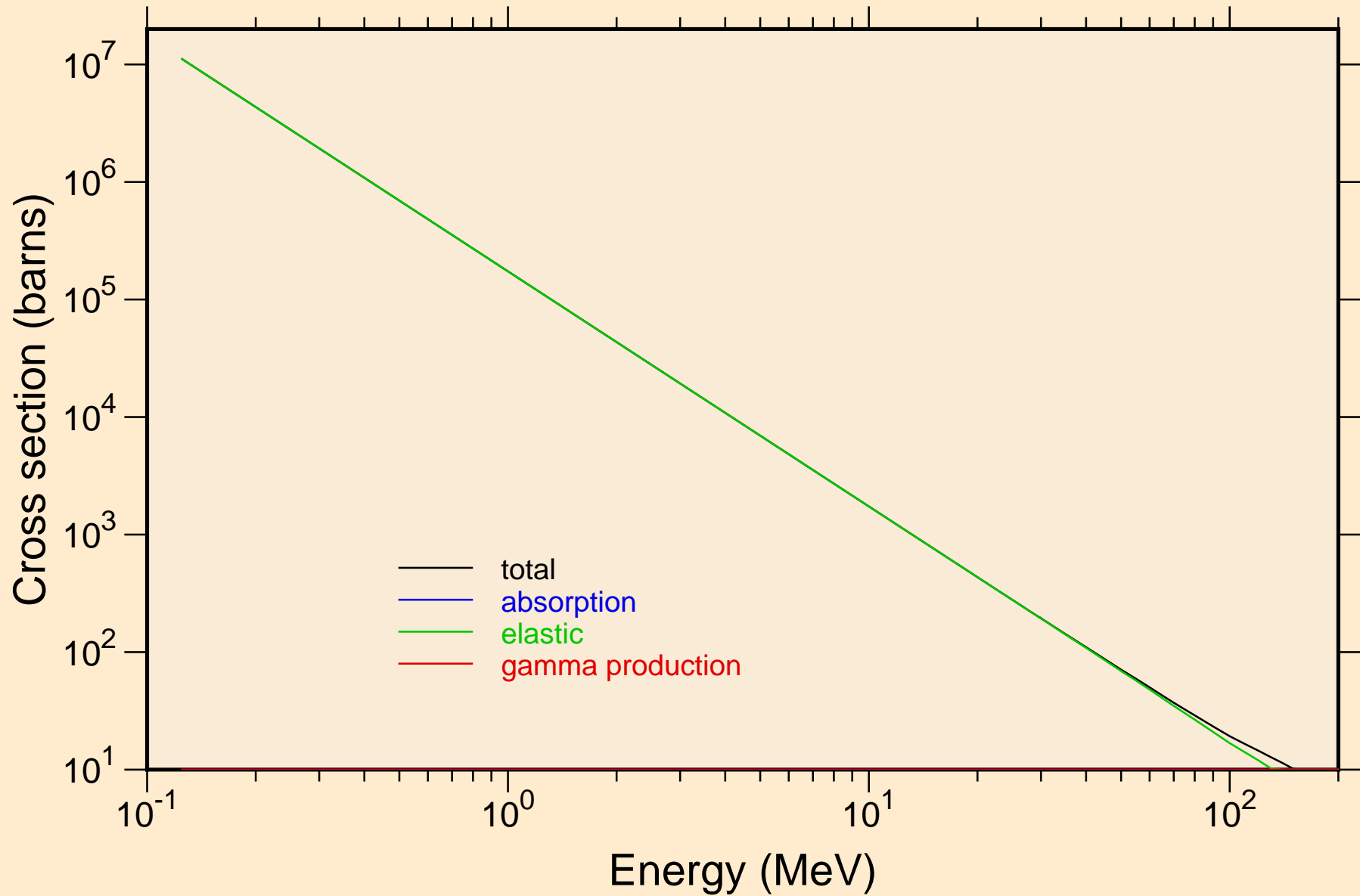
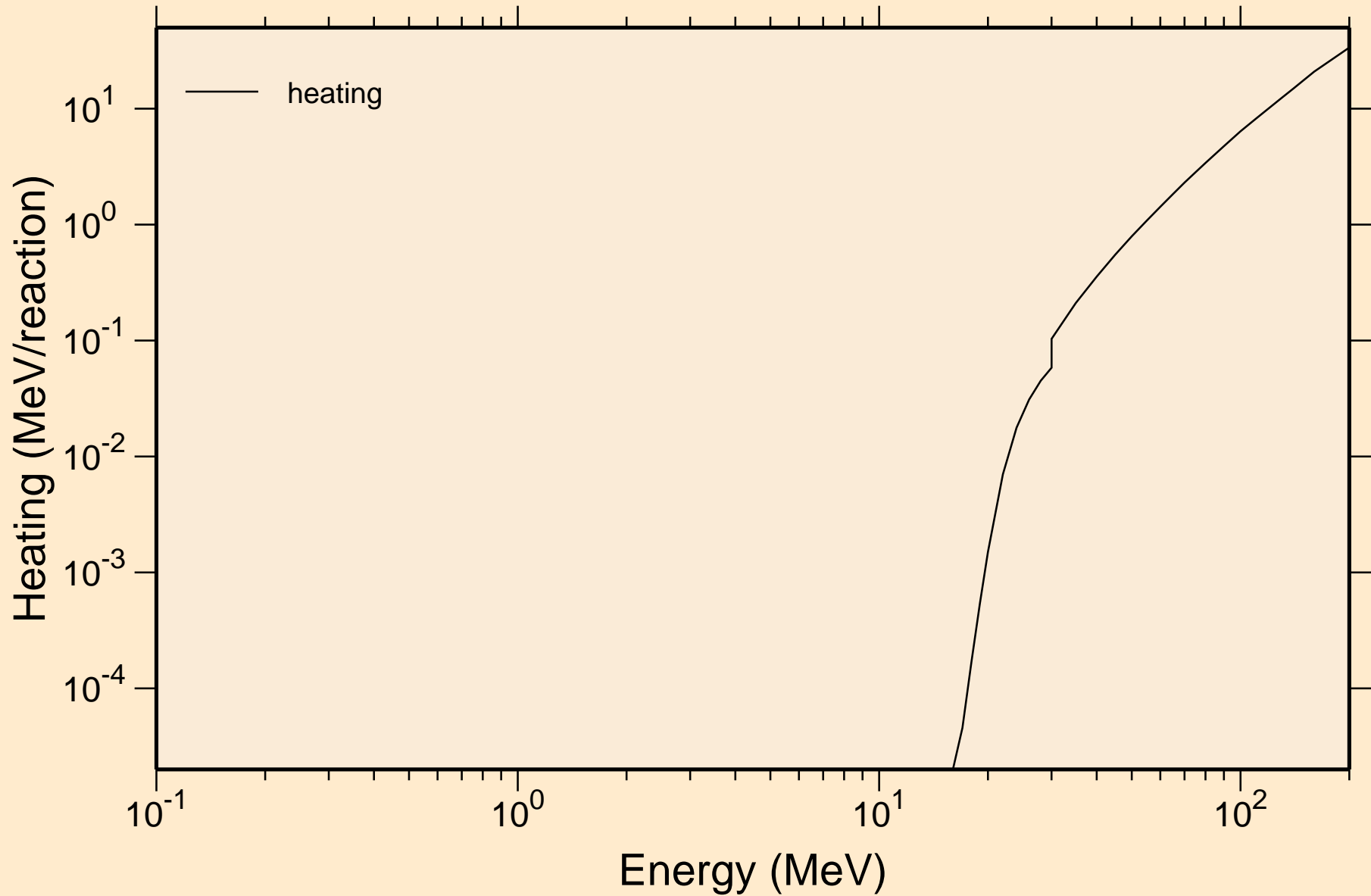


BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
Principal cross sections



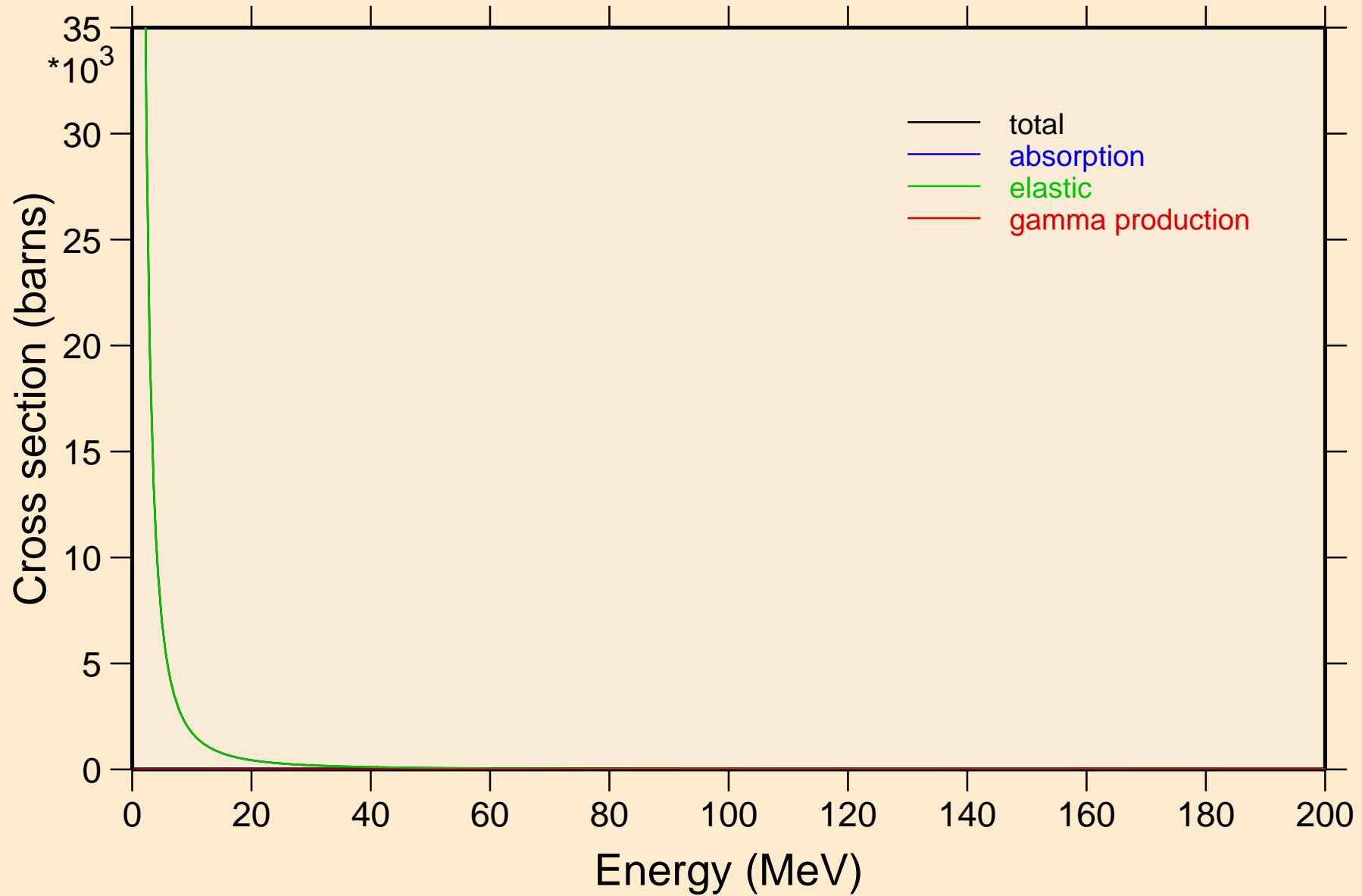
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K

Heating



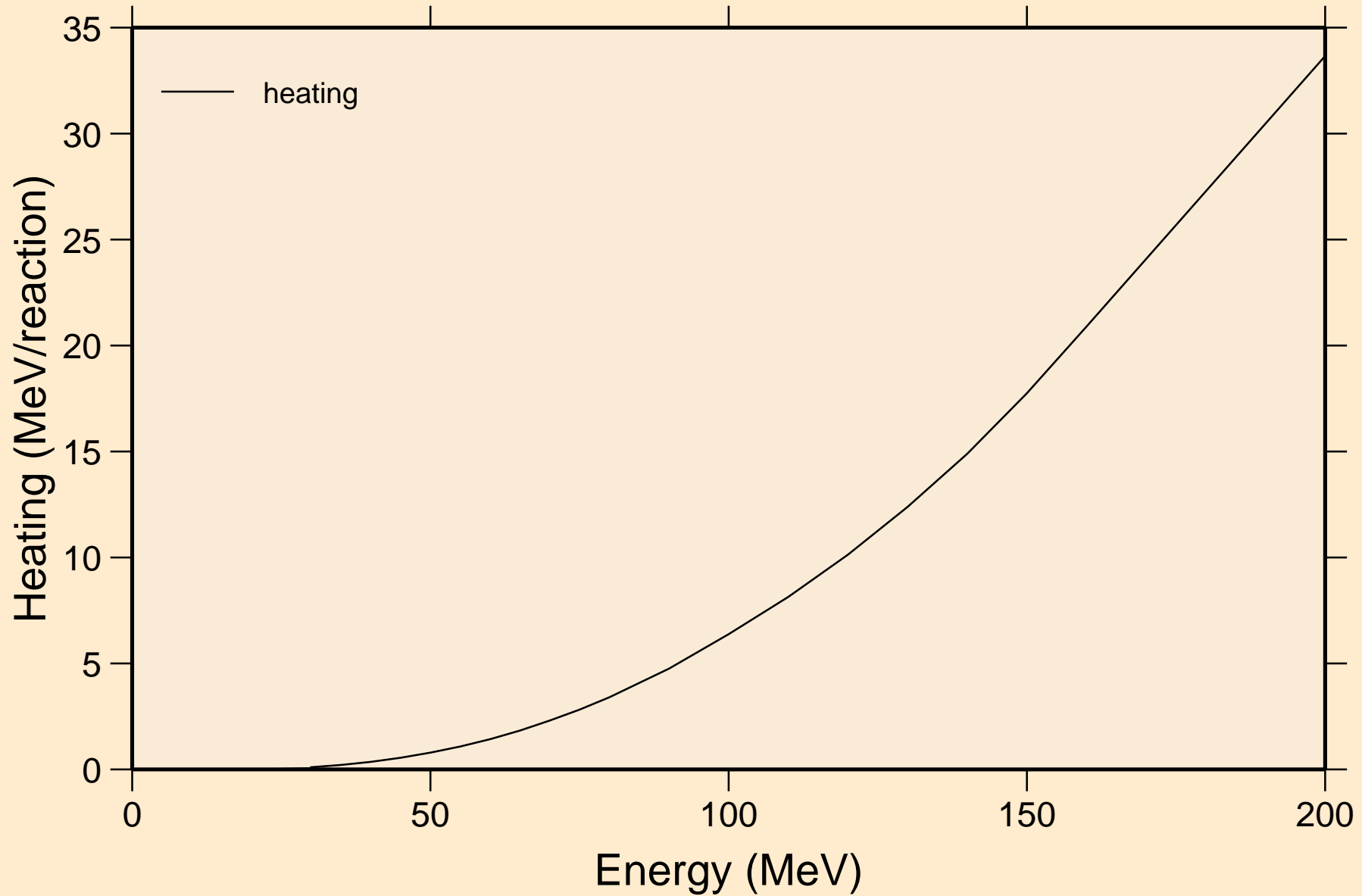
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections

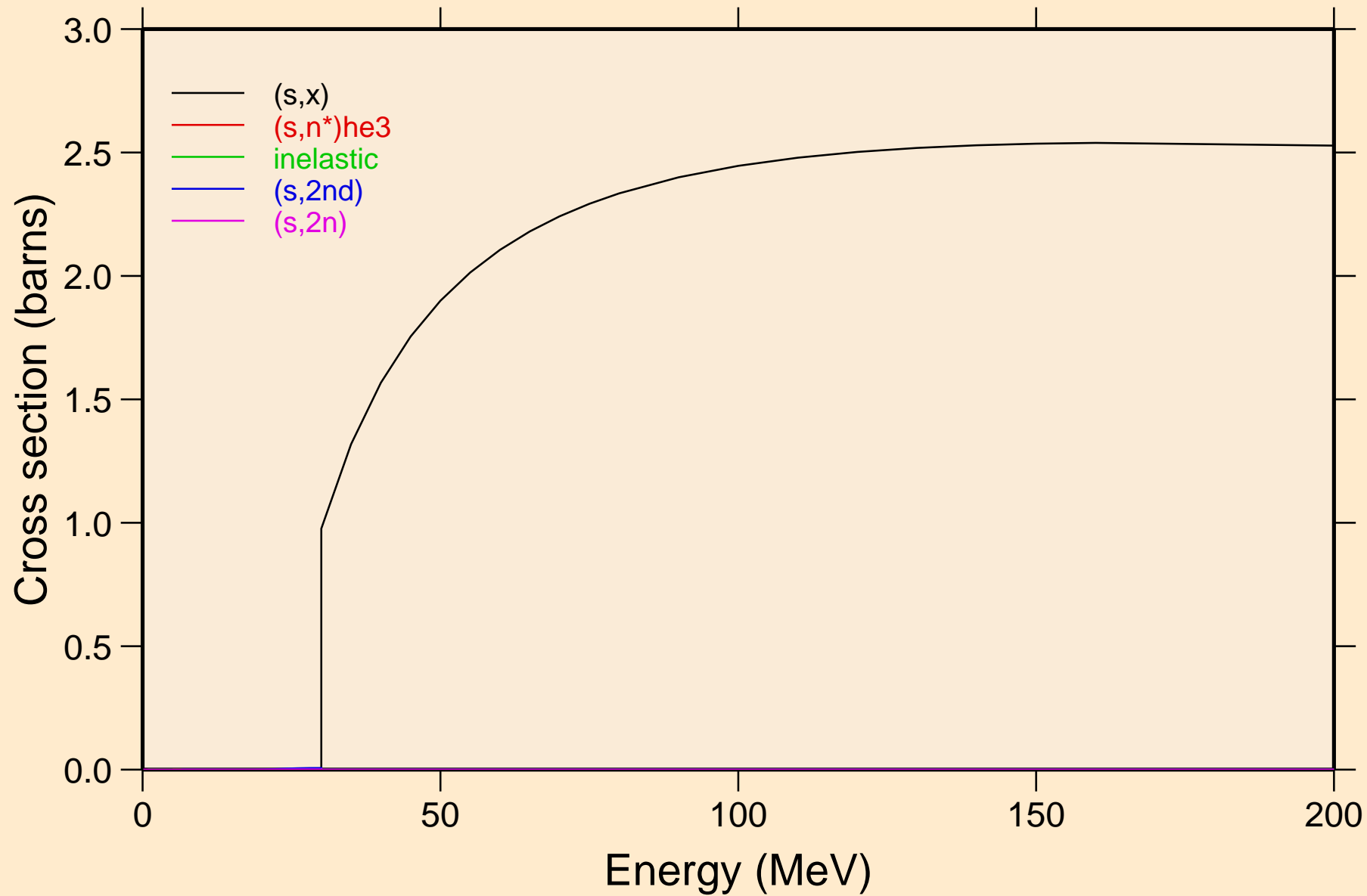


BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K

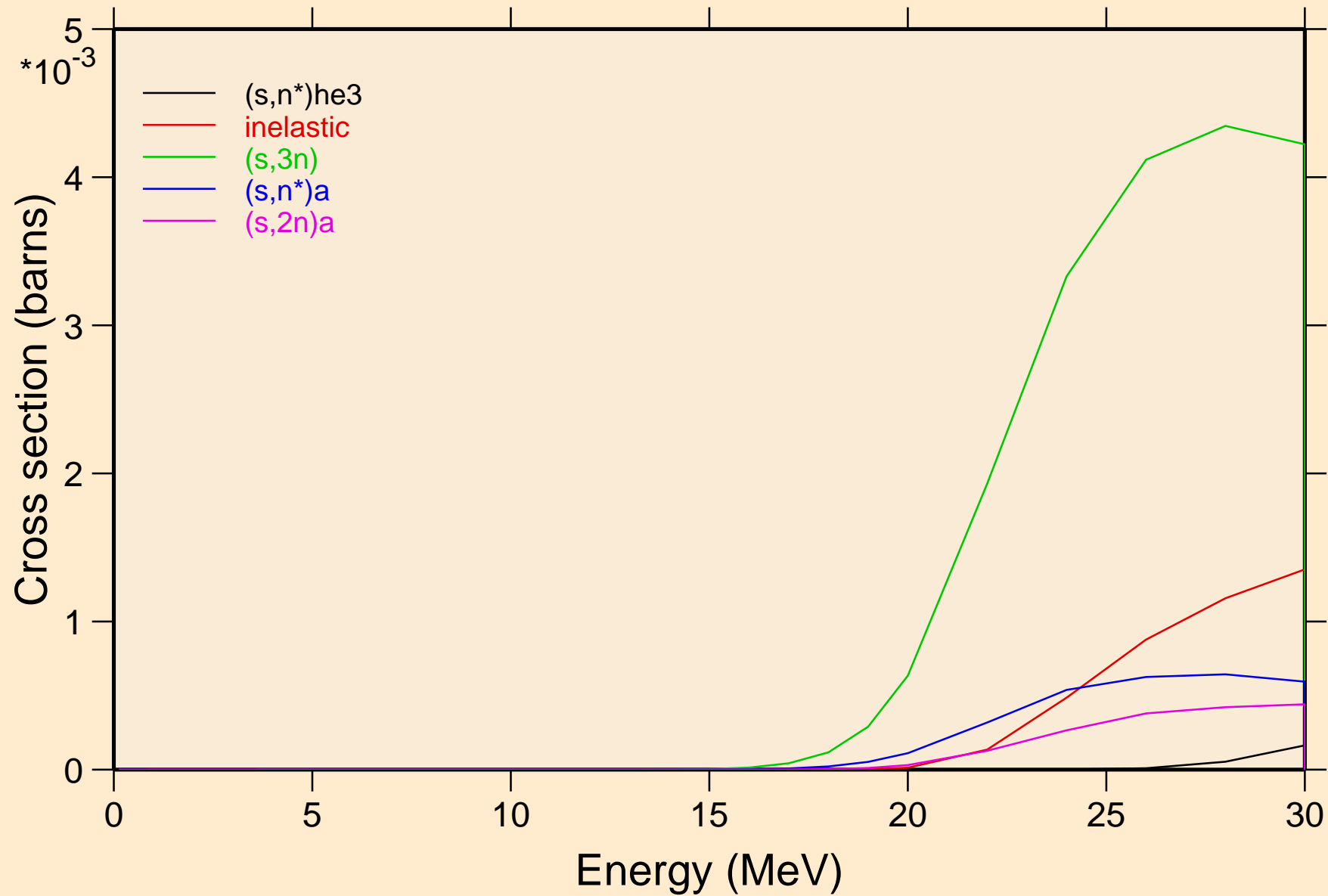
Heating



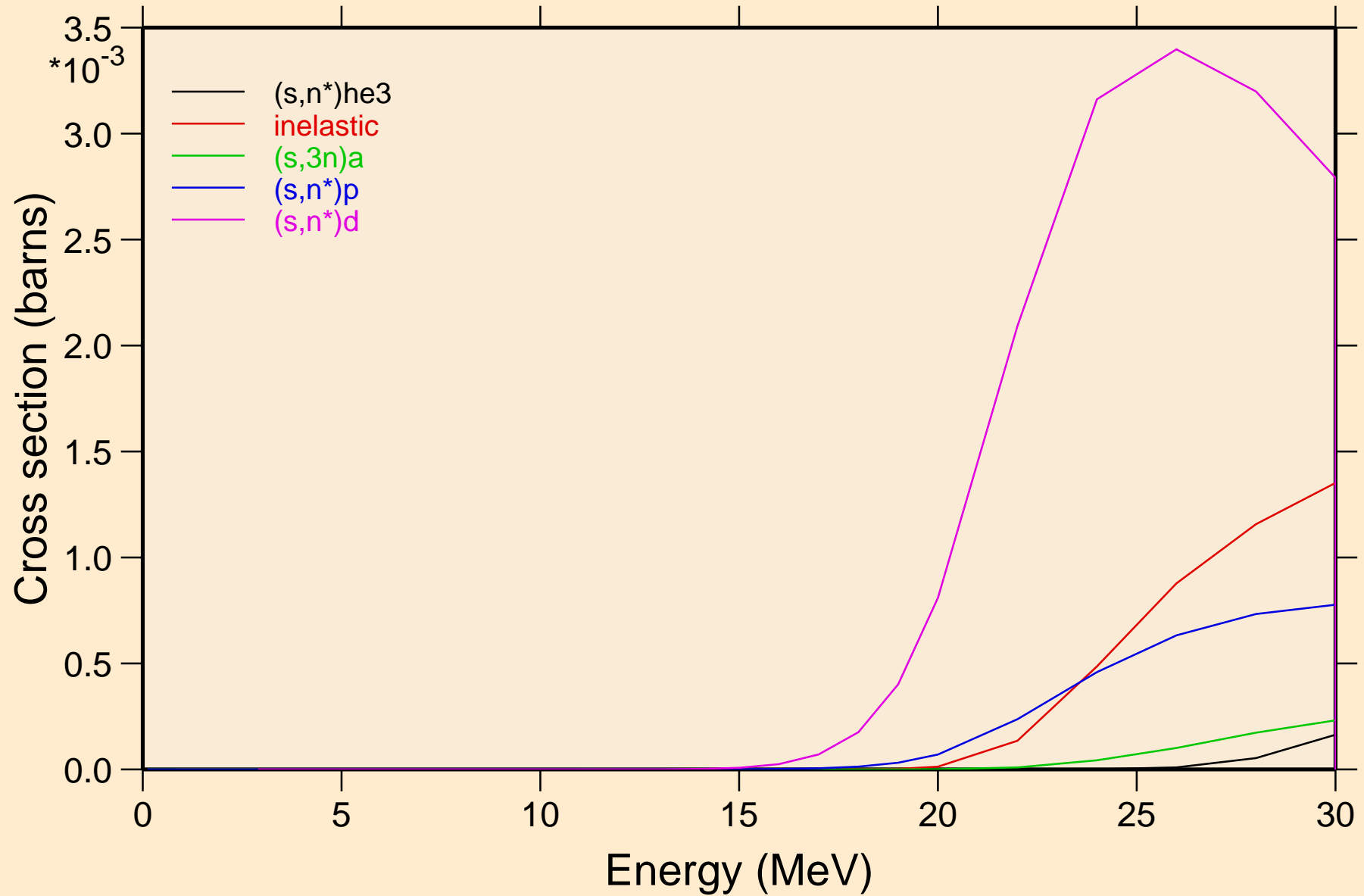
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions



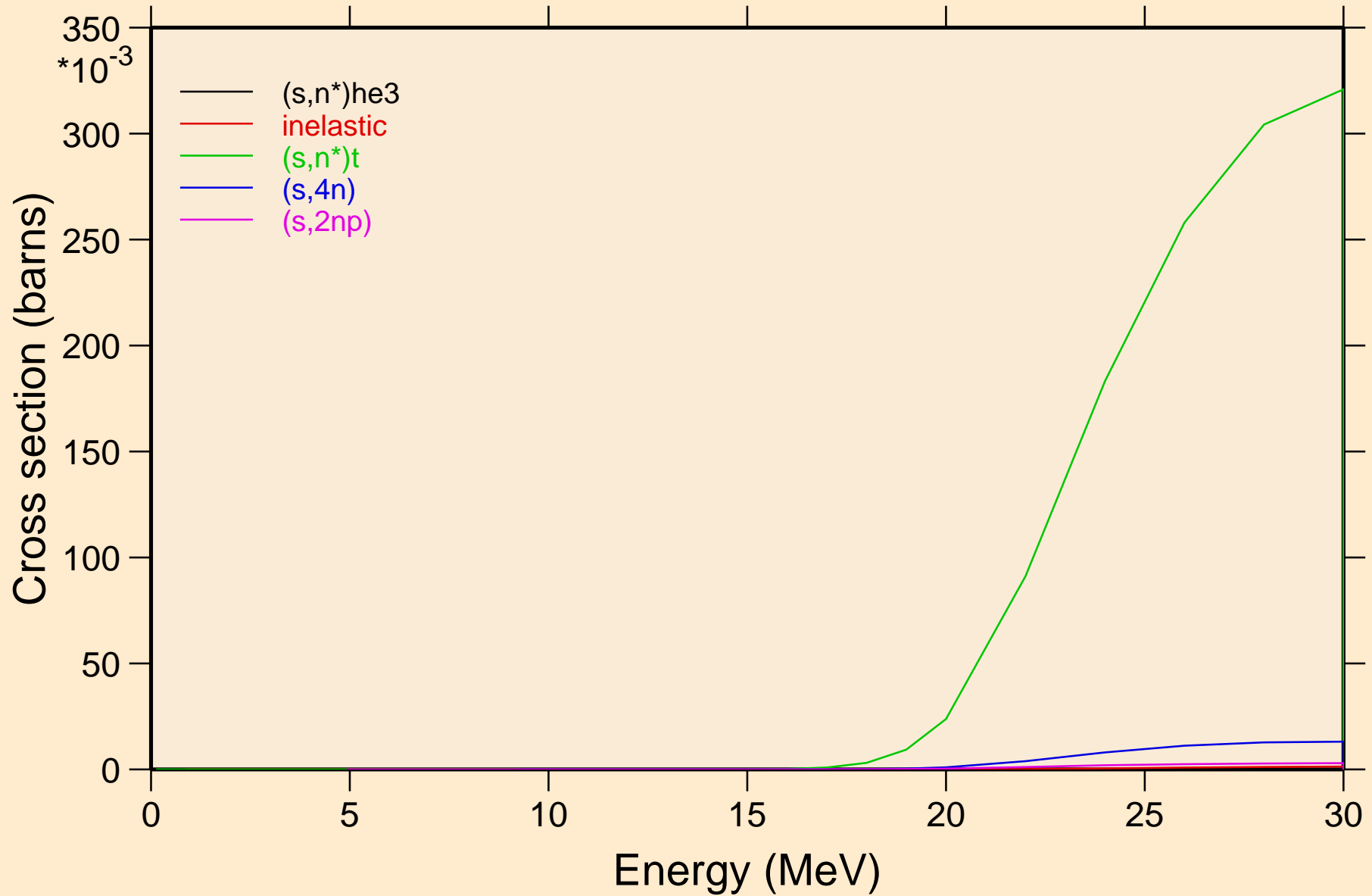
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions



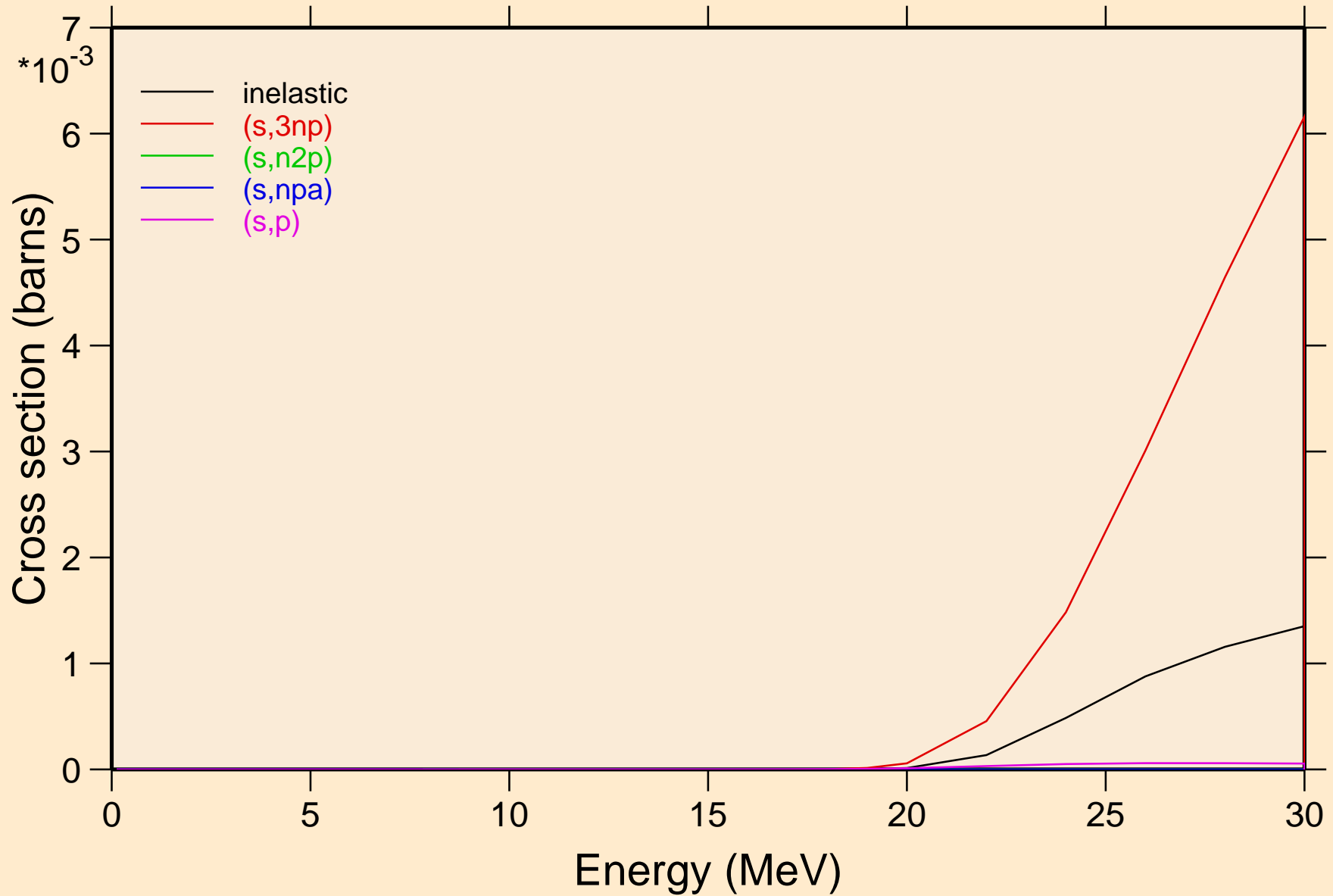
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions



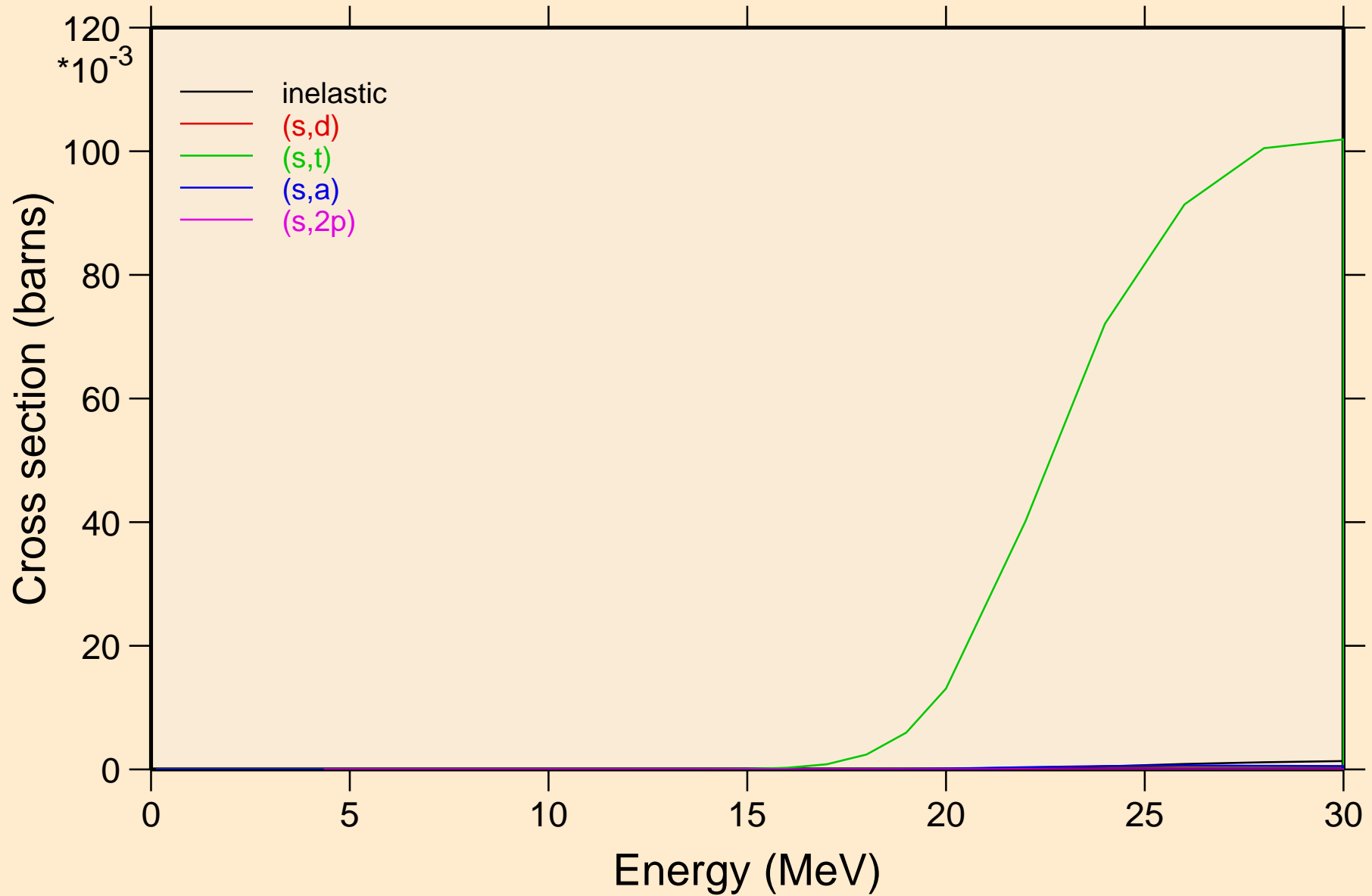
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions



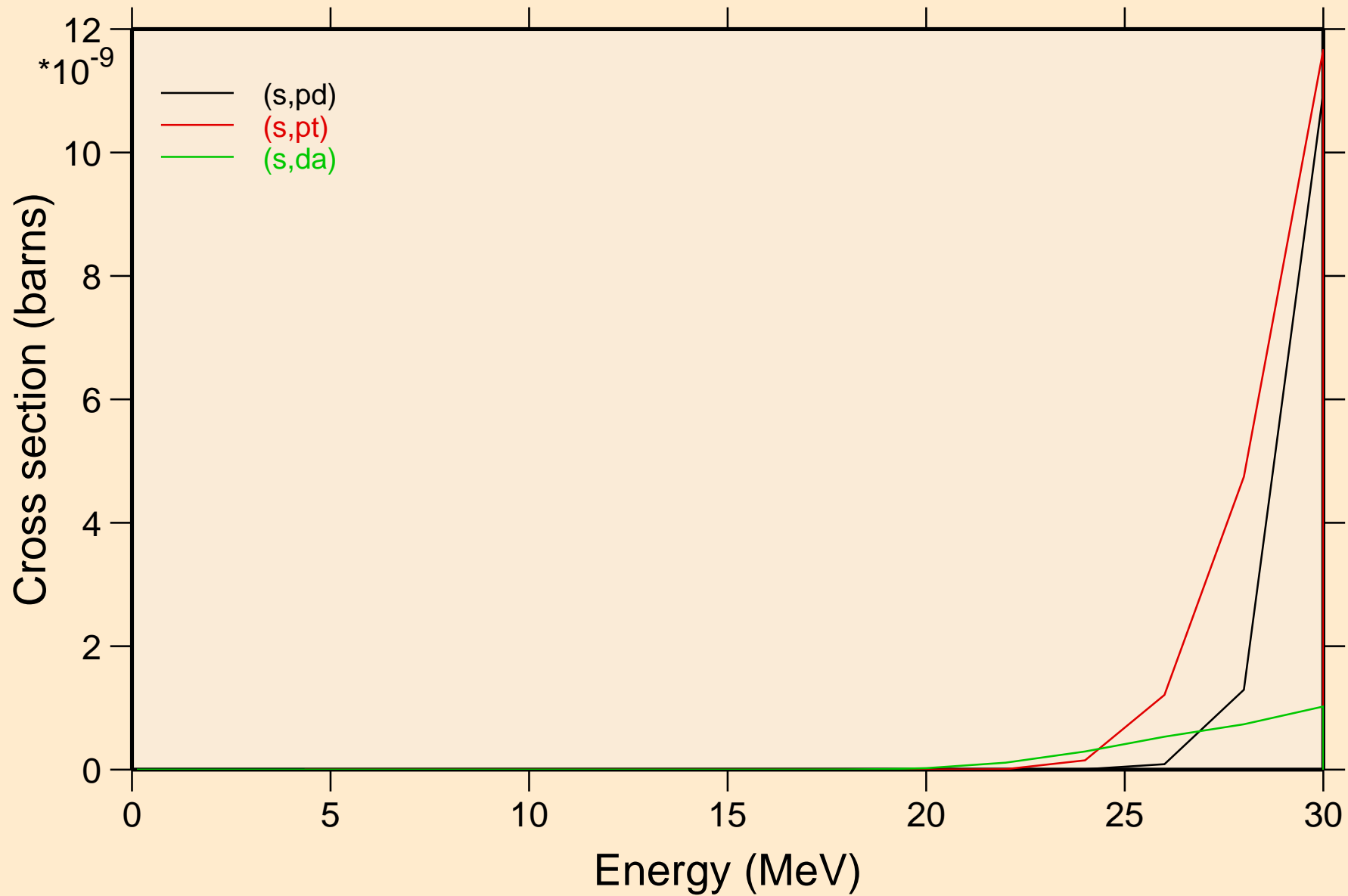
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions



