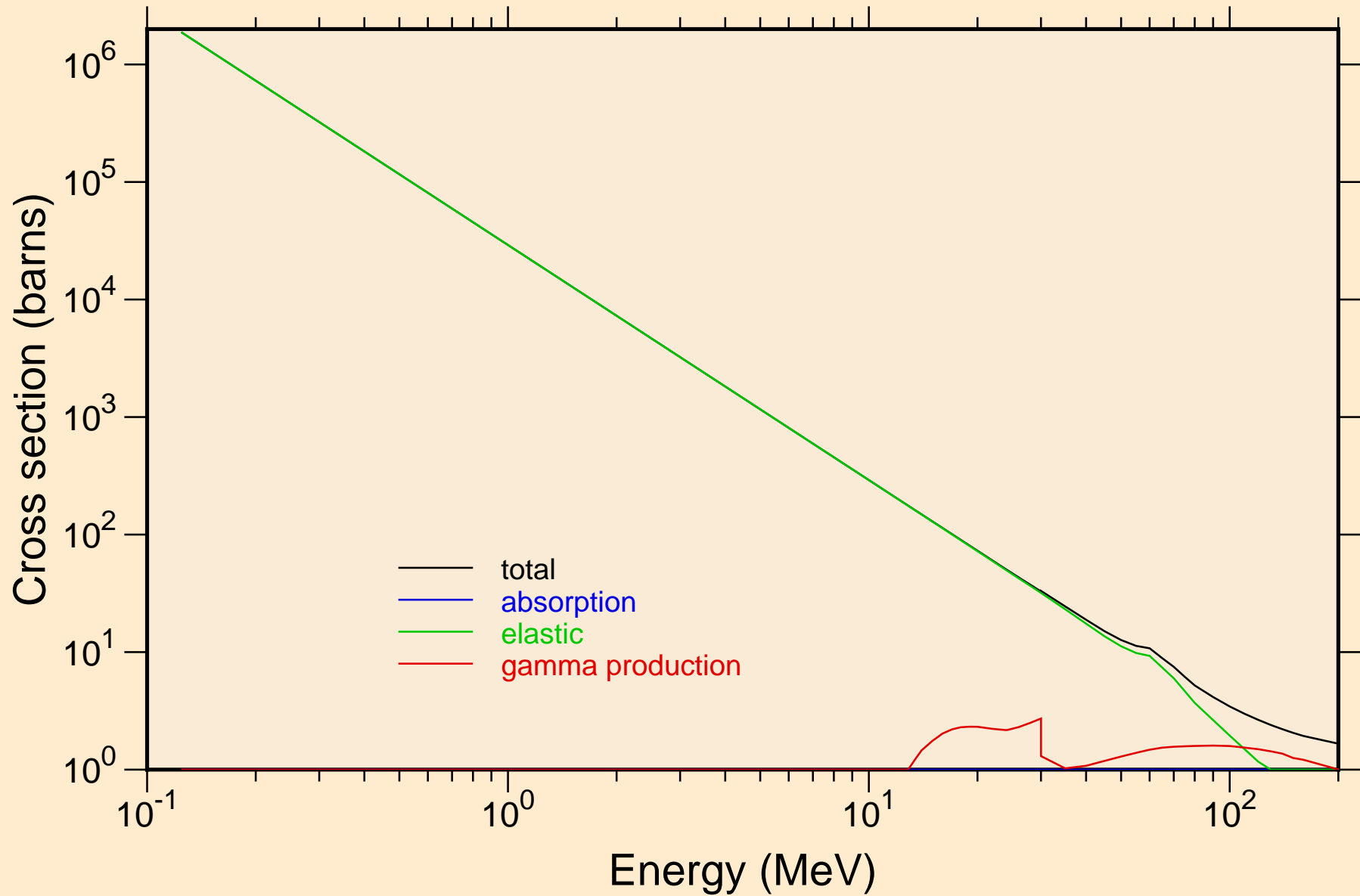
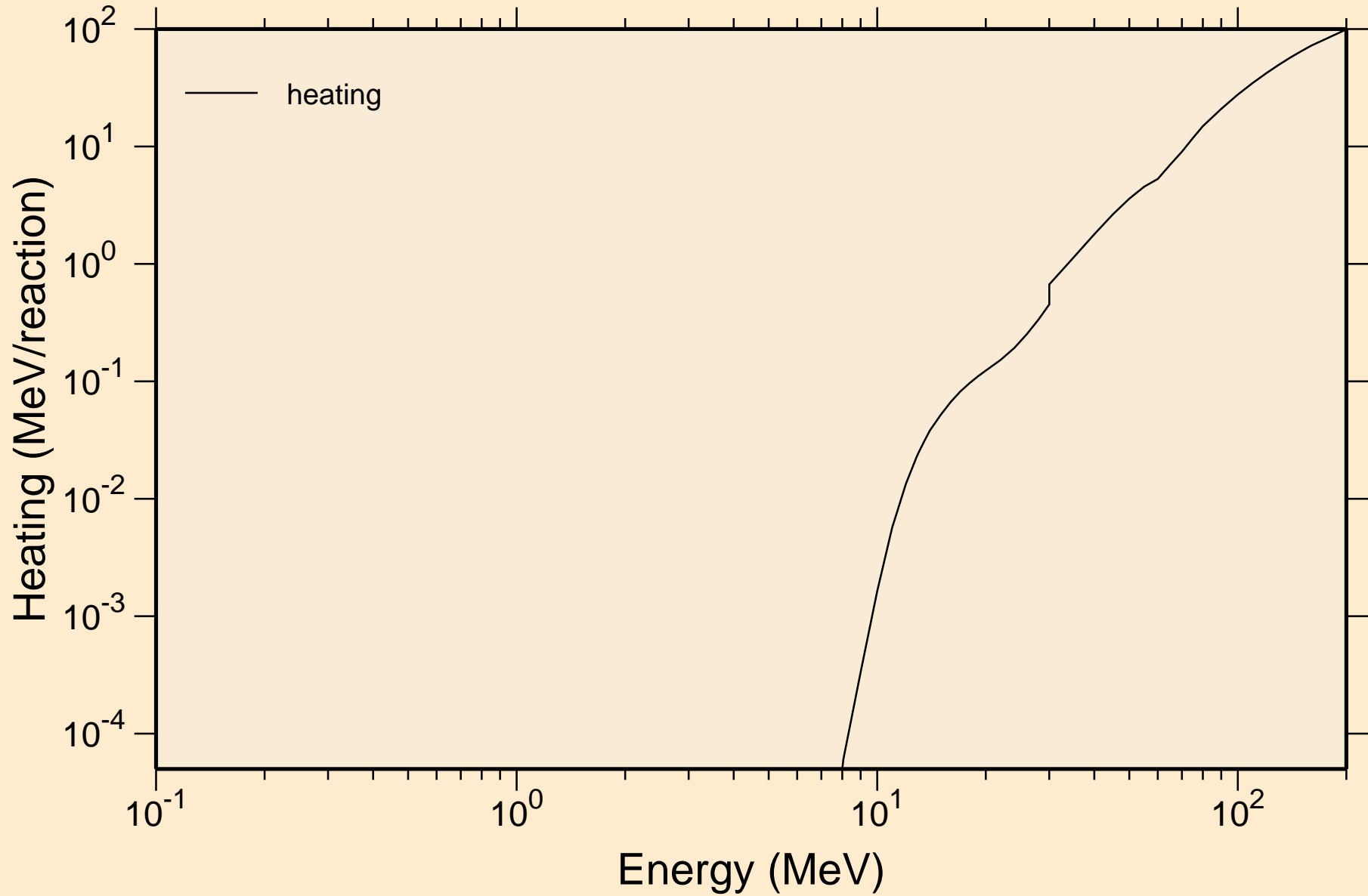


AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Principal cross sections



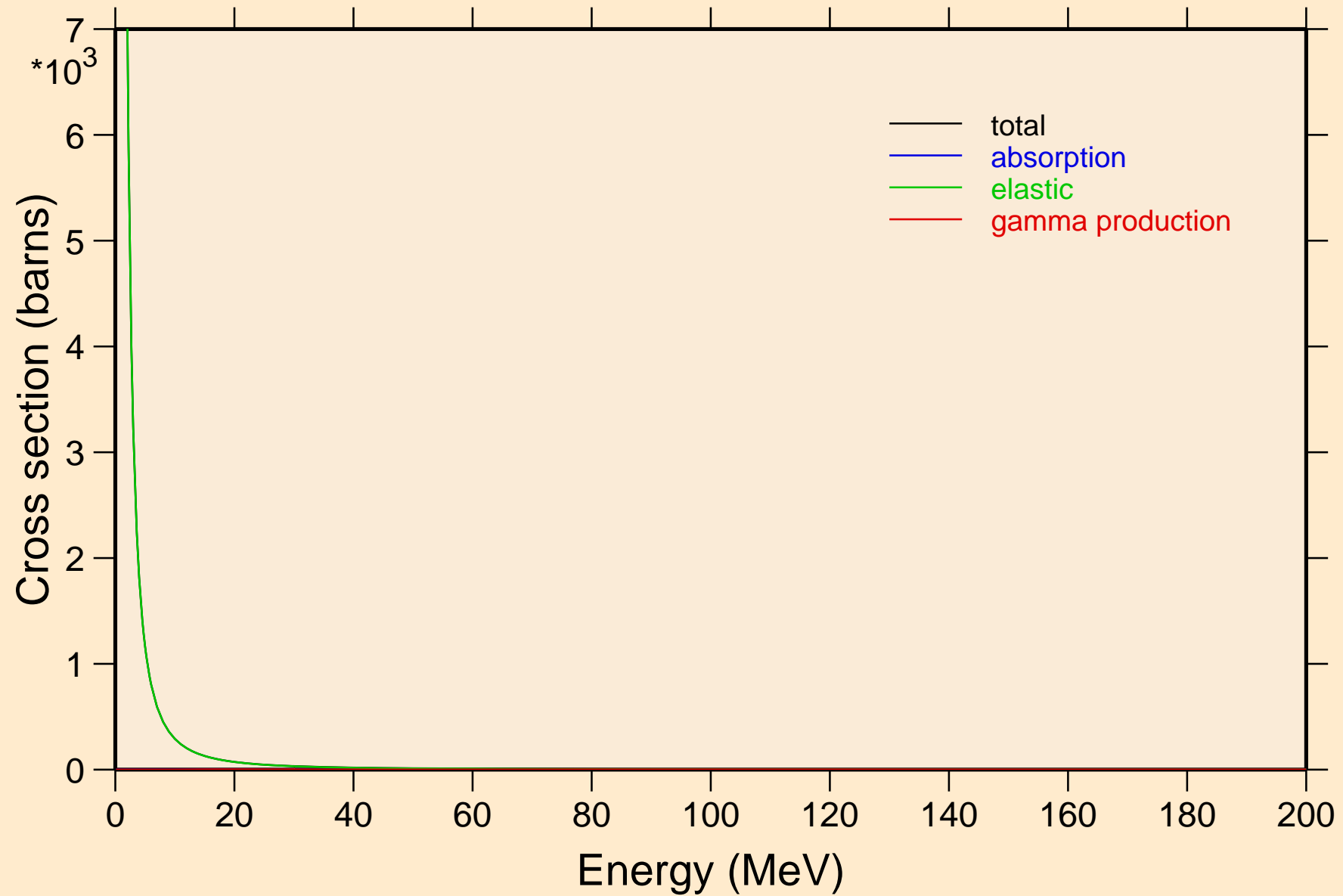
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K

Heating



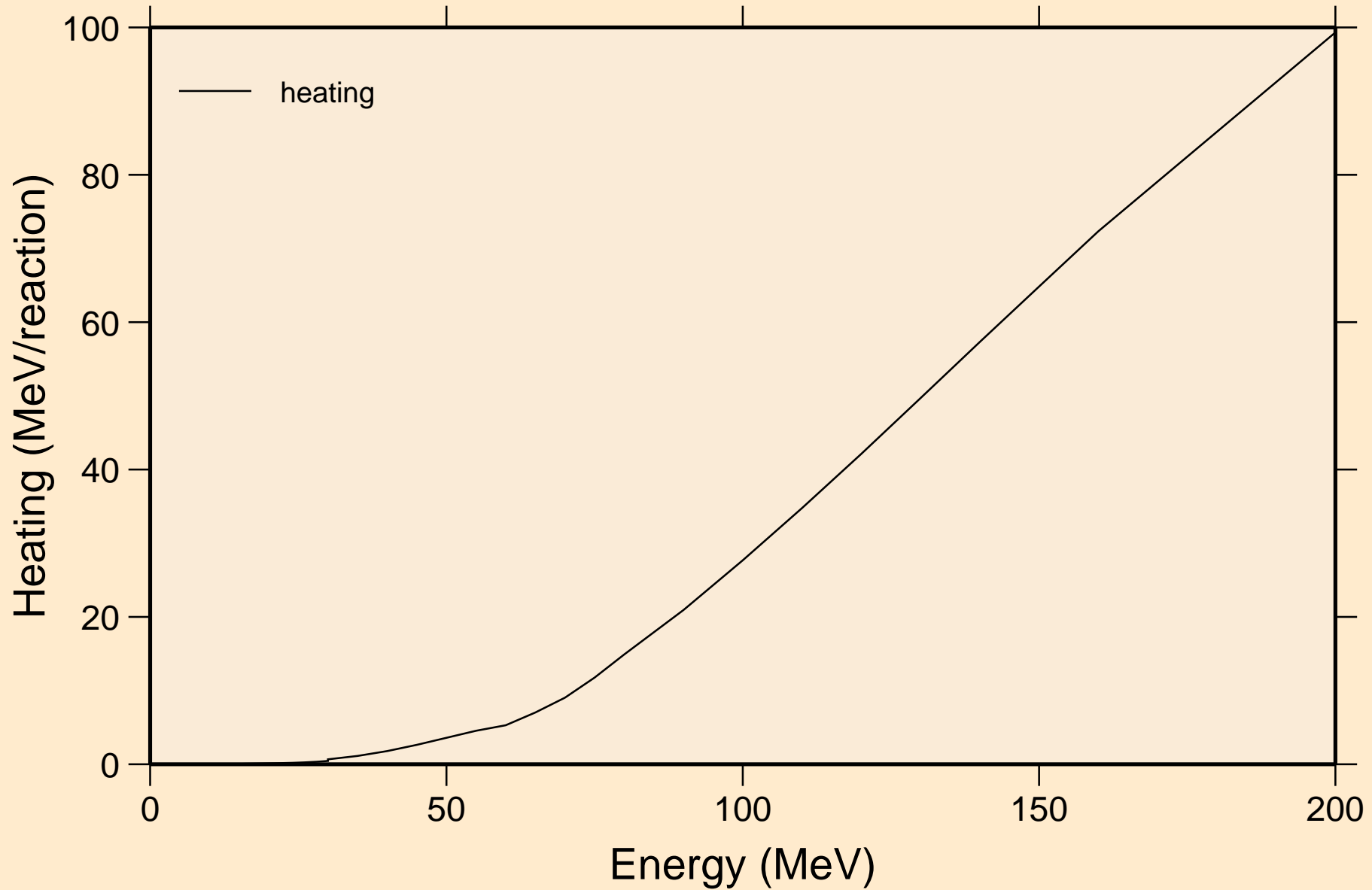
# AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections

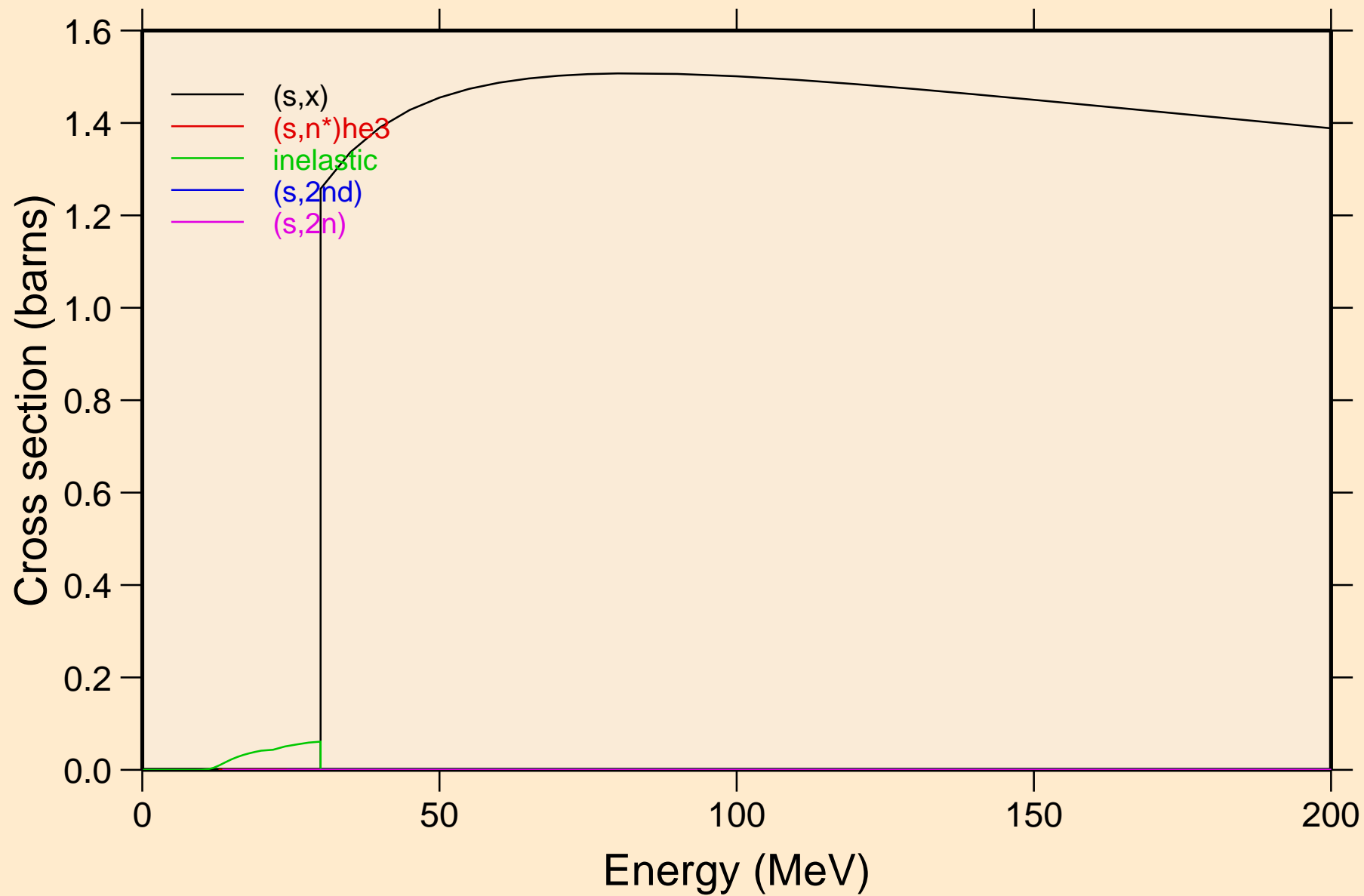


AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K

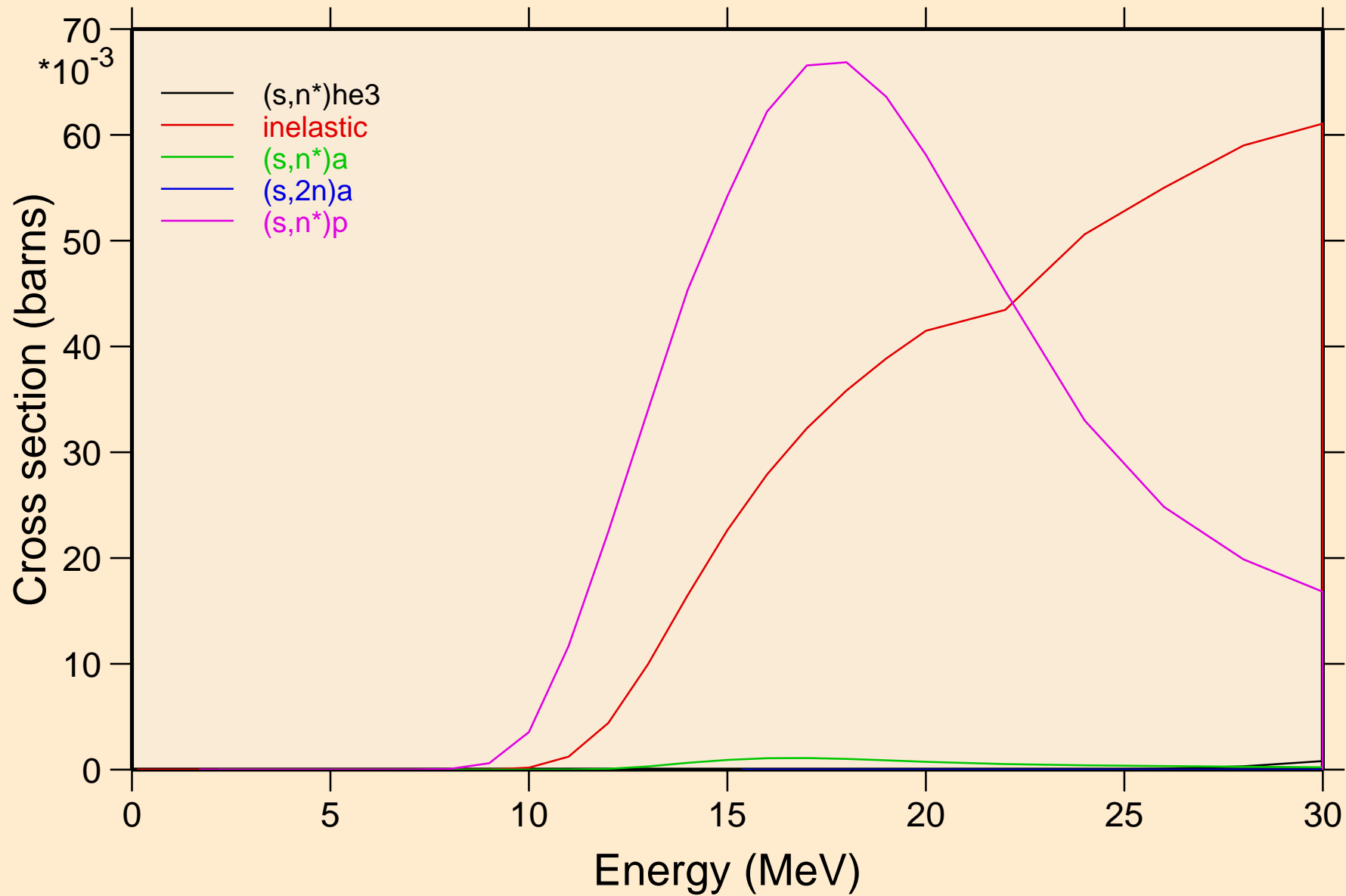
Heating



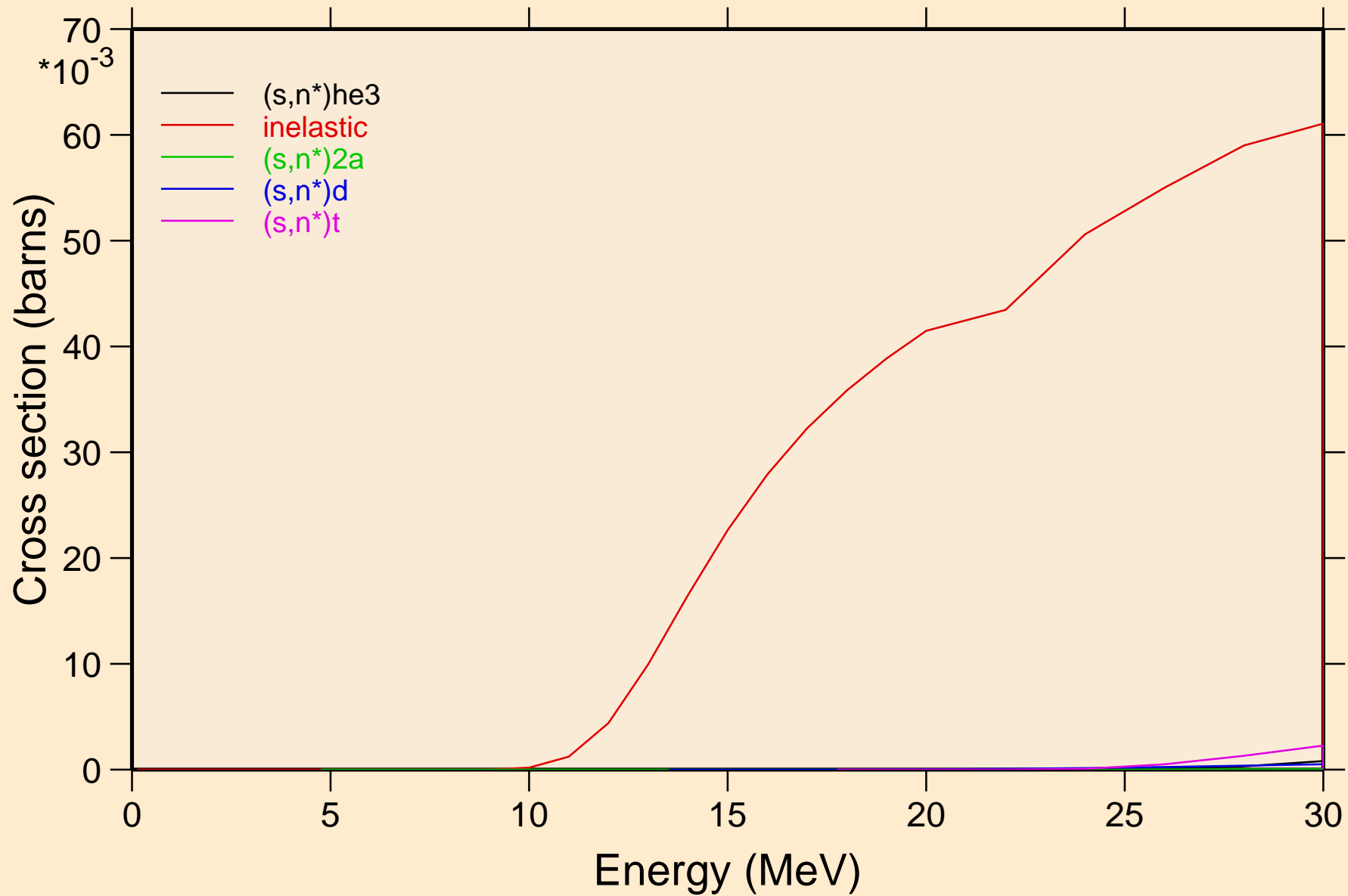
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



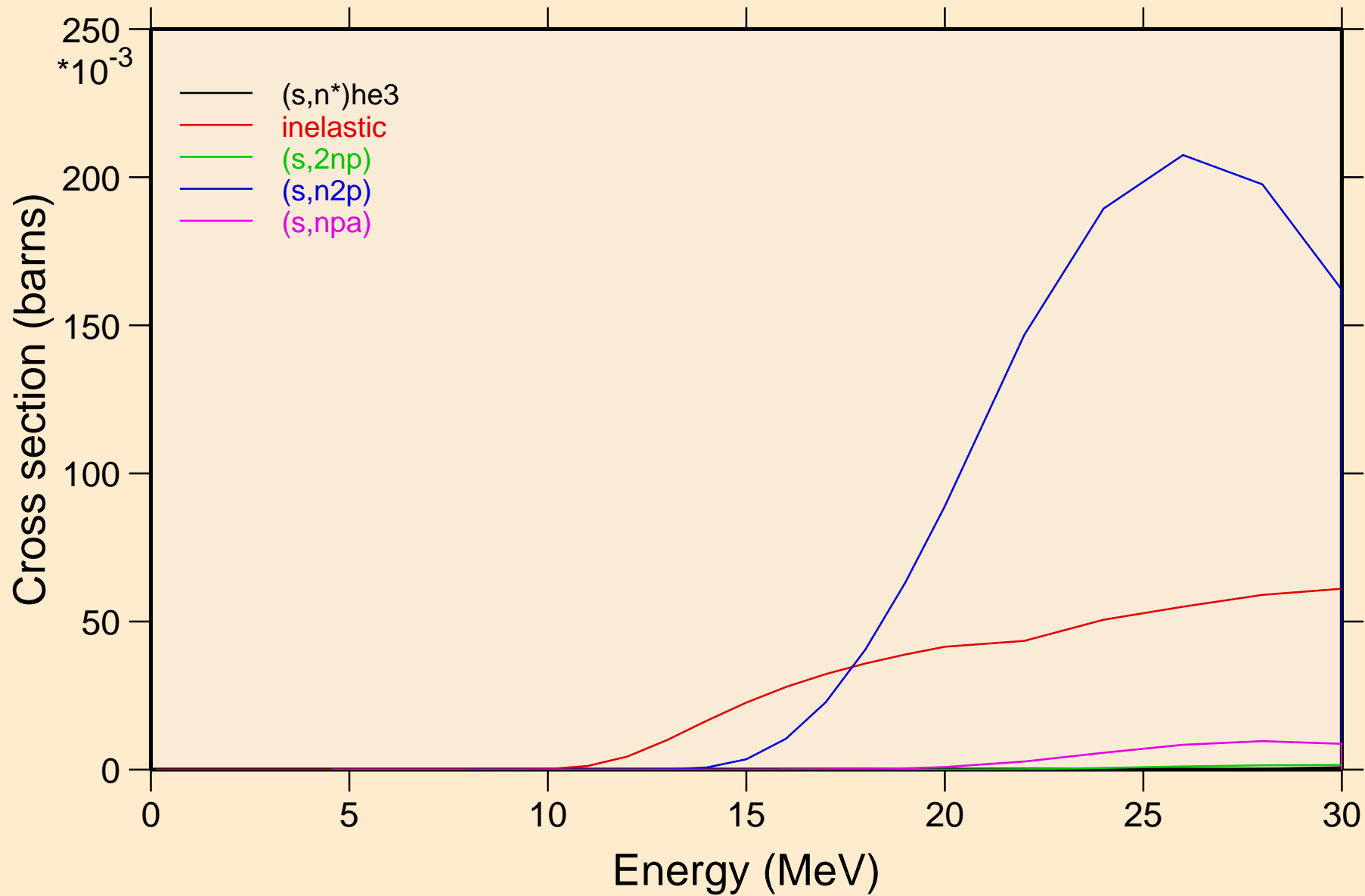
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



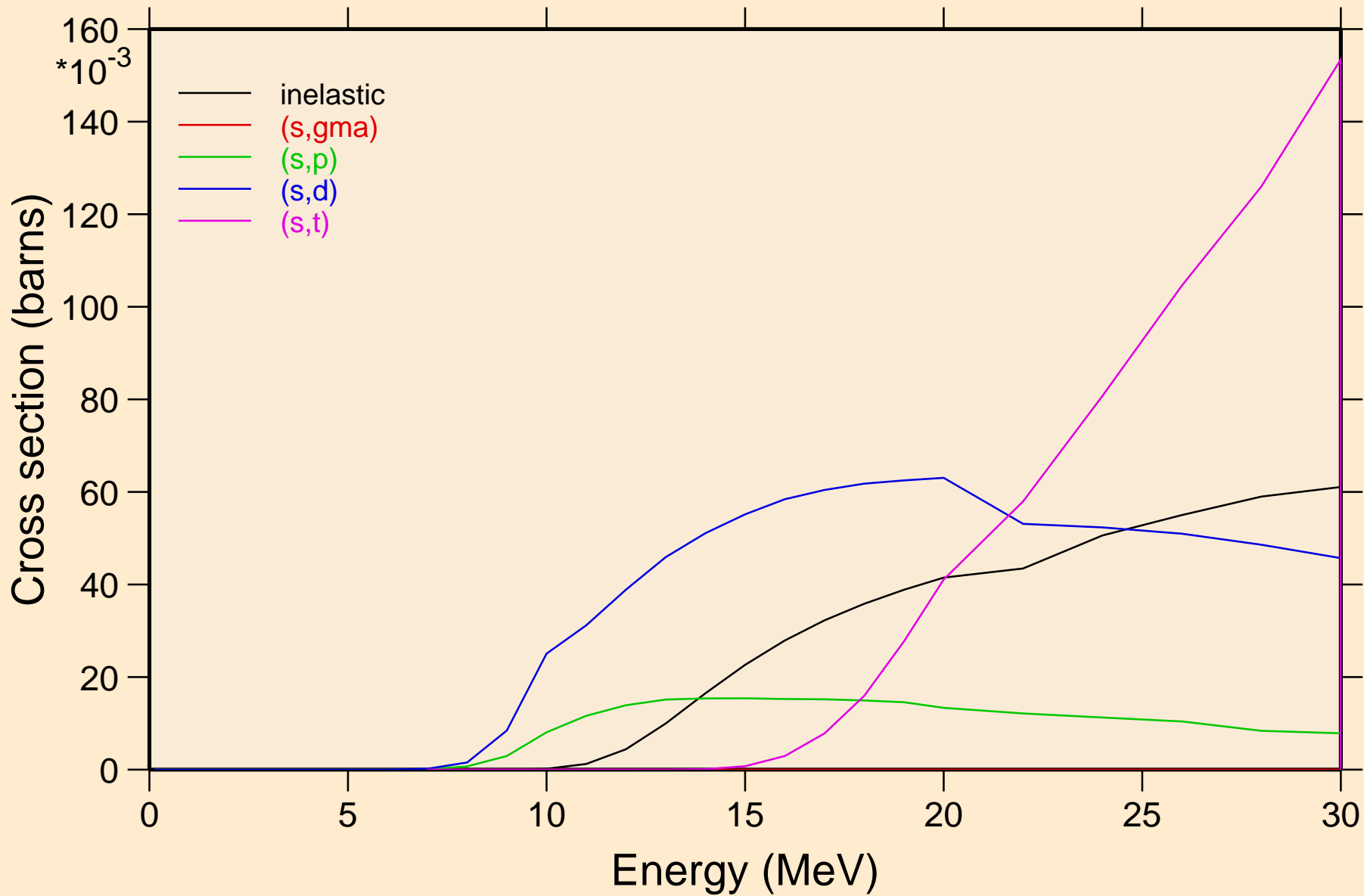
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



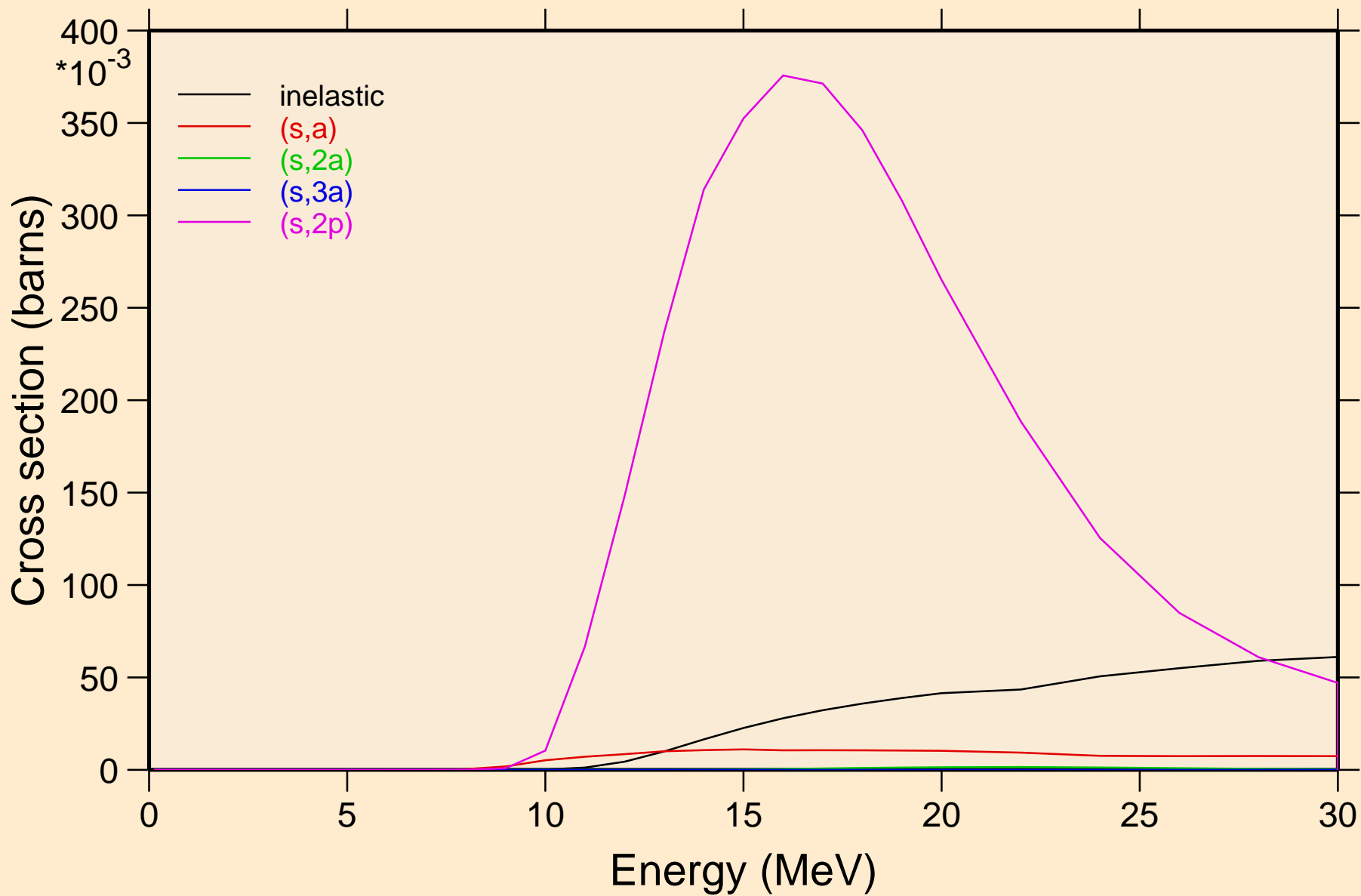
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



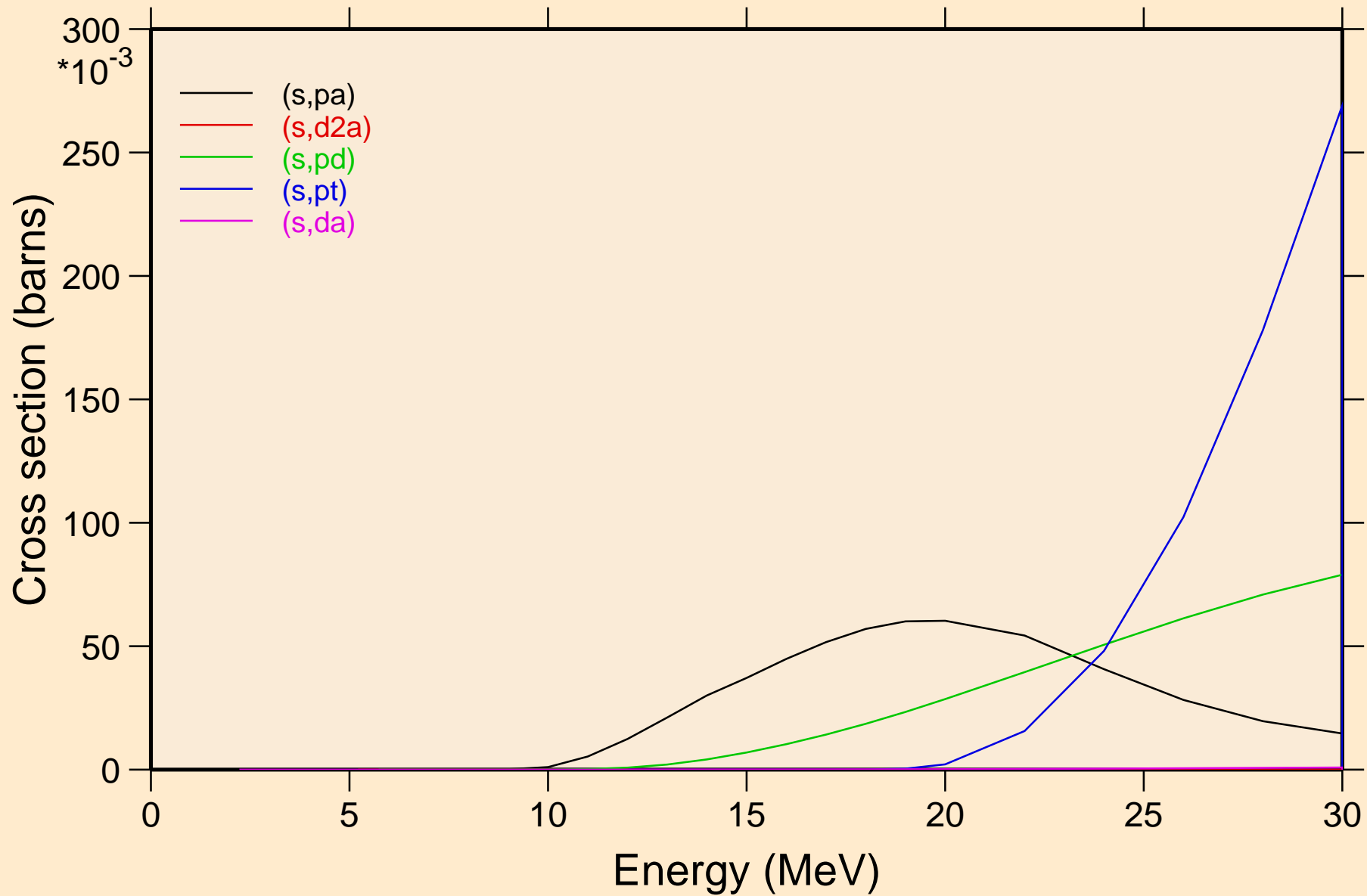
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



