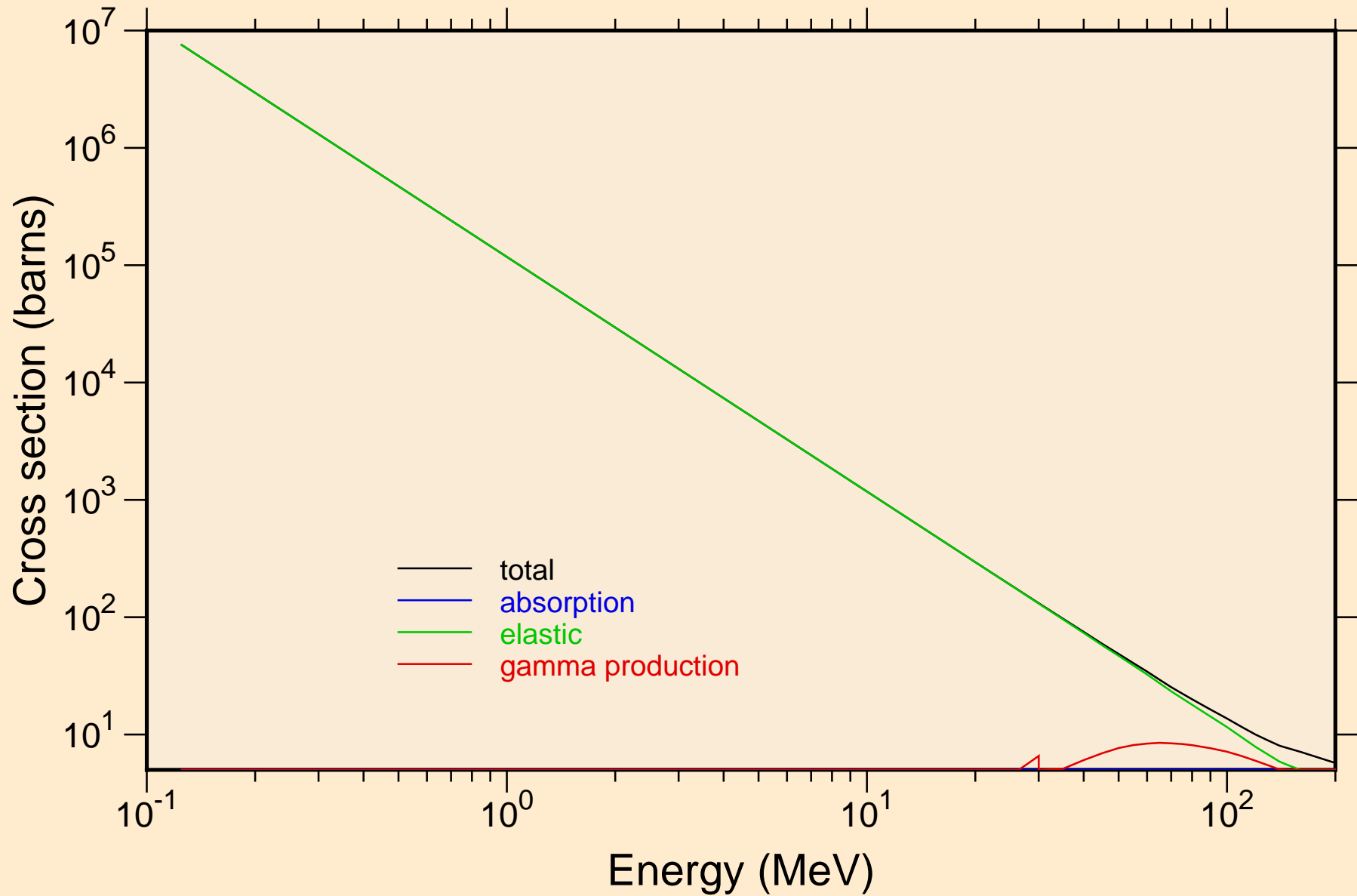


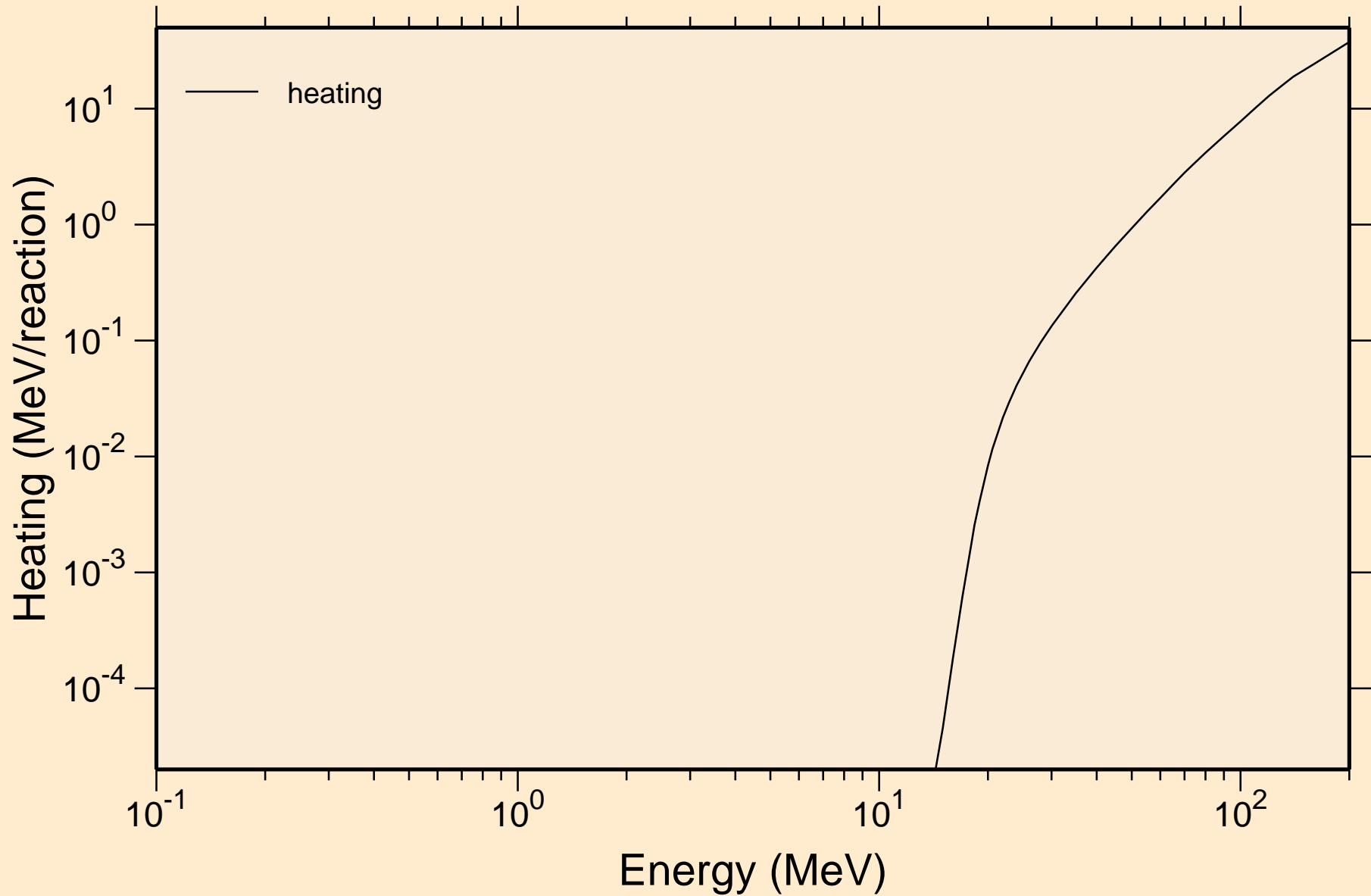
# ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



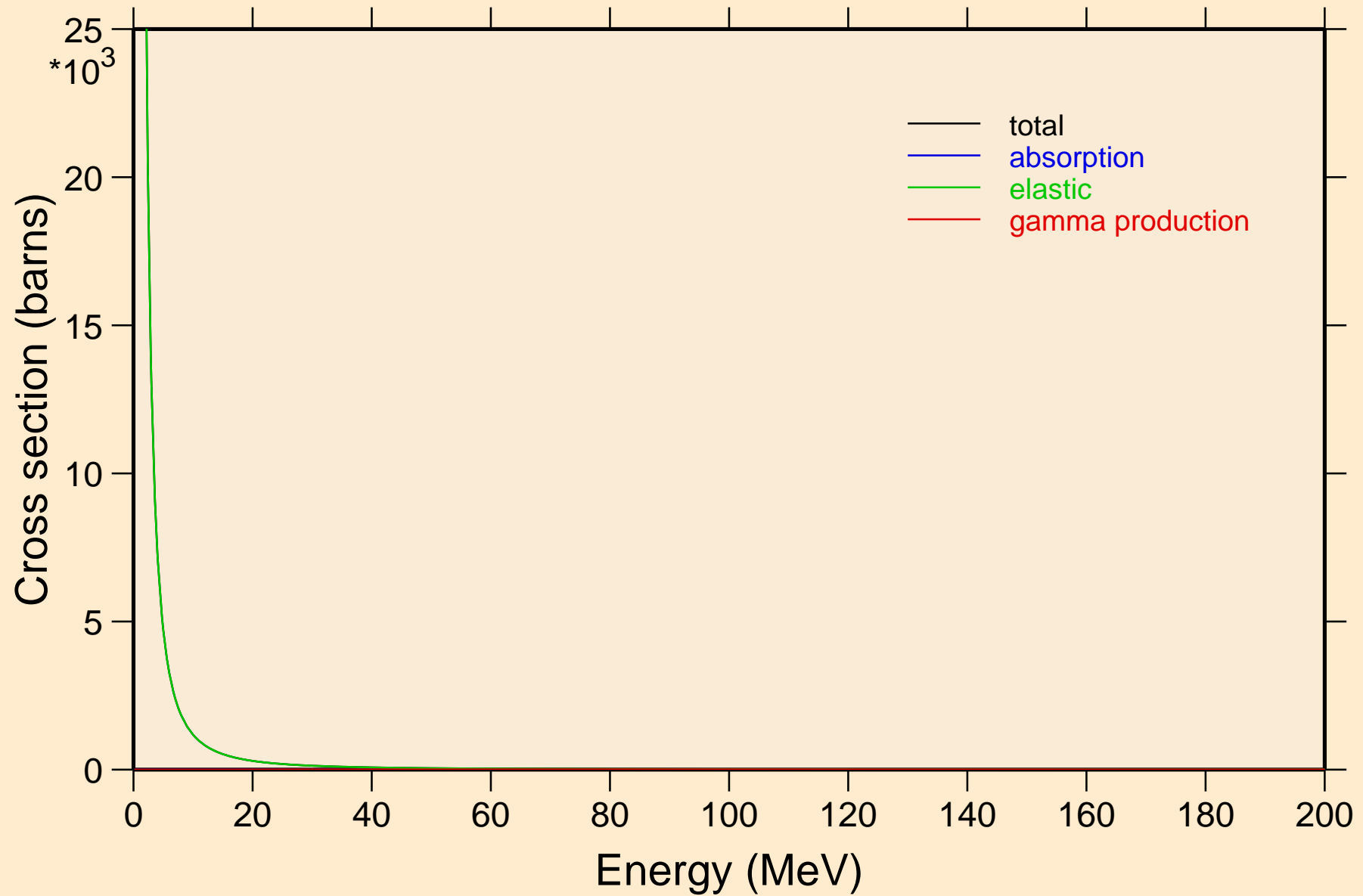
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K

Heating



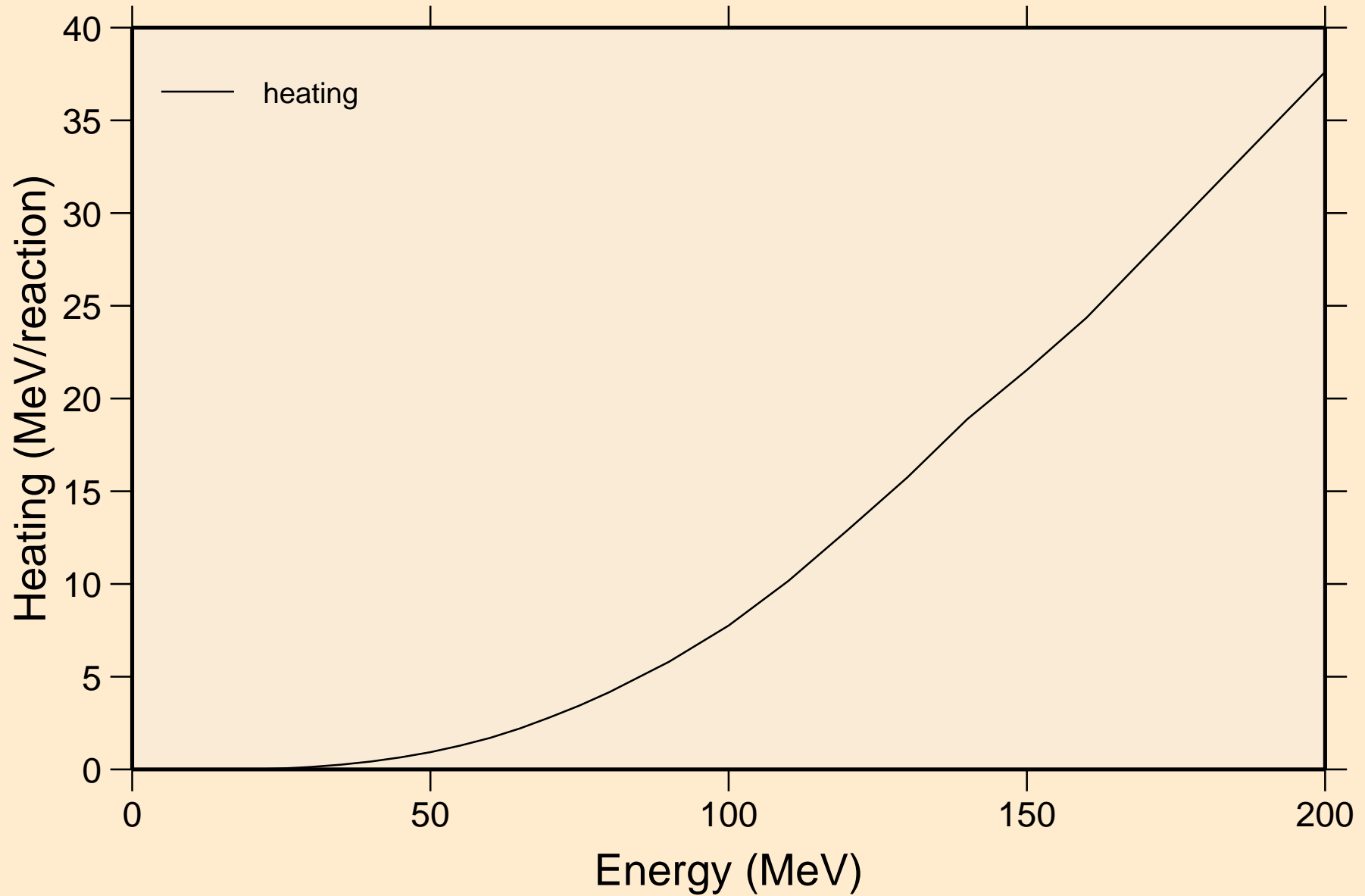
# ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

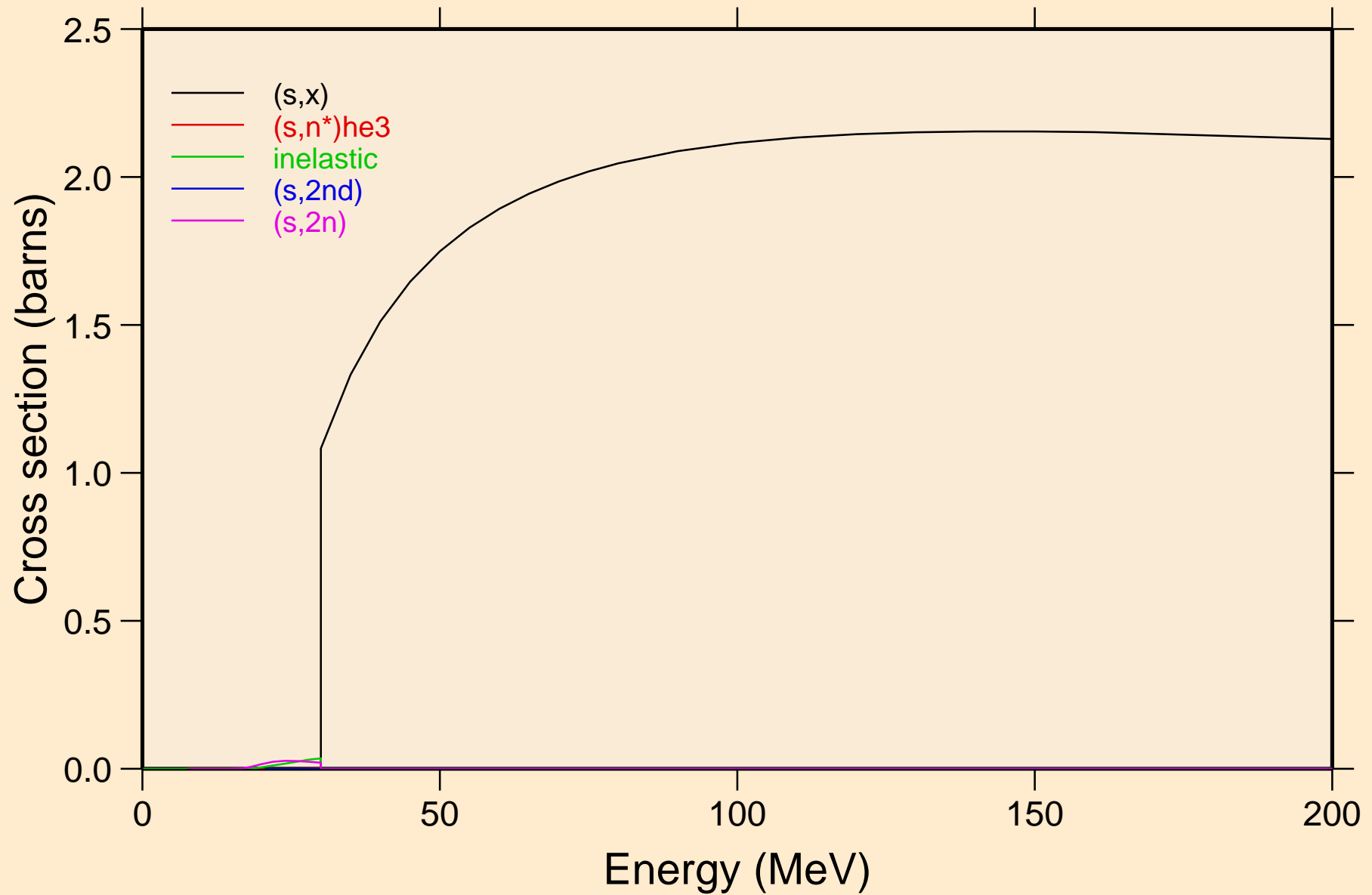


ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K

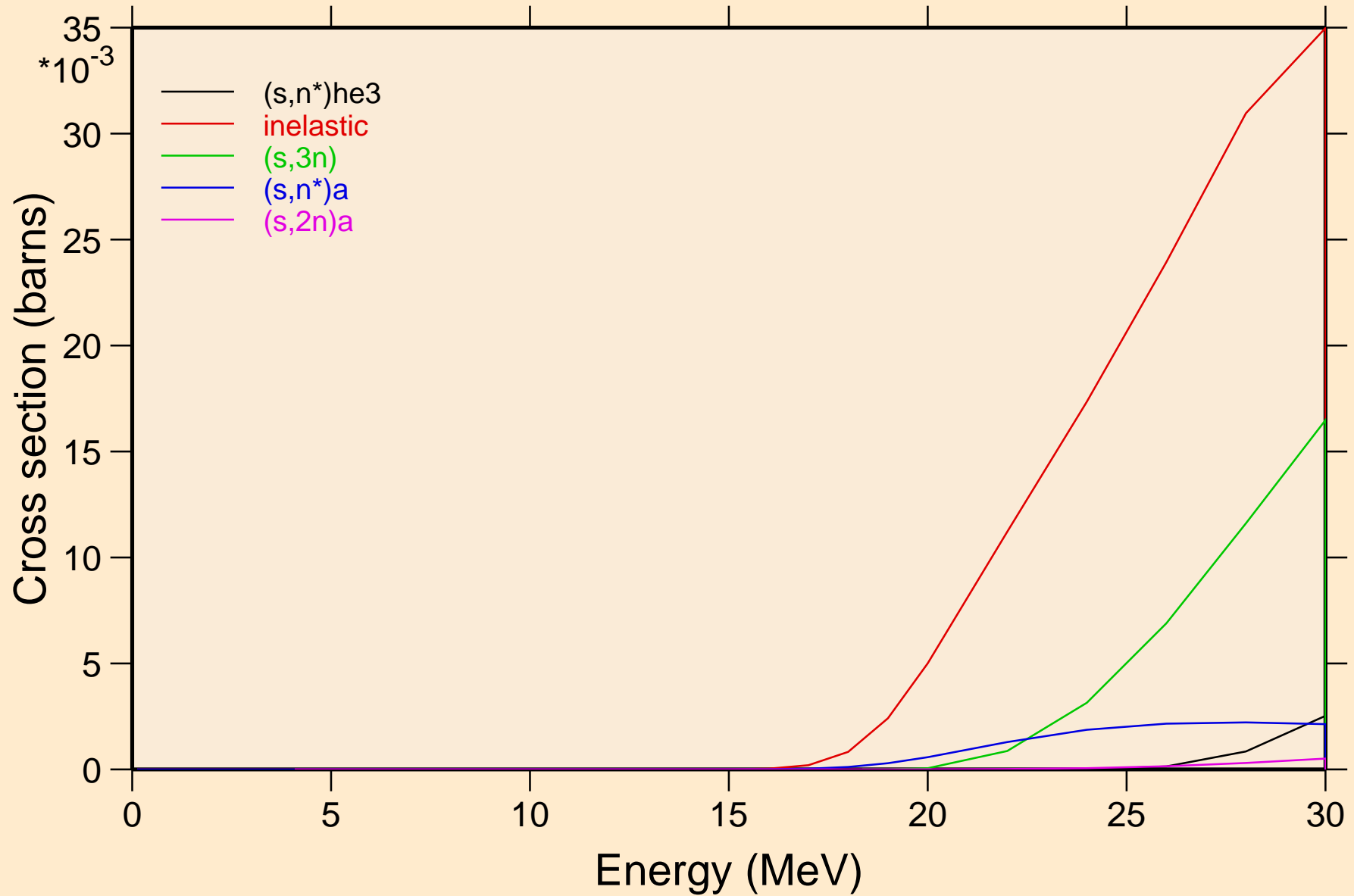
Heating



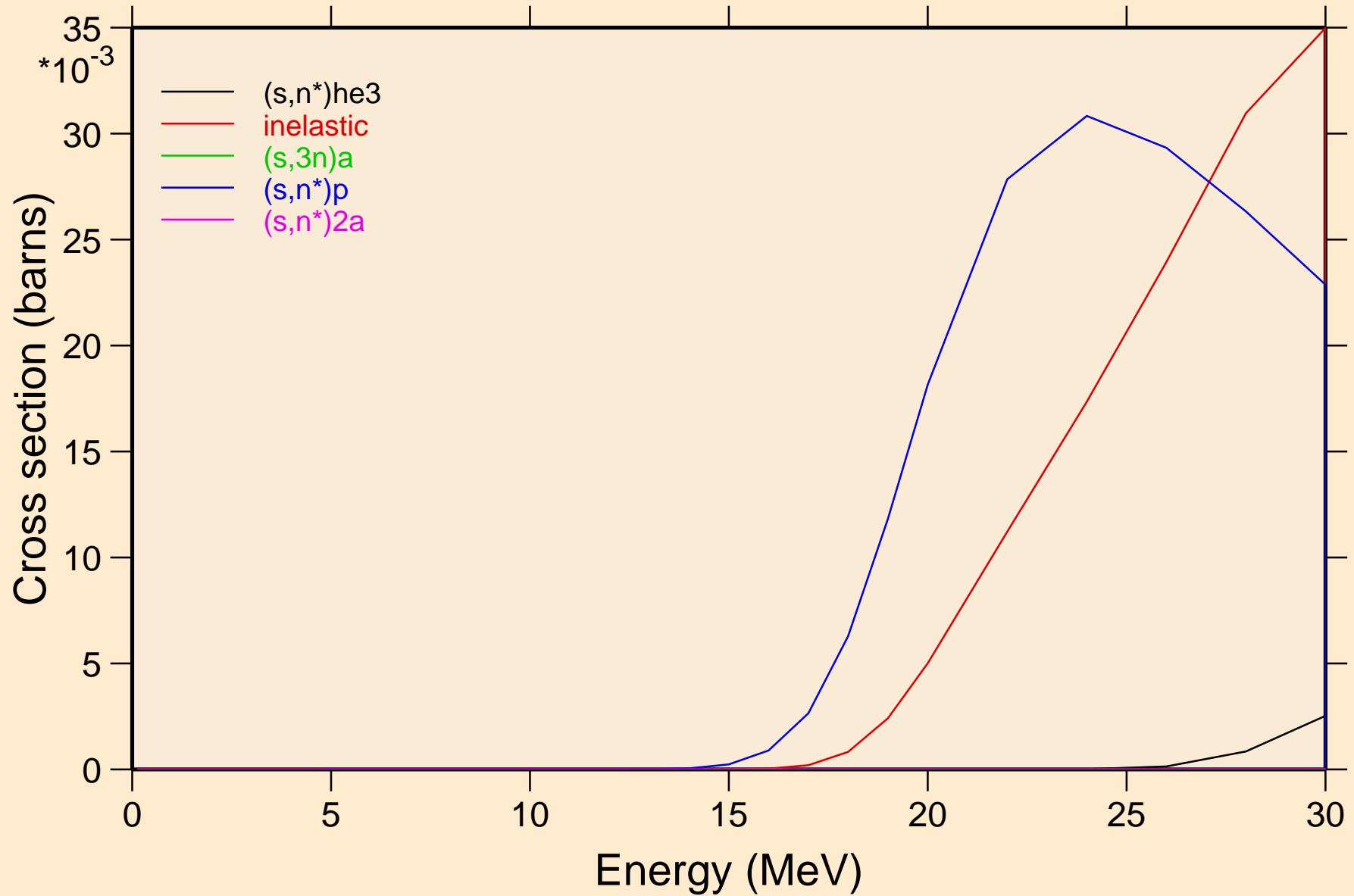
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

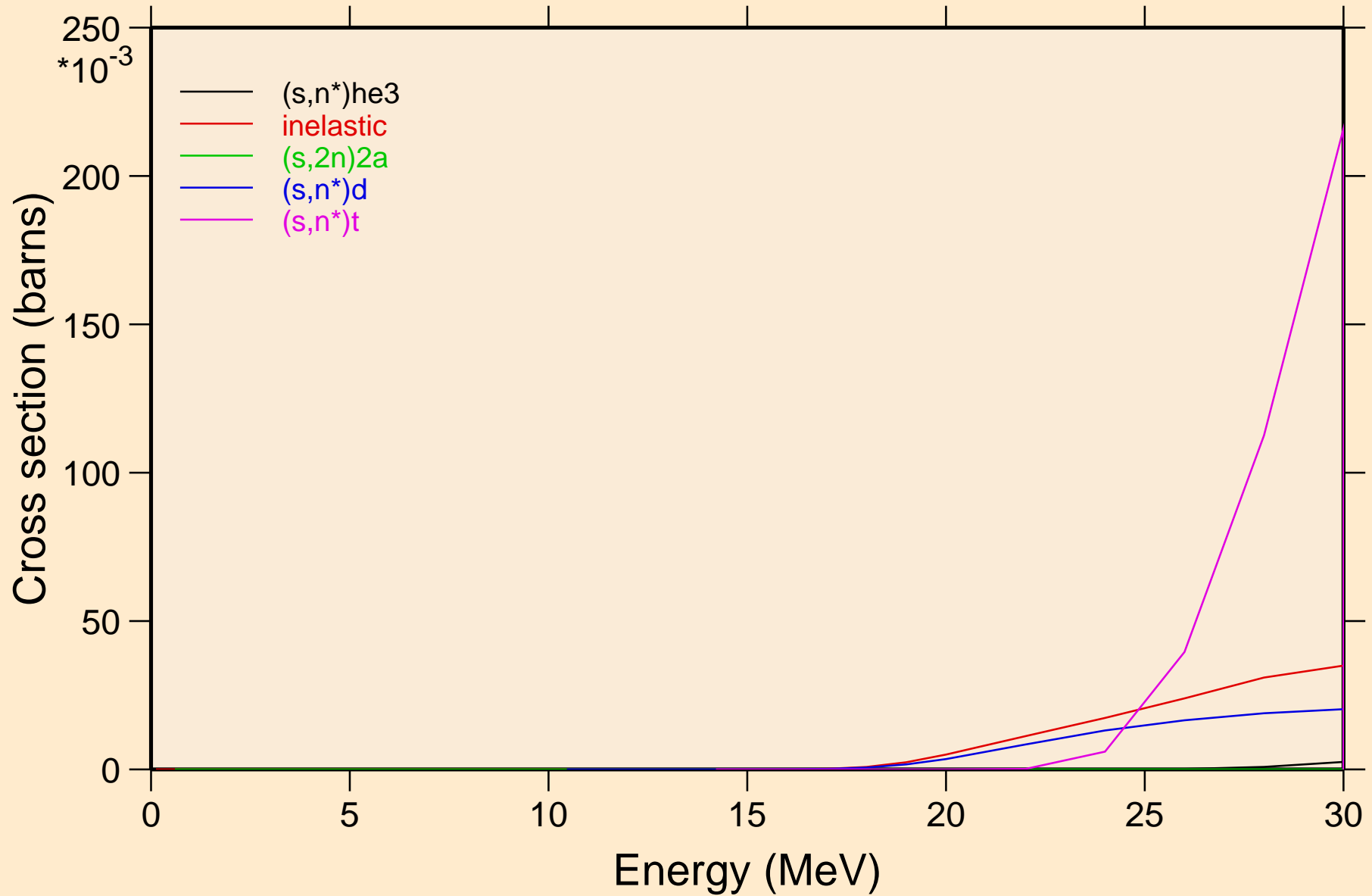


ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



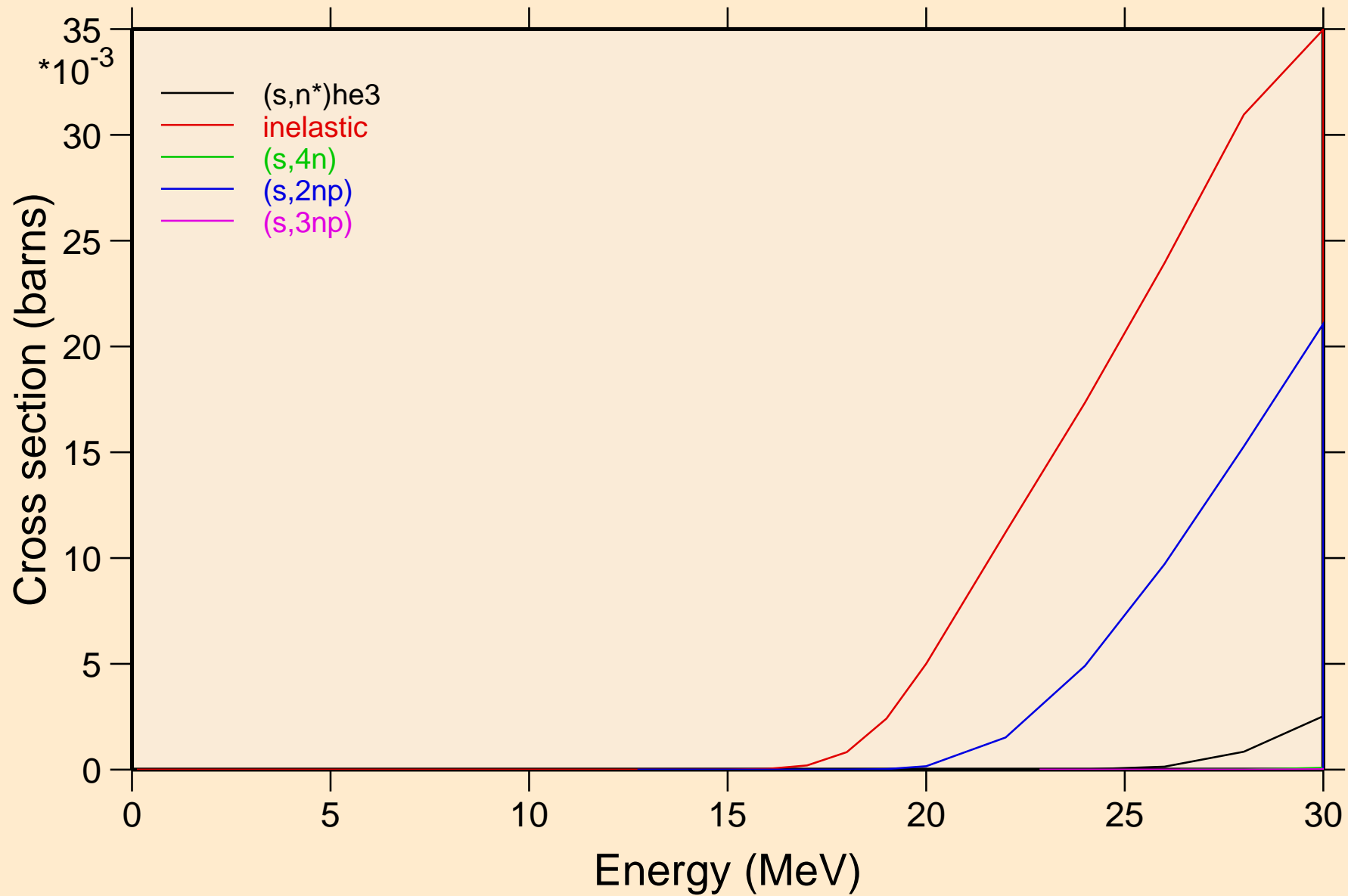
# ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

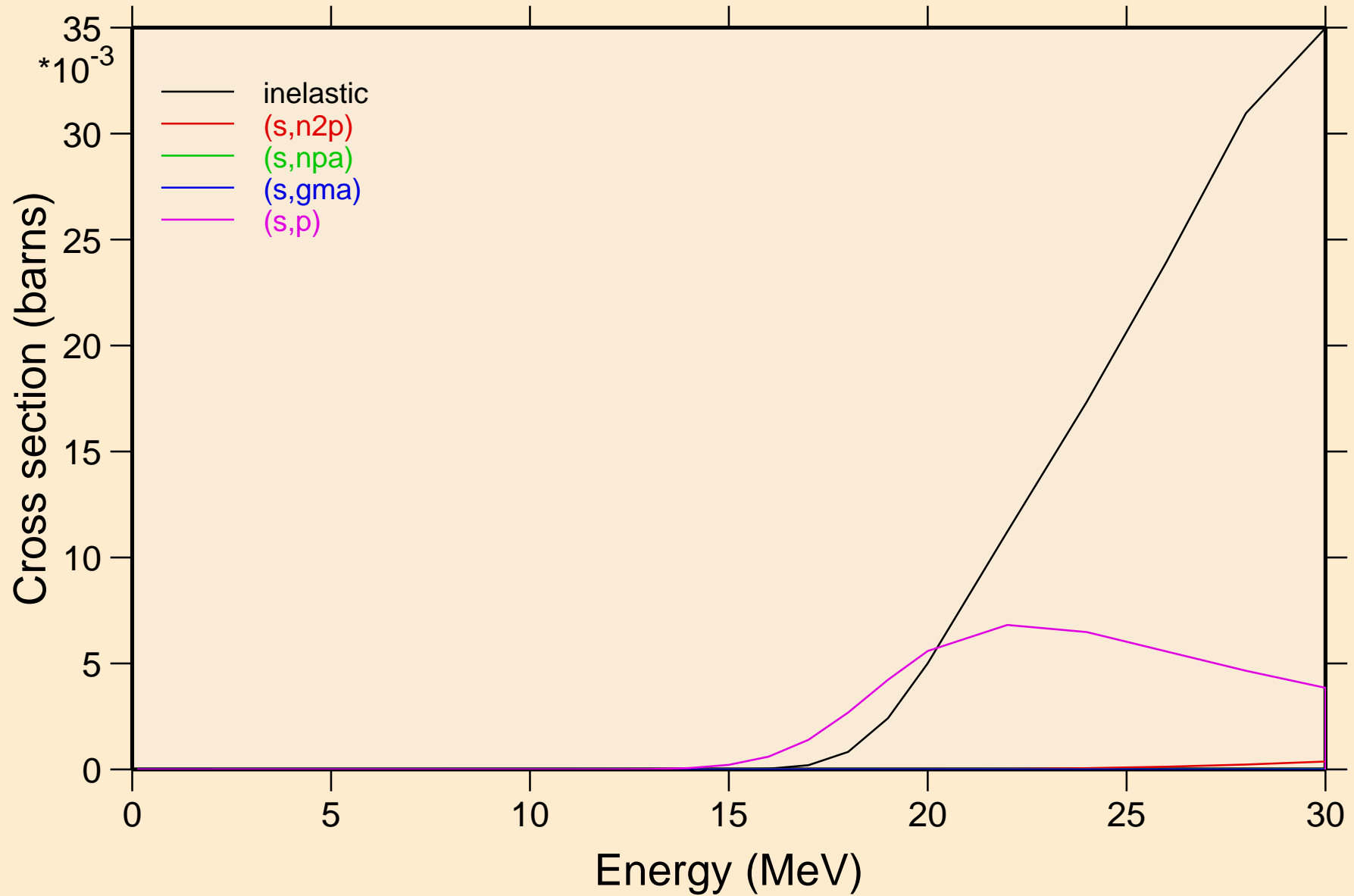




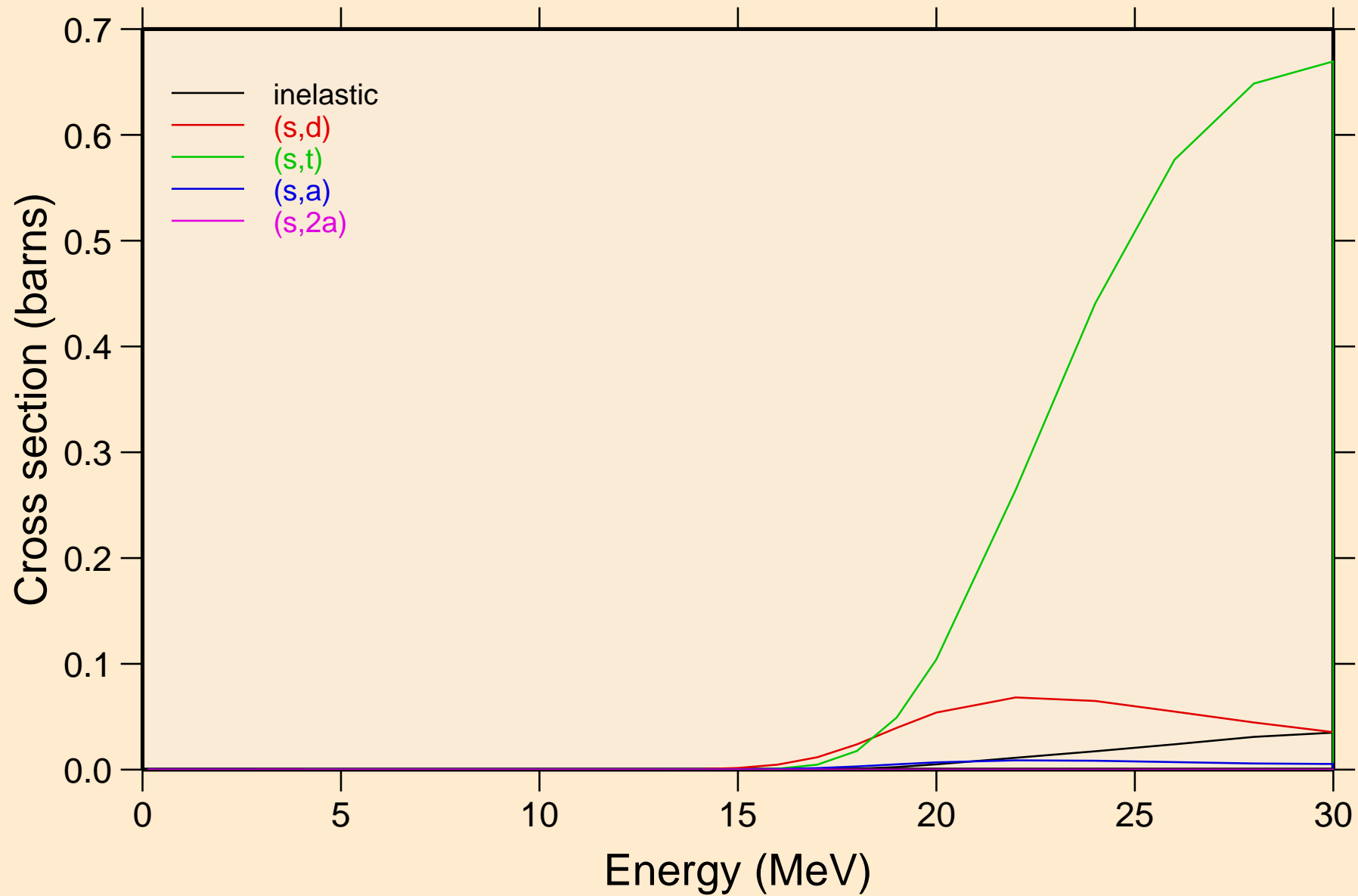
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



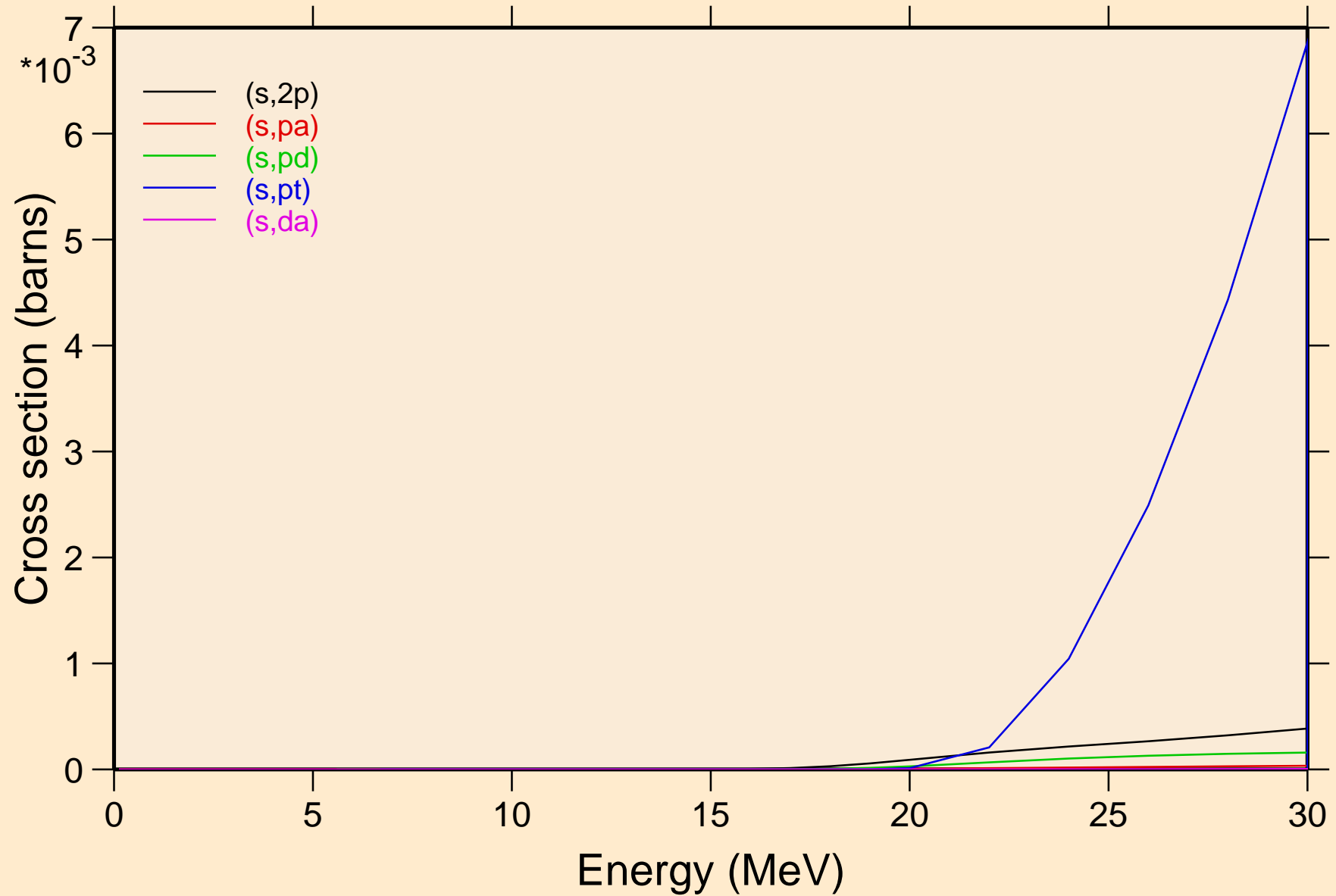
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



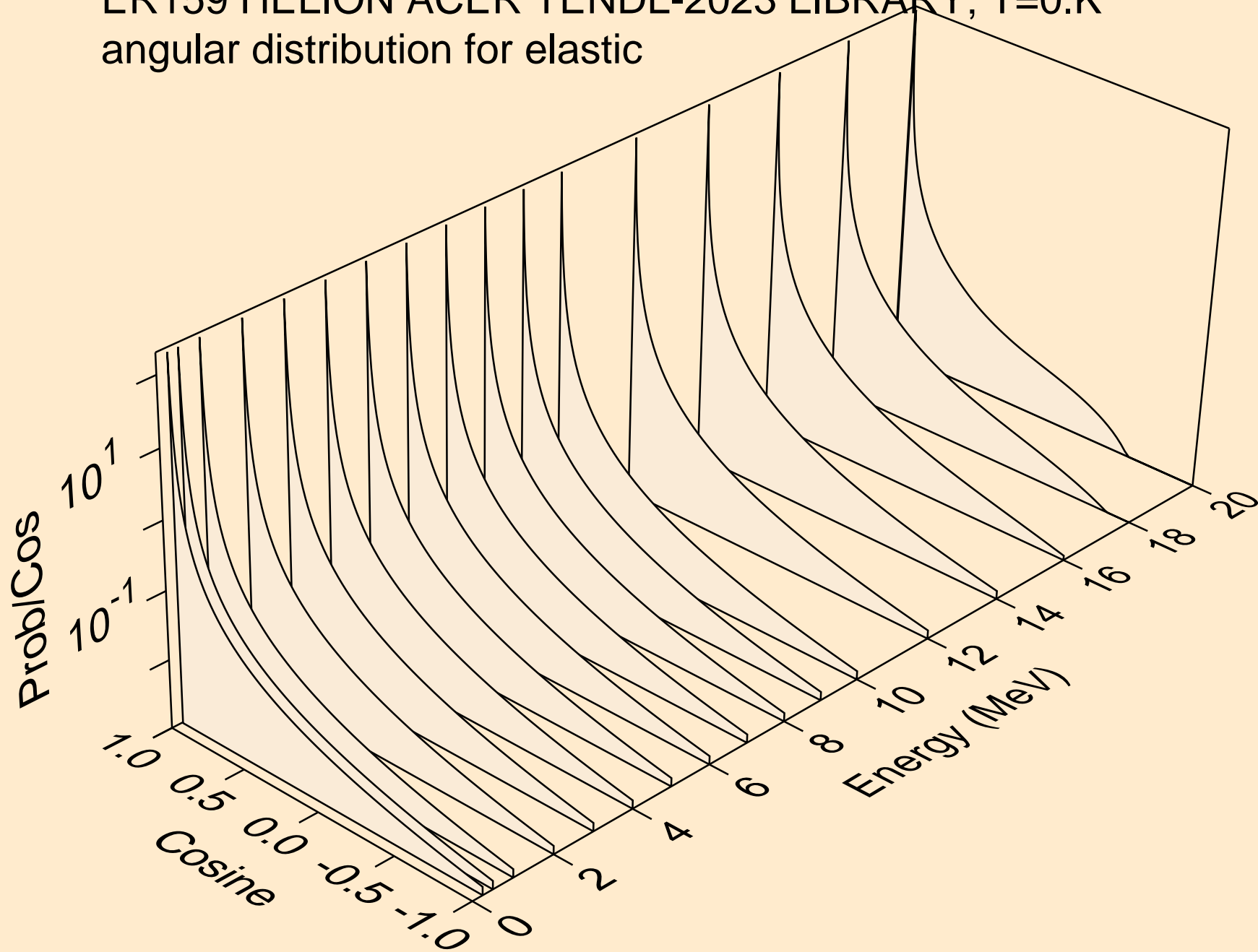
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



