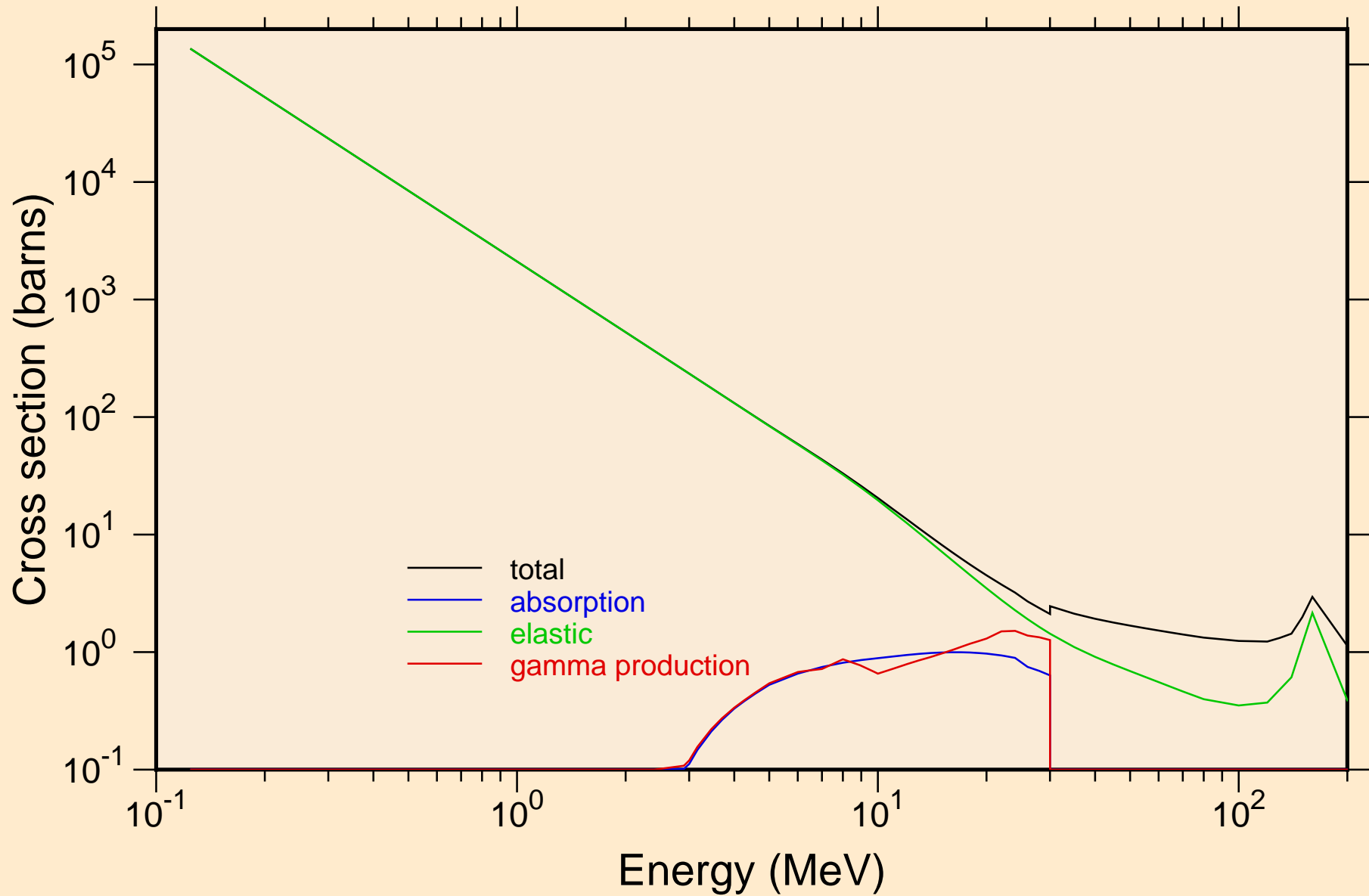
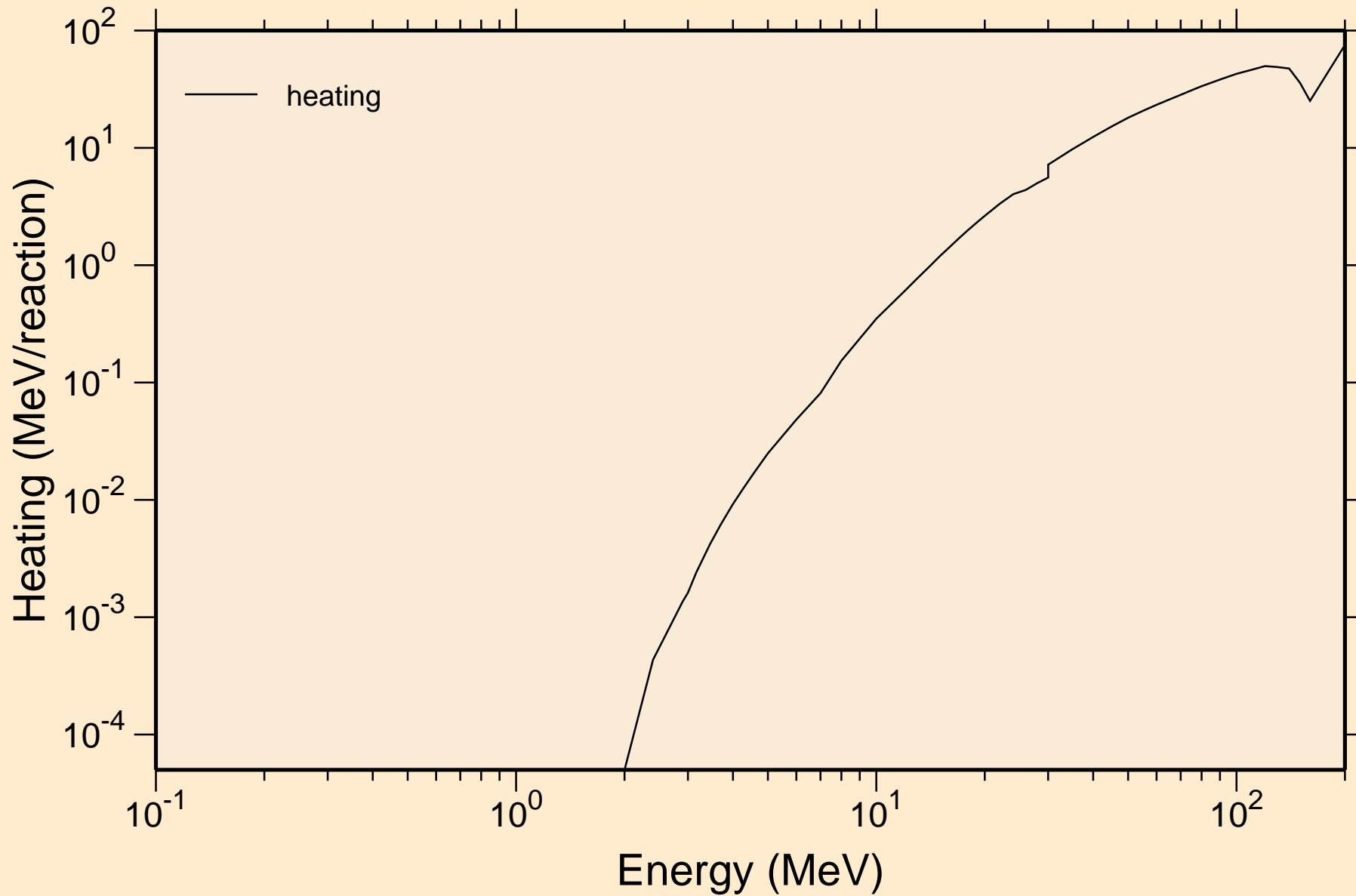


O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
Principal cross sections



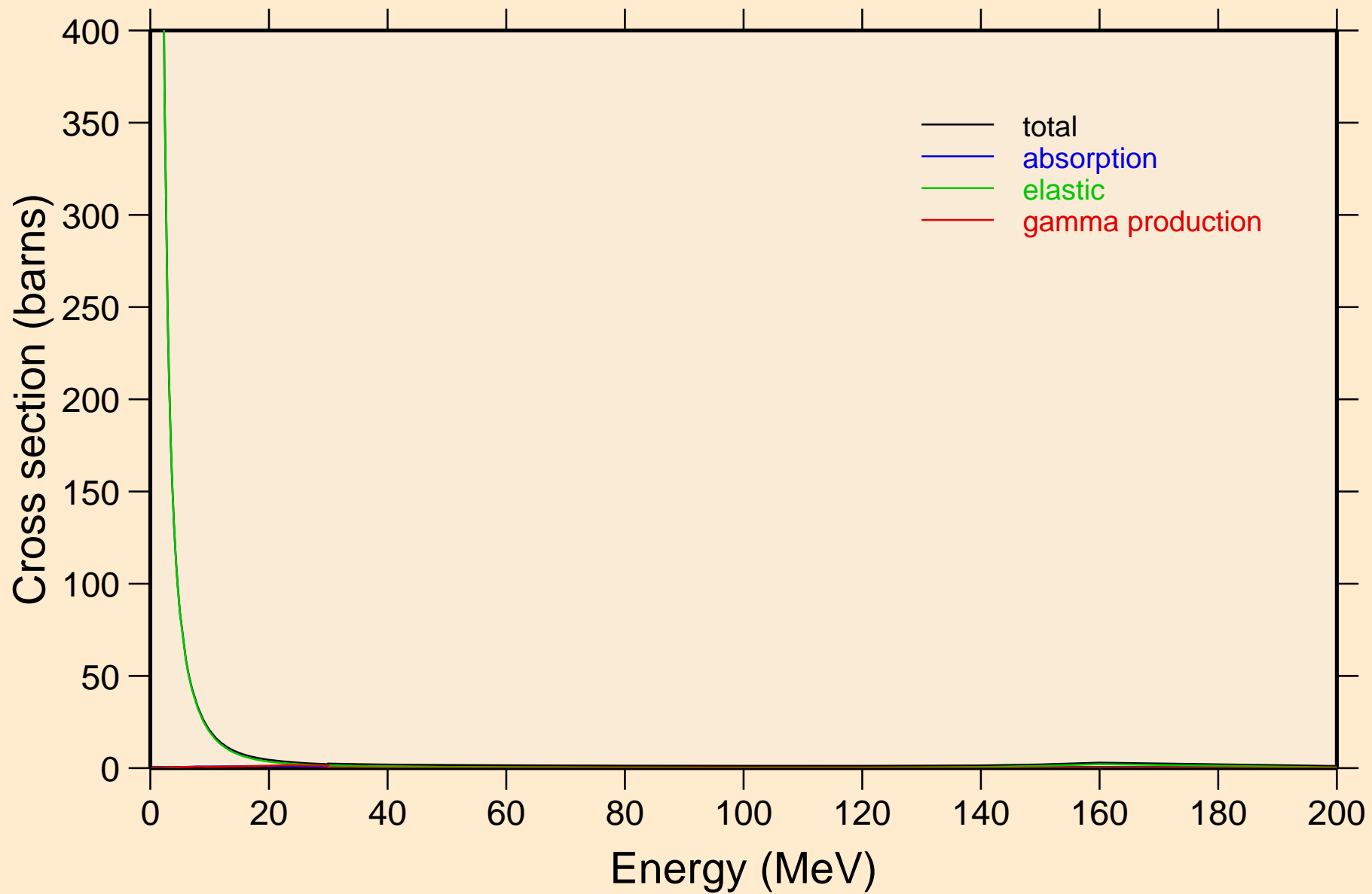
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K

Heating



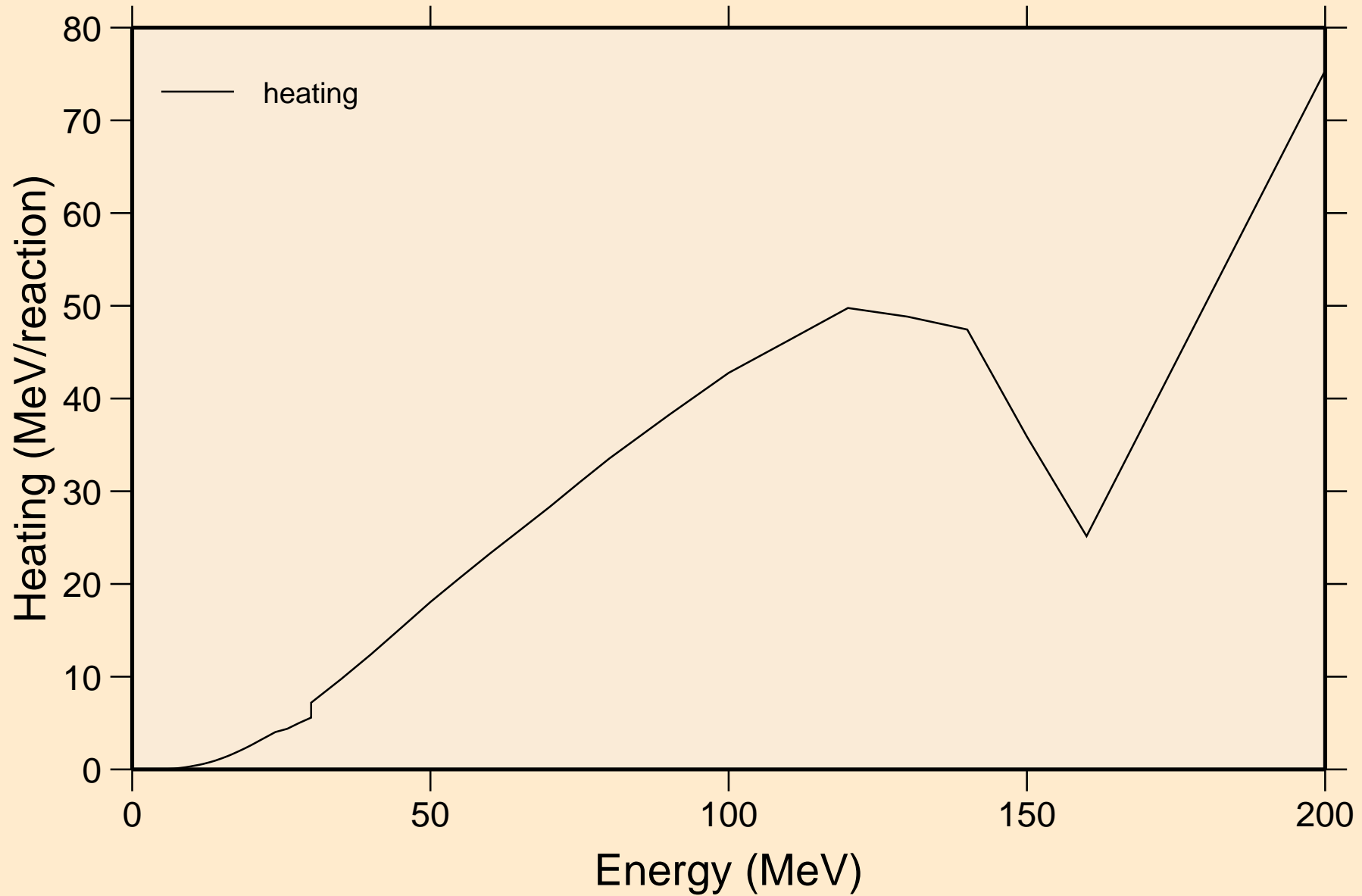
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections

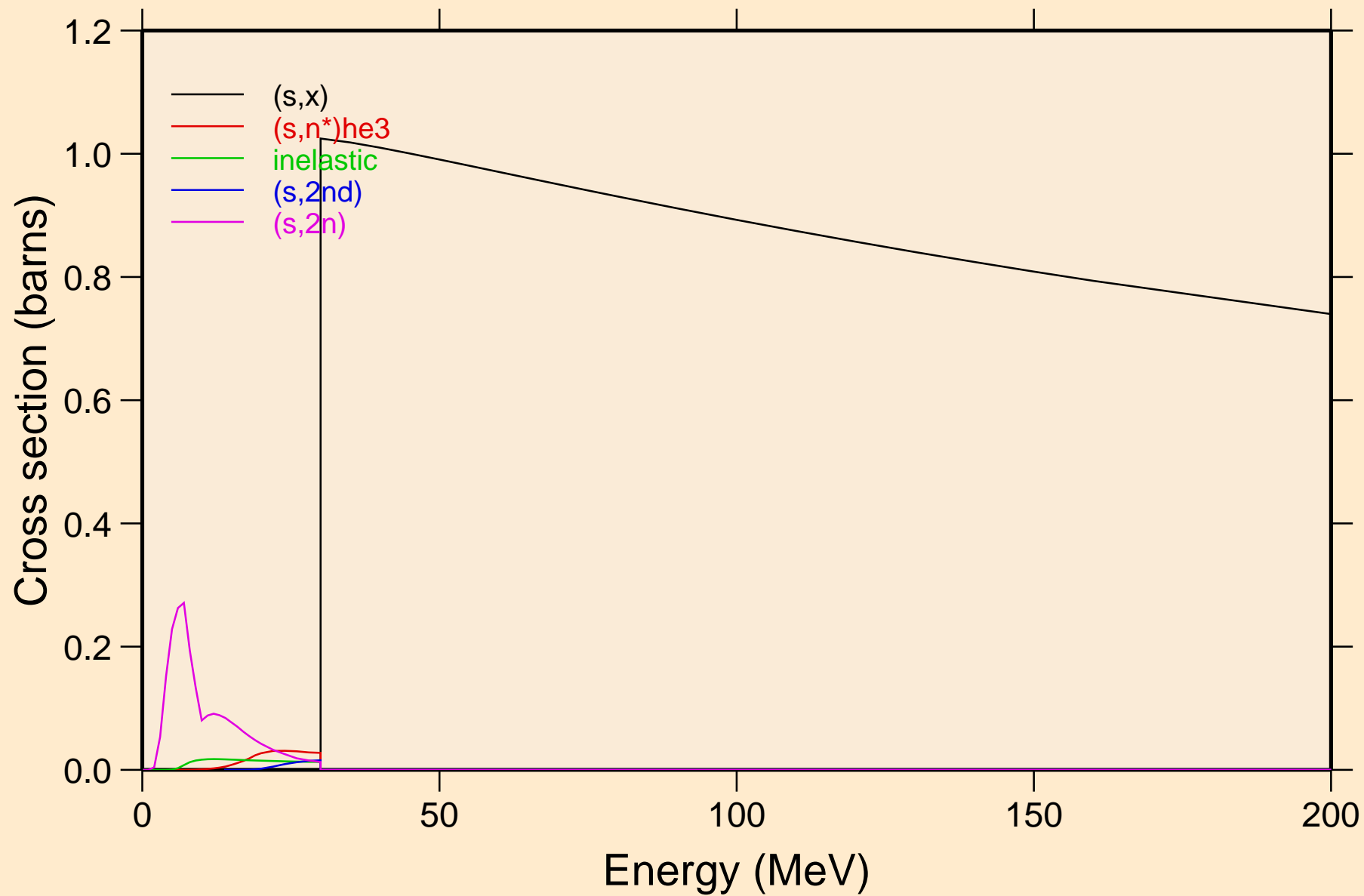


O019 HELION ACER TENDL-2024 LIBRARY; T=0.K

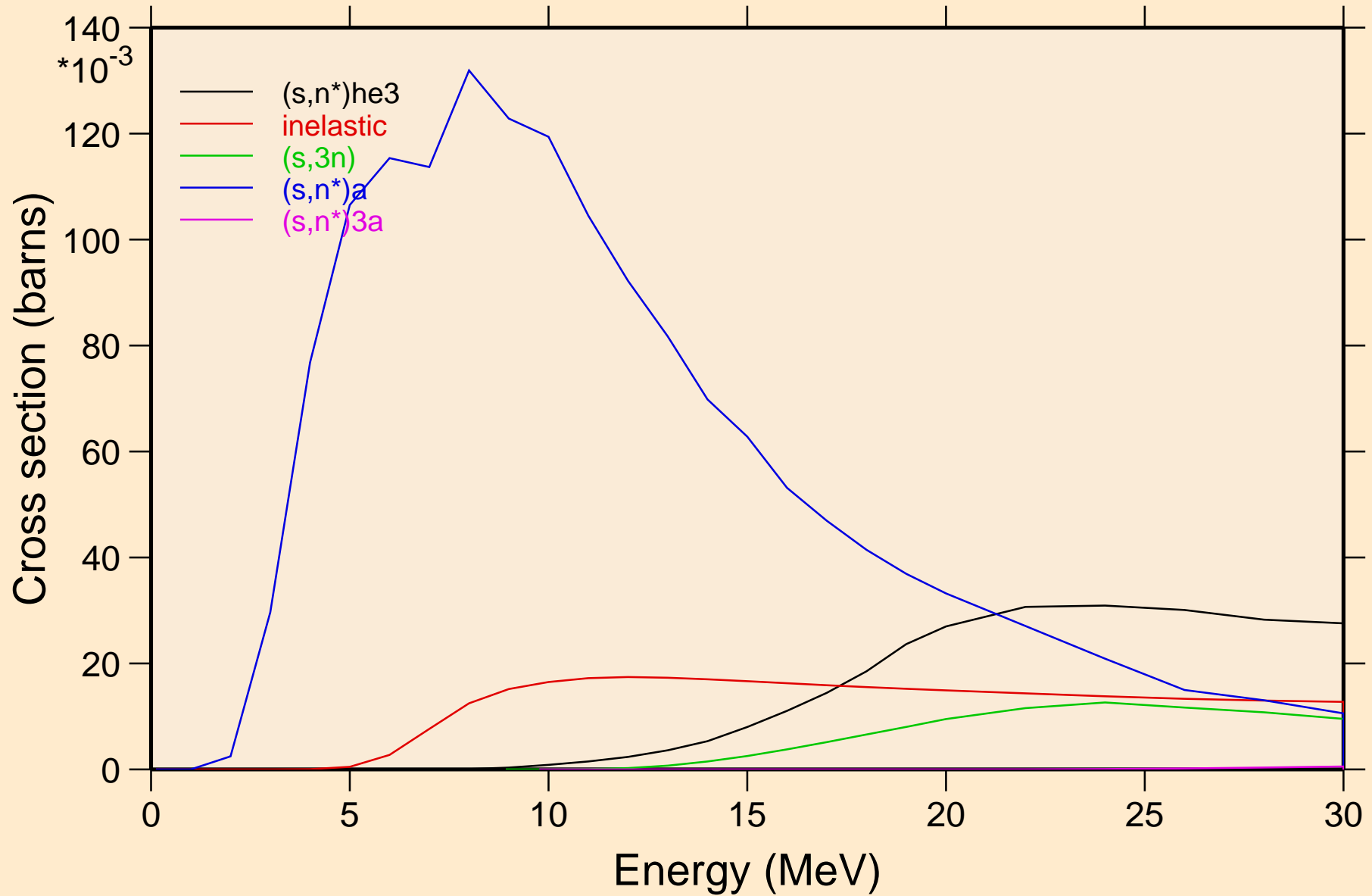
Heating



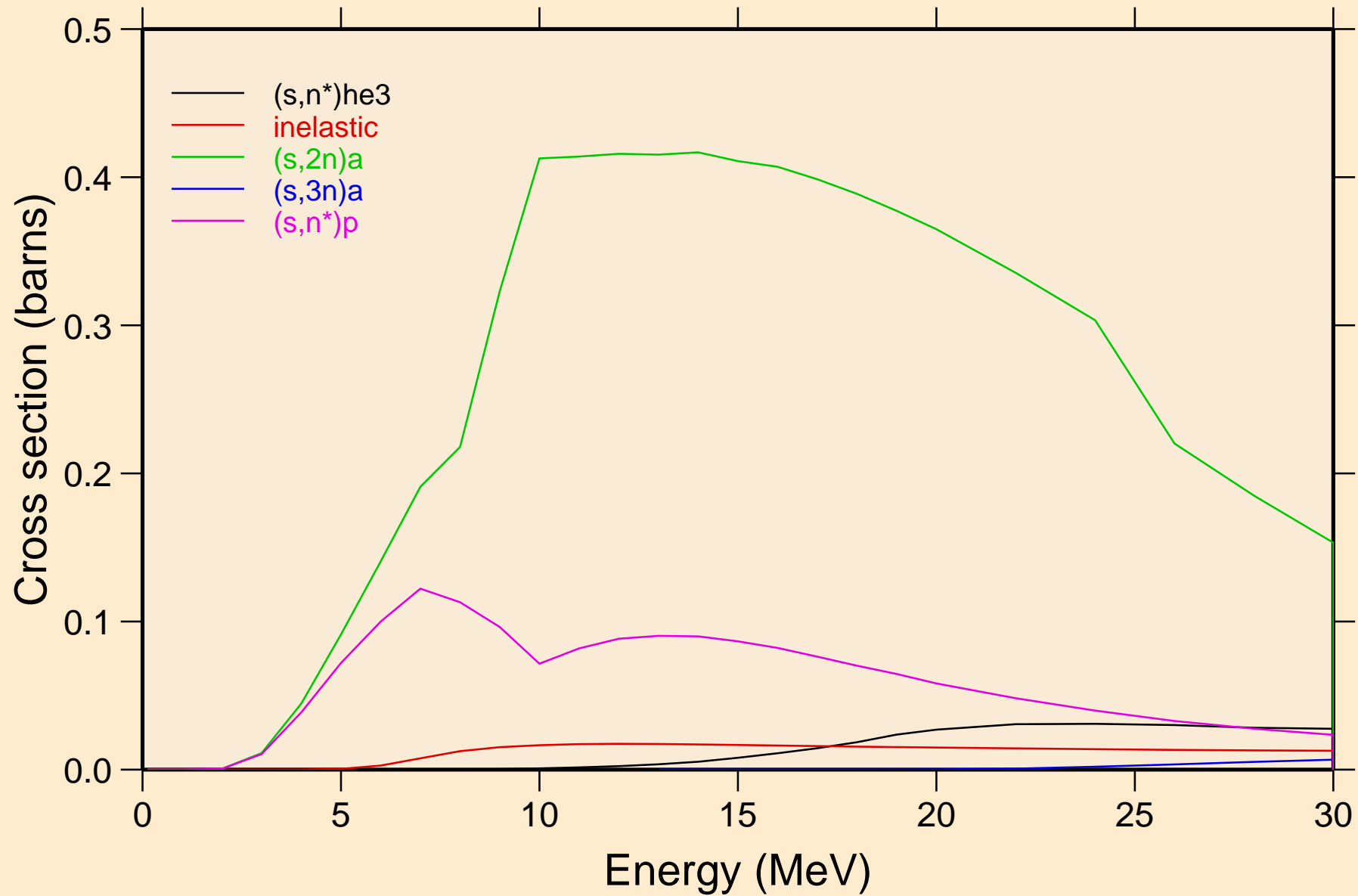
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions



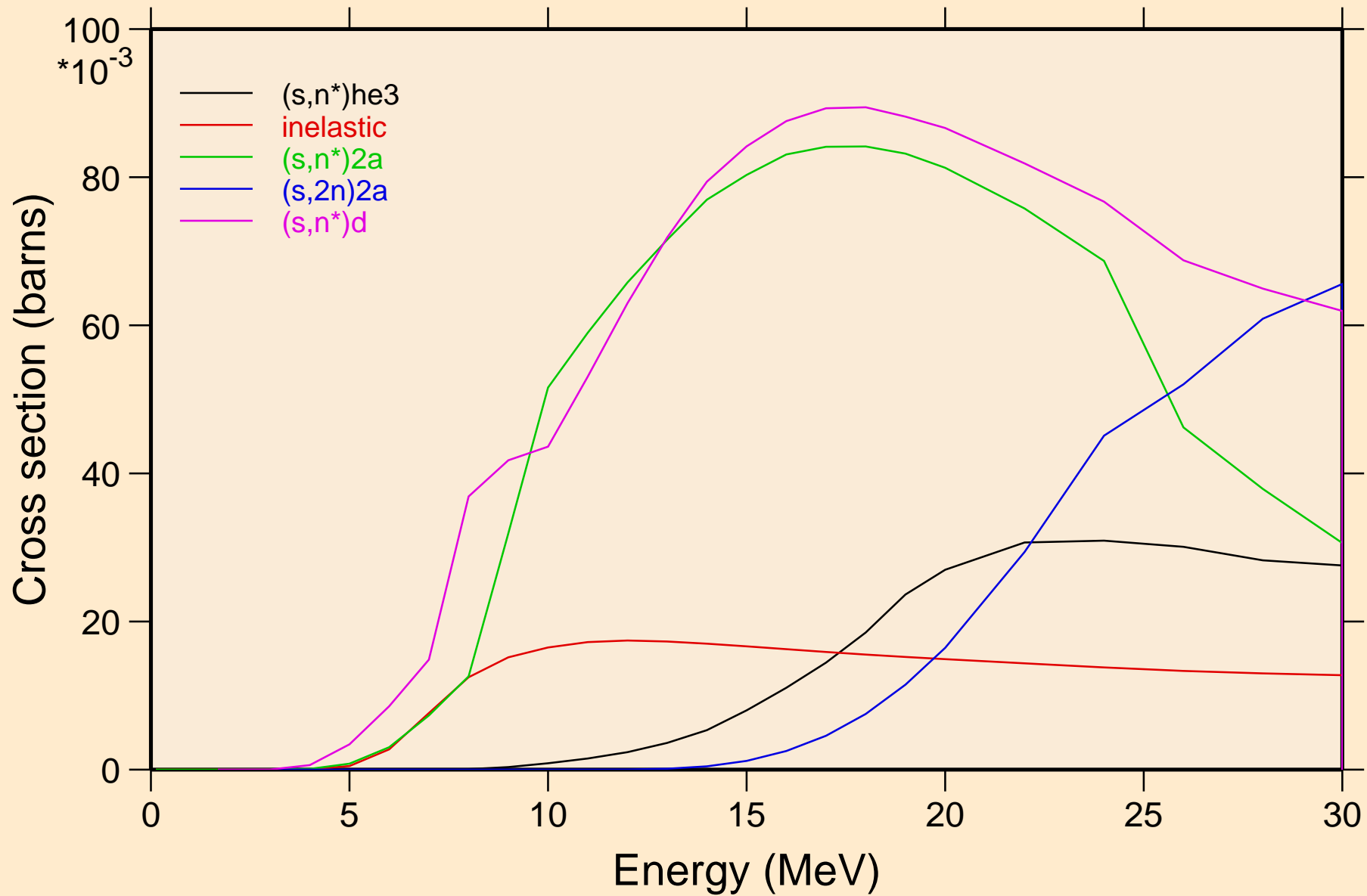
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions



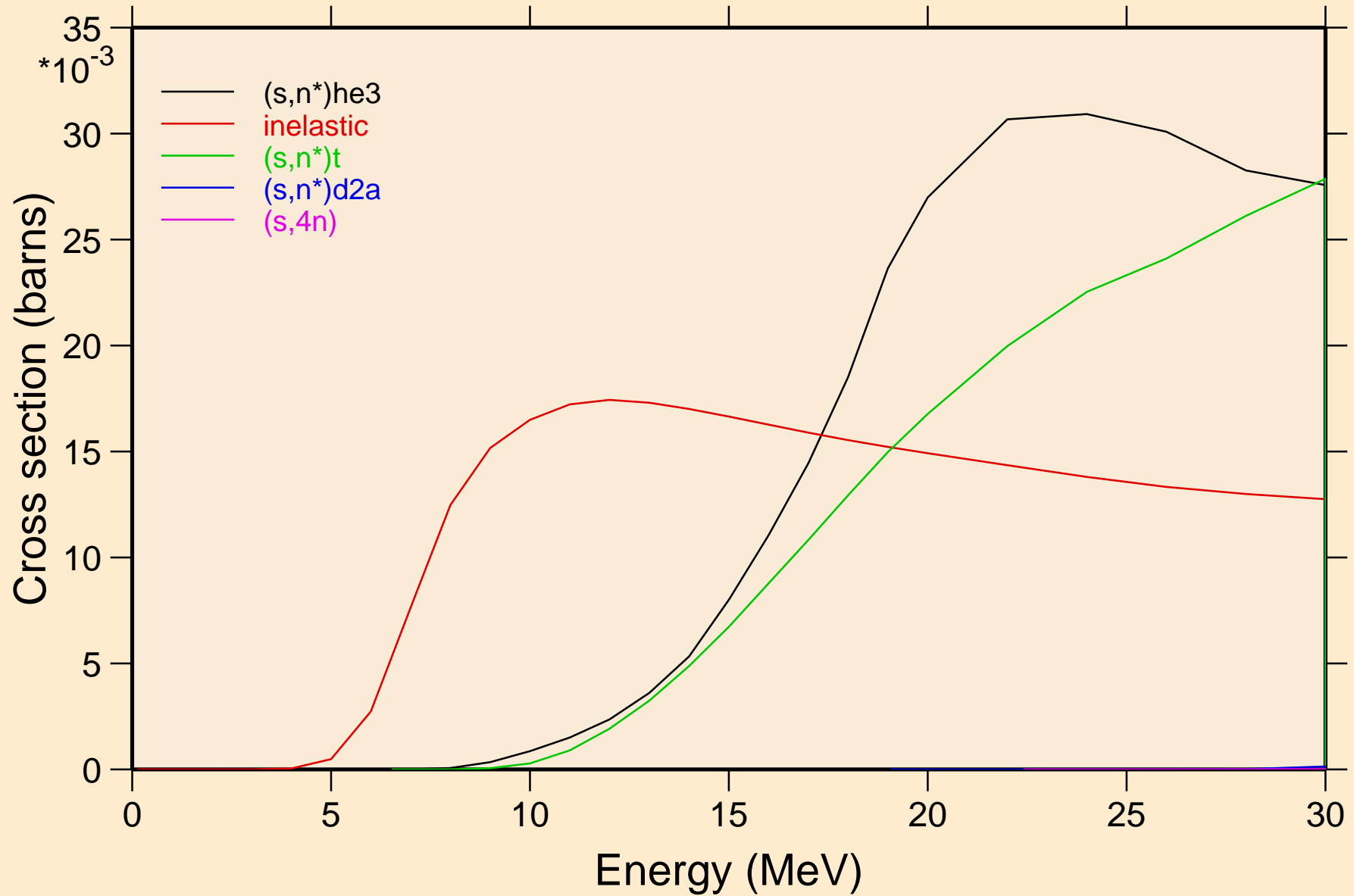
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions



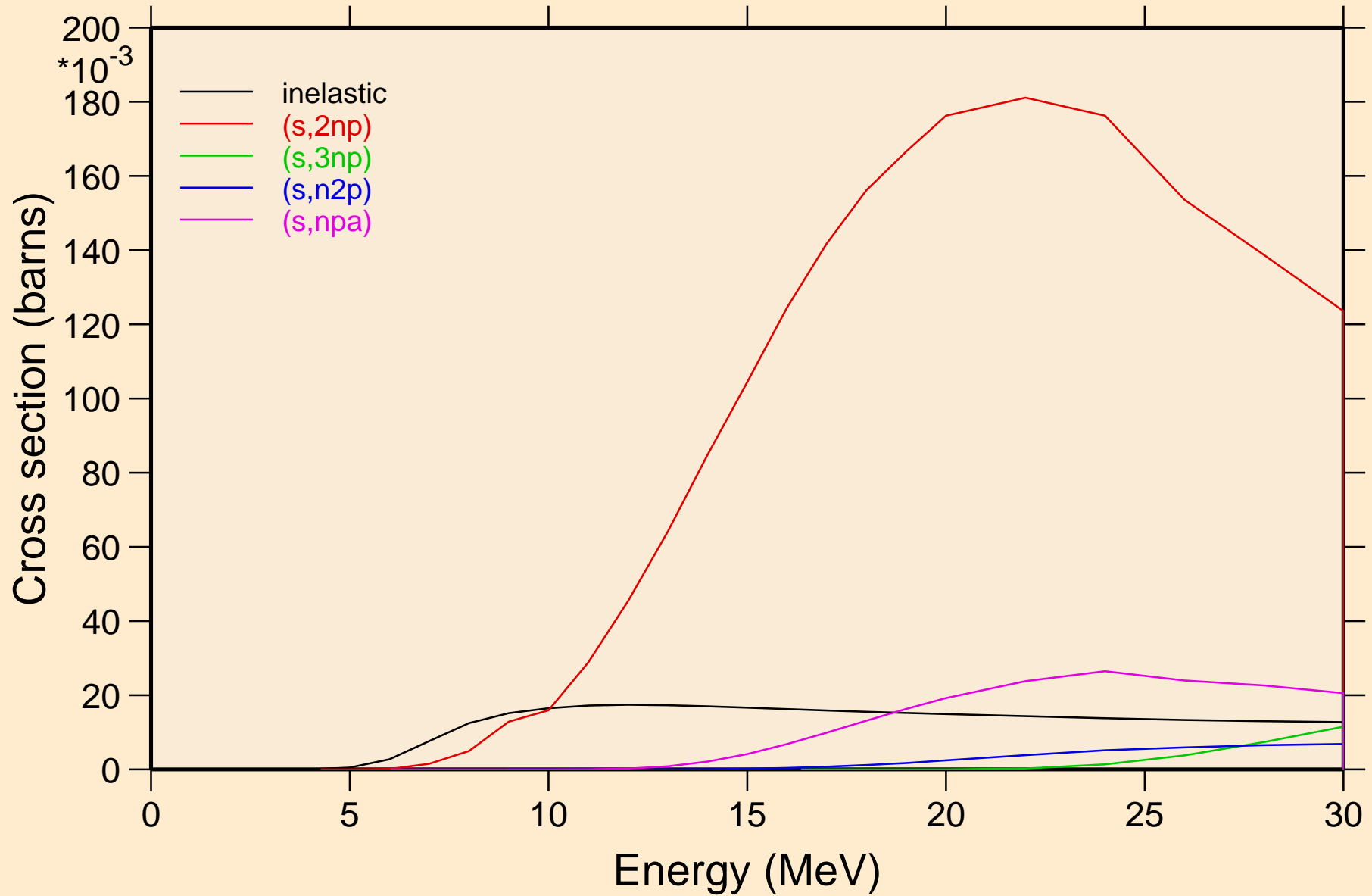
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions



