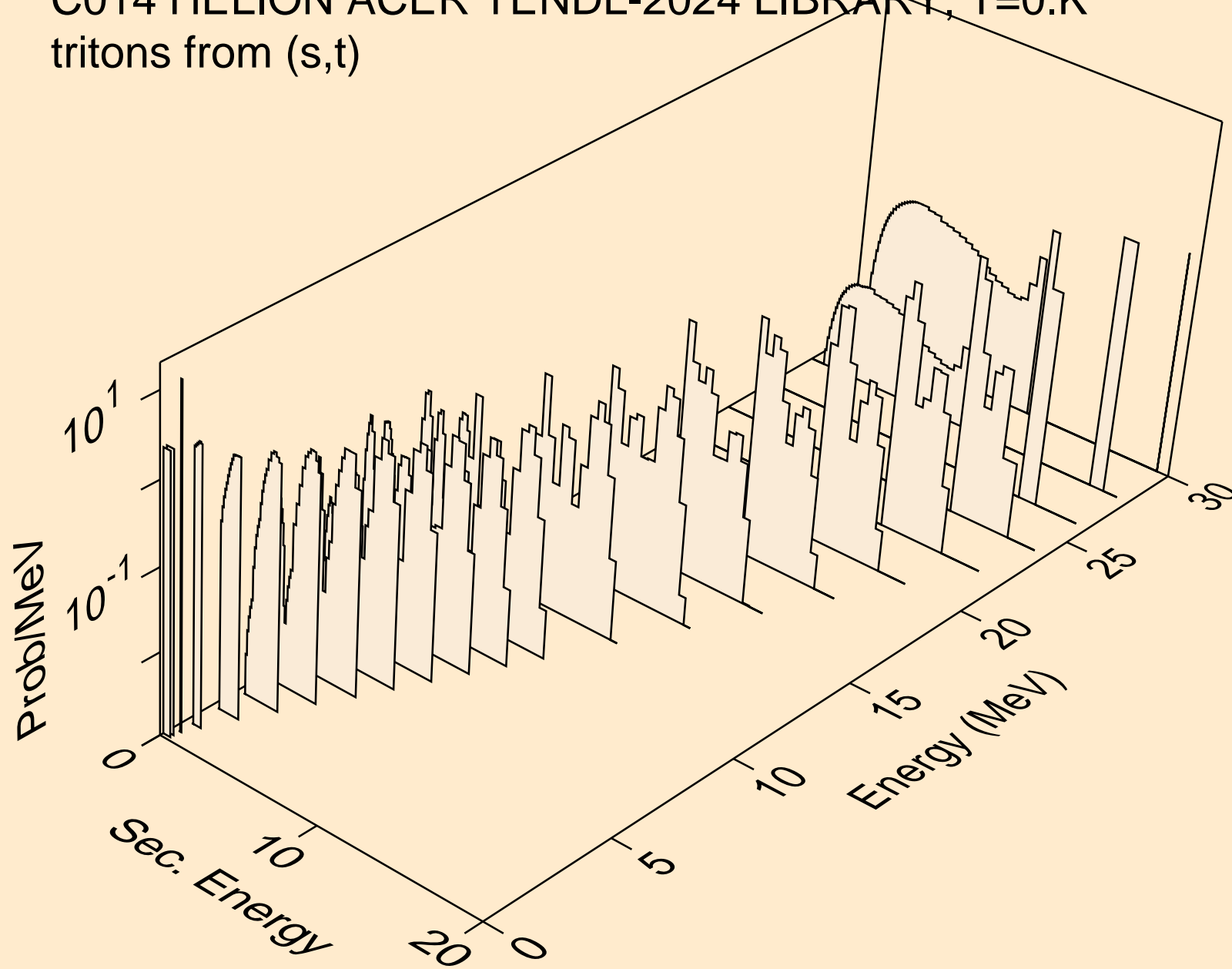
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (s,x)



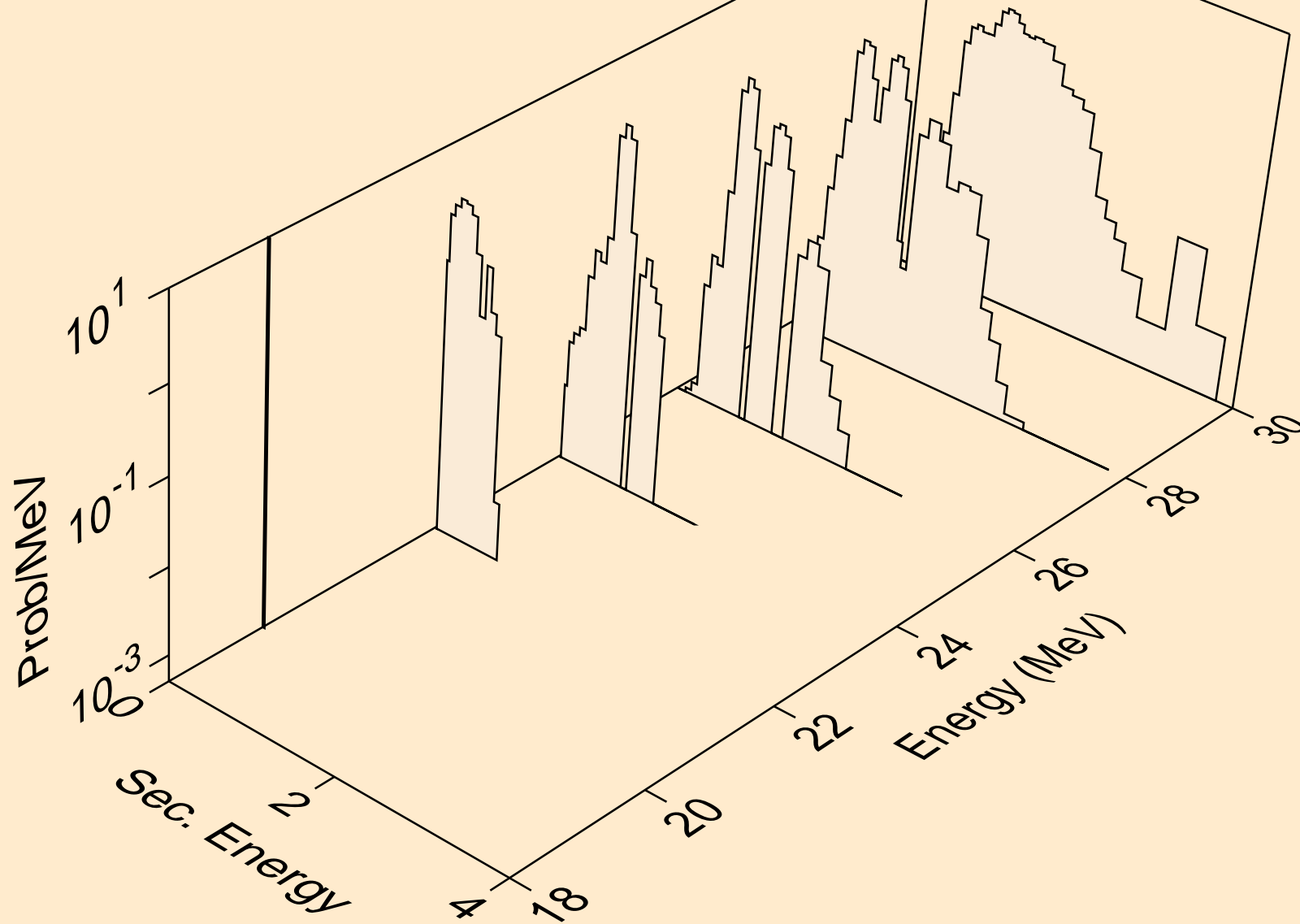
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (s,n\*)t



