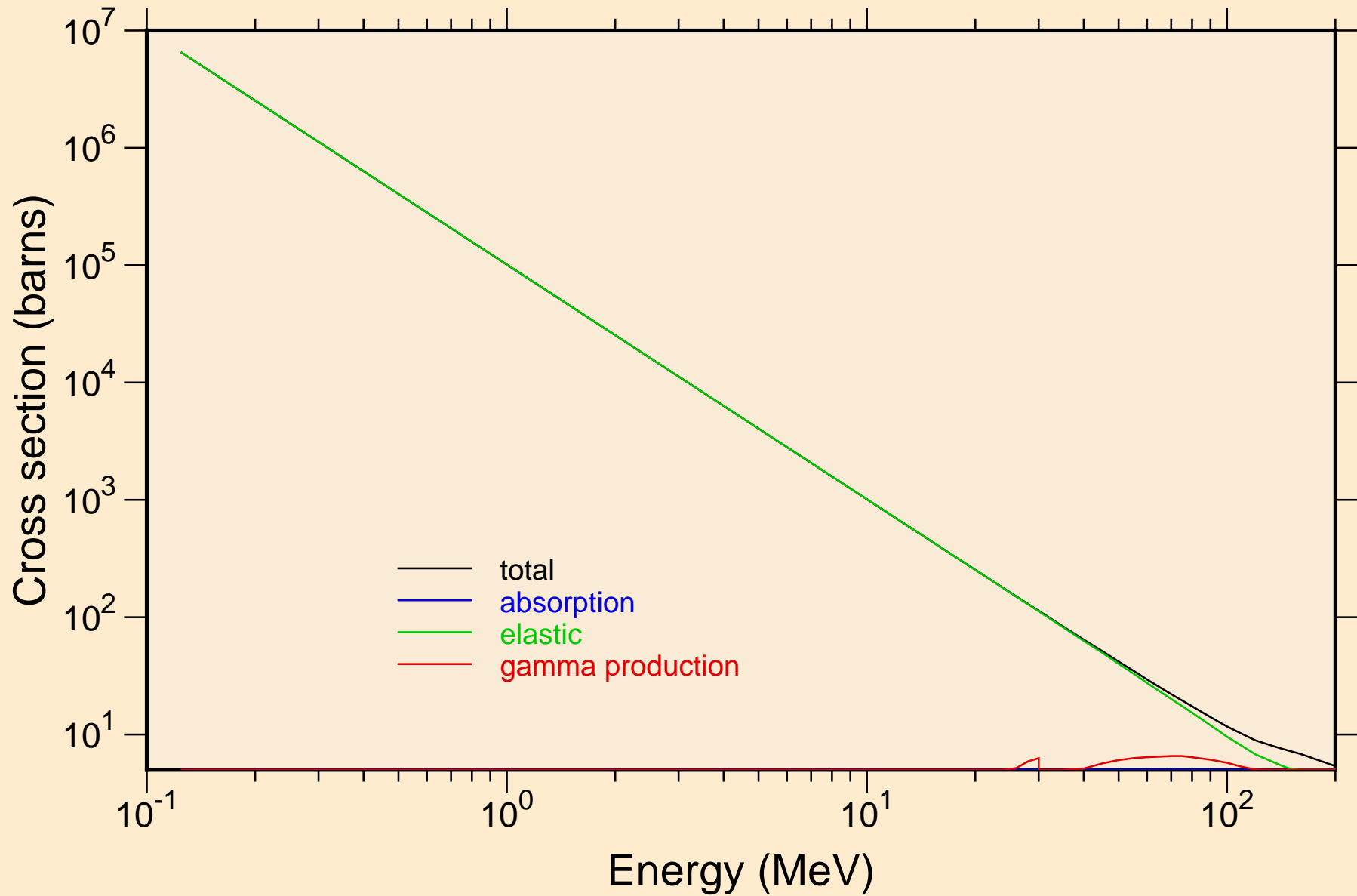
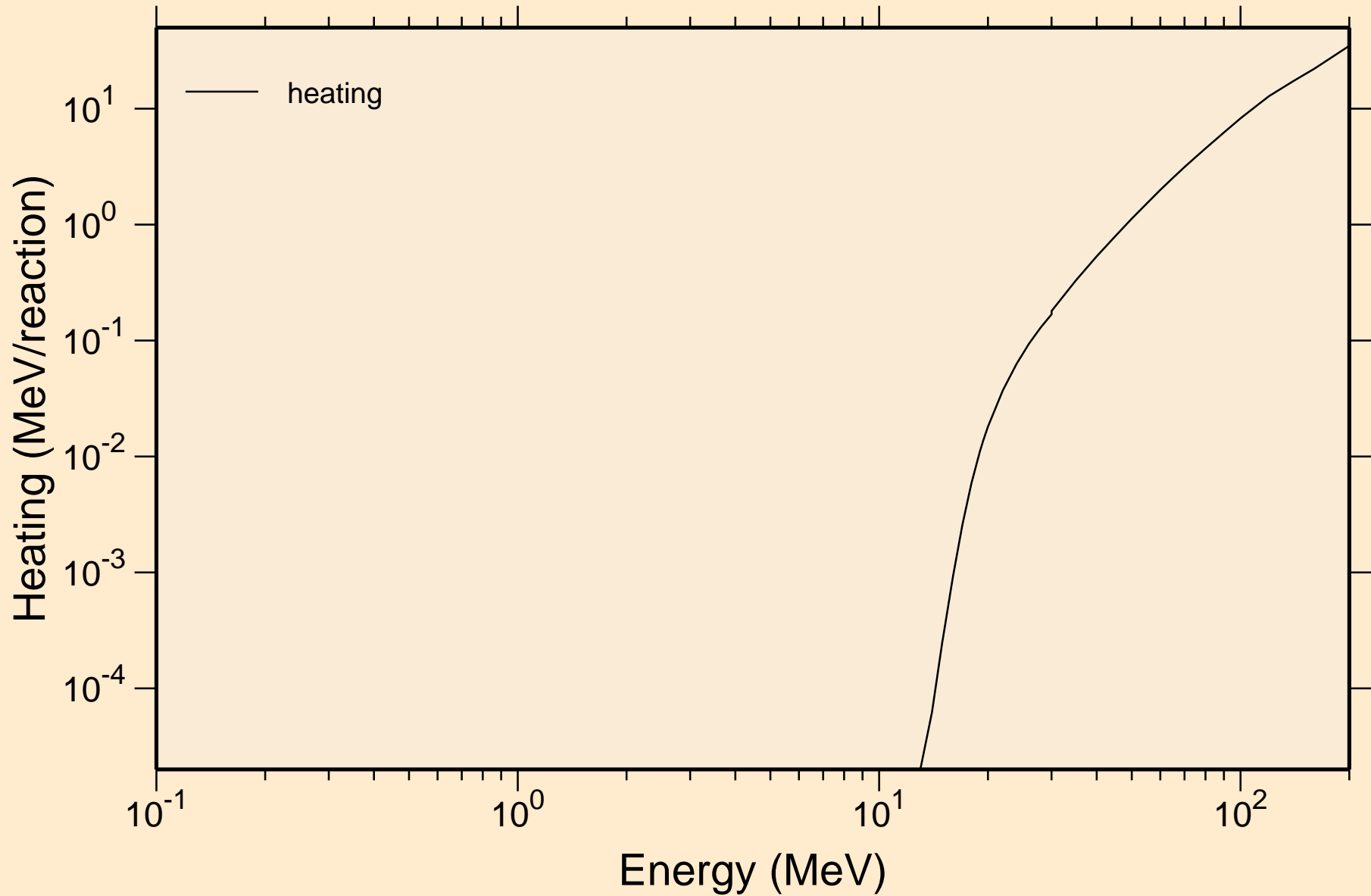


EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



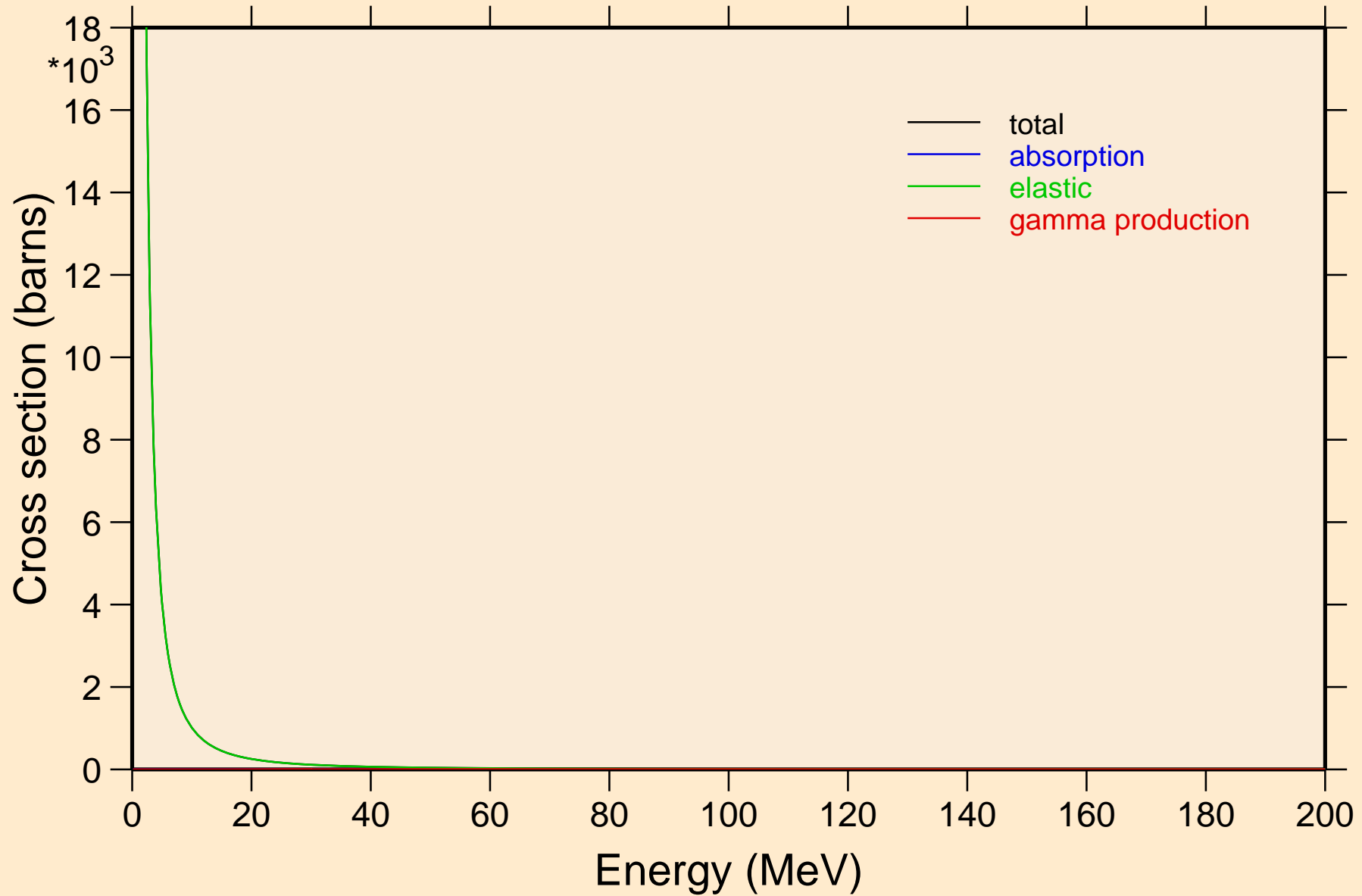
# EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Heating



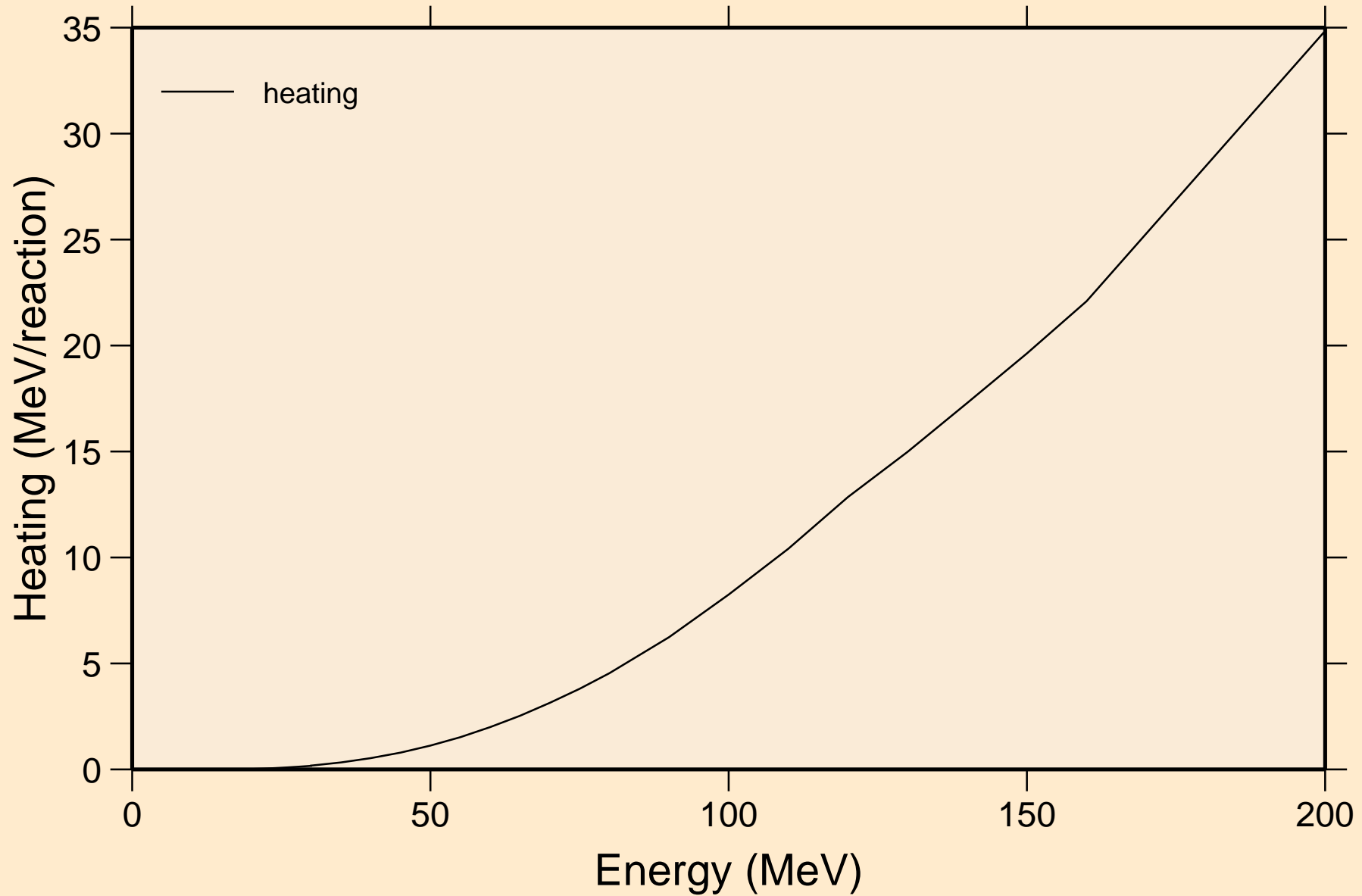
# EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



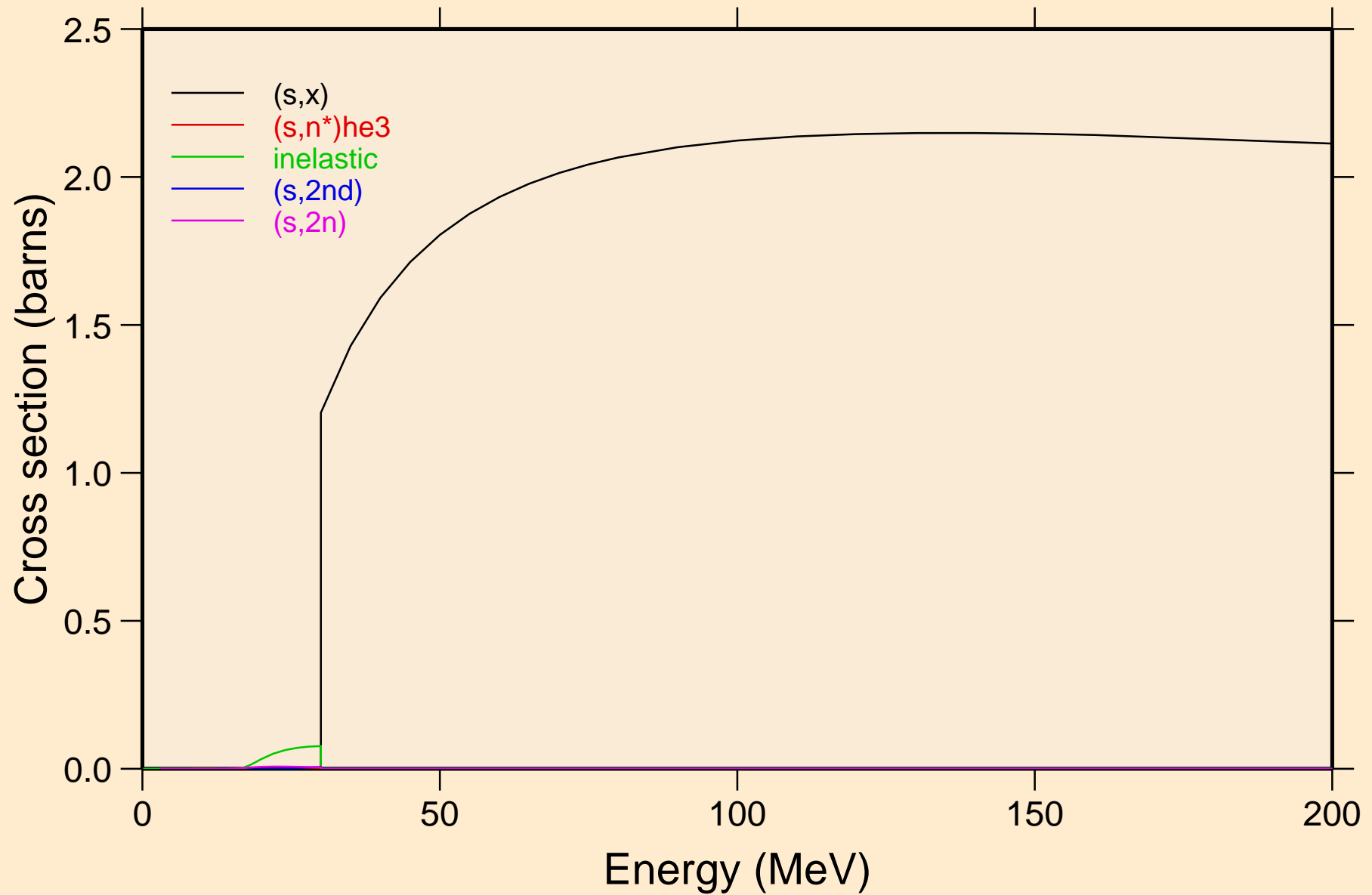
# EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Heating



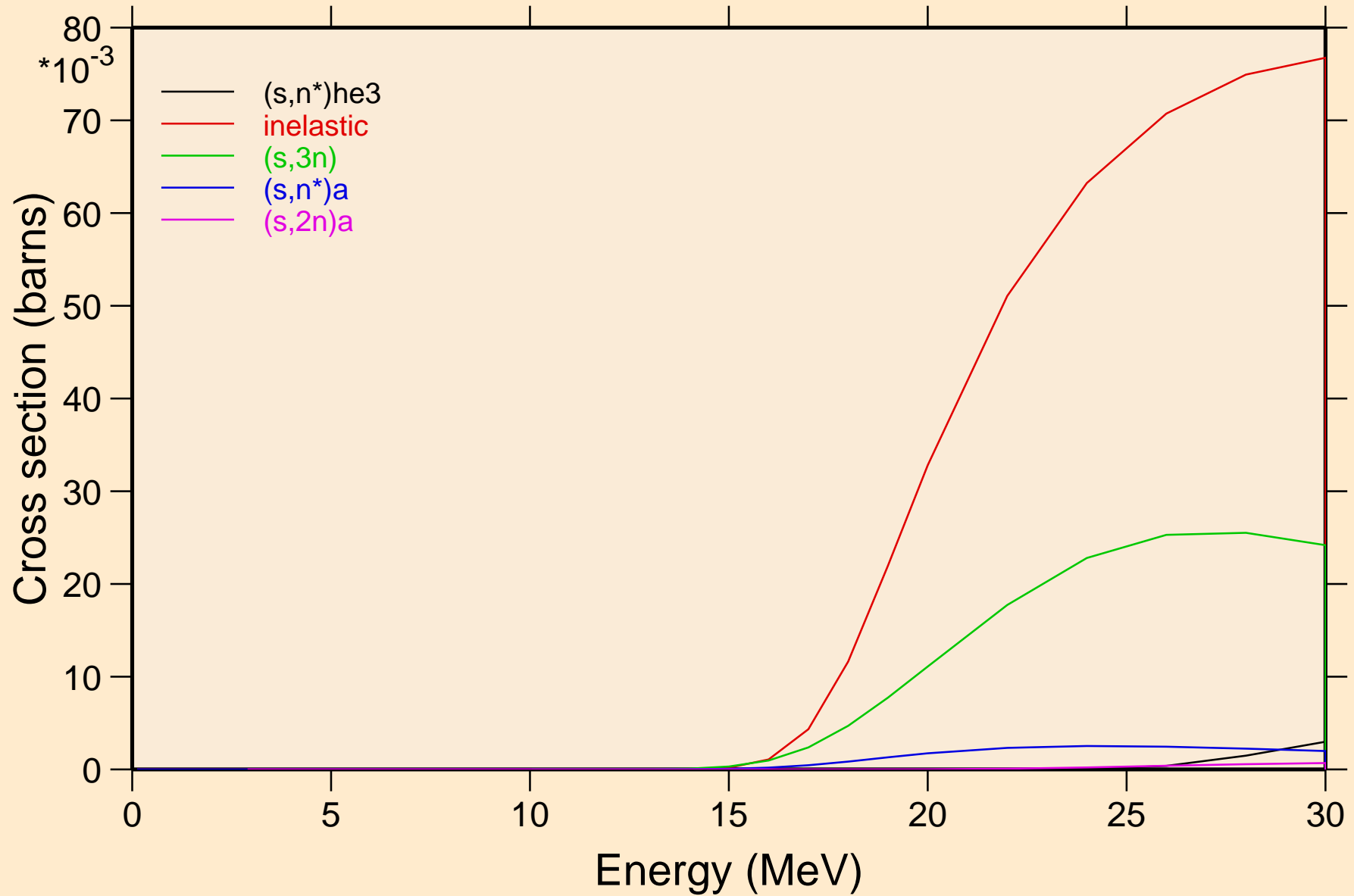
# EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

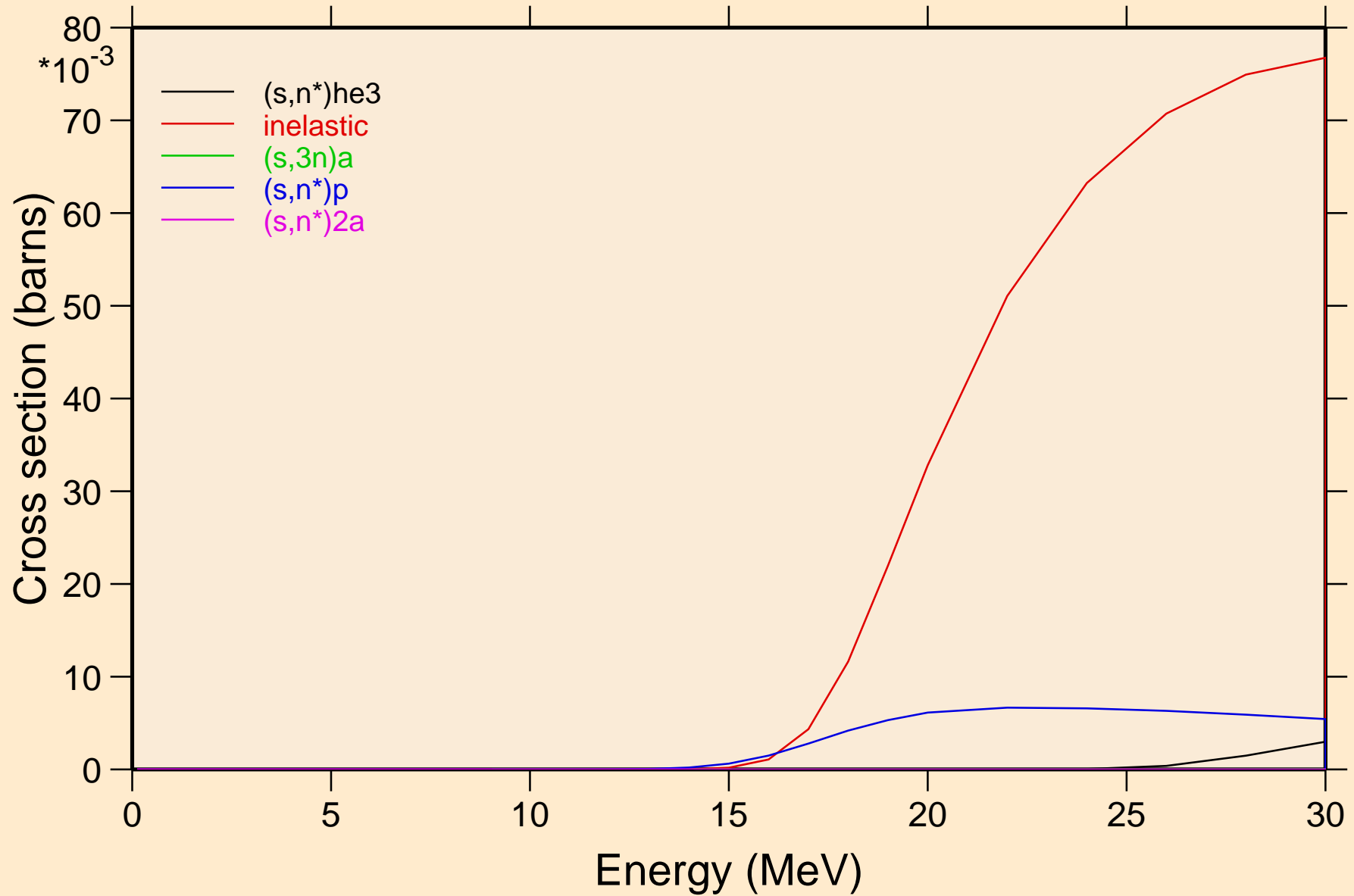


# EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K

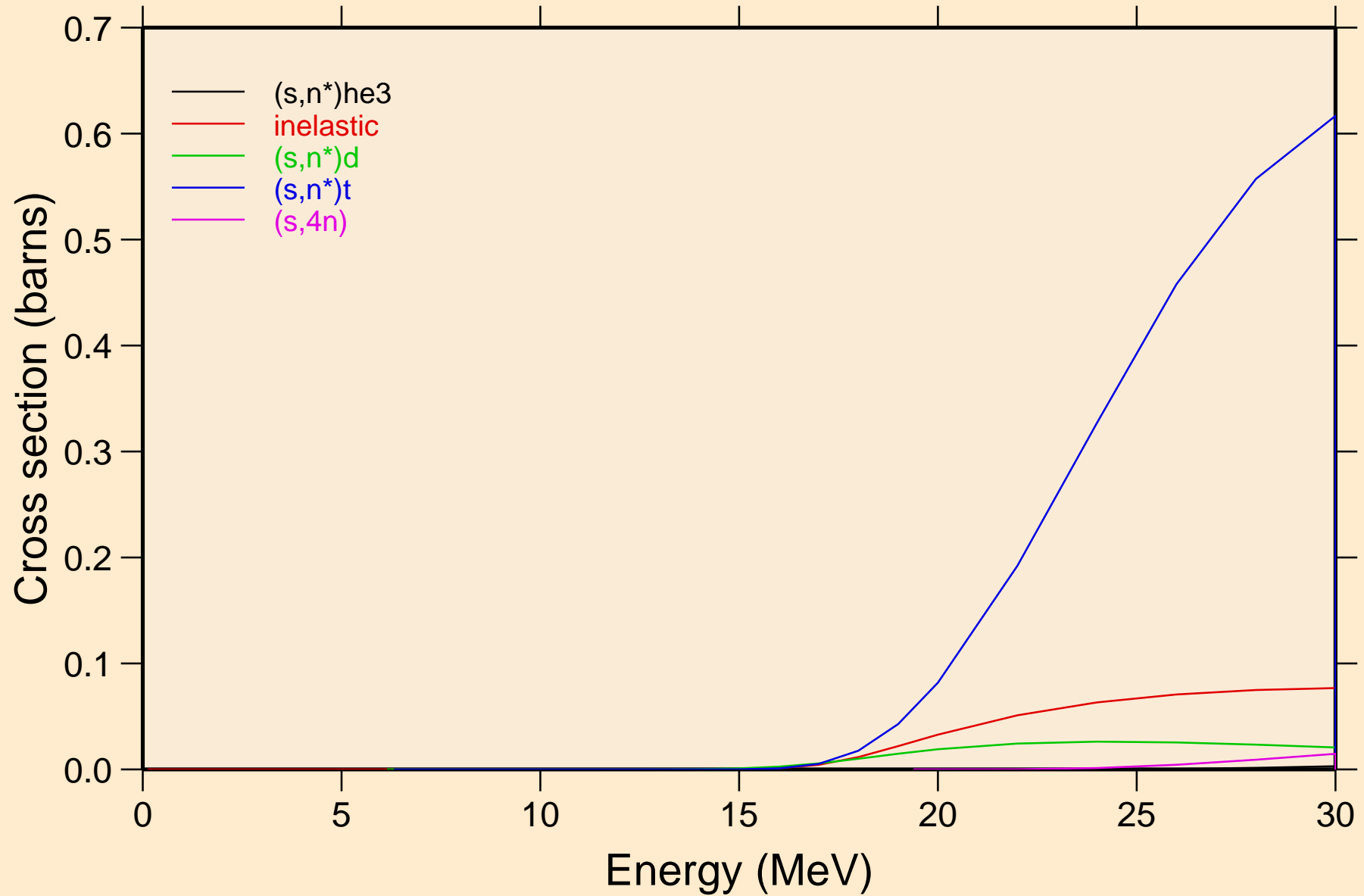
## Threshold reactions



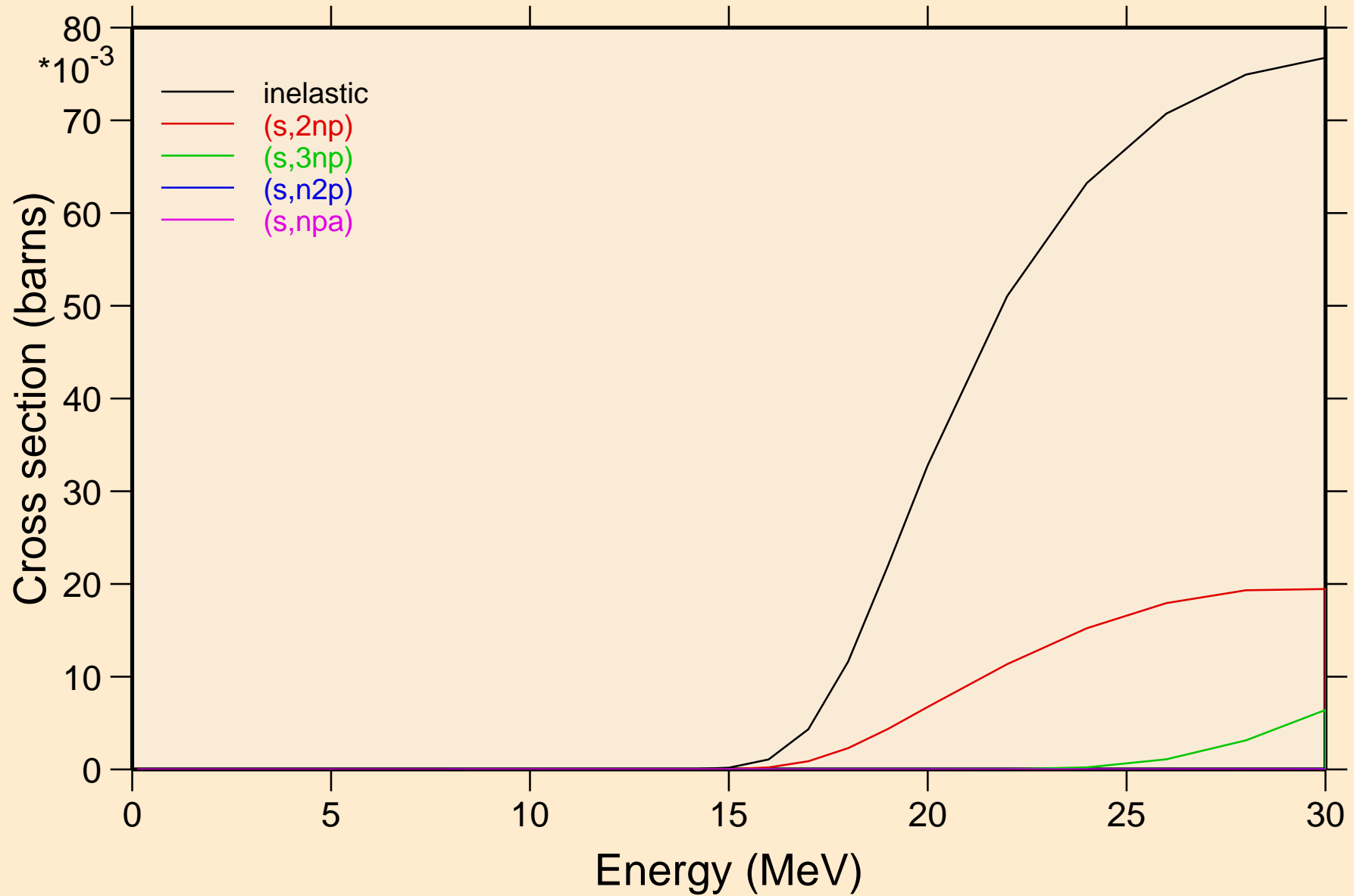
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



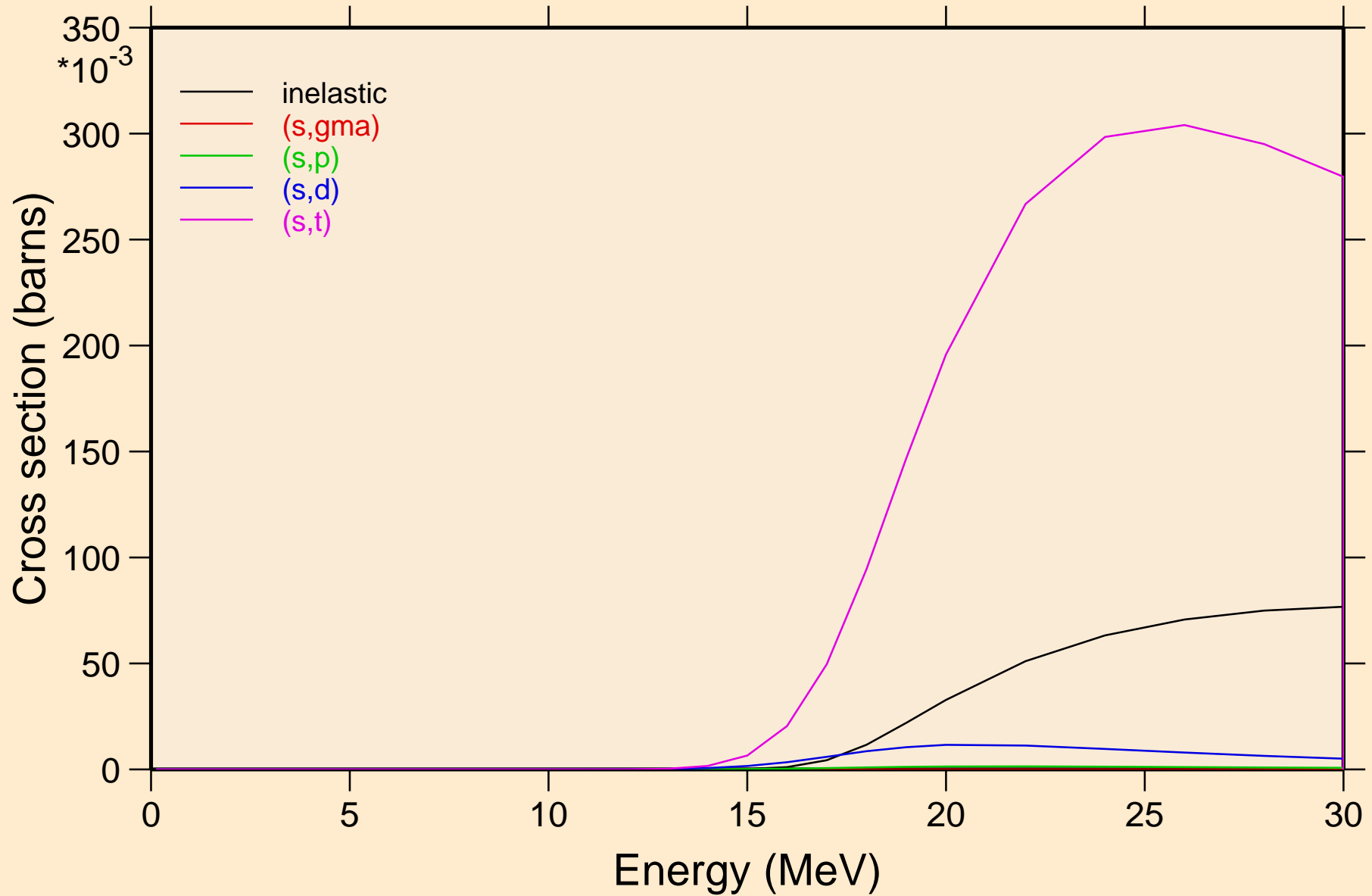
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