O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions

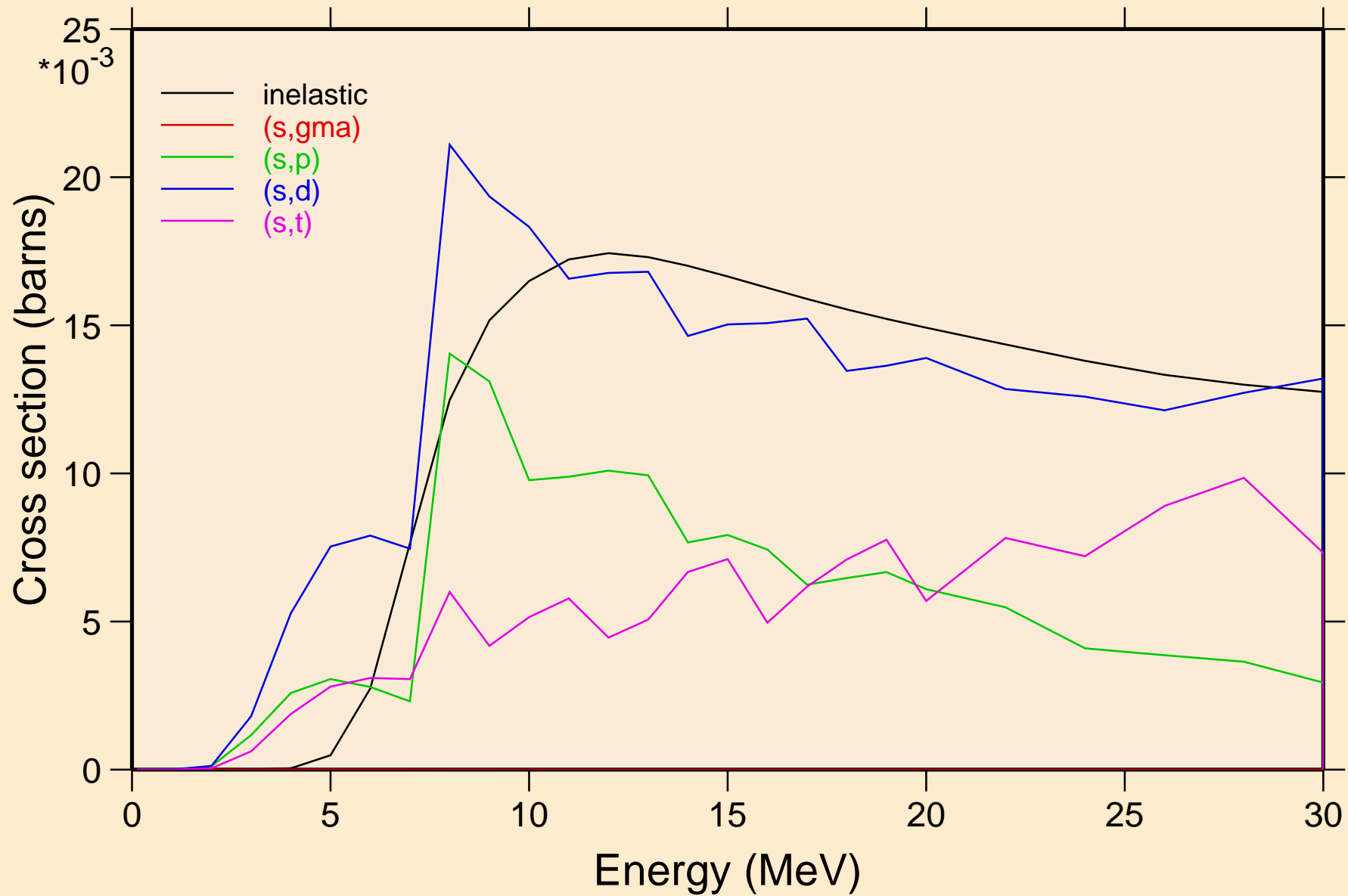


O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions

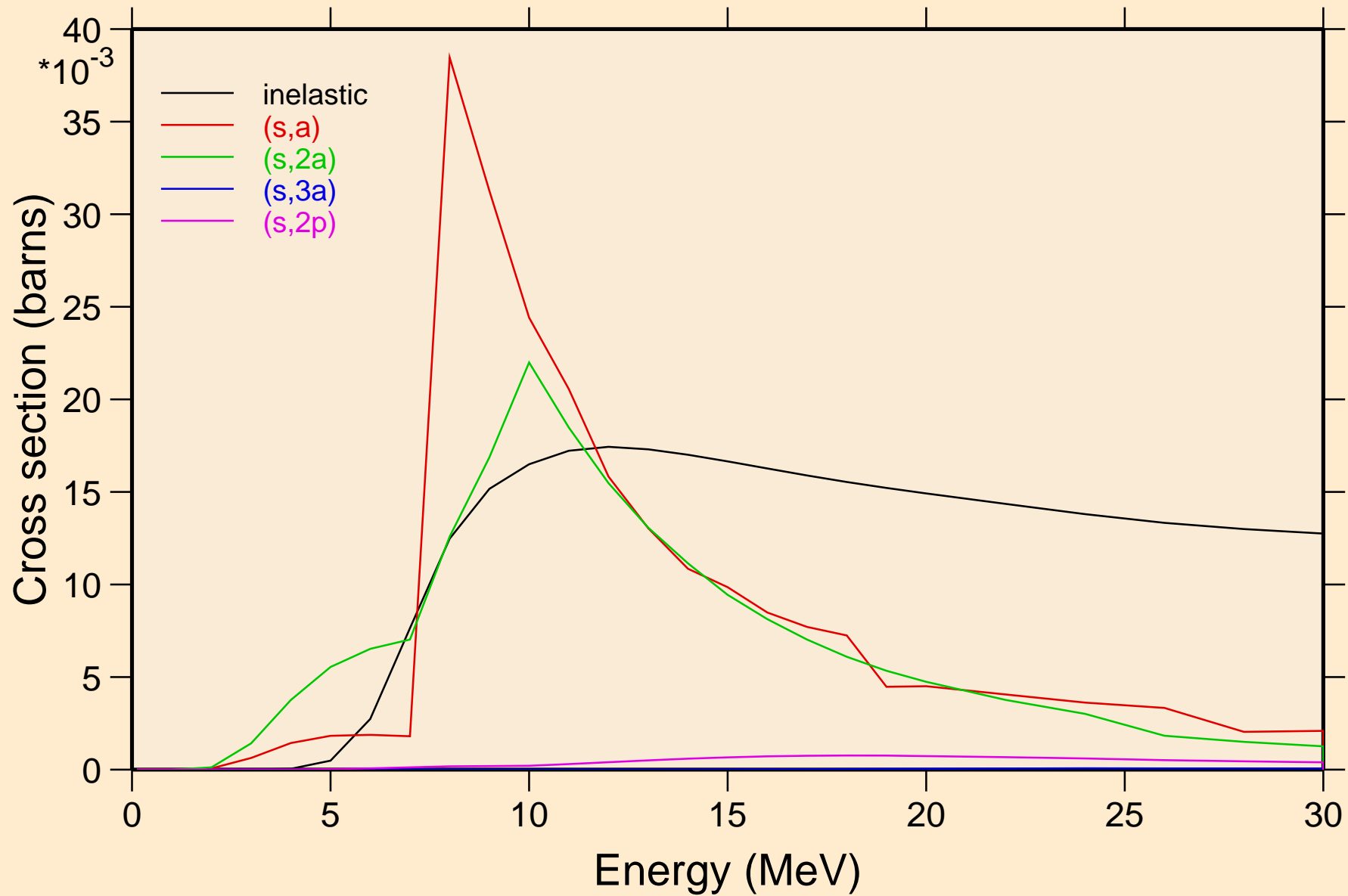


O019 HELION ACER TENDL-2024 LIBRARY; T=0.K

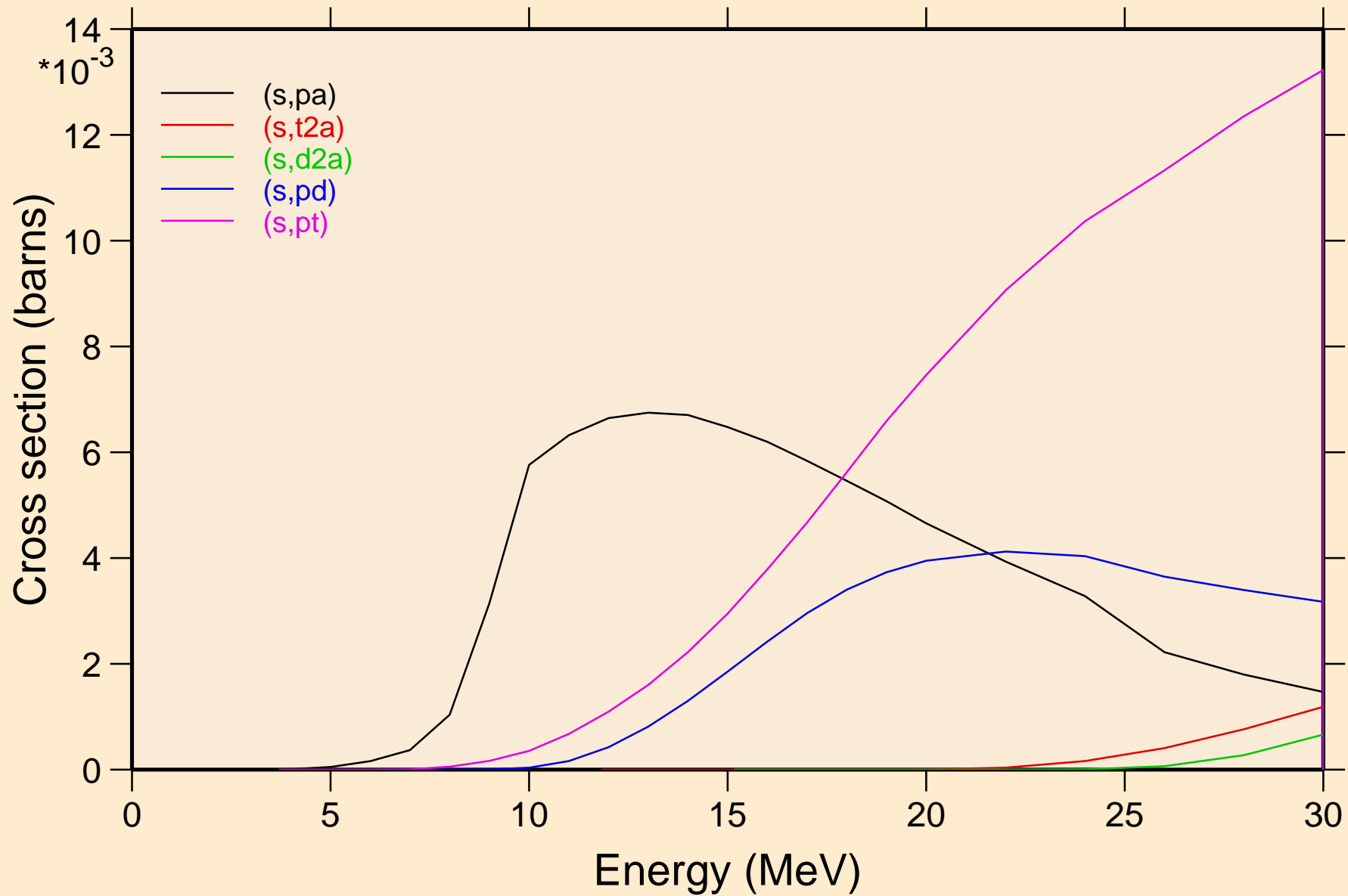
Threshold reactions



O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions

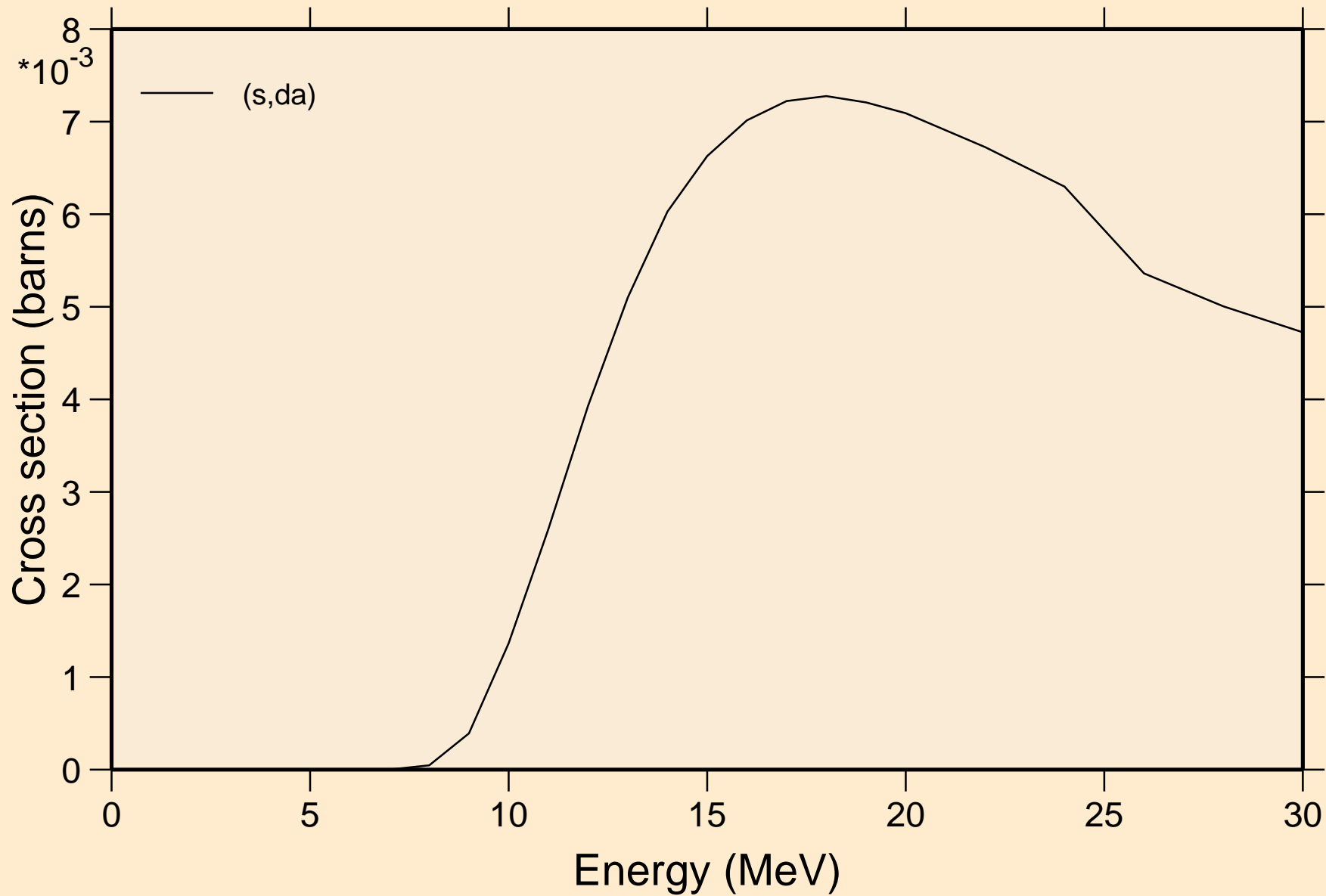


O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions

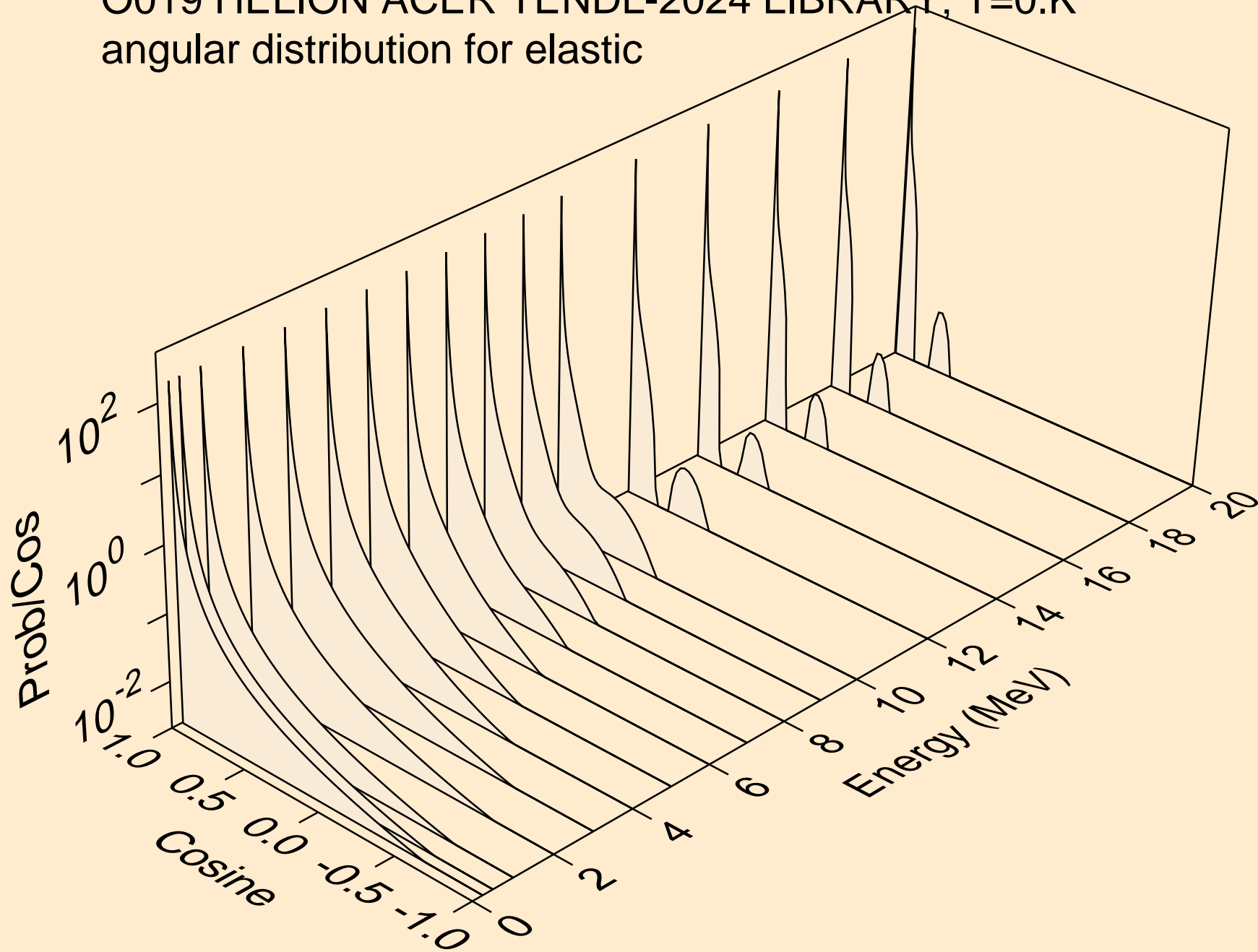


O019 HELION ACER TENDL-2024 LIBRARY; T=0.K

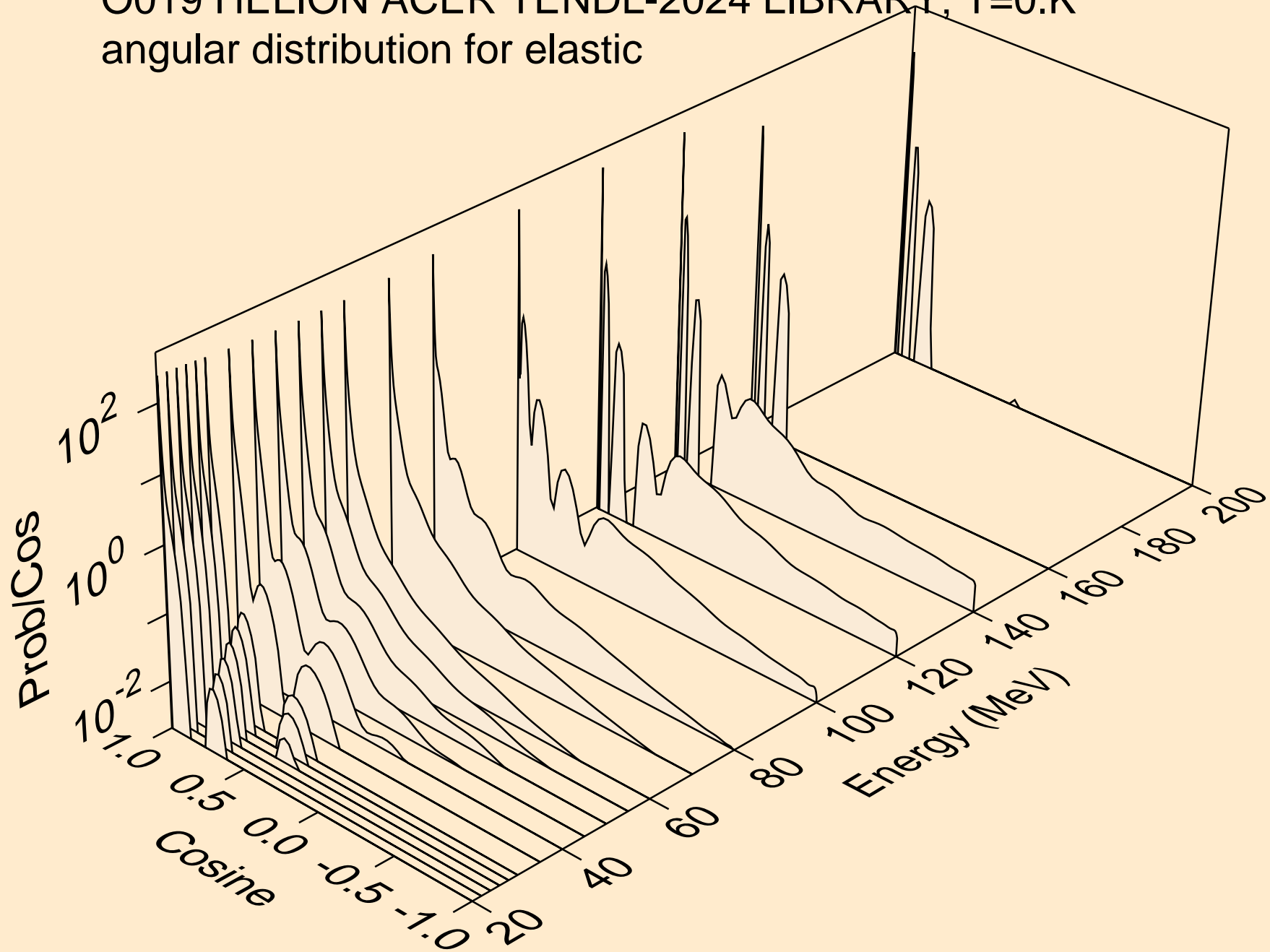
Threshold reactions



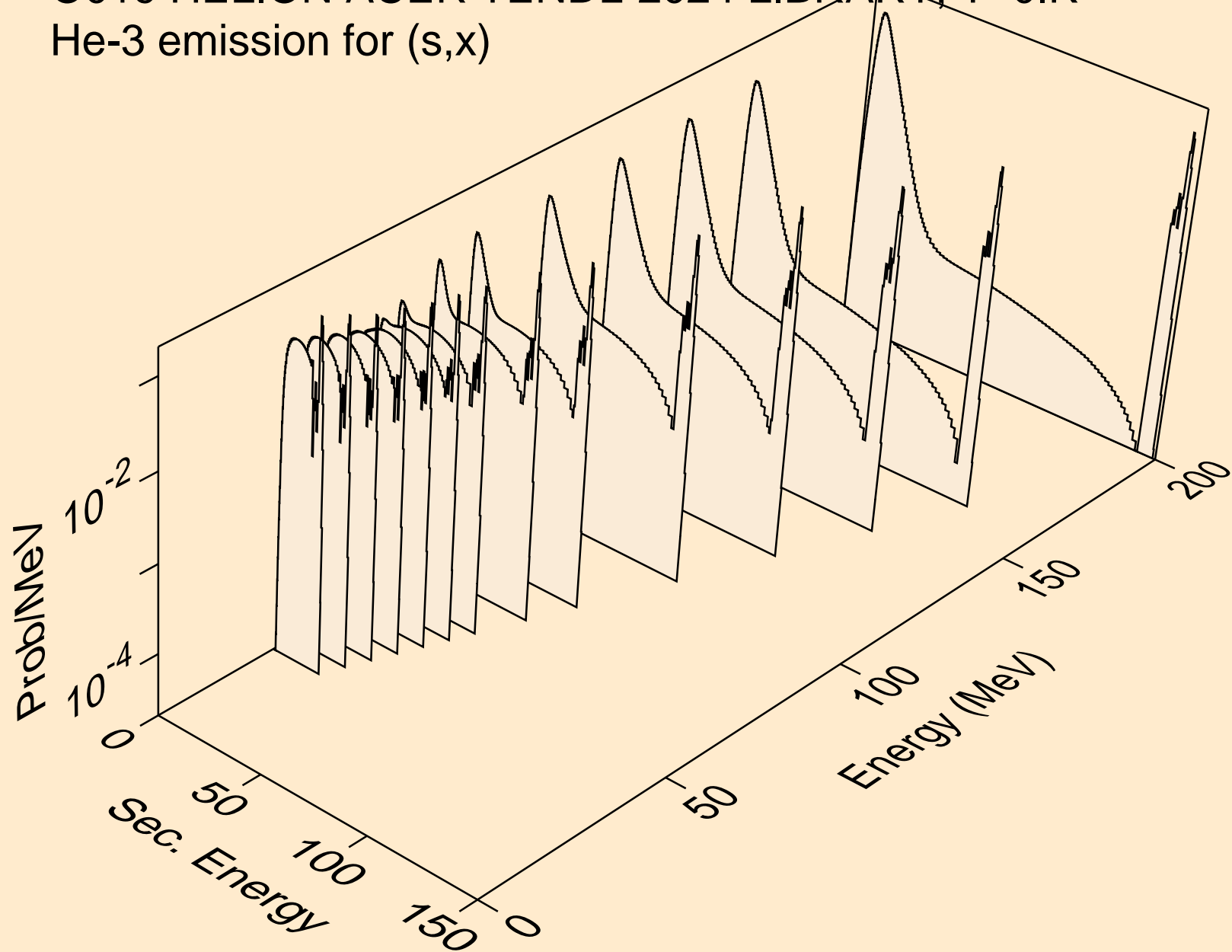
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic



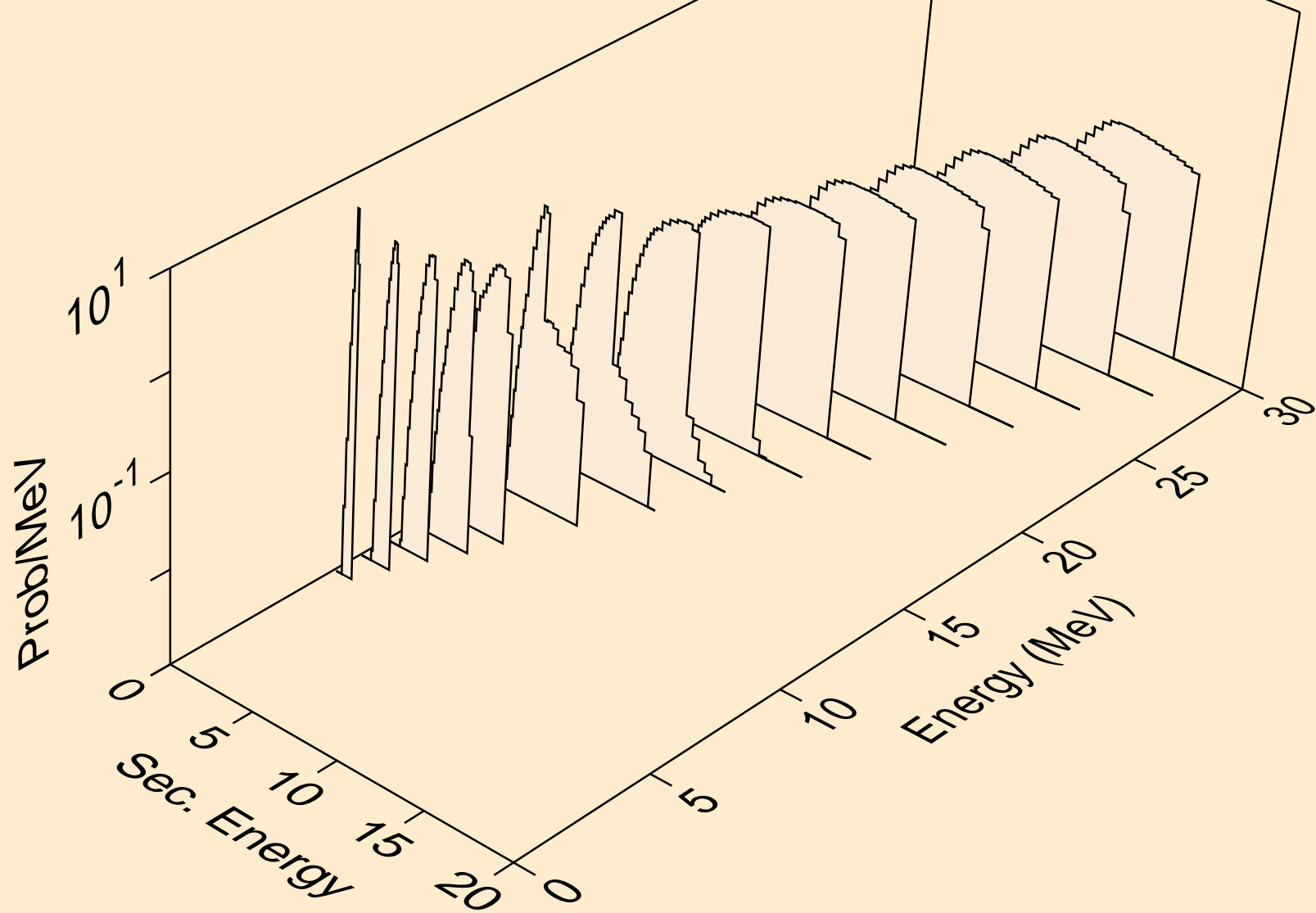
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic



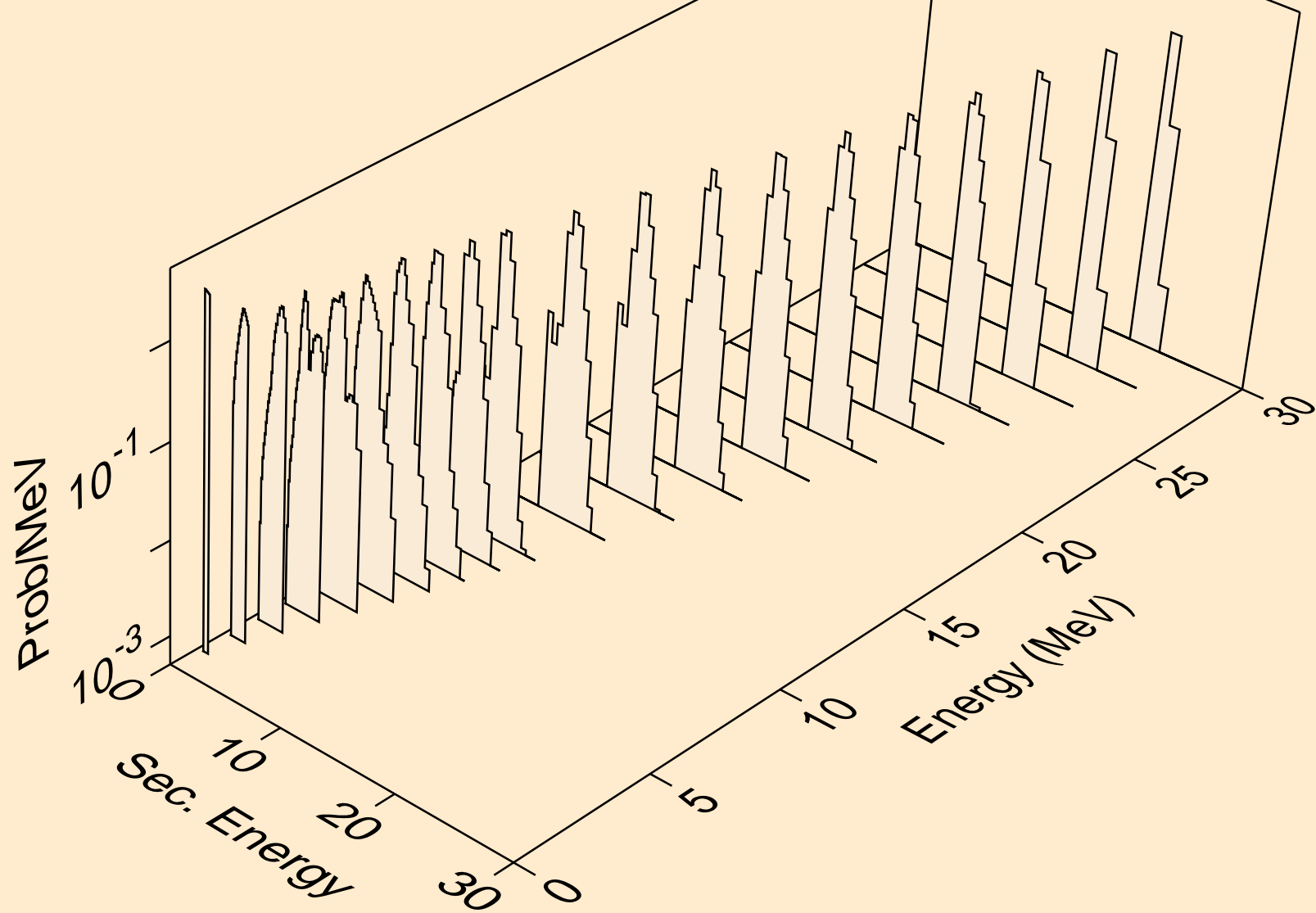
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
He-3 emission for (s,x)



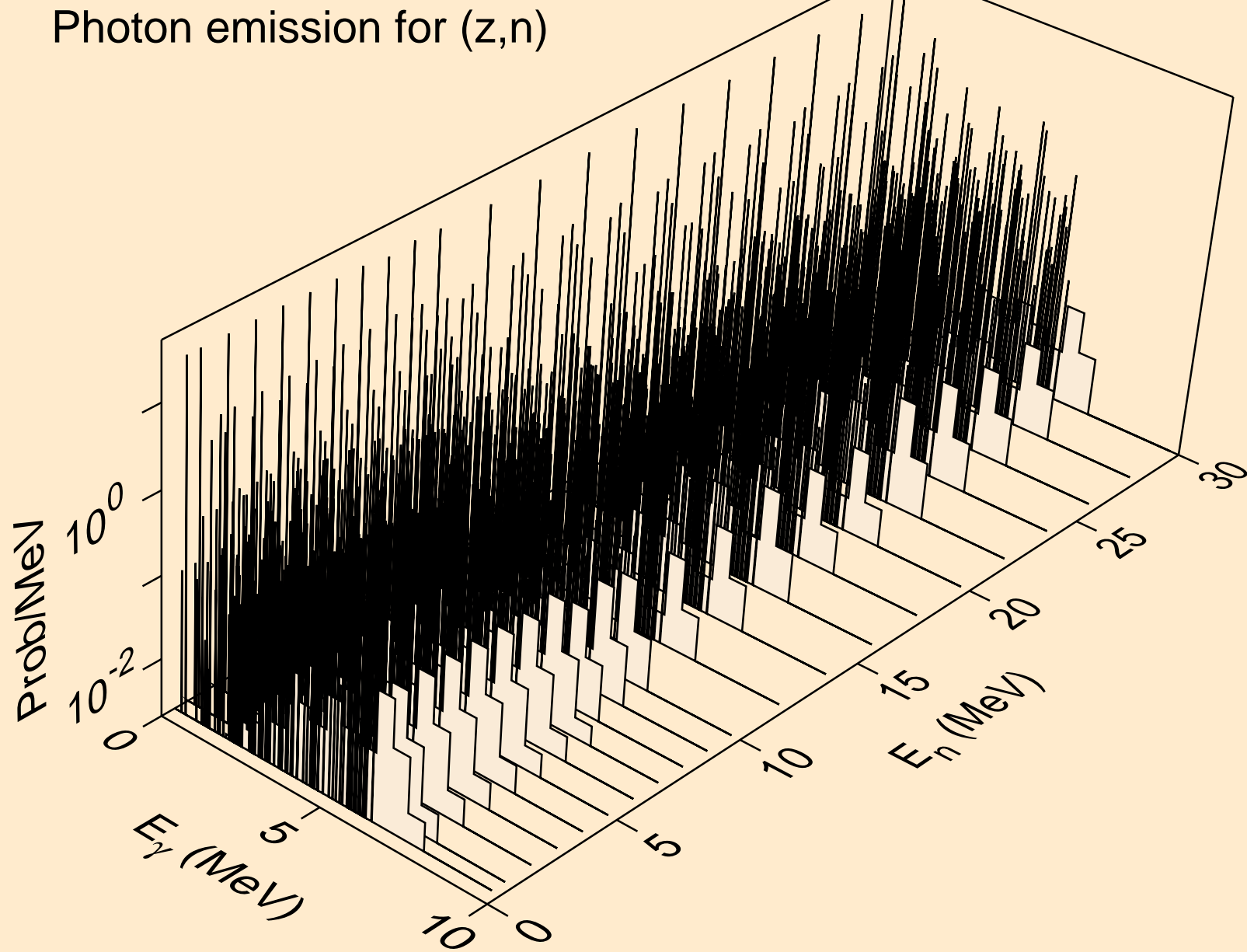
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
He-3 emission for (s,n*)he3



O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
He-3 emission for inelastic

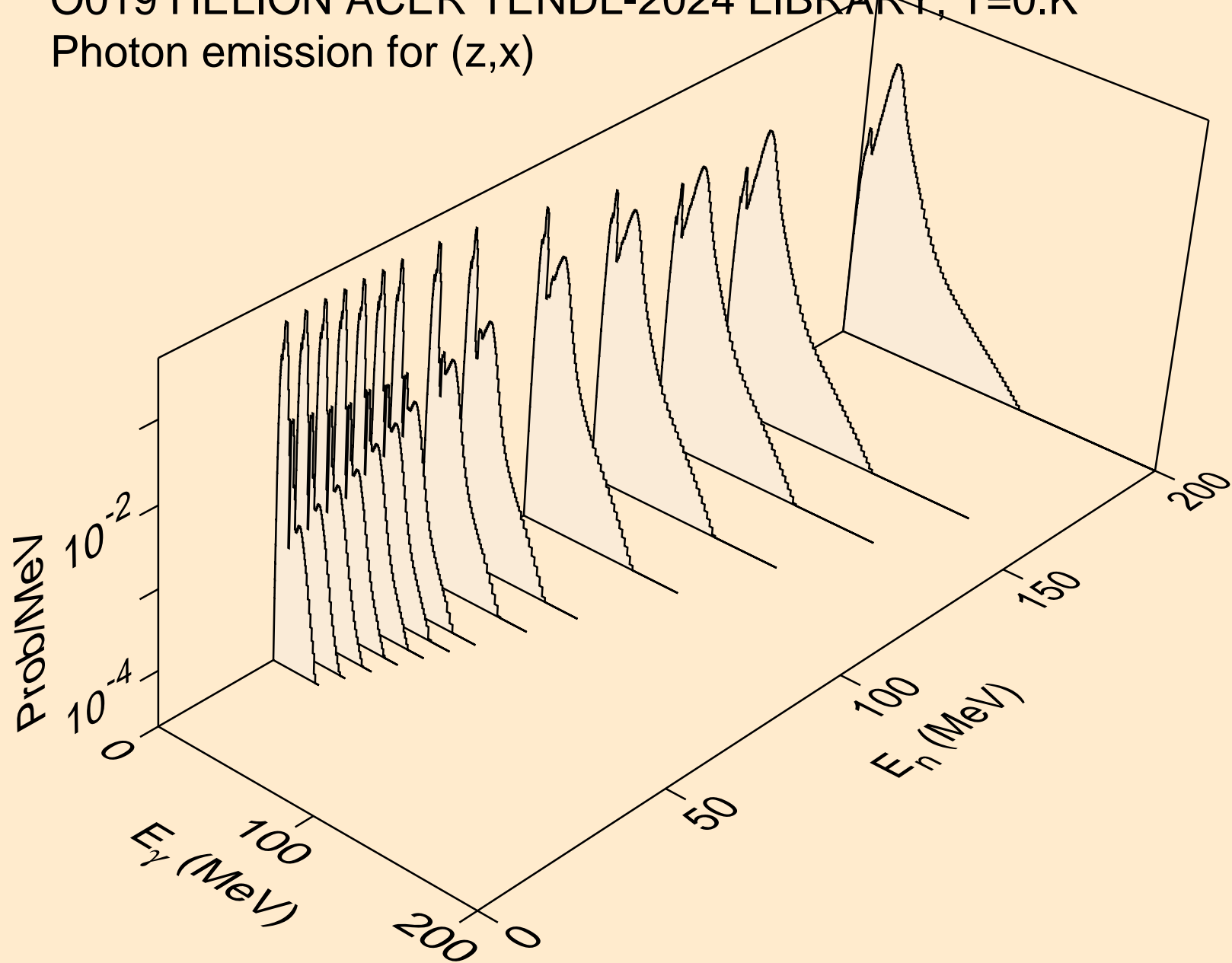


O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (z,n)

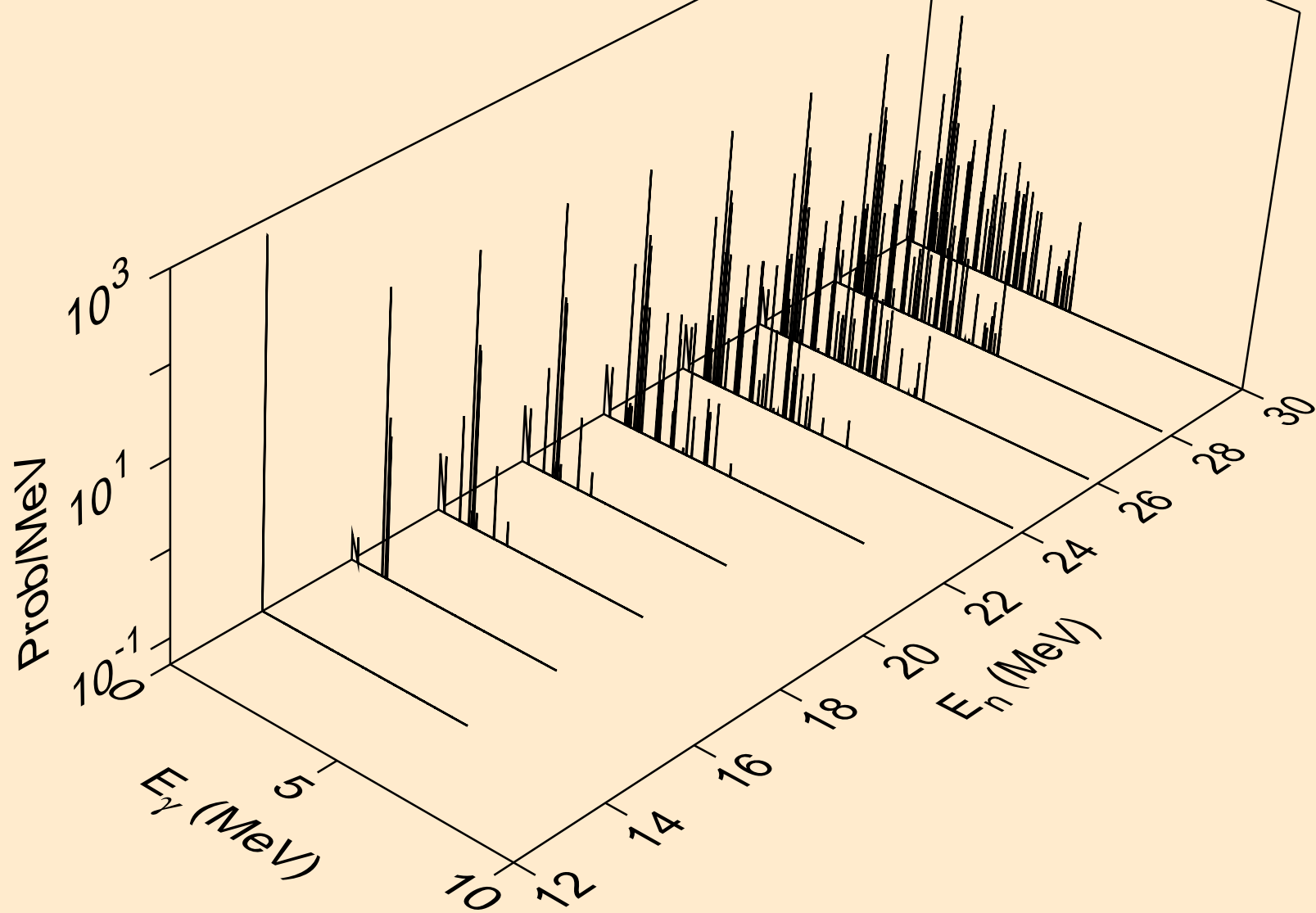


O019 HELION ACER TENDL-2024 LIBRARY; T=0.K

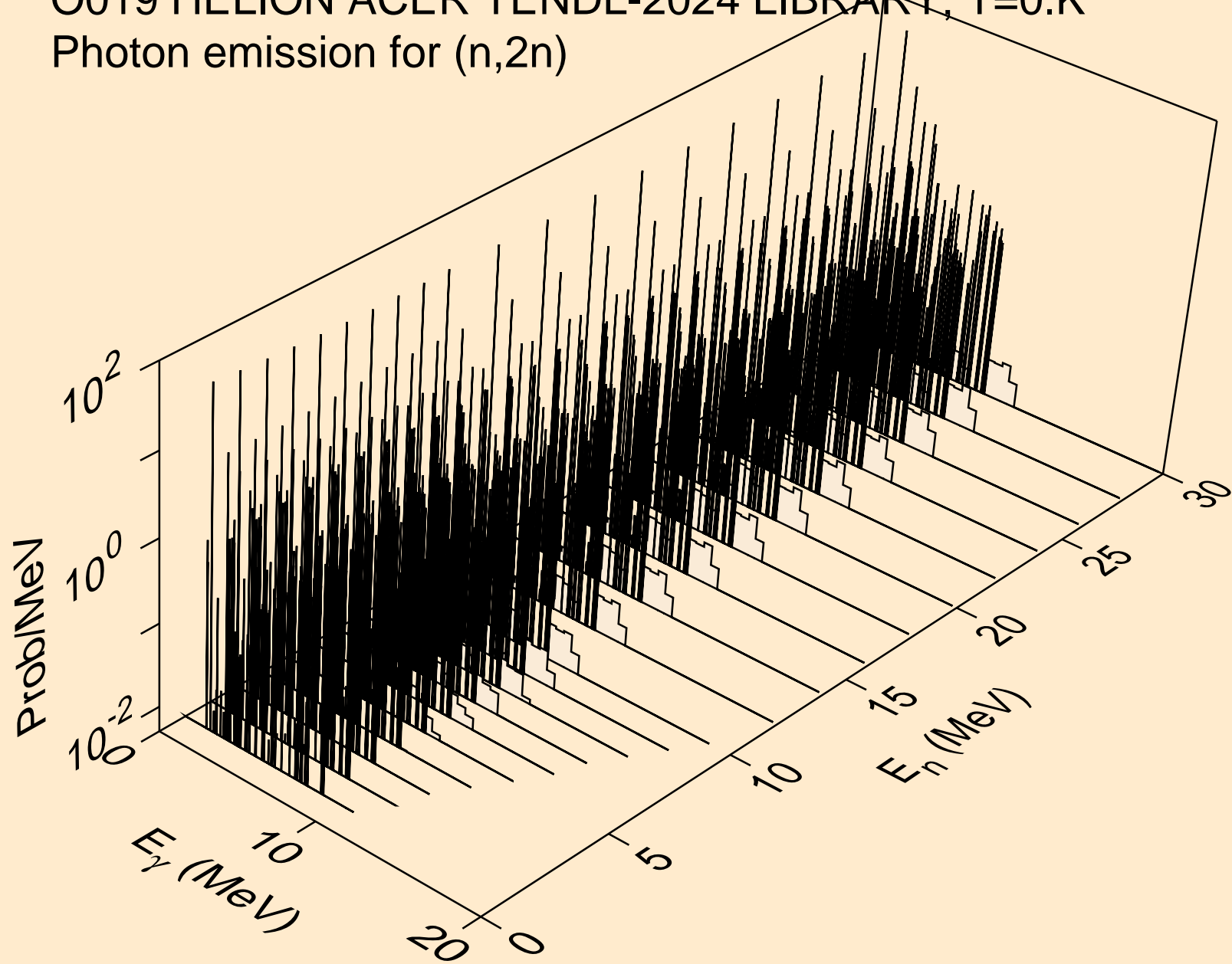
Photon emission for (z,x)



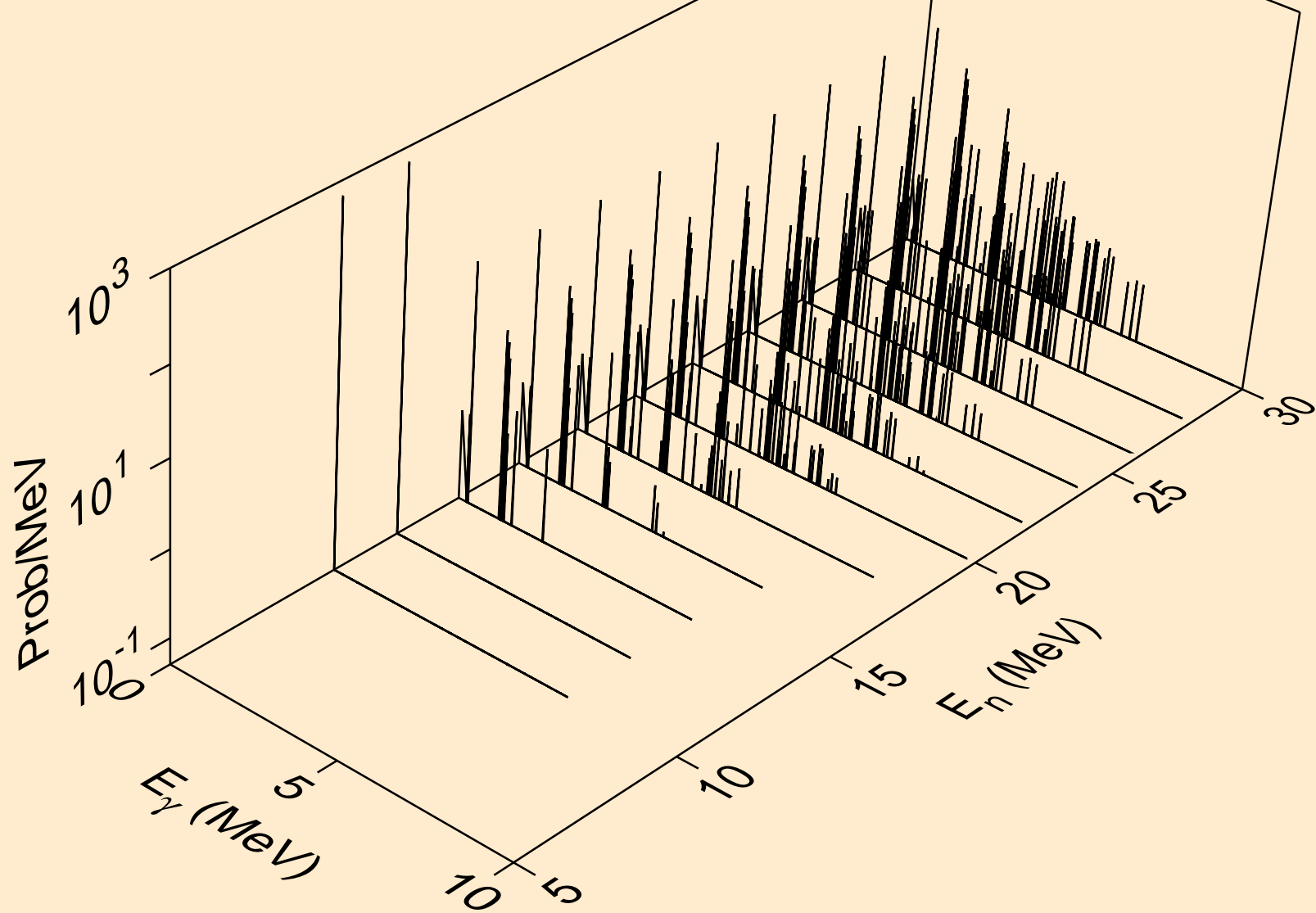
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2nd)



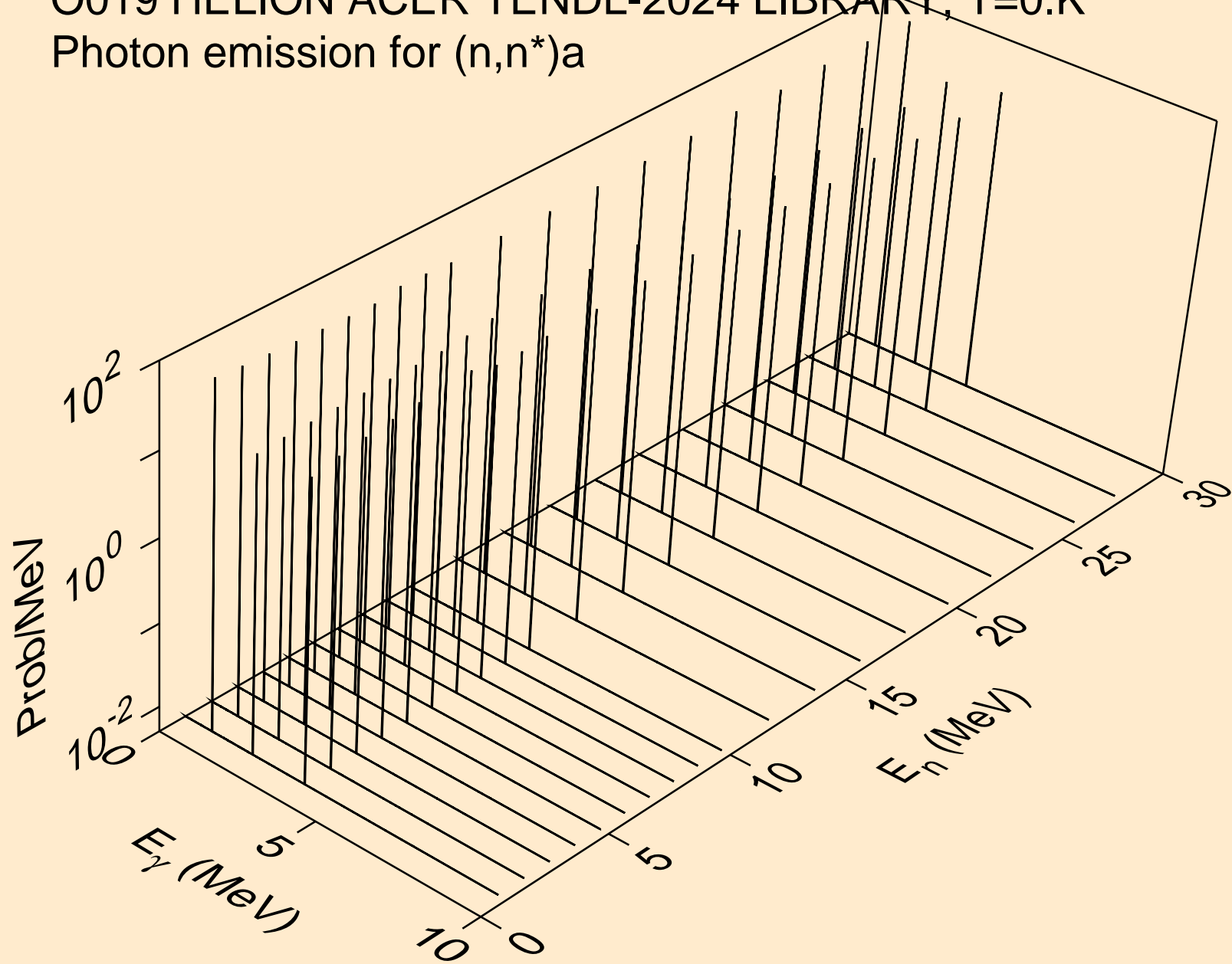
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n)



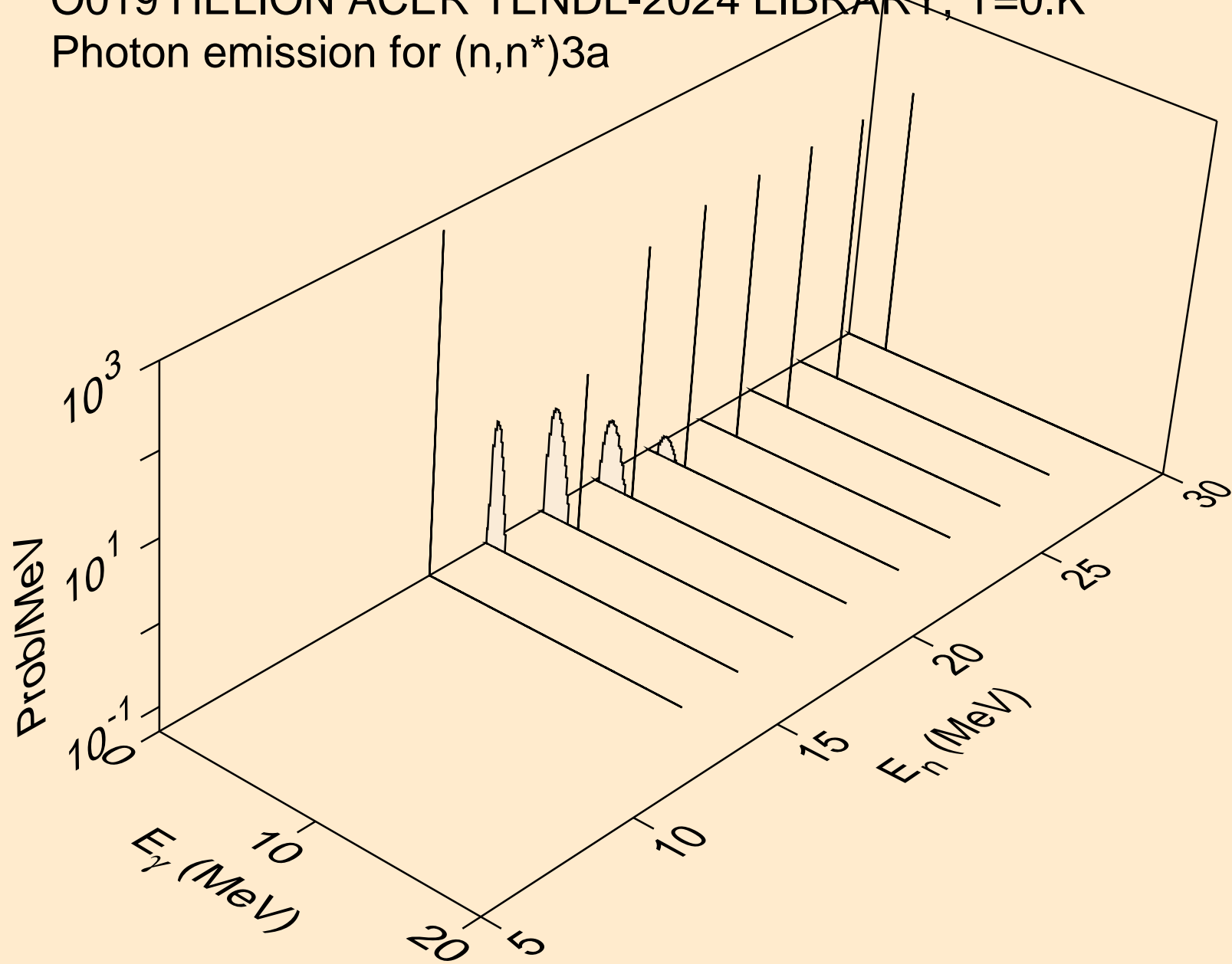
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3n)



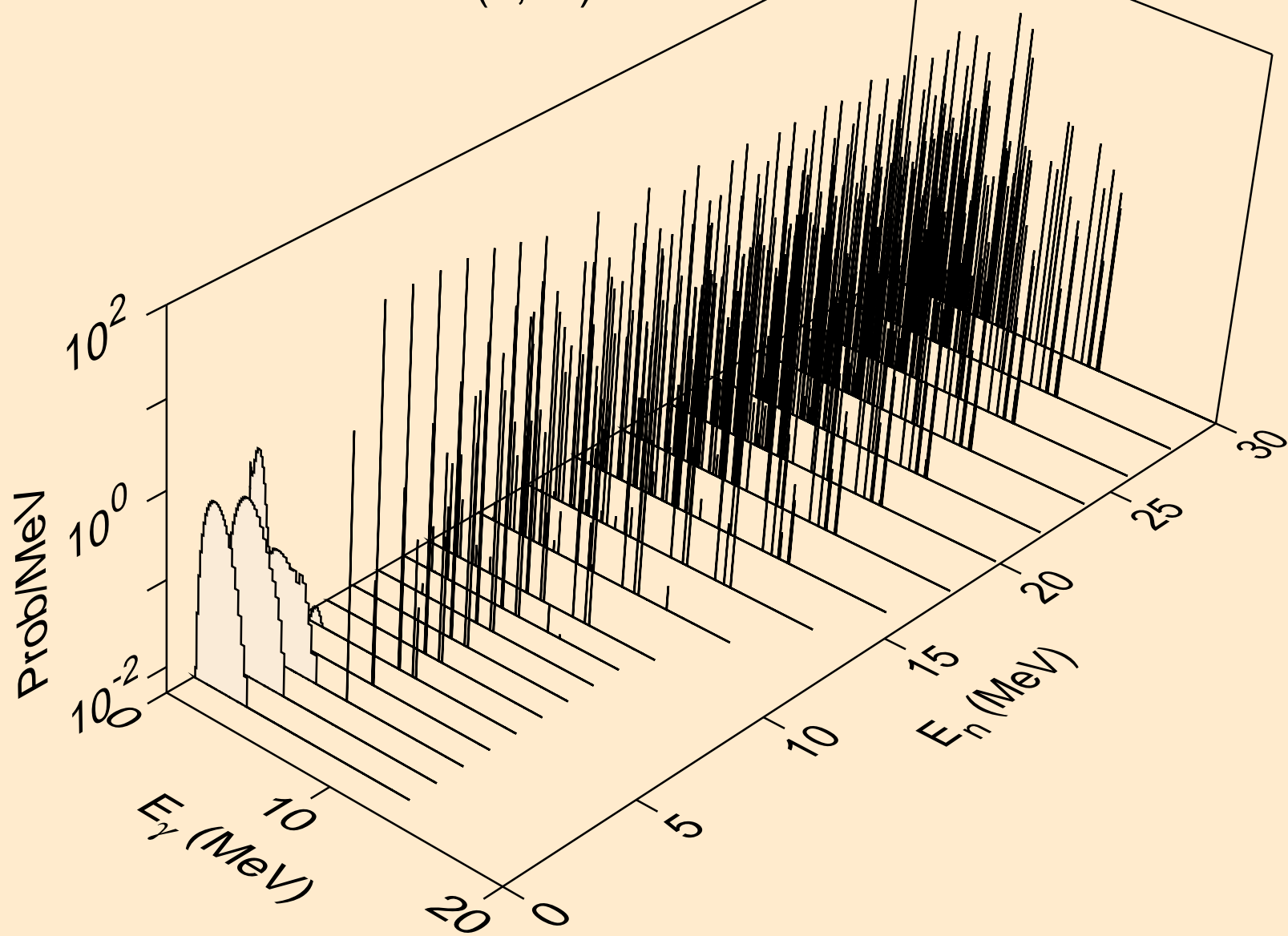
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)a



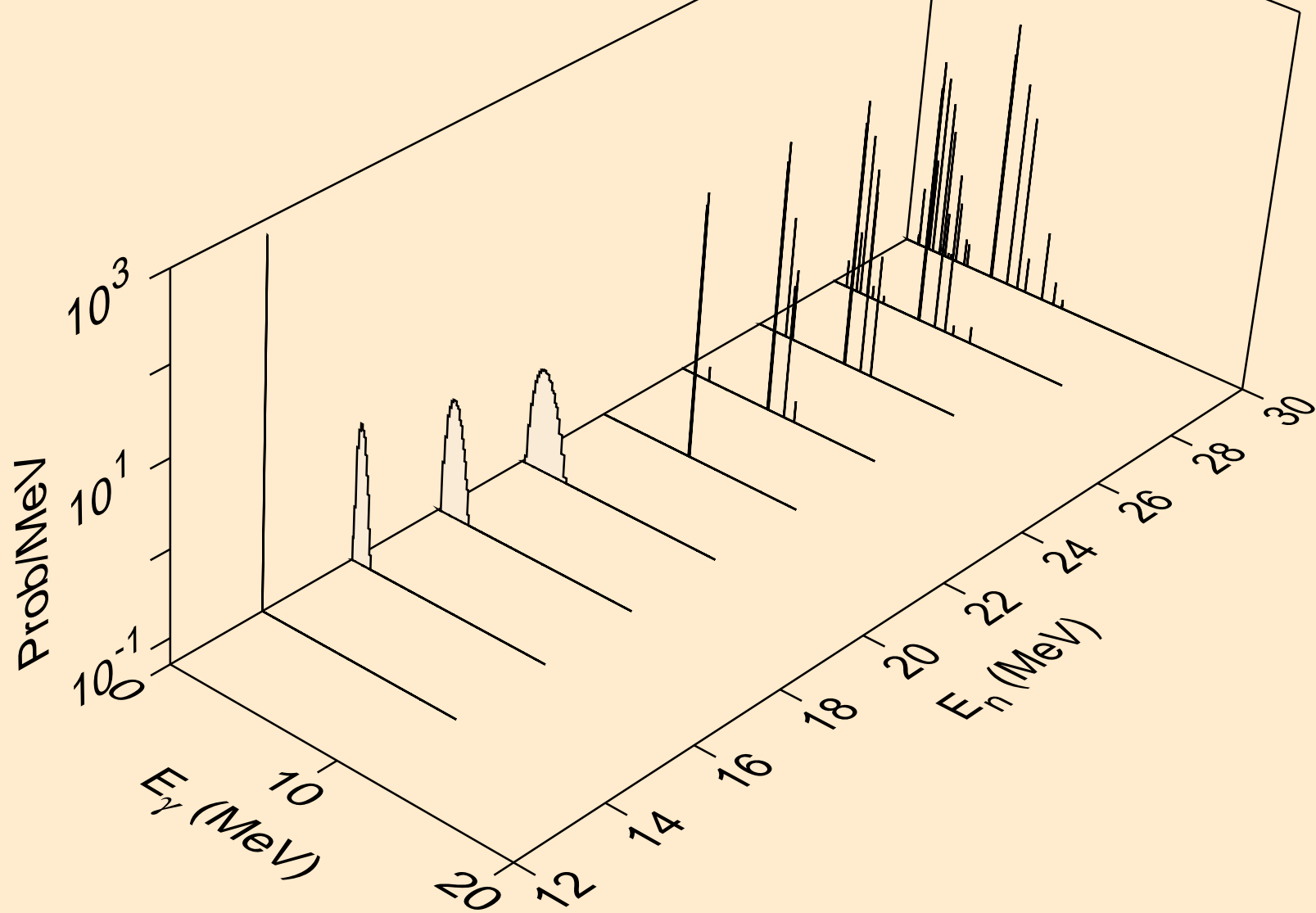
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)3a



