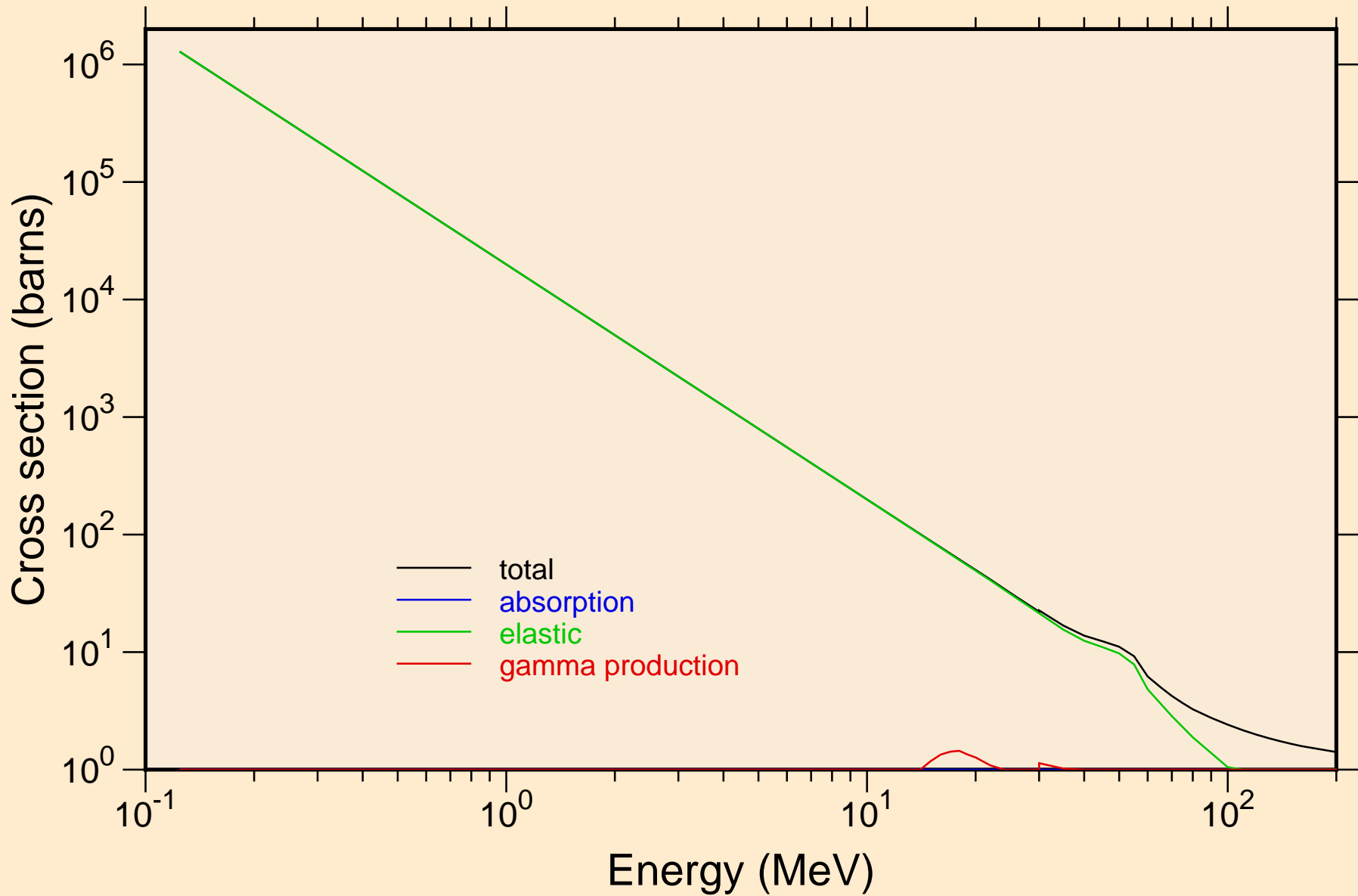
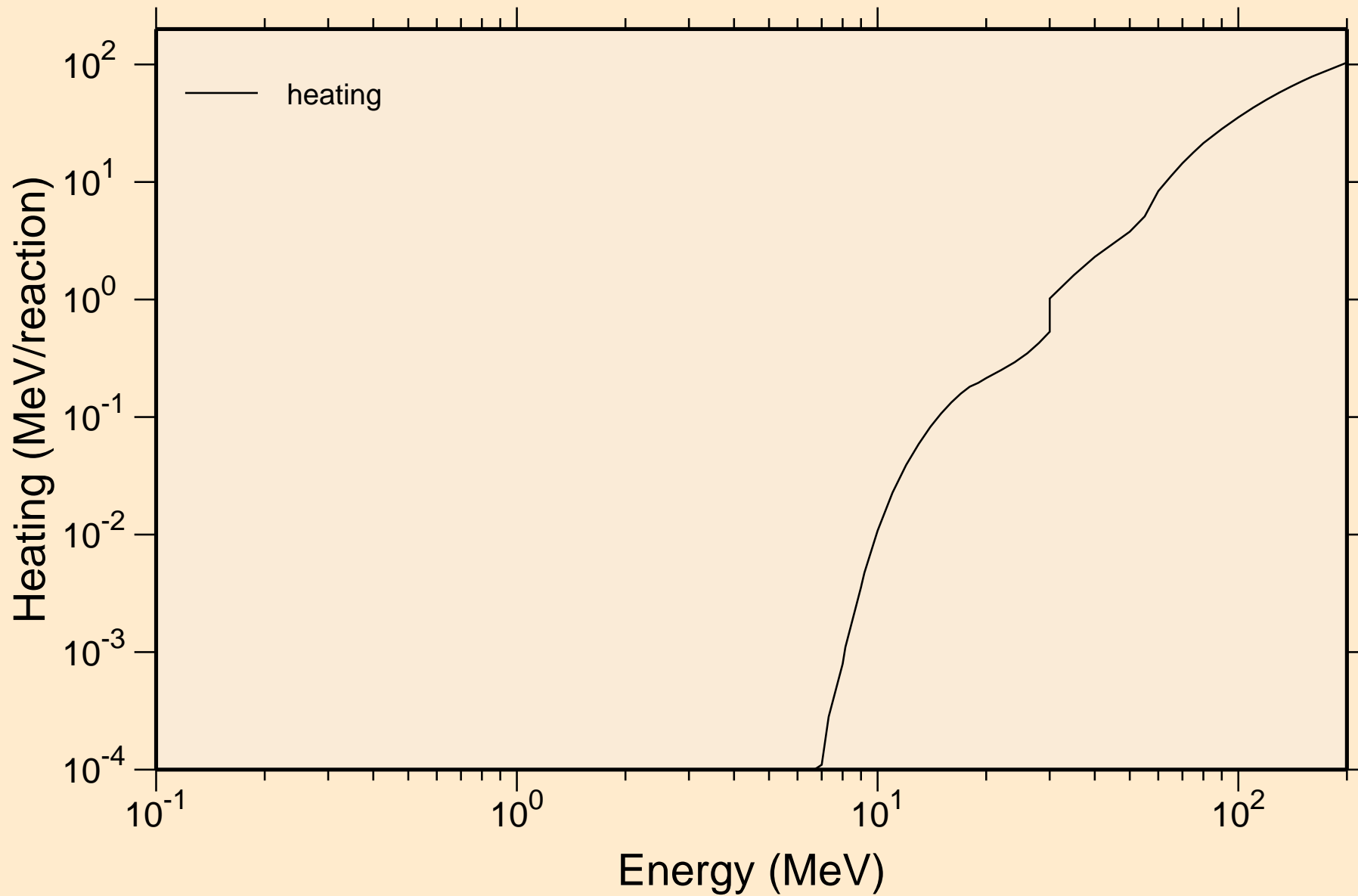


CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



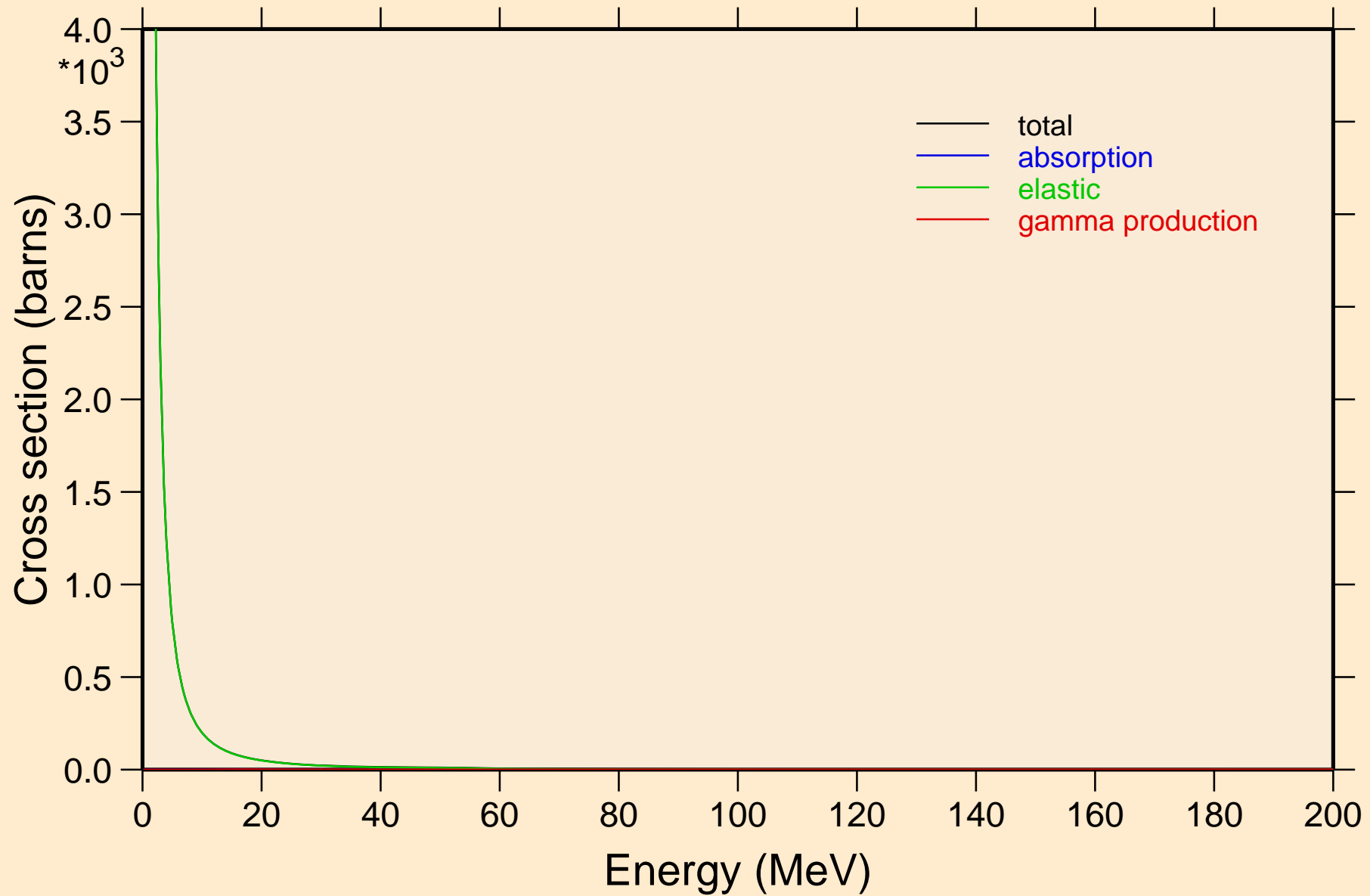
# CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Heating



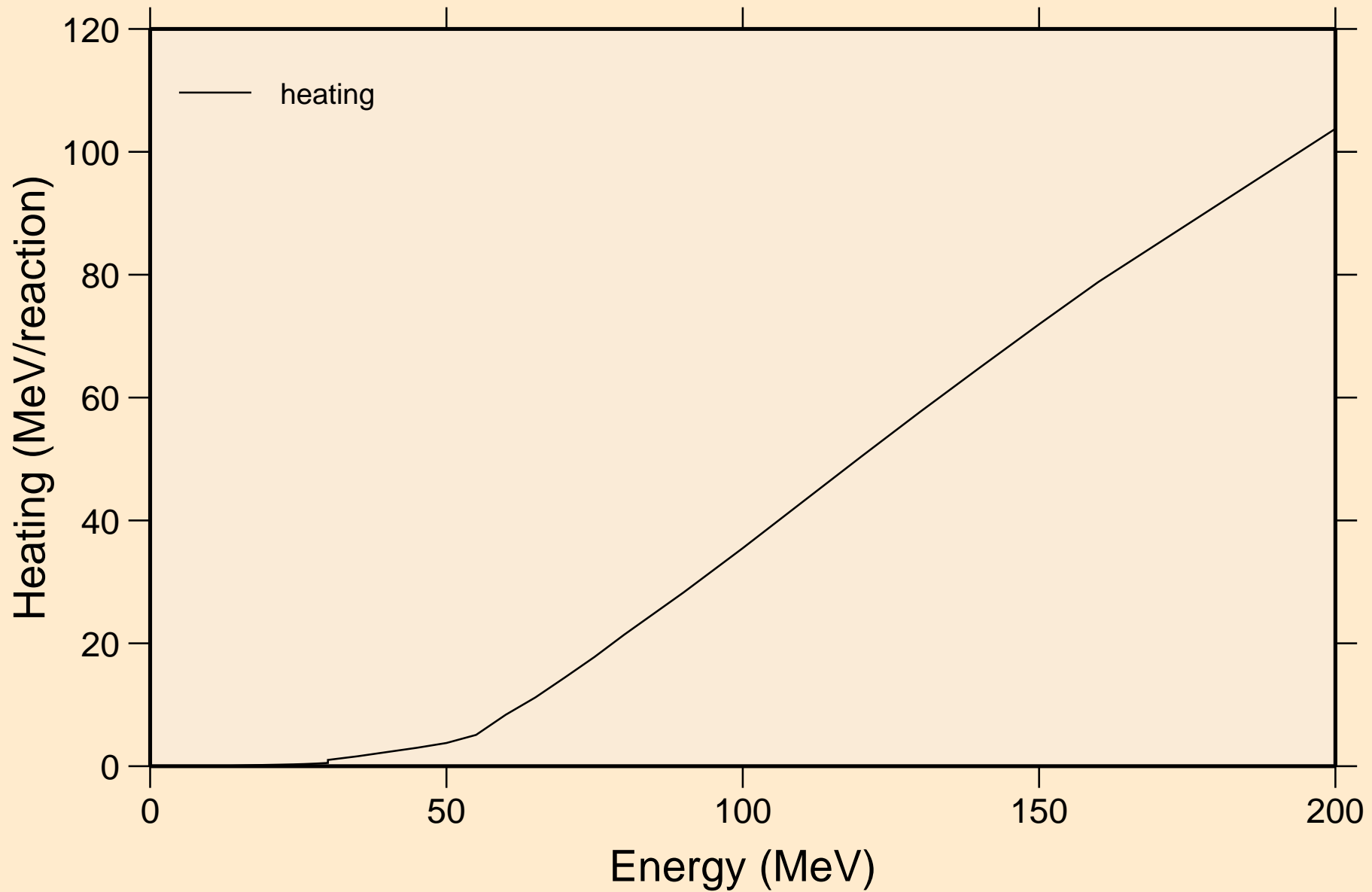
# CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



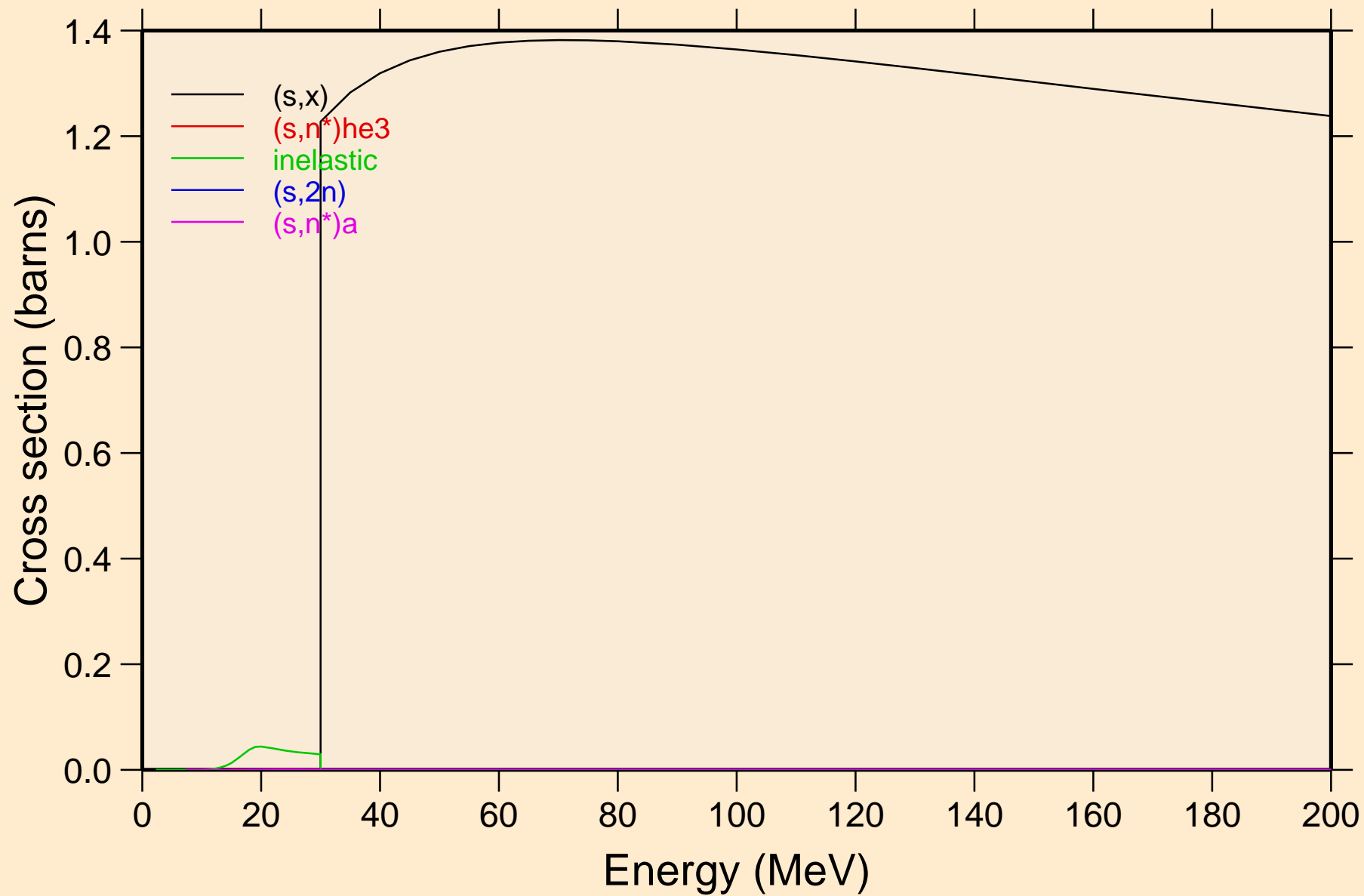
# CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Heating

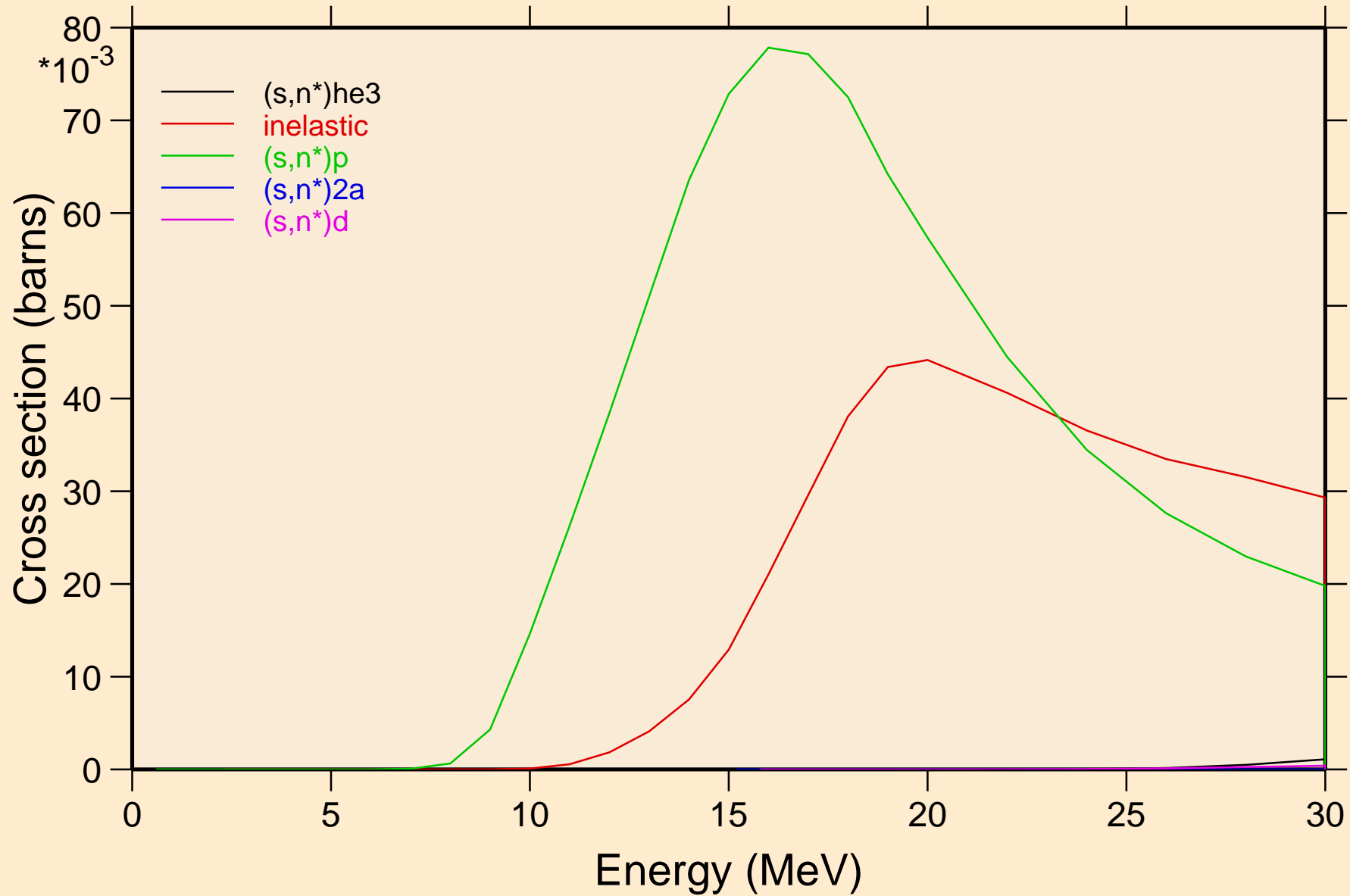


# CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K

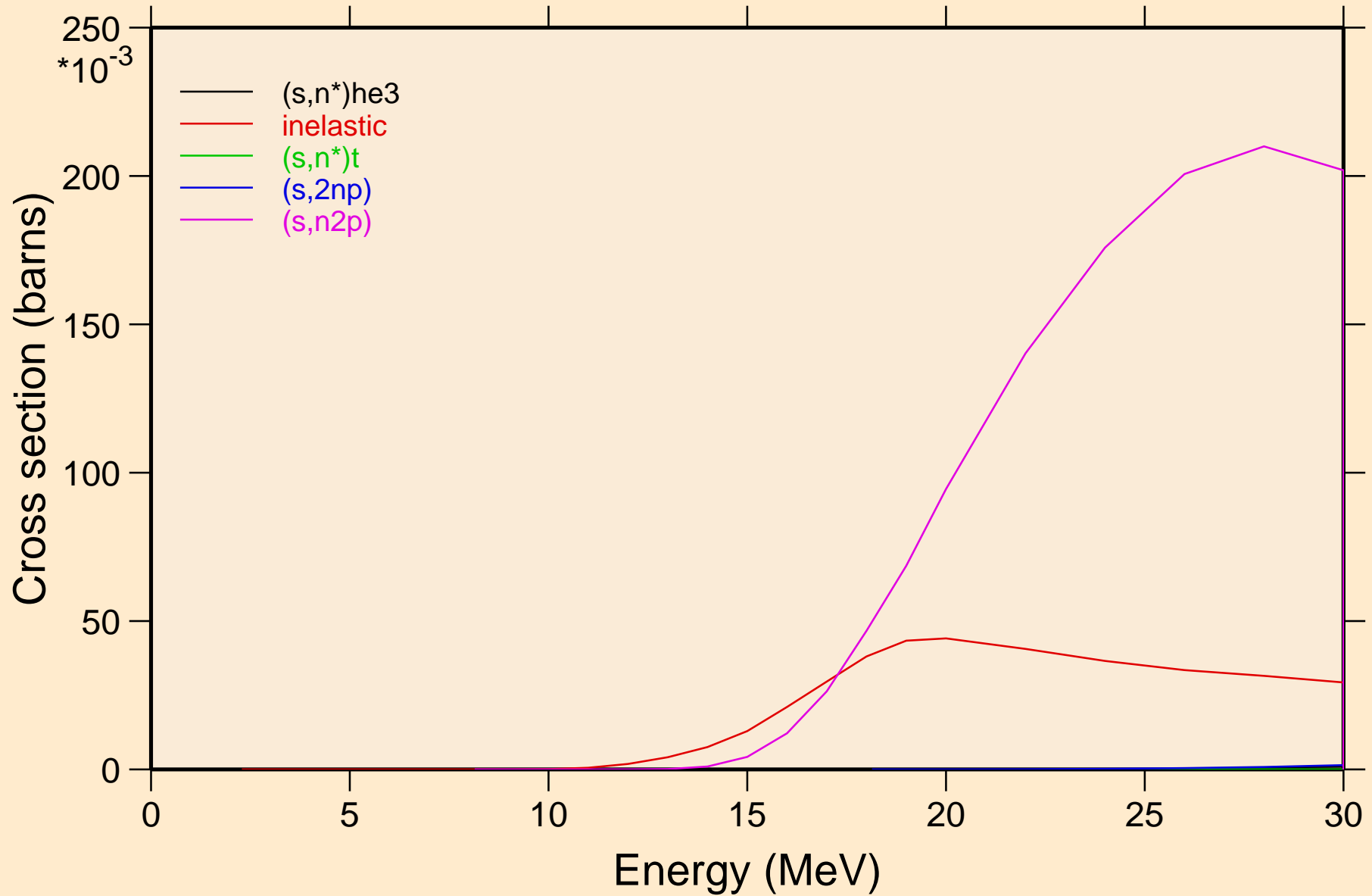
## Threshold reactions



CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

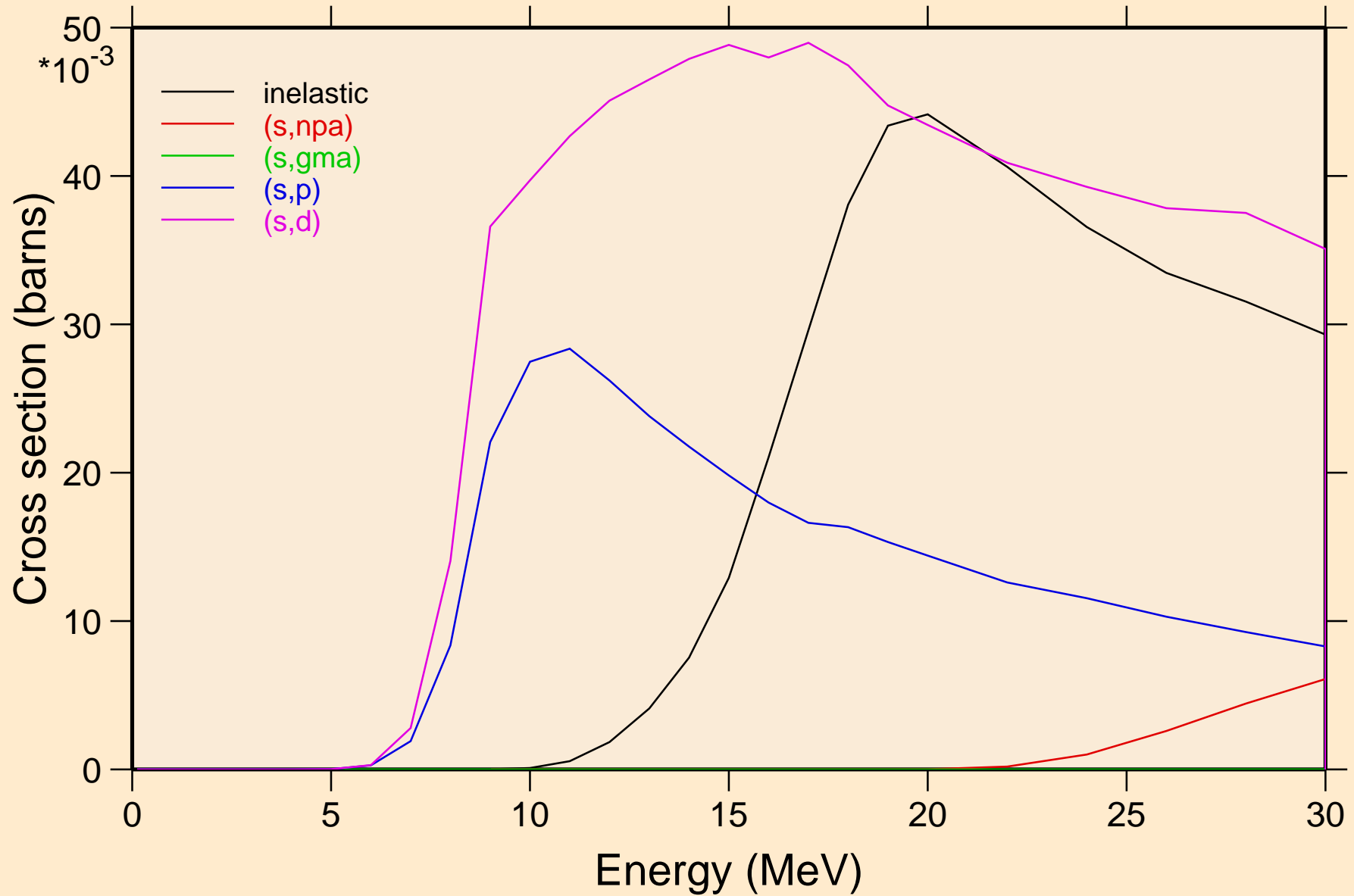


CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

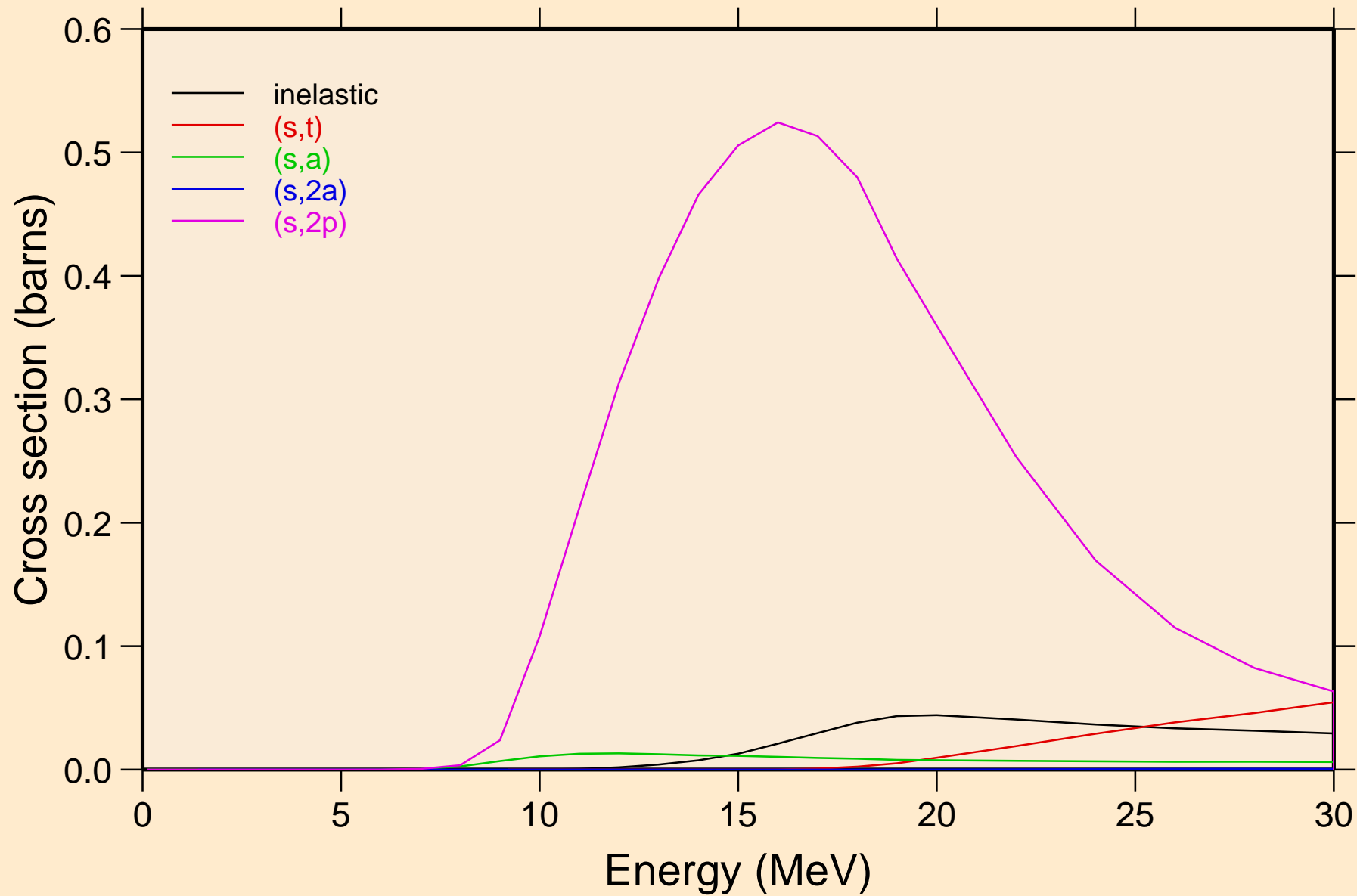


# CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K

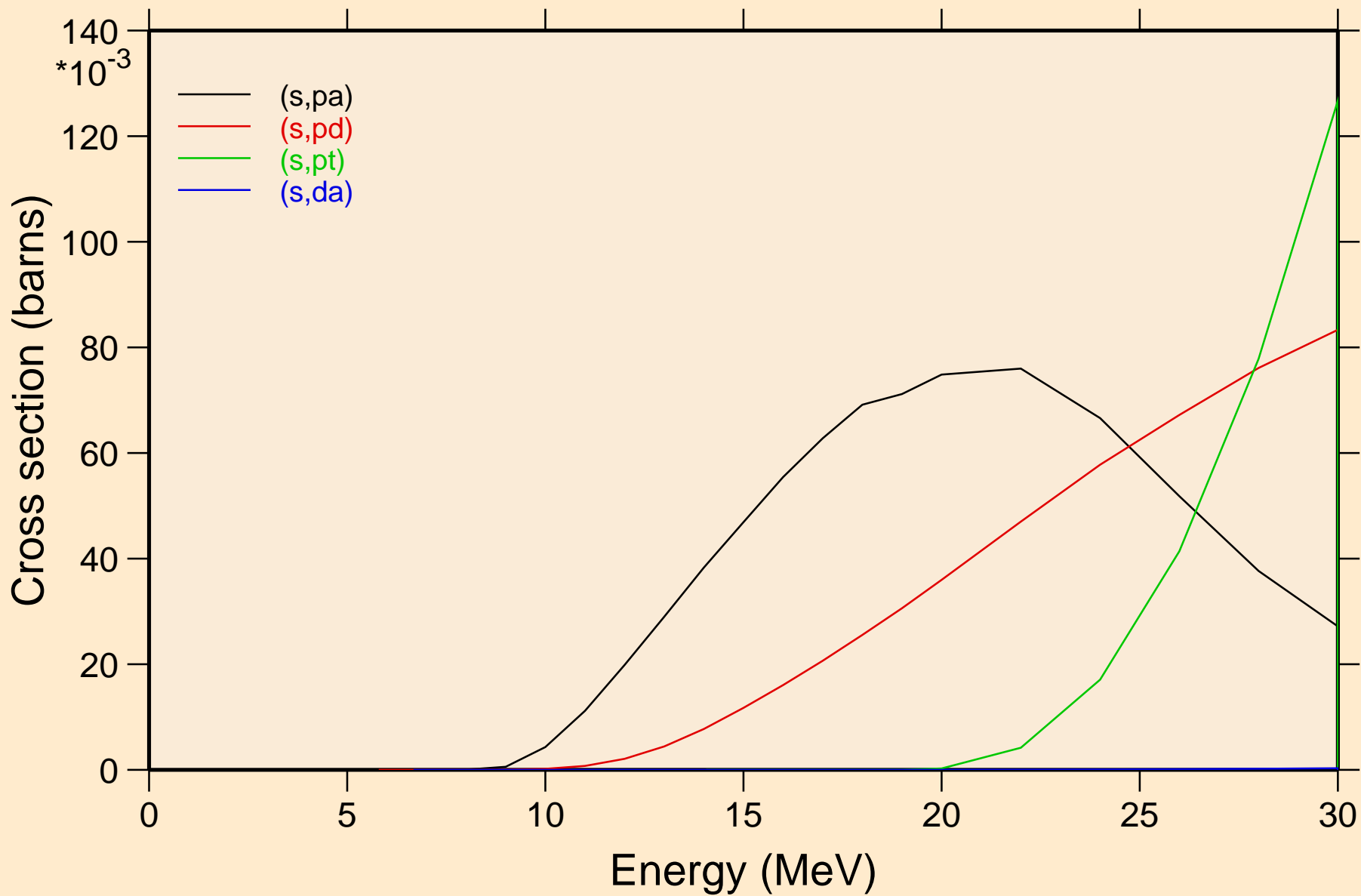
## Threshold reactions



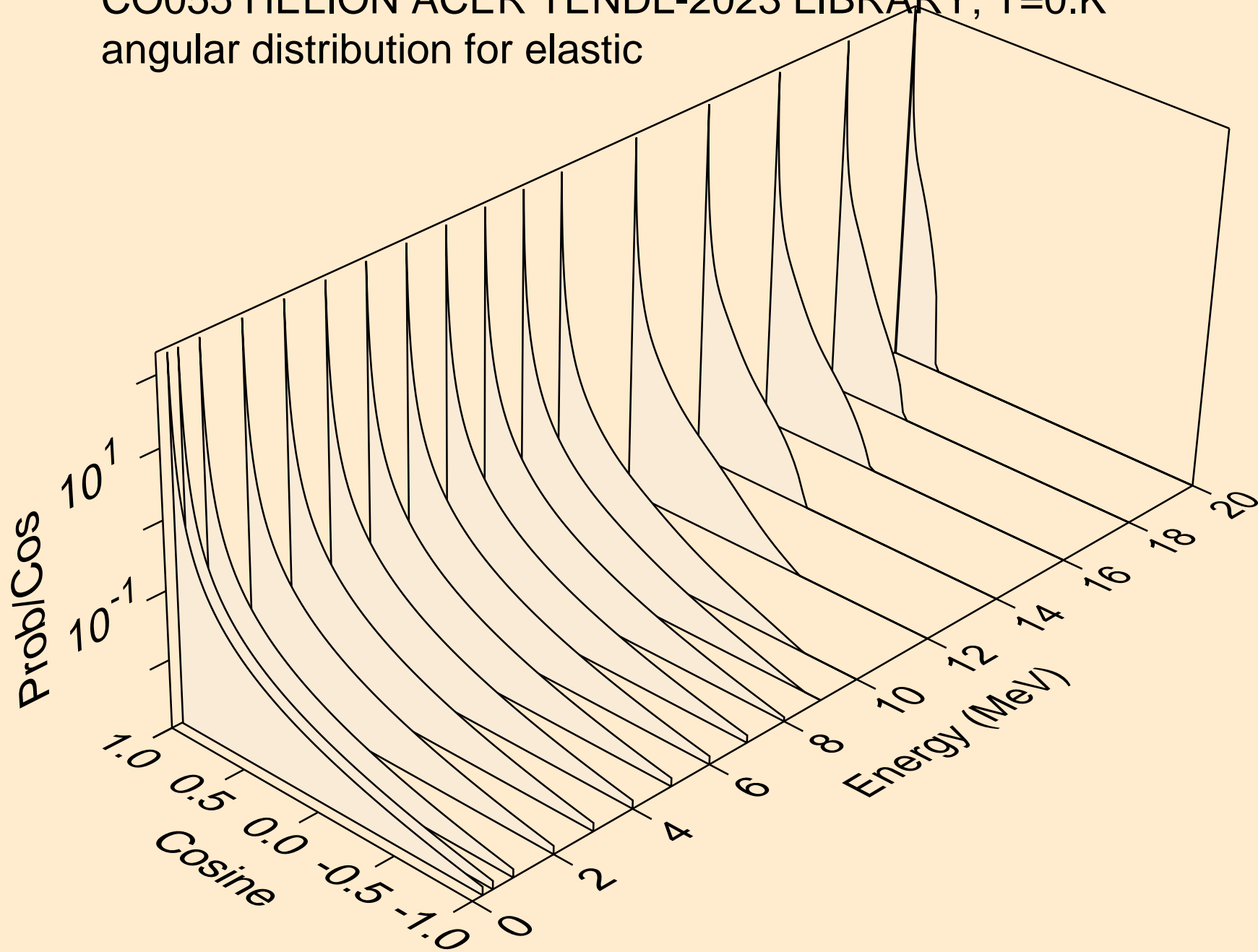
CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