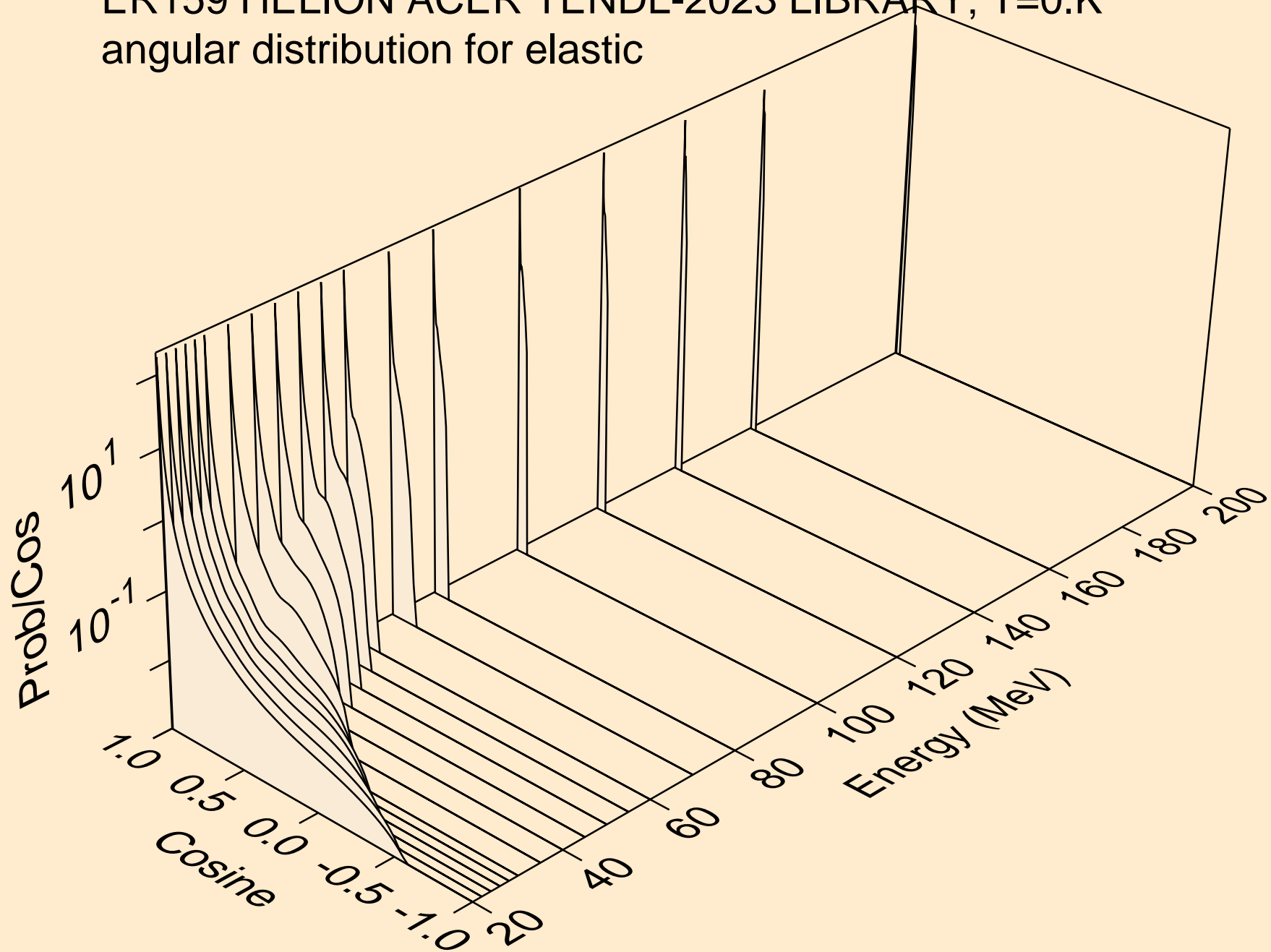
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



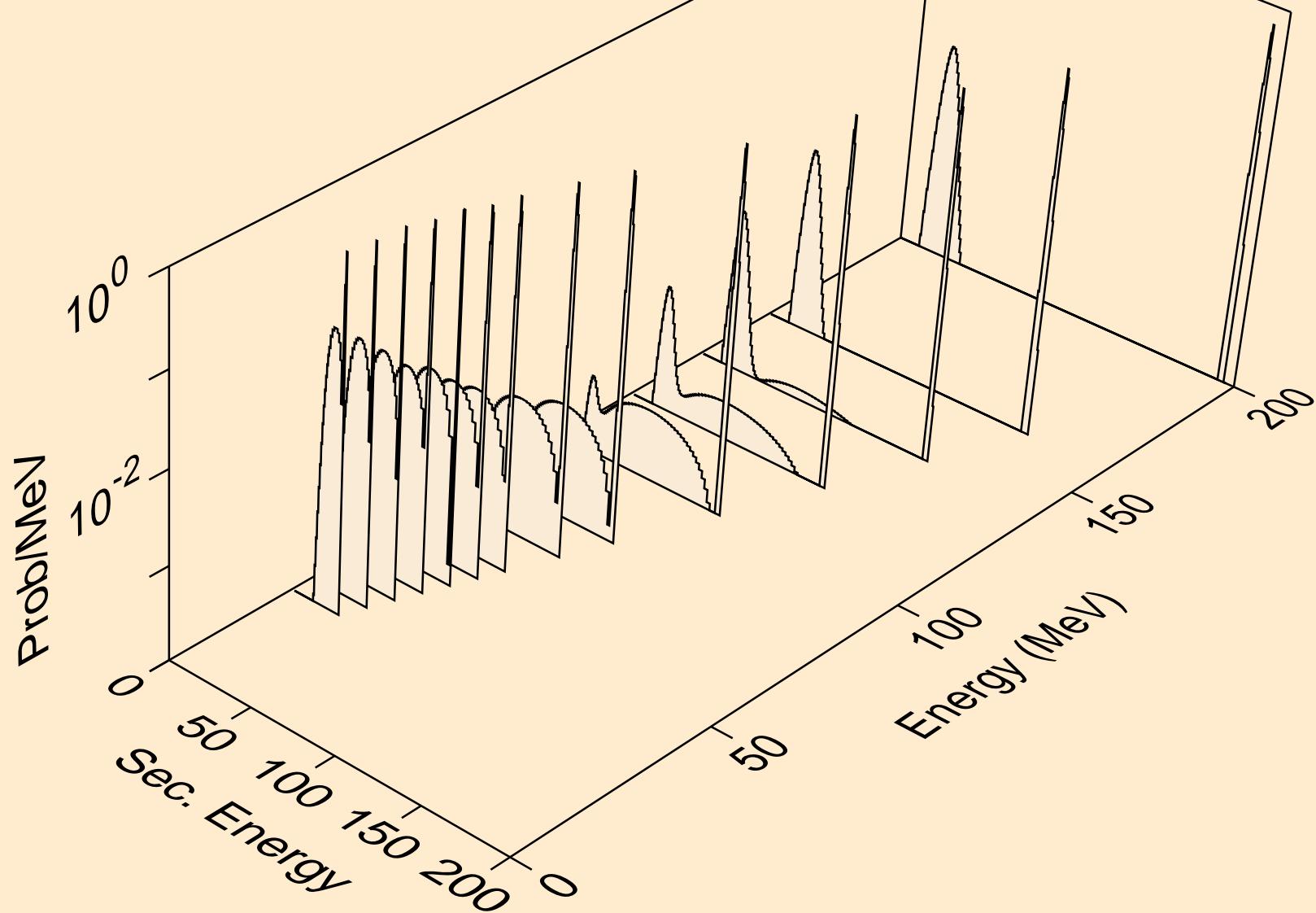
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



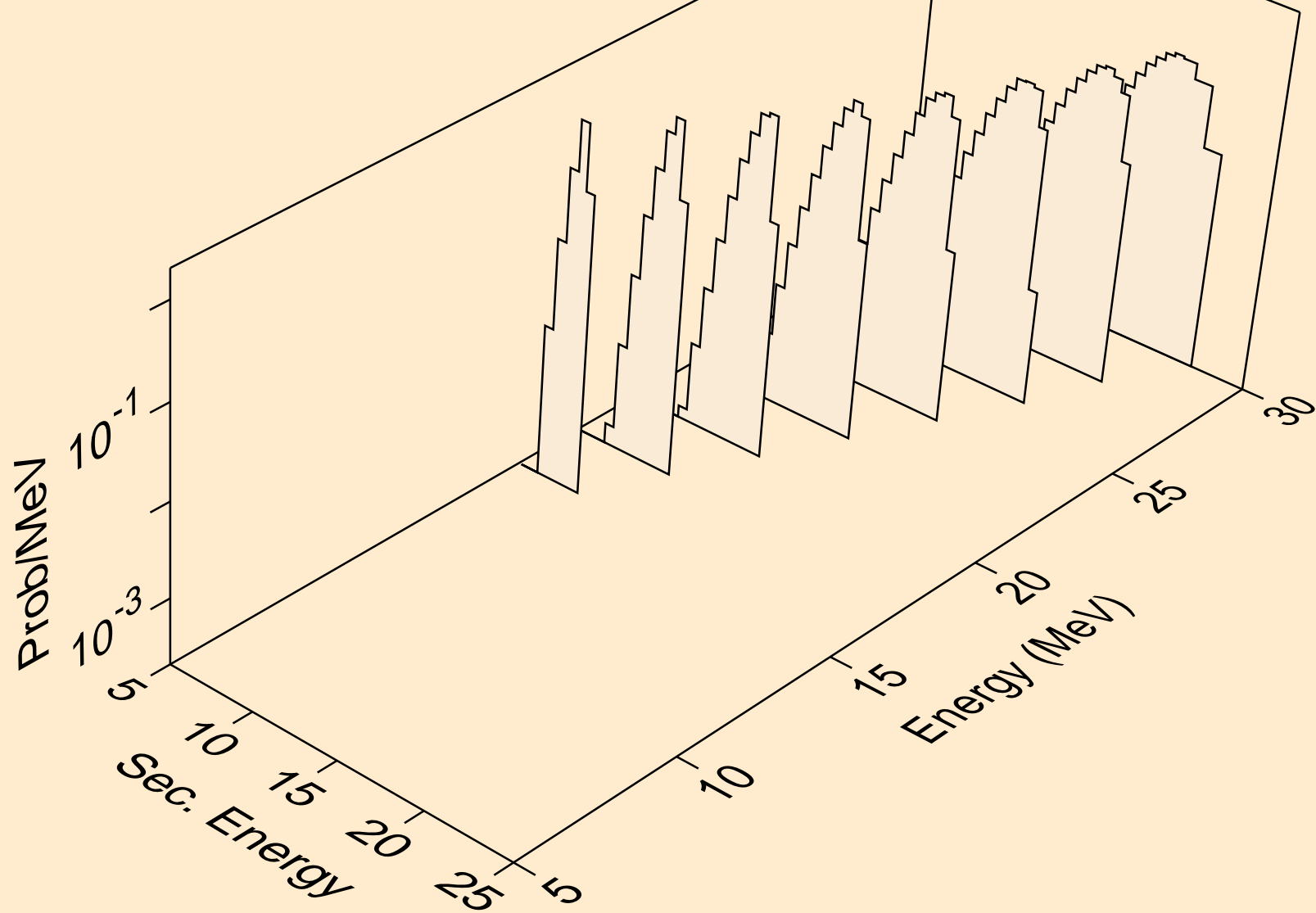
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,x)

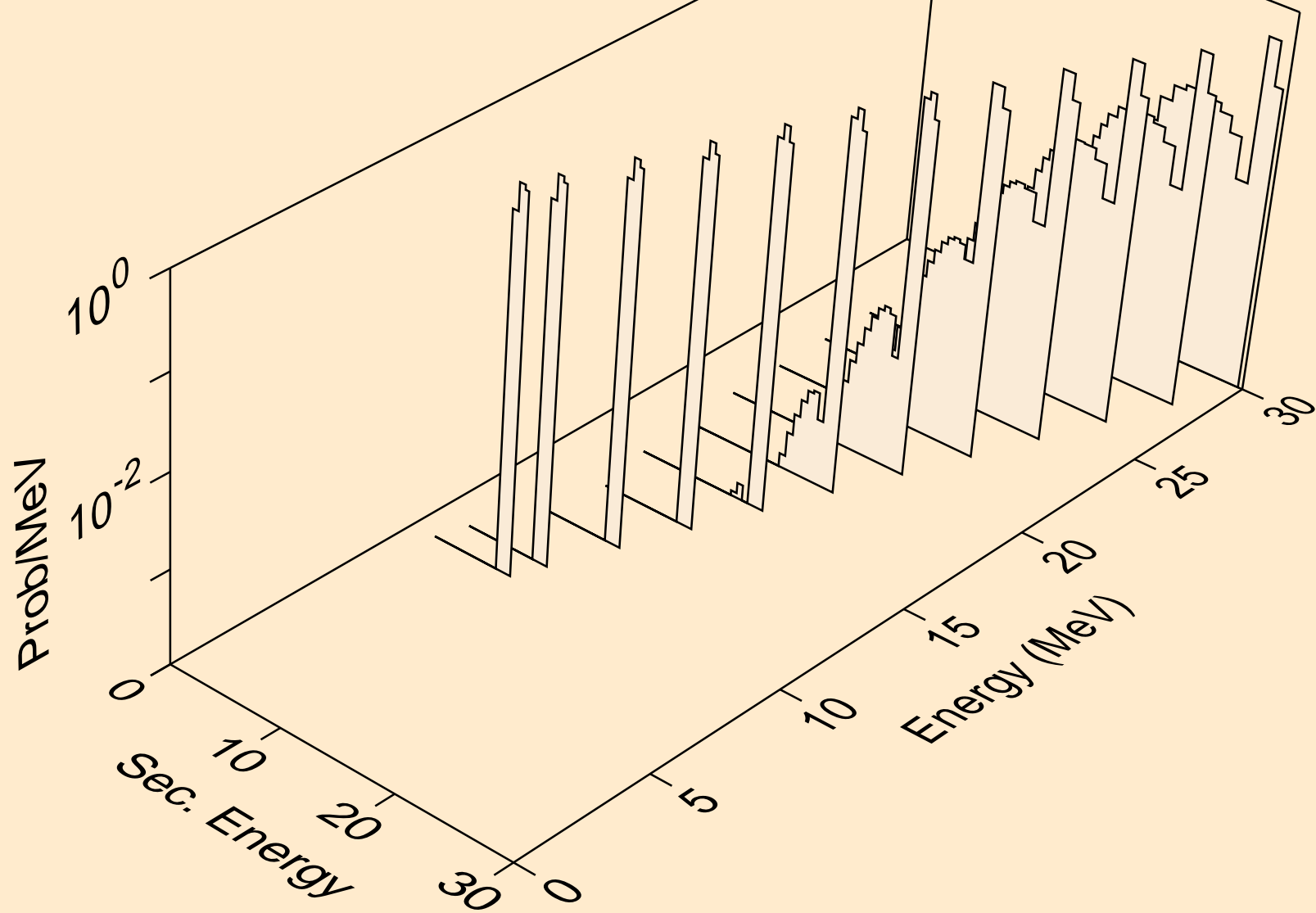


ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

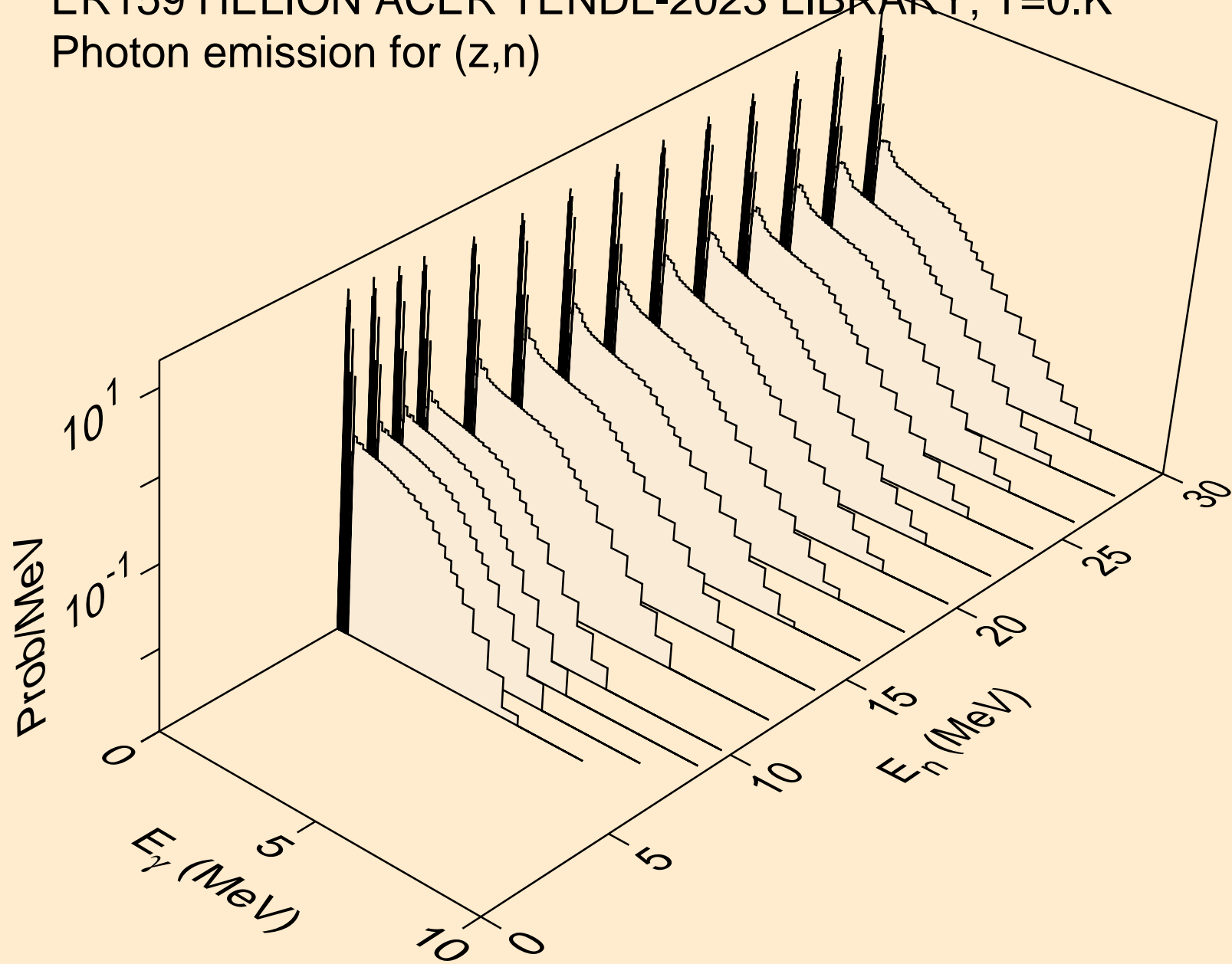




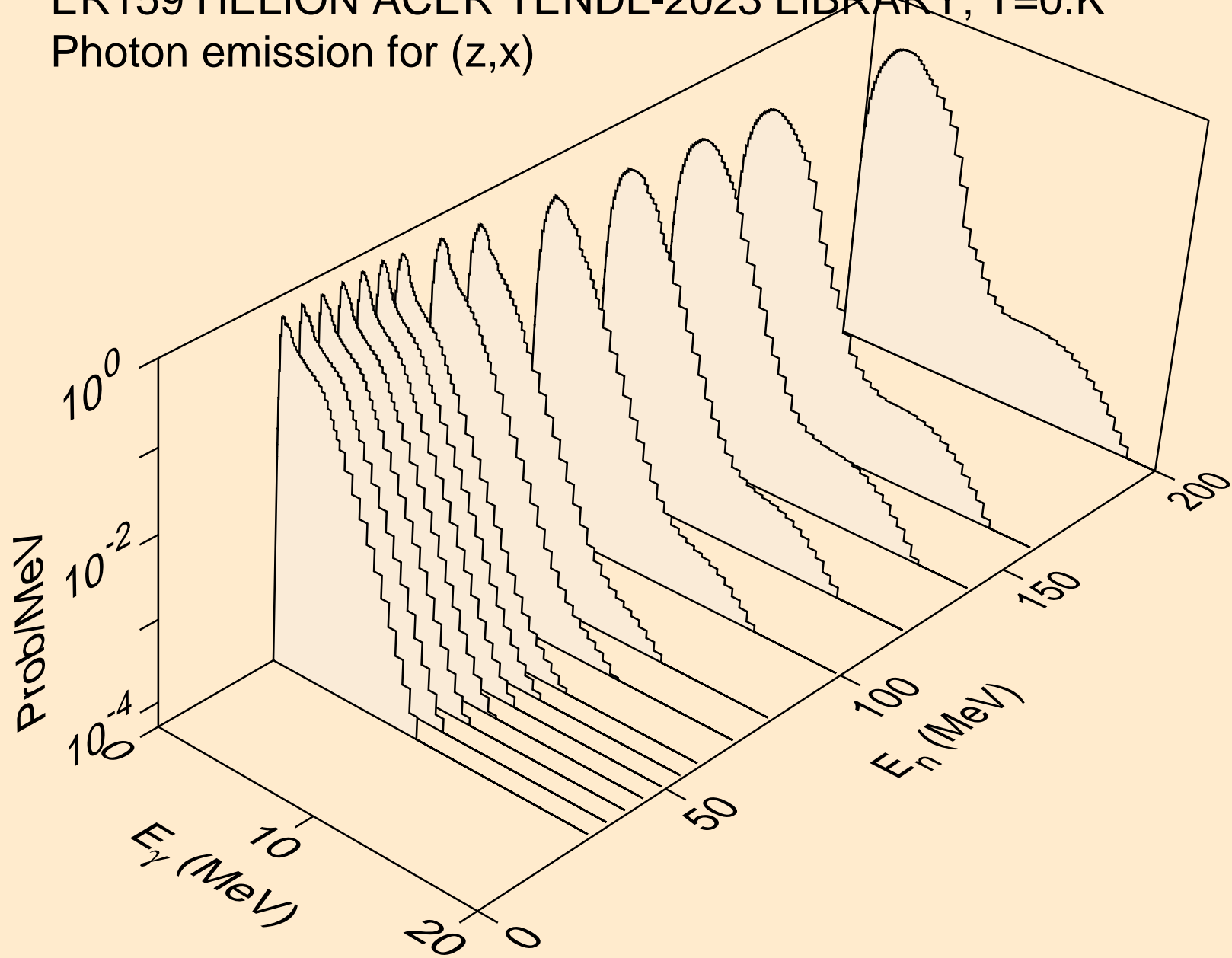
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for inelastic



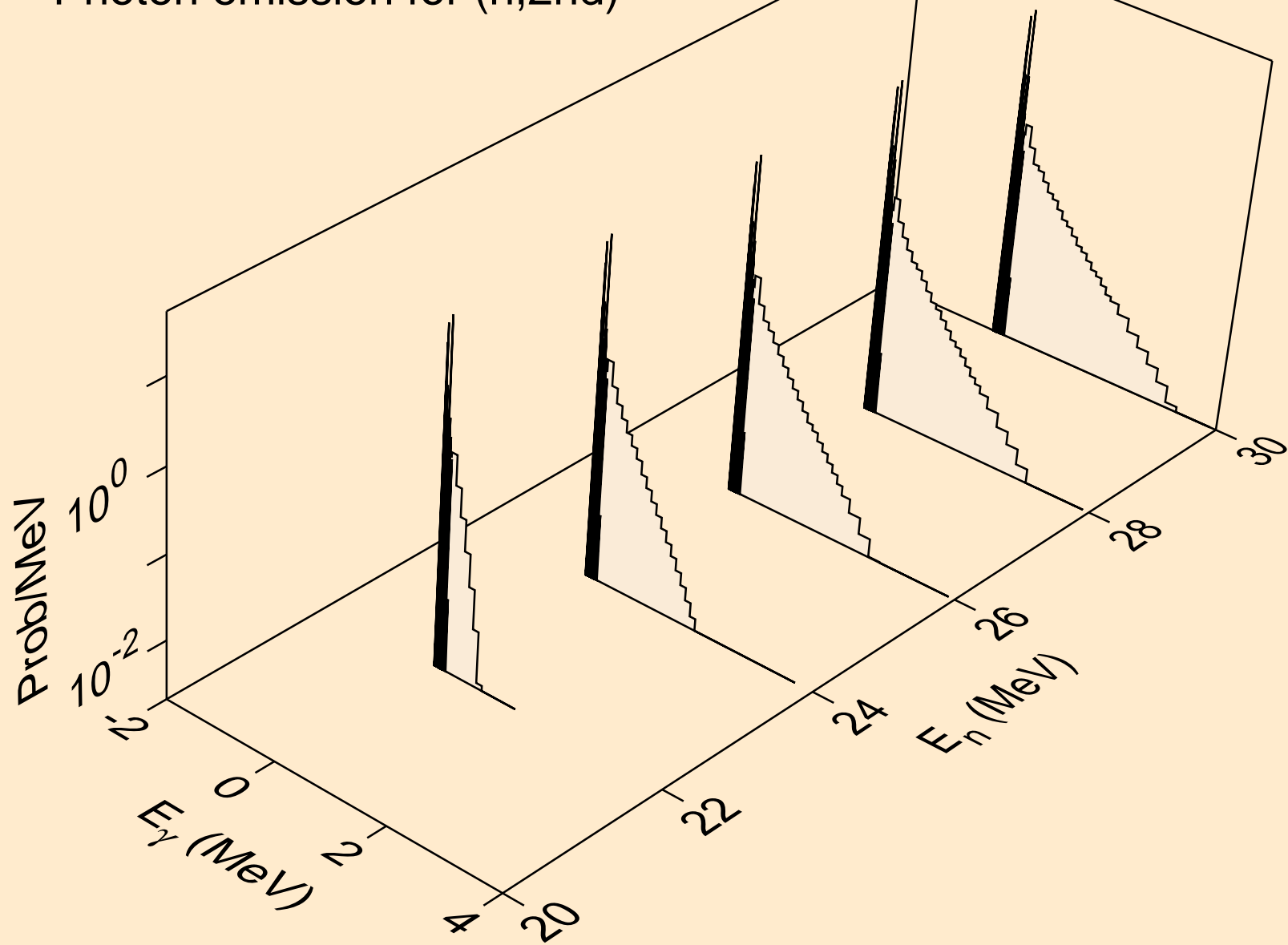
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



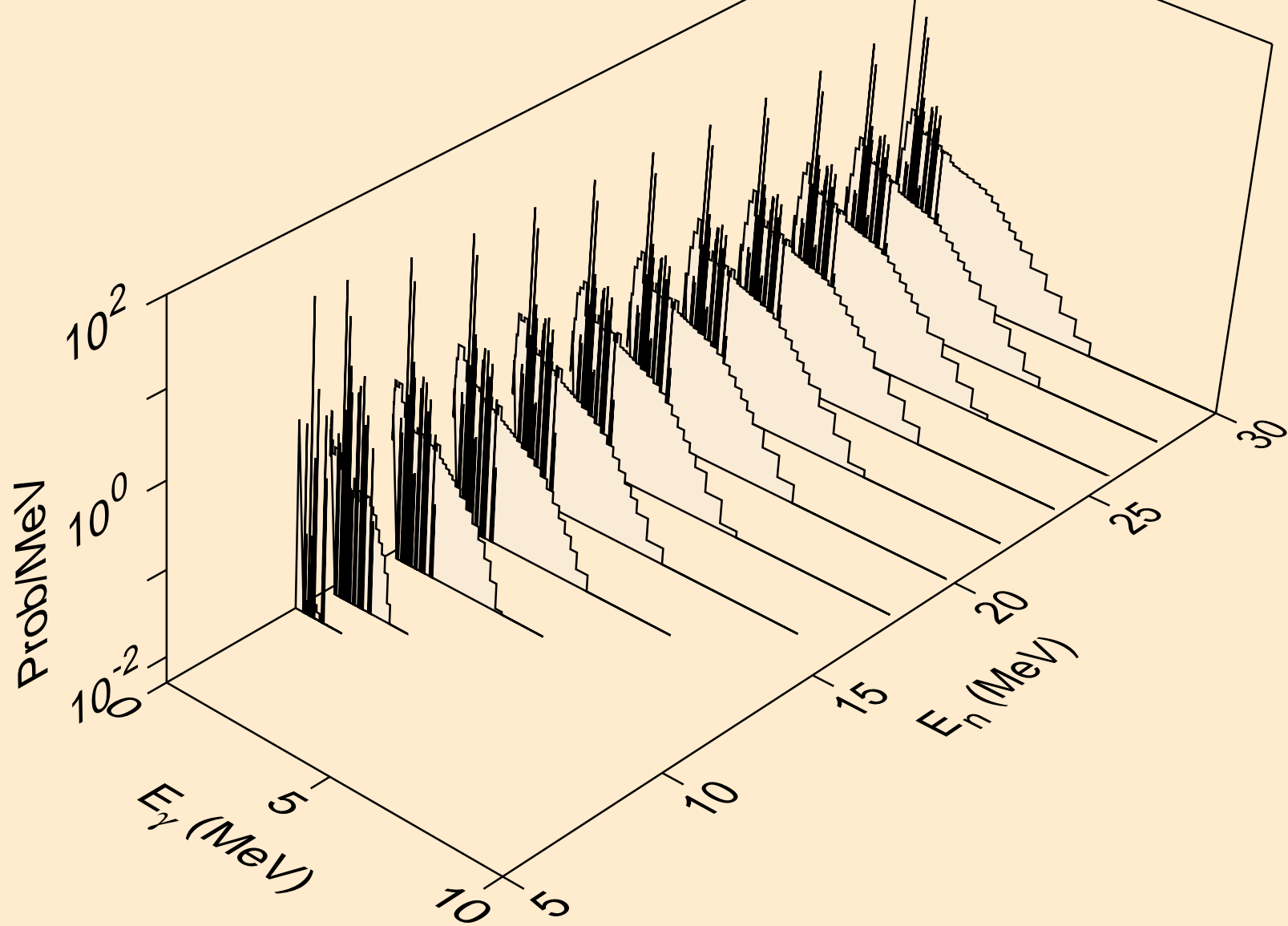
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



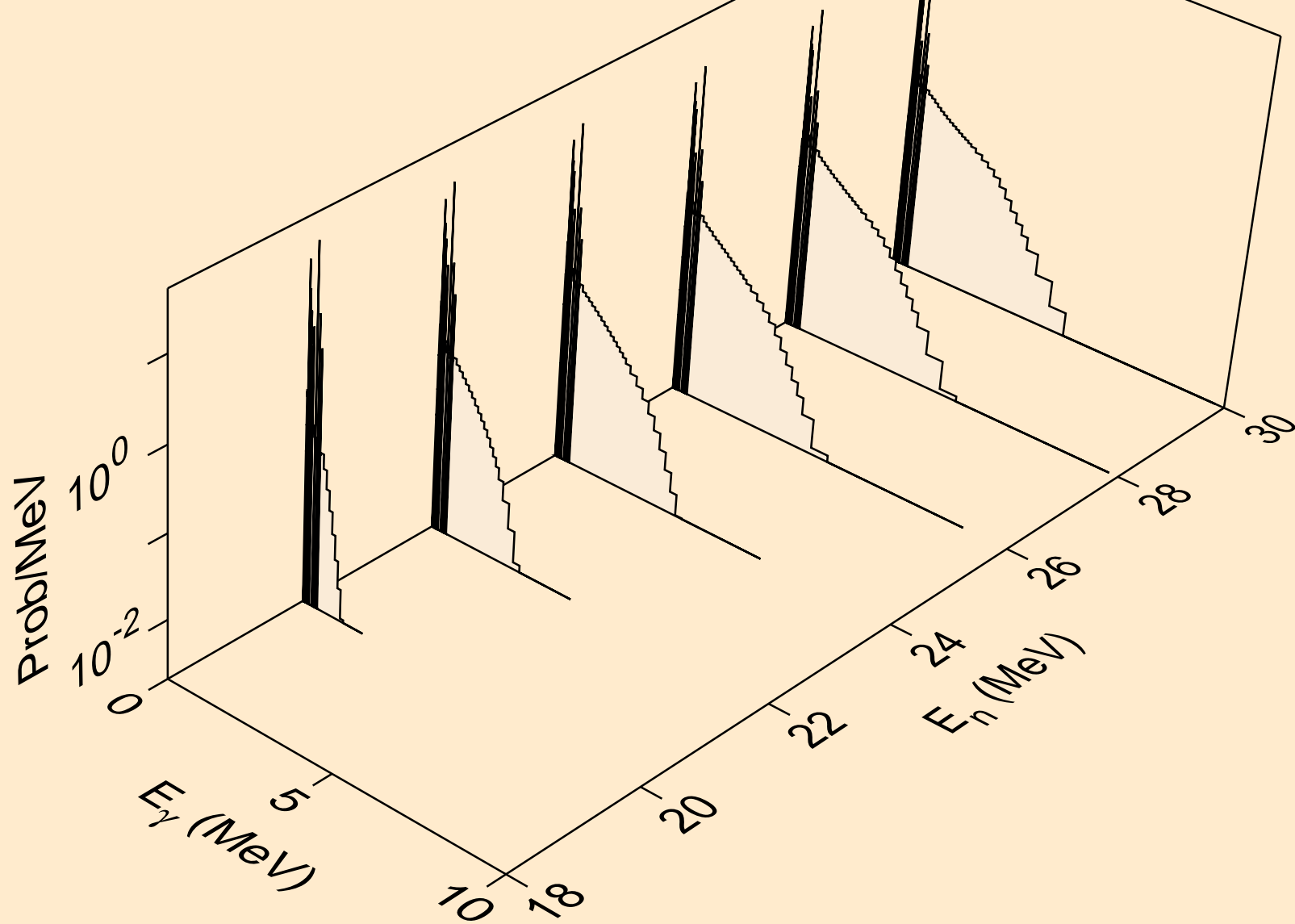
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



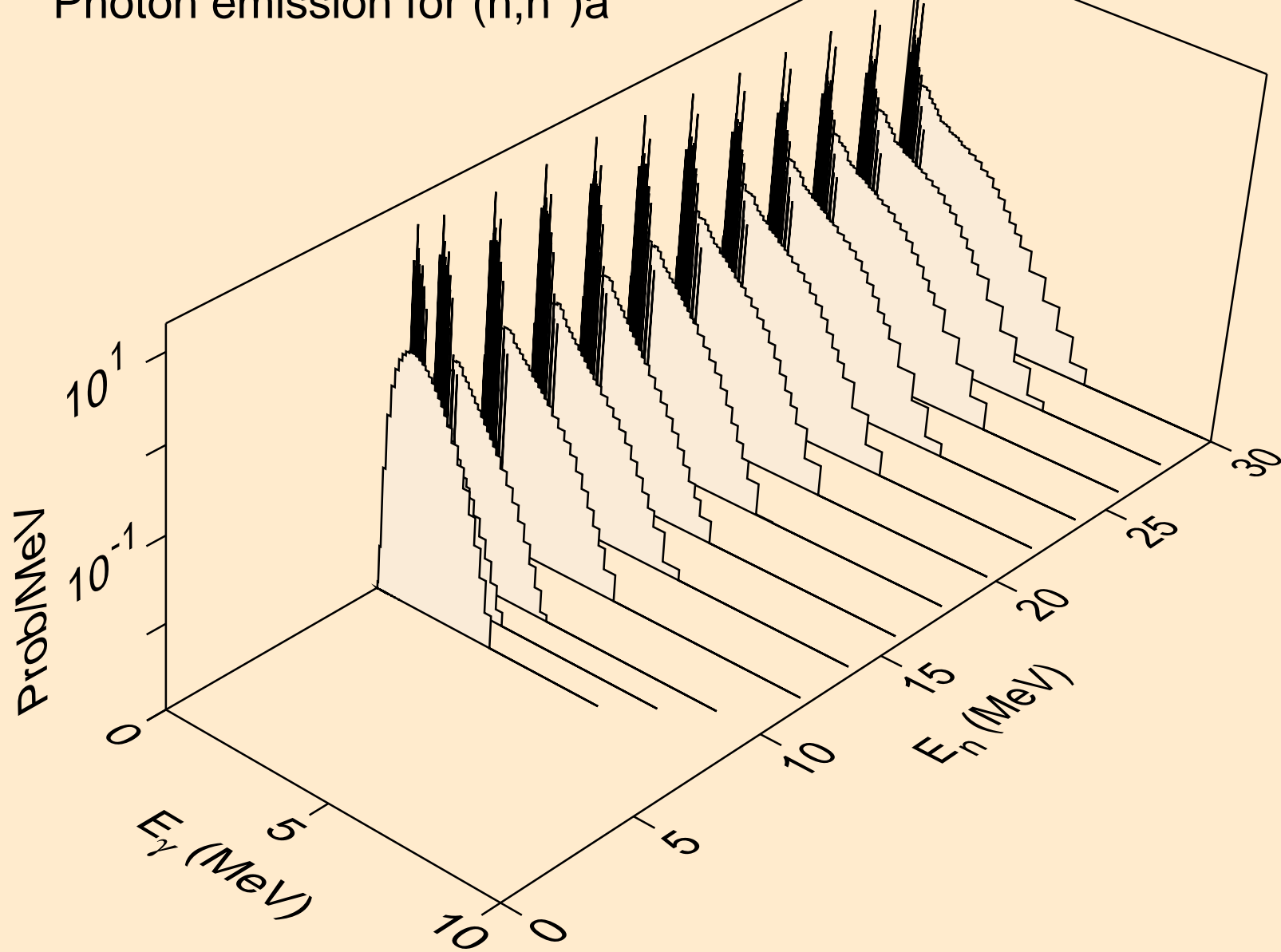
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



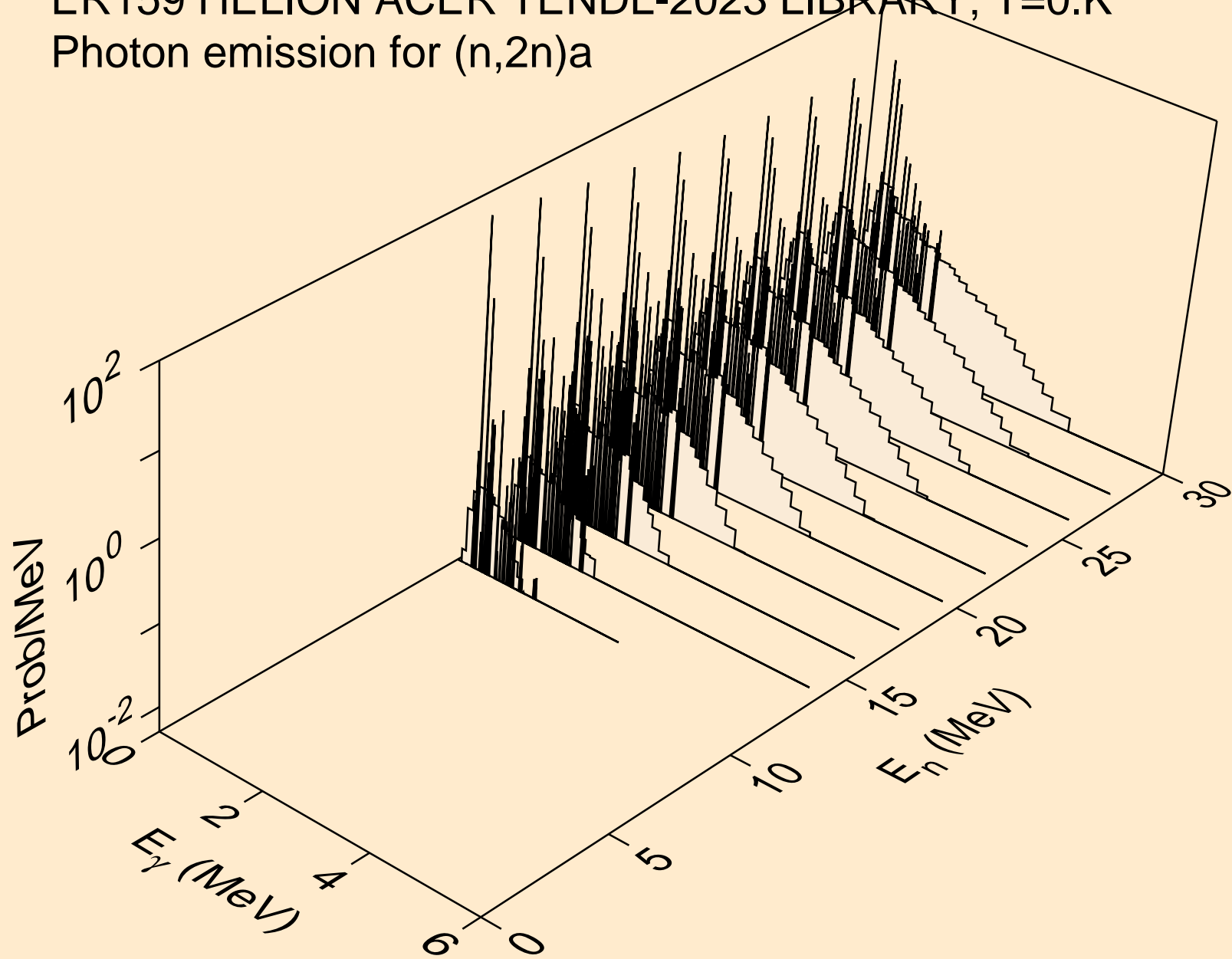
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