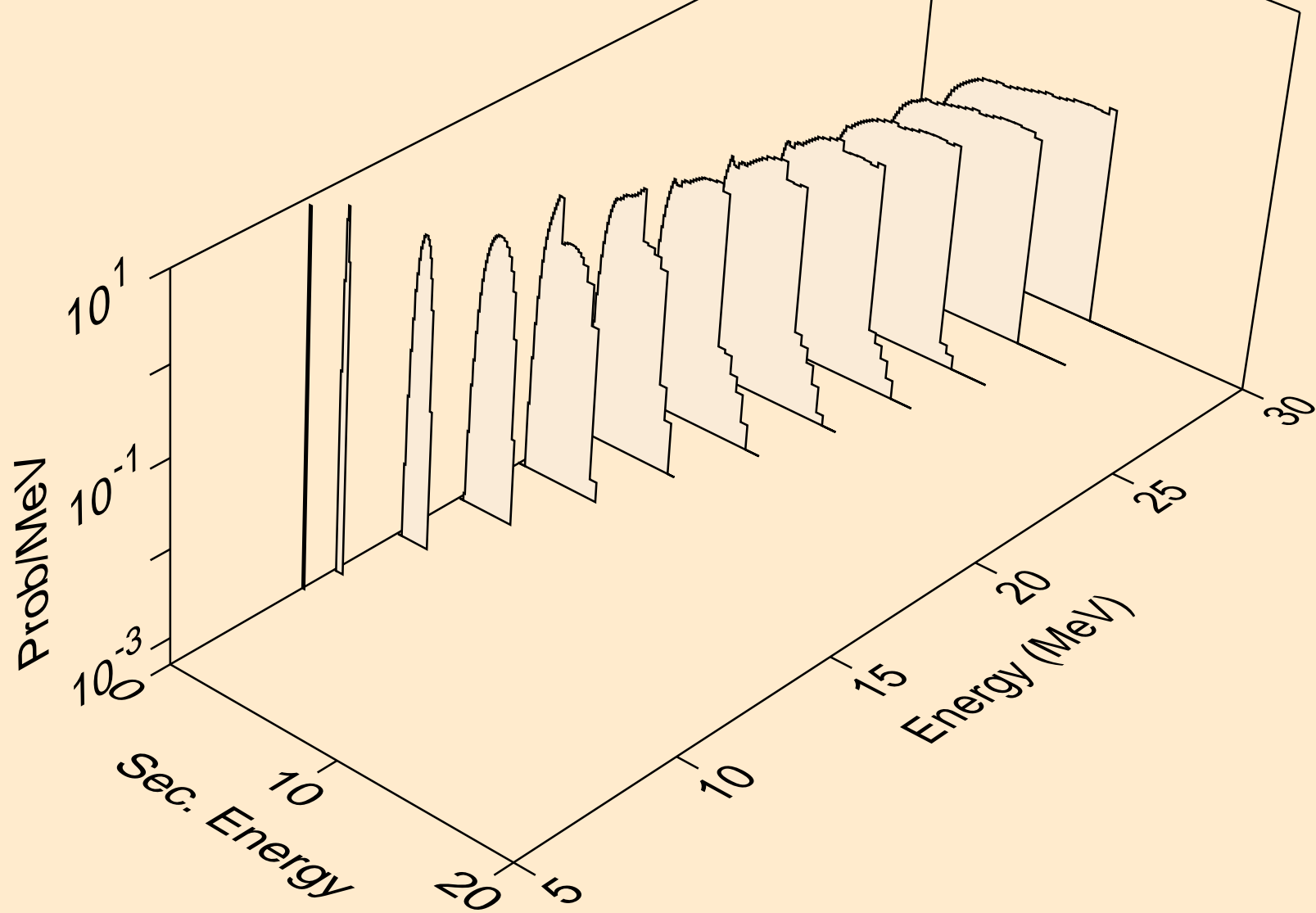
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (s,t)



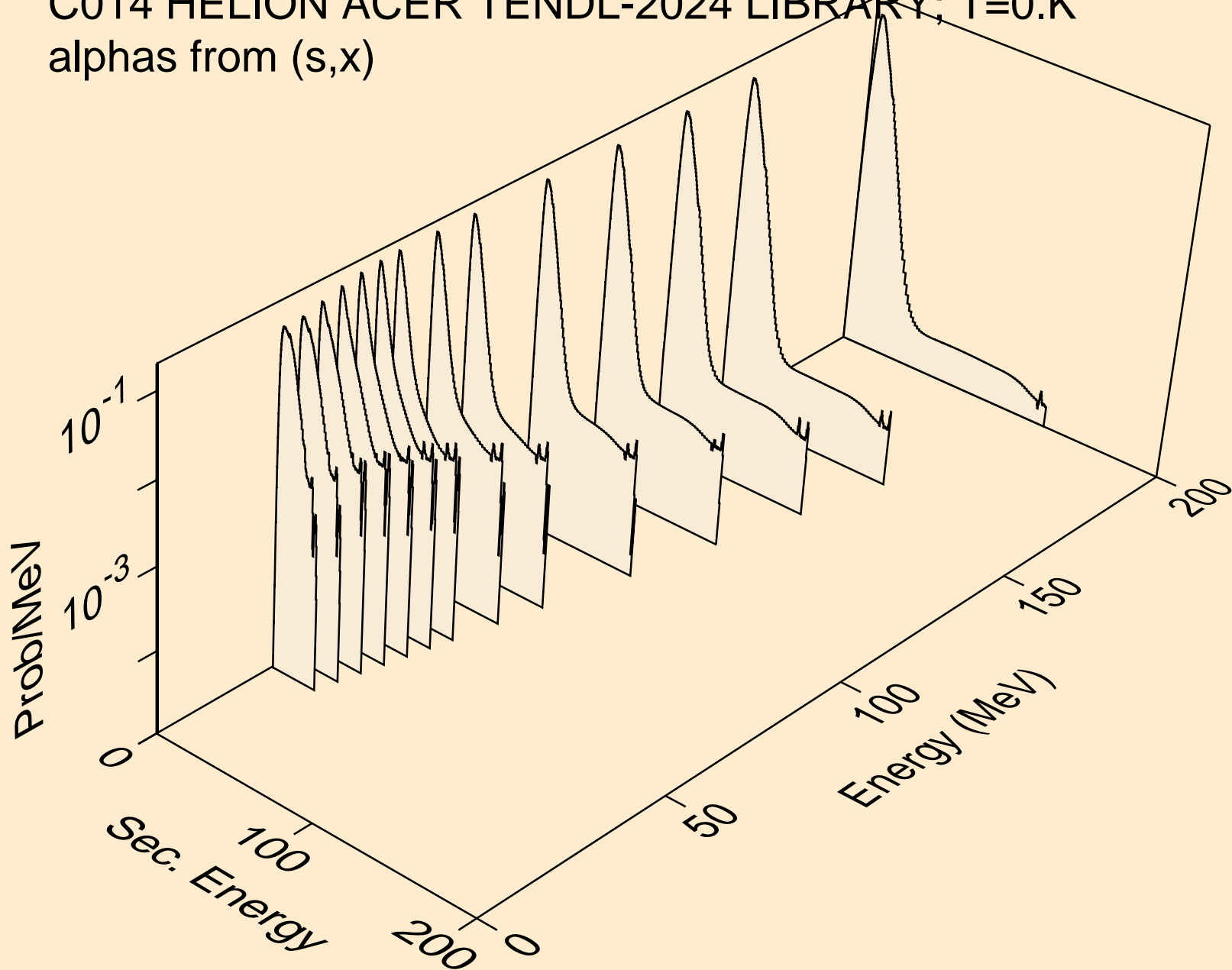
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (s,t2a)



