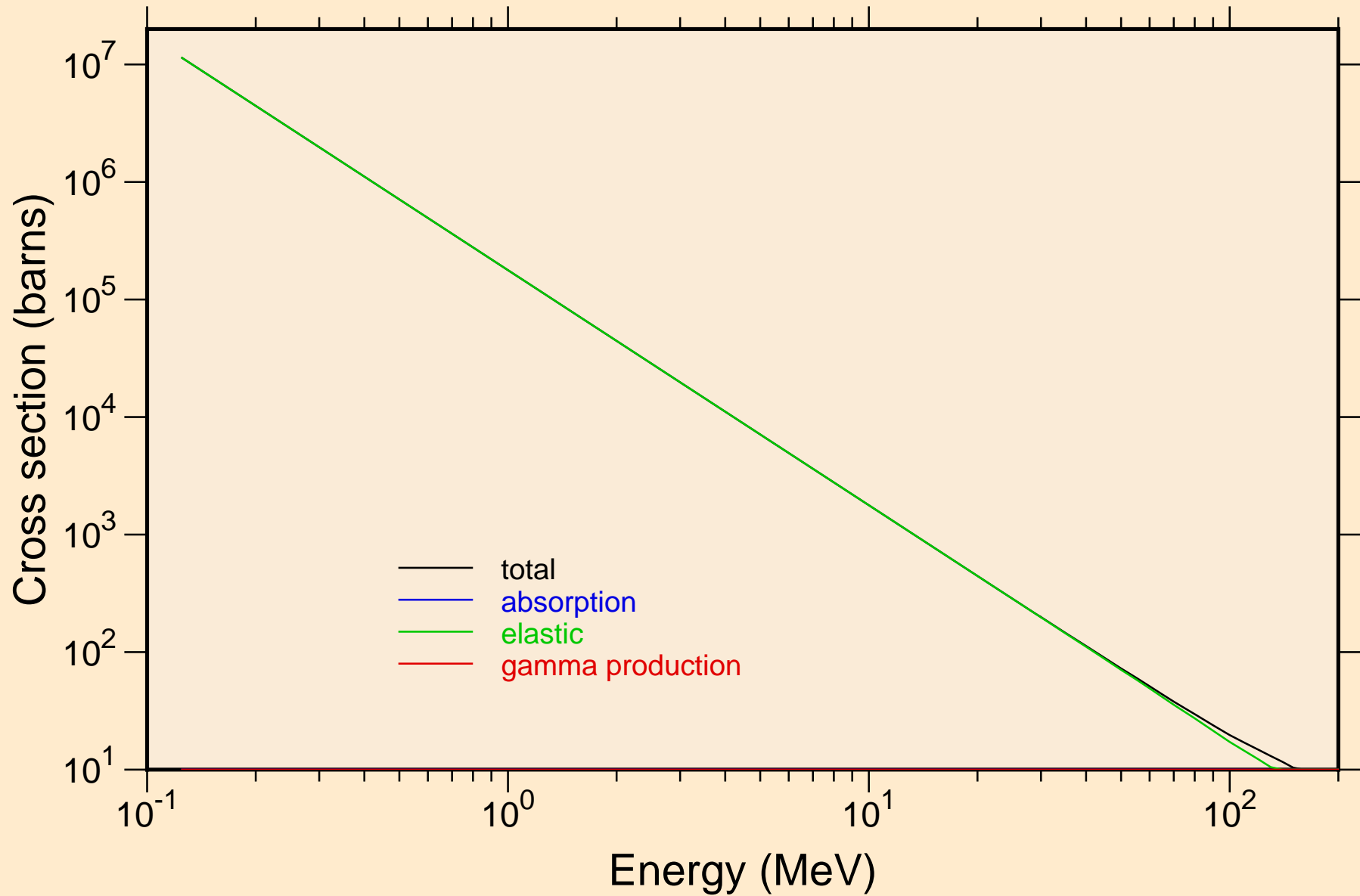
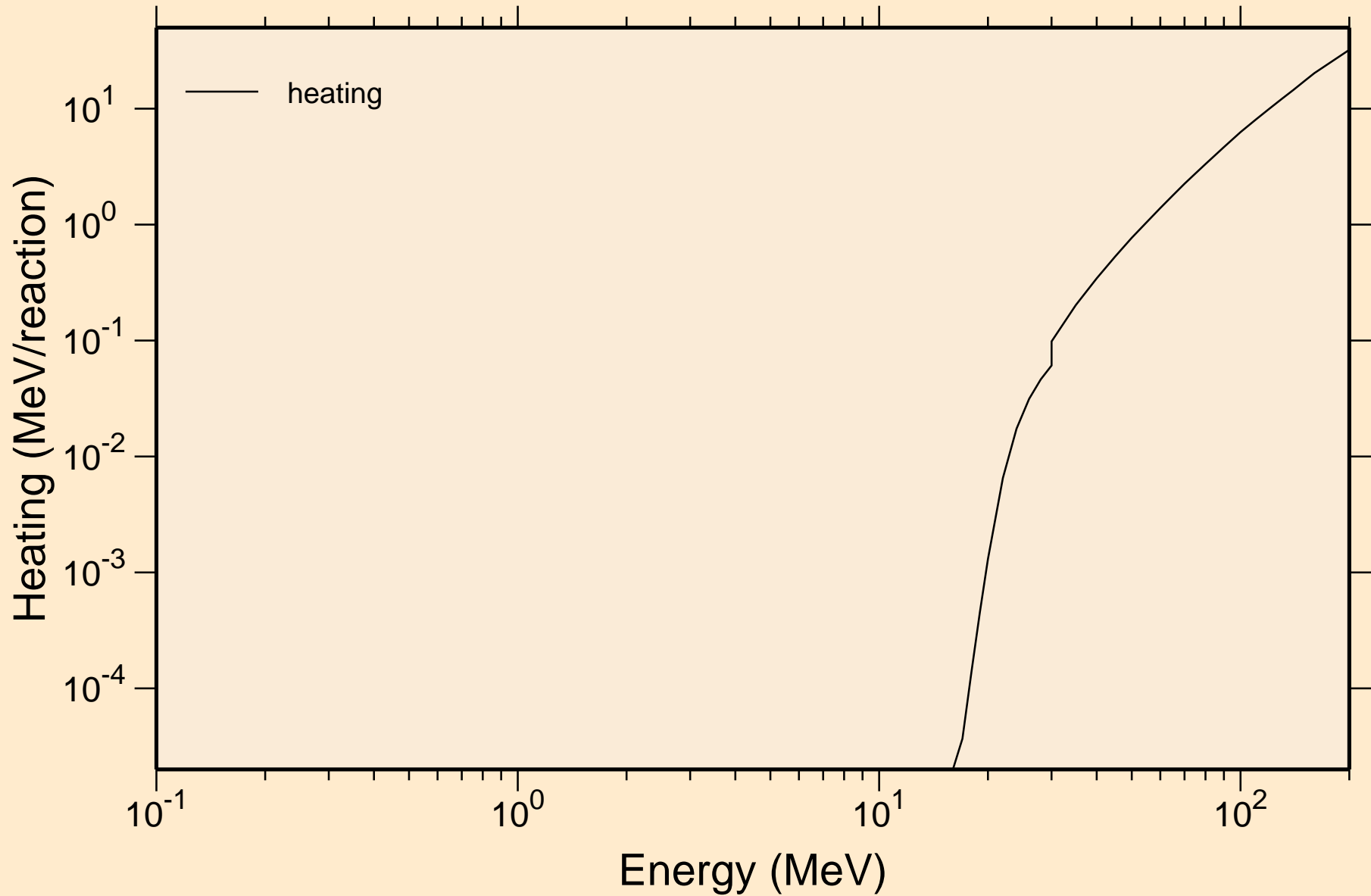


PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Principal cross sections



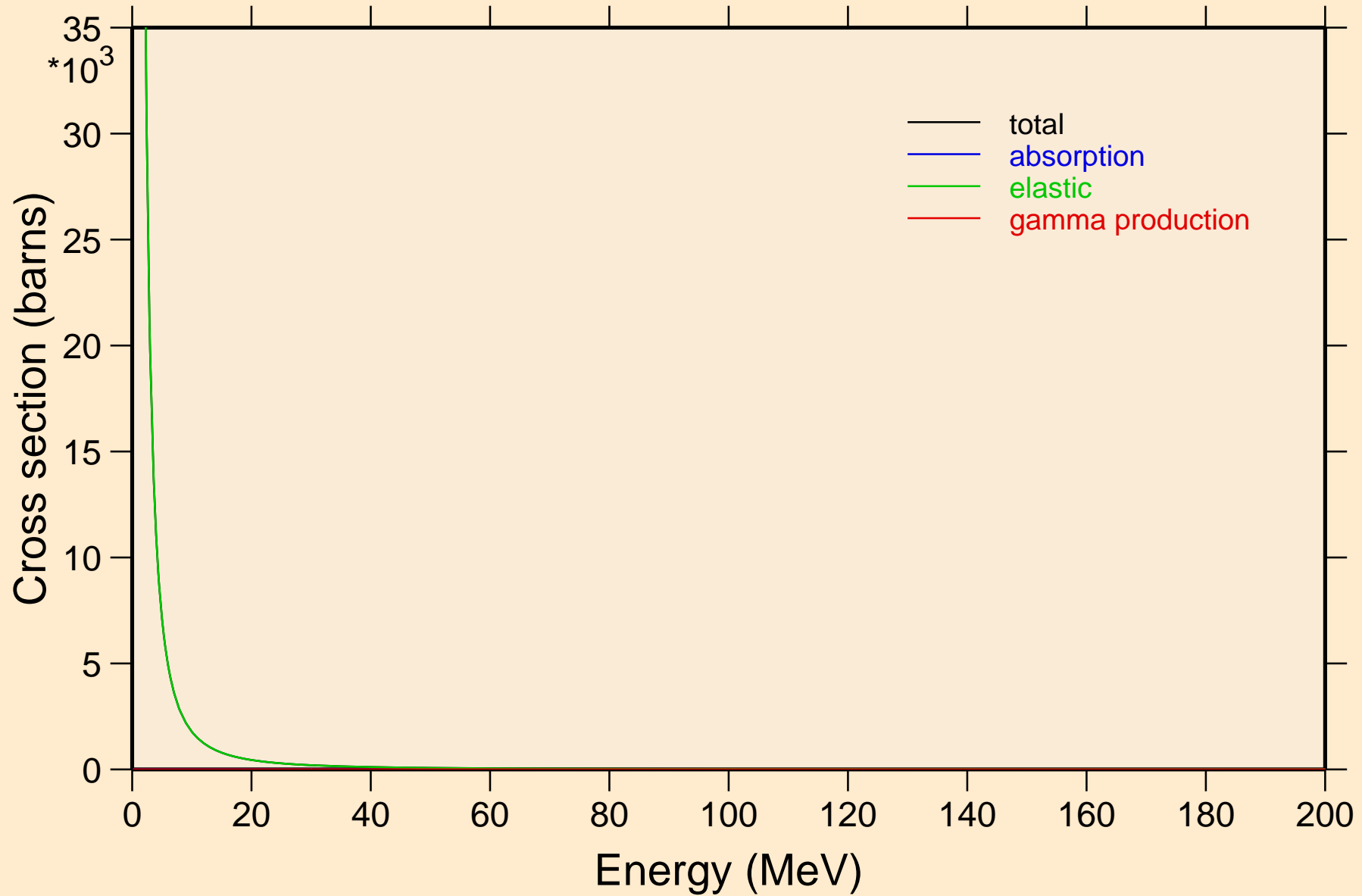
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K

Heating



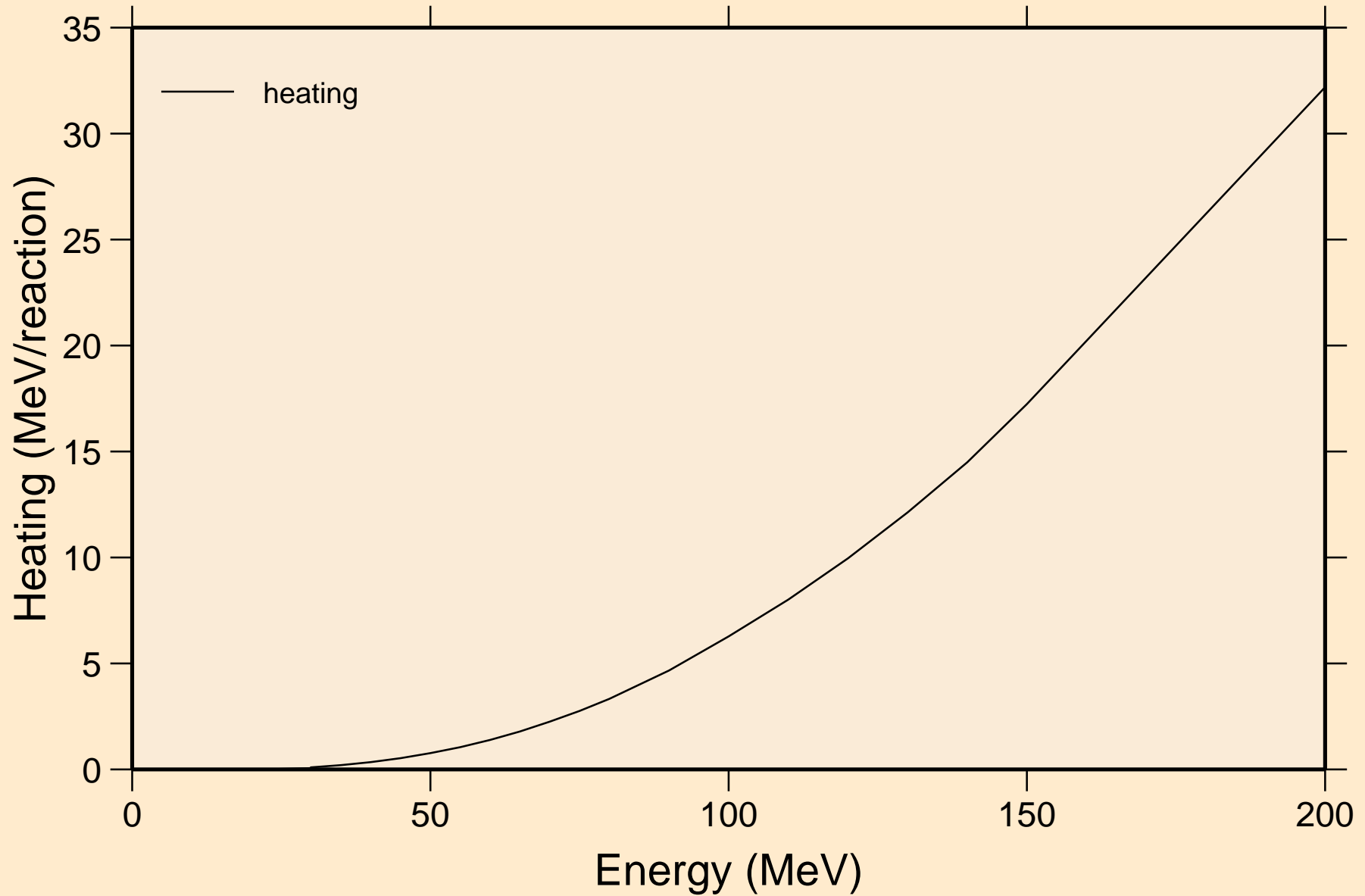
# PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections

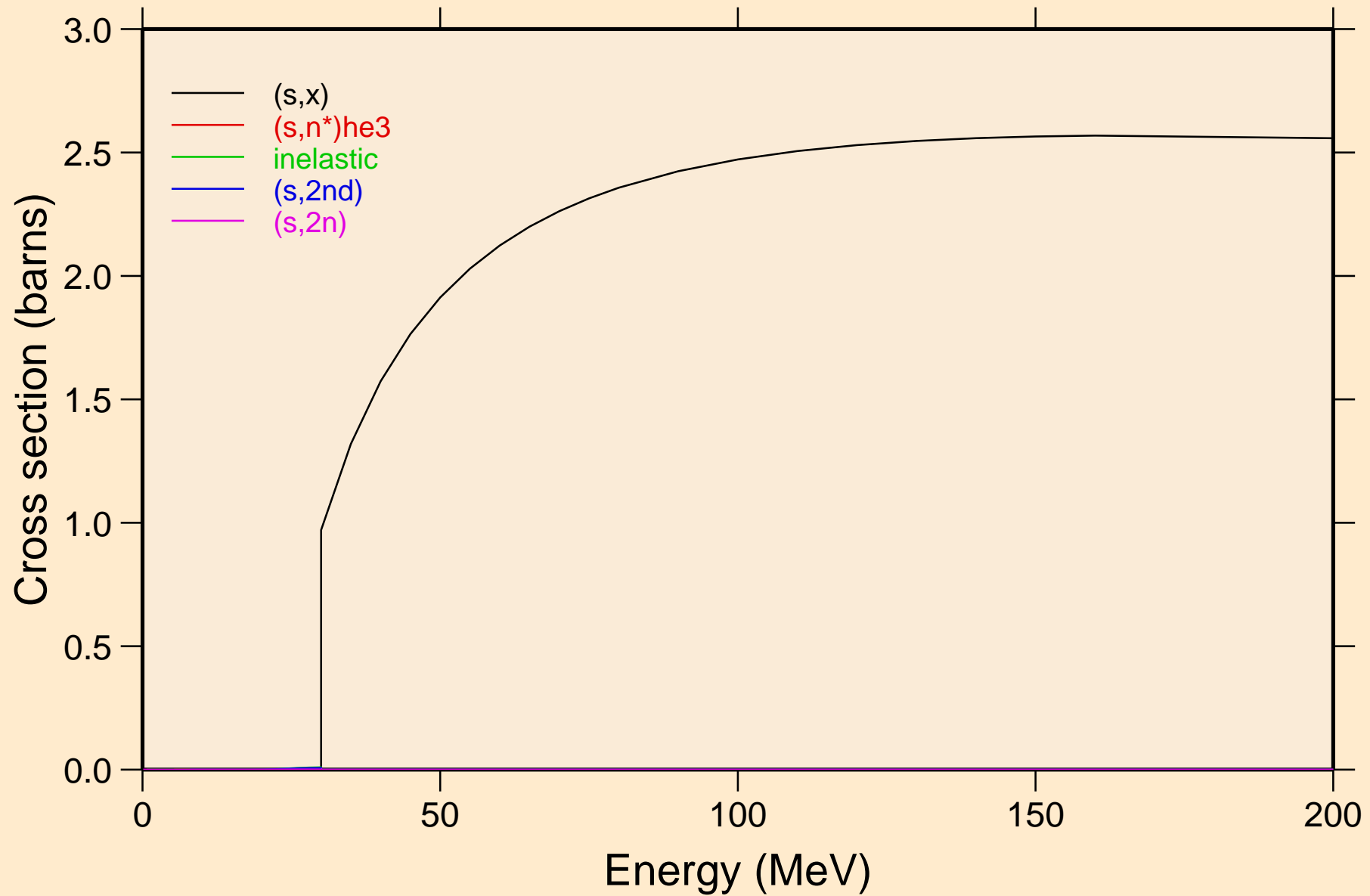


PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K

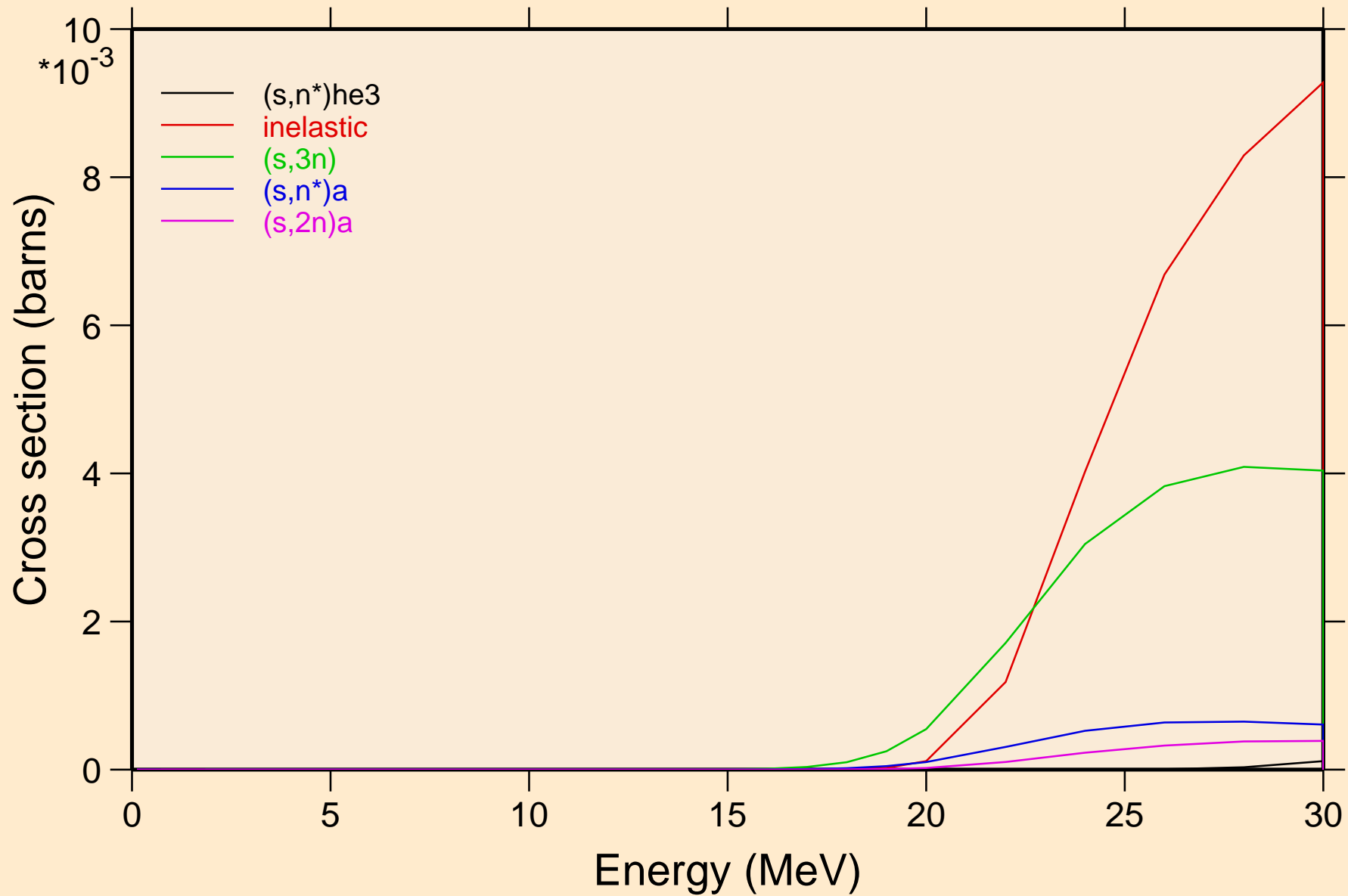
Heating



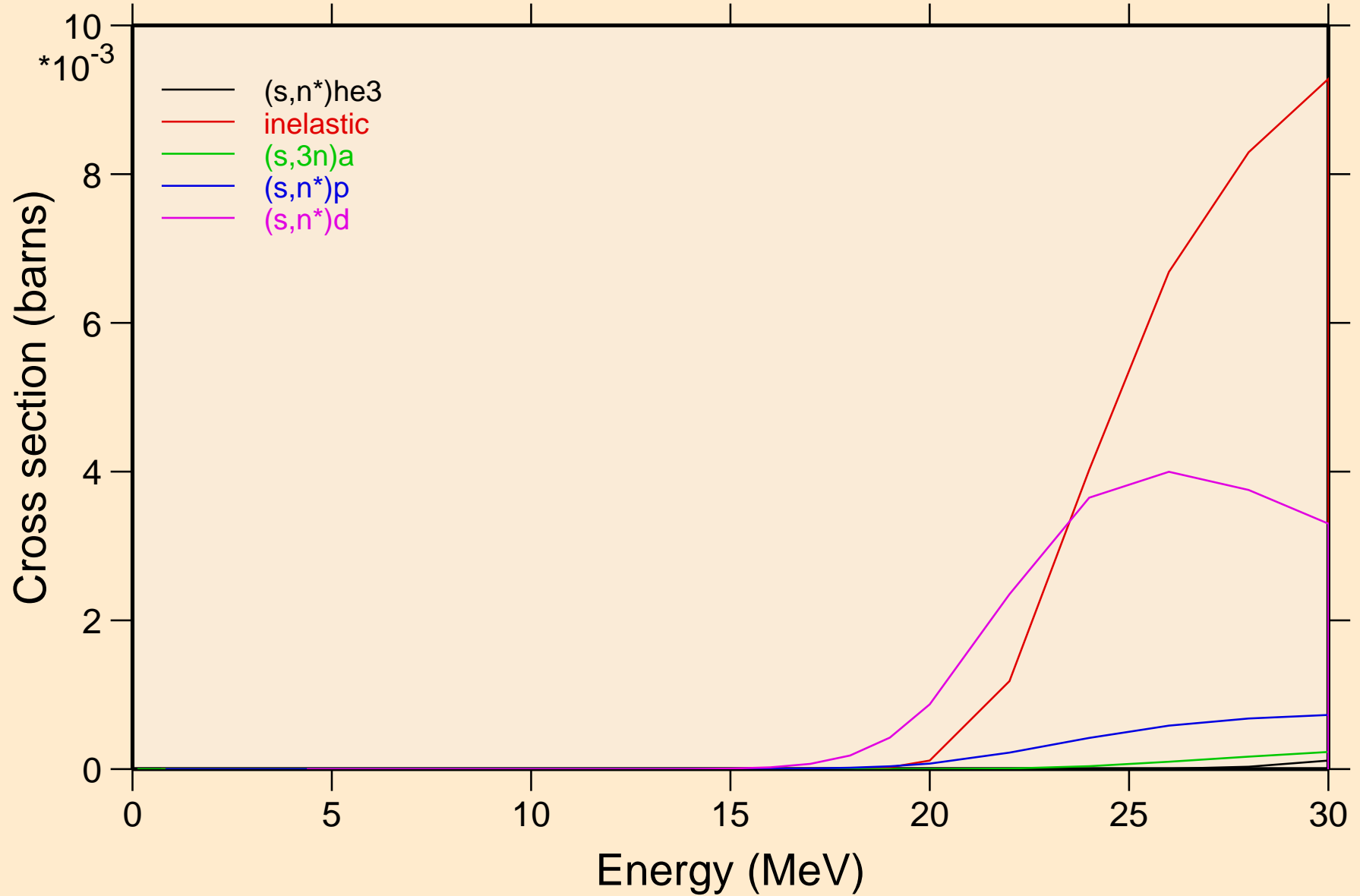
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



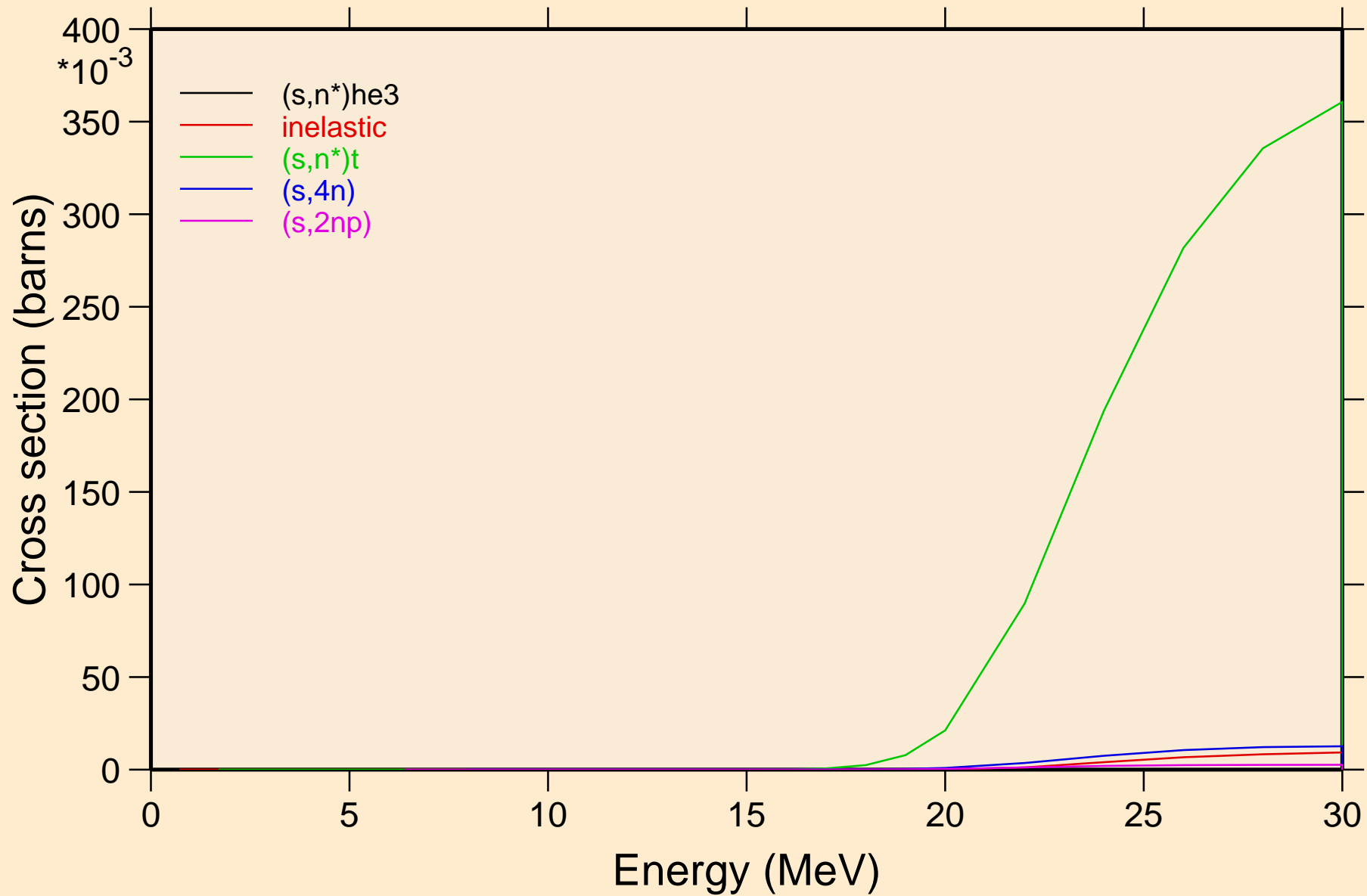
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



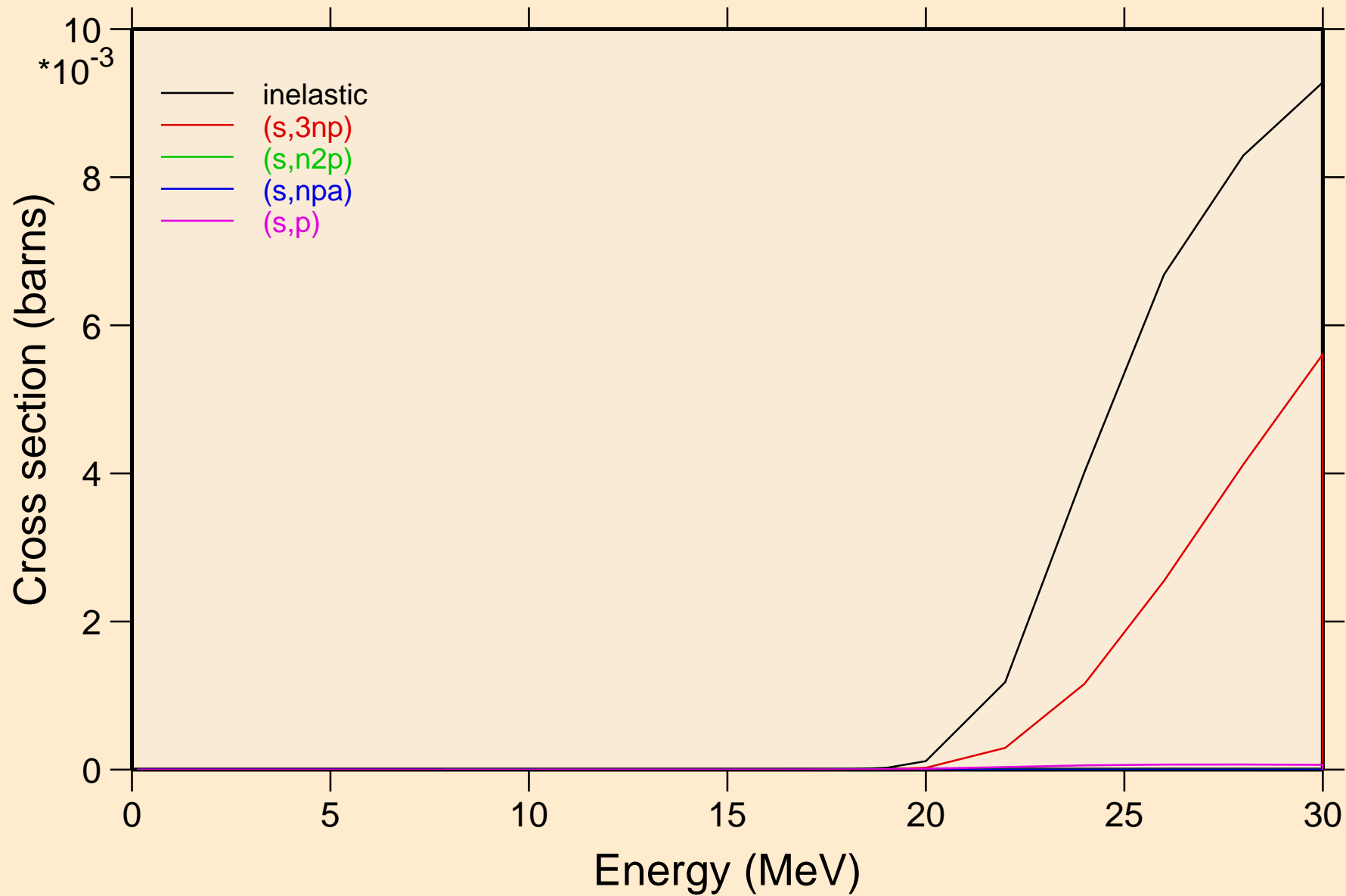
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



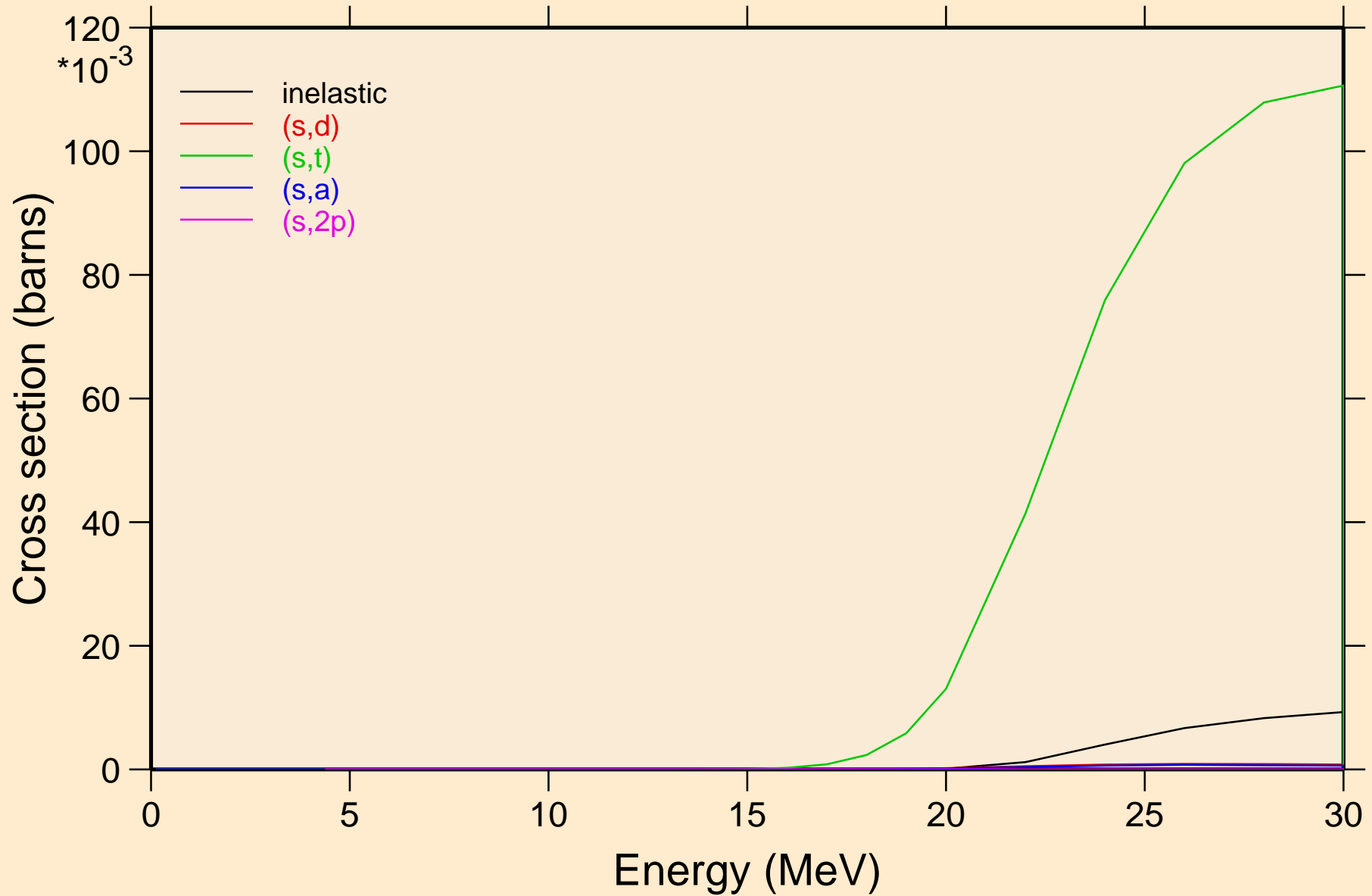
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



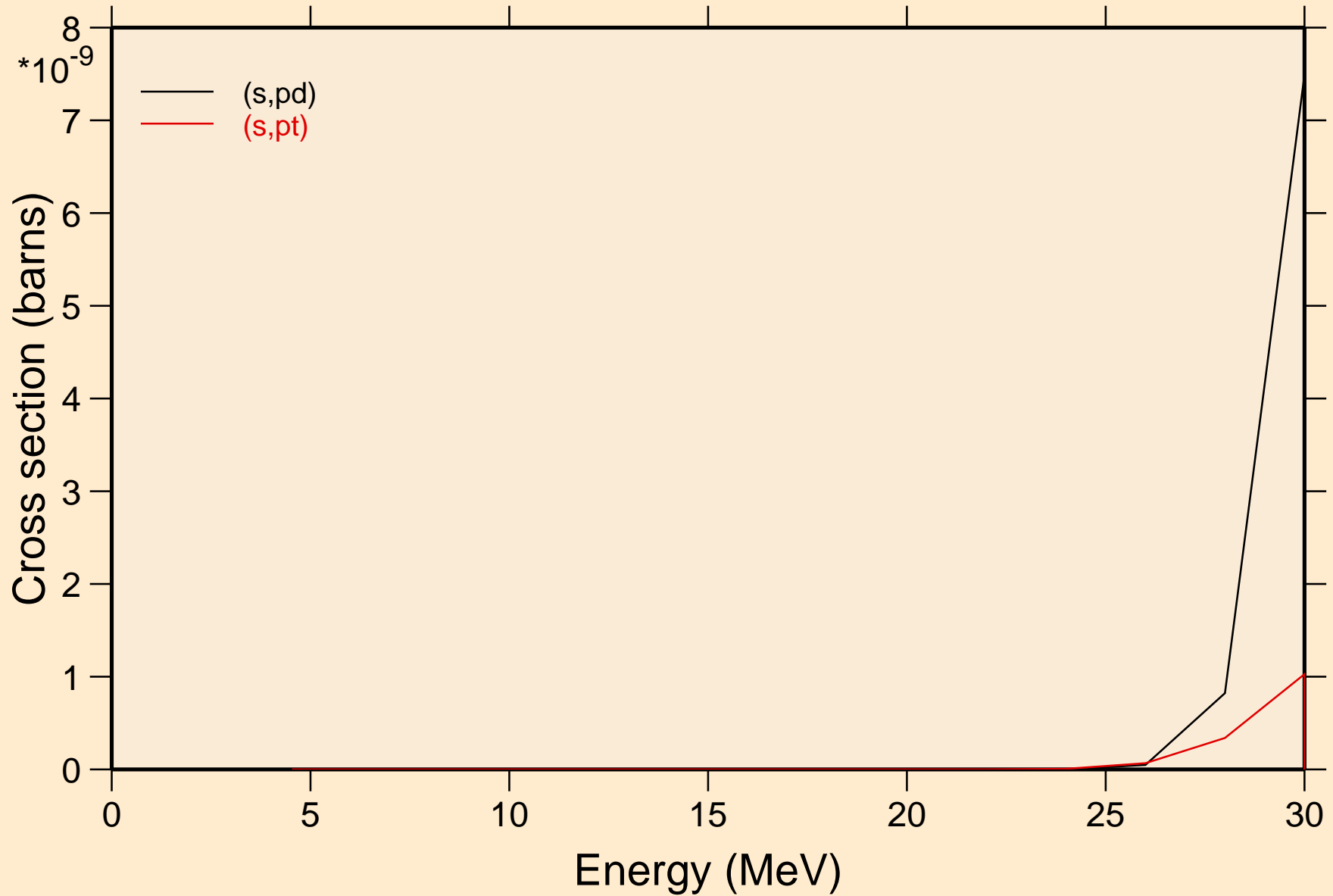
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