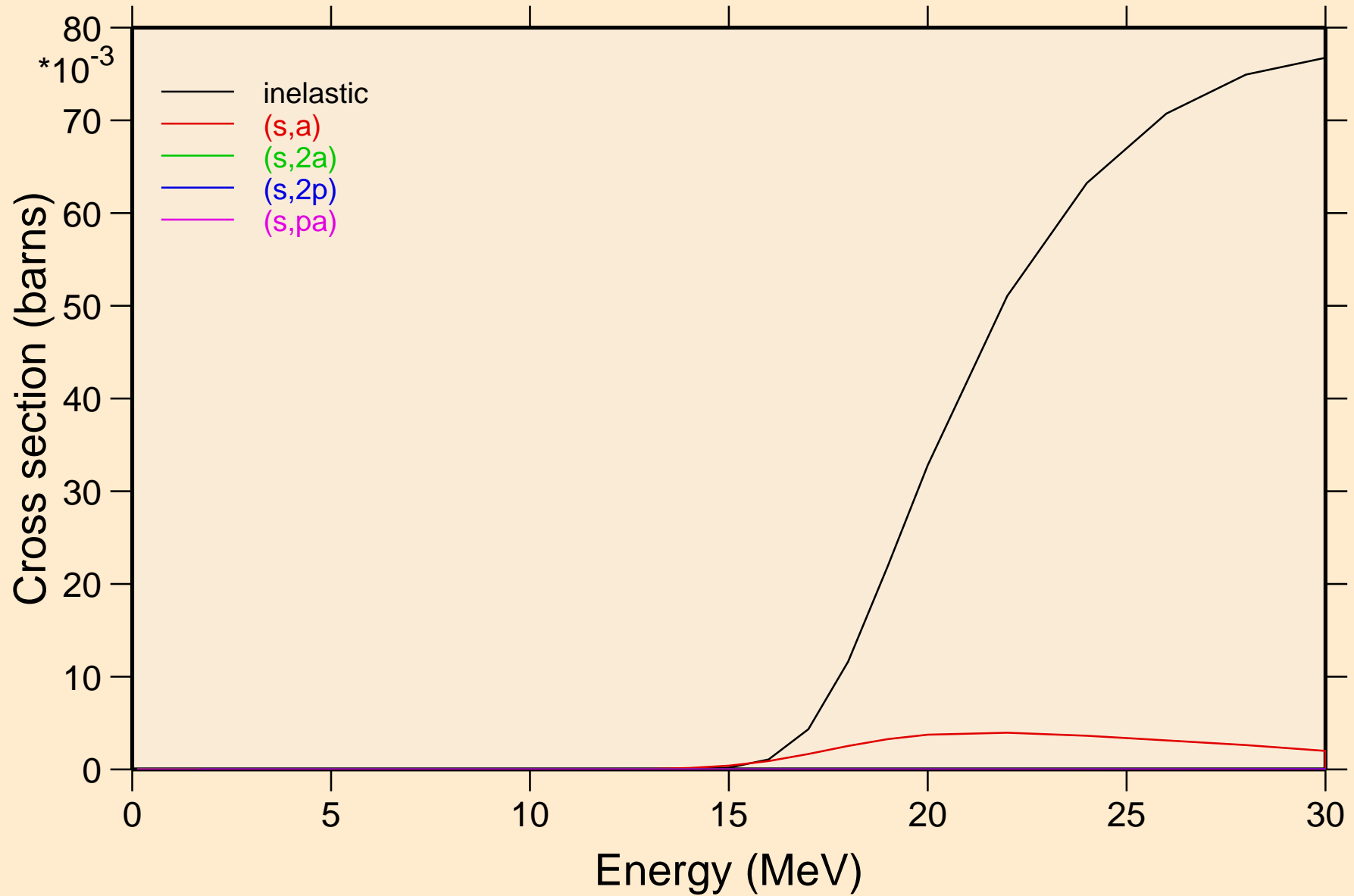


EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

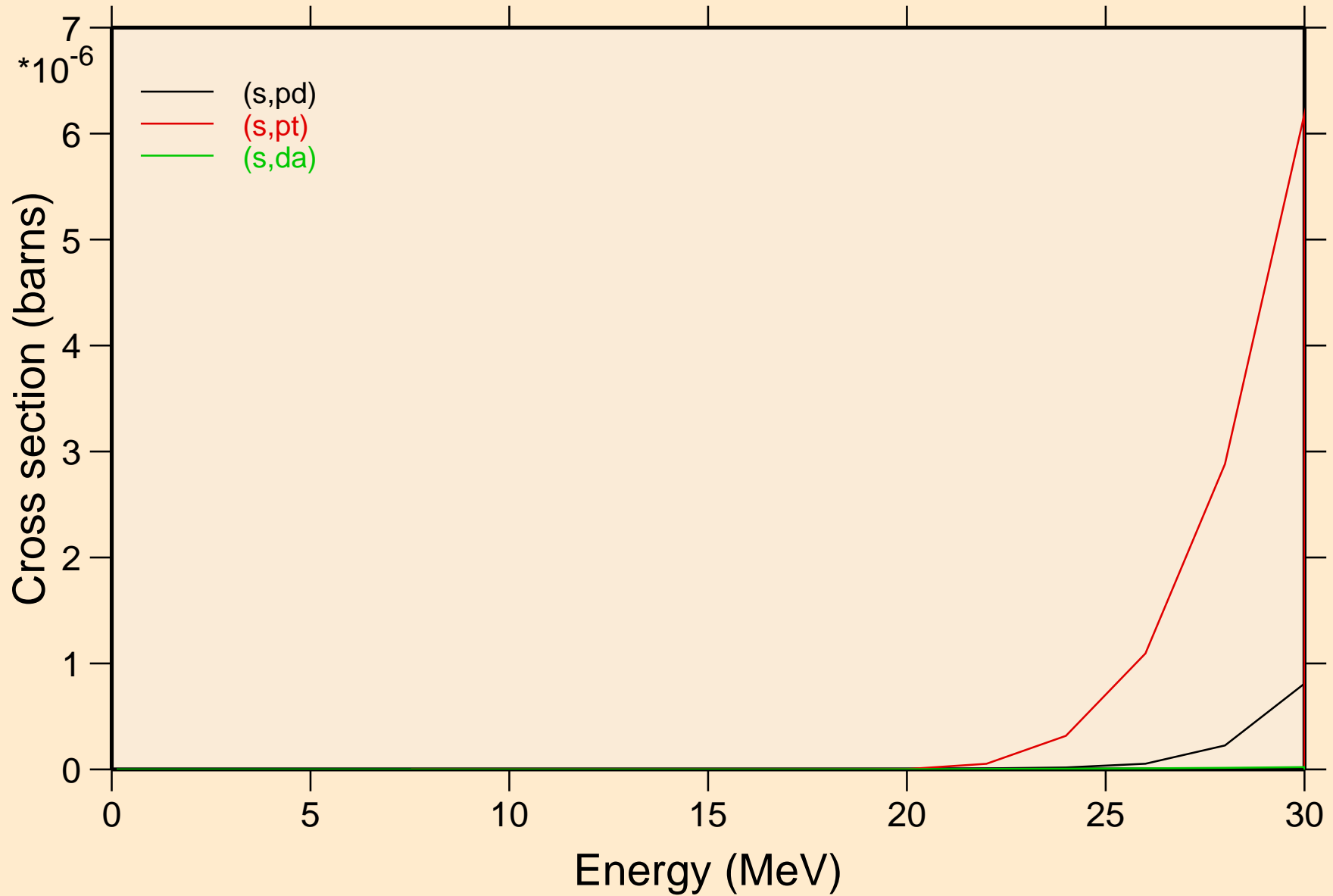


# EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K

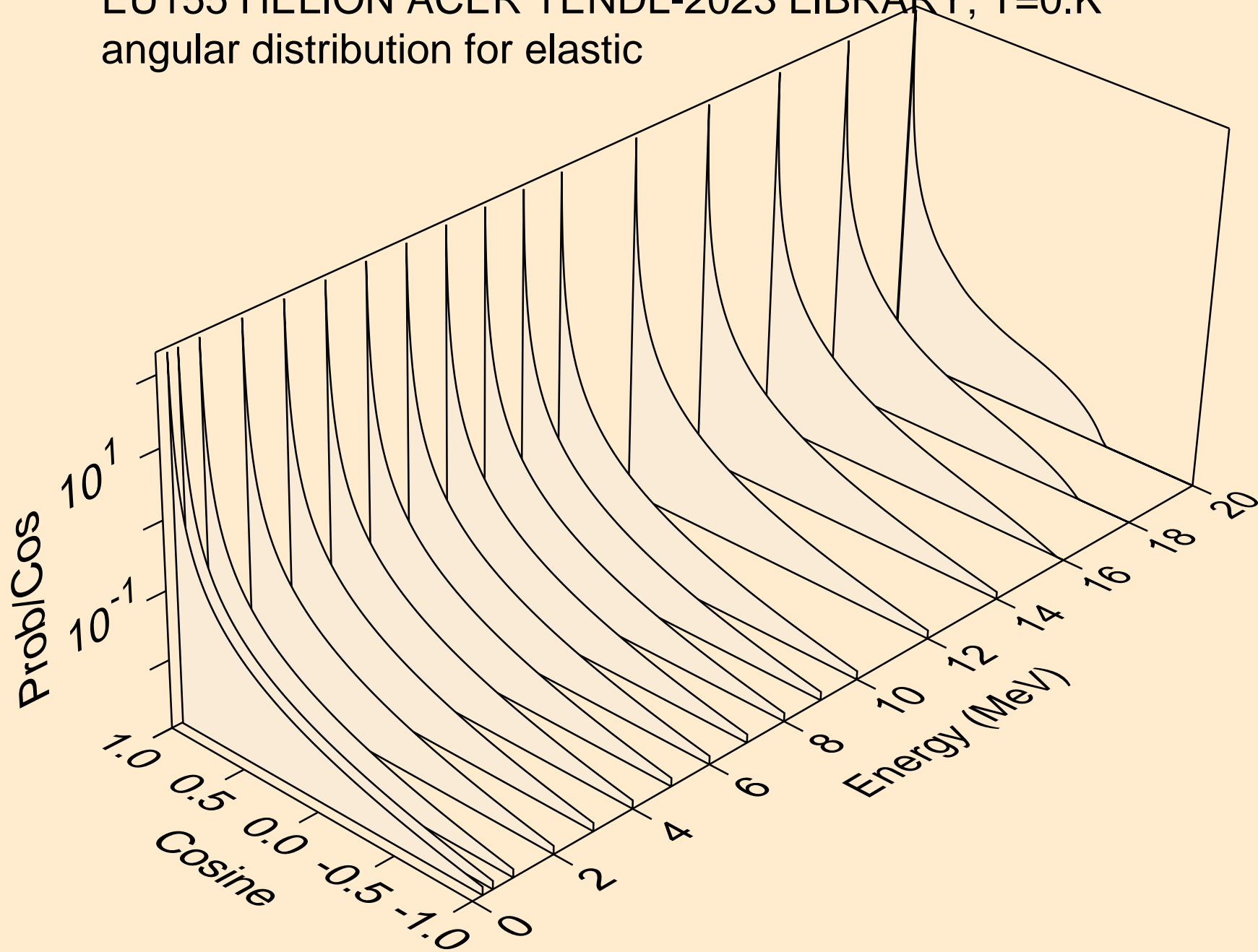
## Threshold reactions



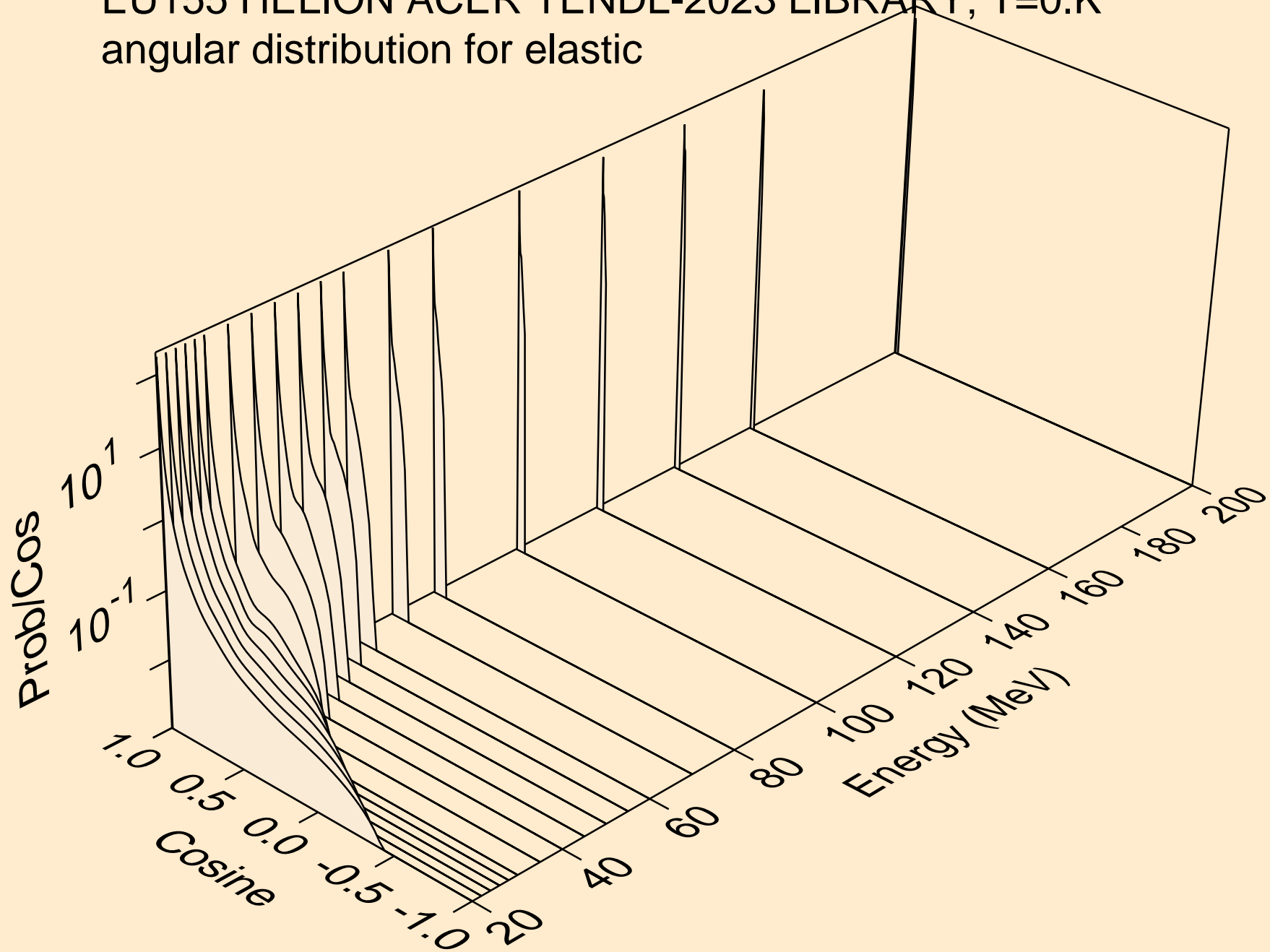
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



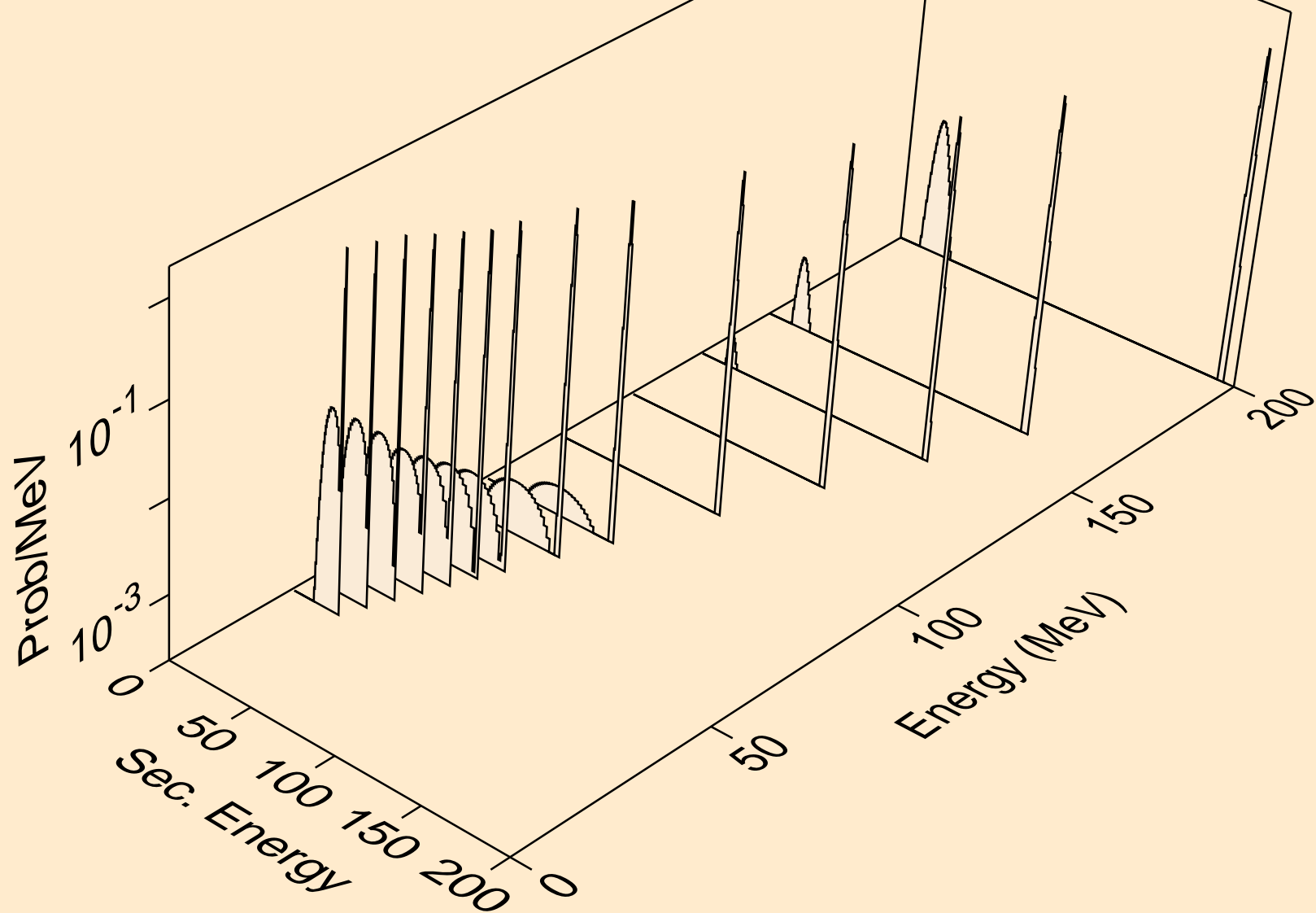
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



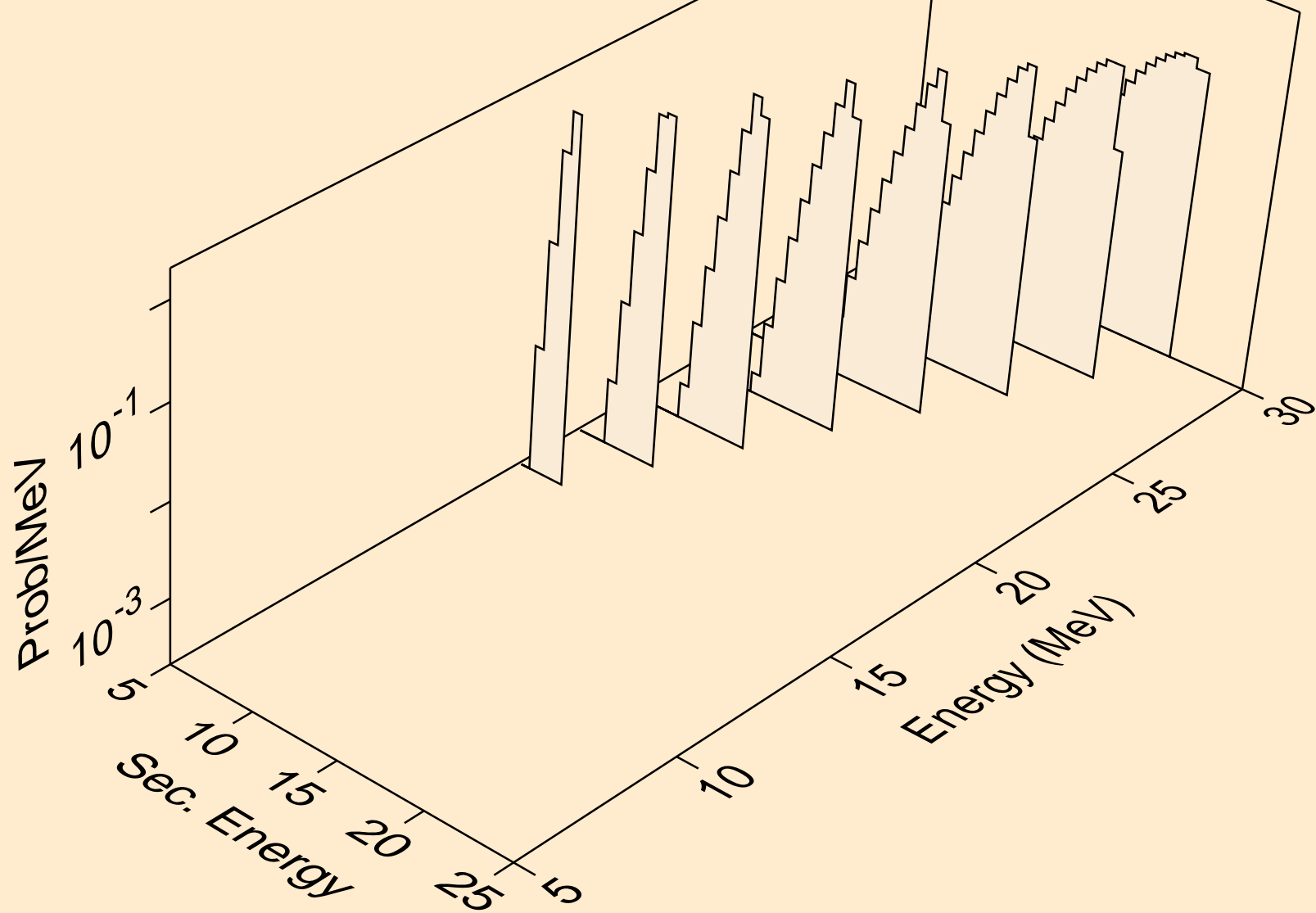
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



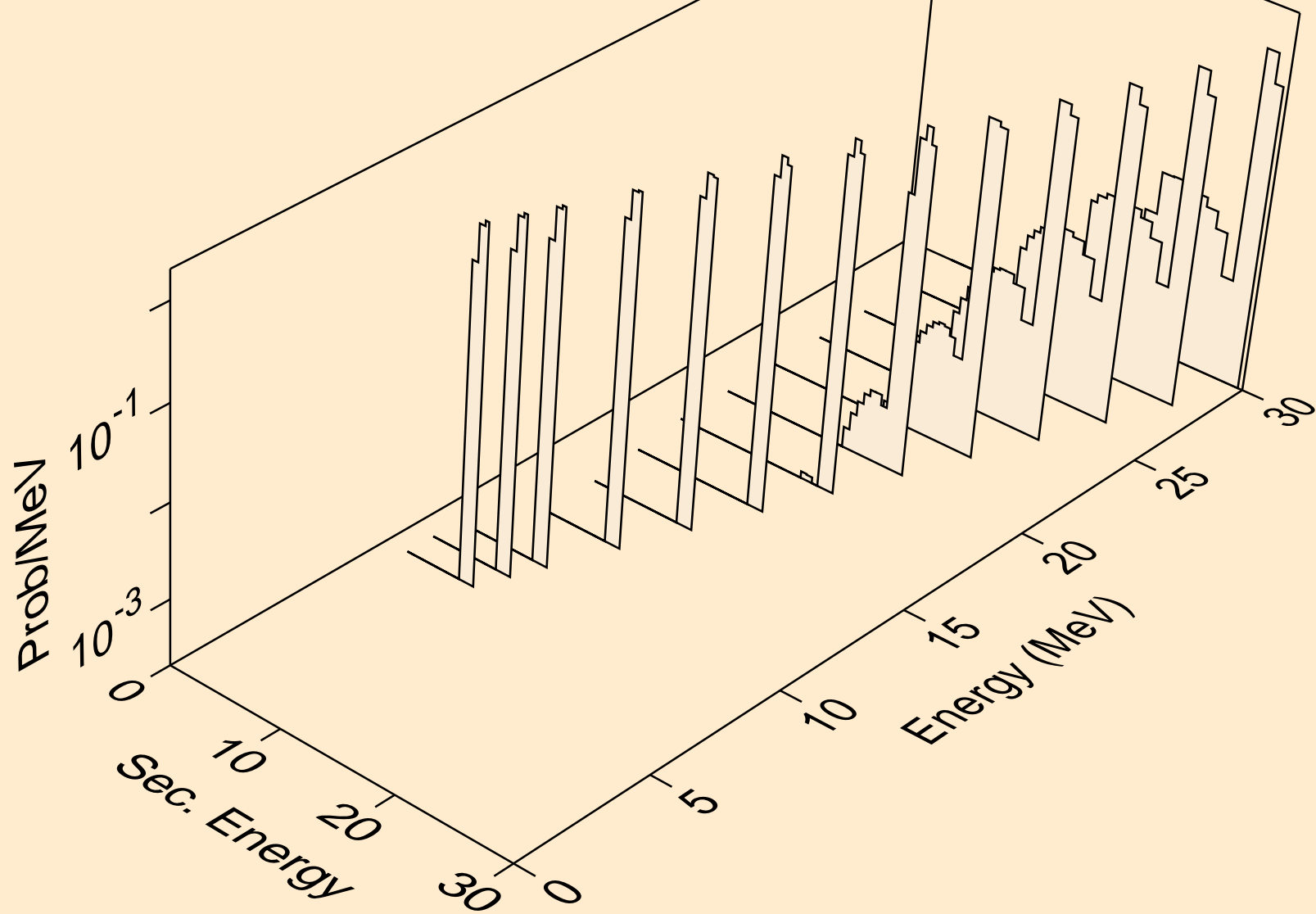
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,x)



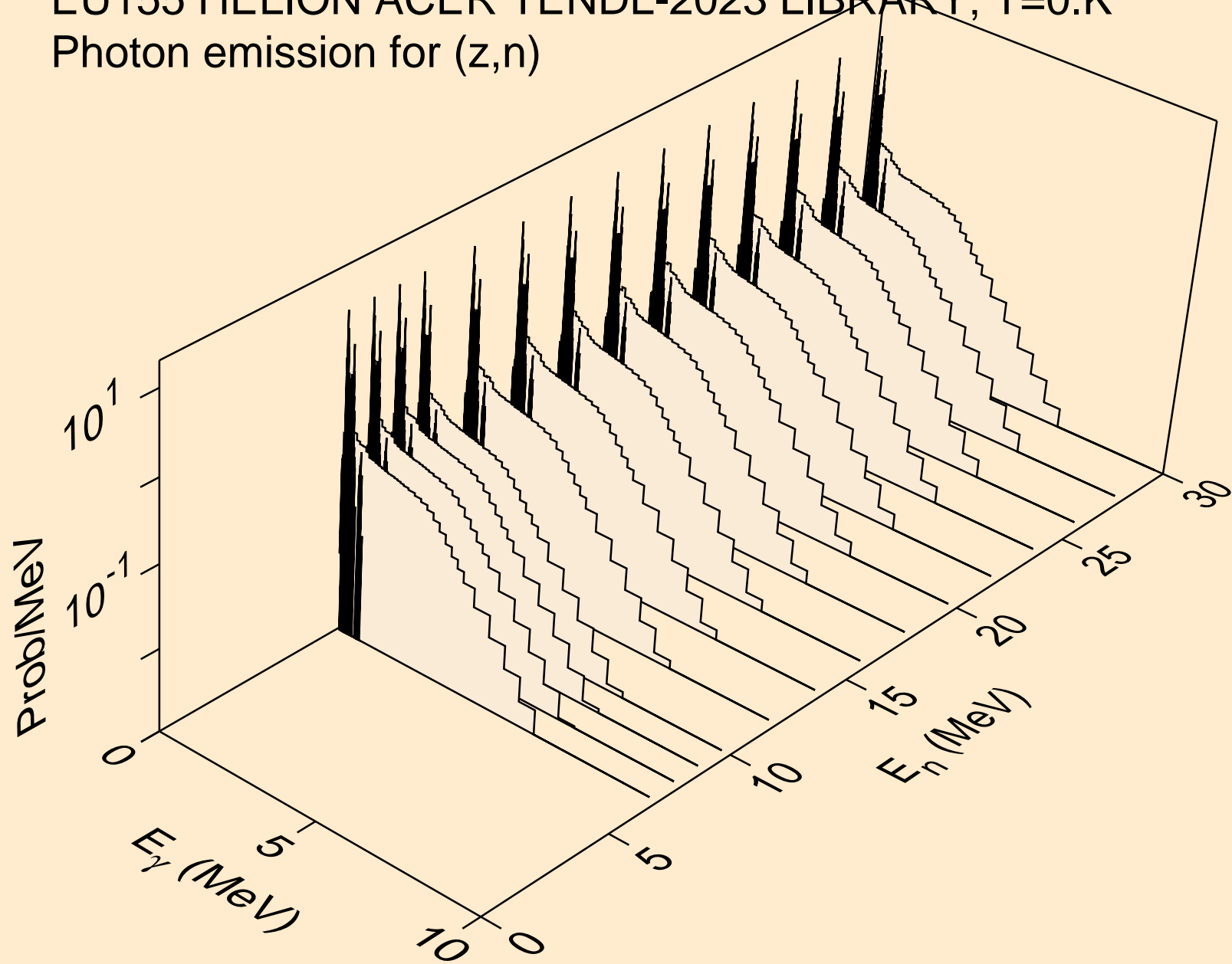
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3



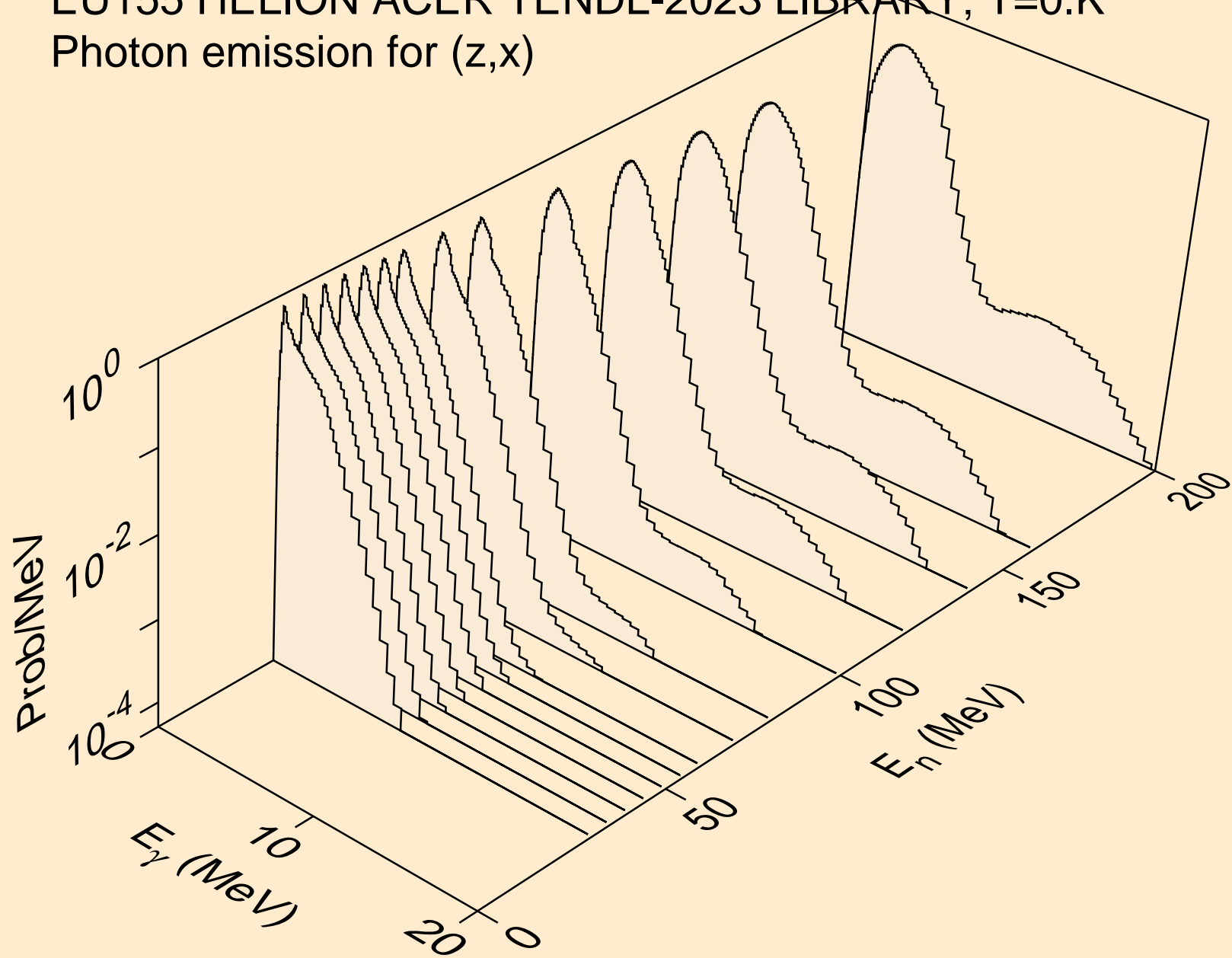
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for inelastic



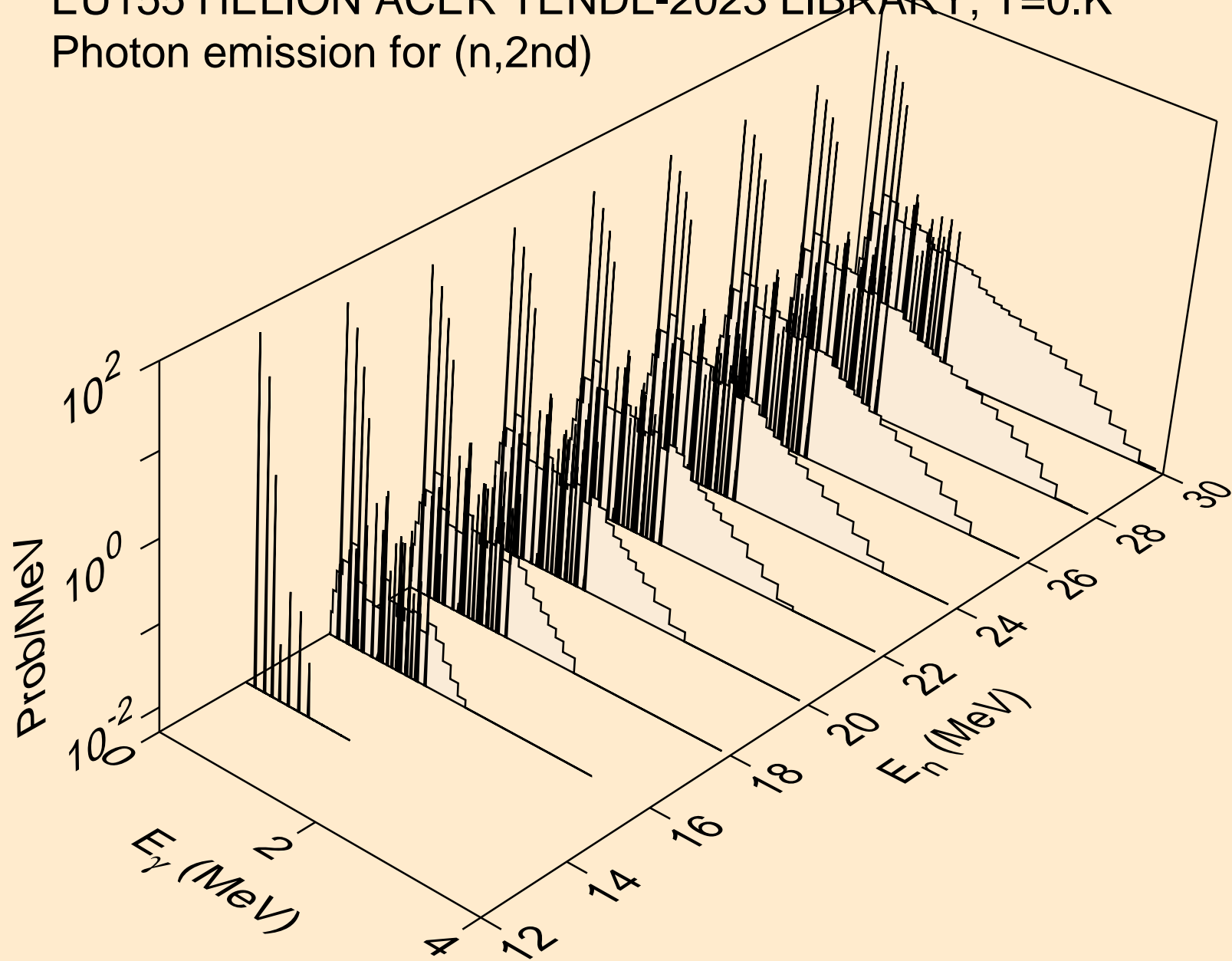
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



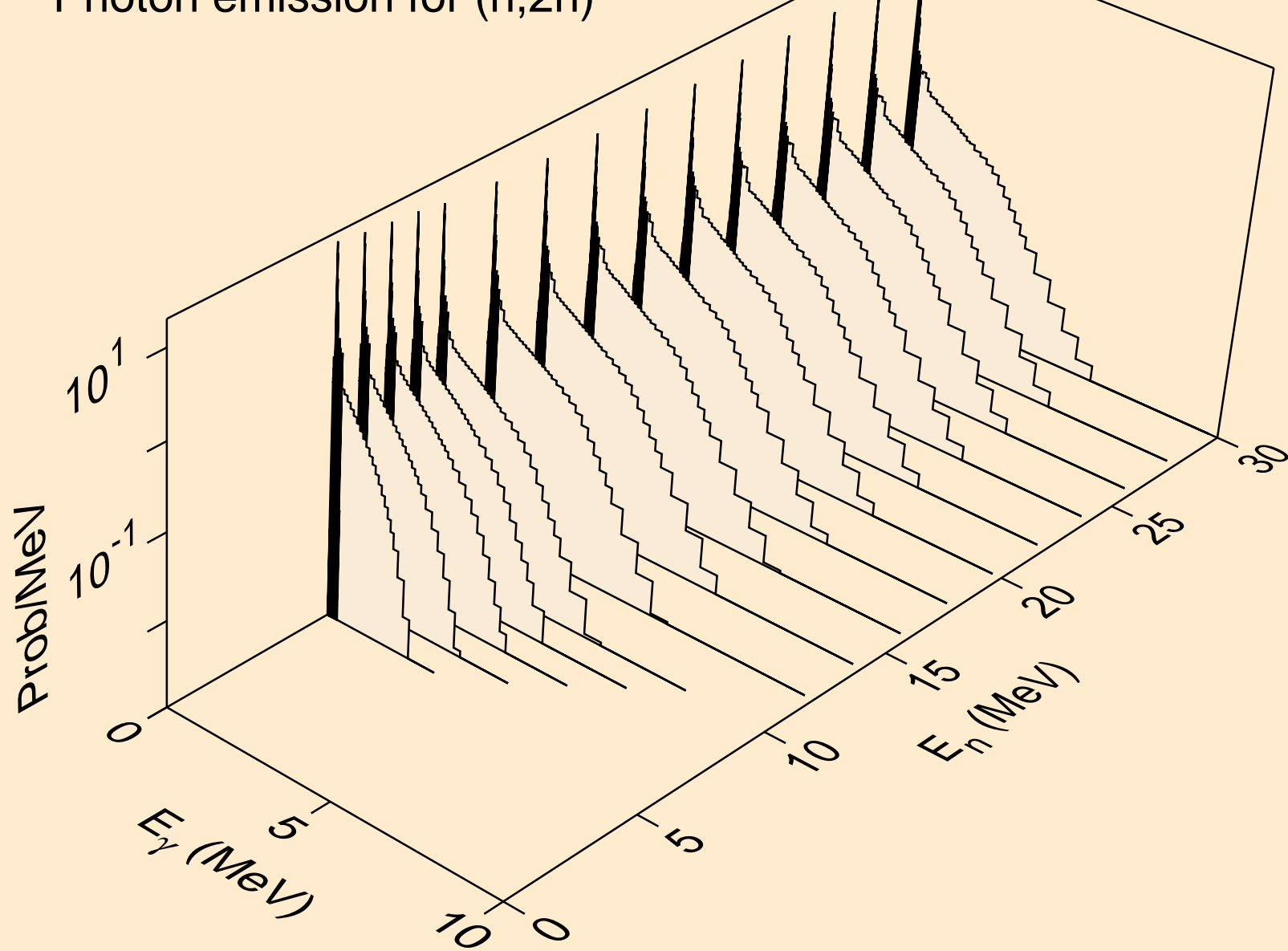
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



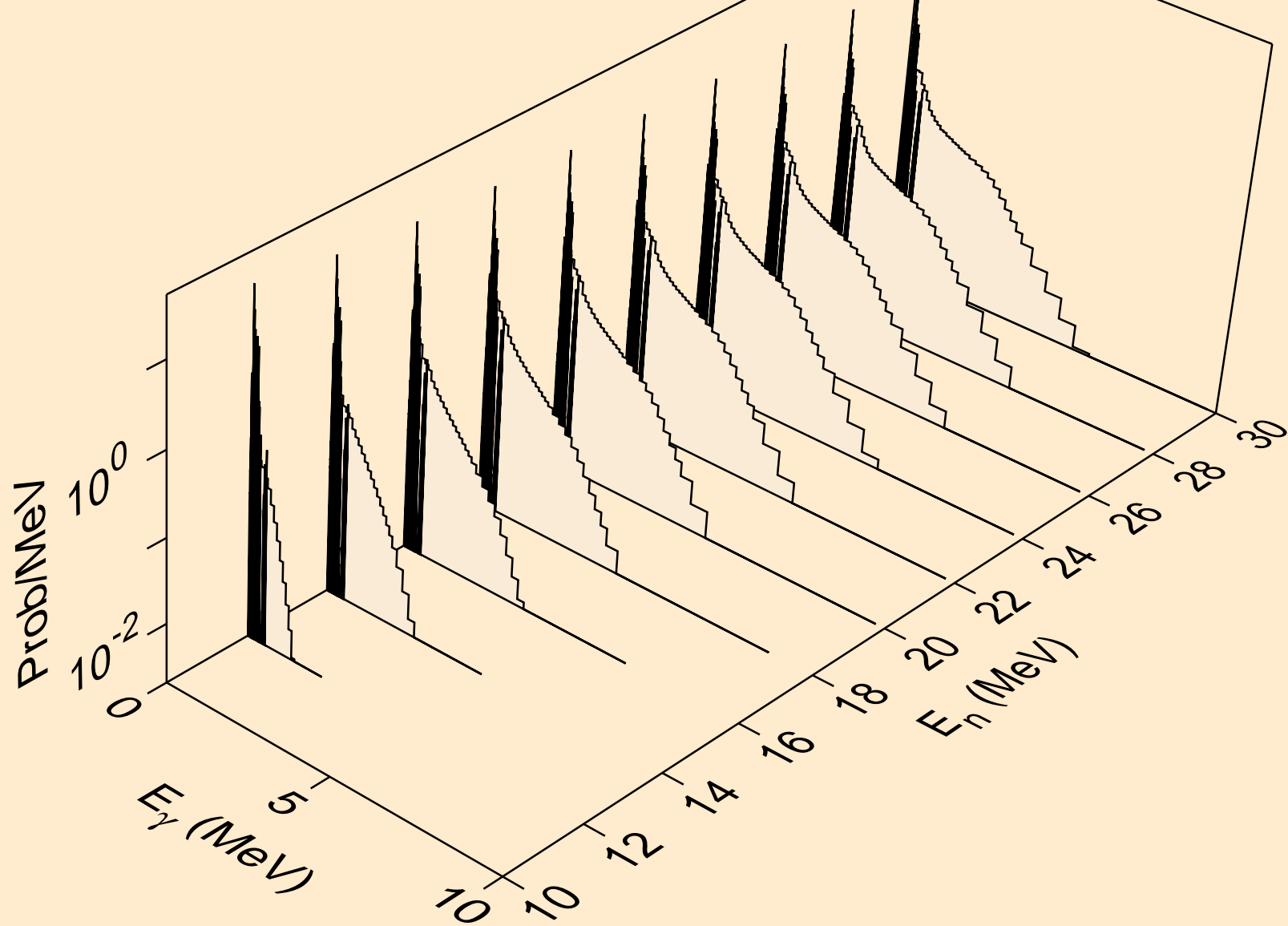
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



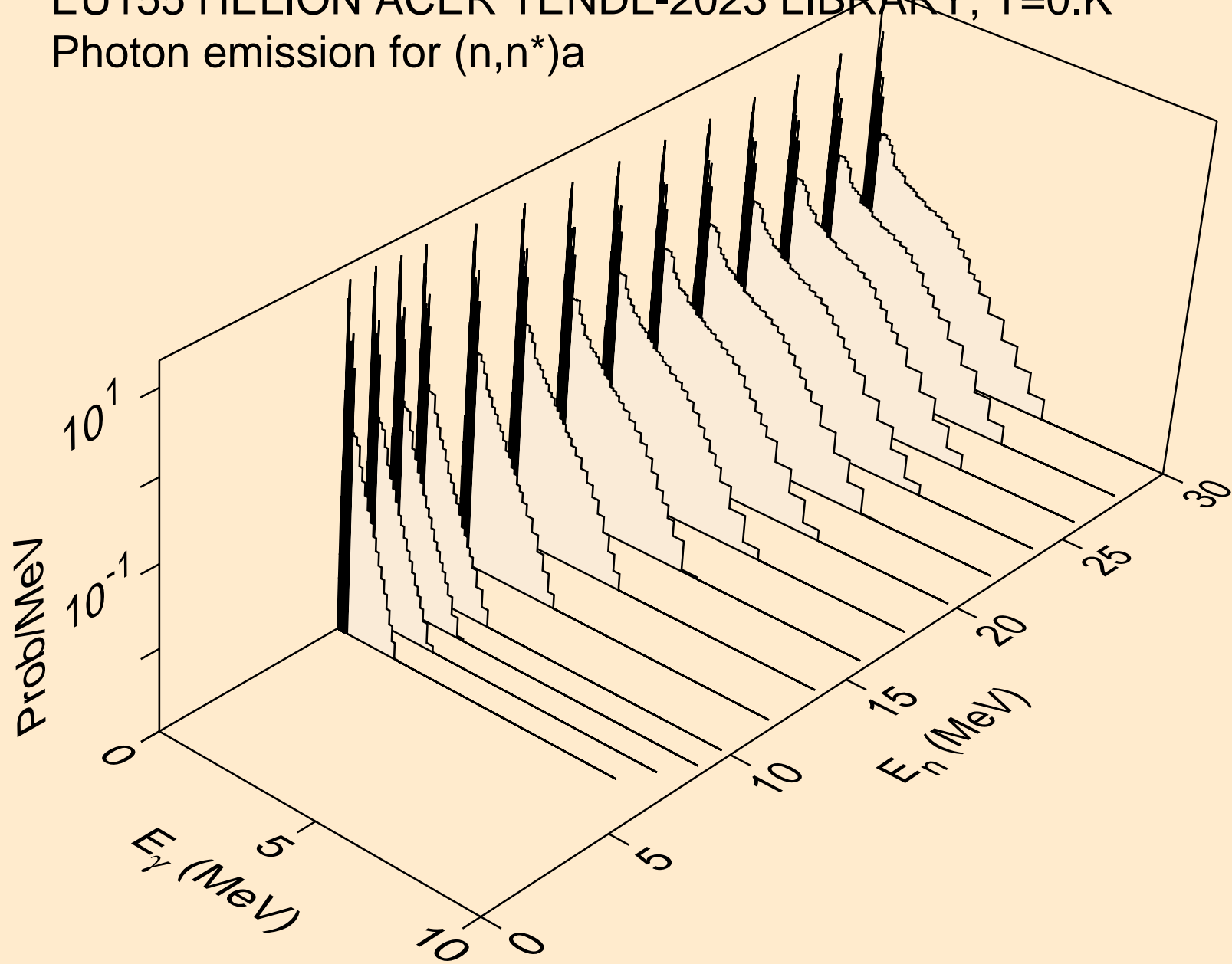
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



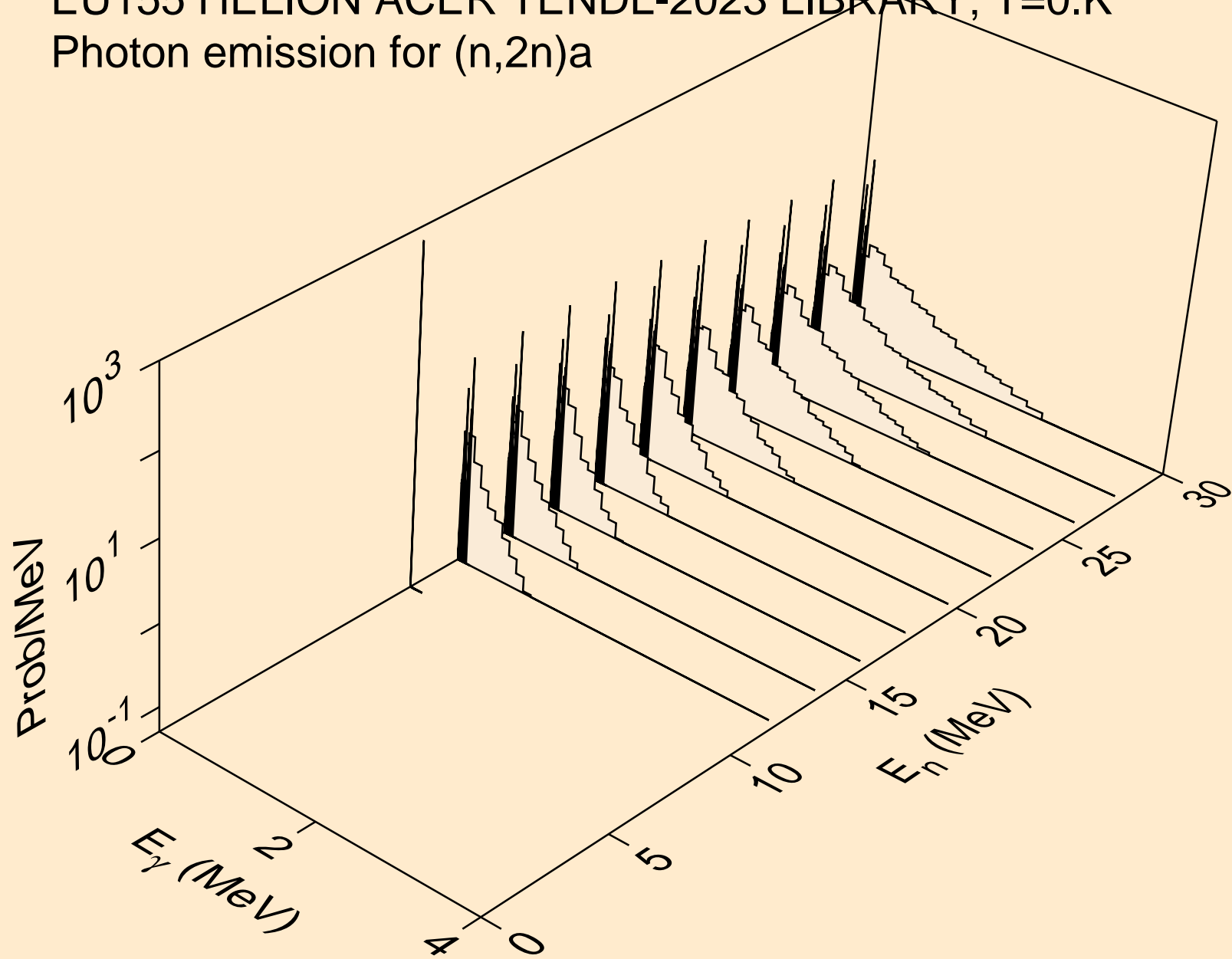
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