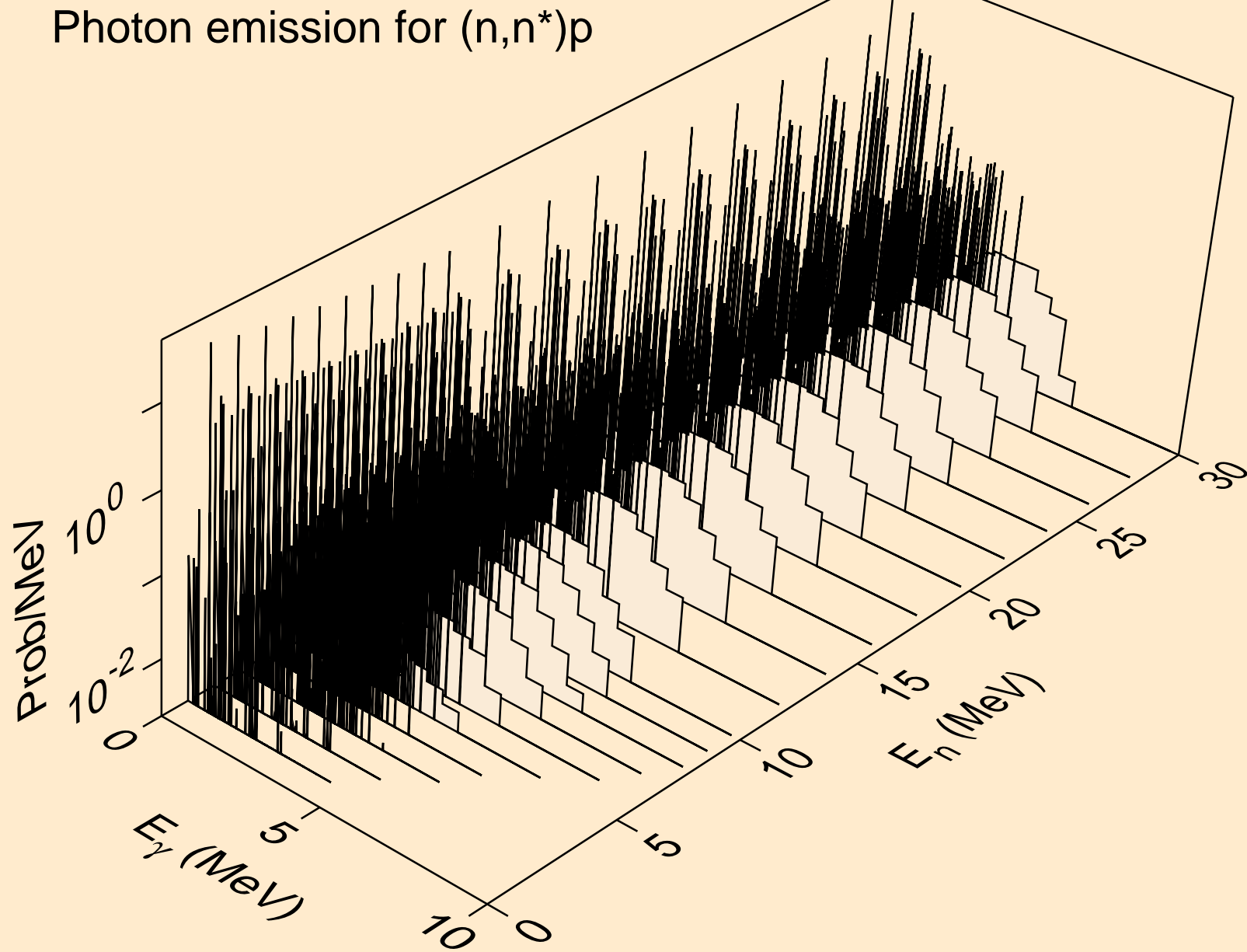
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n)a



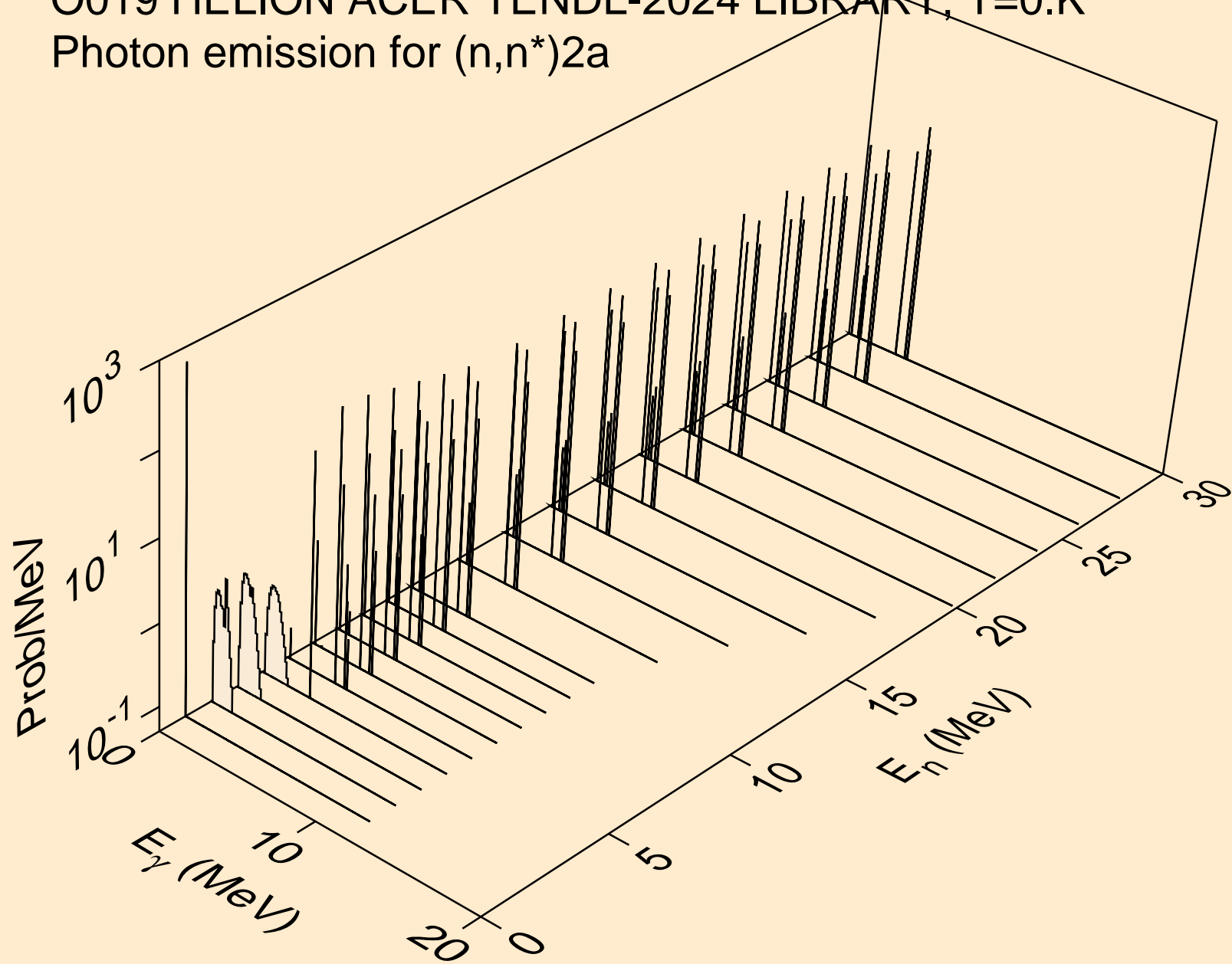
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3n)a



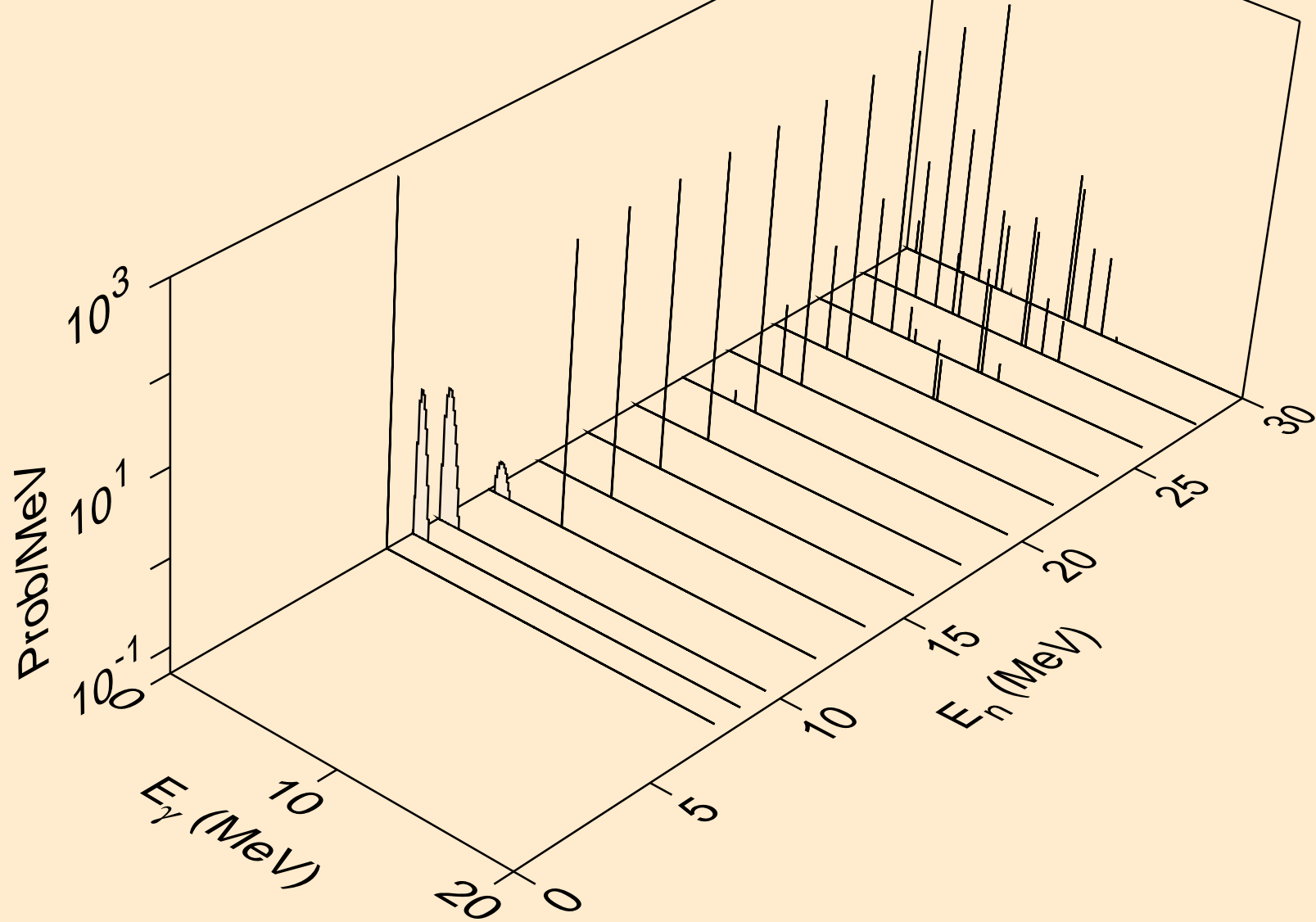
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)p



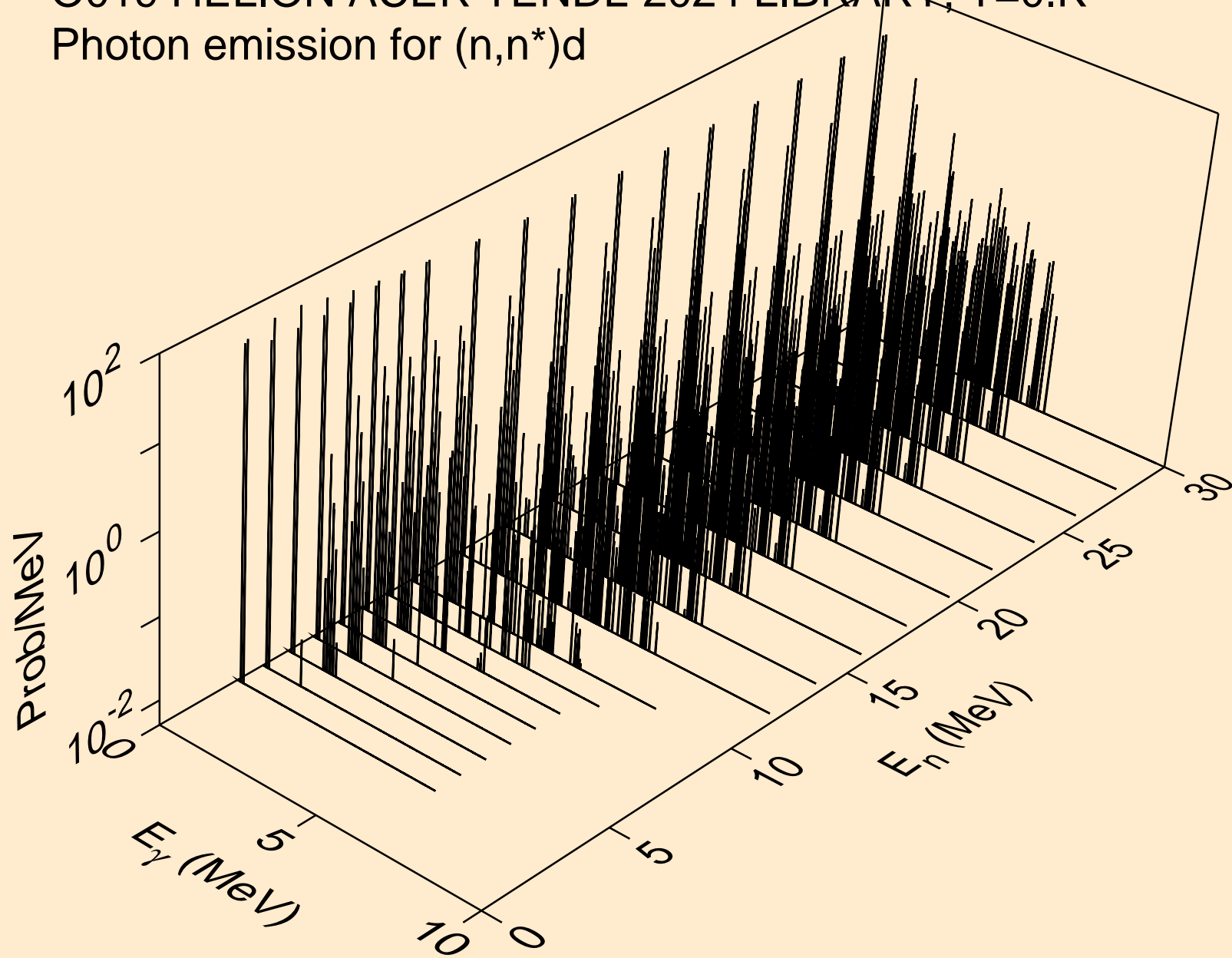
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)2a



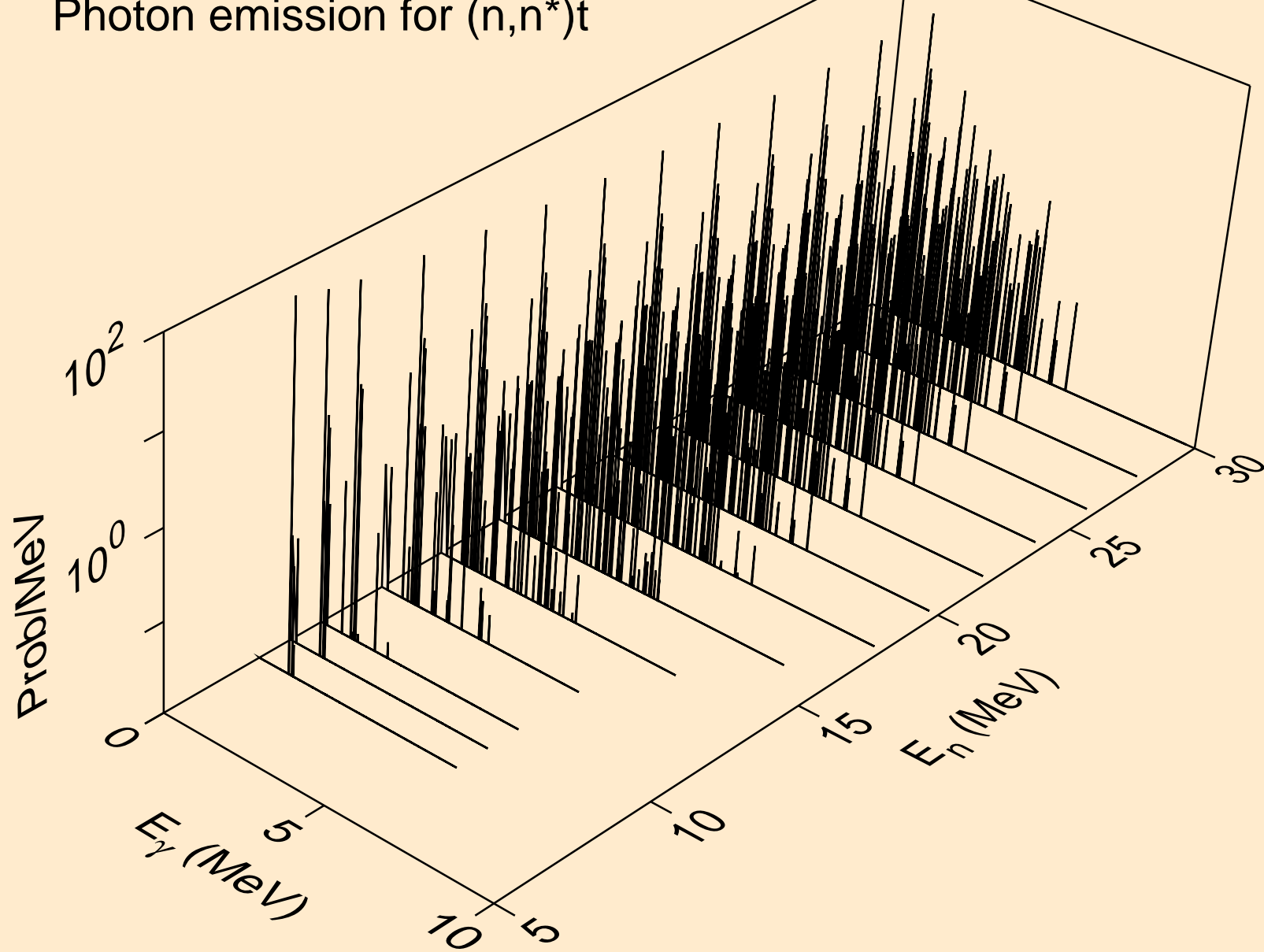
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n)2a



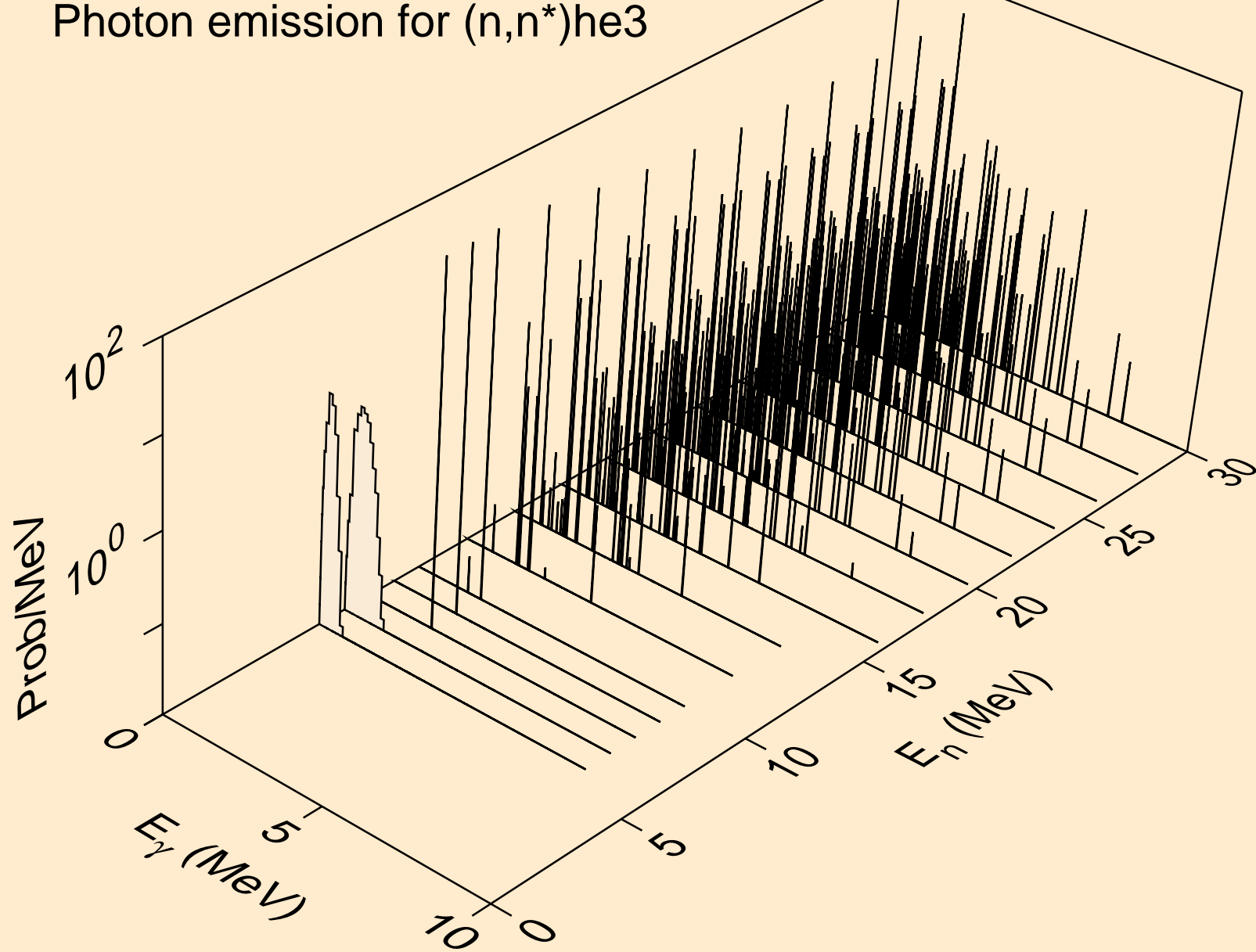
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)d



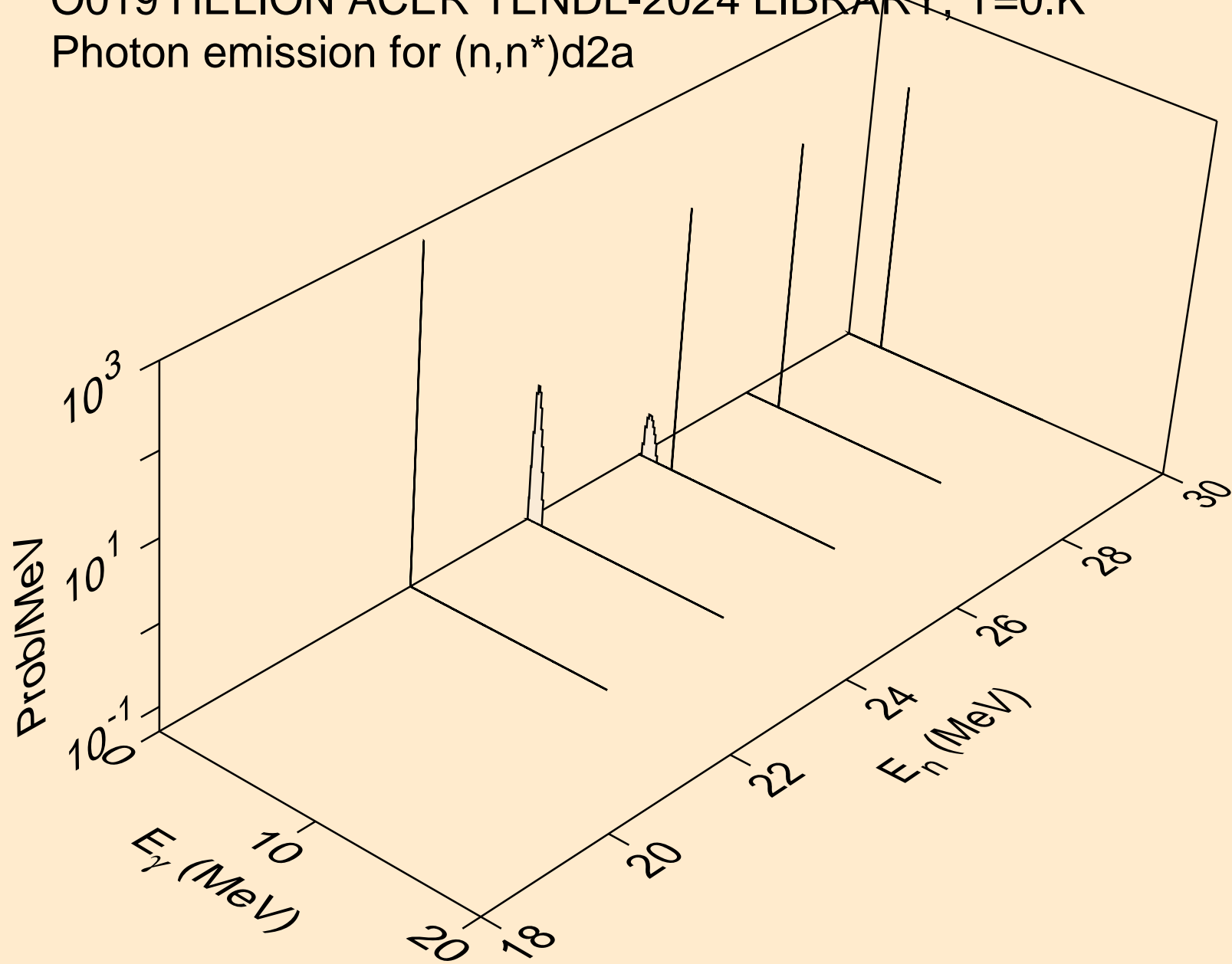
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)t



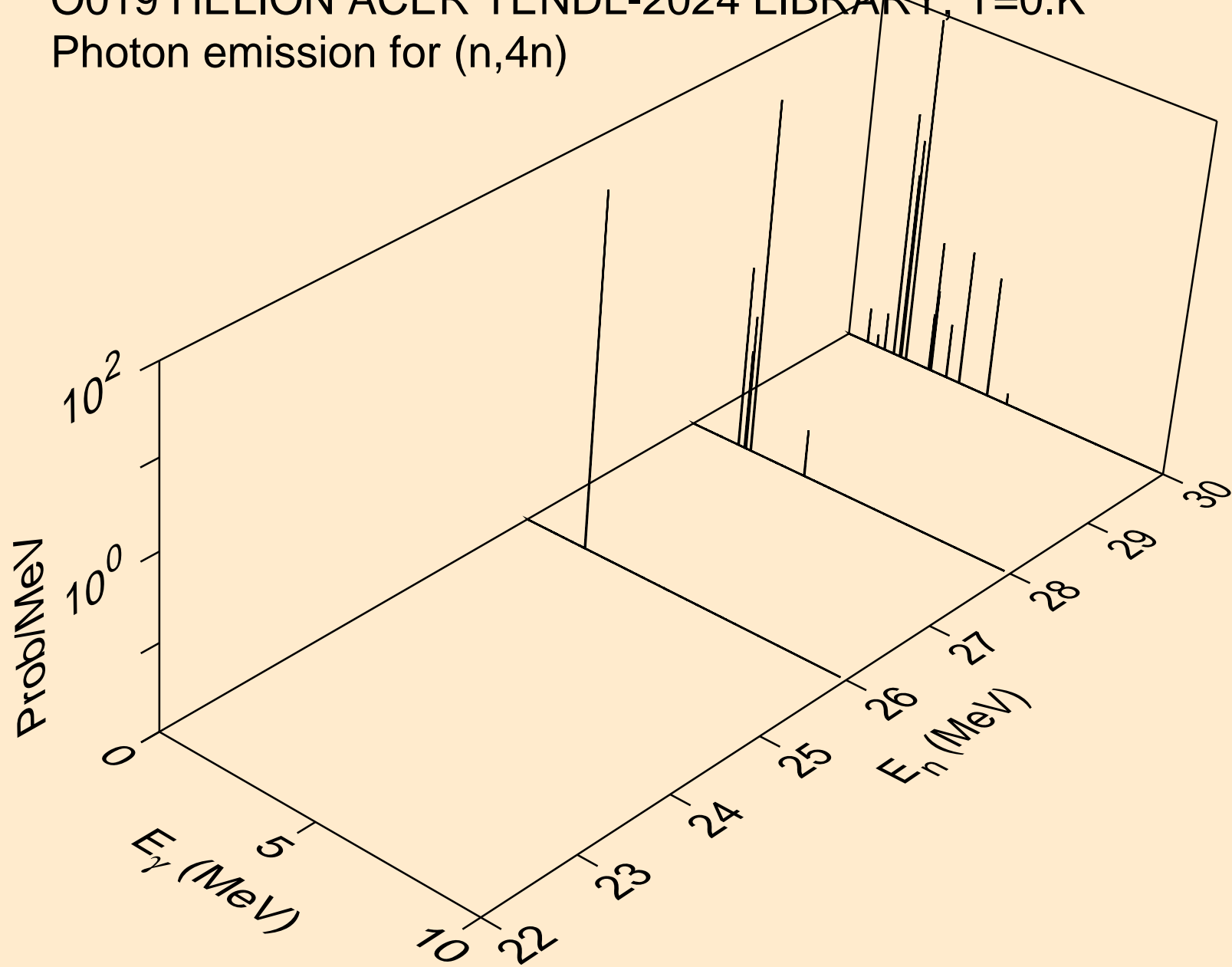
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)he3



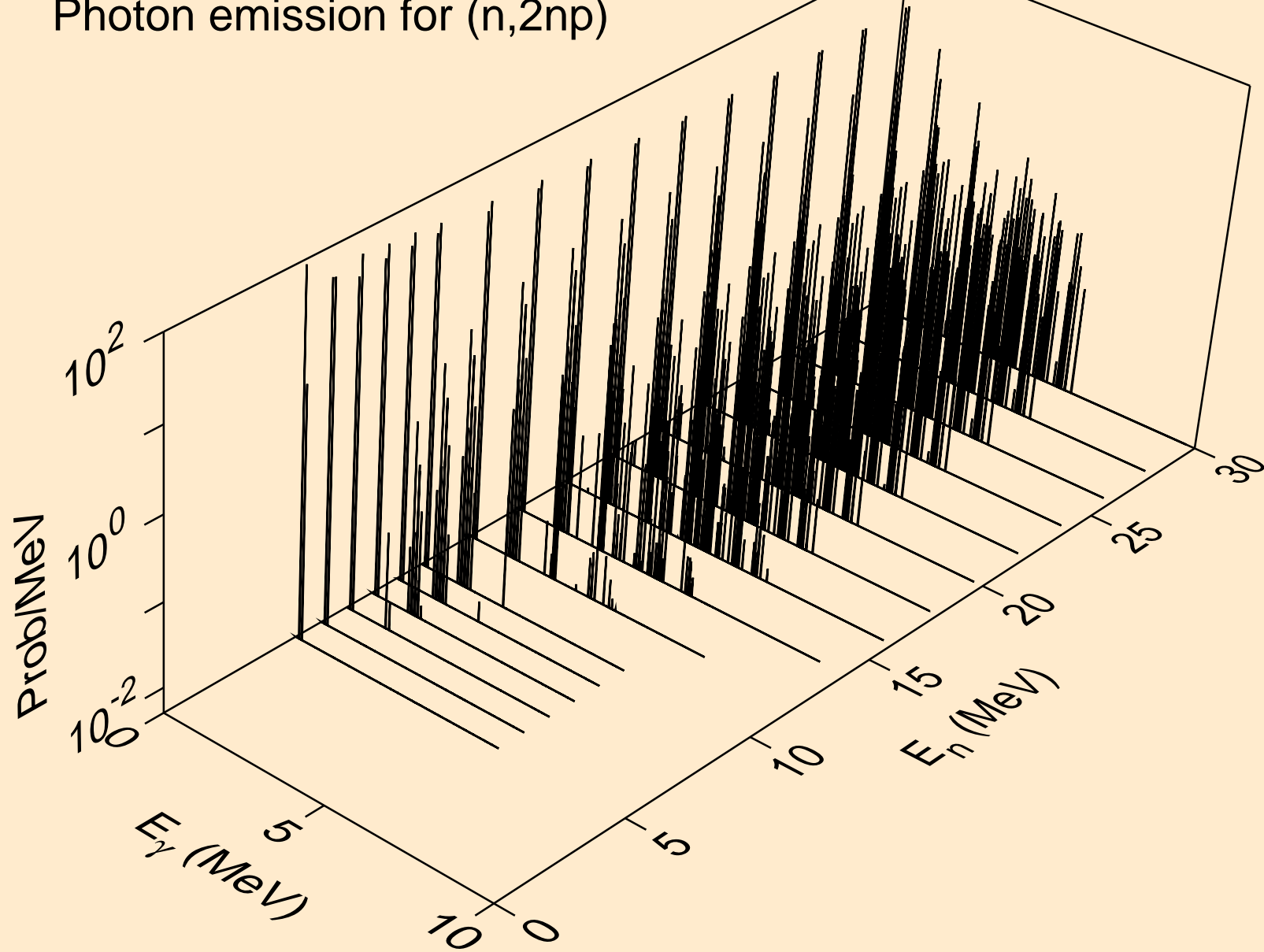
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)d2a



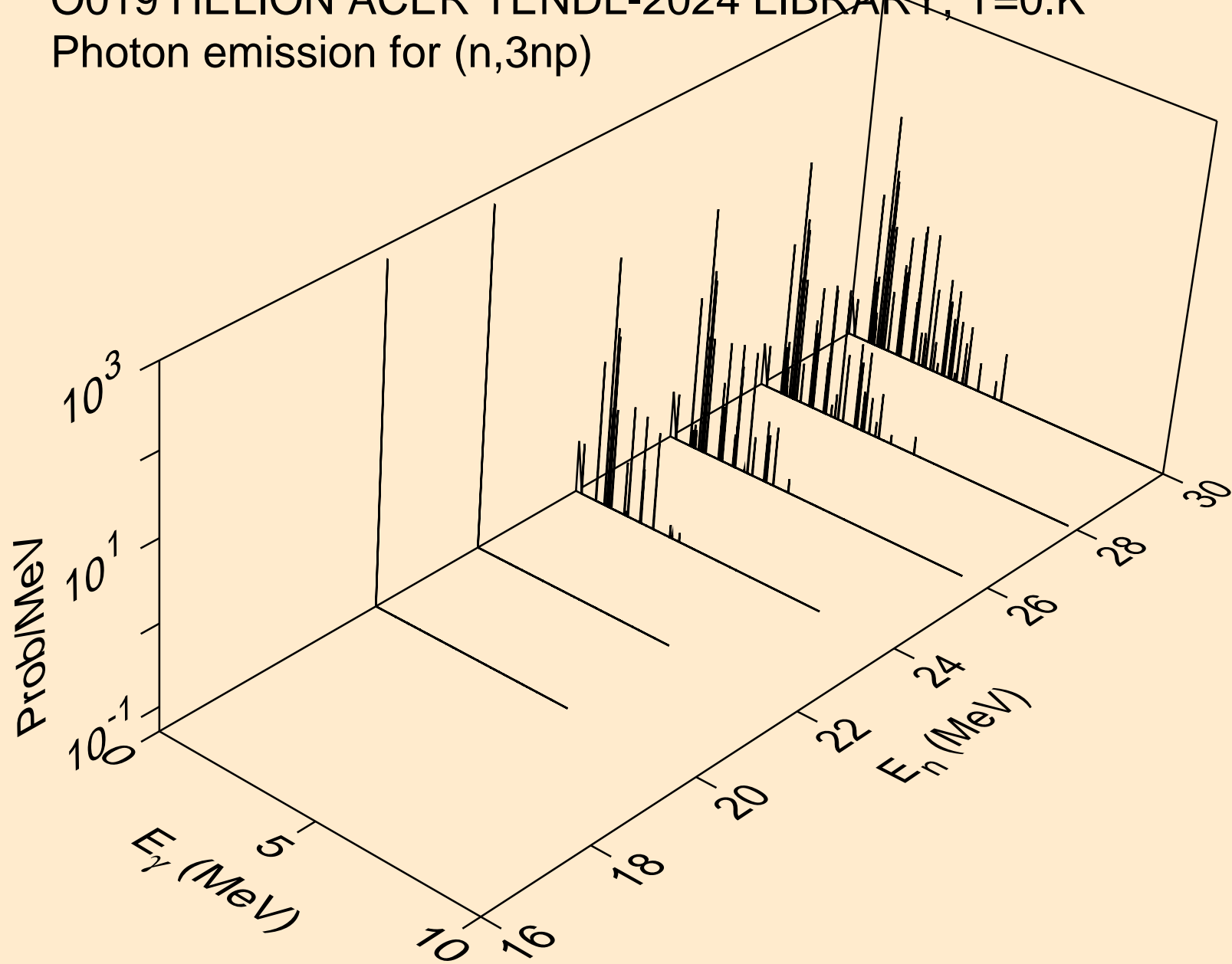
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,4n)



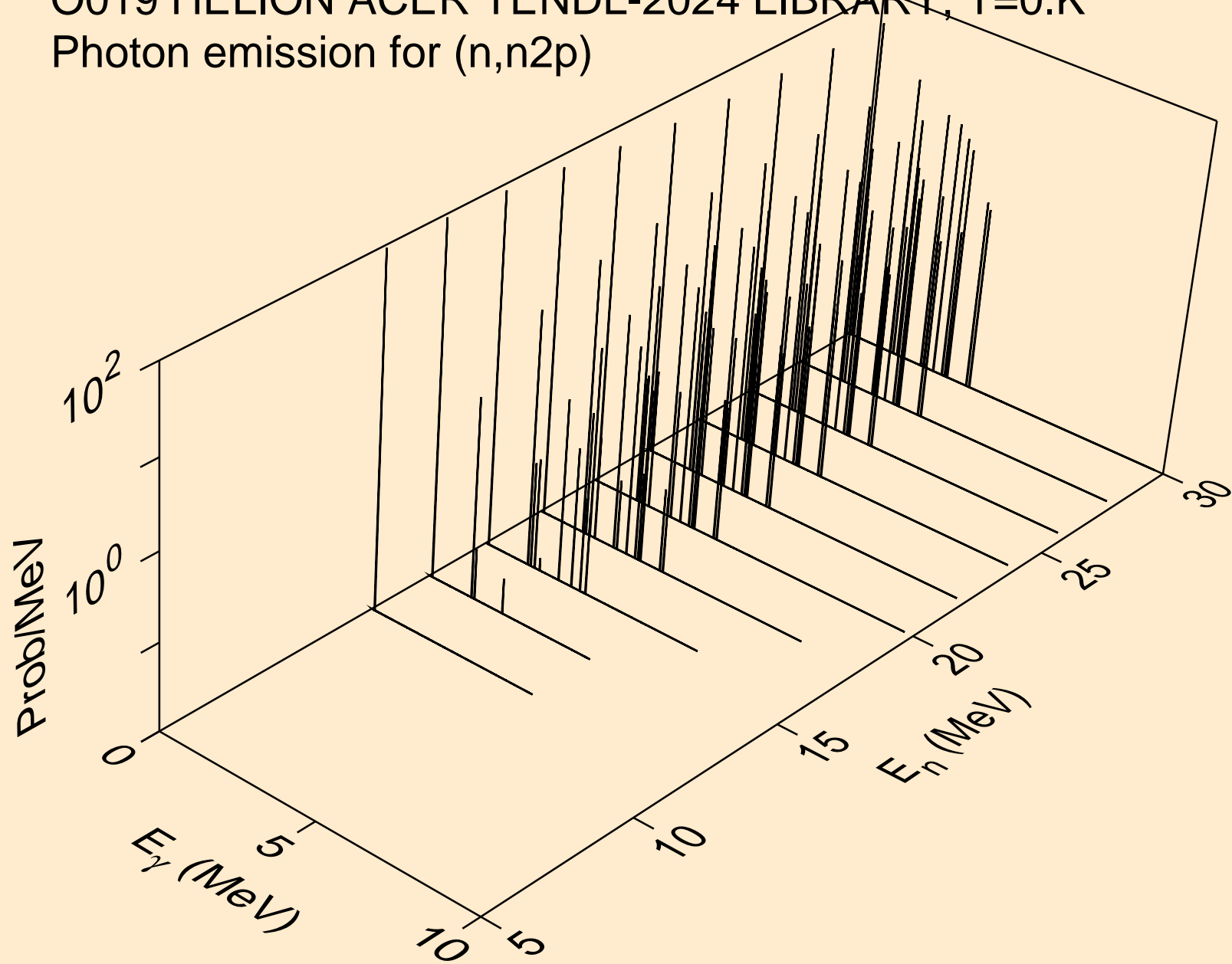
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2np)



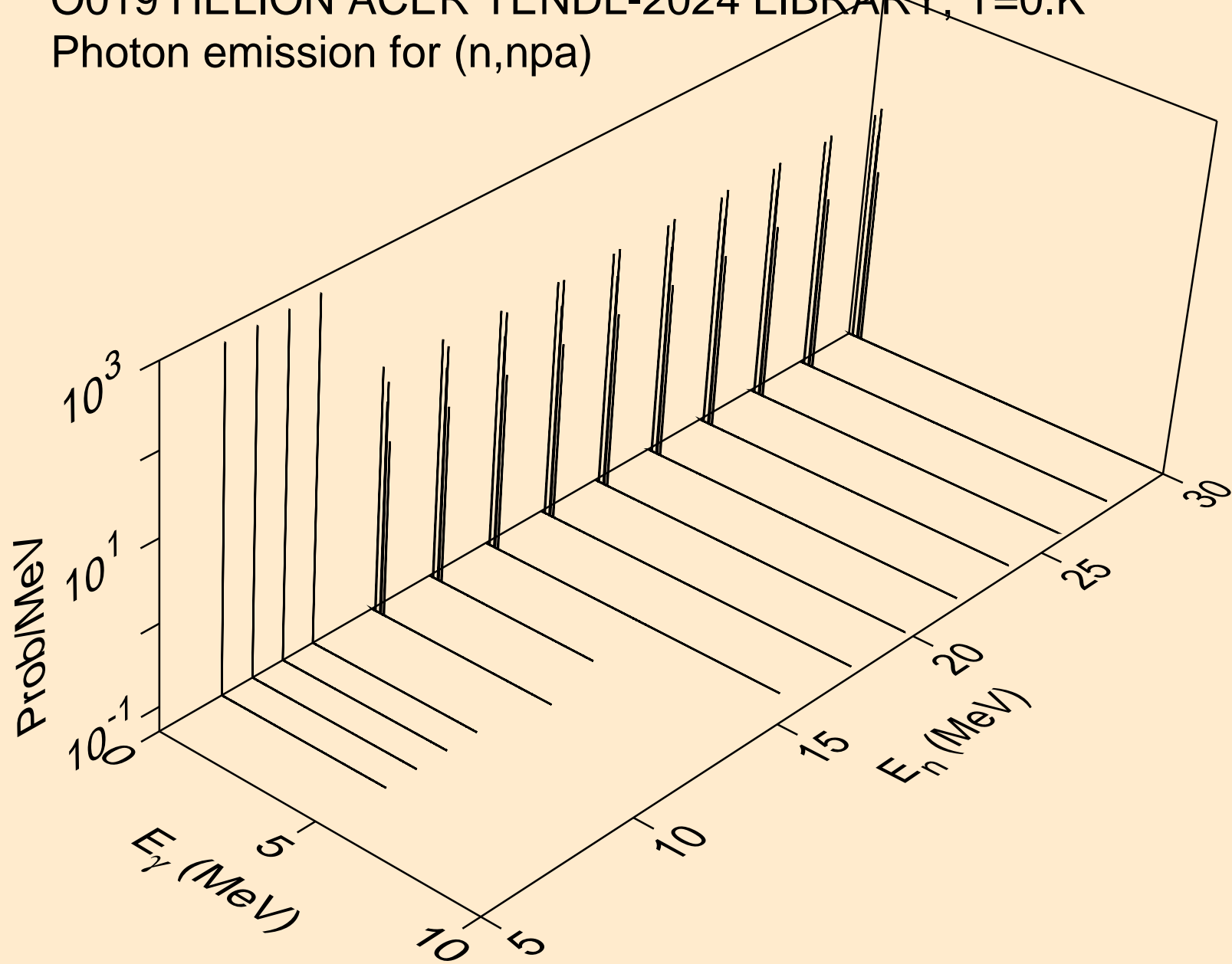
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3np)



O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n2p)

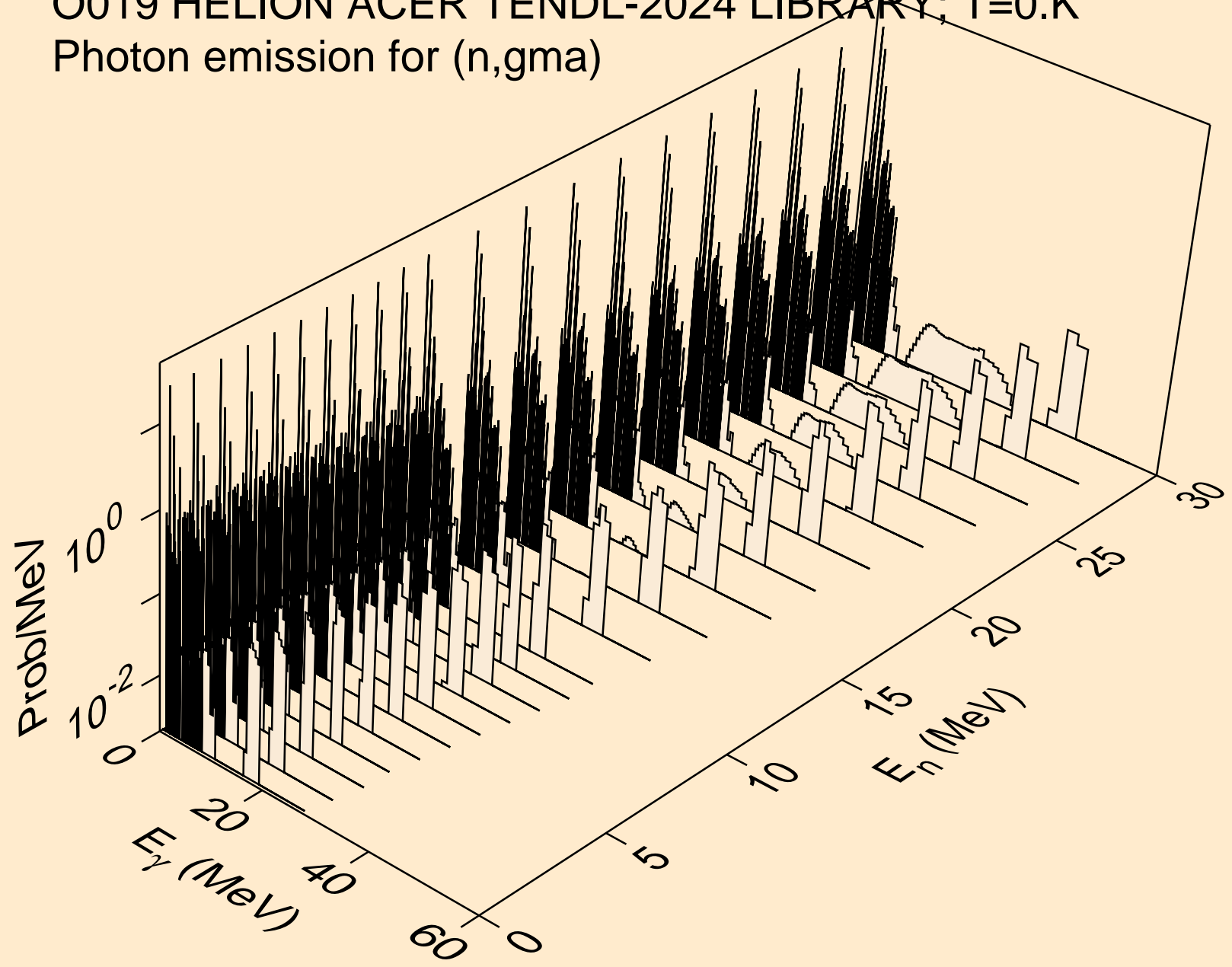


O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,npa)



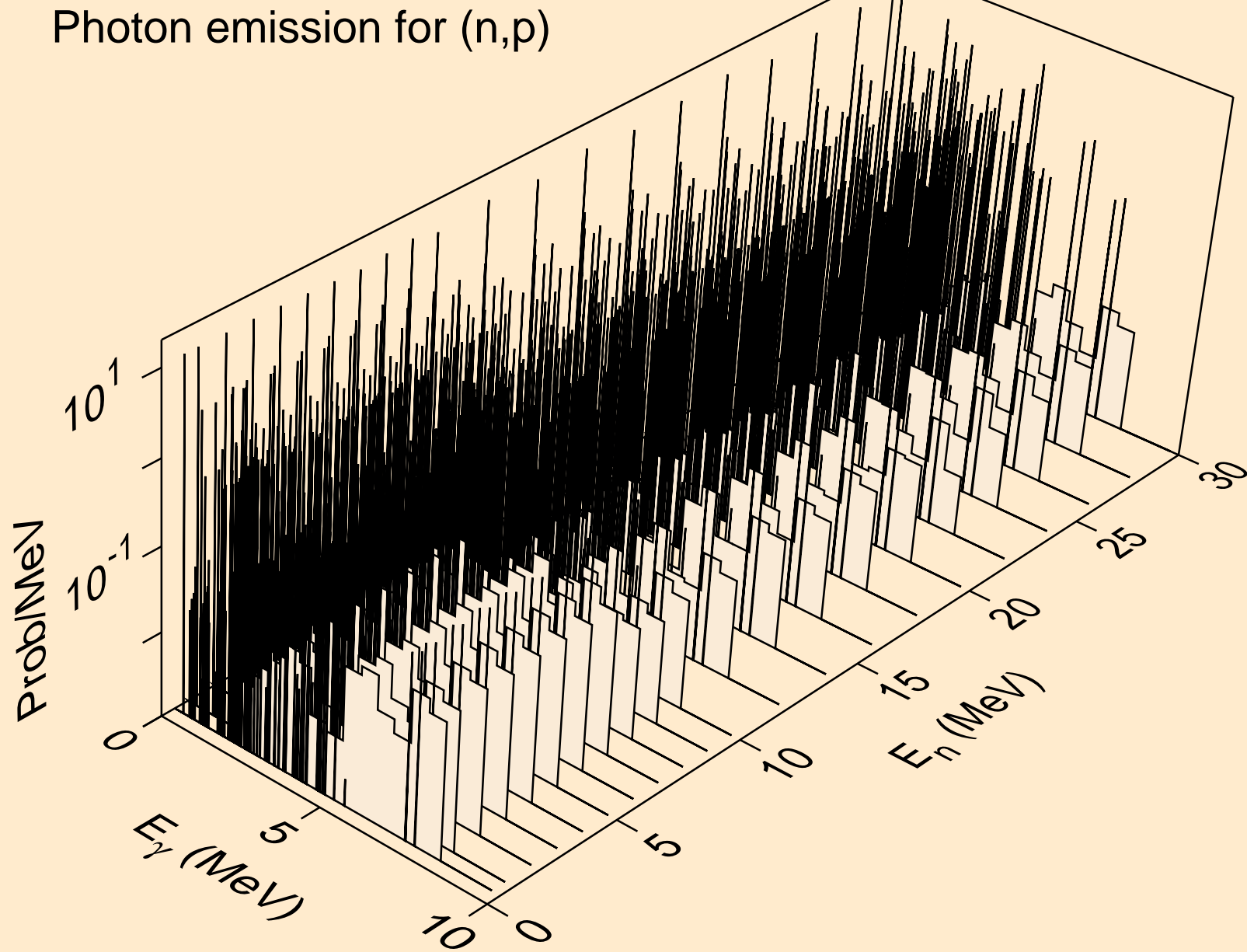
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,gma)

