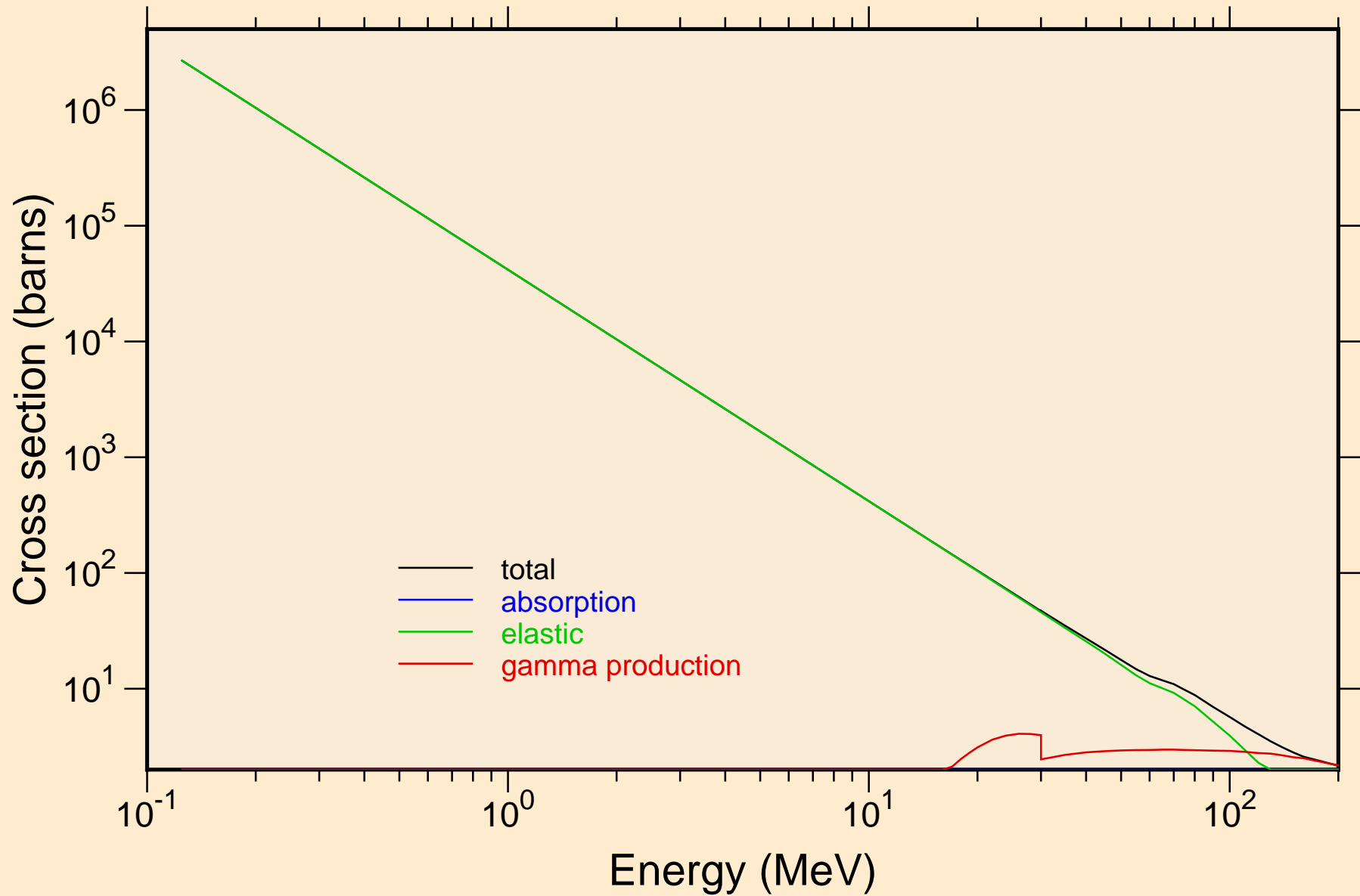
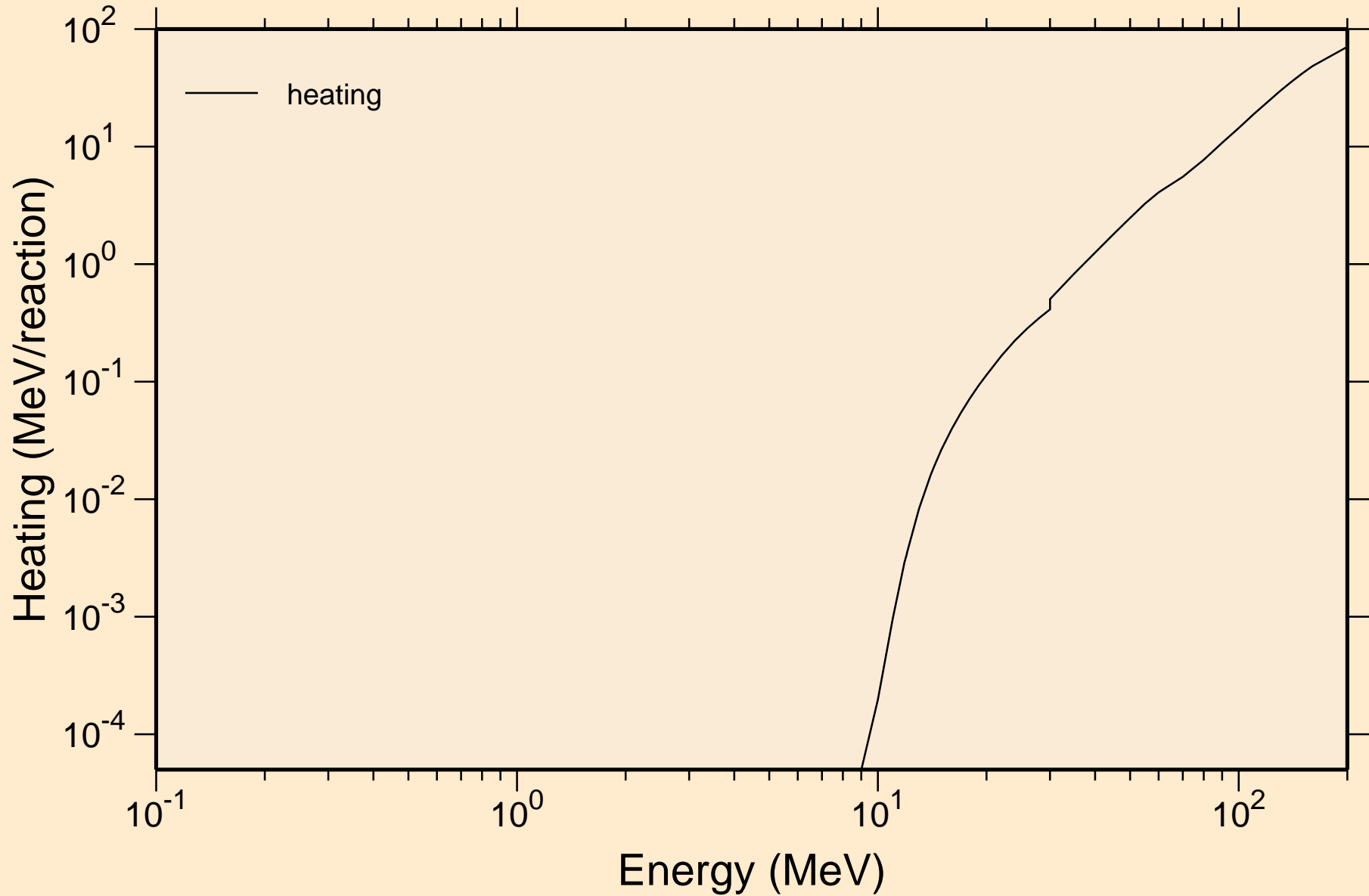


ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Principal cross sections



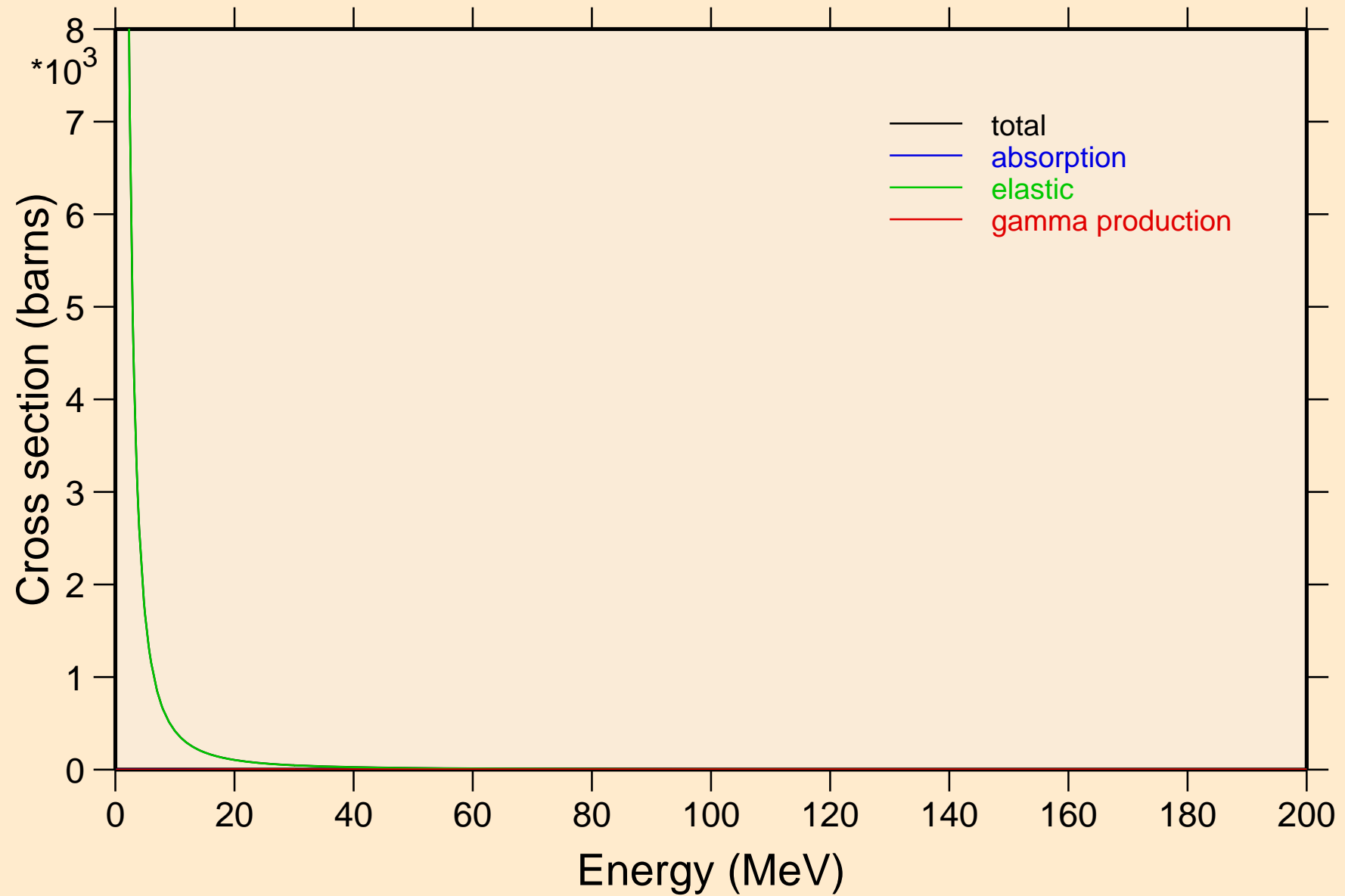
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K

Heating



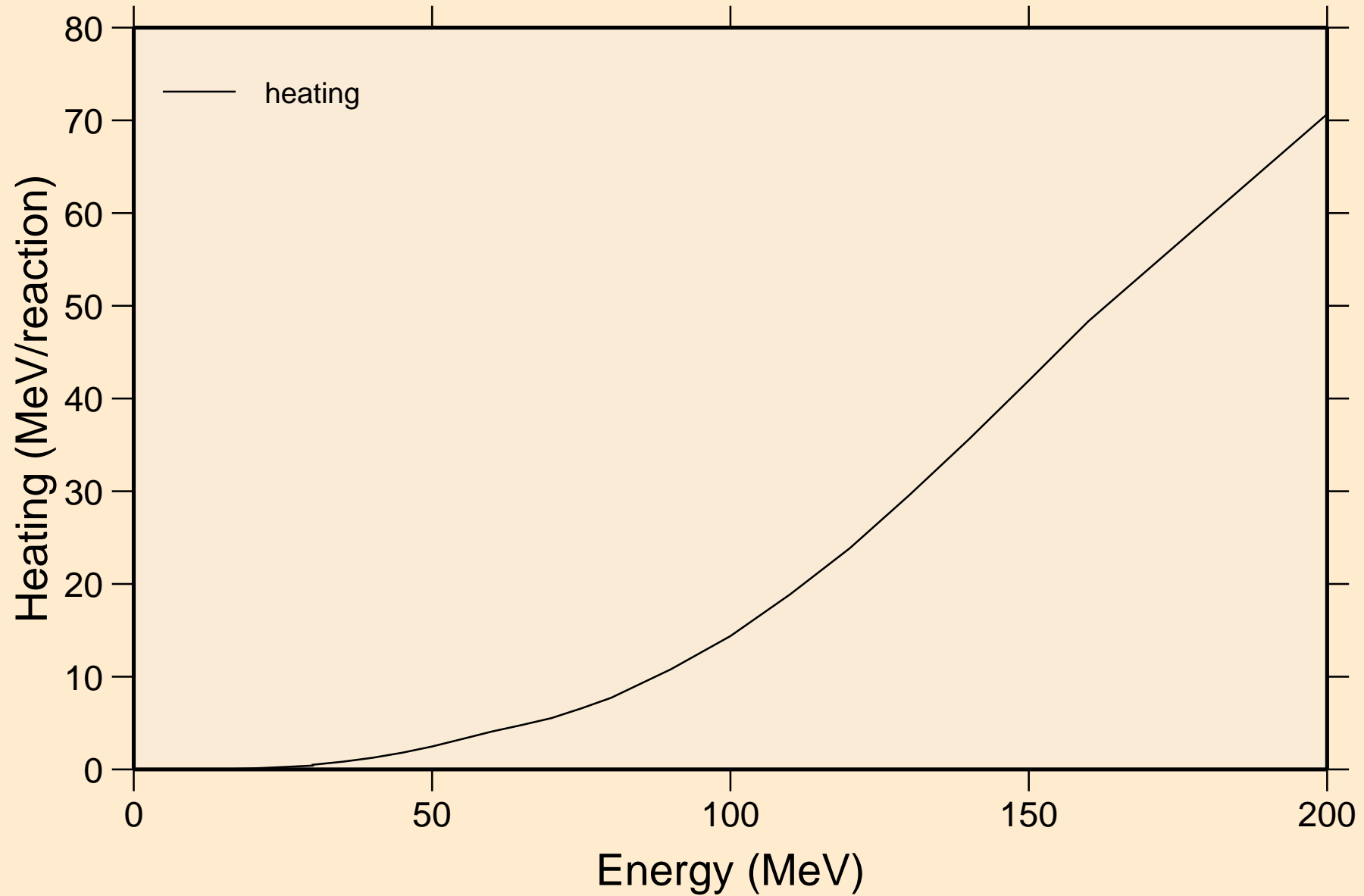
# ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections

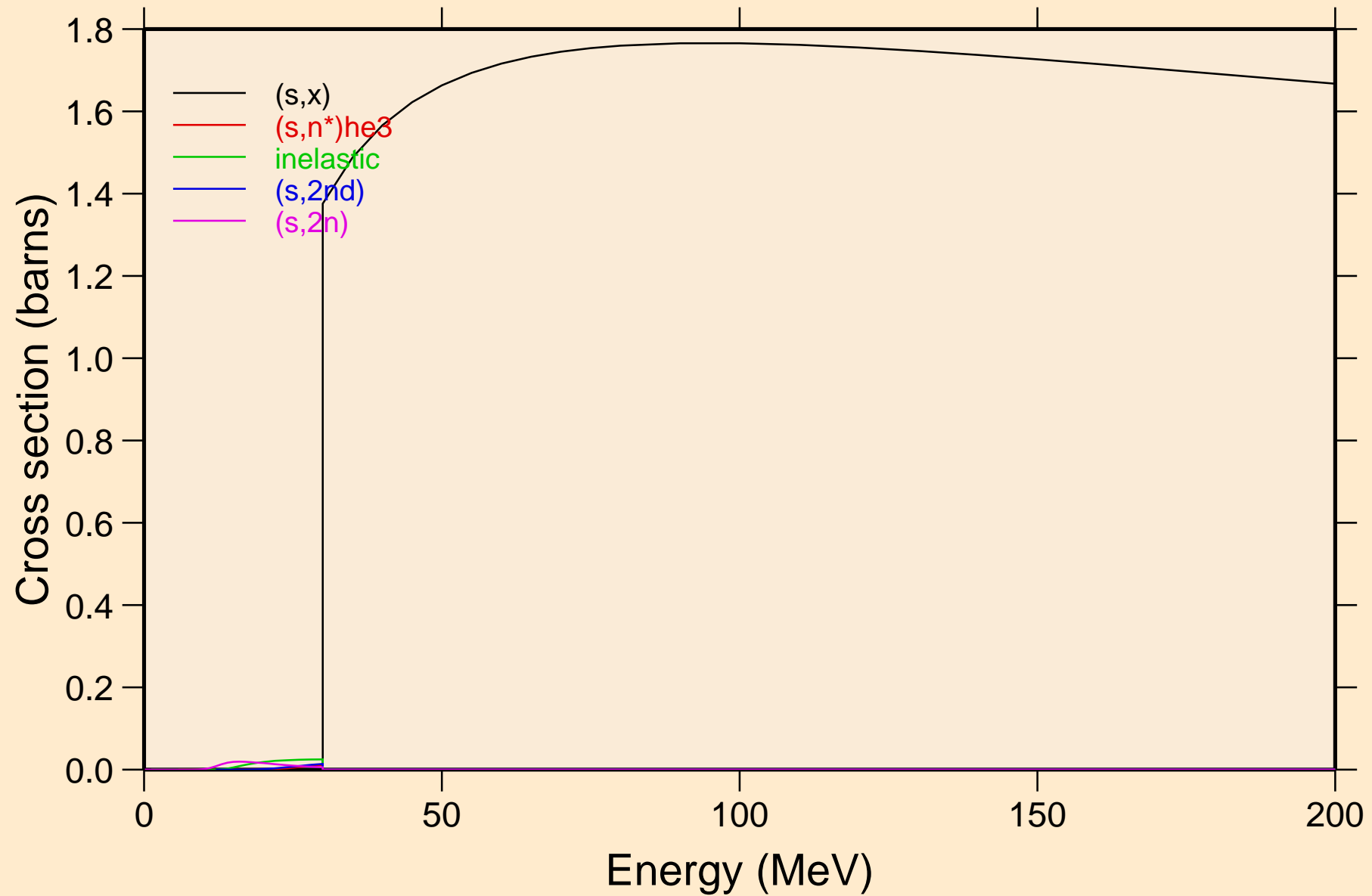


ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K

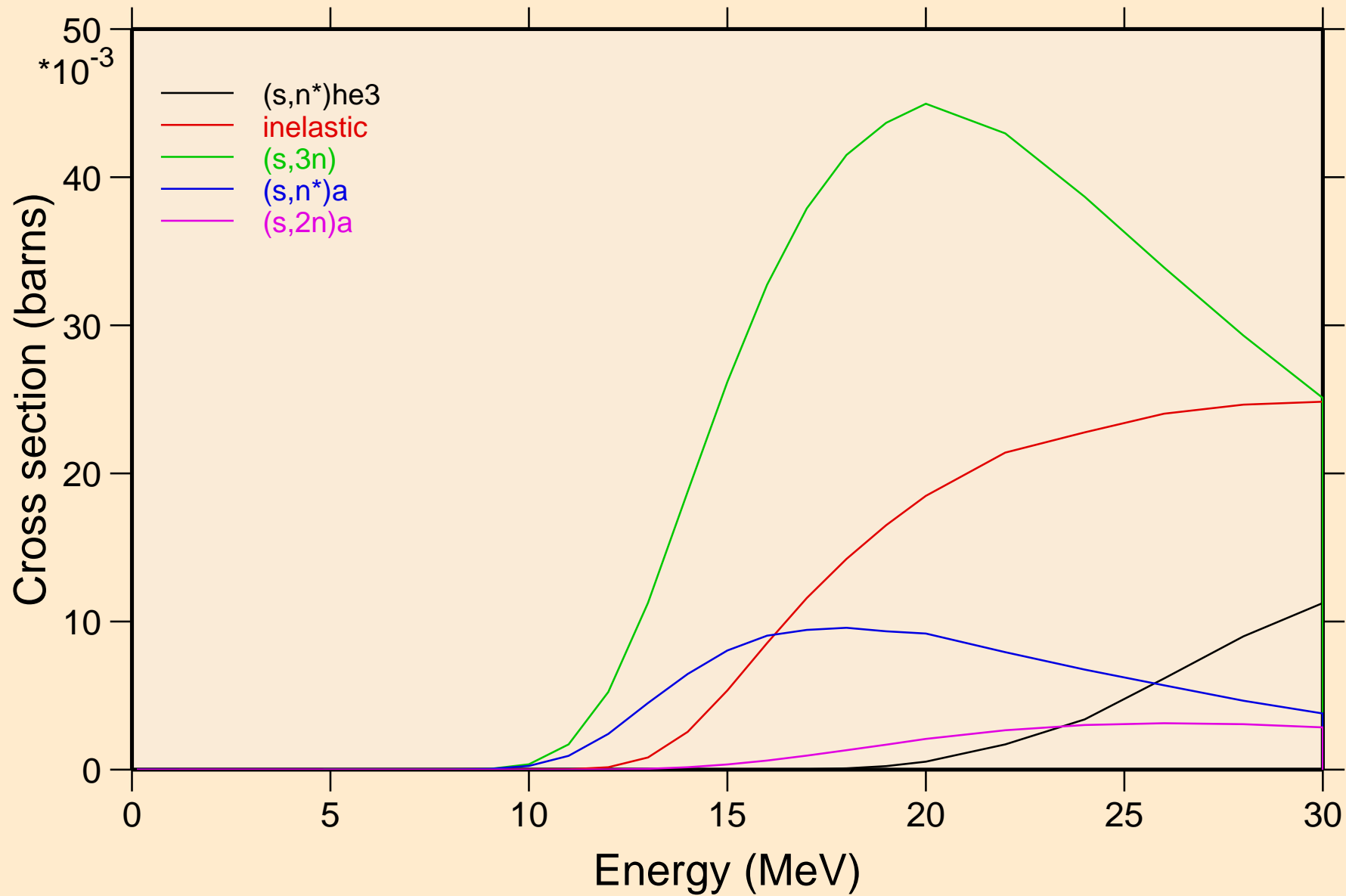
Heating



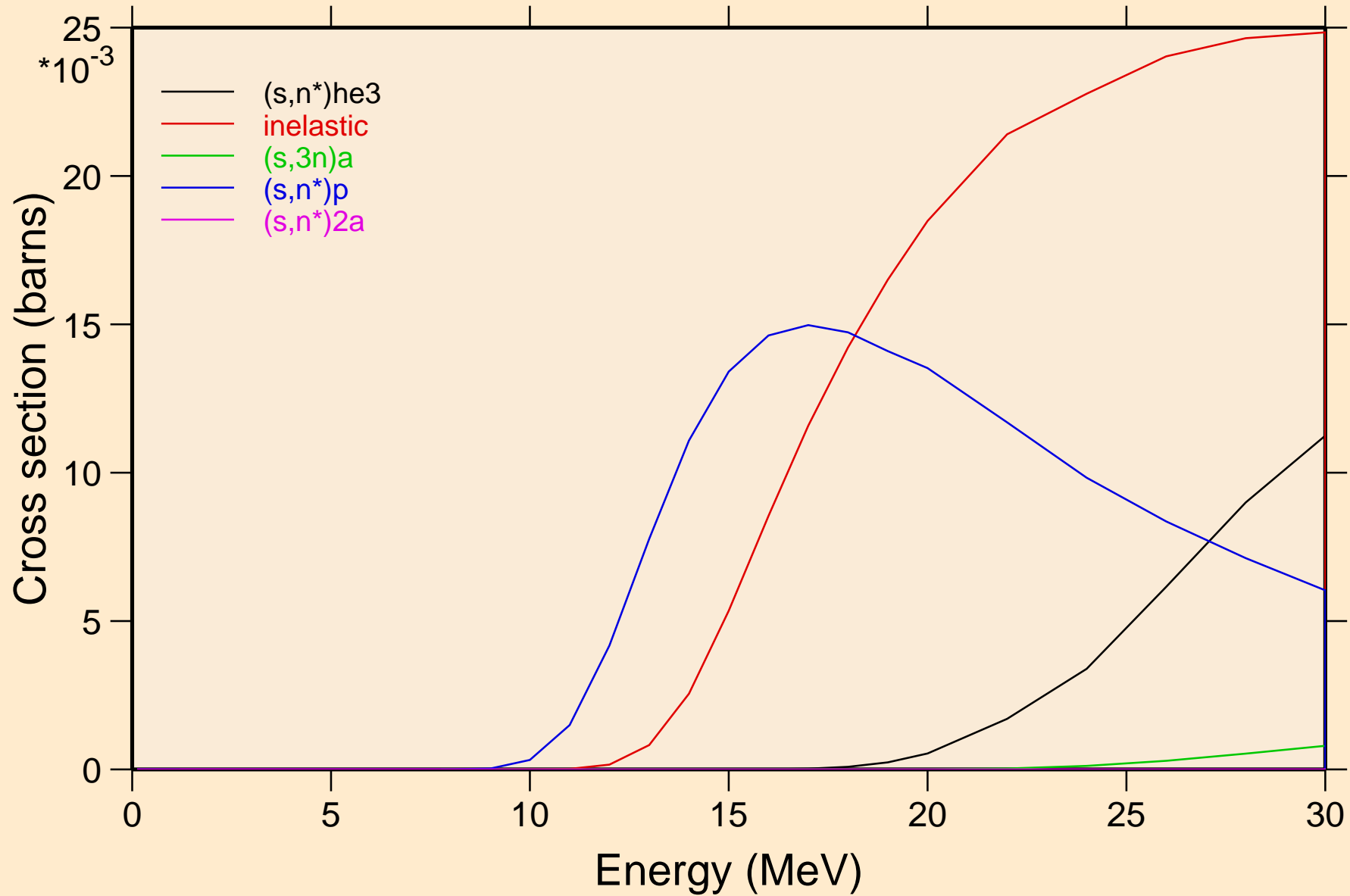
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



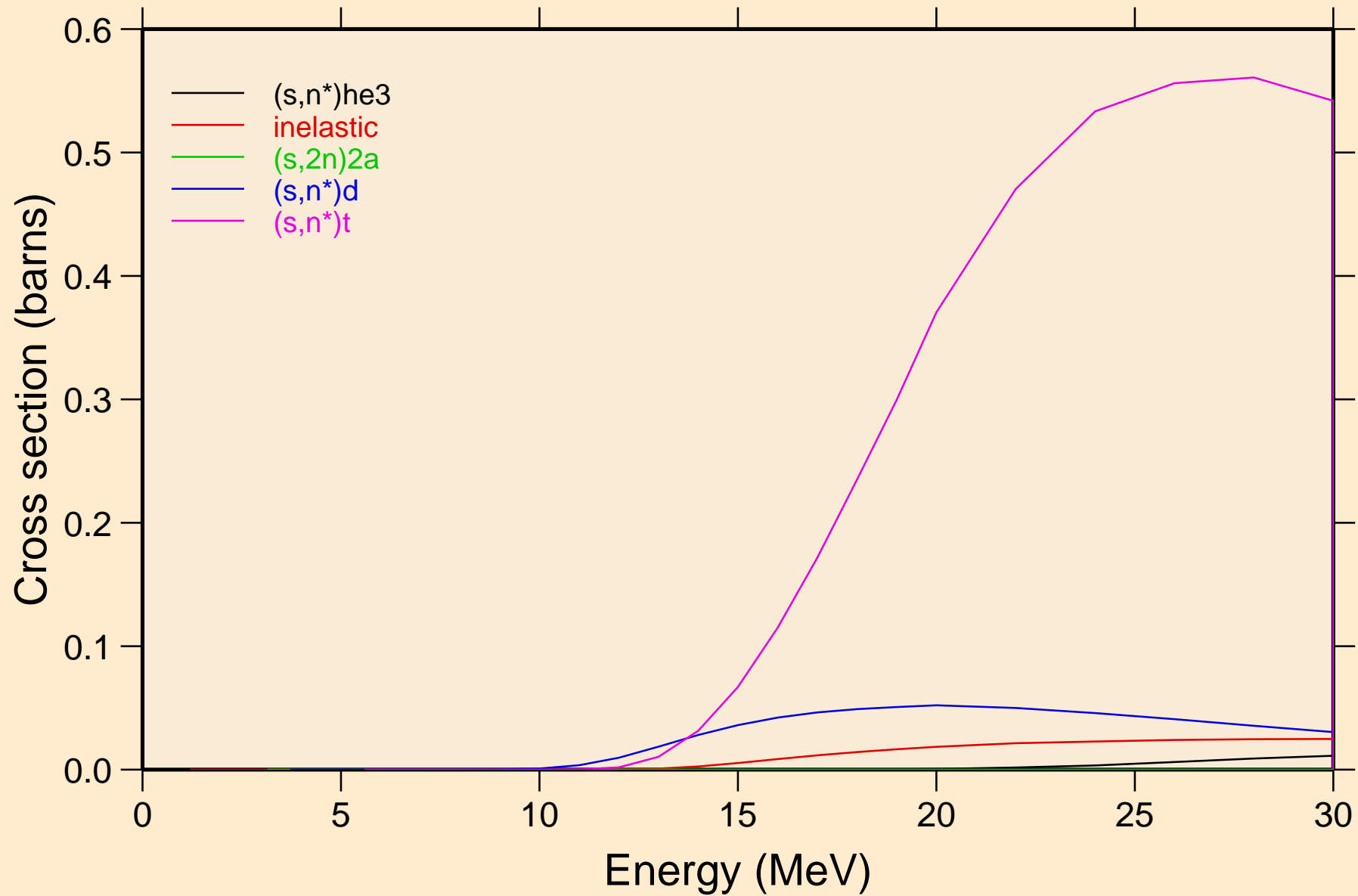
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



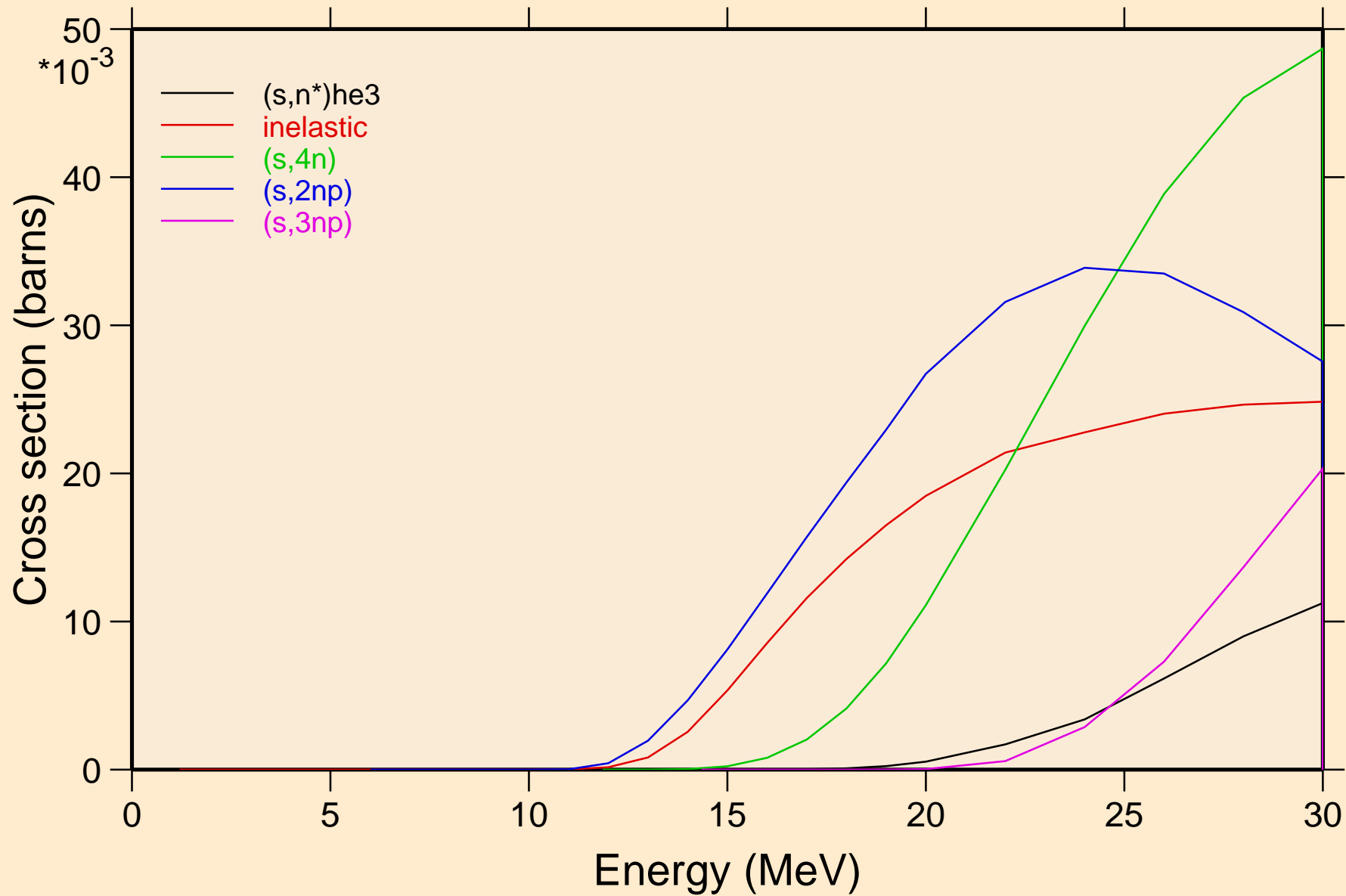
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



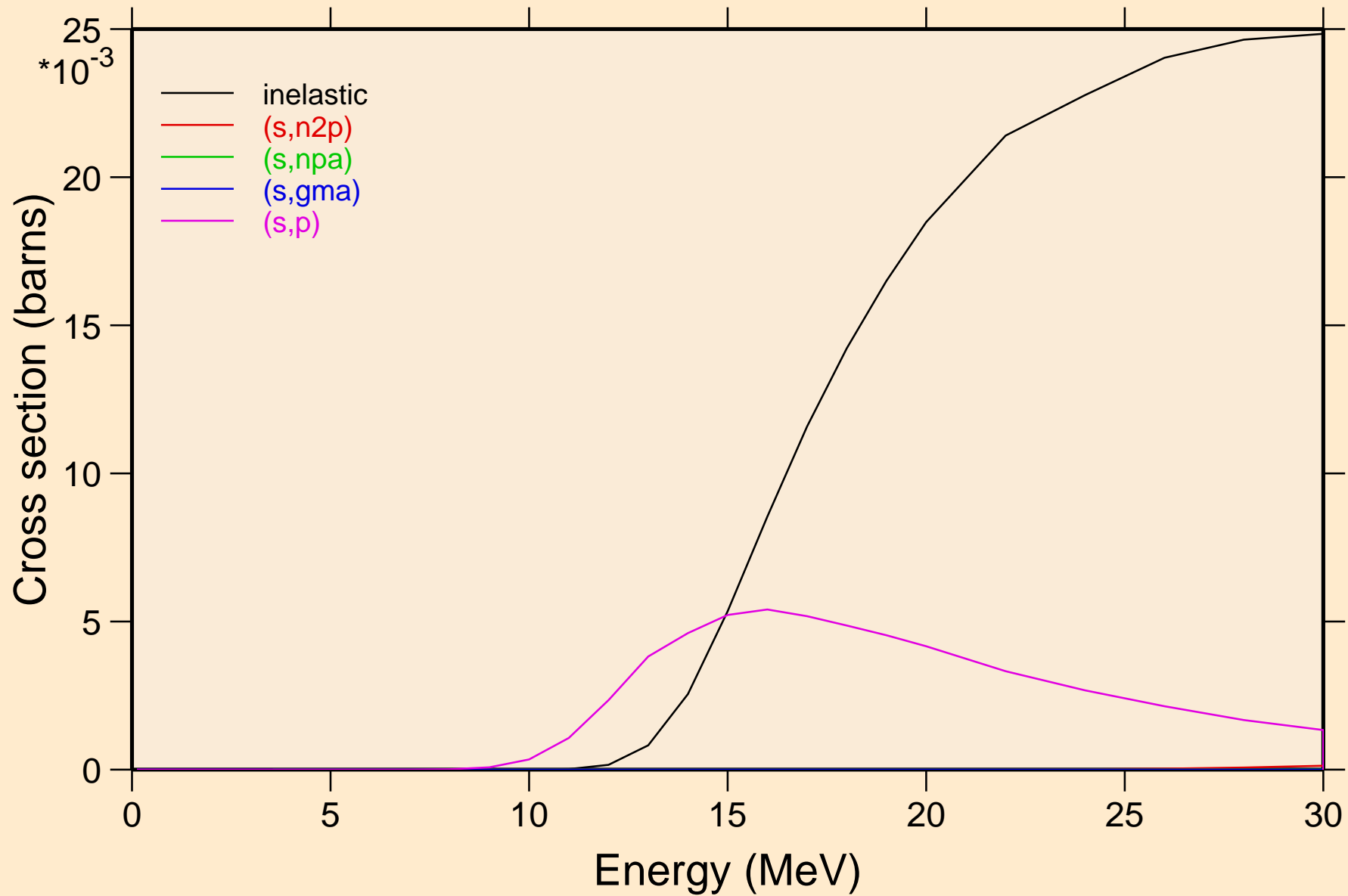
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



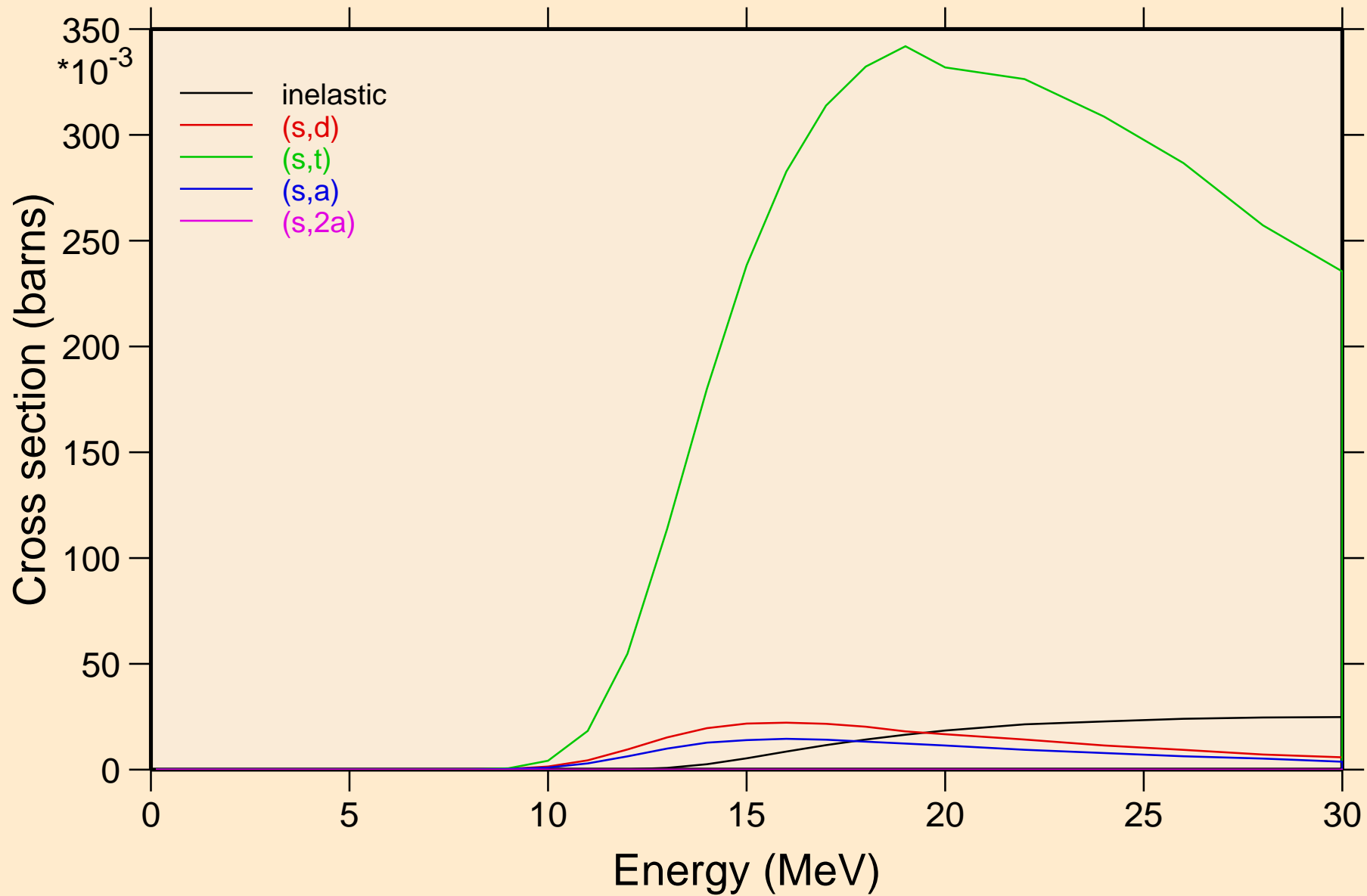
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



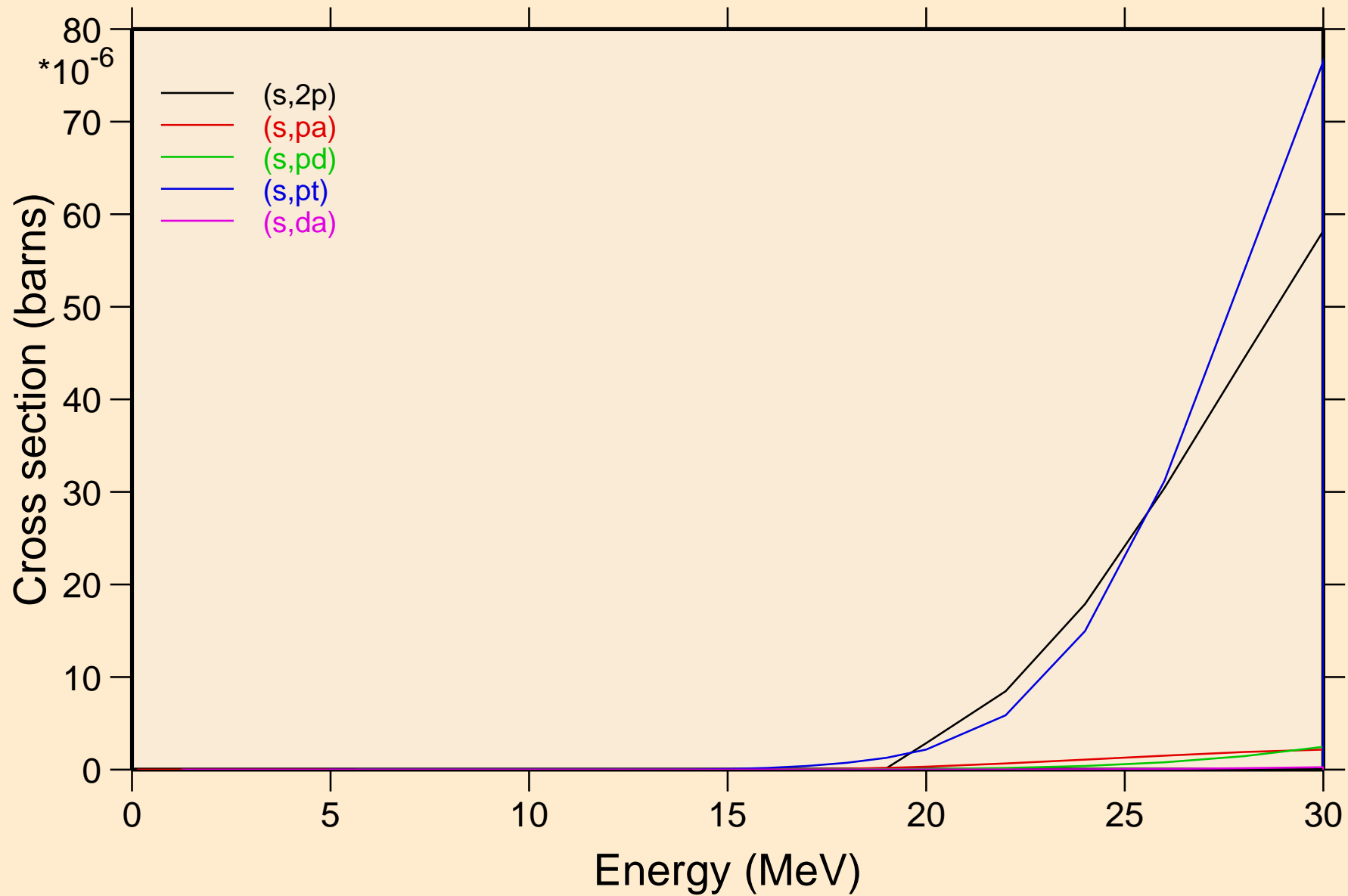
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



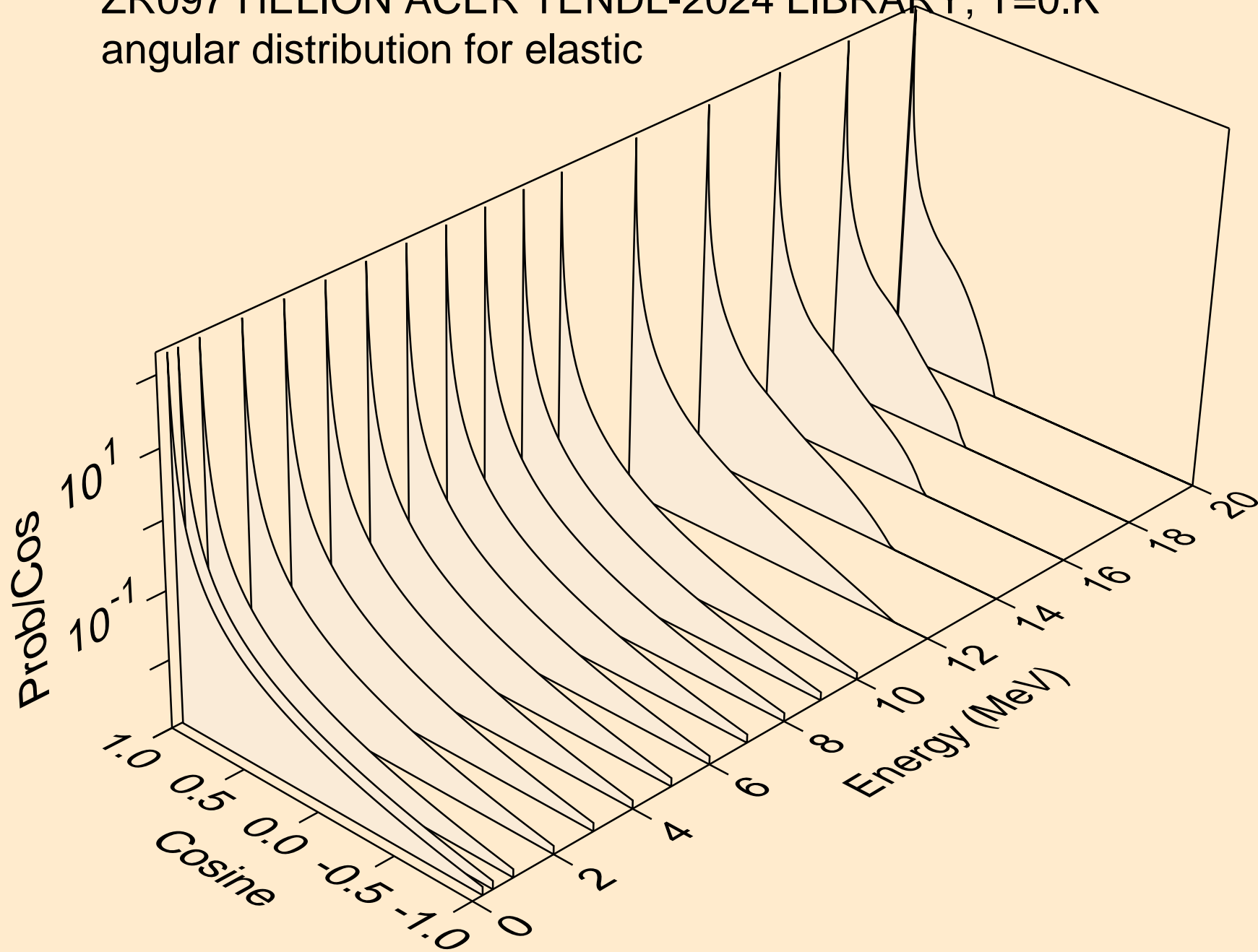
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