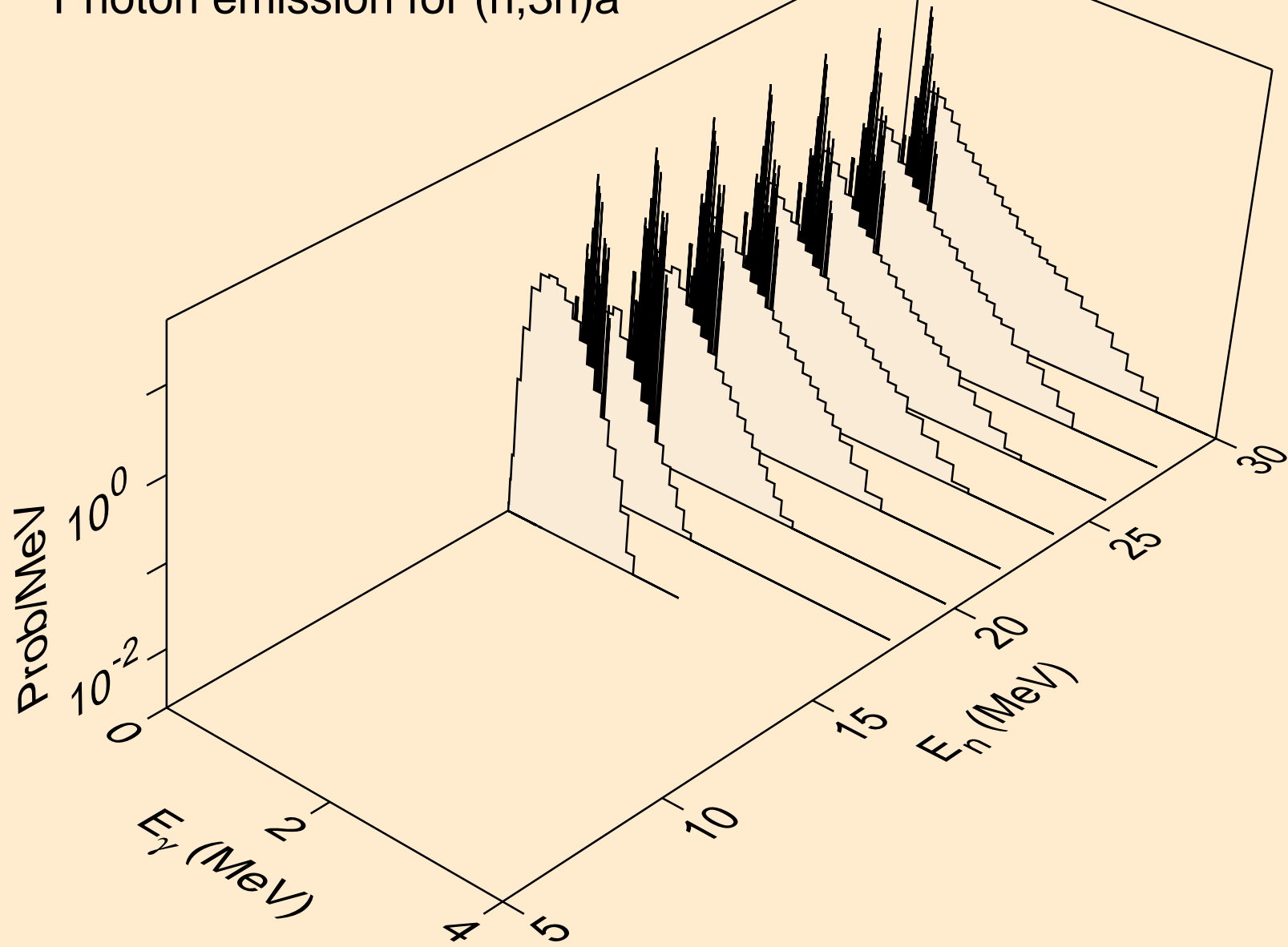
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



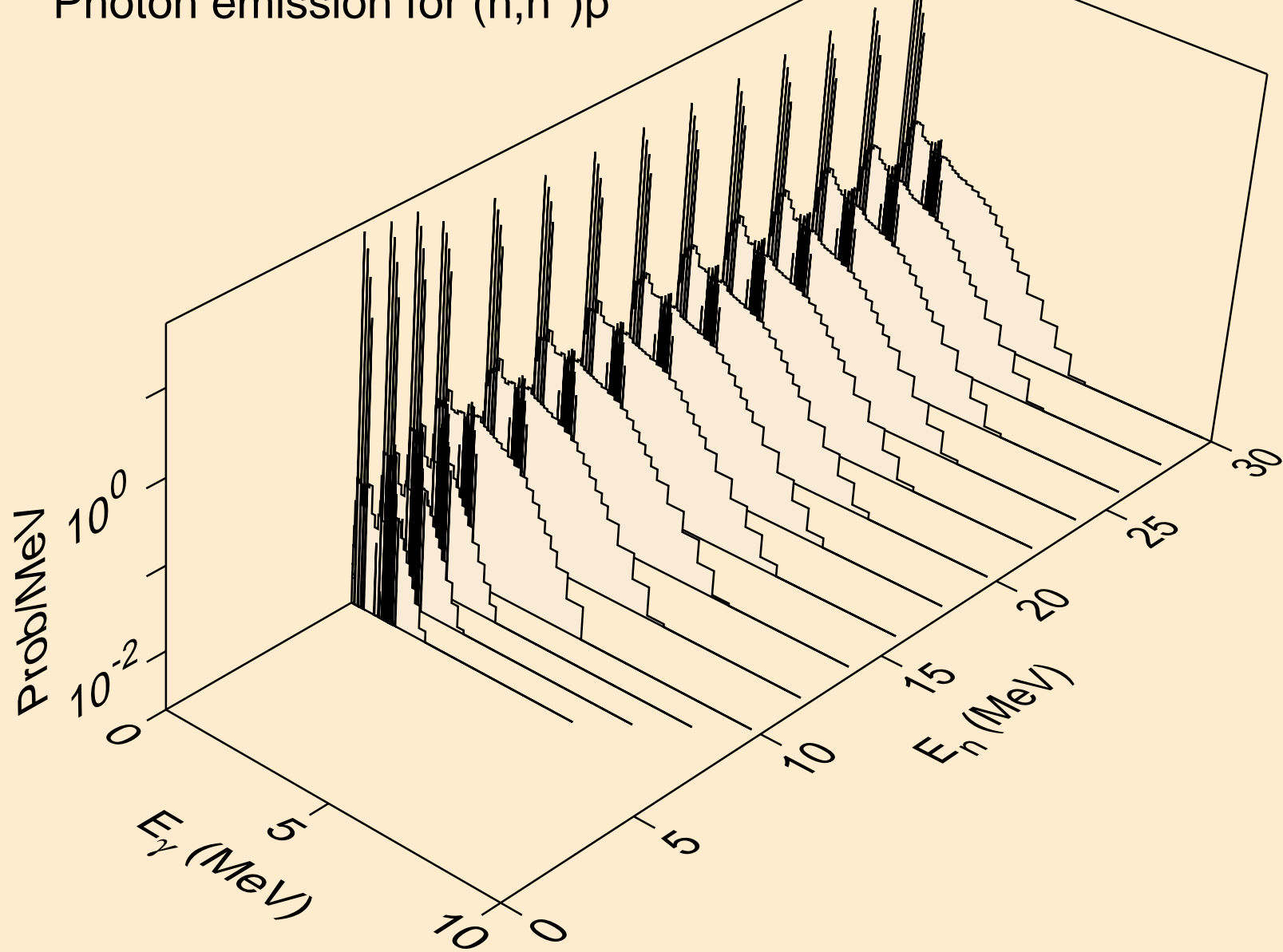
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



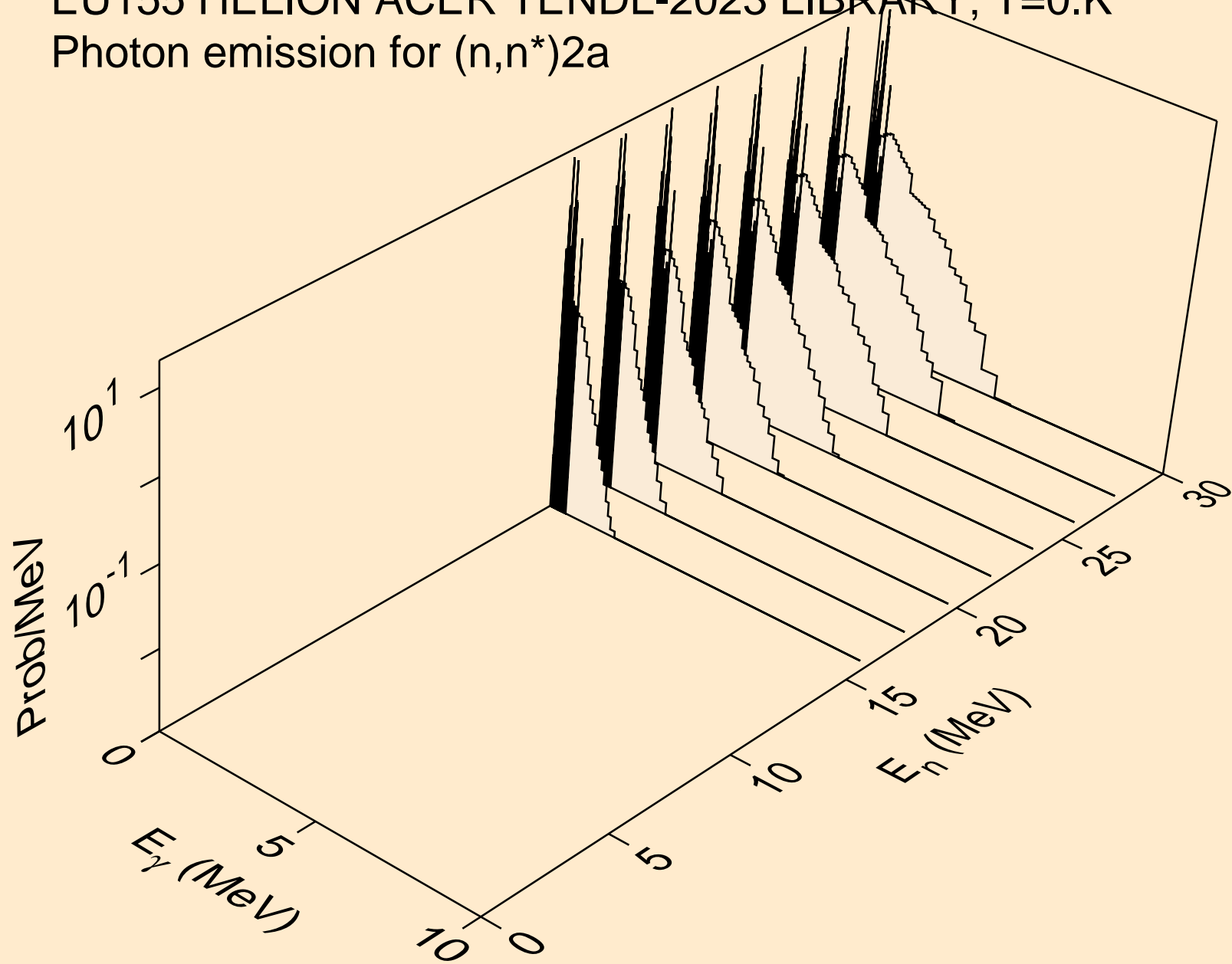
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



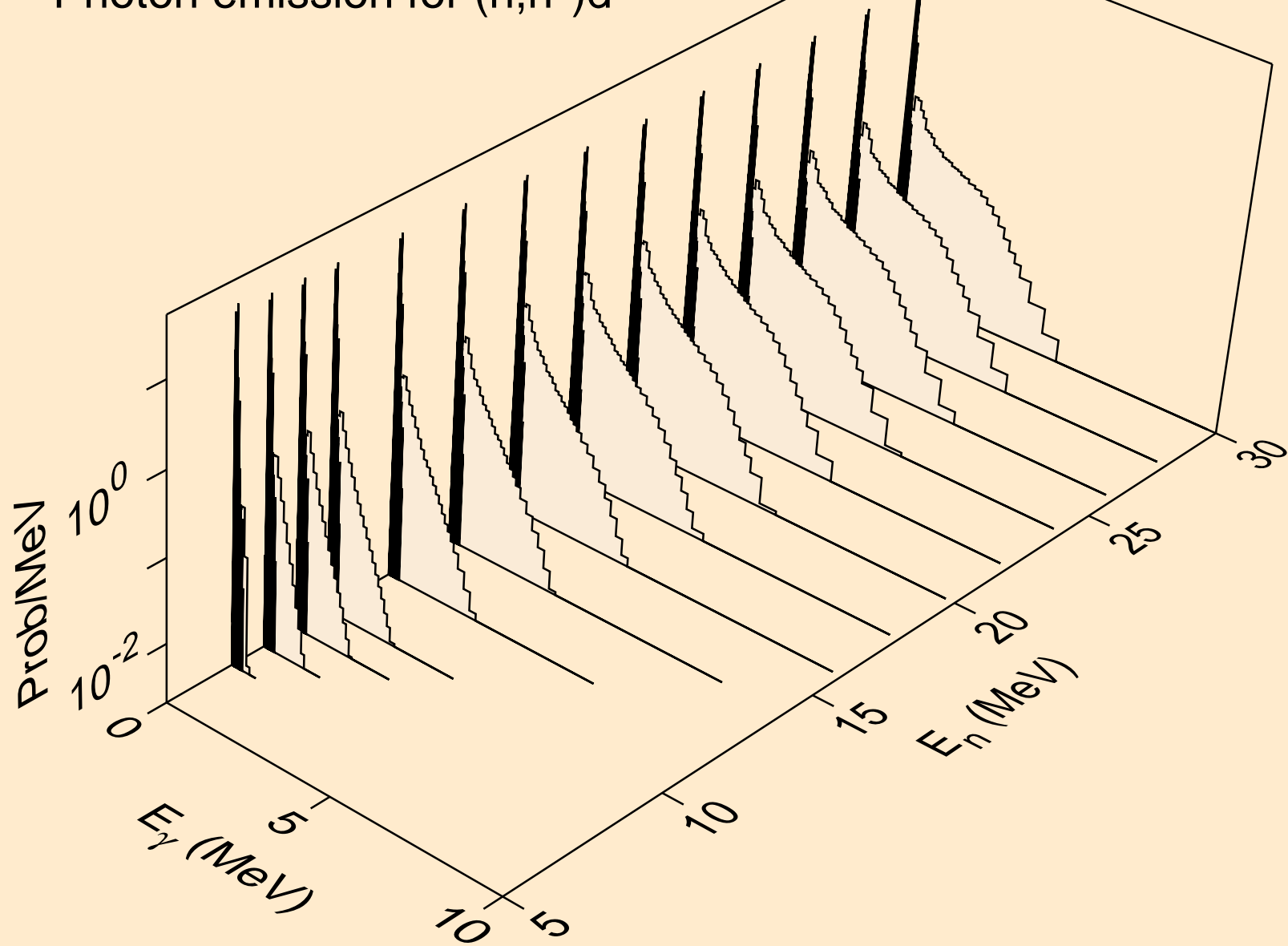
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



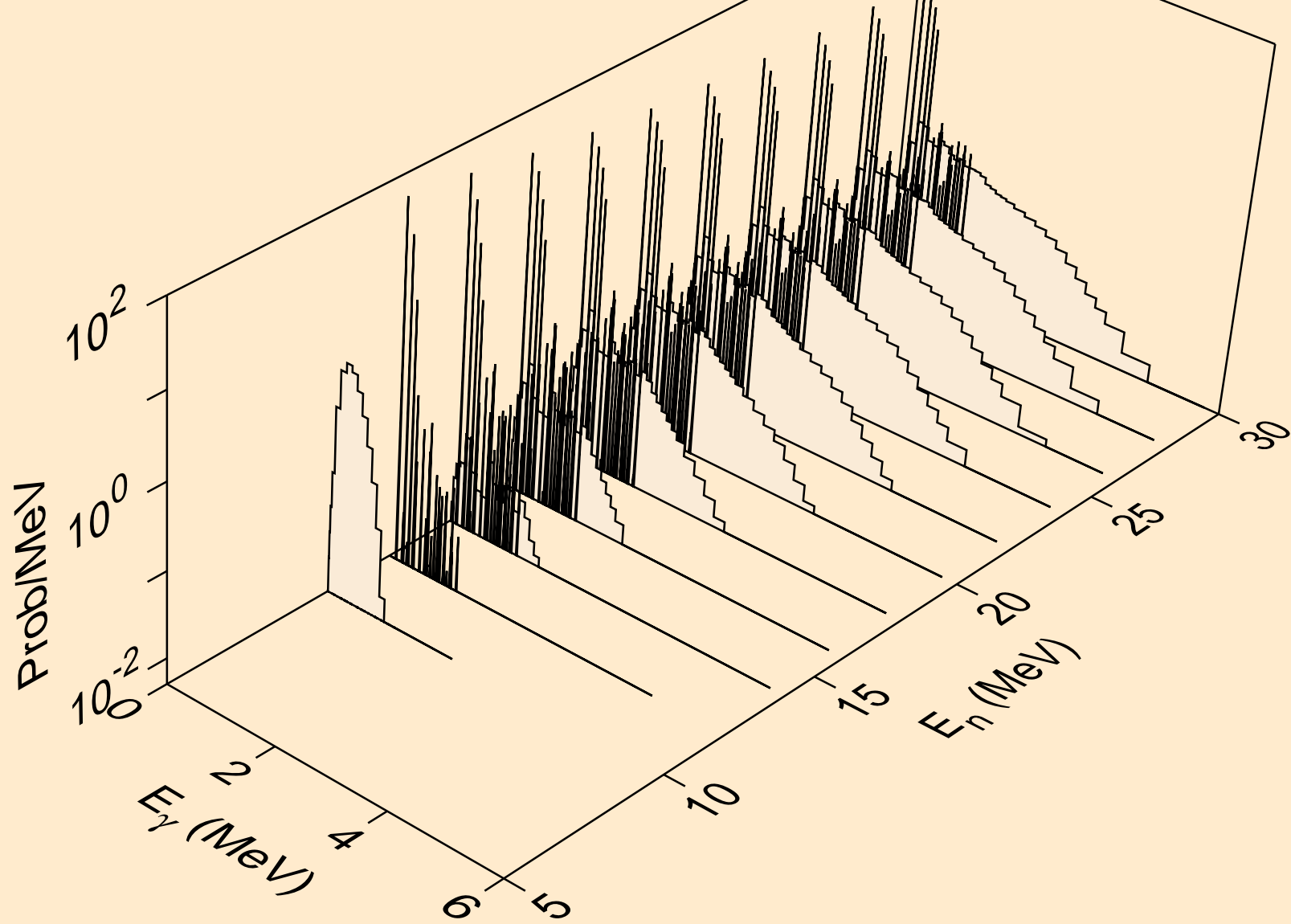
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



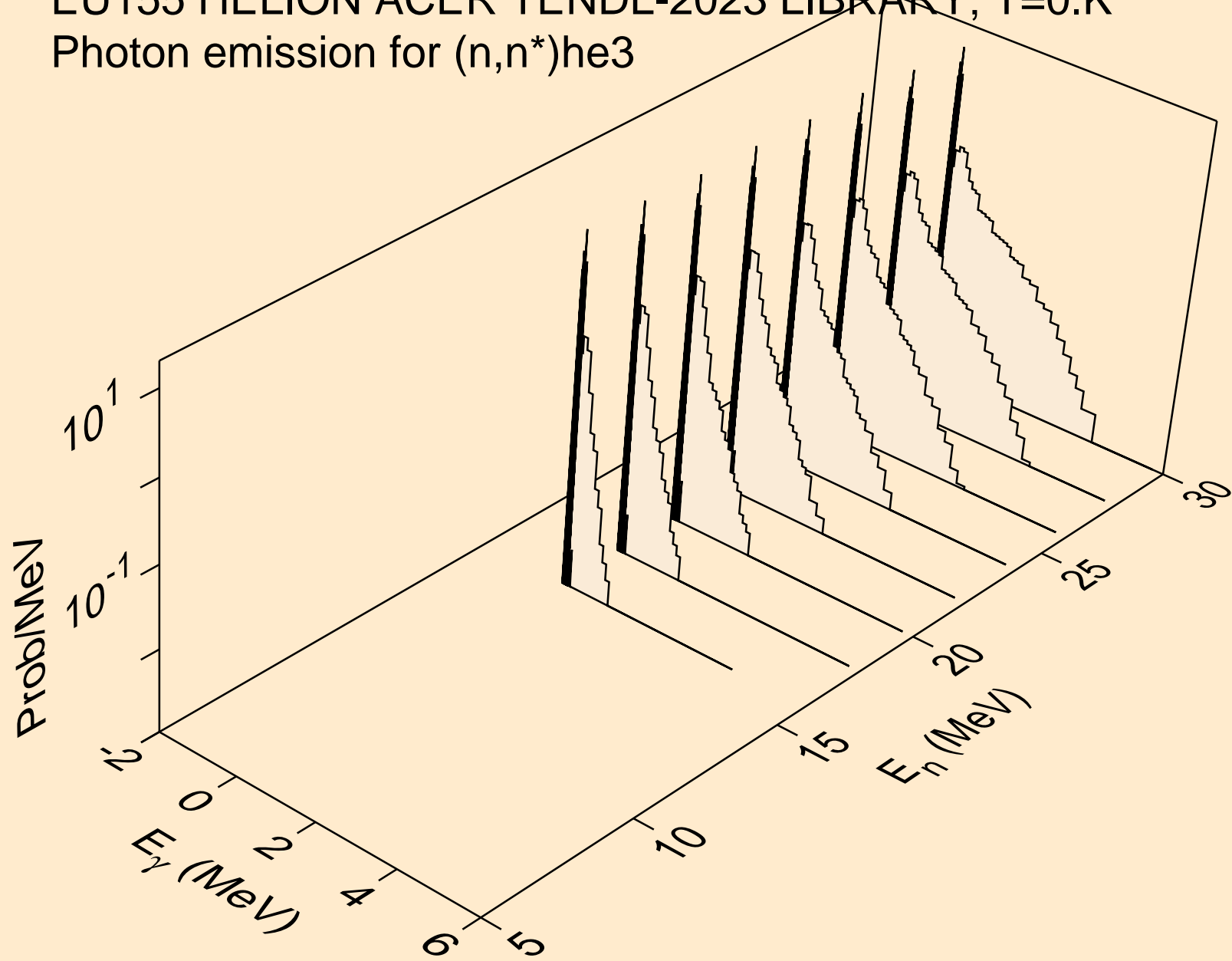
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



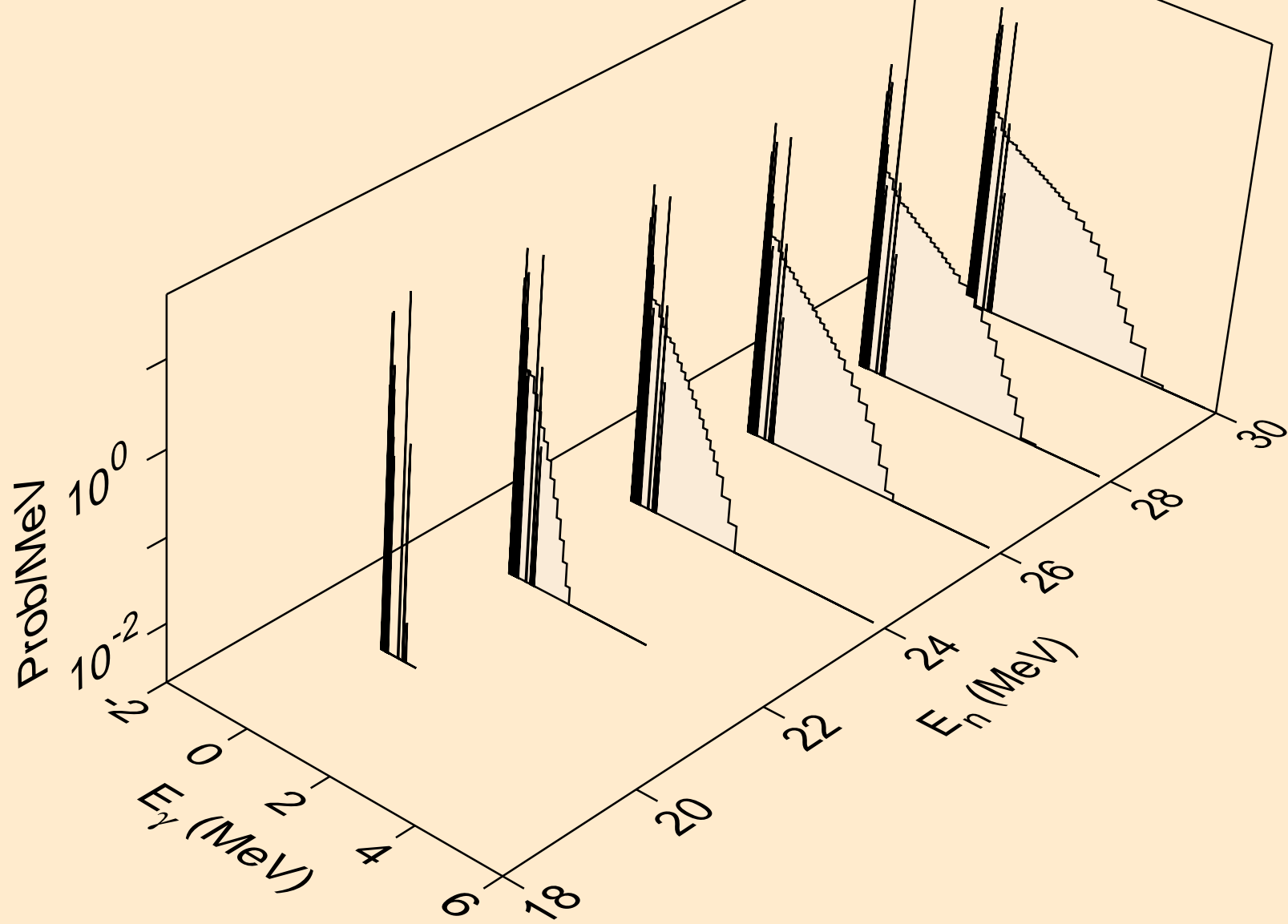
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



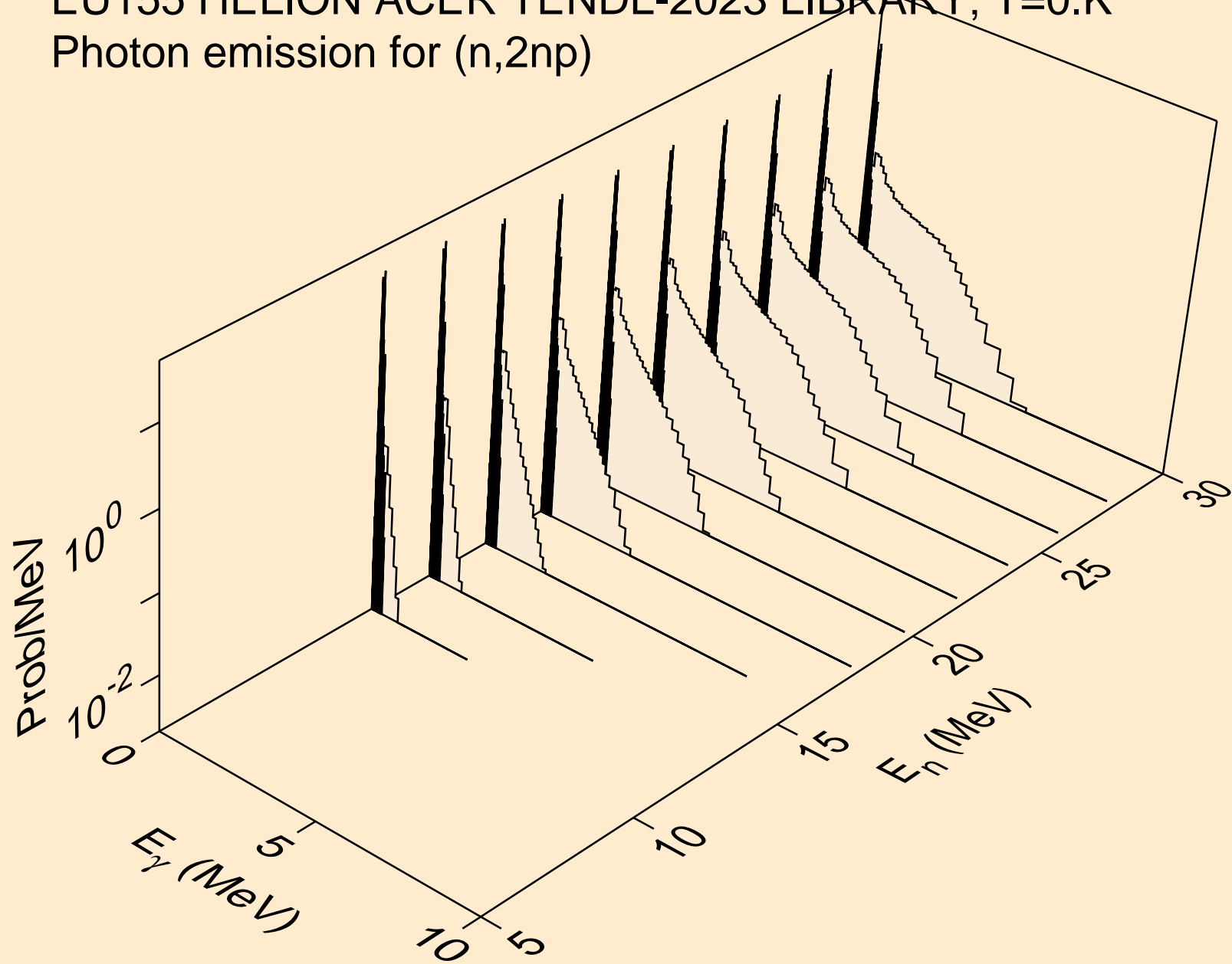
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



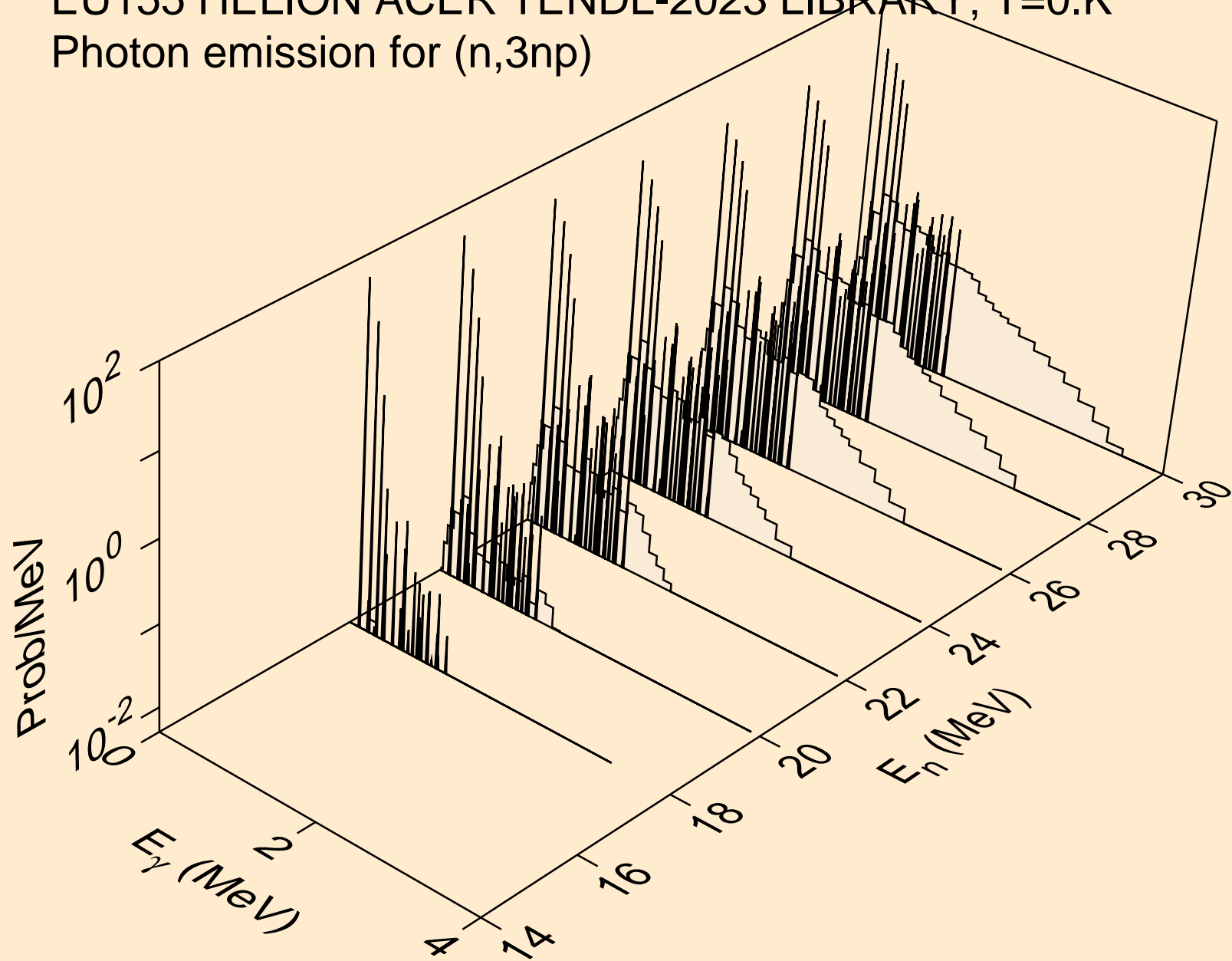
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



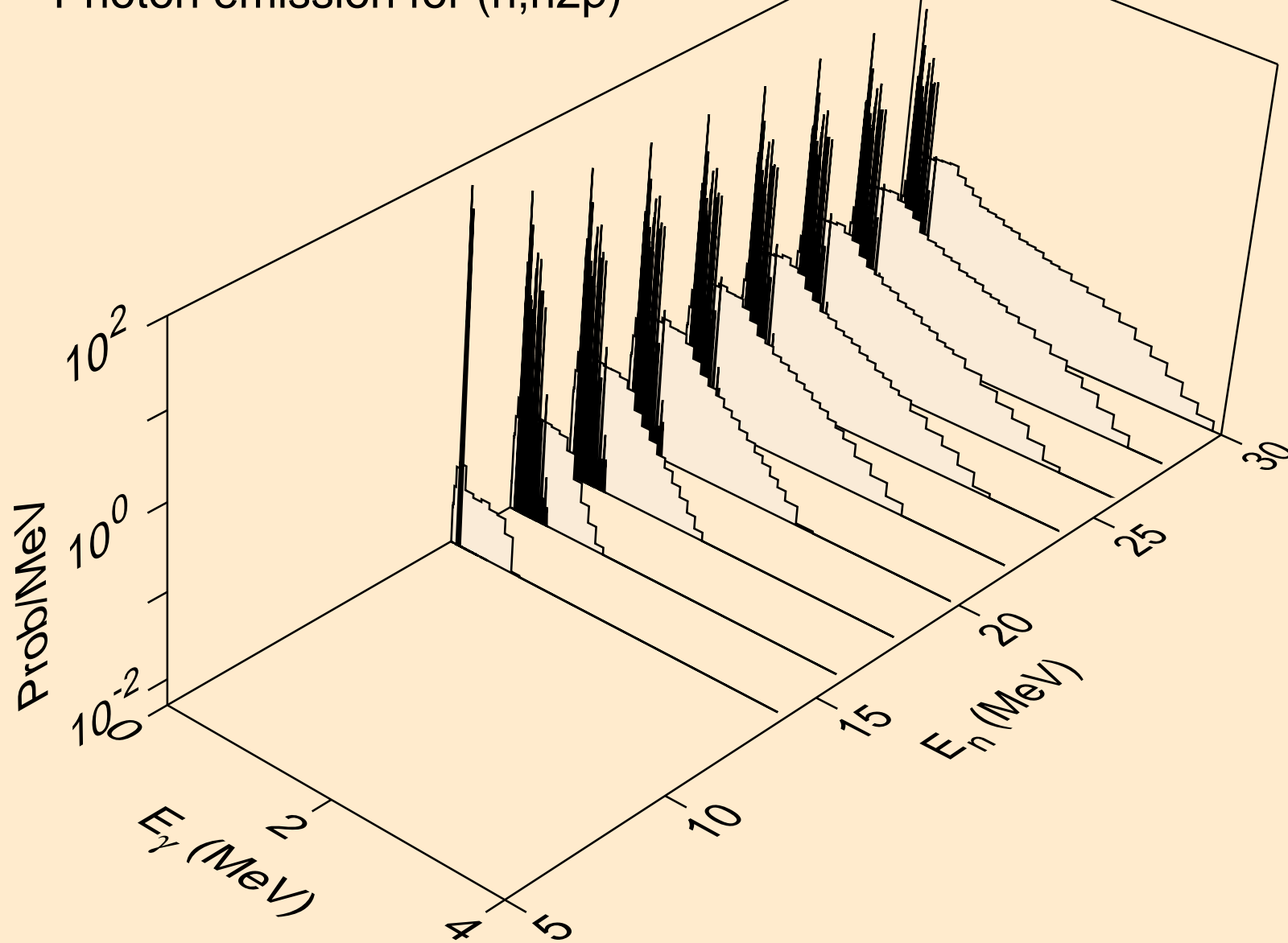
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



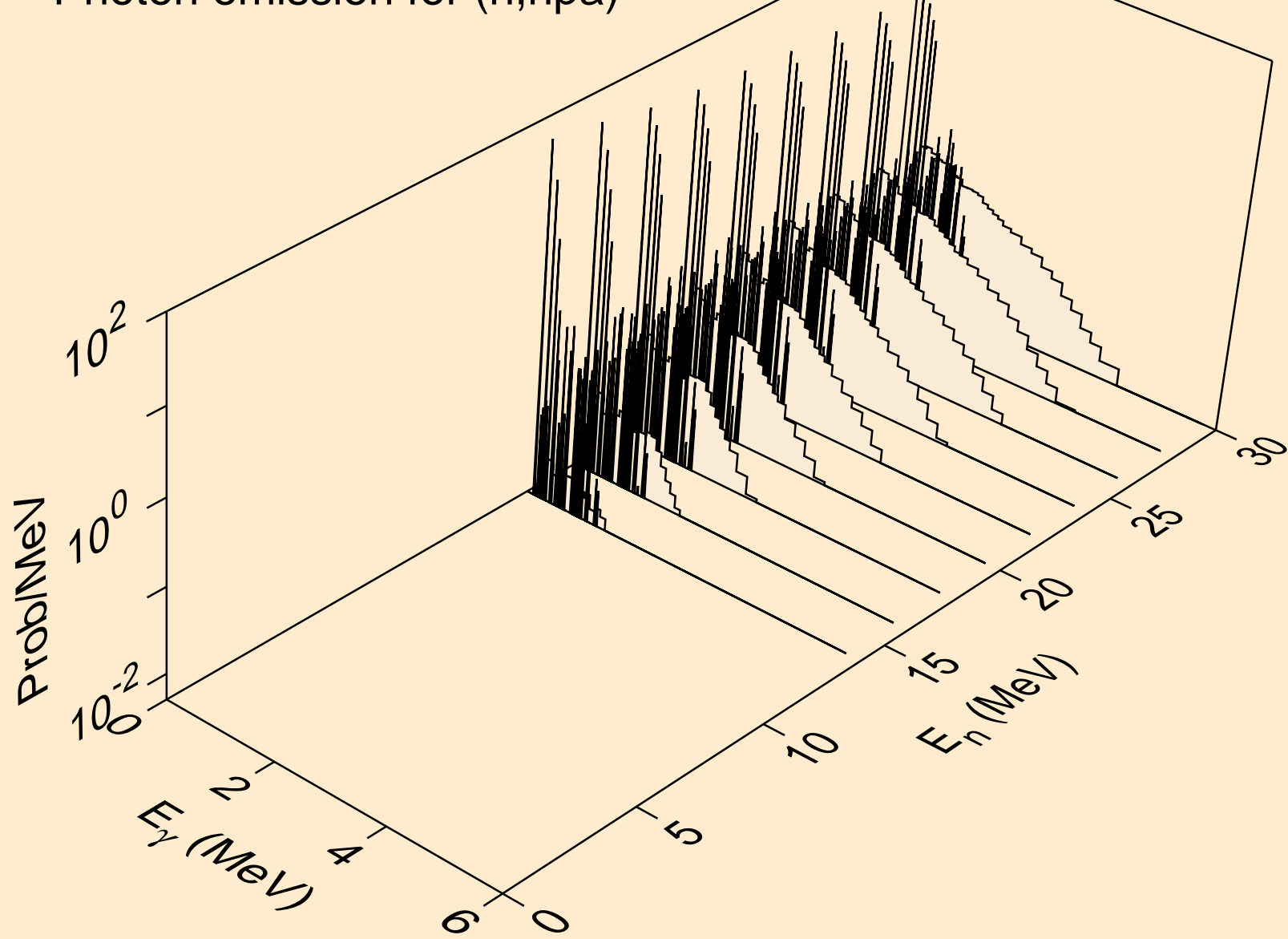
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



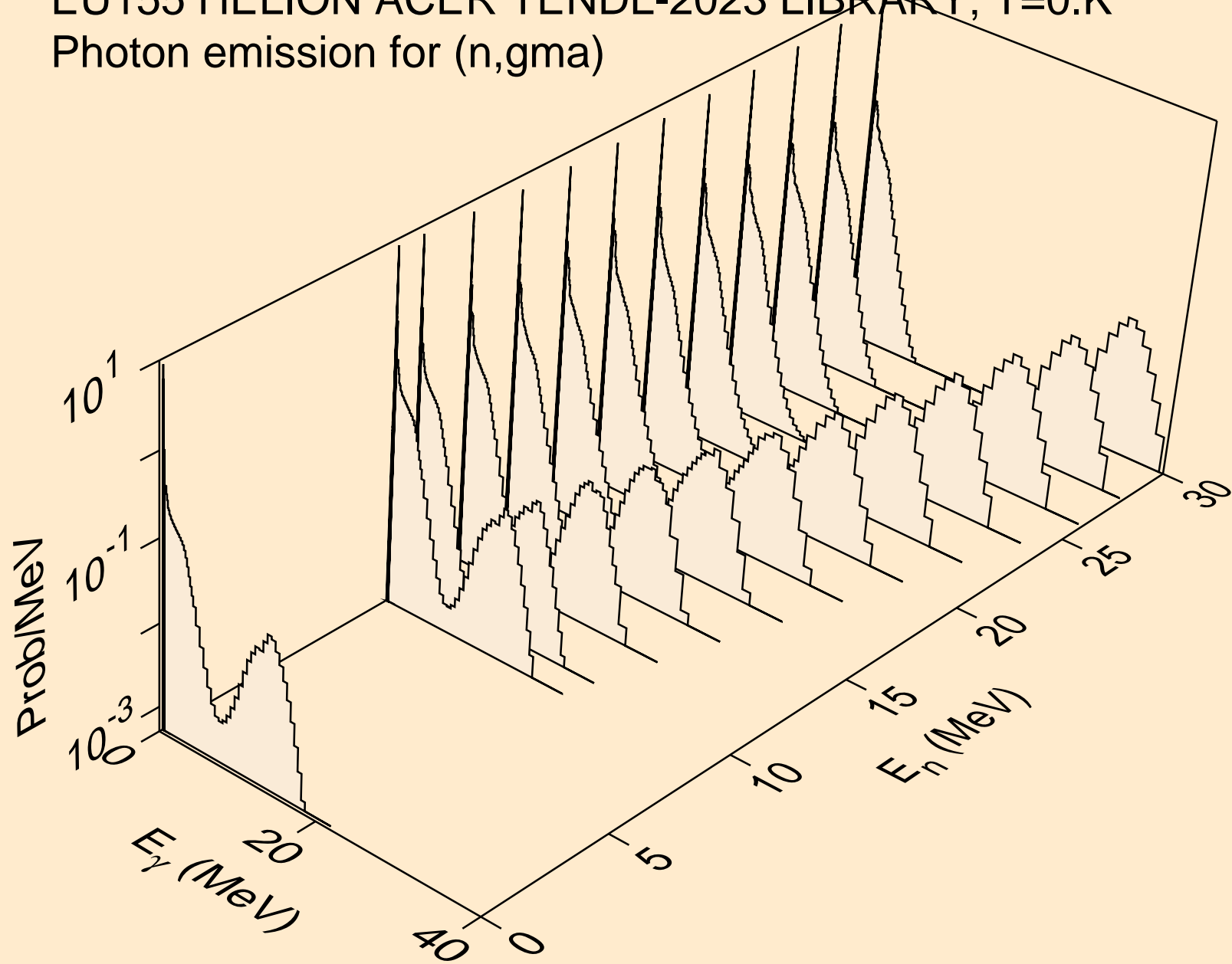
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



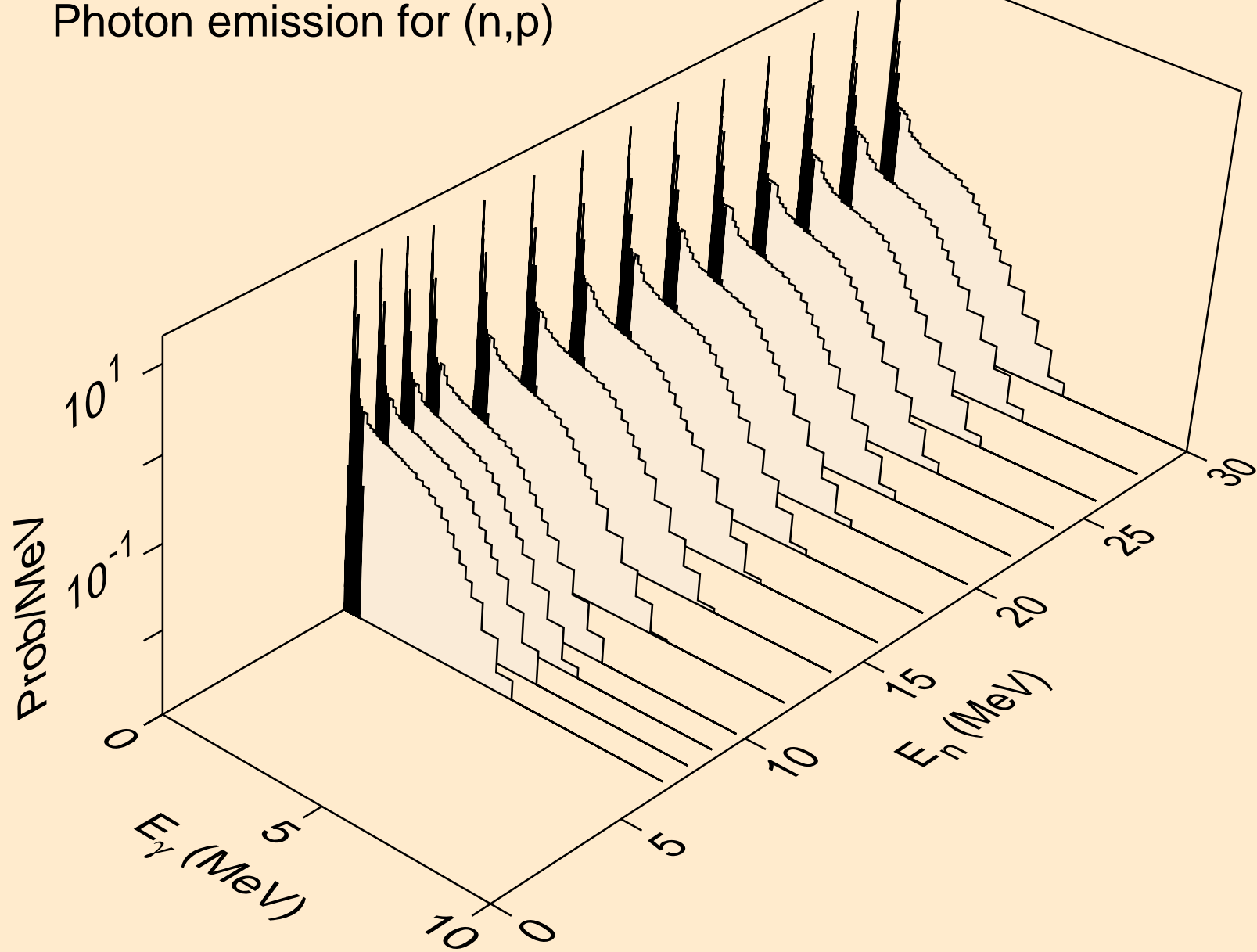
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



