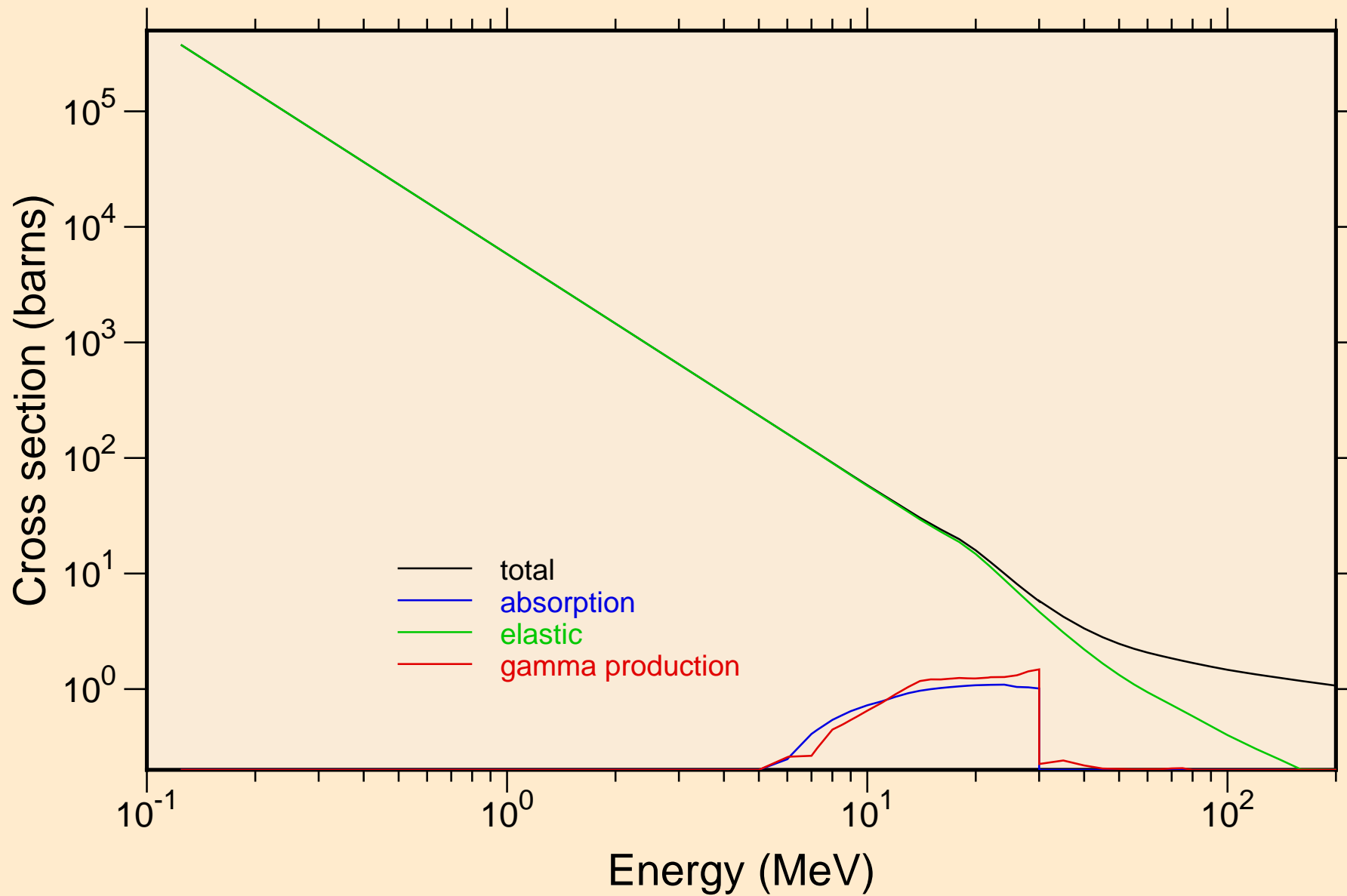
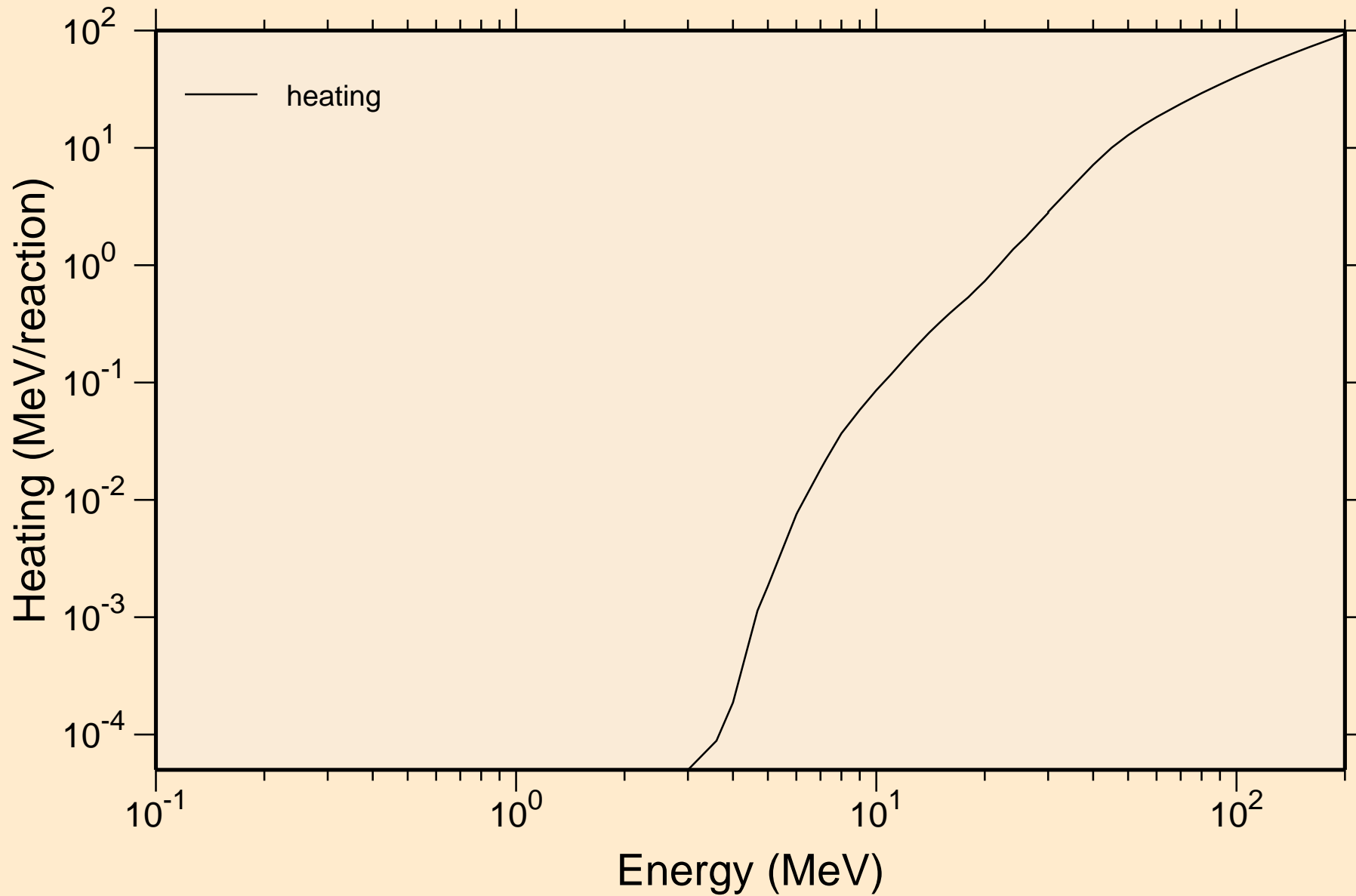


SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
Principal cross sections



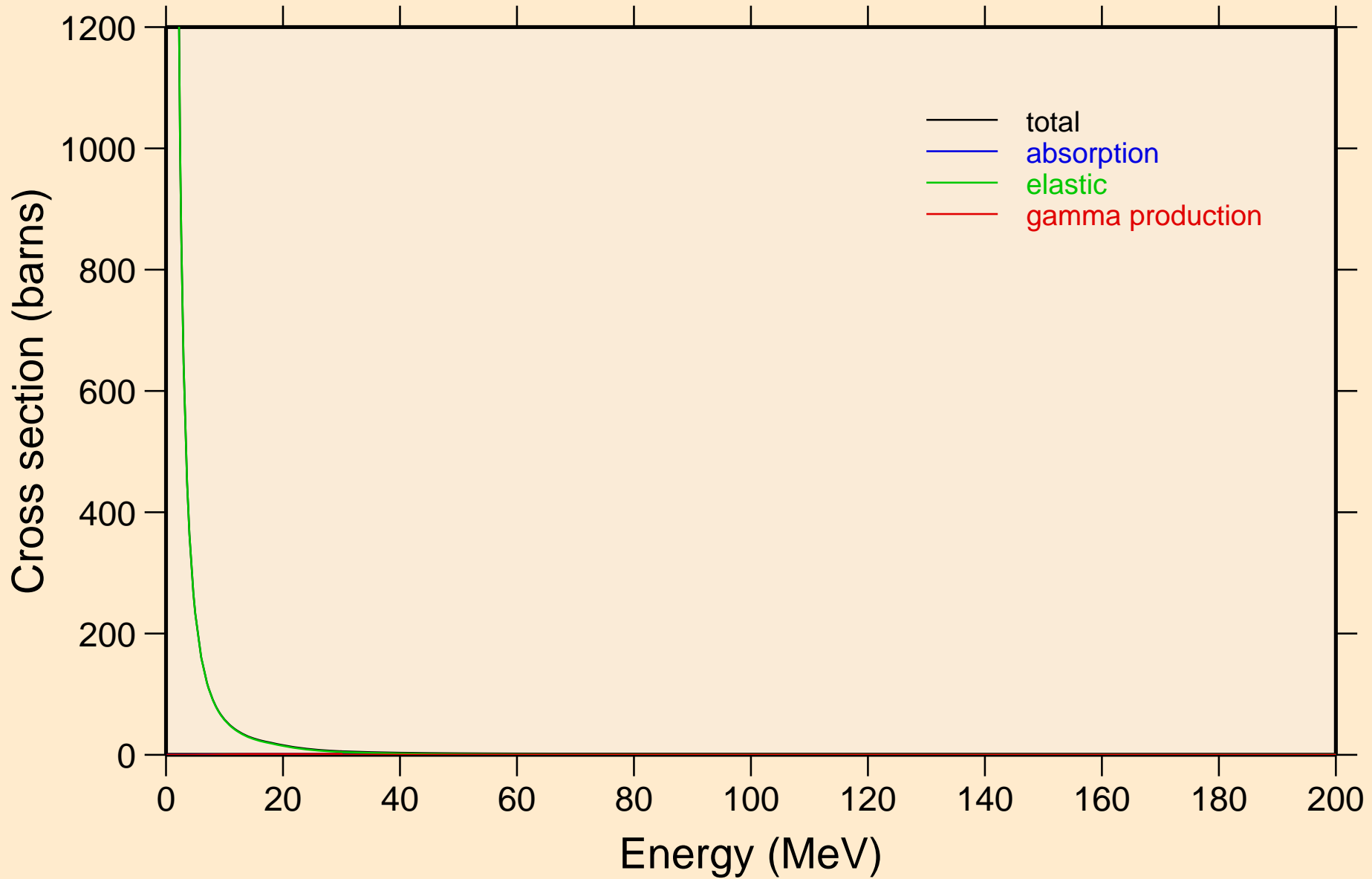
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K

Heating



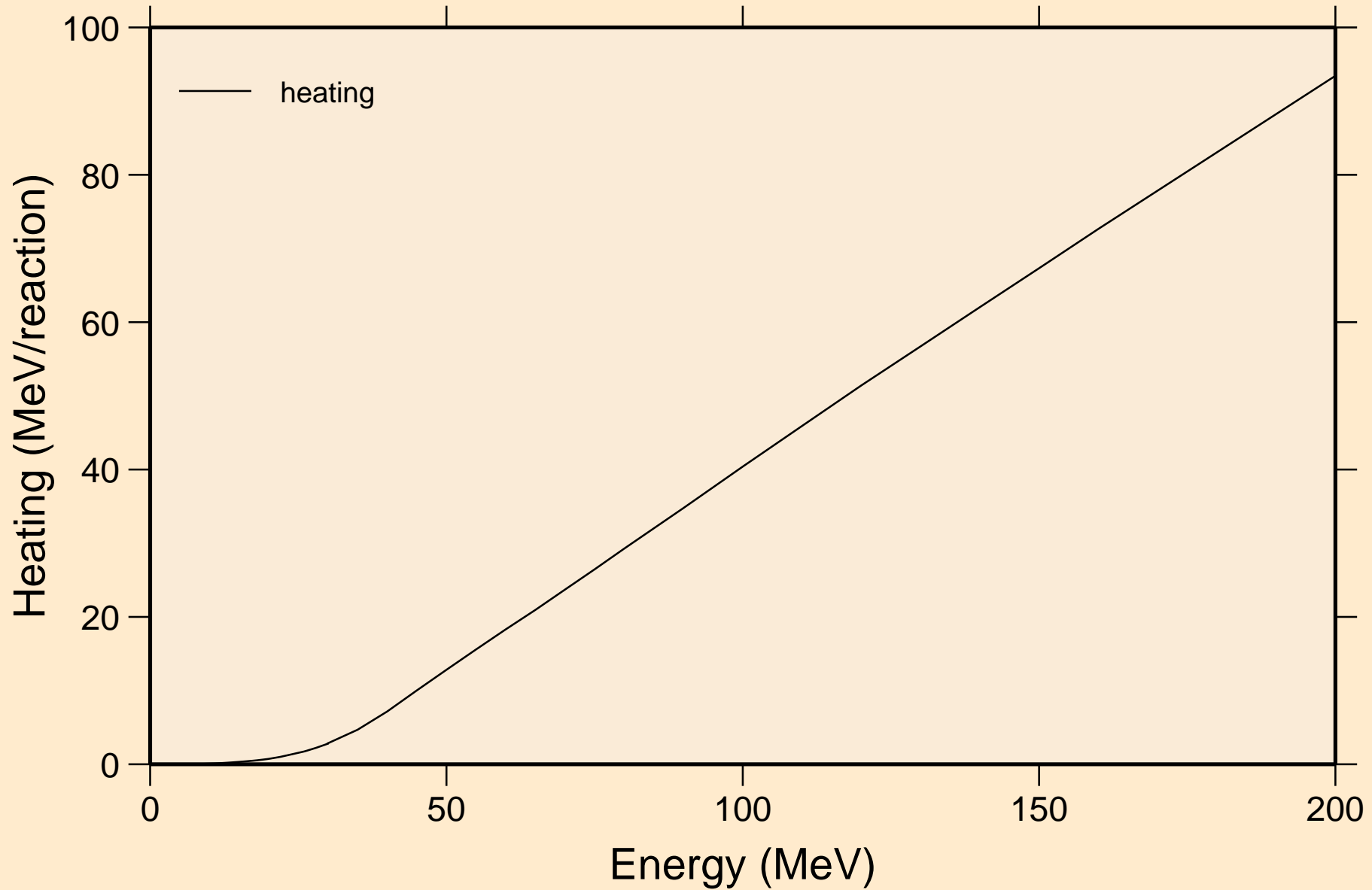
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections

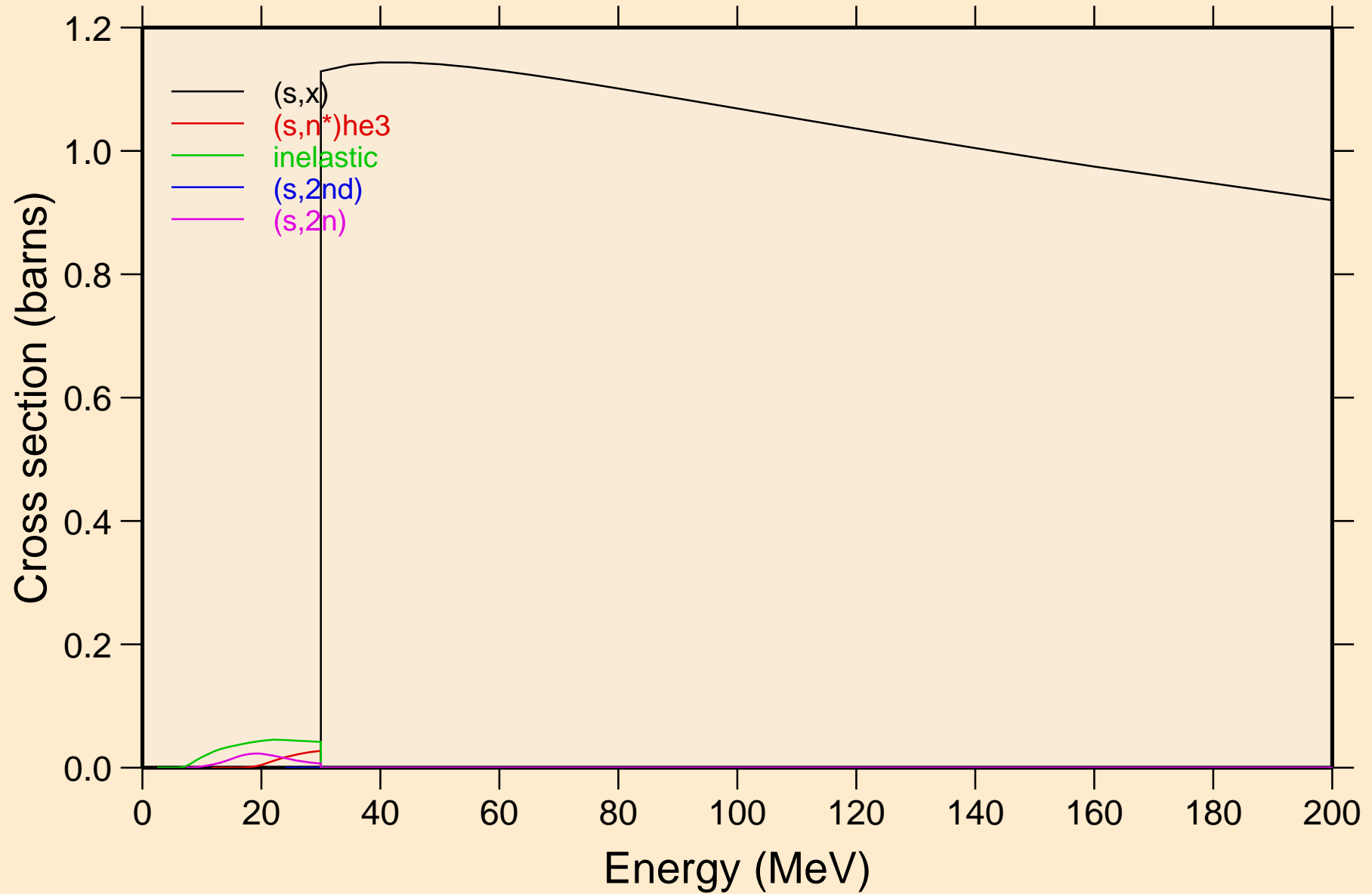


SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K

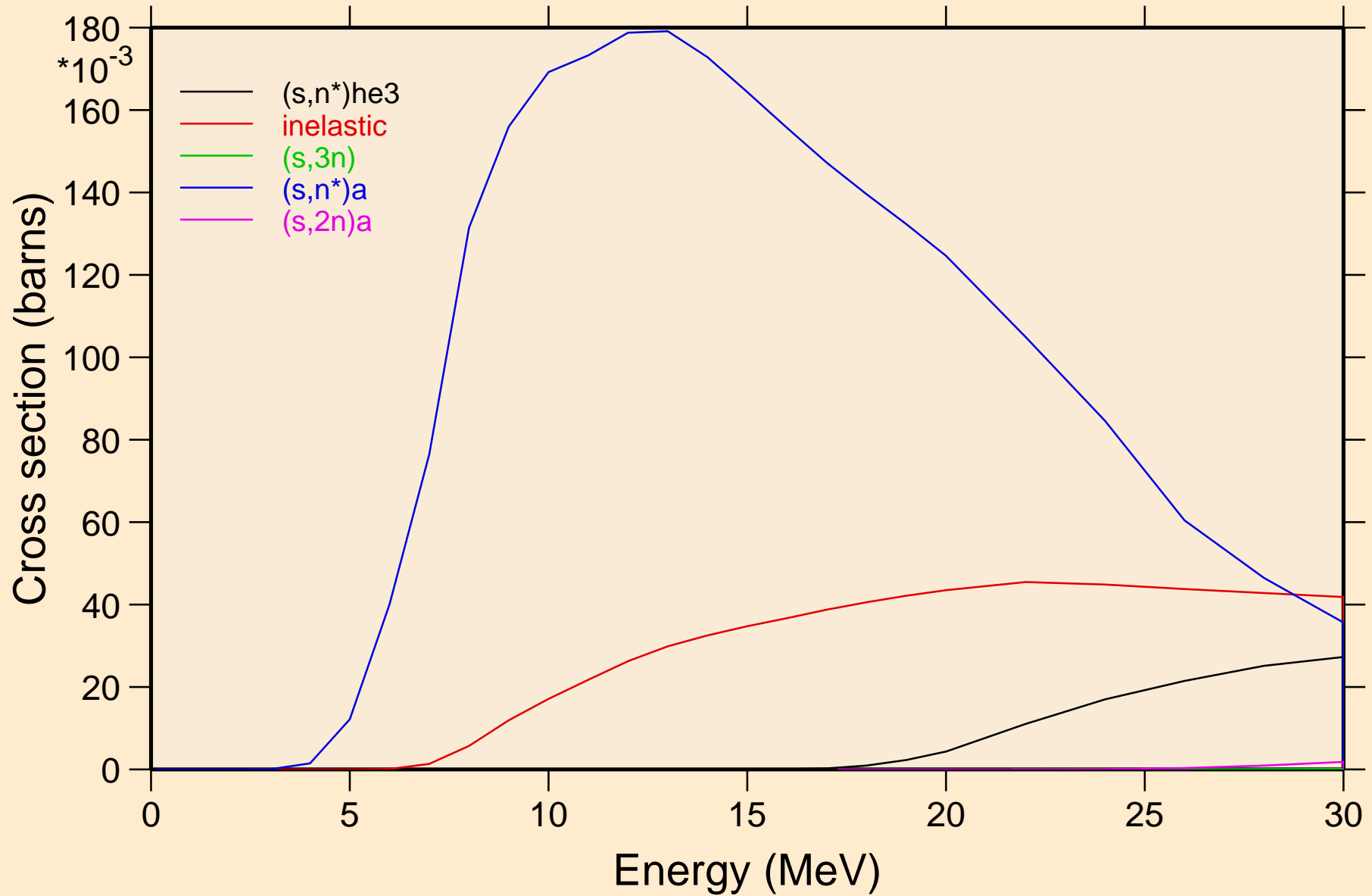
Heating



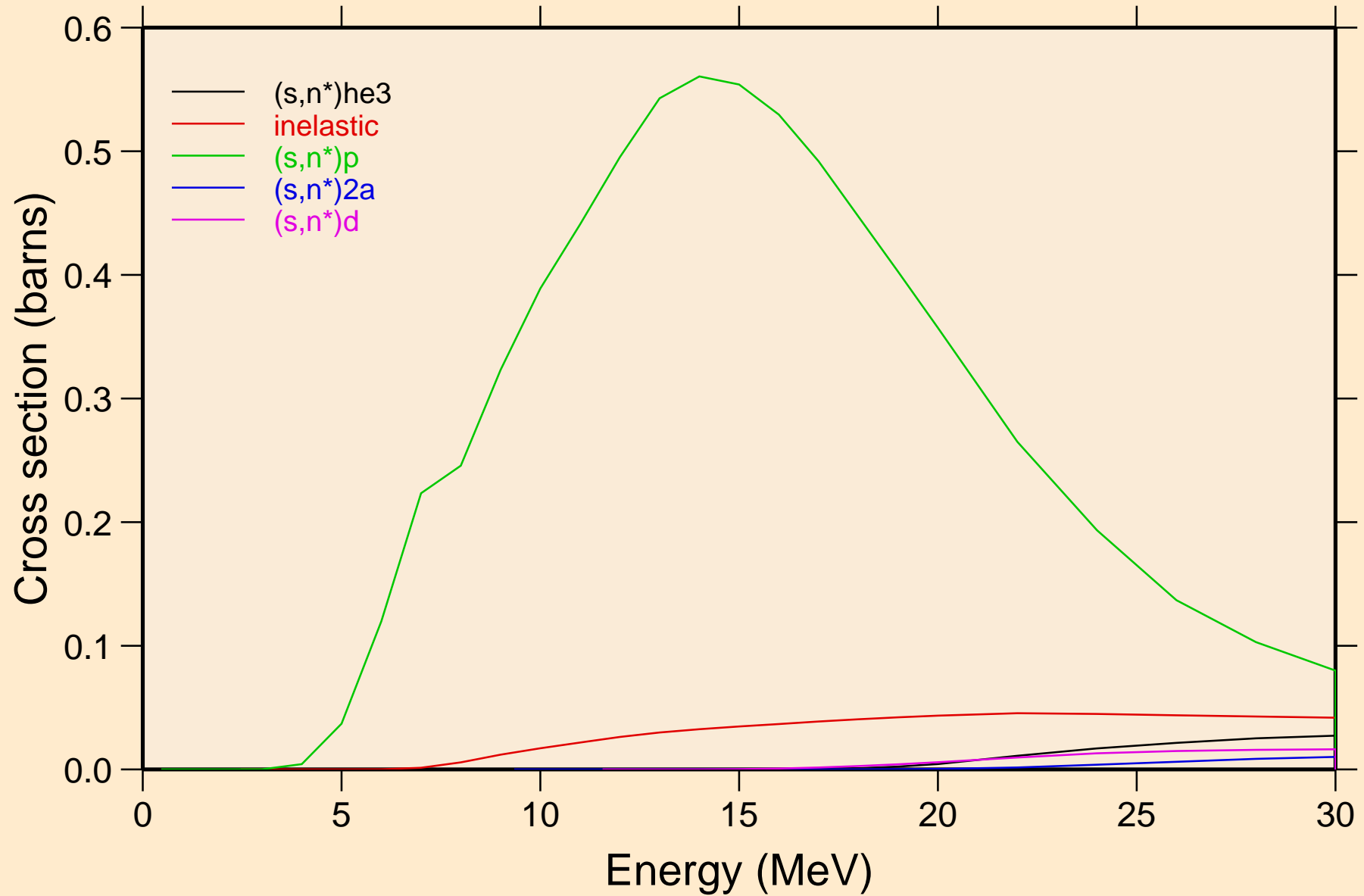
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions



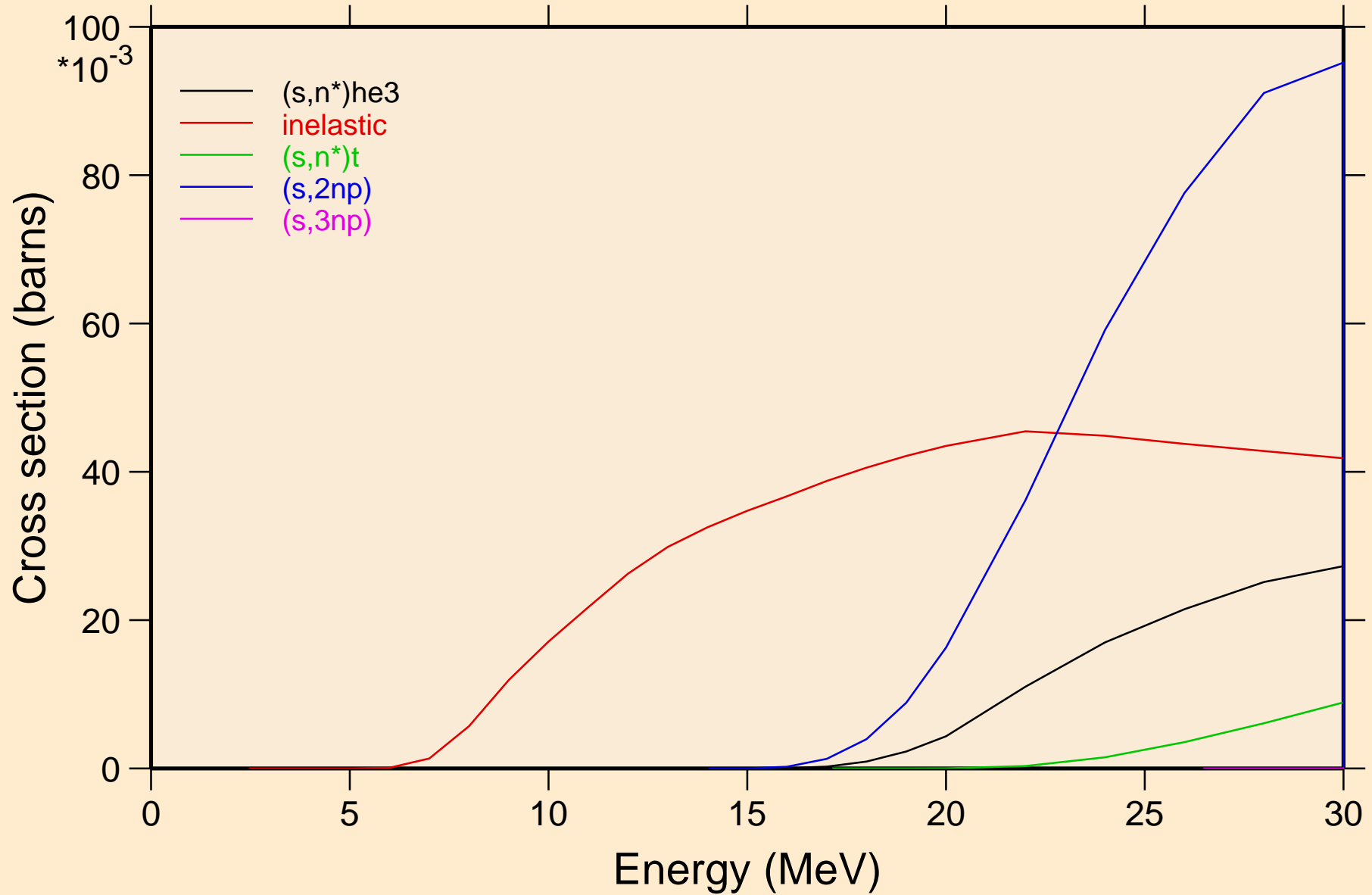
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions



SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions

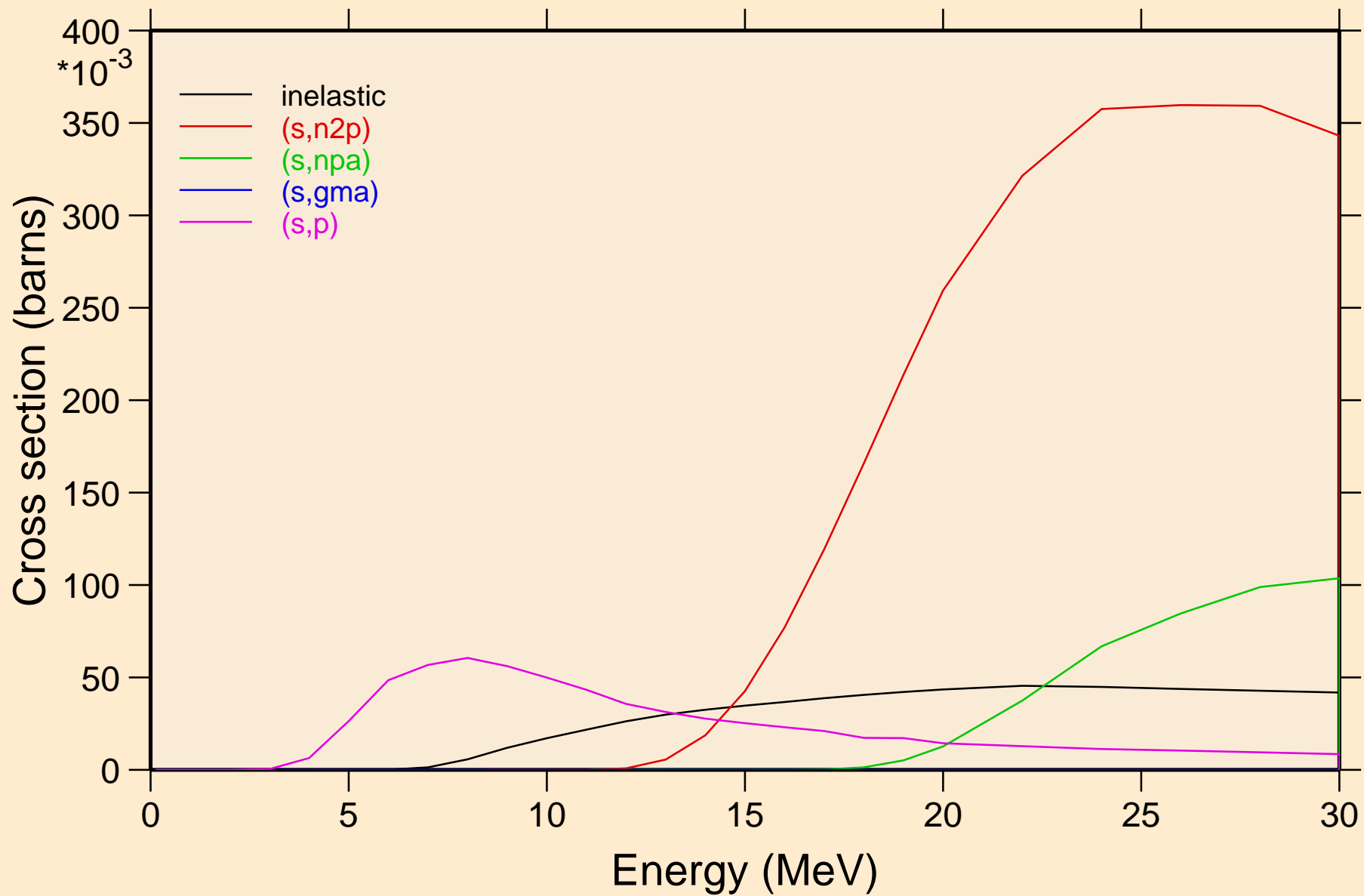


SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions

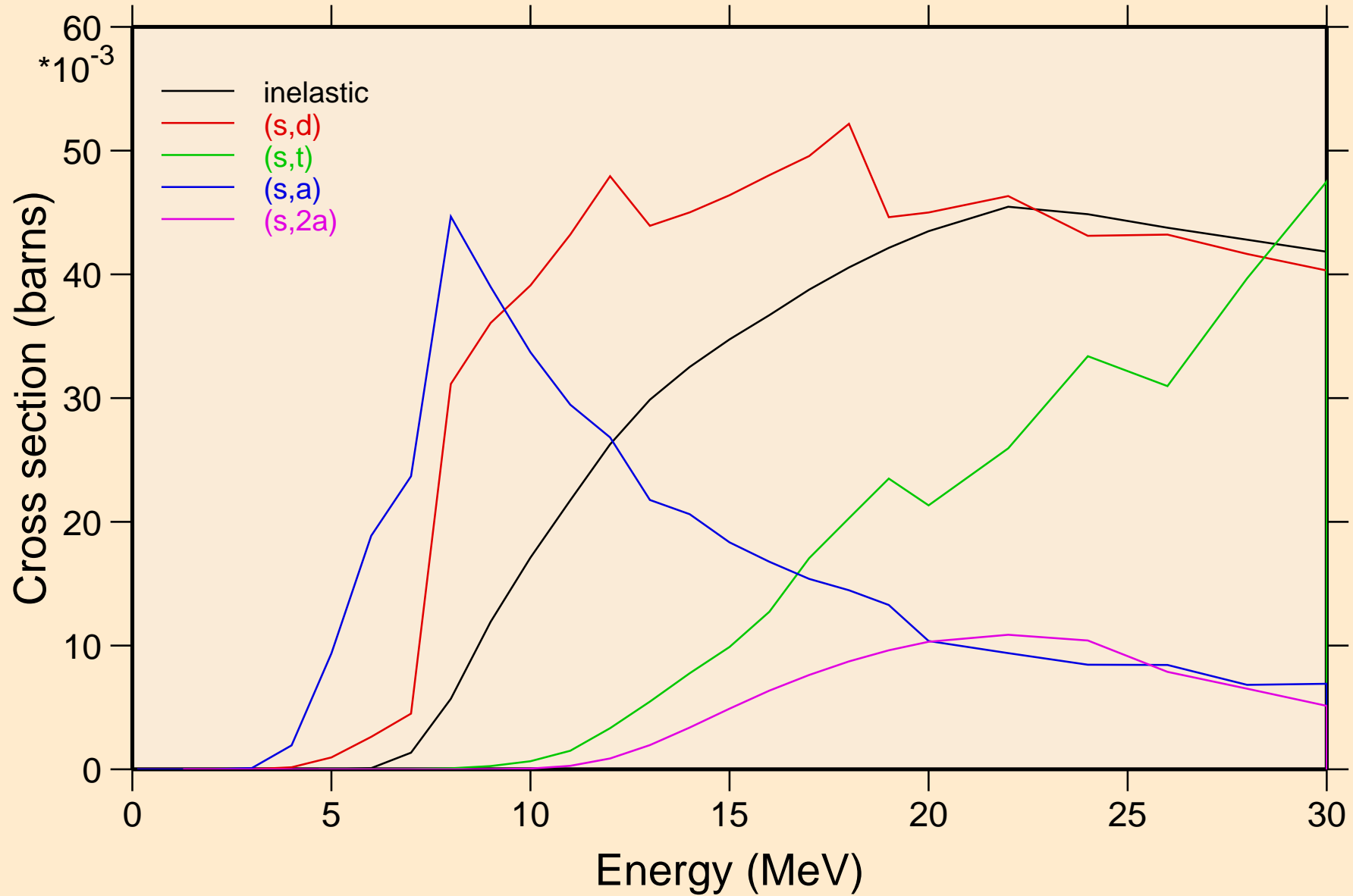


SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K

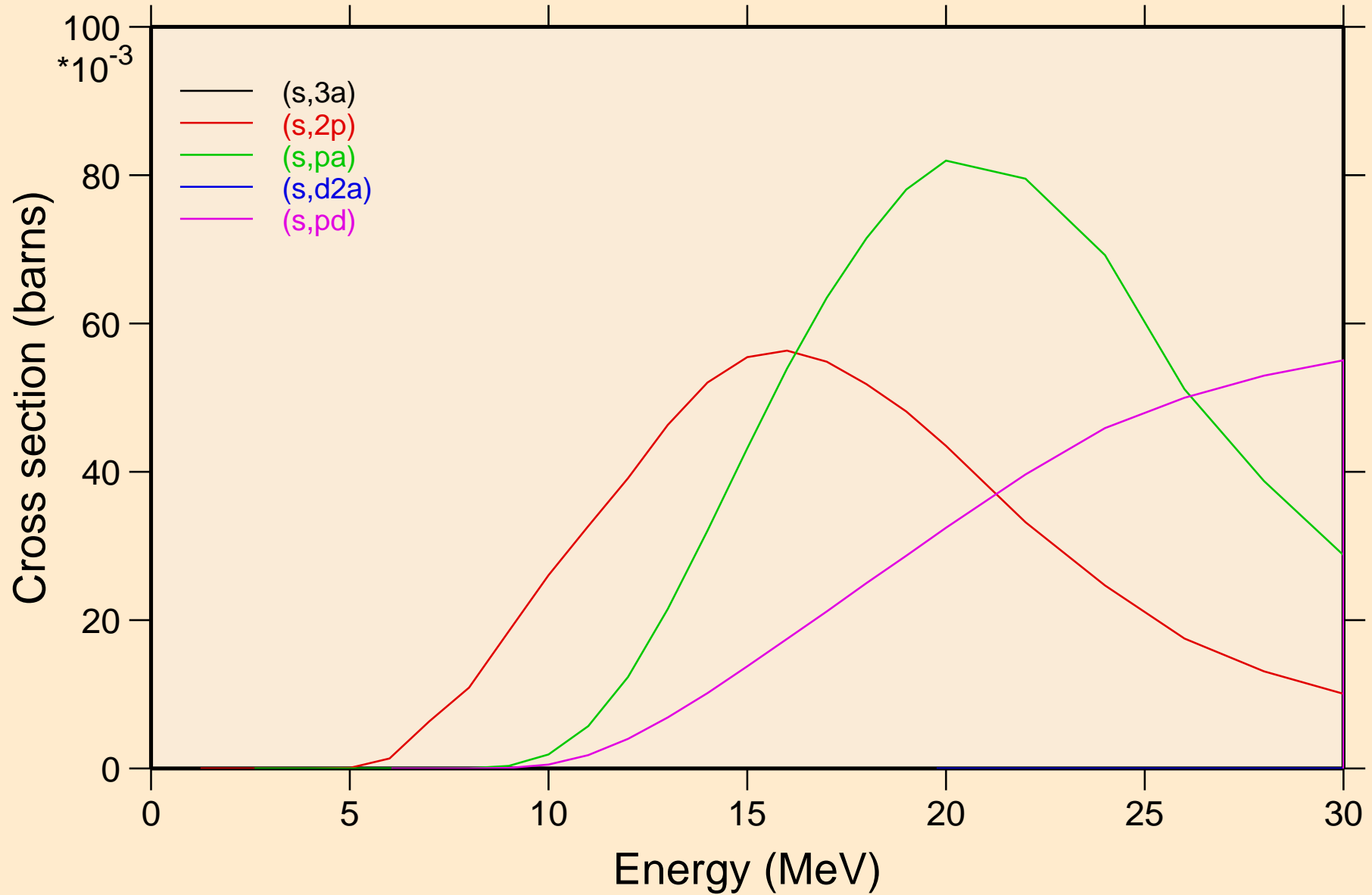
Threshold reactions



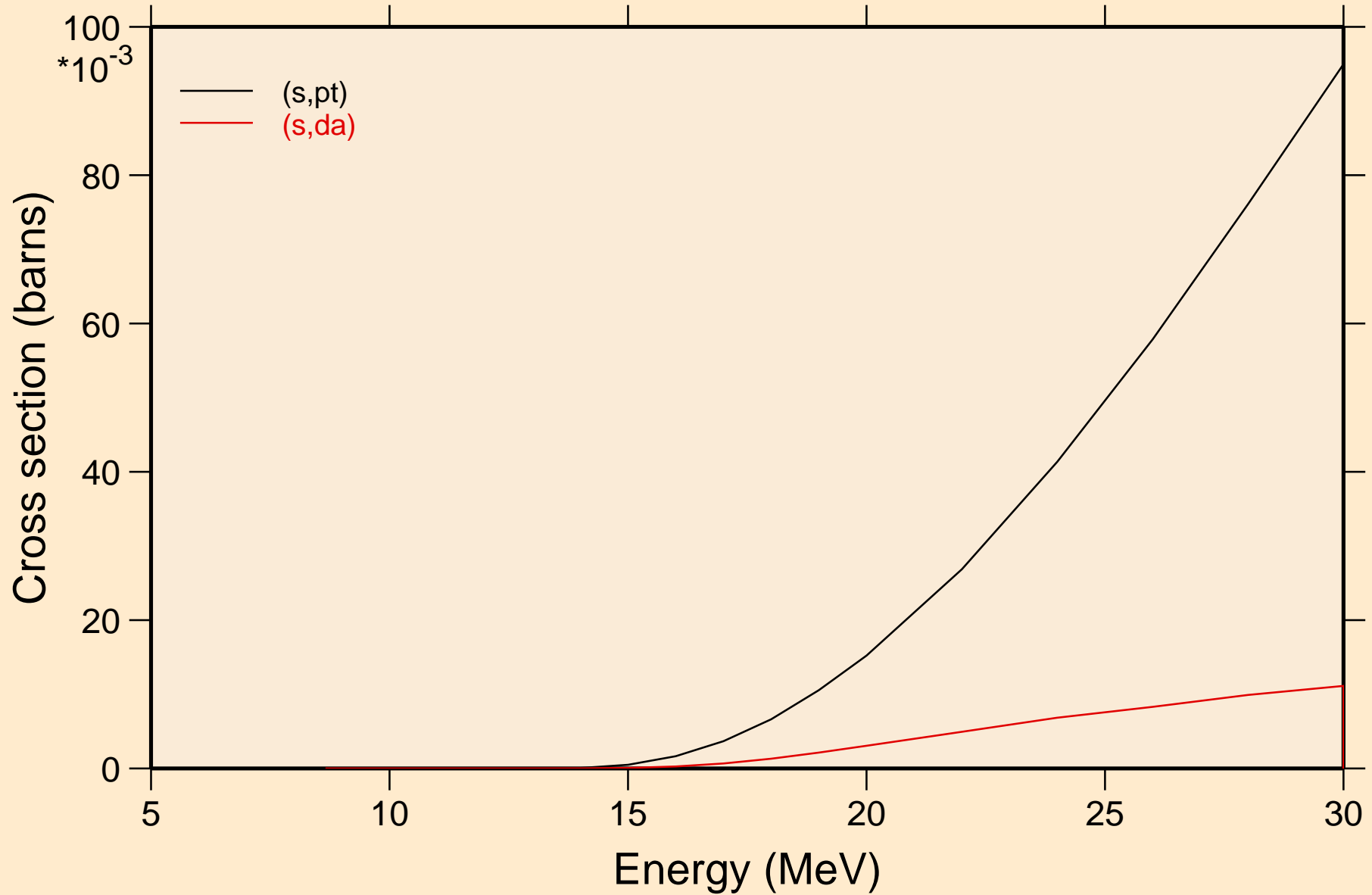
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions