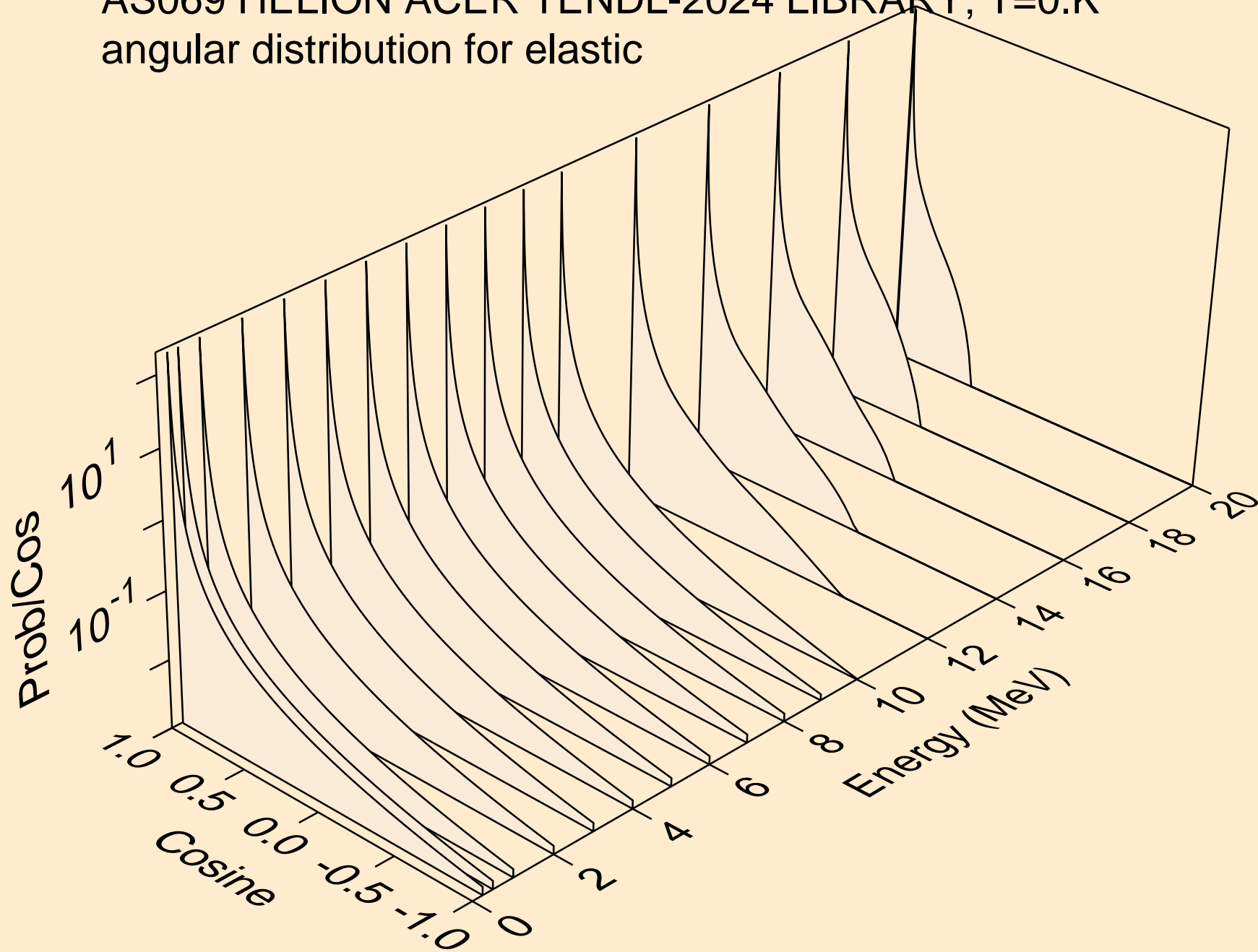
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



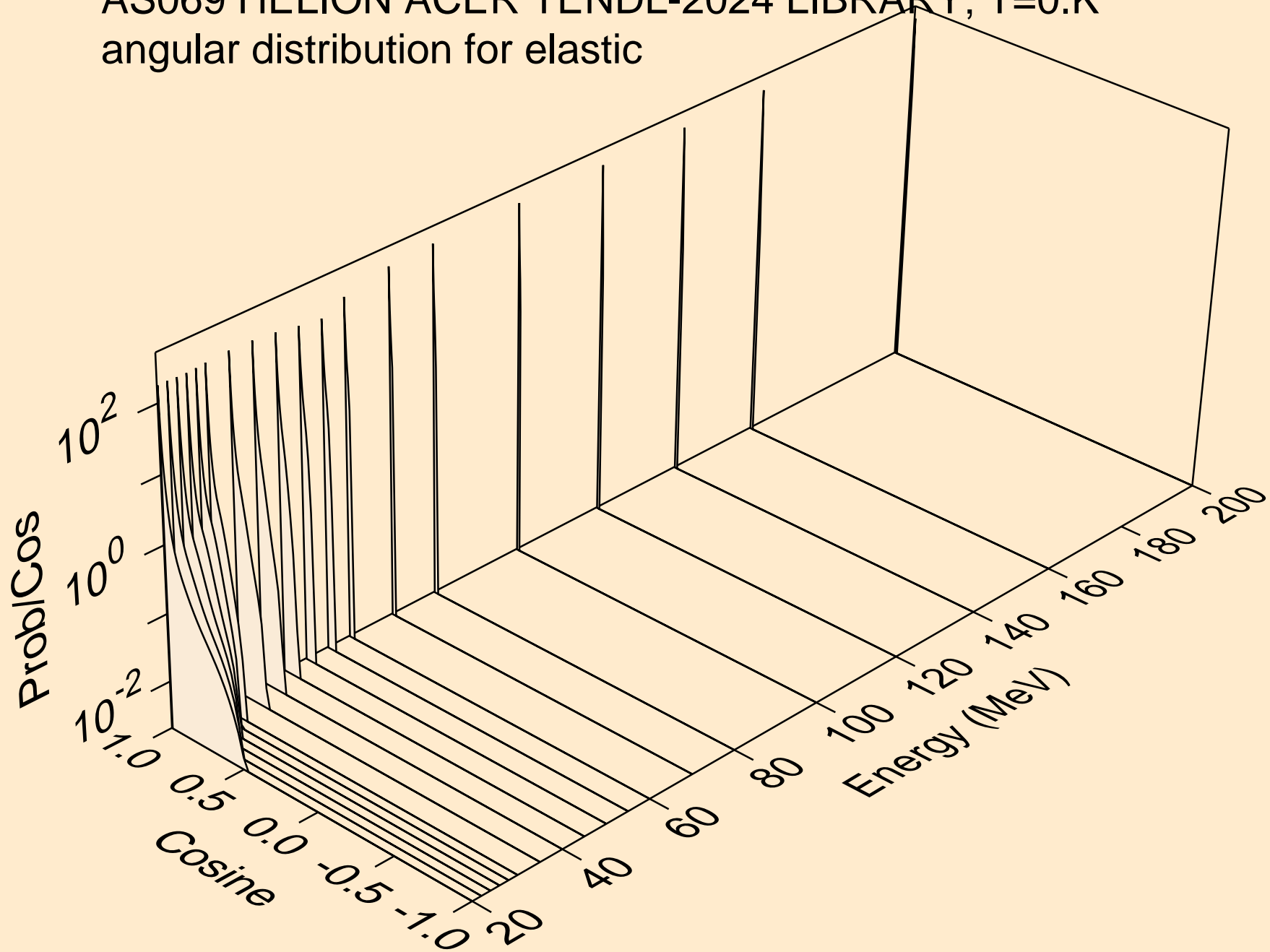
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



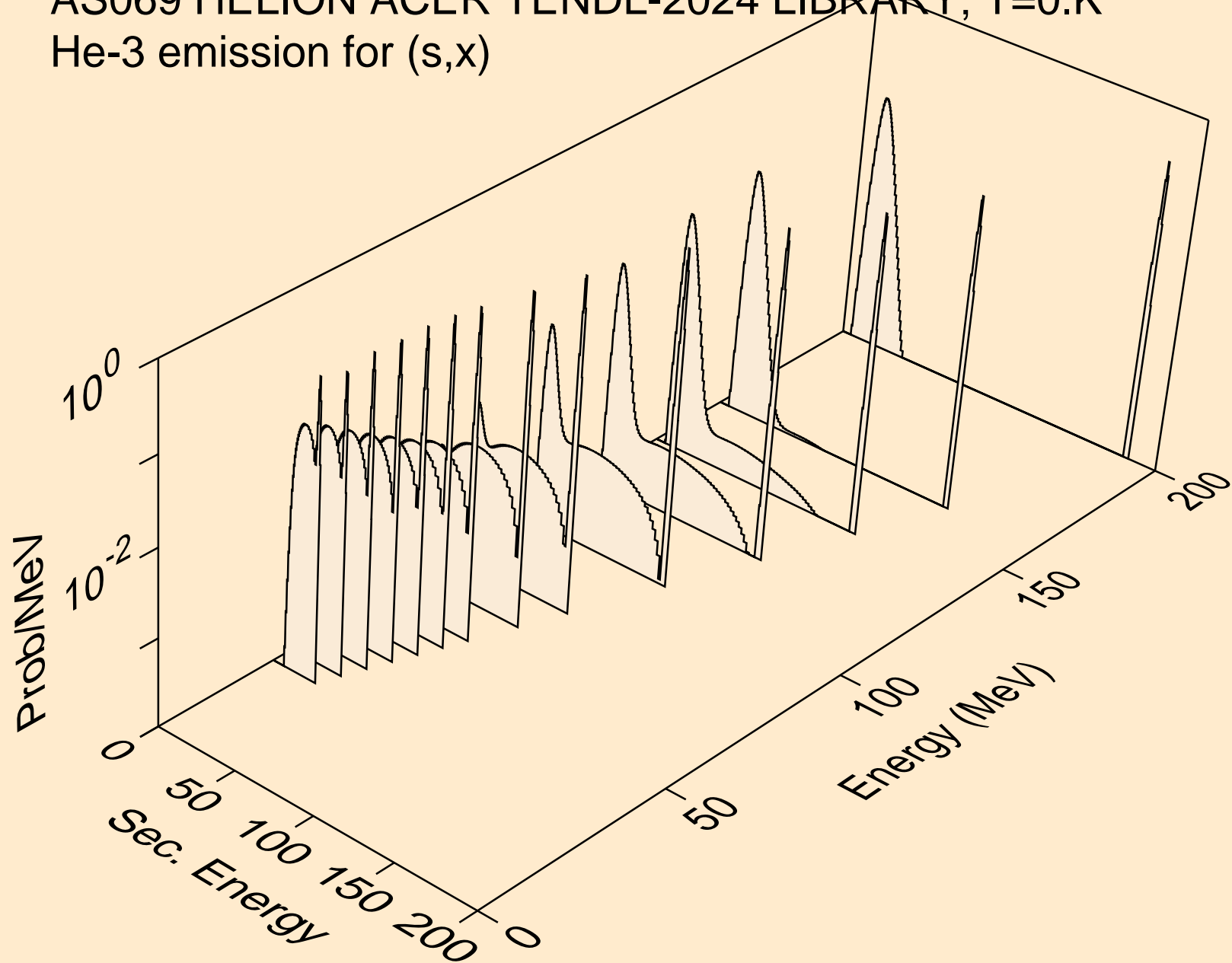
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



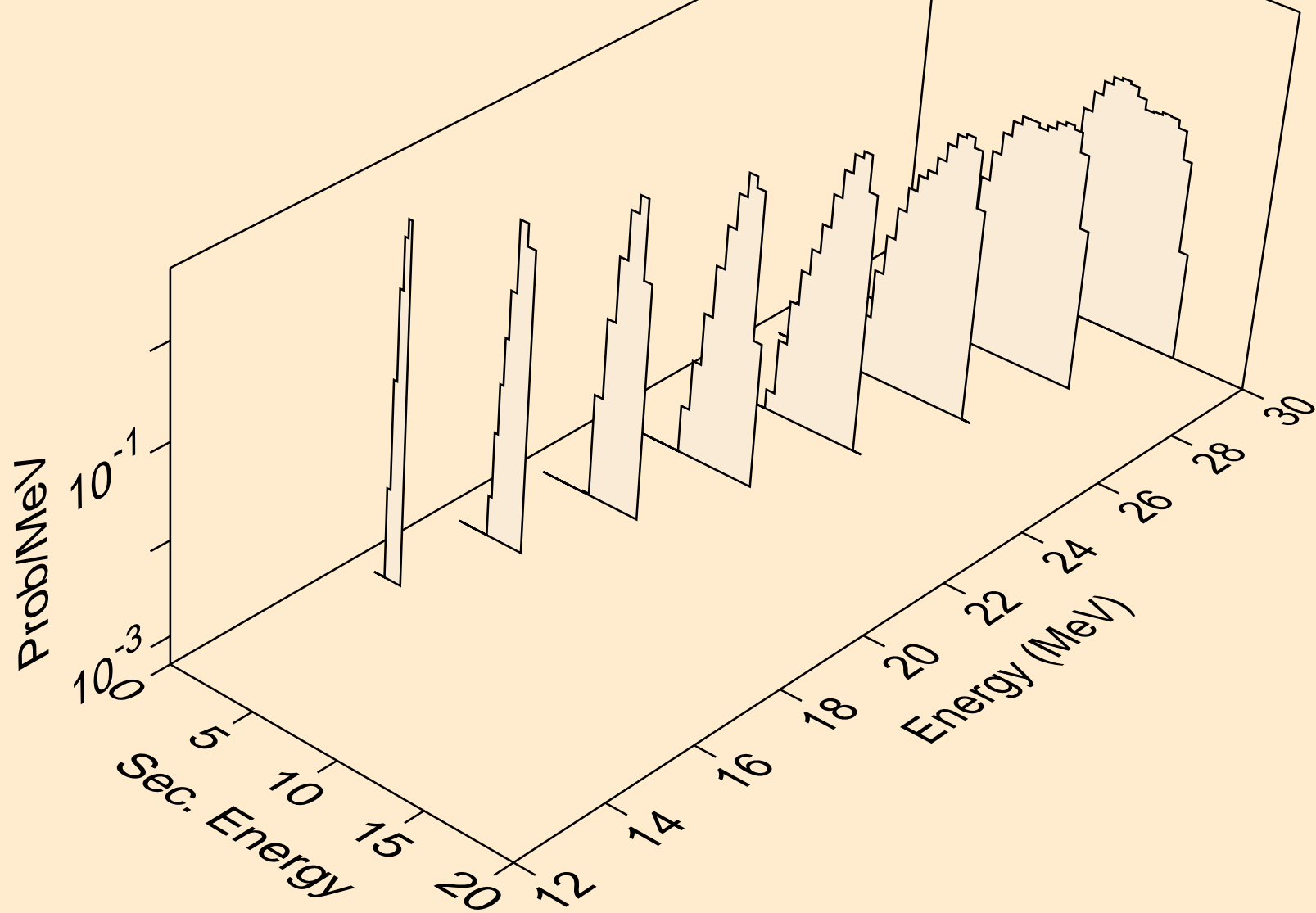
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



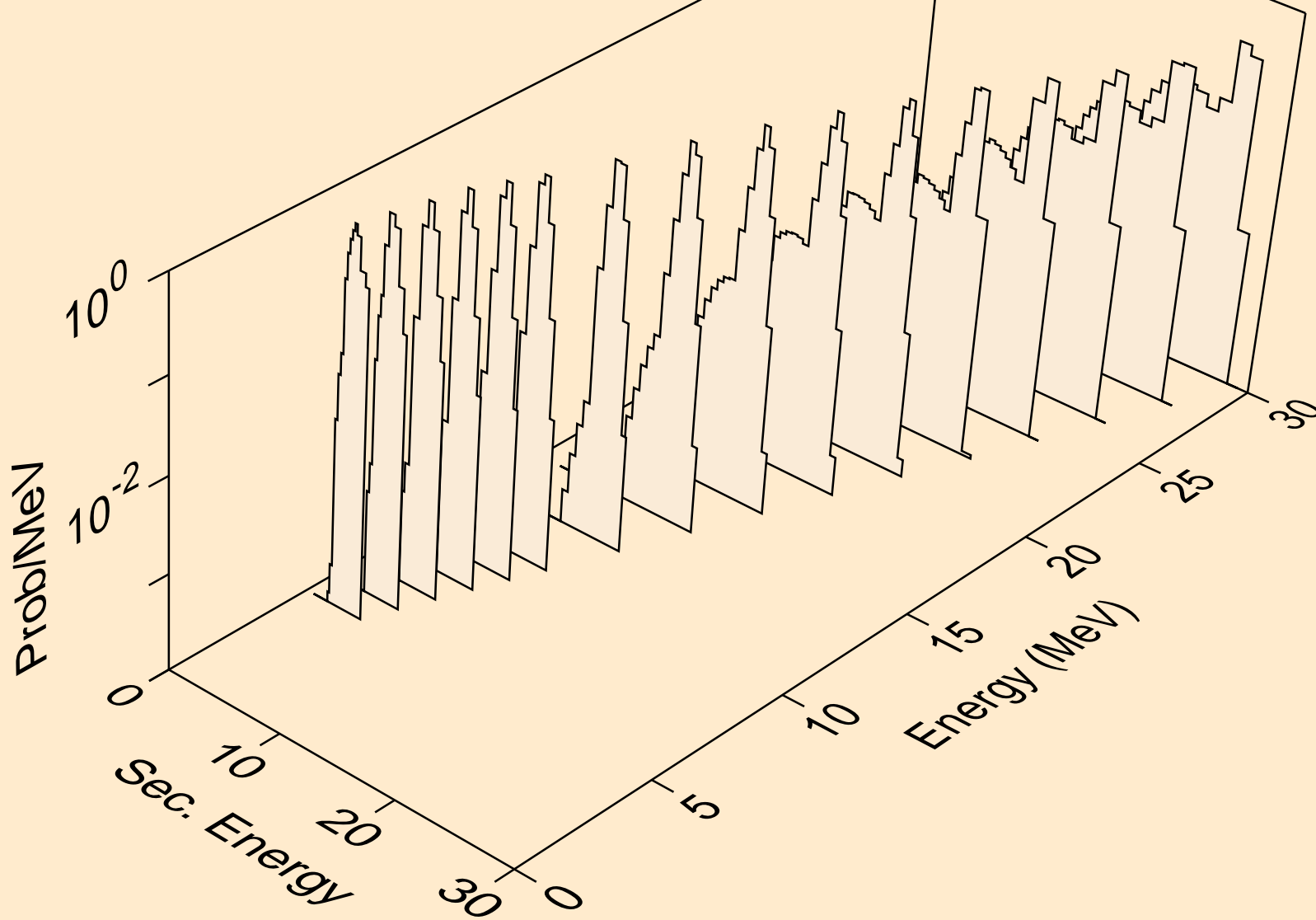
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for (s,x)



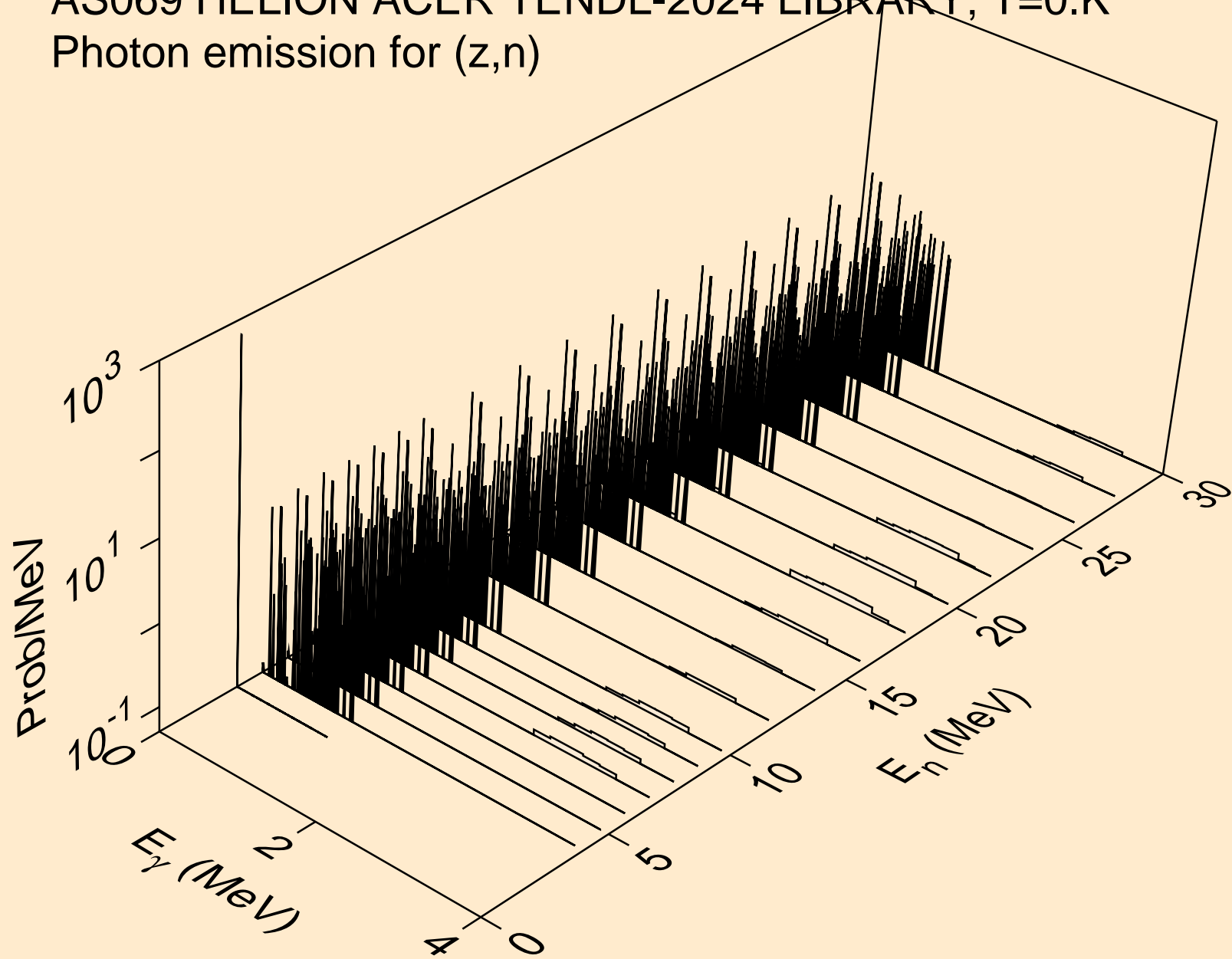
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3



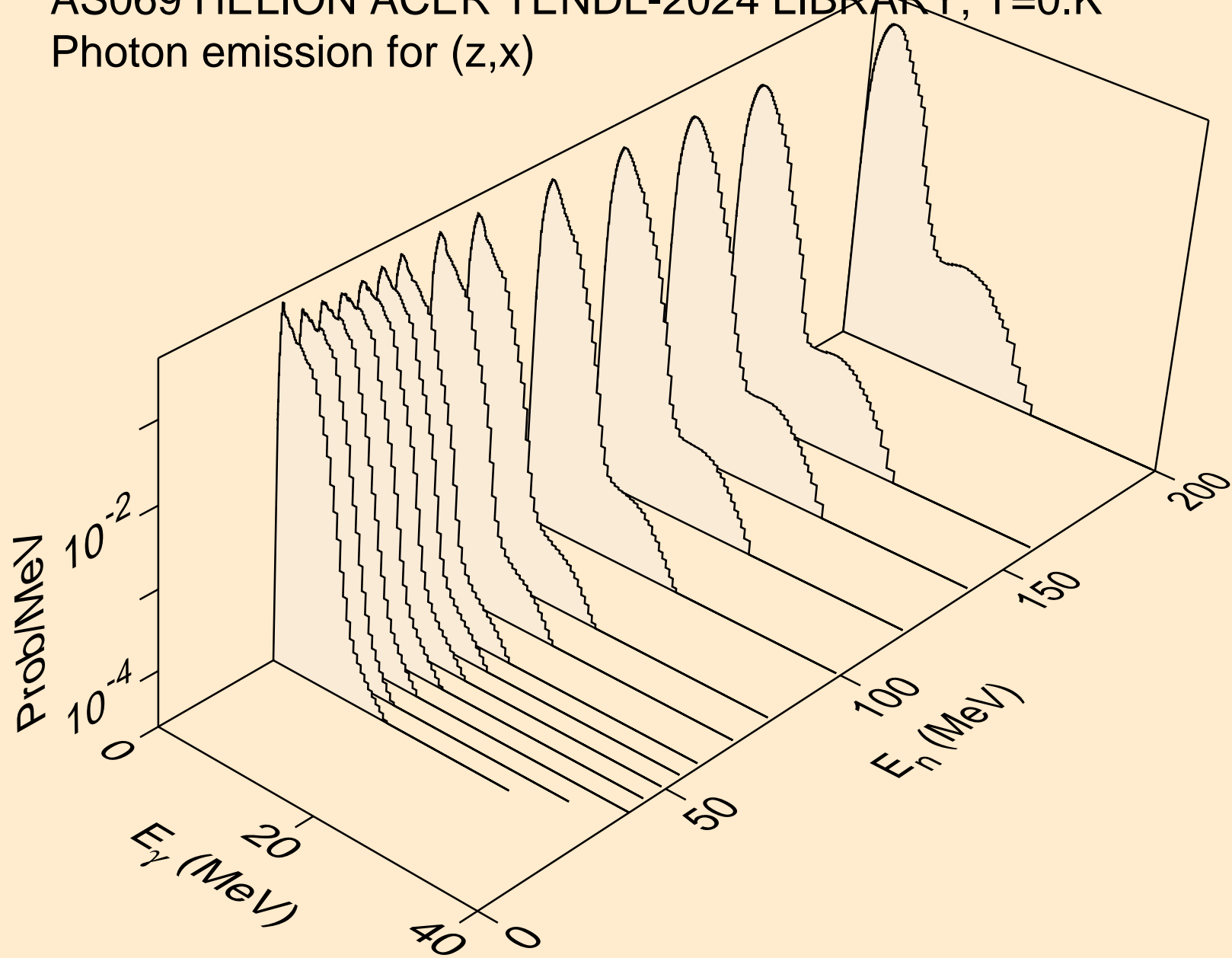
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for inelastic



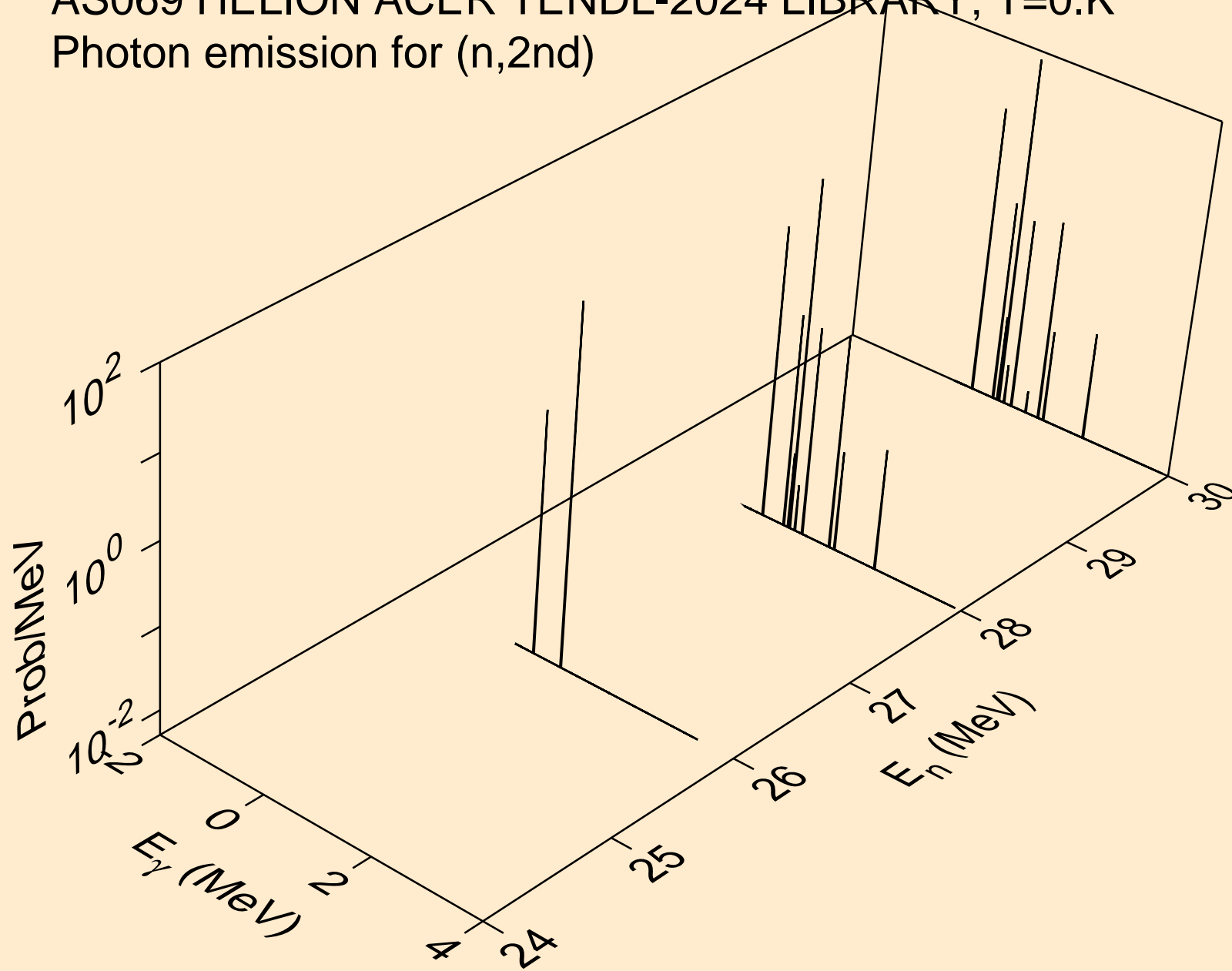
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,n)



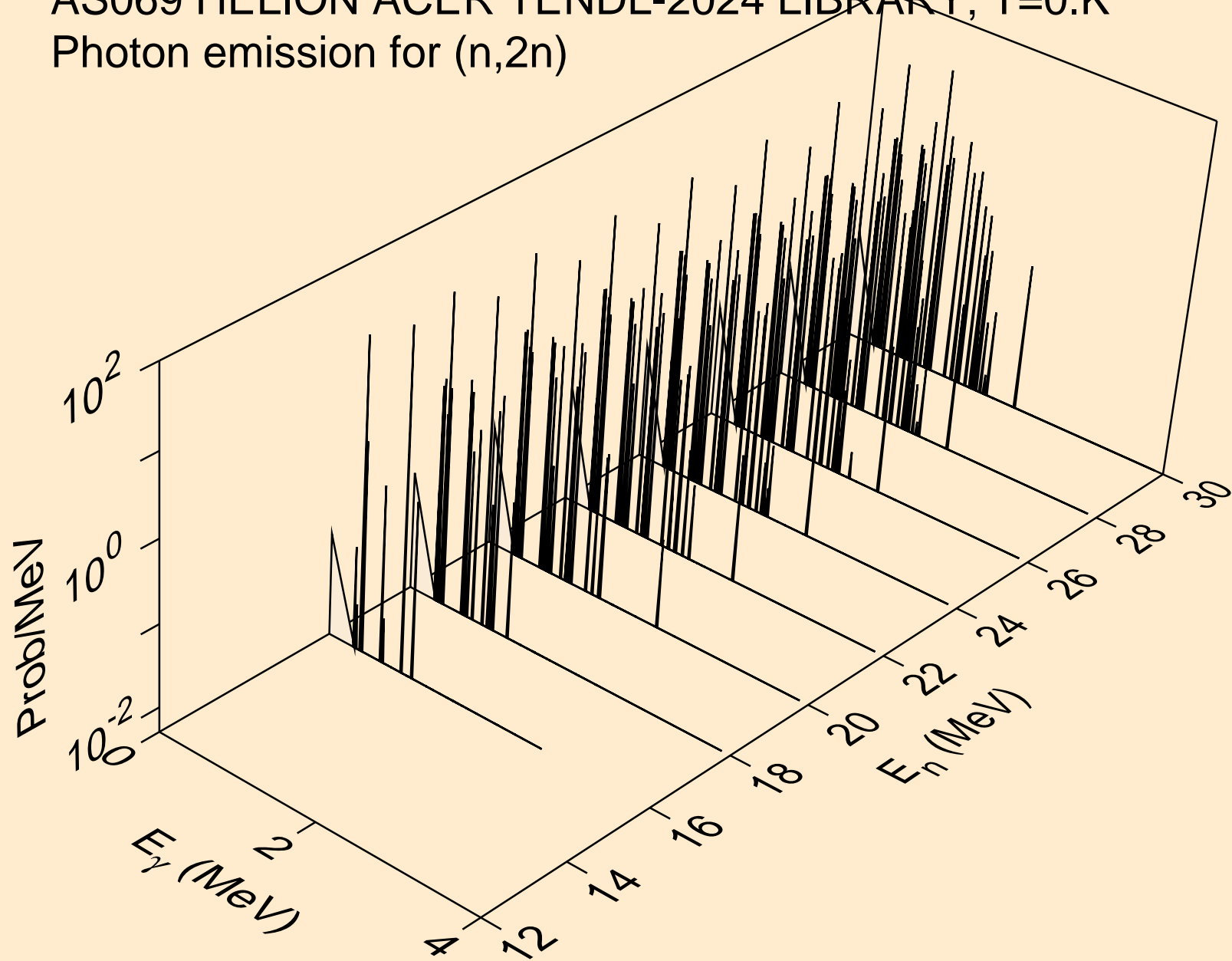
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,x)



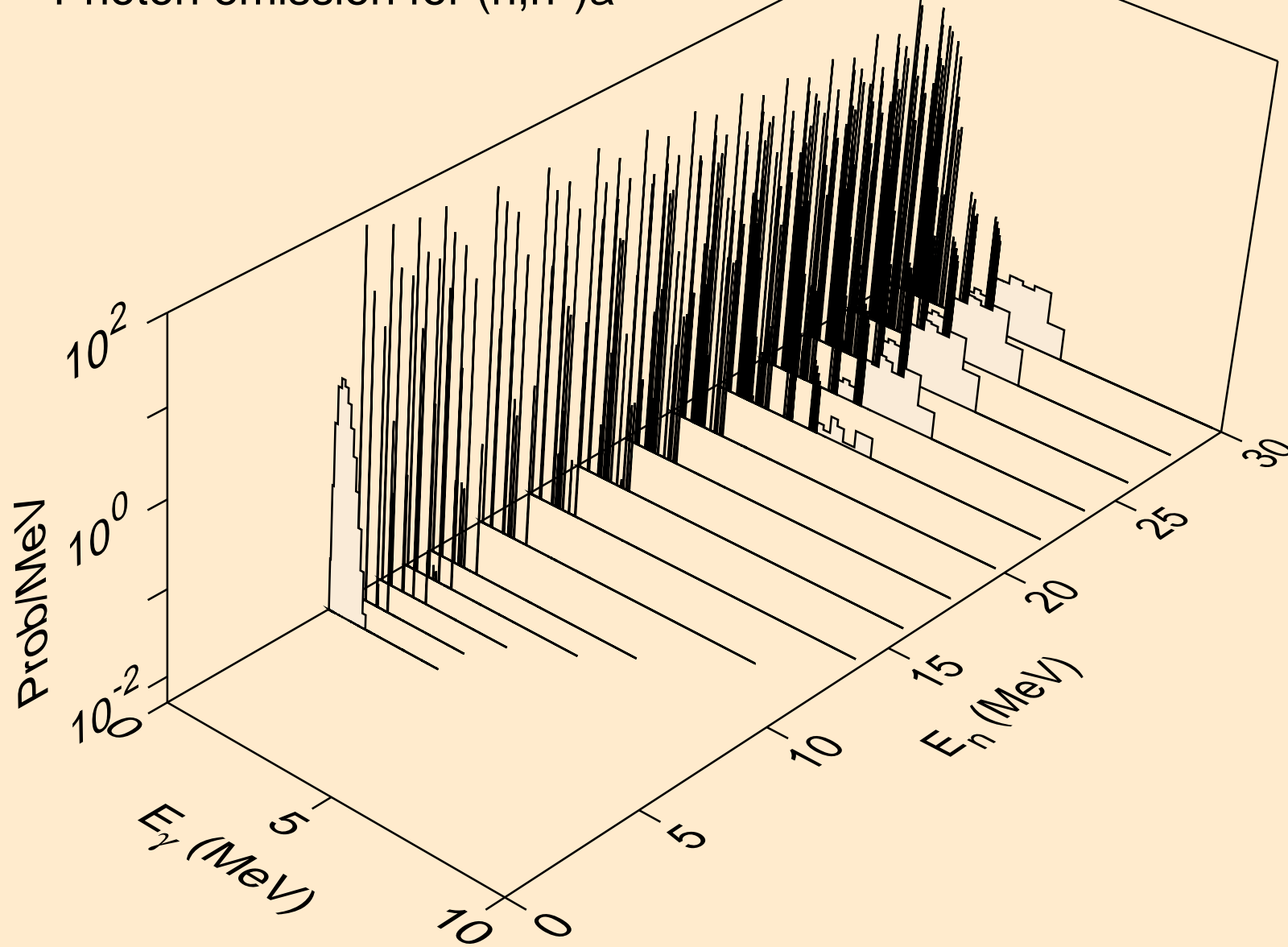
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



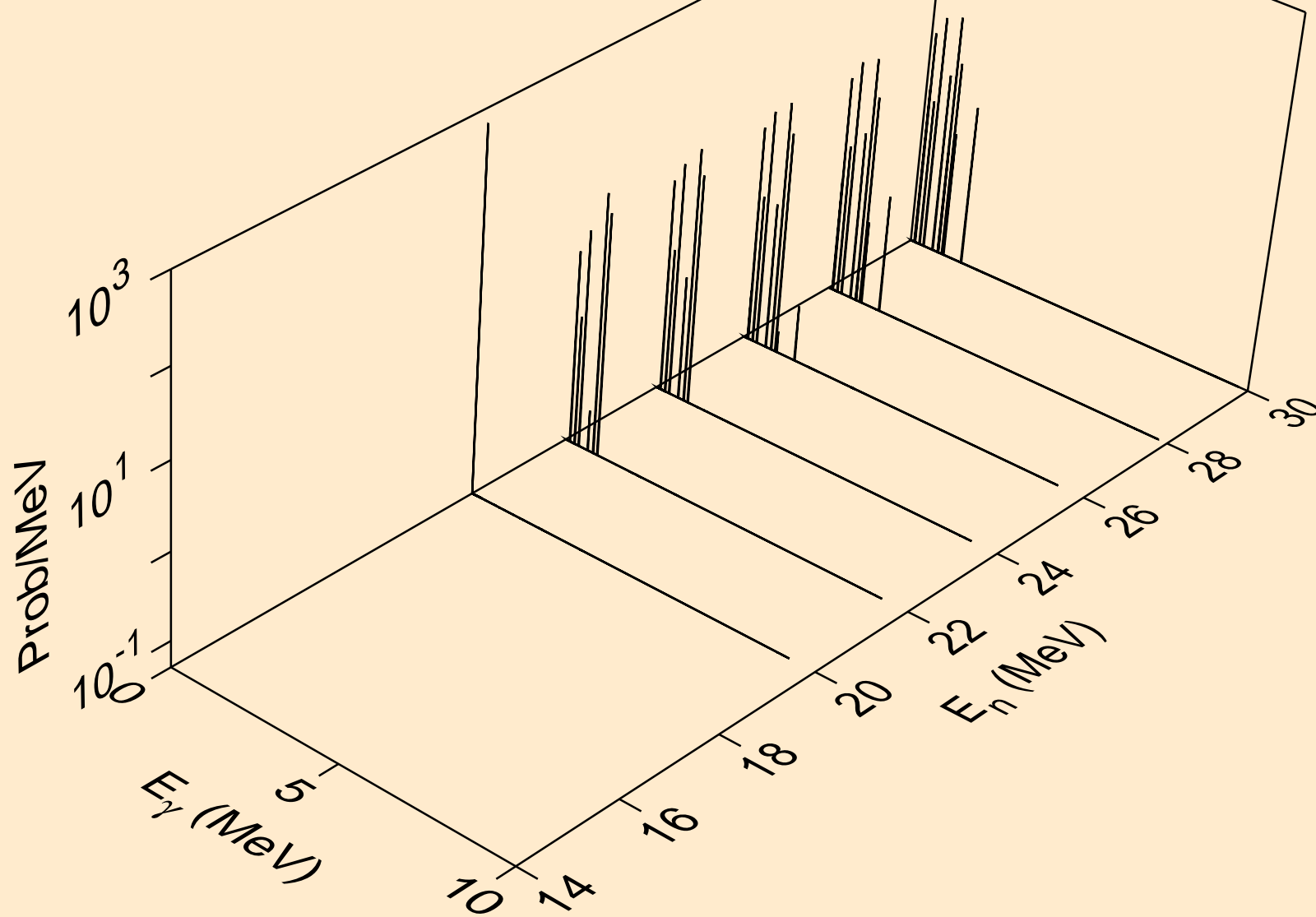
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



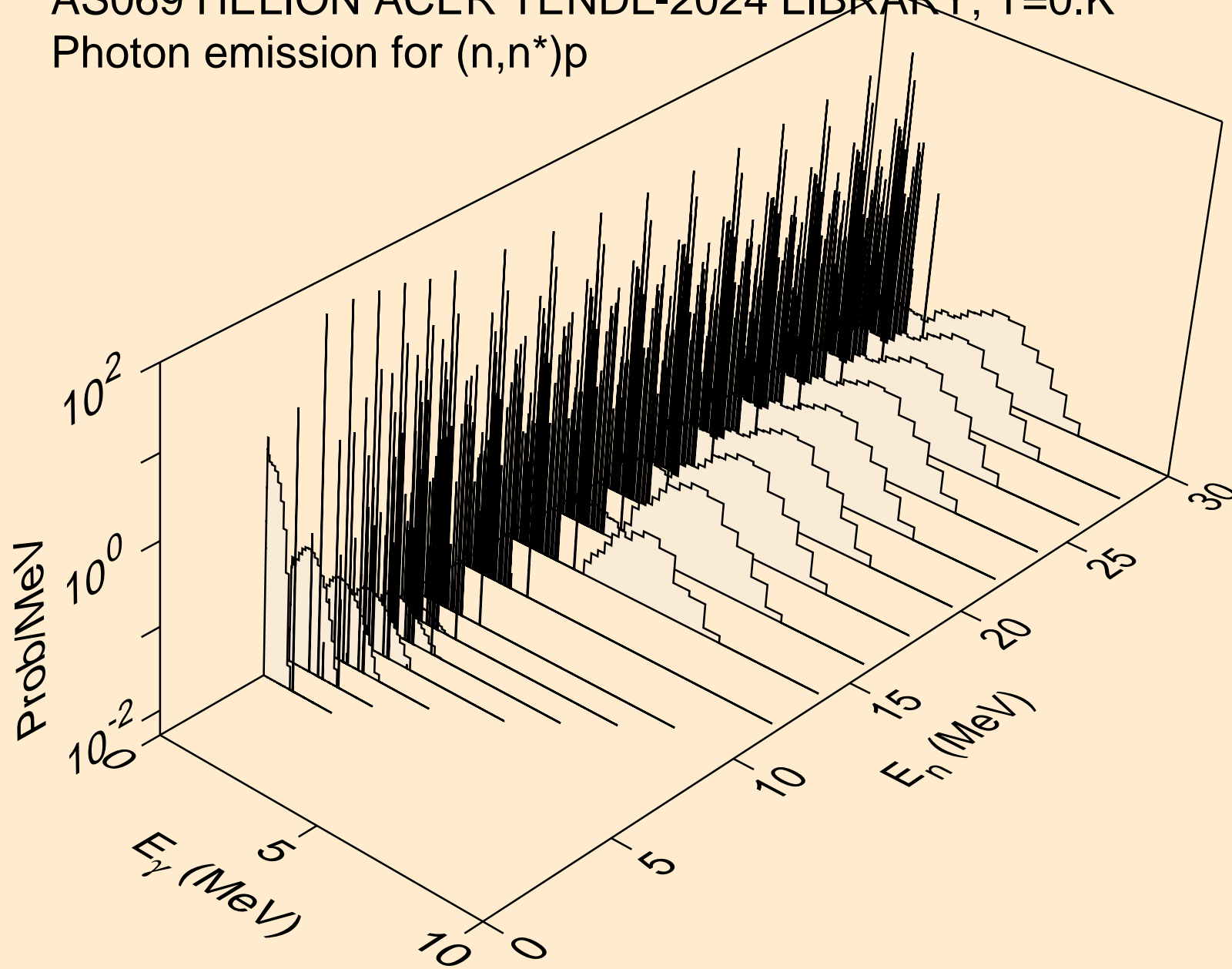
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