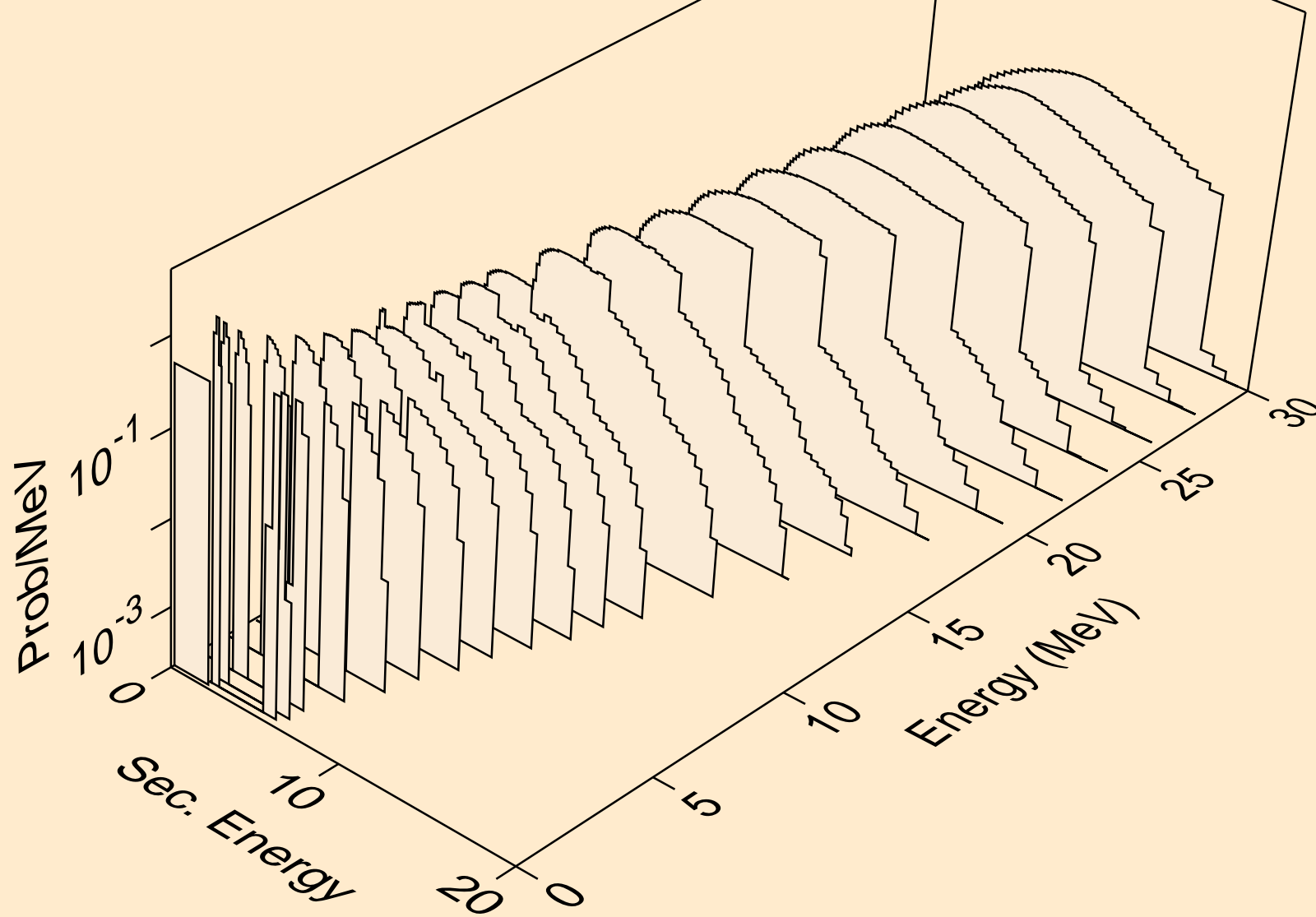
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (s,pt)