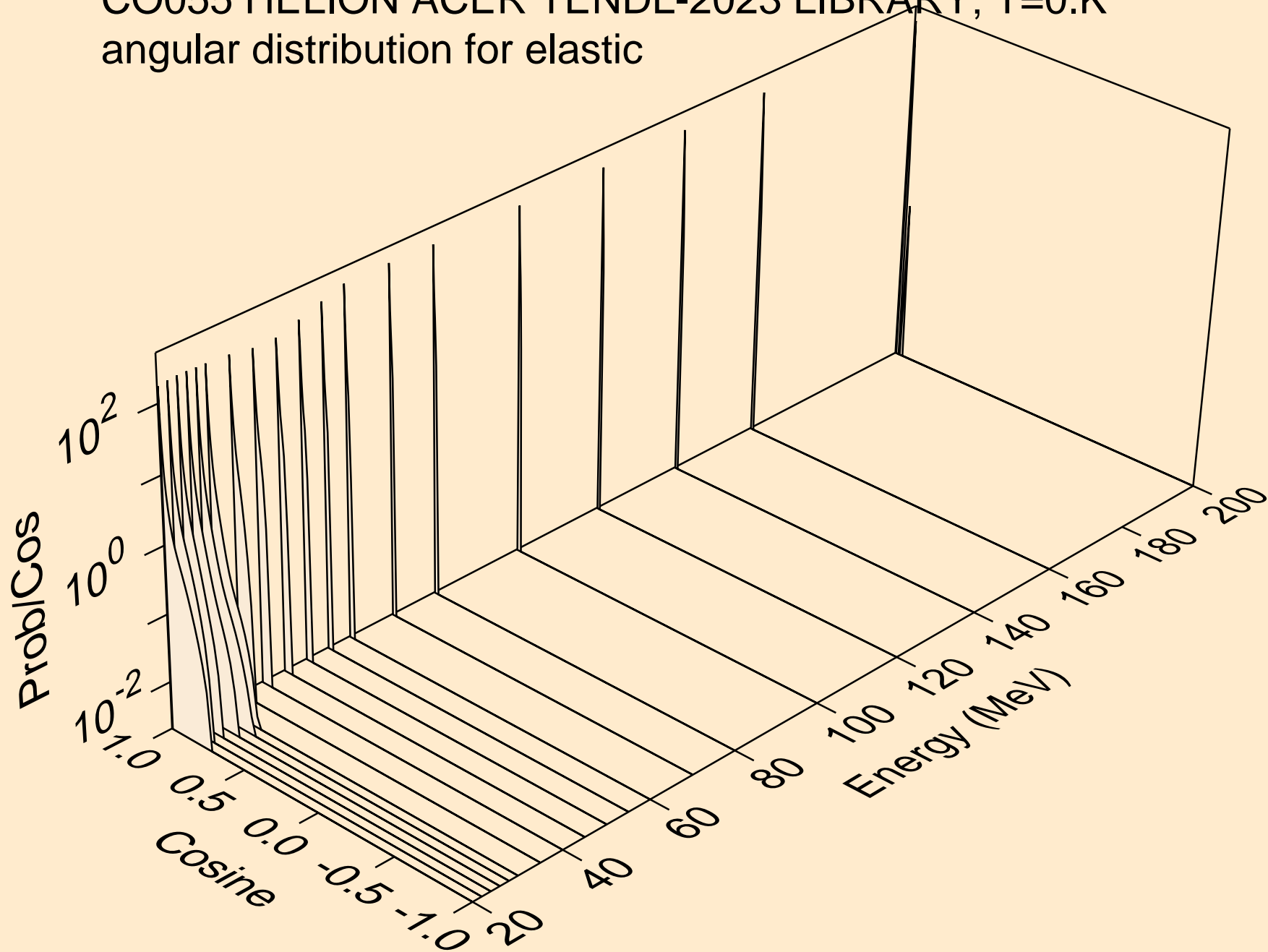
CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



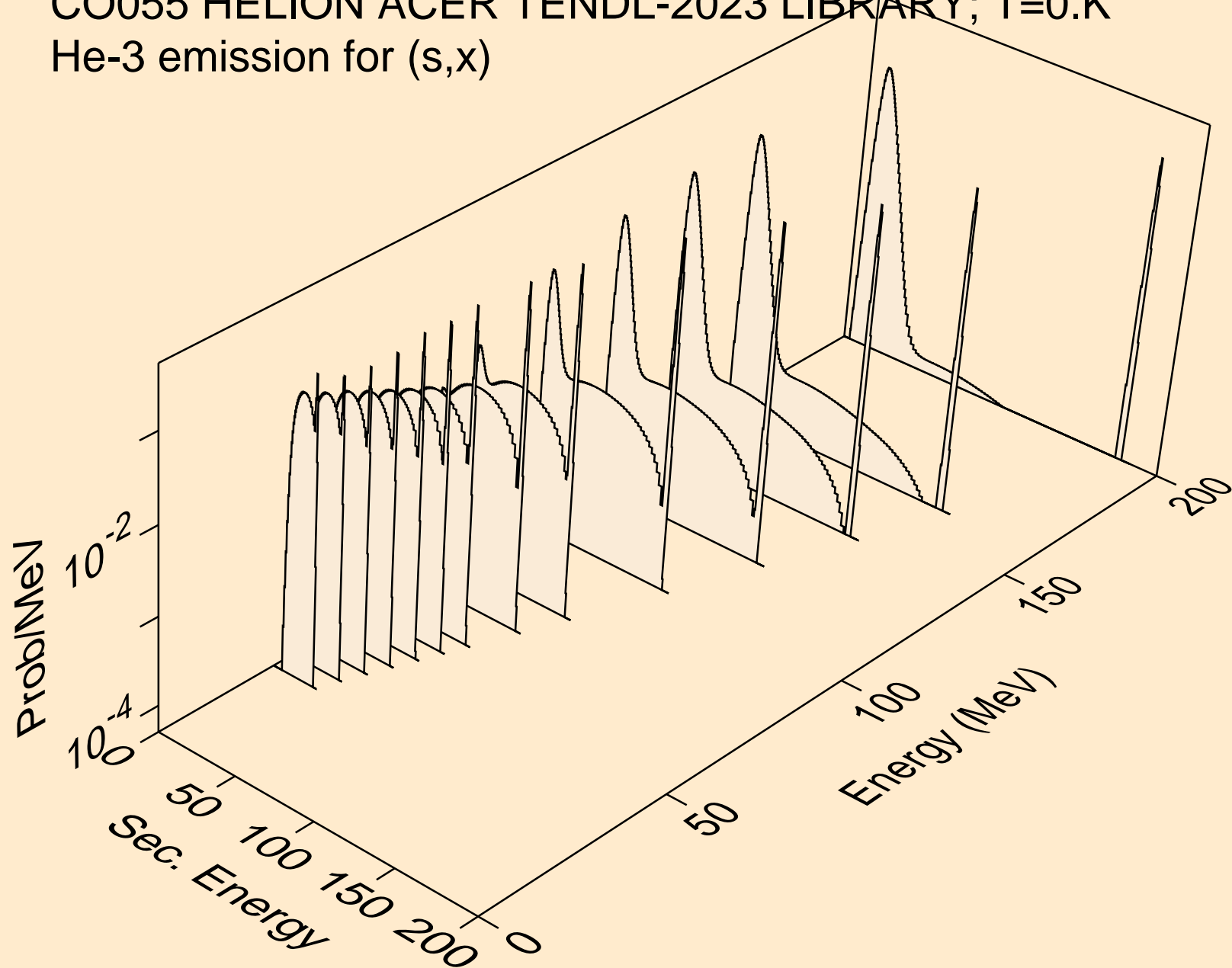
CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



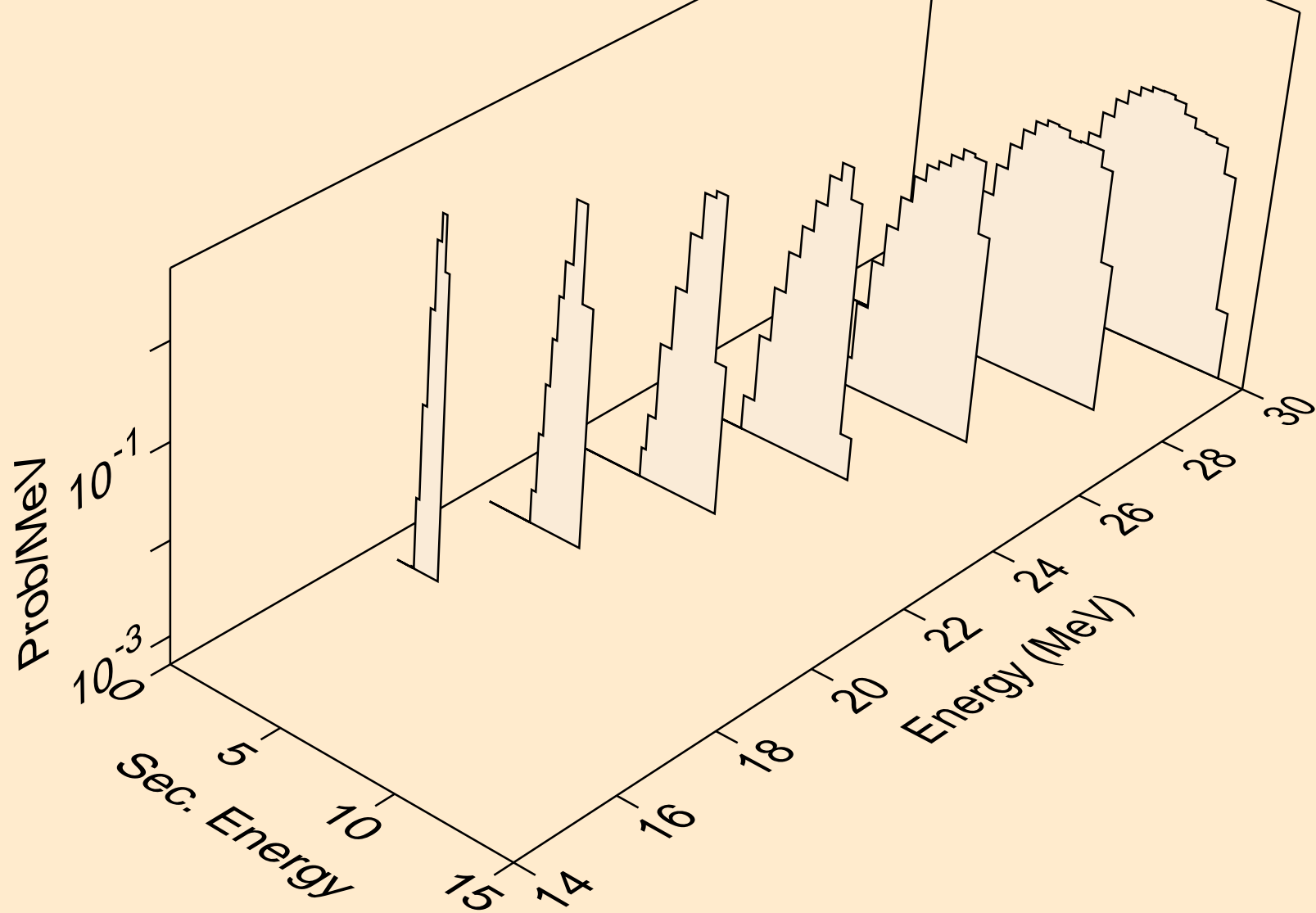
CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



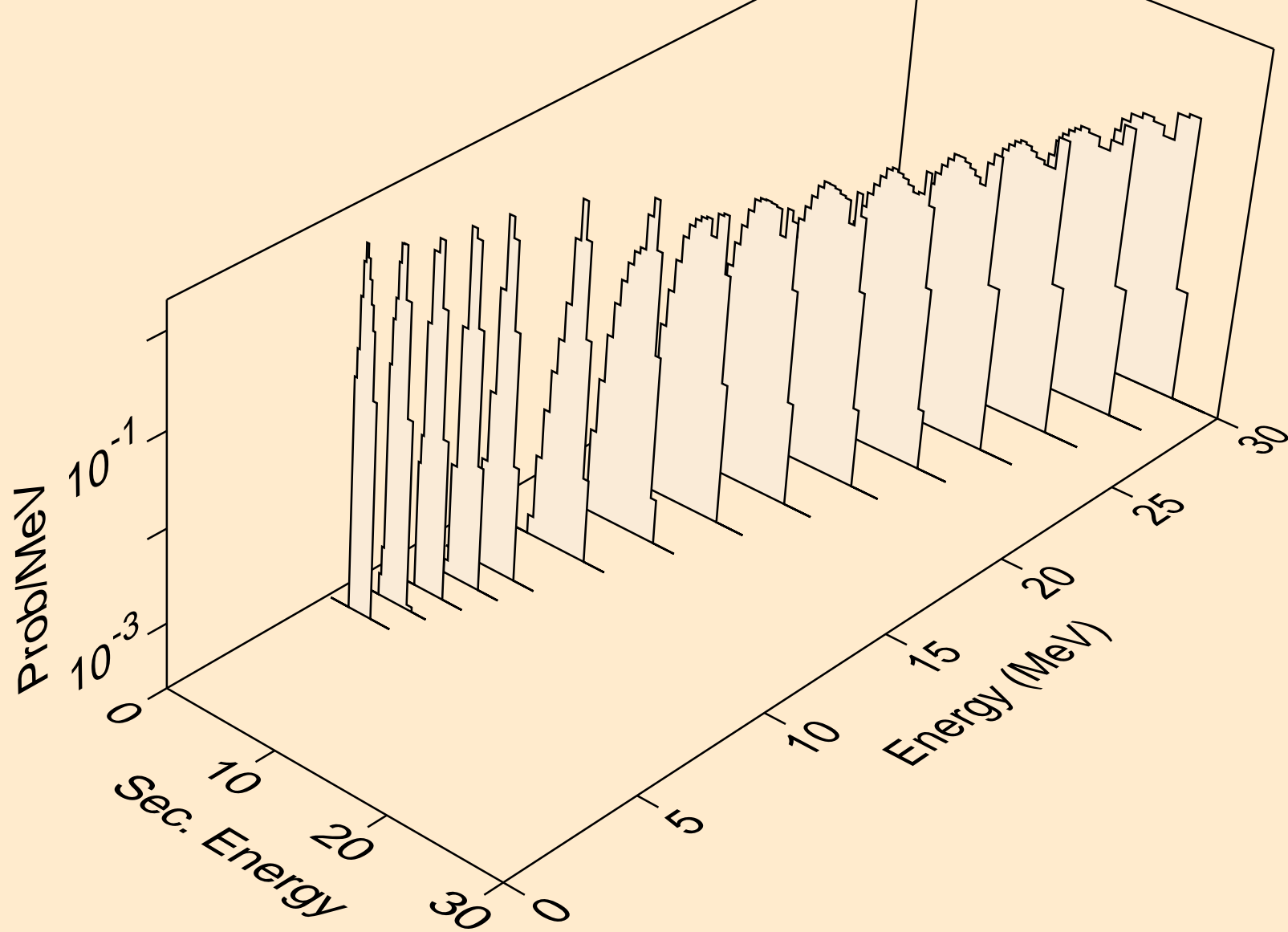
CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,x)



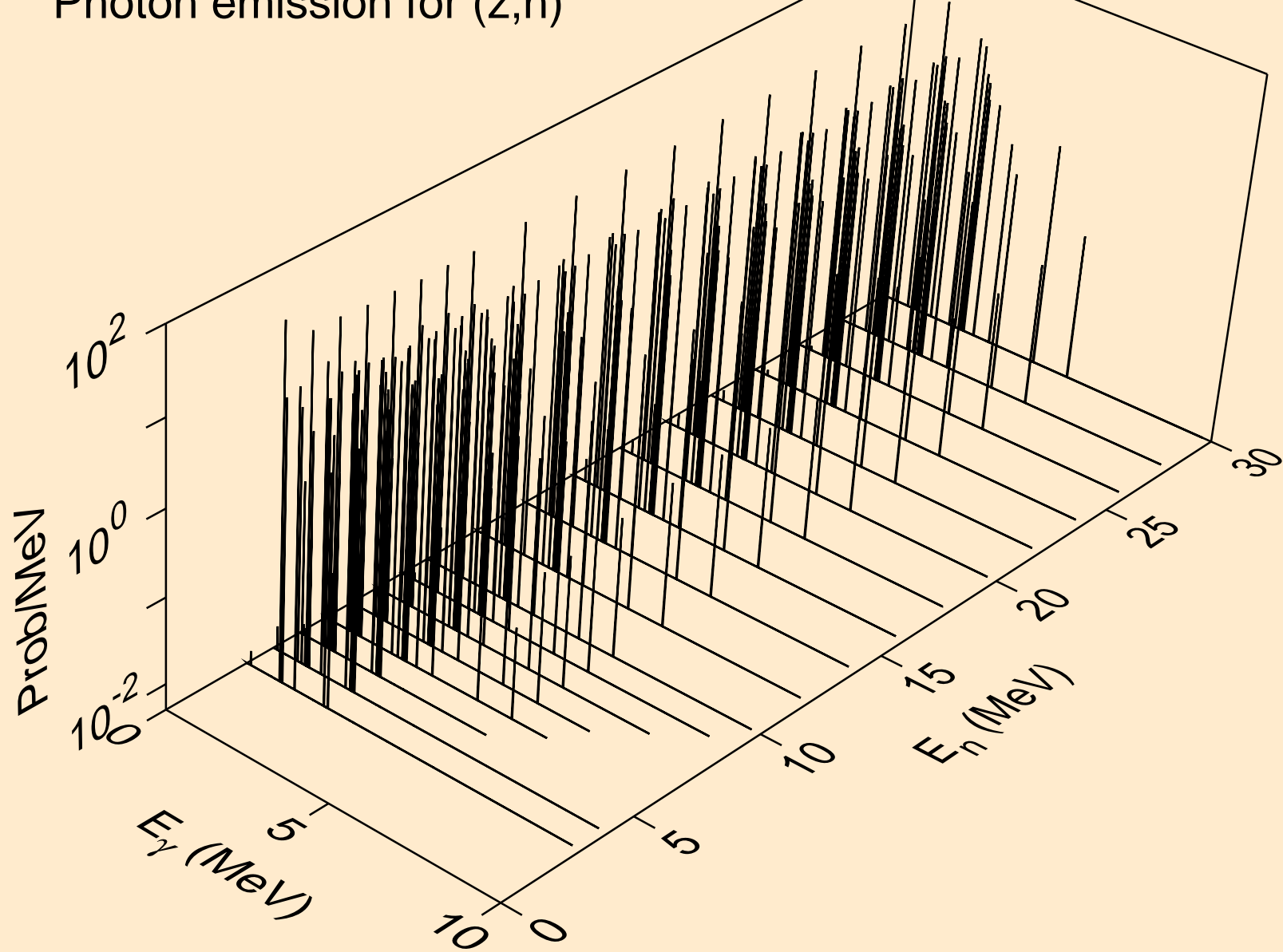
CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3



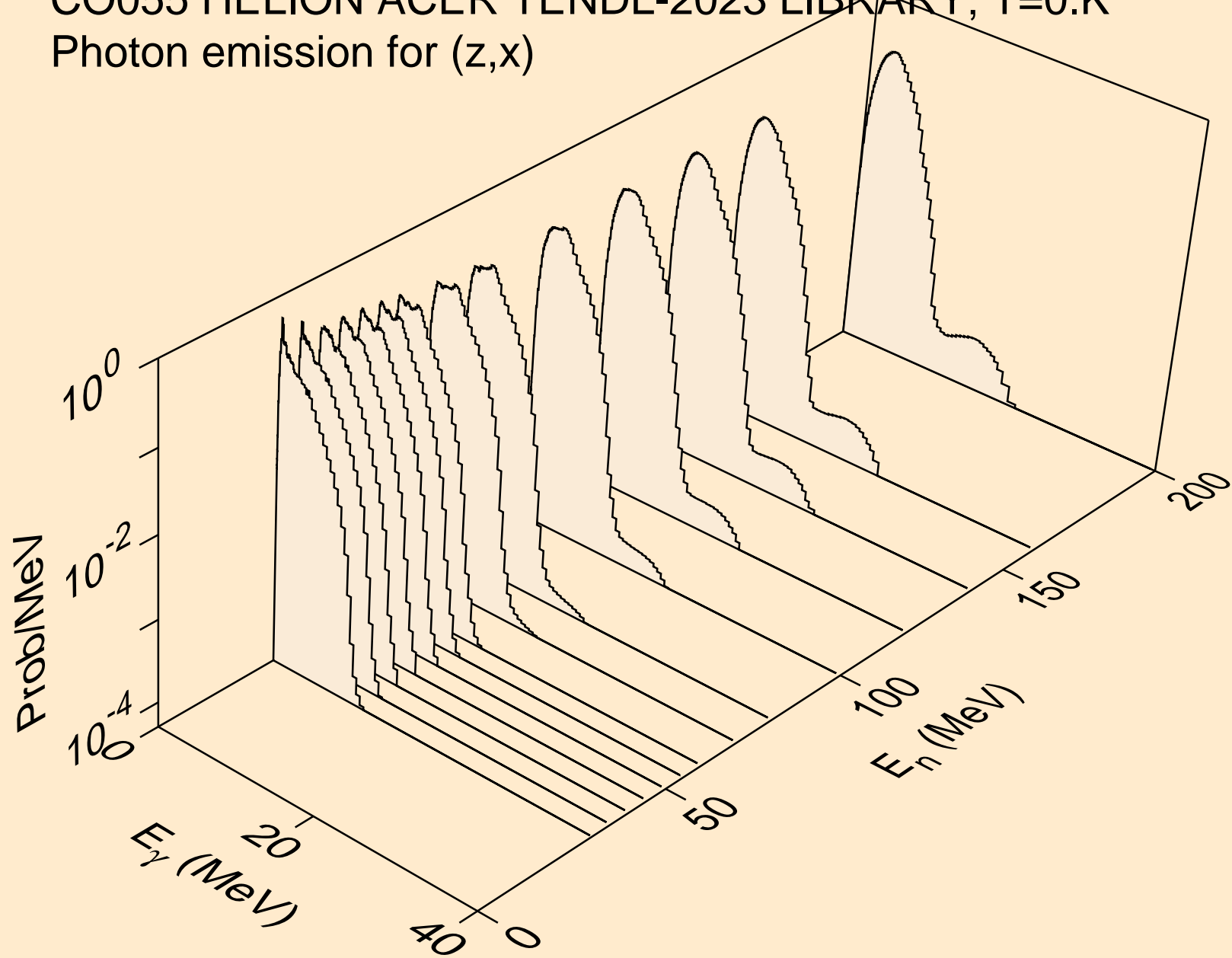
CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for inelastic



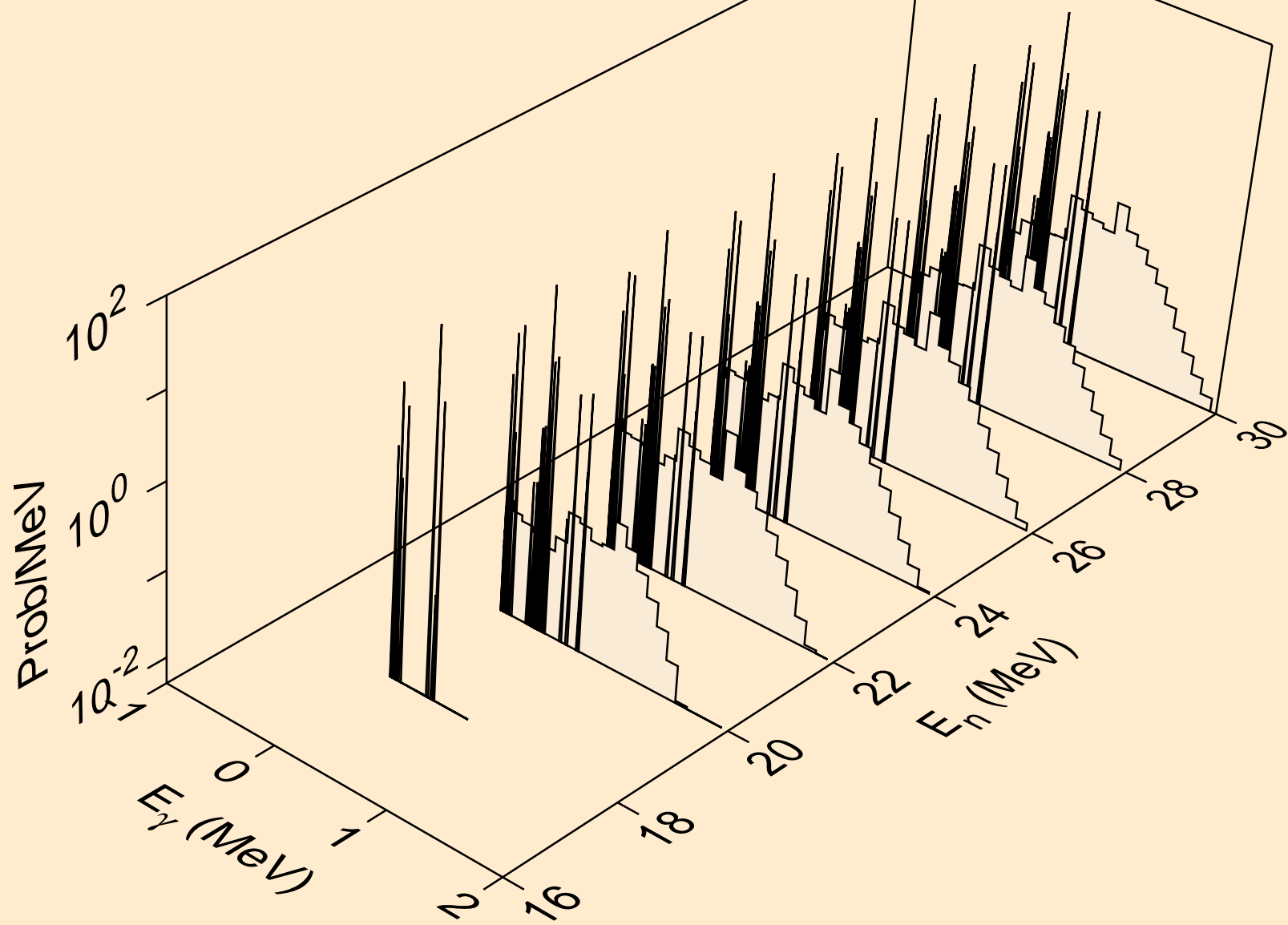
CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



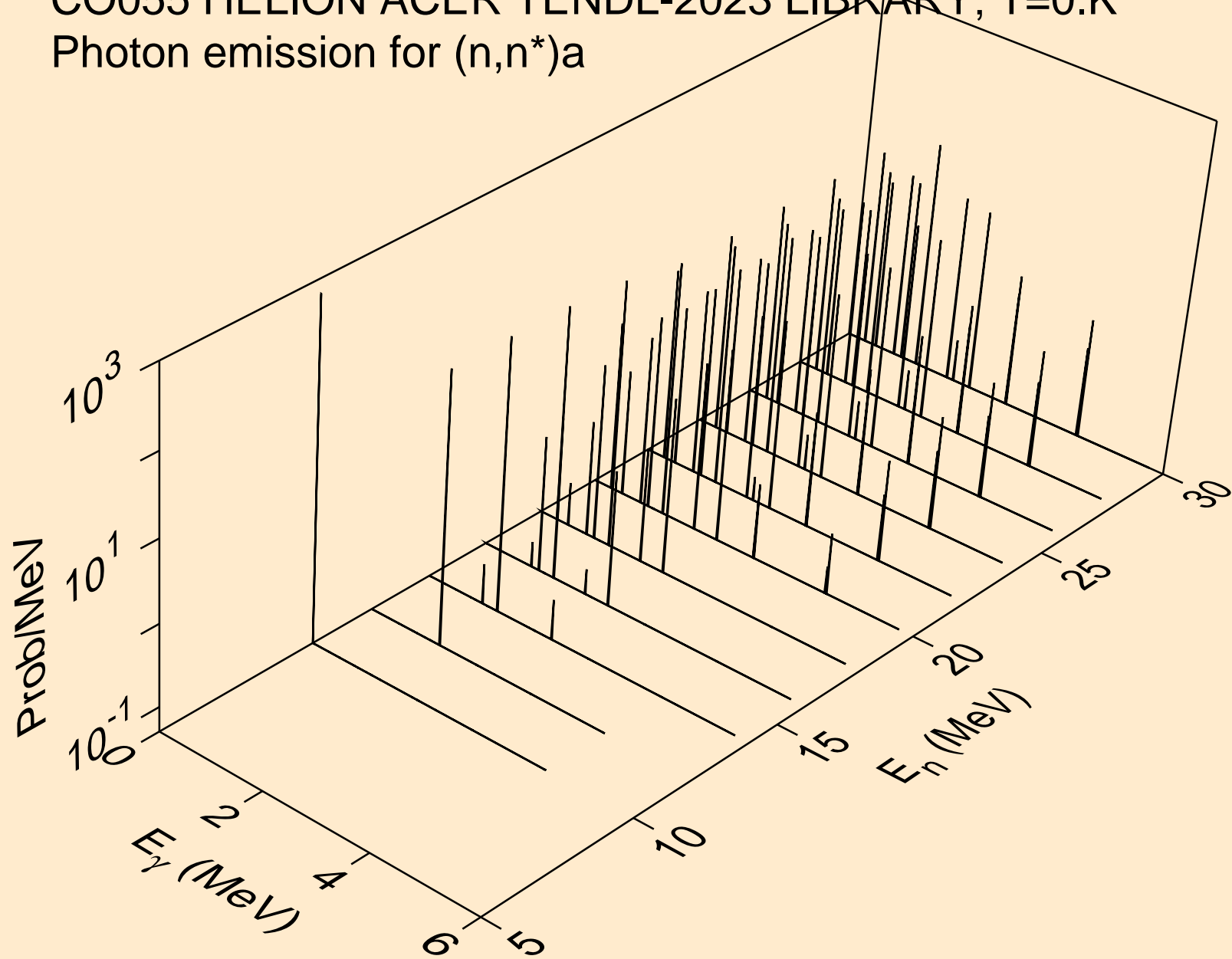
CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



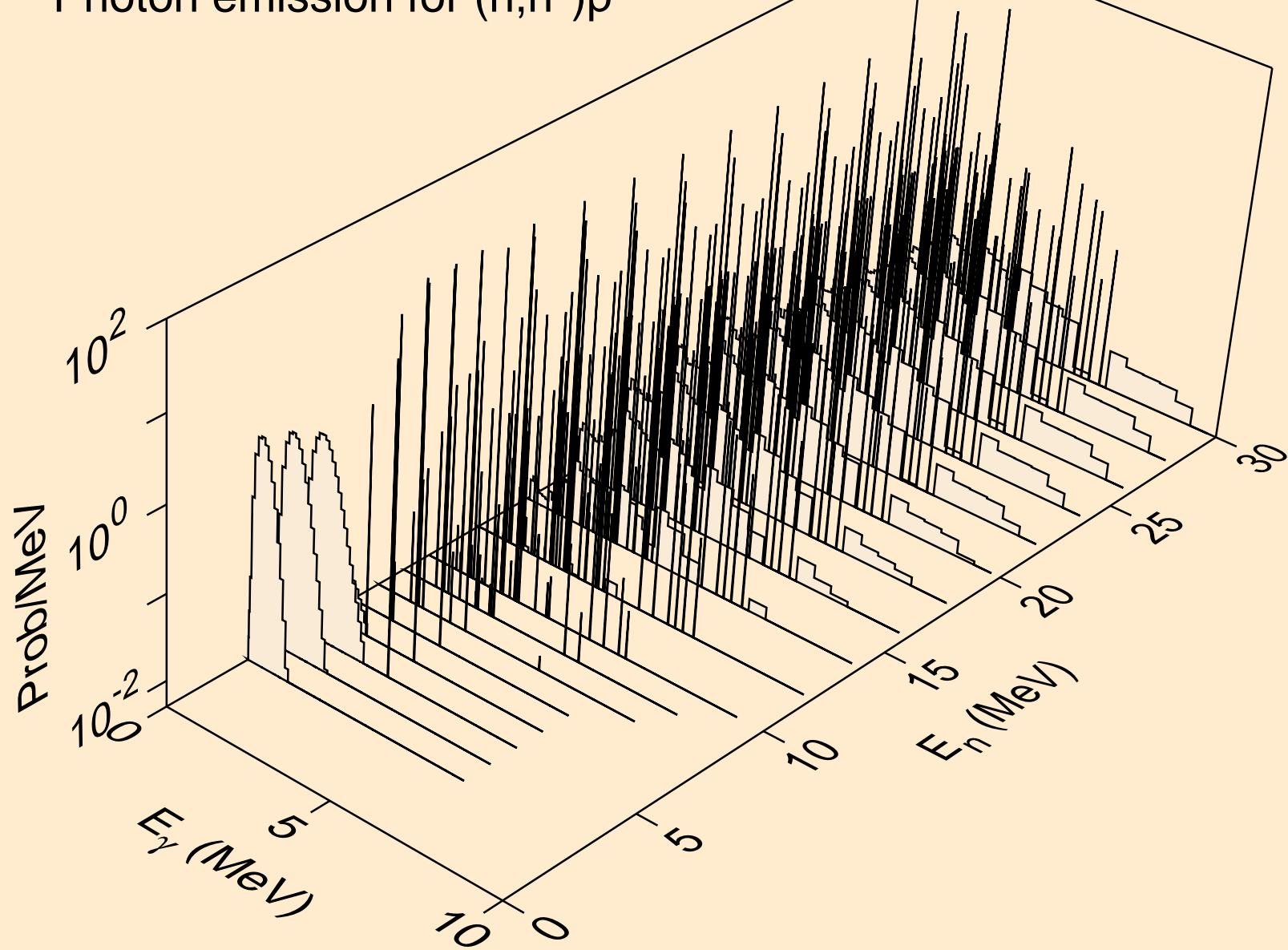
CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