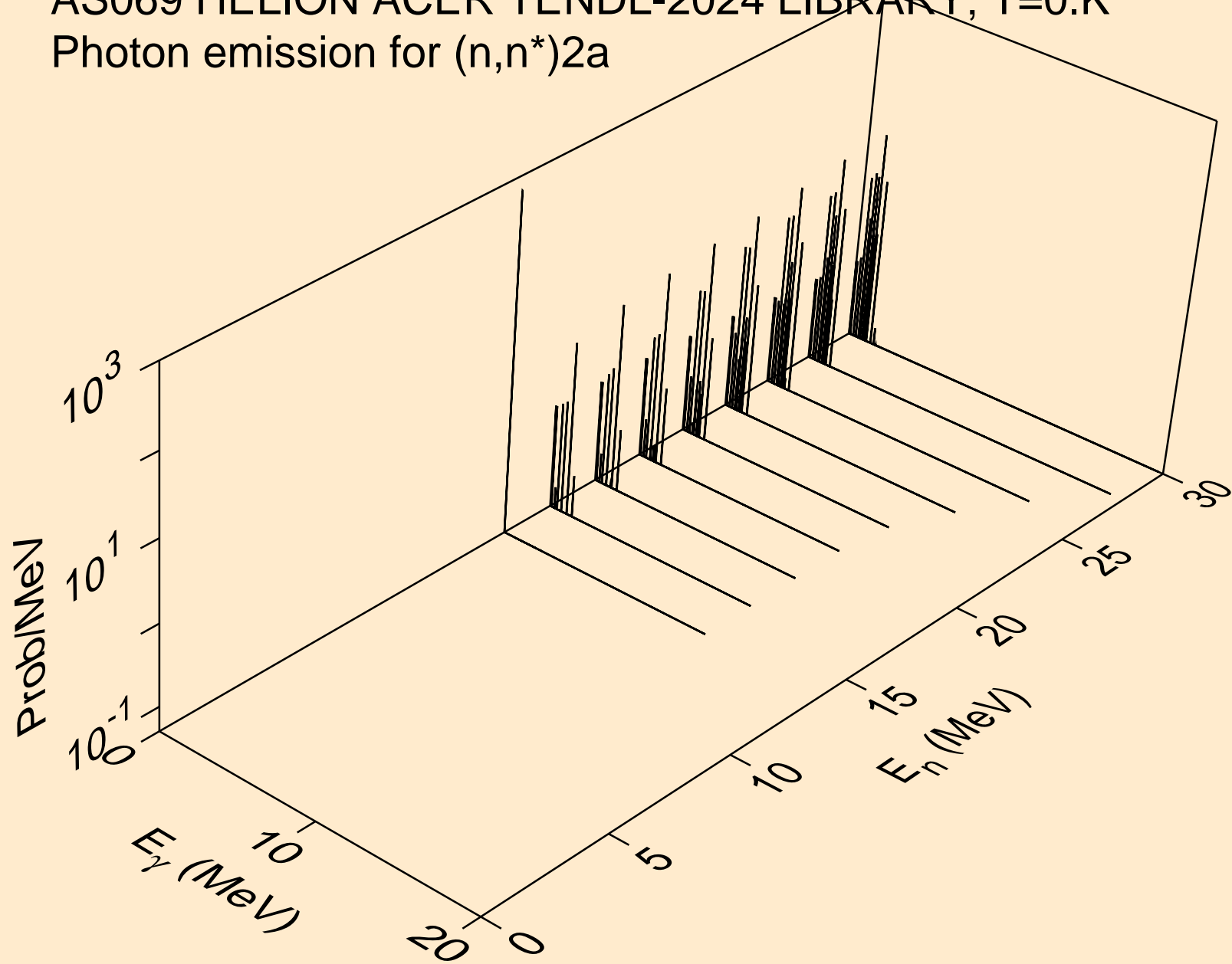
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



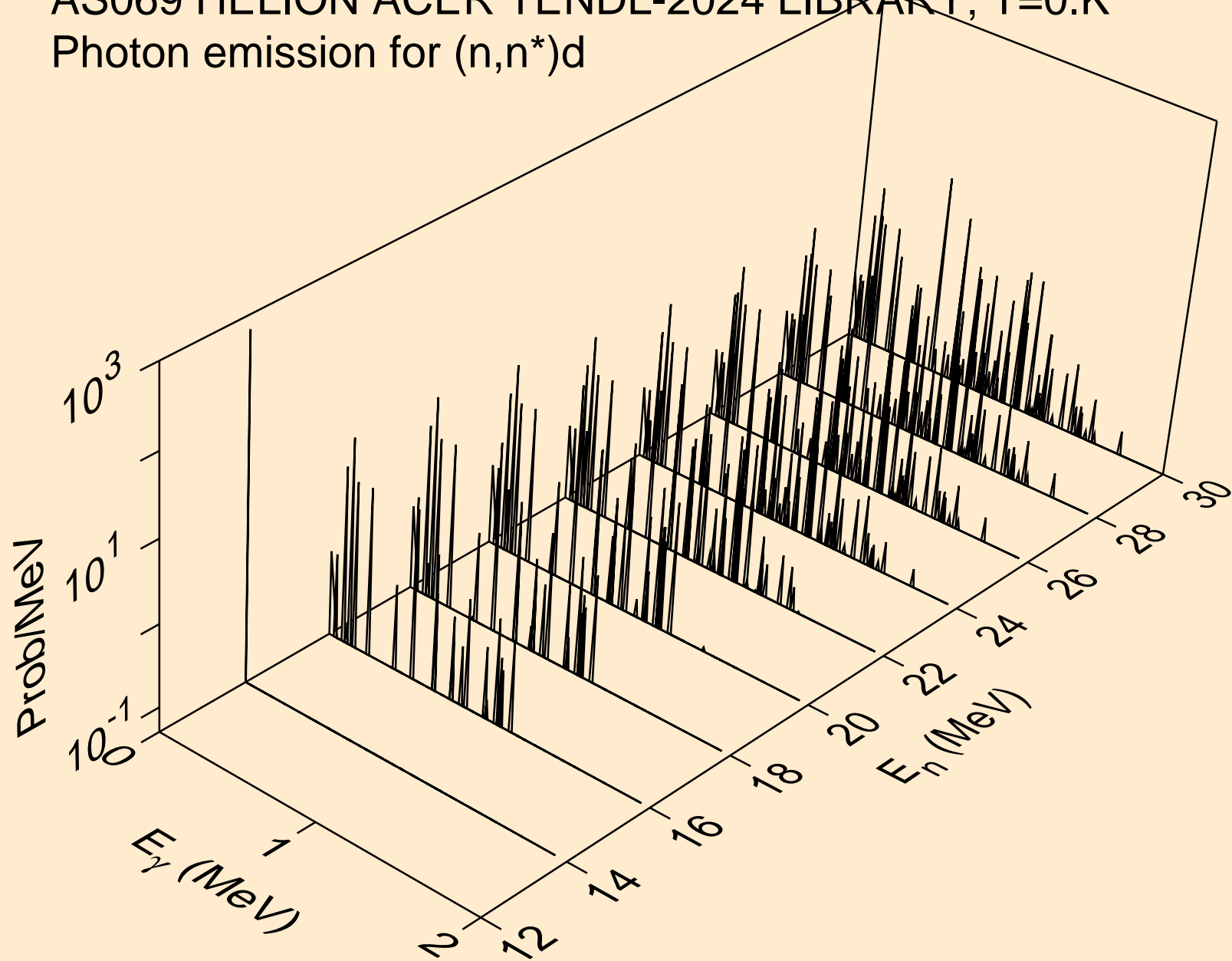
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



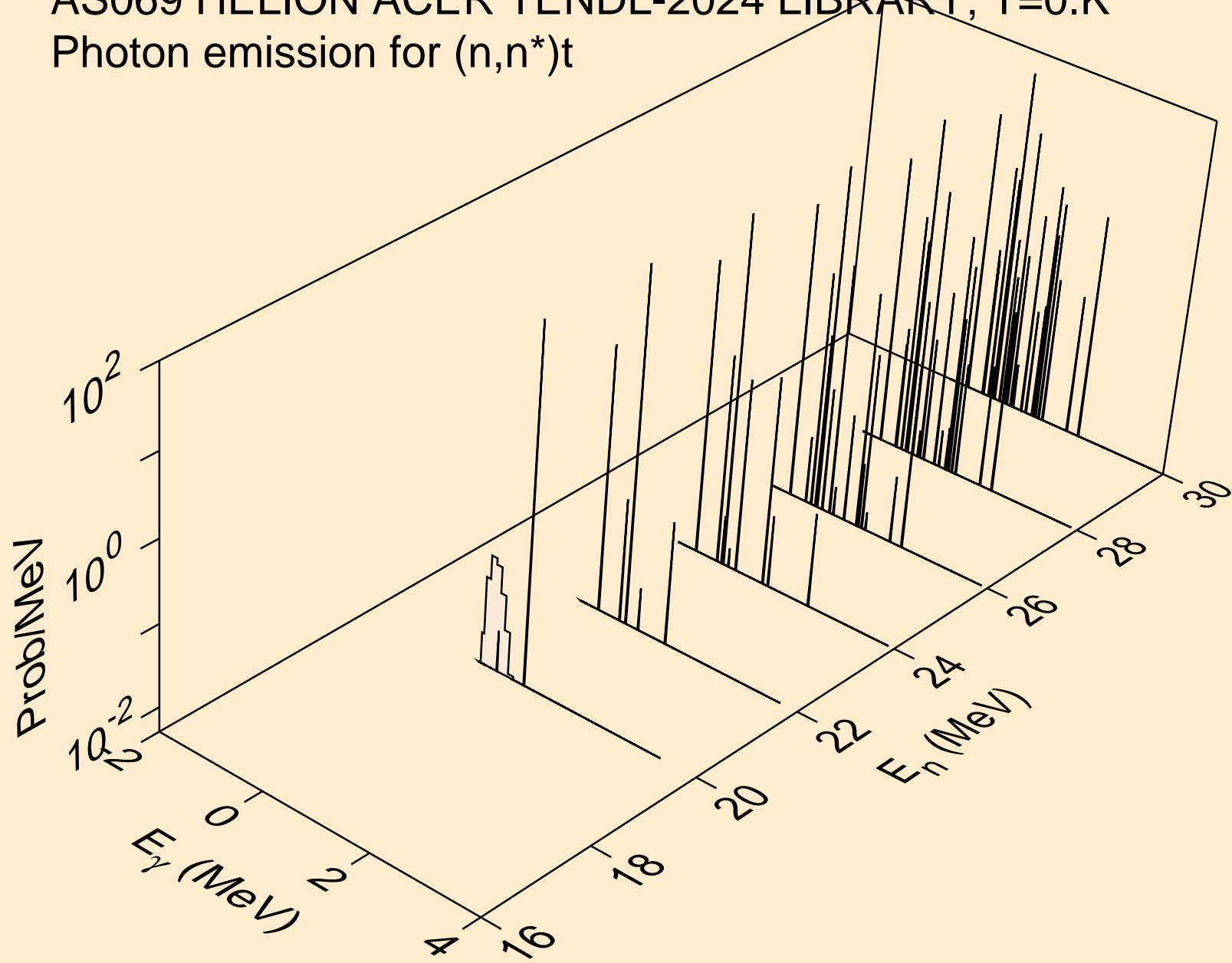
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



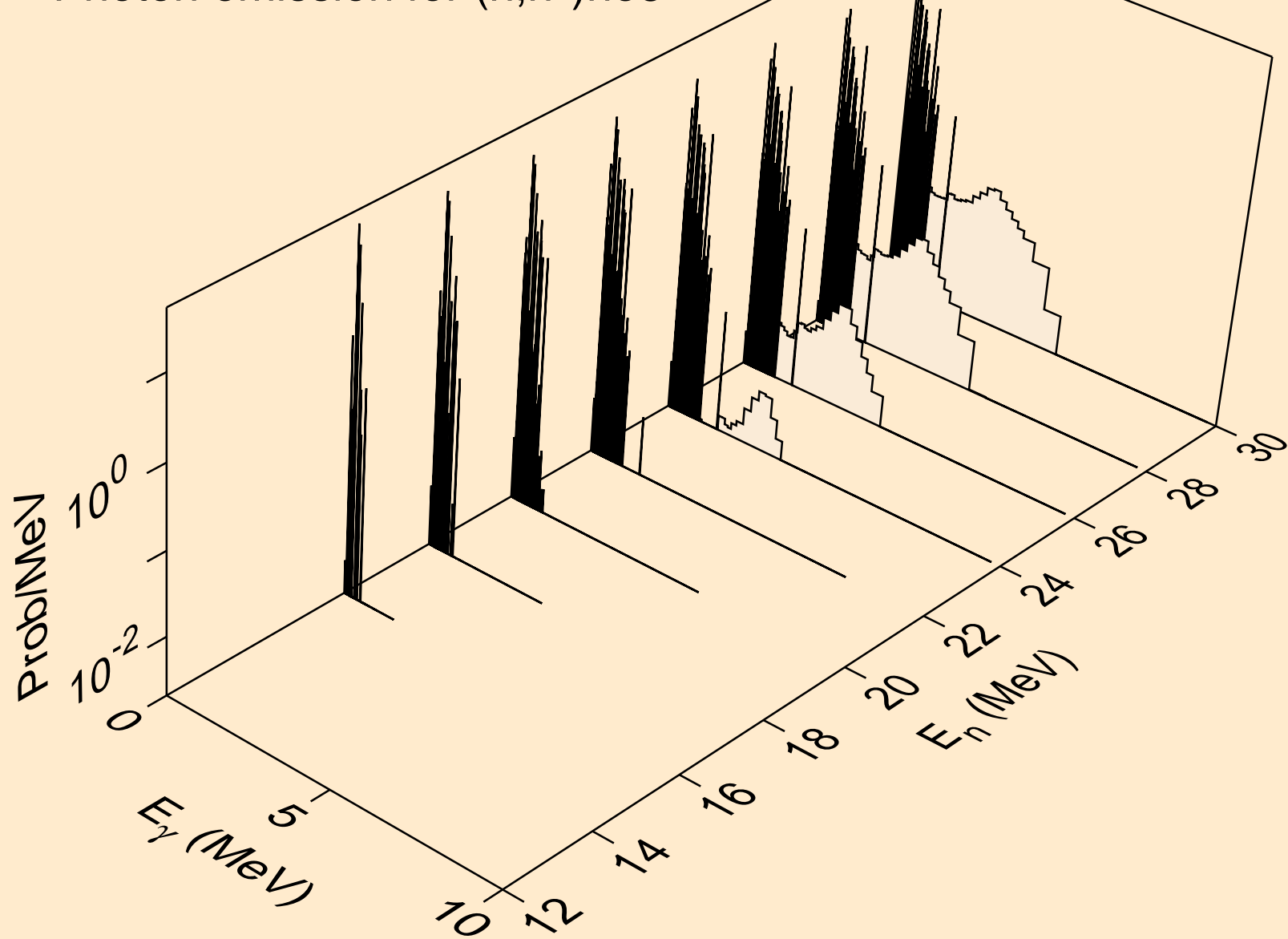
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



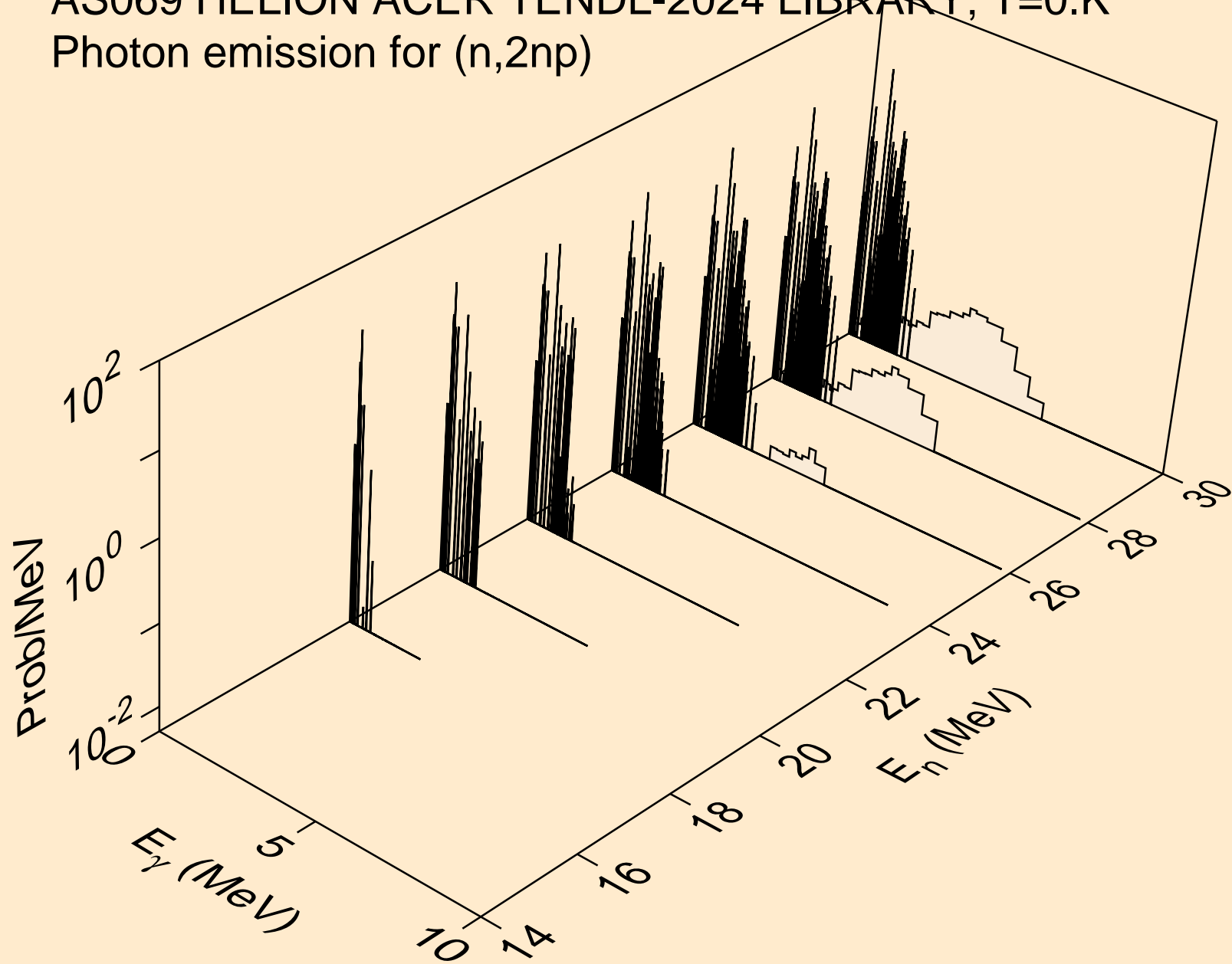
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



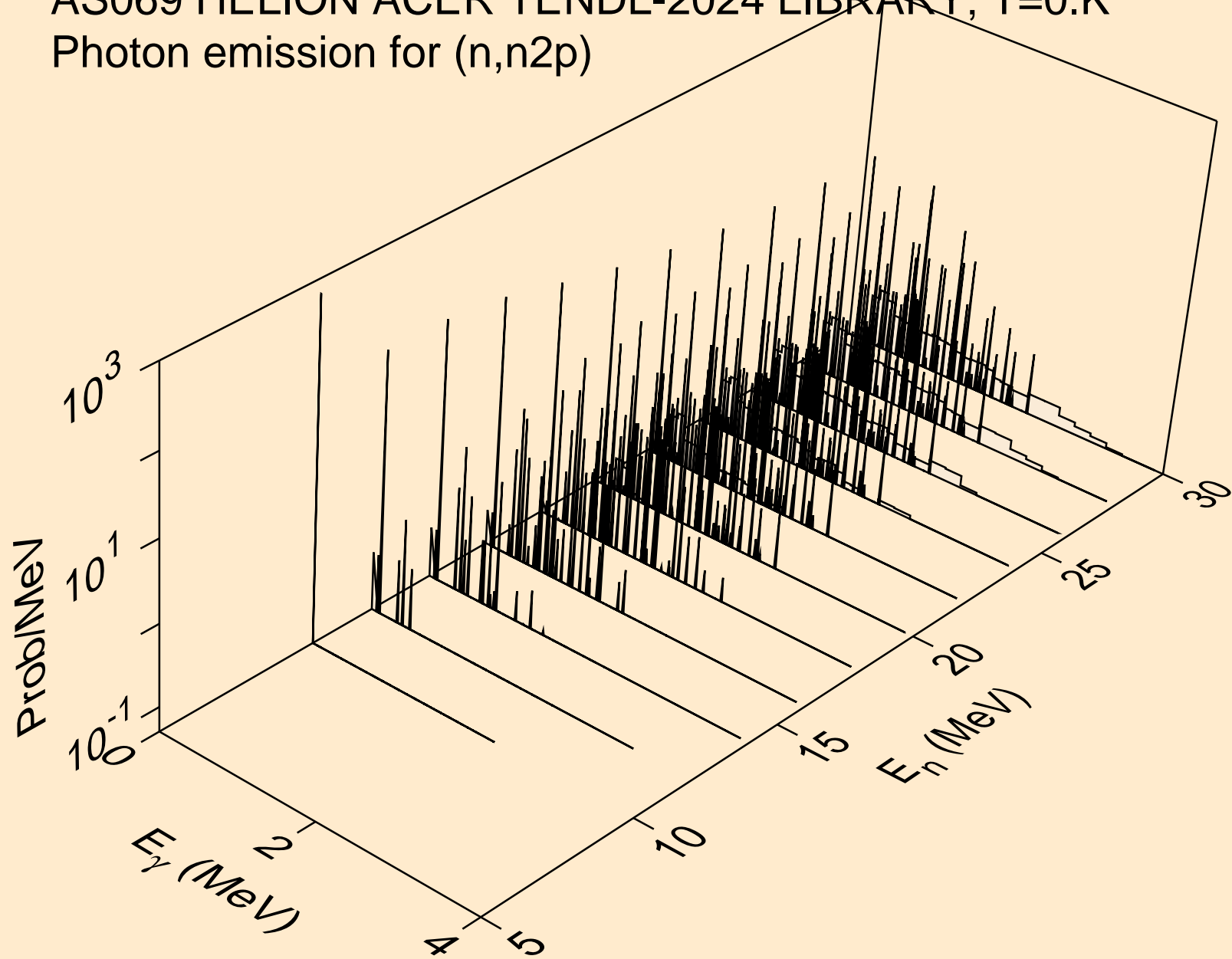
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



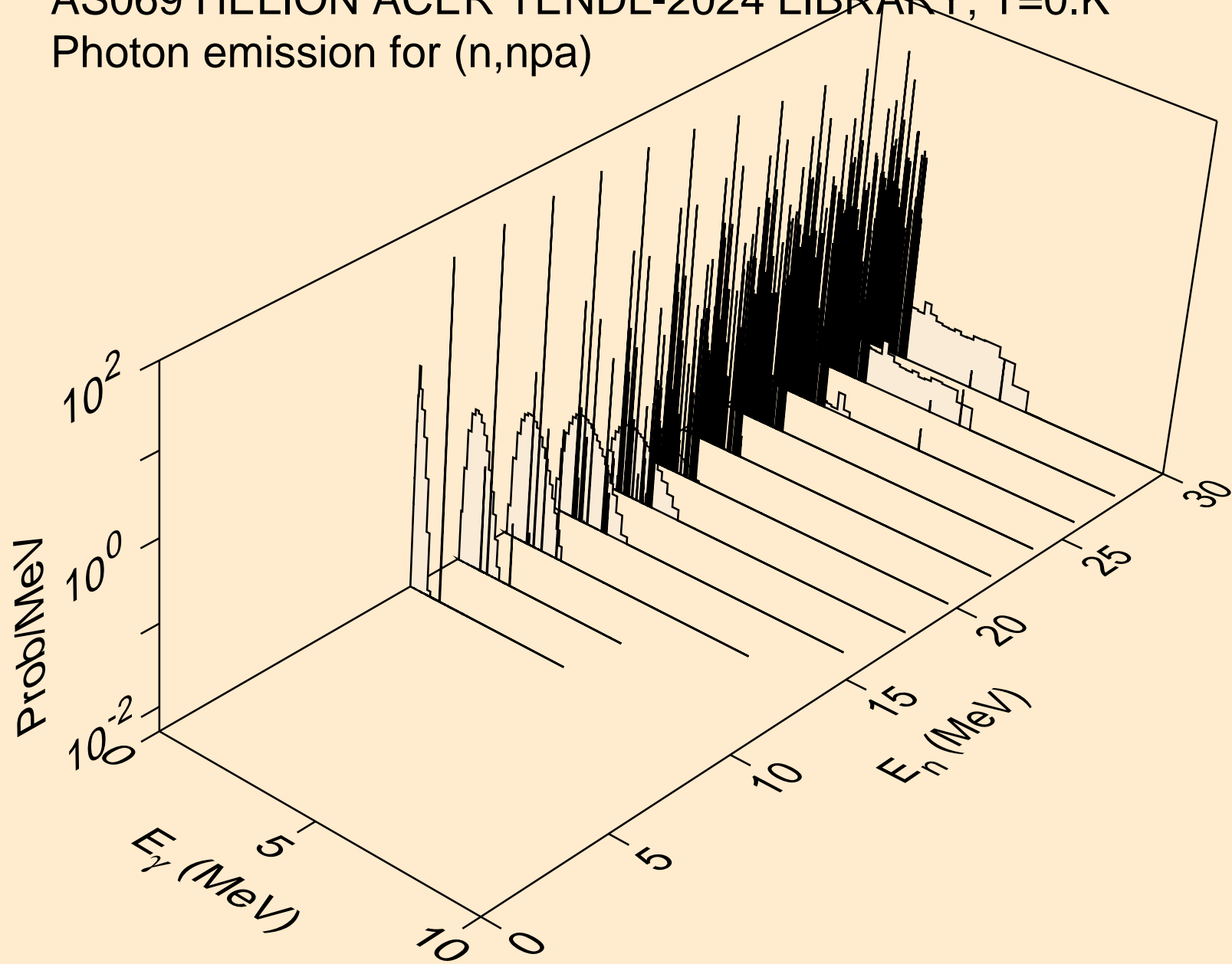
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



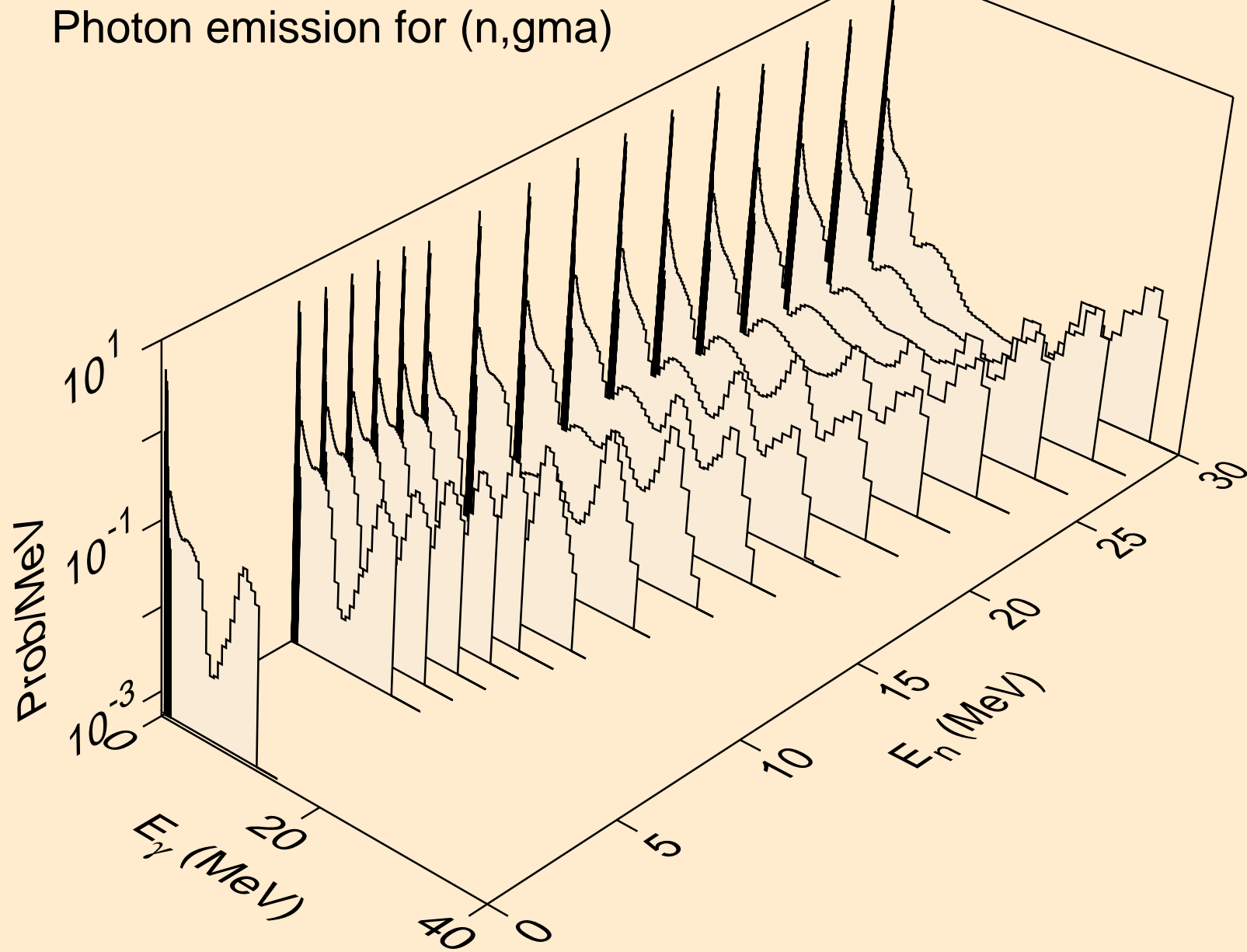
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



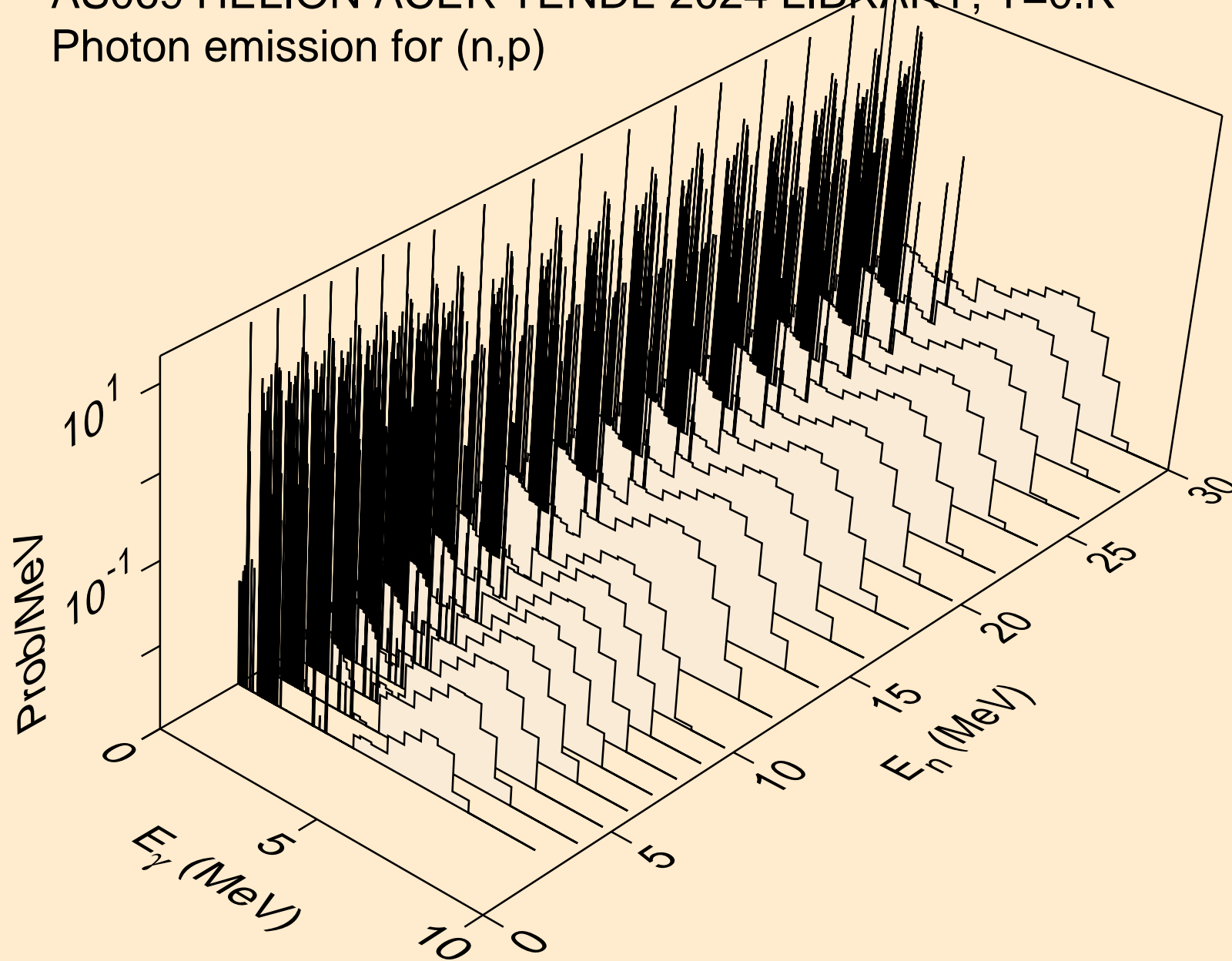
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



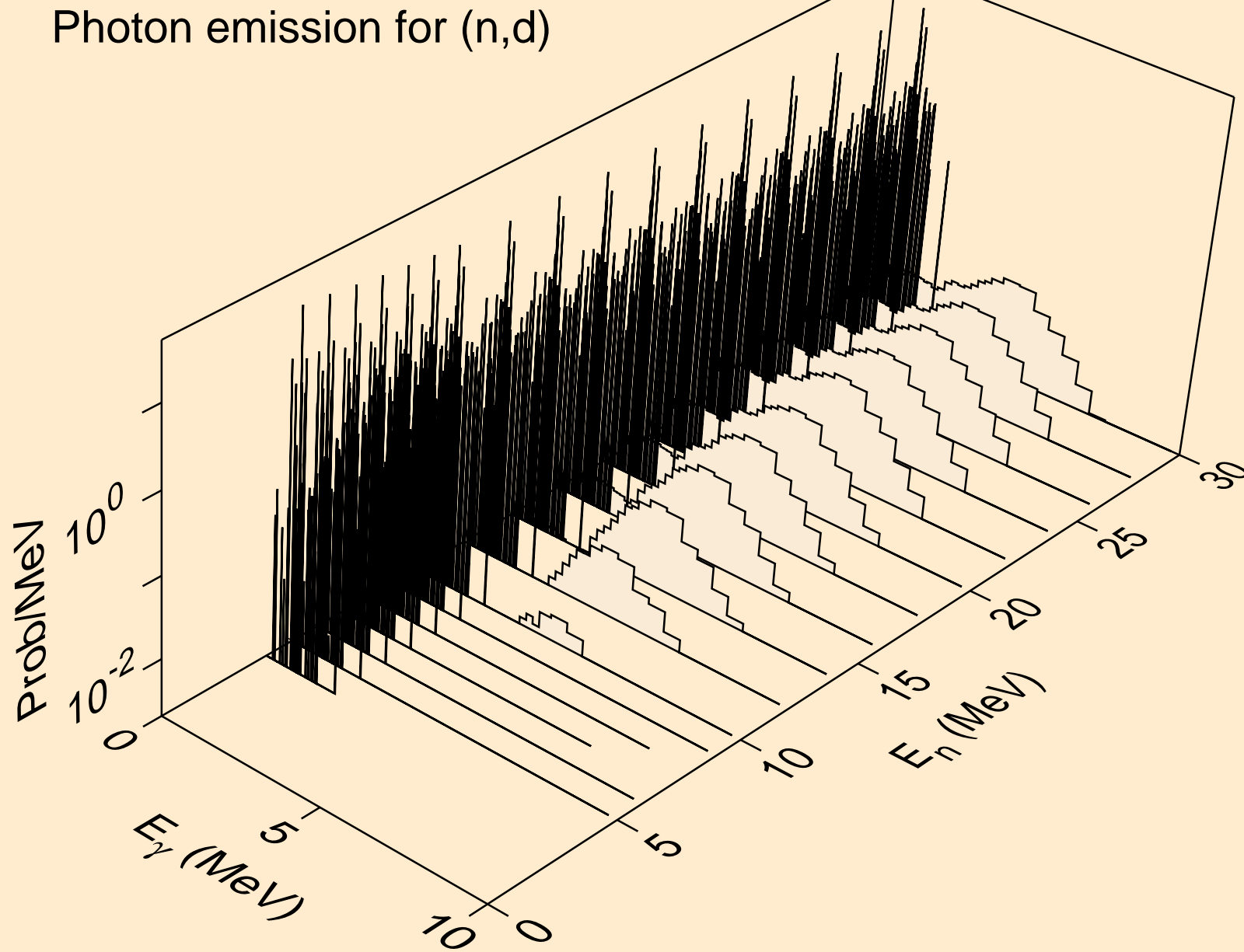
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



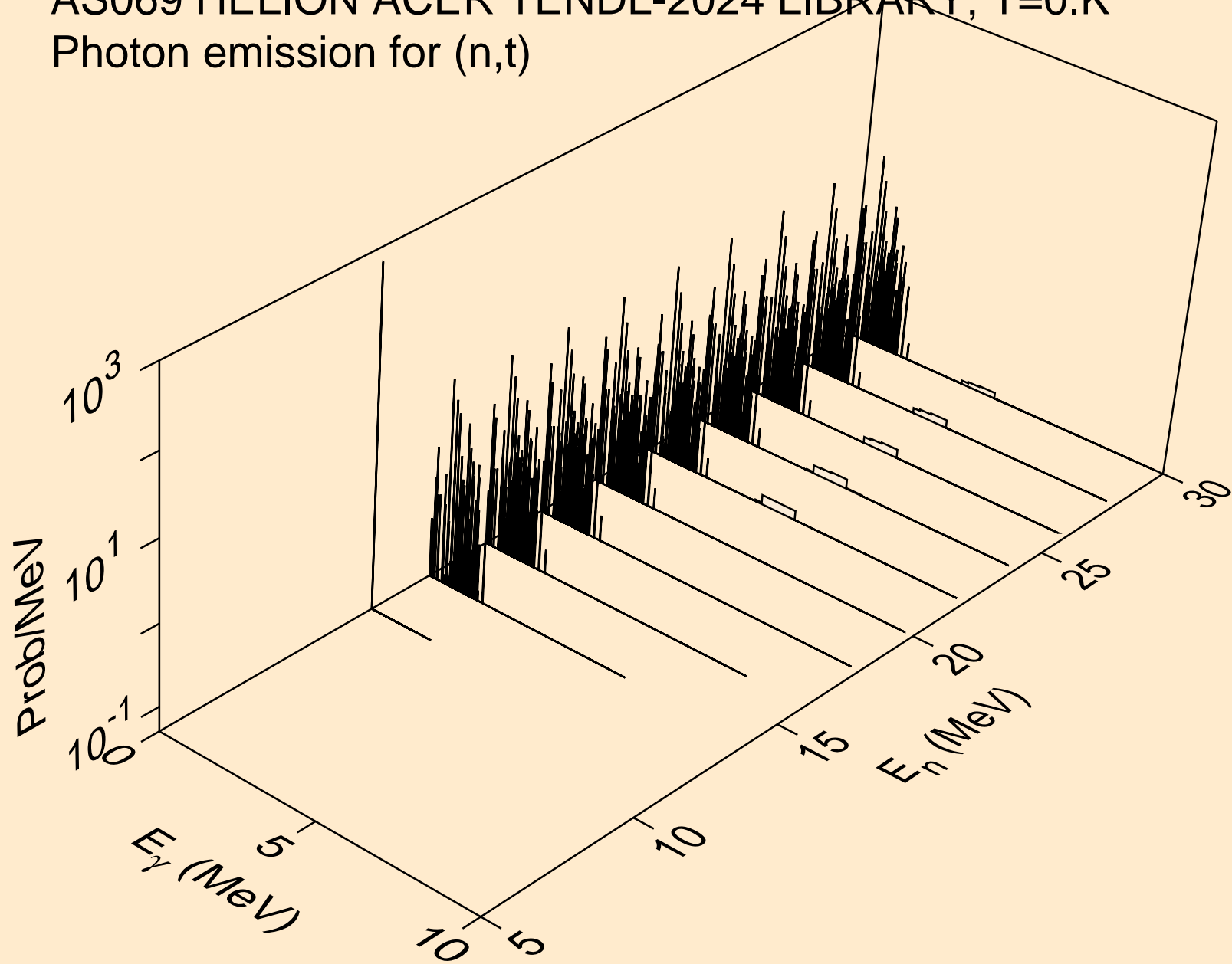
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



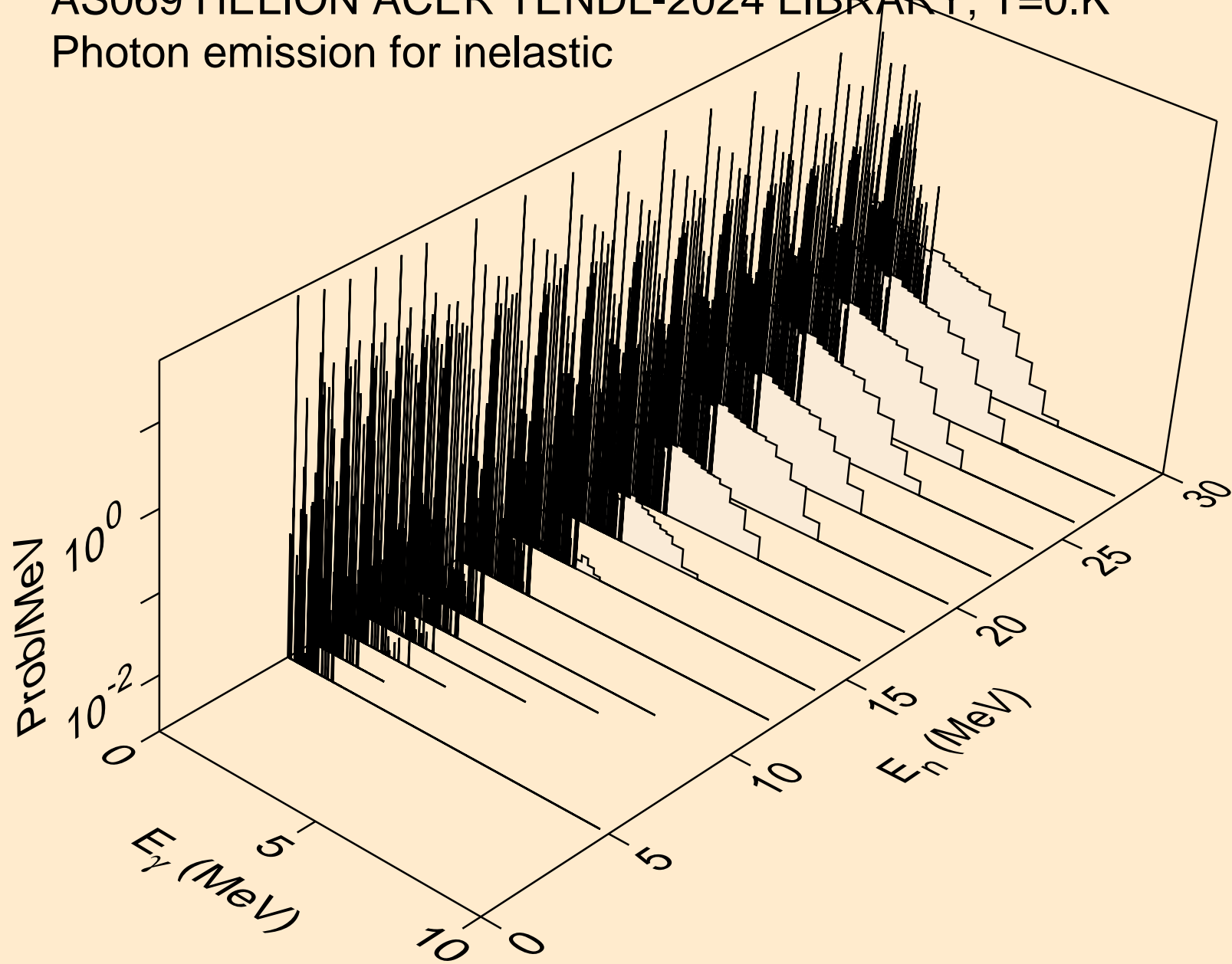
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