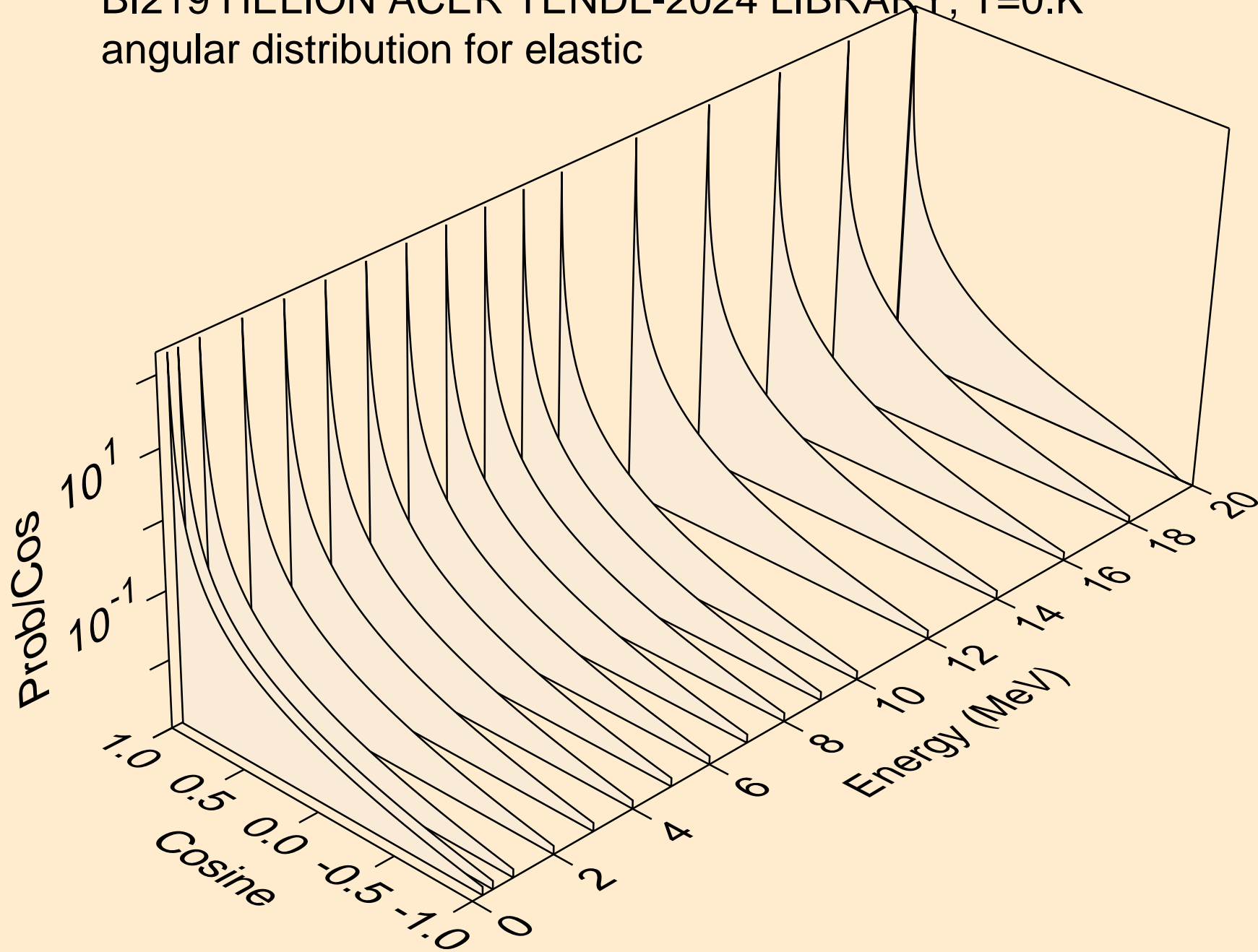
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions



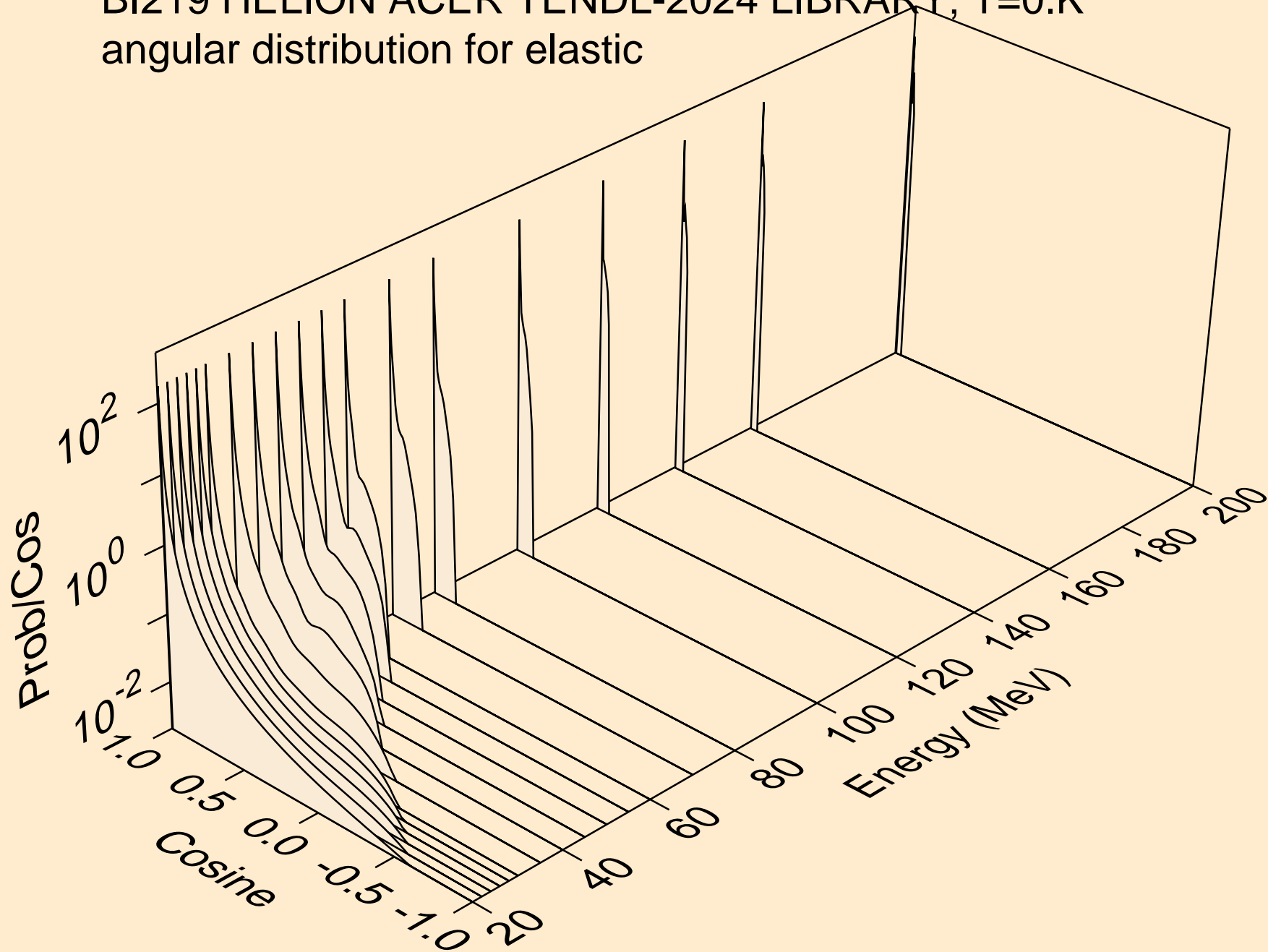
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions



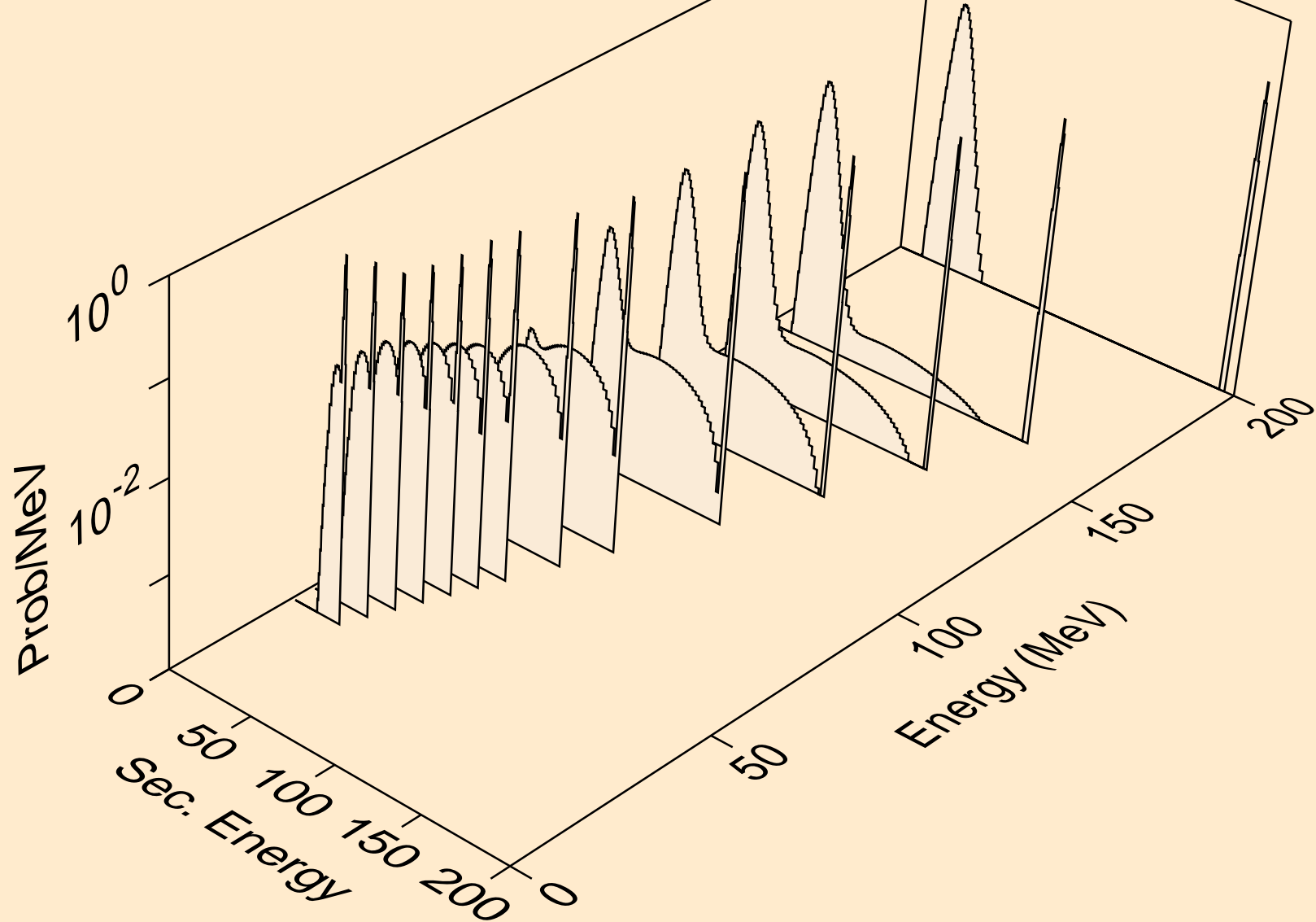
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic



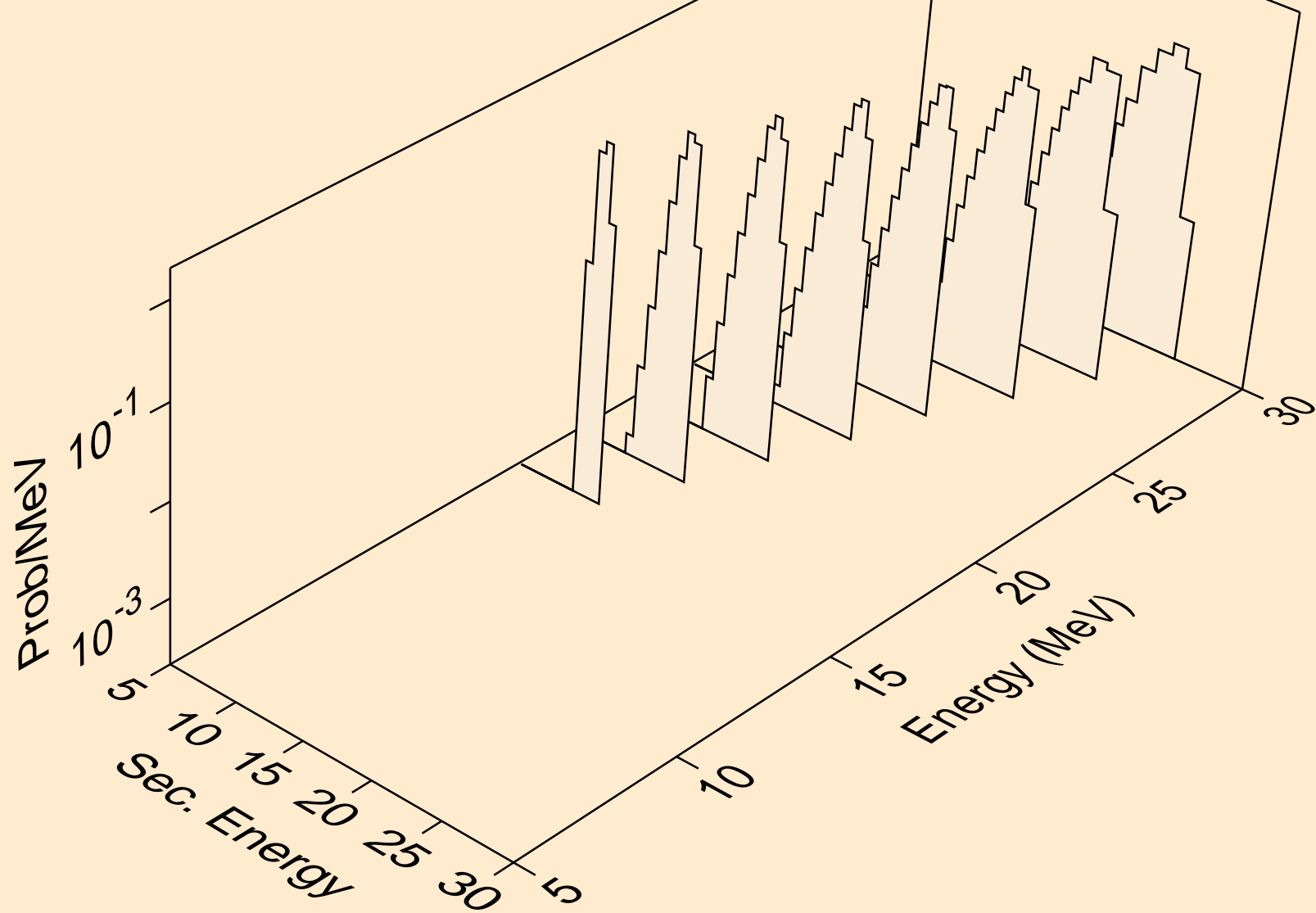
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic



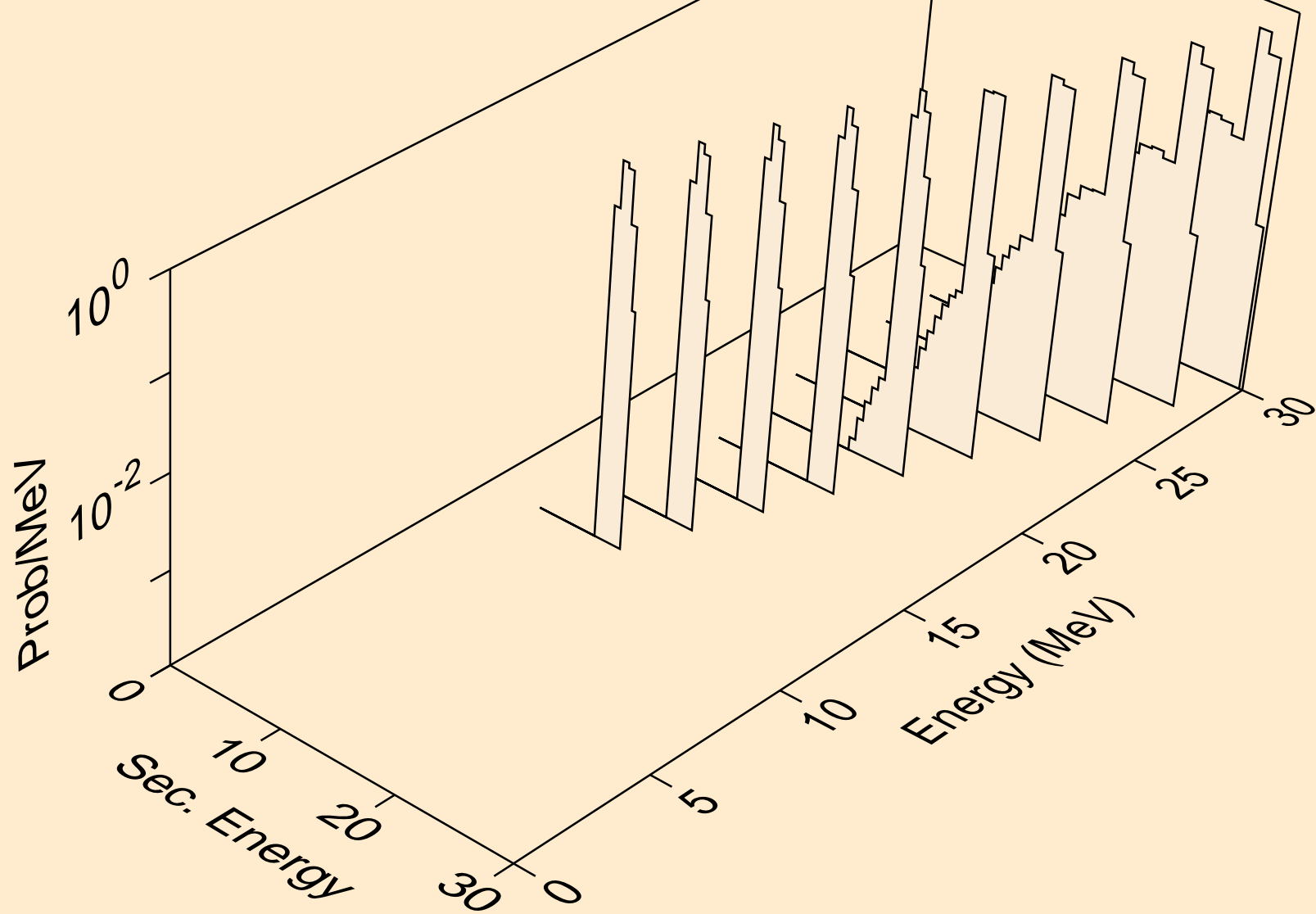
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
He-3 emission for (s,x)



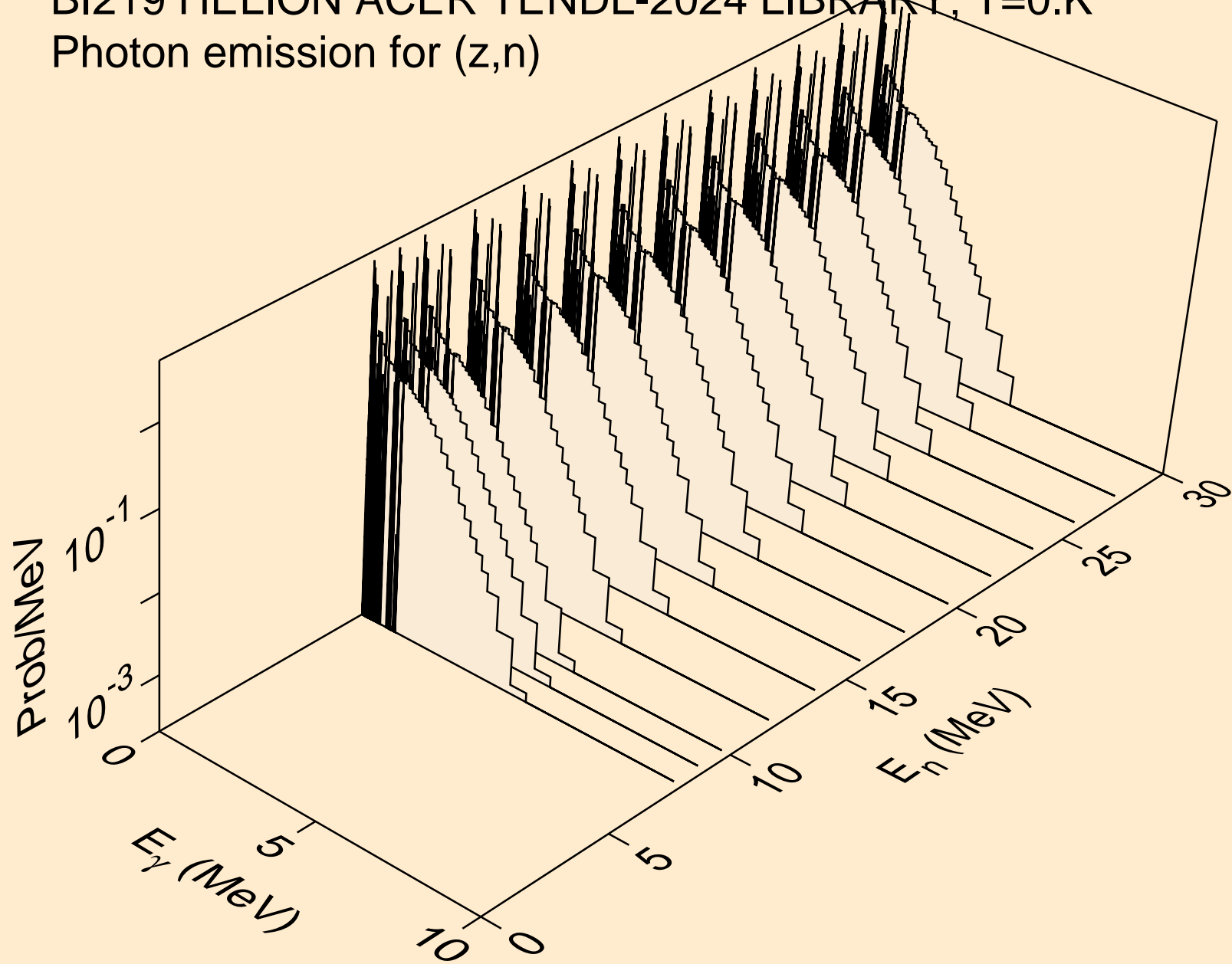
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
He-3 emission for (s,n*)he3



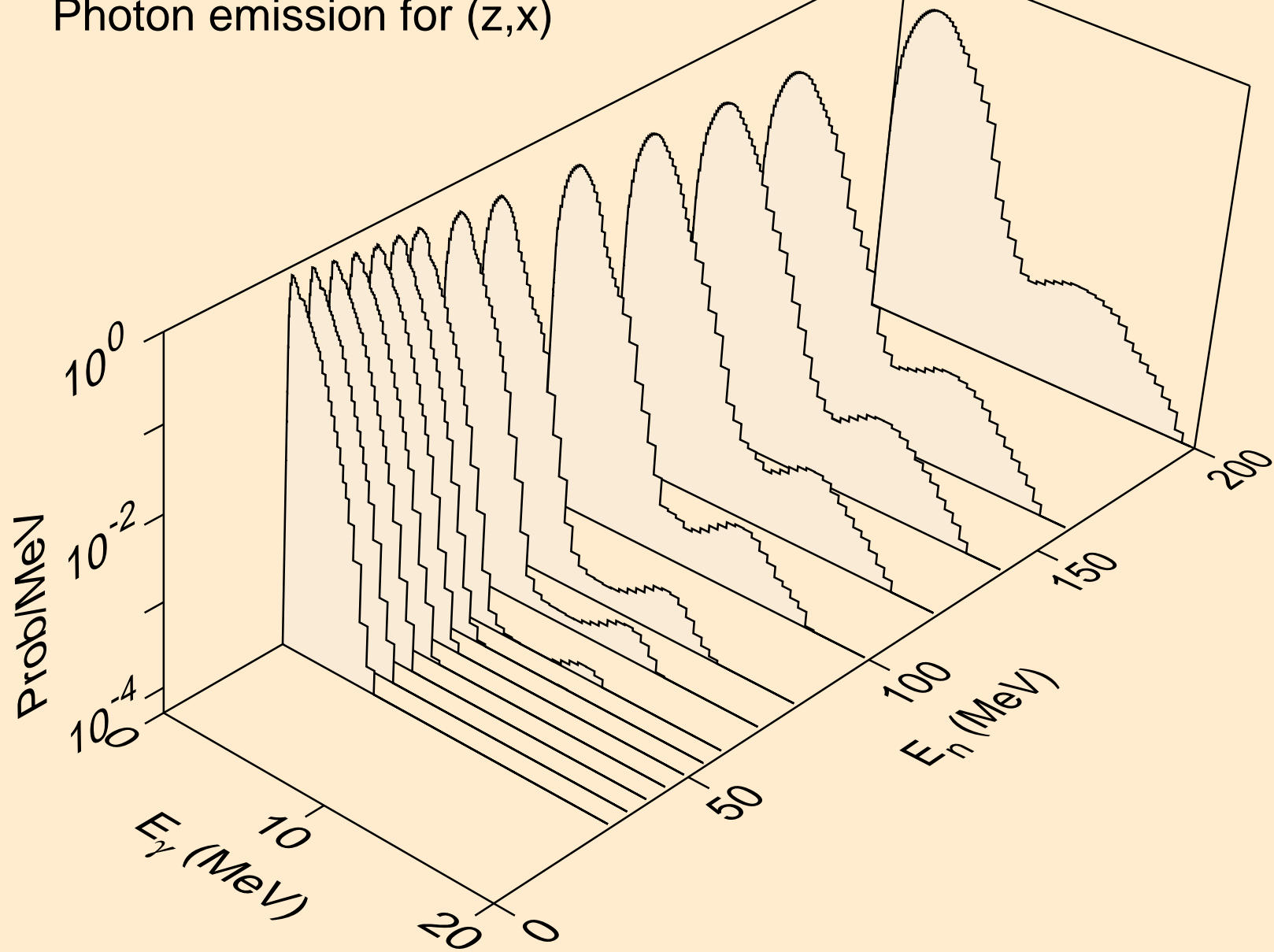
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
He-3 emission for inelastic



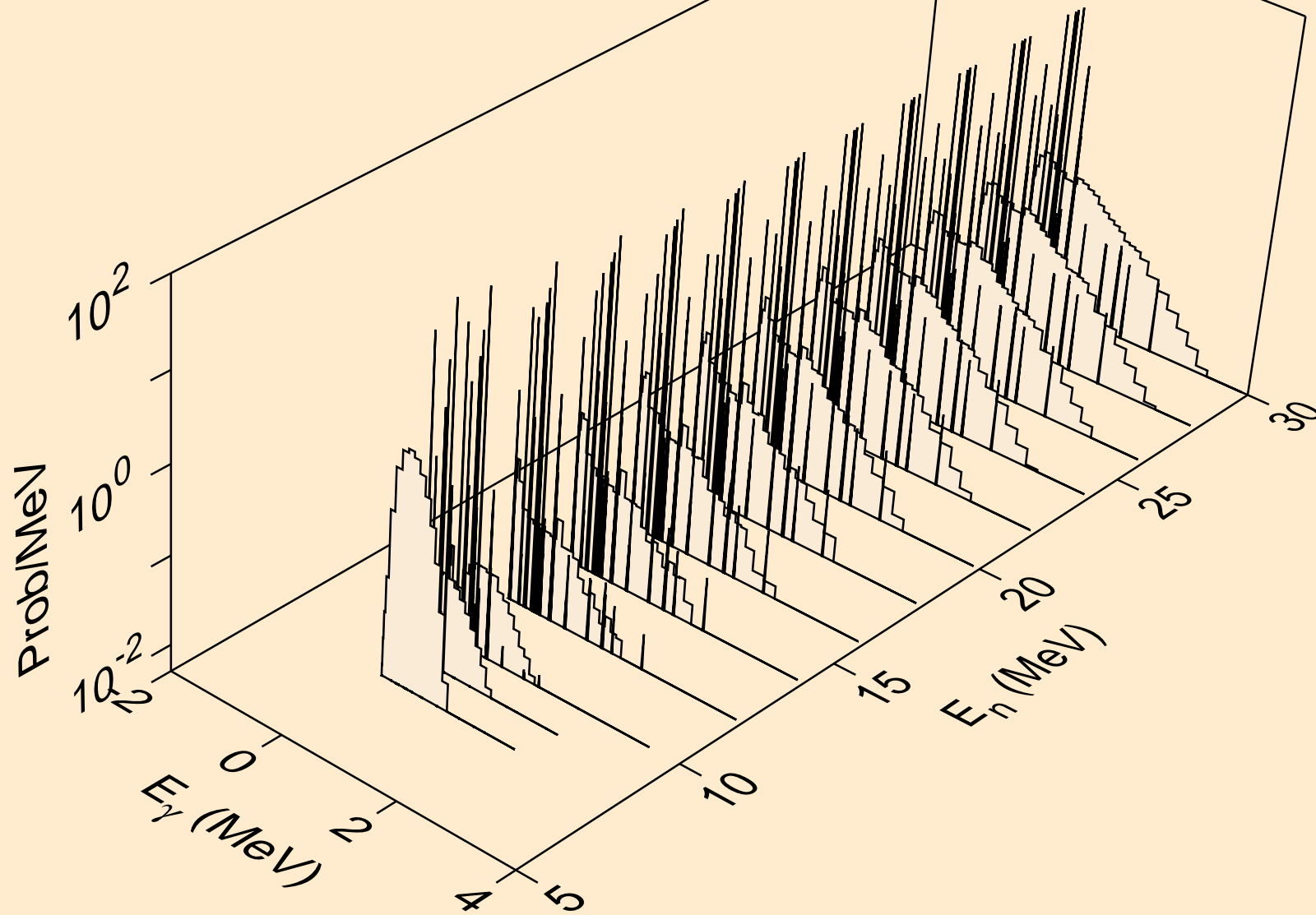
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (z,n)



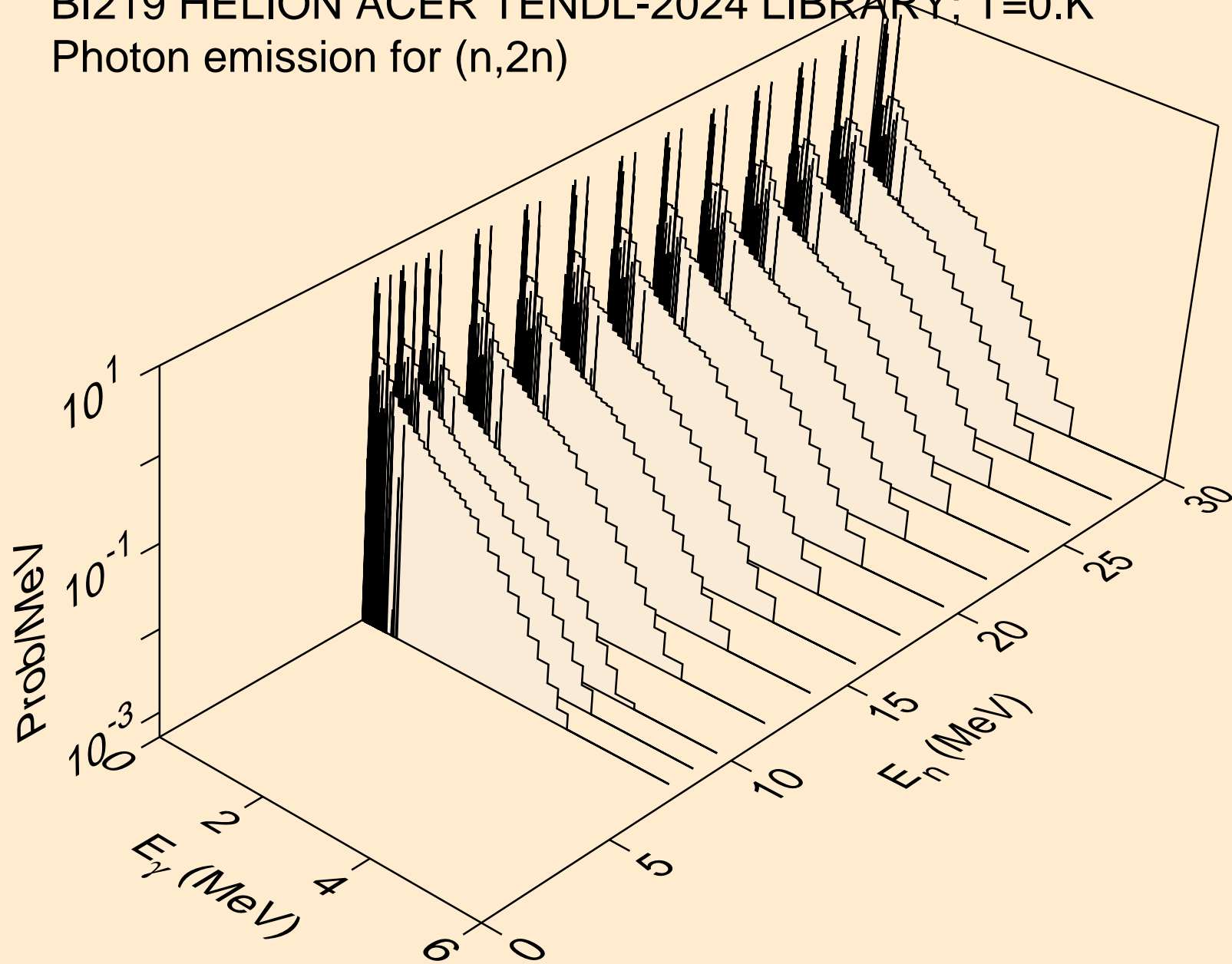
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (z,x)



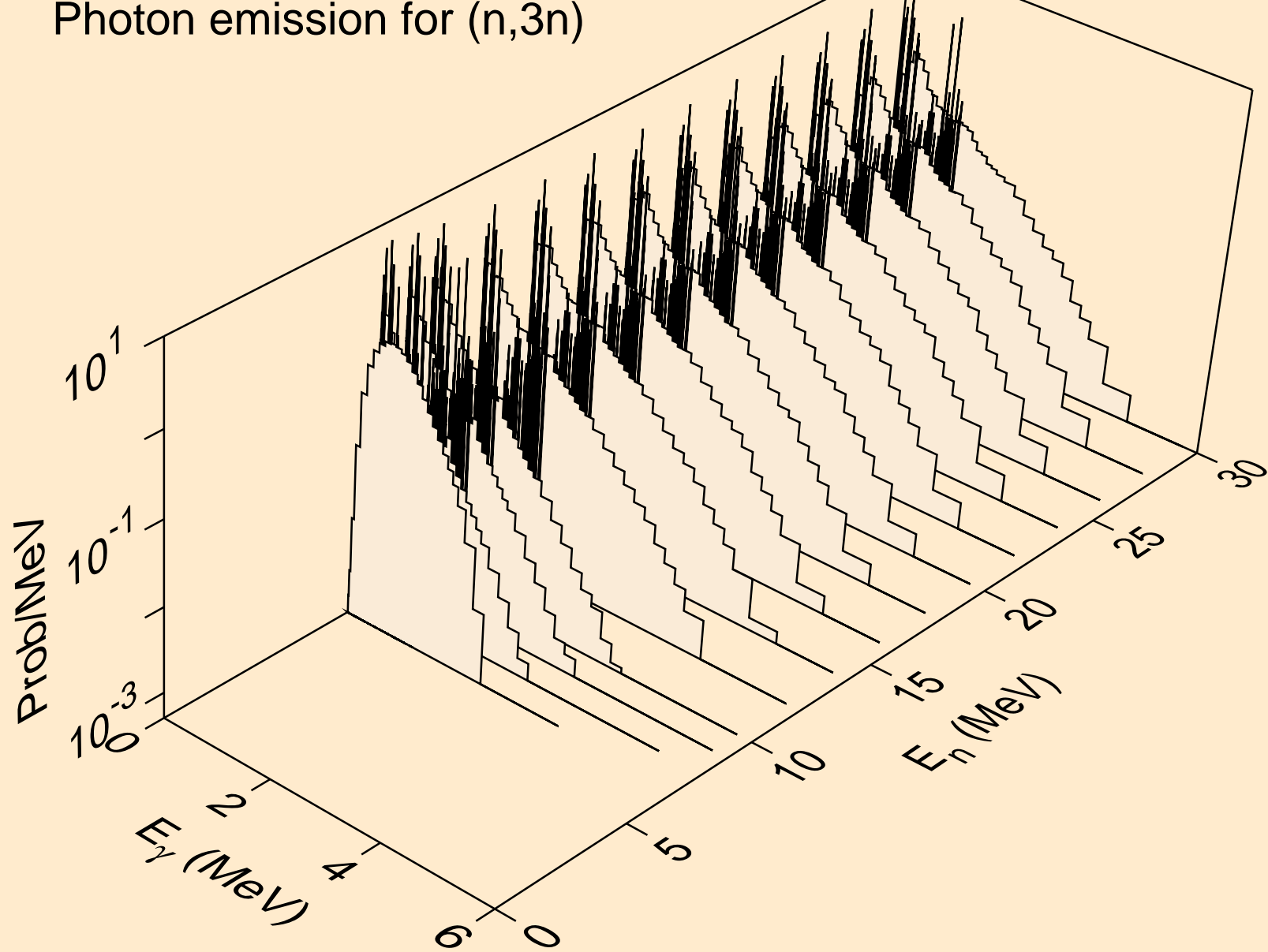
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2nd)



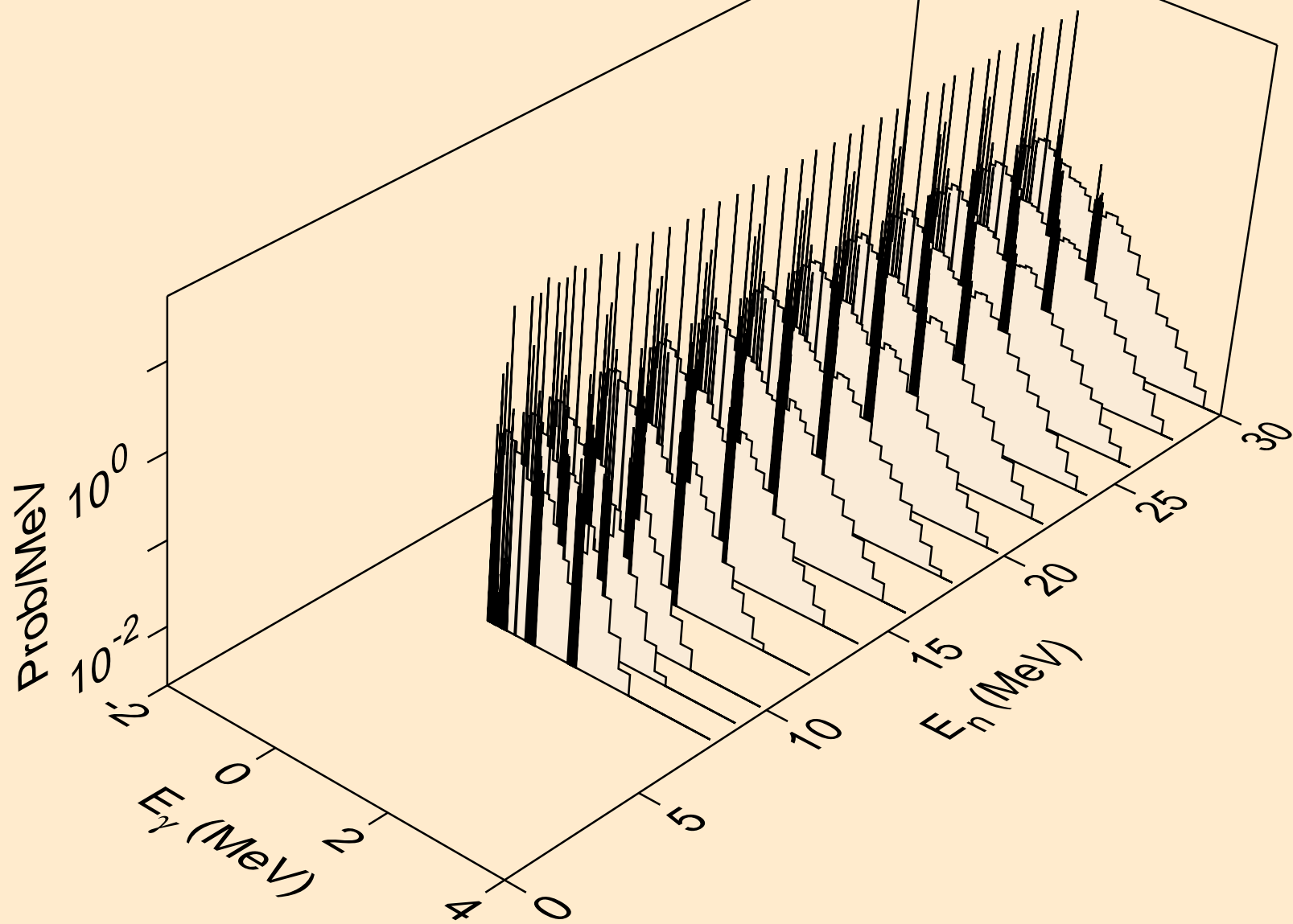
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n)