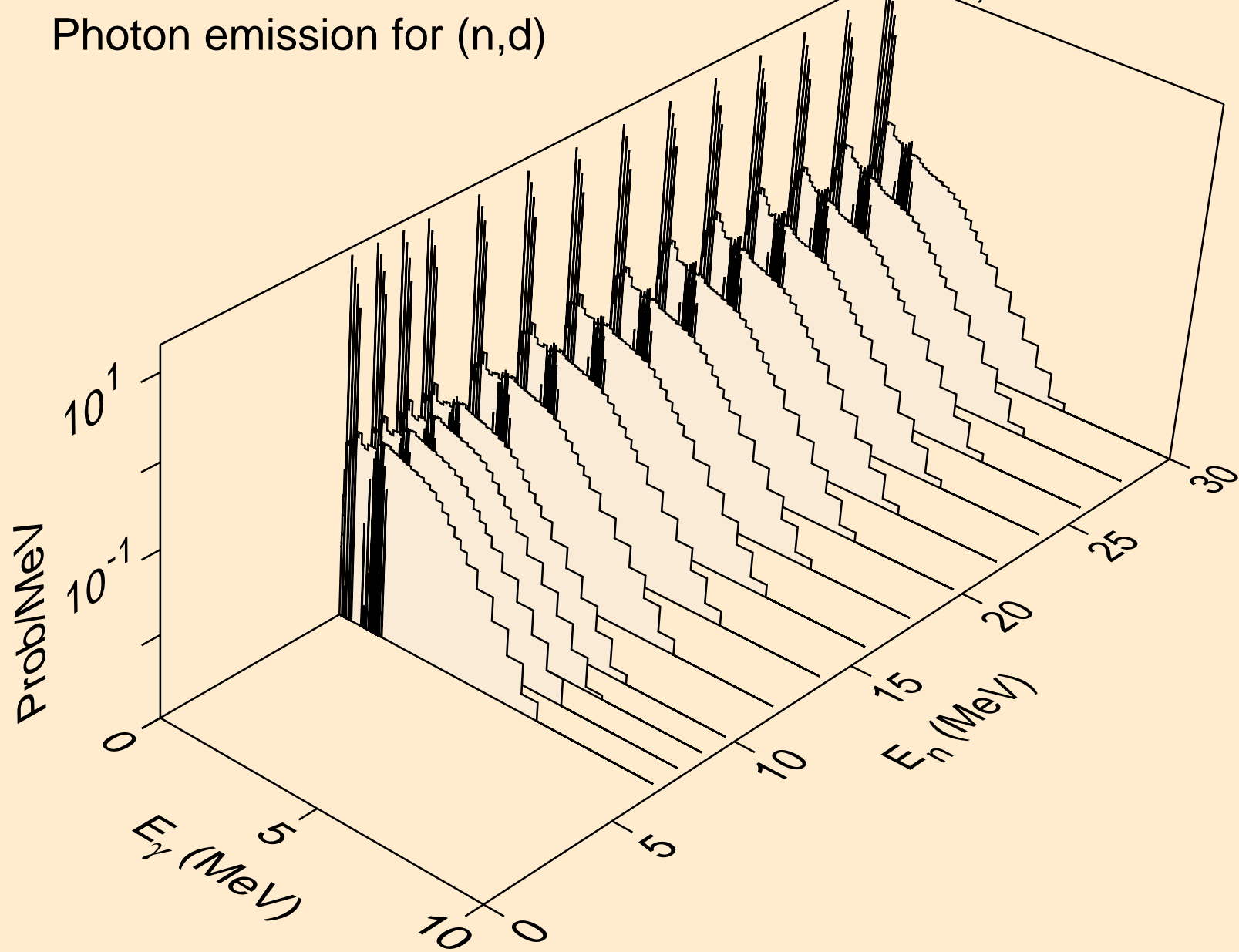
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



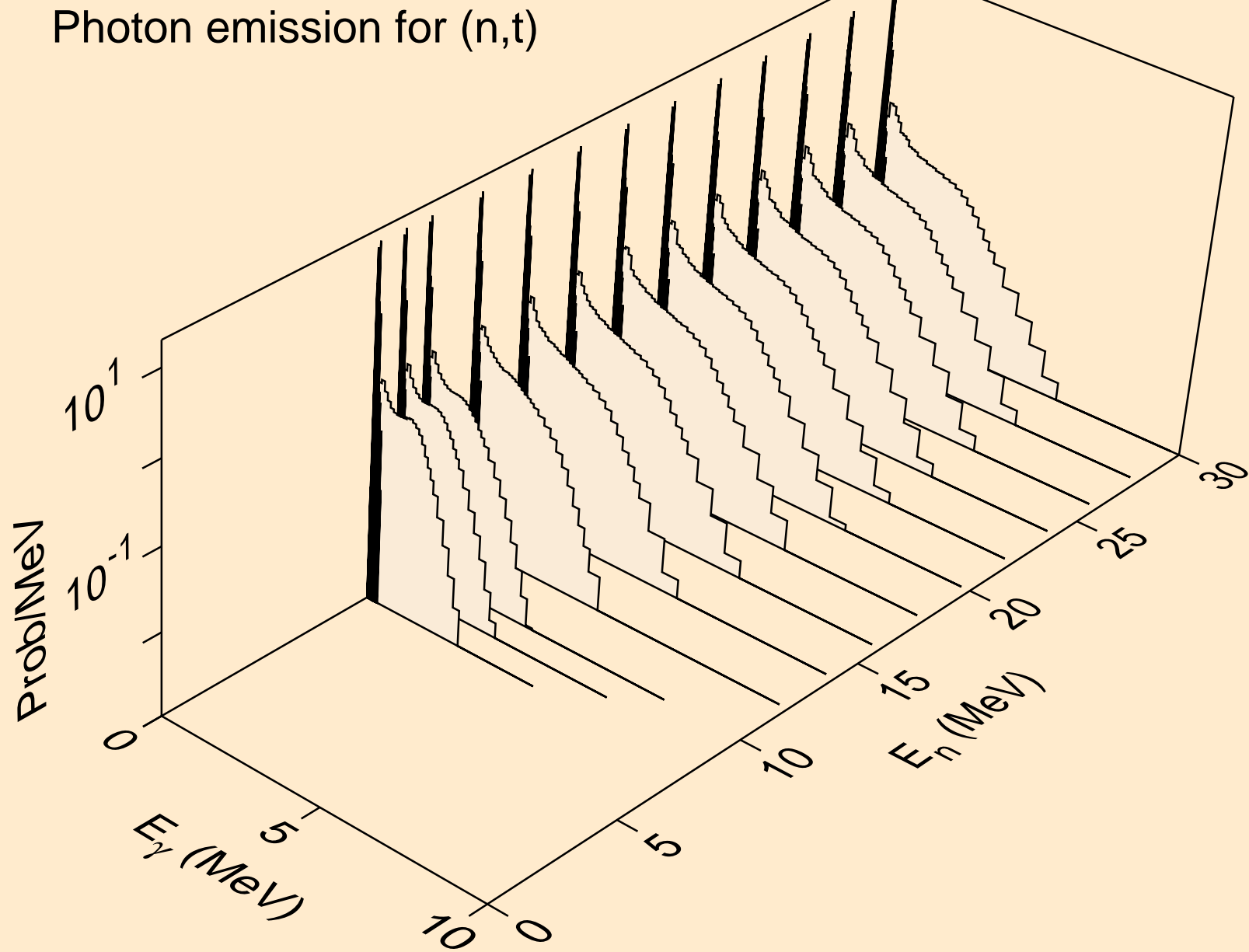
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



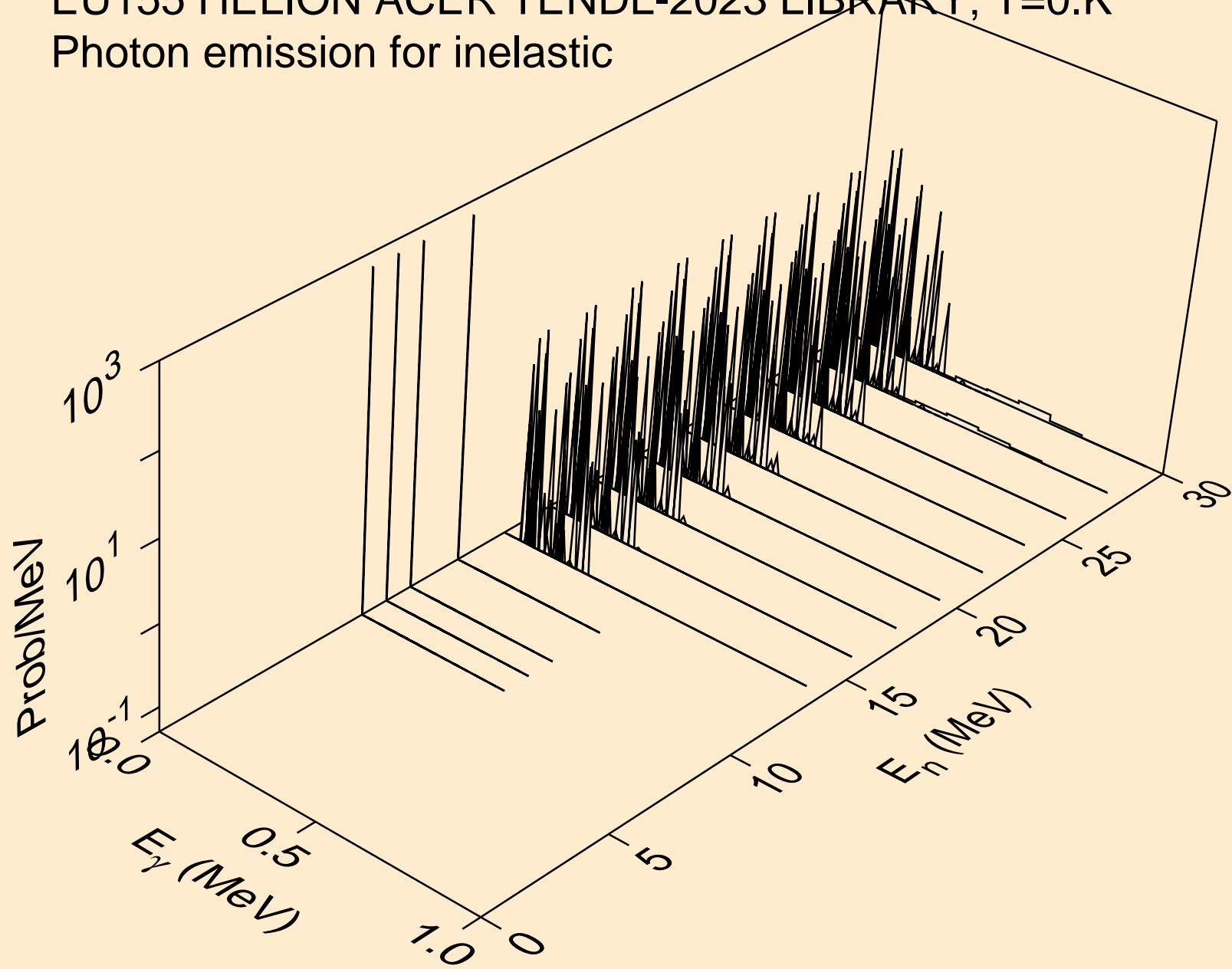
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



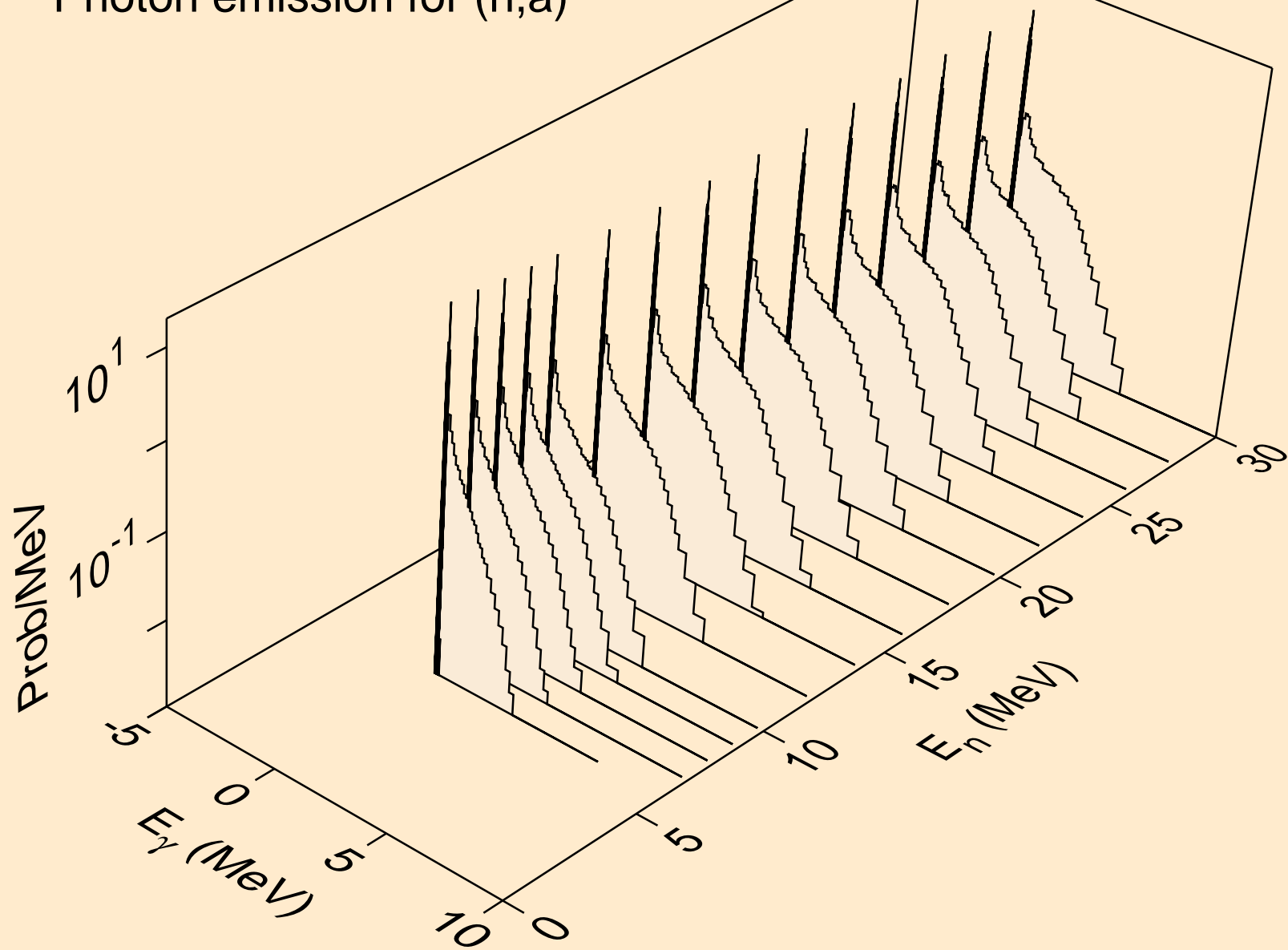
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



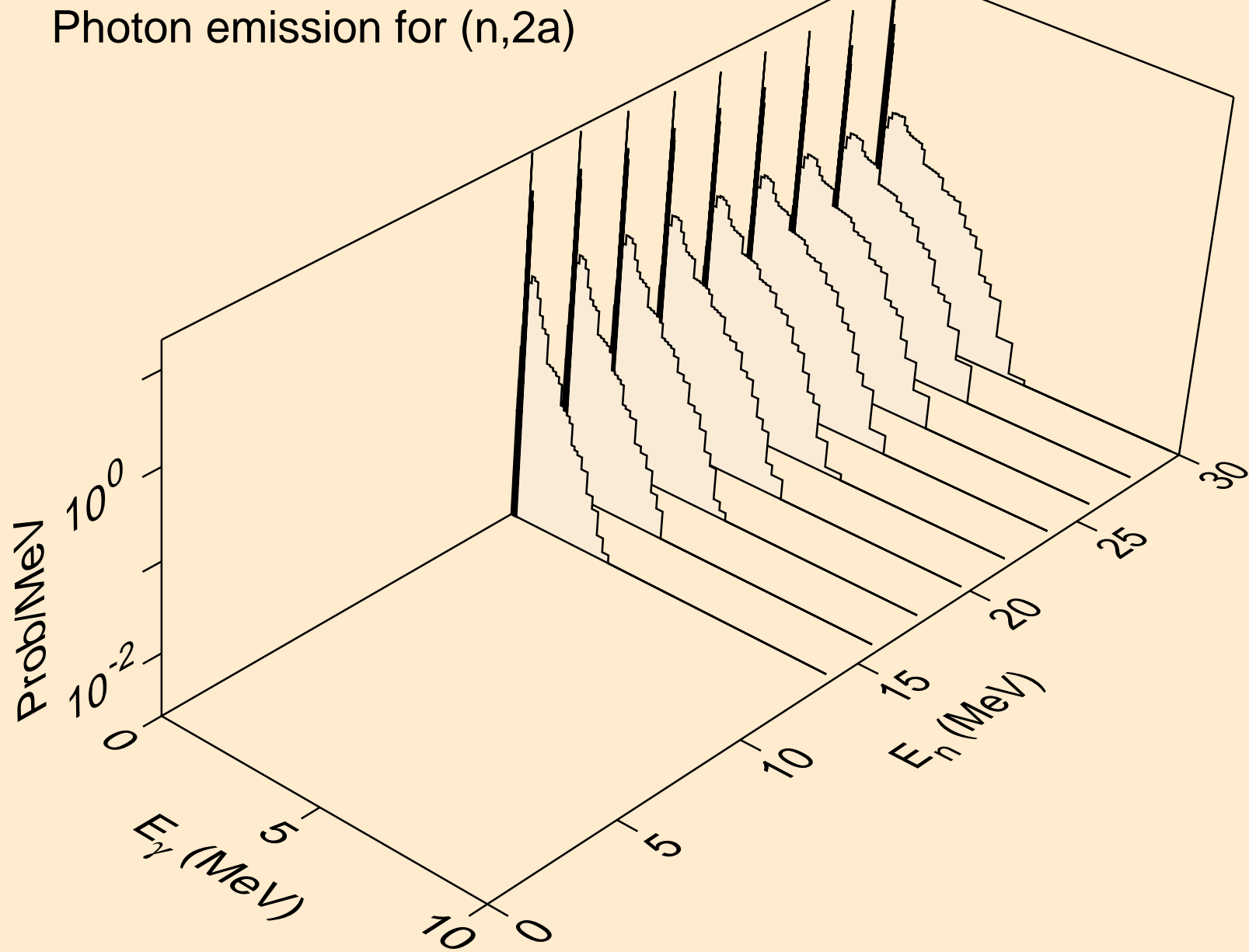
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



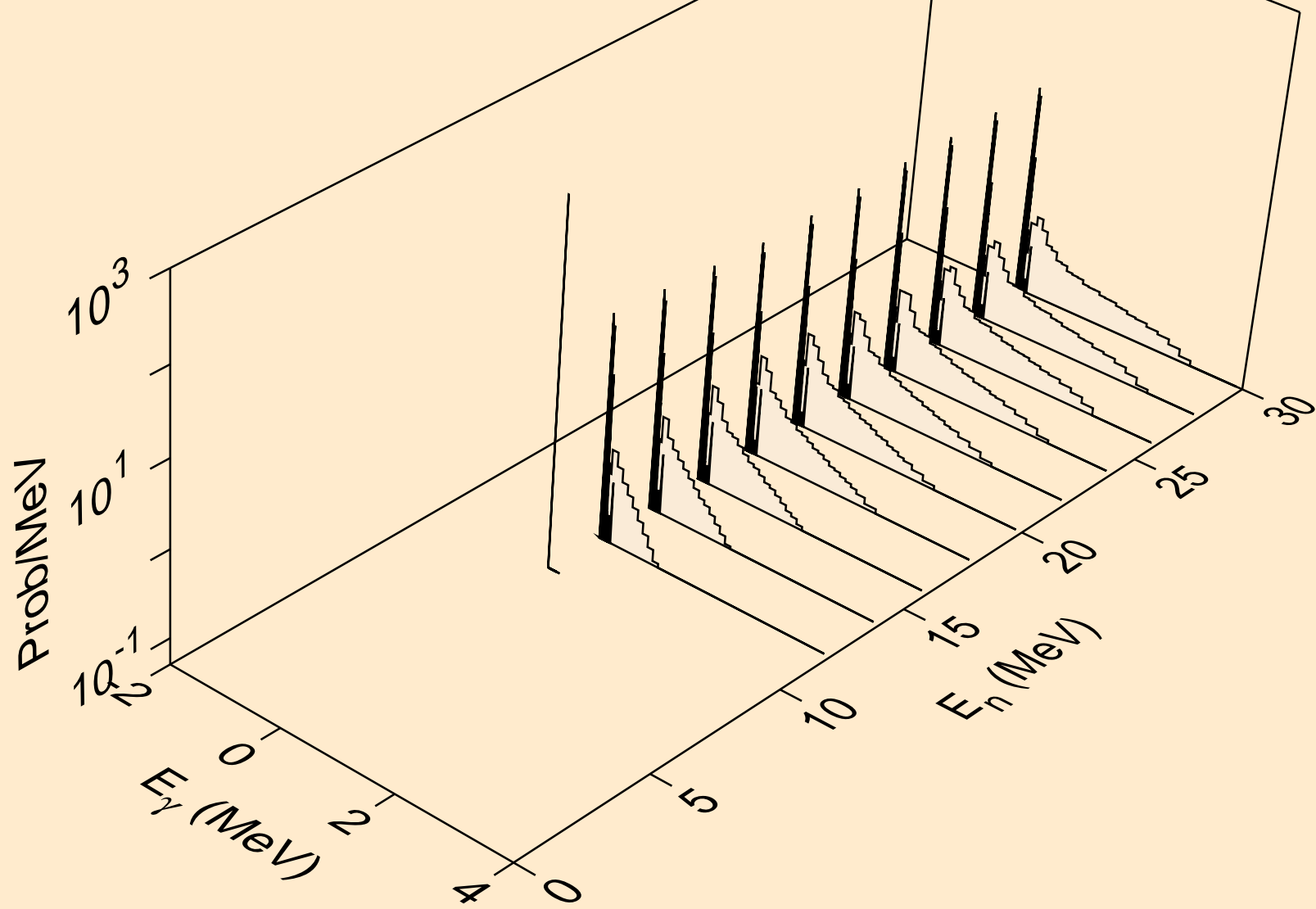
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



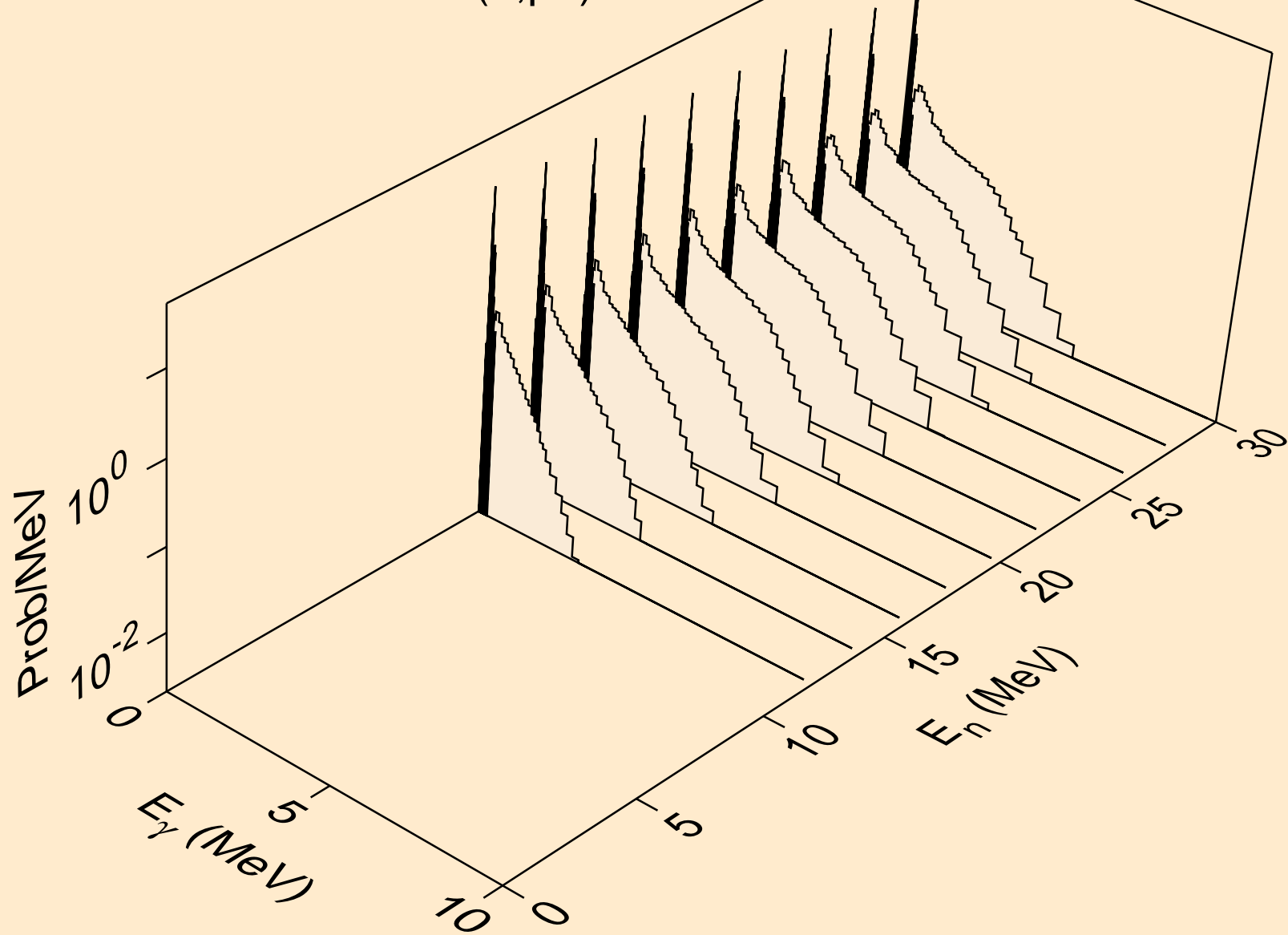
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



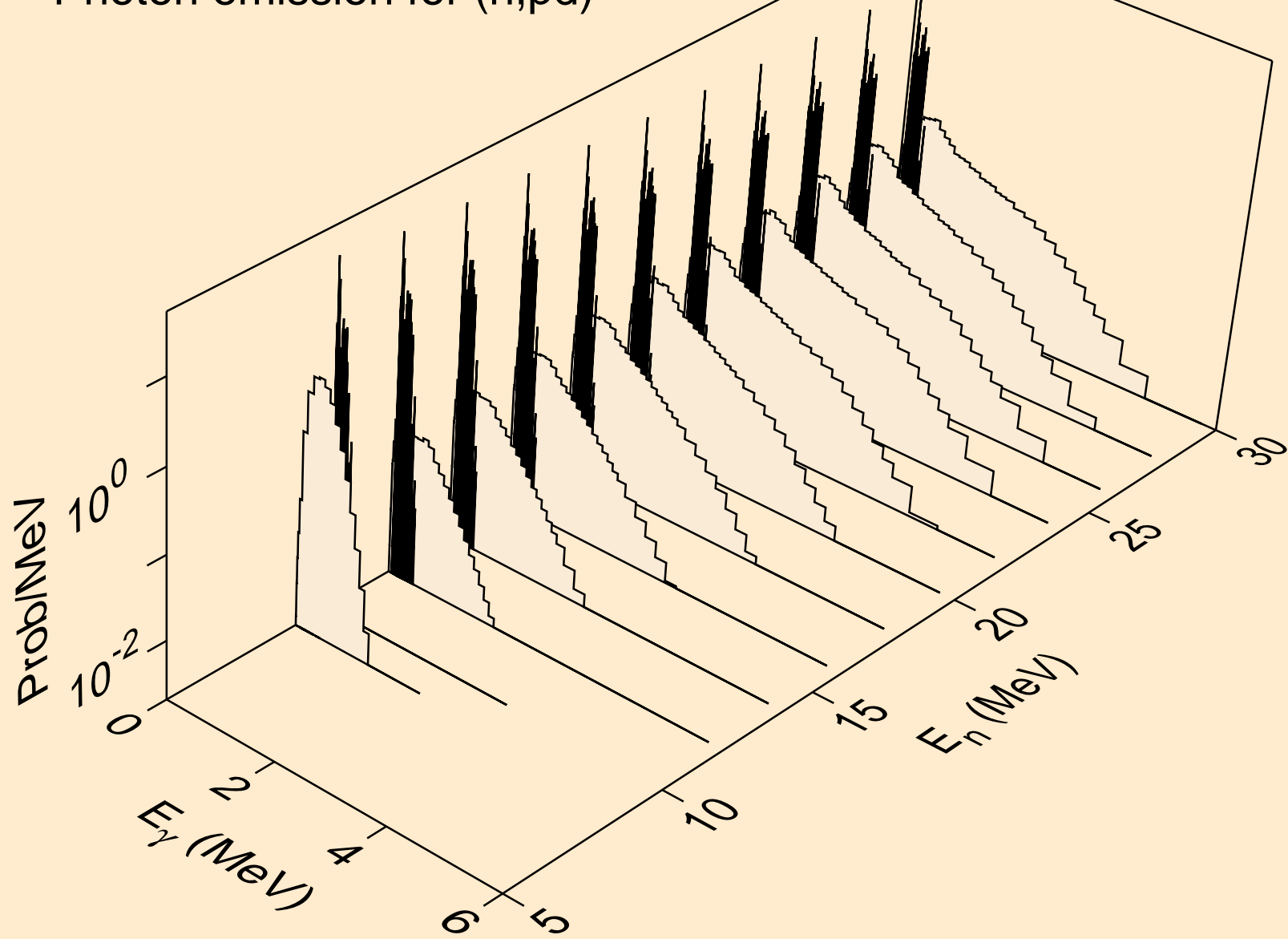
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



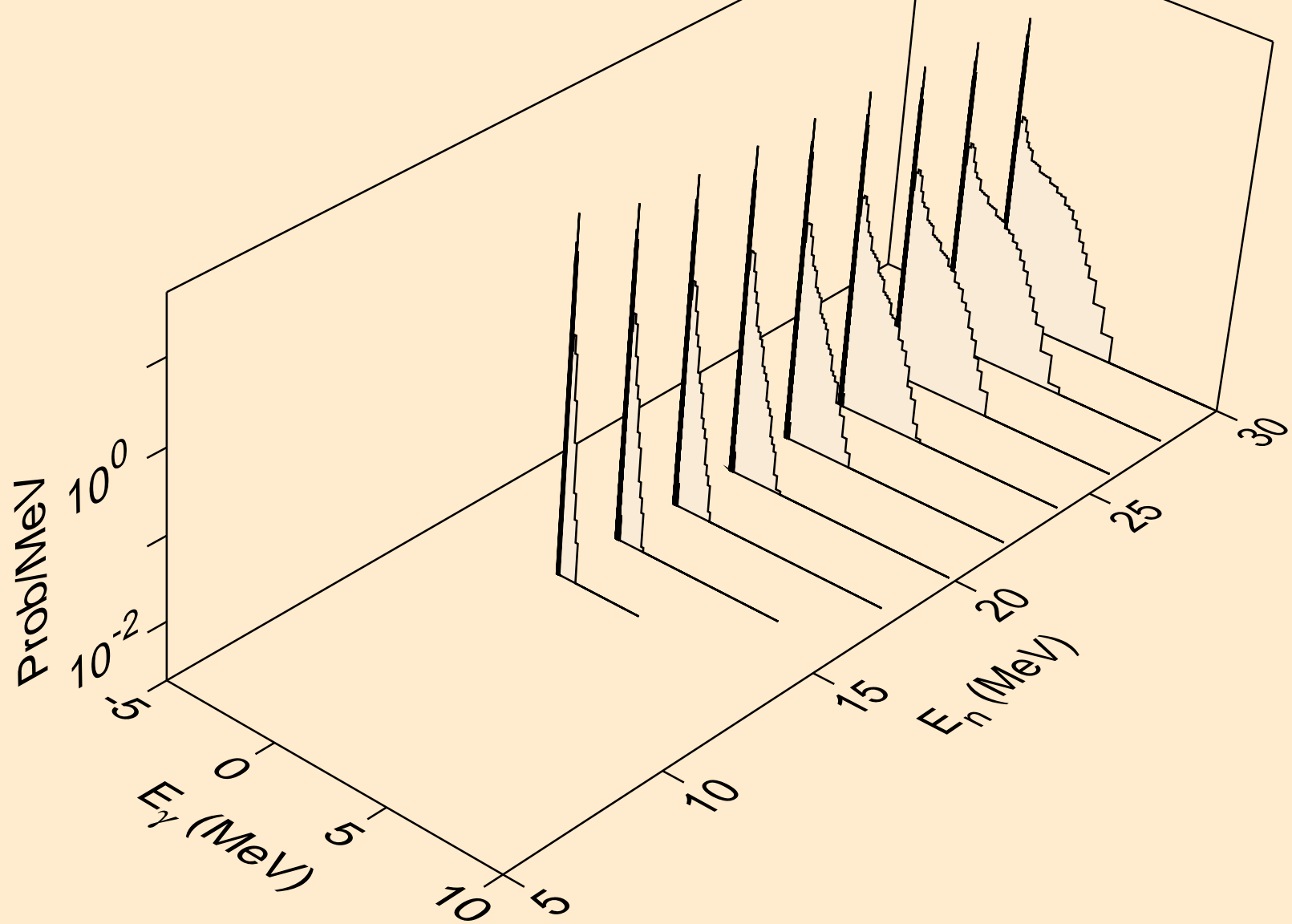
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



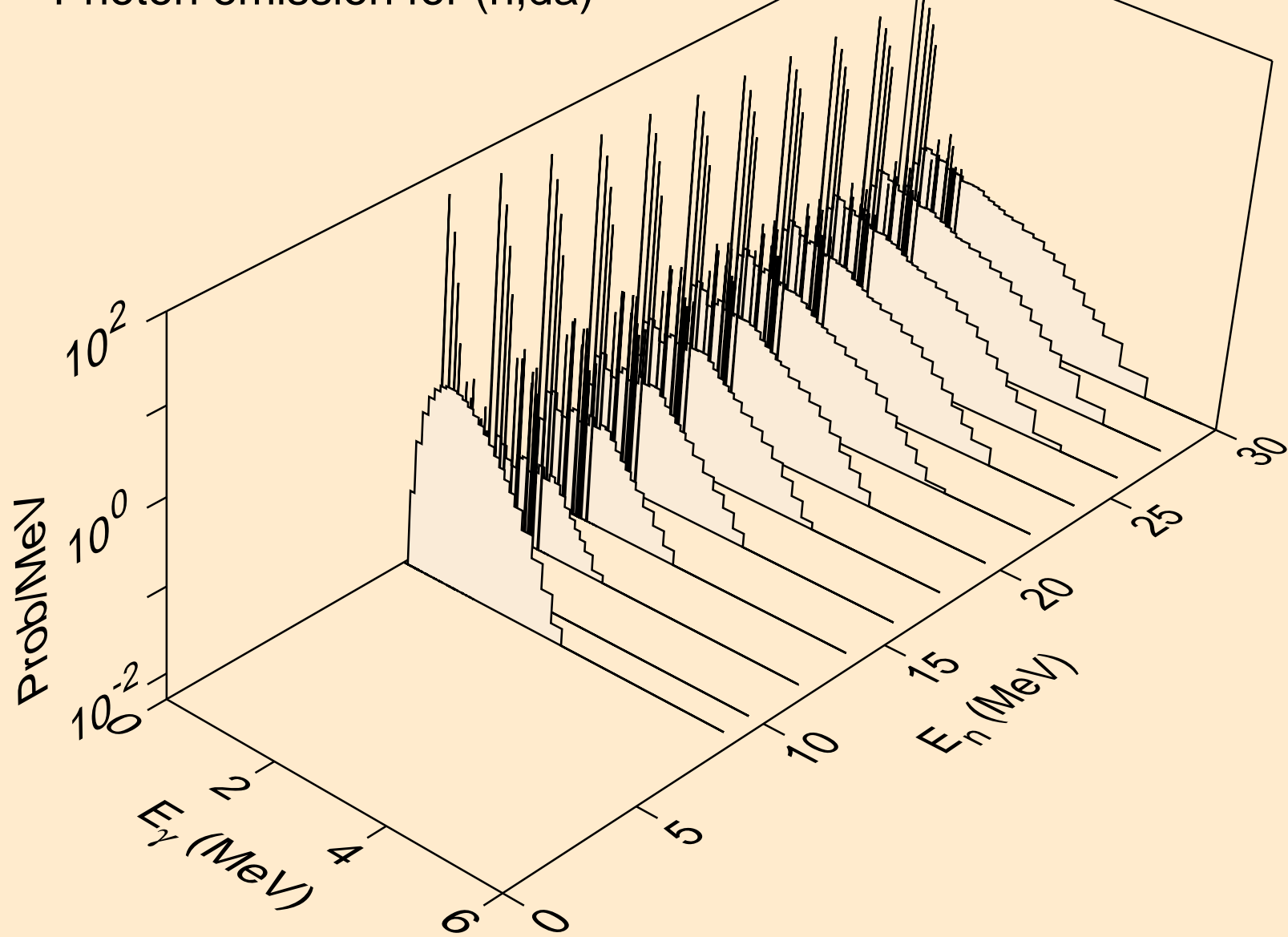
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)

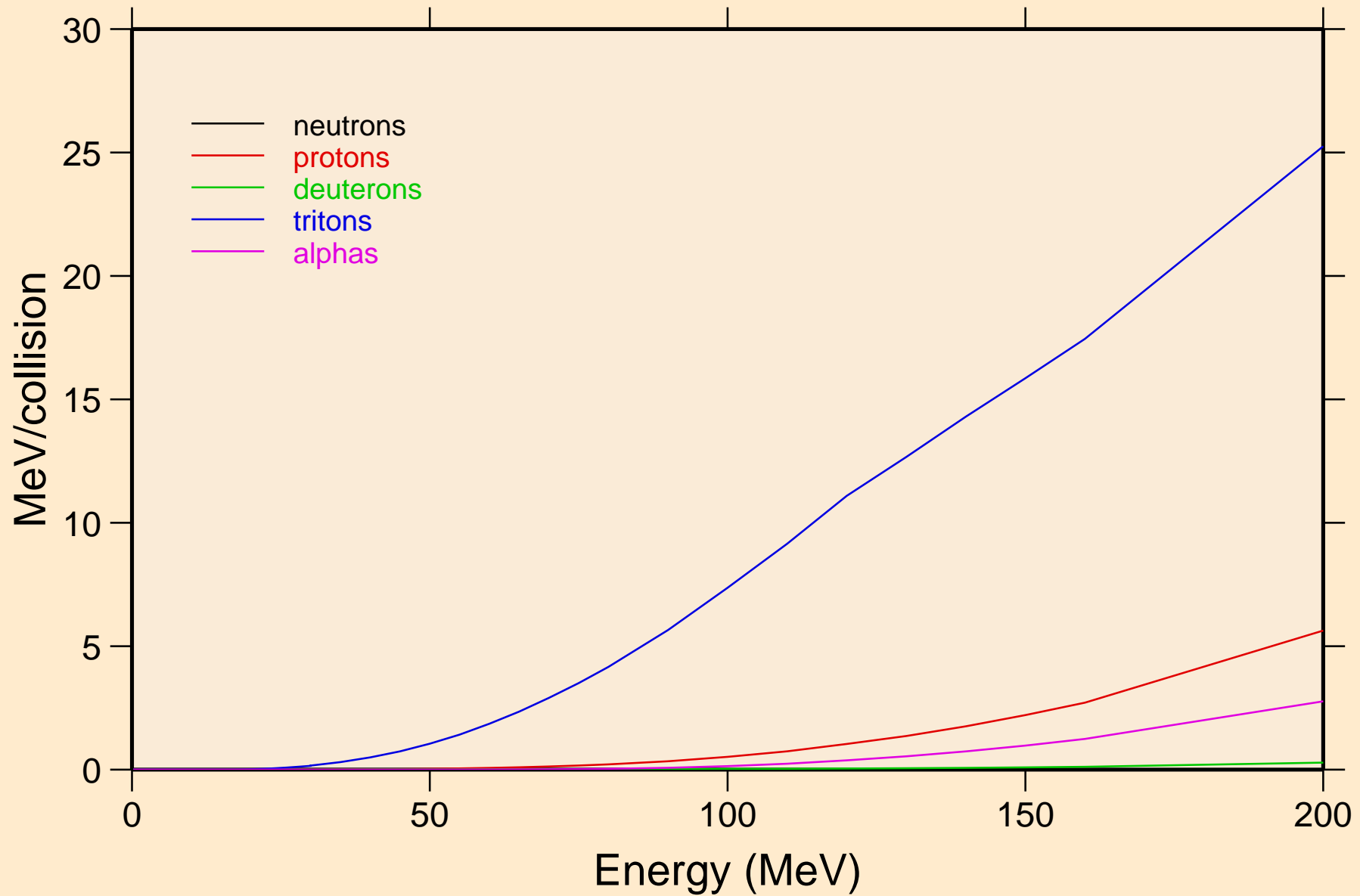


EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)