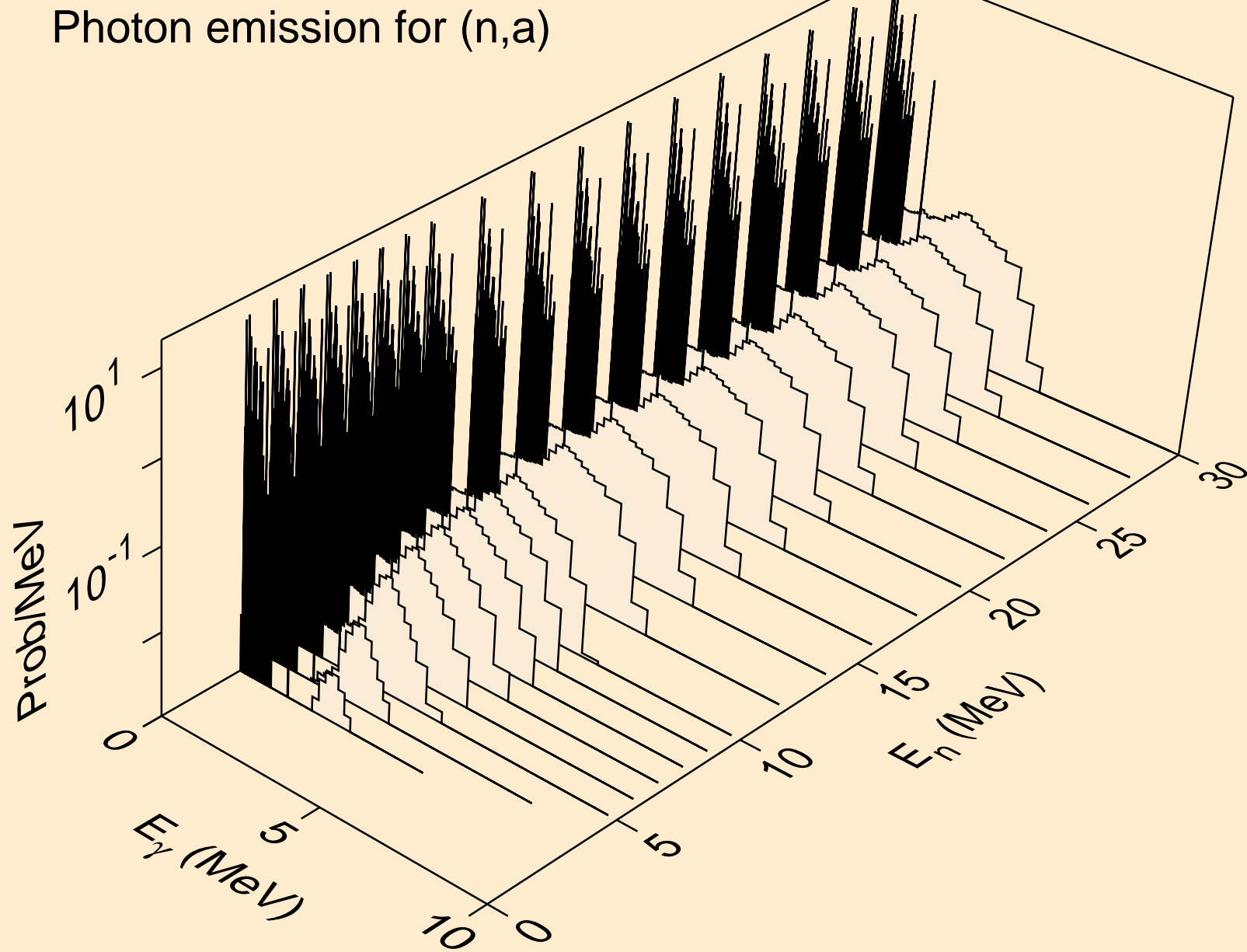
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



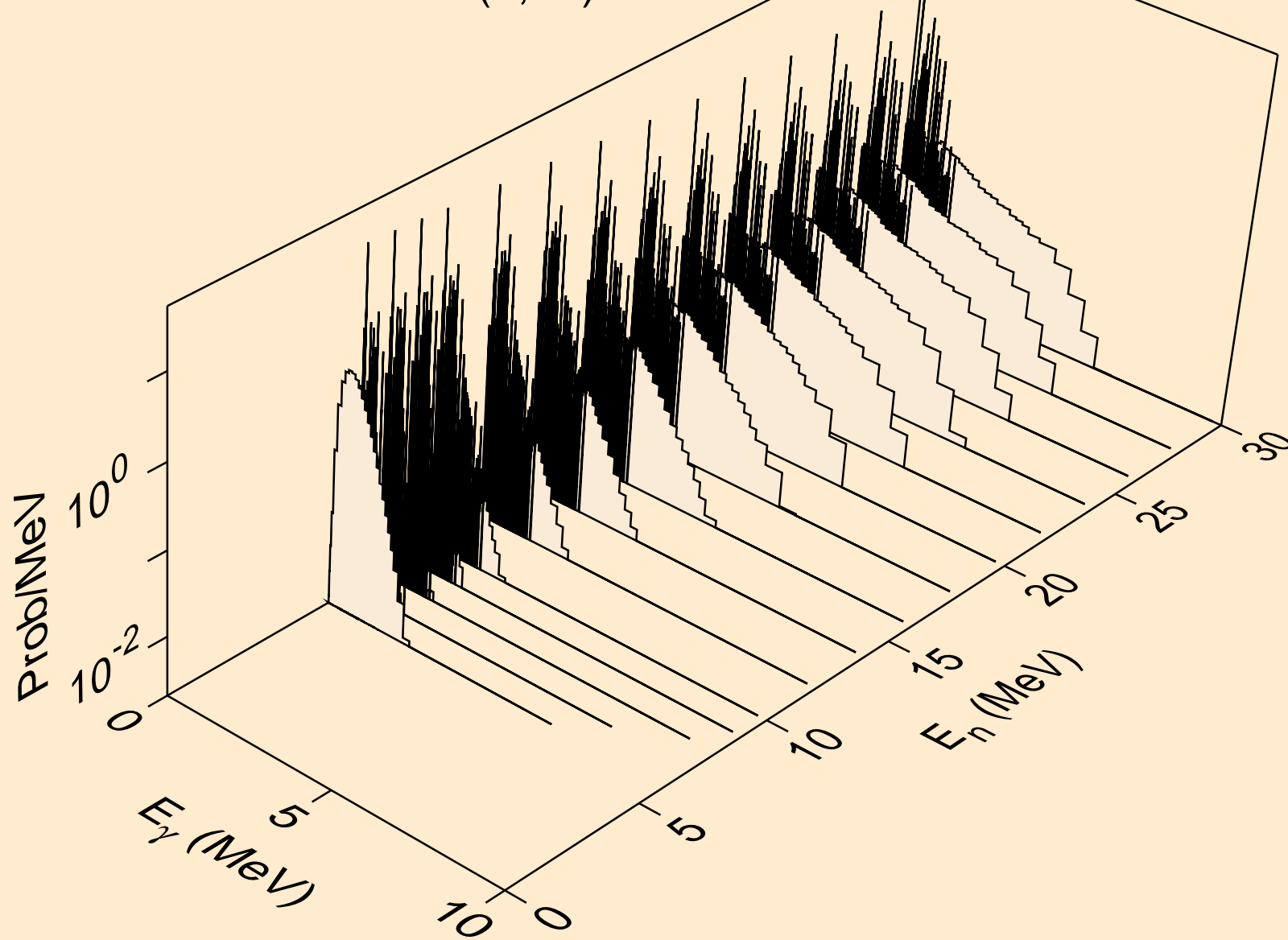
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic



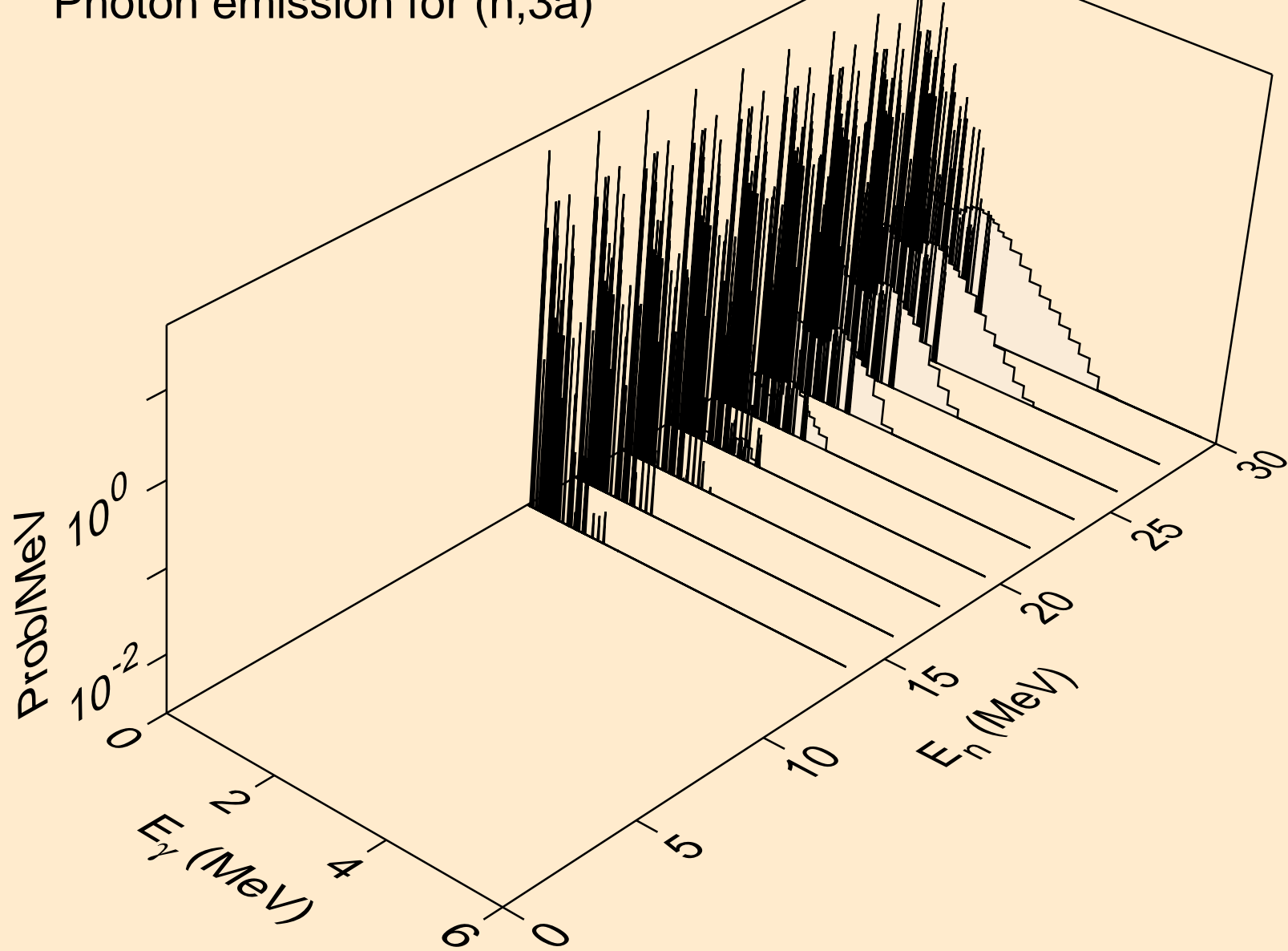
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



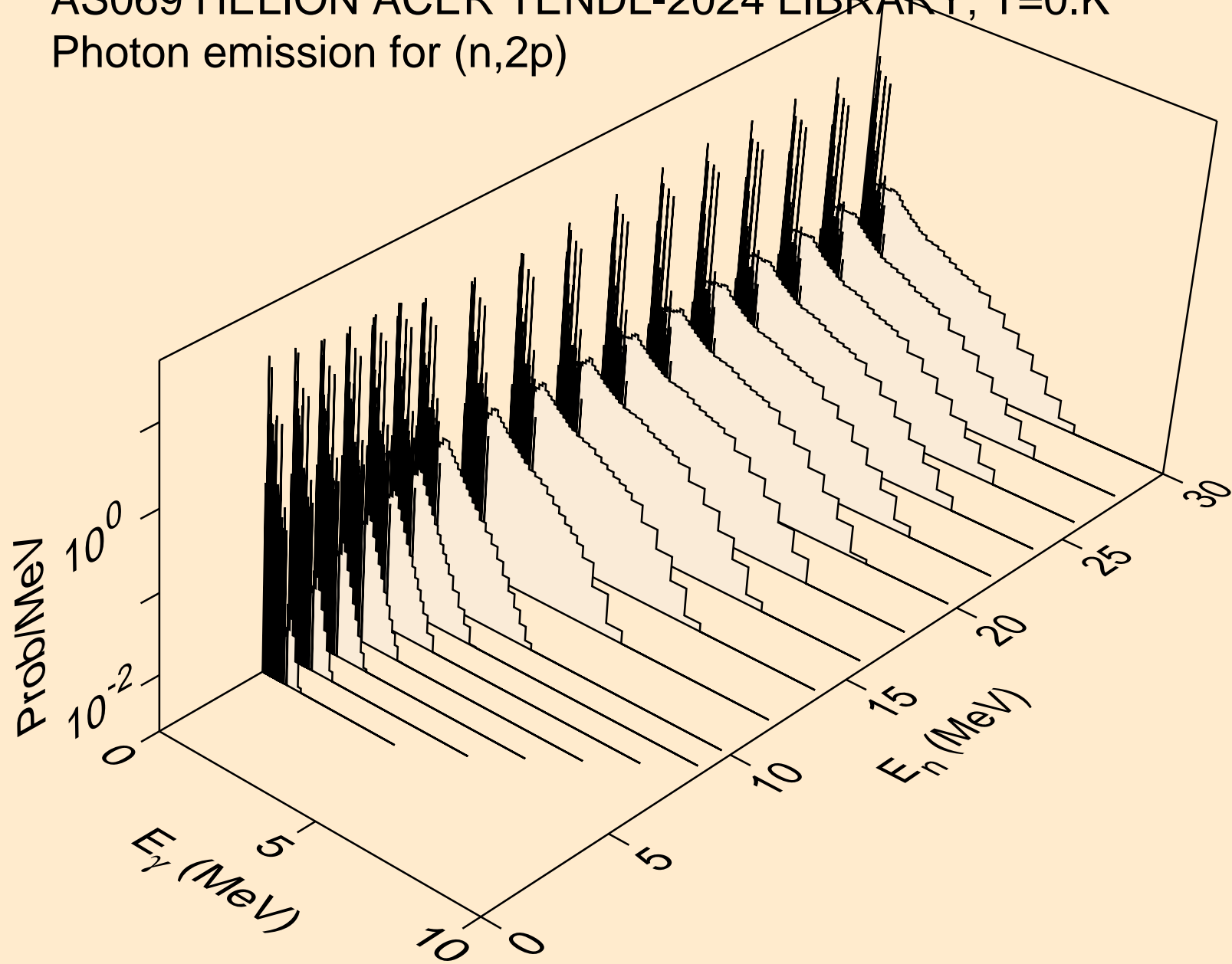
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



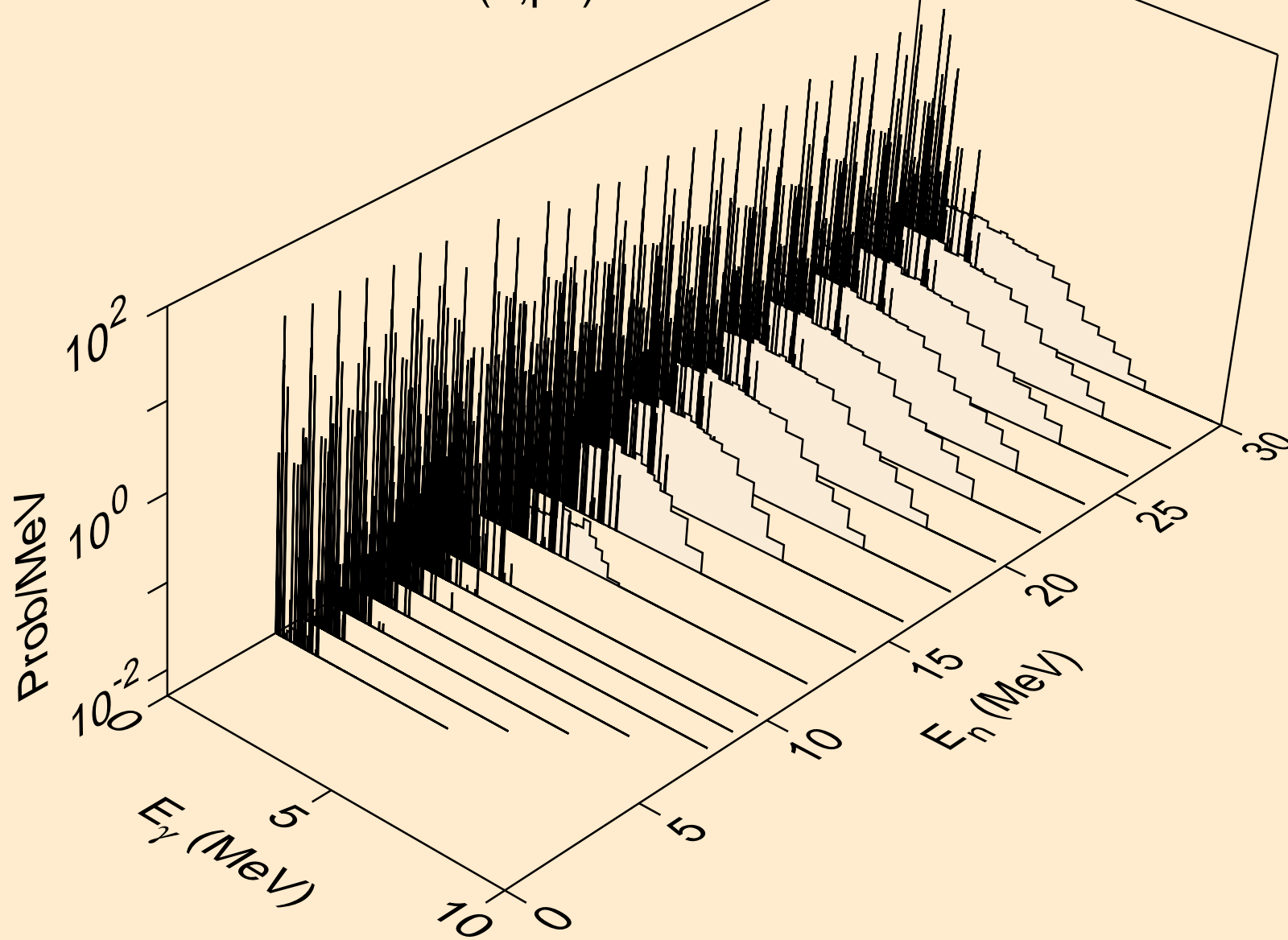
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3a)



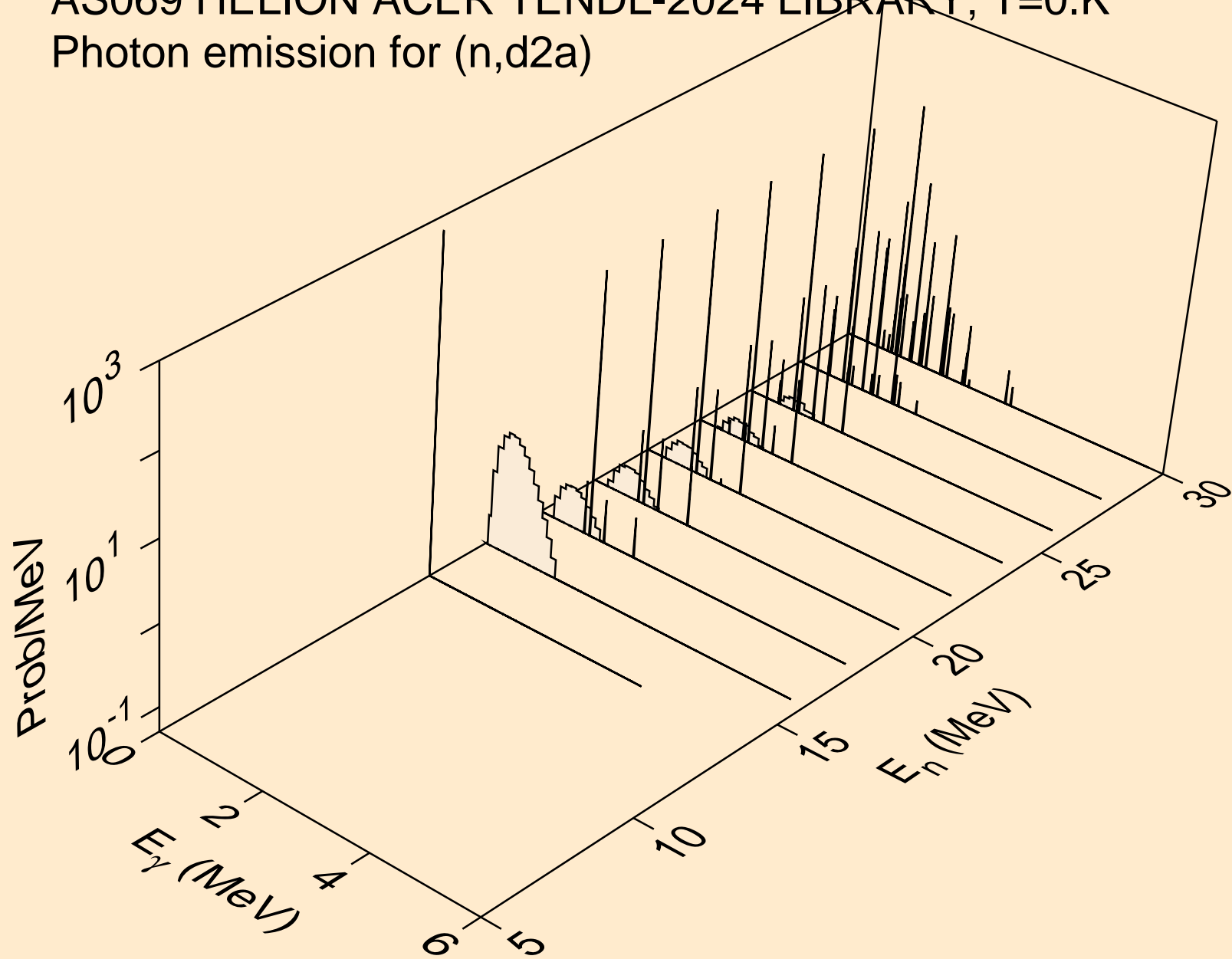
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



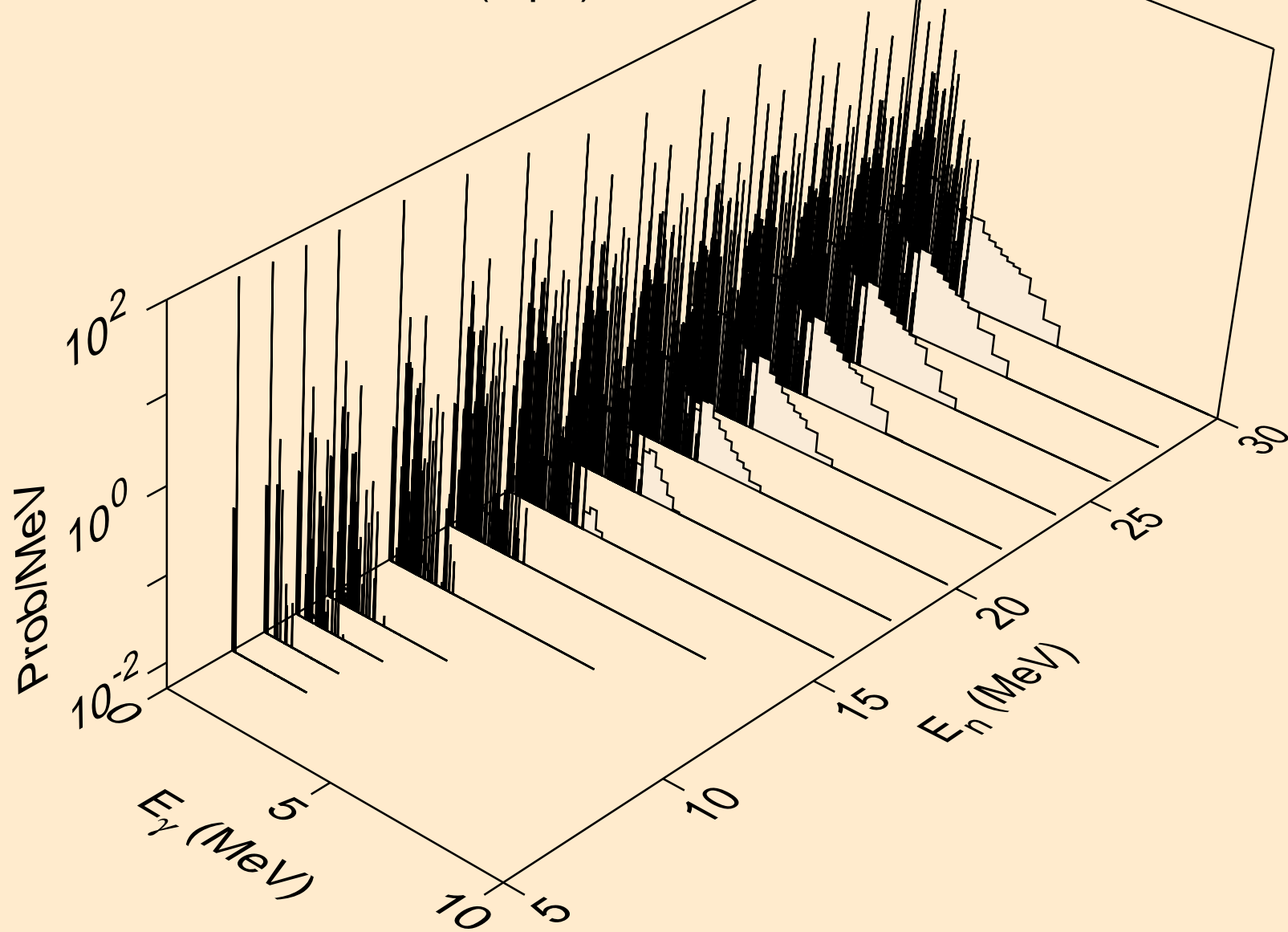
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pa)



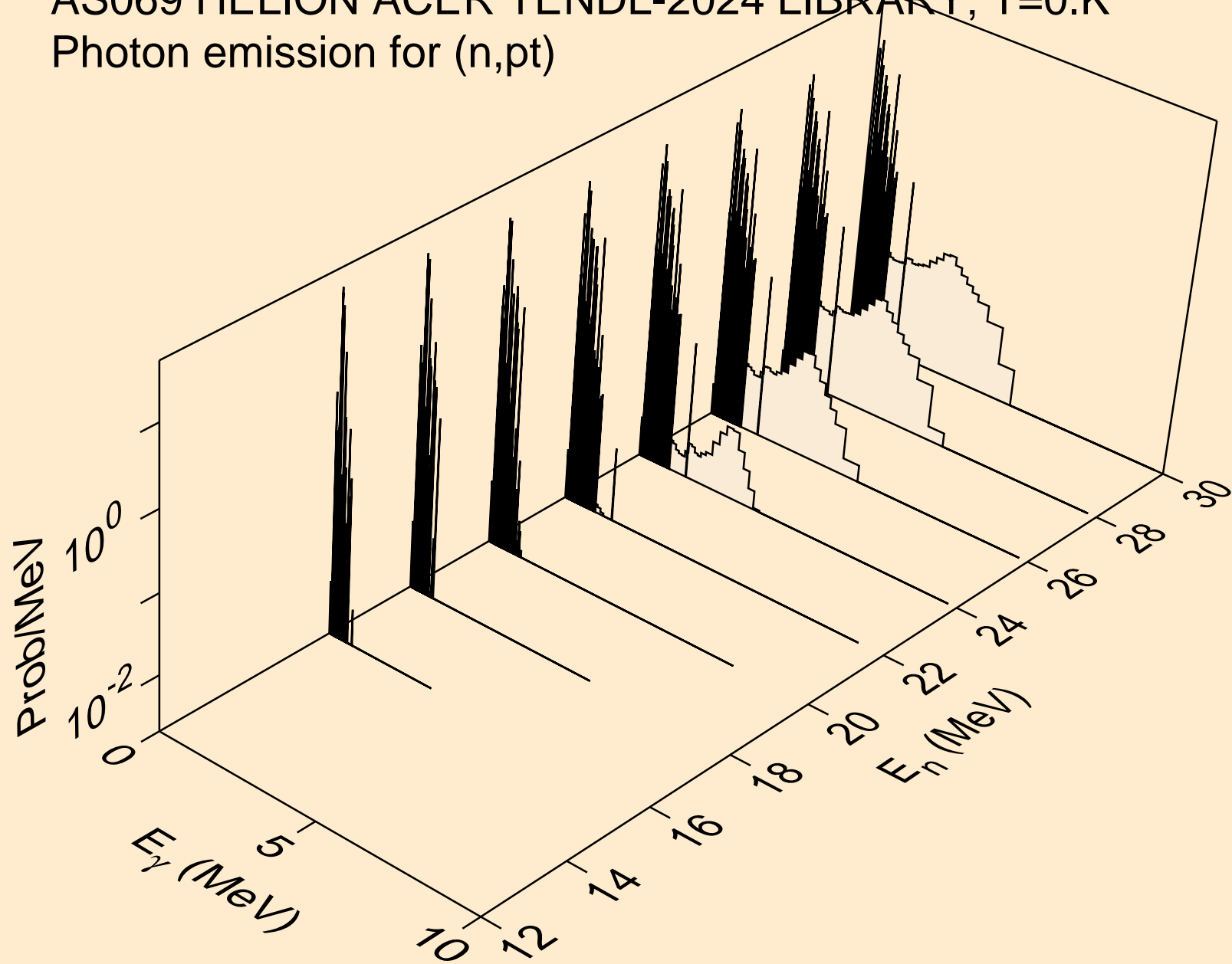
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d2a)



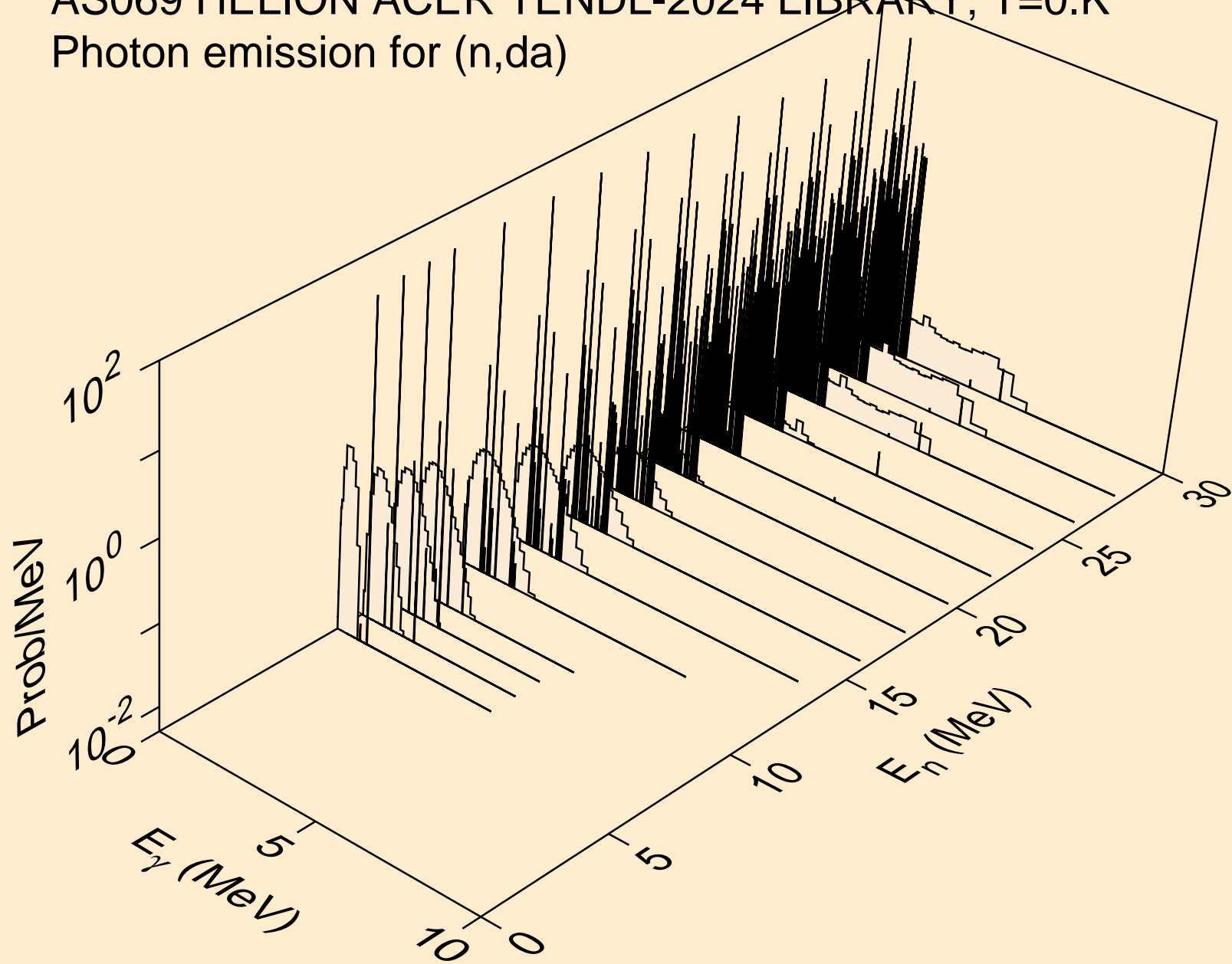
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



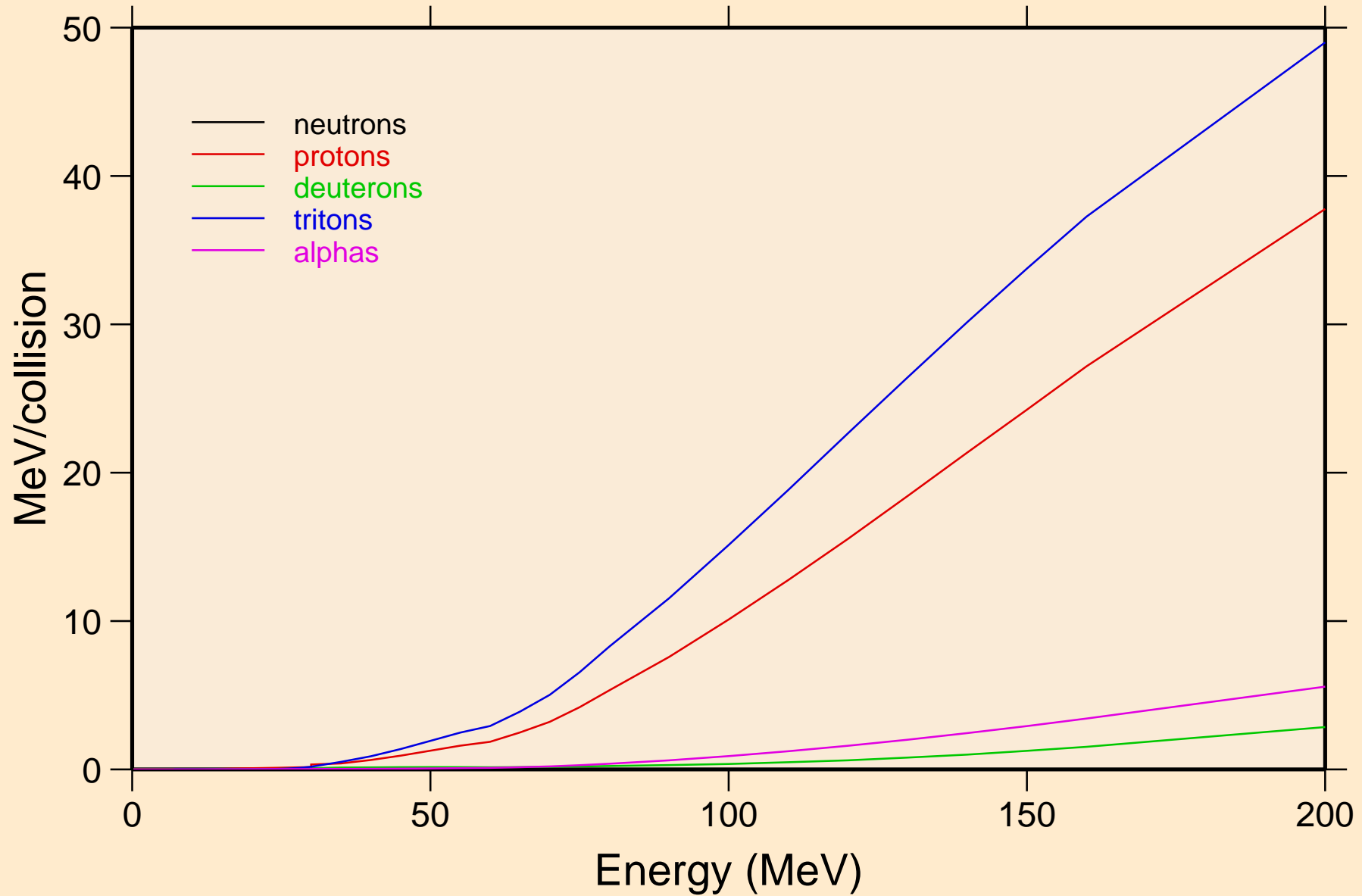
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)

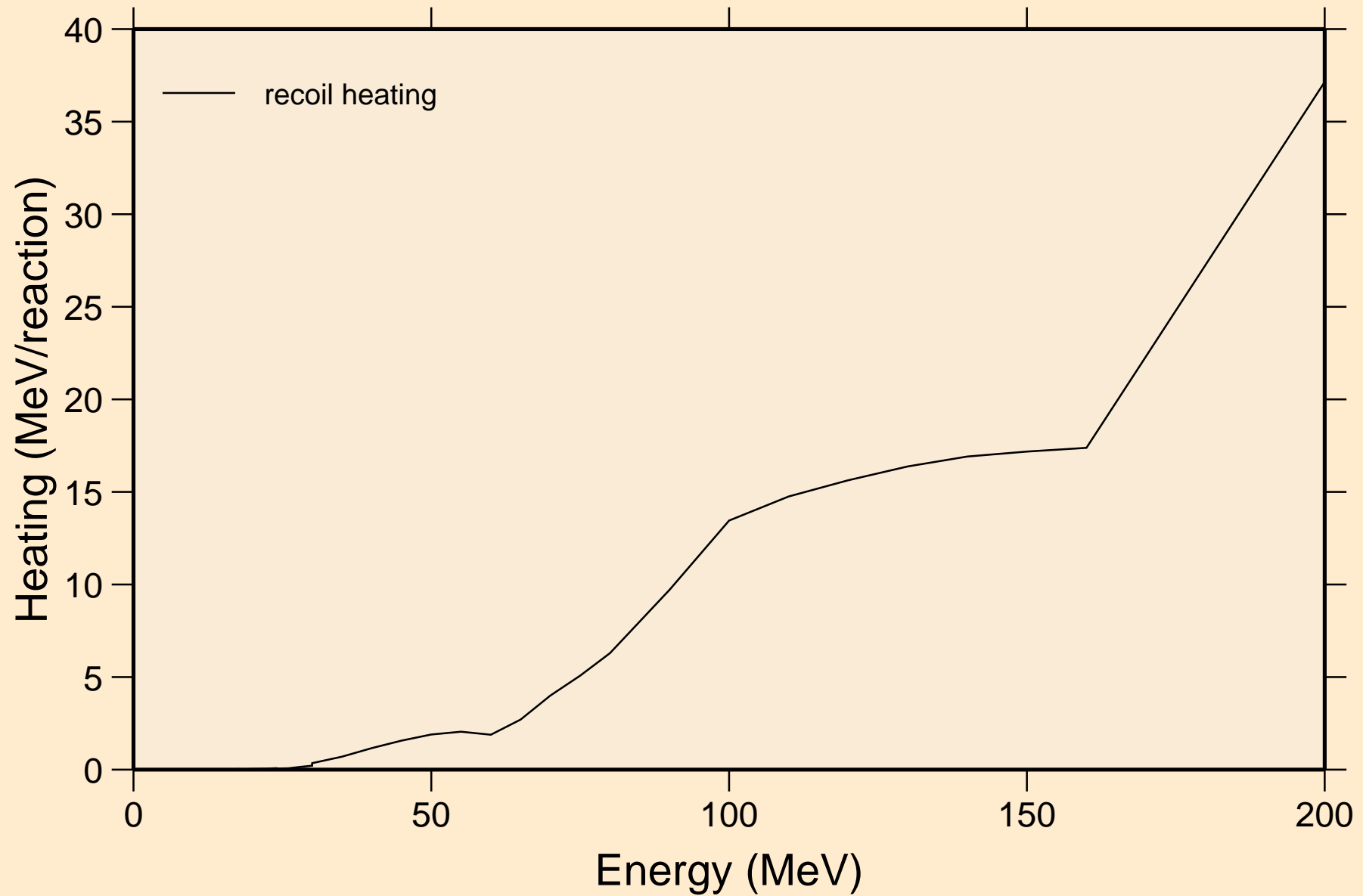


AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Particle heating contributions

