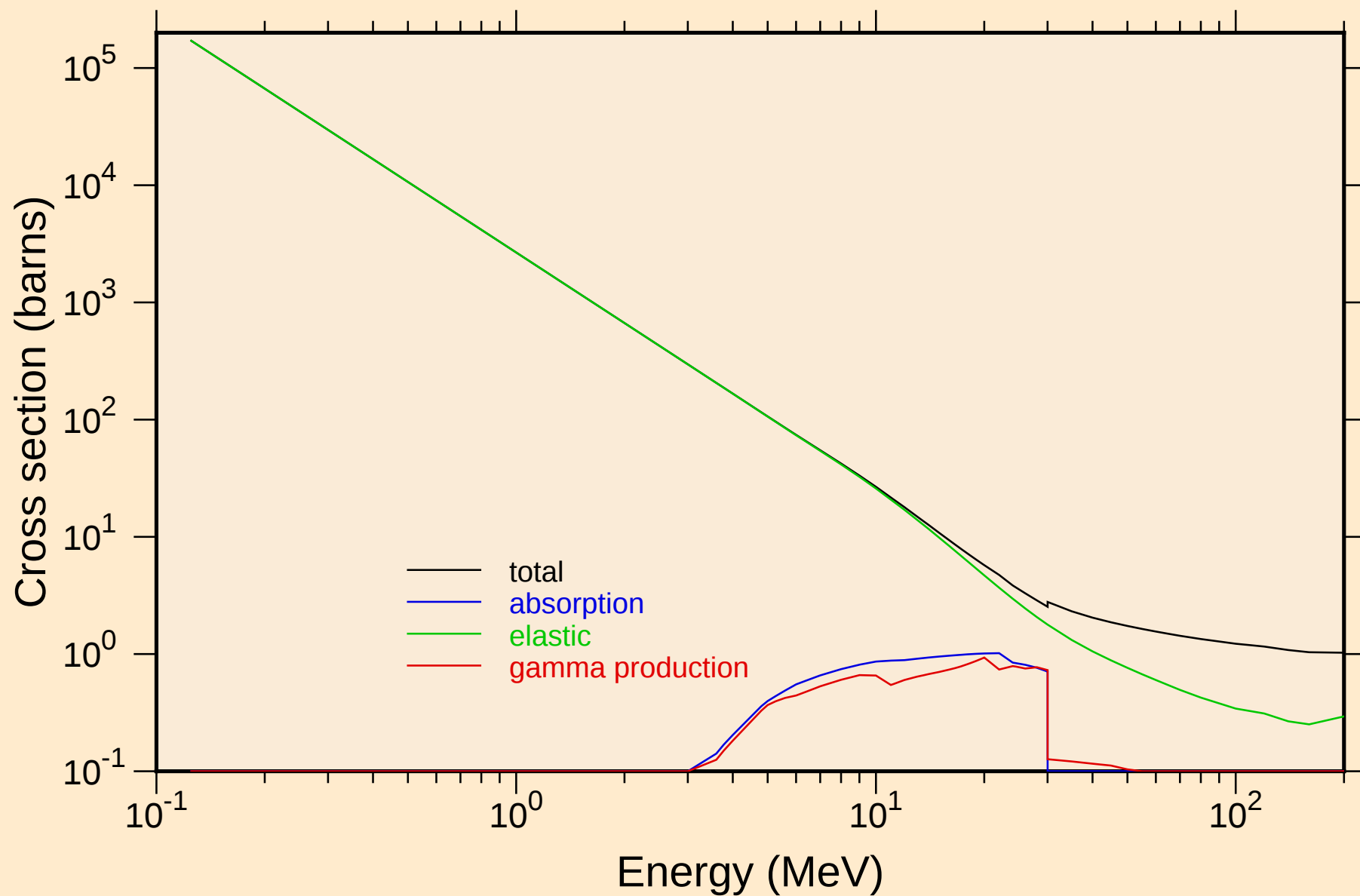


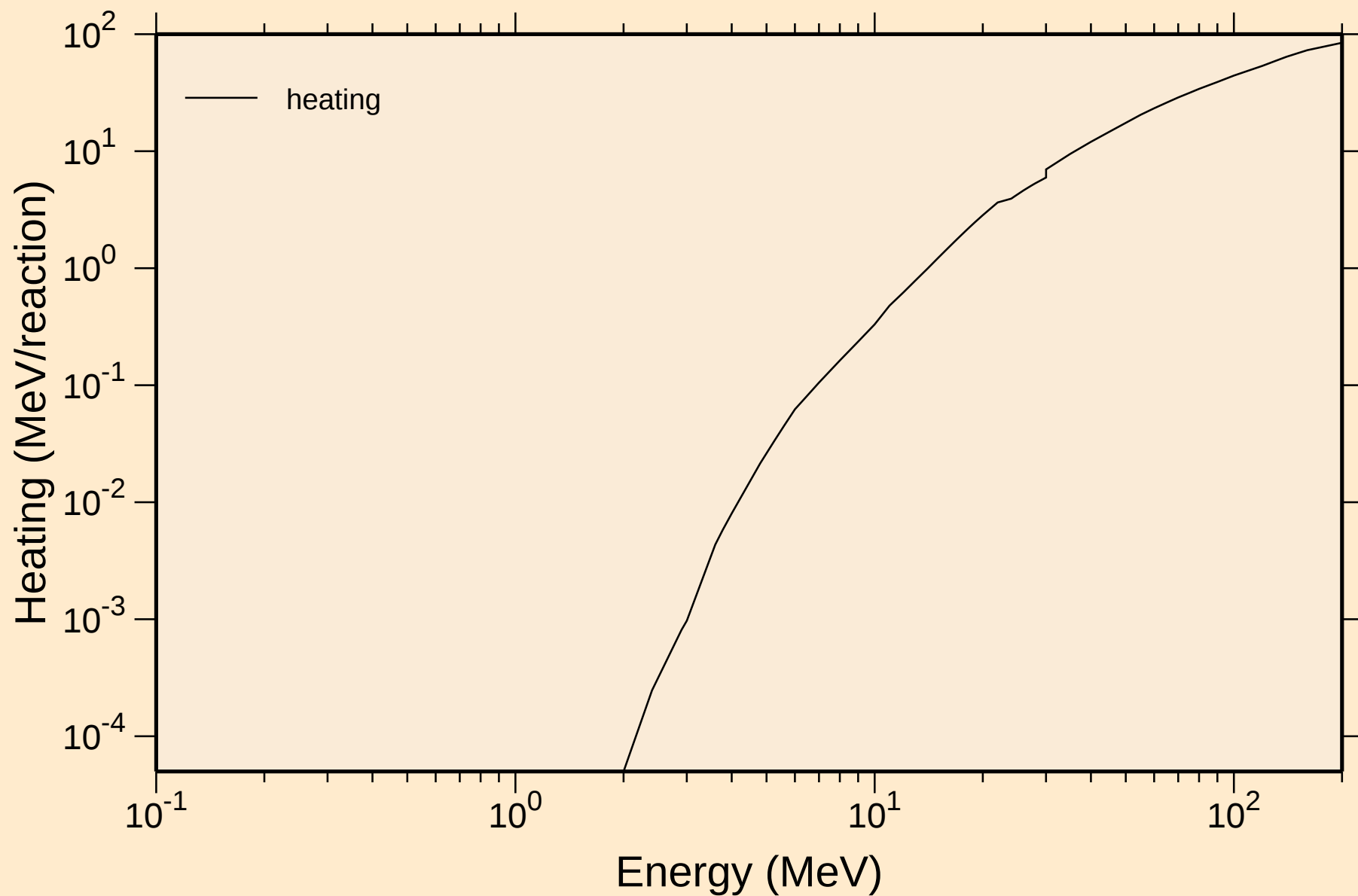
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



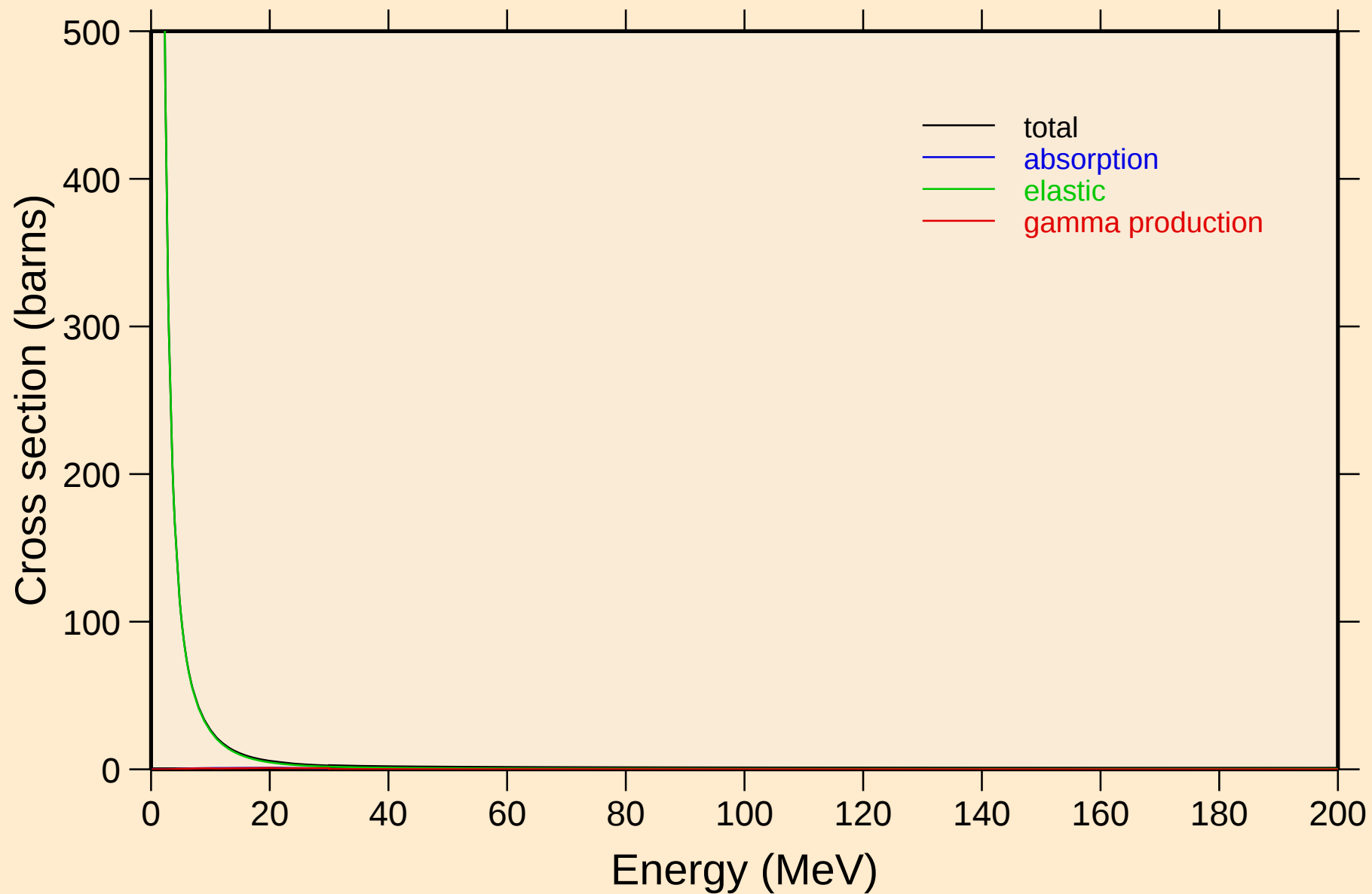
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K

Heating



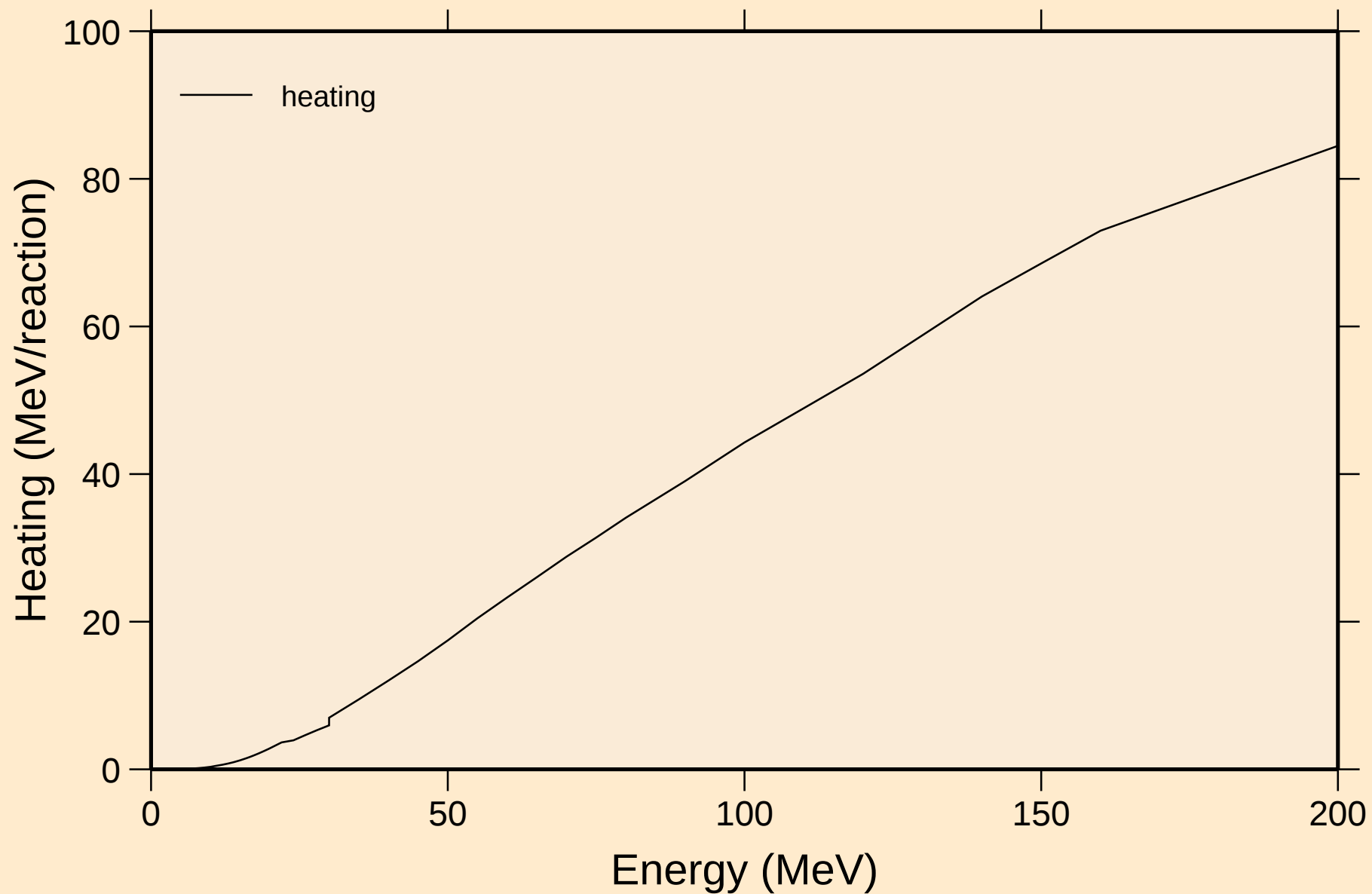
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



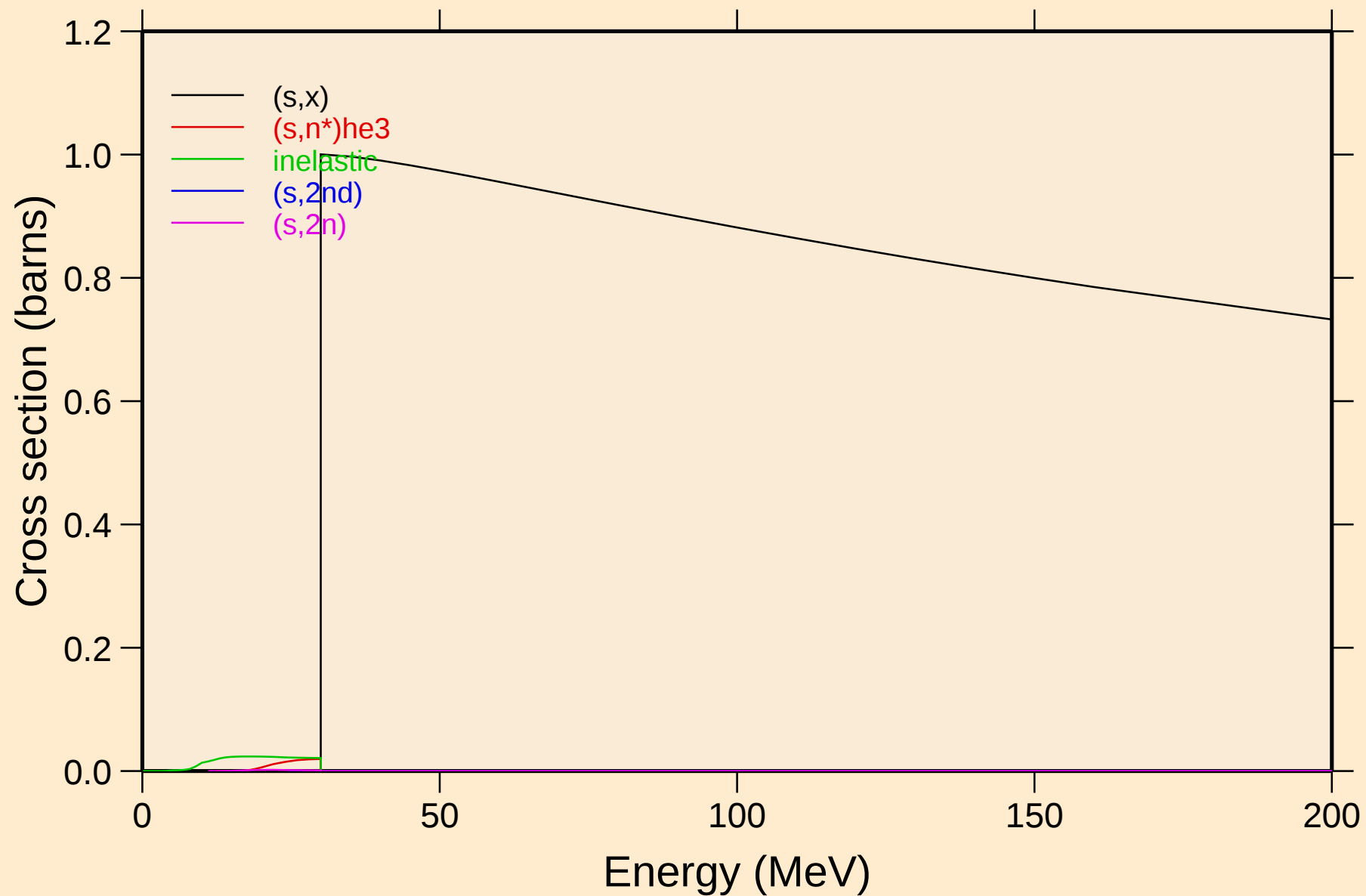
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K

Heating



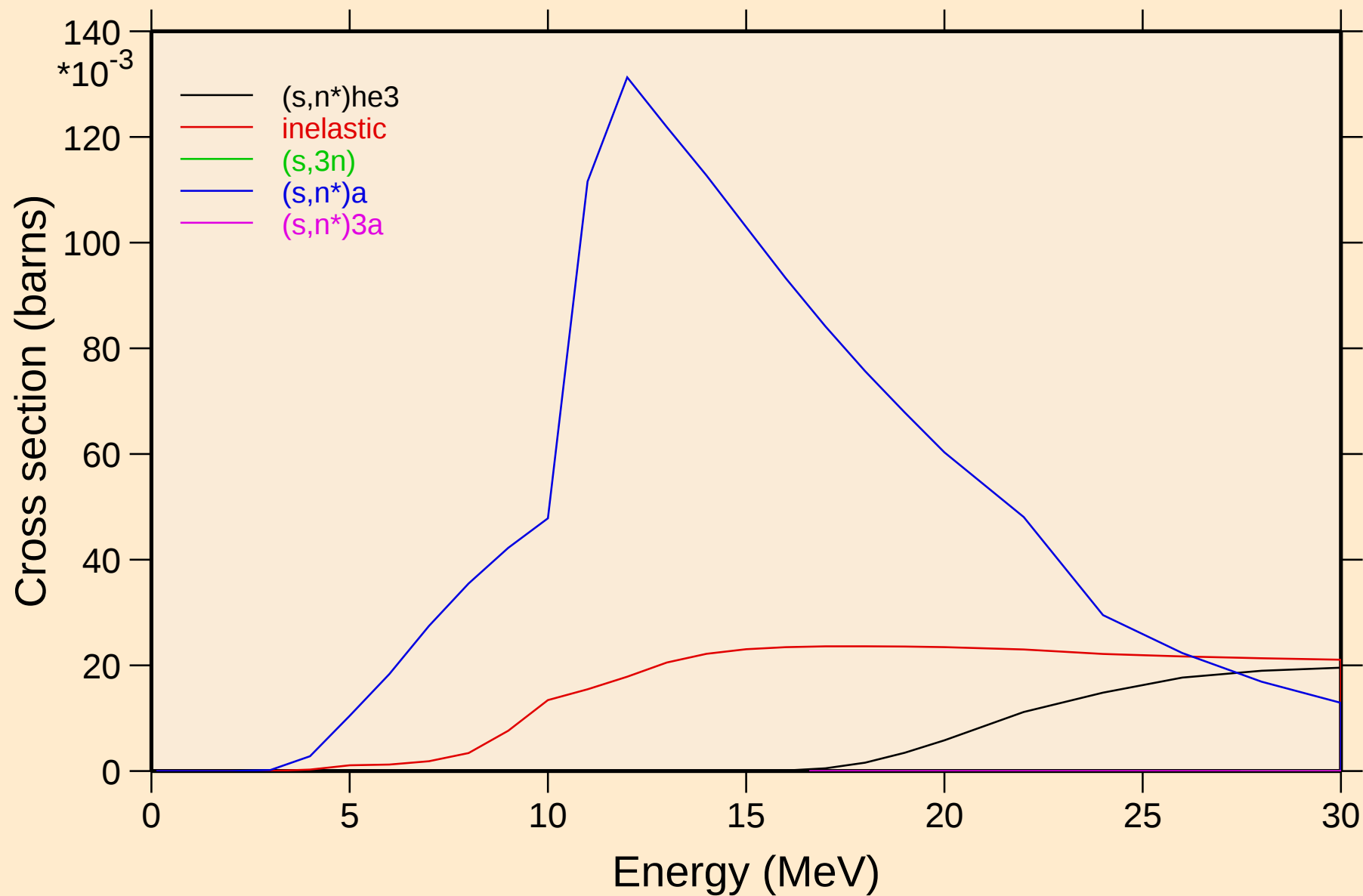
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

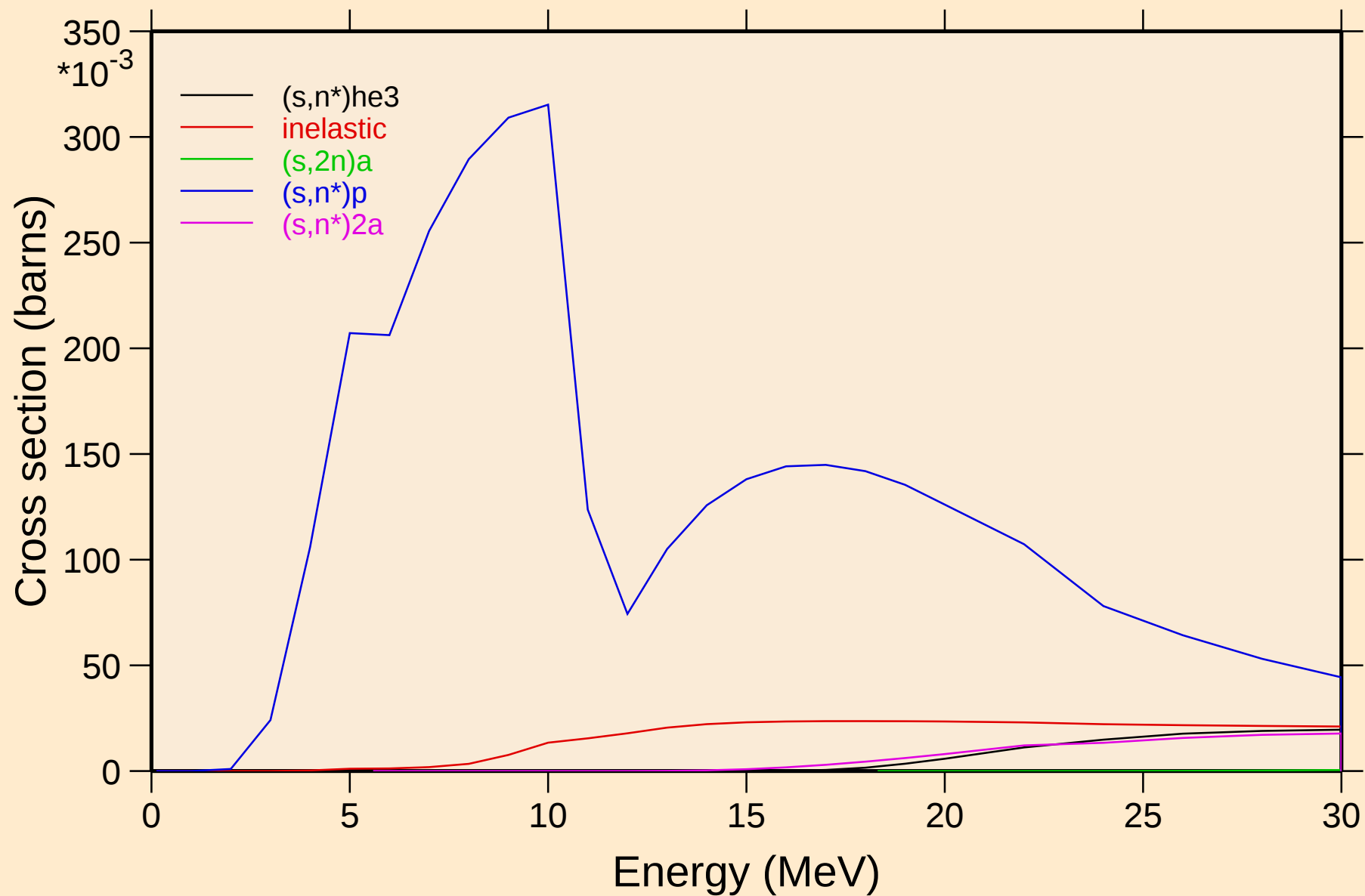


F019 HELION ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

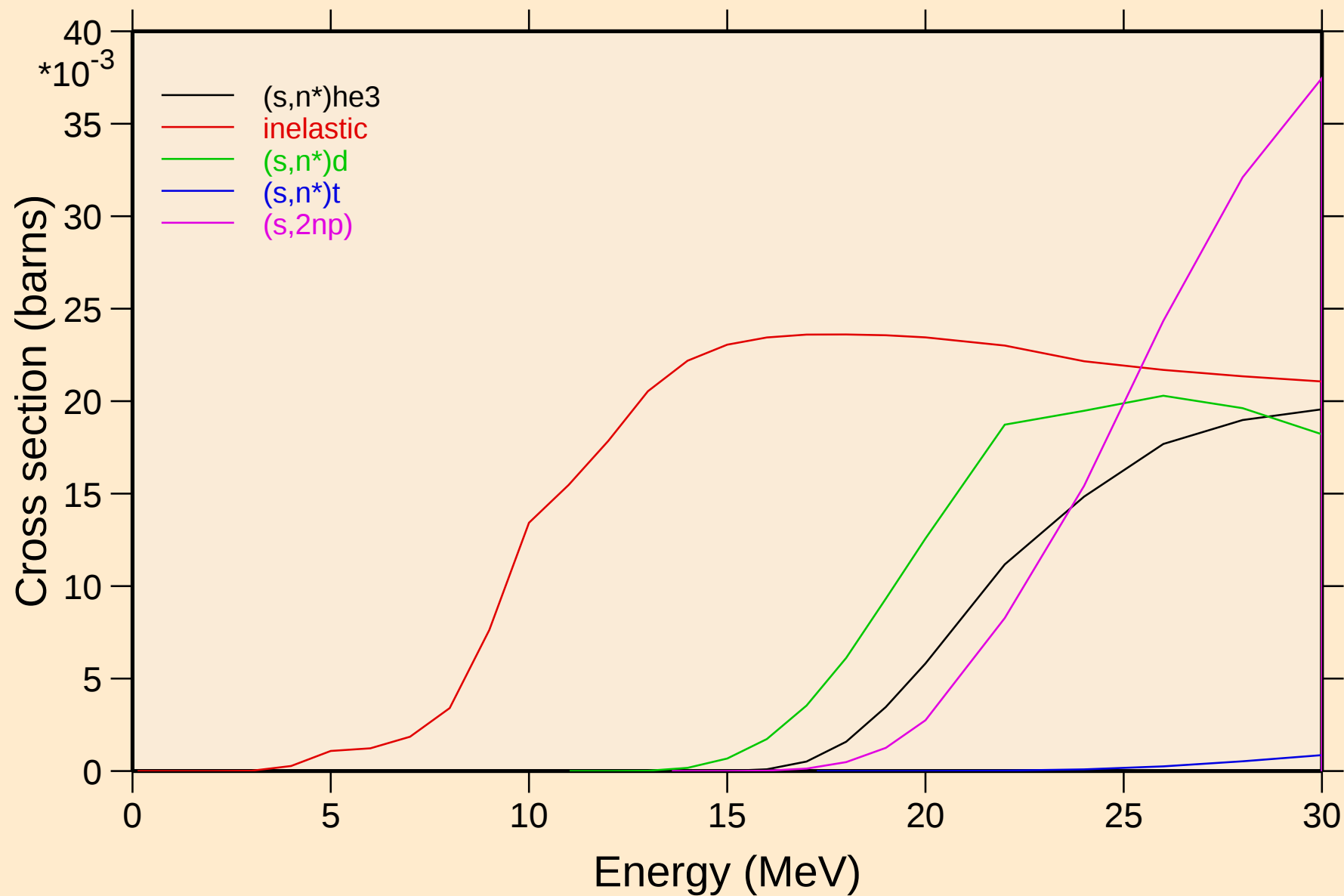


F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions

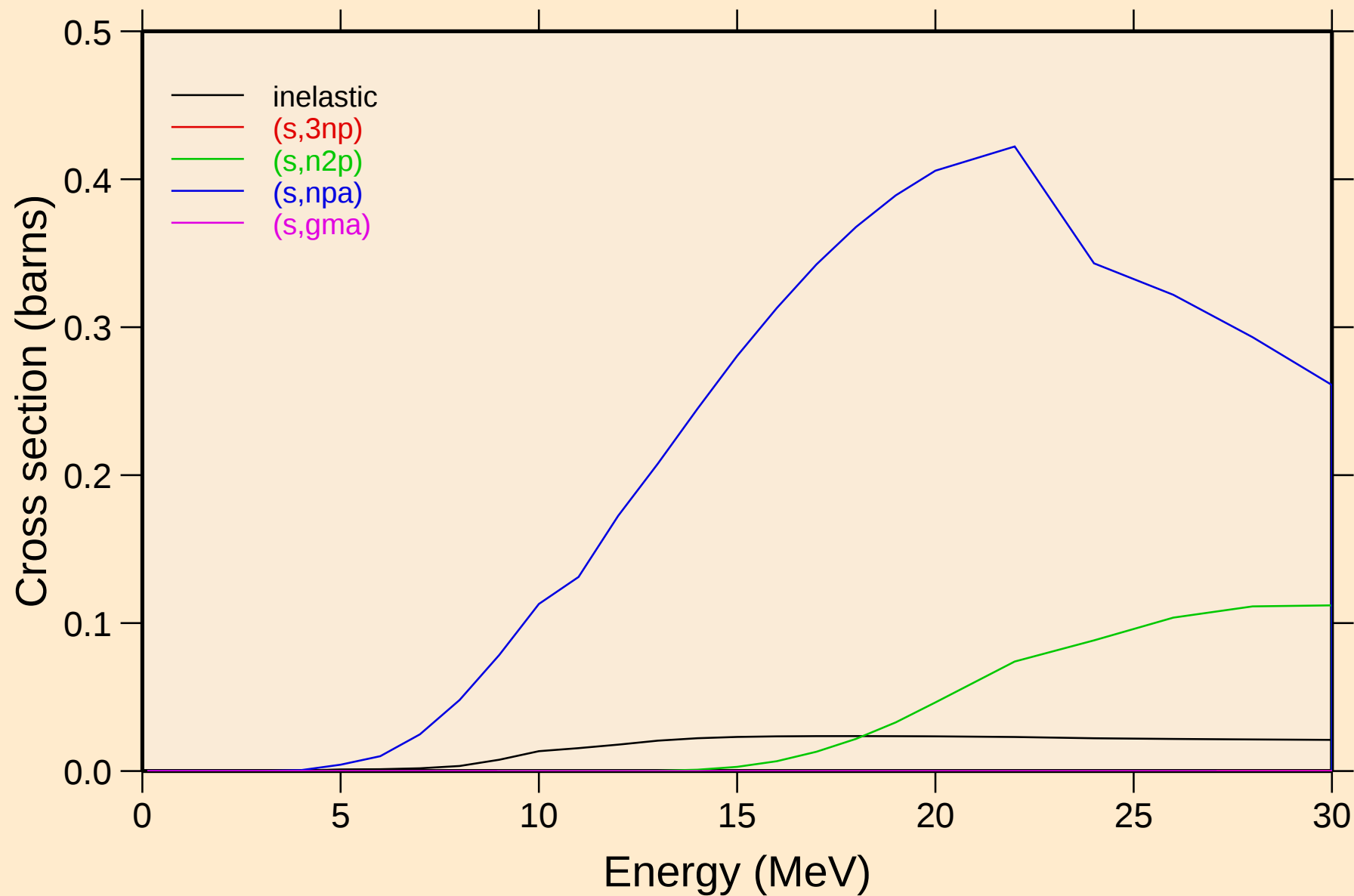


F019 HELION ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

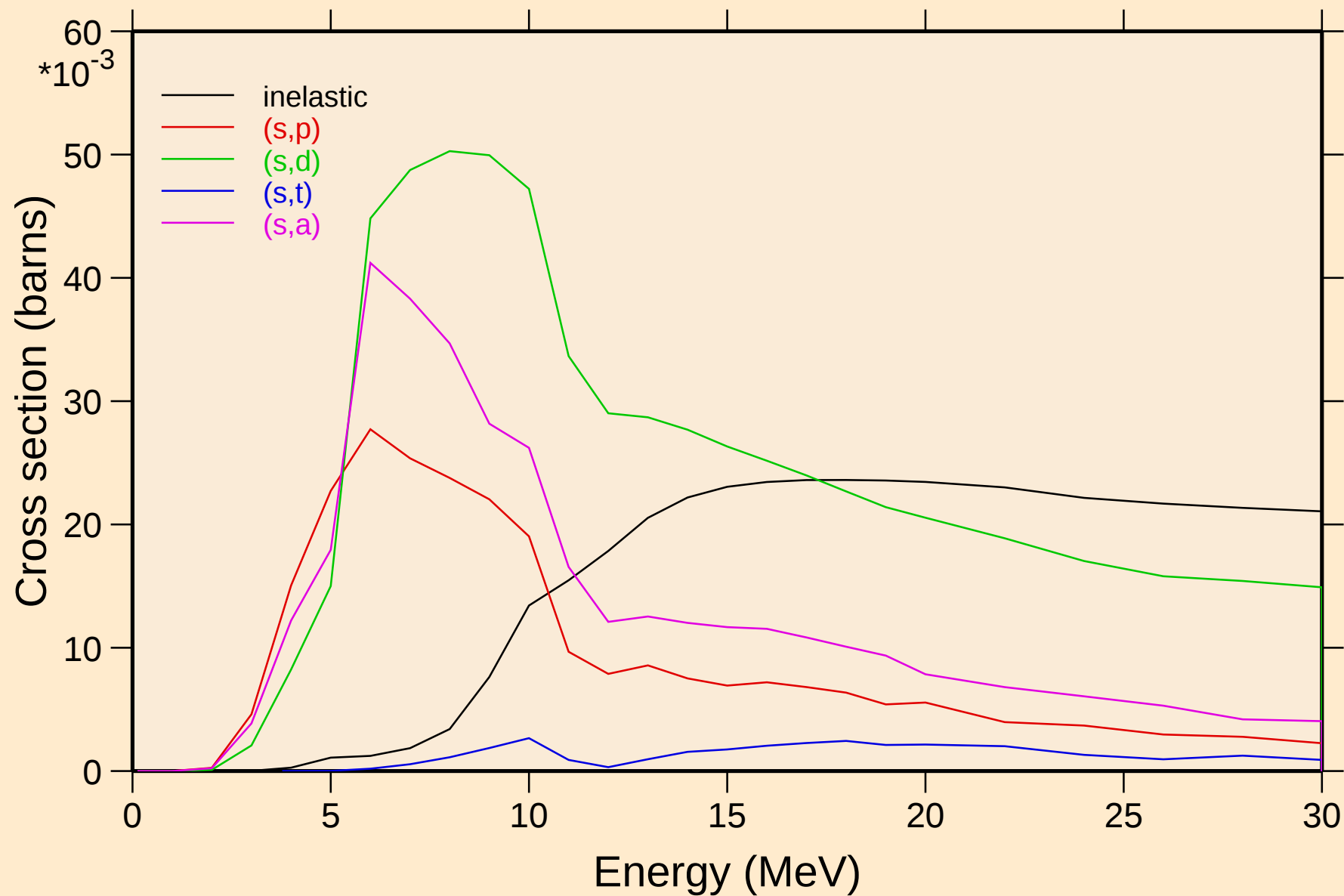


F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions

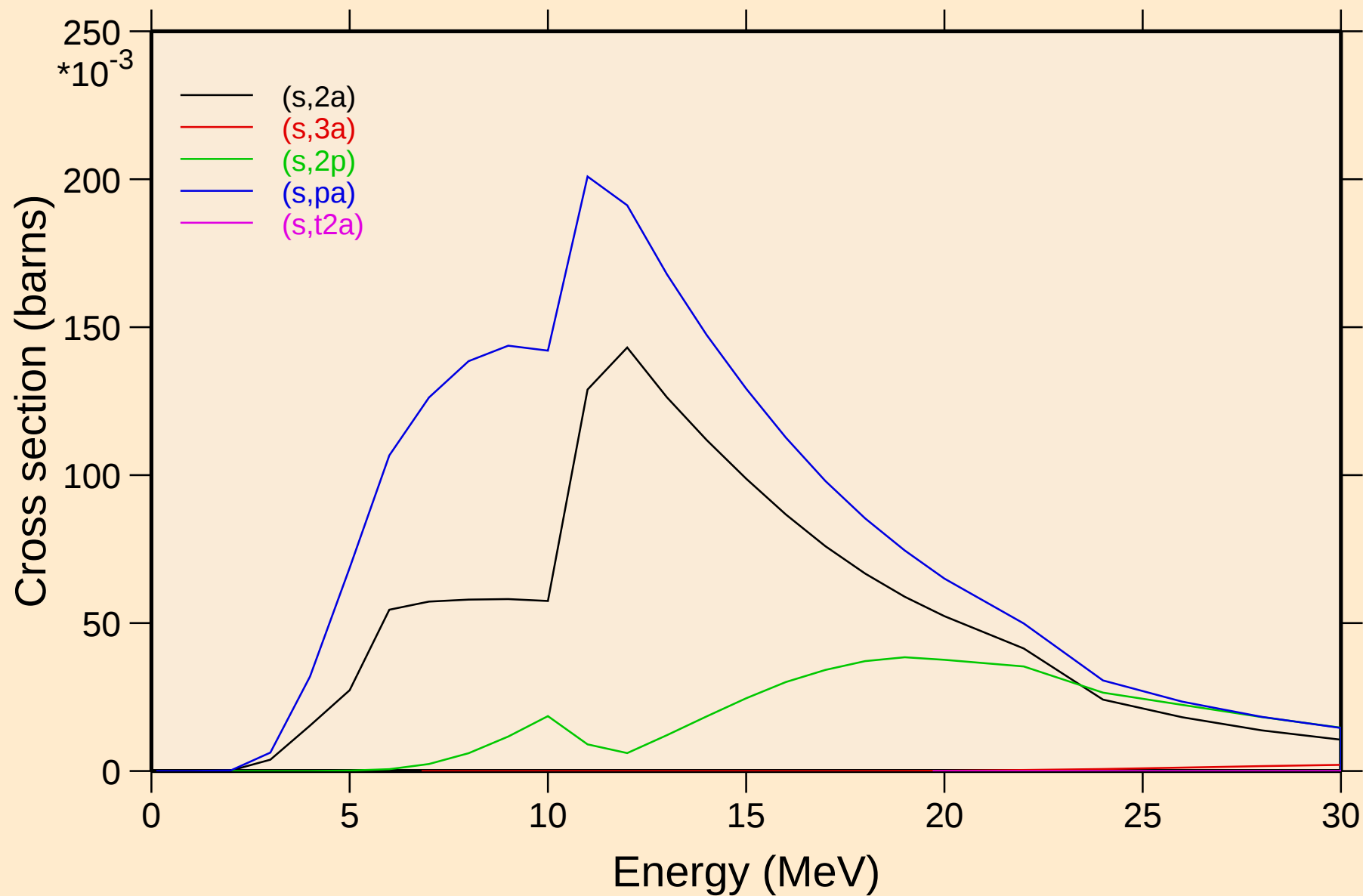


F019 HELION ACER TENDL-2023 LIBRARY; T=0.K

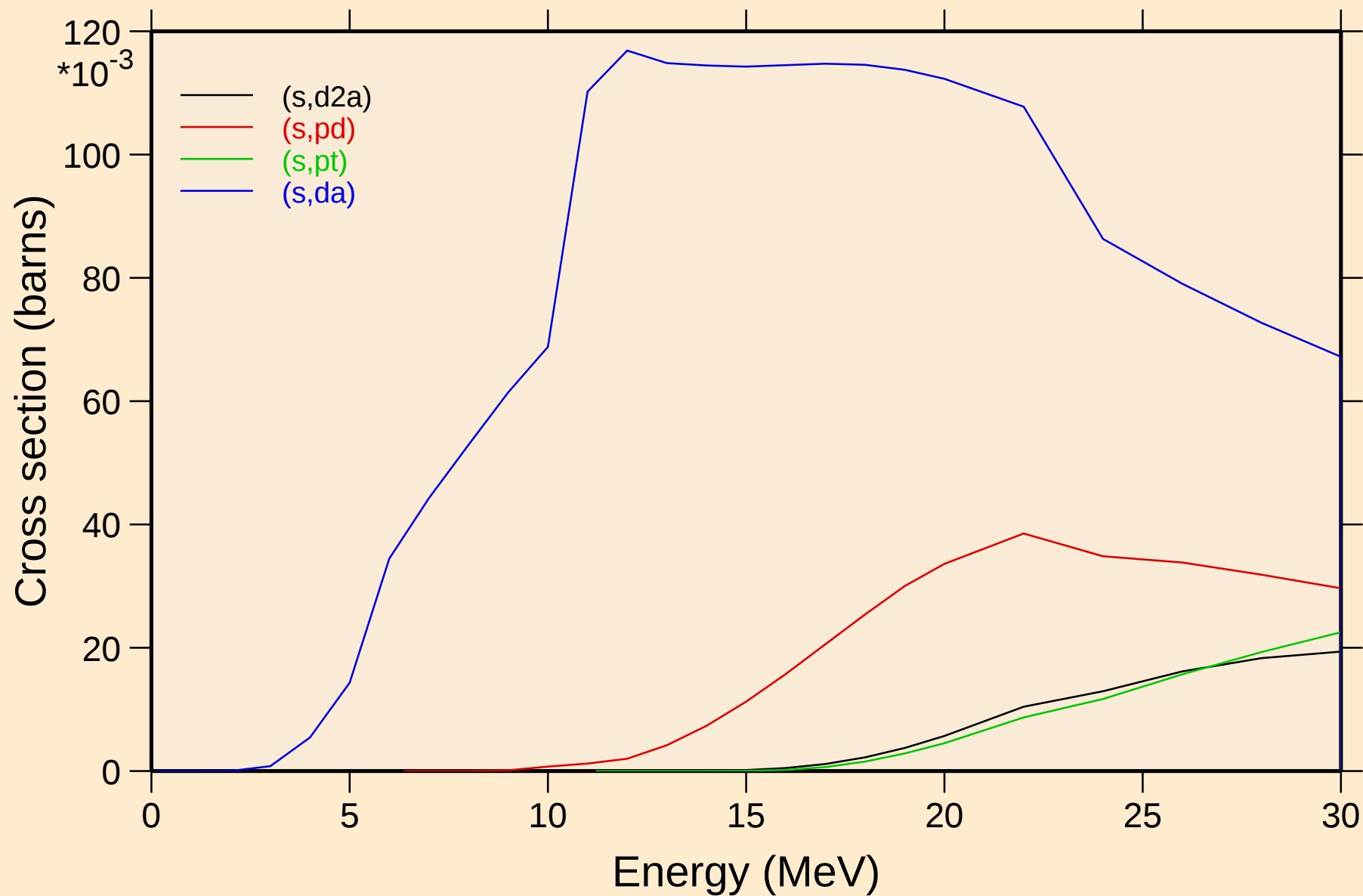
Threshold reactions



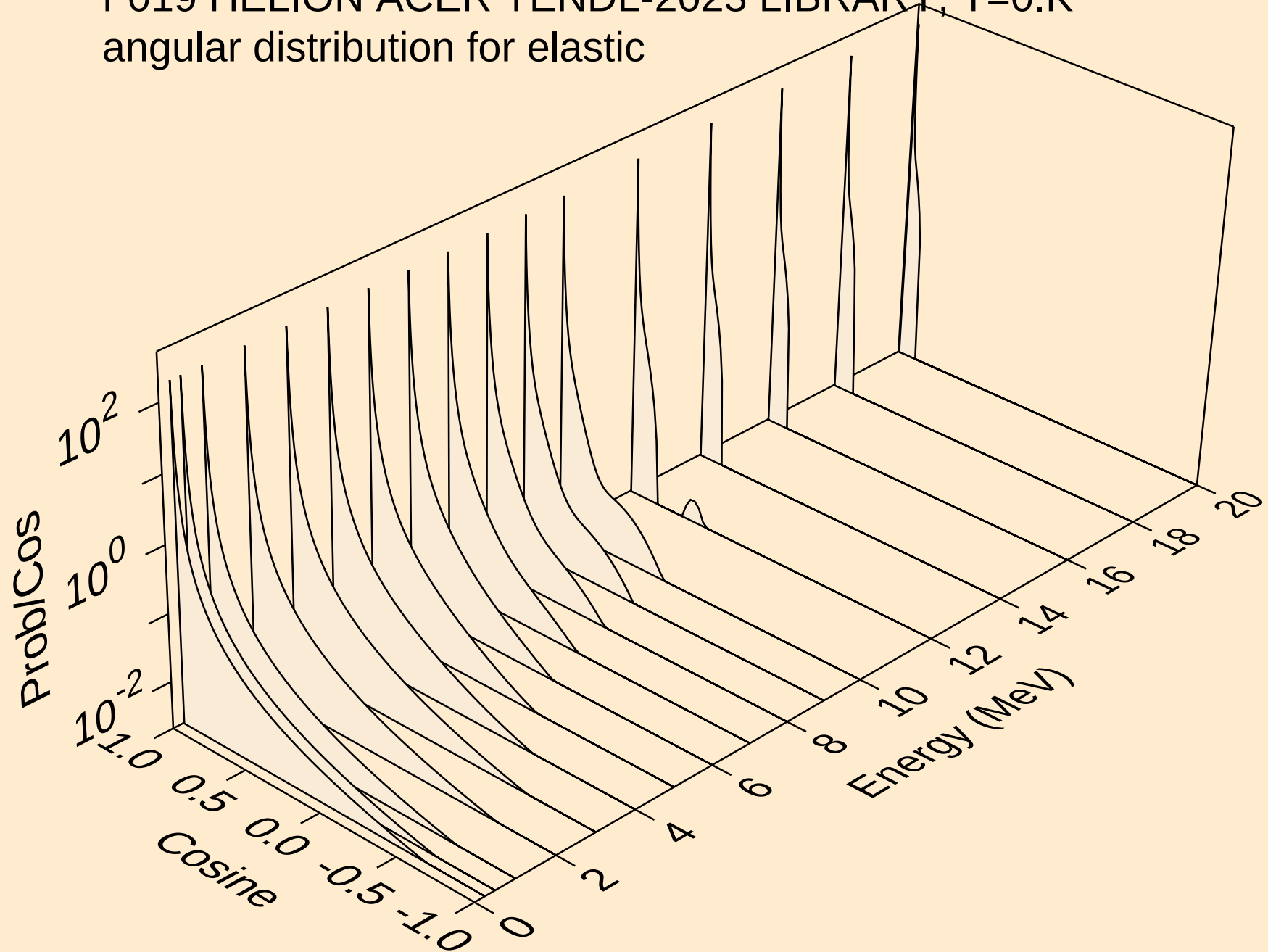
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