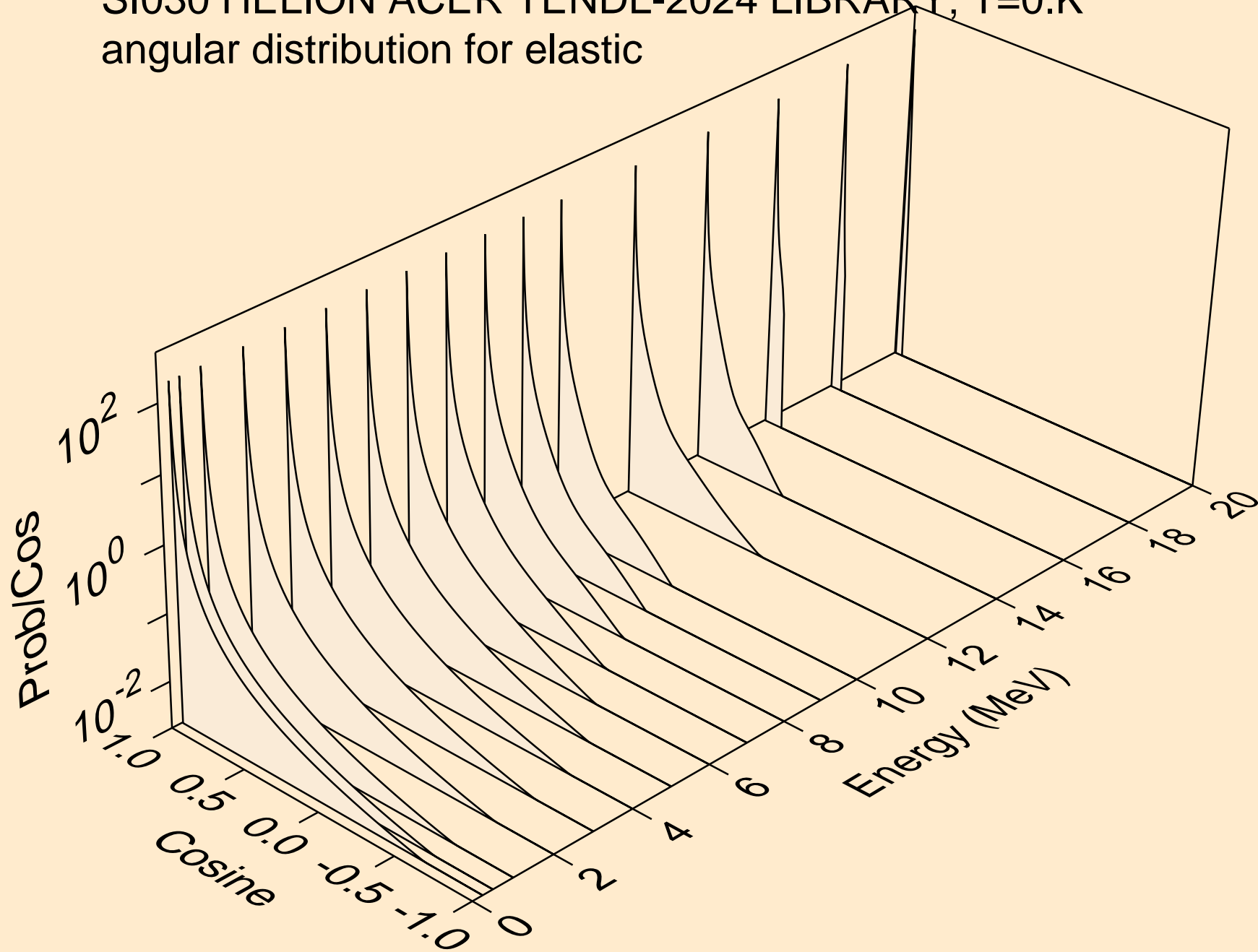
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions



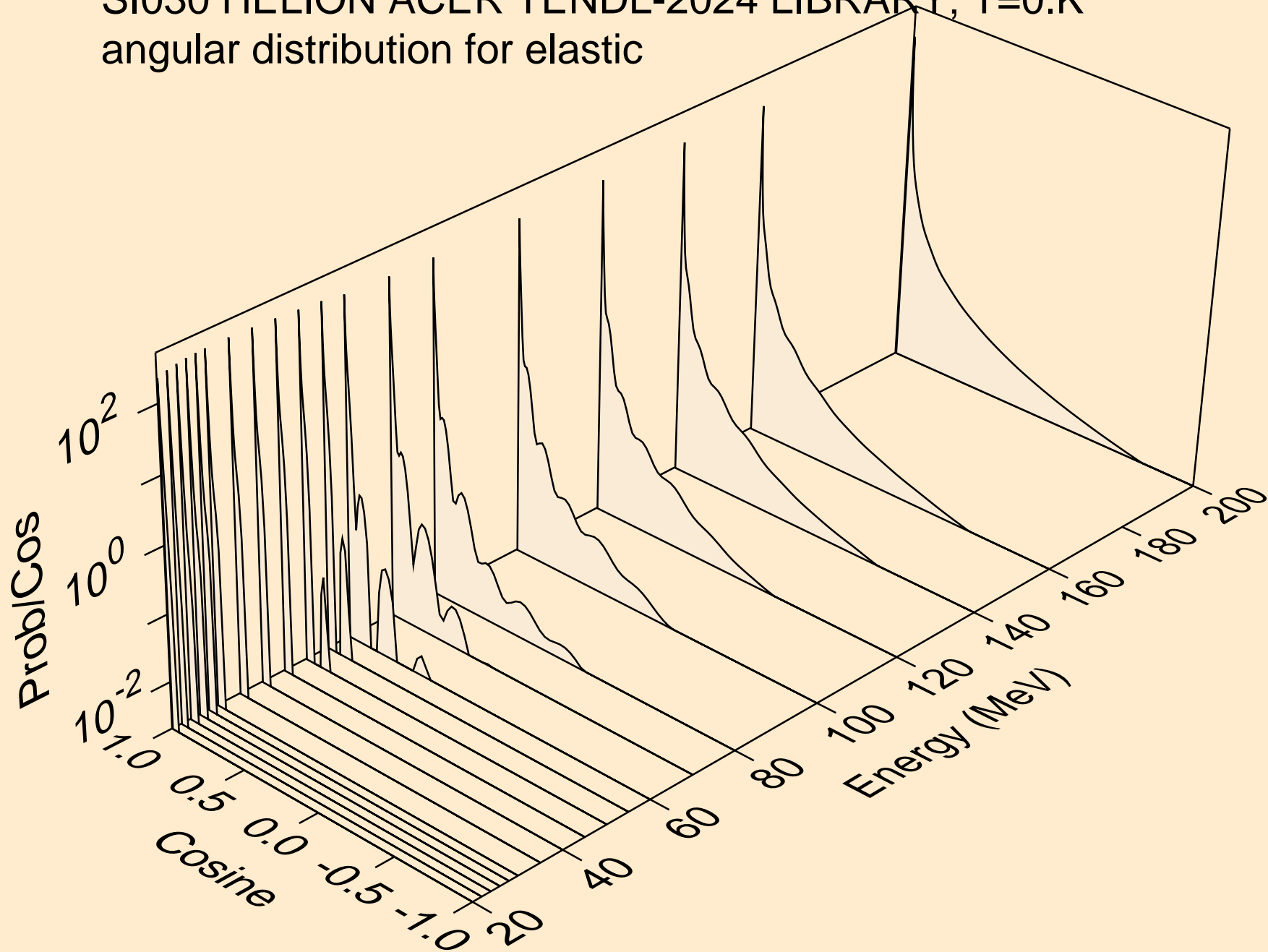
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions



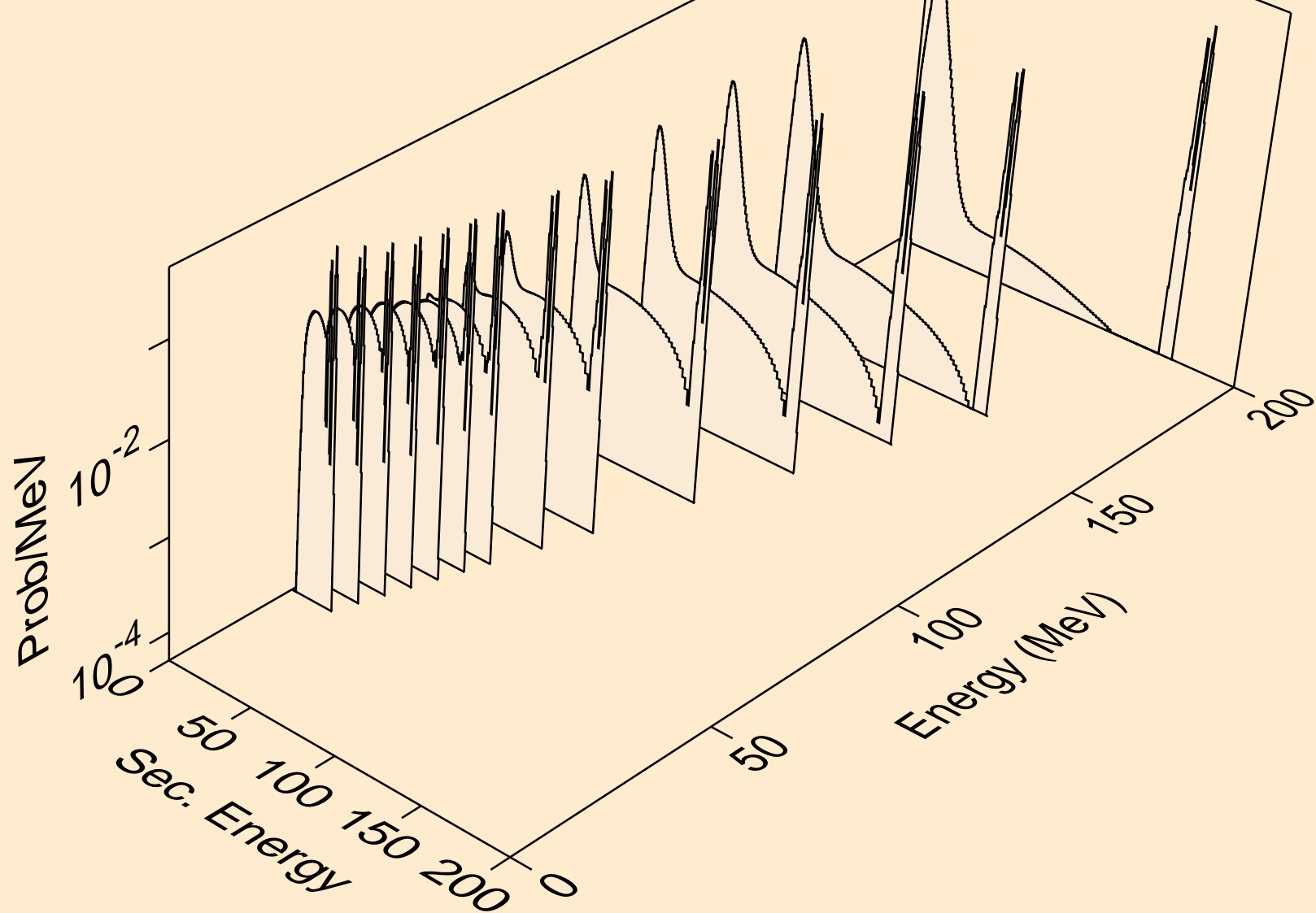
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic



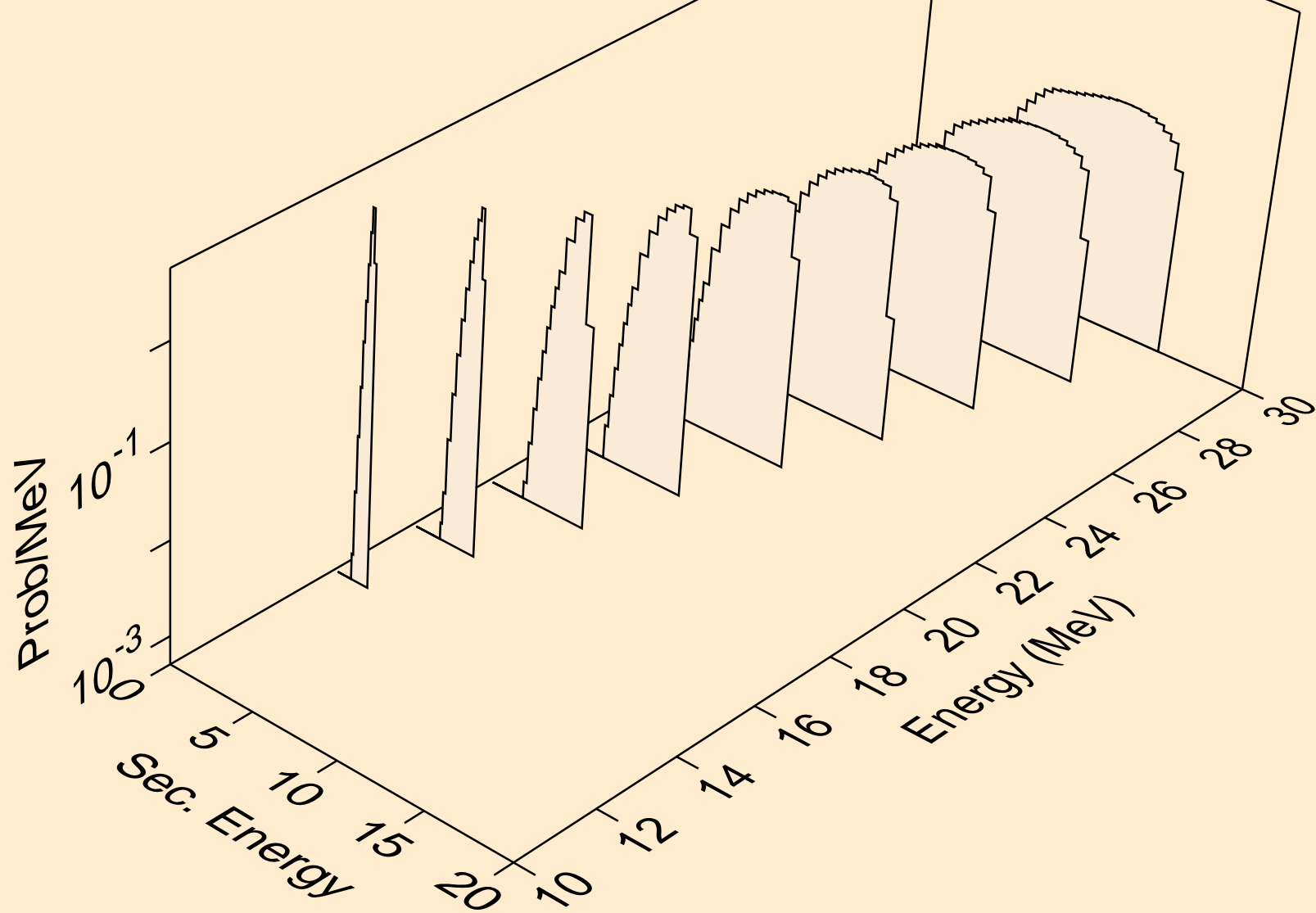
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic



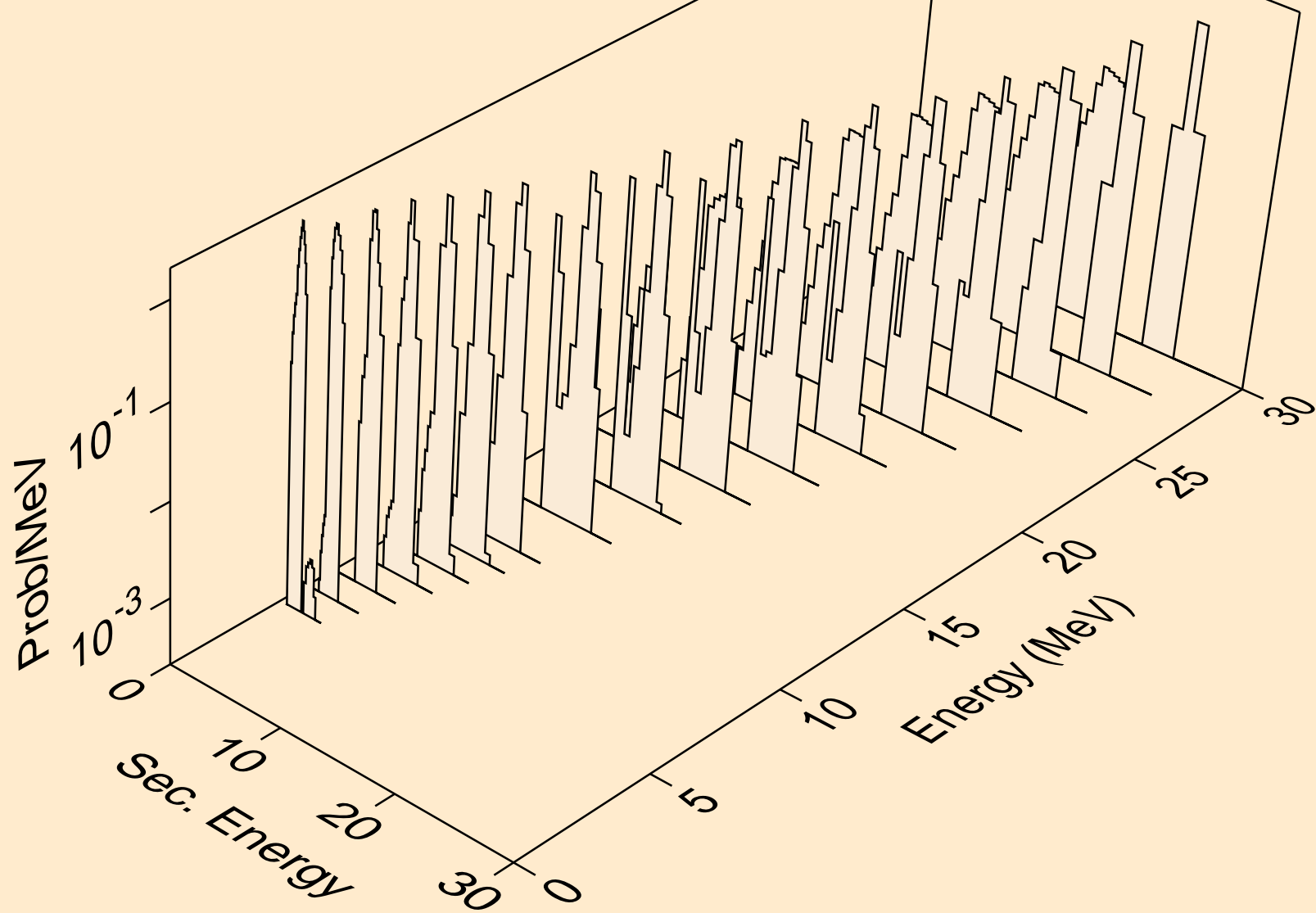
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
He-3 emission for (s,x)



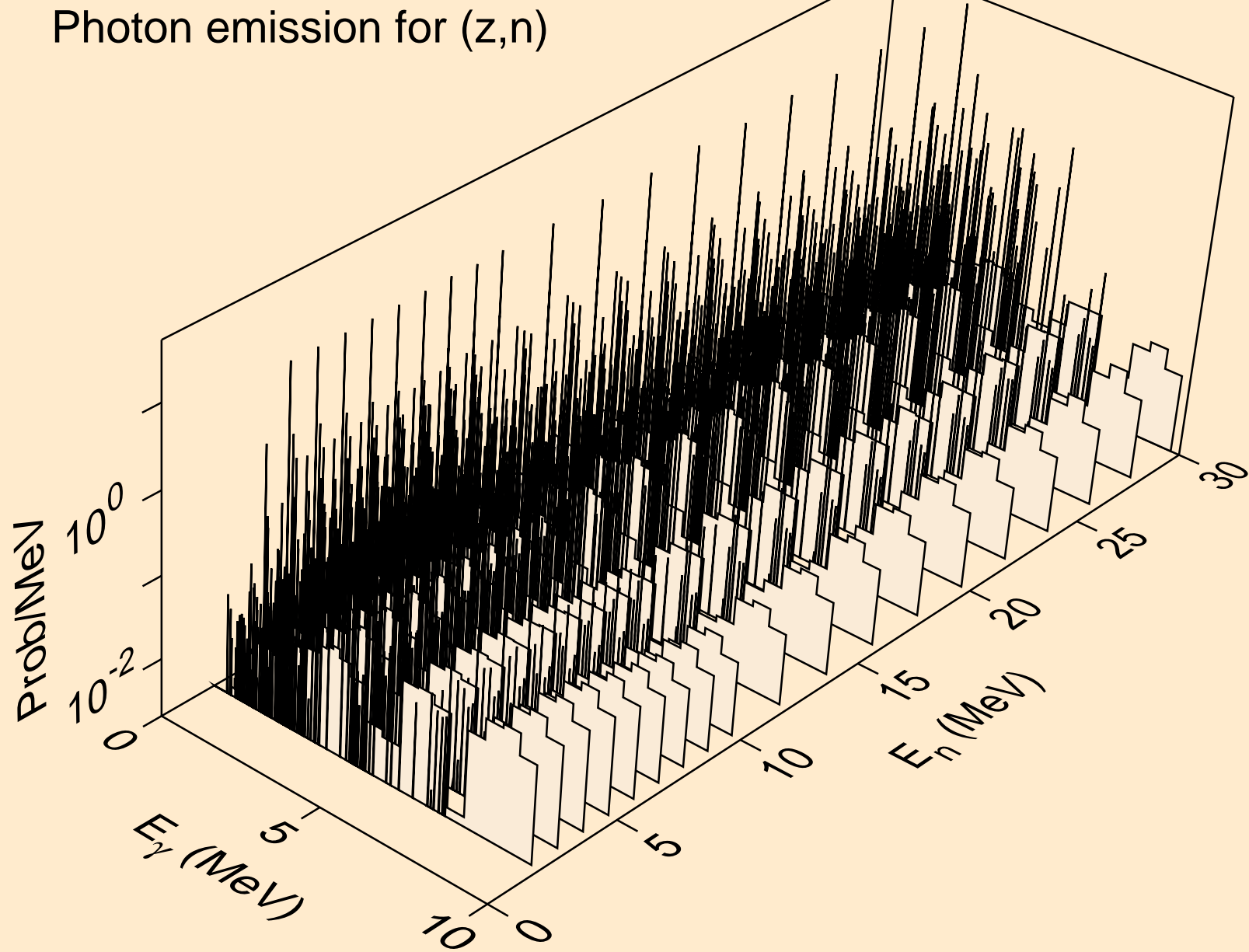
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
He-3 emission for (s,n*)he3



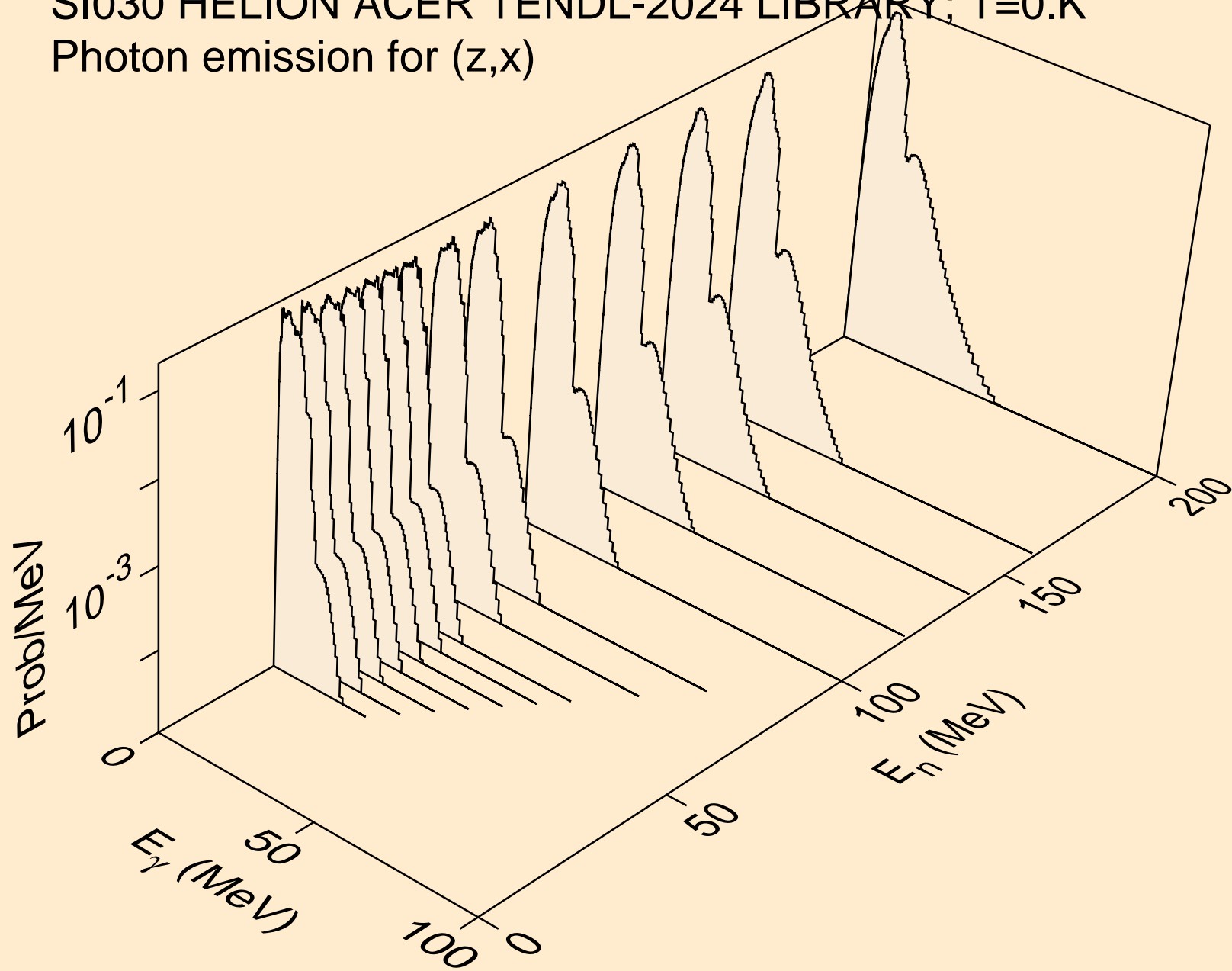
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
He-3 emission for inelastic



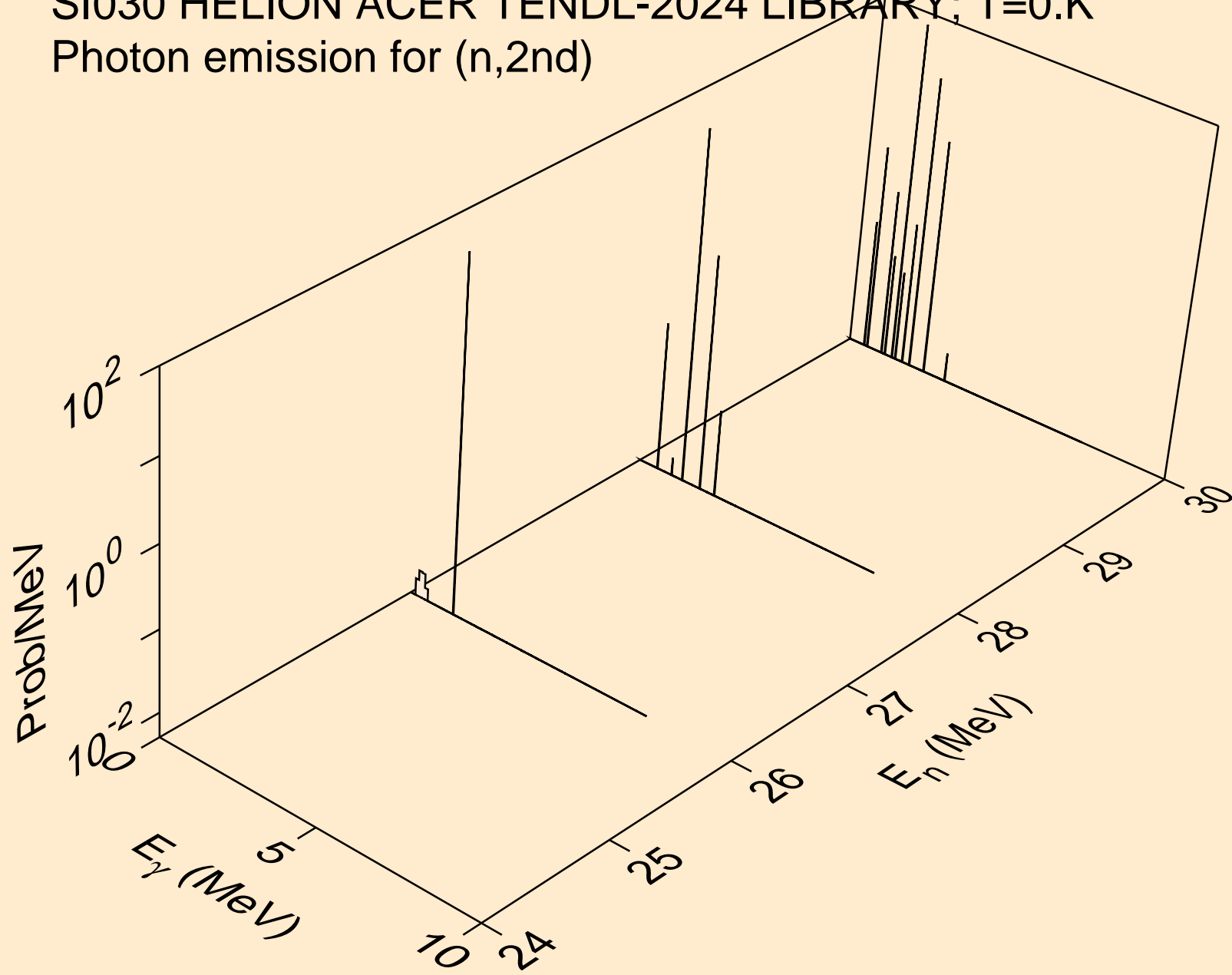
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (z,n)



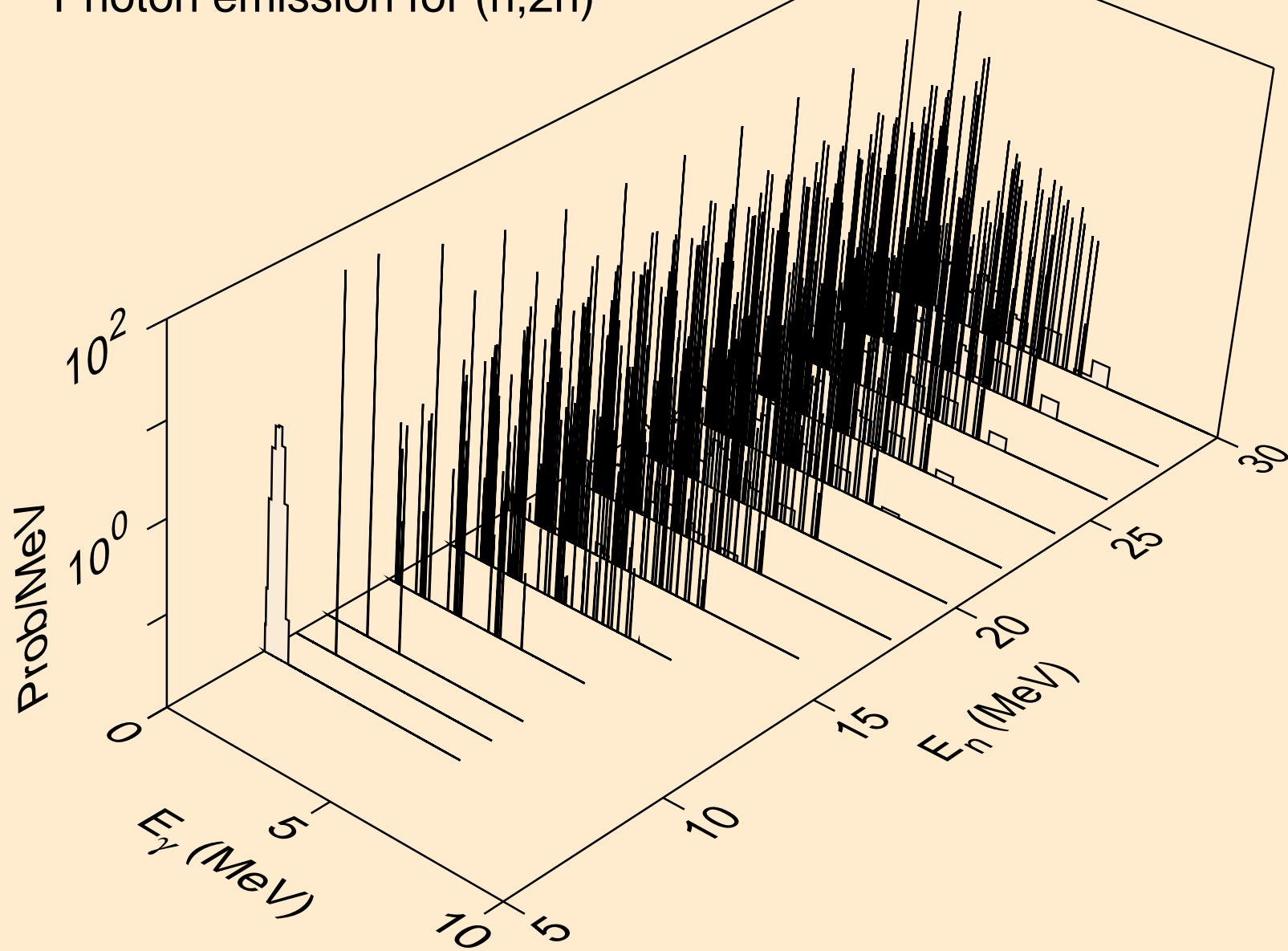
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (z,x)



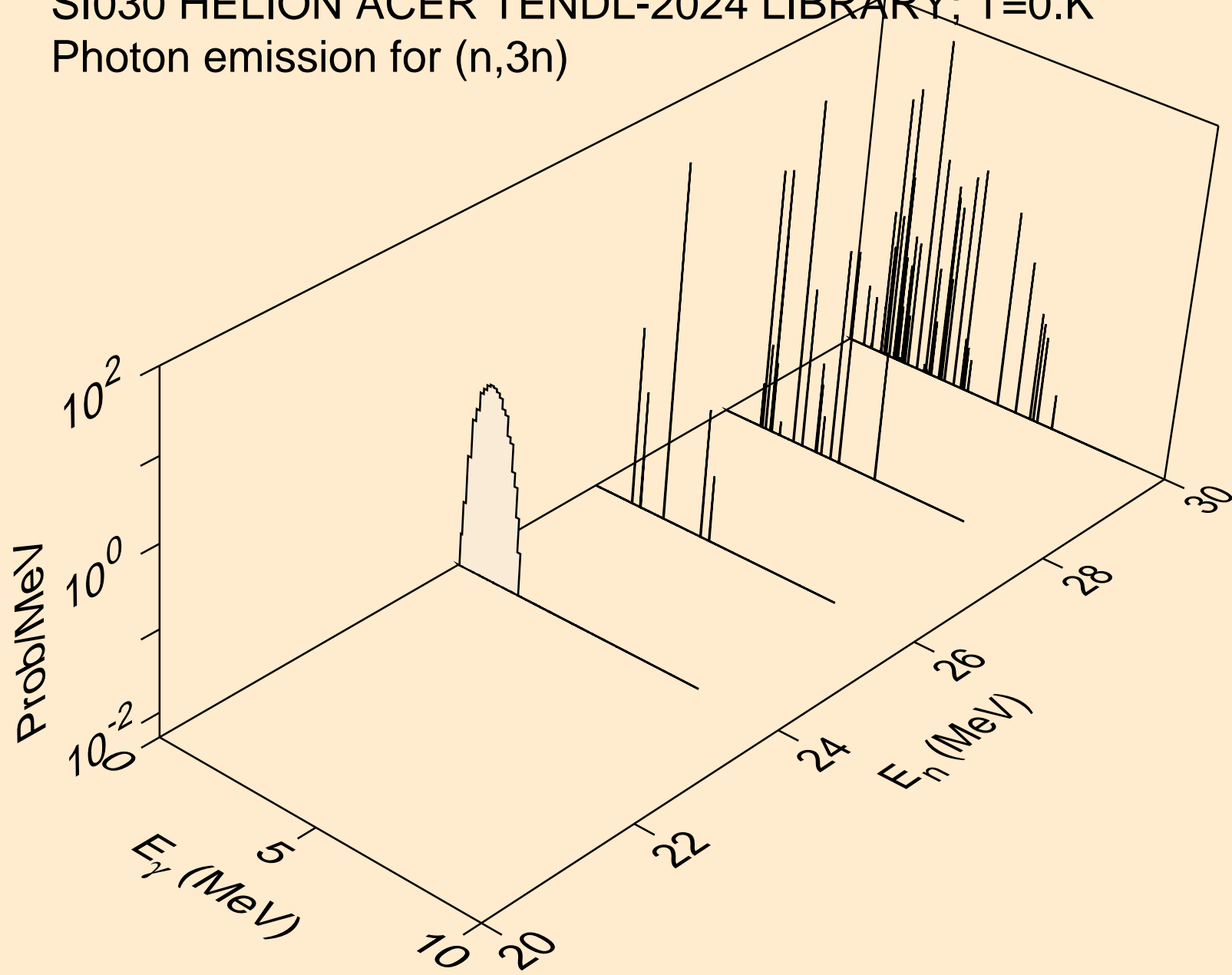
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2nd)



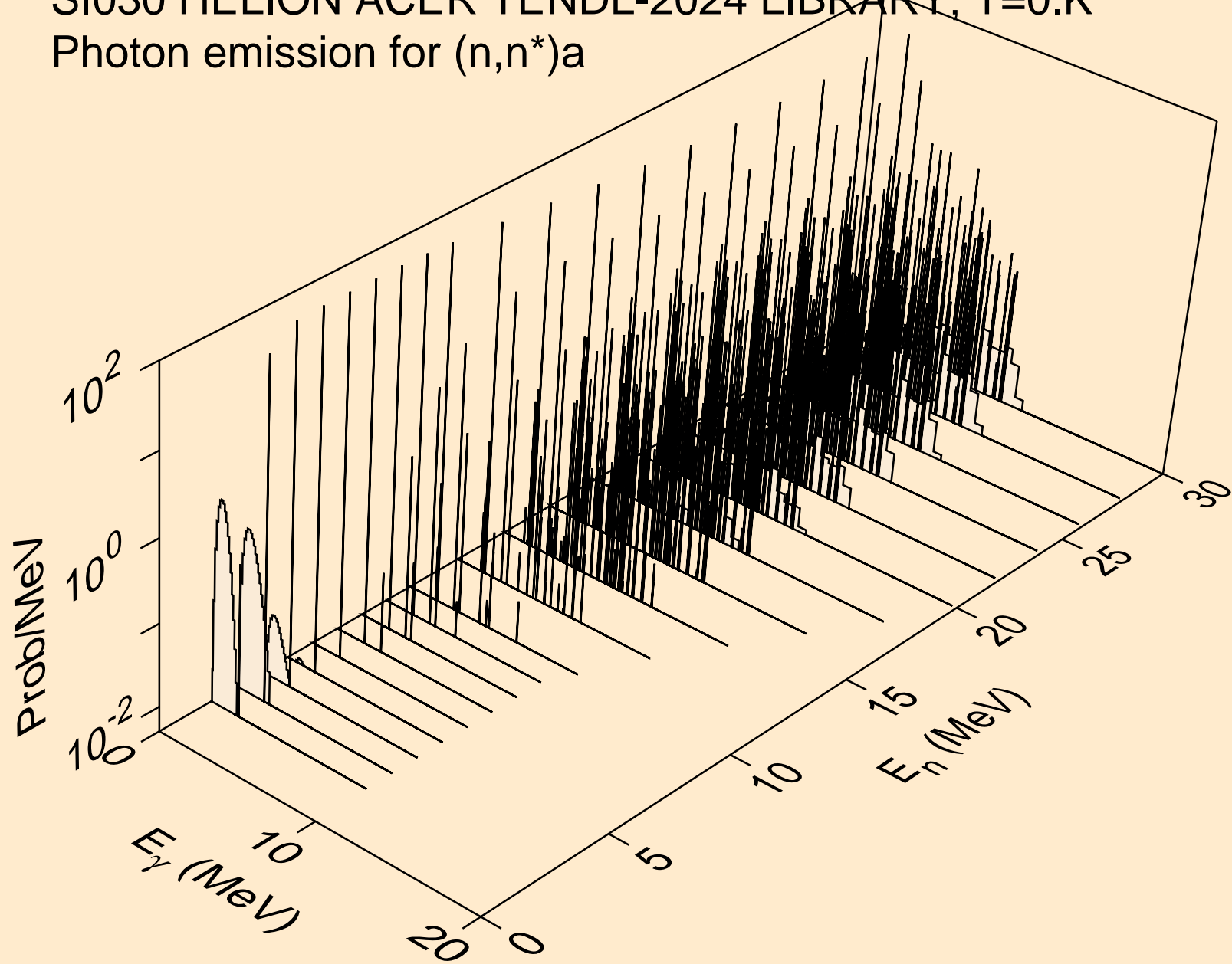
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n)



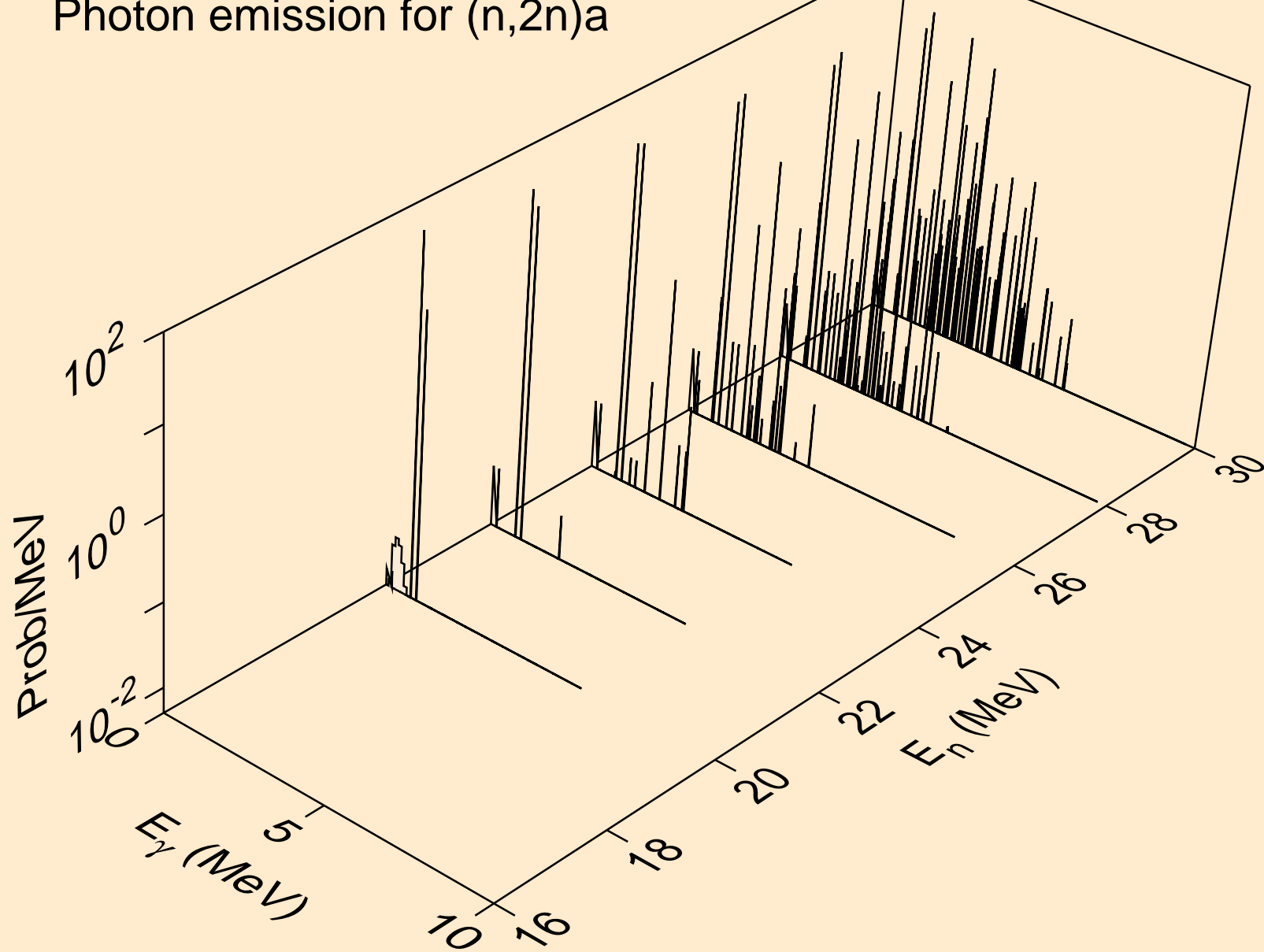
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3n)