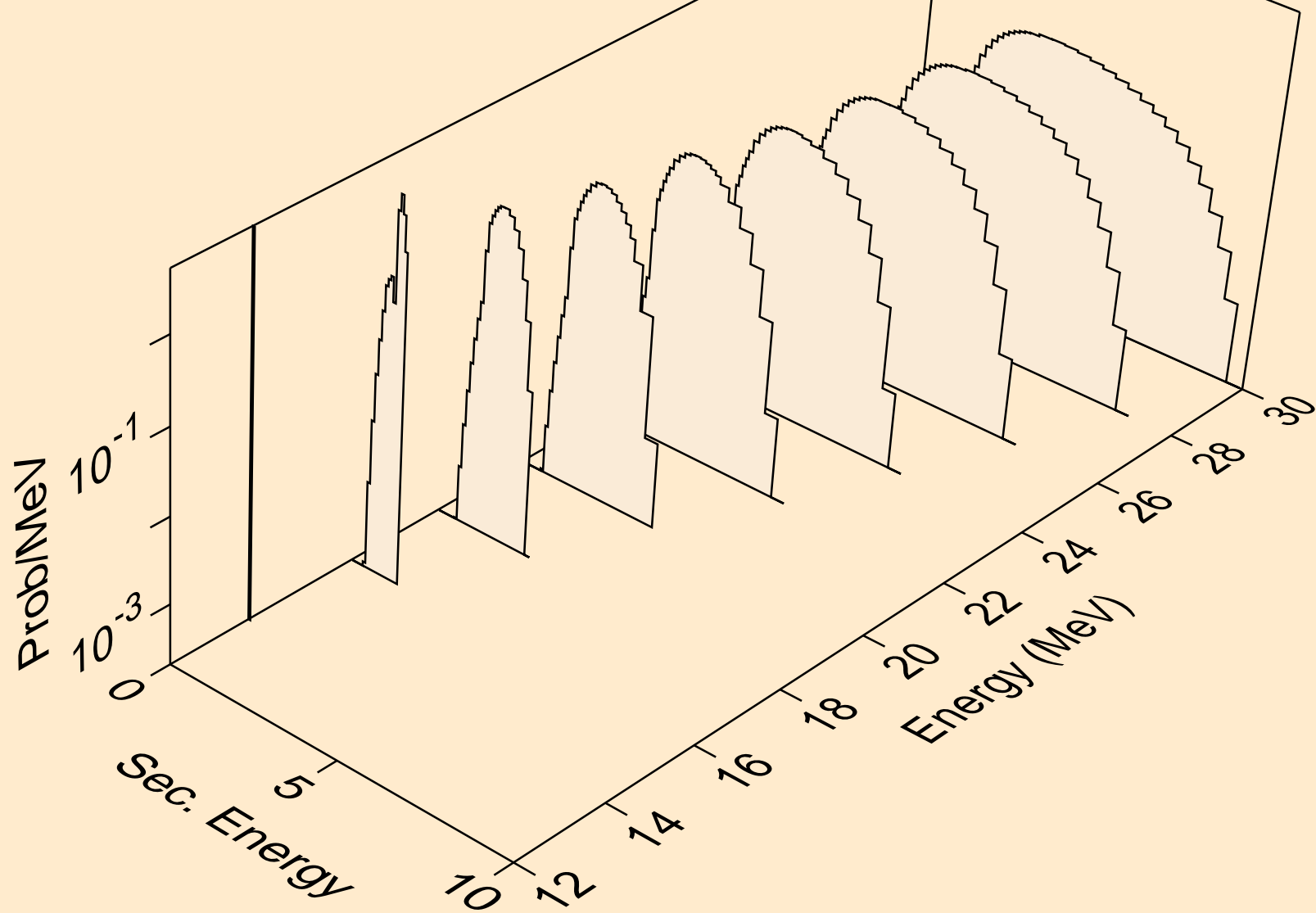
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,x)



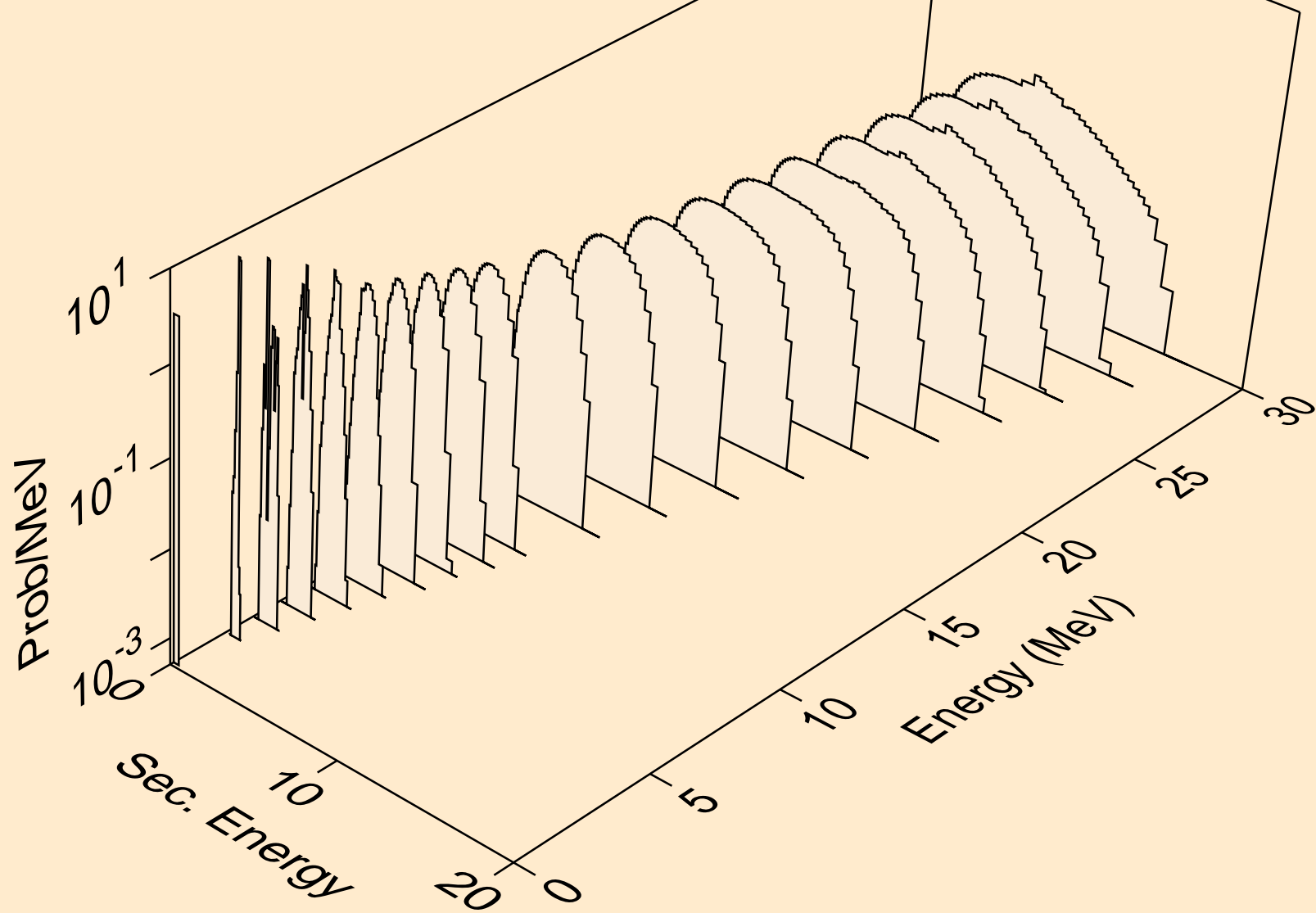
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,n\*)a