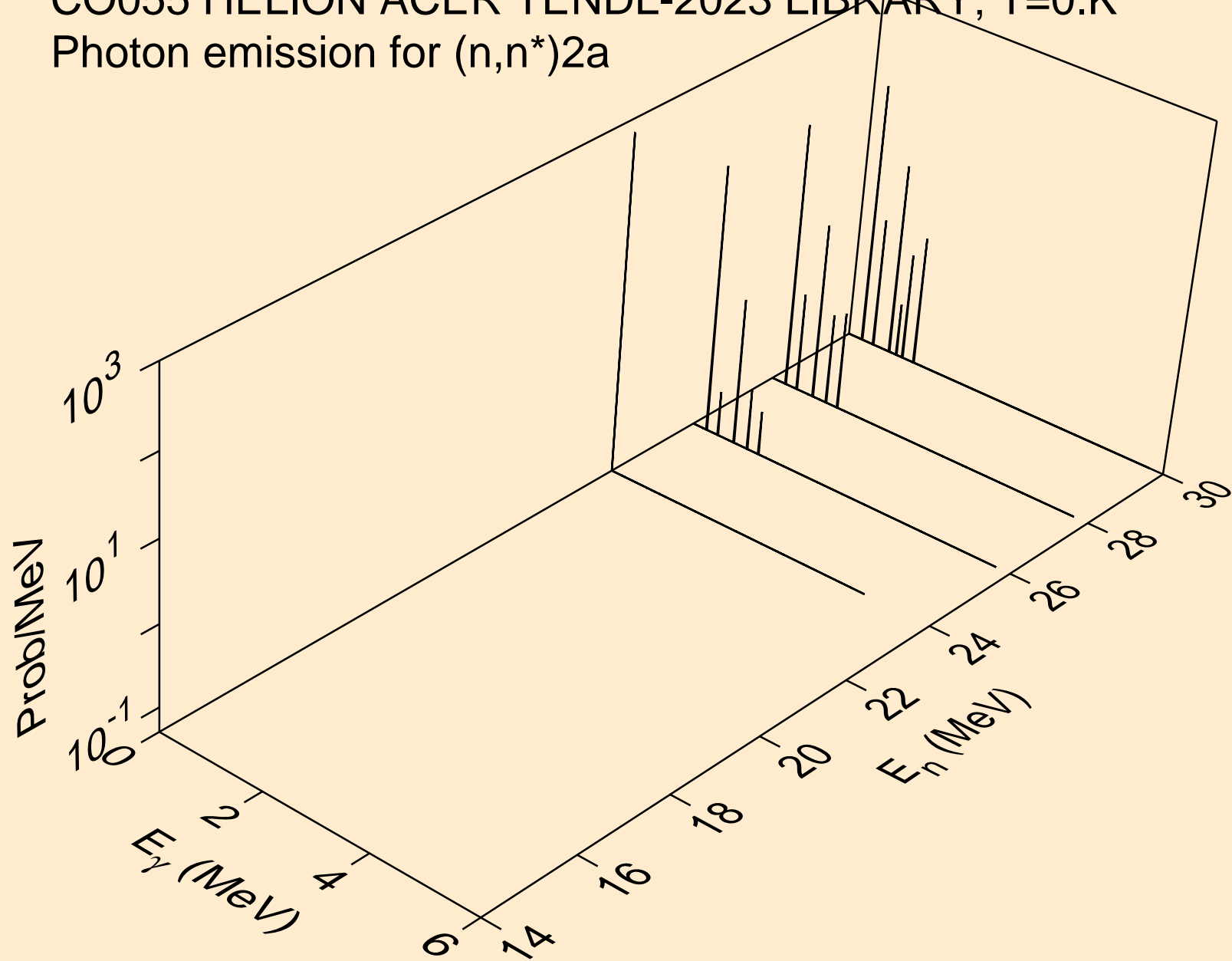
CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



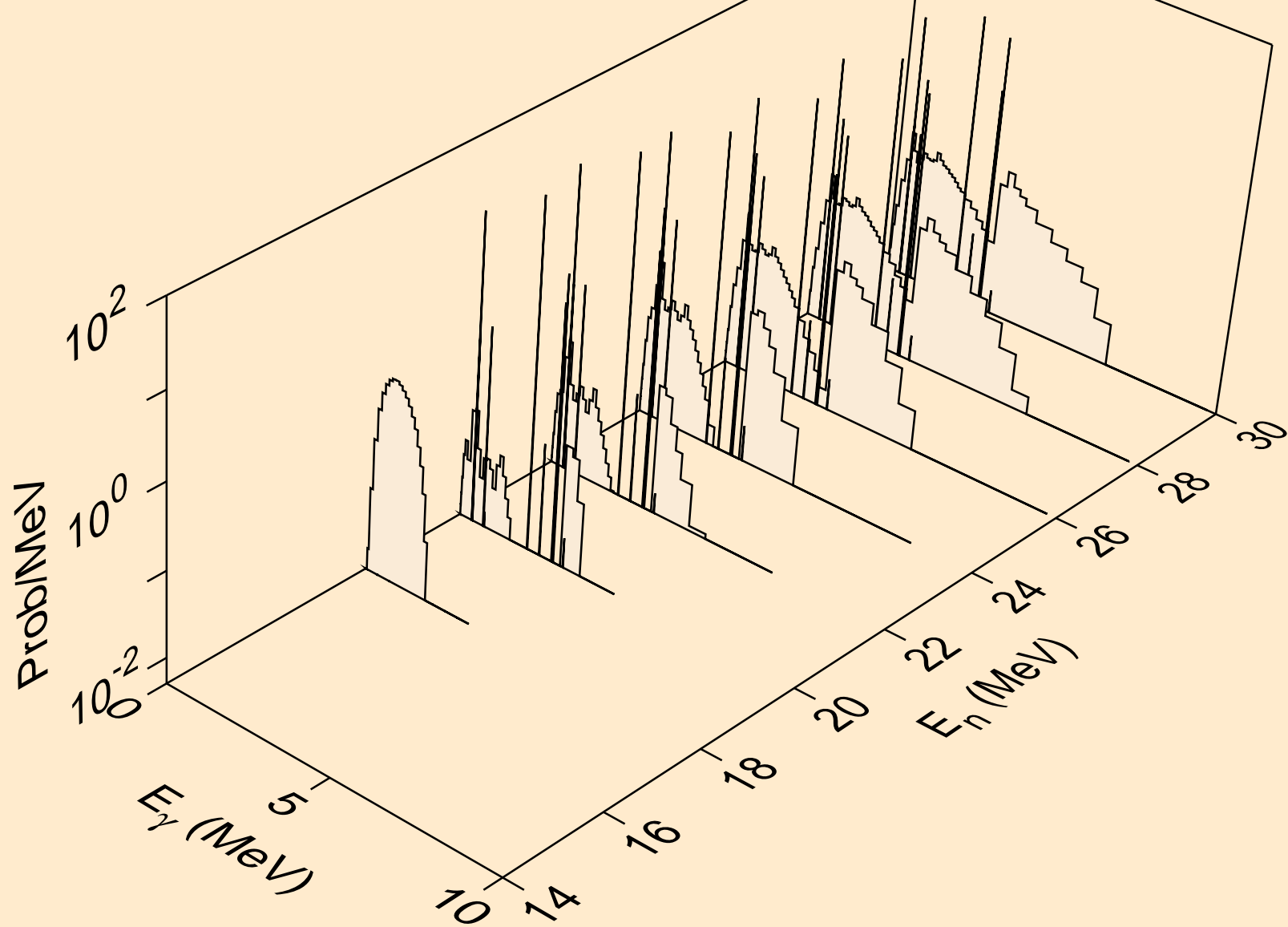
CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



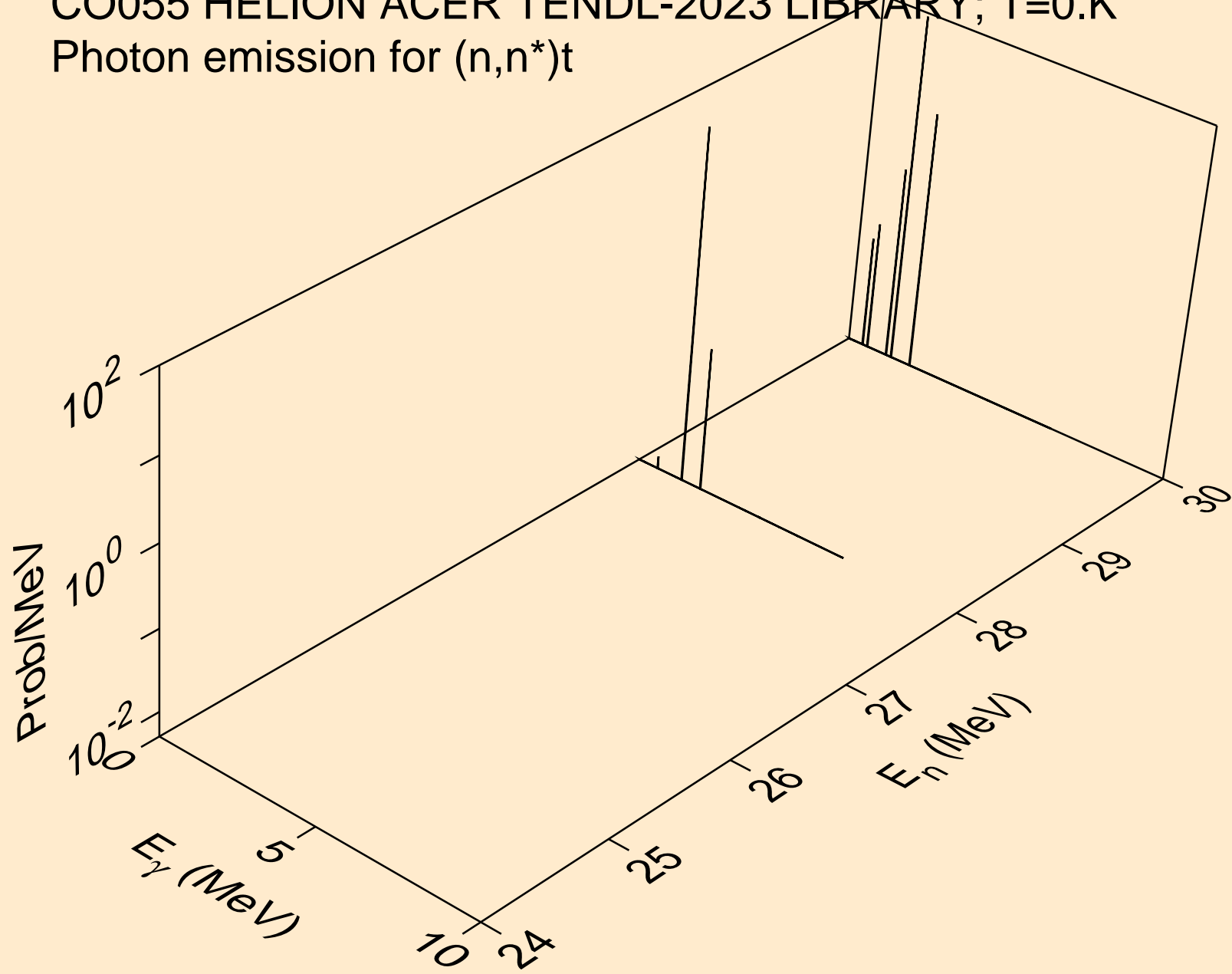
CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



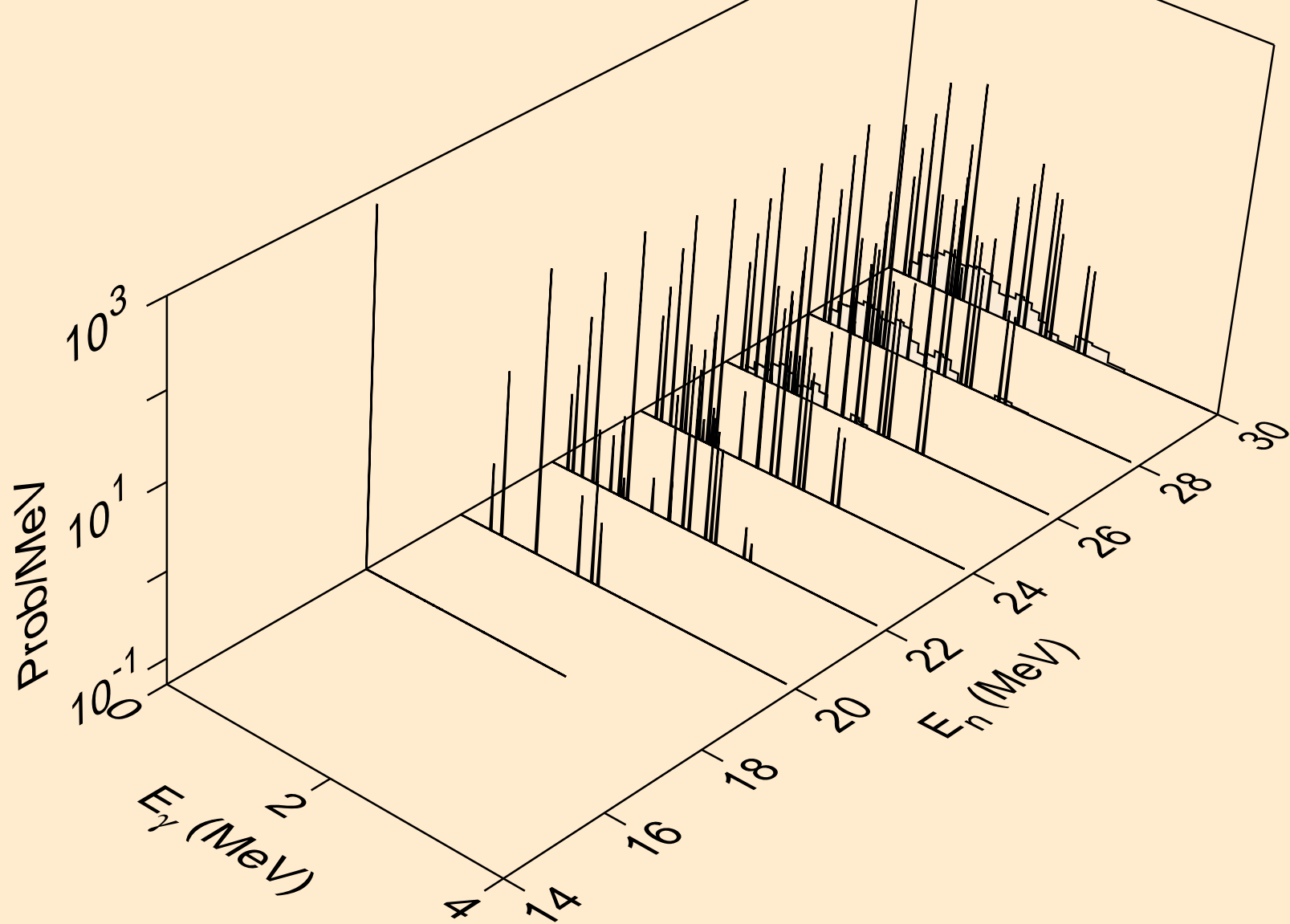
CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



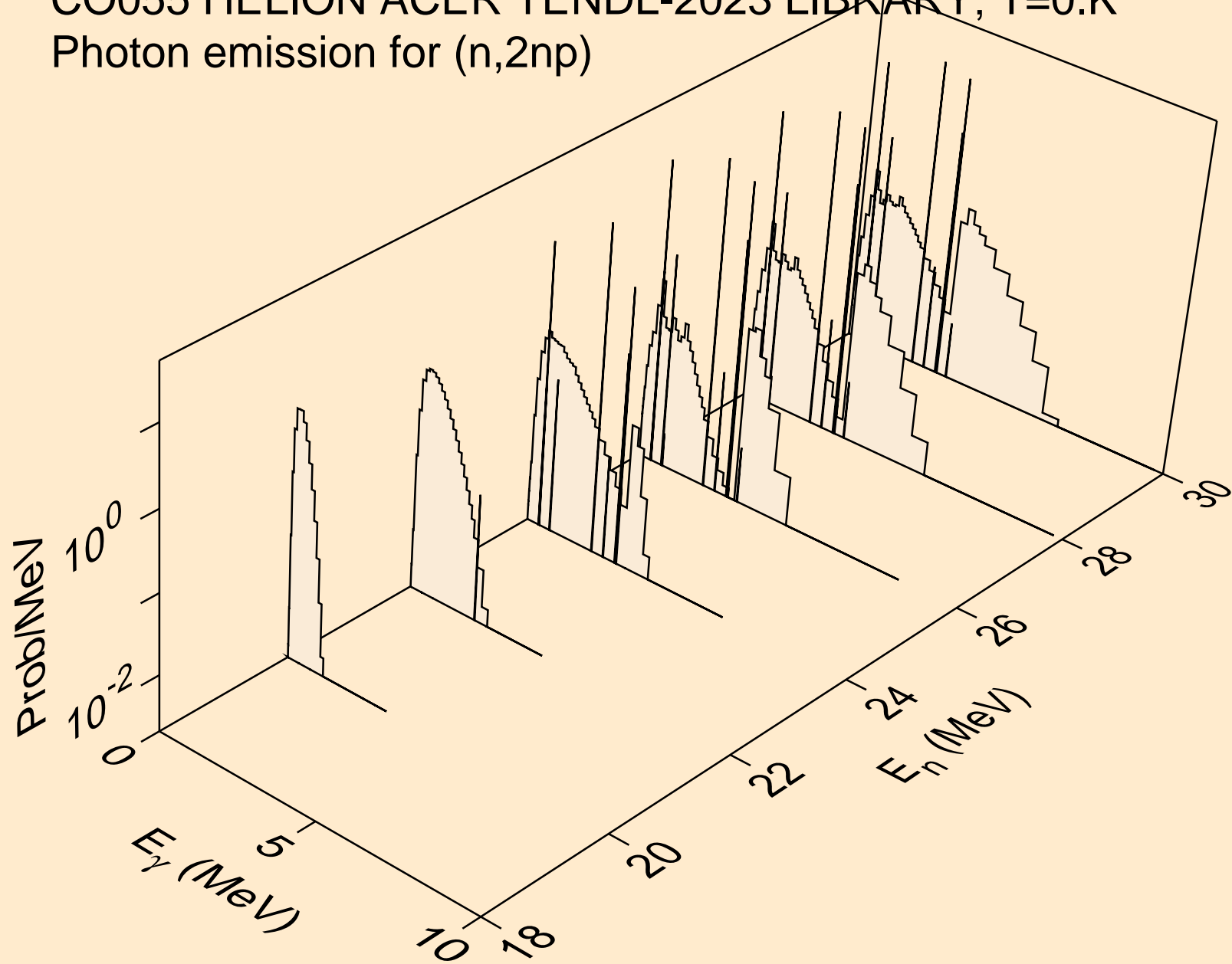
CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



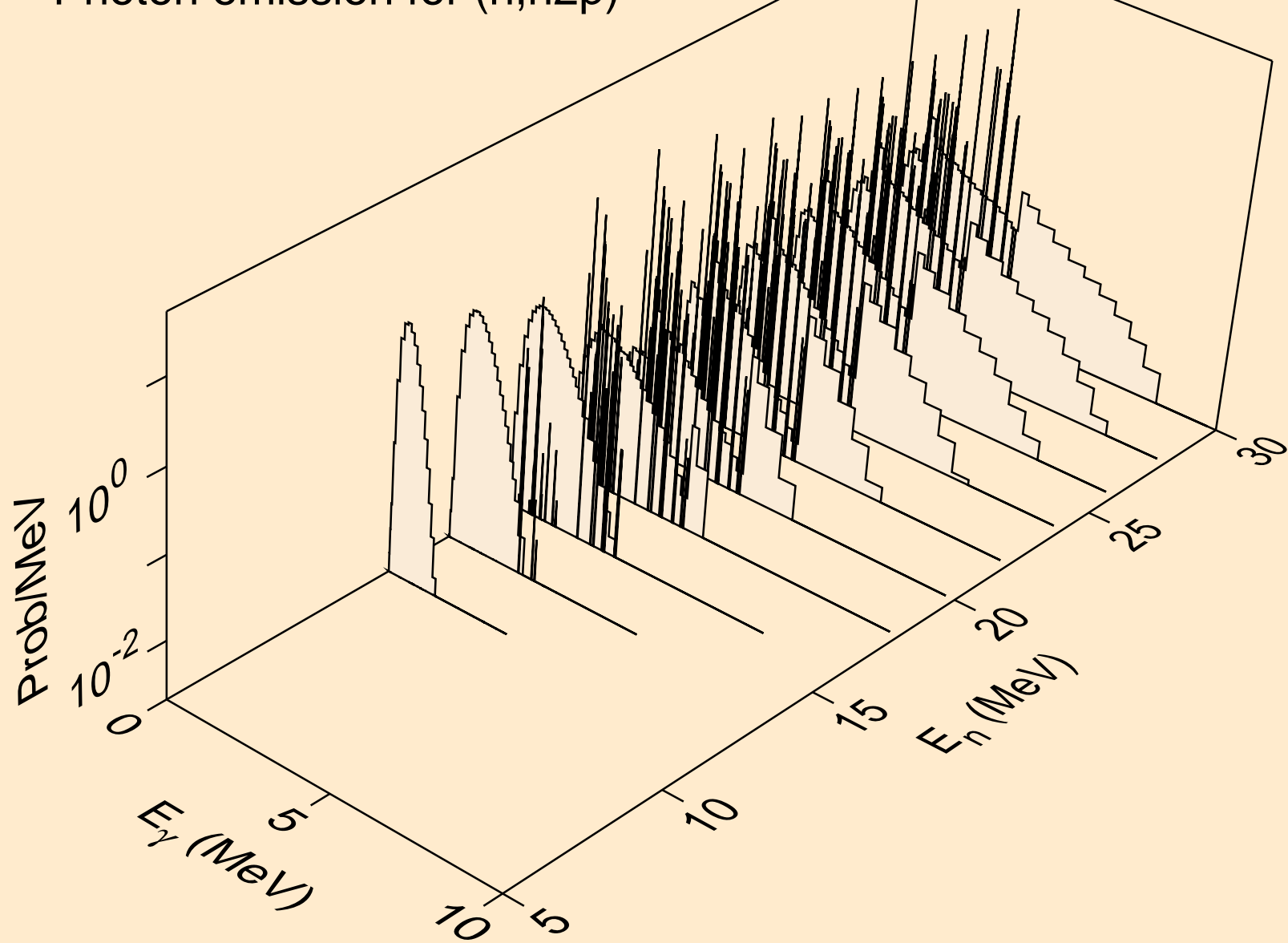
CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



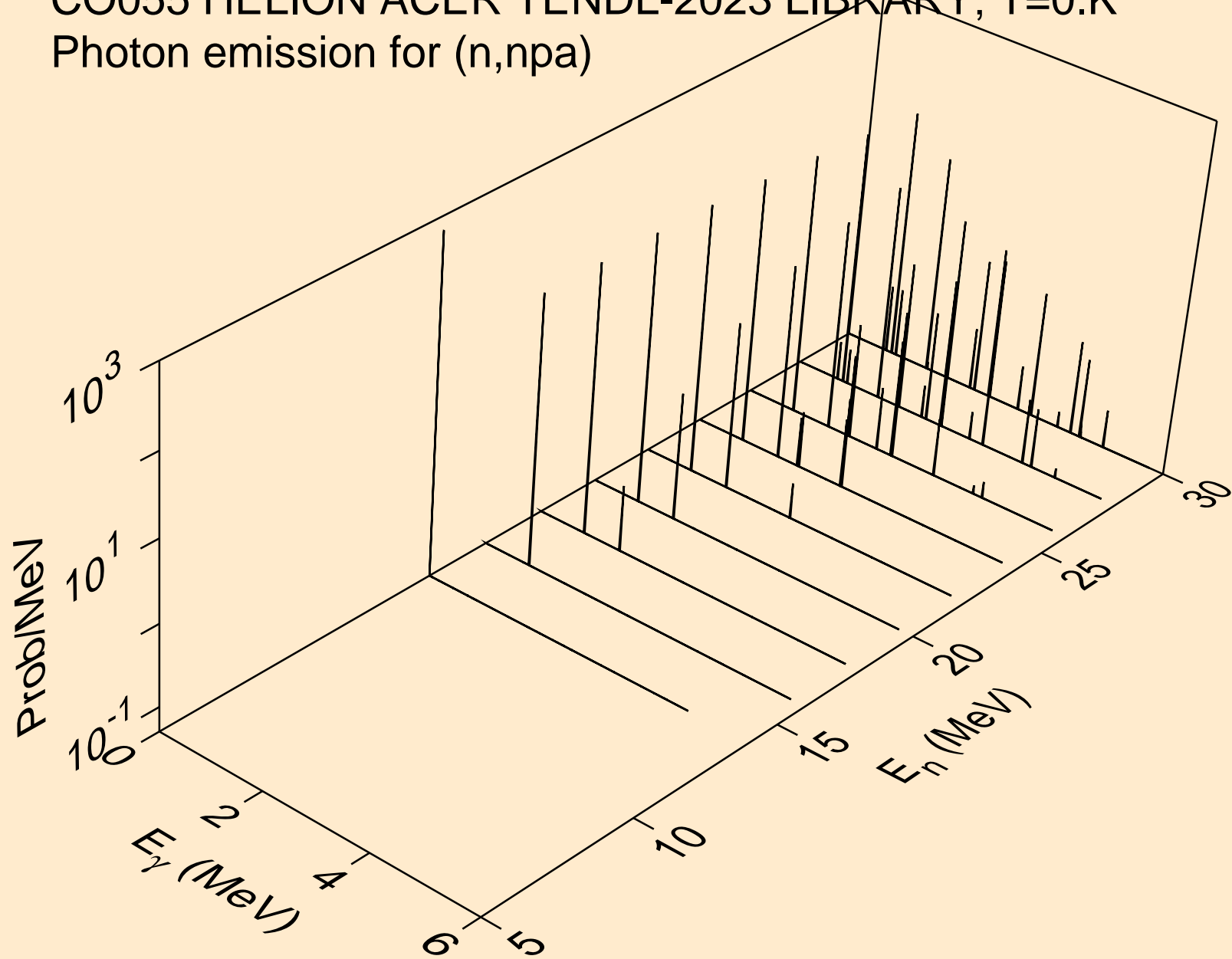
CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



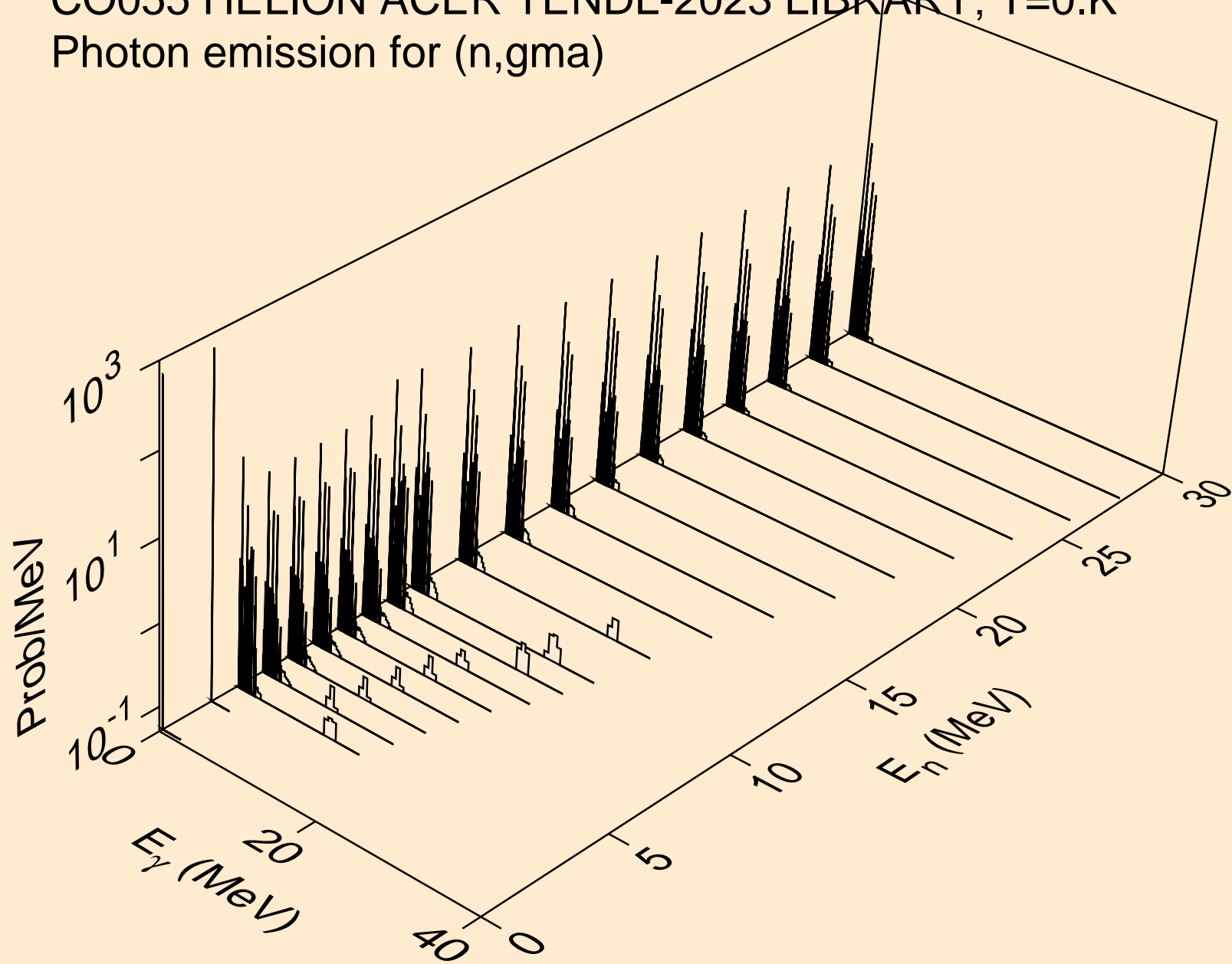
CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



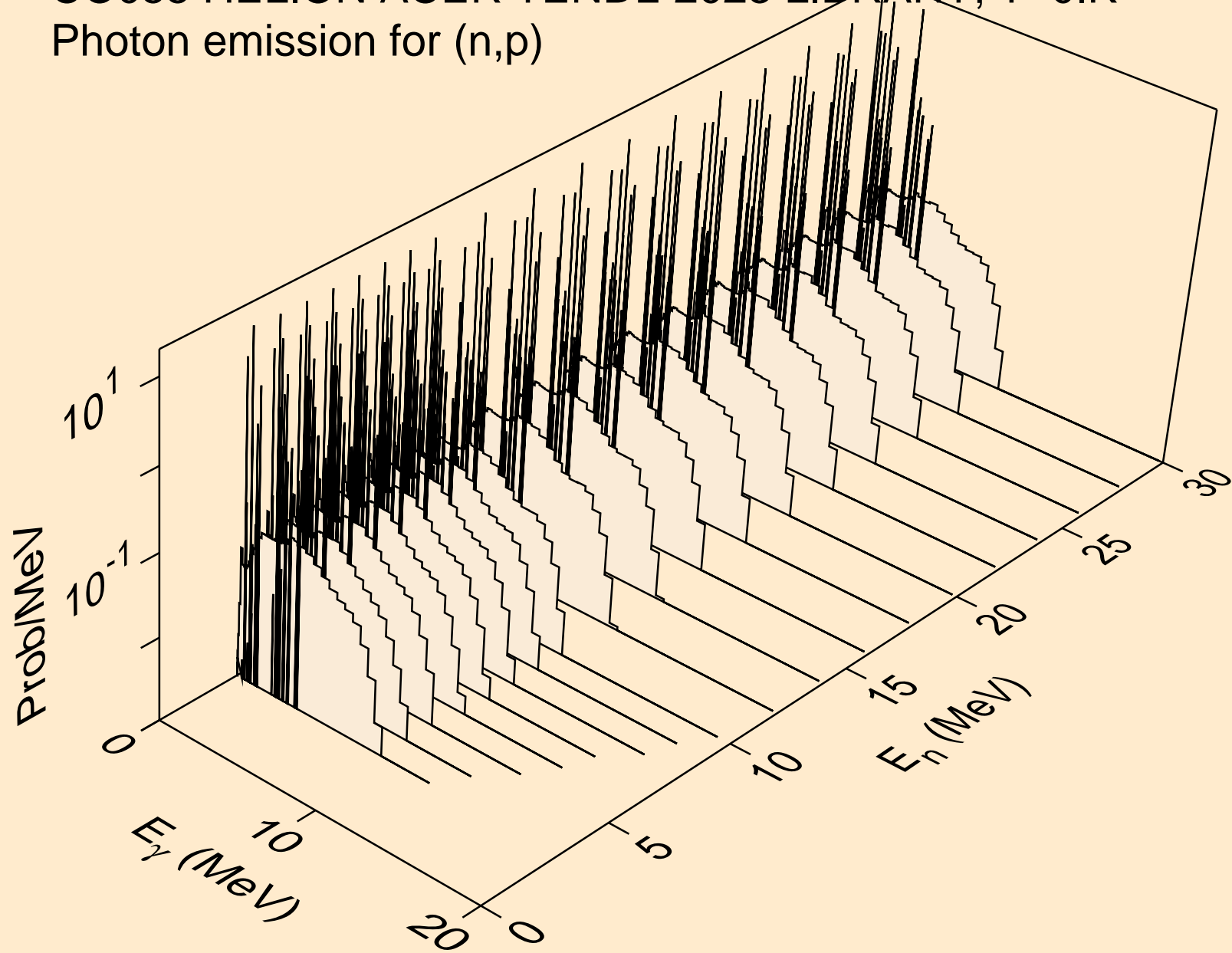
CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



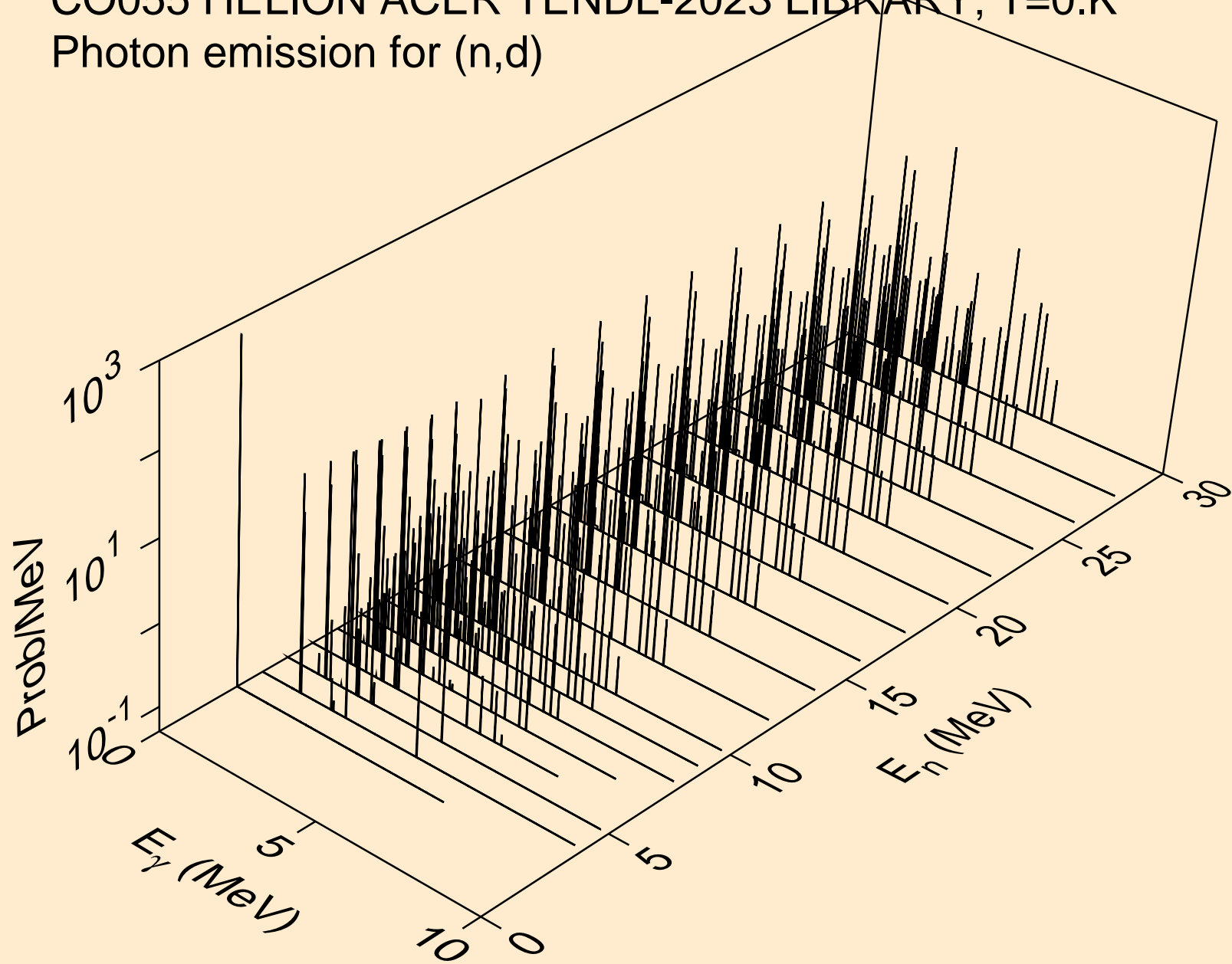
CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