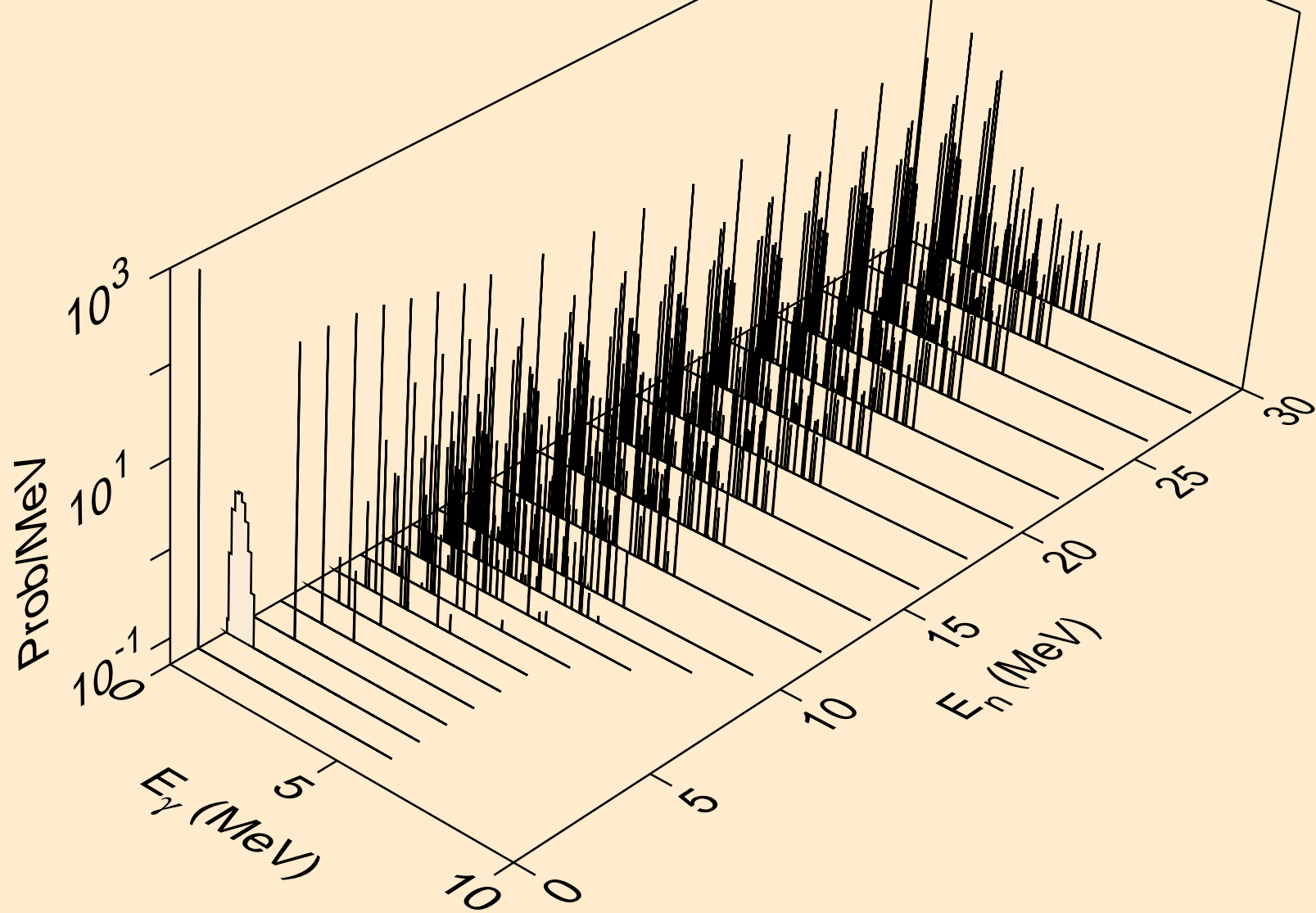
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)a



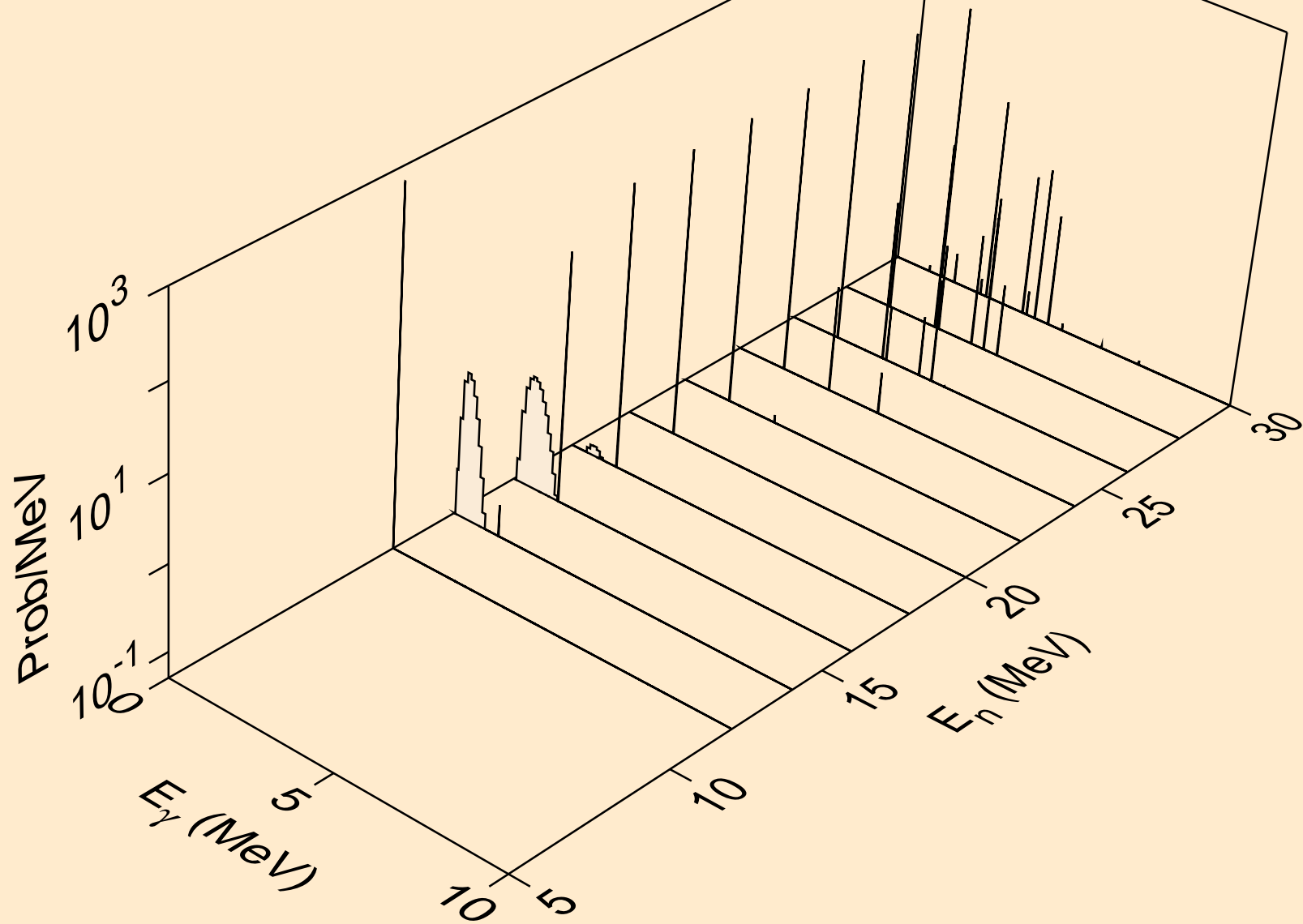
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n)a



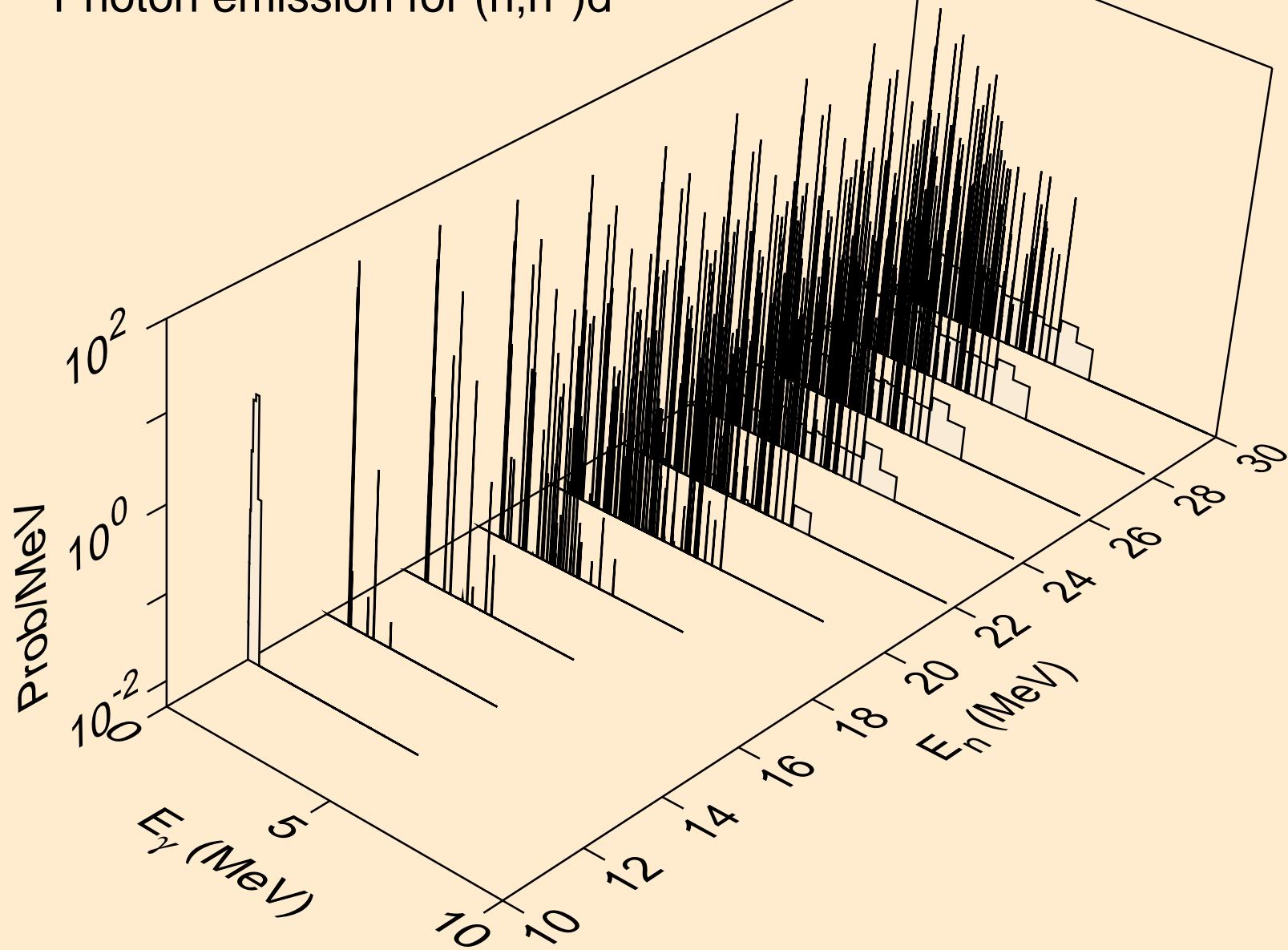
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)p



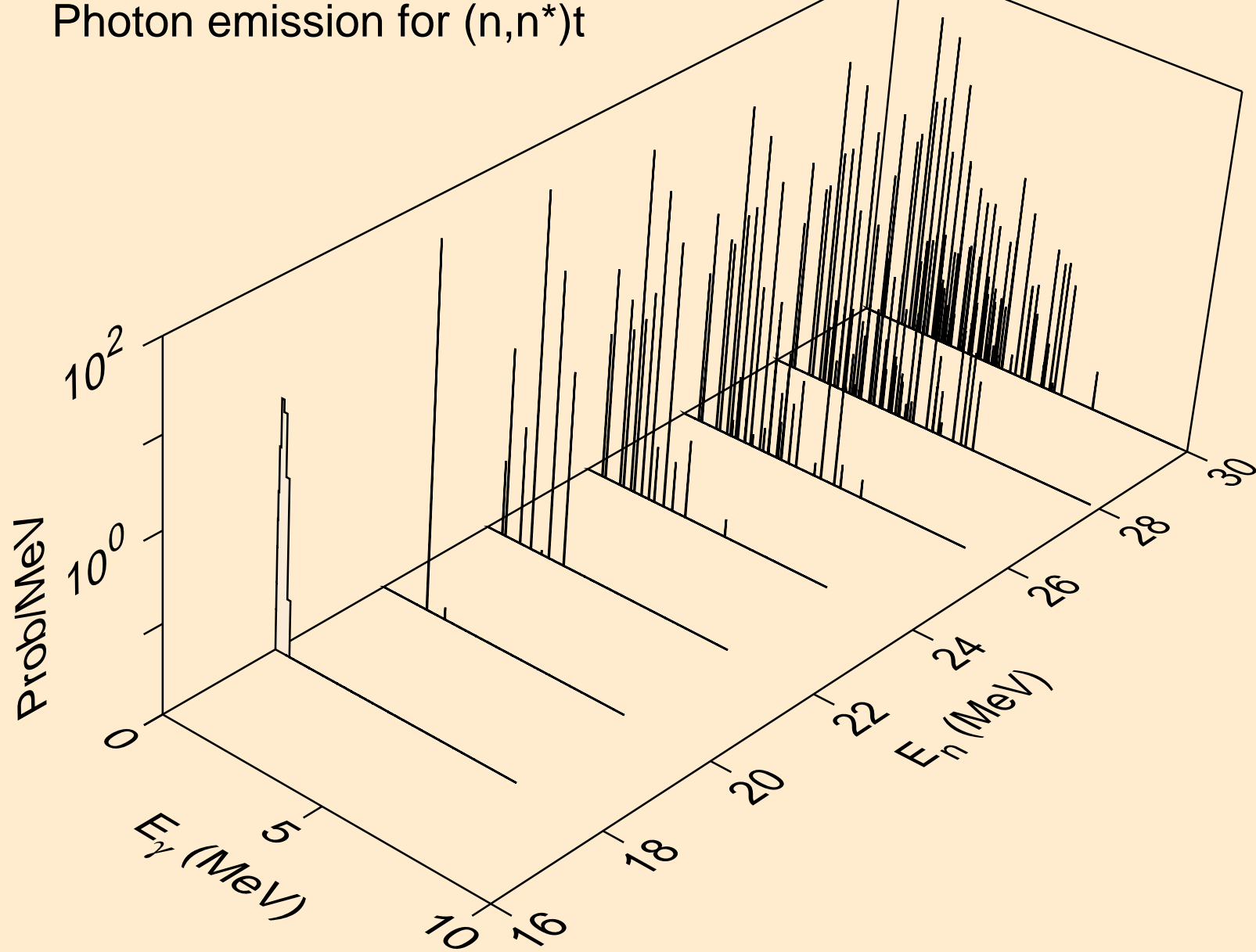
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)2a



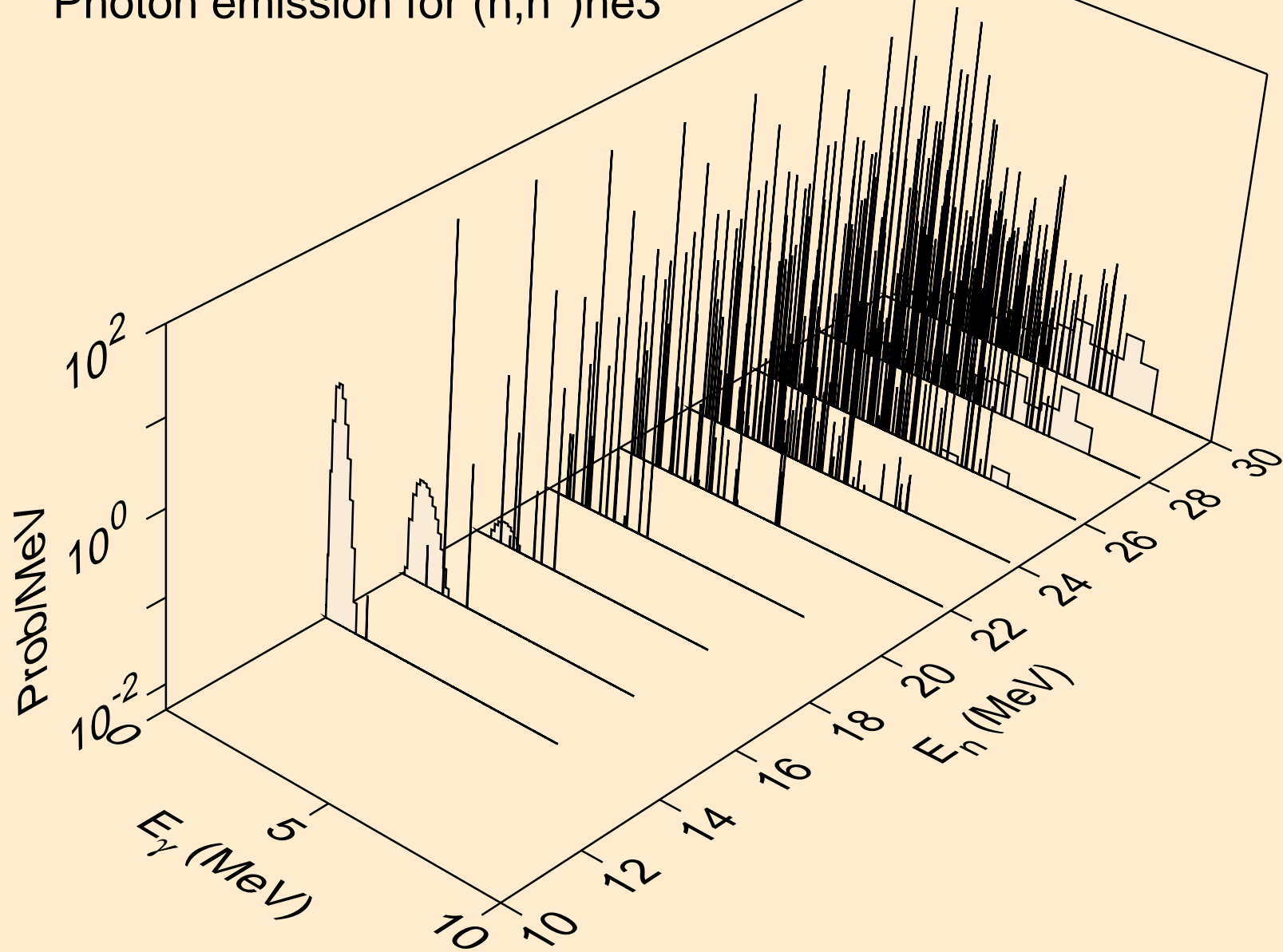
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)d



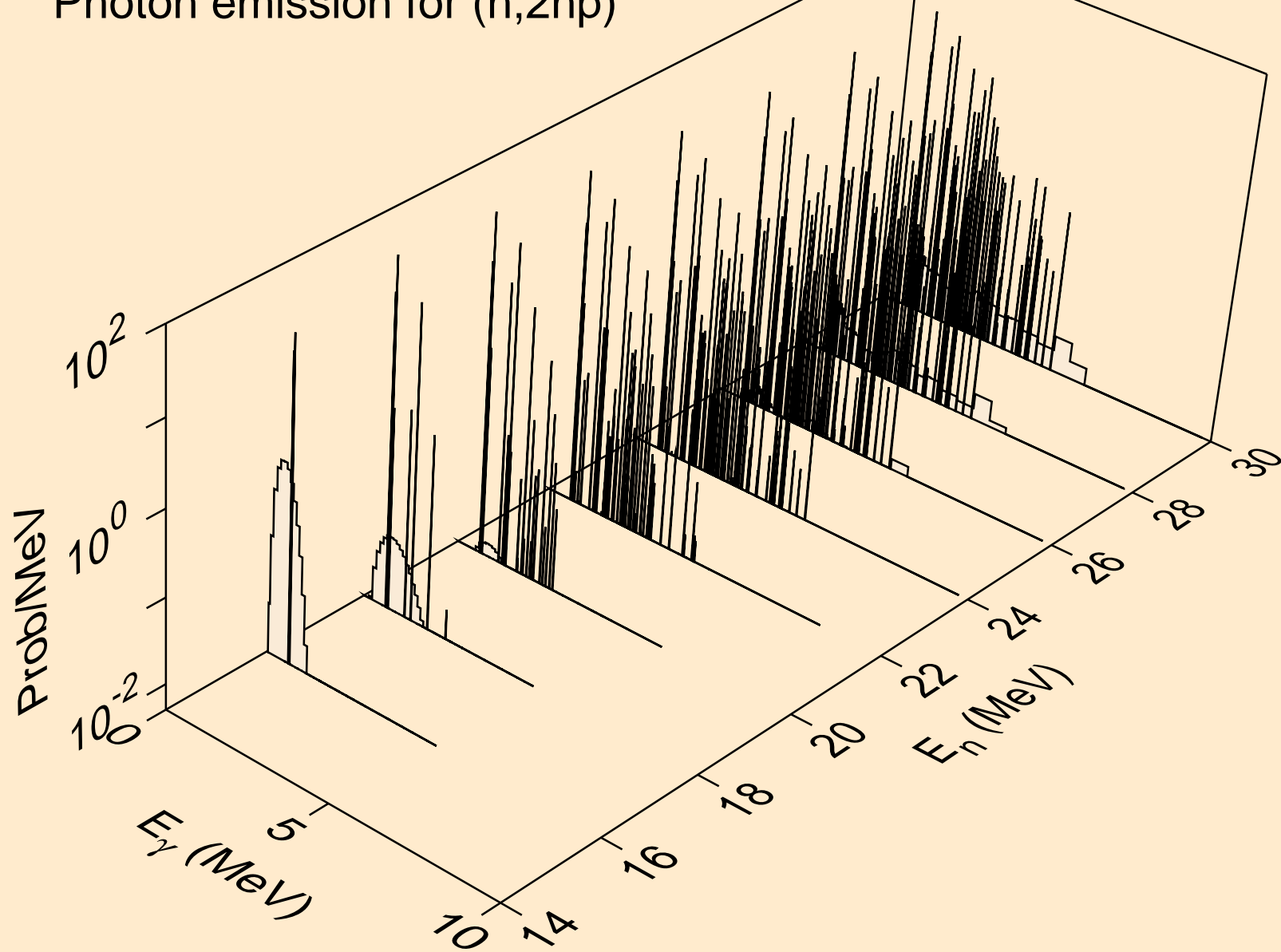
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)t



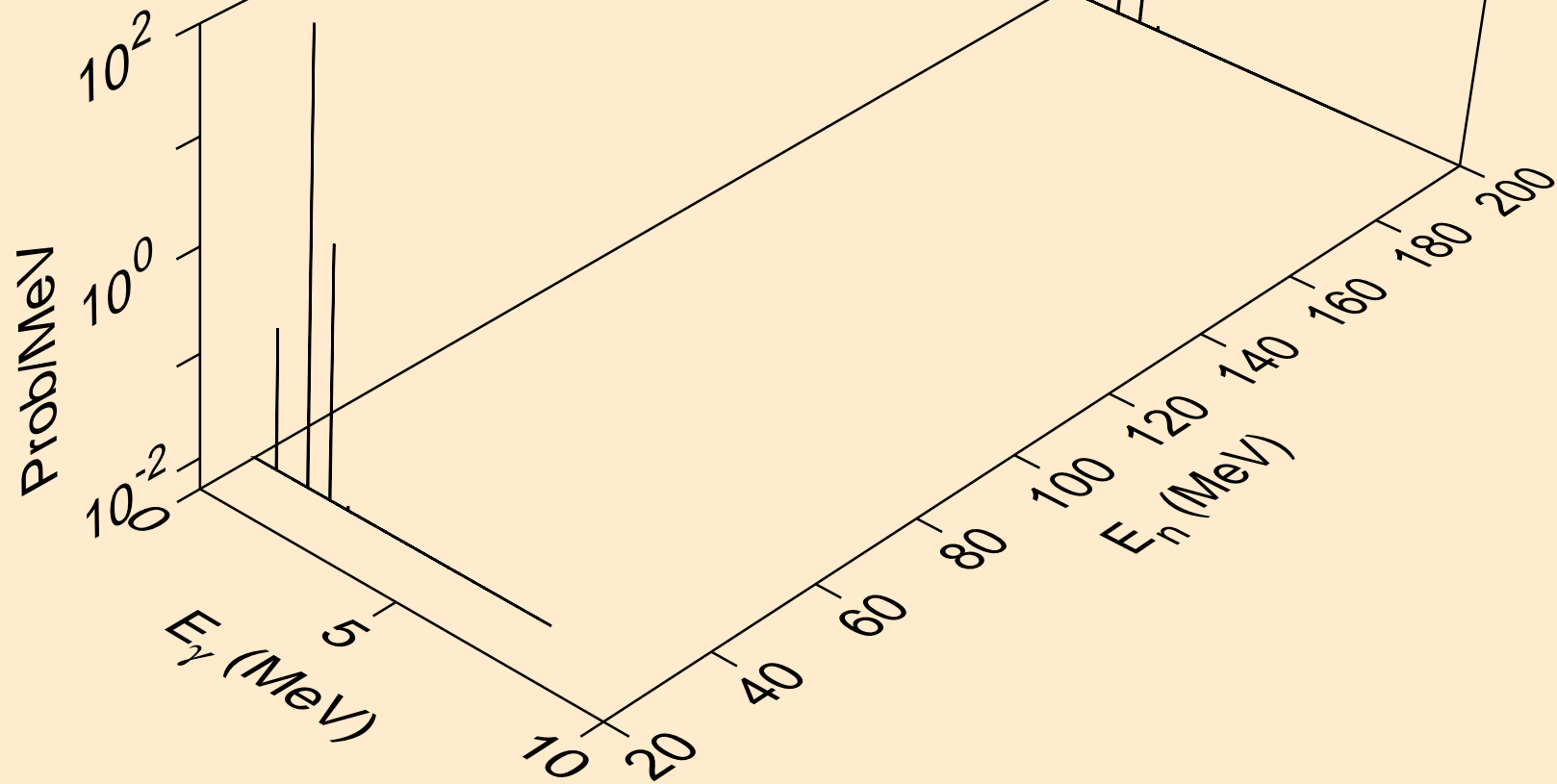
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)he3



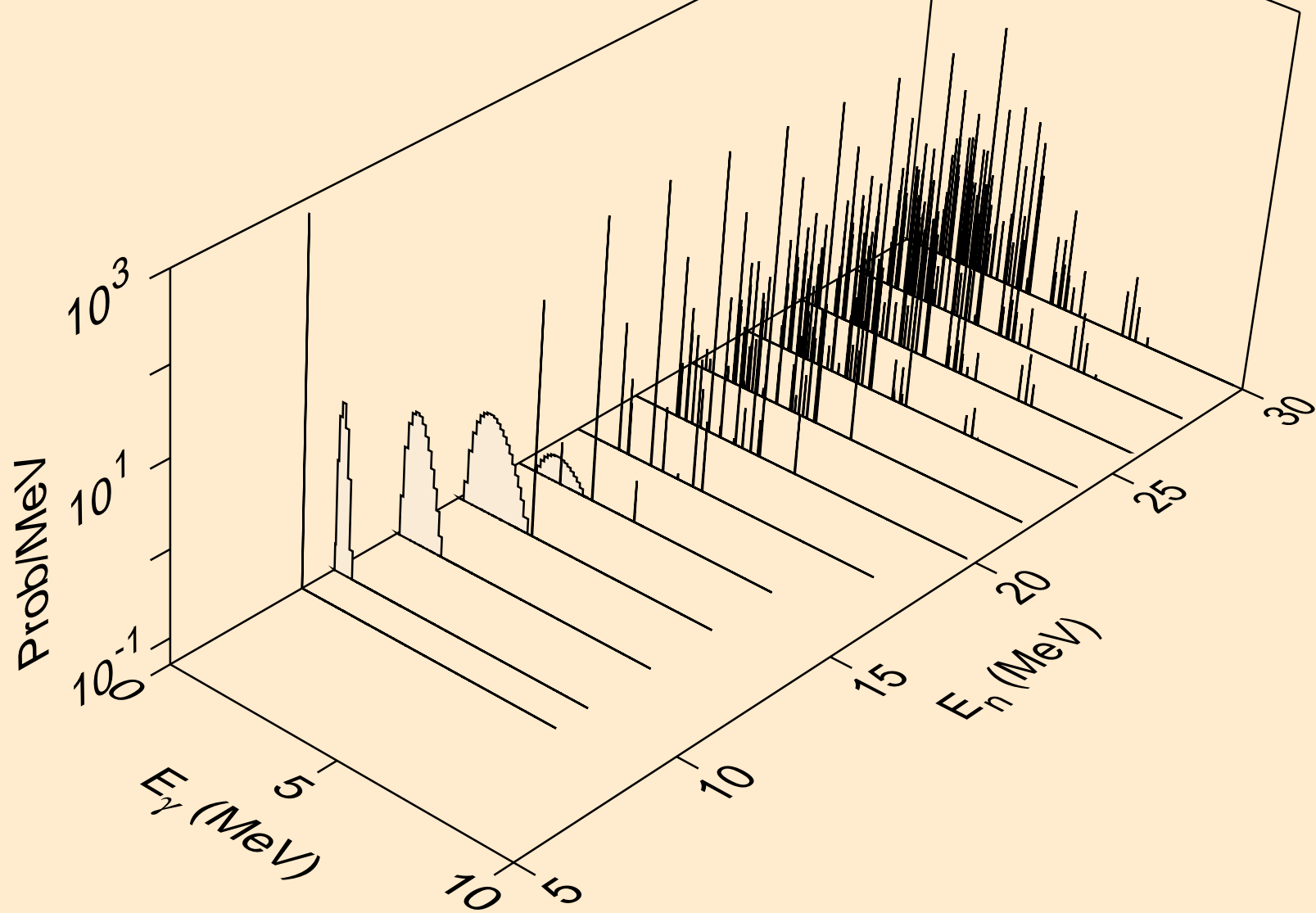
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2np)



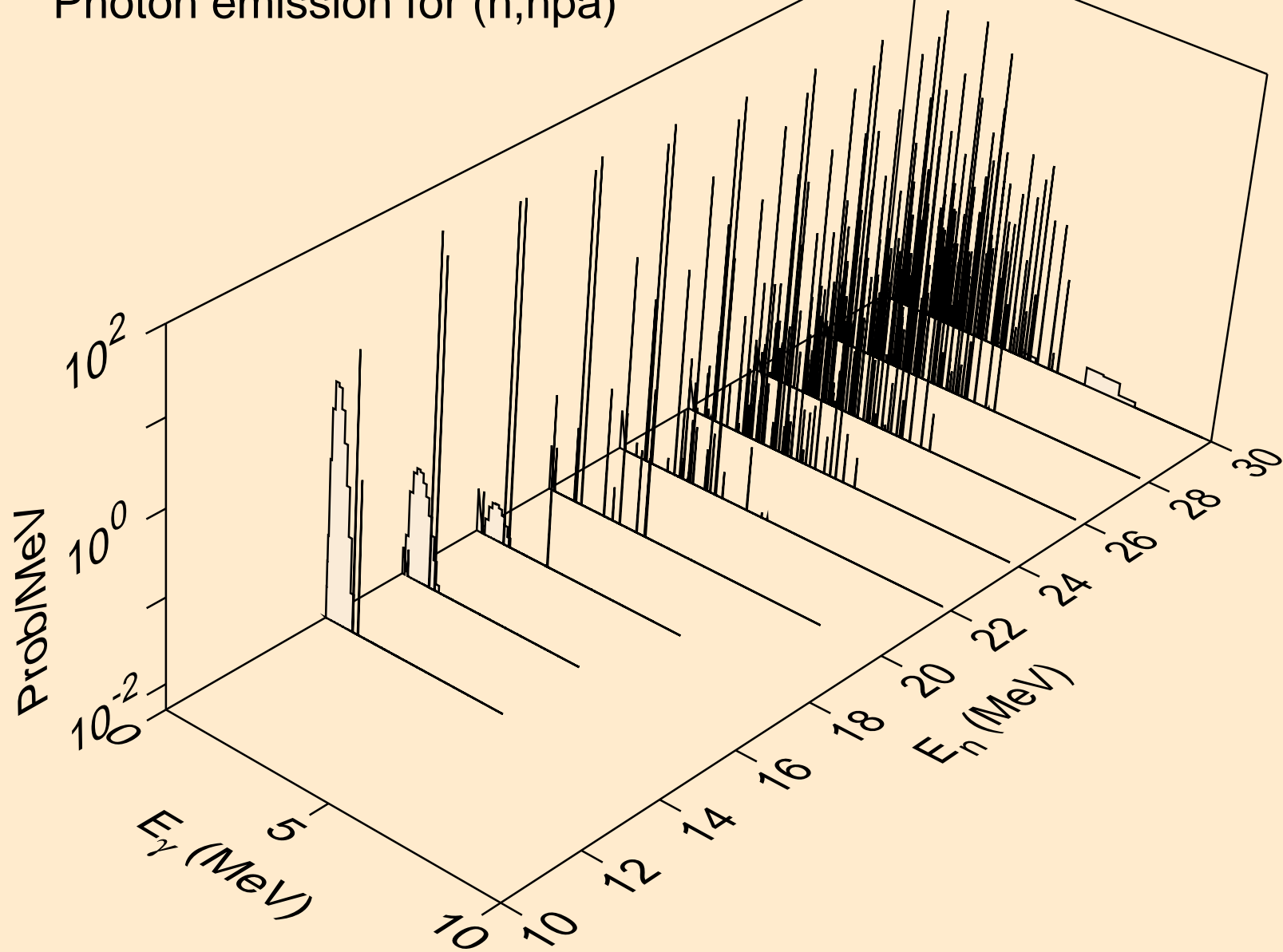
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3np)



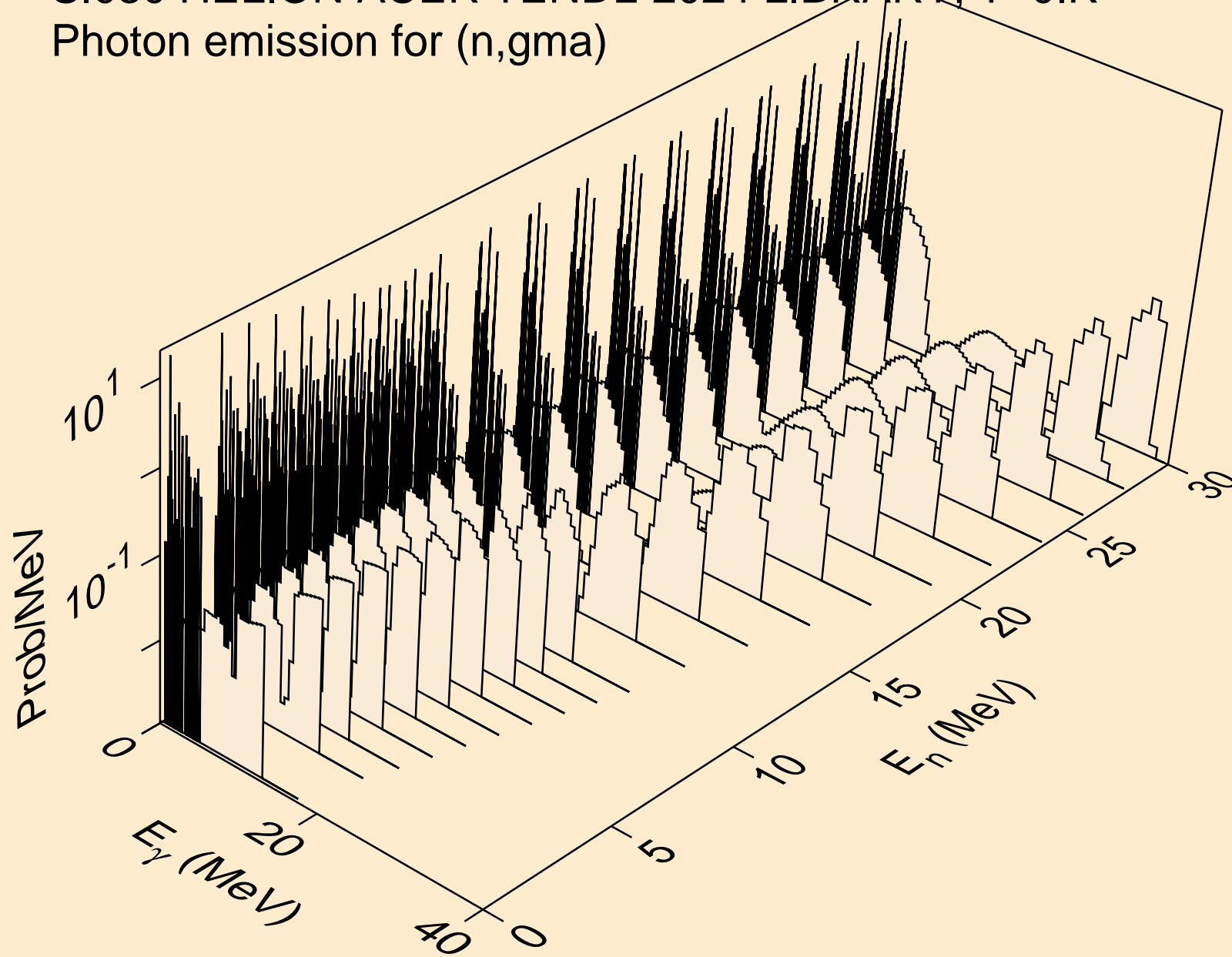
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n2p)



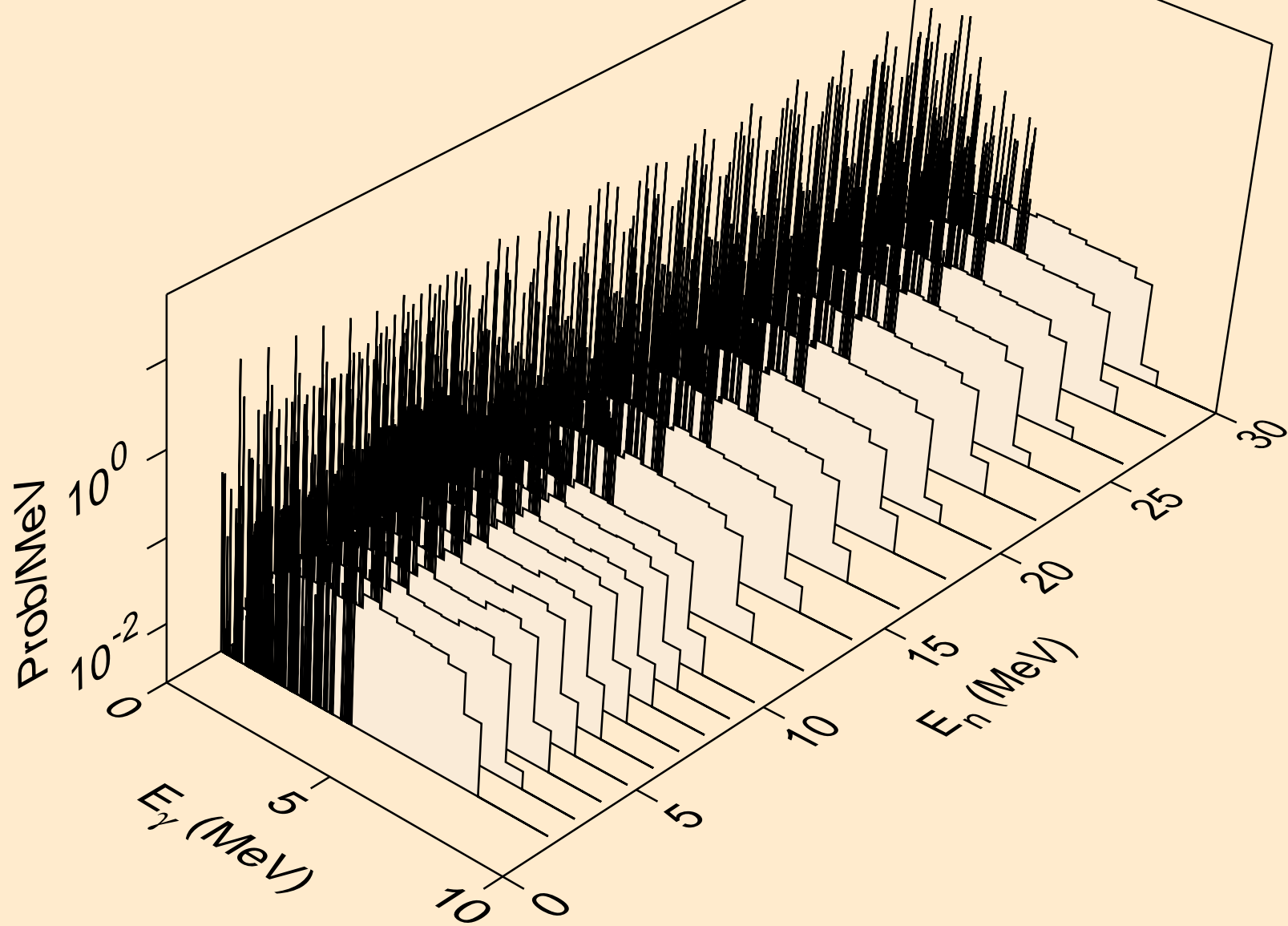
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,npa)



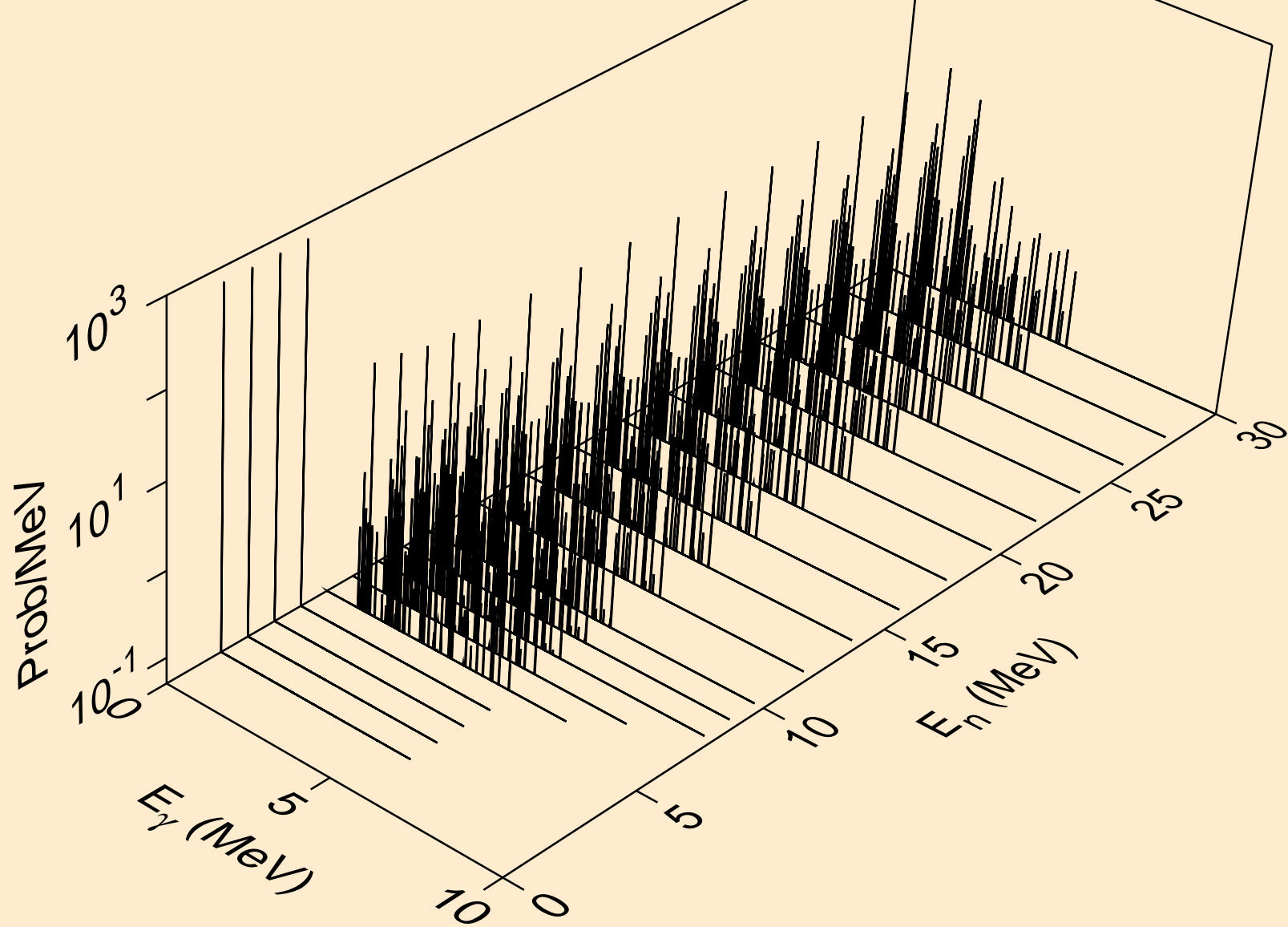
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,gma)



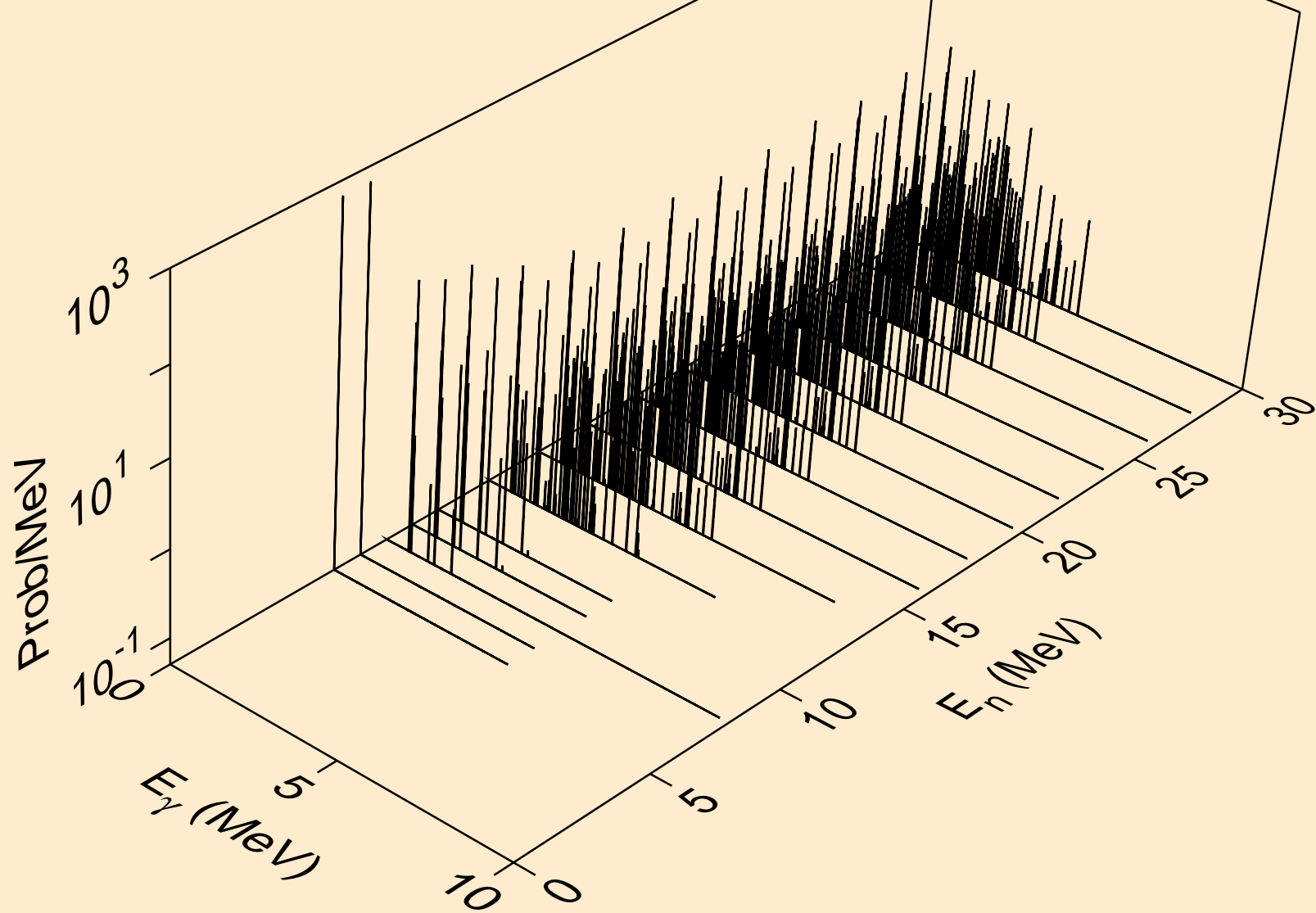
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,p)