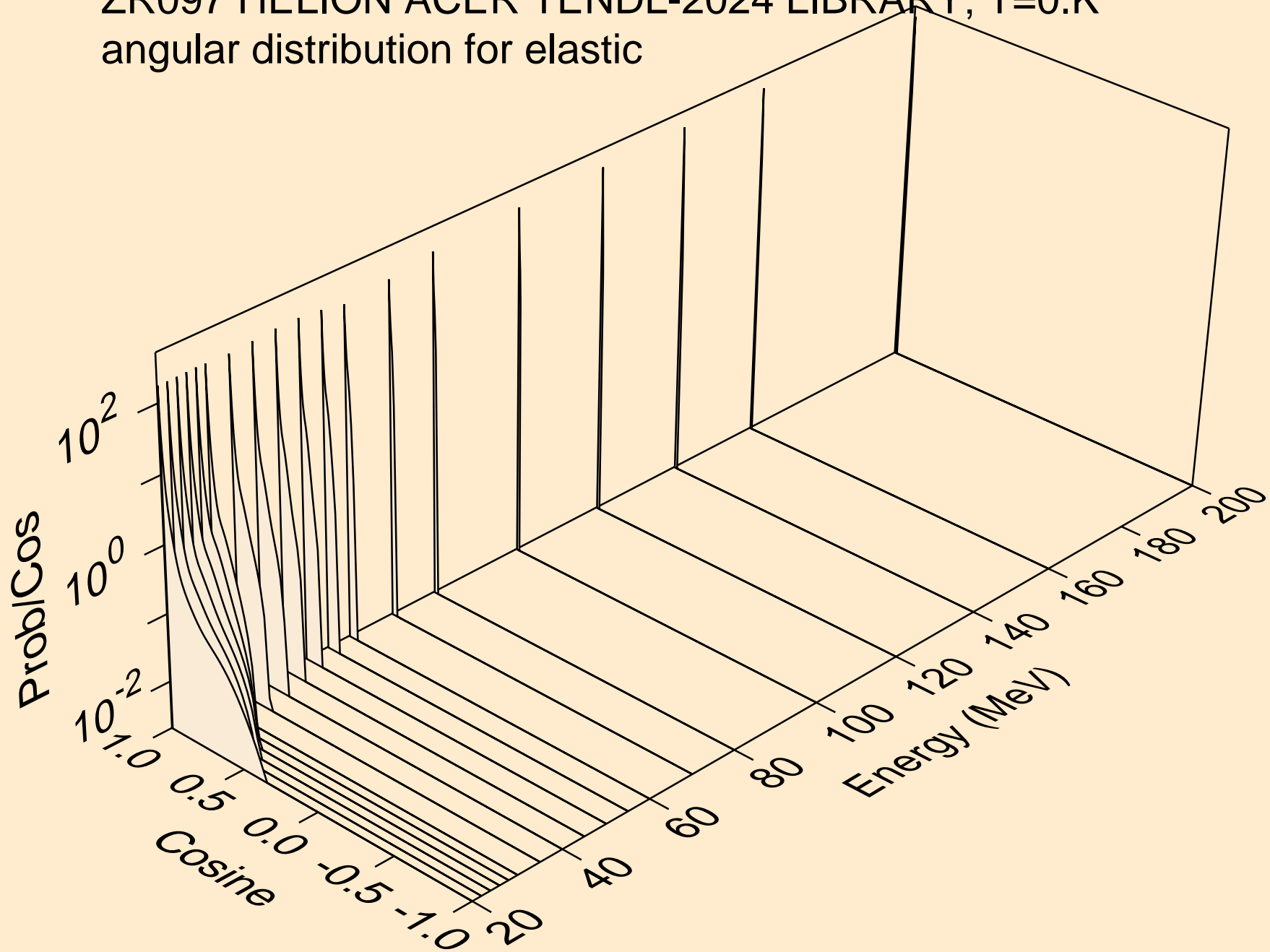
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



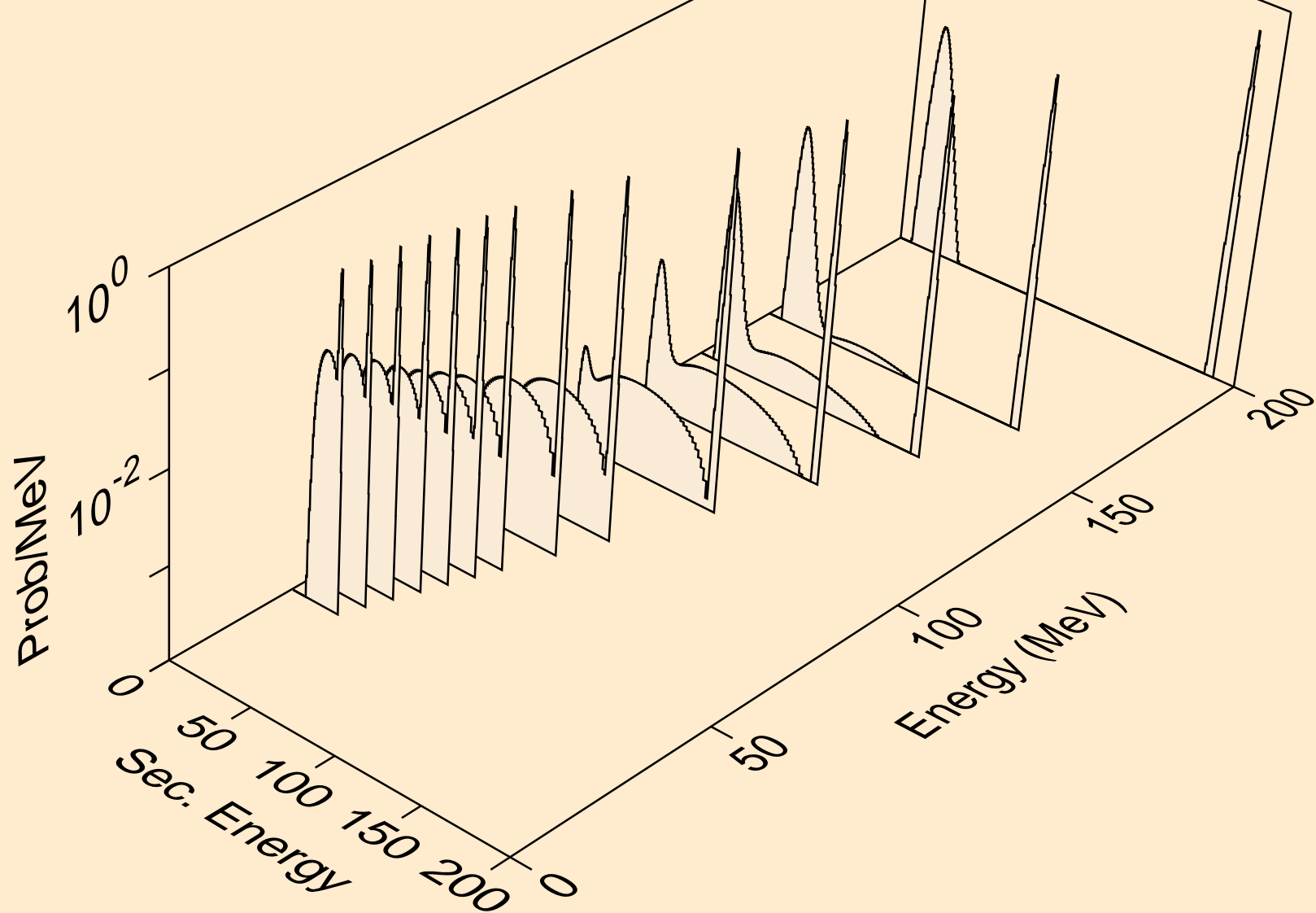
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



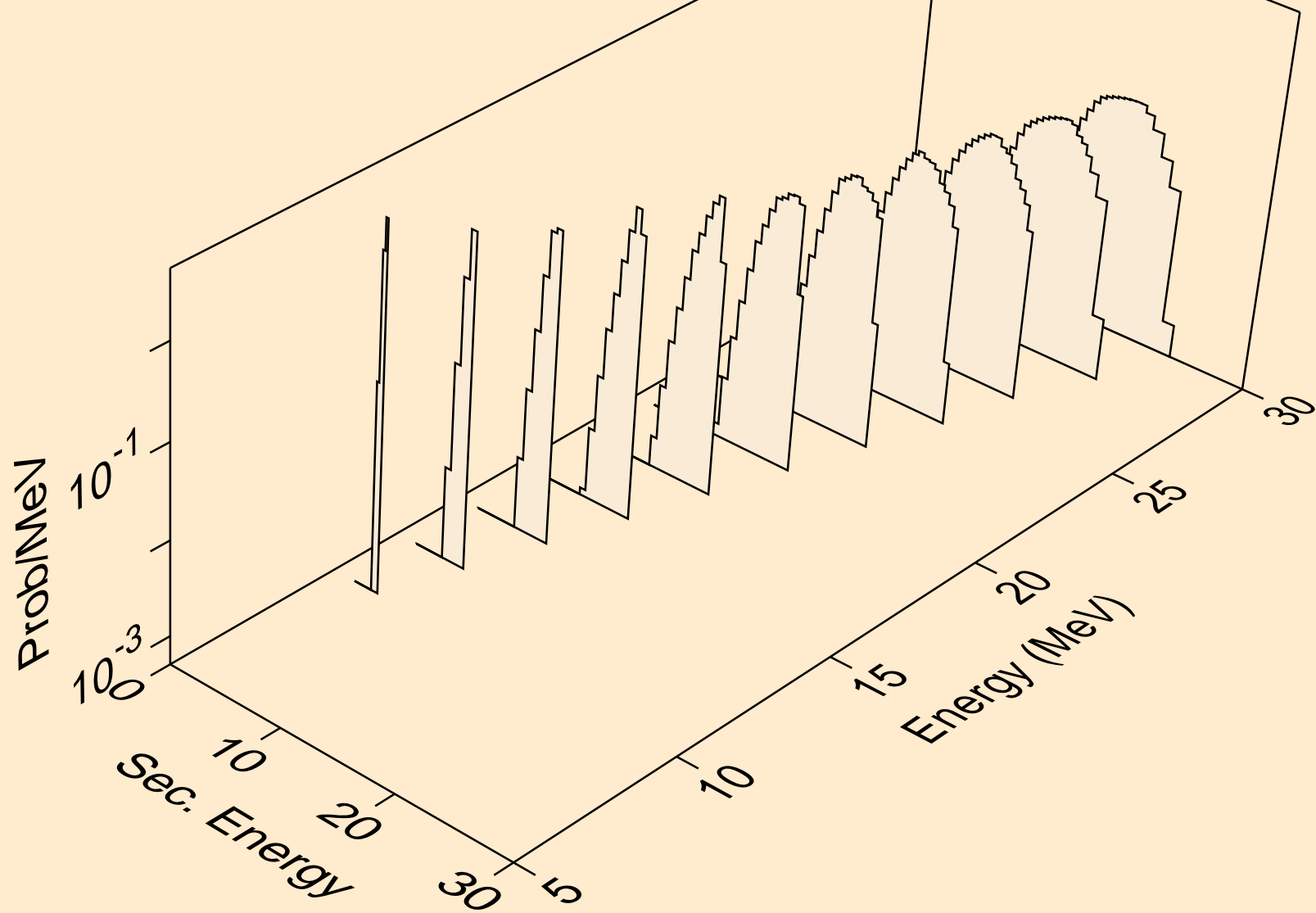
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



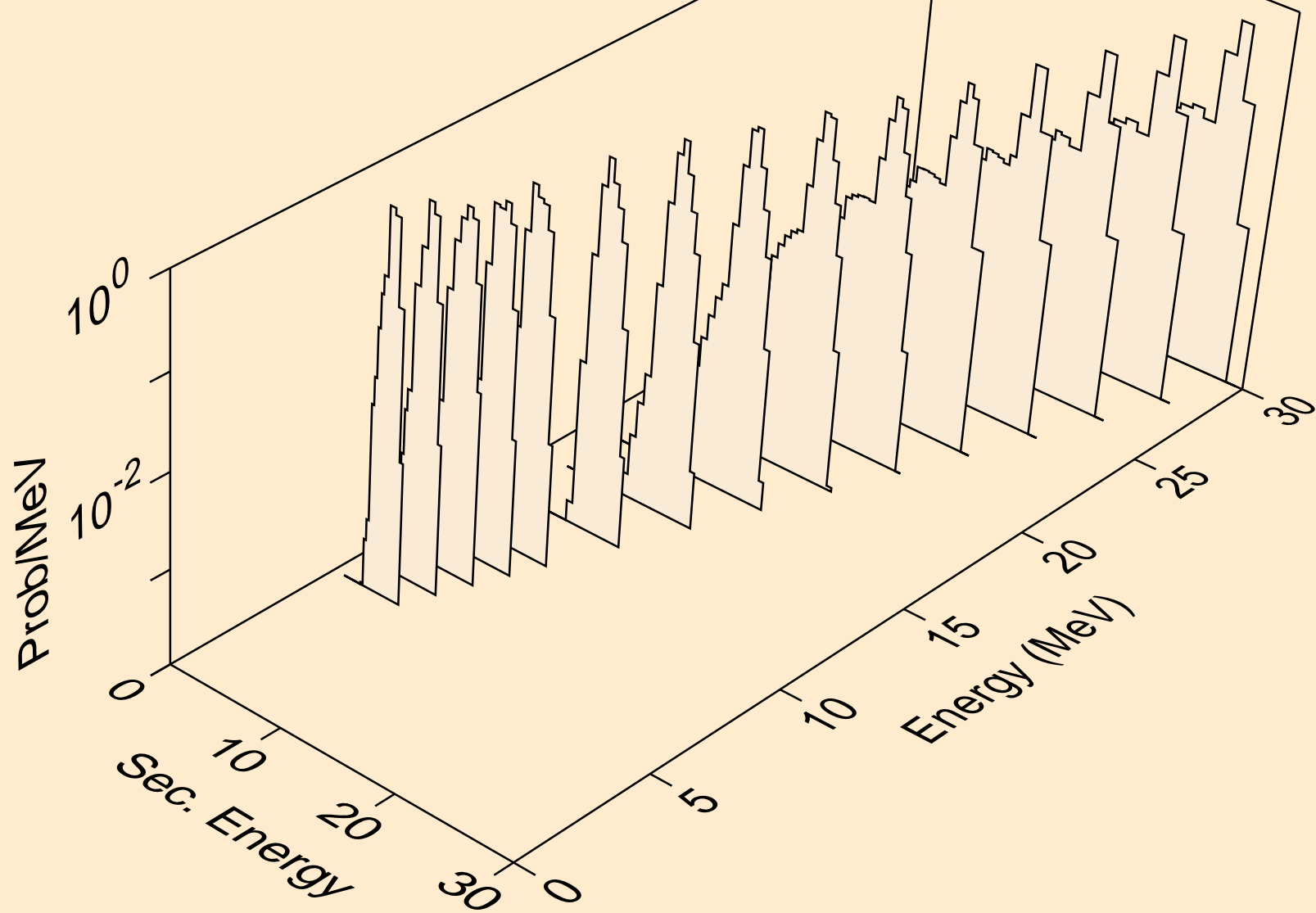
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for (s,x)



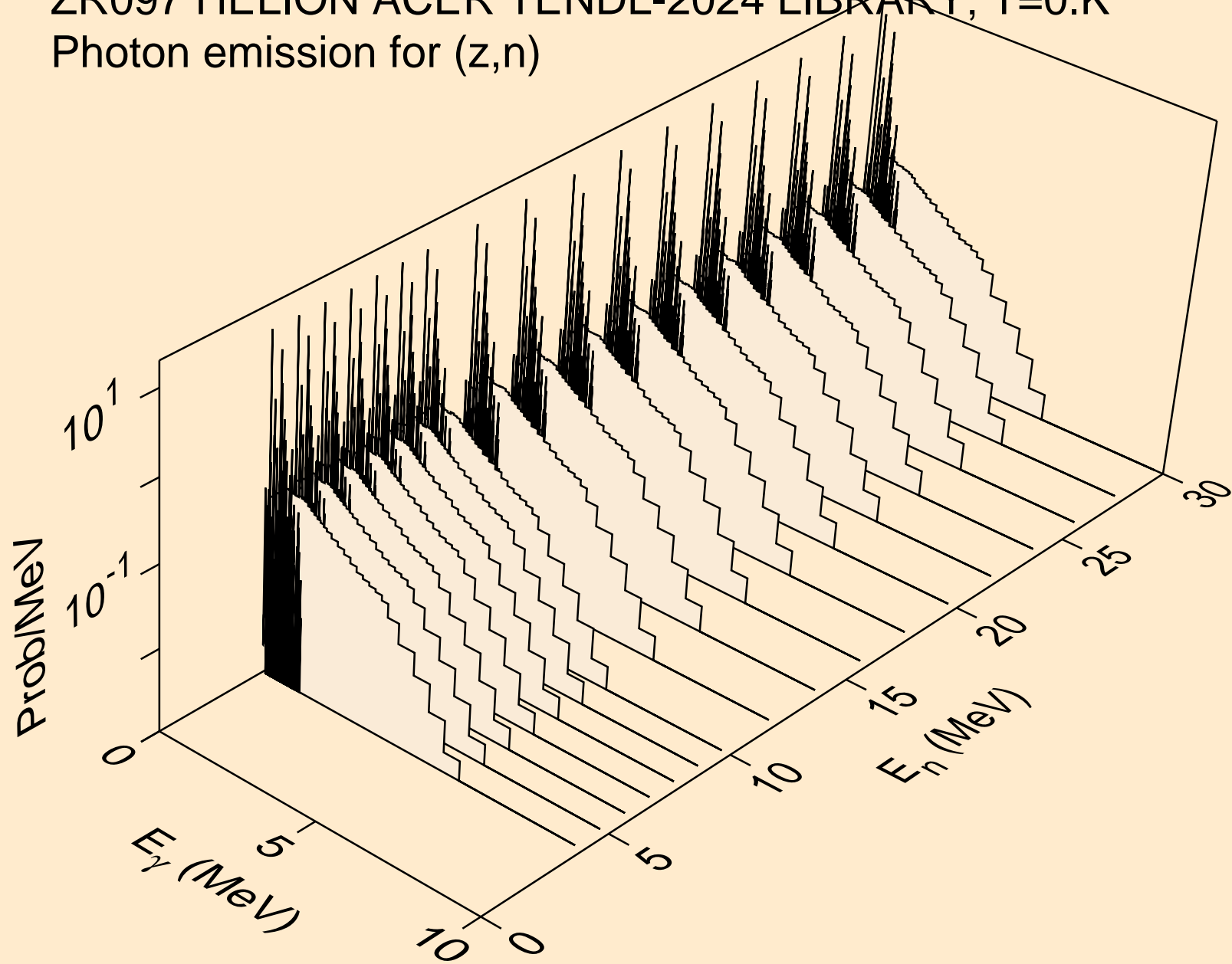
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3



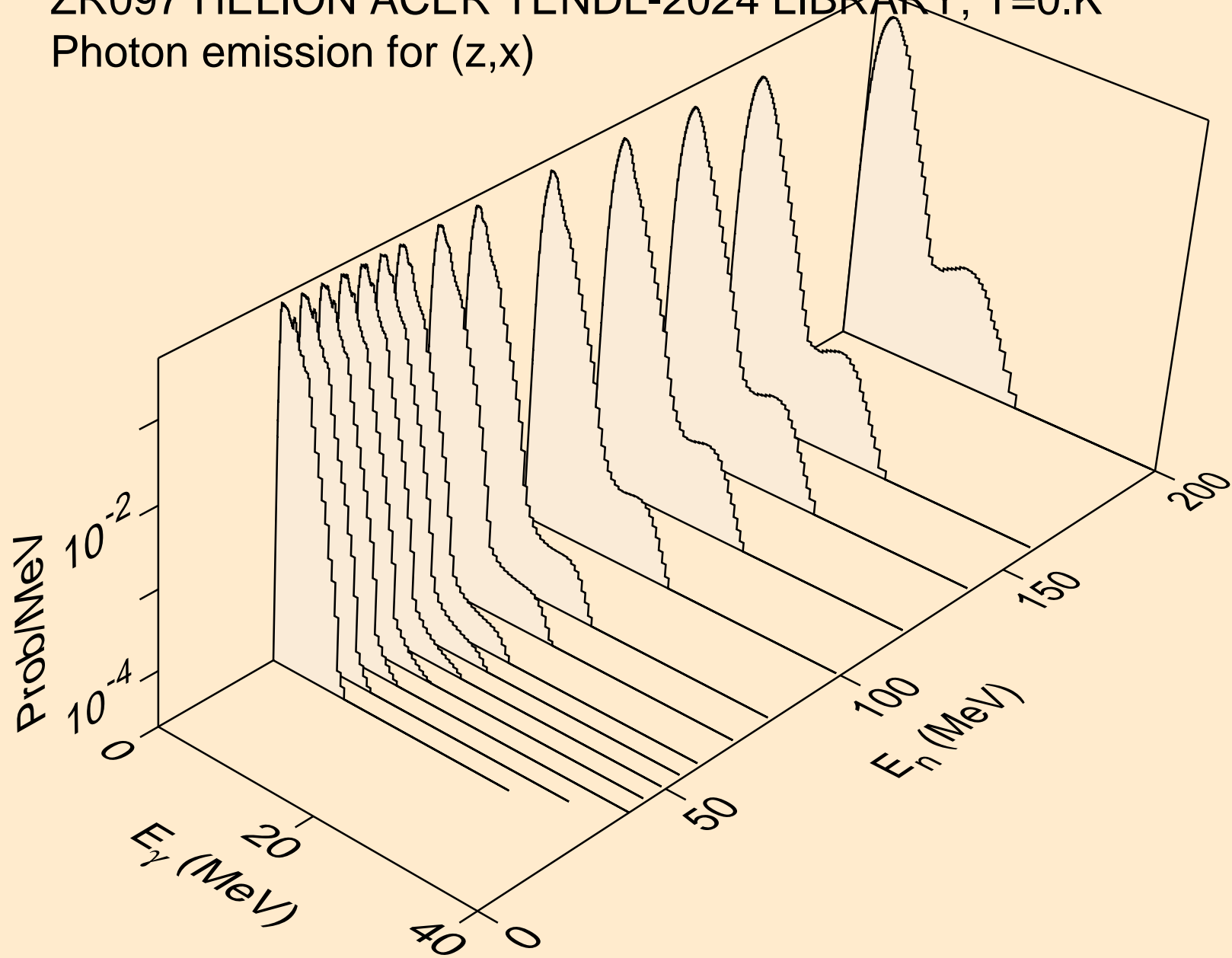
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for inelastic



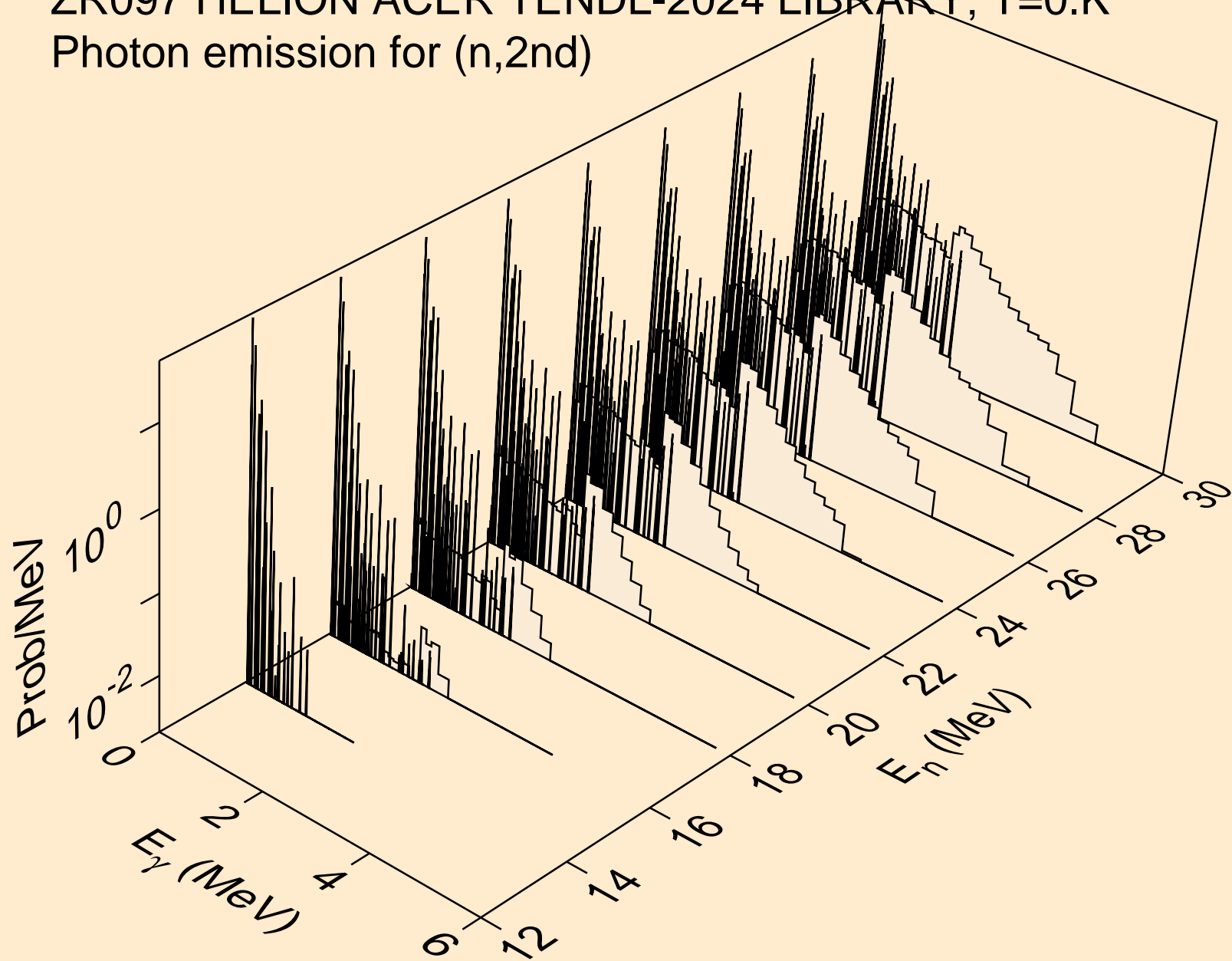
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,n)



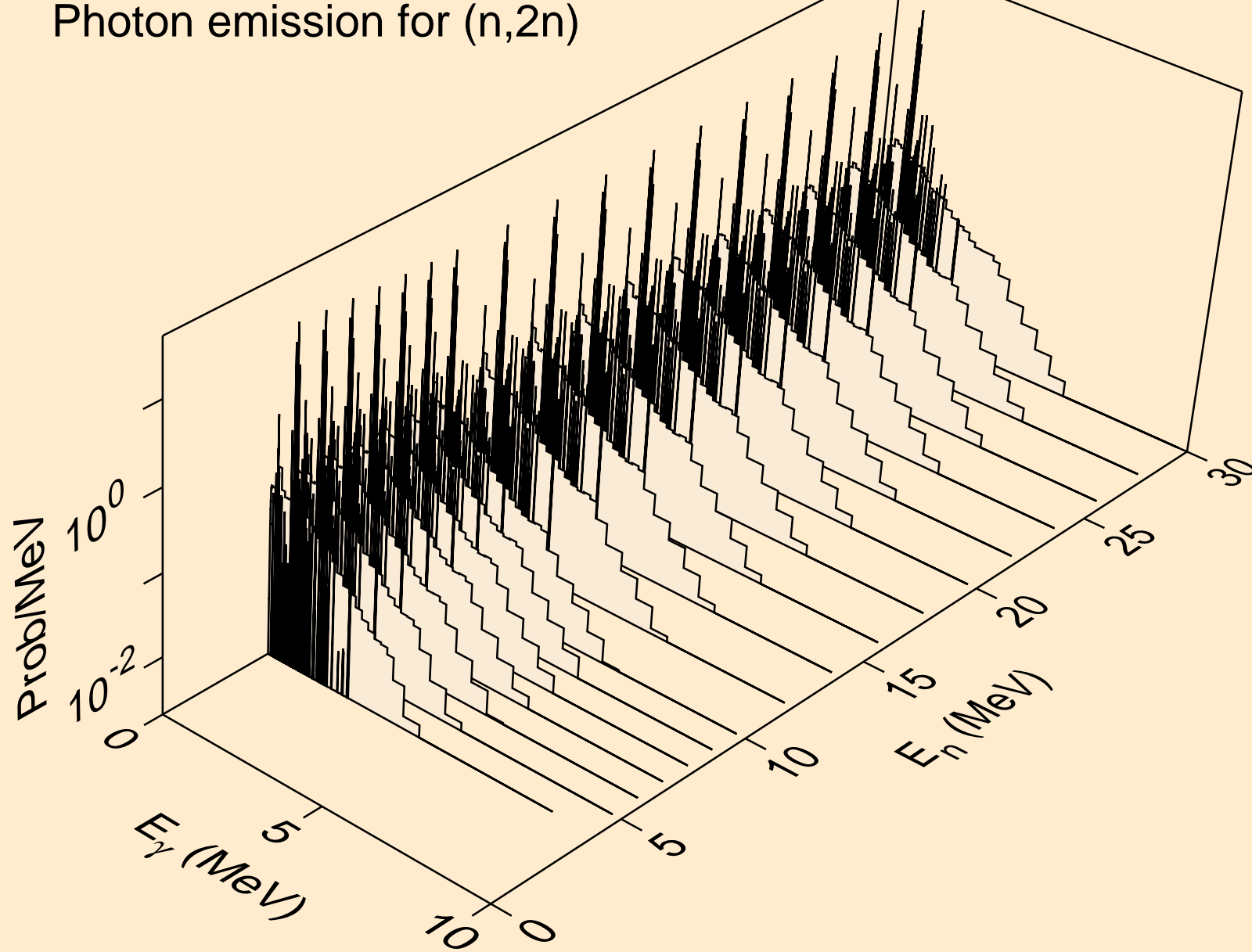
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,x)



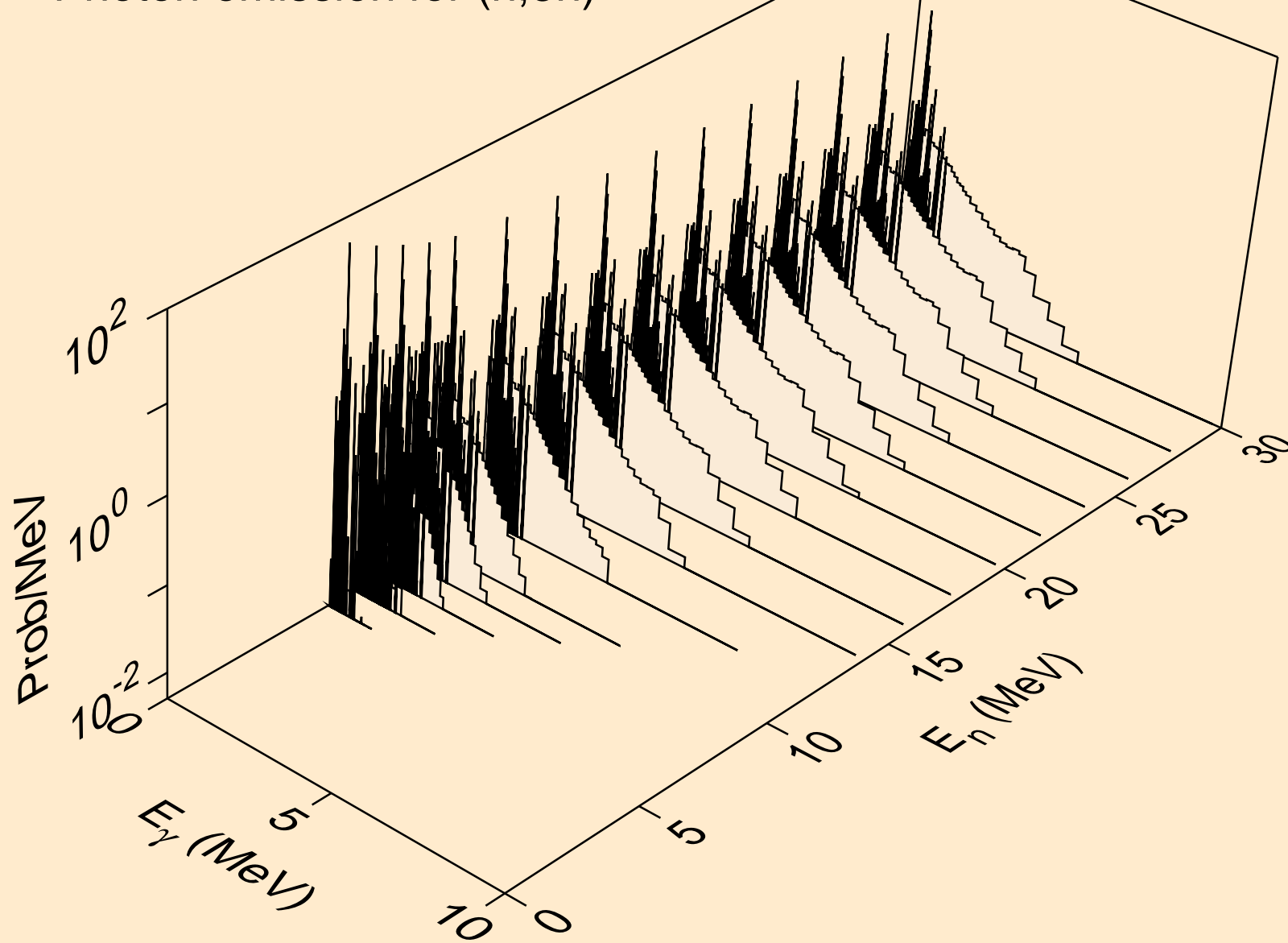
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



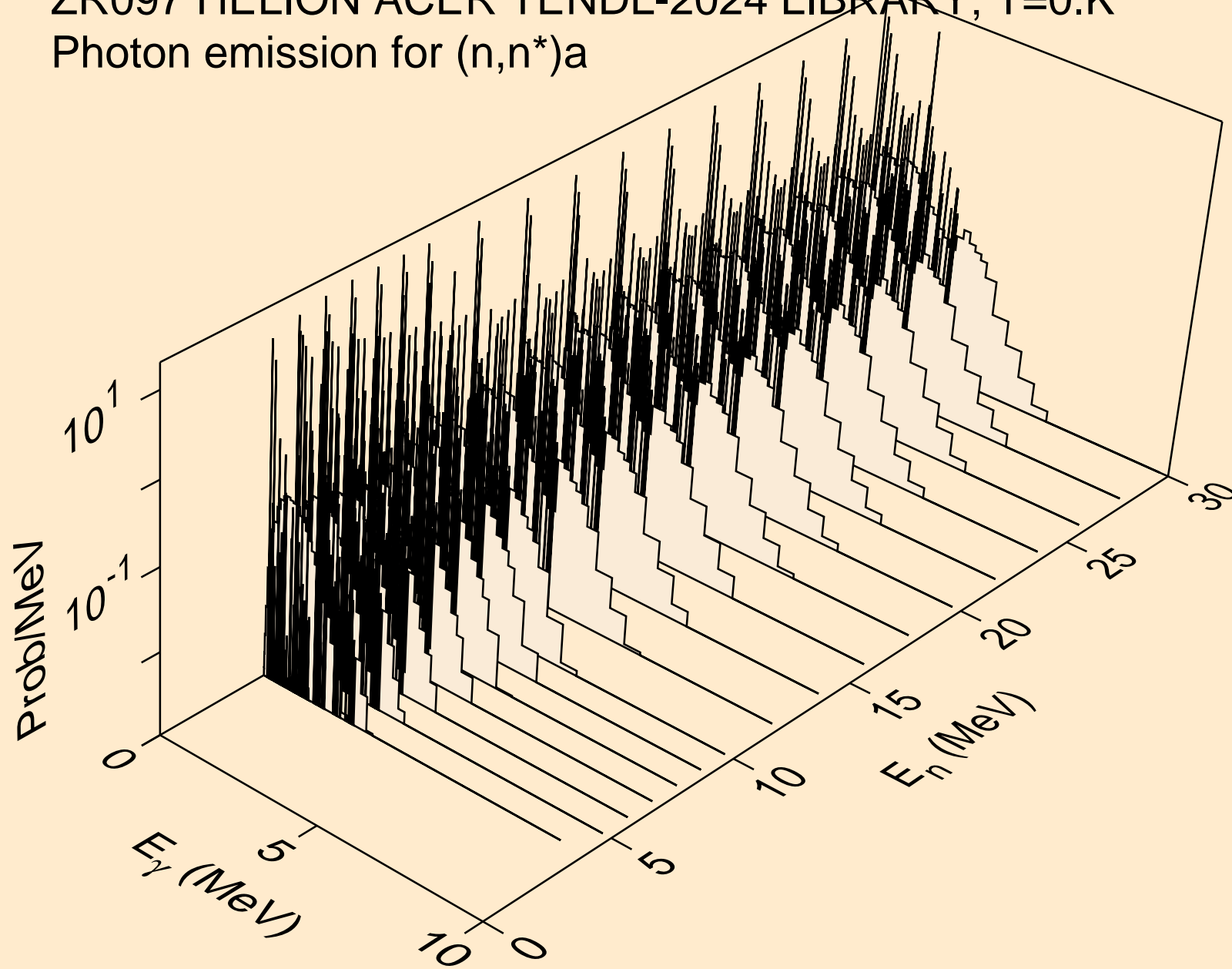
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



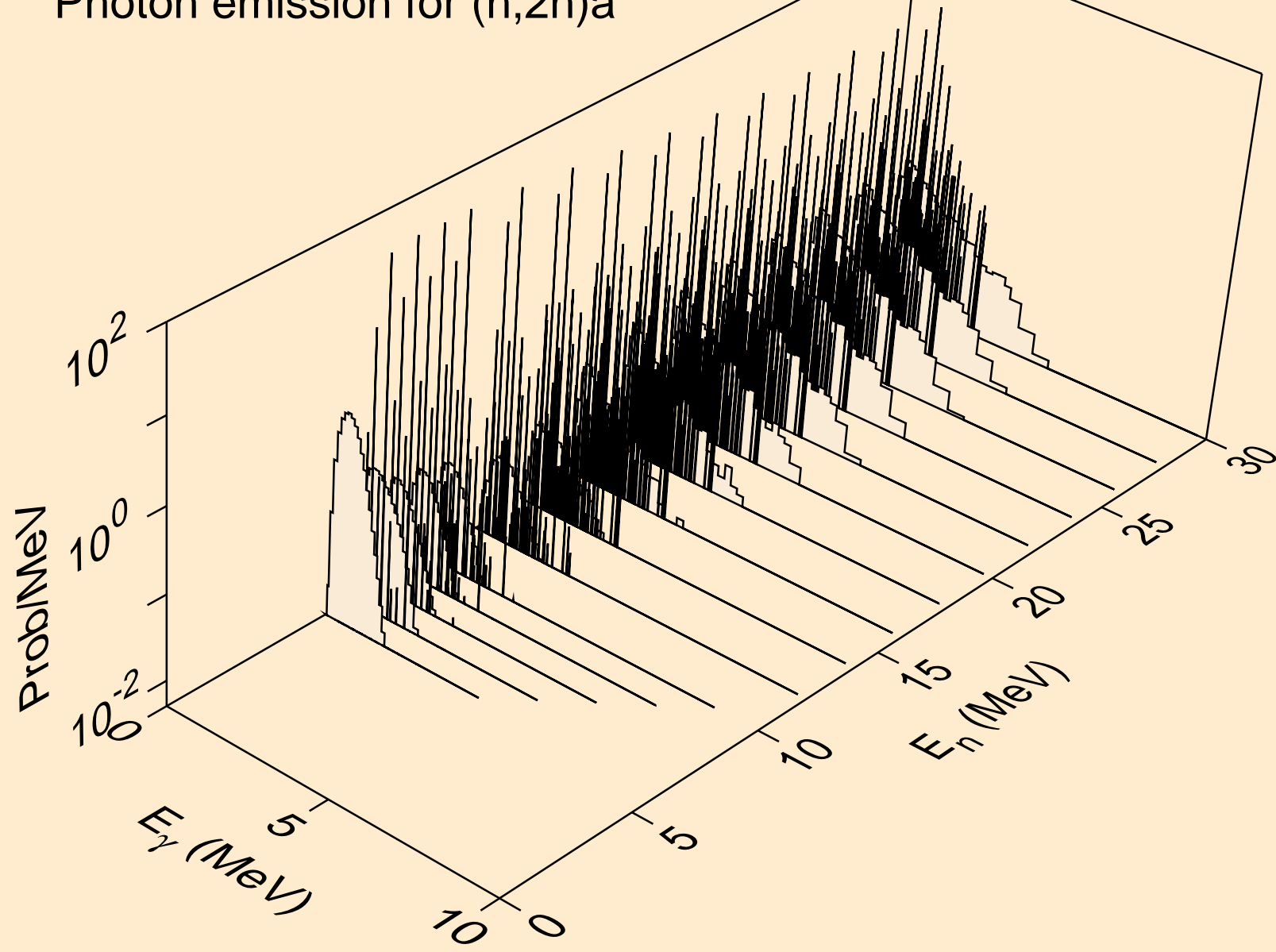
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



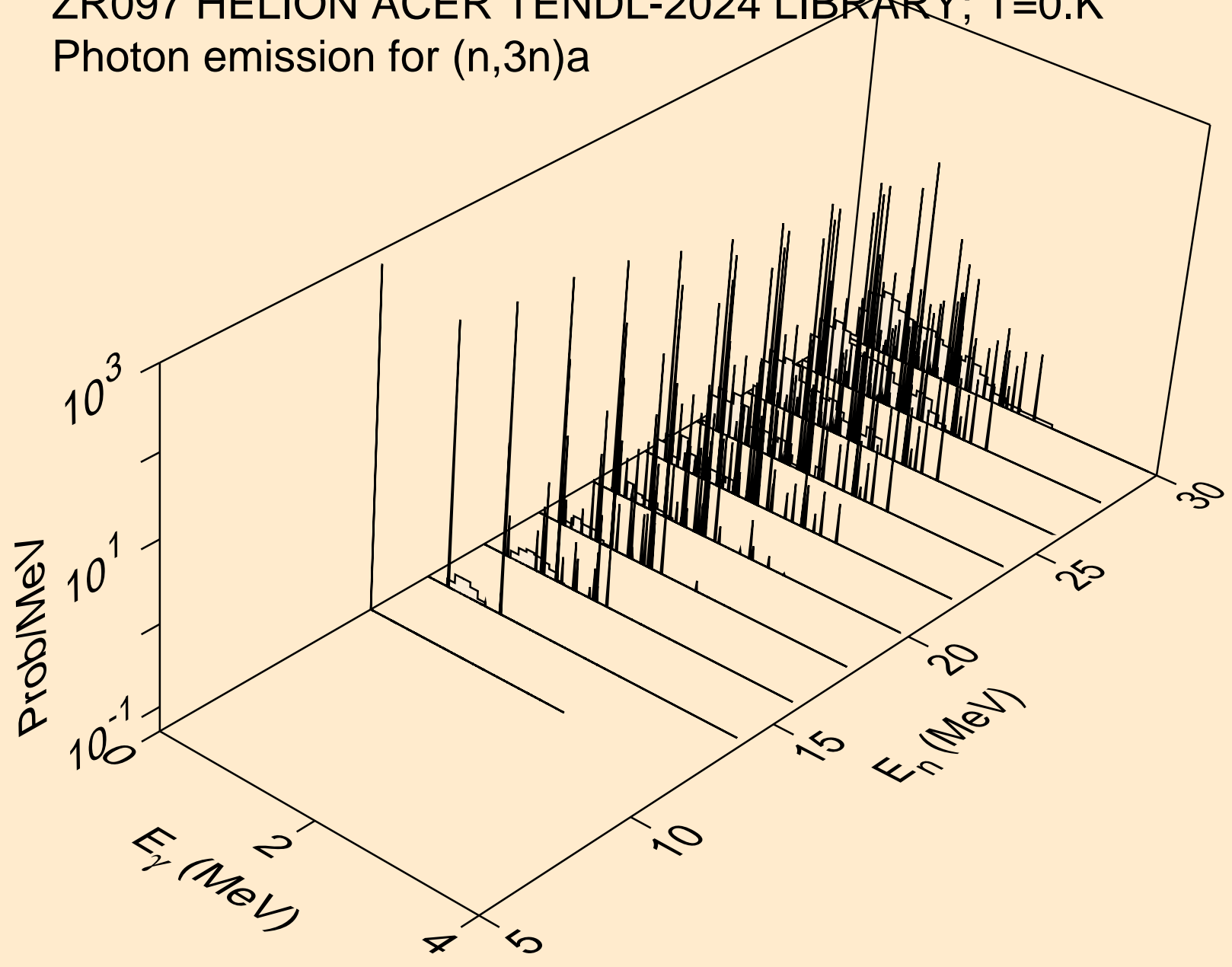
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