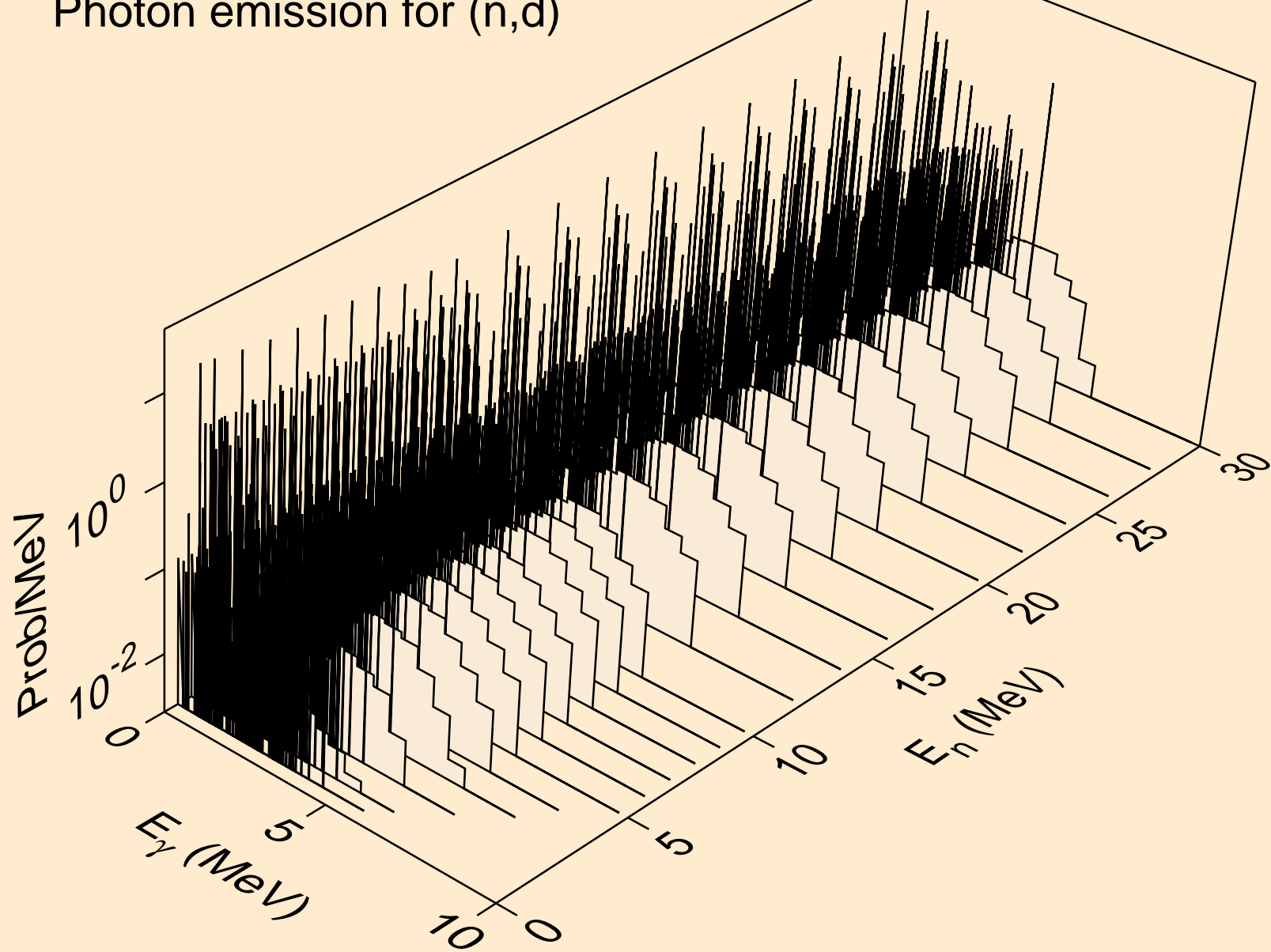


O019 HELION ACER TENDL-2024 LIBRARY; T=0.K

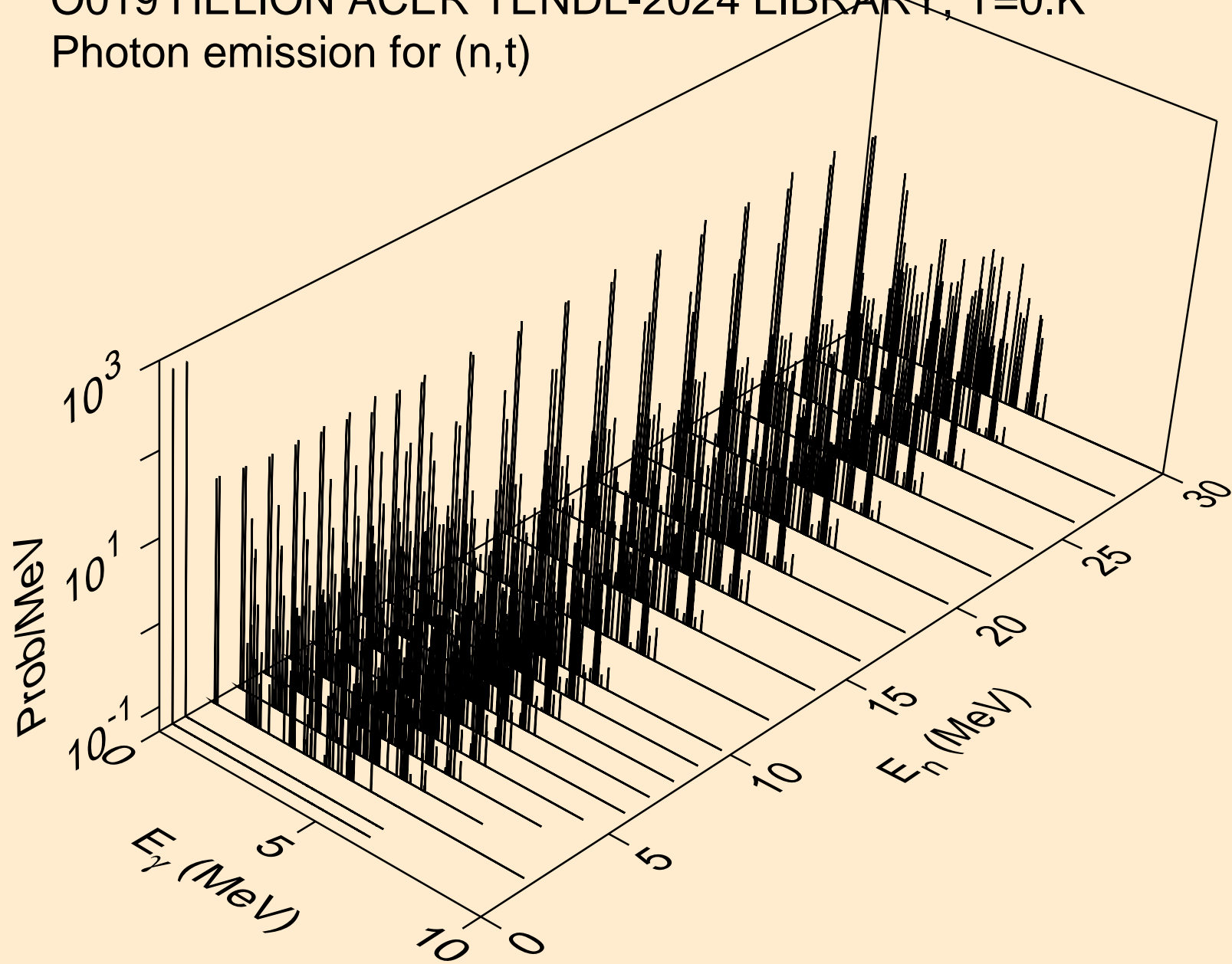
Photon emission for (n,p)



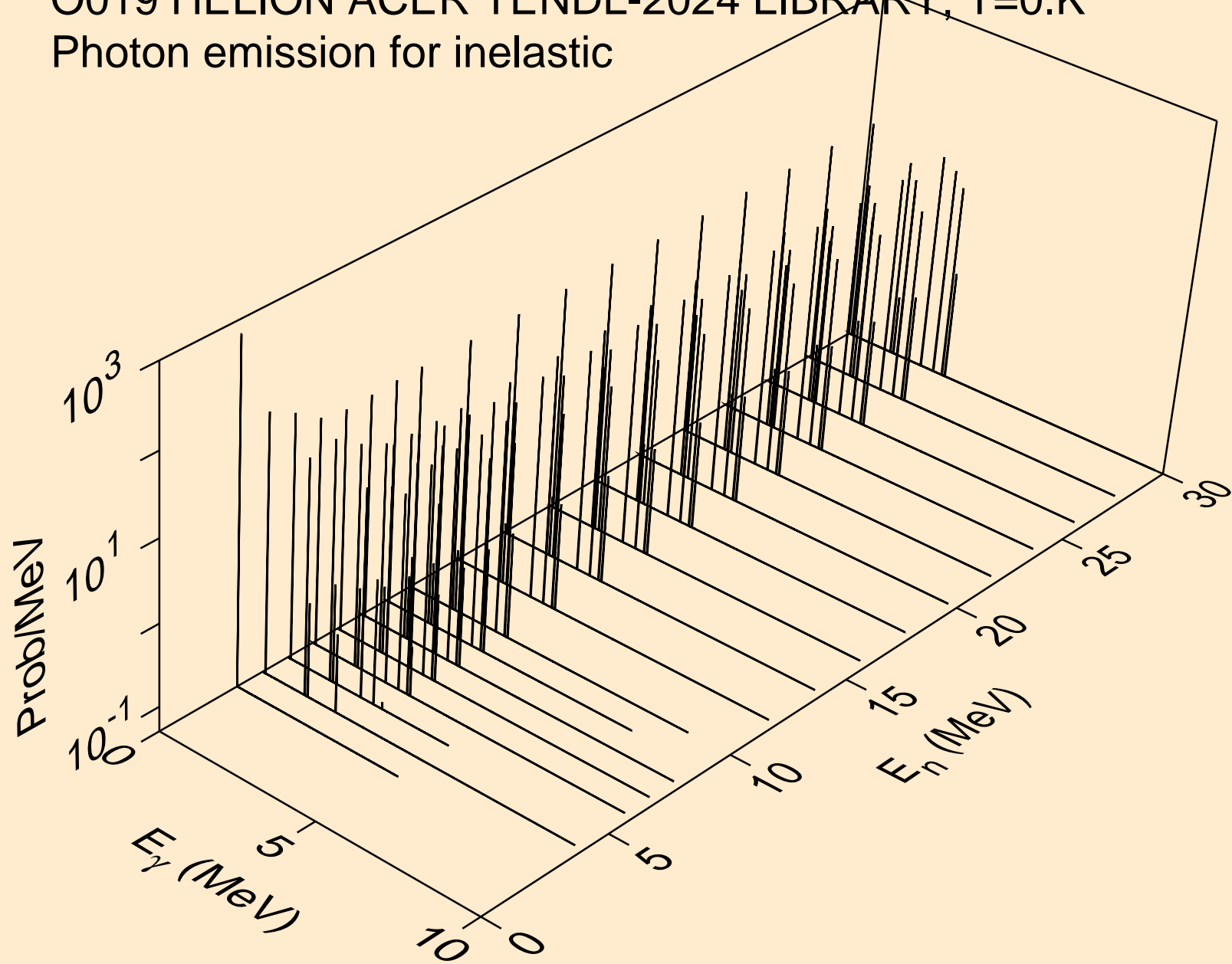
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,d)



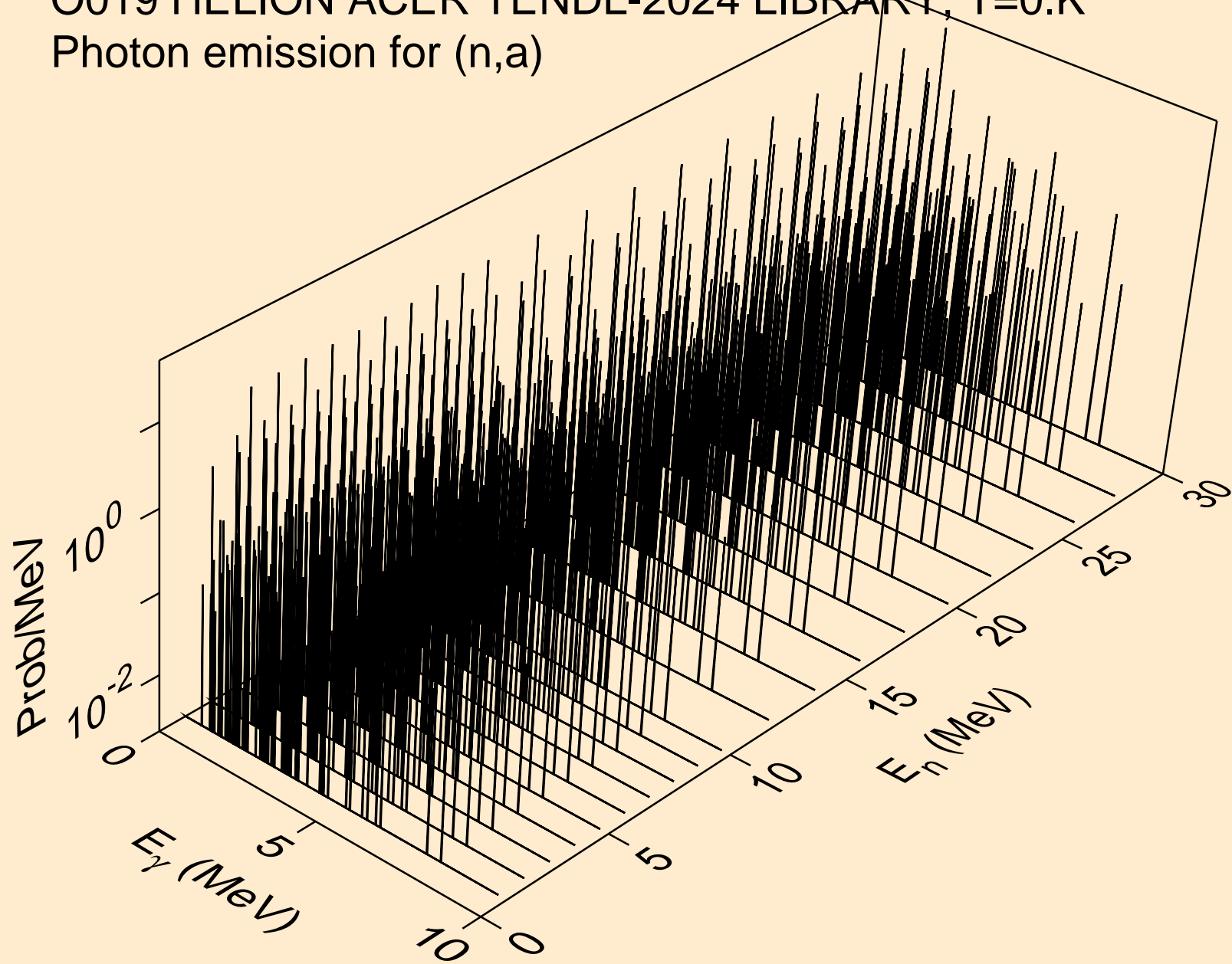
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,t)



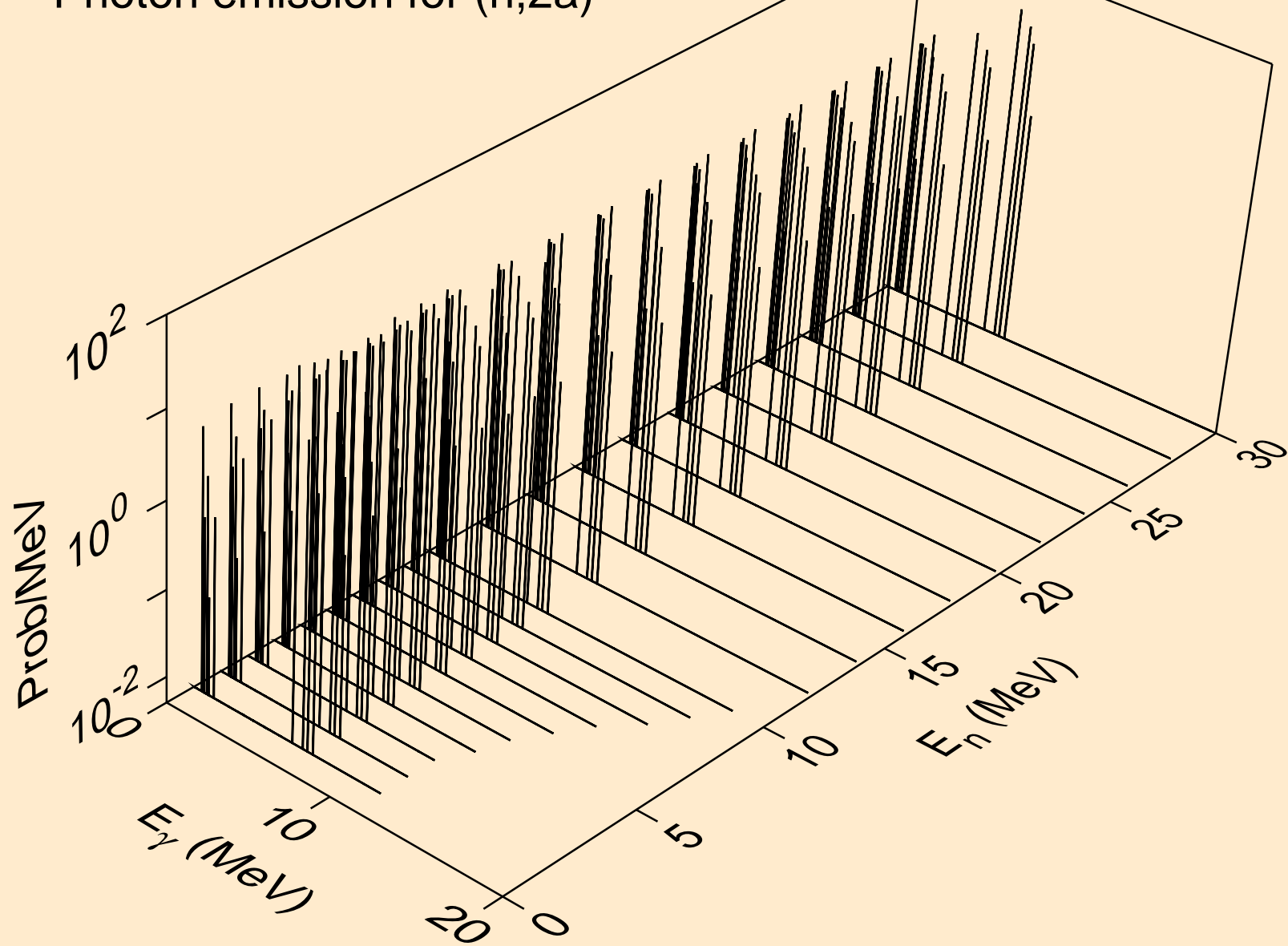
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for inelastic



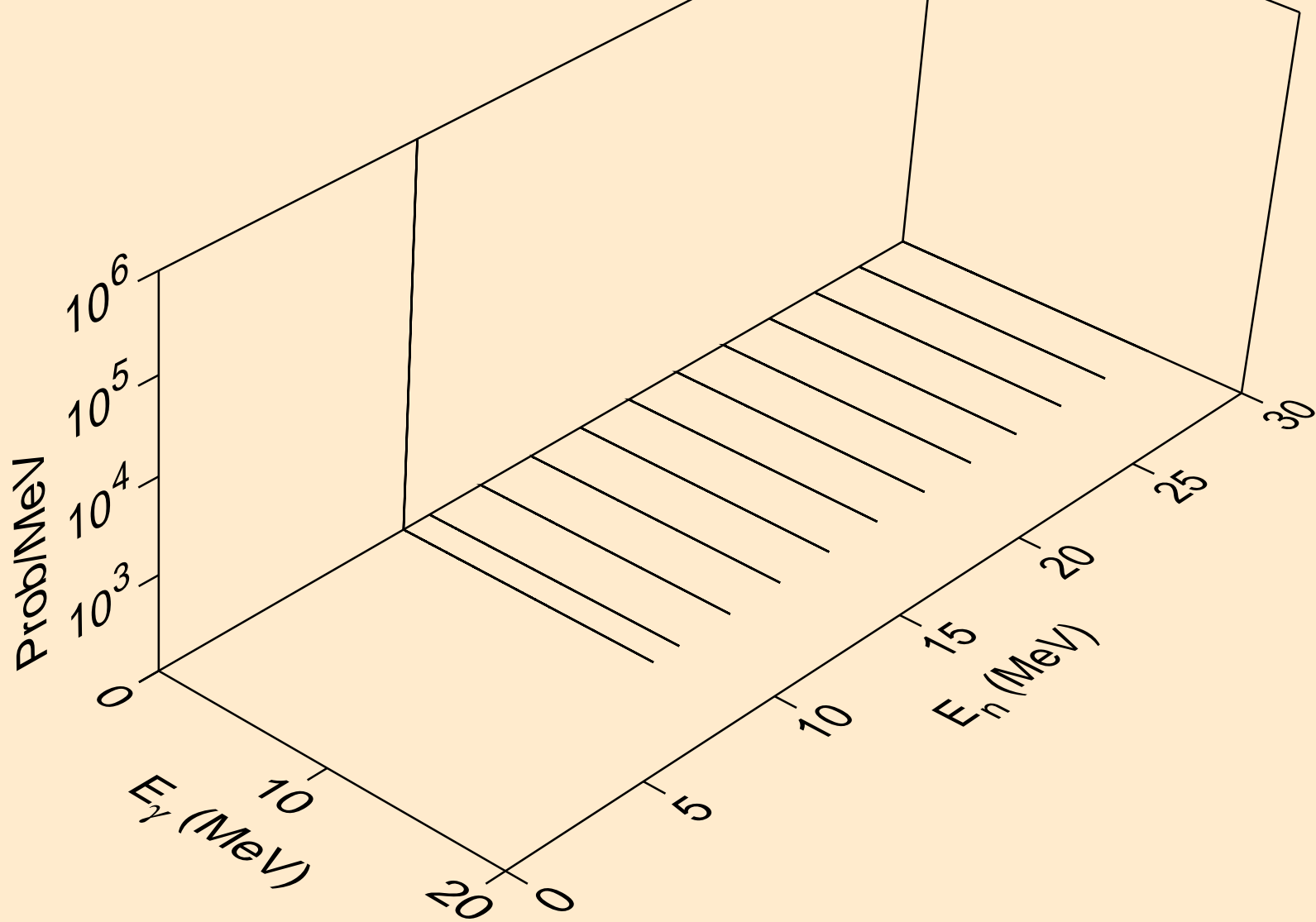
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,a)



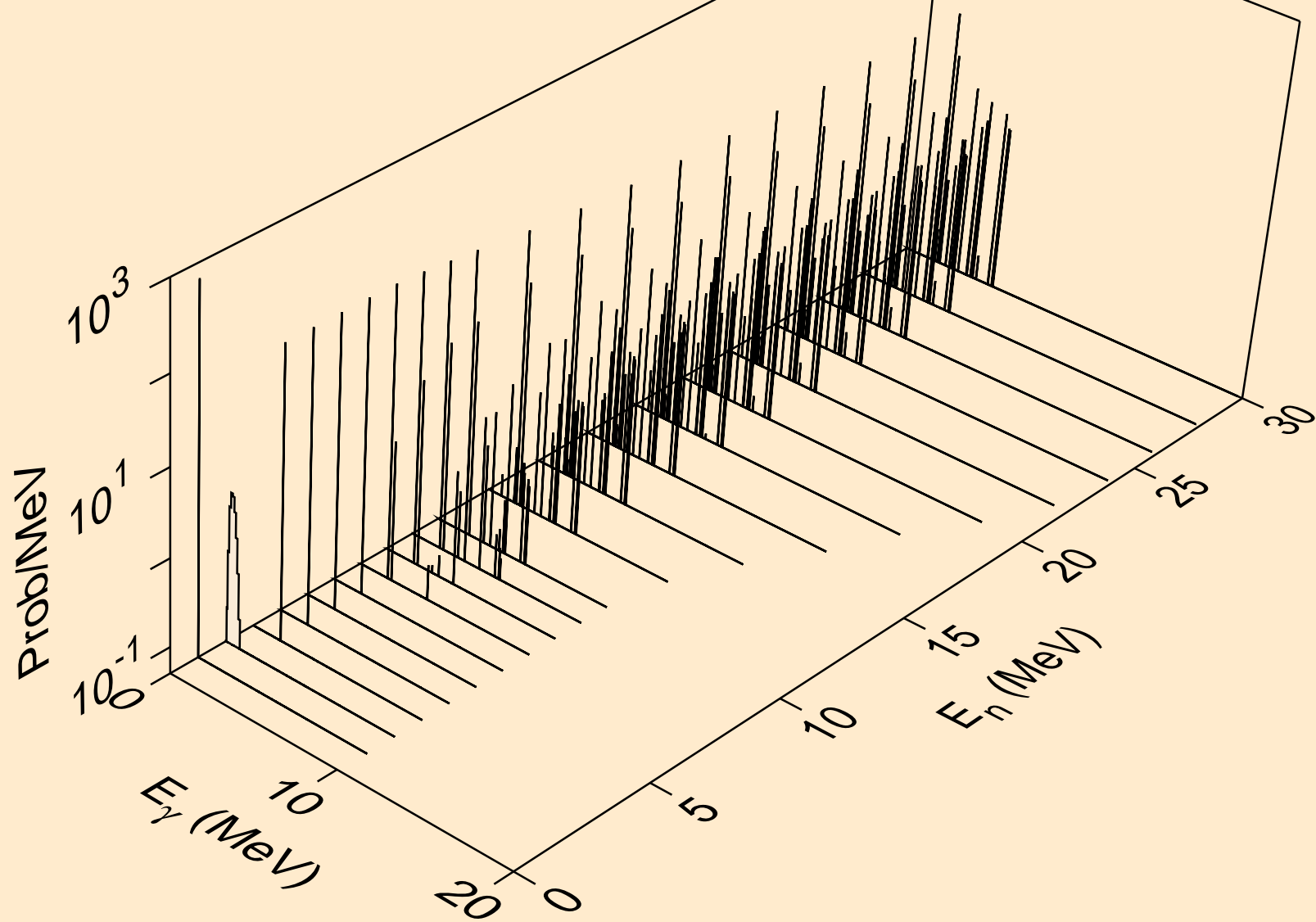
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2a)



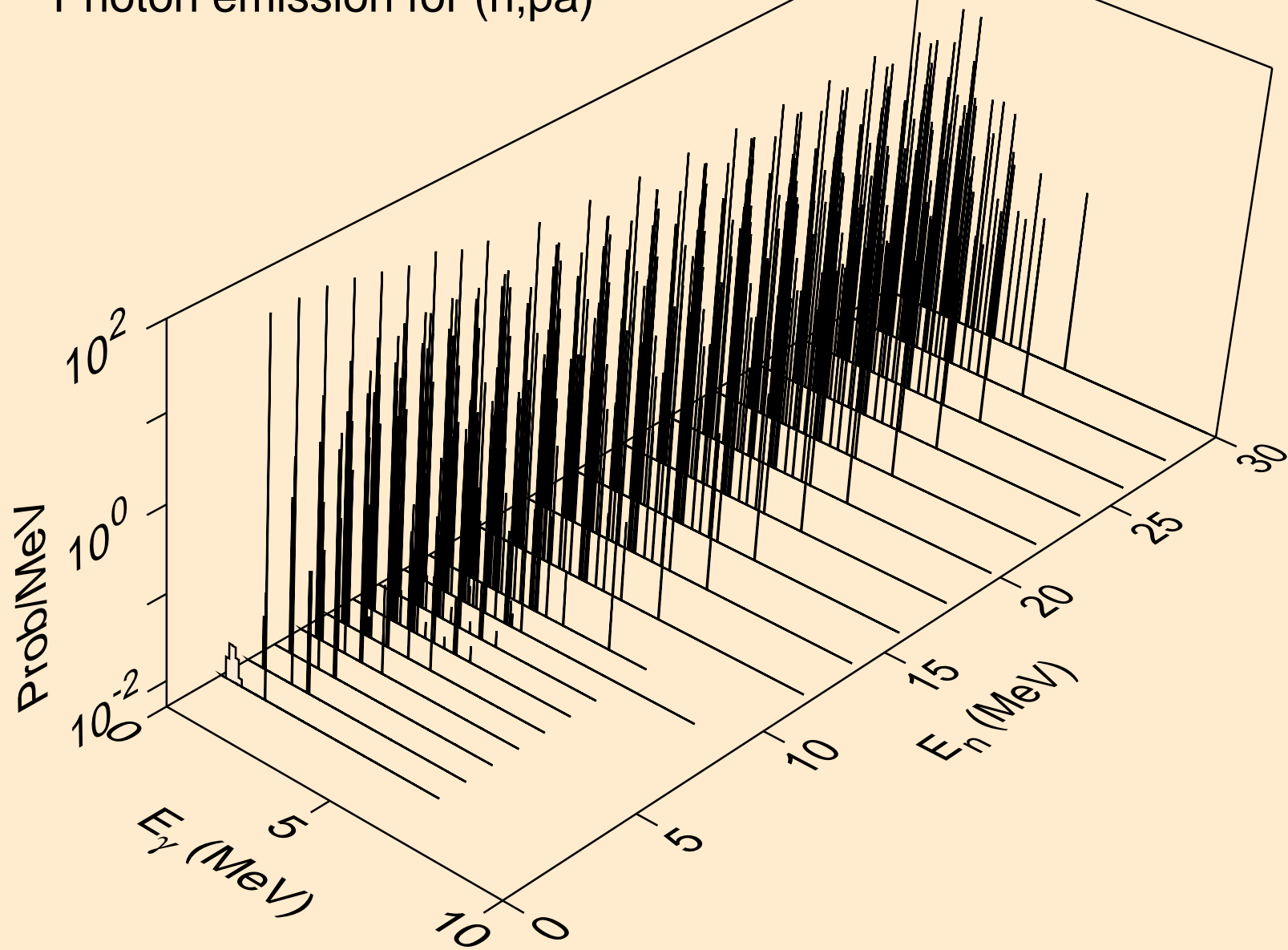
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3a)



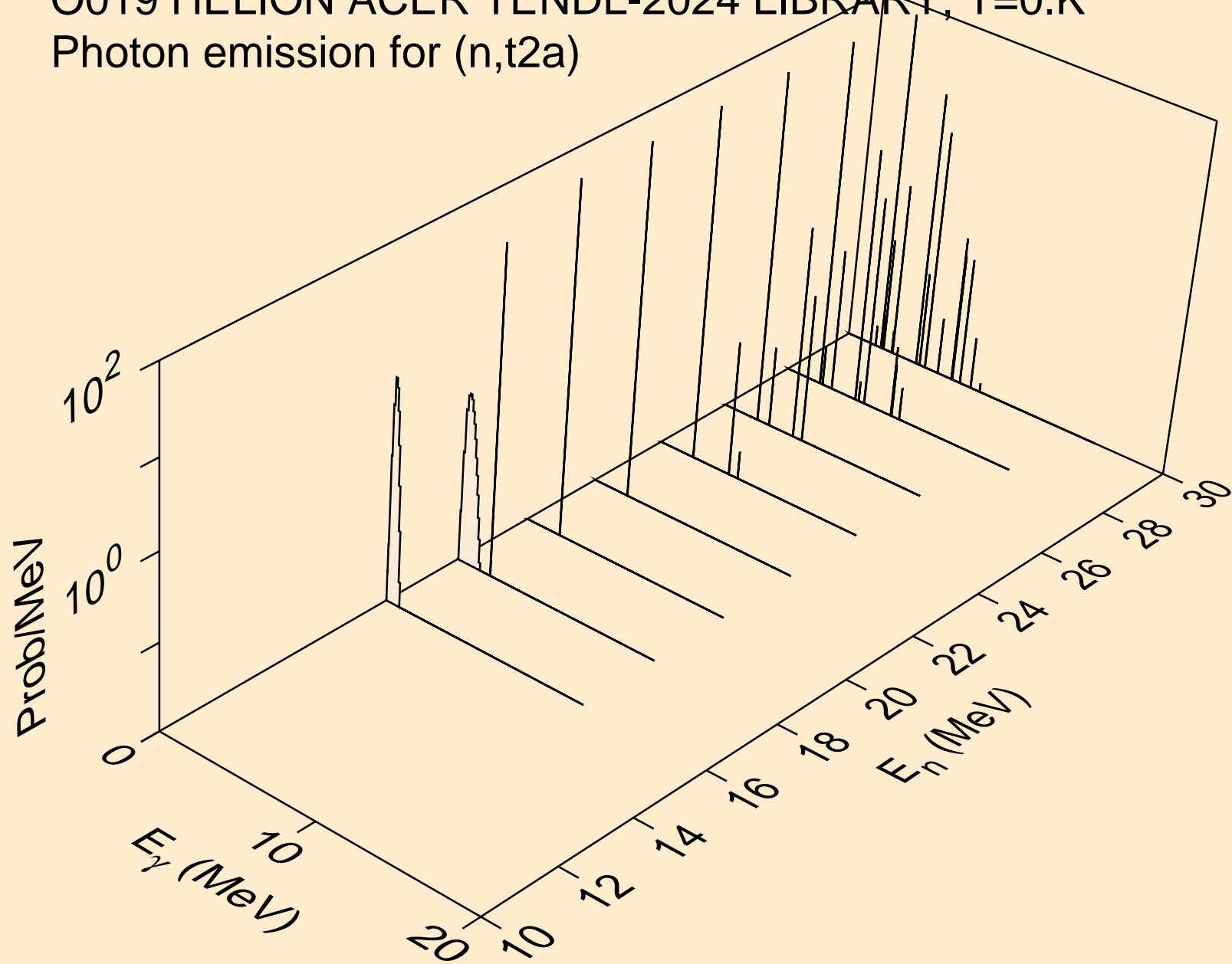
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2p)



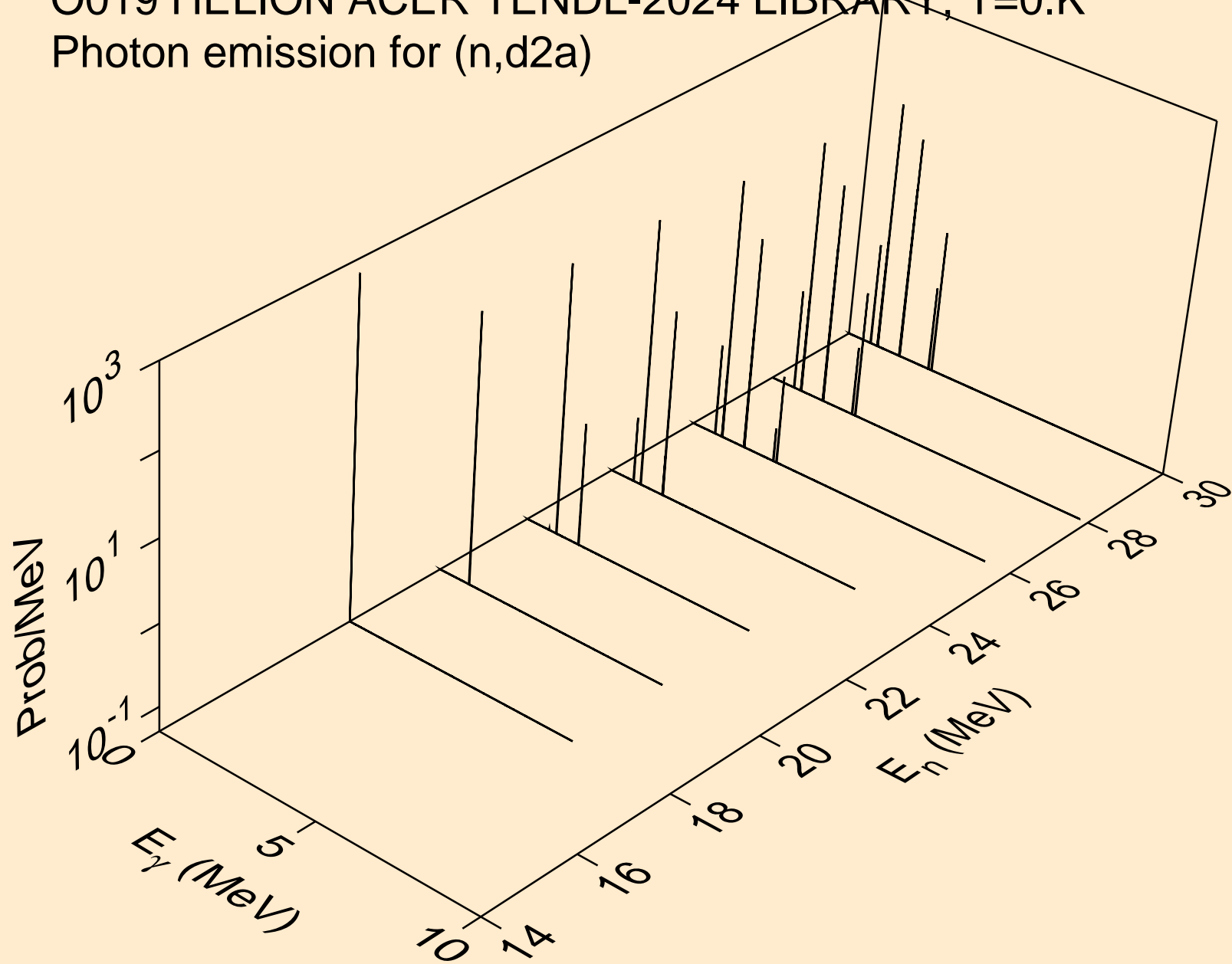
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pa)



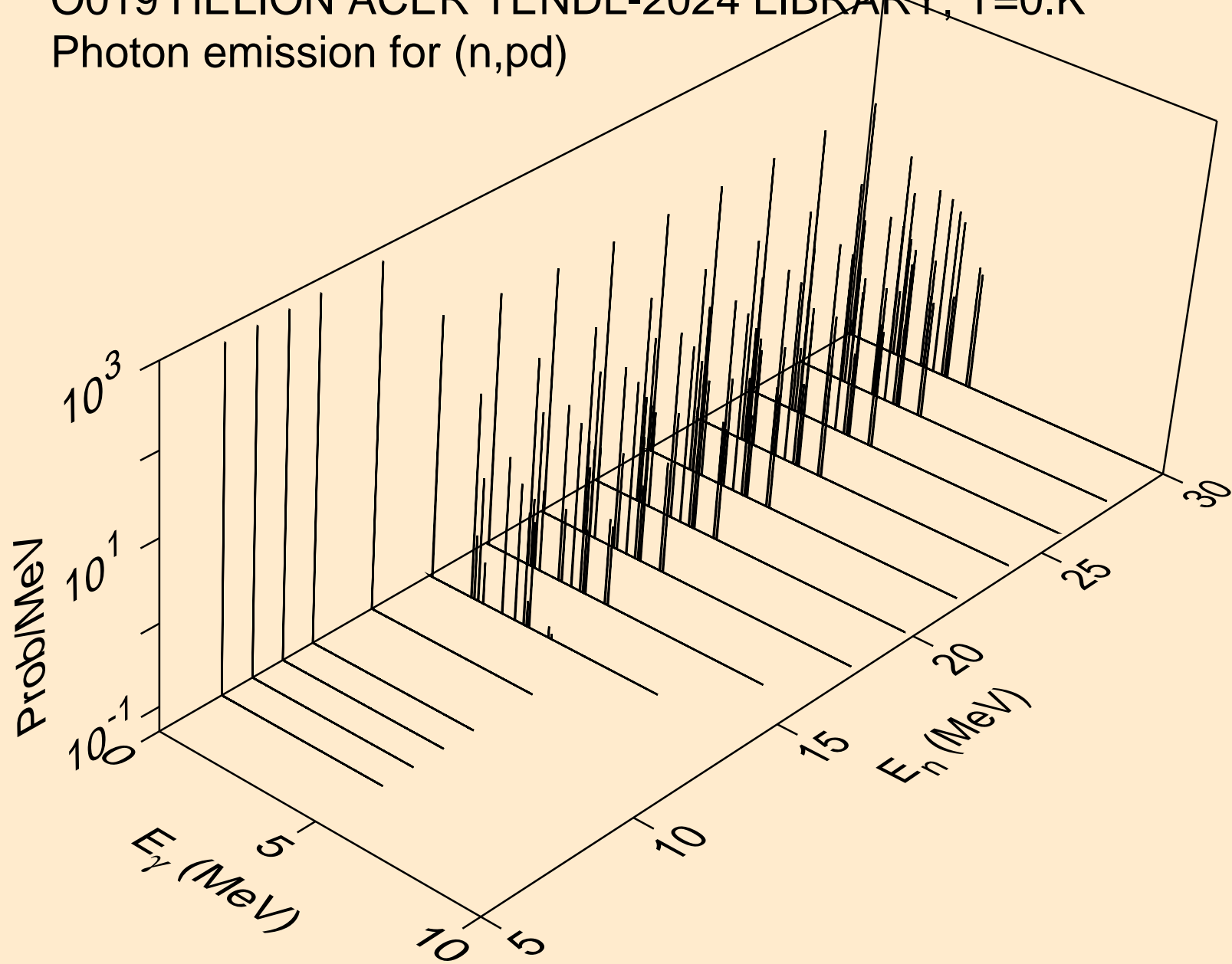
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,t2a)



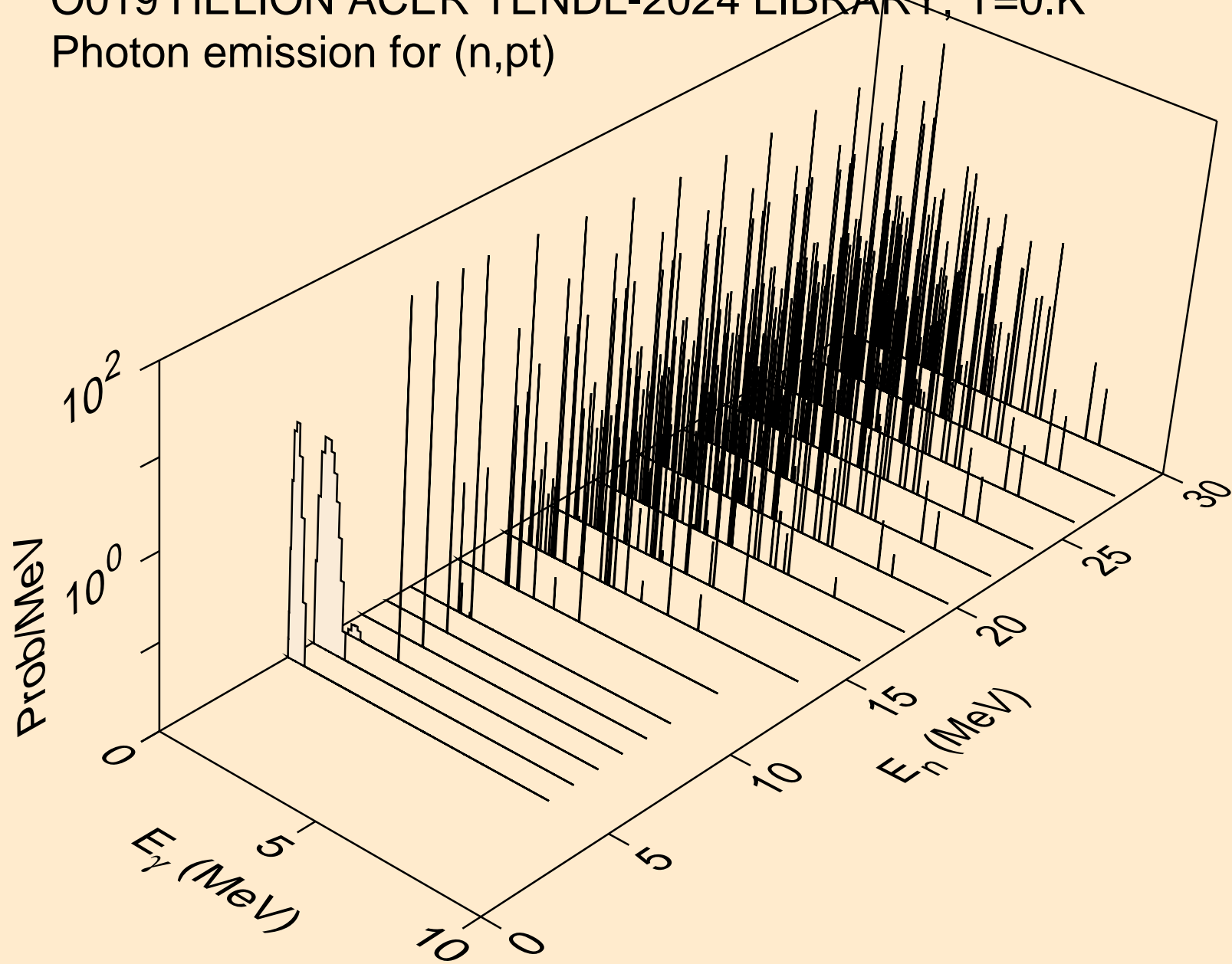
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,d2a)



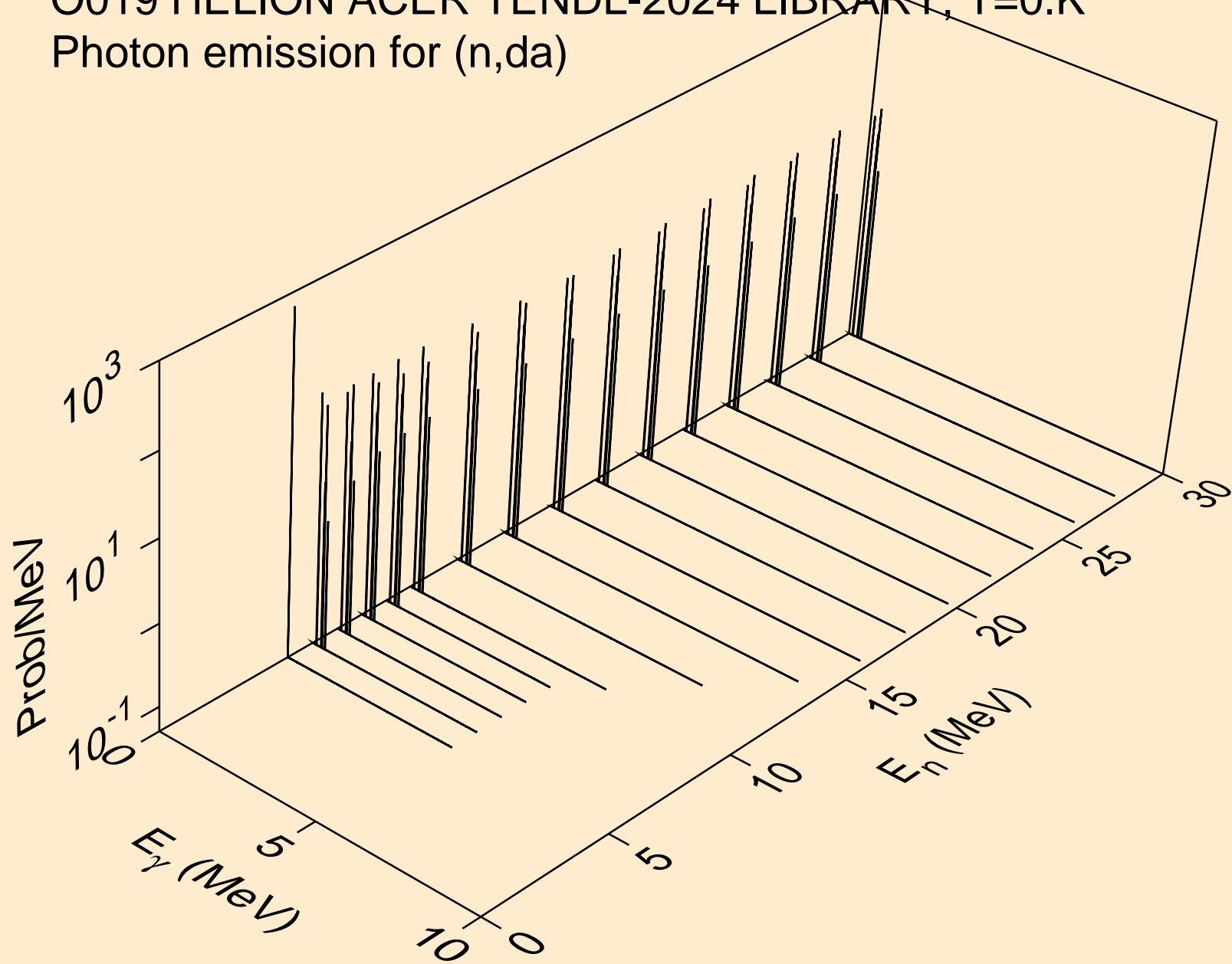
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pd)



O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pt)

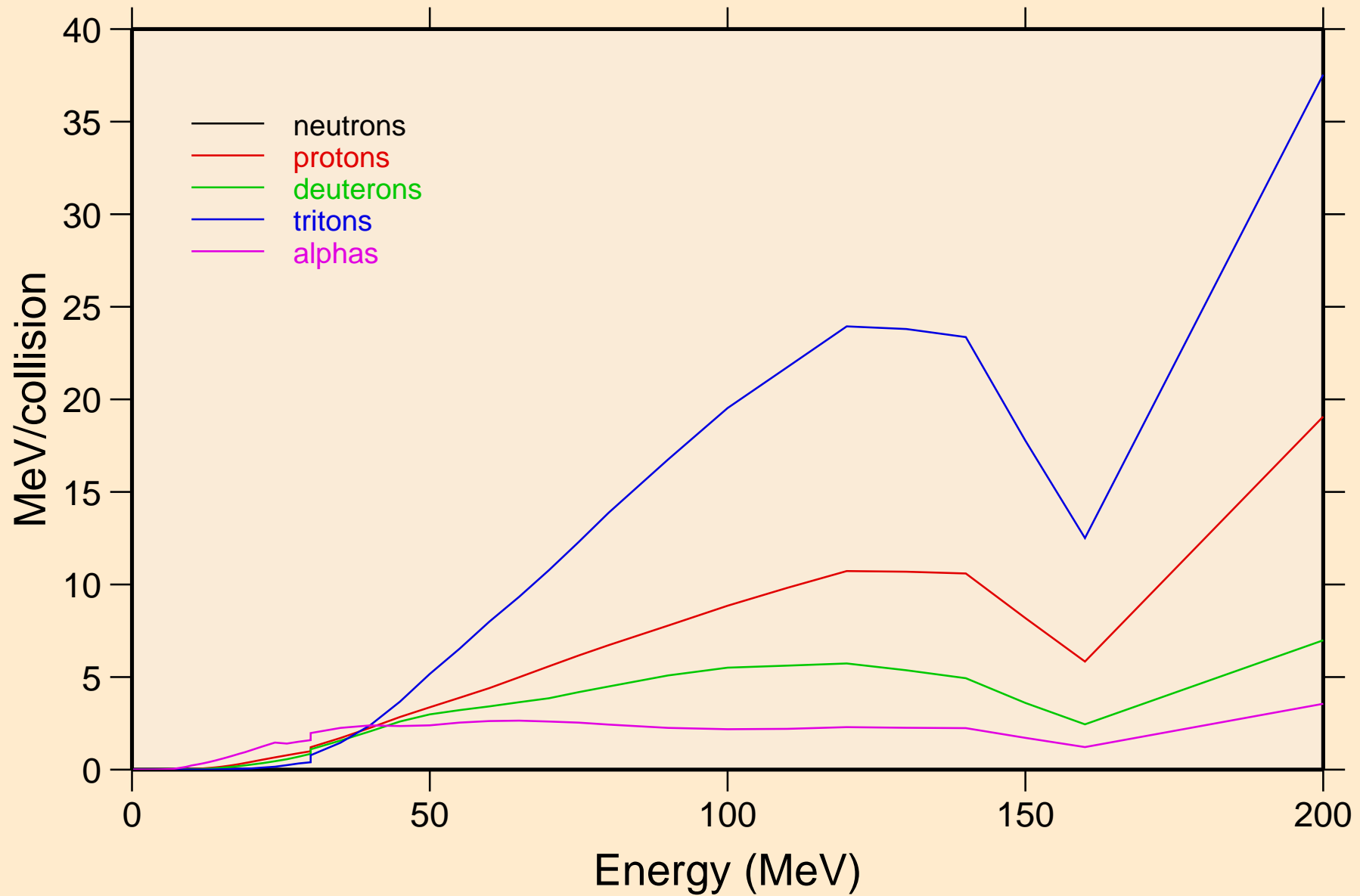


O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,da)