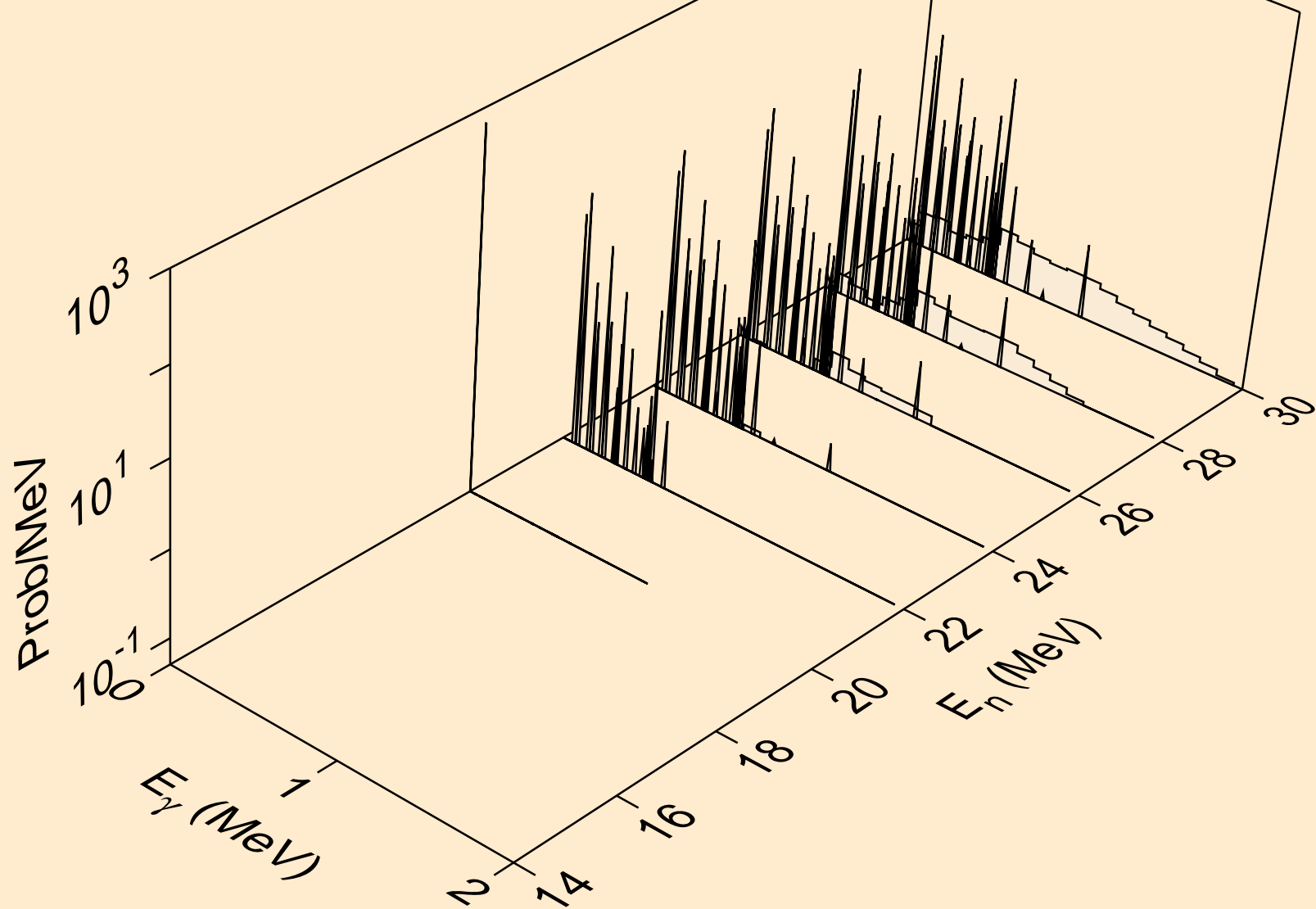


ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

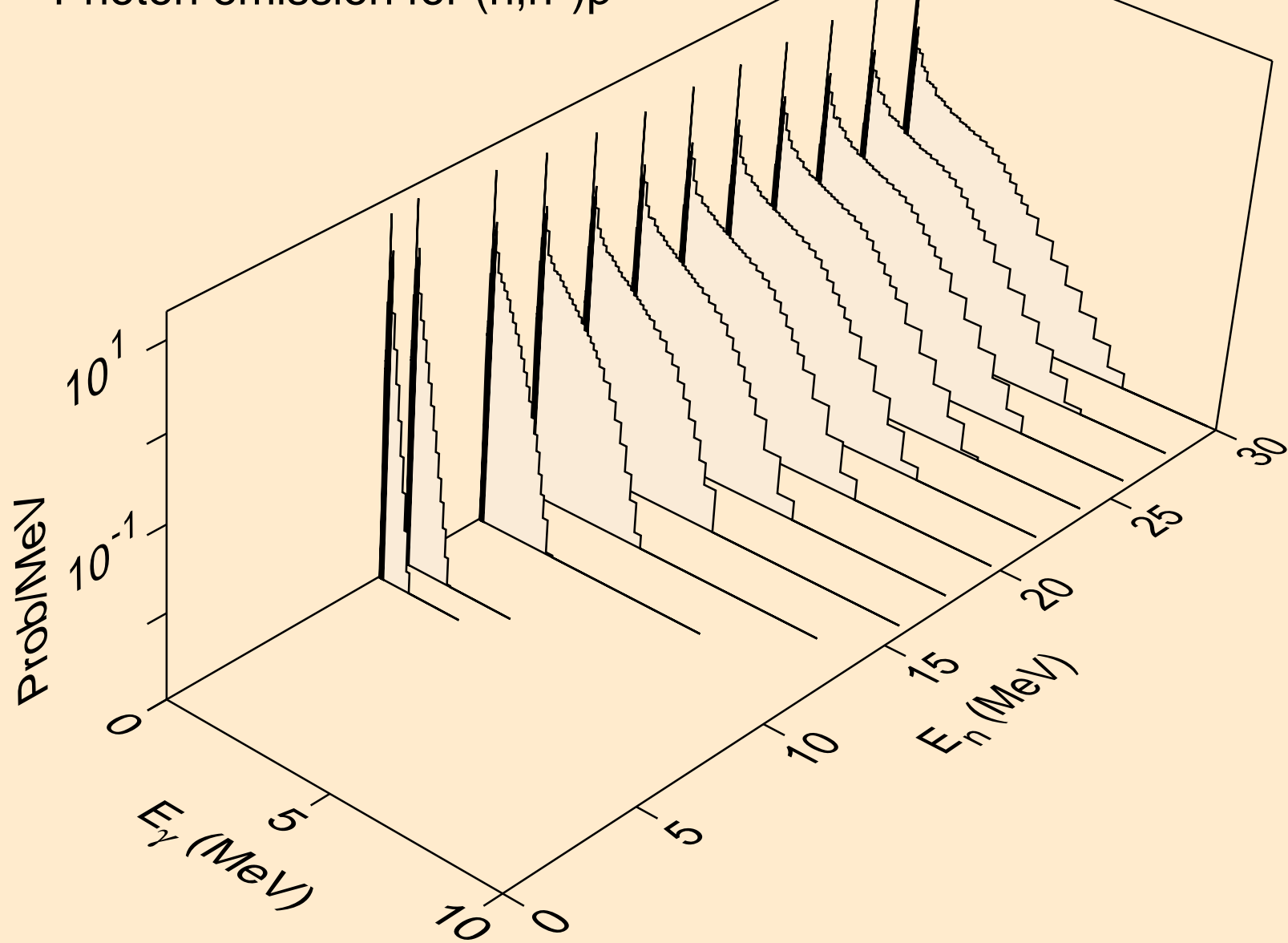




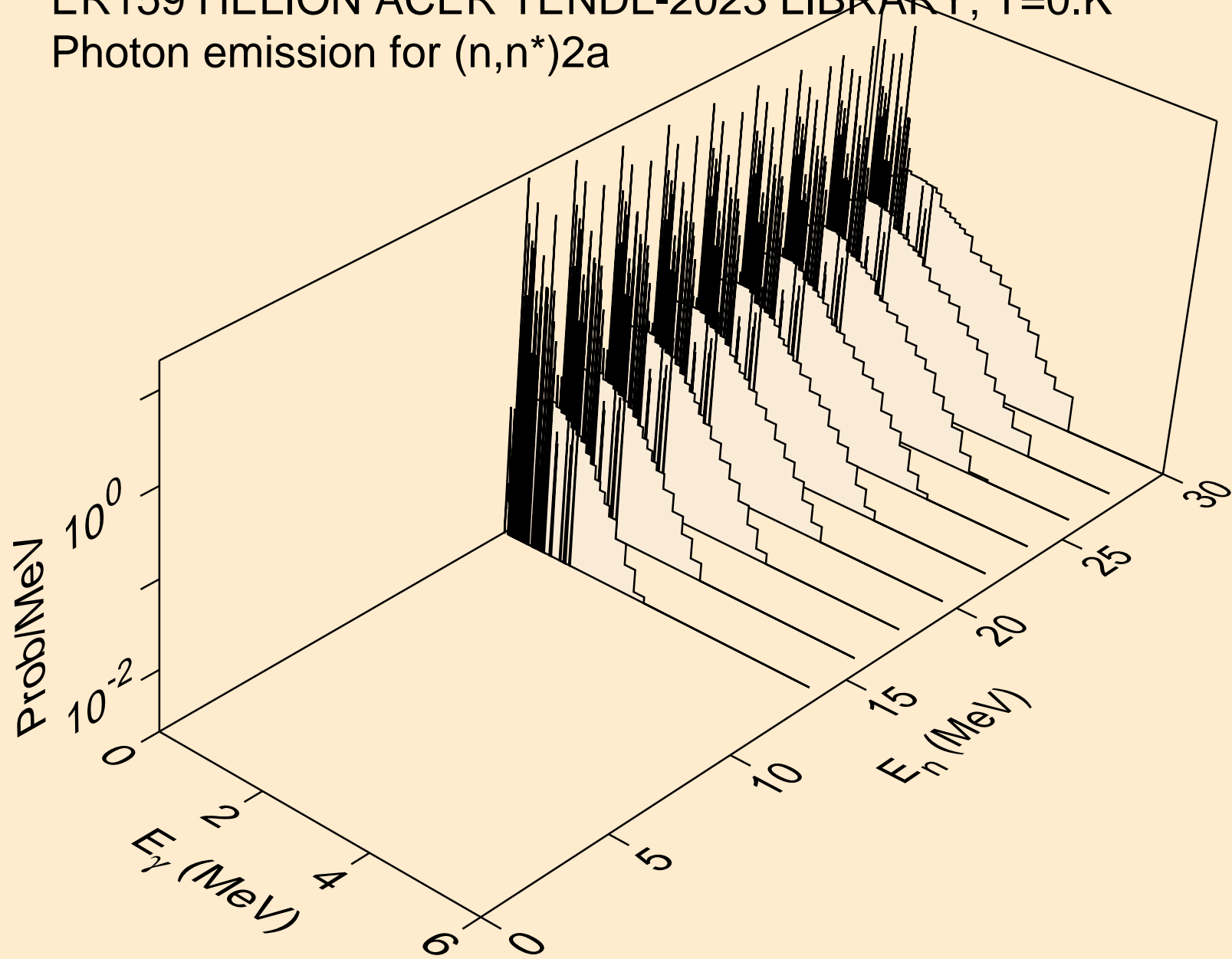
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



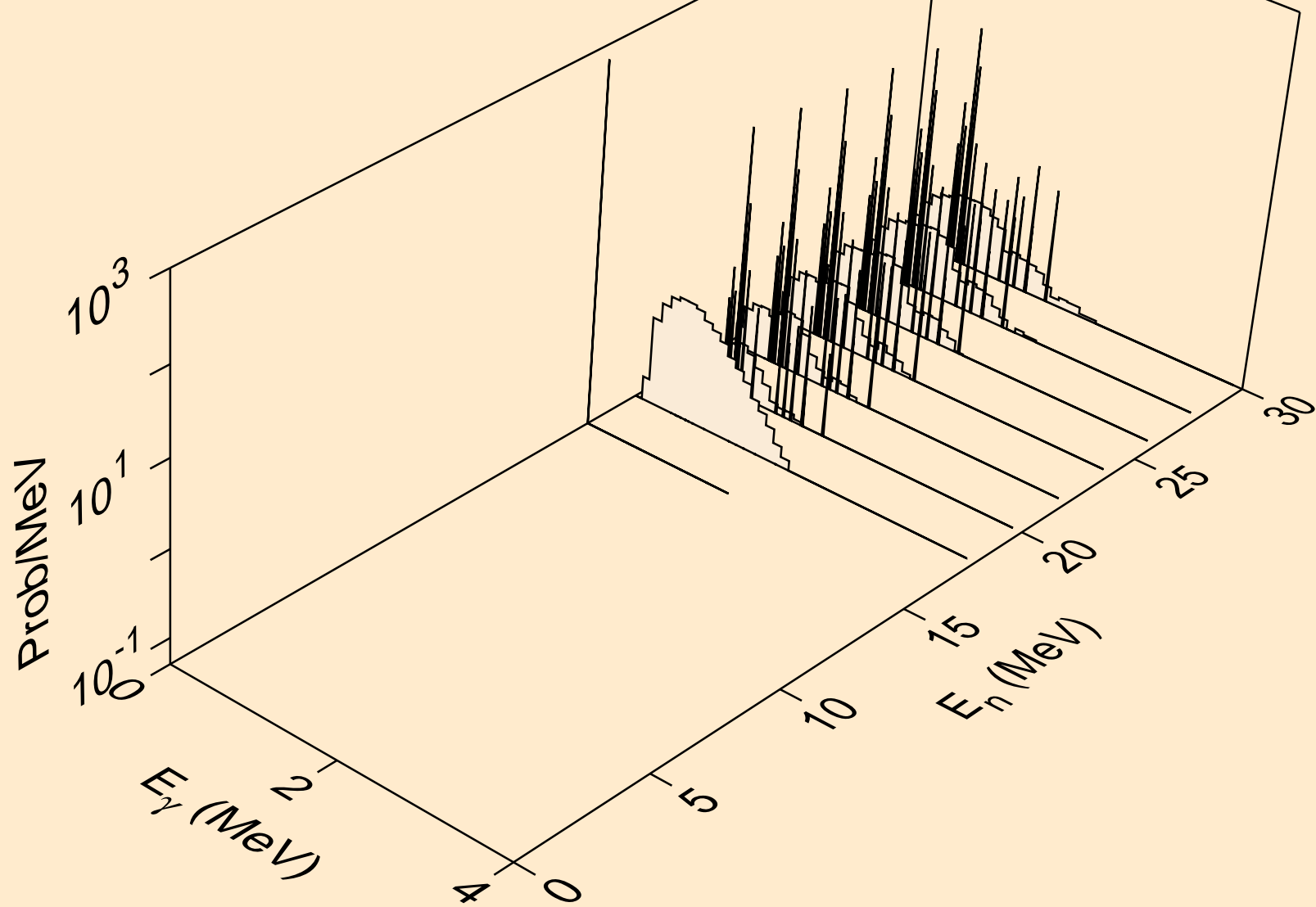
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



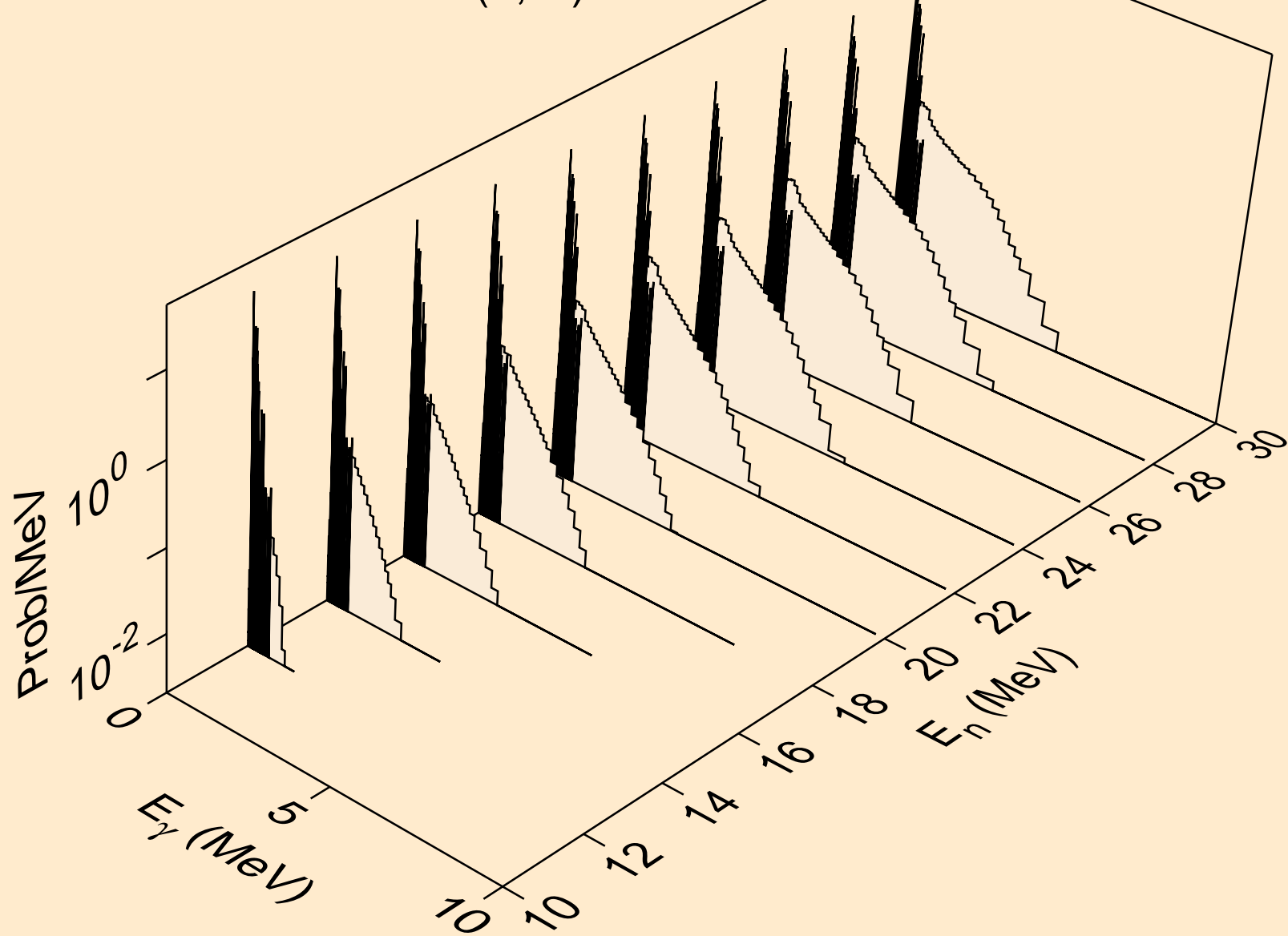
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



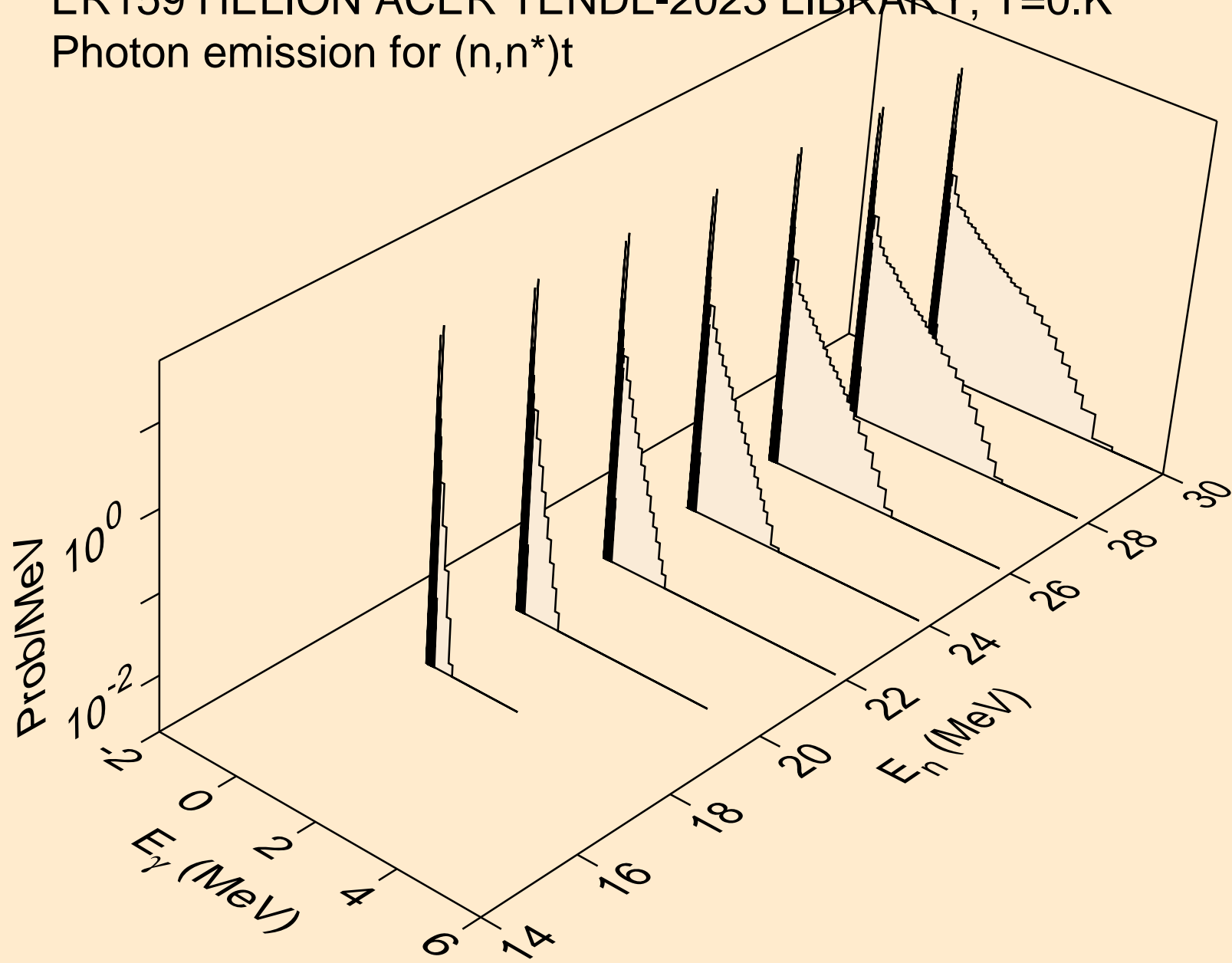
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)2a



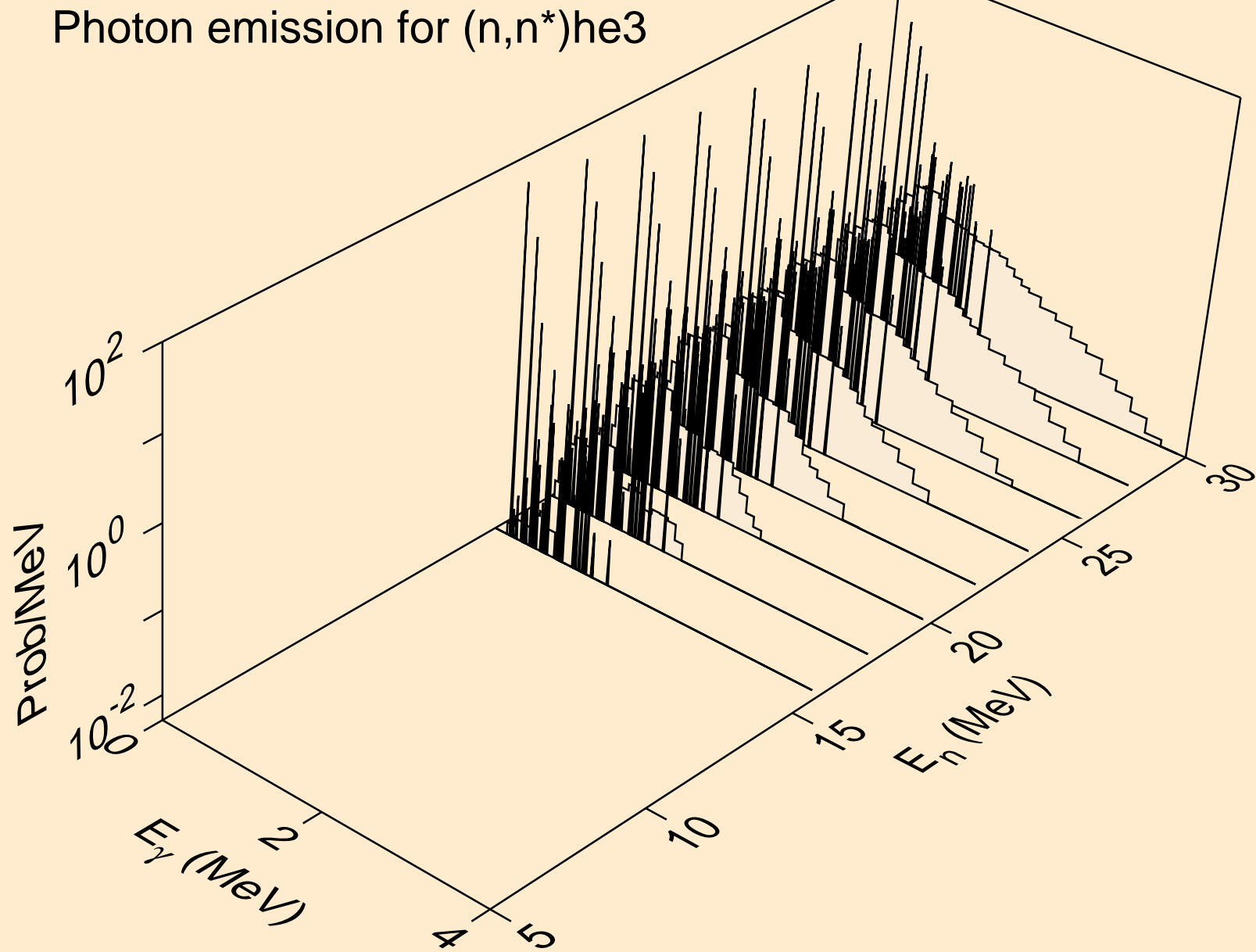
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



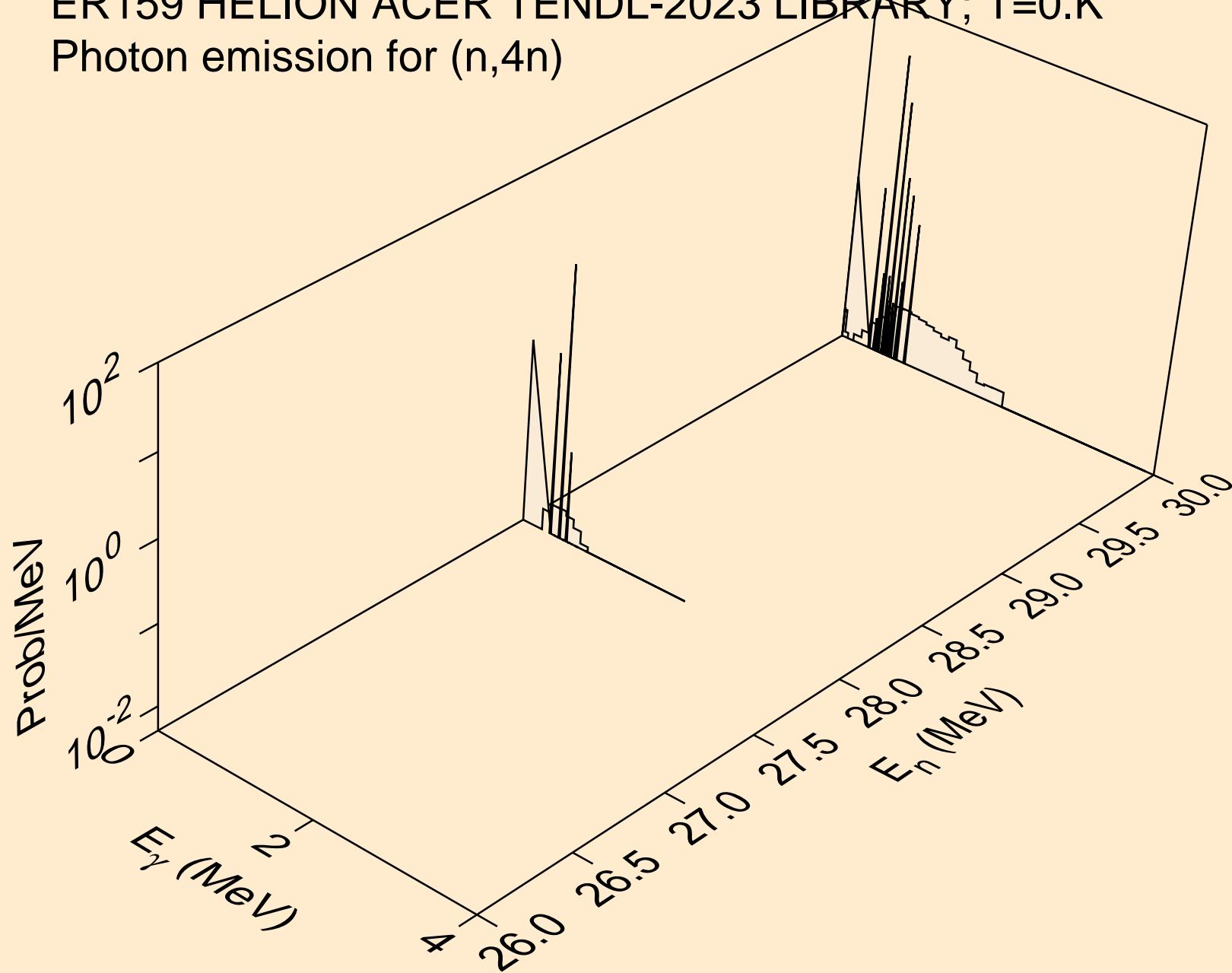
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

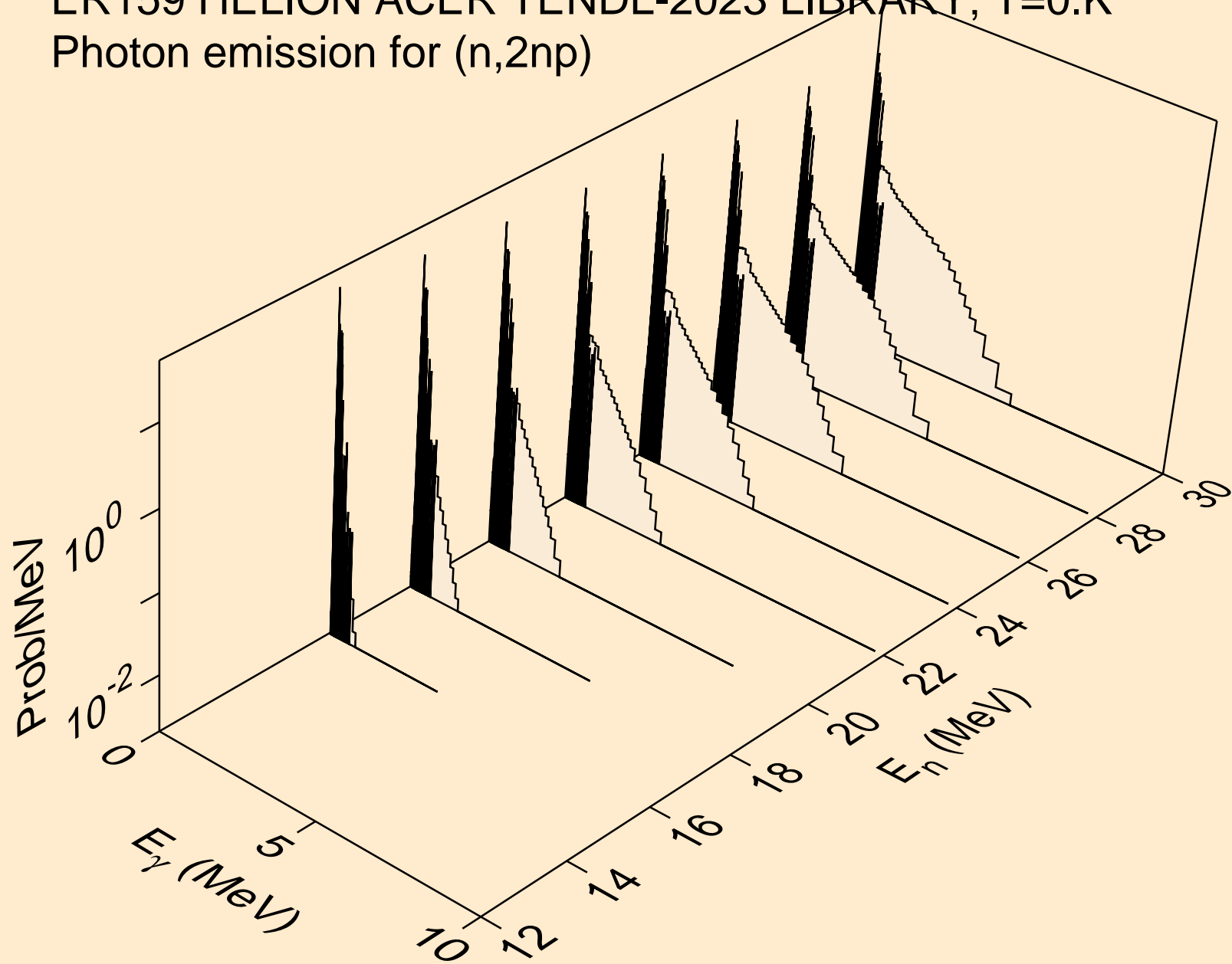


ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)

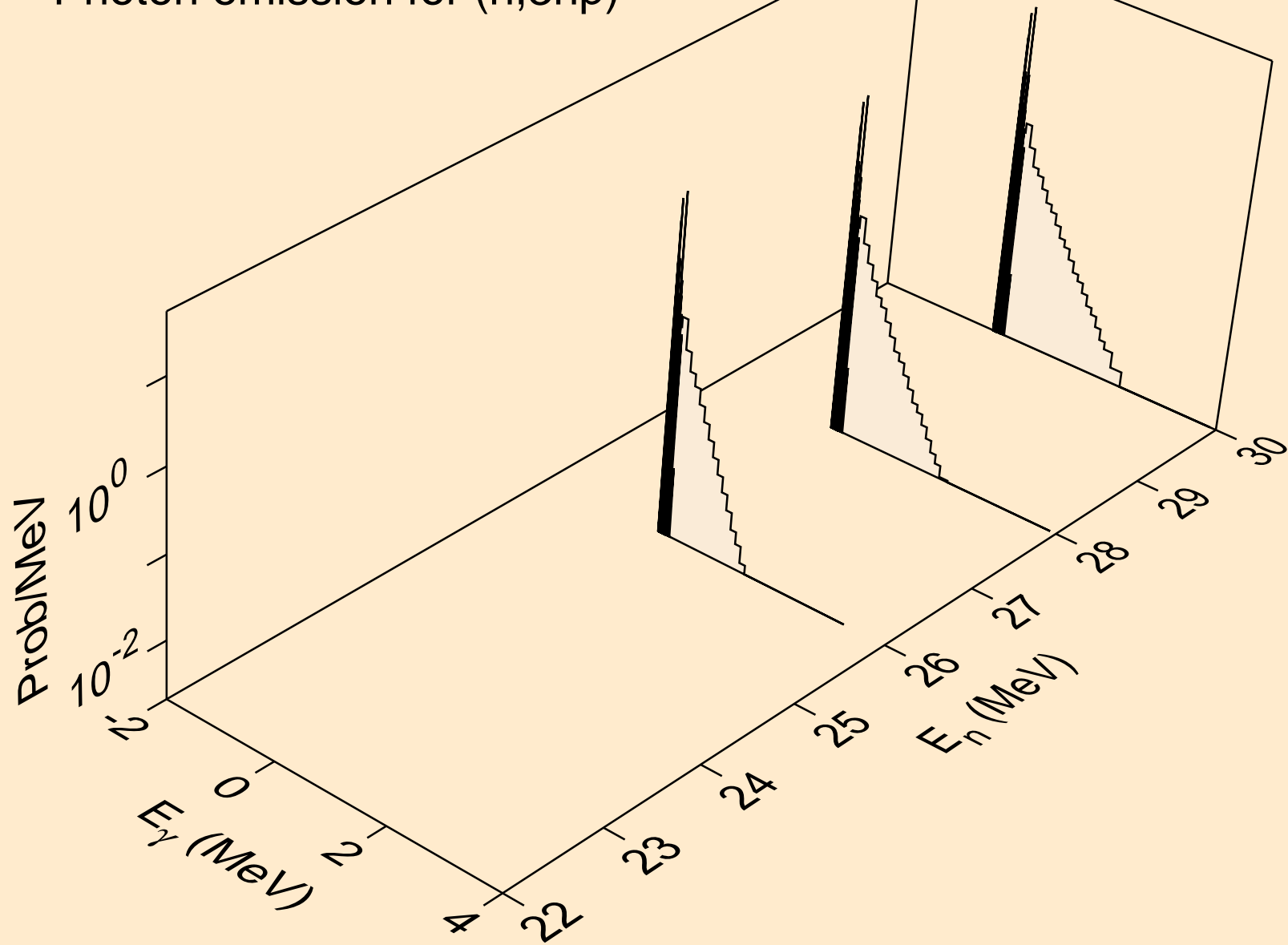




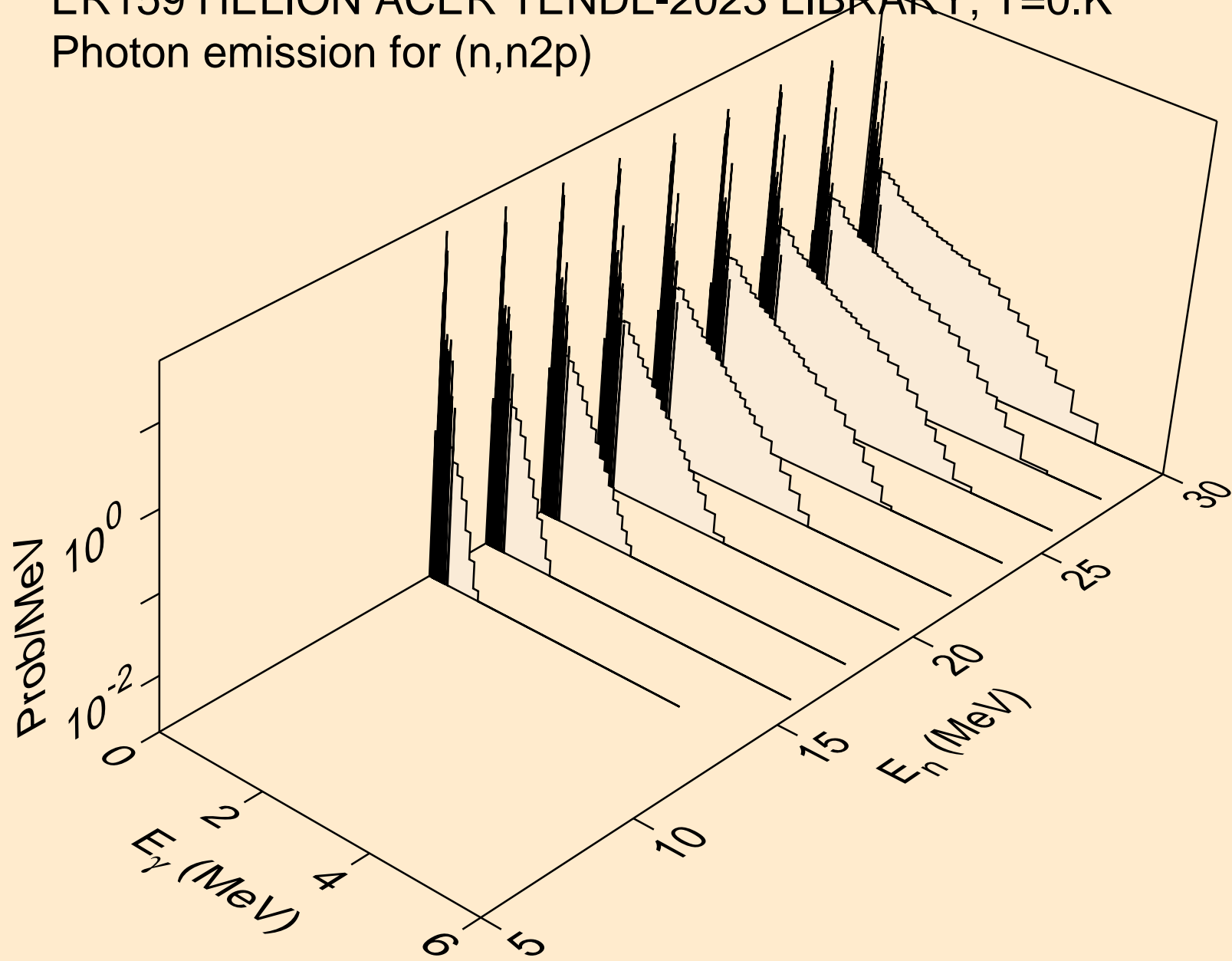
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



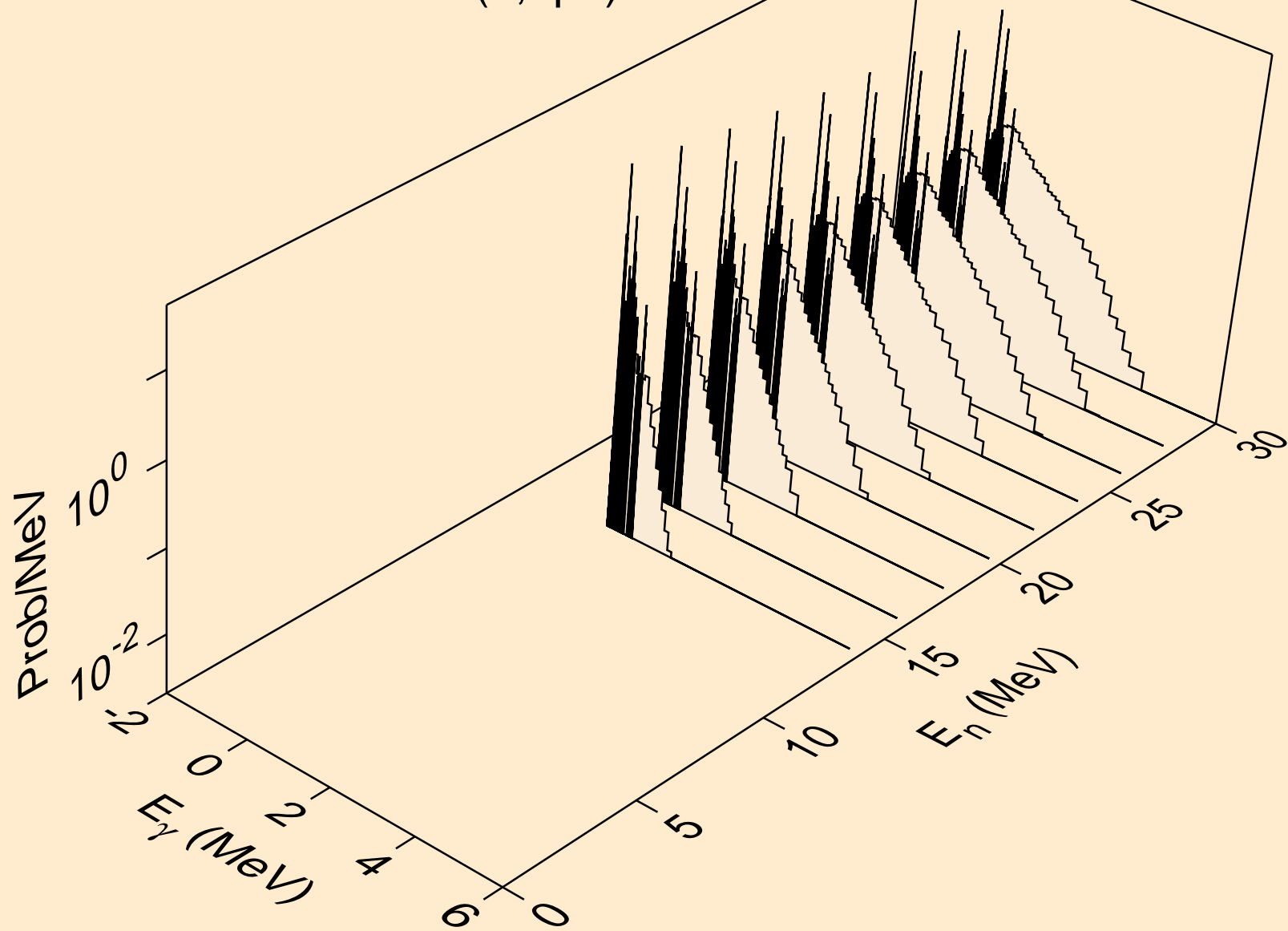
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



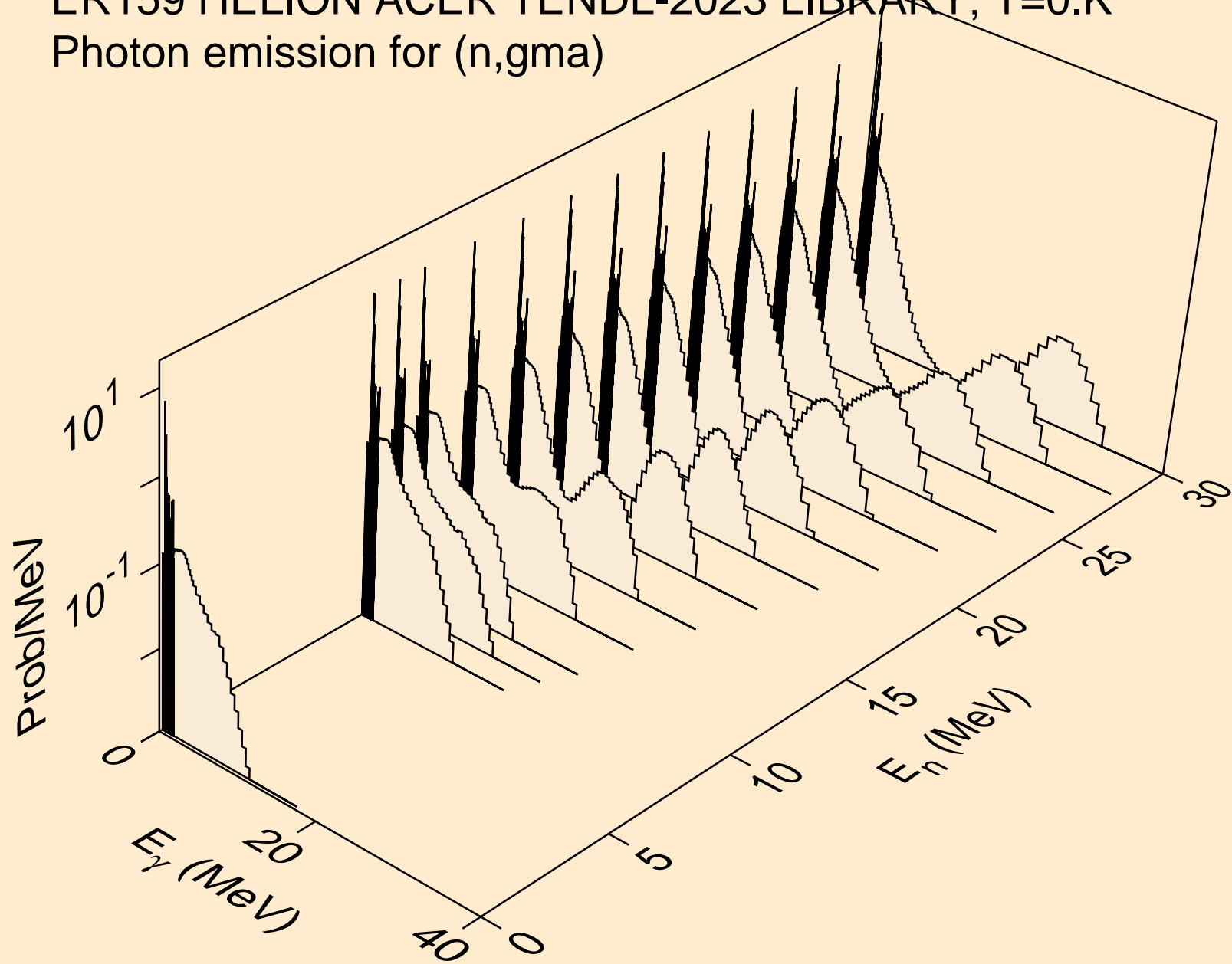
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



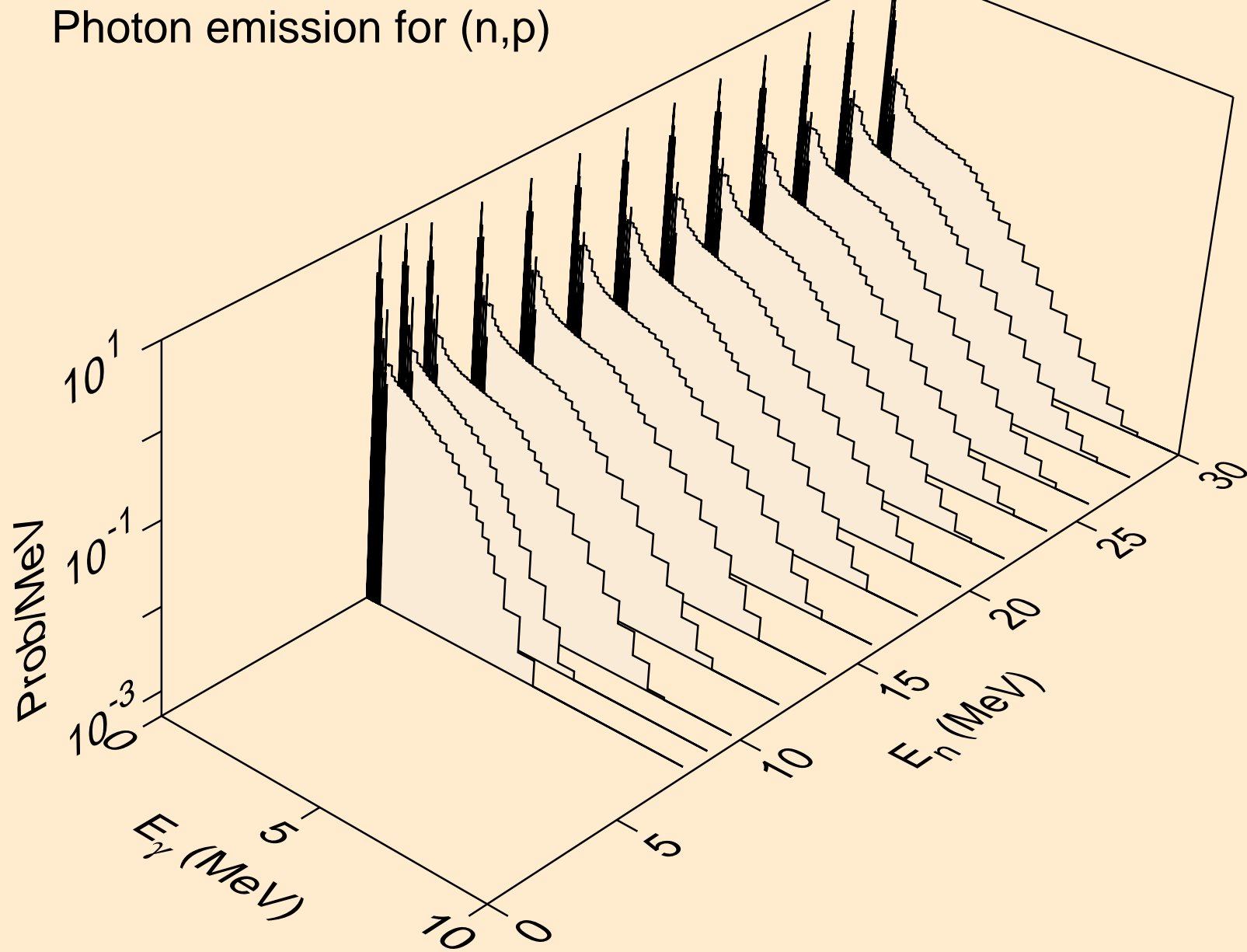
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