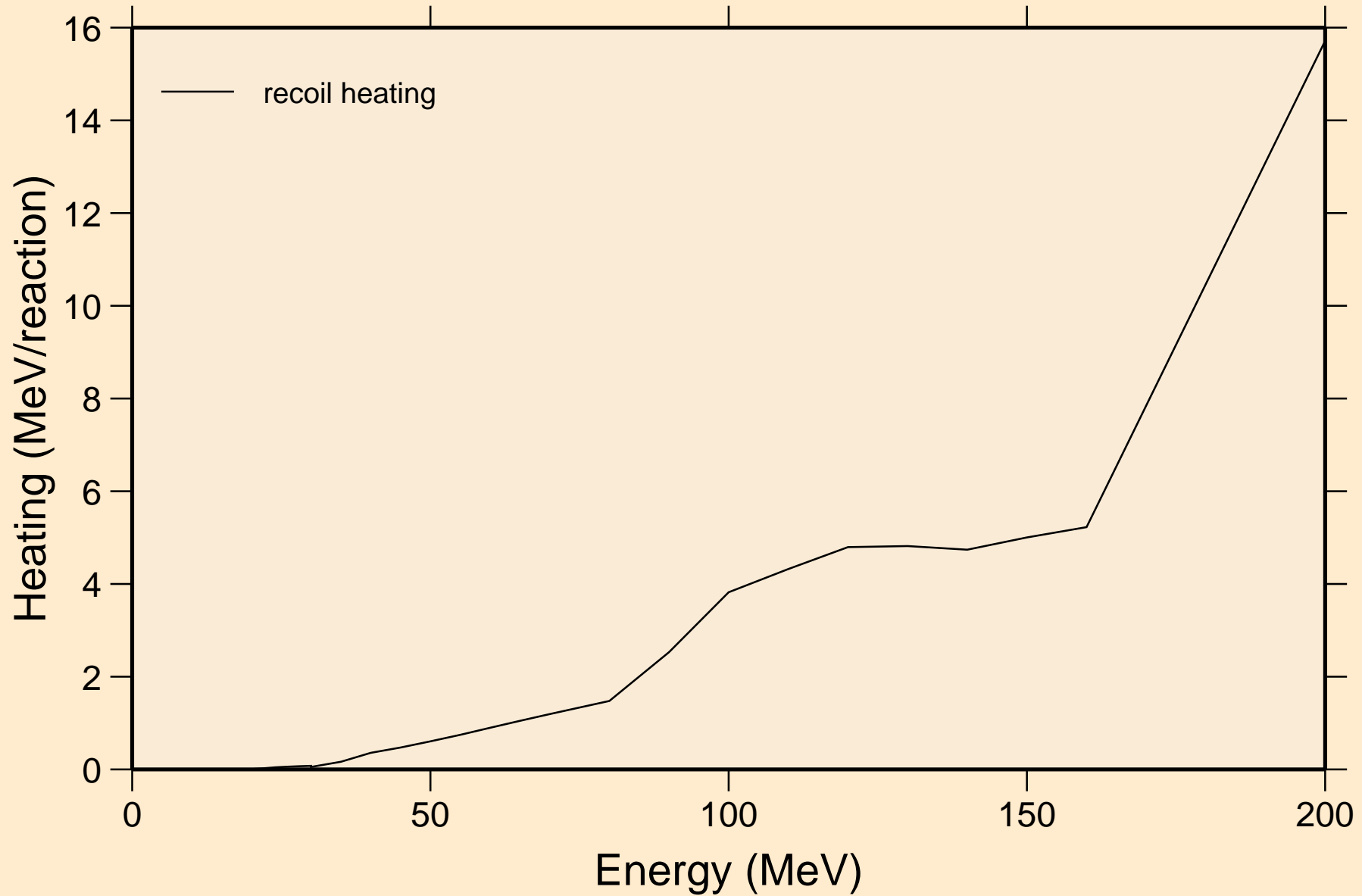


# EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K

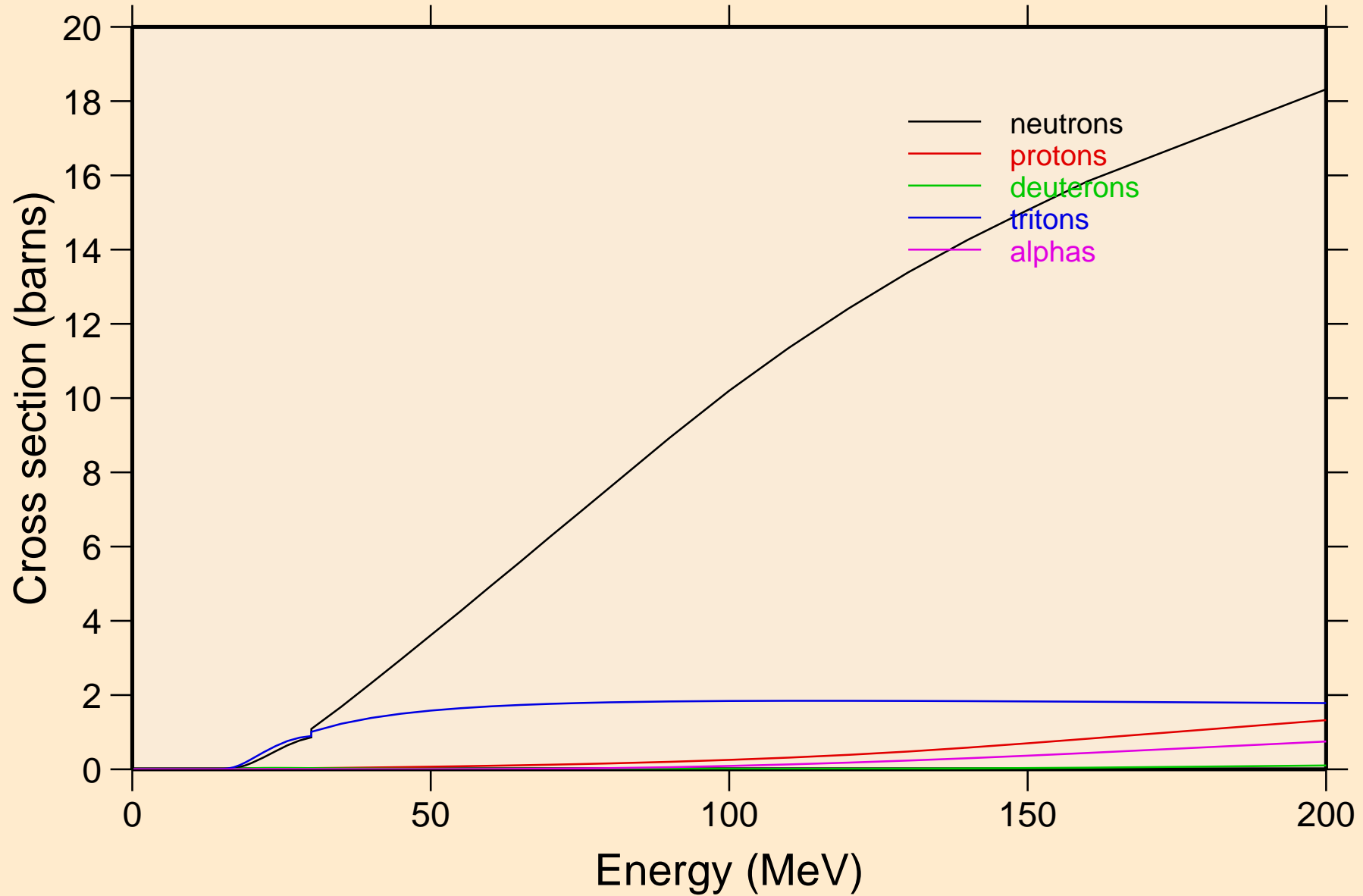
## Particle heating contributions



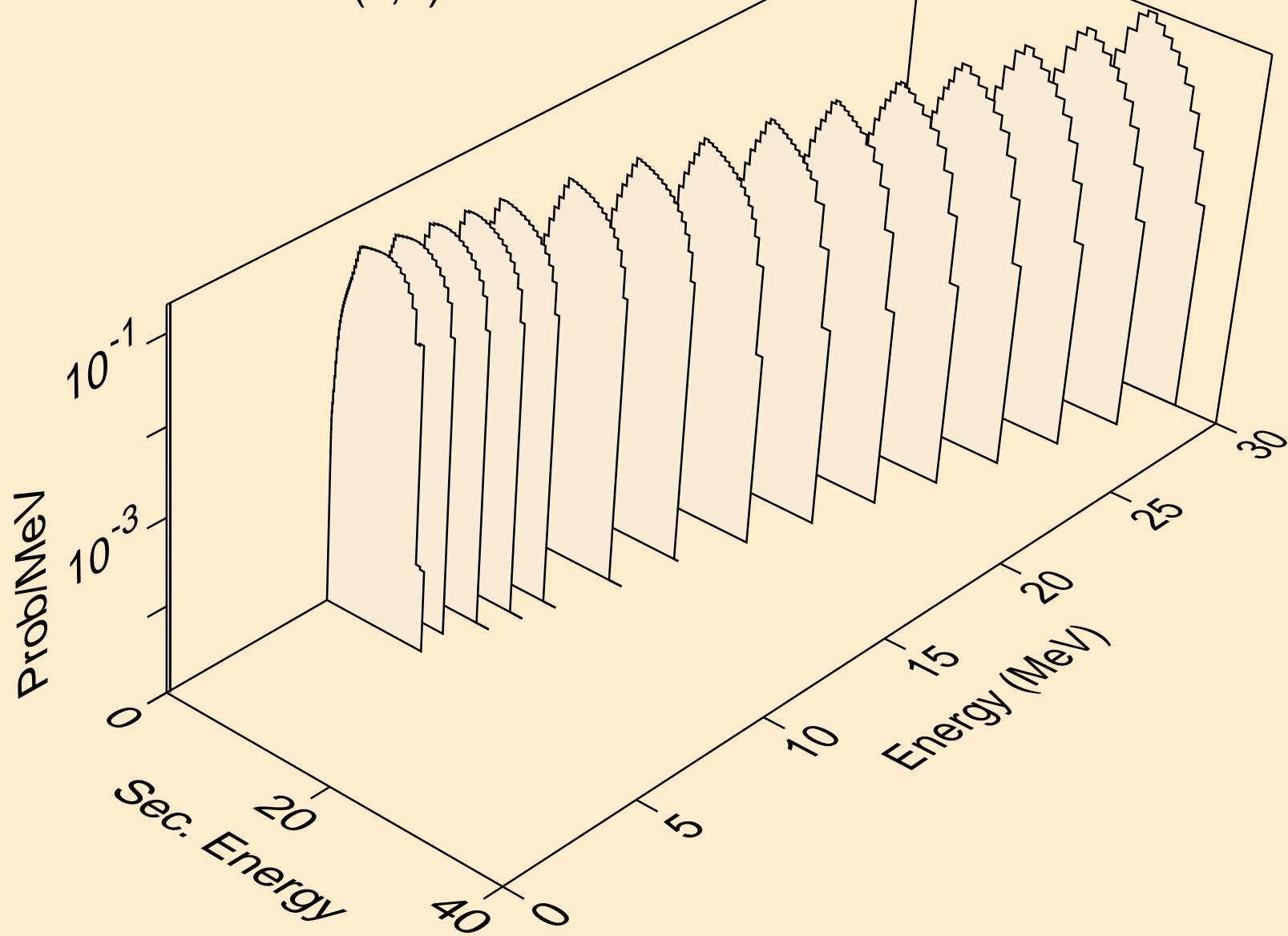
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



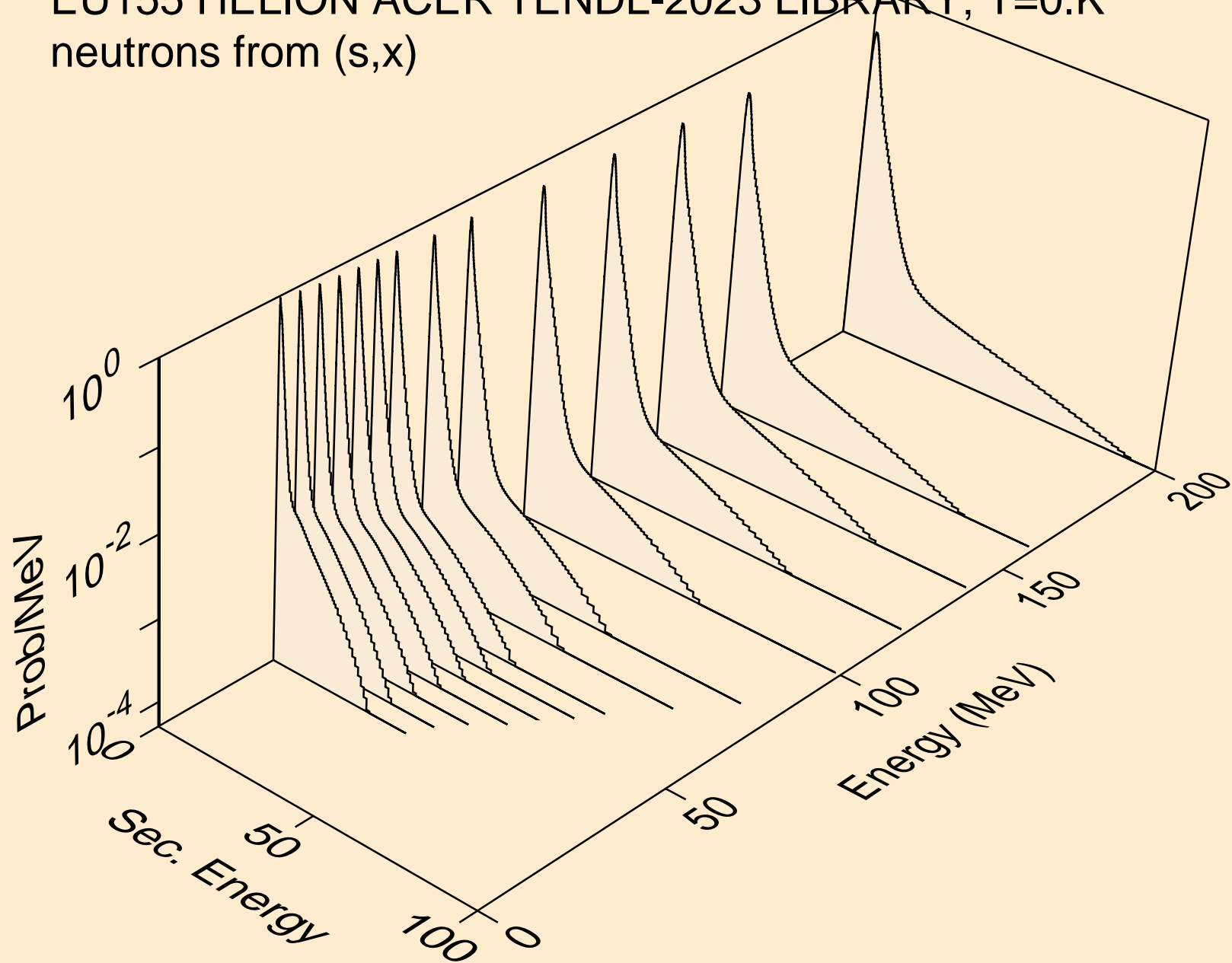
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



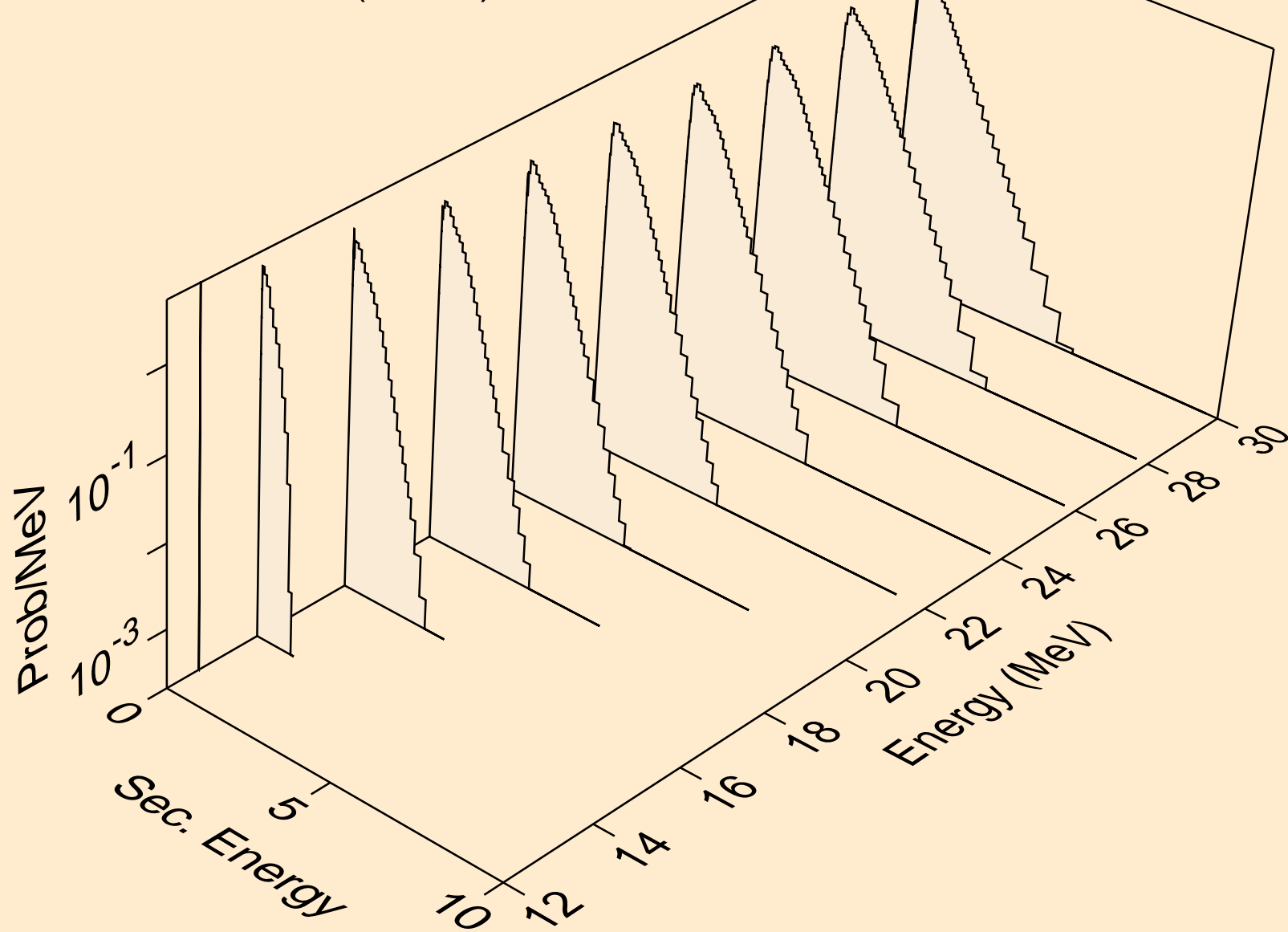
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n)



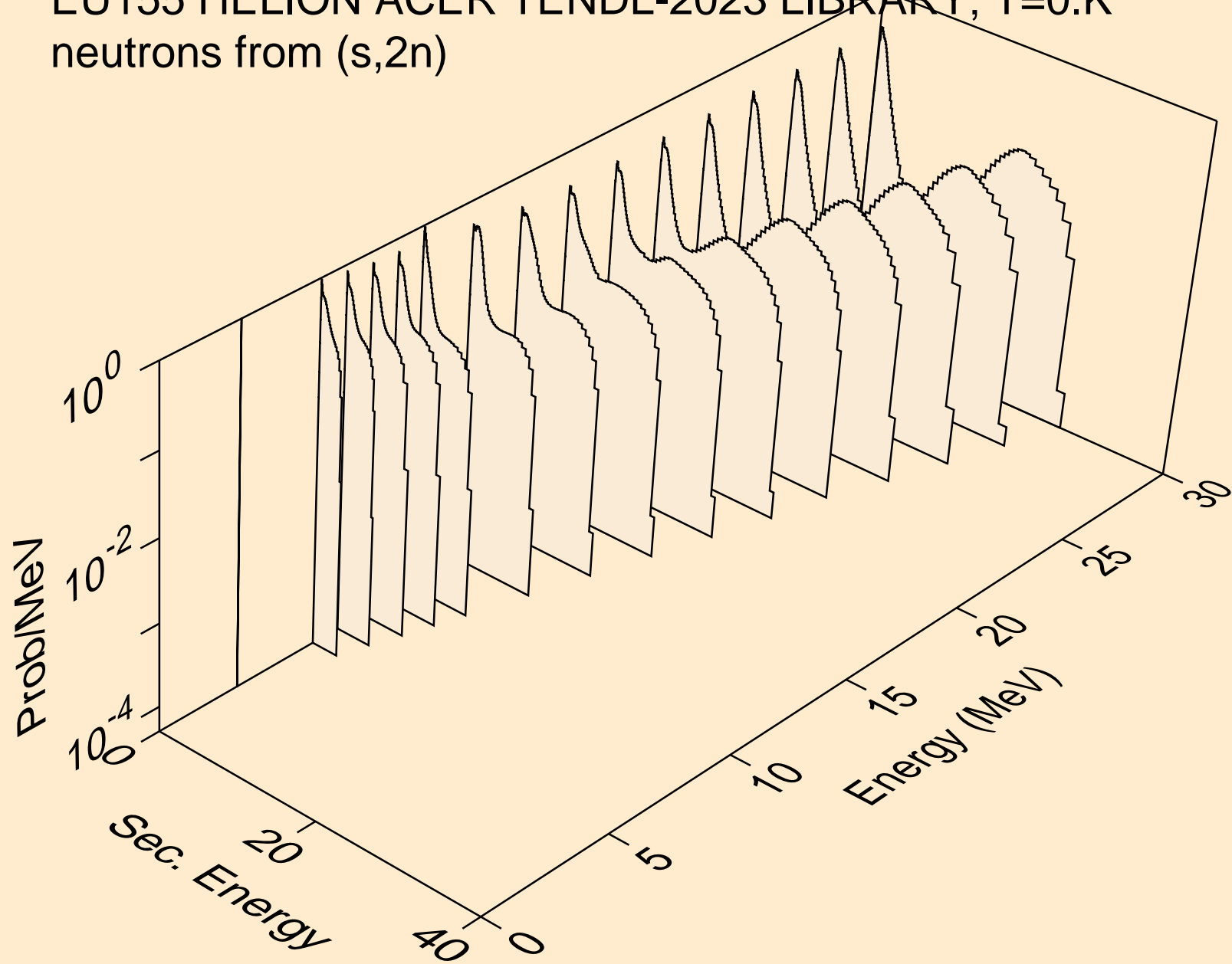
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,x)



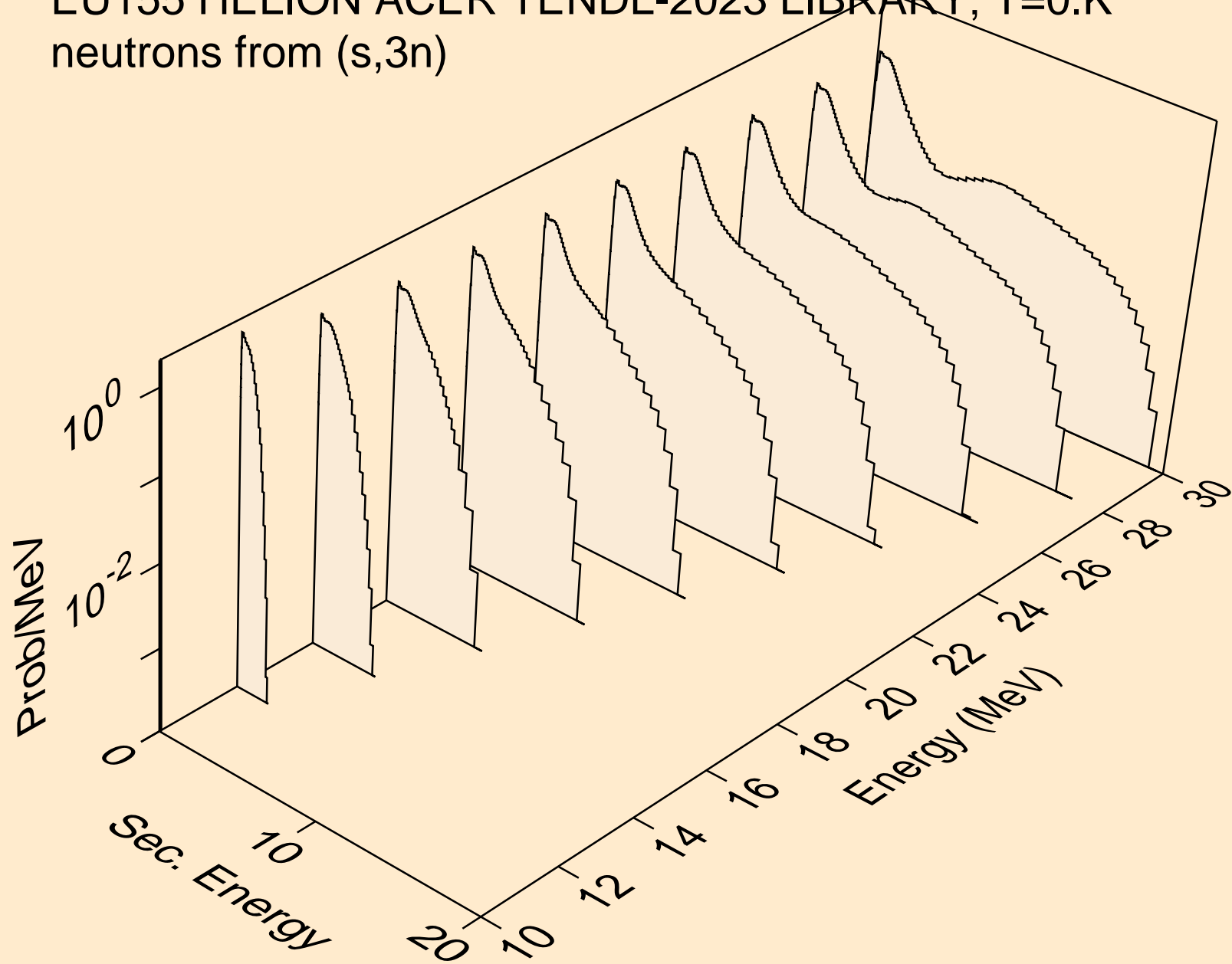
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2nd)



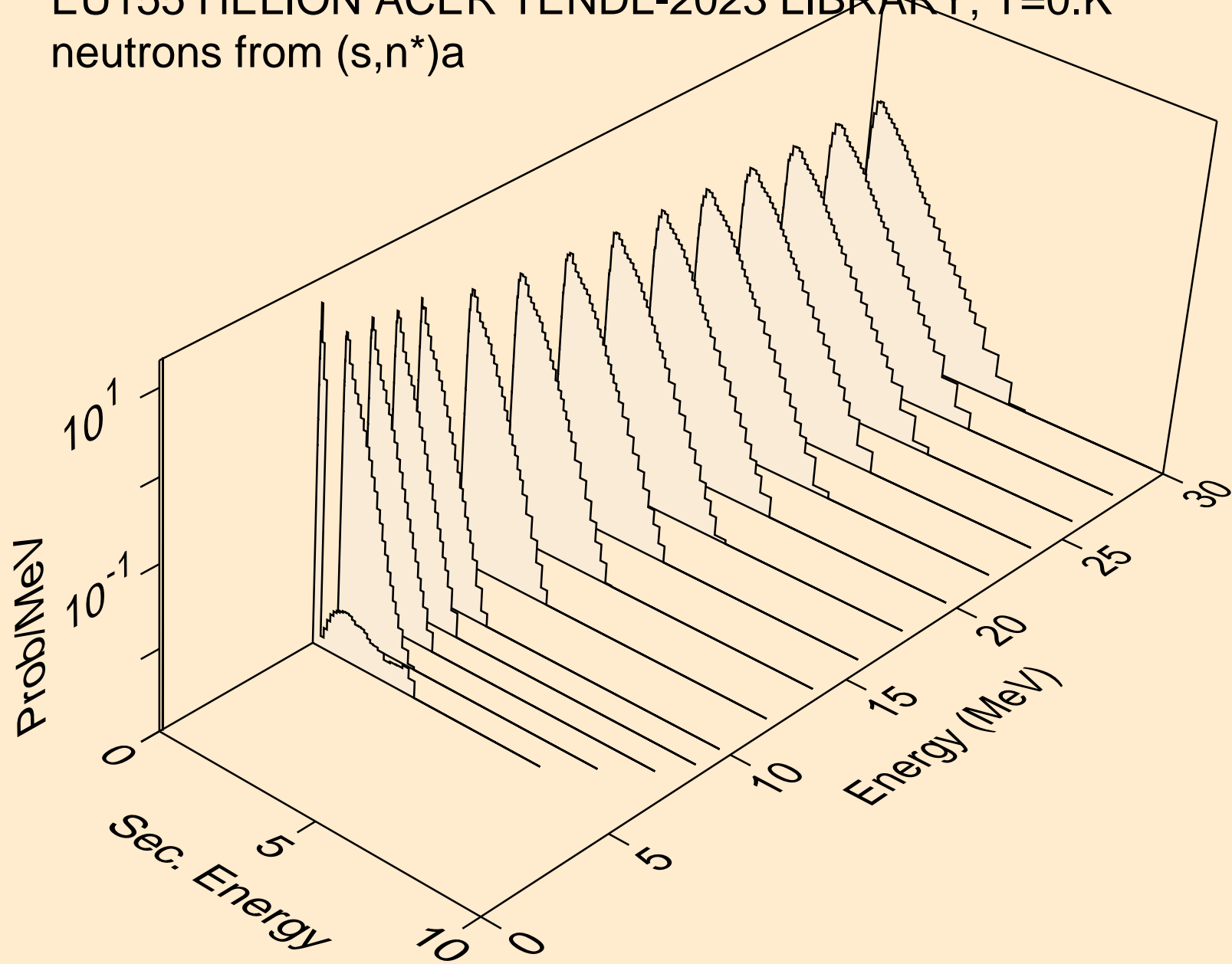
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)



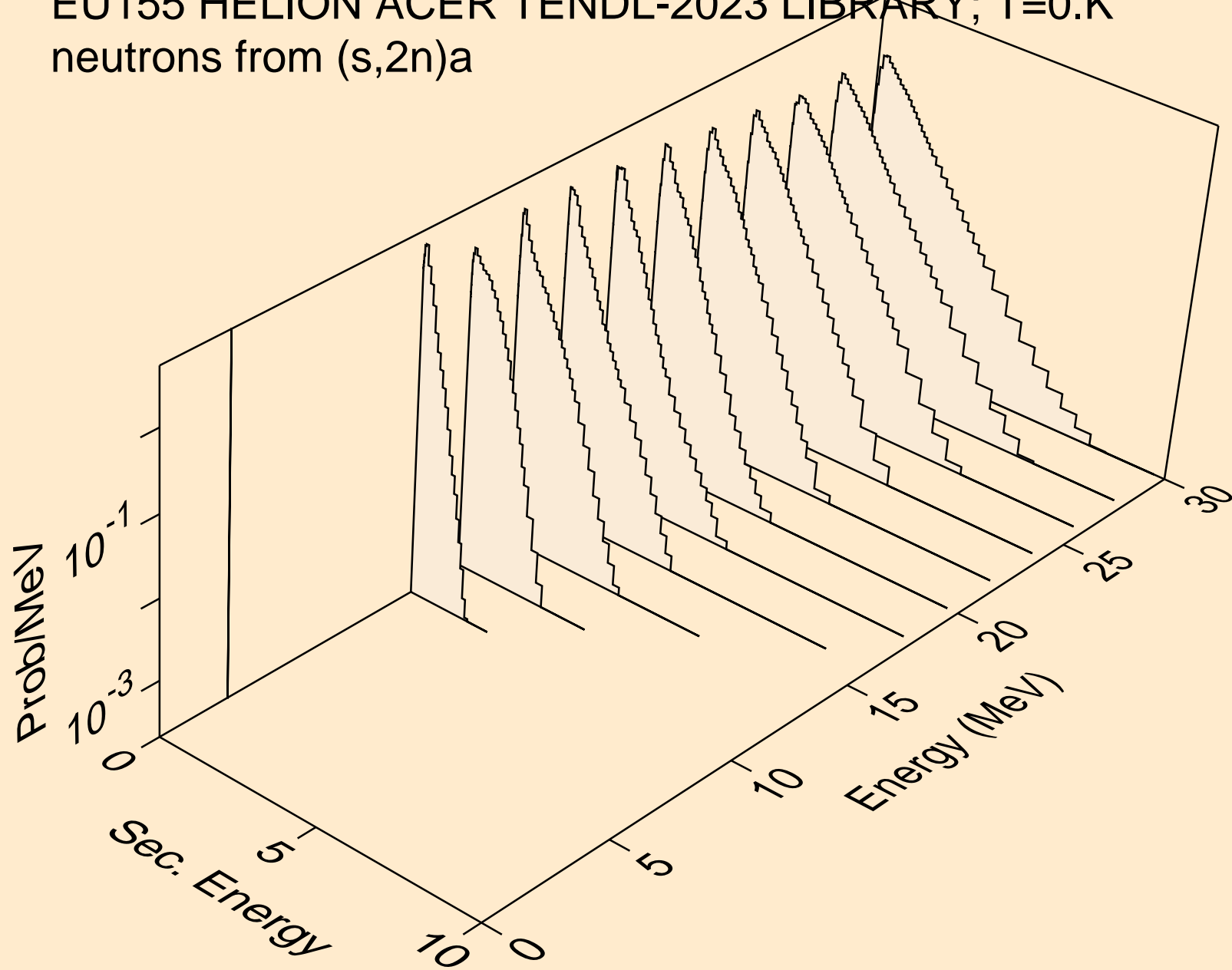
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3n)



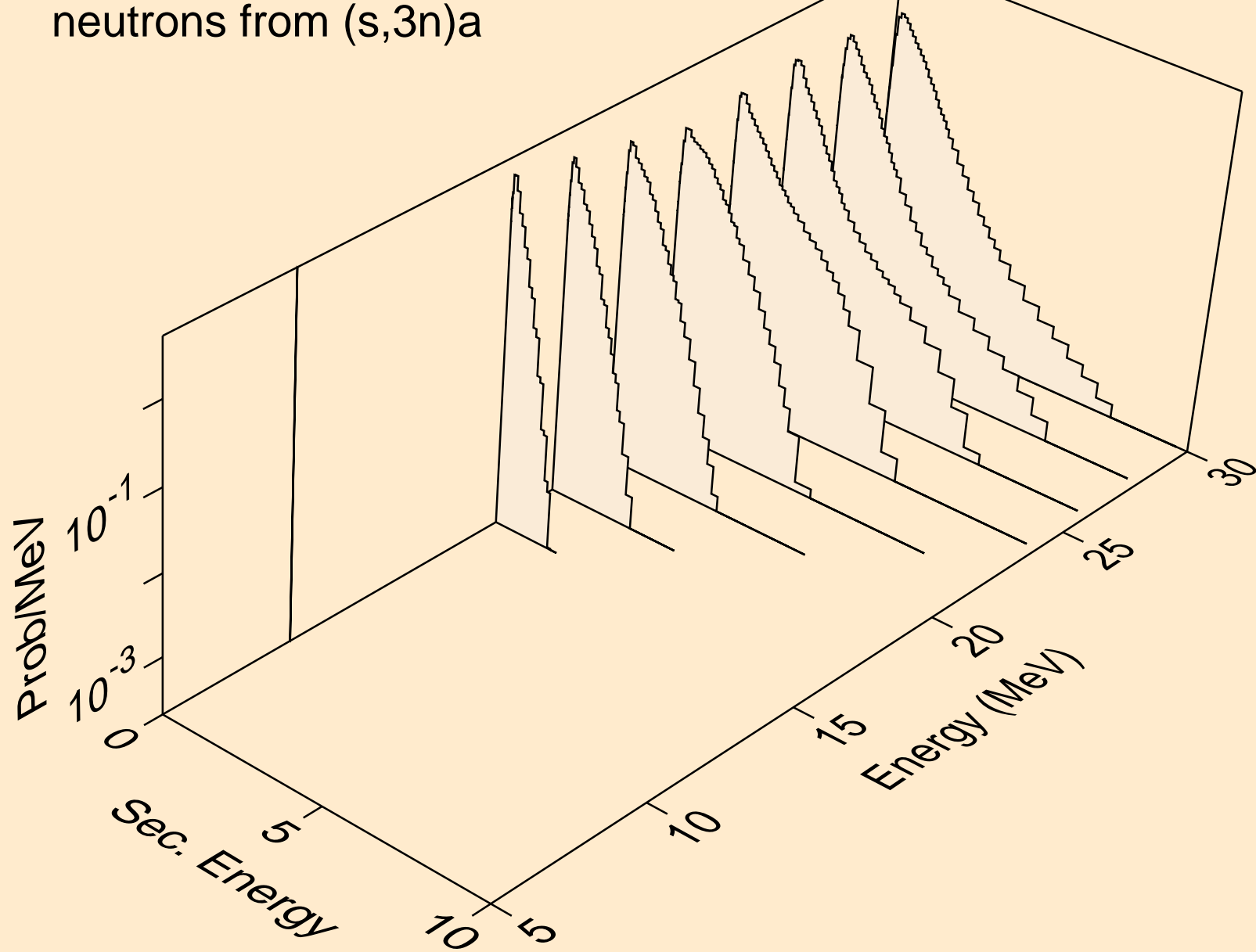
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)a



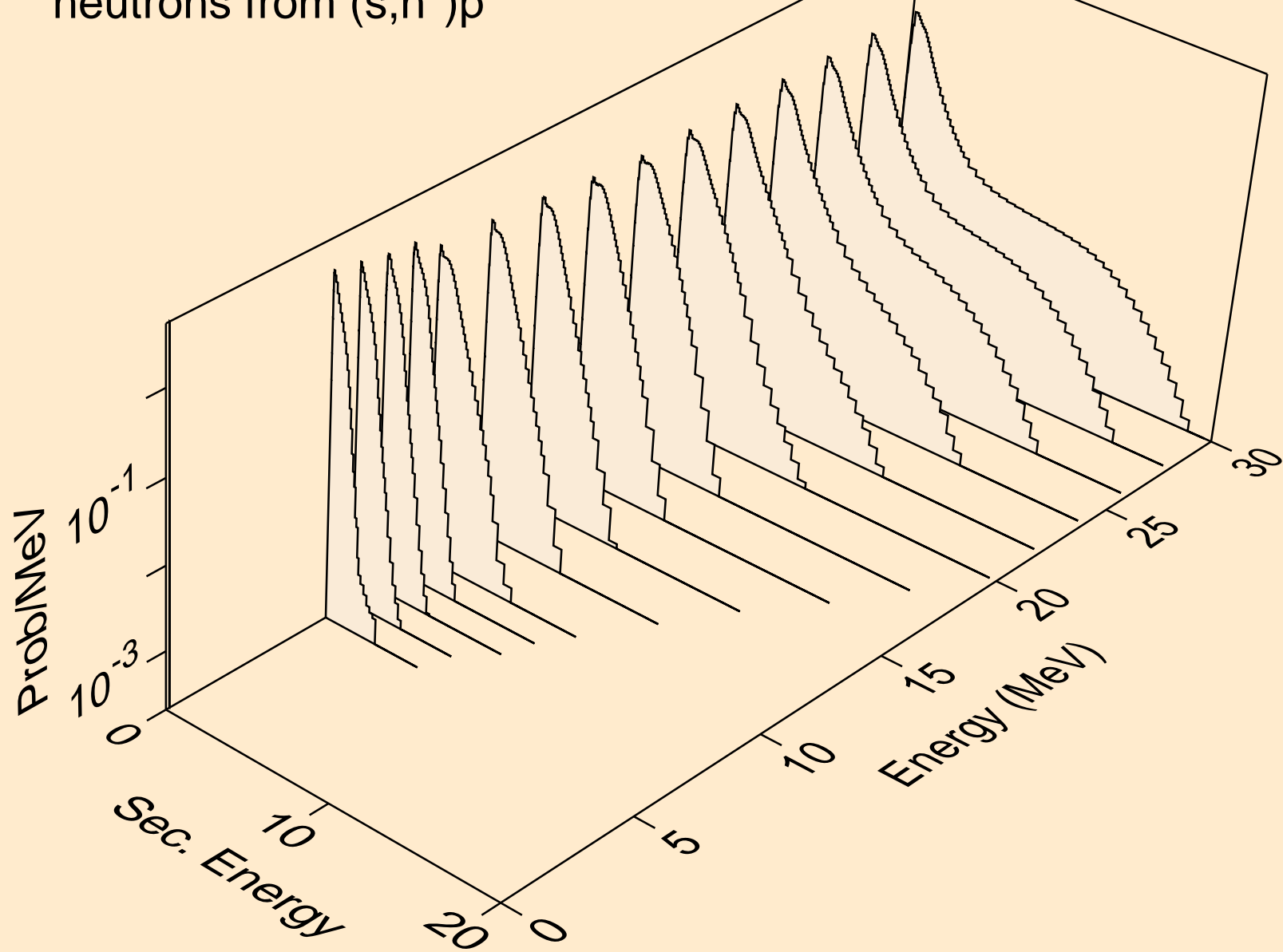
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)a



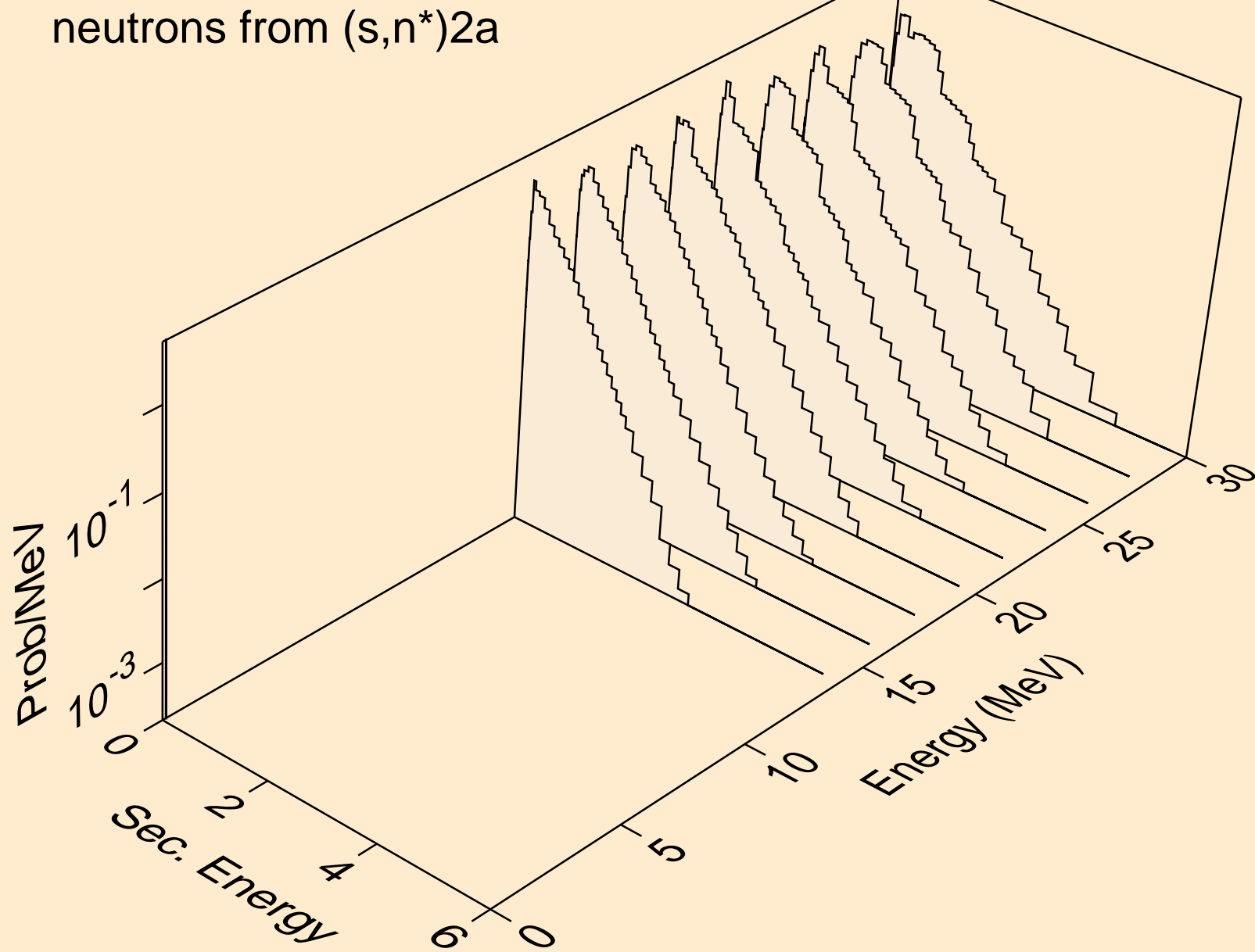
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3n)a



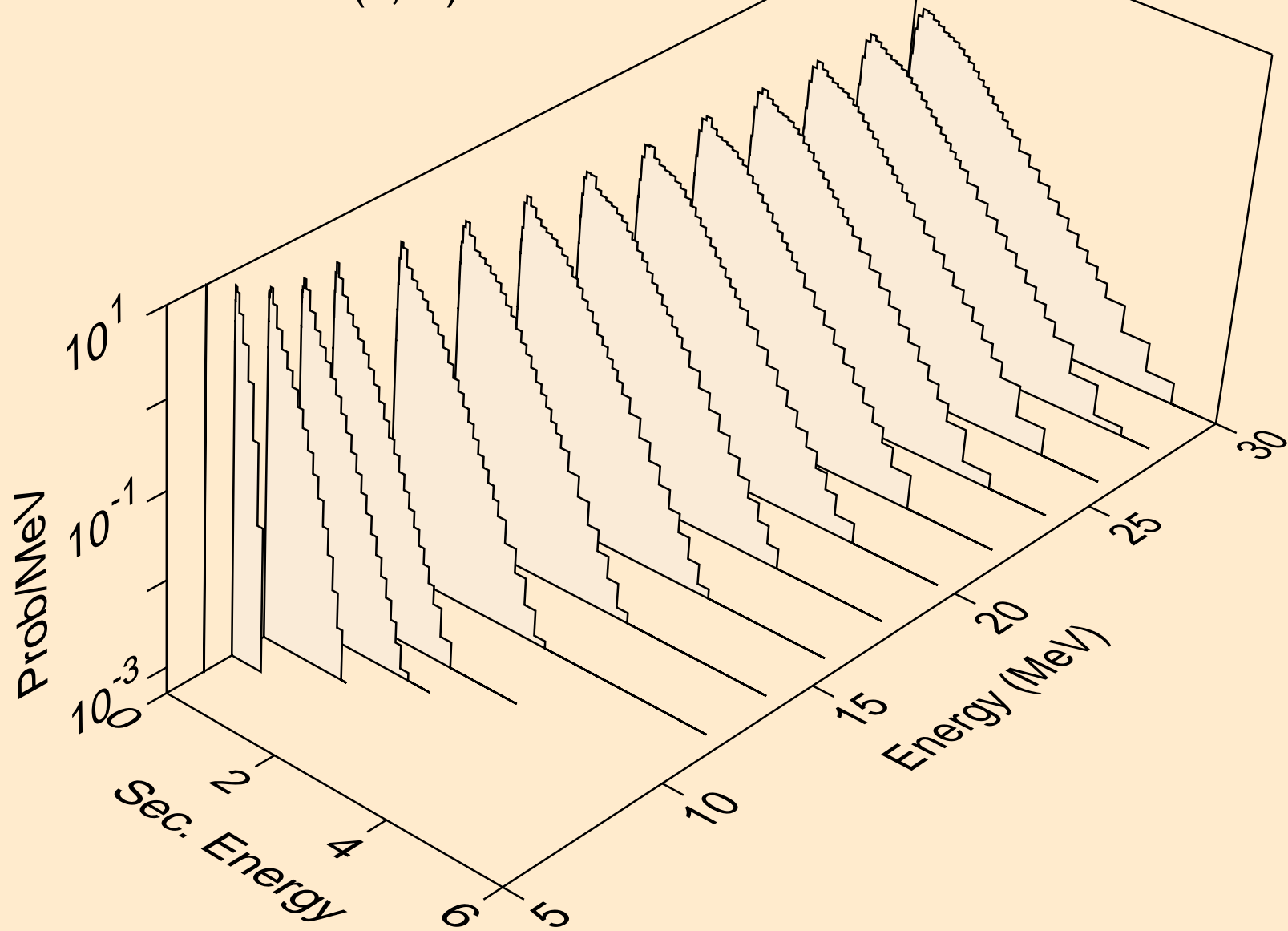
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)p