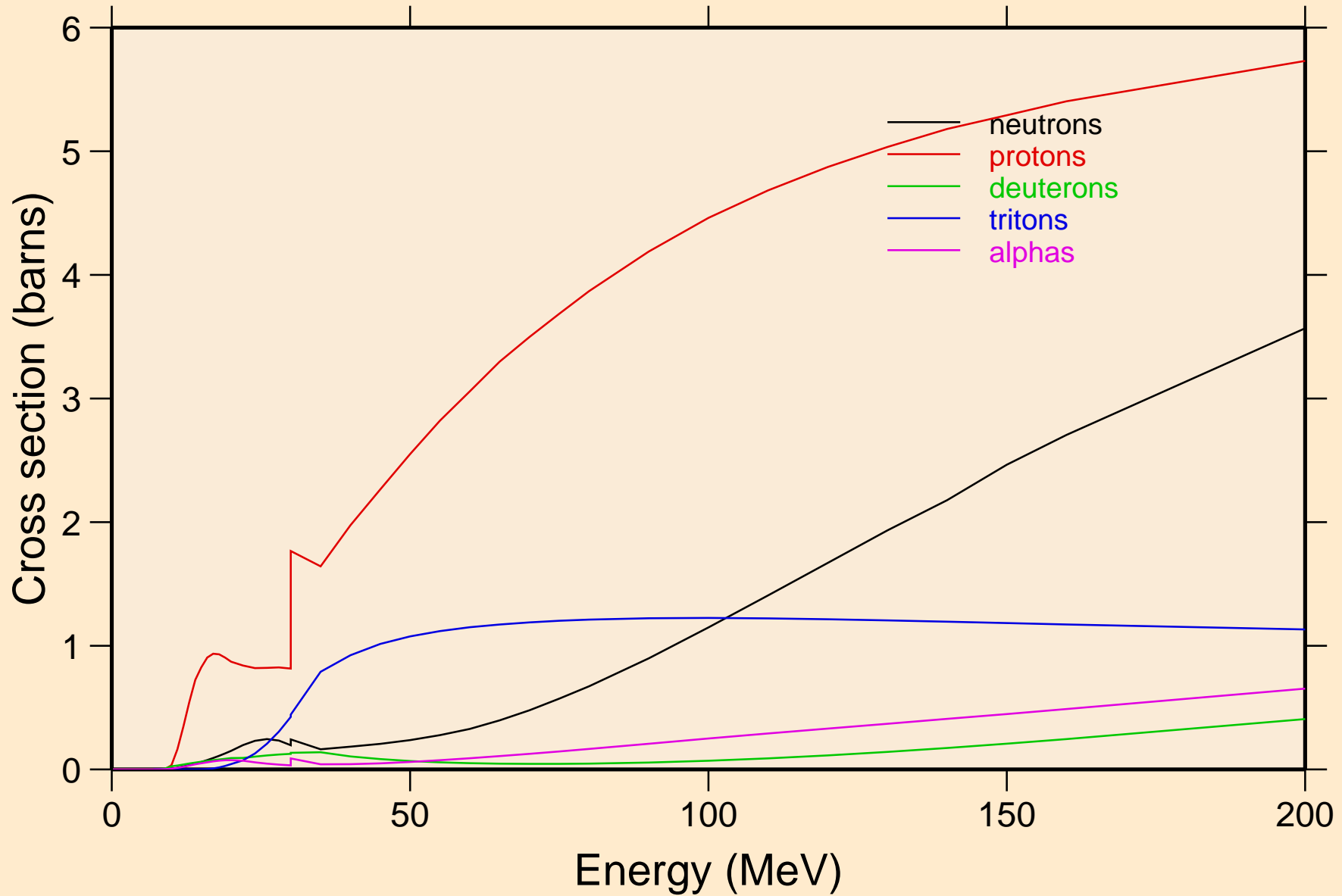


AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K

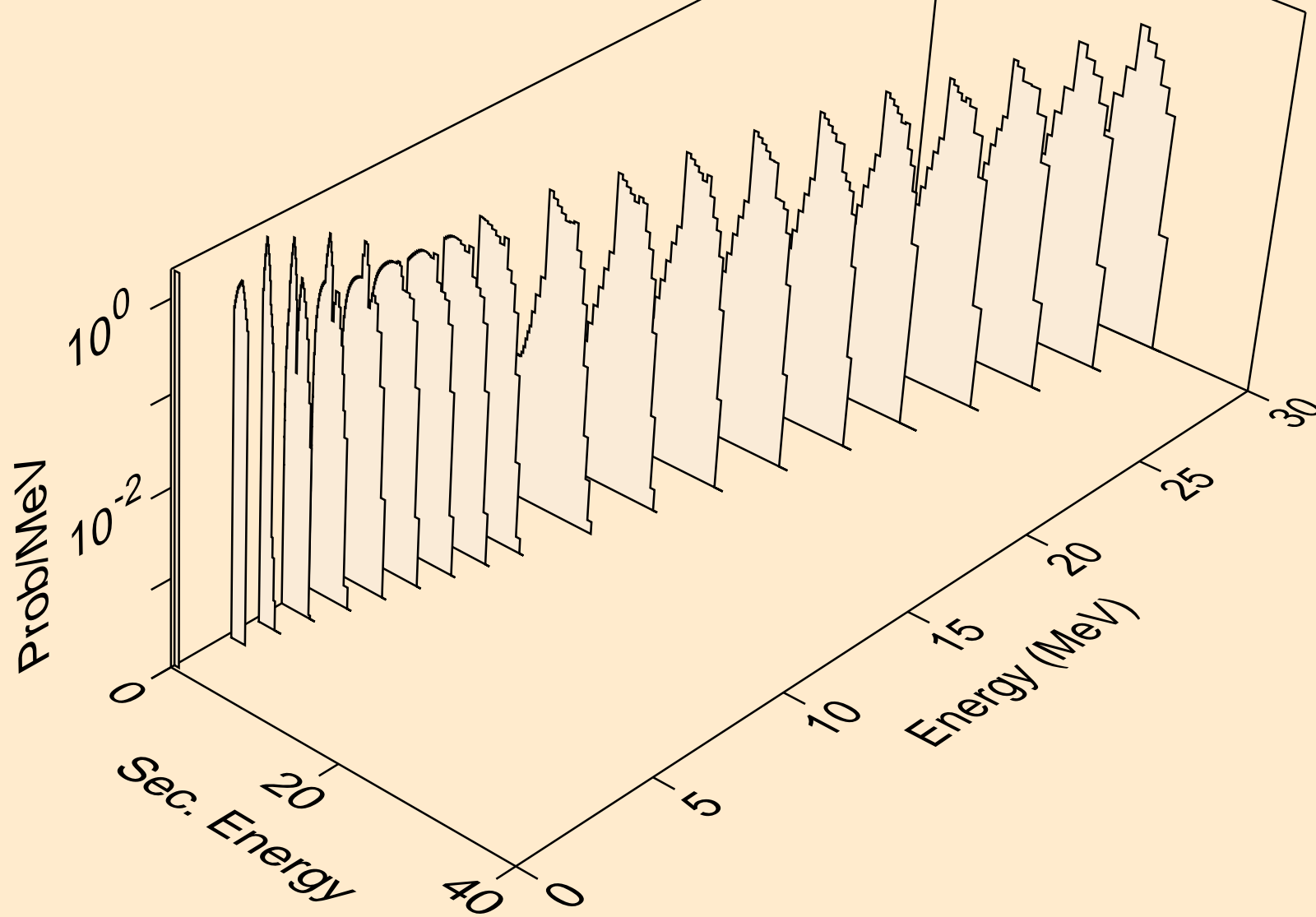
Recoil Heating



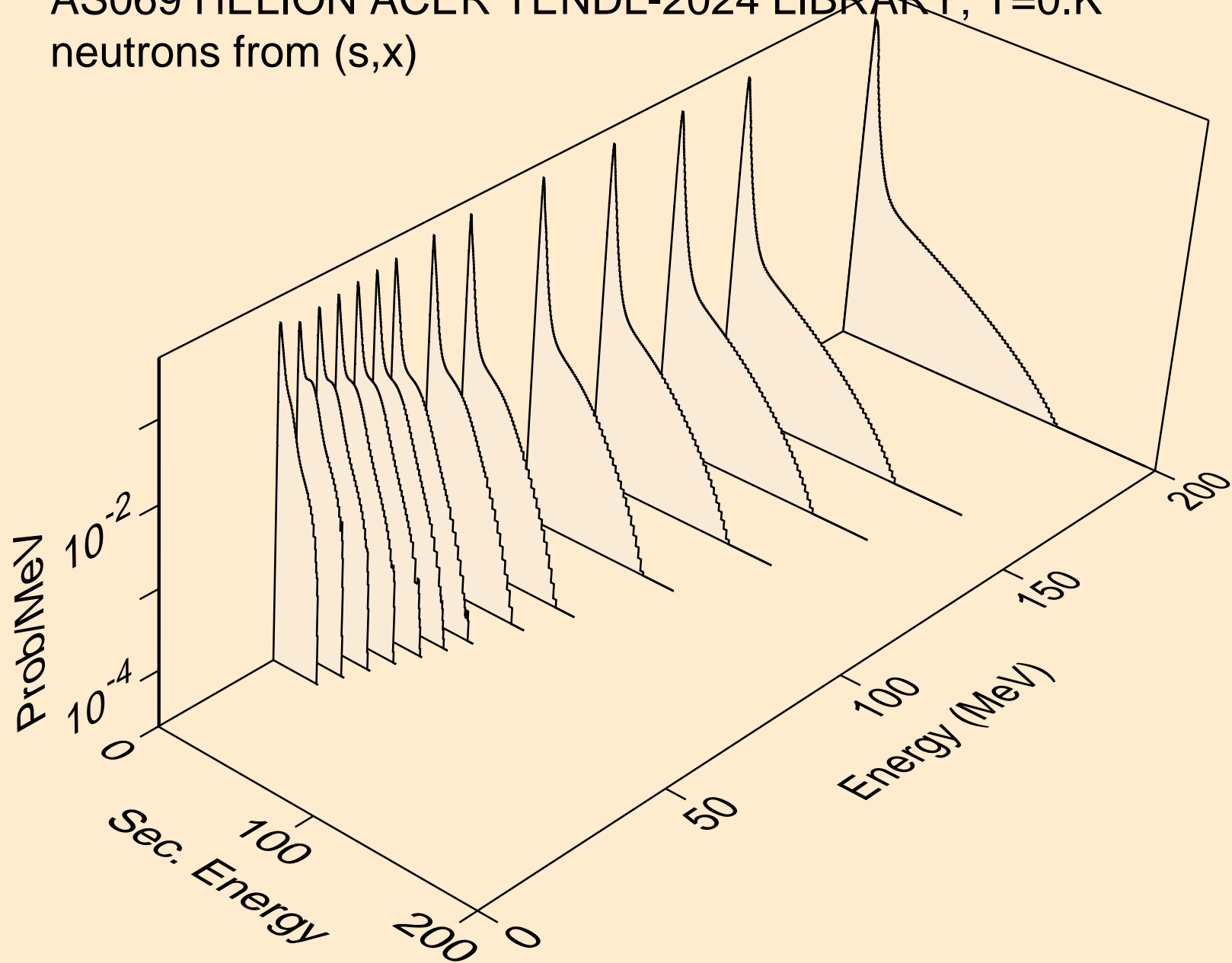
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



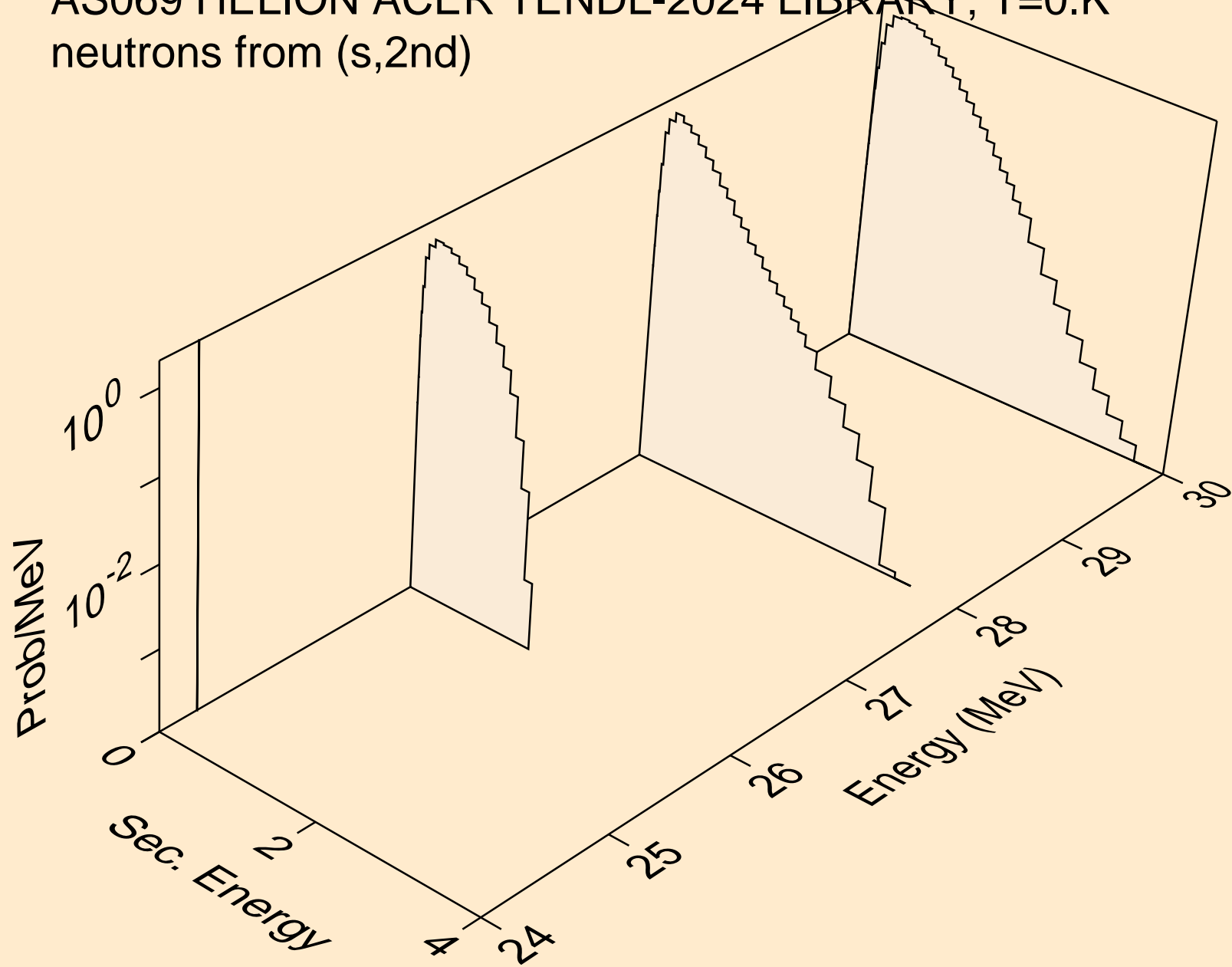
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n)



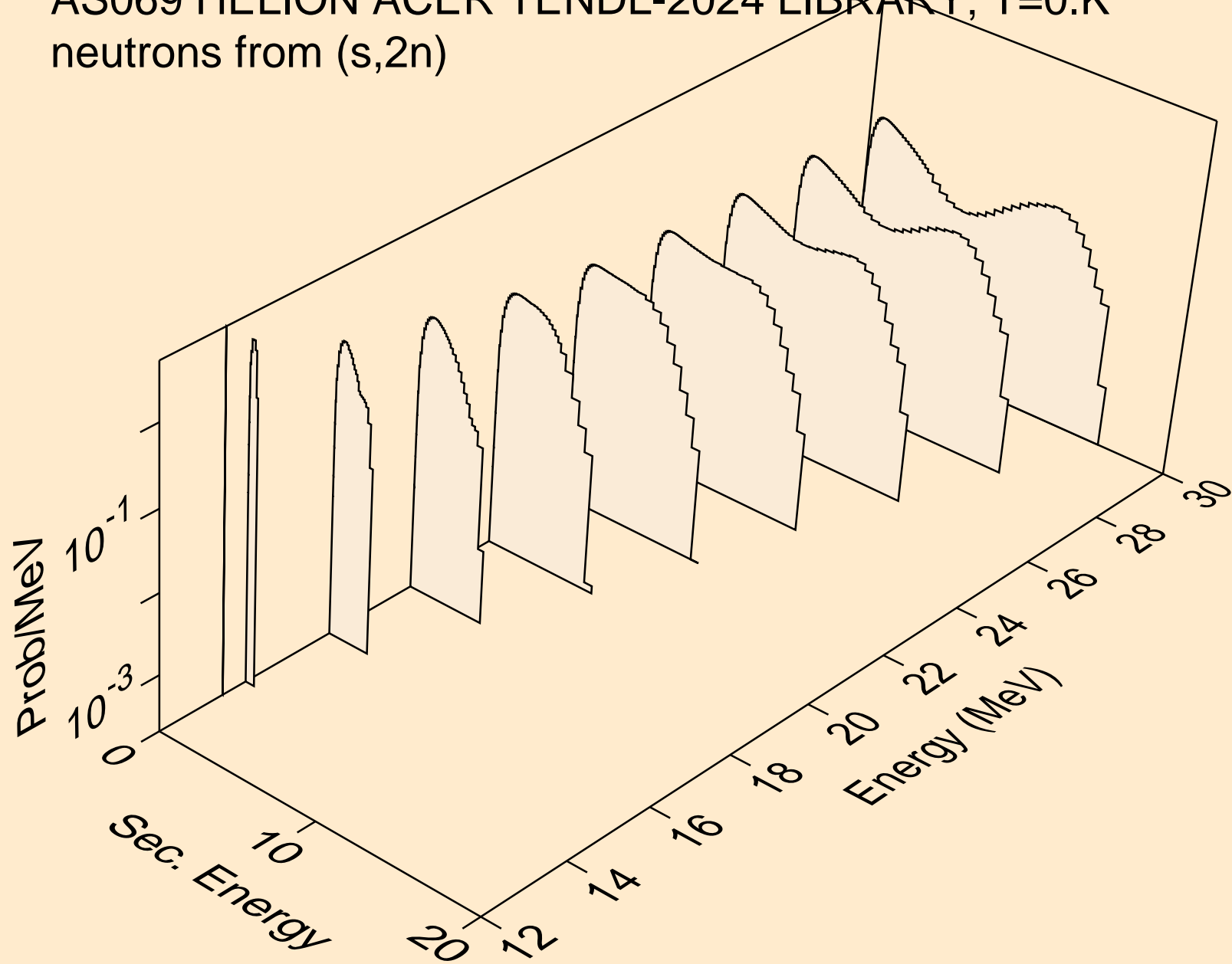
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,x)



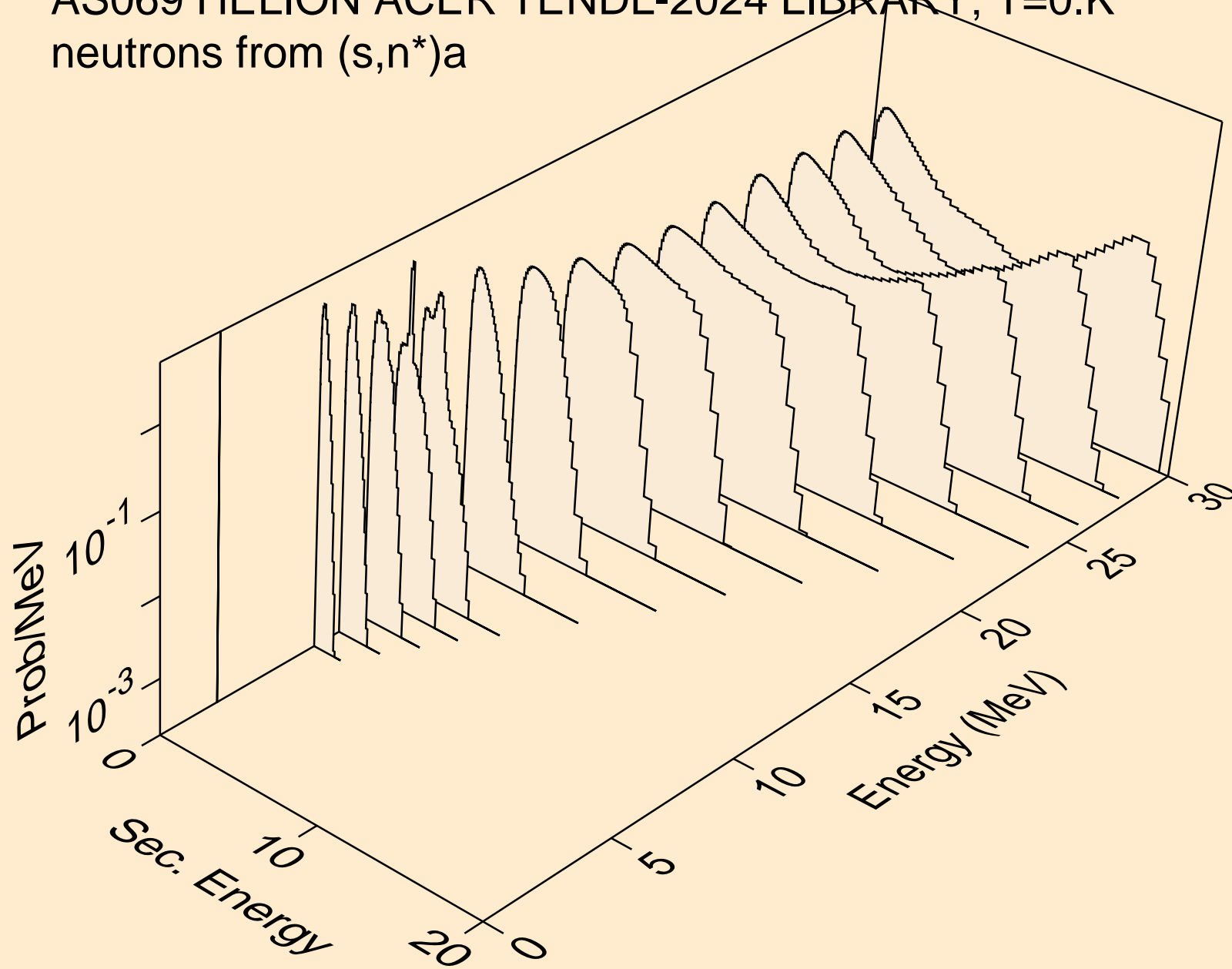
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2nd)



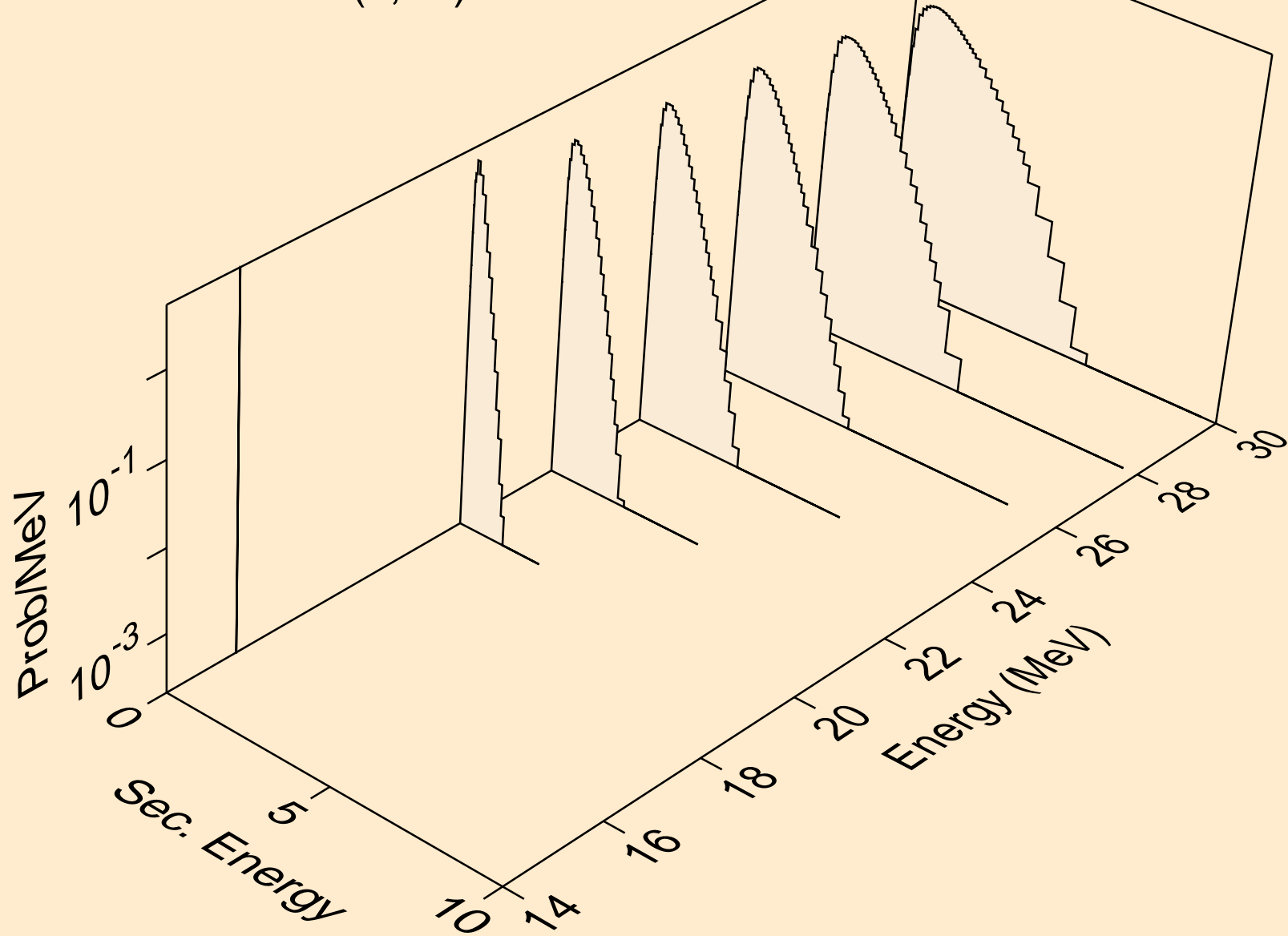
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2n)



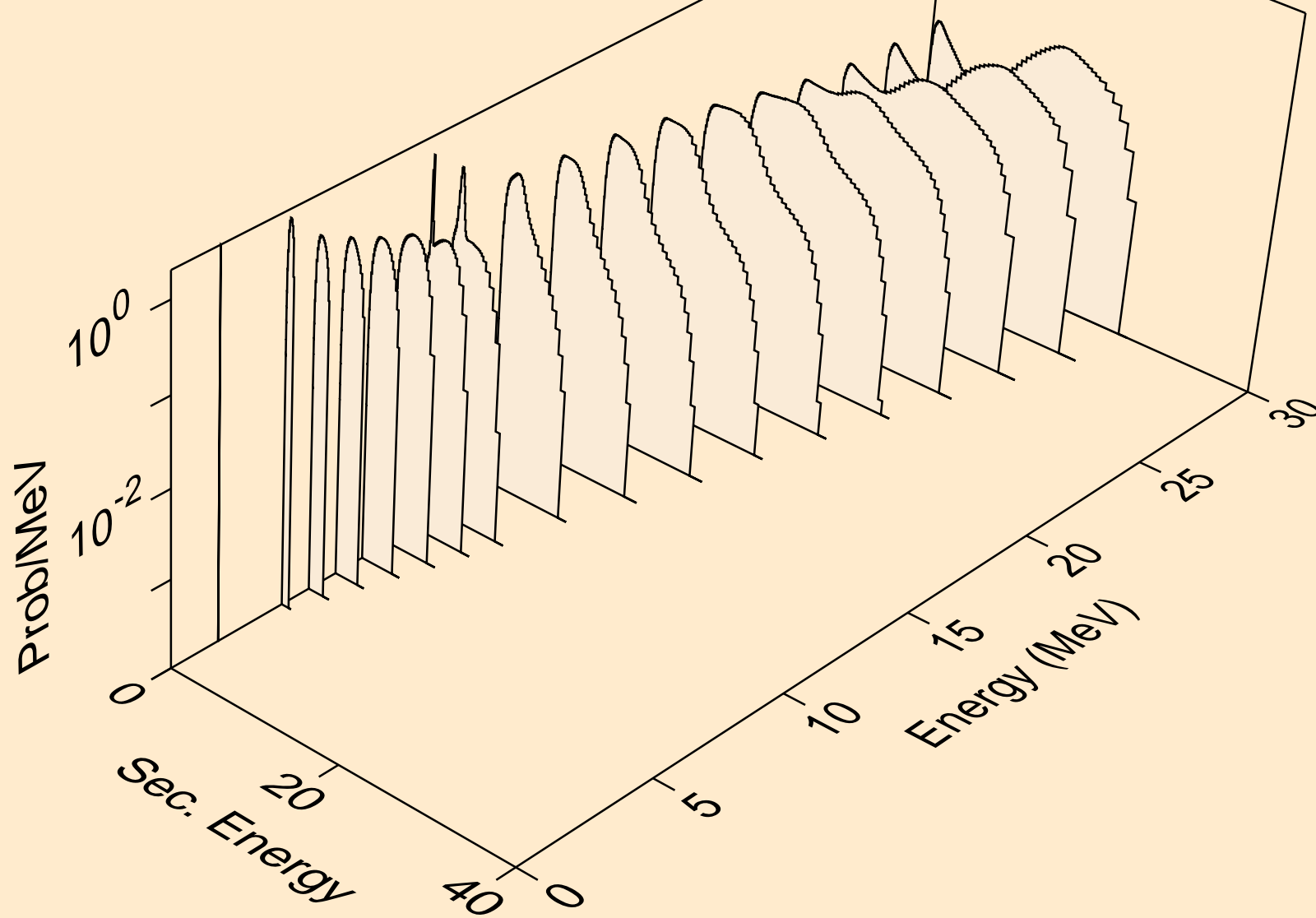
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)a



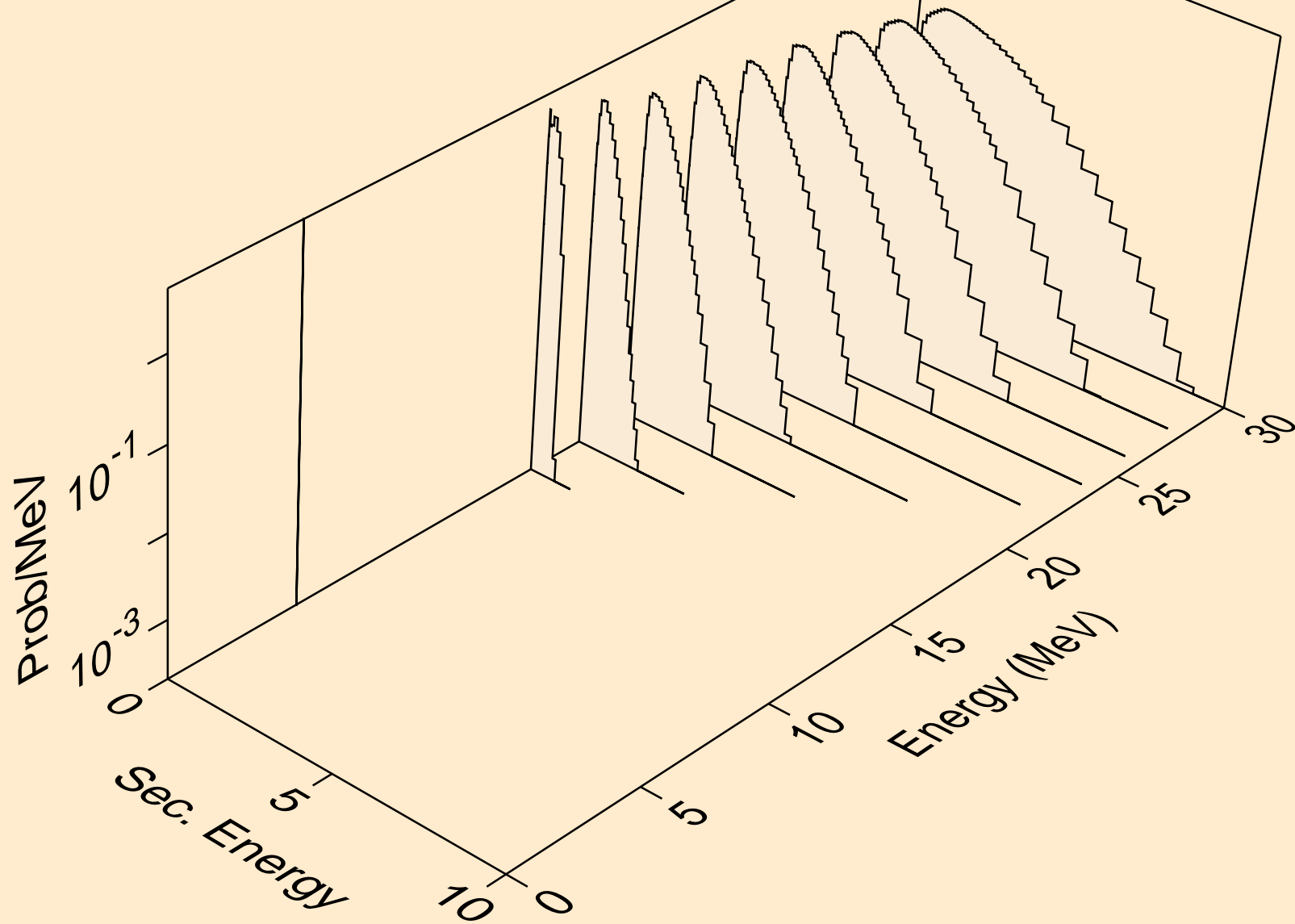
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2n)a



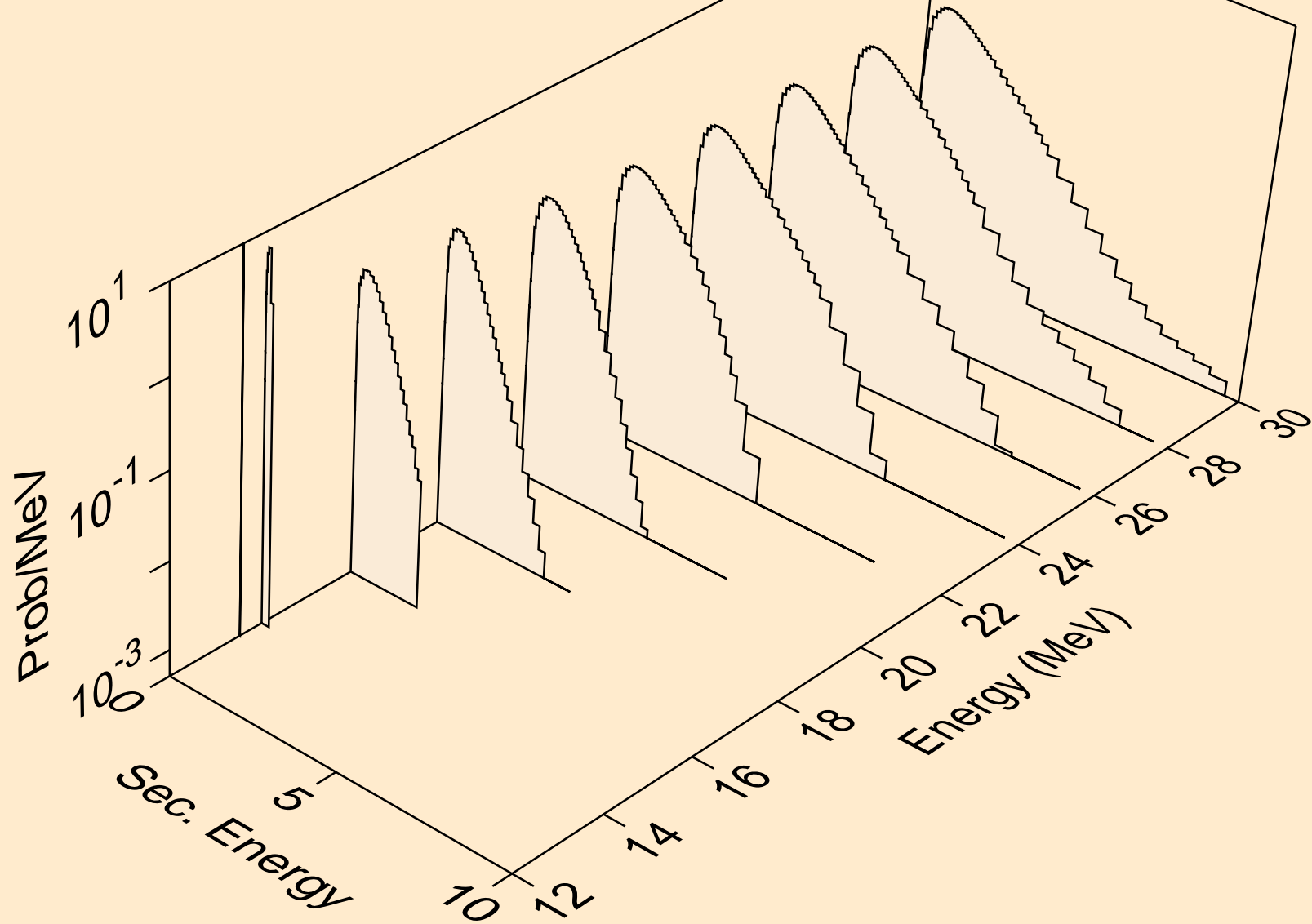
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)p



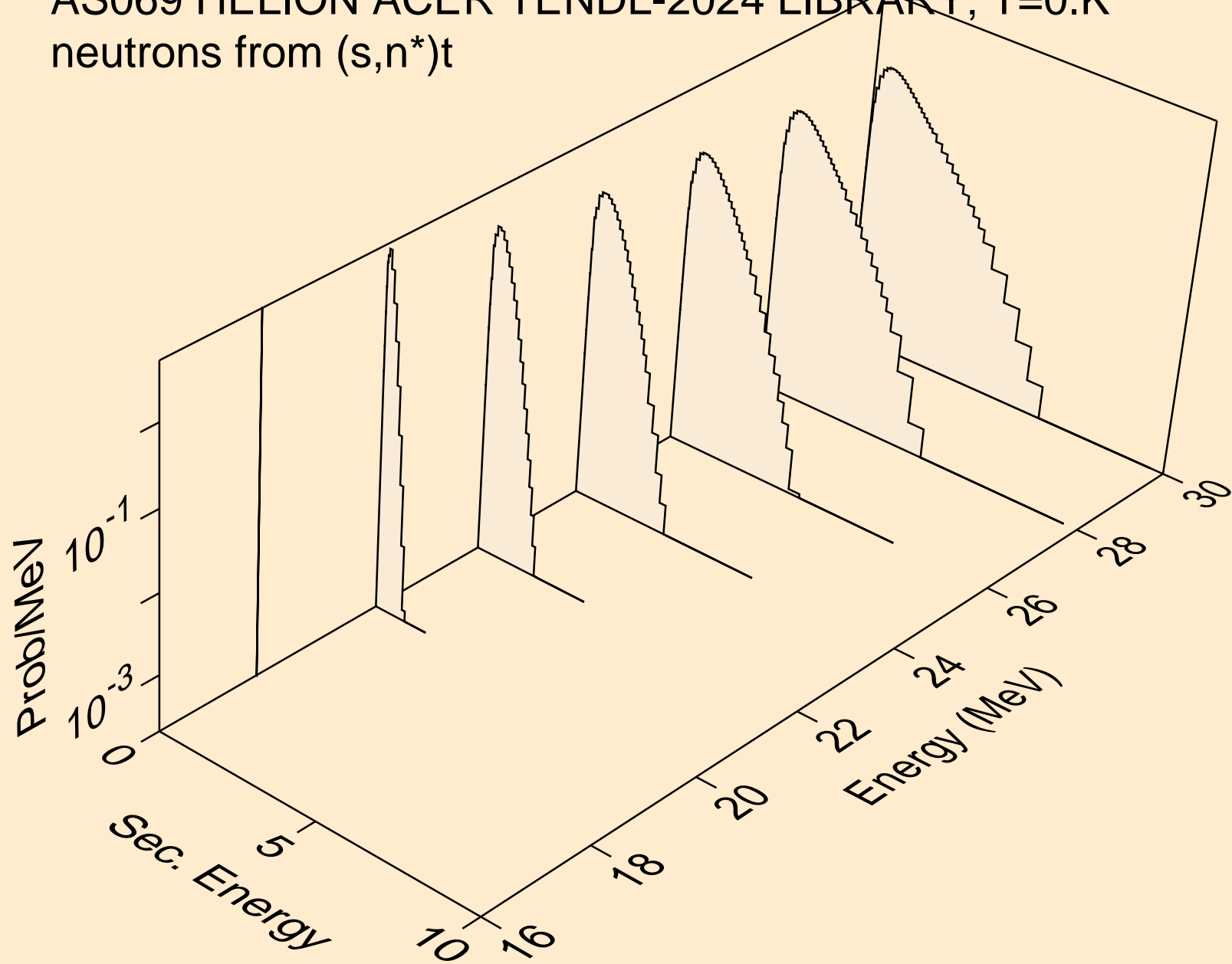
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)2a



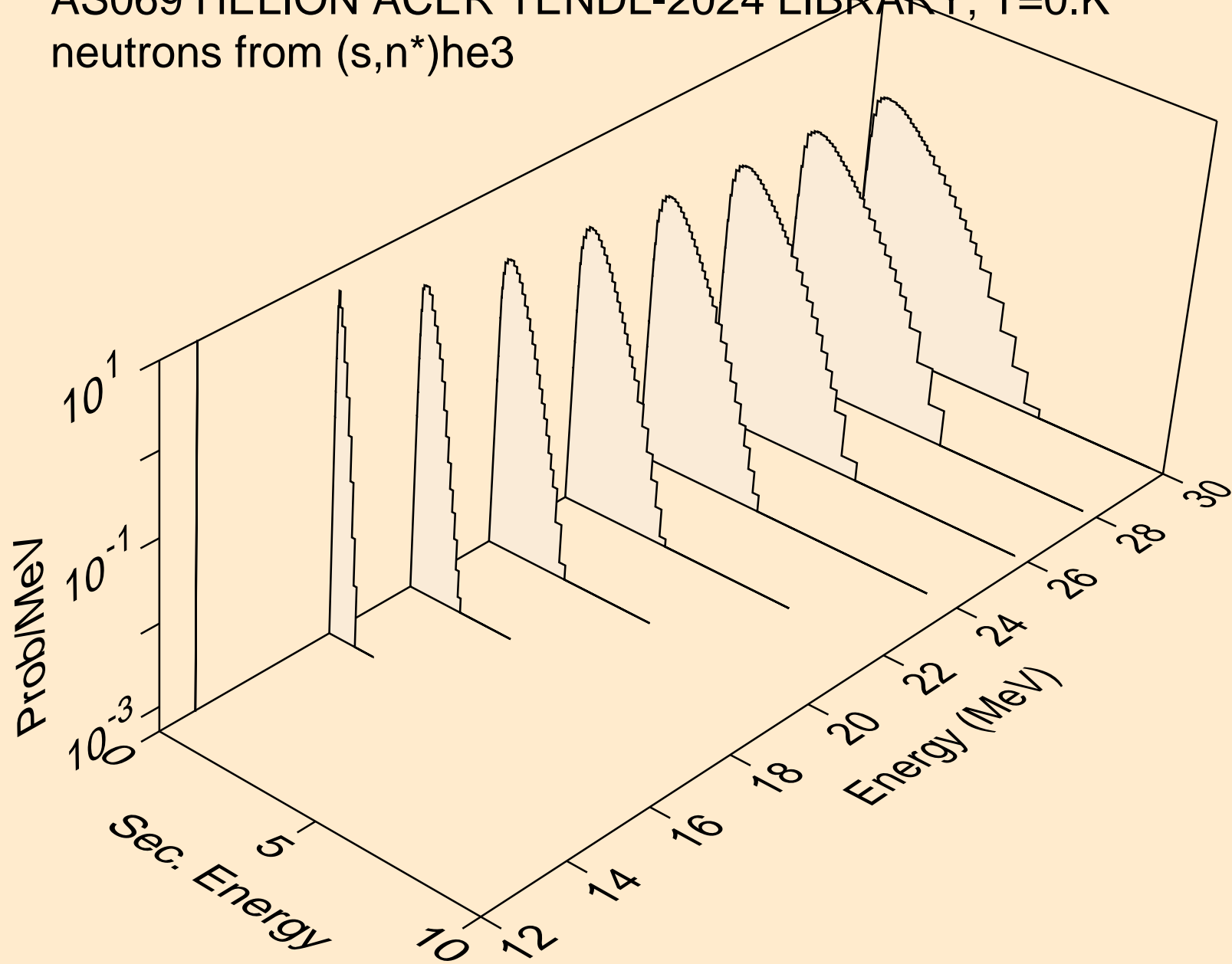
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)d