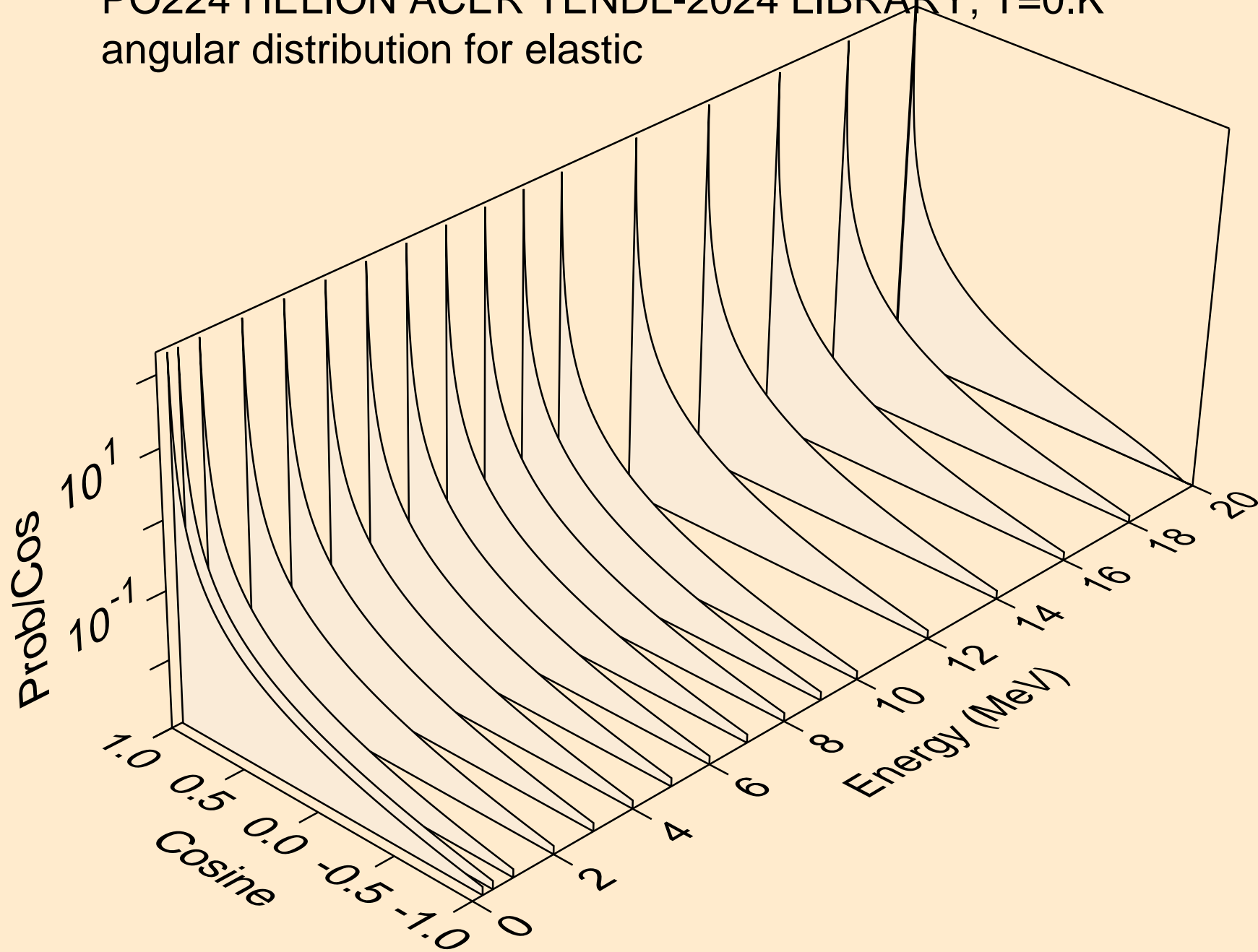
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



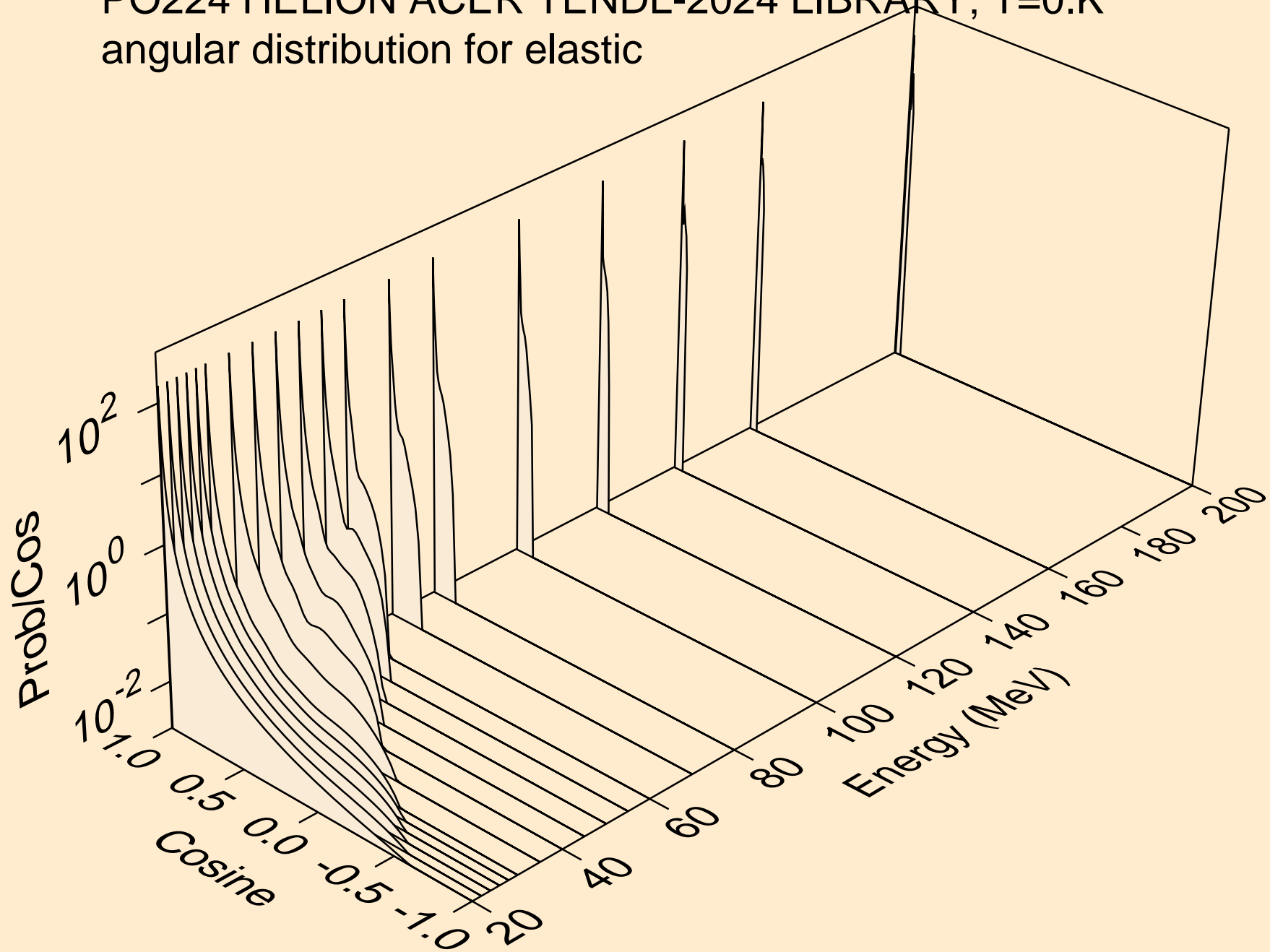
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



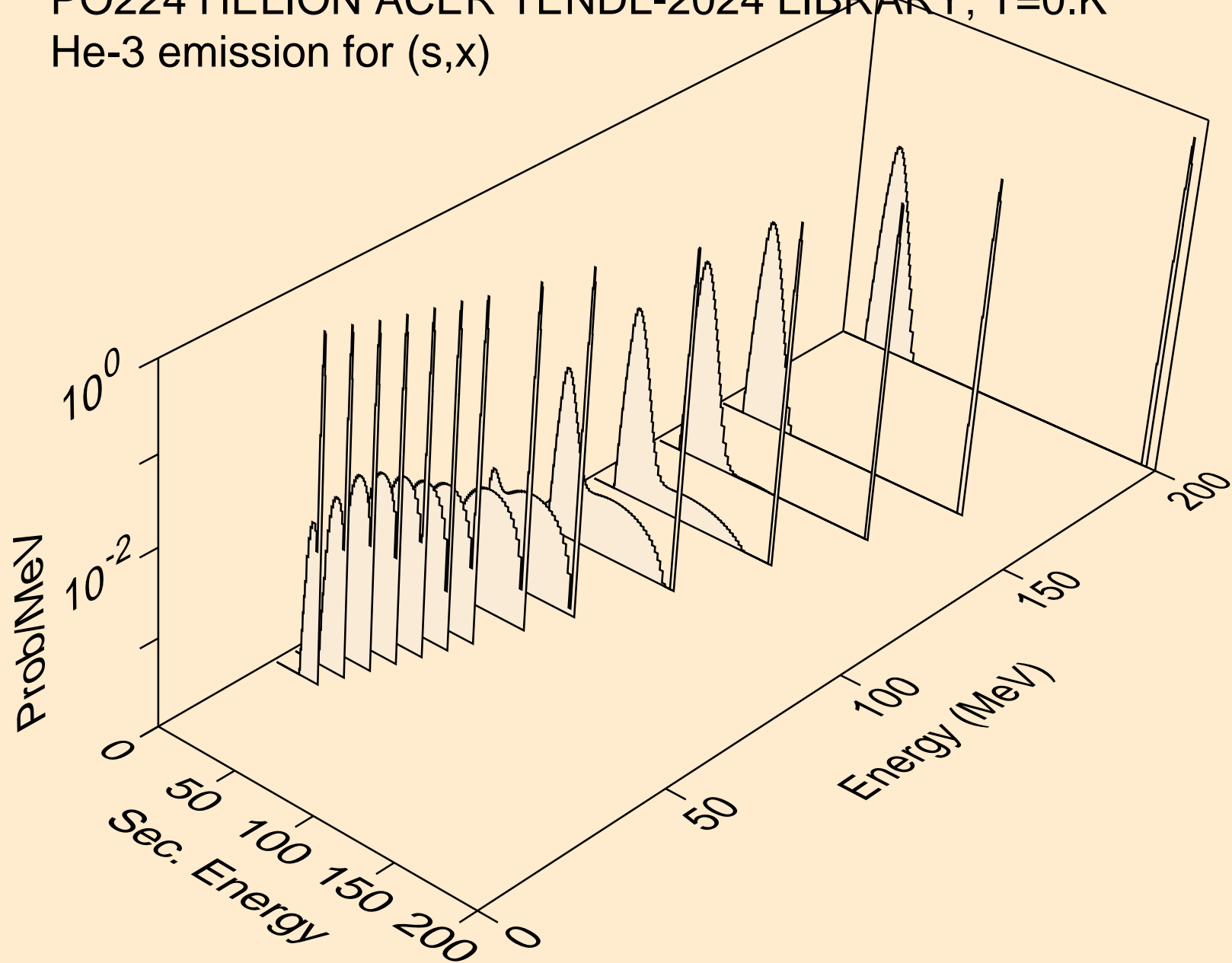
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



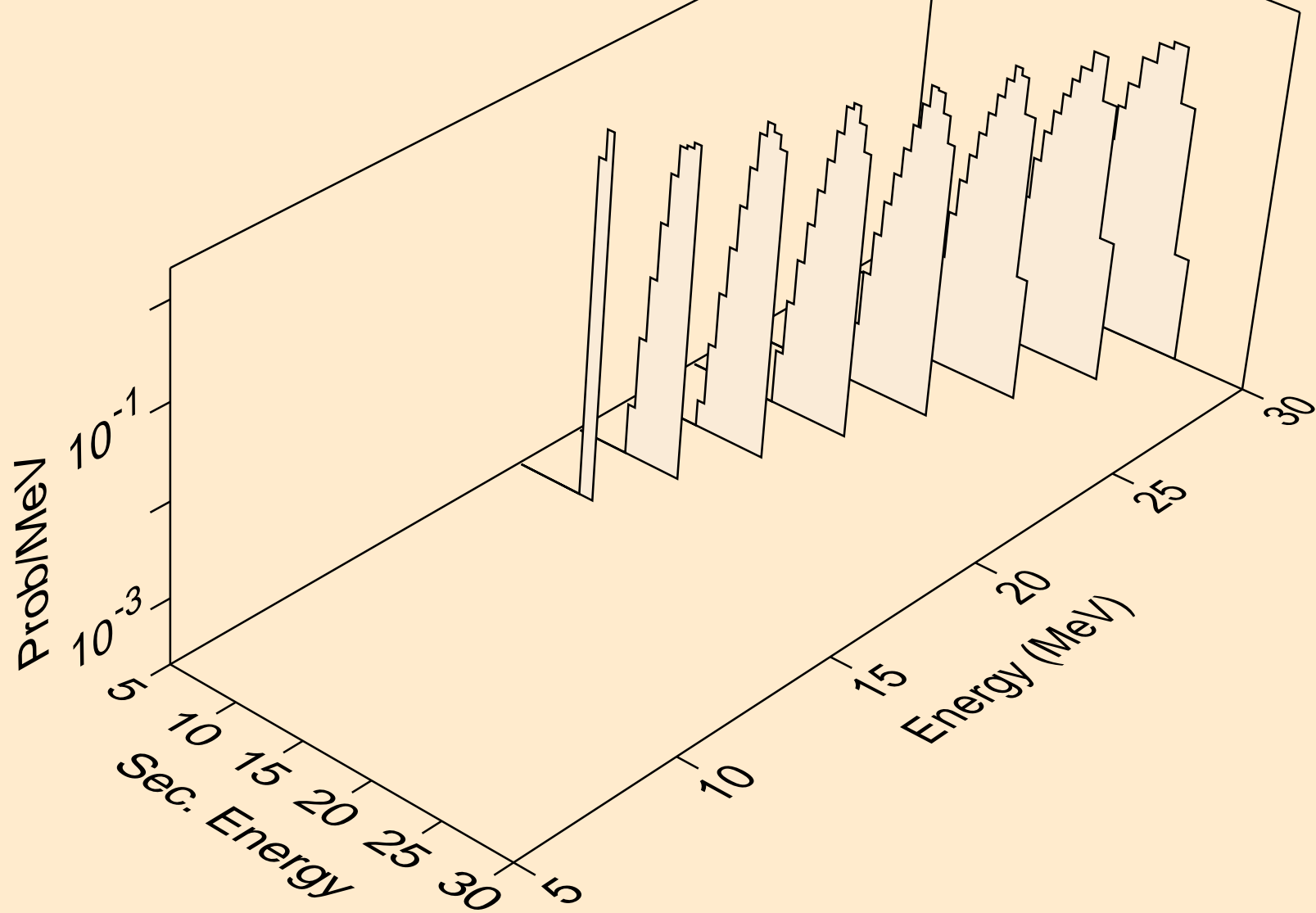
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



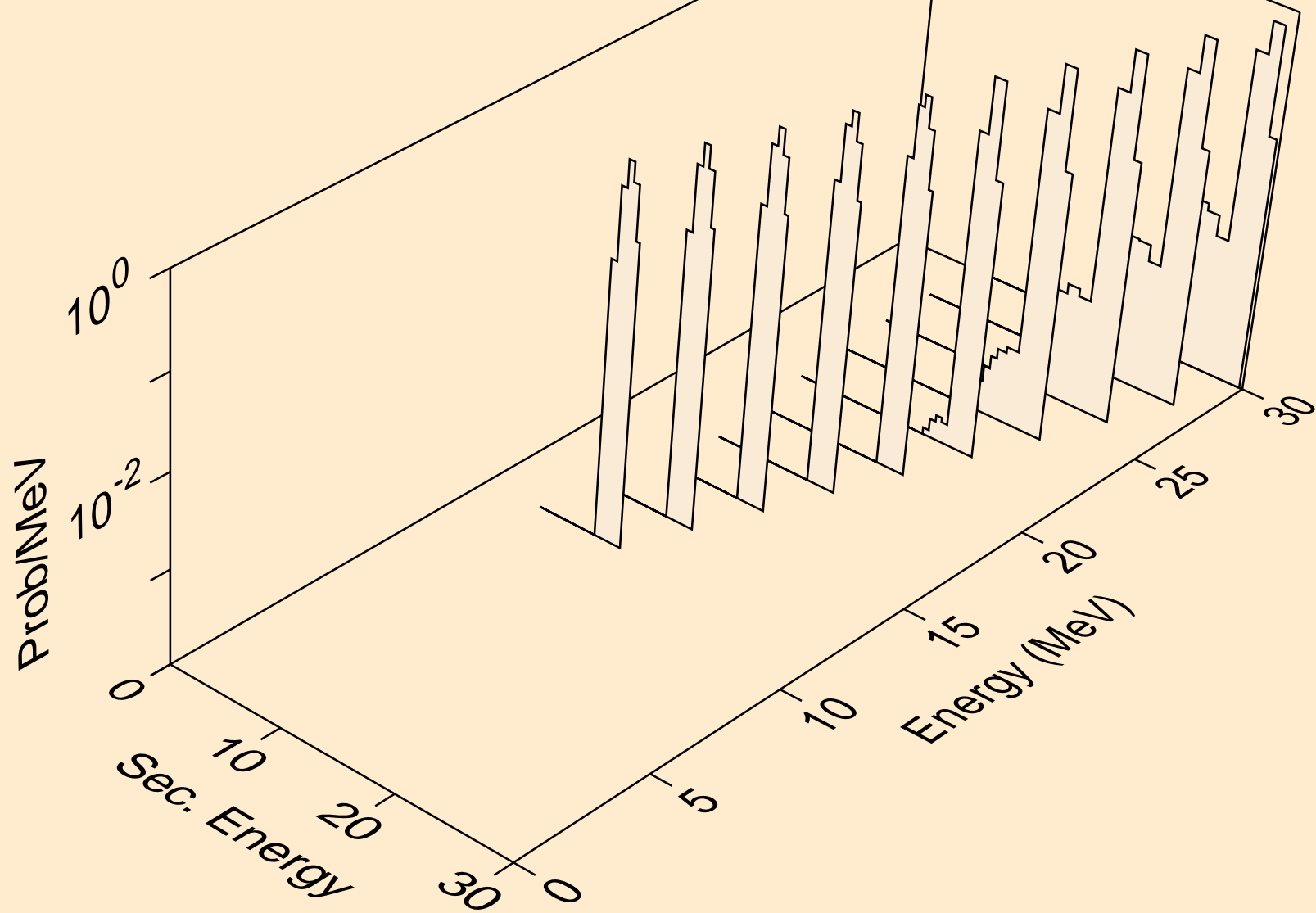
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for (s,x)



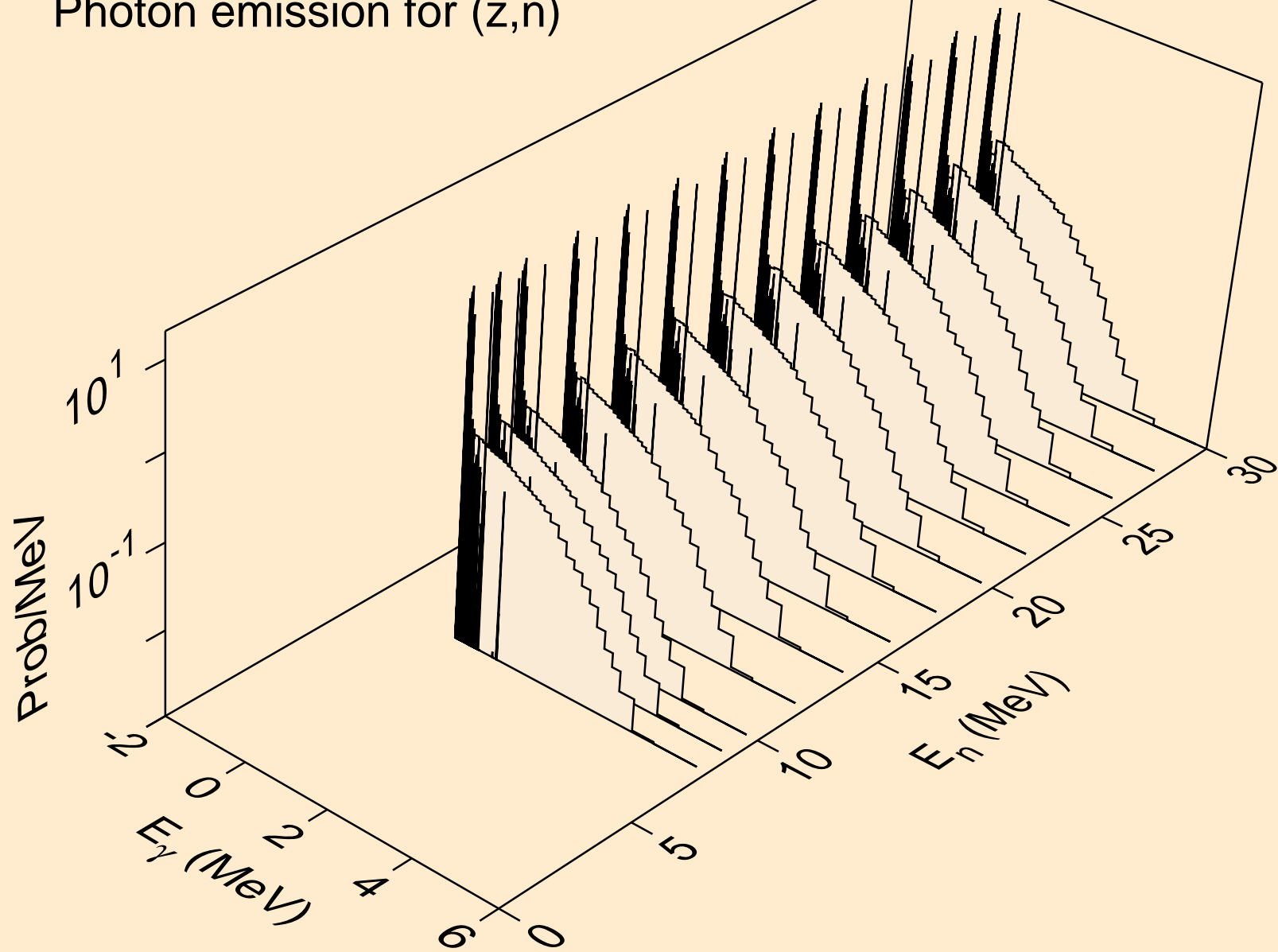
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3



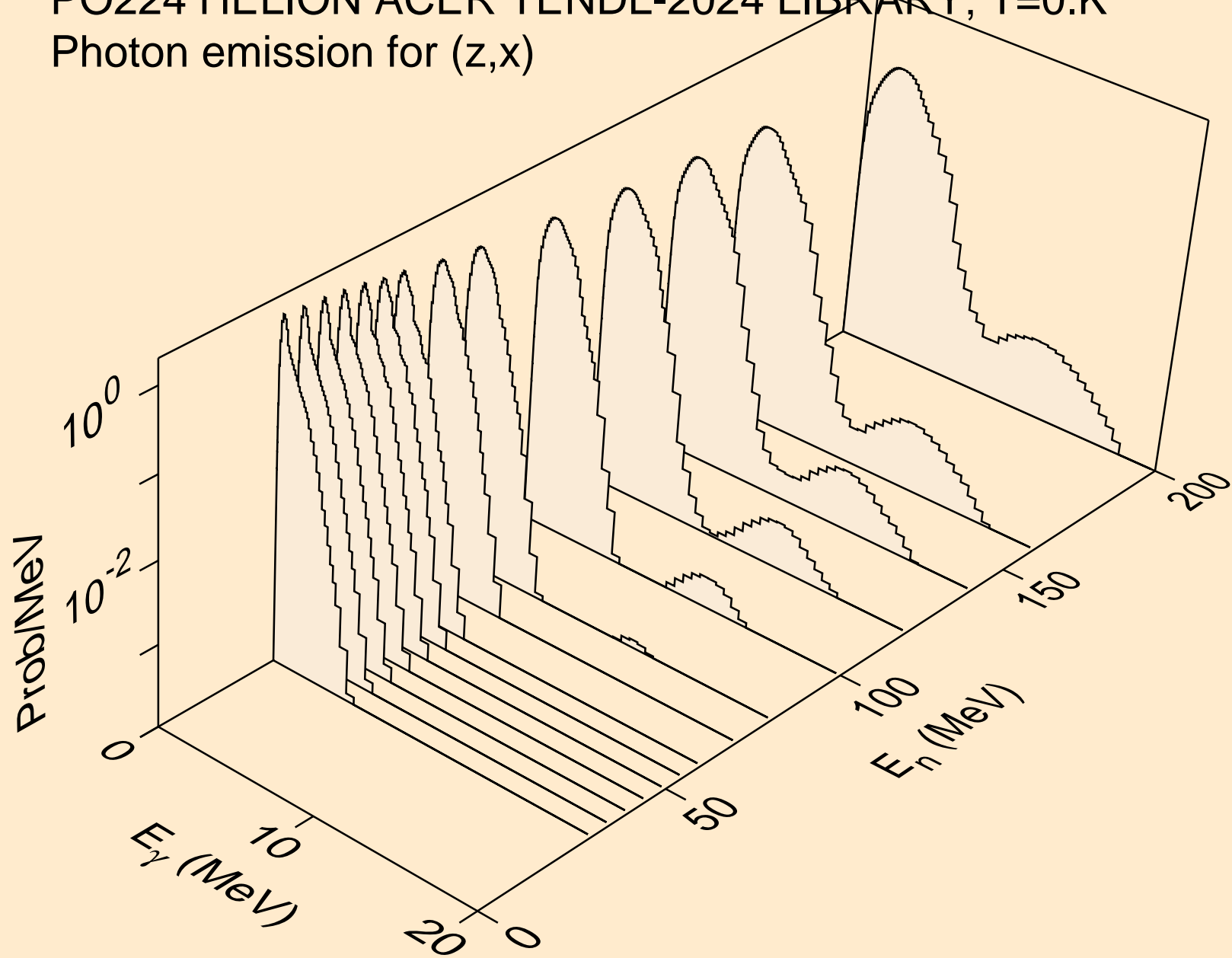
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for inelastic



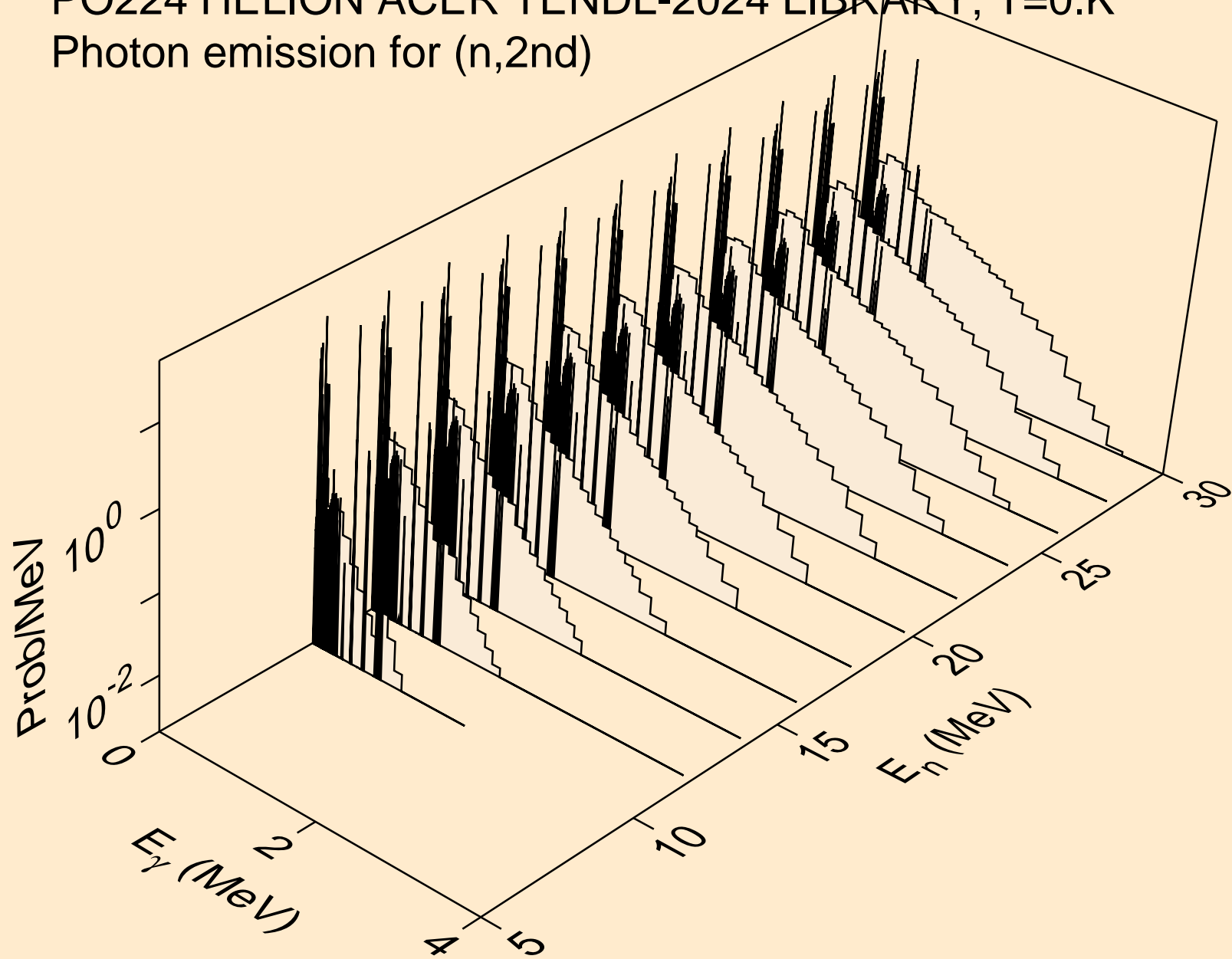
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,n)



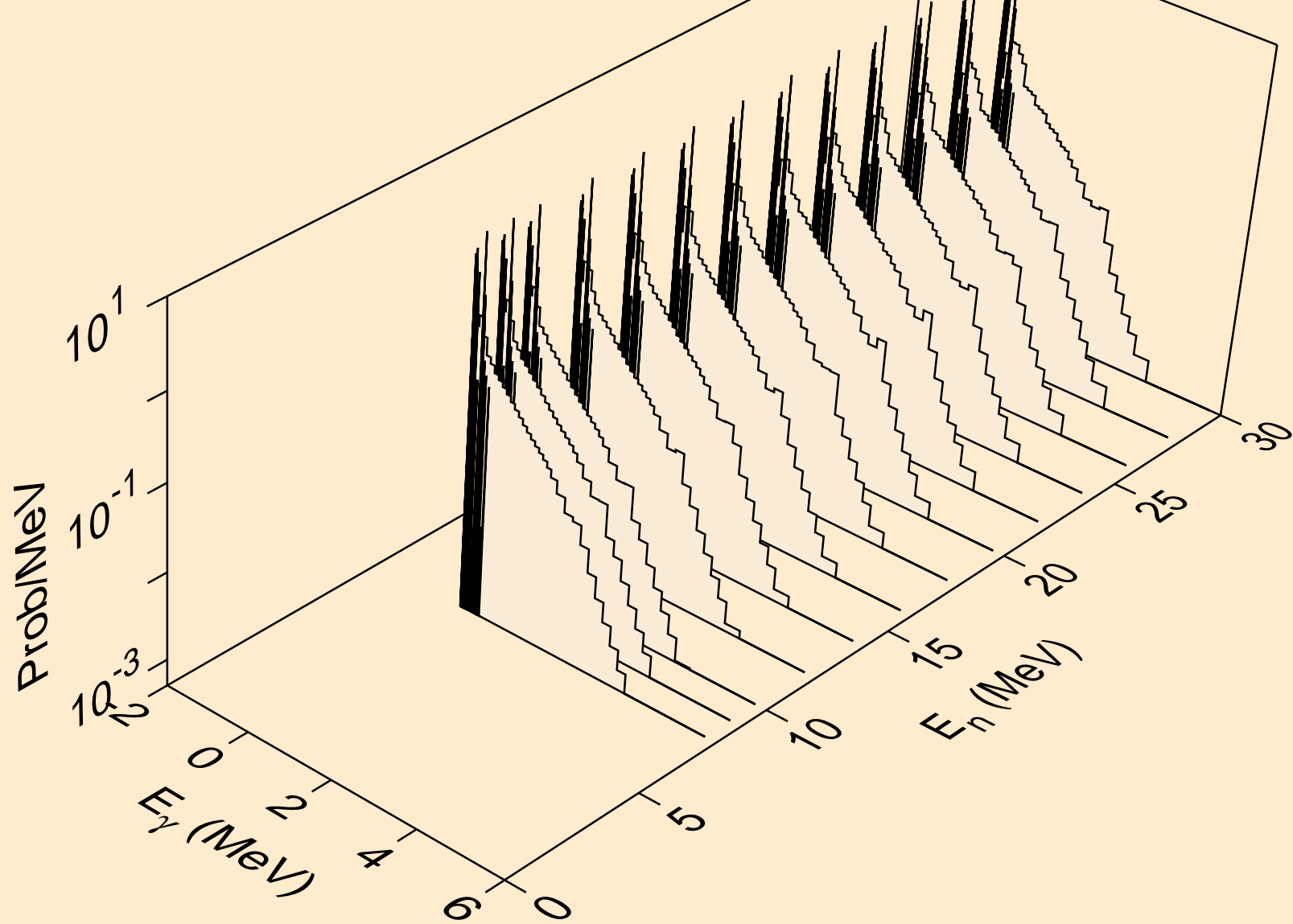
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,x)



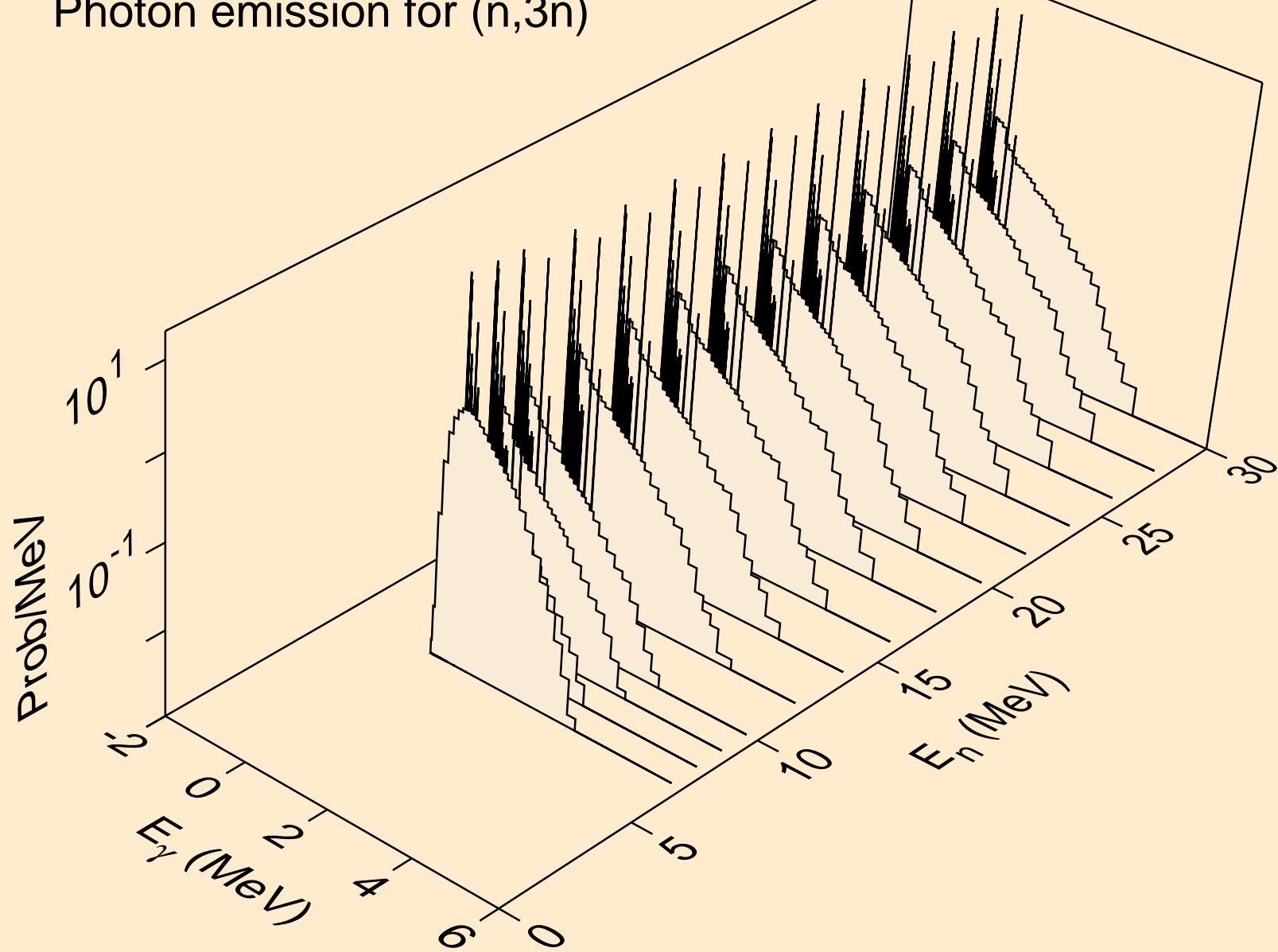
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