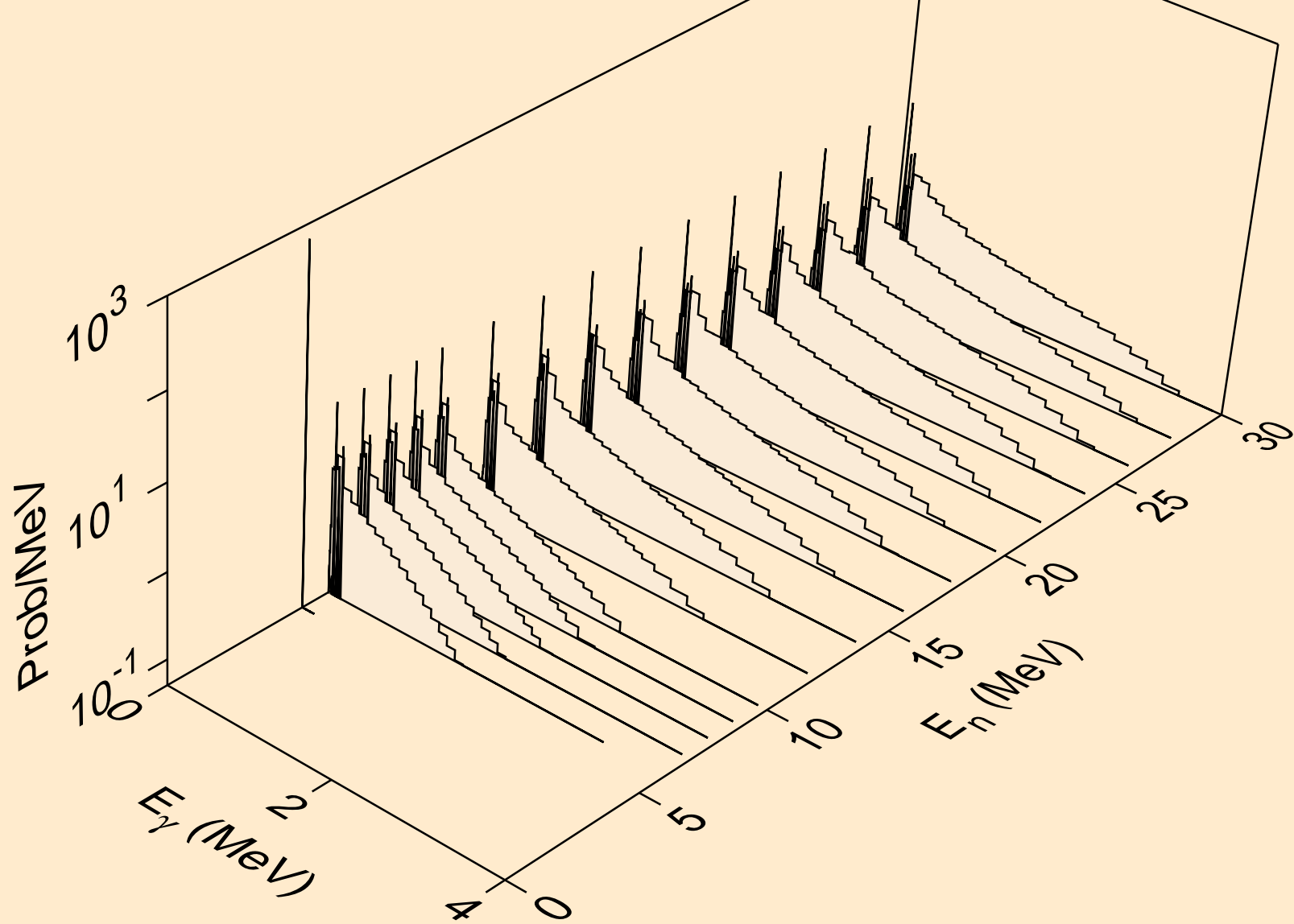
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



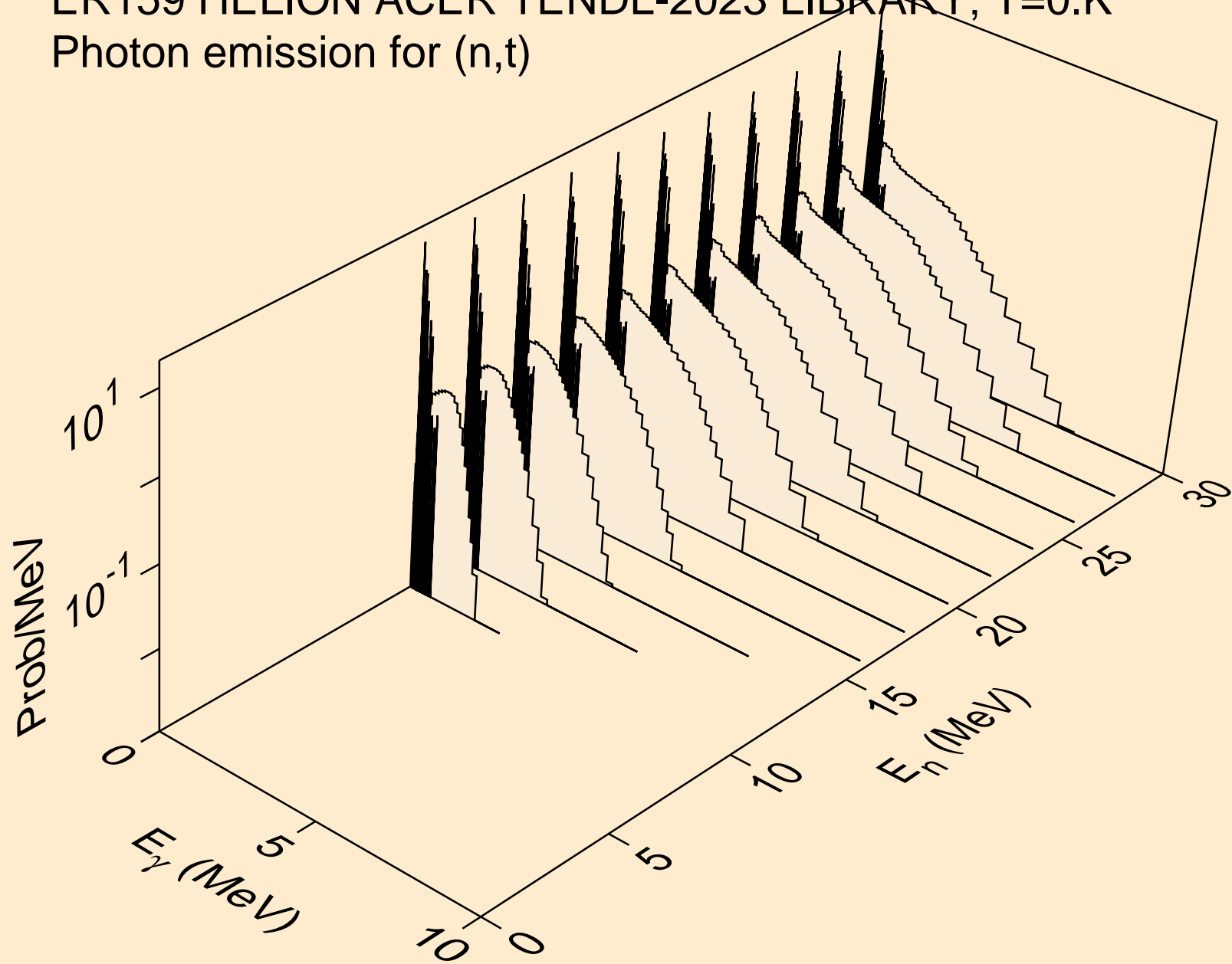
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)

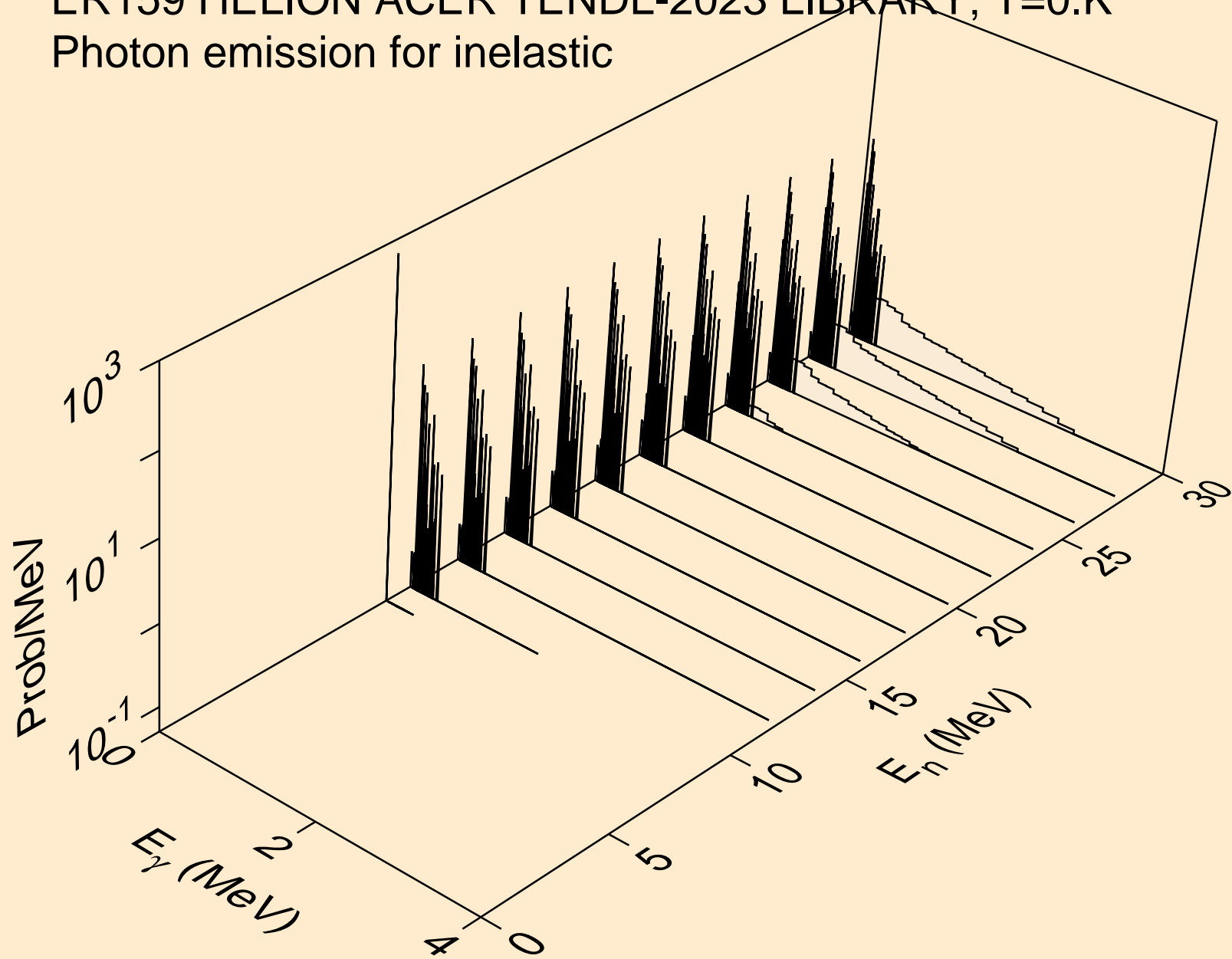


ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)

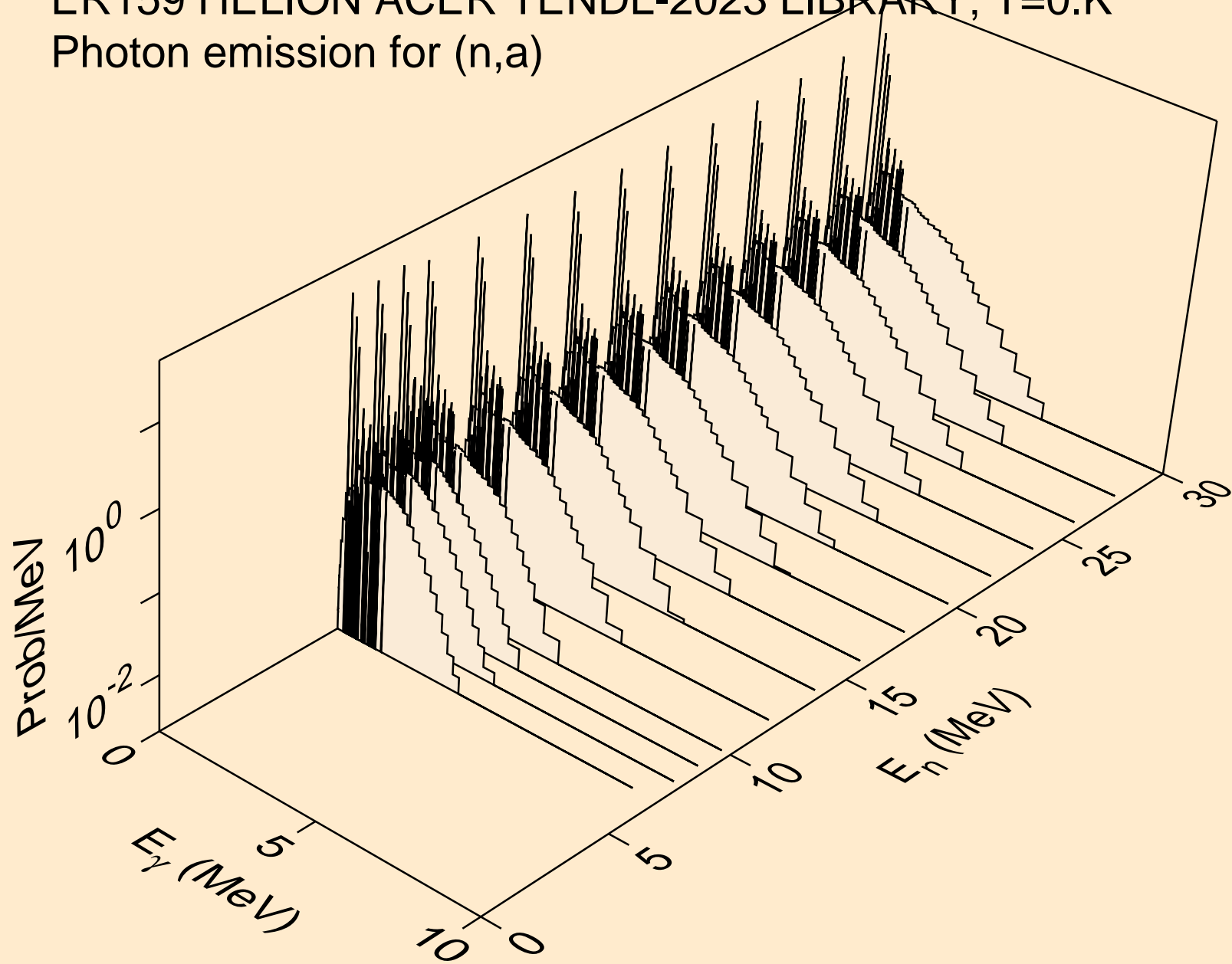




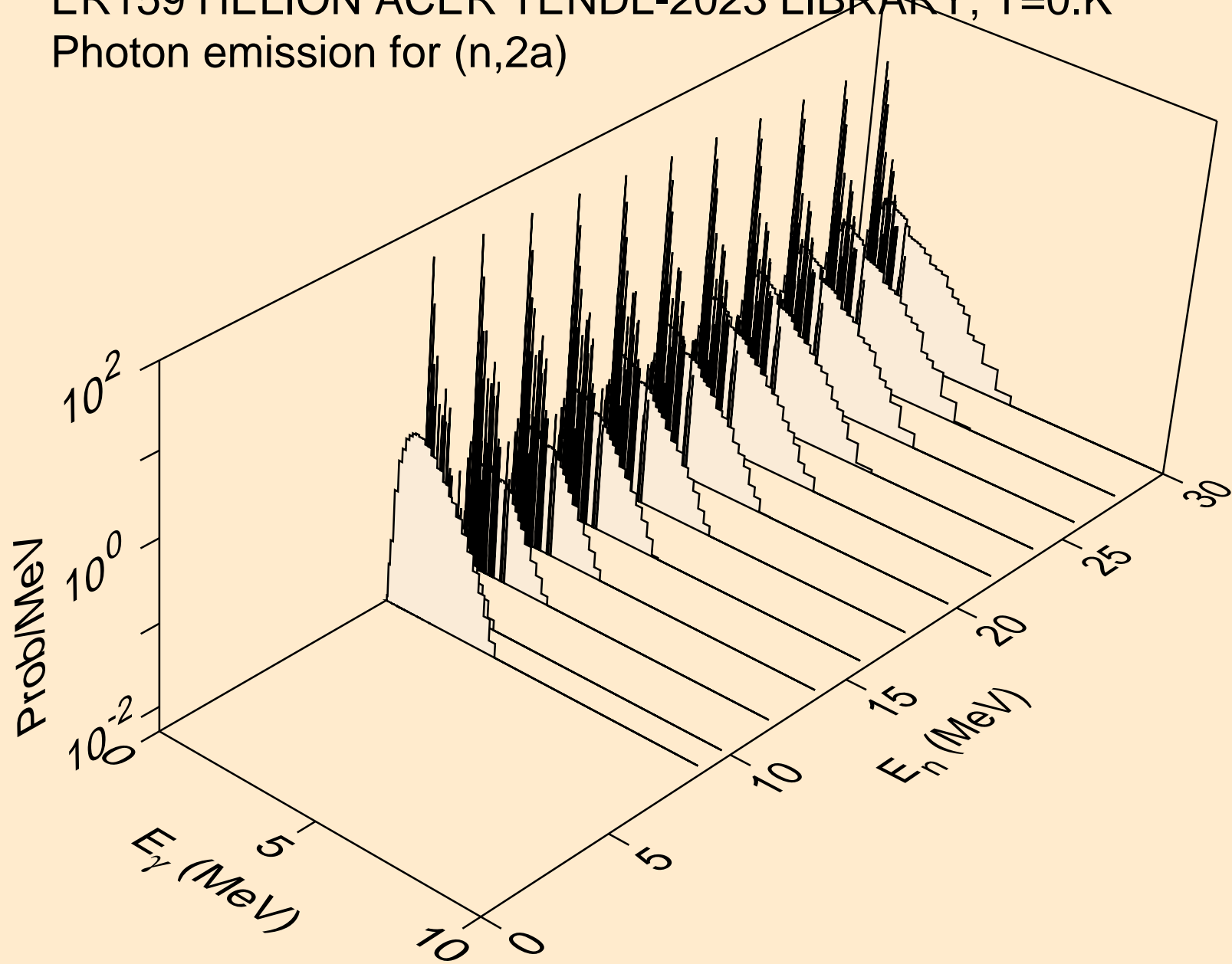
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



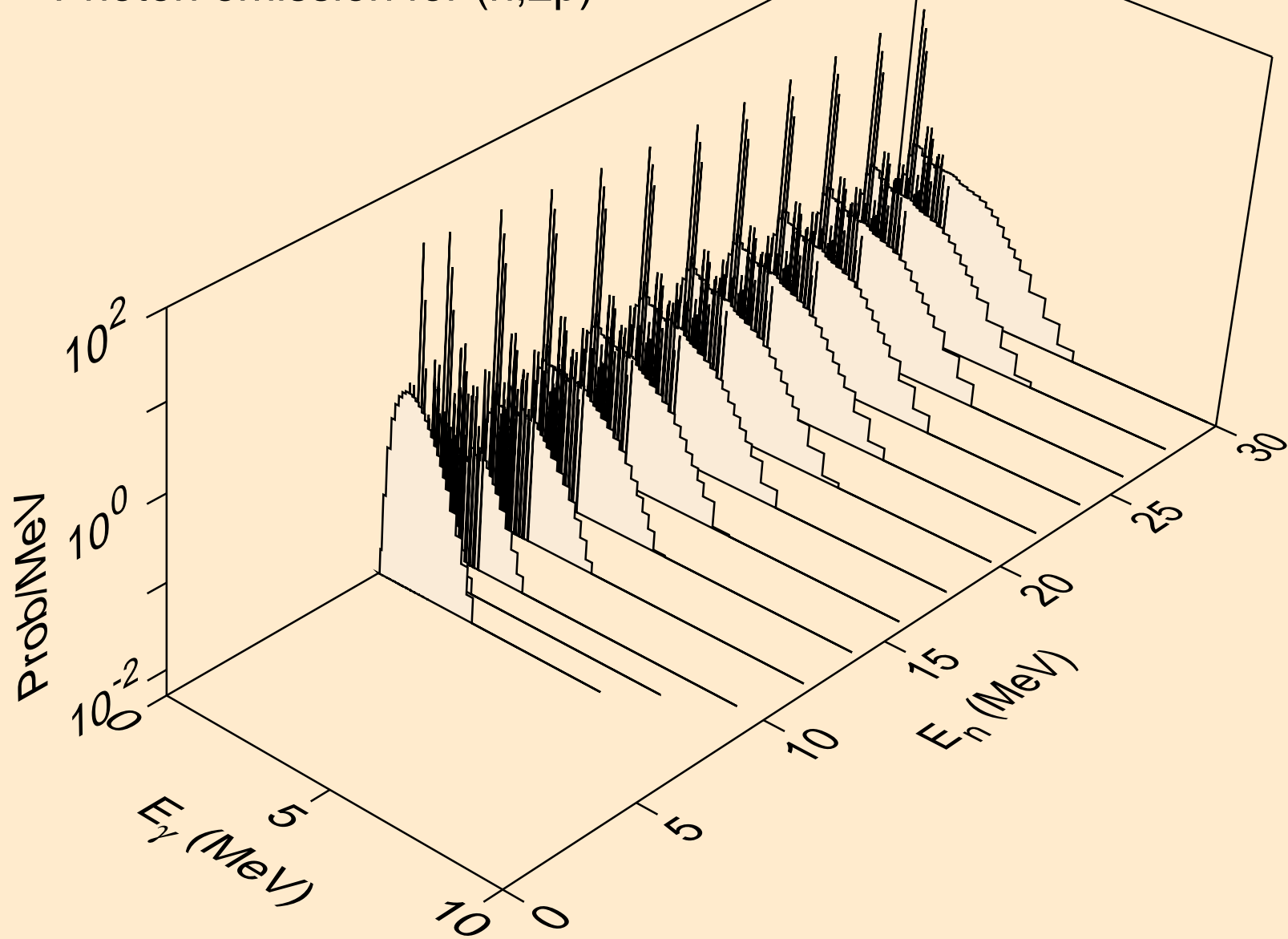
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



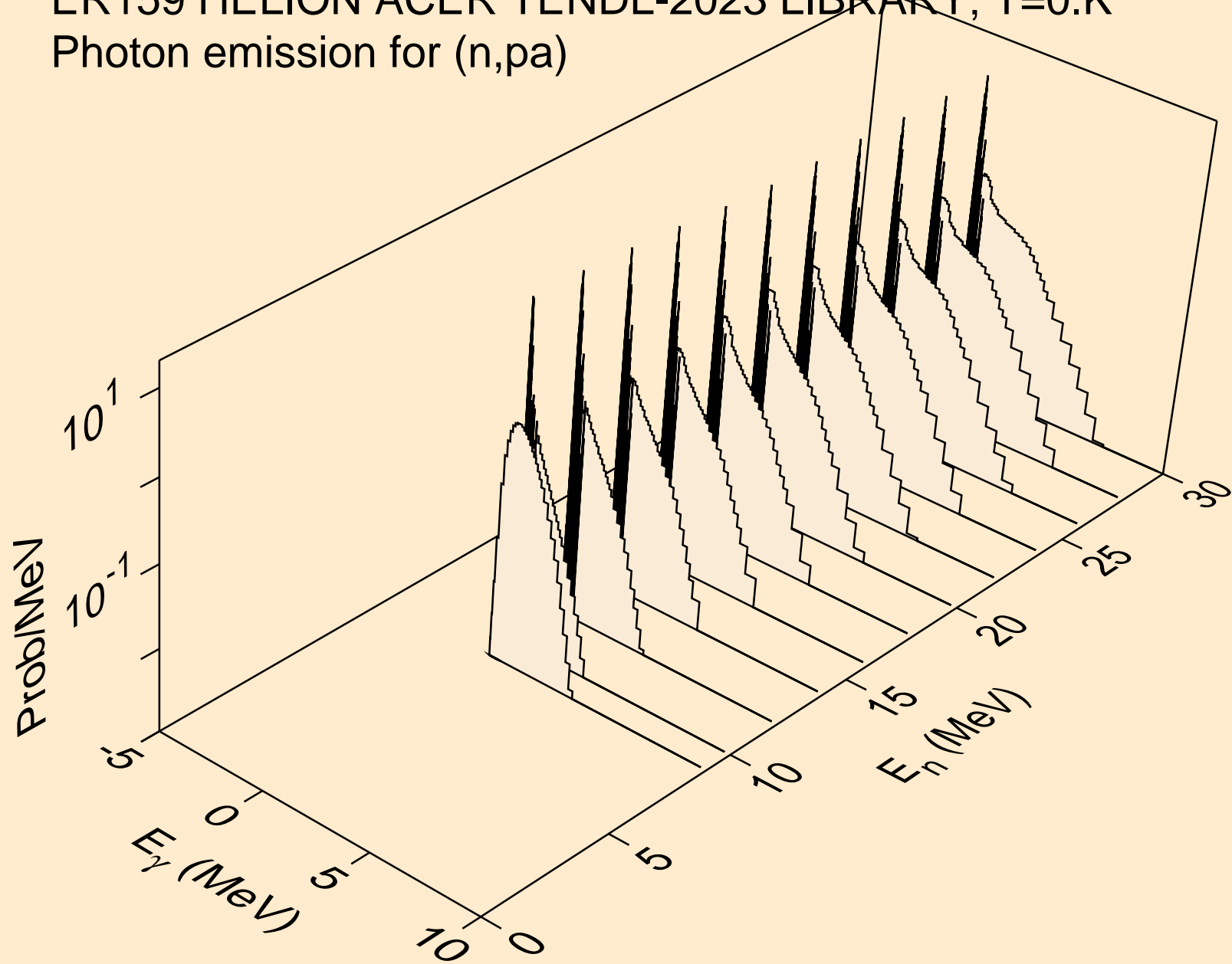
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



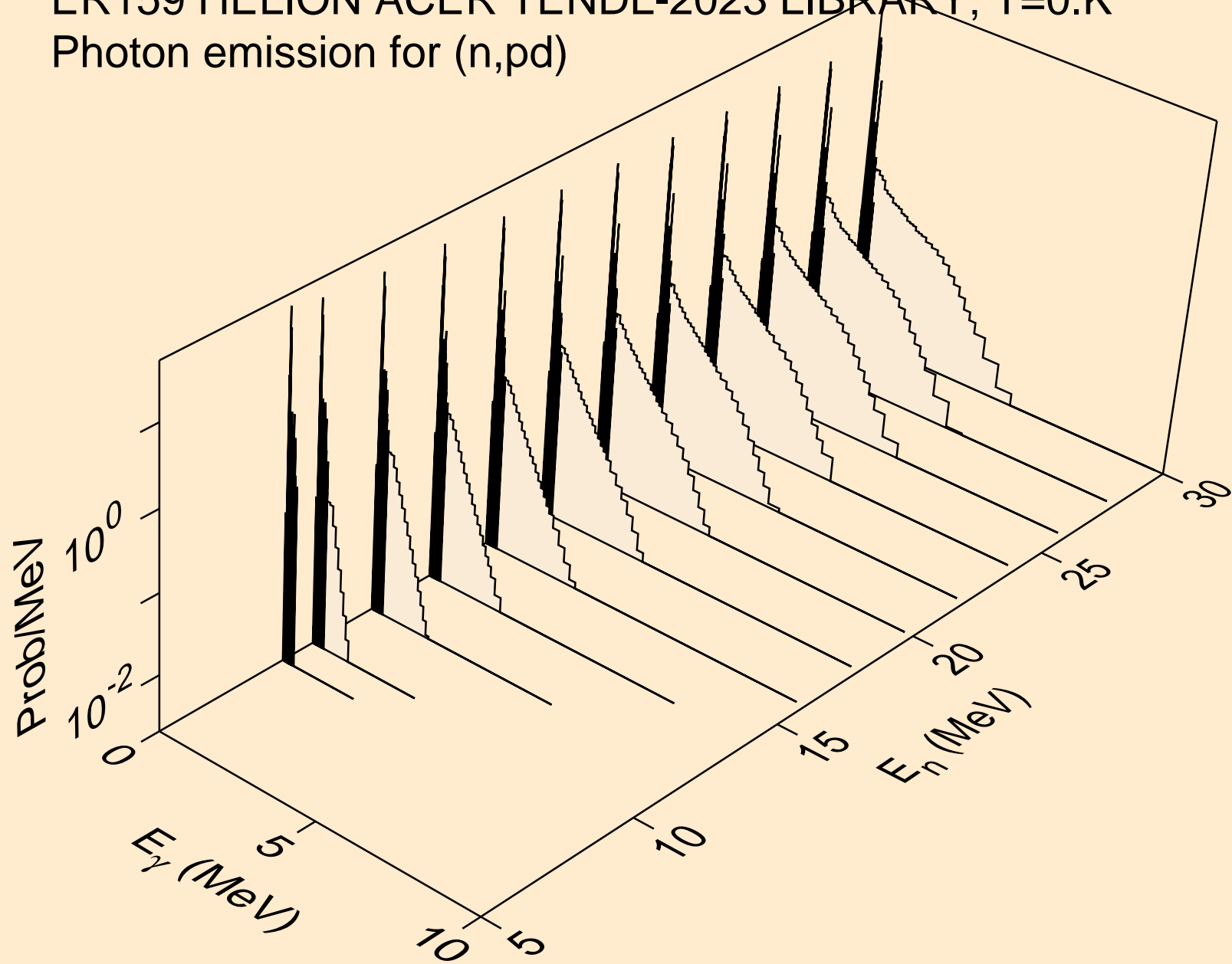
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



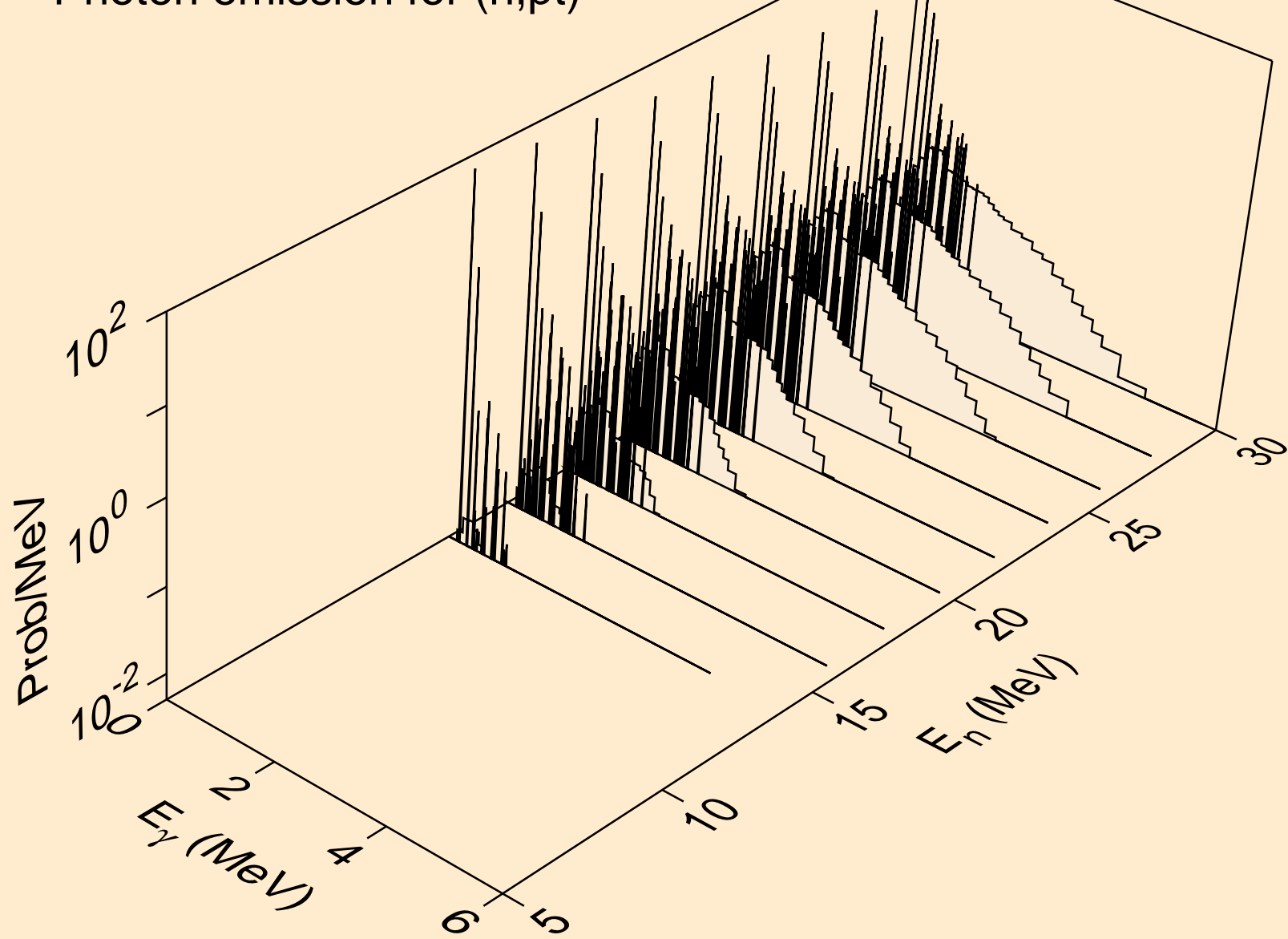
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



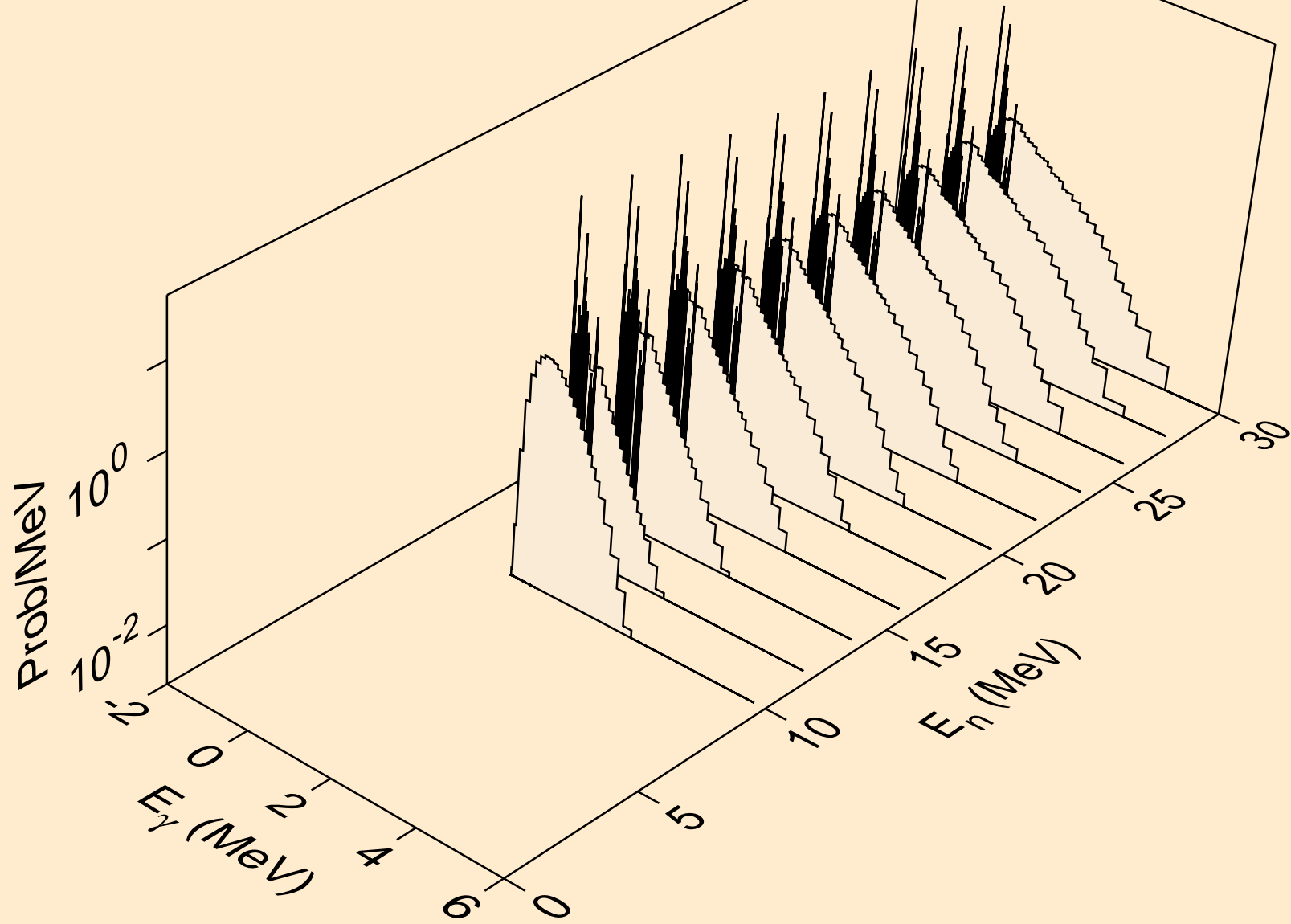
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)

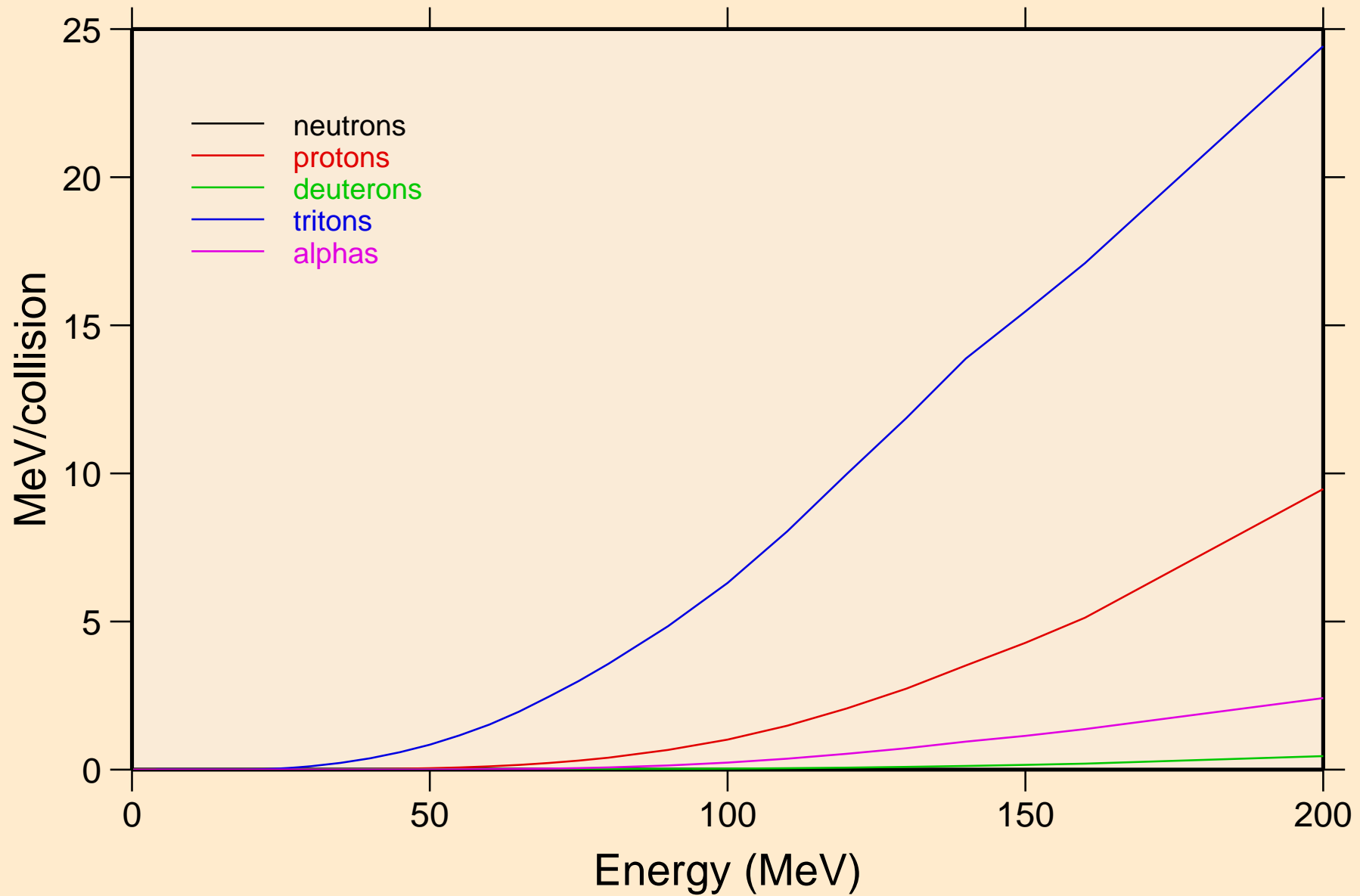


ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)

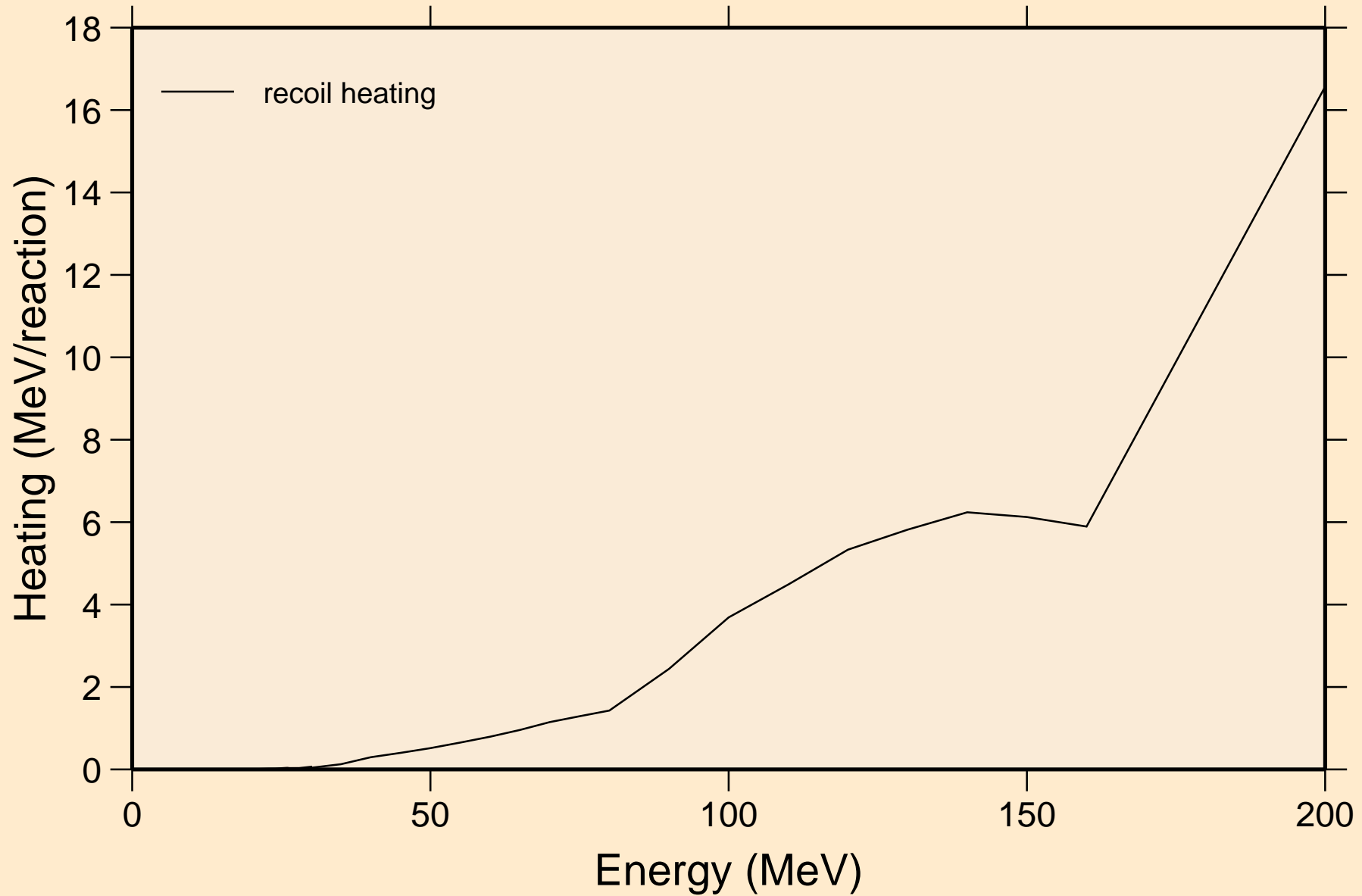




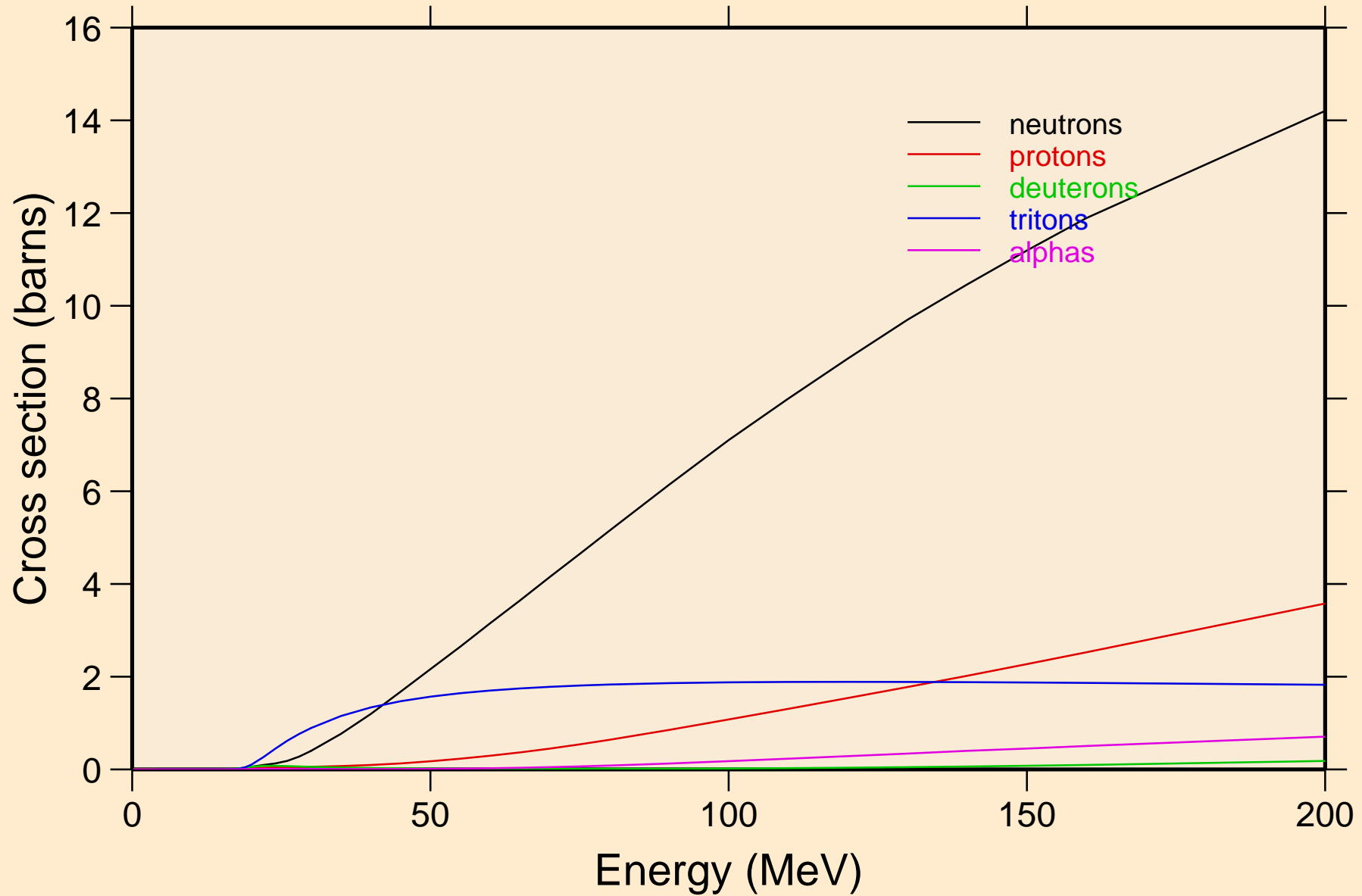
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