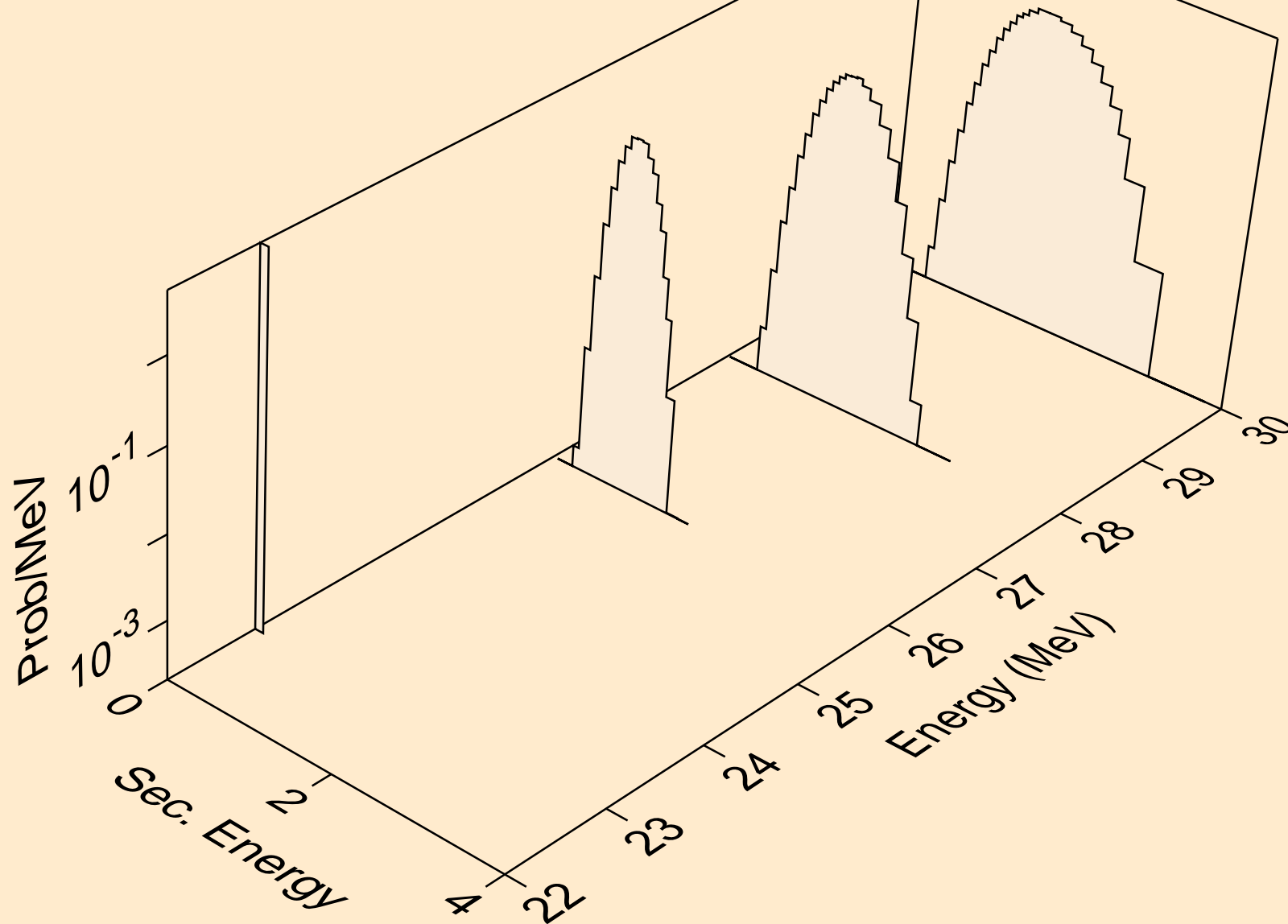
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,2n)a



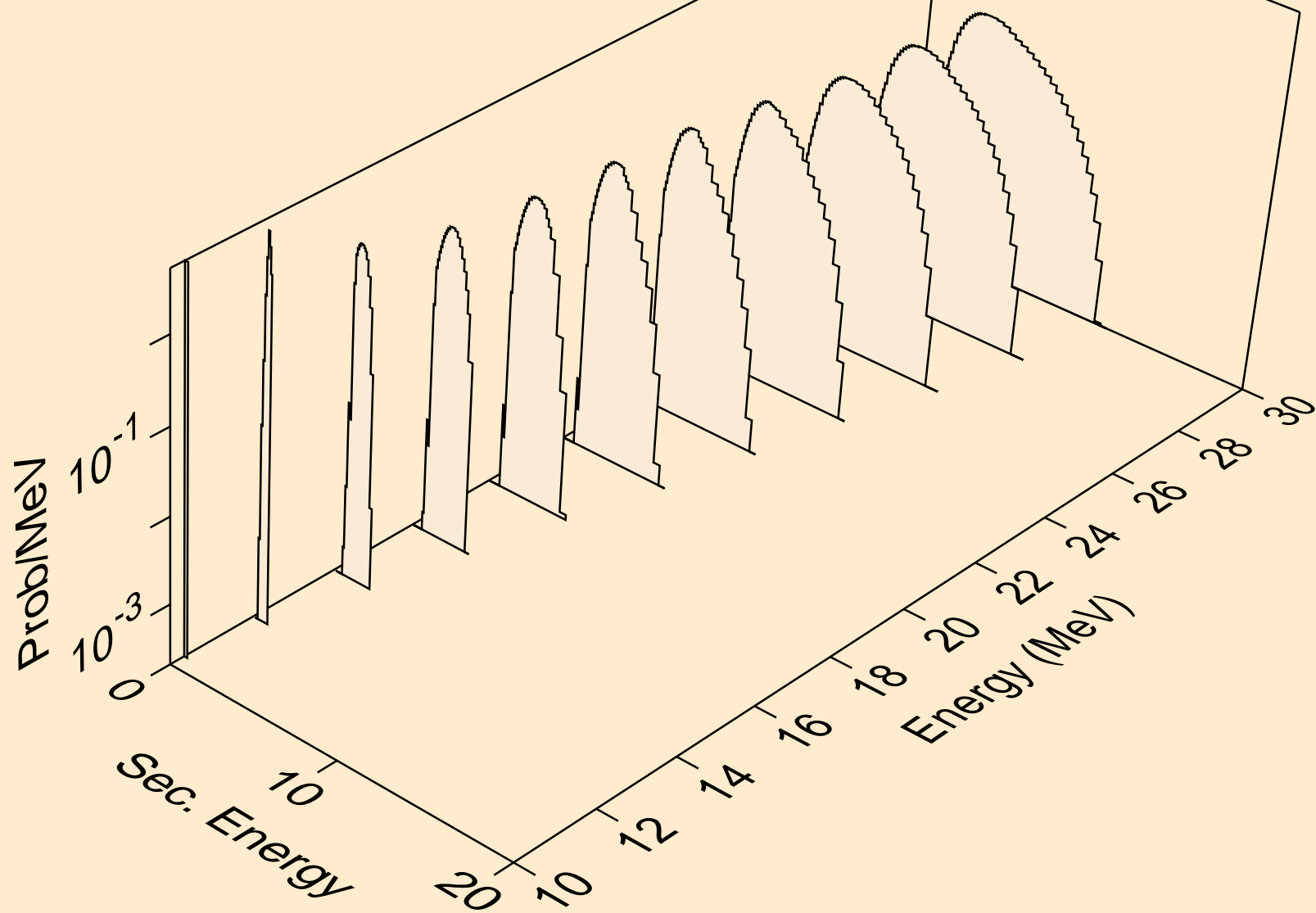
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,n\*)2a