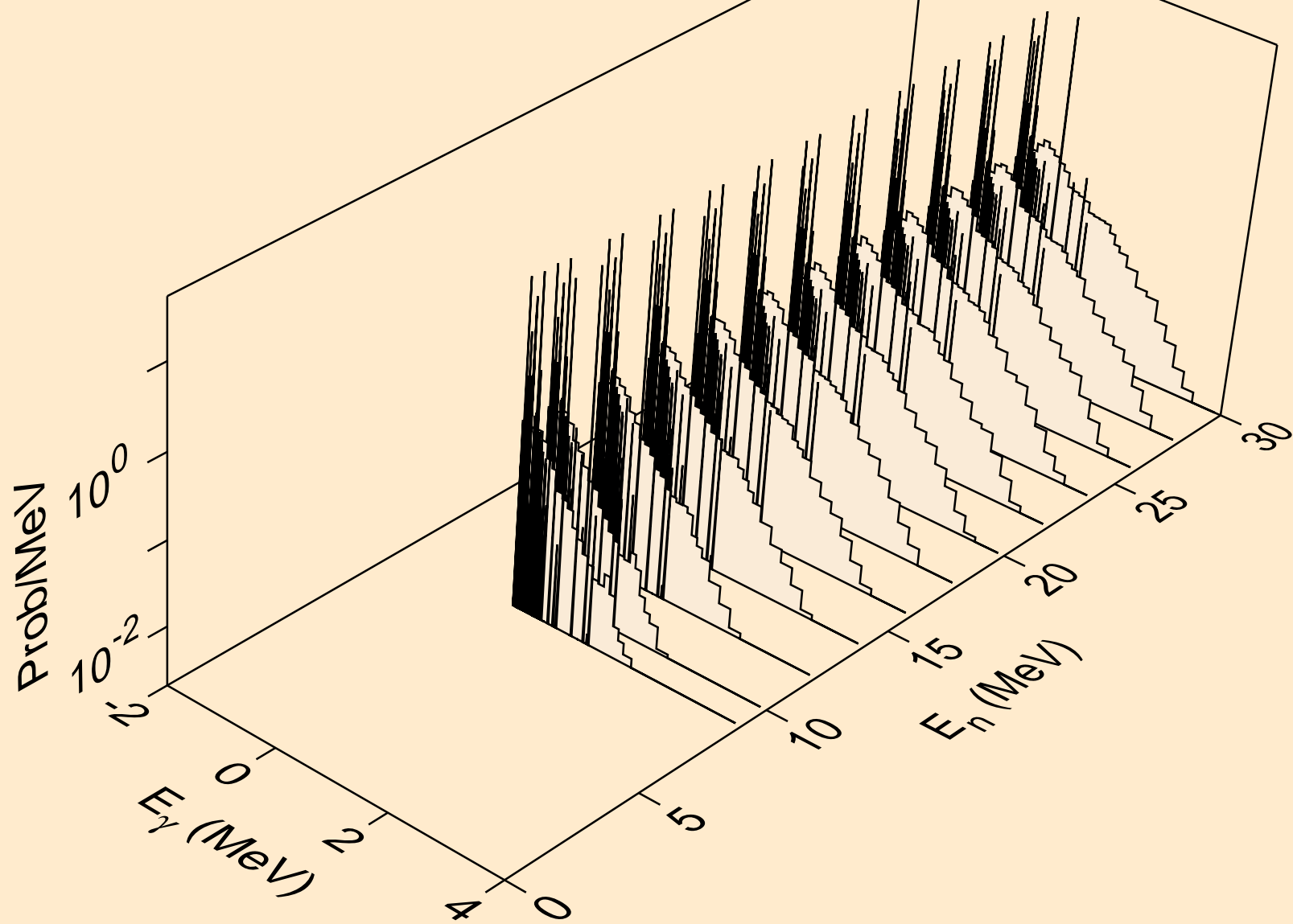
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



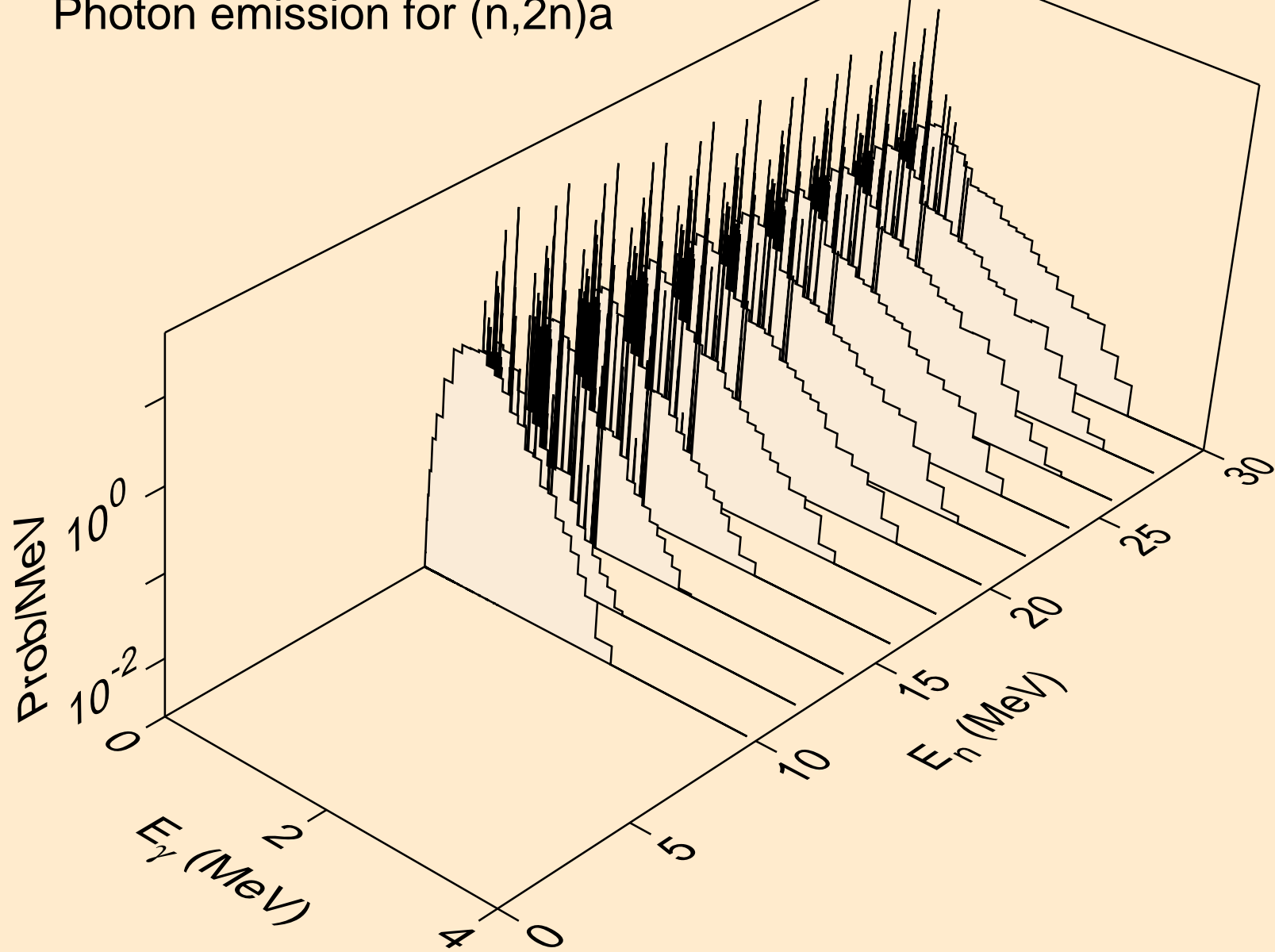
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



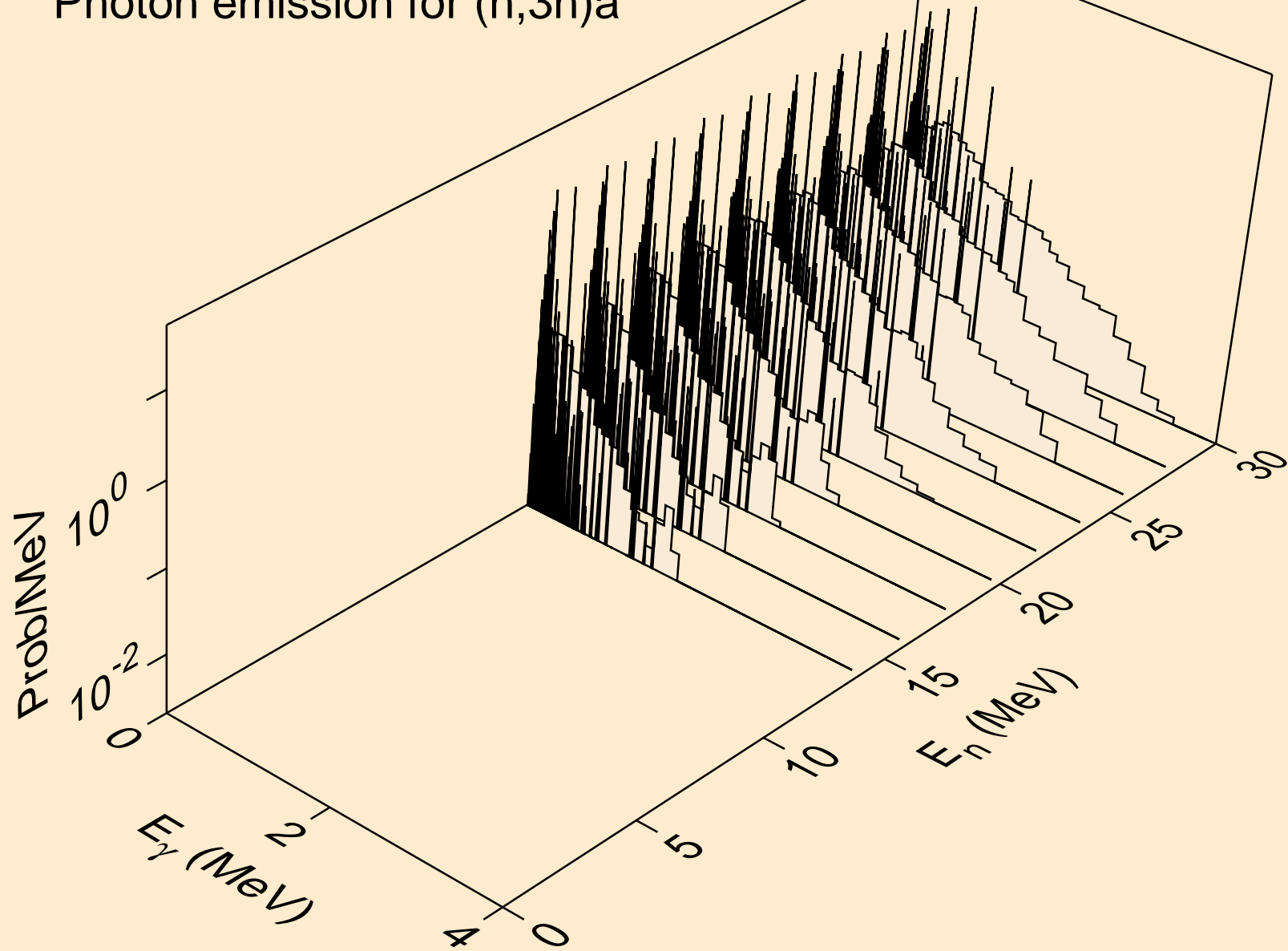
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



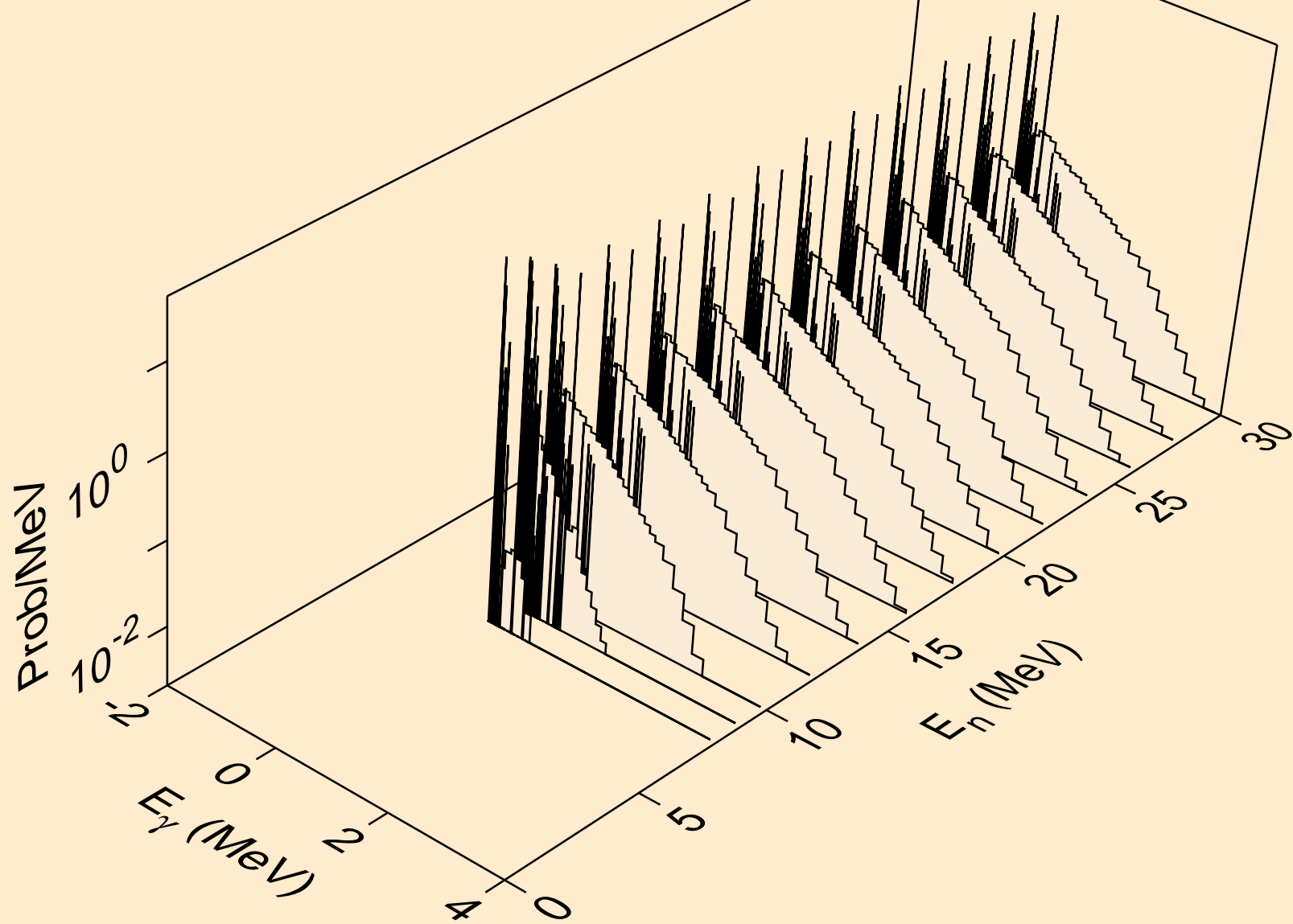
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



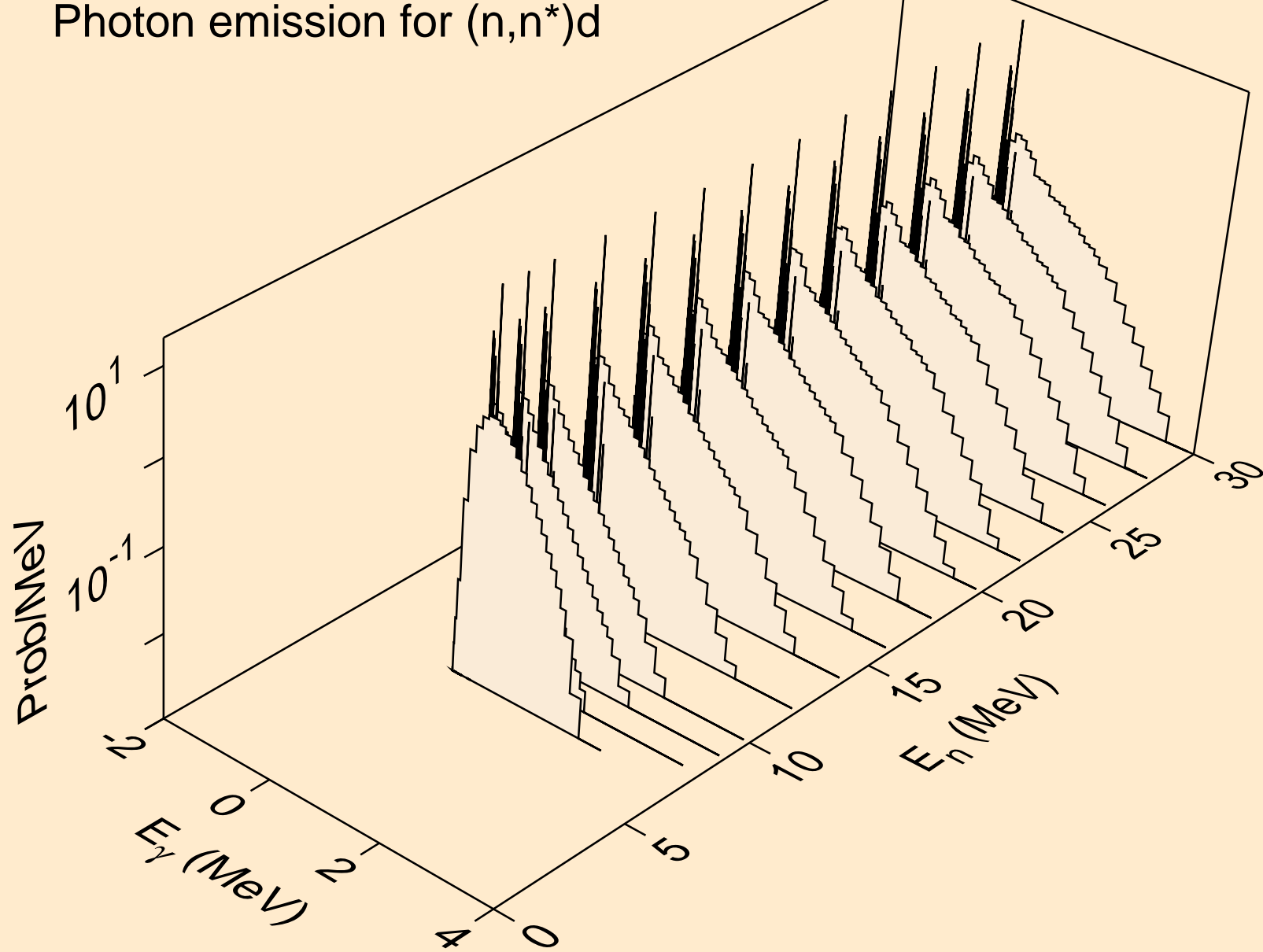
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a



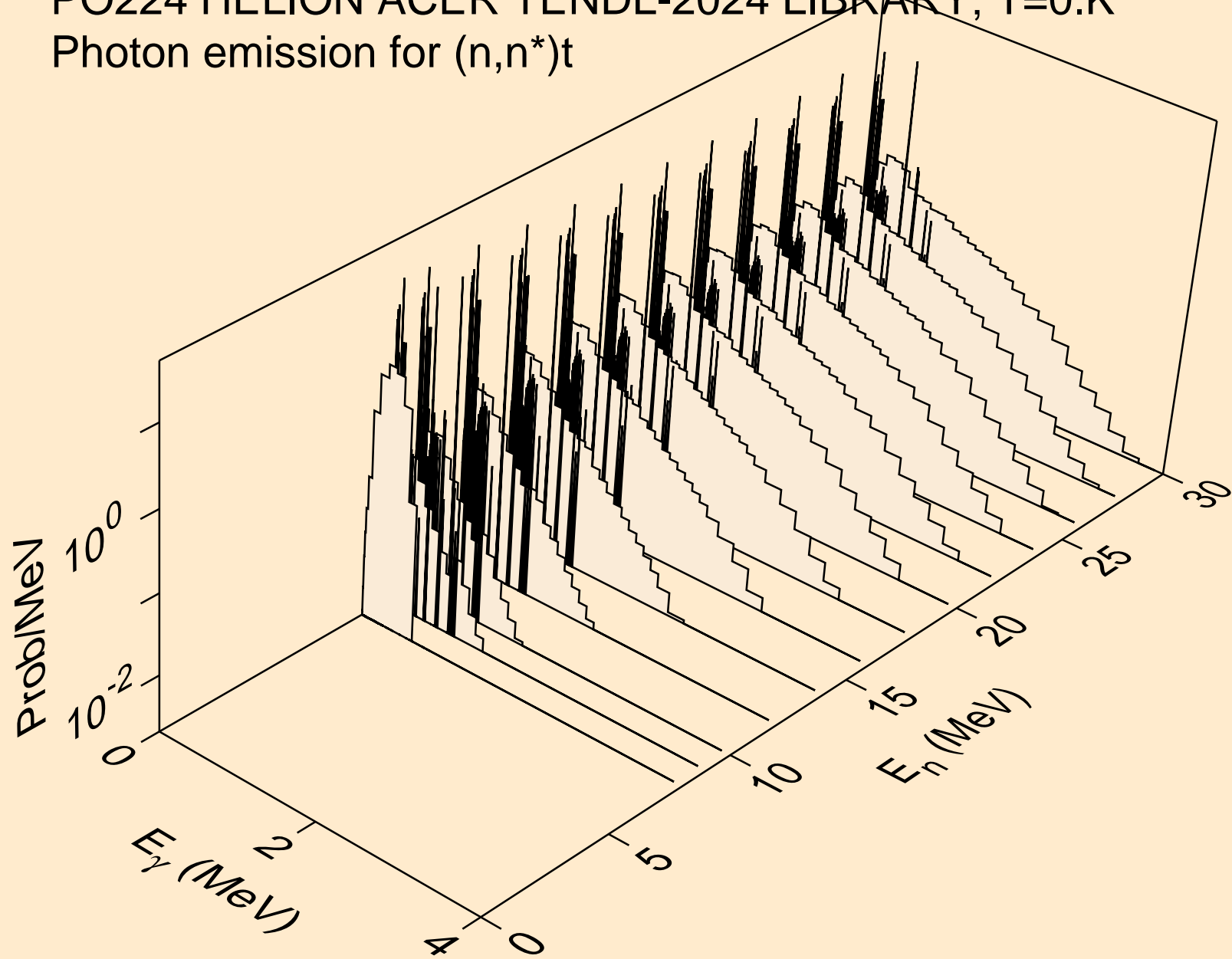
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



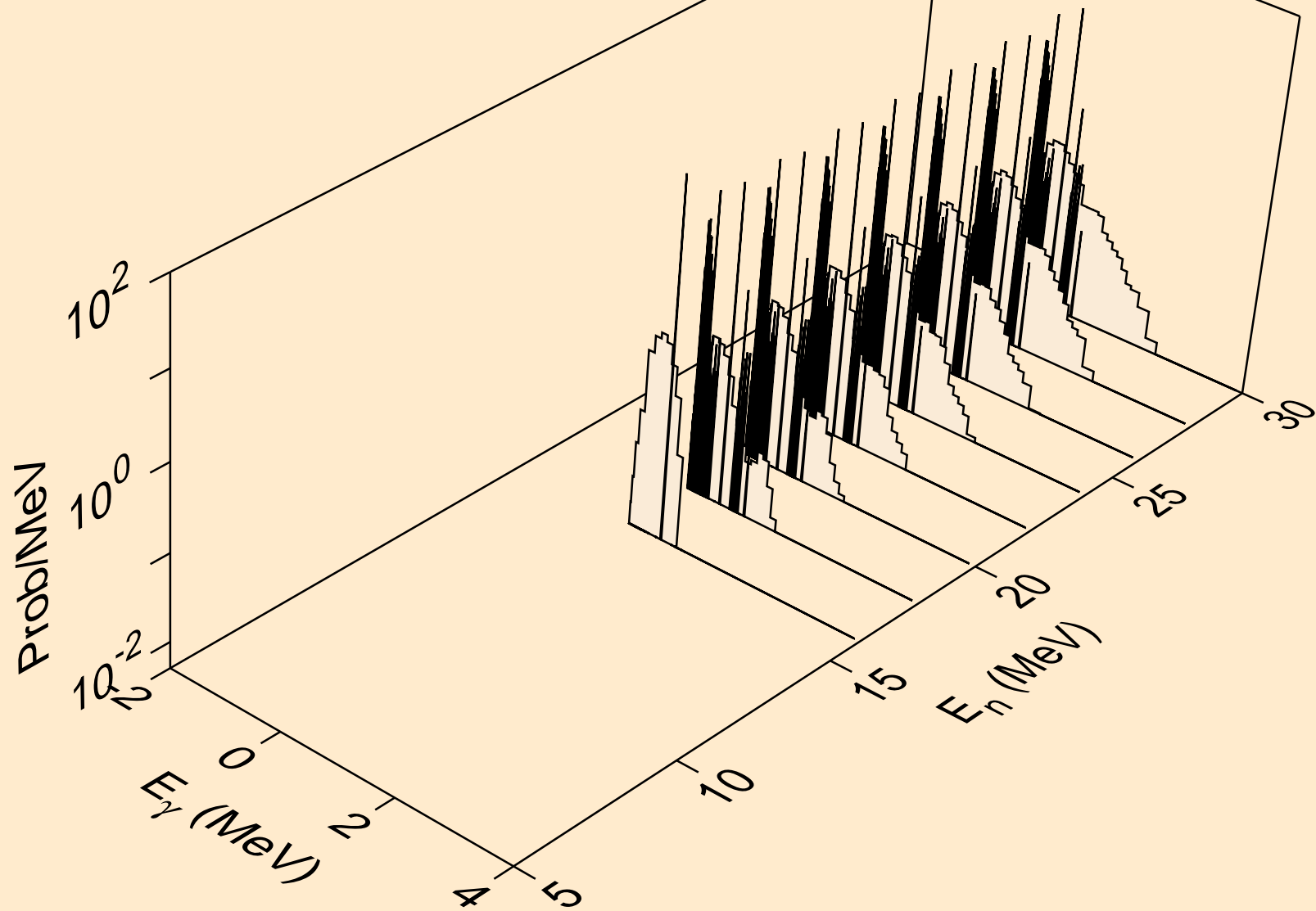
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



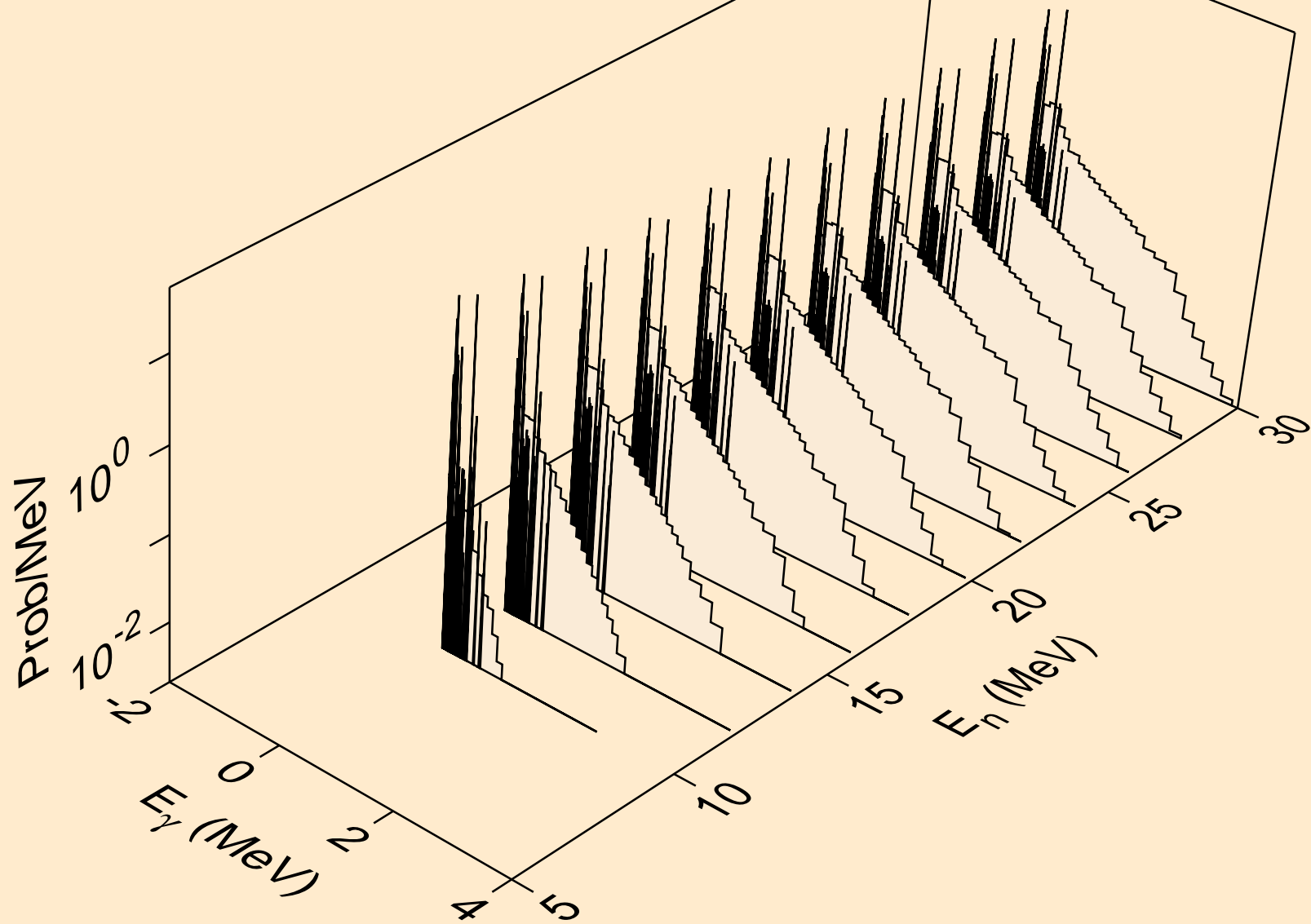
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



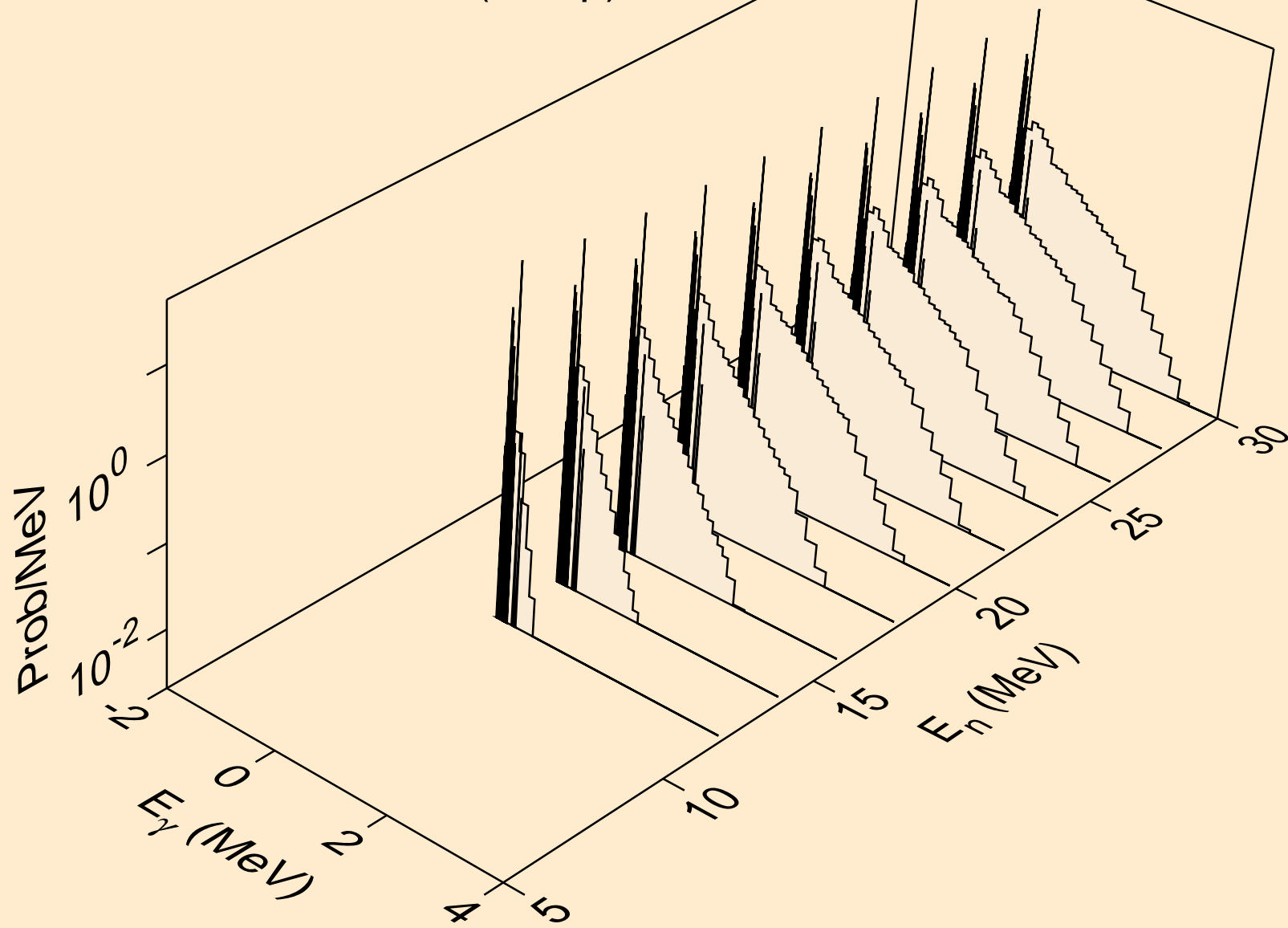
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



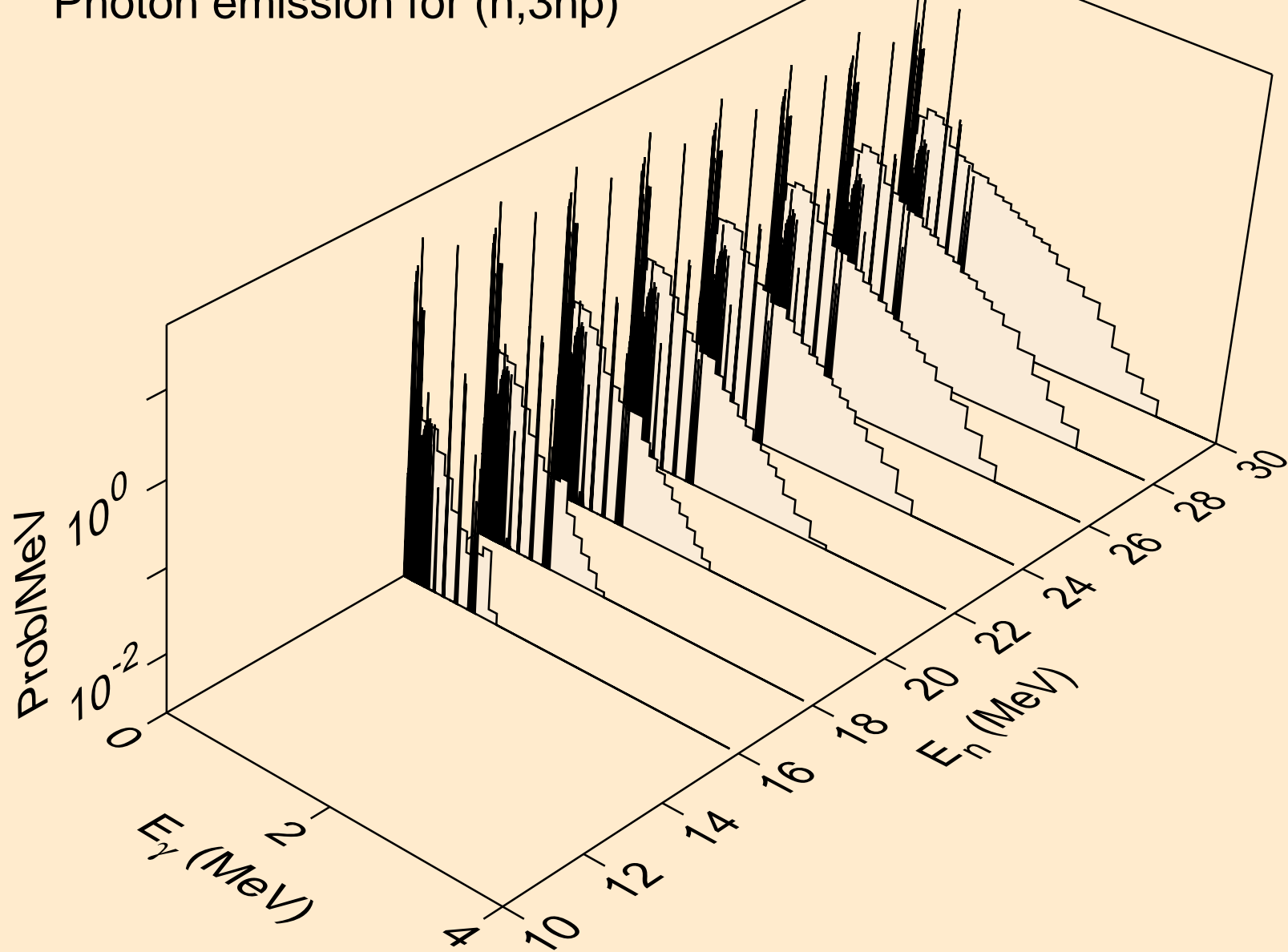
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



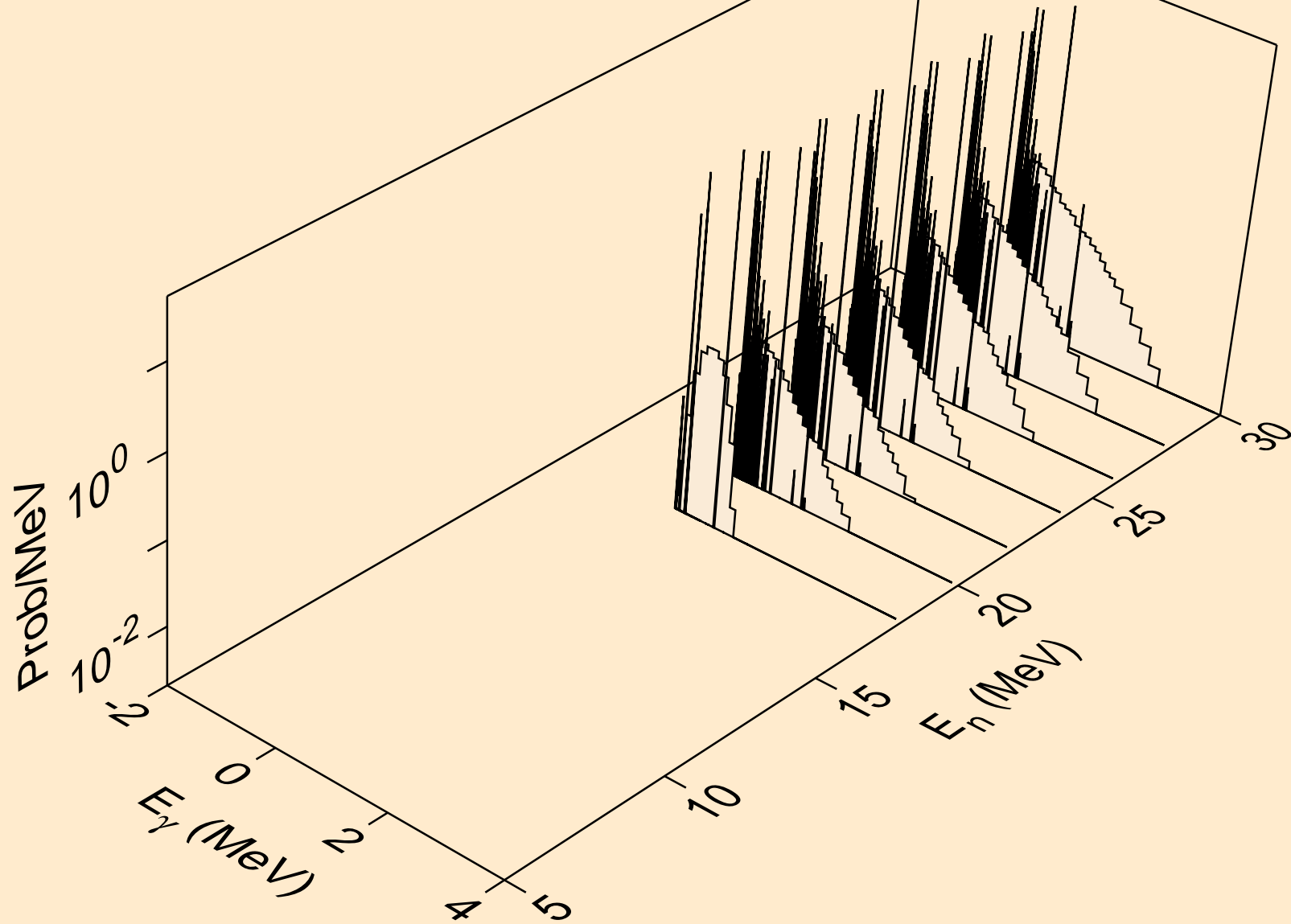
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