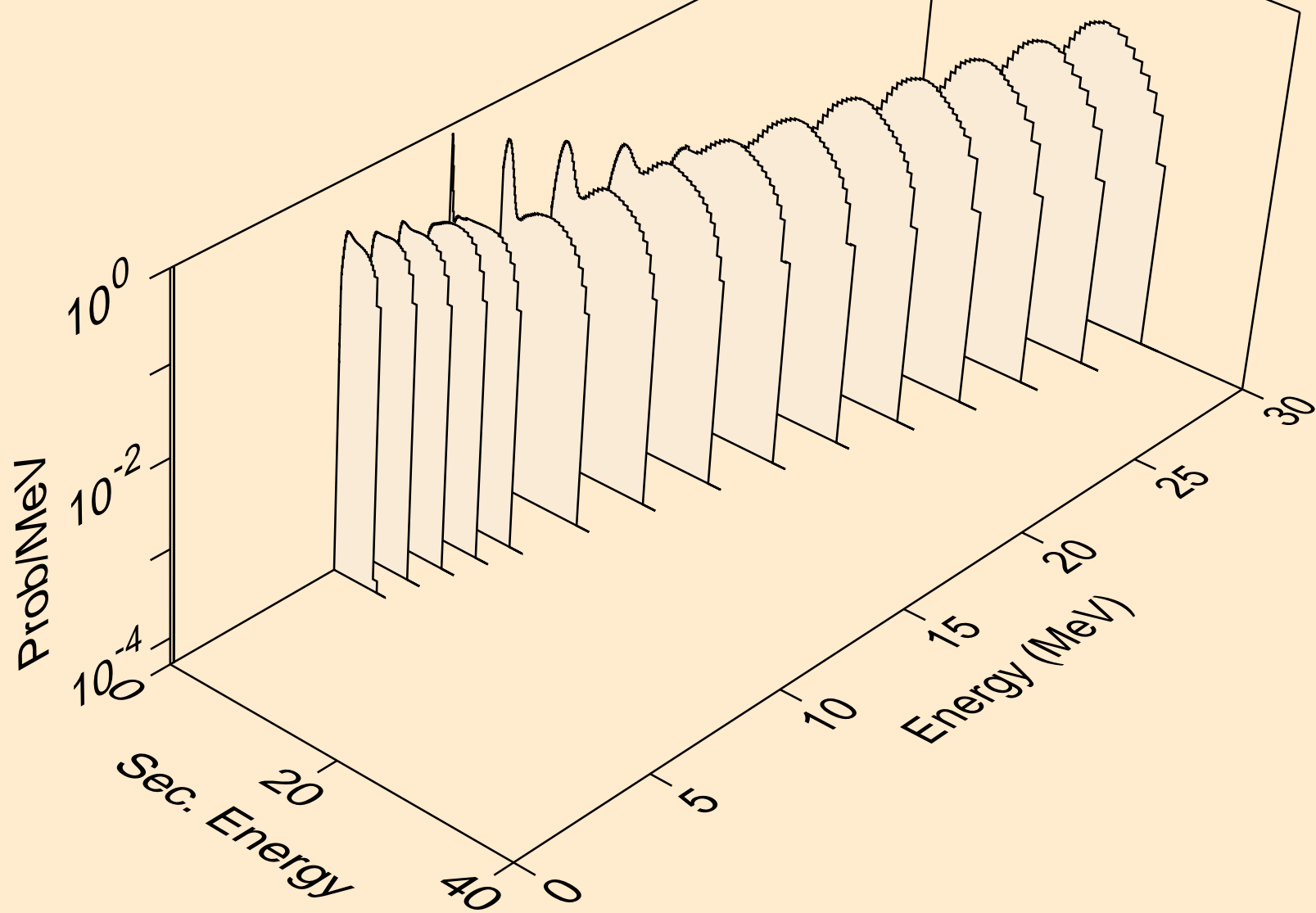
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



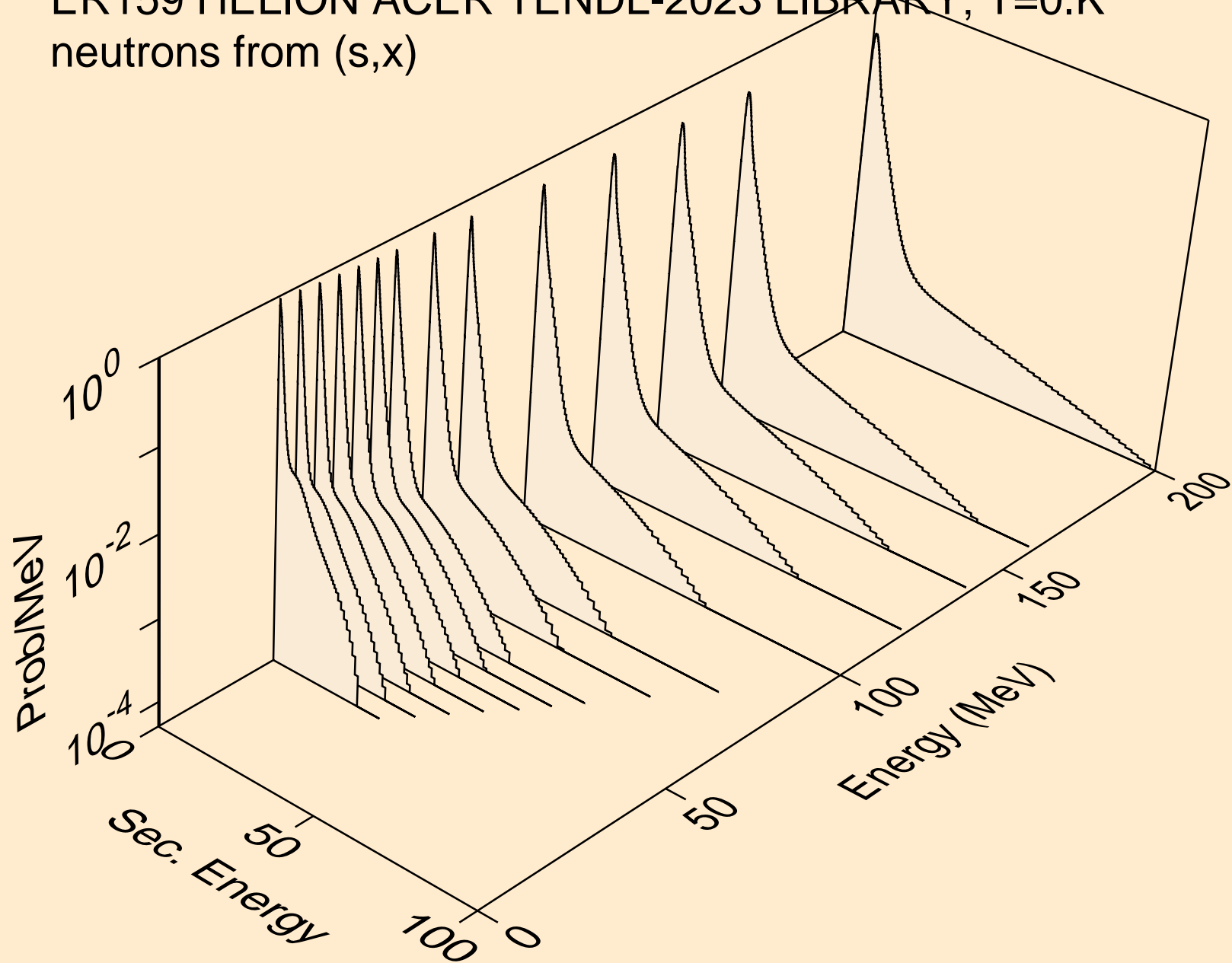
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



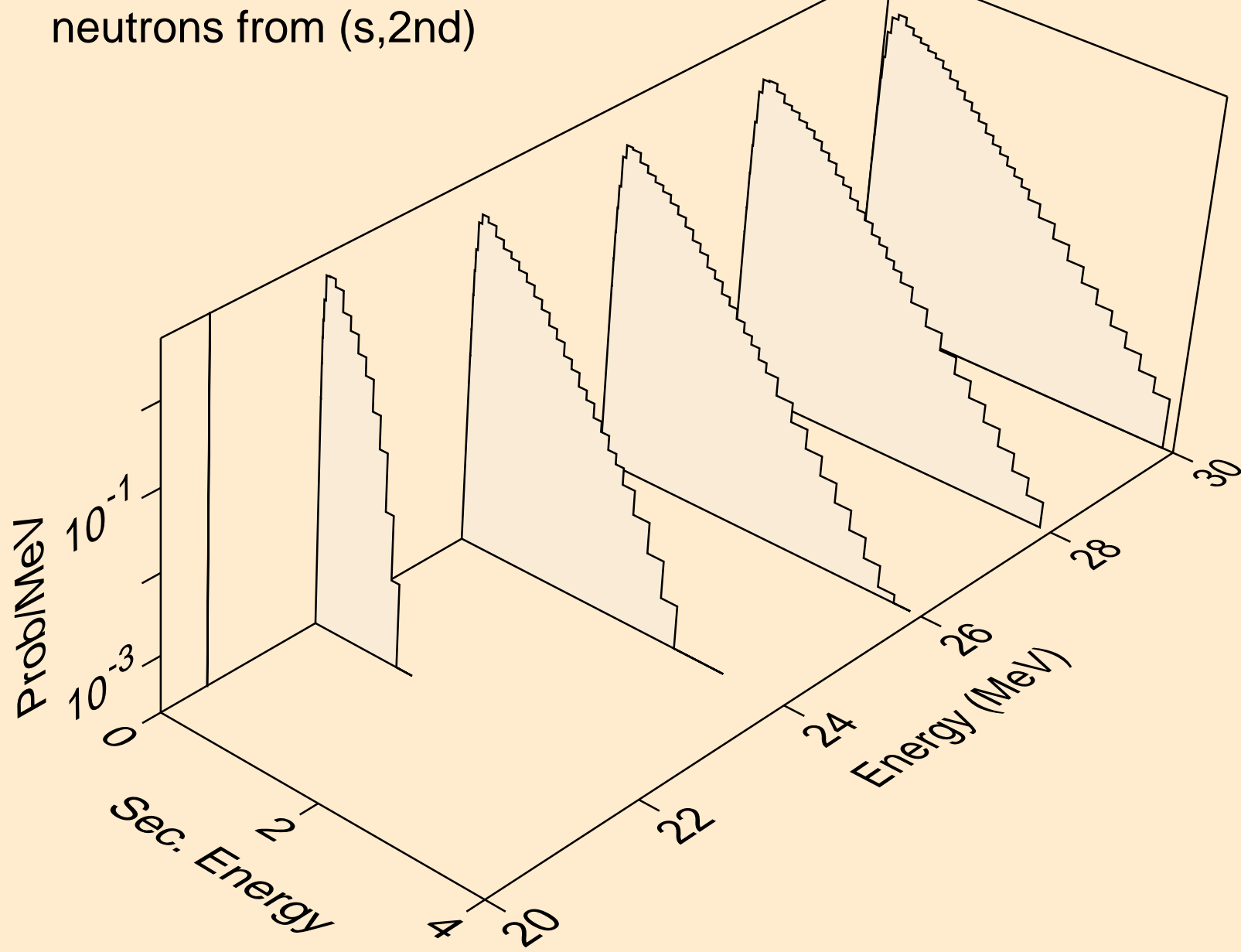
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n)



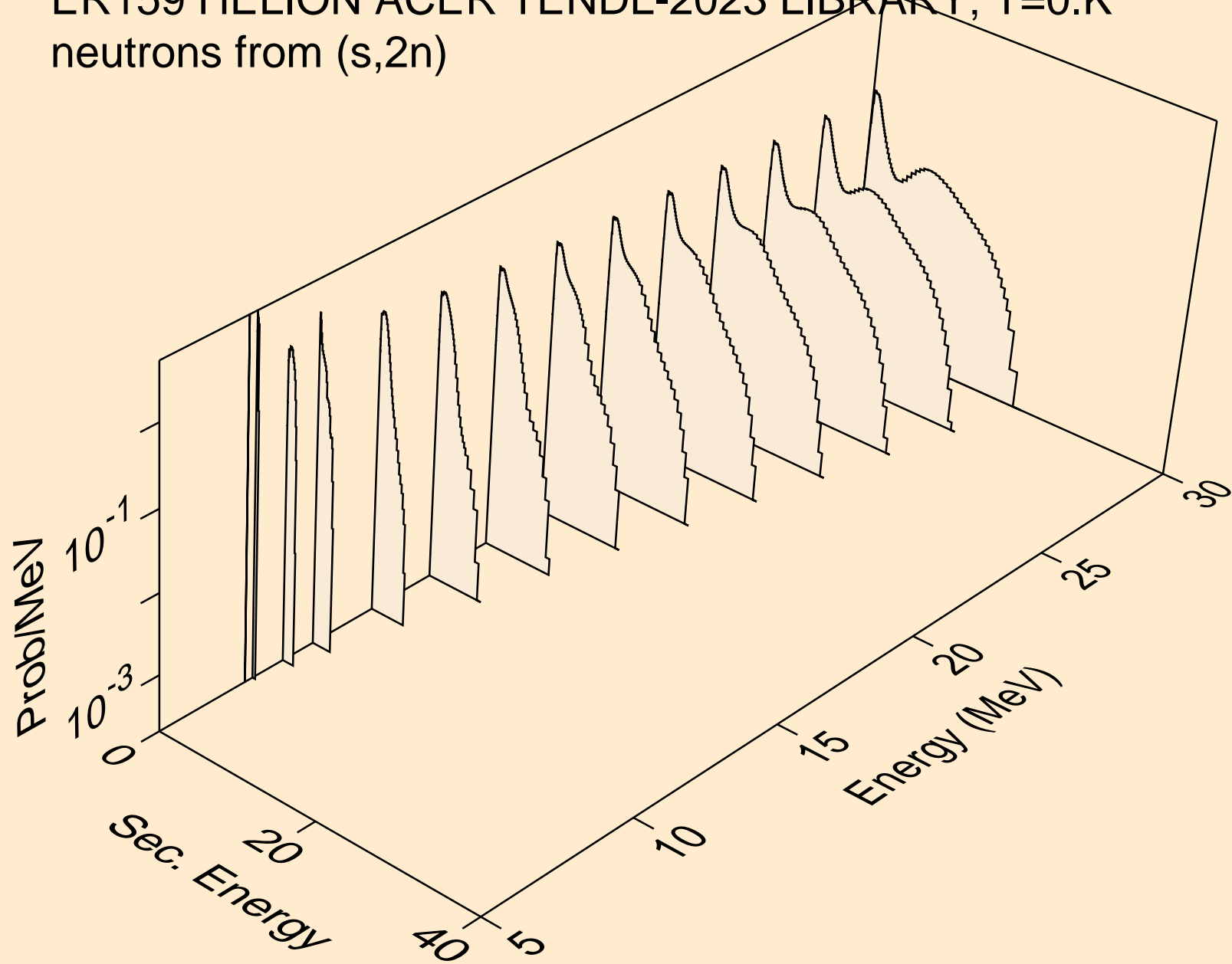
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,x)



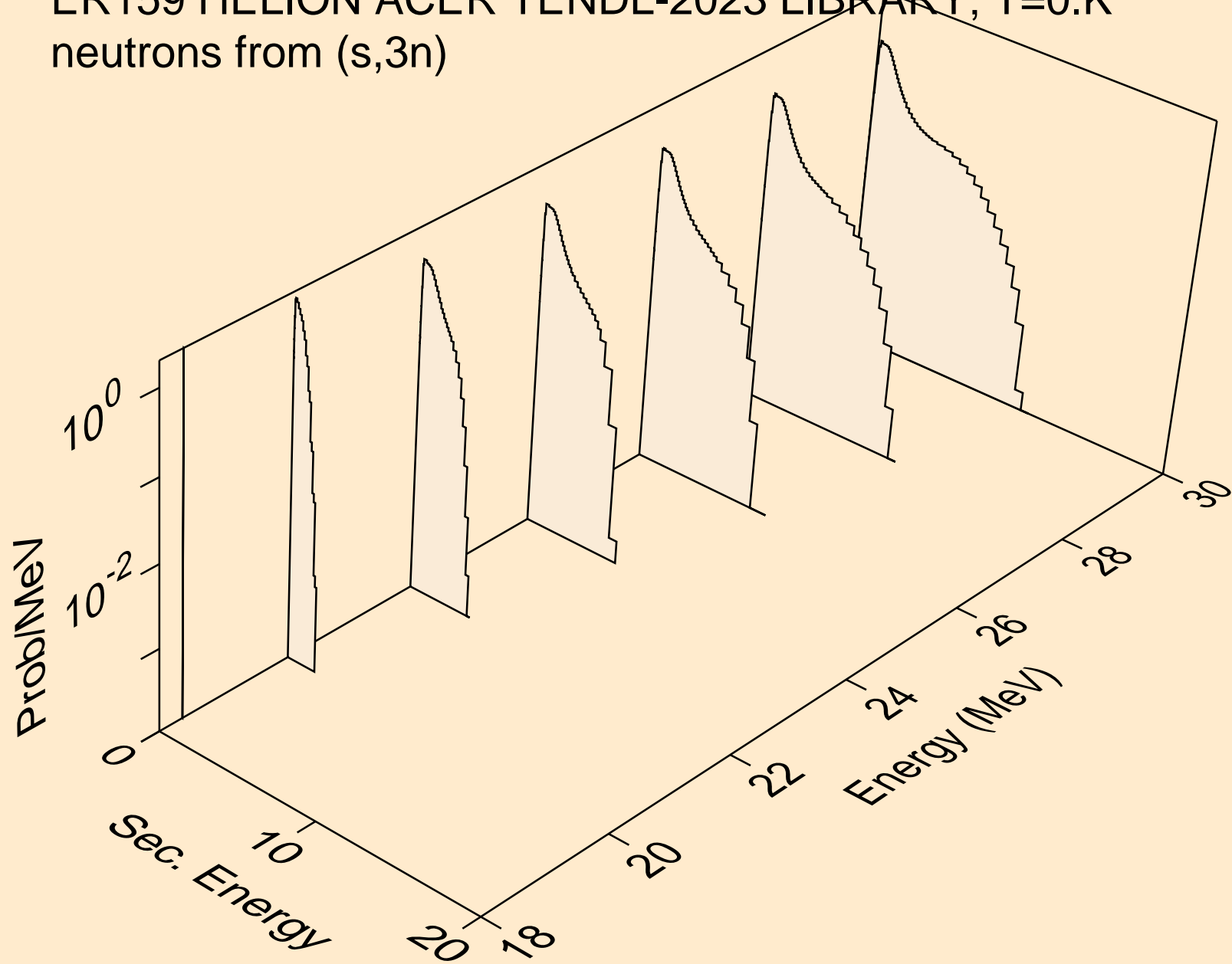
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2nd)



ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)

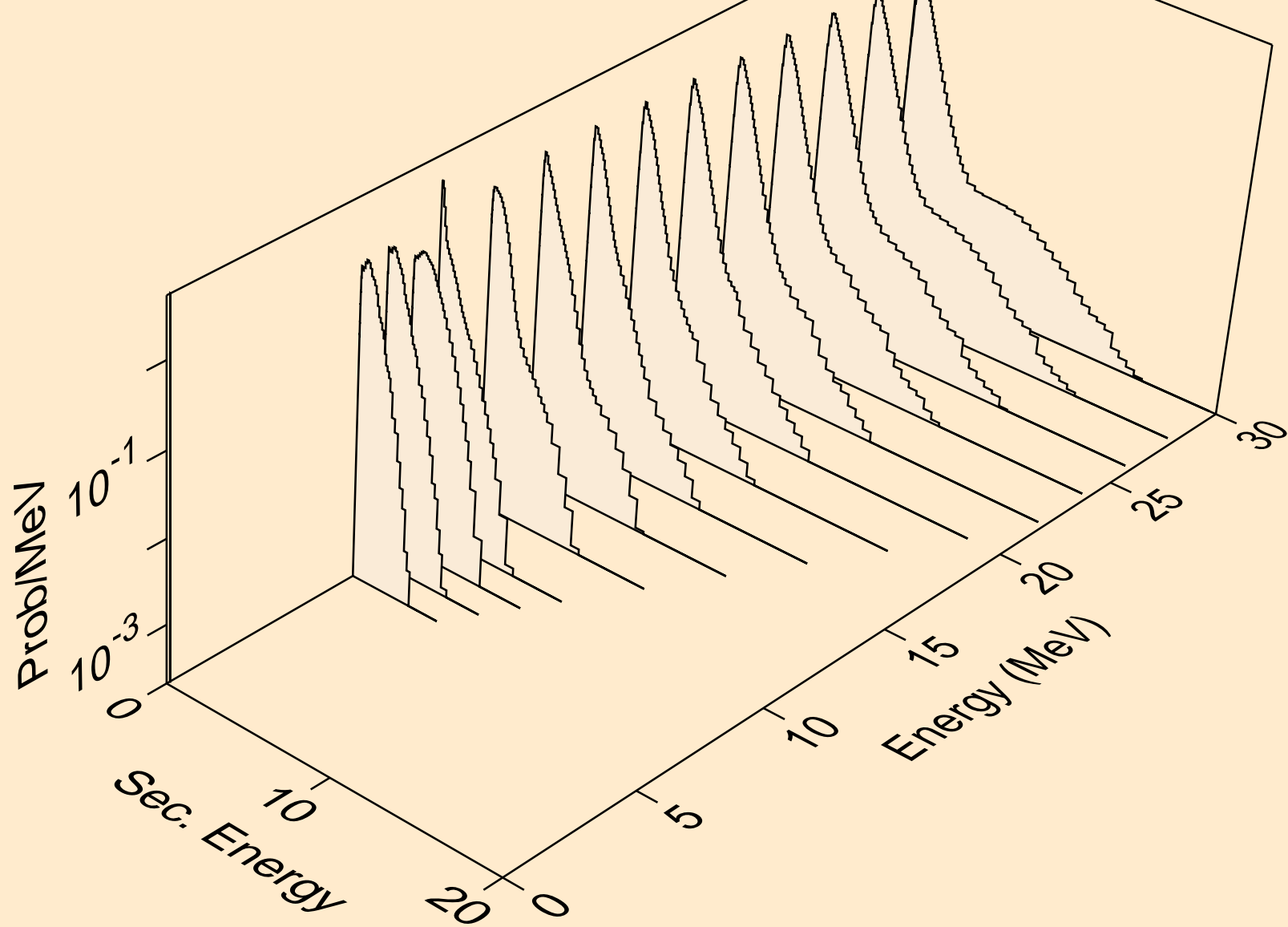


ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3n)

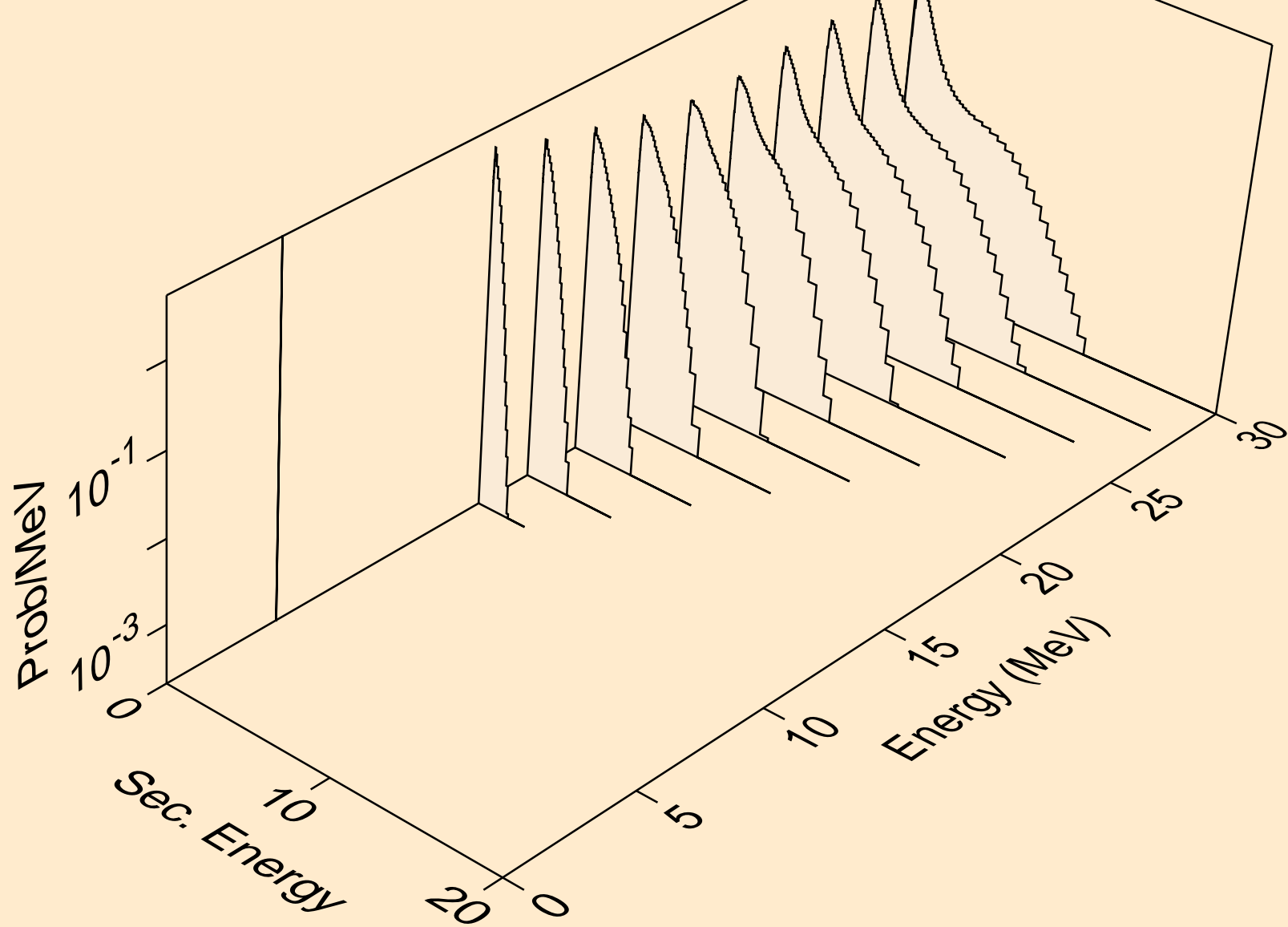




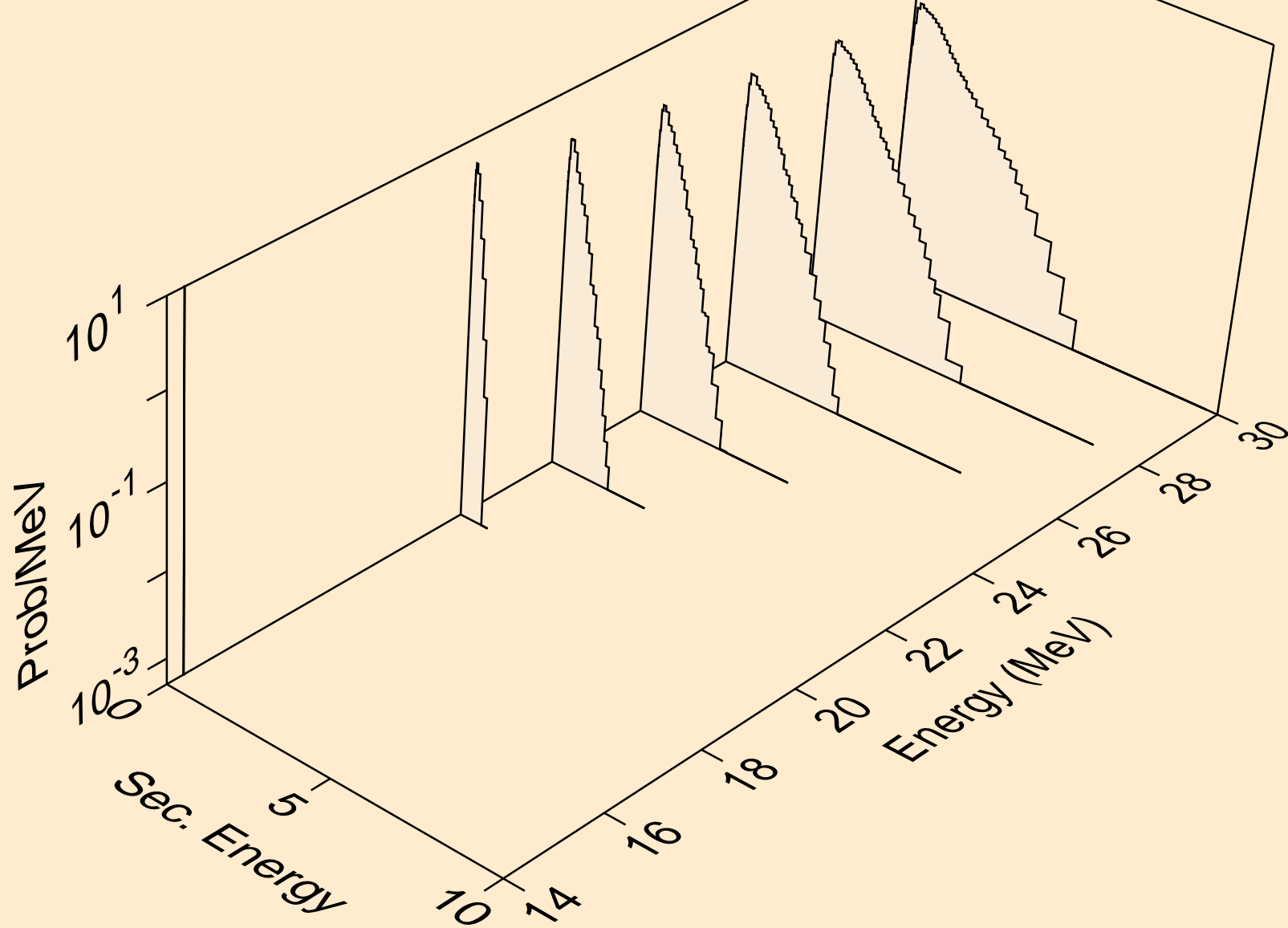
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)a



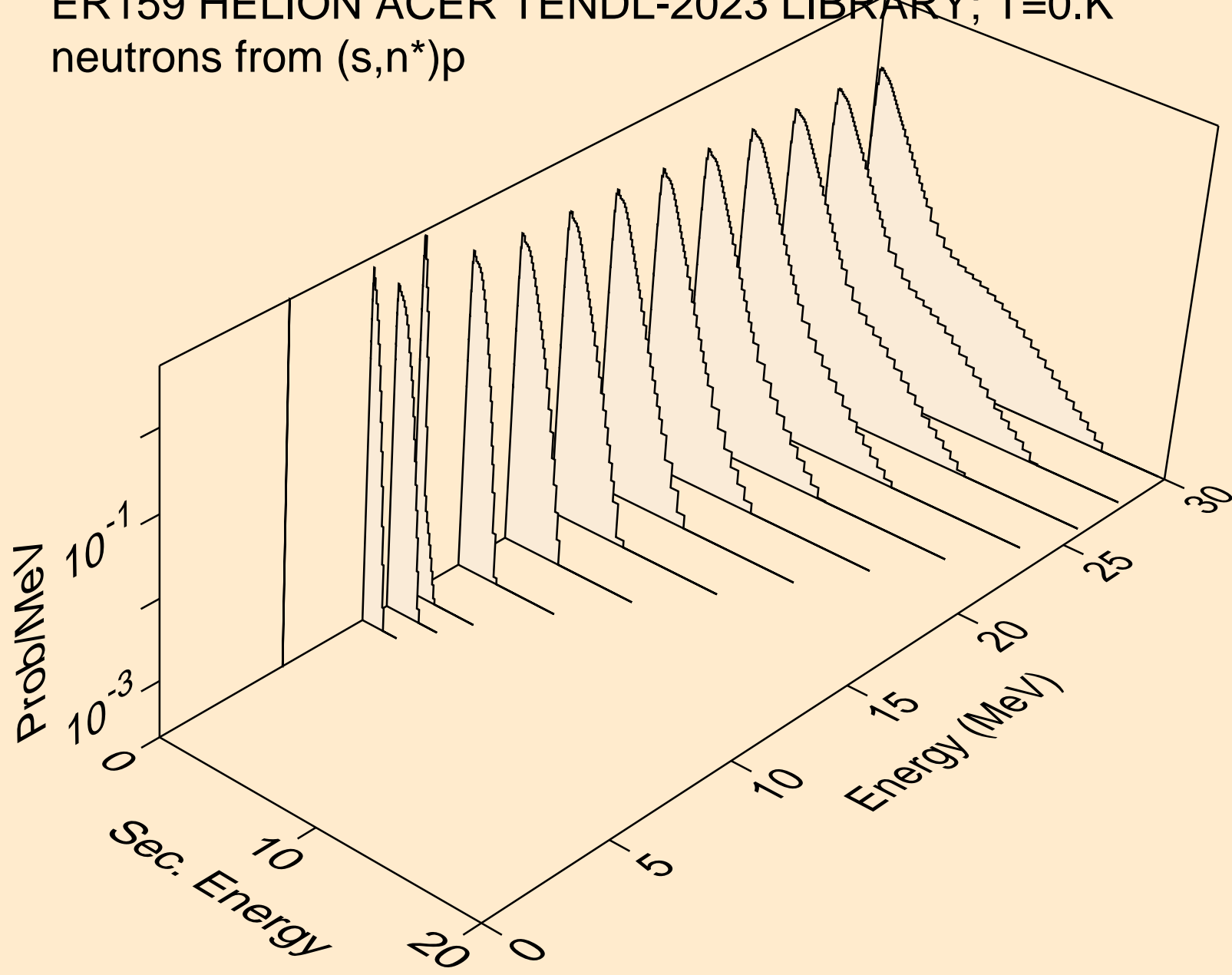
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)a



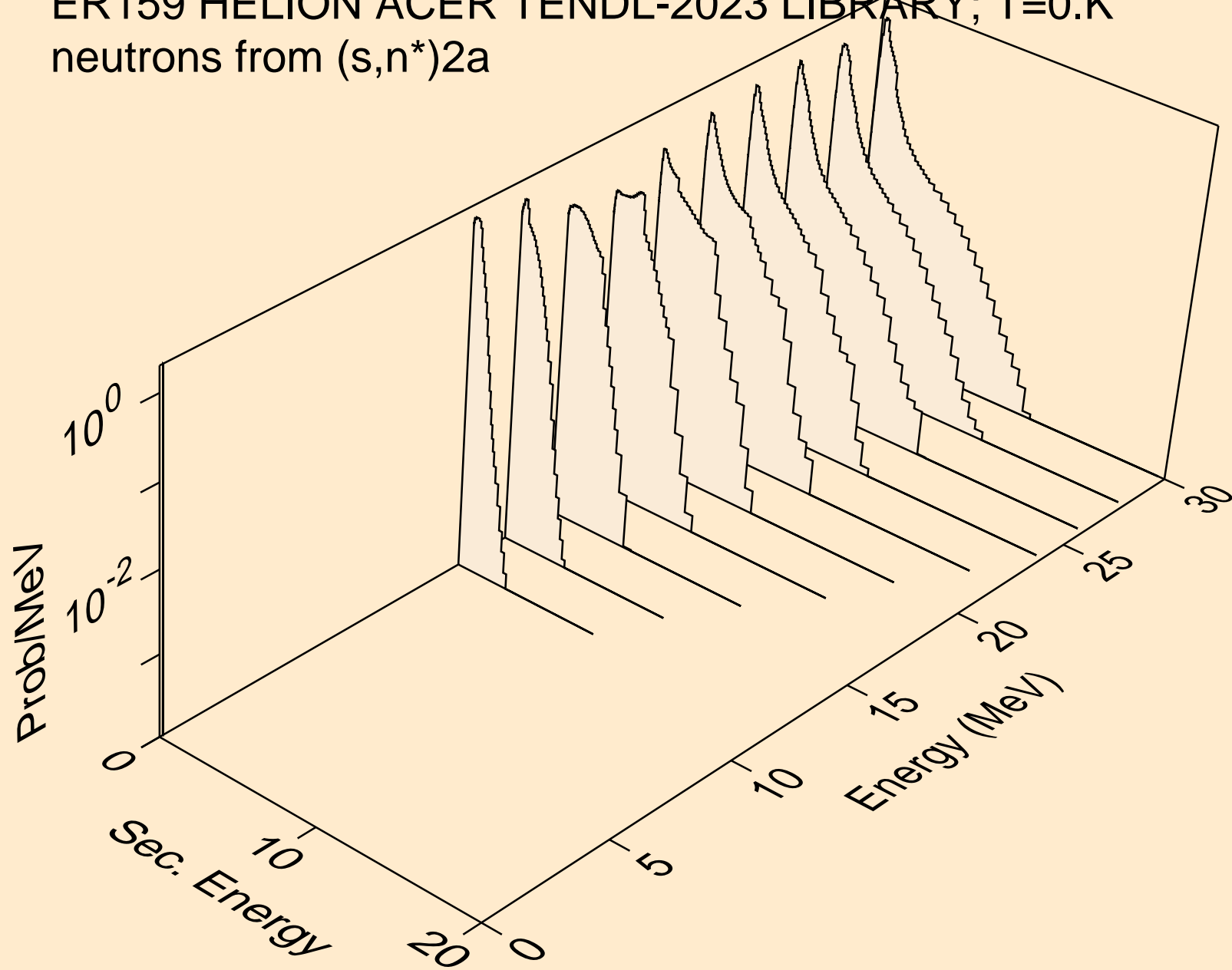
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3n)a



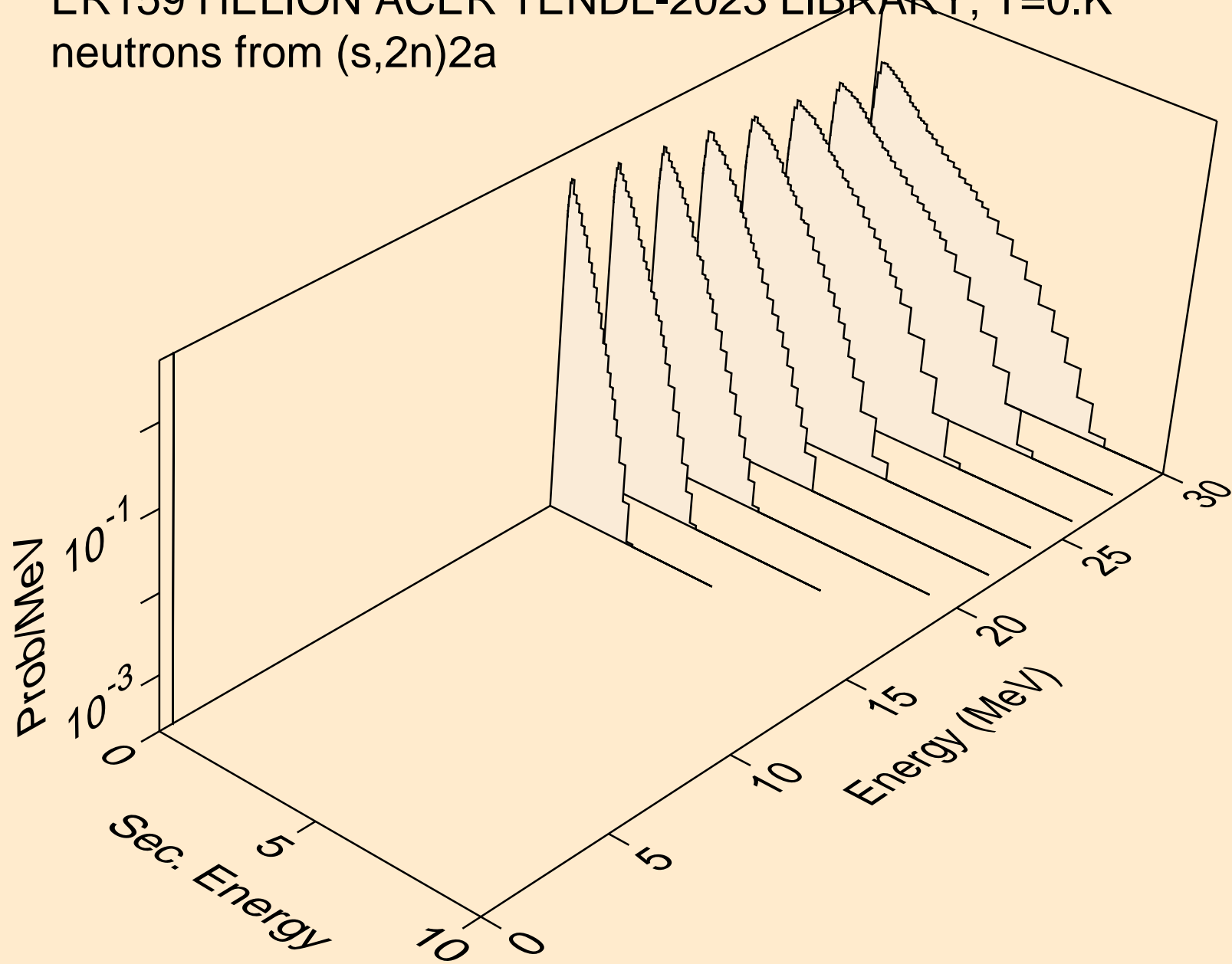
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)p



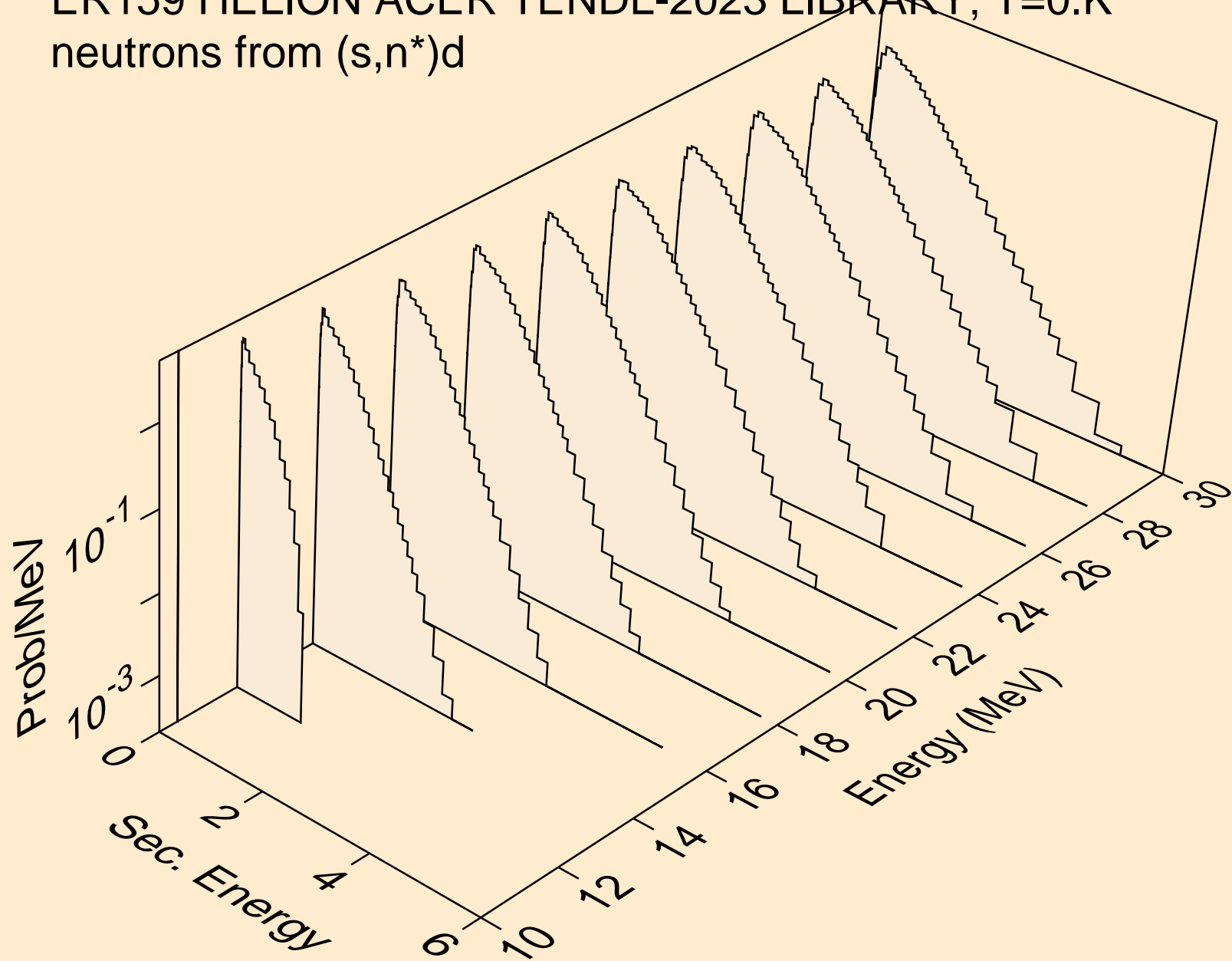
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)2a