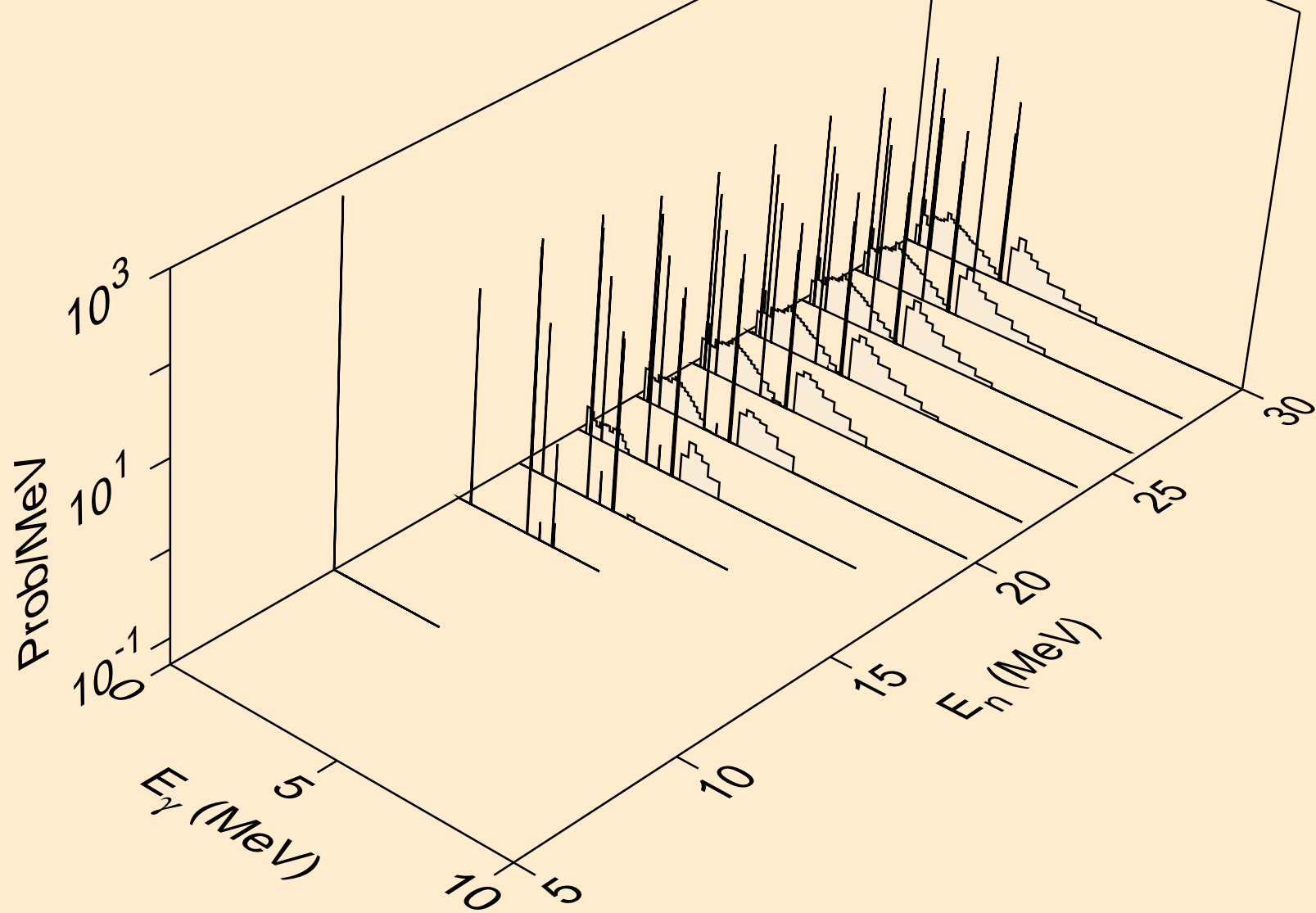
CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



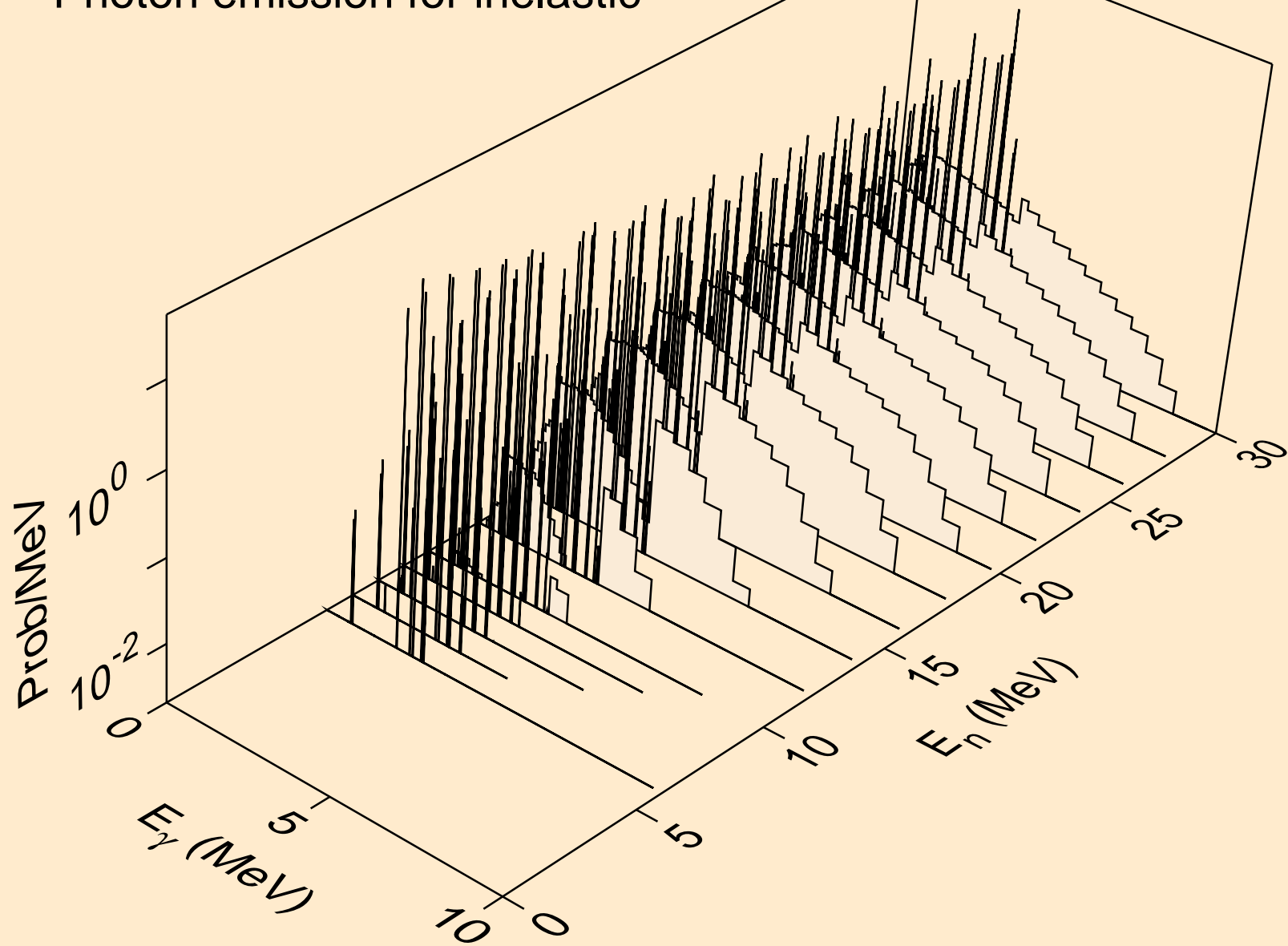
CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



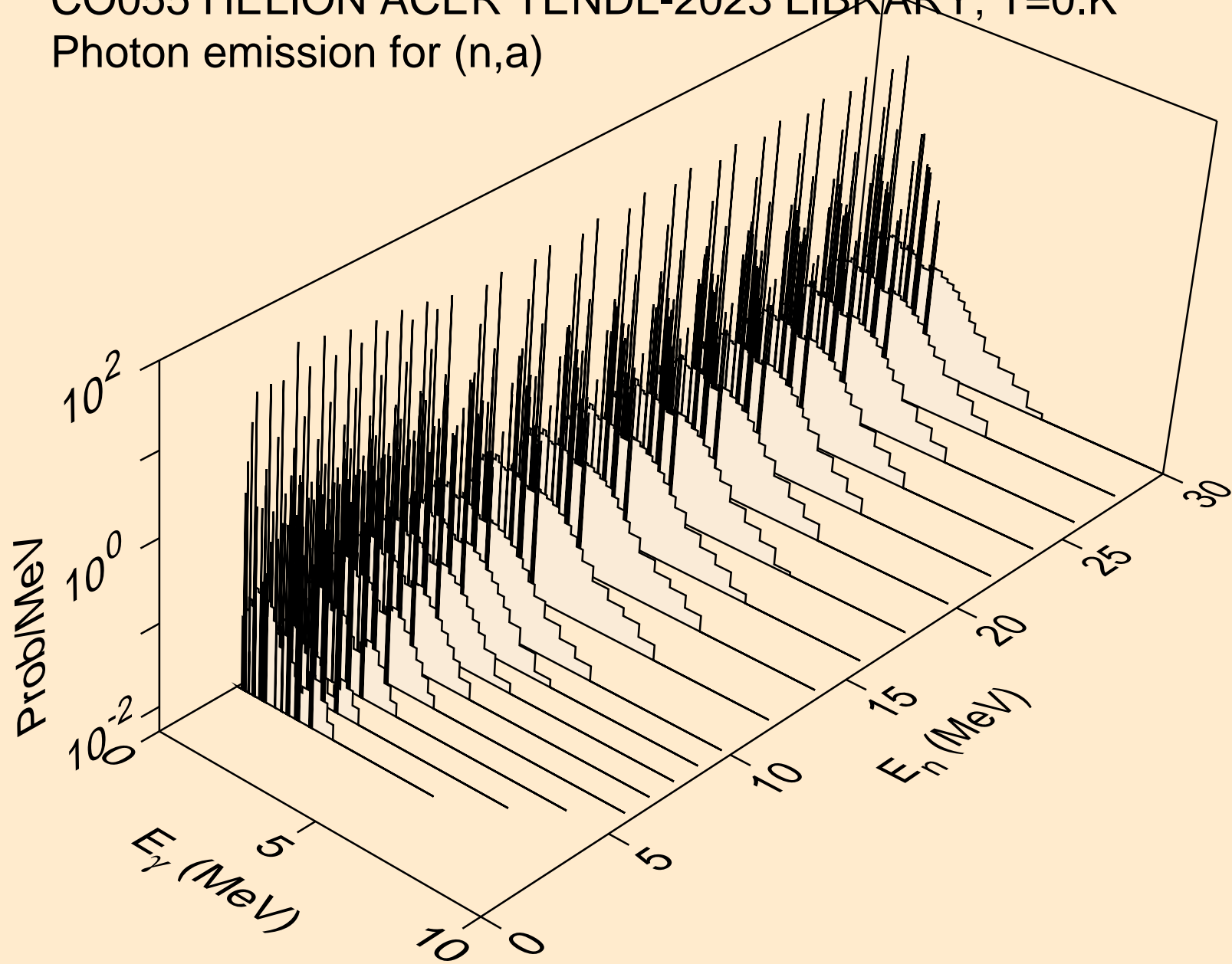
CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



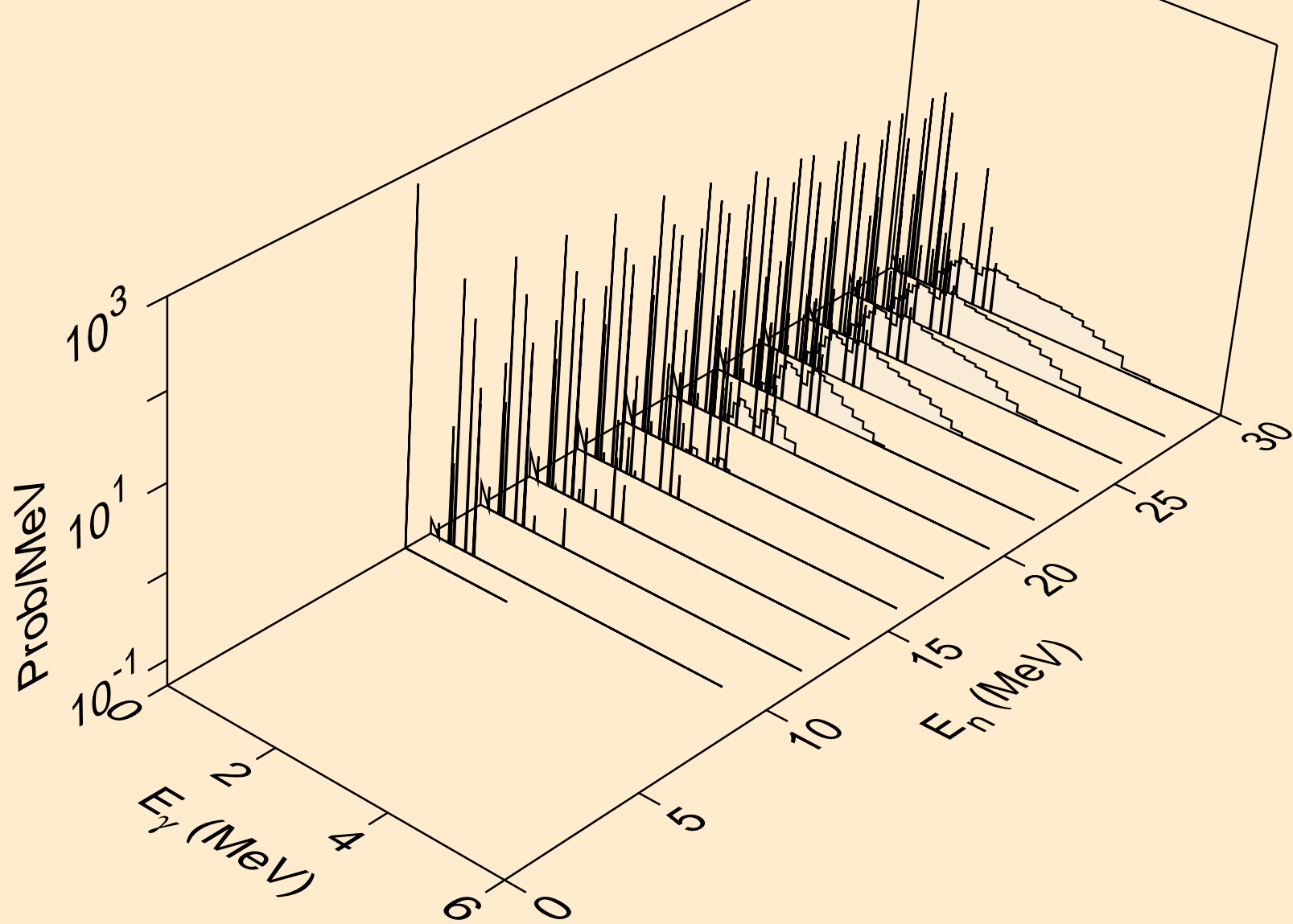
CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



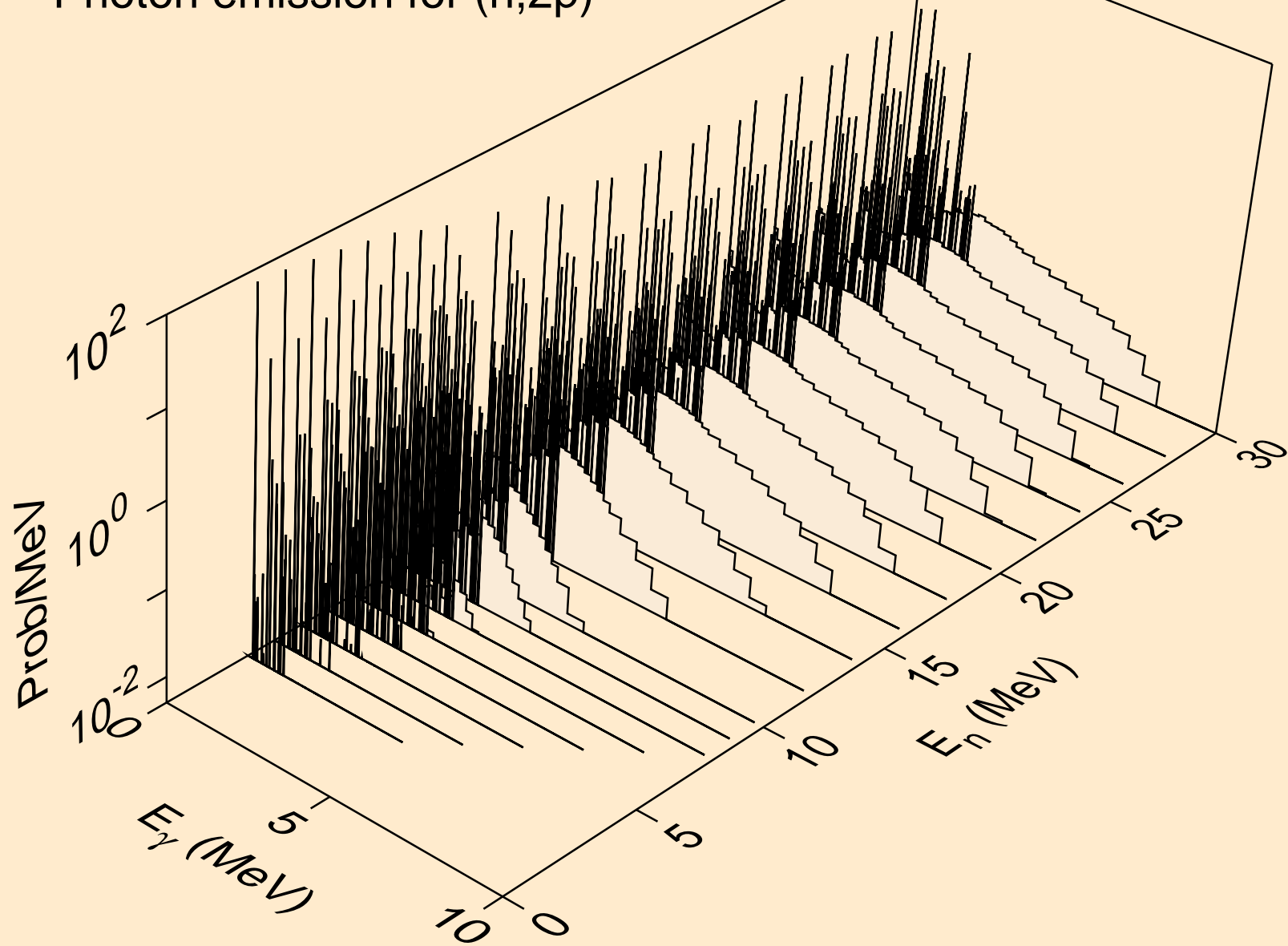
CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



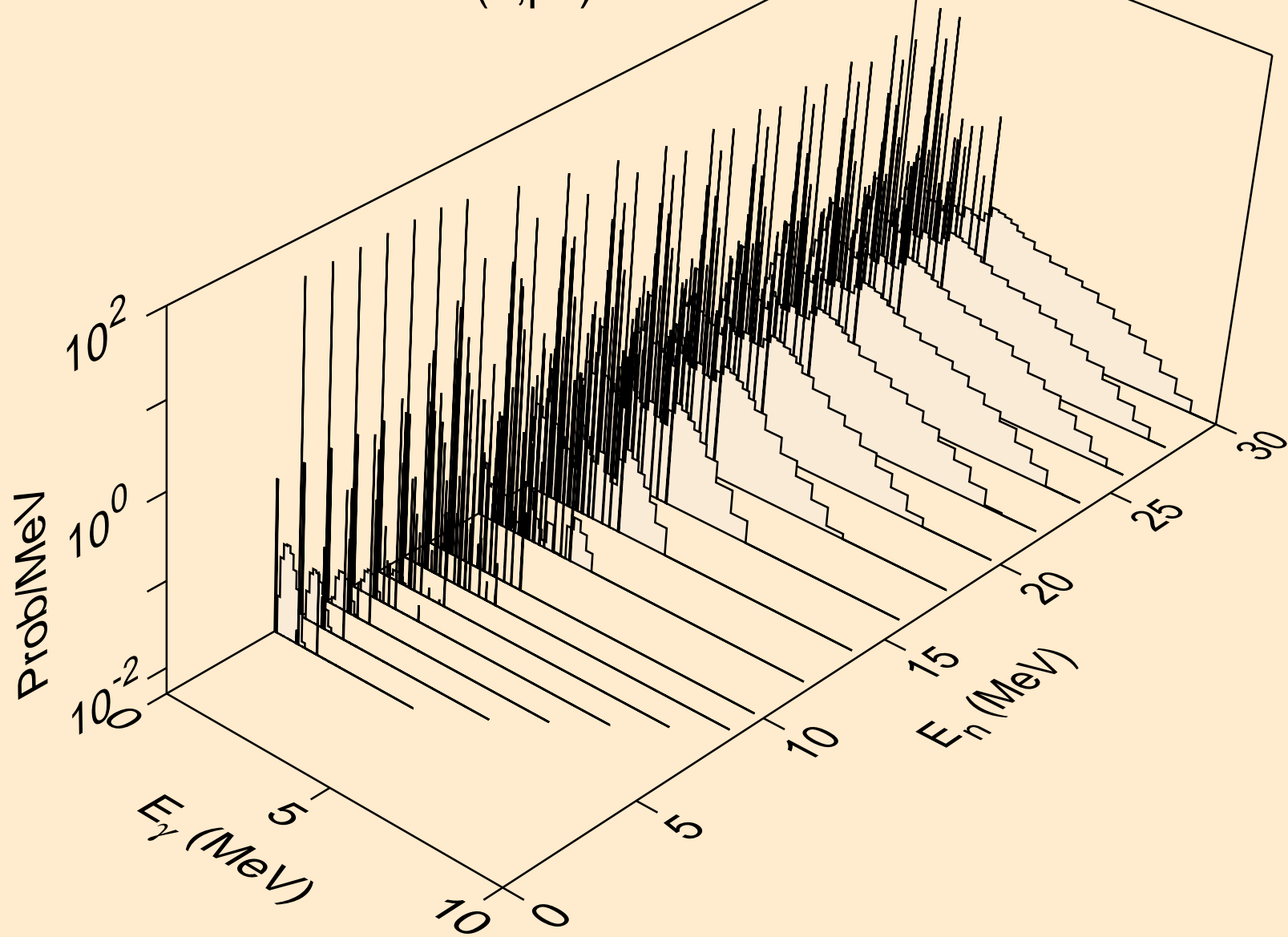
CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



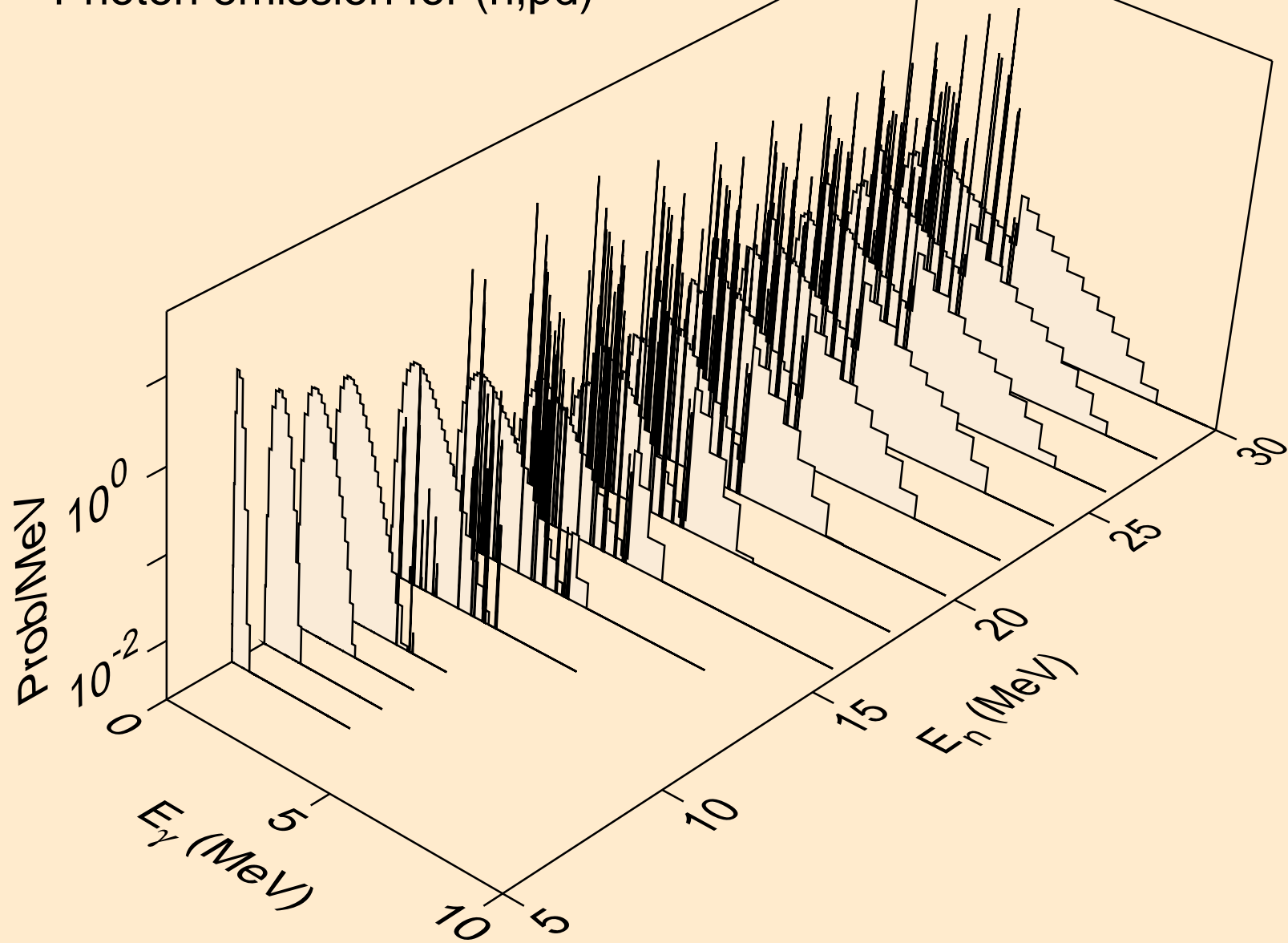
CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



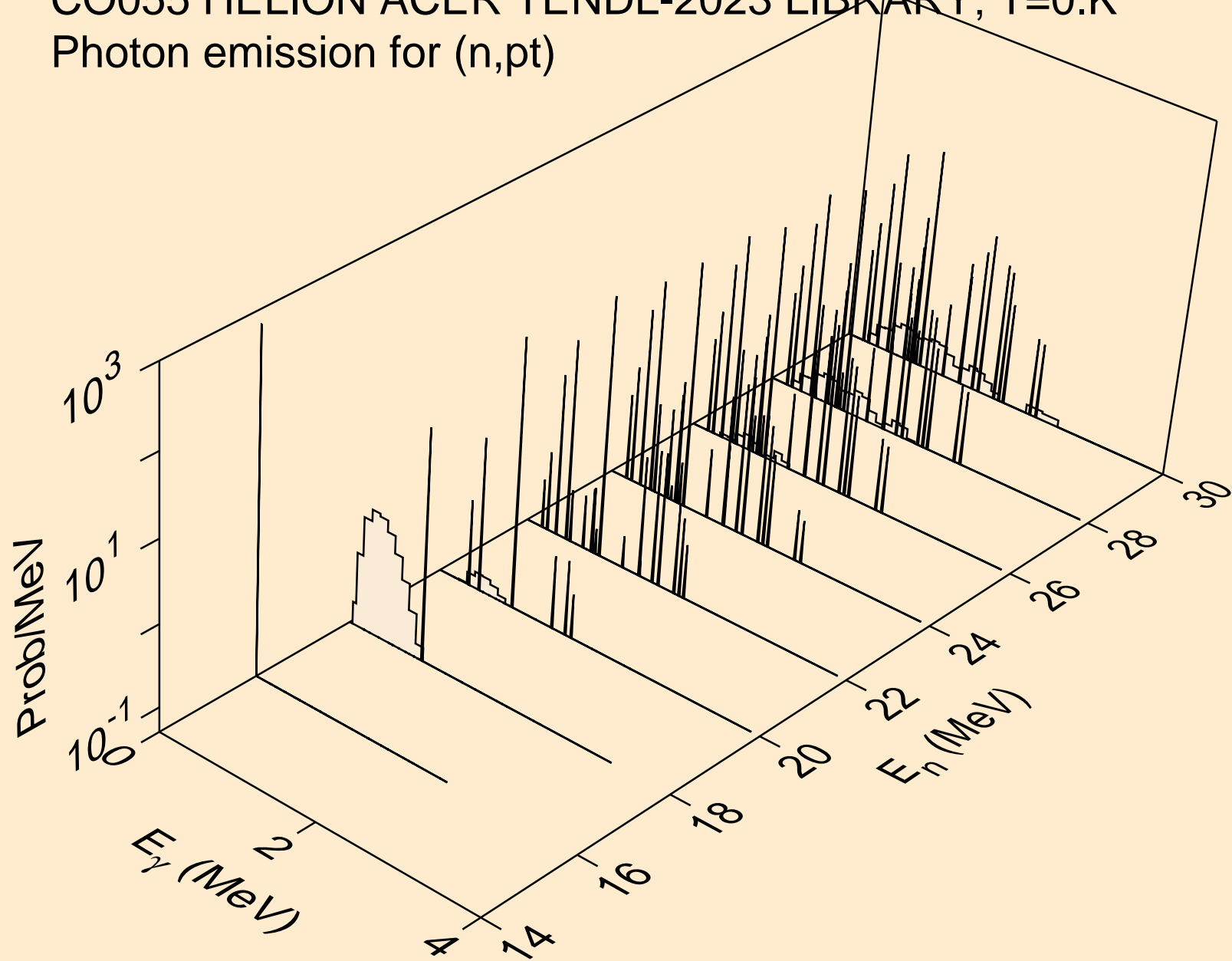
CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



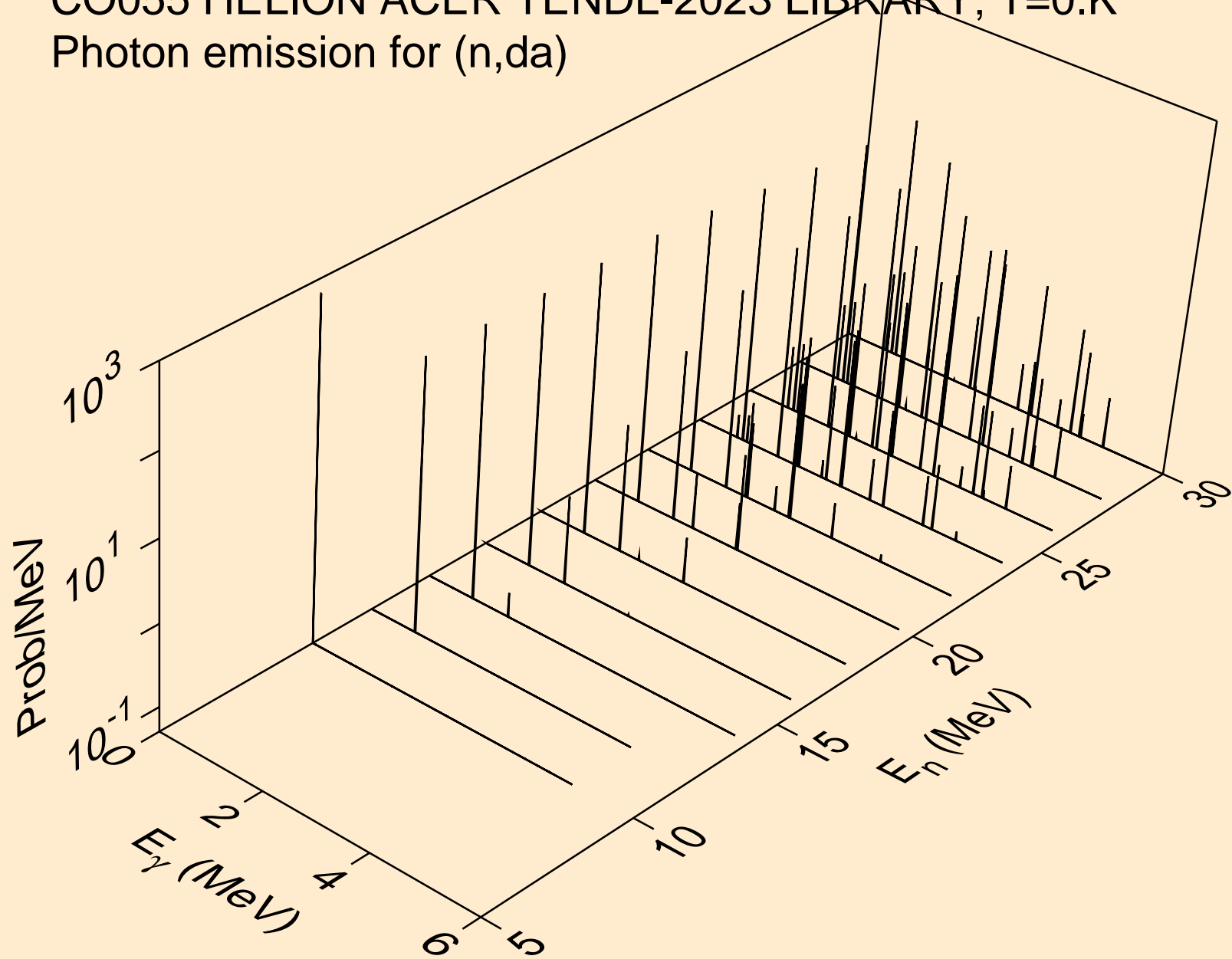
CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



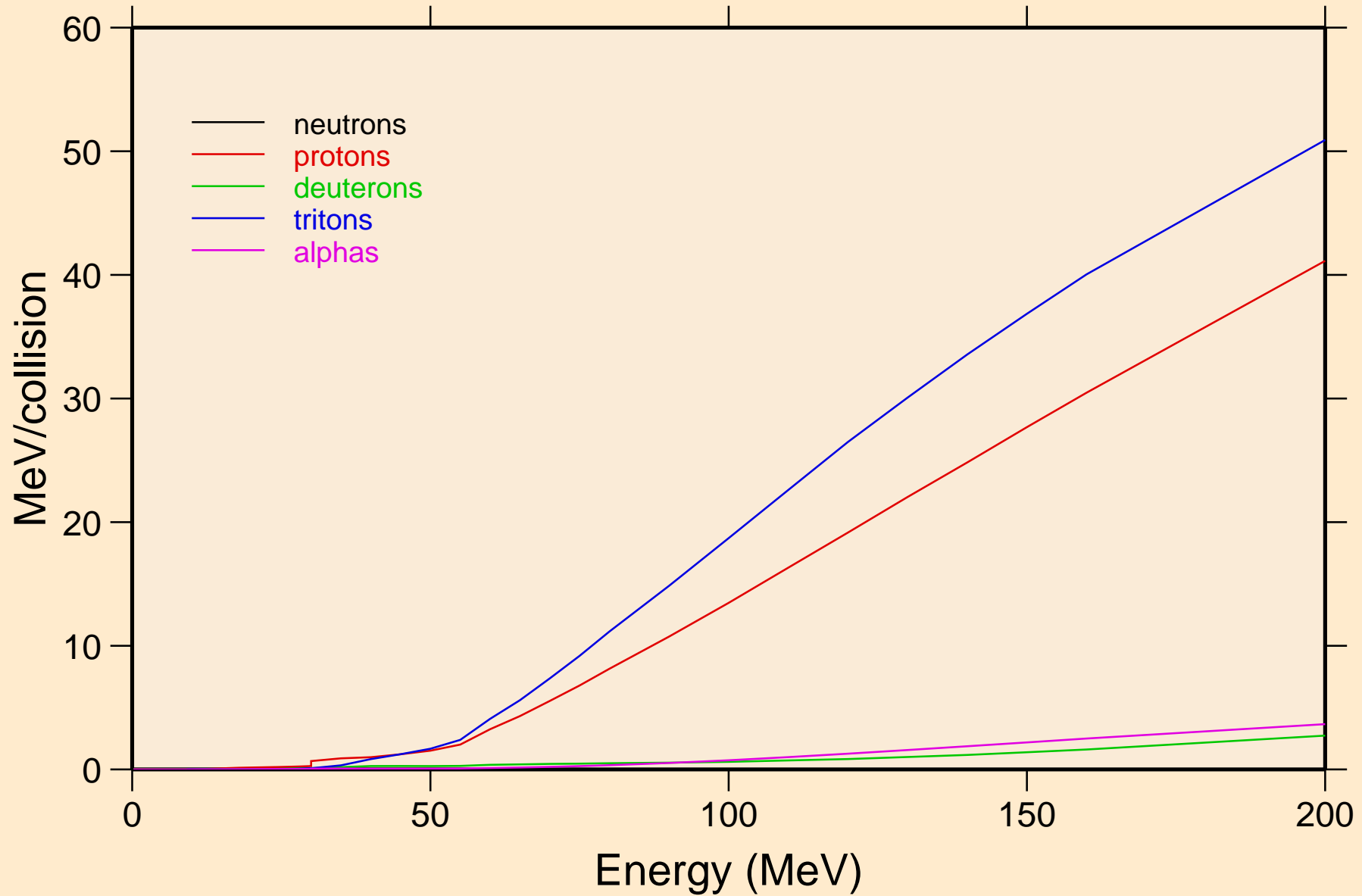
CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)