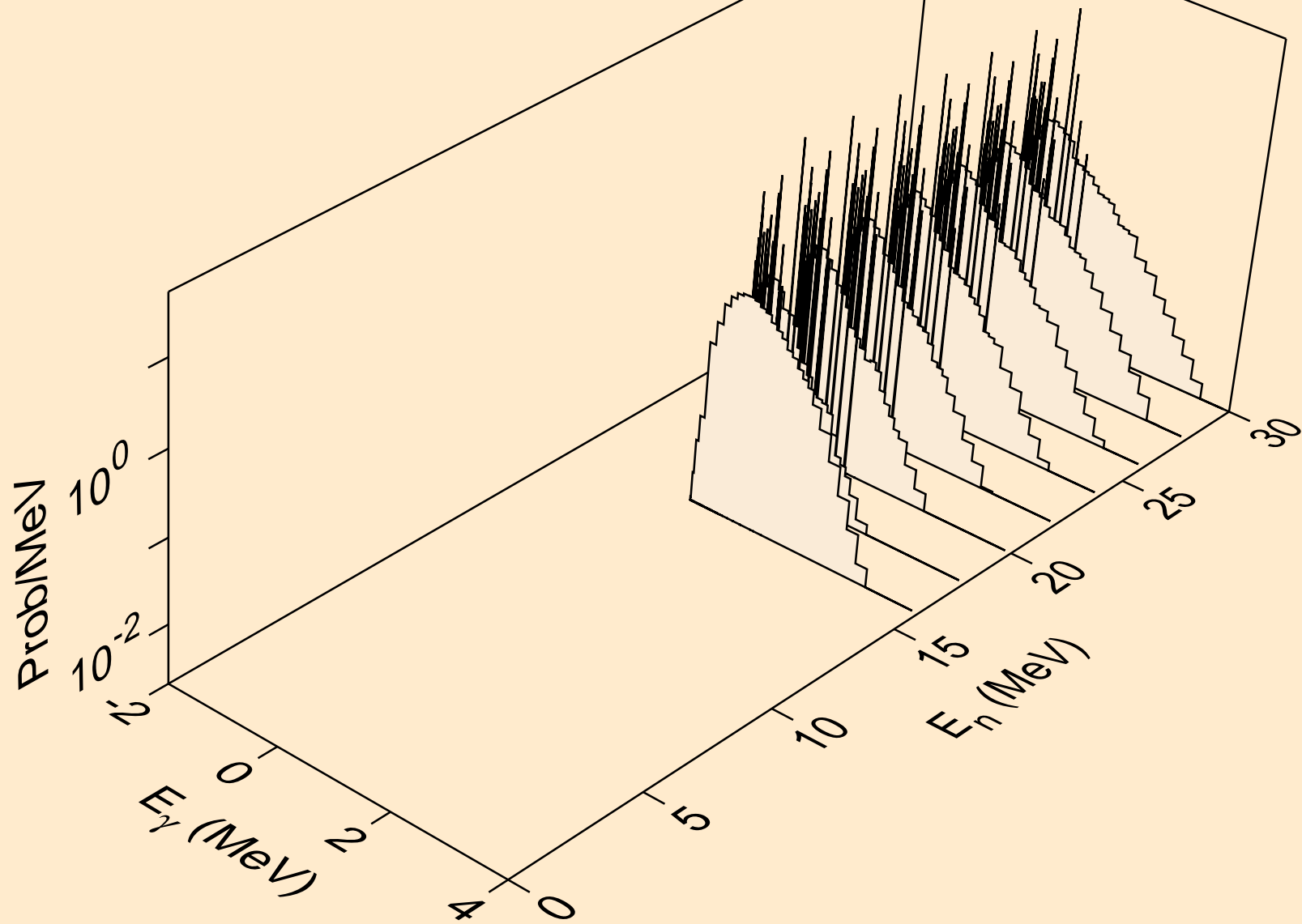
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



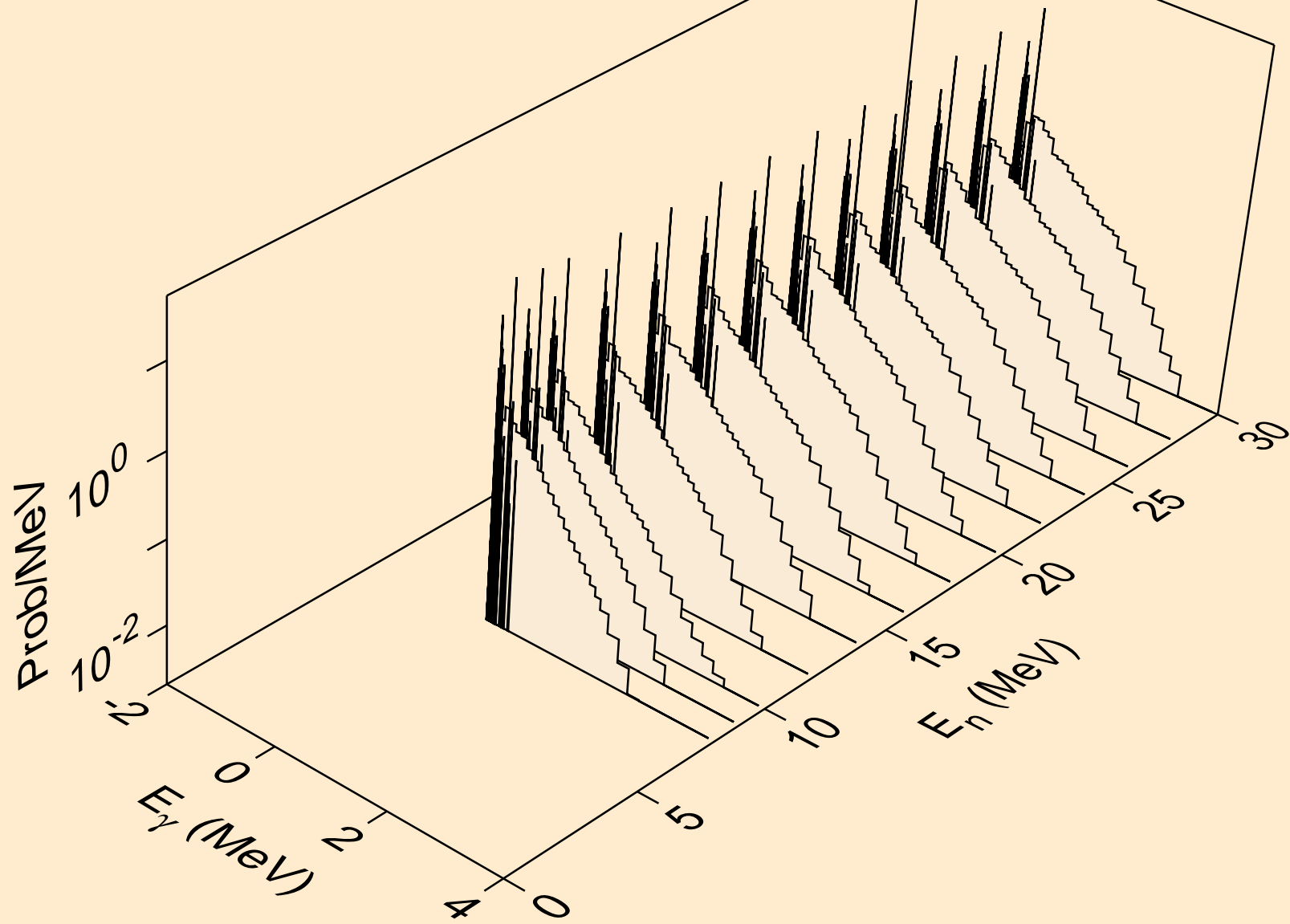
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



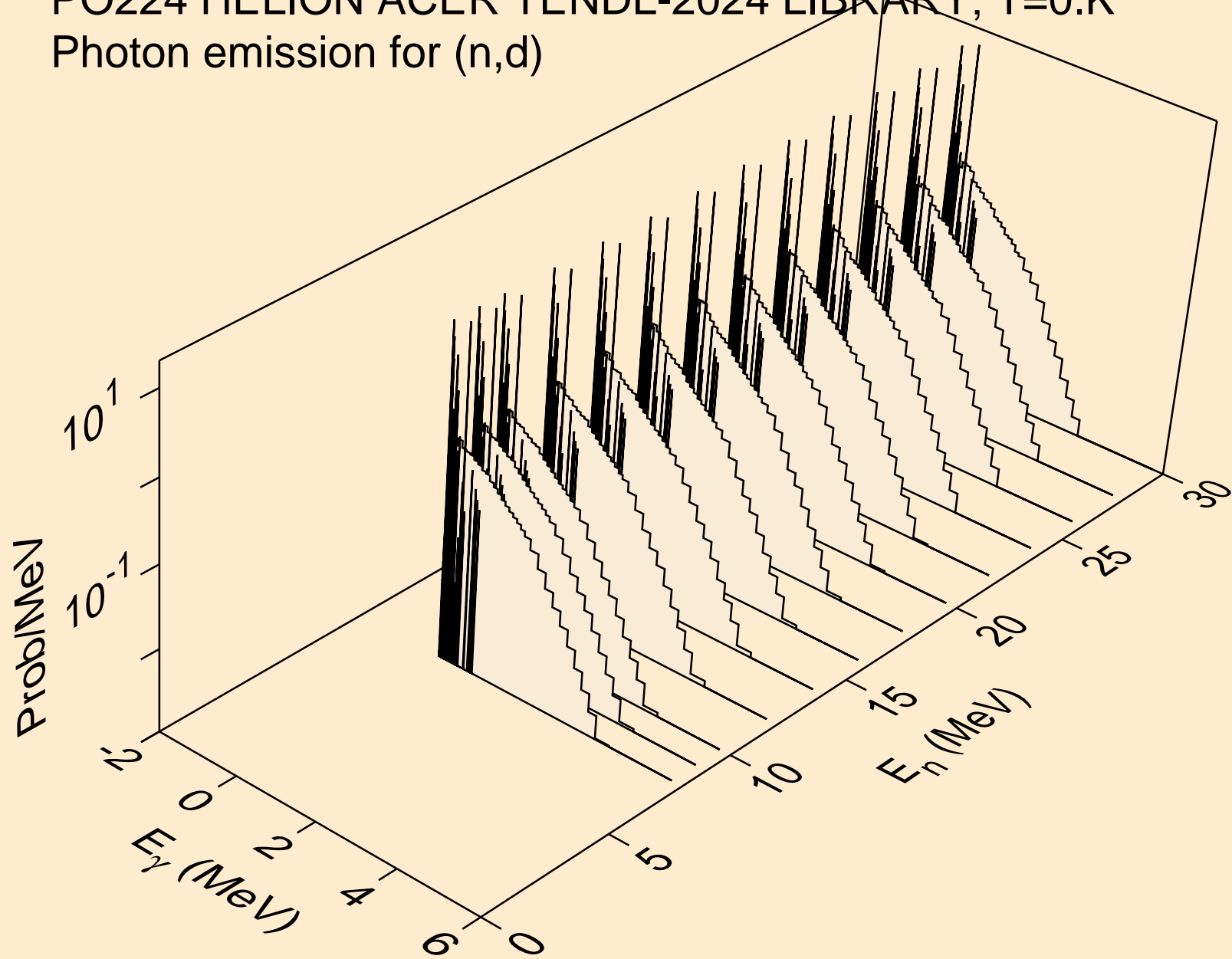
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



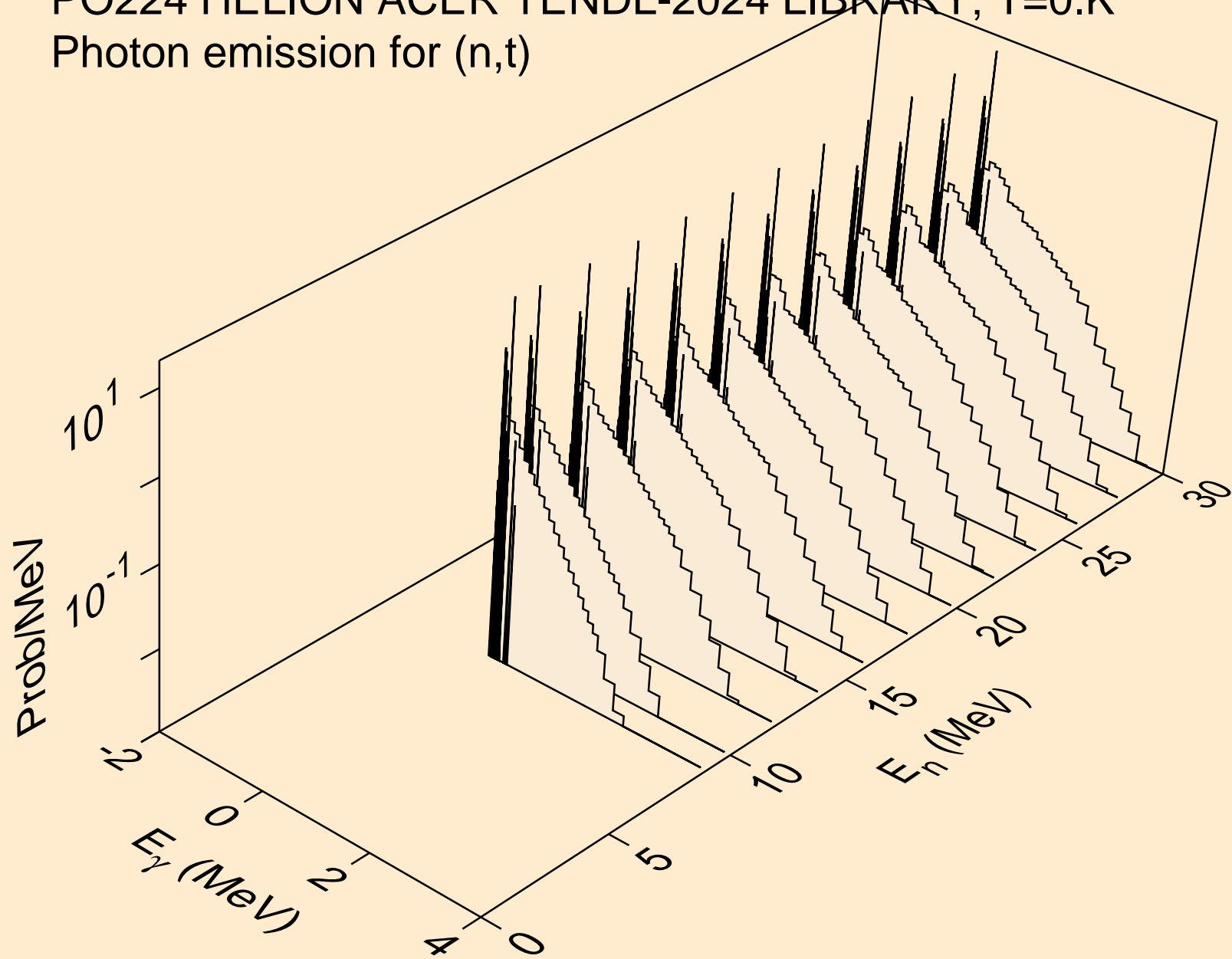
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



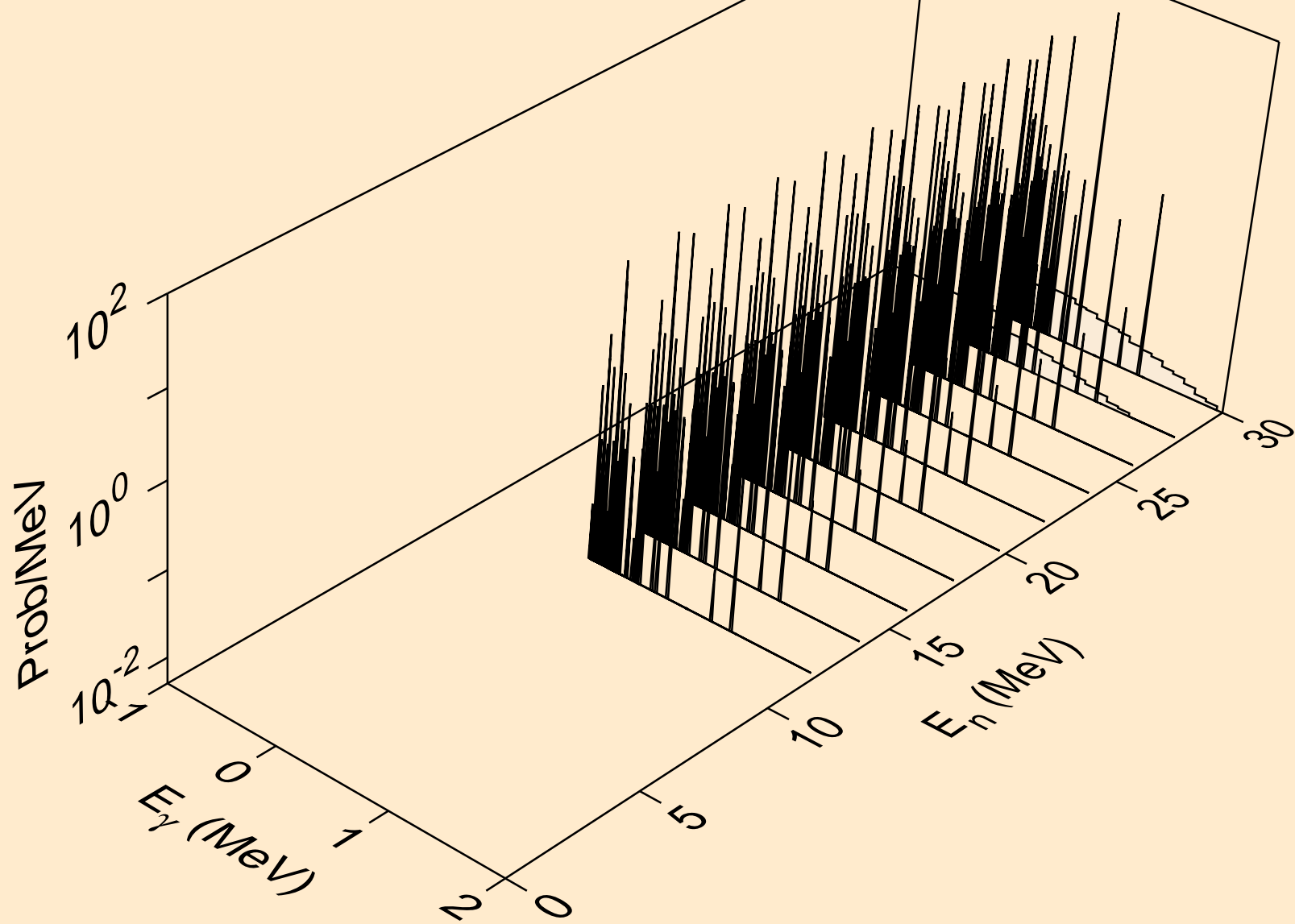
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



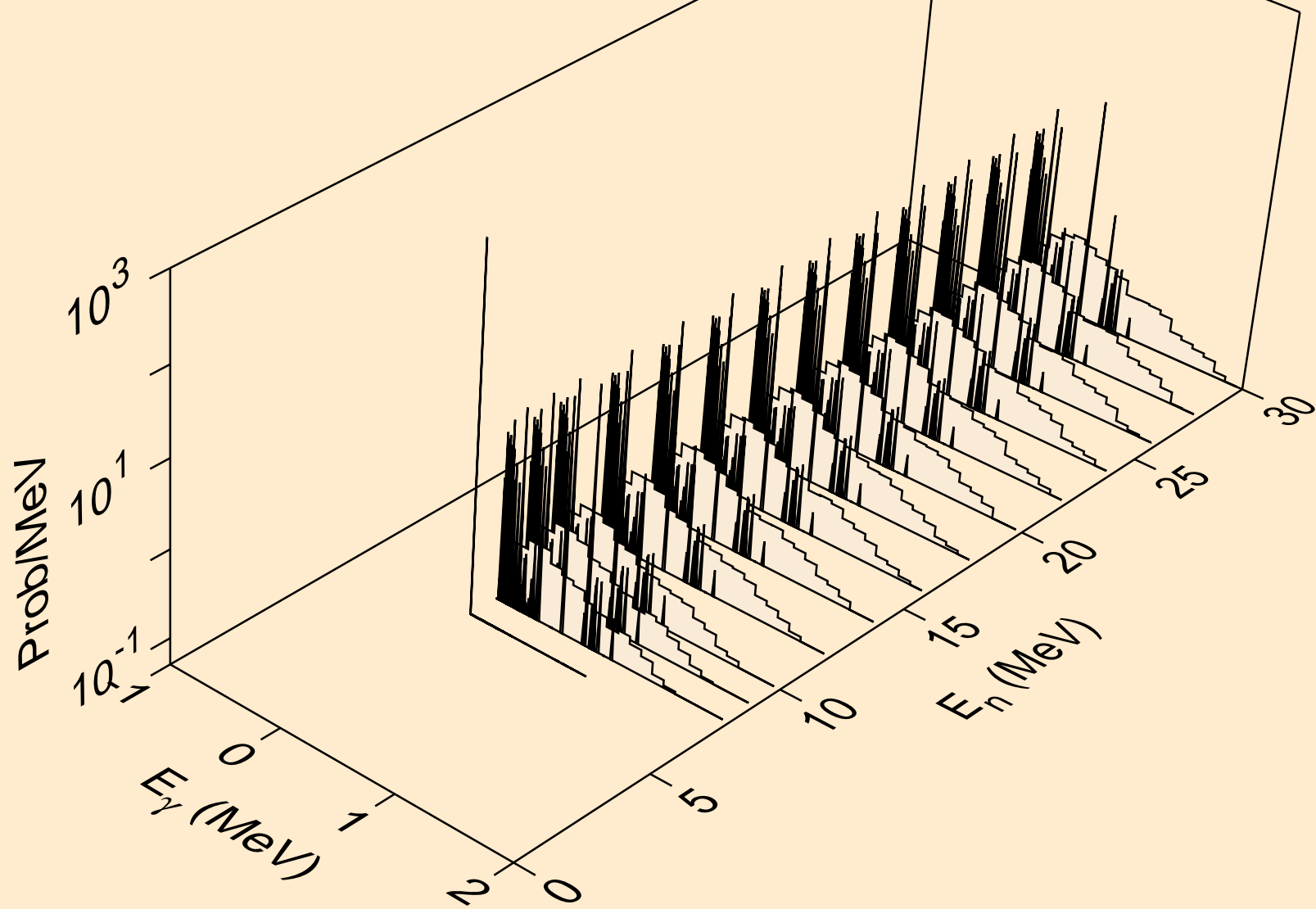
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



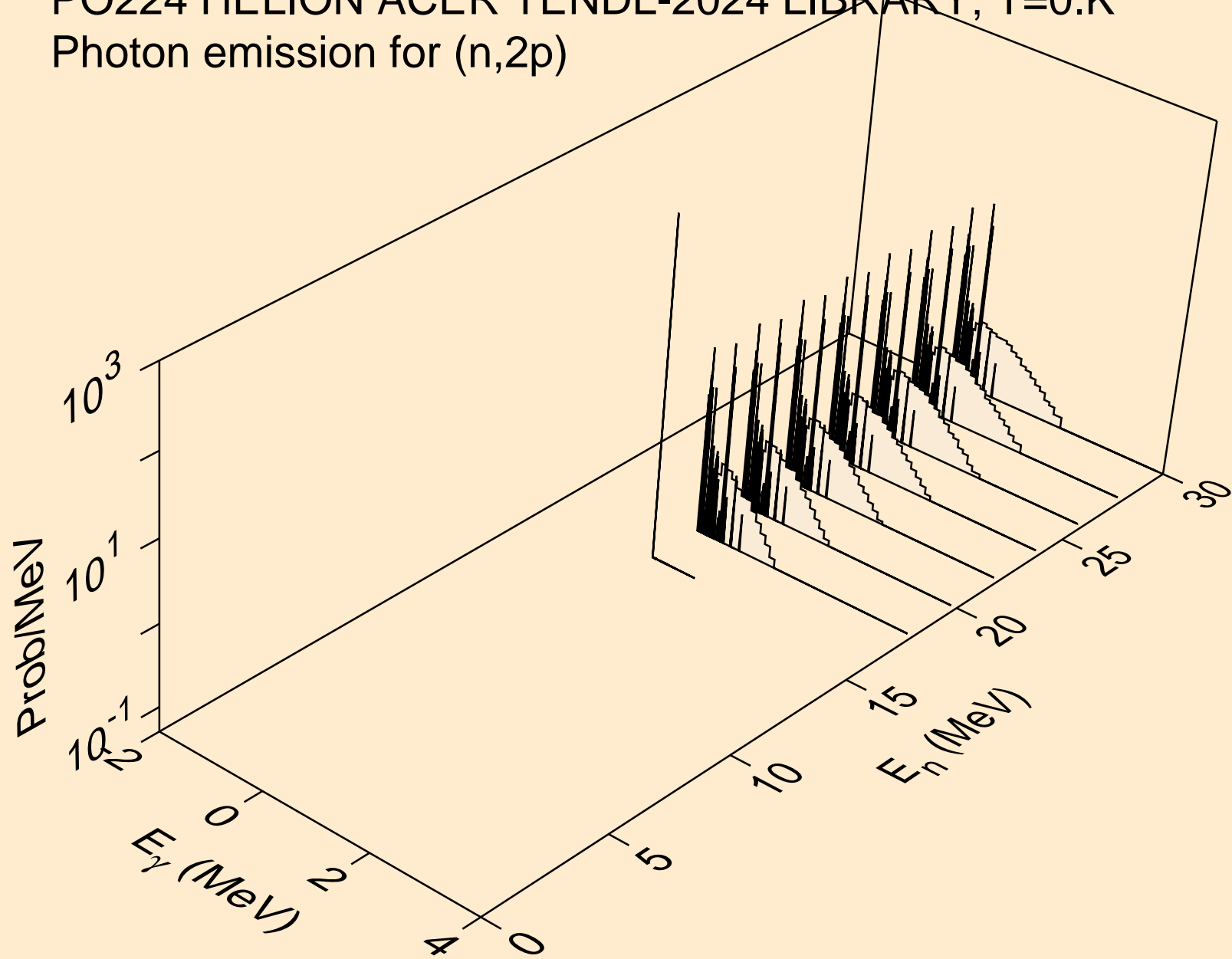
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic



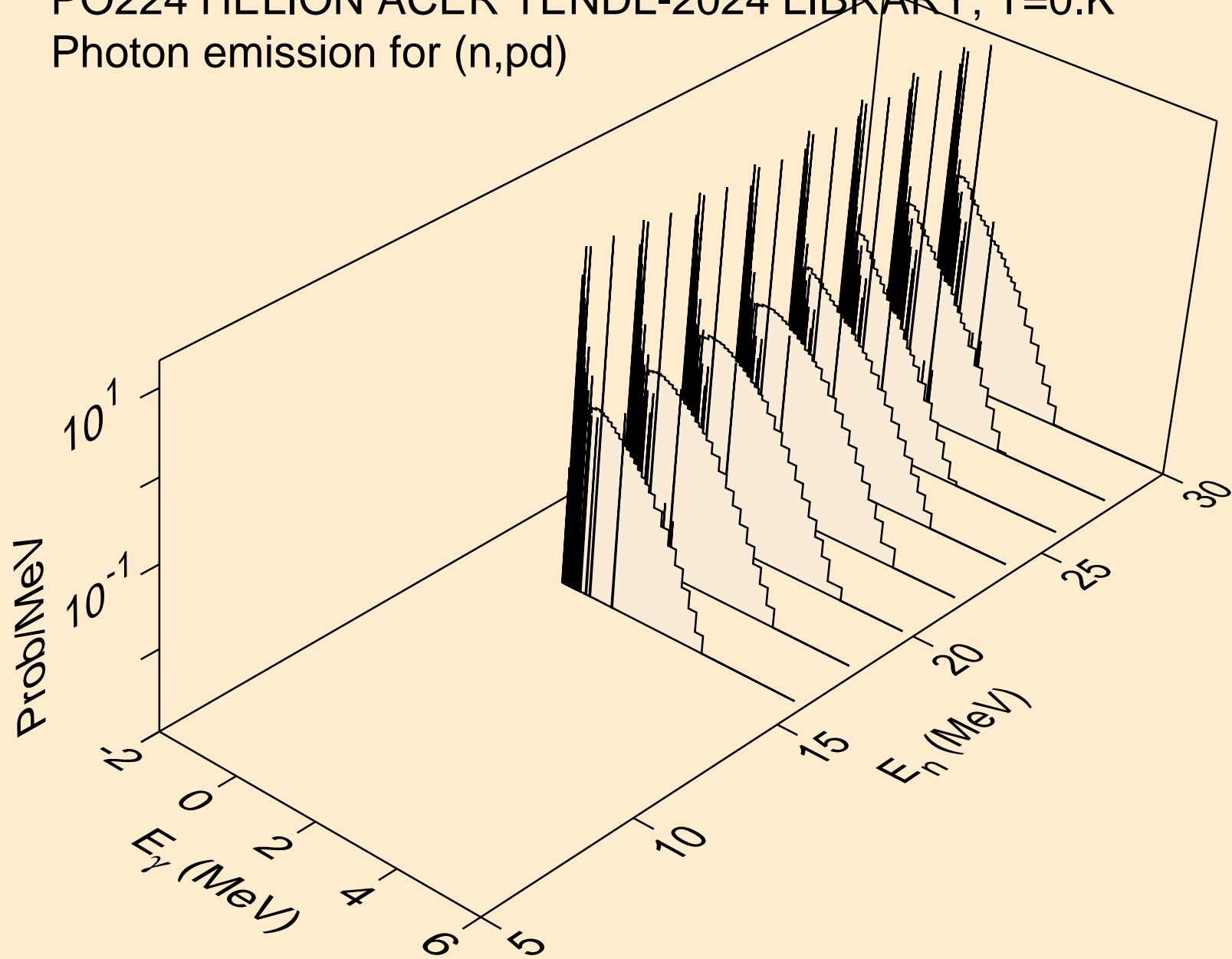
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



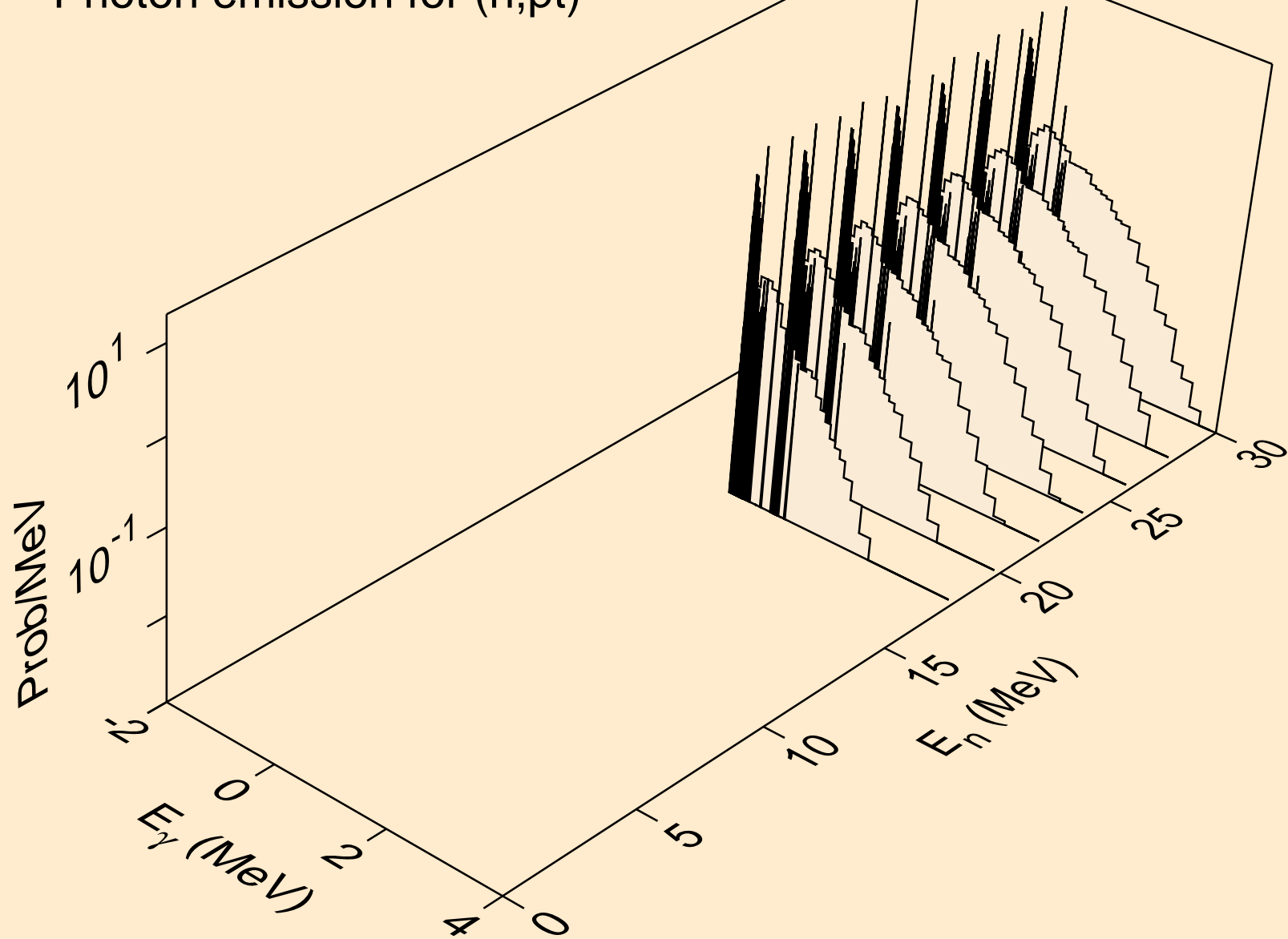
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)

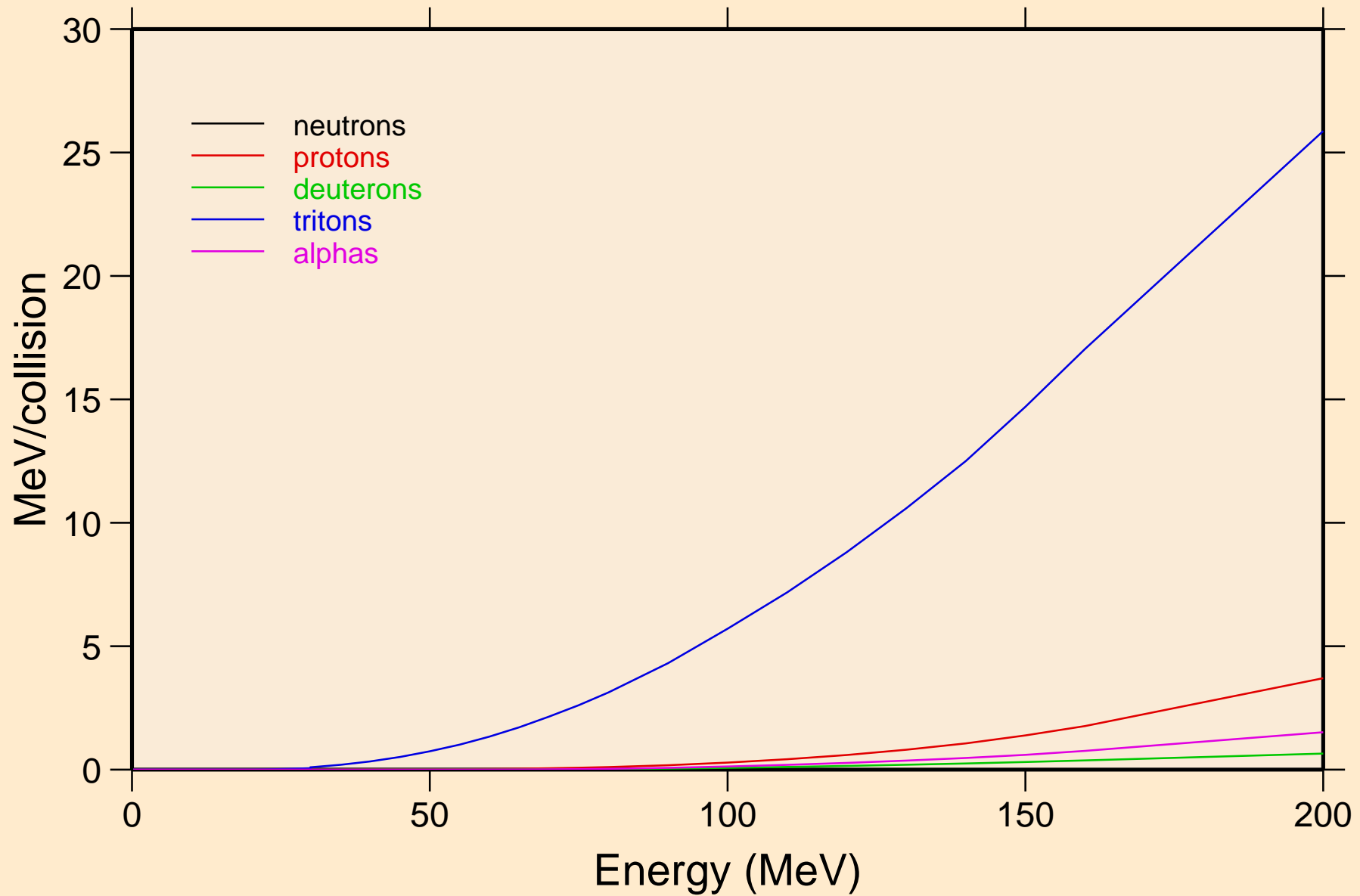


PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)