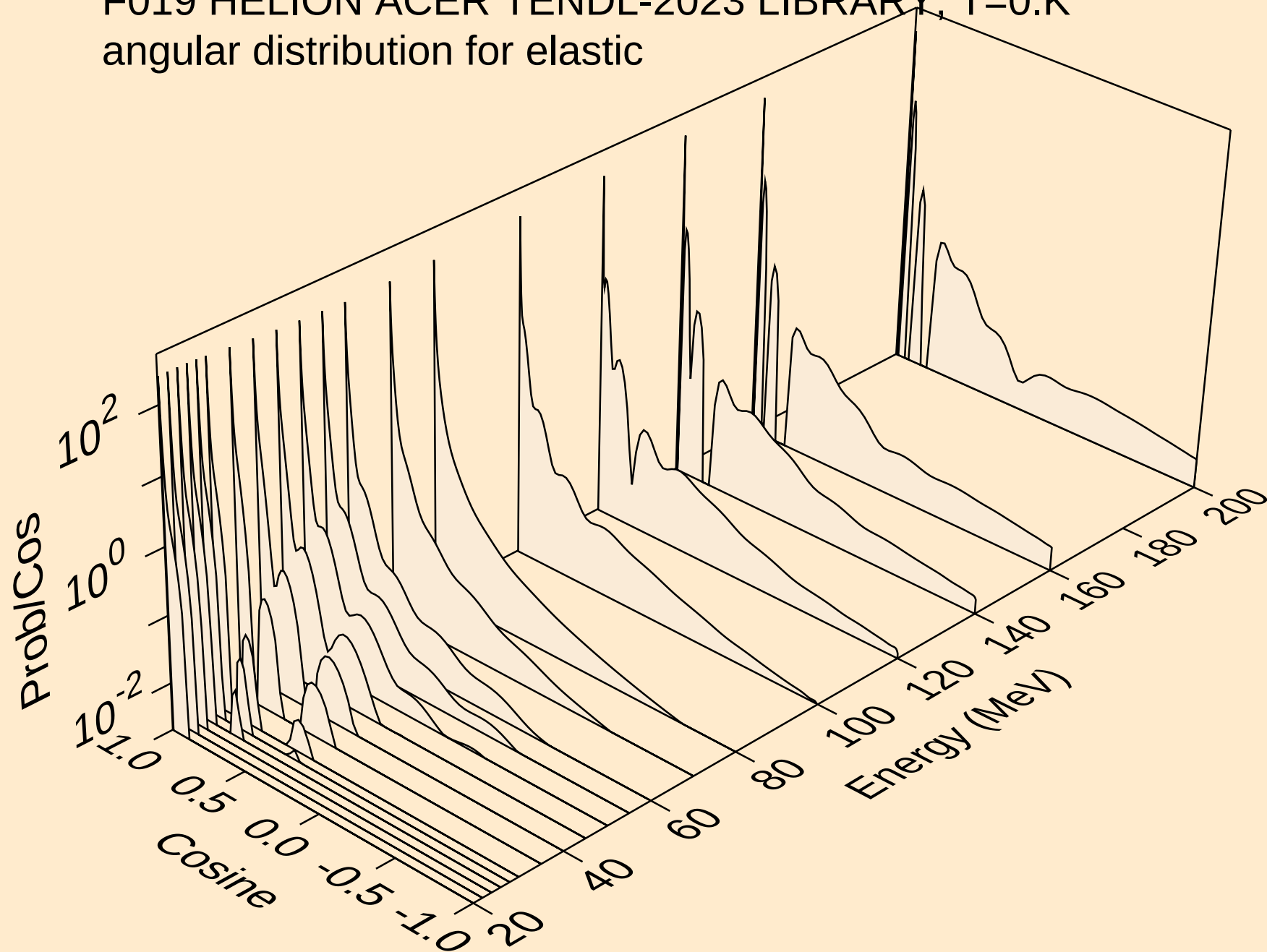
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



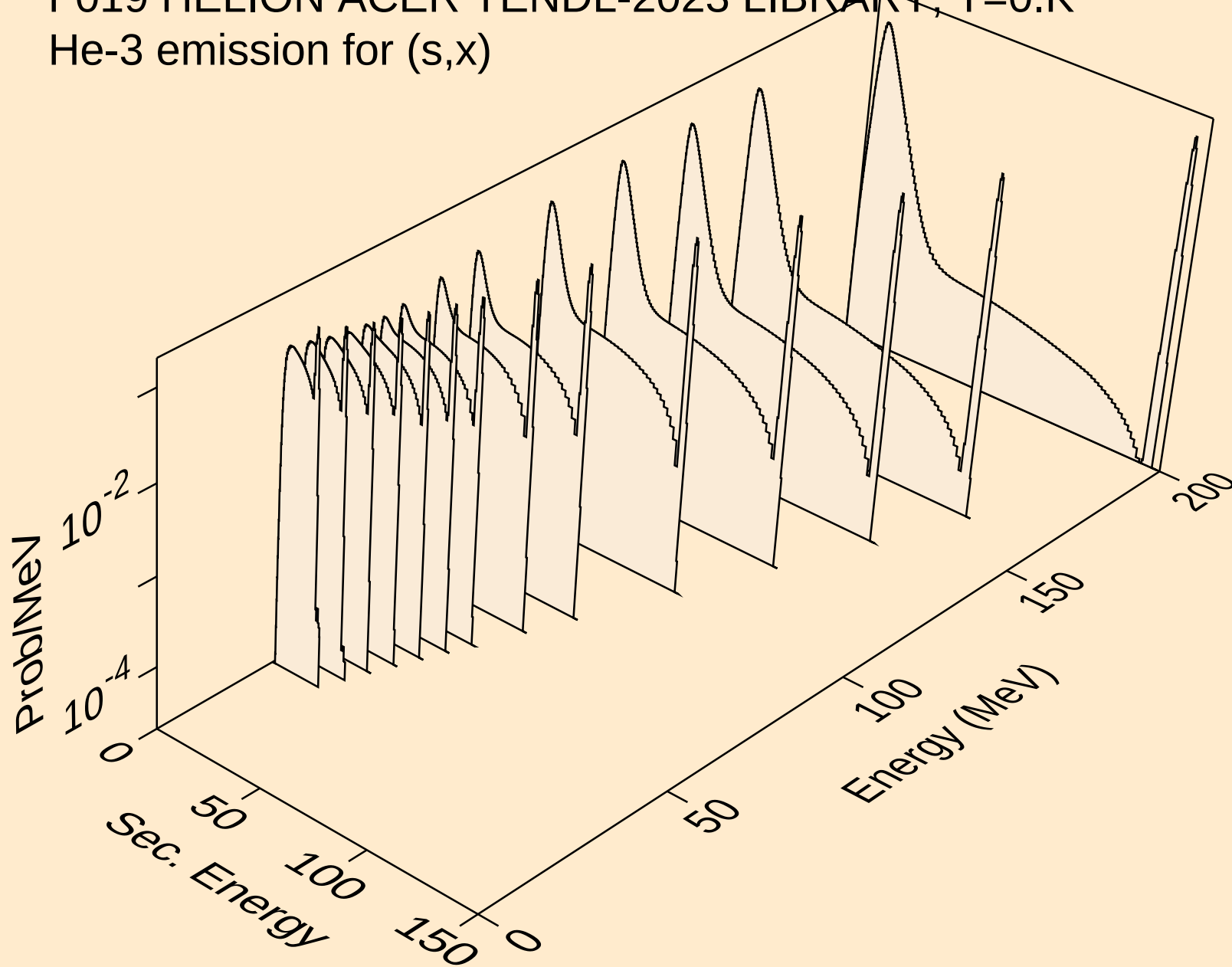
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



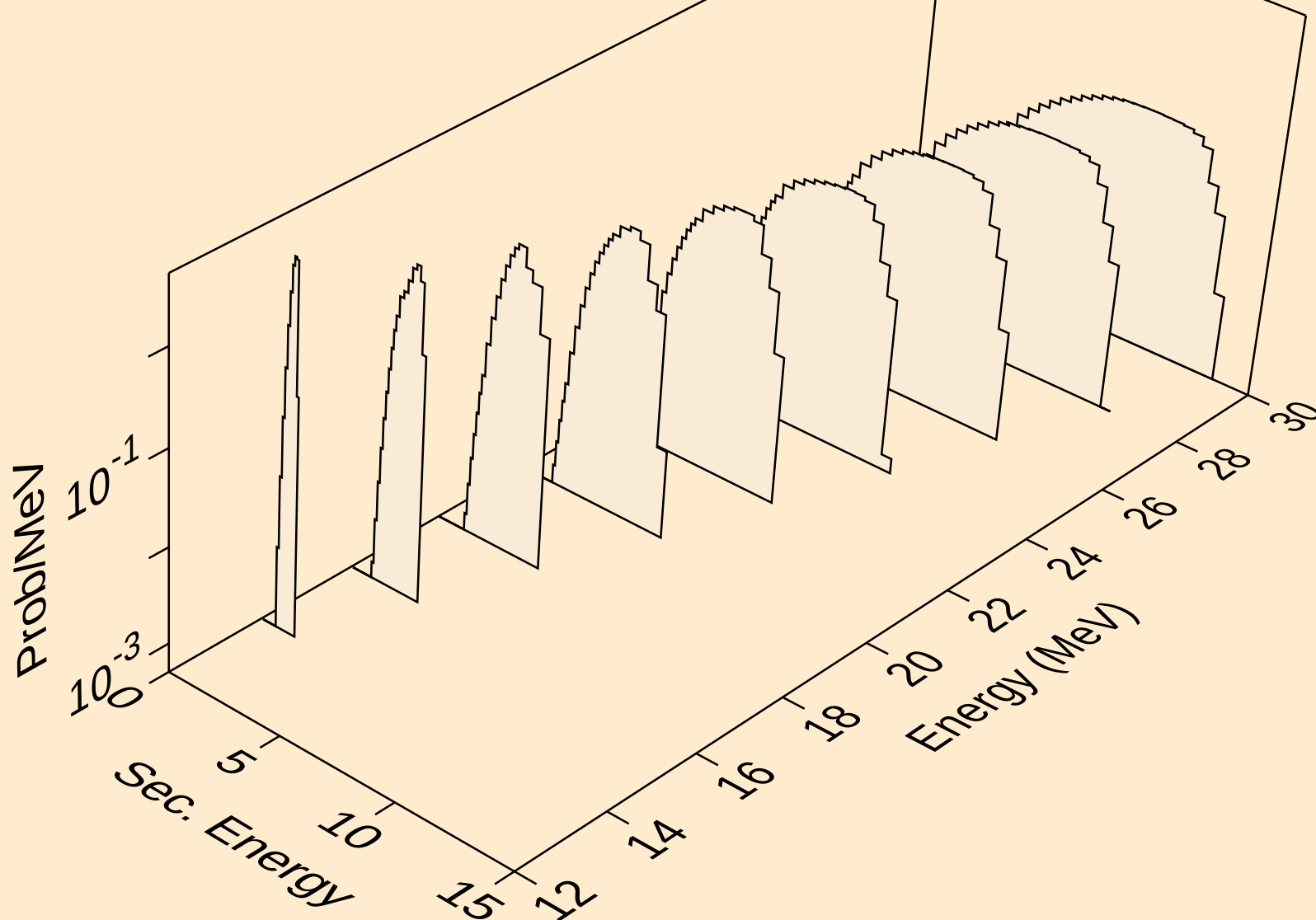
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



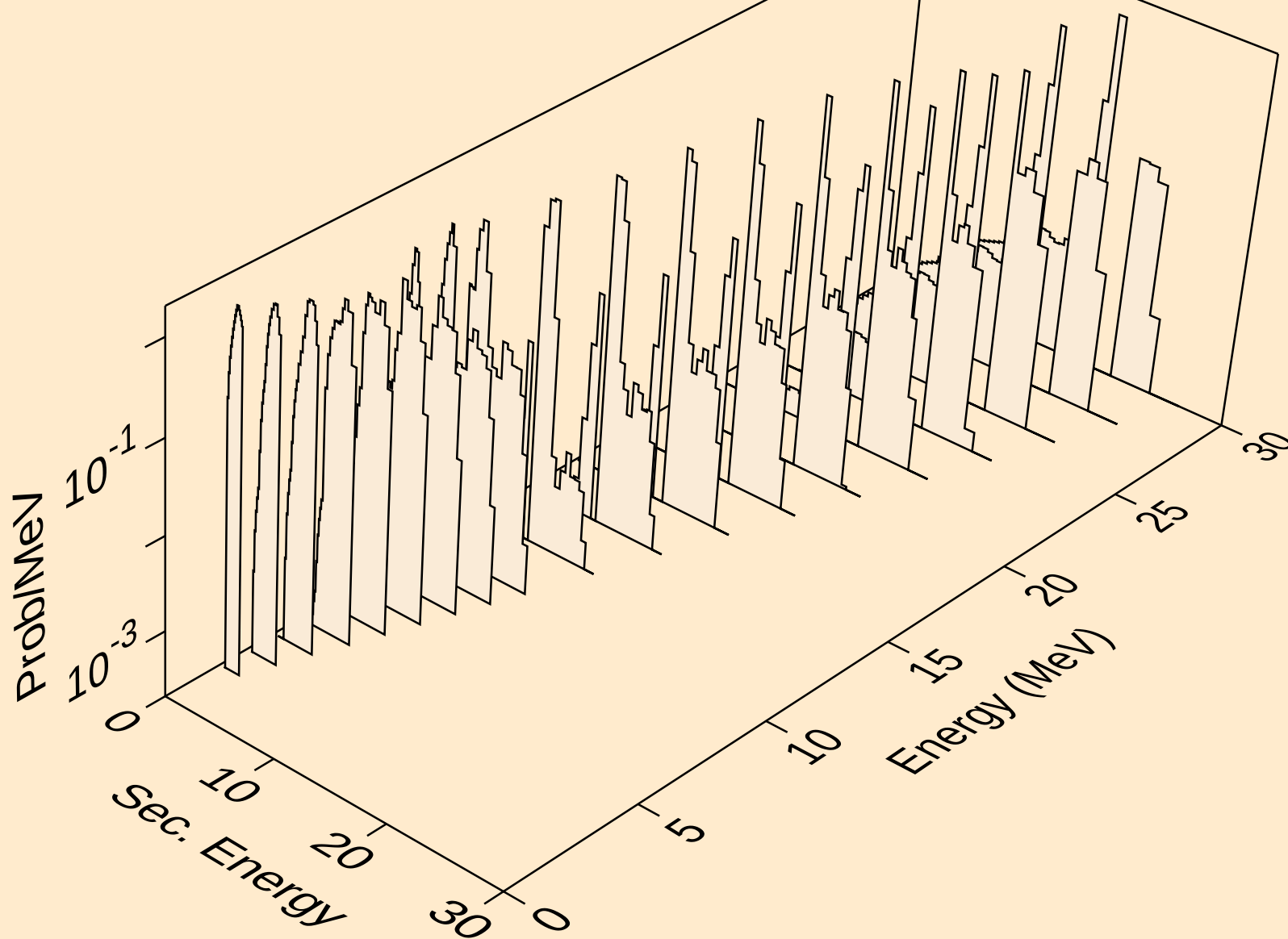
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
He-3 emission for (s,x)



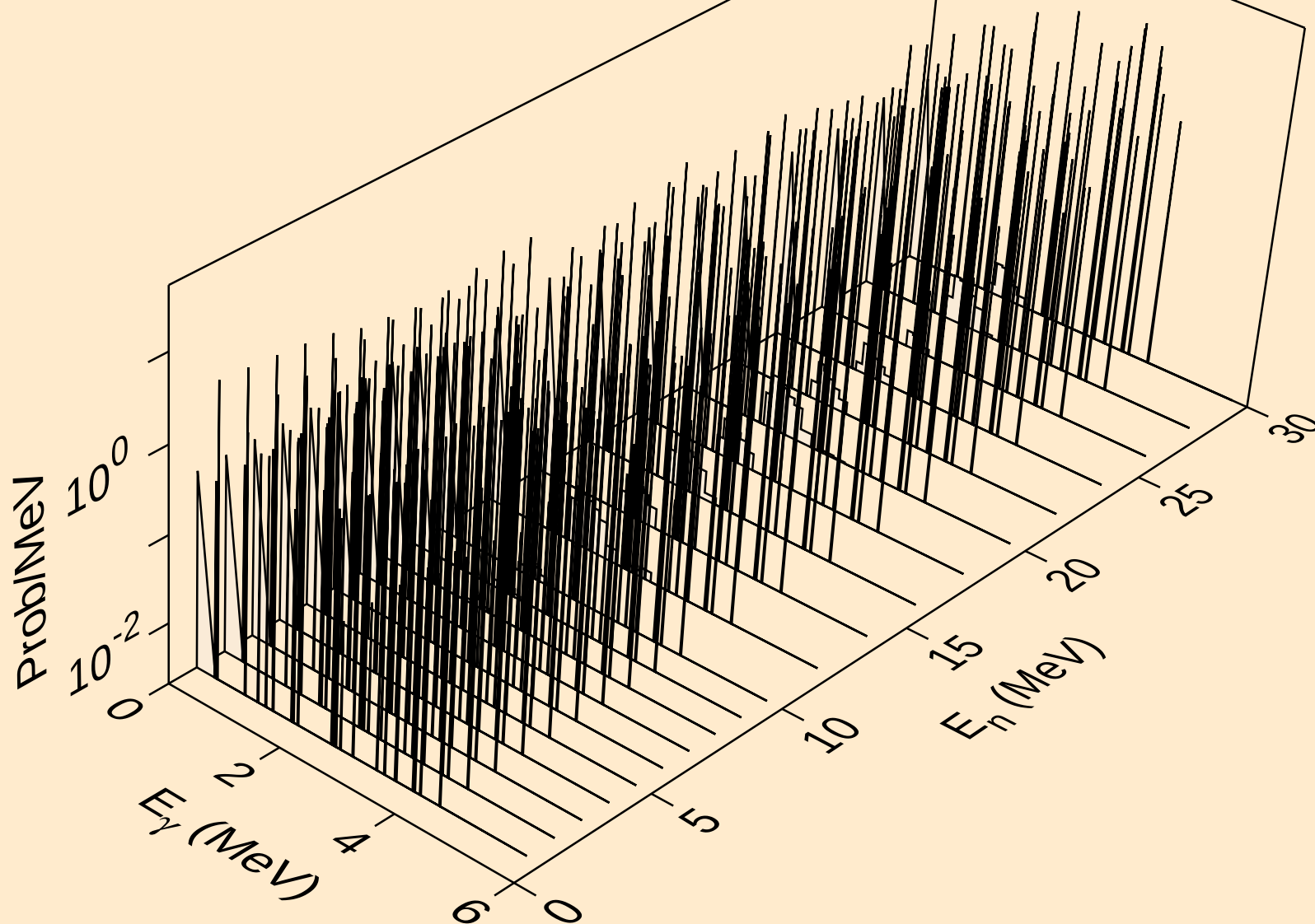
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
He-3 emission for (s,n*)he3



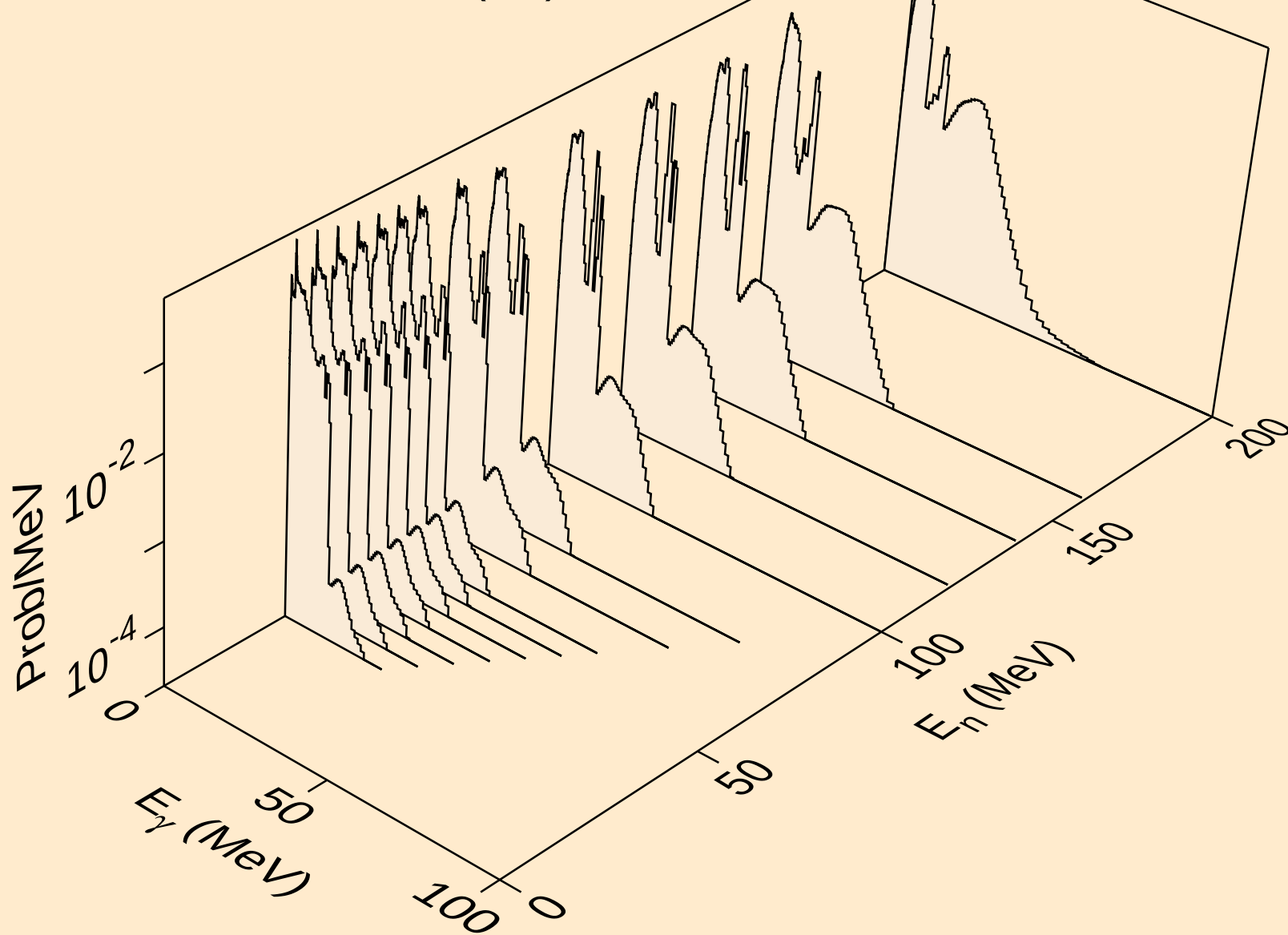
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
He-3 emission for inelastic



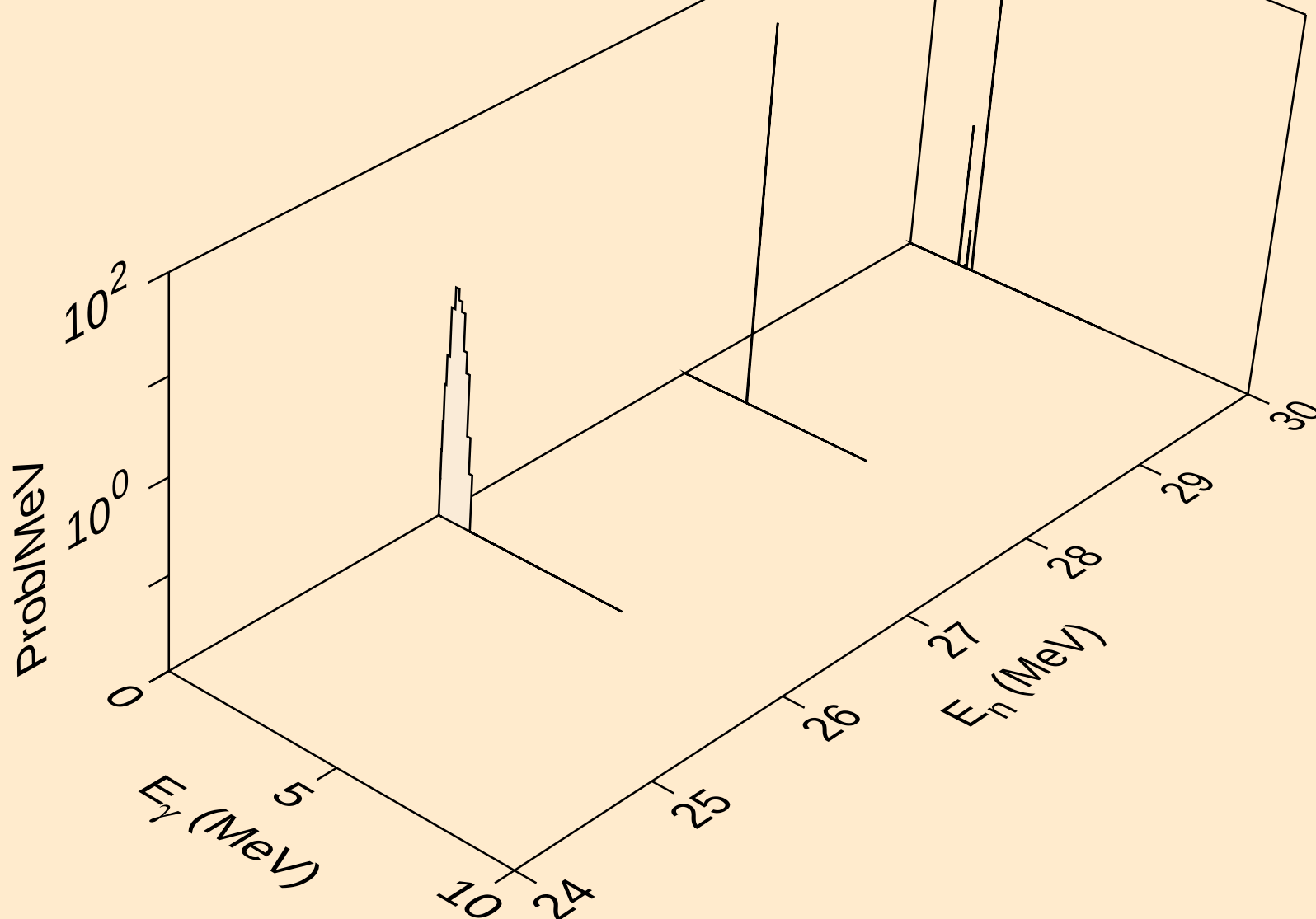
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (z,n)



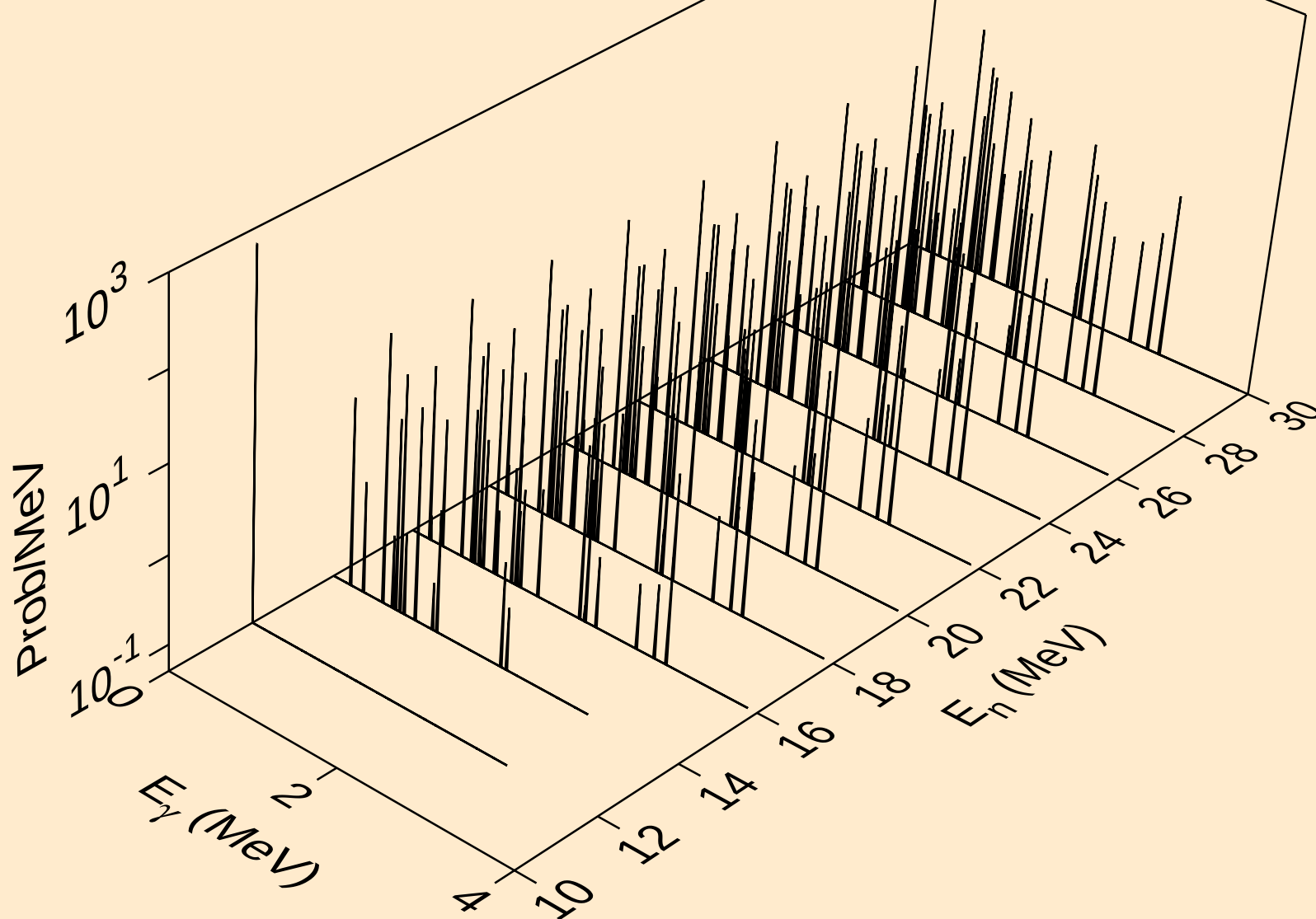
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (z,x)



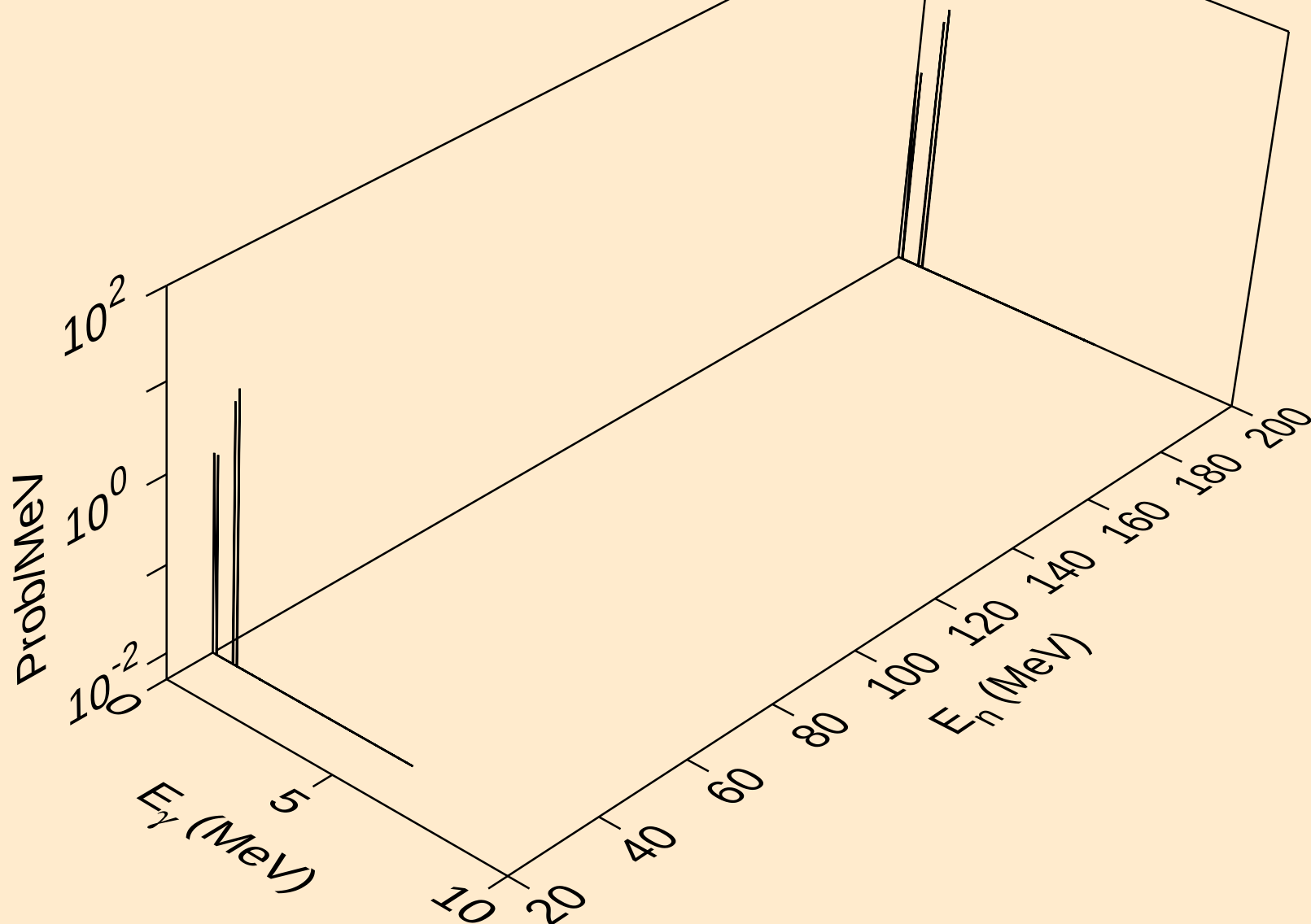
F019 HELION ACER TENDL-2023 LIBRARY: T=0.K
Photon emission for (n,2nd)



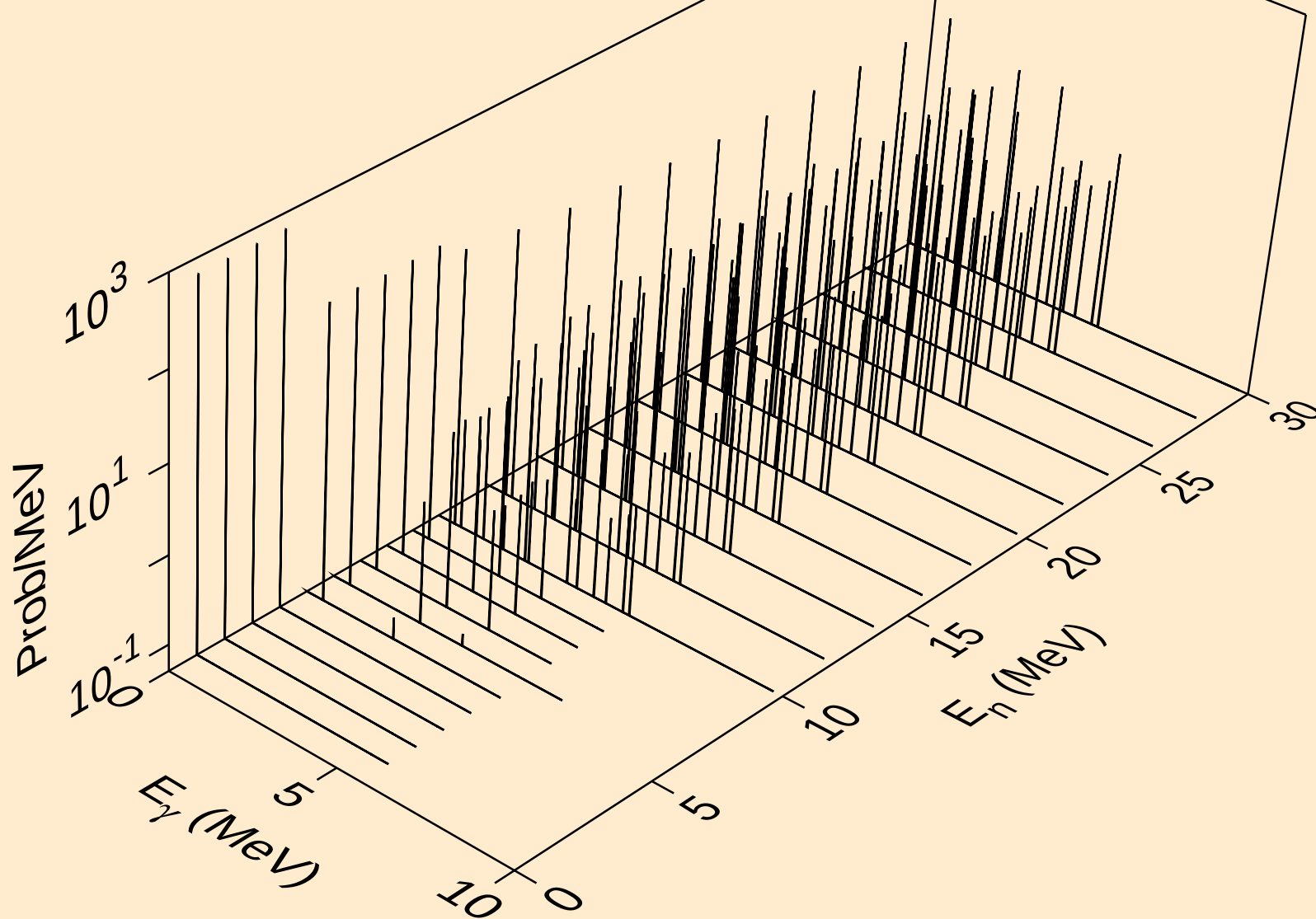
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)



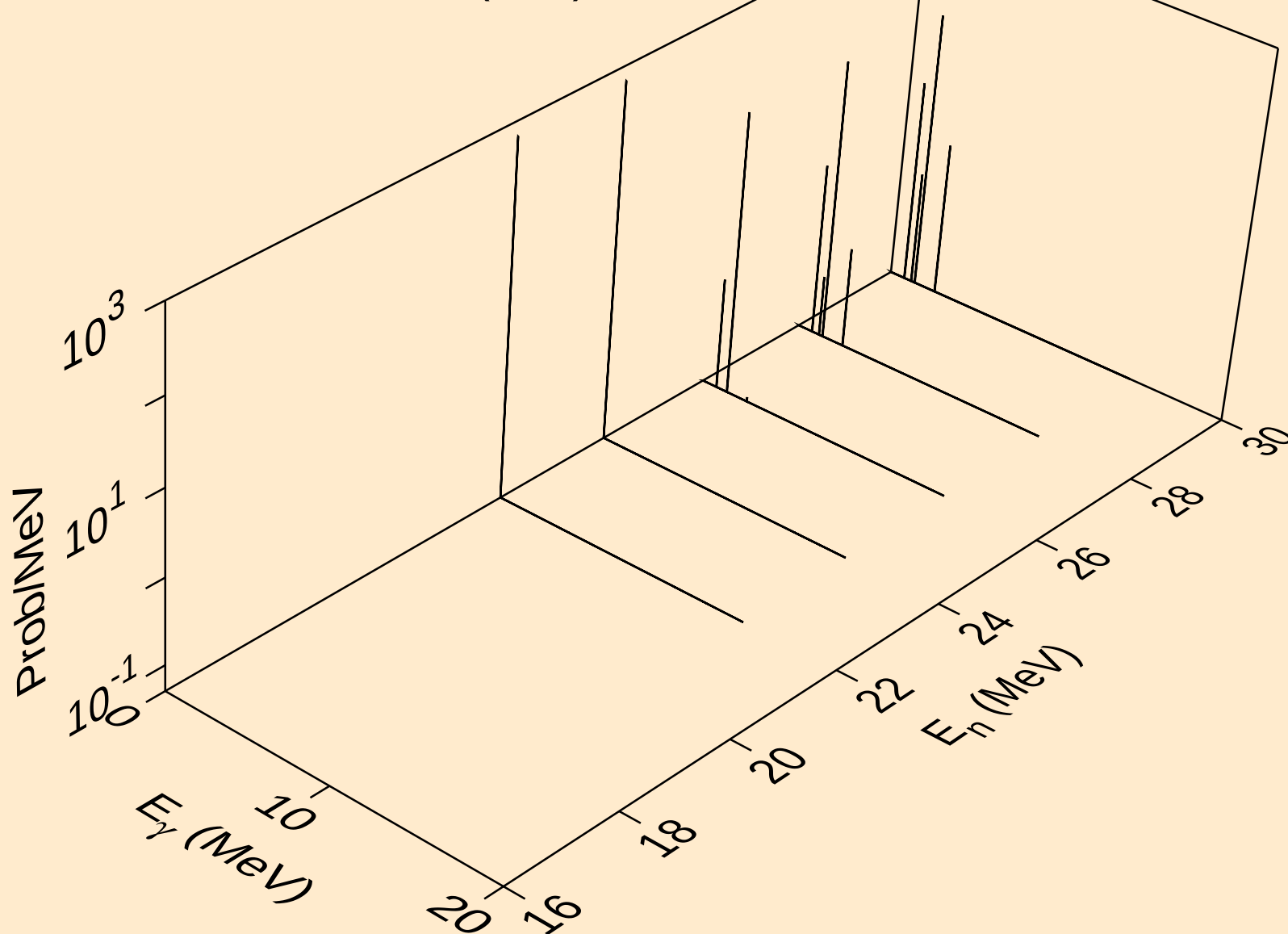
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)



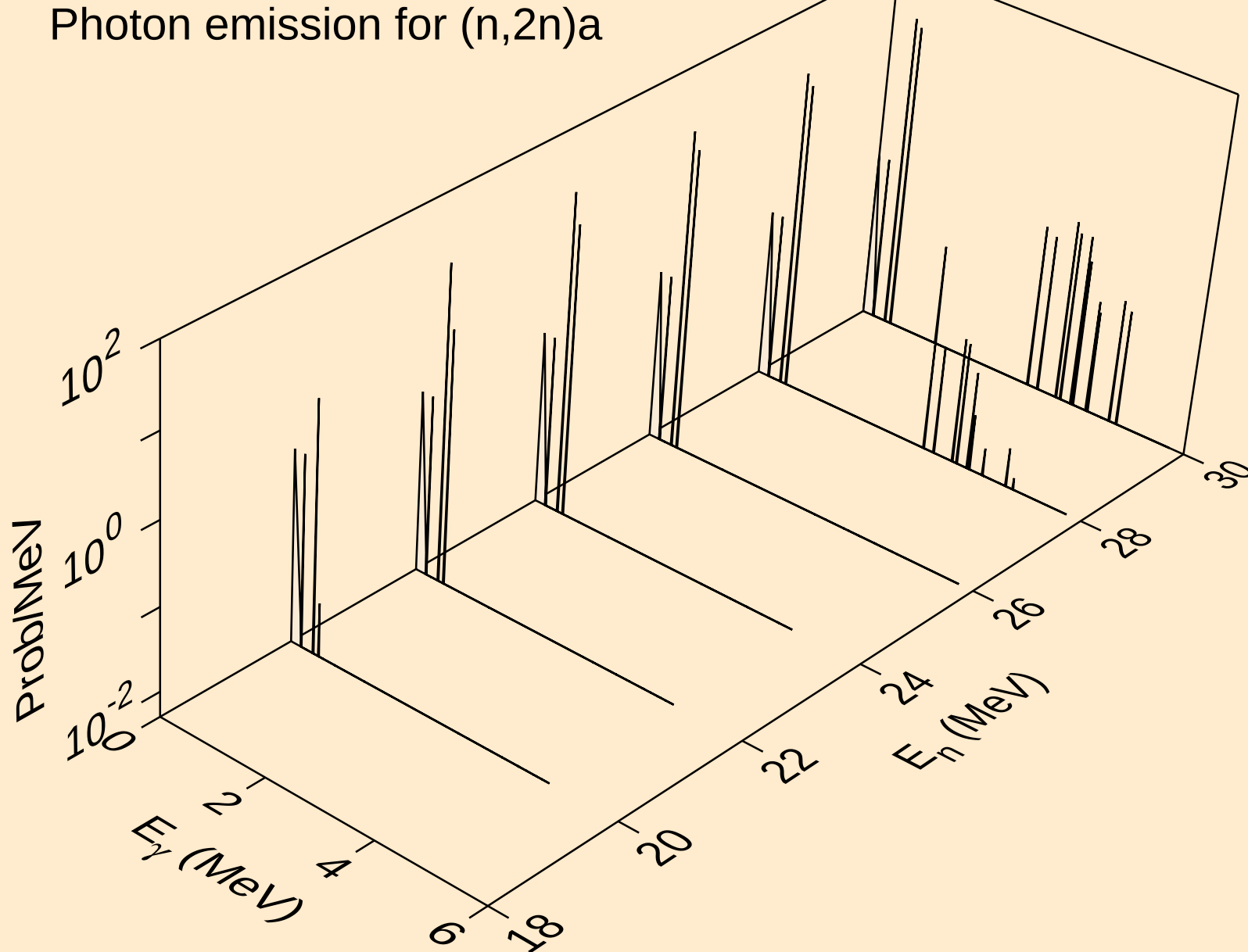
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)a



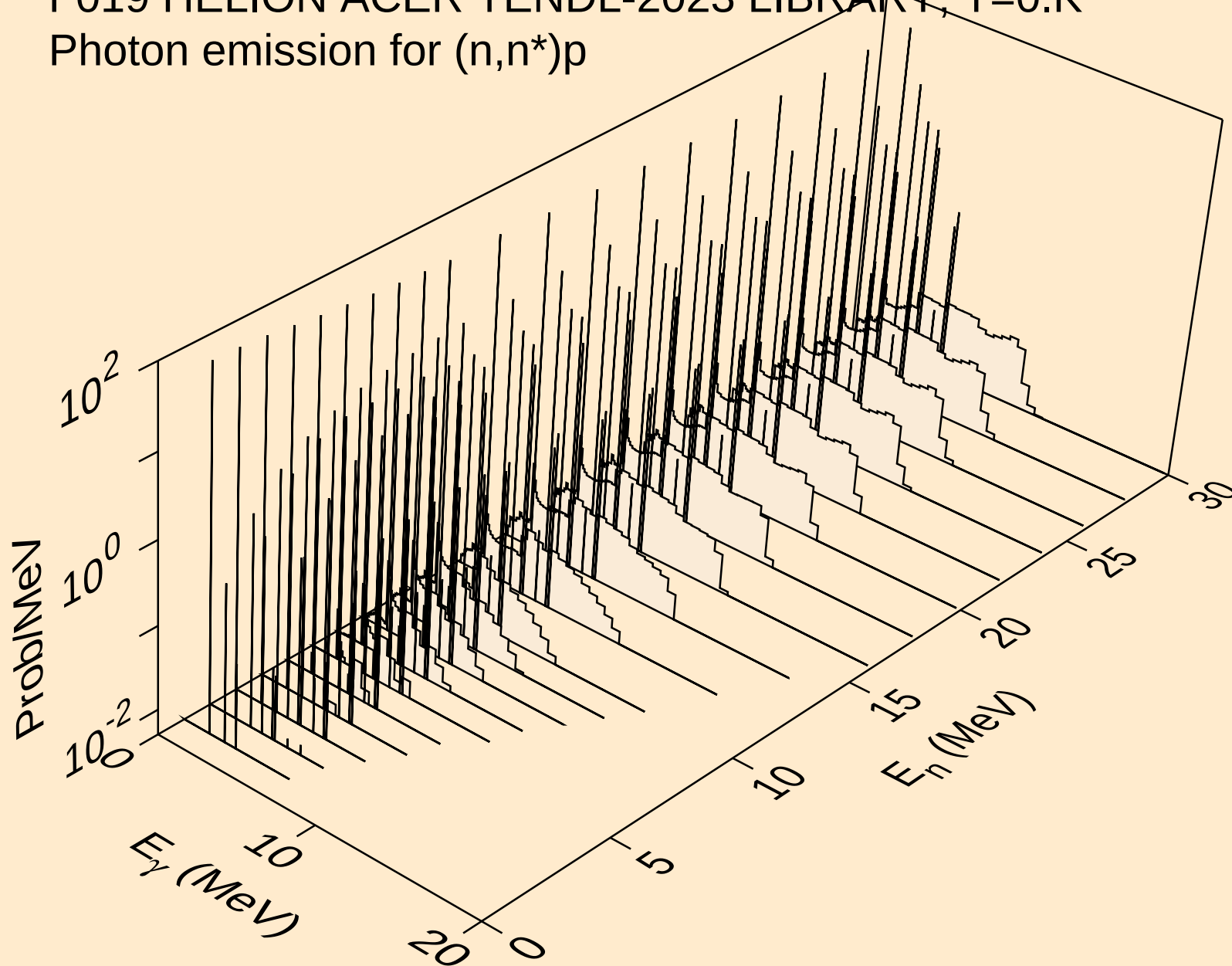
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)3a