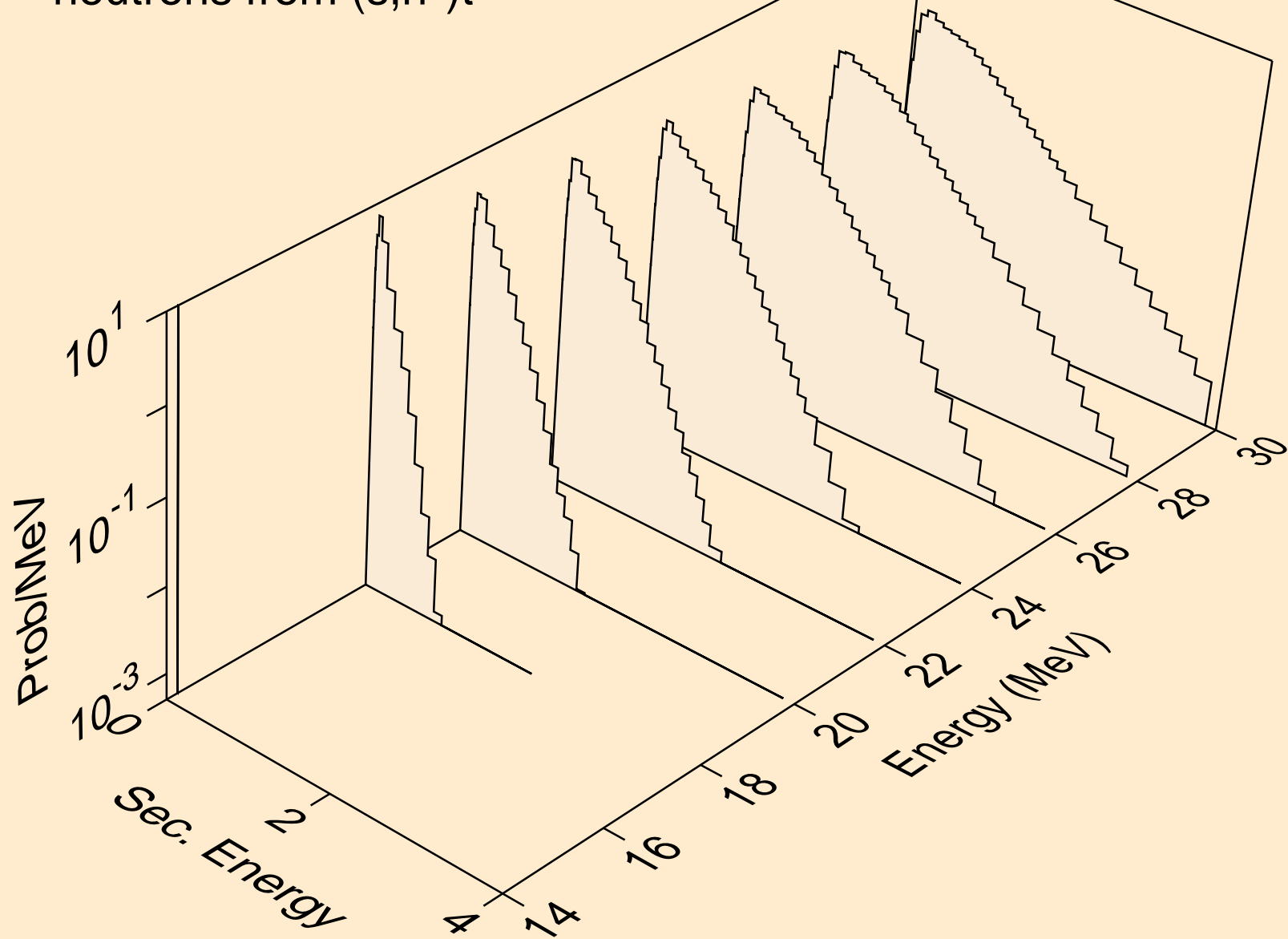
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)2a



ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)d

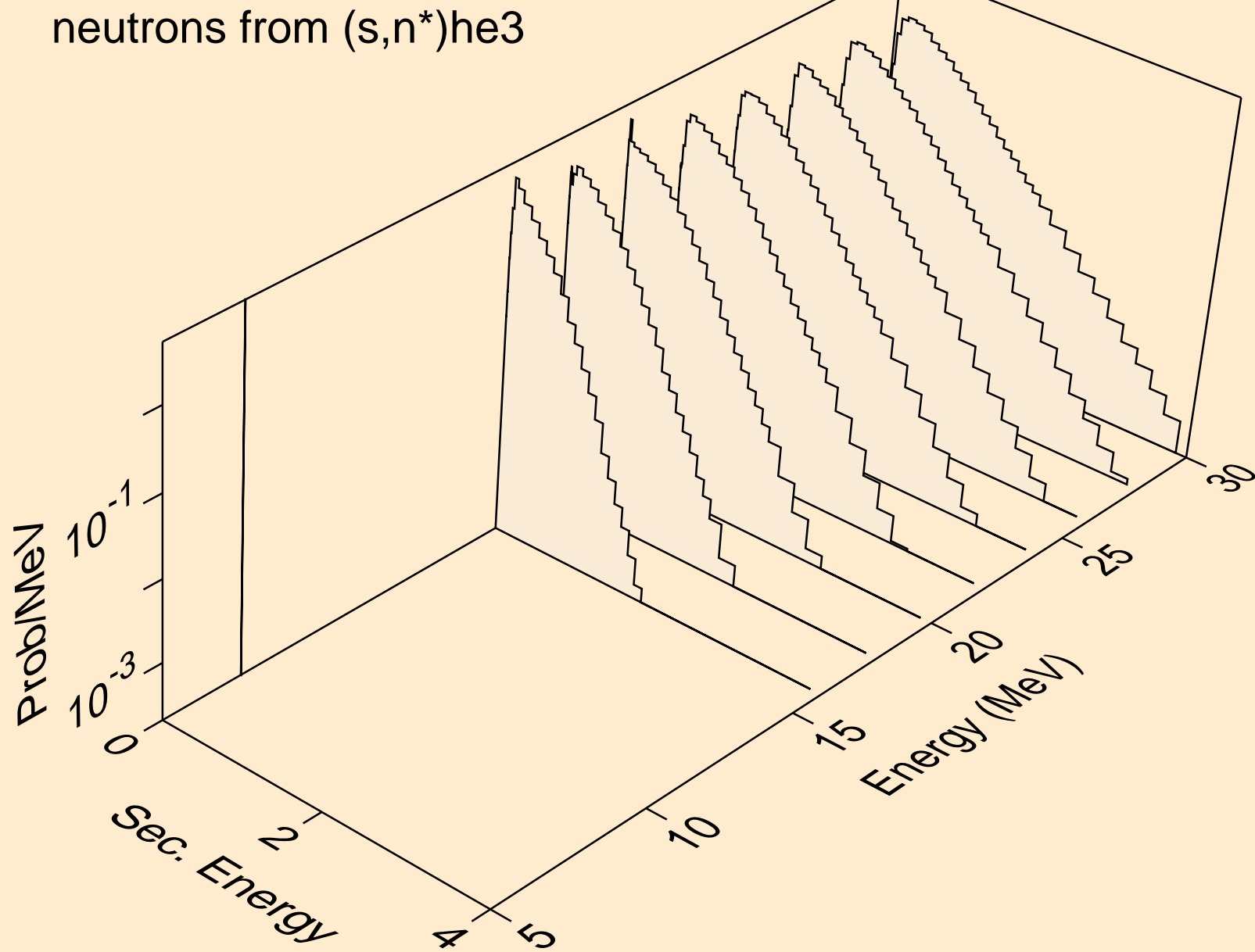


ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)t

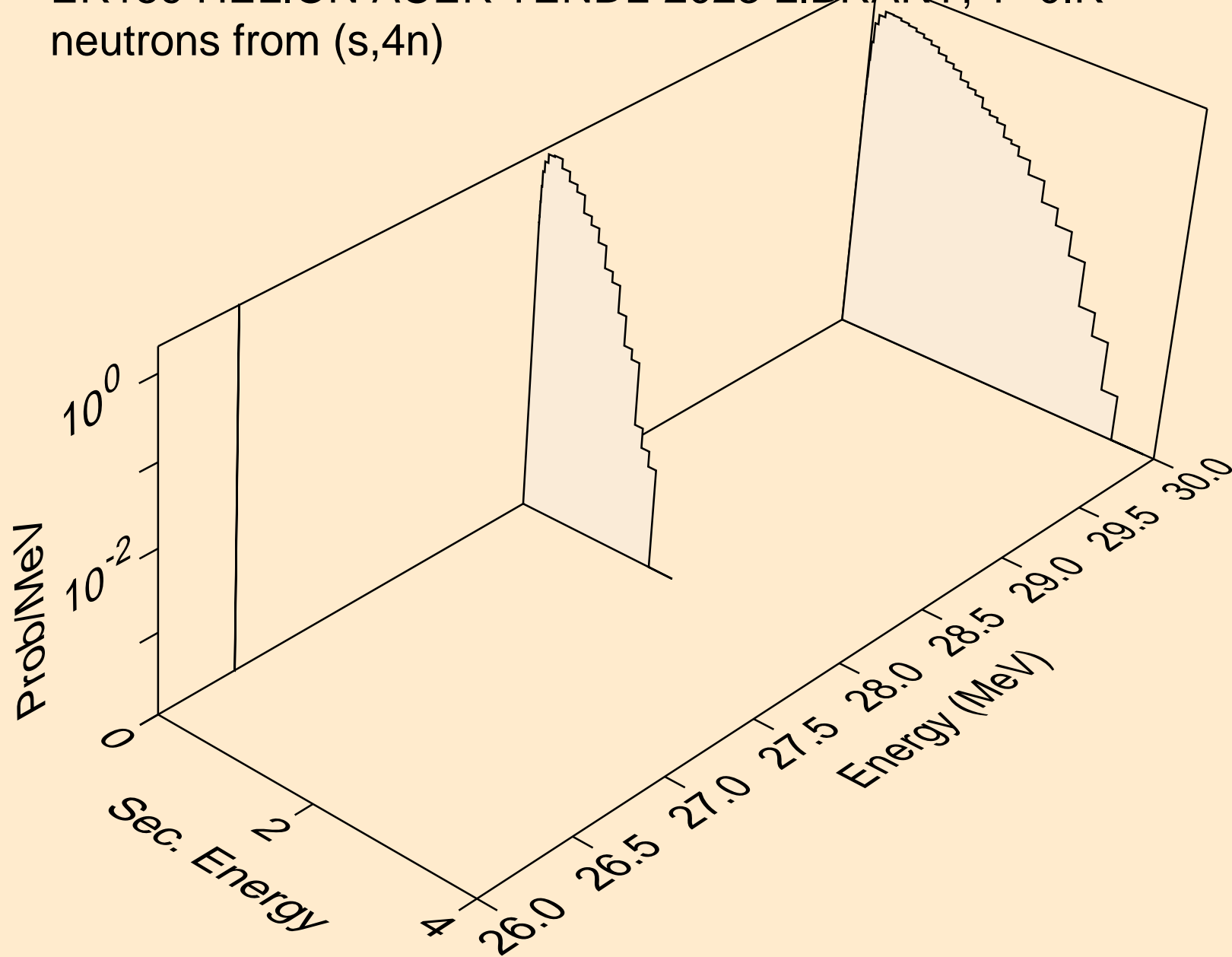




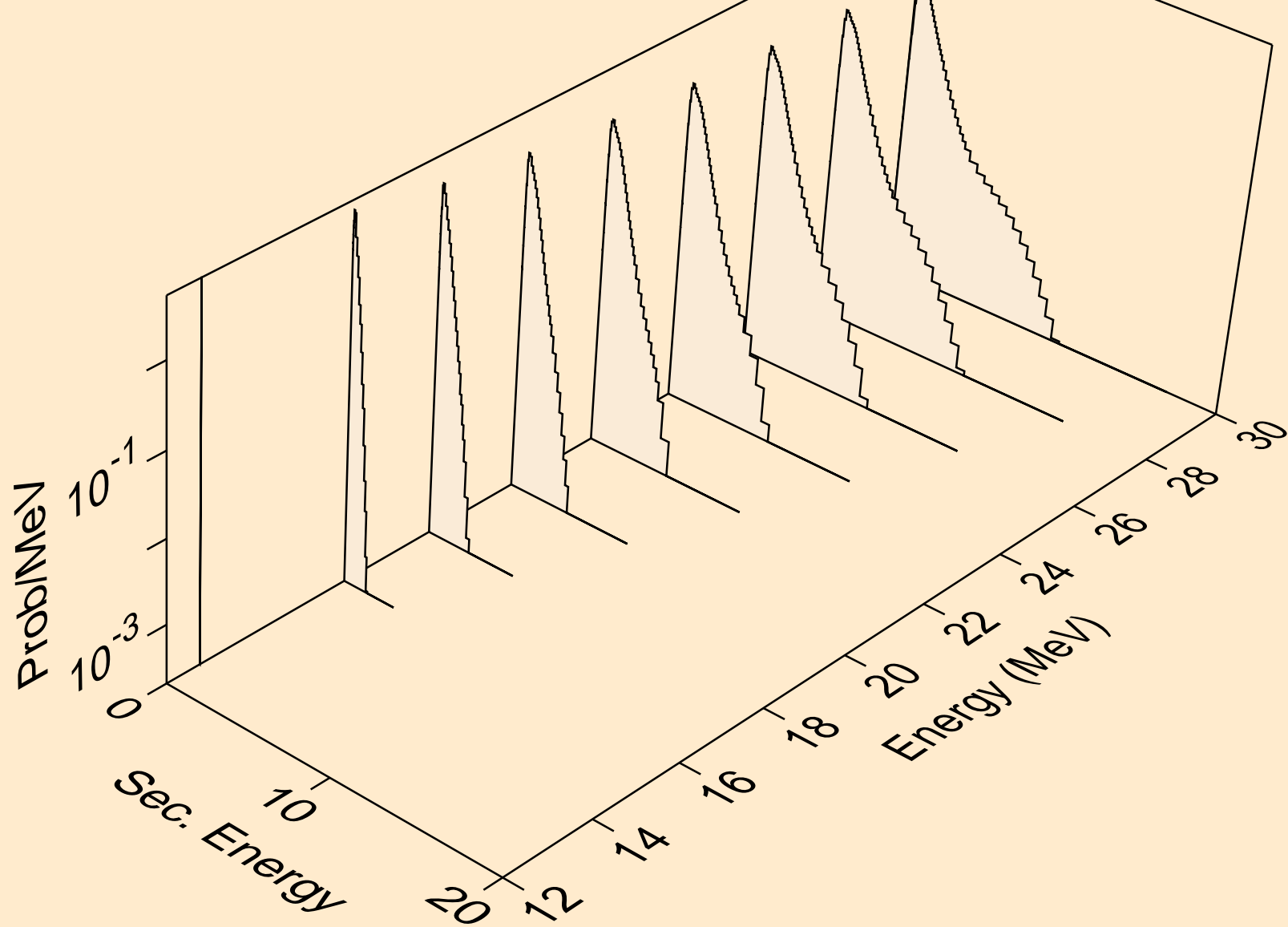
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



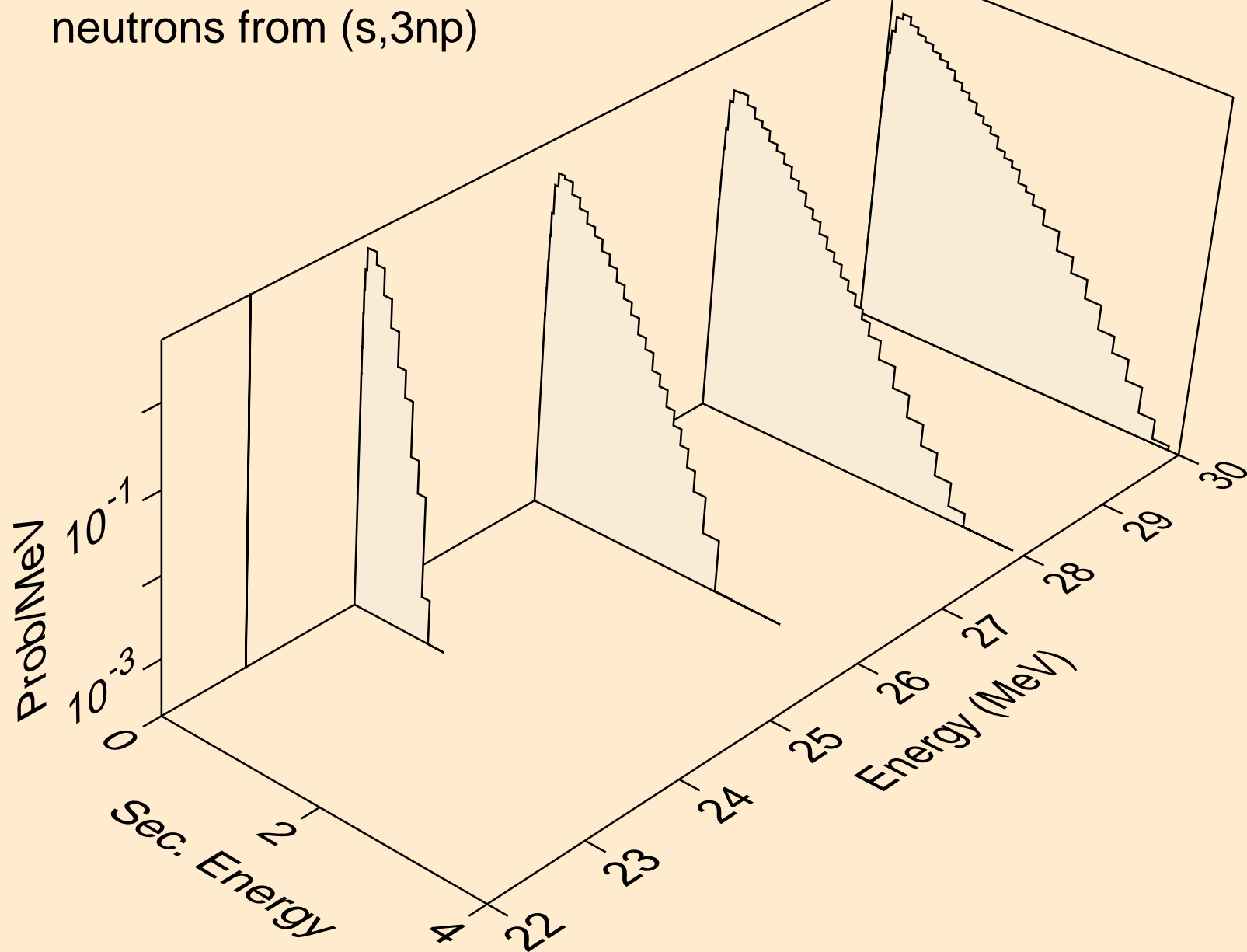
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,4n)



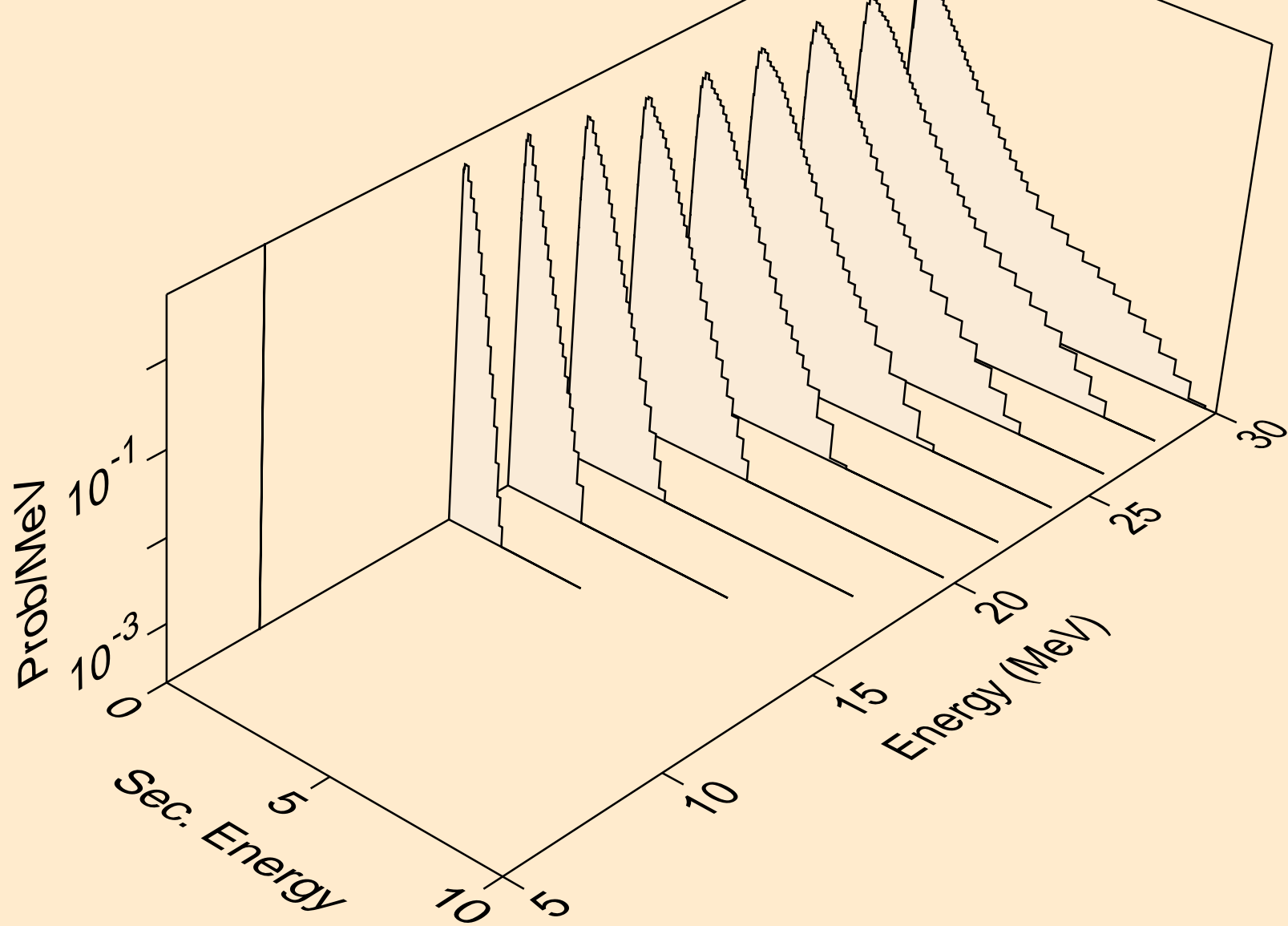
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2np)



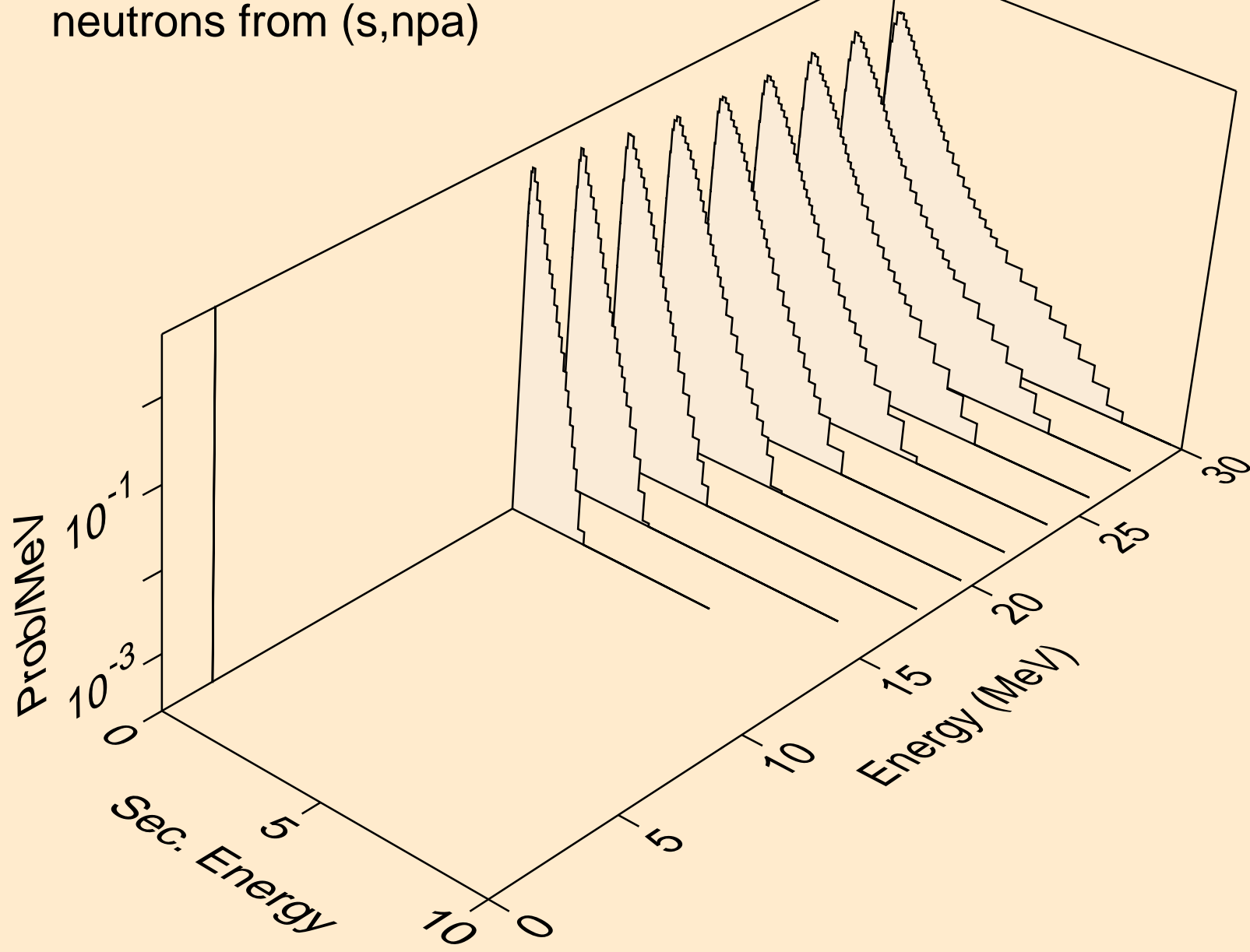
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3np)



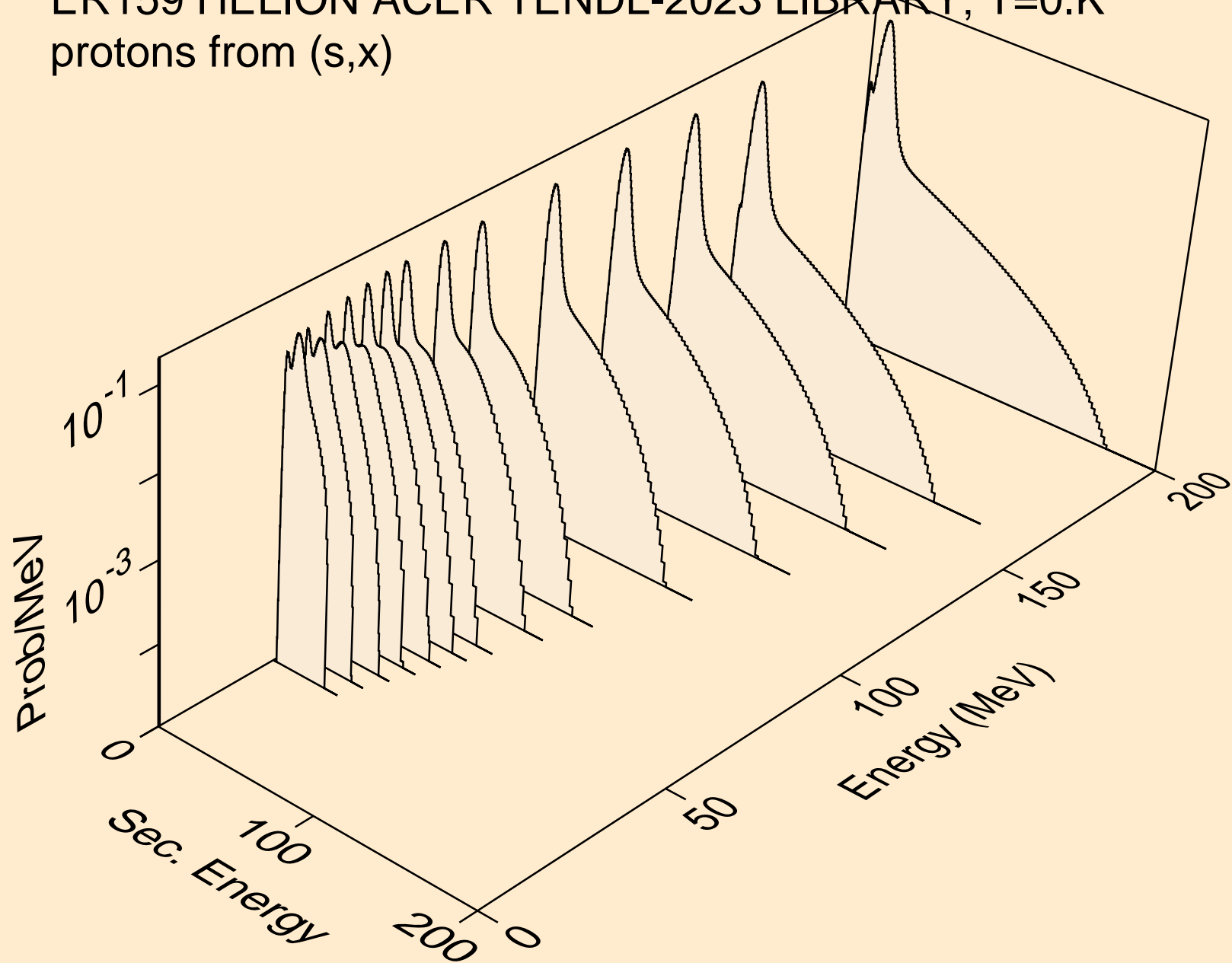
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n2p)



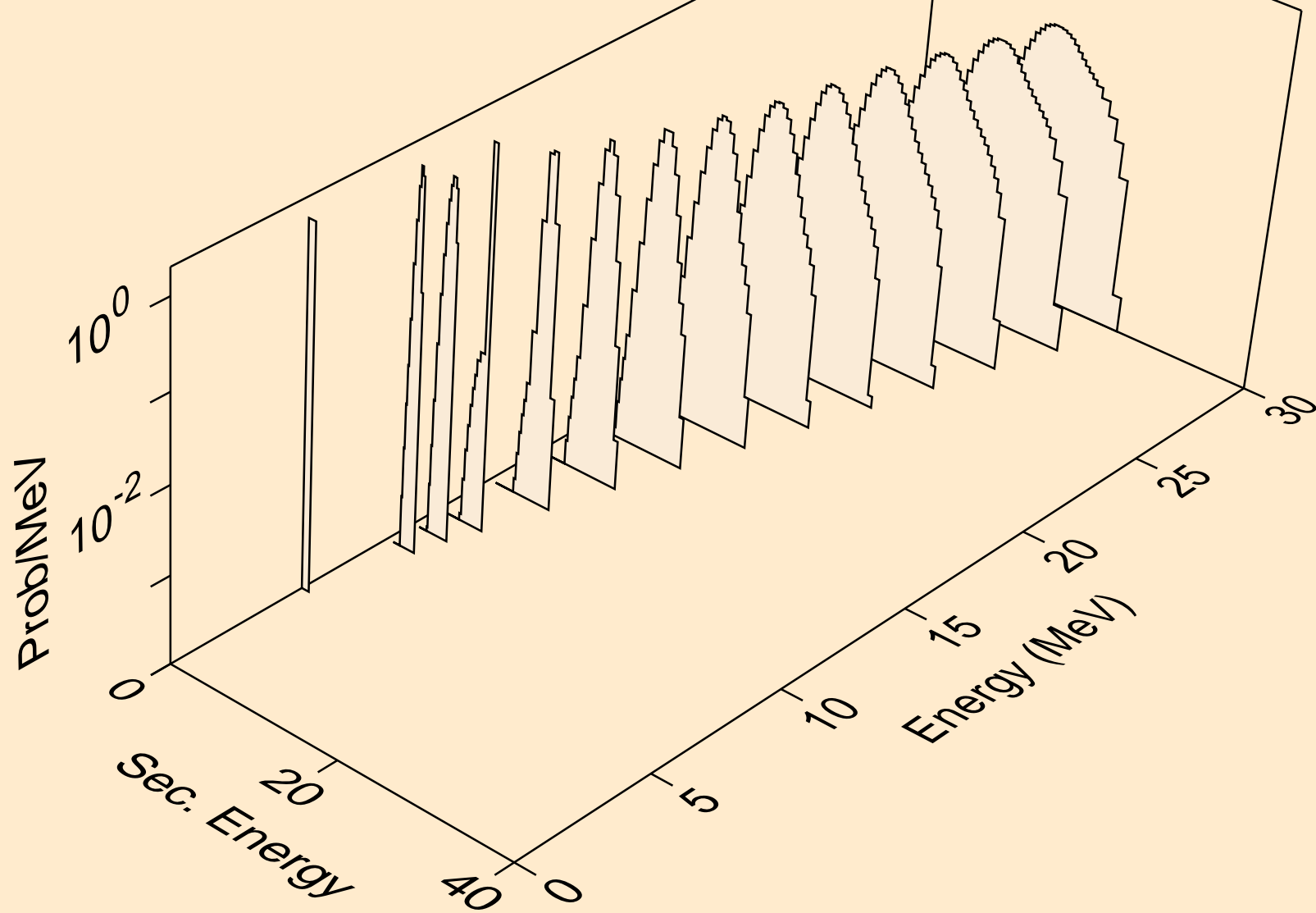
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,npa)



ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,x)

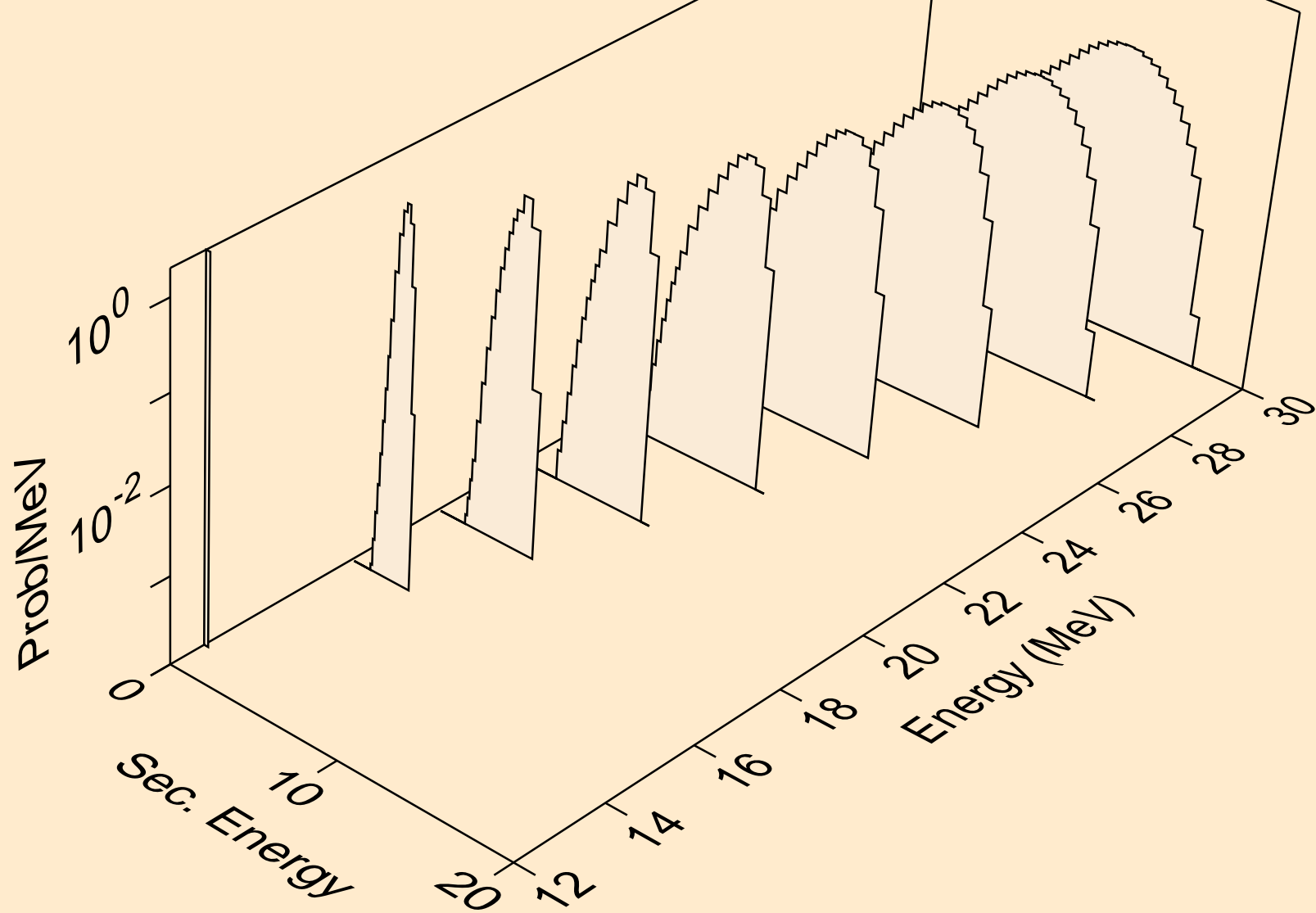


ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,n\*)p

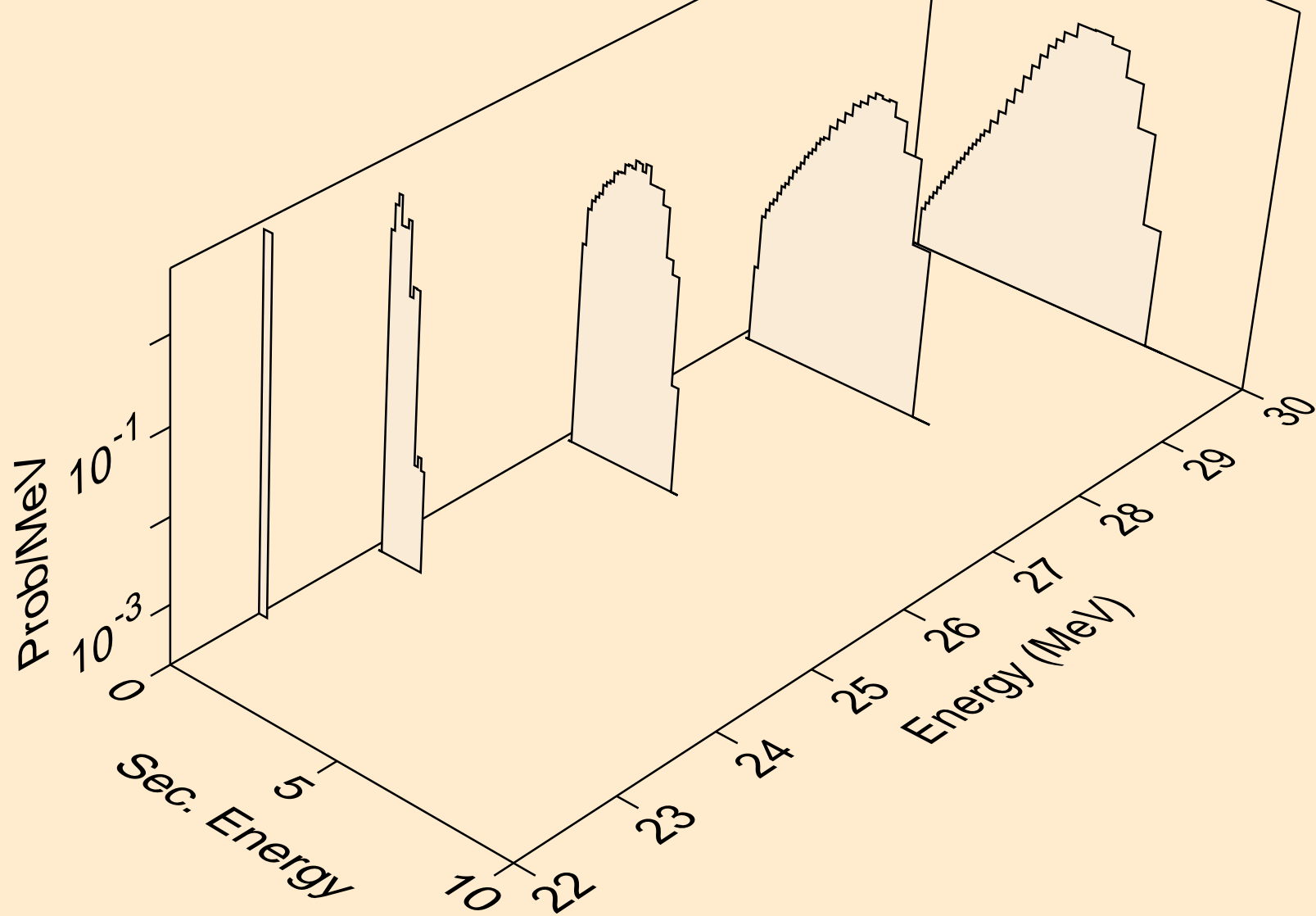




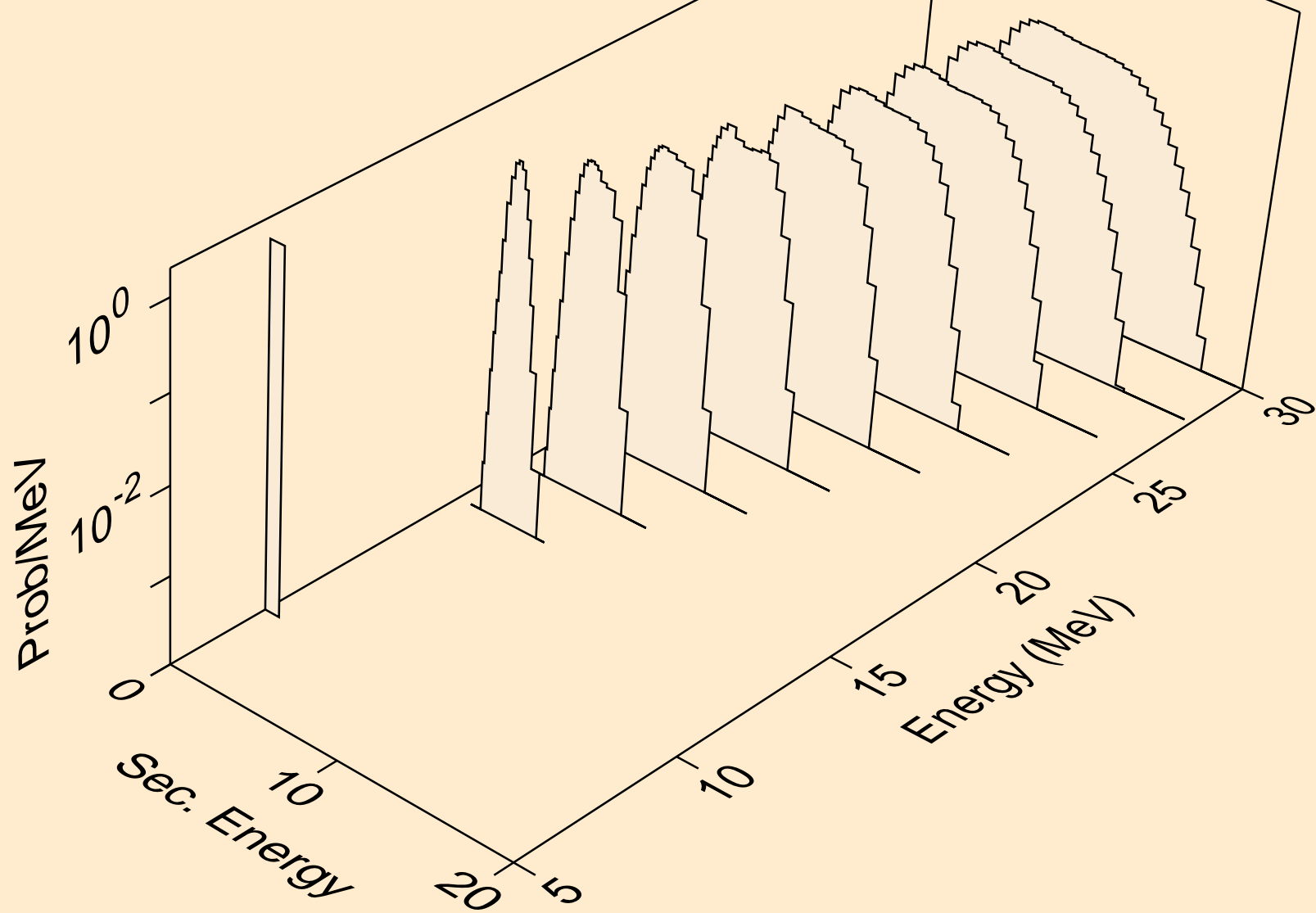
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,2np)



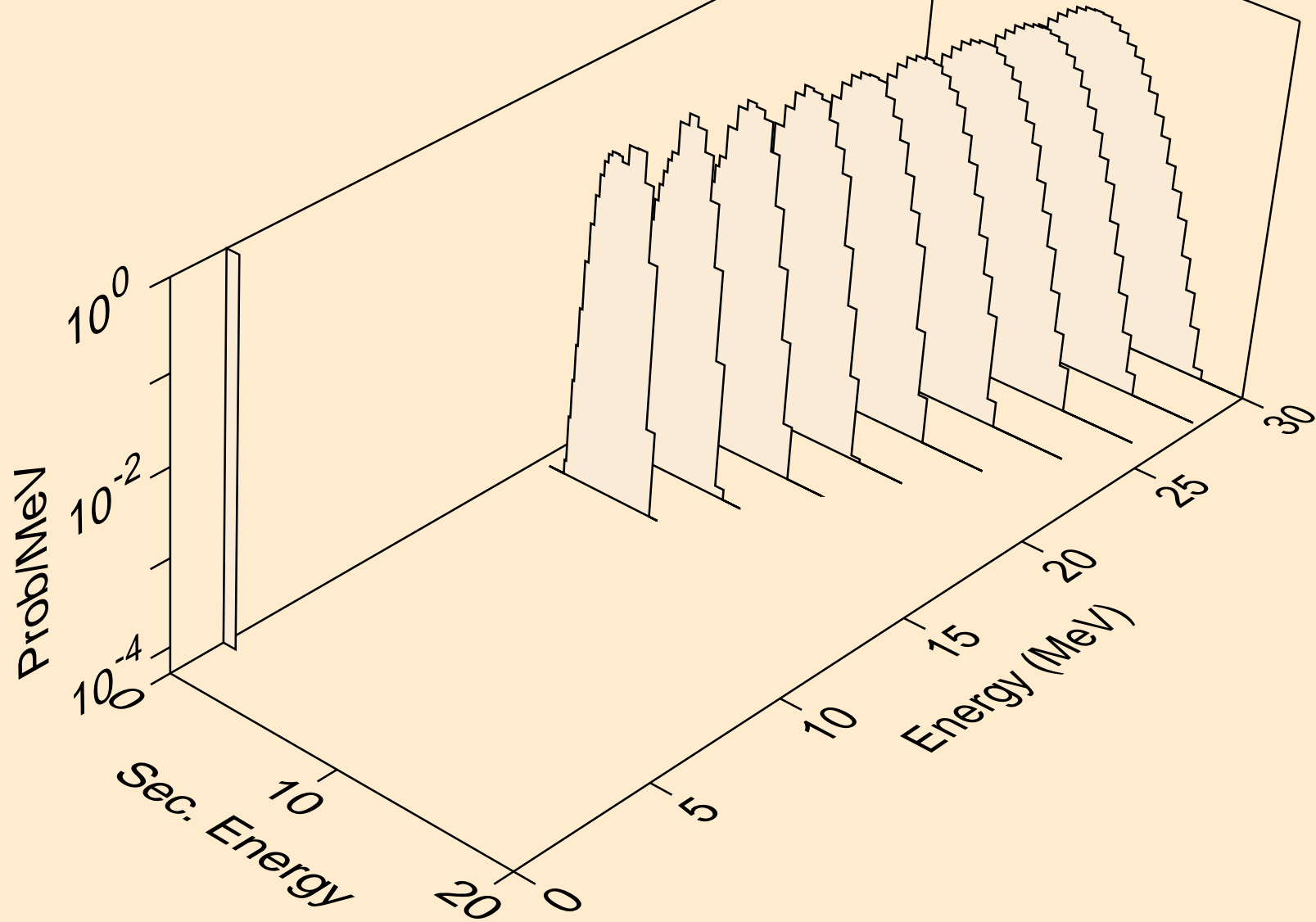
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,3np)