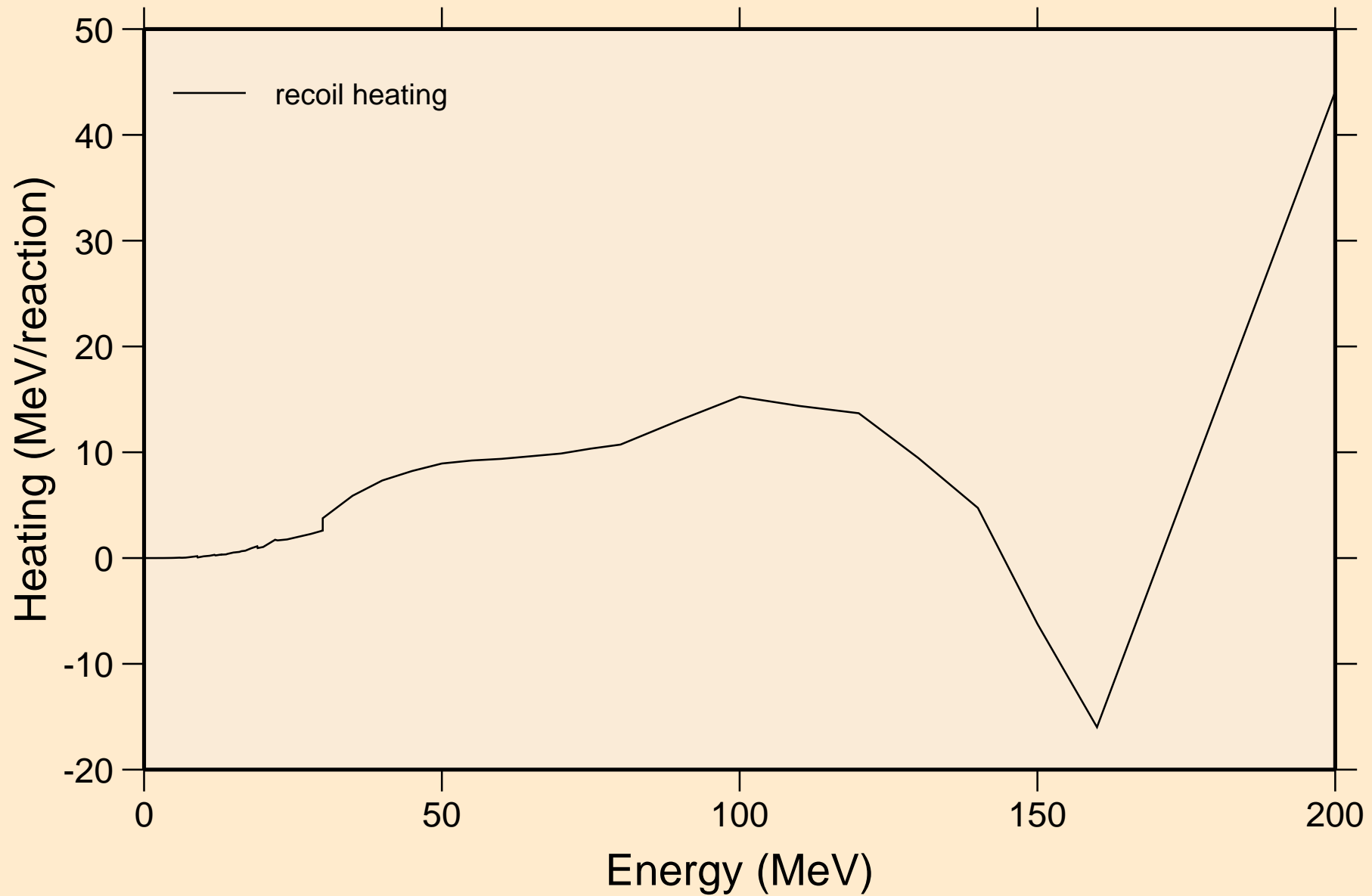


O019 HELION ACER TENDL-2024 LIBRARY; T=0.K

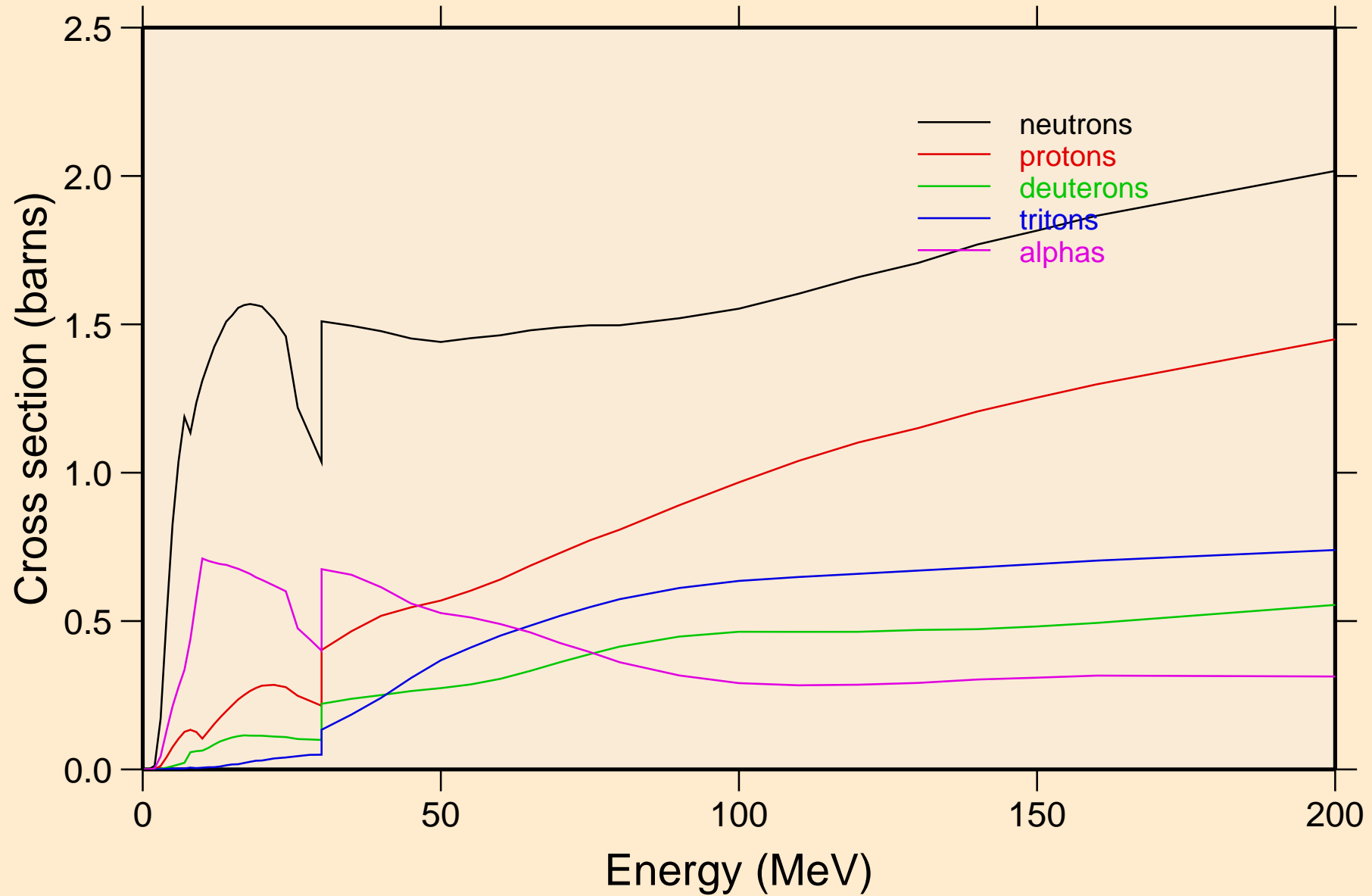
Particle heating contributions



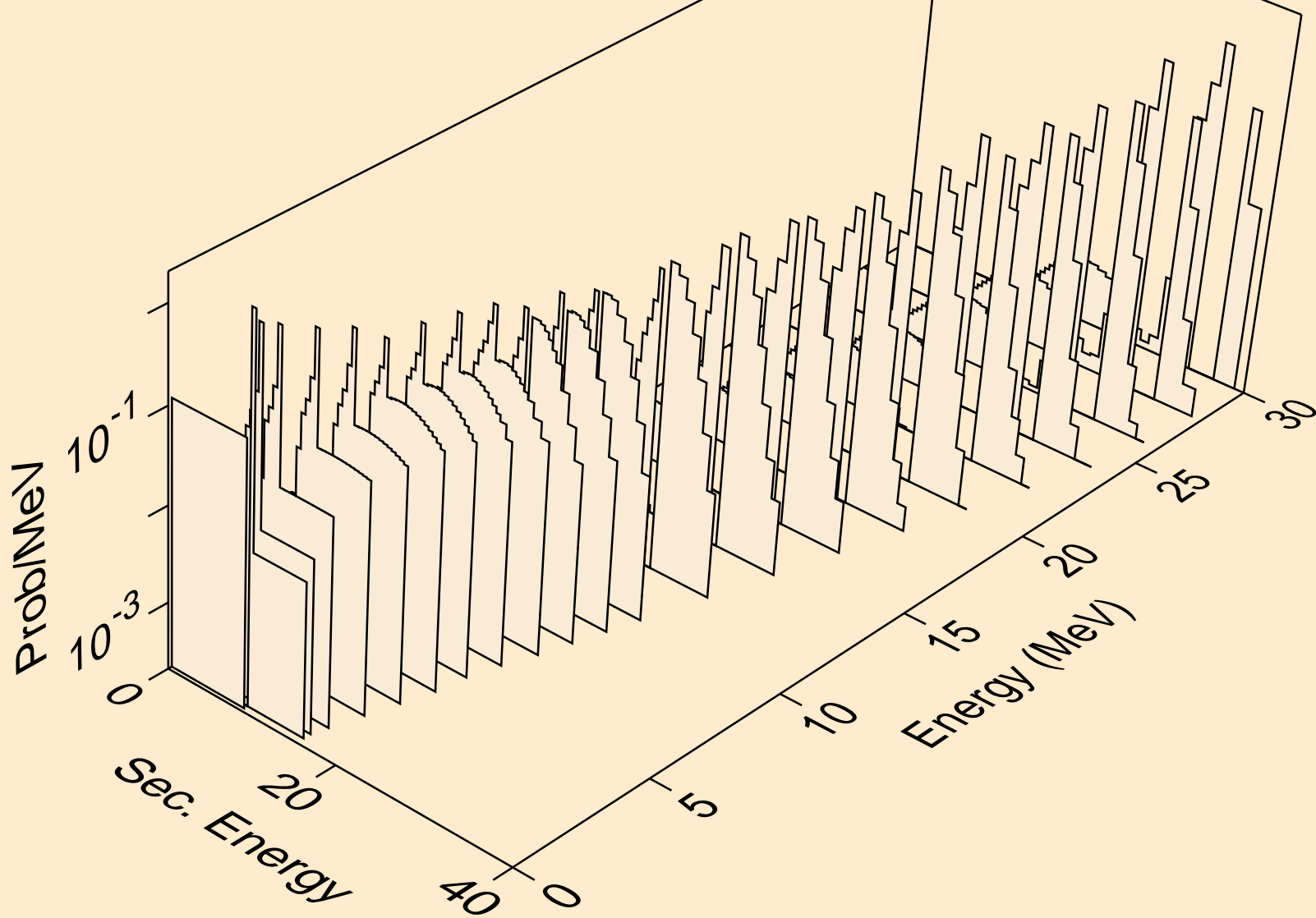
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
Recoil Heating



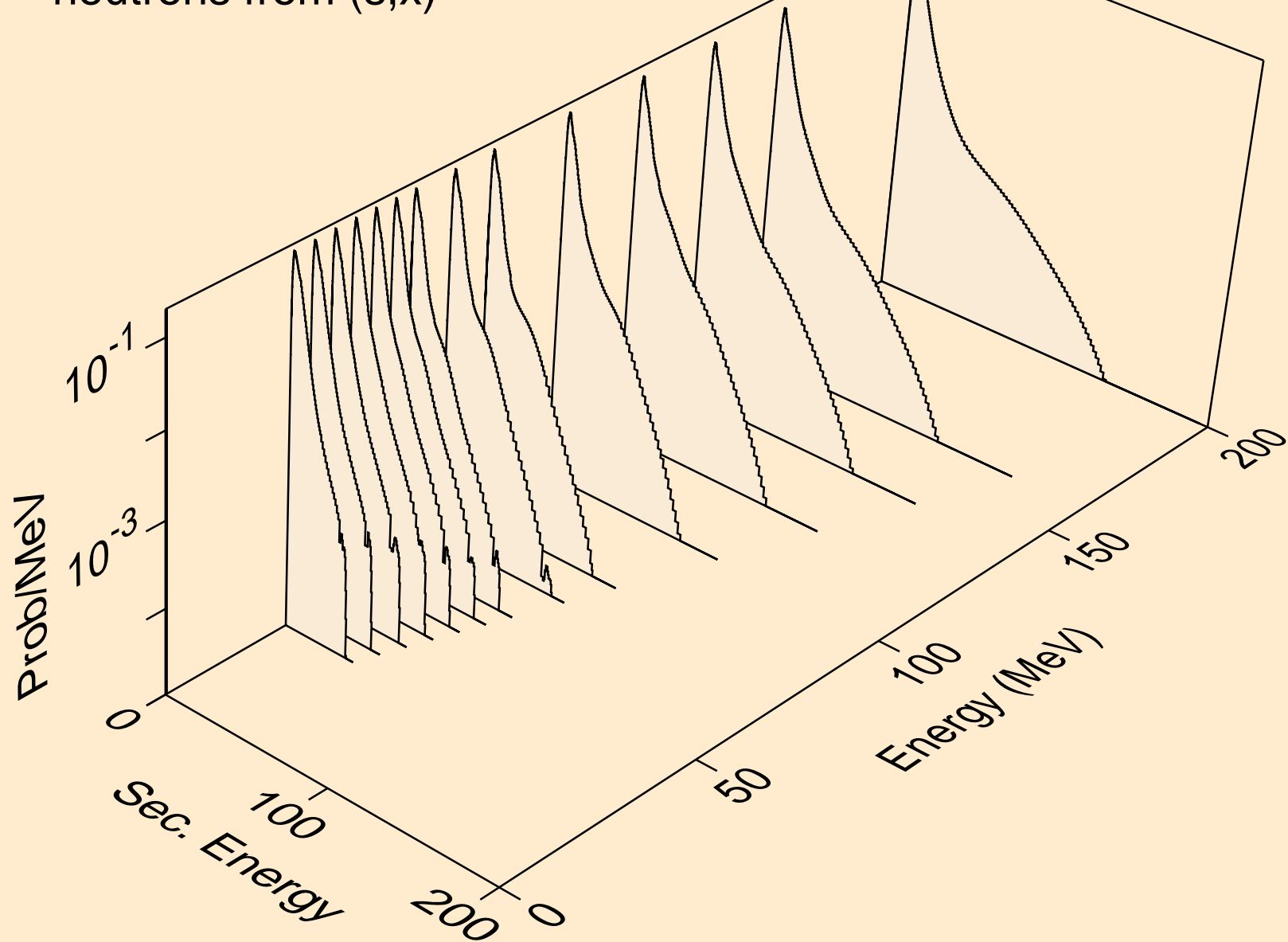
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
Particle production cross sections



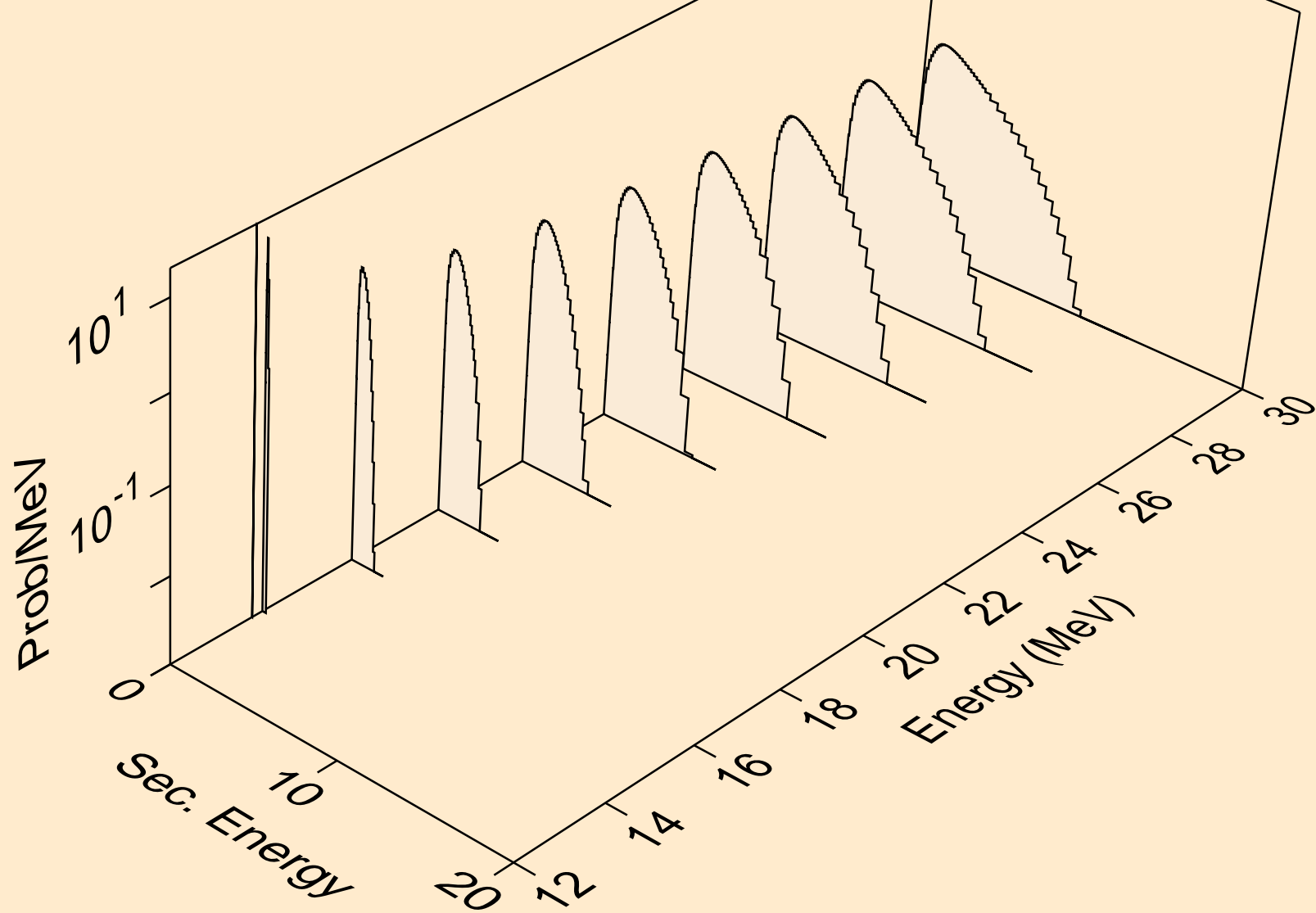
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,n)



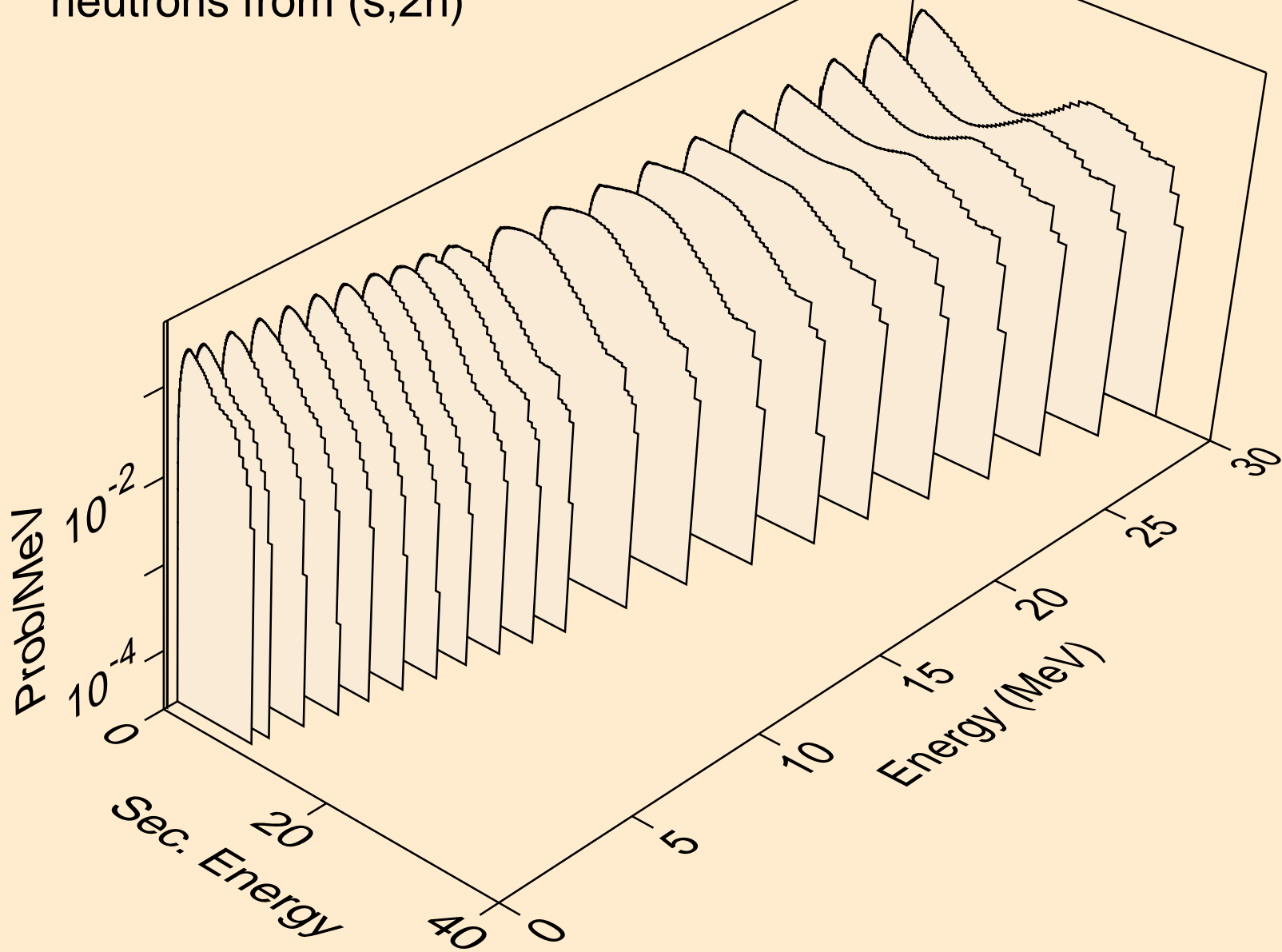
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,x)



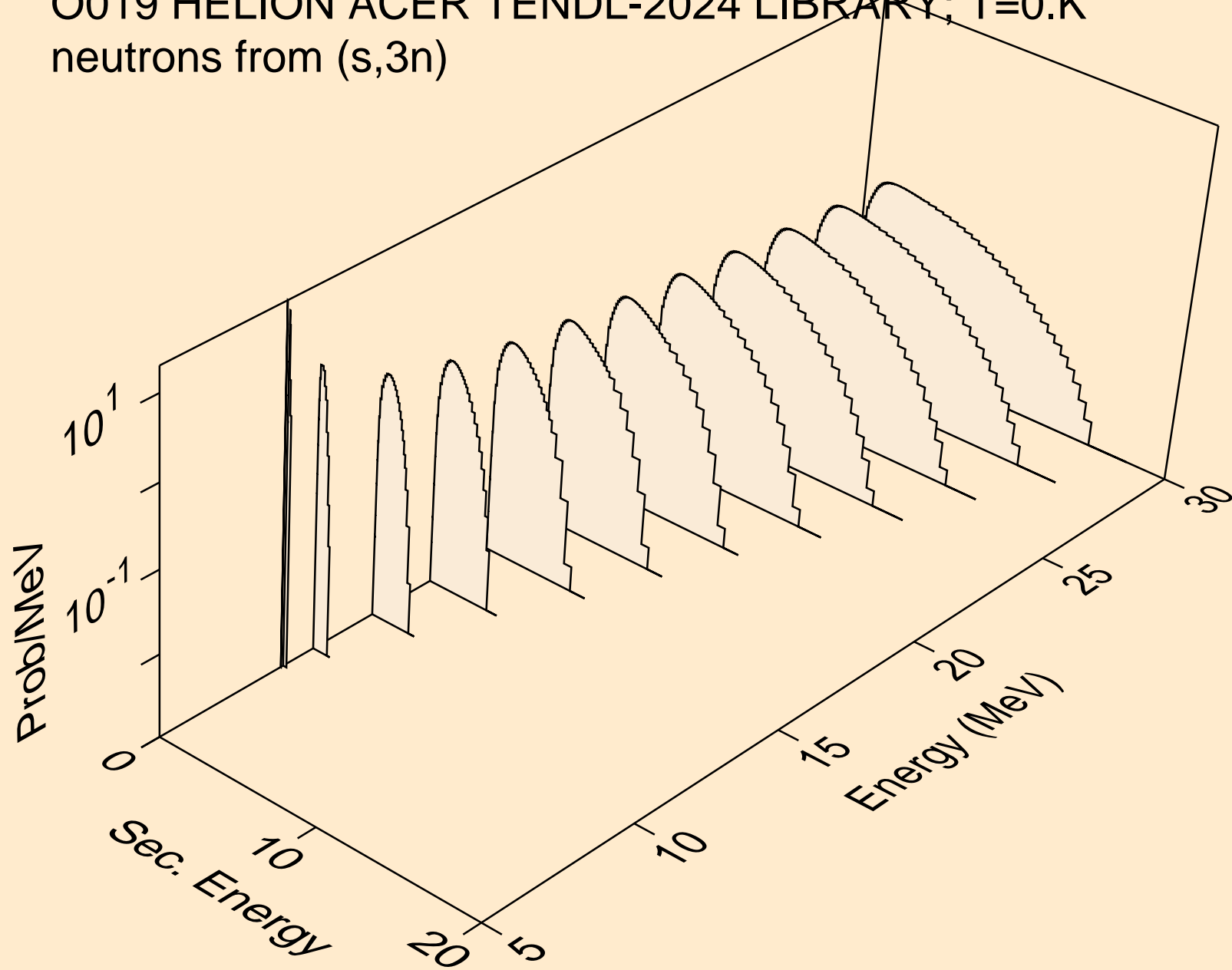
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,2nd)



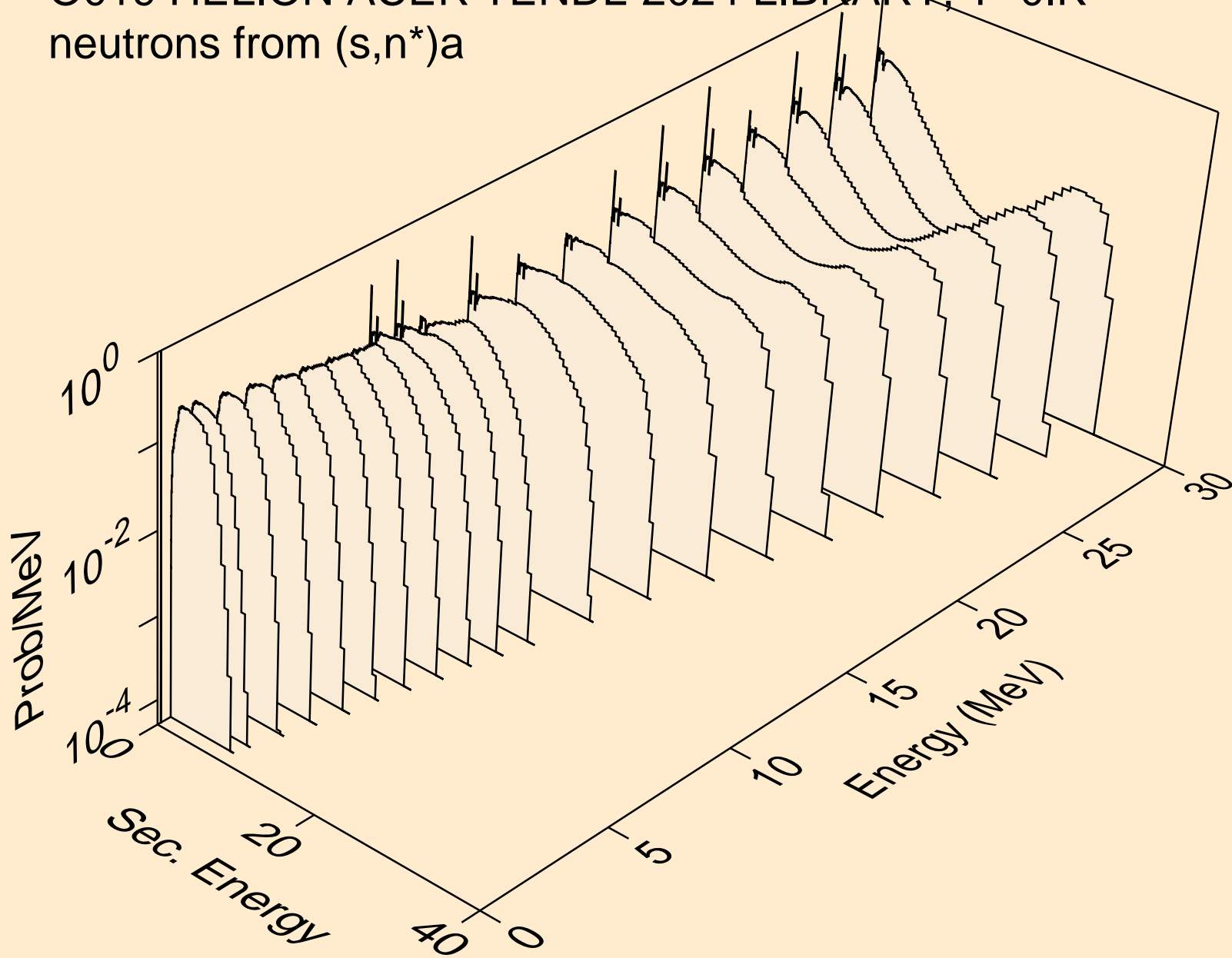
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,2n)



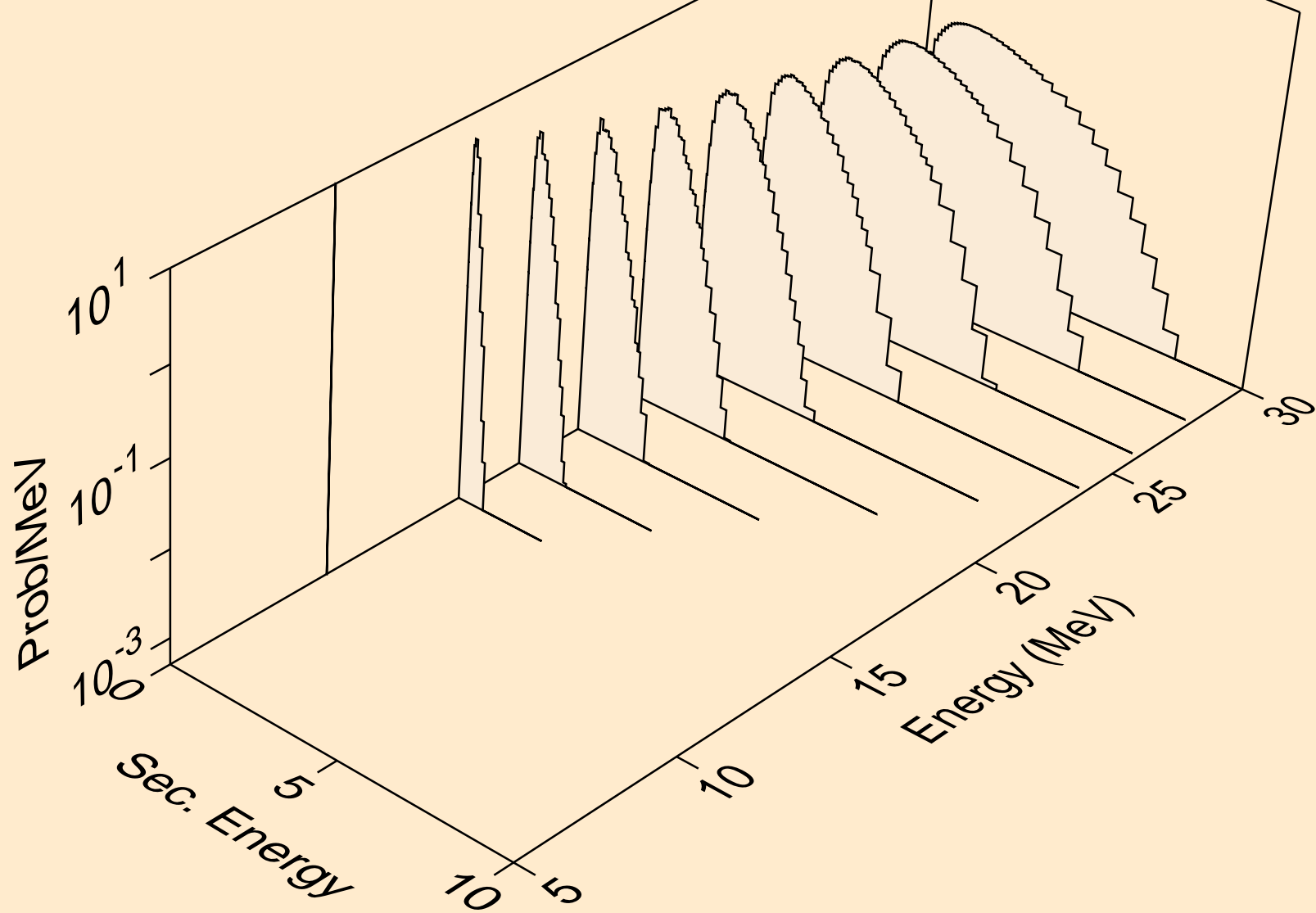
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,3n)



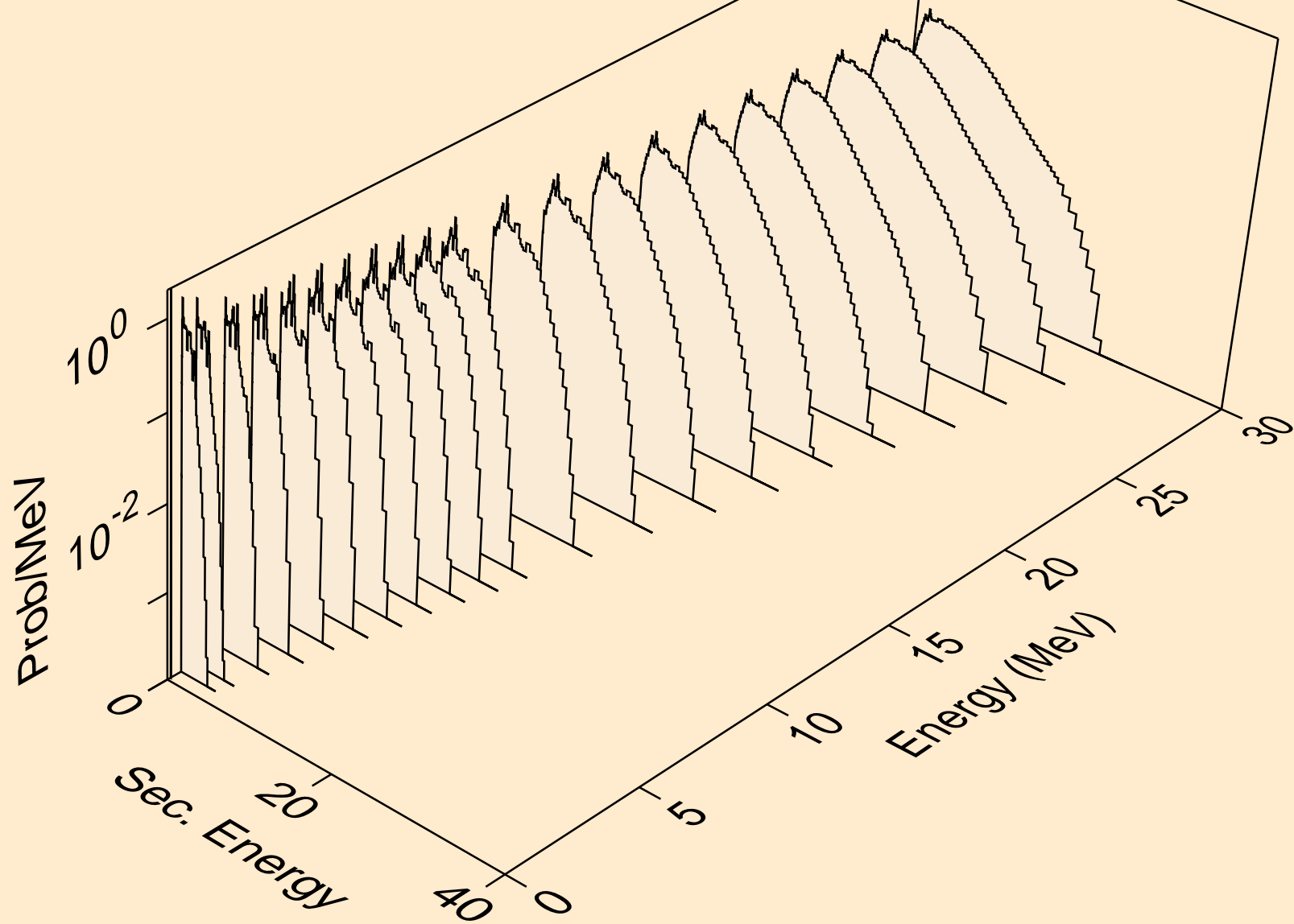
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,n*)a



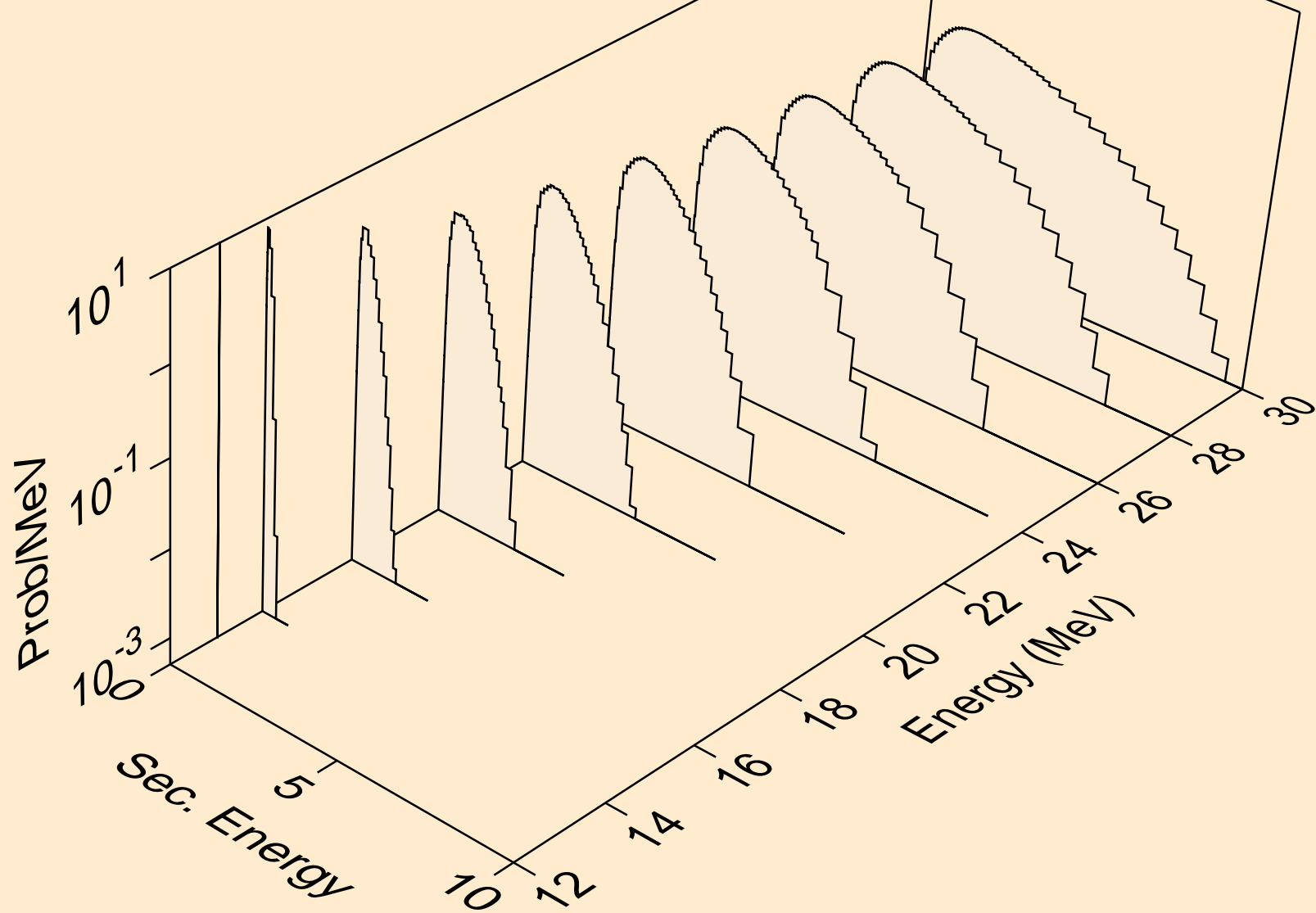
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,n*)3a



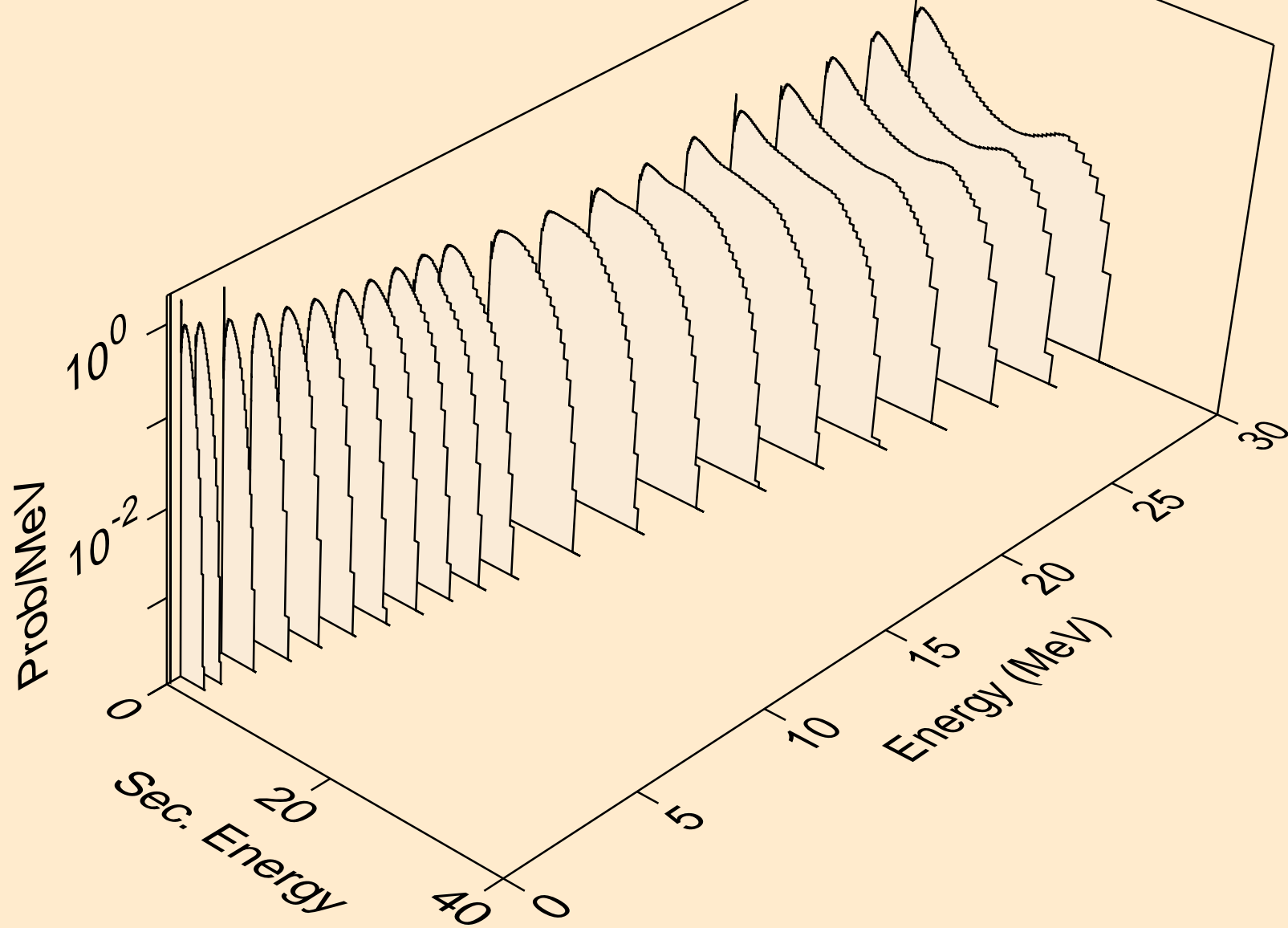
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,2n)a



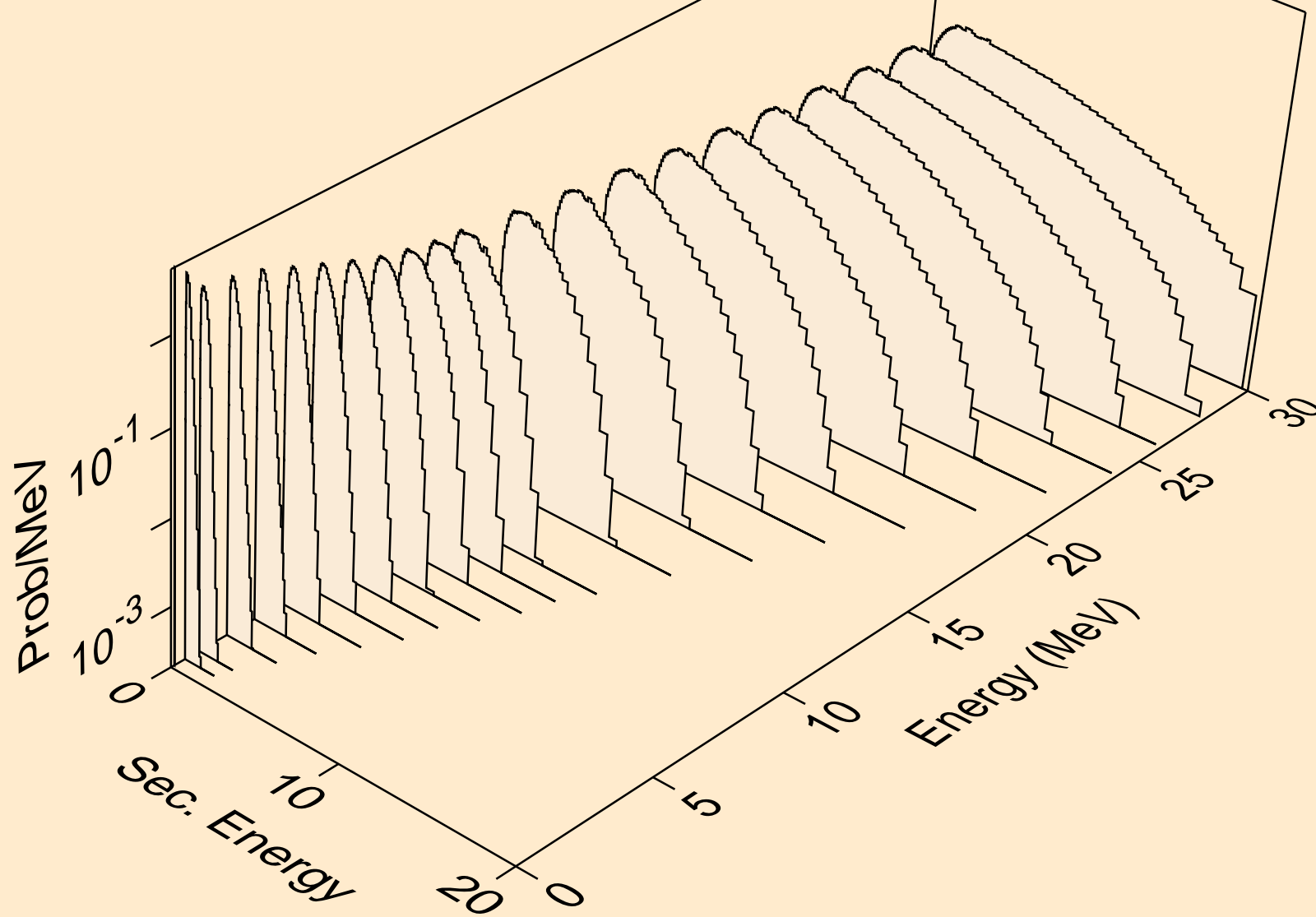
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,3n)a



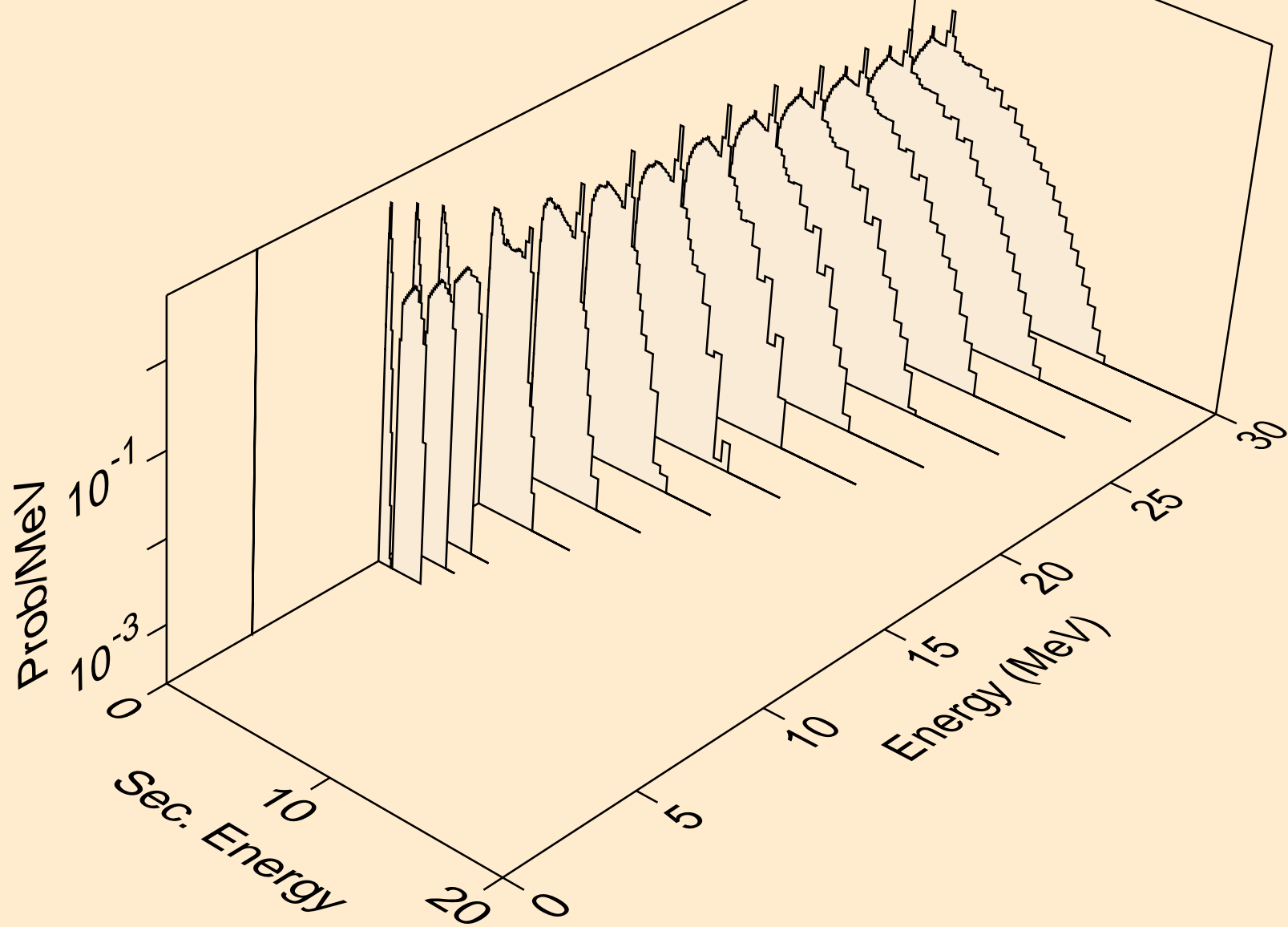
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,n*)p



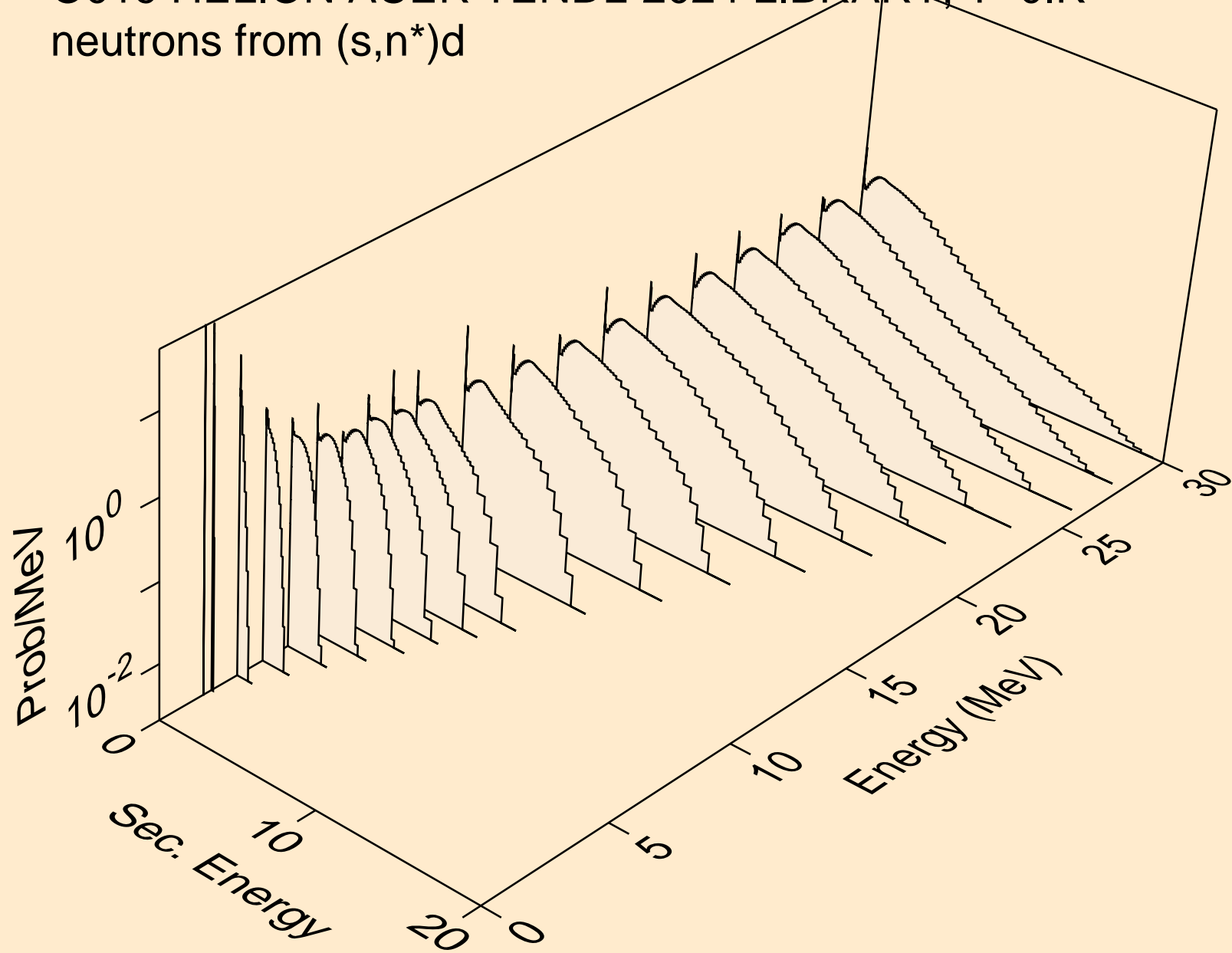
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,n*)2a