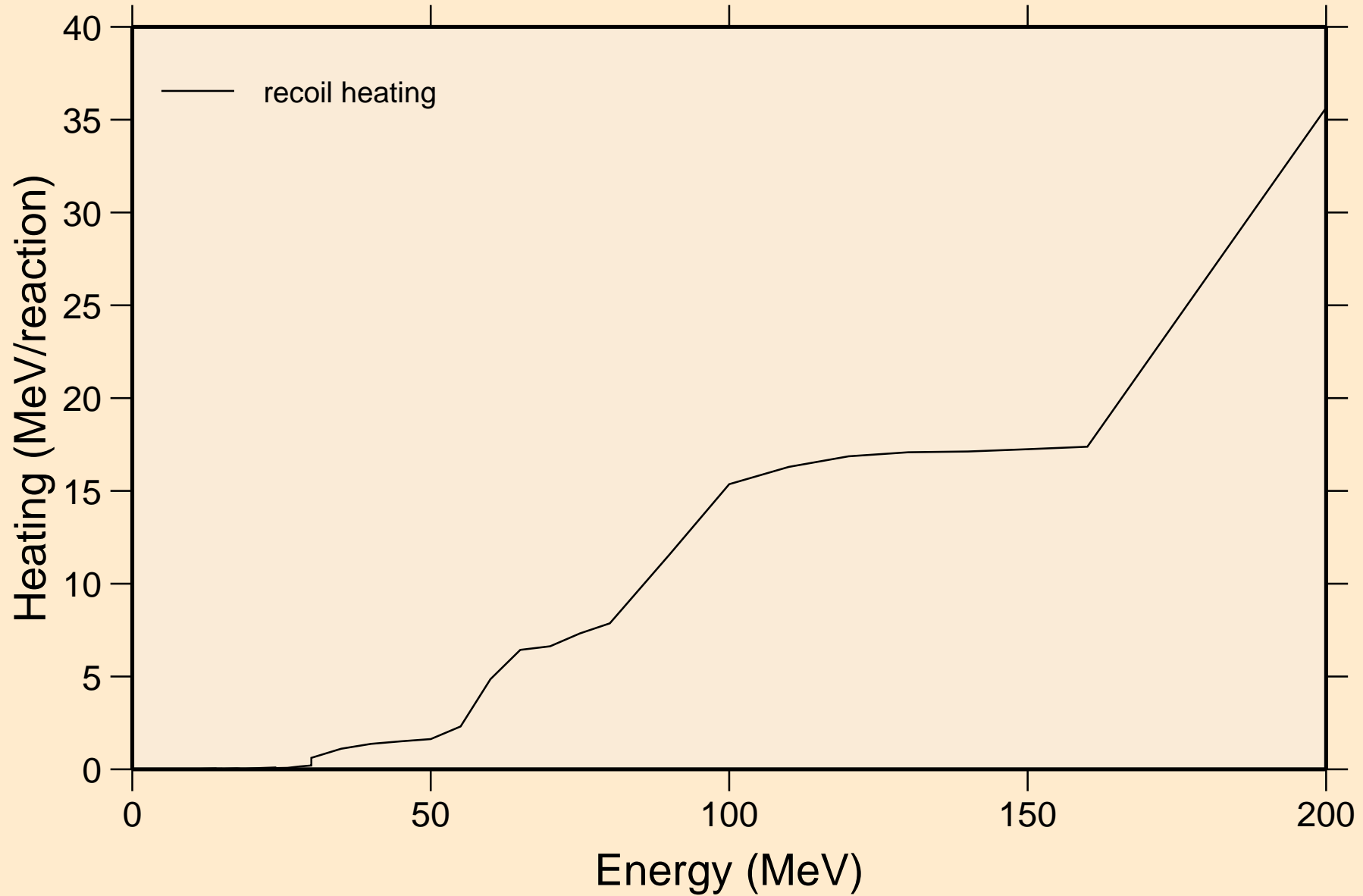


CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions

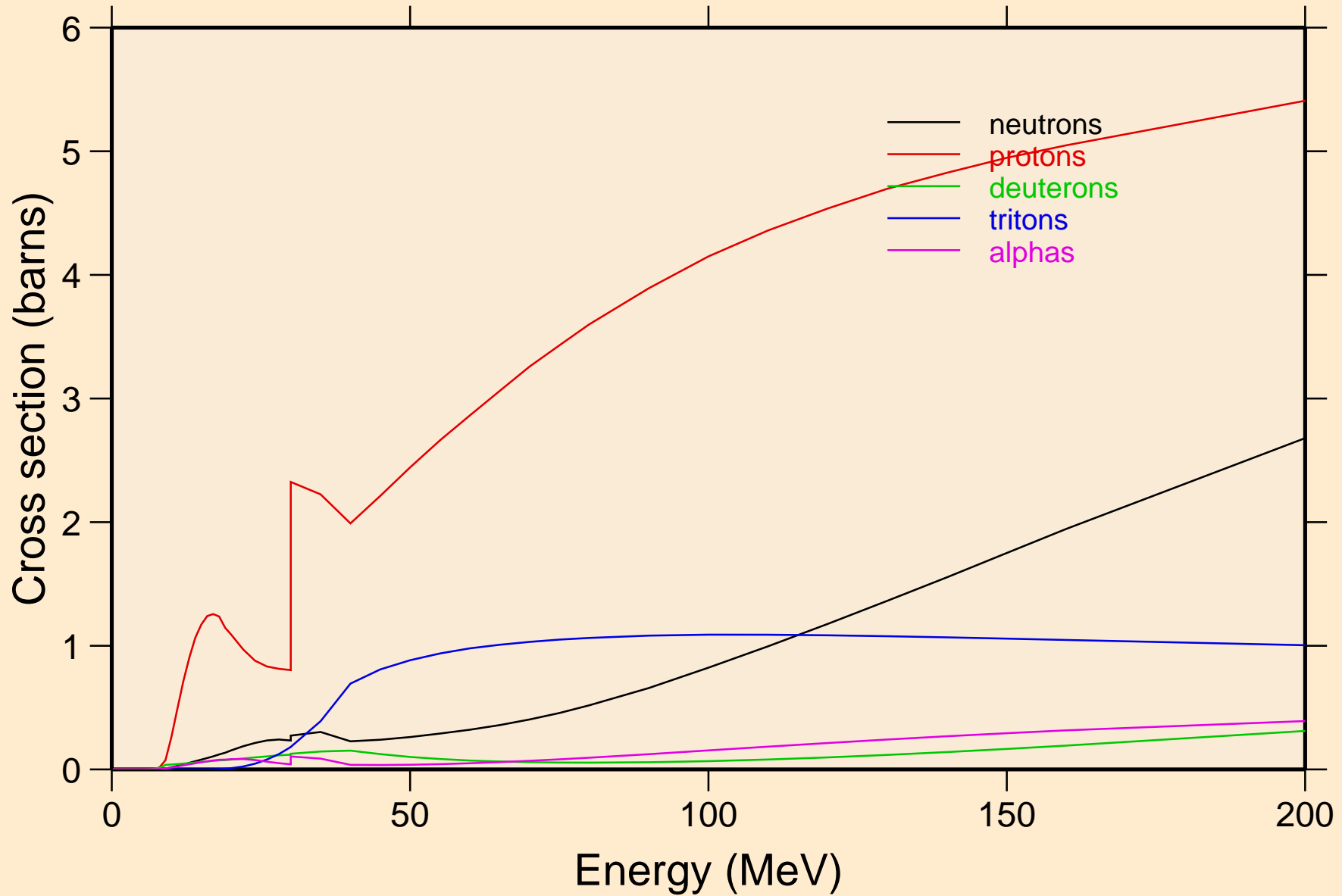


# CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K

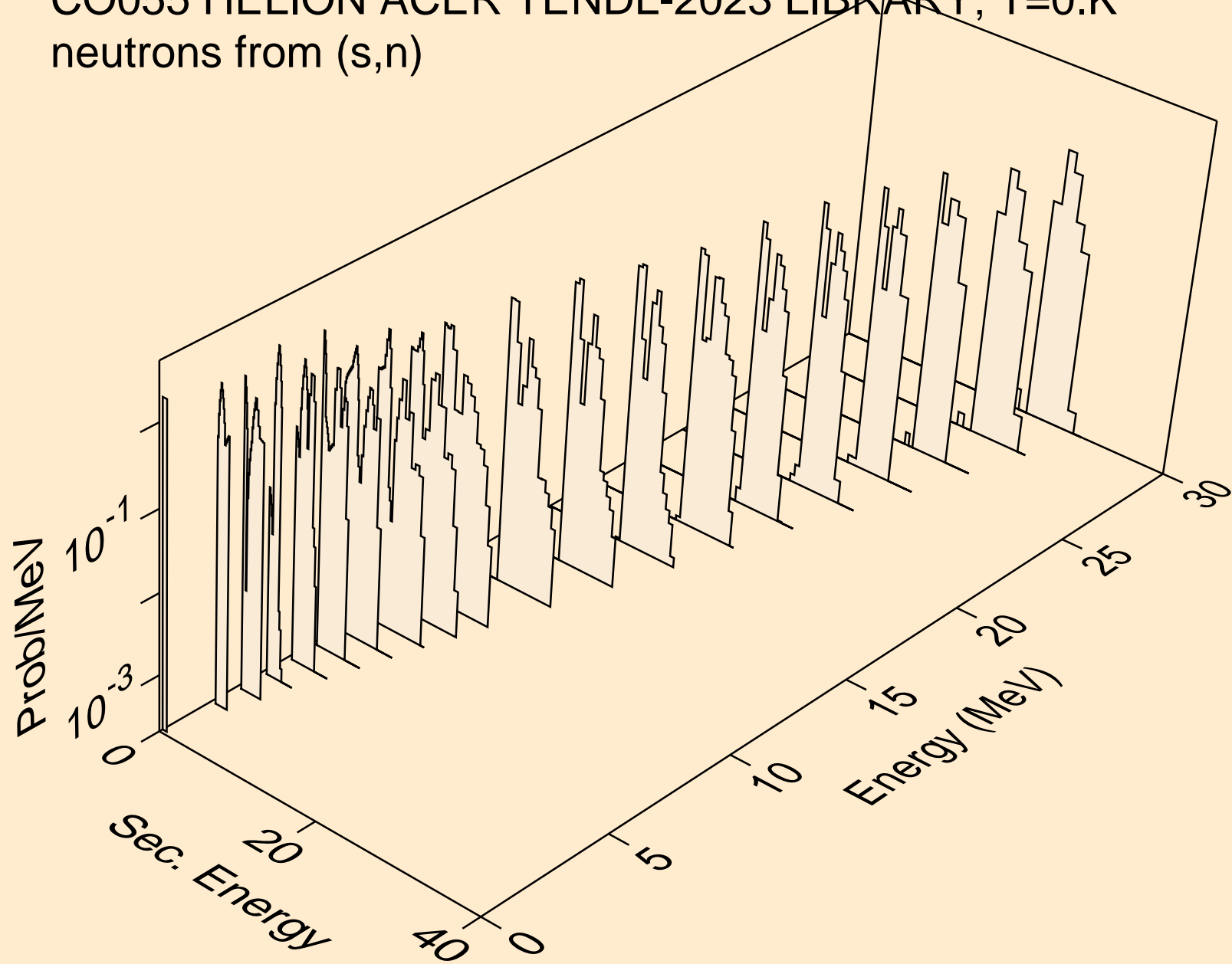
## Recoil Heating



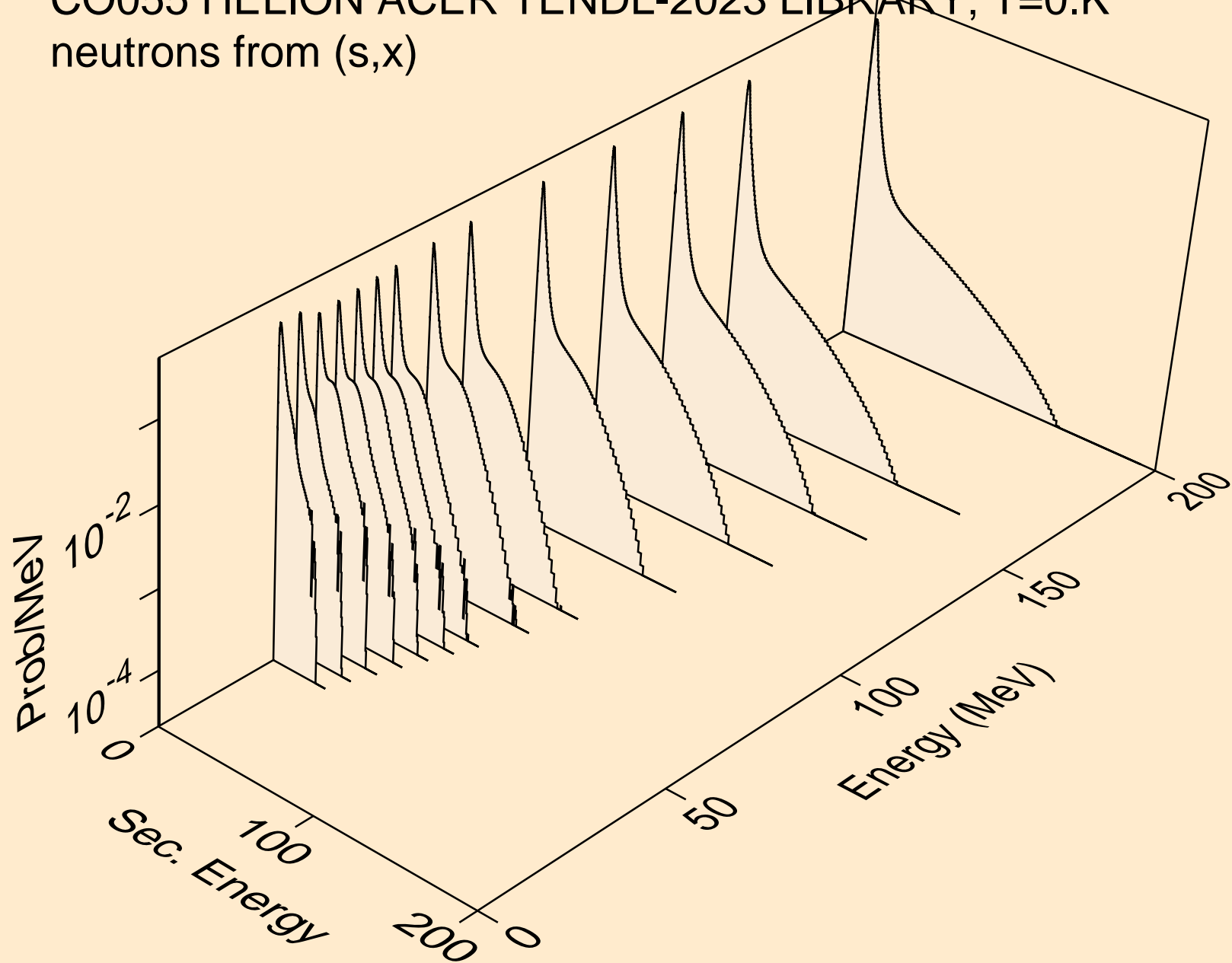
CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



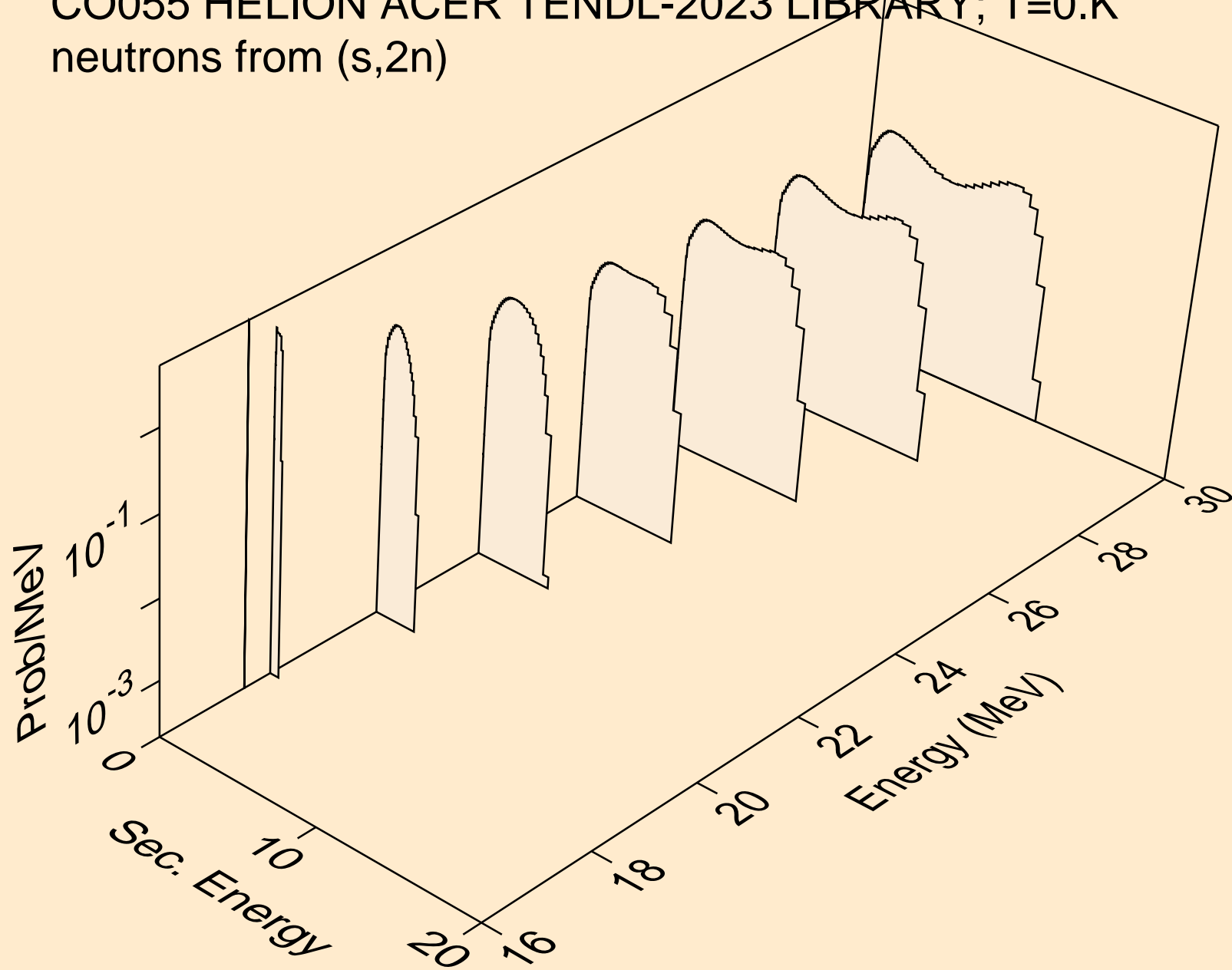
CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n)



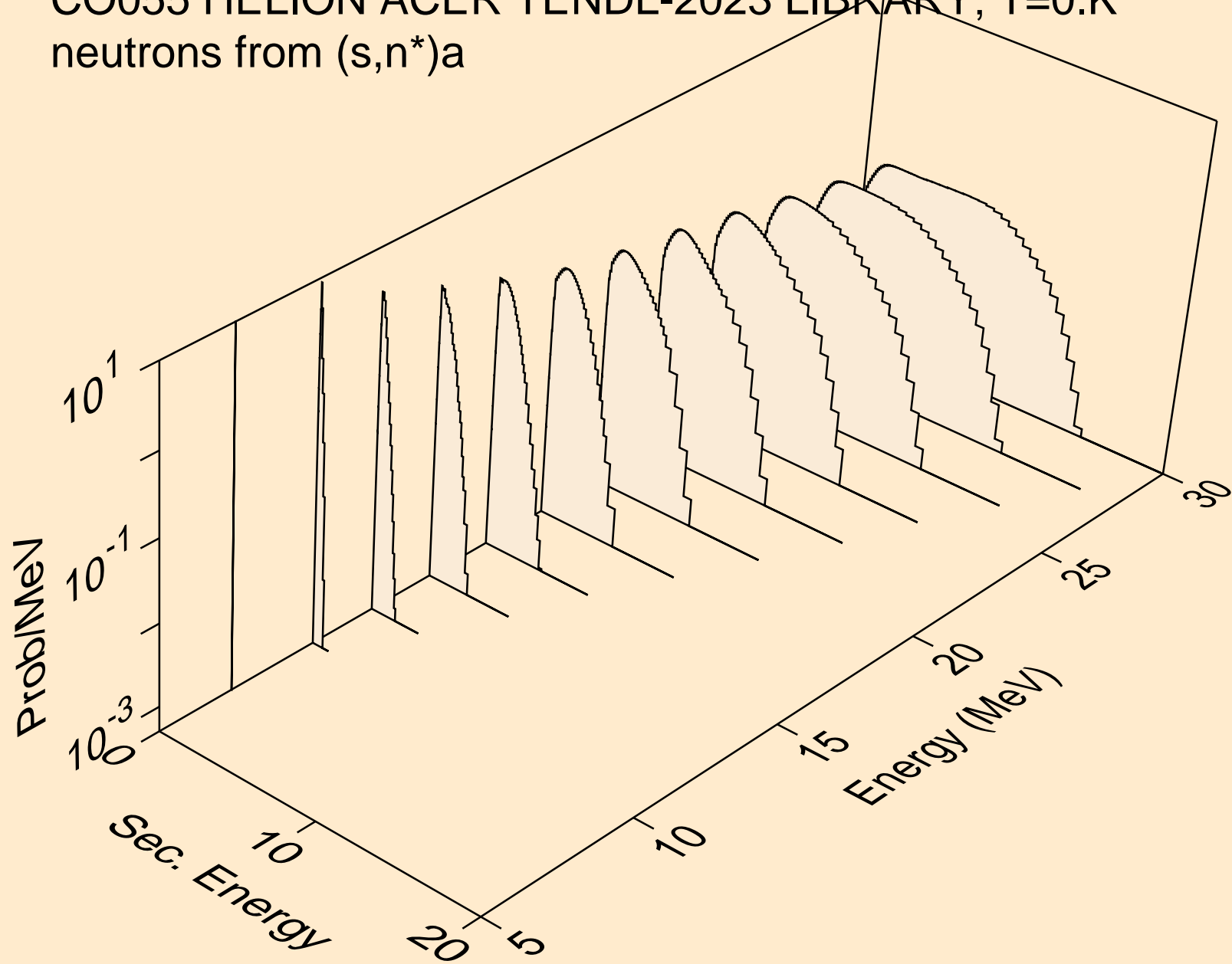
CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,x)



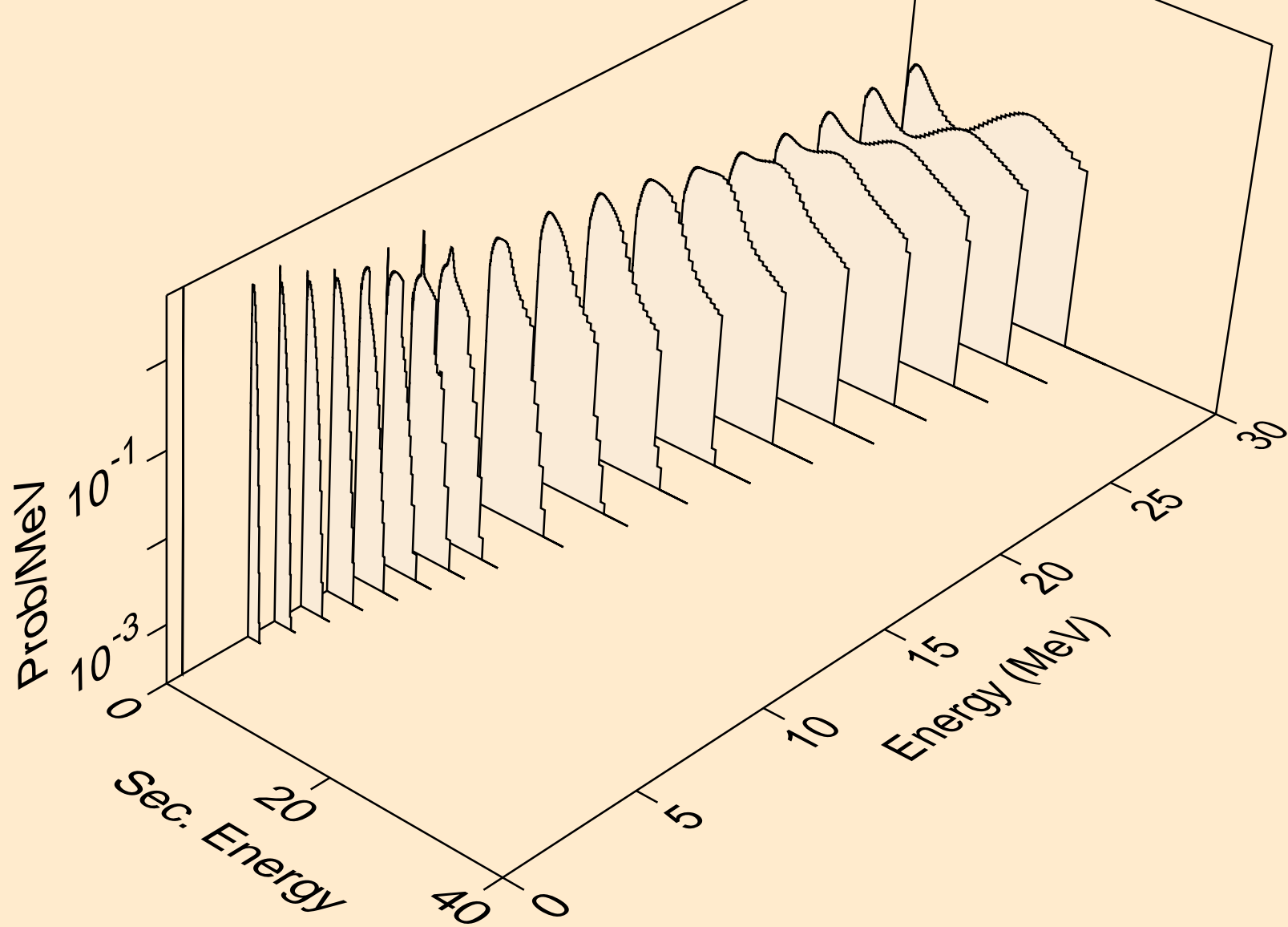
CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)



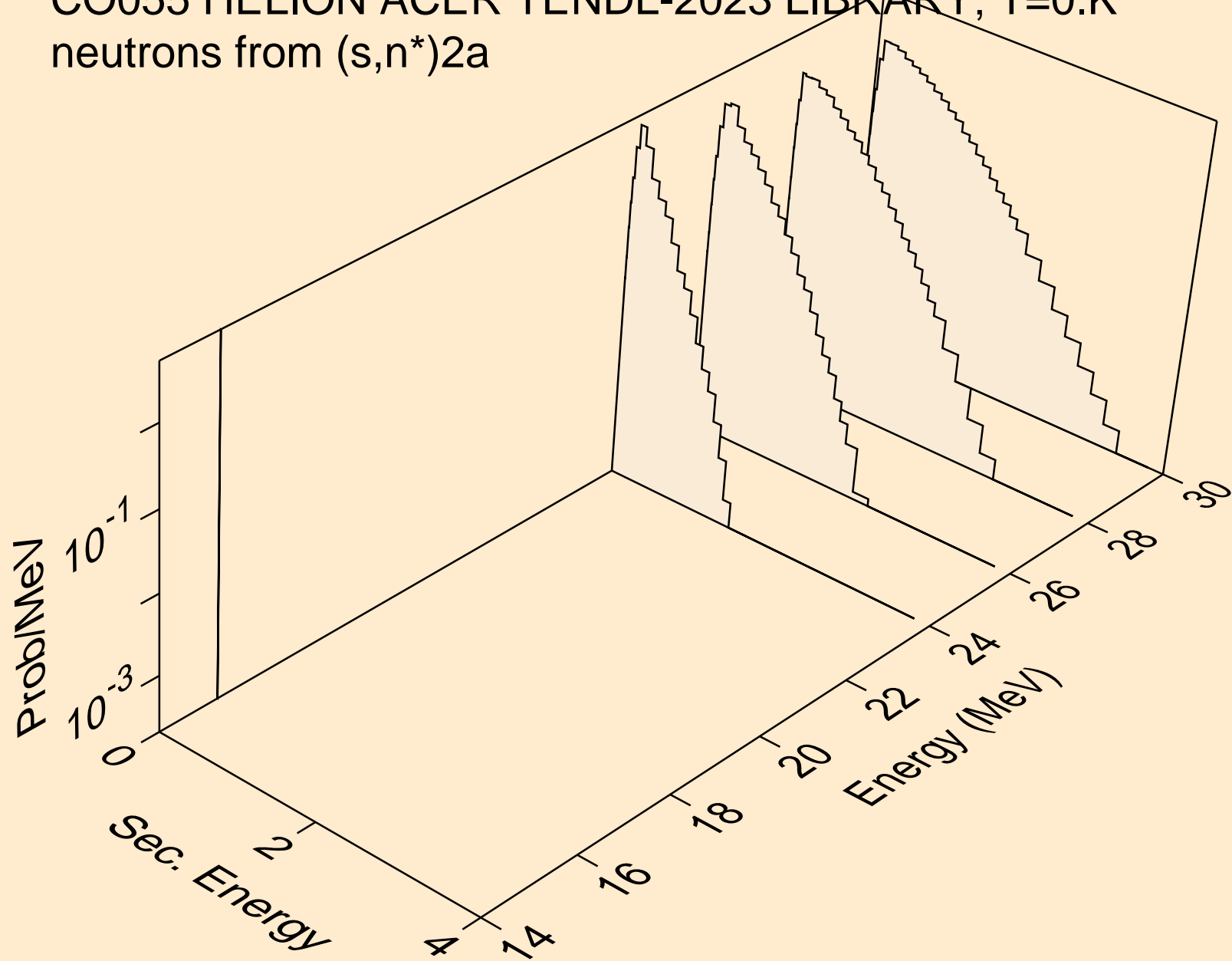
CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)a



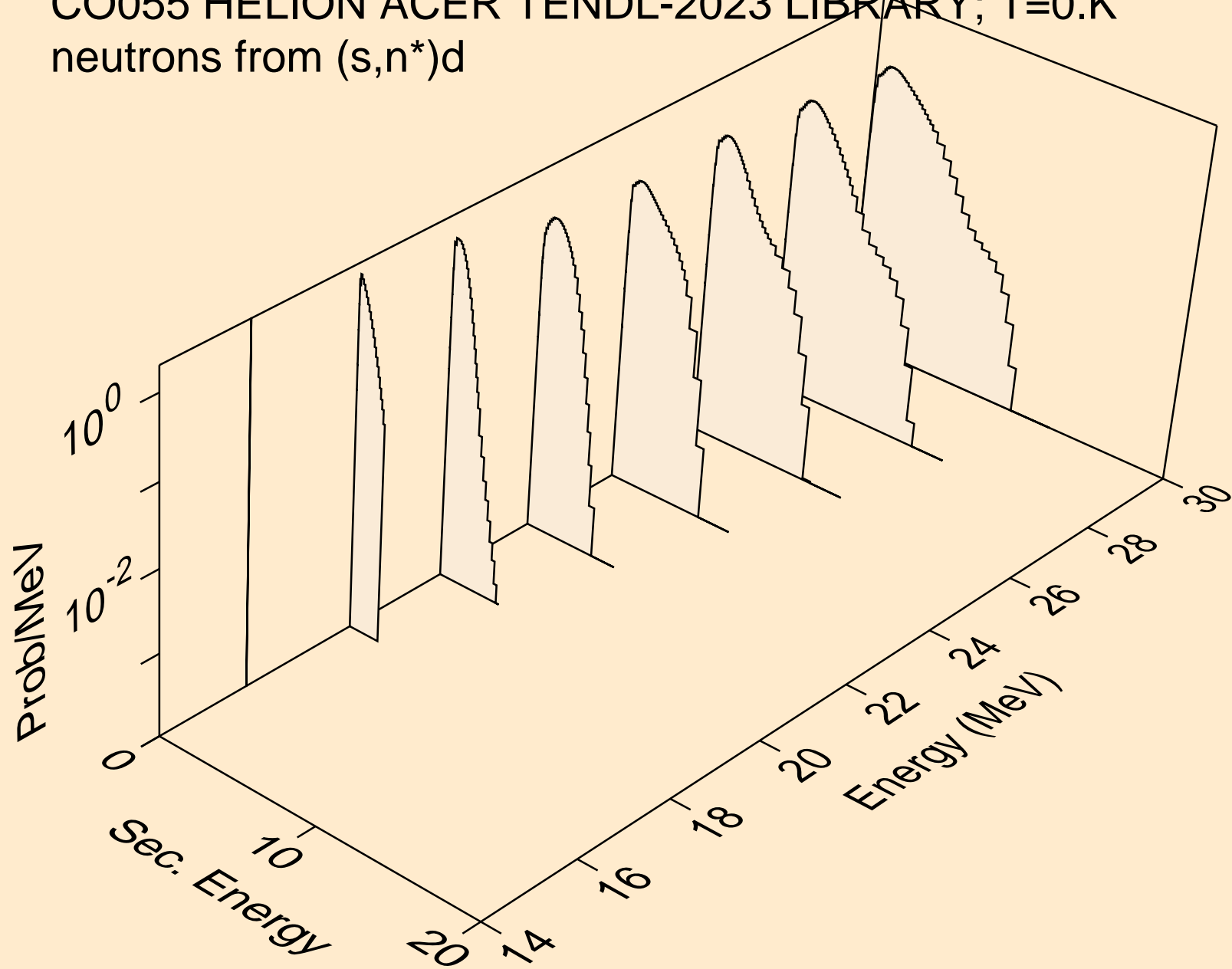
CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)p



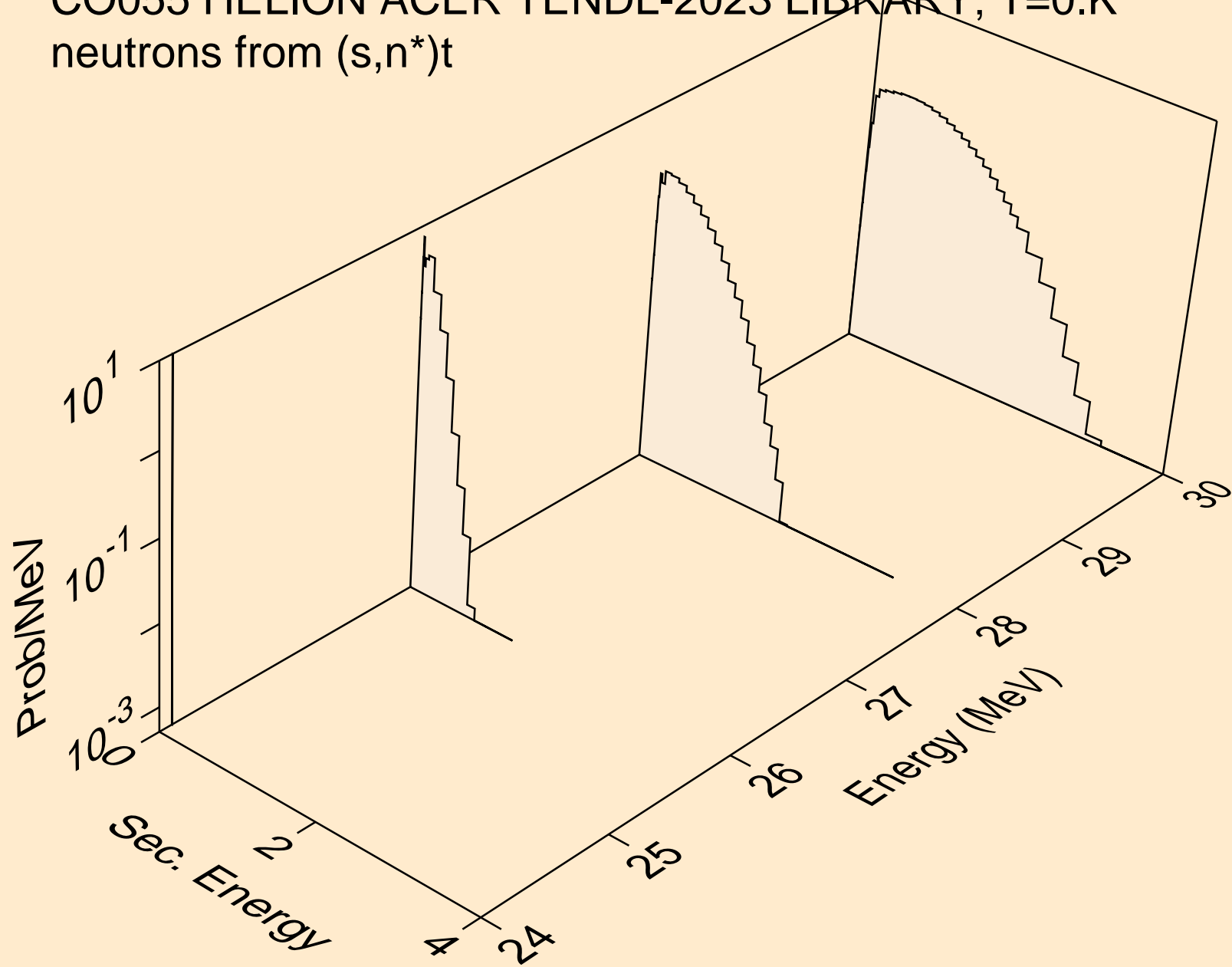
CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)2a