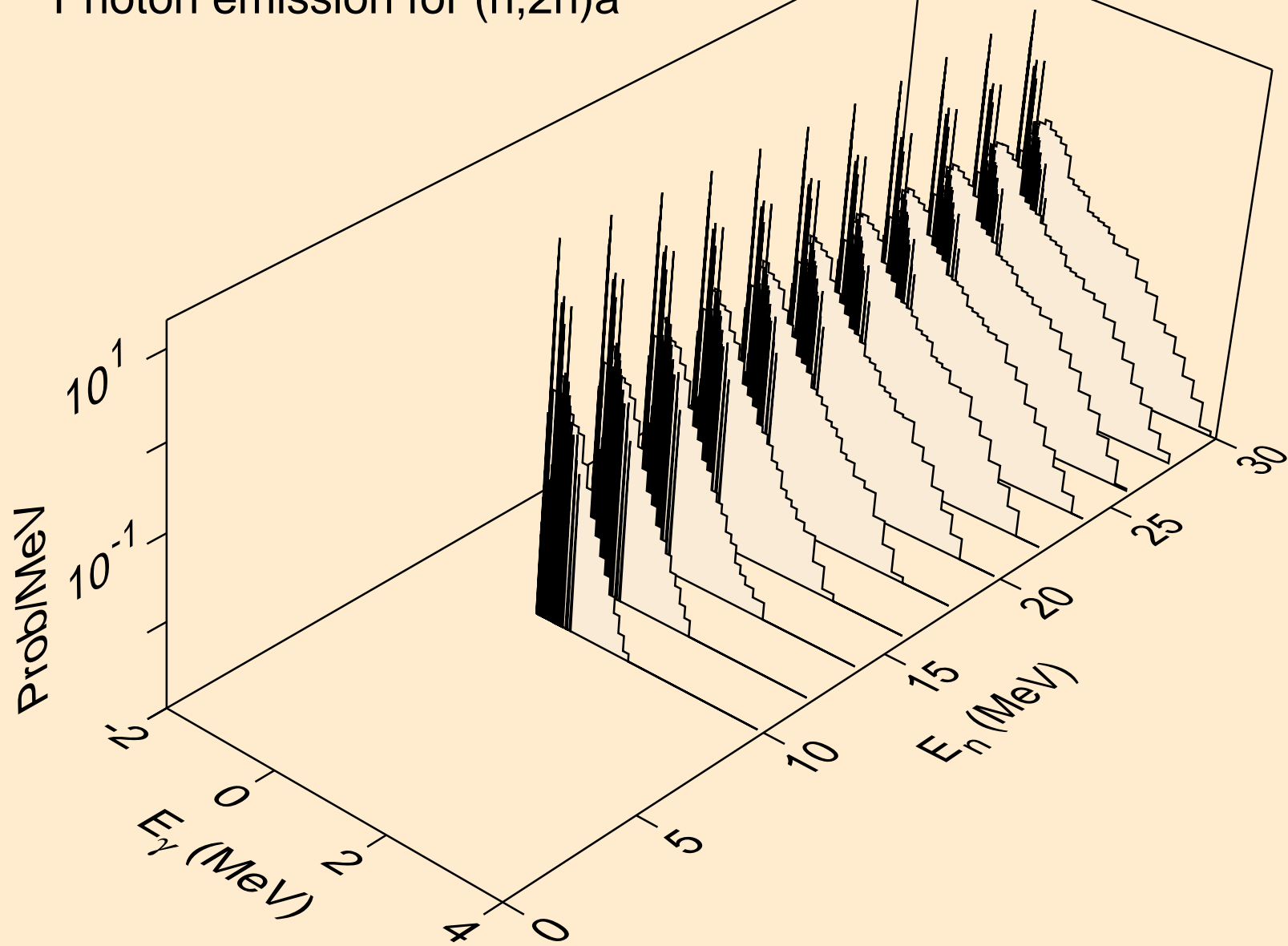
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3n)



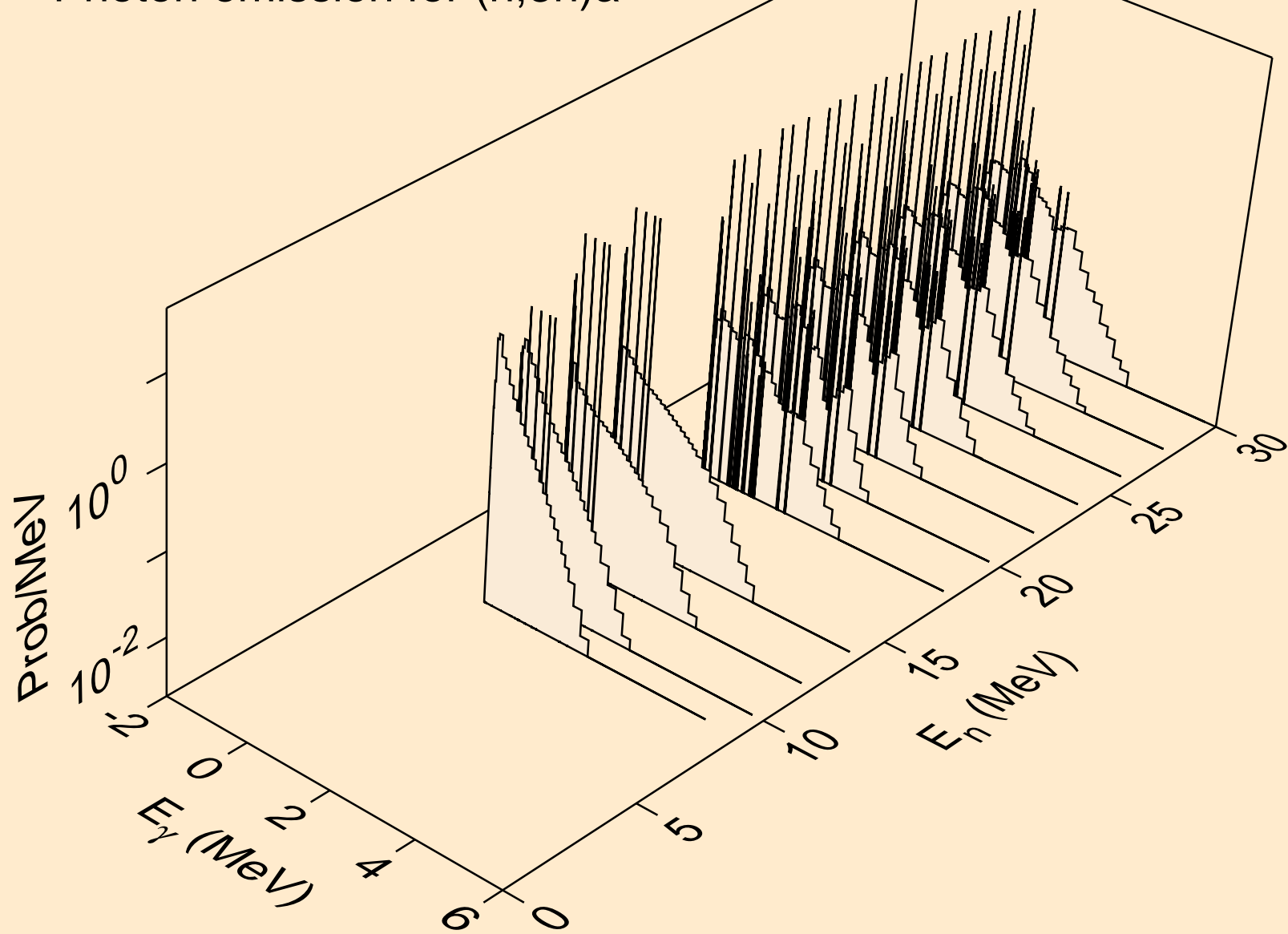
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)a



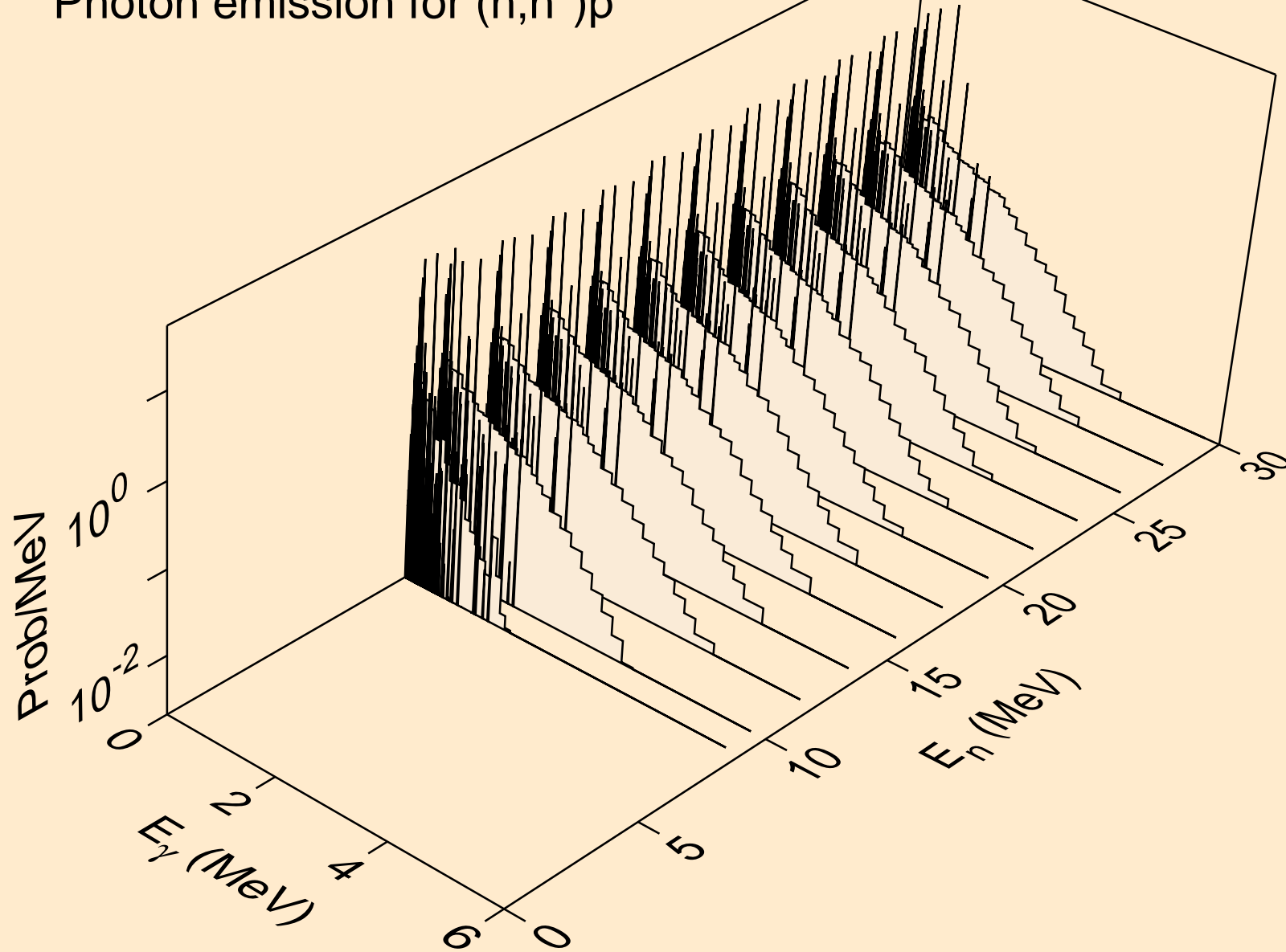
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n)a



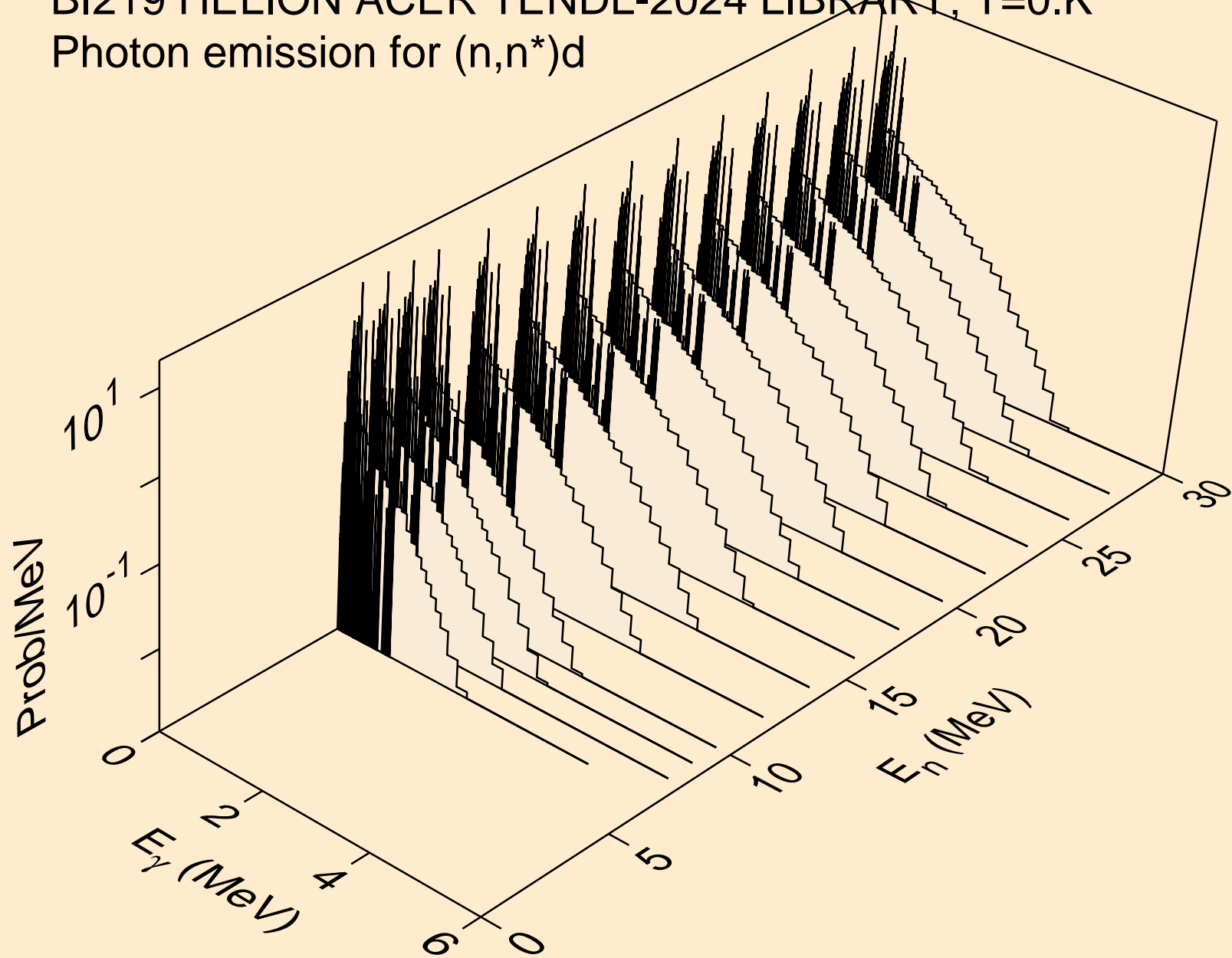
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3n)a



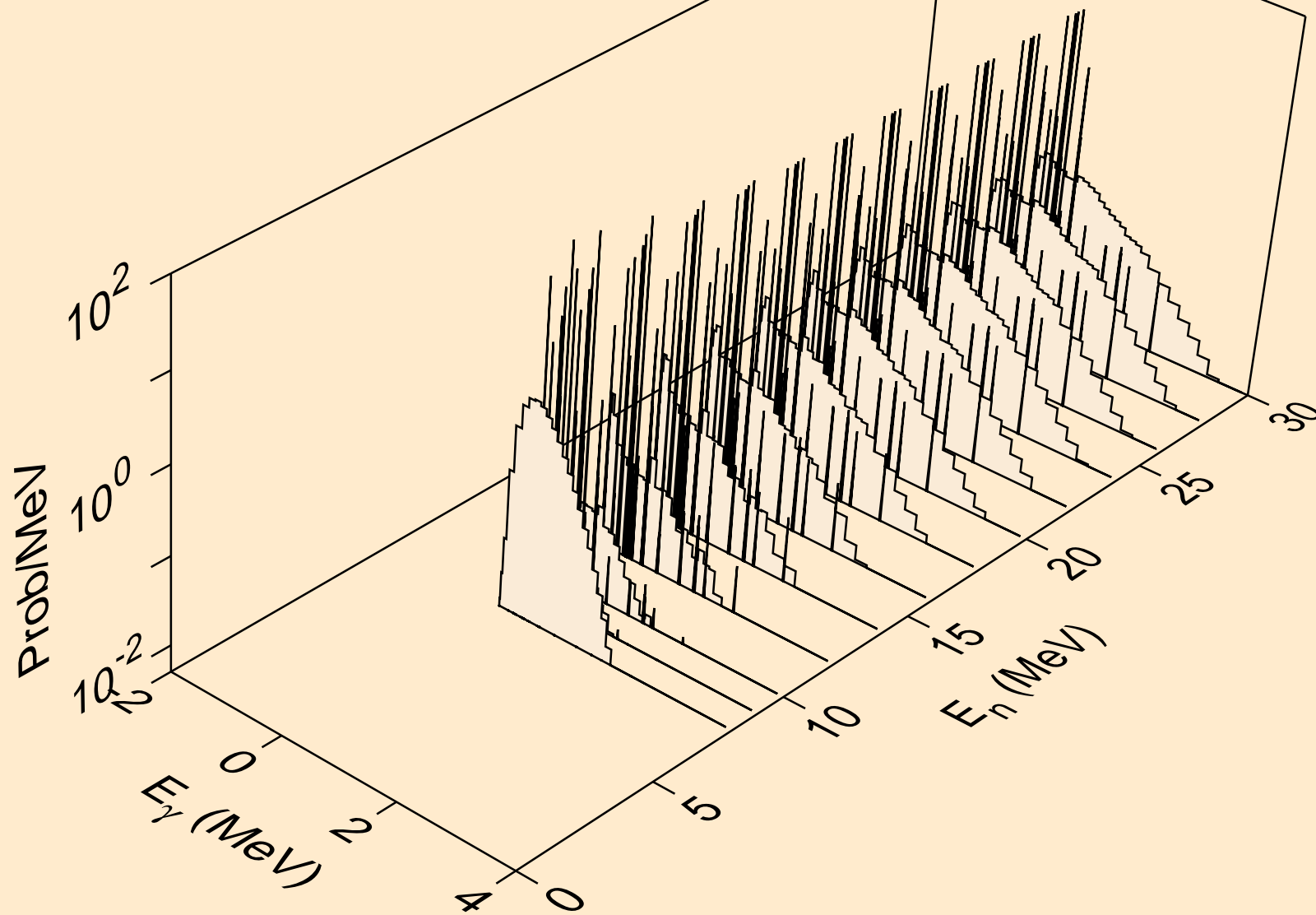
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)p



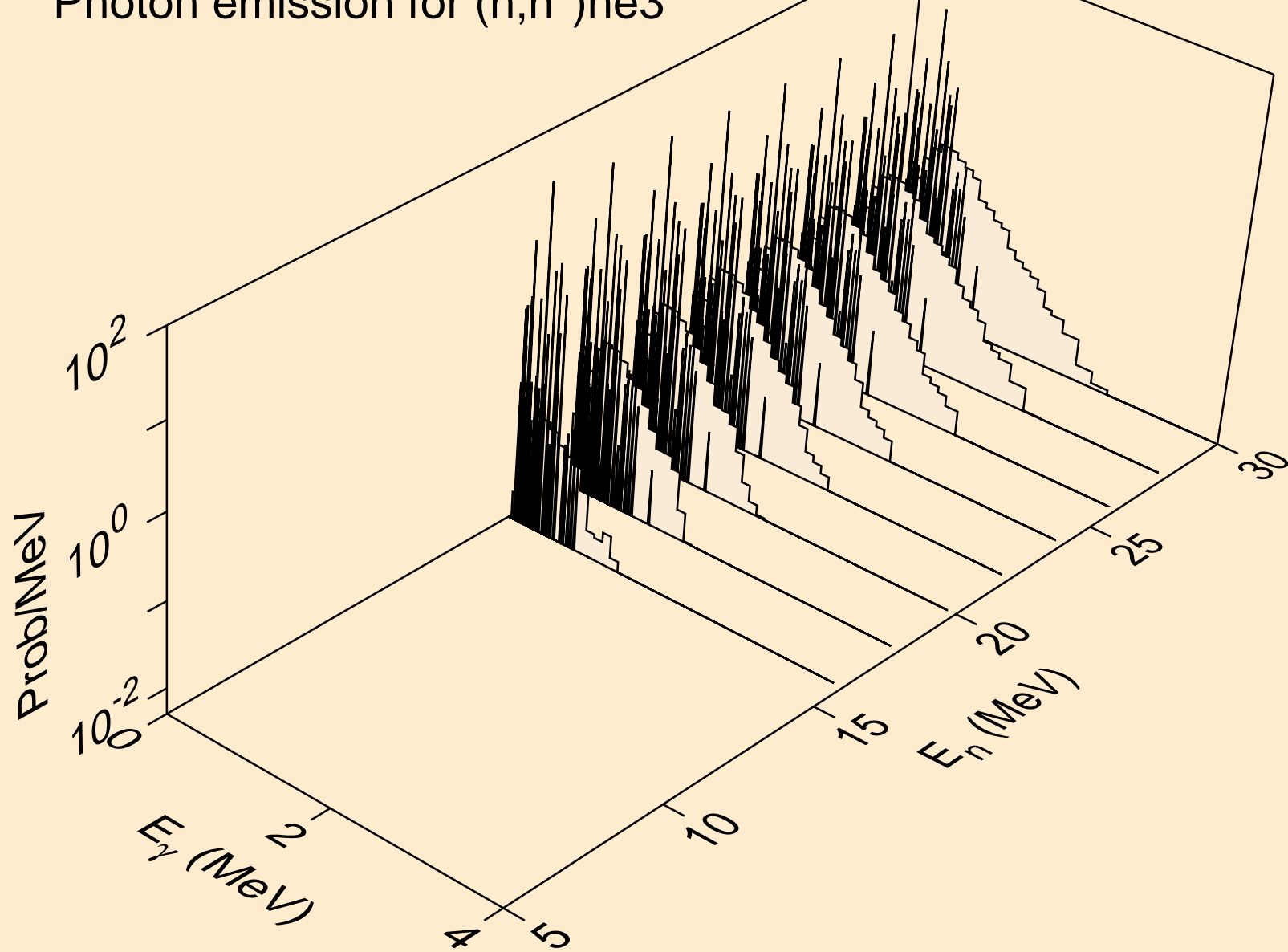
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)d



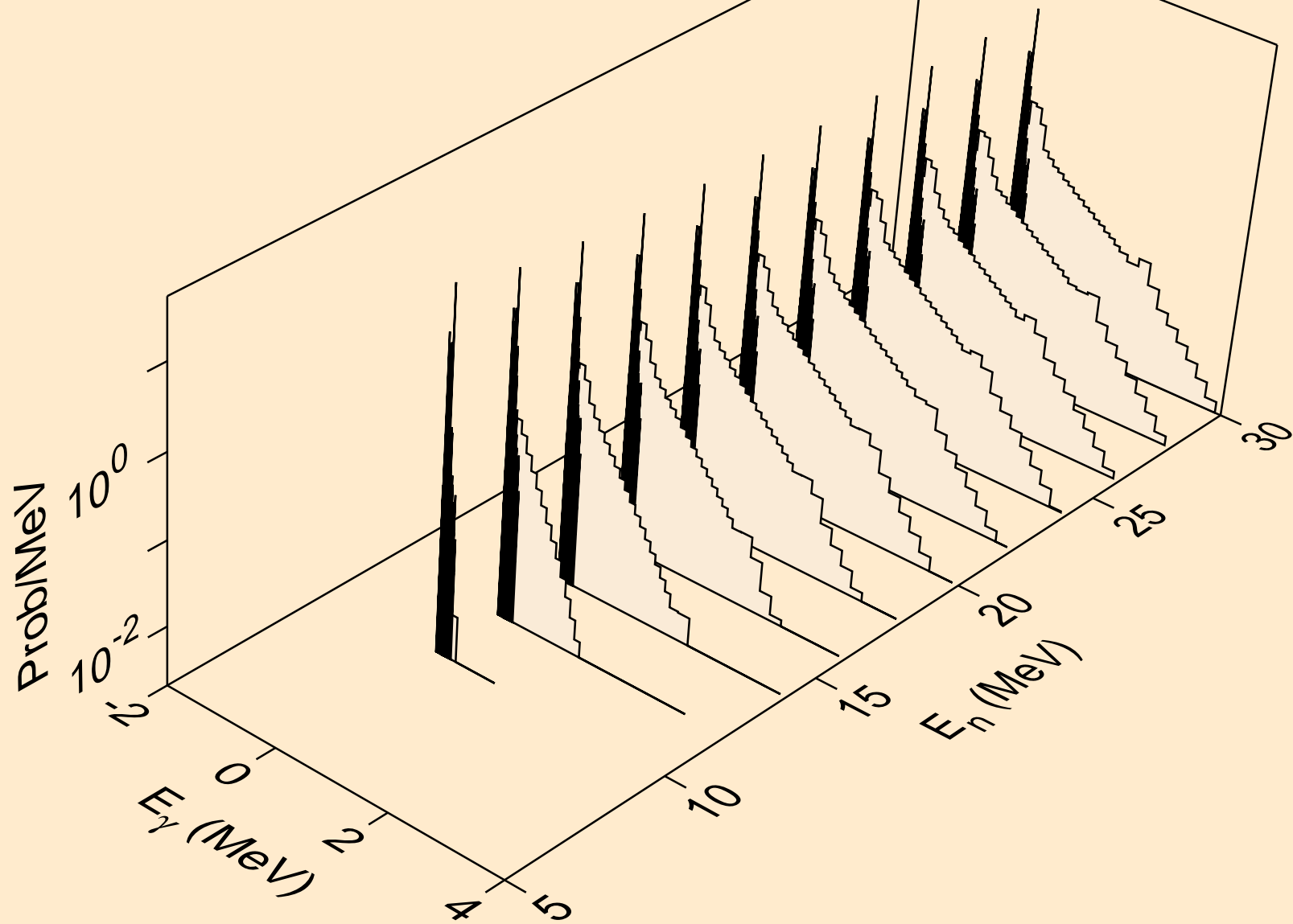
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)t



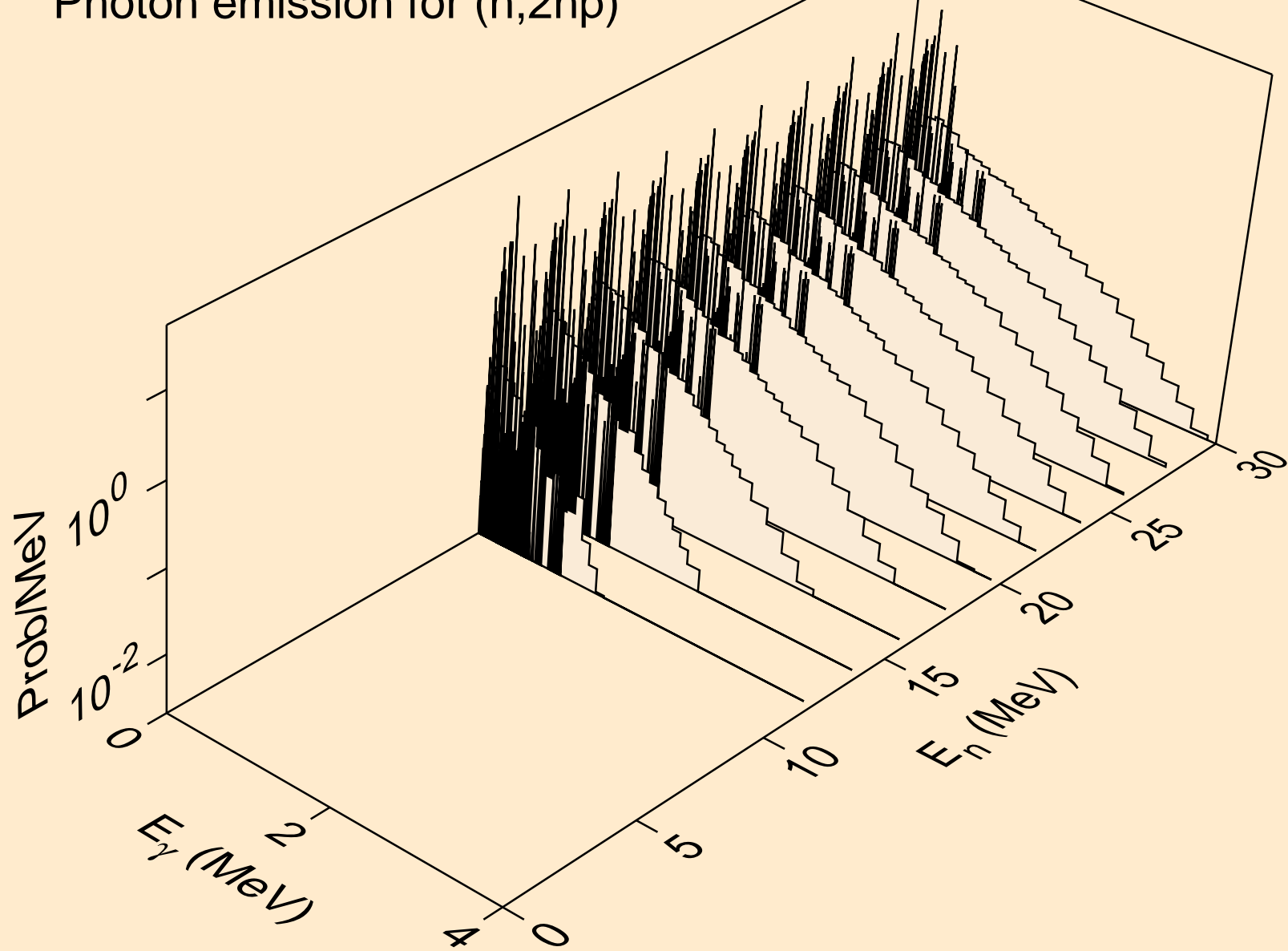
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)he3



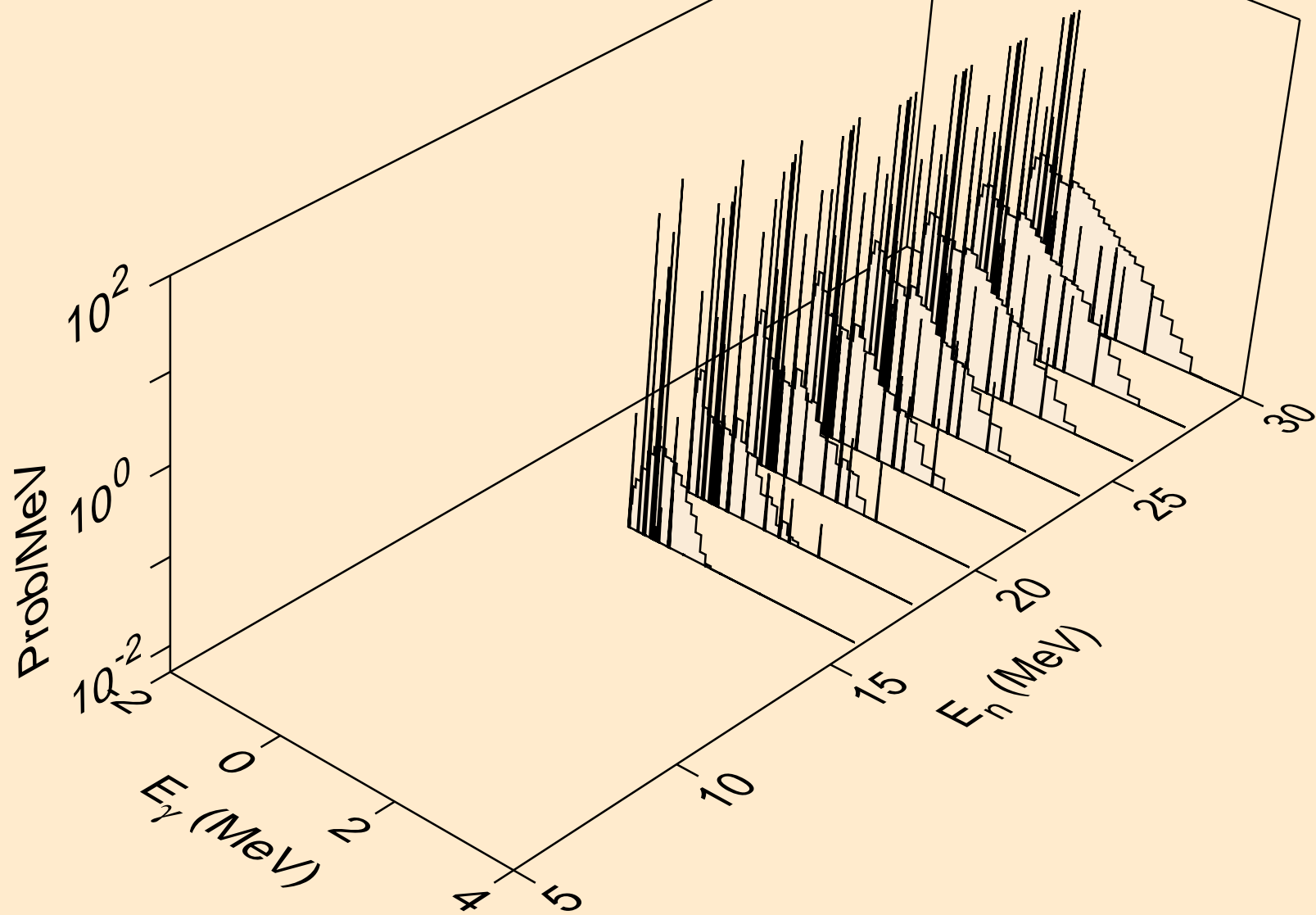
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,4n)



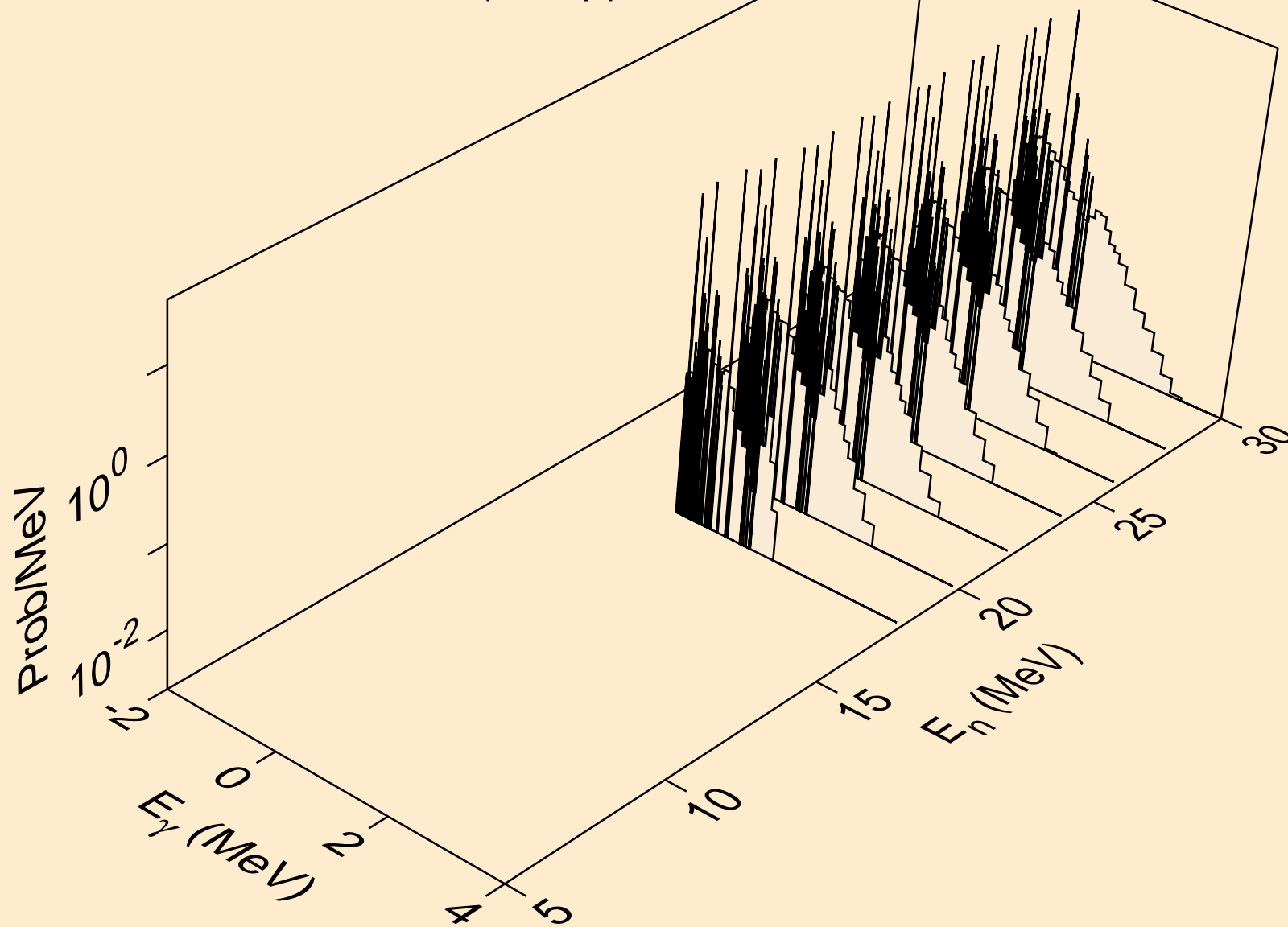
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2np)



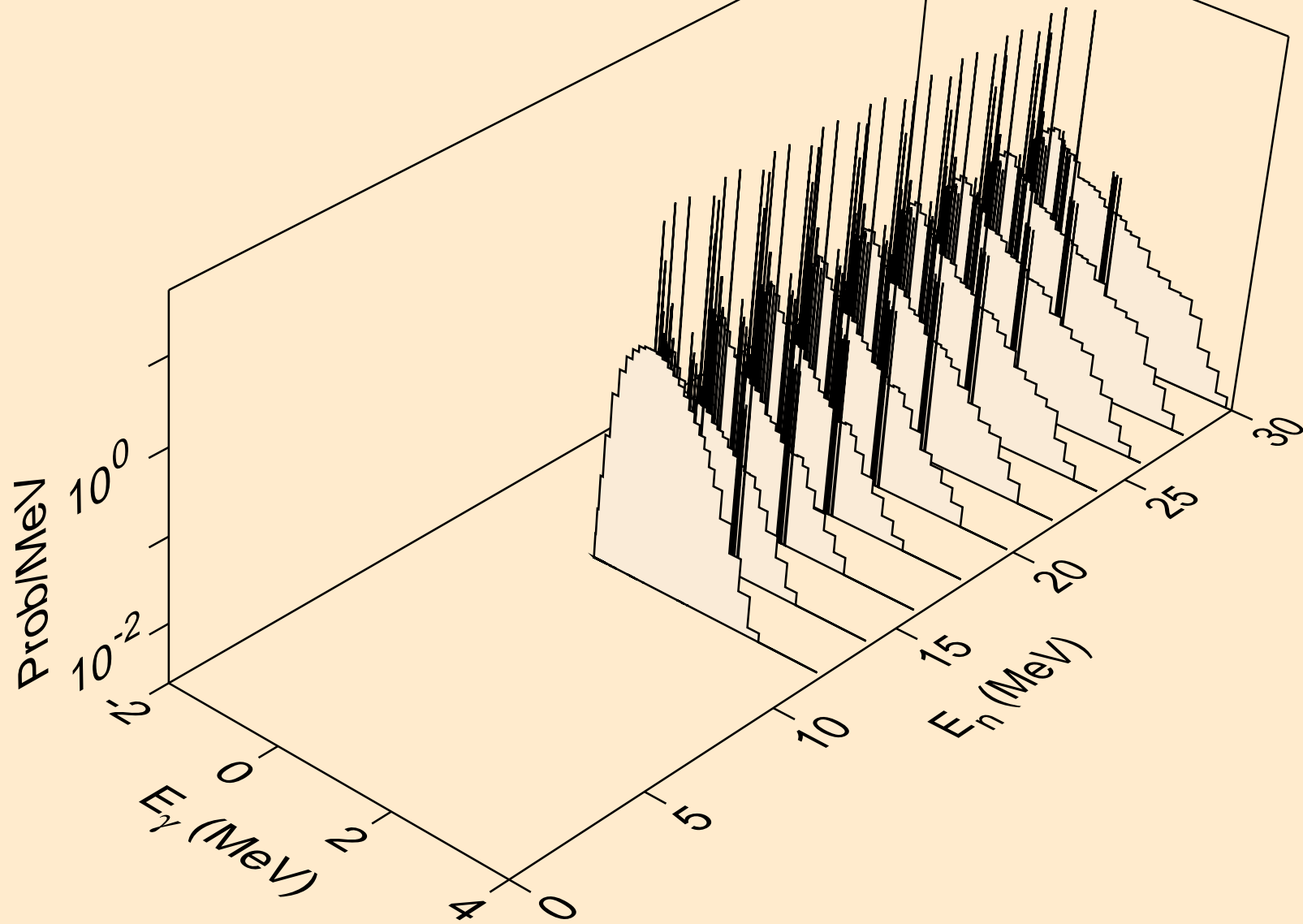
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3np)