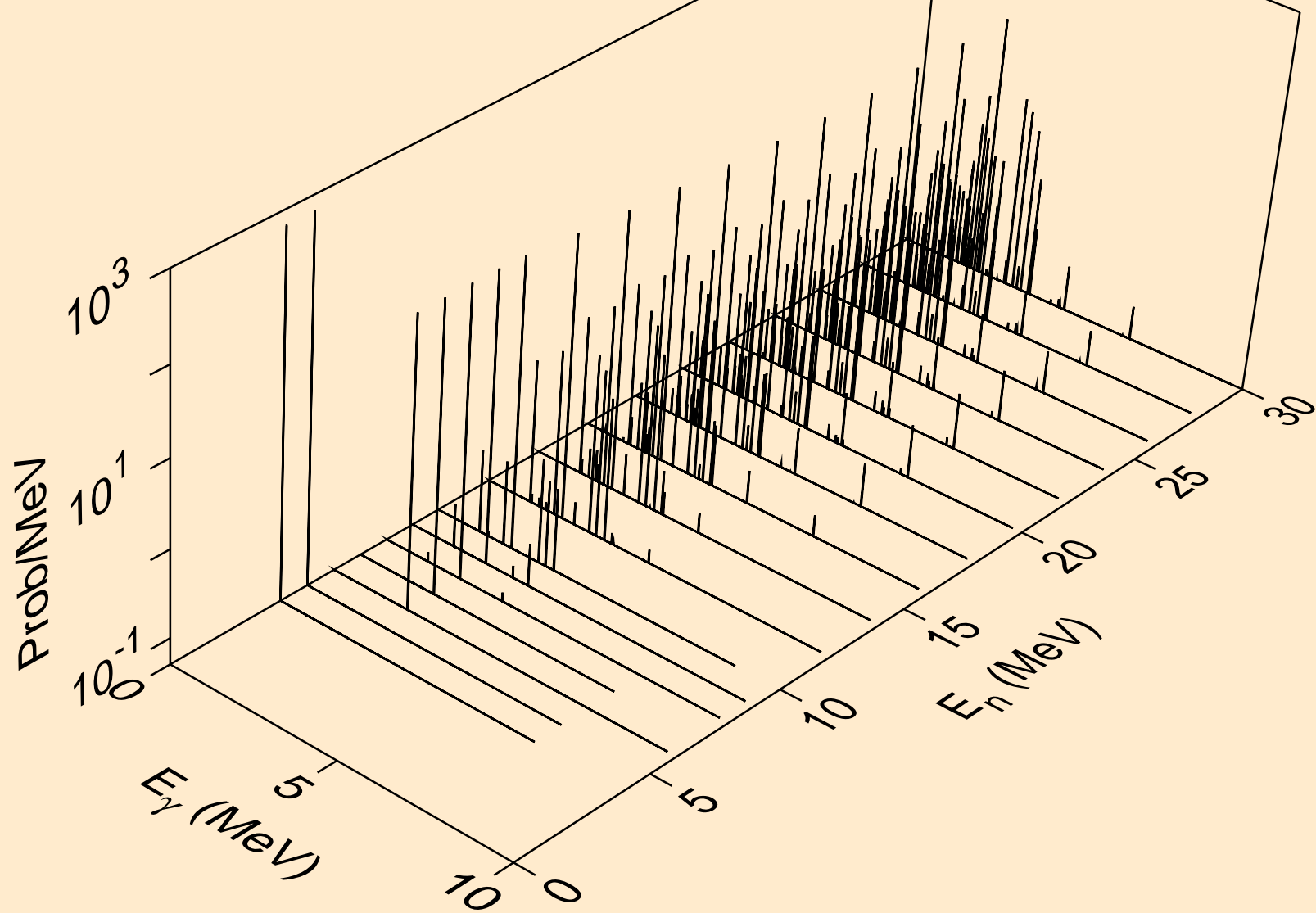
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,d)



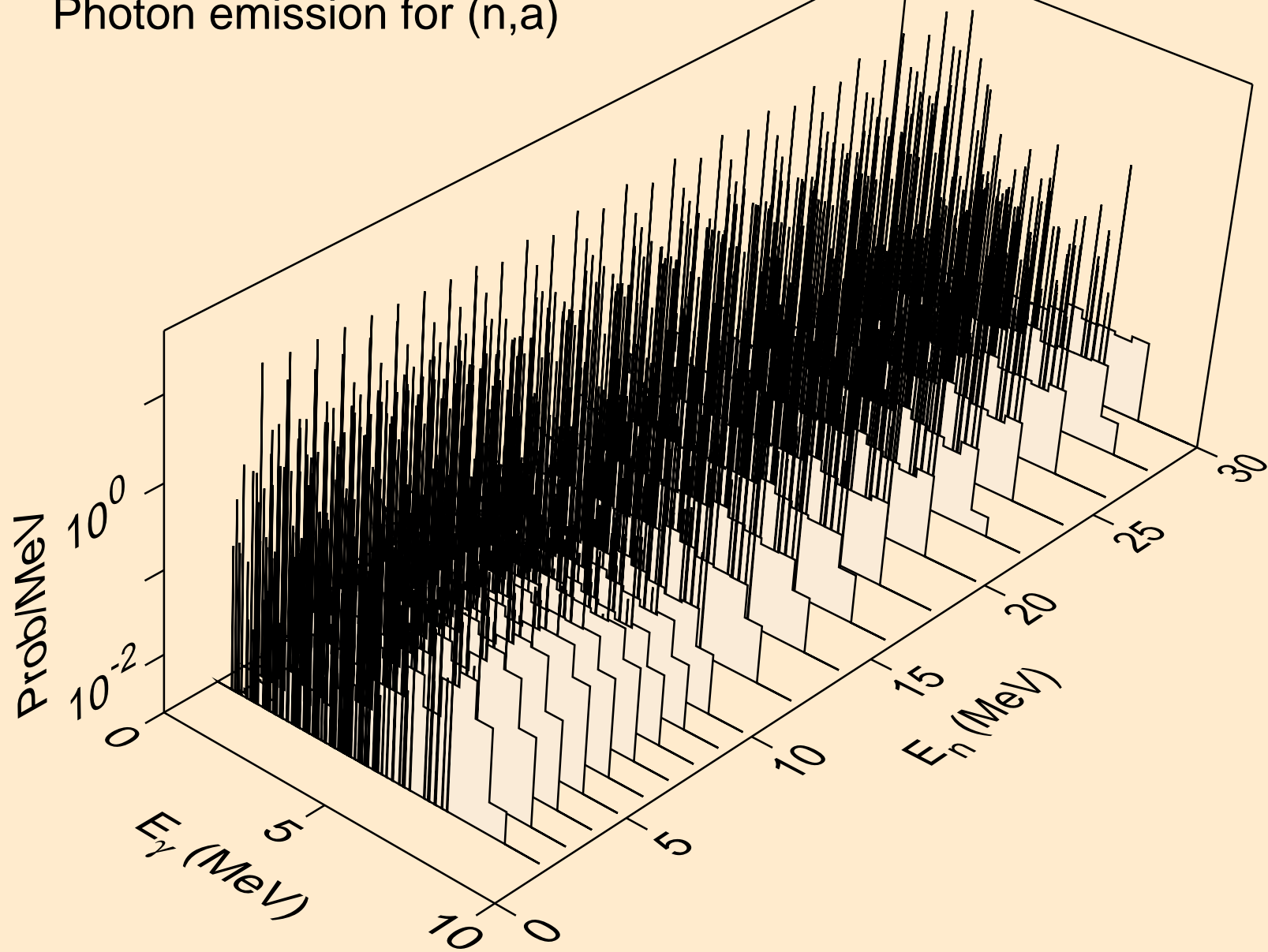
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,t)



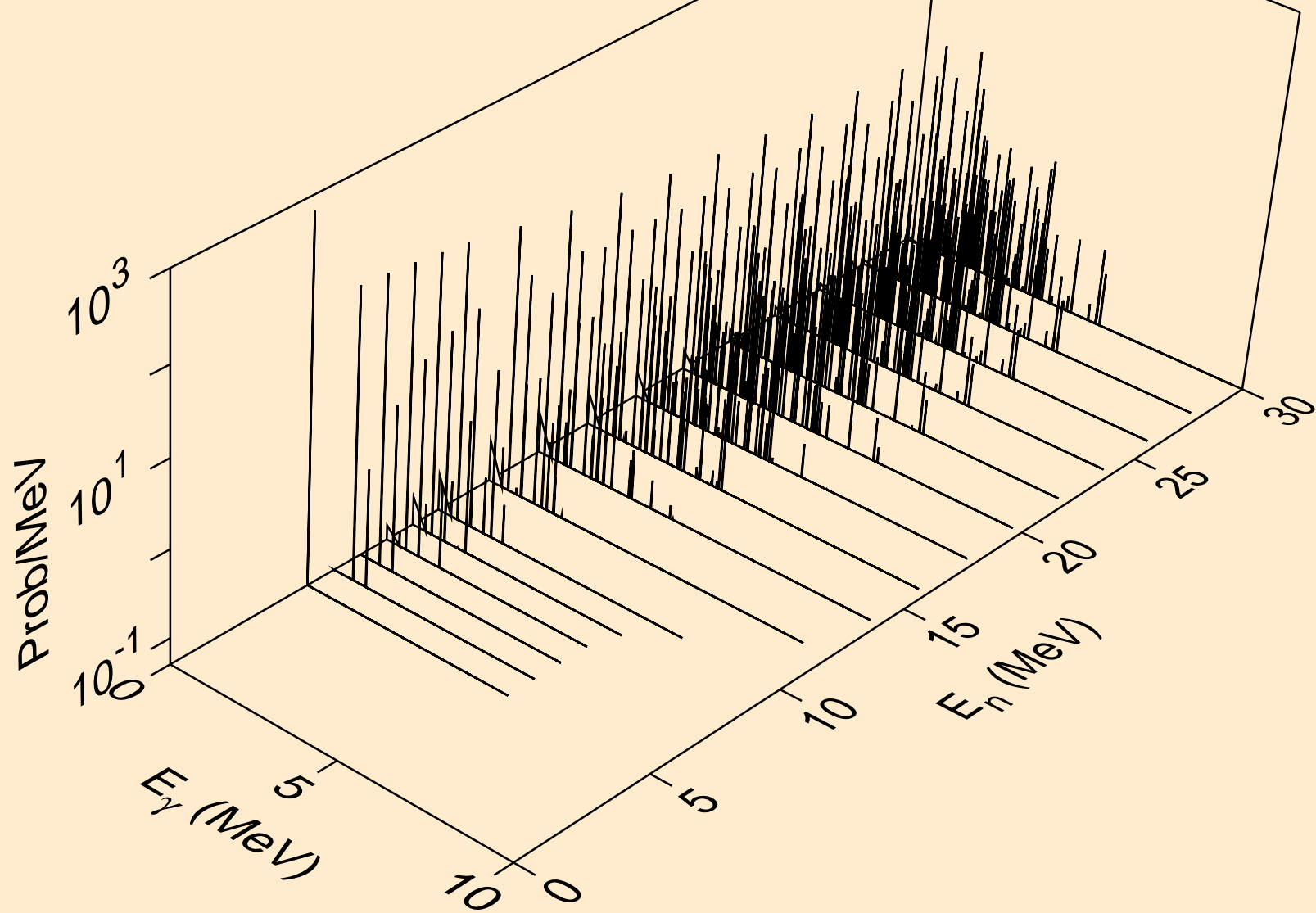
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for inelastic



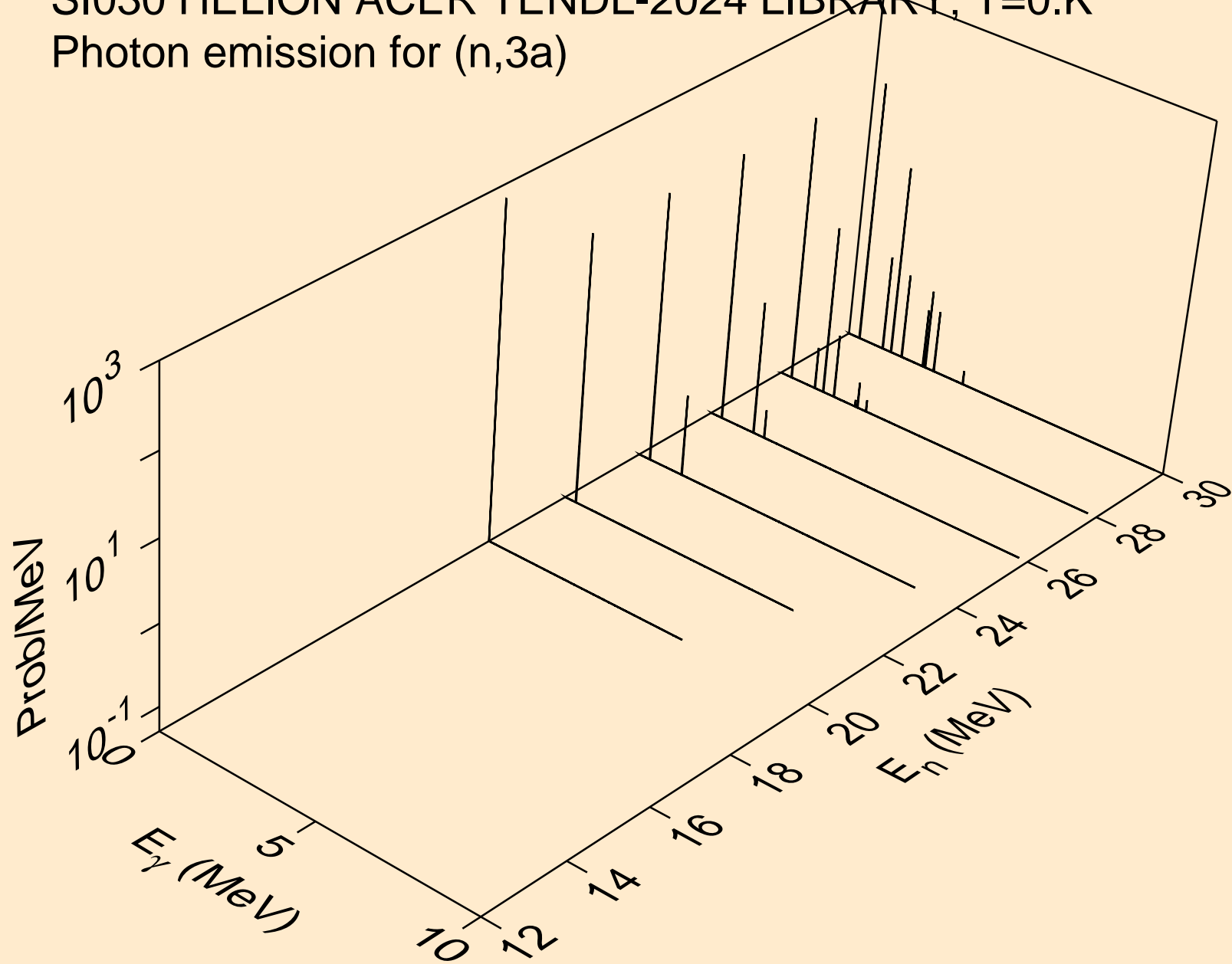
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,a)



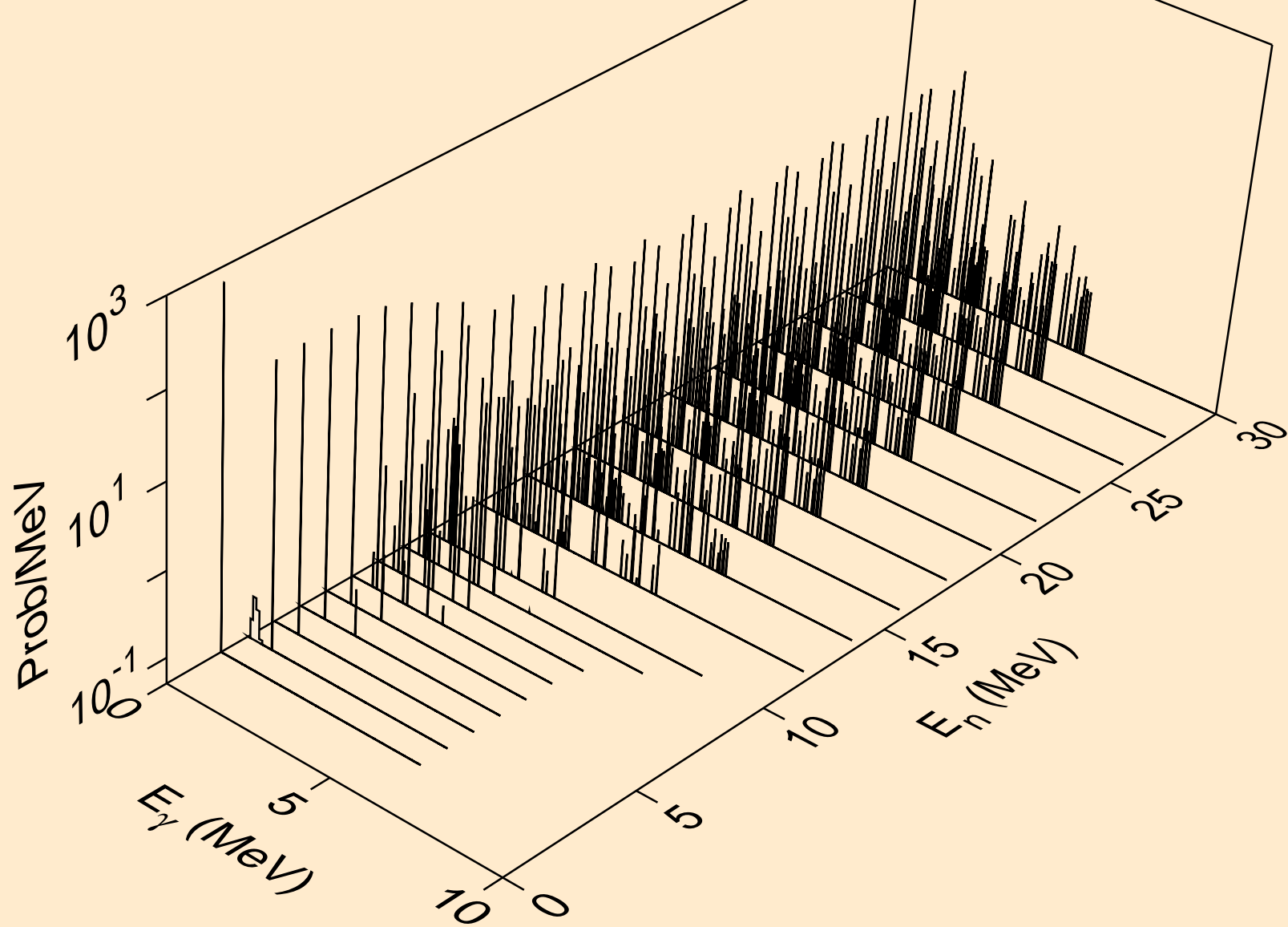
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2a)



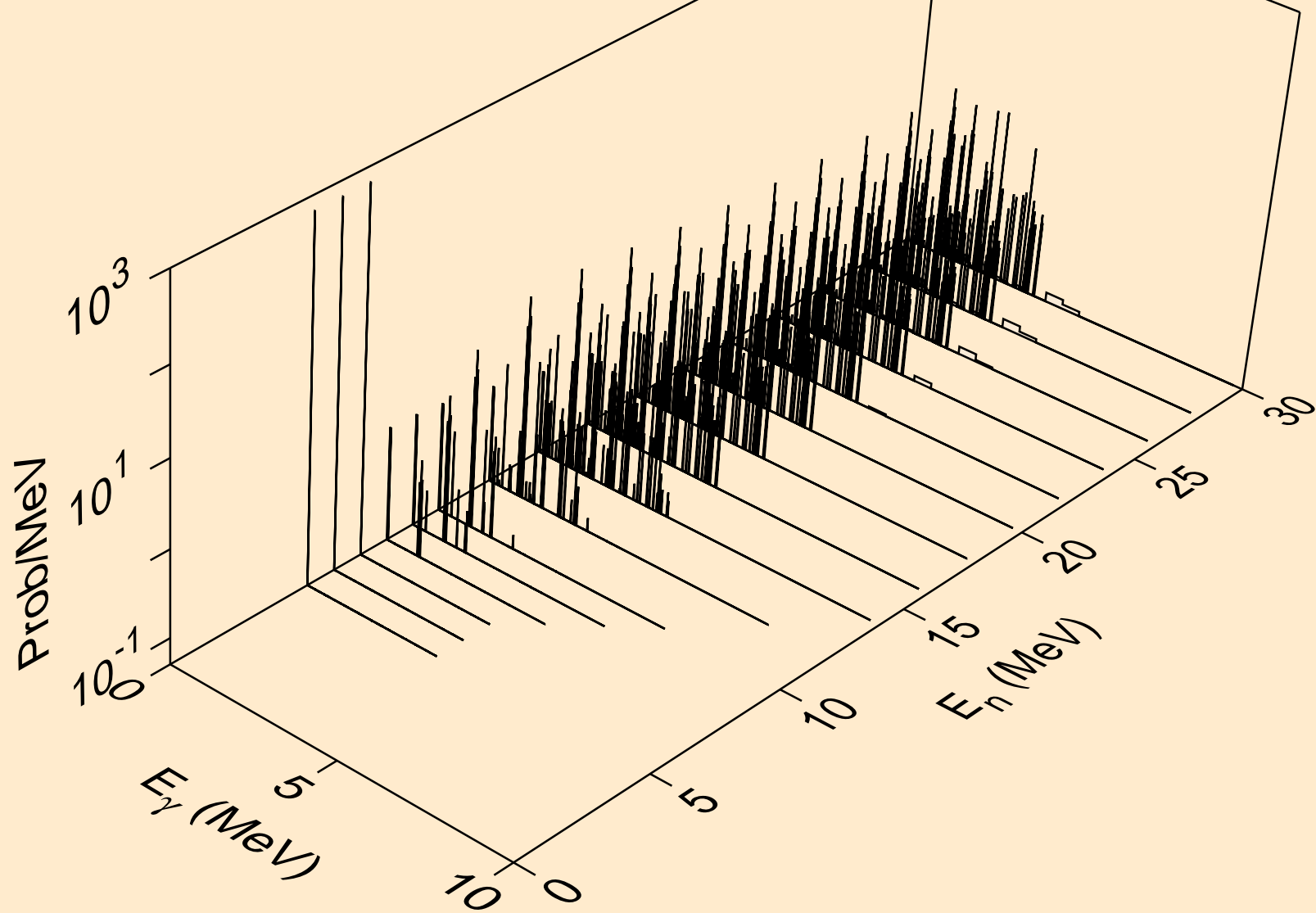
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3a)



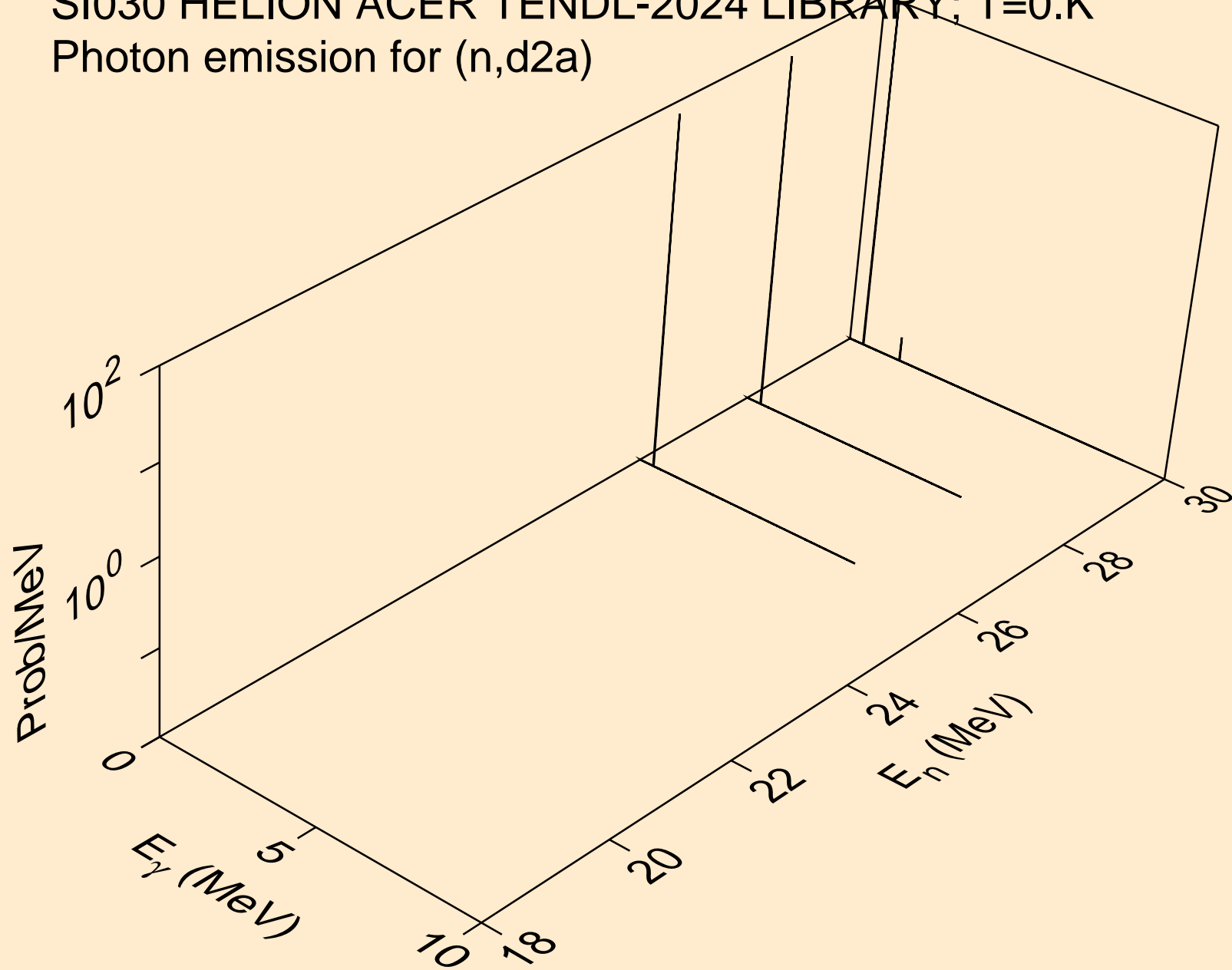
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2p)



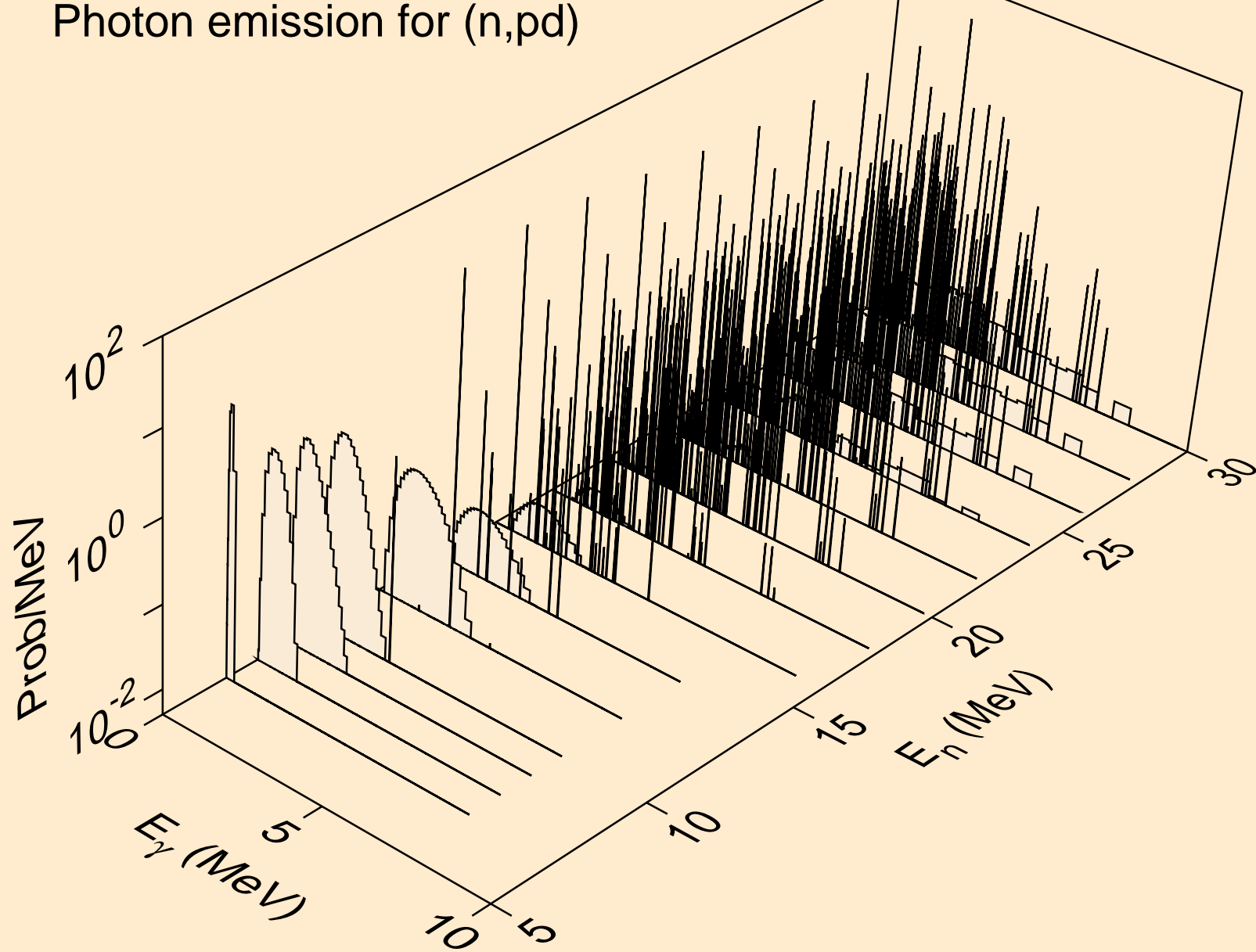
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pa)



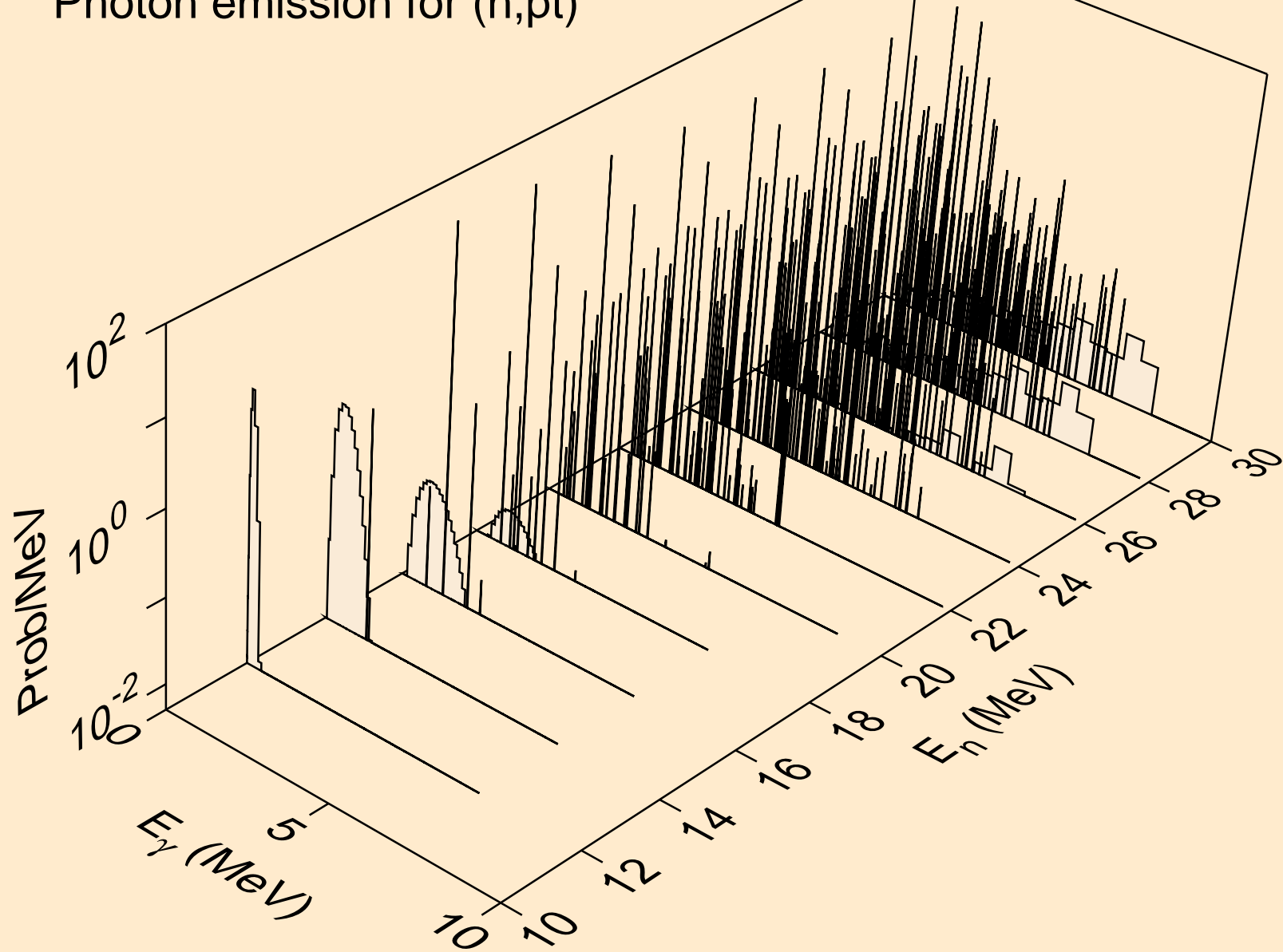
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,d2a)



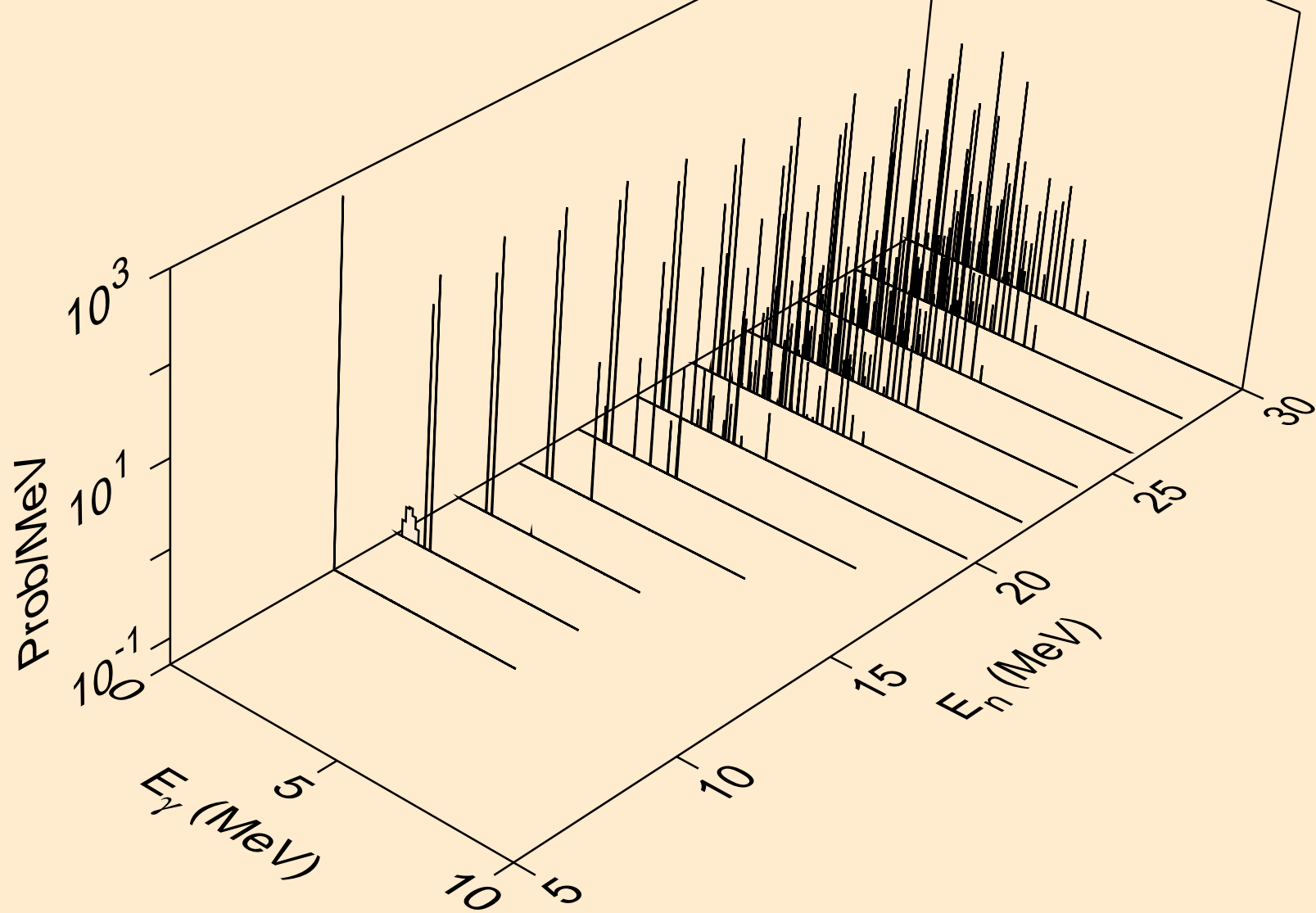
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pd)



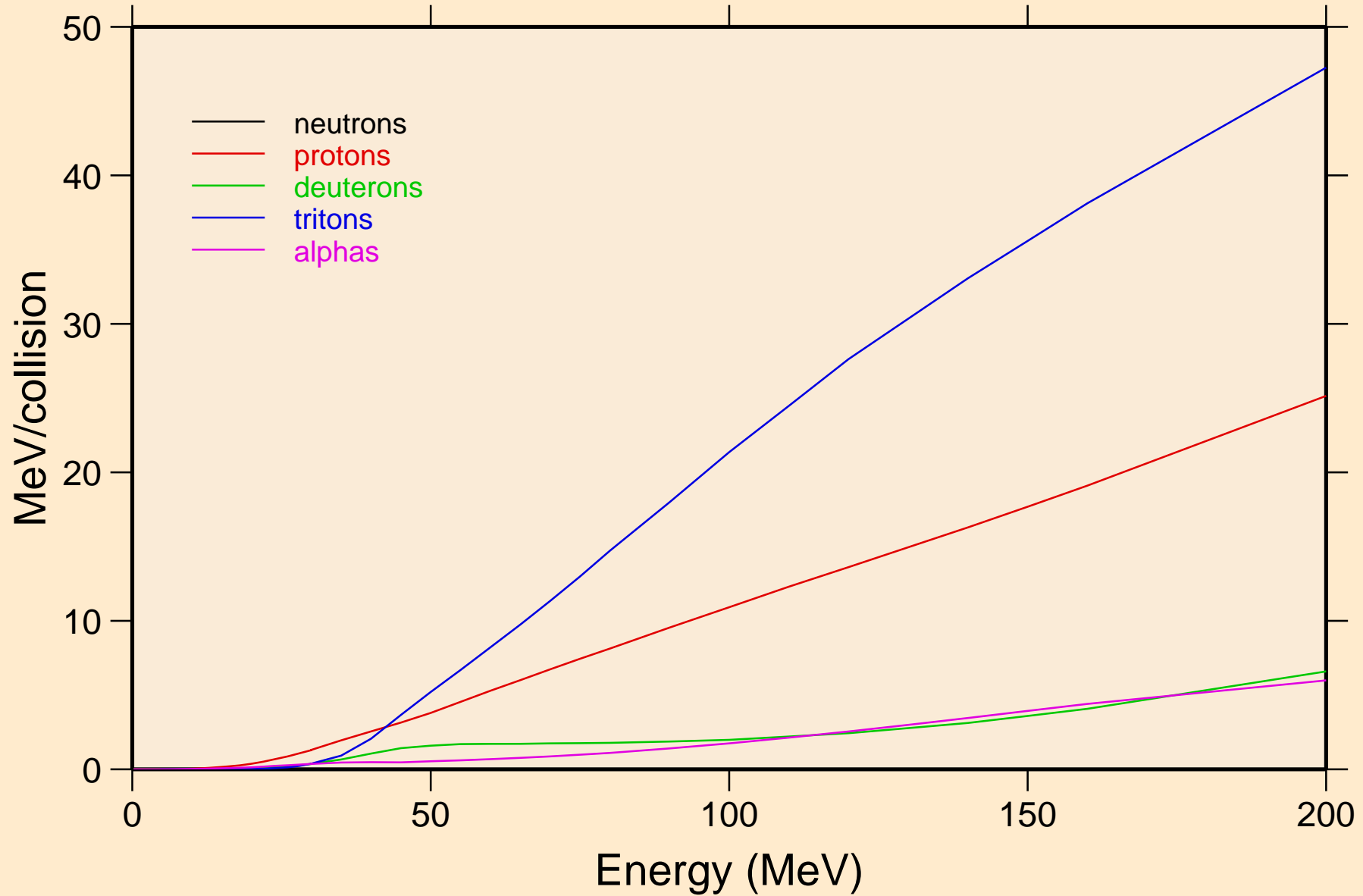
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pt)



SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,da)

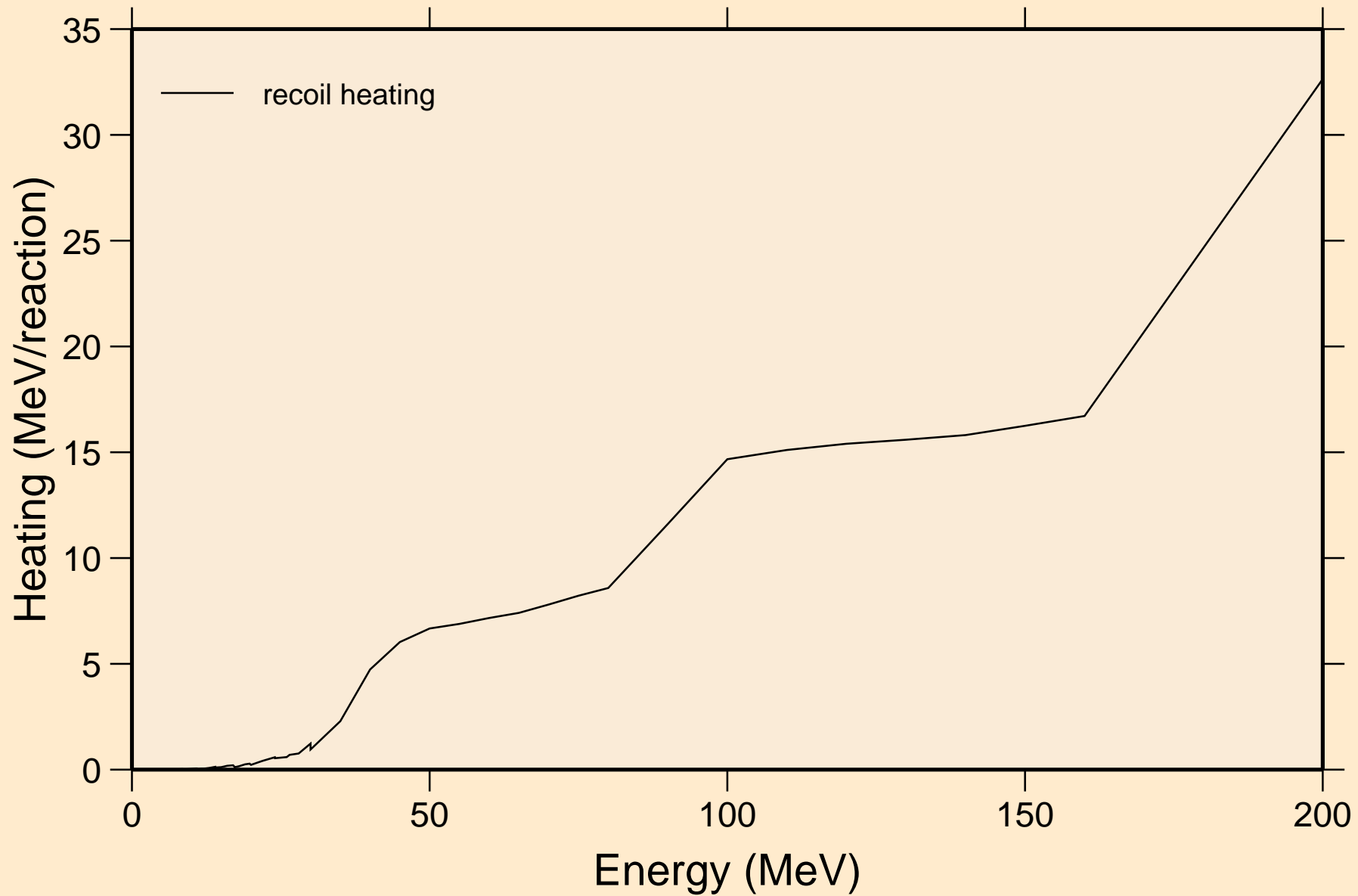


SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
Particle heating contributions