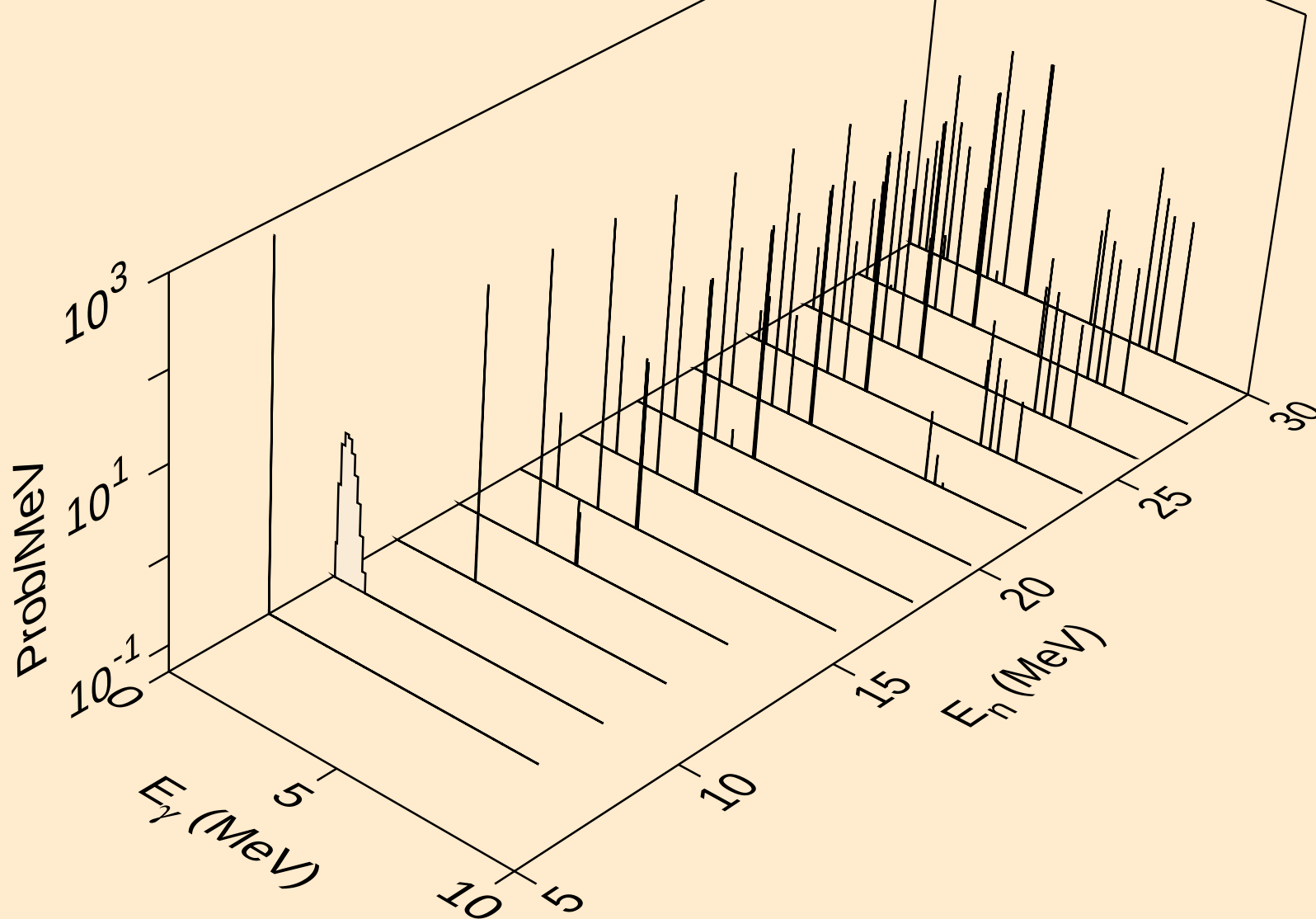
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n) α



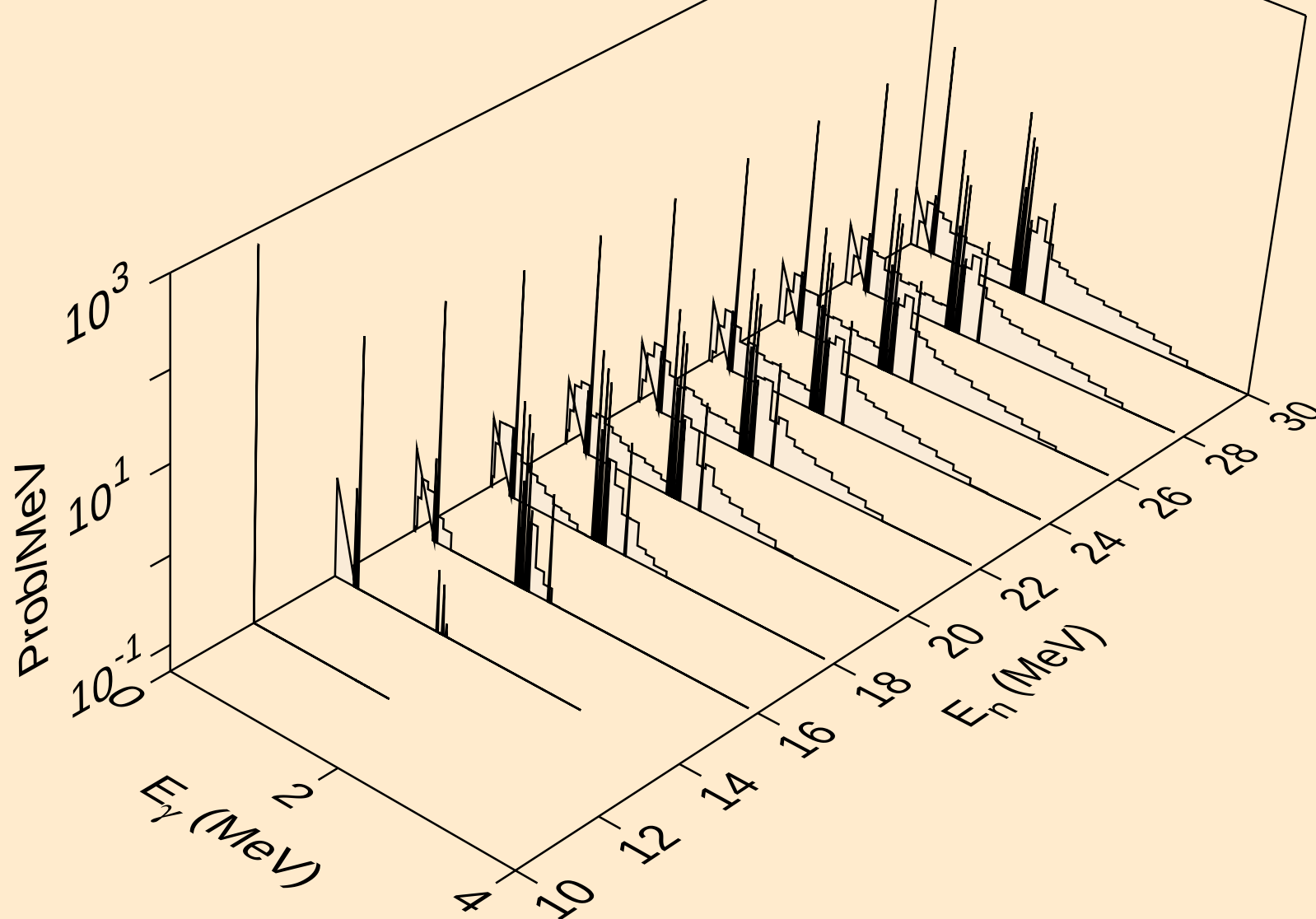
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)p



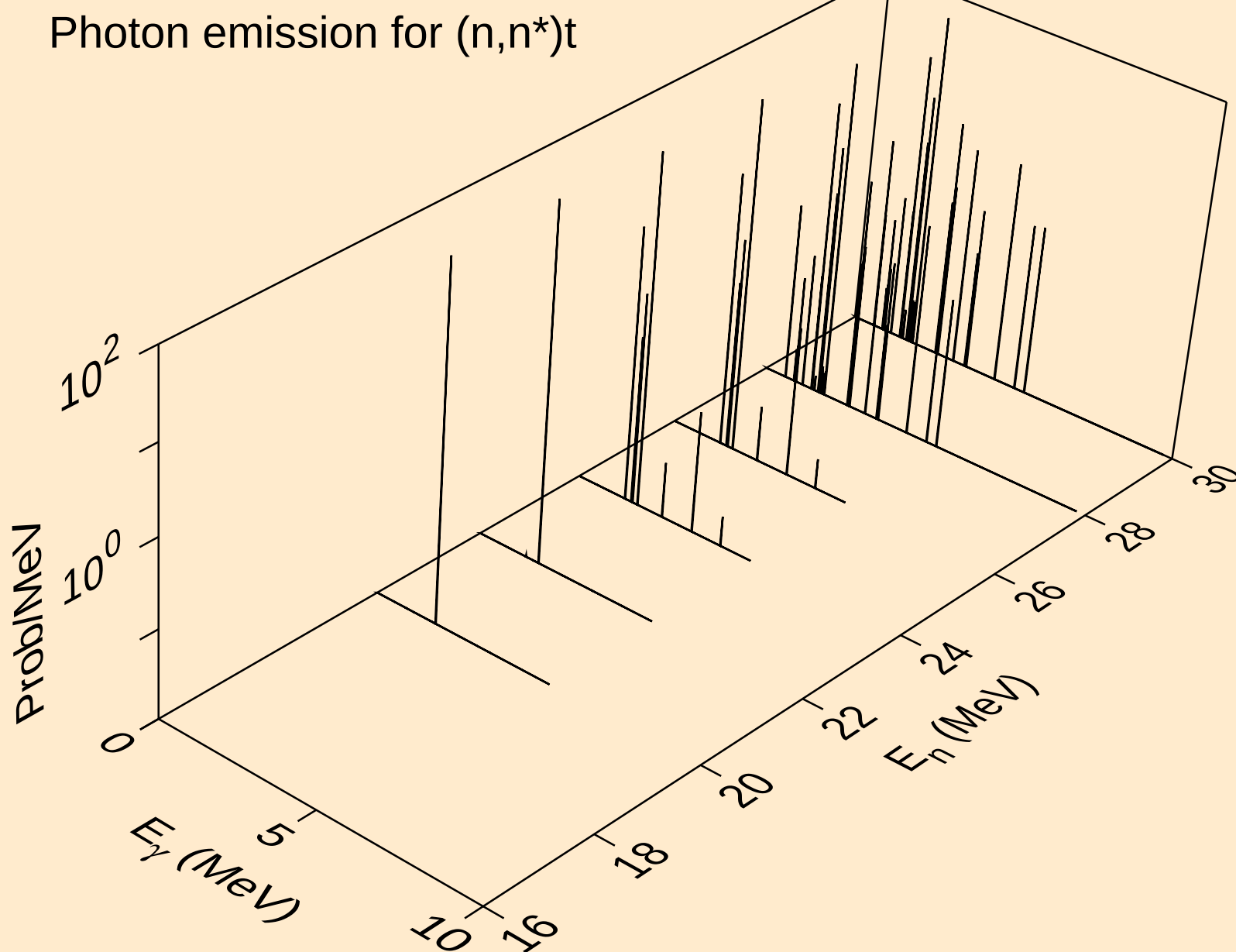
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)2a



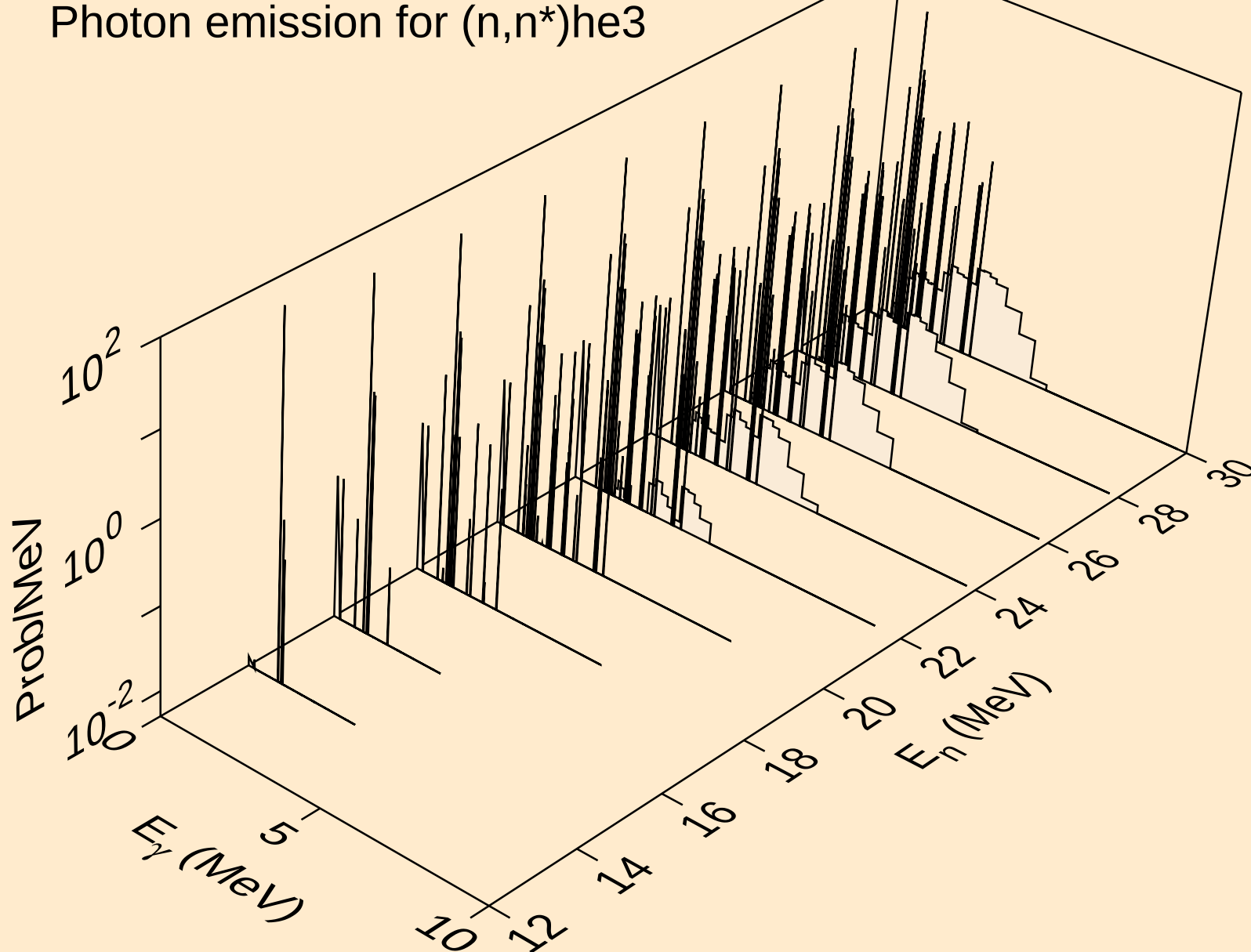
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)d



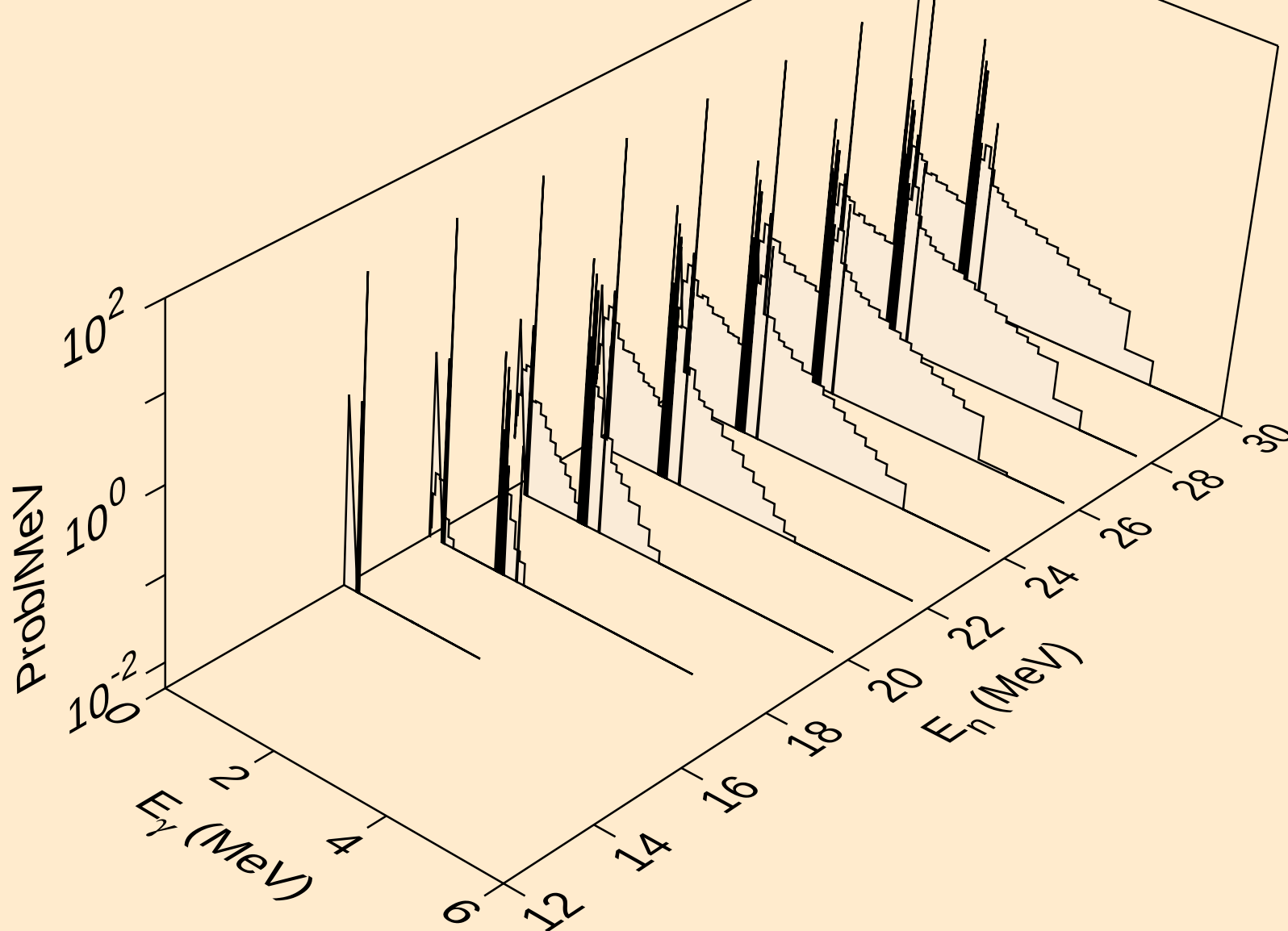
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)t



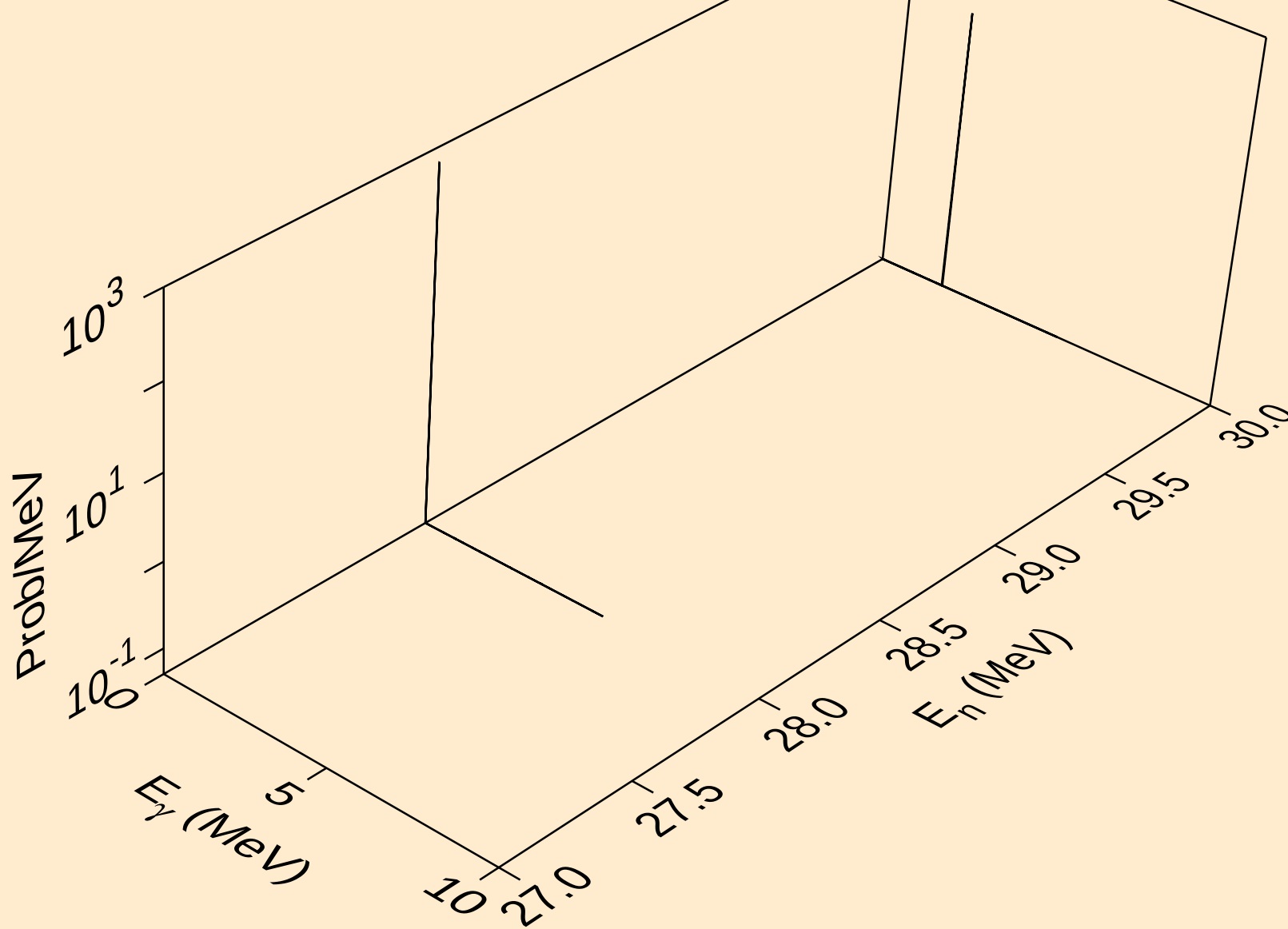
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)he3



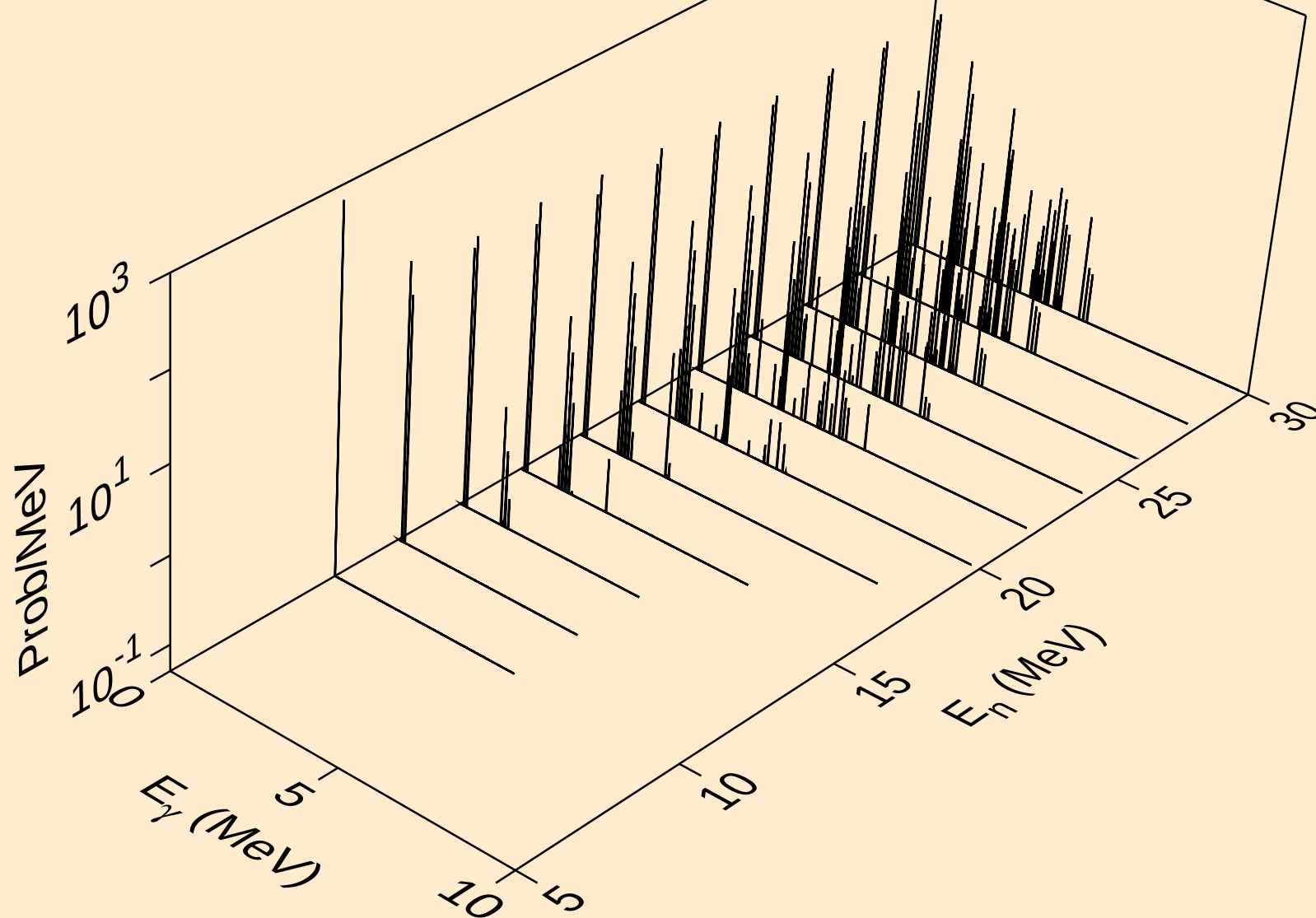
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2np)



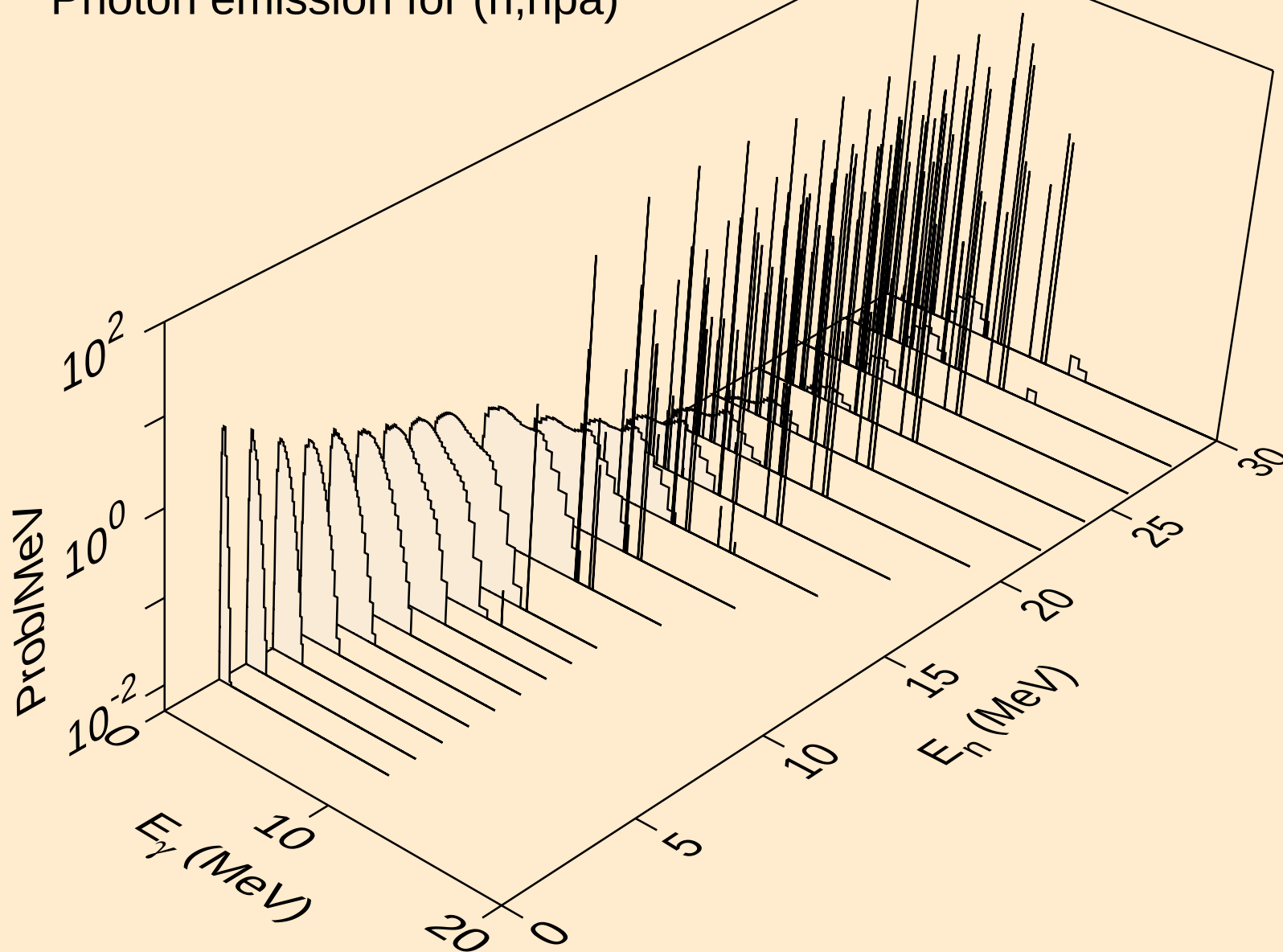
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3np)



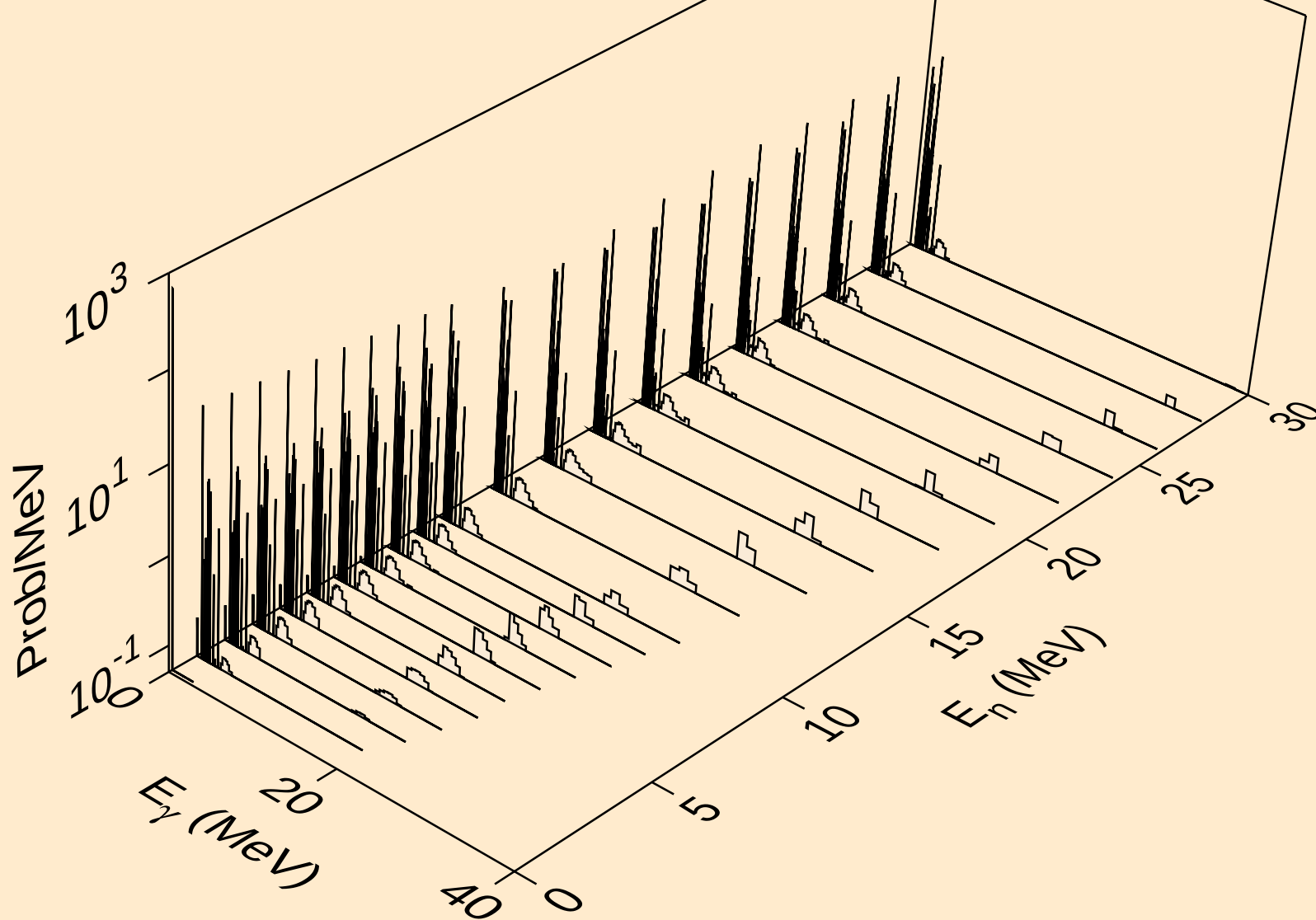
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n2p)



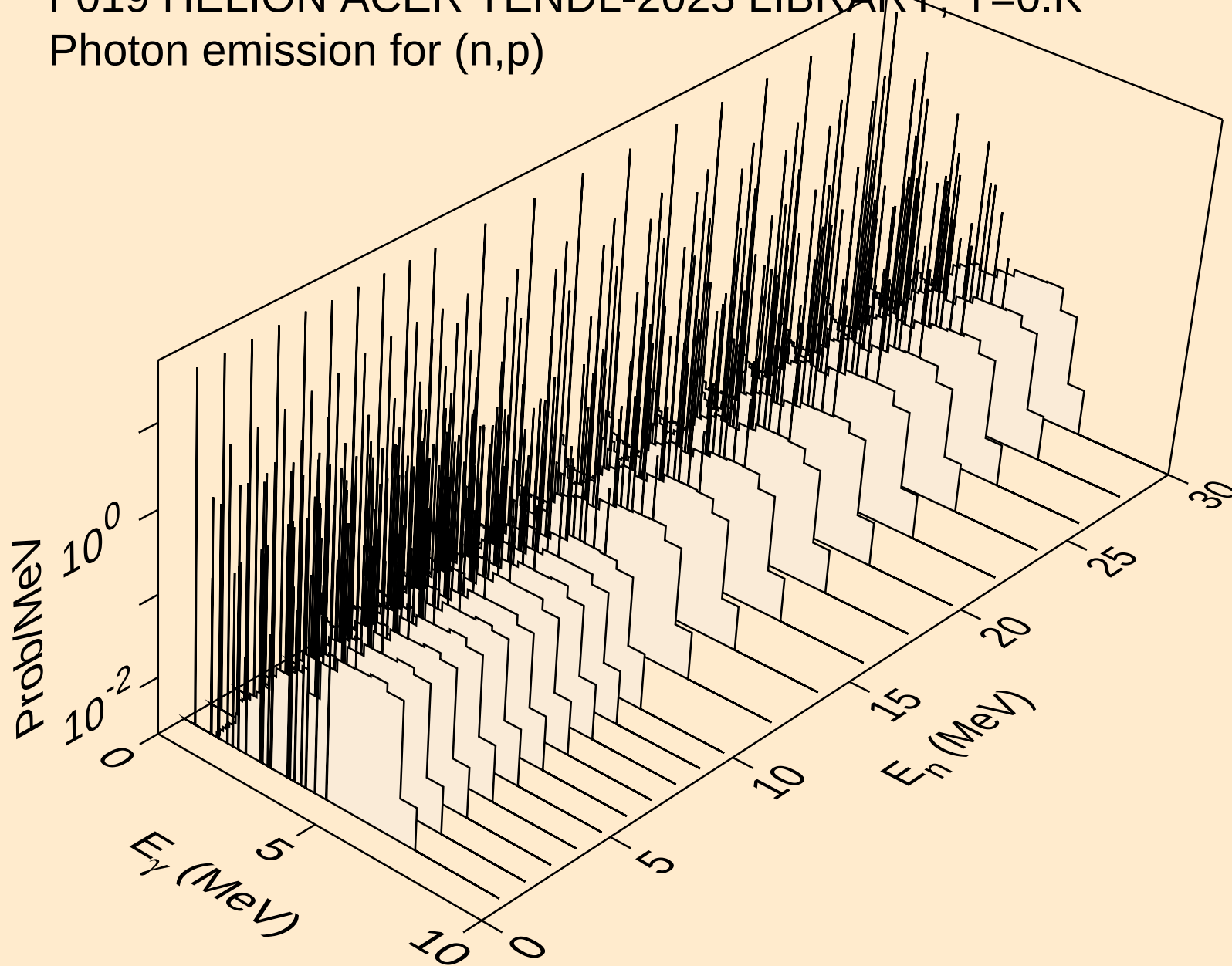
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,npa)



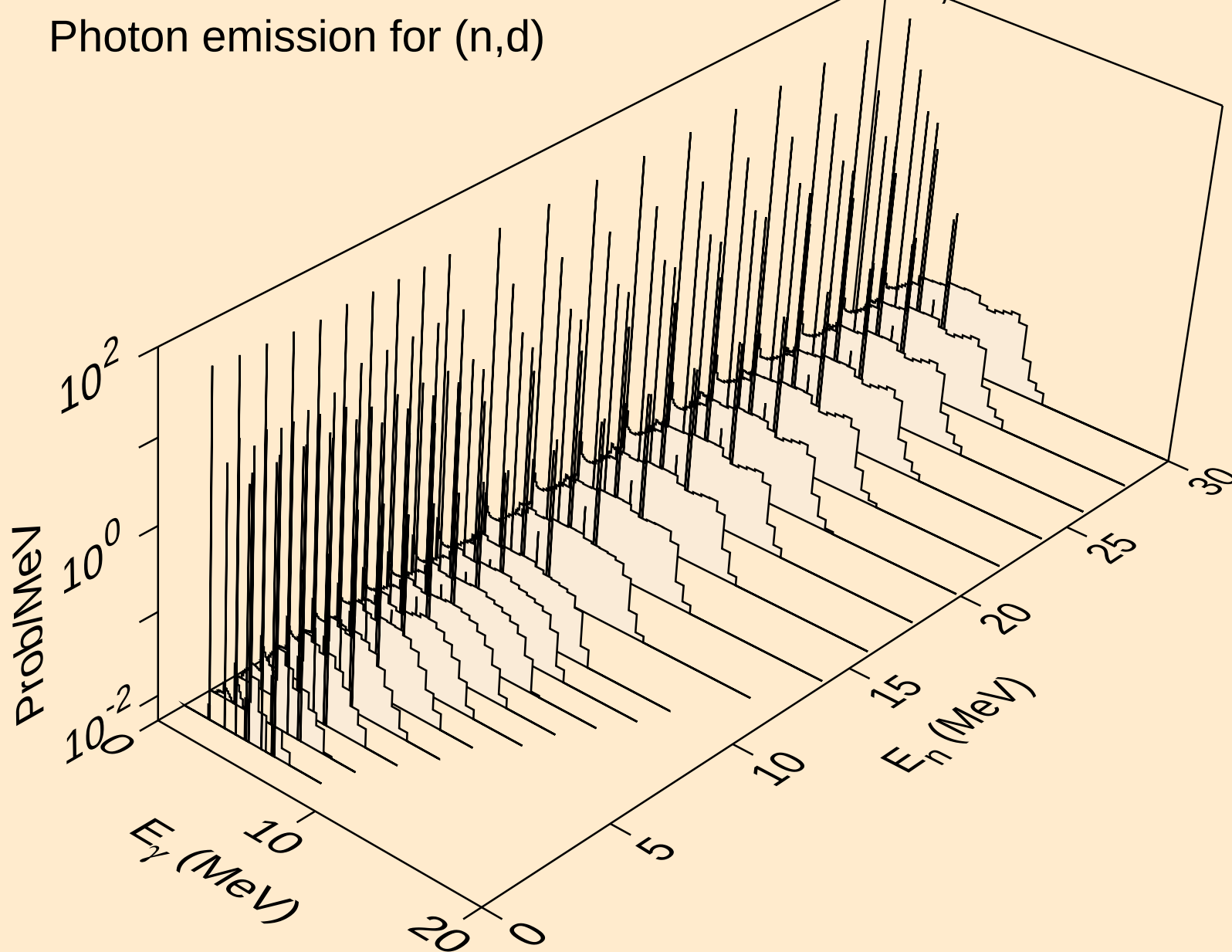
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



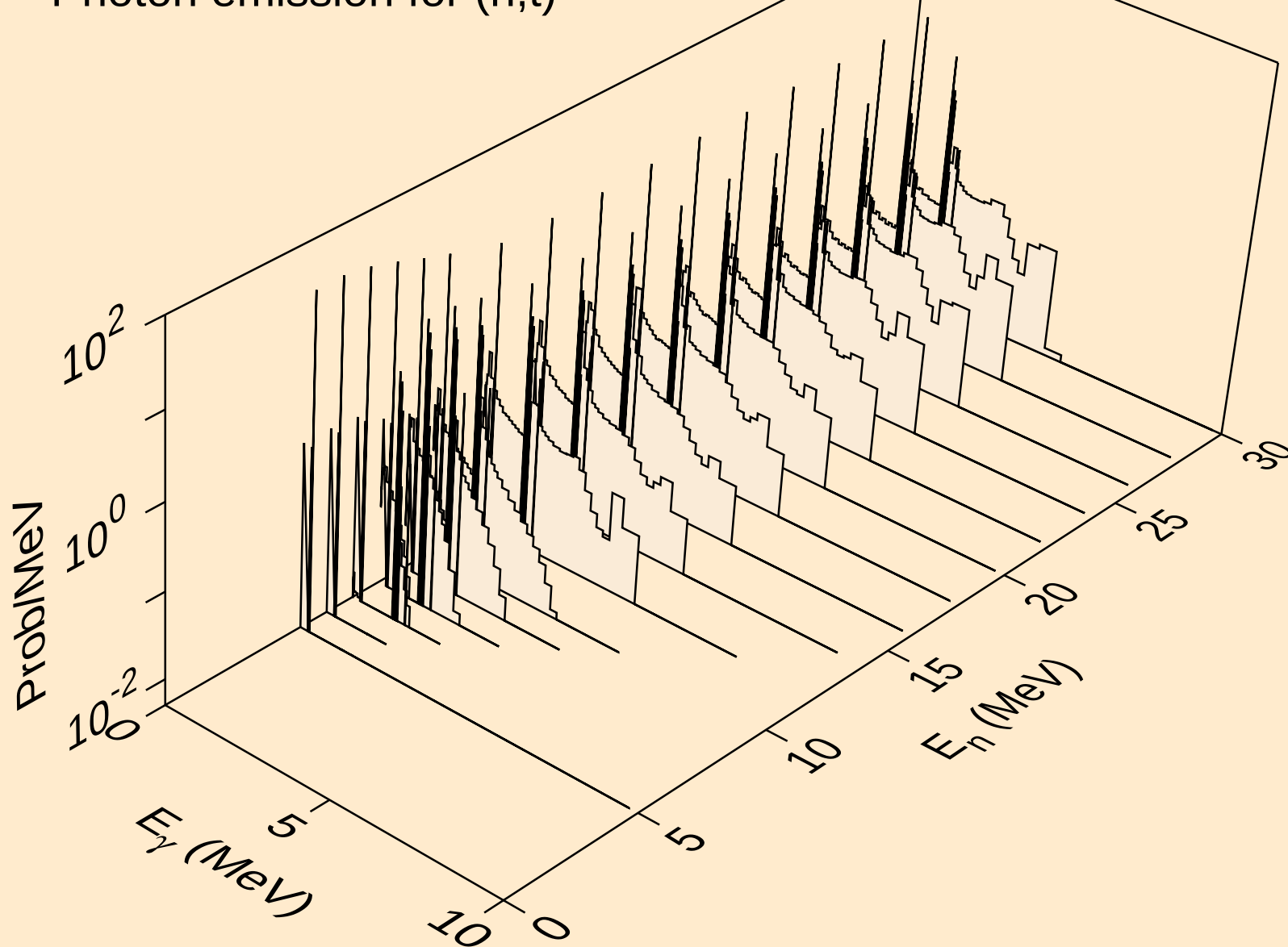
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p)



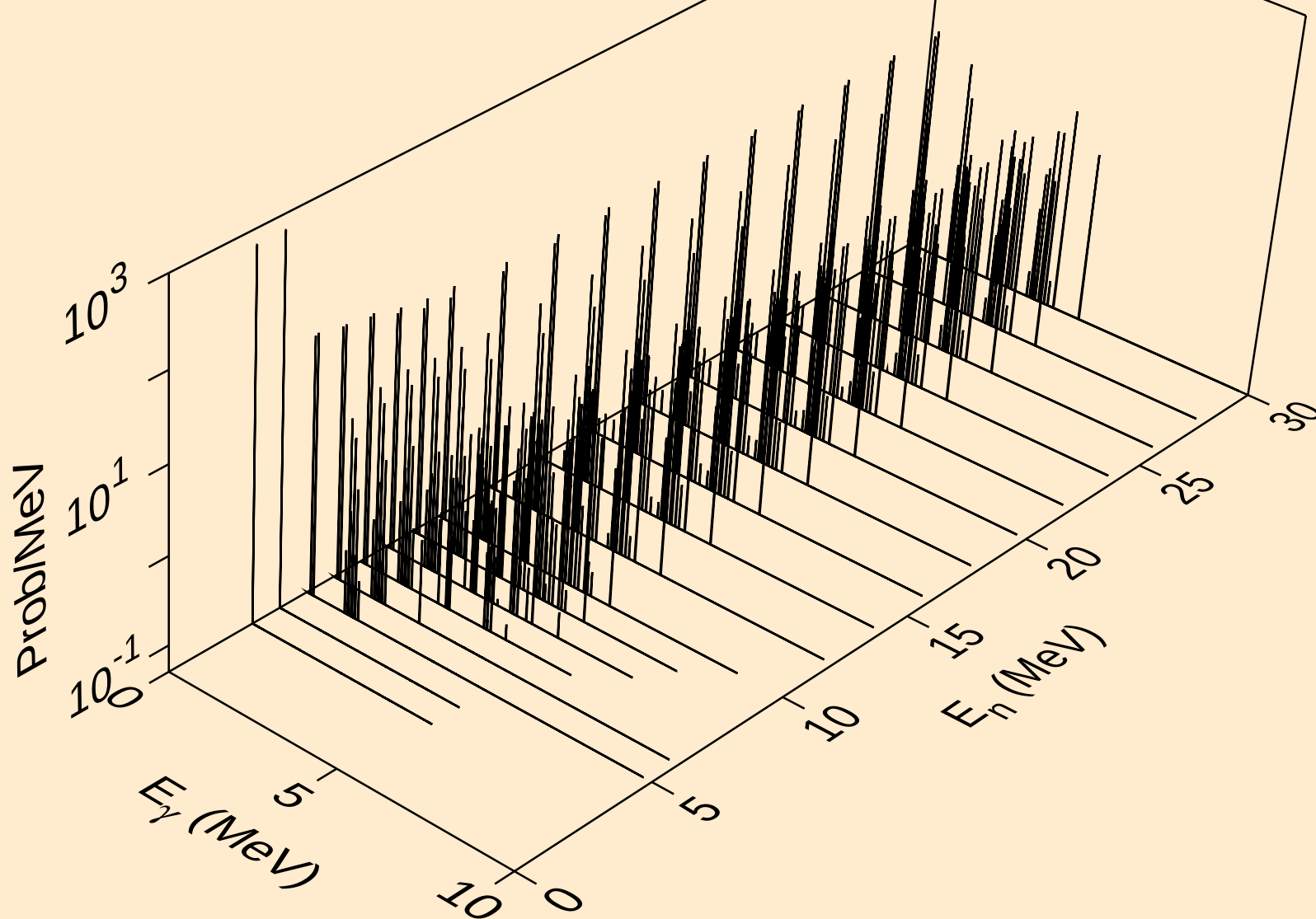
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)