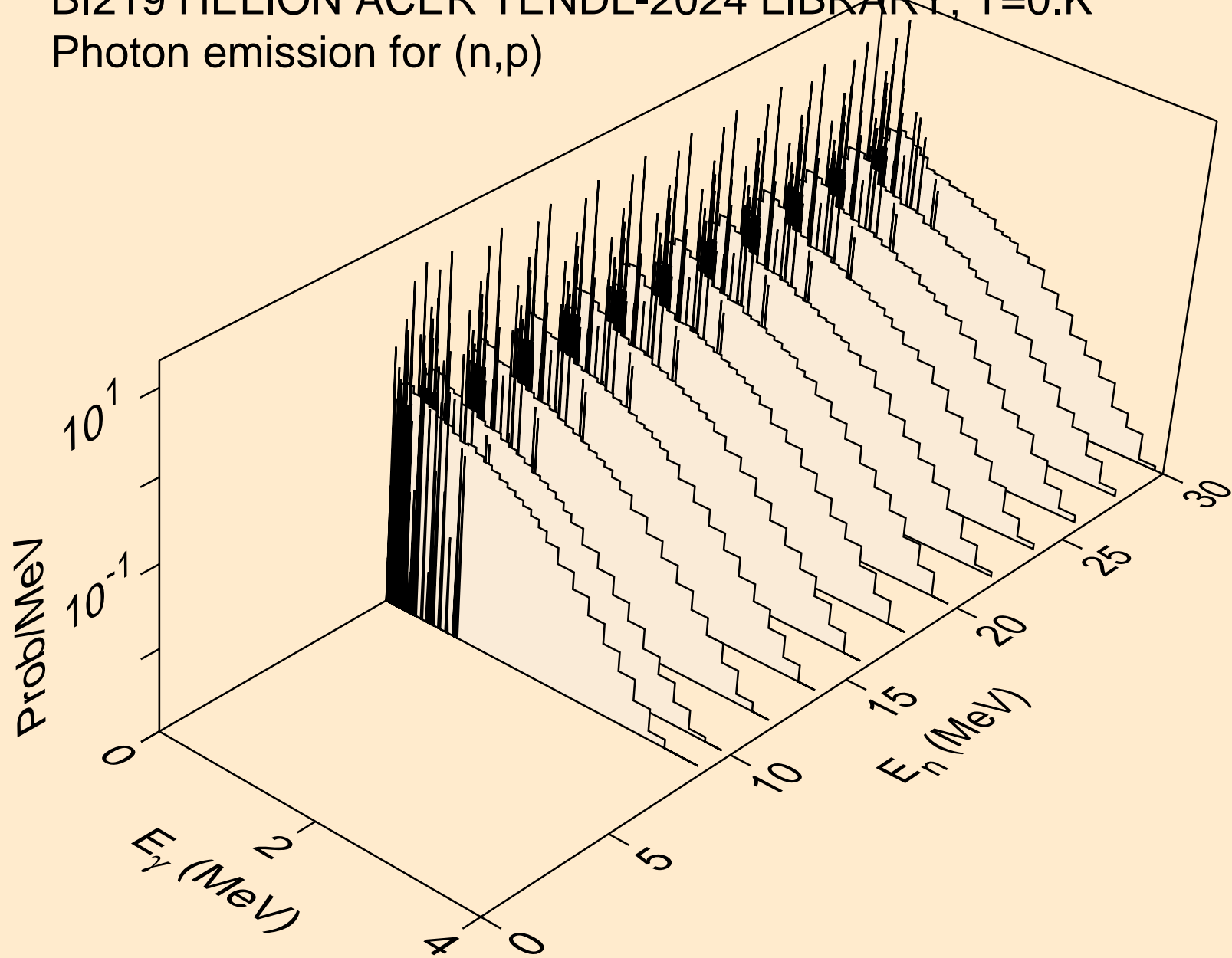
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n2p)



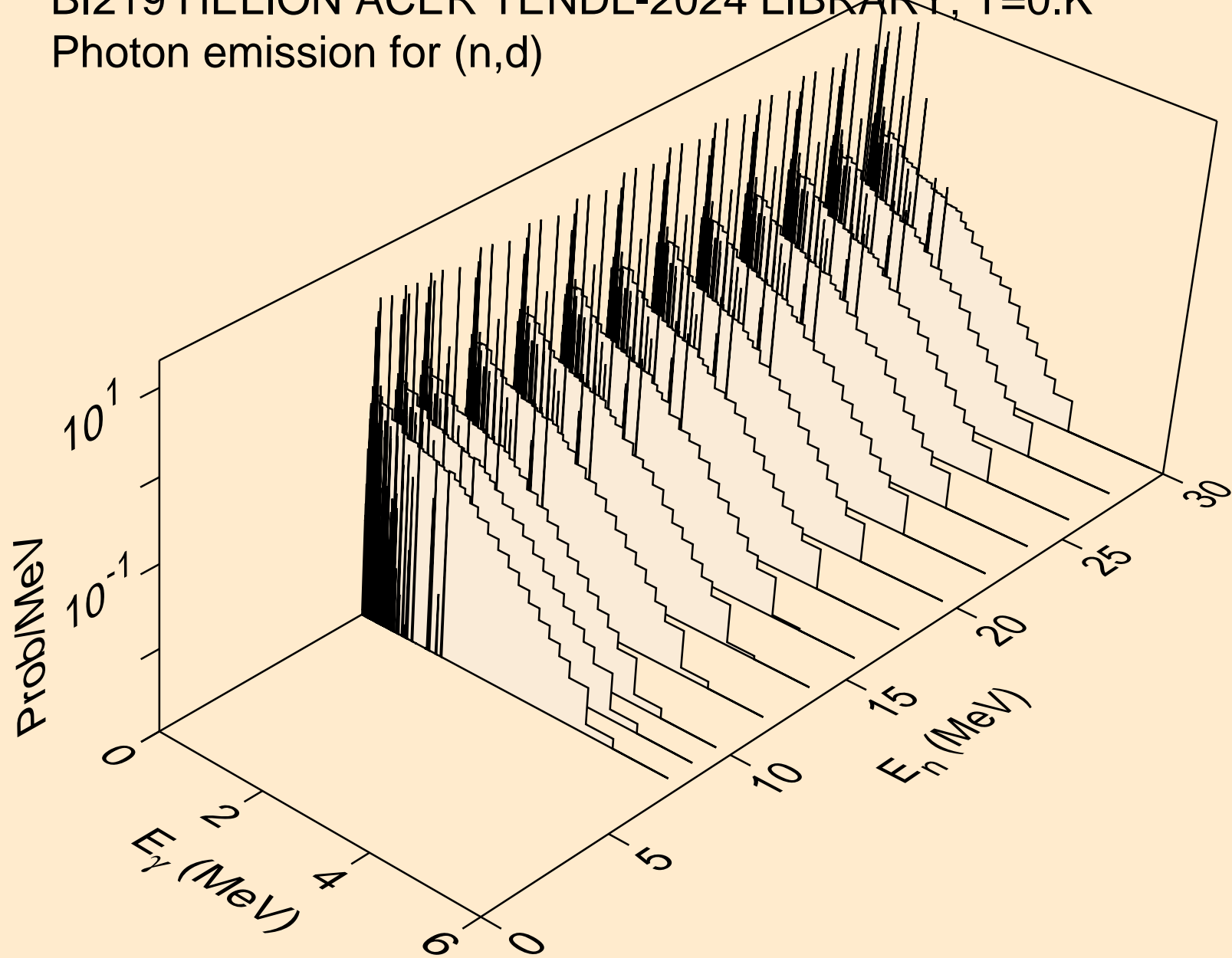
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,npa)



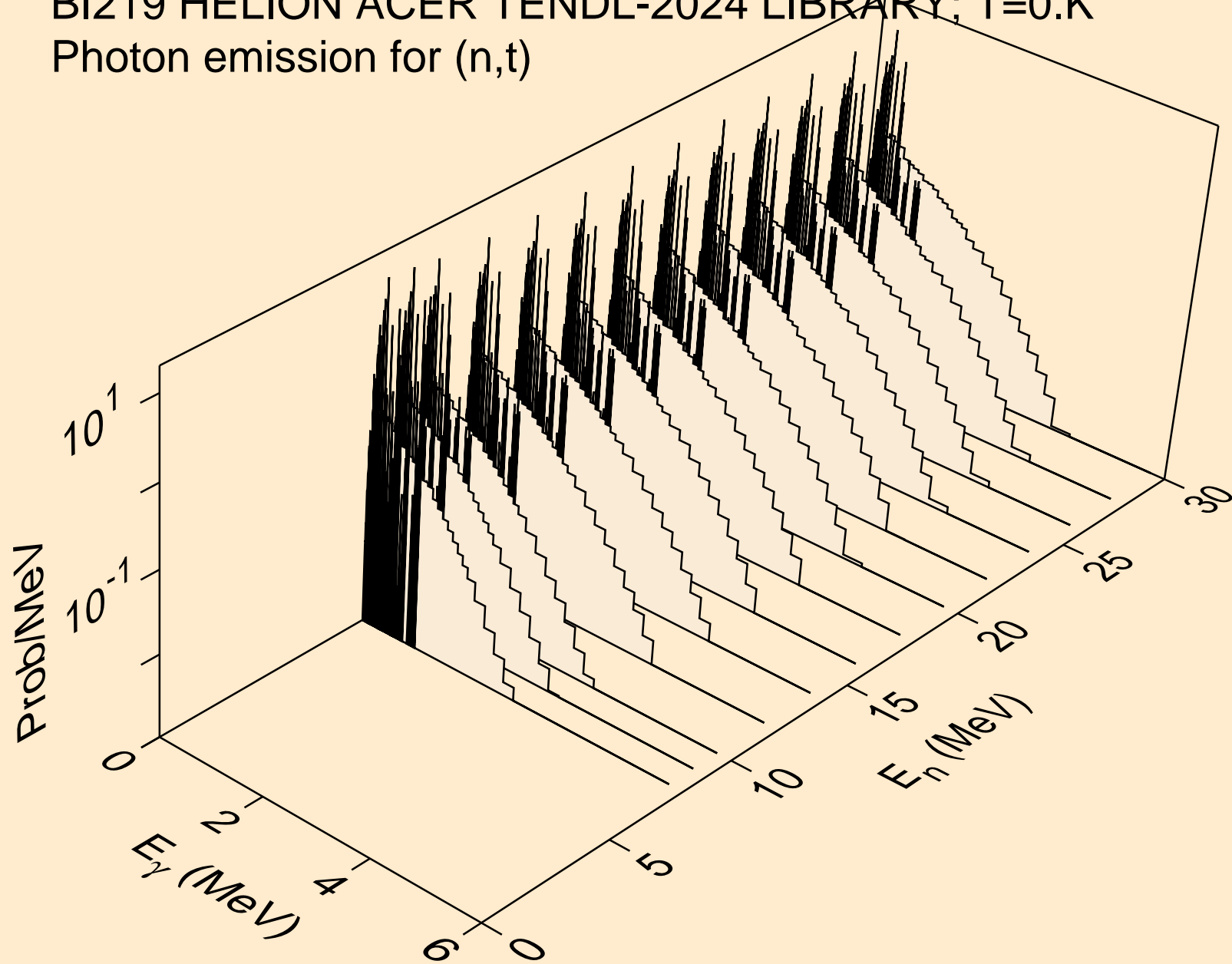
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,p)



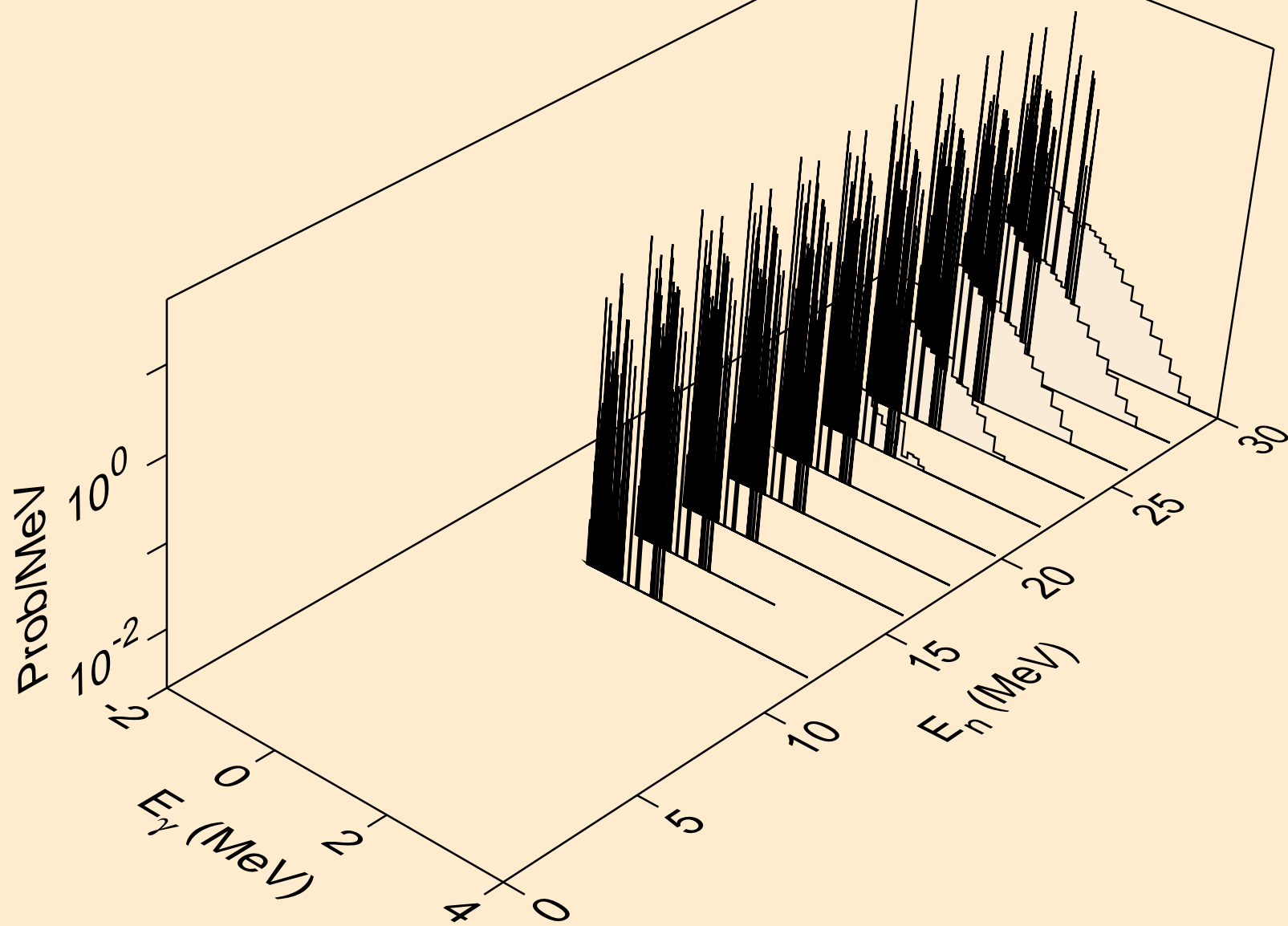
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,d)



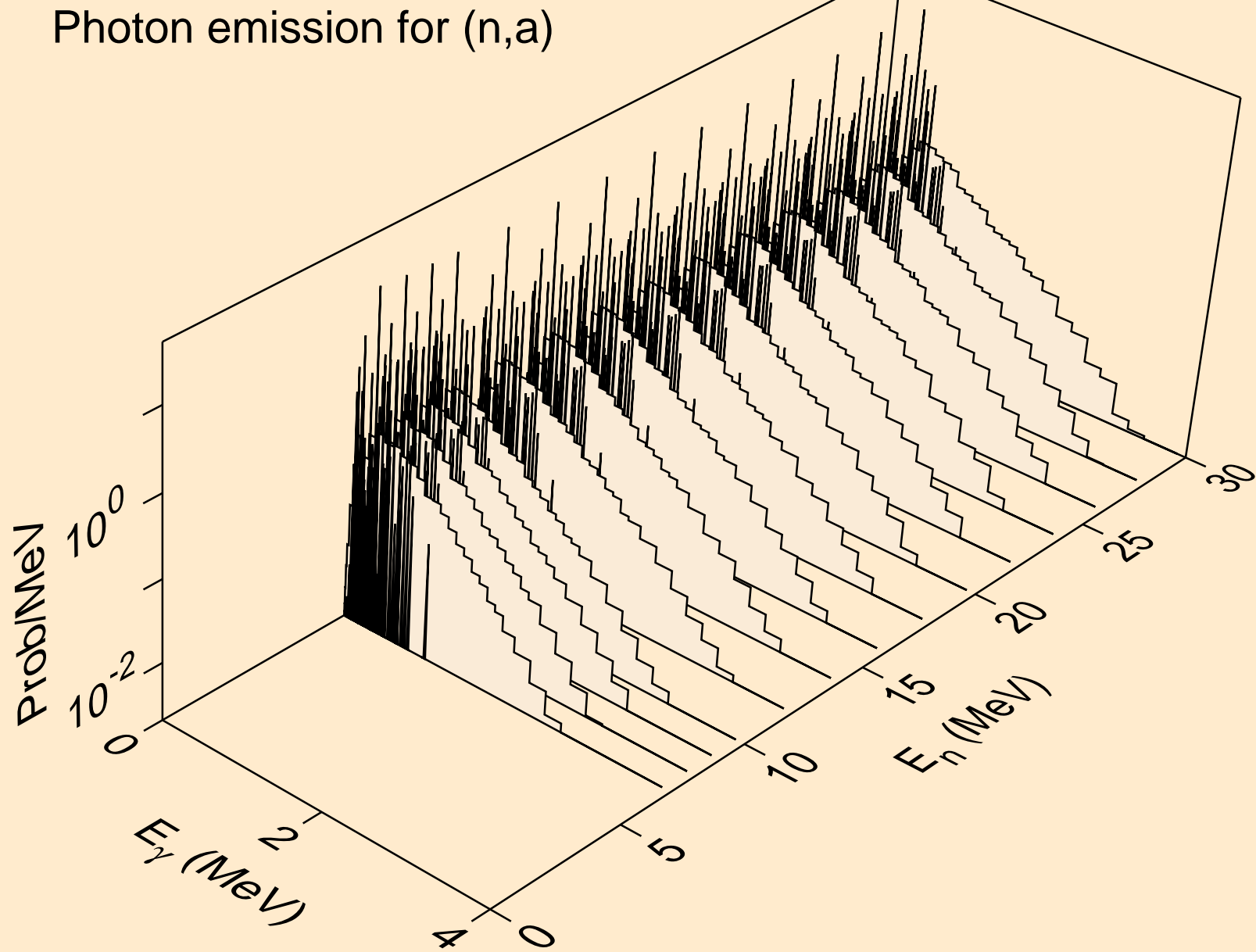
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,t)



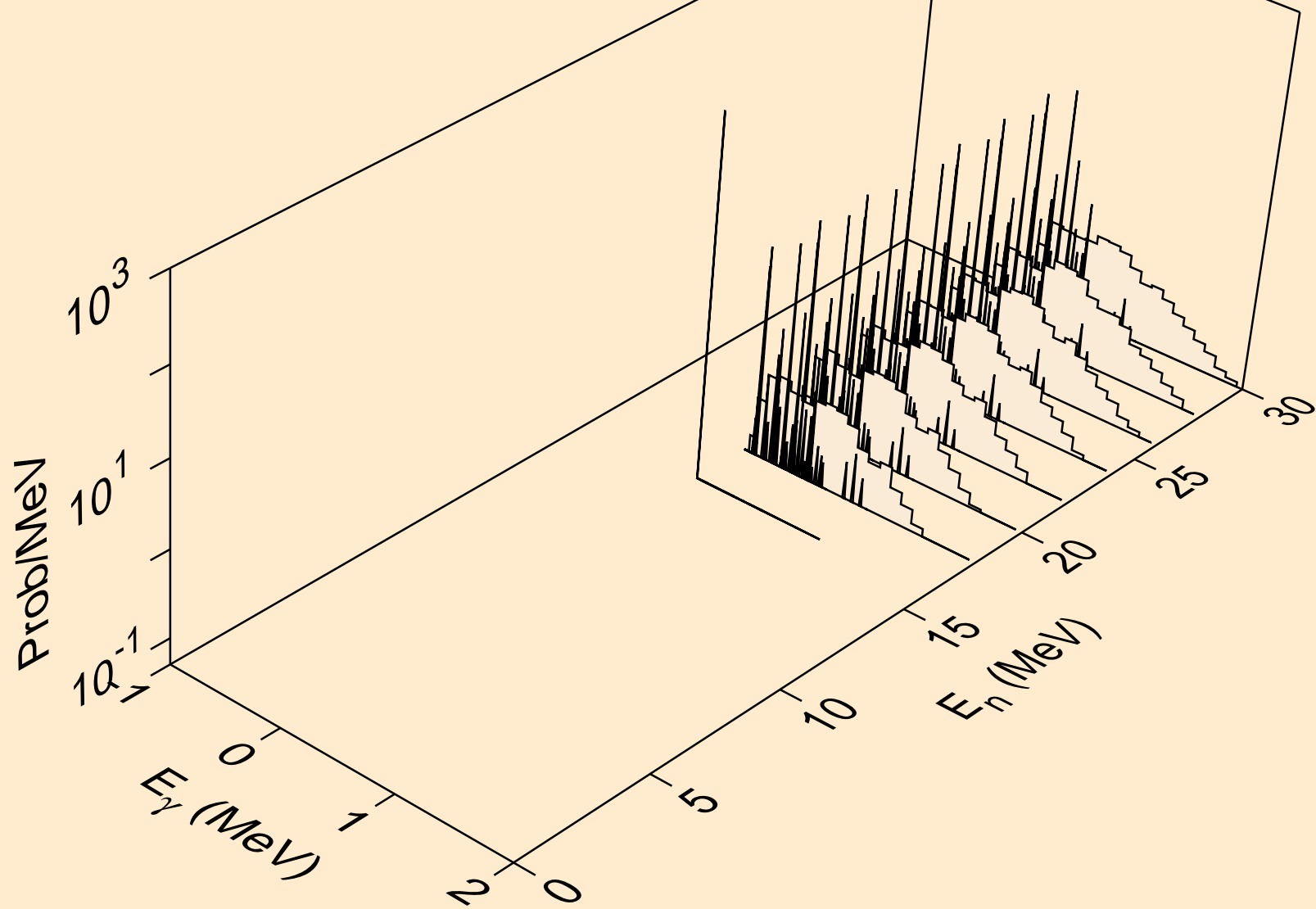
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for inelastic



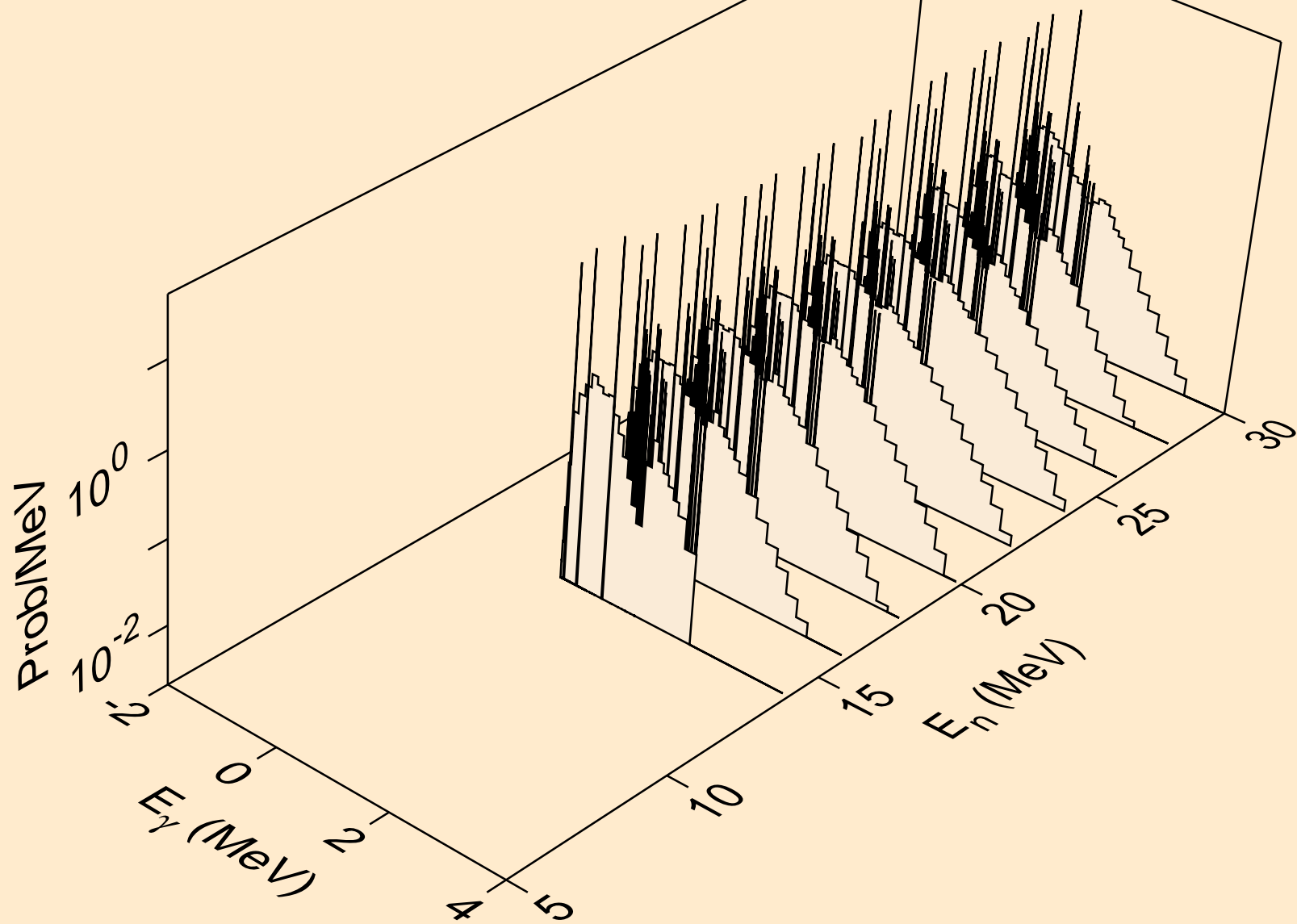
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,a)



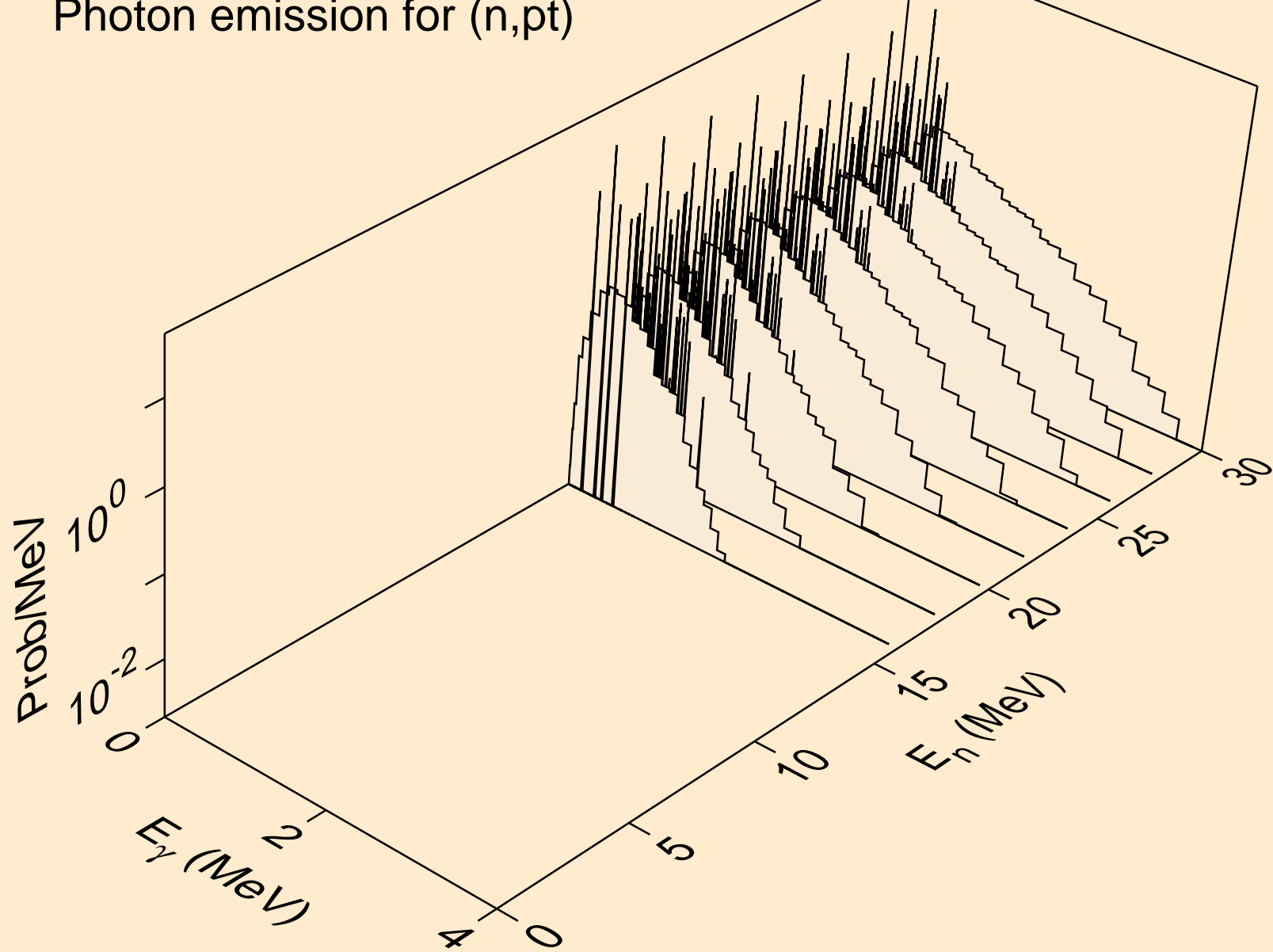
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2p)



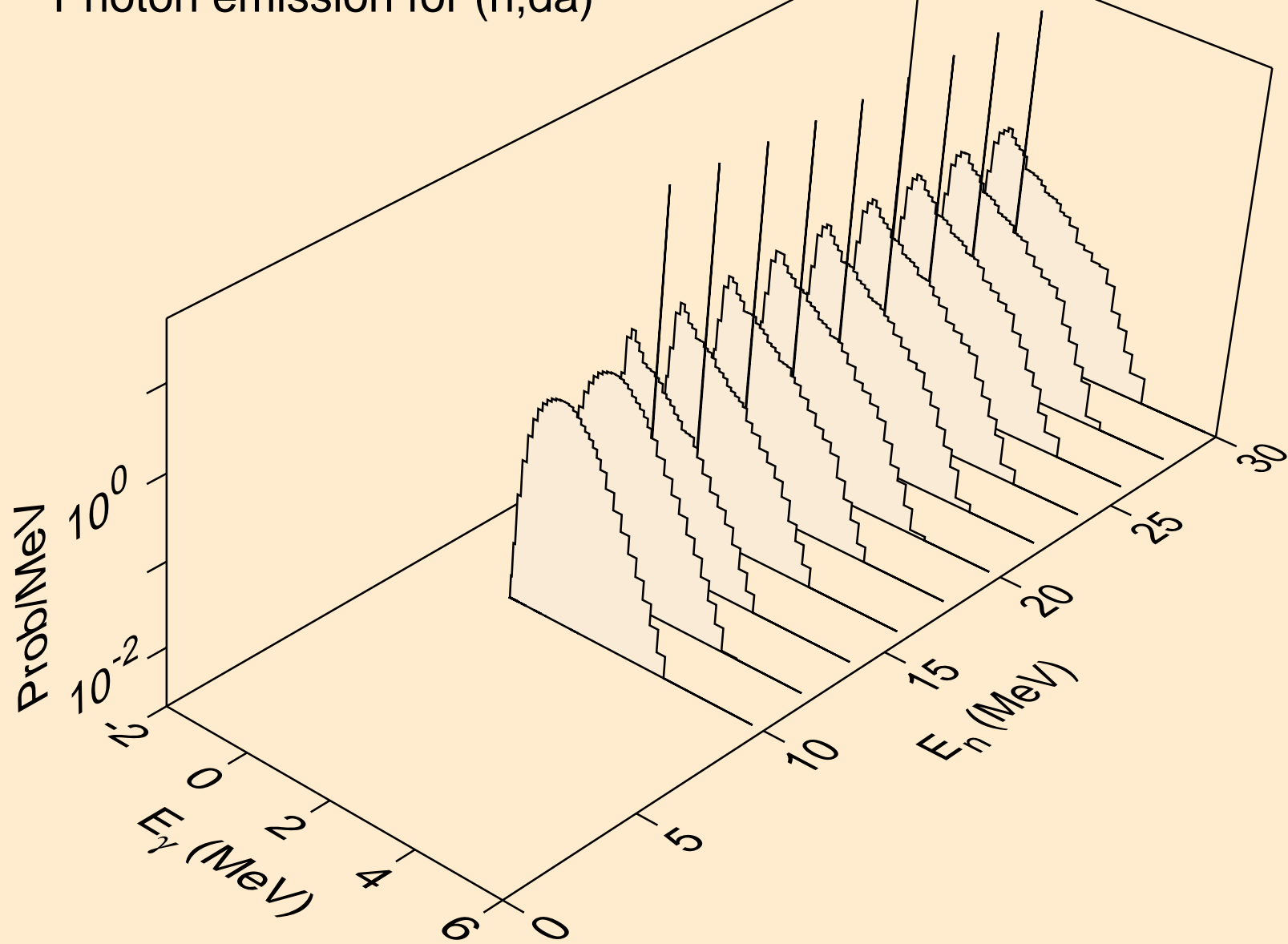
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pd)



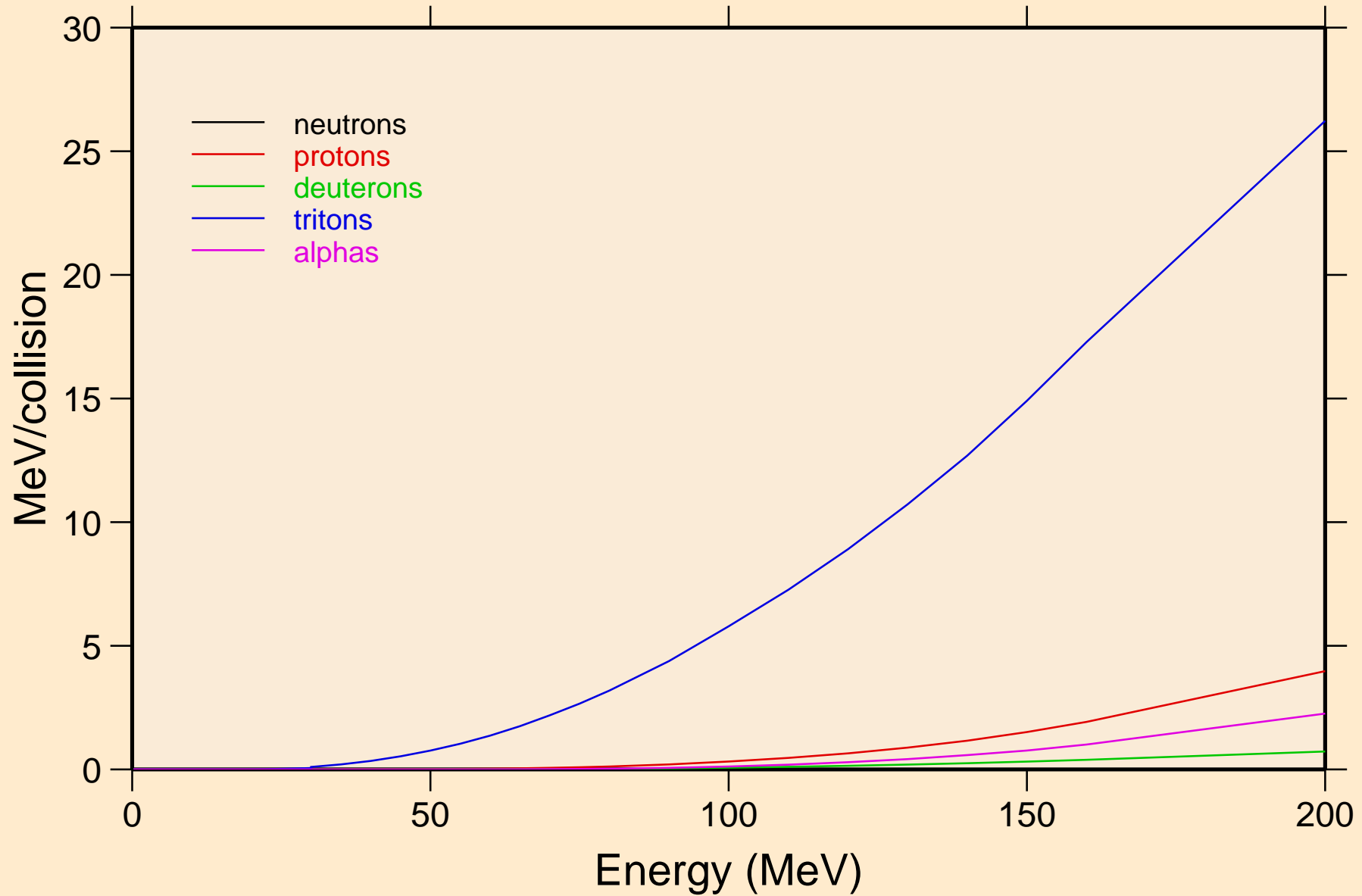
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pt)



BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,da)

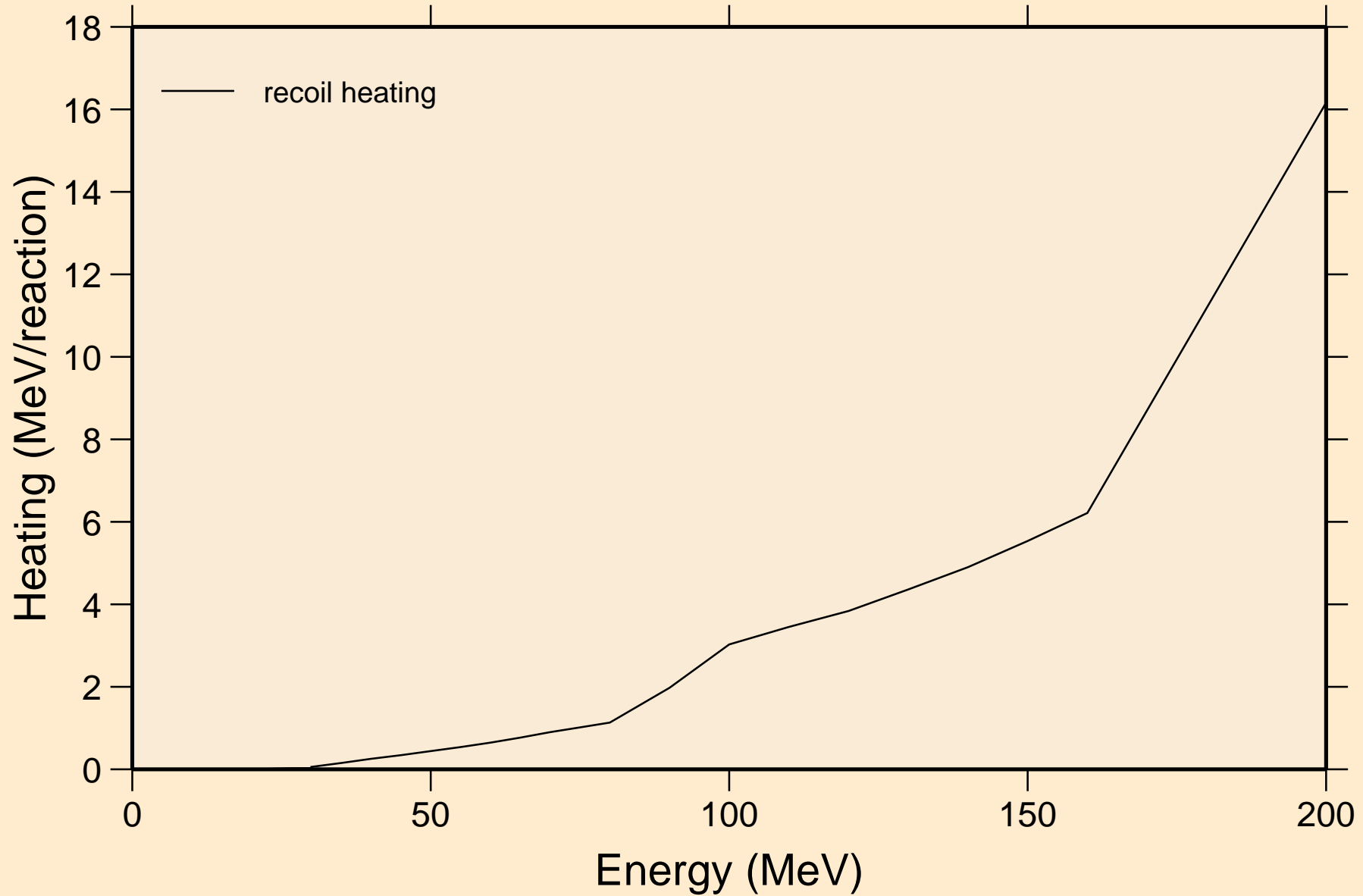


BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
Particle heating contributions