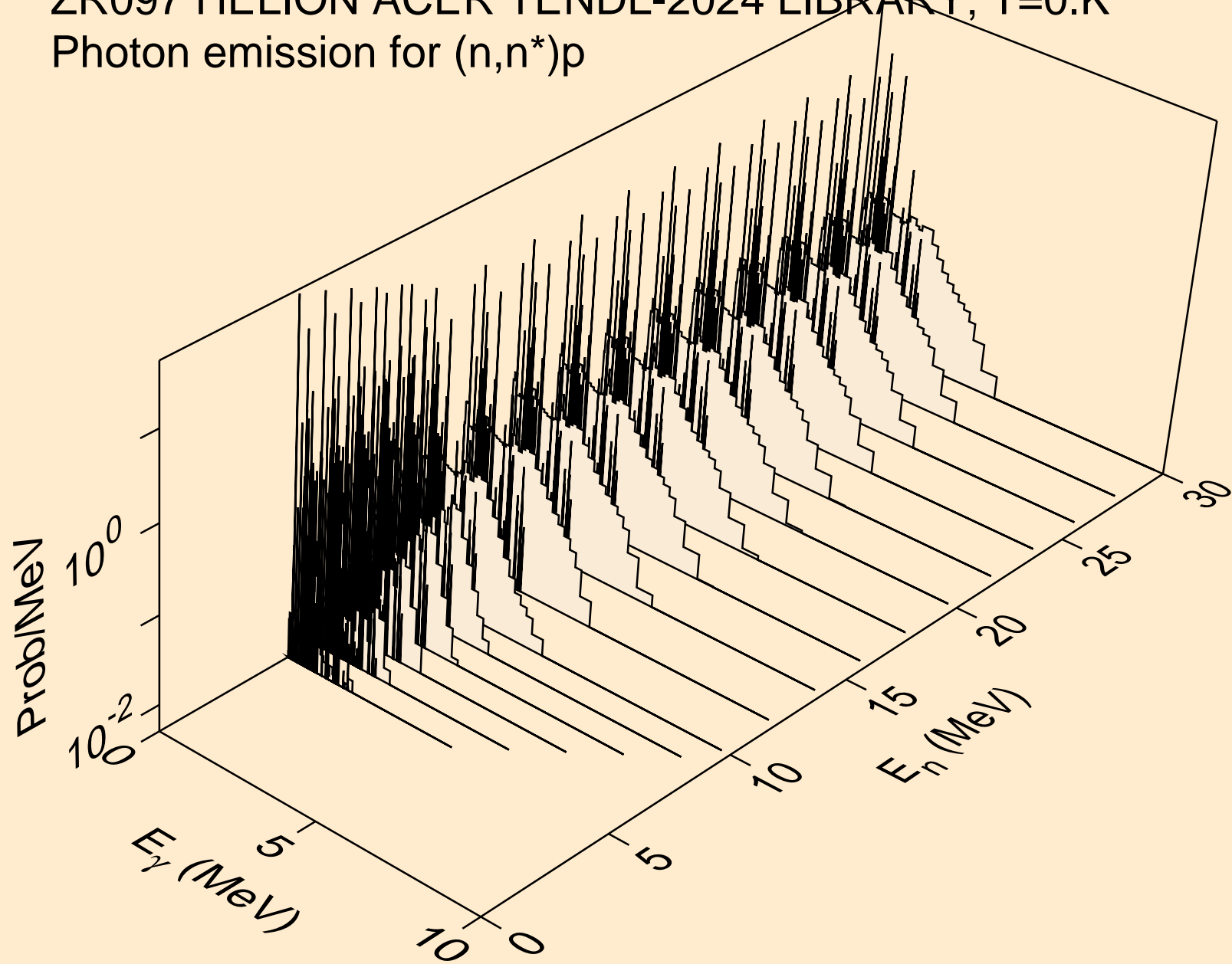
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



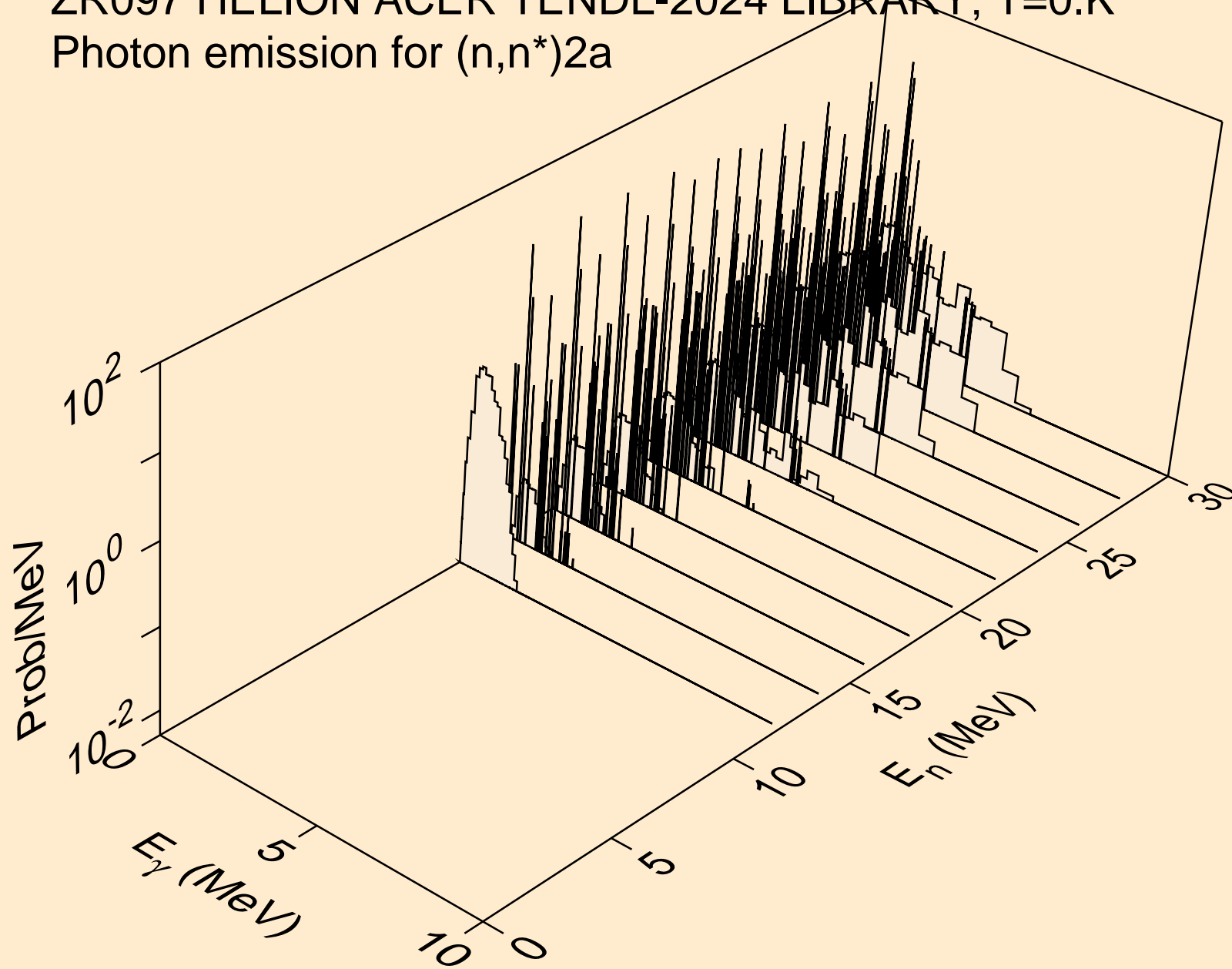
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a



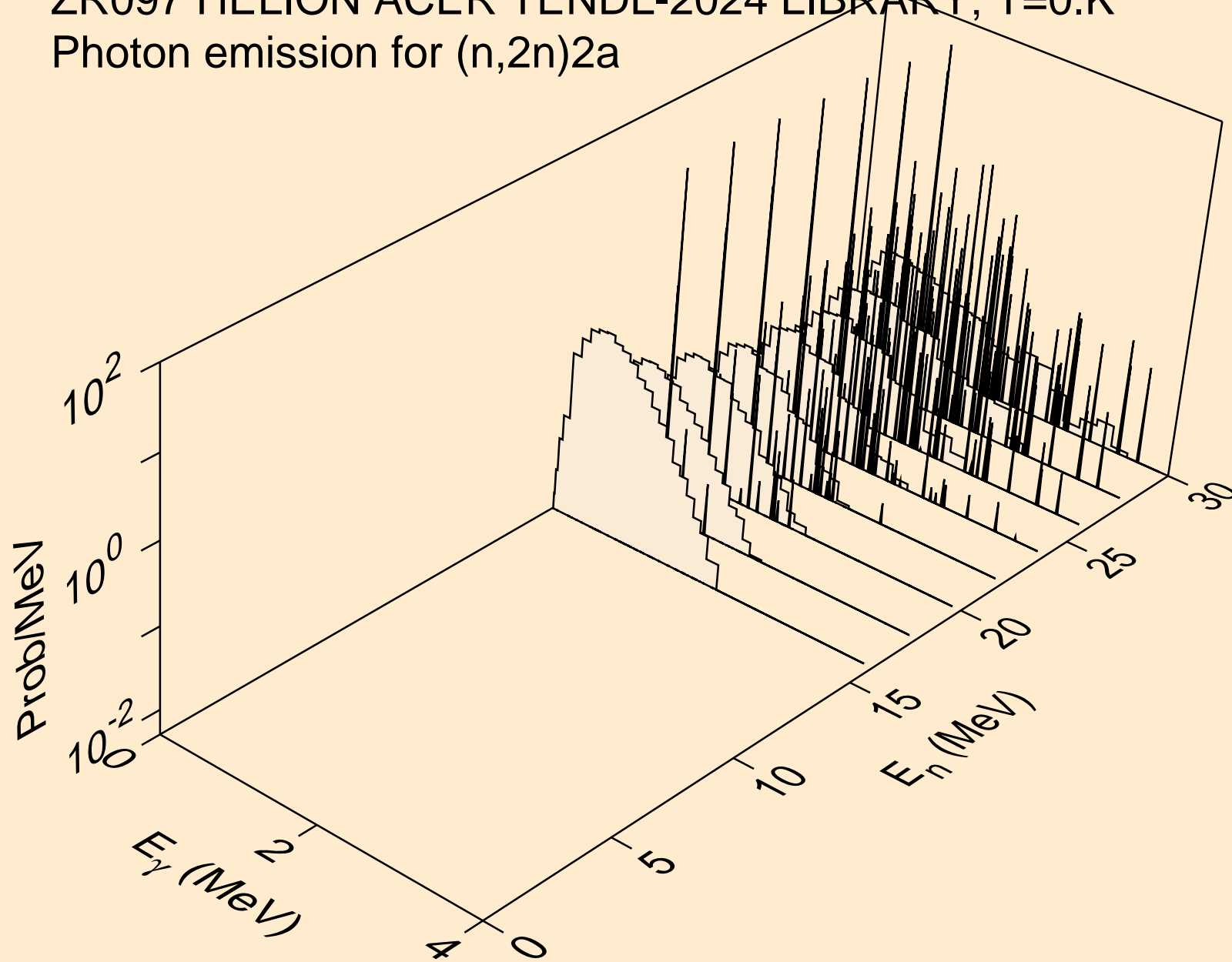
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



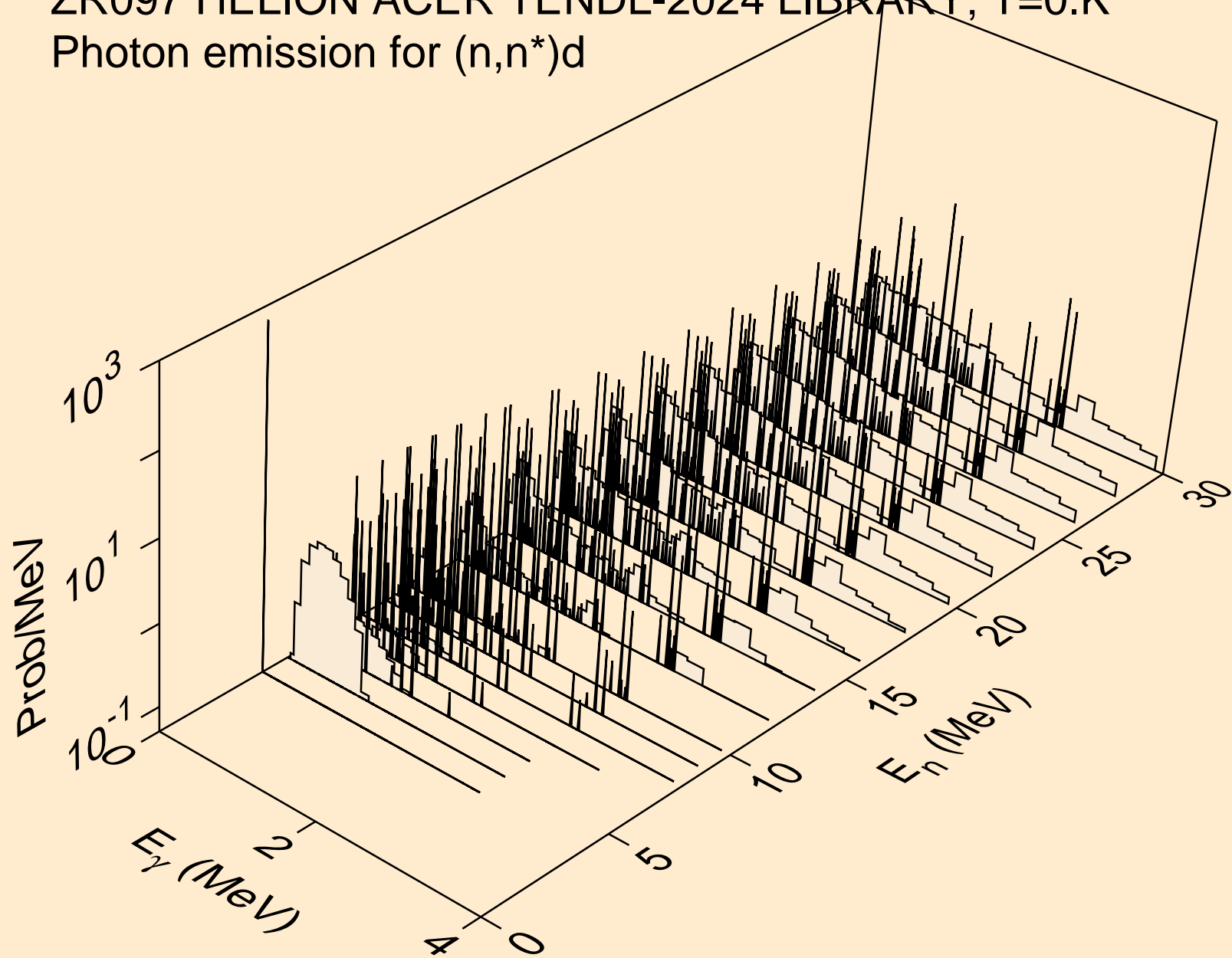
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



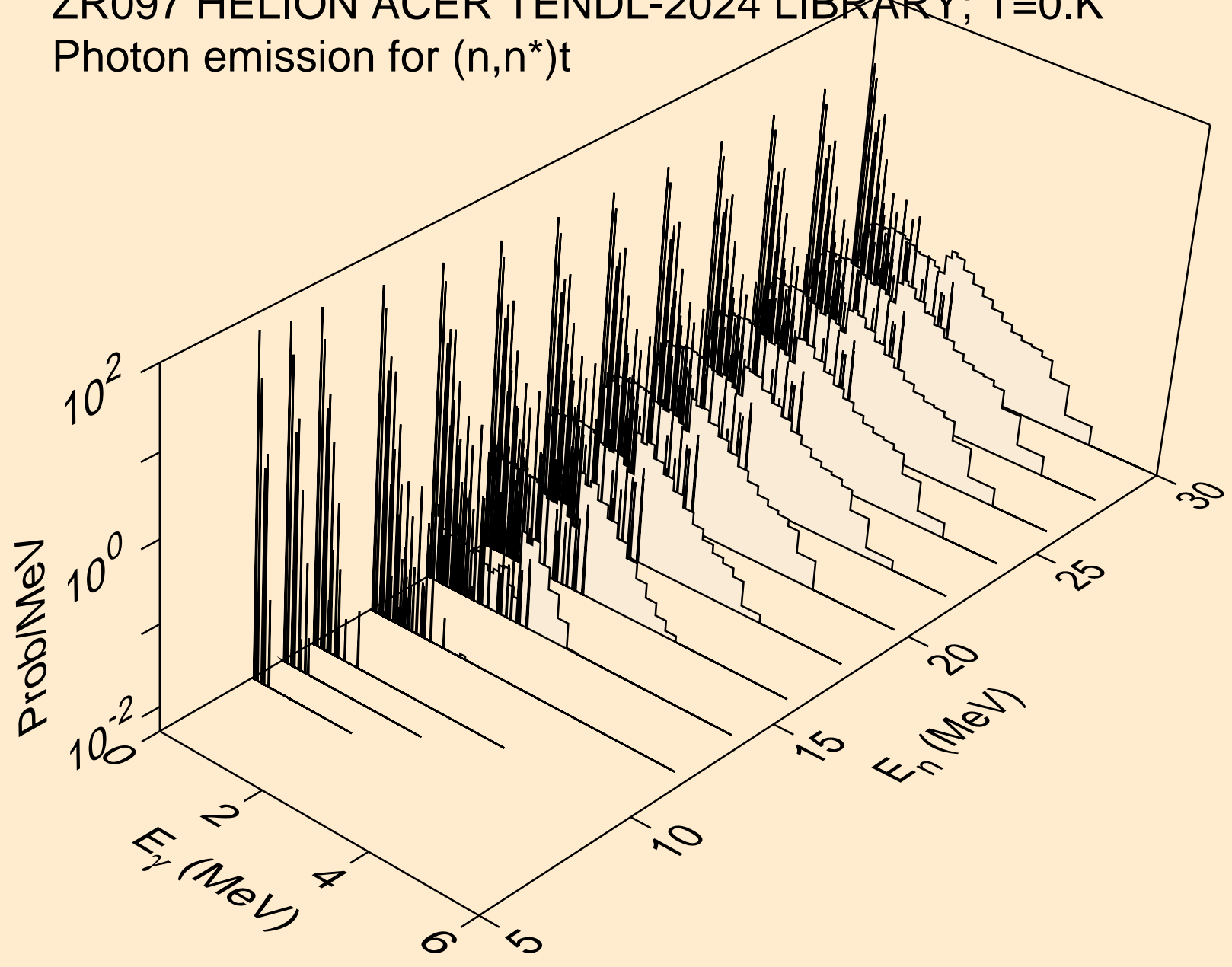
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)2a



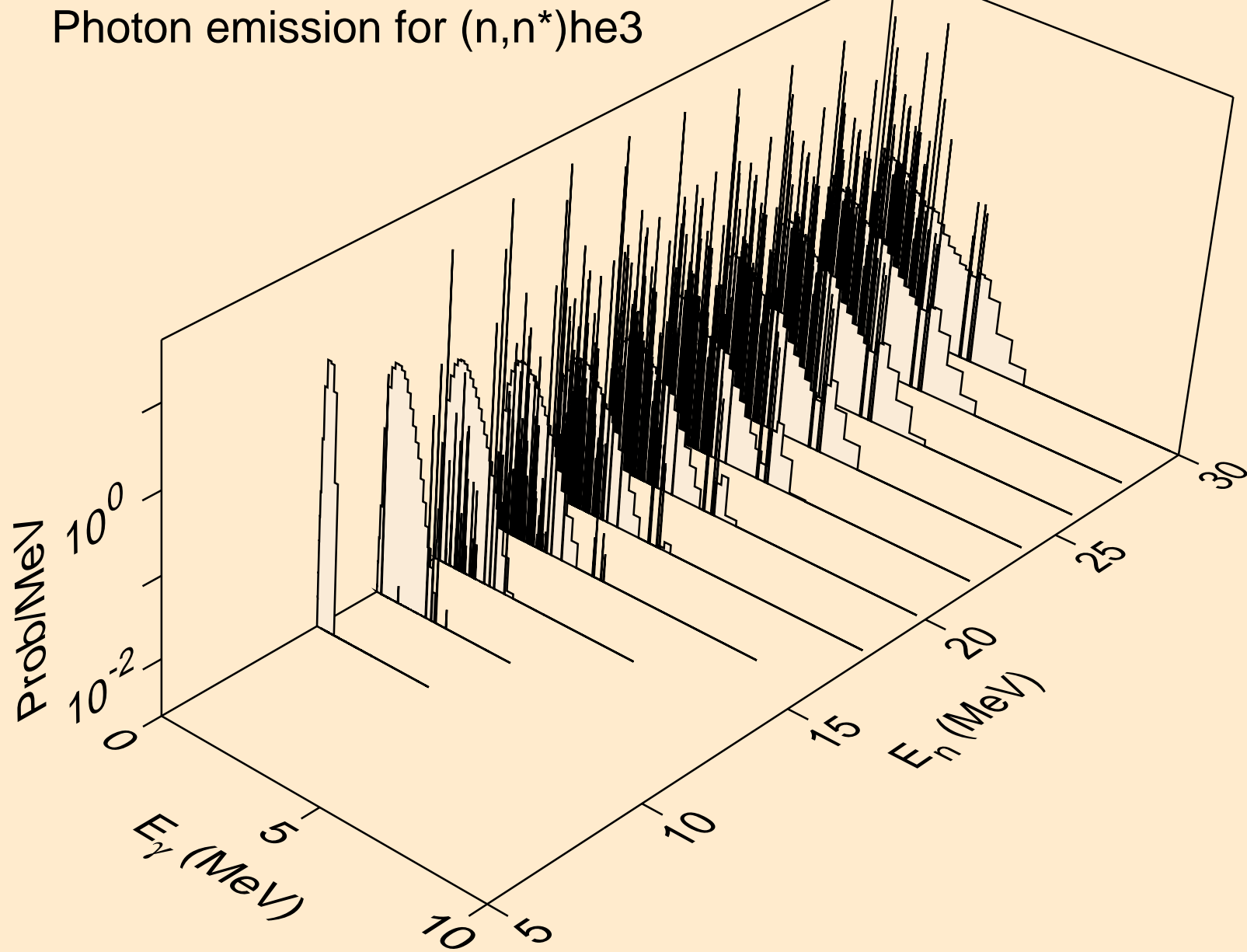
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



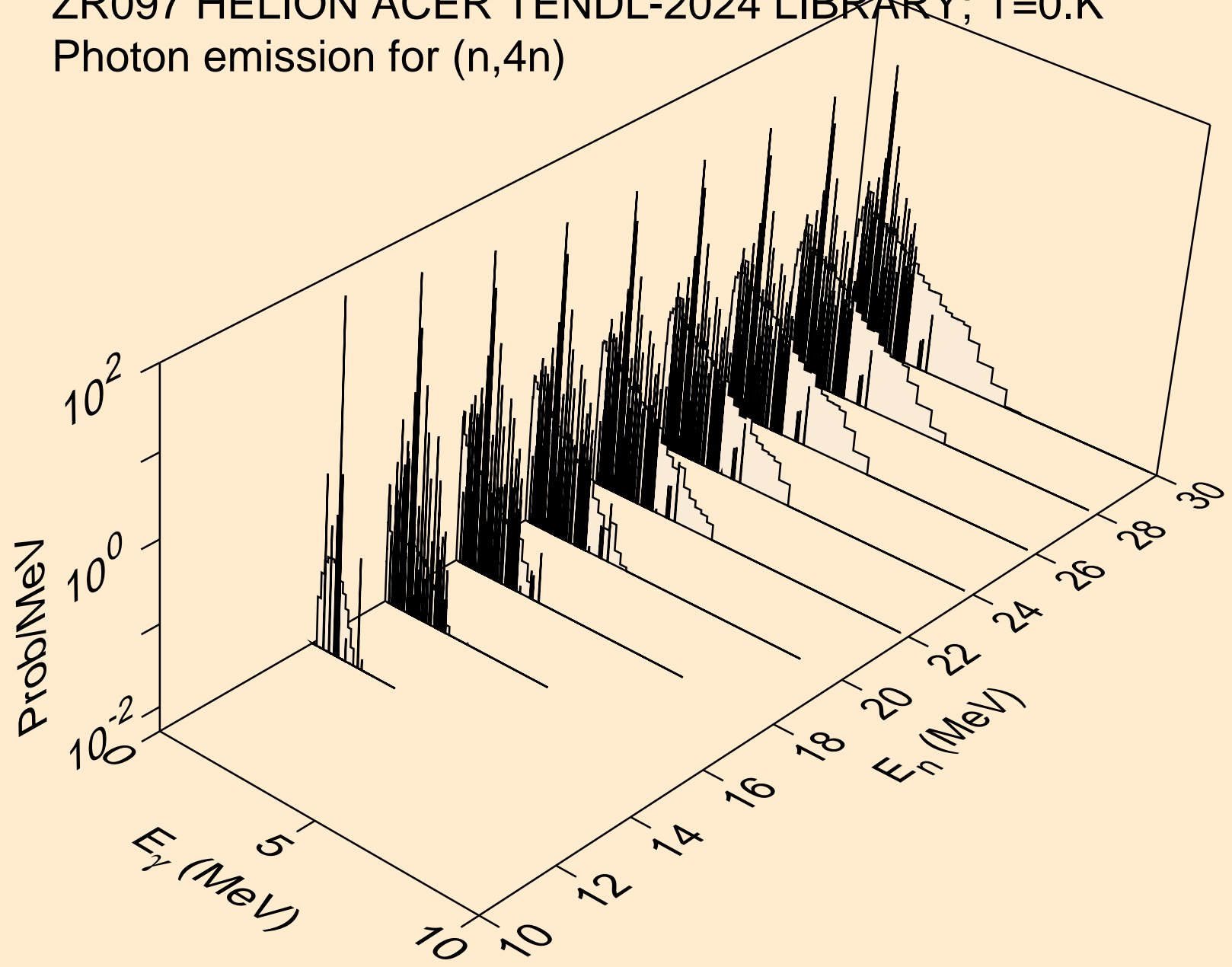
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



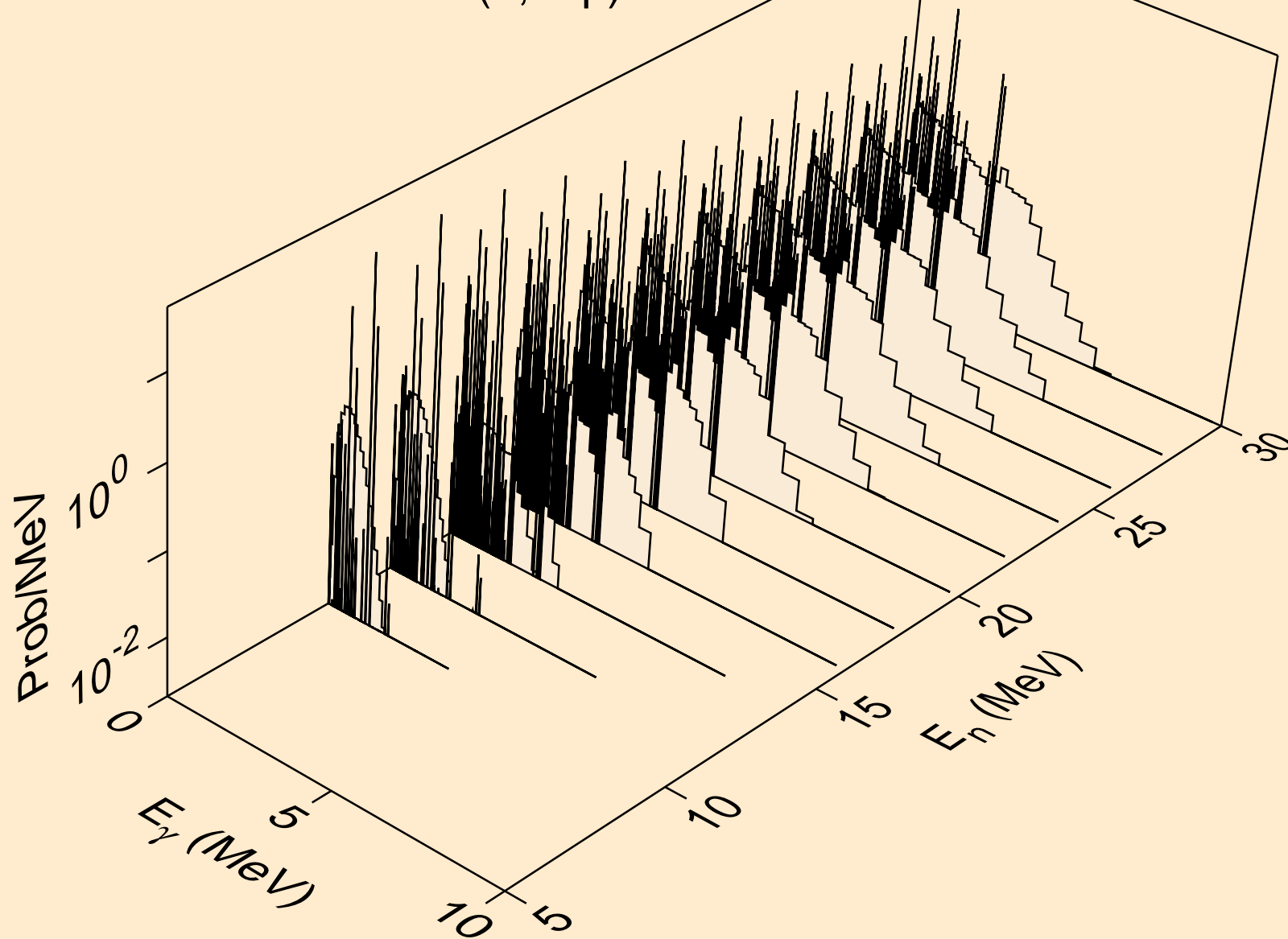
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



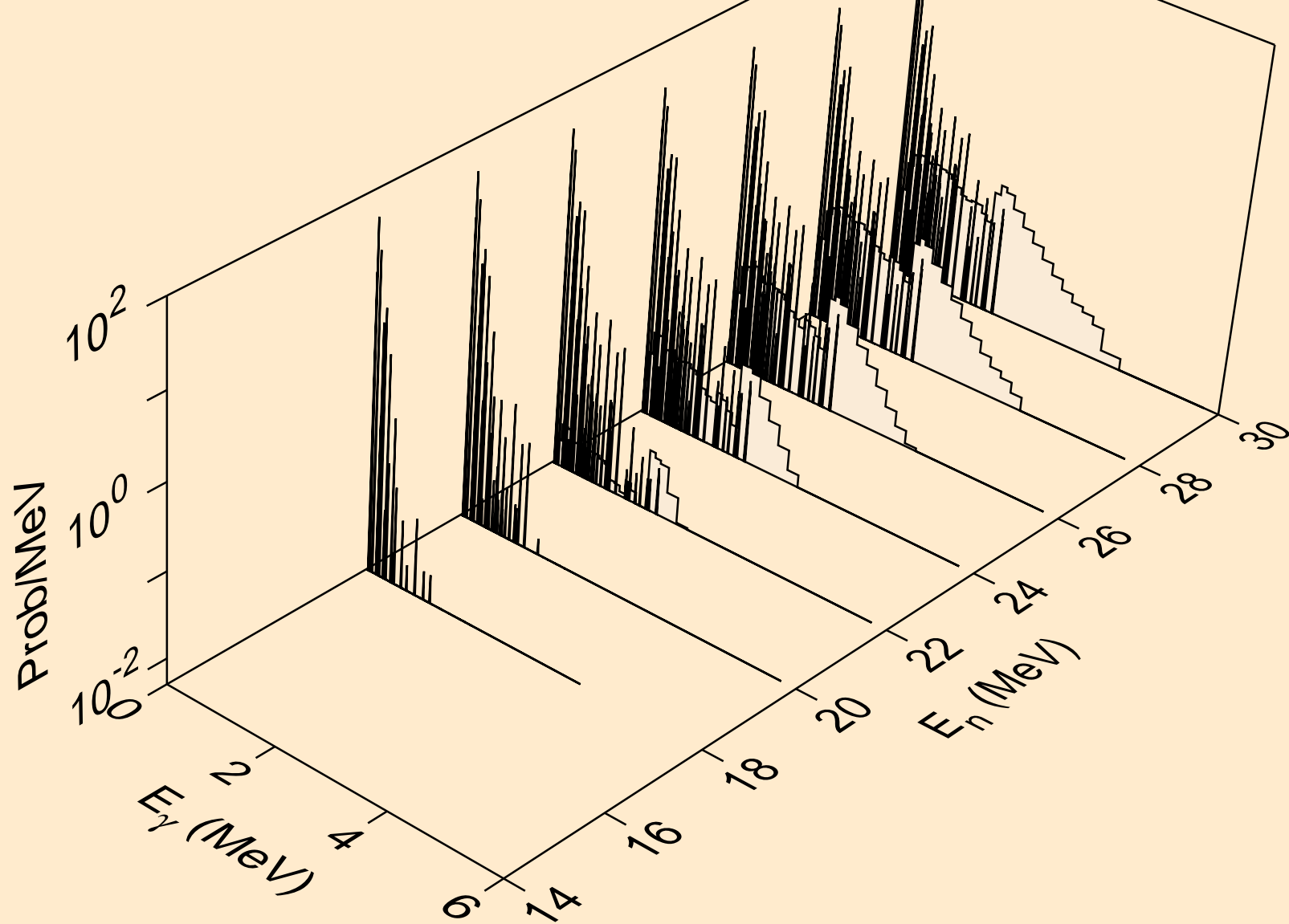
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



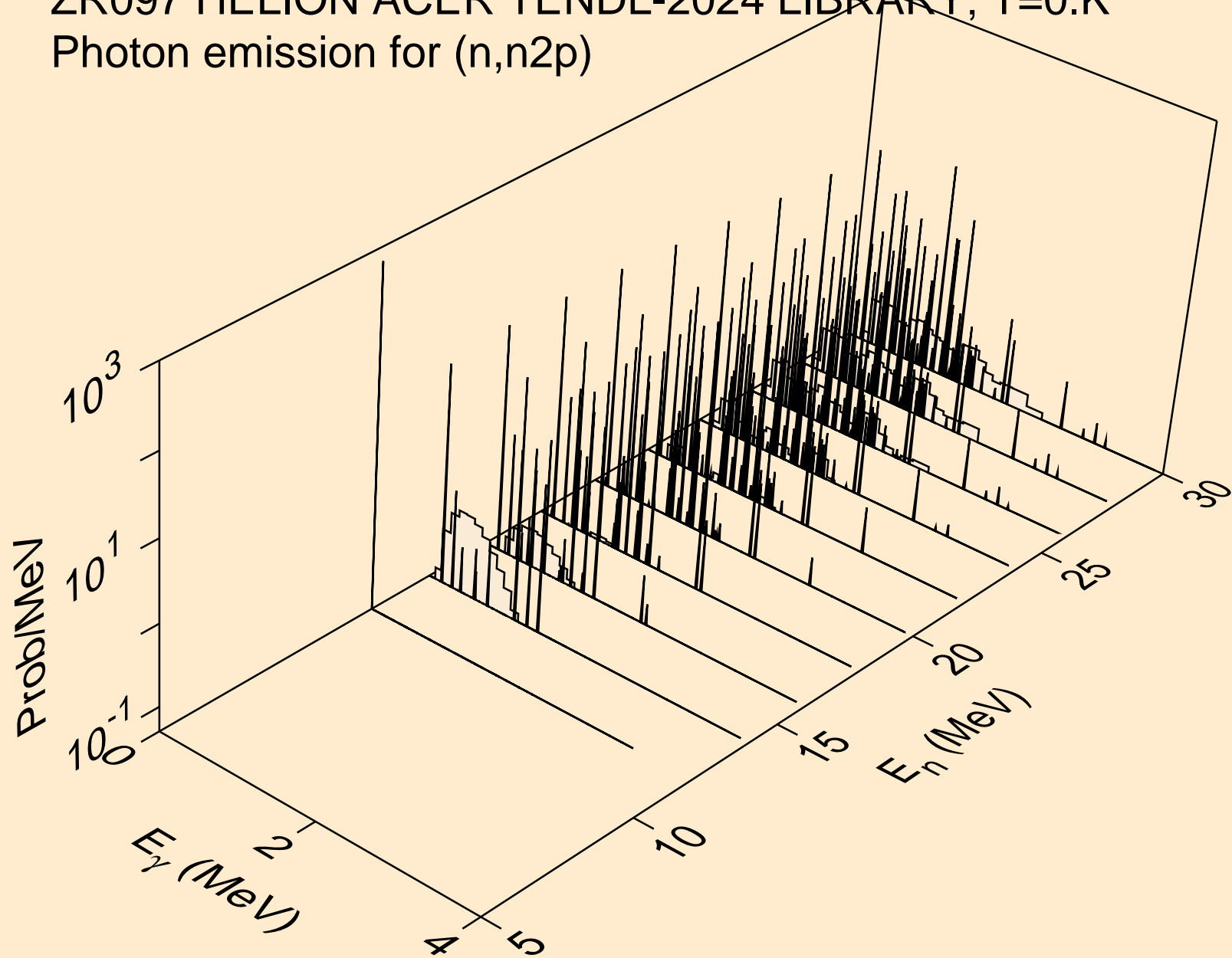
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



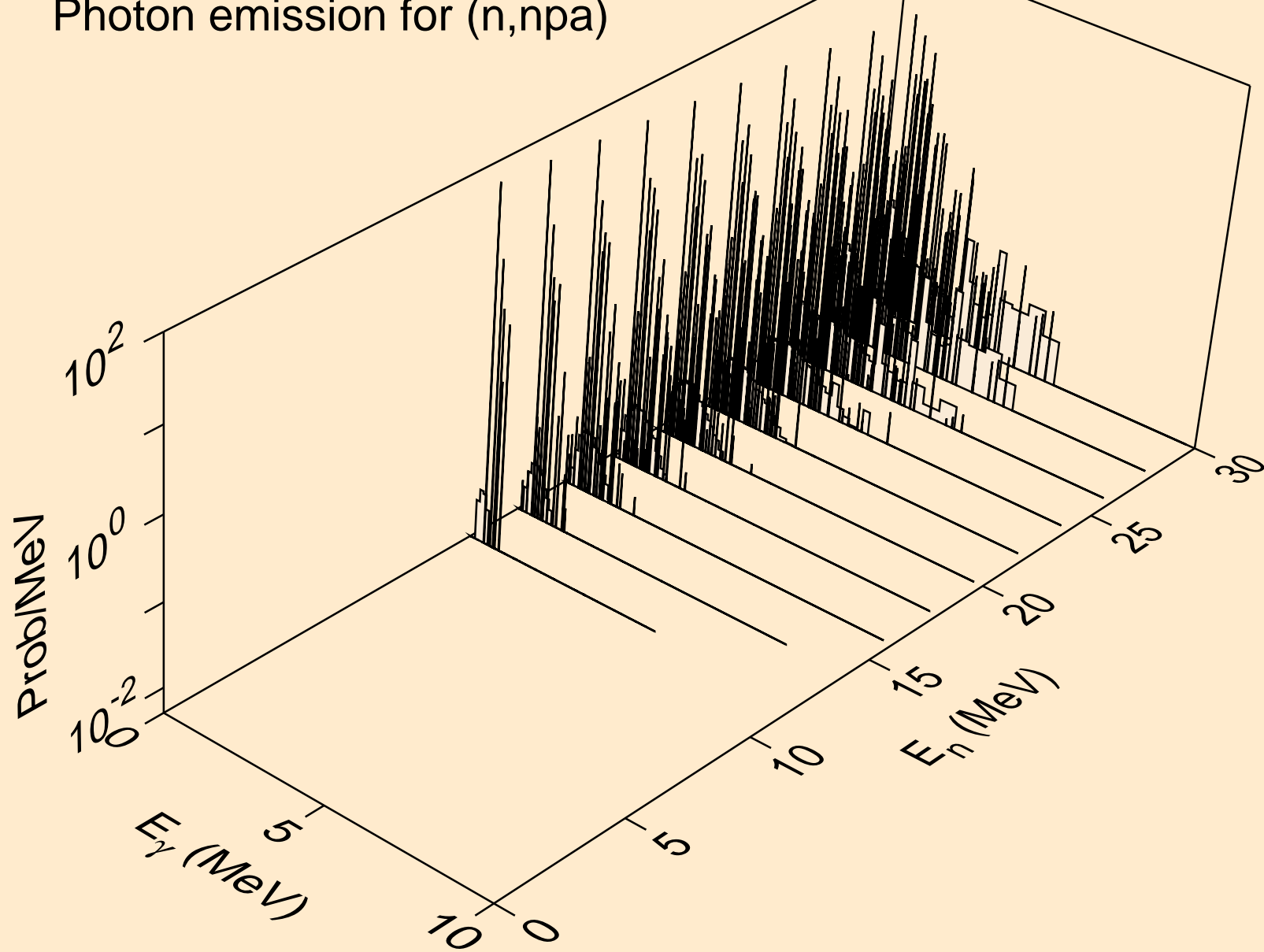
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



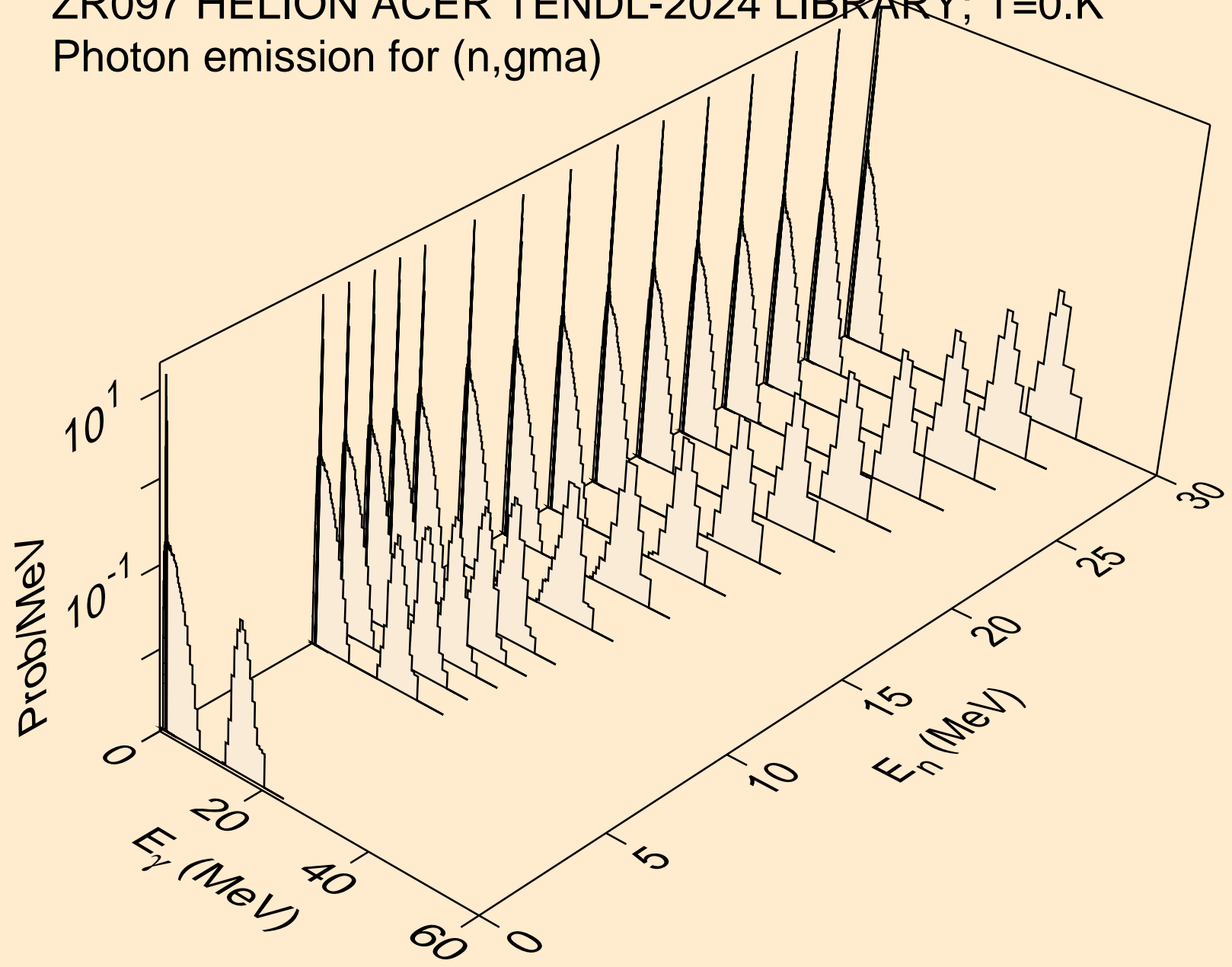
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



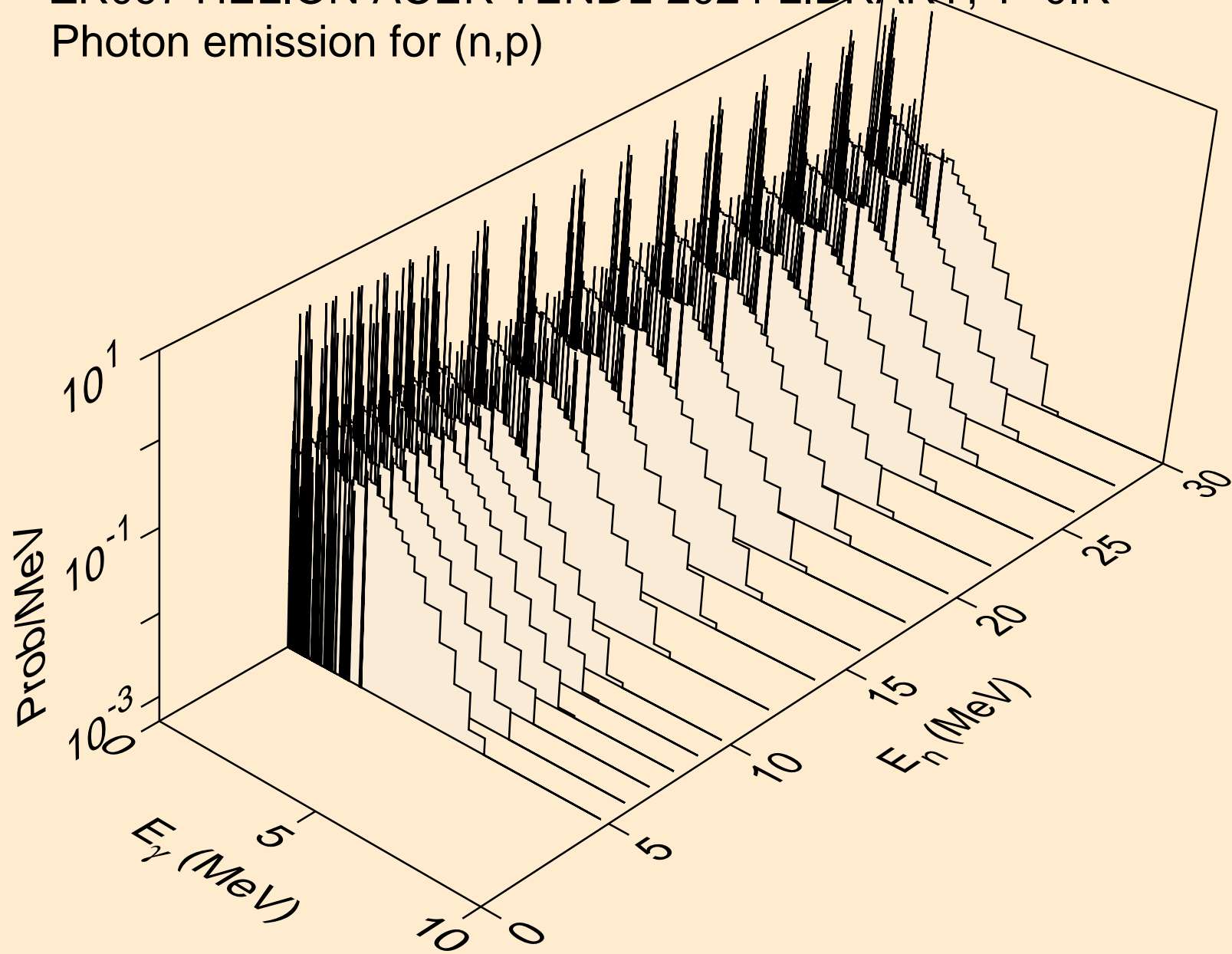
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