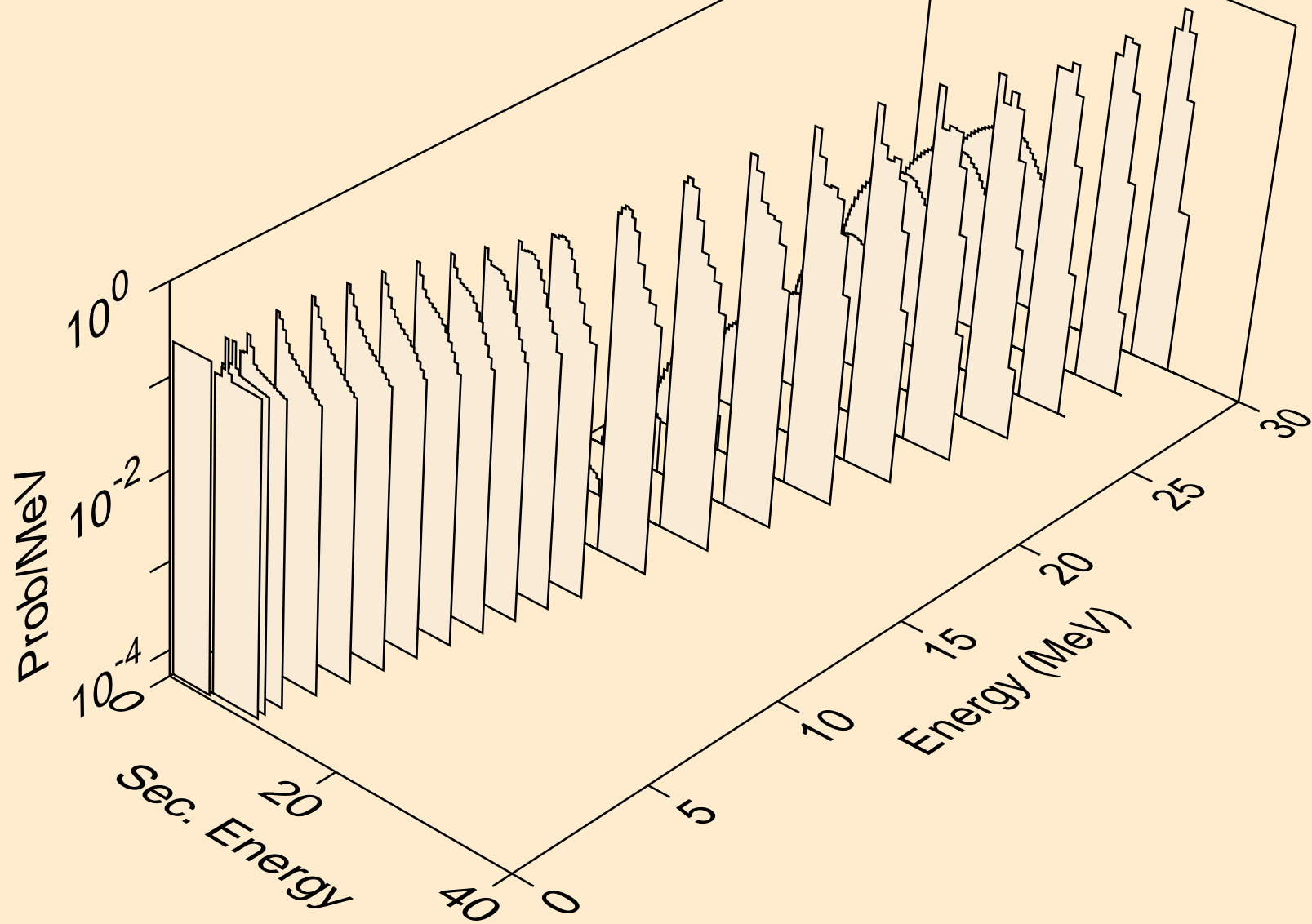
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,2n)2a



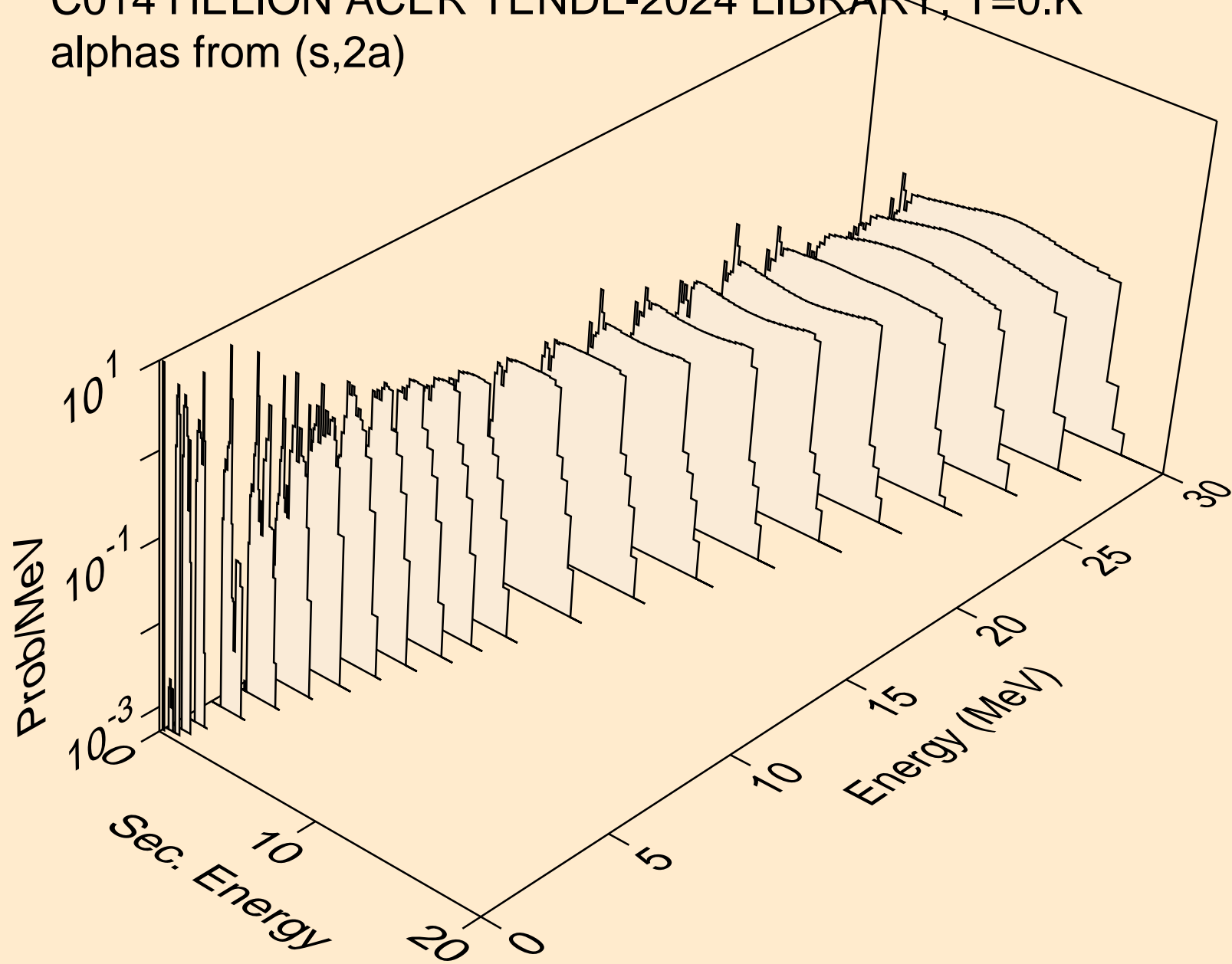
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,npa)