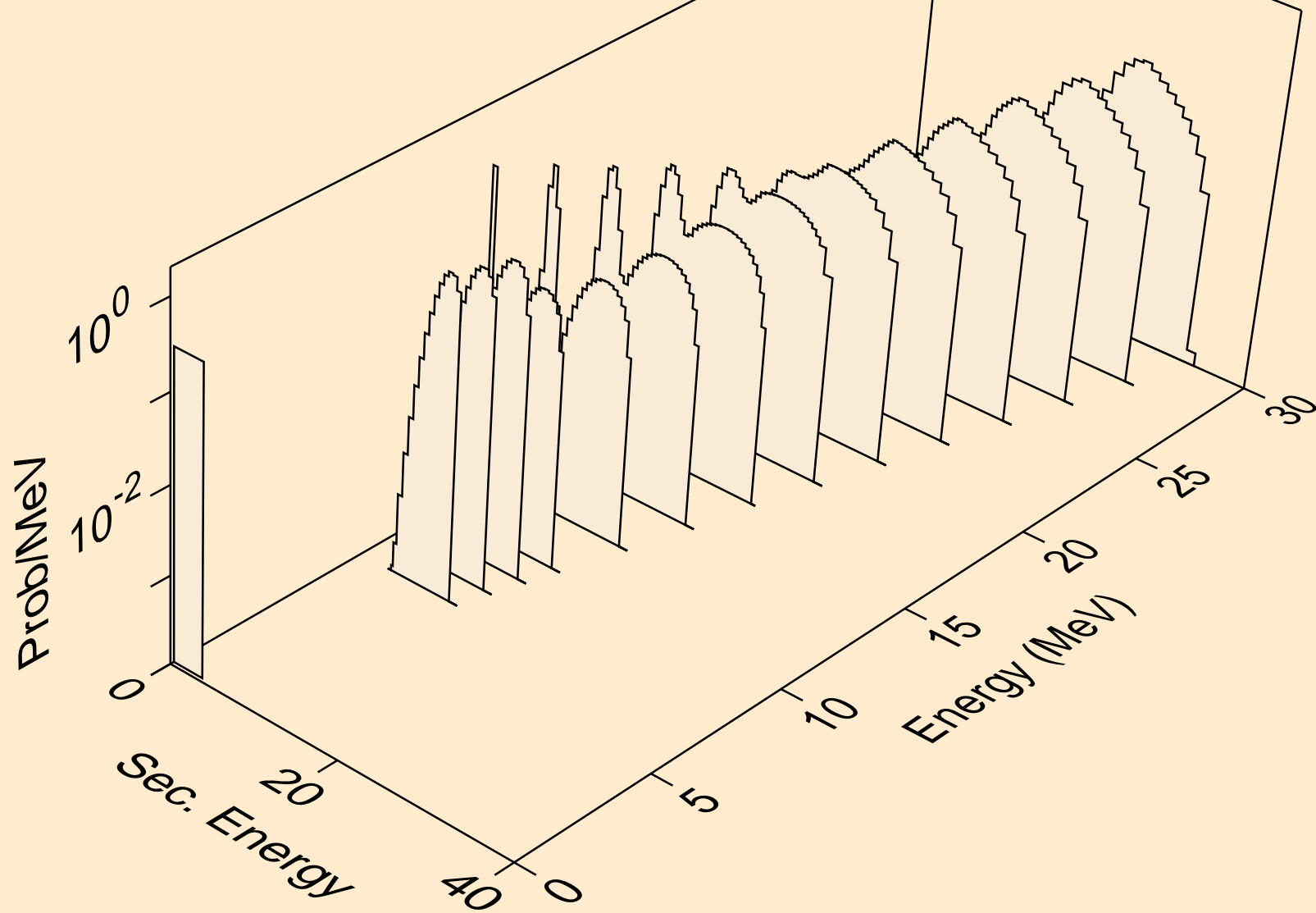
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,n2p)



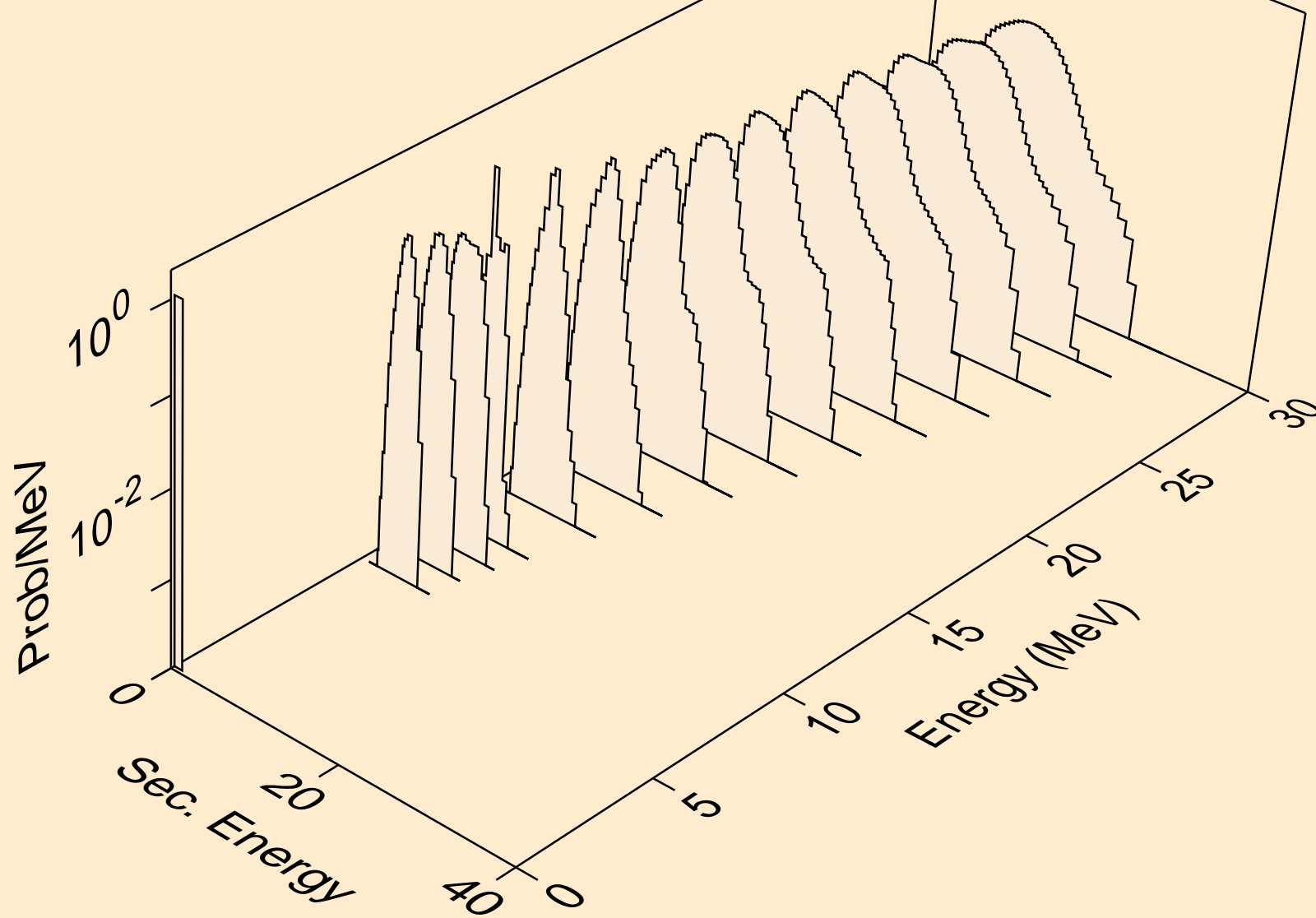
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,npa)



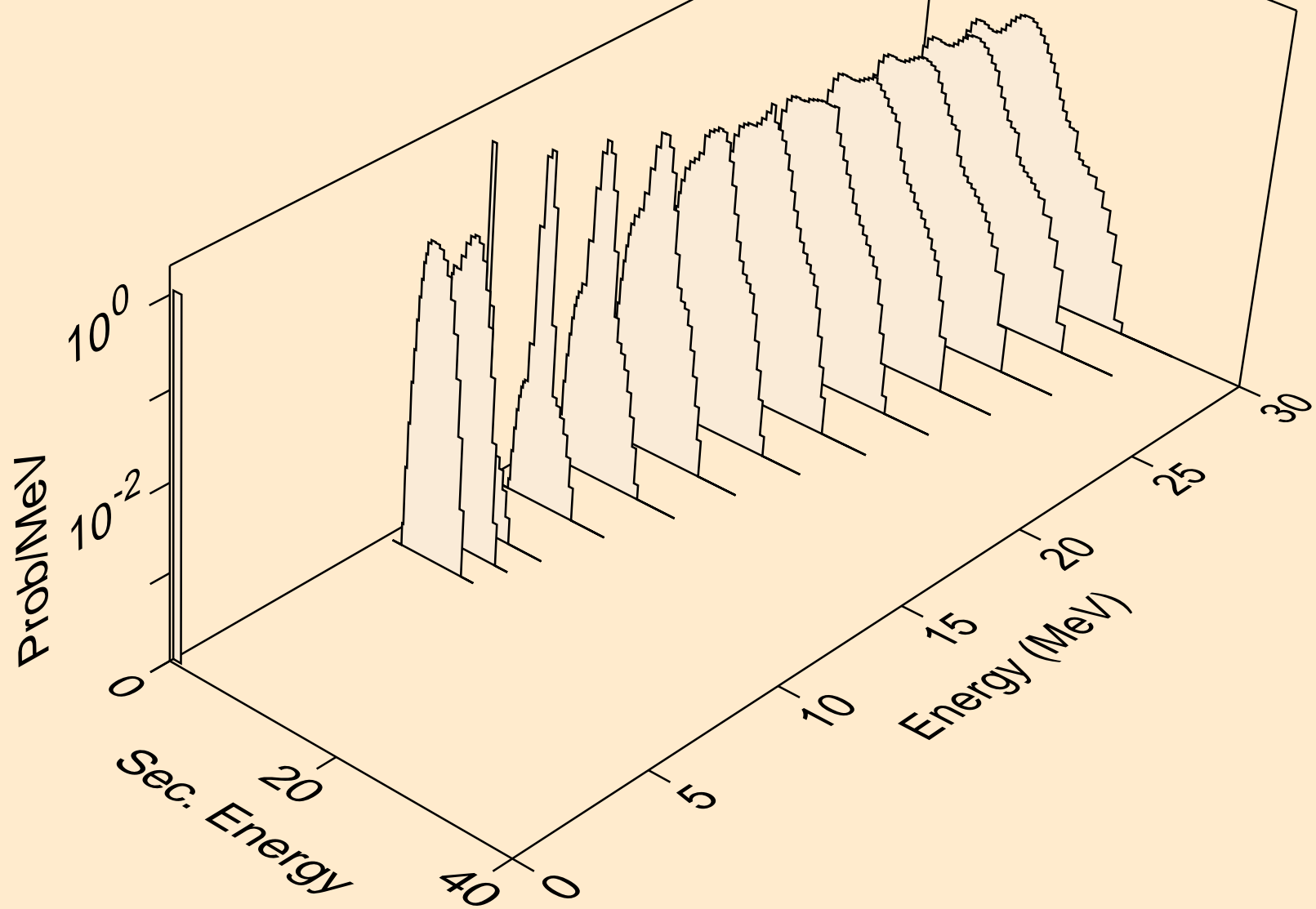
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,p)



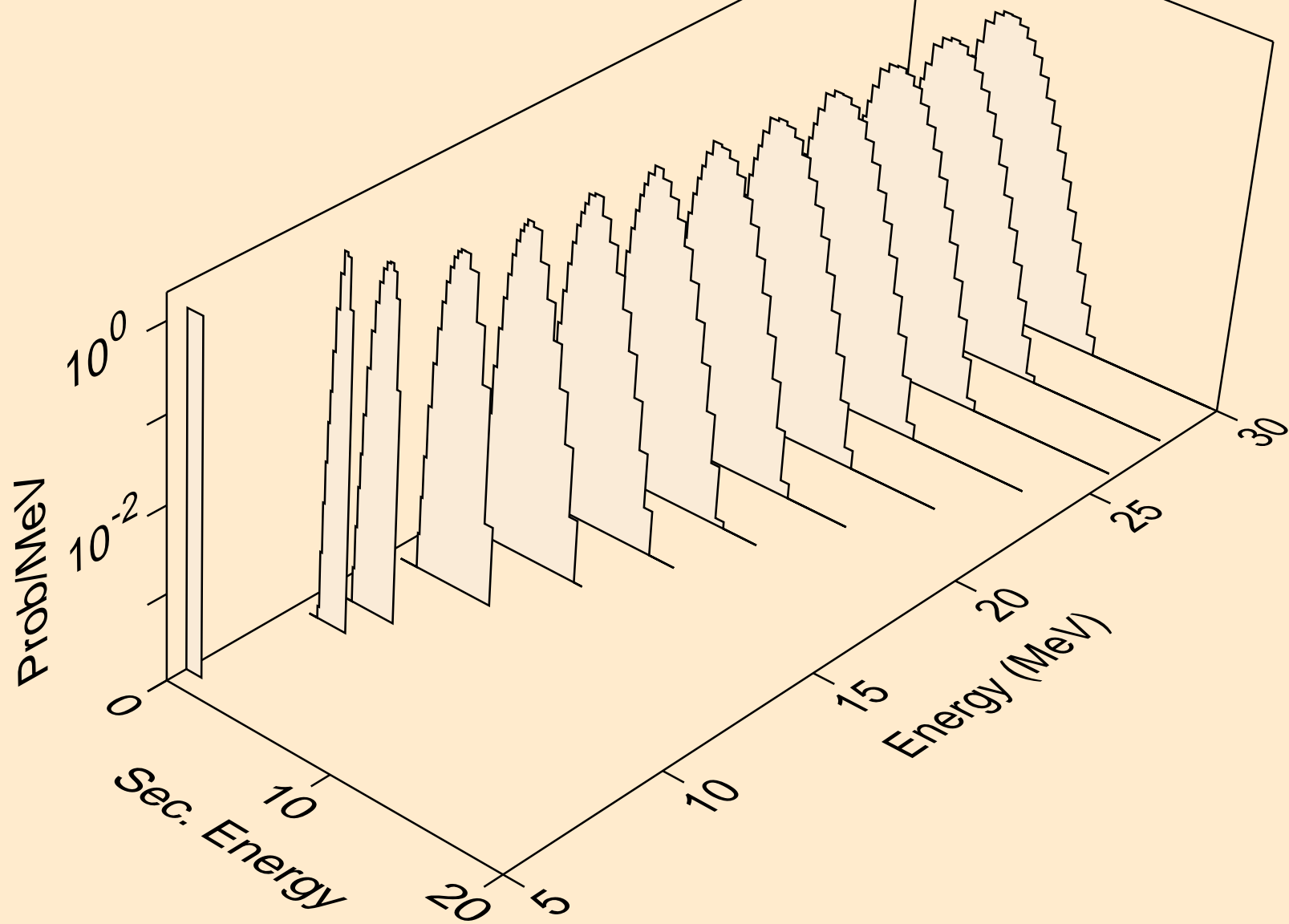
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,2p)



ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pa)

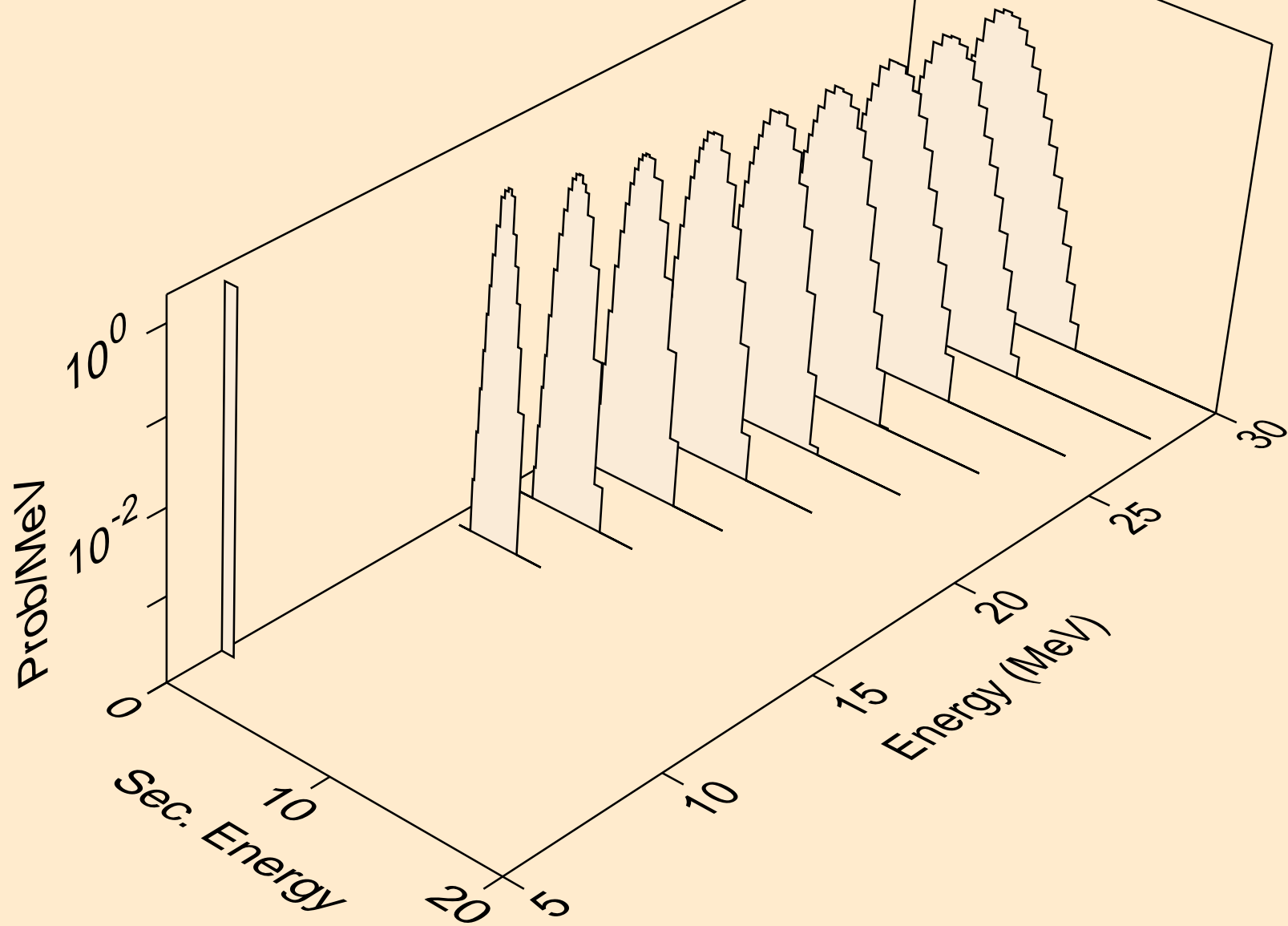


ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pd)

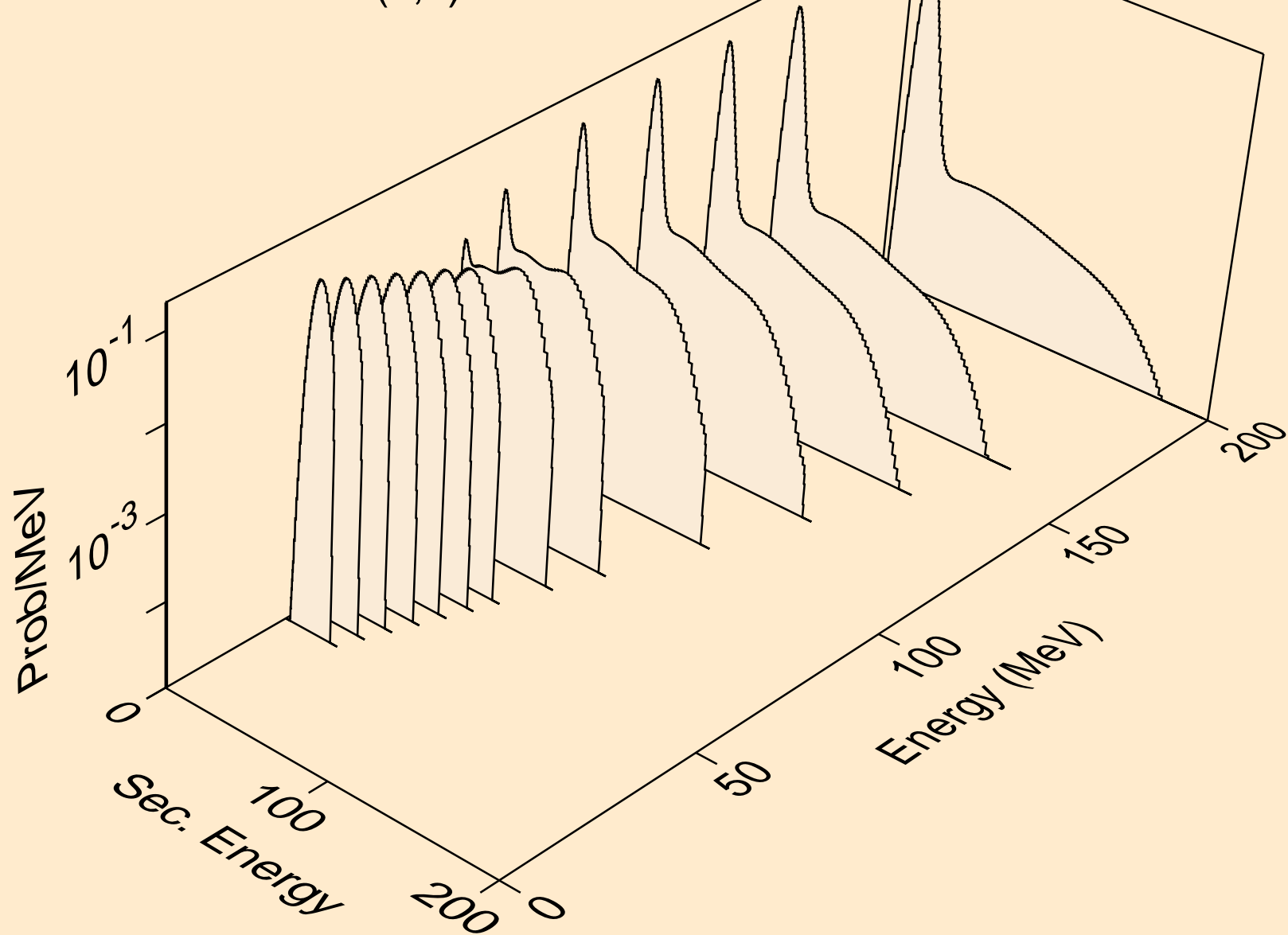




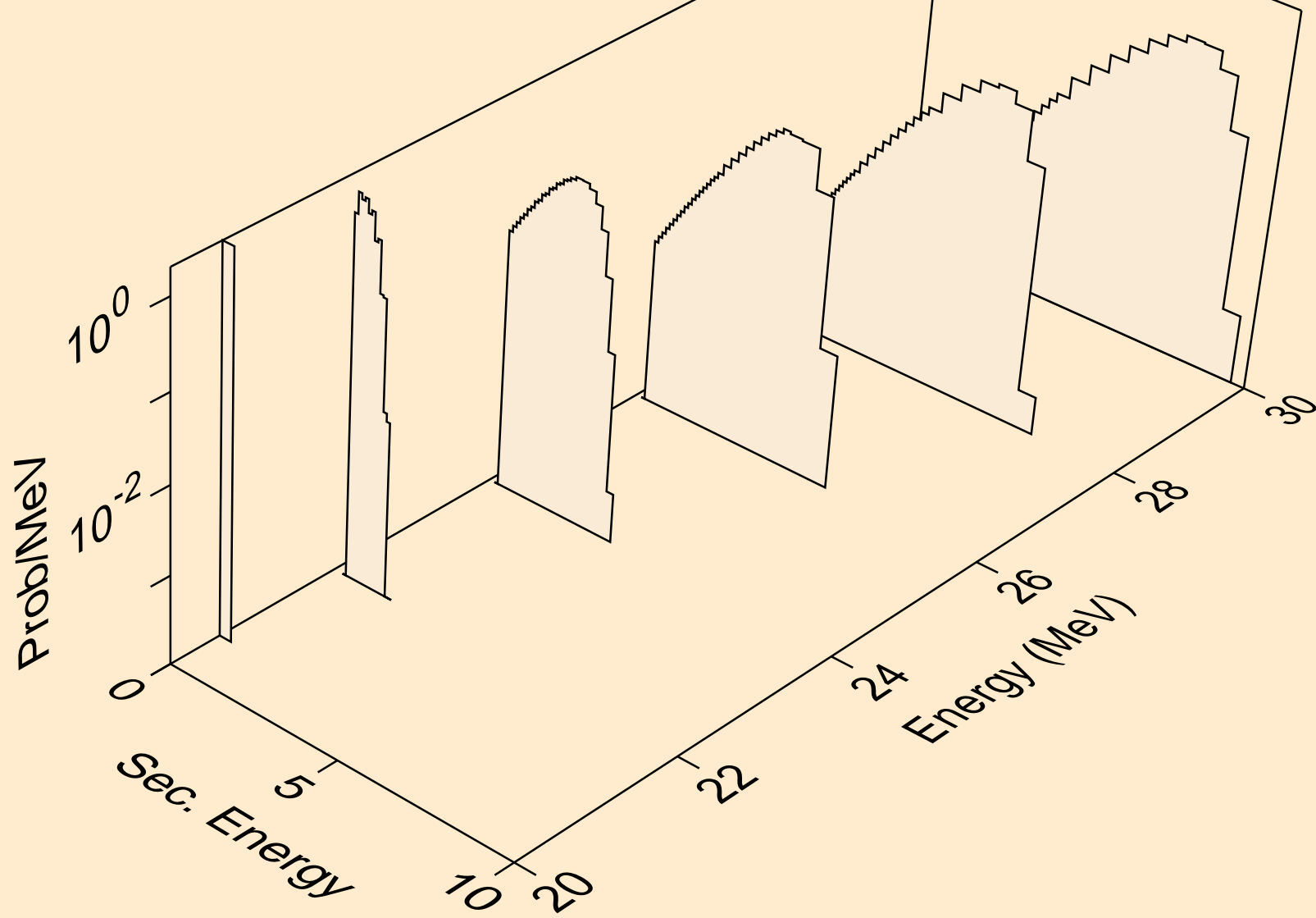
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pt)



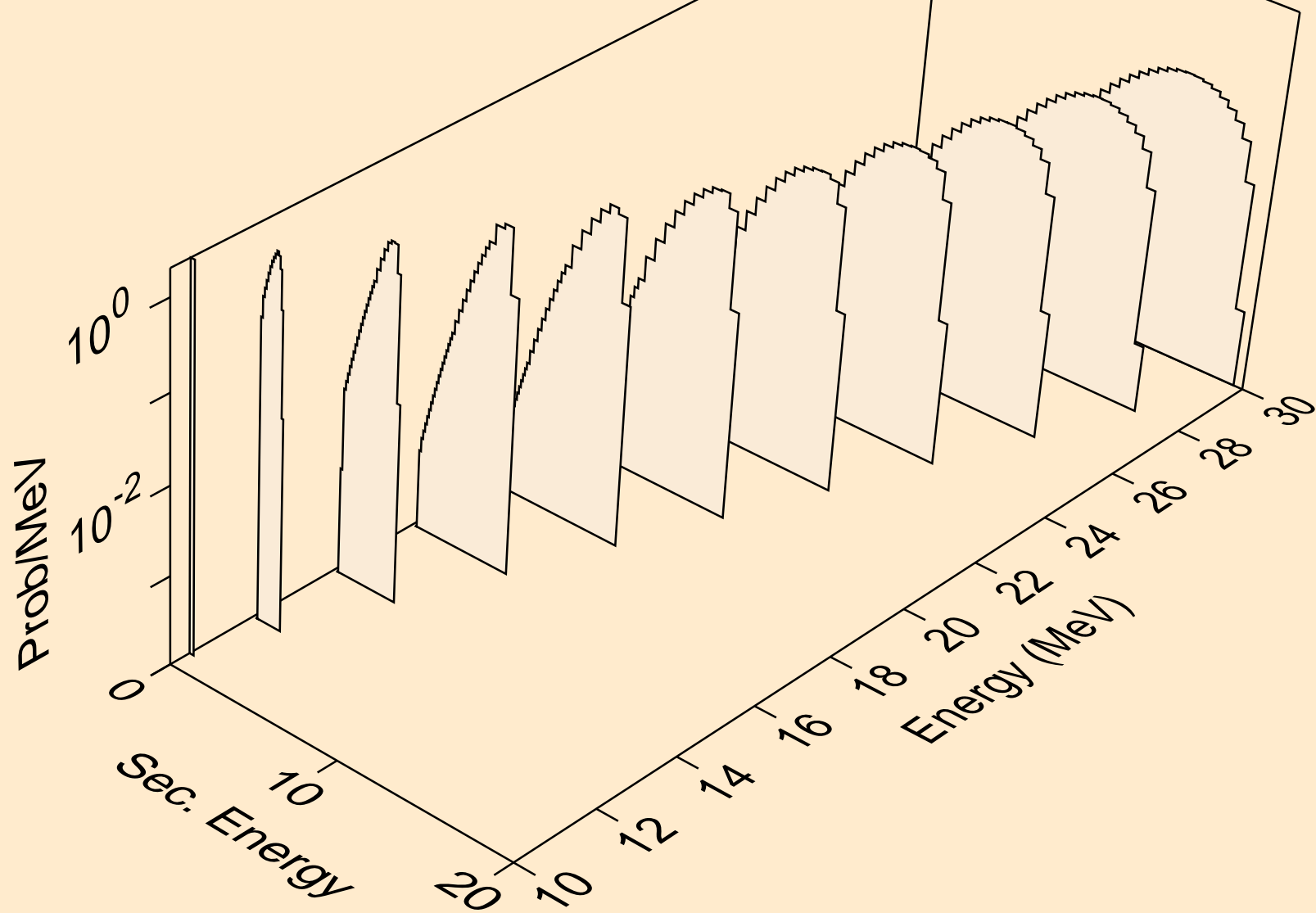
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,x)



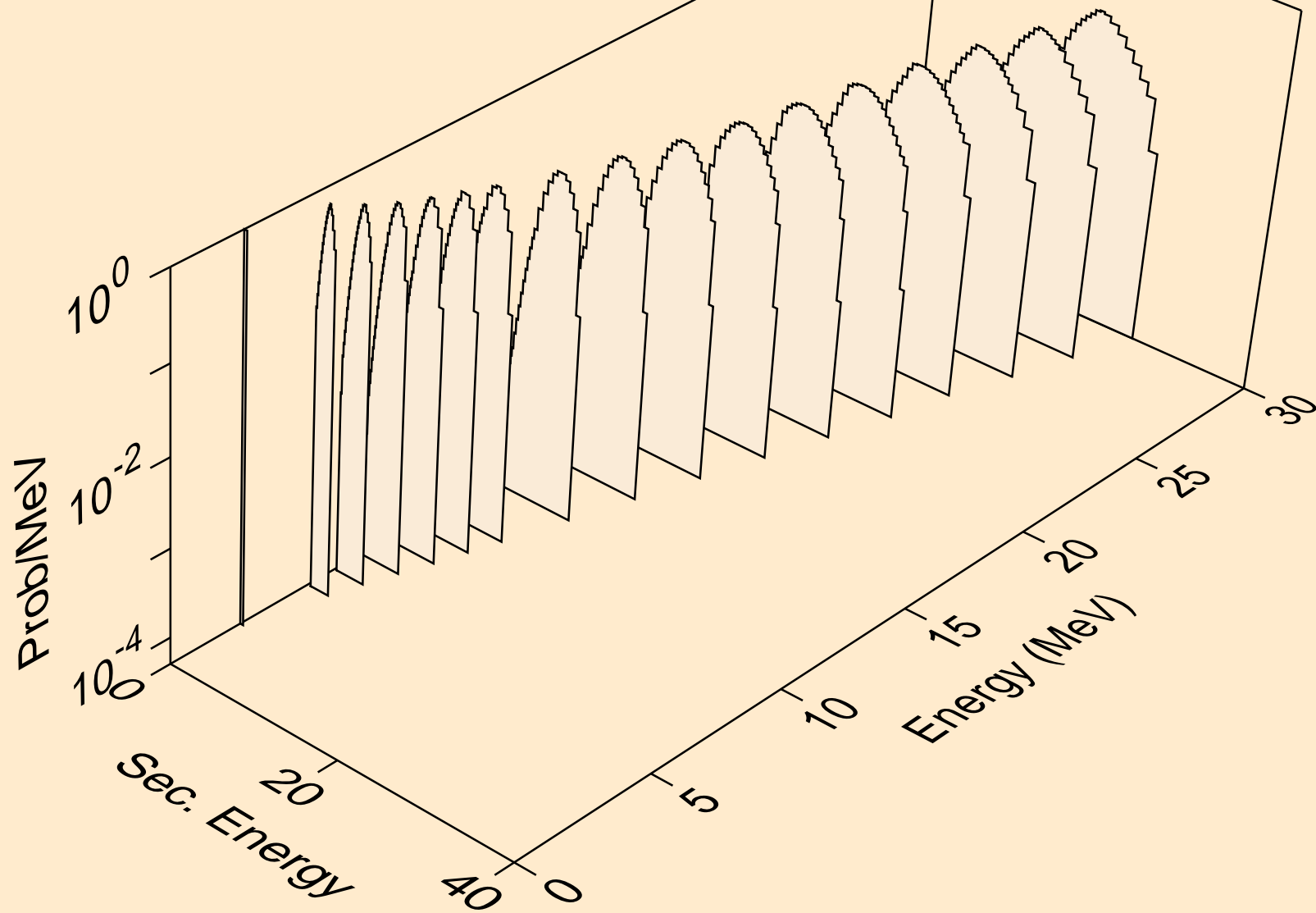
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,2nd)



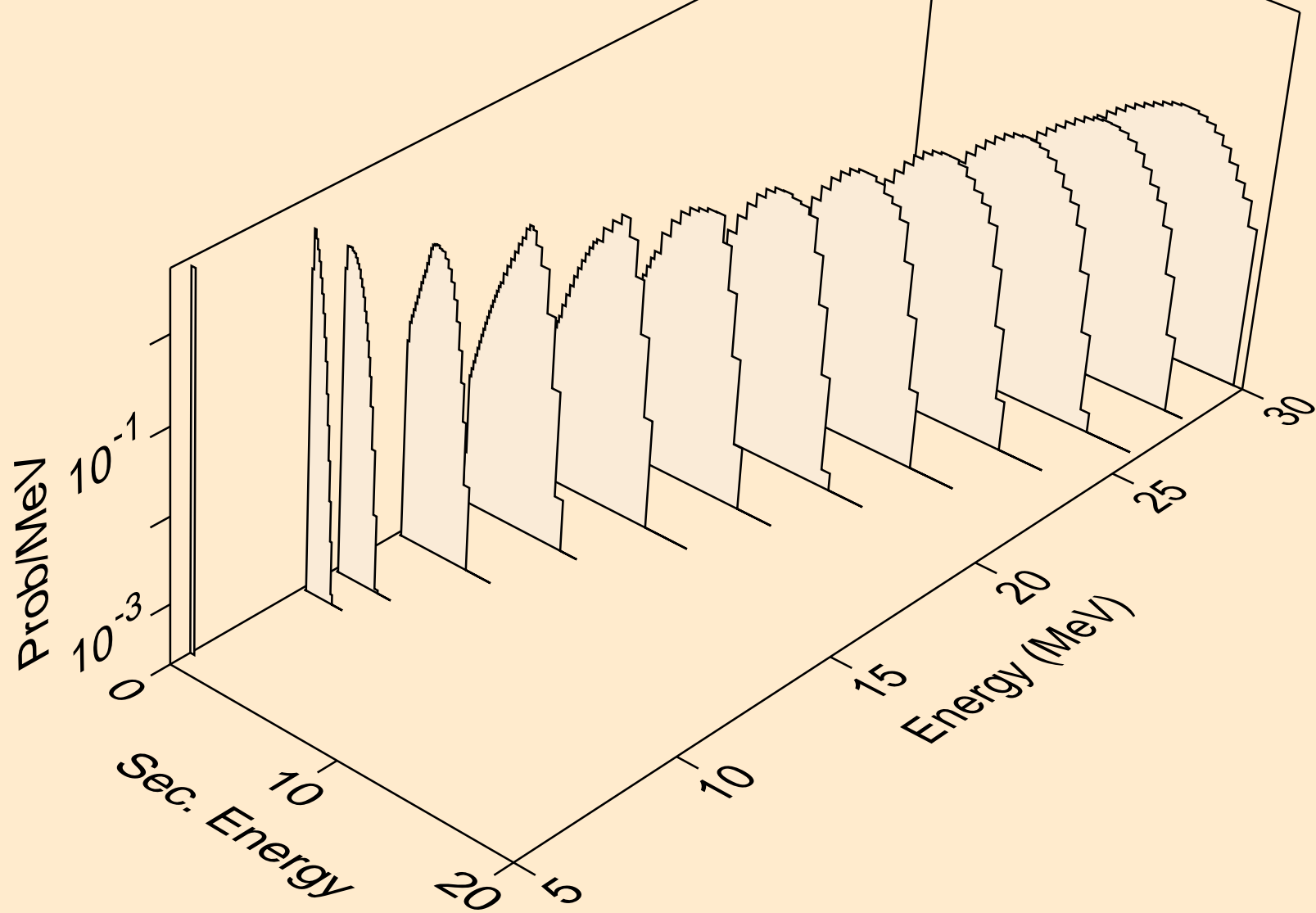
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,n\*)d



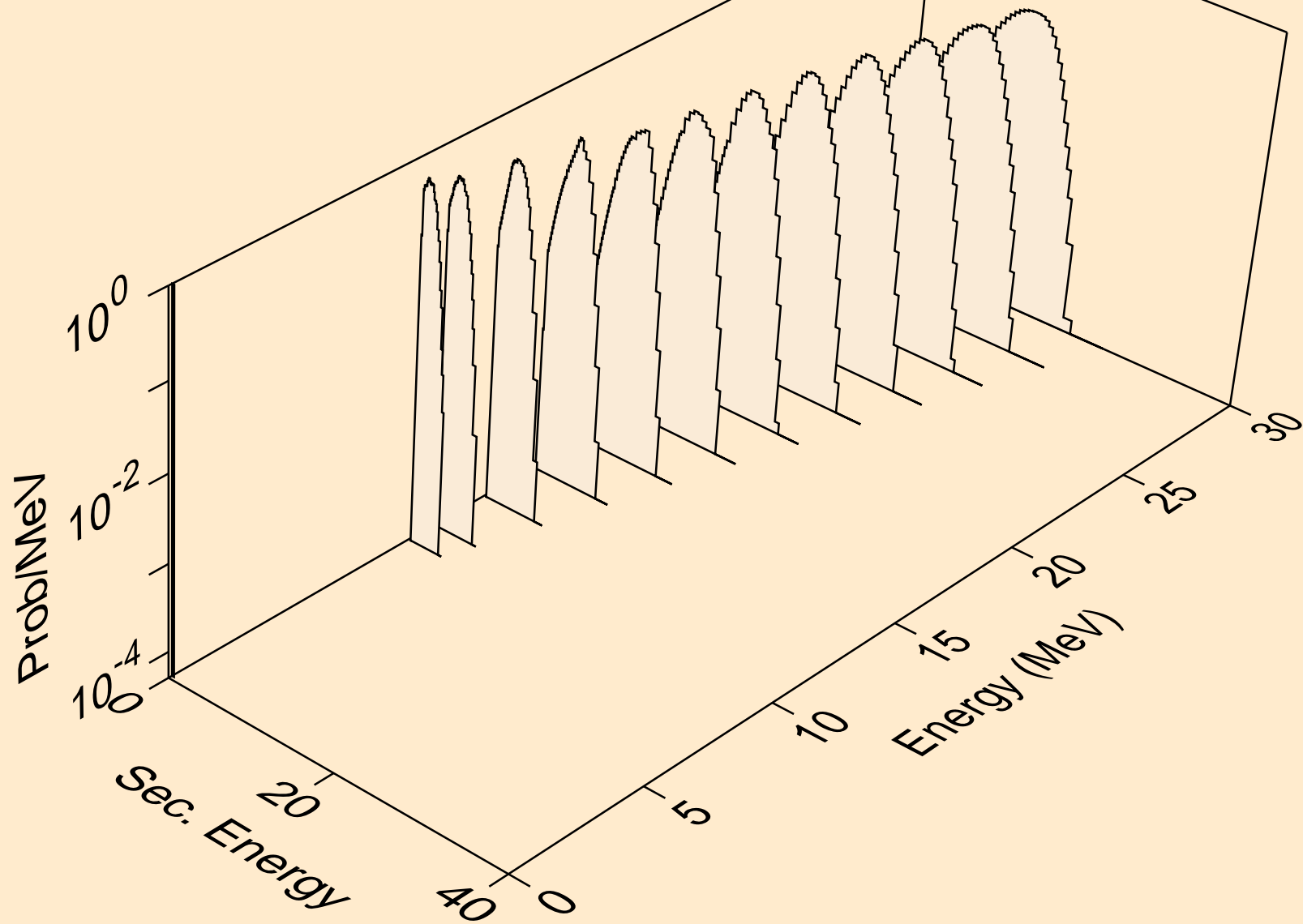
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,d)



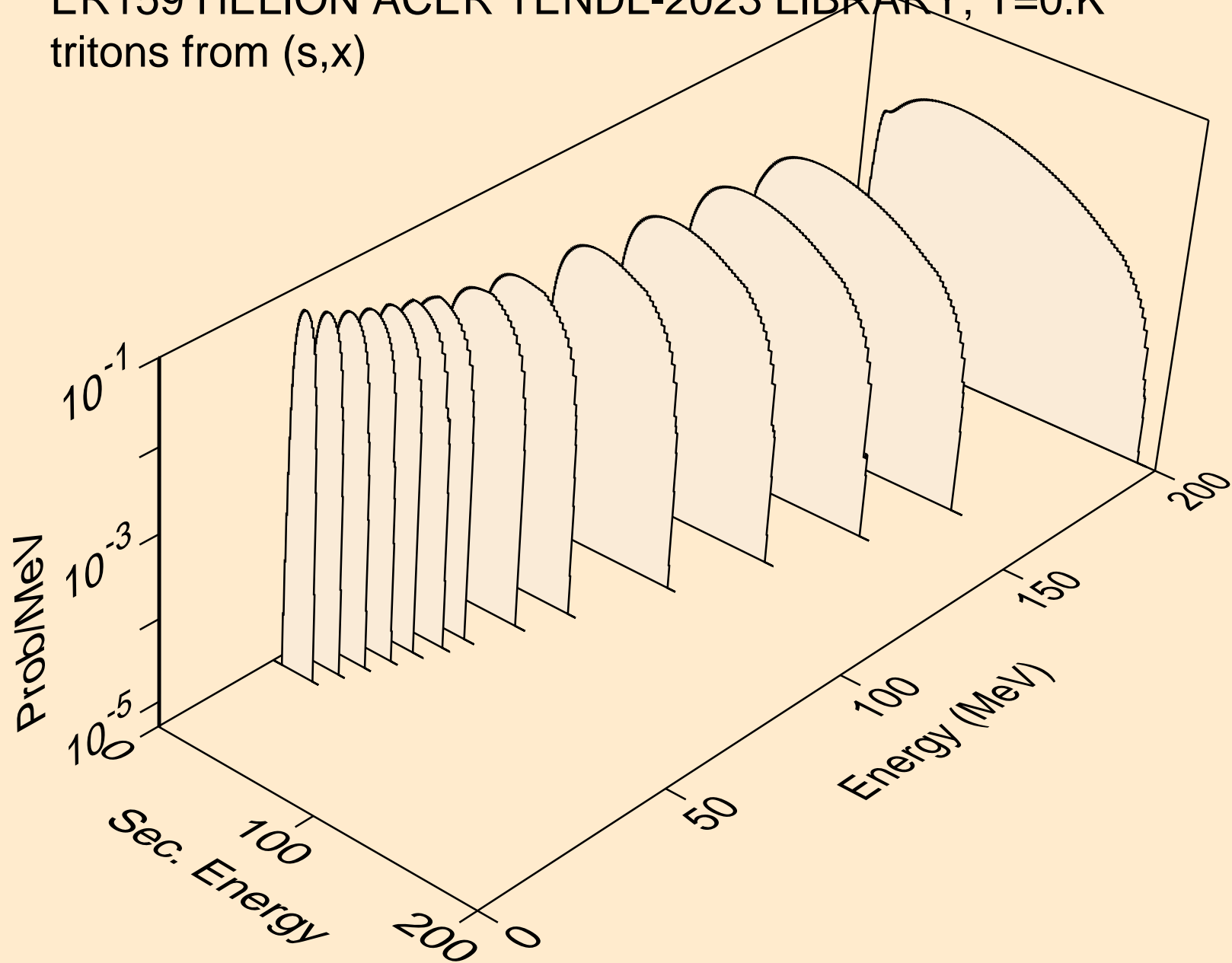
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,pd)



ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,da)