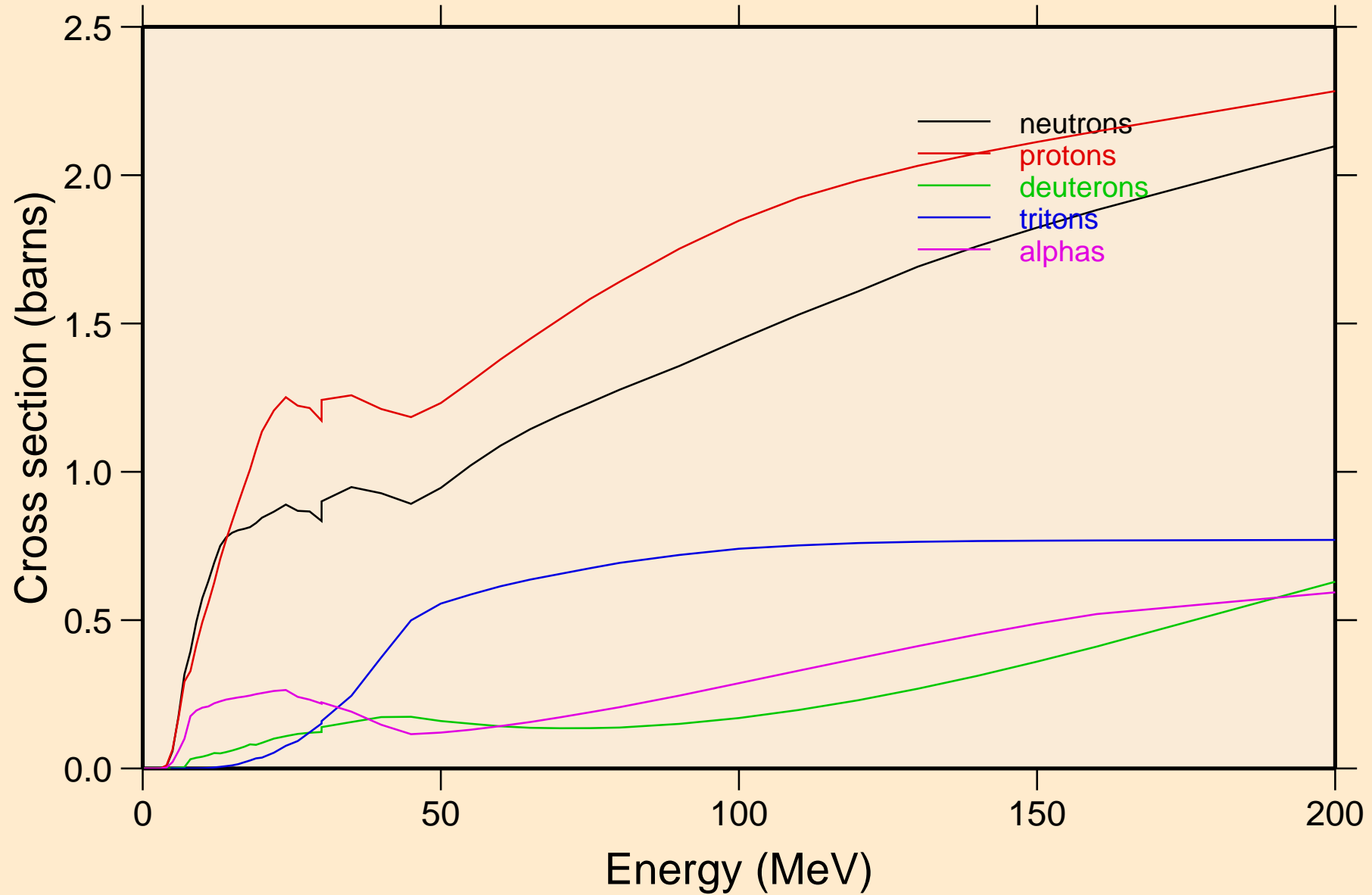


SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K

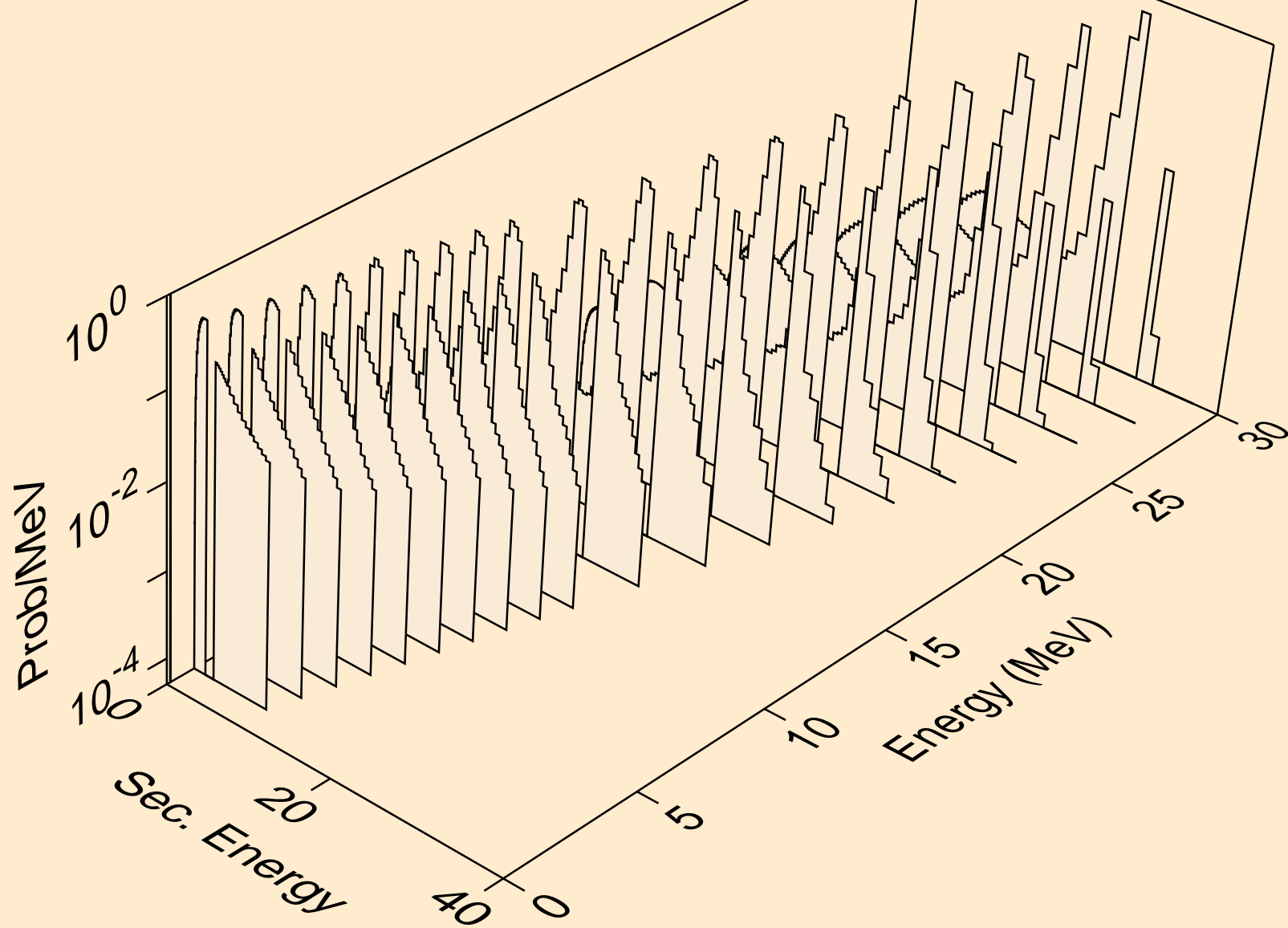
Recoil Heating



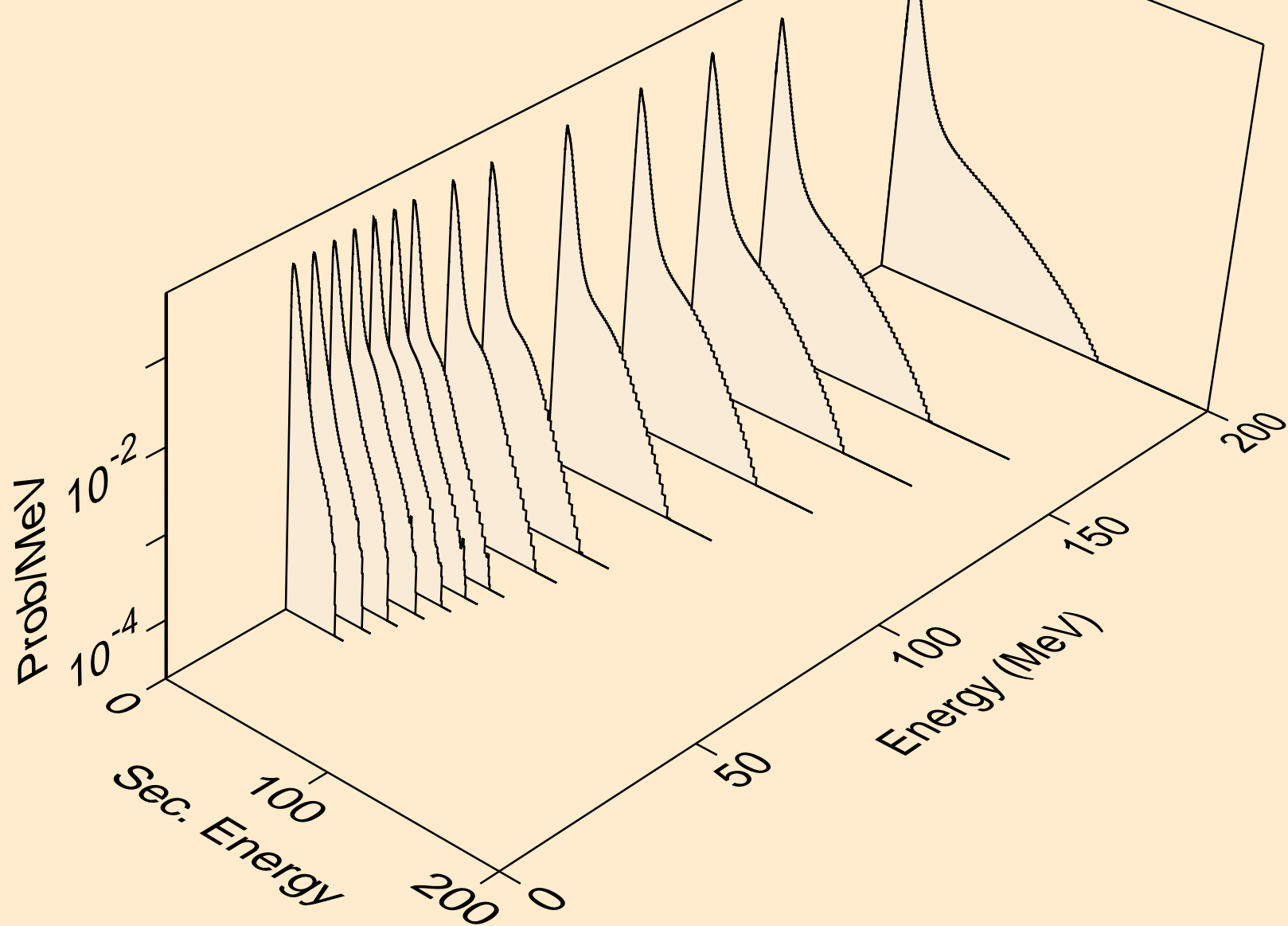
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
Particle production cross sections



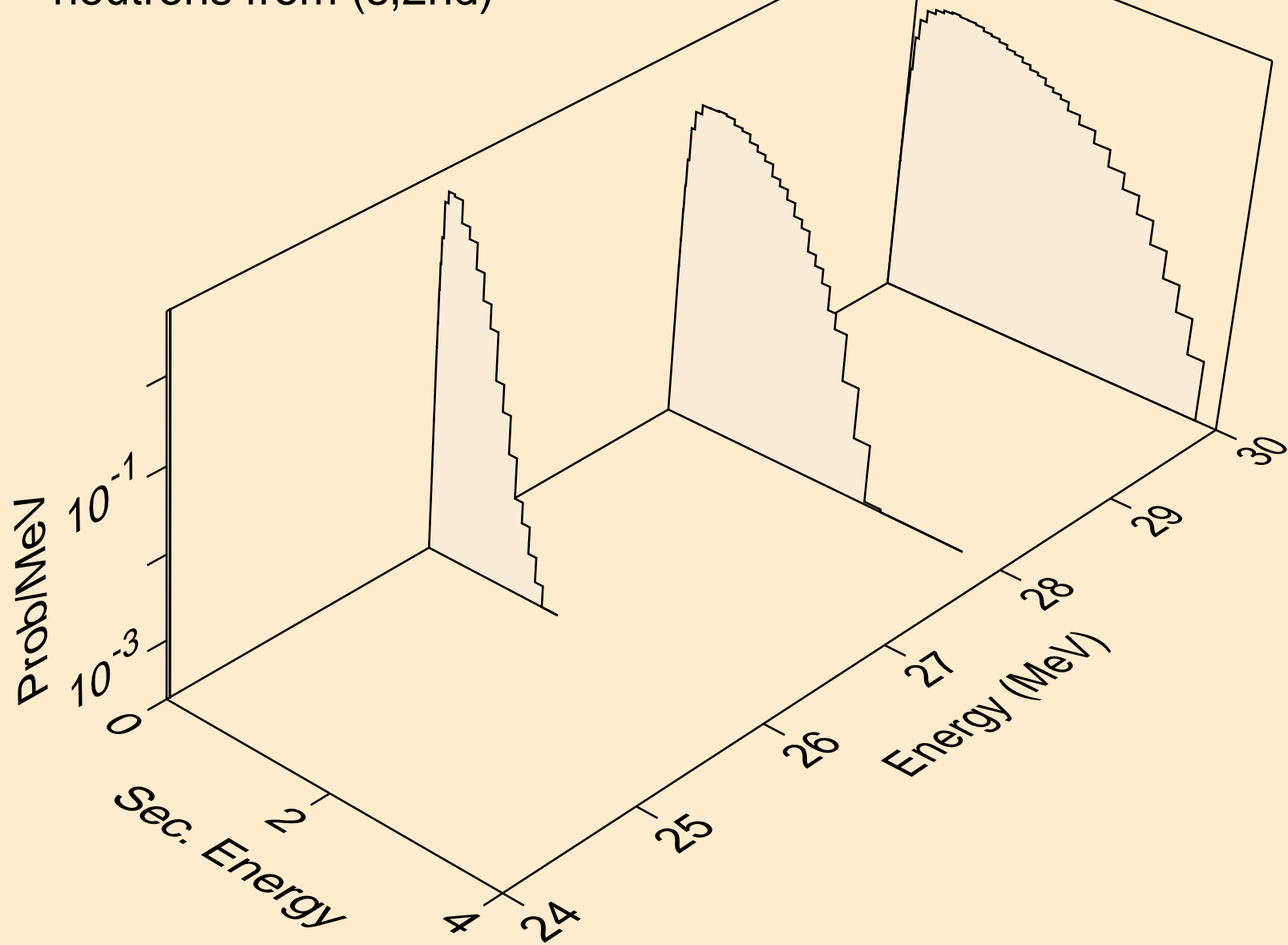
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,n)



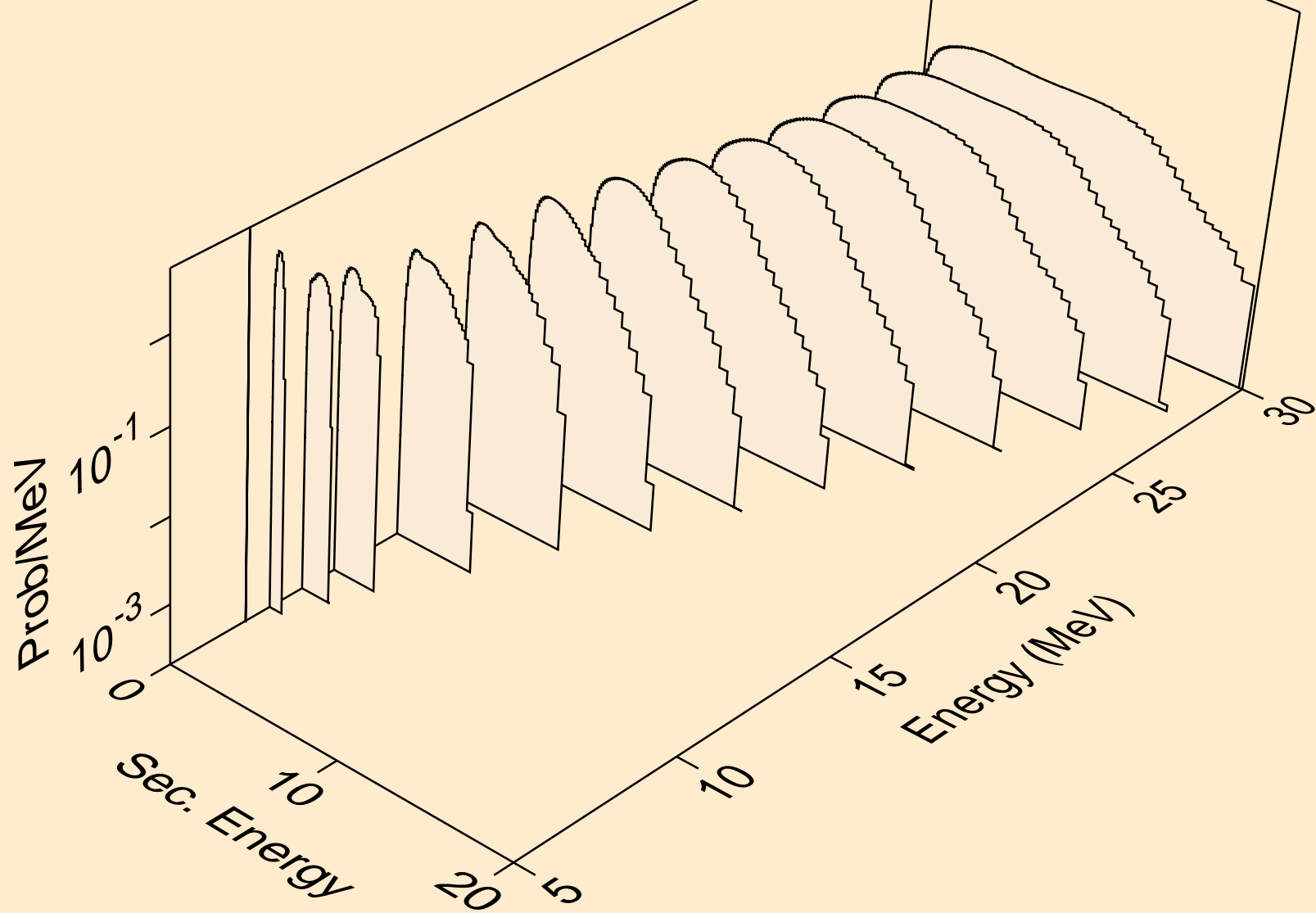
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,x)



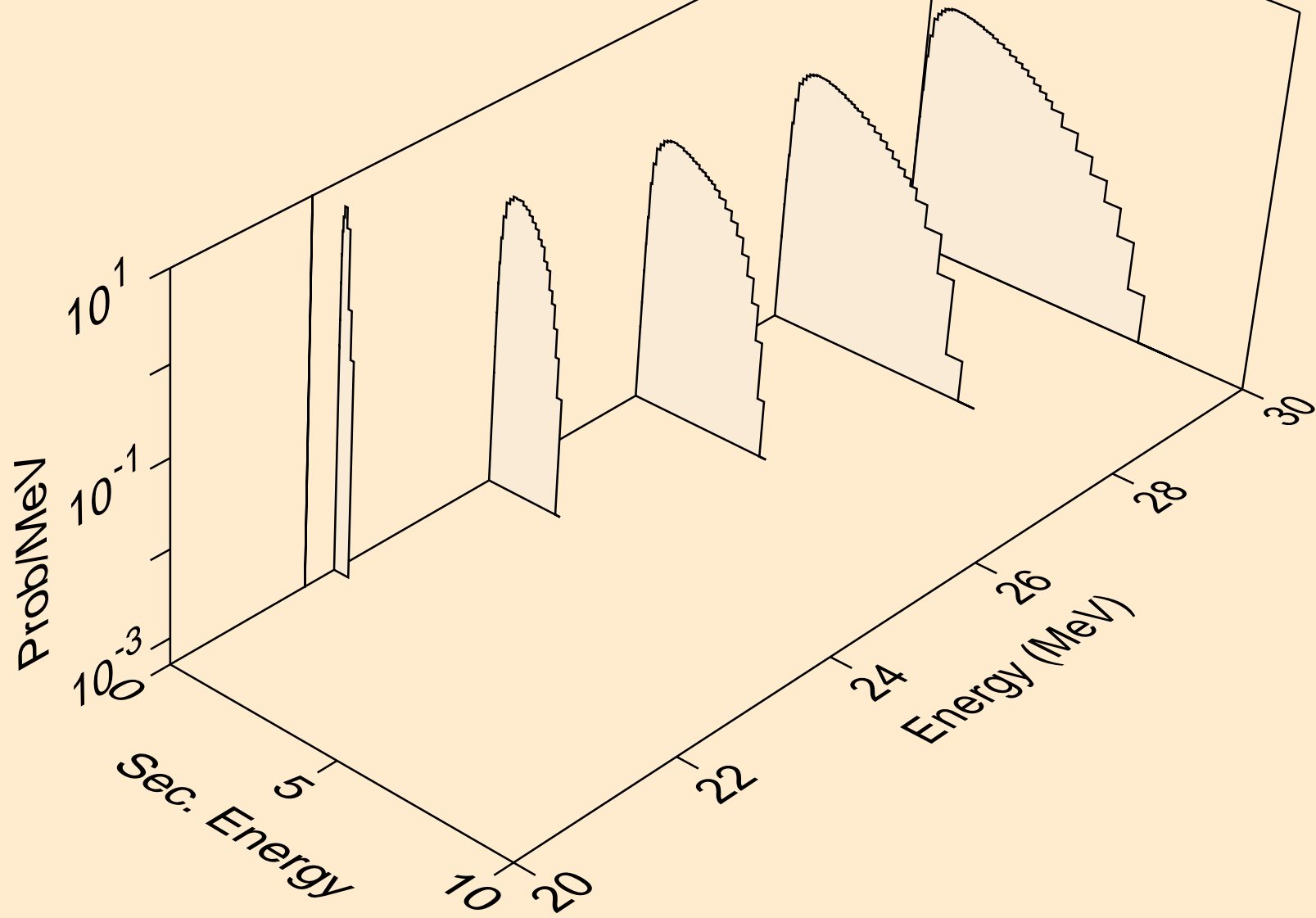
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,2nd)



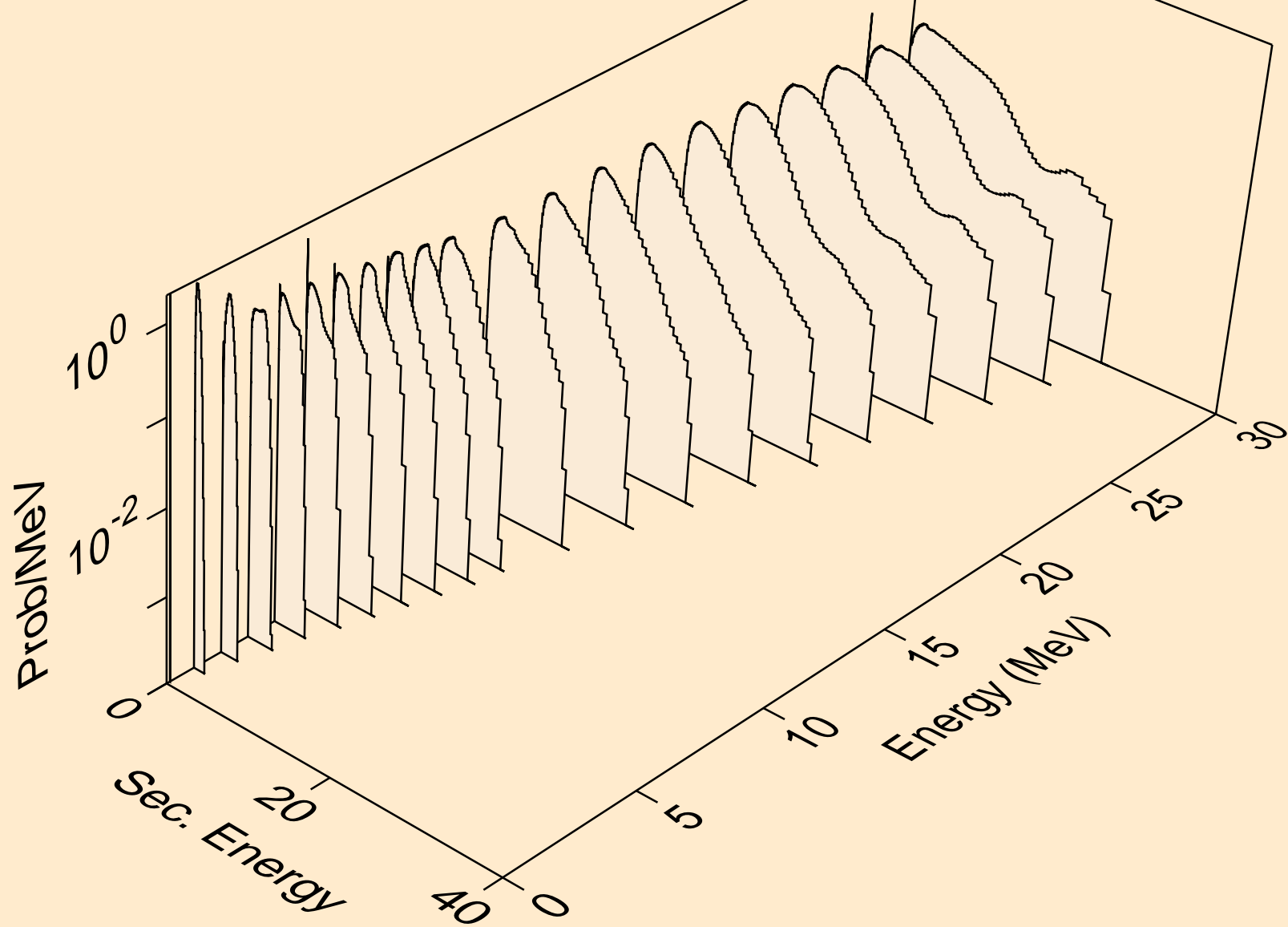
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,2n)



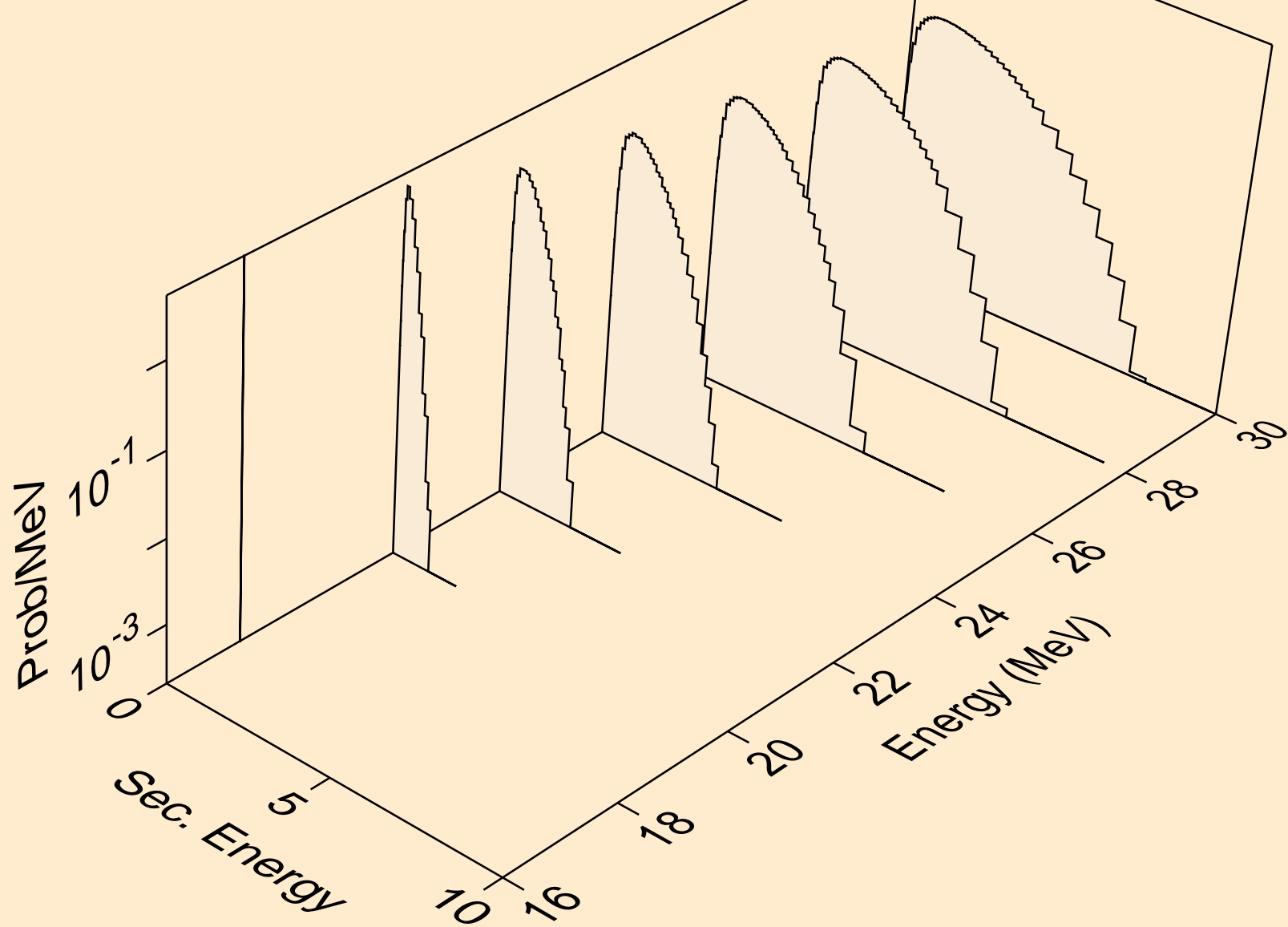
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,3n)



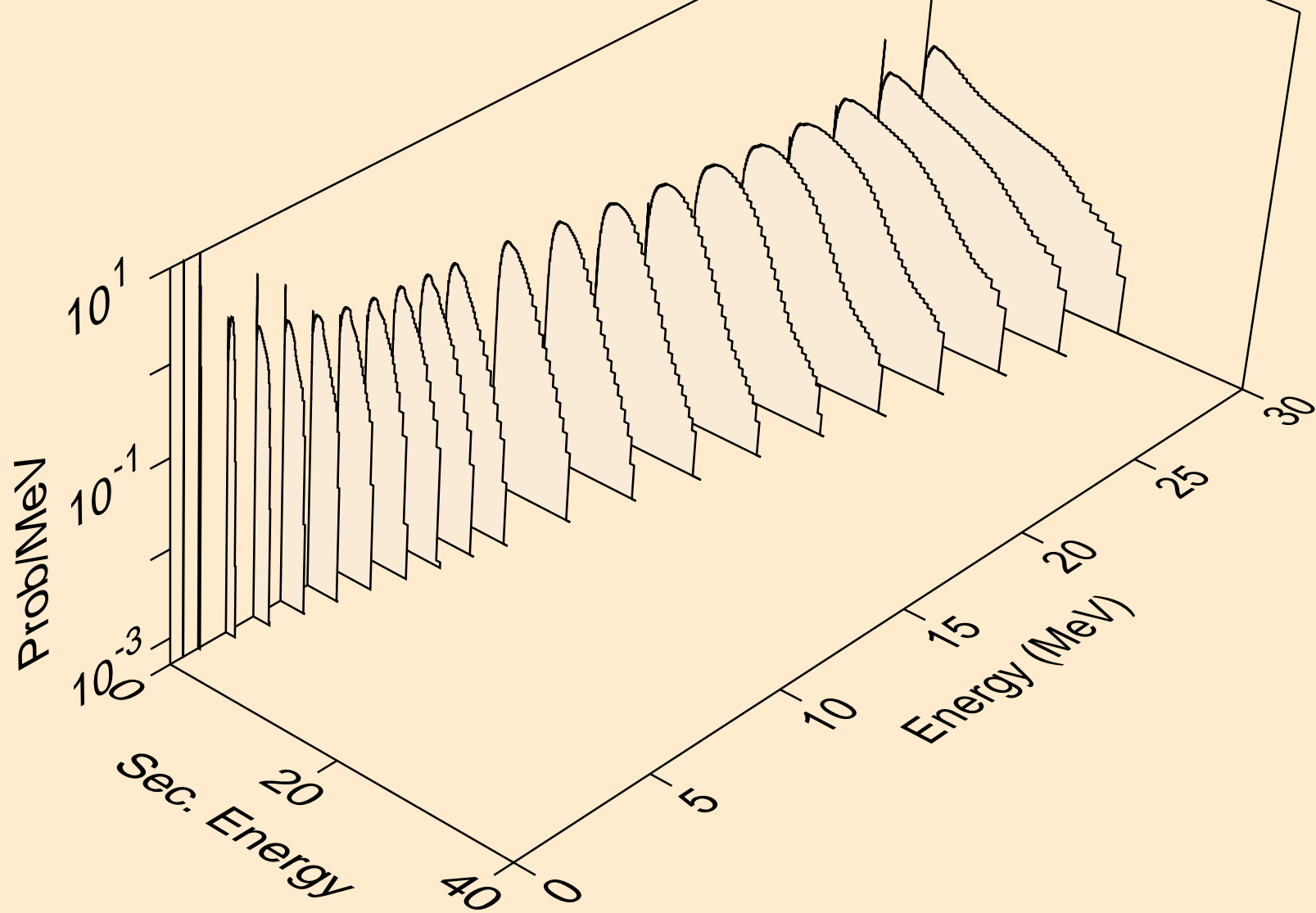
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,n*)a



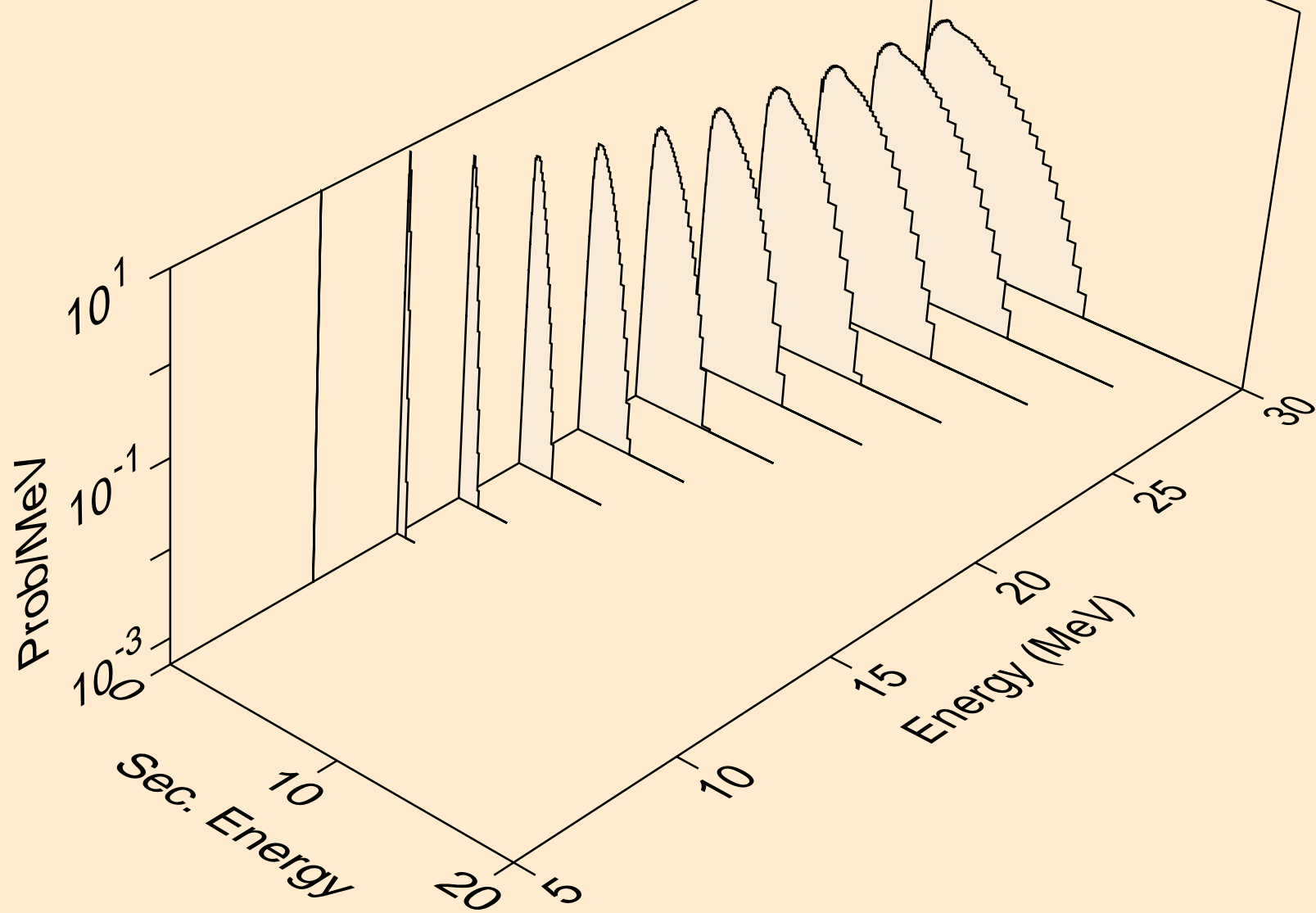
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,2n)a



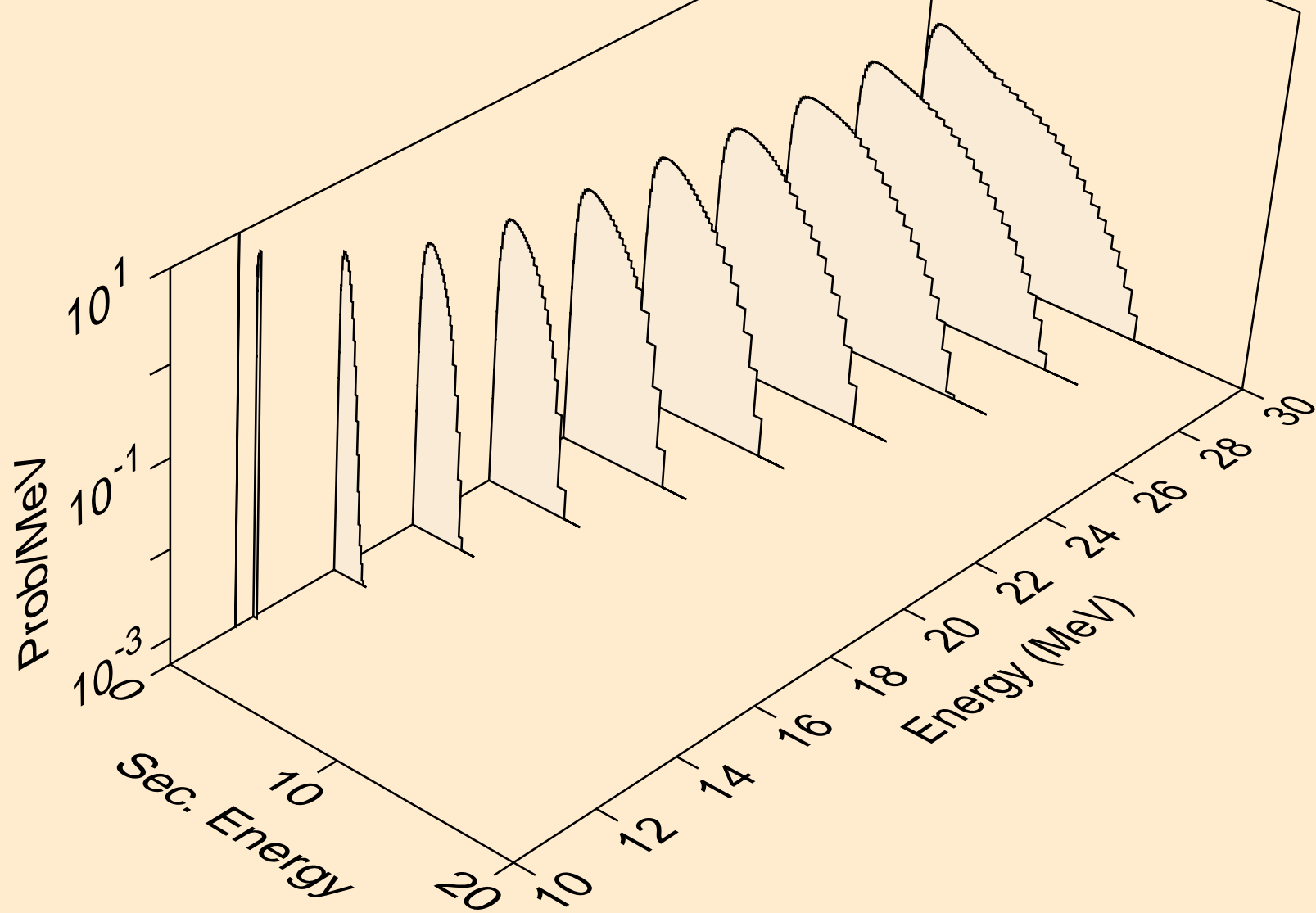
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,n*)p



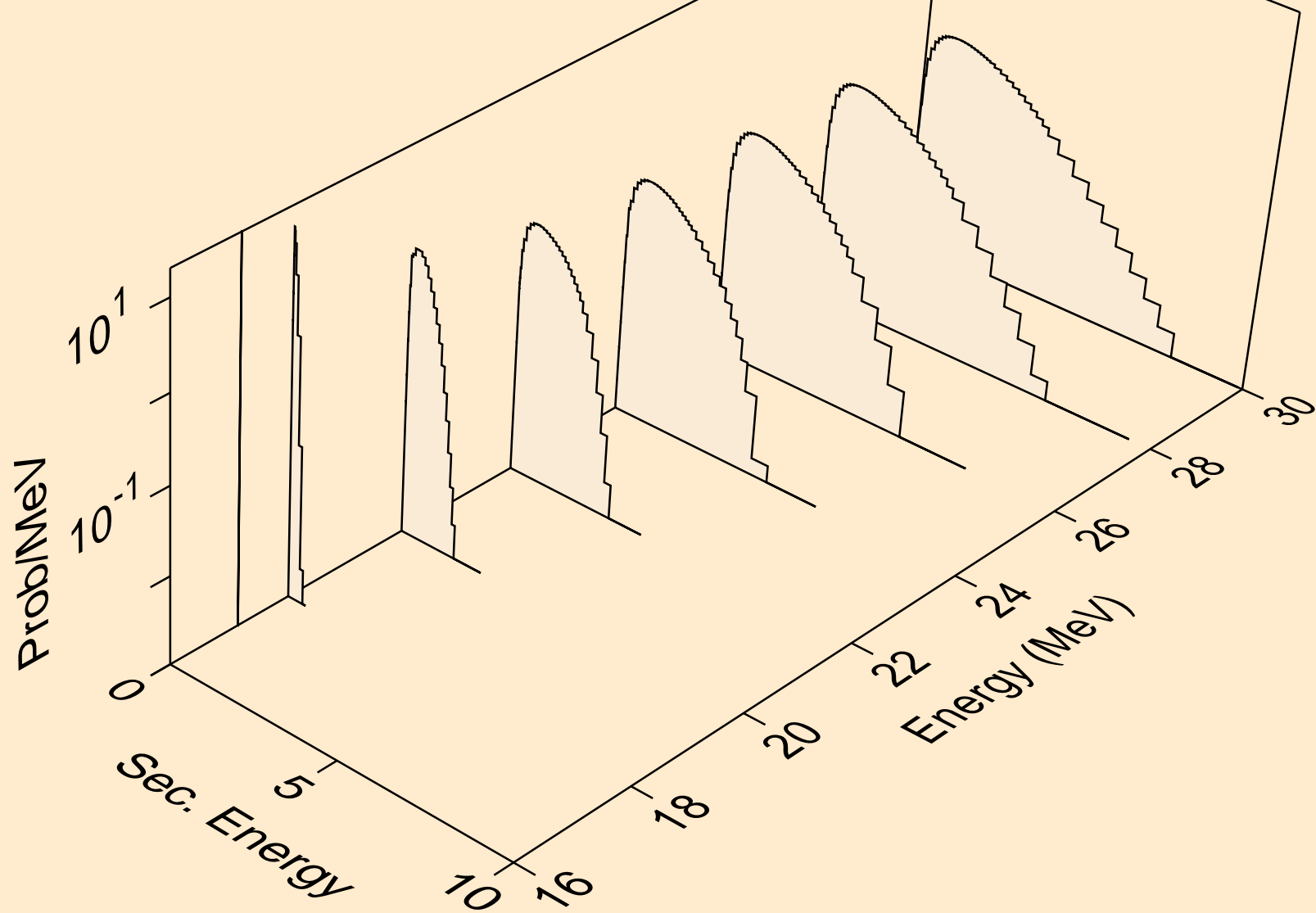
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,n*)2a