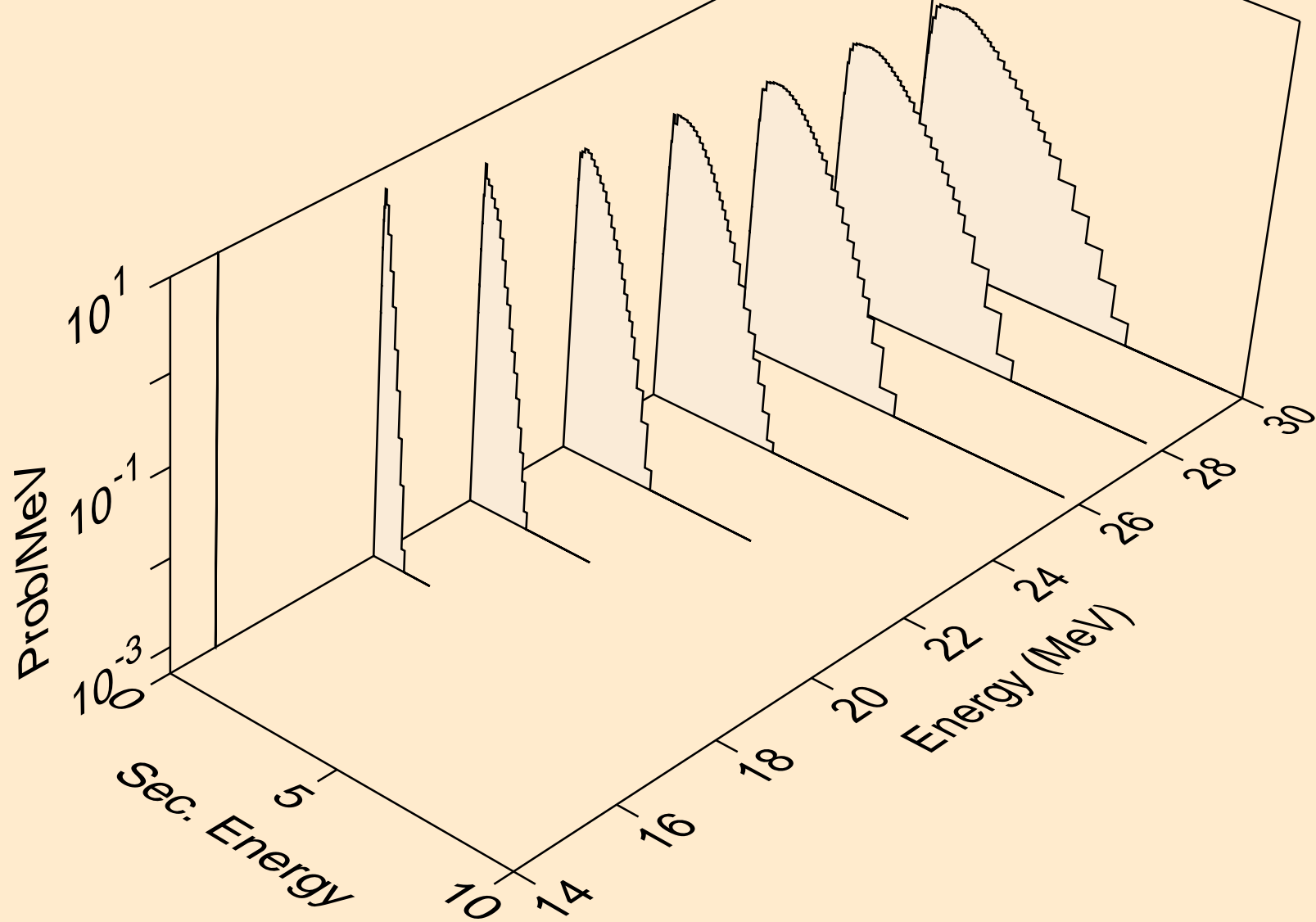
CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)d



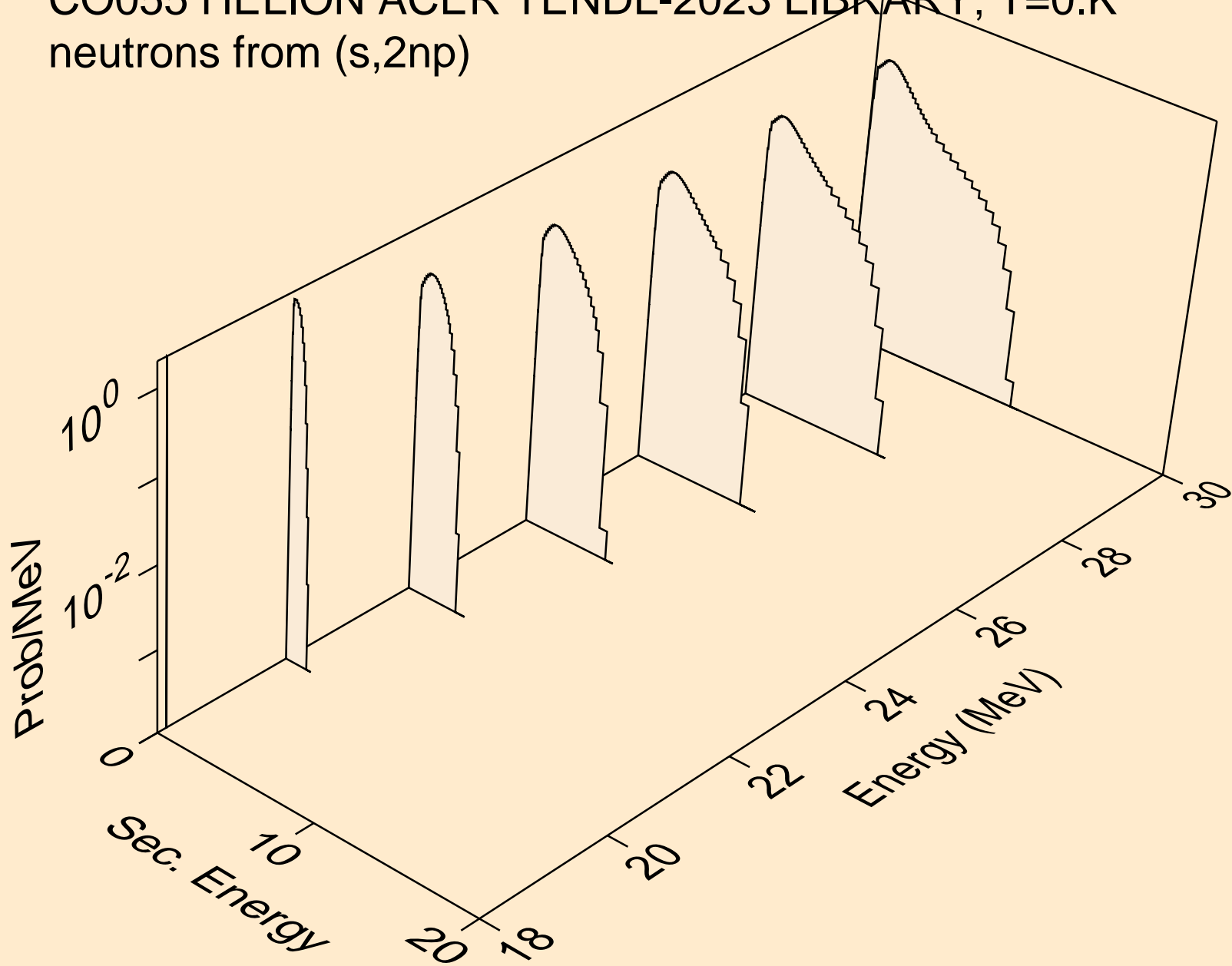
CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)t



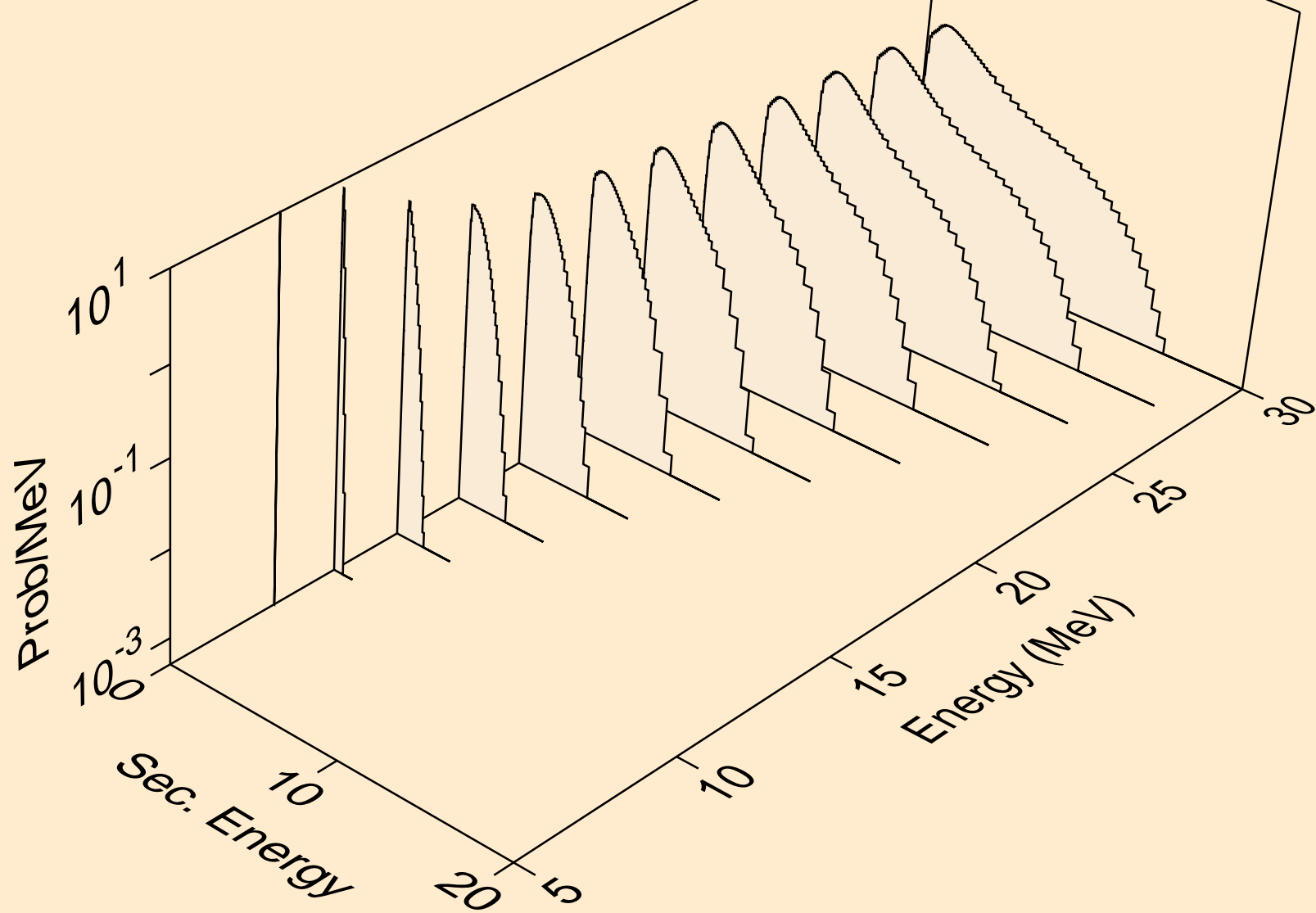
CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



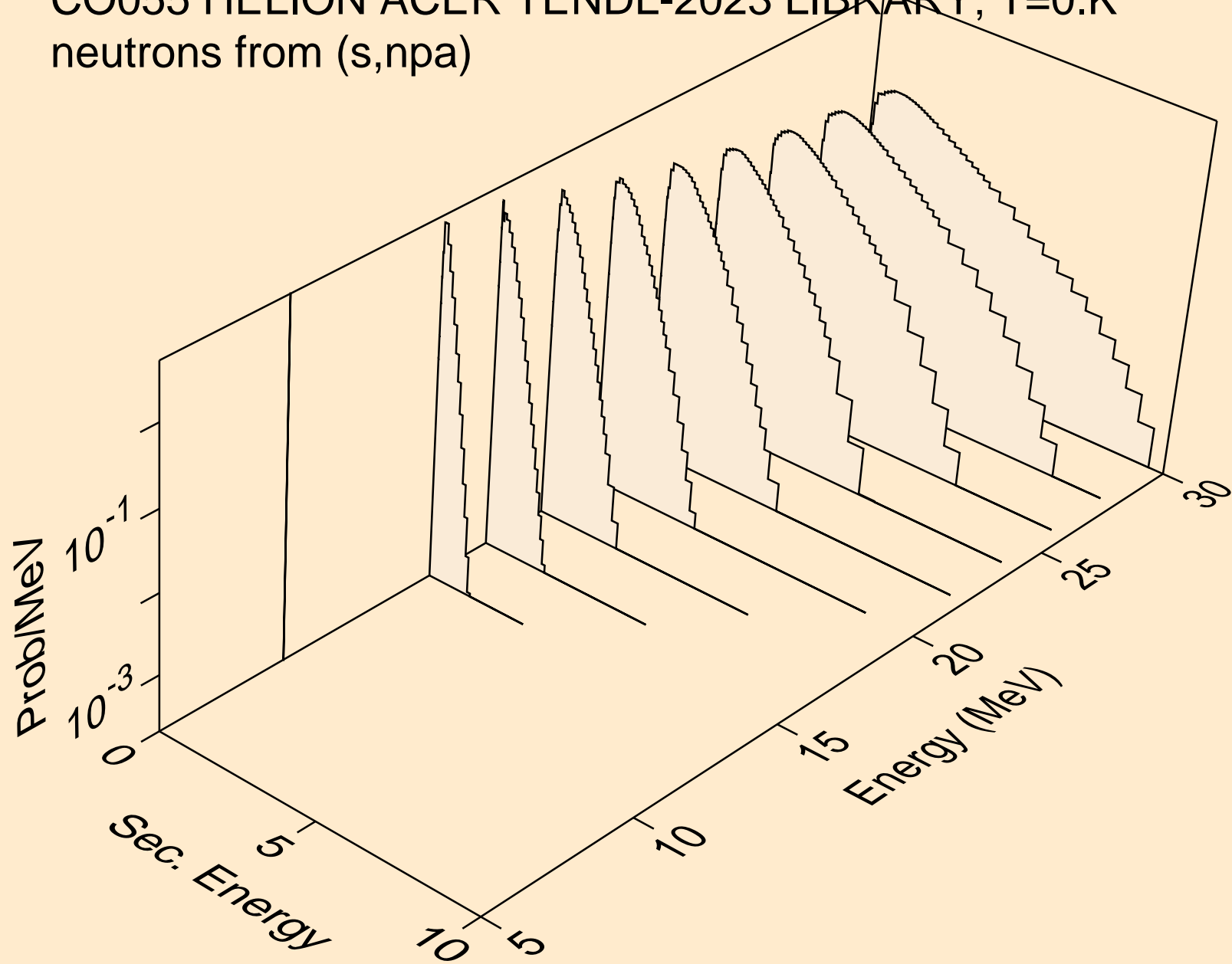
CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2np)



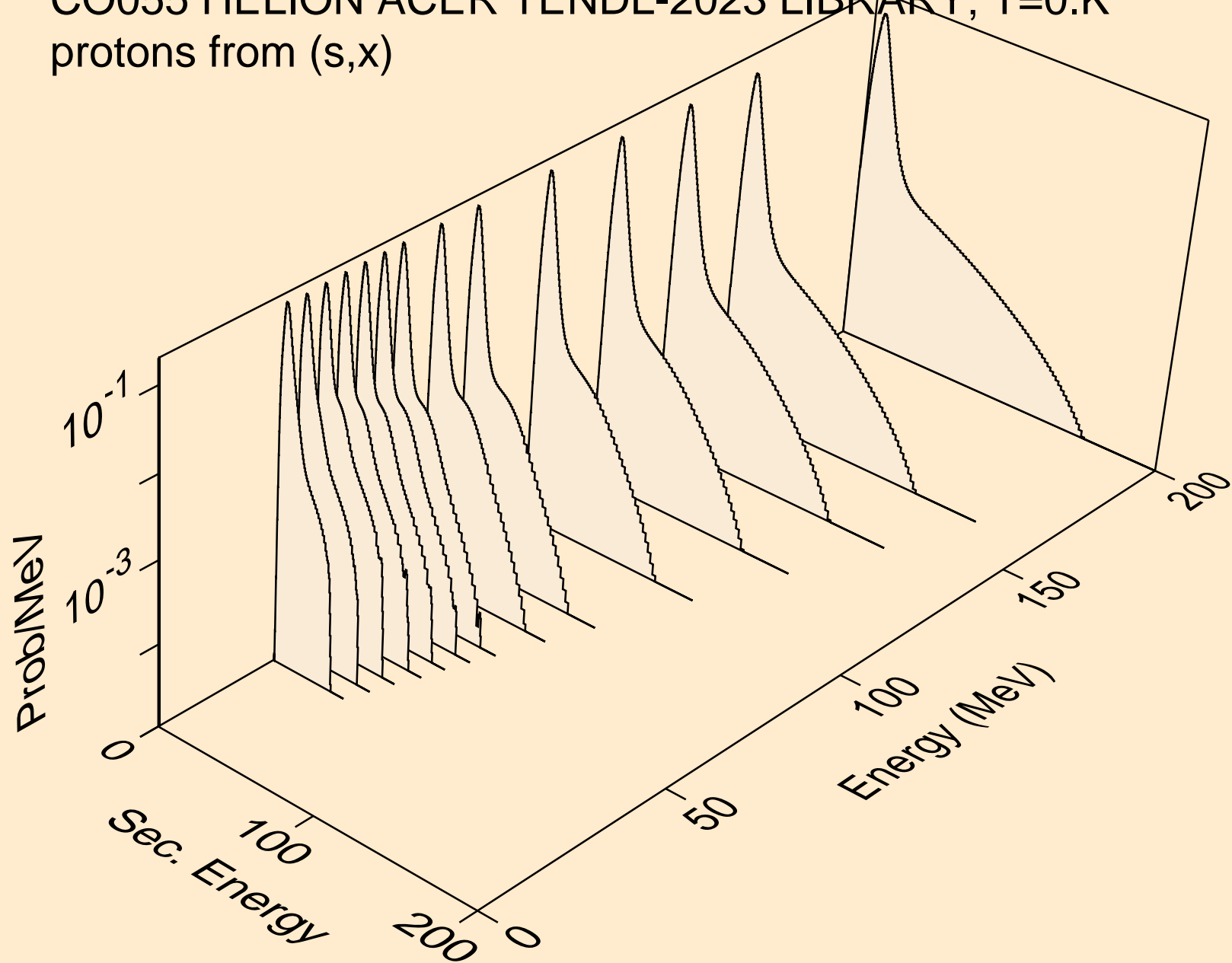
CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n2p)



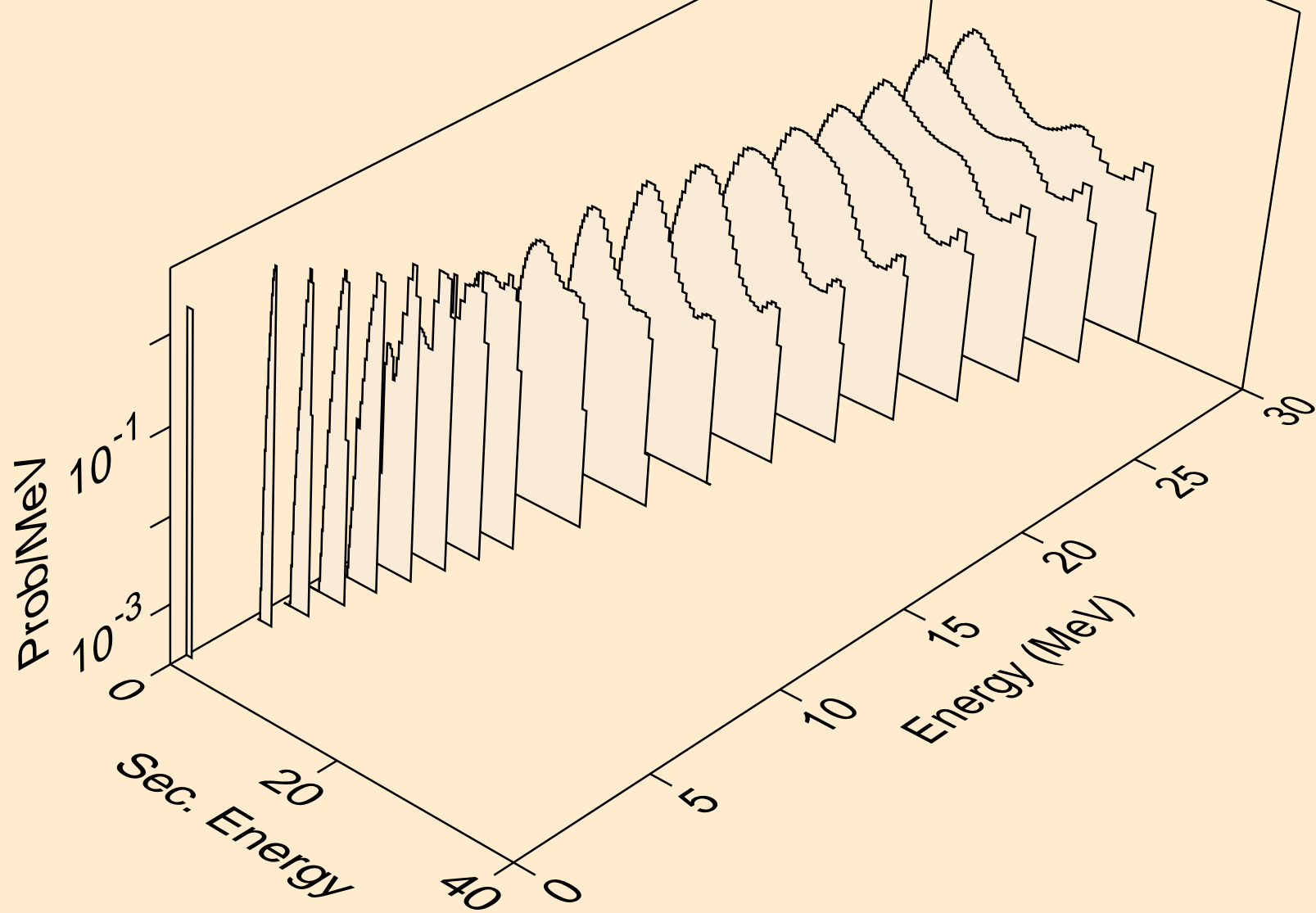
CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,npa)



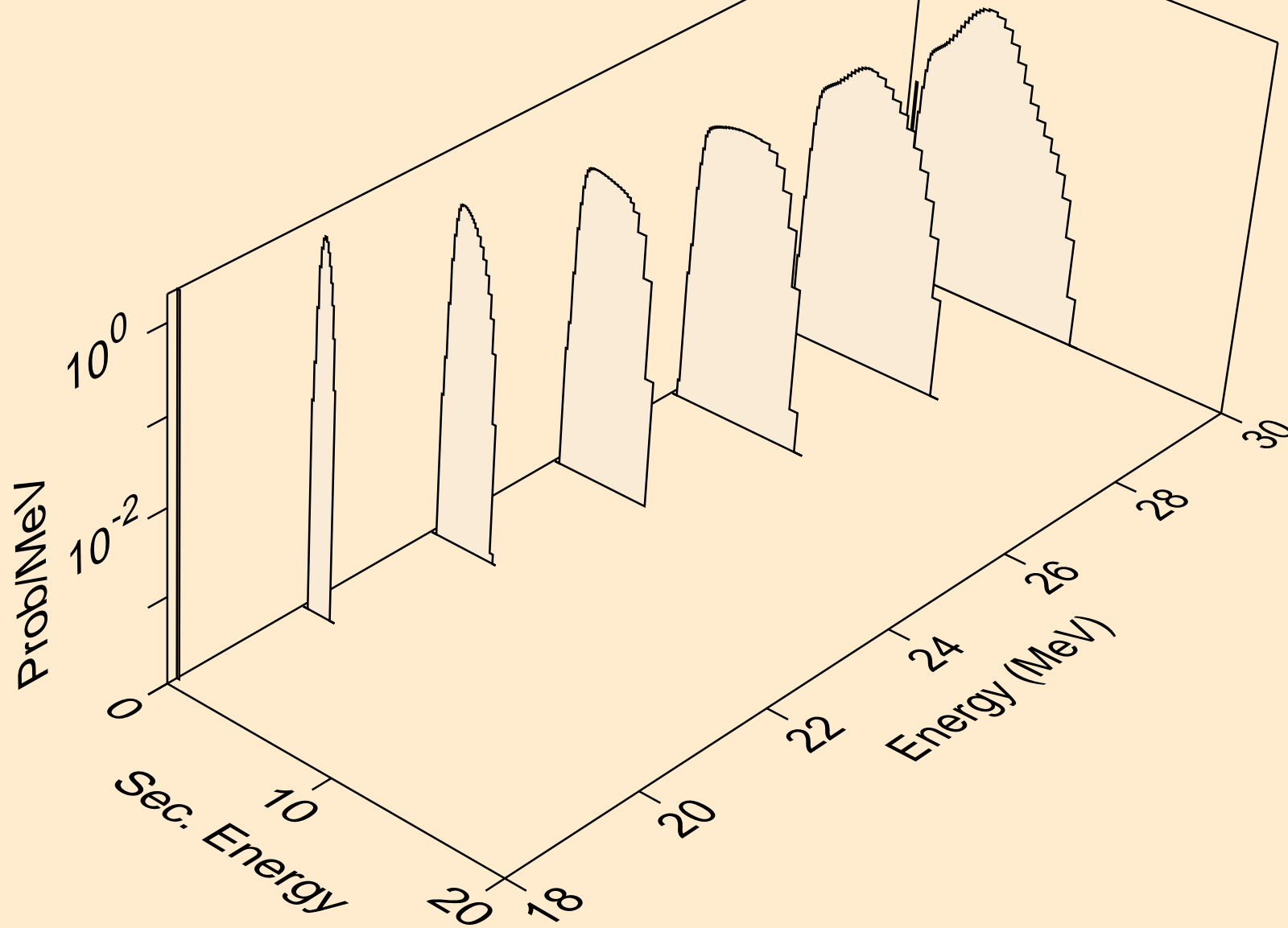
CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,x)



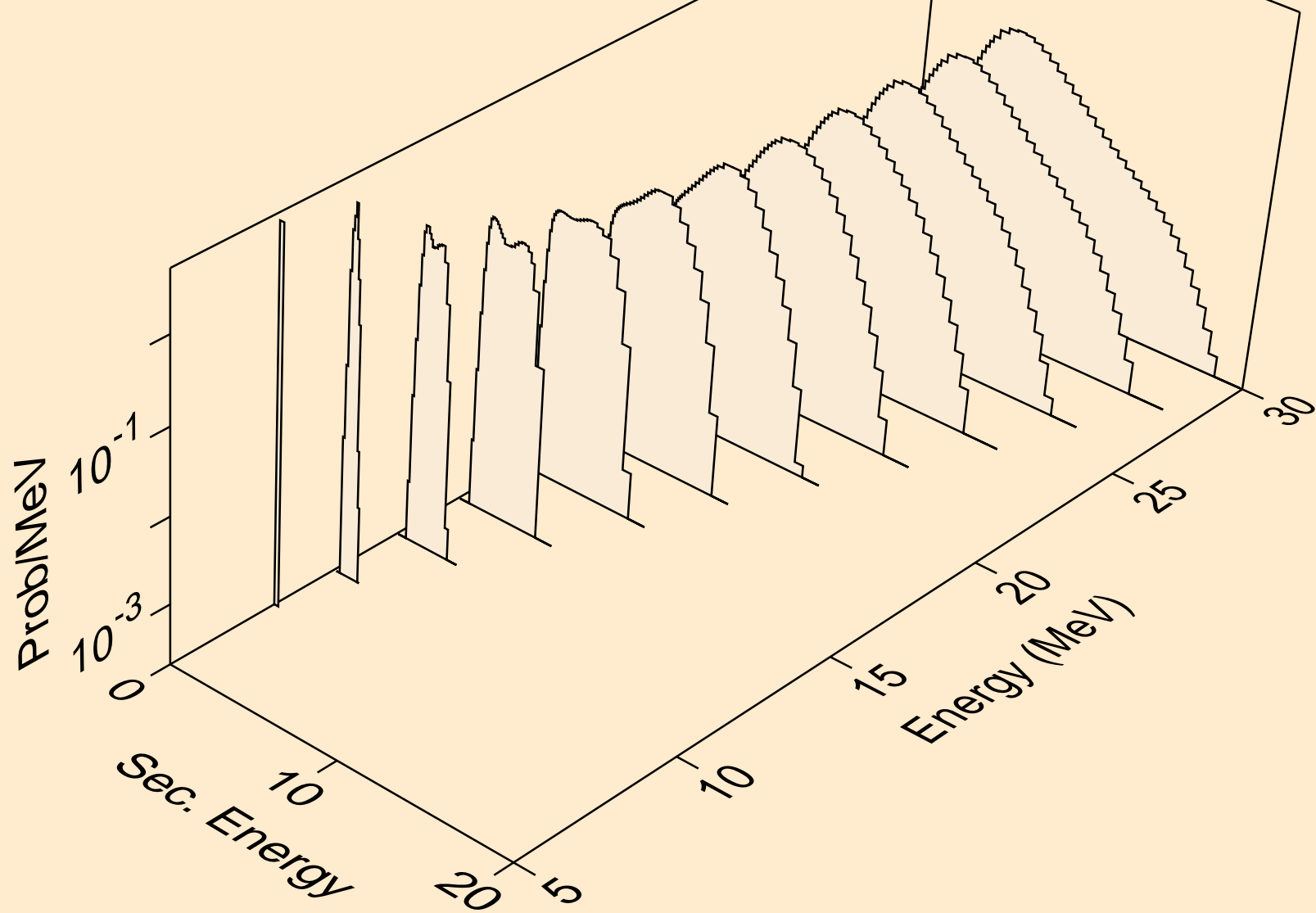
CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,n\*)p



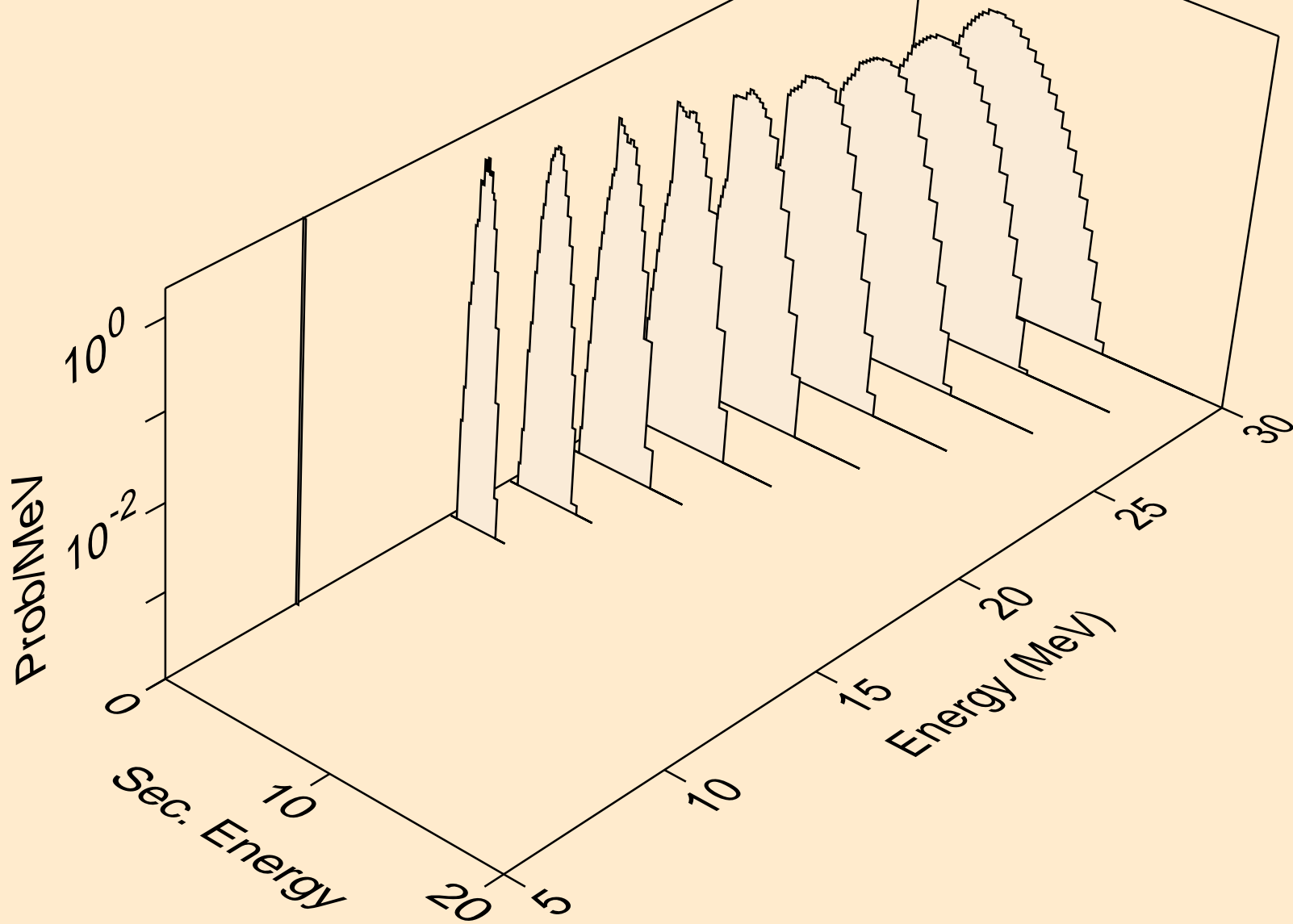
CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,2np)



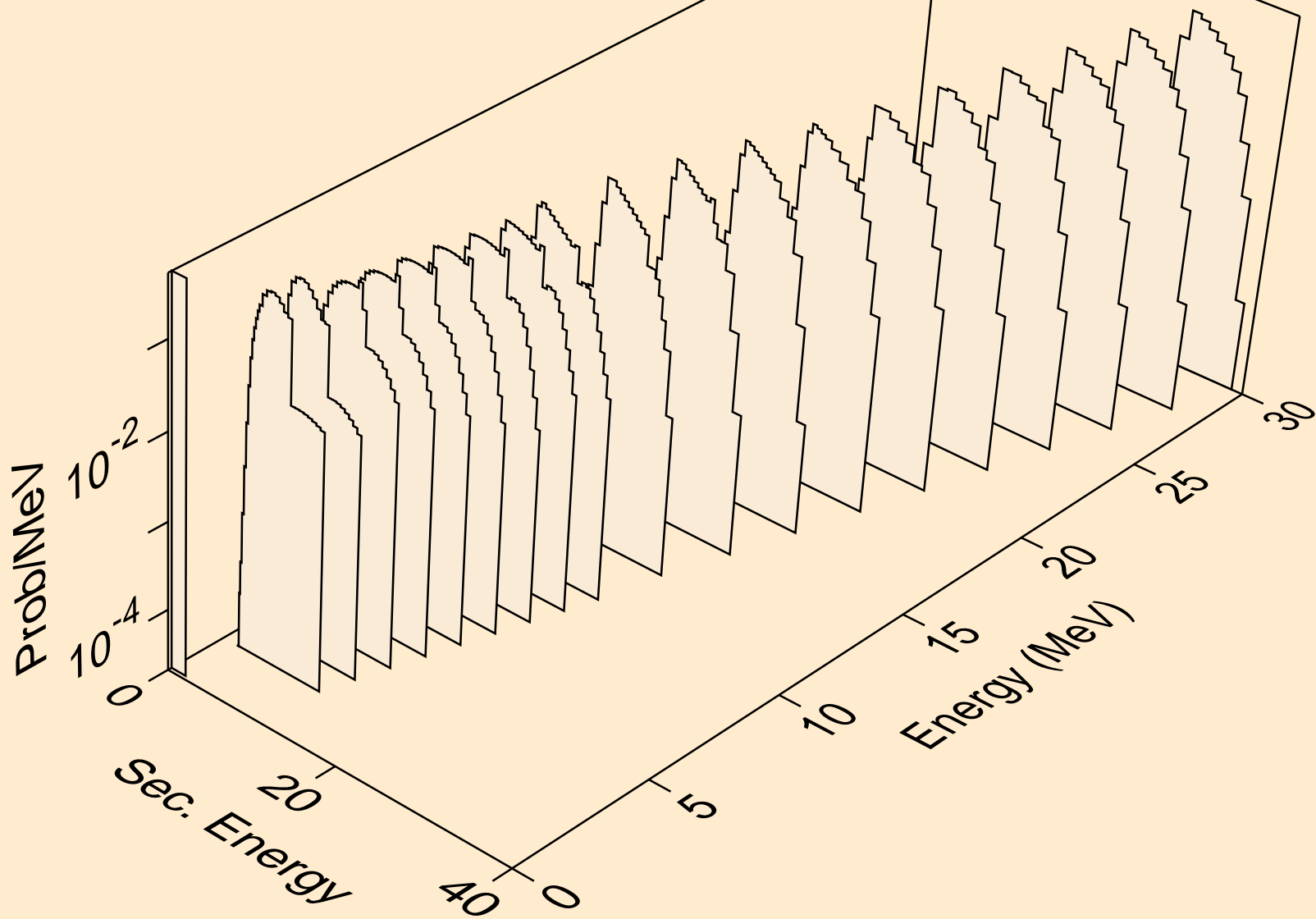
CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,n2p)