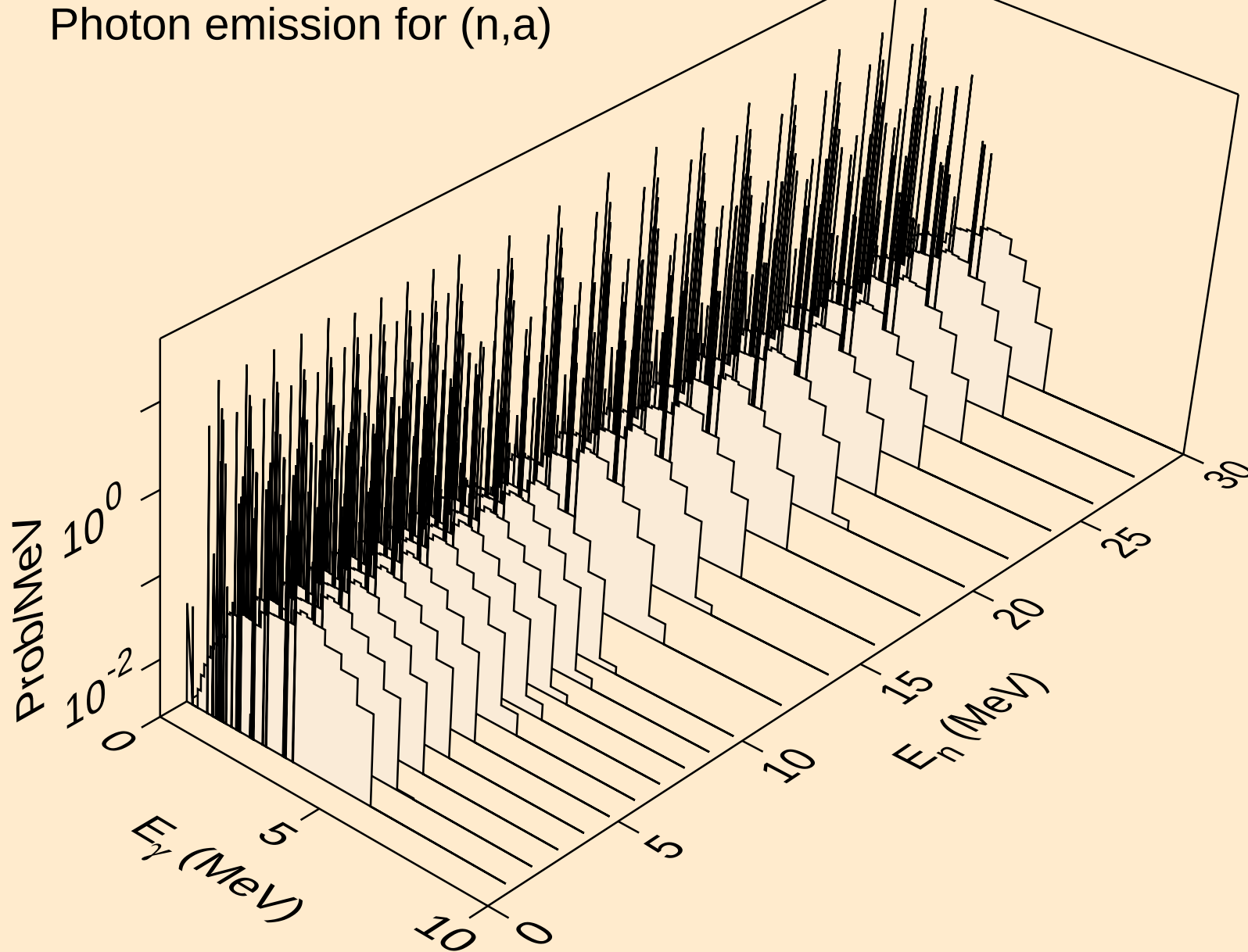
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)



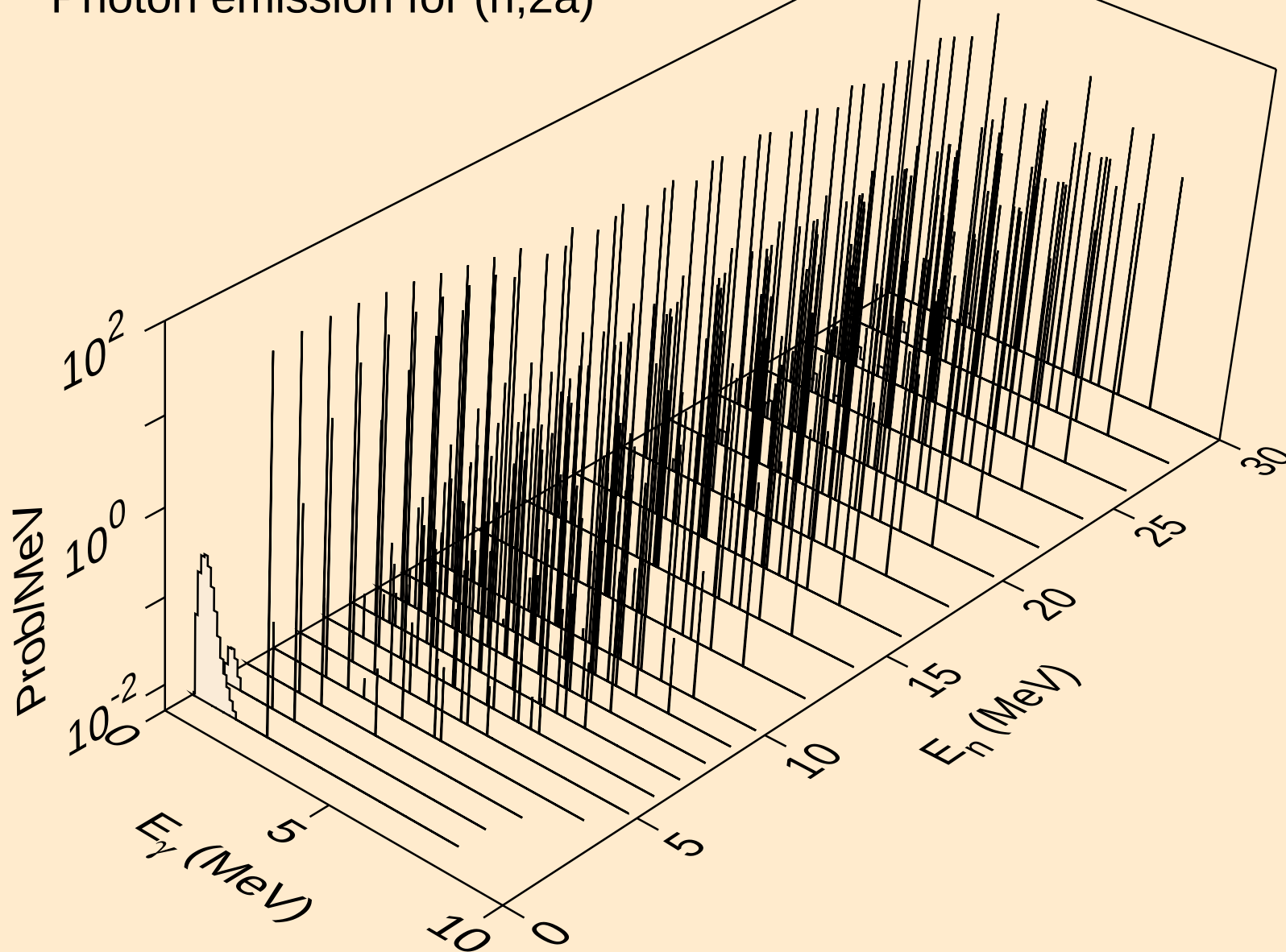
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for inelastic



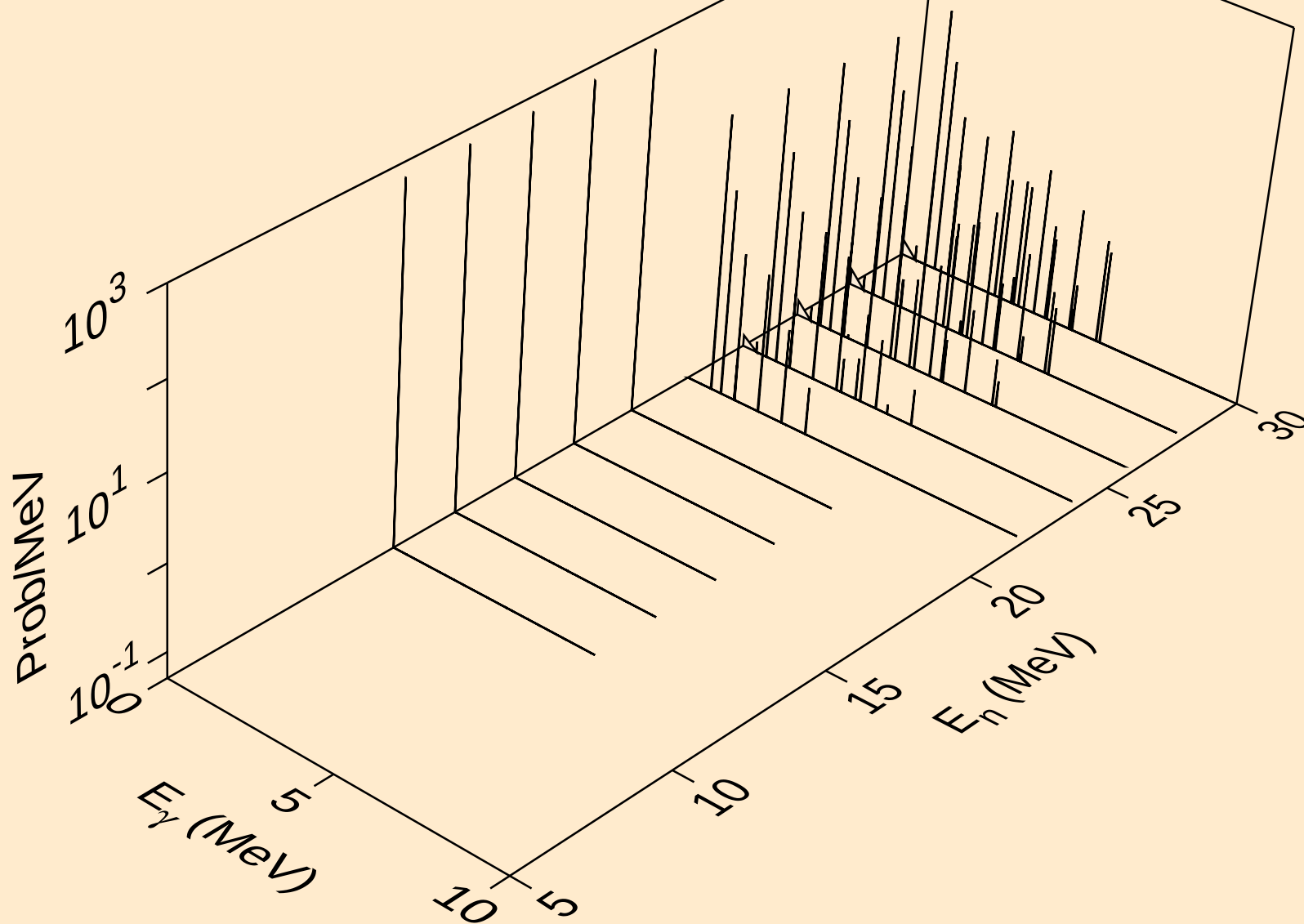
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,a)



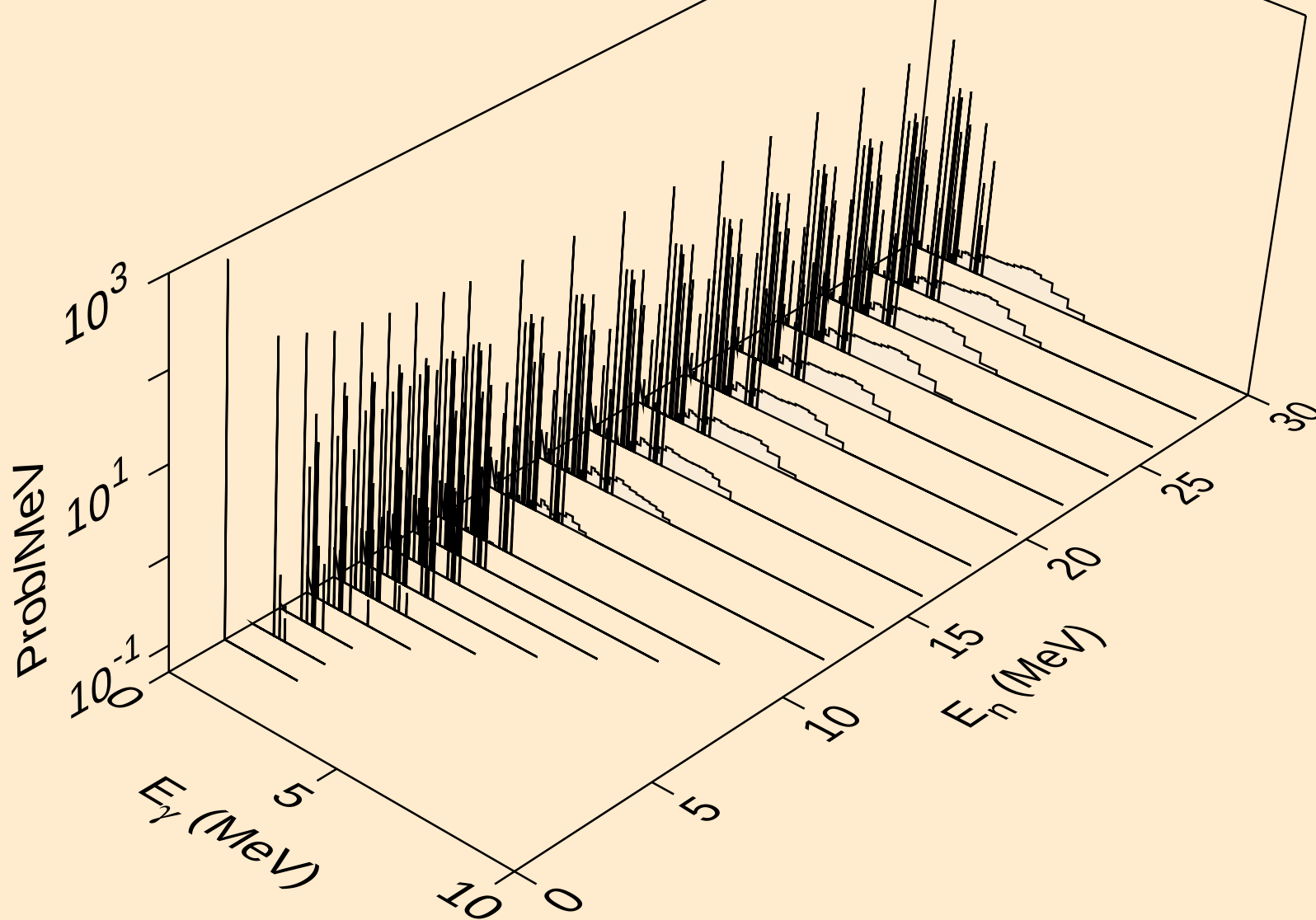
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2a)



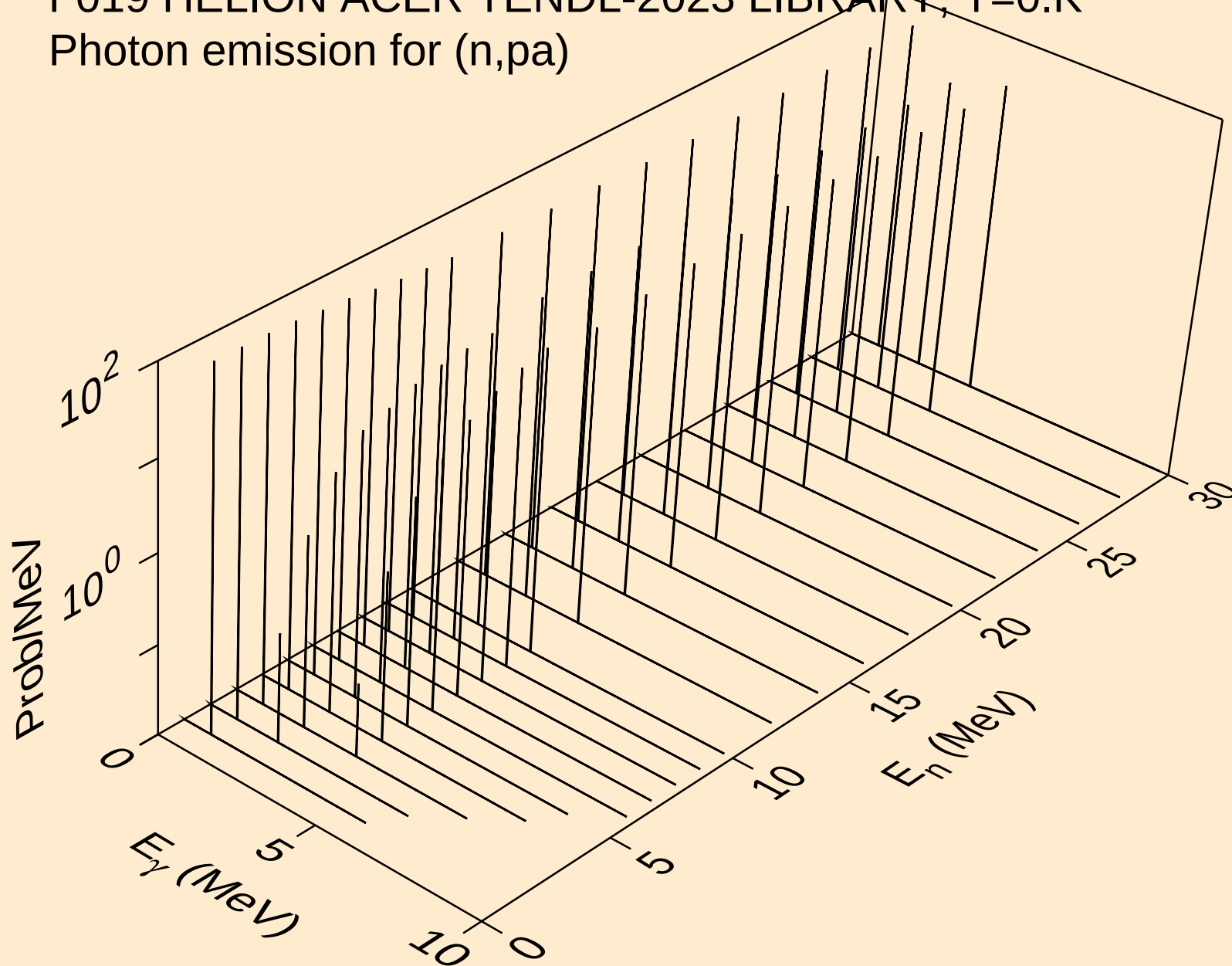
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3a)



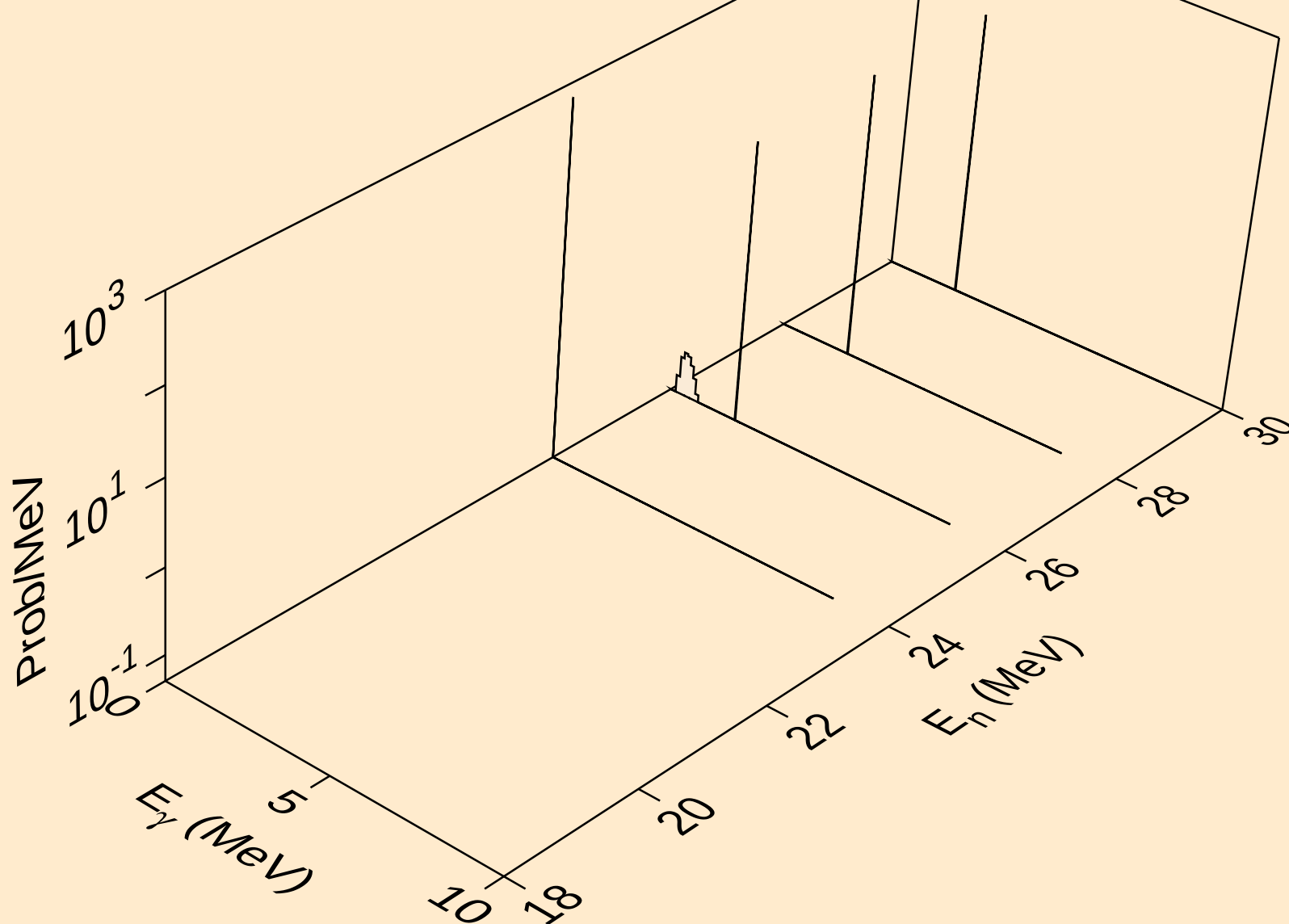
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2p)



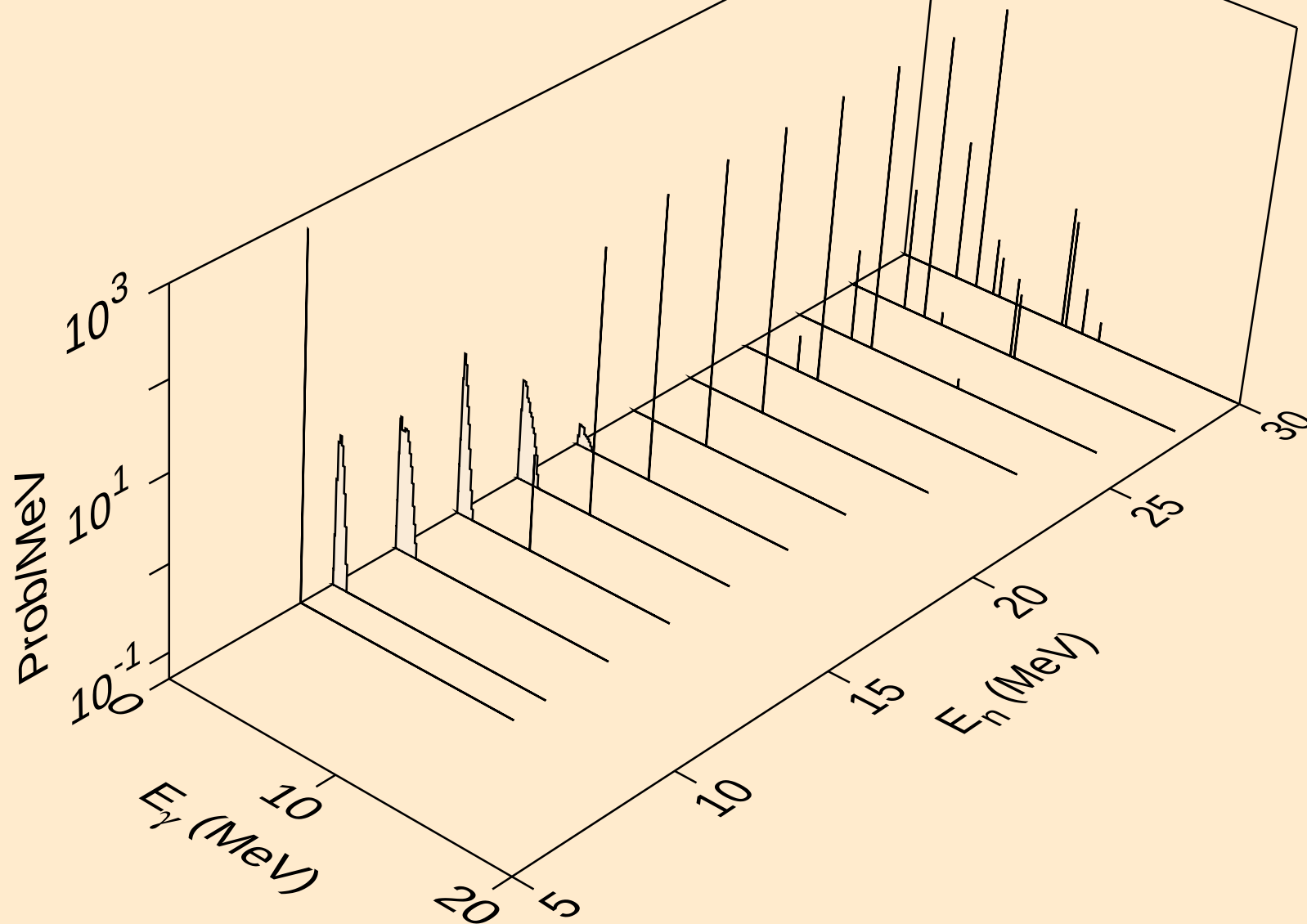
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p α)



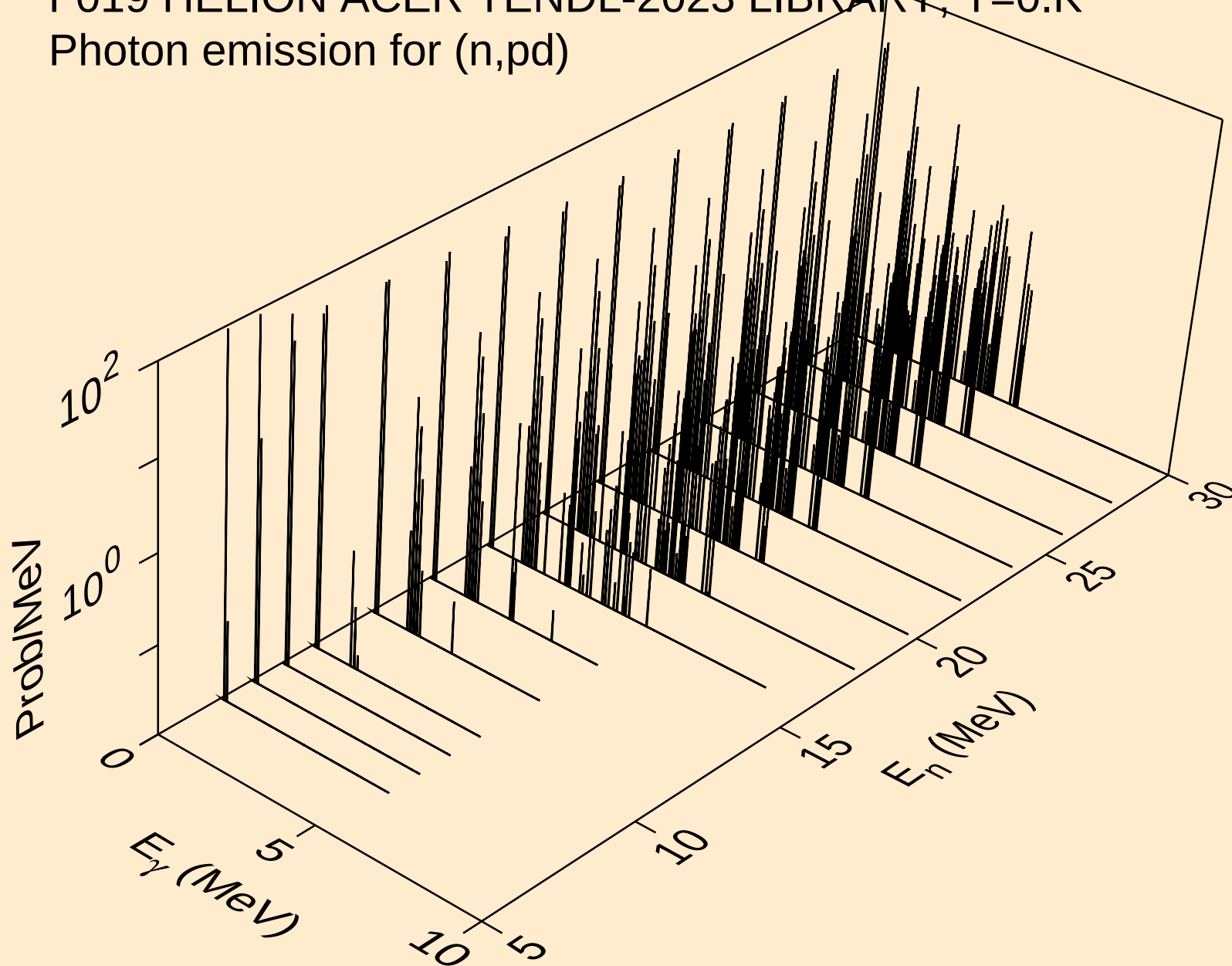
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t2a)



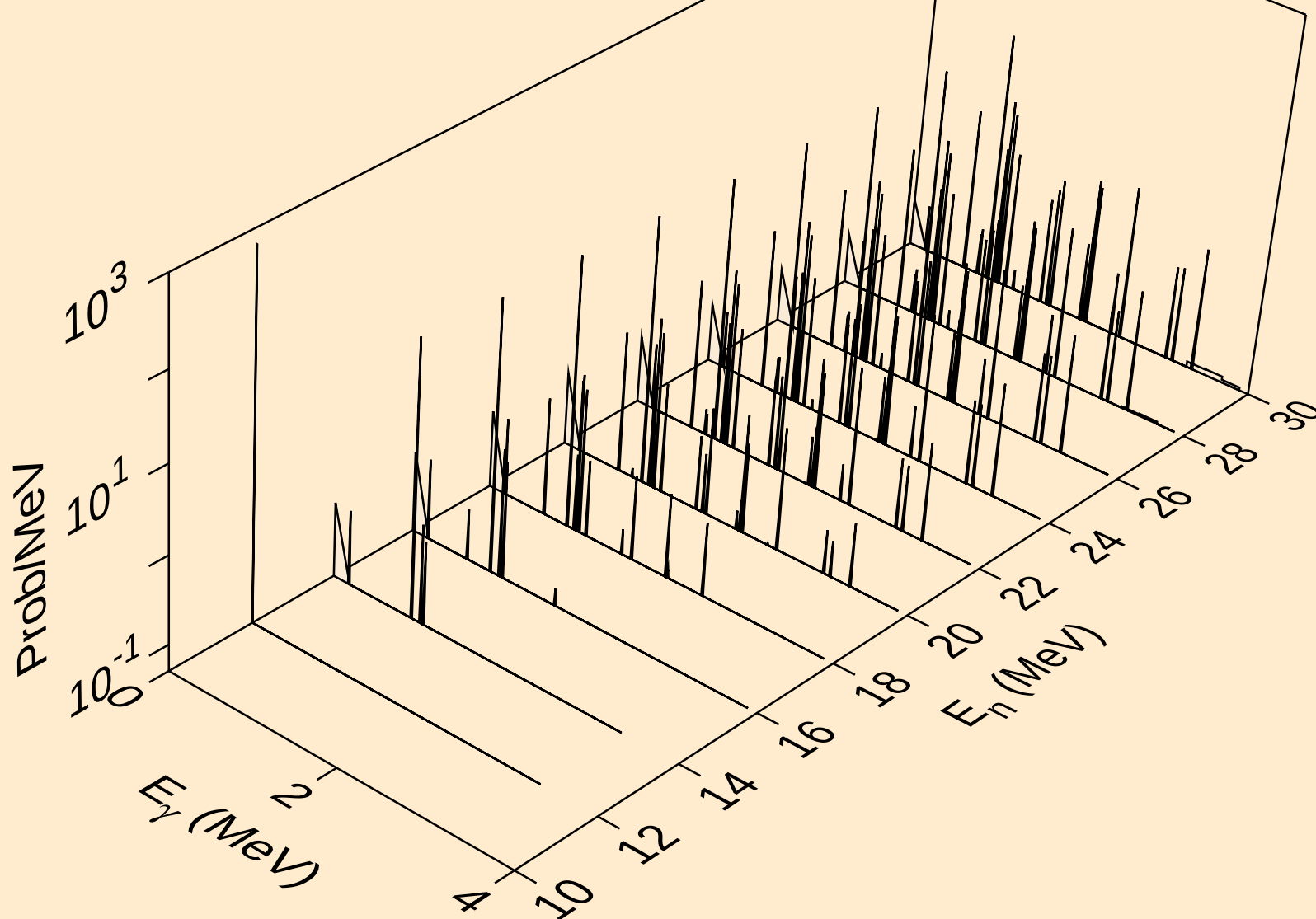
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d2a)



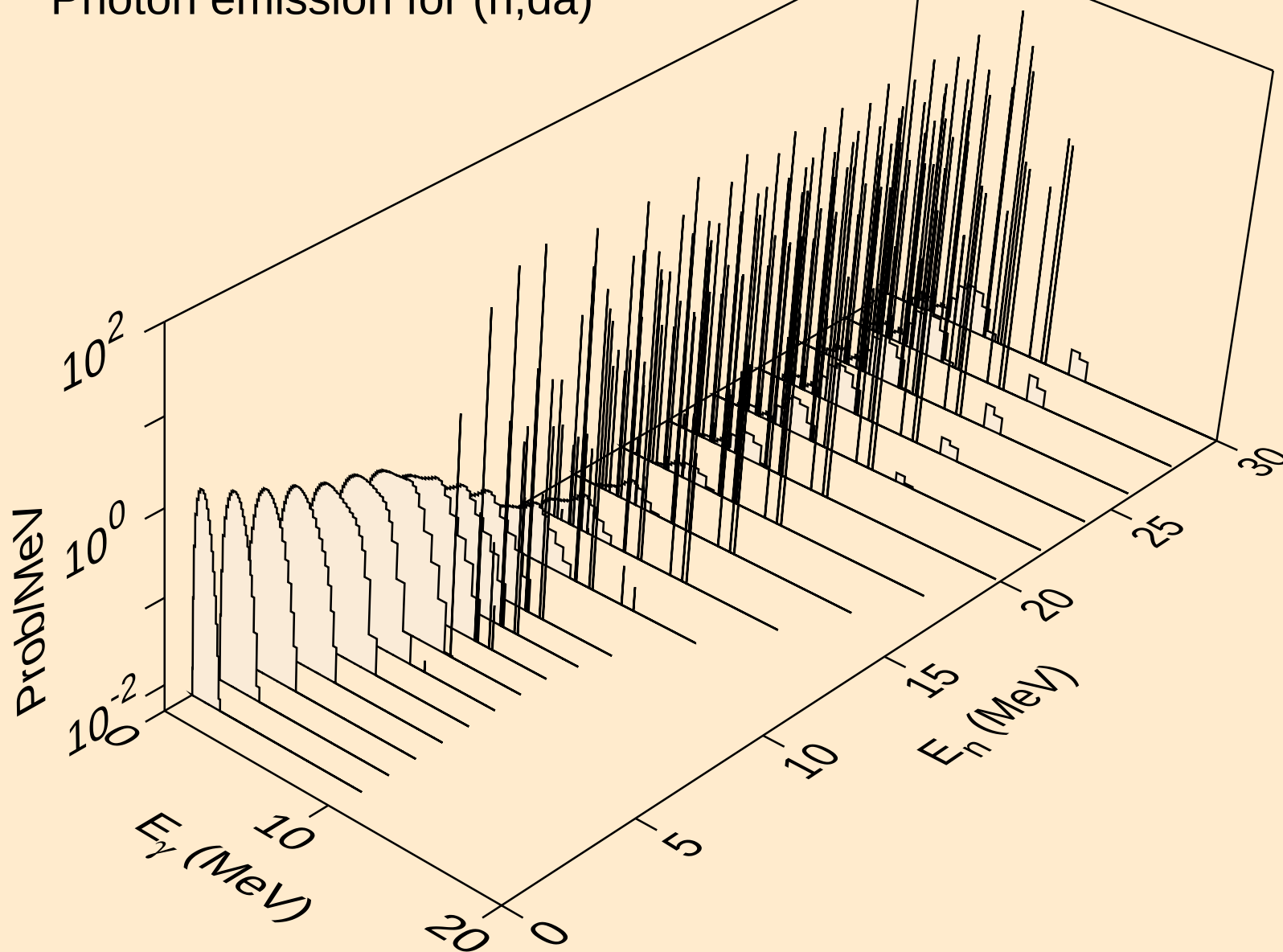
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pd)



F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pt)

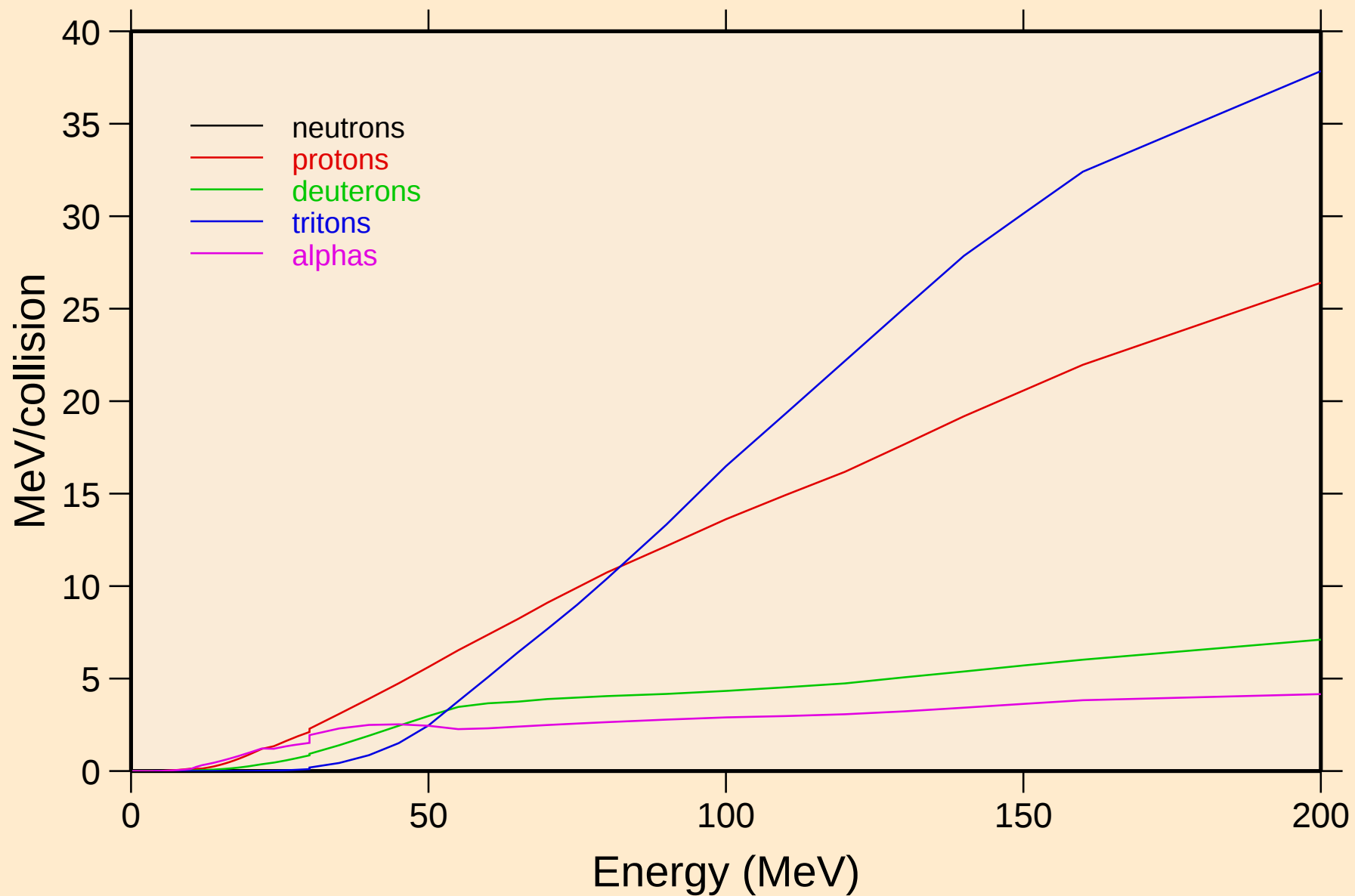


F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,da)



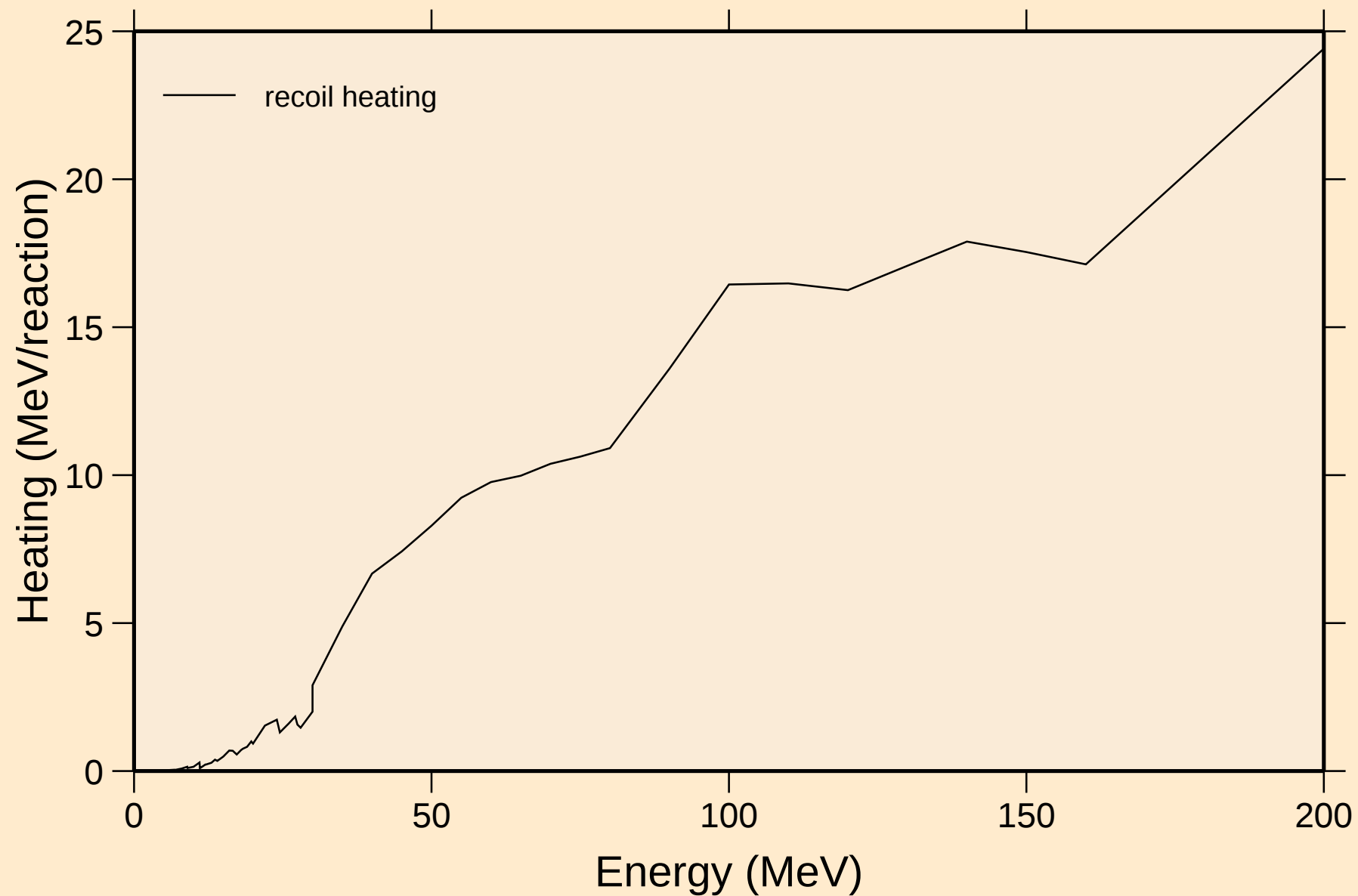
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K

Particle heating contributions



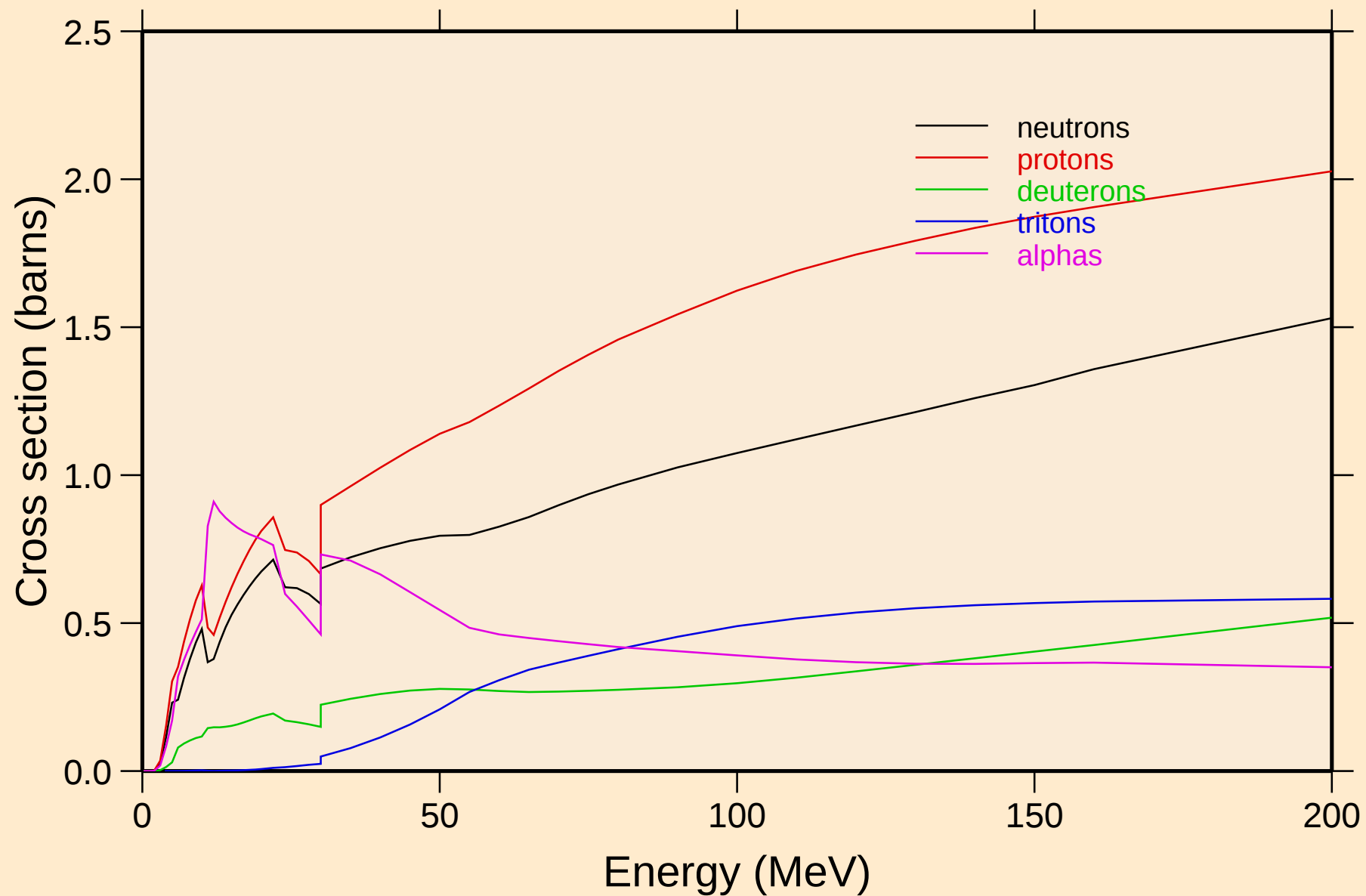
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K