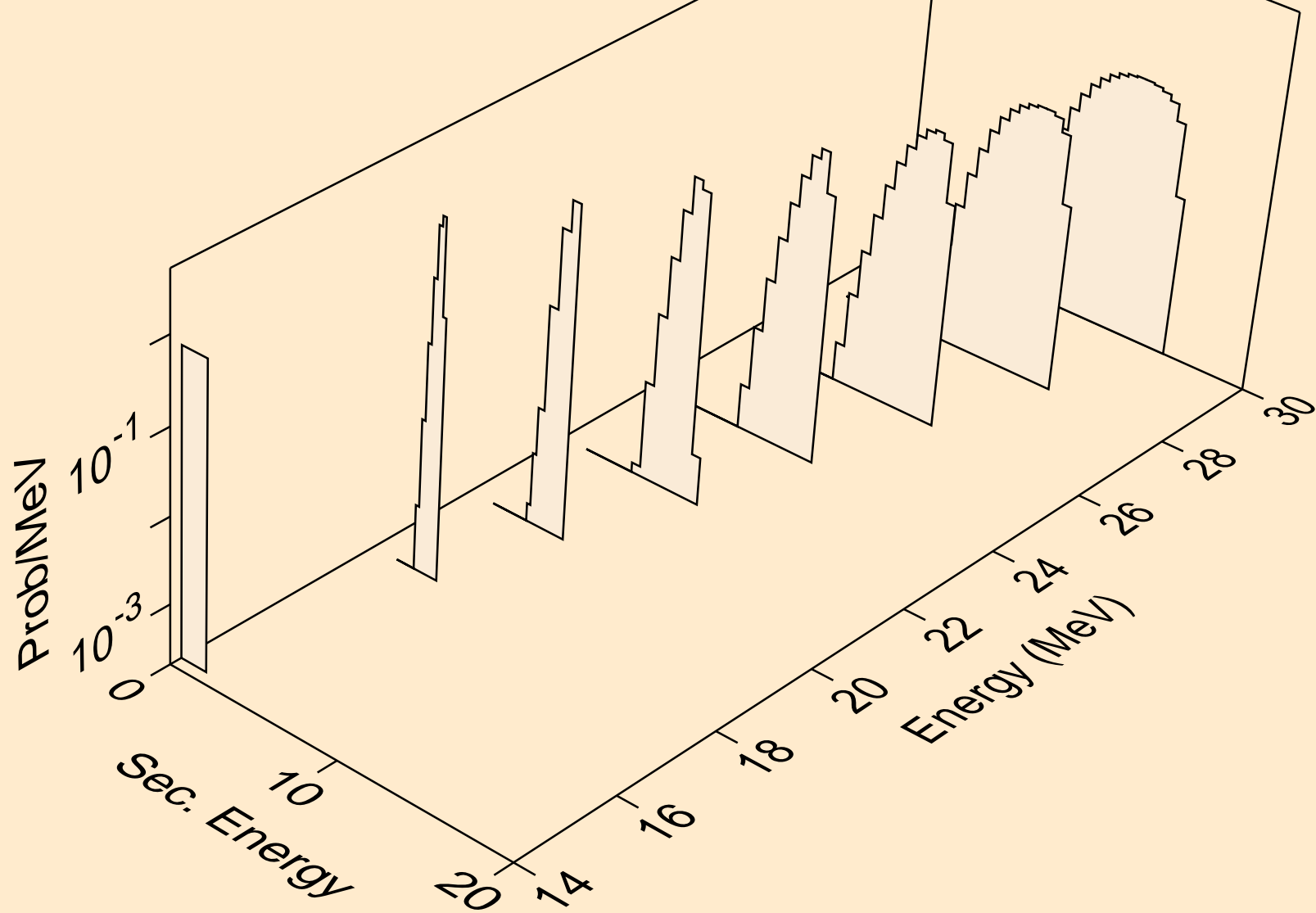


ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,x)

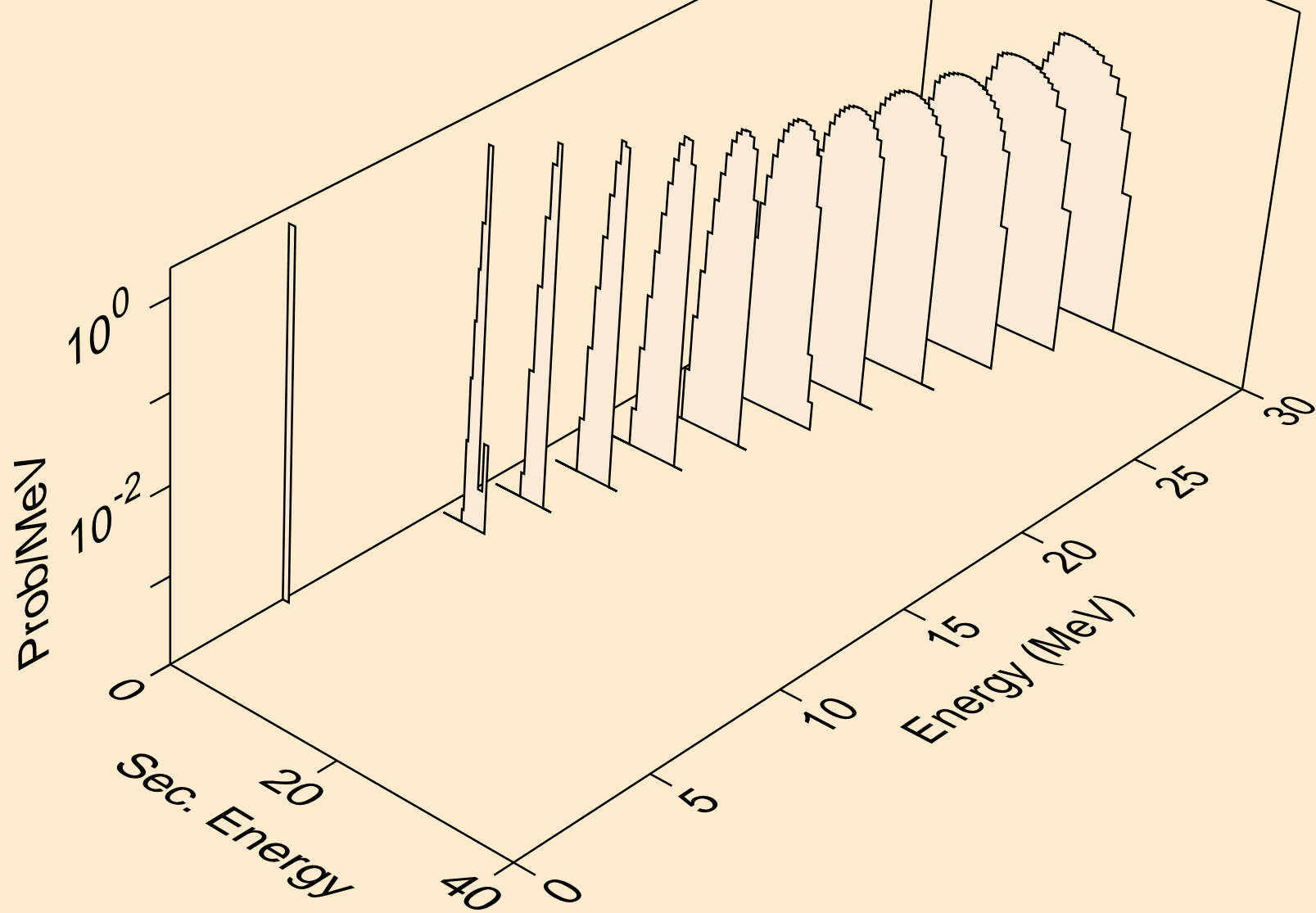




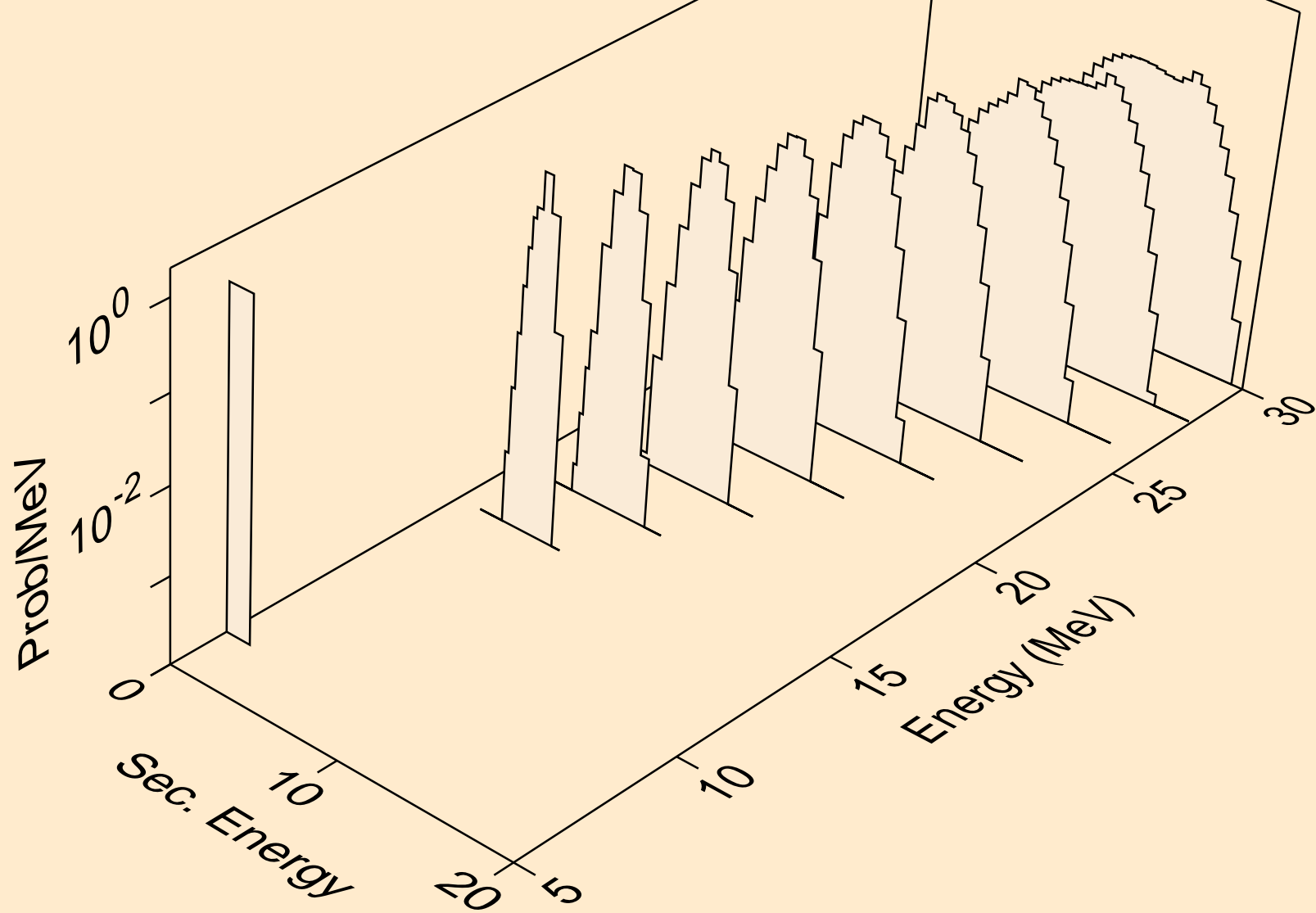
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,n\*)t



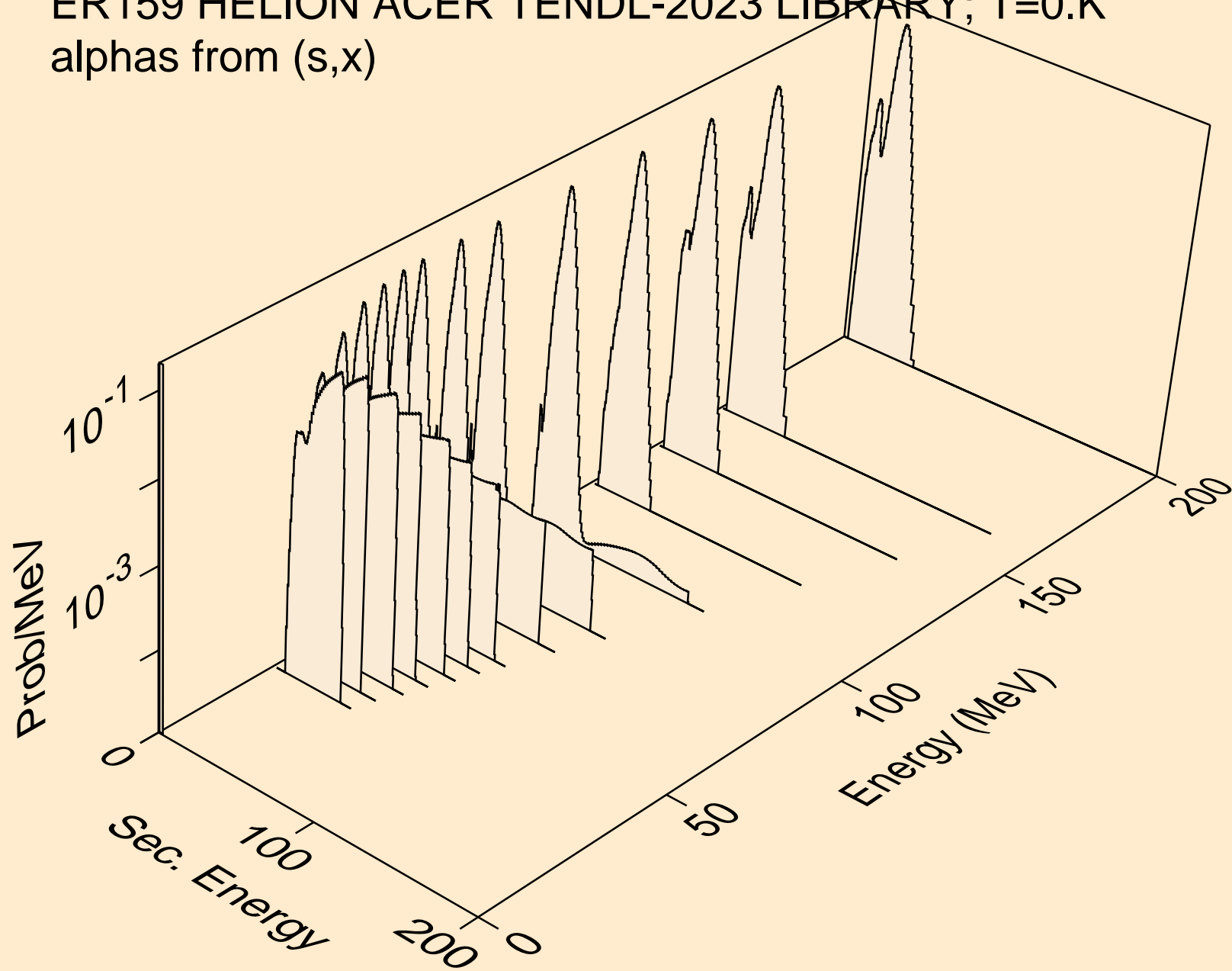
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,t)



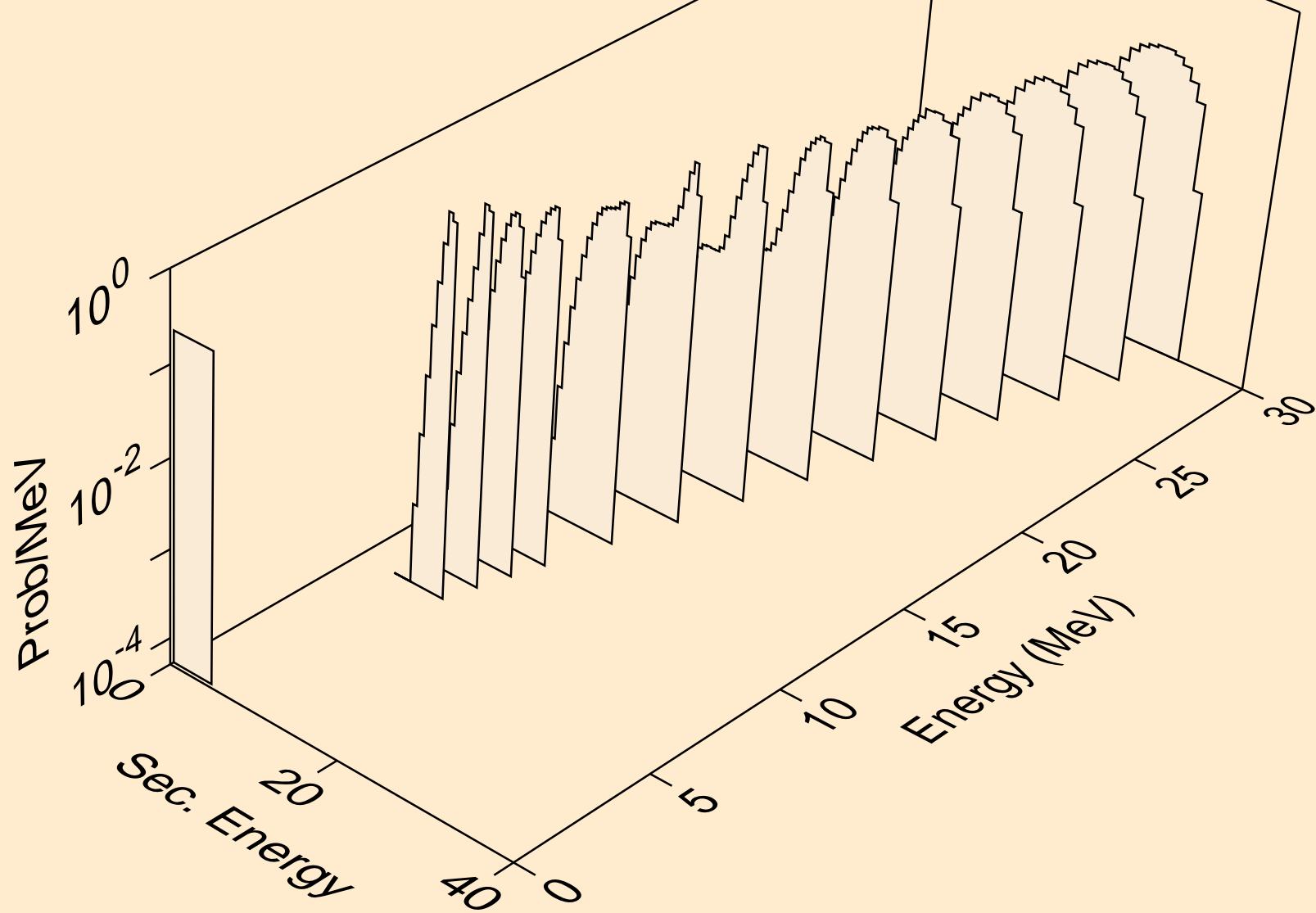
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,pt)



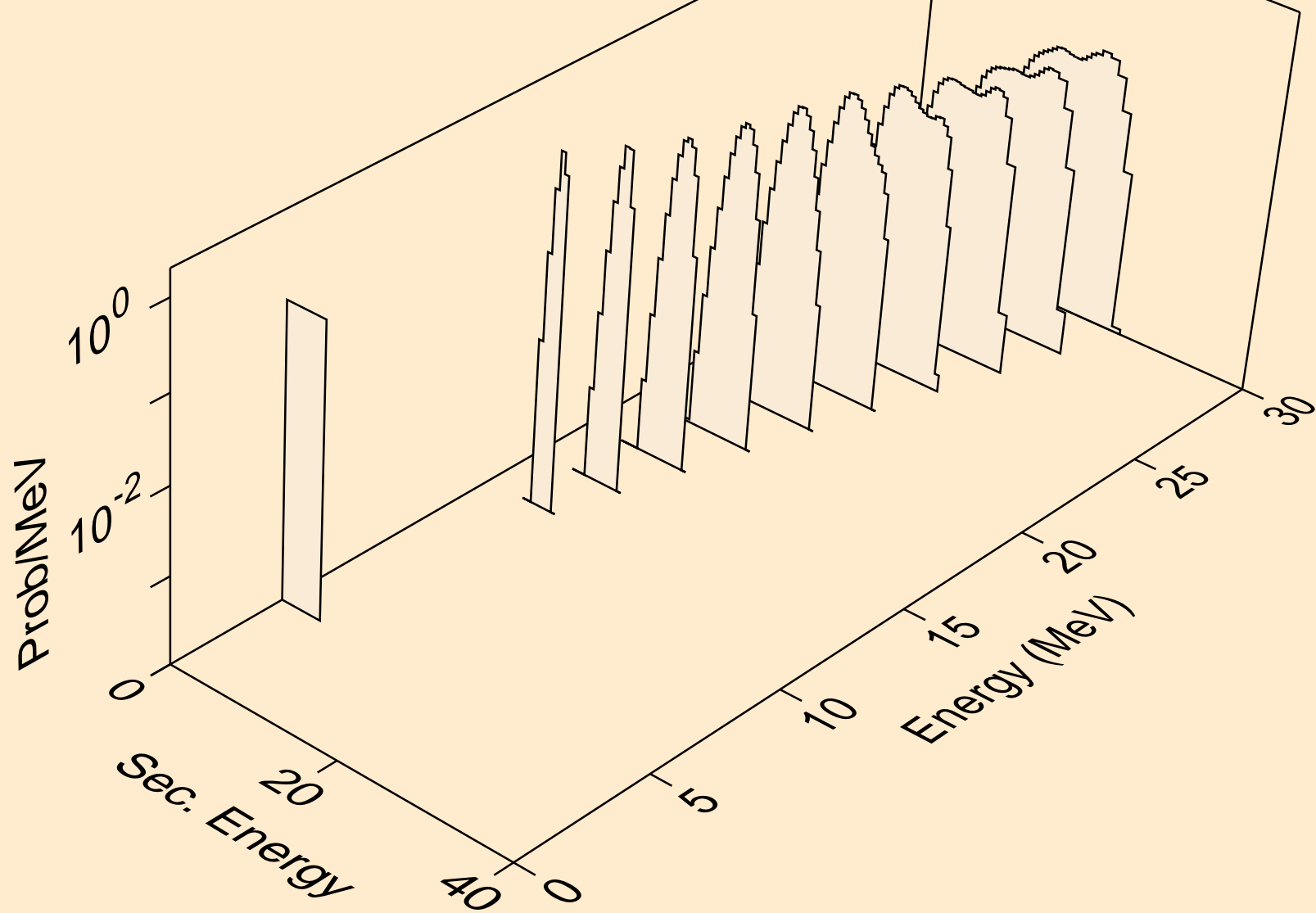
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,x)



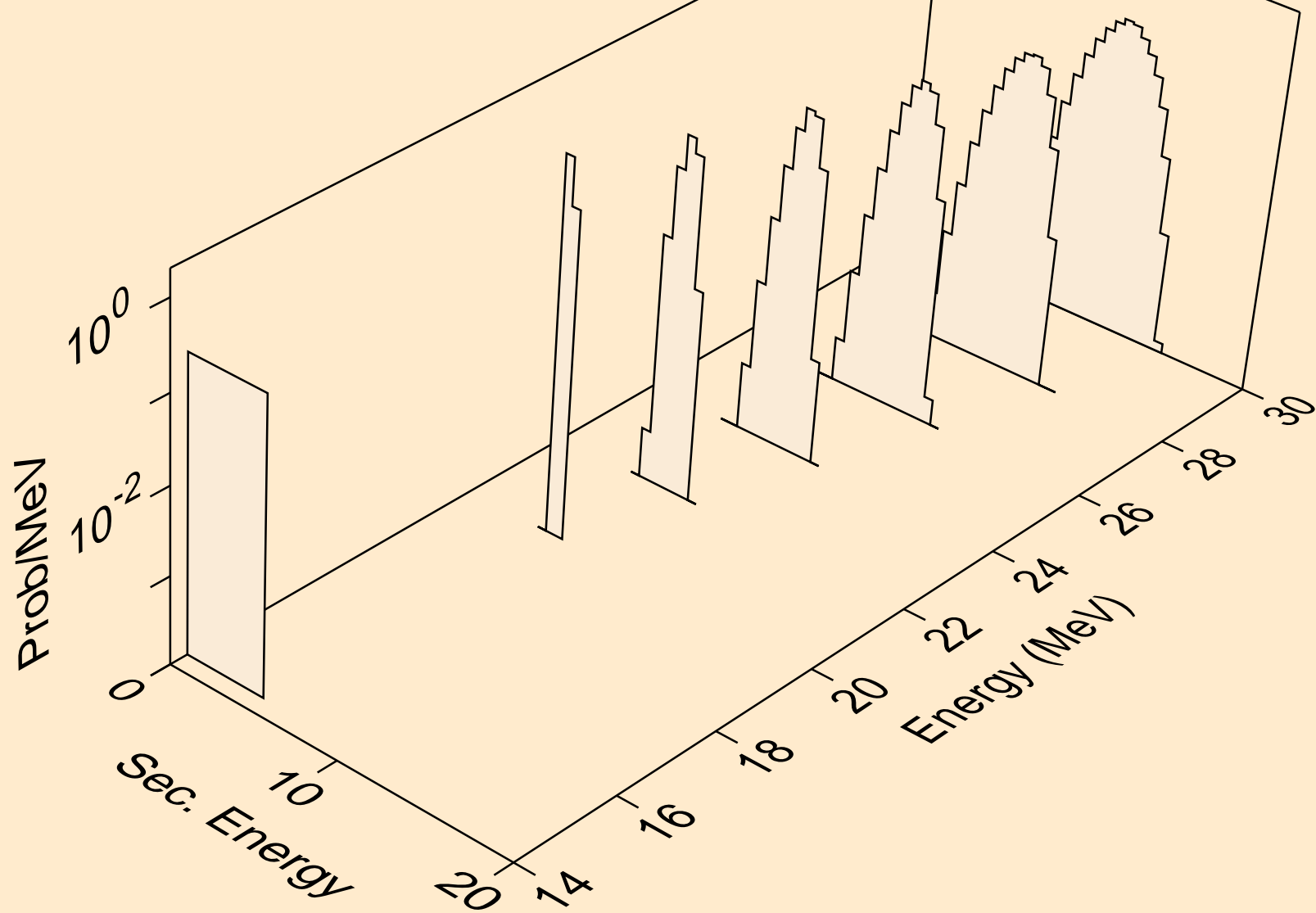
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)a



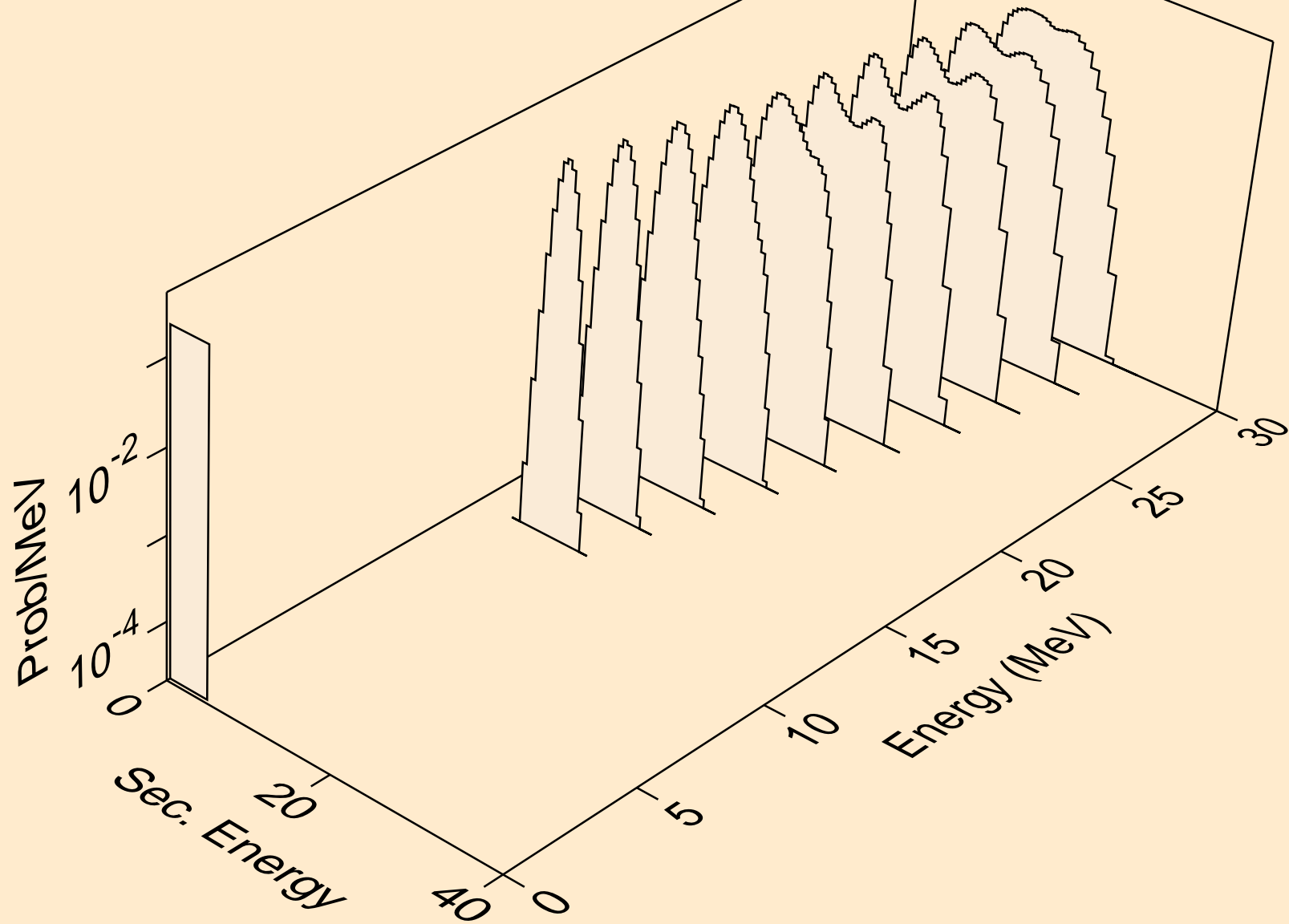
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2n)a



ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,3n)a

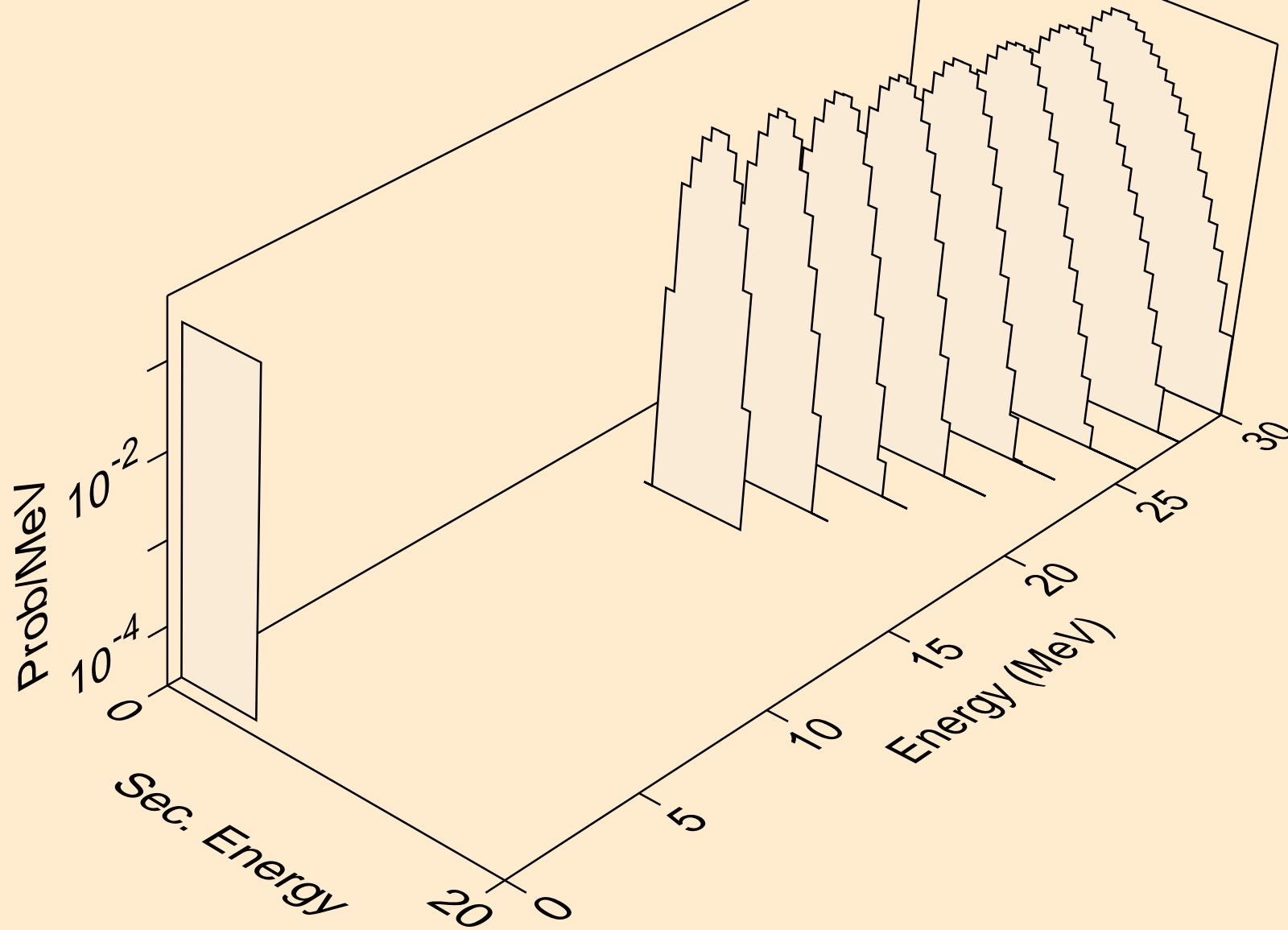


ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)2a

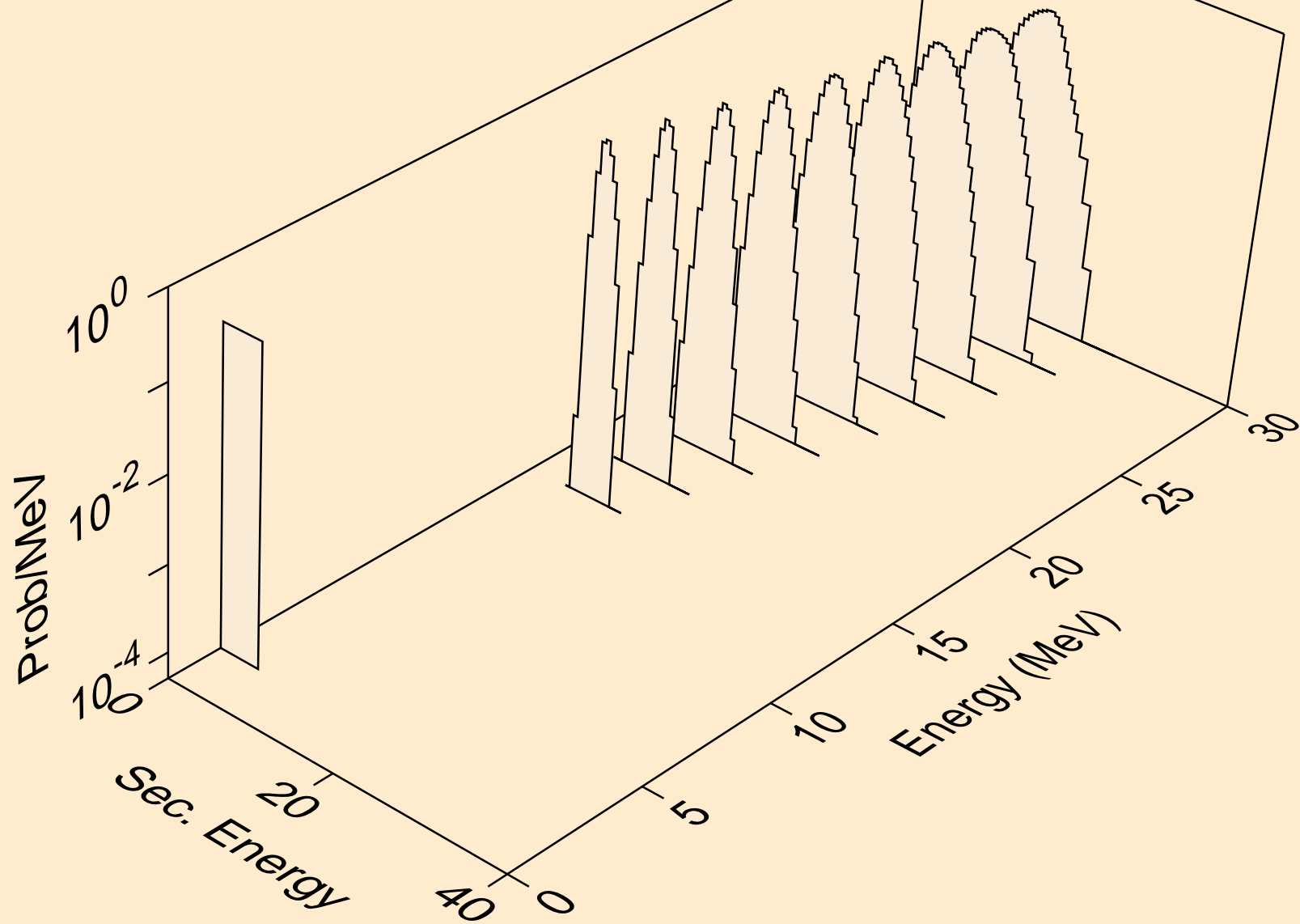




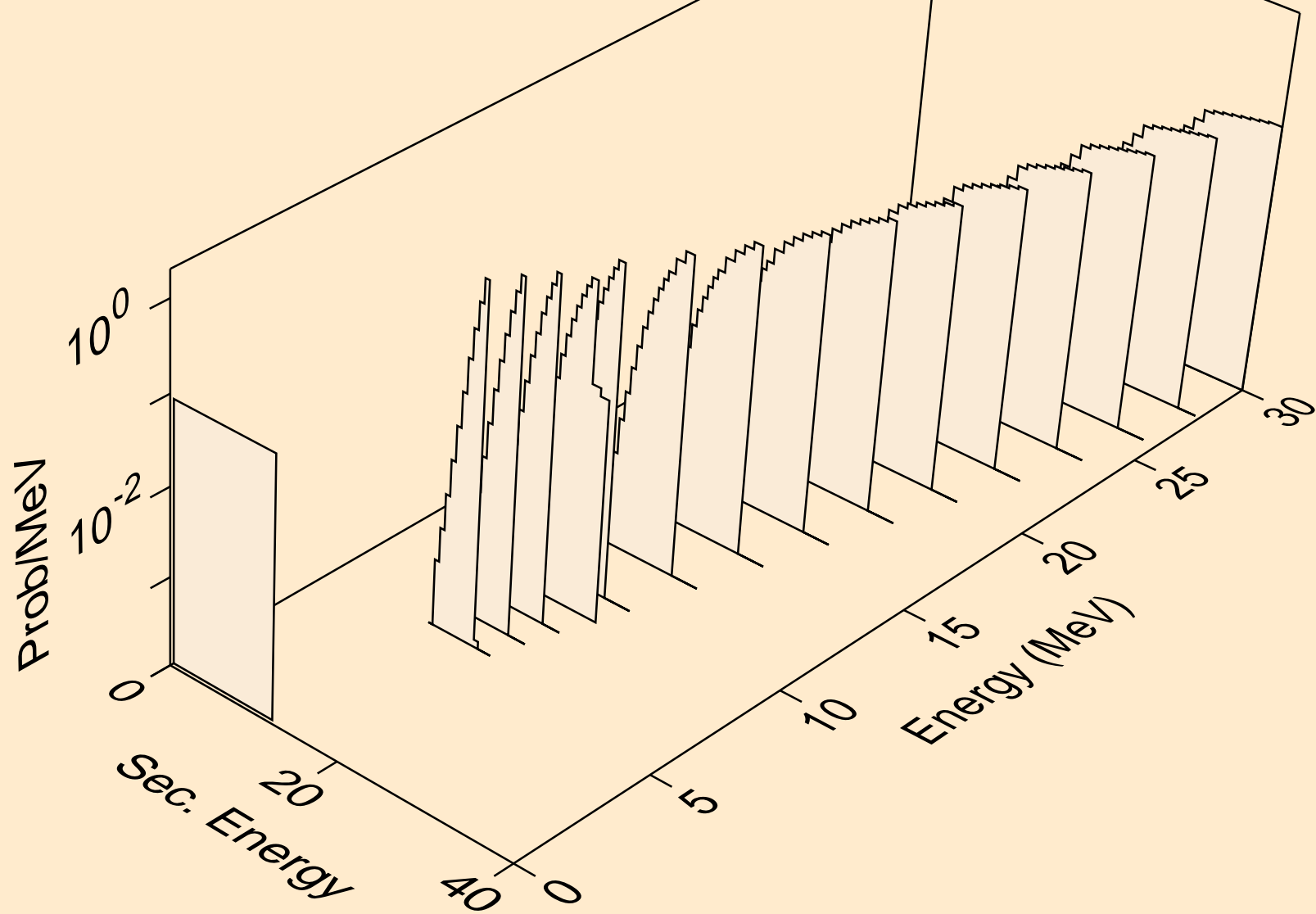
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2n)2a



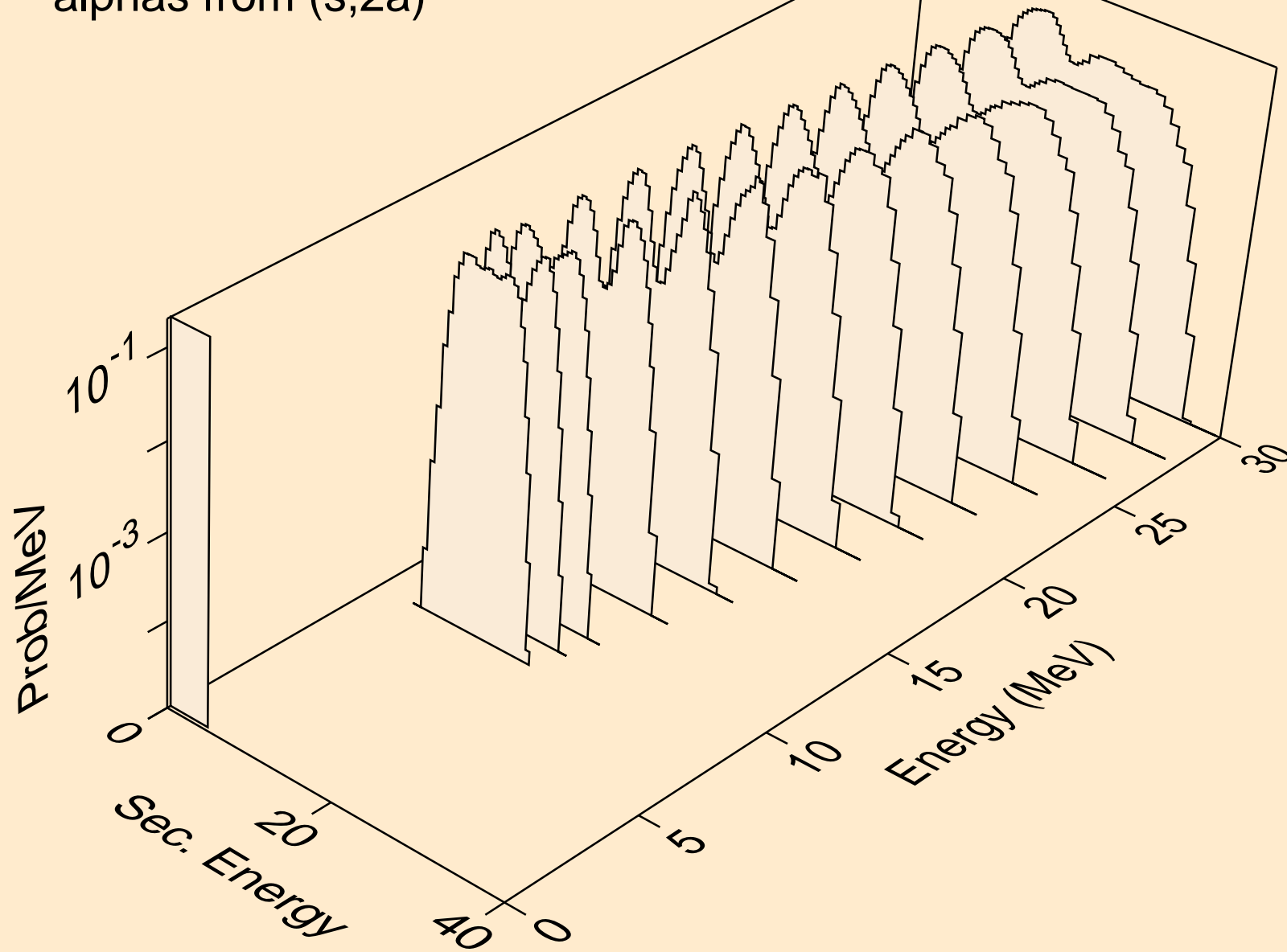
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,npa)



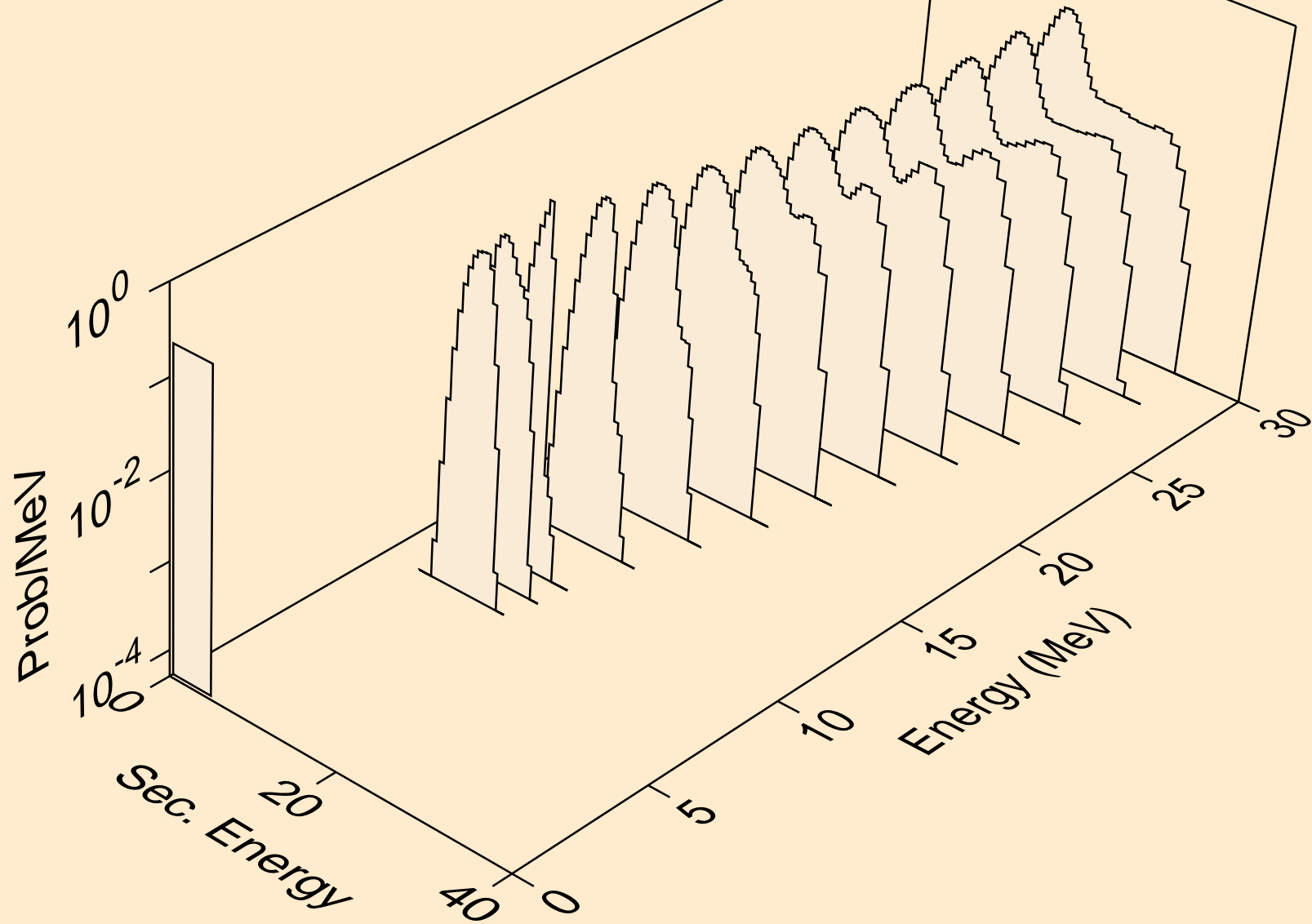
ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,a)



ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2a)



ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,pa)



ER159 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,da)