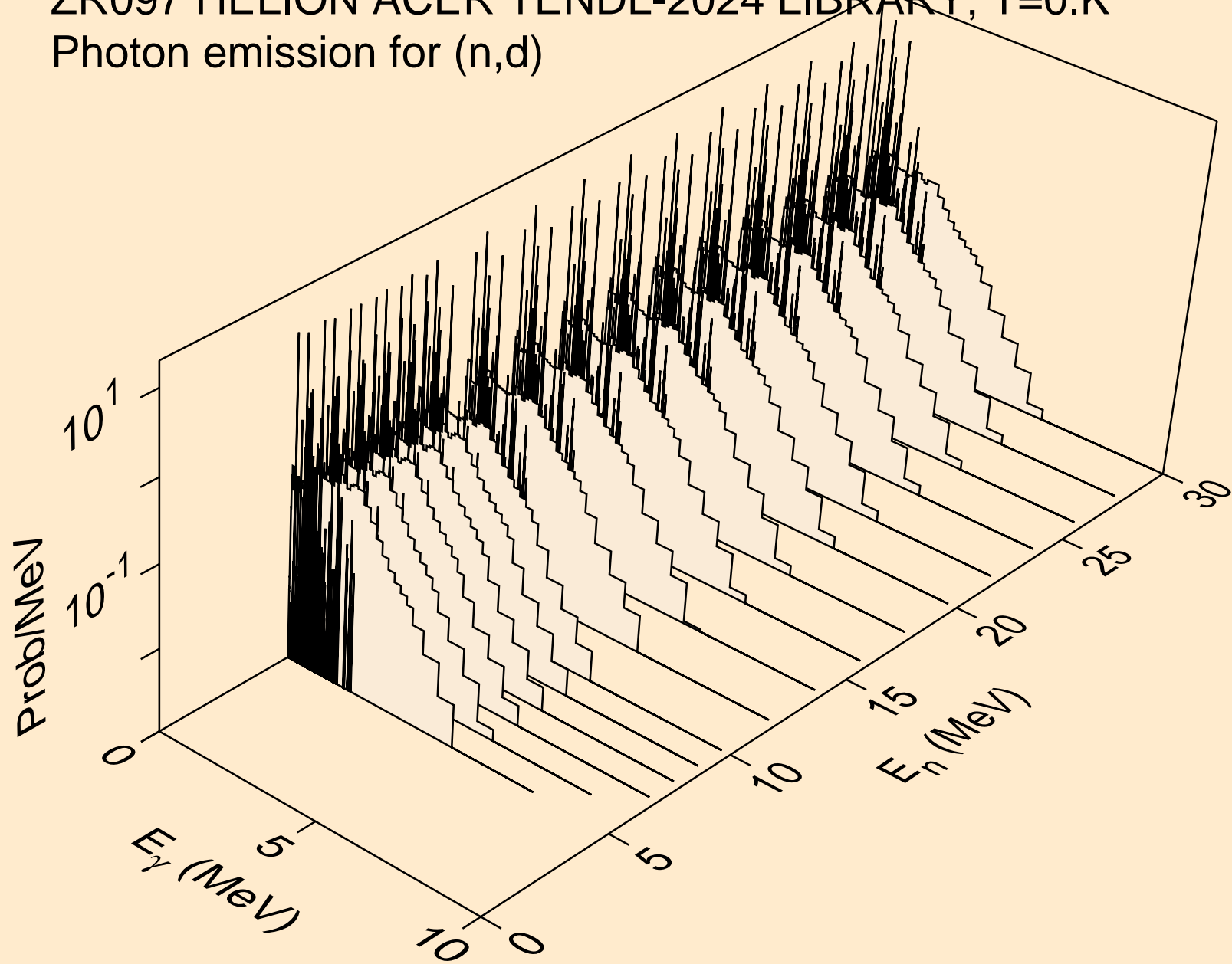
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



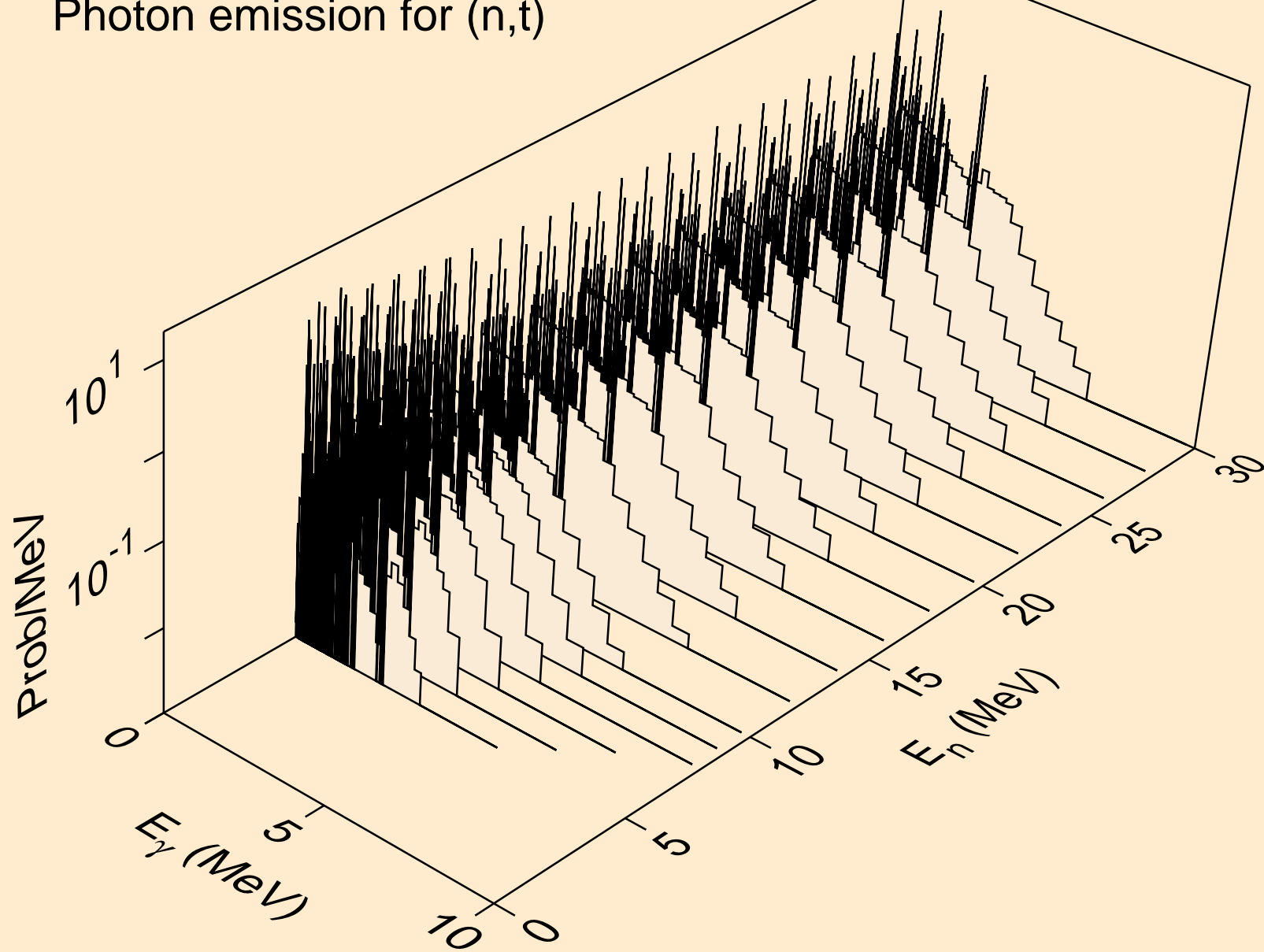
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



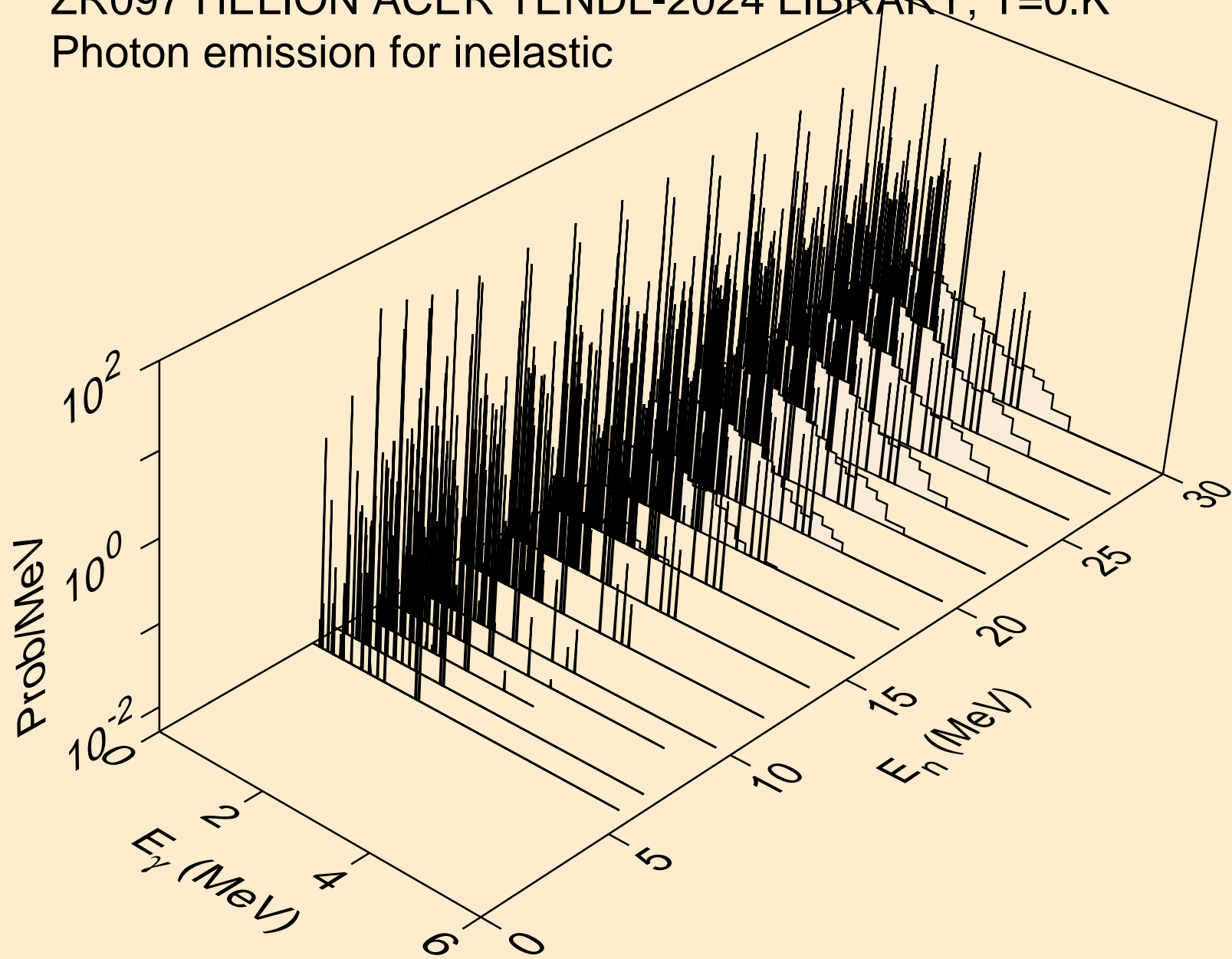
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



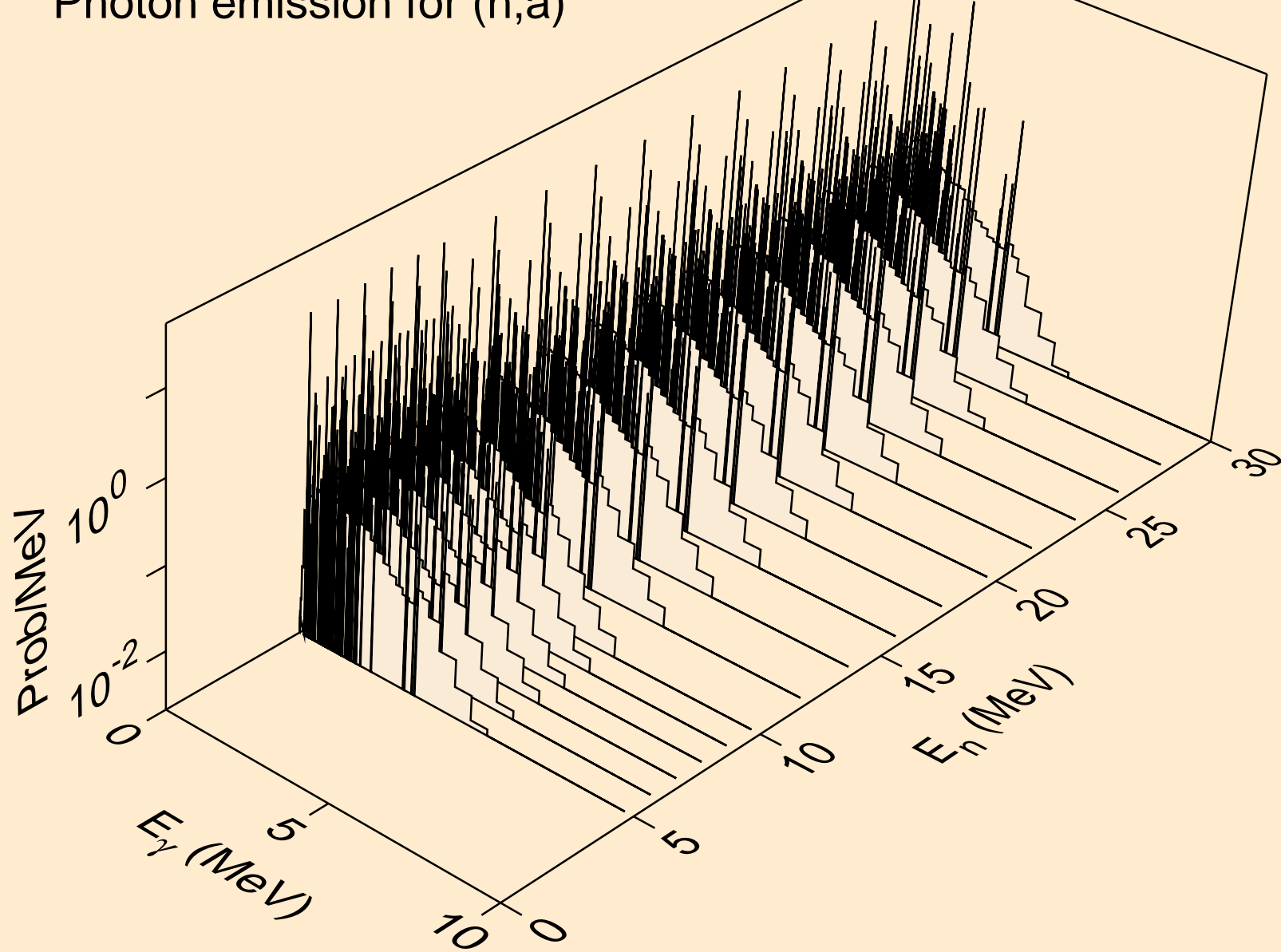
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



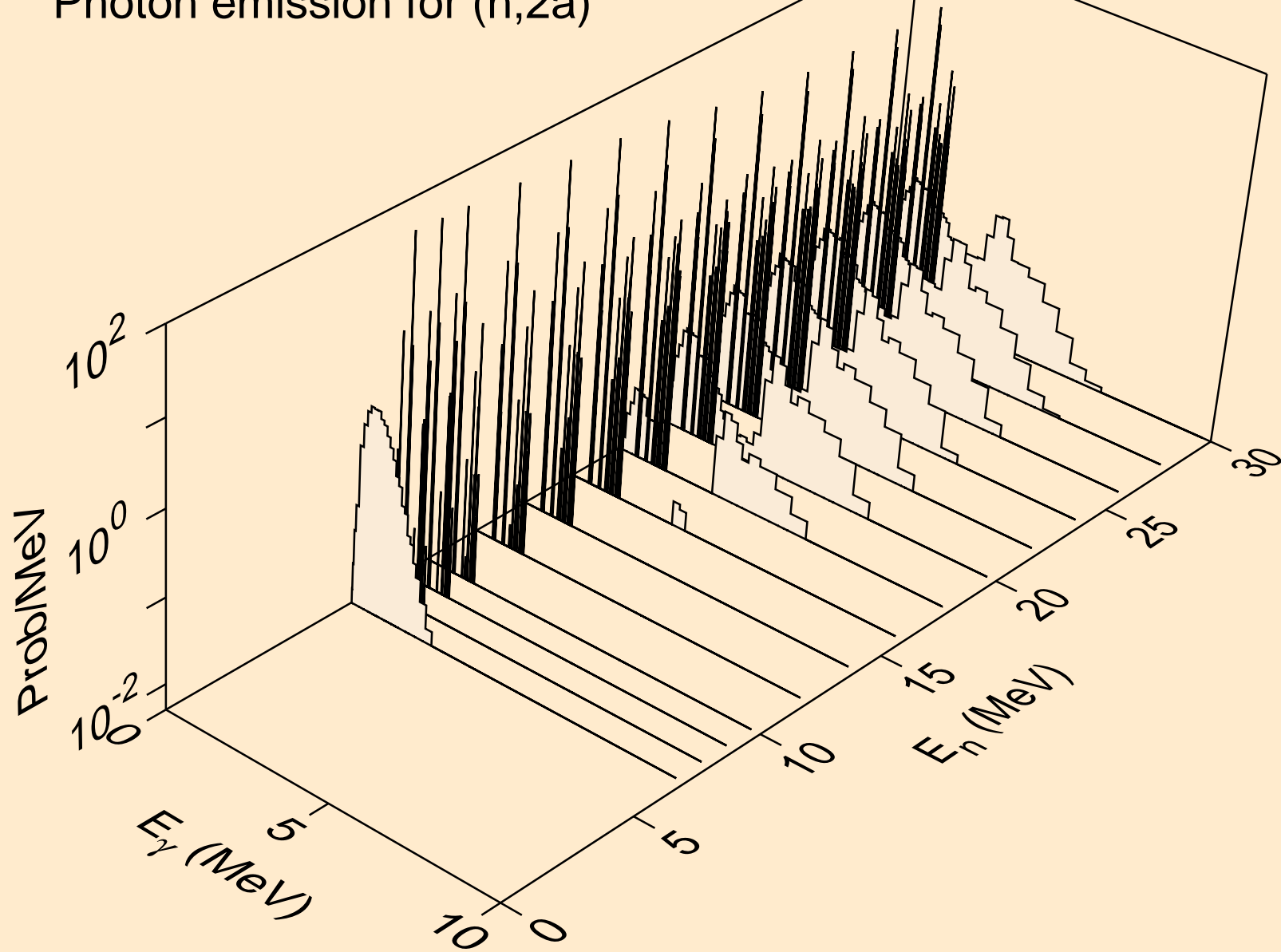
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic



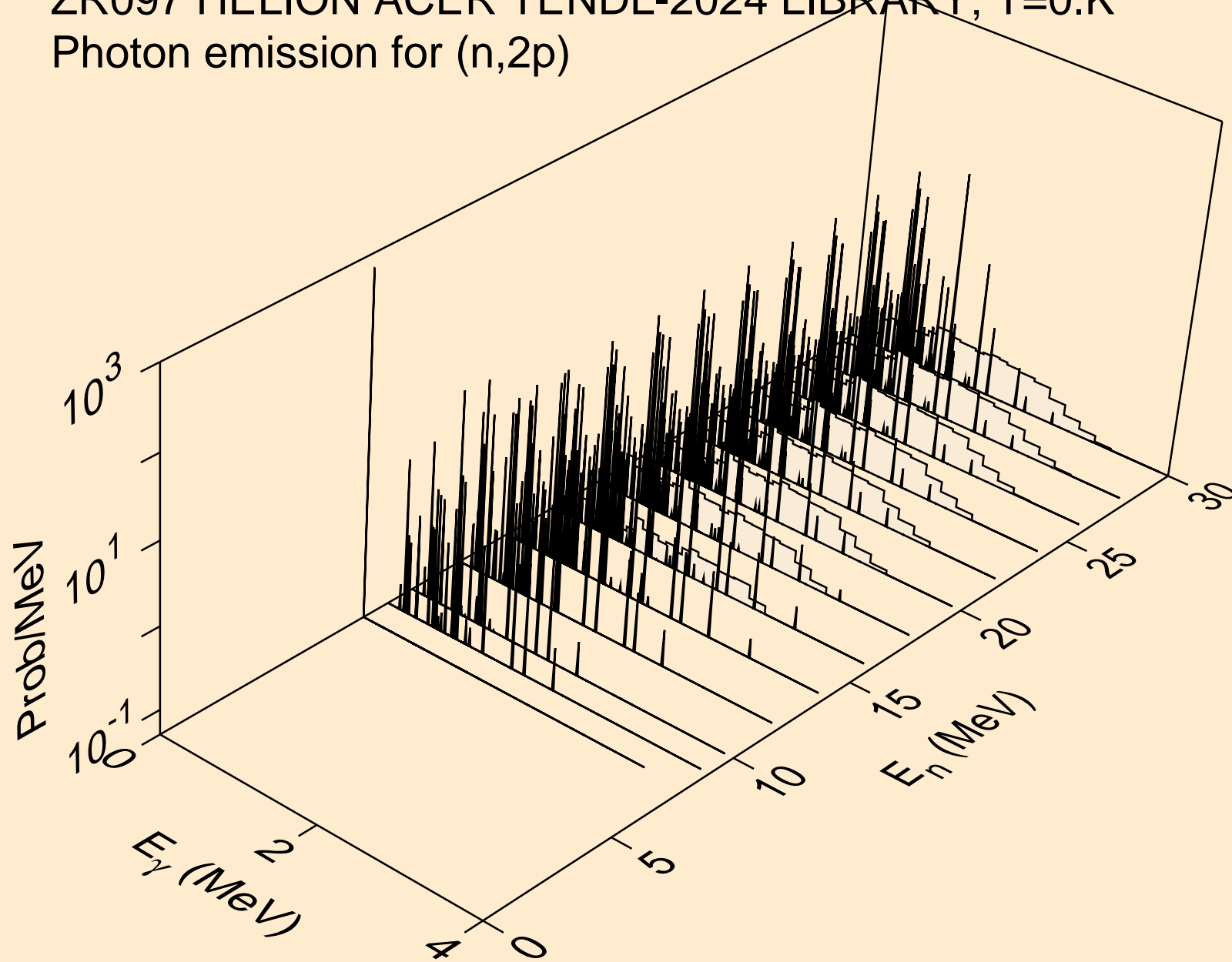
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



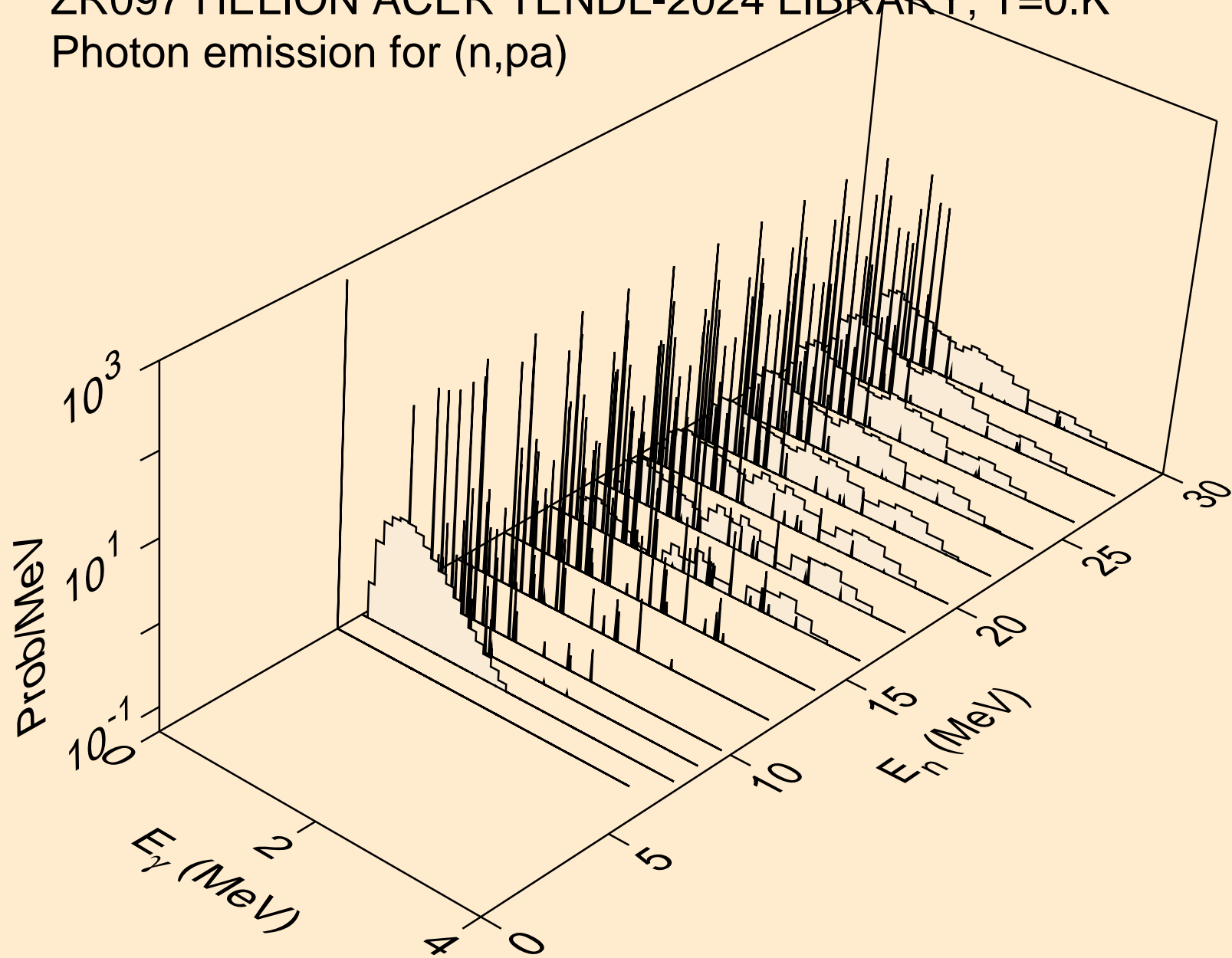
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



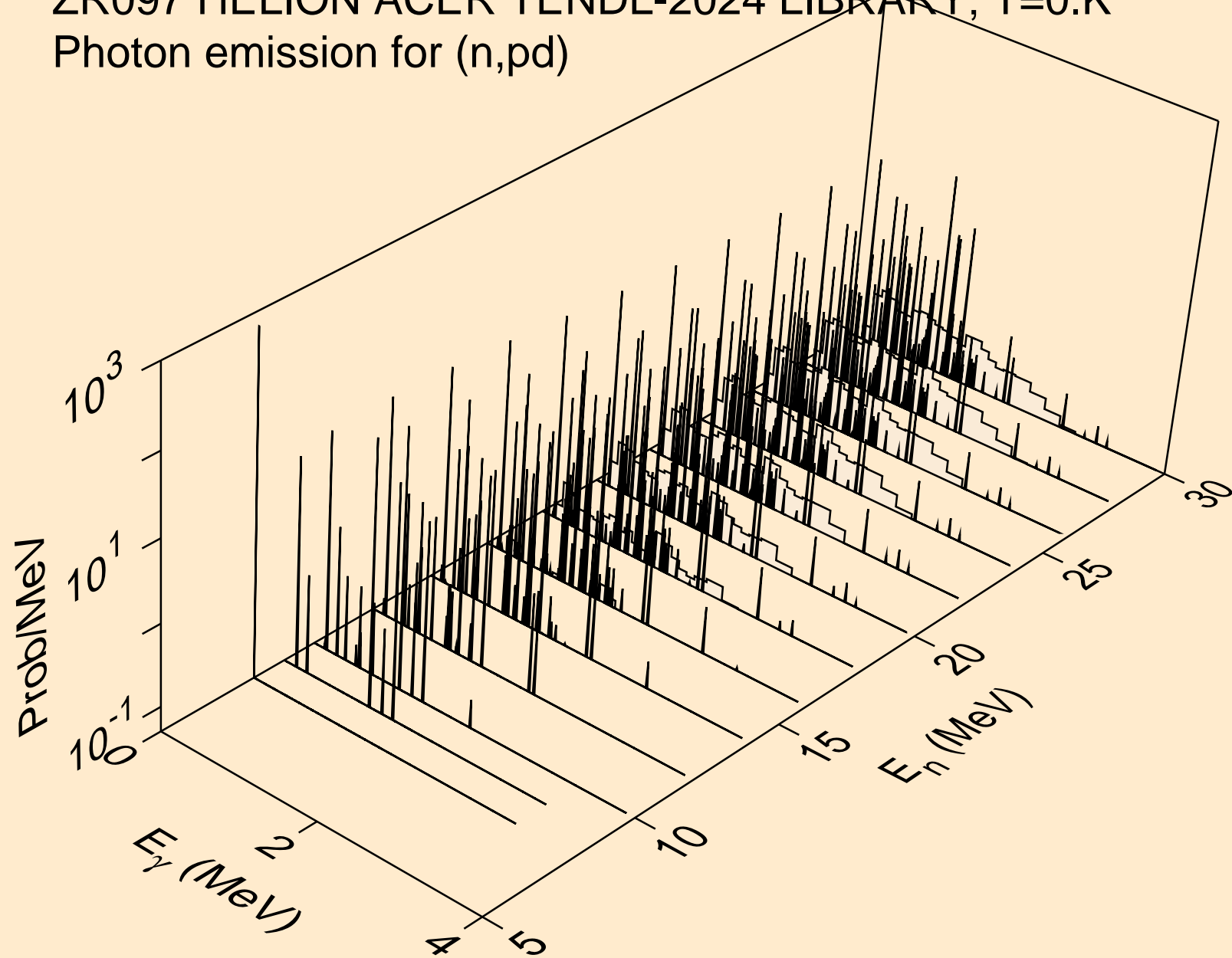
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



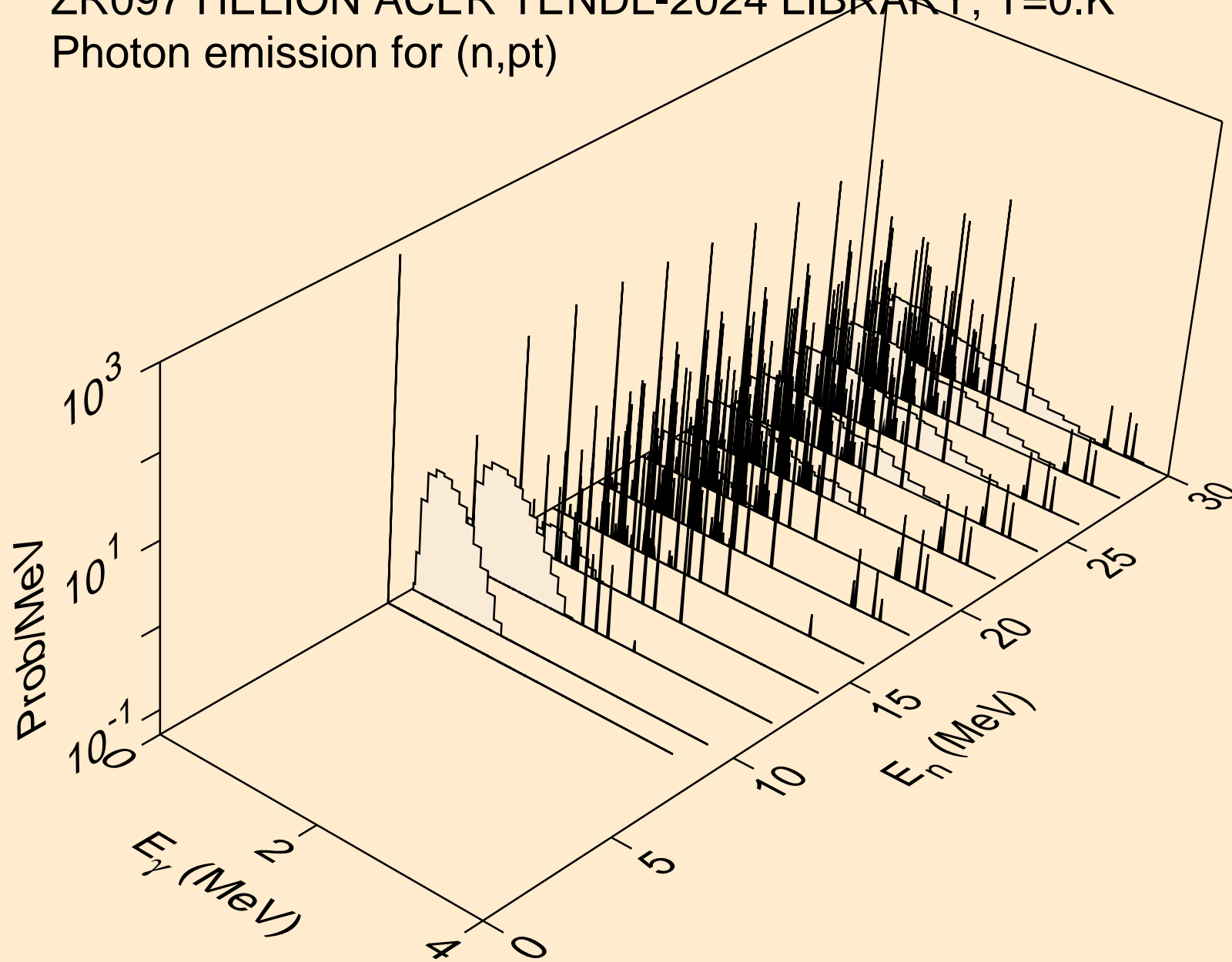
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pa)



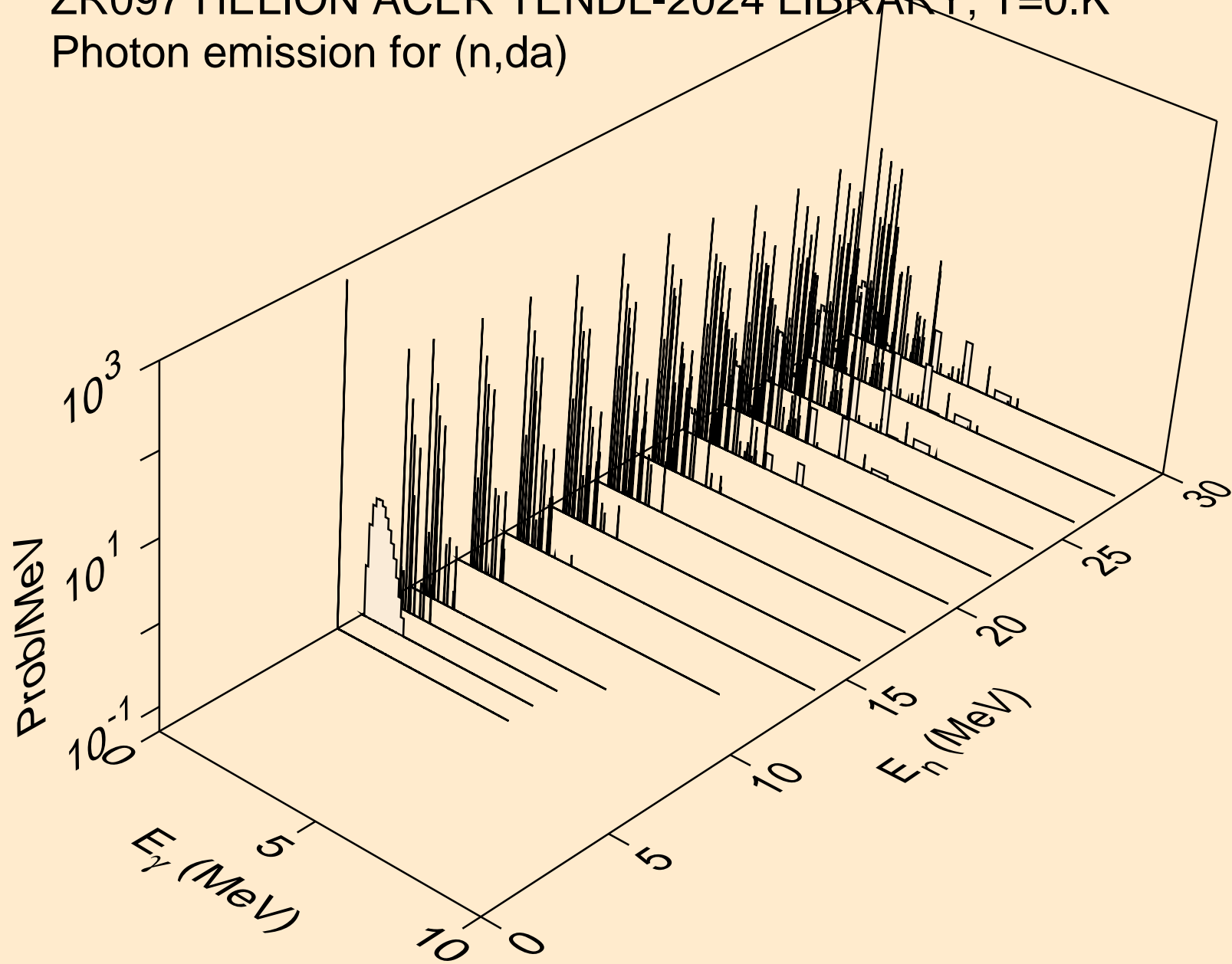
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



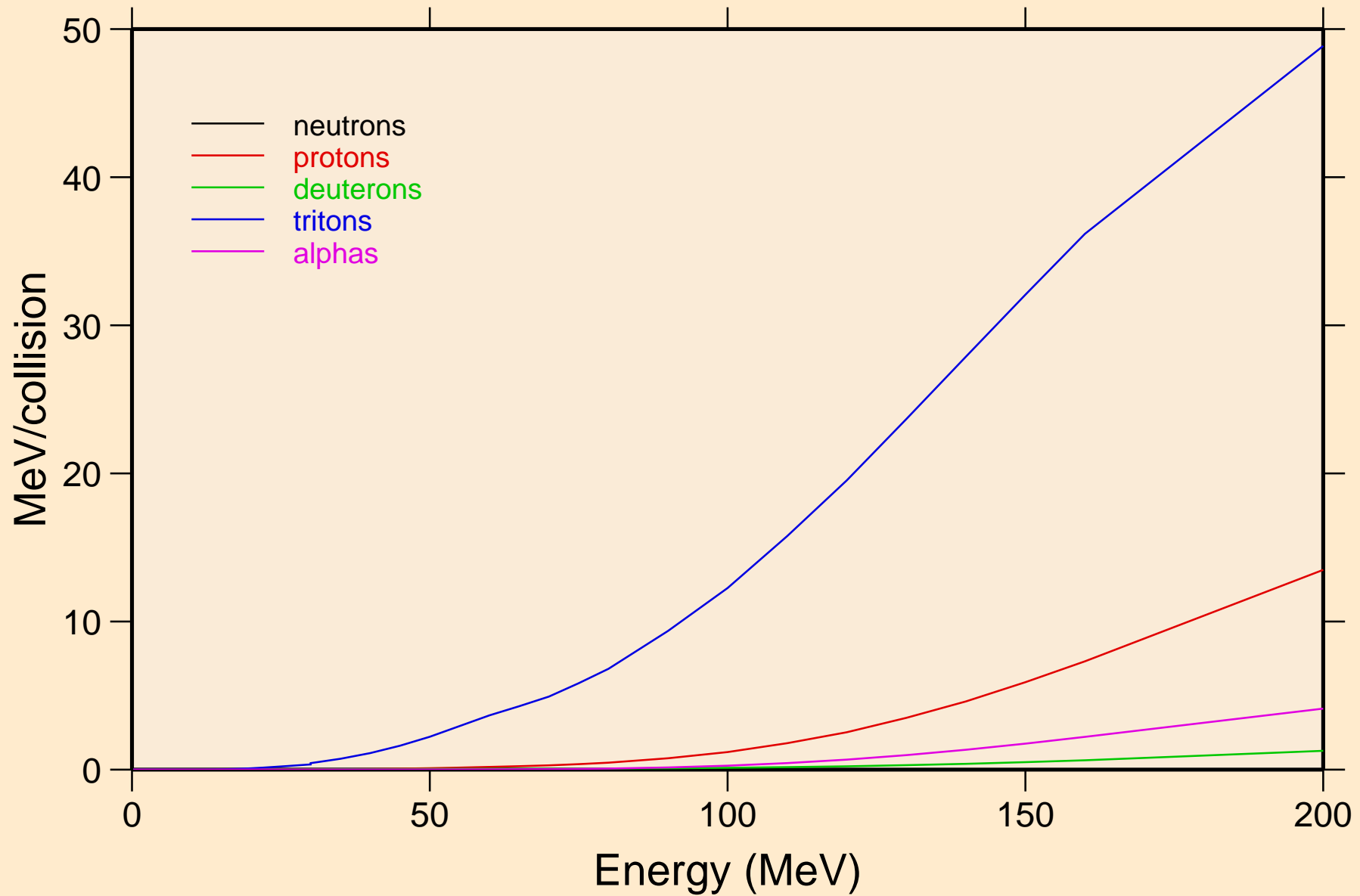
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



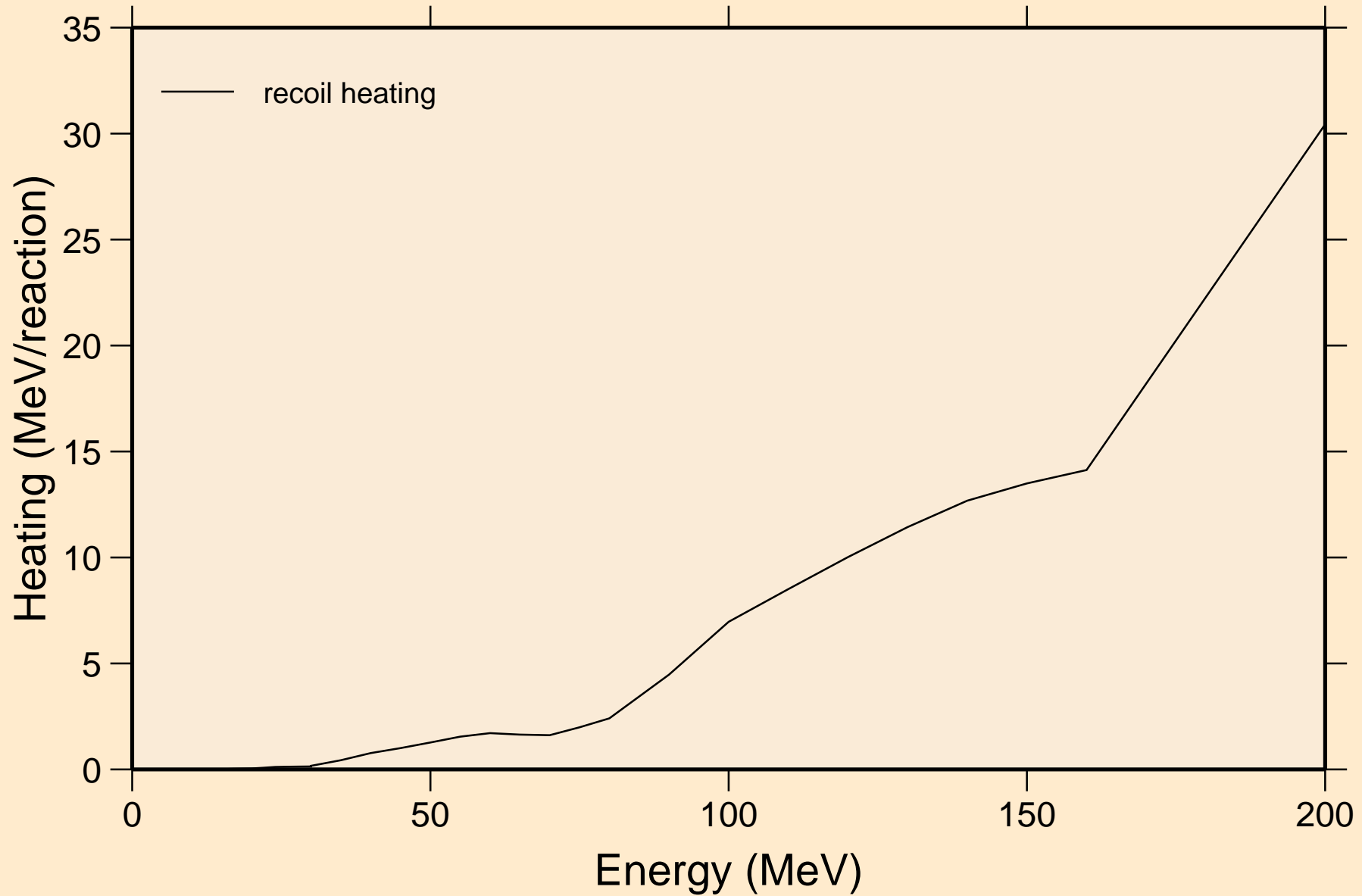
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



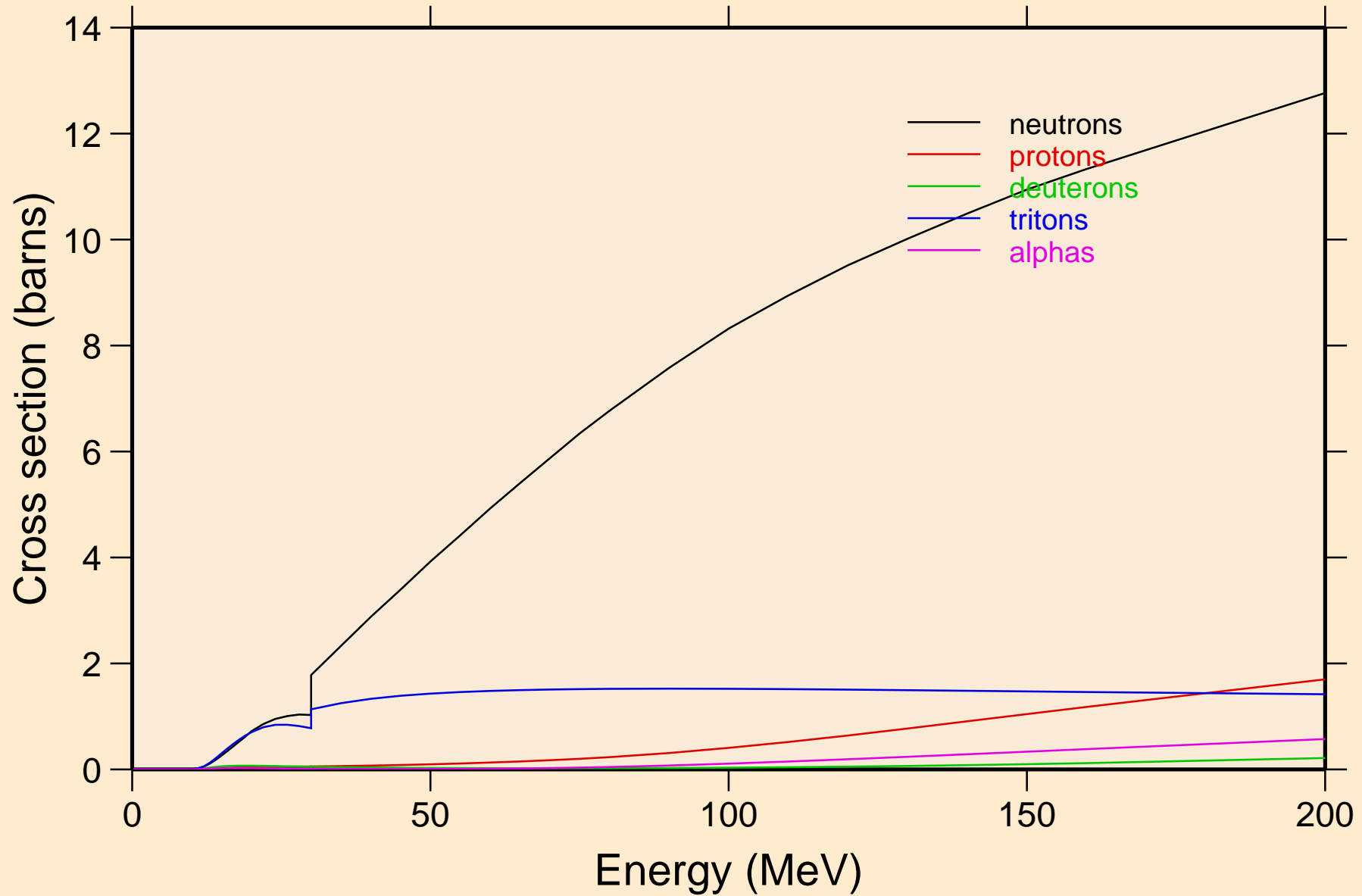
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Particle heating contributions