Recoil Heating

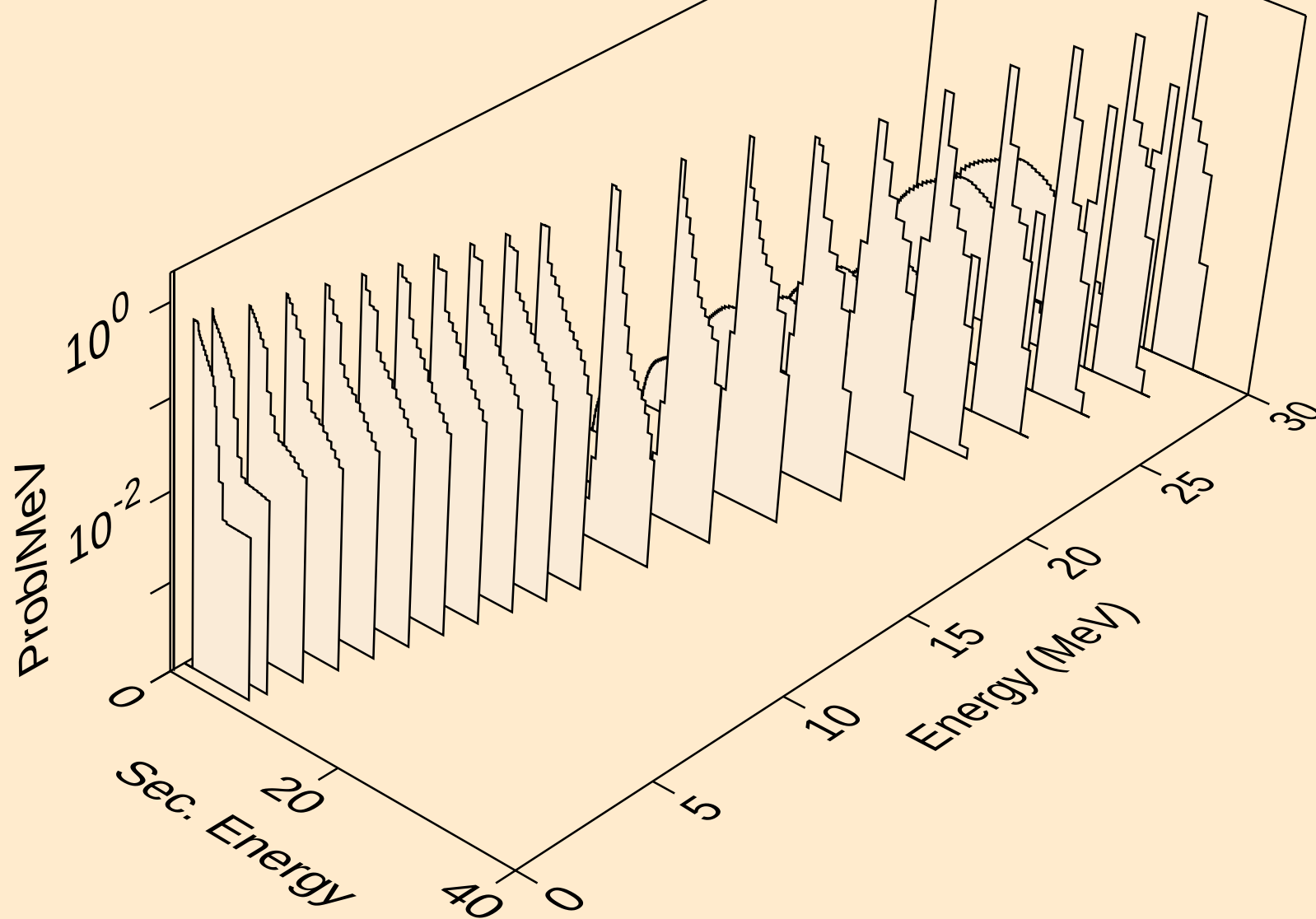


F019 HELION ACER TENDL-2023 LIBRARY; T=0.K

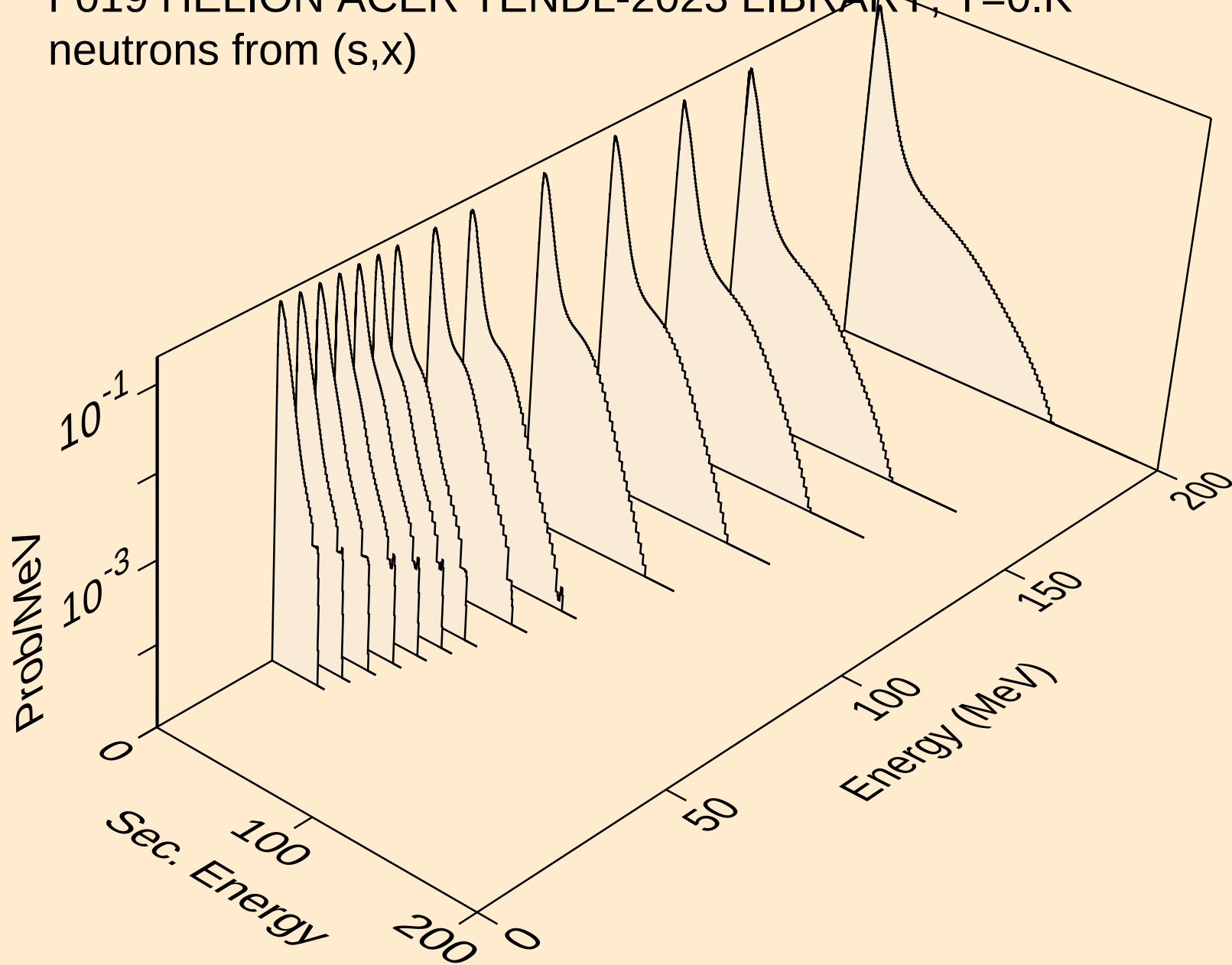
Particle production cross sections



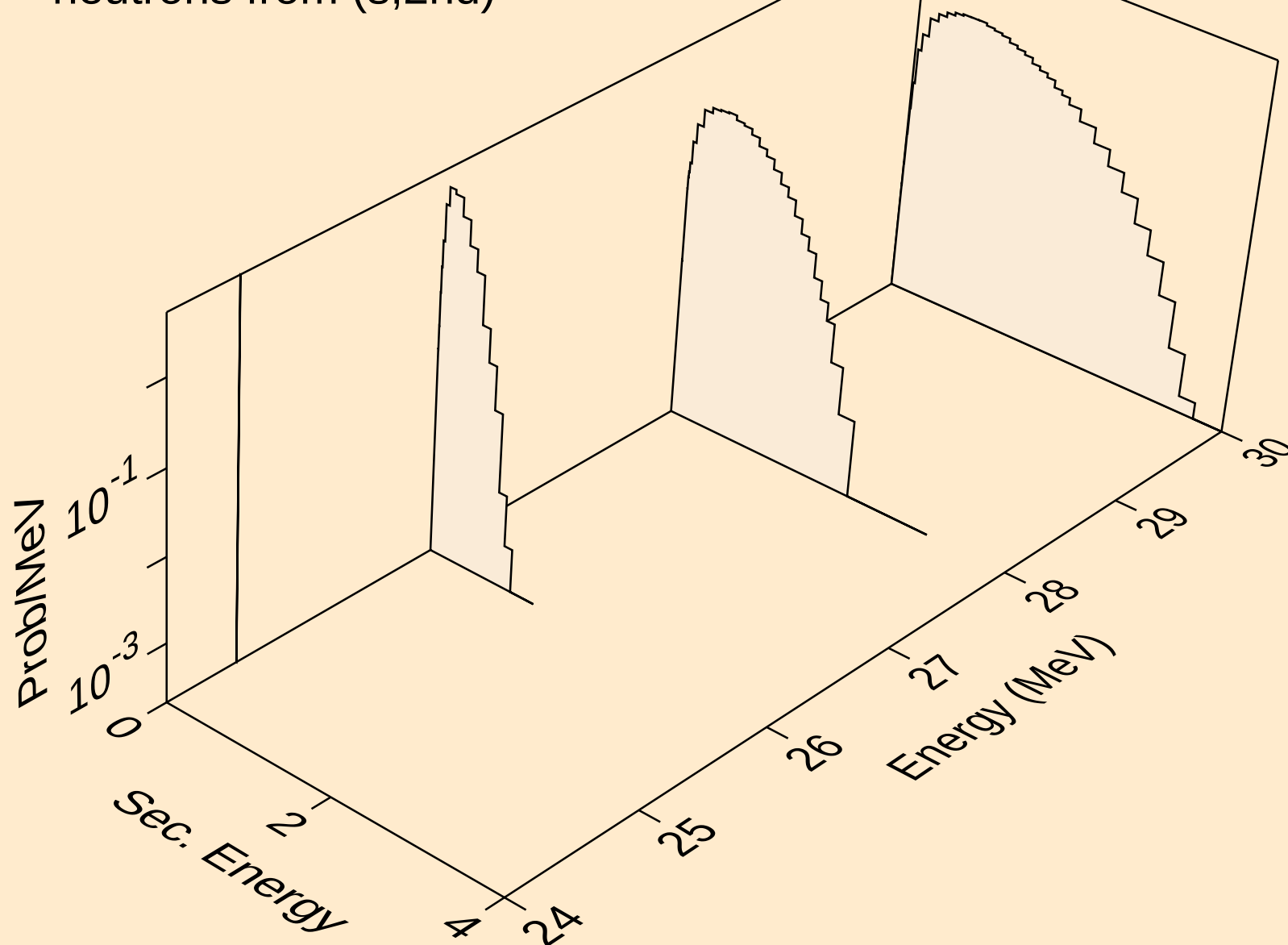
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,n)



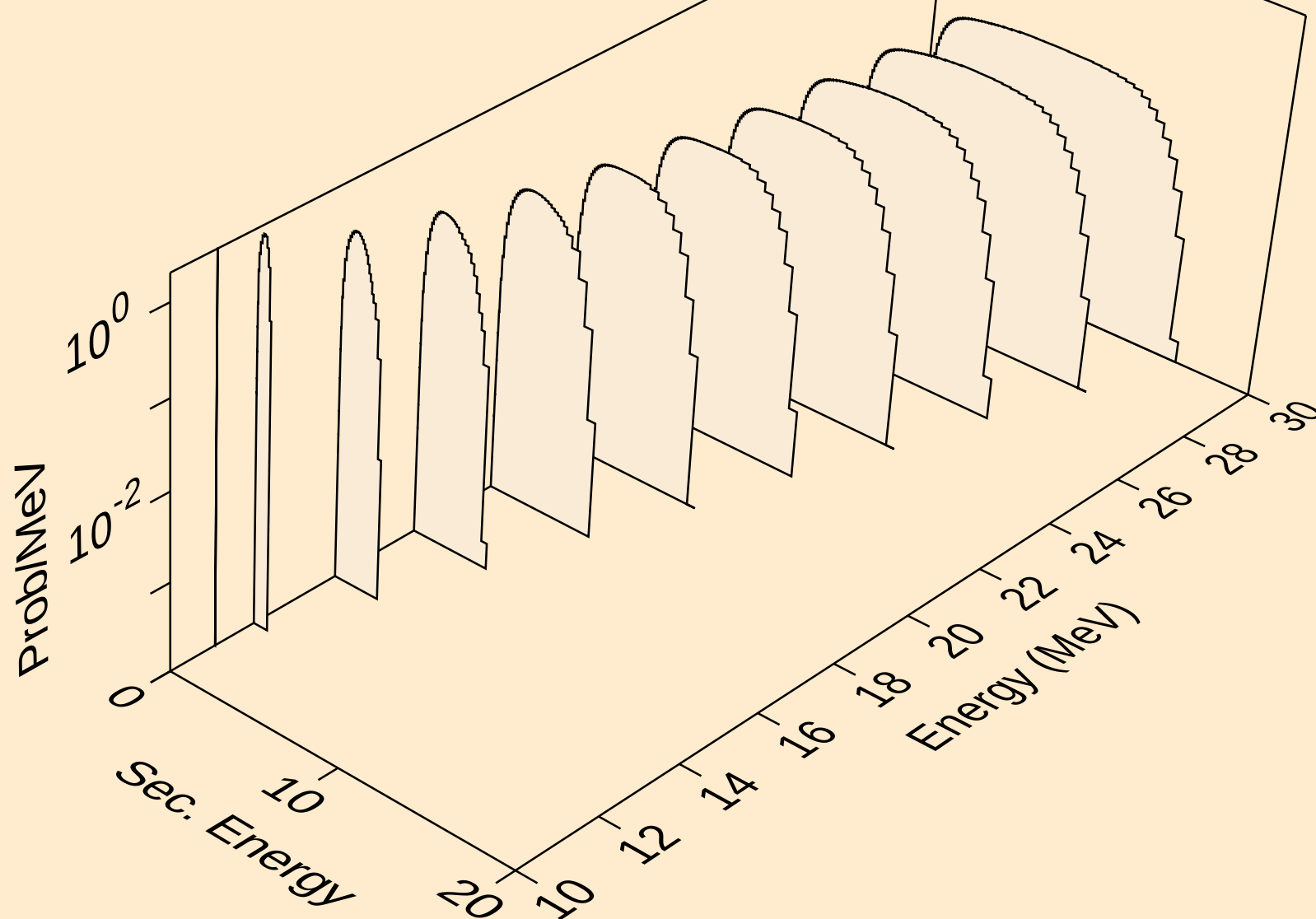
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,x)



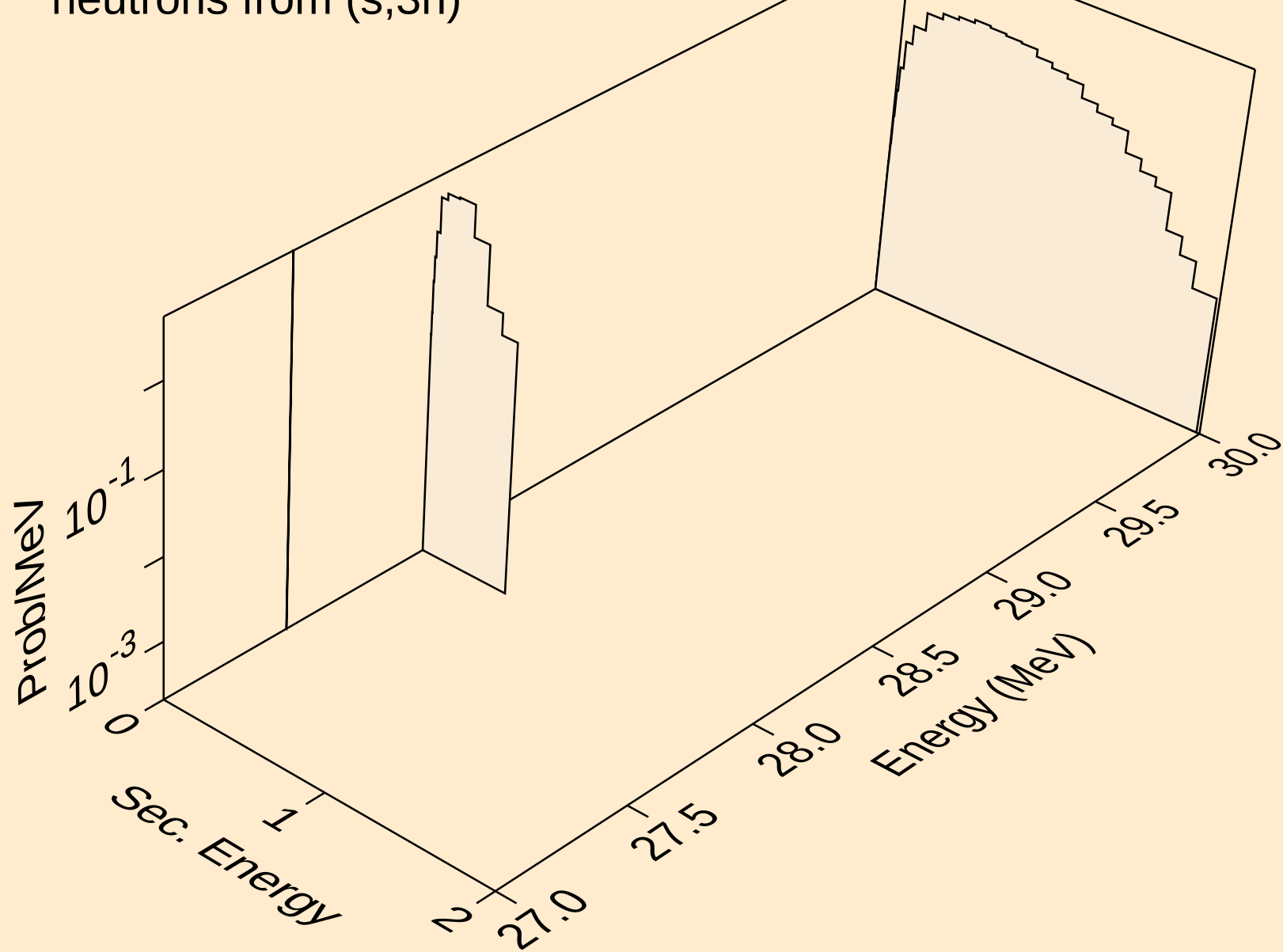
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,2nd)



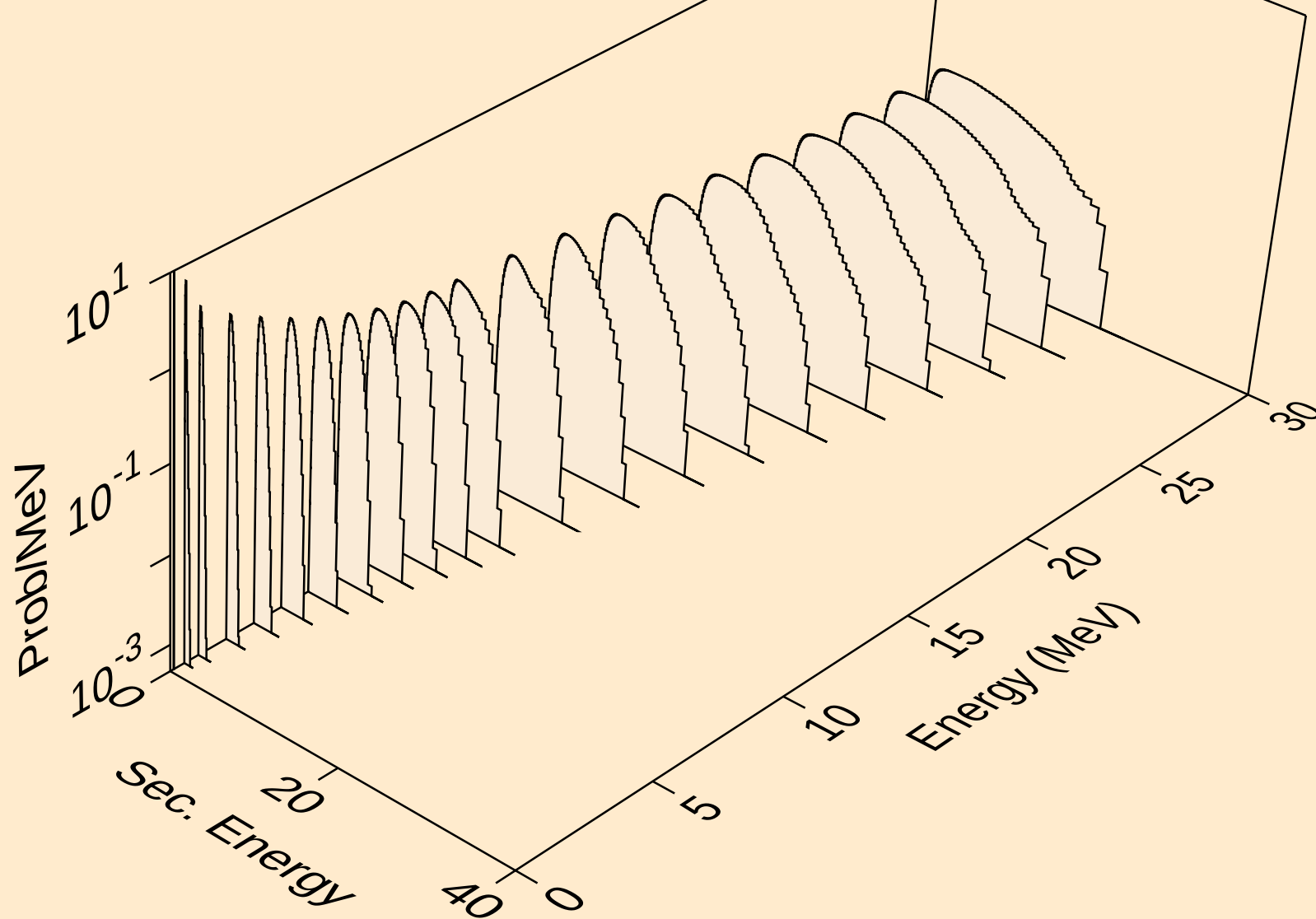
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,2n)



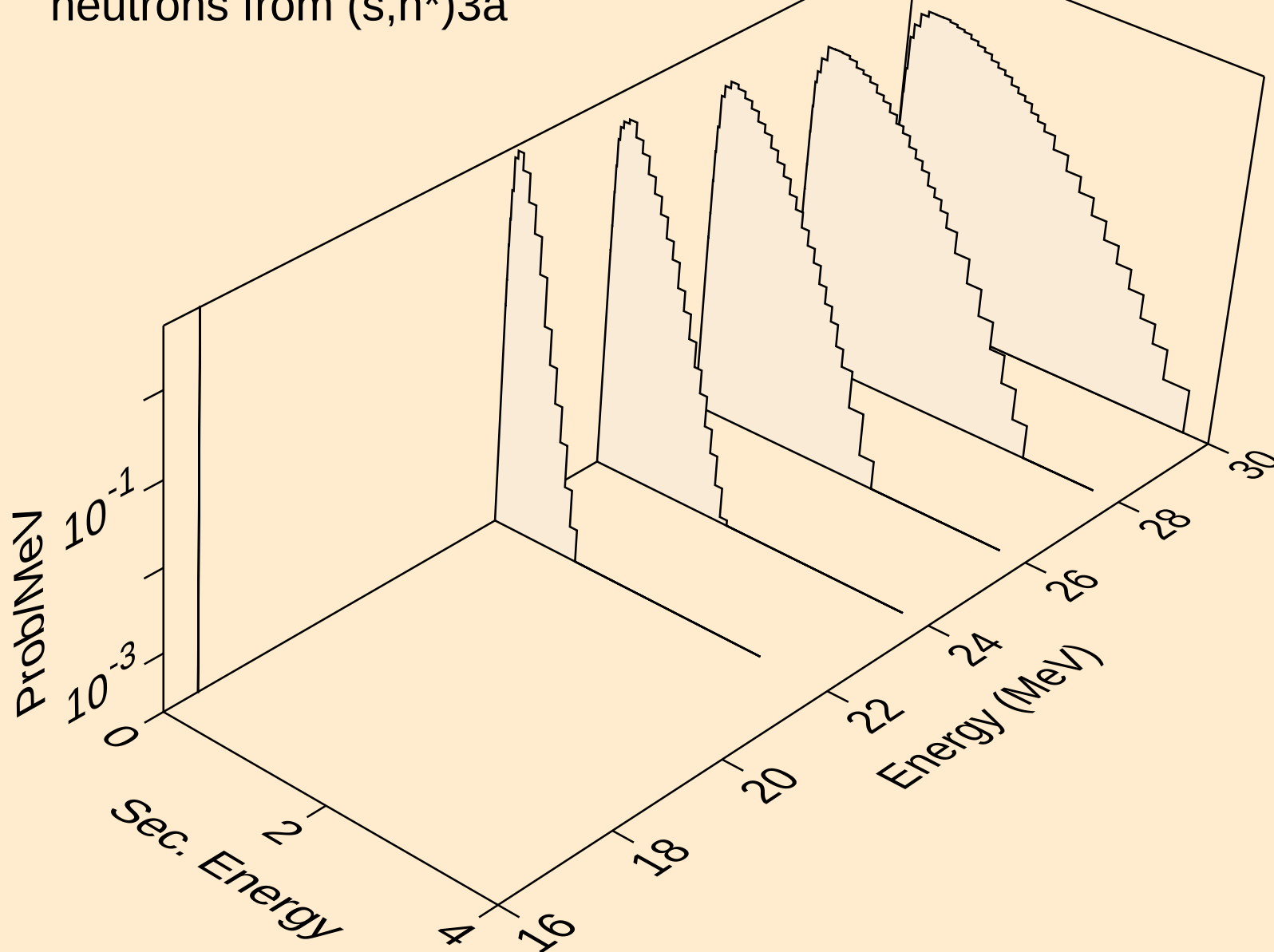
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,3n)



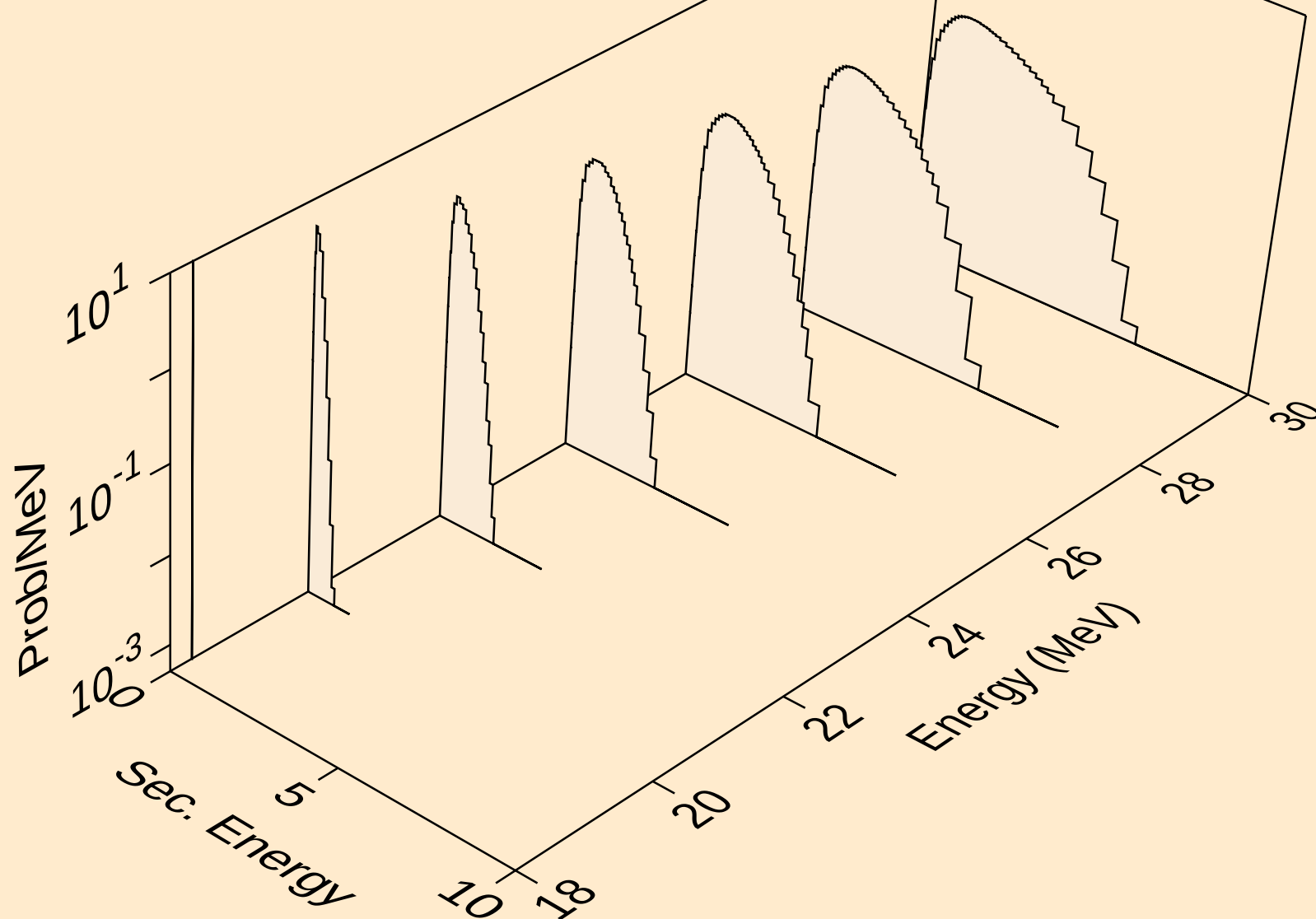
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,n*)a



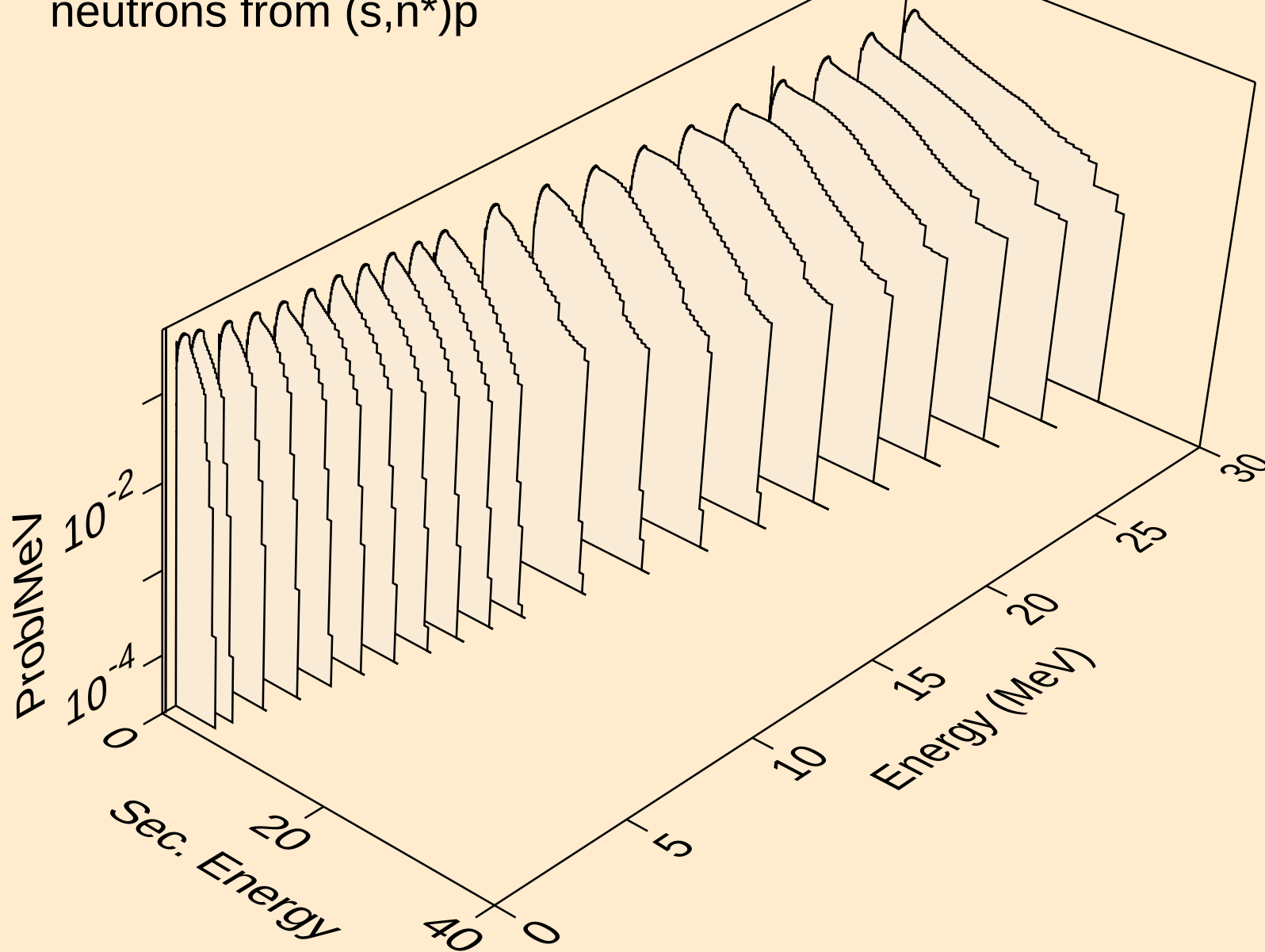
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,n*)3a



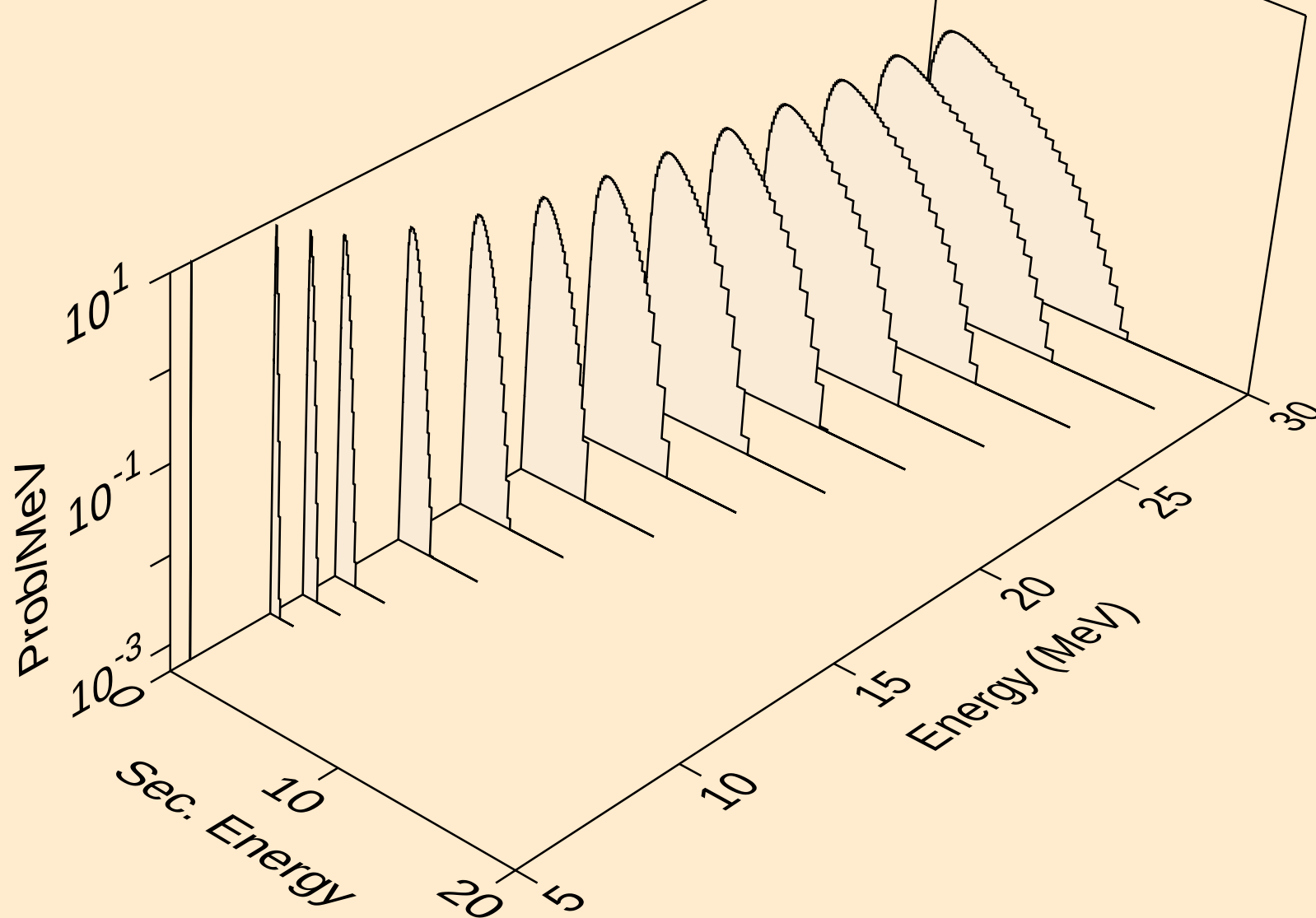
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,2n)a



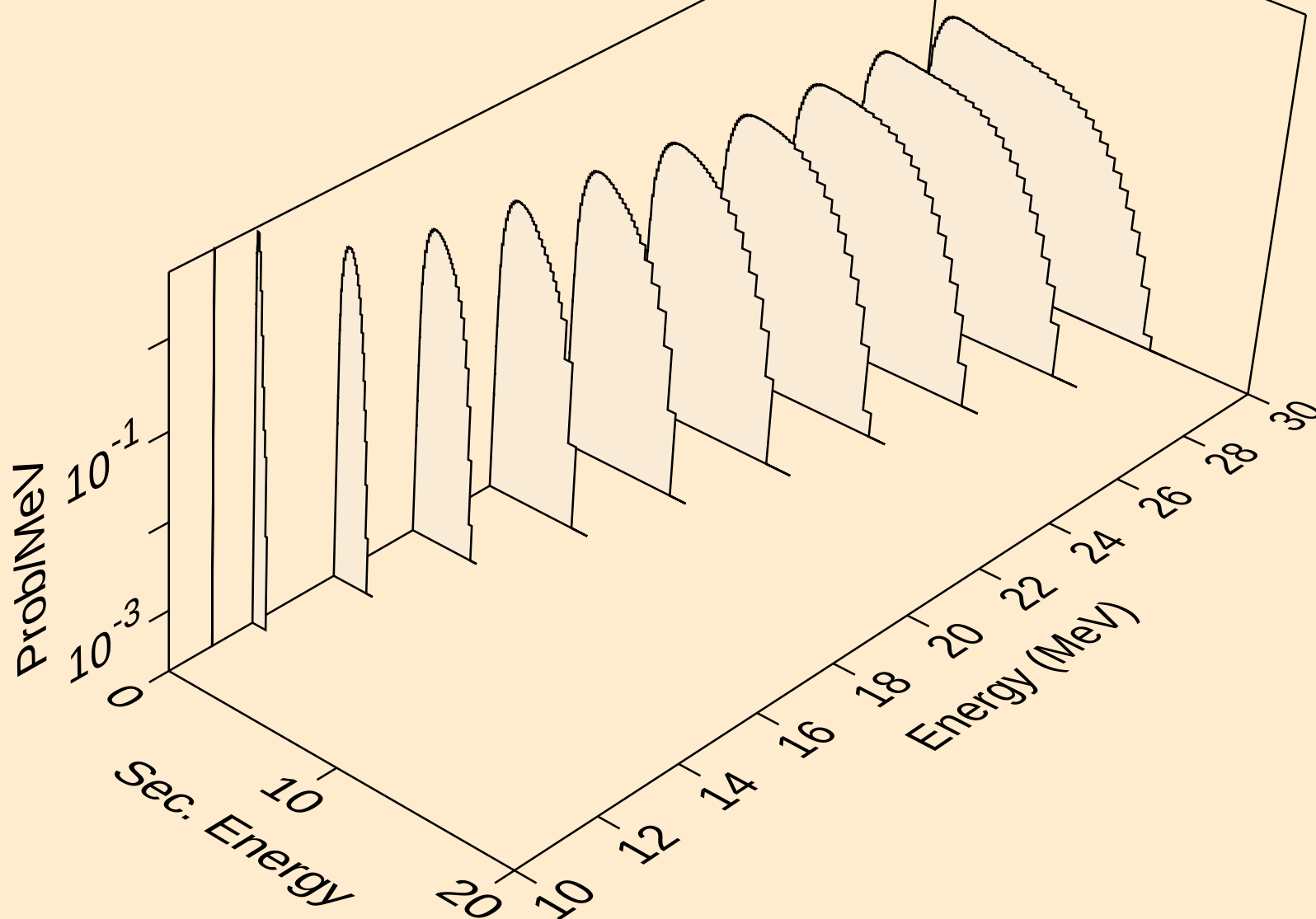
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,n*)p



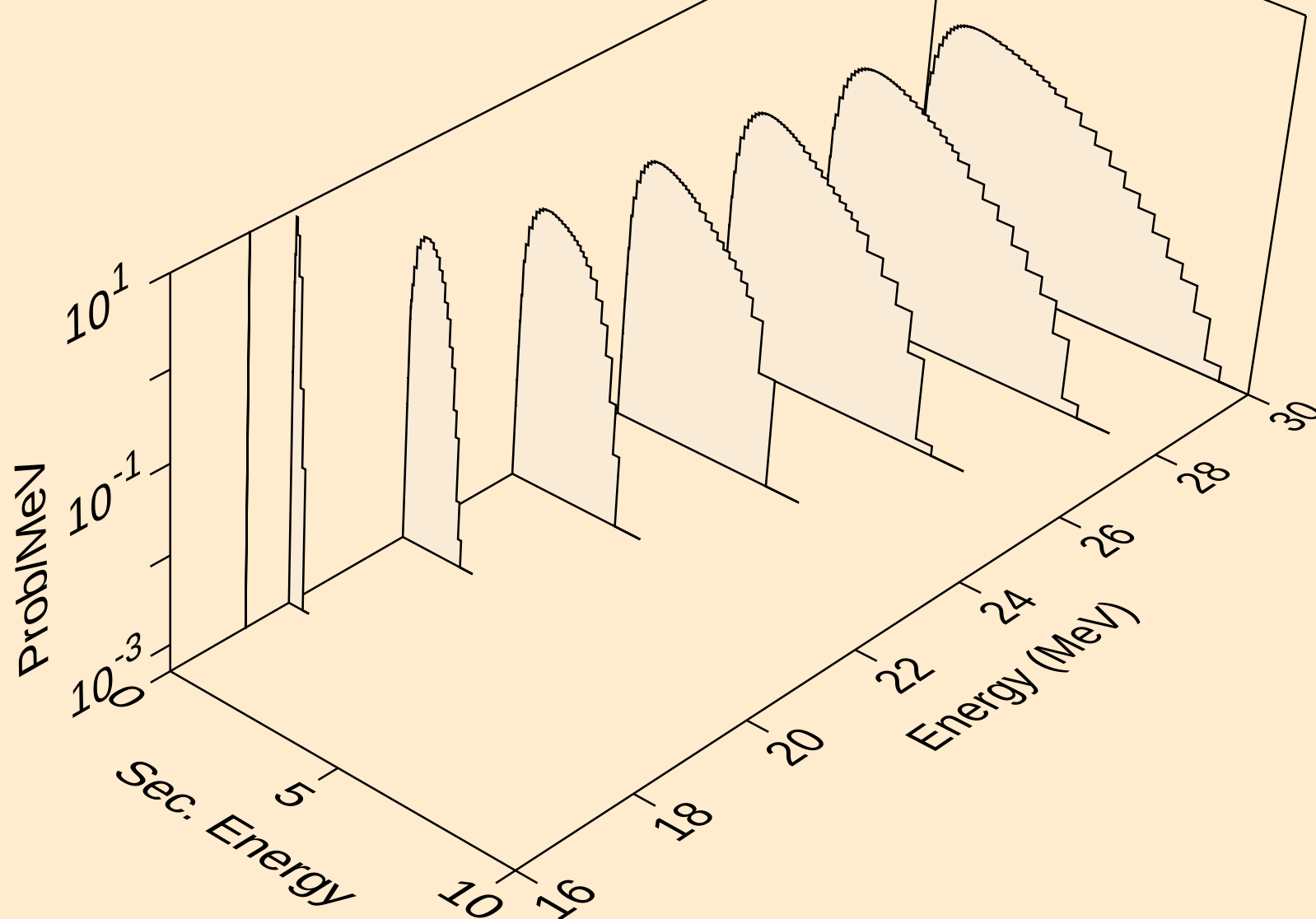
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,n*)2a



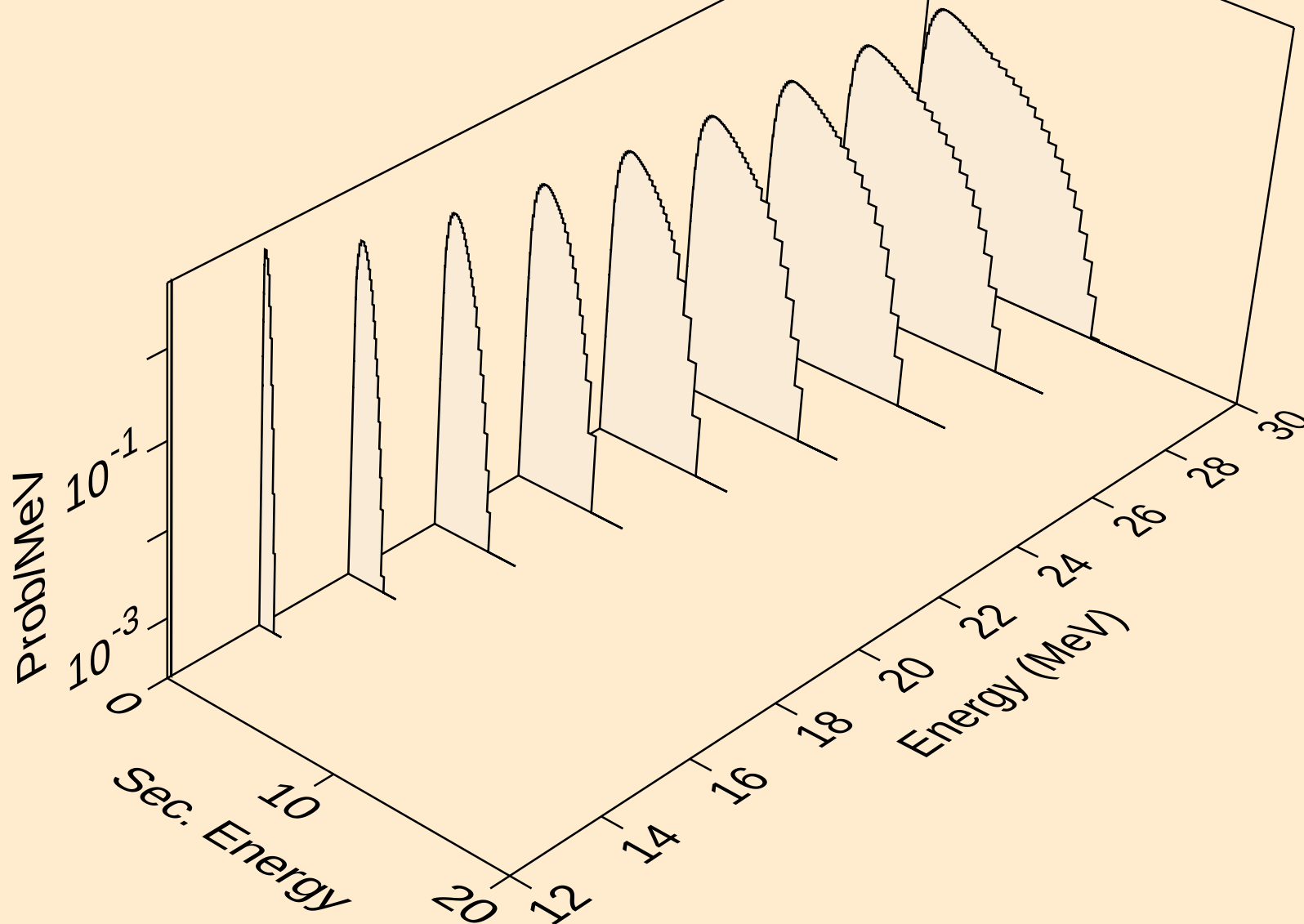
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,n*)d