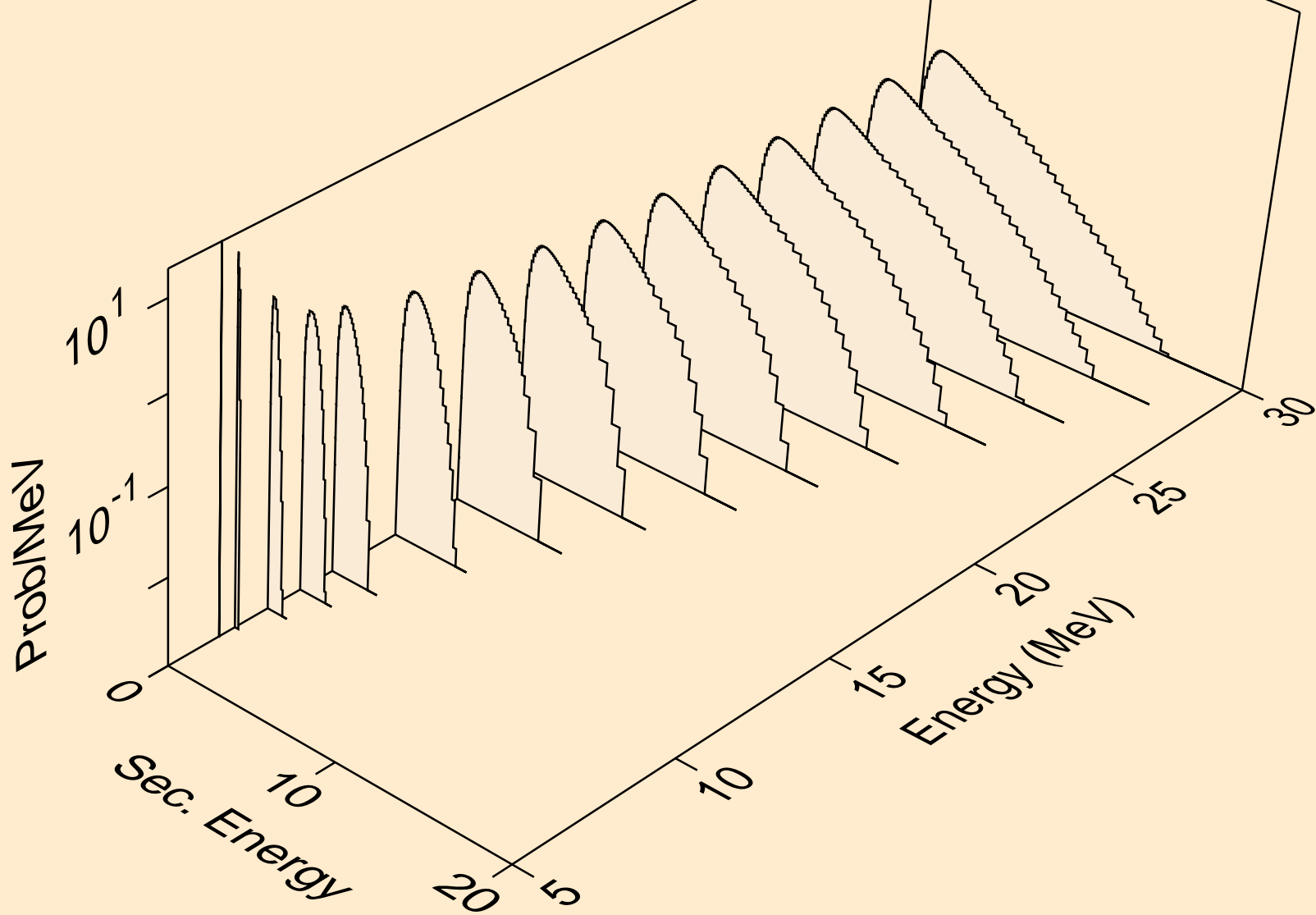
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,2n)2a



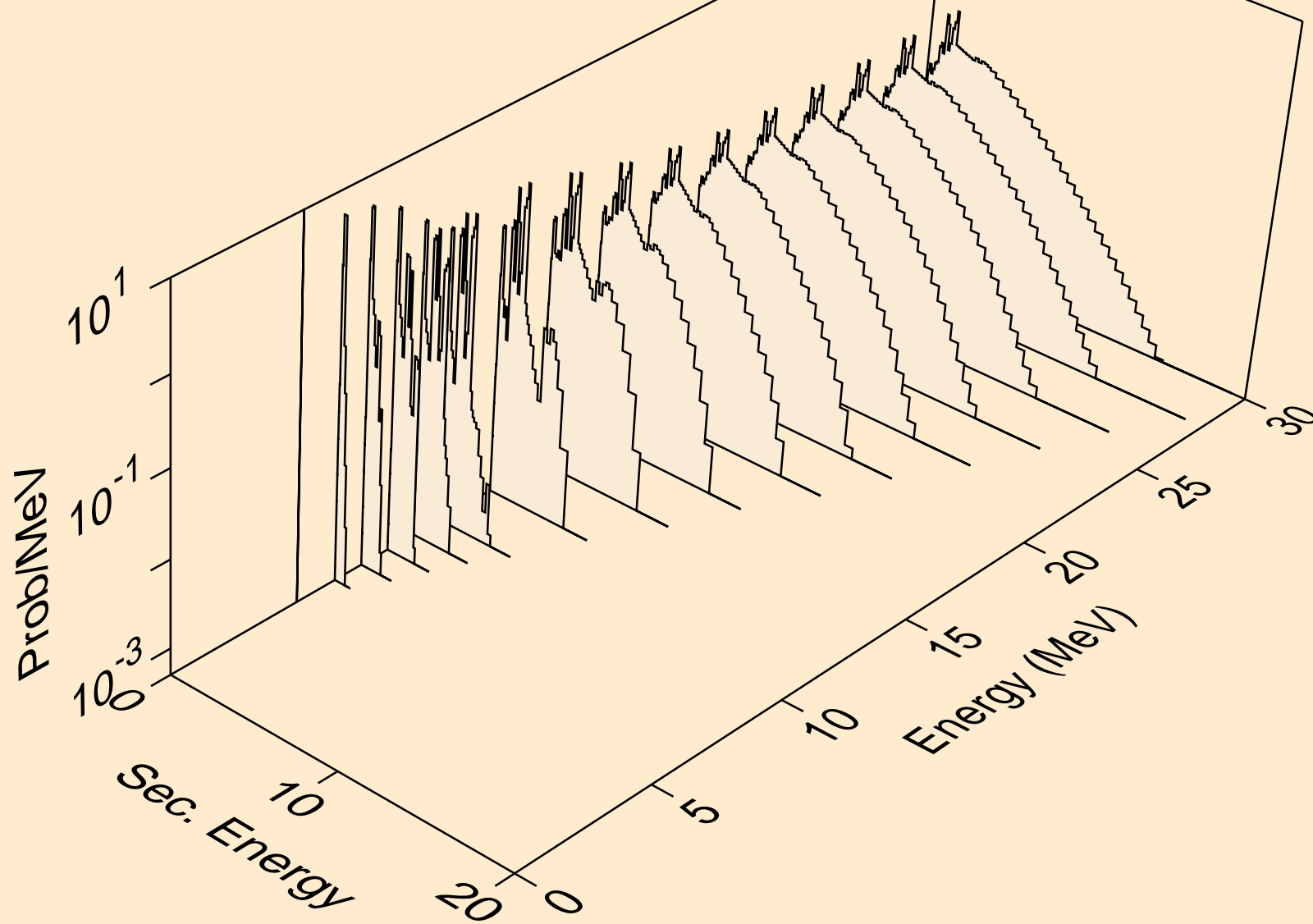
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,n*)d



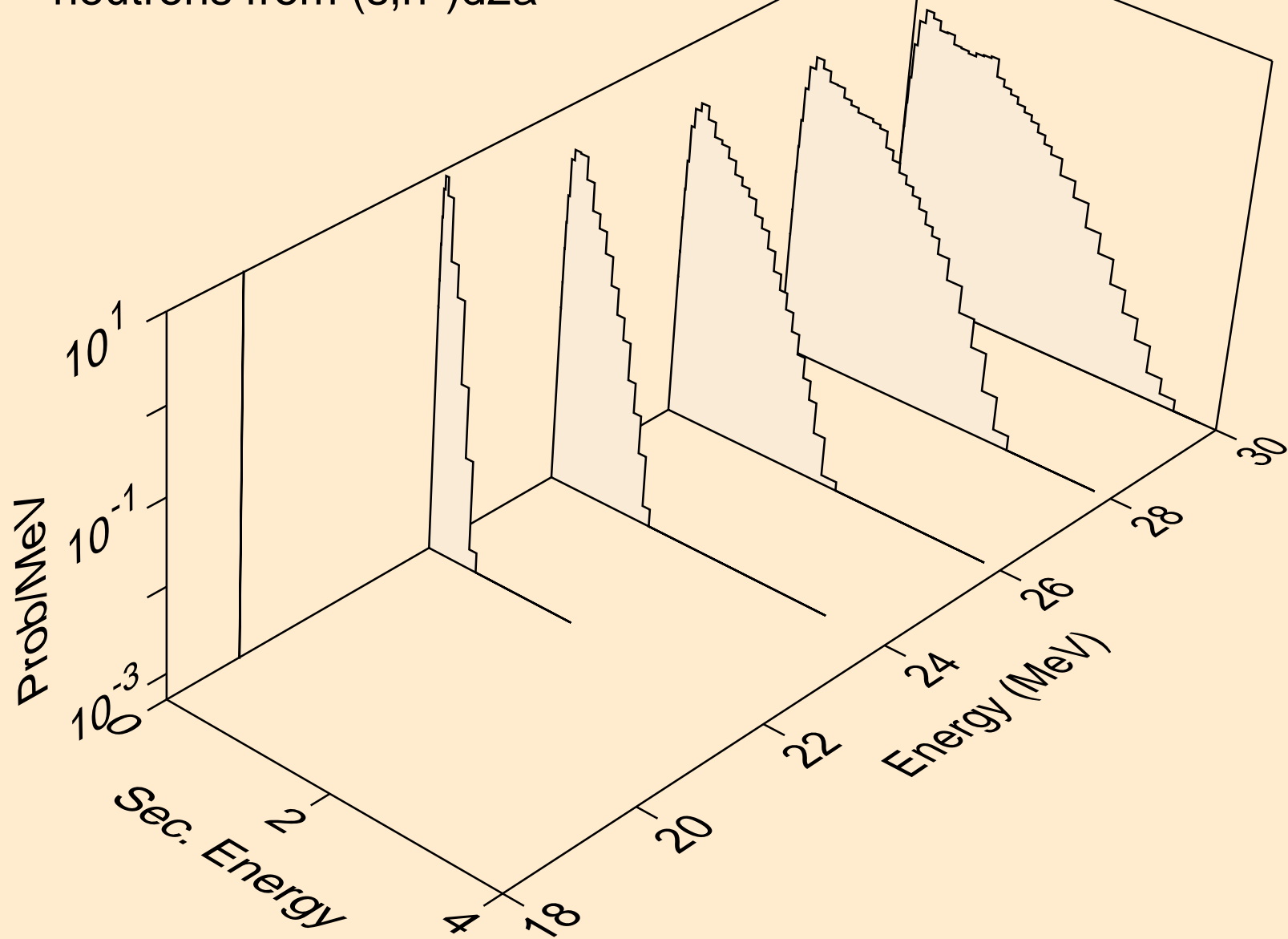
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,n*)t



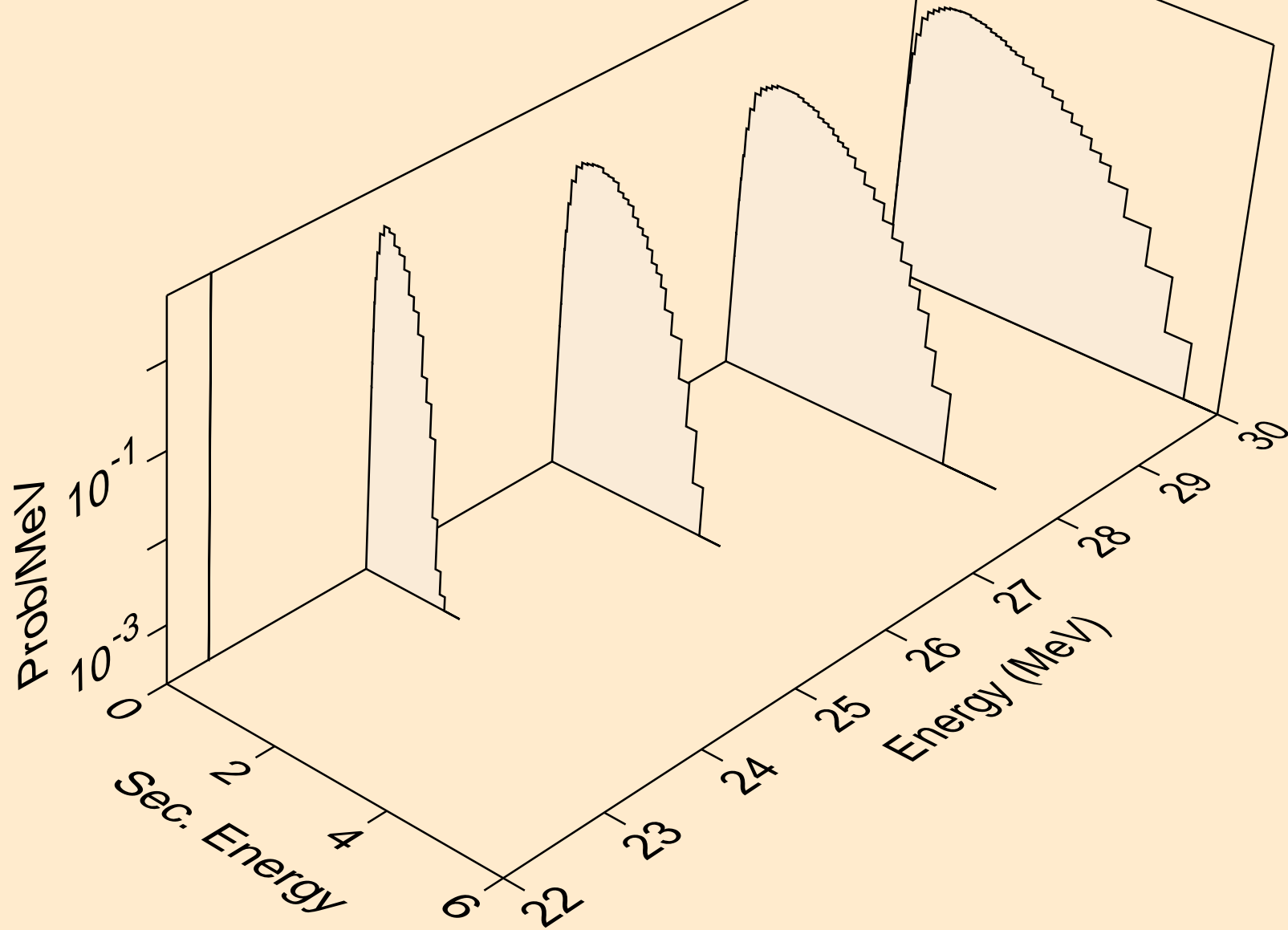
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,n*)he3



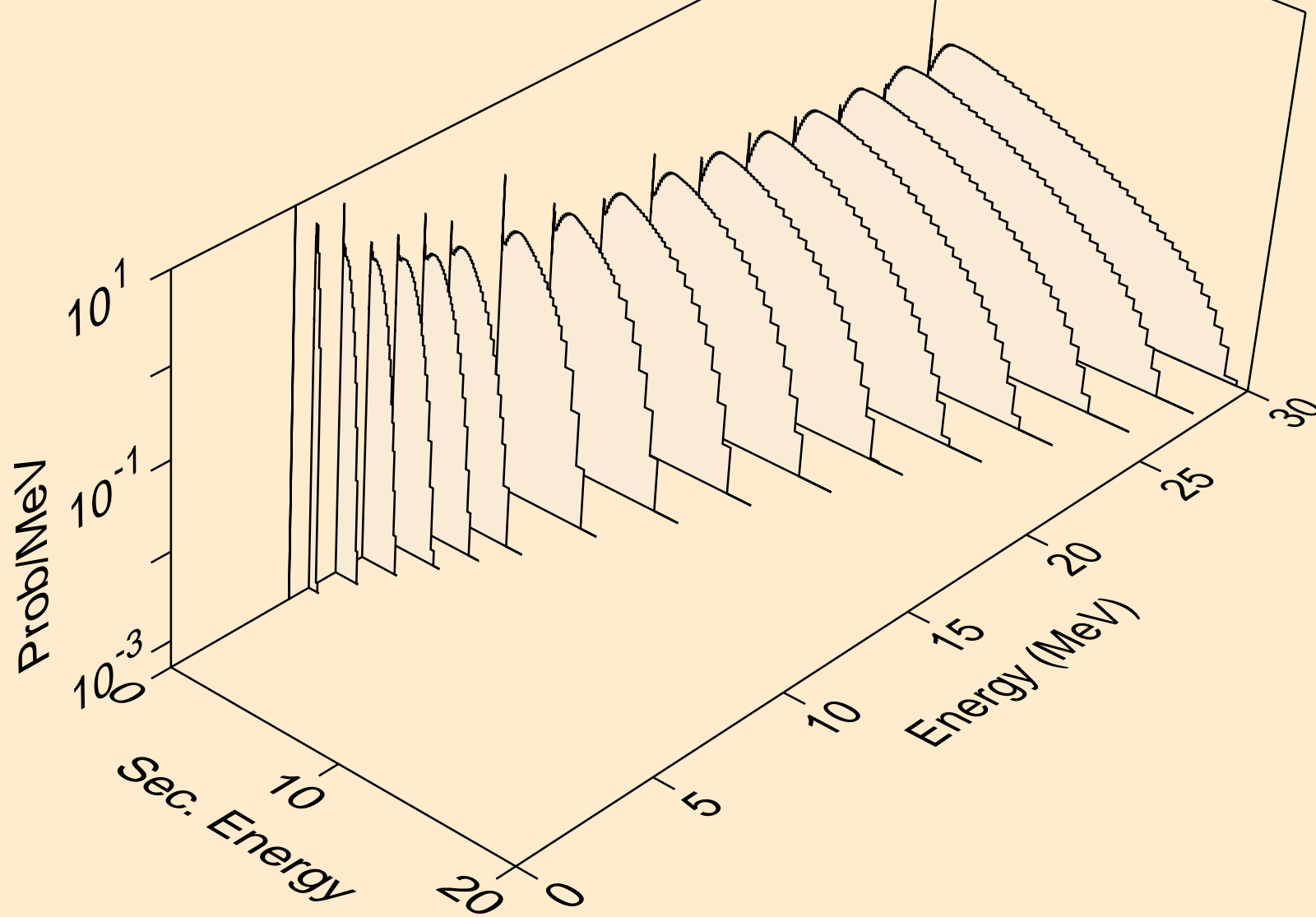
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,n*)d2a



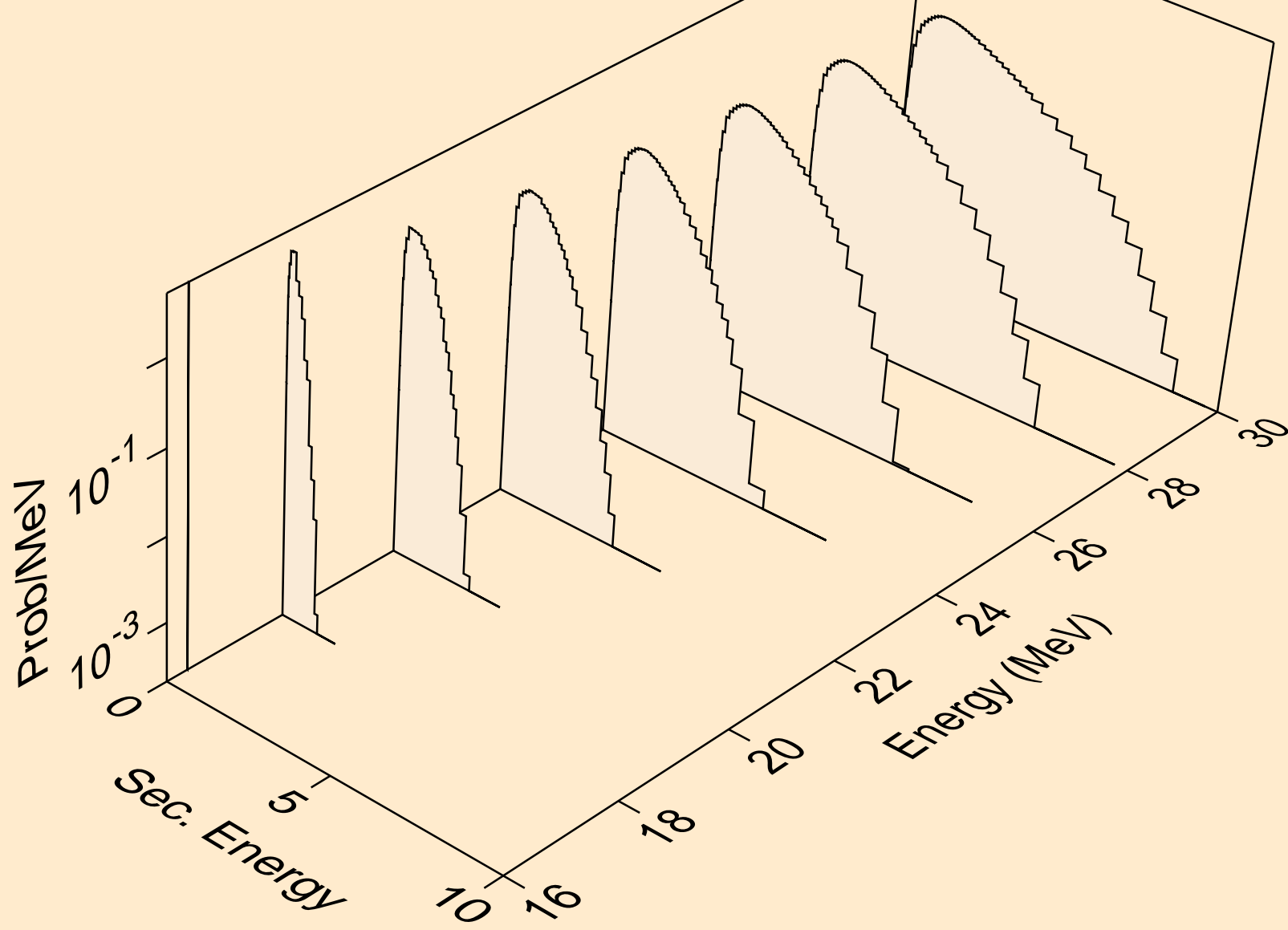
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,4n)



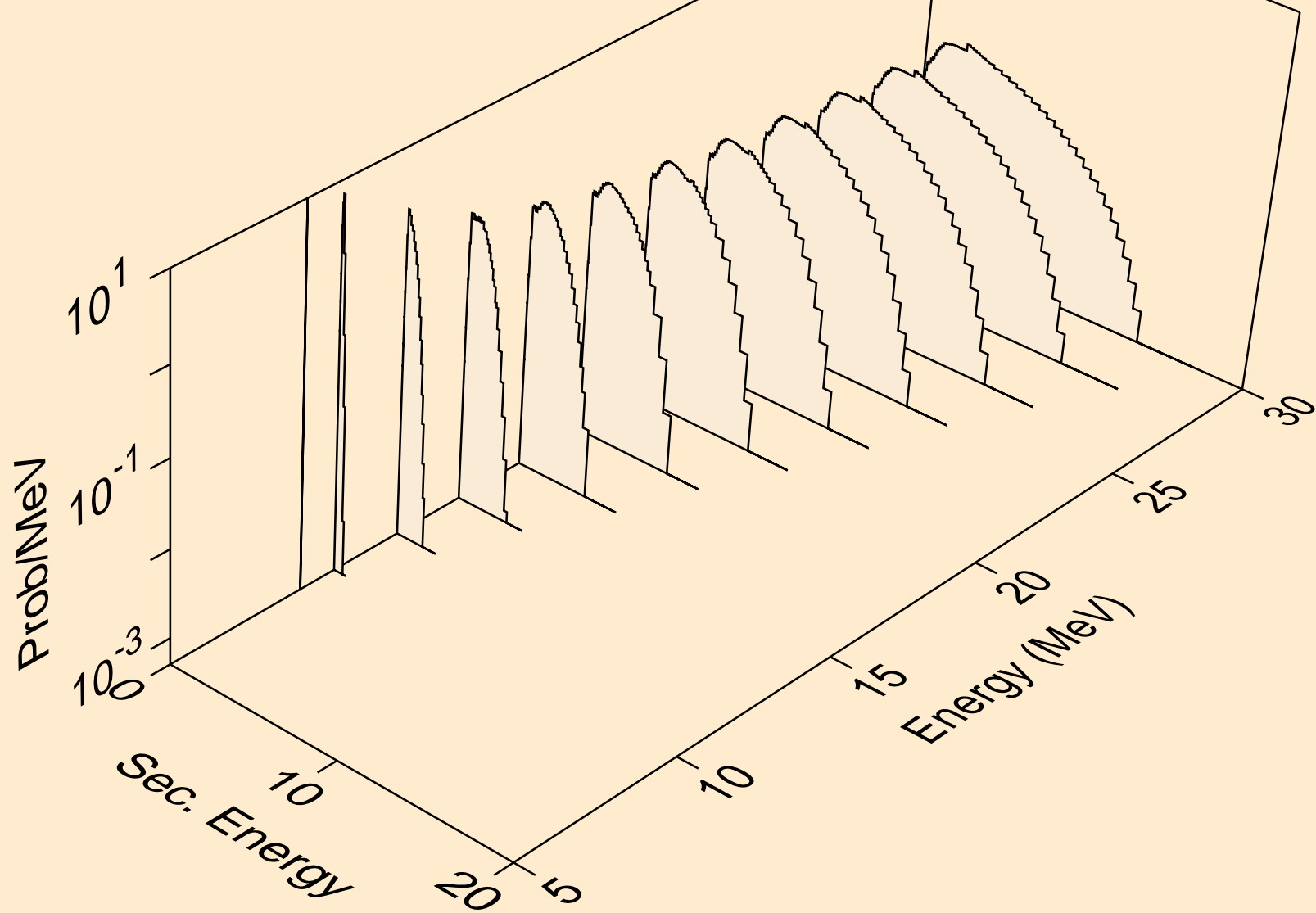
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,2np)



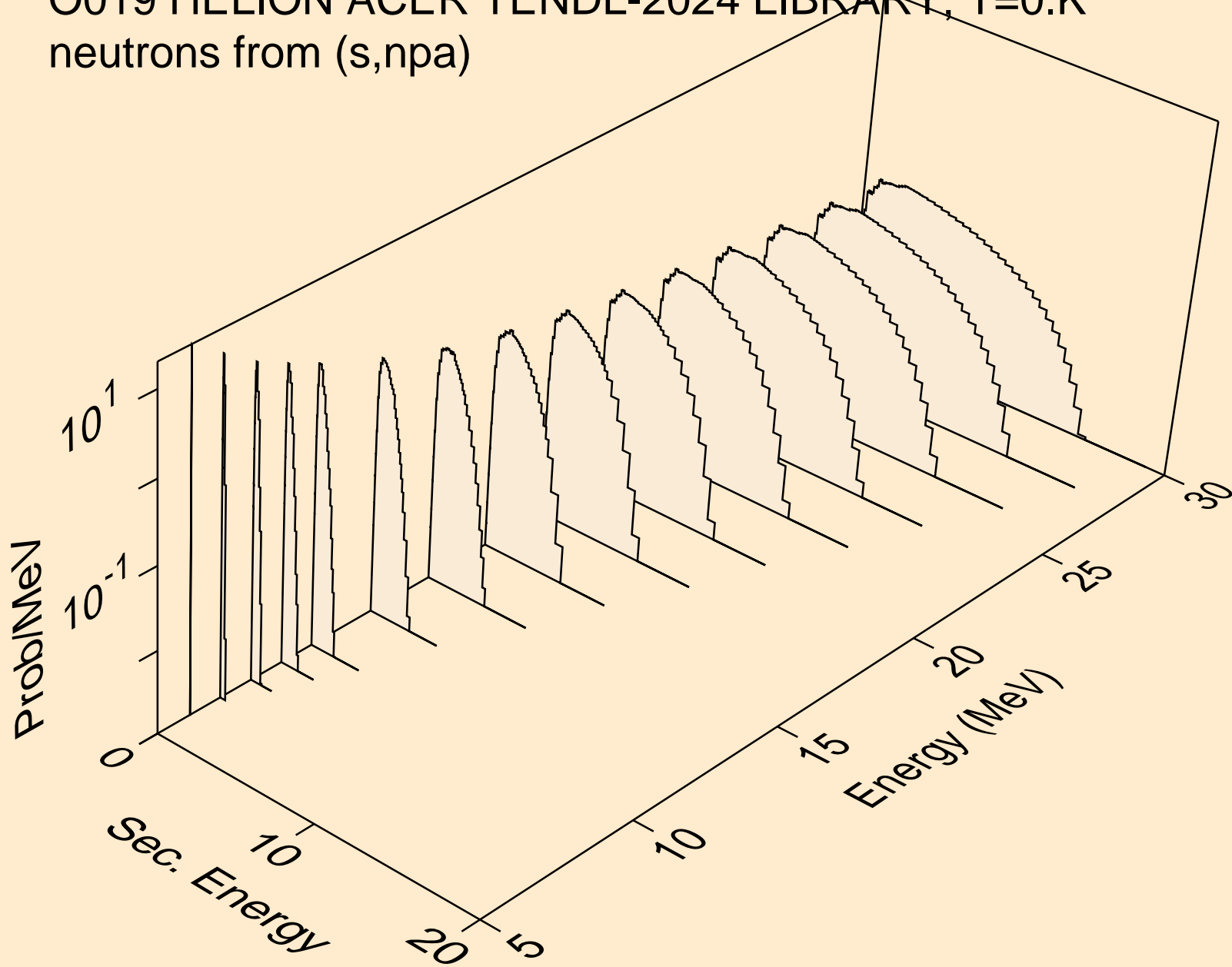
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,3np)



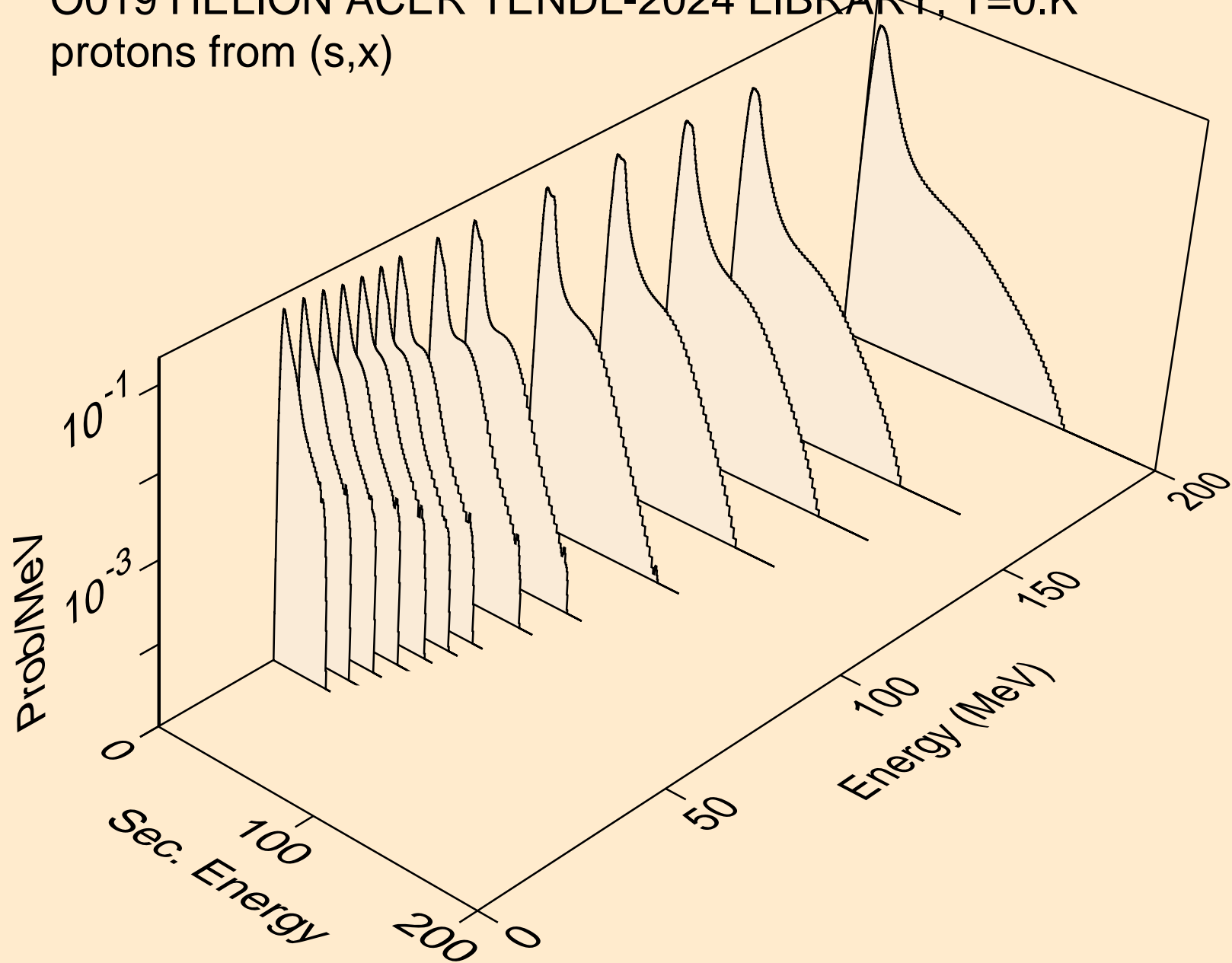
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,n2p)



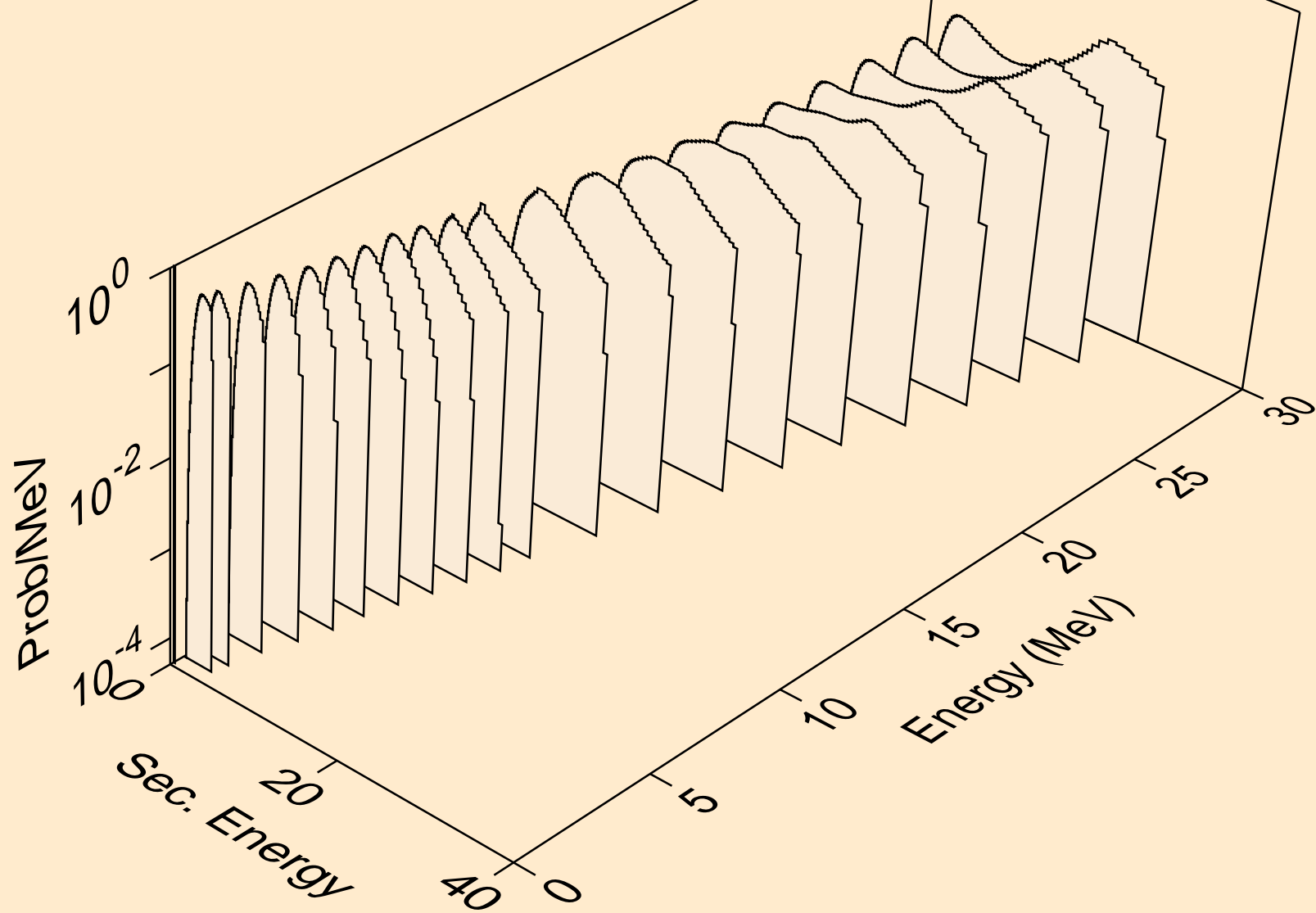
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (s,npa)



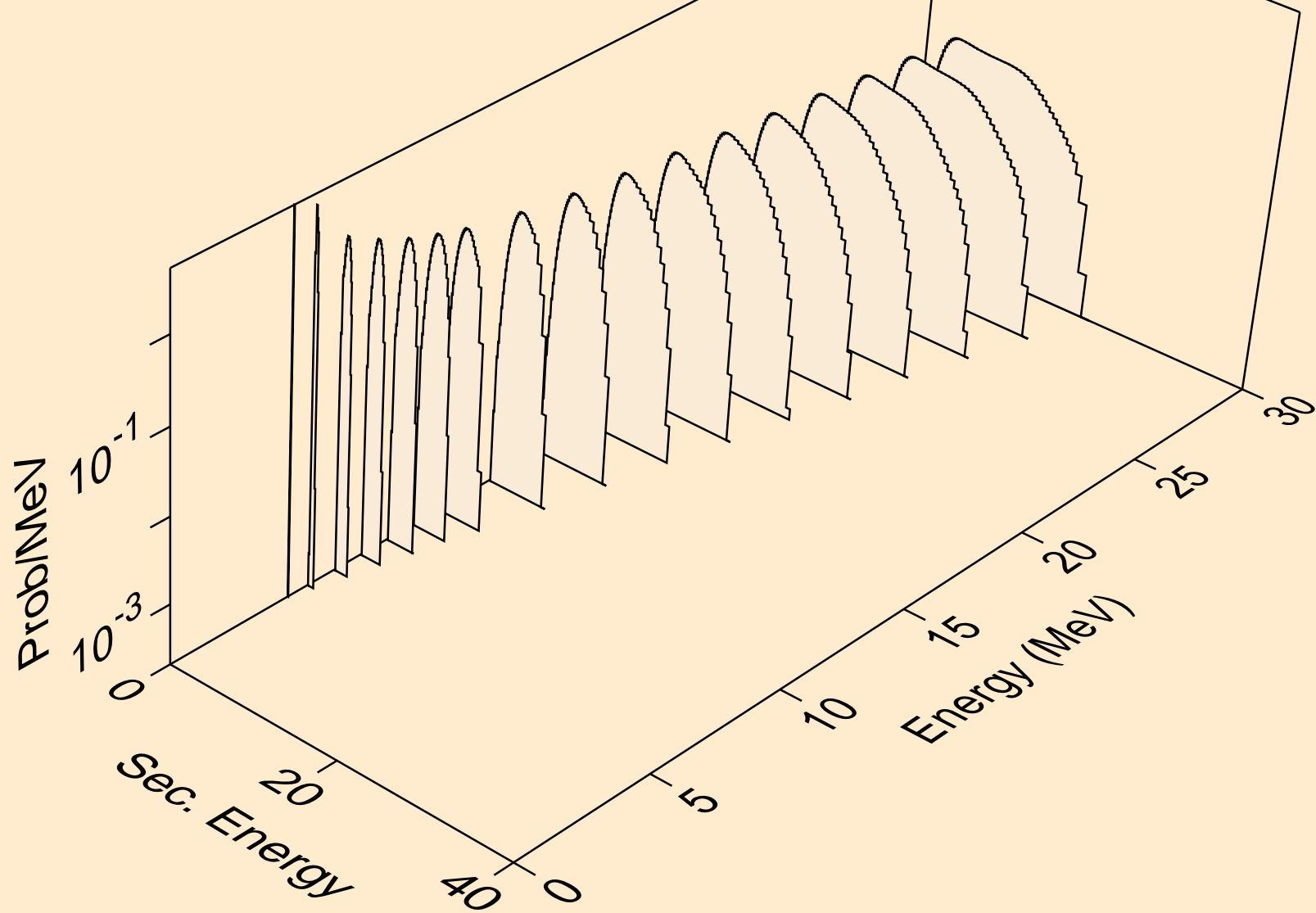
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
protons from (s,x)



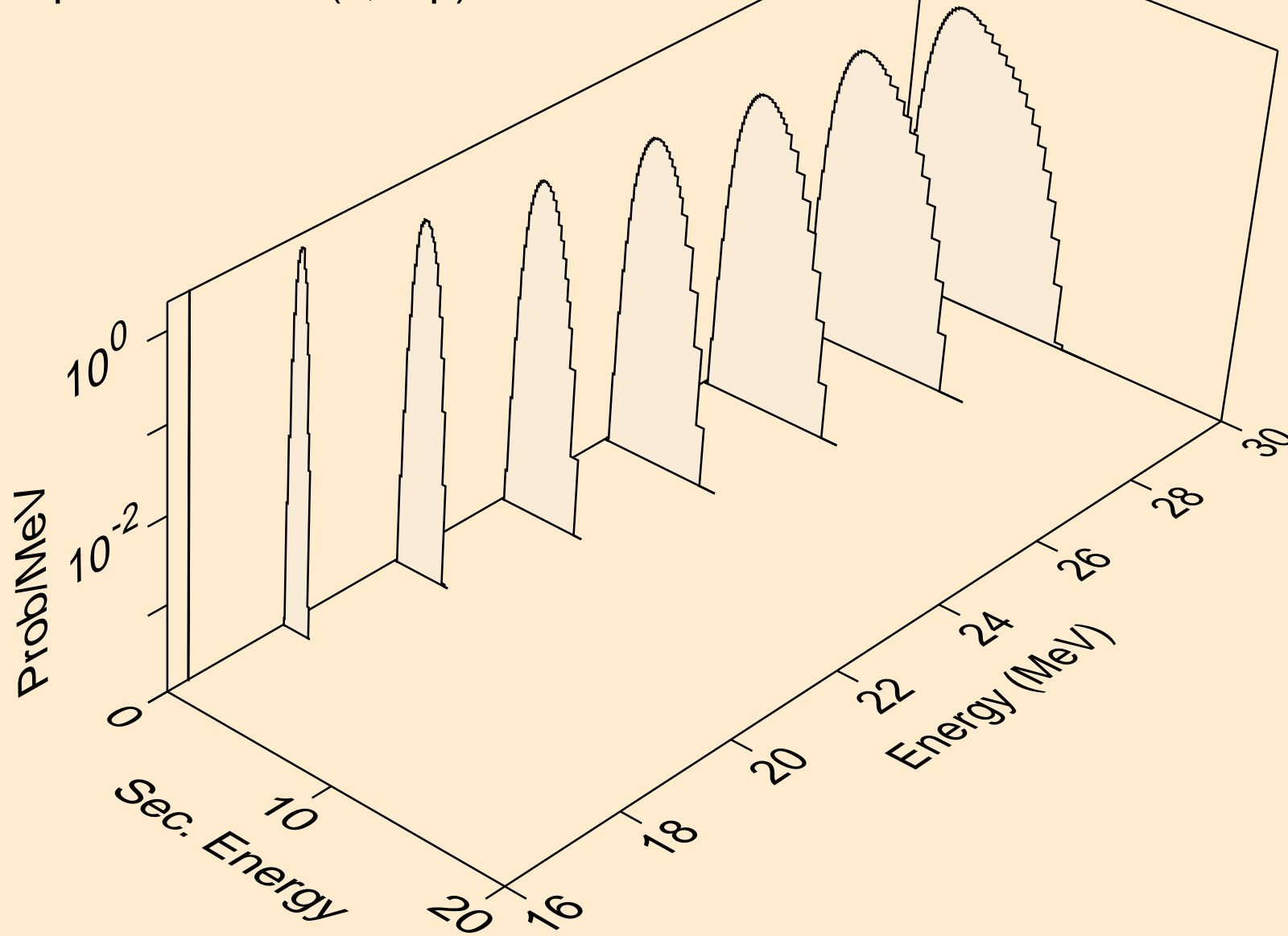
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
protons from (s,n*)p



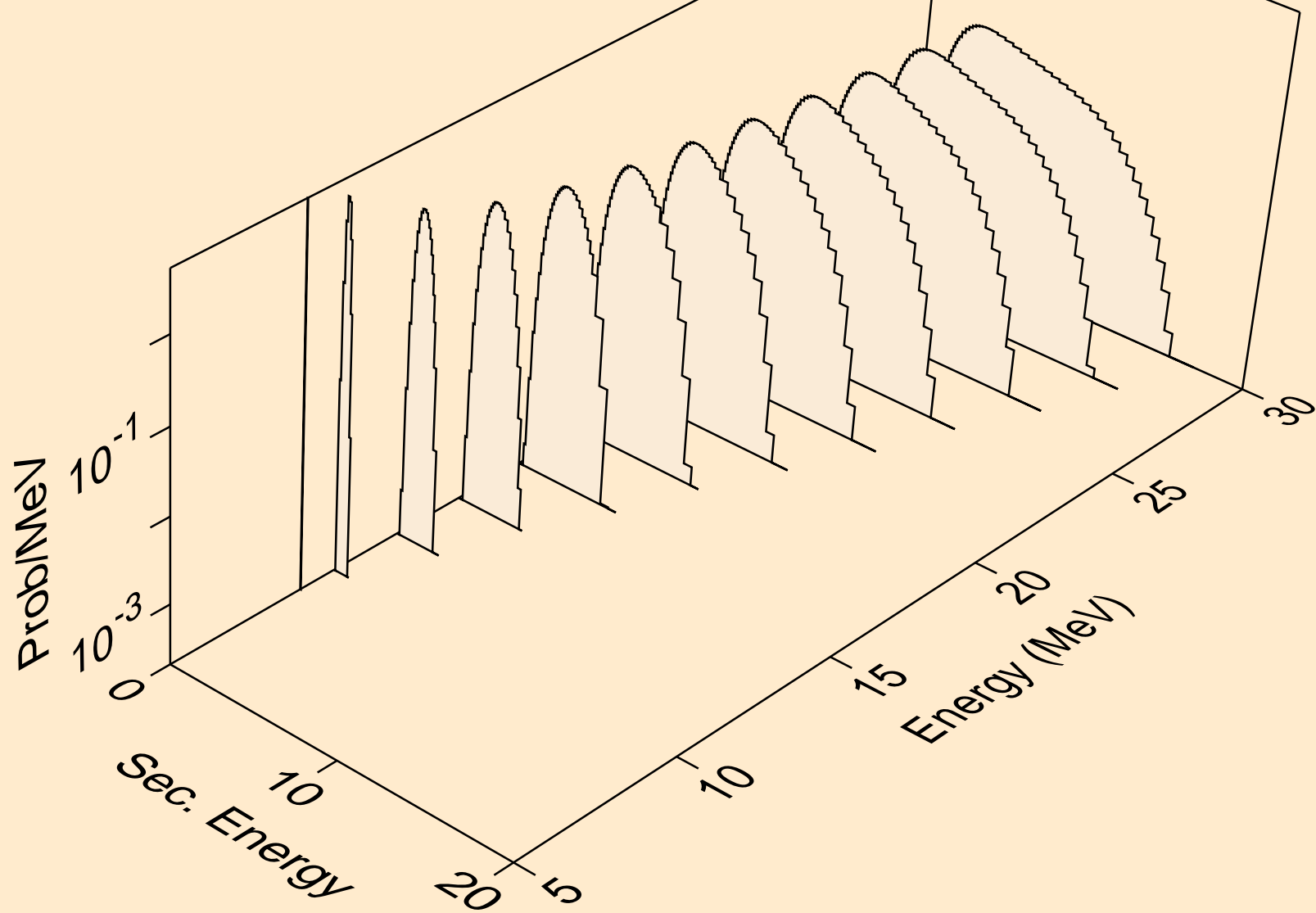
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
protons from (s,2np)



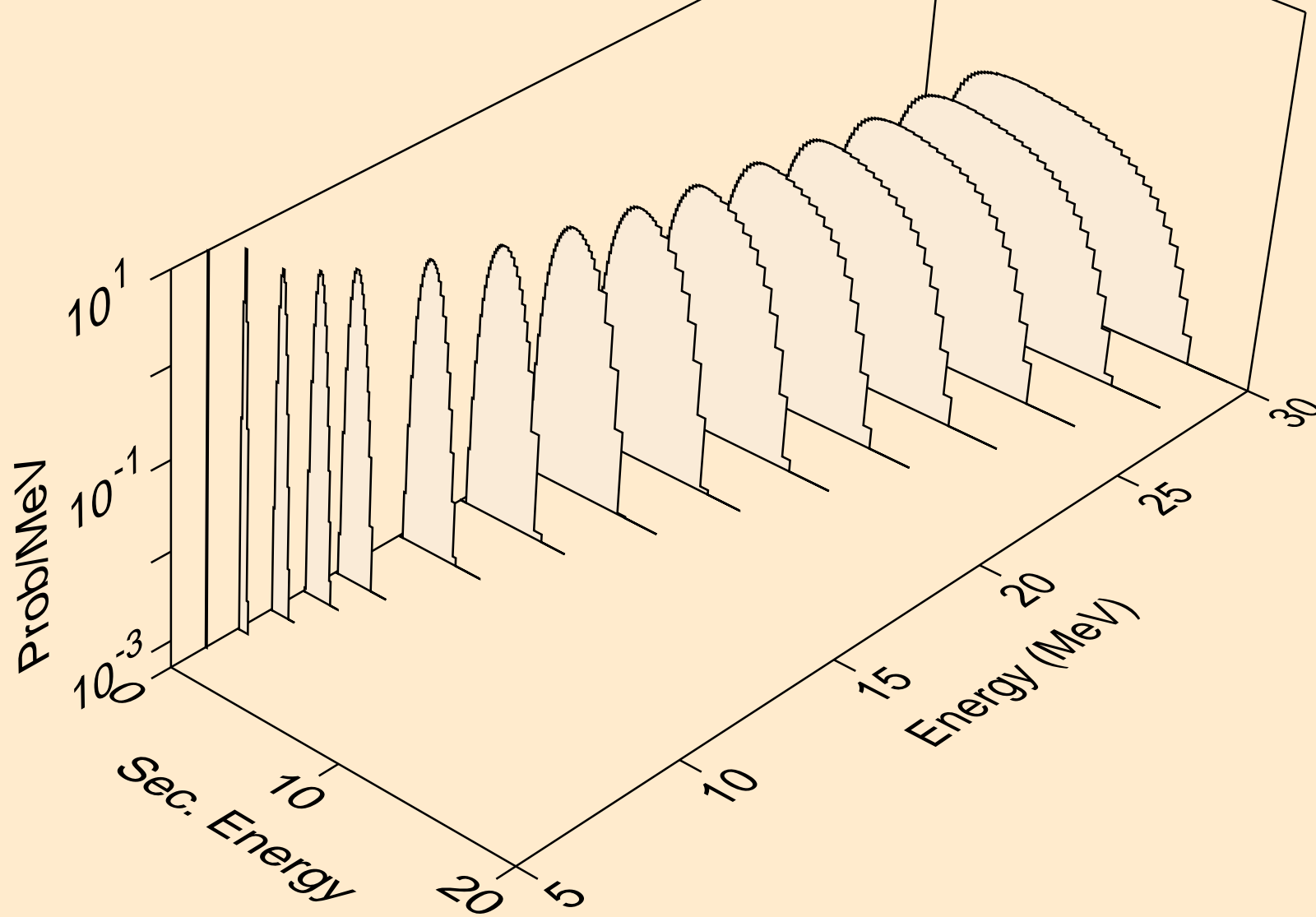
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
protons from (s,3np)