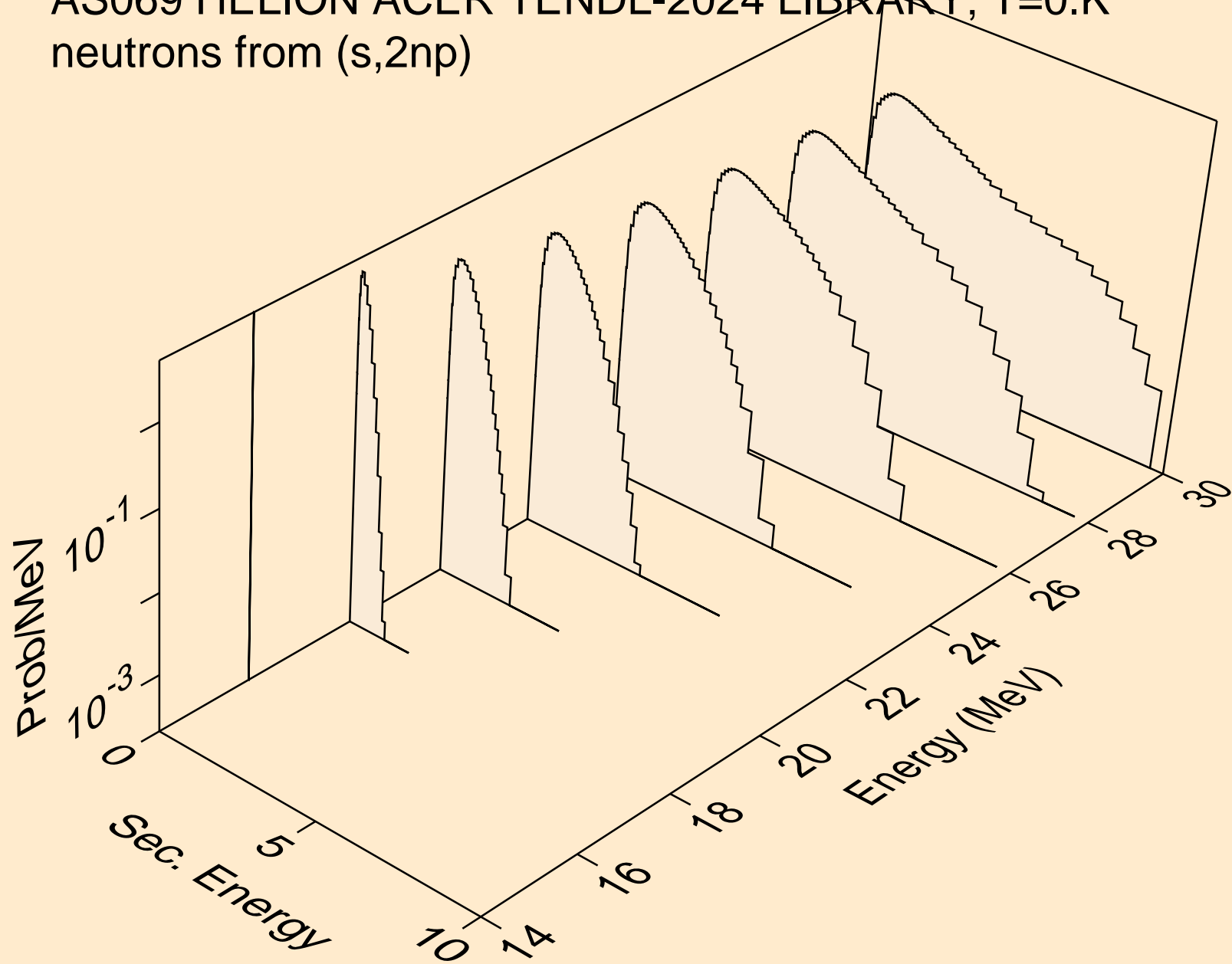
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)t



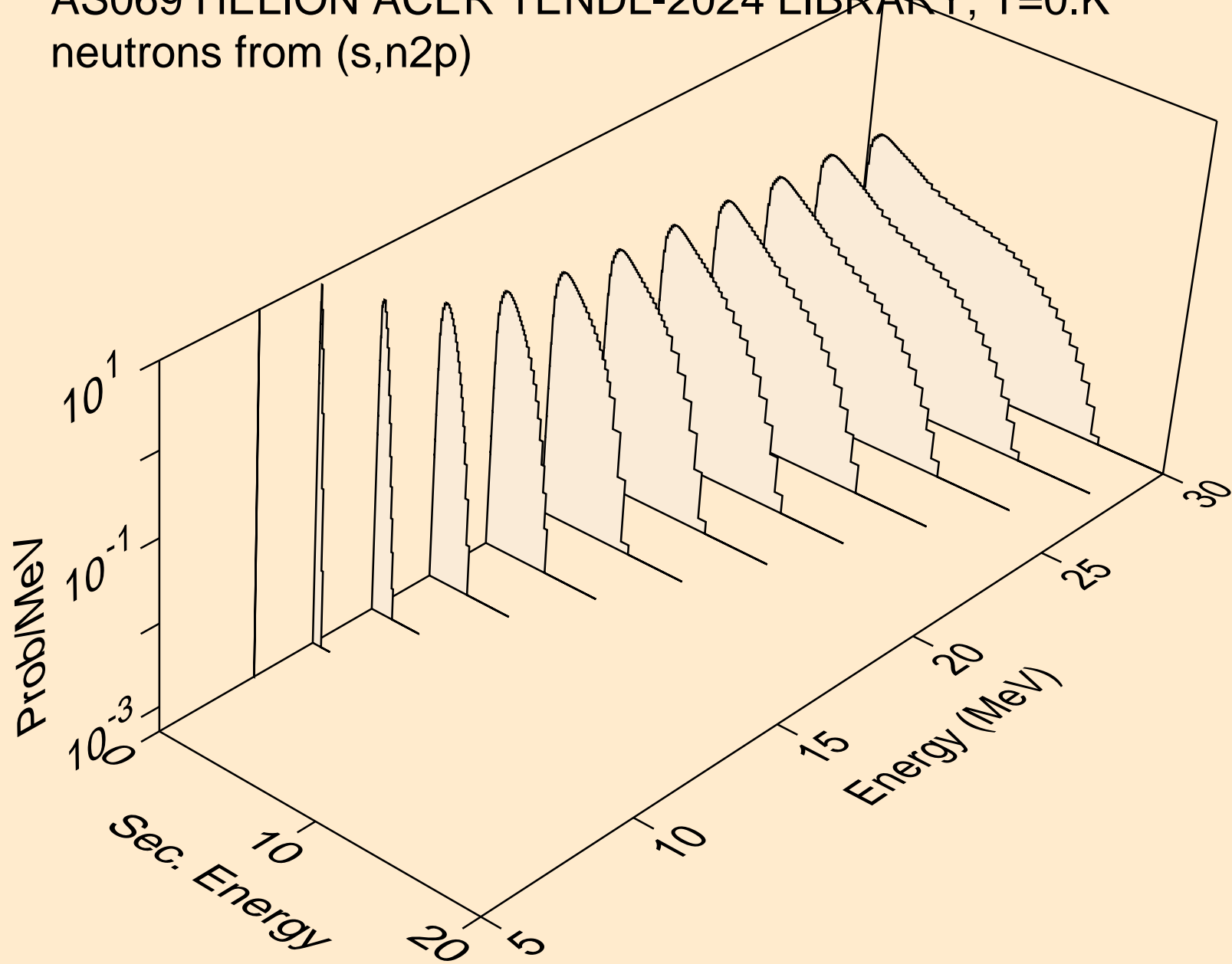
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



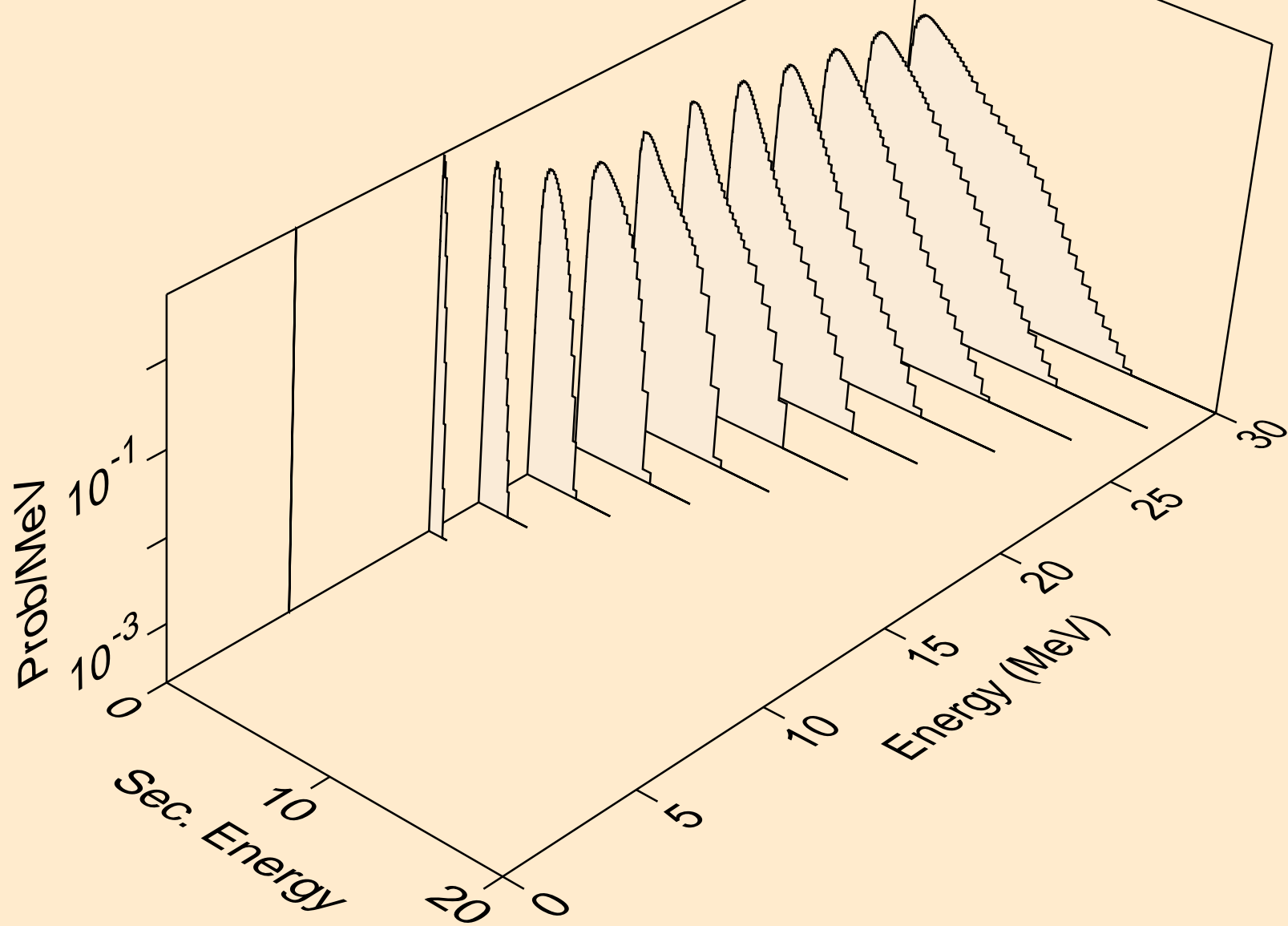
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2np)



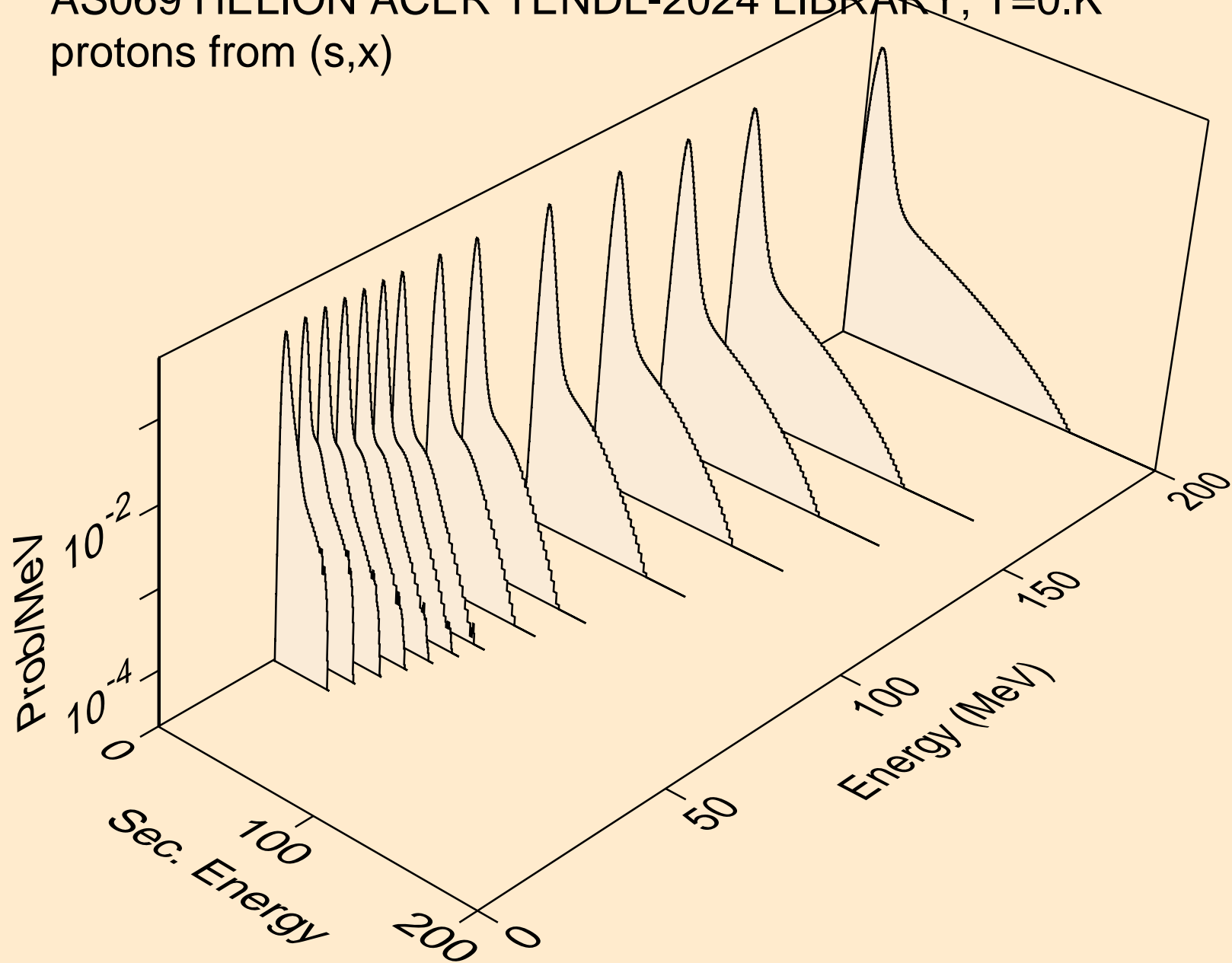
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n2p)



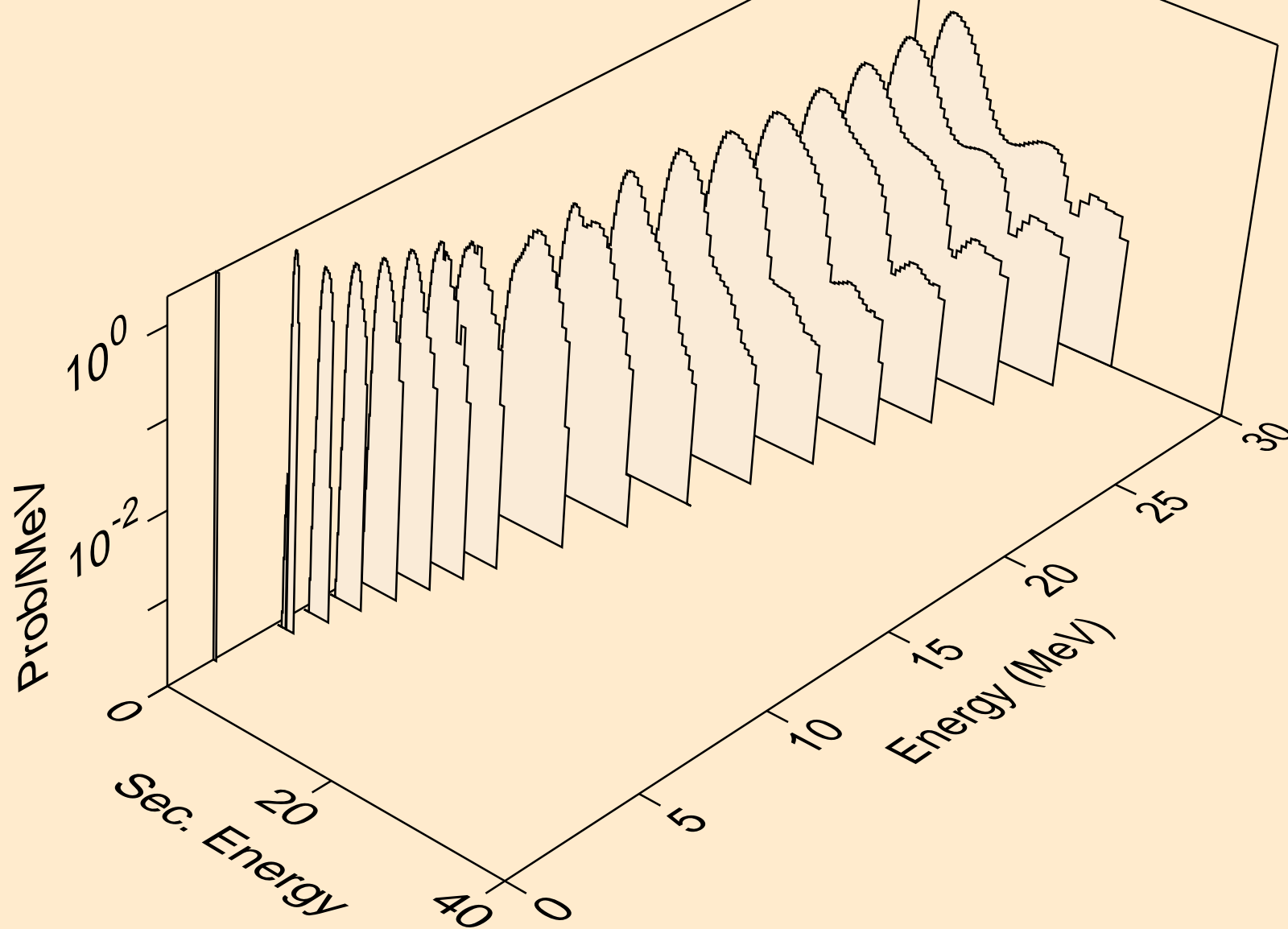
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,npa)



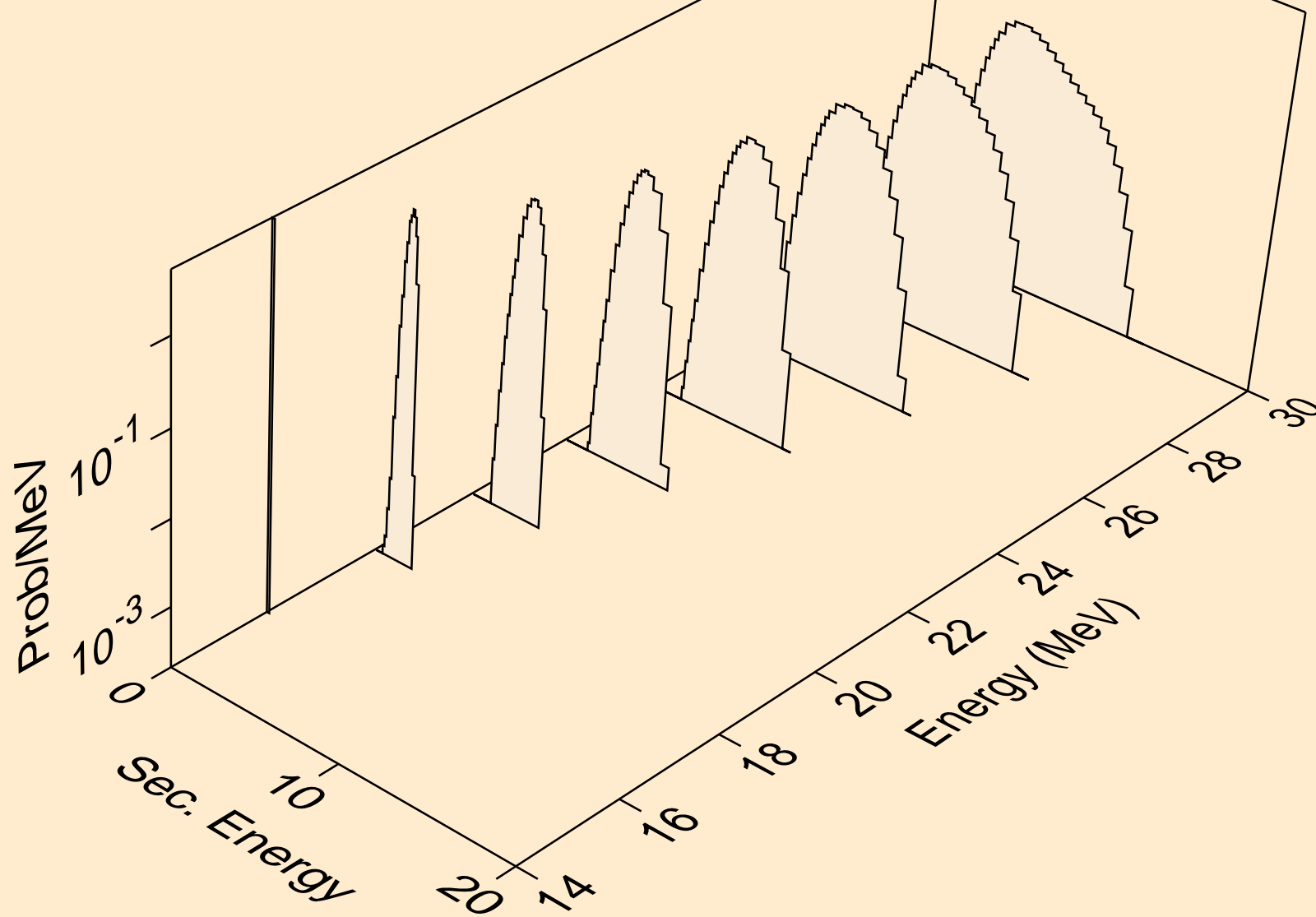
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,x)



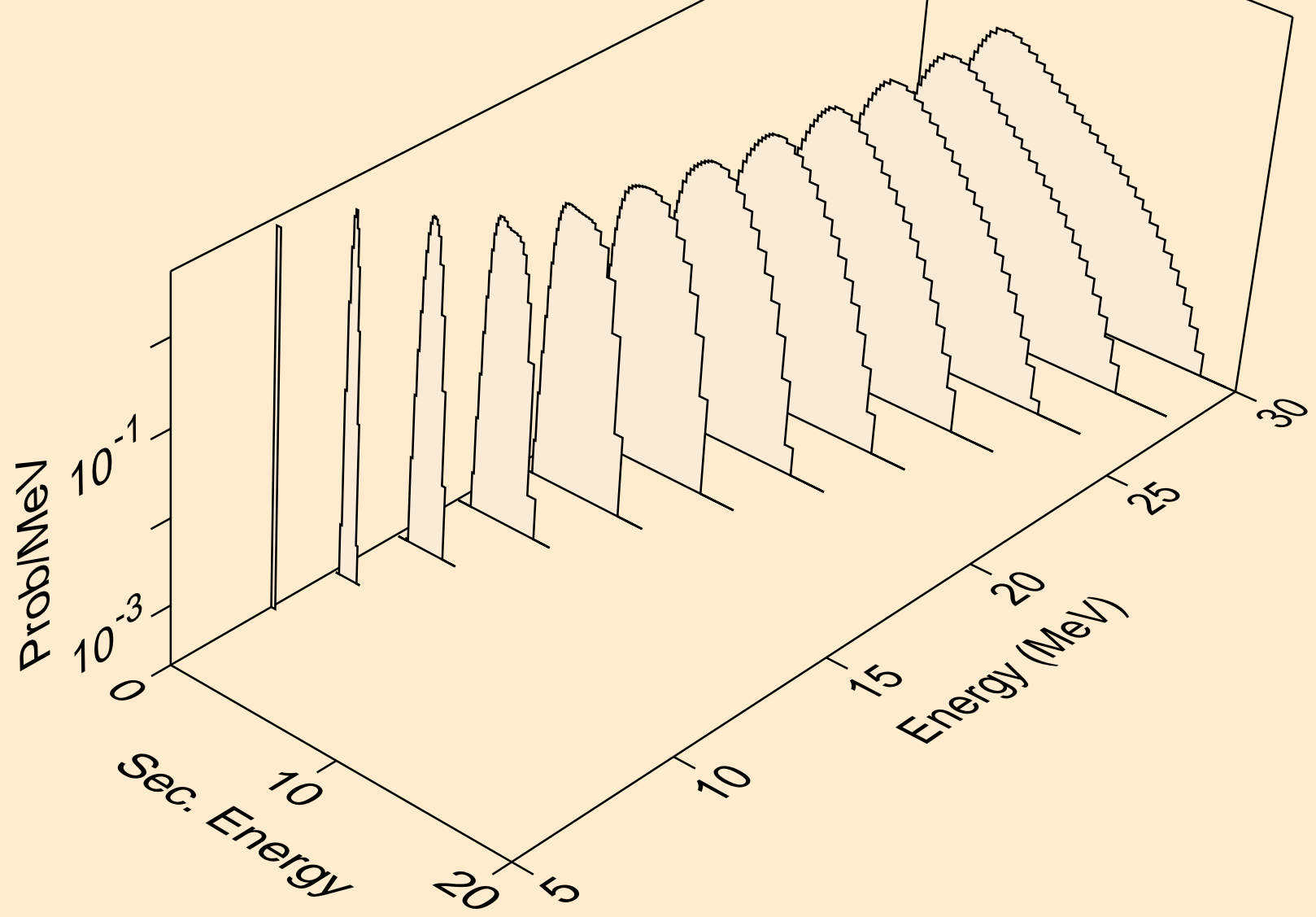
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,n\*)p



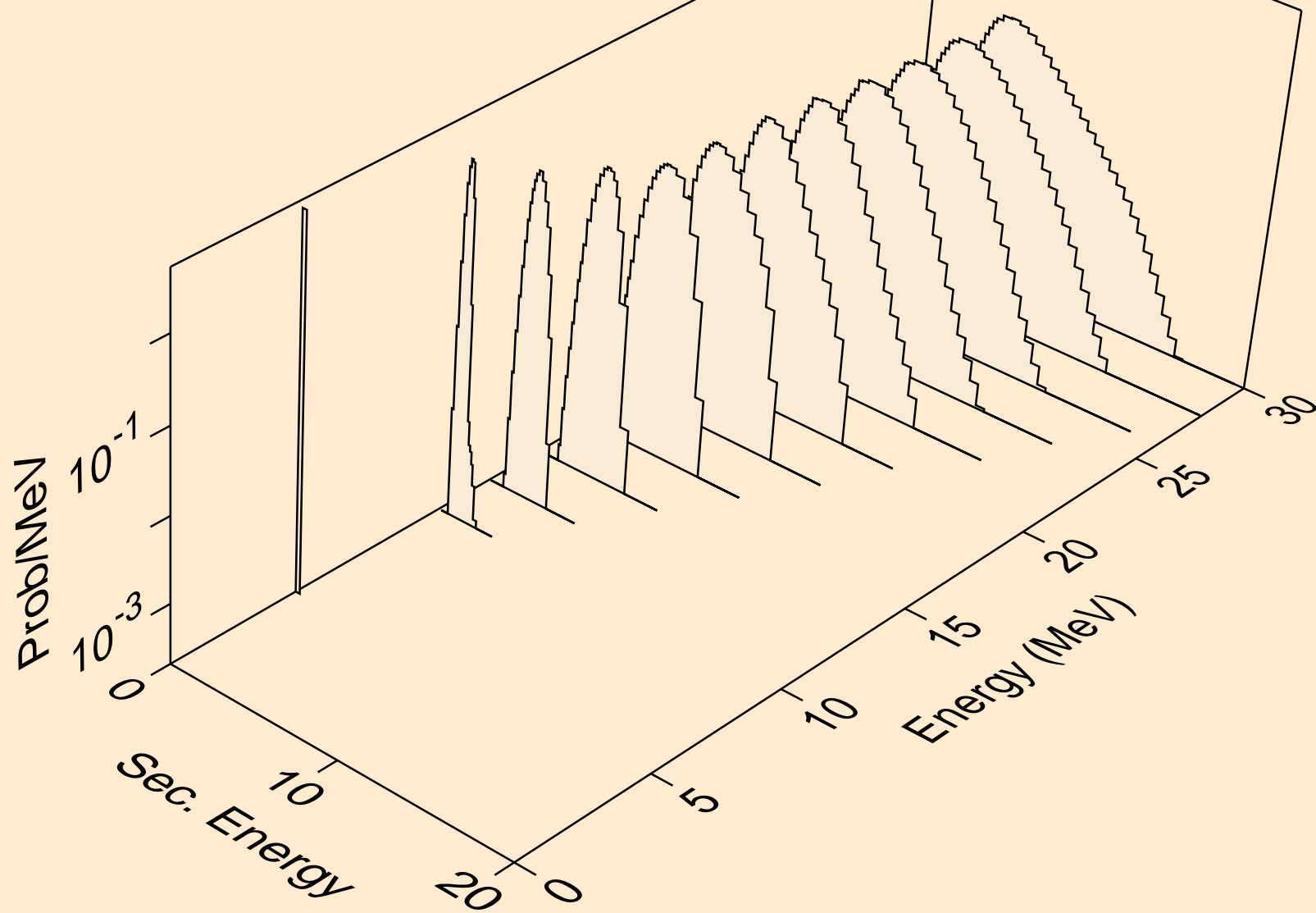
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,2np)



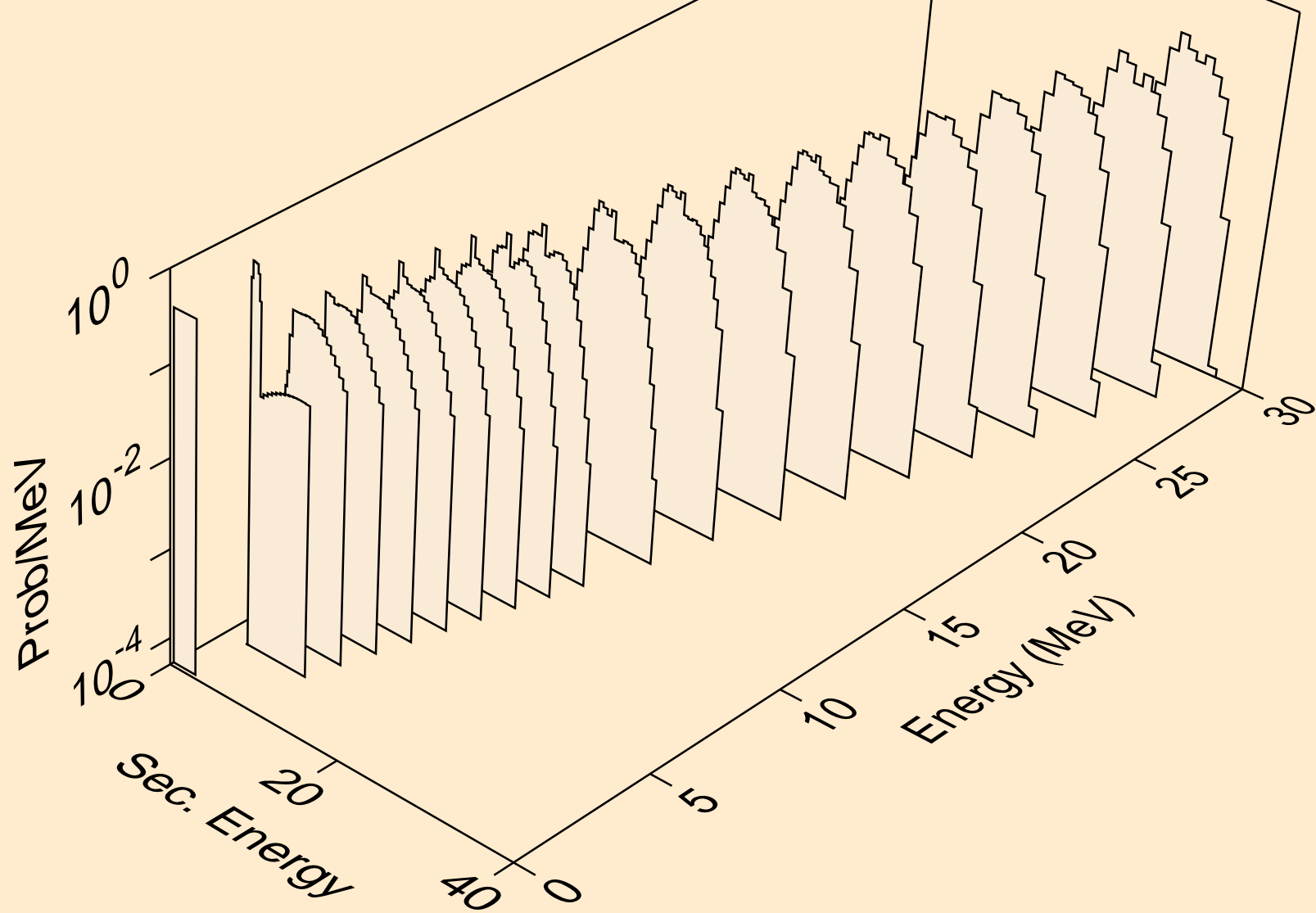
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,n2p)



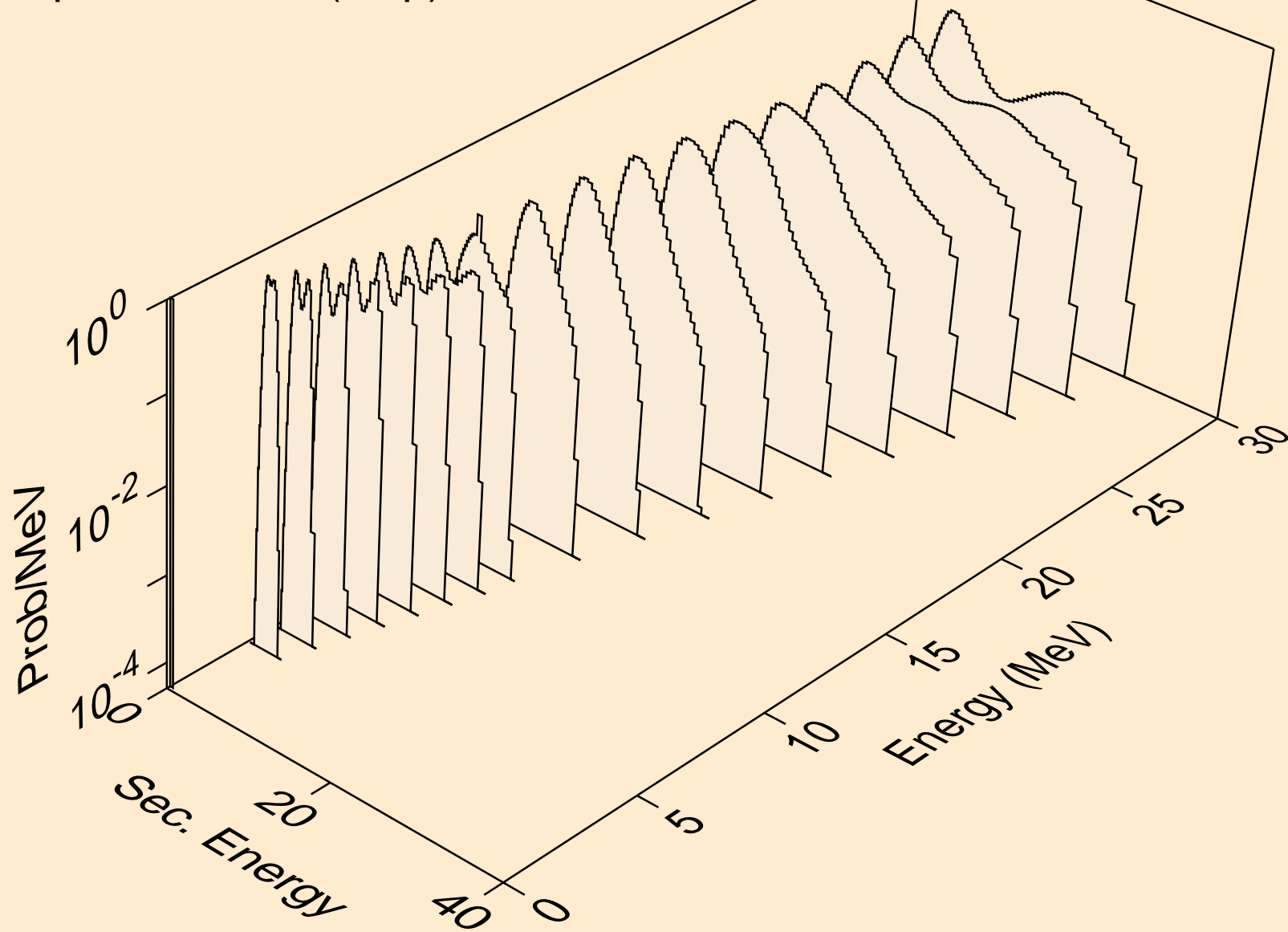
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,npa)



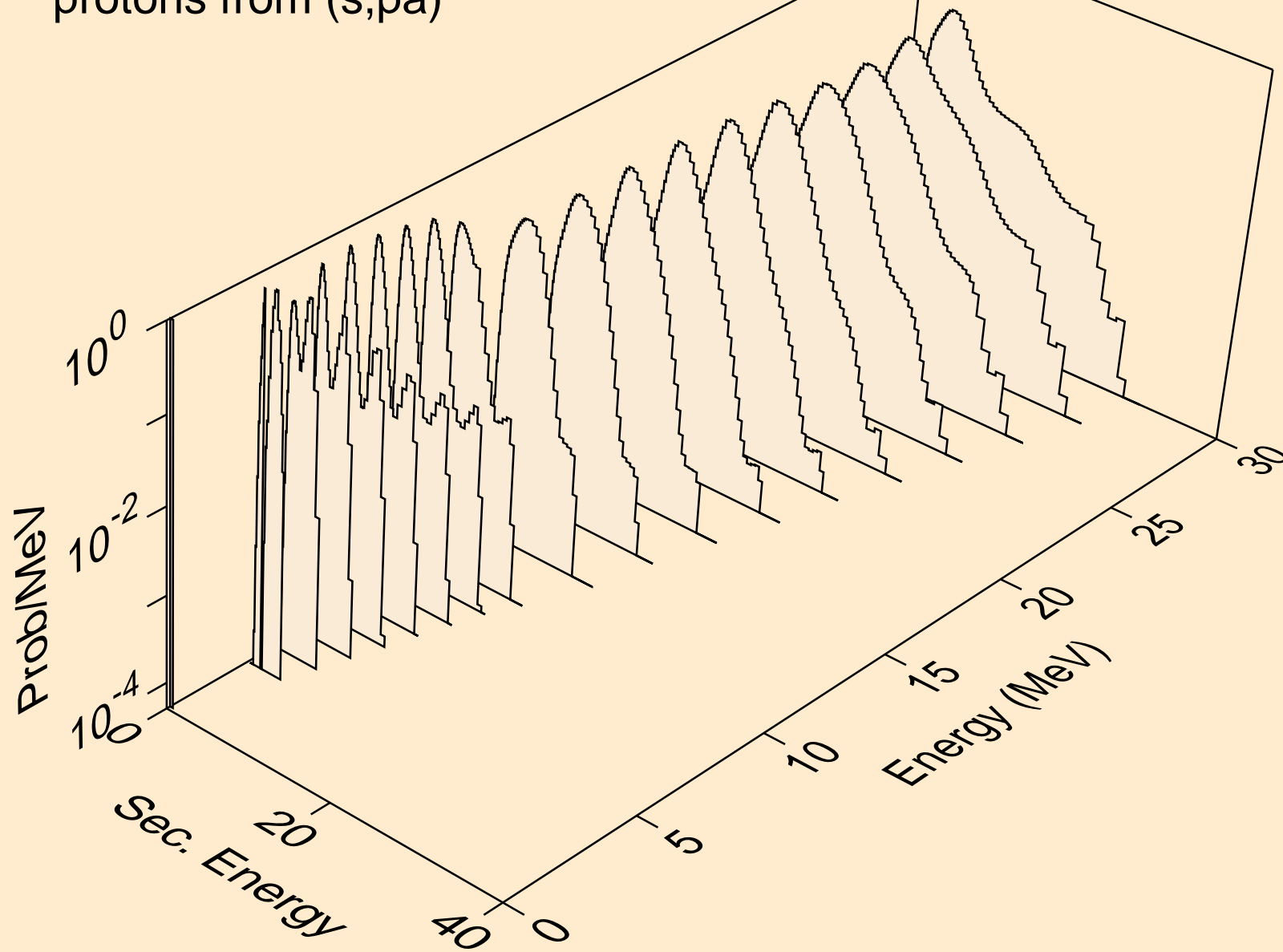
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,p)