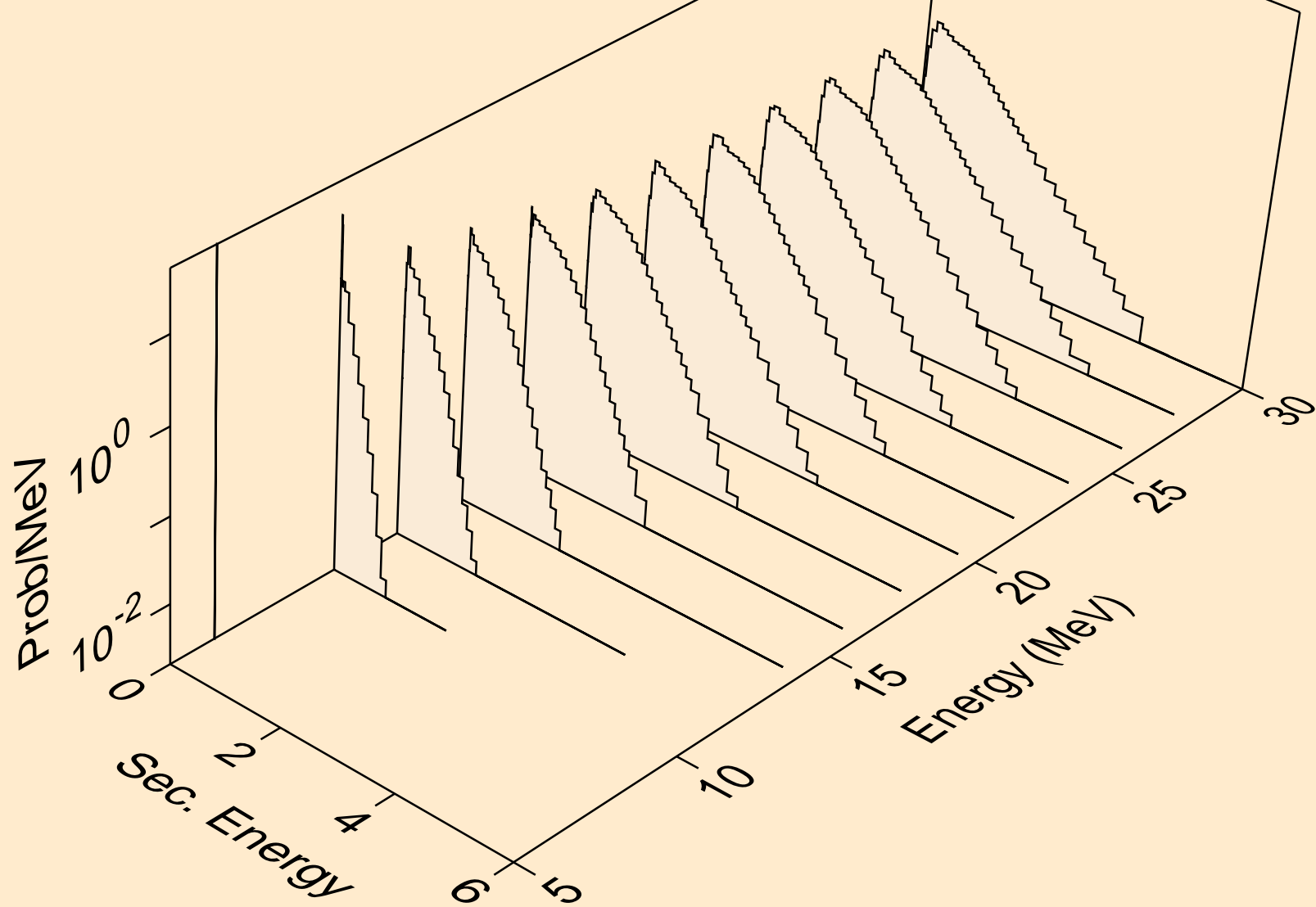
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)2a



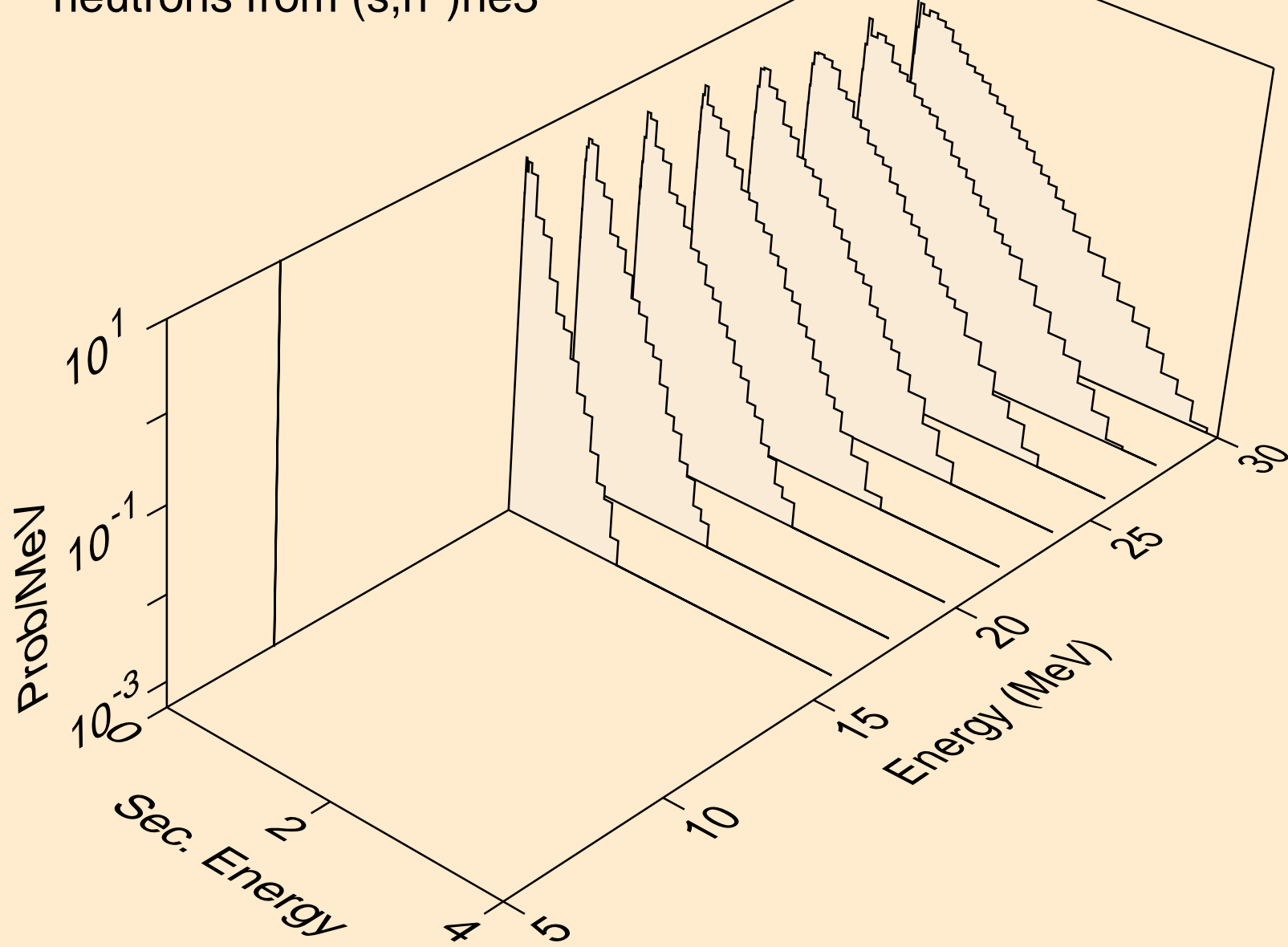
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)d



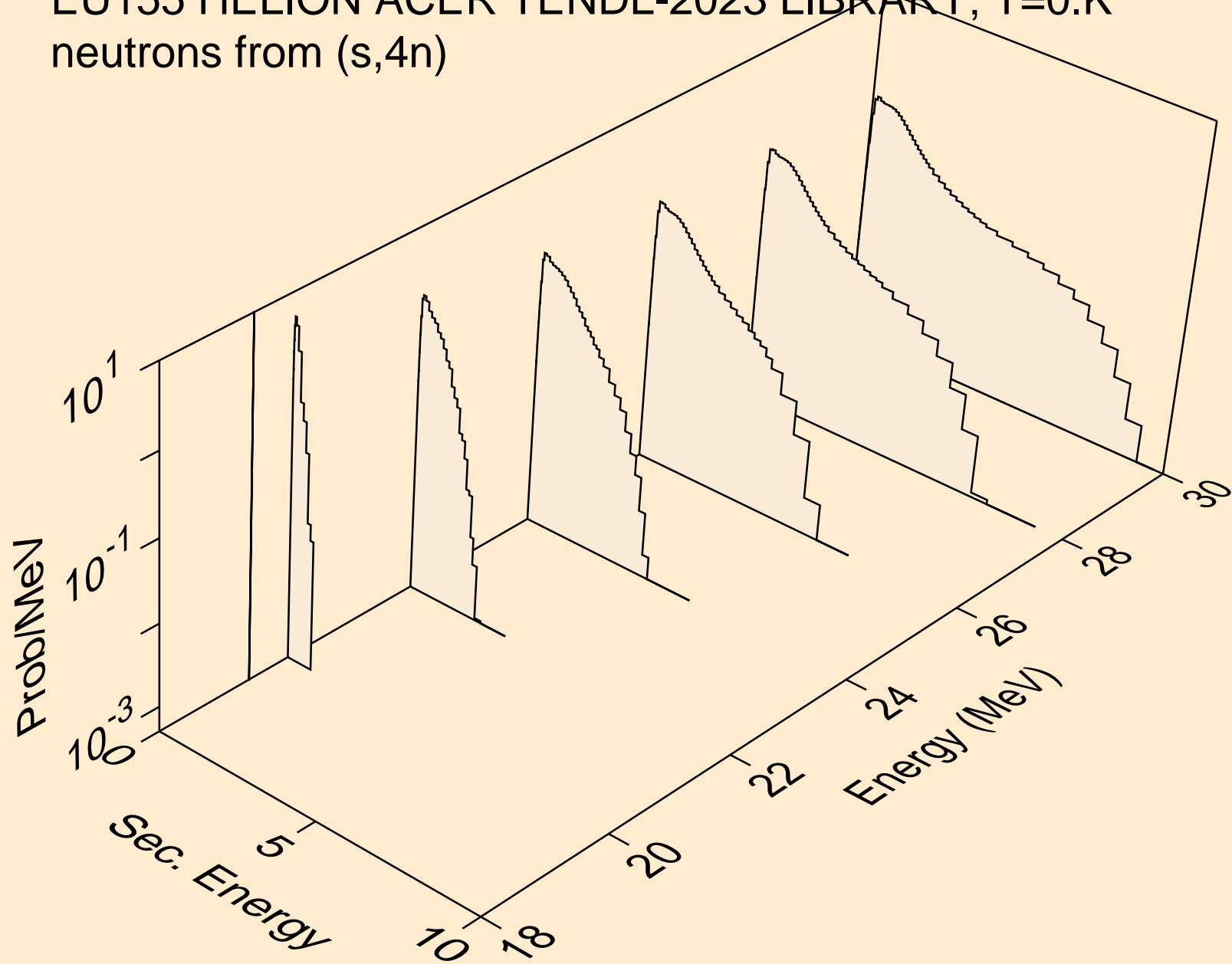
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)t



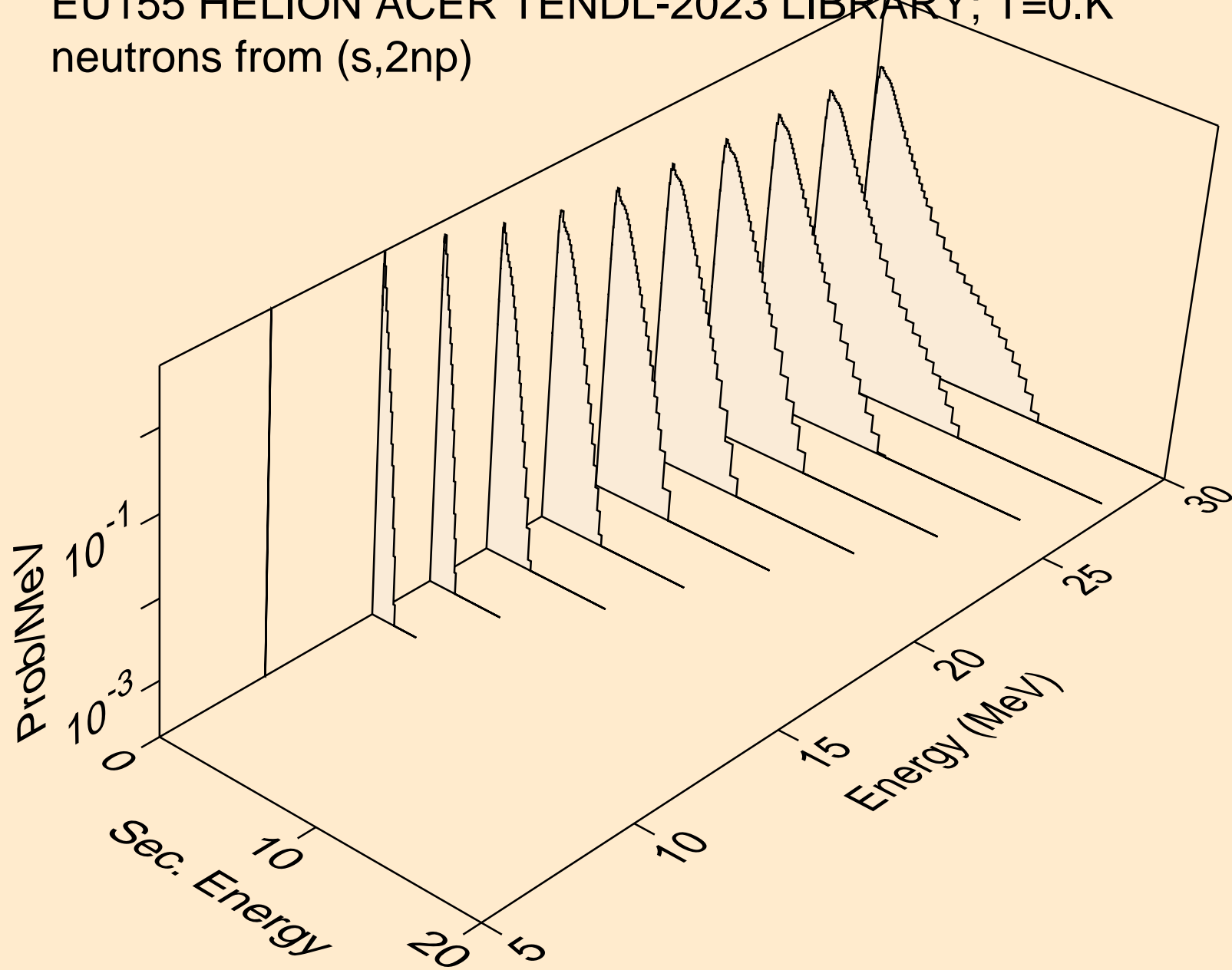
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



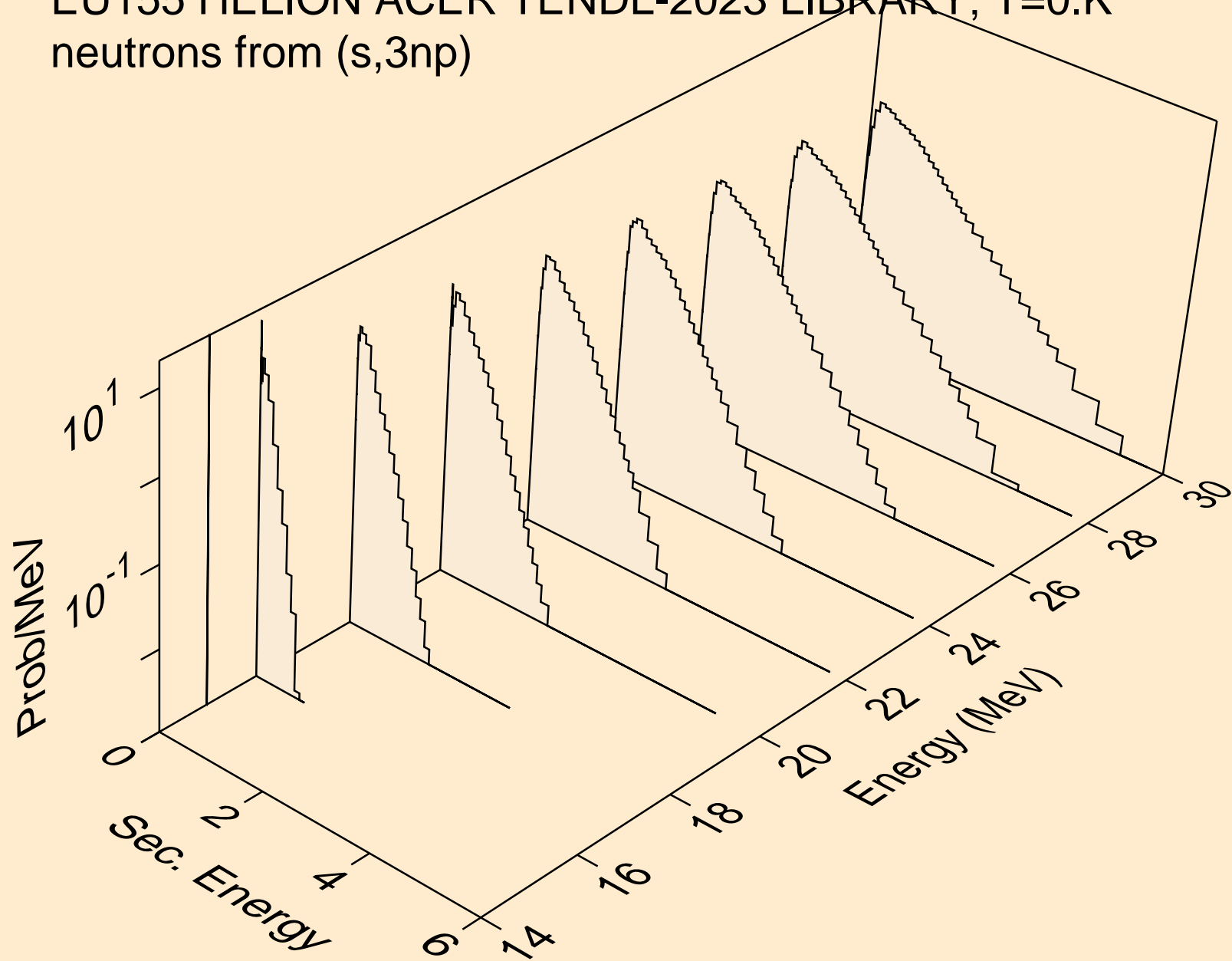
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,4n)



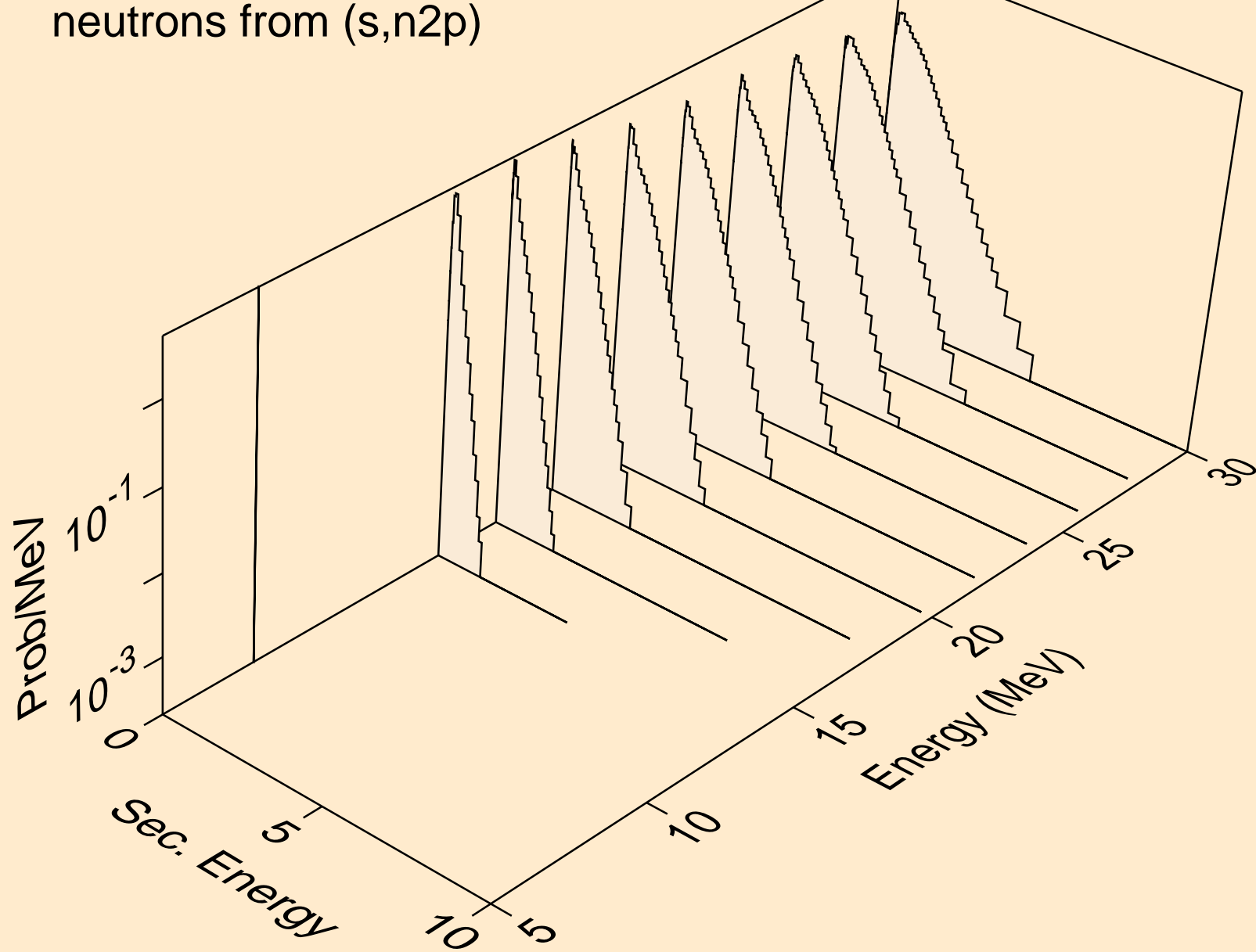
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2np)



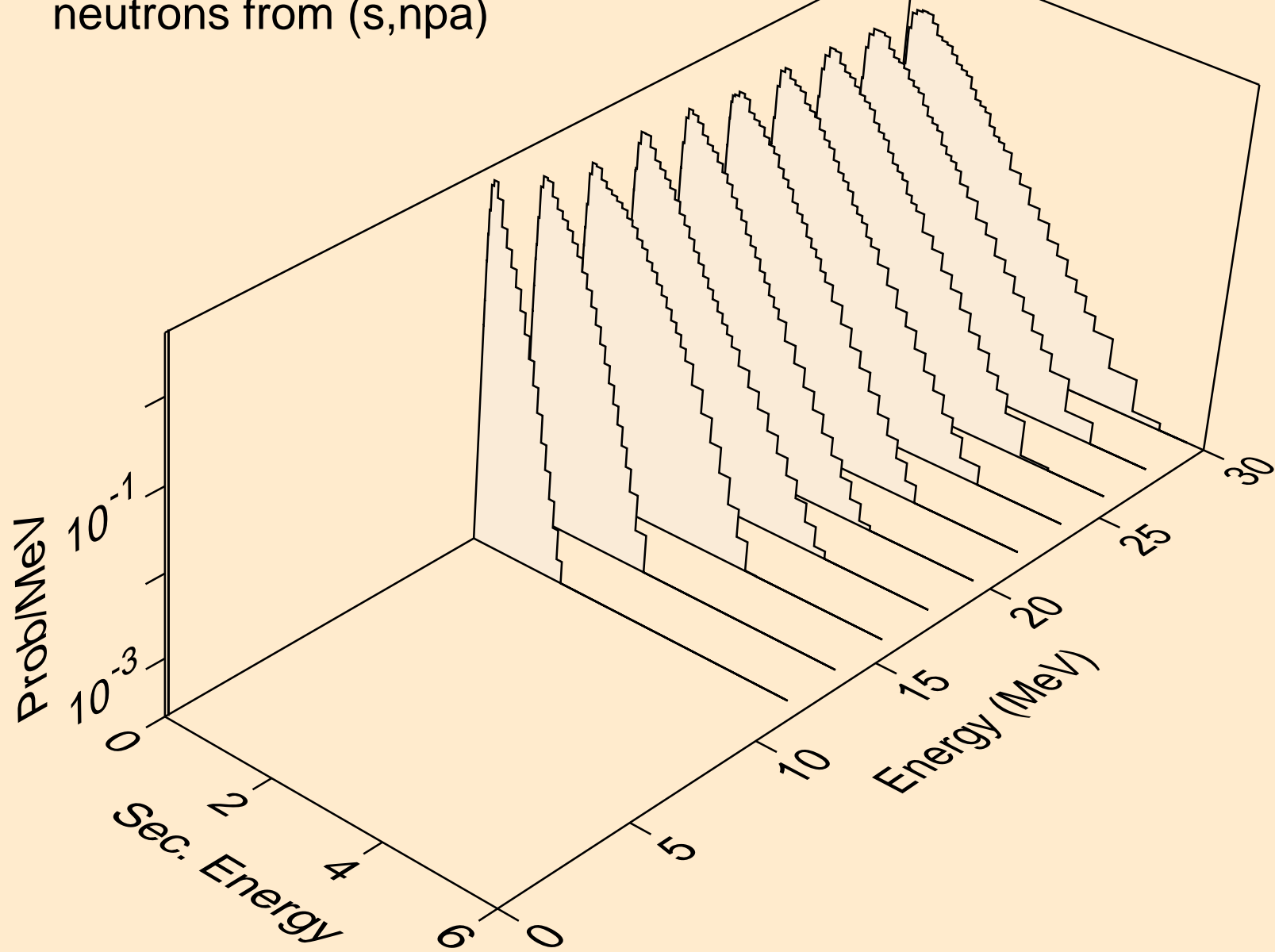
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3np)



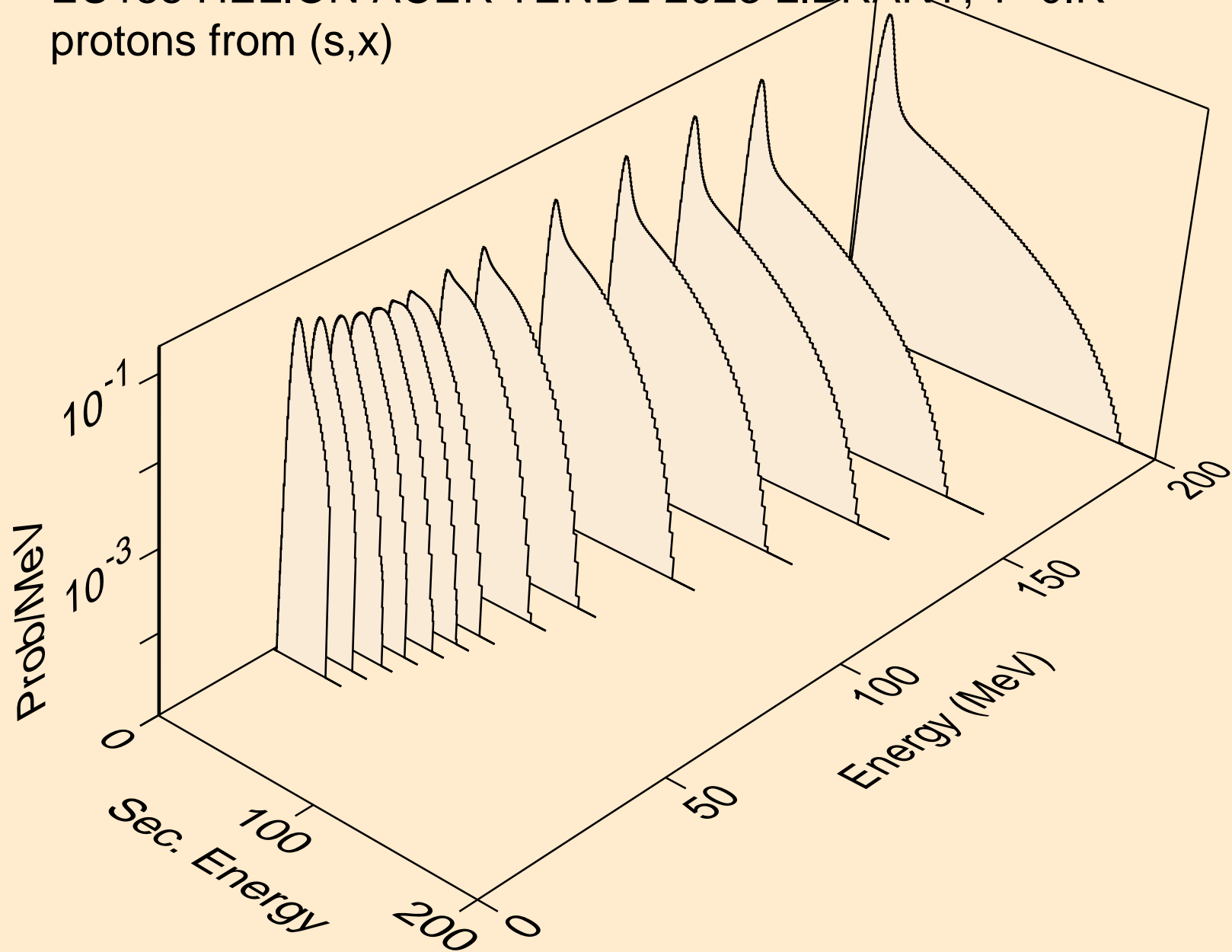
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n2p)



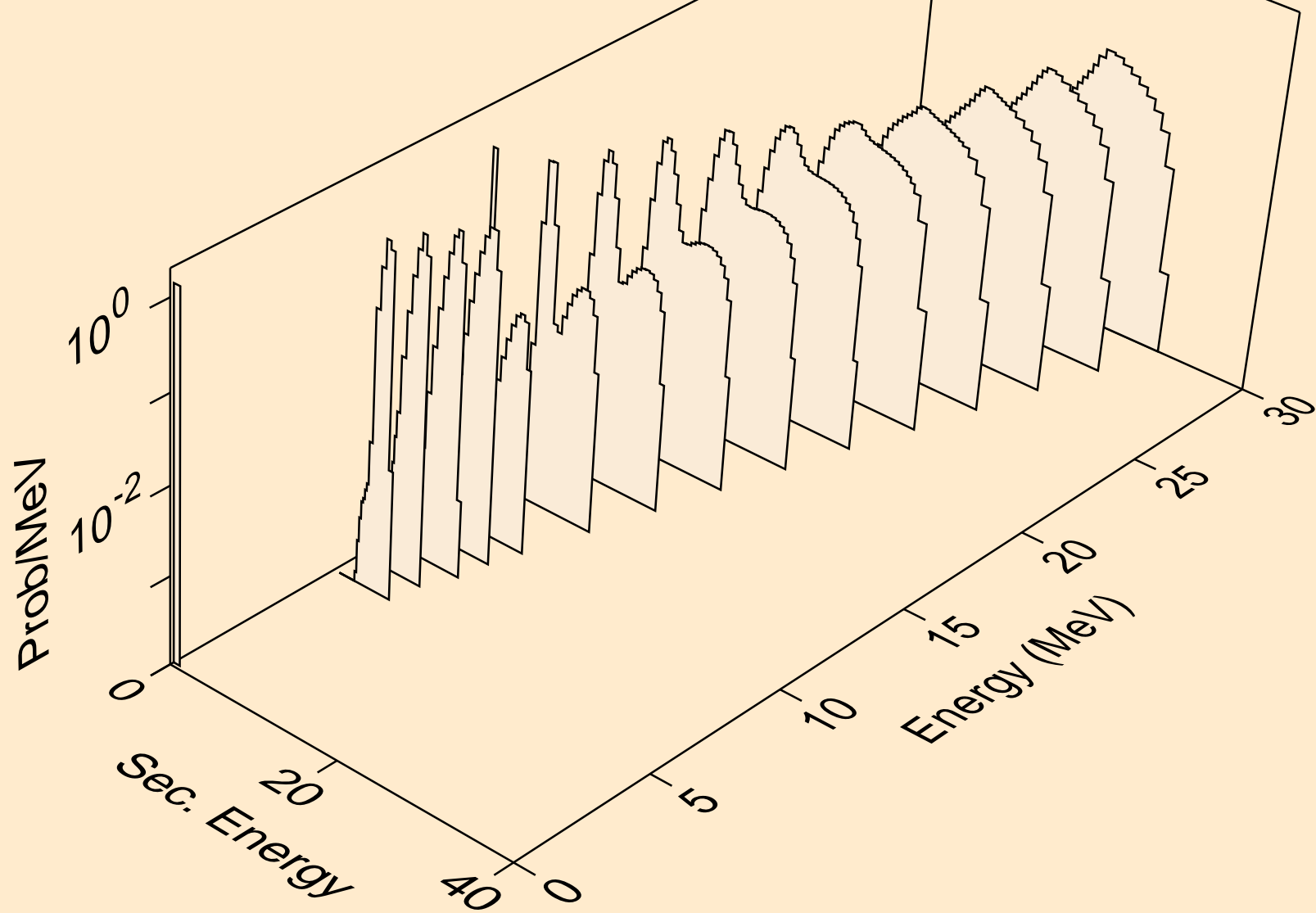
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,npa)



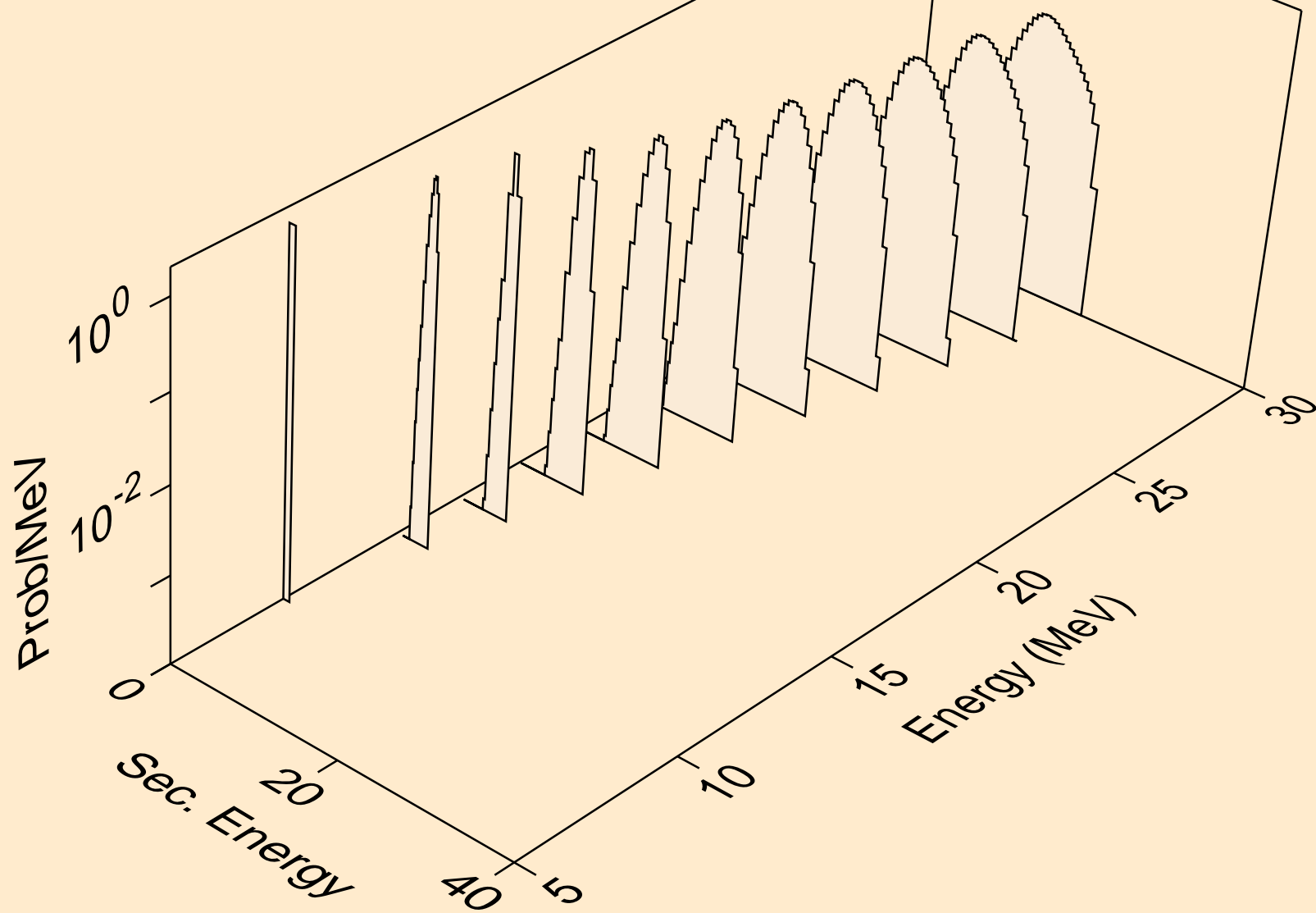
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,x)



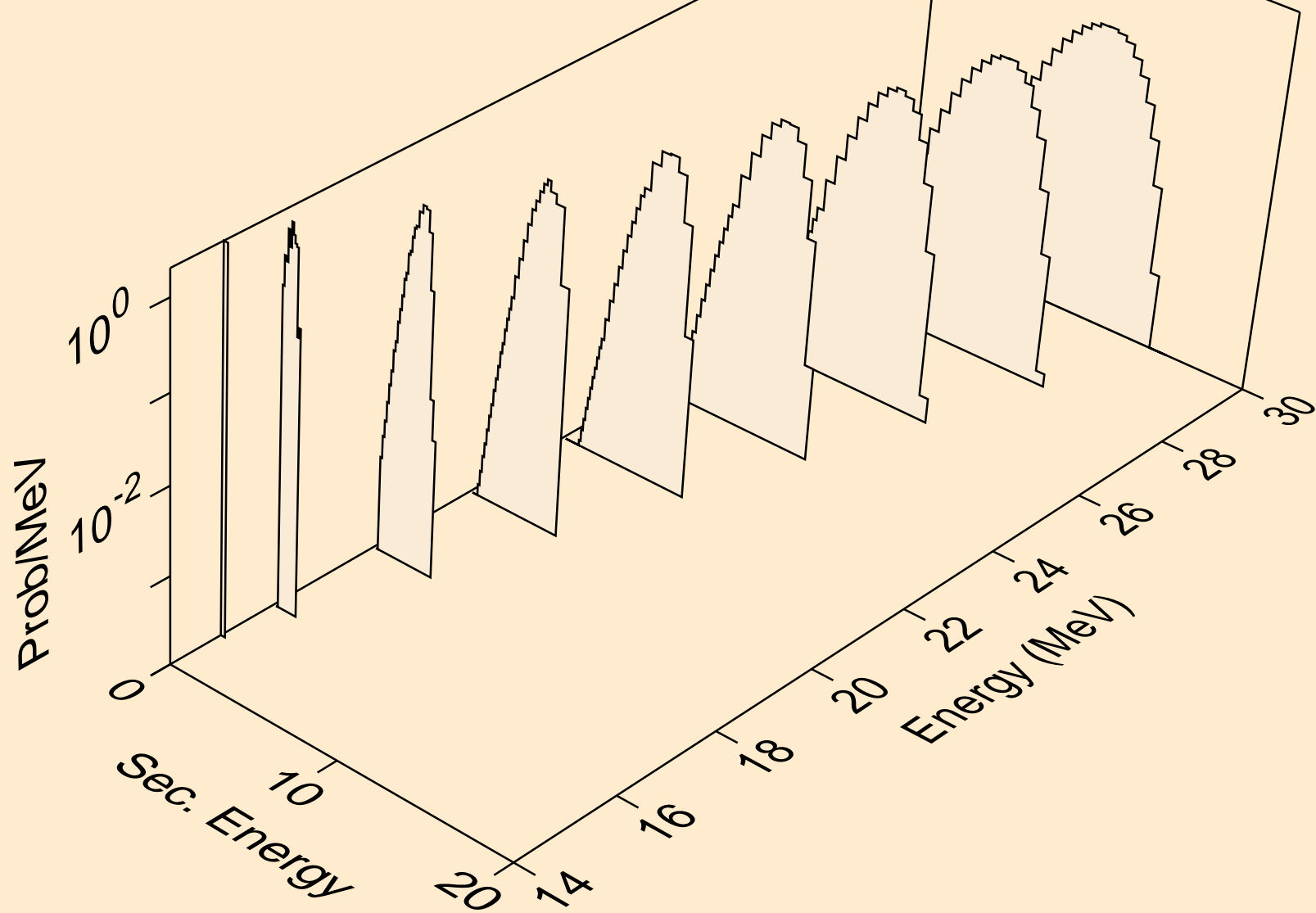
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,n\*)p



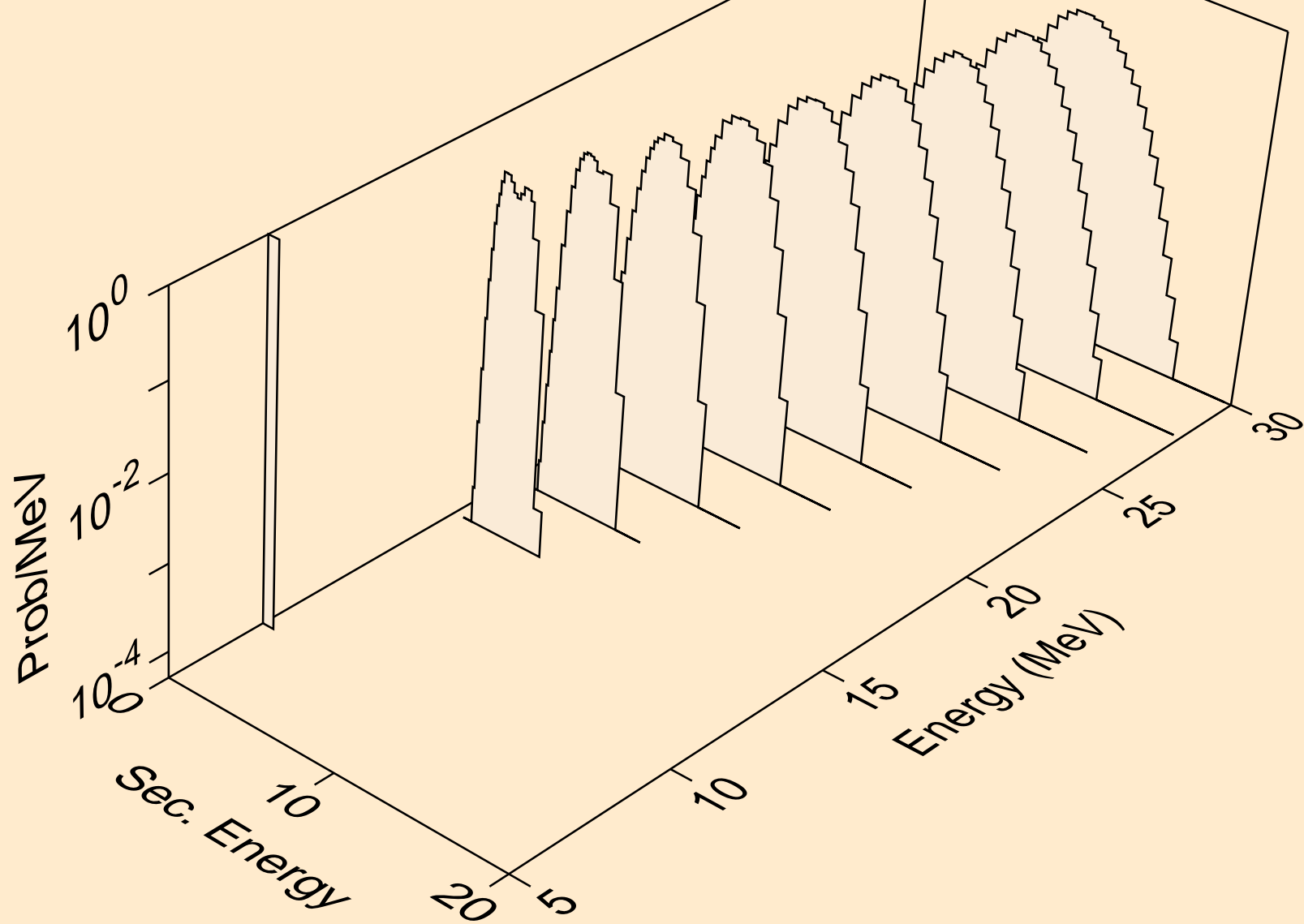
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,2np)



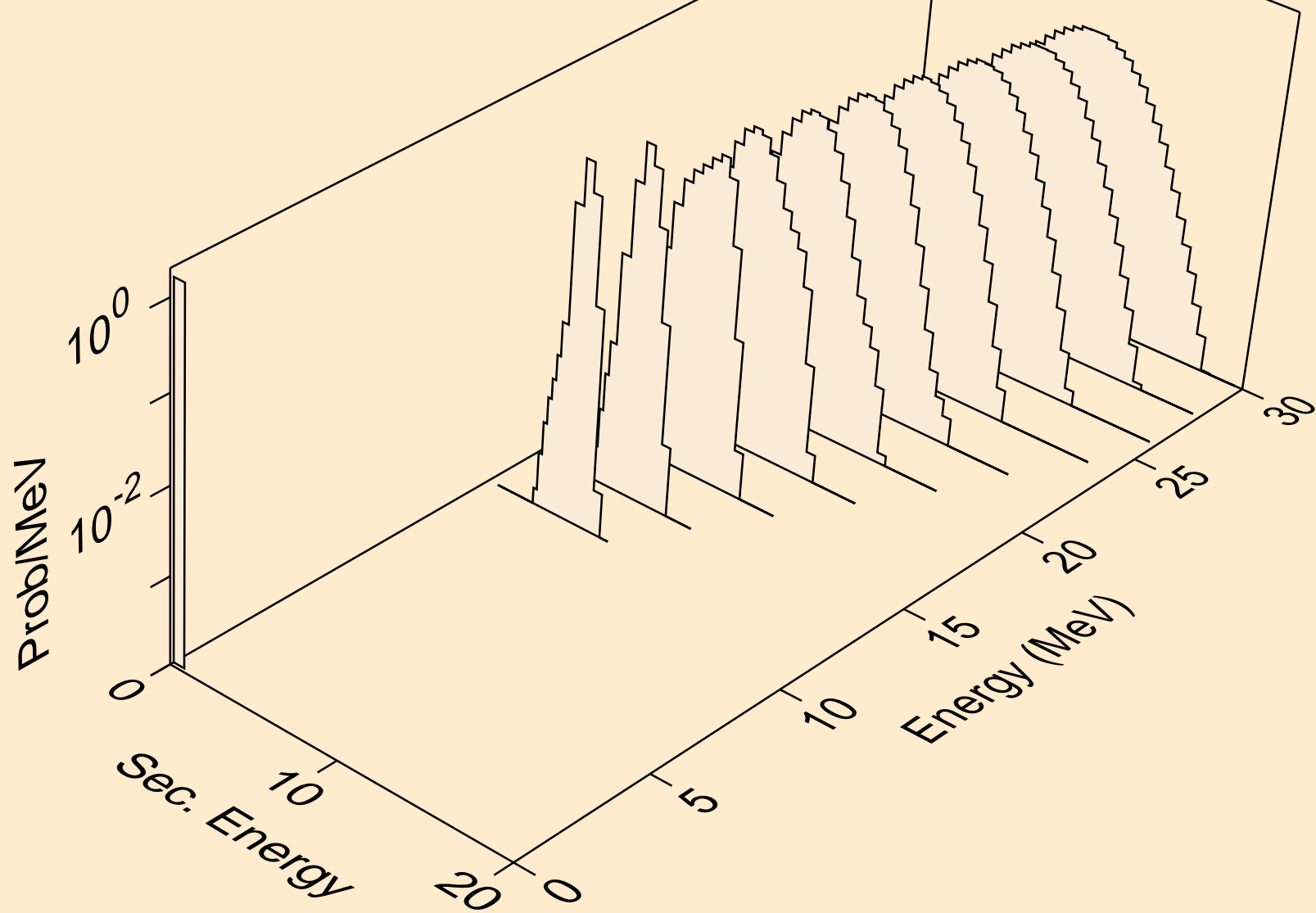
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,3np)