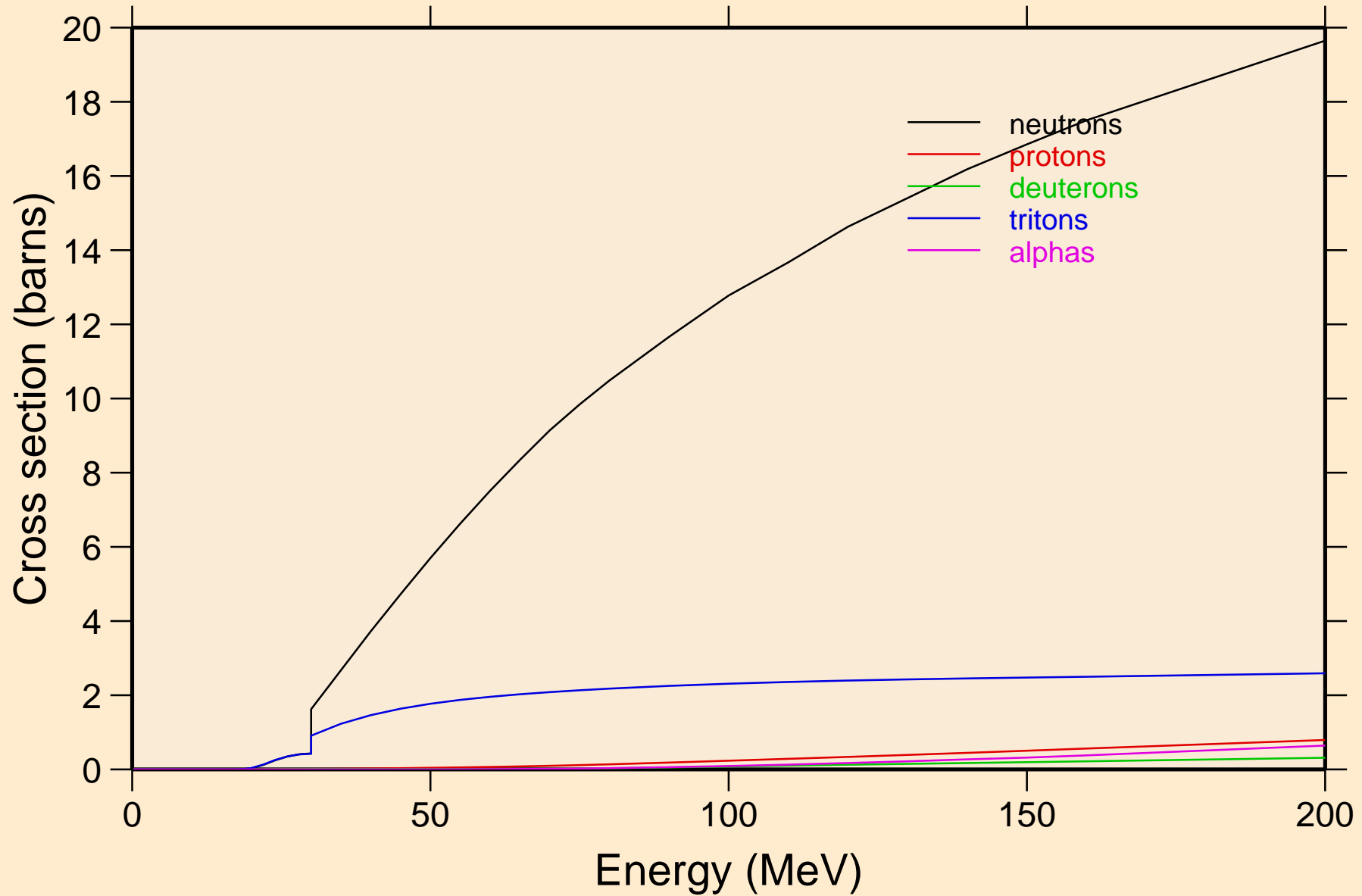


BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K

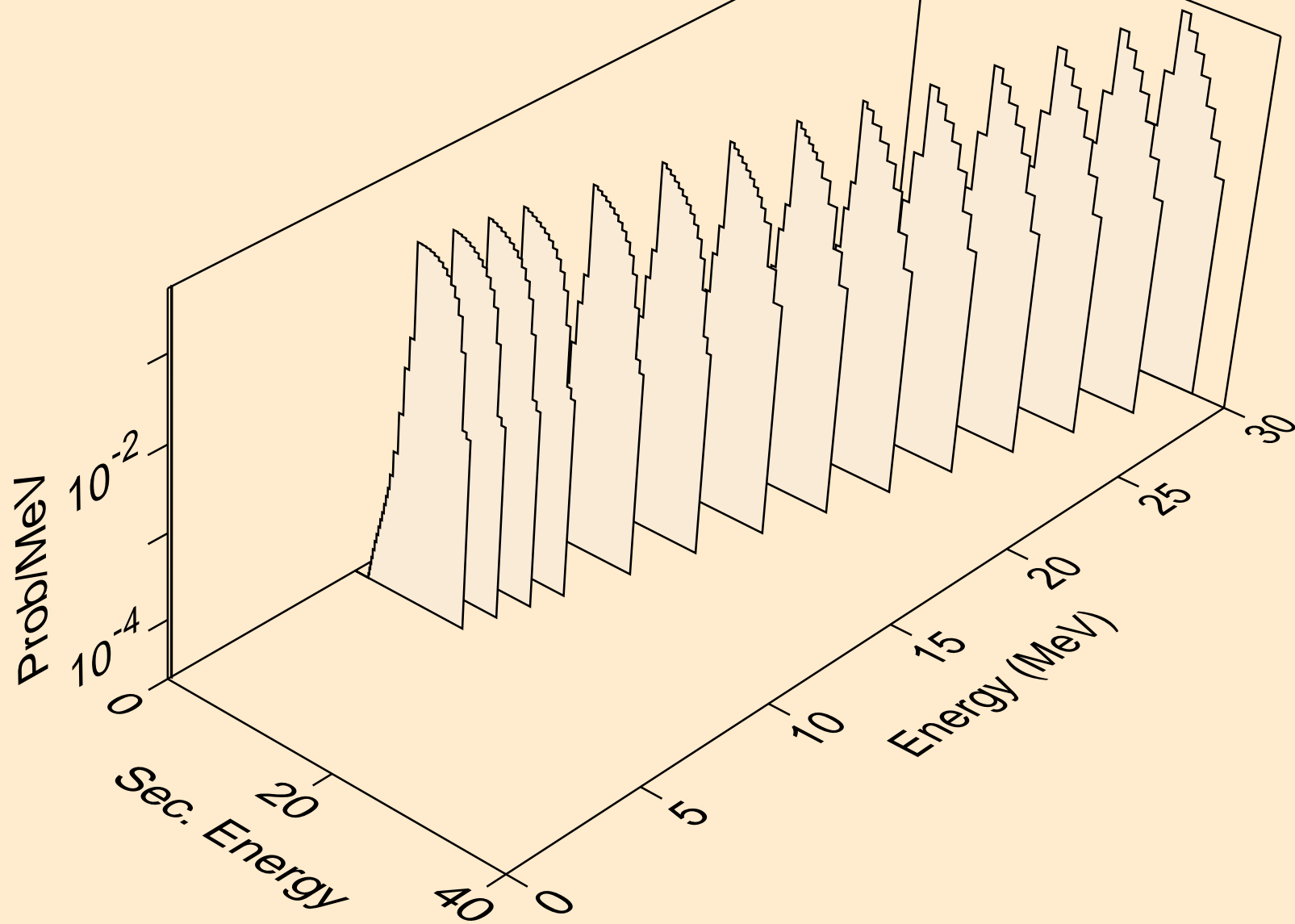
Recoil Heating



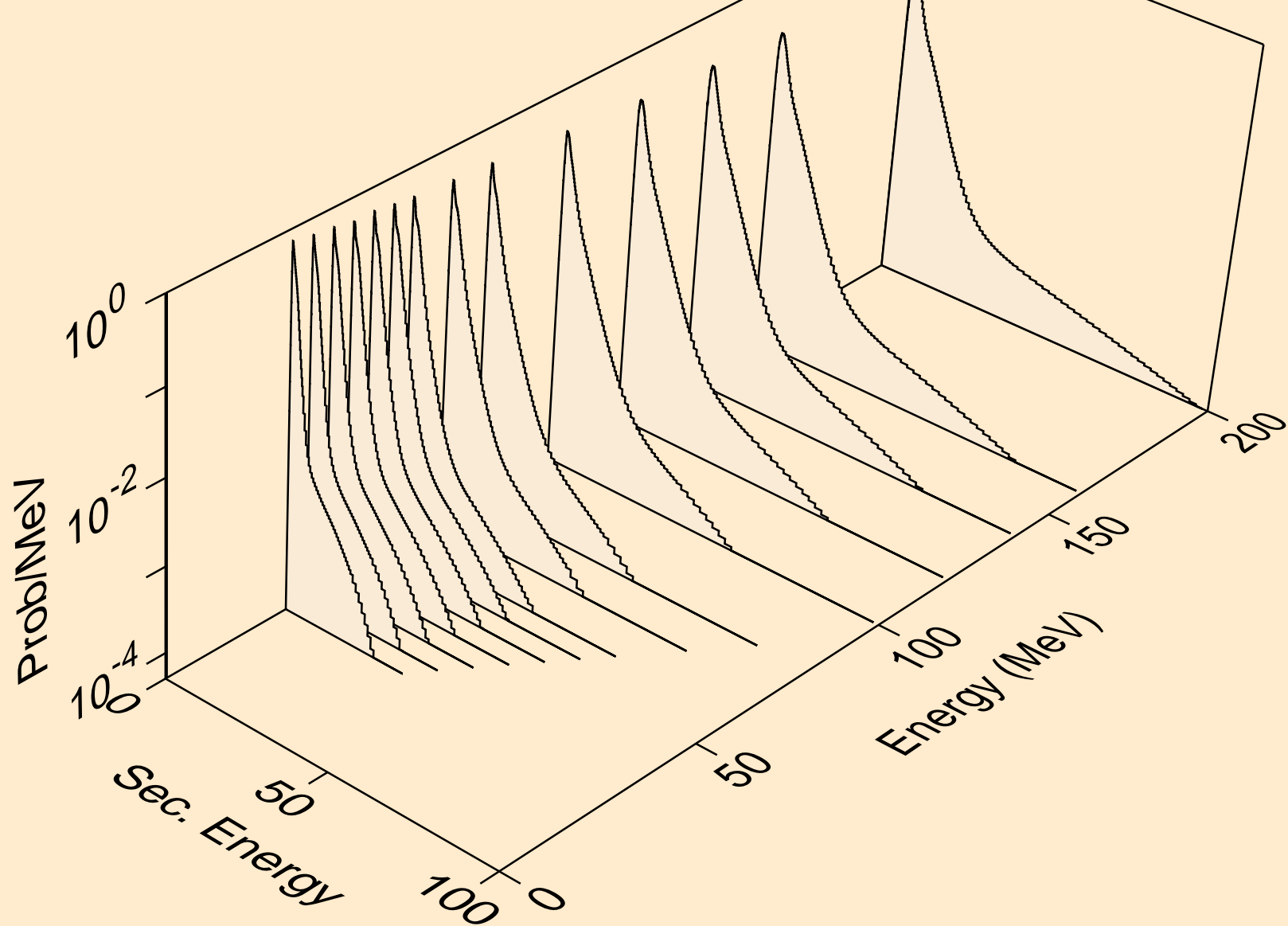
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
Particle production cross sections



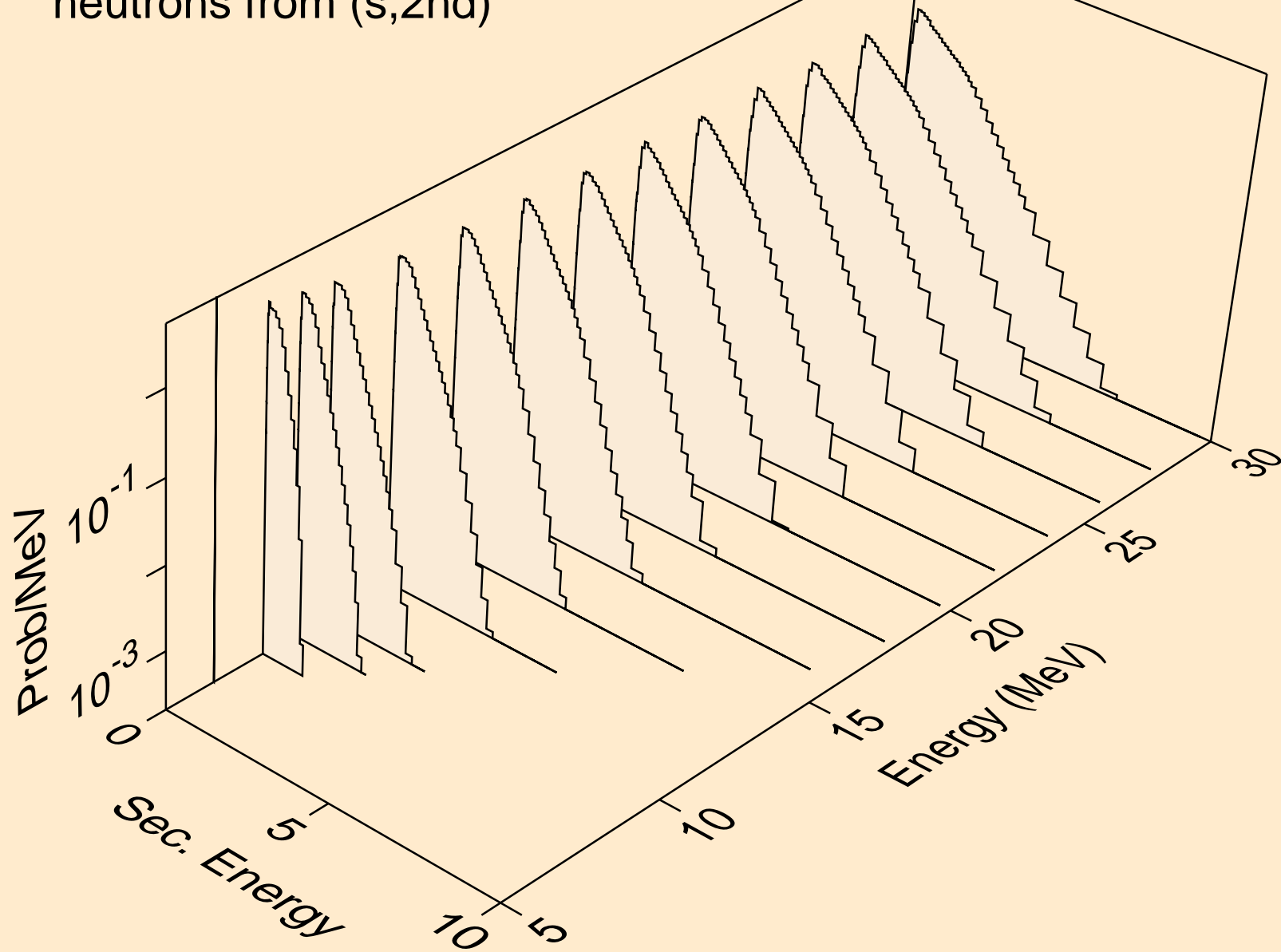
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,n)



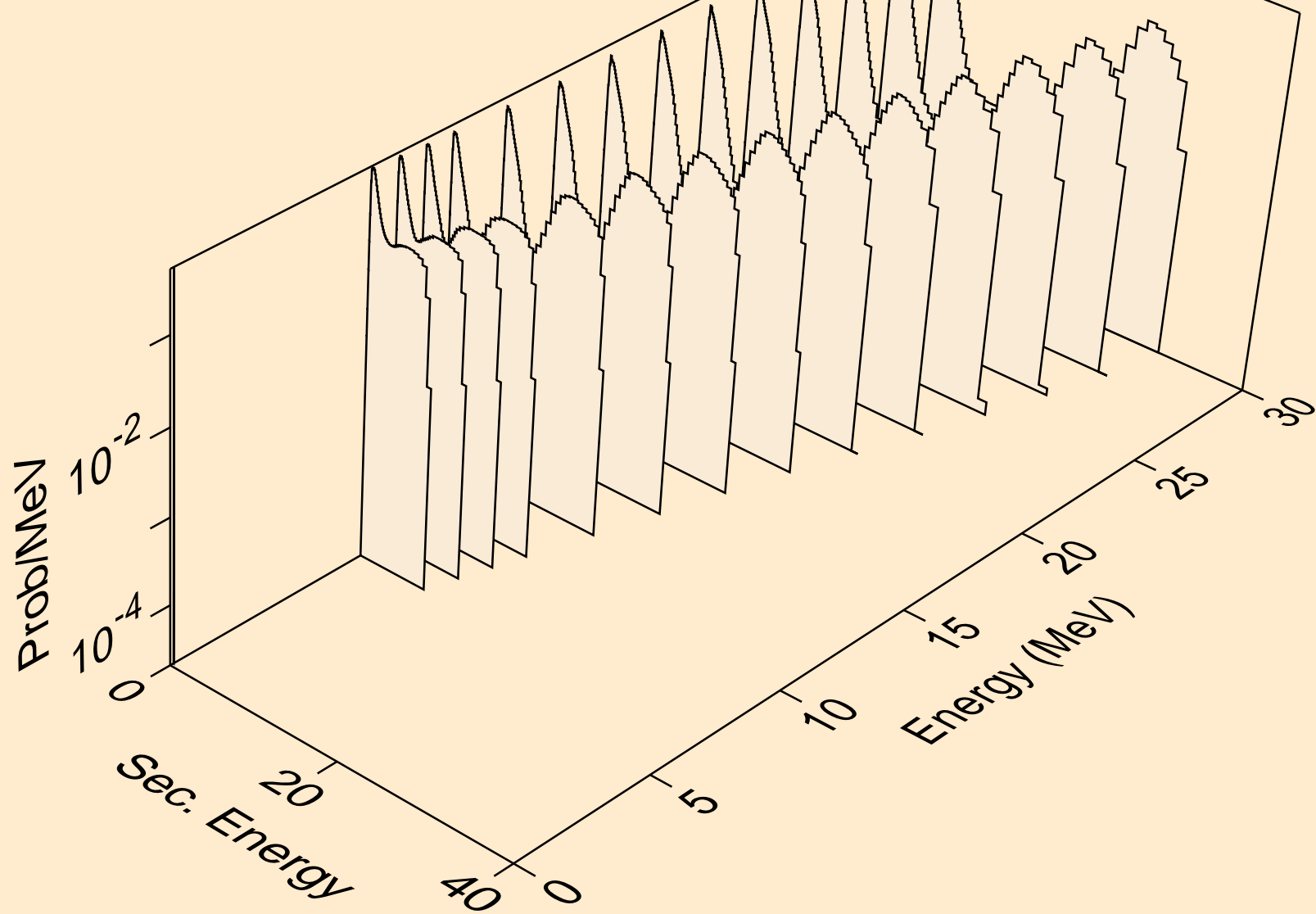
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,x)



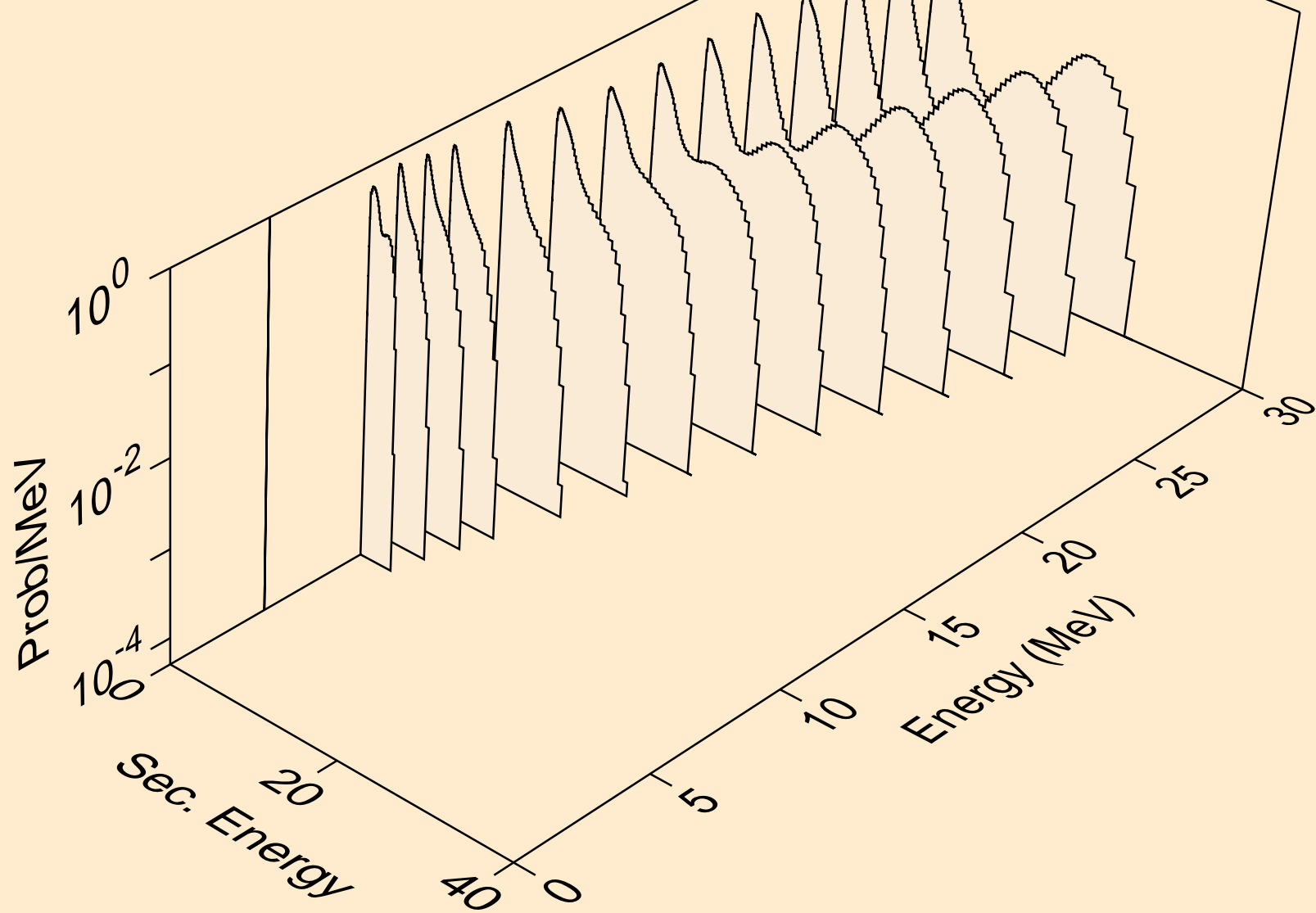
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,2nd)



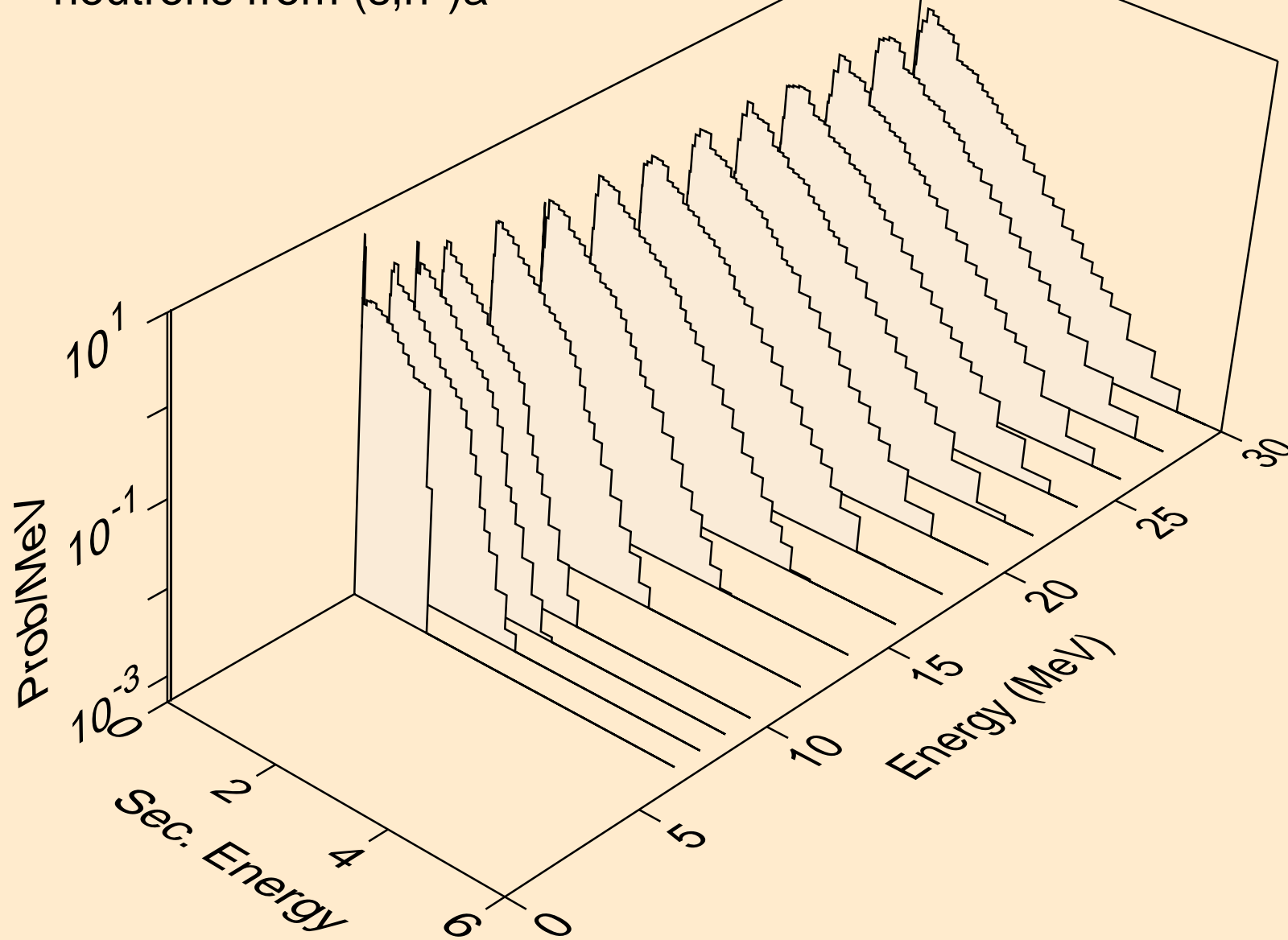
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,2n)



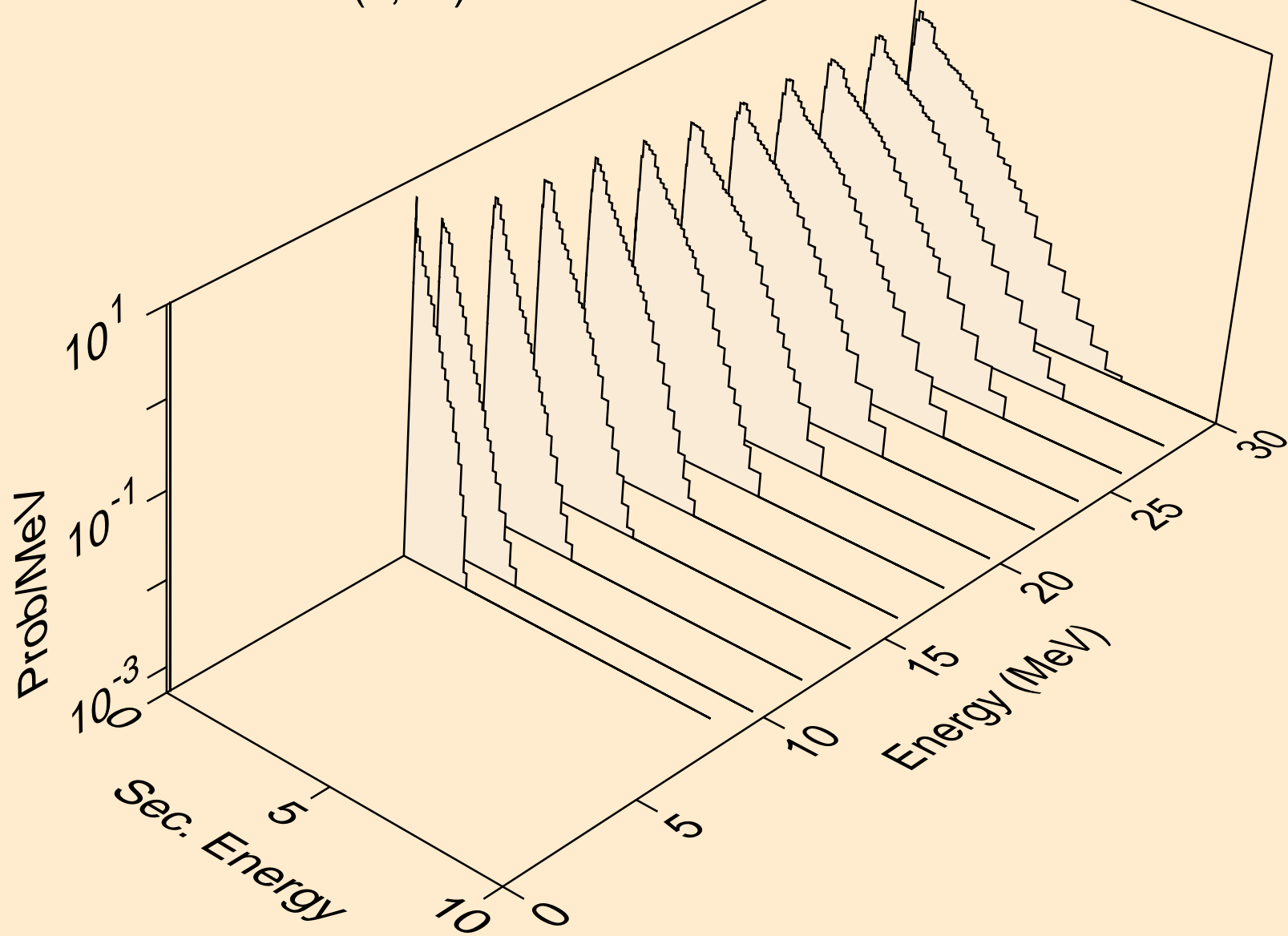
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,3n)



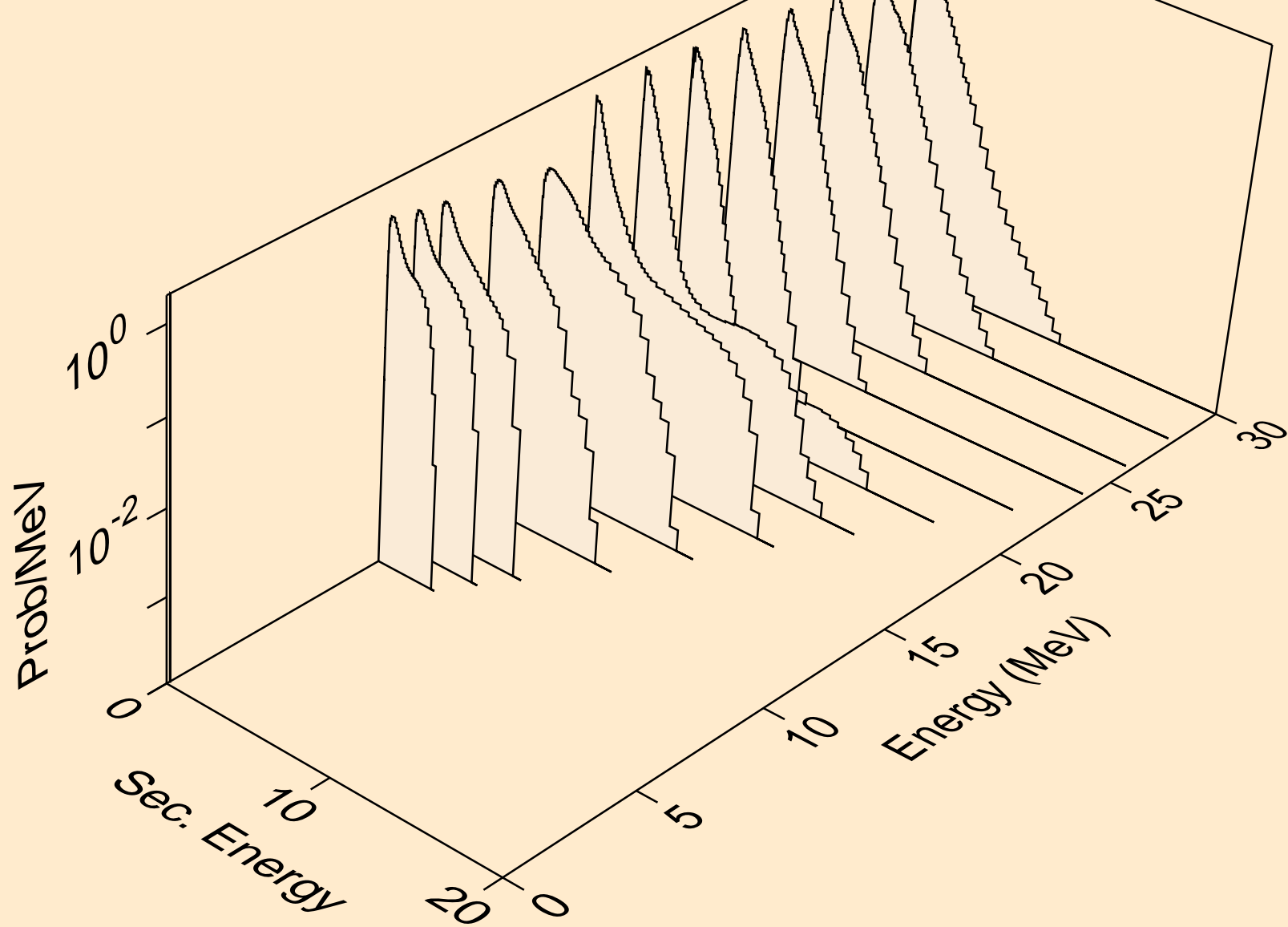
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,n*)a



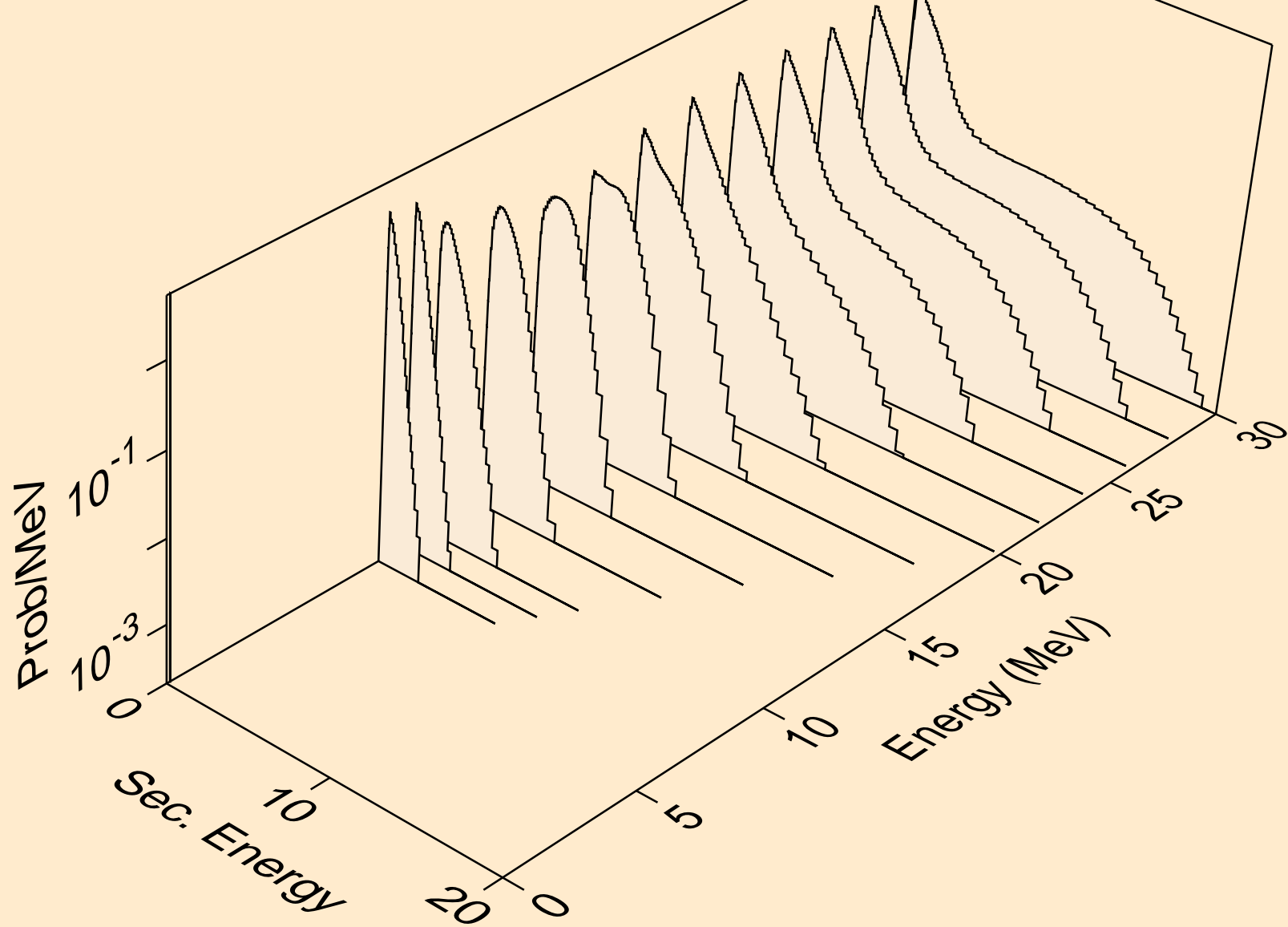
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,2n)a



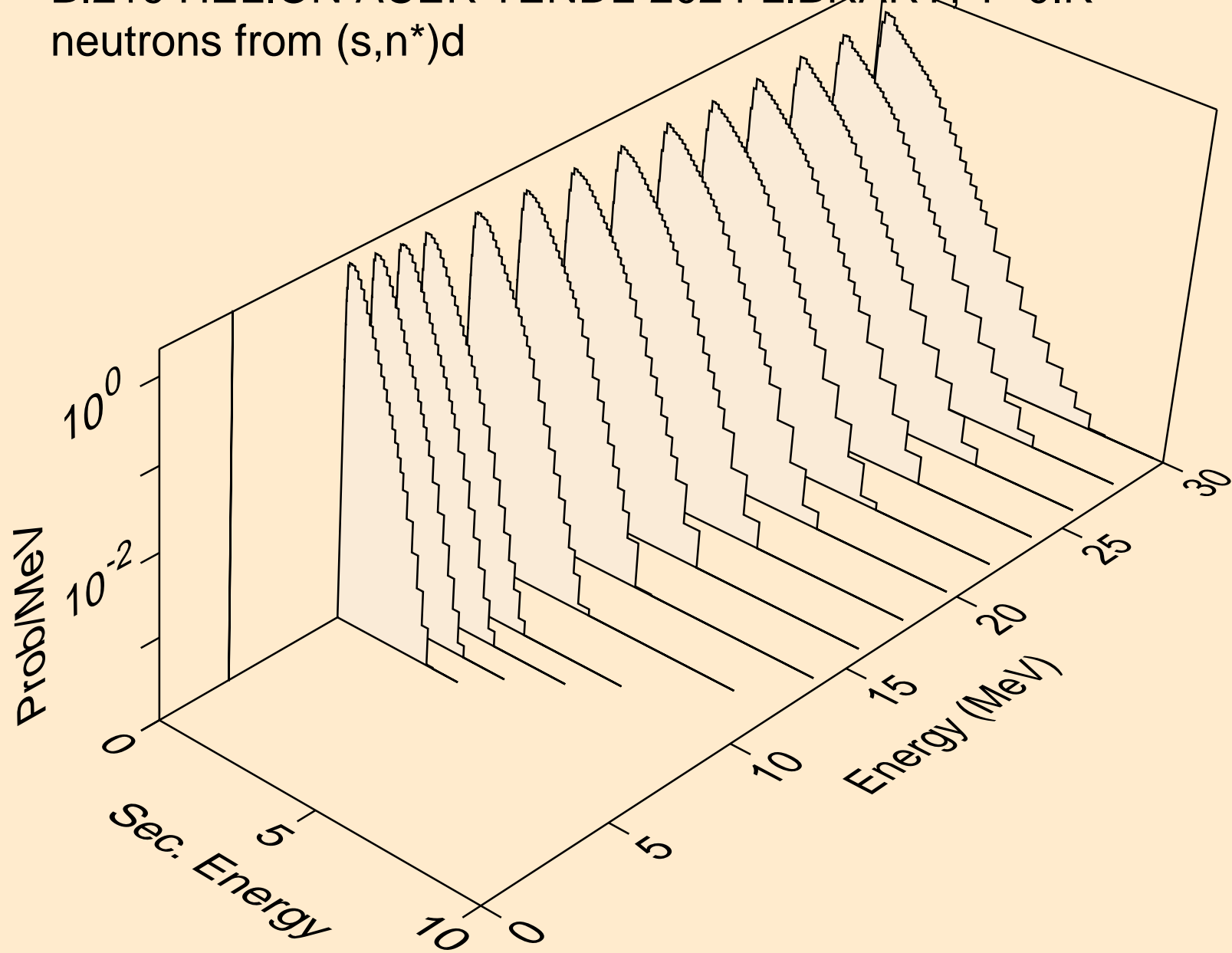
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,3n)a