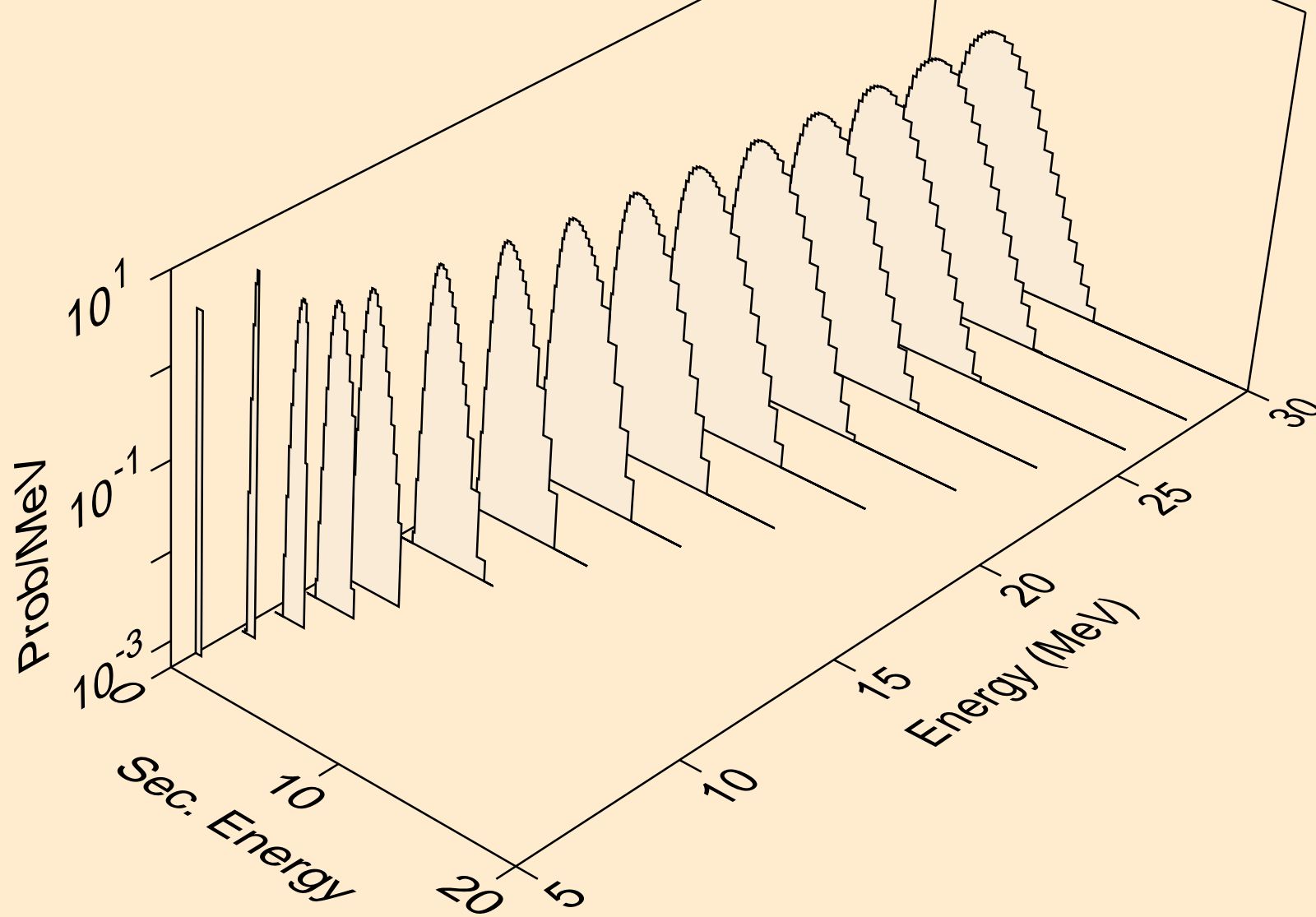
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,2p)



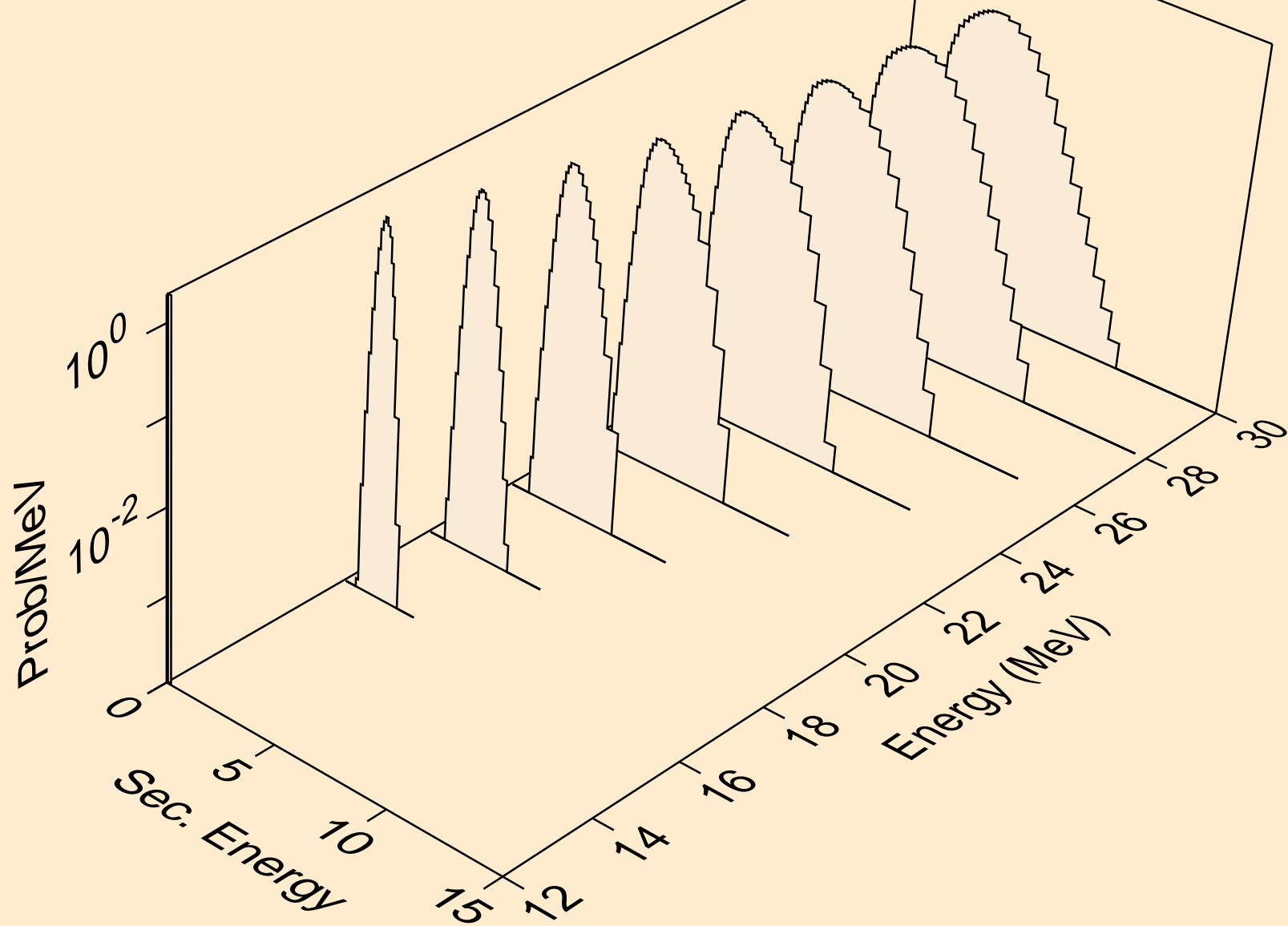
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,pa)



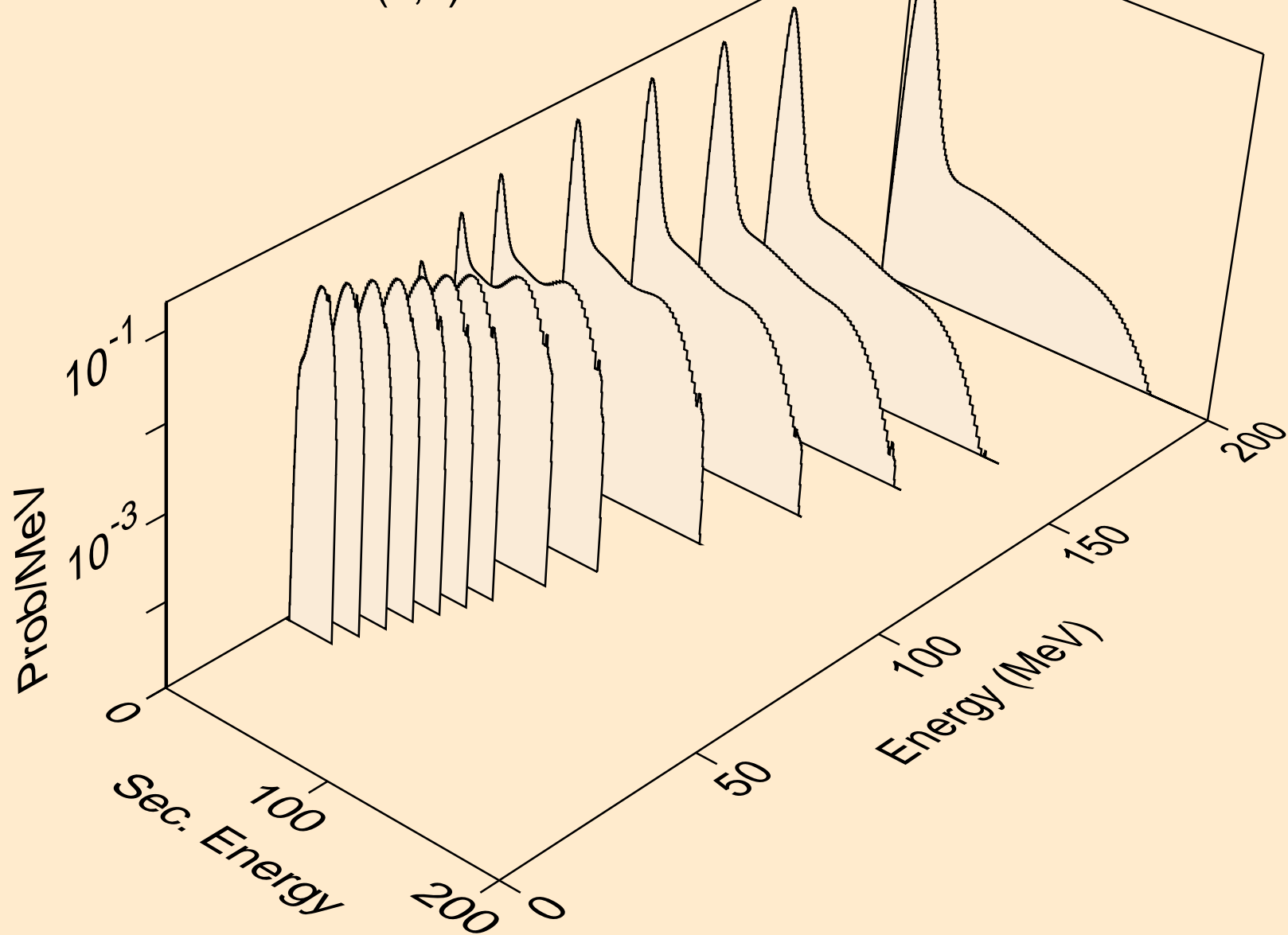
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,pd)



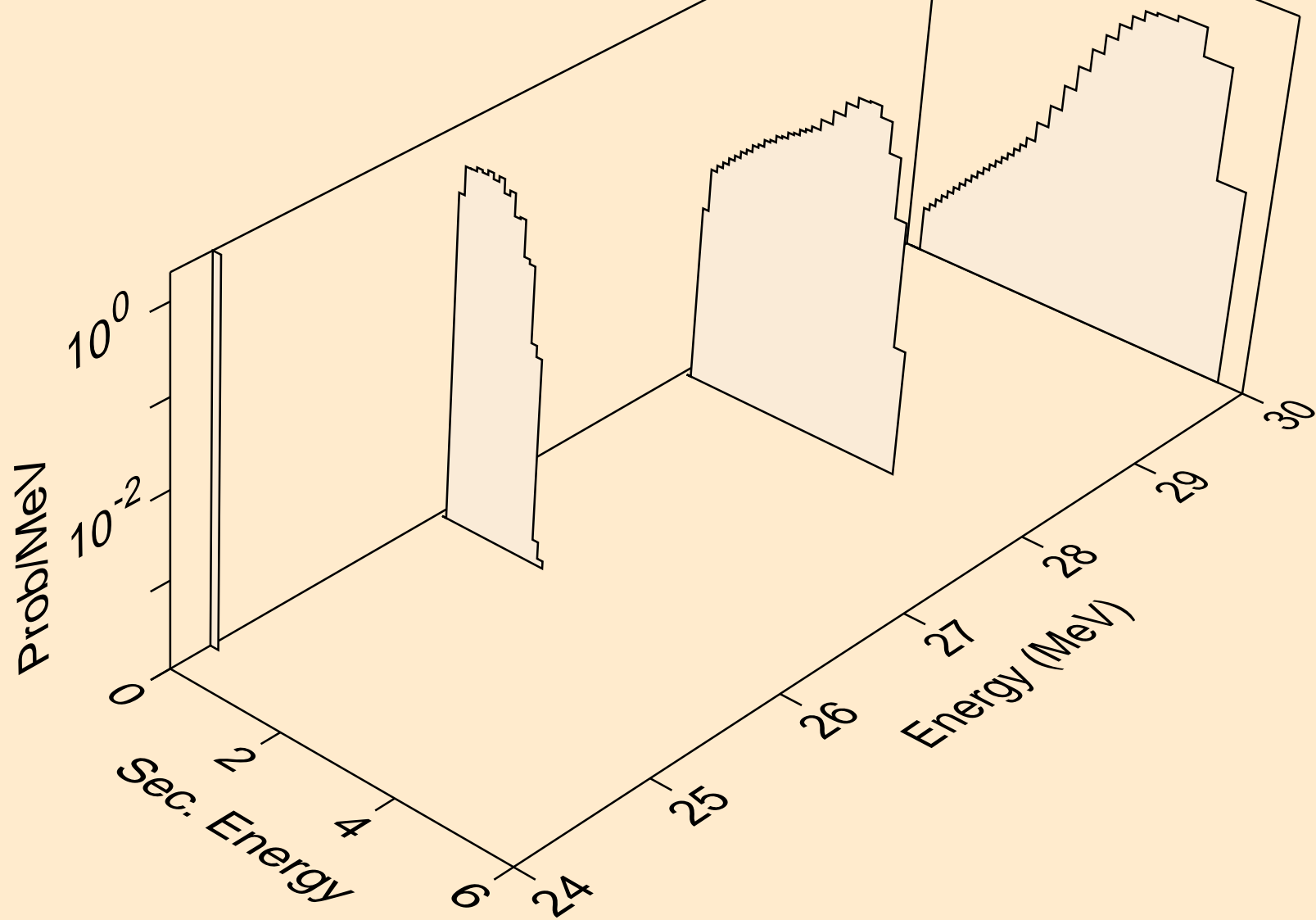
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,pt)



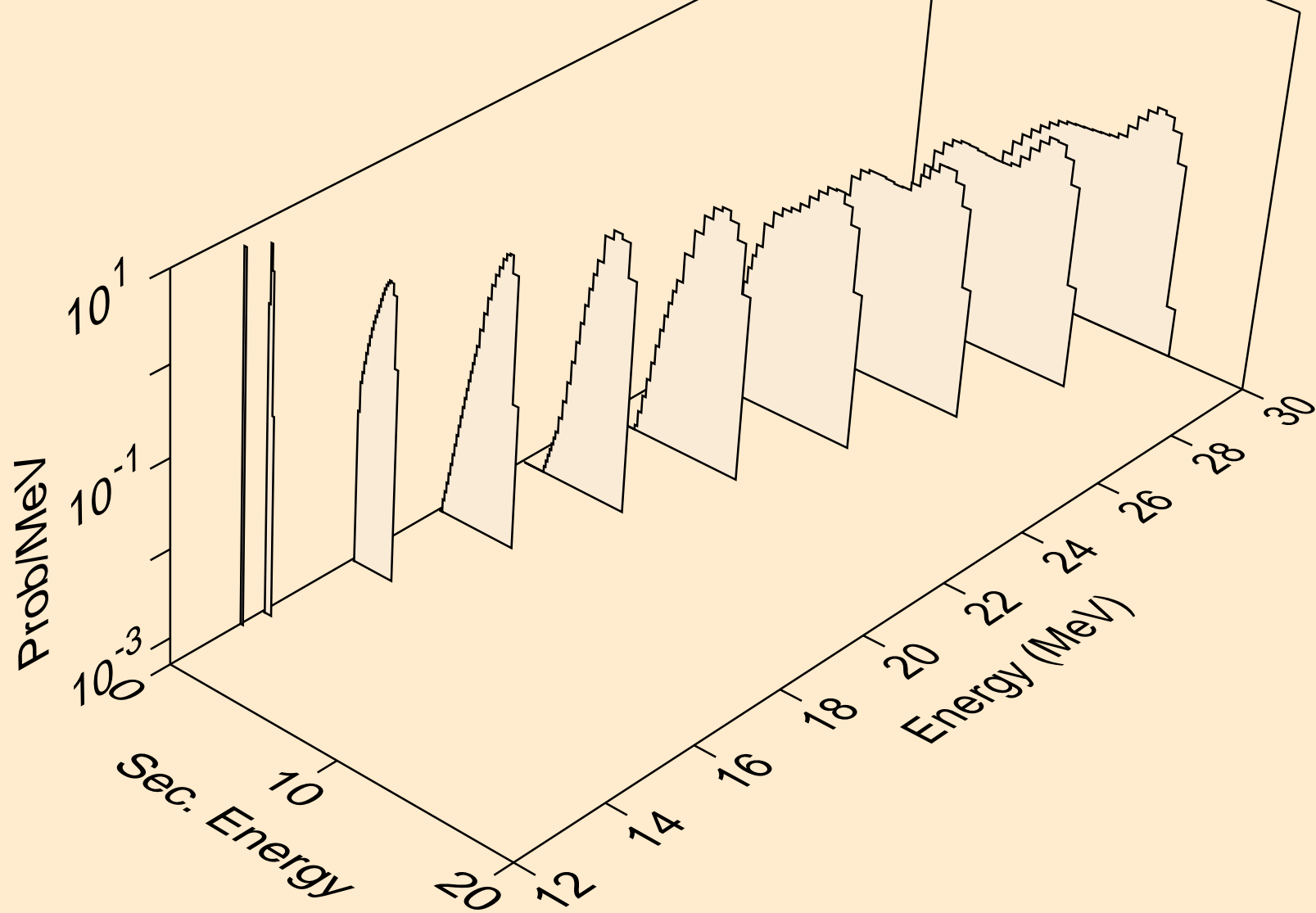
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,x)



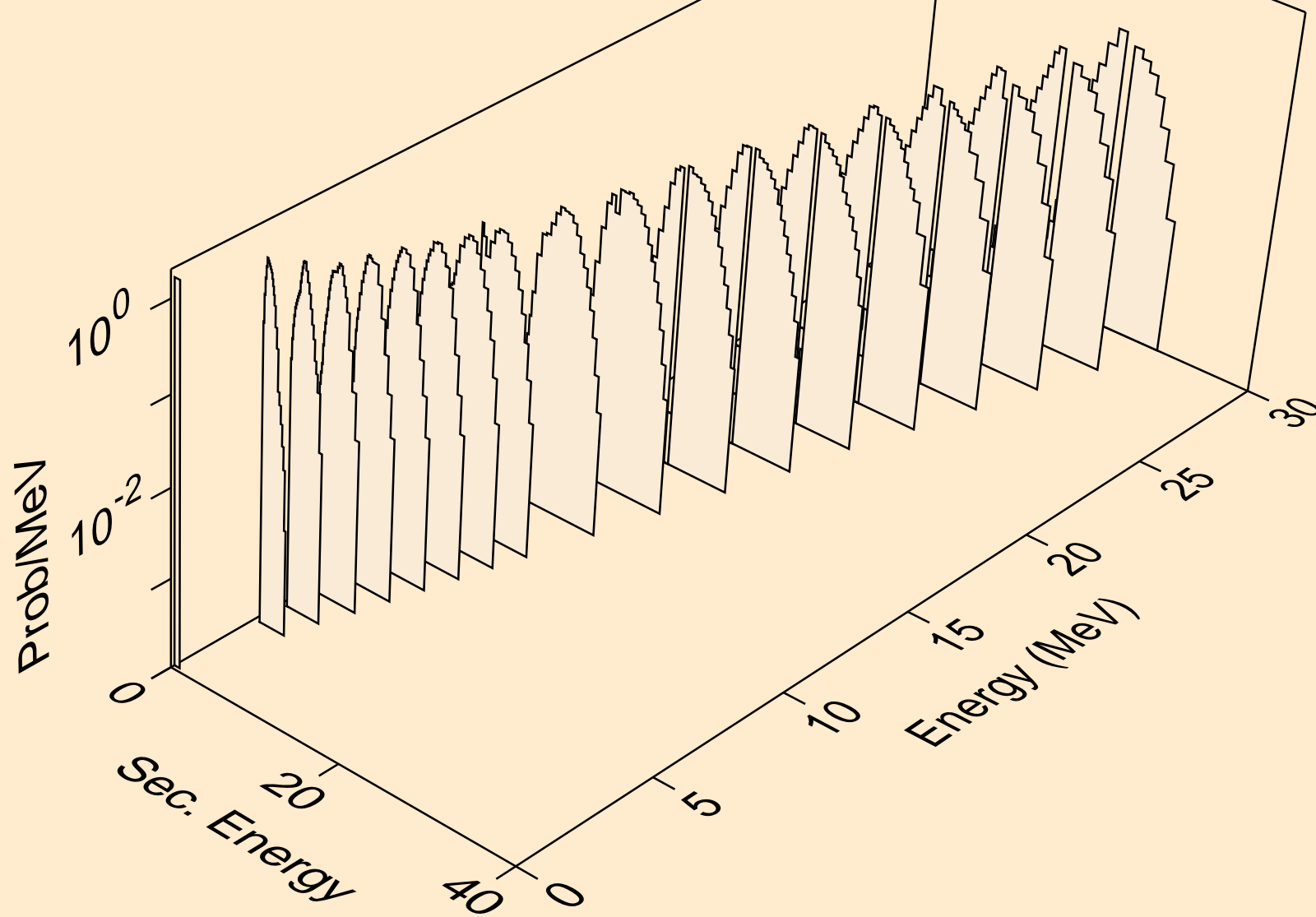
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,2nd)



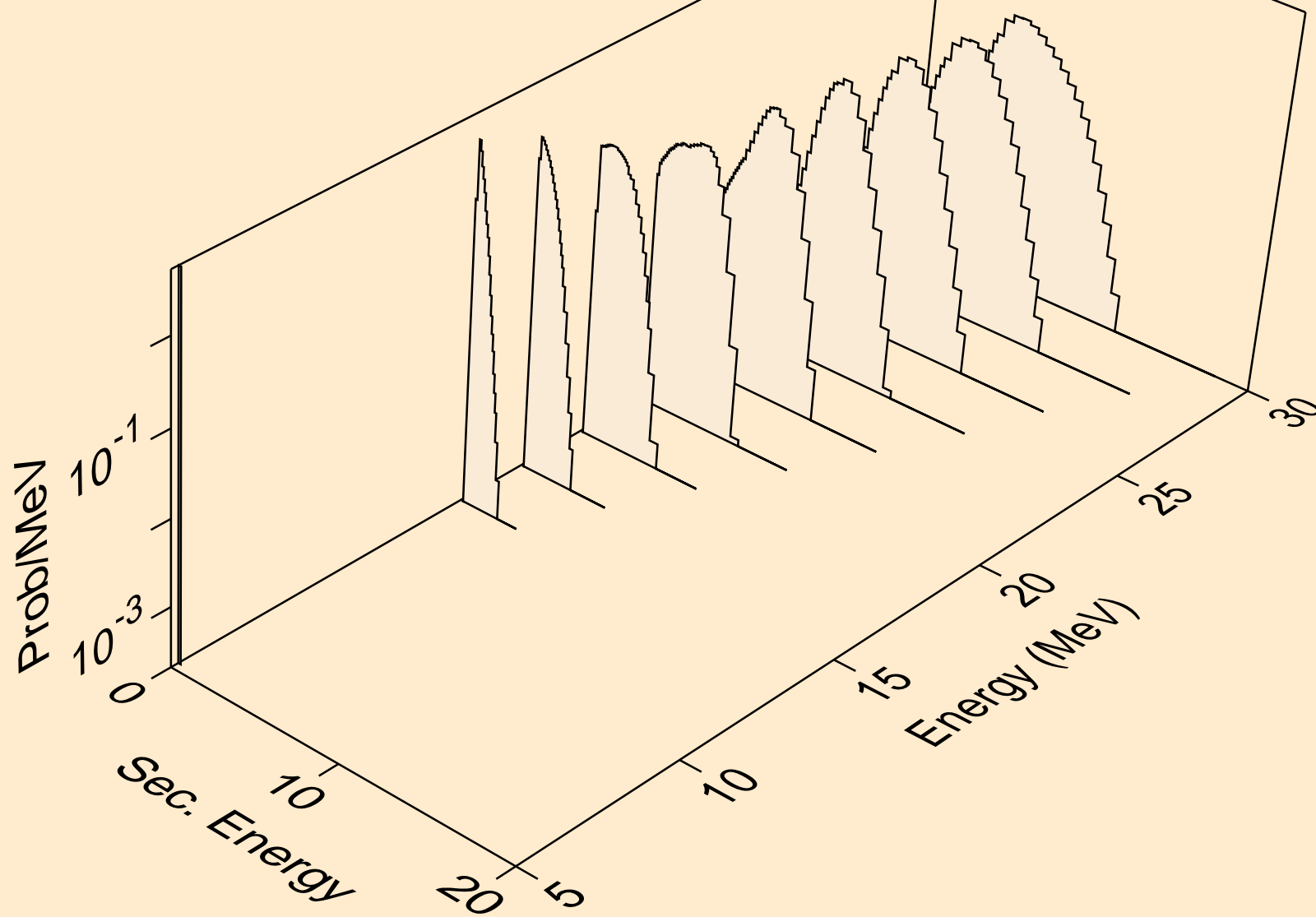
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,n\*)d



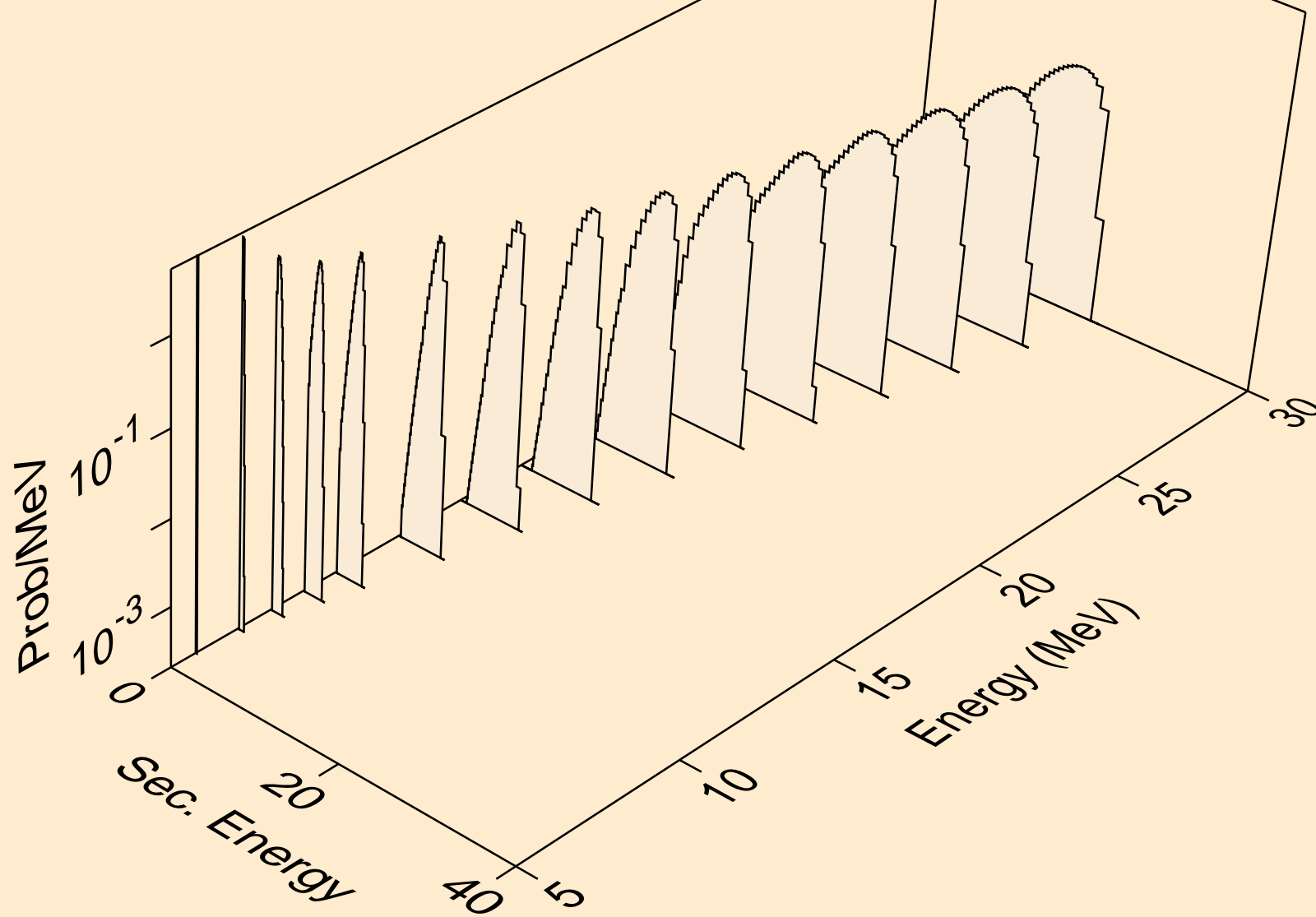
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,d)



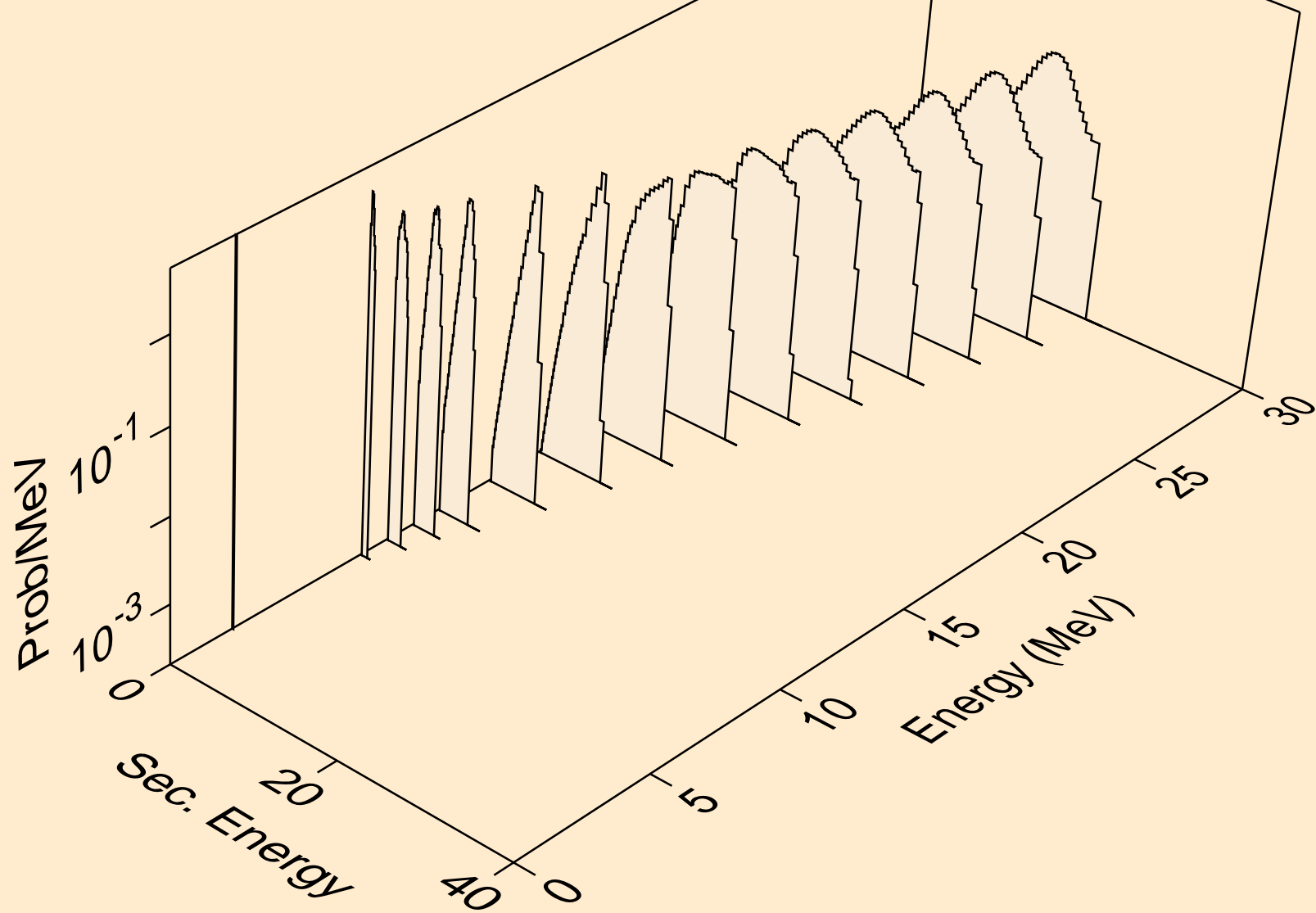
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,d2a)



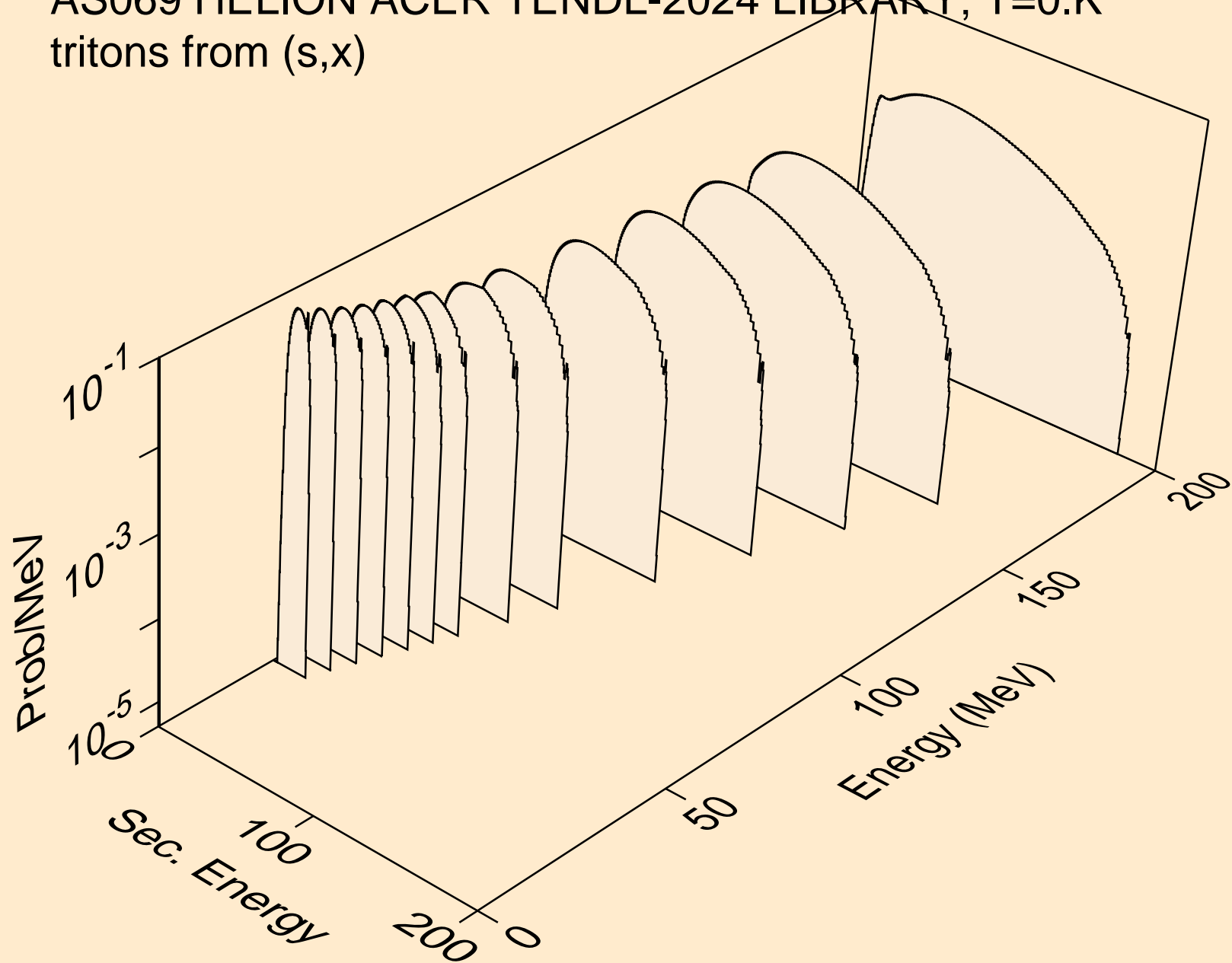
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,pd)



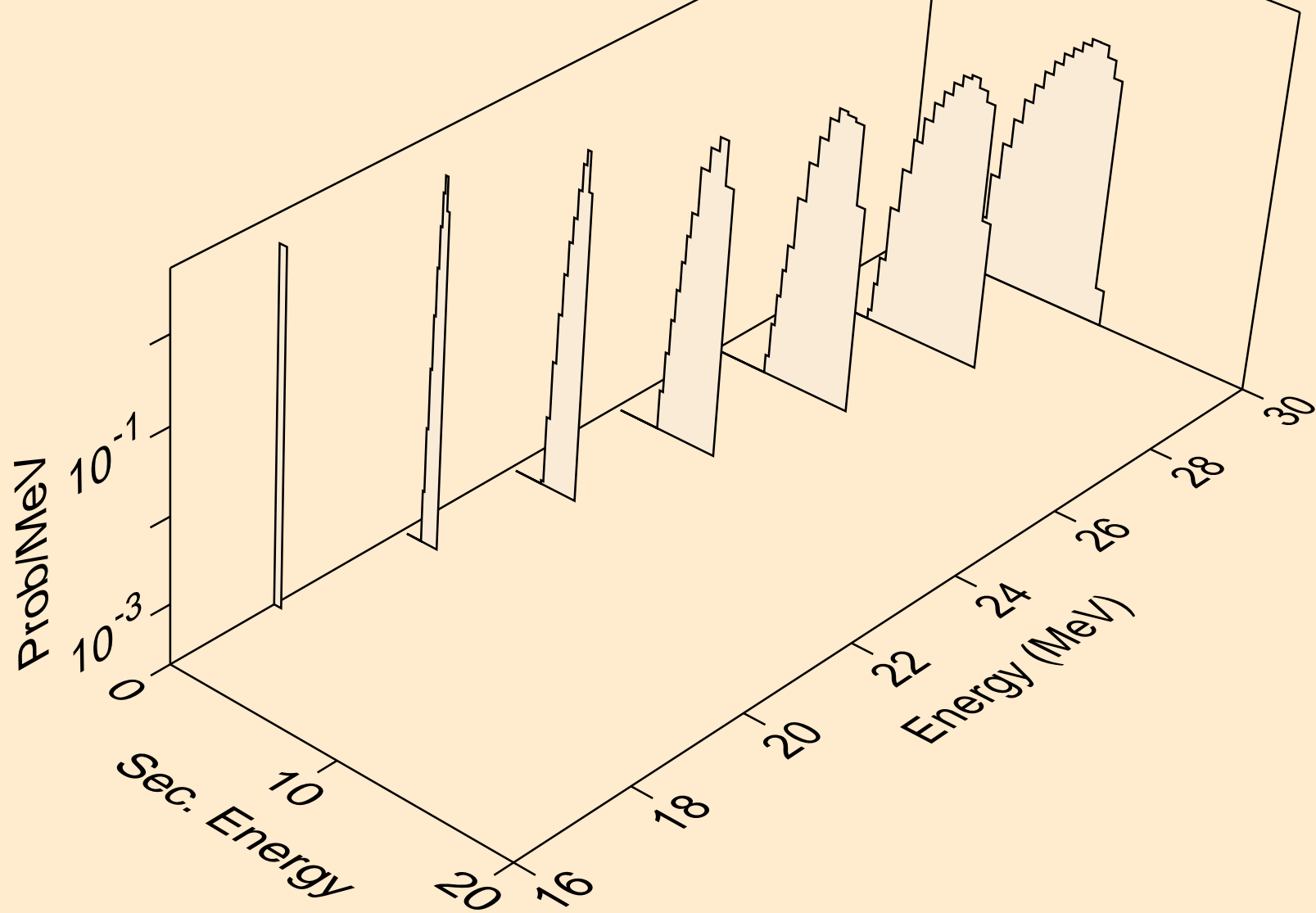
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,da)



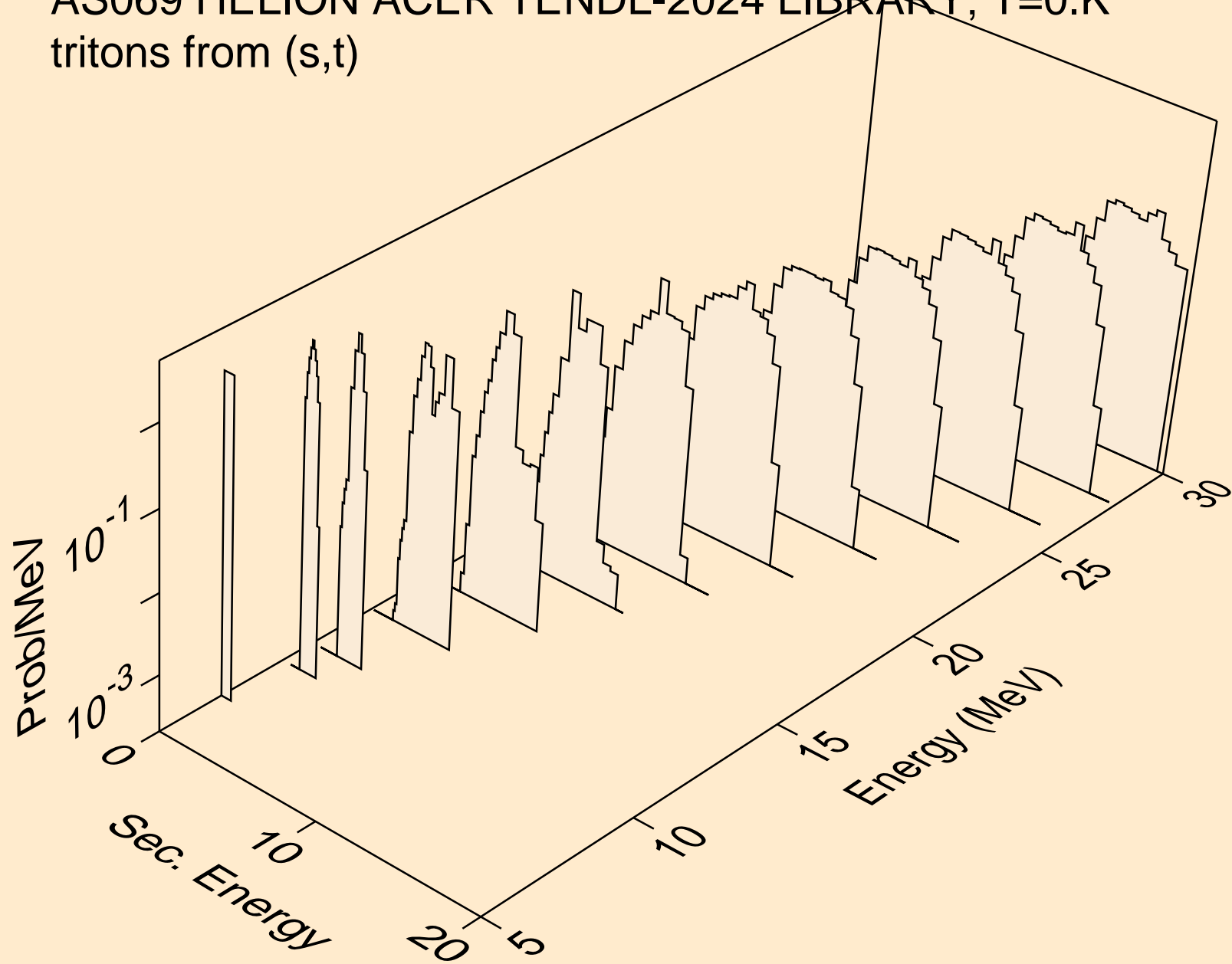
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (s,x)