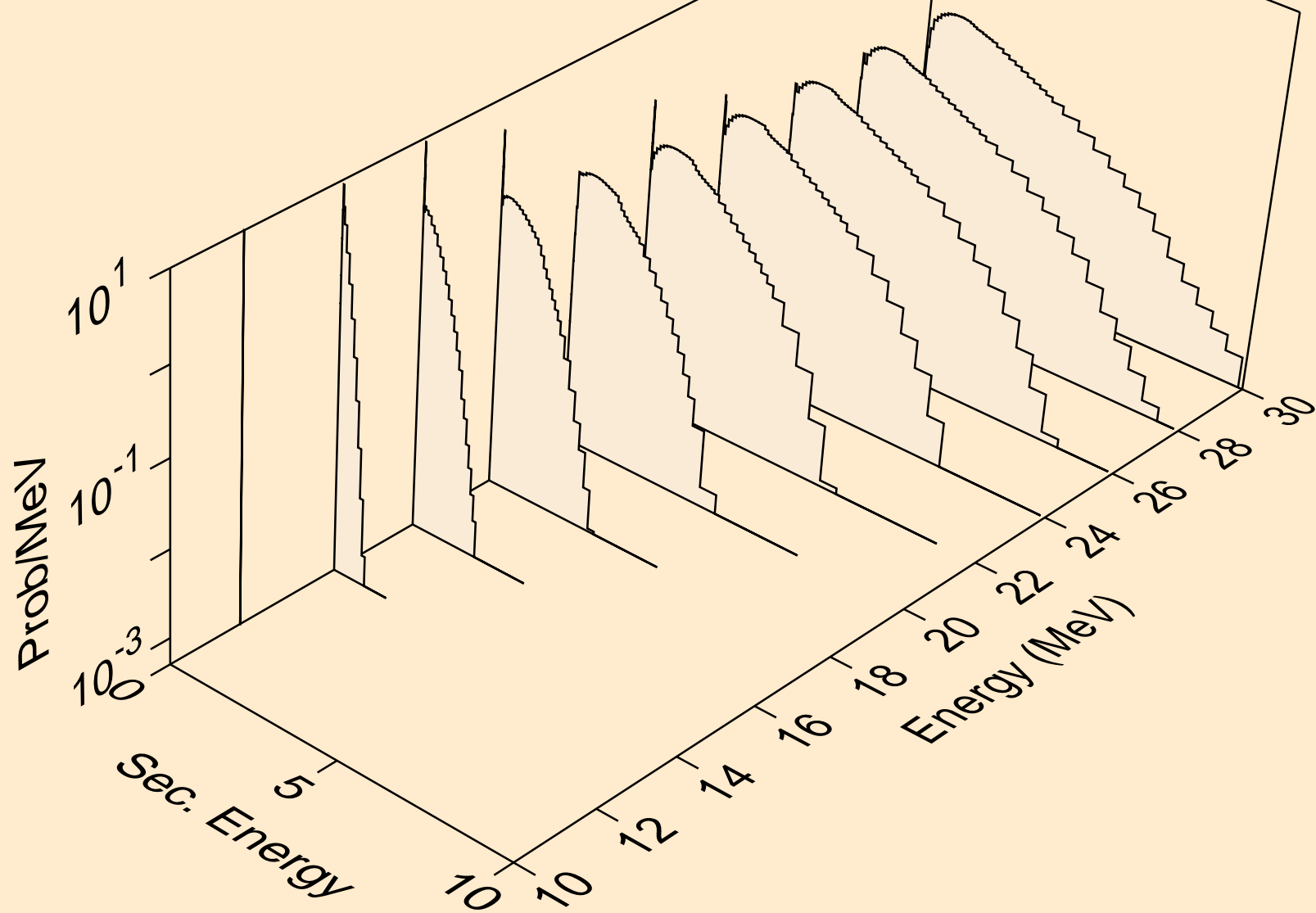
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,n*)d



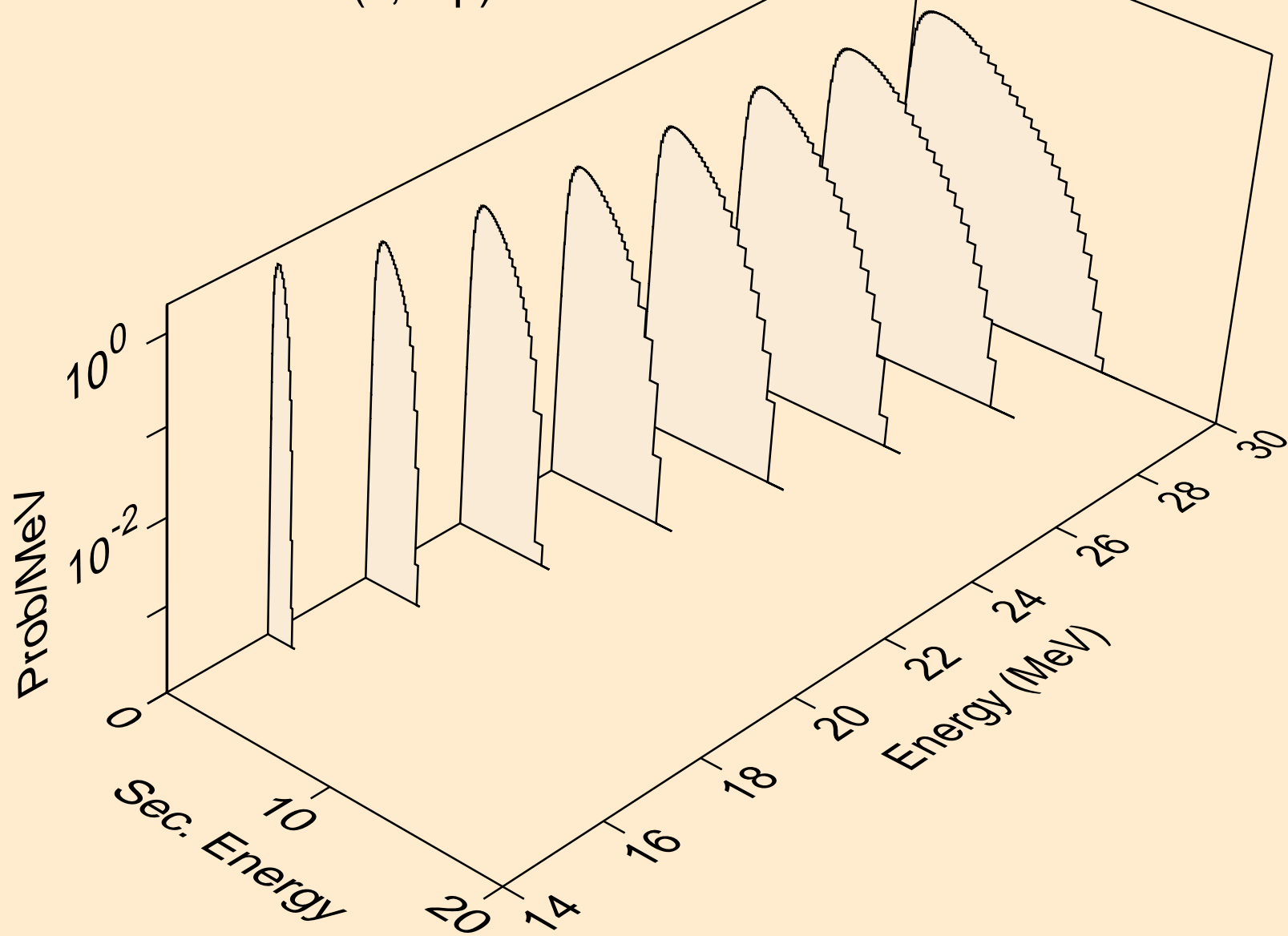
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,n*)t



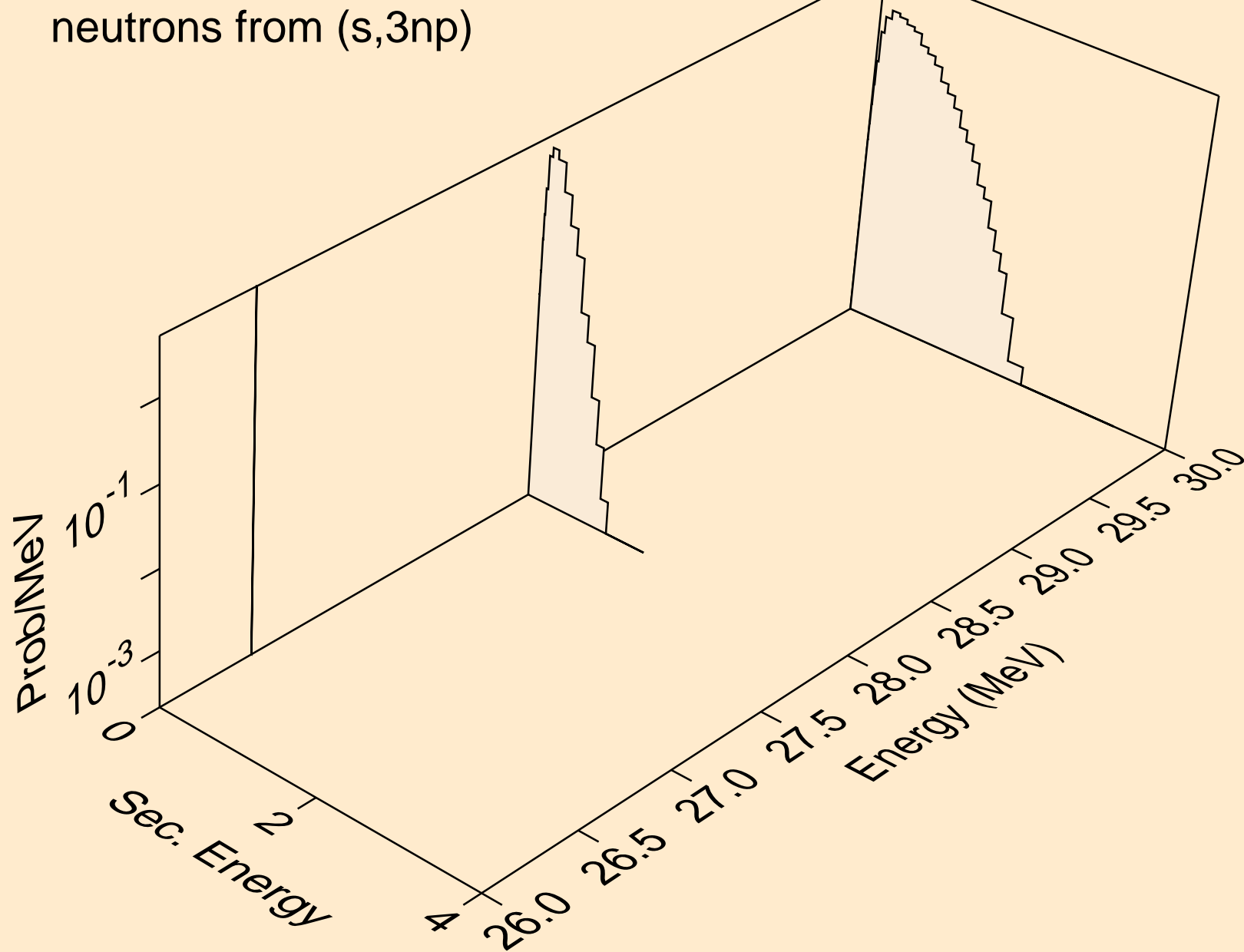
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,n*)he3



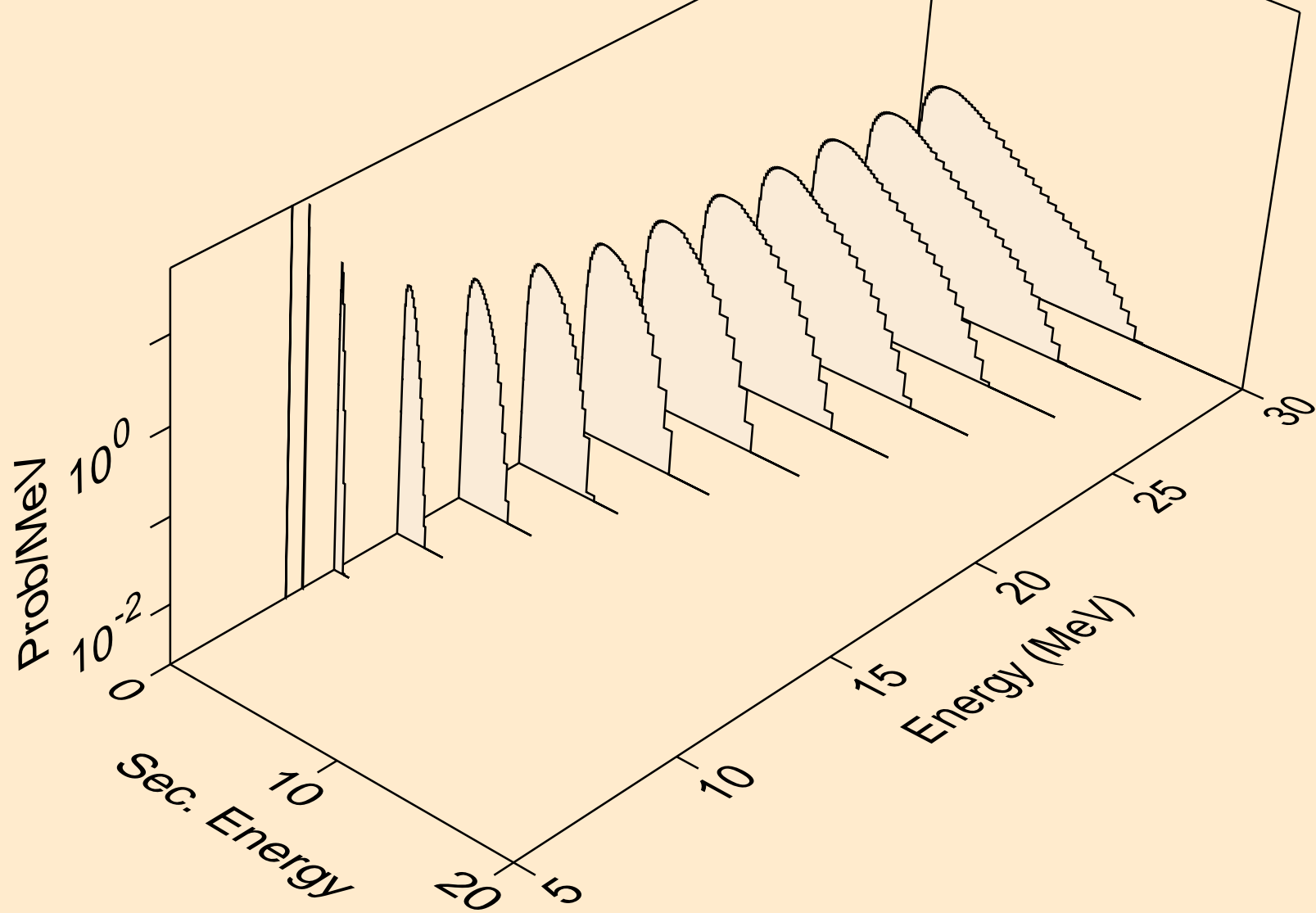
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,2np)



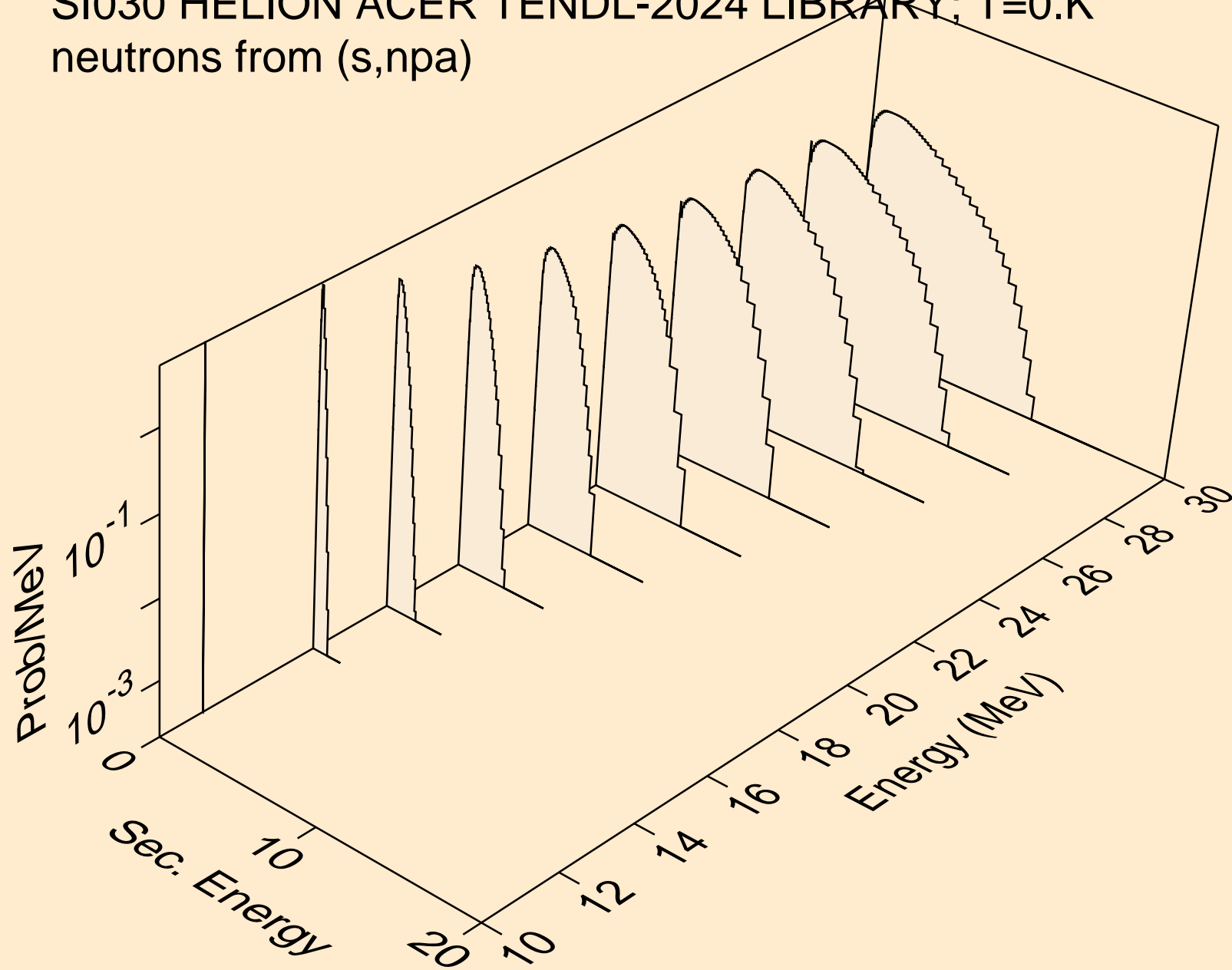
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,3np)



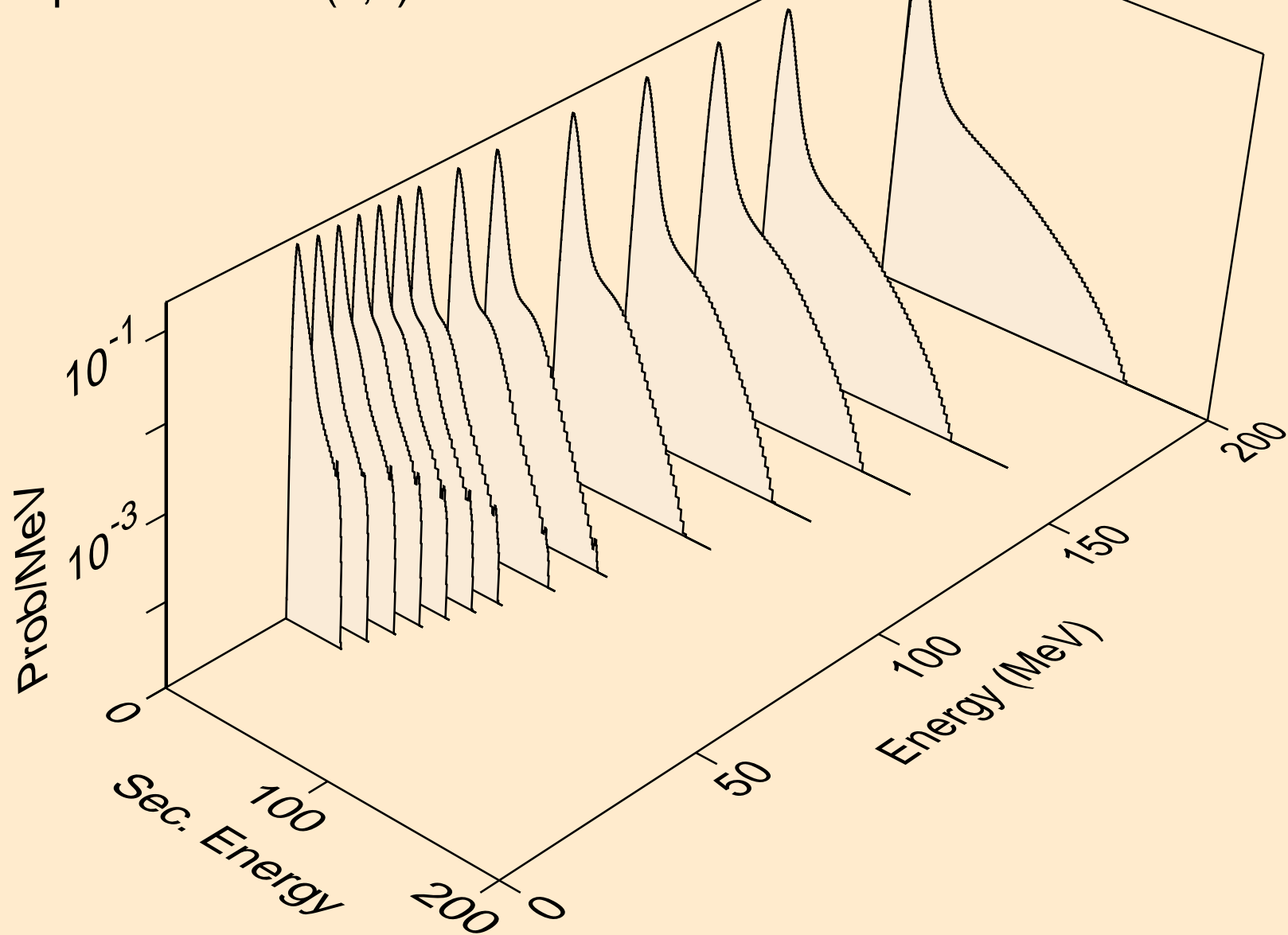
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,n2p)



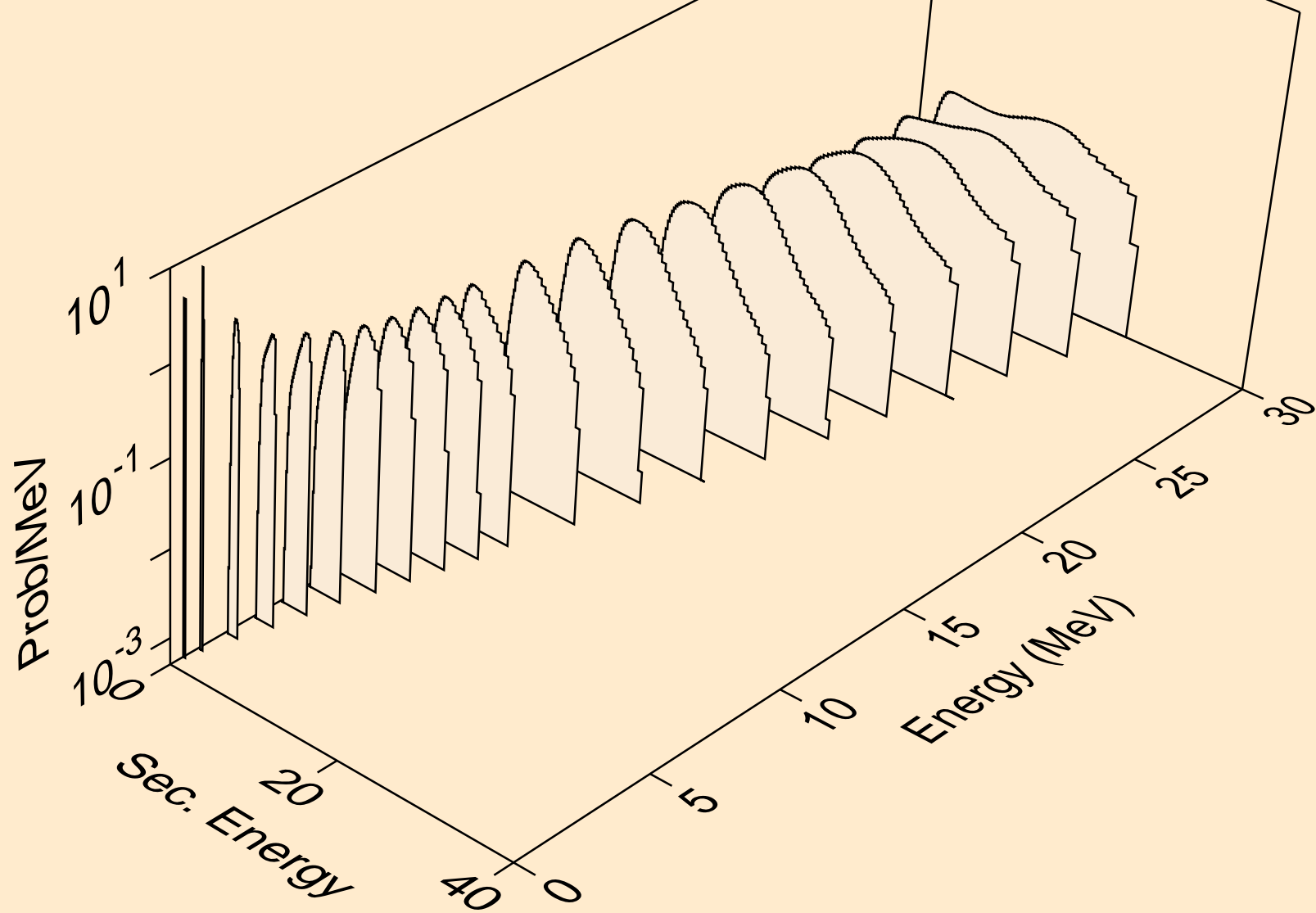
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,npa)



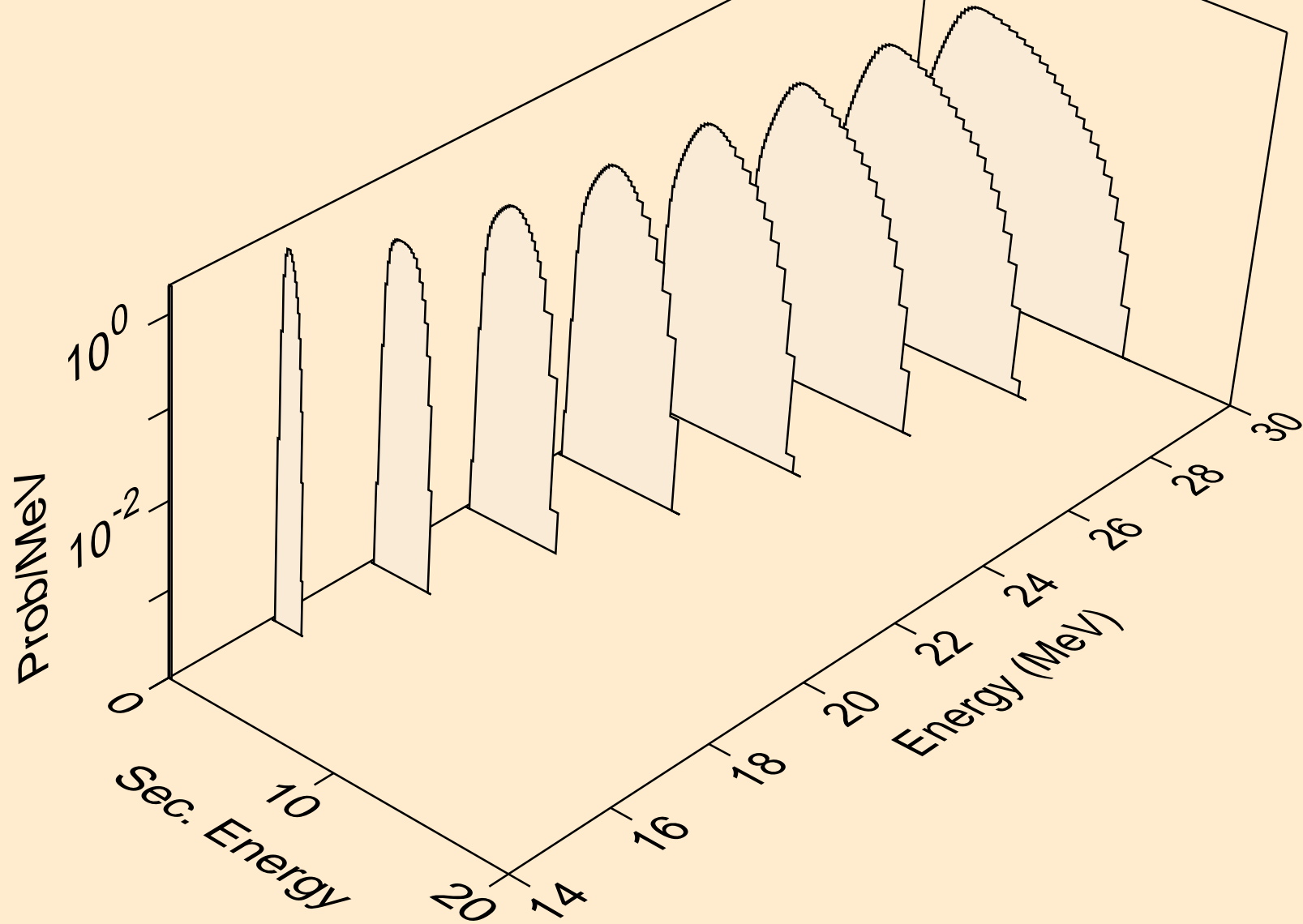
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
protons from (s,x)



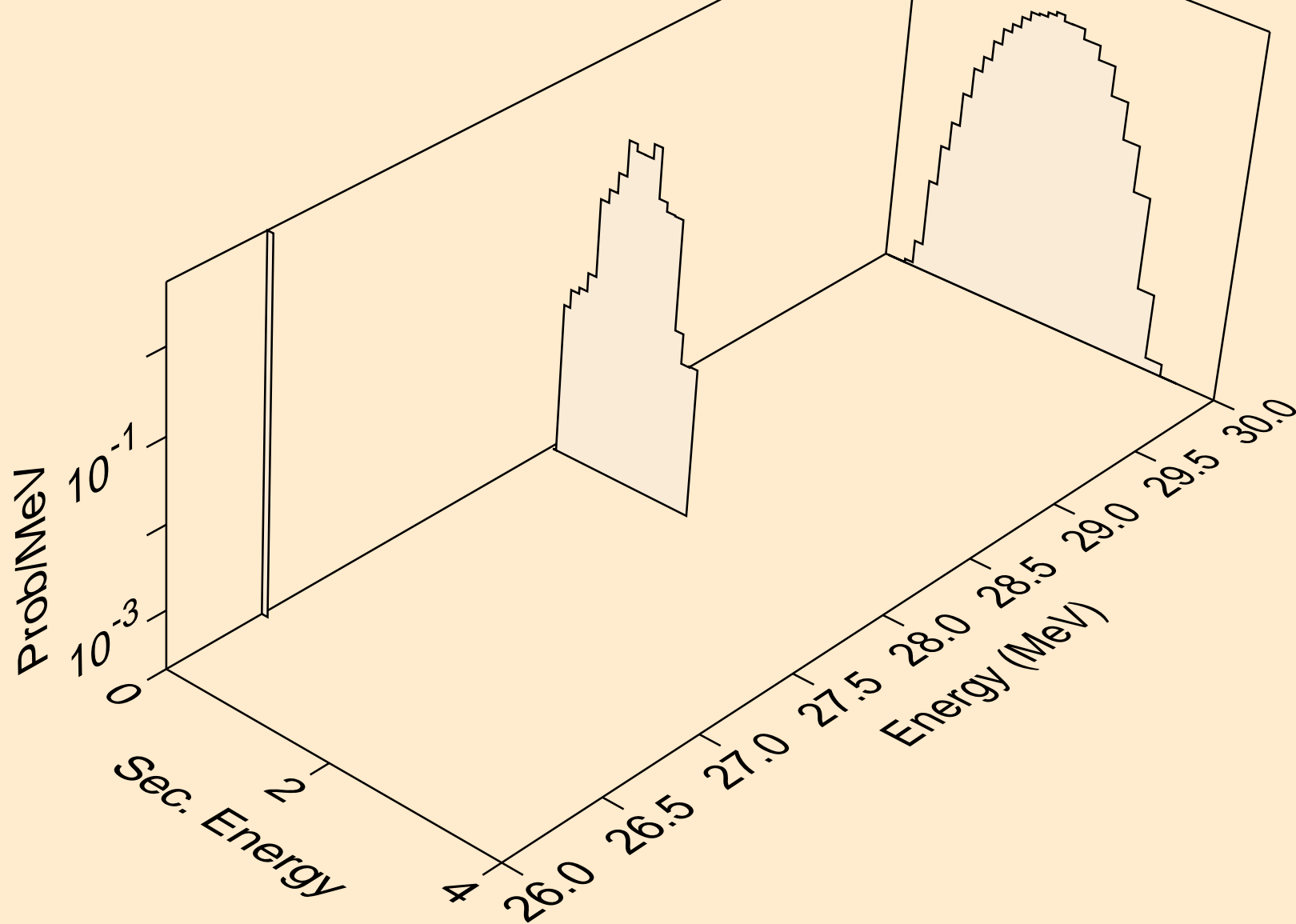
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
protons from (s,n*)p



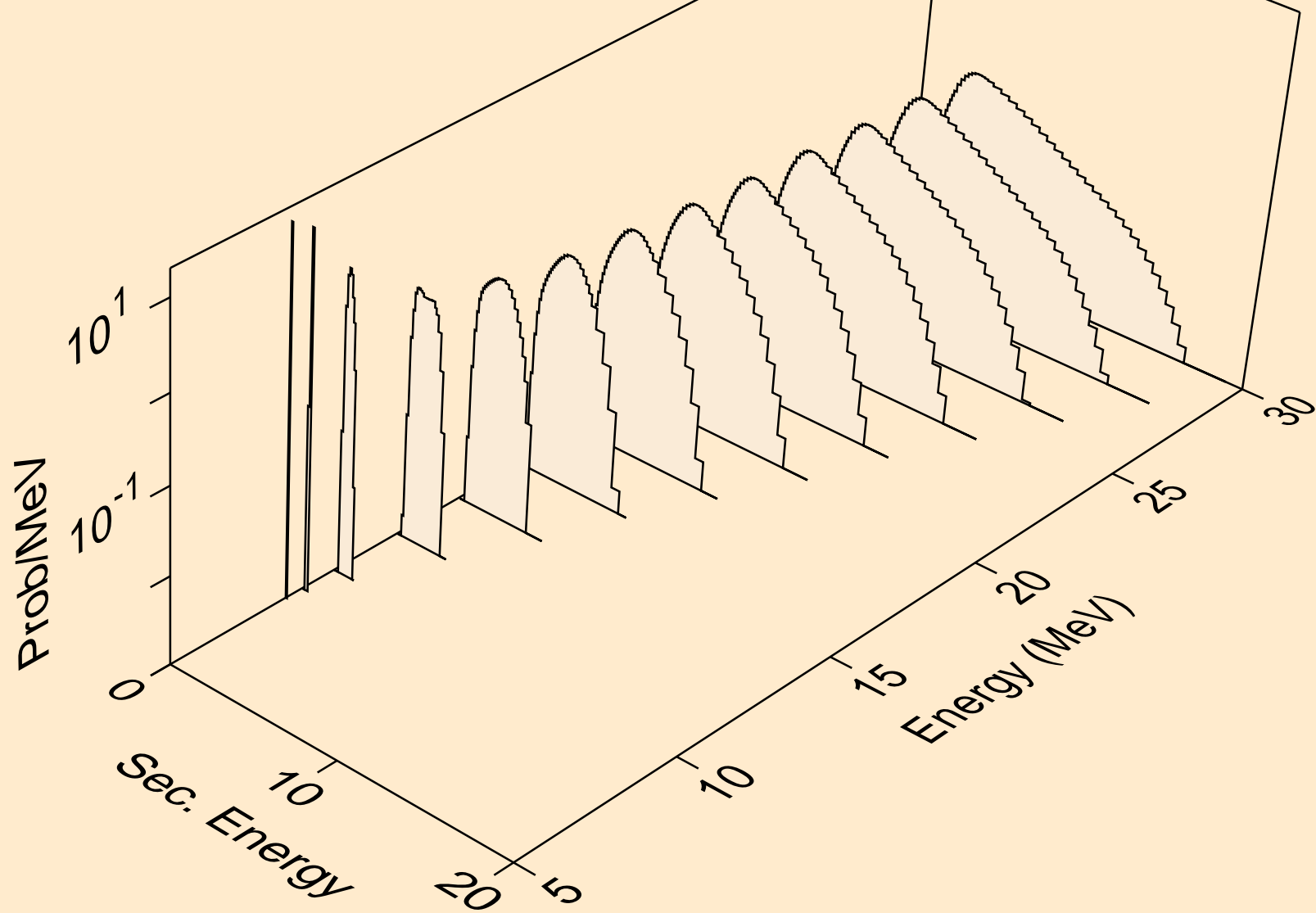
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
protons from (s,2np)



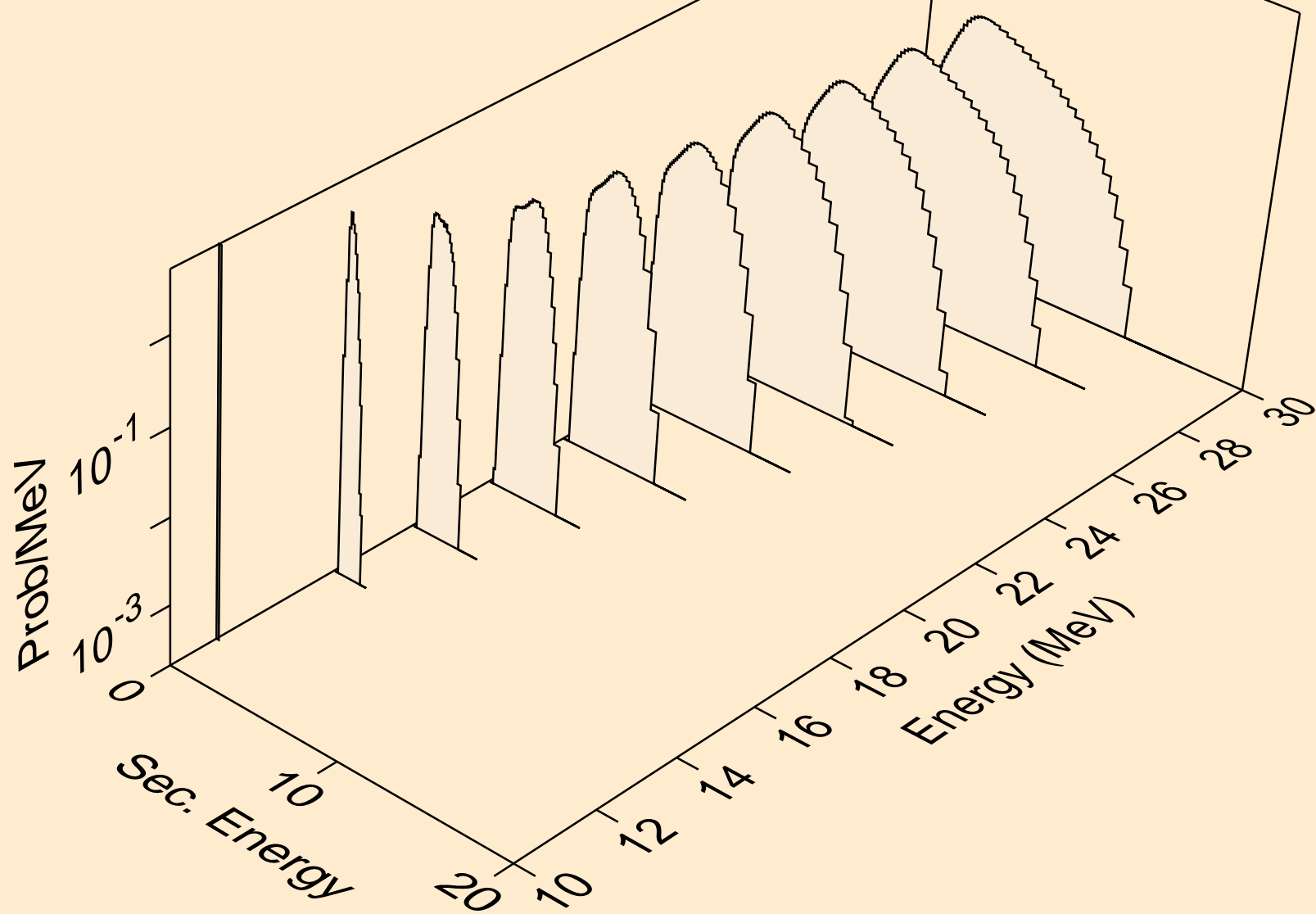
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
protons from (s,3np)



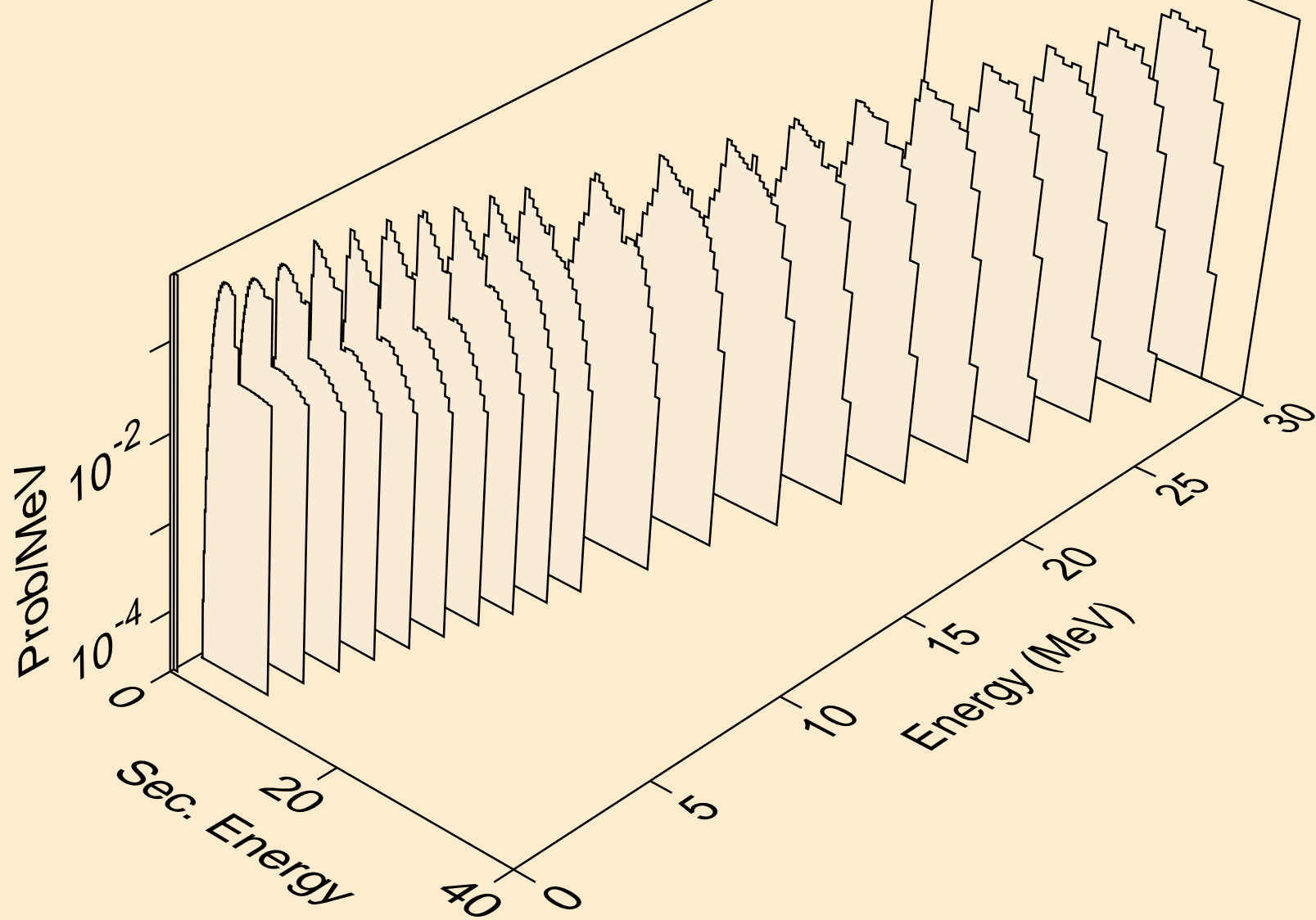
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
protons from (s,n2p)



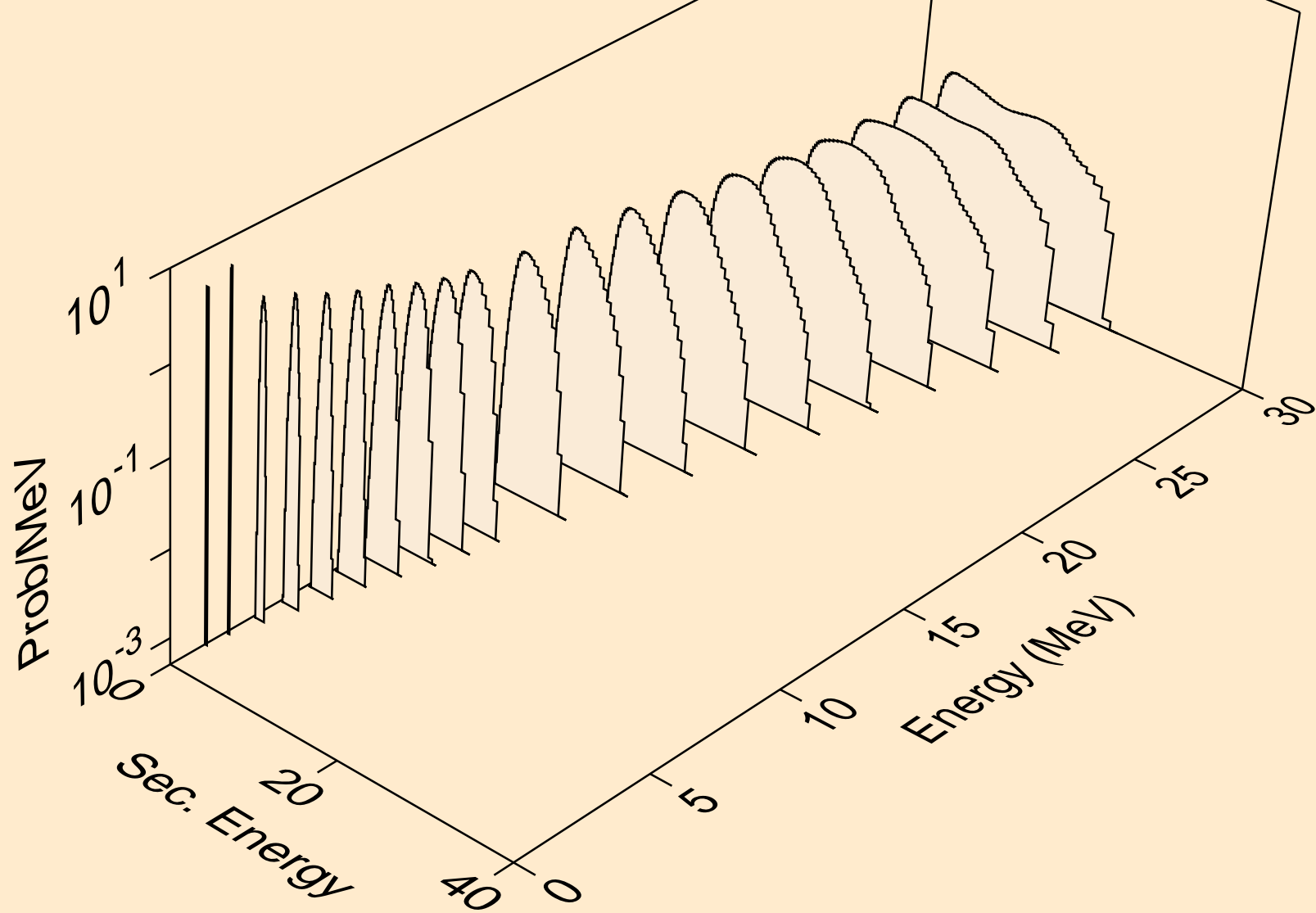
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
protons from (s,npa)