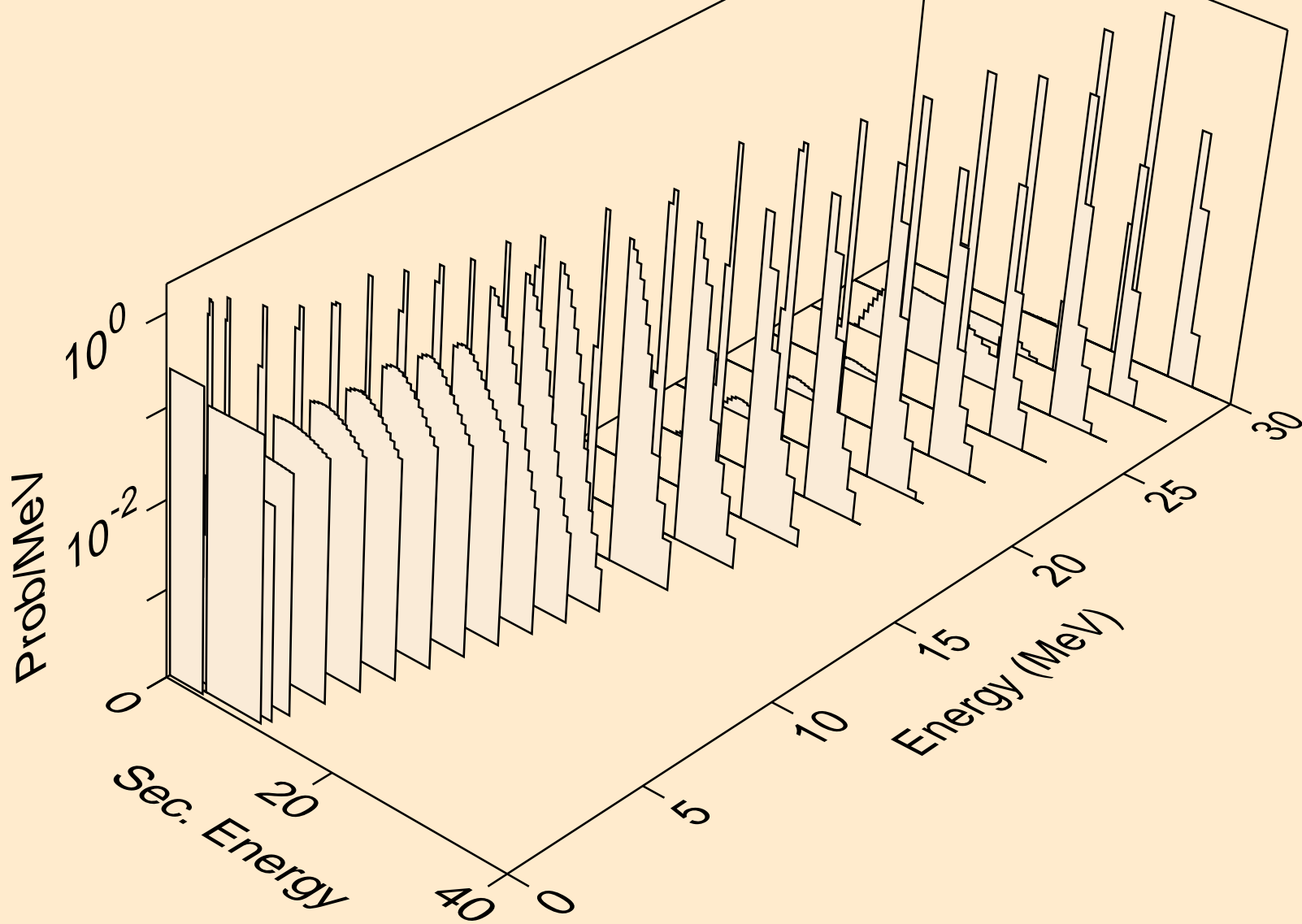
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
protons from (s,n2p)



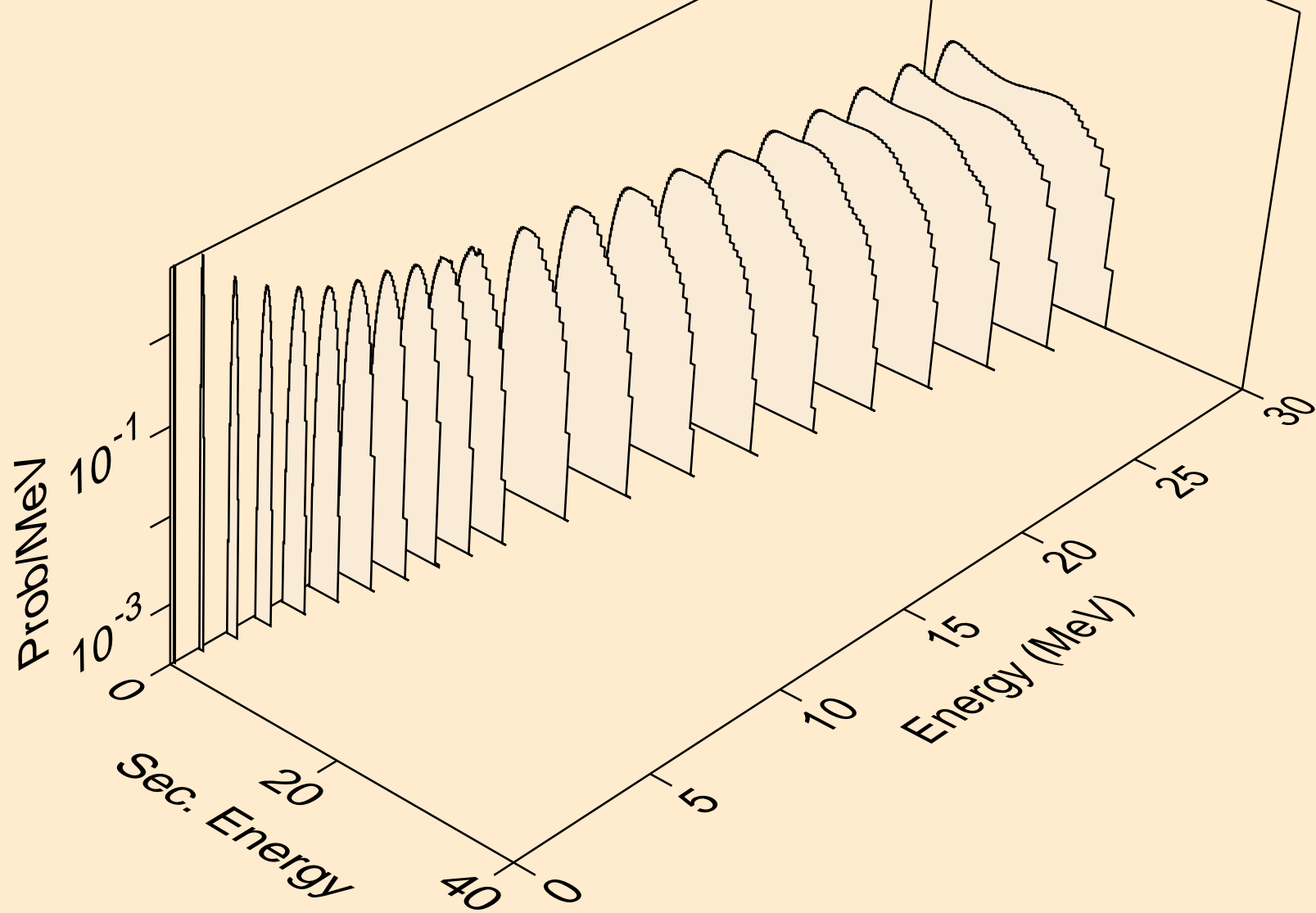
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
protons from (s,npa)



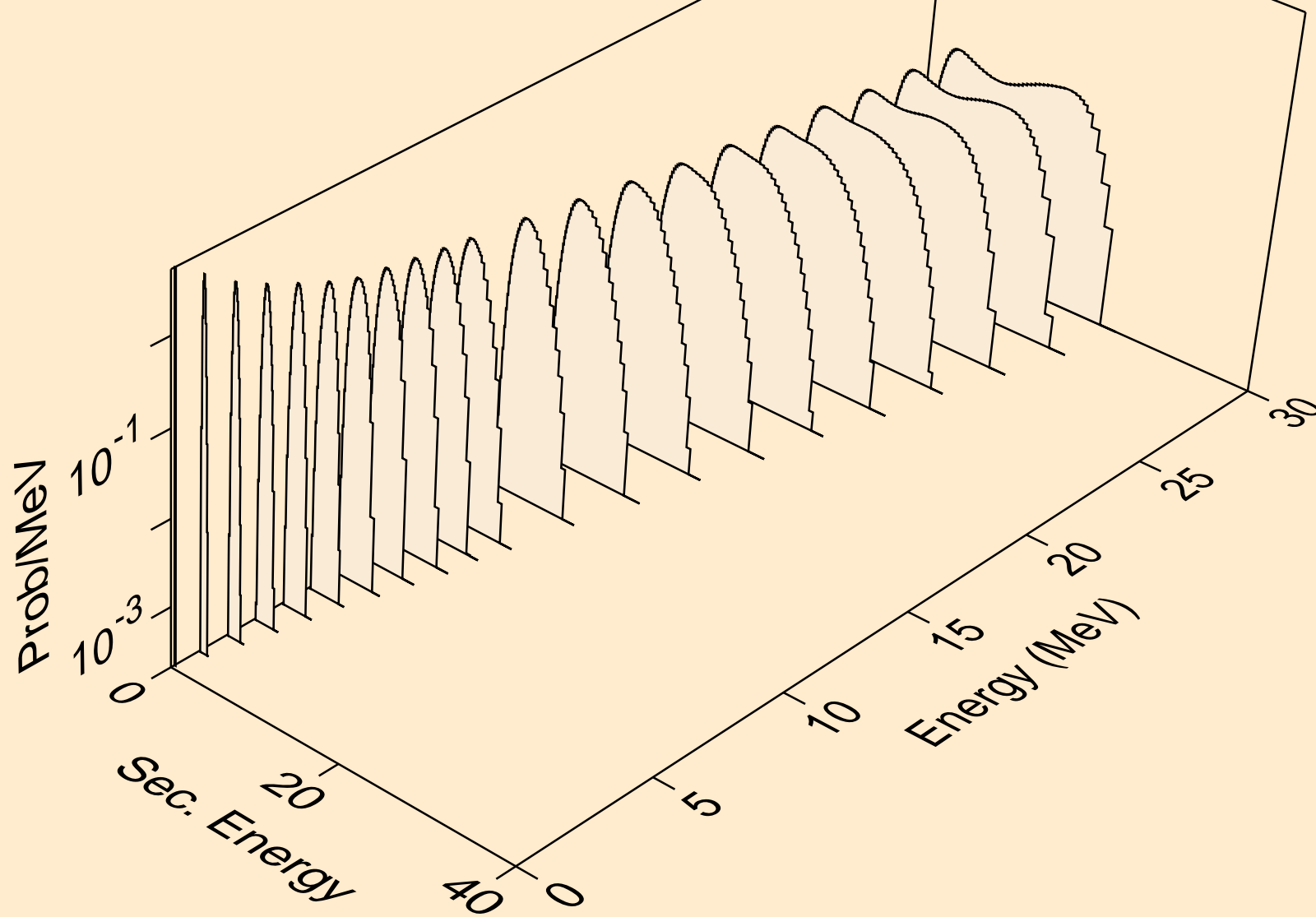
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
protons from (s,p)



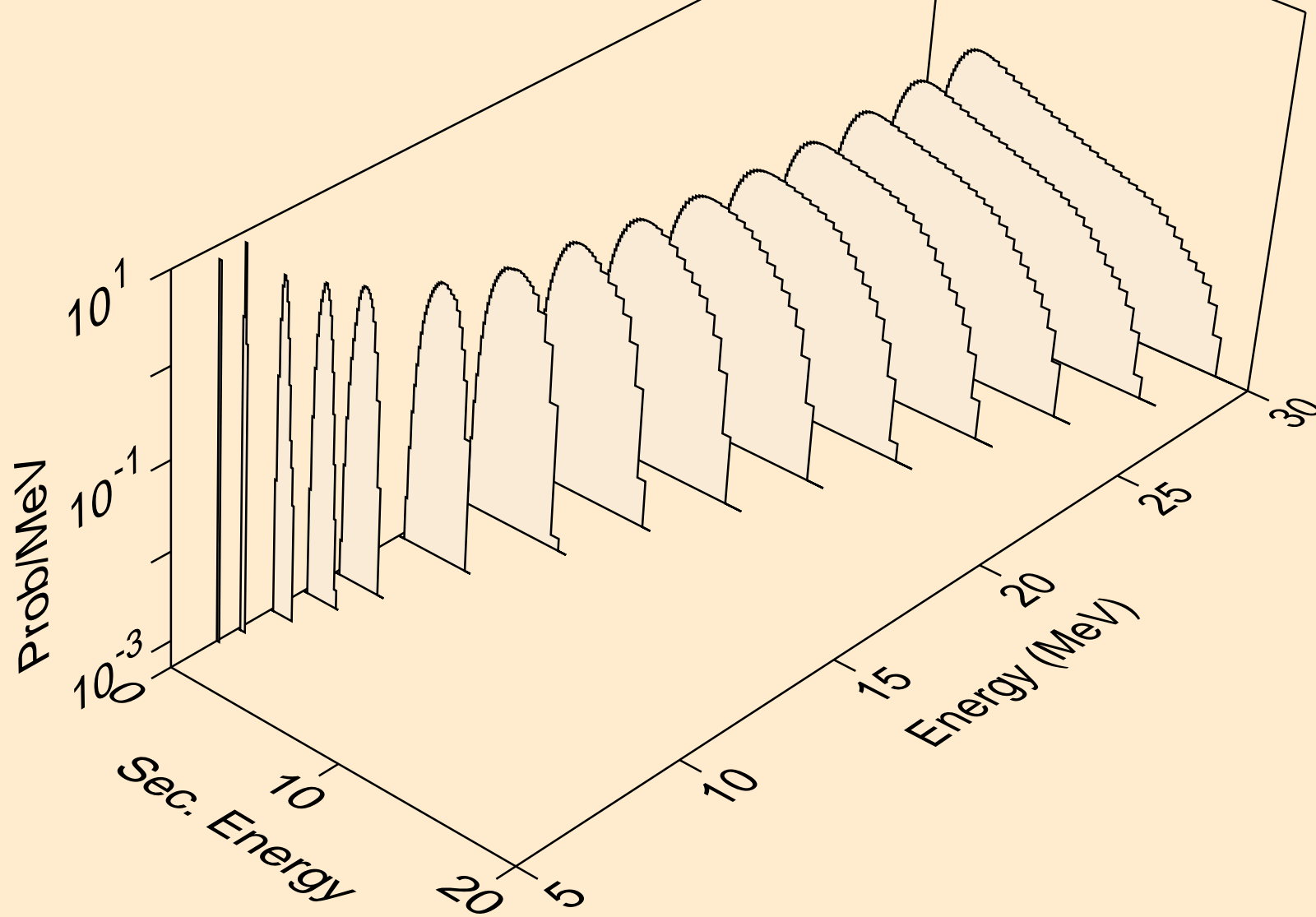
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
protons from (s,2p)



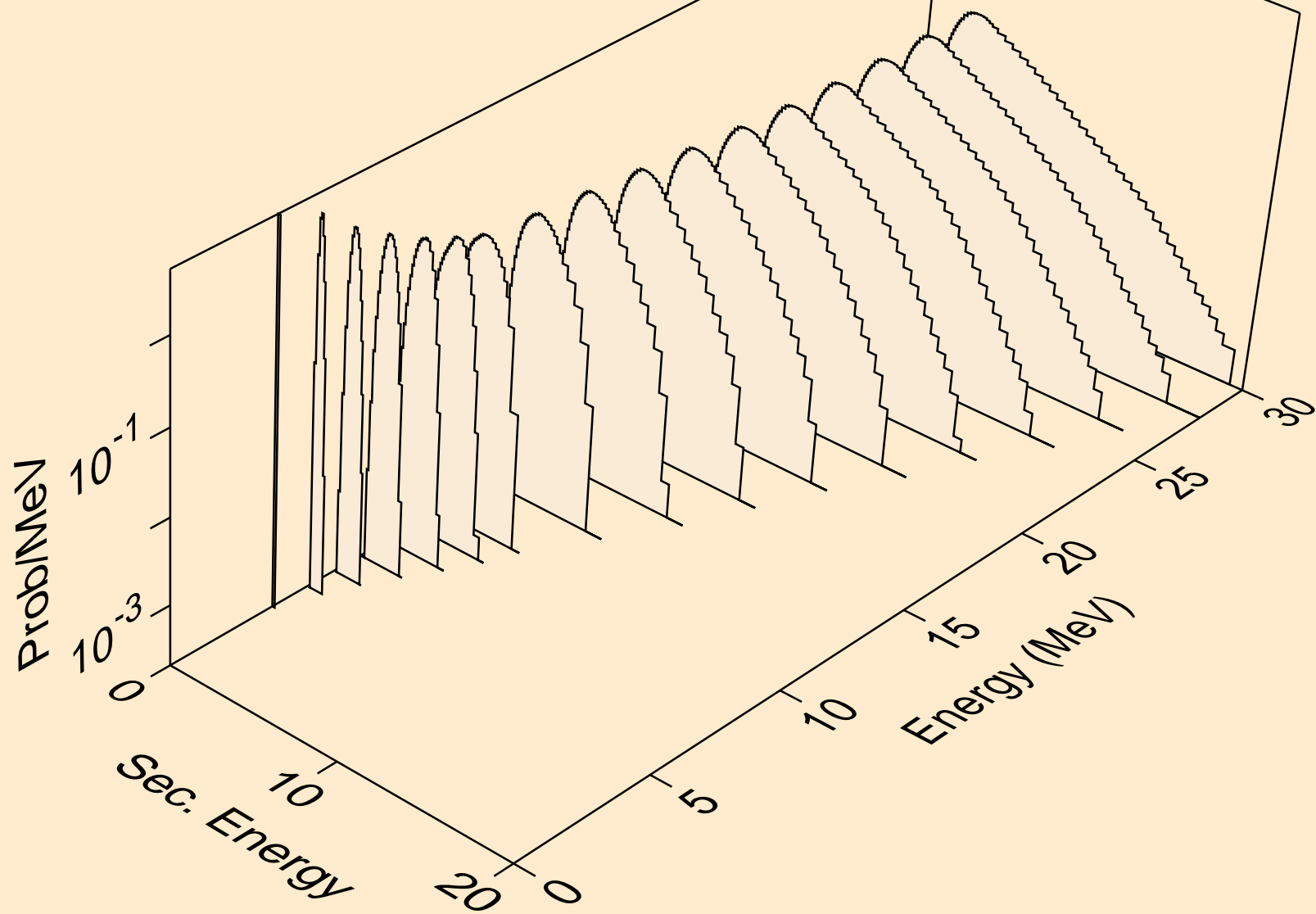
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
protons from (s,pa)



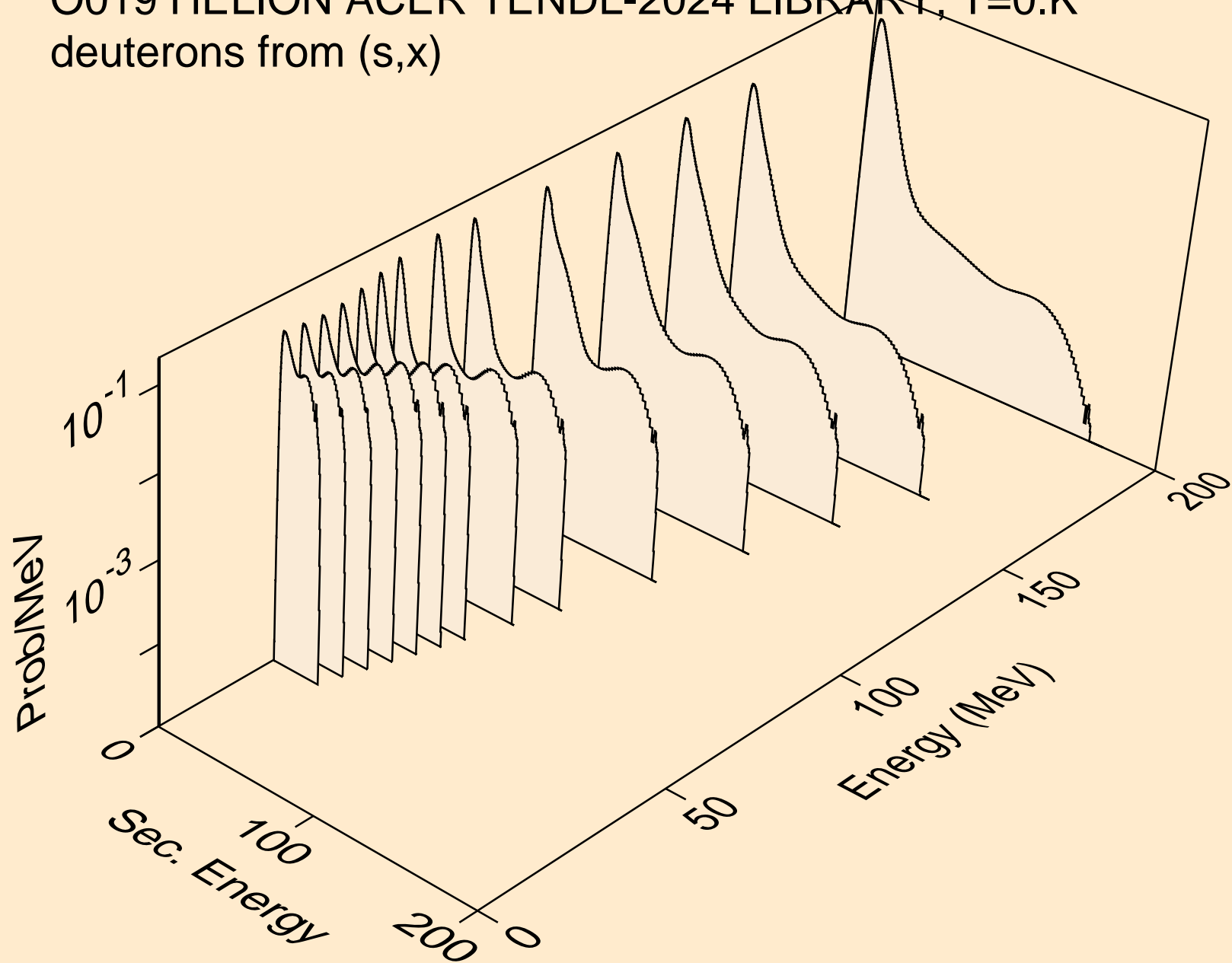
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
protons from (s,pd)



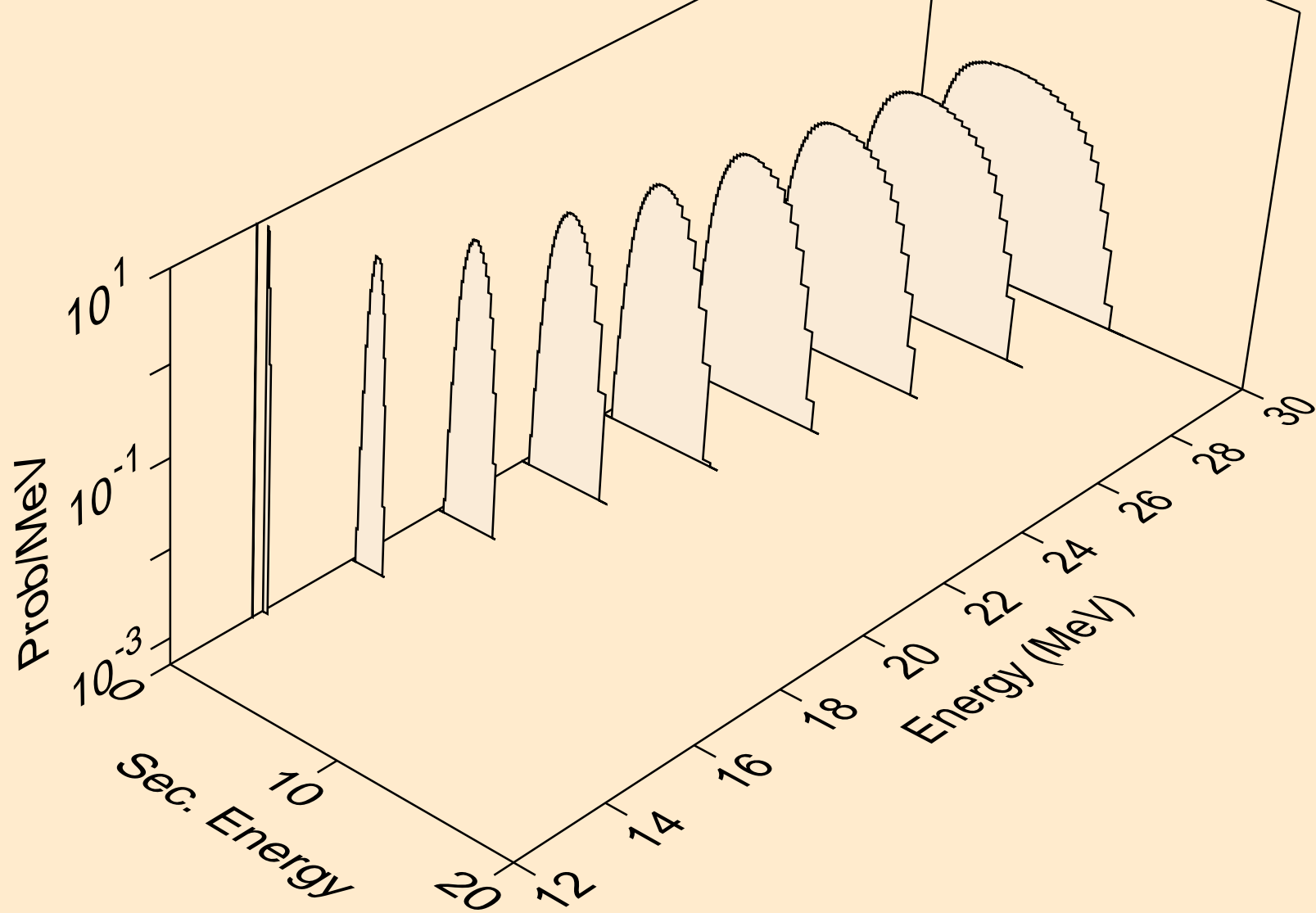
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
protons from (s,pt)



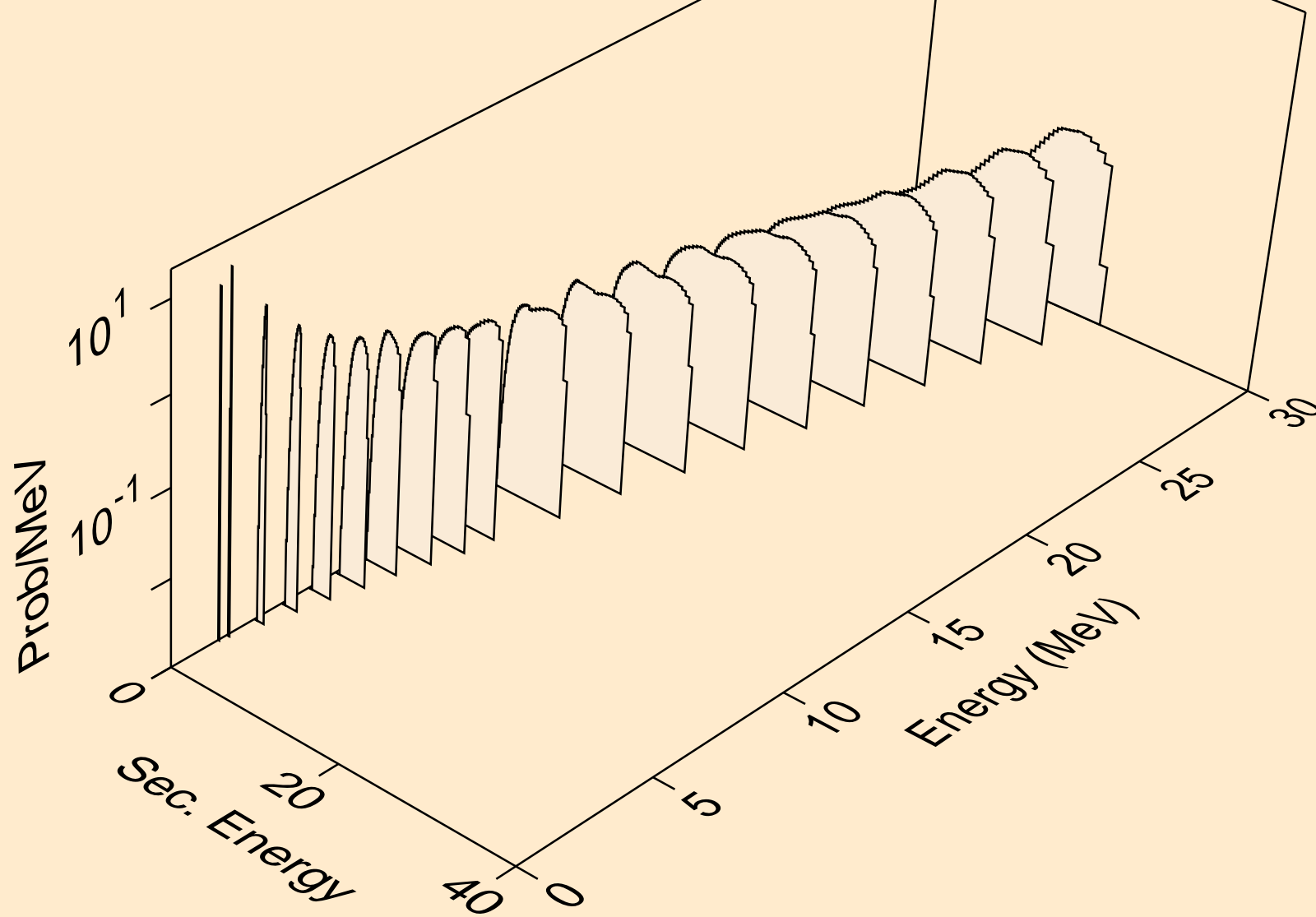
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (s,x)



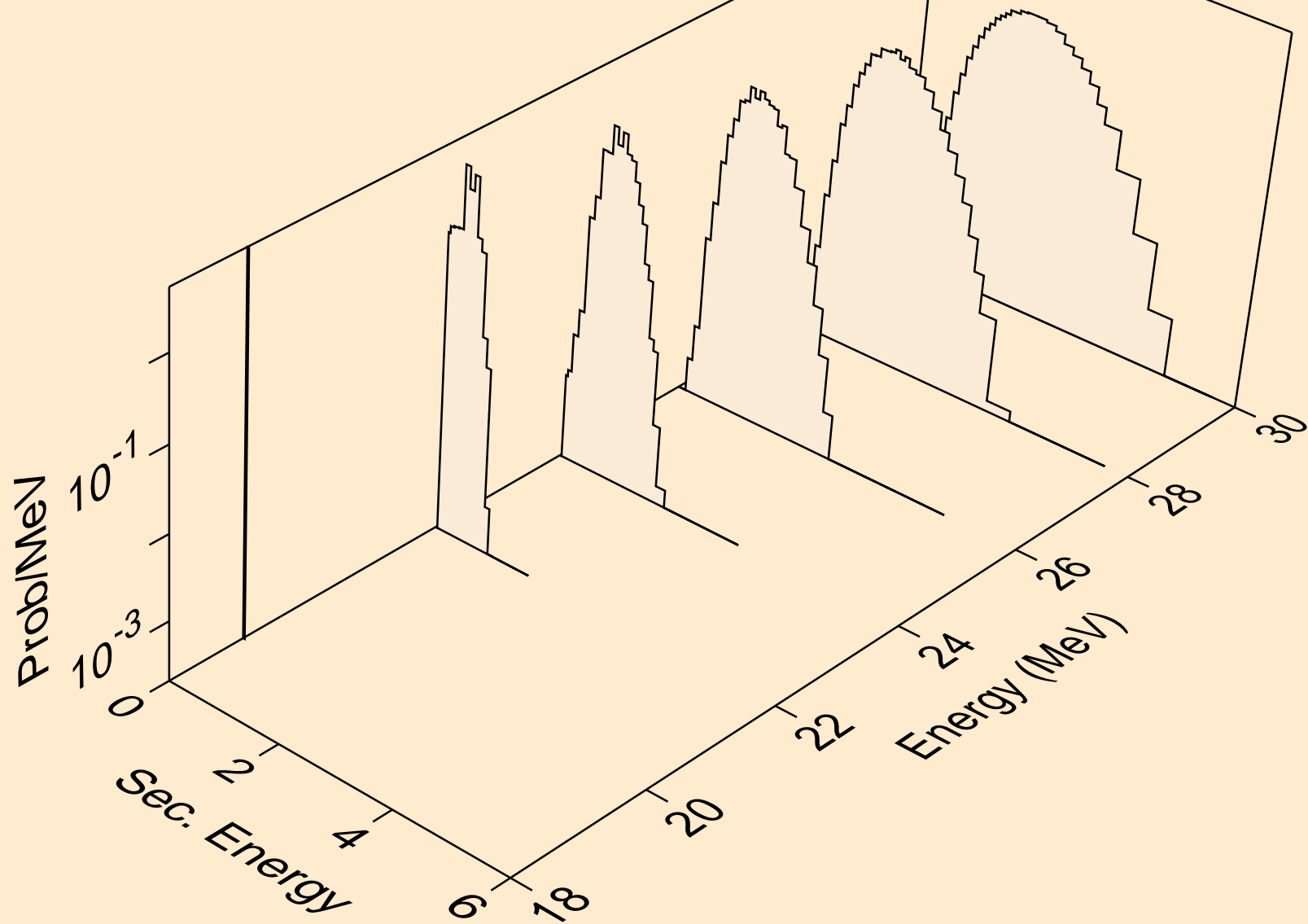
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (s,2nd)



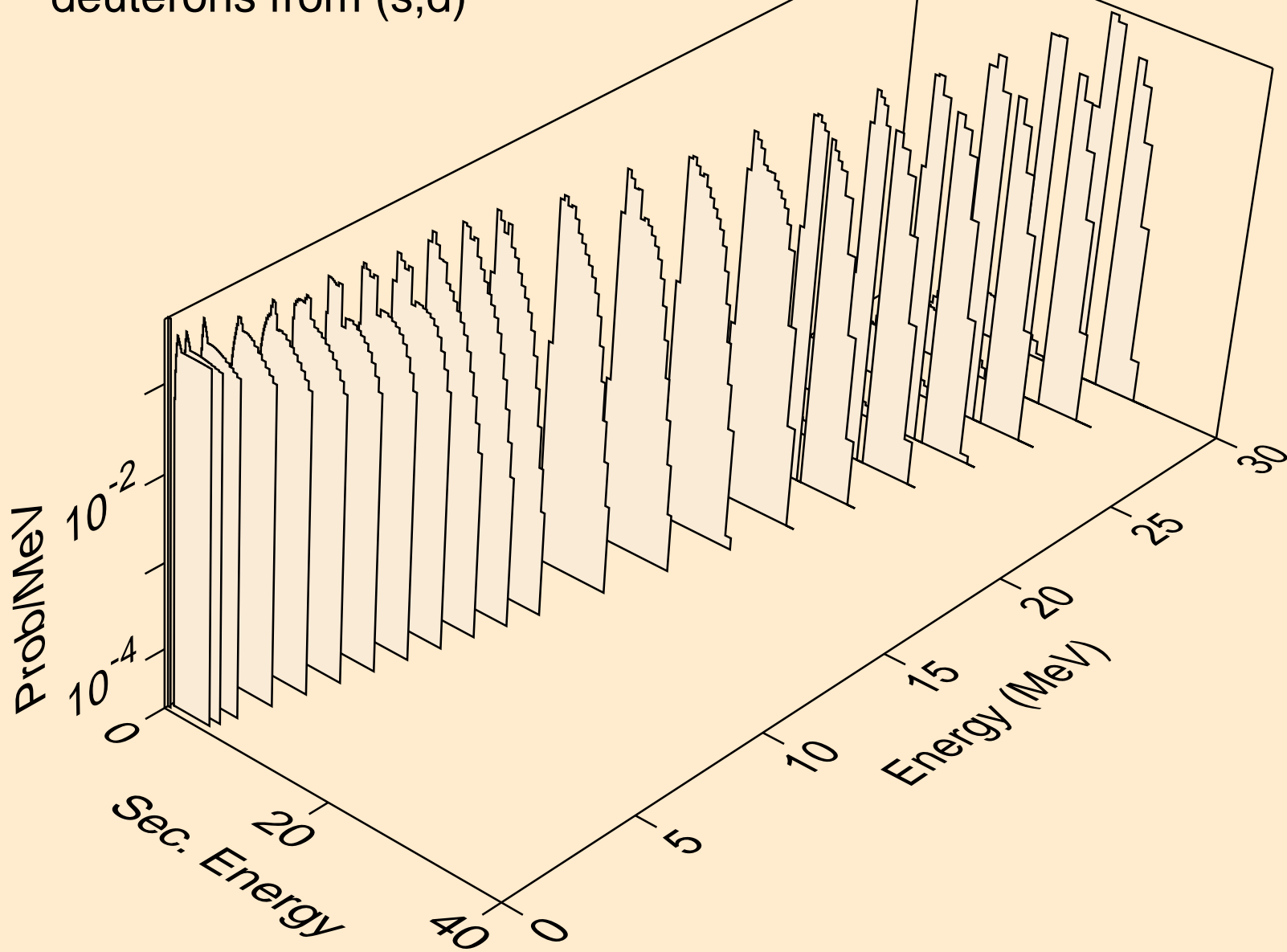
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (s,n*)d



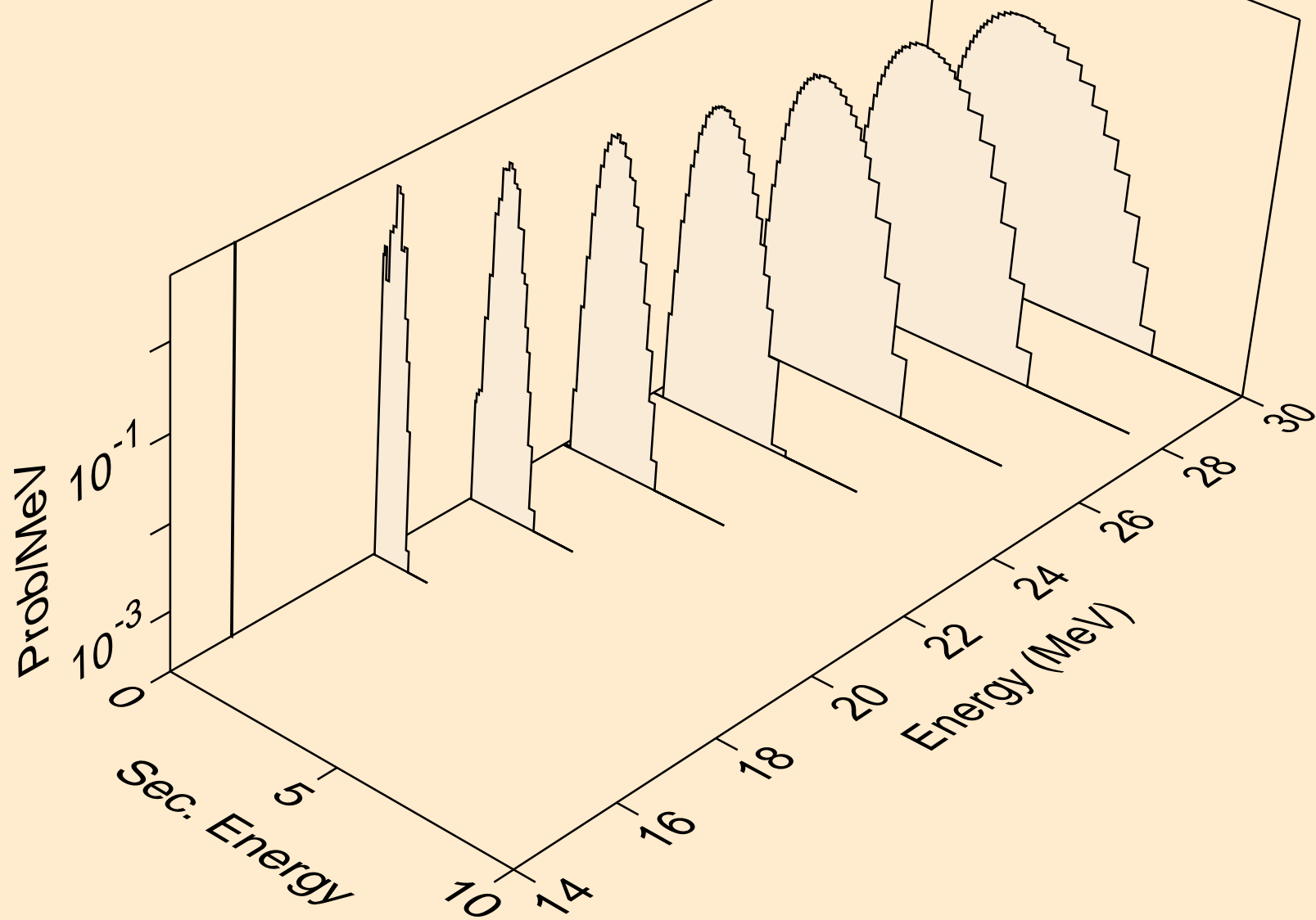
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (s,n*)d2a



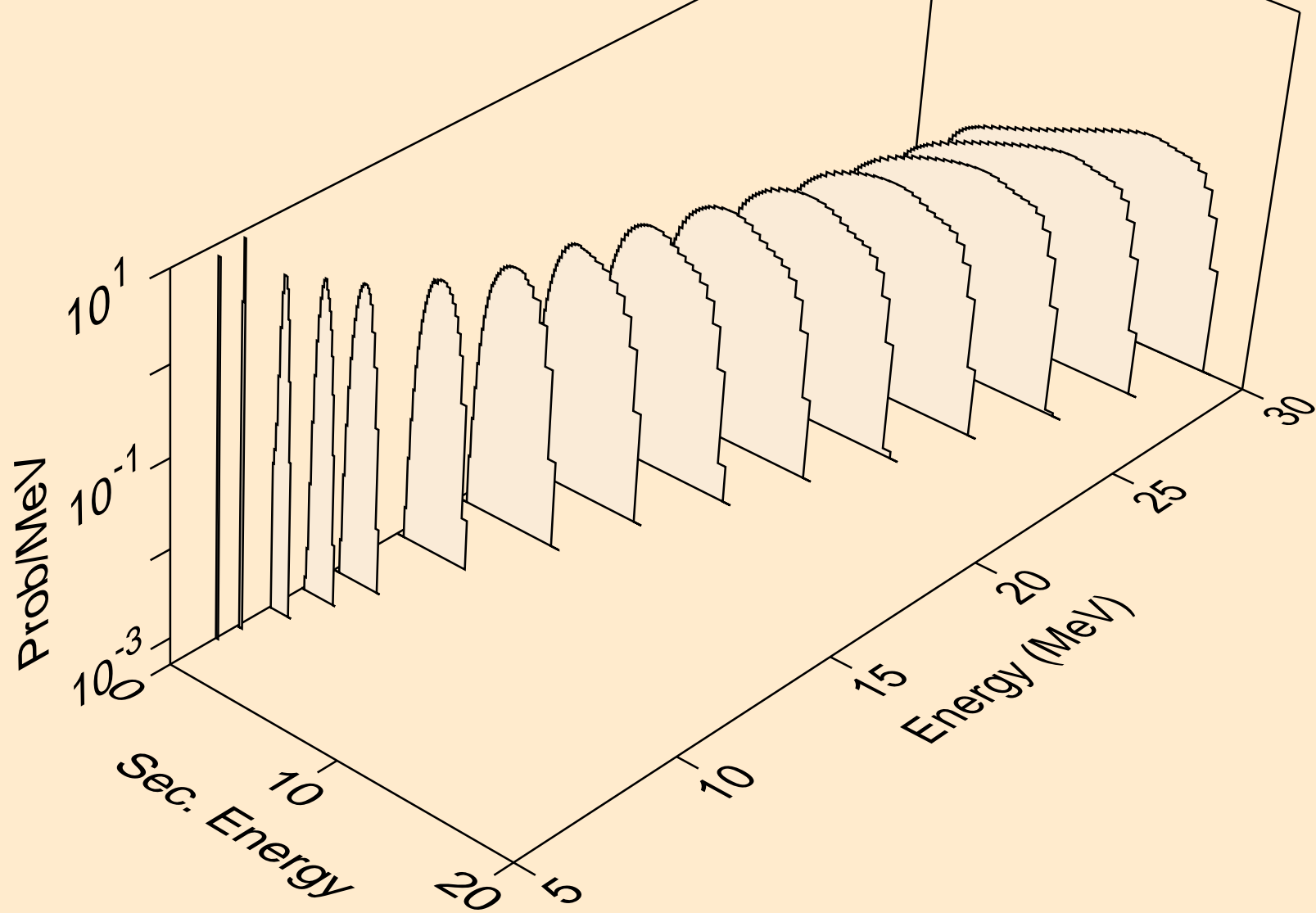
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (s,d)



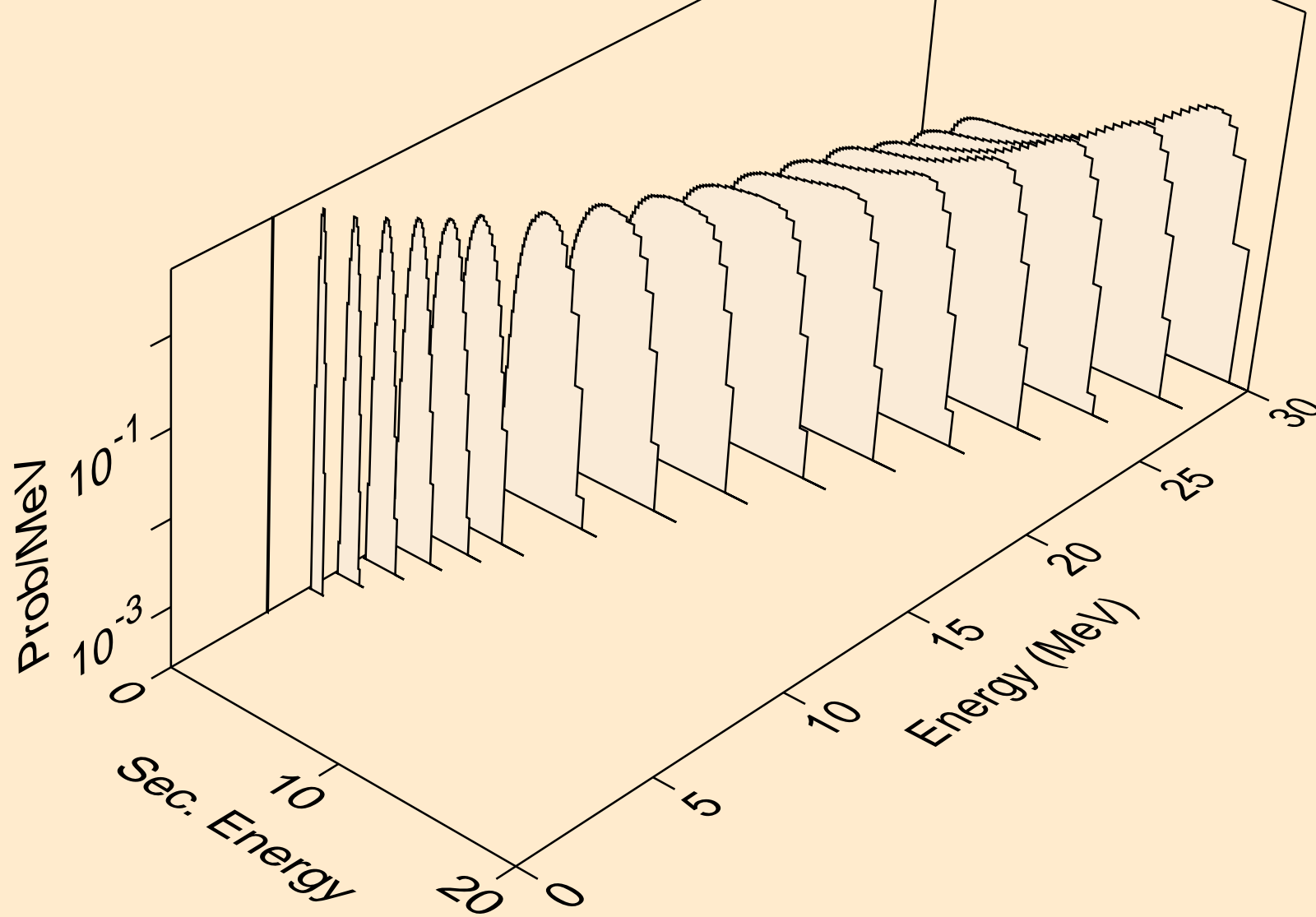
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (s,d2a)



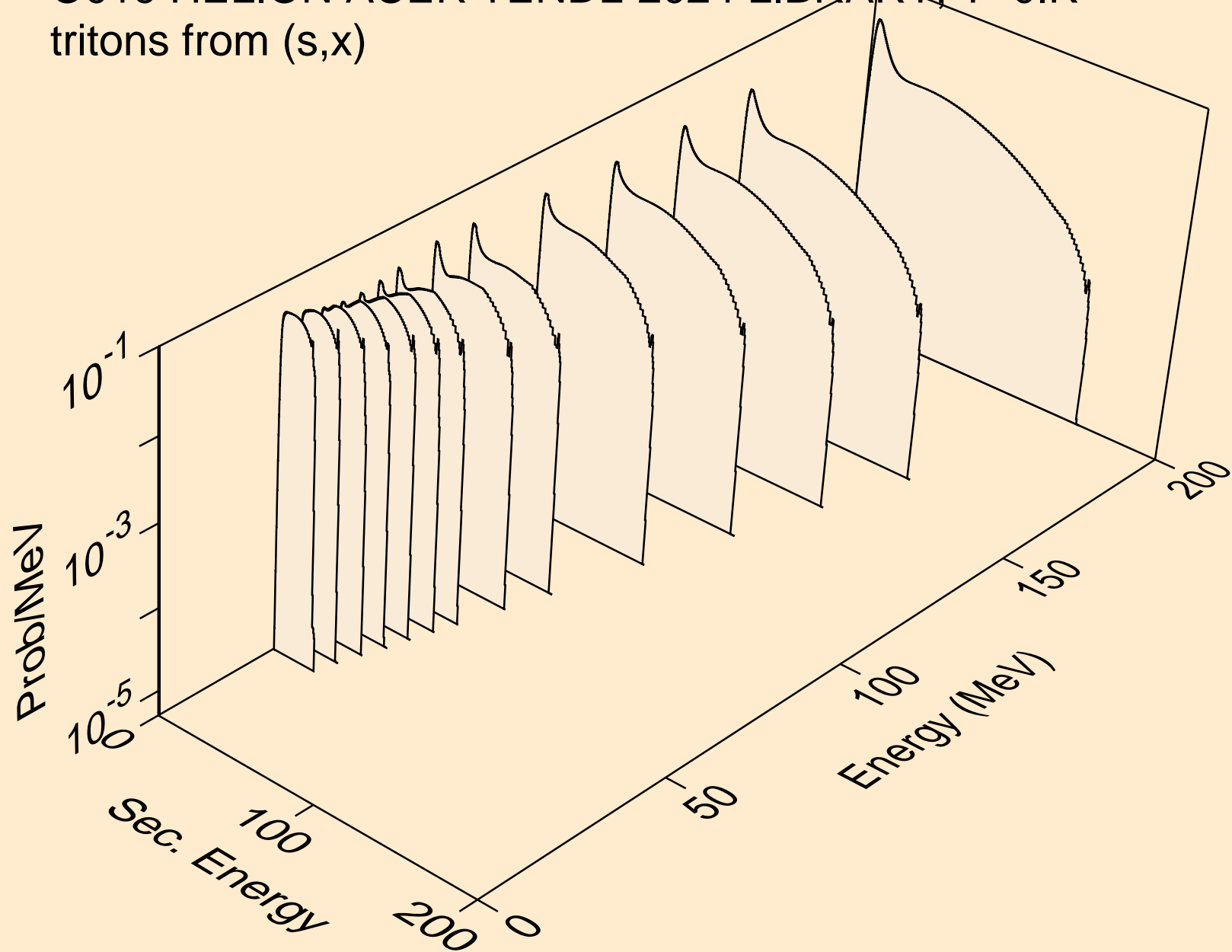
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (s,pd)



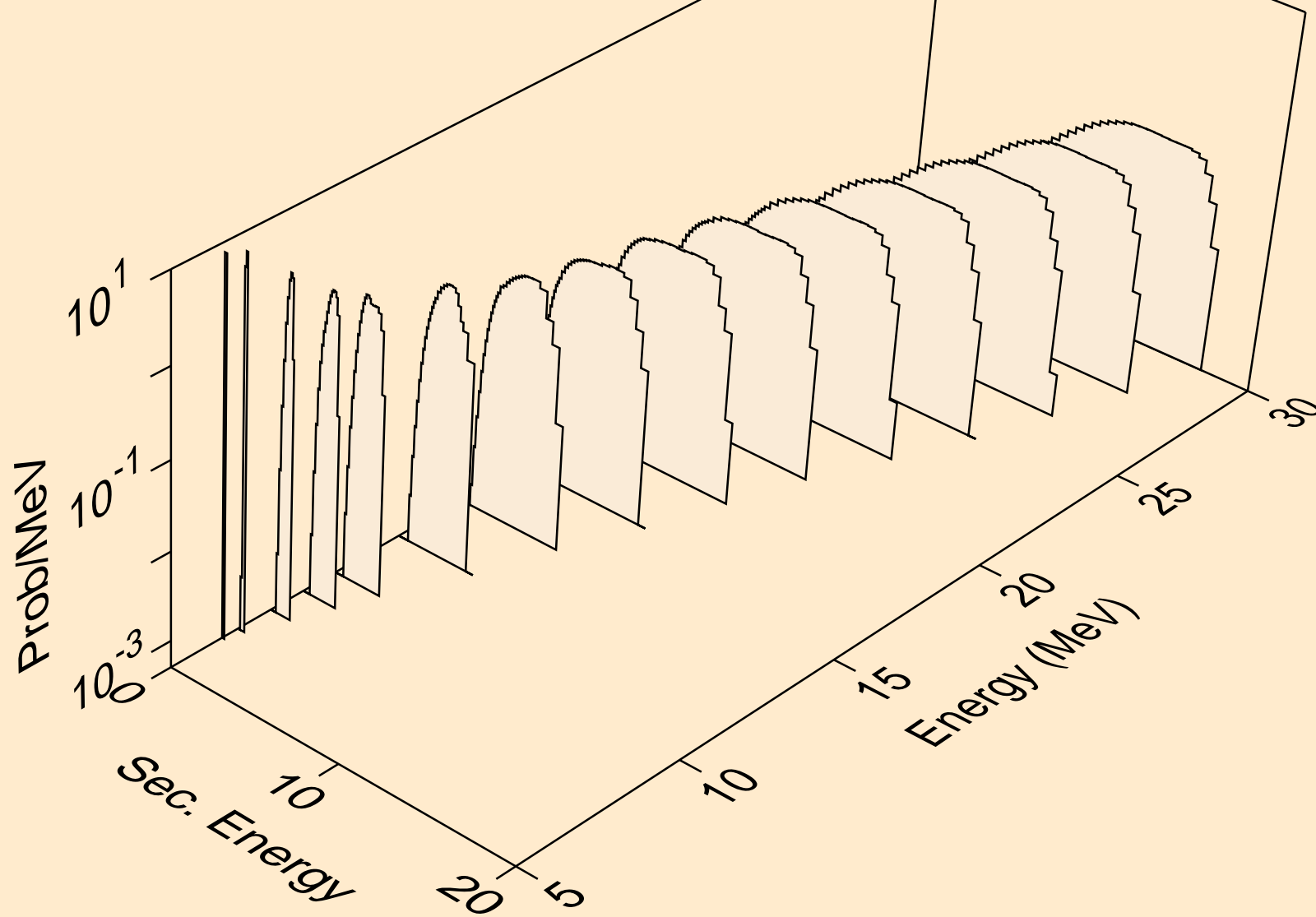
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (s,da)