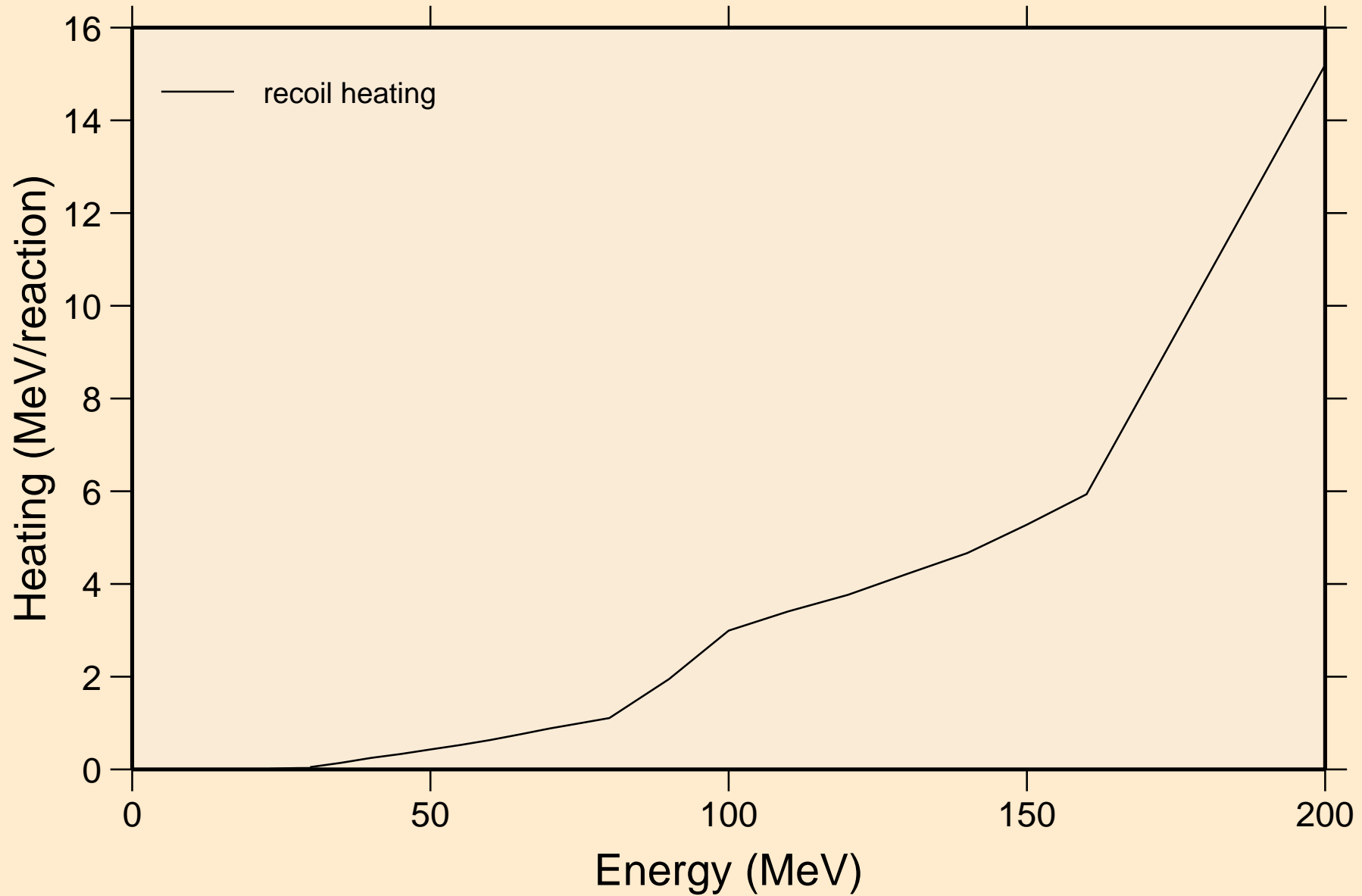


# PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K

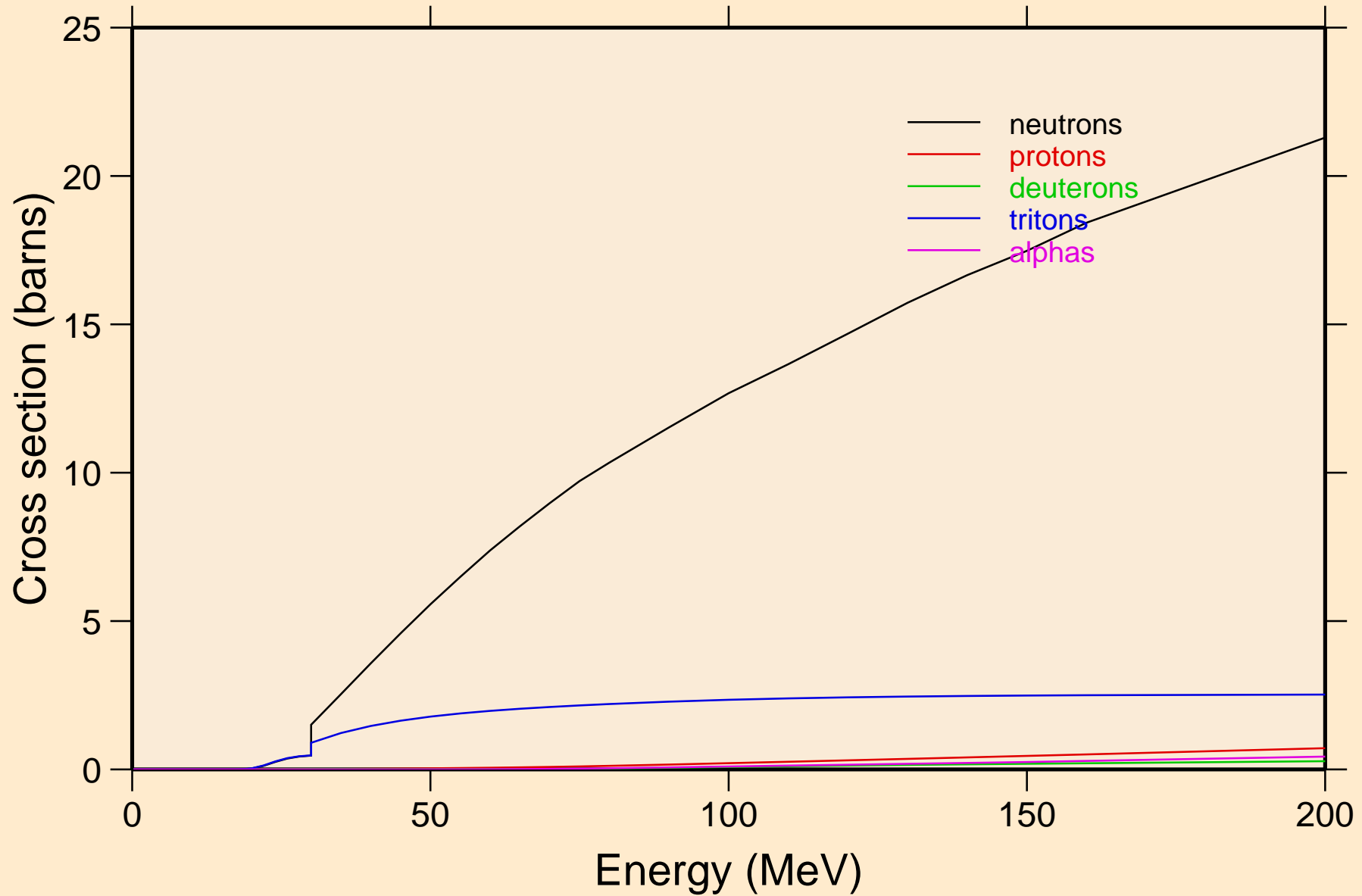
## Particle heating contributions



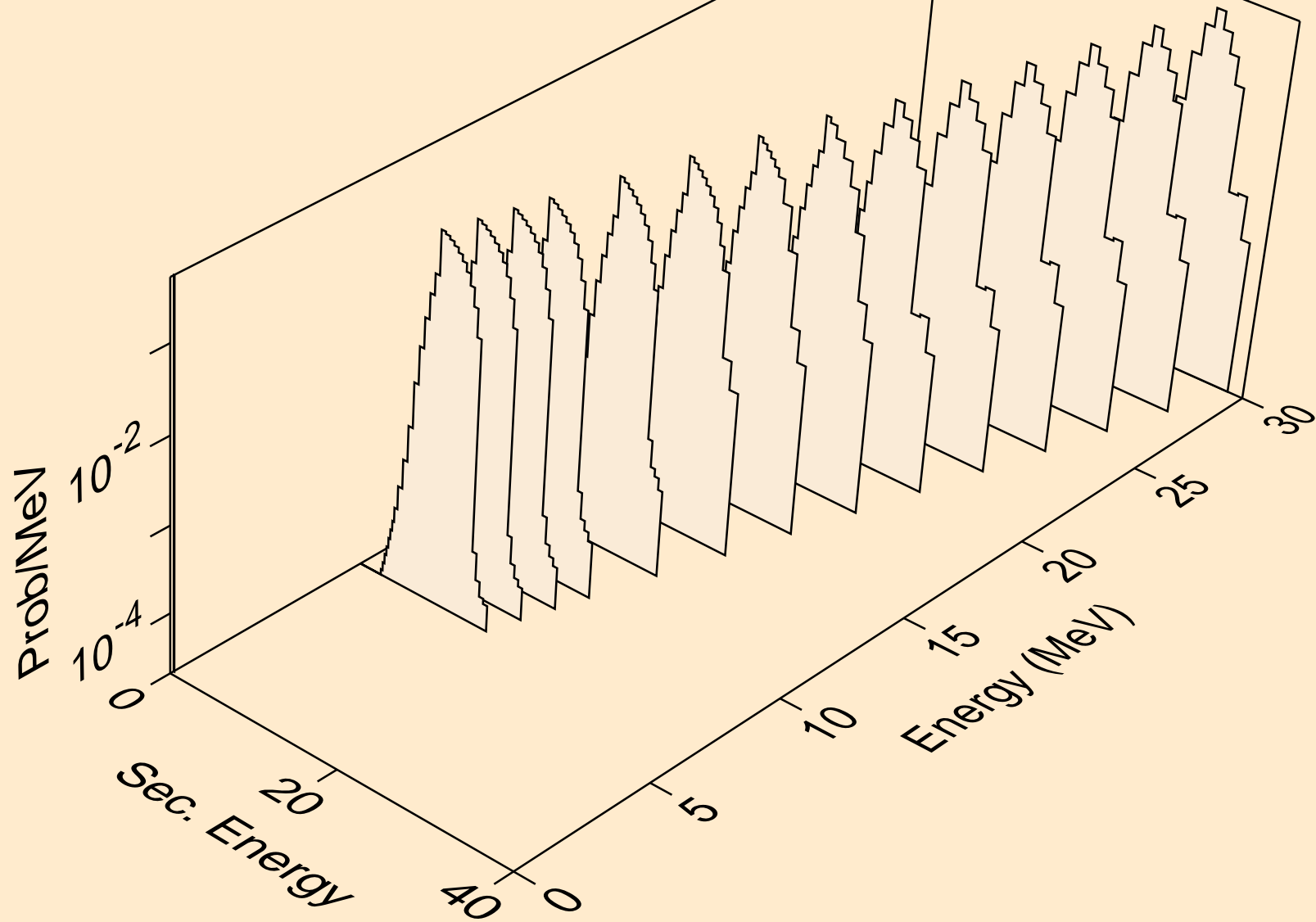
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating



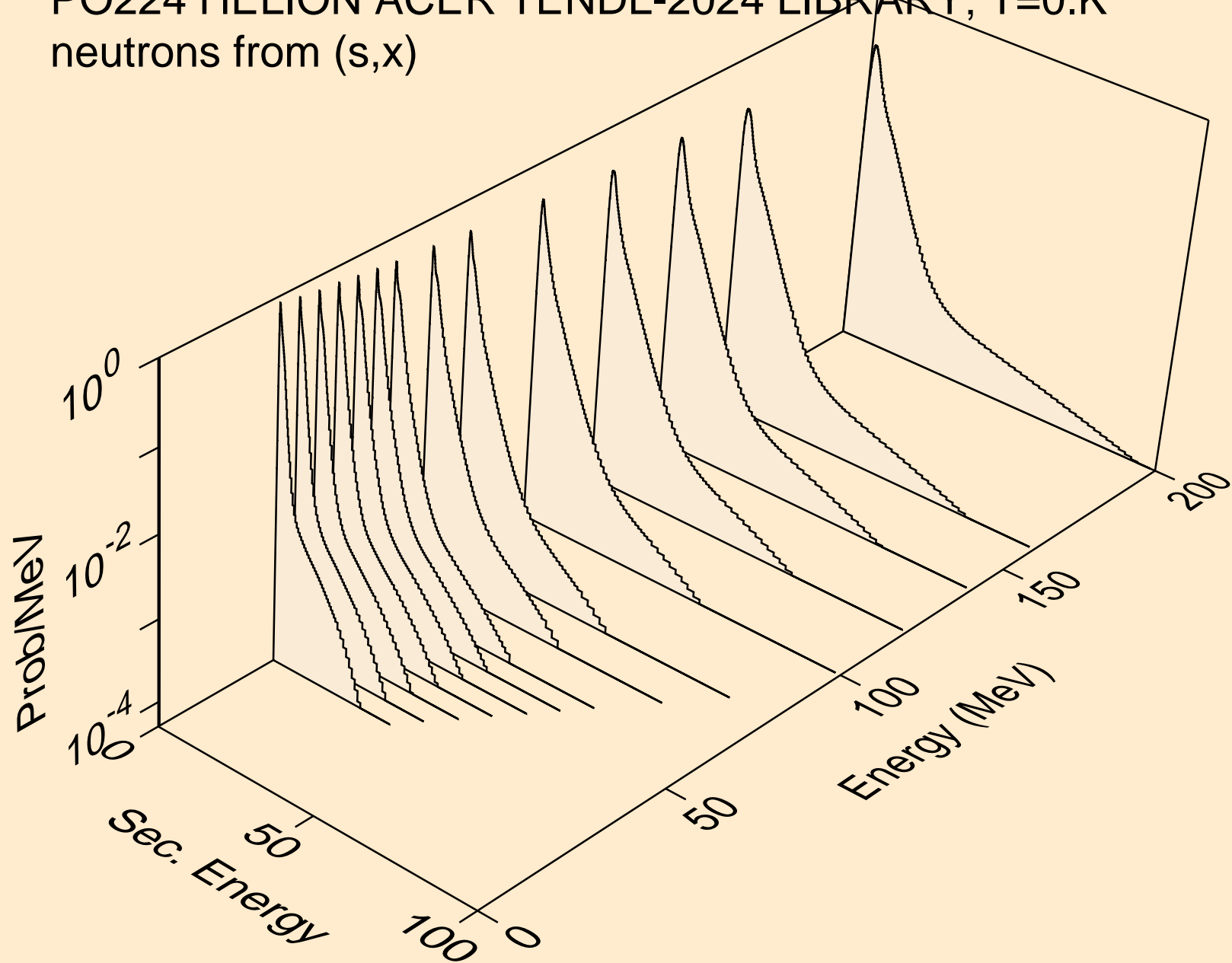
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



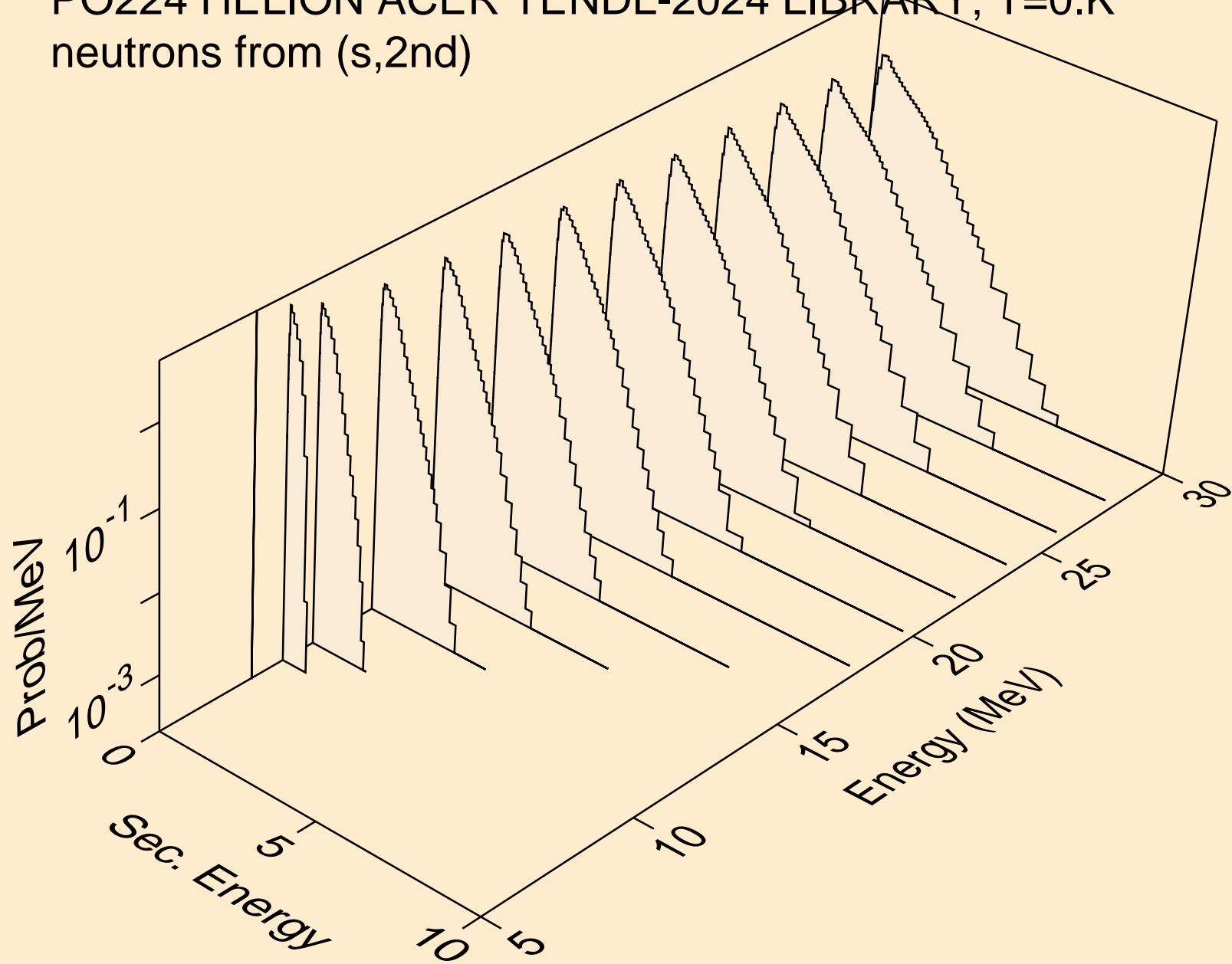
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n)



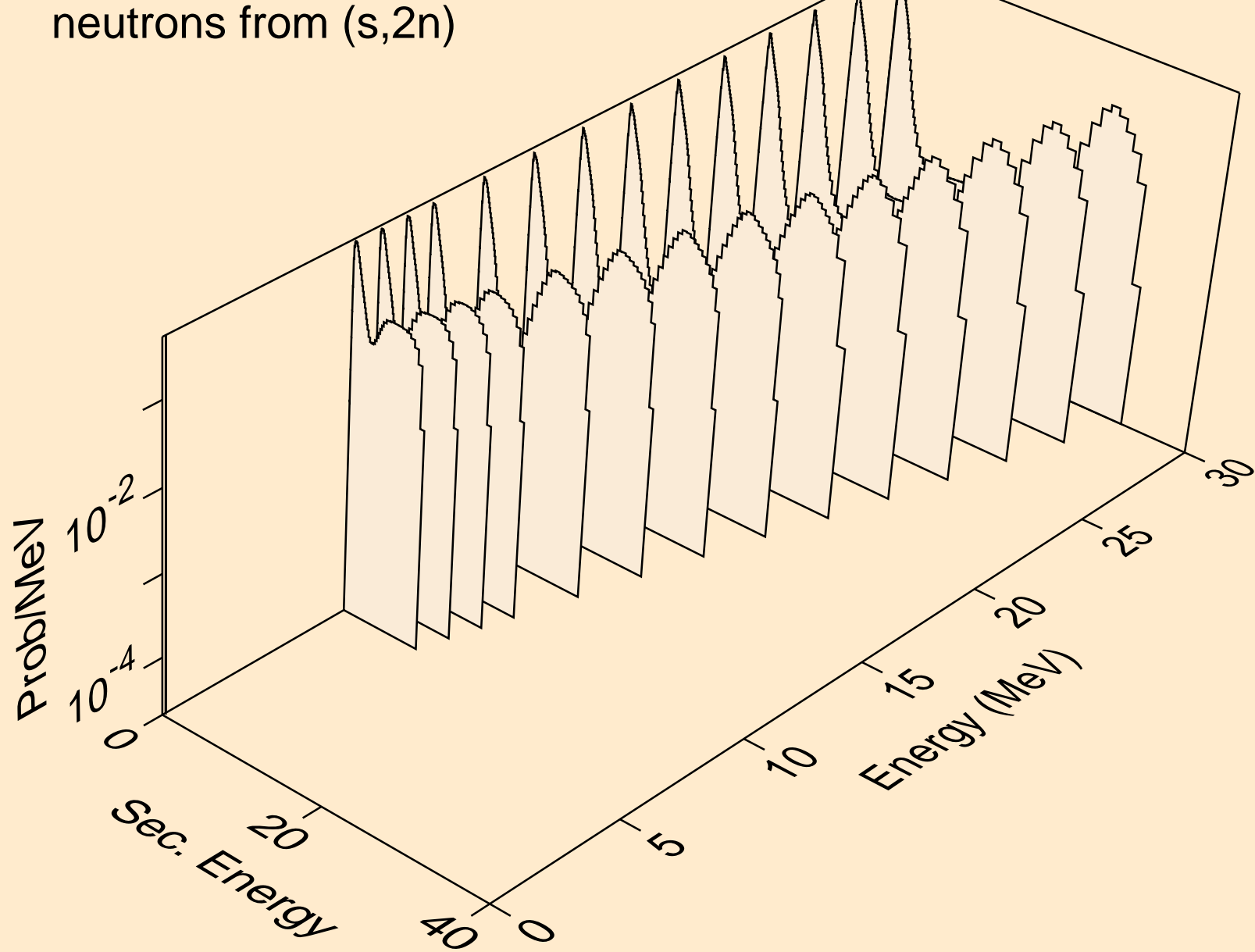
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,x)



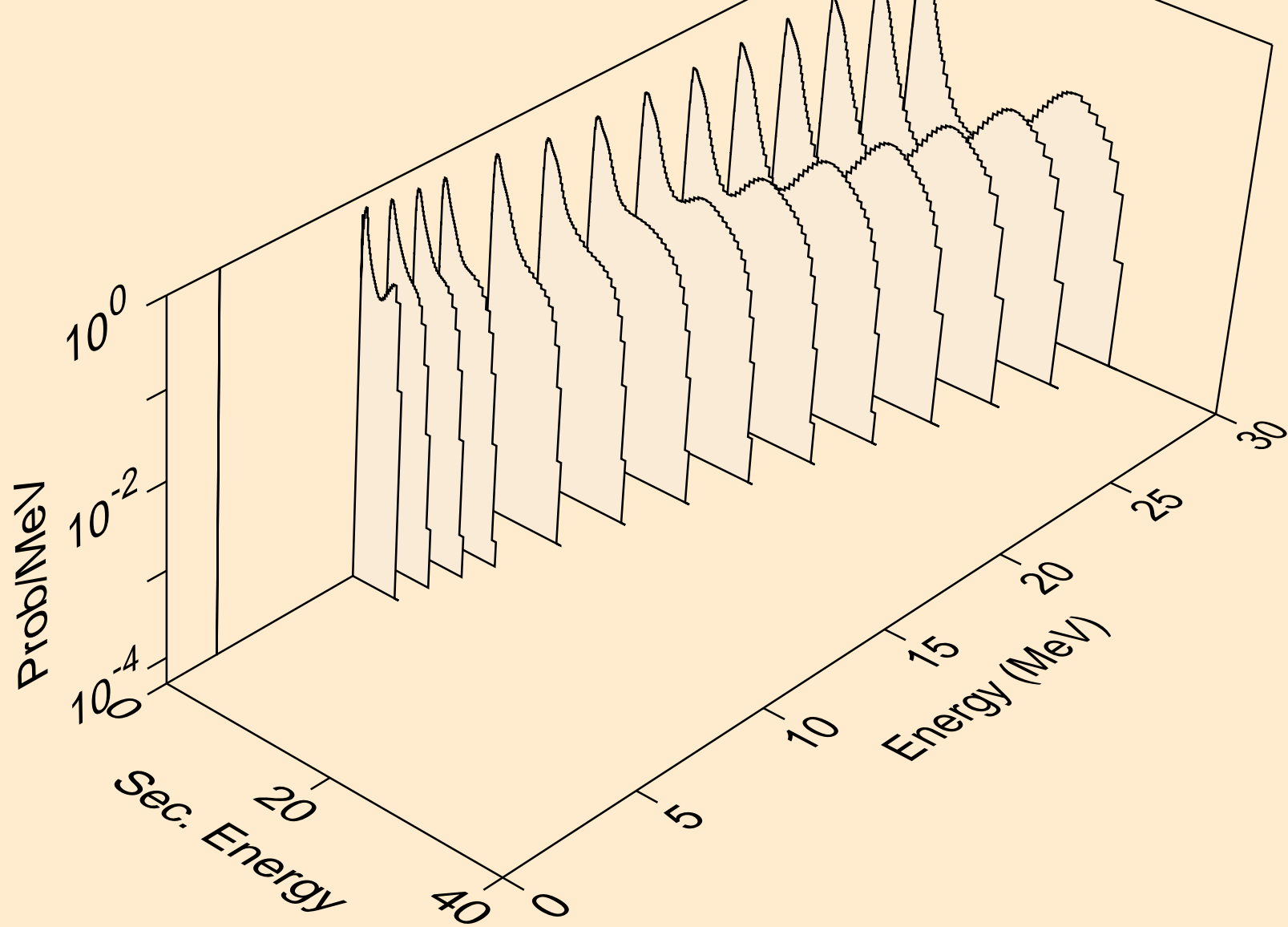
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2nd)



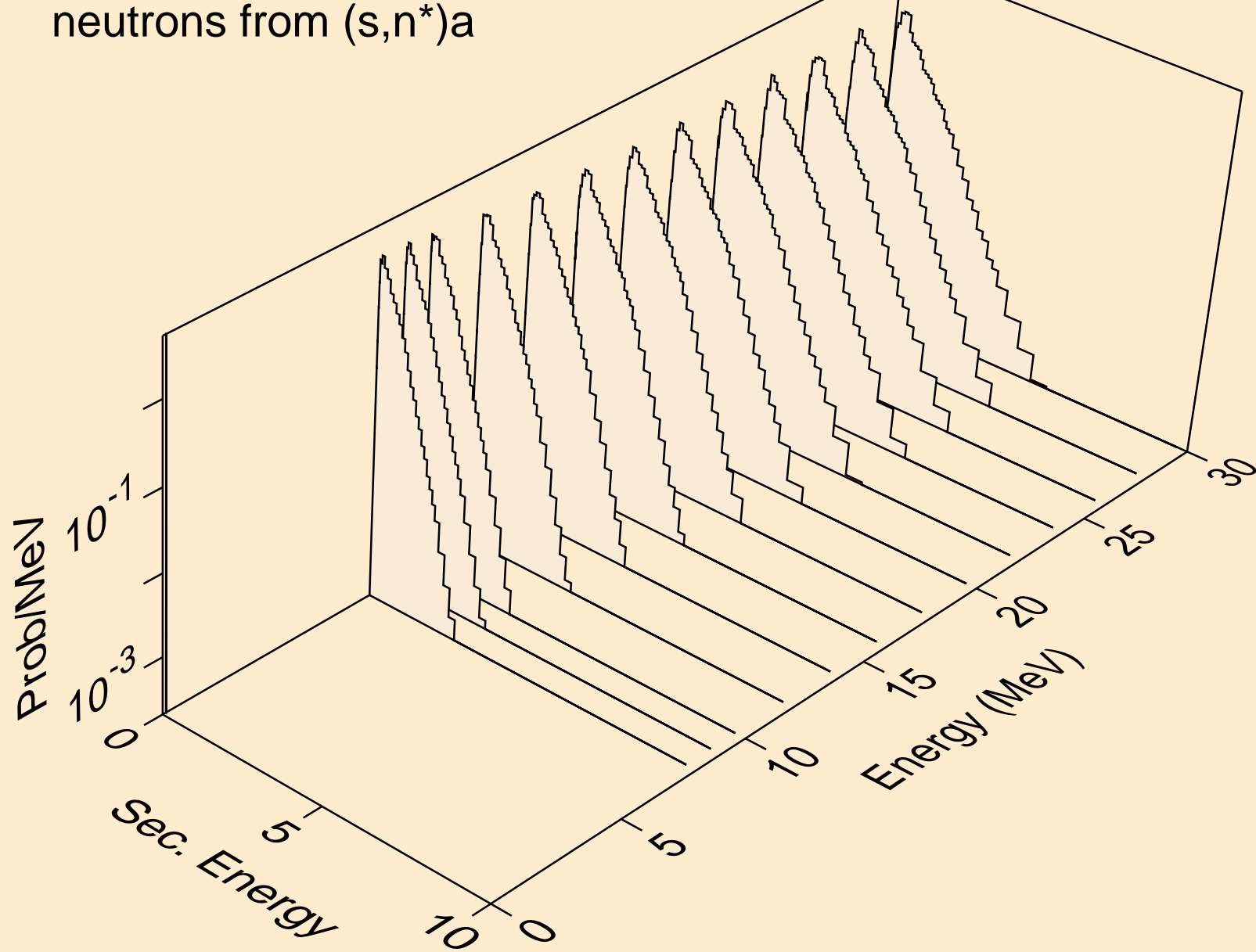
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2n)



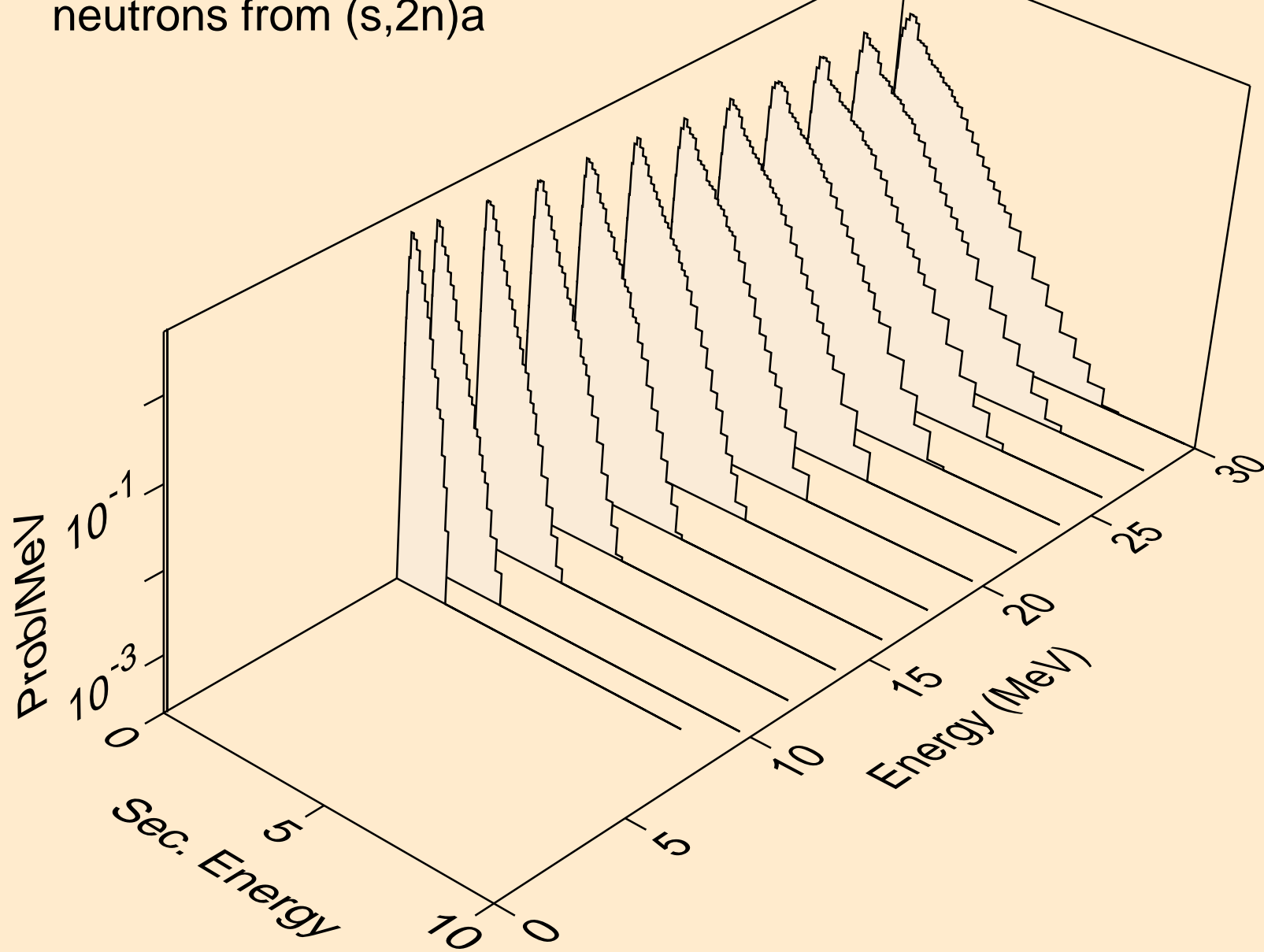
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,3n)



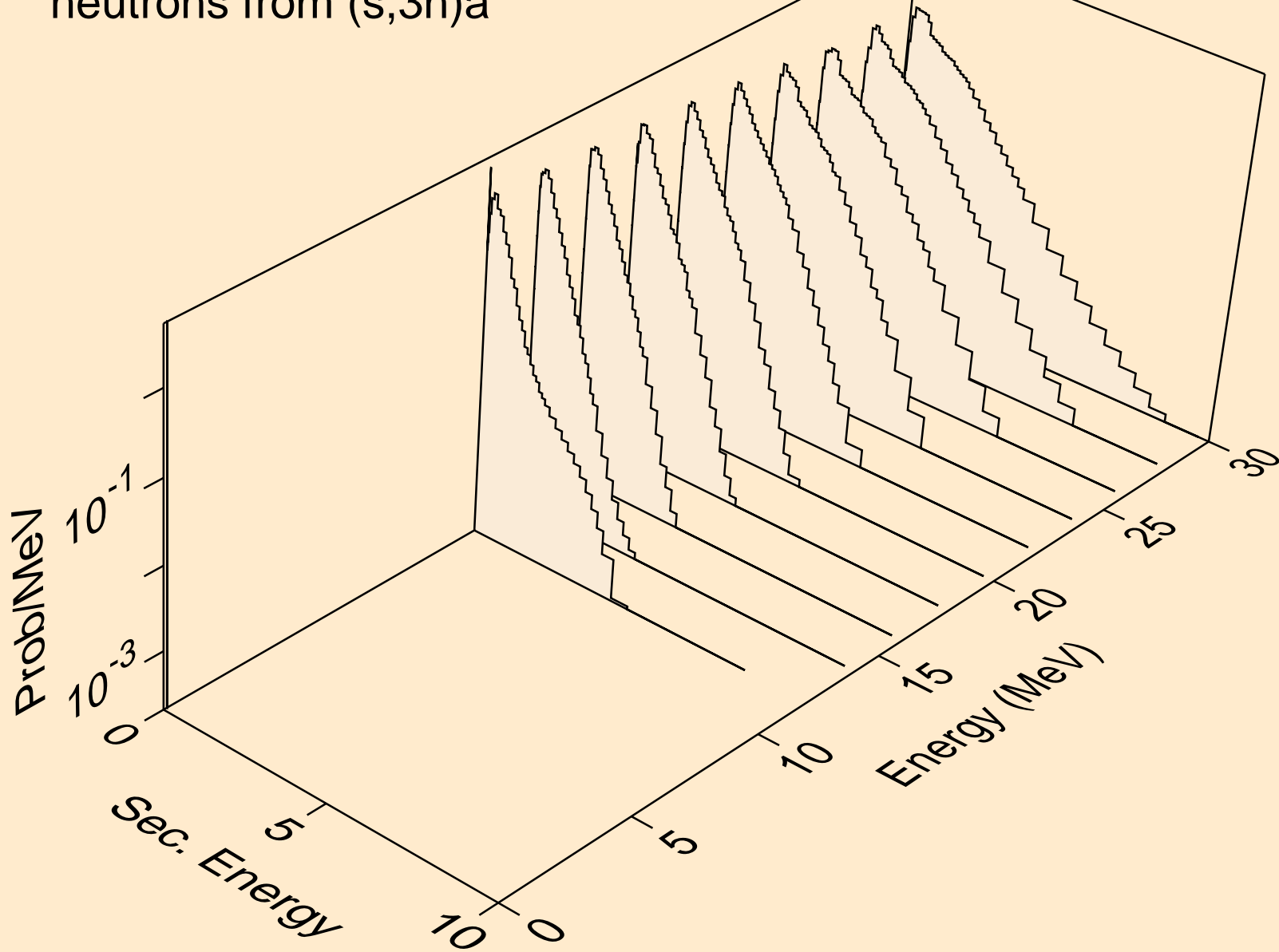
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)a



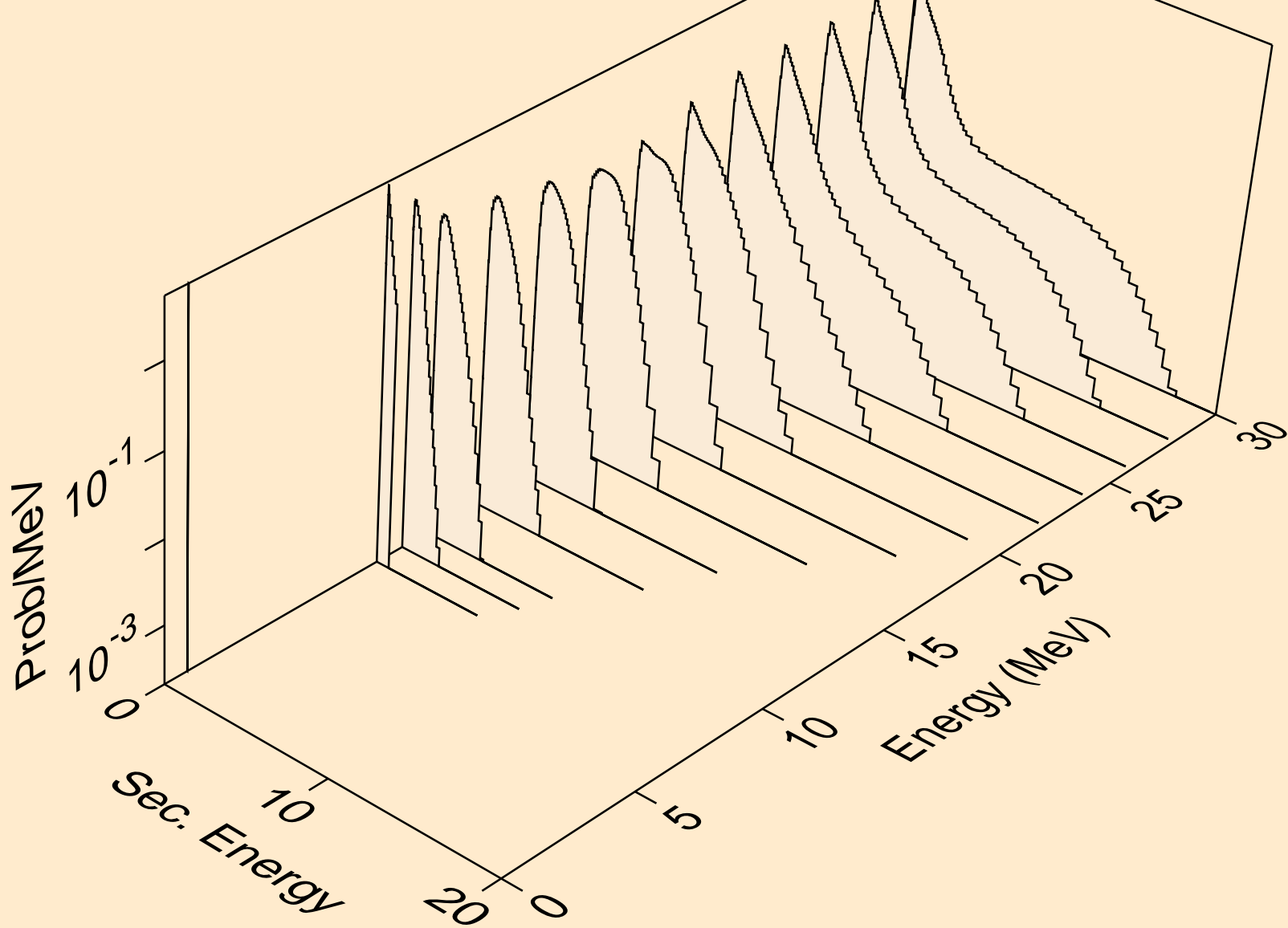
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2n)a