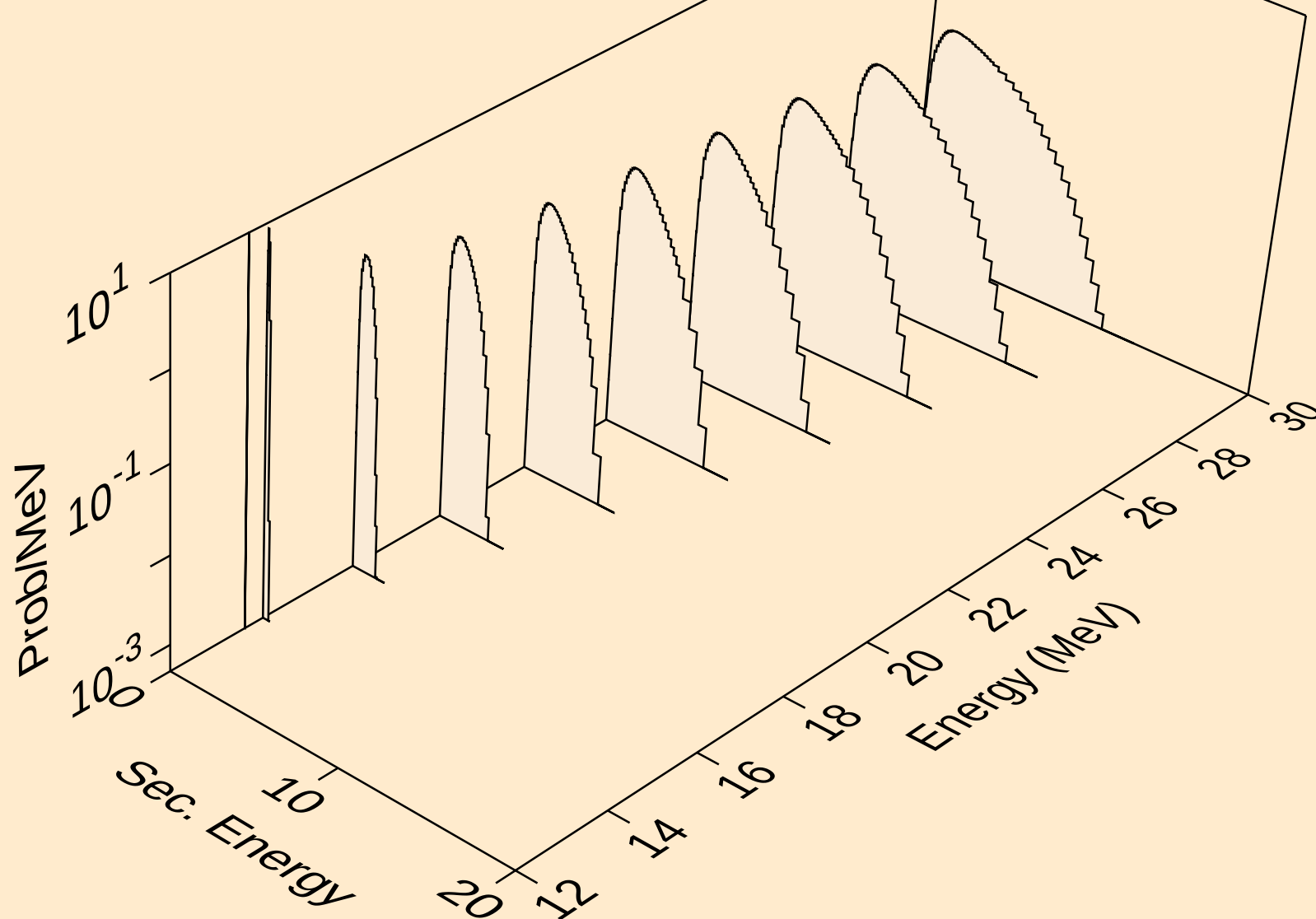
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,n*)t



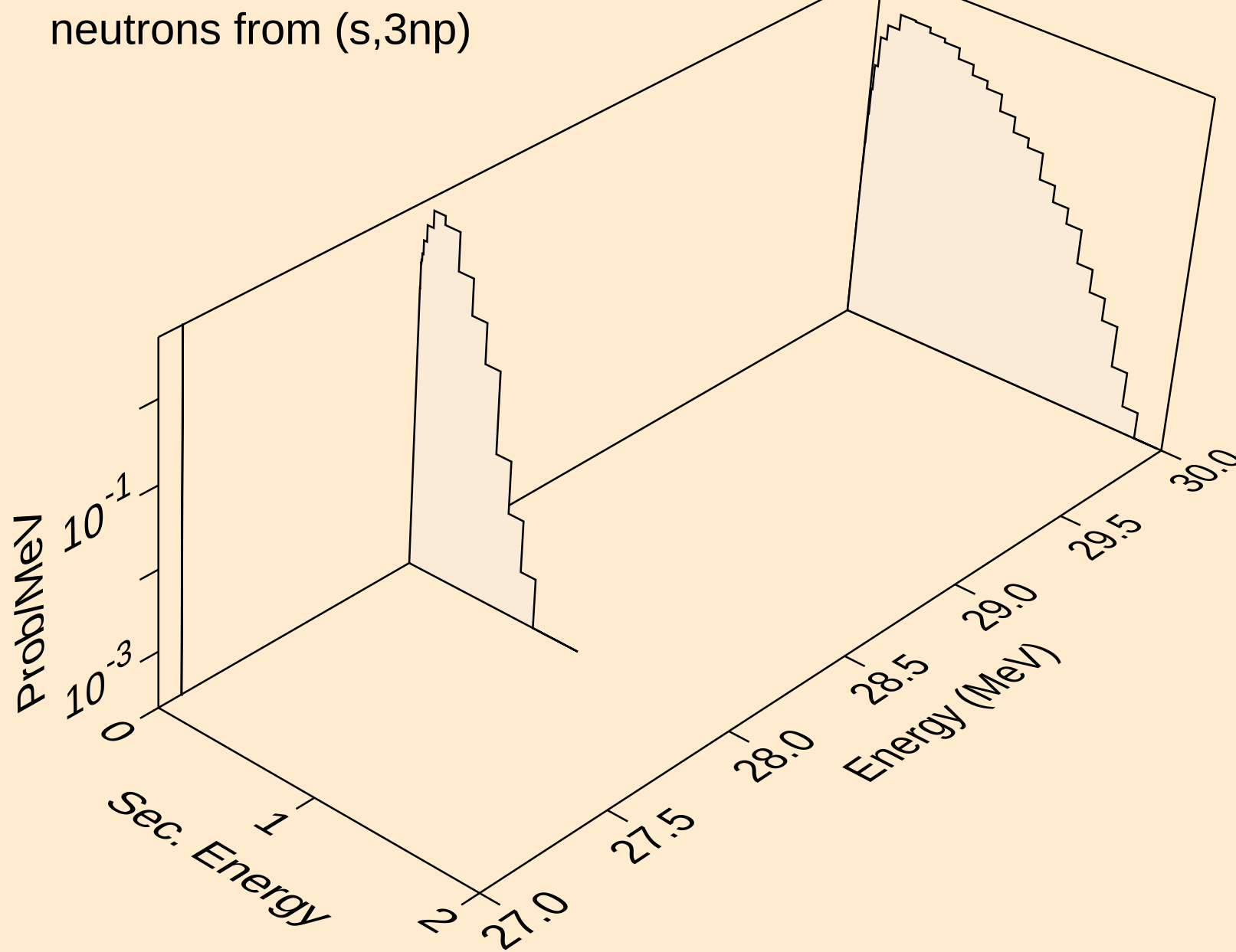
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,n*)he3



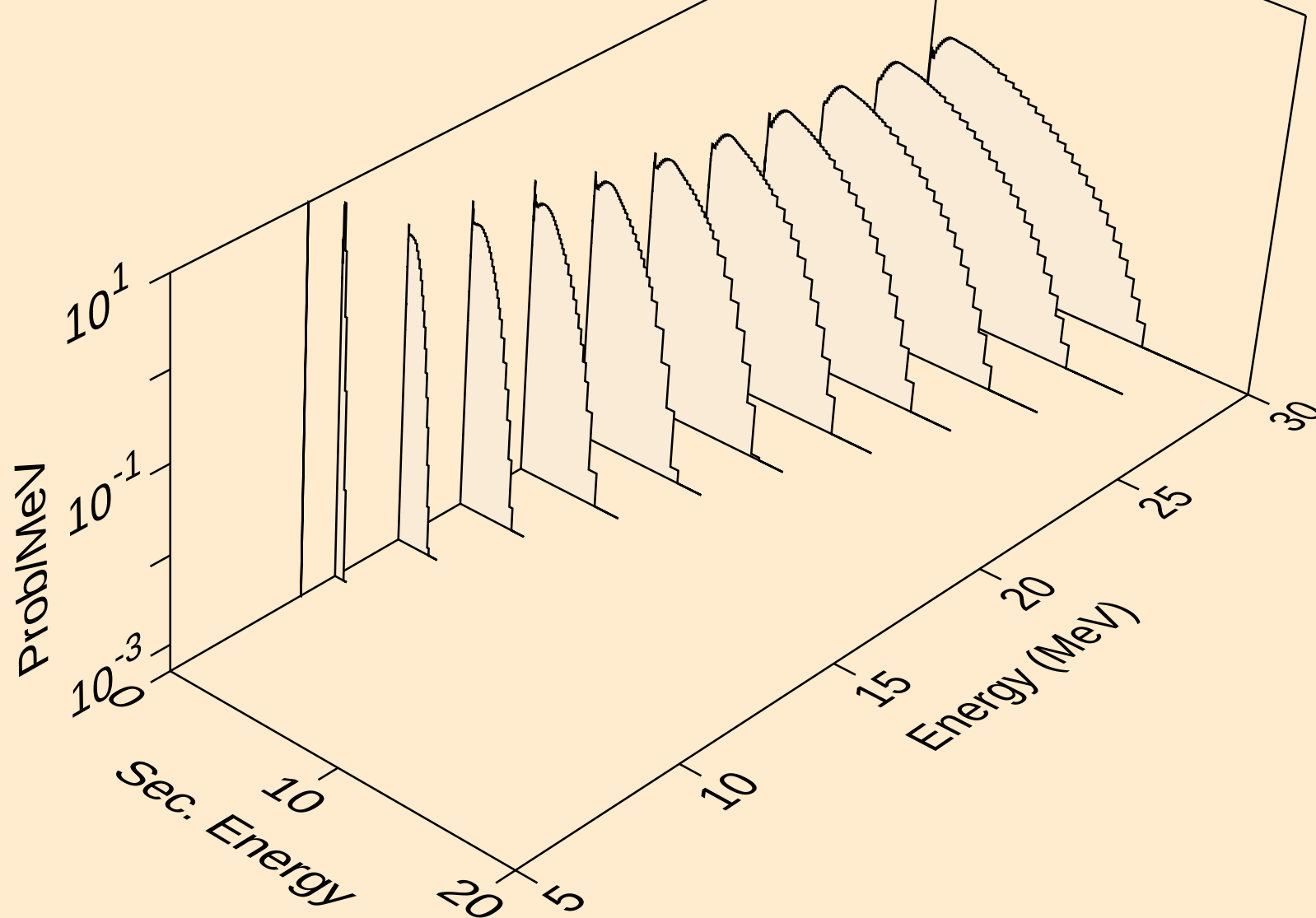
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,2np)



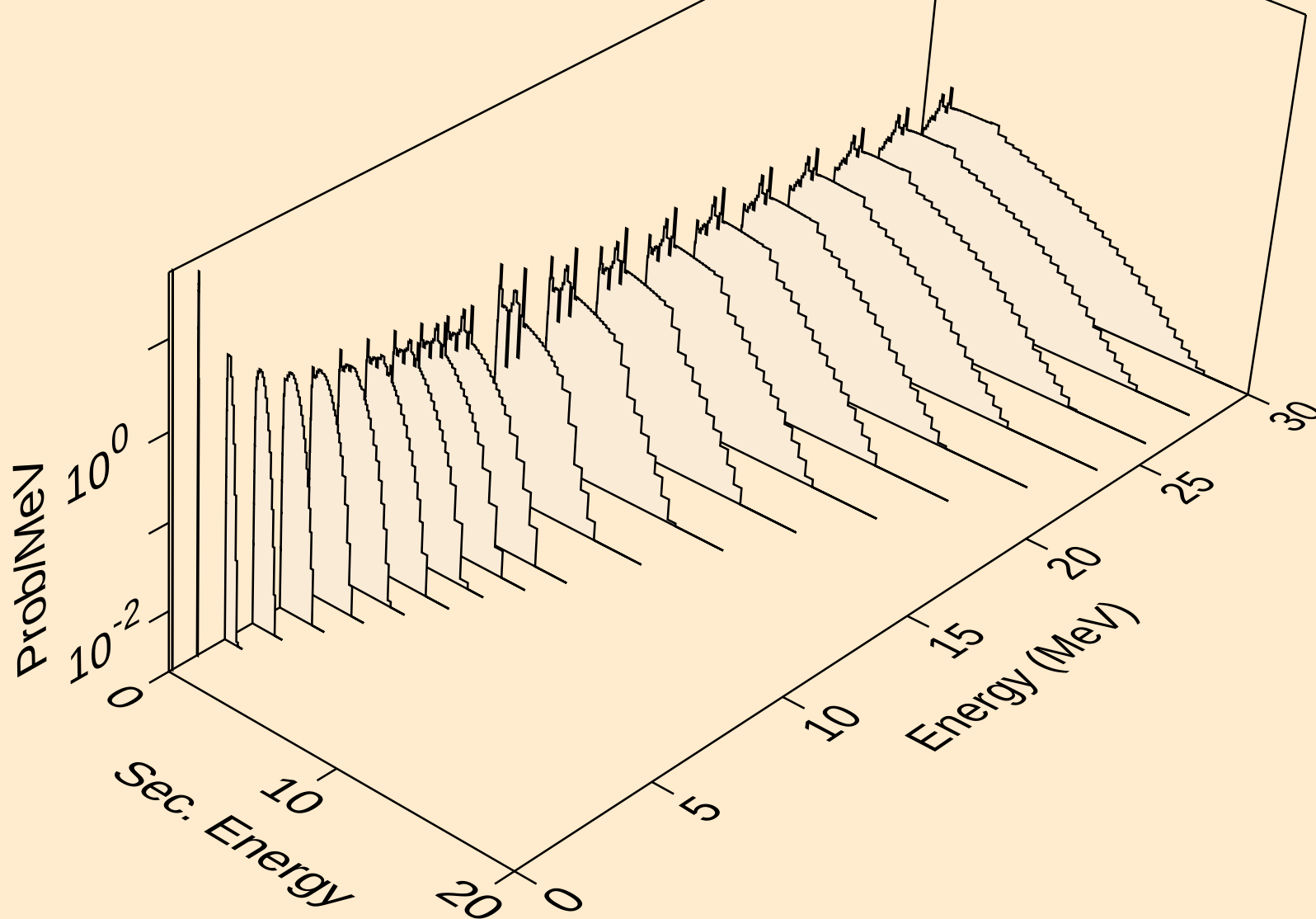
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,3np)



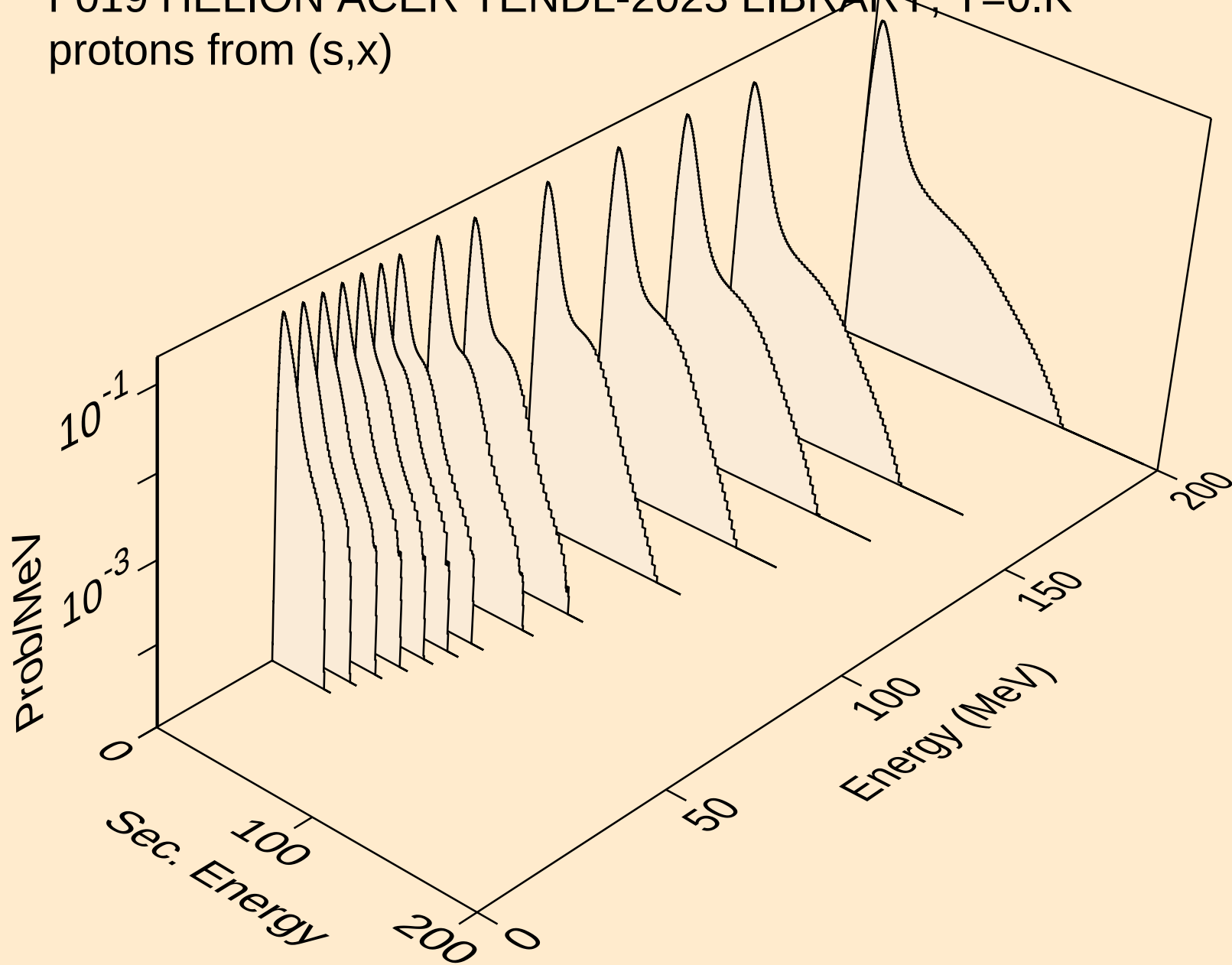
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,n2p)



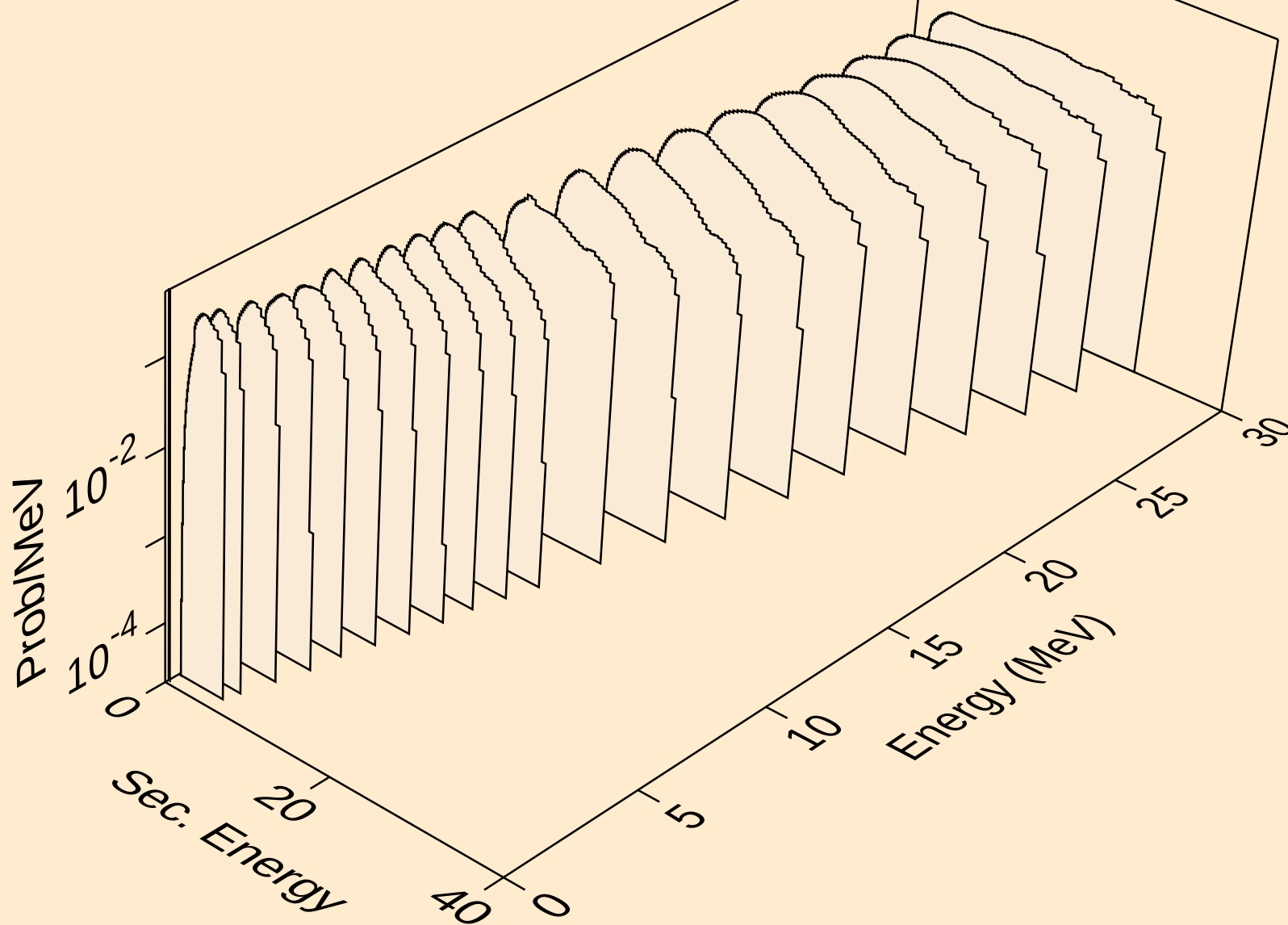
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,npa)



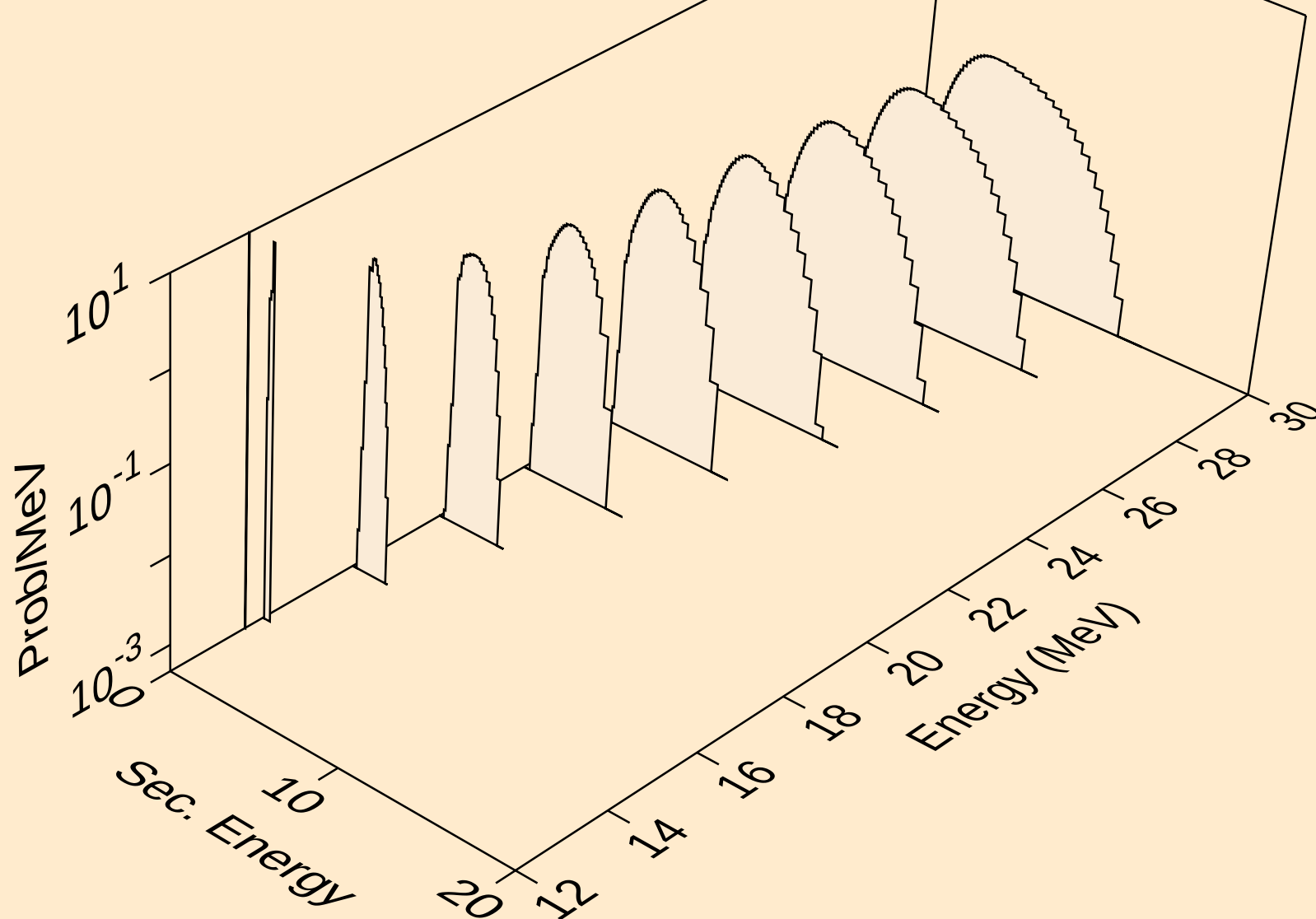
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
protons from (s,x)



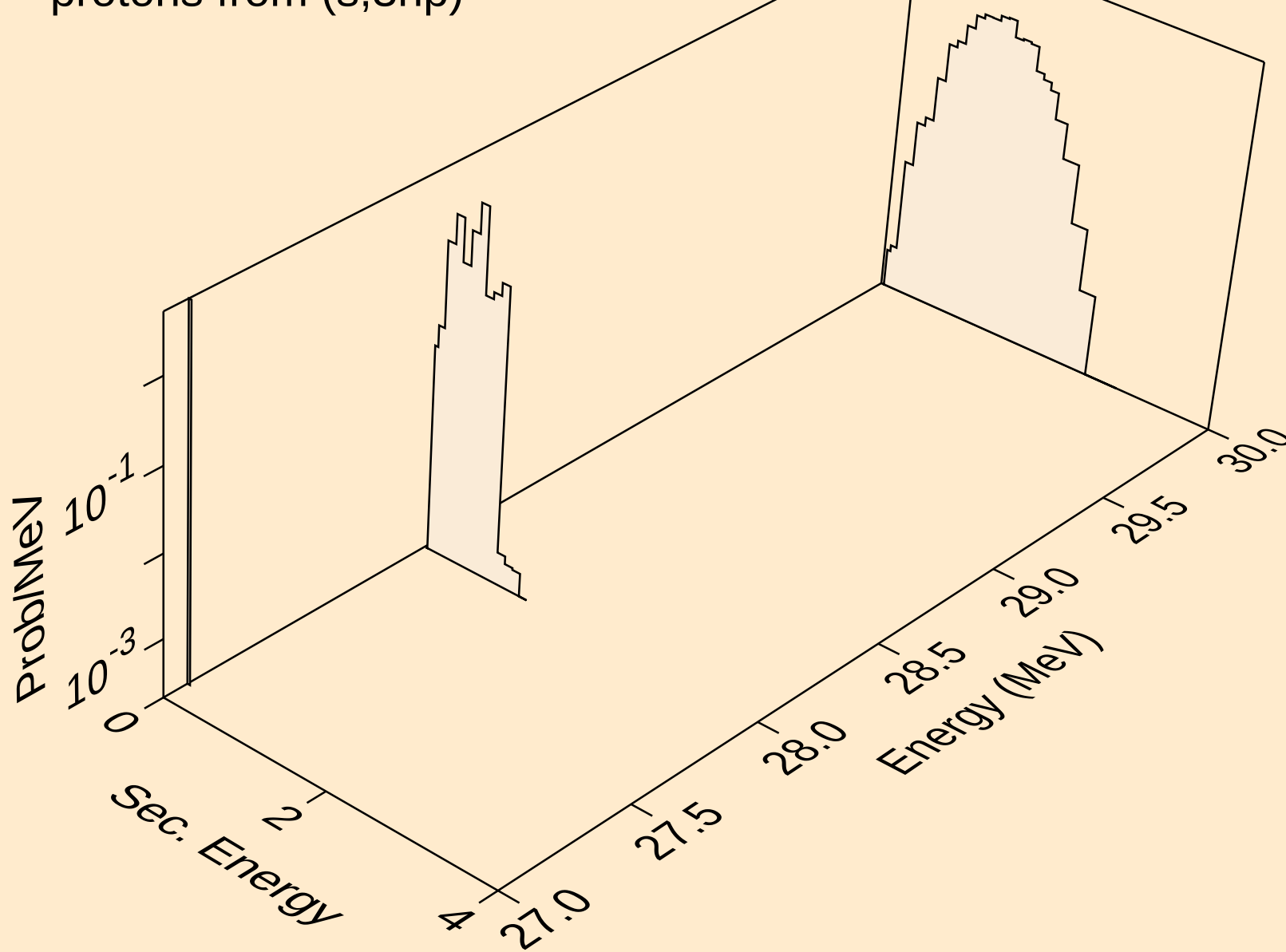
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
protons from (s,n*)p



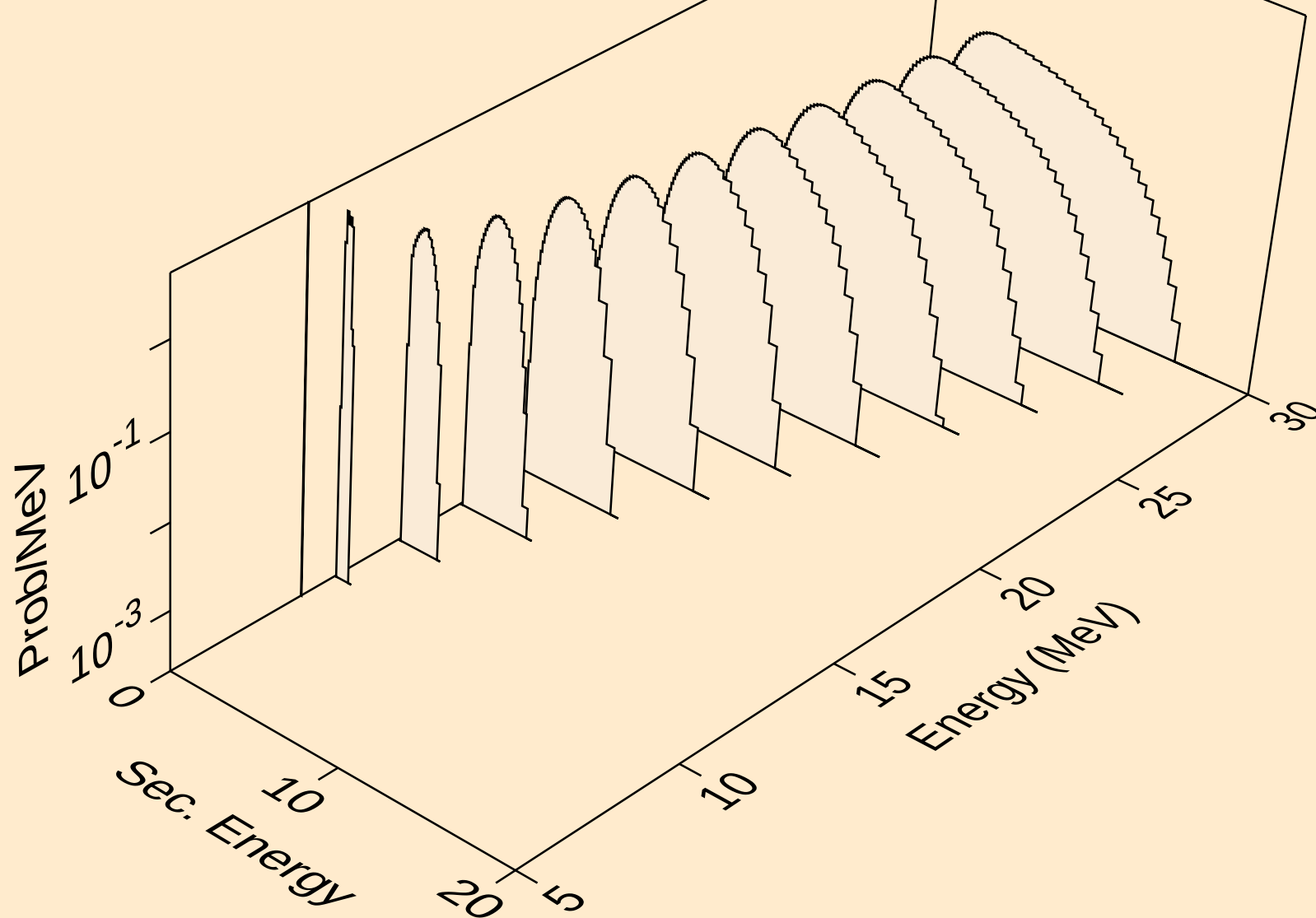
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
protons from (s,2np)



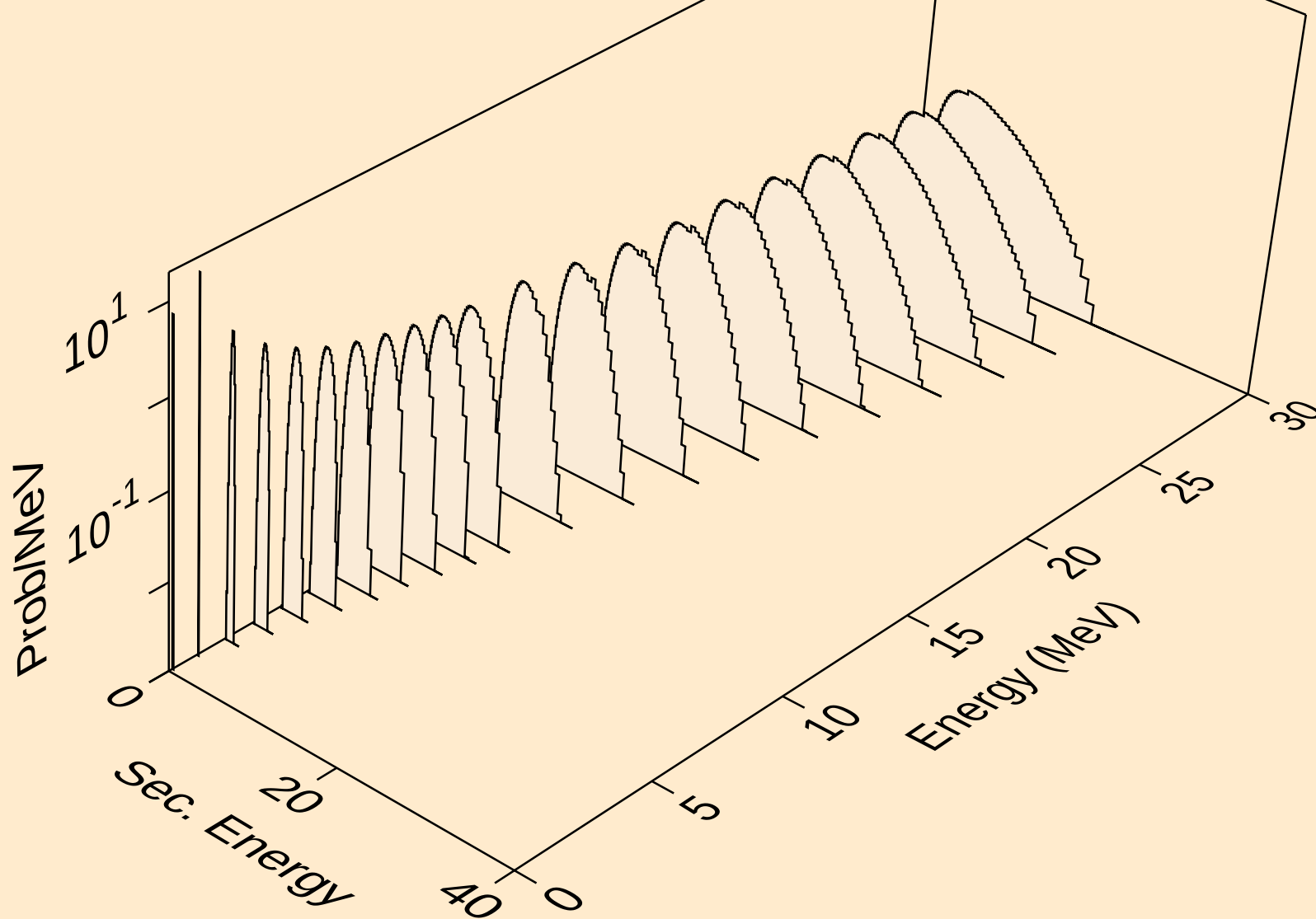
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
protons from (s,3np)



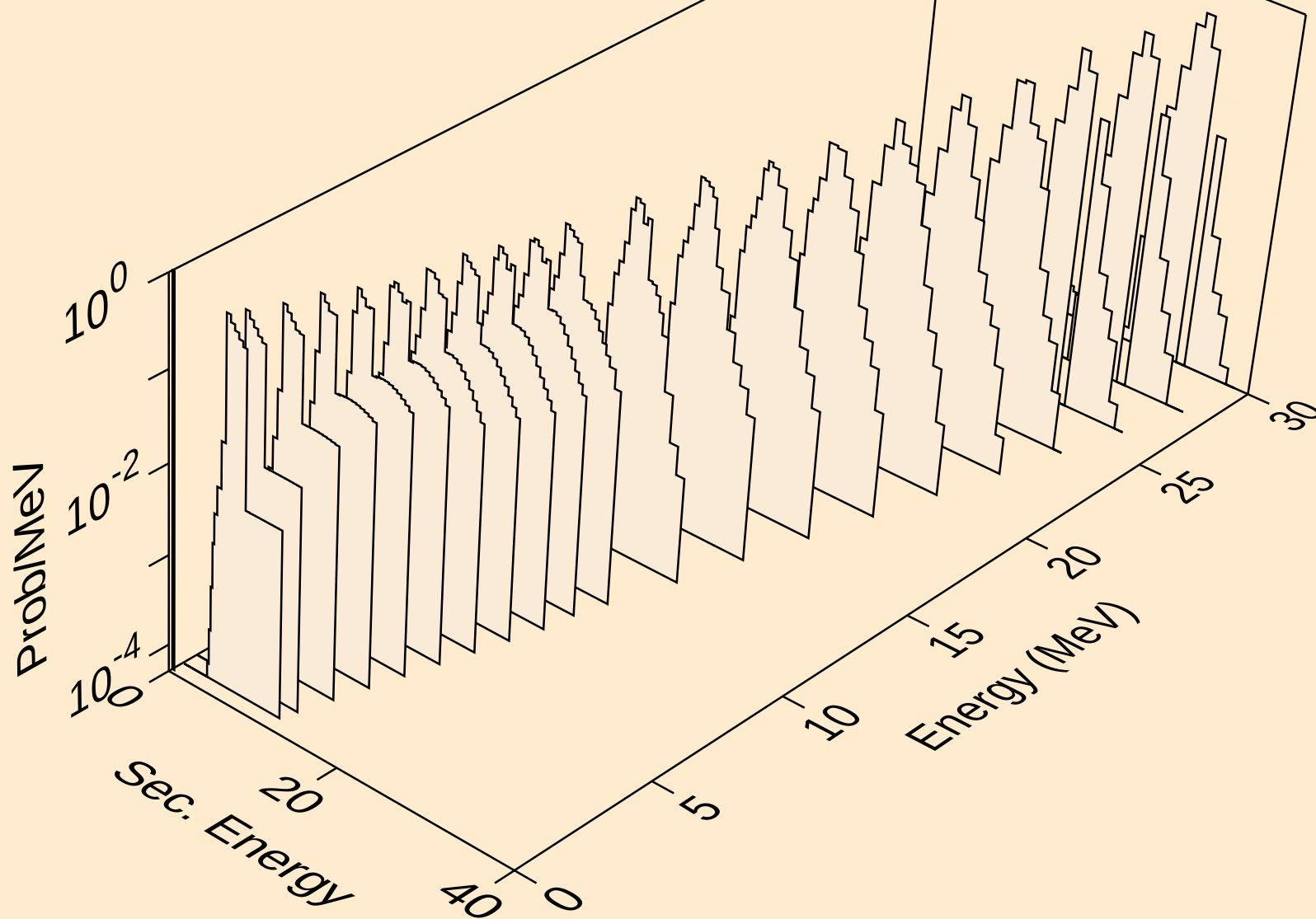
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
protons from (s,n2p)



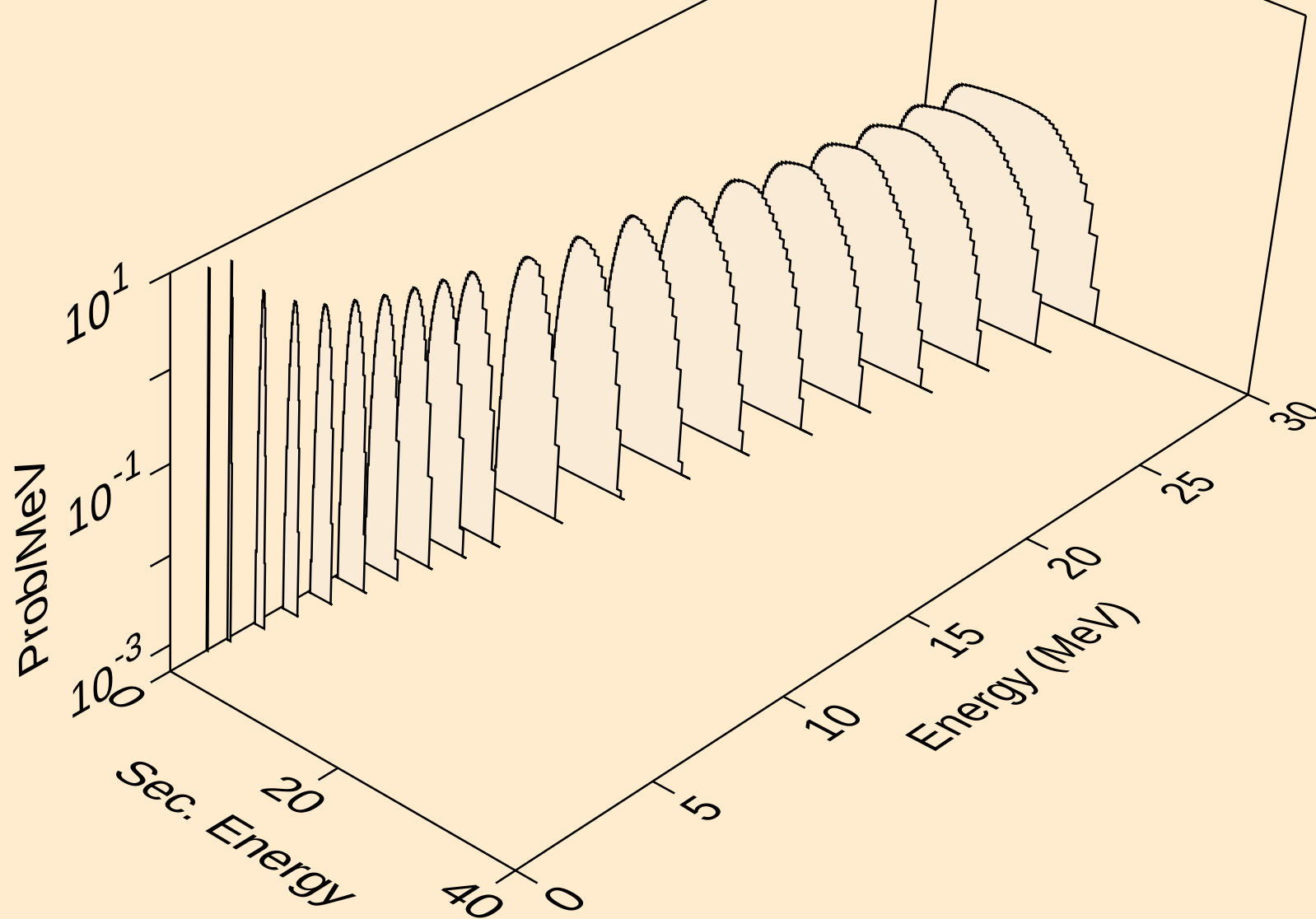
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
protons from (s,npa)



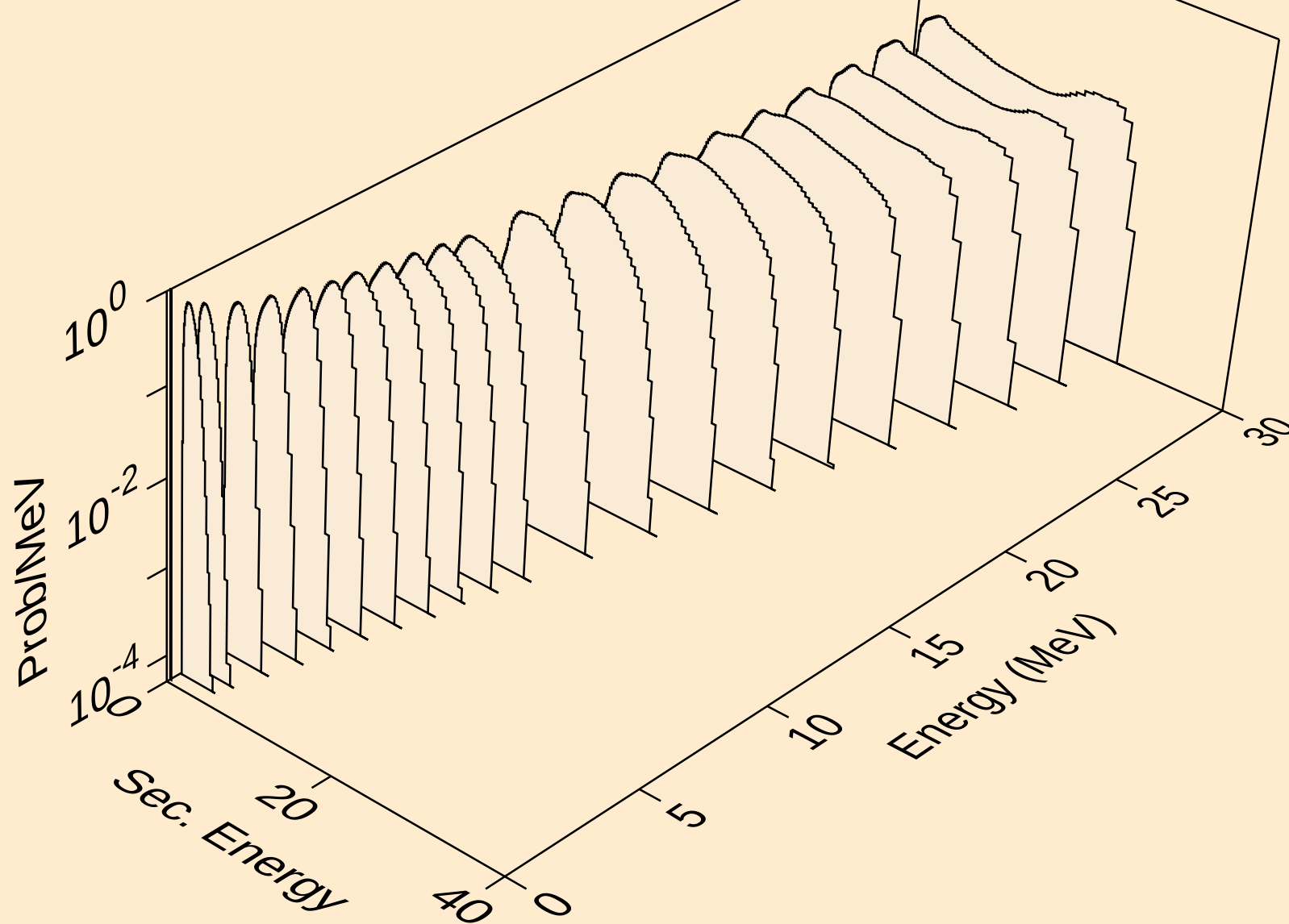
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
protons from (s,p)