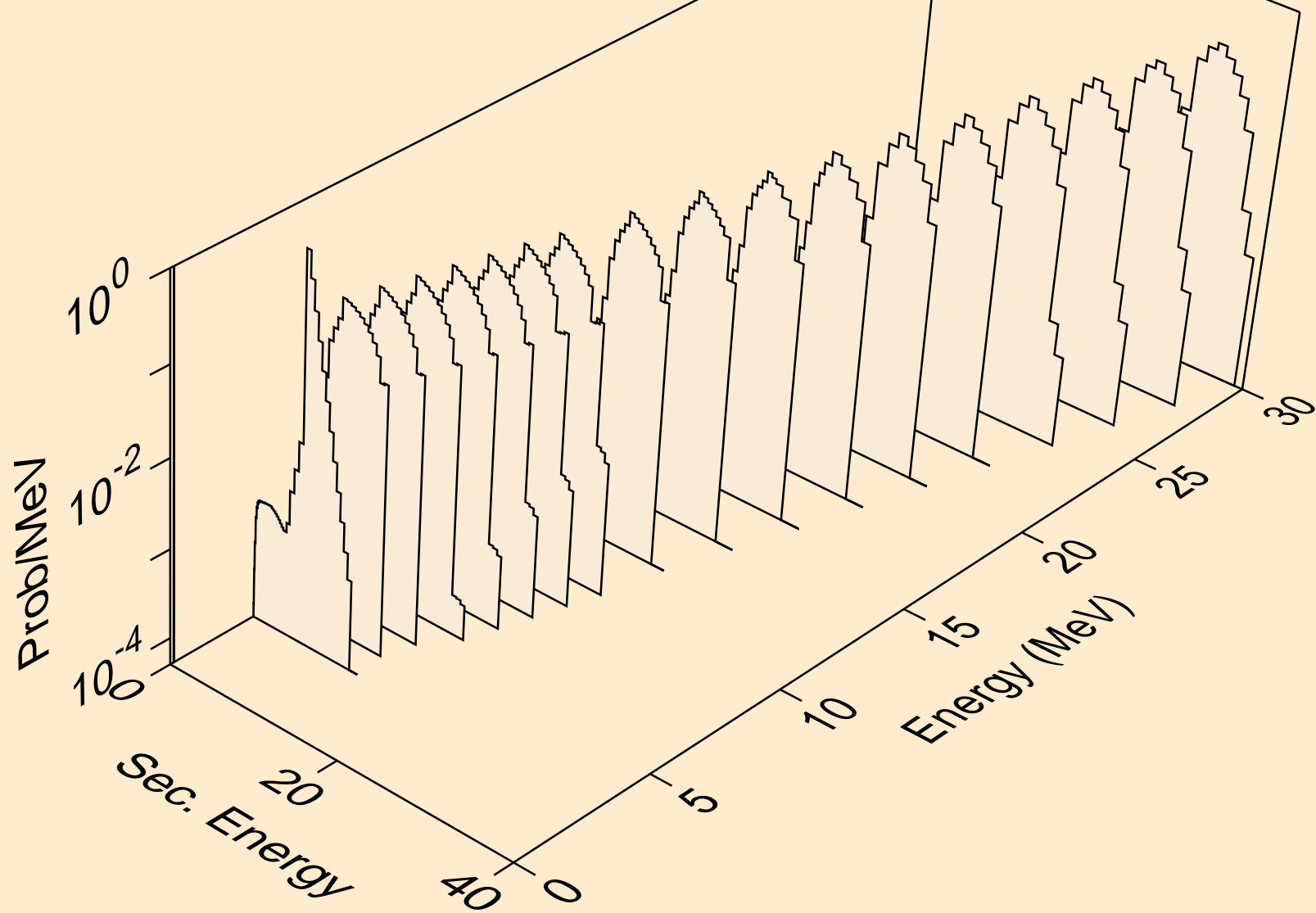
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating



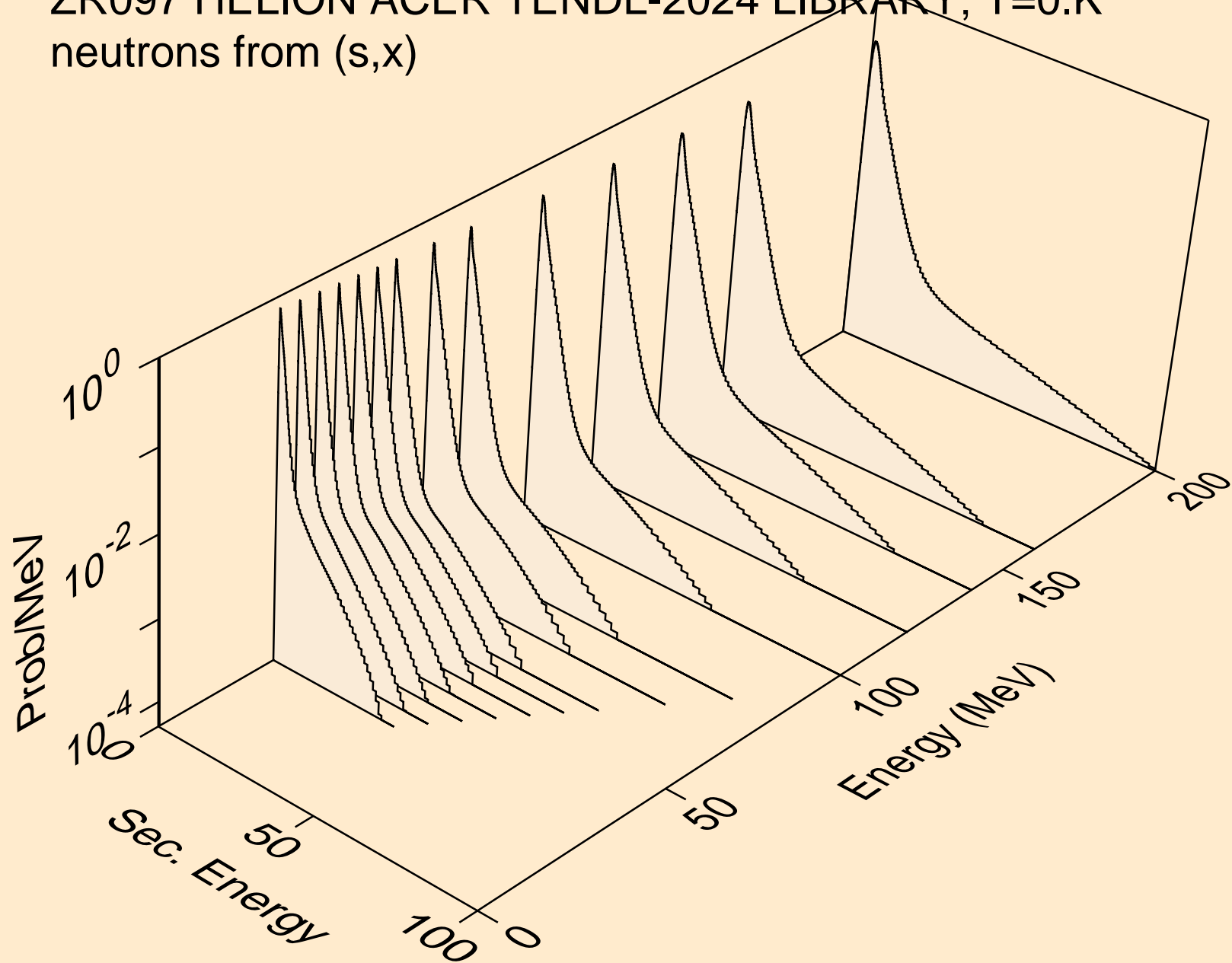
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



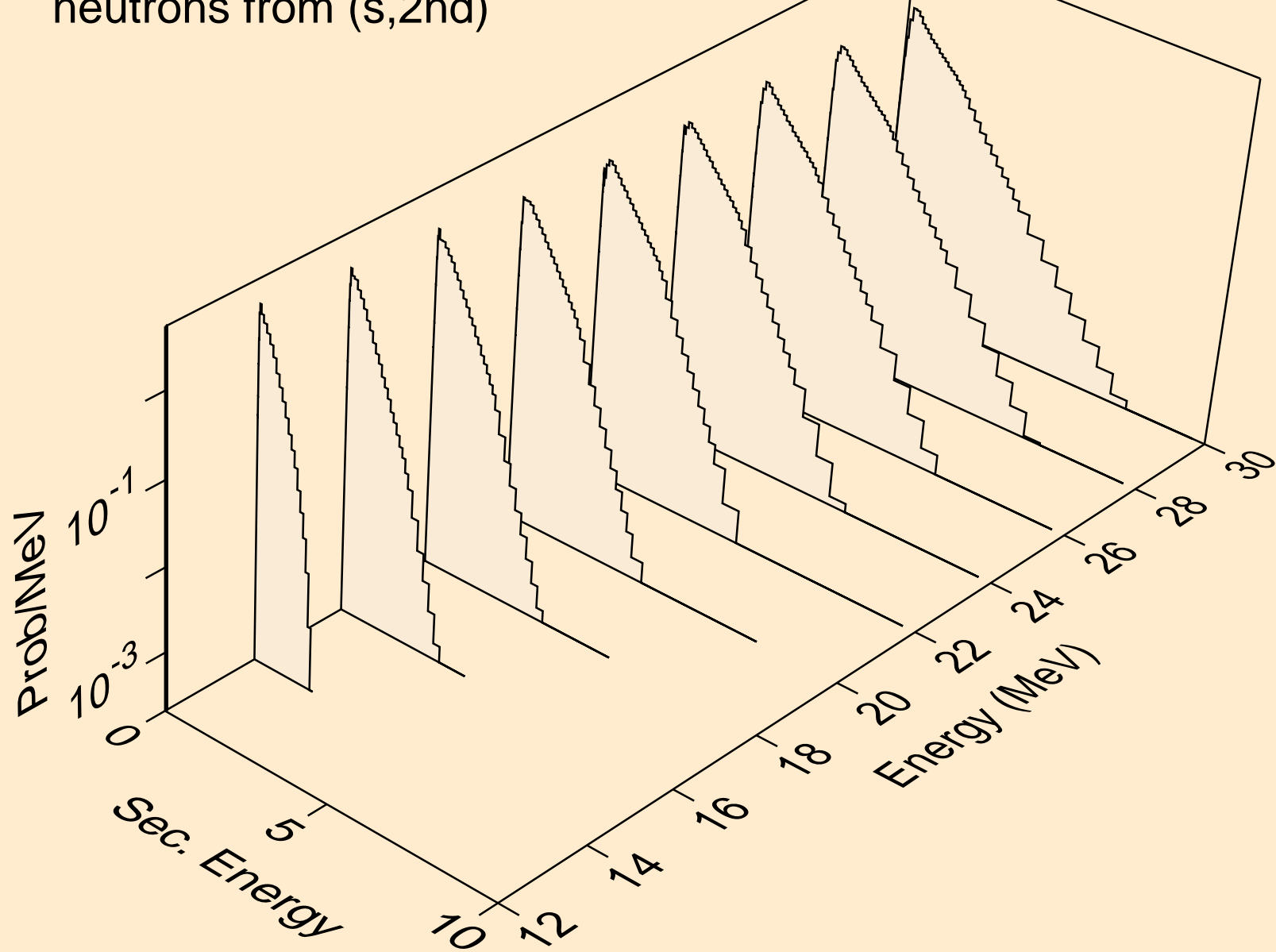
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n)



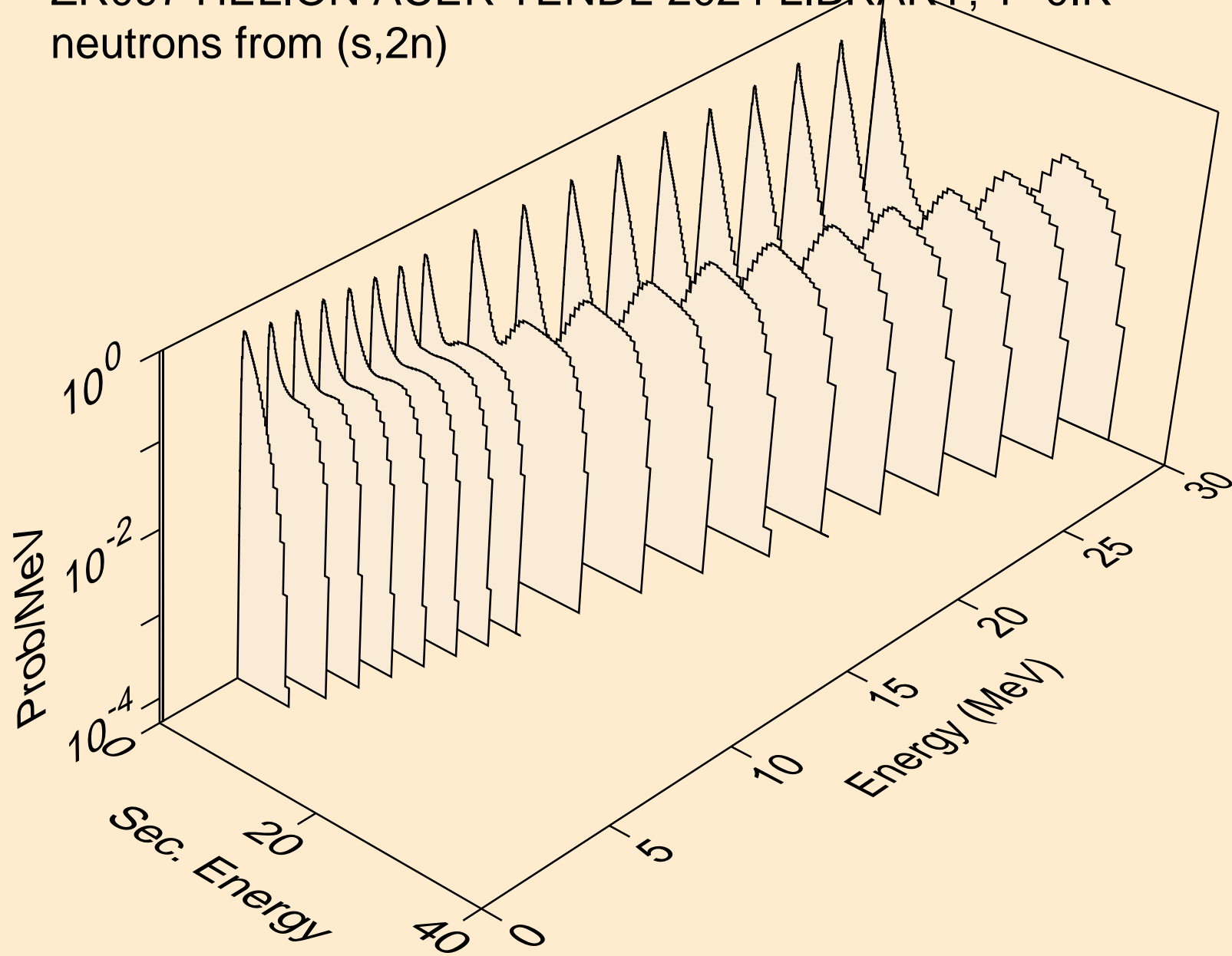
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,x)



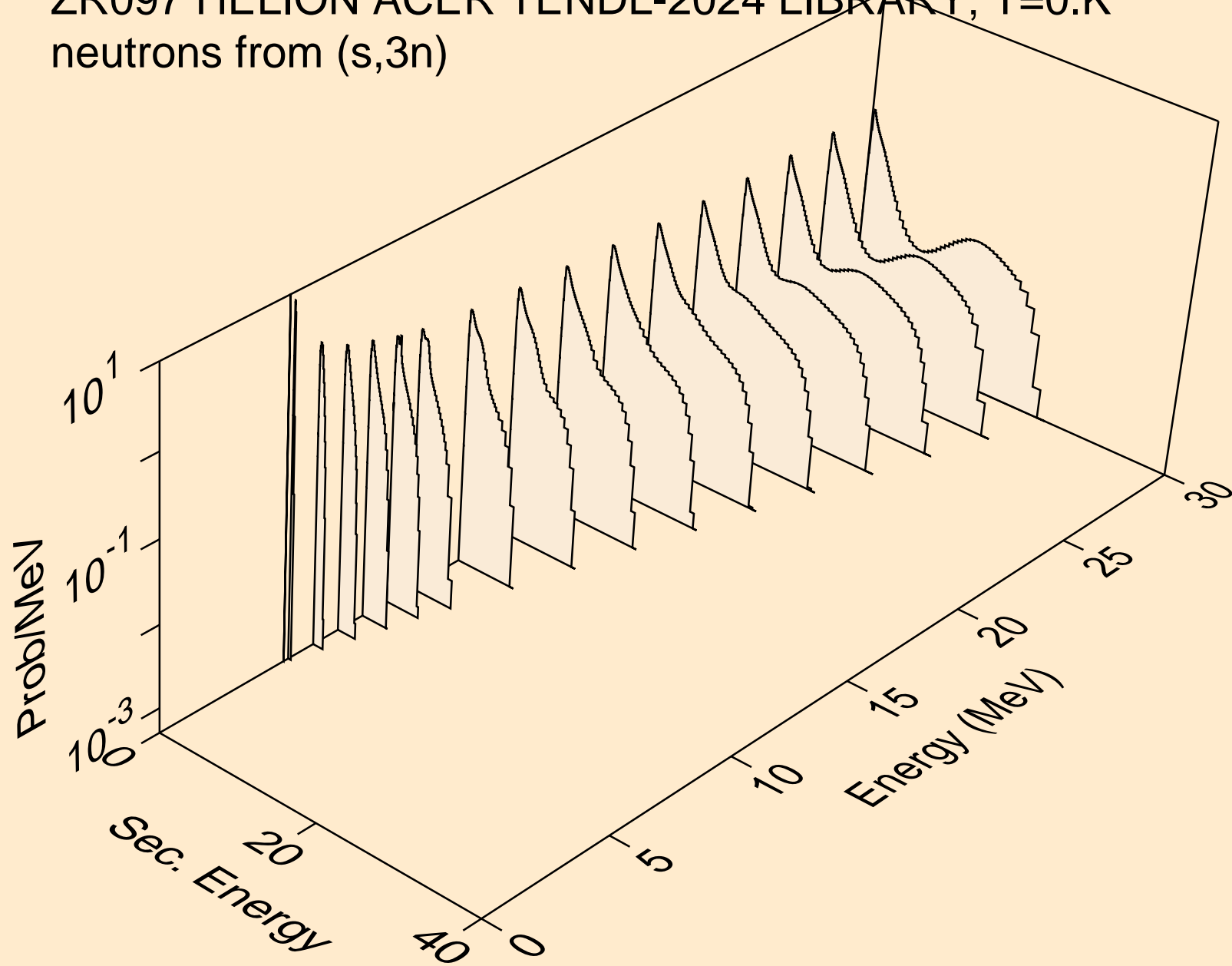
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2nd)



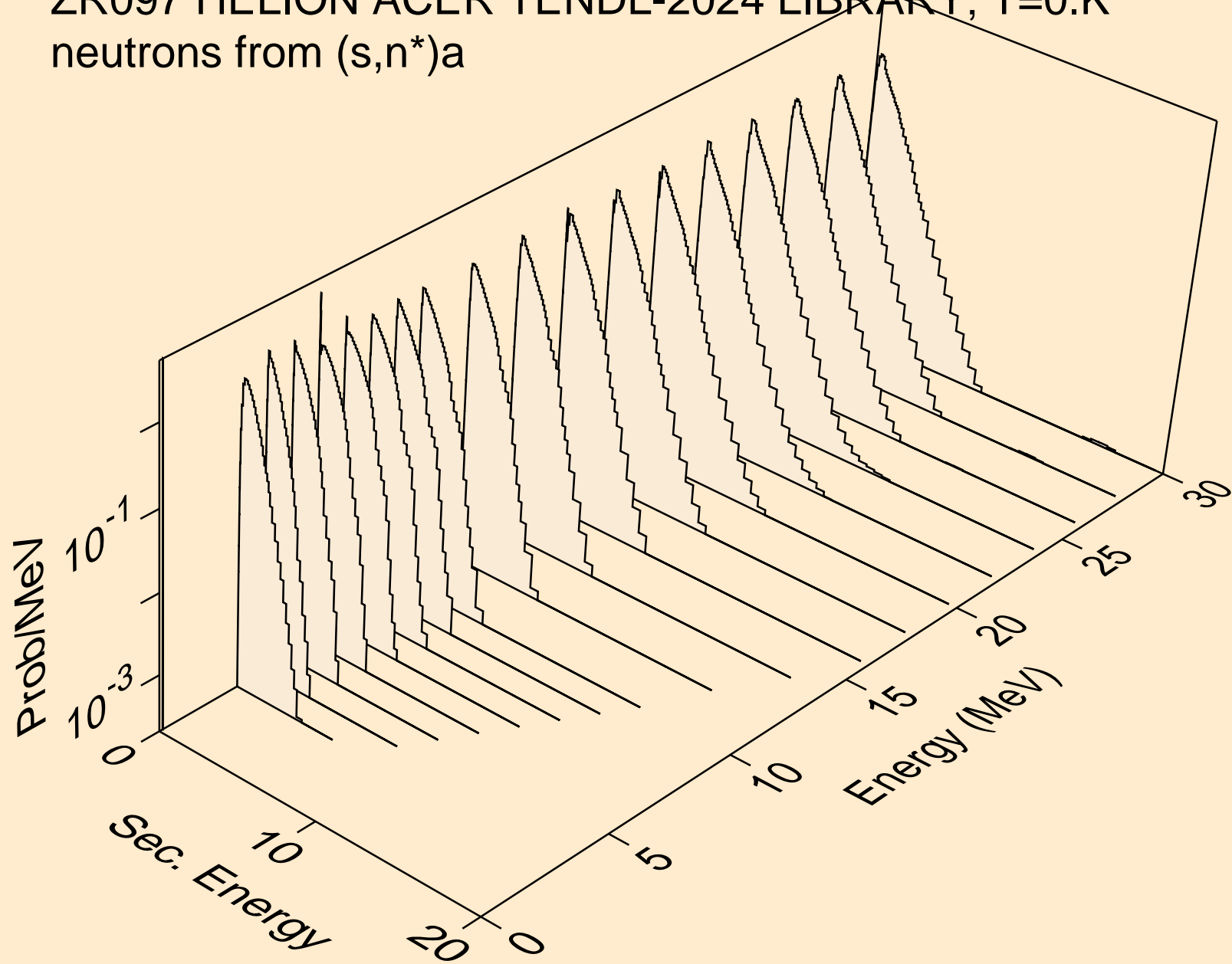
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2n)



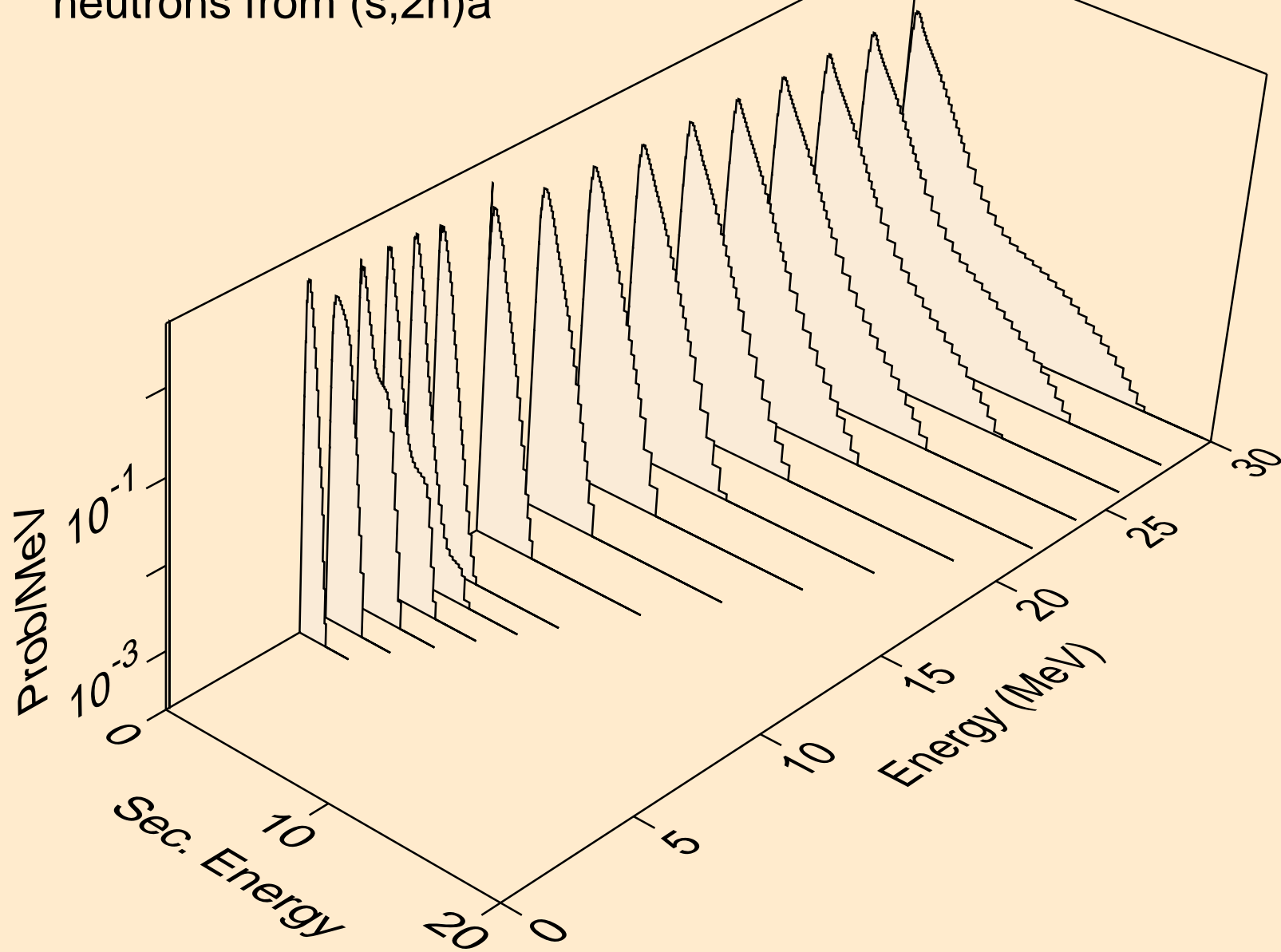
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,3n)



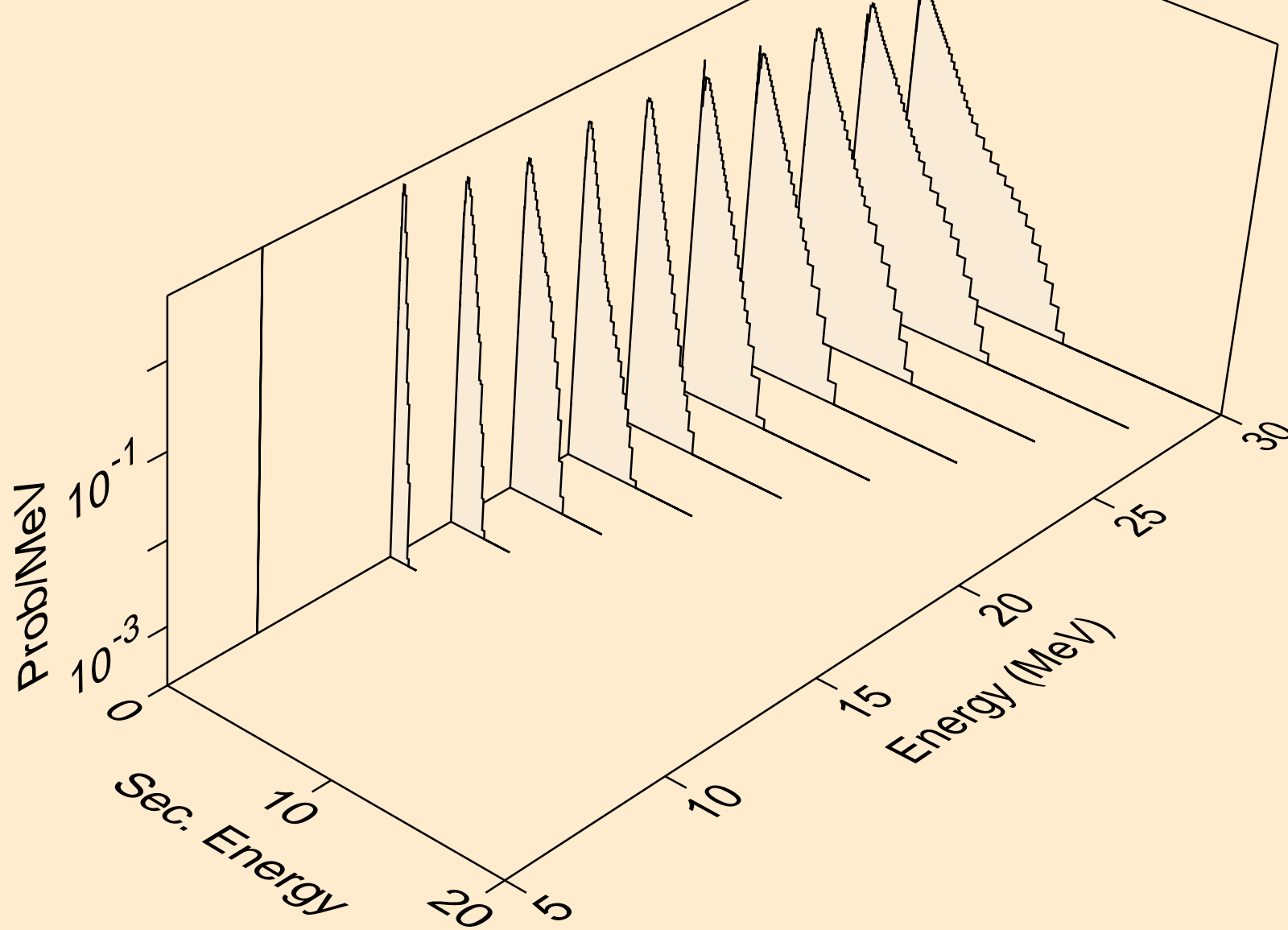
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)a



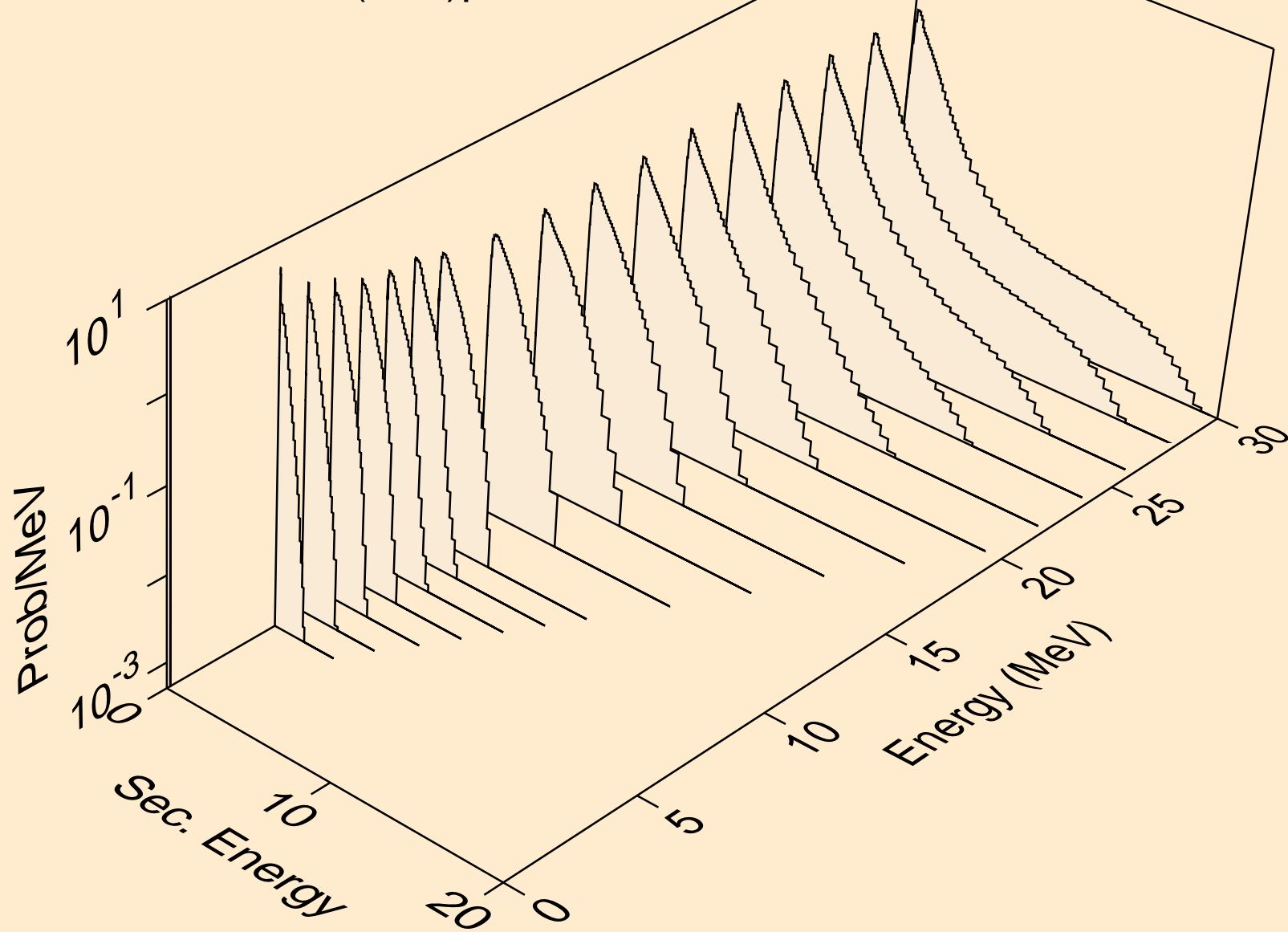
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2n)a



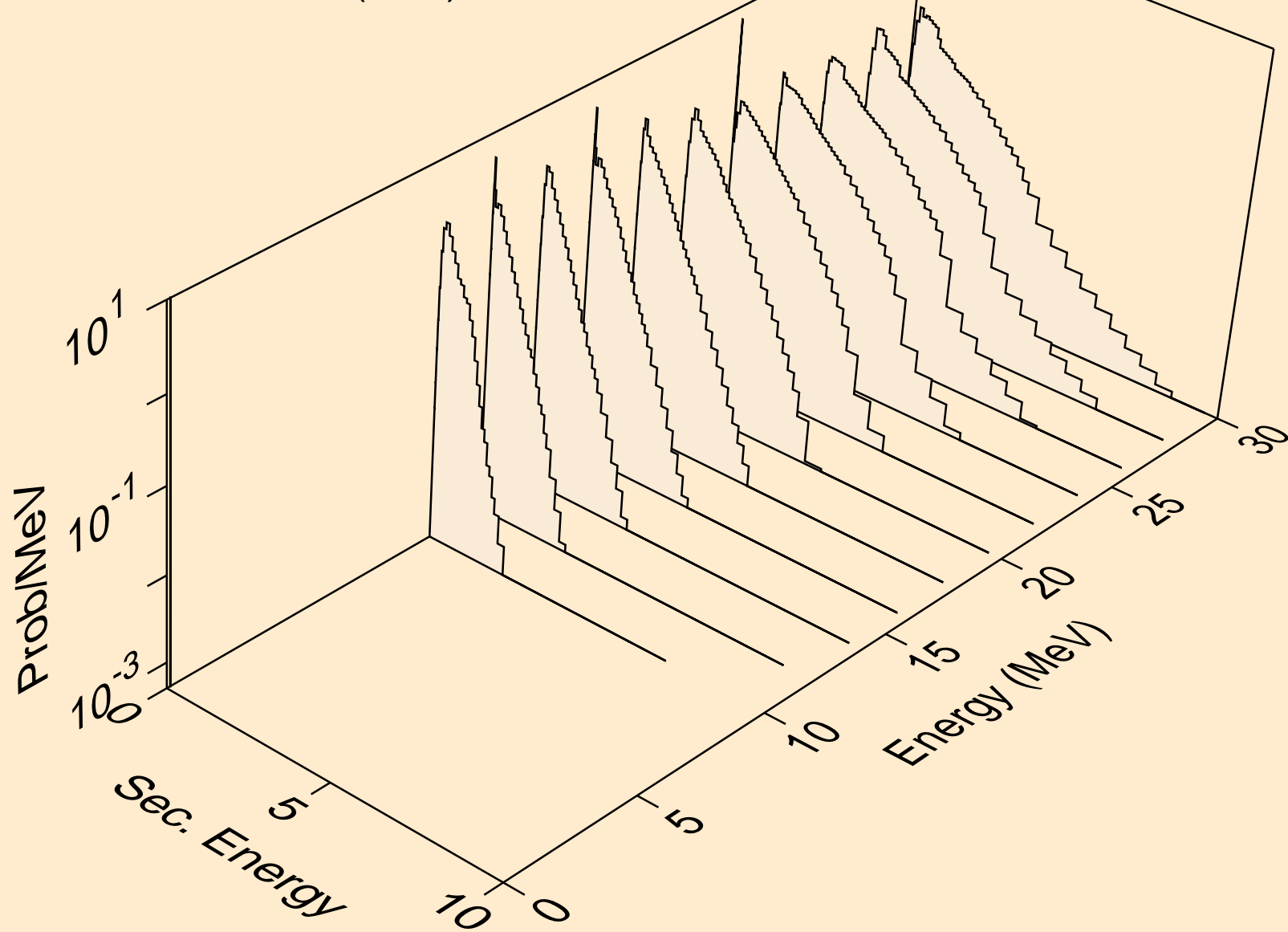
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,3n)a



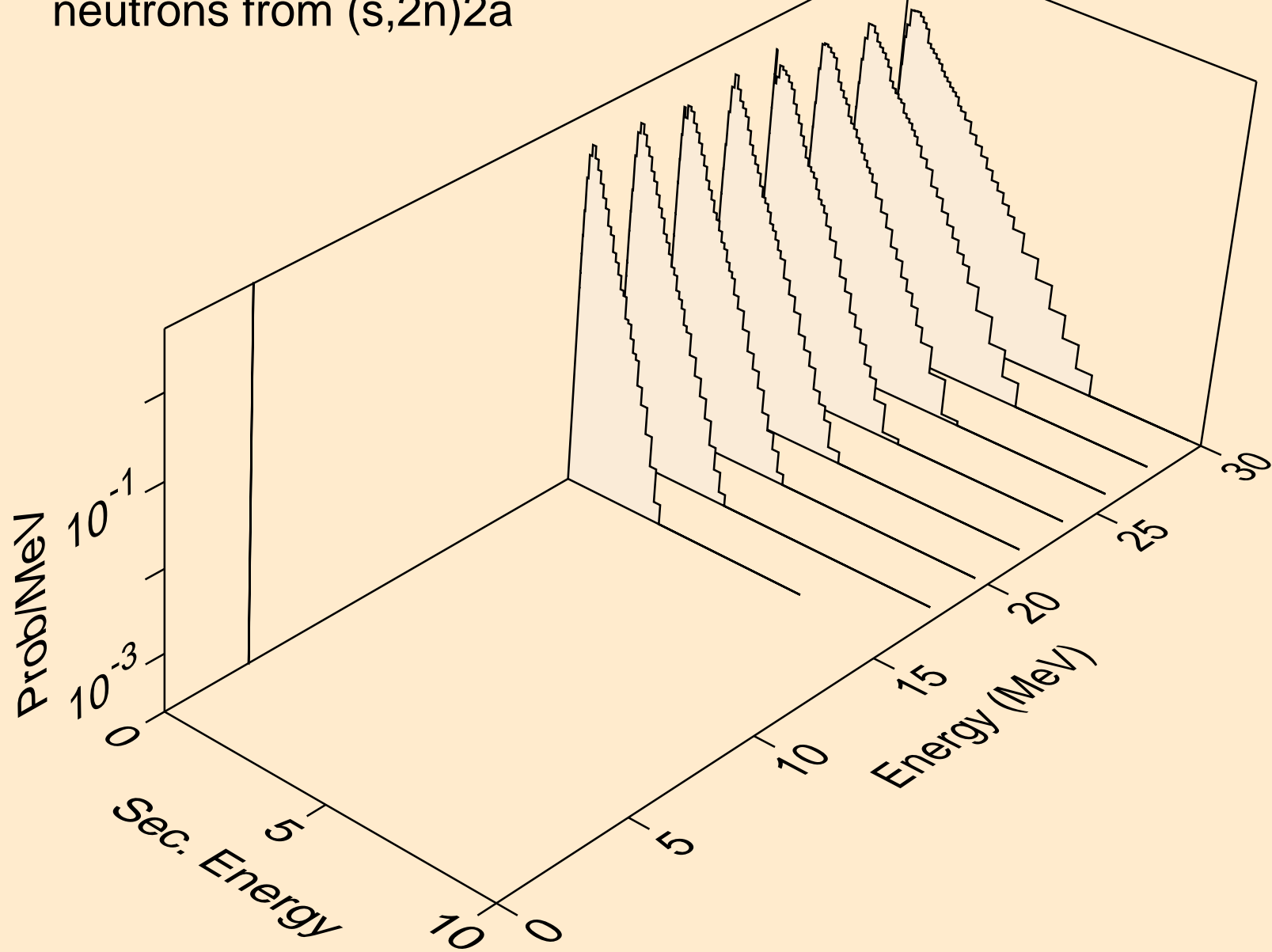
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)p



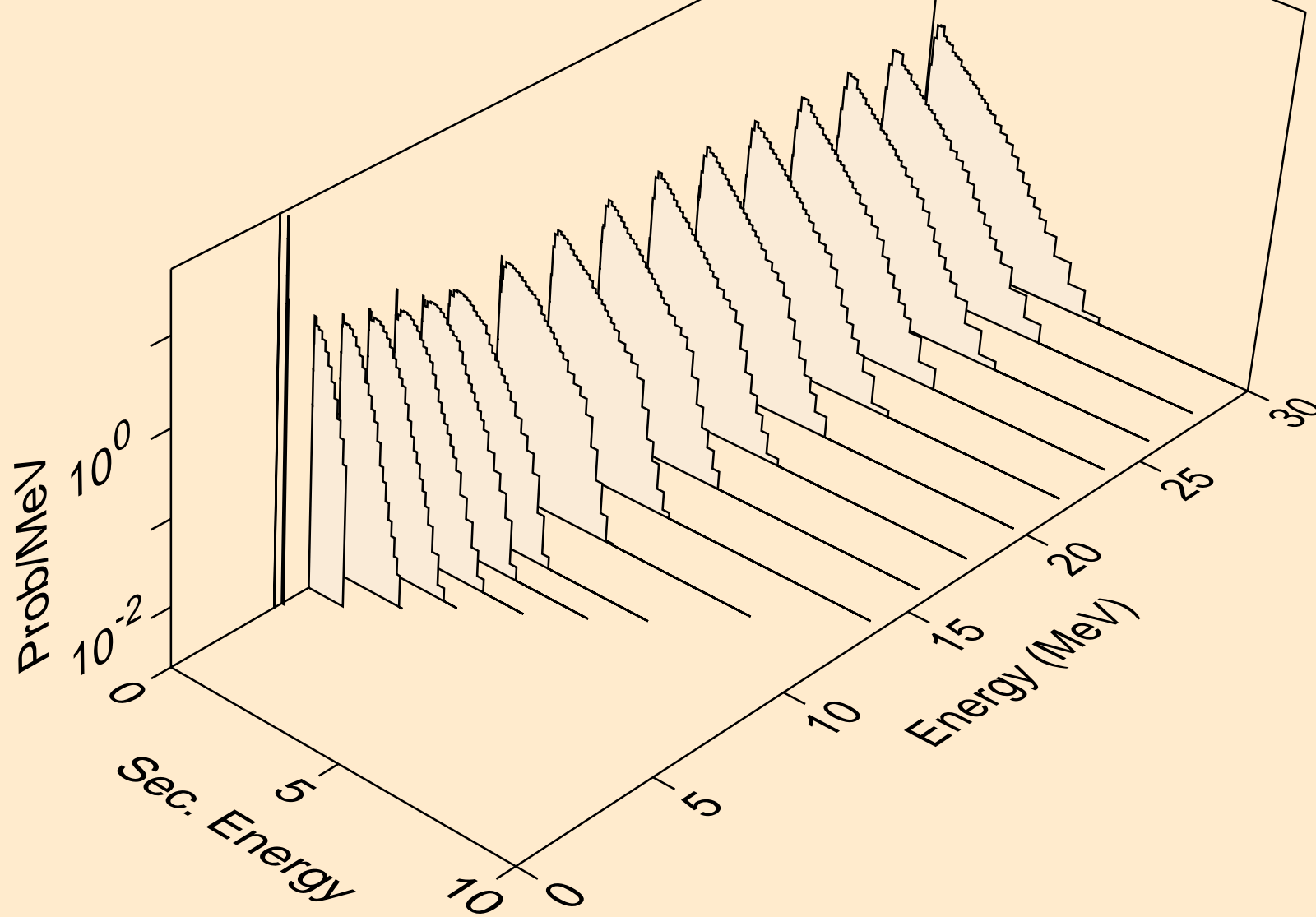
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)2a