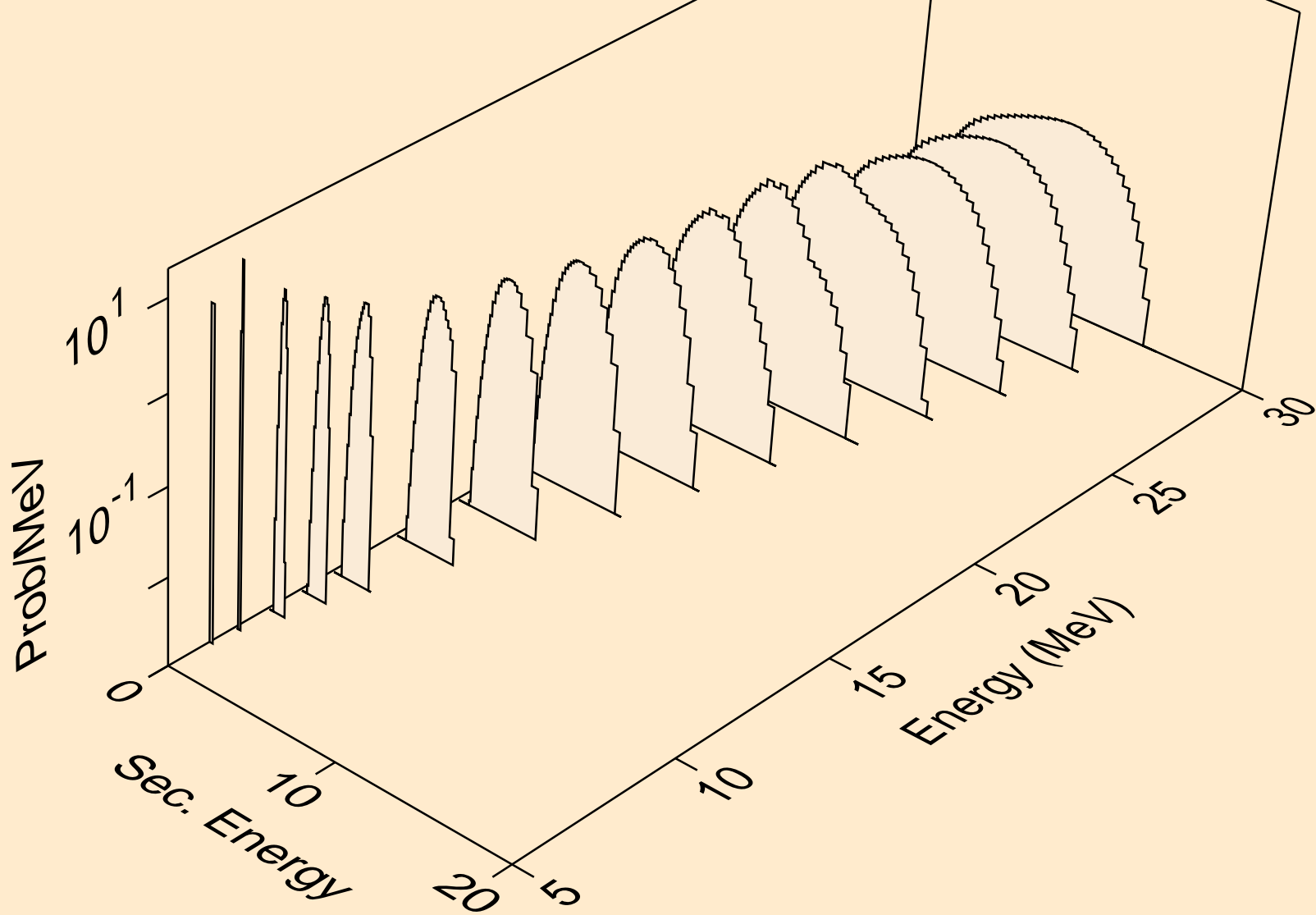
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,a)