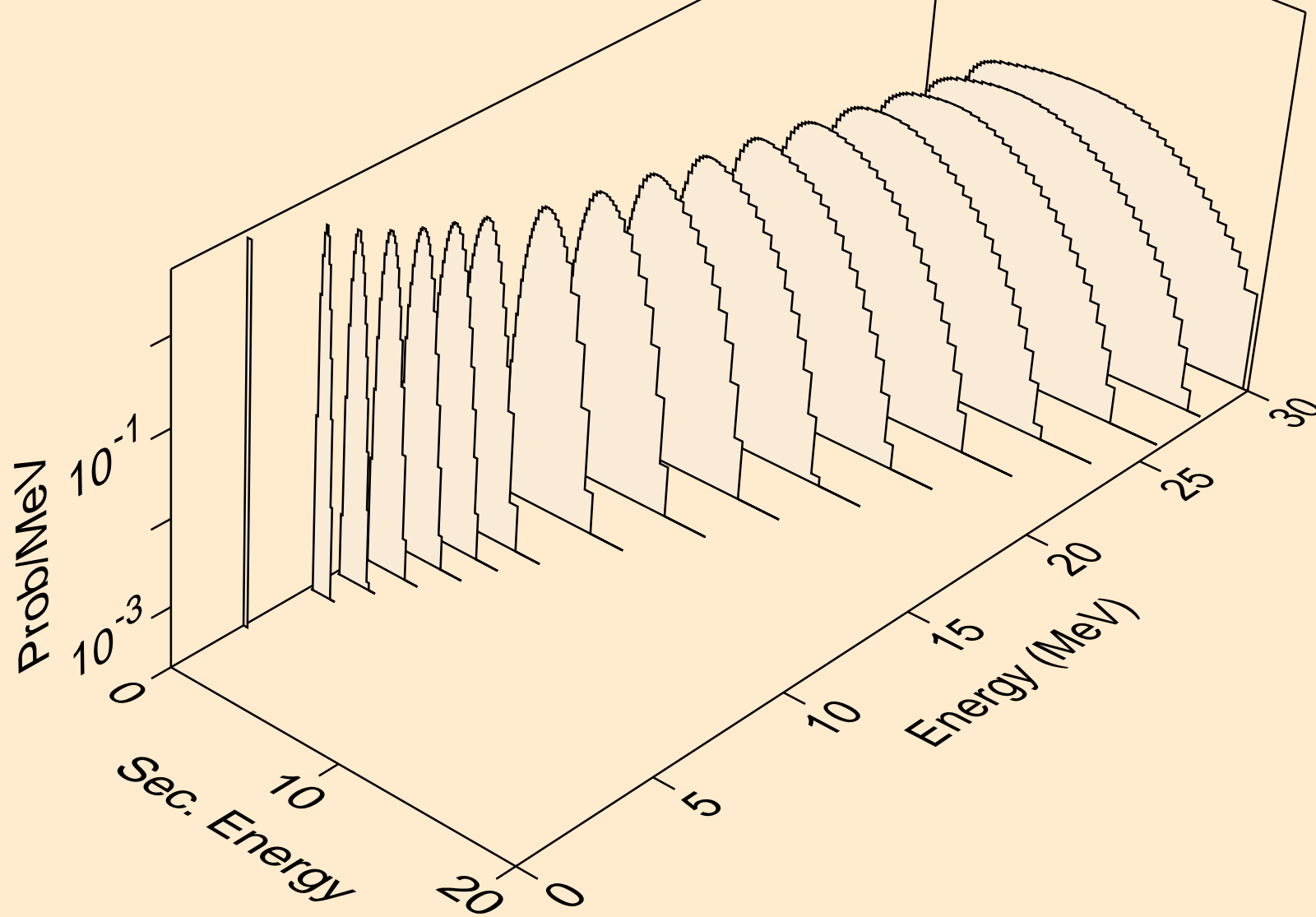
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
protons from (s,p)



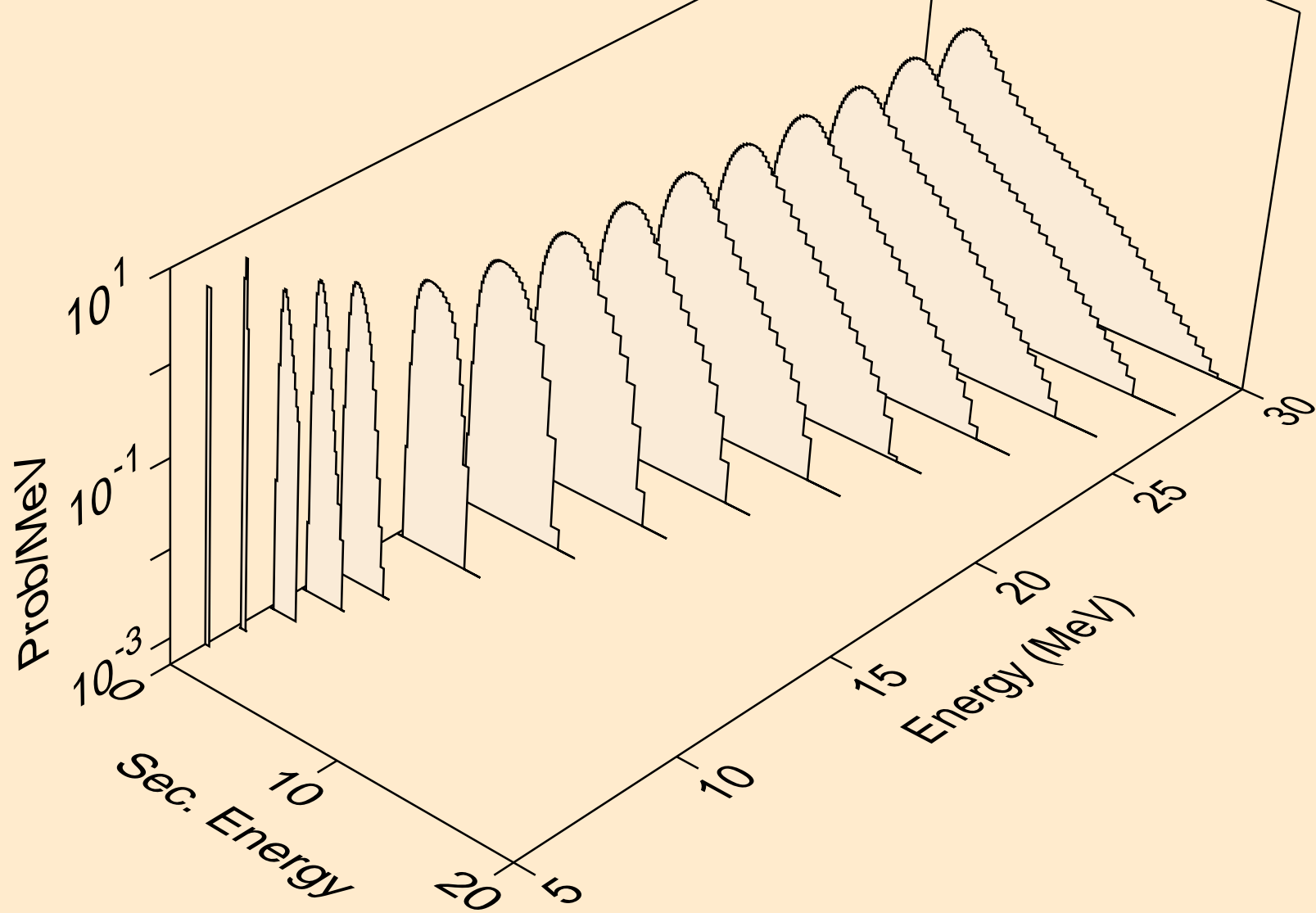
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
protons from (s,2p)



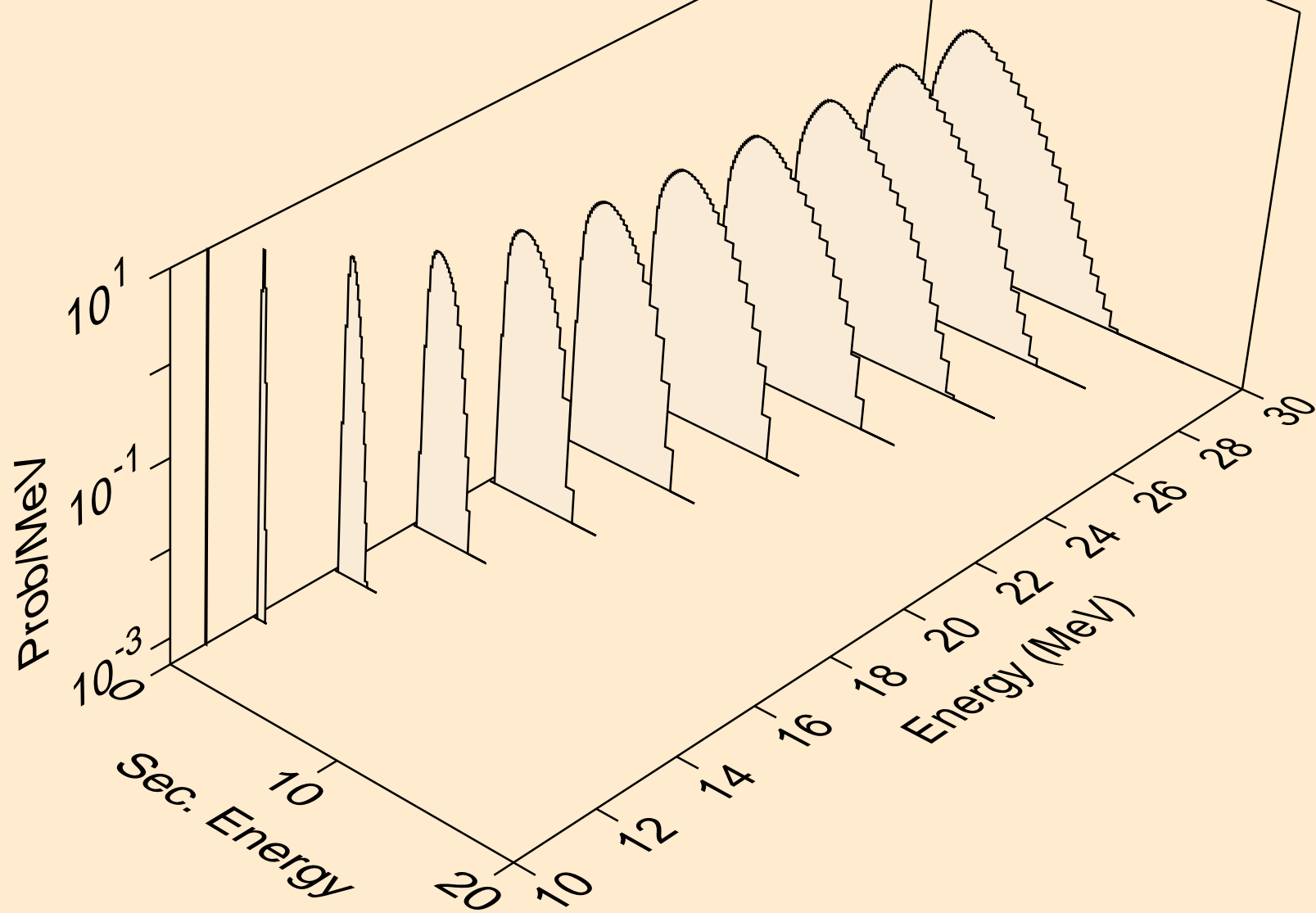
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
protons from (s,pa)



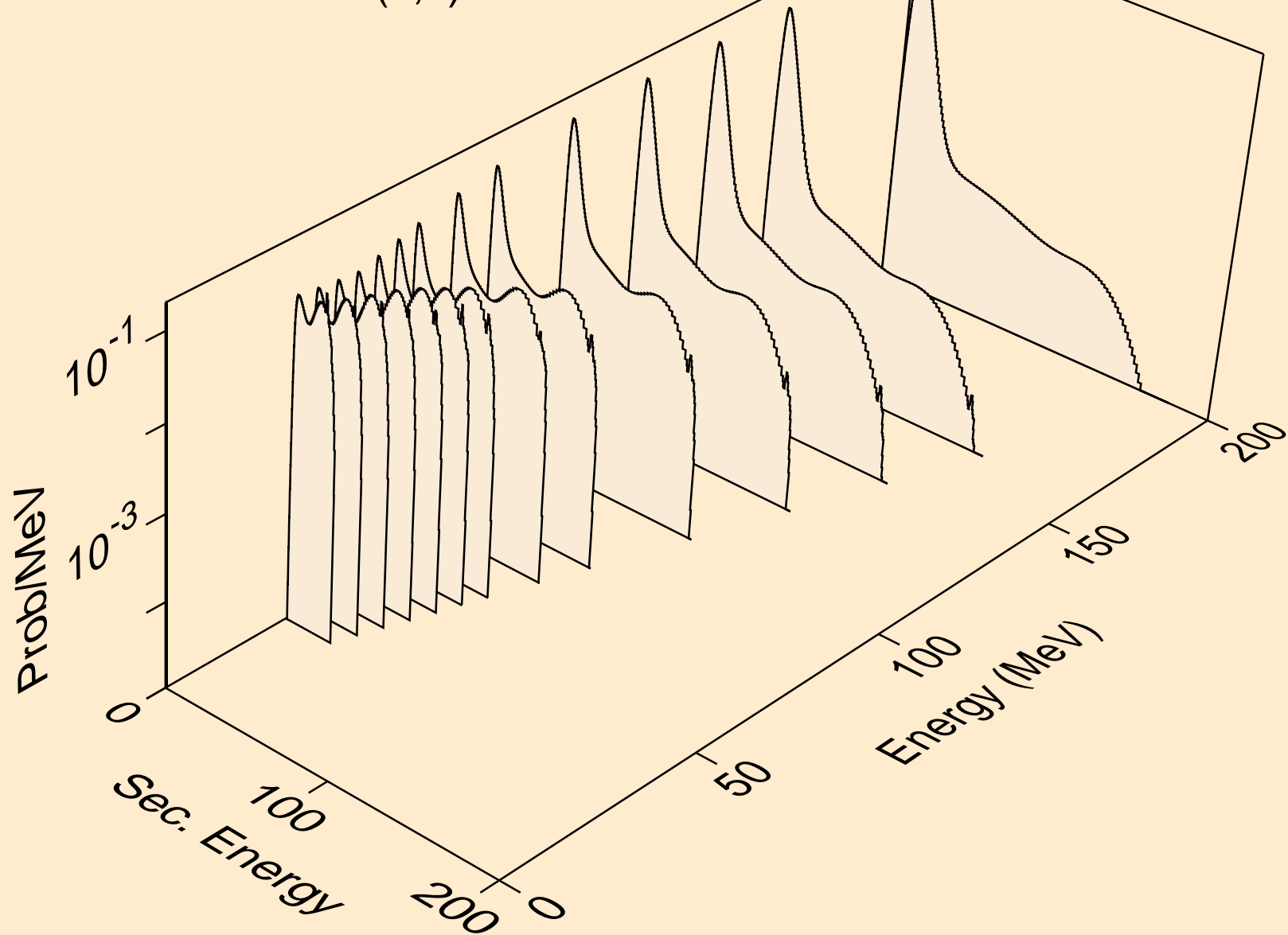
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
protons from (s,pd)



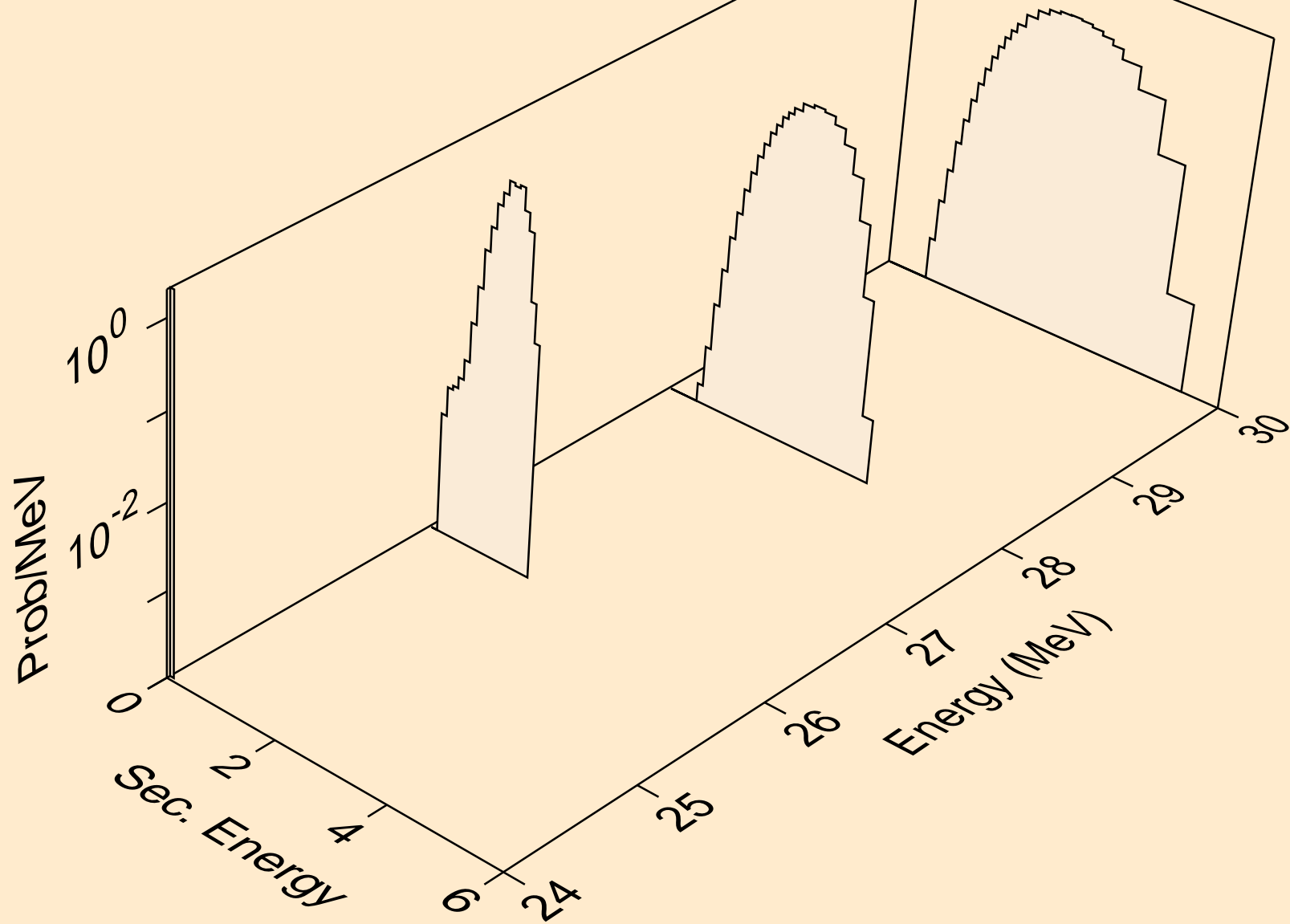
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
protons from (s,pt)



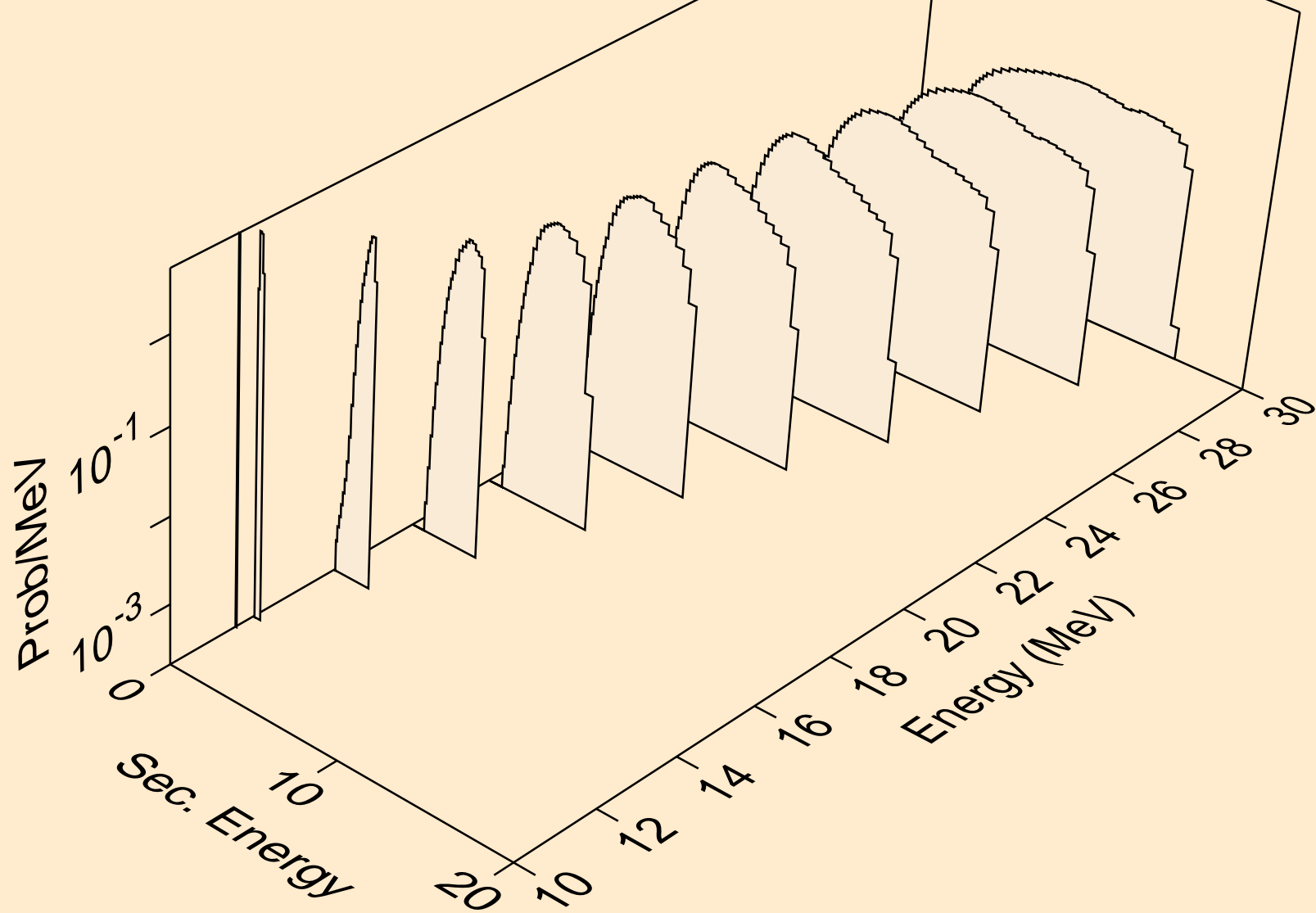
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (s,x)



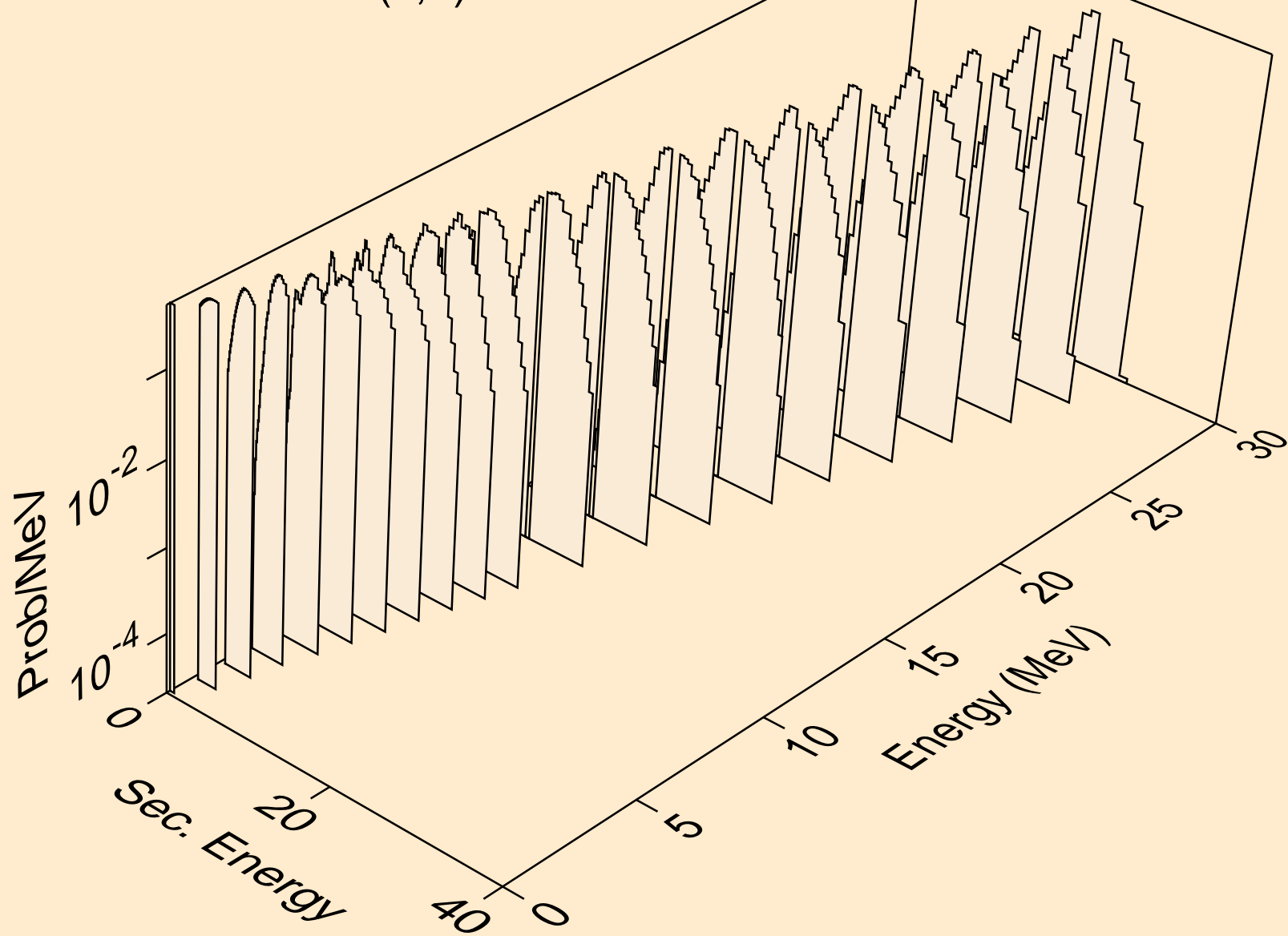
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (s,2nd)



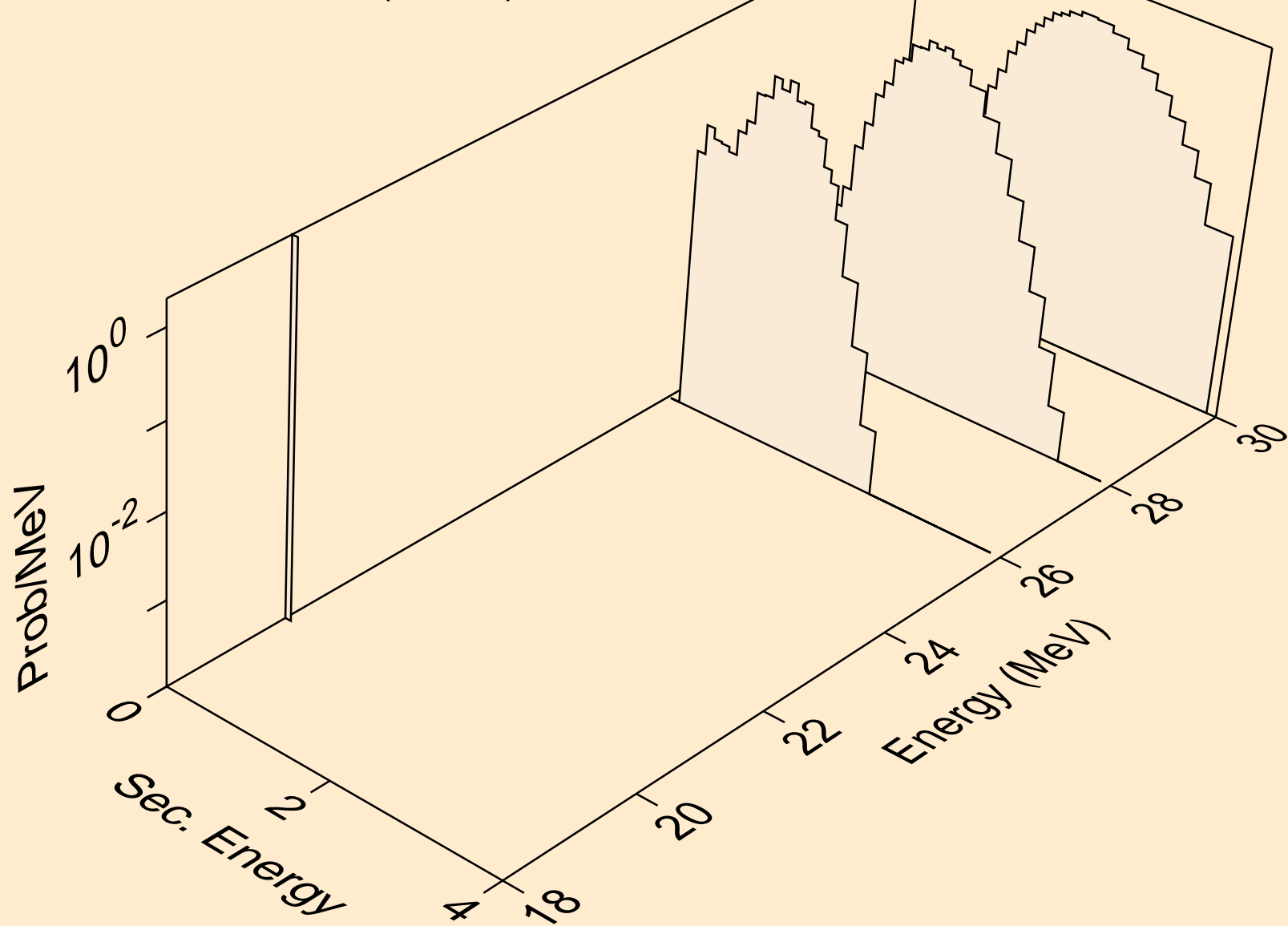
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (s,n*)d



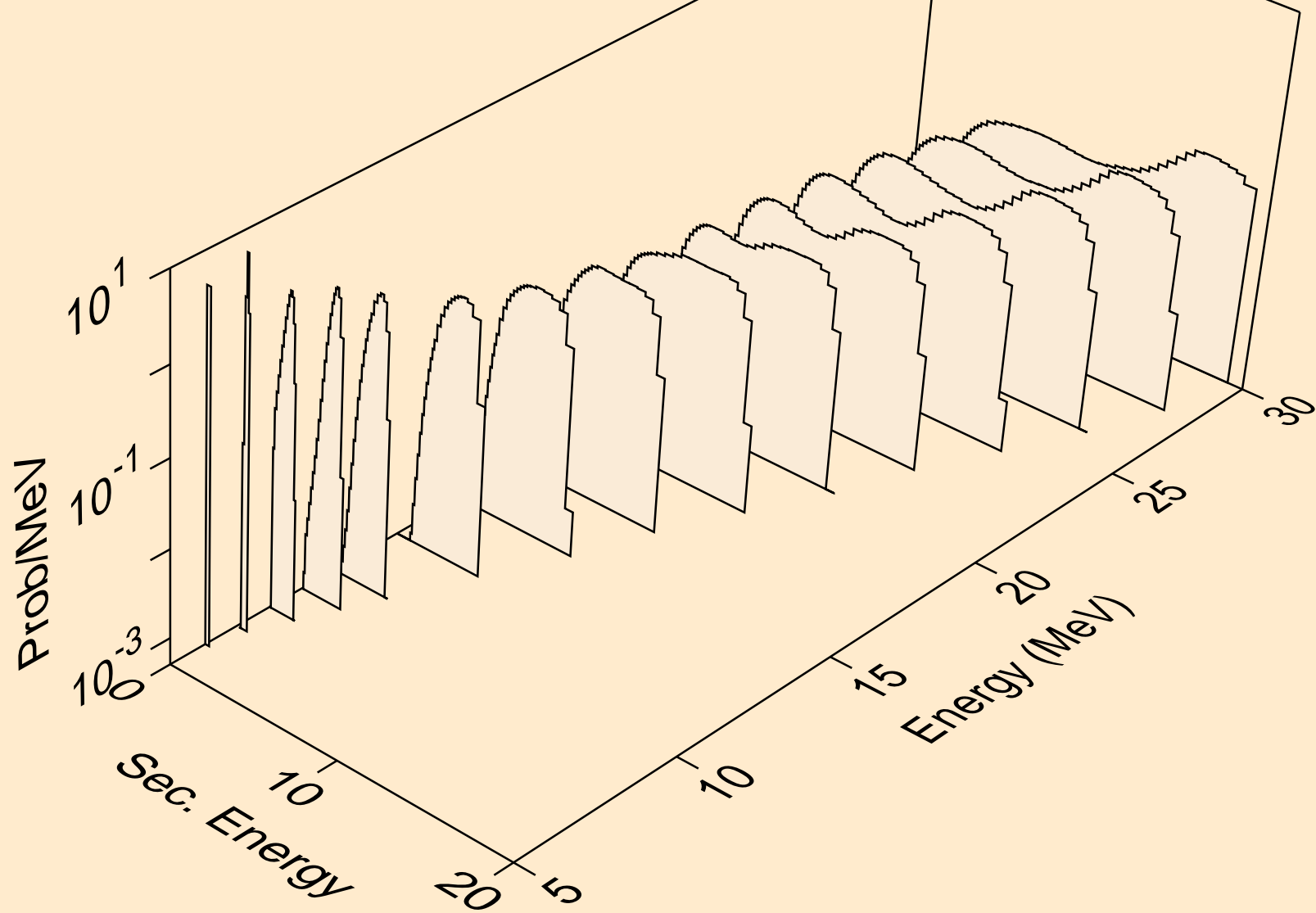
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (s,d)



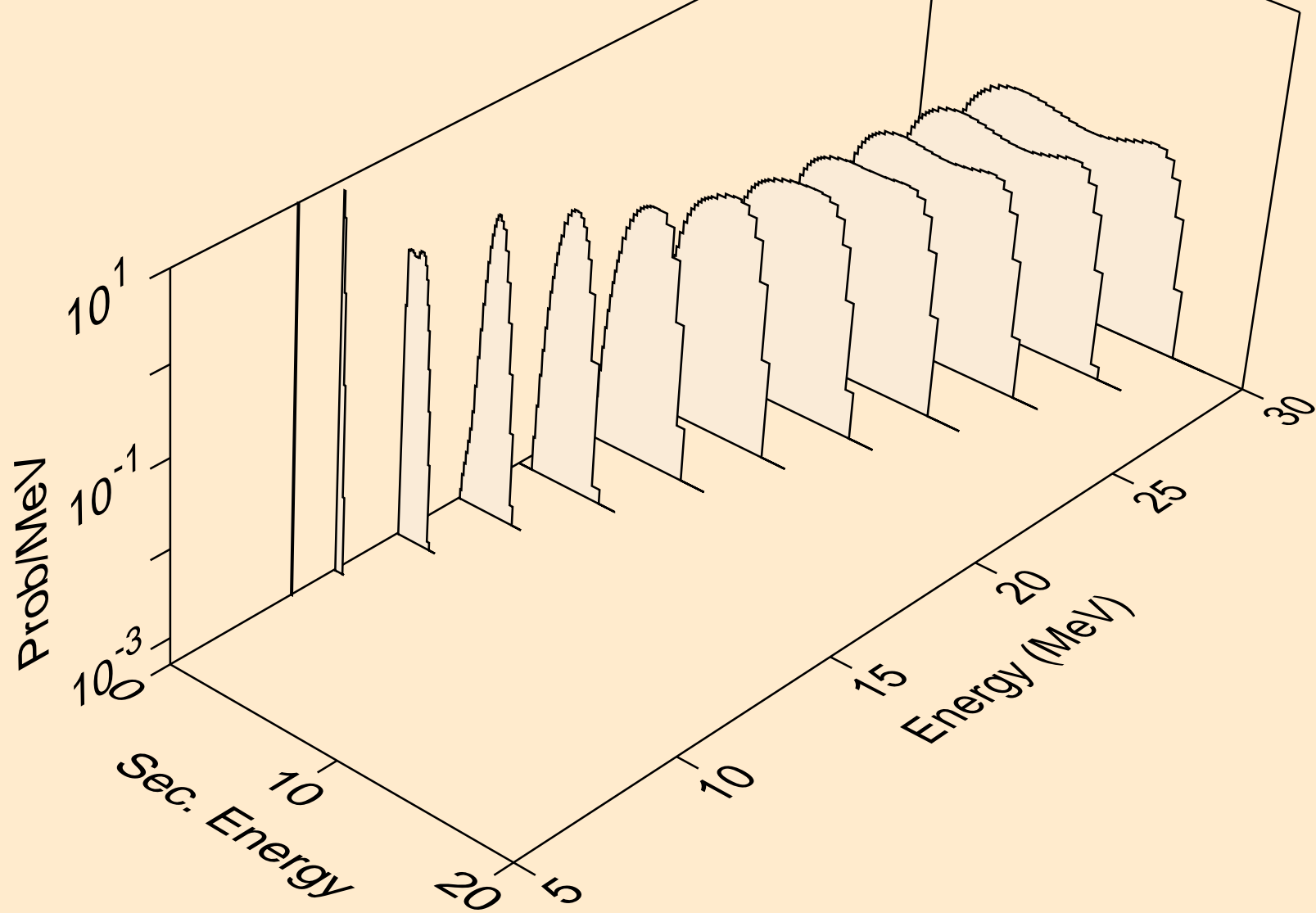
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (s,d2a)



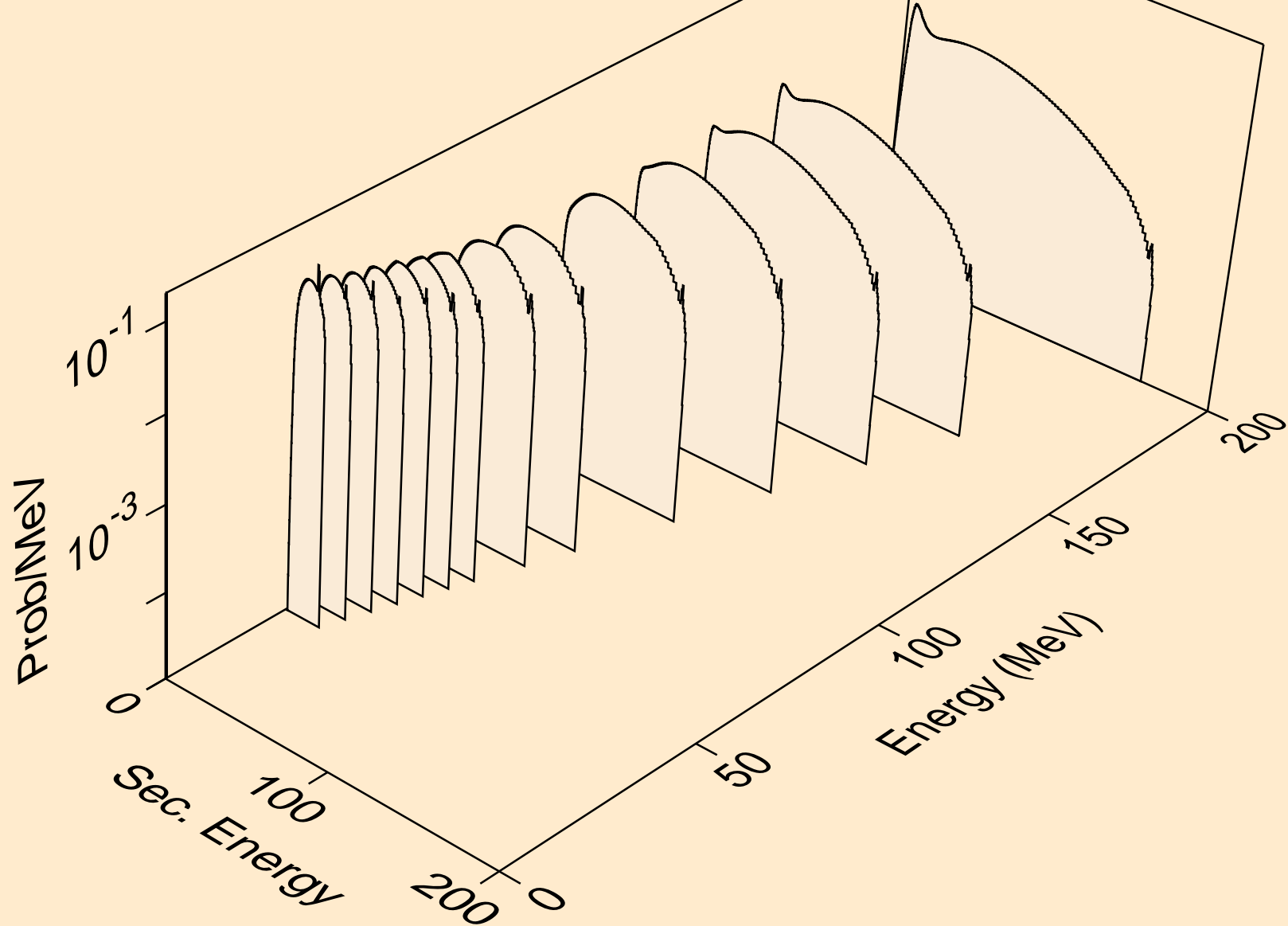
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (s,pd)



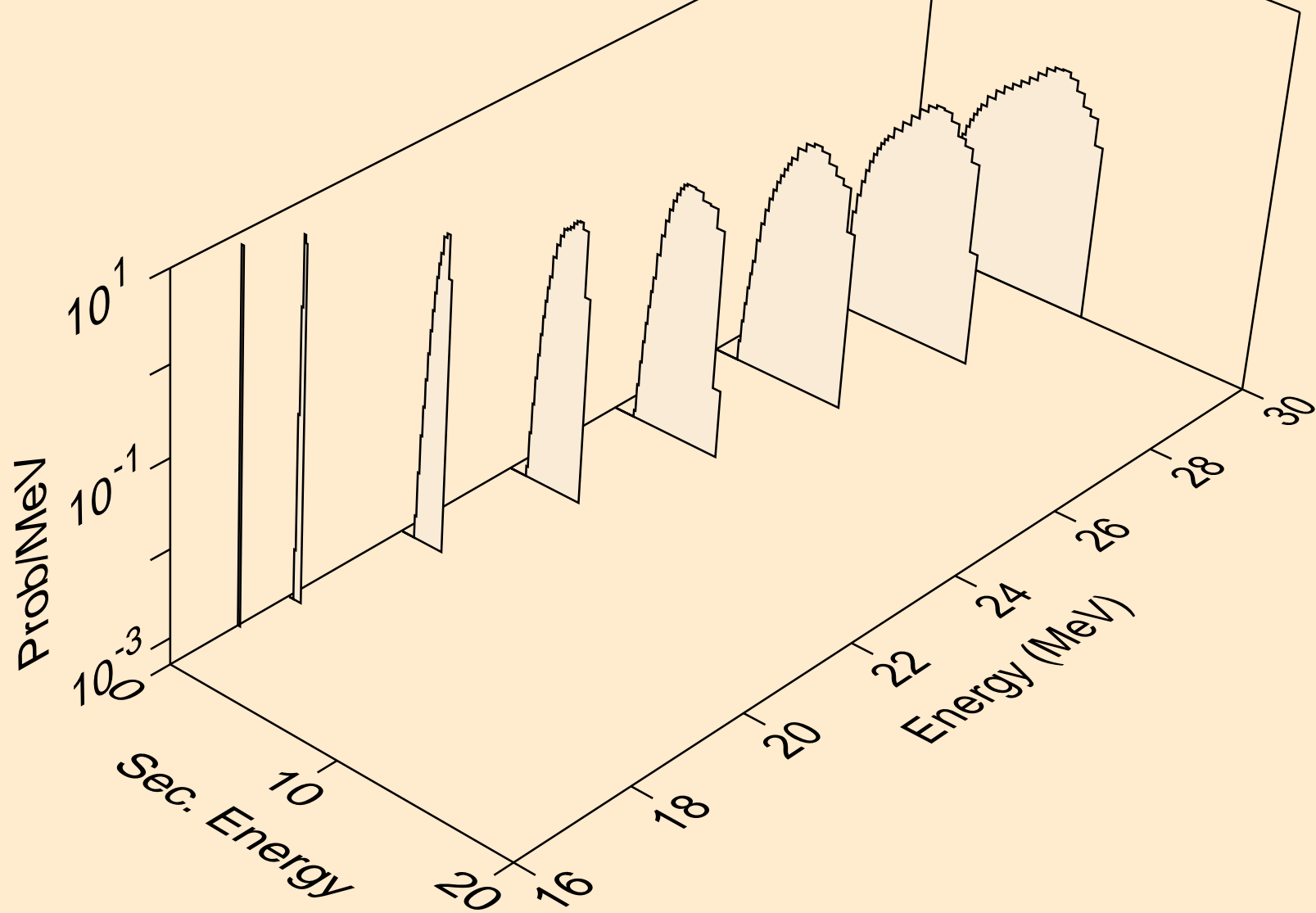
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (s,da)