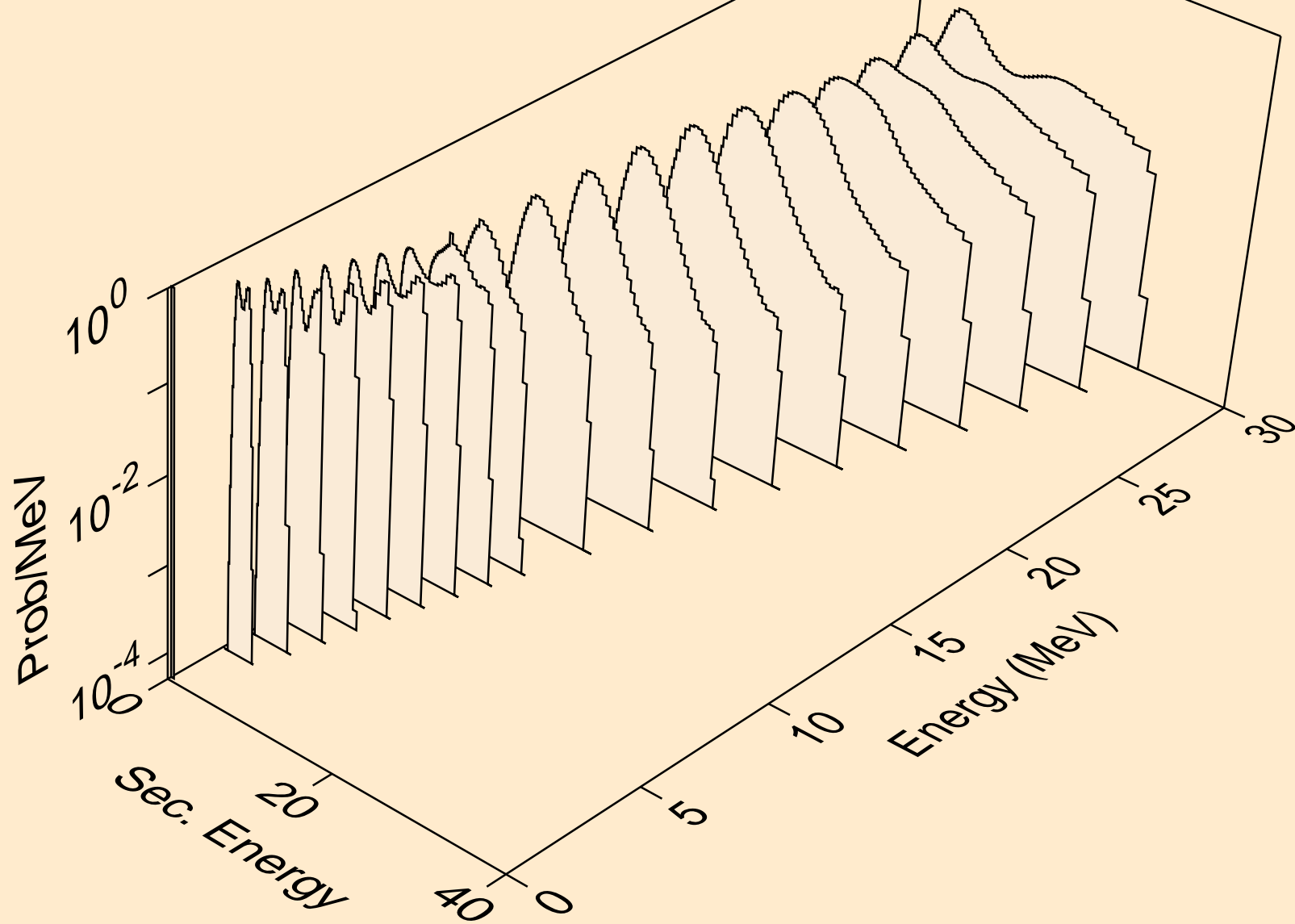
CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,npa)



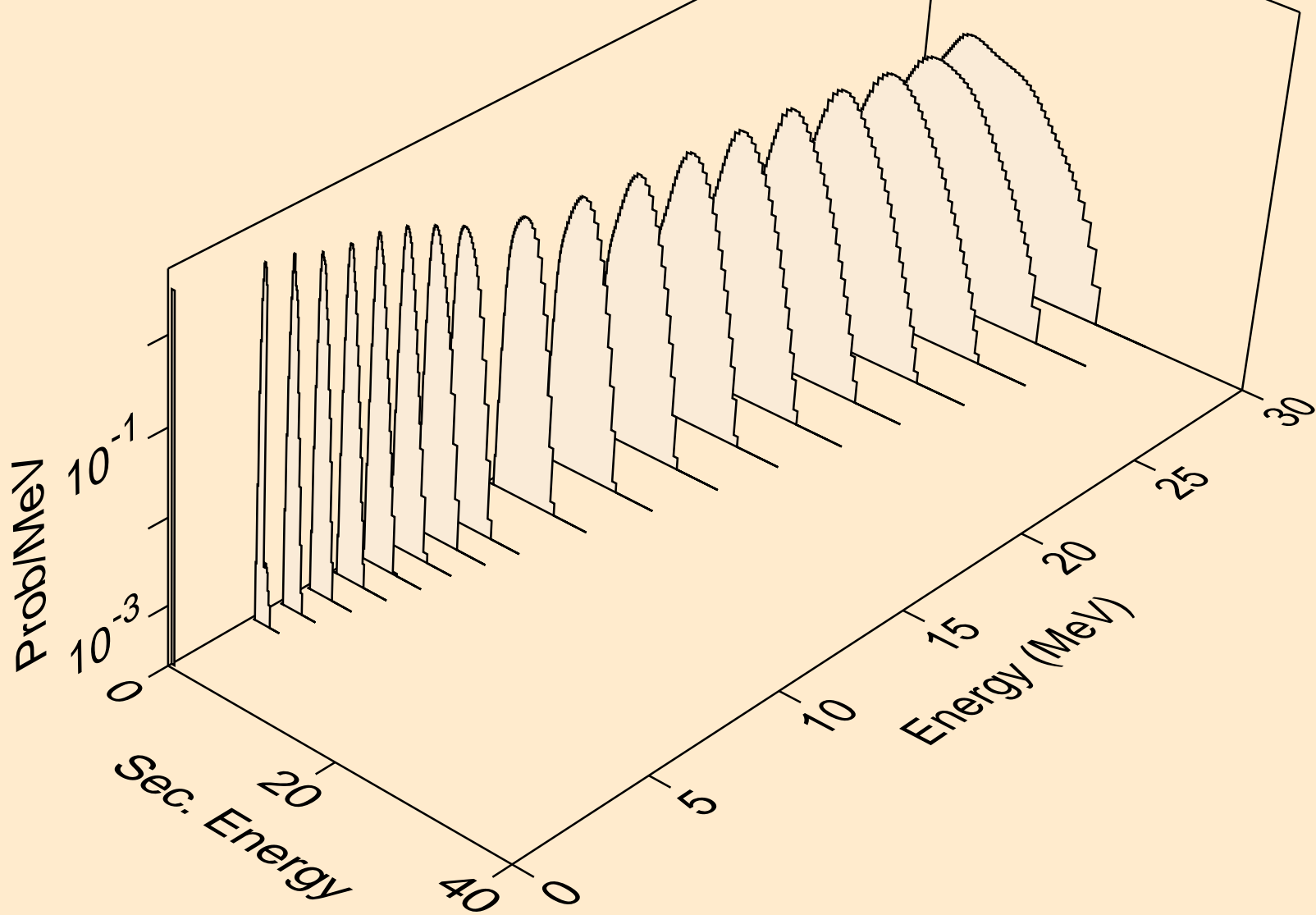
CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,p)



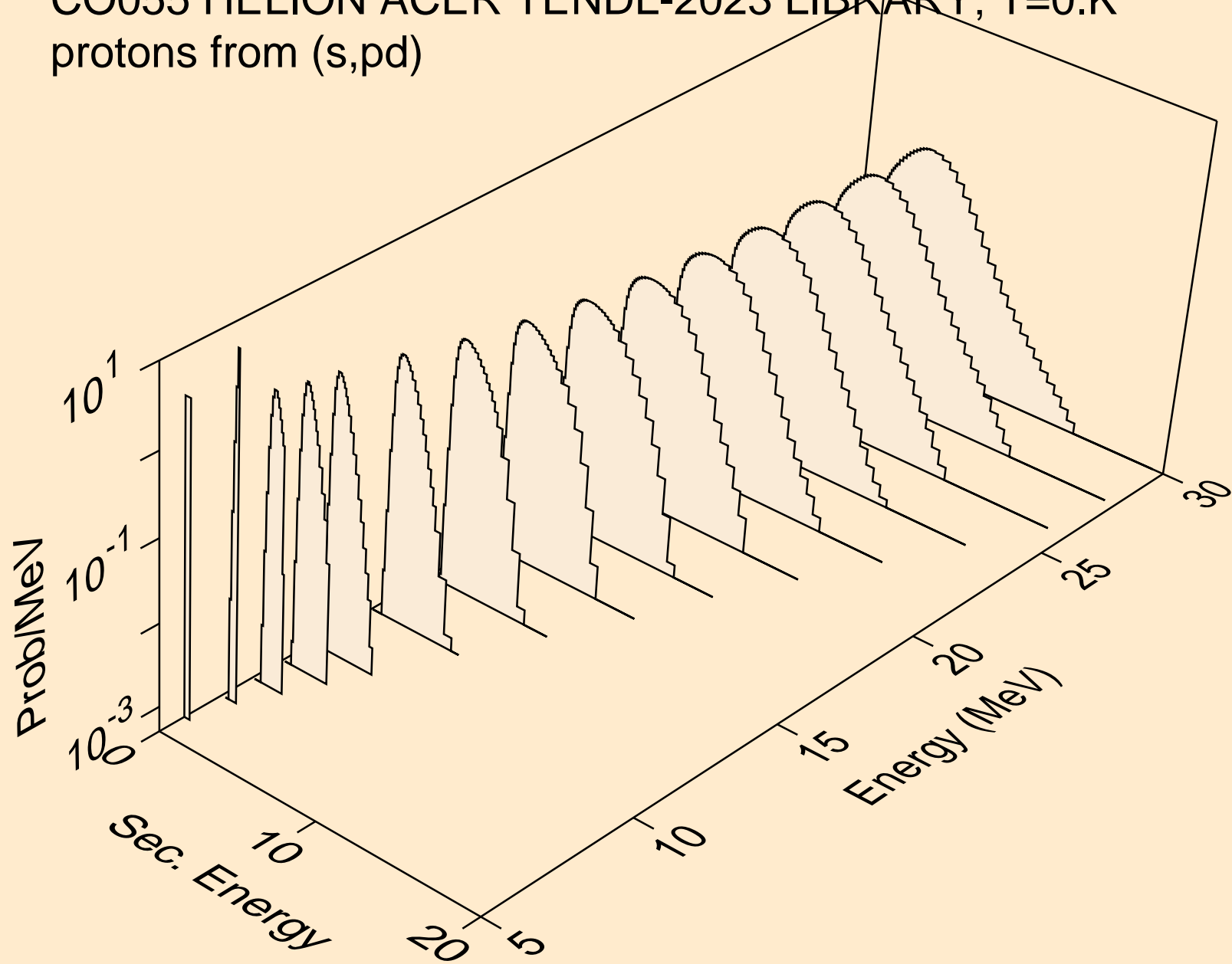
CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,2p)



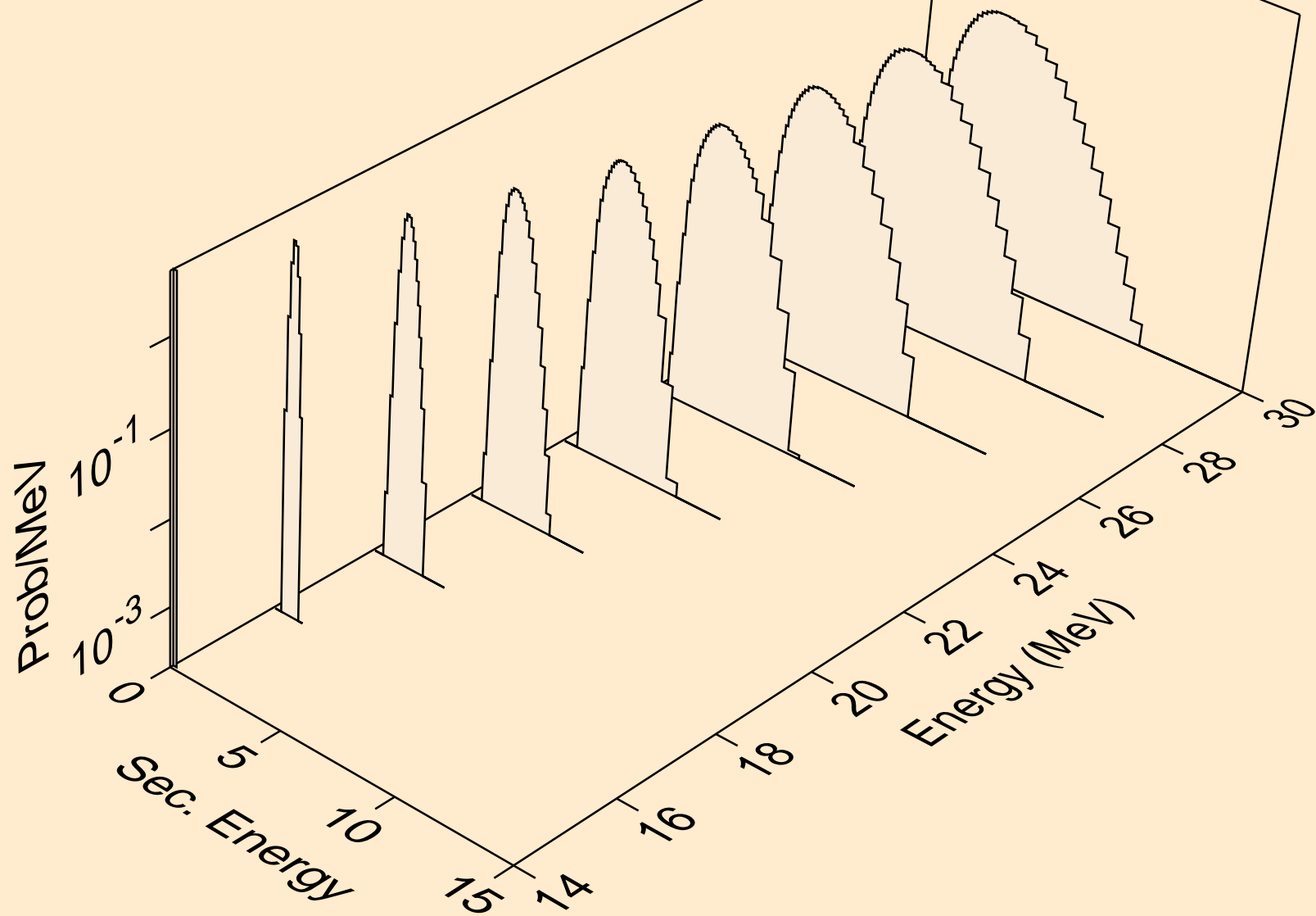
CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pa)



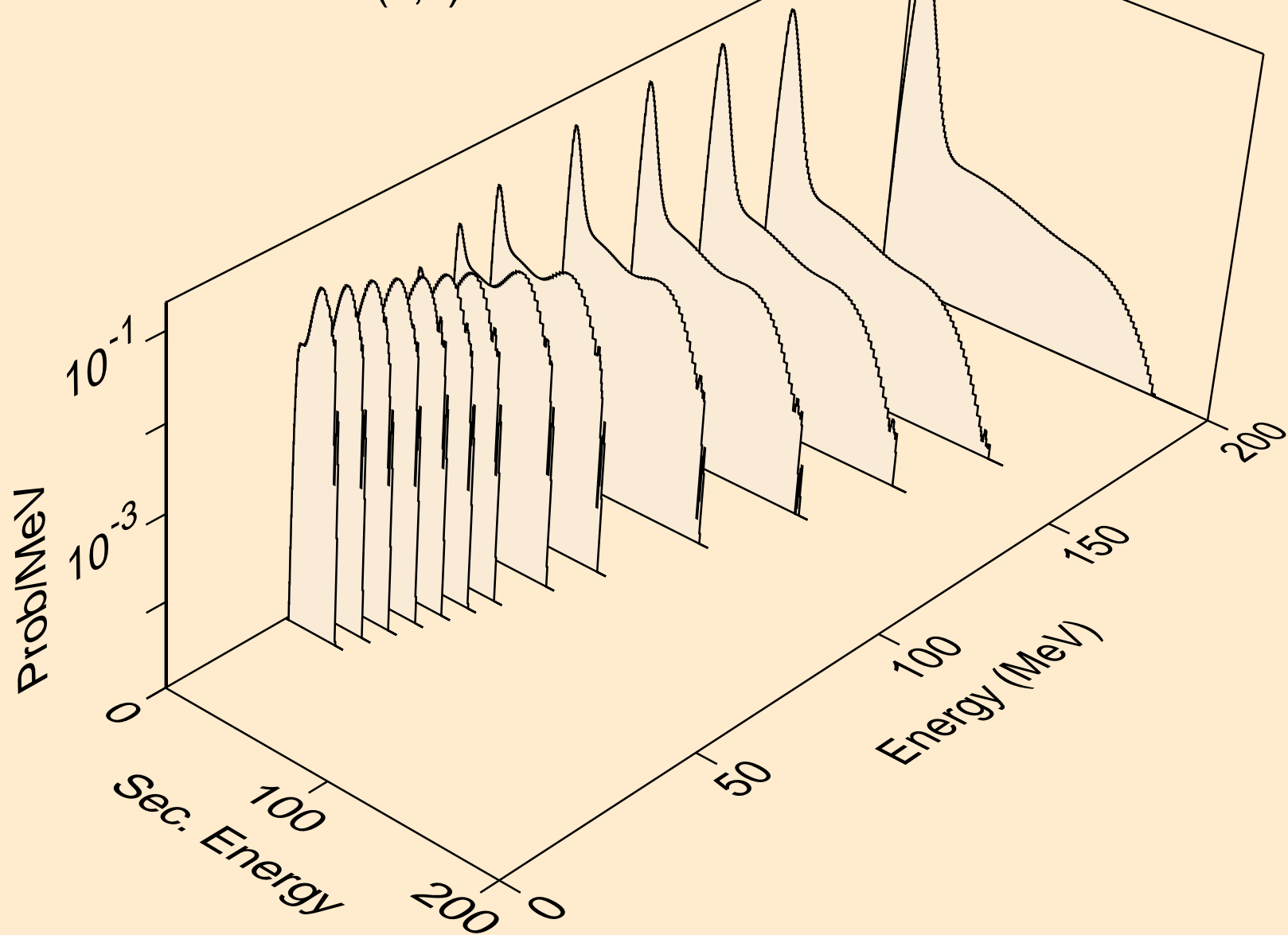
CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pd)



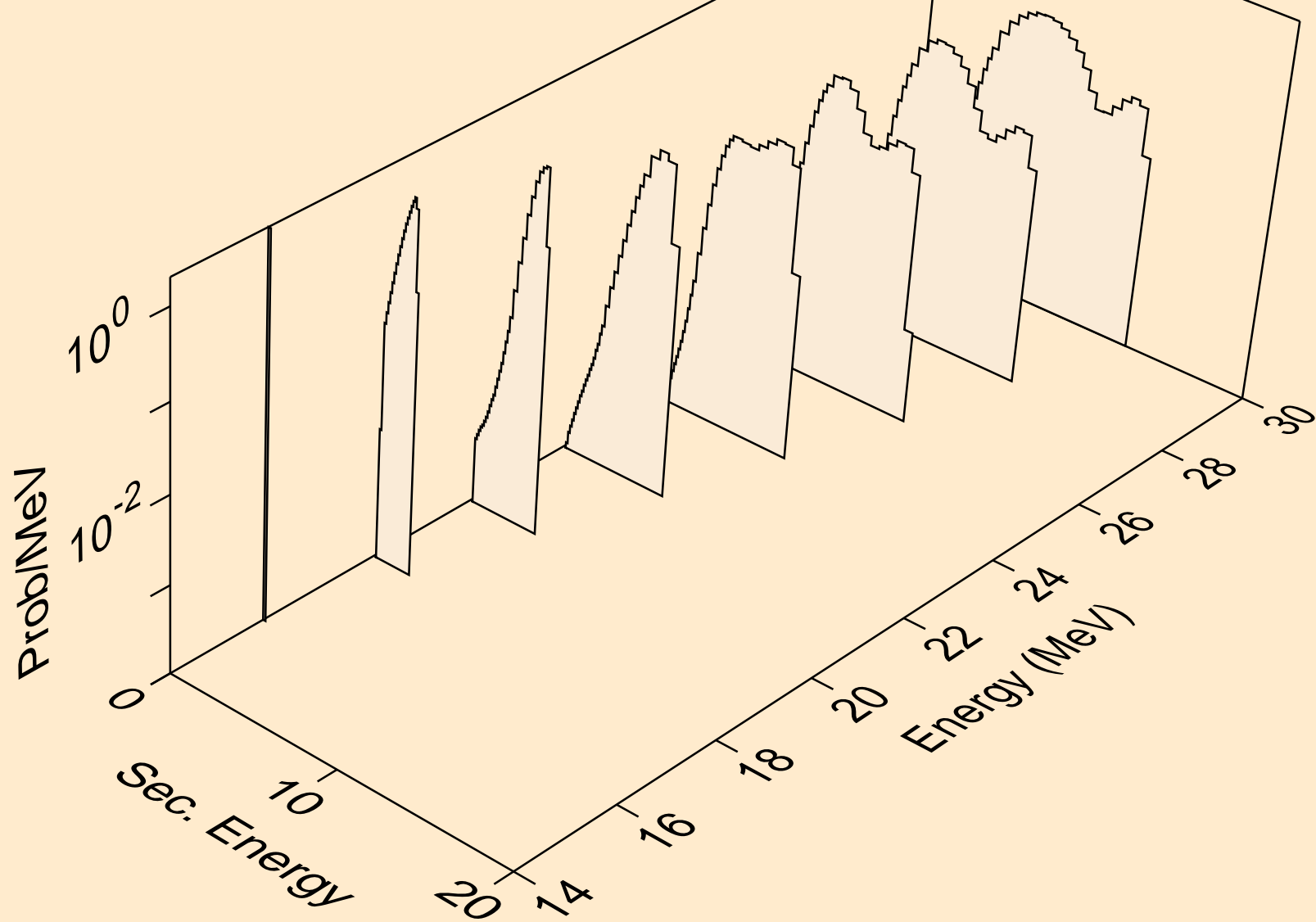
CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pt)



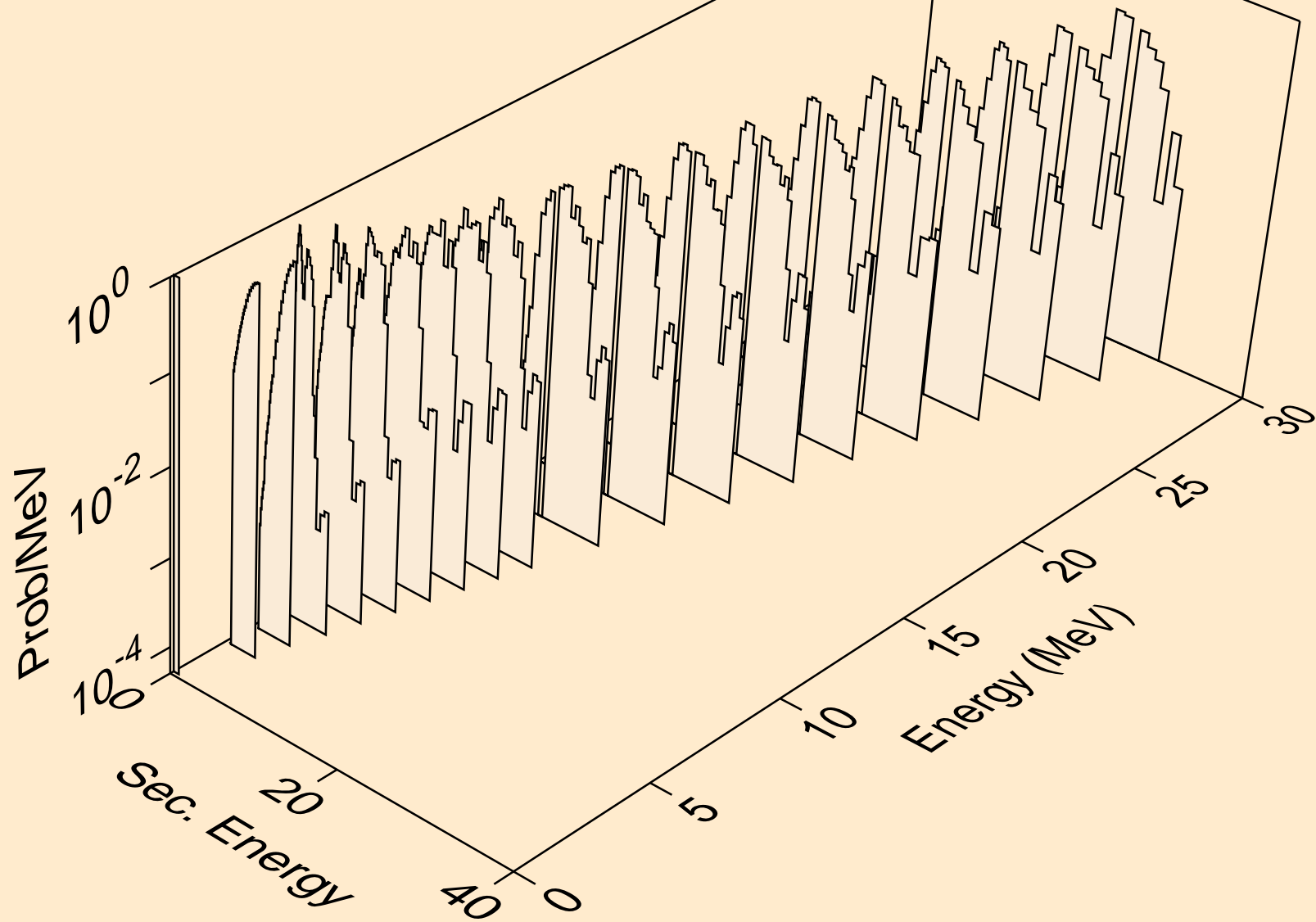
CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,x)



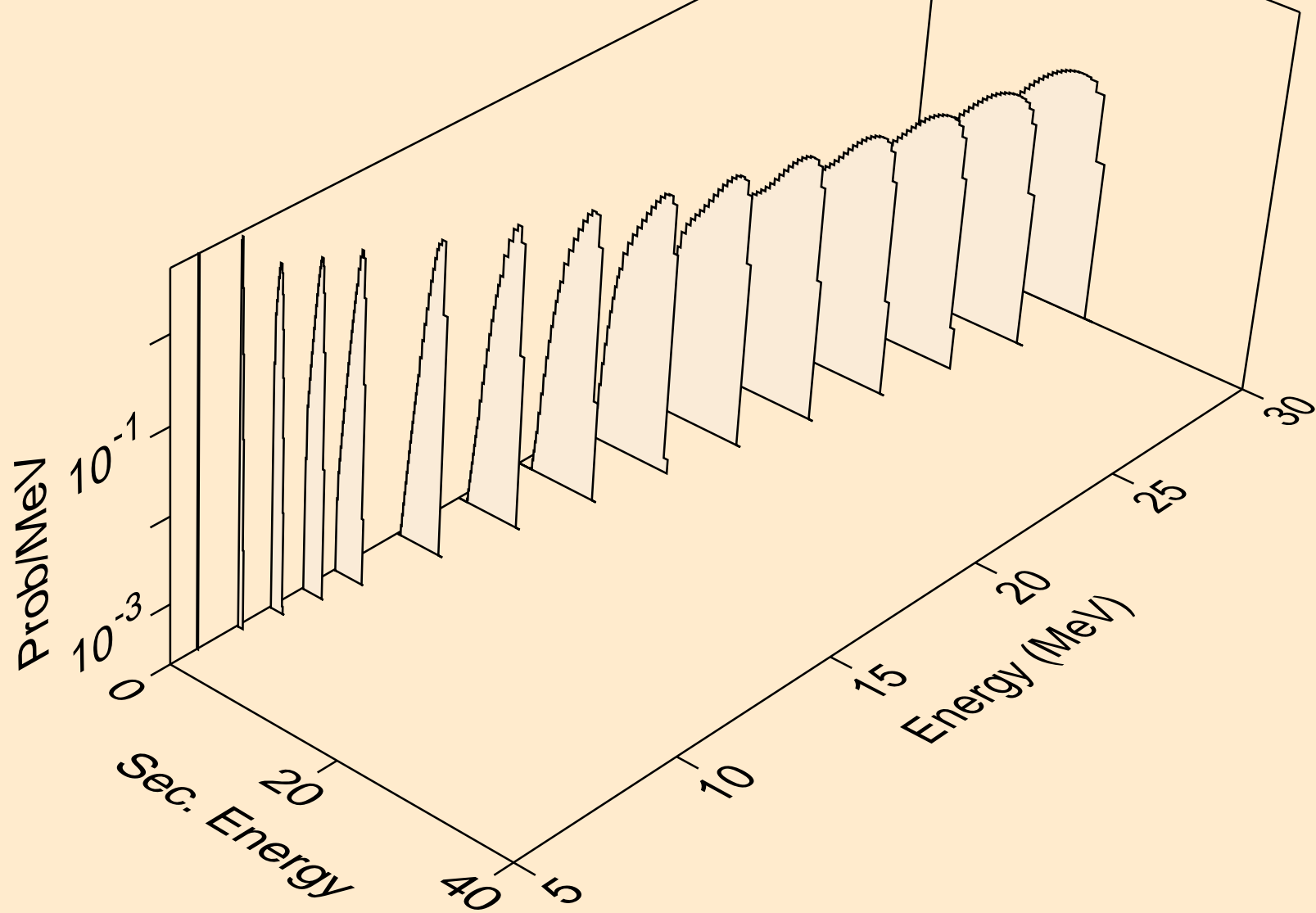
CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,n\*)d



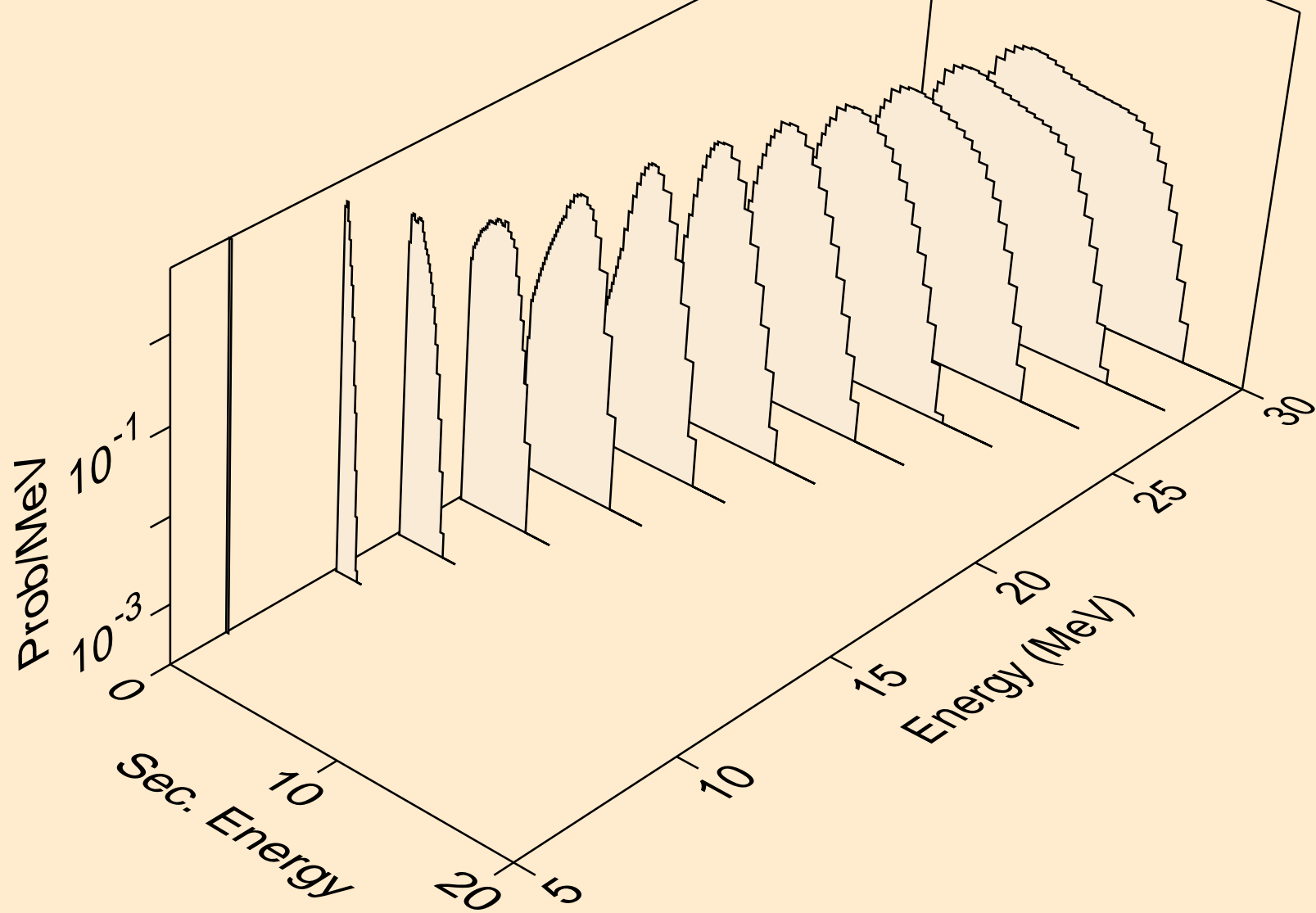
CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,d)



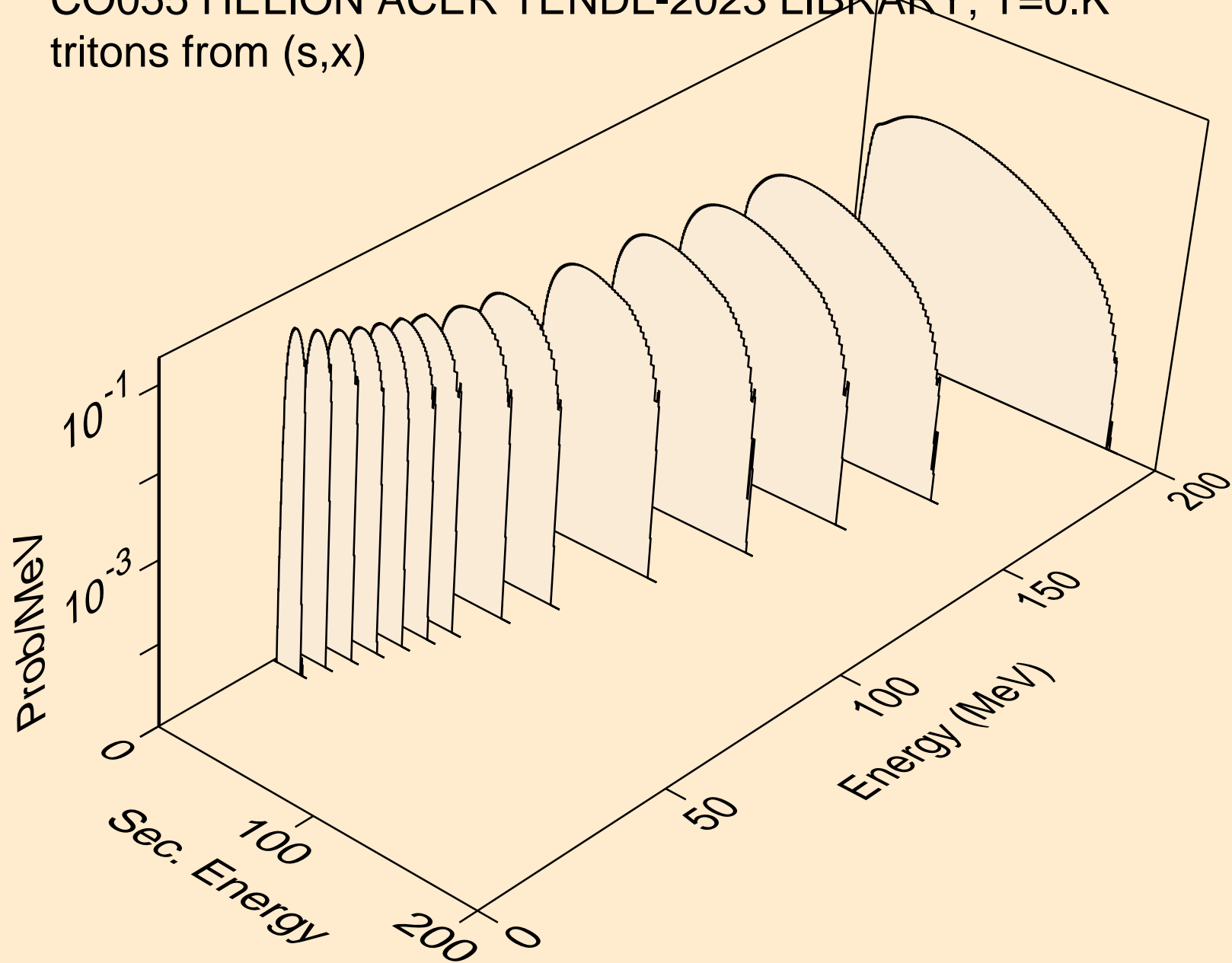
CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,pd)