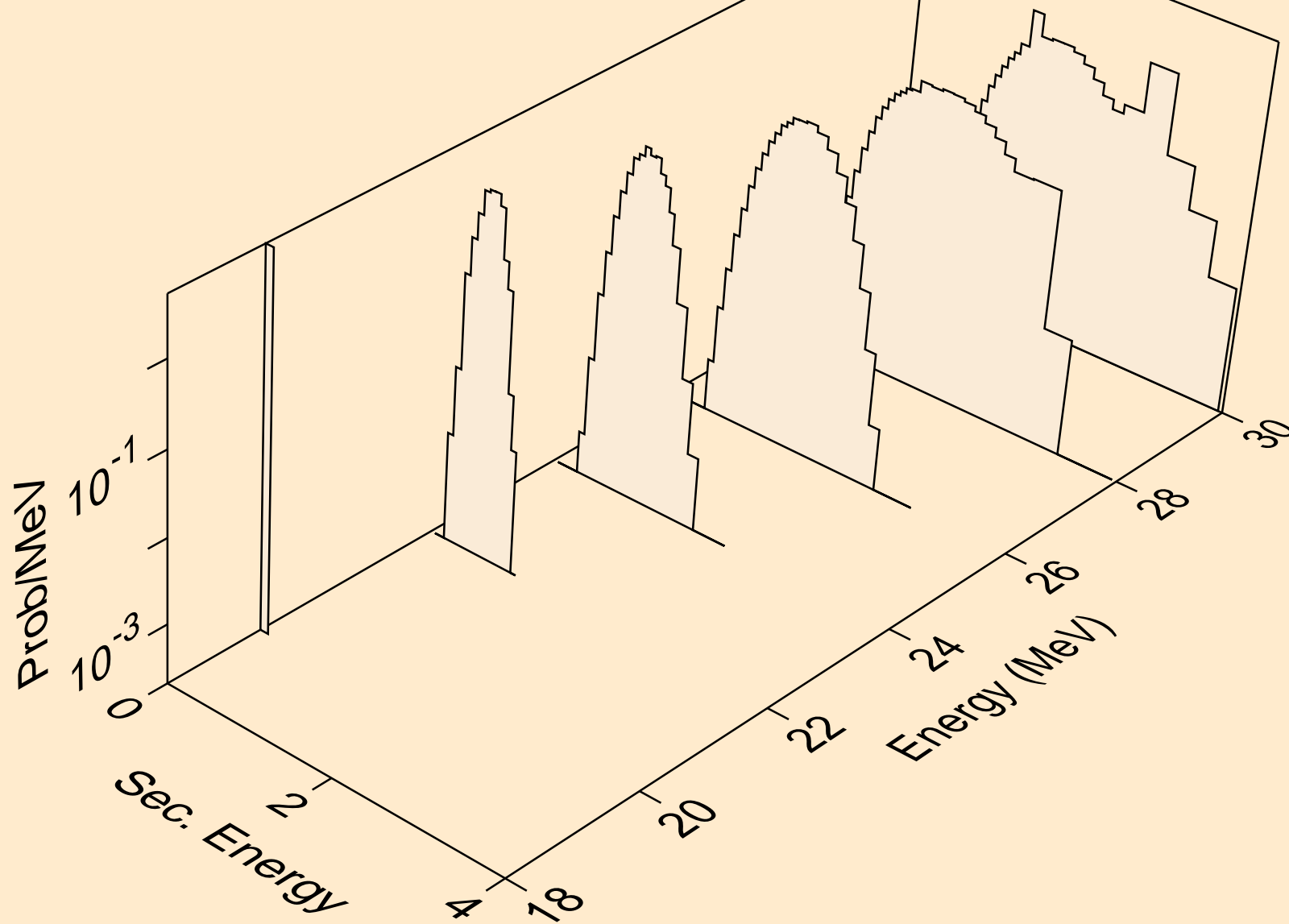
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,2a)



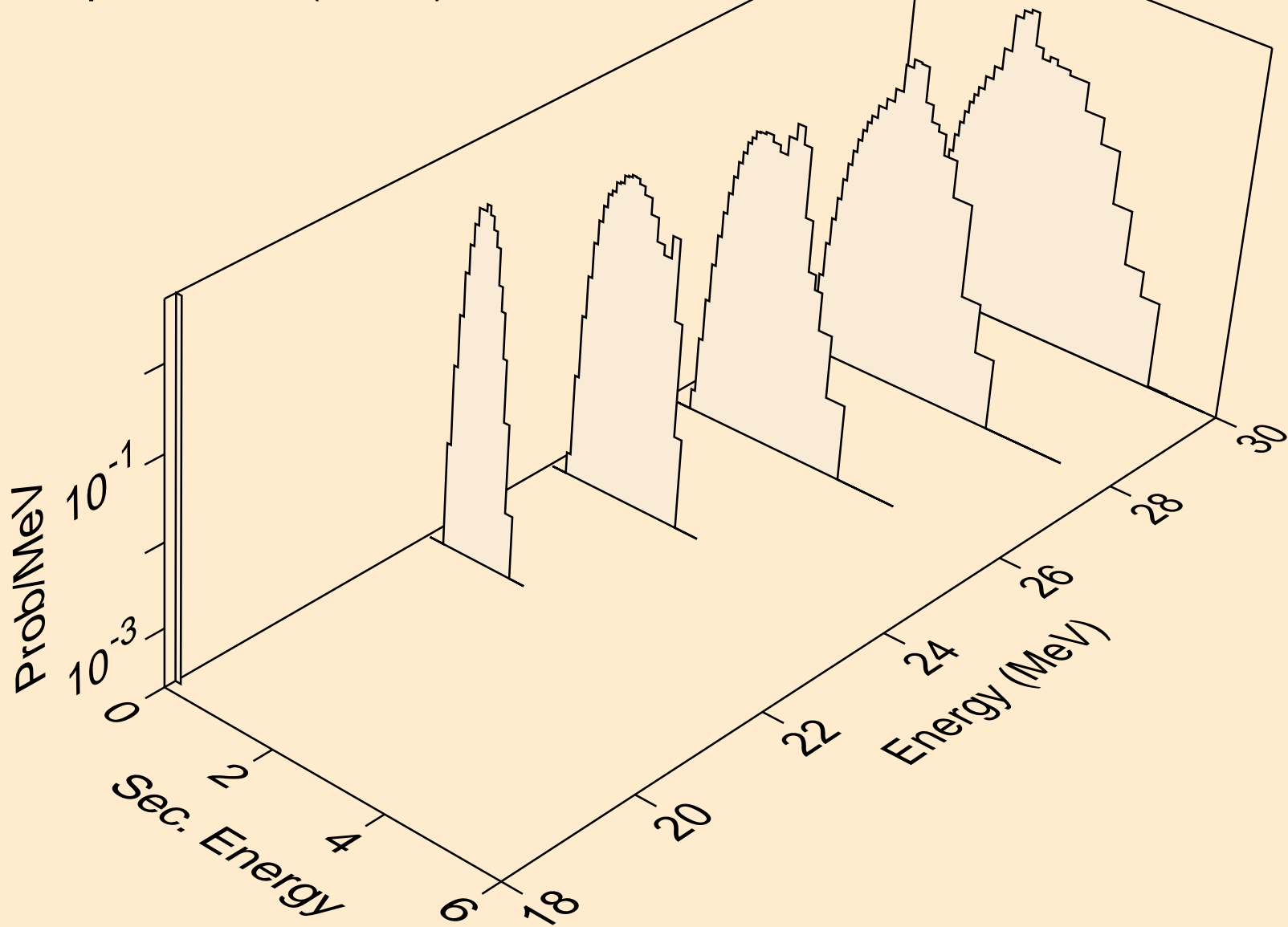
C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,pa)



C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,t2a)



C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,d2a)



C014 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,da)