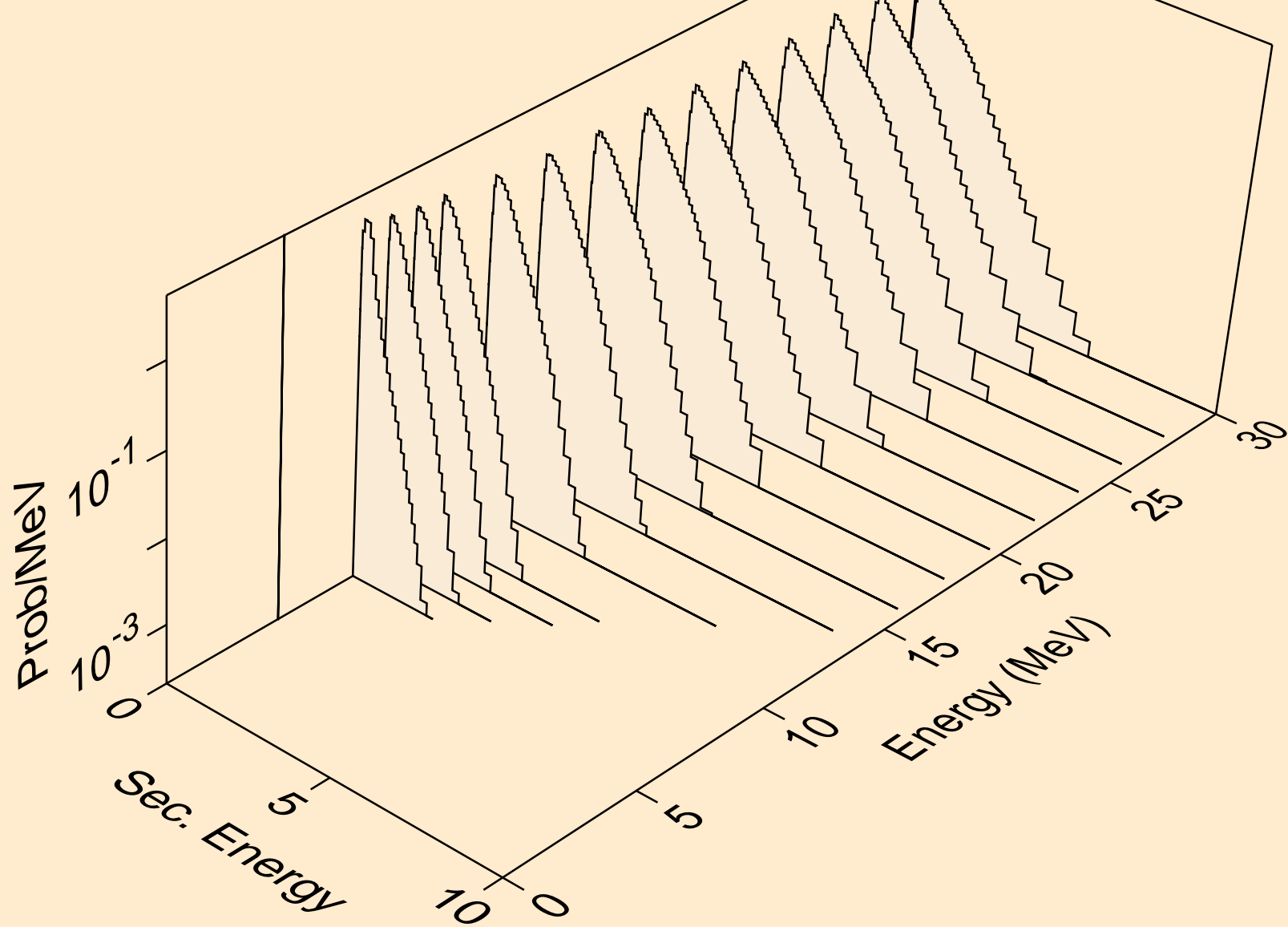
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,3n)a



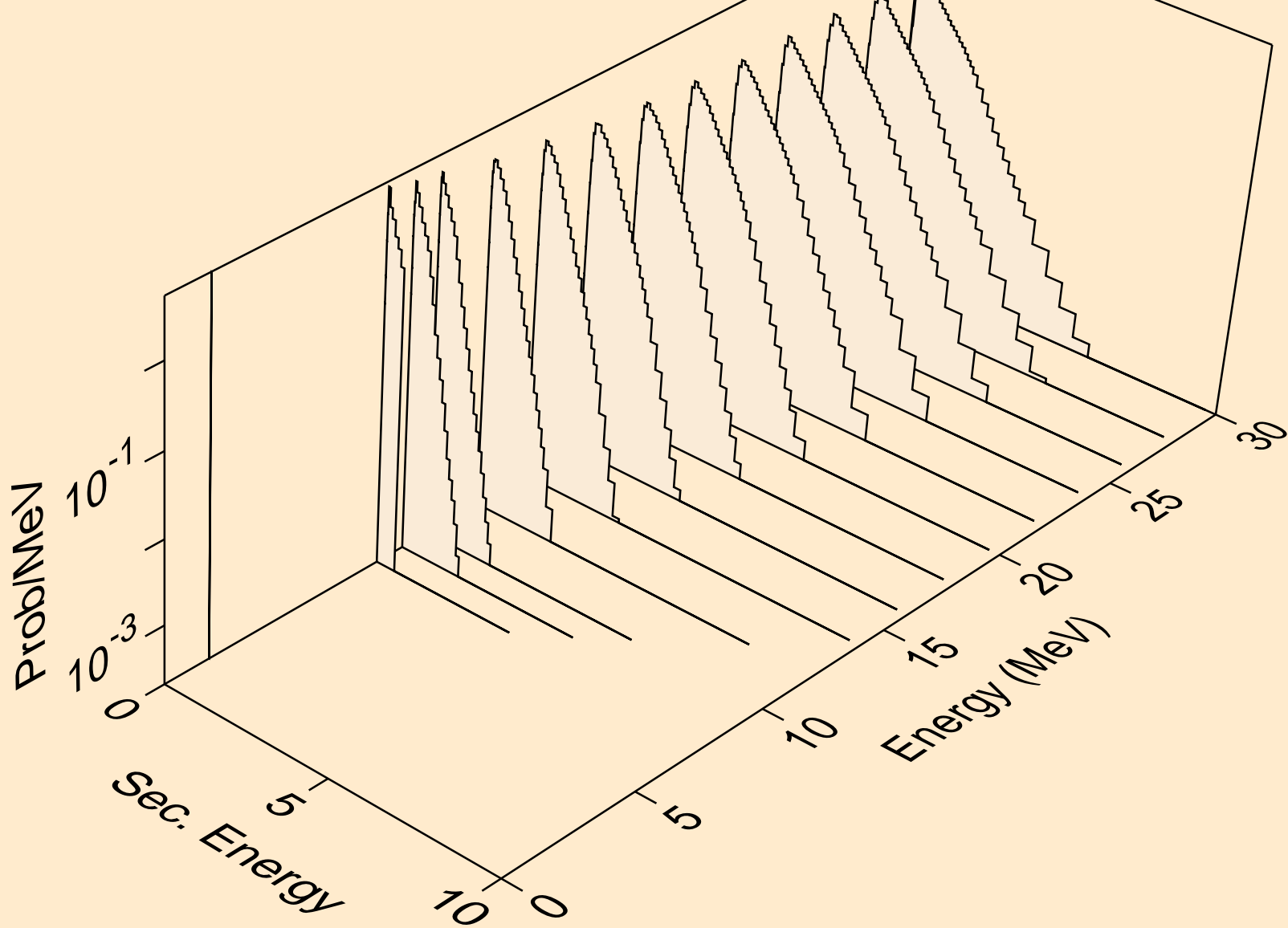
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)p



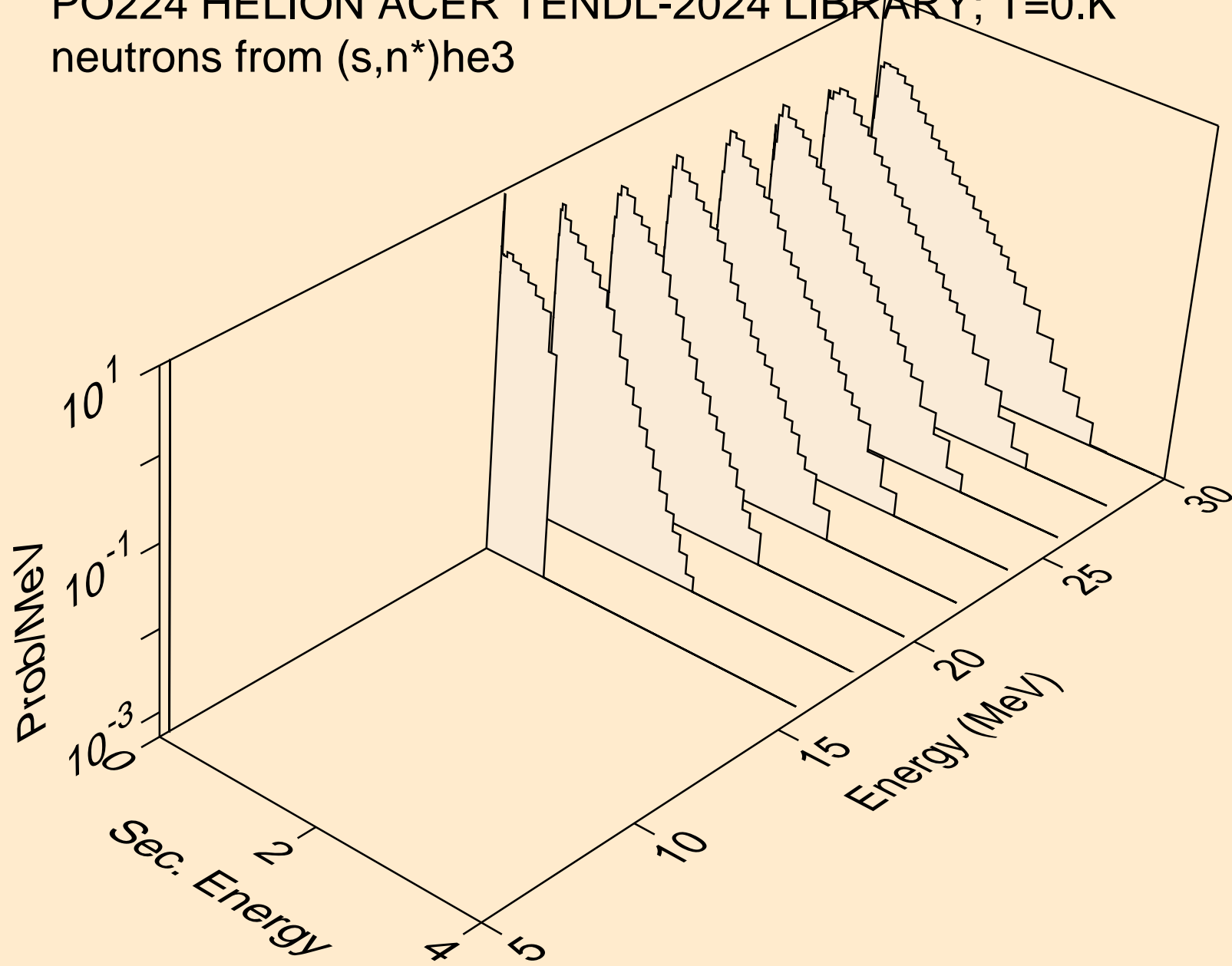
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)d



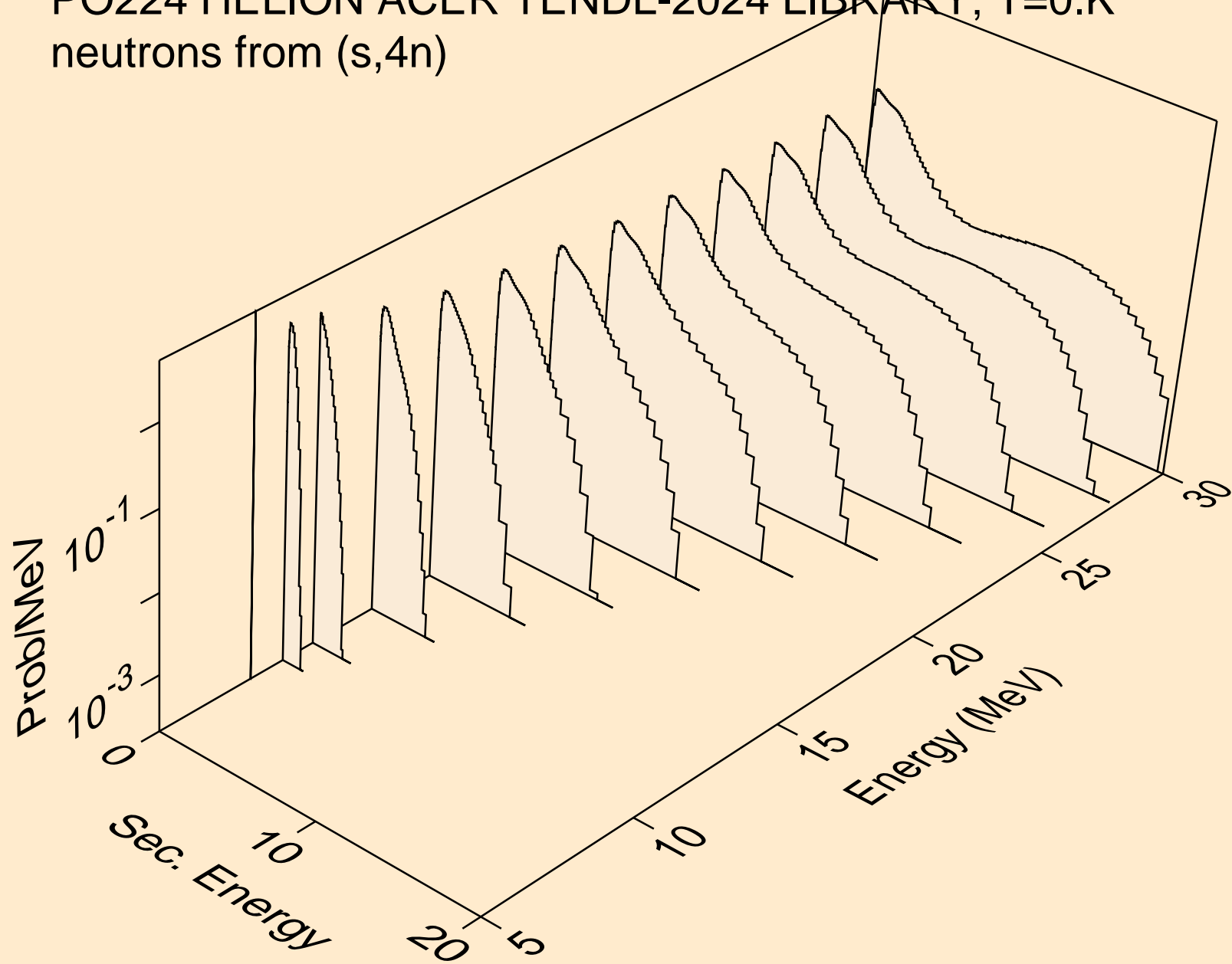
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)t



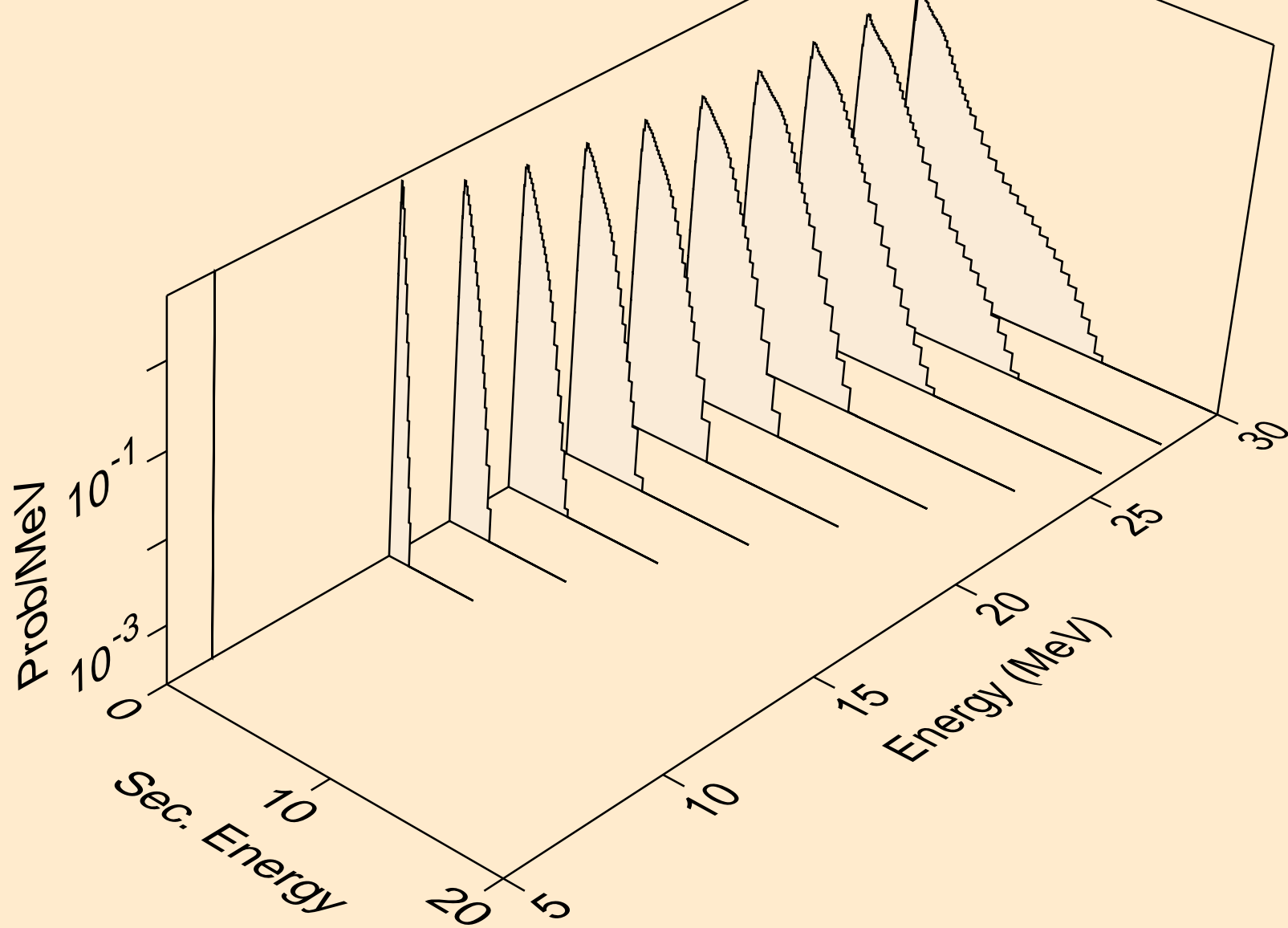
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



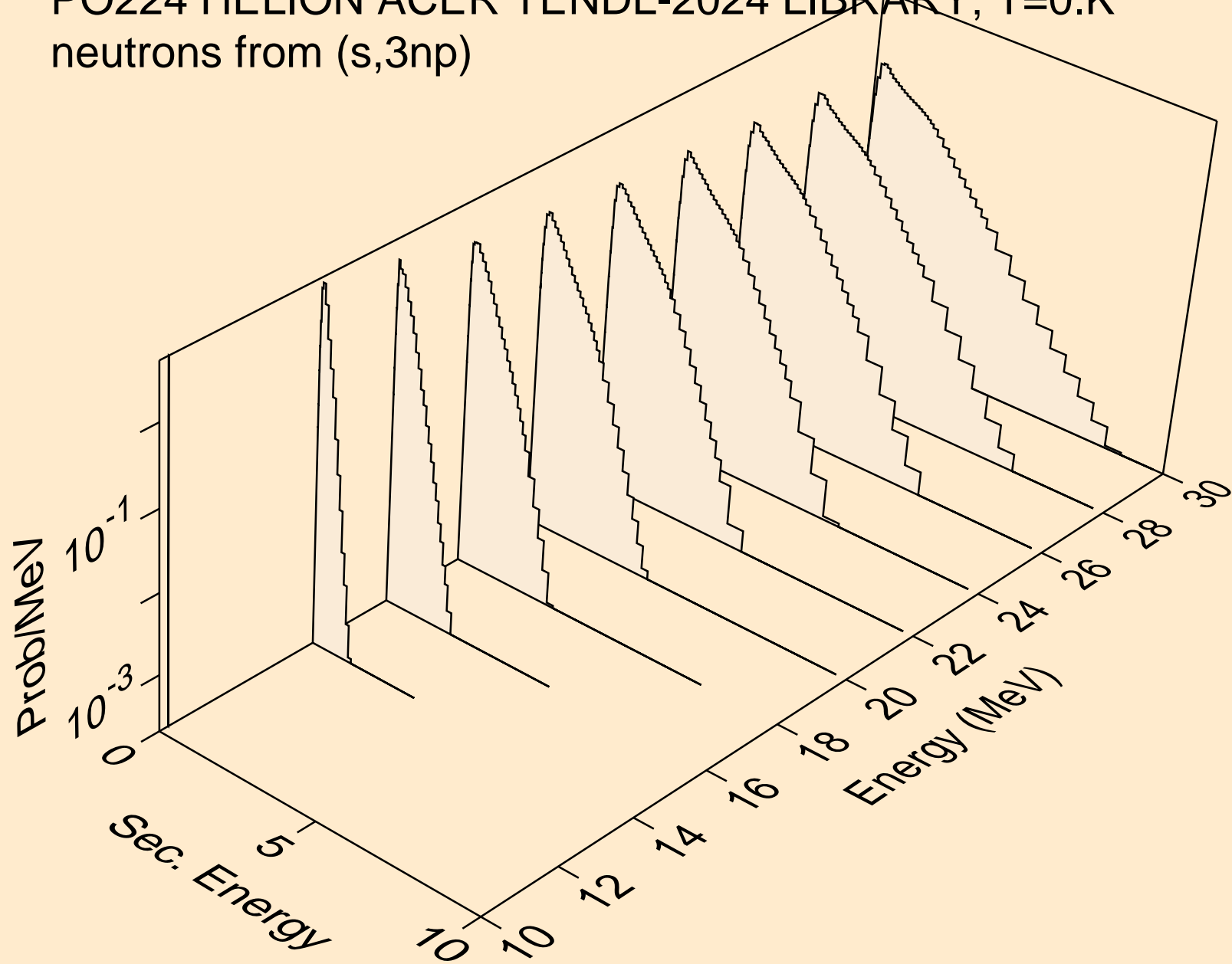
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,4n)



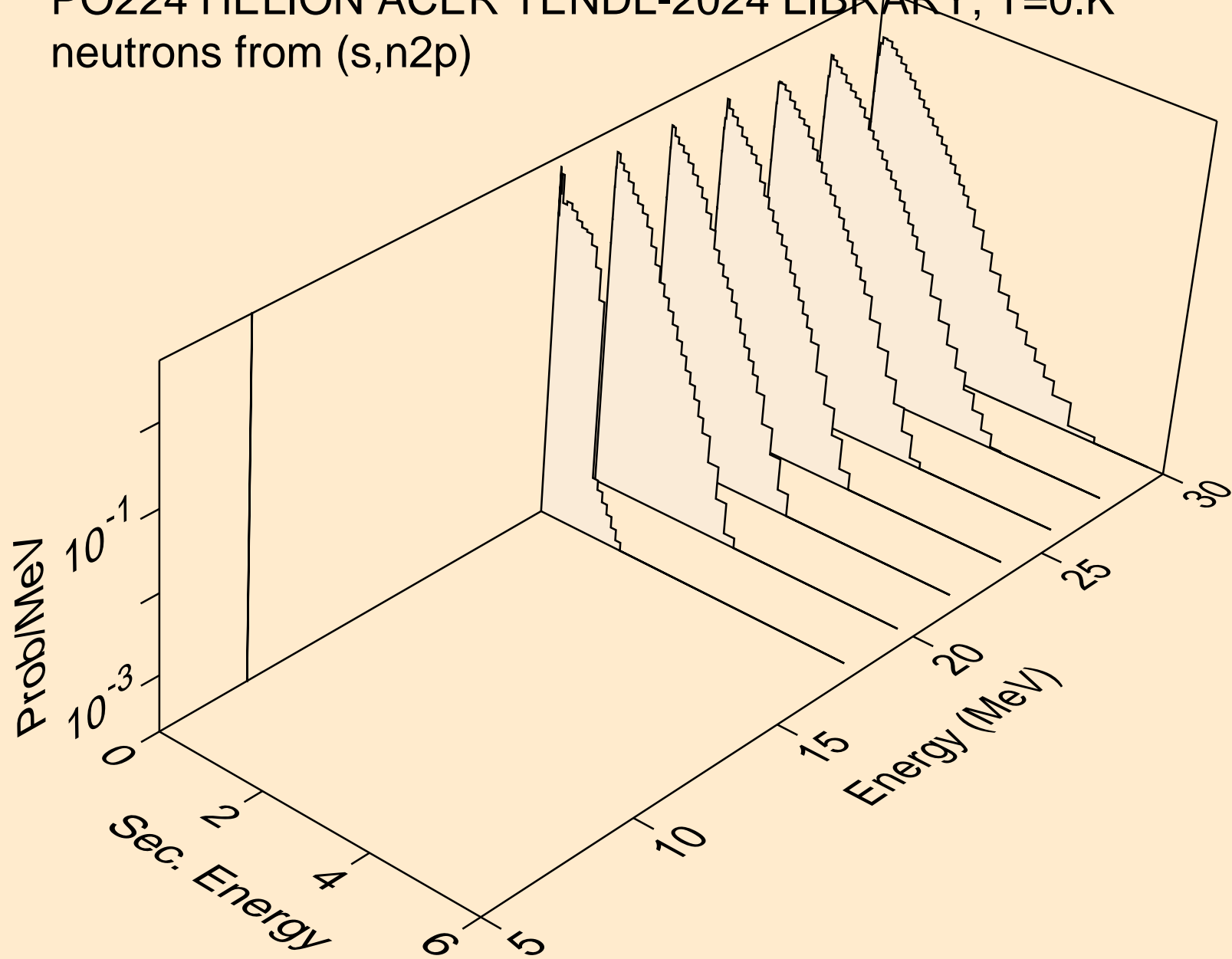
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2np)



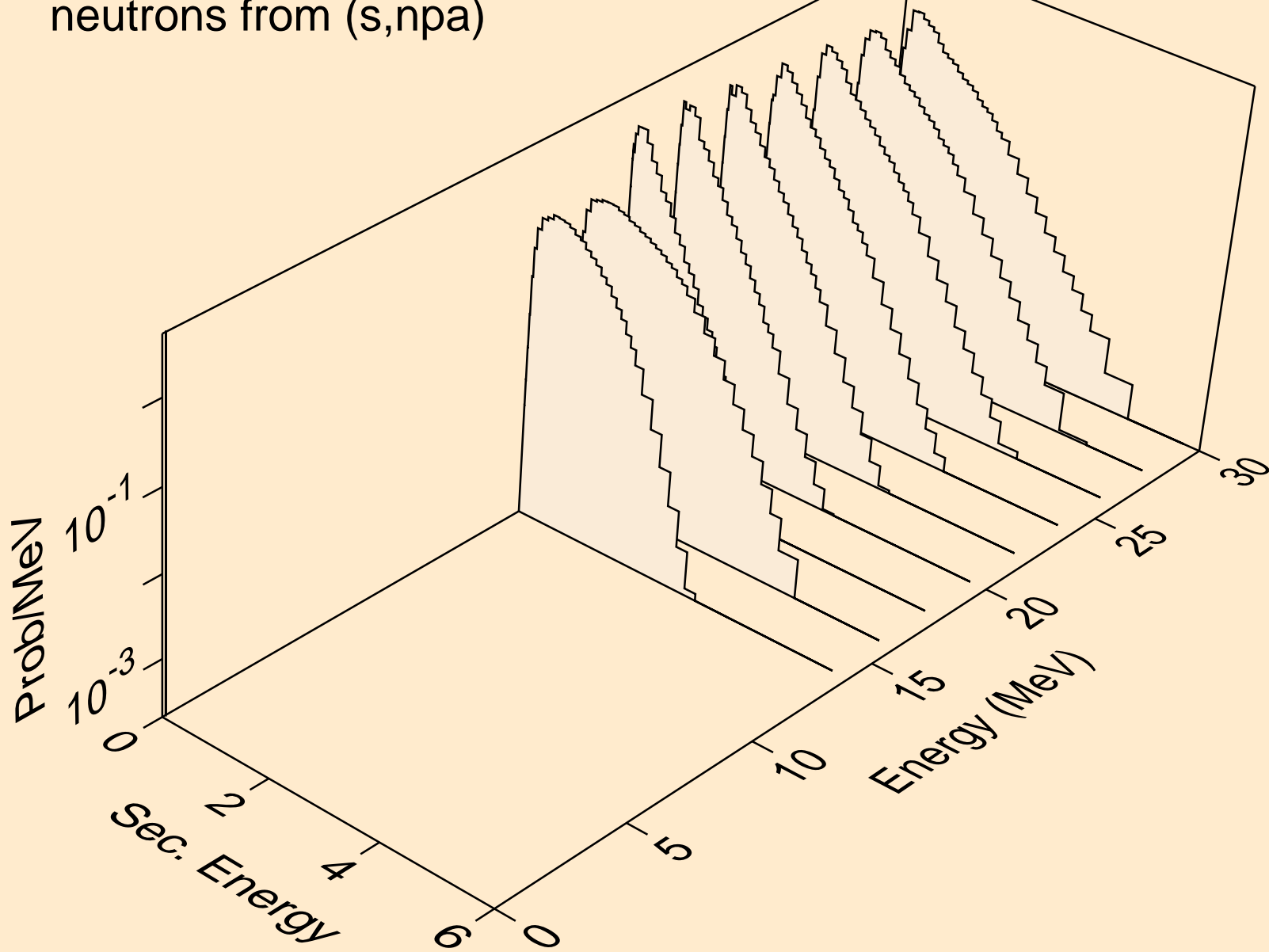
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,3np)



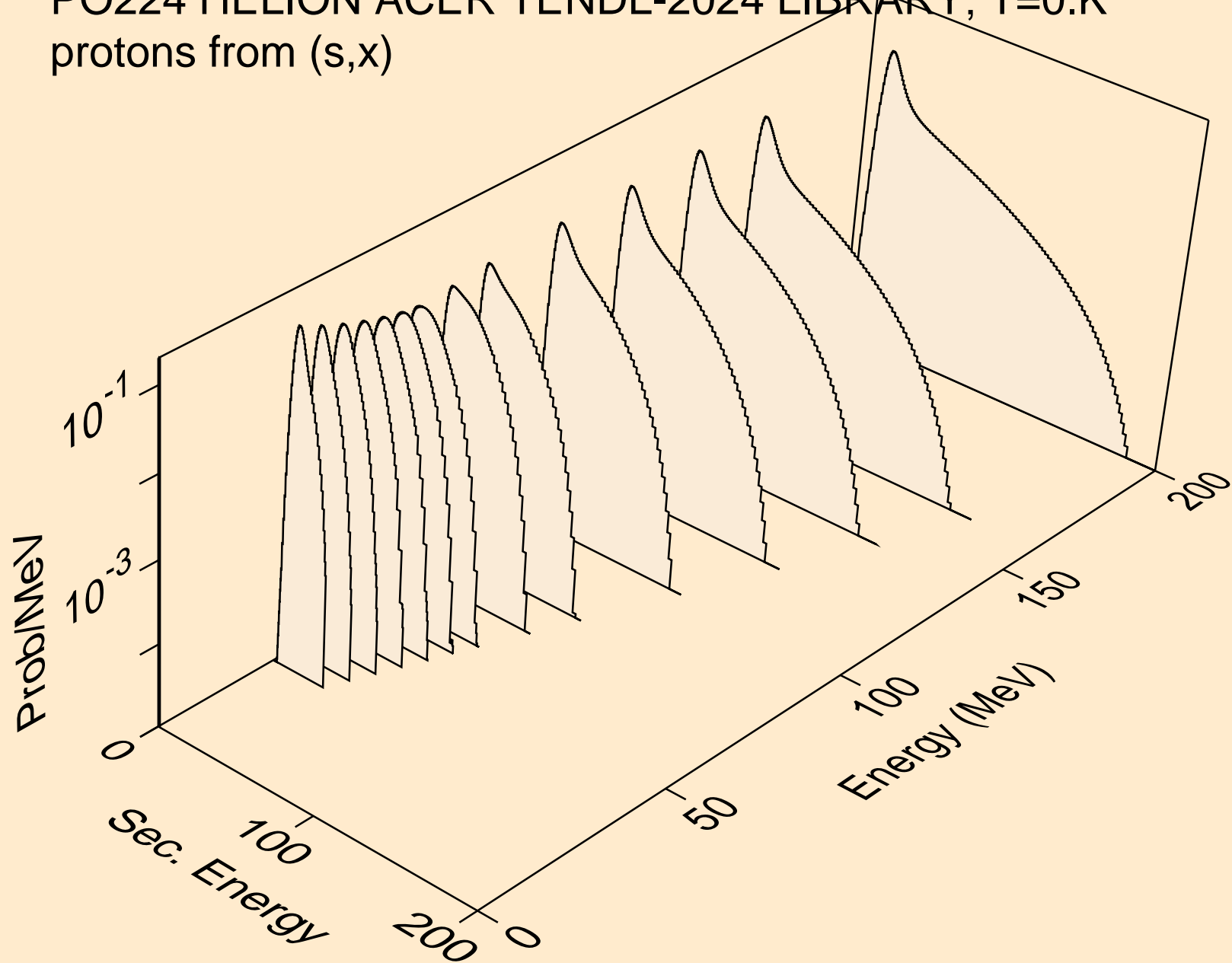
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n2p)



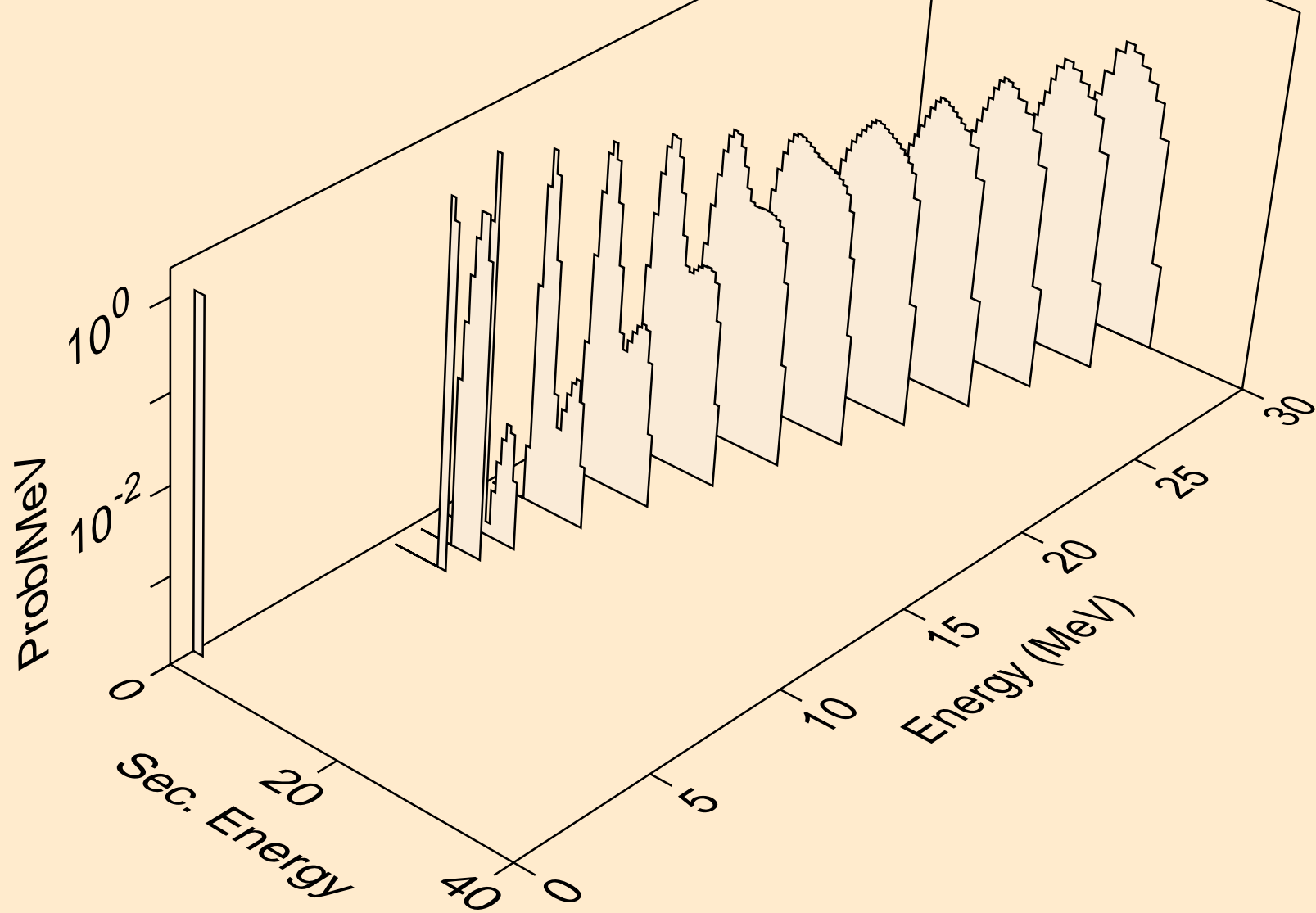
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,npa)



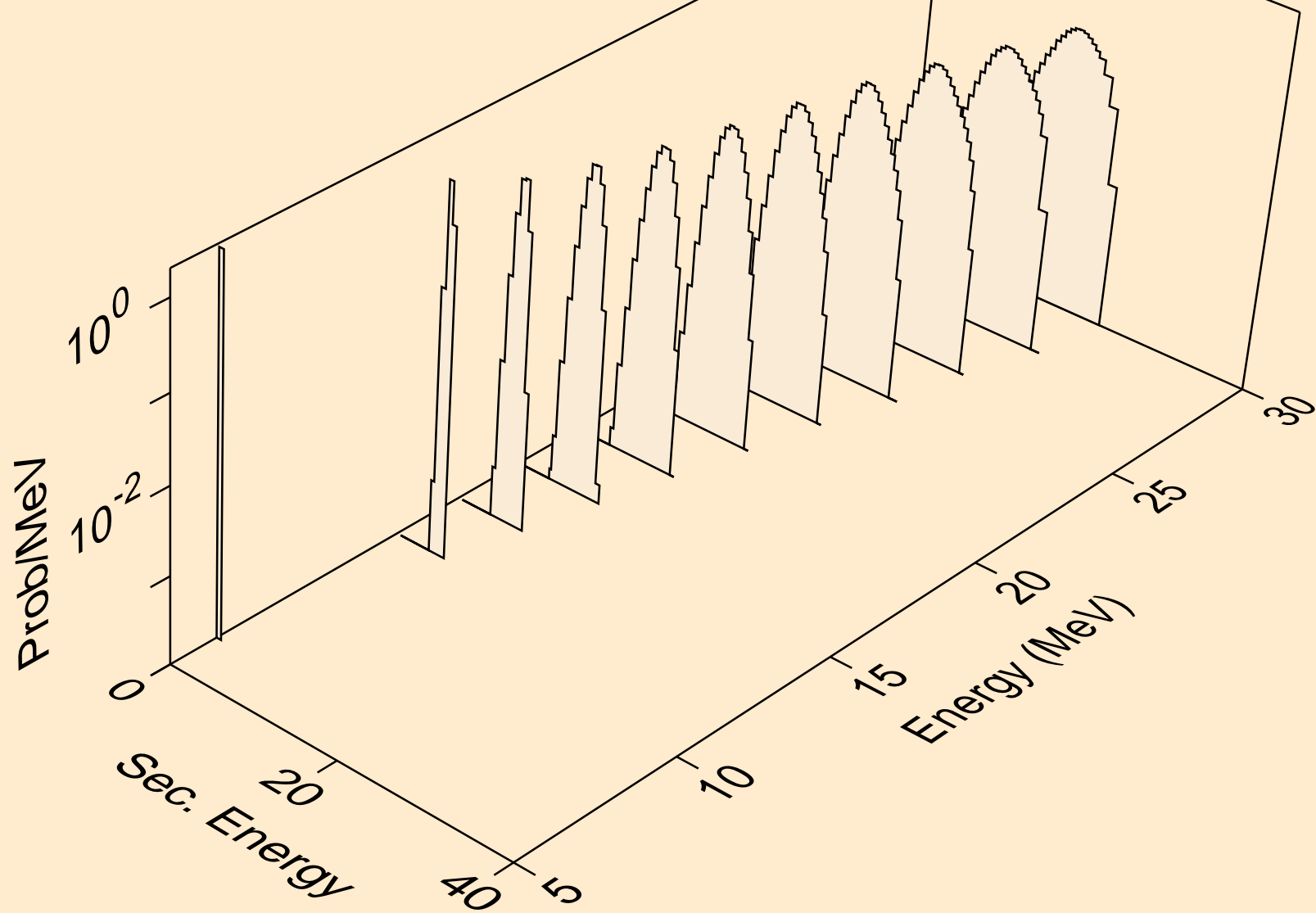
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,x)