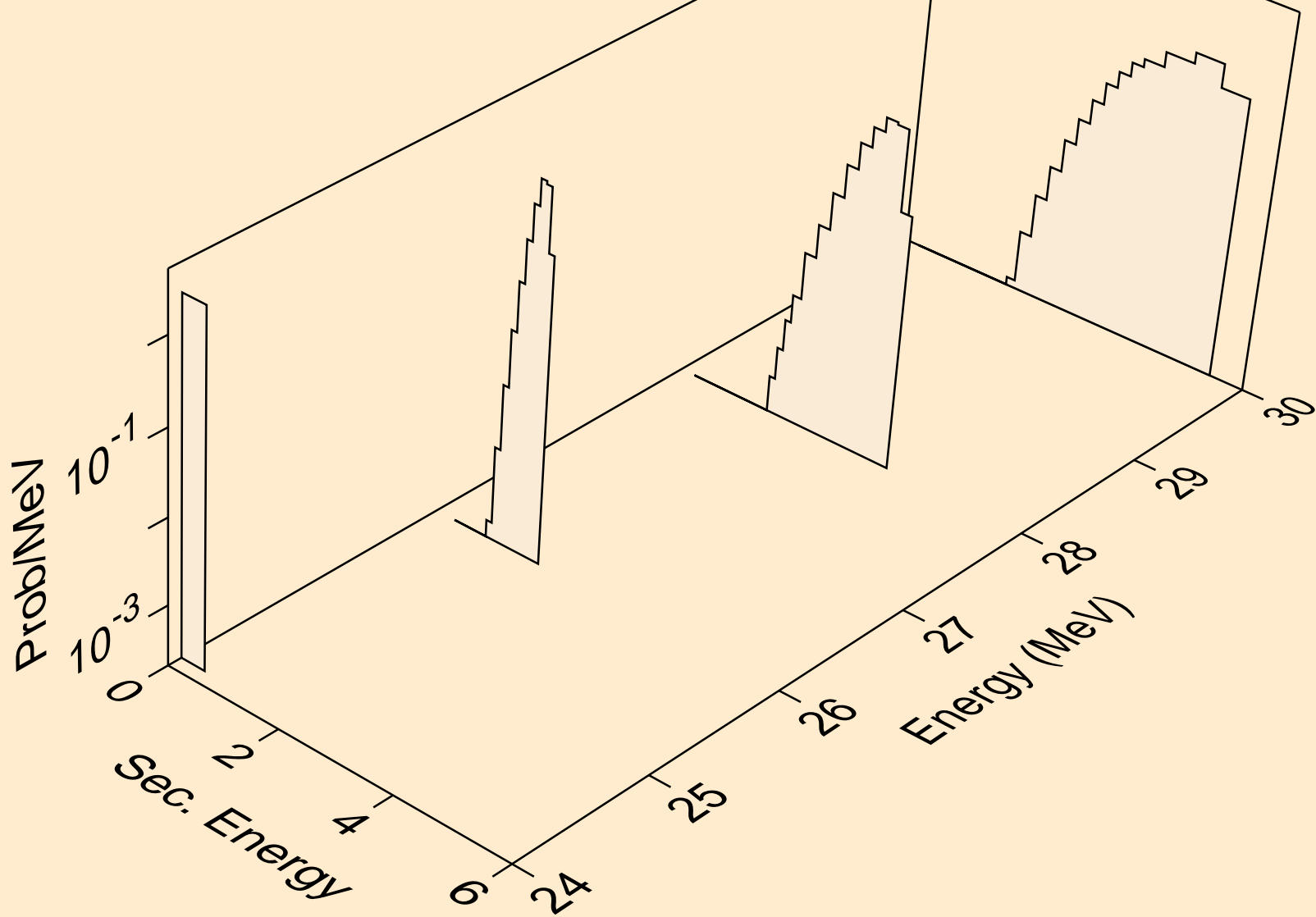
CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,da)



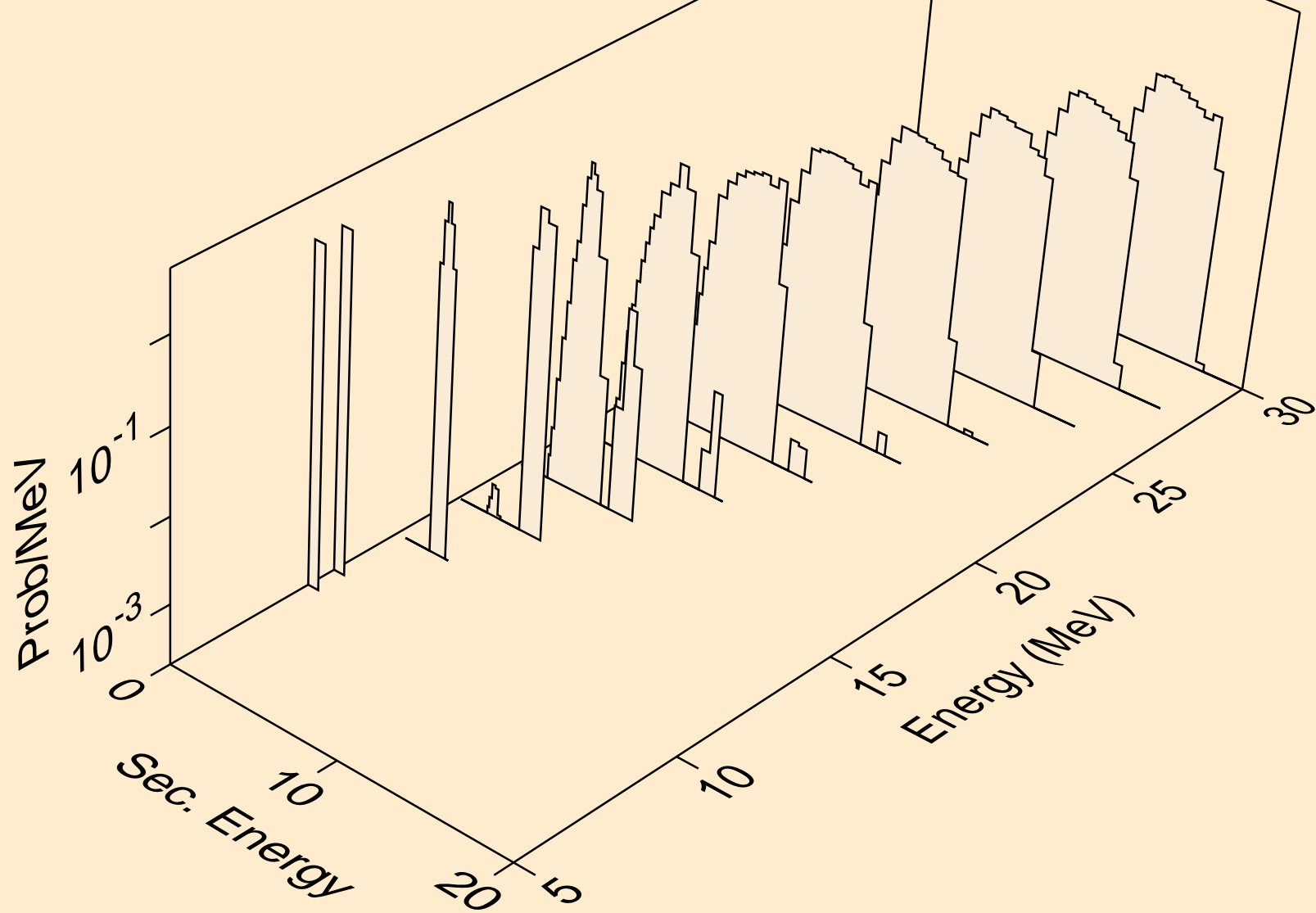
CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,x)



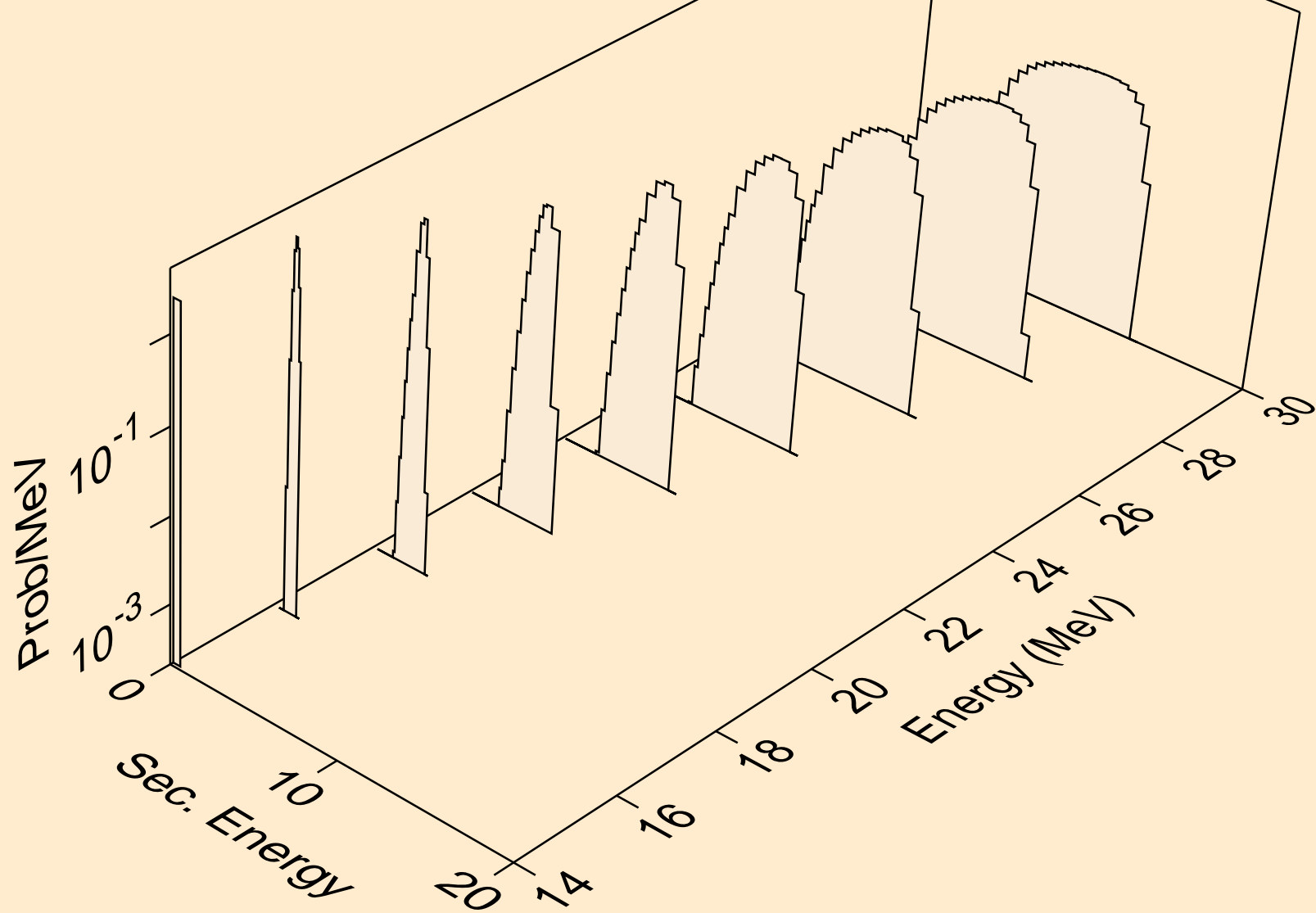
CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,n\*)t



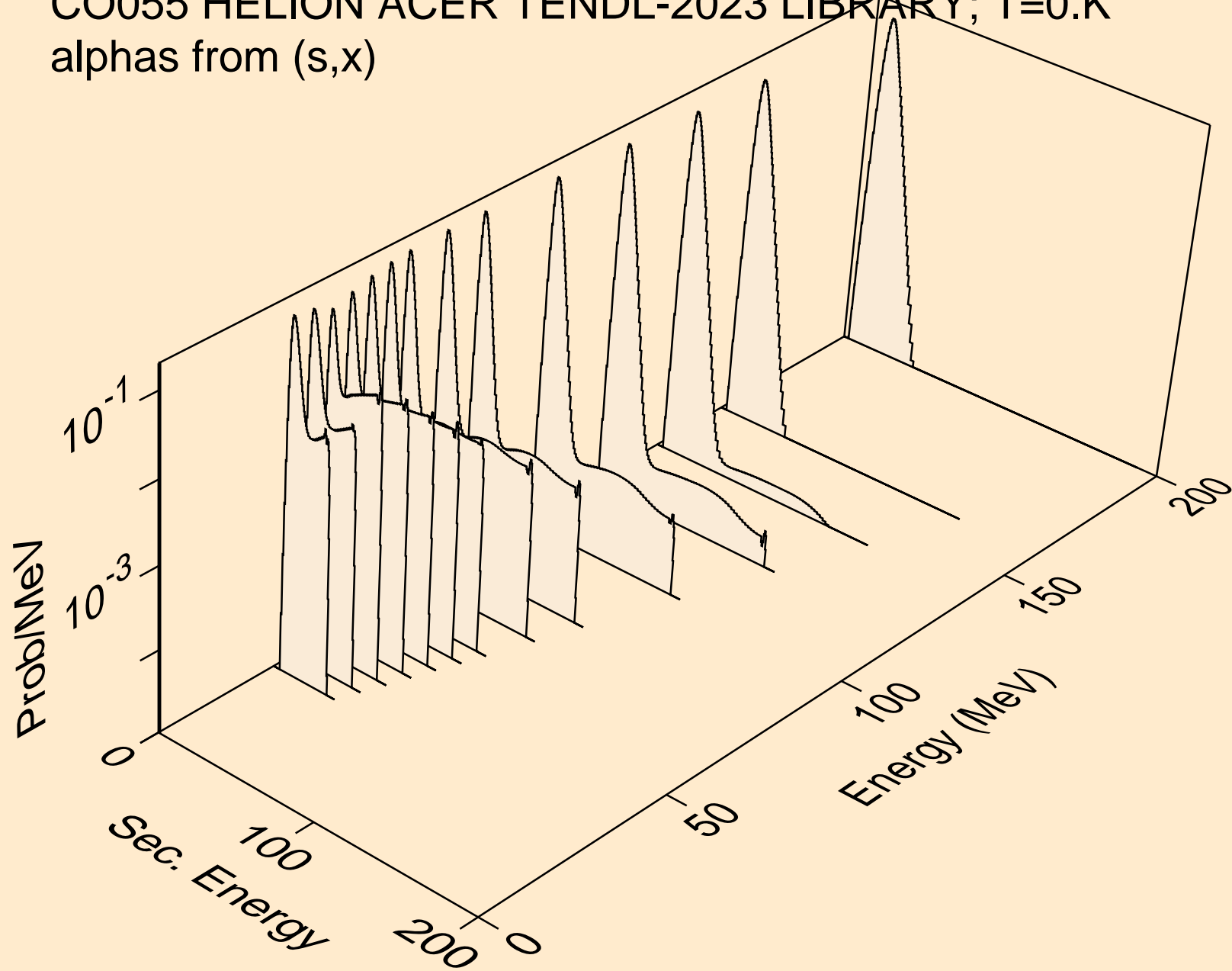
CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,t)



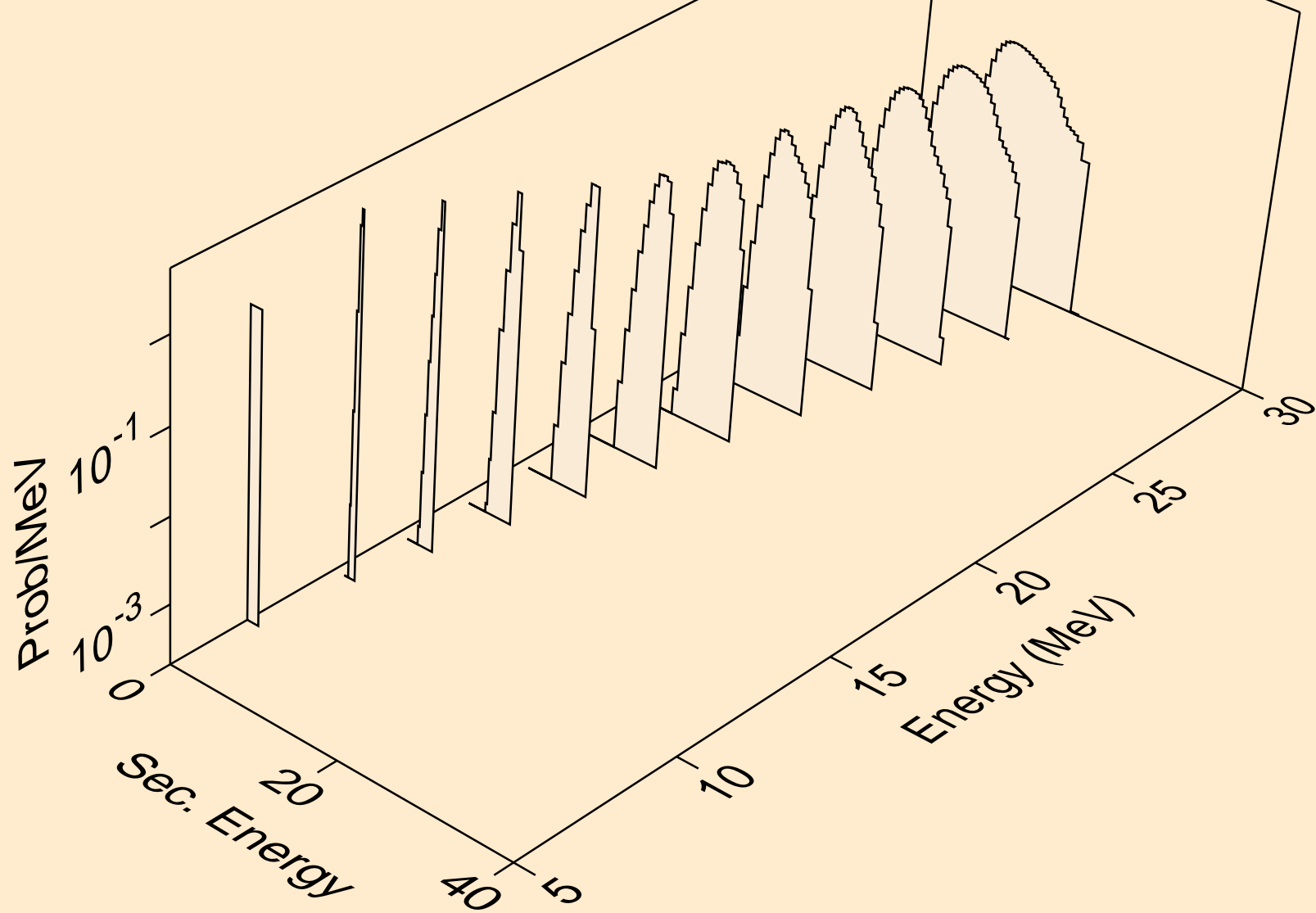
CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,pt)



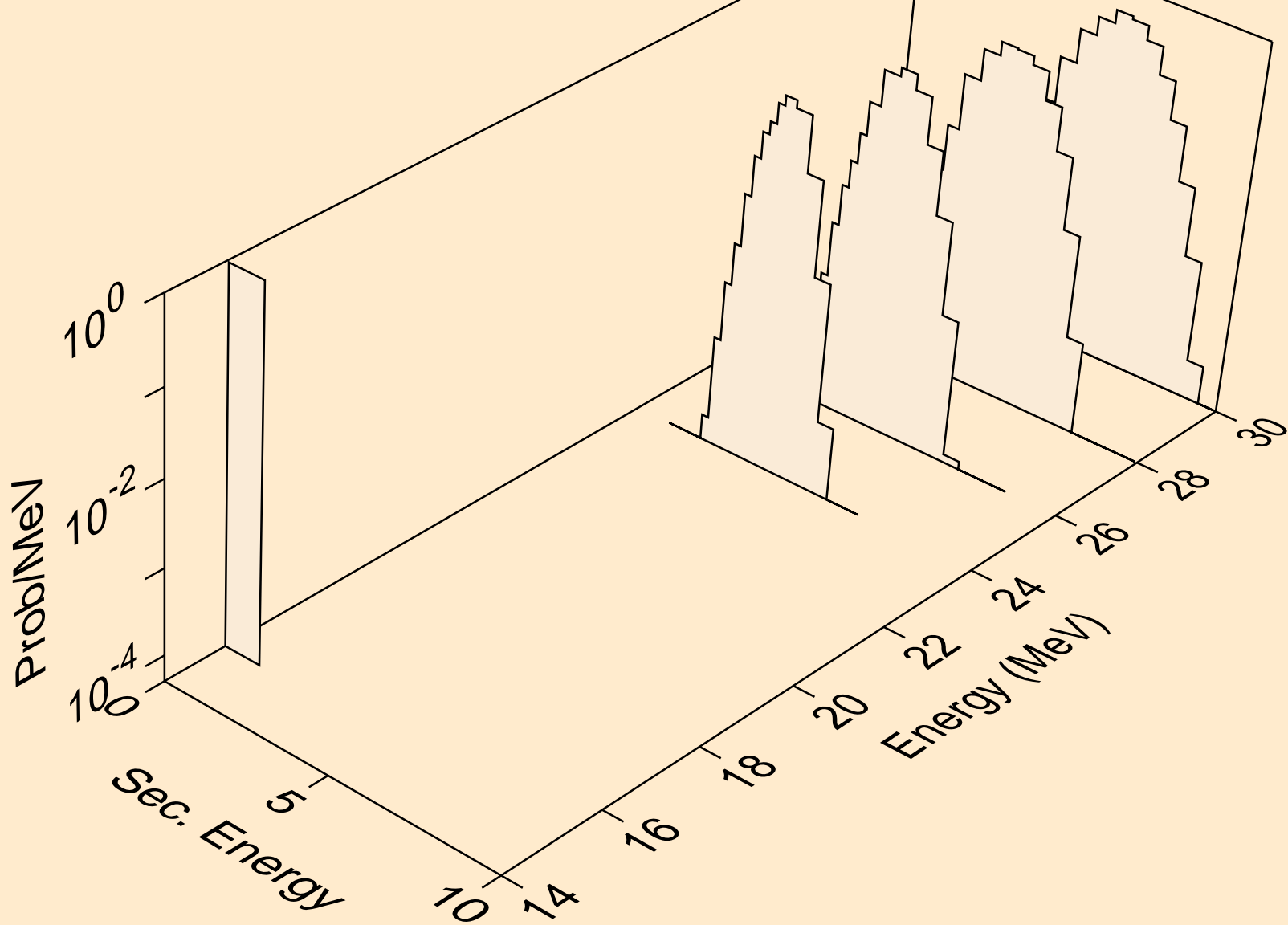
CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,x)



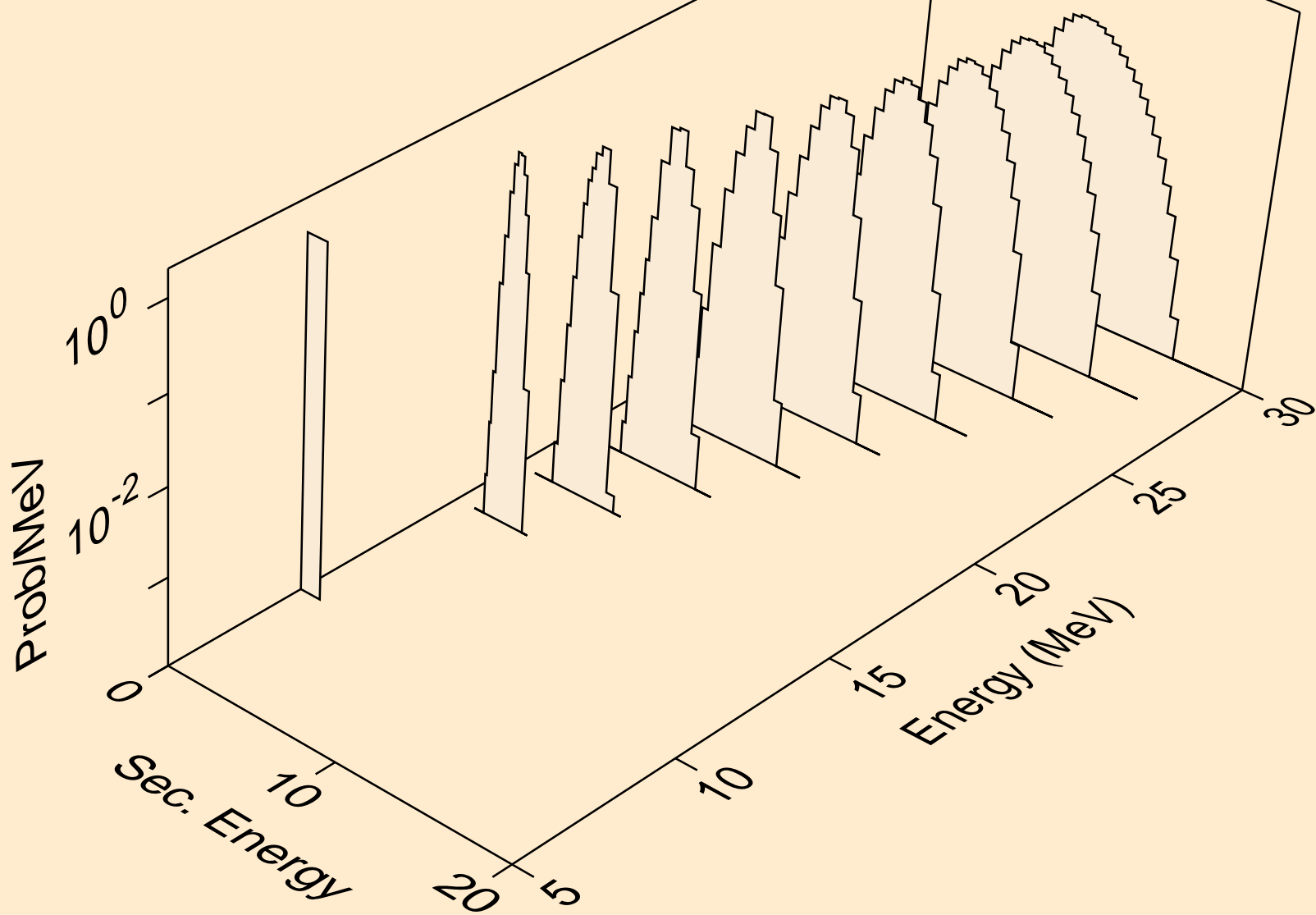
CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)a



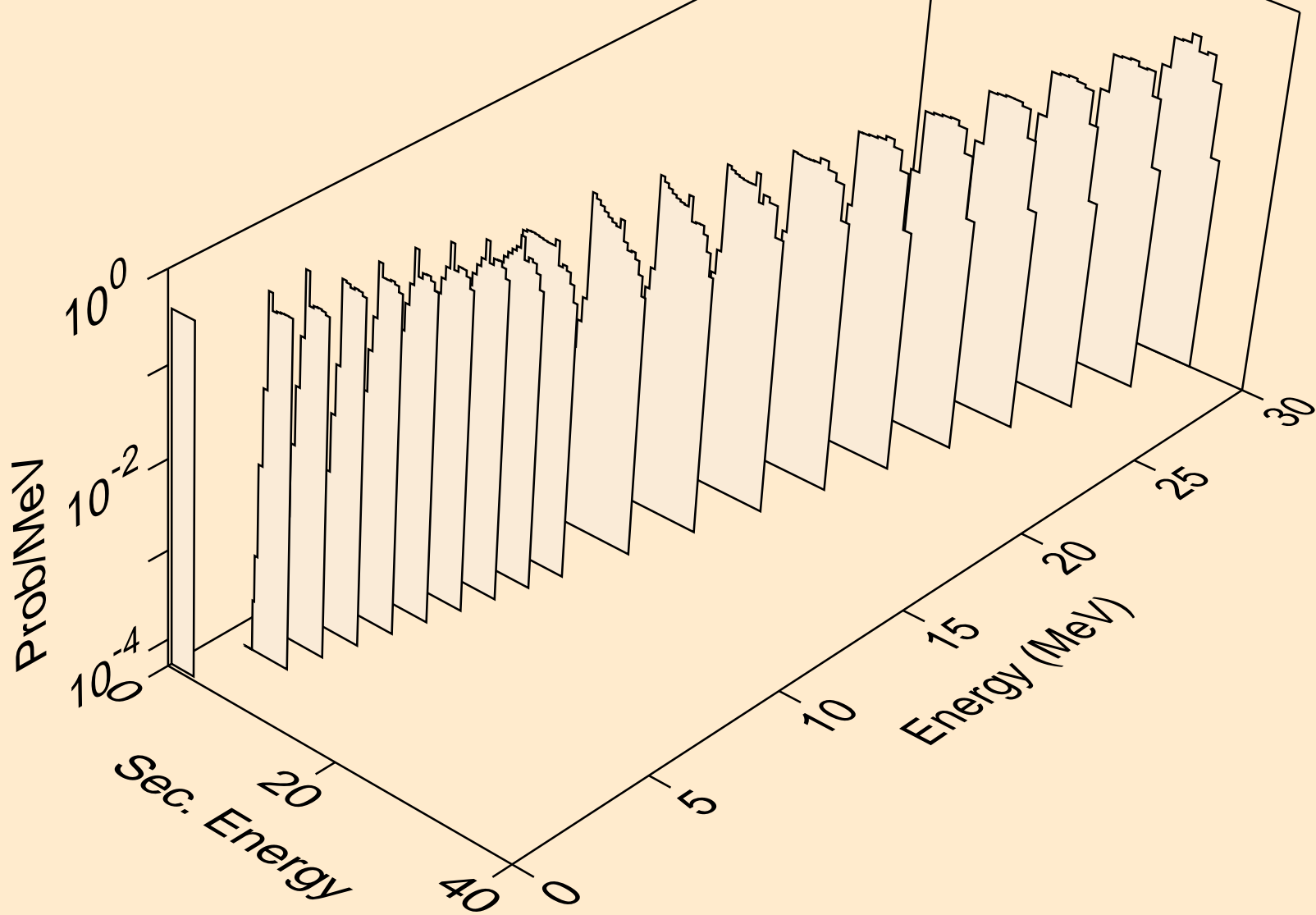
CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)2a



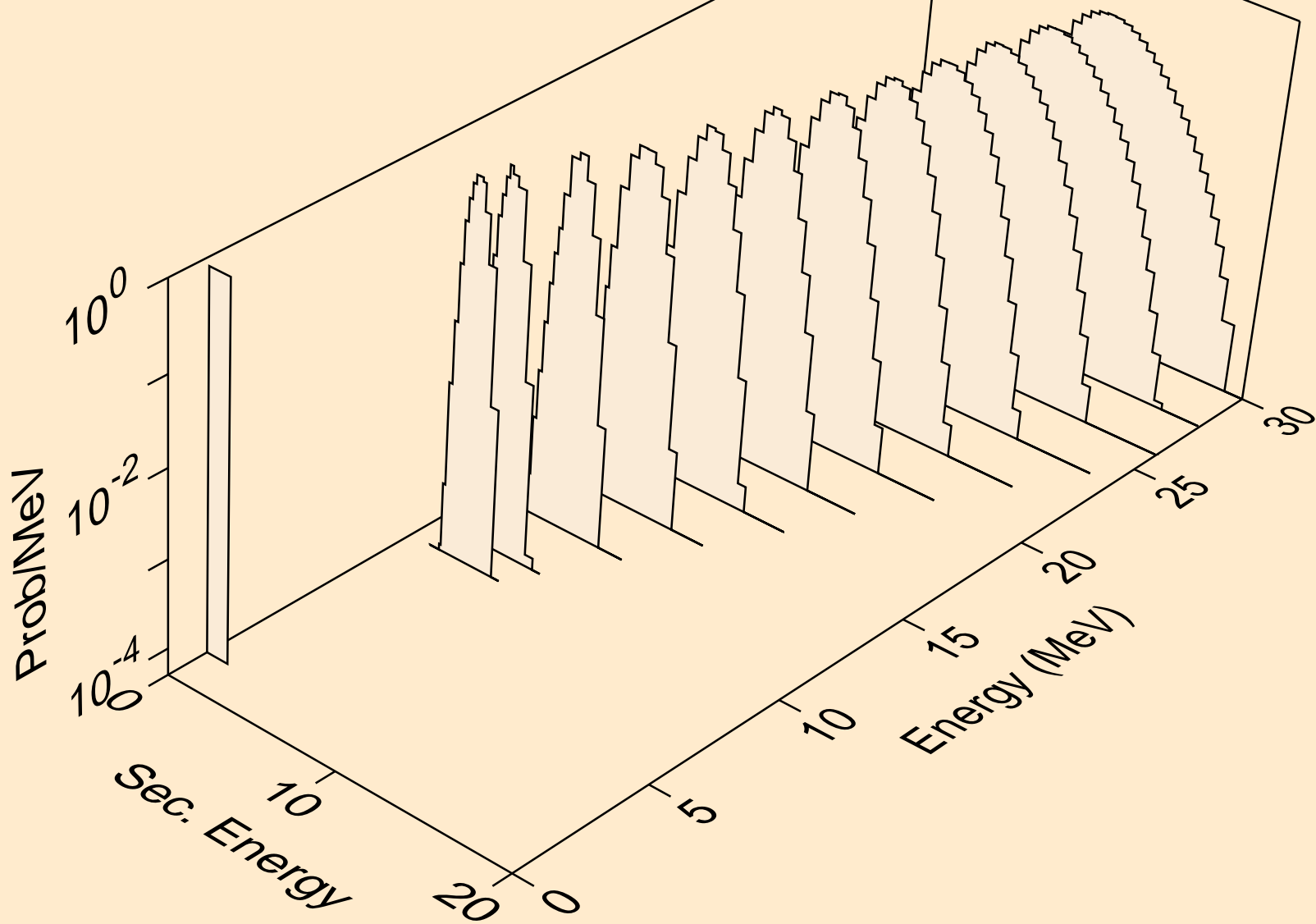
CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,npa)



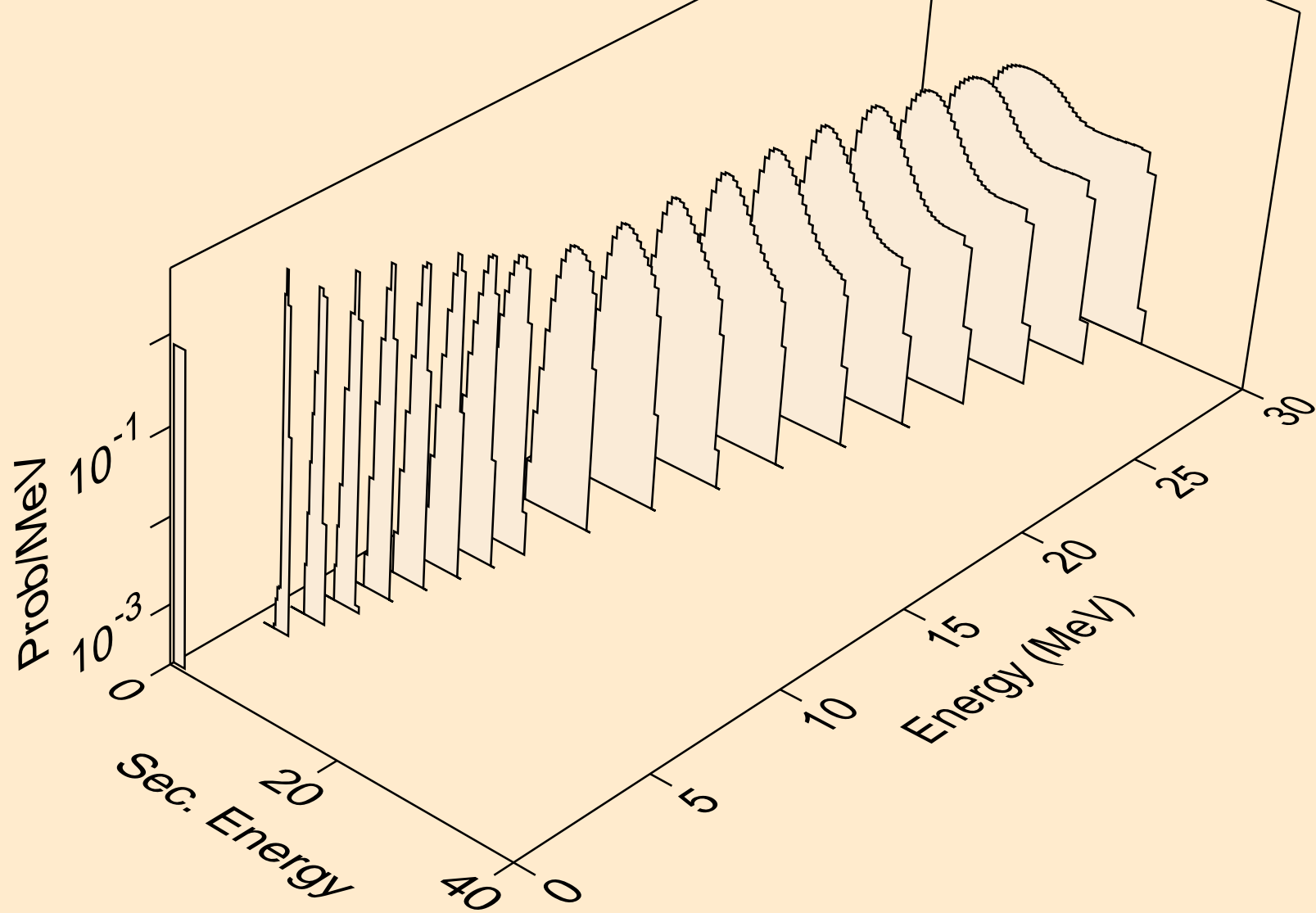
CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,a)



CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2a)



CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,pa)



CO055 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,da)