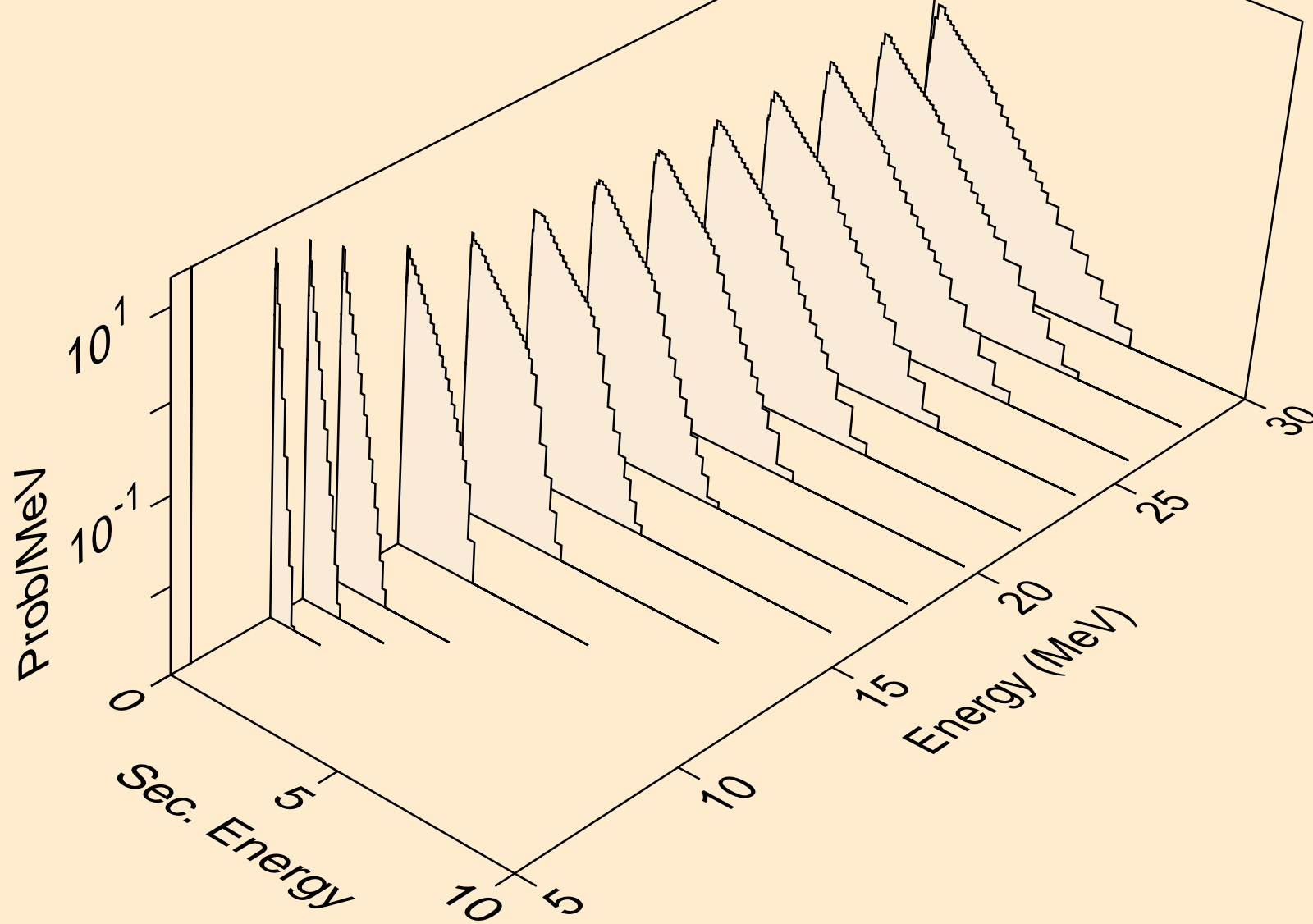
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2n)2a



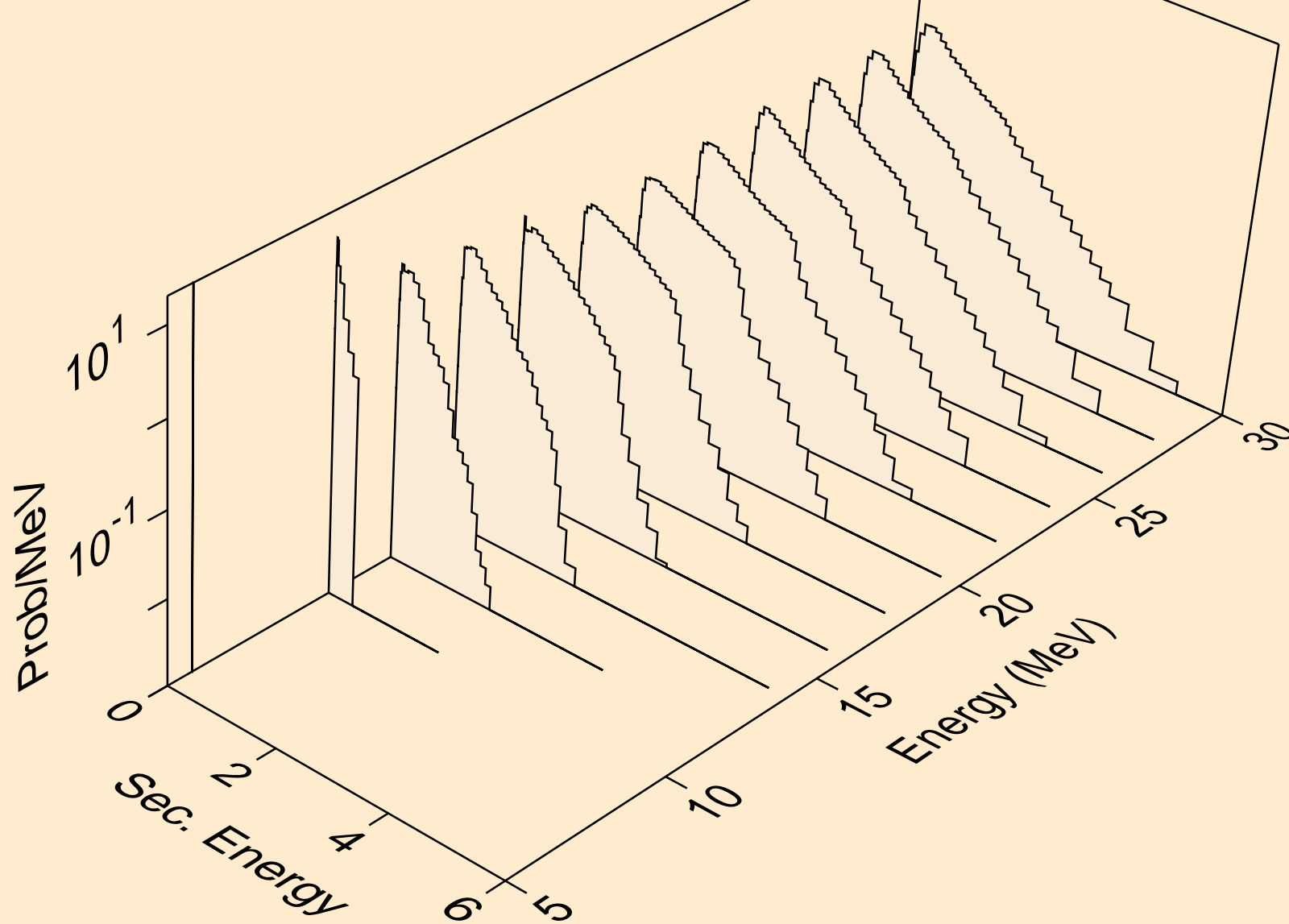
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)d



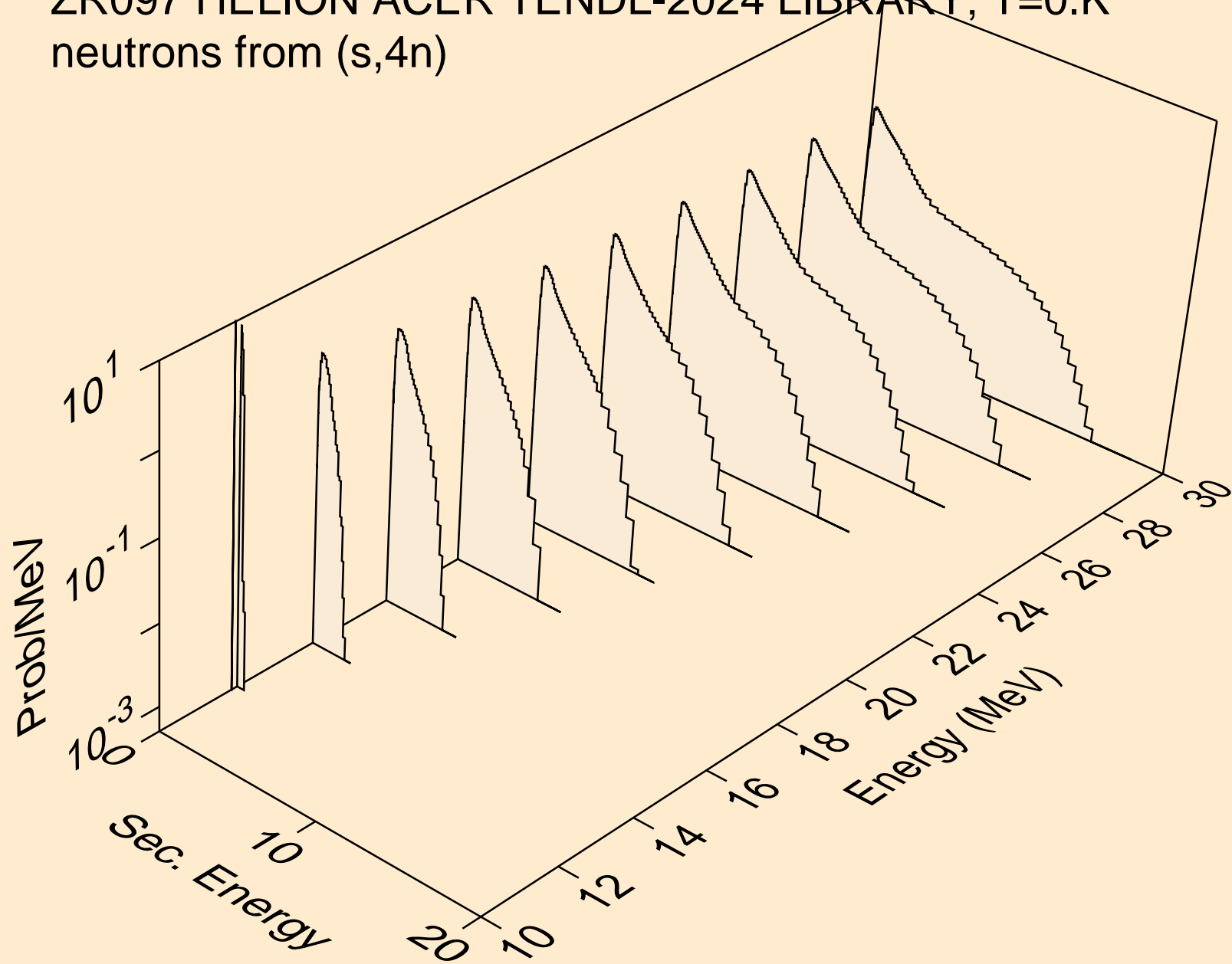
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)t



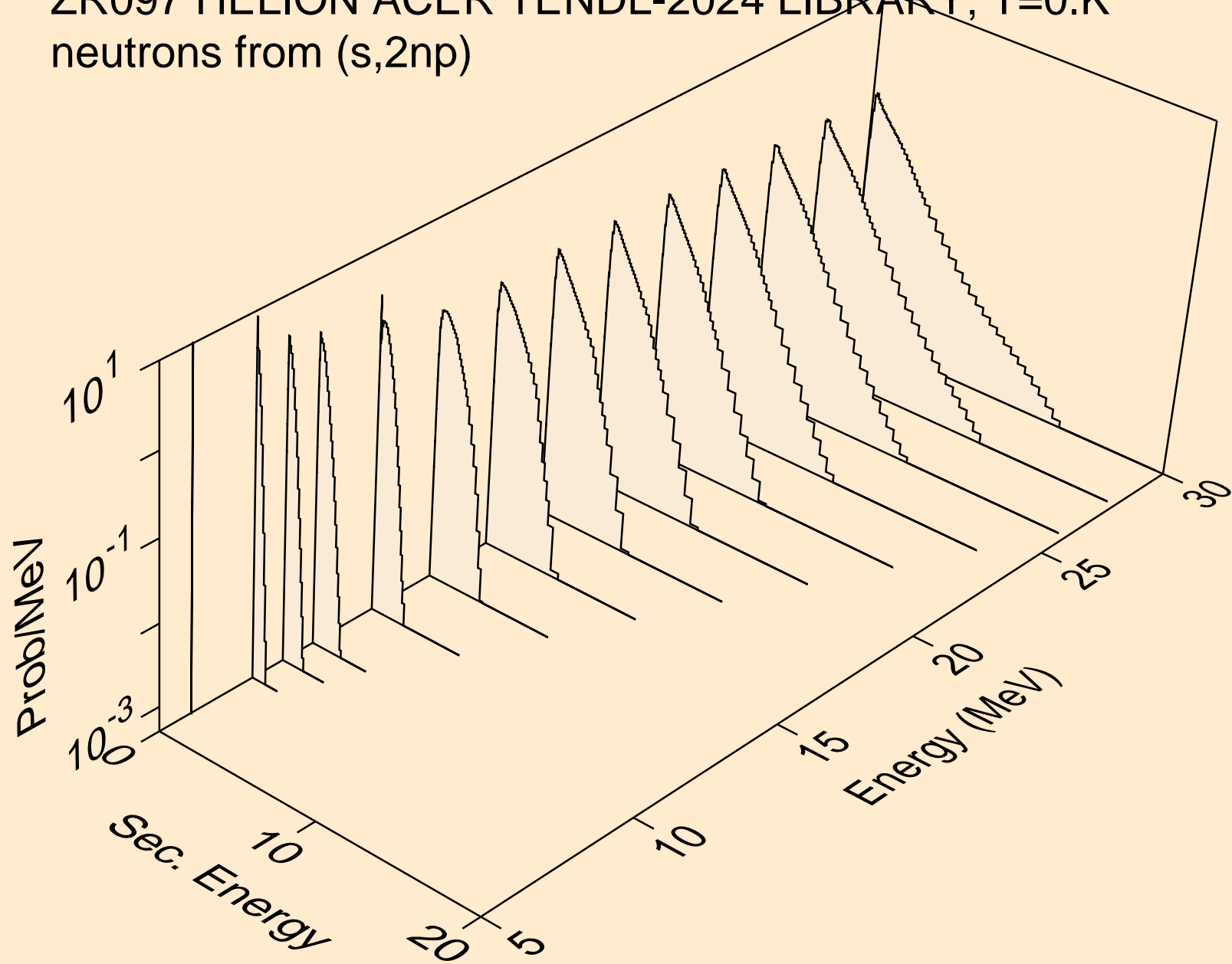
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



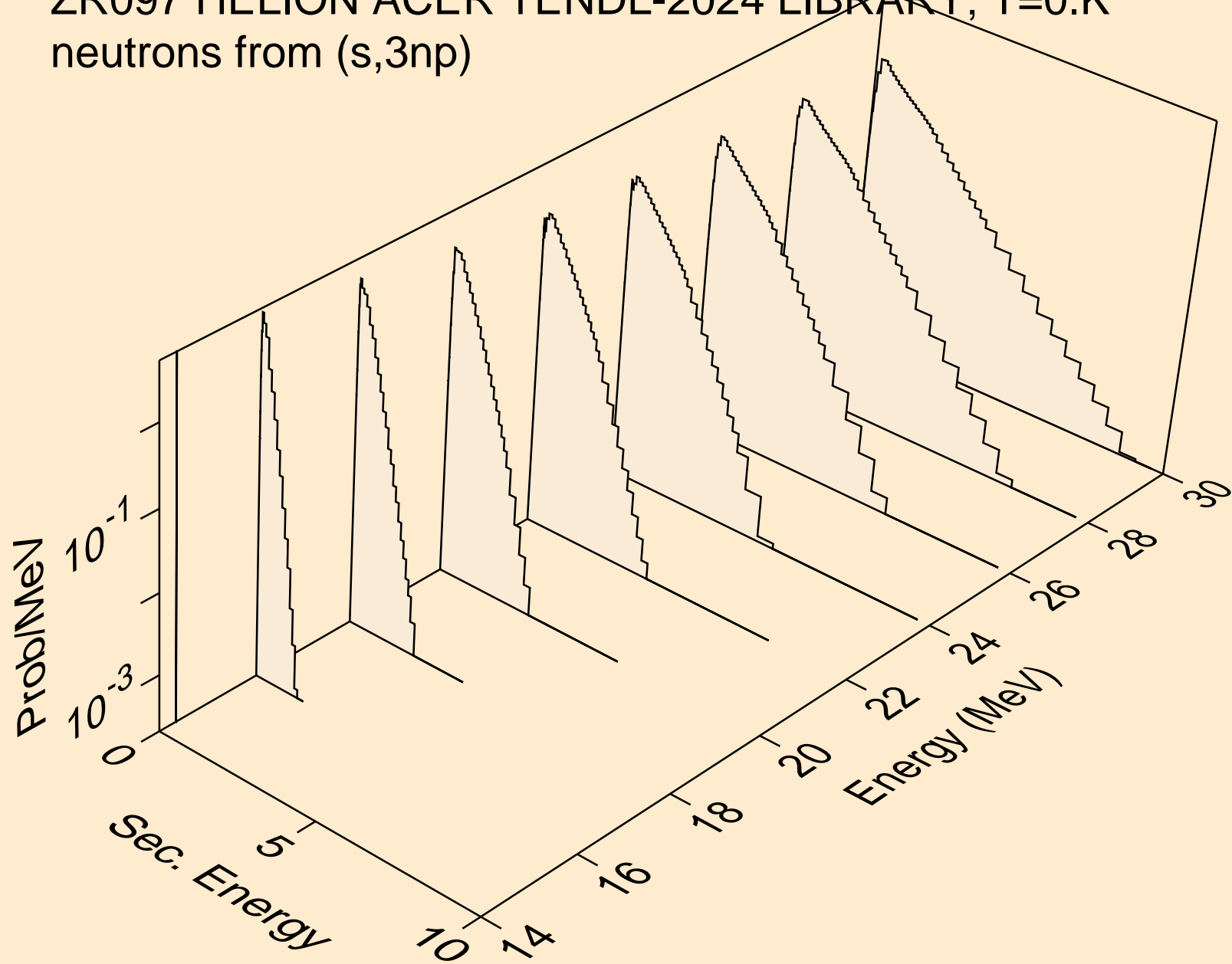
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,4n)



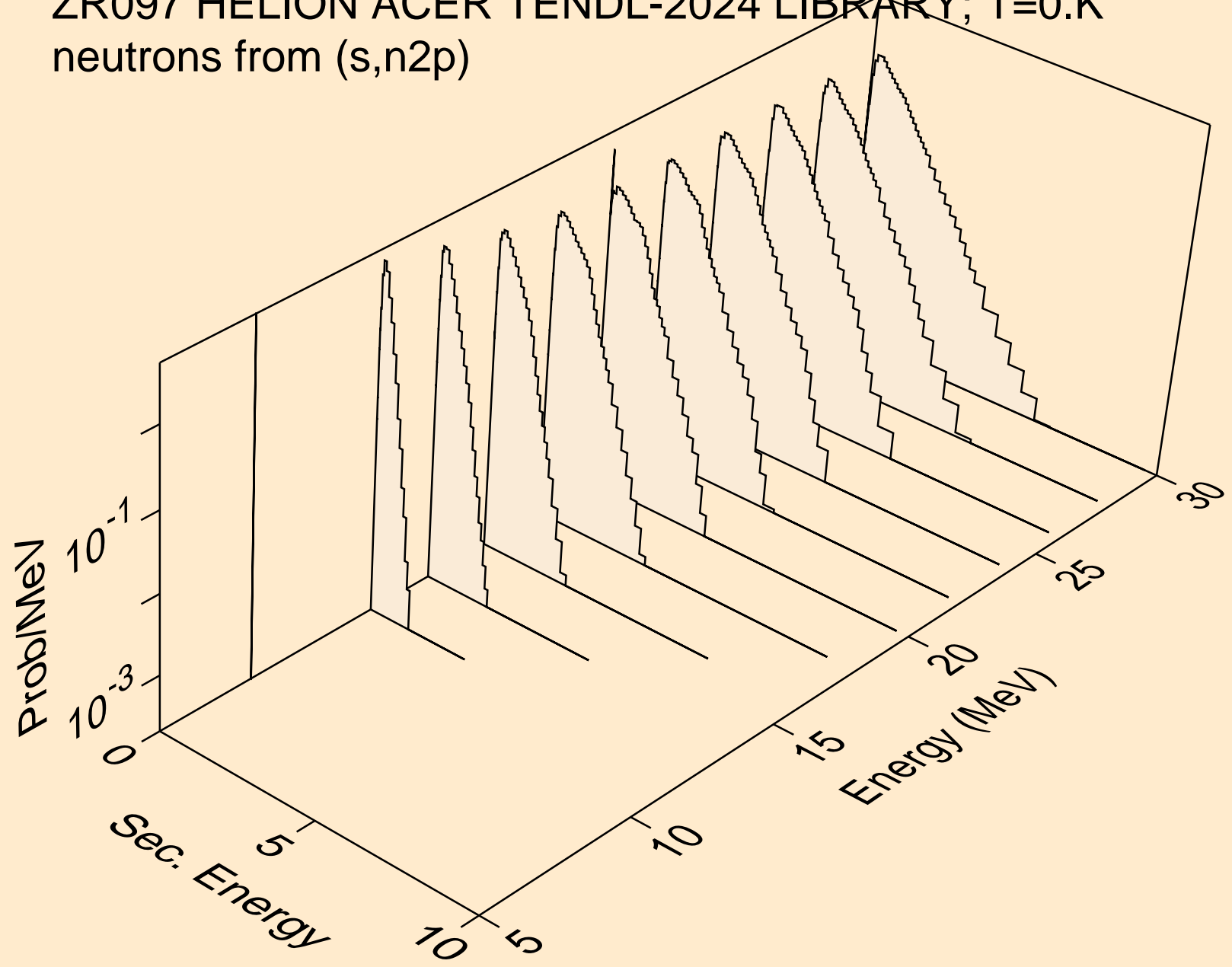
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2np)



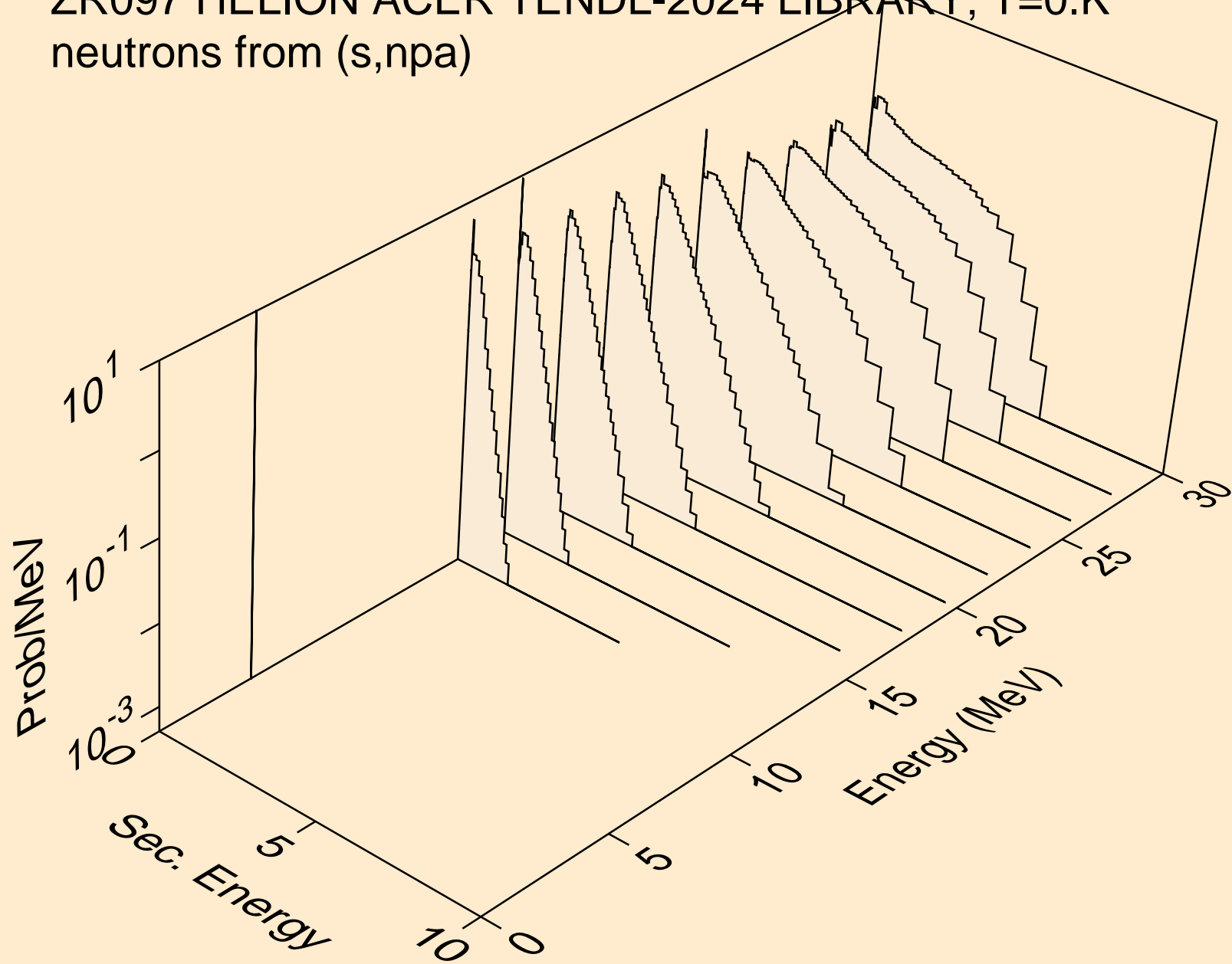
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,3np)



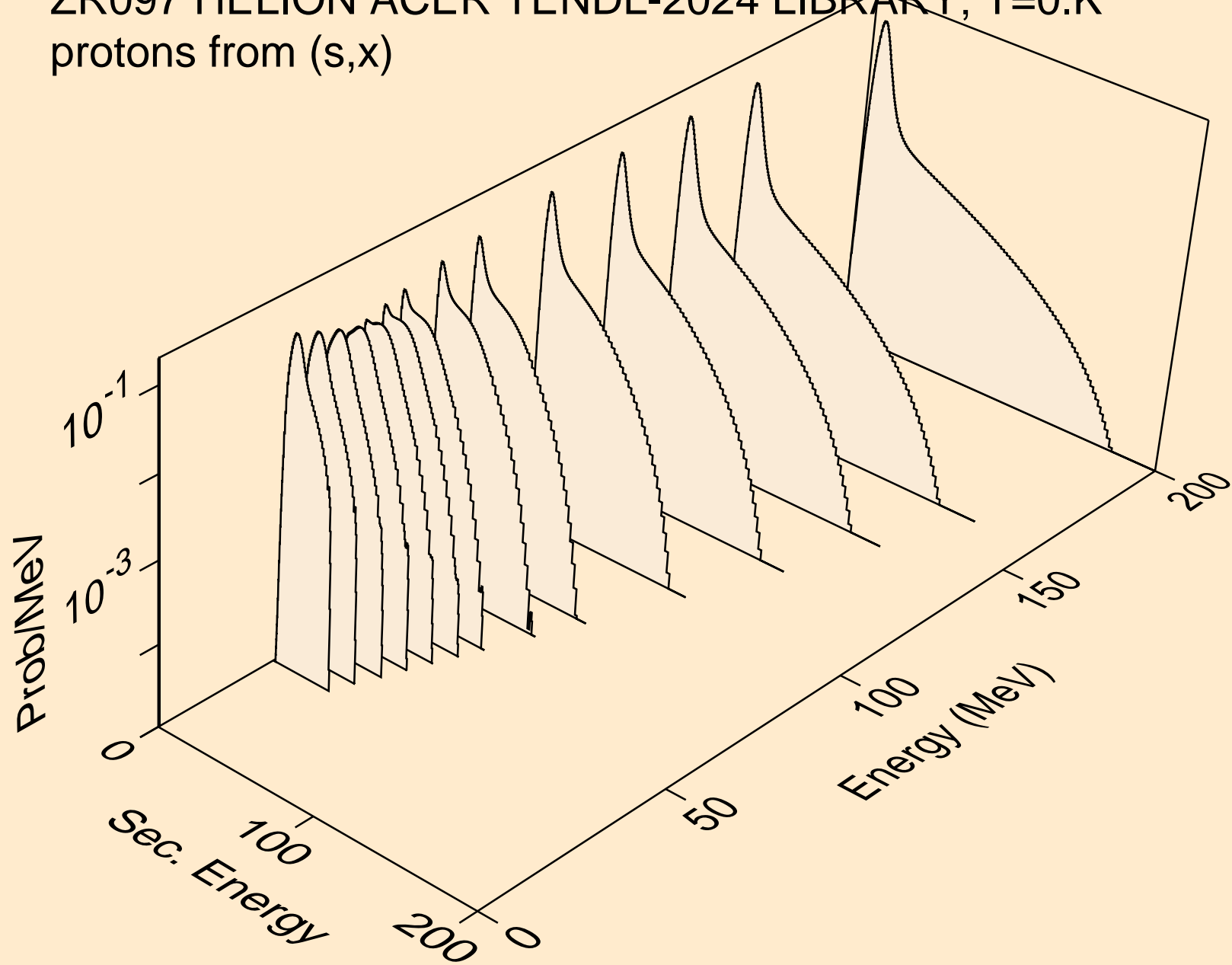
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n2p)



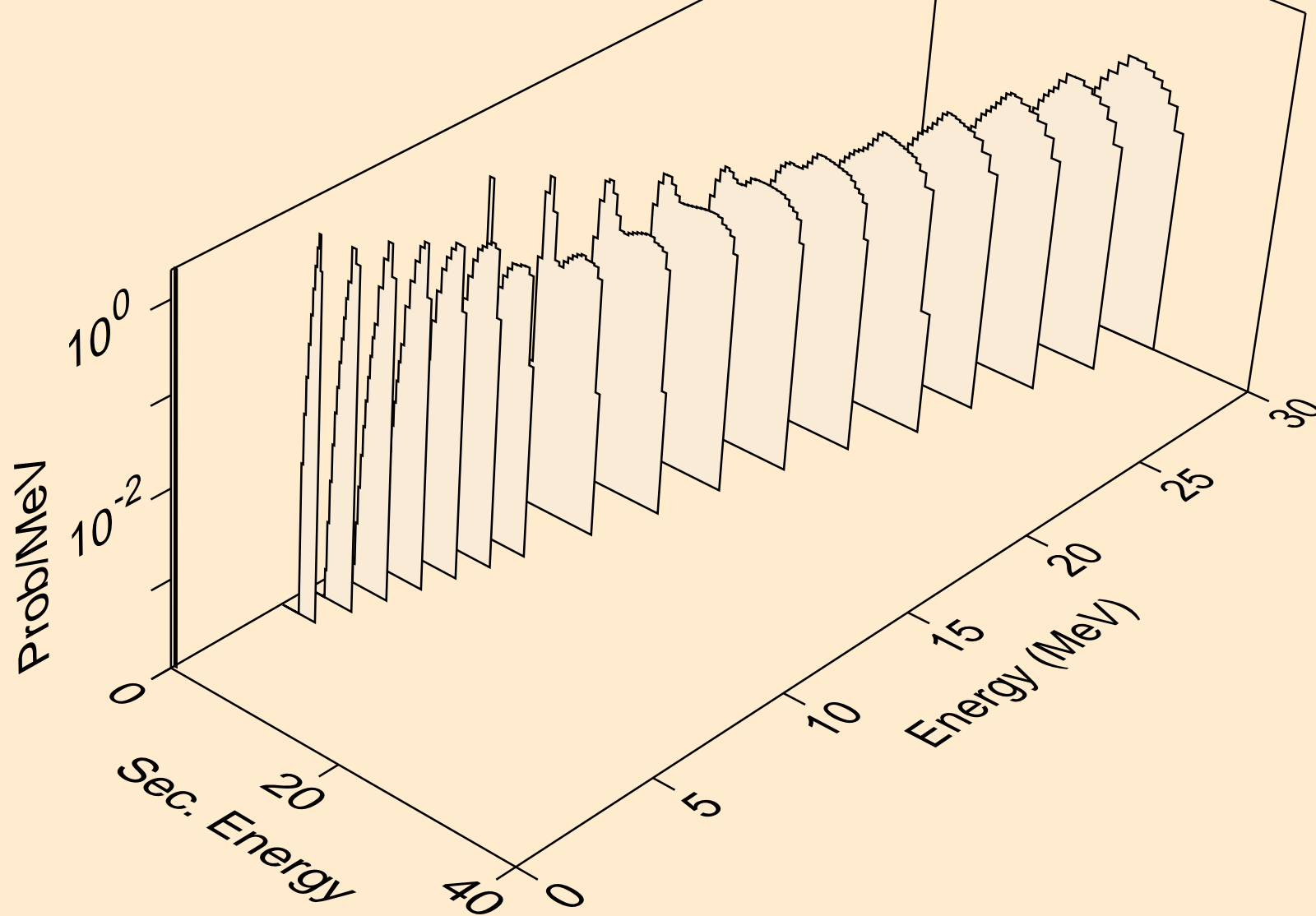
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,npa)



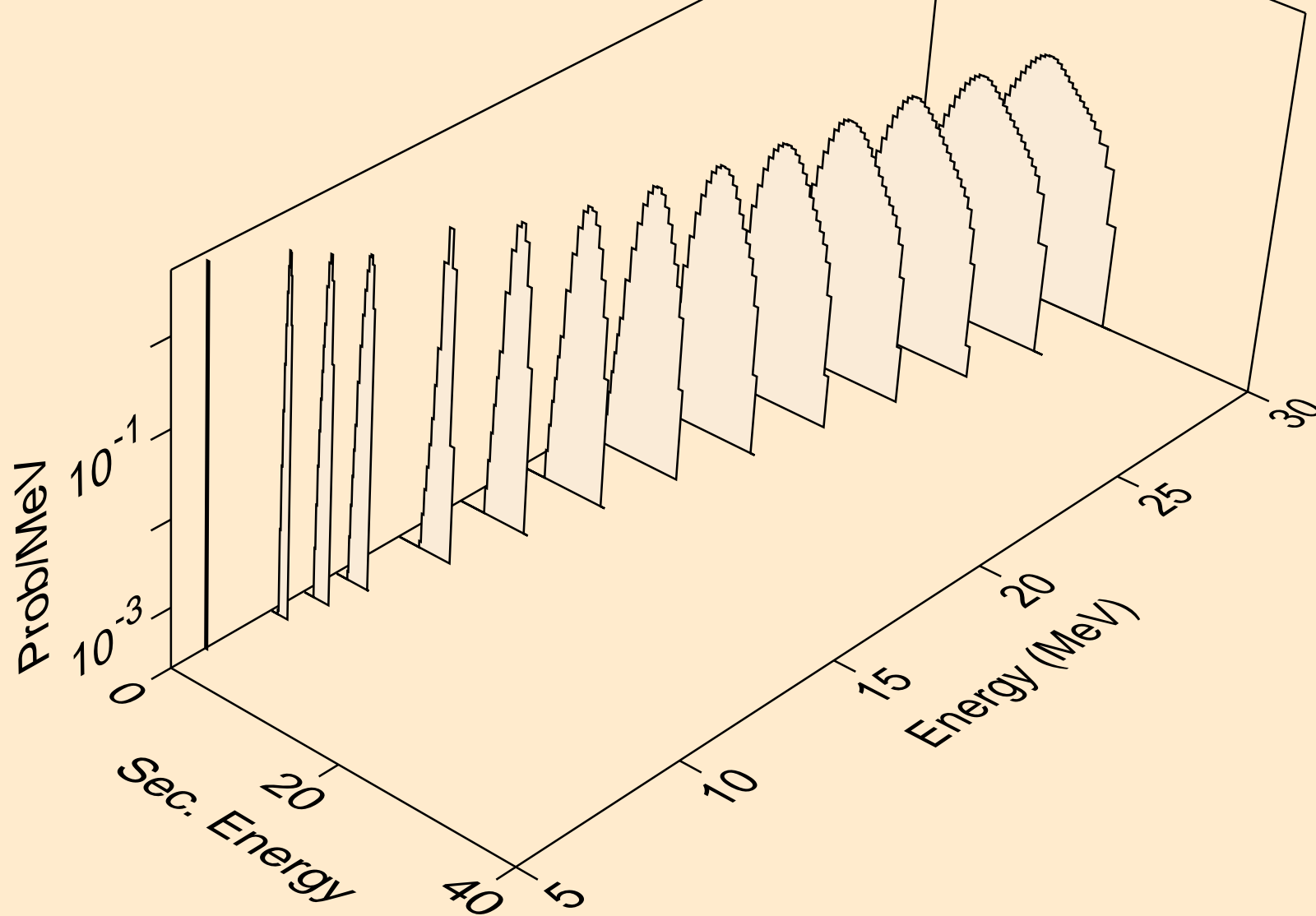
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,x)



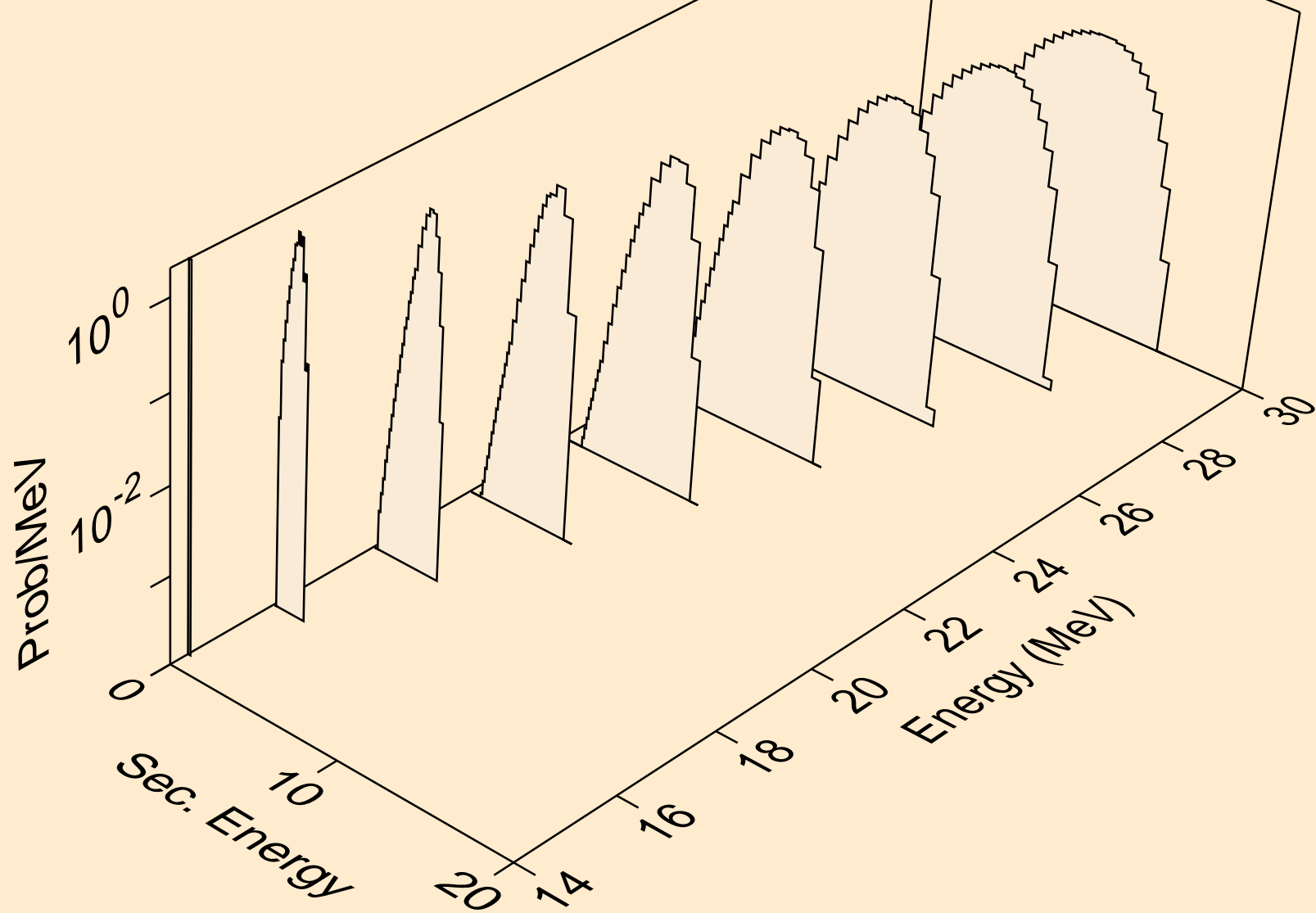
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,n\*)p



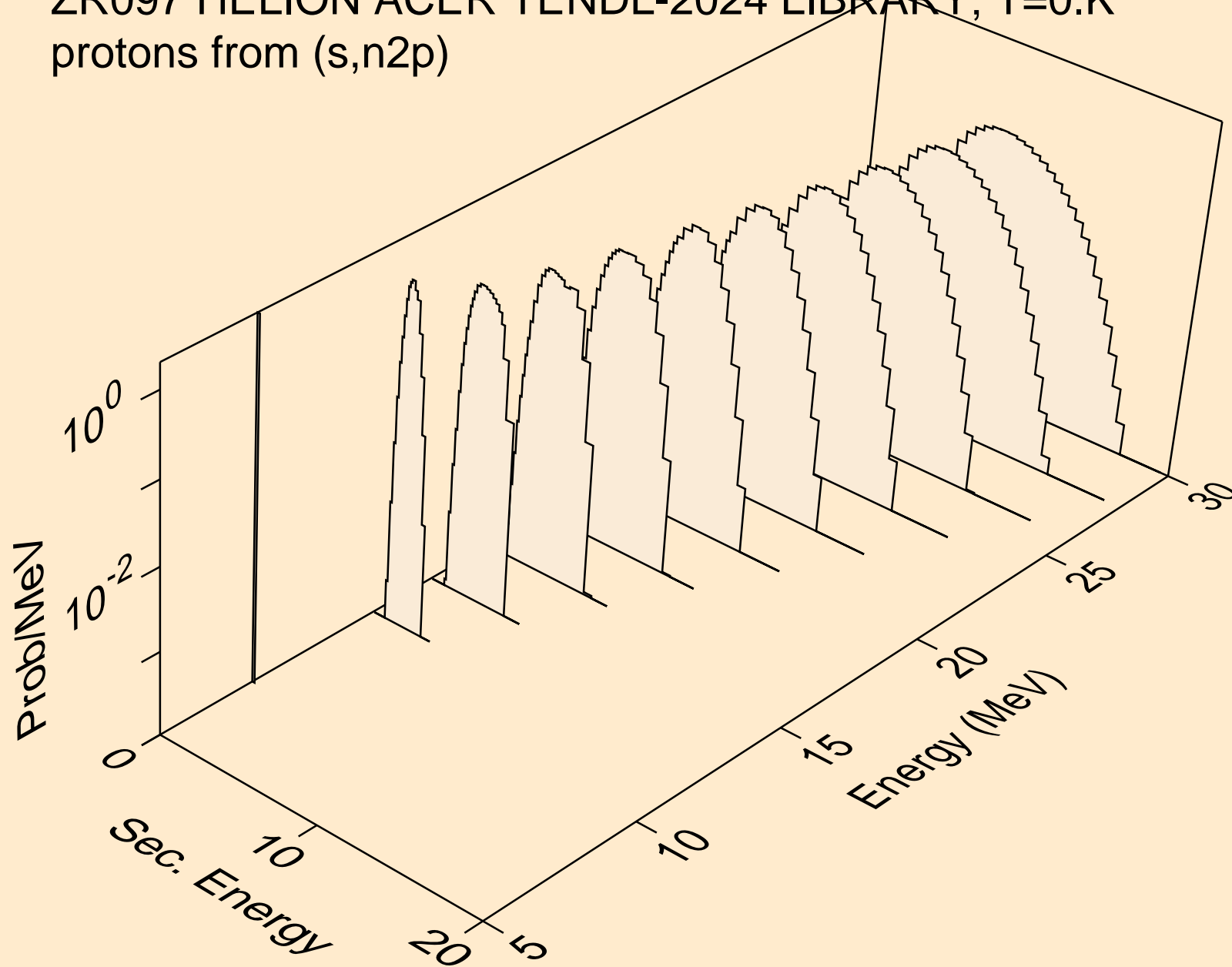
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,2np)



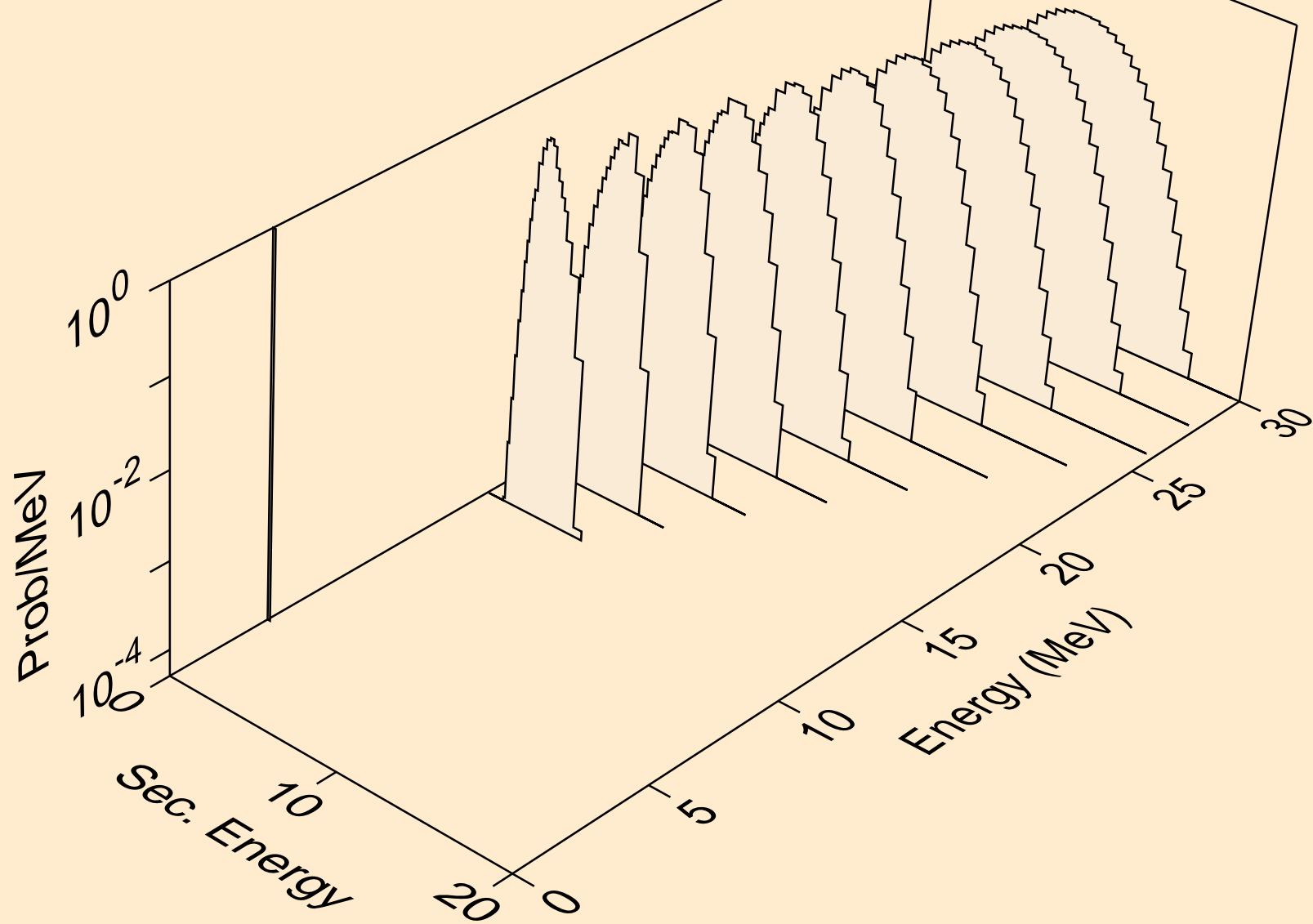
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,3np)