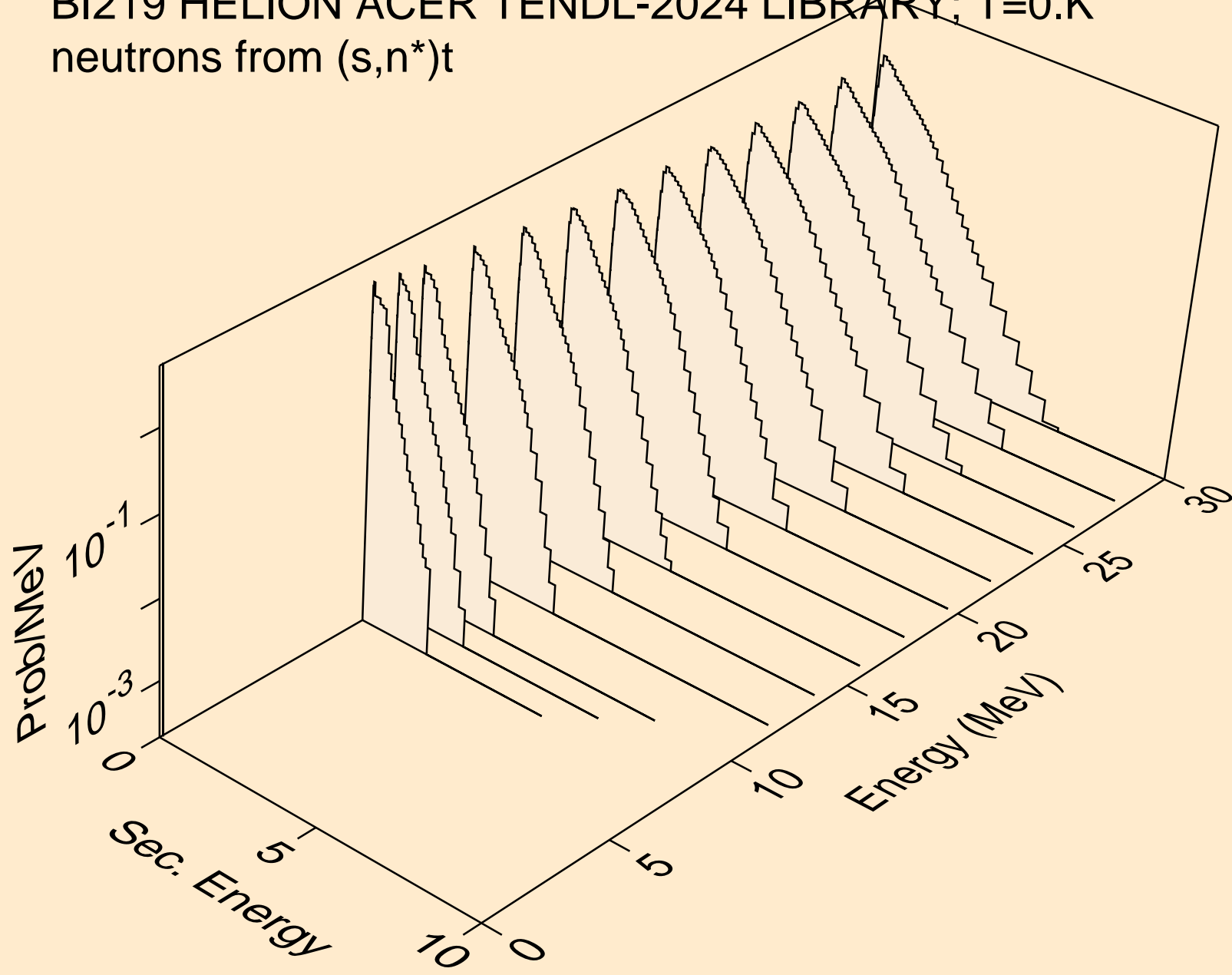
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,n*)p



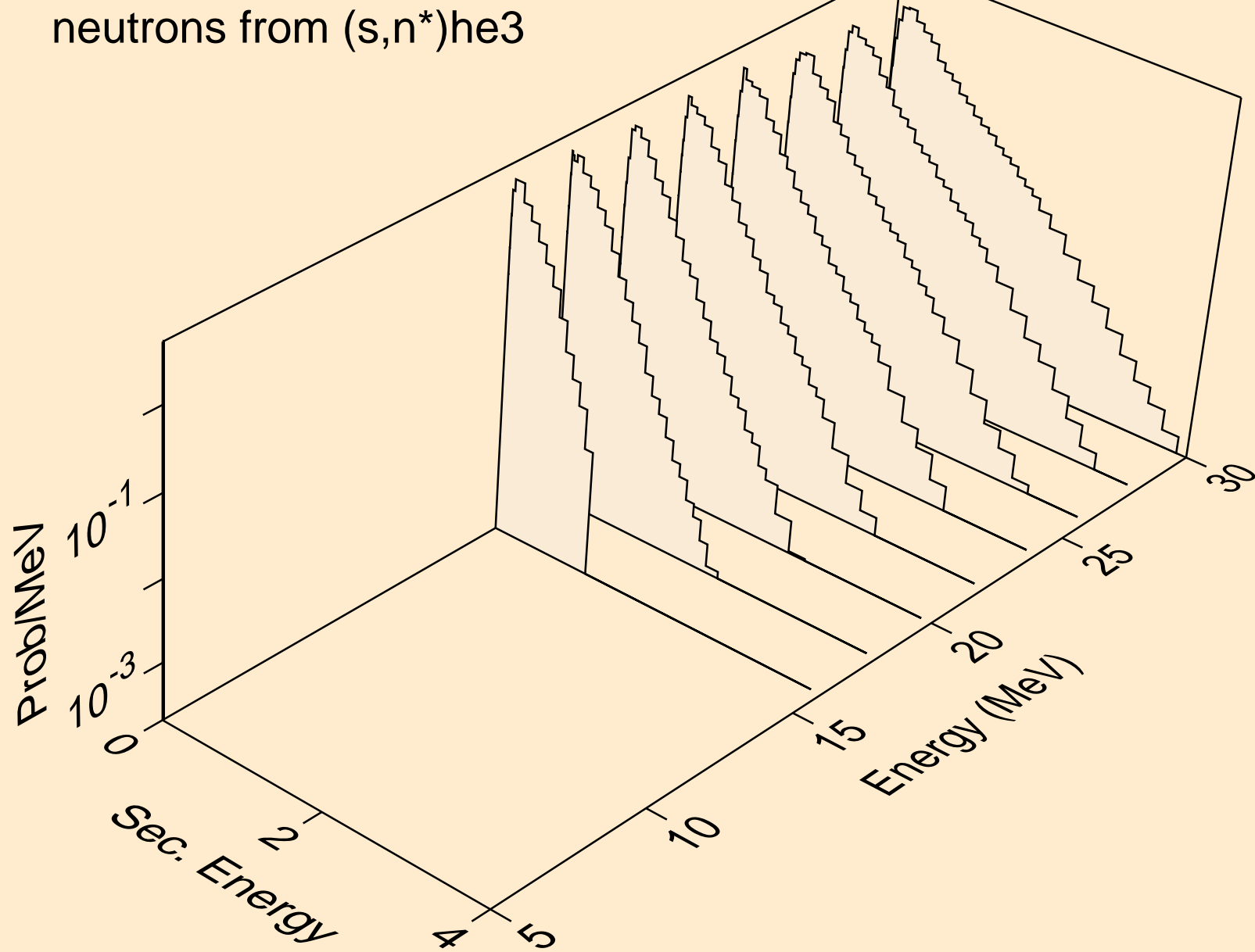
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,n*)d



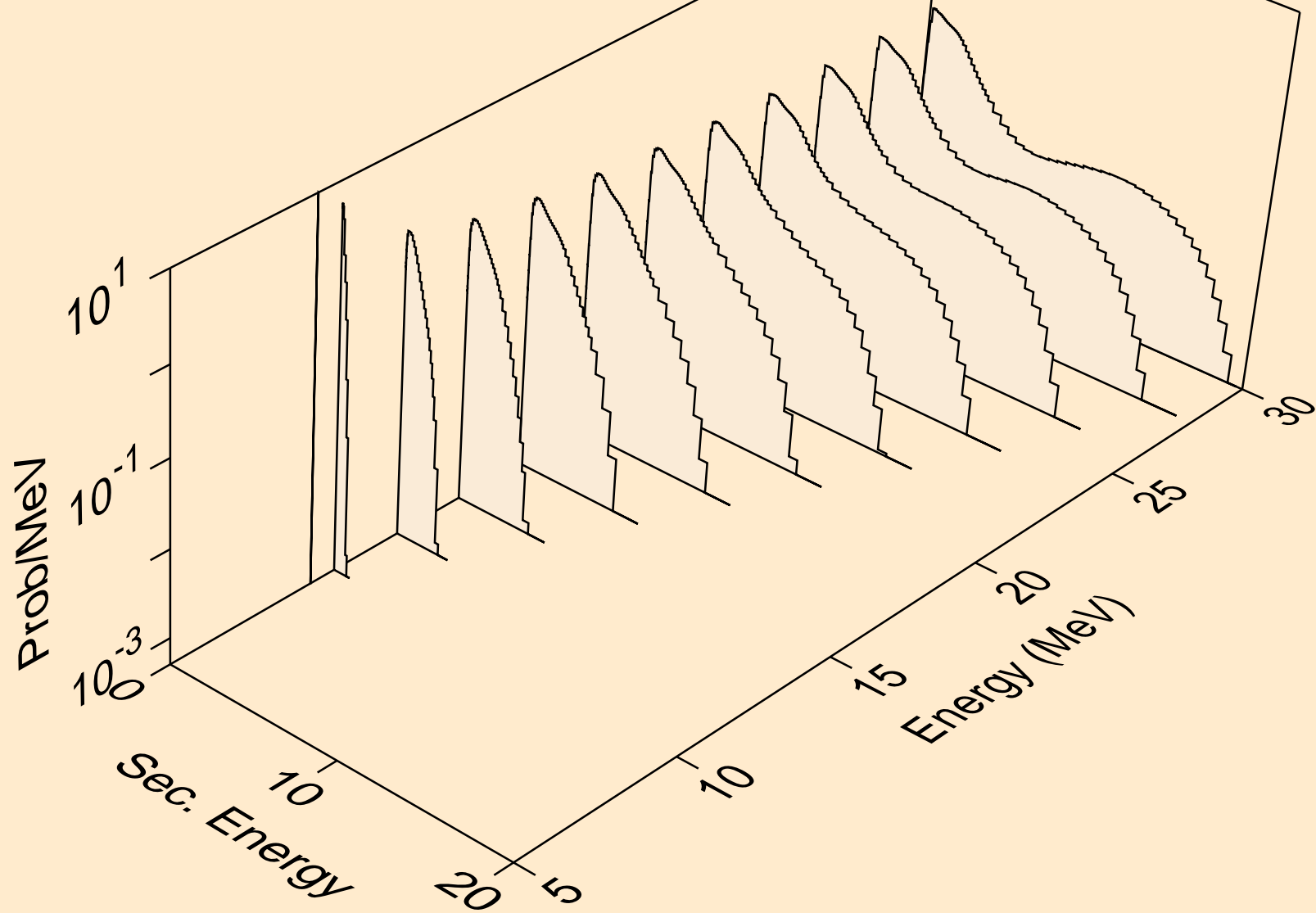
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,n*)t



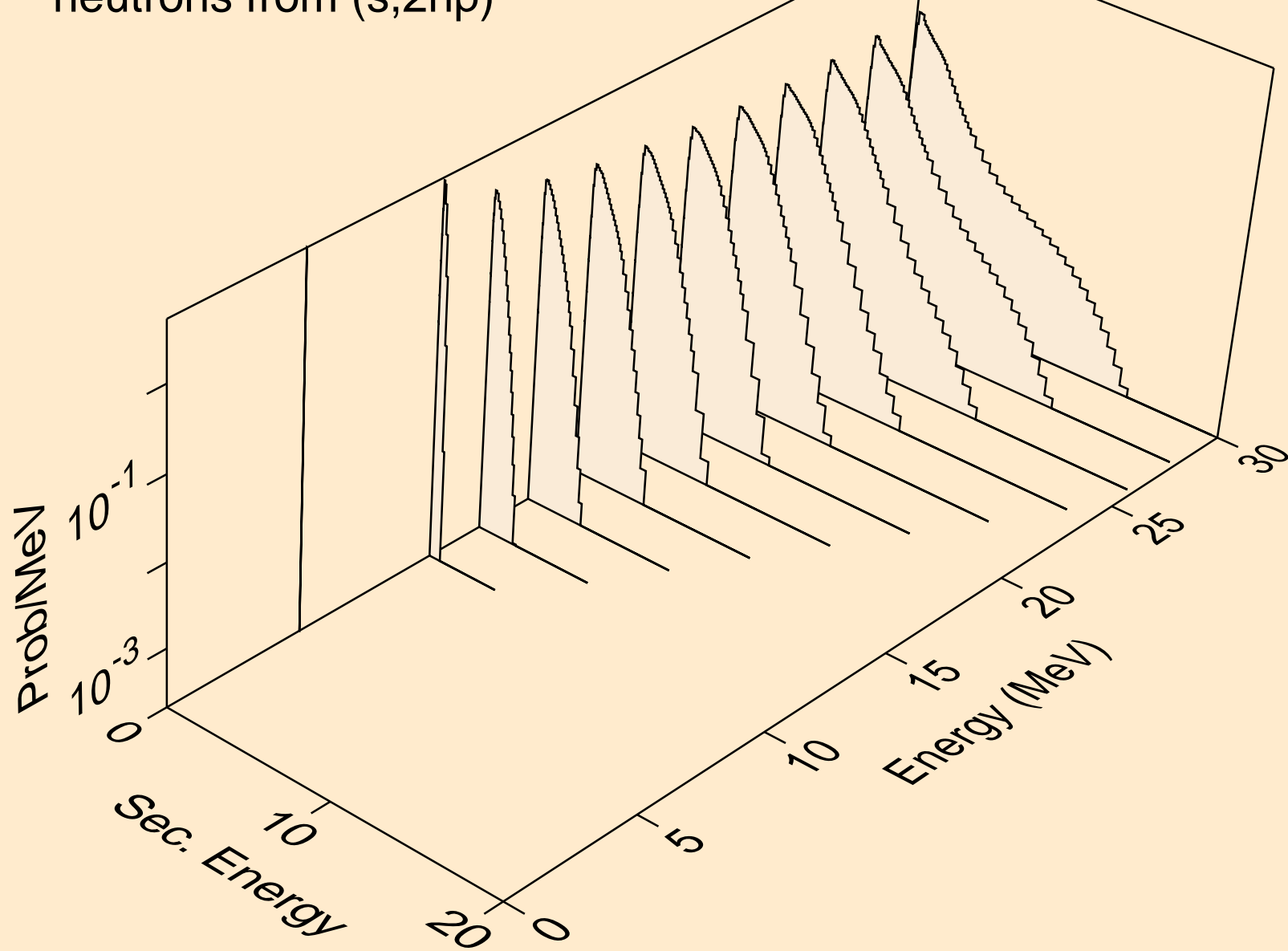
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,n*)he3



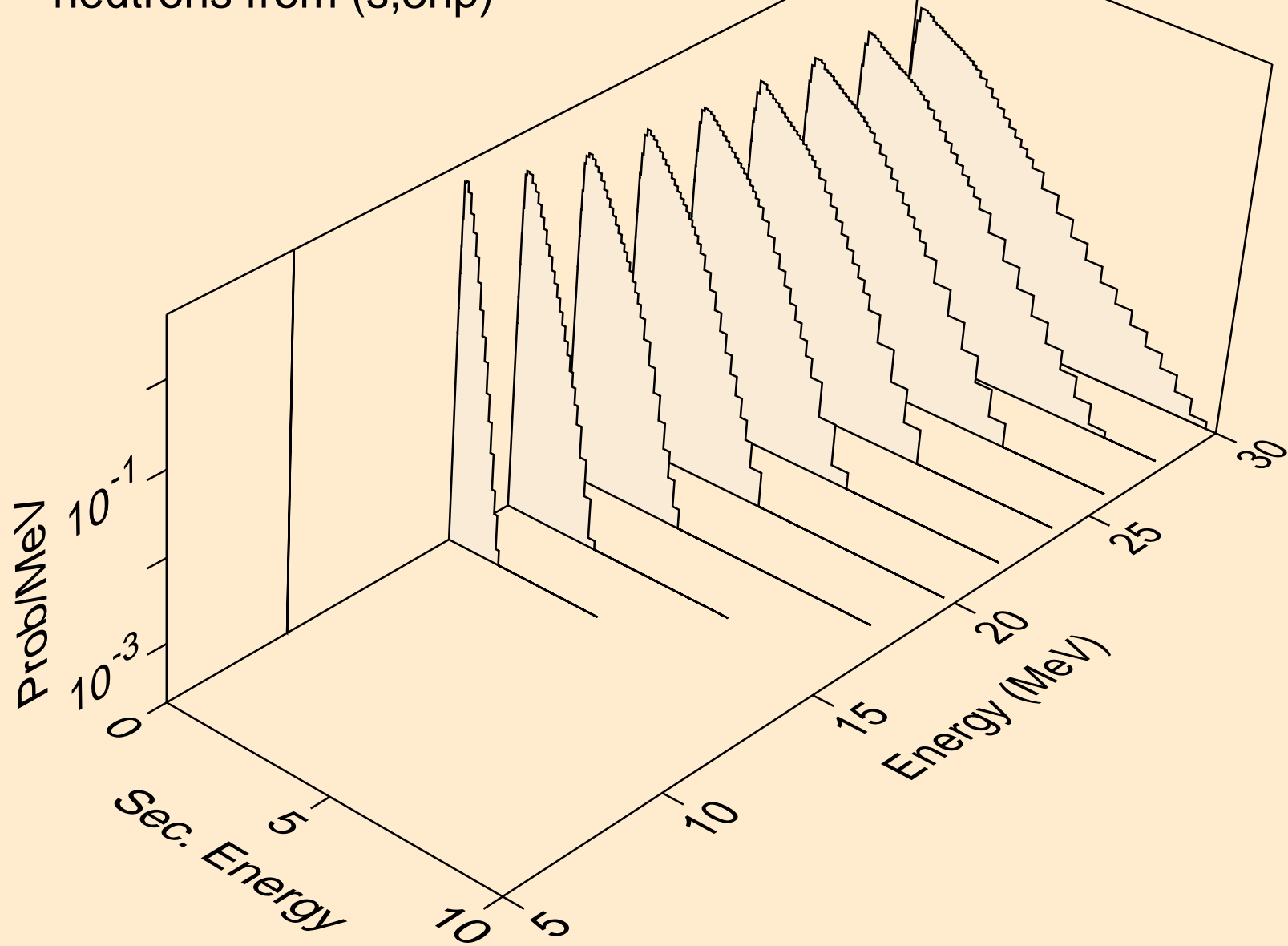
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,4n)



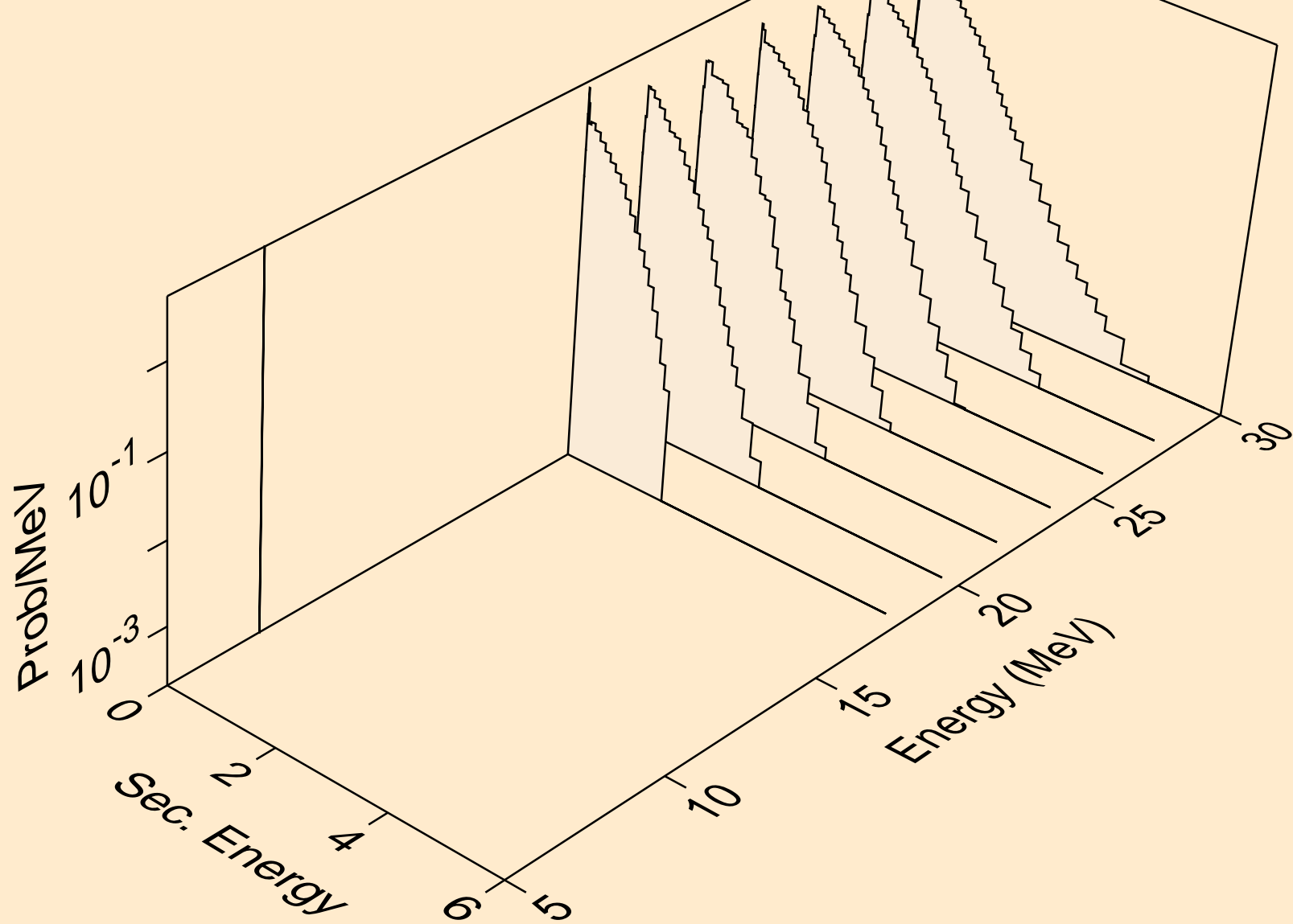
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,2np)



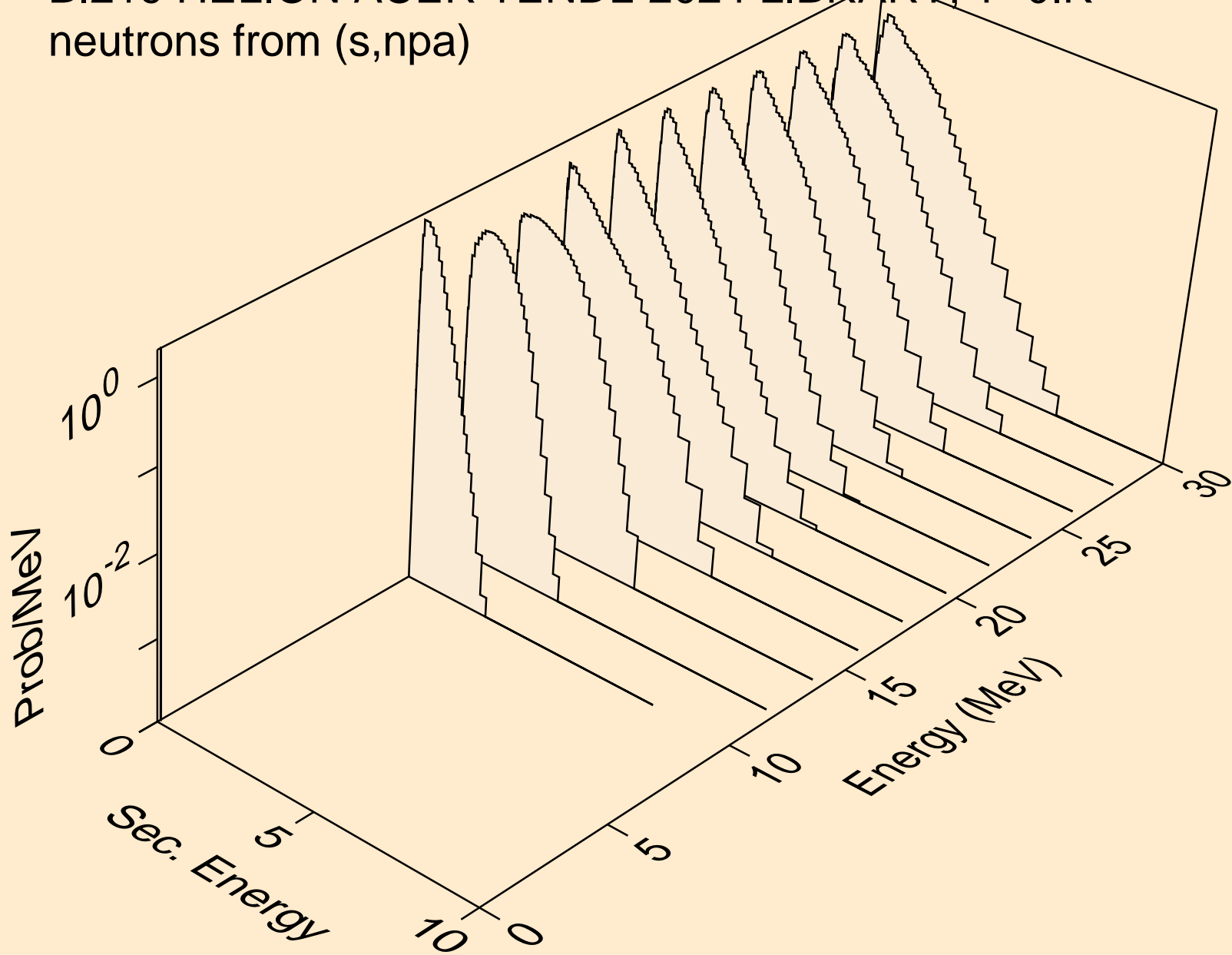
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,3np)



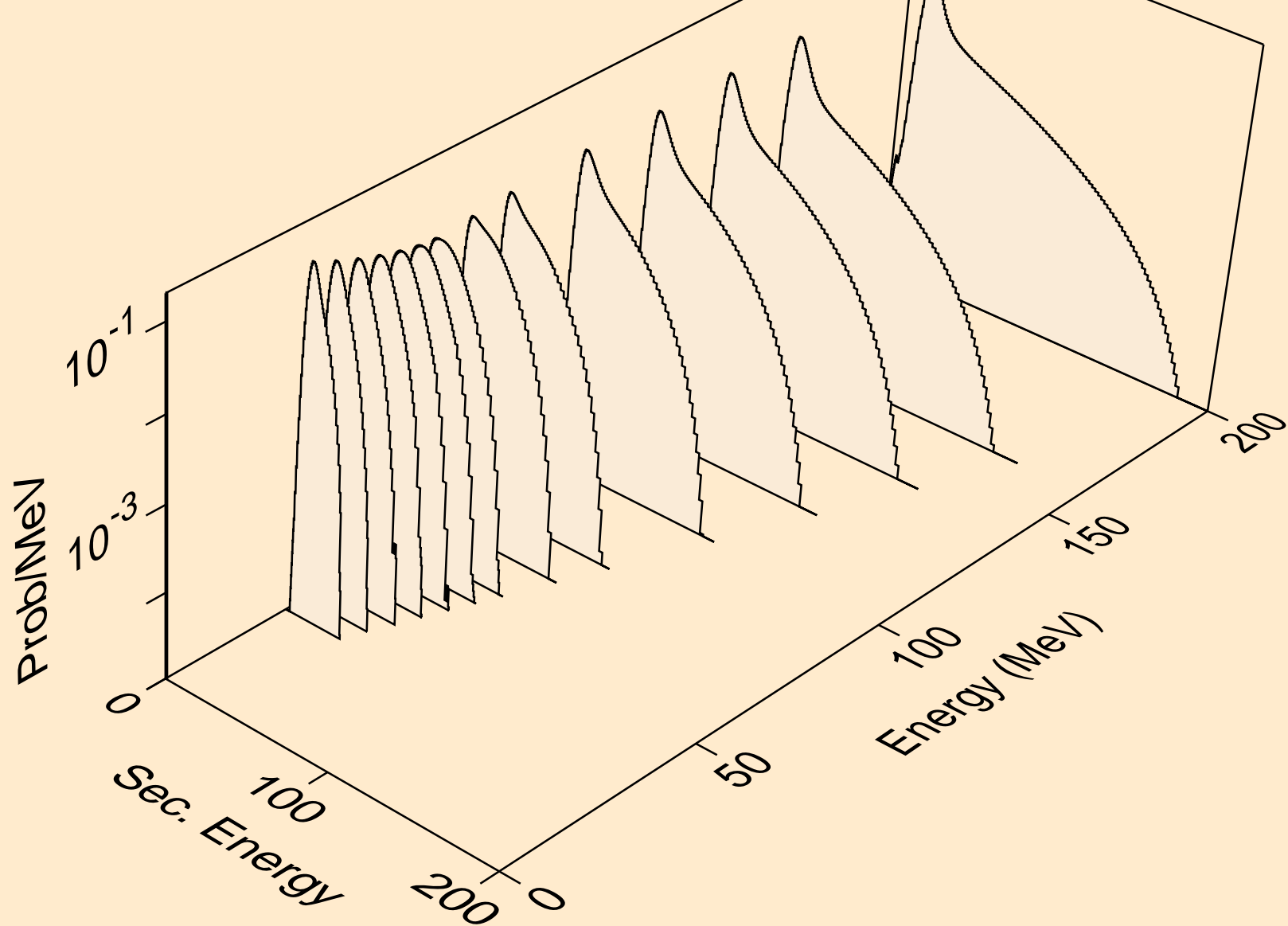
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,n2p)



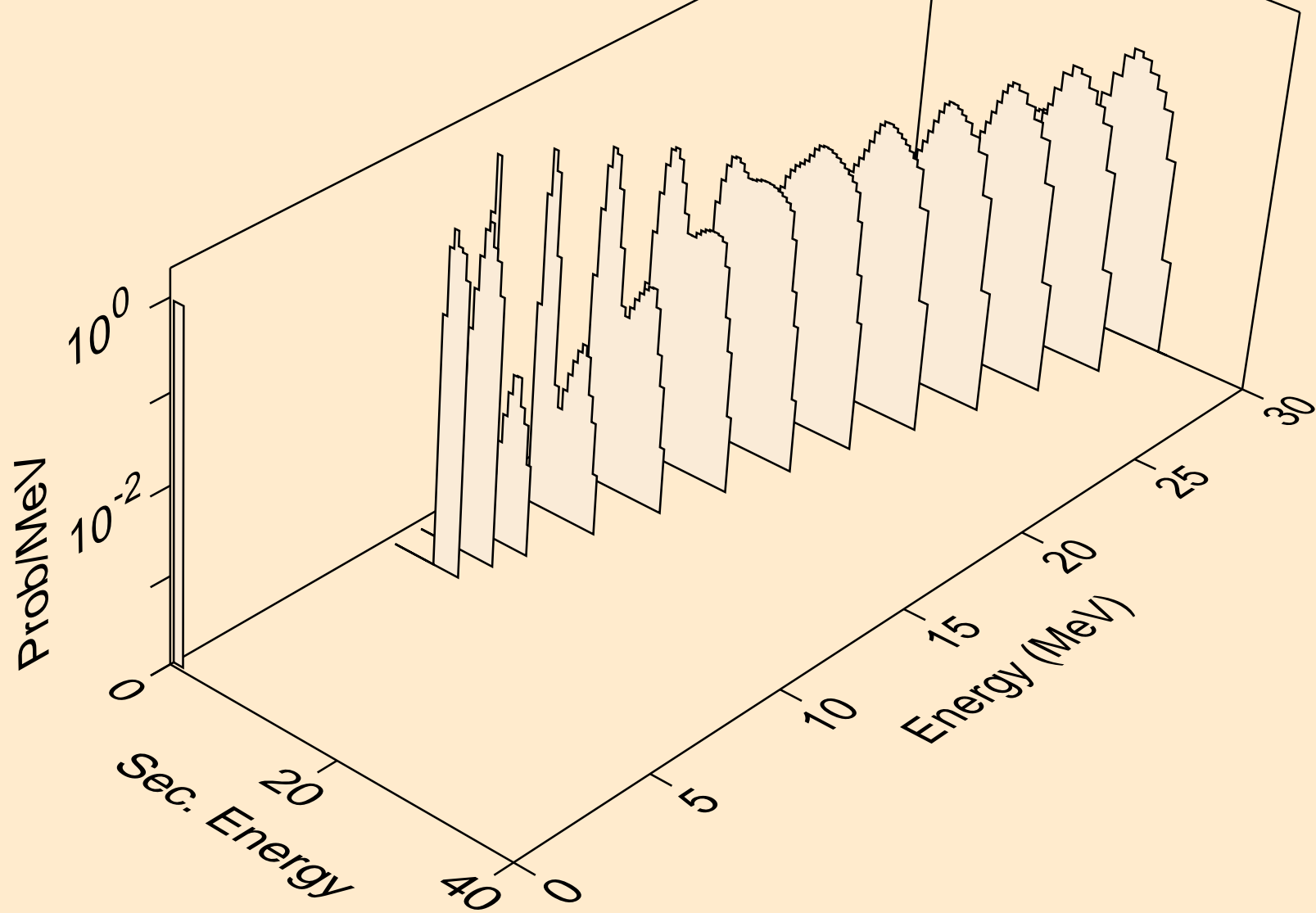
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,npa)



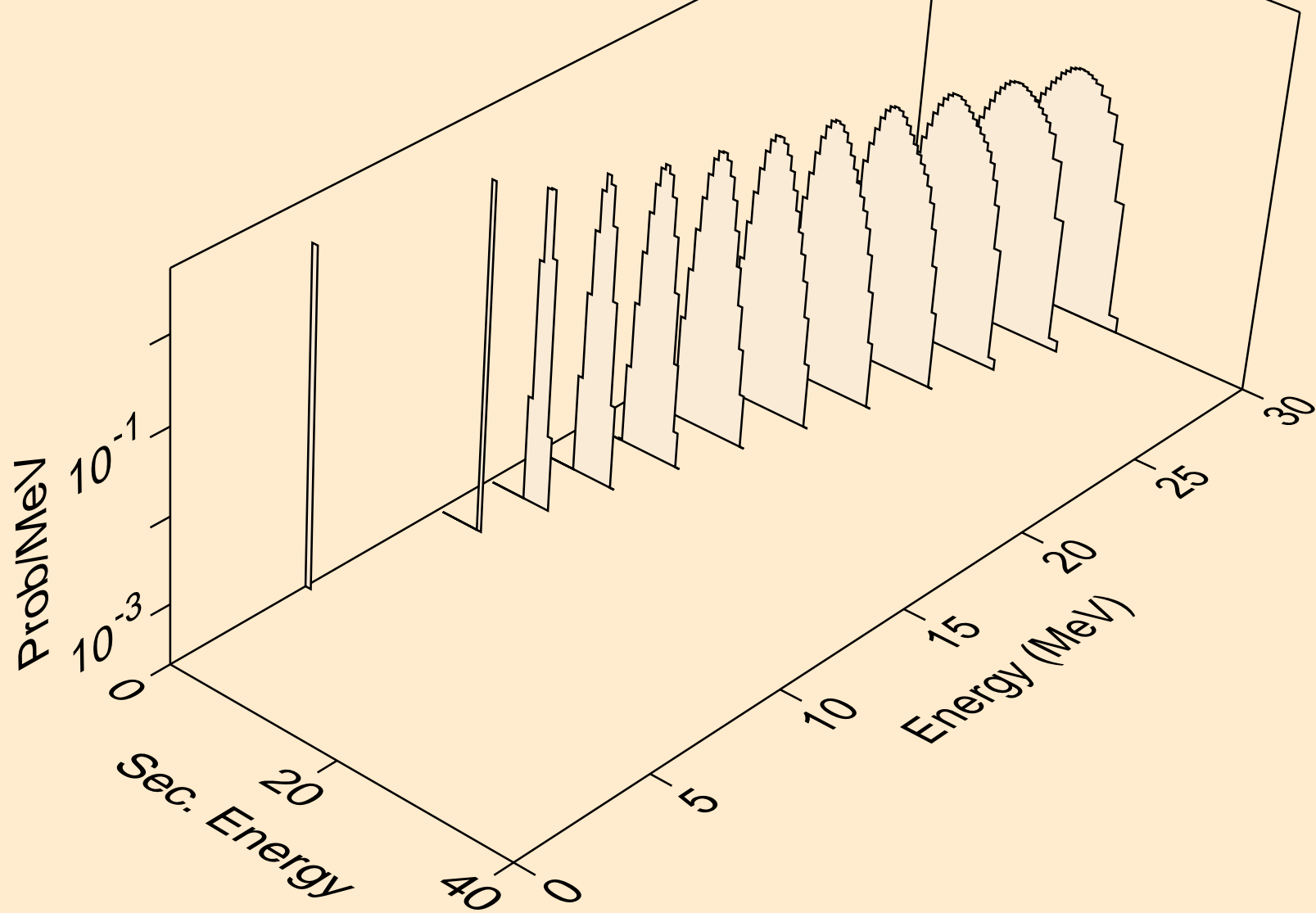
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
protons from (s,x)



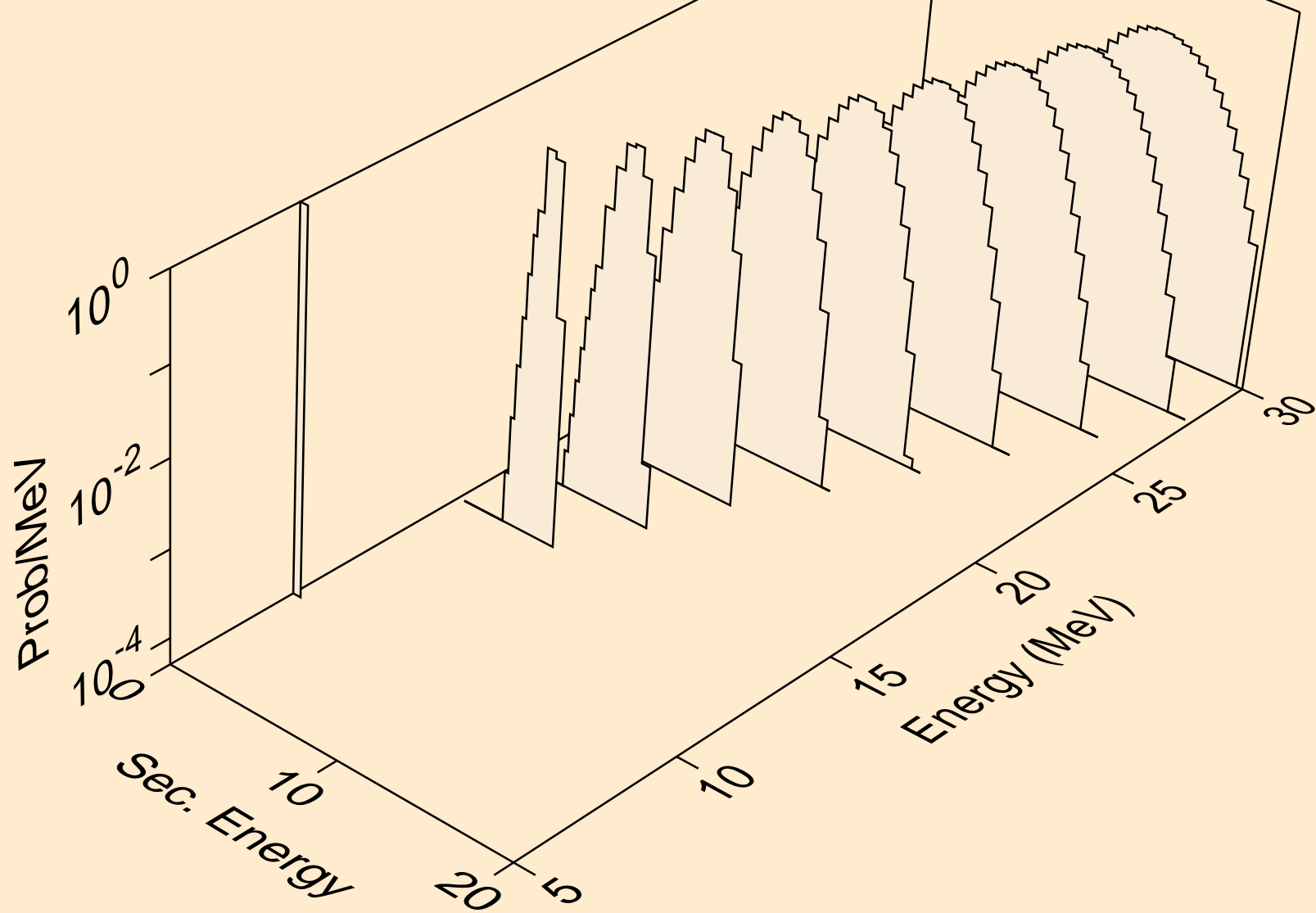
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
protons from (s,n*)p