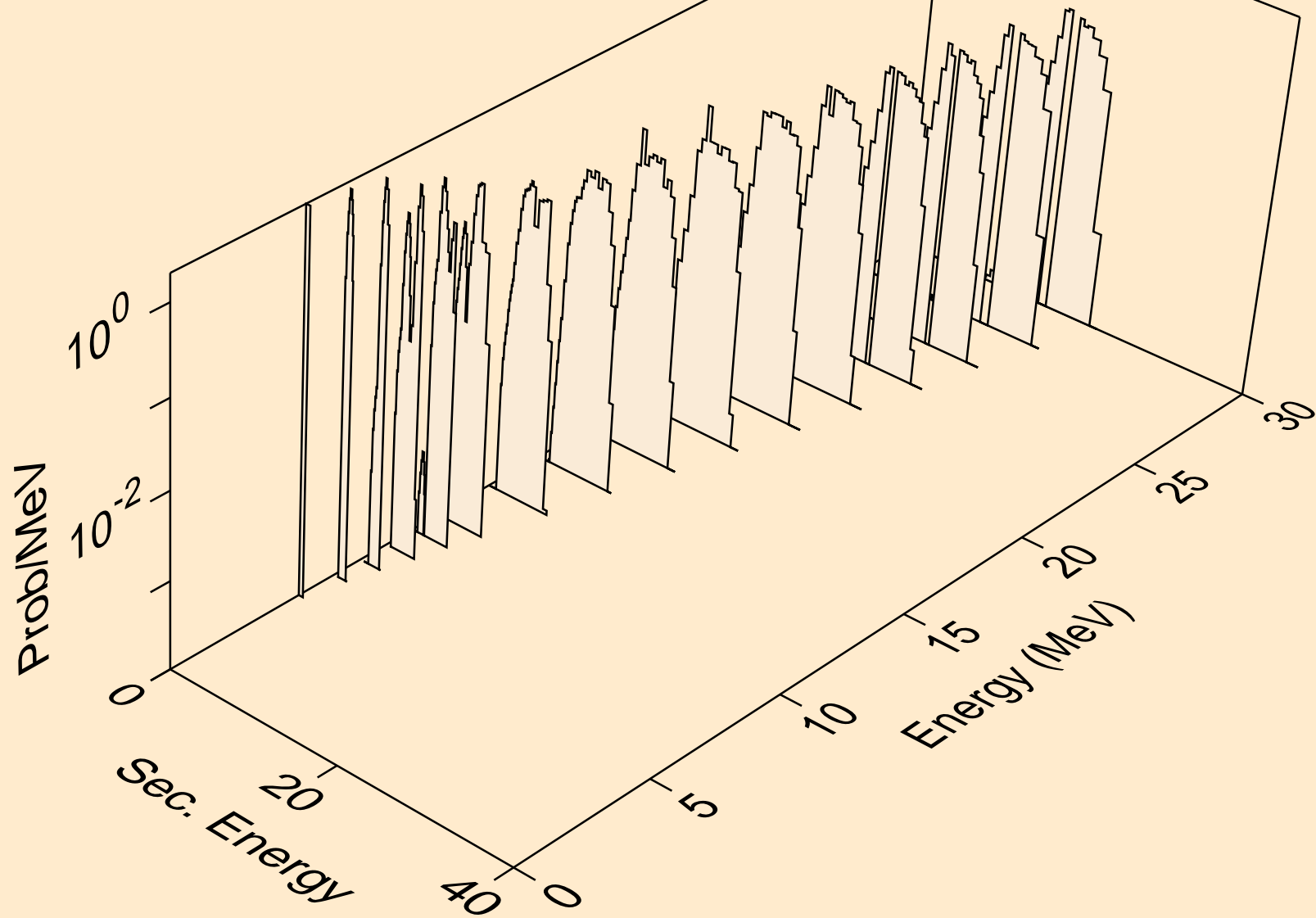
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
tritons from (s,x)



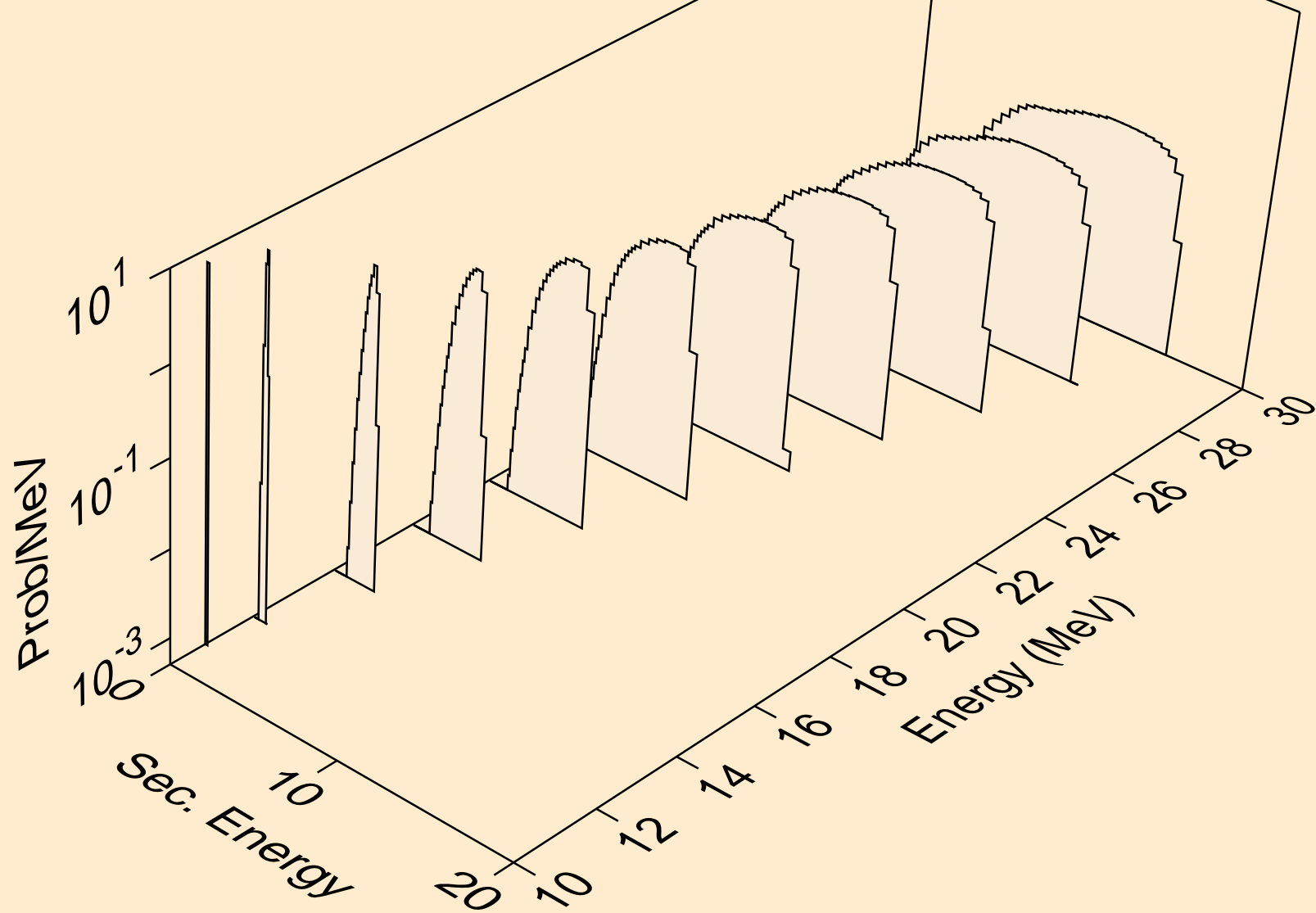
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
tritons from (s,n*)t



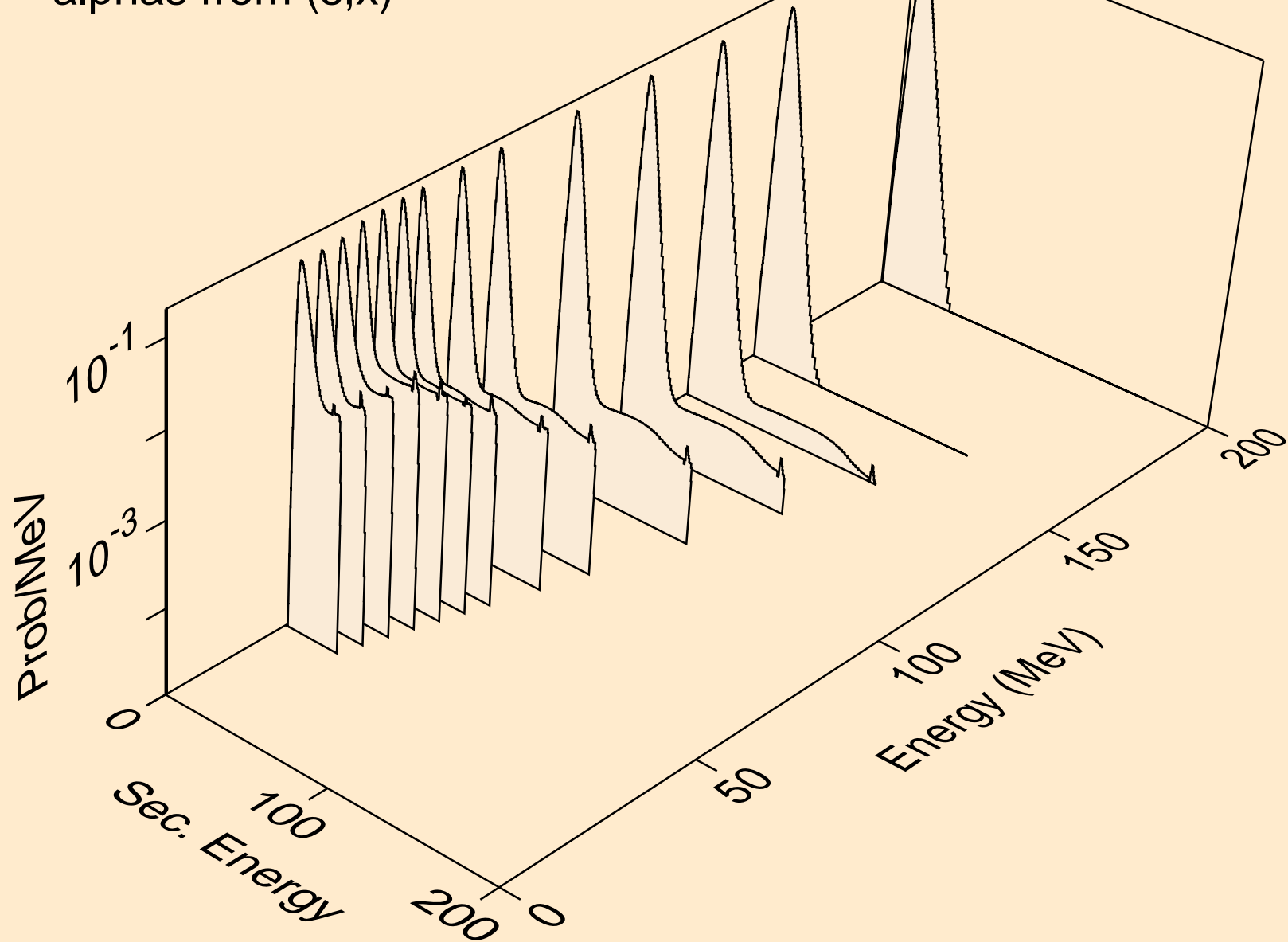
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
tritons from (s,t)



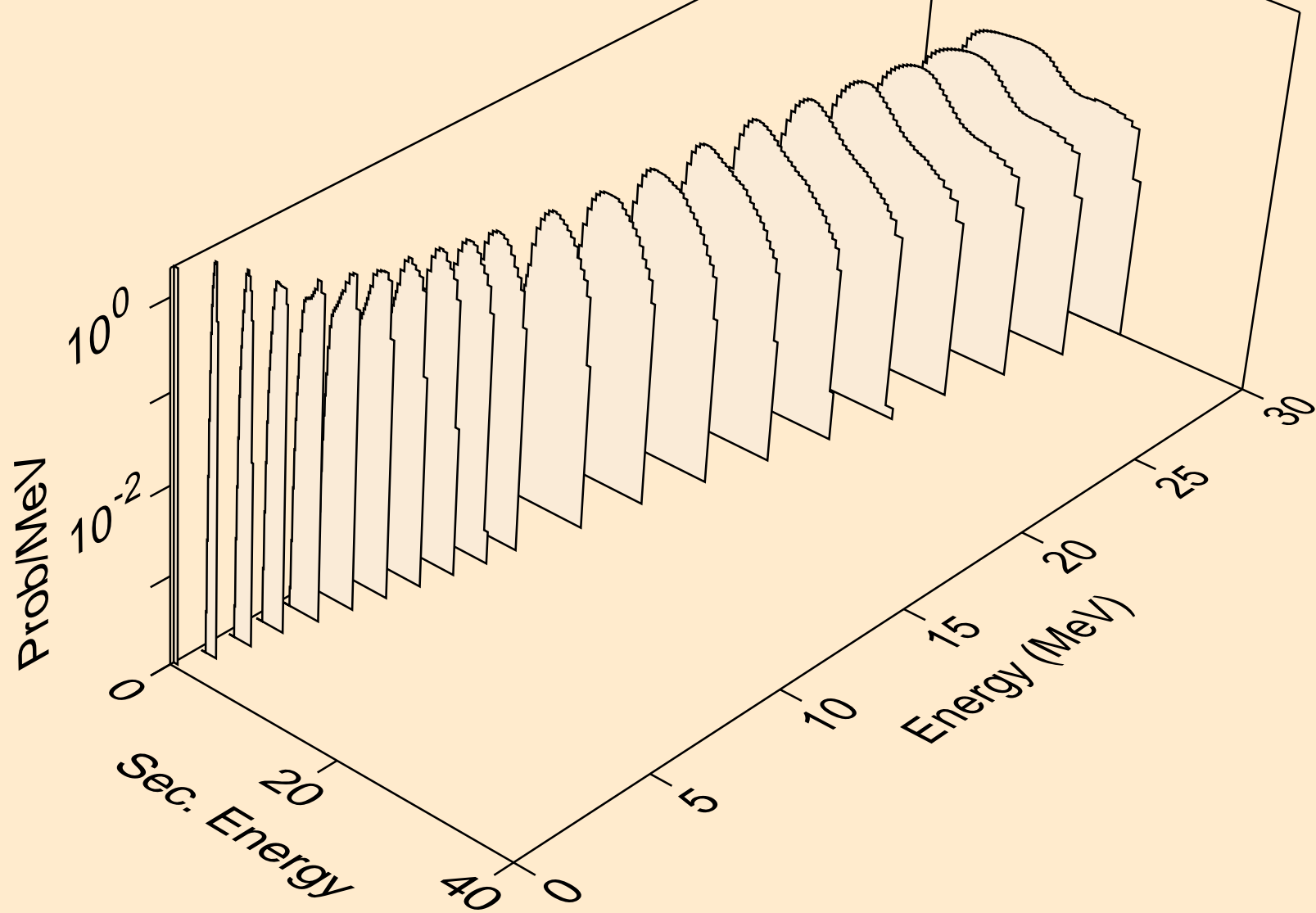
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
tritons from (s,pt)



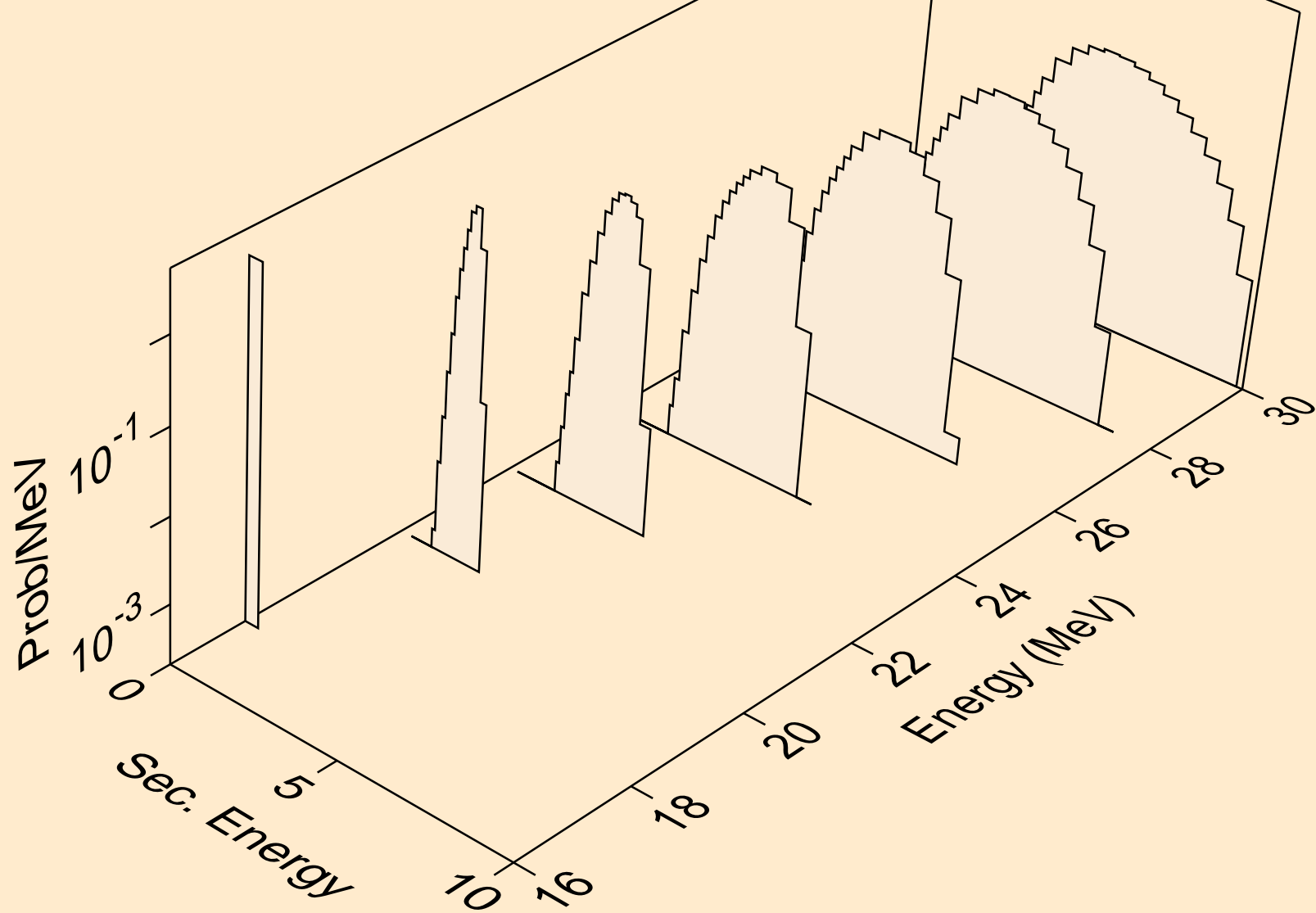
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,x)



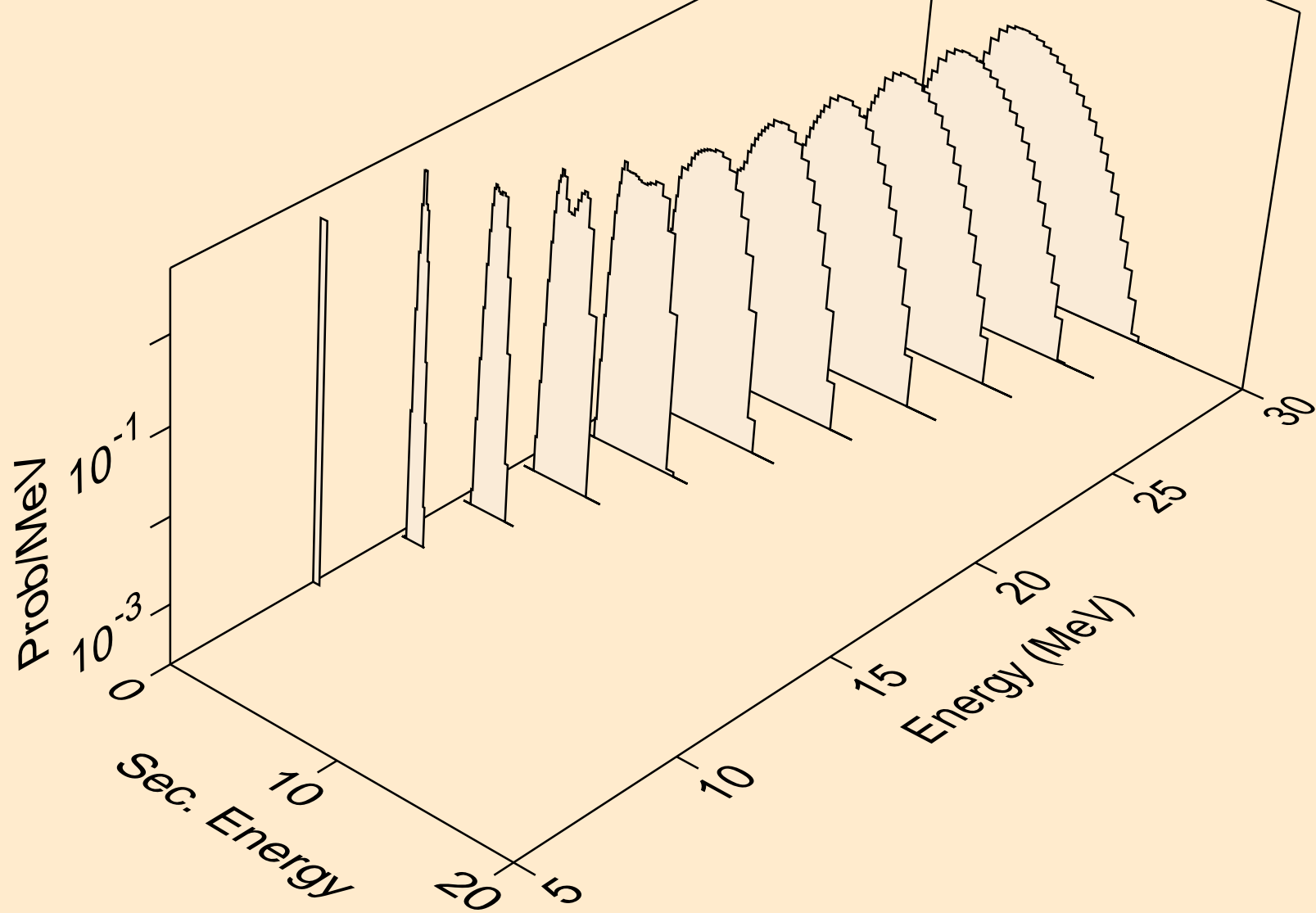
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,n*)a



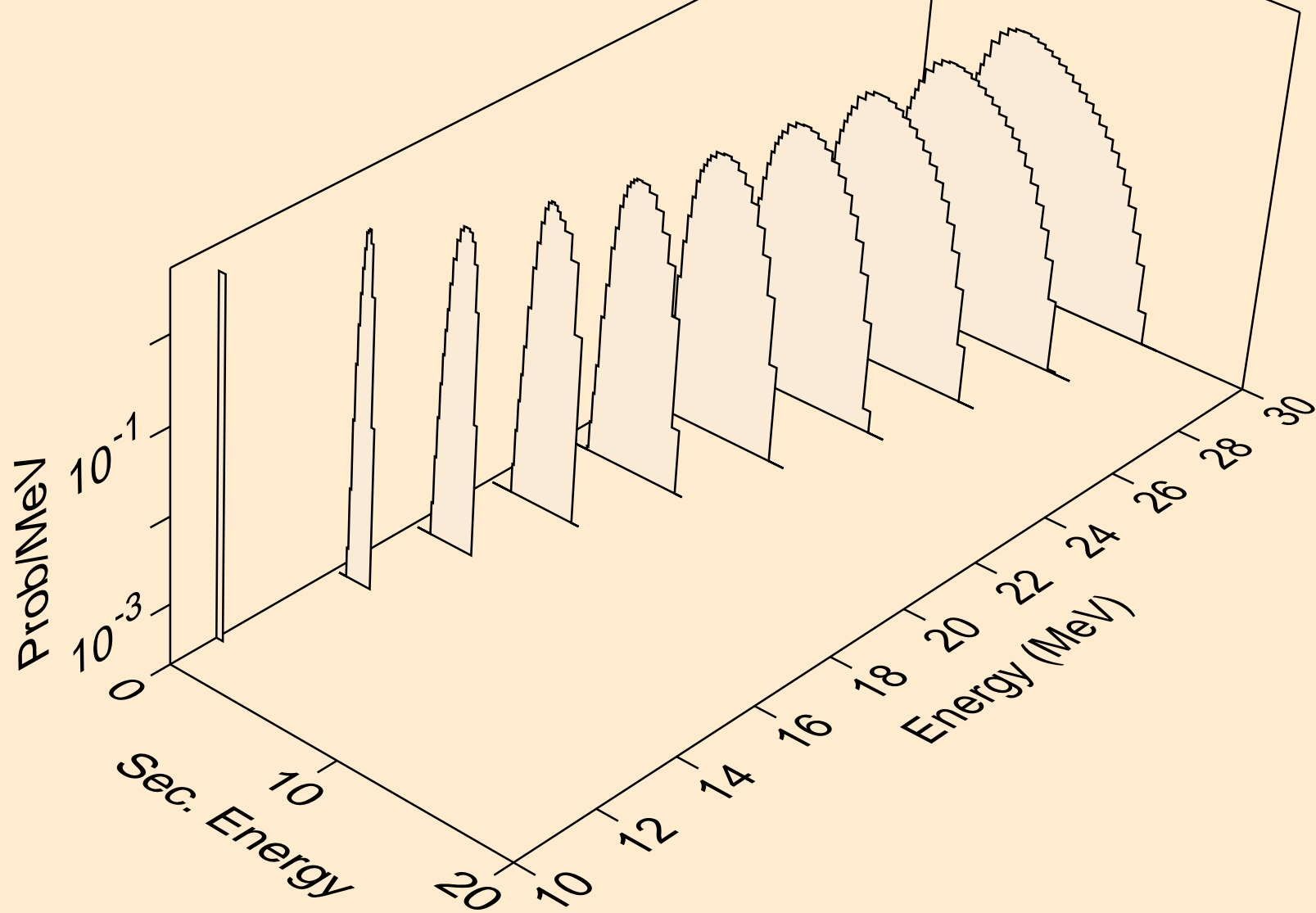
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,2n)a



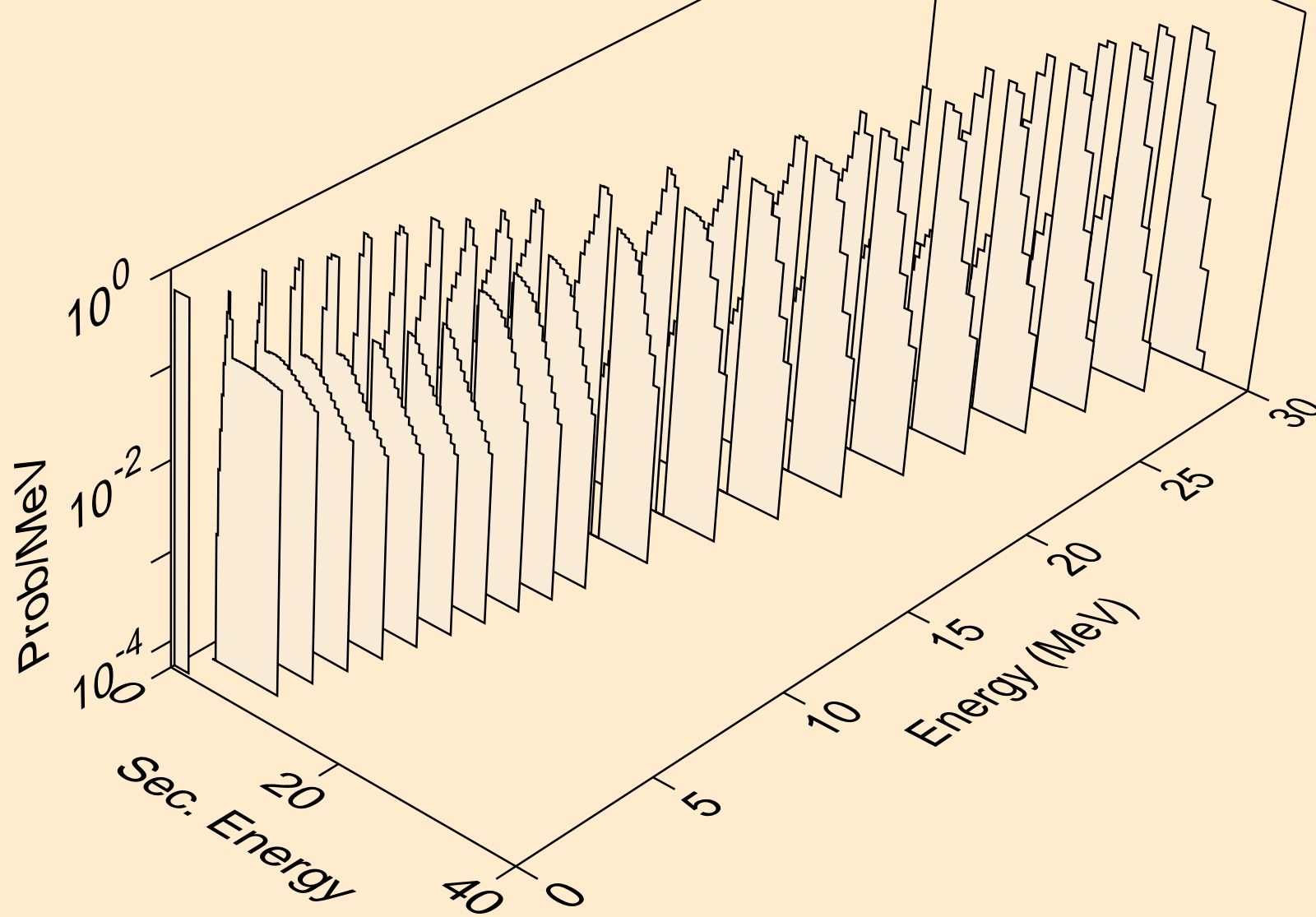
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,n*)2a



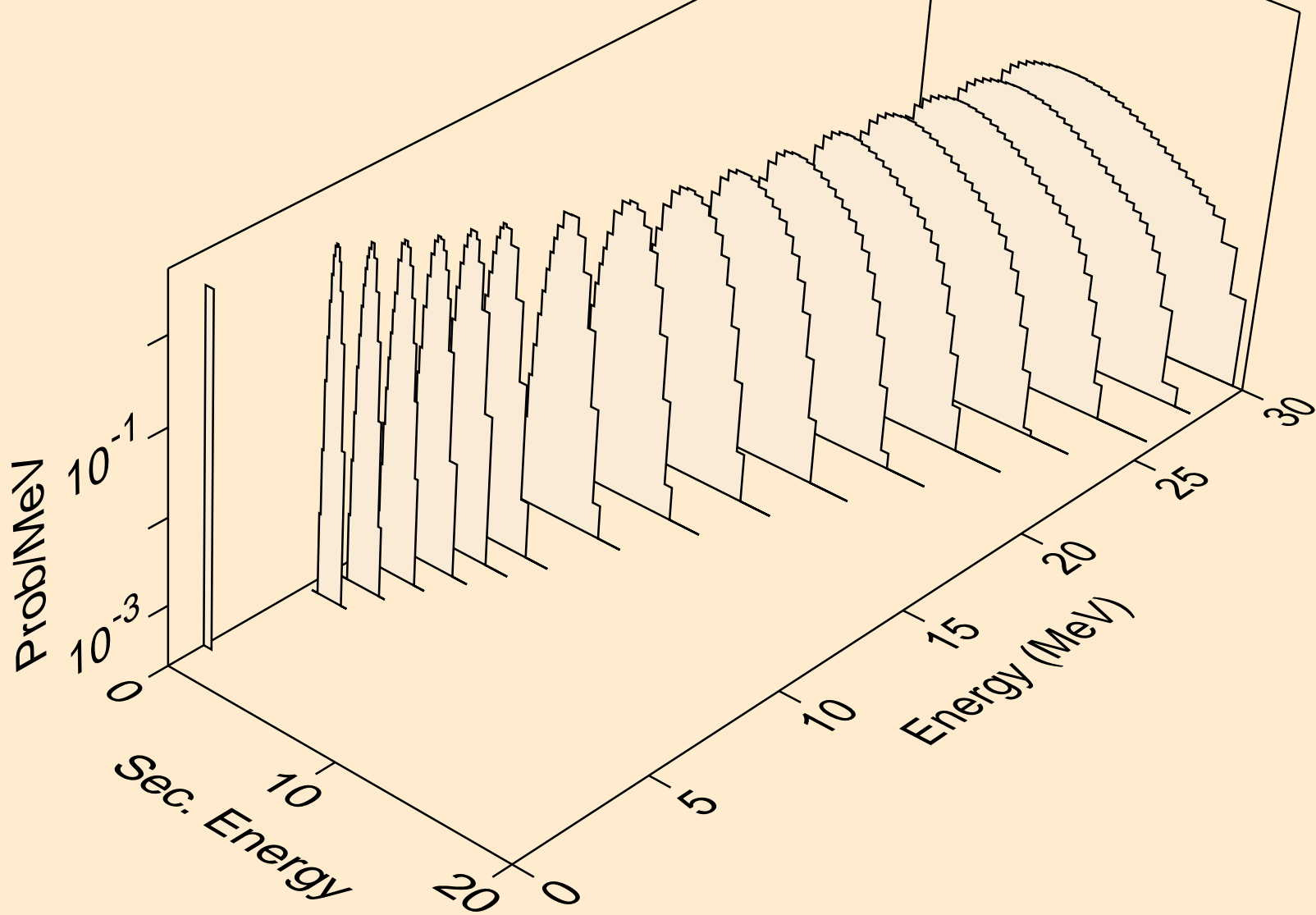
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,npa)



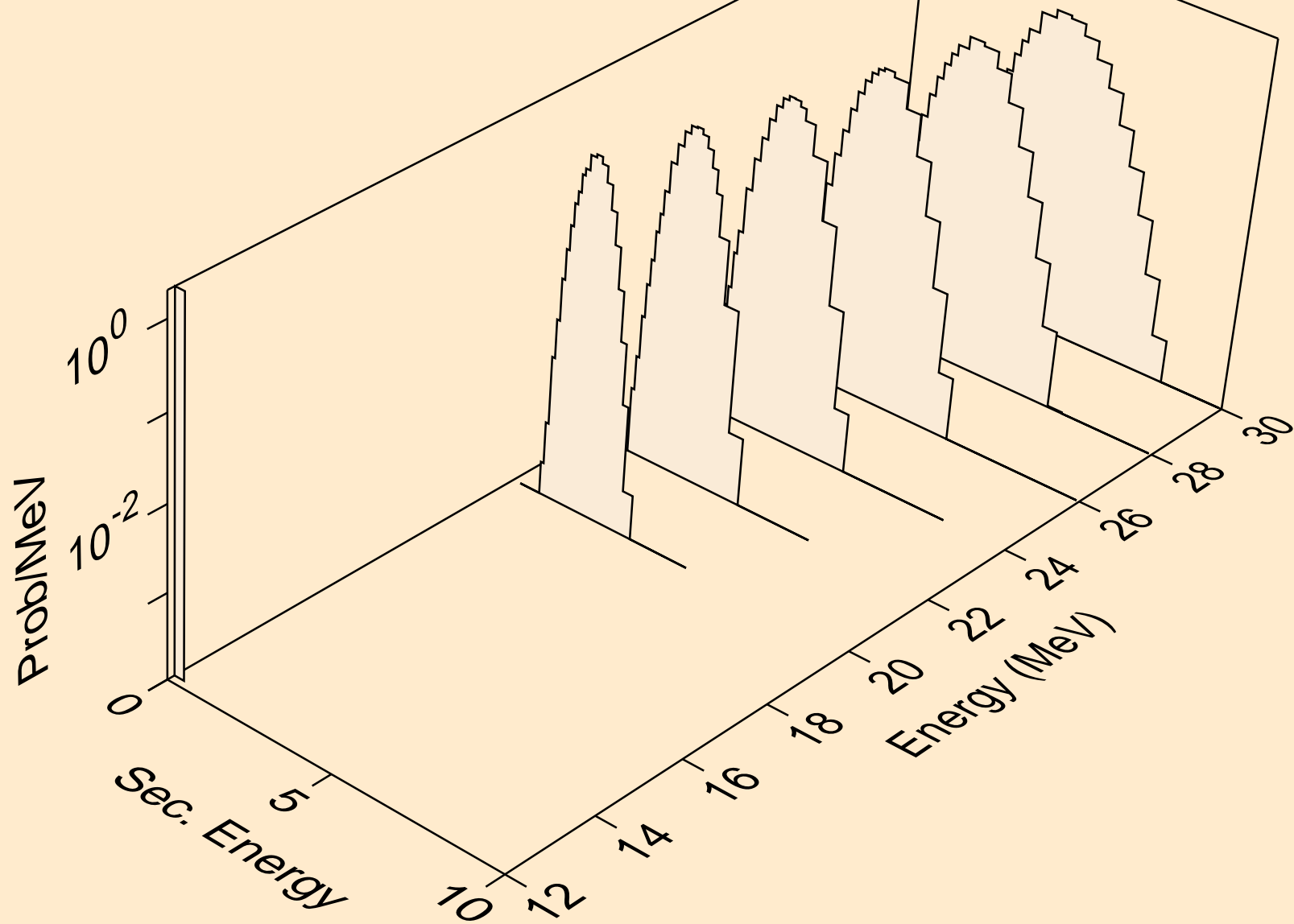
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,a)



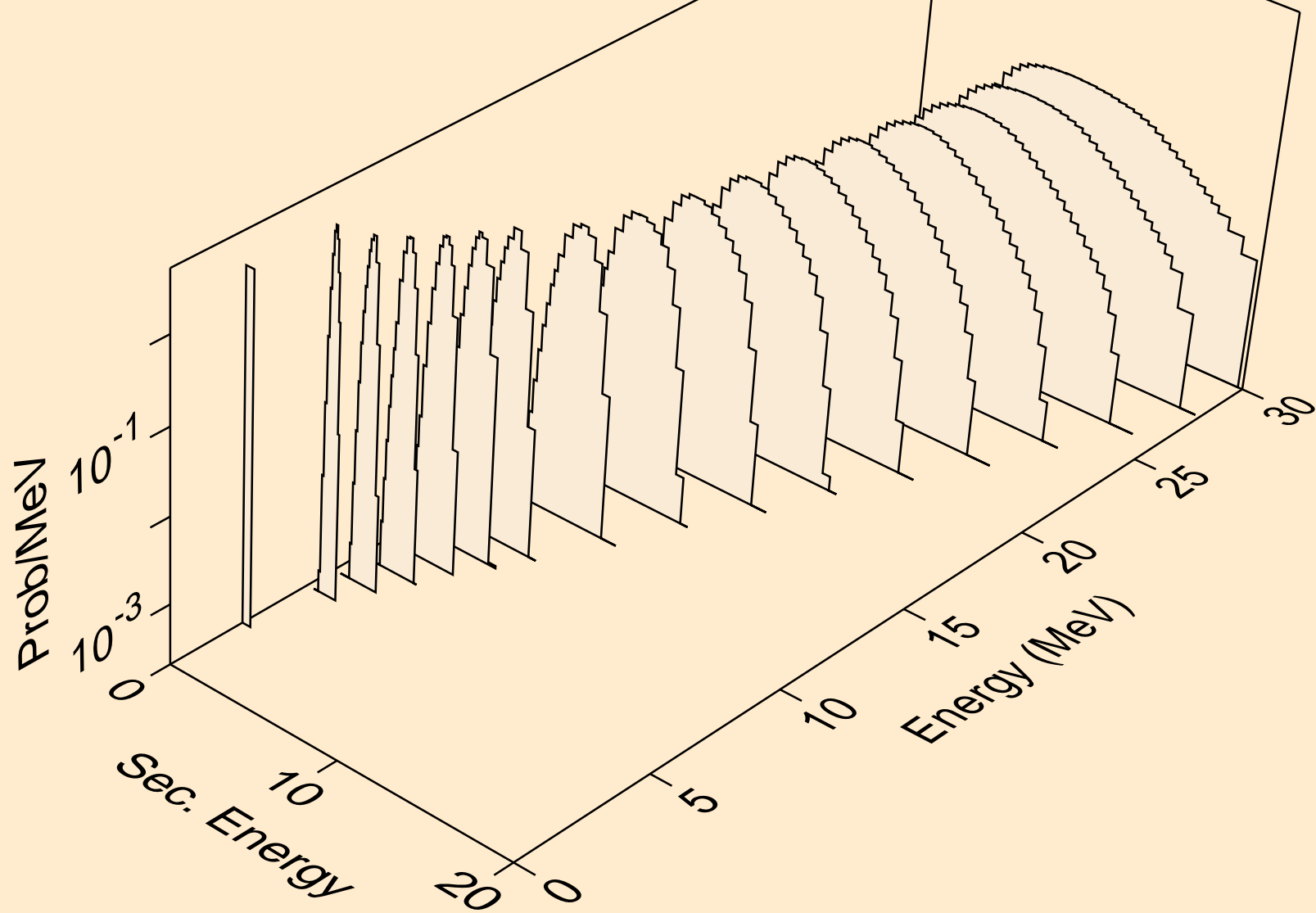
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,2a)



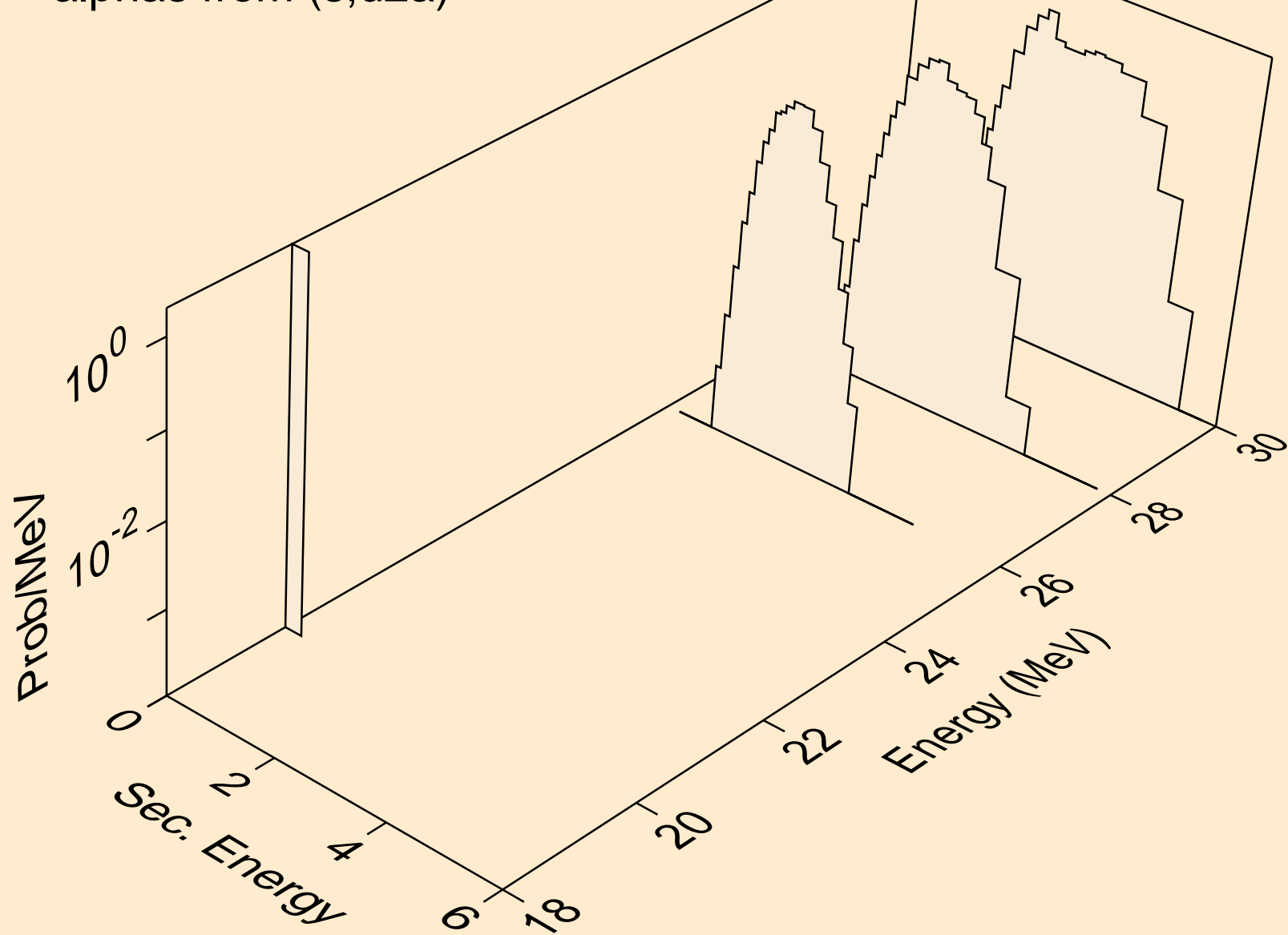
SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,3a)



SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,pa)



SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,d2a)



SI030 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,da)