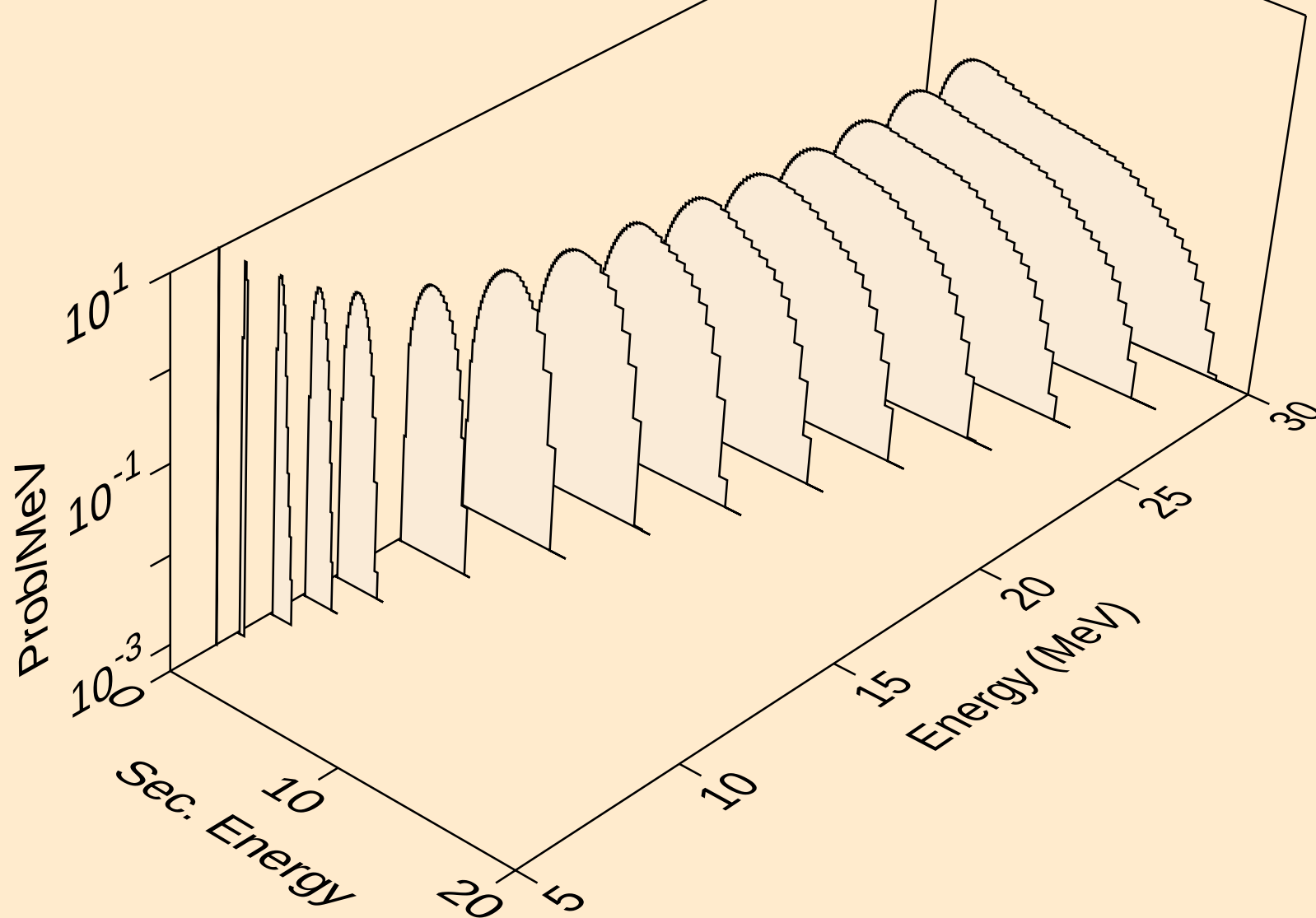
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
protons from (s,2p)



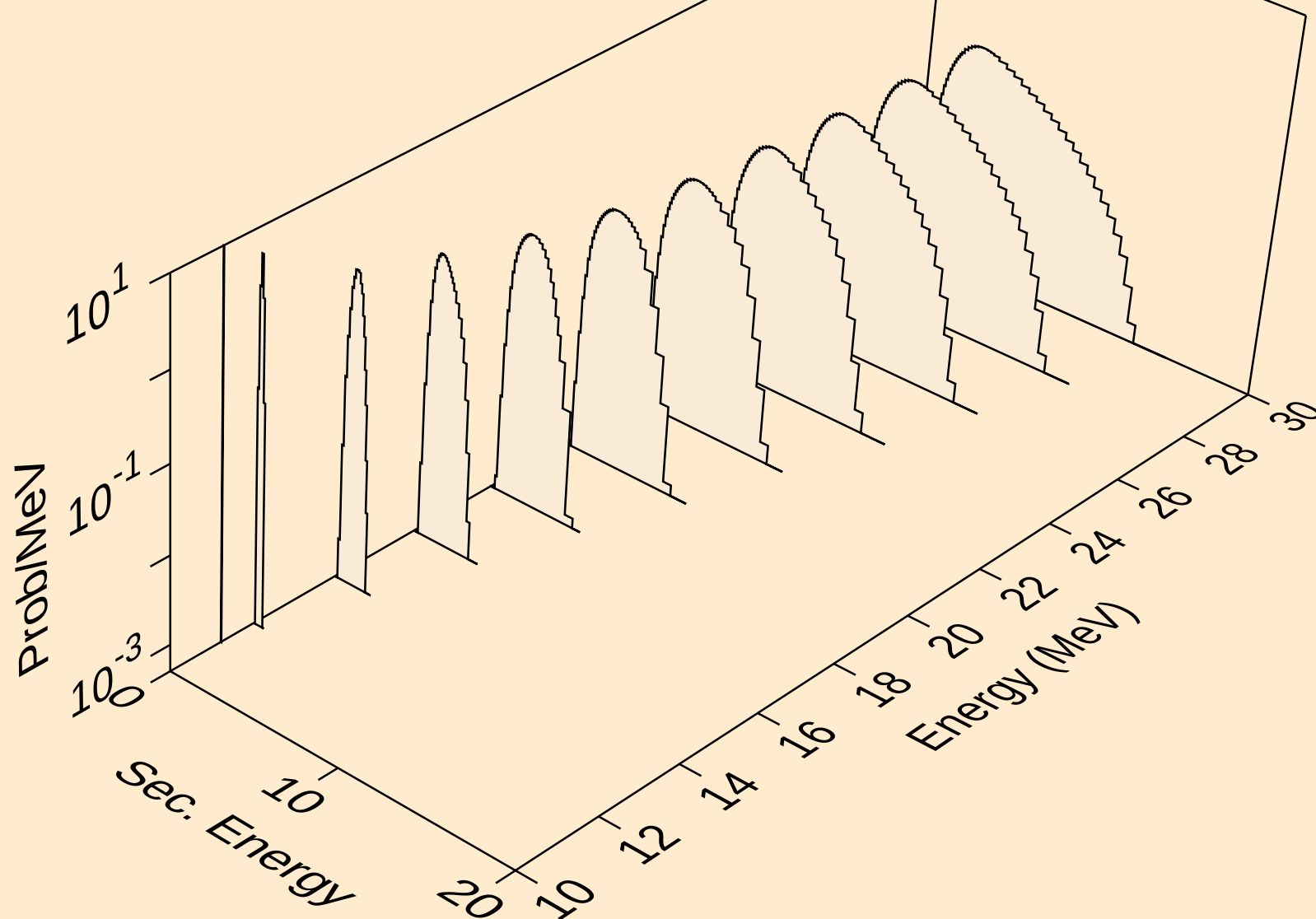
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
protons from (s,pa)



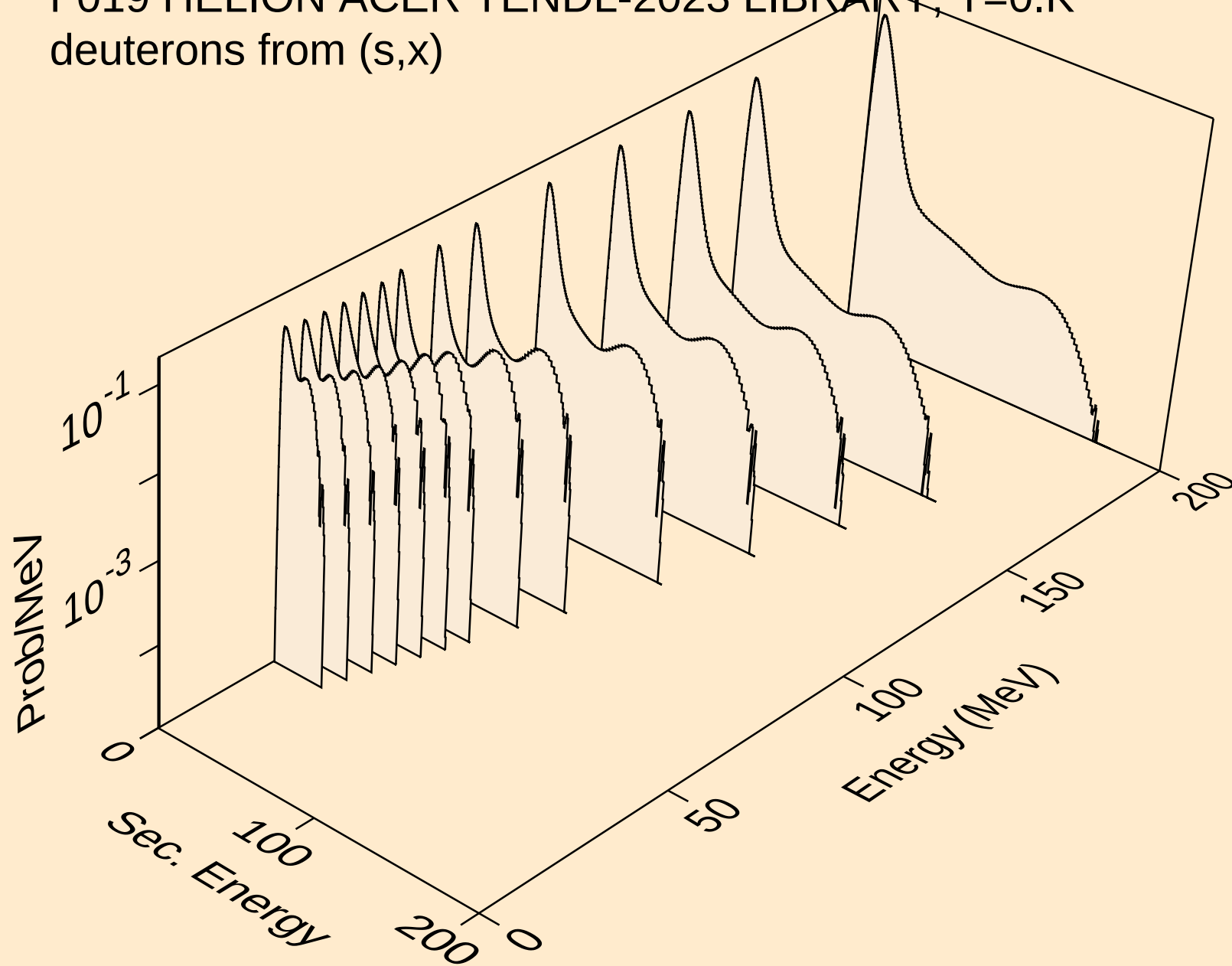
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
protons from (s,pd)



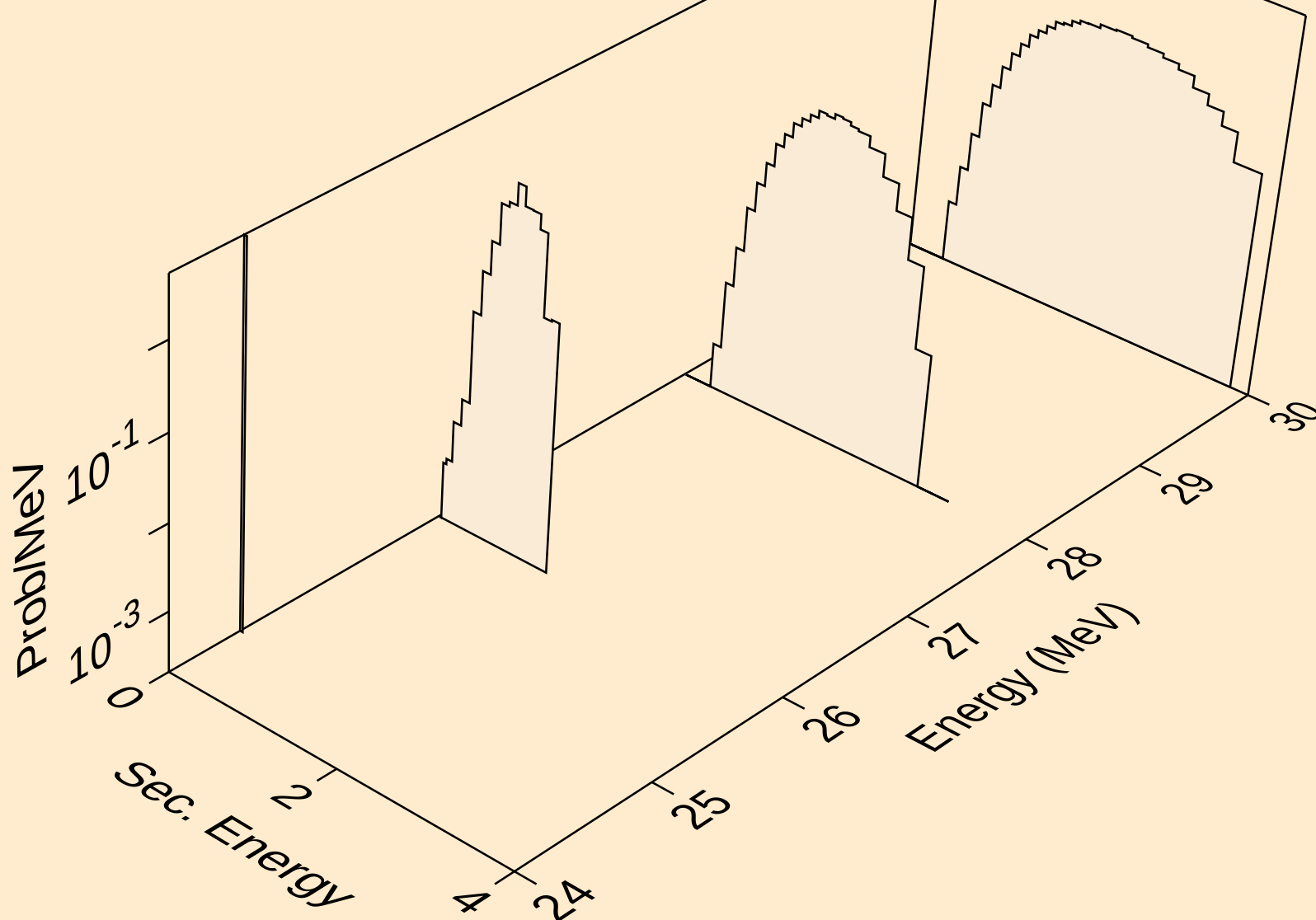
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
protons from (s,pt)



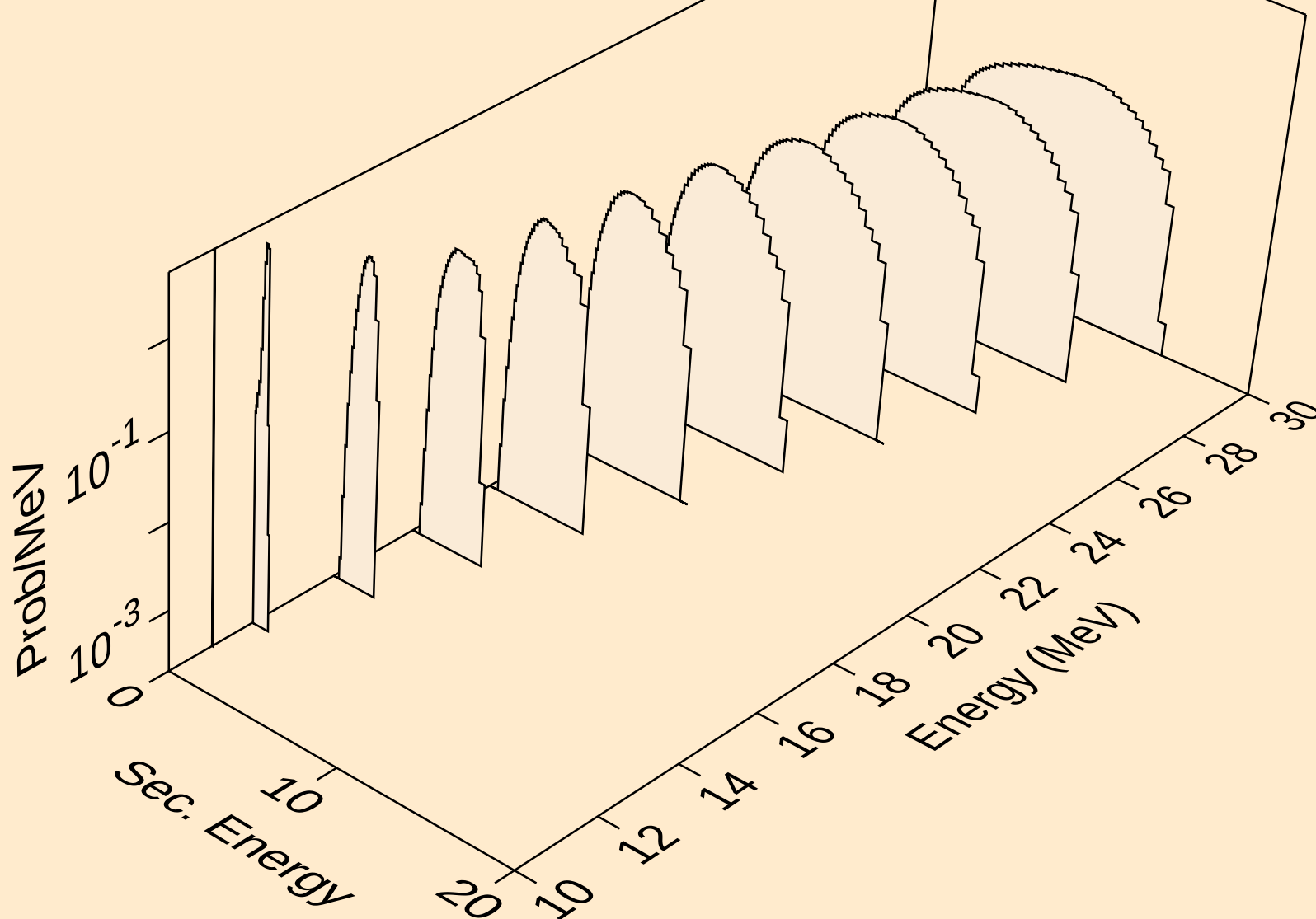
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (s,x)



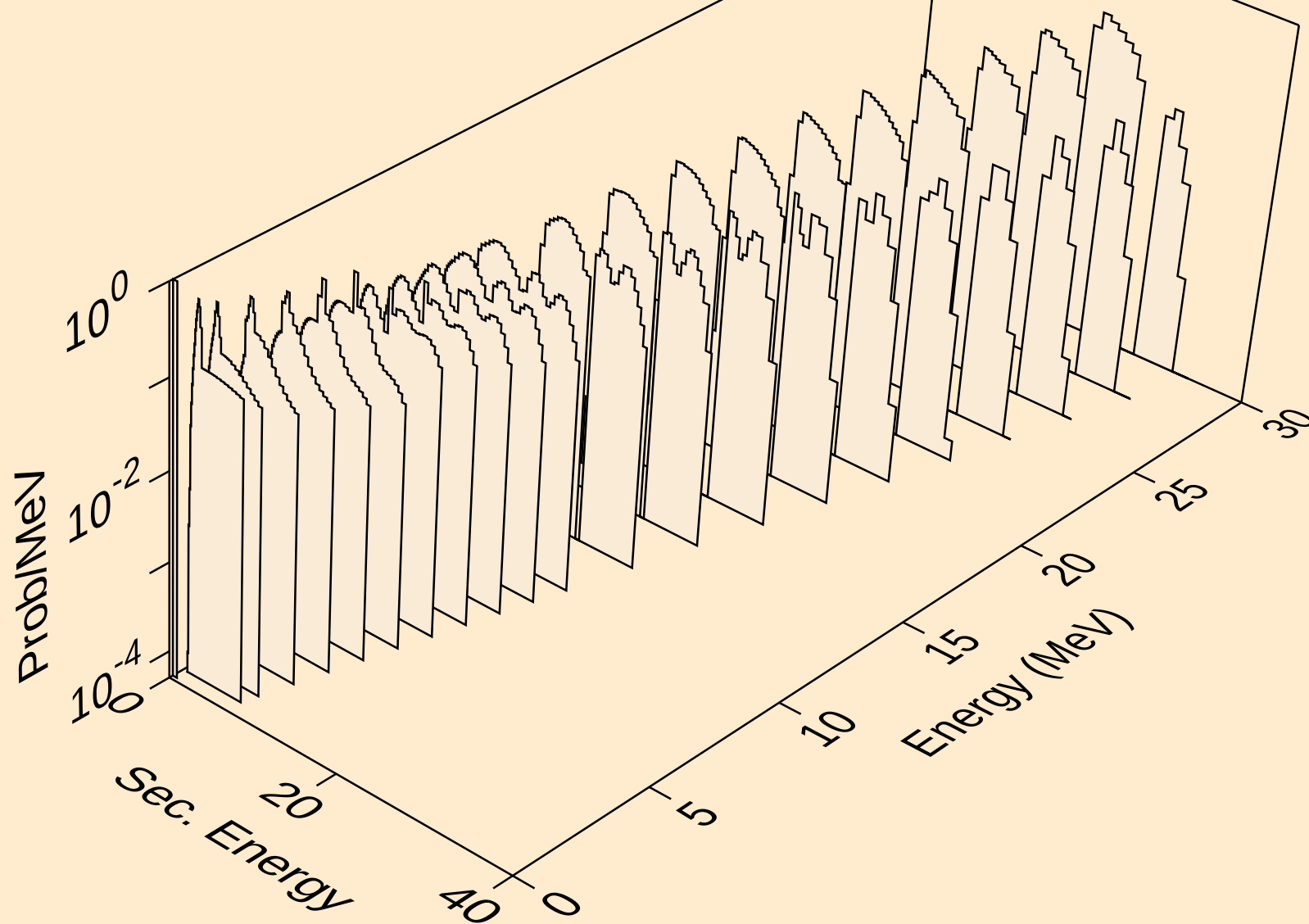
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (s,2nd)



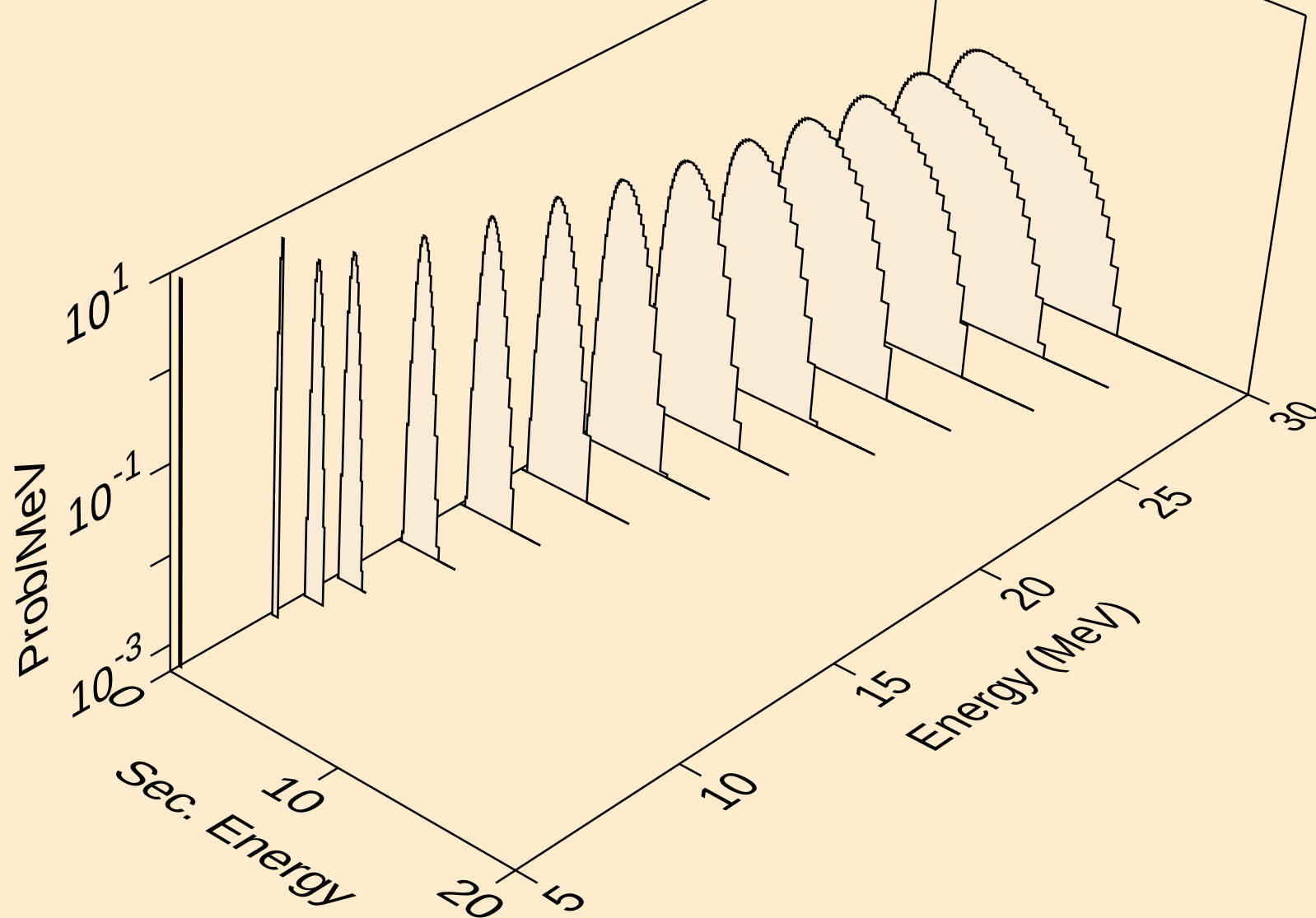
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (s,n*)d



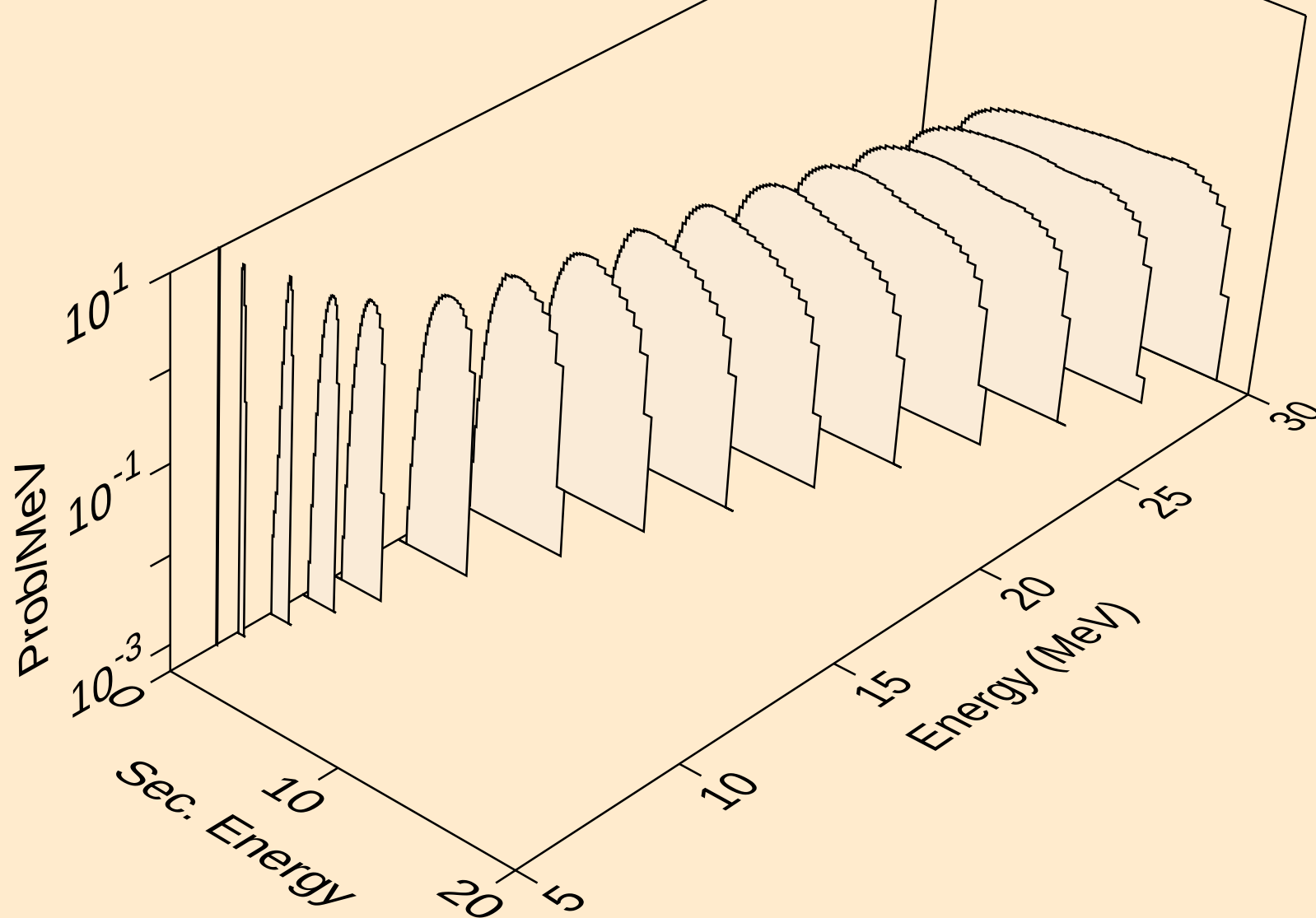
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (s,d)



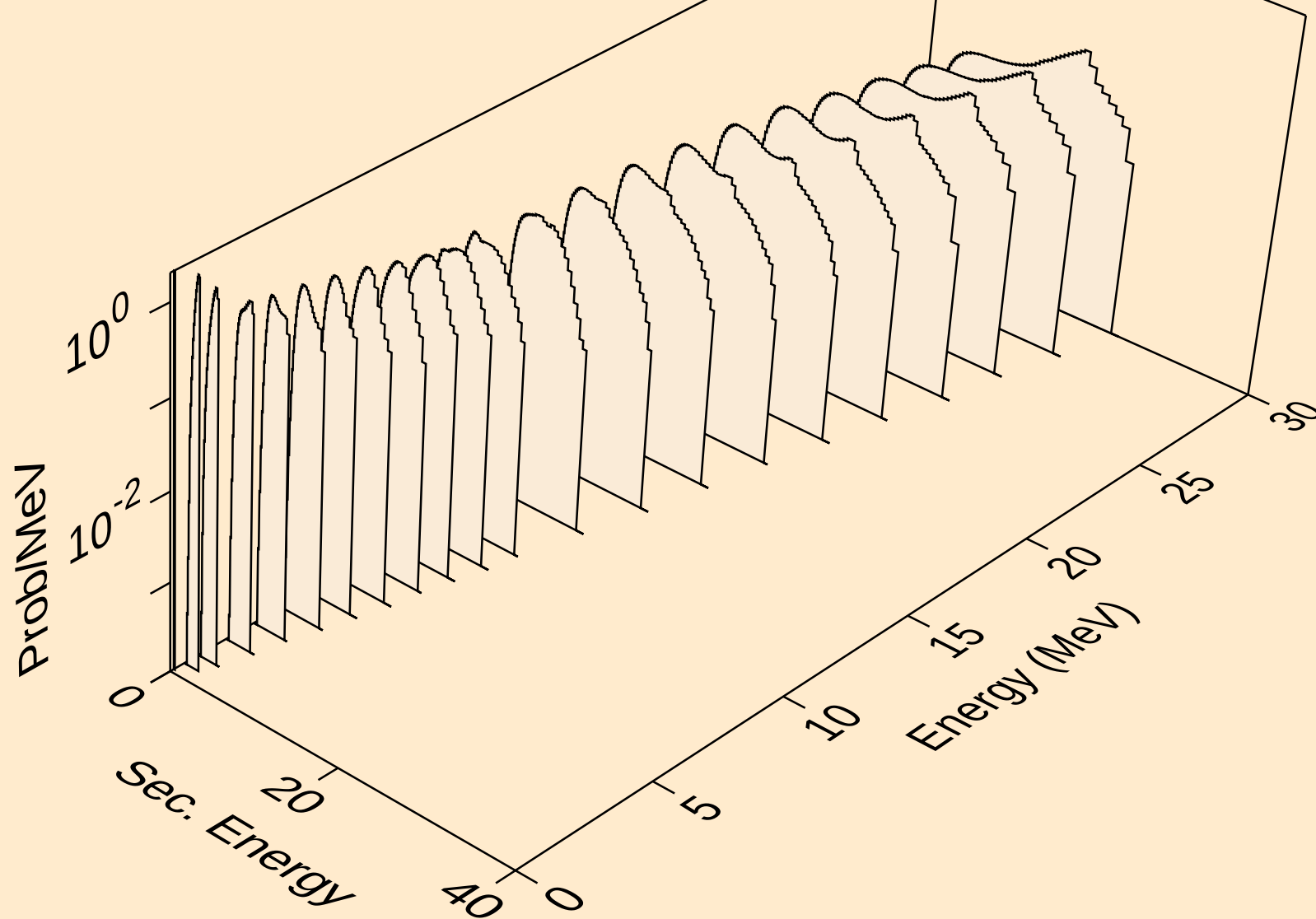
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (s,d2a)



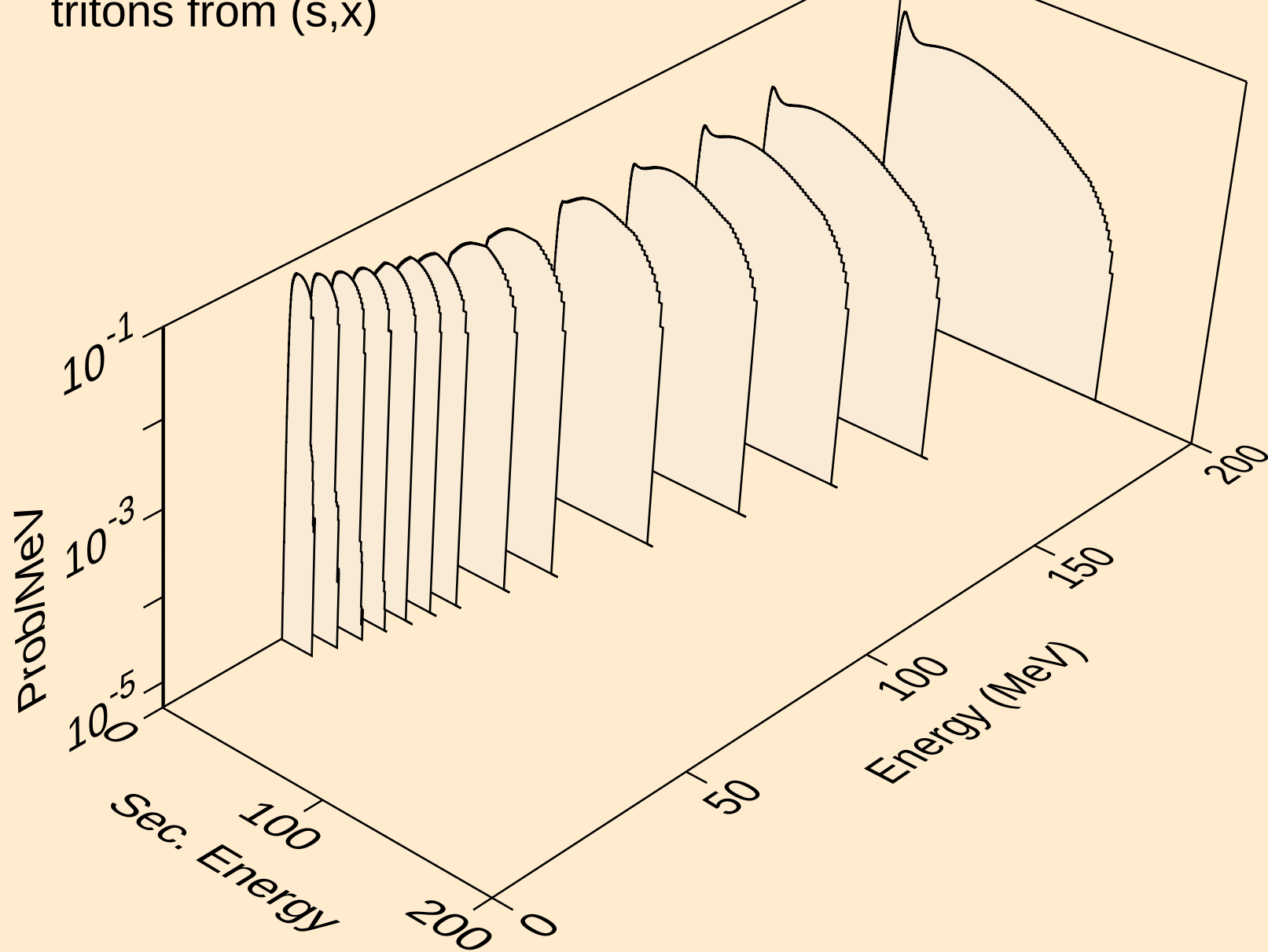
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (s,pd)



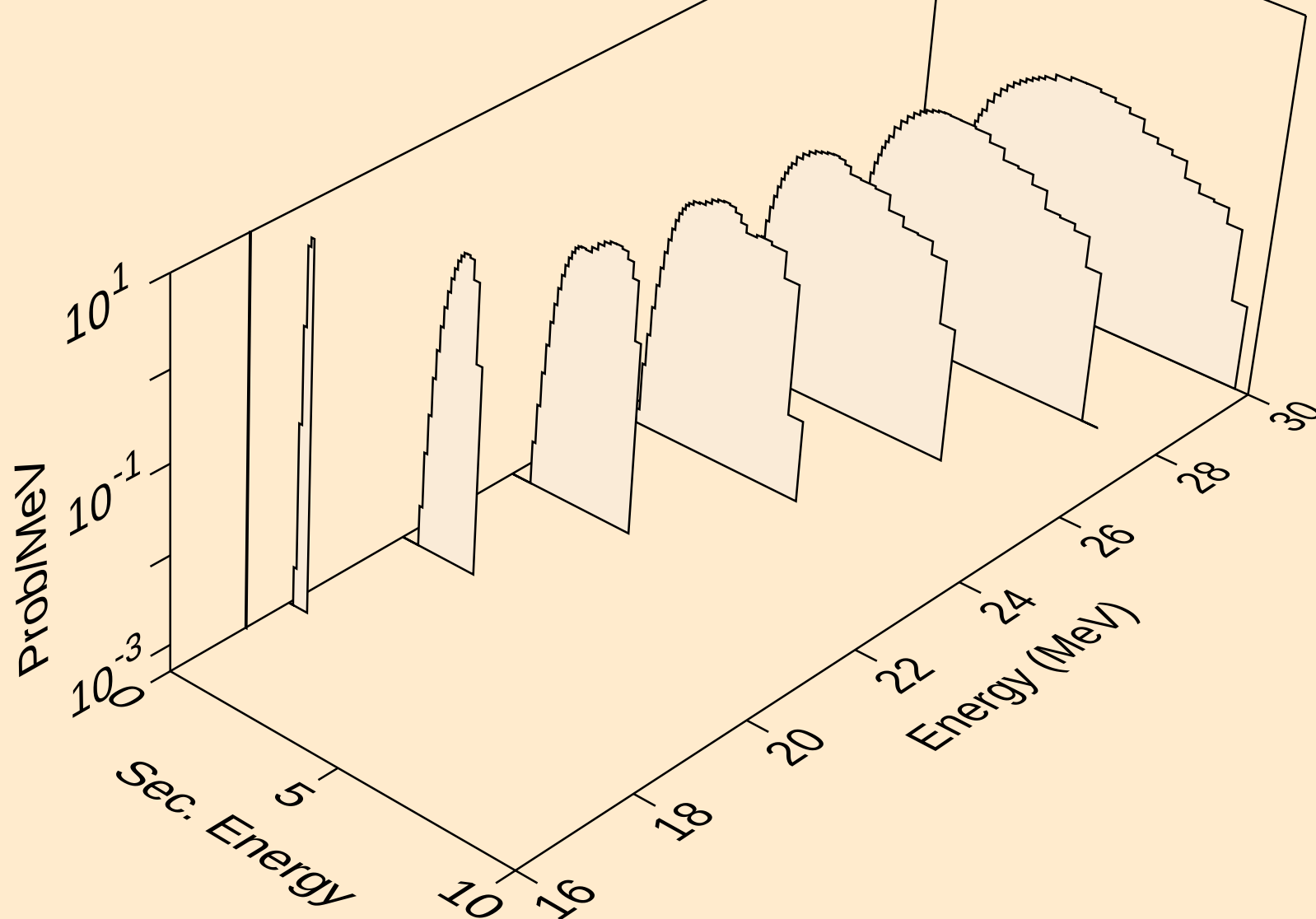
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (s,da)



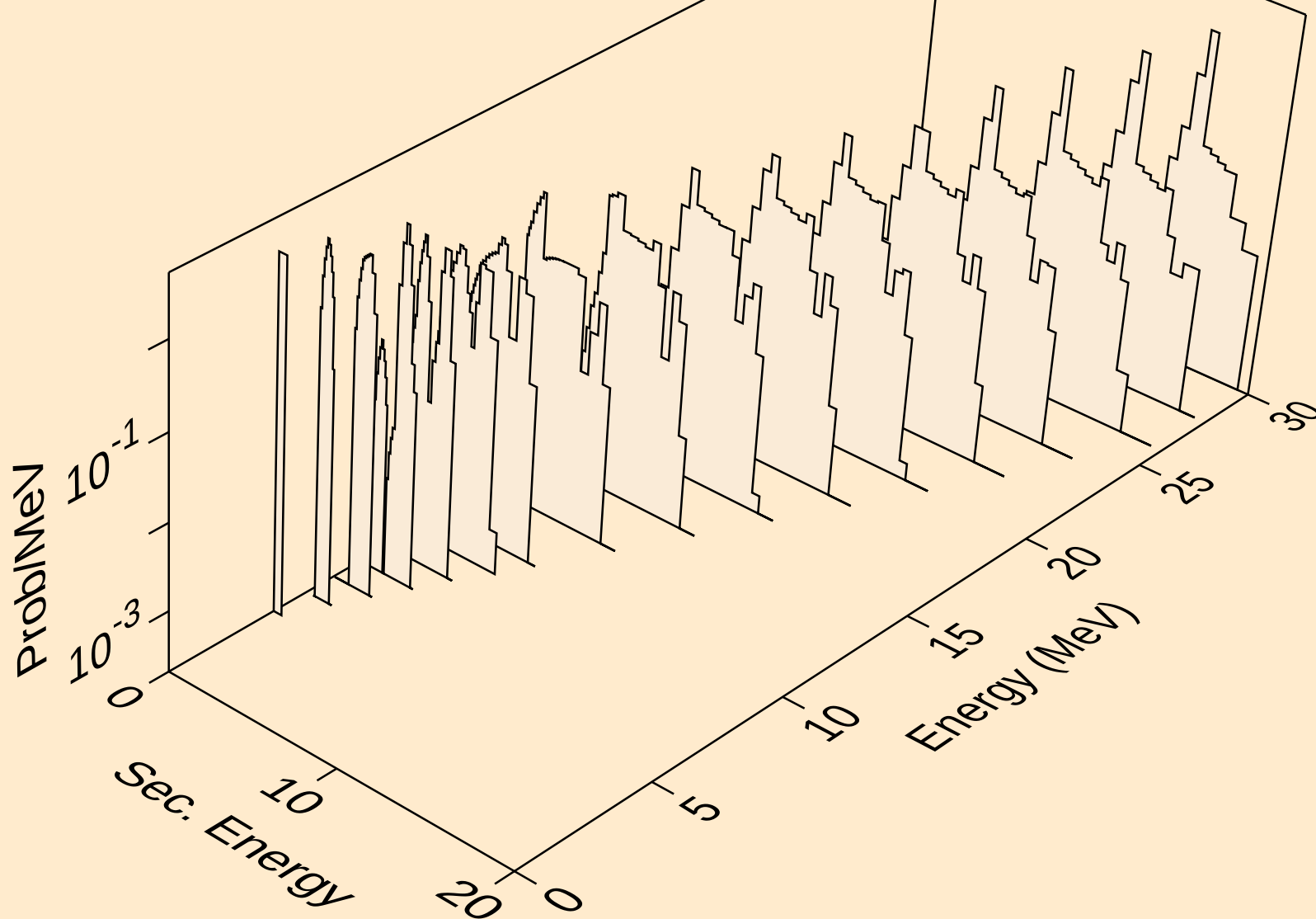
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
tritons from (s,x)



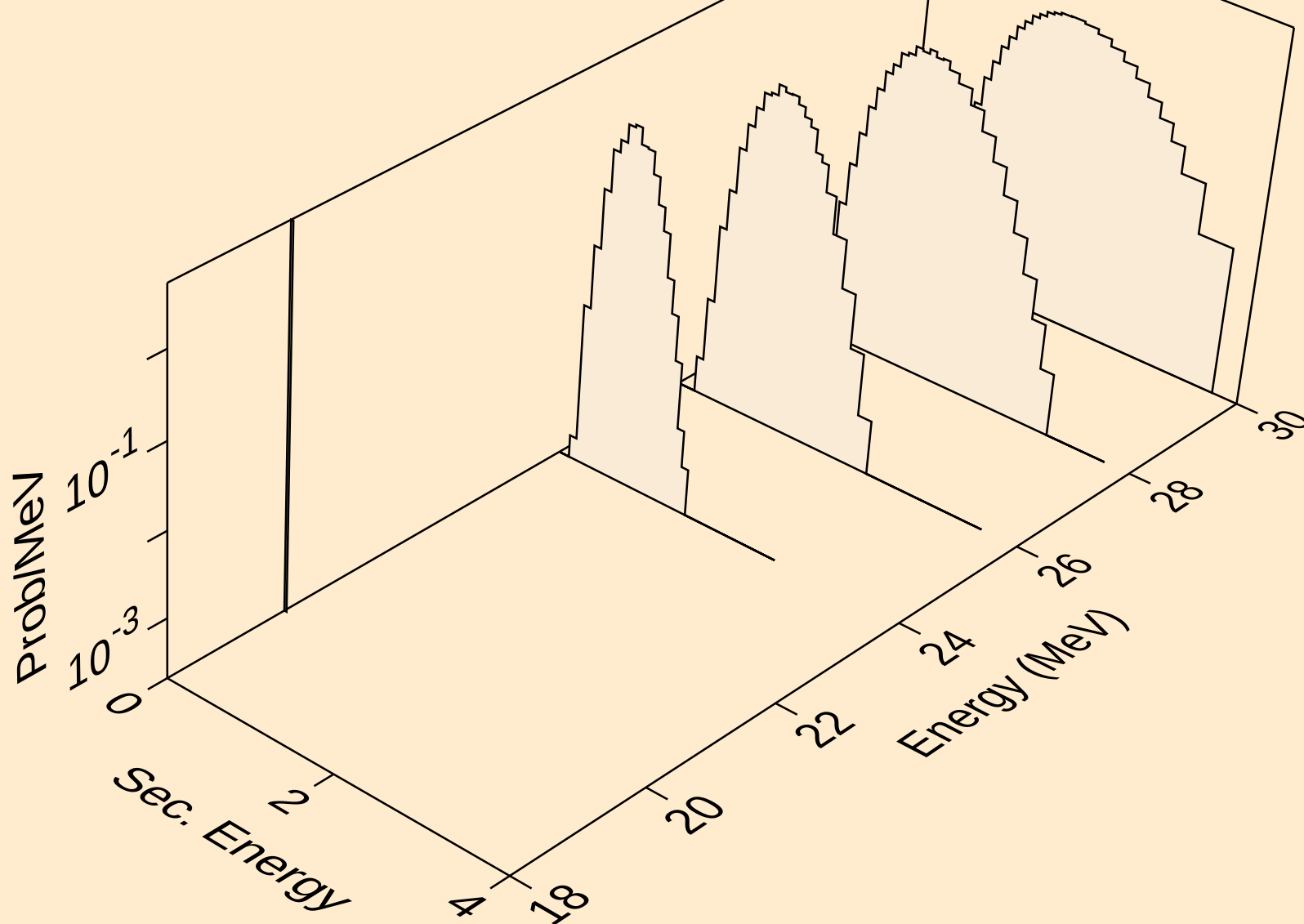
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
tritons from (s,n*)t