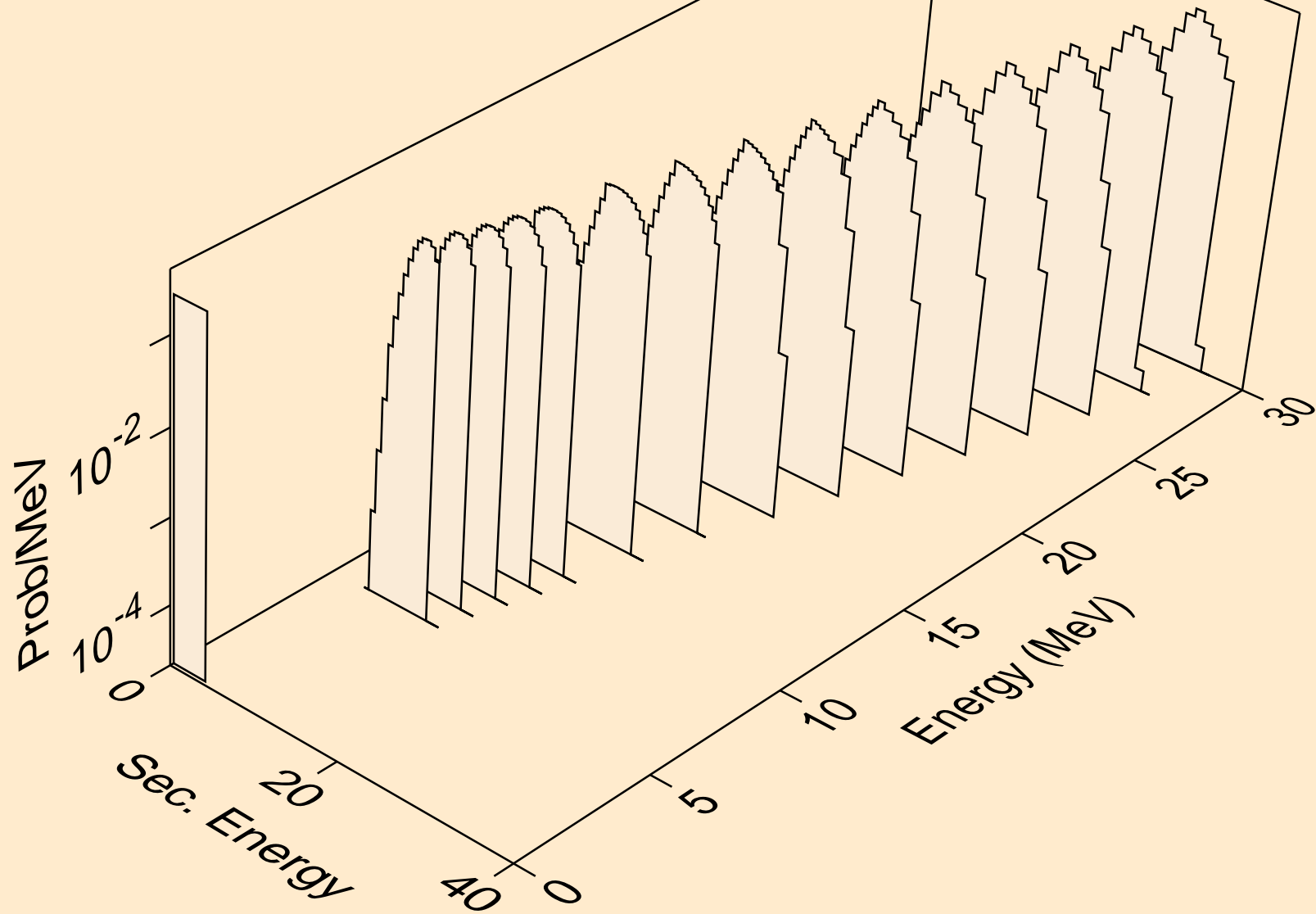
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,n2p)



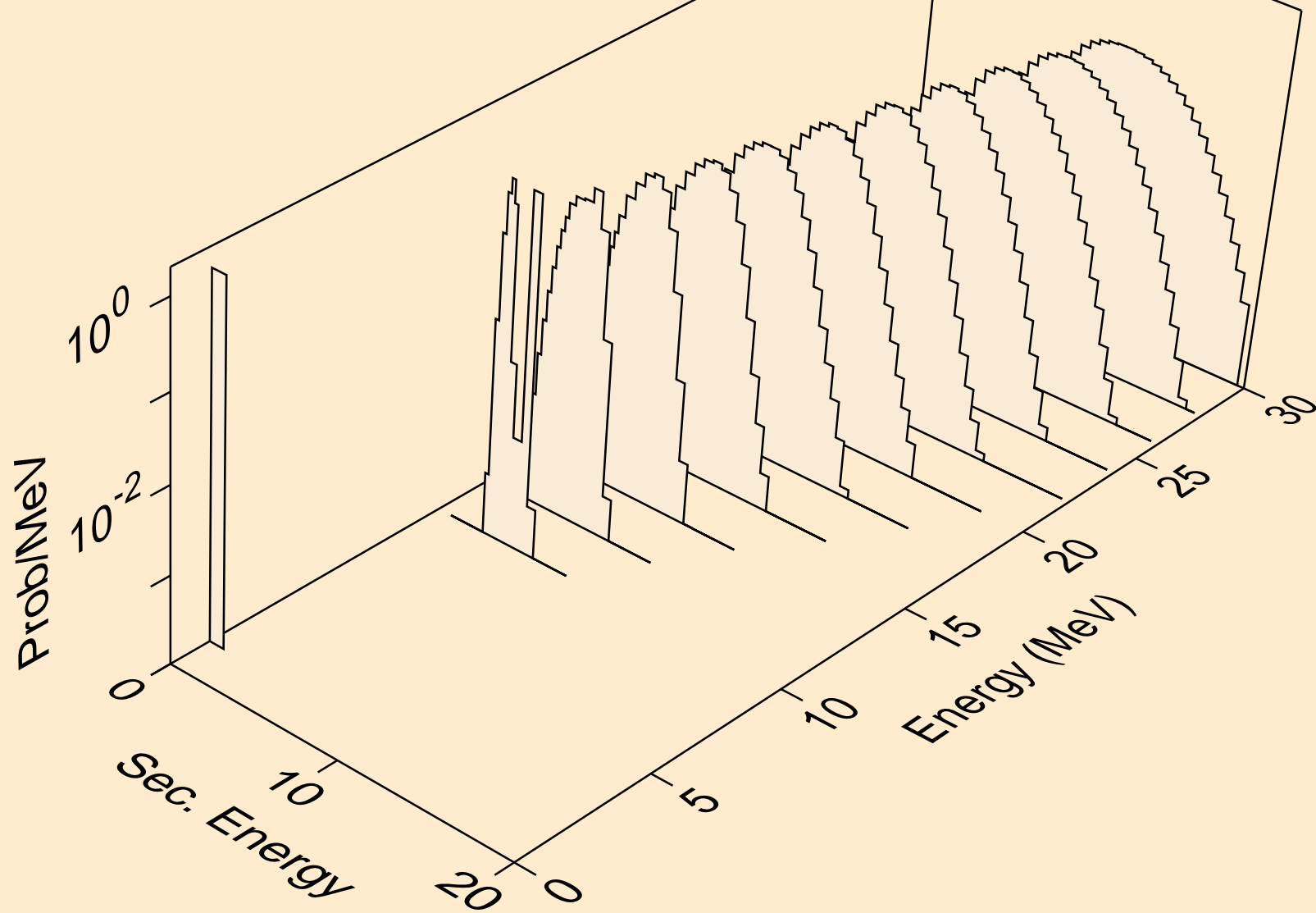
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,npa)



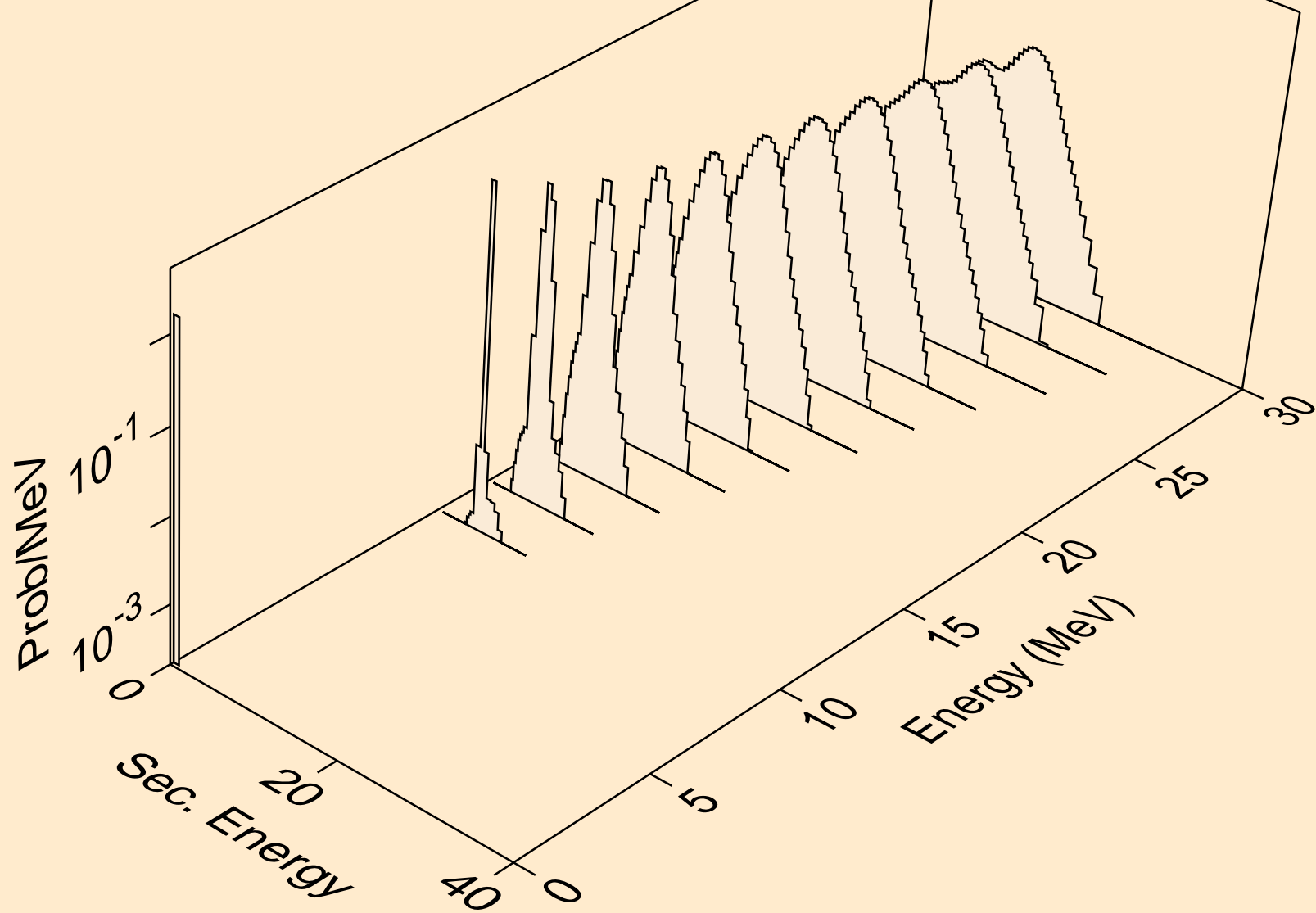
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,p)



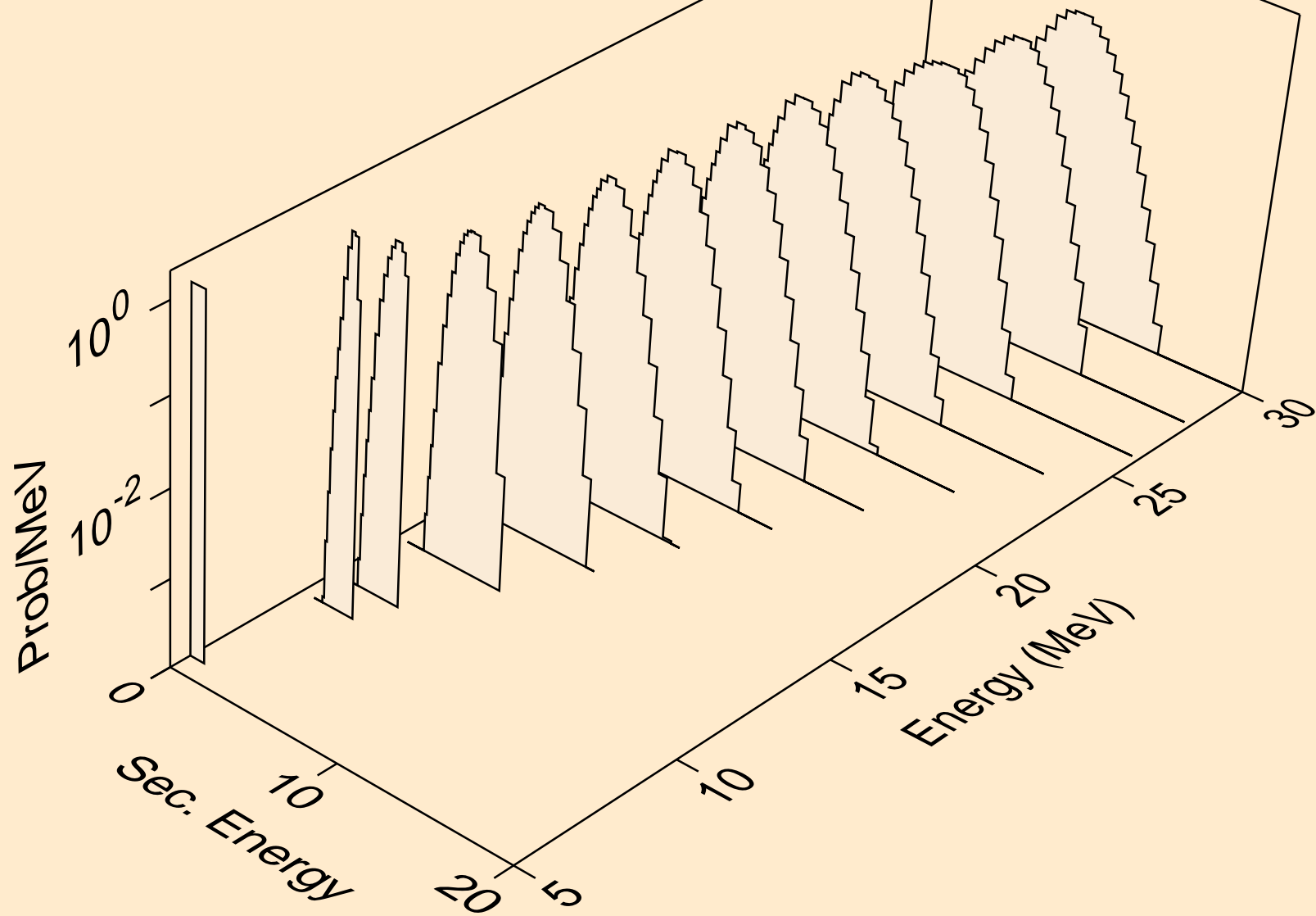
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,2p)



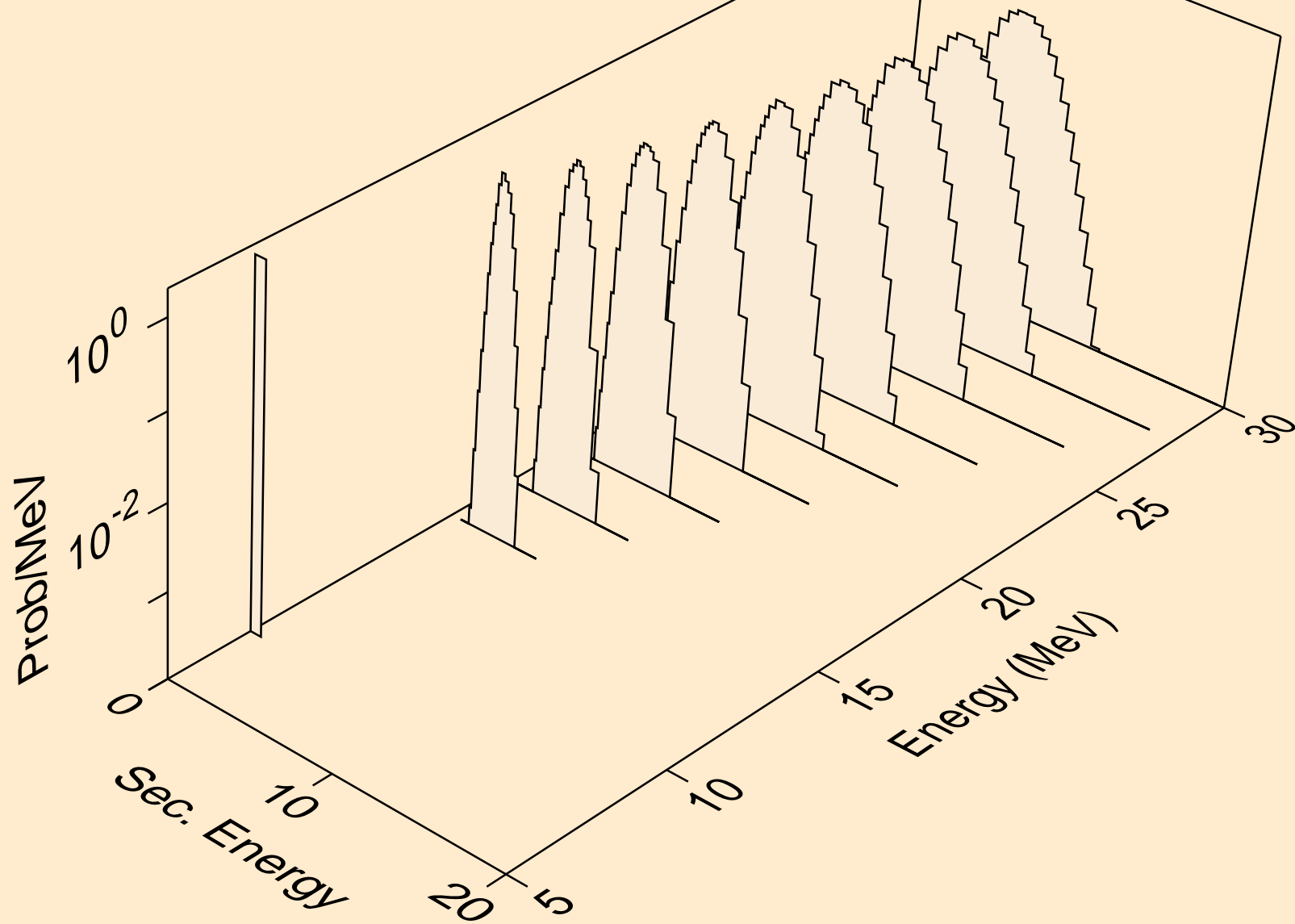
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pa)



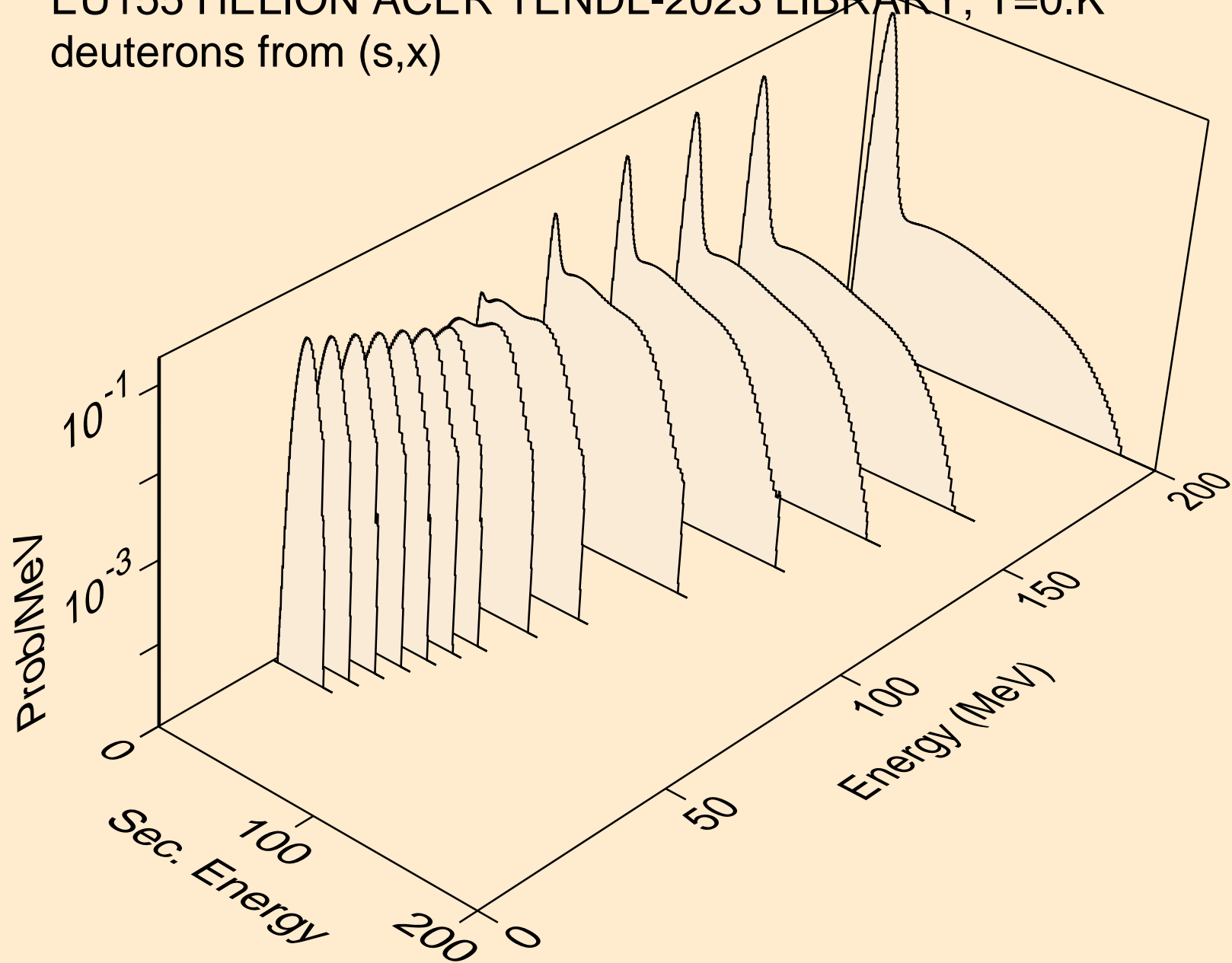
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pd)



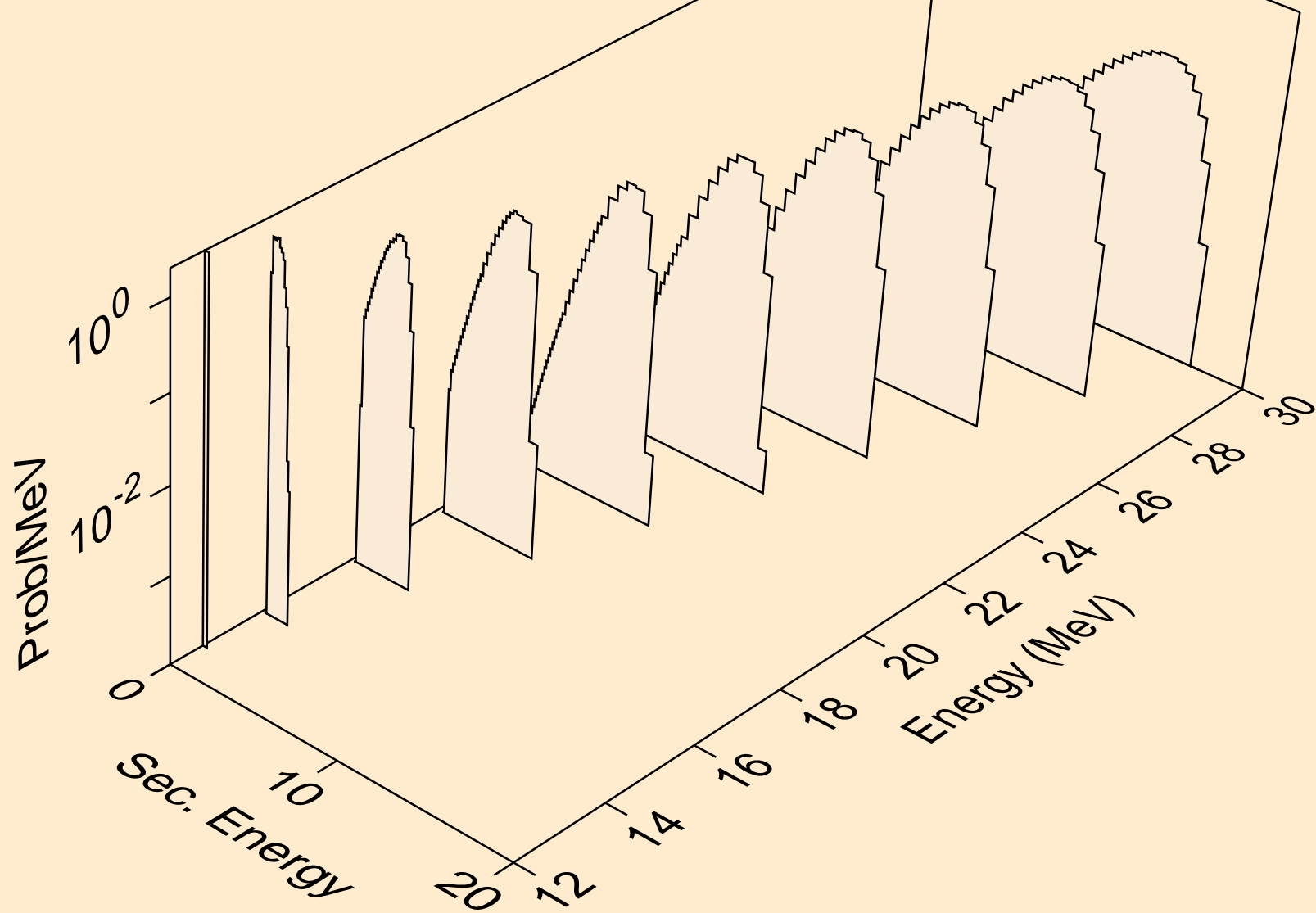
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pt)



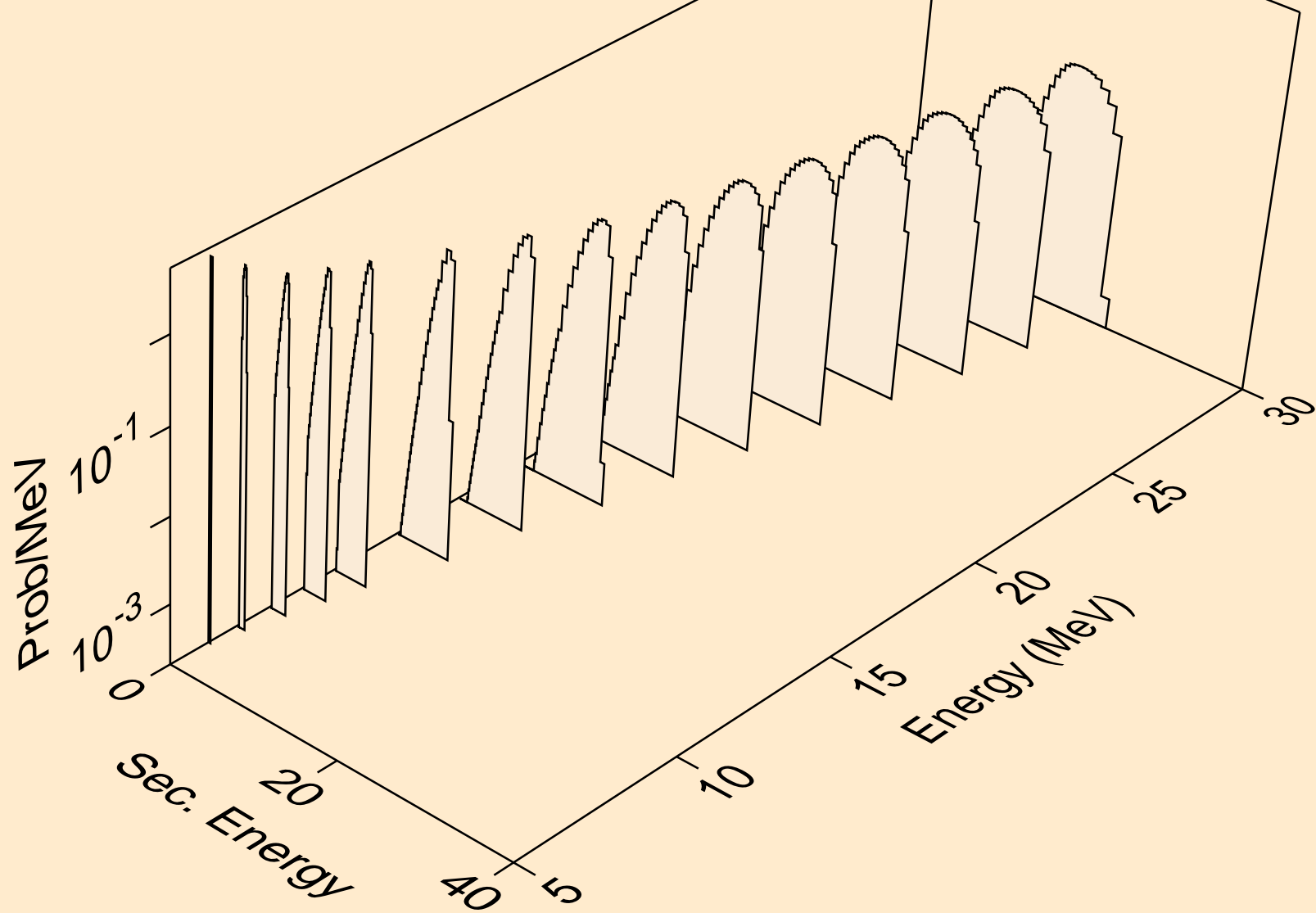
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,x)



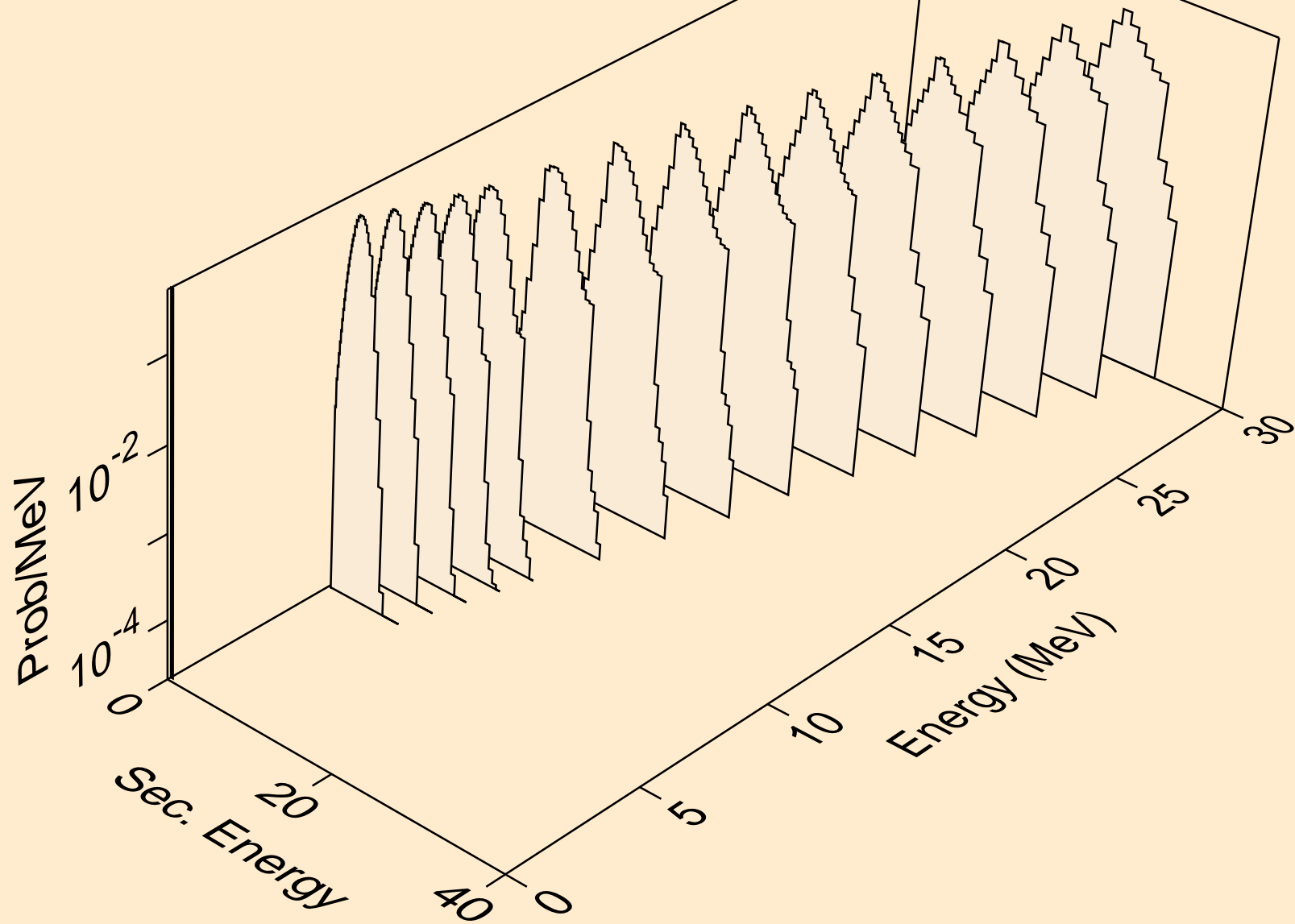
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,2nd)



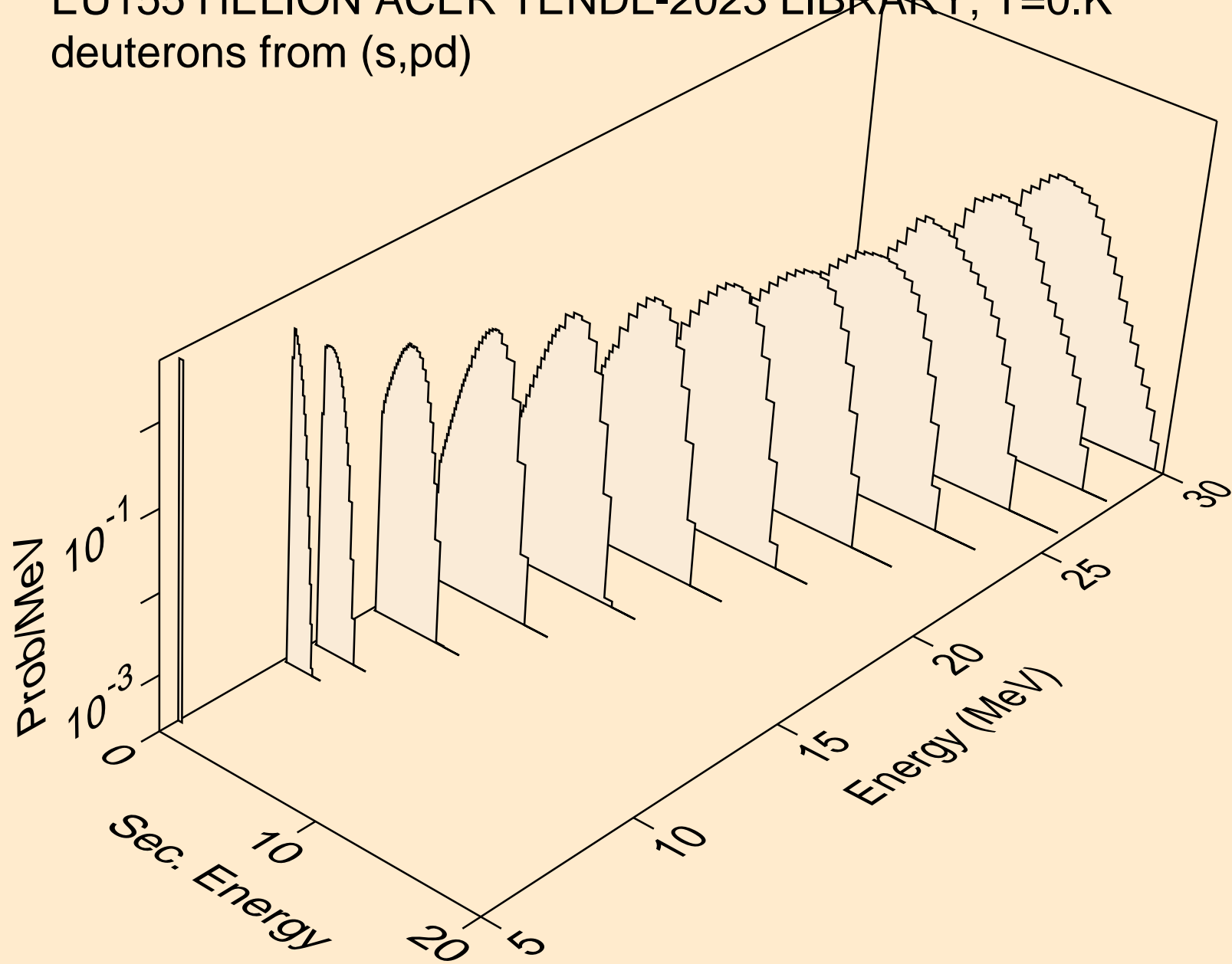
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,n\*)d



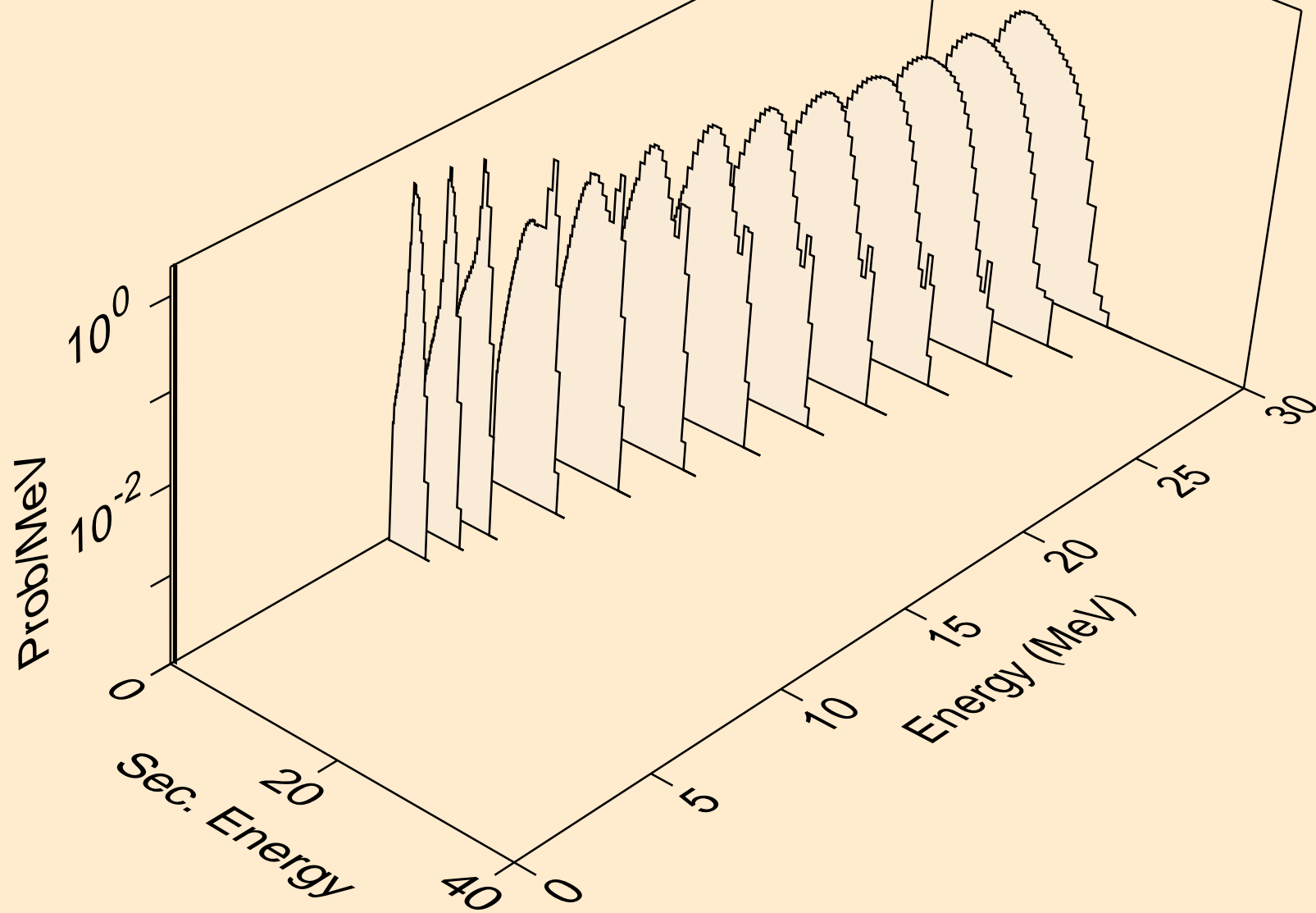
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,d)



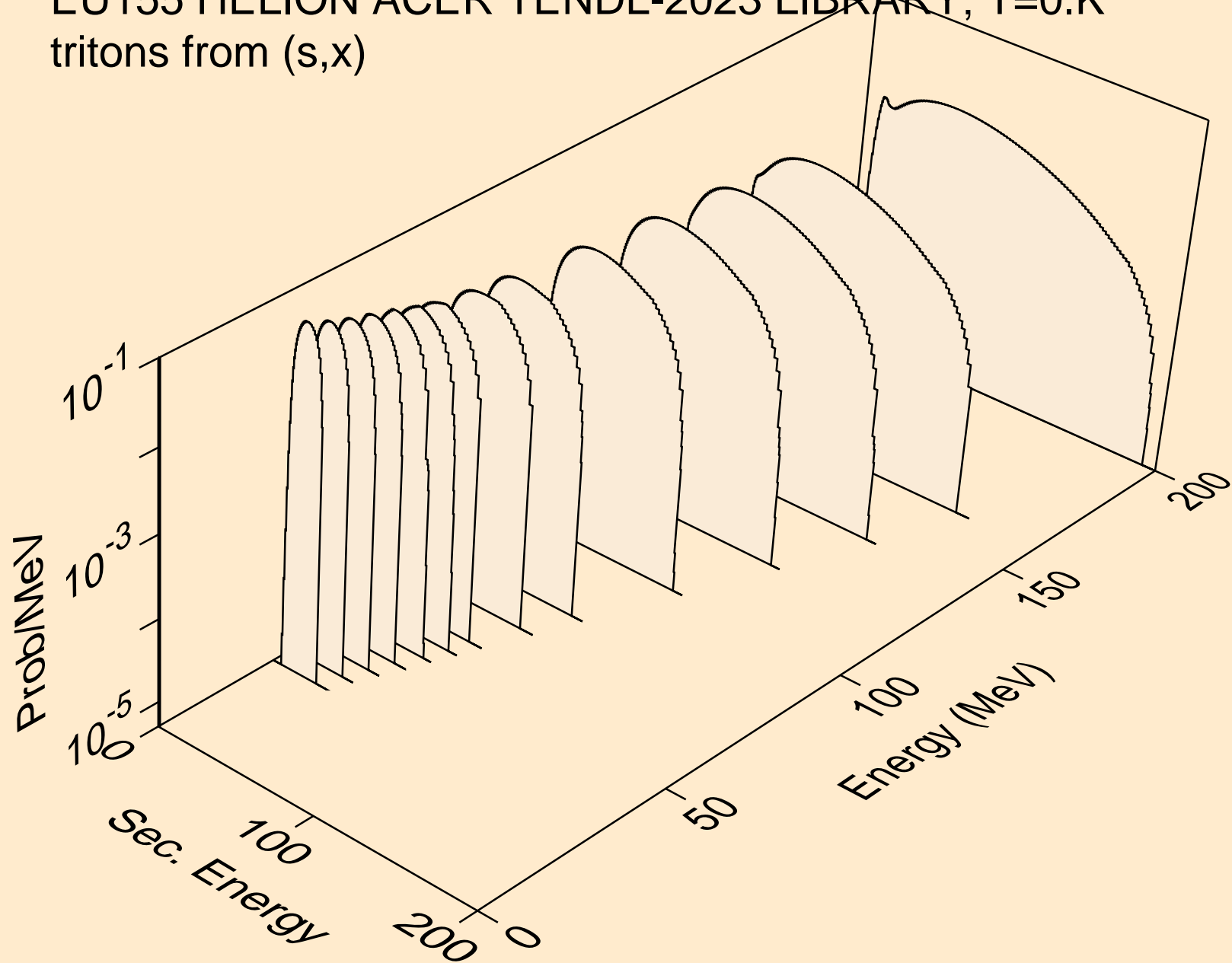
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,pd)