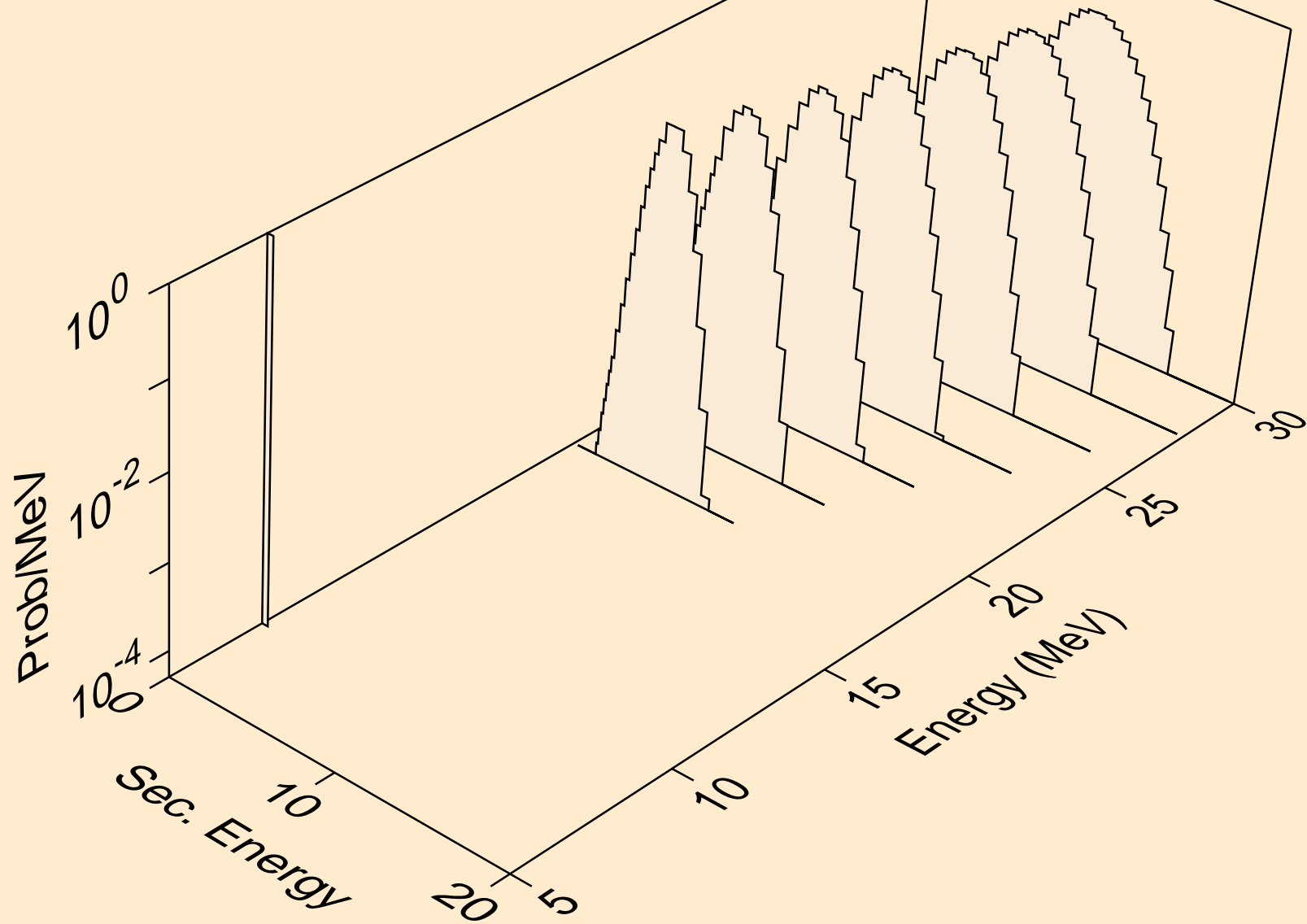
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
protons from (s,2np)



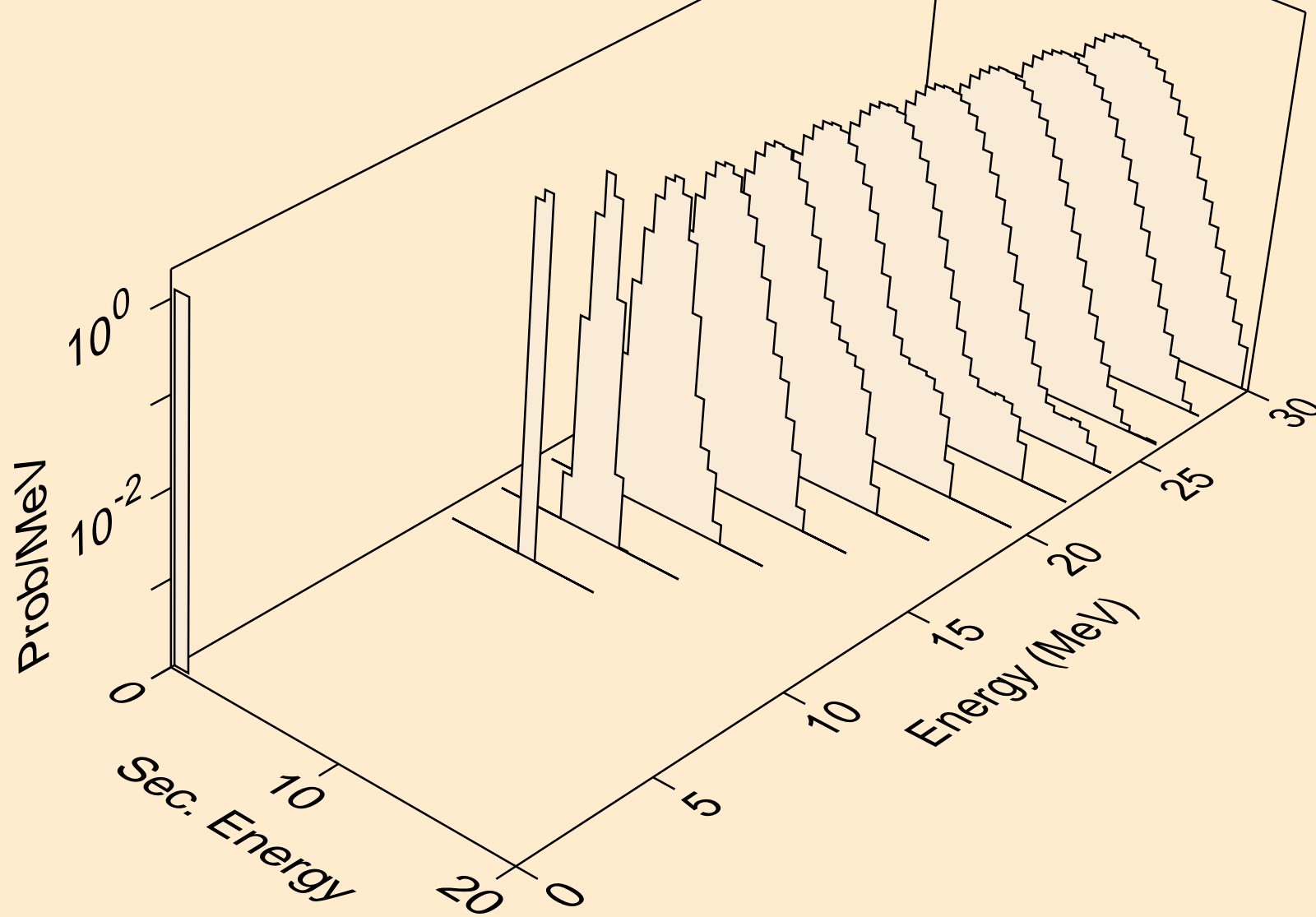
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
protons from (s,3np)



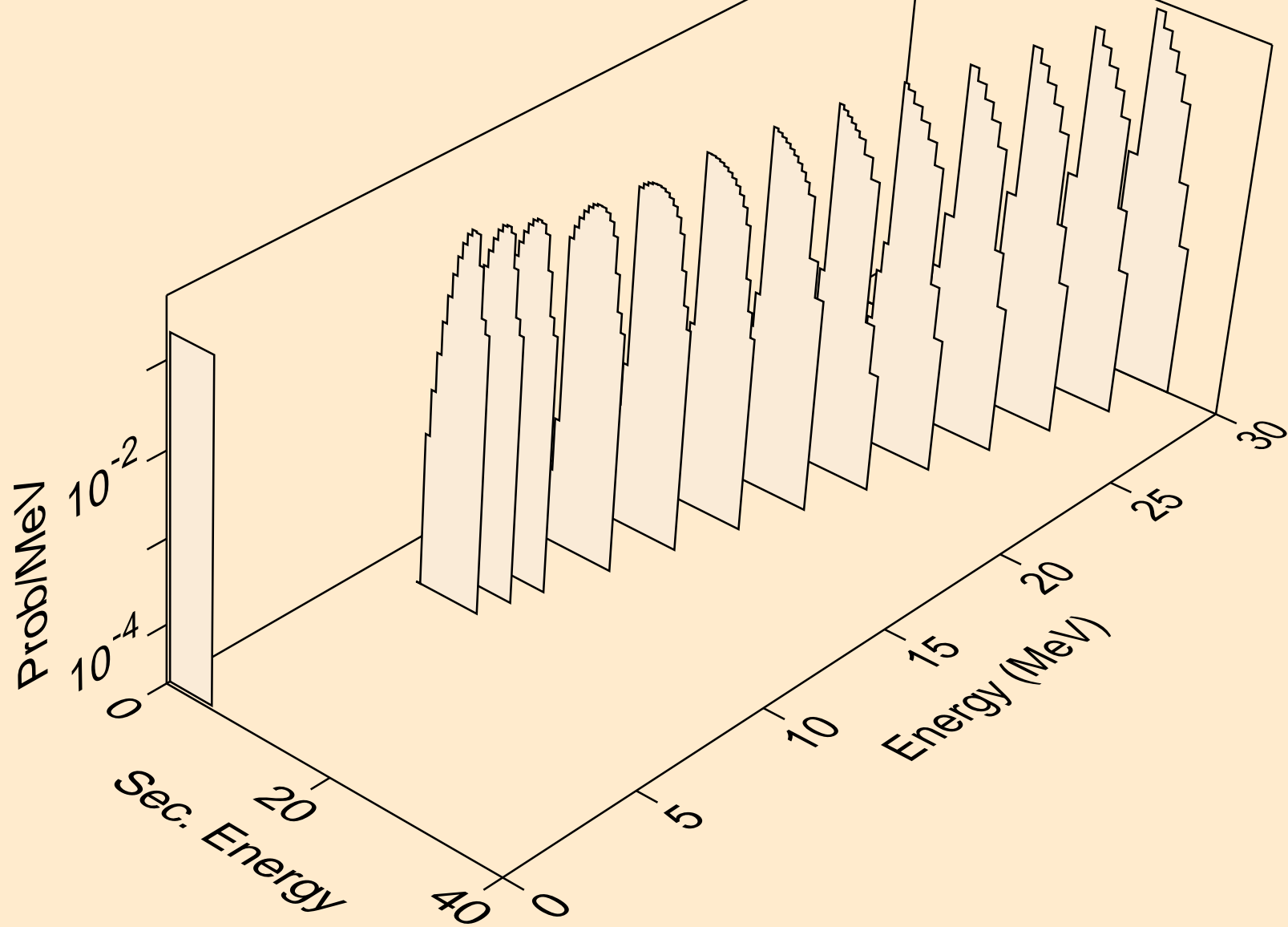
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
protons from (s,n2p)



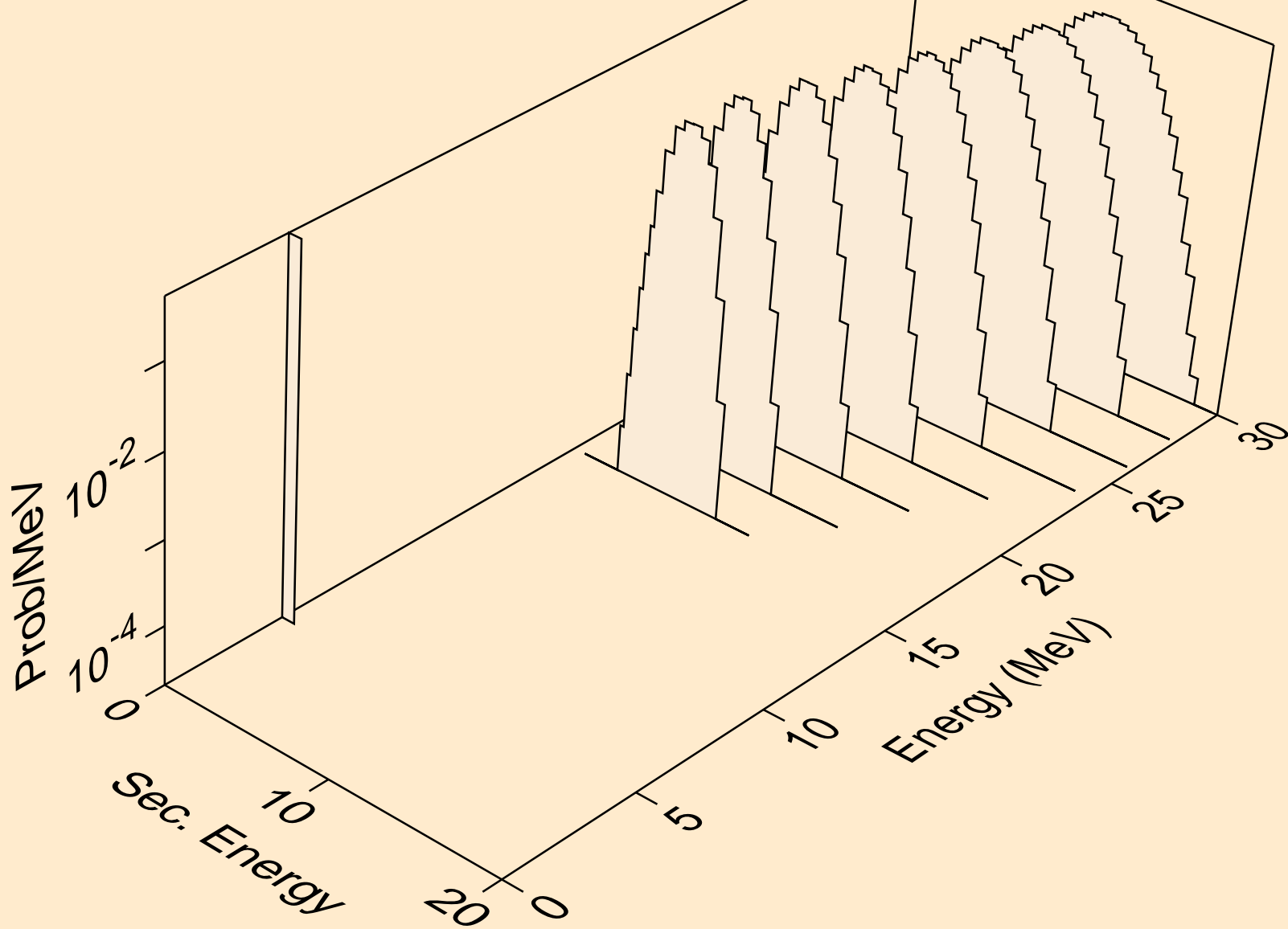
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
protons from (s,npa)



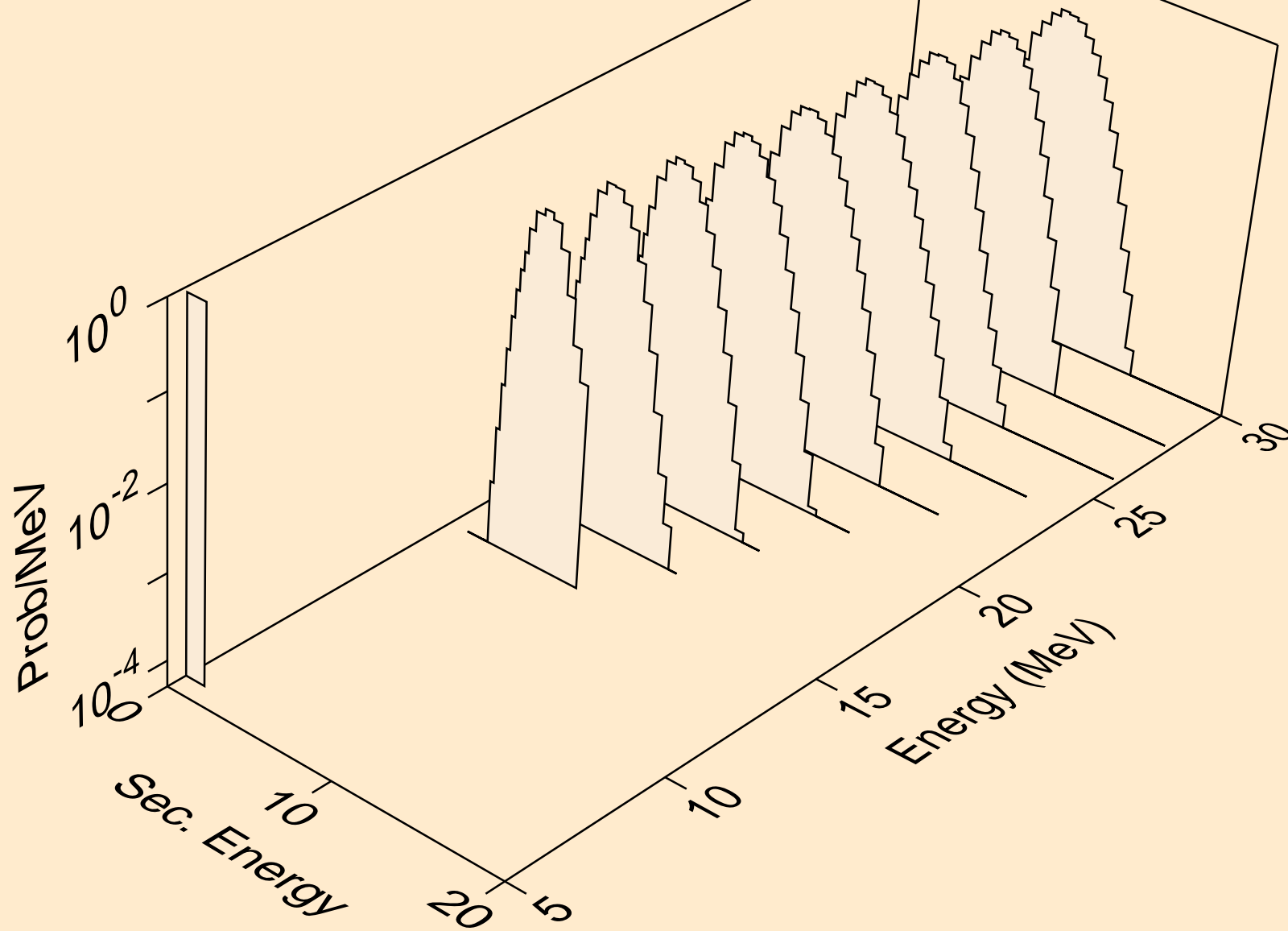
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
protons from (s,p)



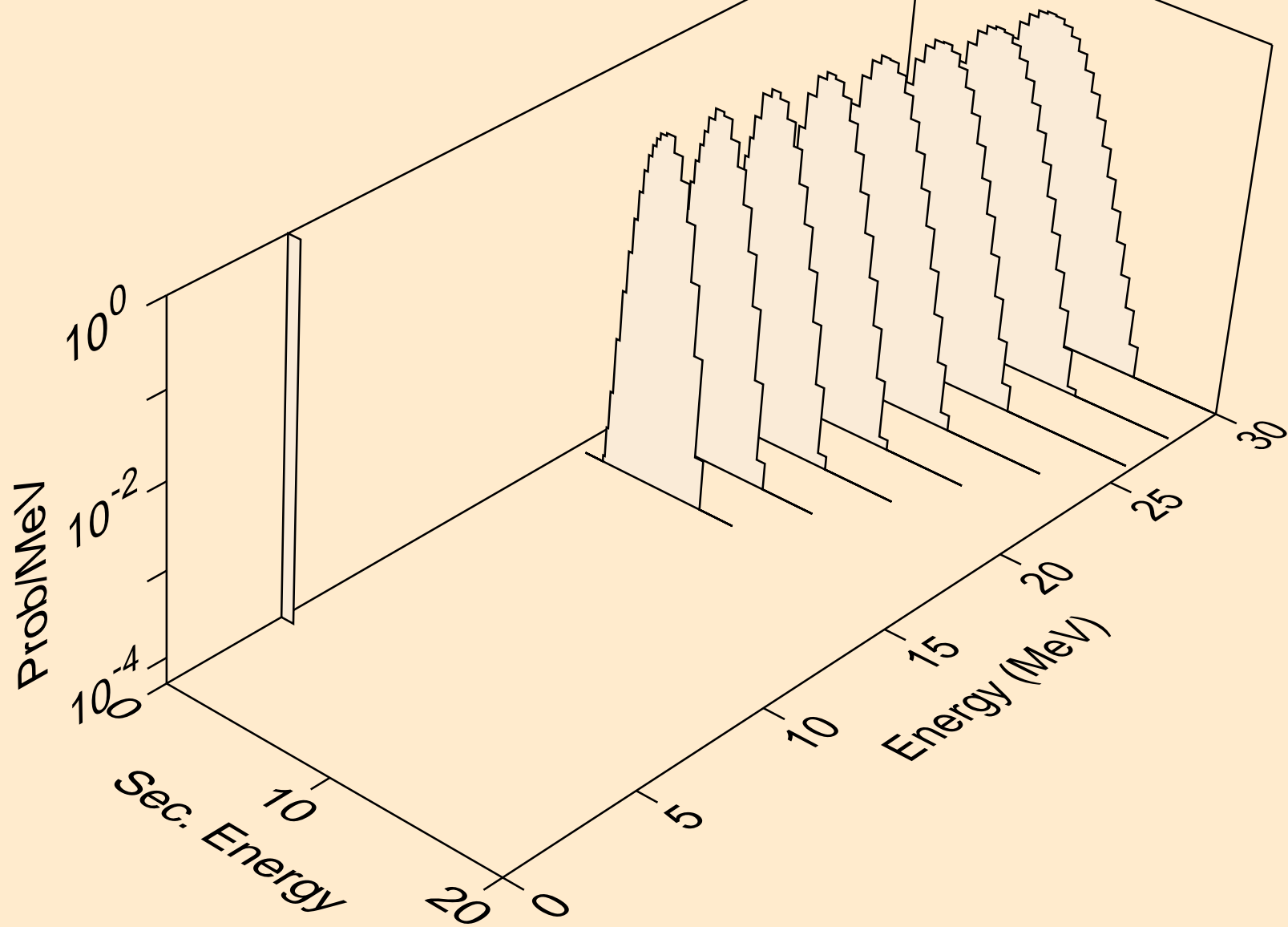
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
protons from (s,2p)



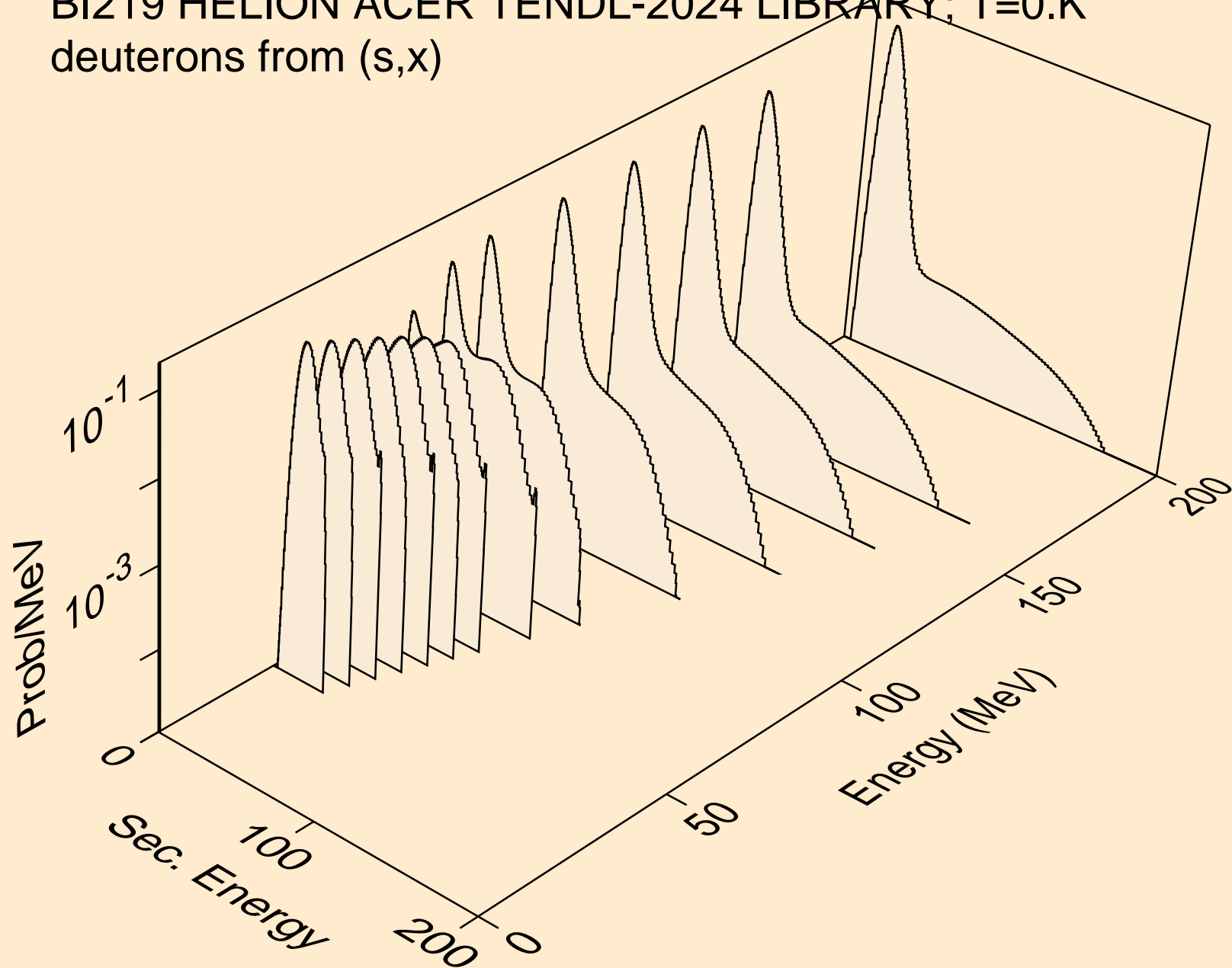
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
protons from (s,pd)



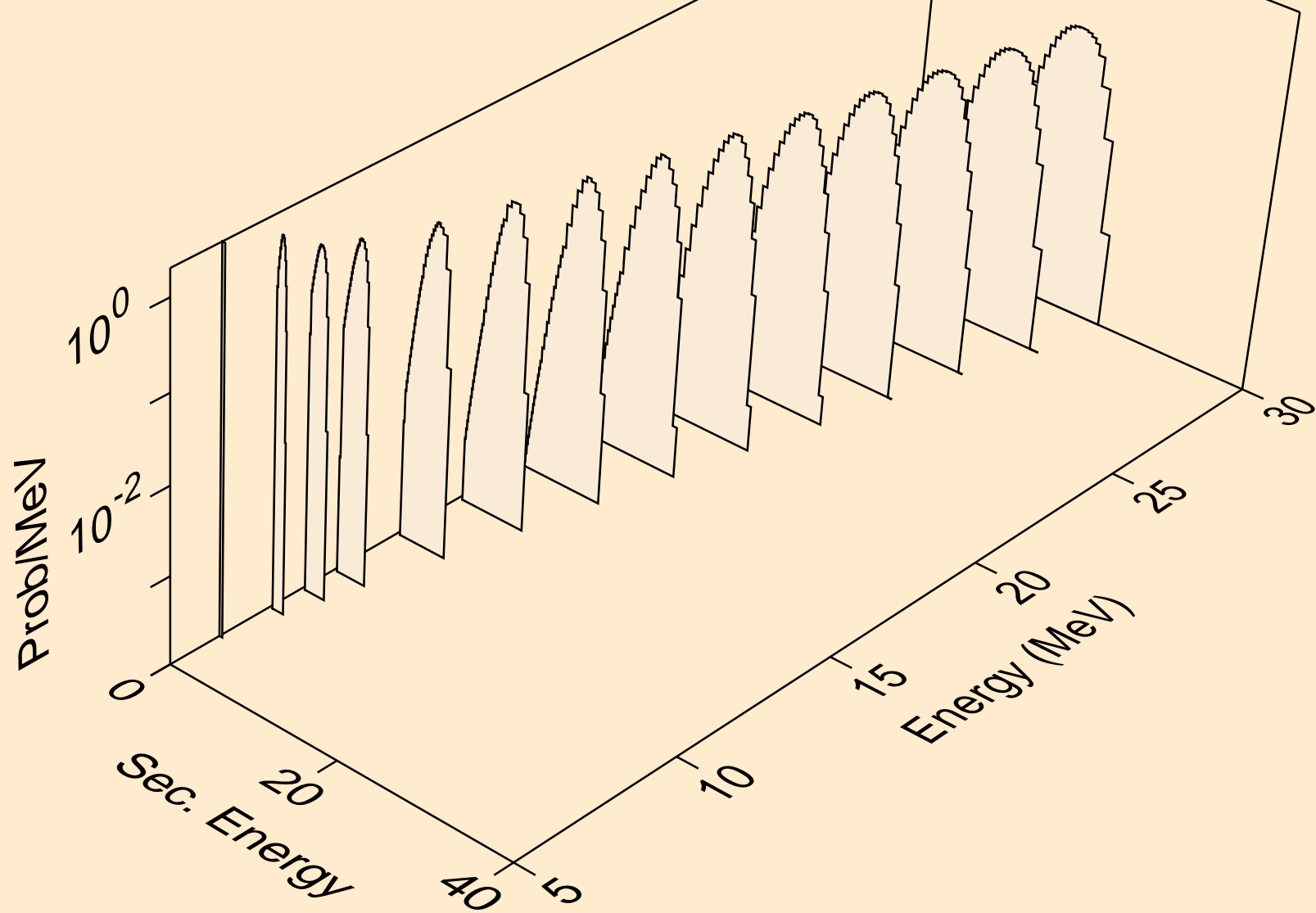
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
protons from (s,pt)



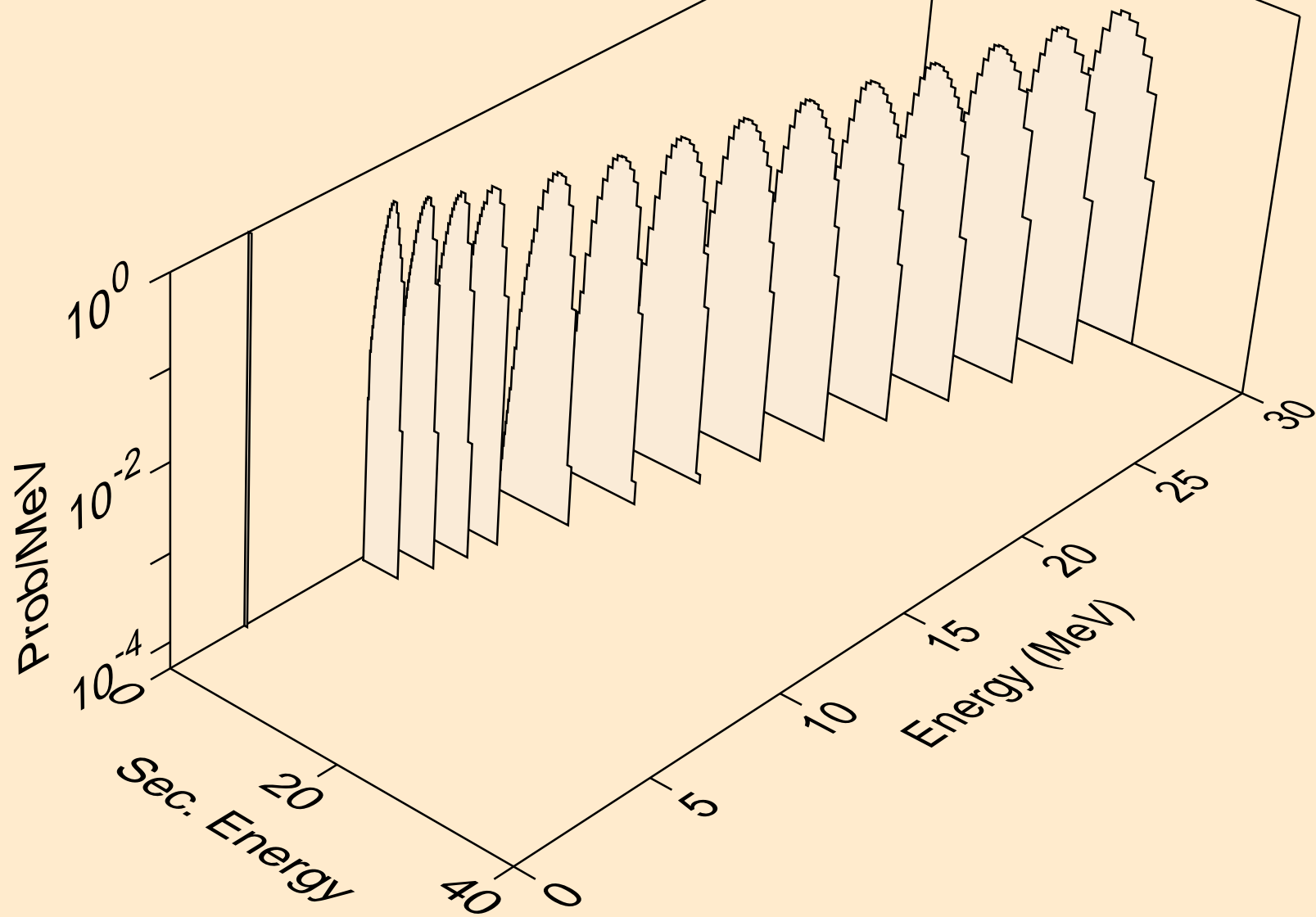
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (s,x)



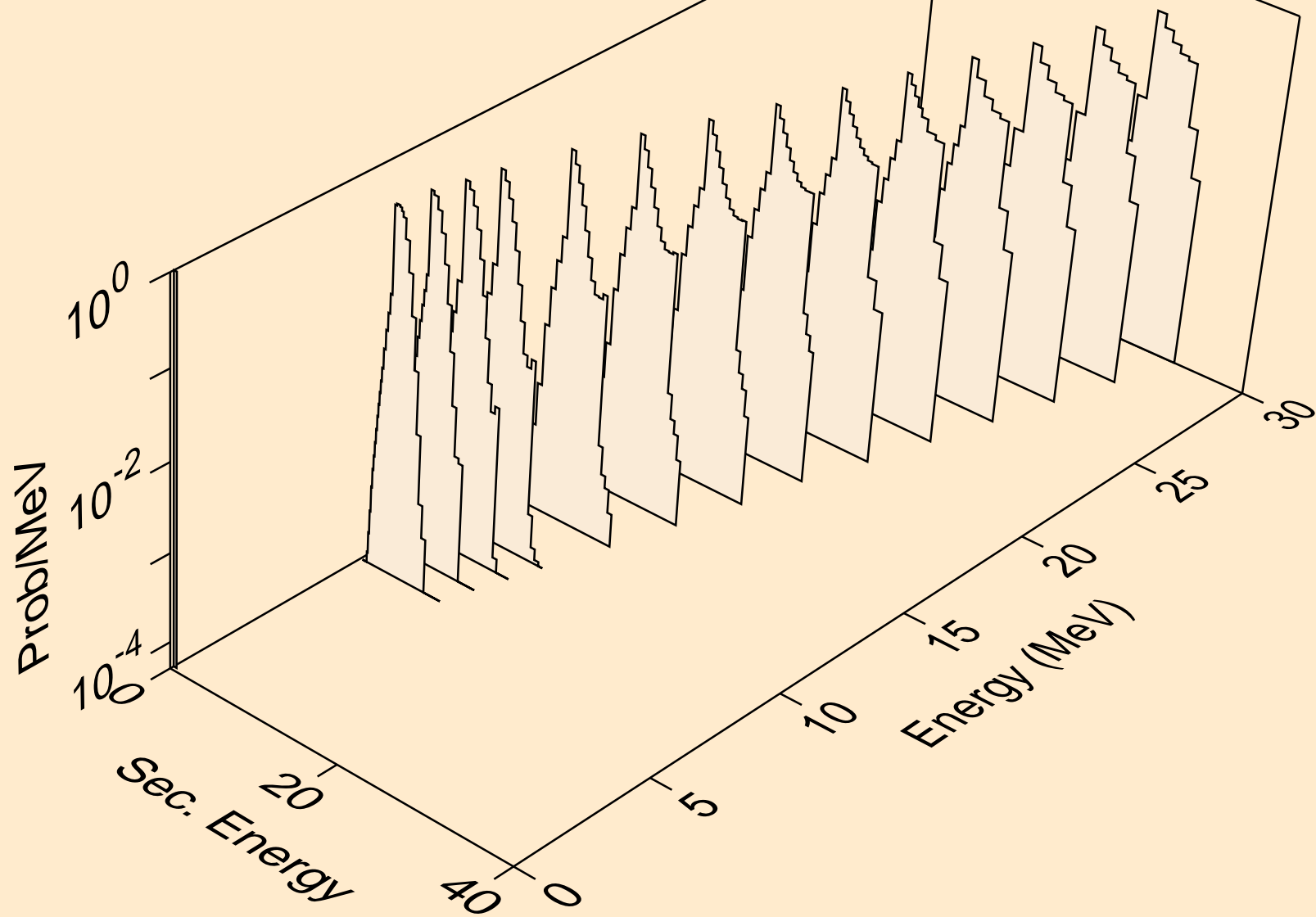
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (s,2nd)



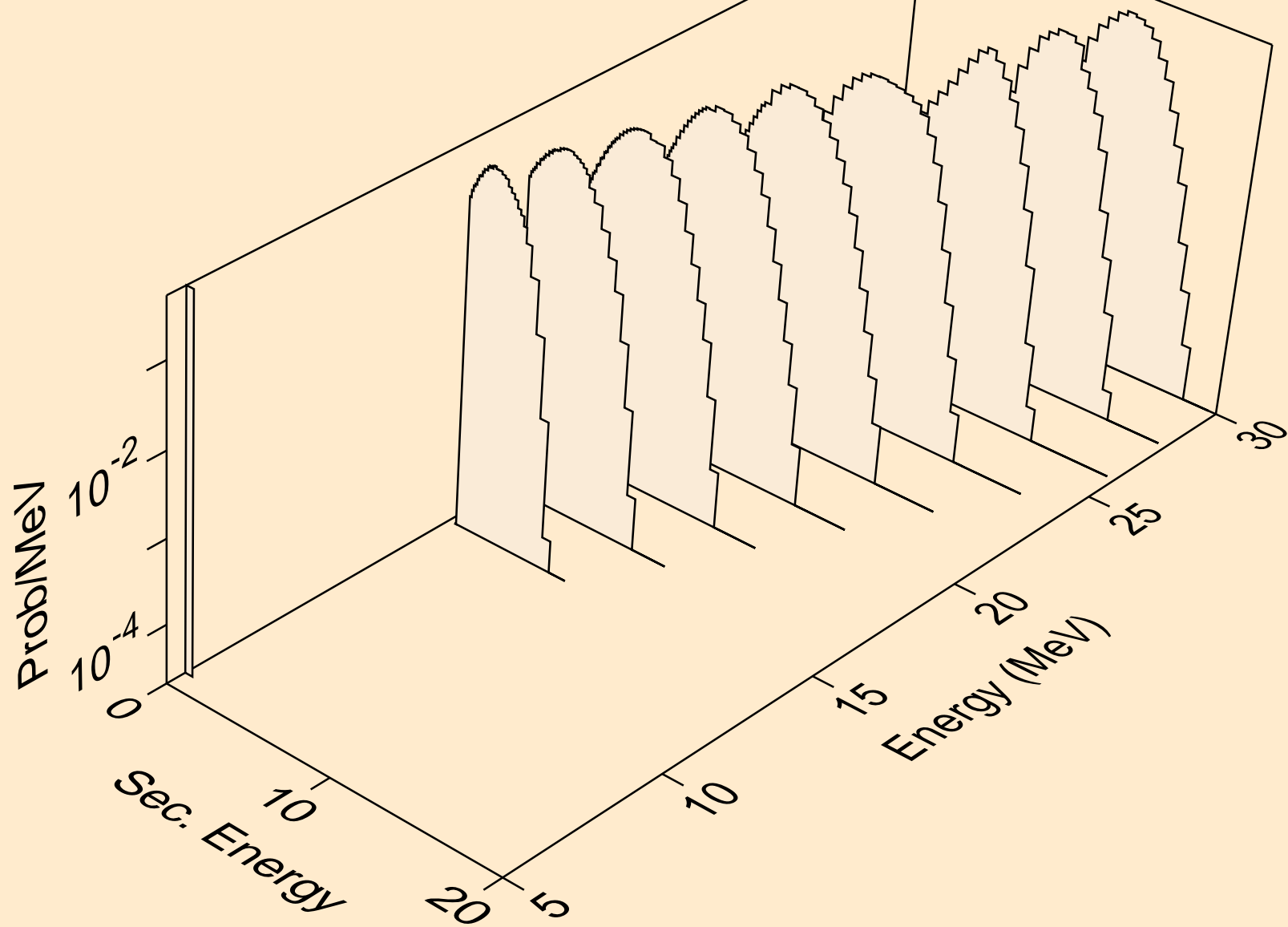
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (s,n*)d