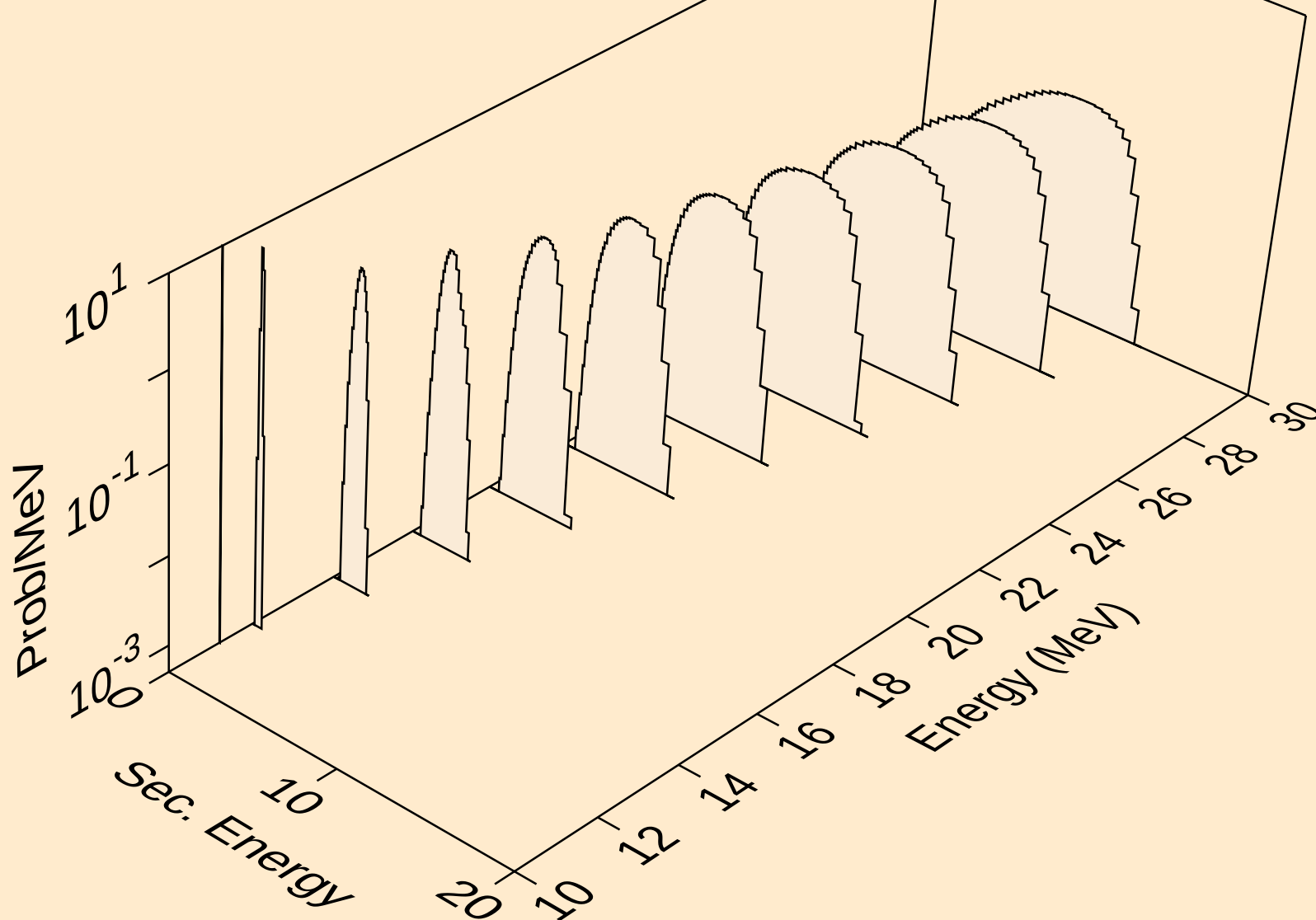
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
tritons from (s,t)



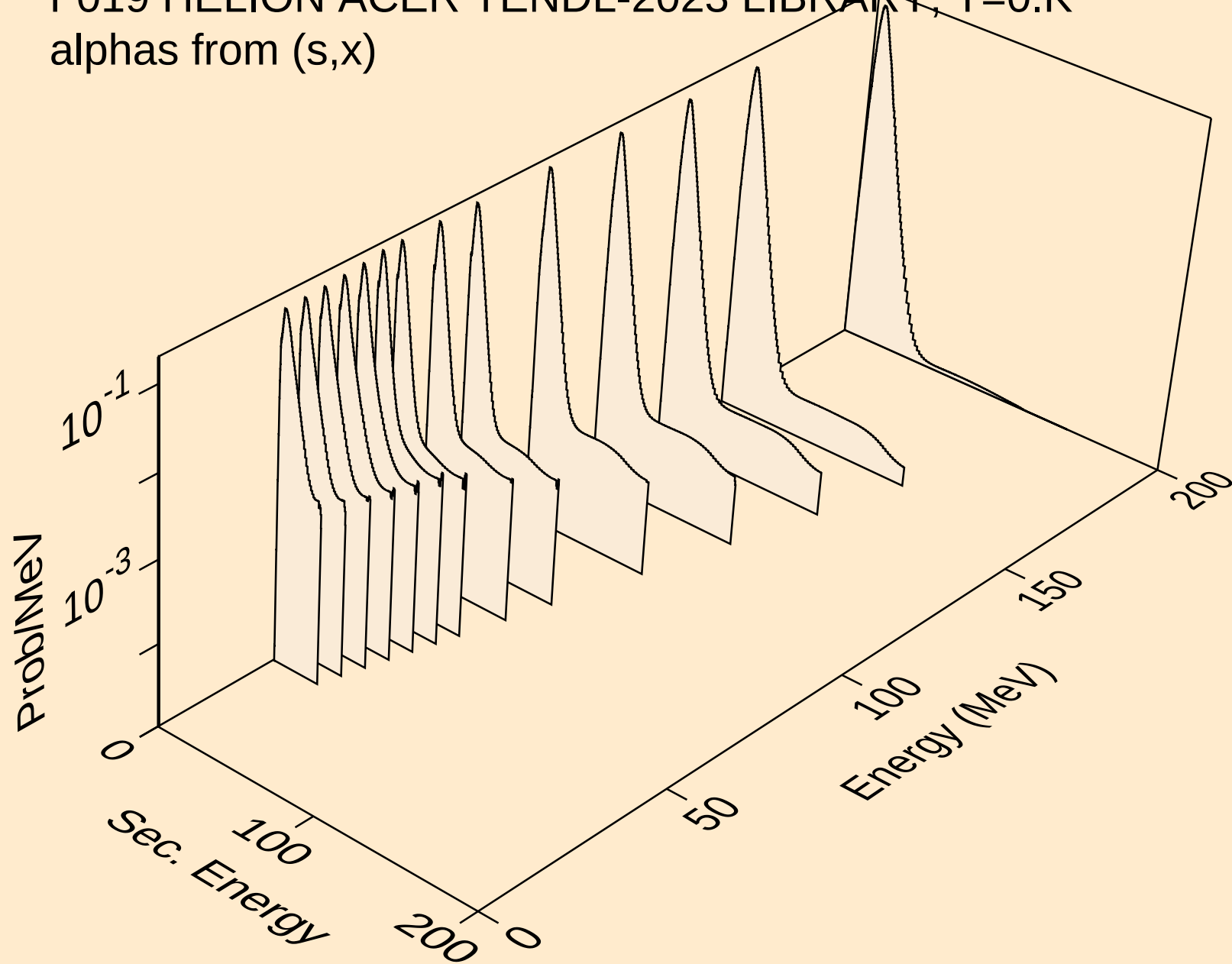
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
tritons from (s,t2a)



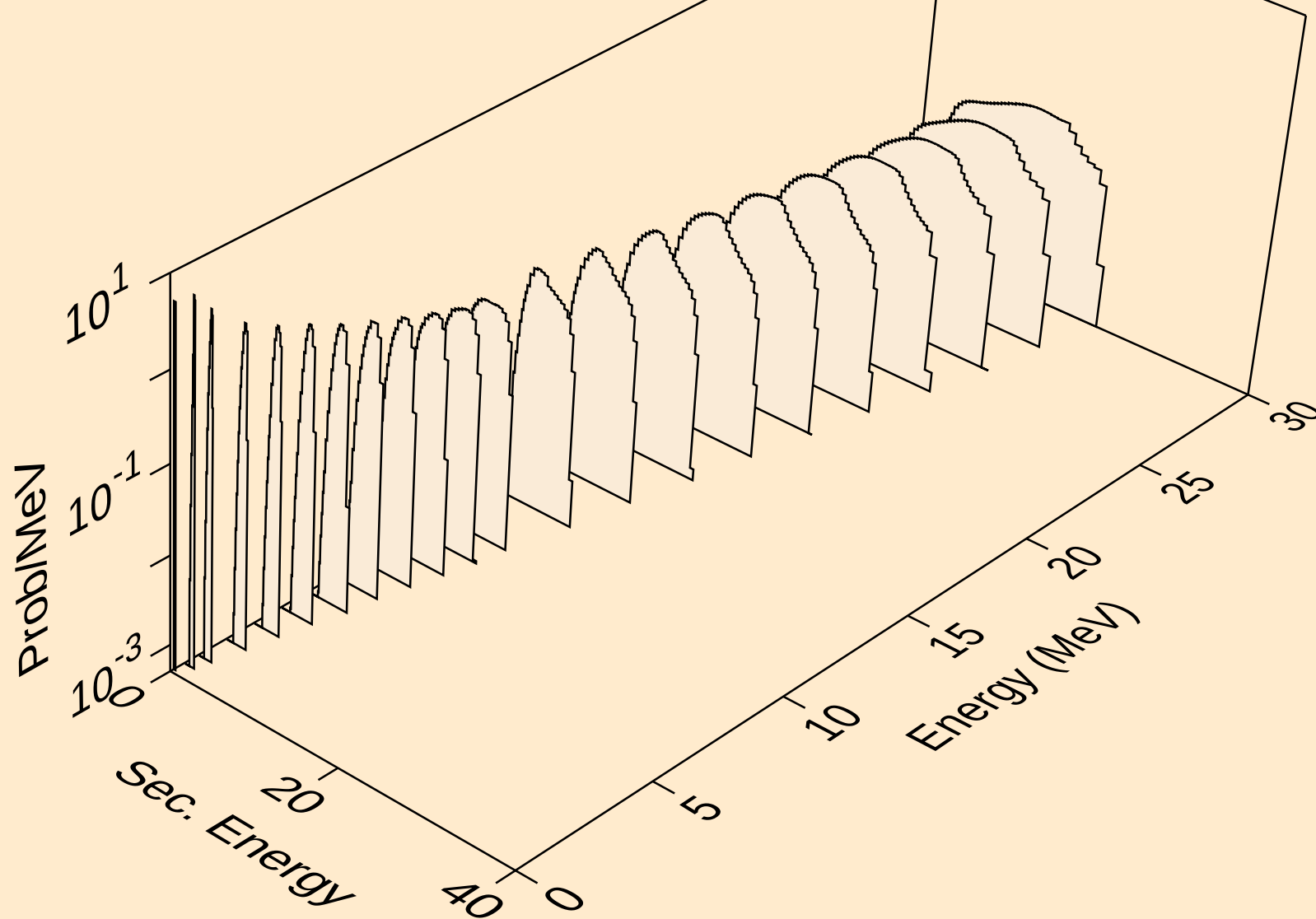
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
tritons from (s,pt)



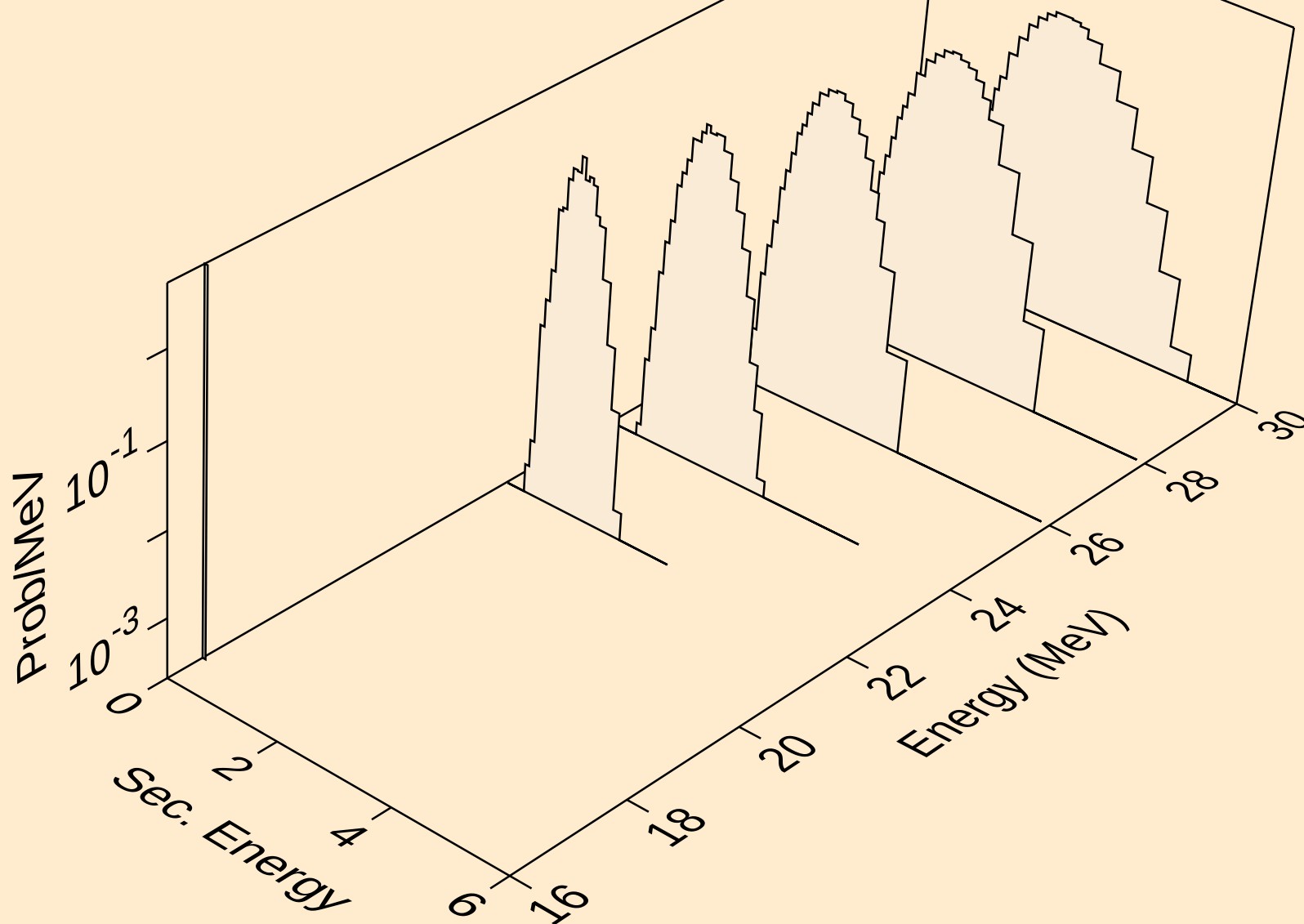
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,x)



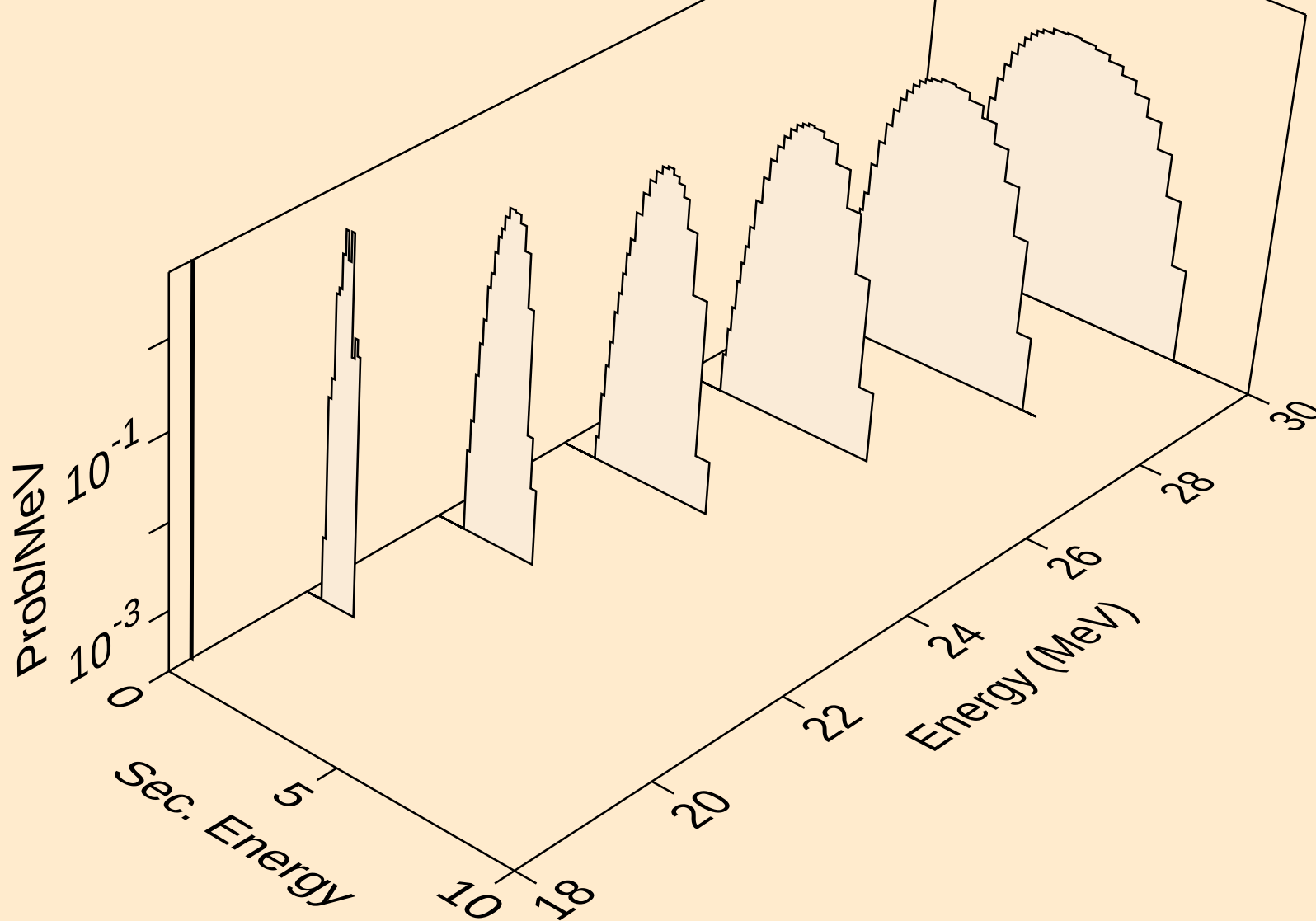
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,n*)a



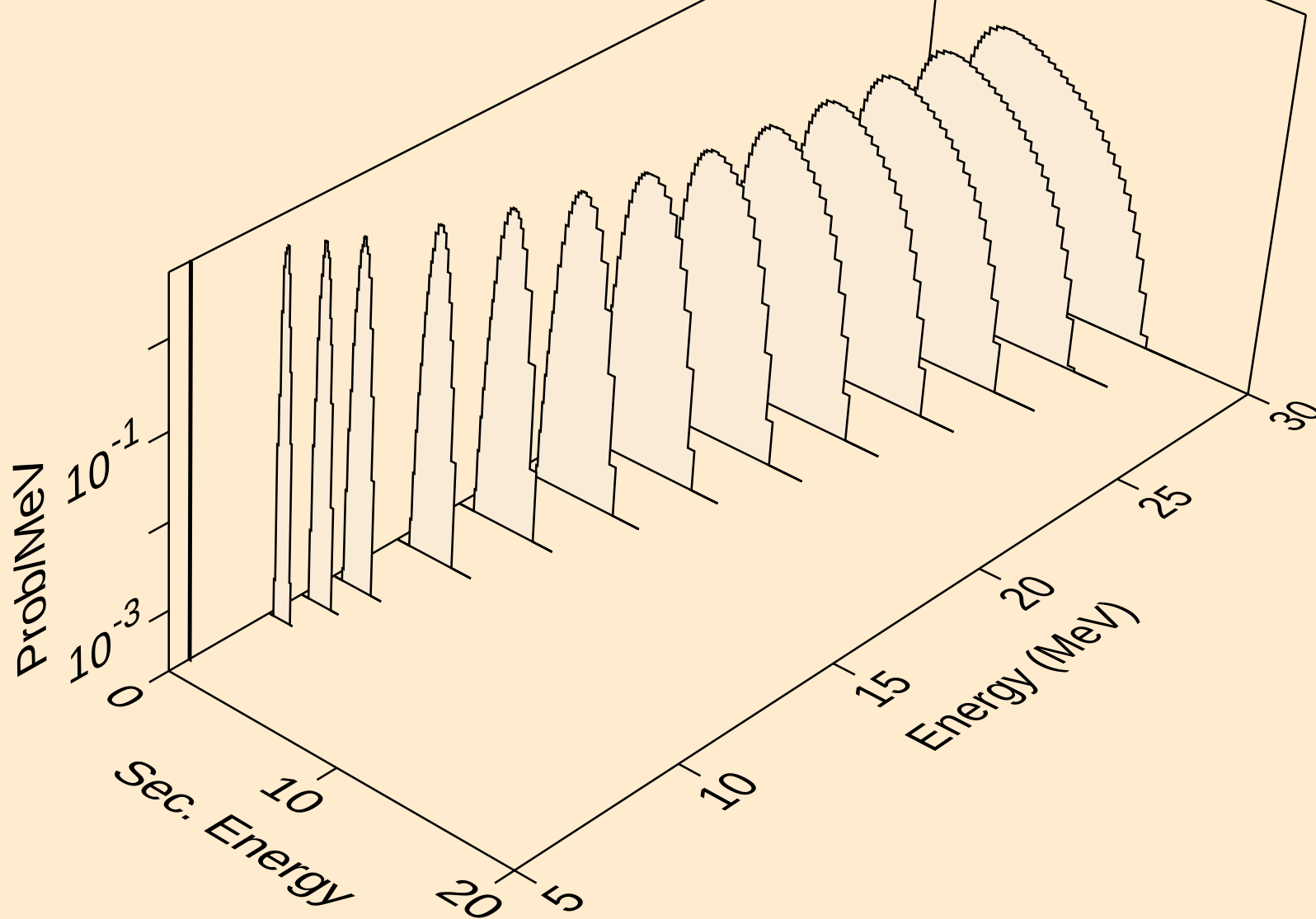
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,n*)3a



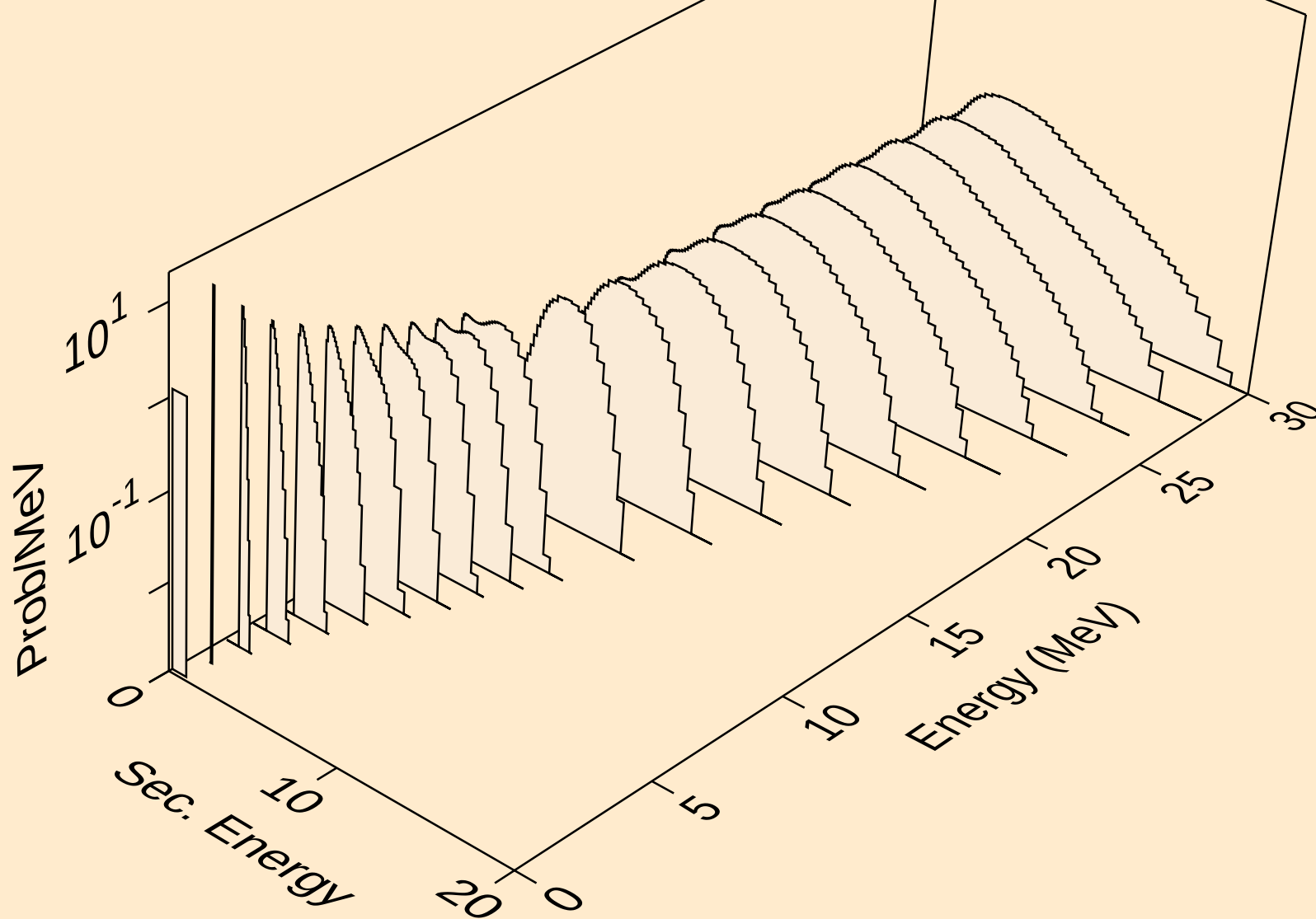
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,2n)a



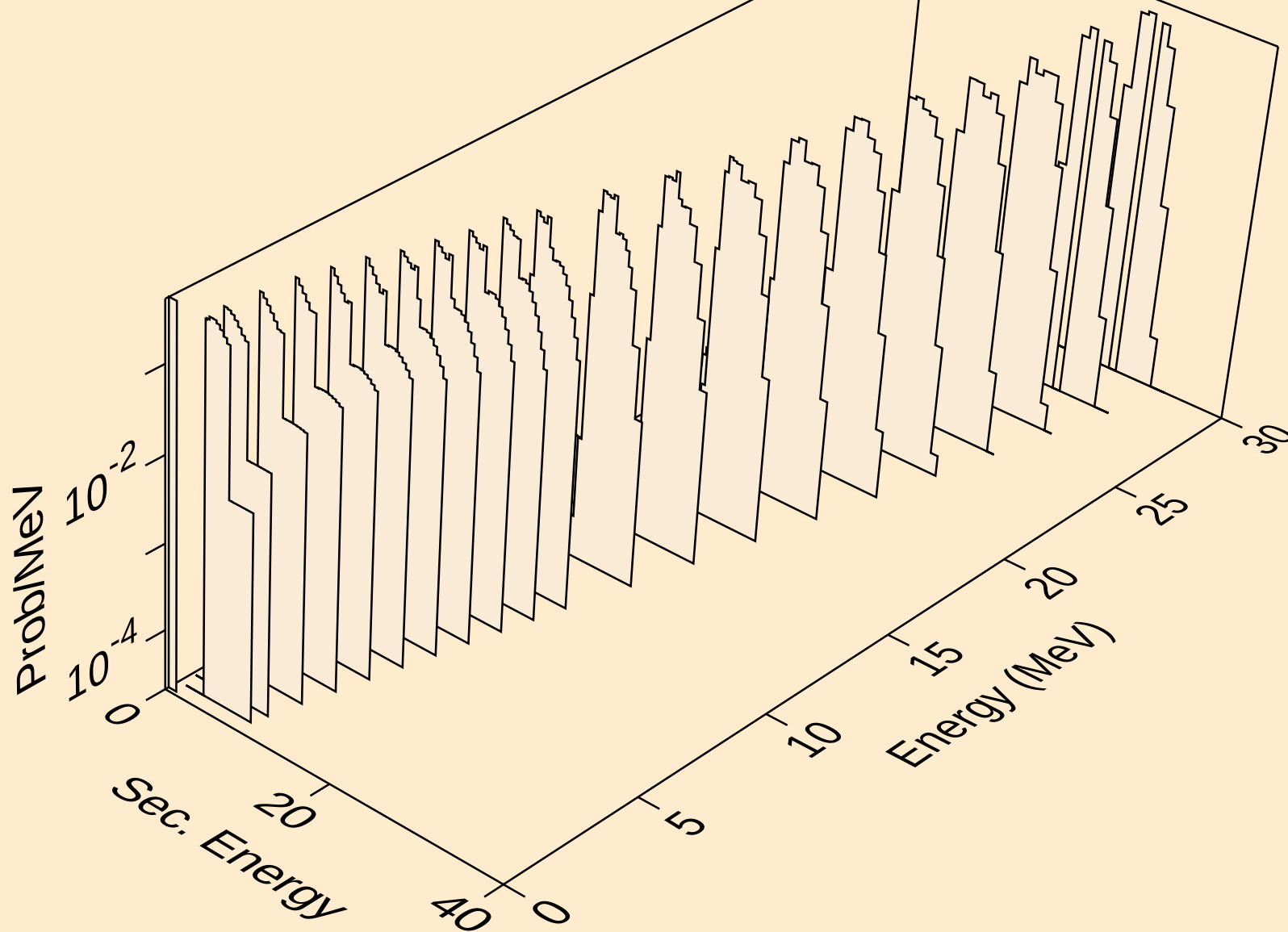
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,n*)2a



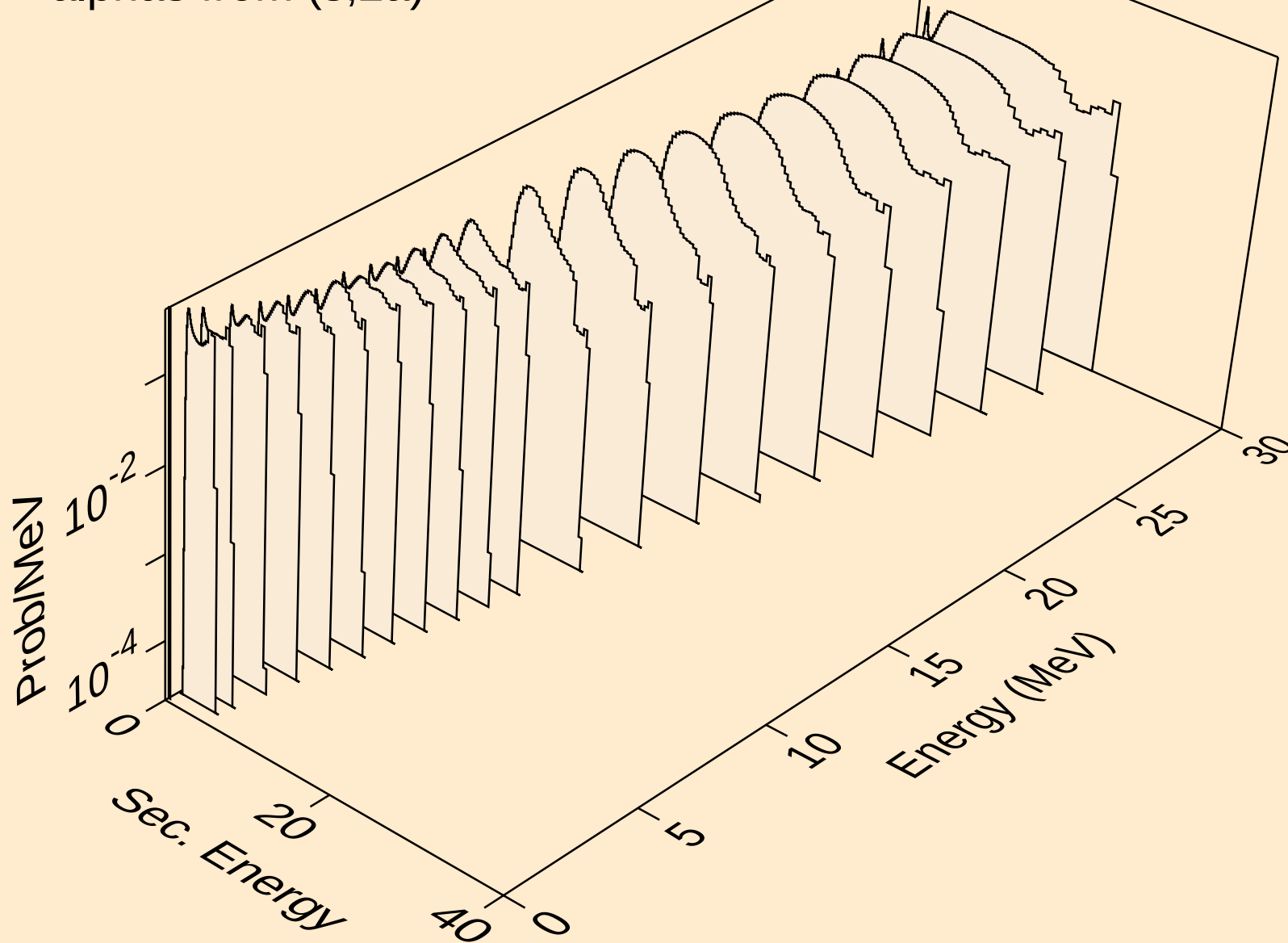
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,npa)



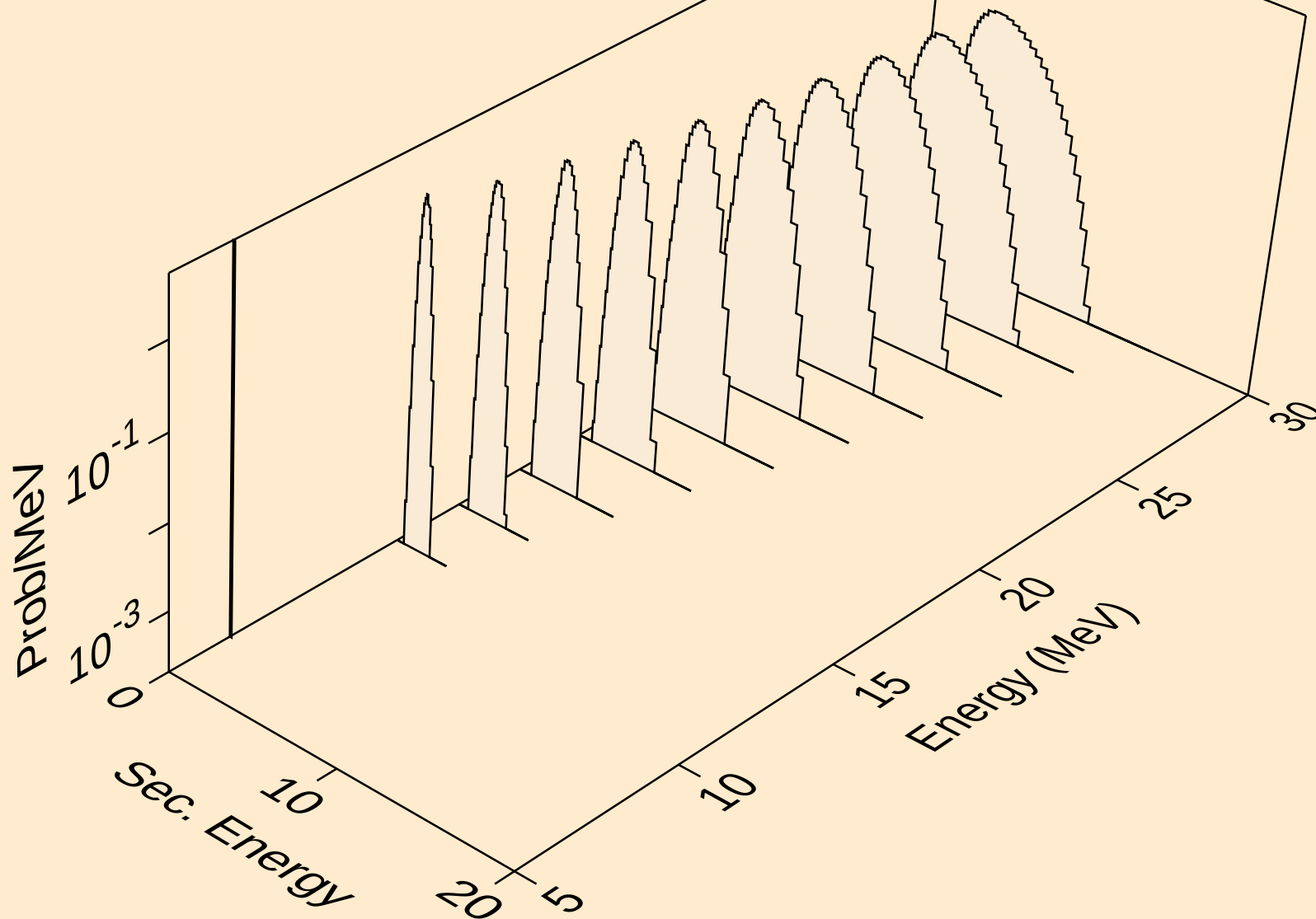
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,a)



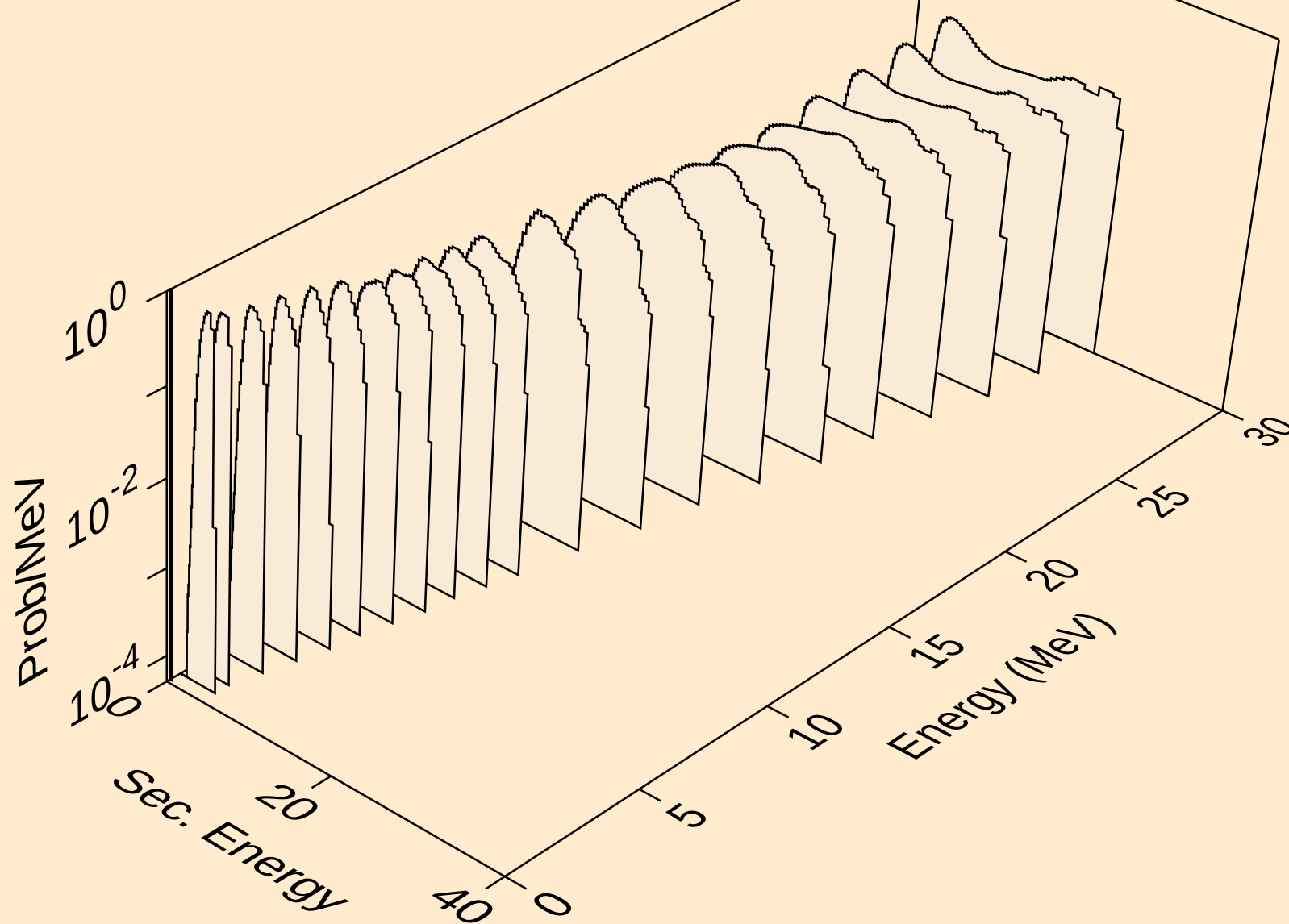
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,2a)



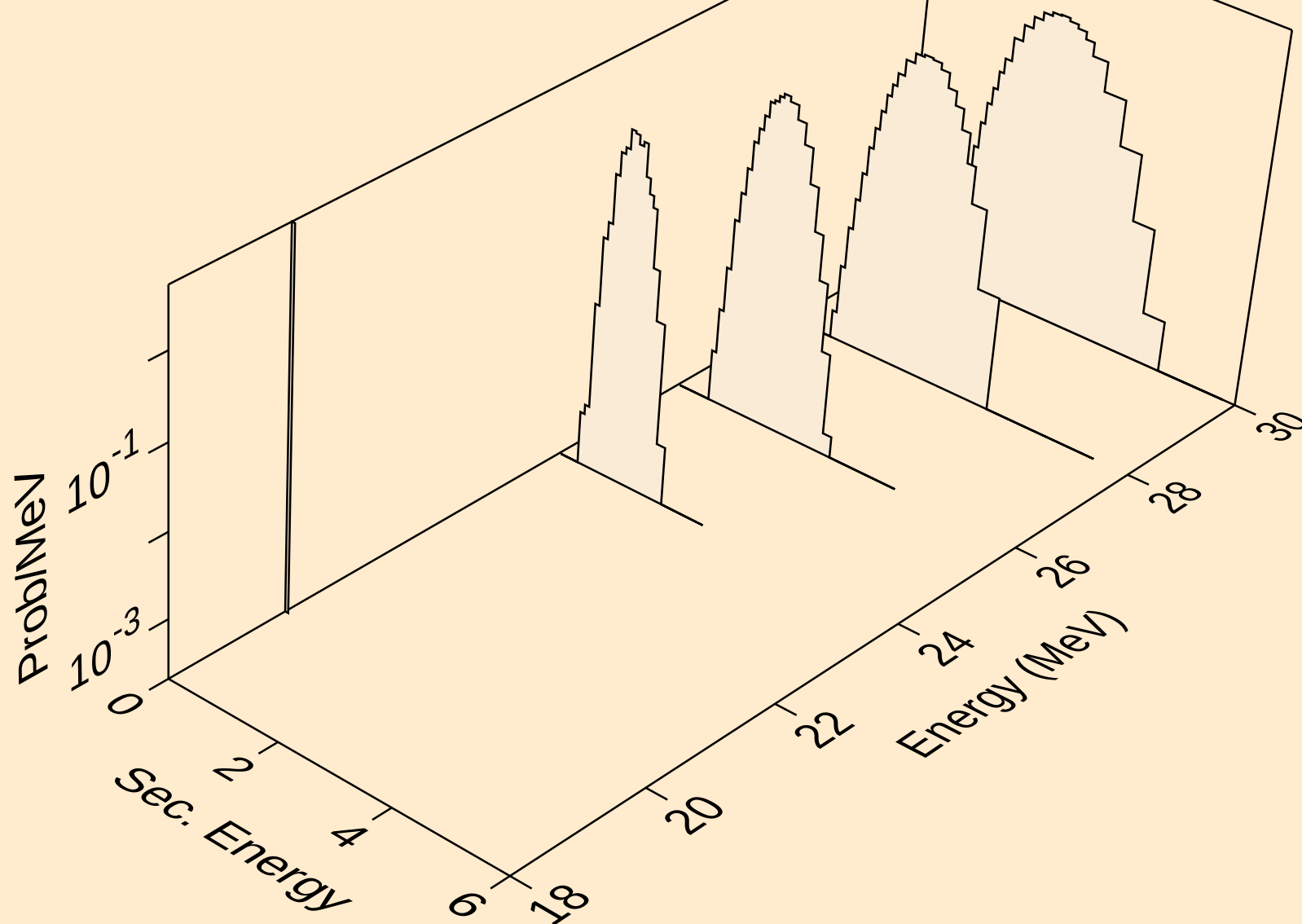
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,3a)



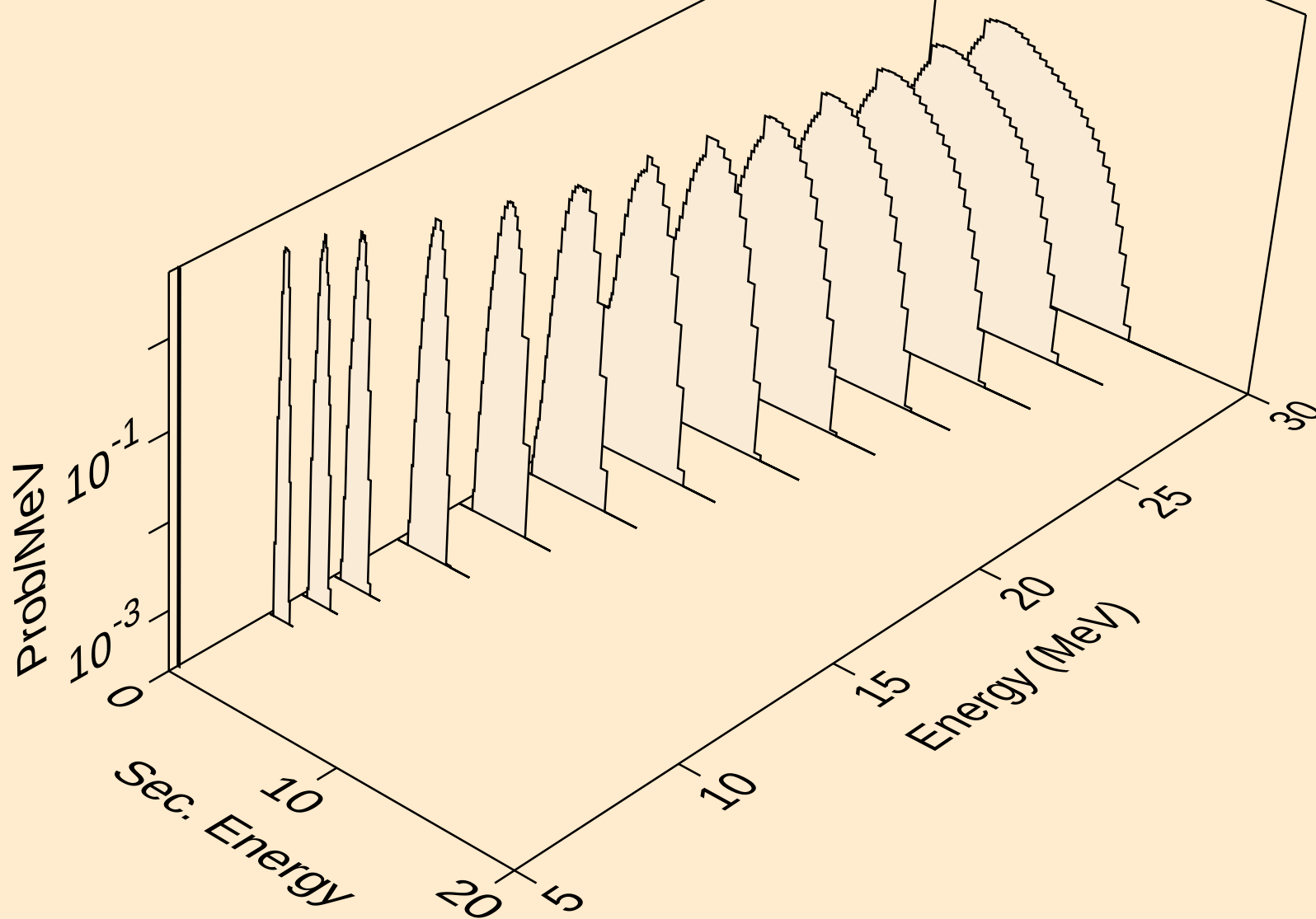
F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,pa)



F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,t2a)



F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,d2a)



F019 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,da)