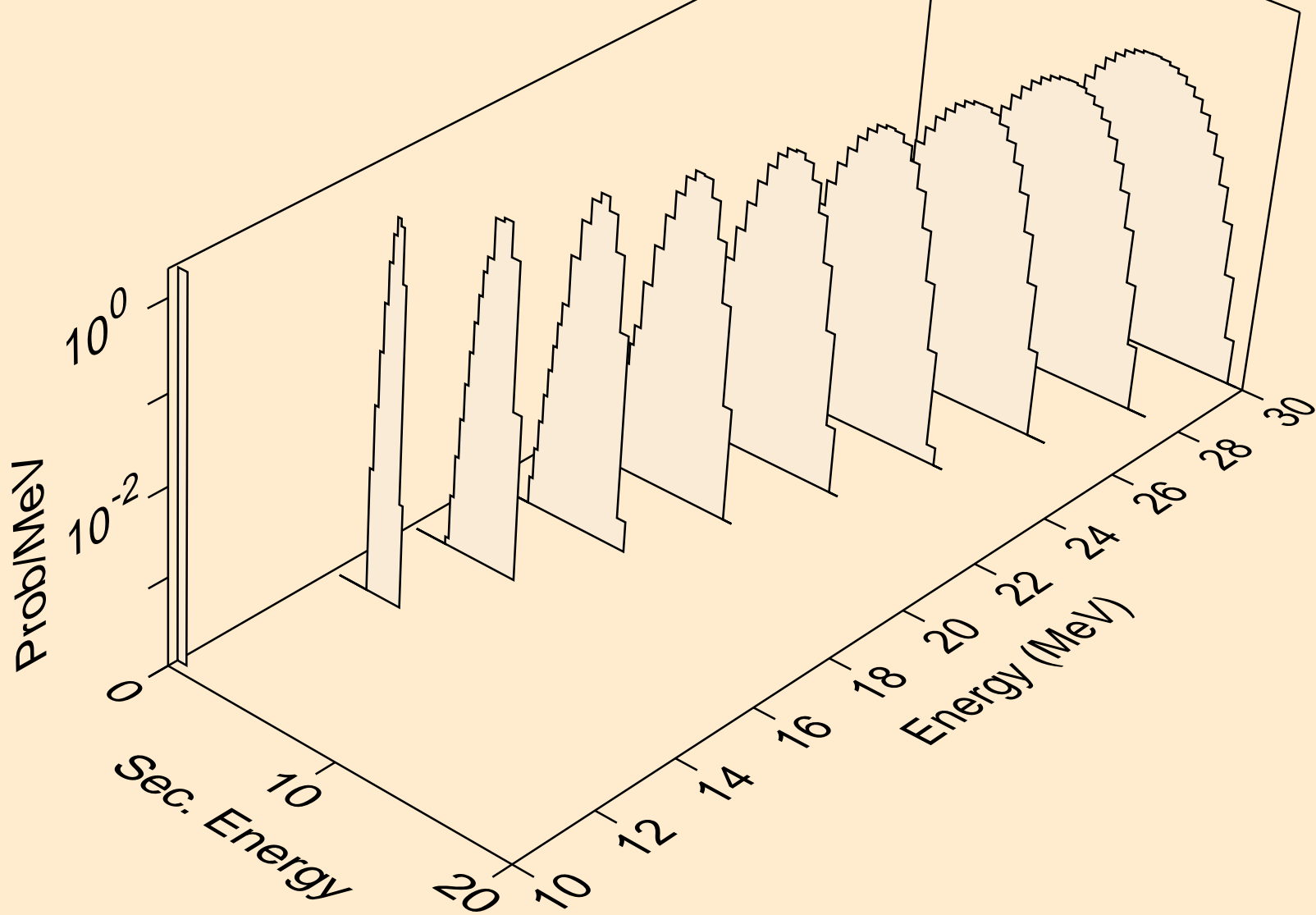
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,n\*)p



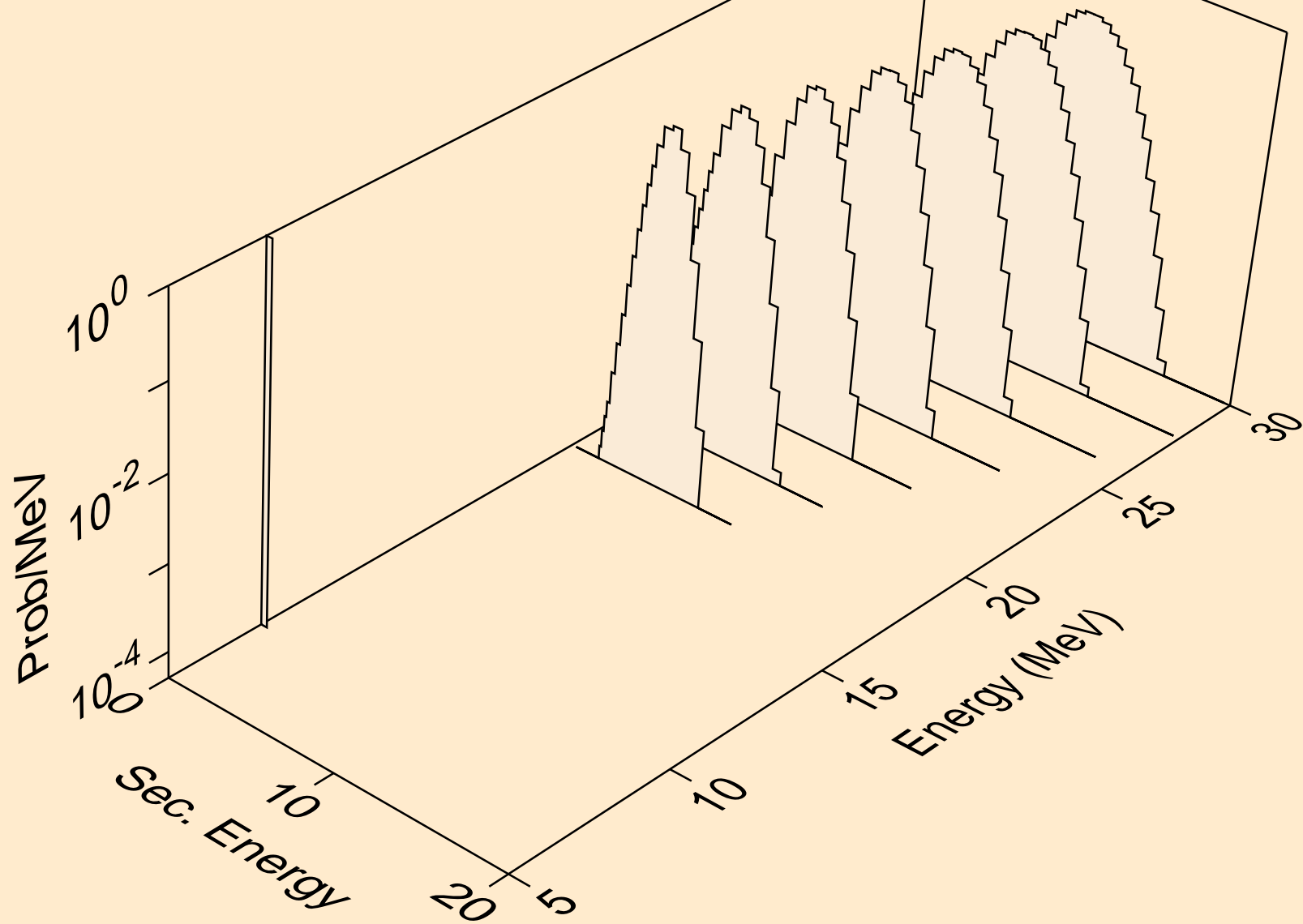
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,2np)



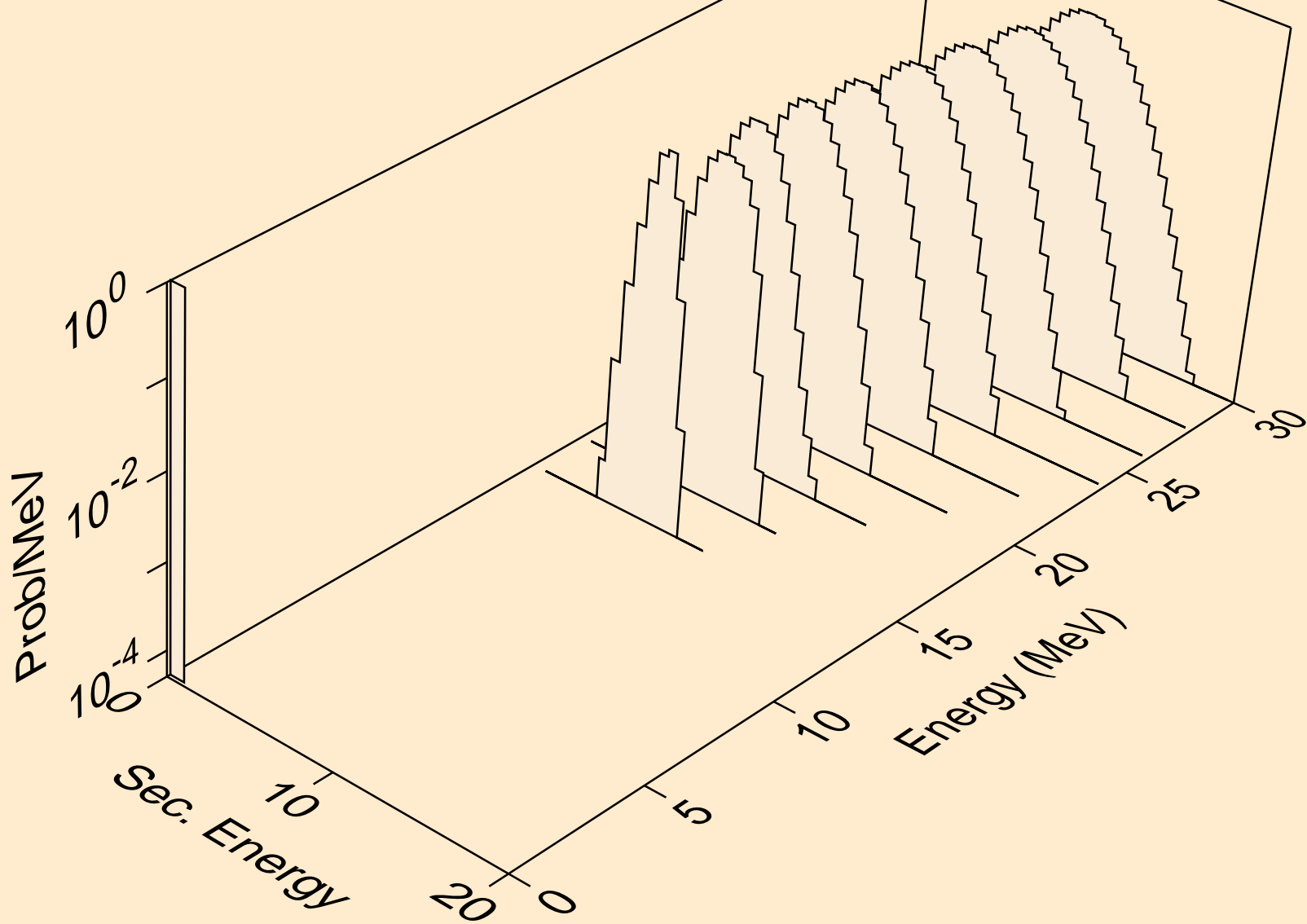
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,3np)



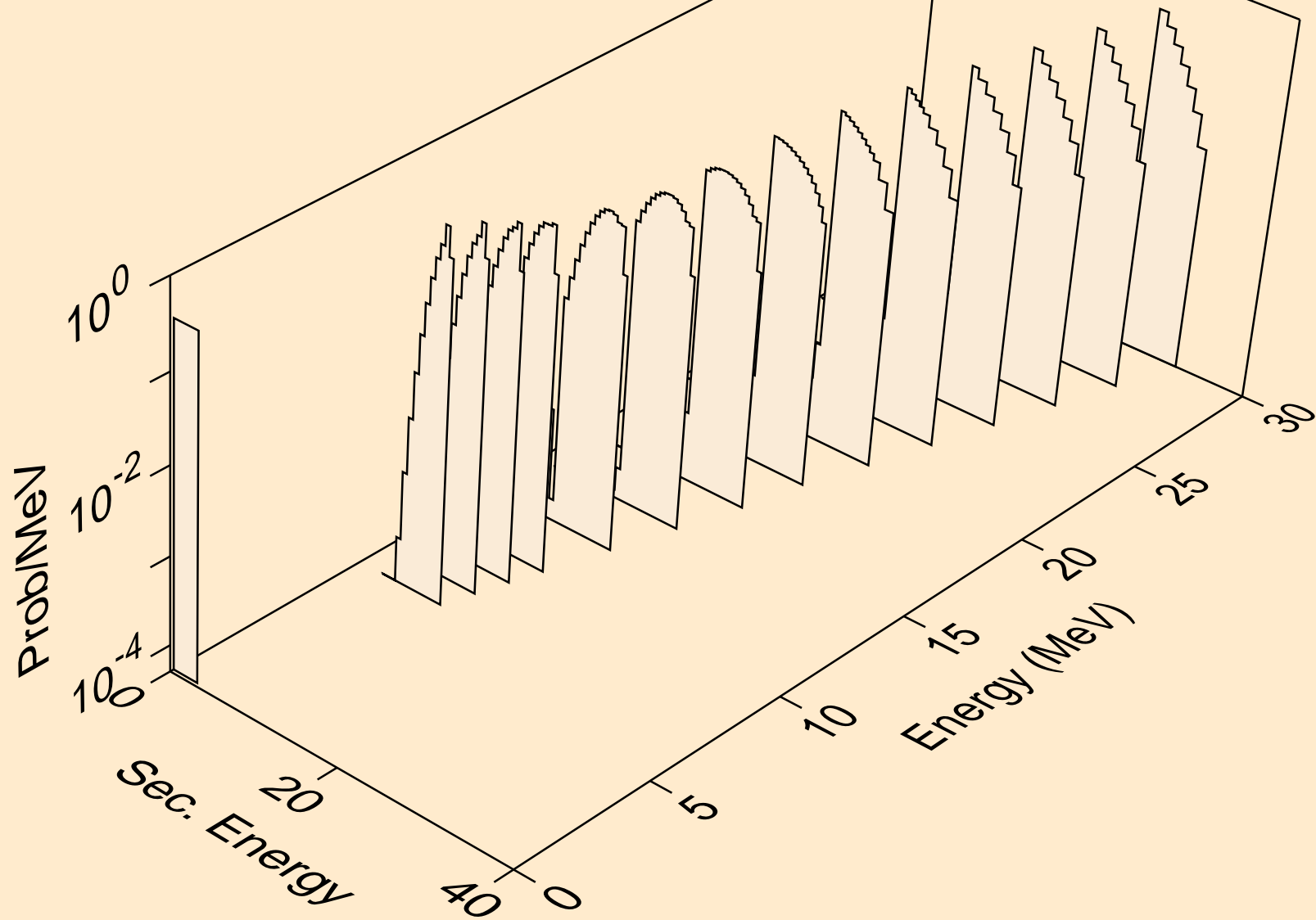
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,n2p)



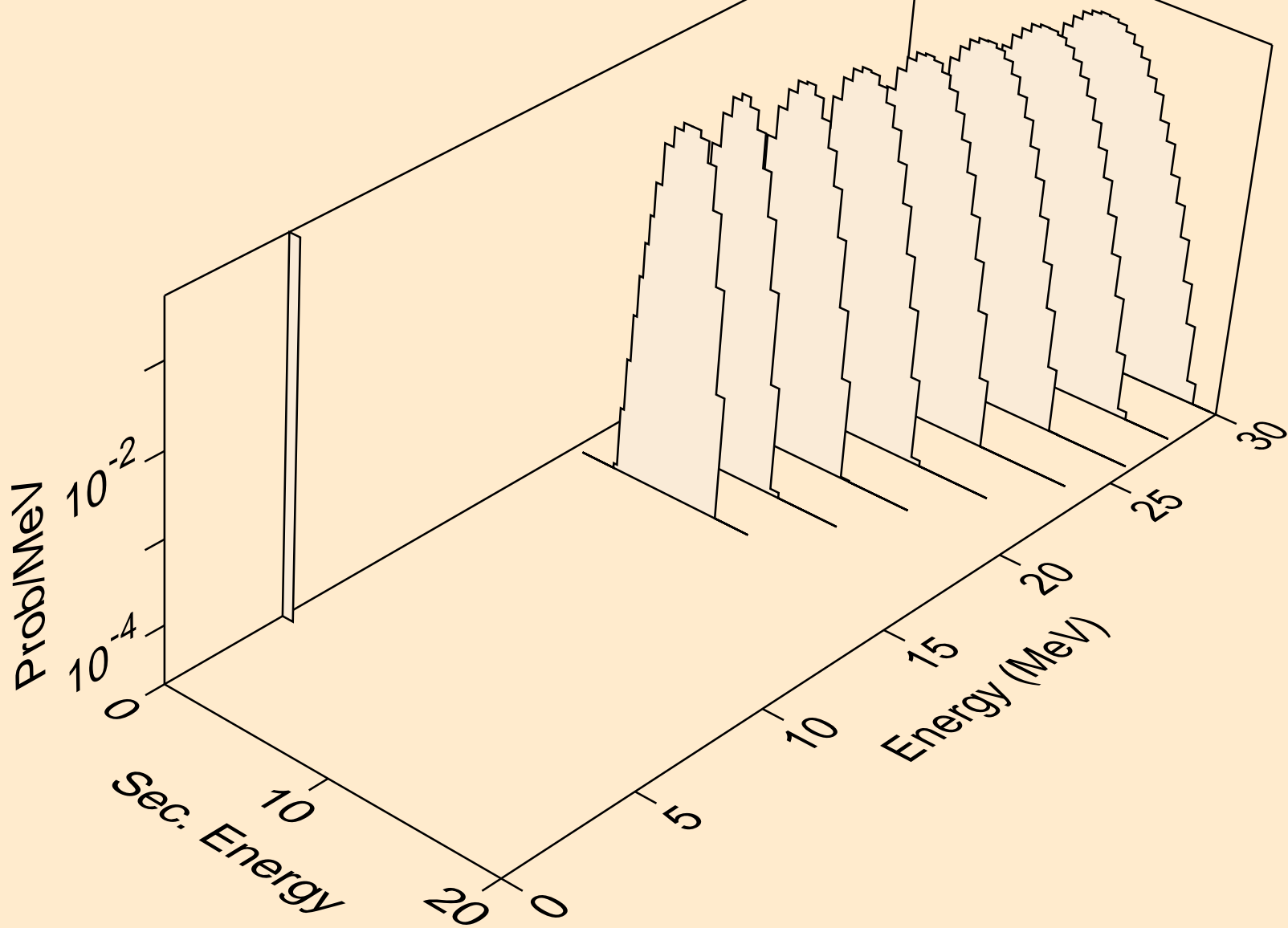
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,npa)



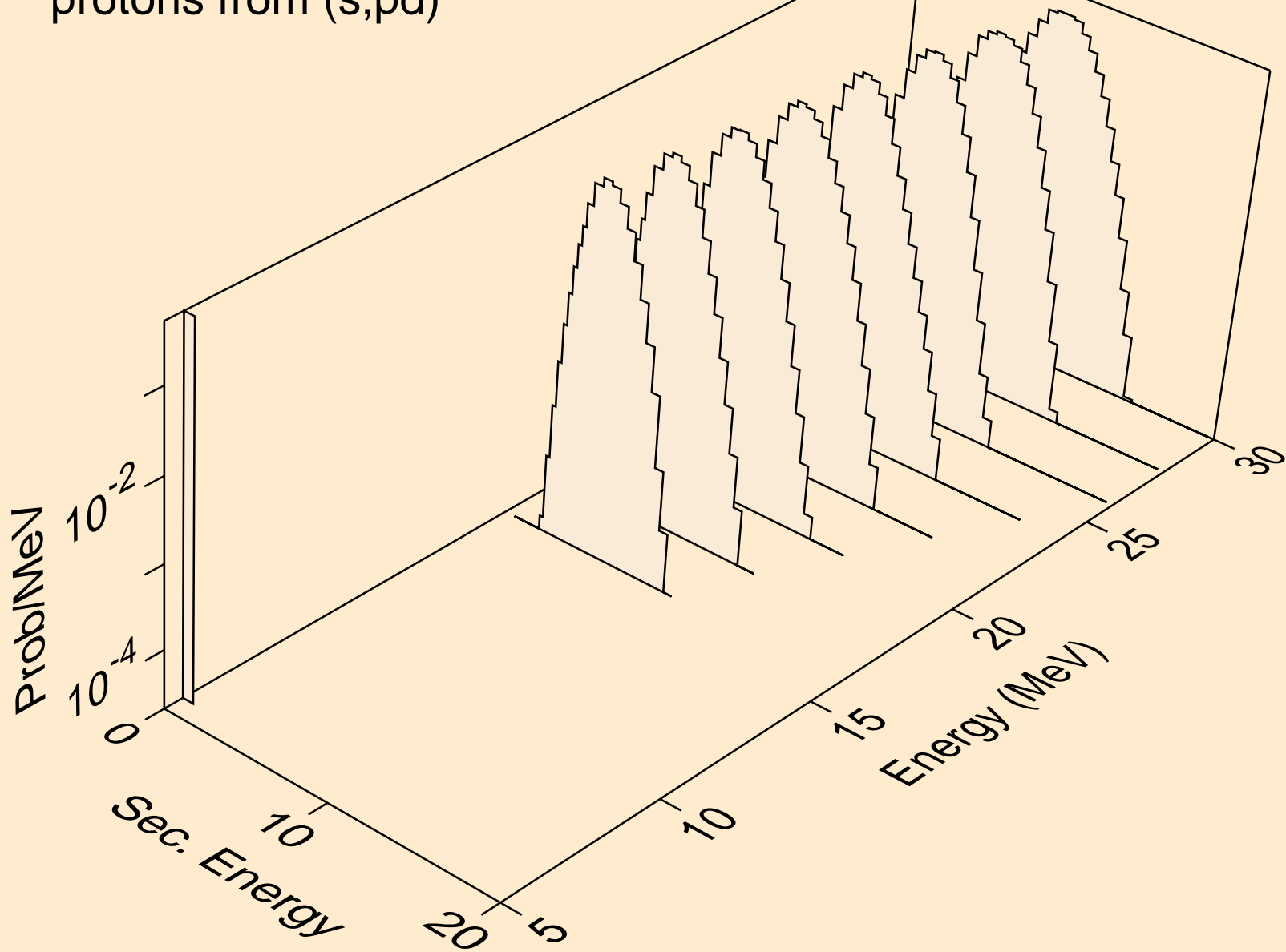
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,p)



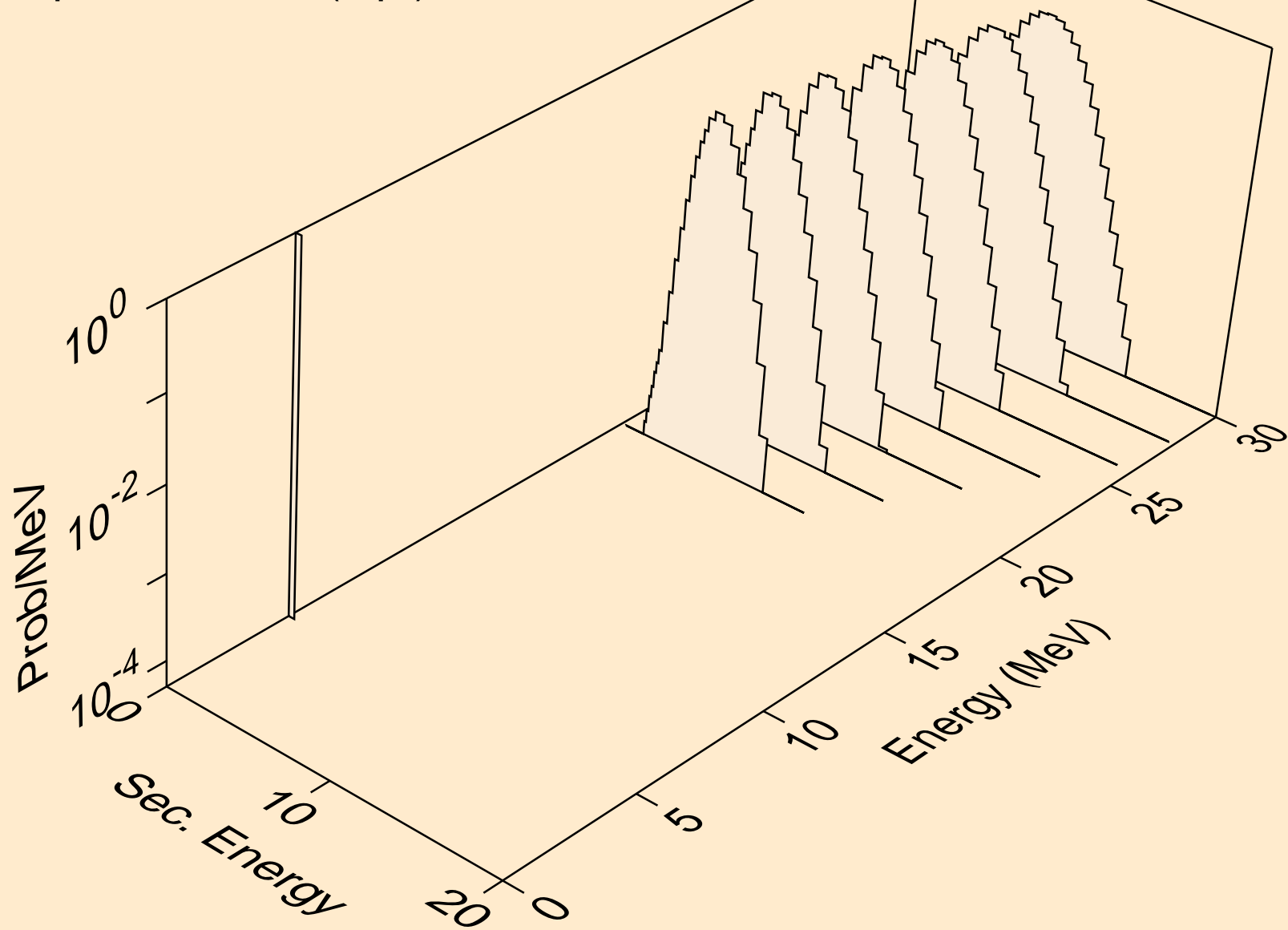
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,2p)



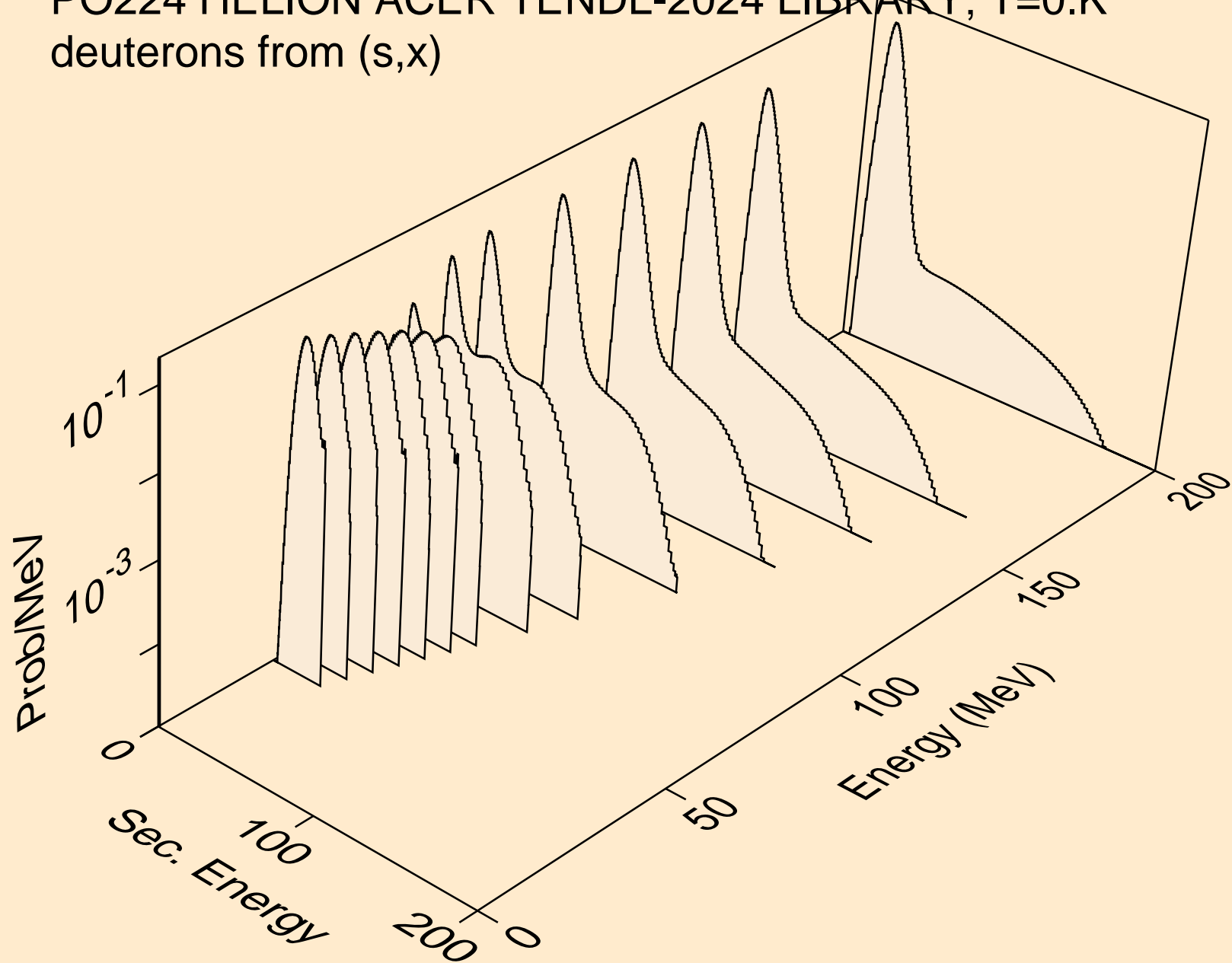
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,pd)



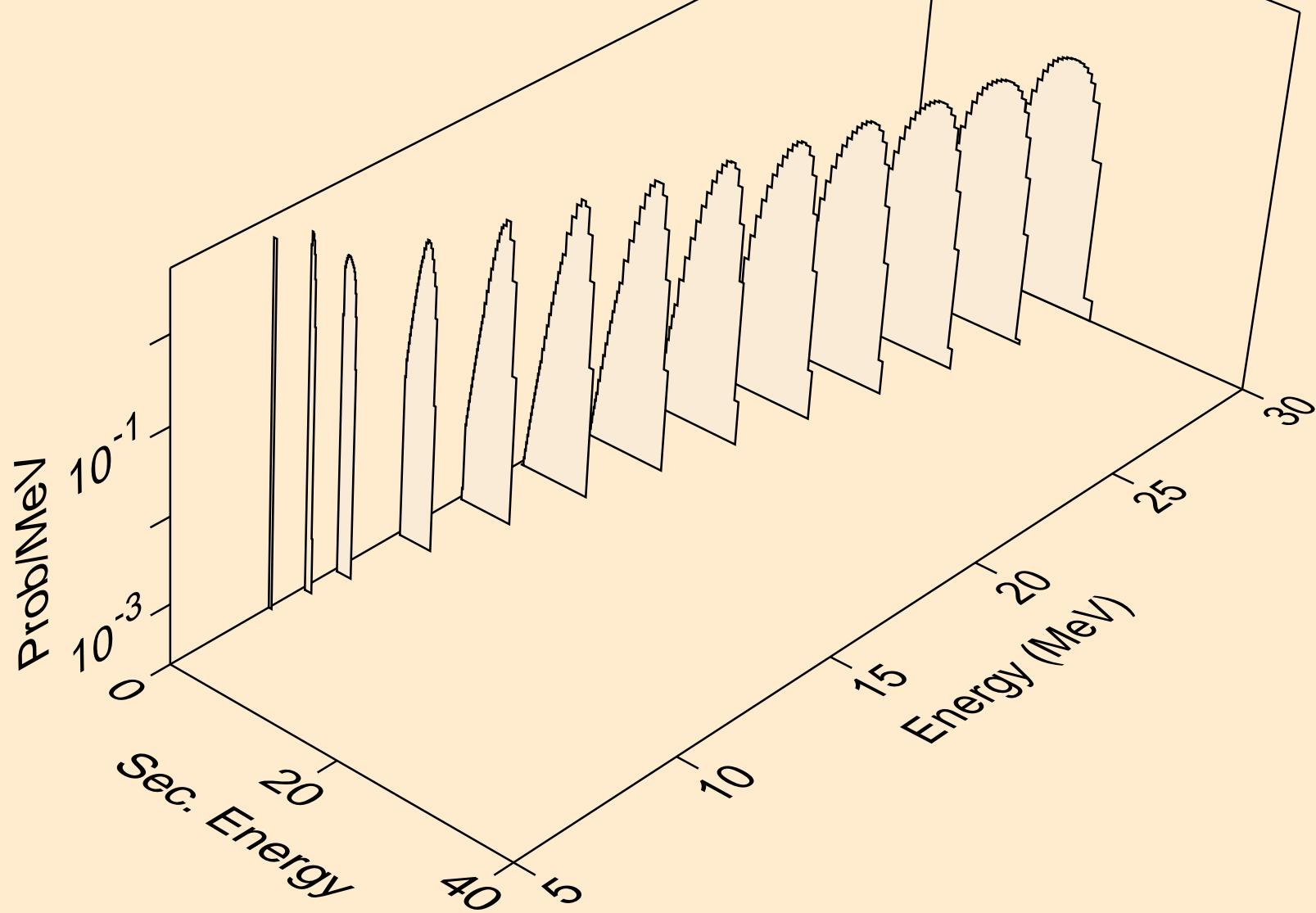
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,pt)



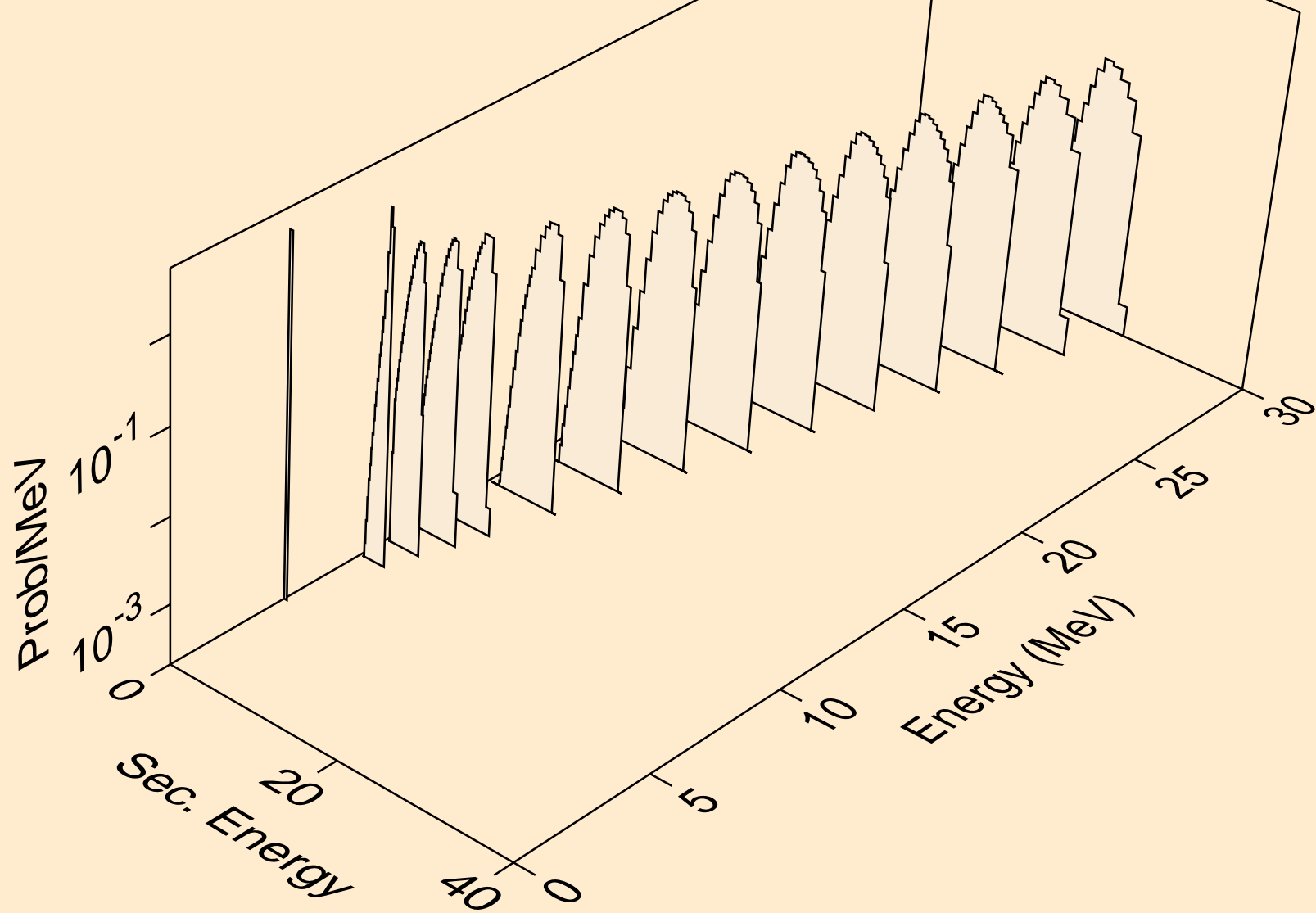
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,x)