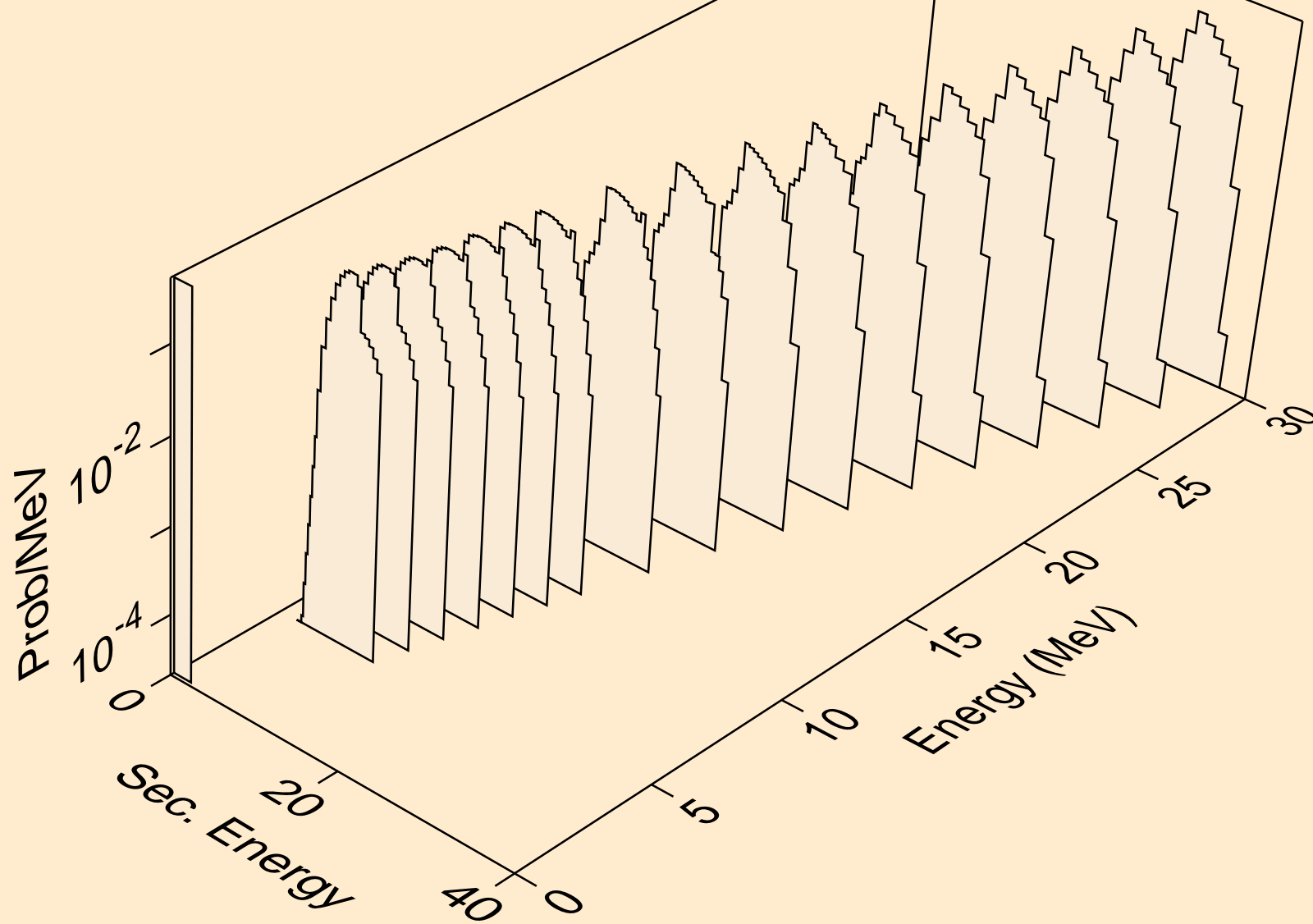
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,n2p)



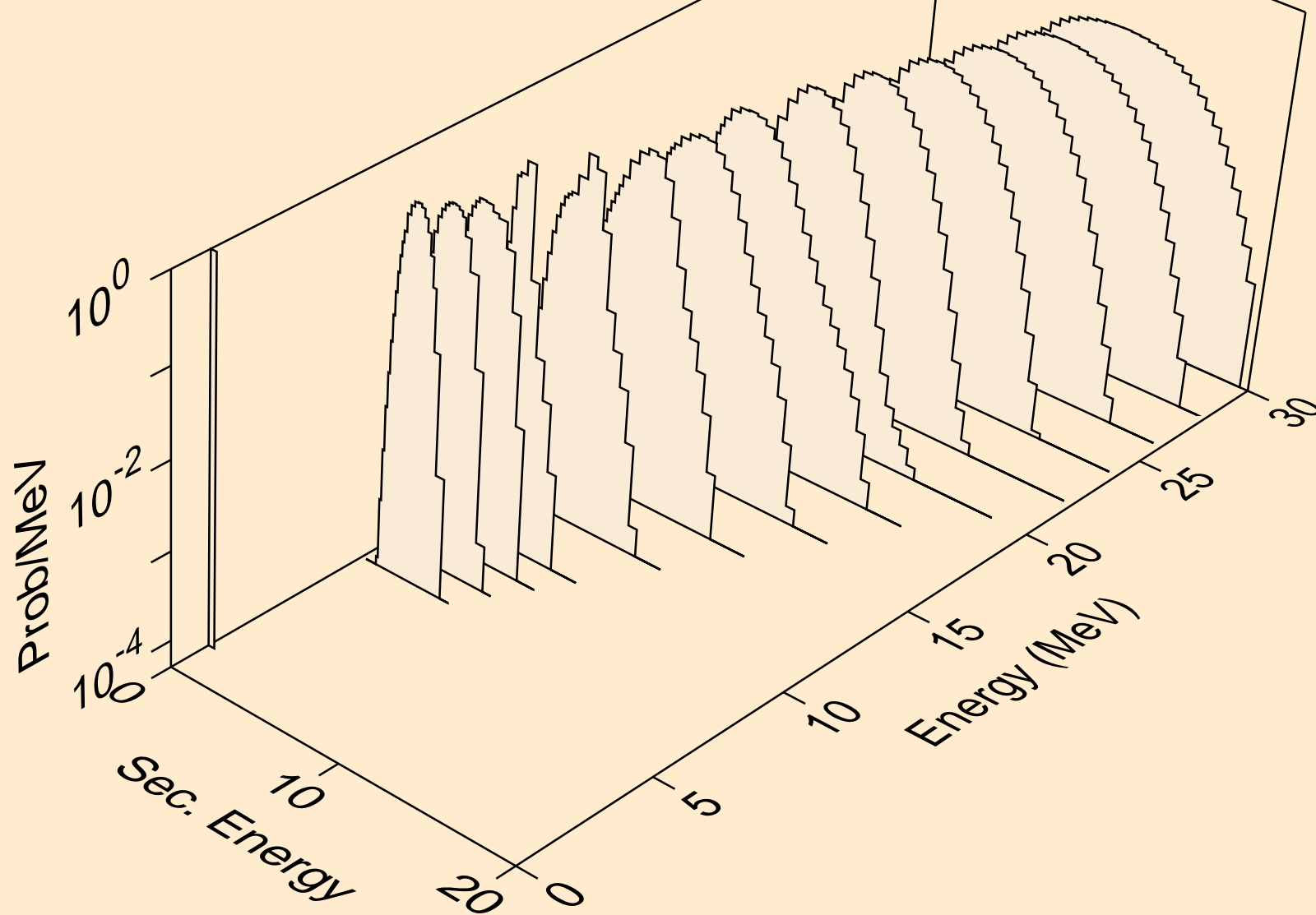
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,npa)



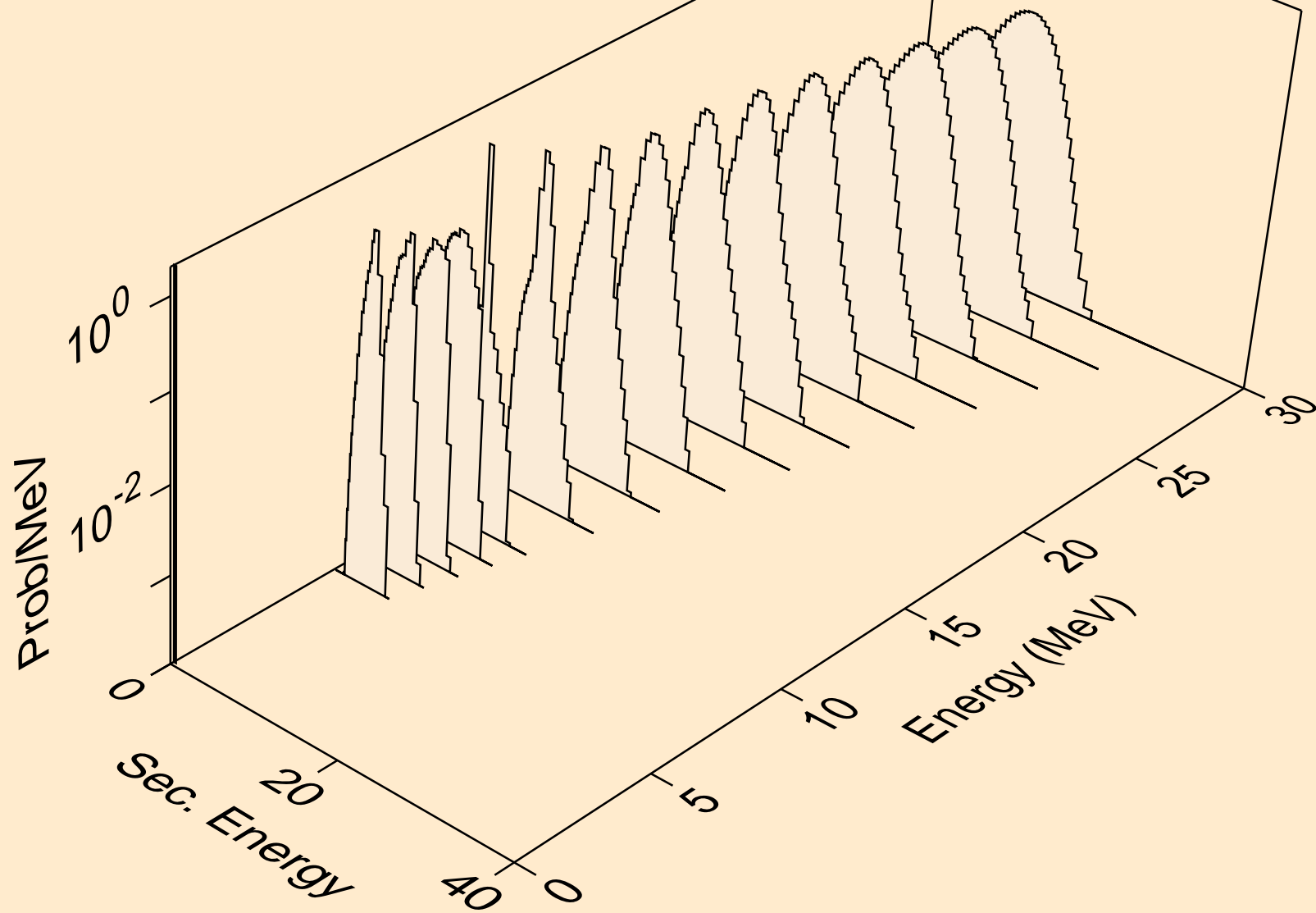
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,p)



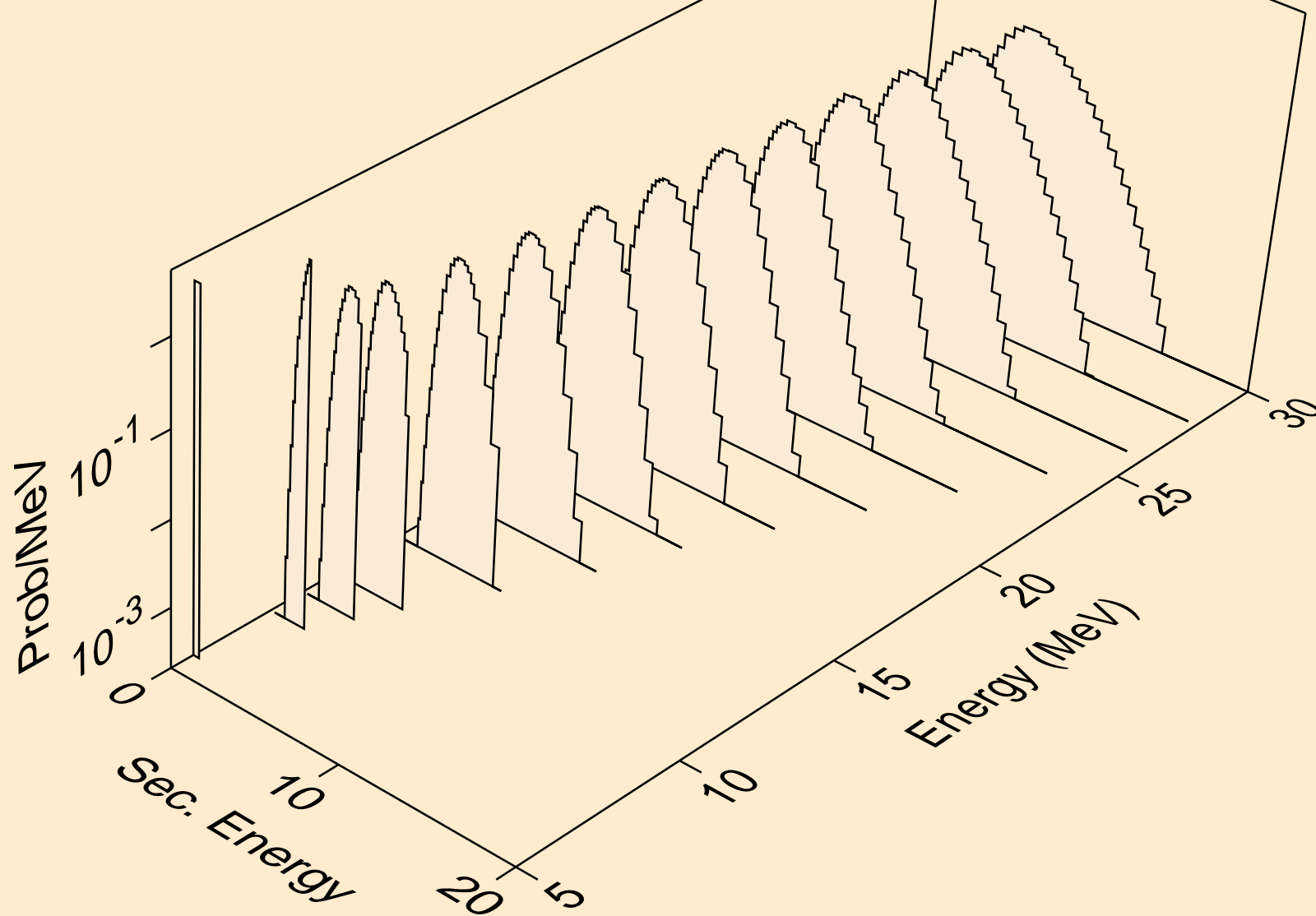
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,2p)



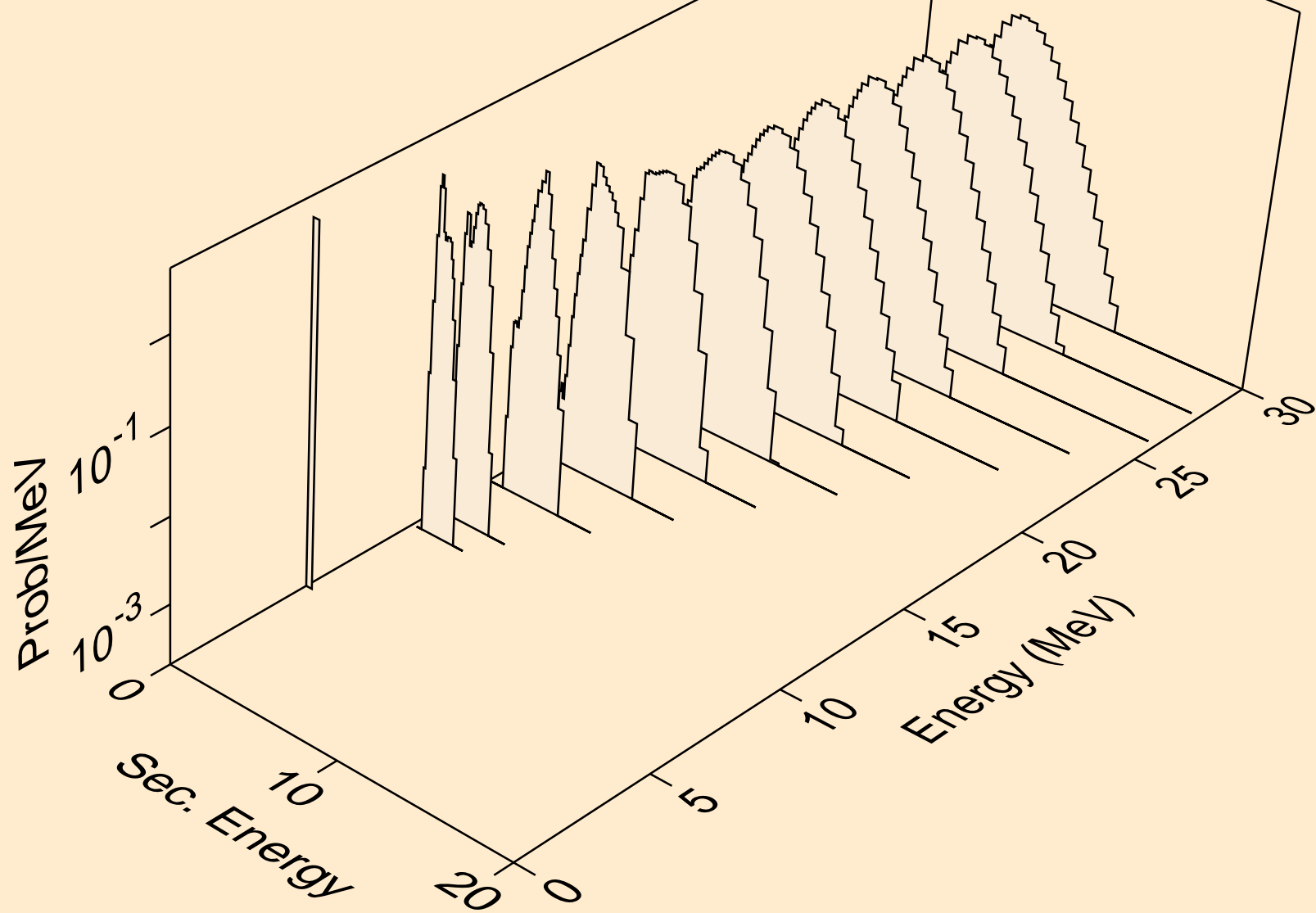
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,pa)



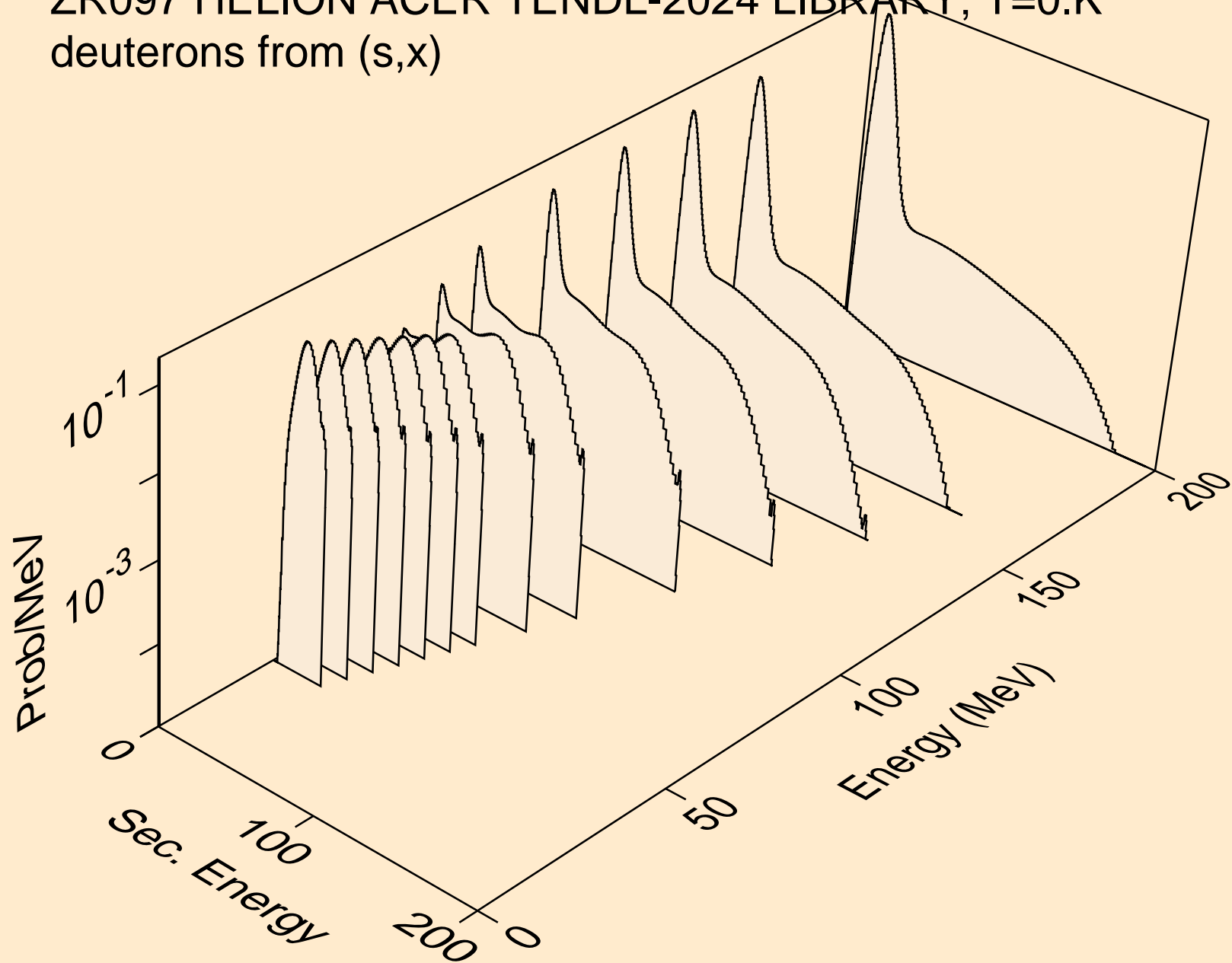
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,pd)



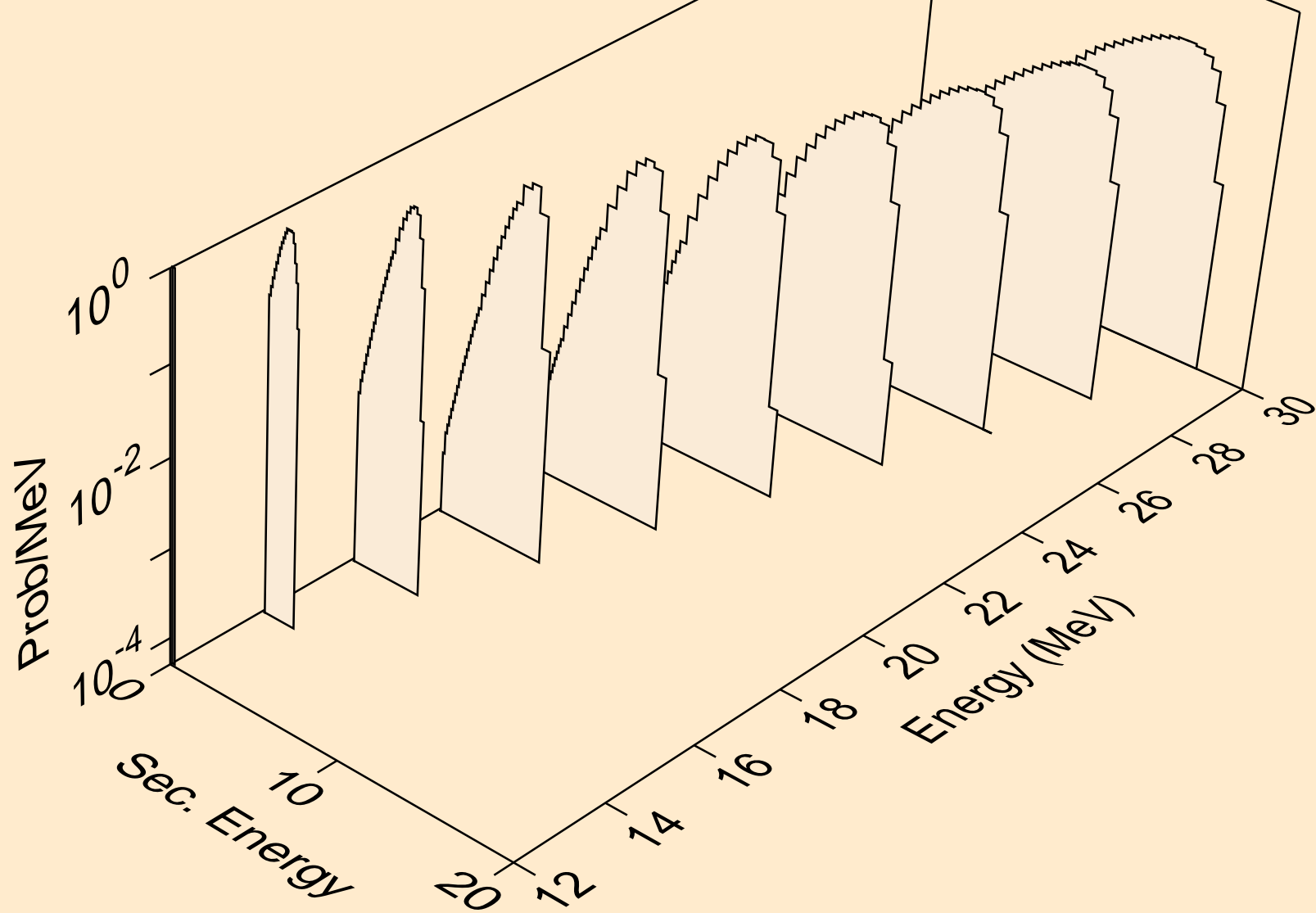
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,pt)



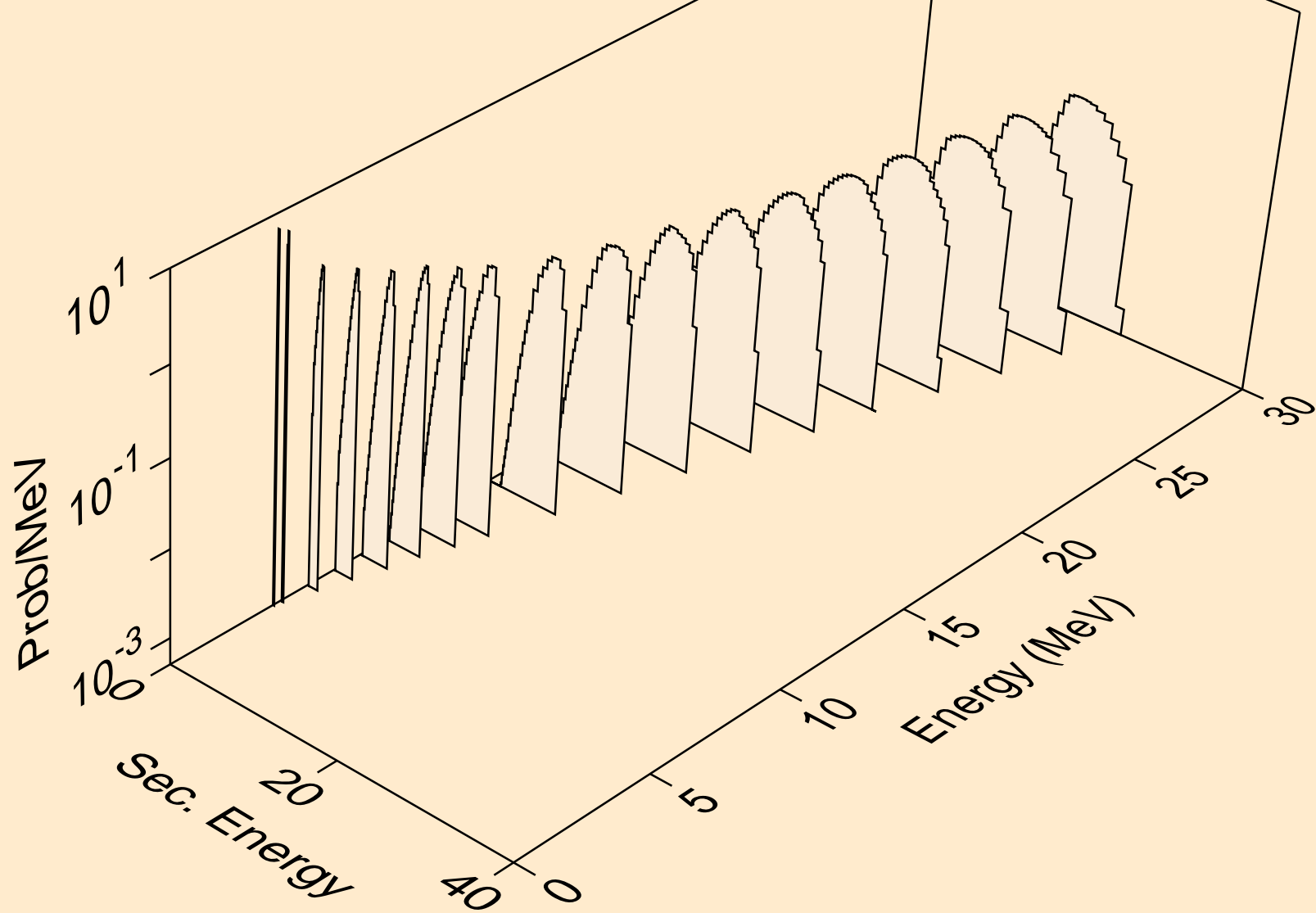
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,x)



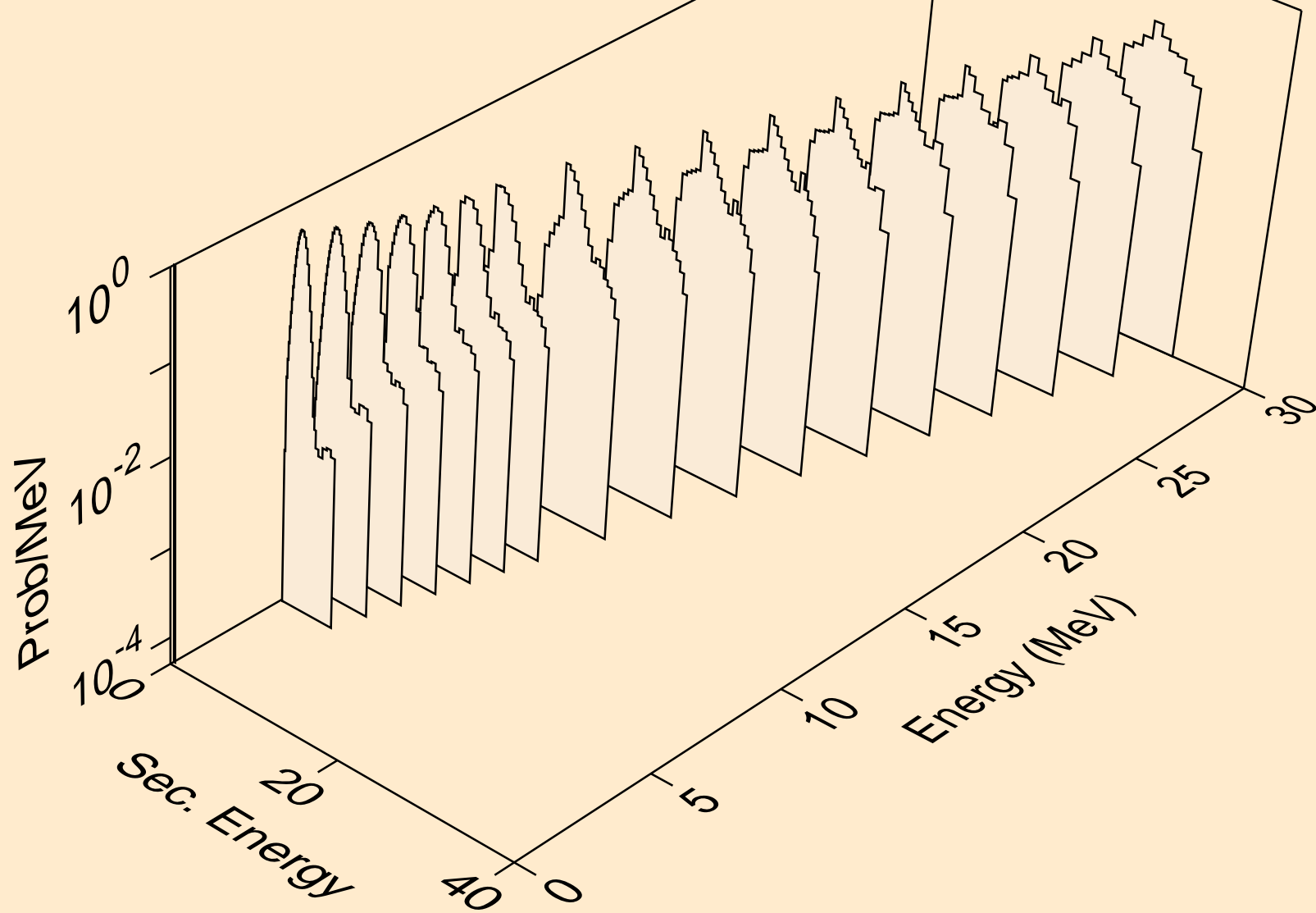
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,2nd)



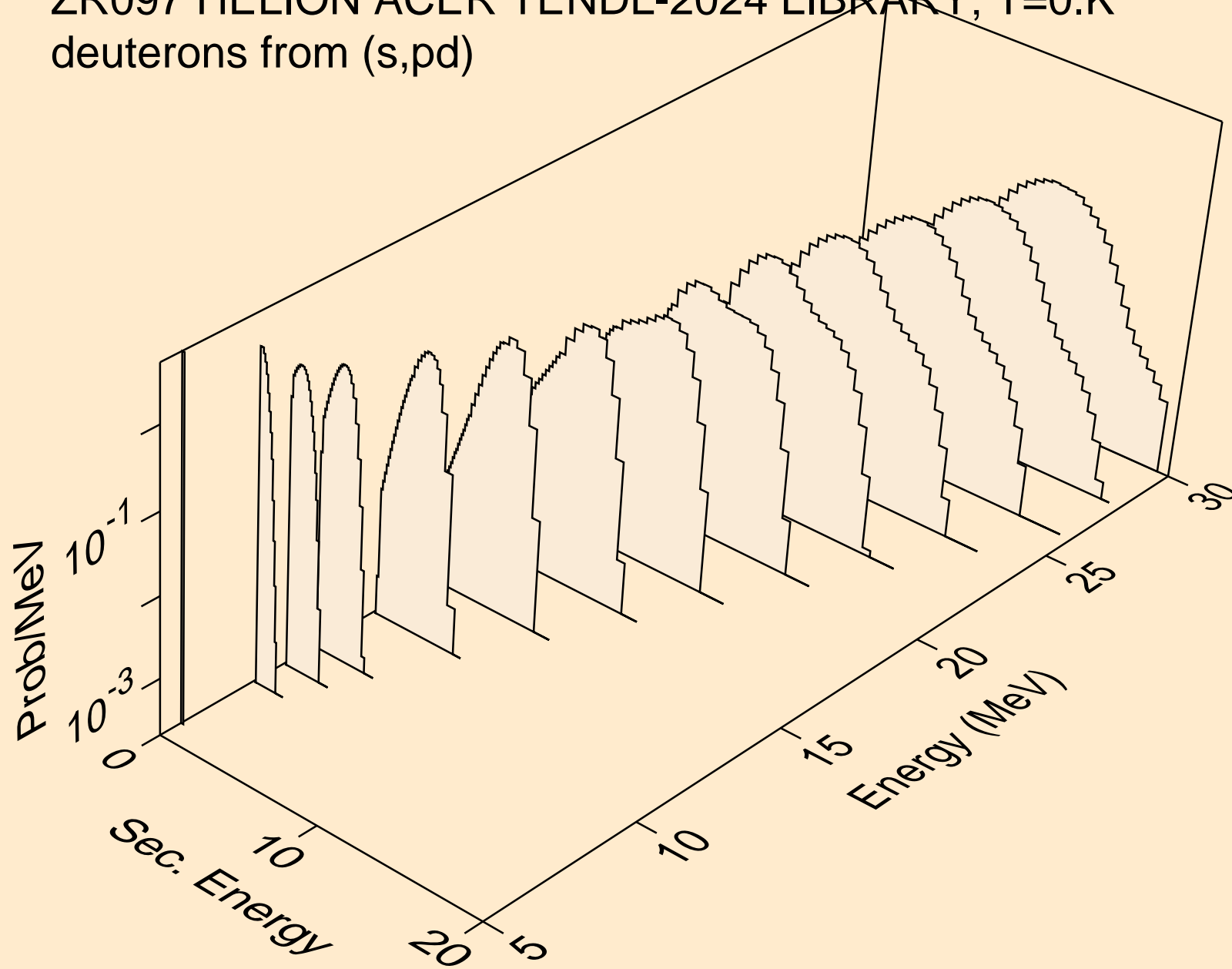
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,n\*)d



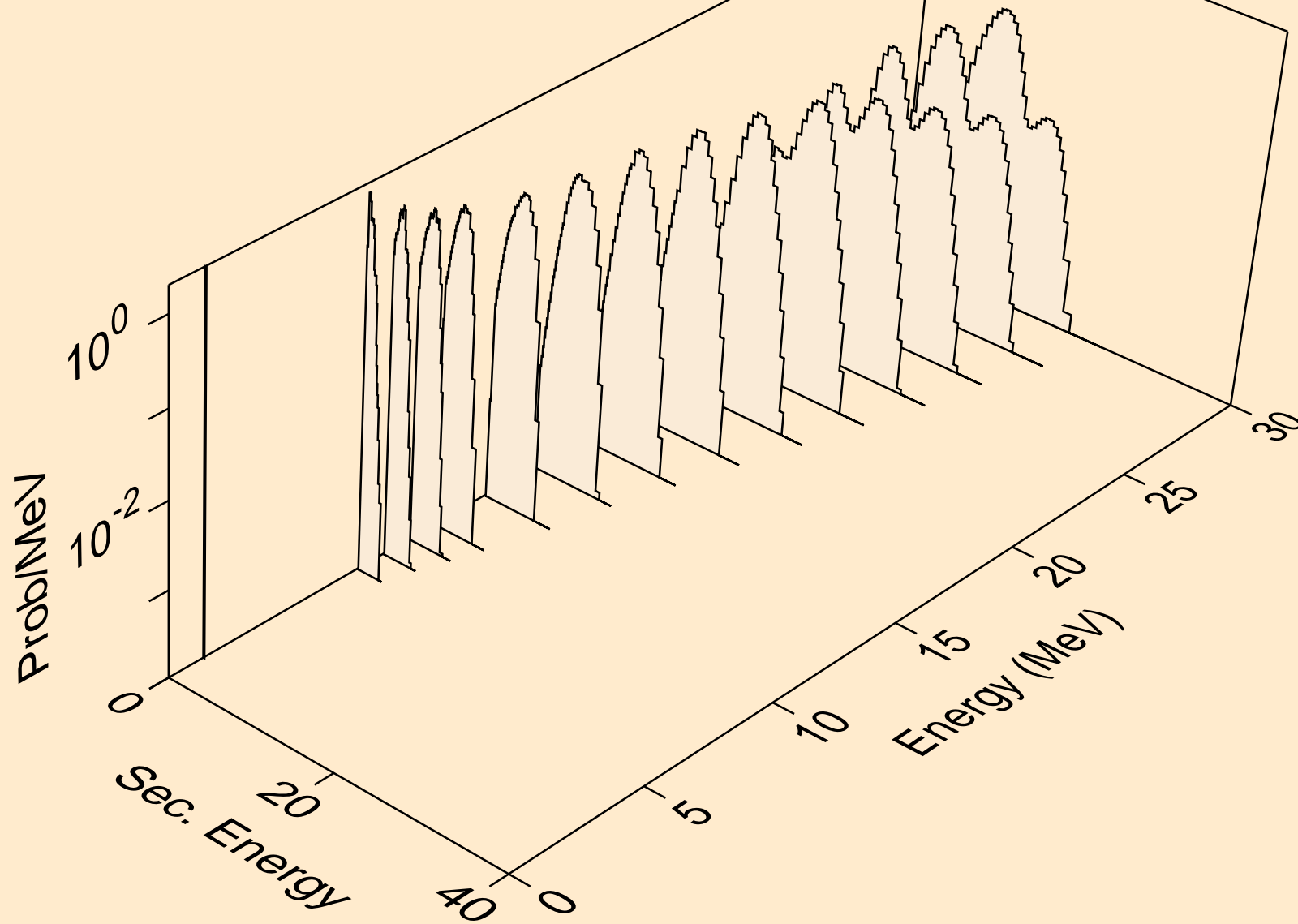
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,d)



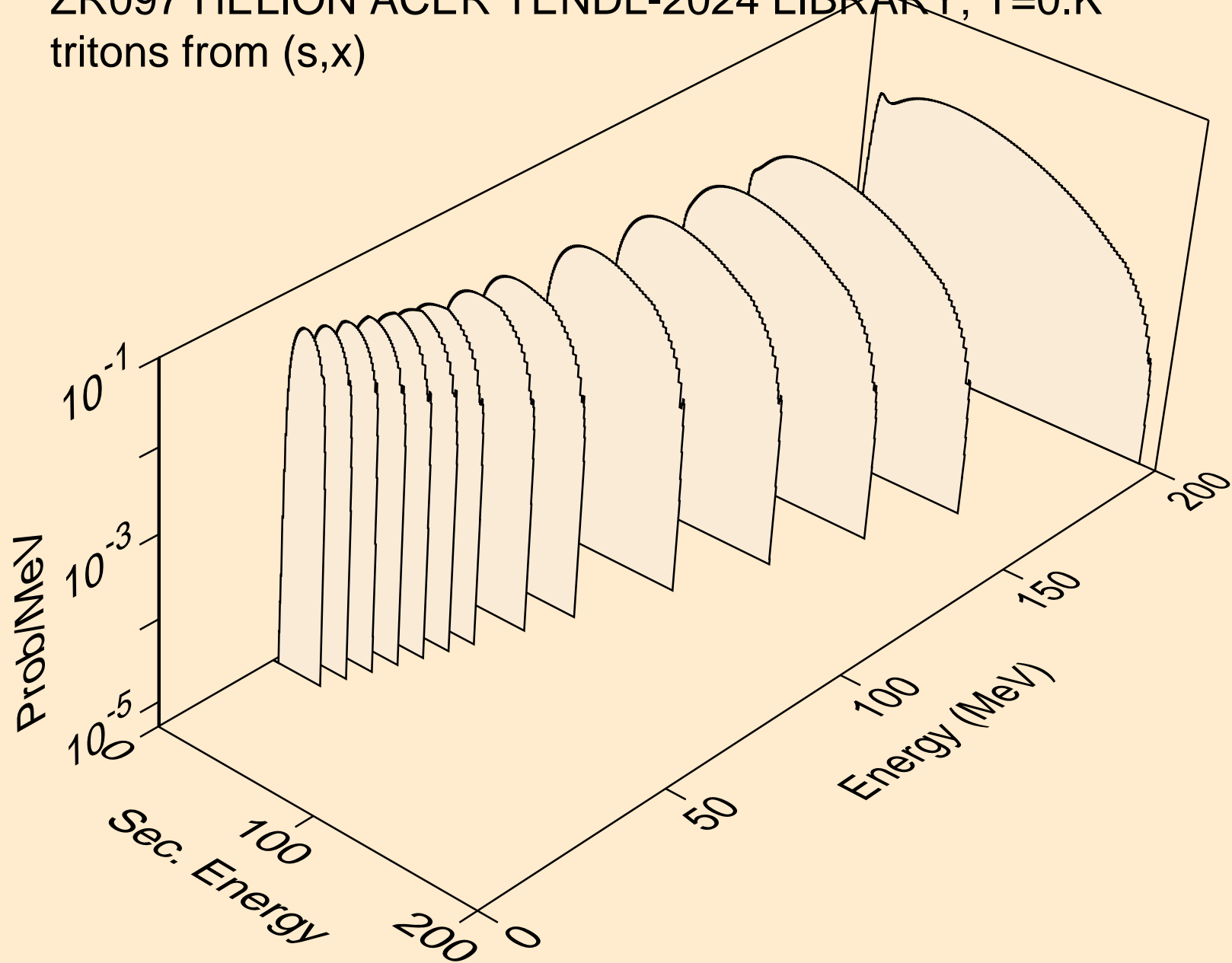
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,pd)