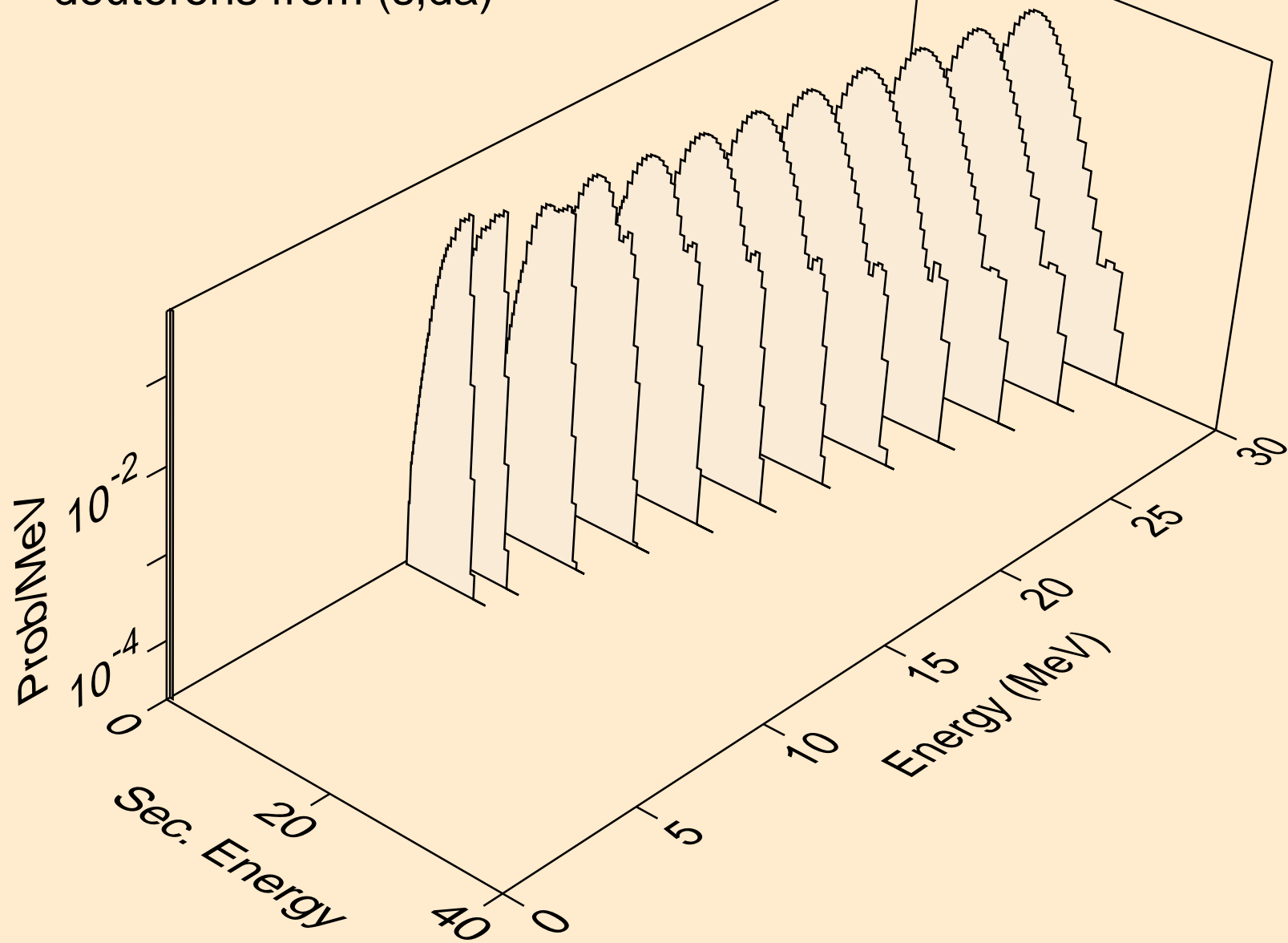
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (s,d)



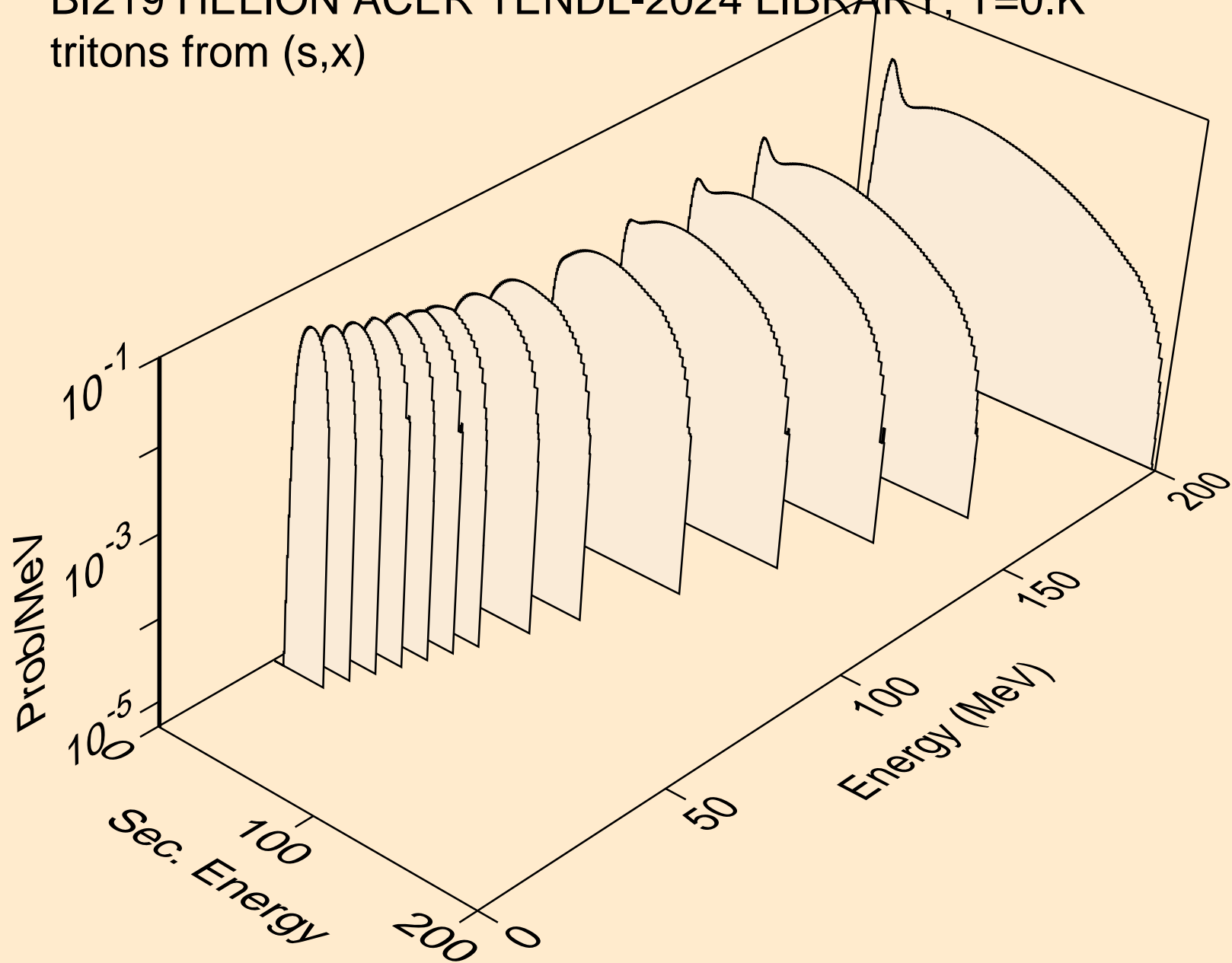
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (s,pd)



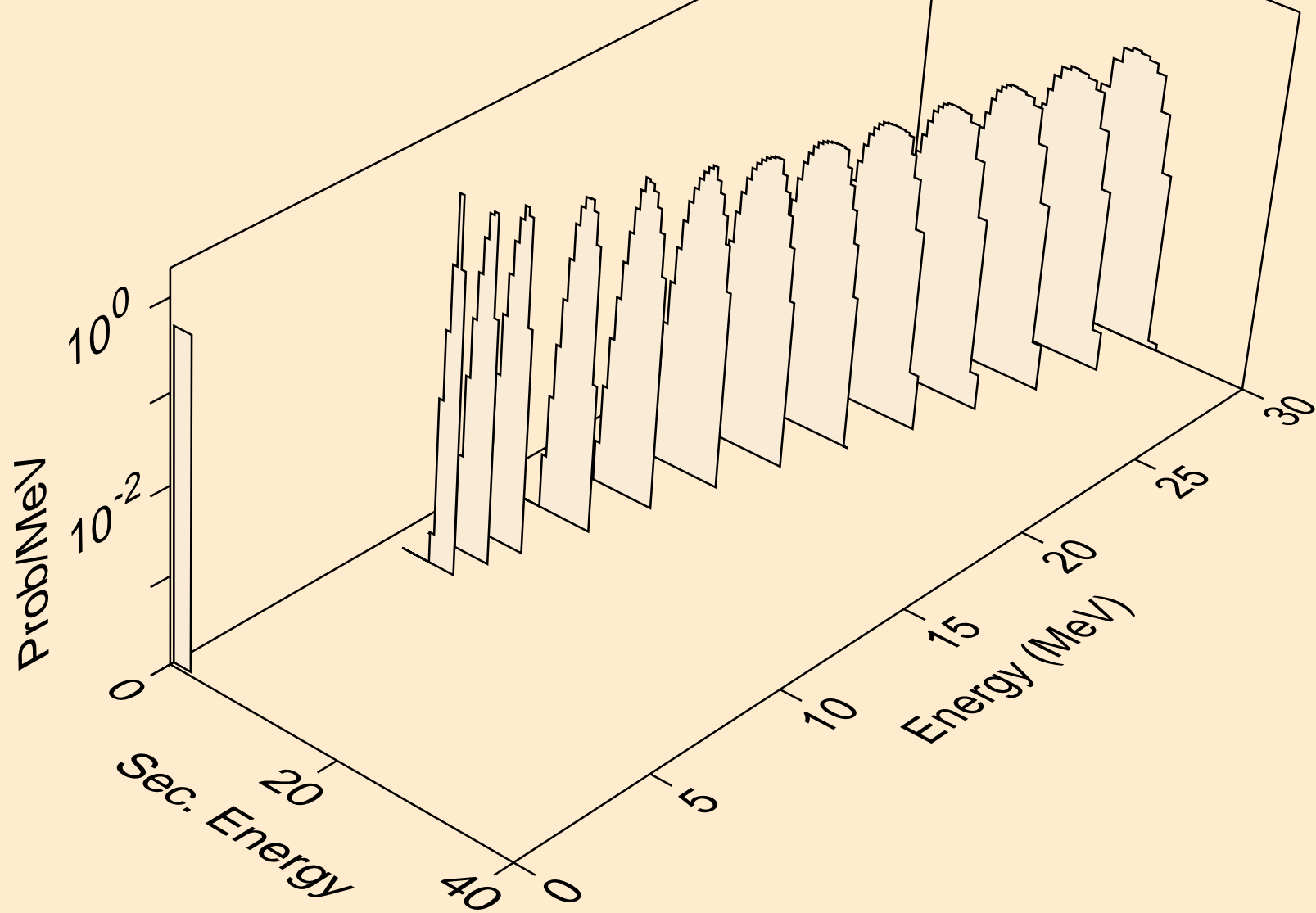
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (s,da)



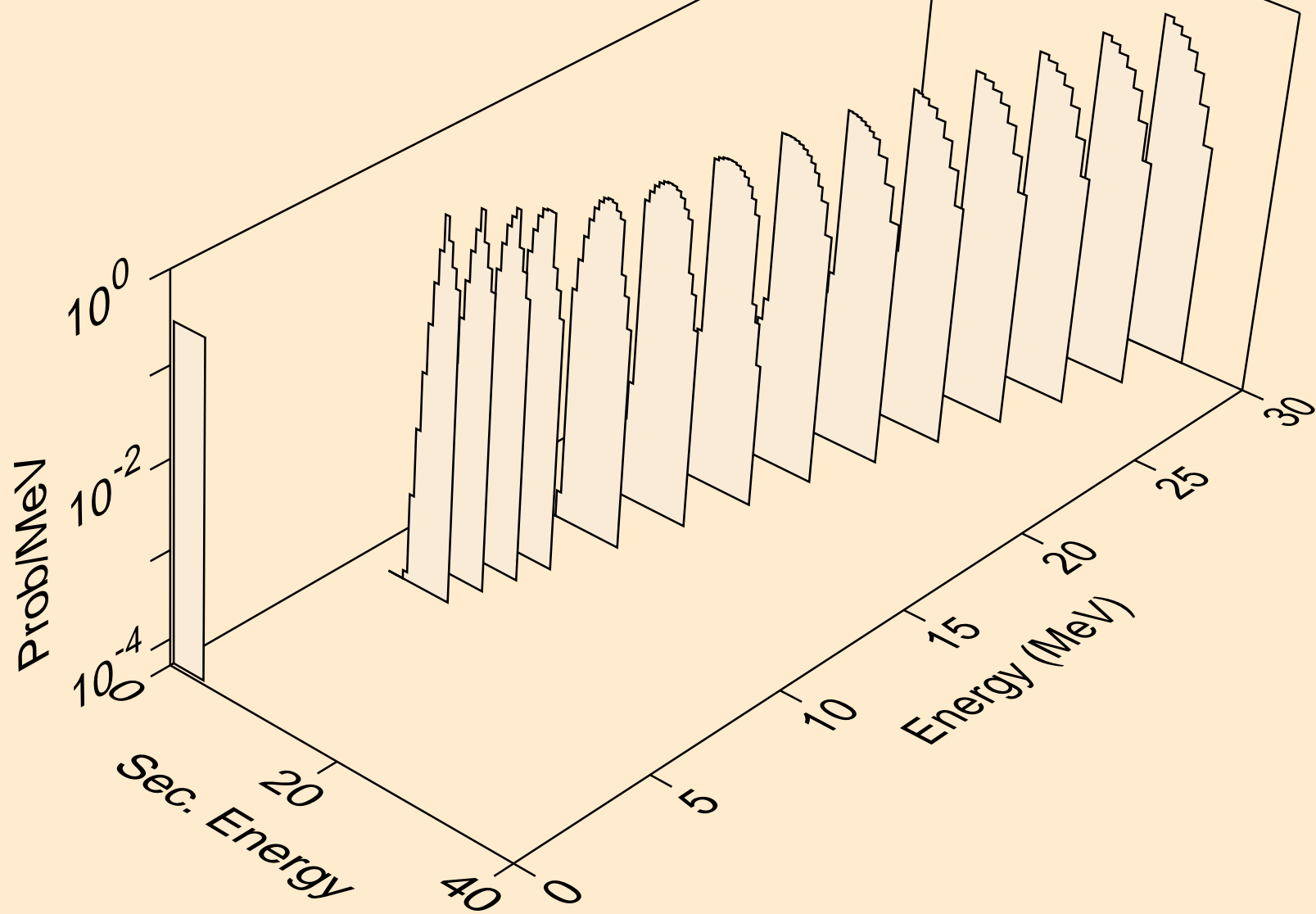
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
tritons from (s,x)



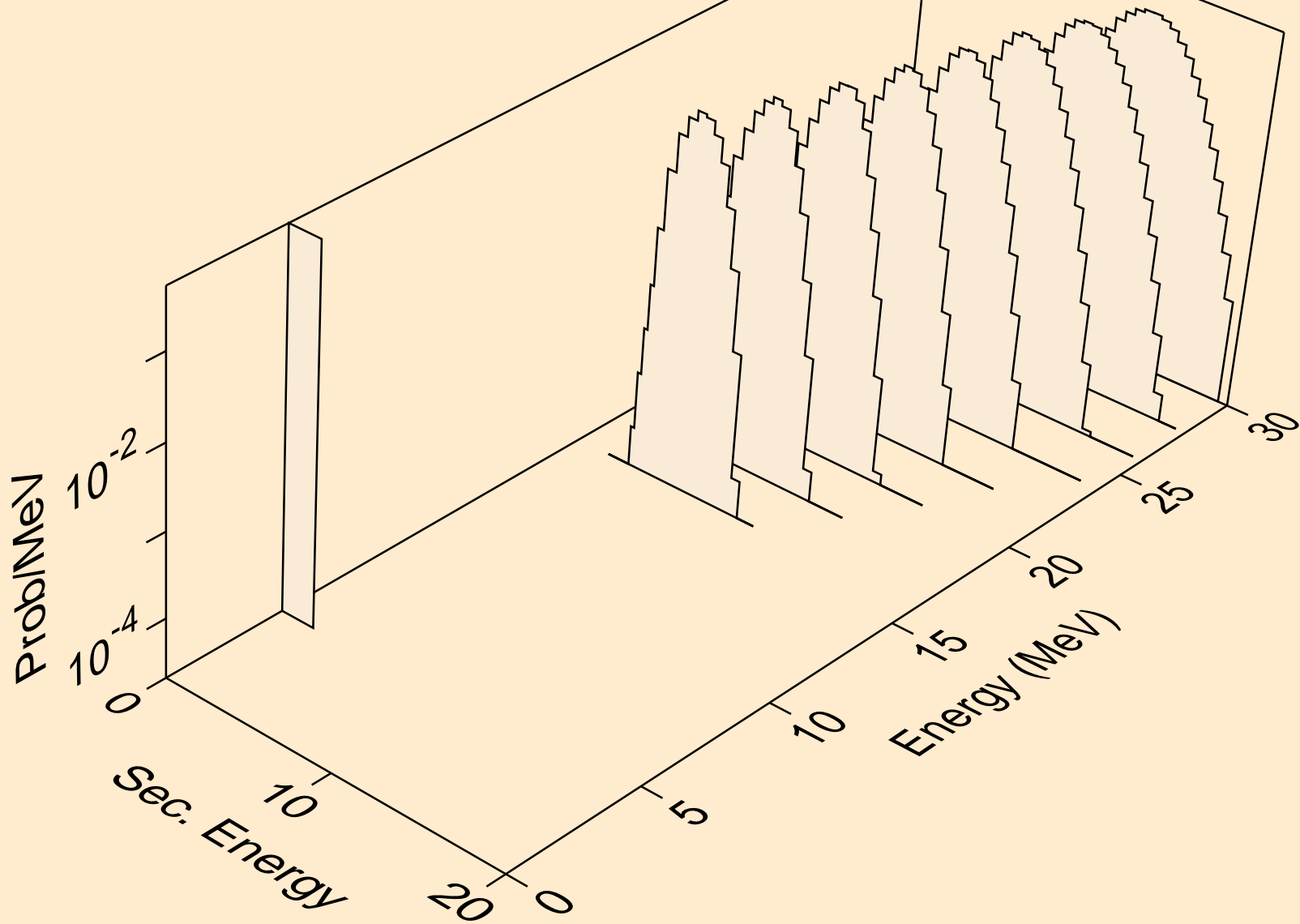
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
tritons from (s,n*)t



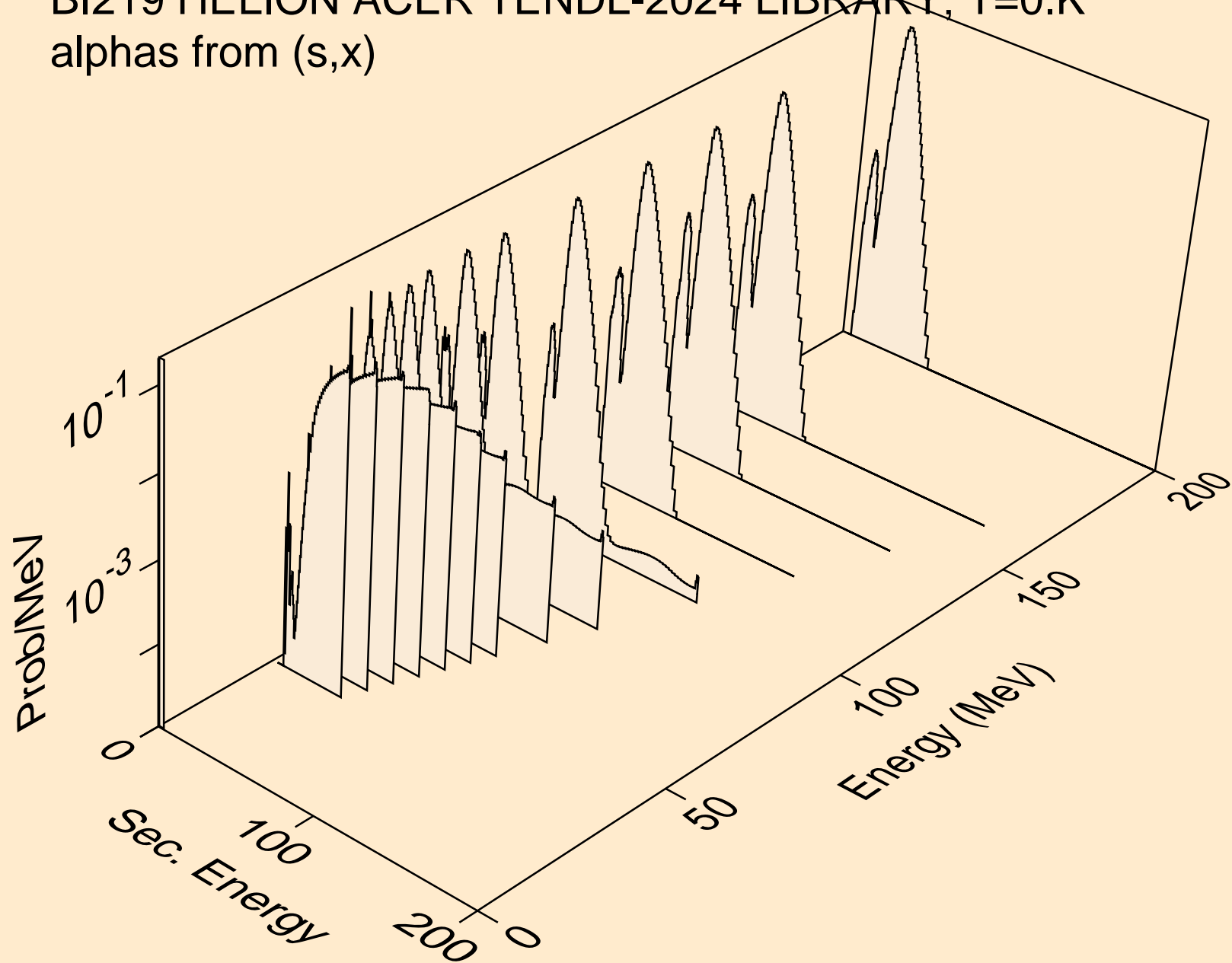
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
tritons from (s,t)



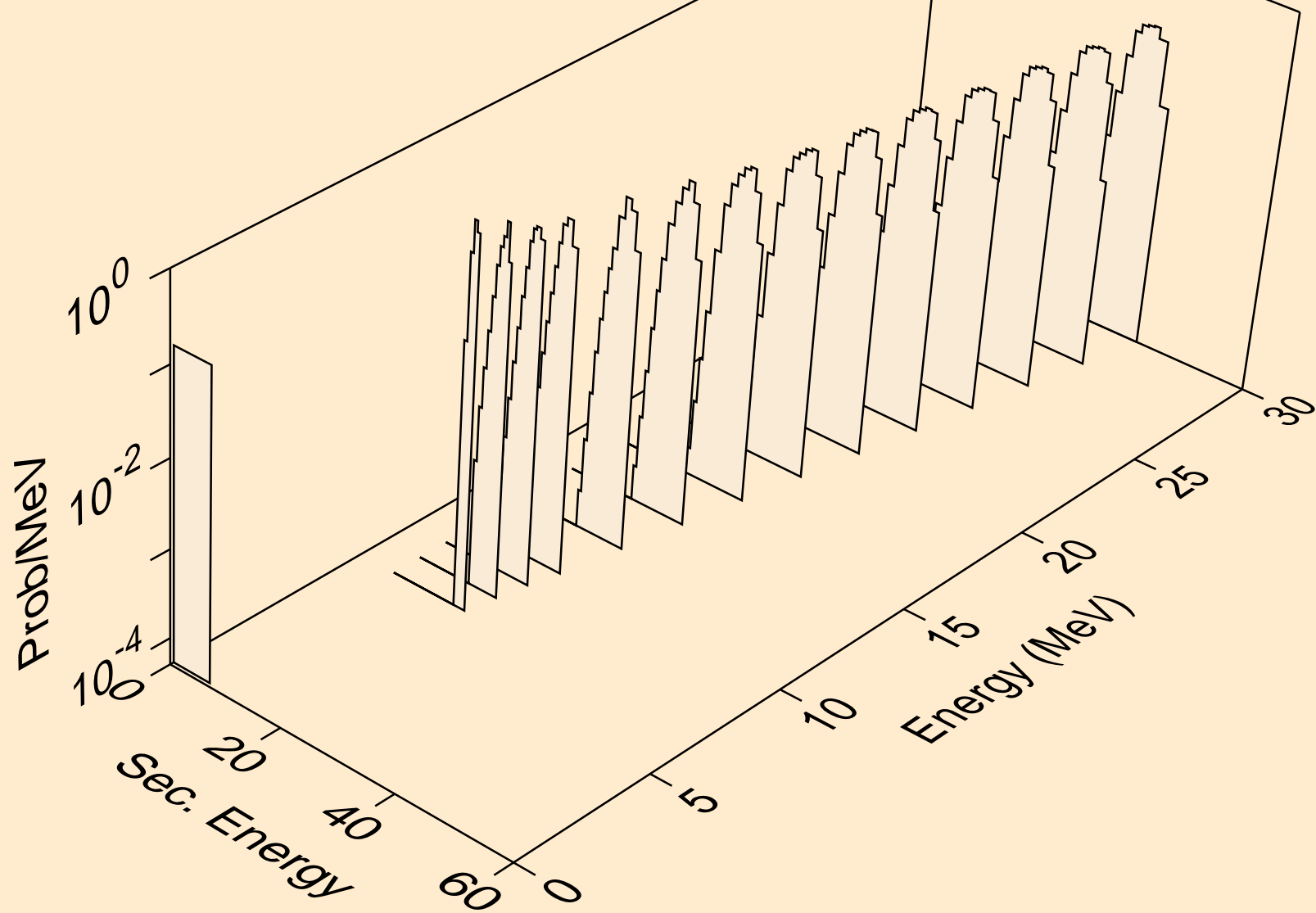
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
tritons from (s,pt)



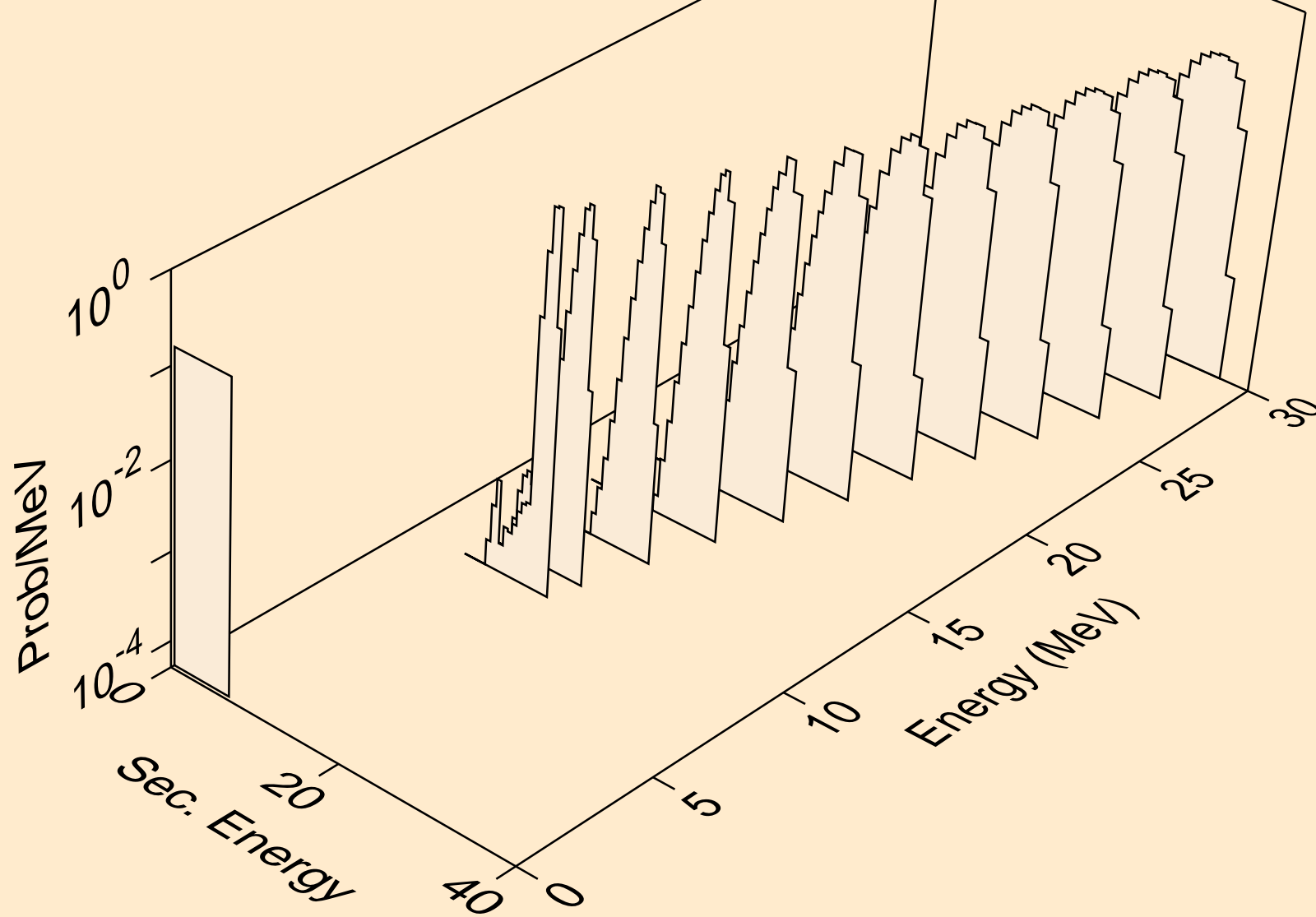
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,x)



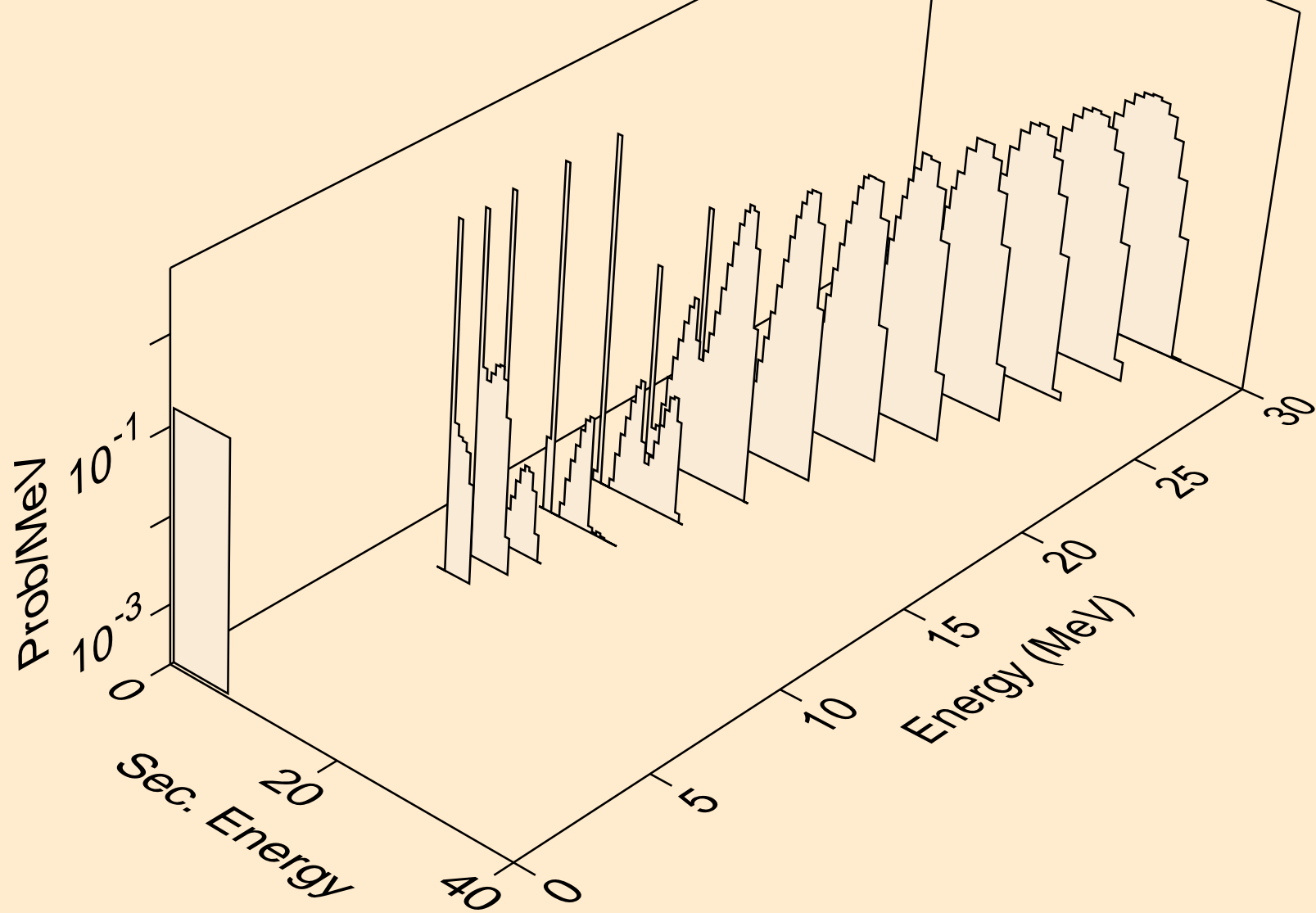
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,n*)a



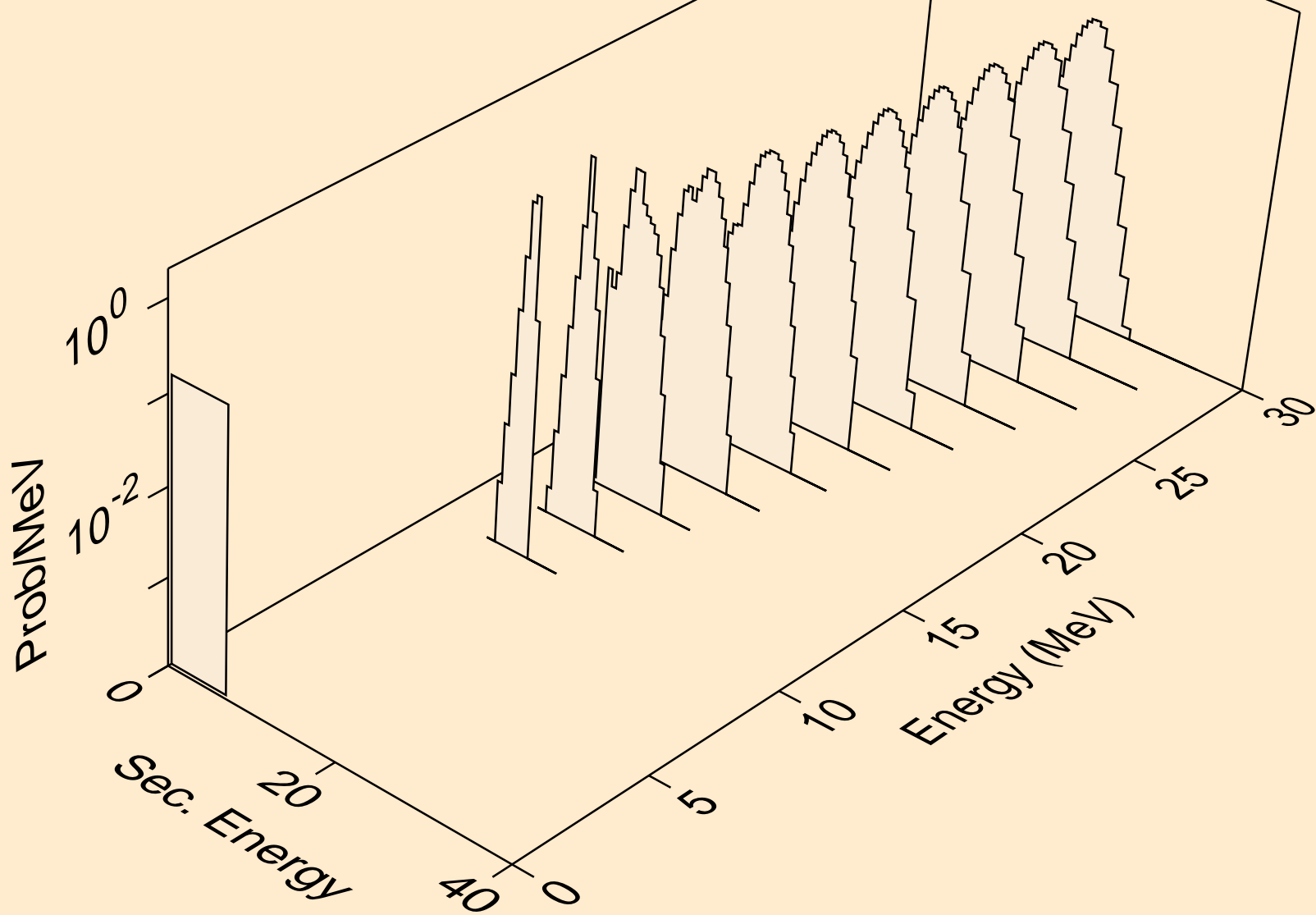
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,2n)a



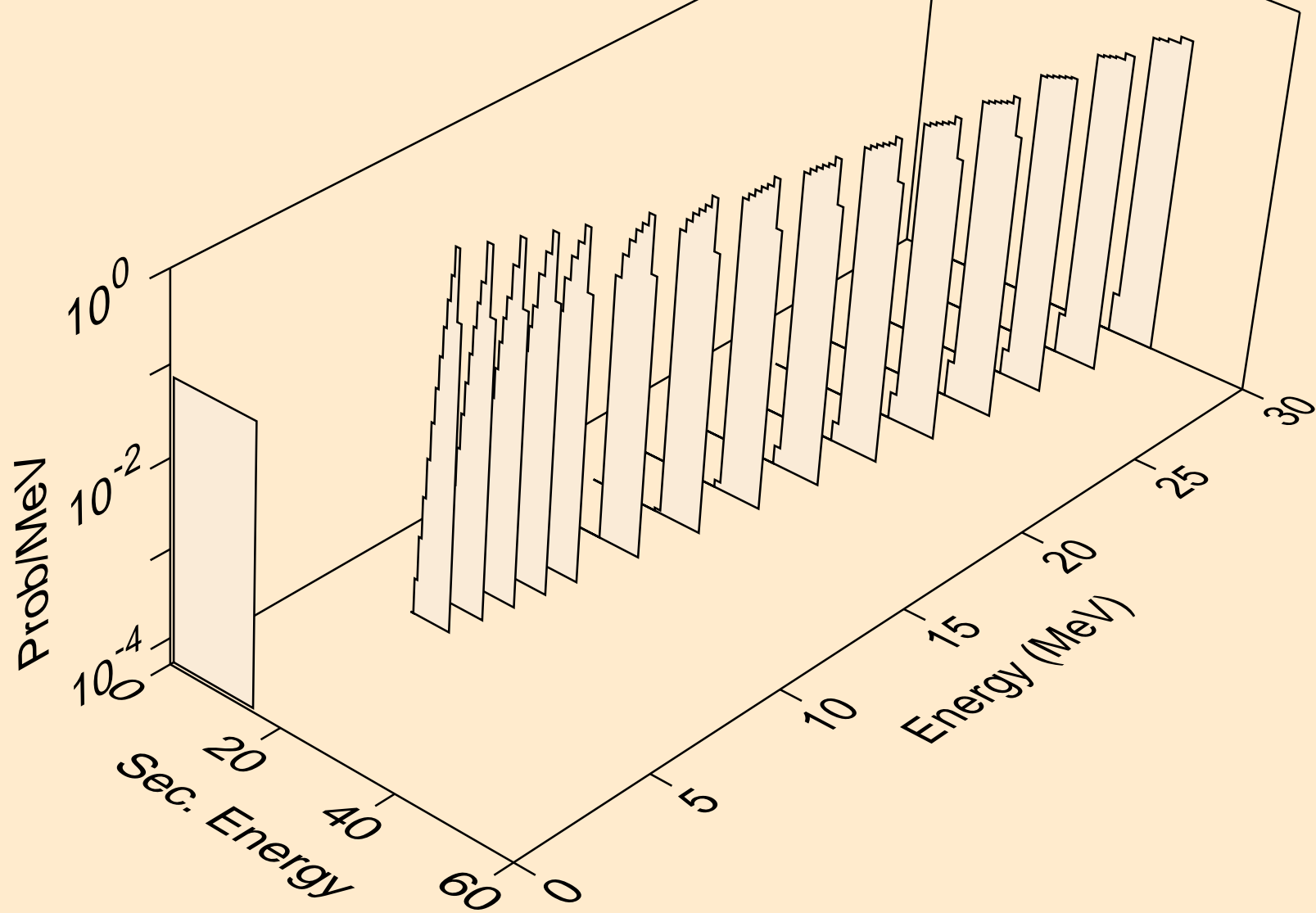
BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,3n)a



BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,npa)



BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,a)



BI219 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,da)