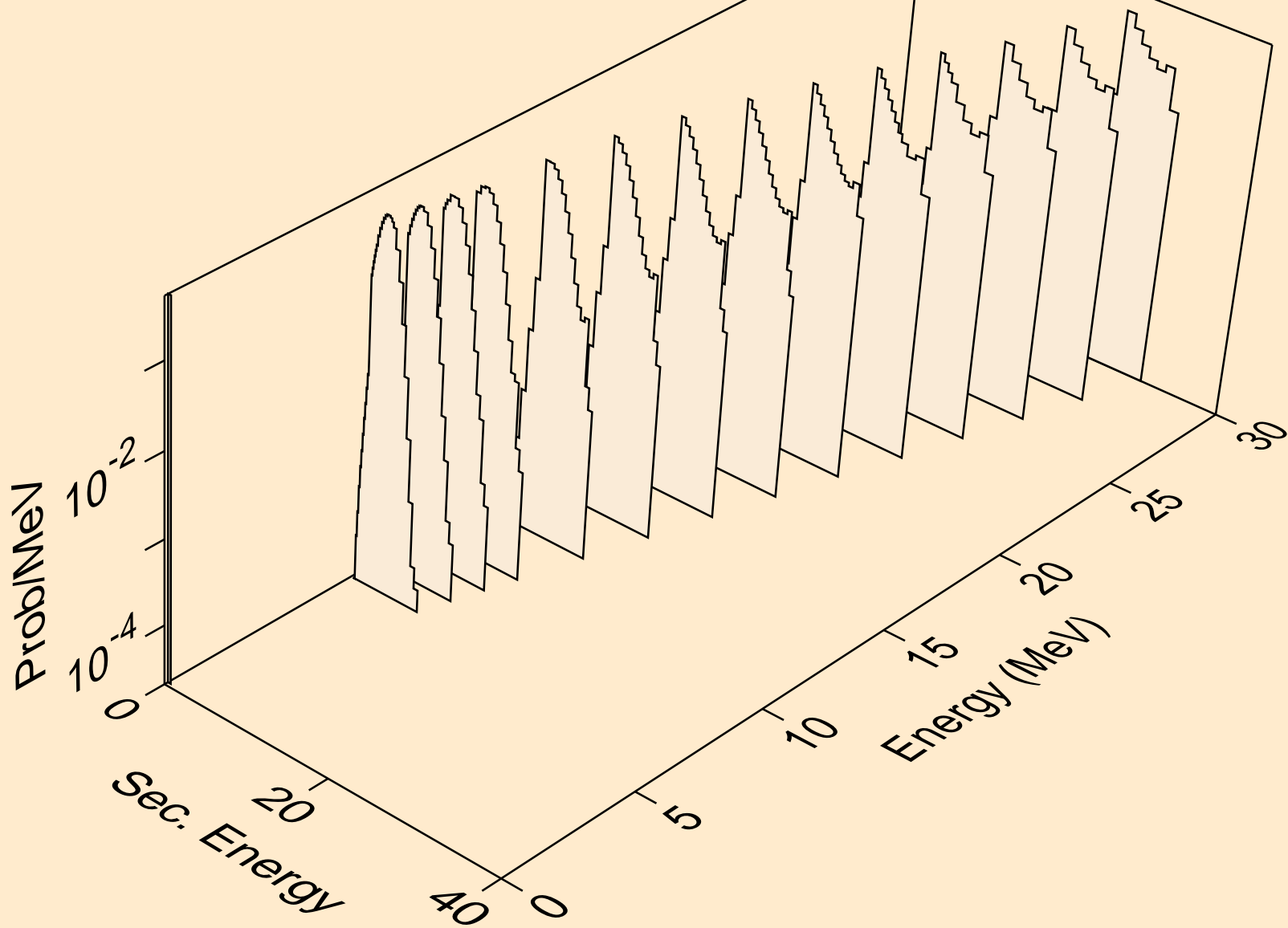
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,2nd)



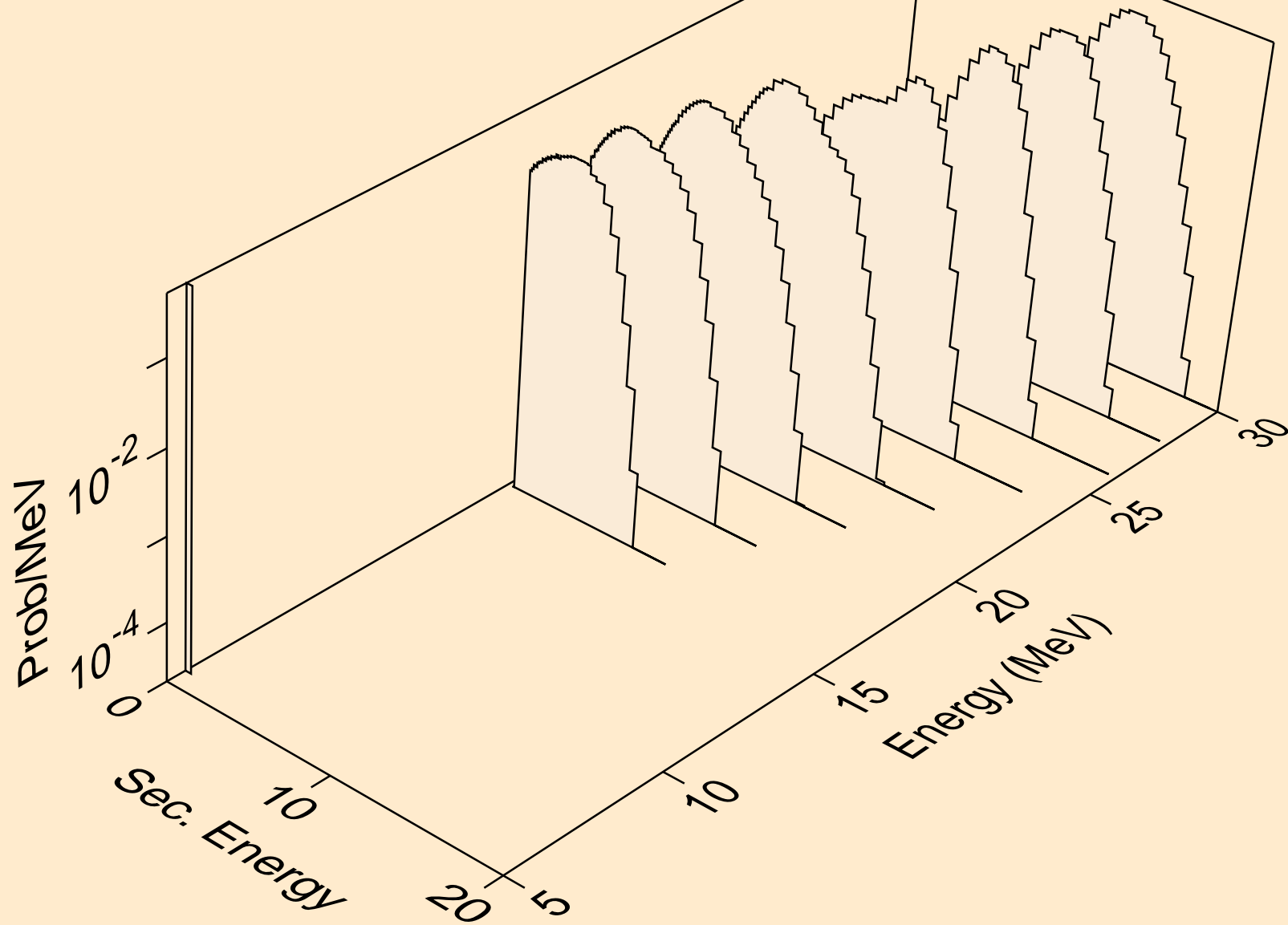
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,n\*)d



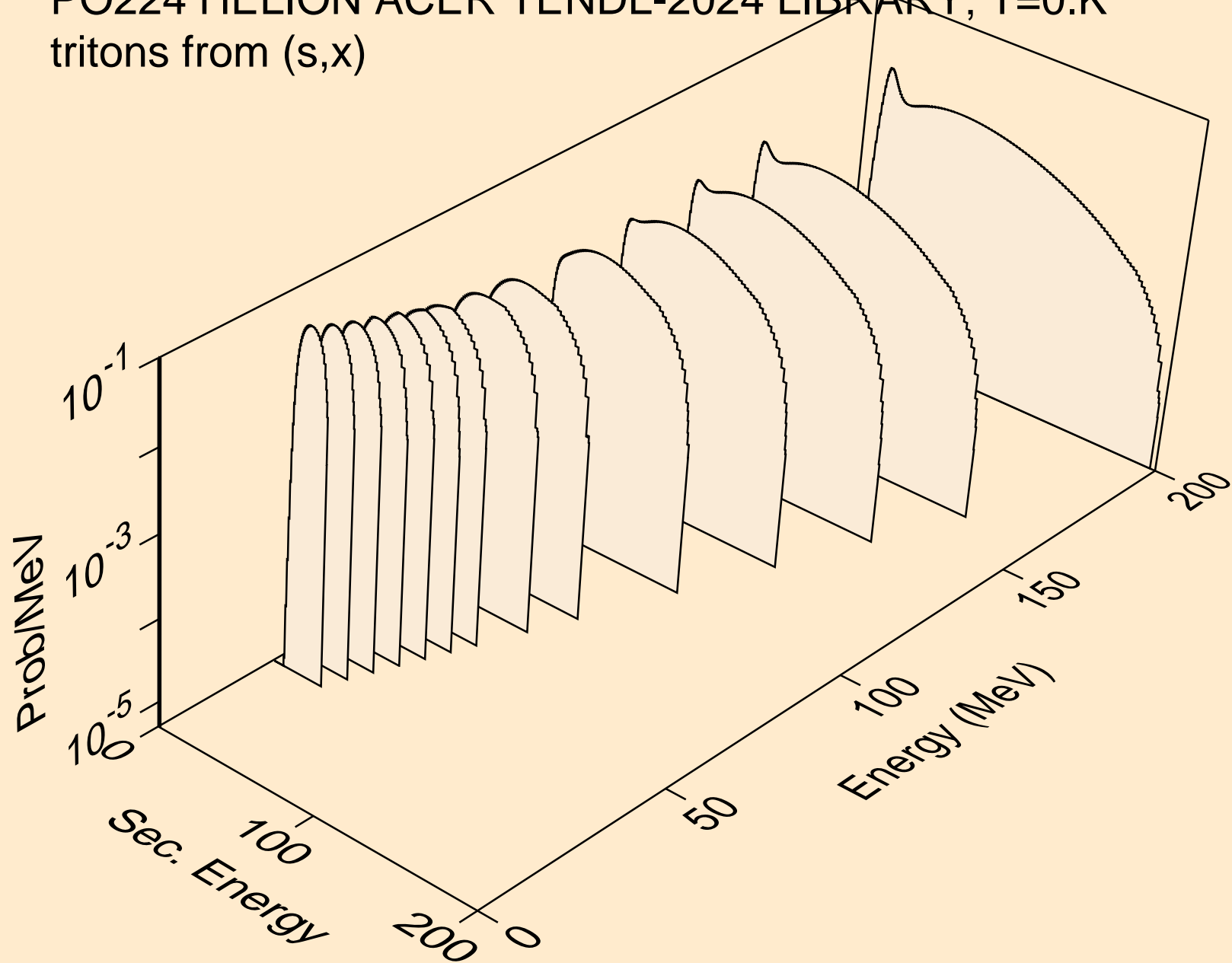
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,d)



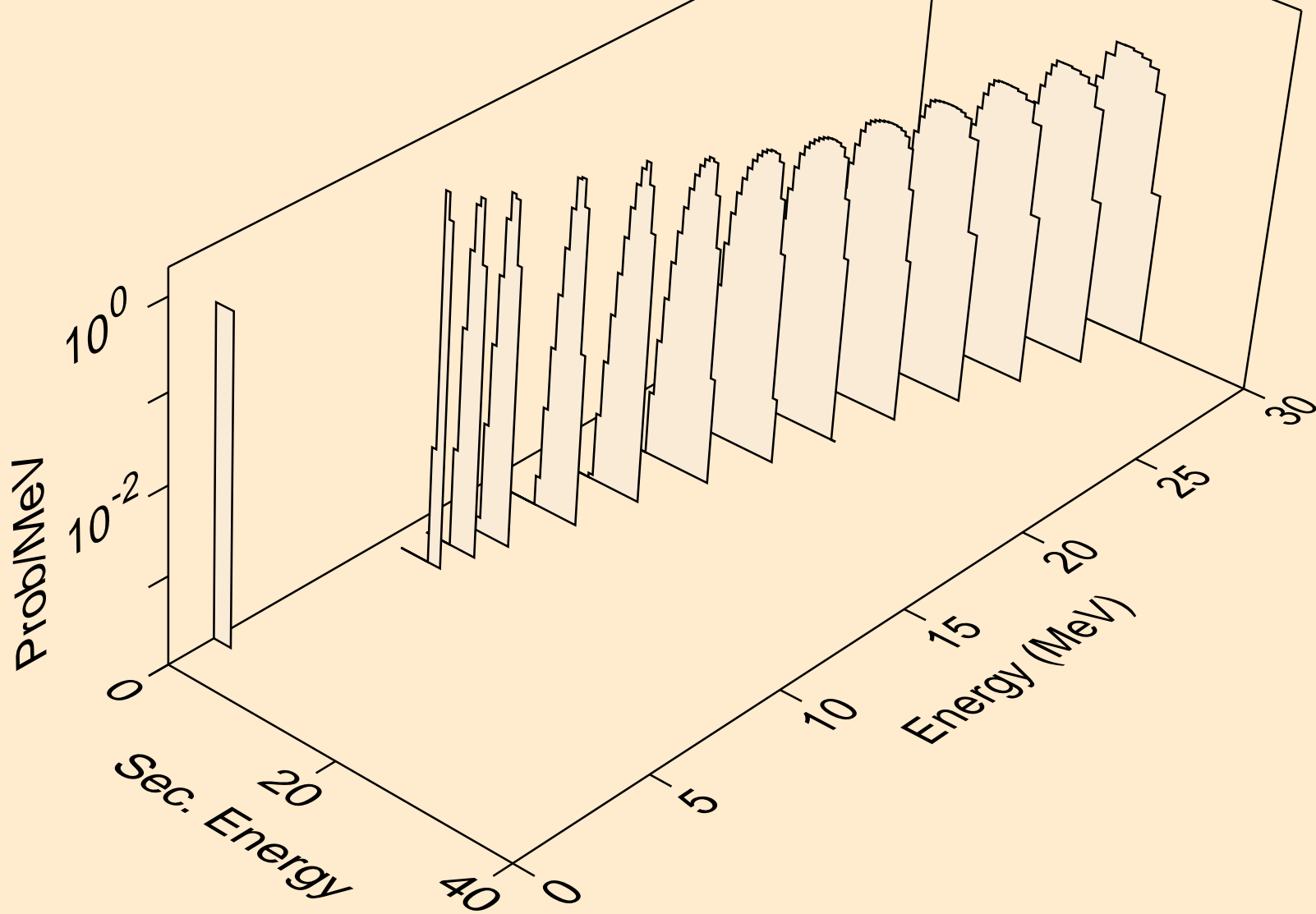
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,pd)



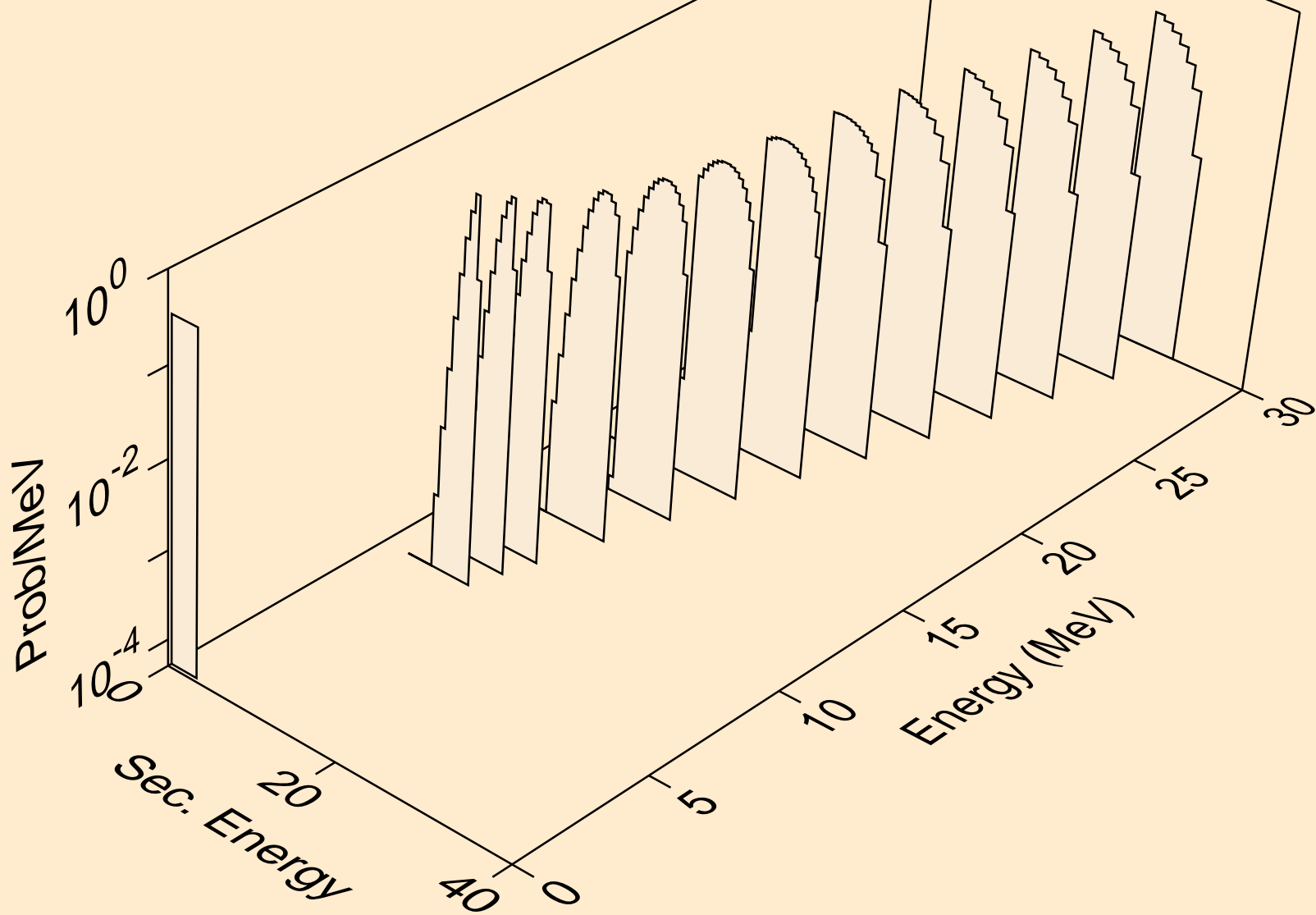
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (s,x)



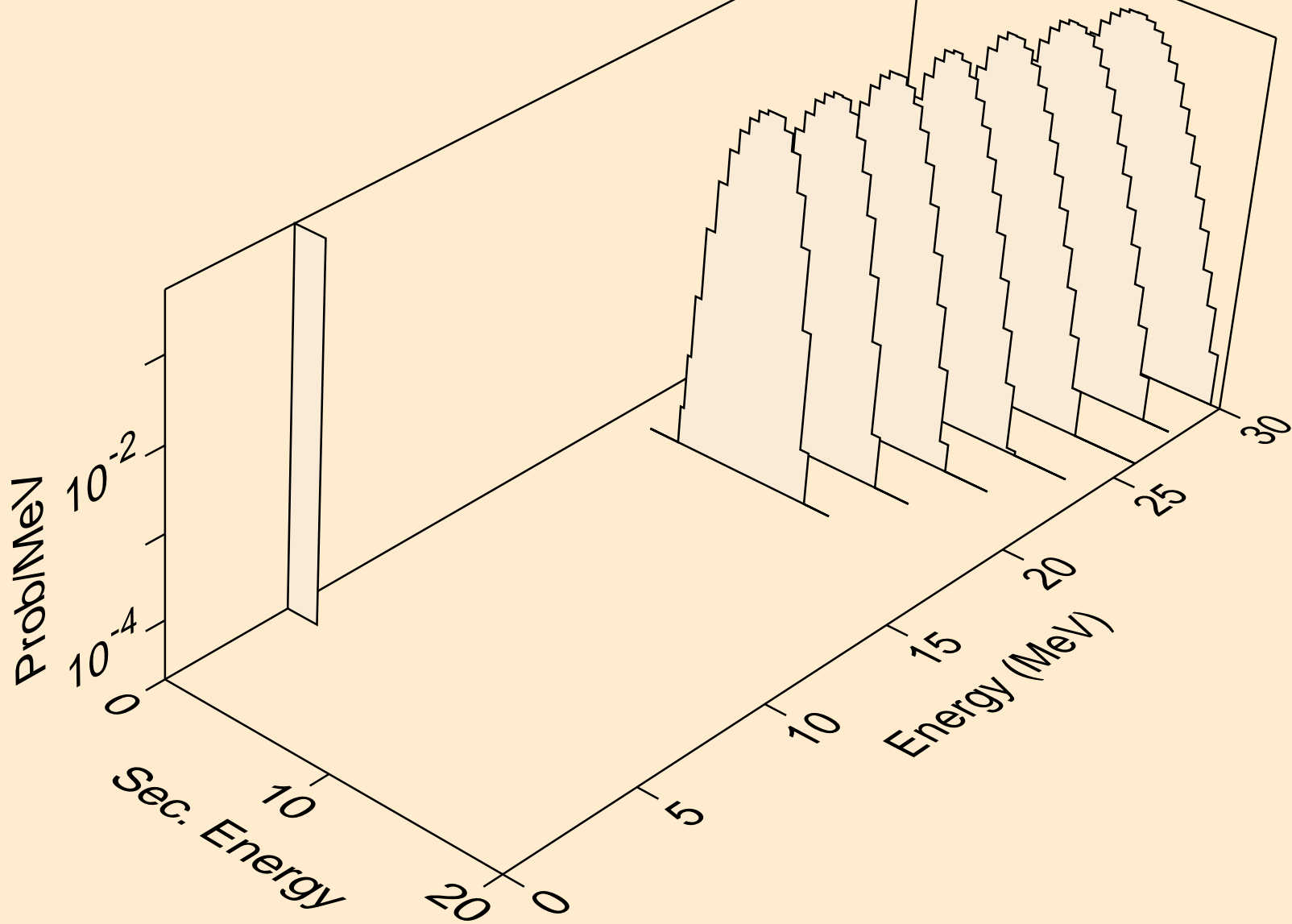
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (s,n\*)t



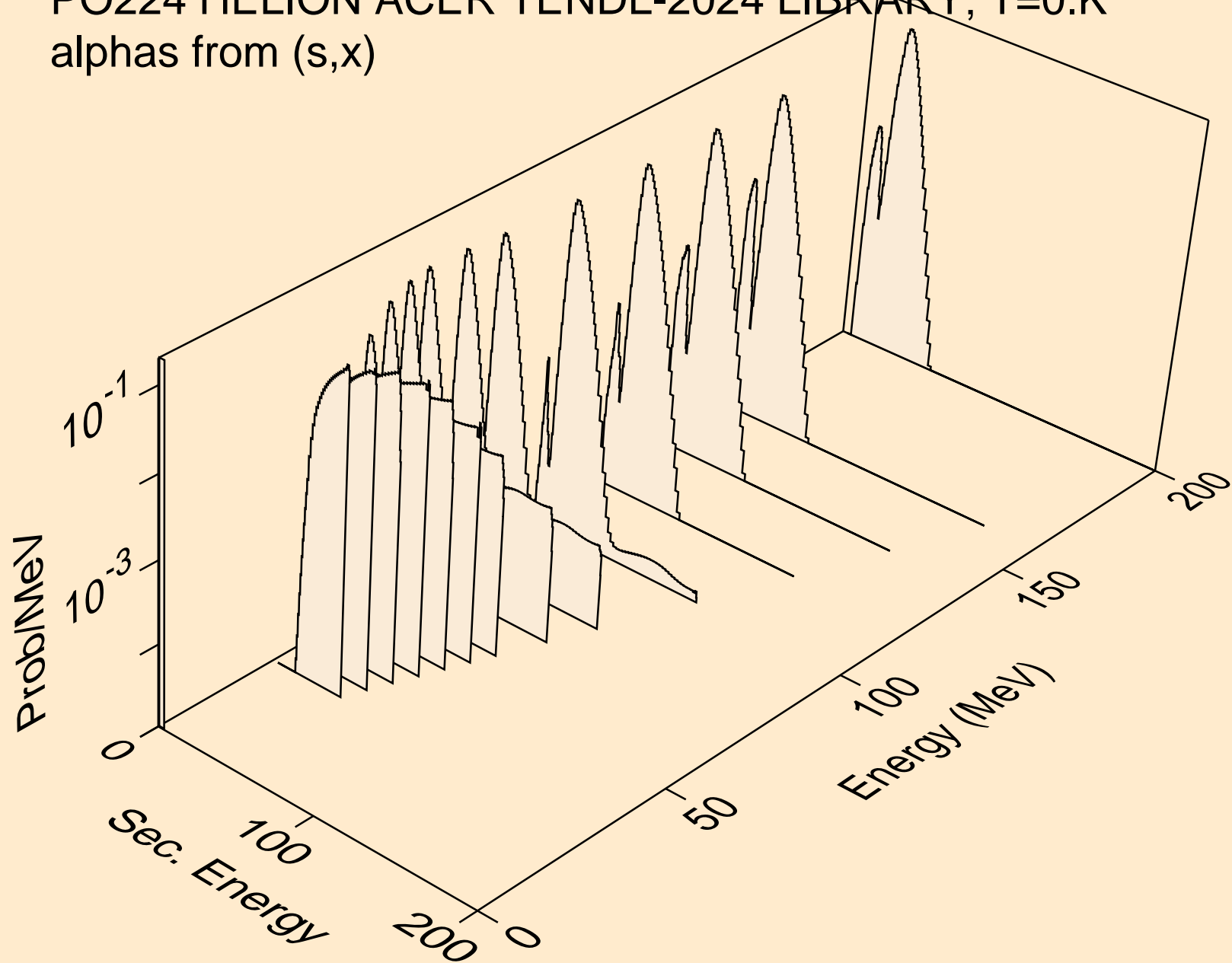
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (s,t)



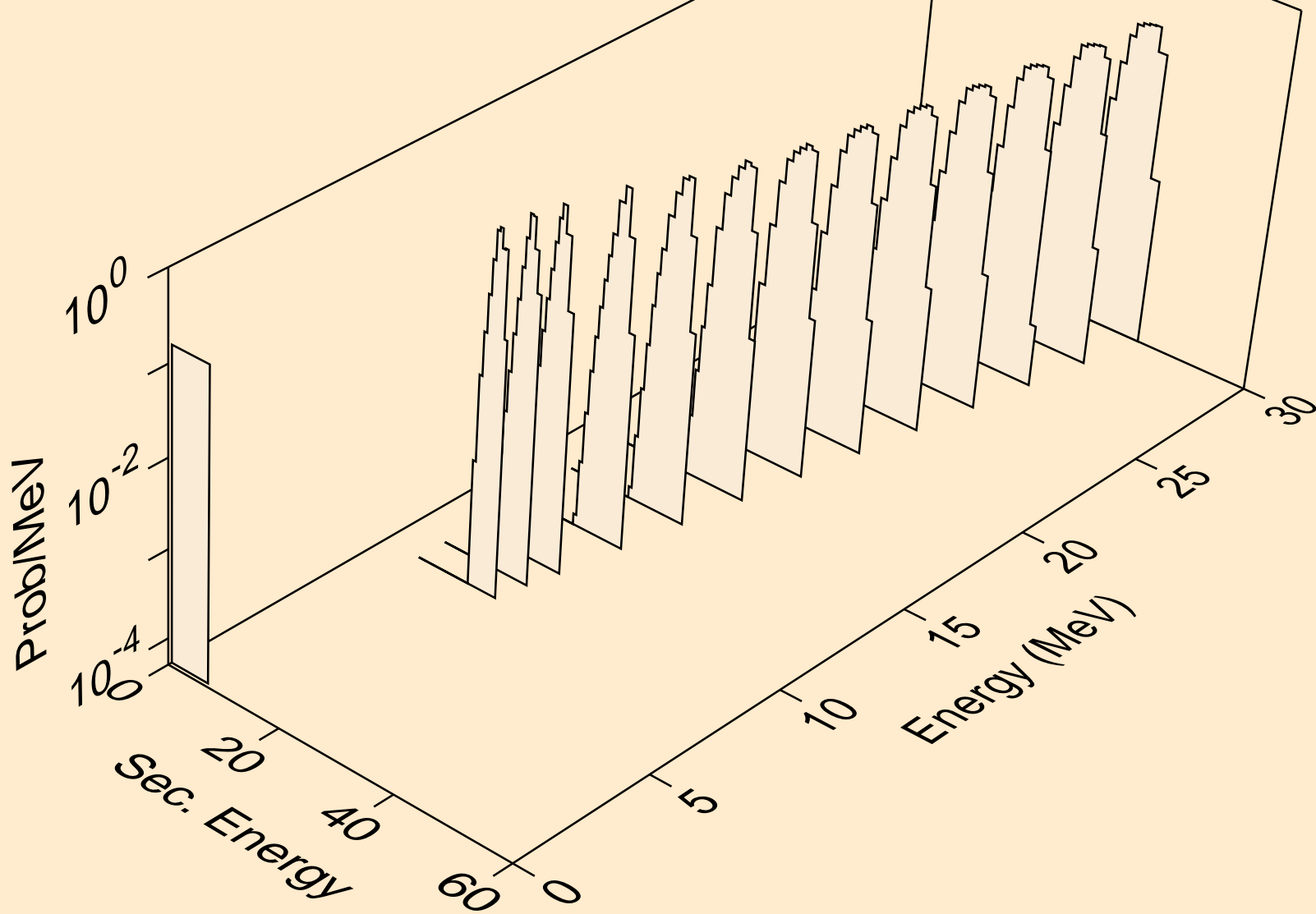
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (s,pt)



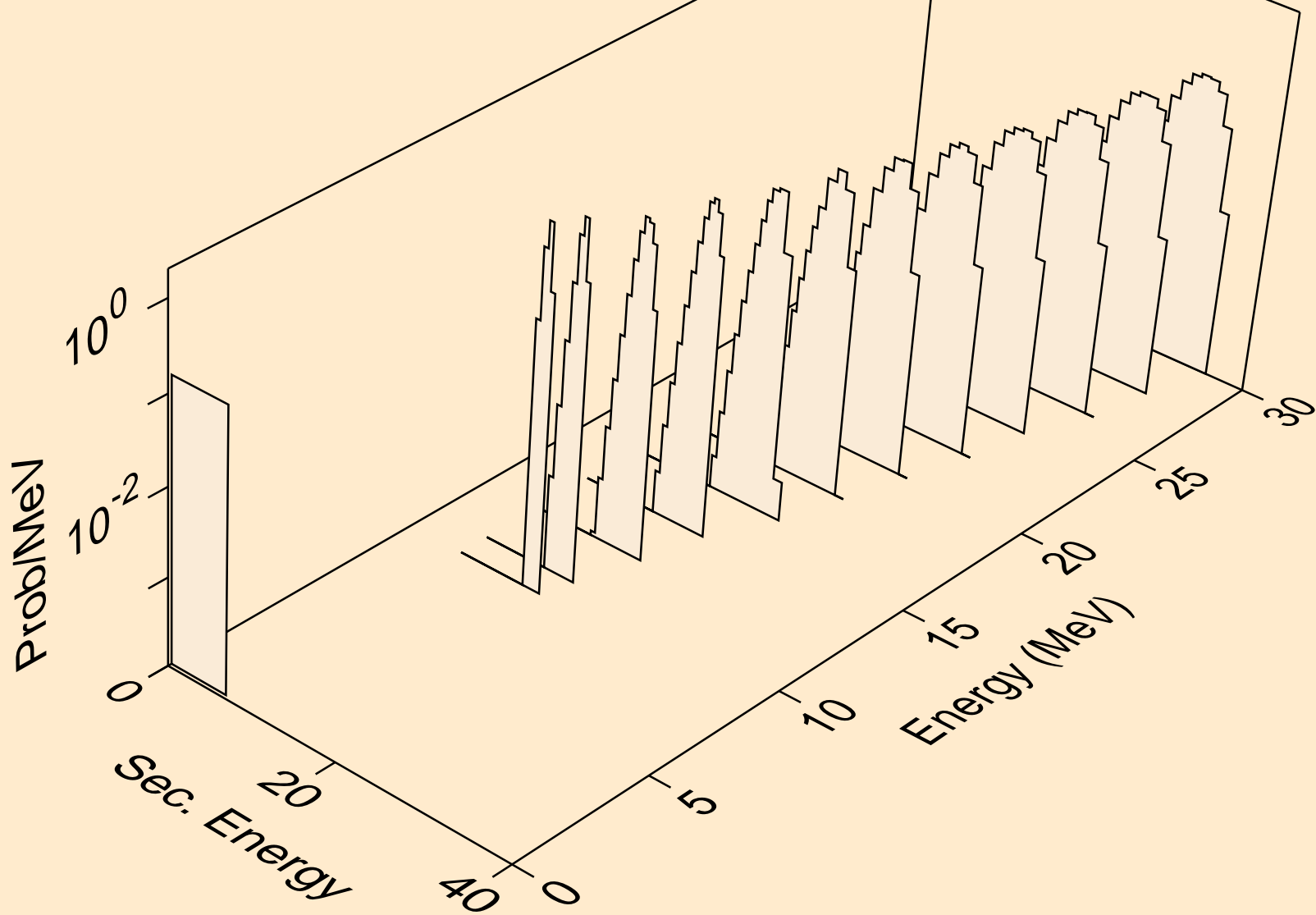
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,x)



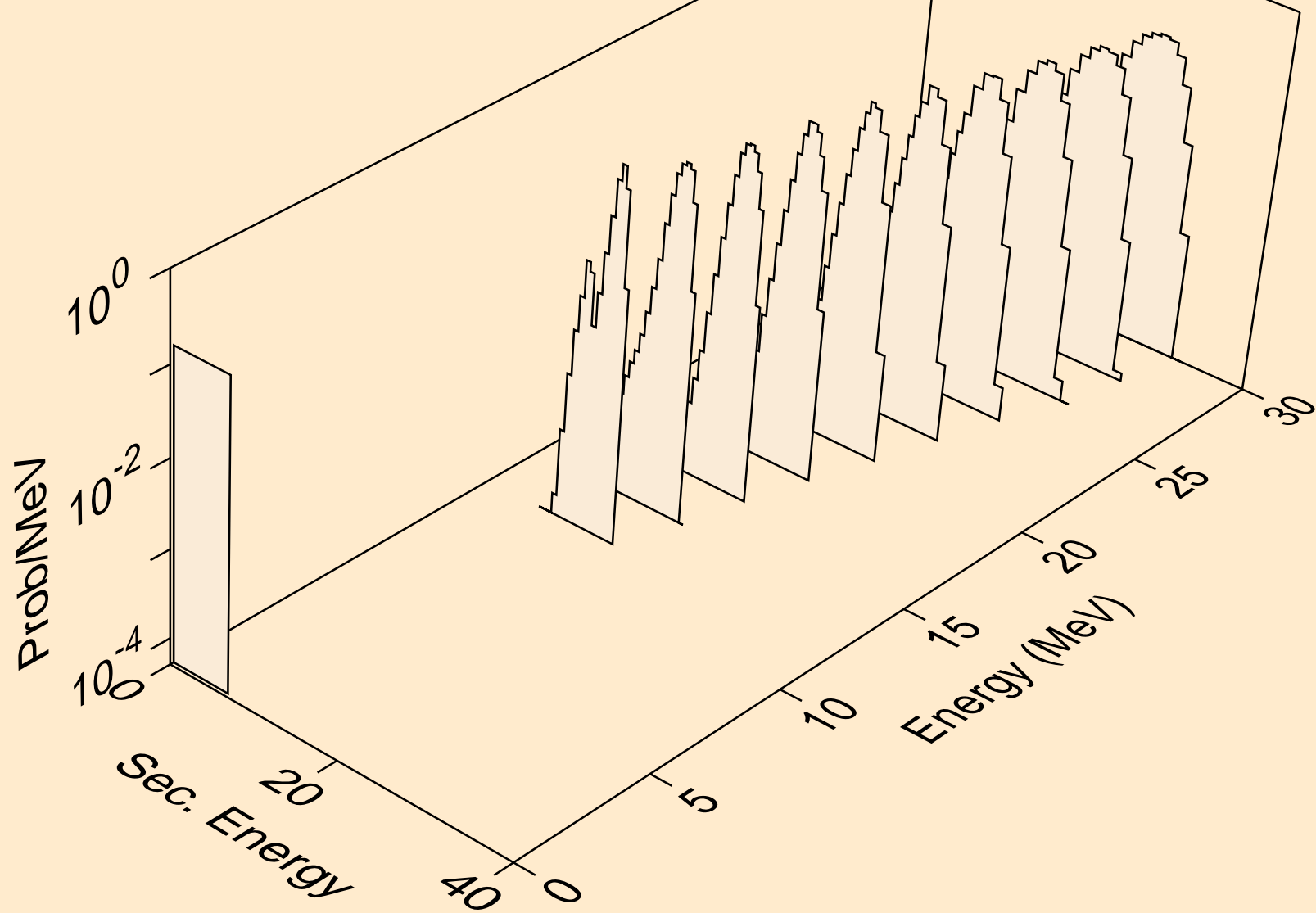
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,n\*)a



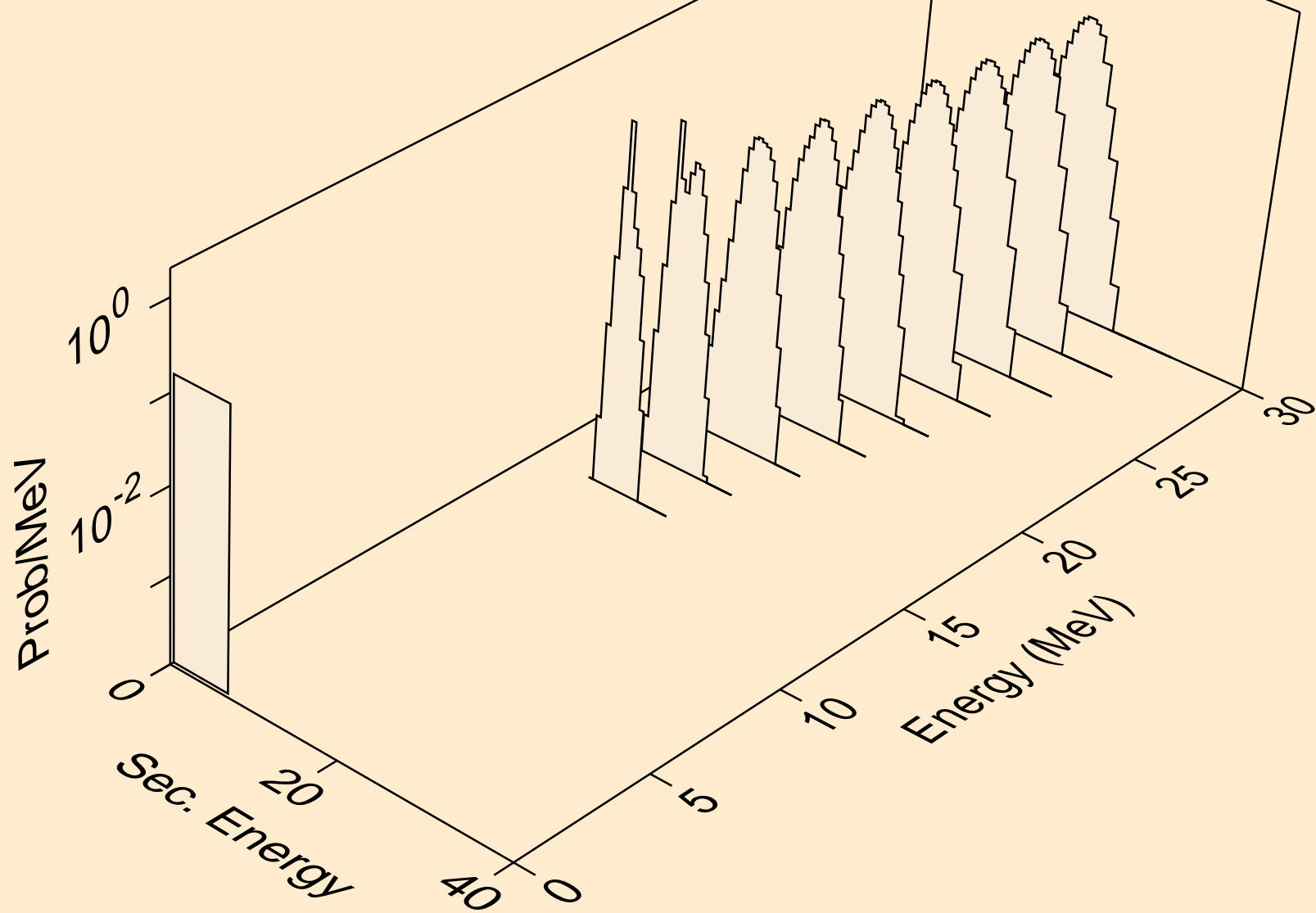
PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,2n)a



PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,3n)a



PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,npa)



PO224 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,a)