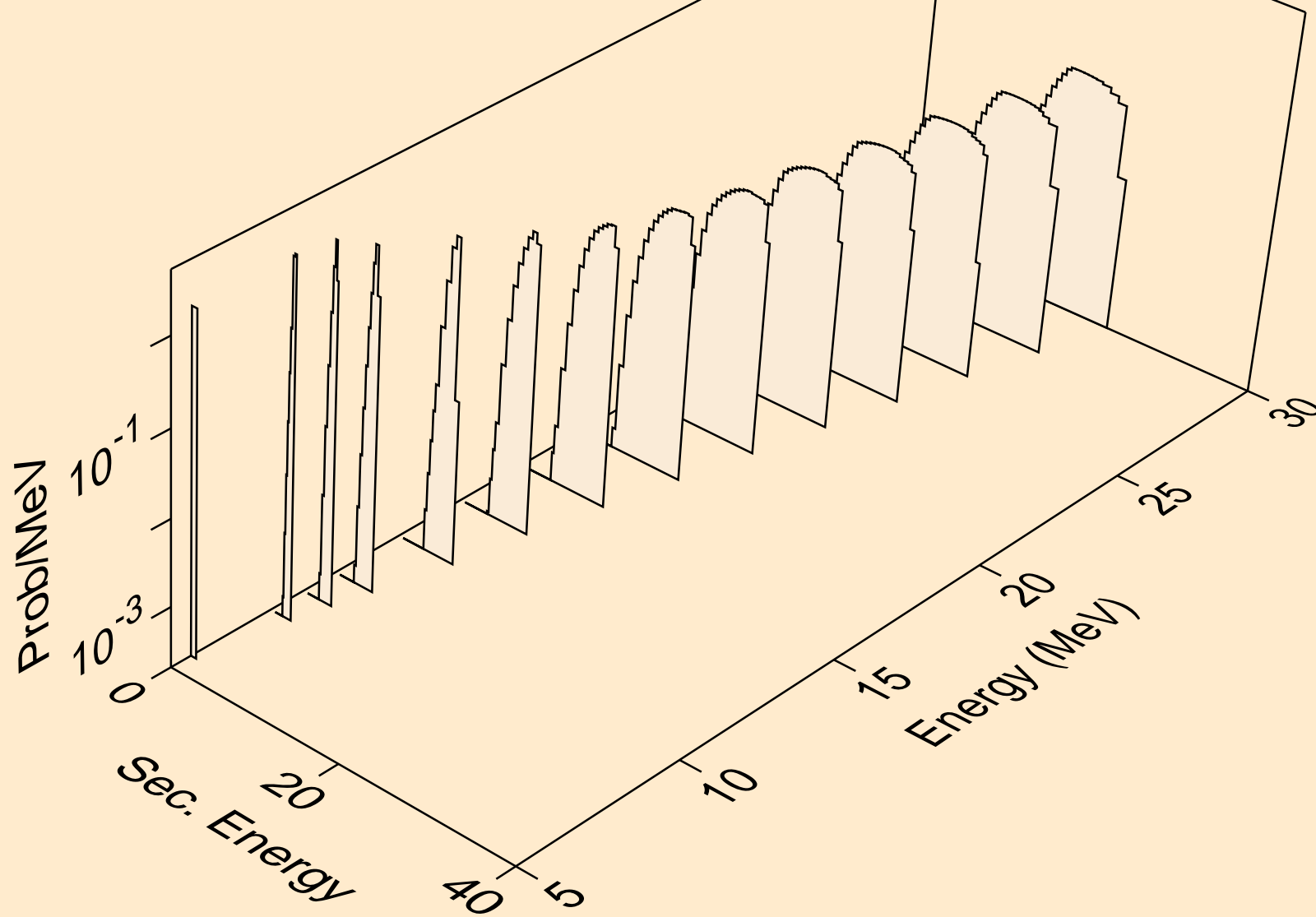
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,da)



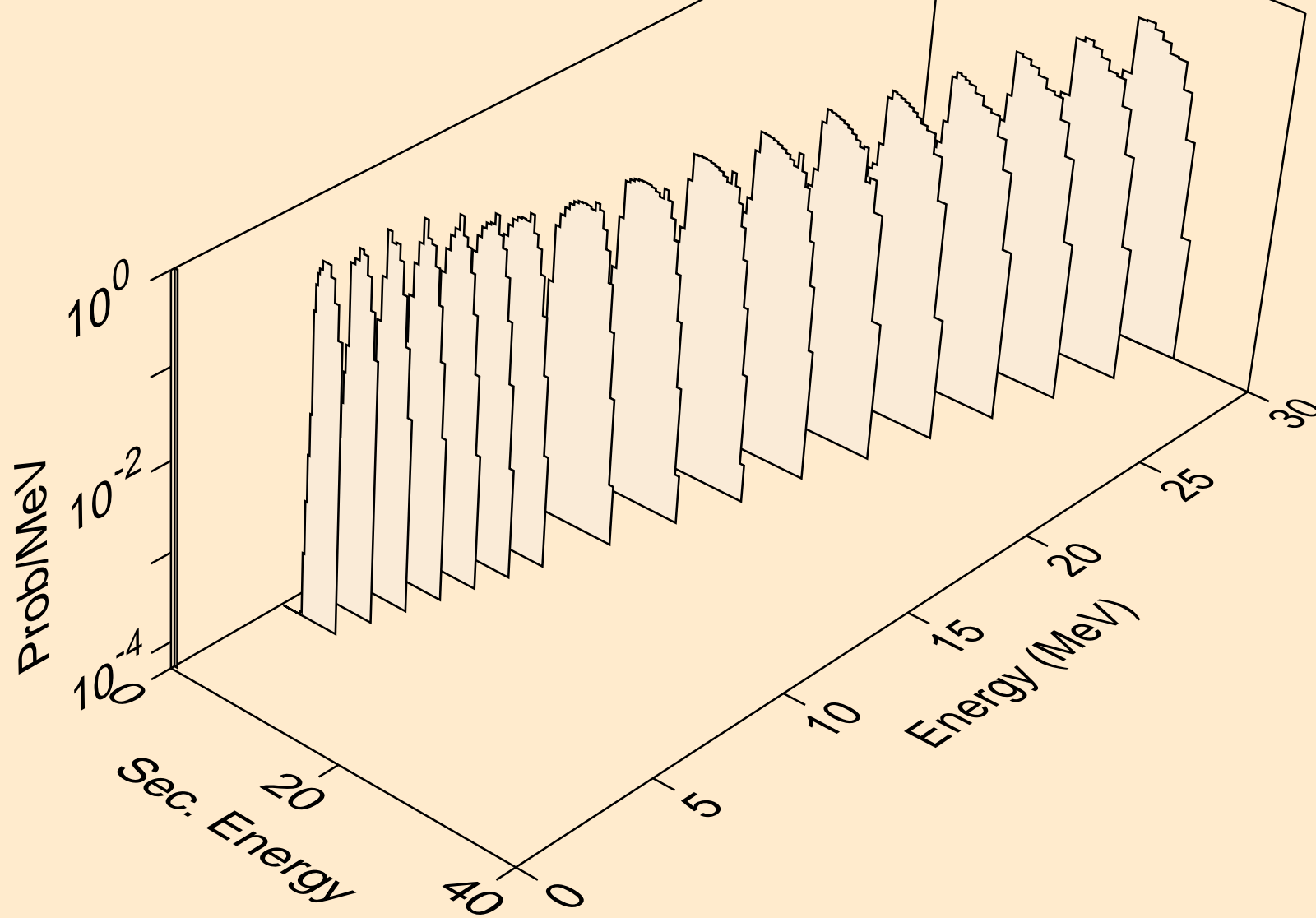
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (s,x)



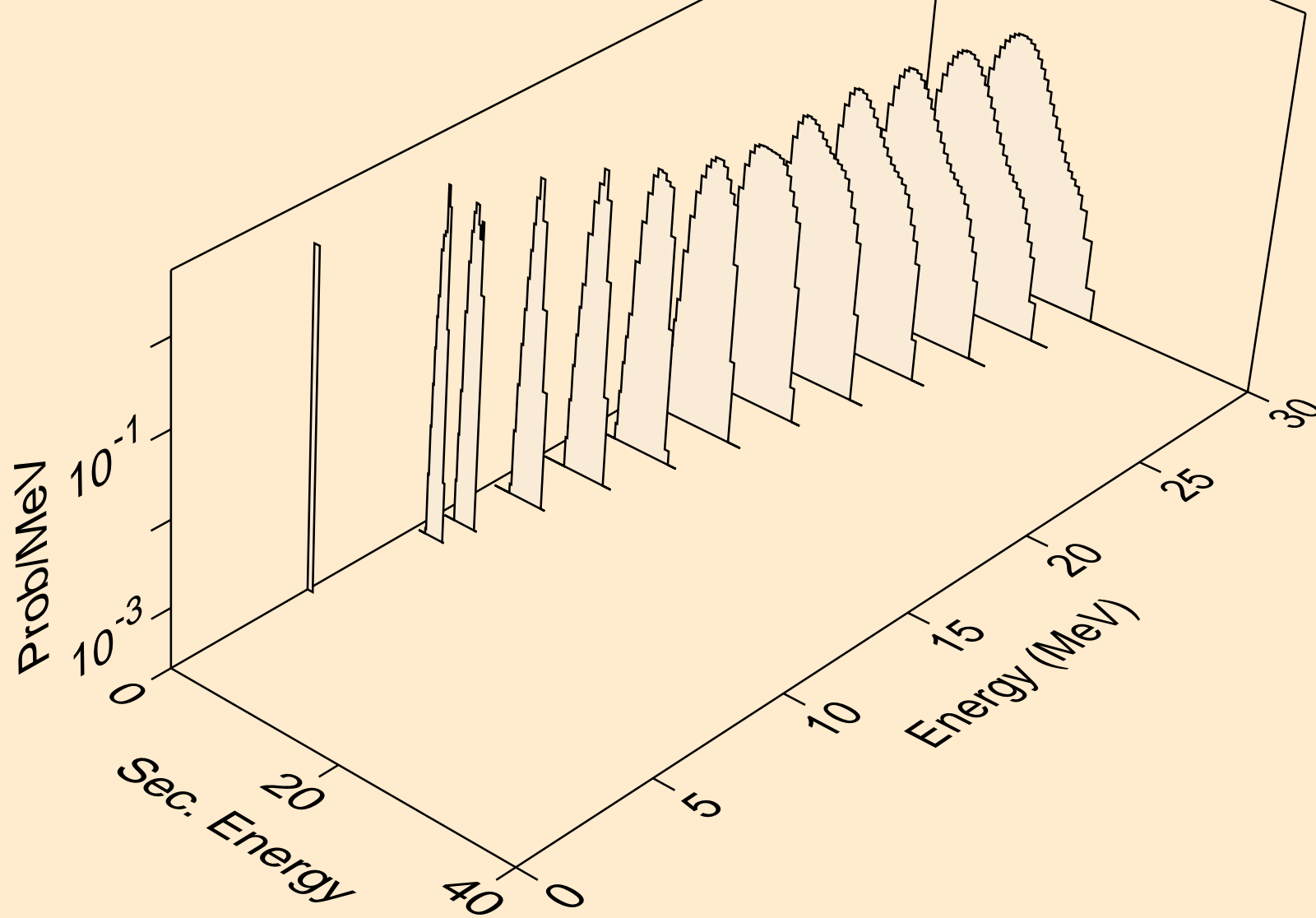
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (s,n\*)t



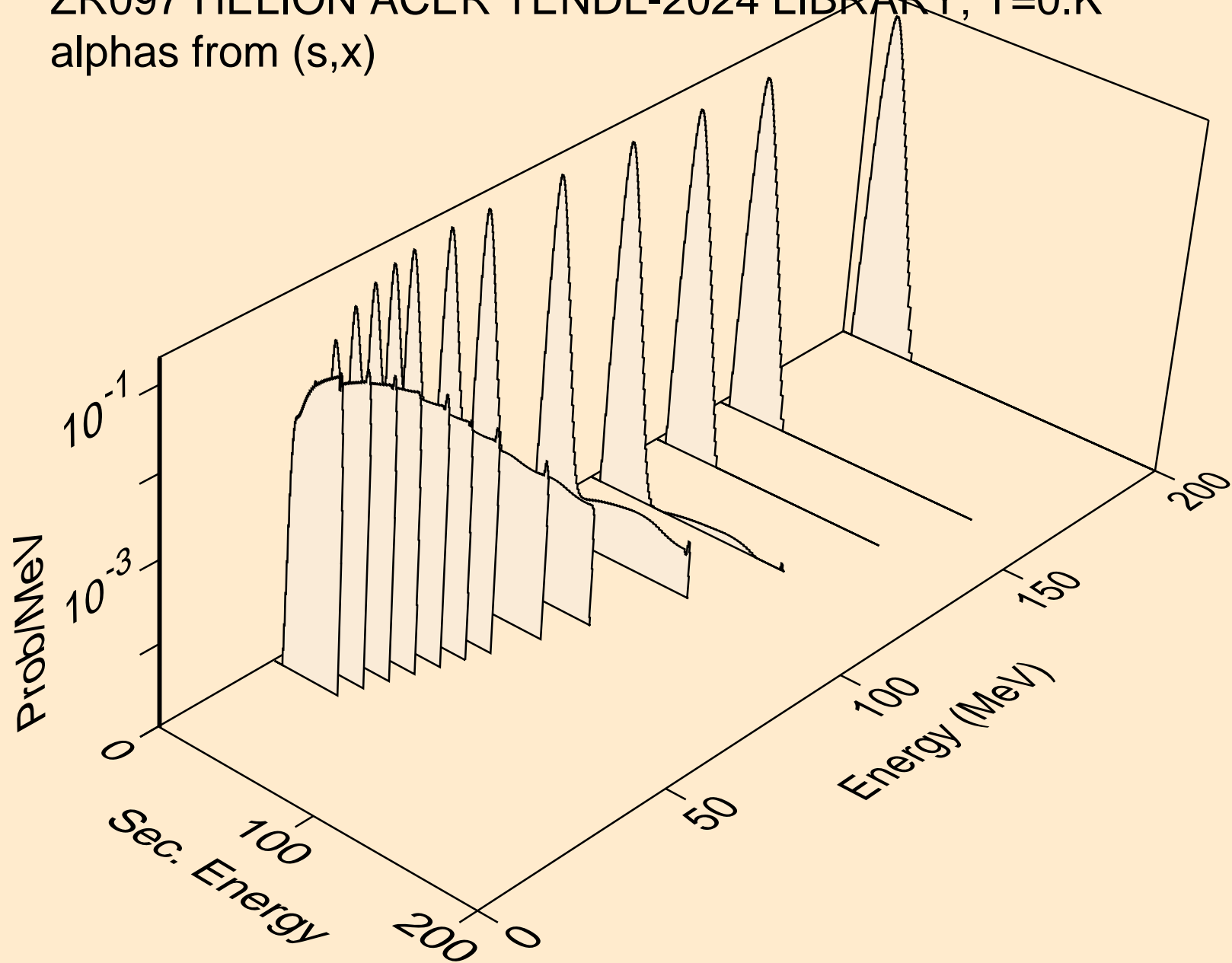
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (s,t)



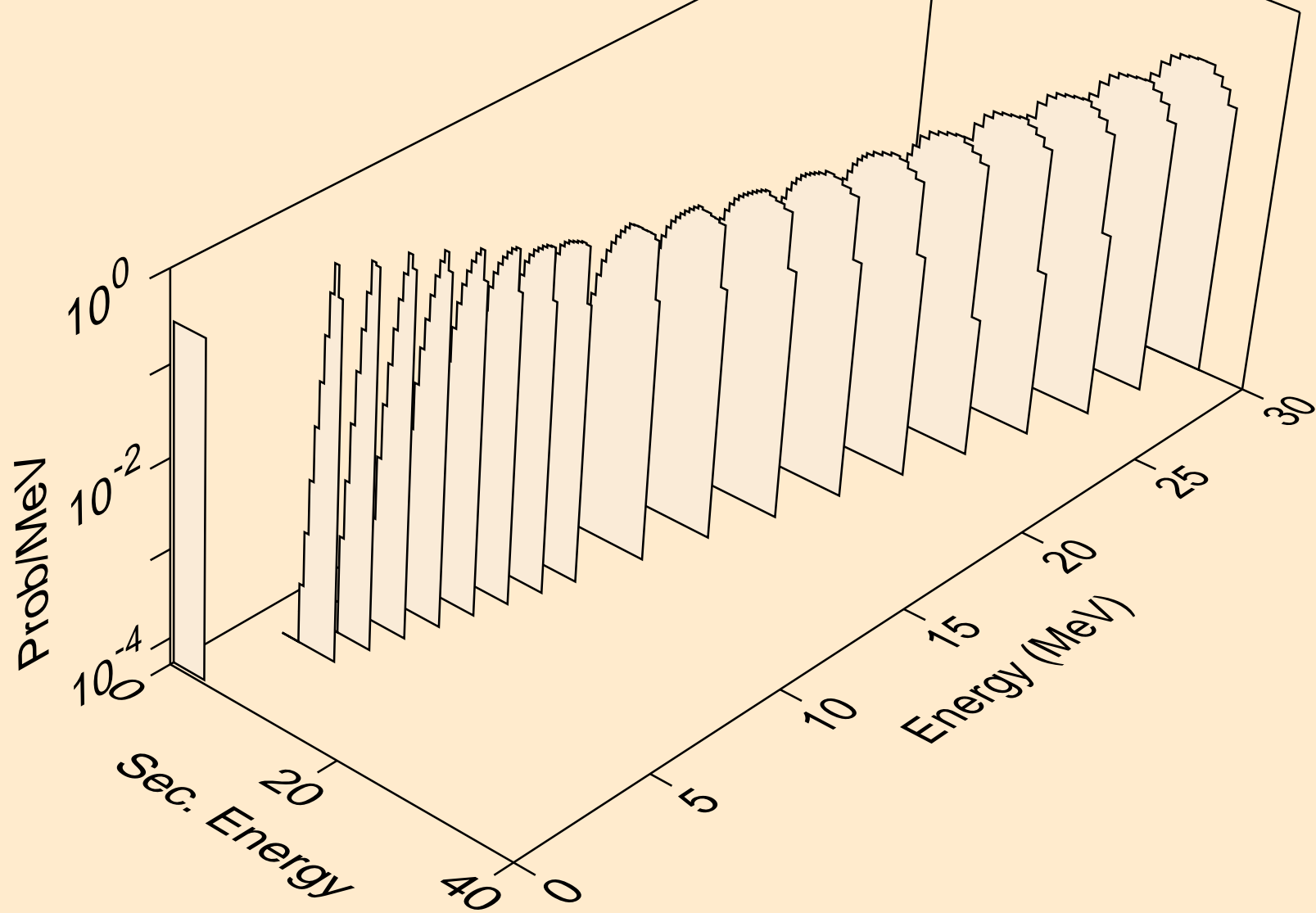
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (s,pt)



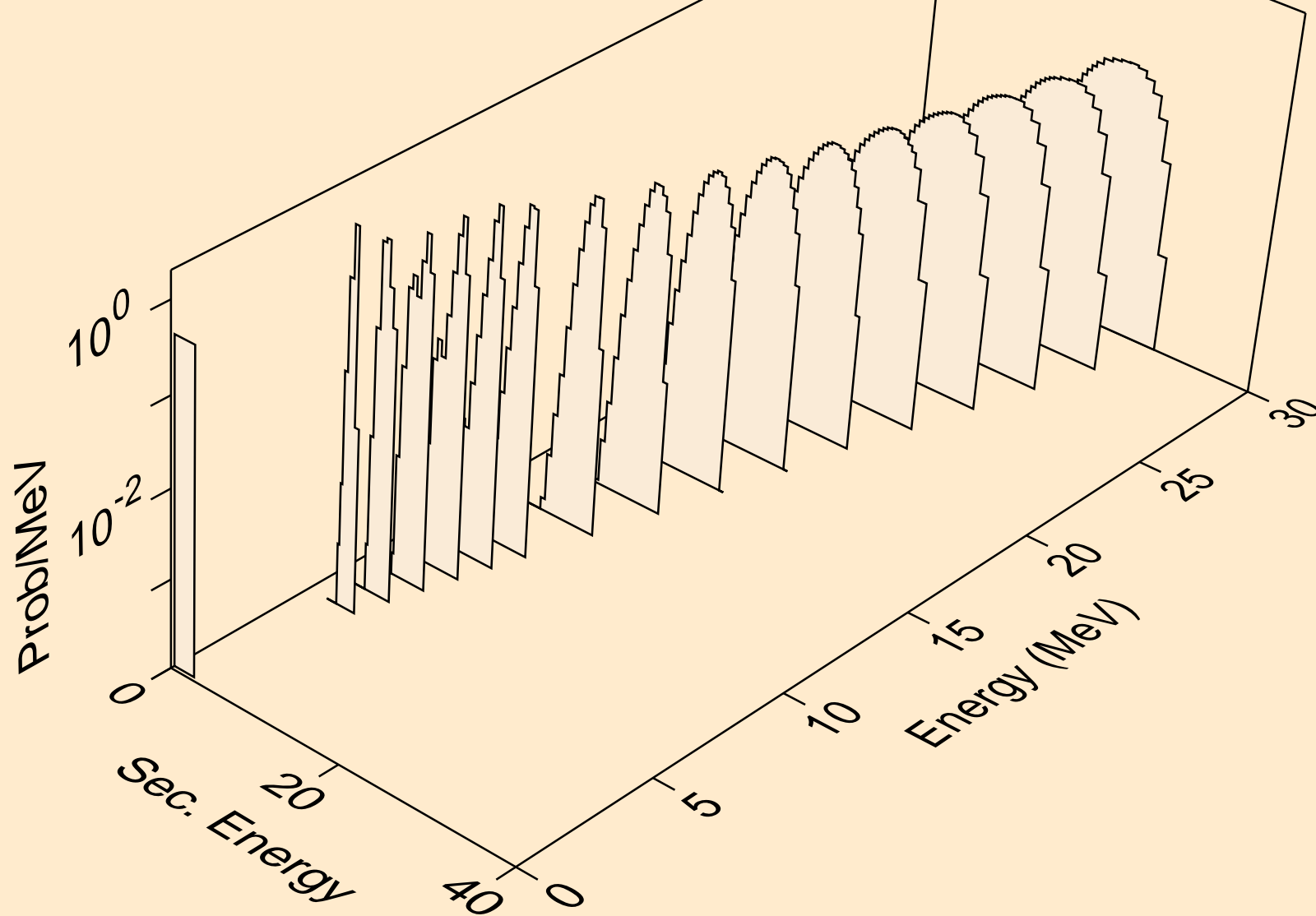
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,x)



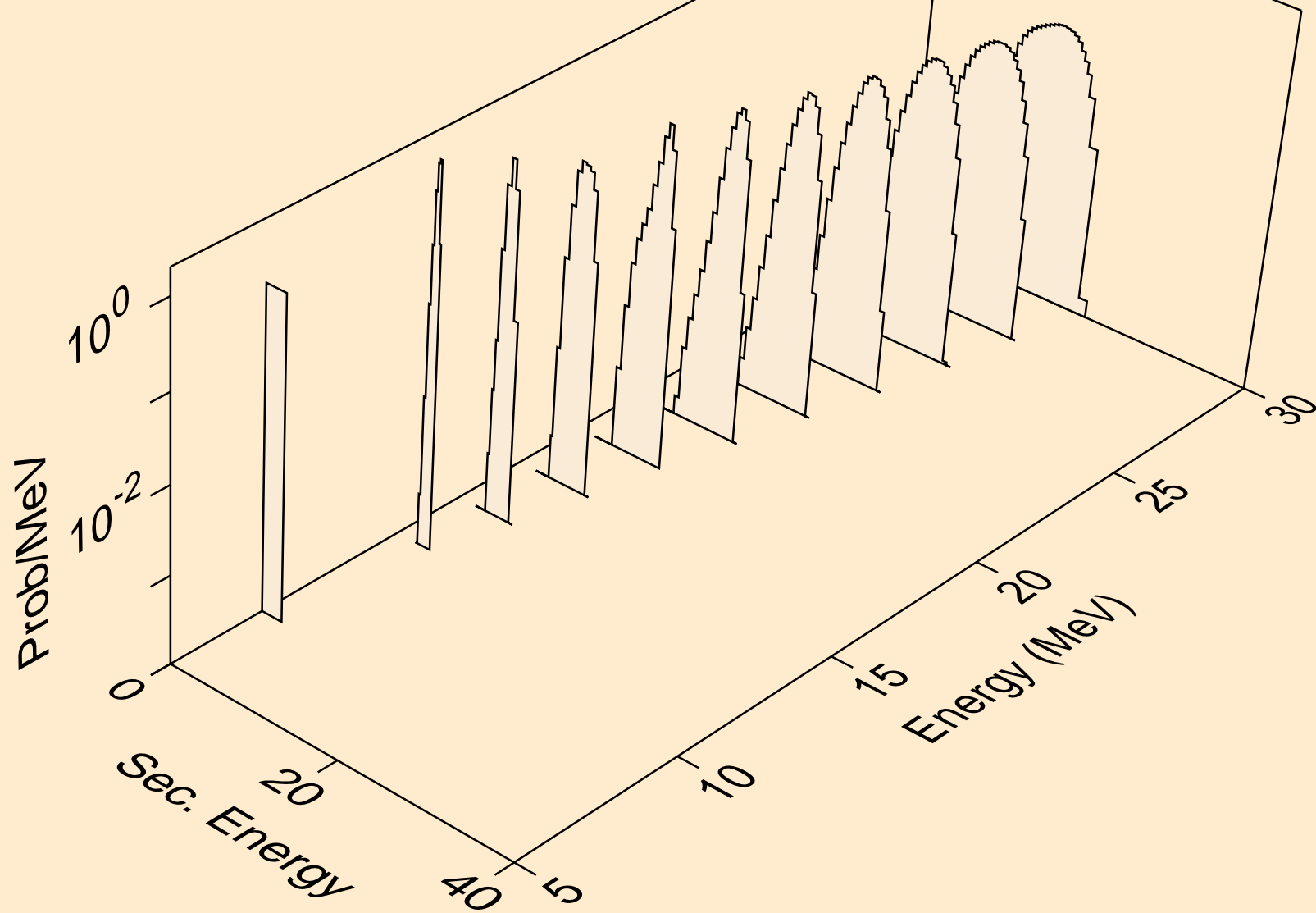
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,n\*)a



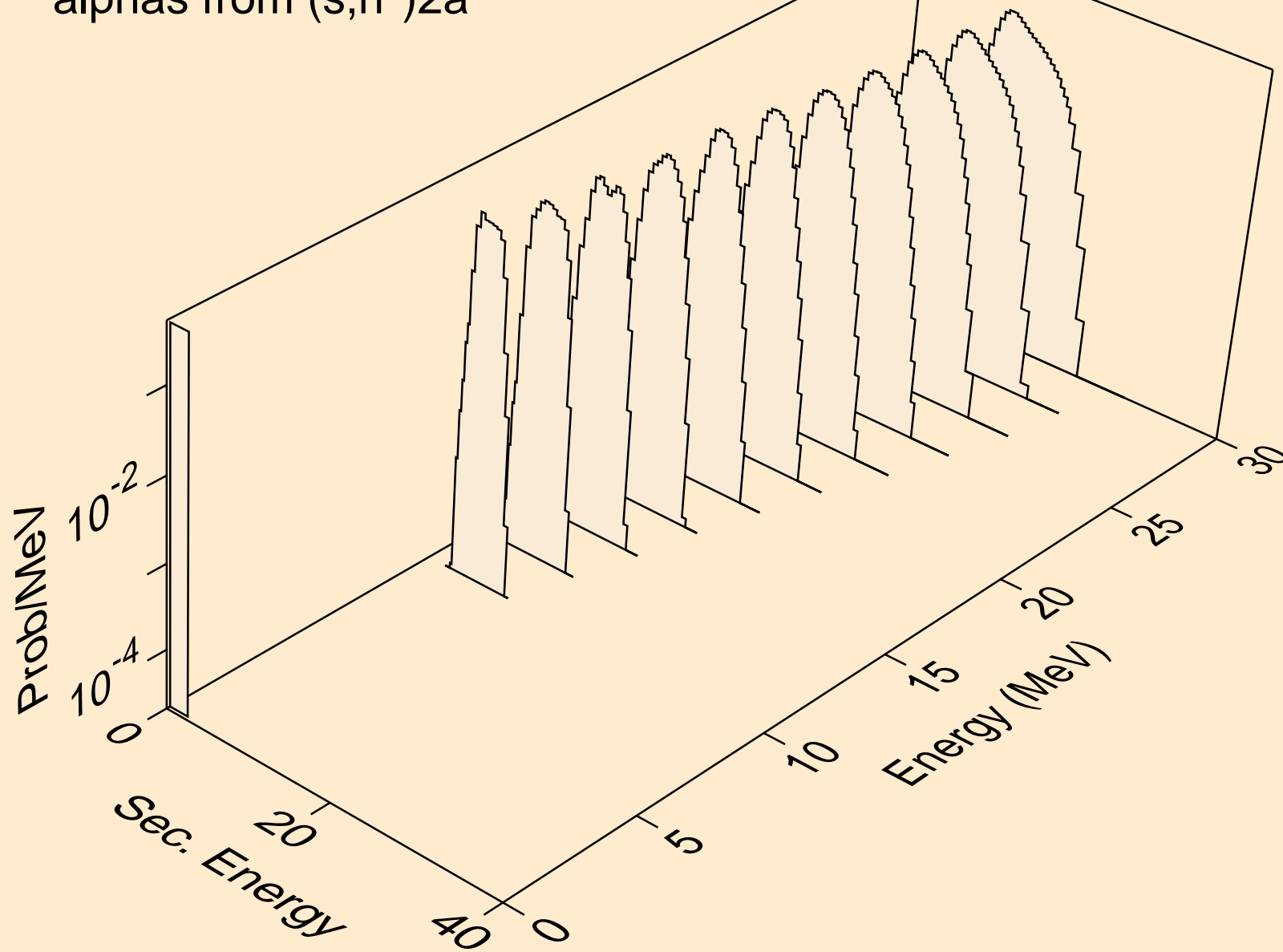
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,2n)a



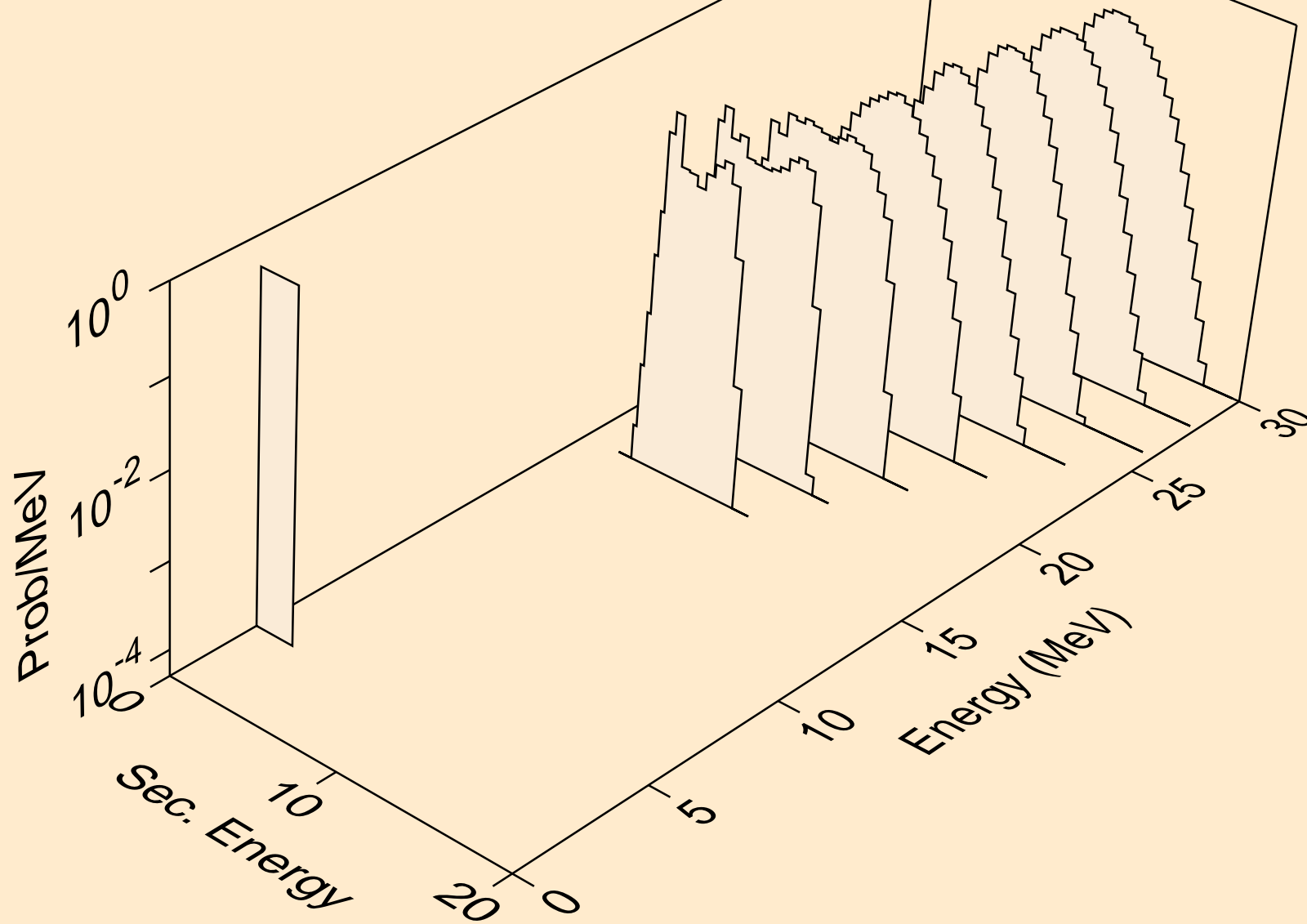
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,3n)a



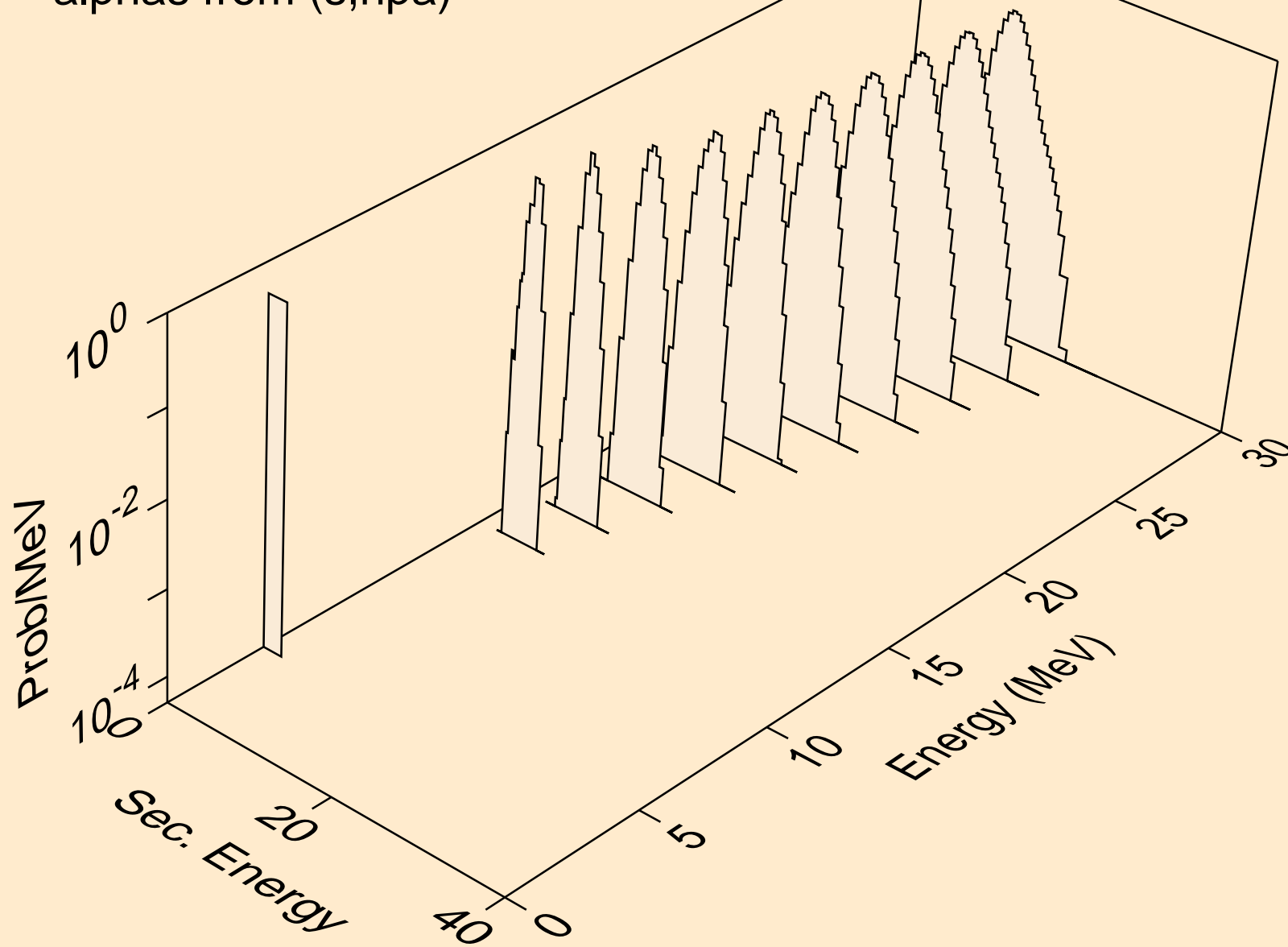
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,n\*)2a



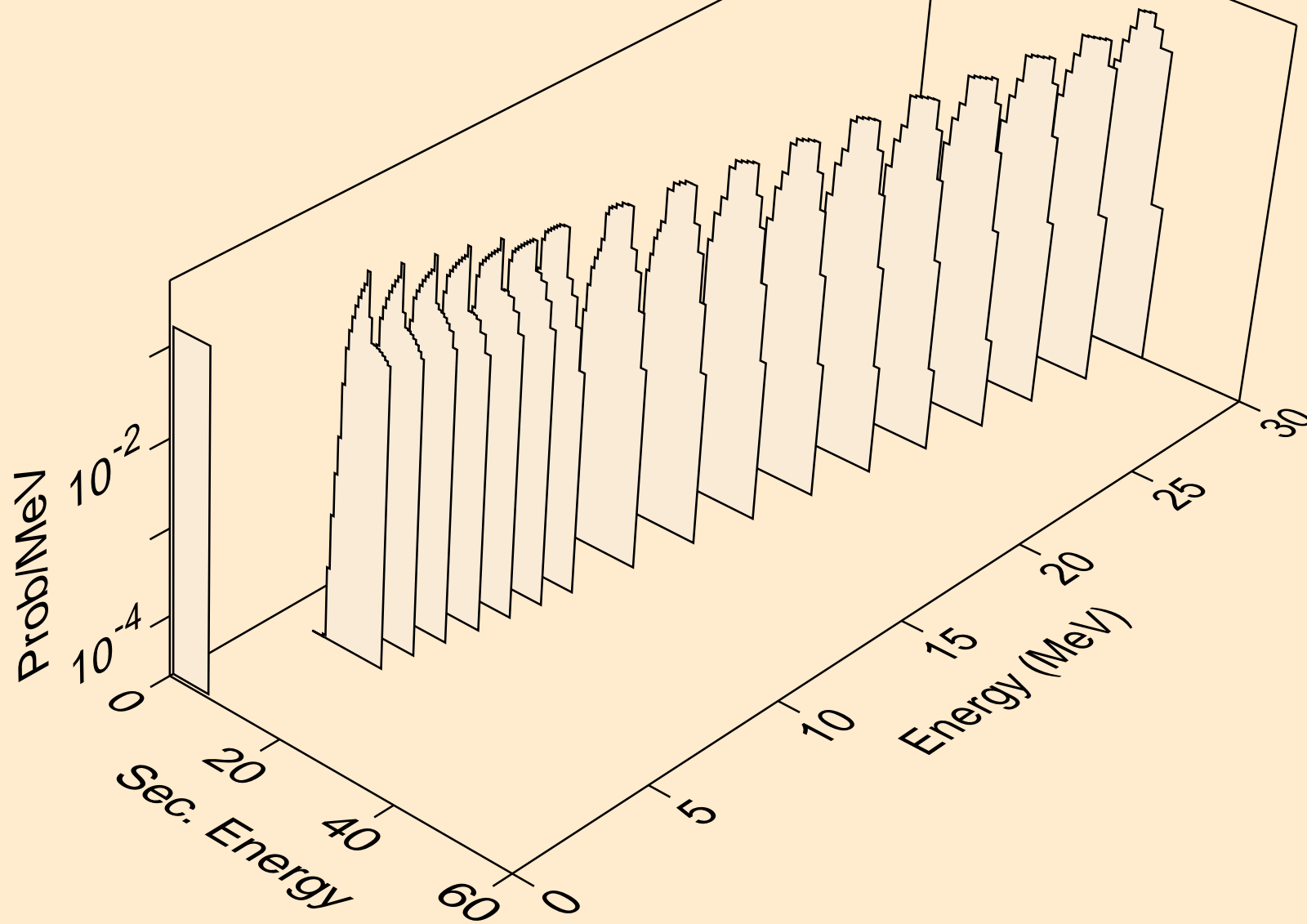
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,2n)2a



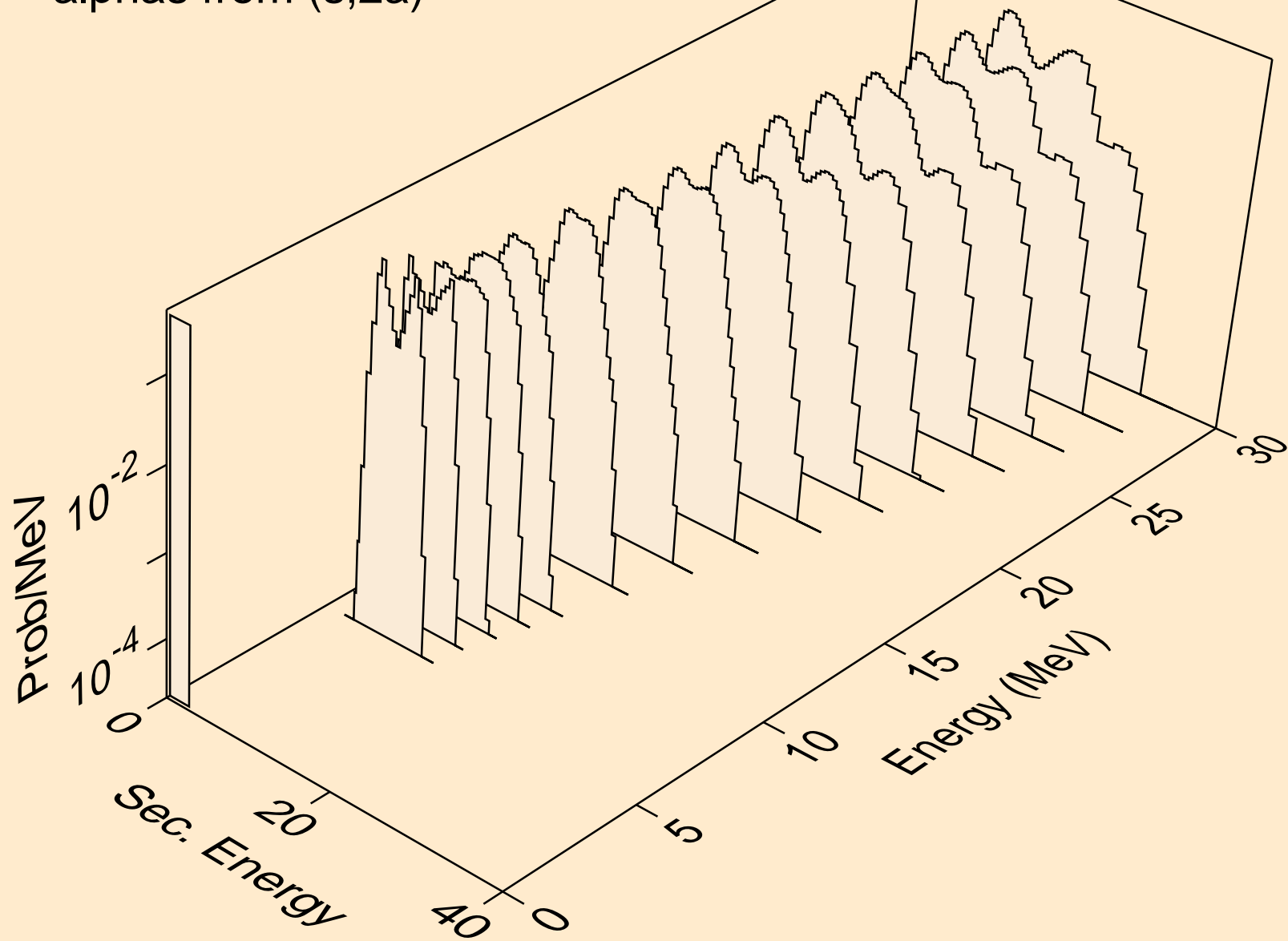
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,npa)



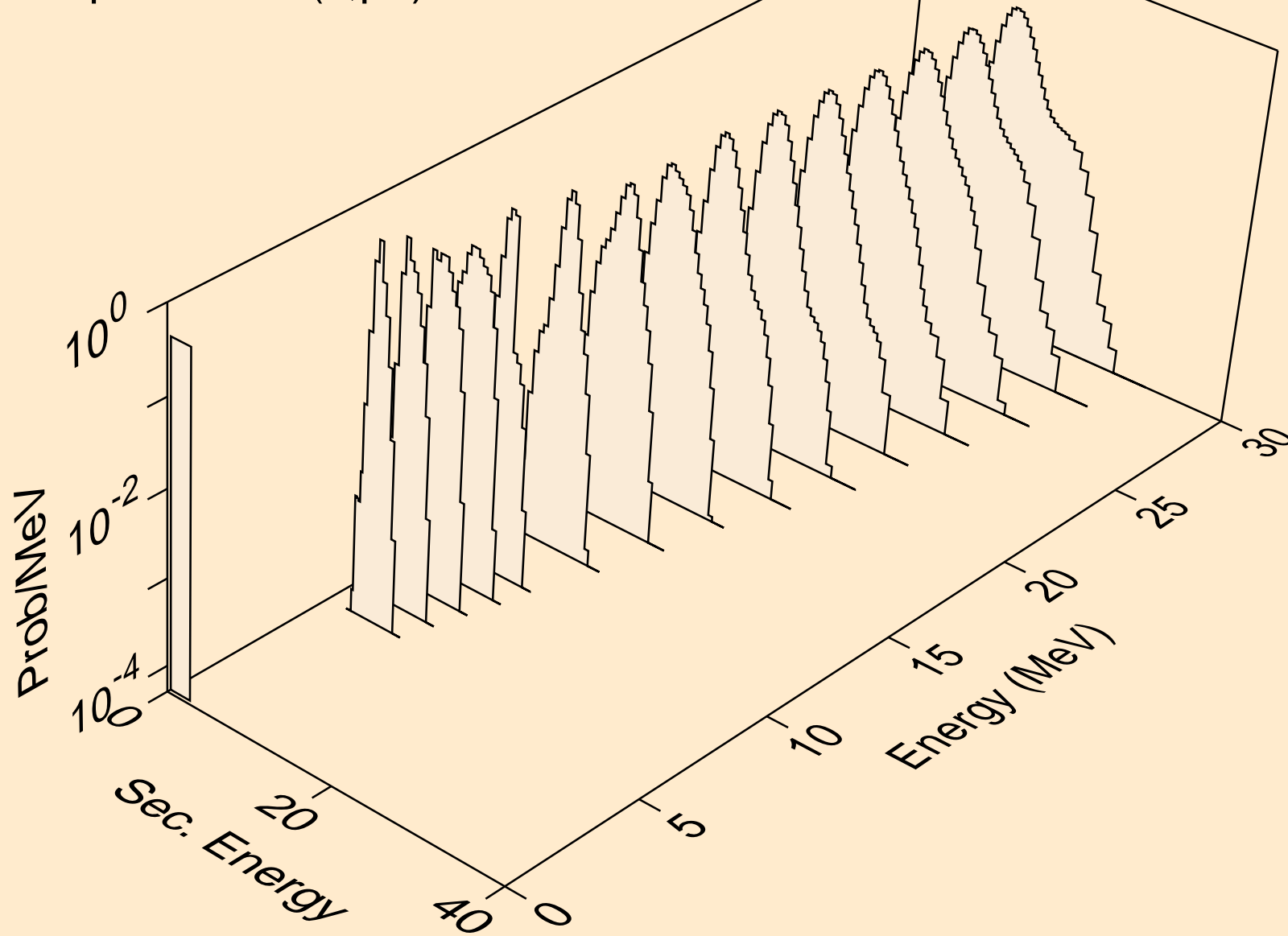
ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,a)



ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,2a)



ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,pa)



ZR097 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,da)