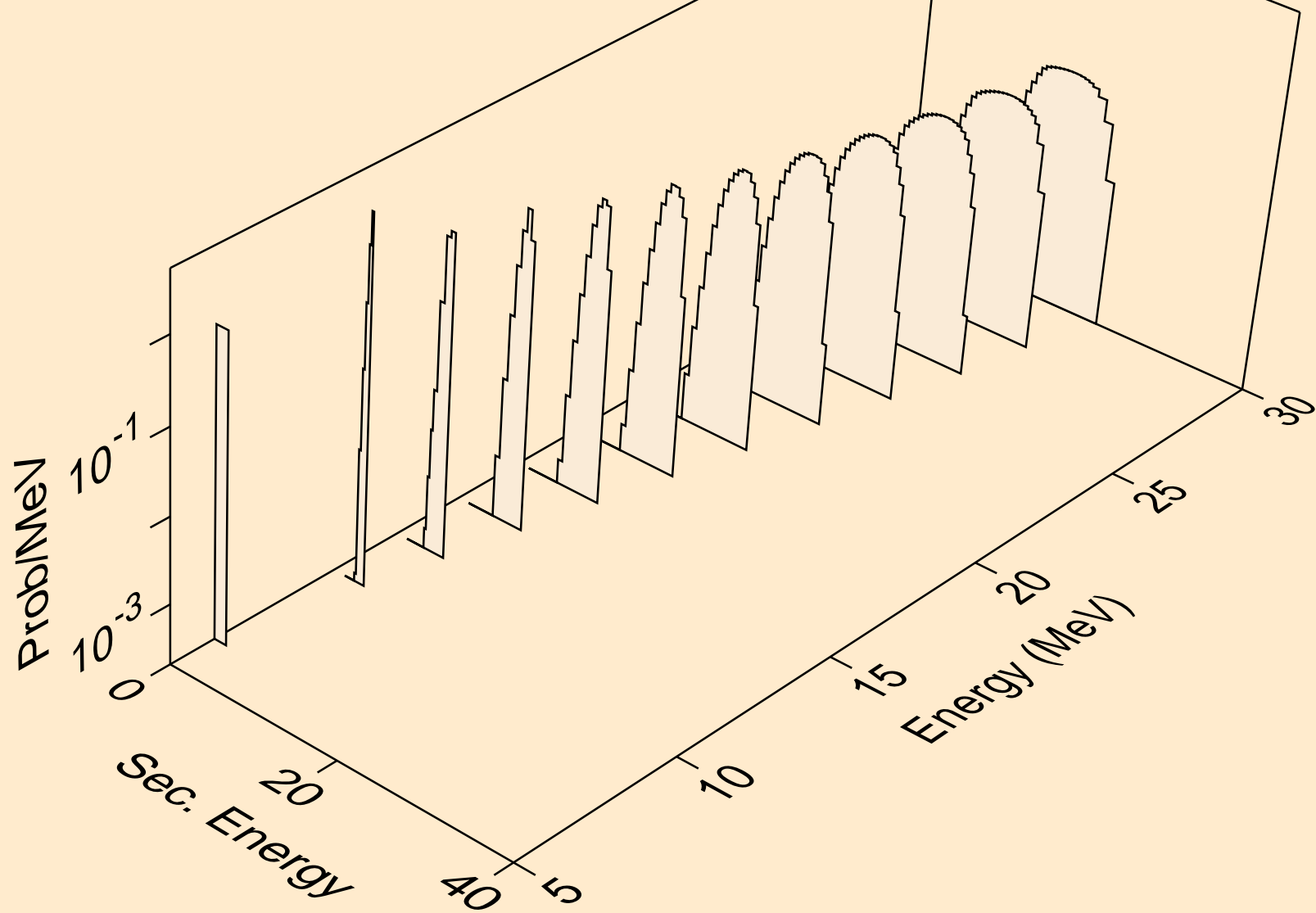
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,da)



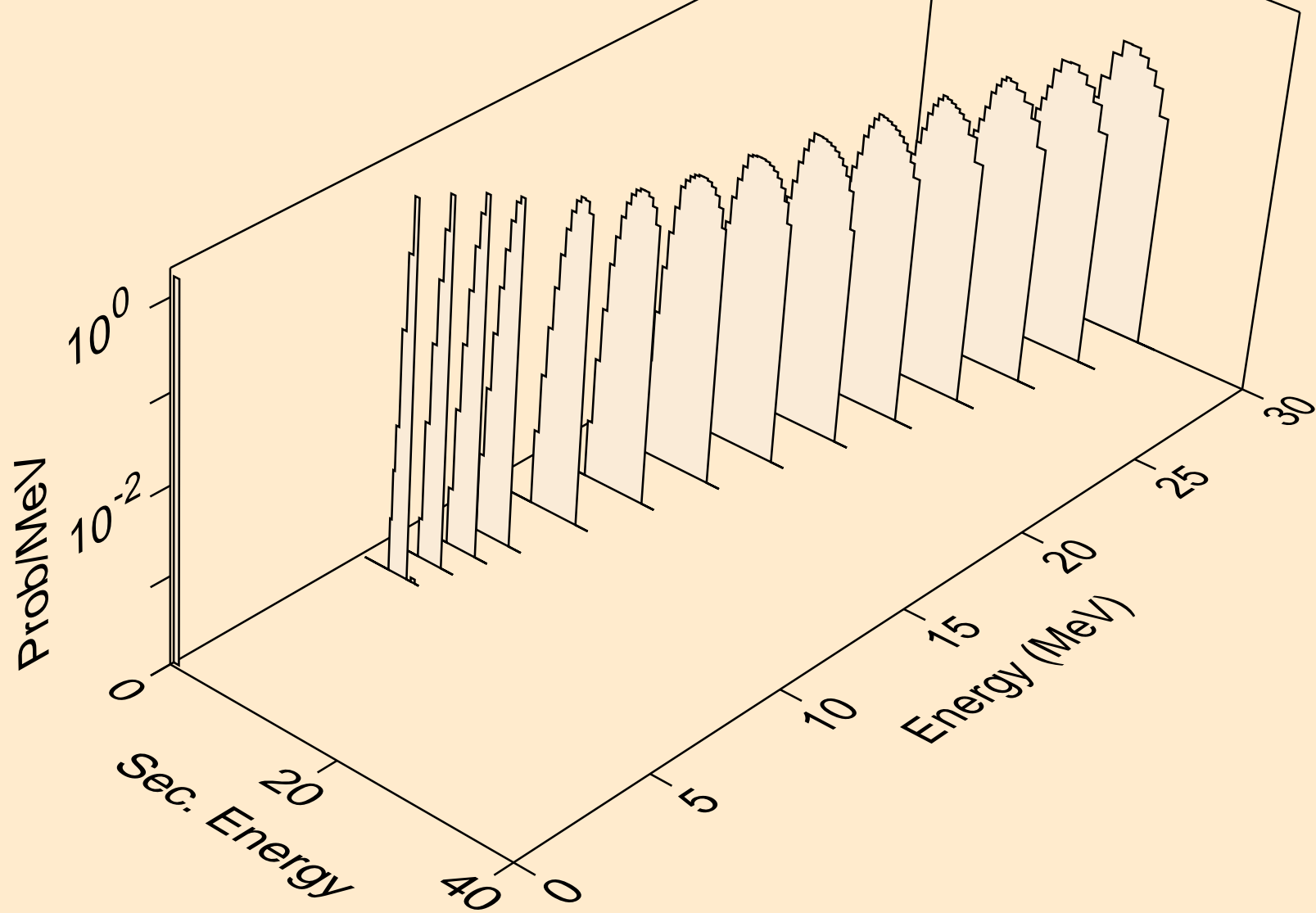
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,x)



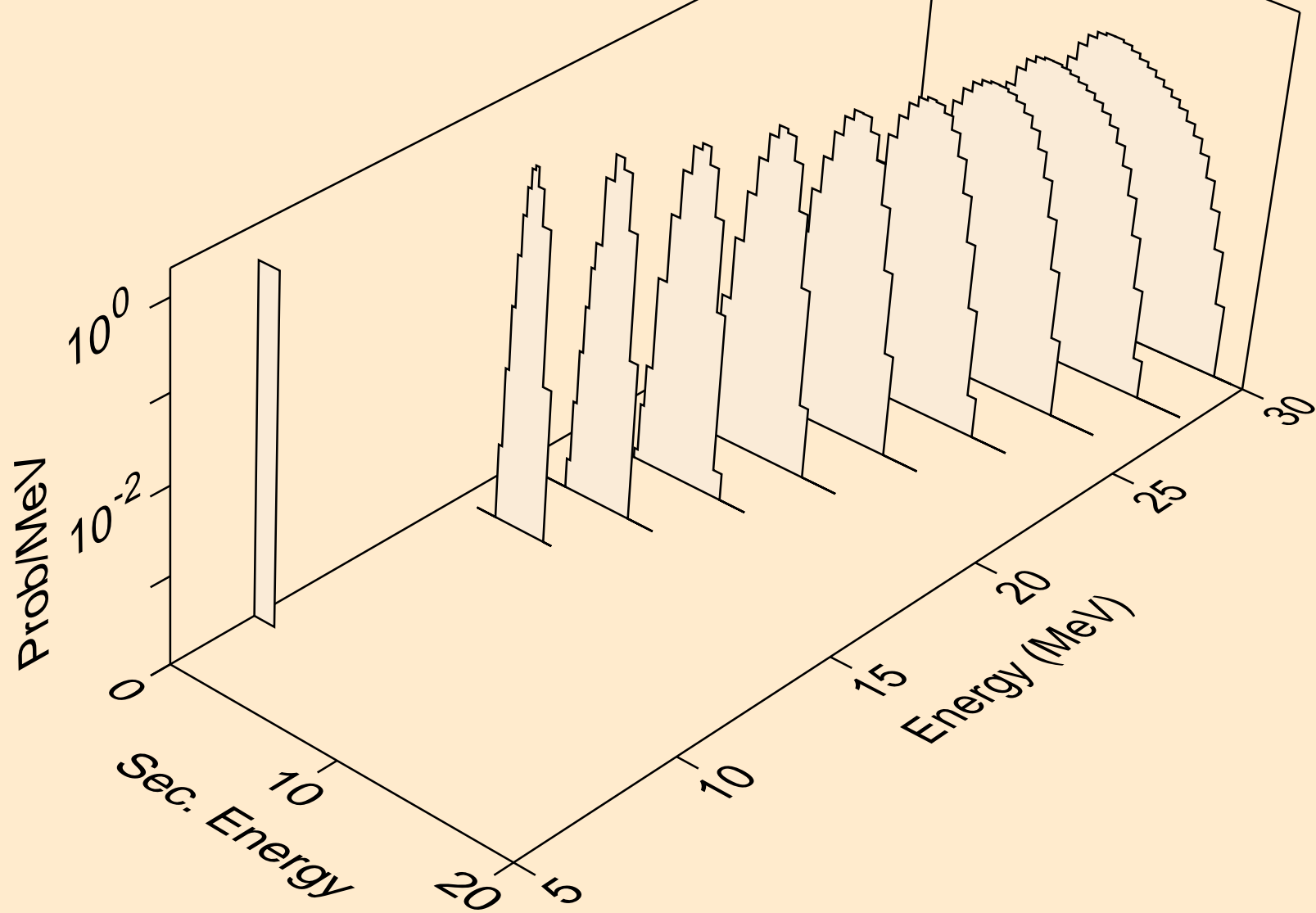
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,n\*)t



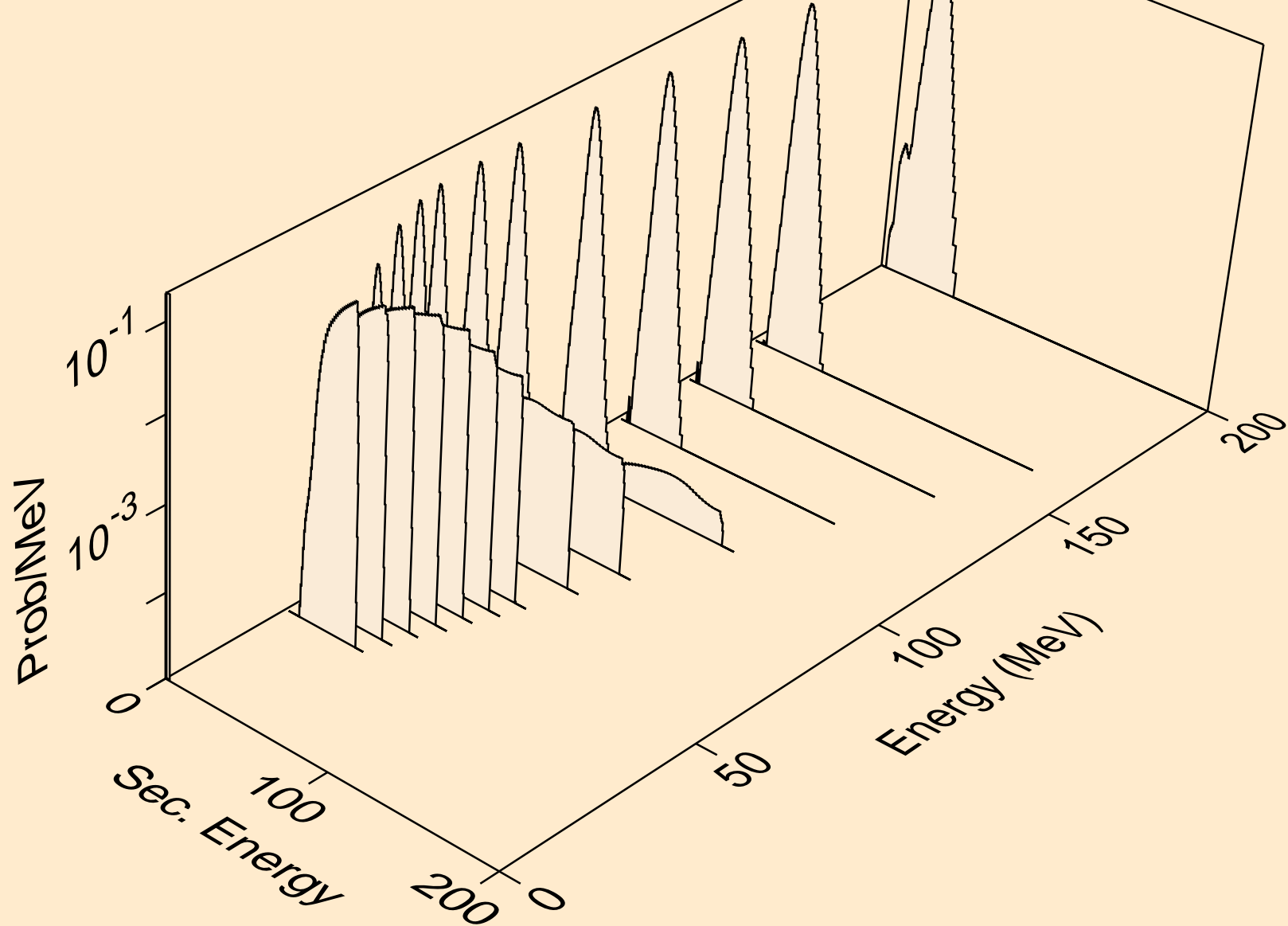
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,t)



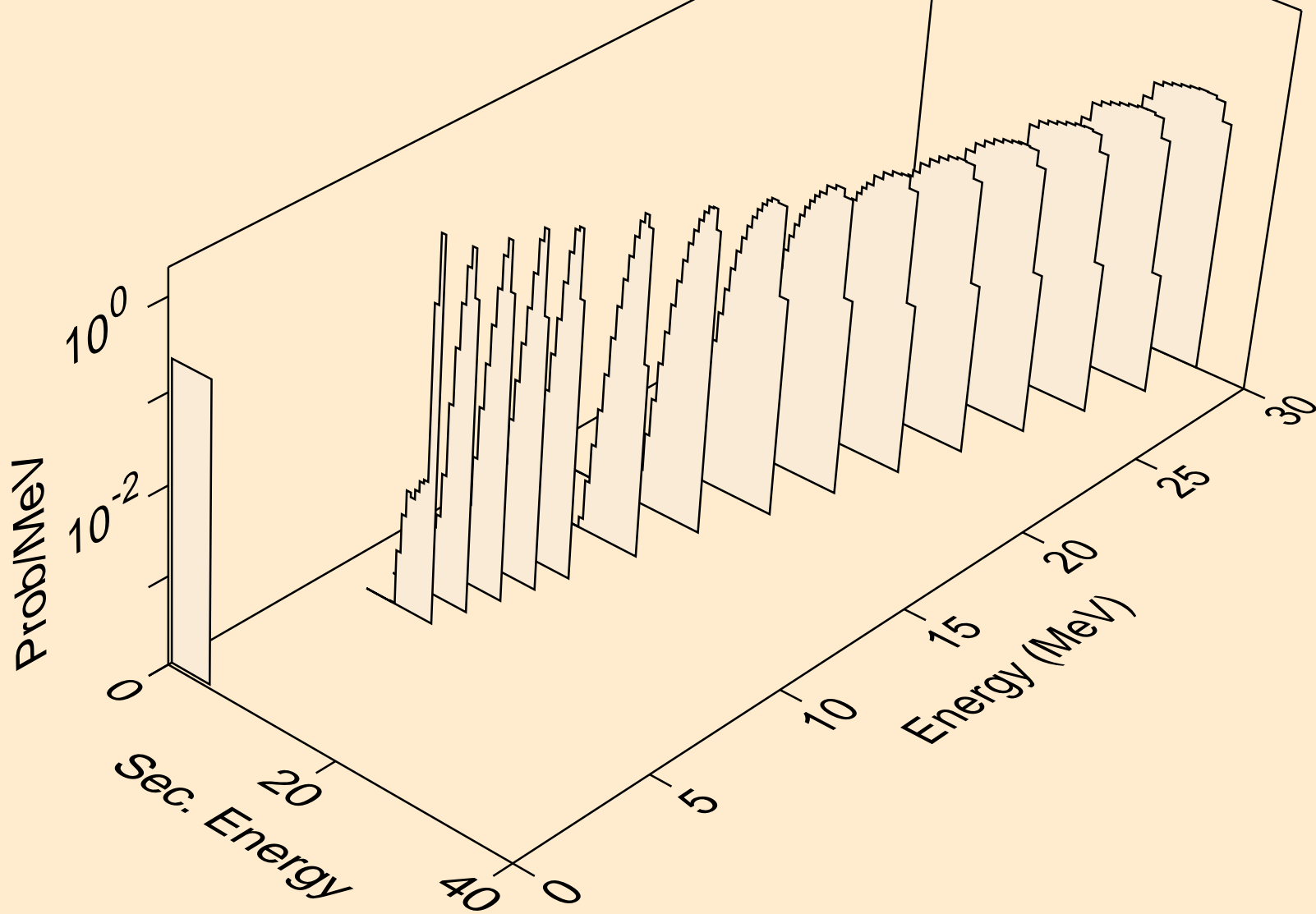
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,pt)



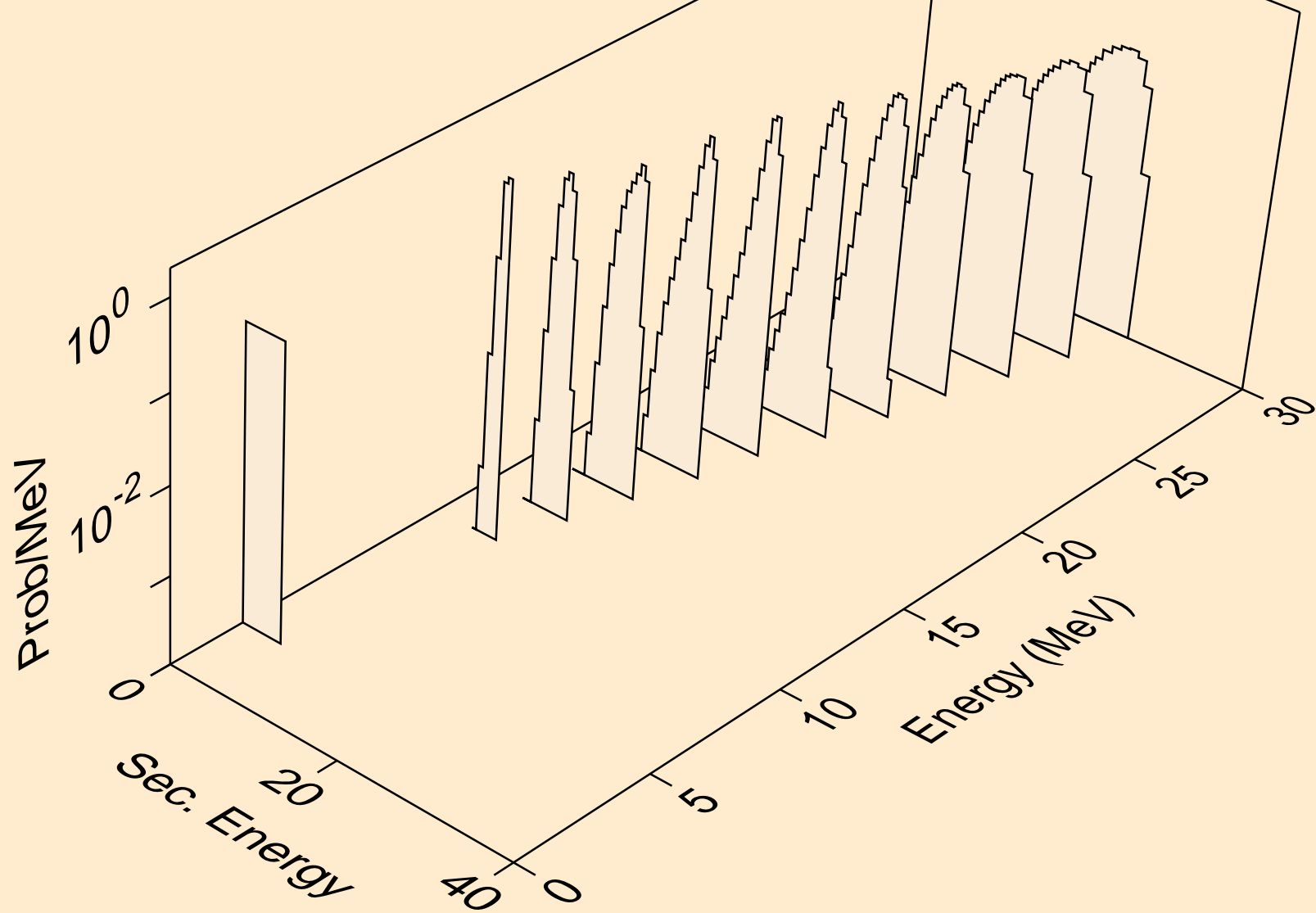
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,x)



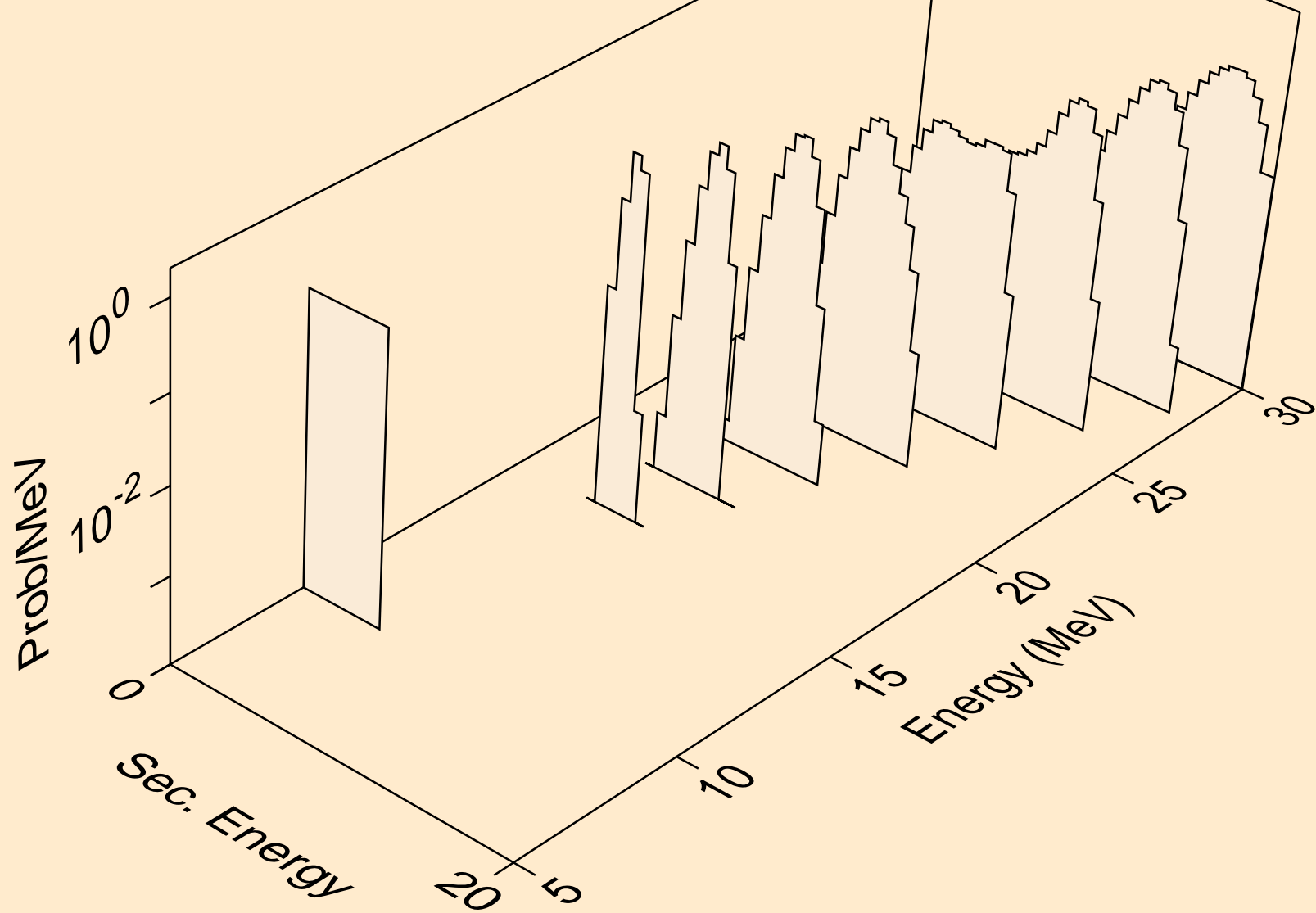
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)a



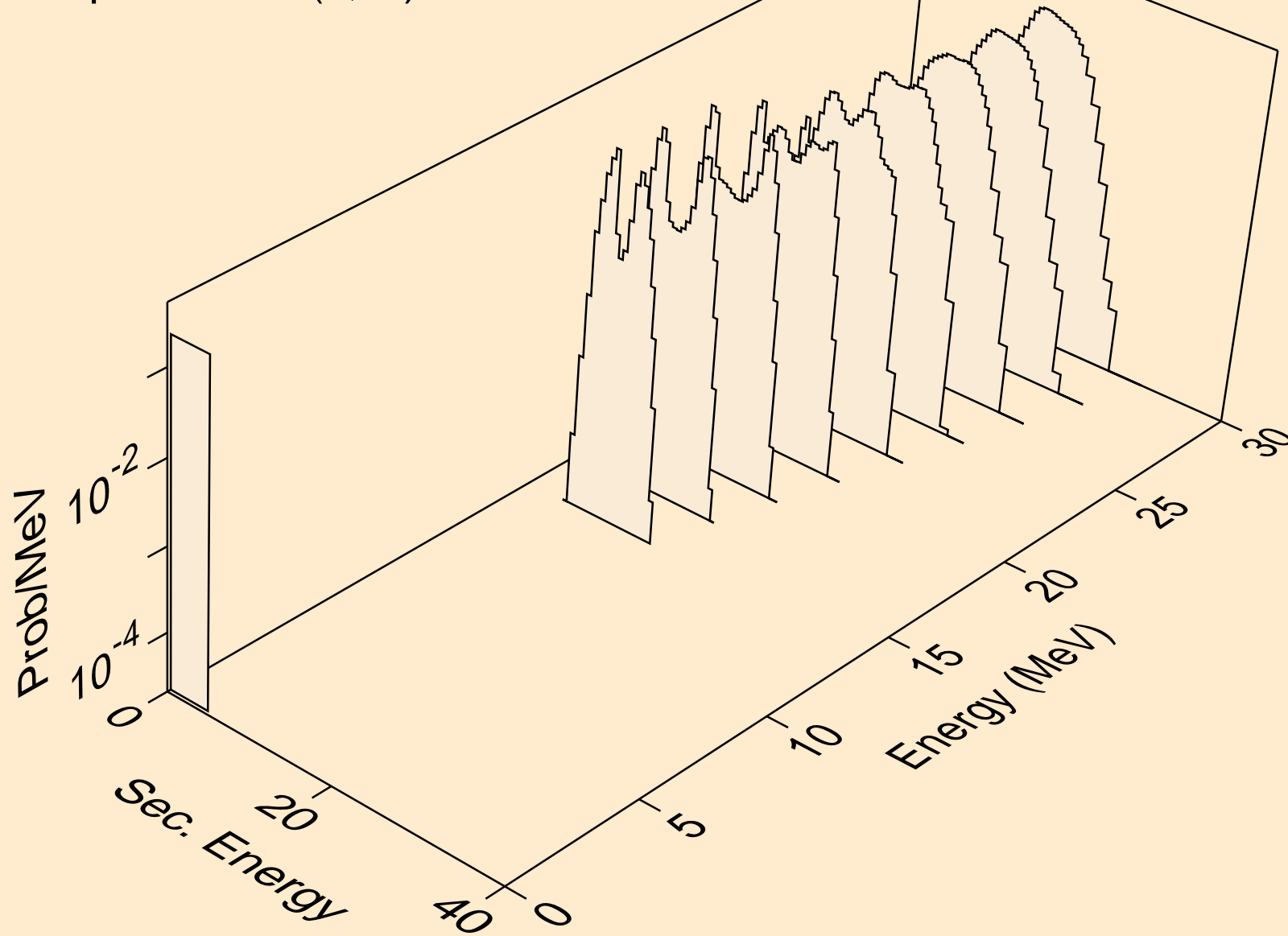
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2n)a



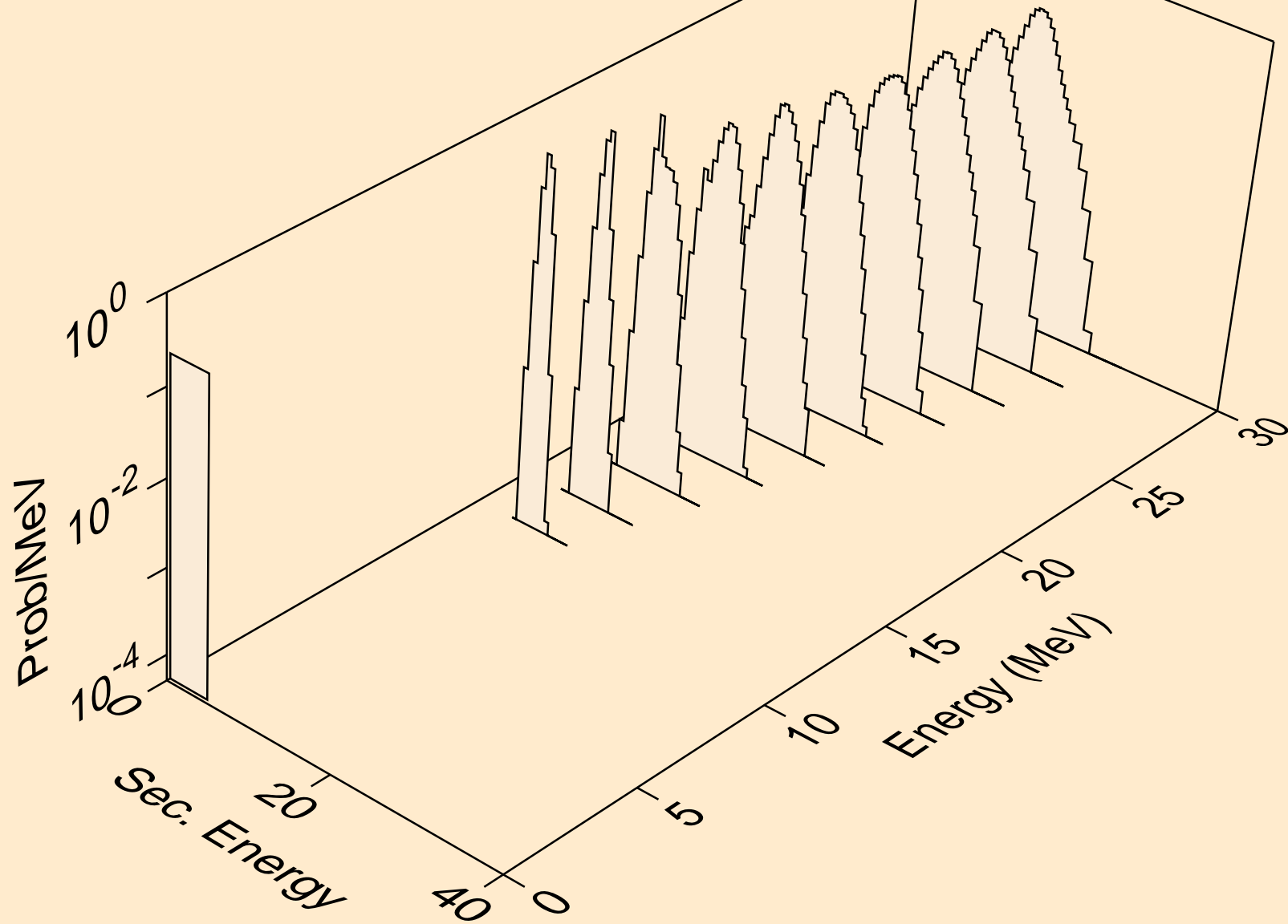
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,3n)a



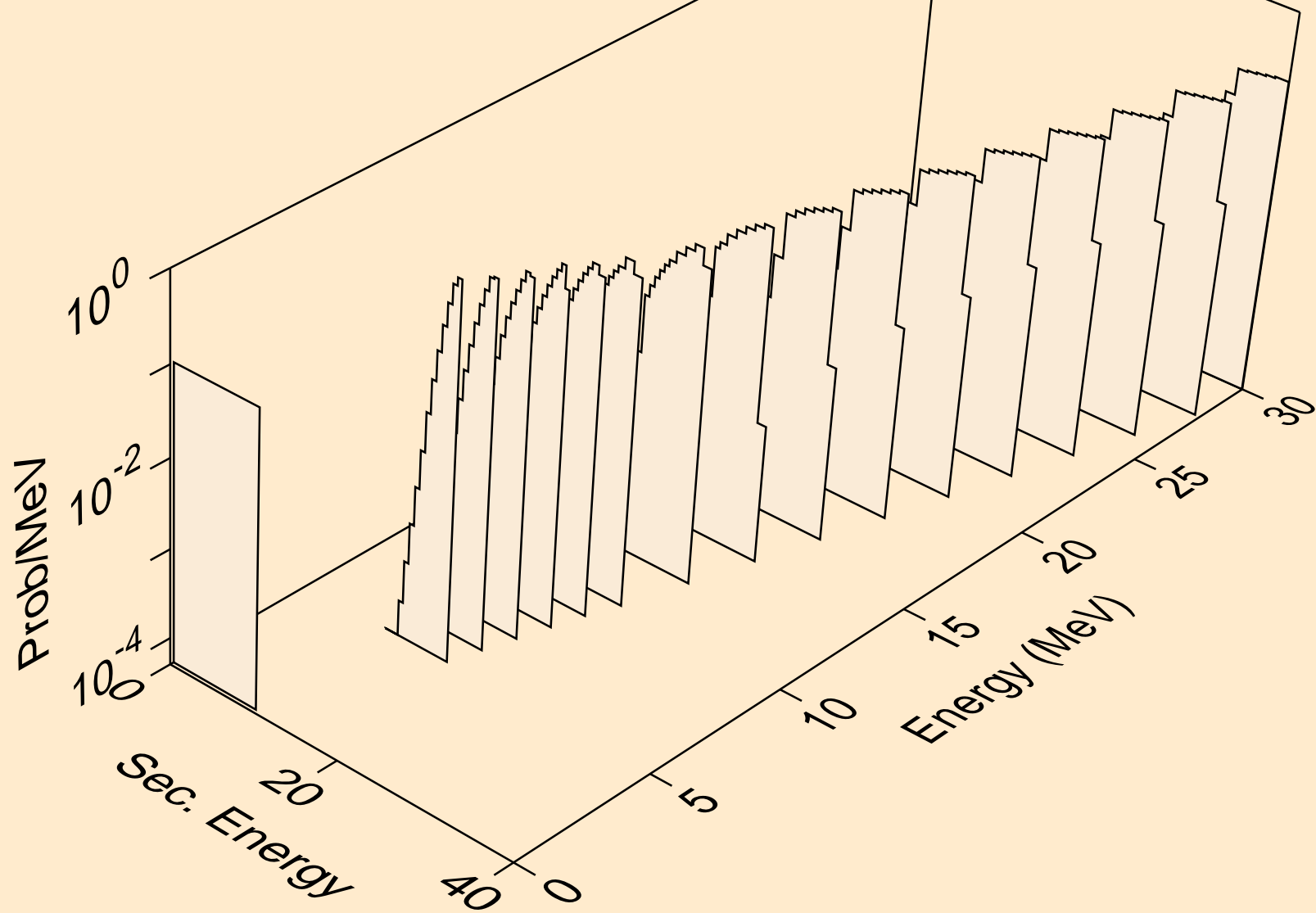
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)2a



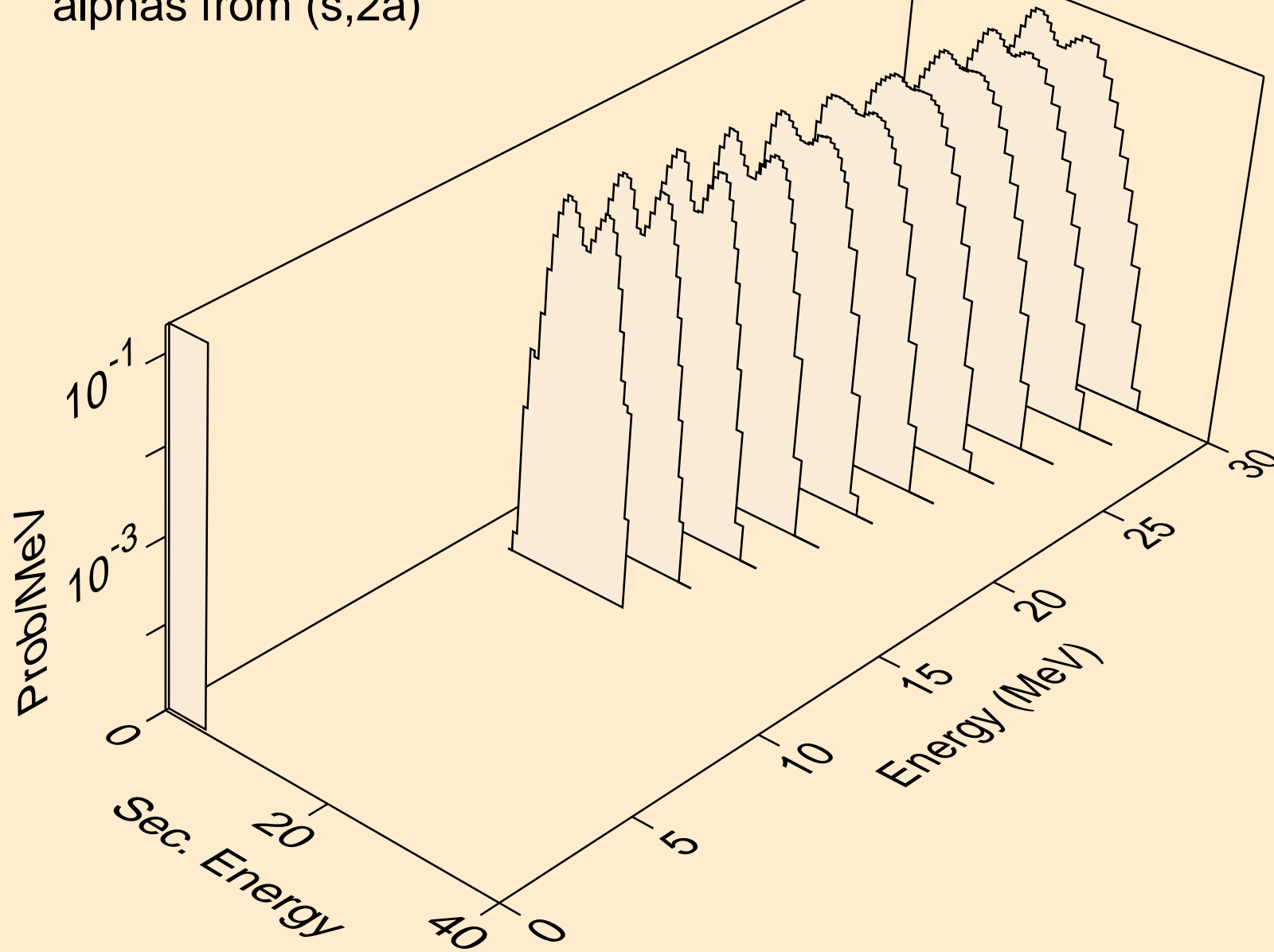
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,npa)



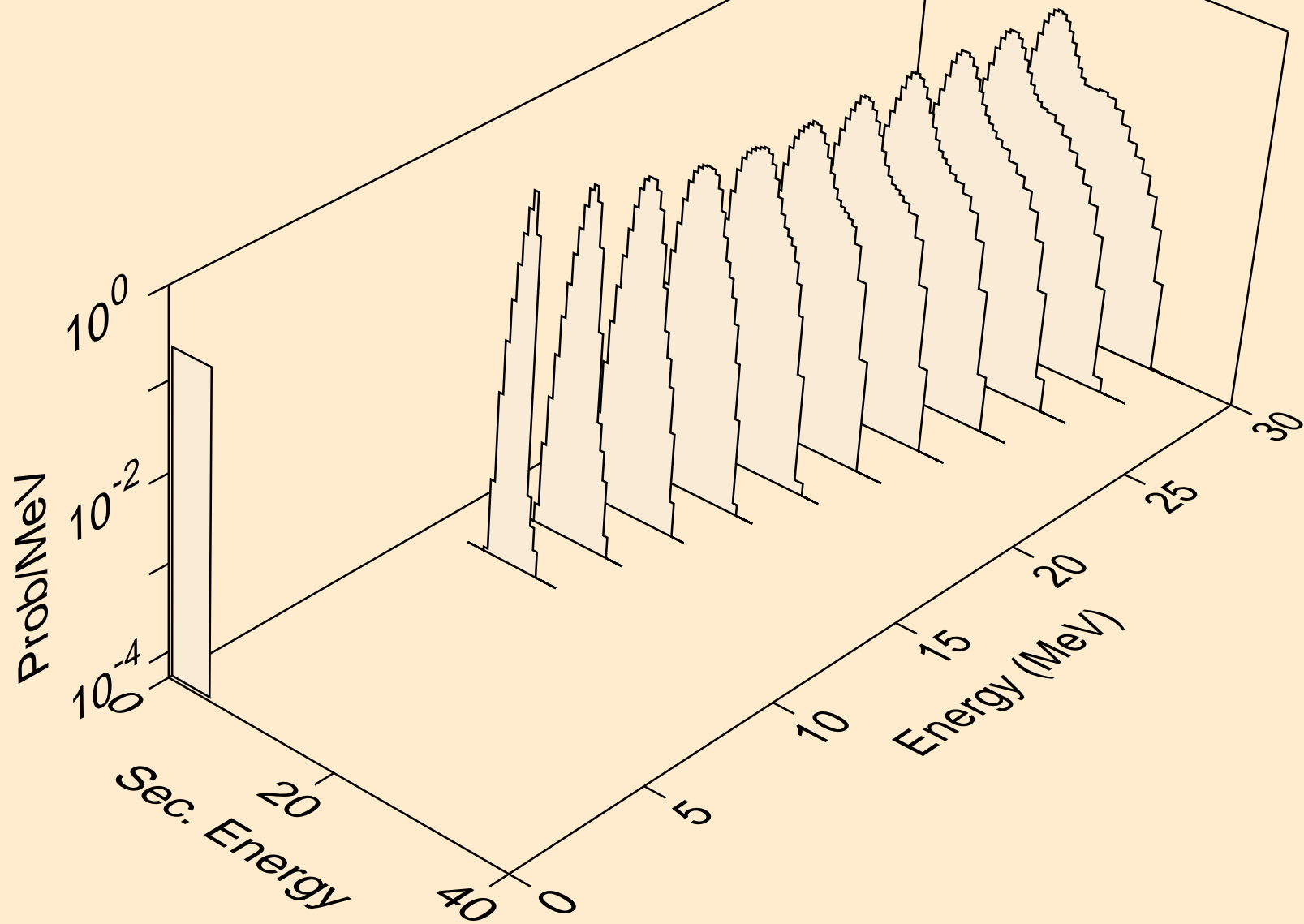
EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,a)



EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2a)



EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,pa)



EU155 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,da)