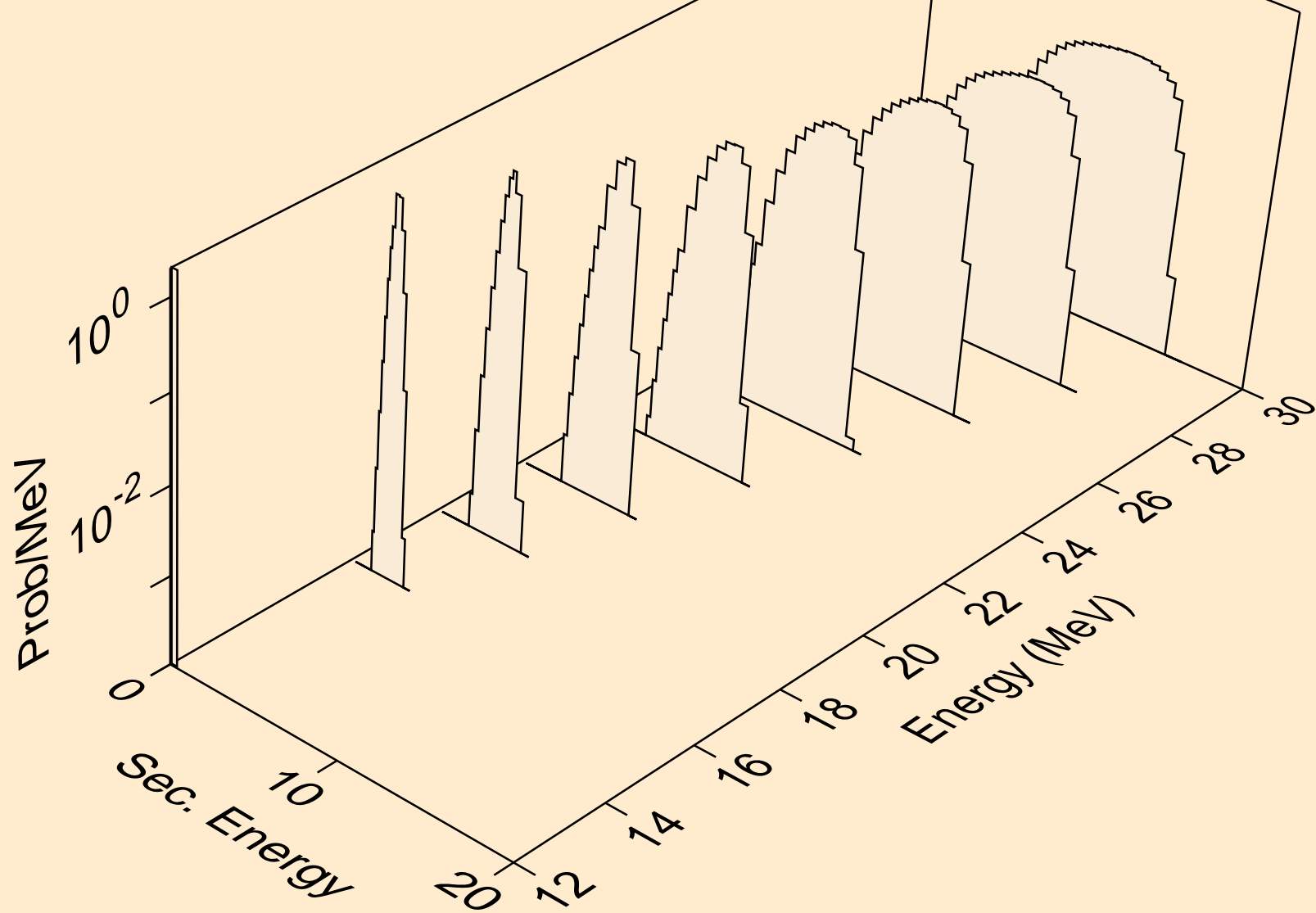
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (s,n\*)t



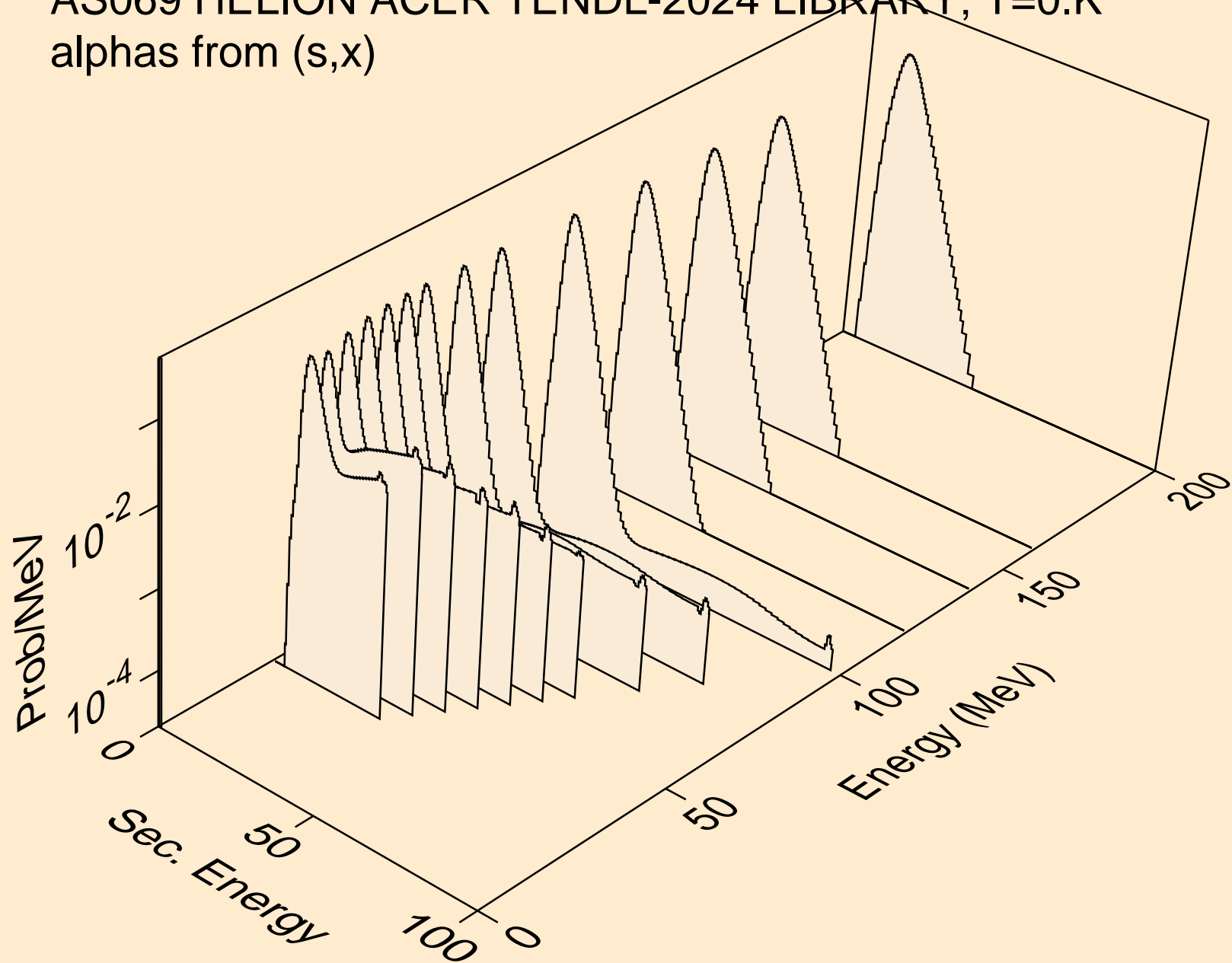
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (s,t)



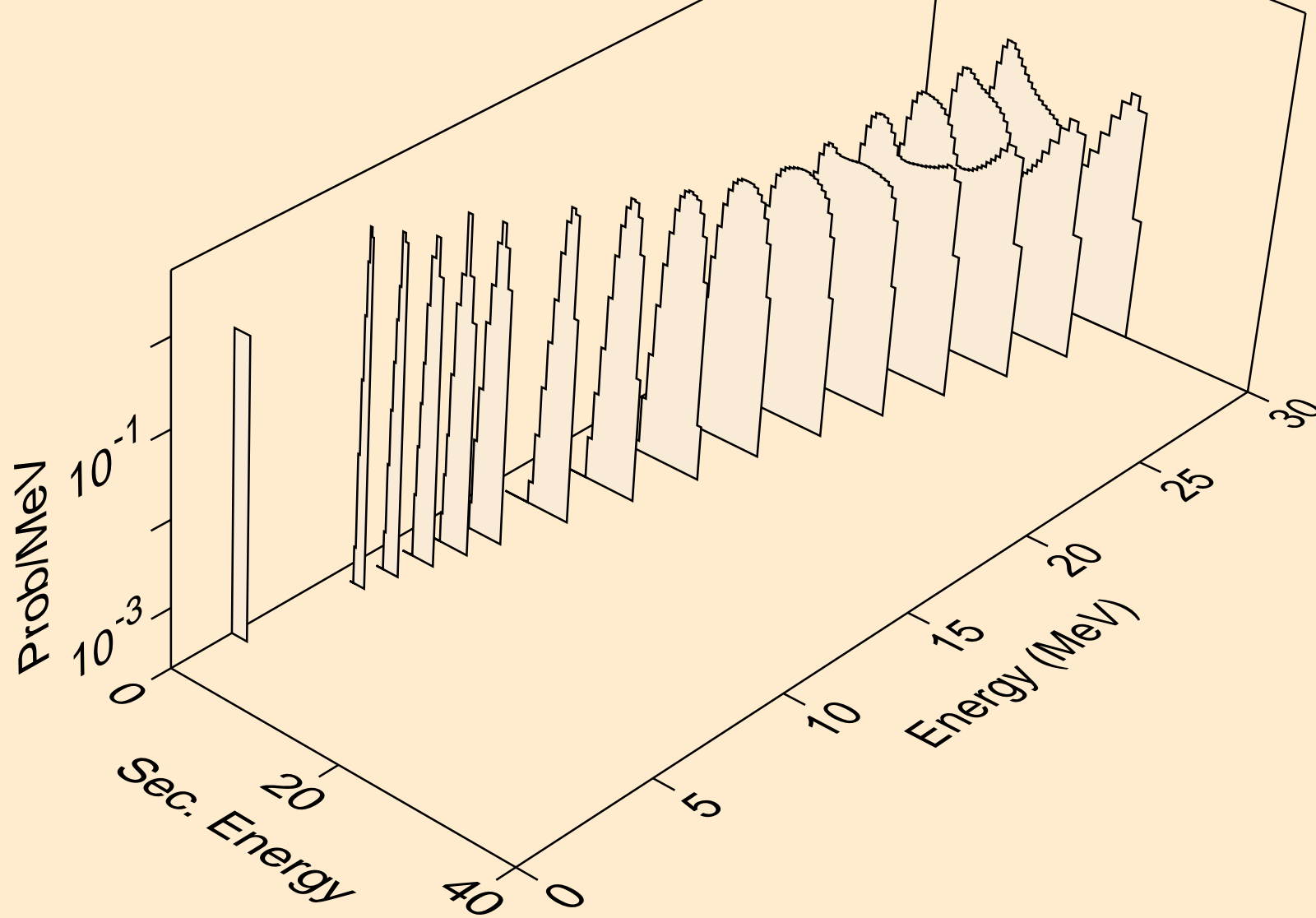
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (s,pt)



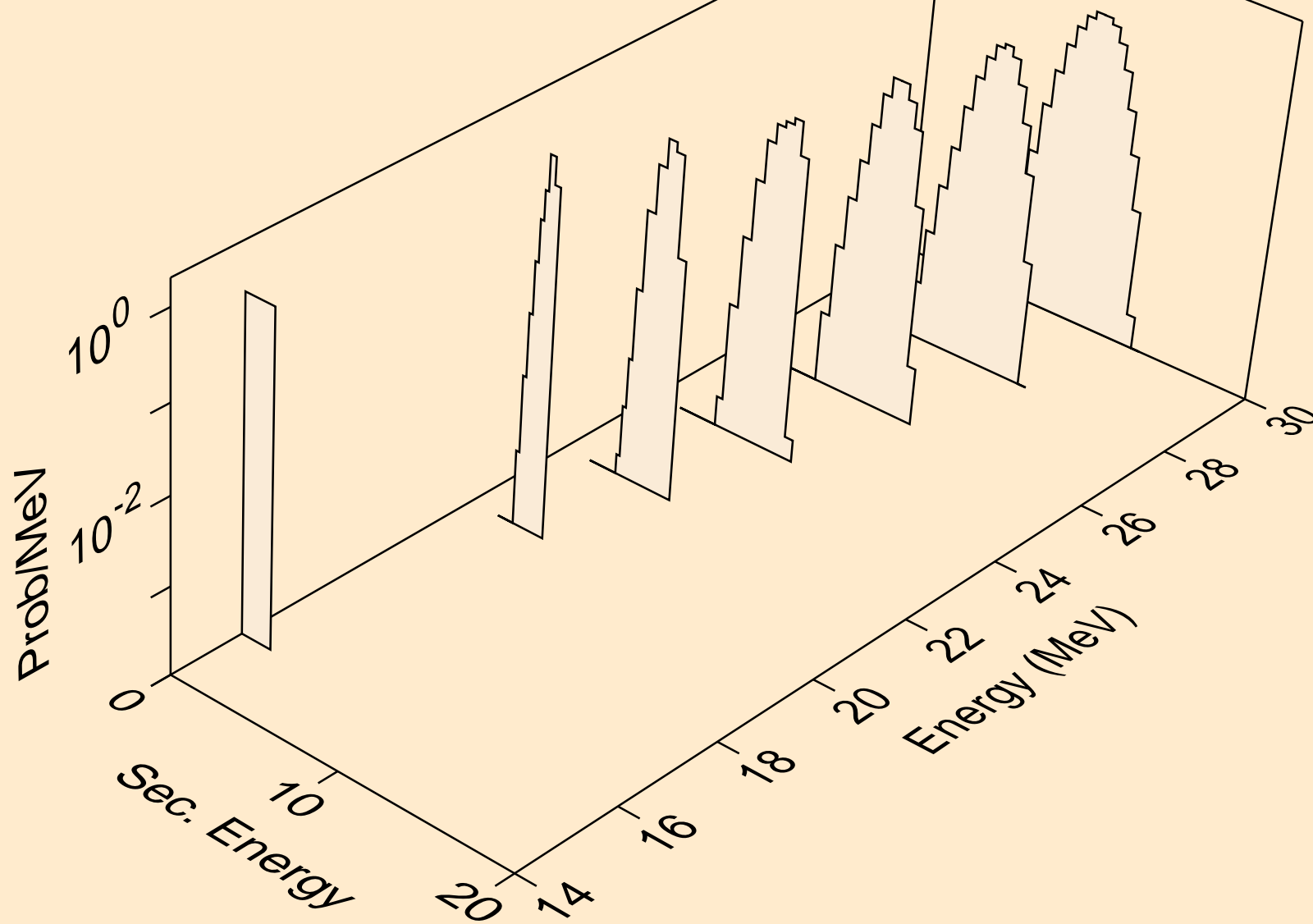
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,x)



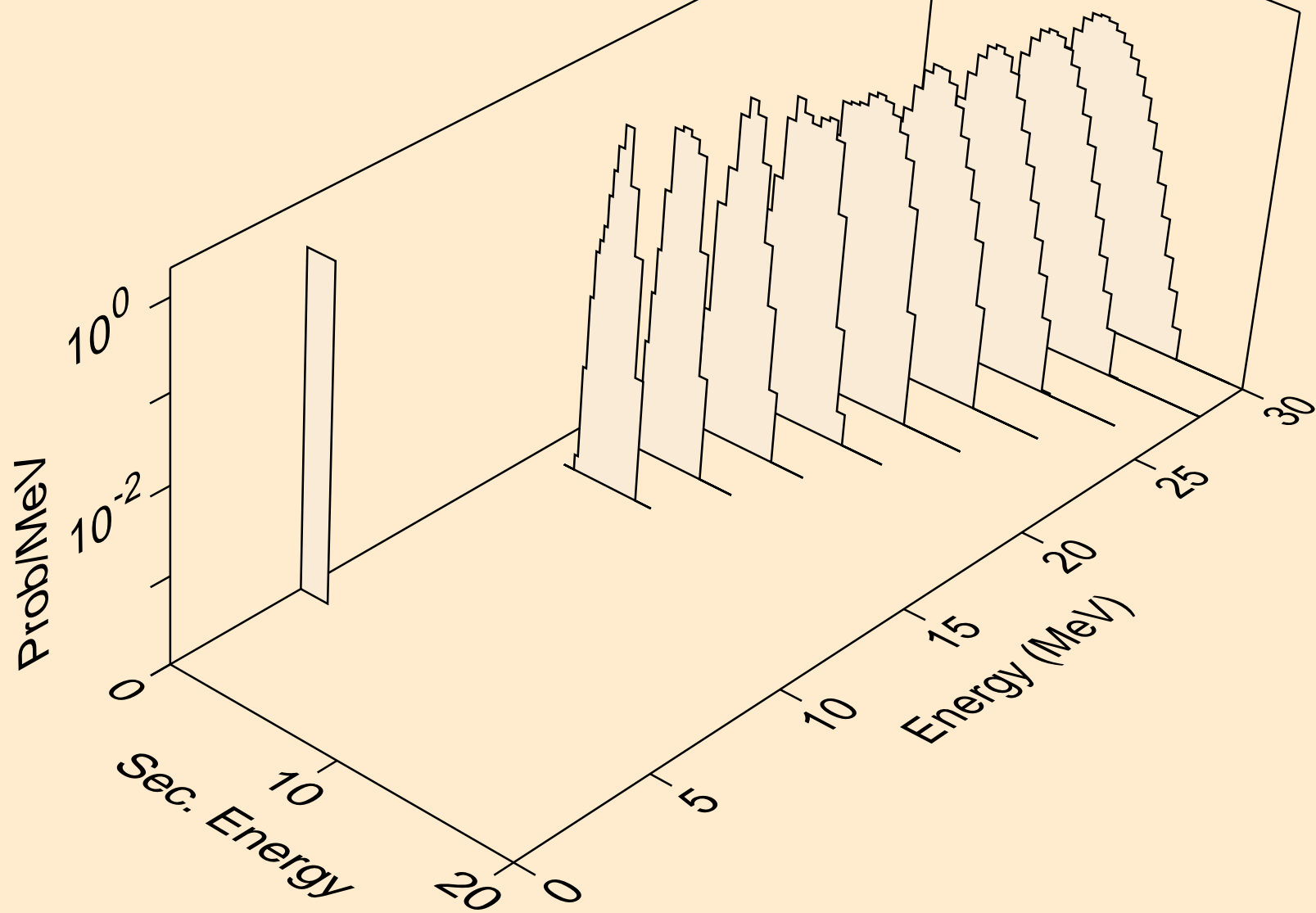
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,n\*)a



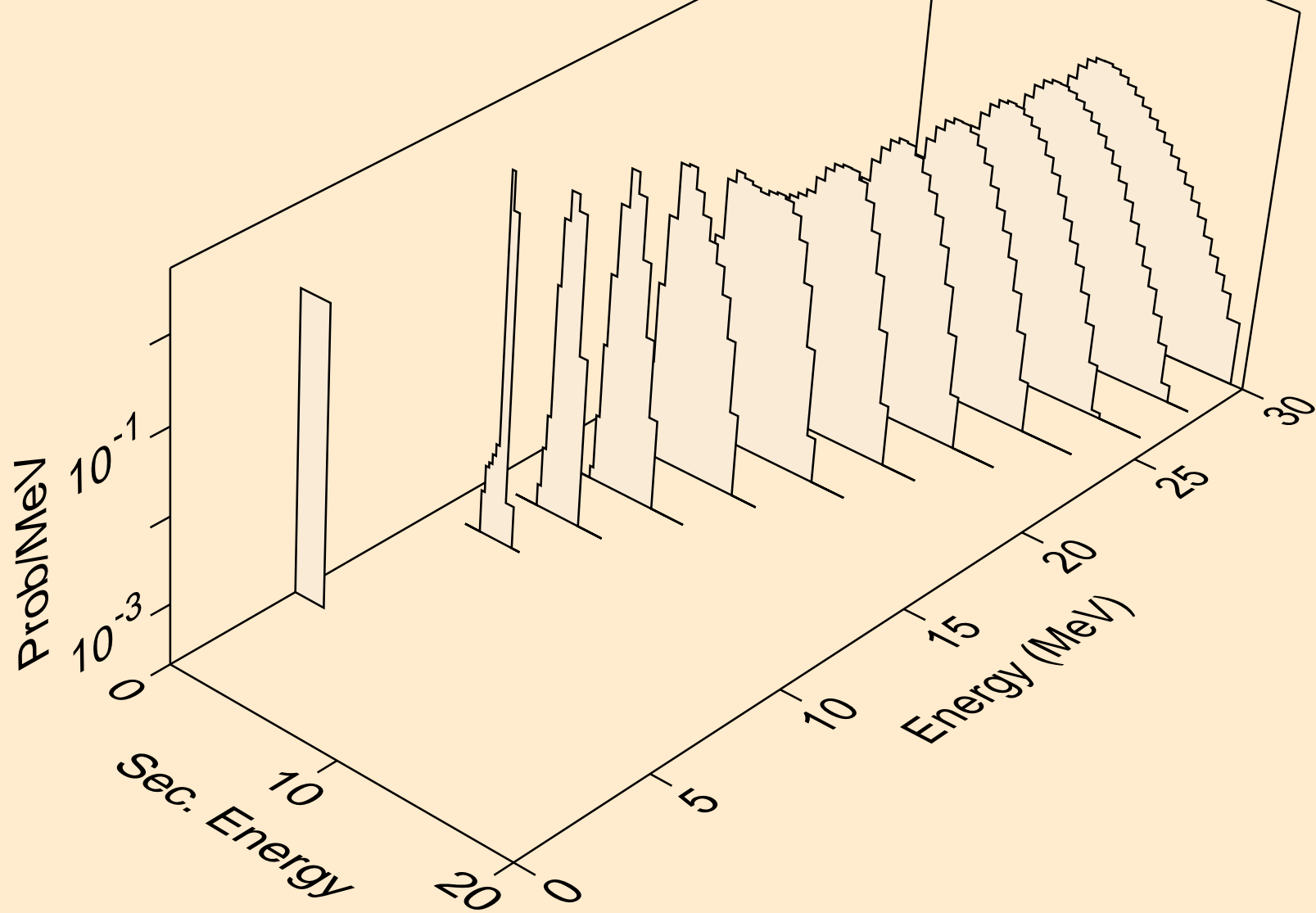
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,2n)a



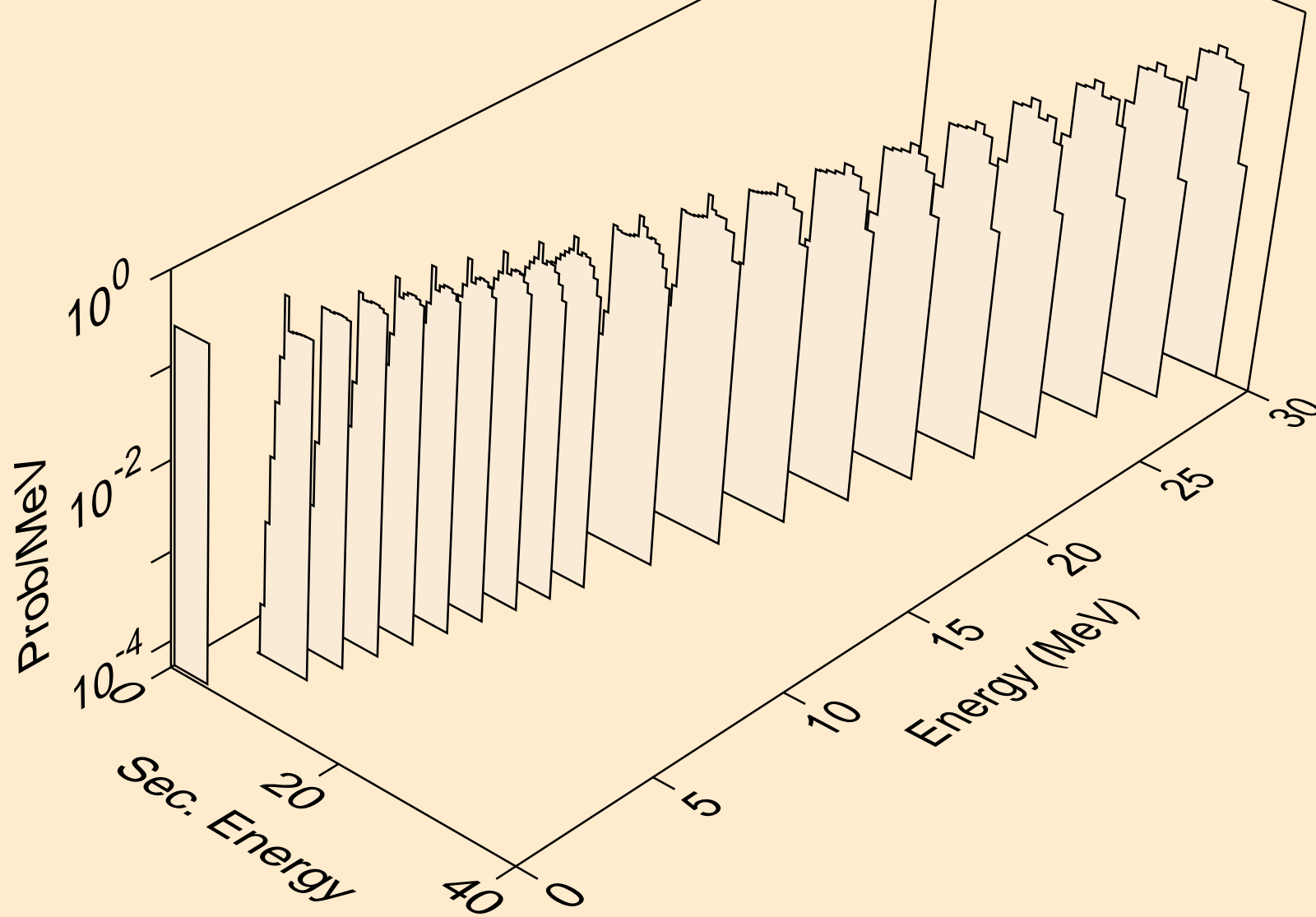
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,n\*)2a



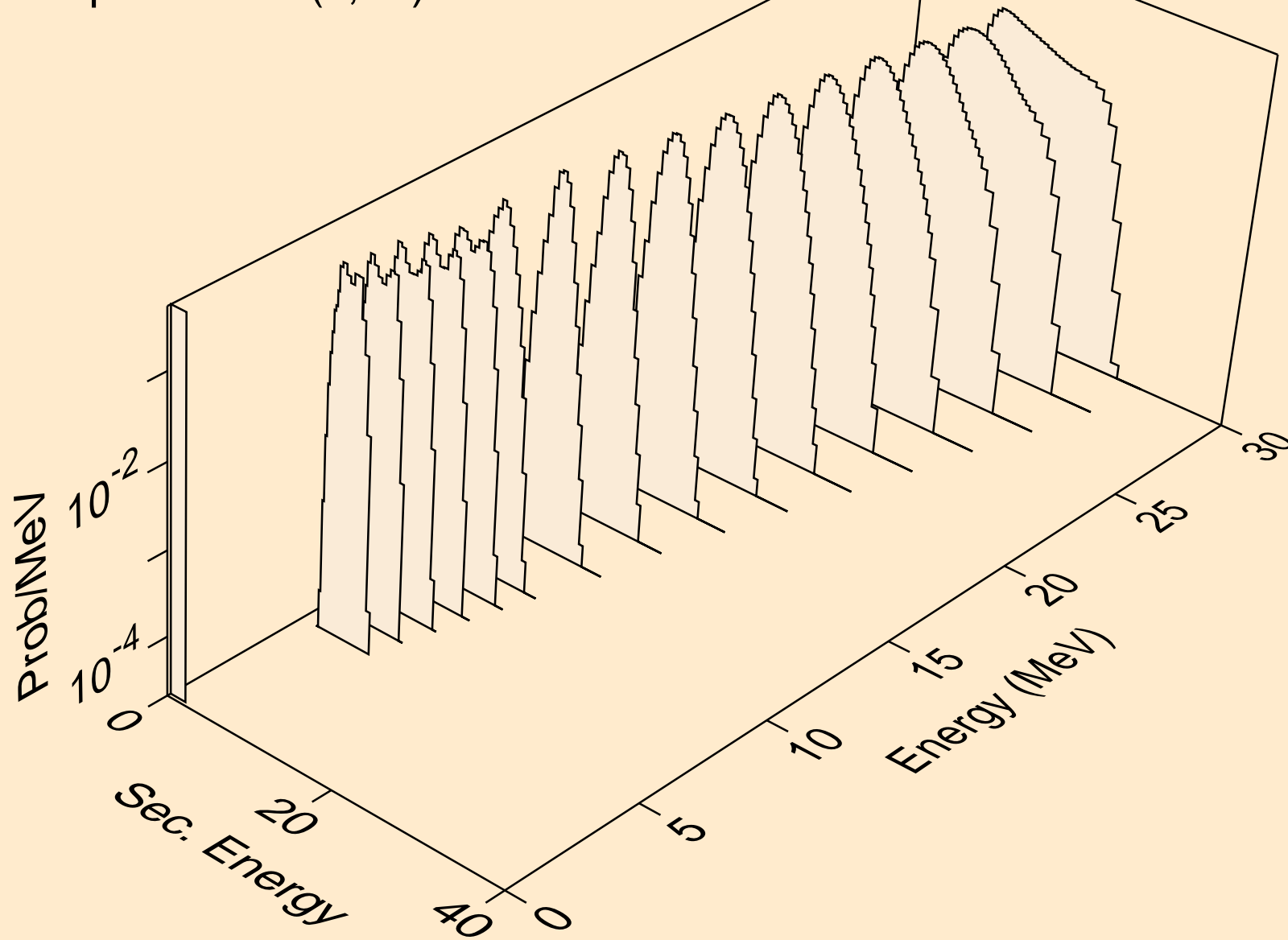
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,npa)



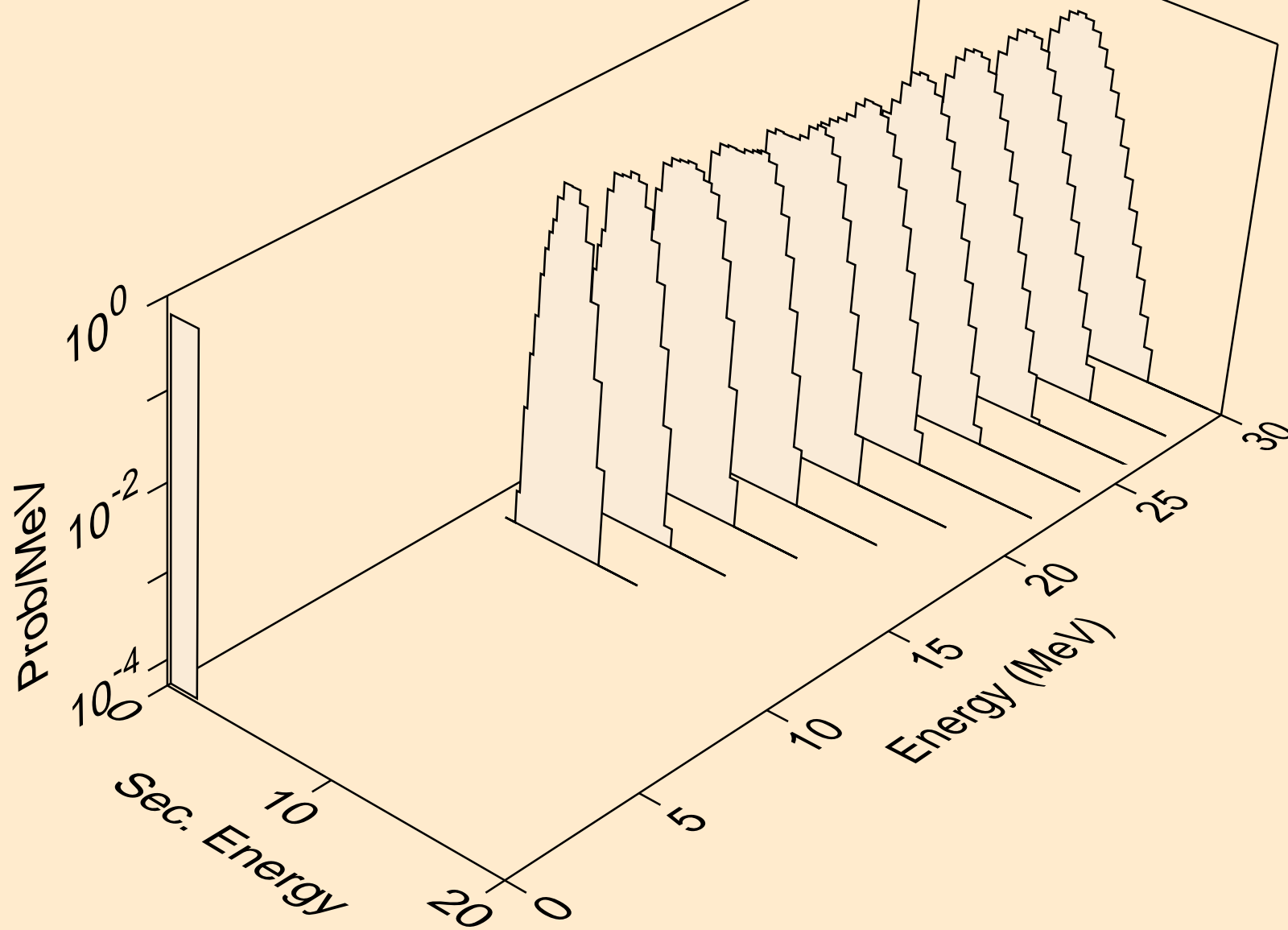
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,a)



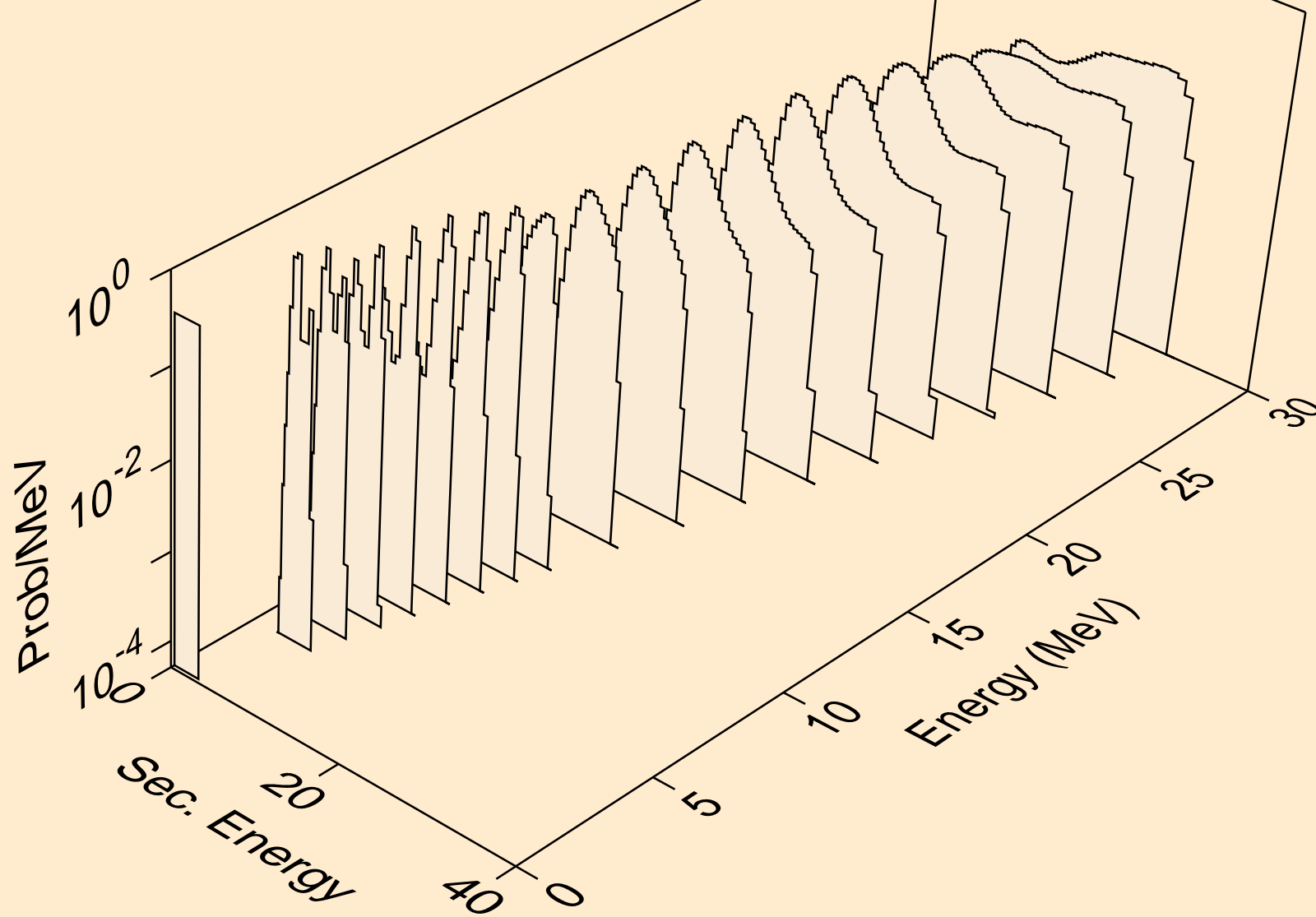
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,2a)



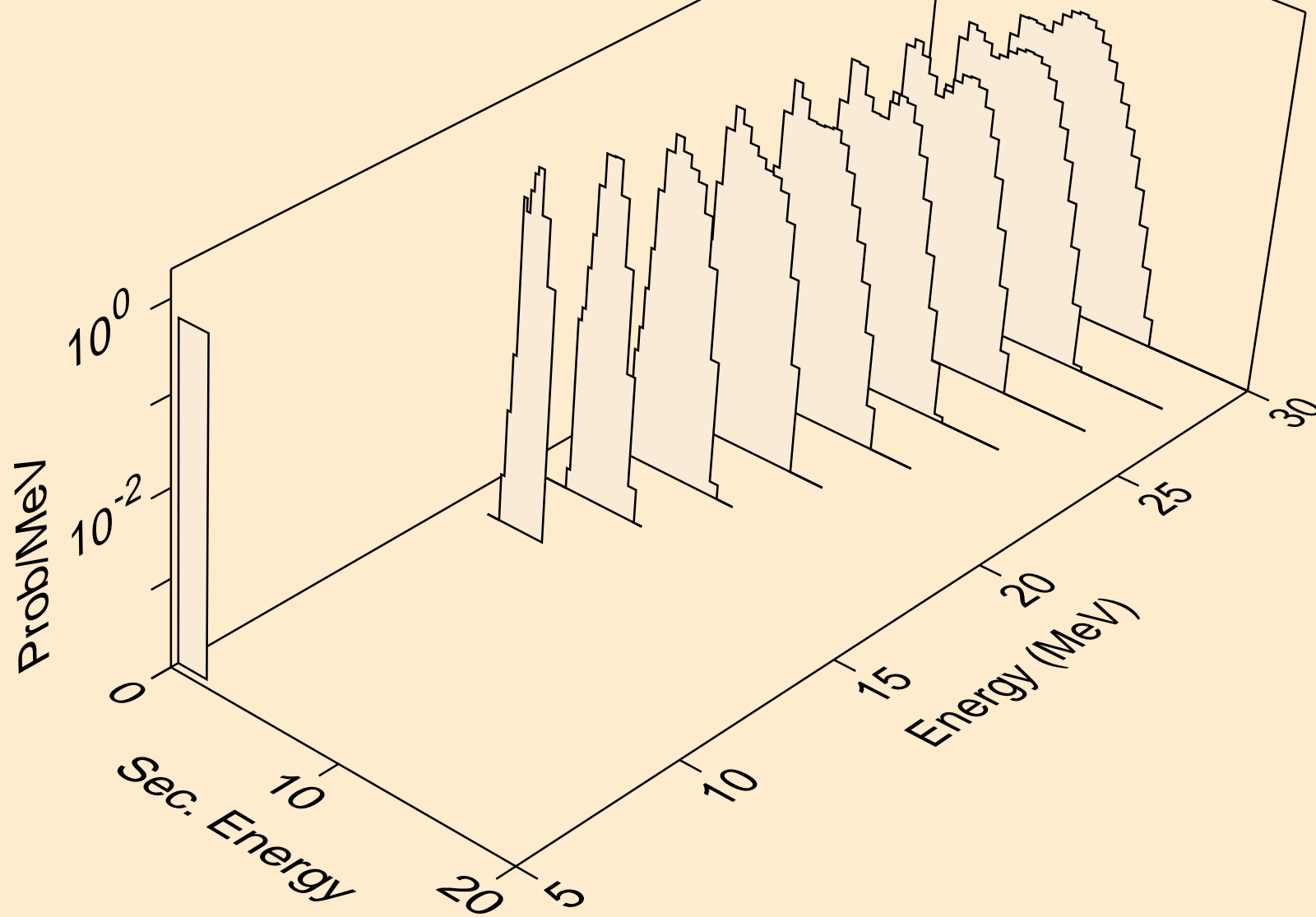
AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,3a)



AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,pa)



AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,d2a)



AS069 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,da)