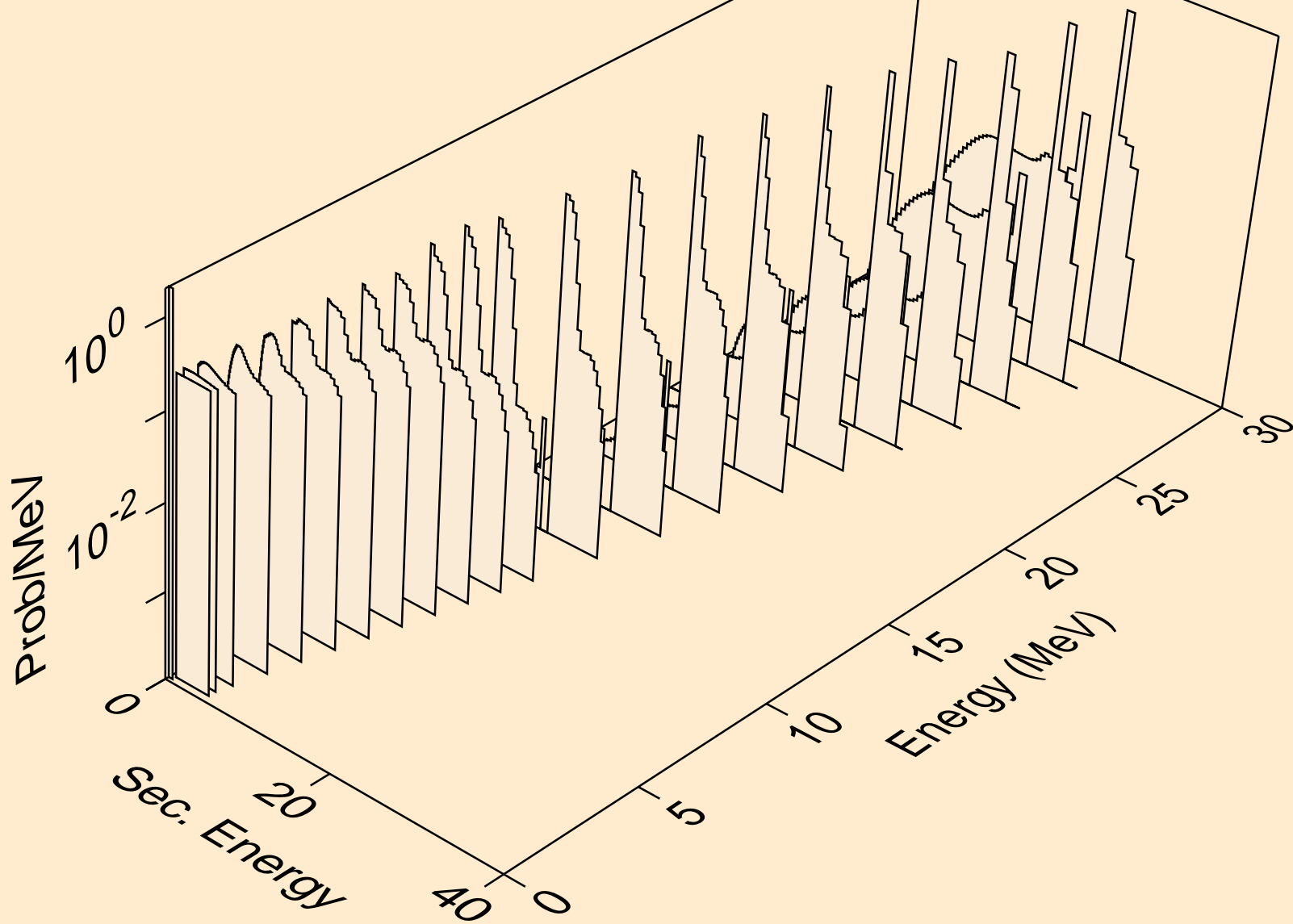
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
tritons from (s,x)



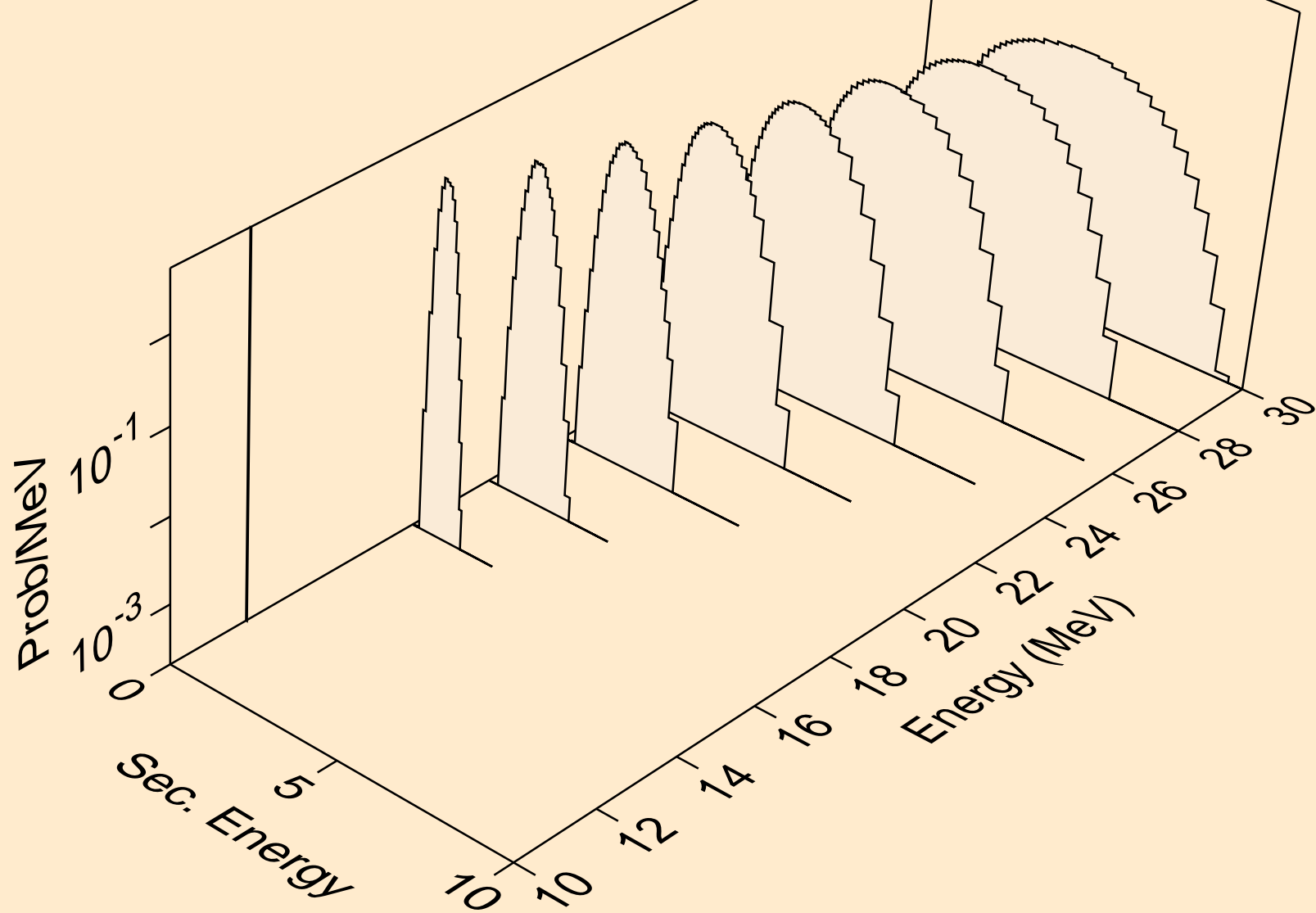
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
tritons from (s,n*)t



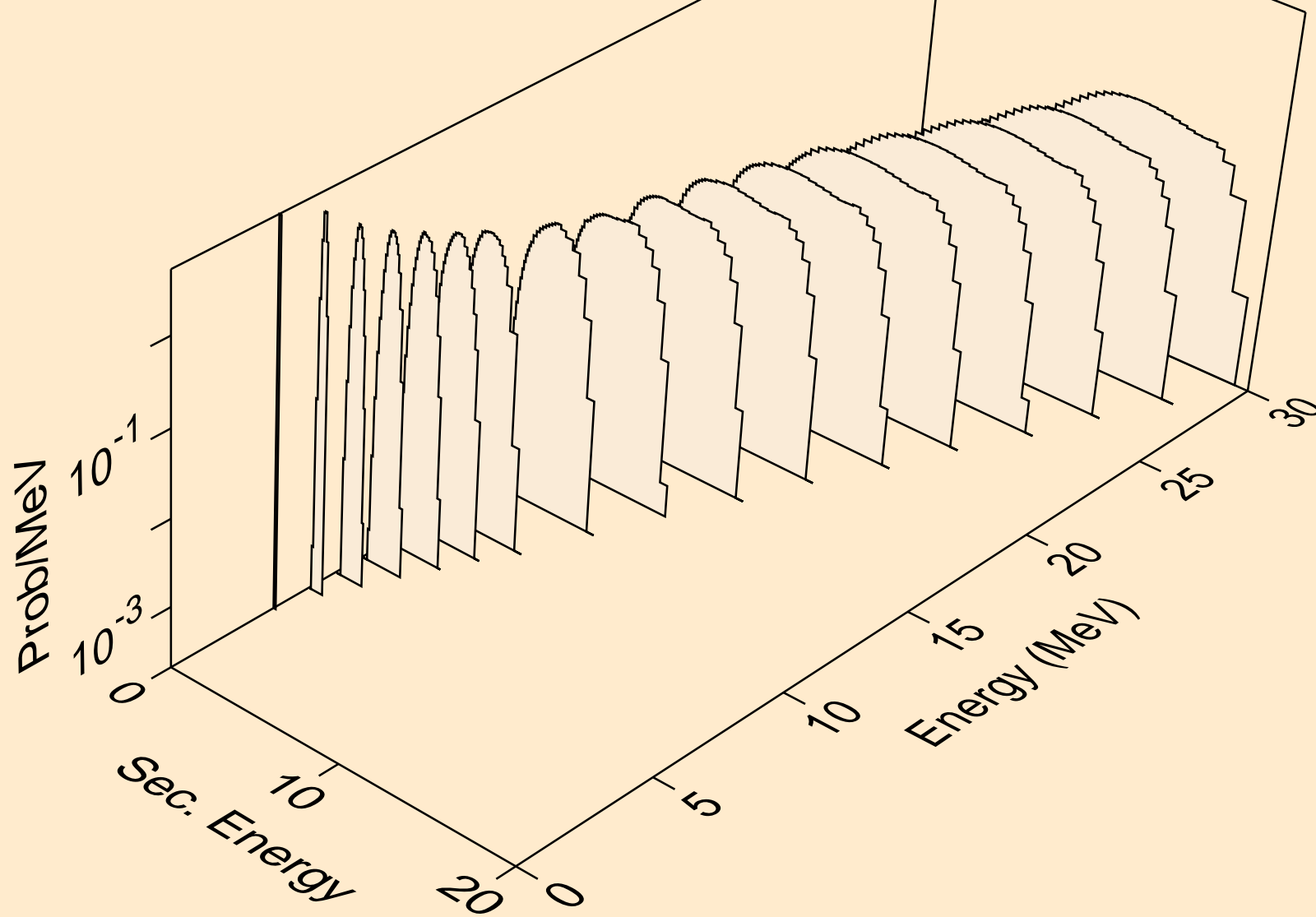
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
tritons from (s,t)



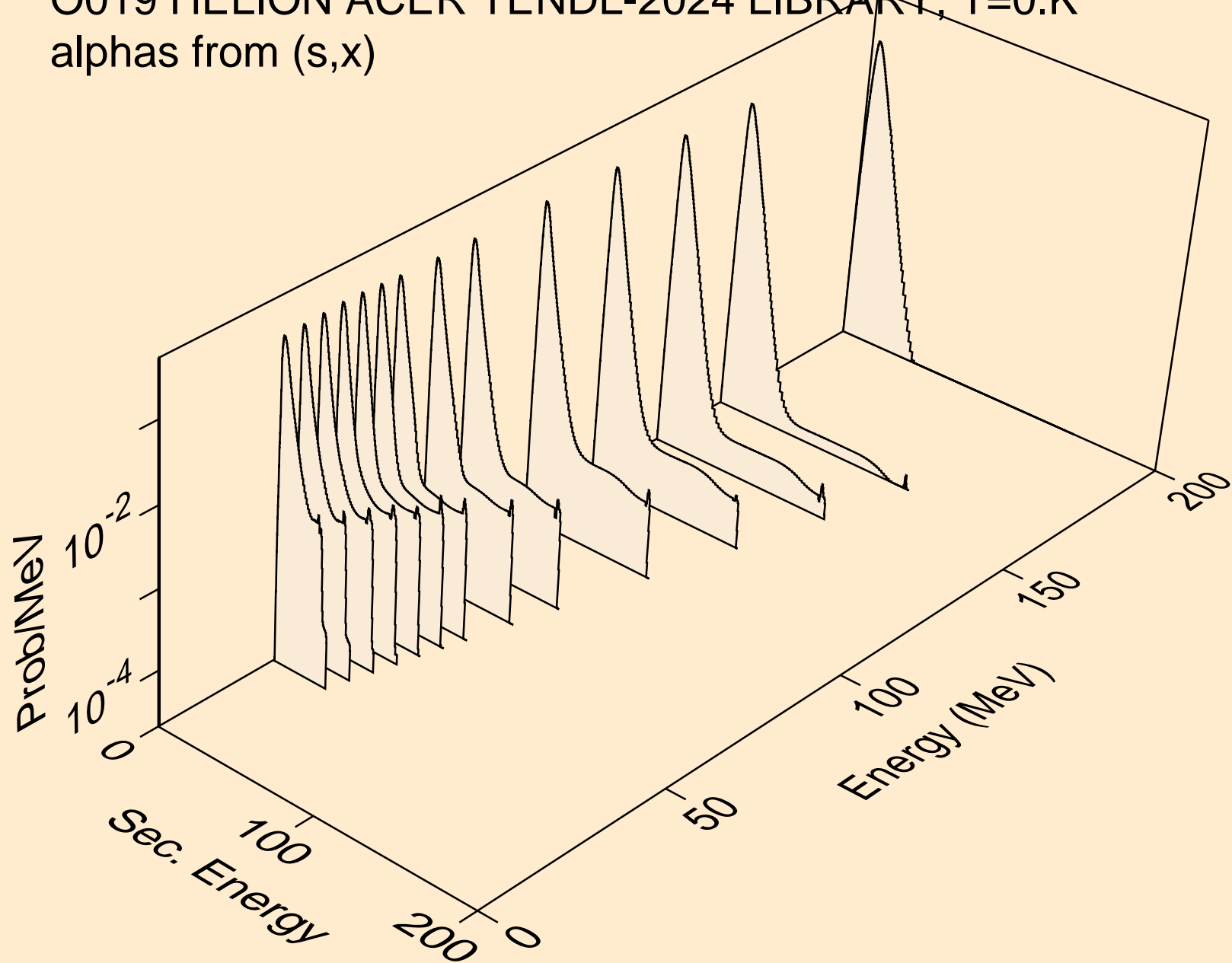
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
tritons from (s,t2a)



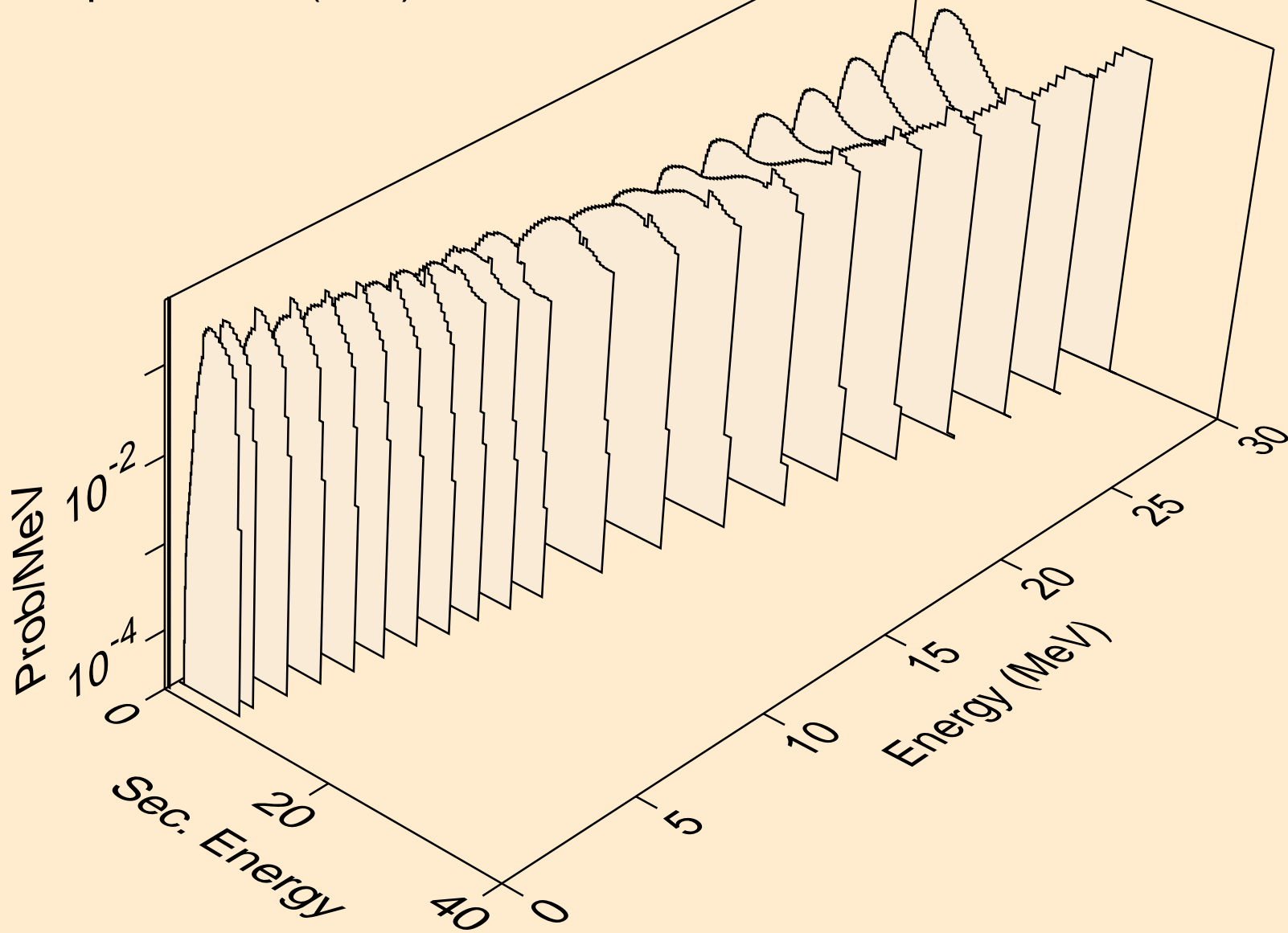
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
tritons from (s,pt)



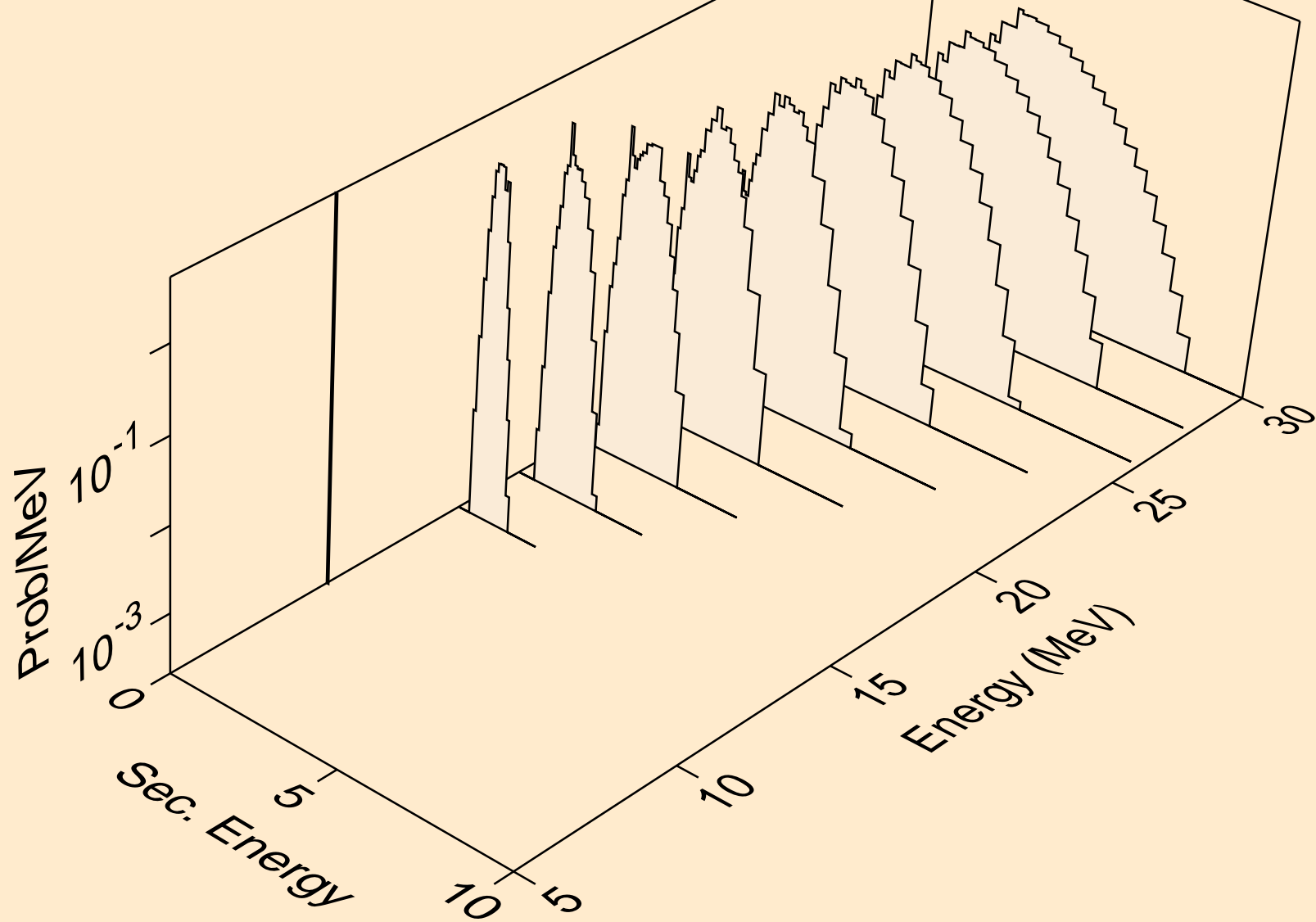
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,x)



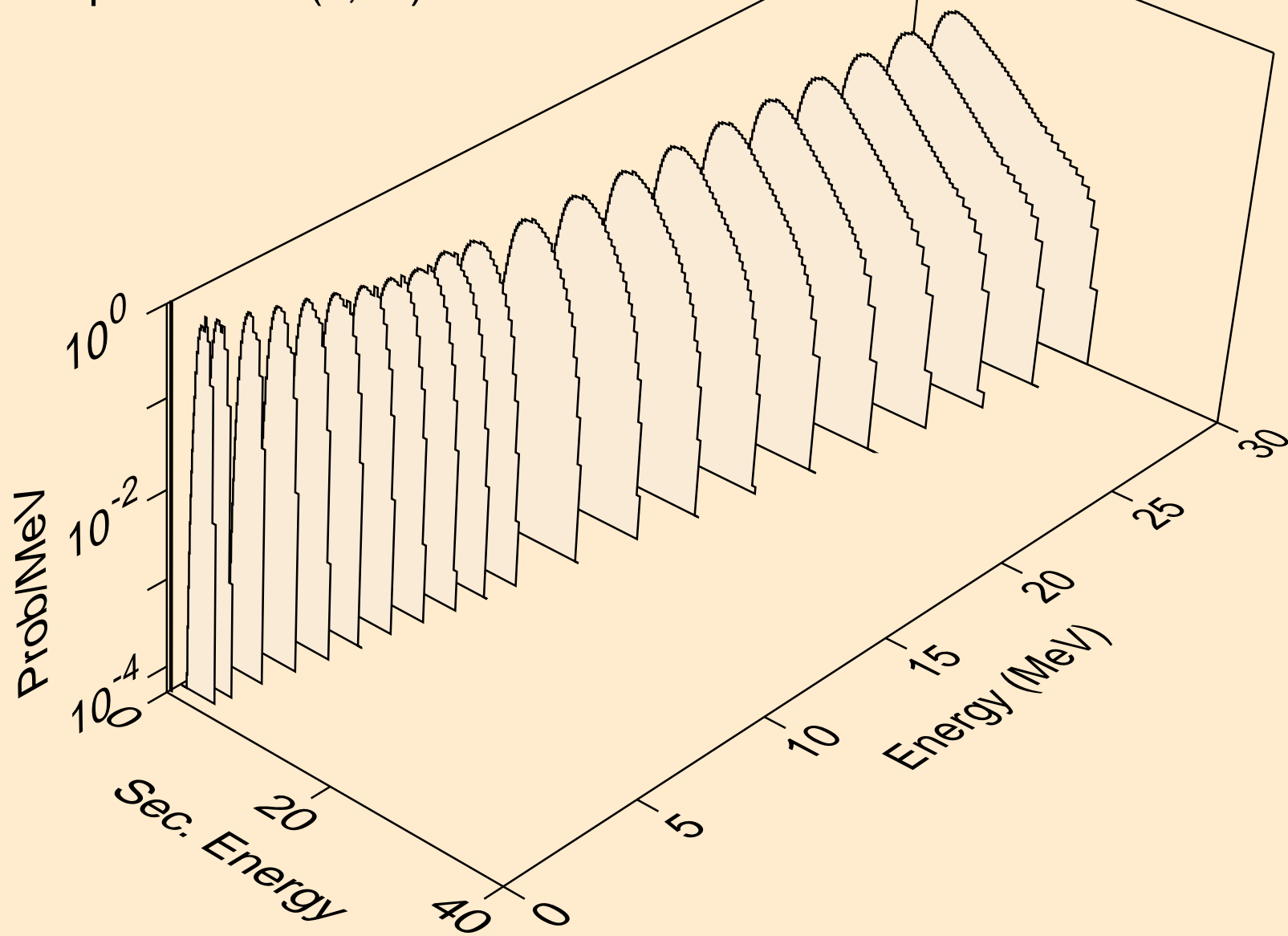
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,n*)a



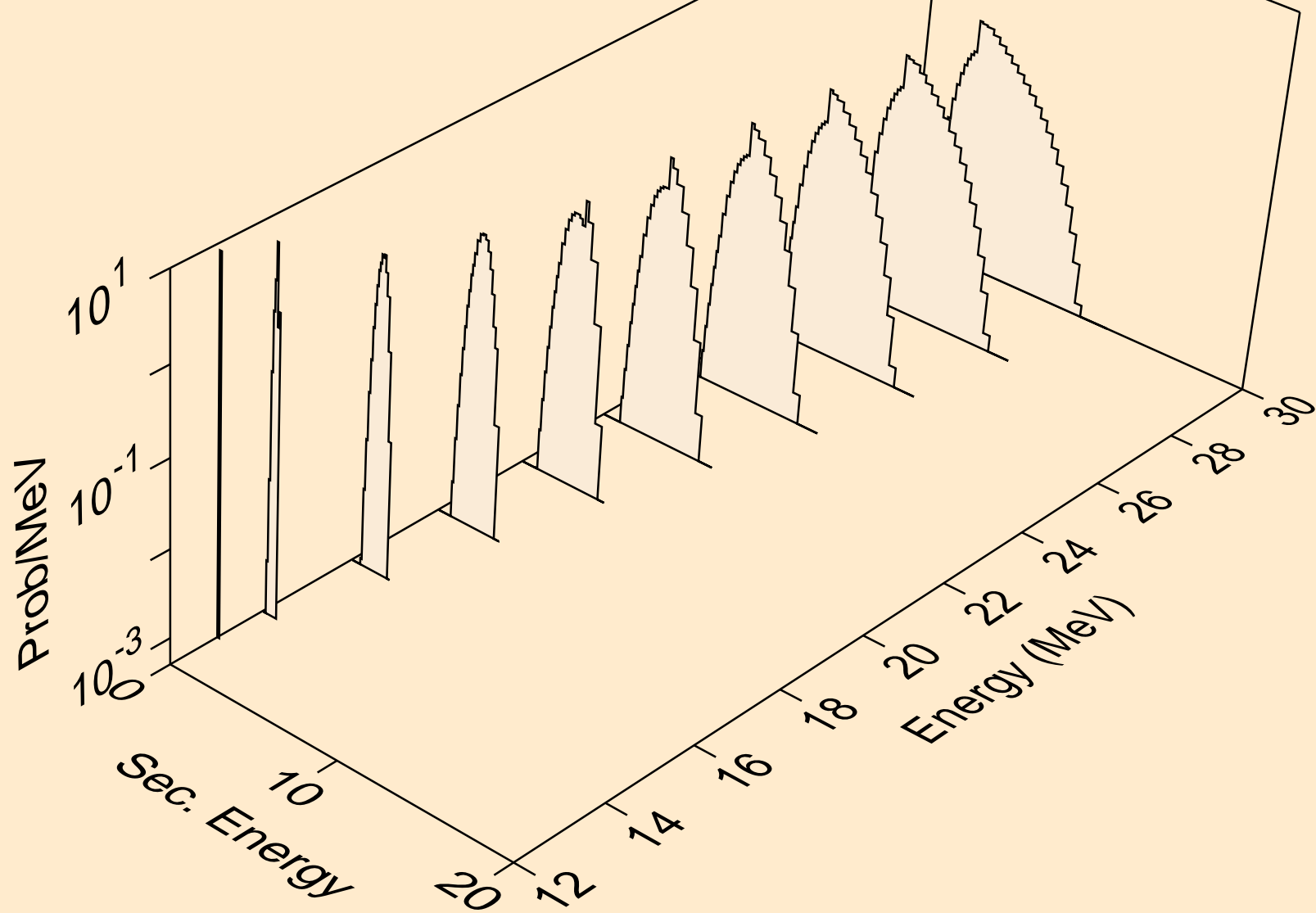
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,n*)3a



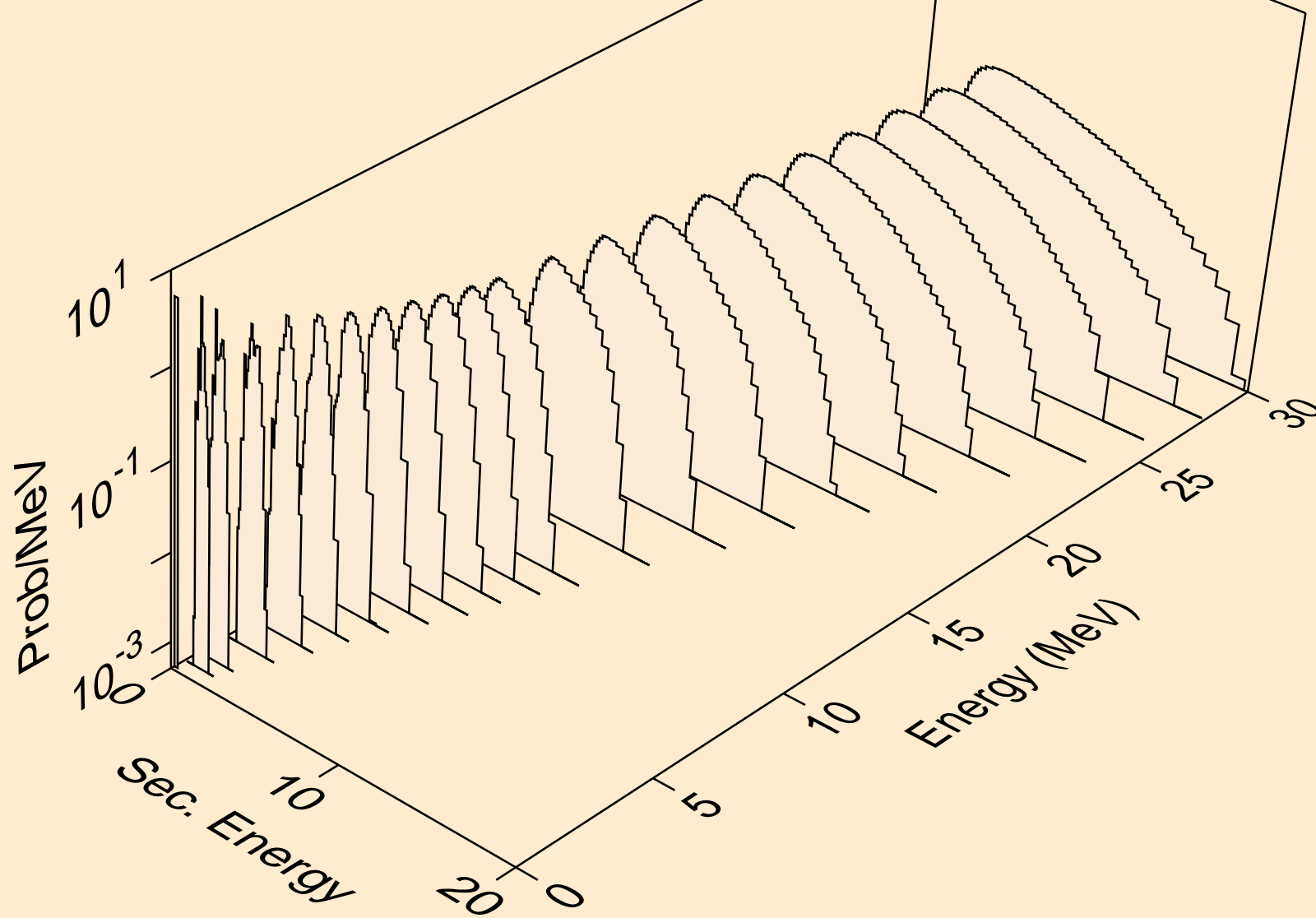
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,2n)a



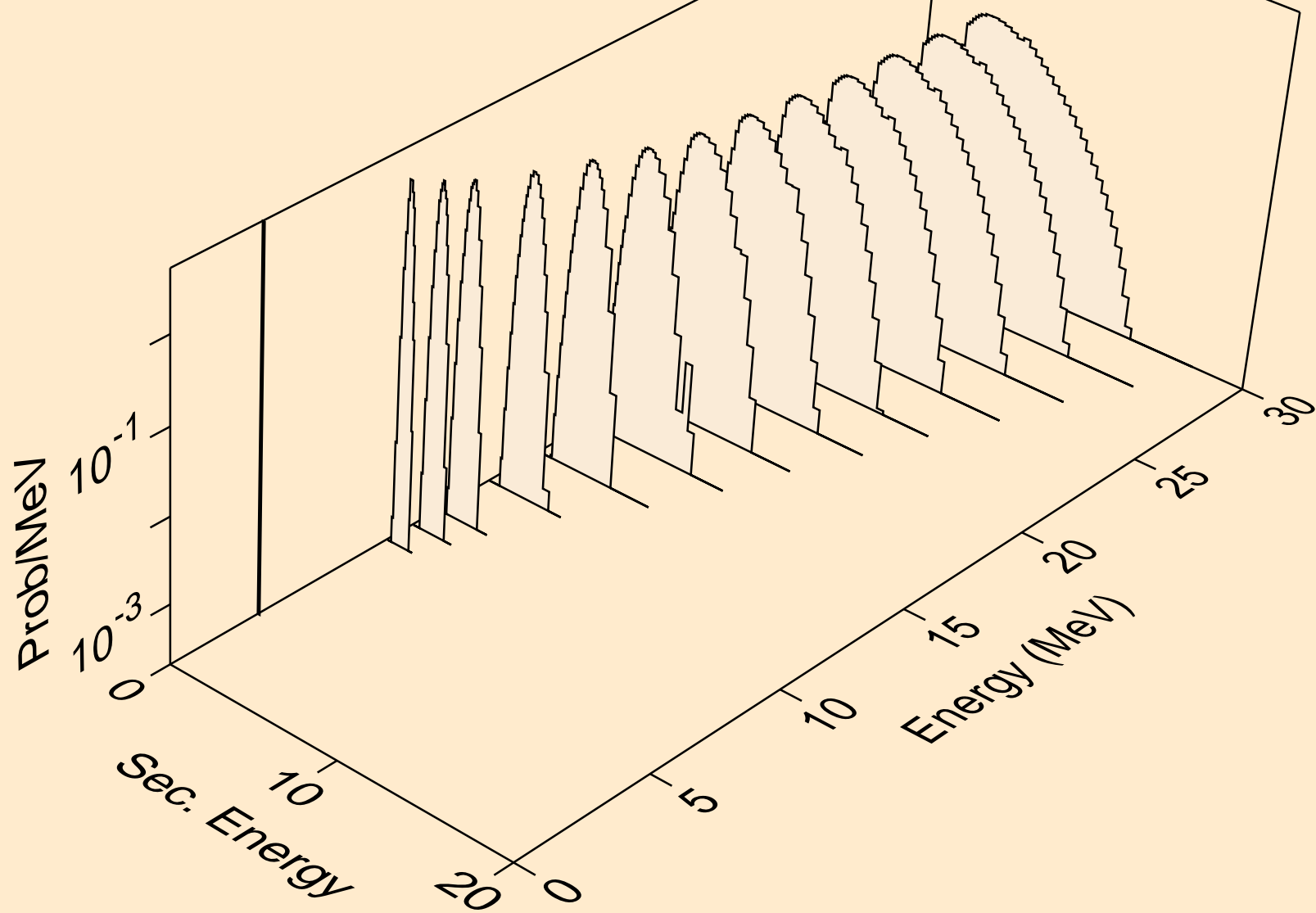
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,3n)a



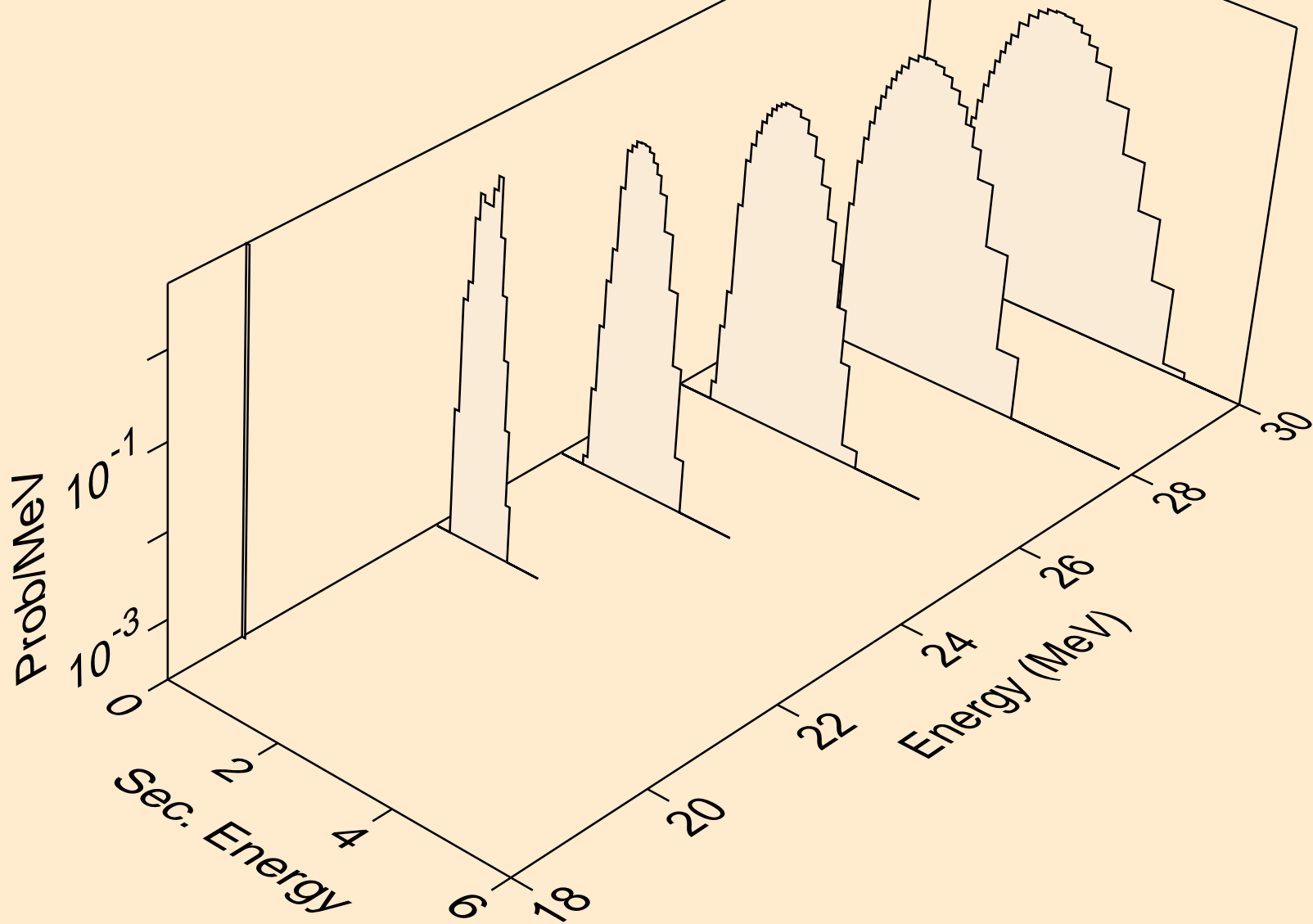
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,n*)2a



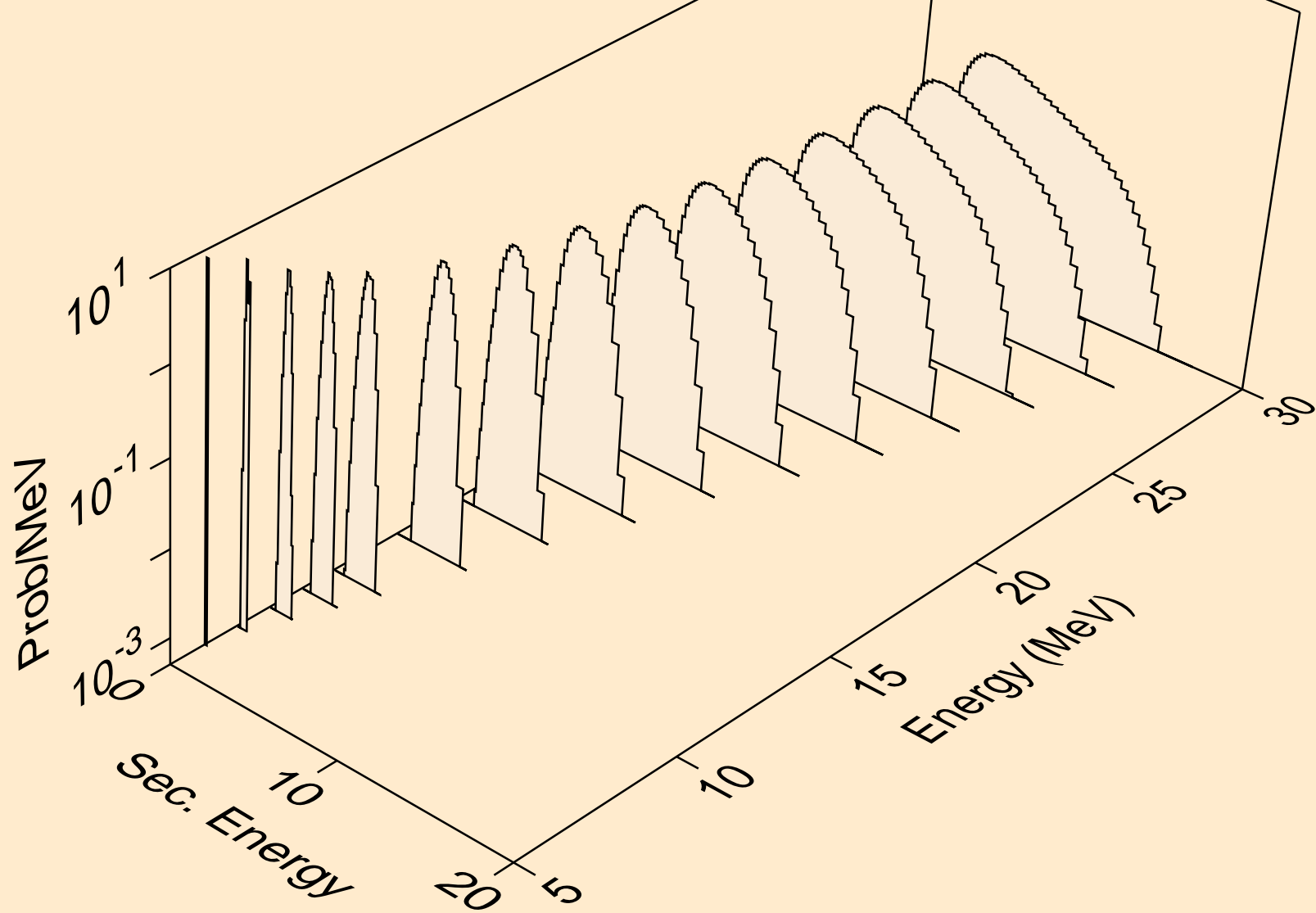
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,2n)2a



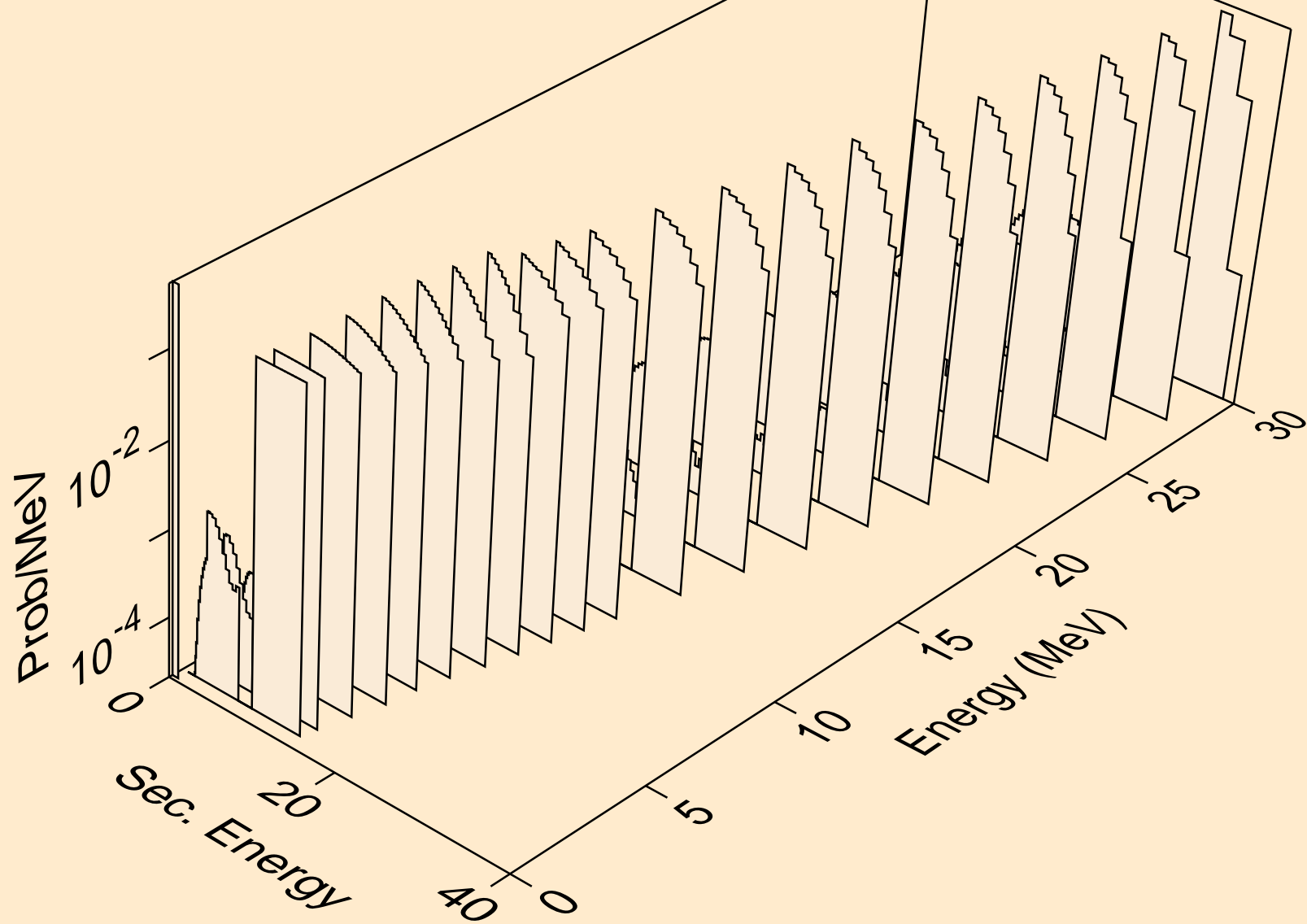
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,n*)d2a



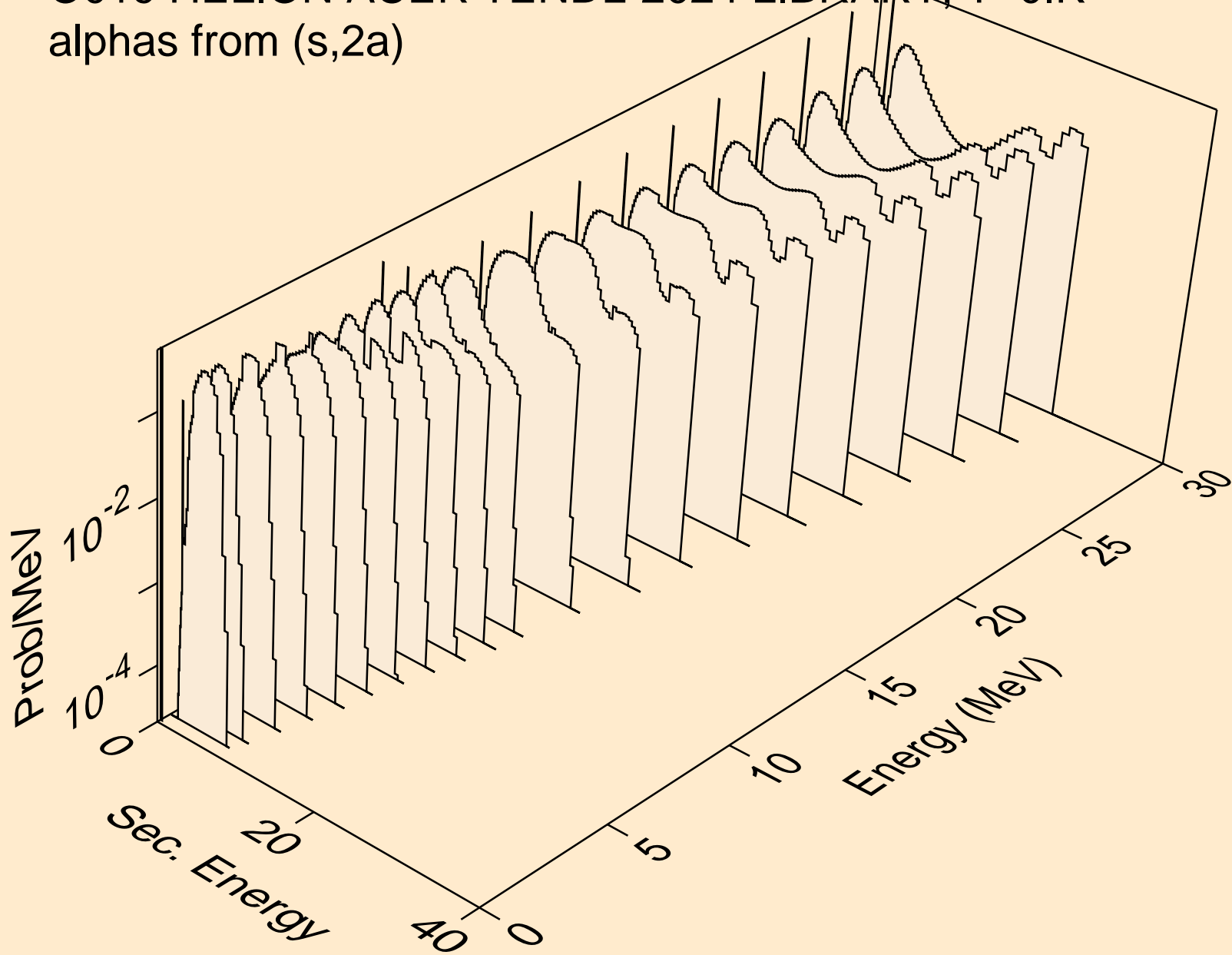
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,npa)



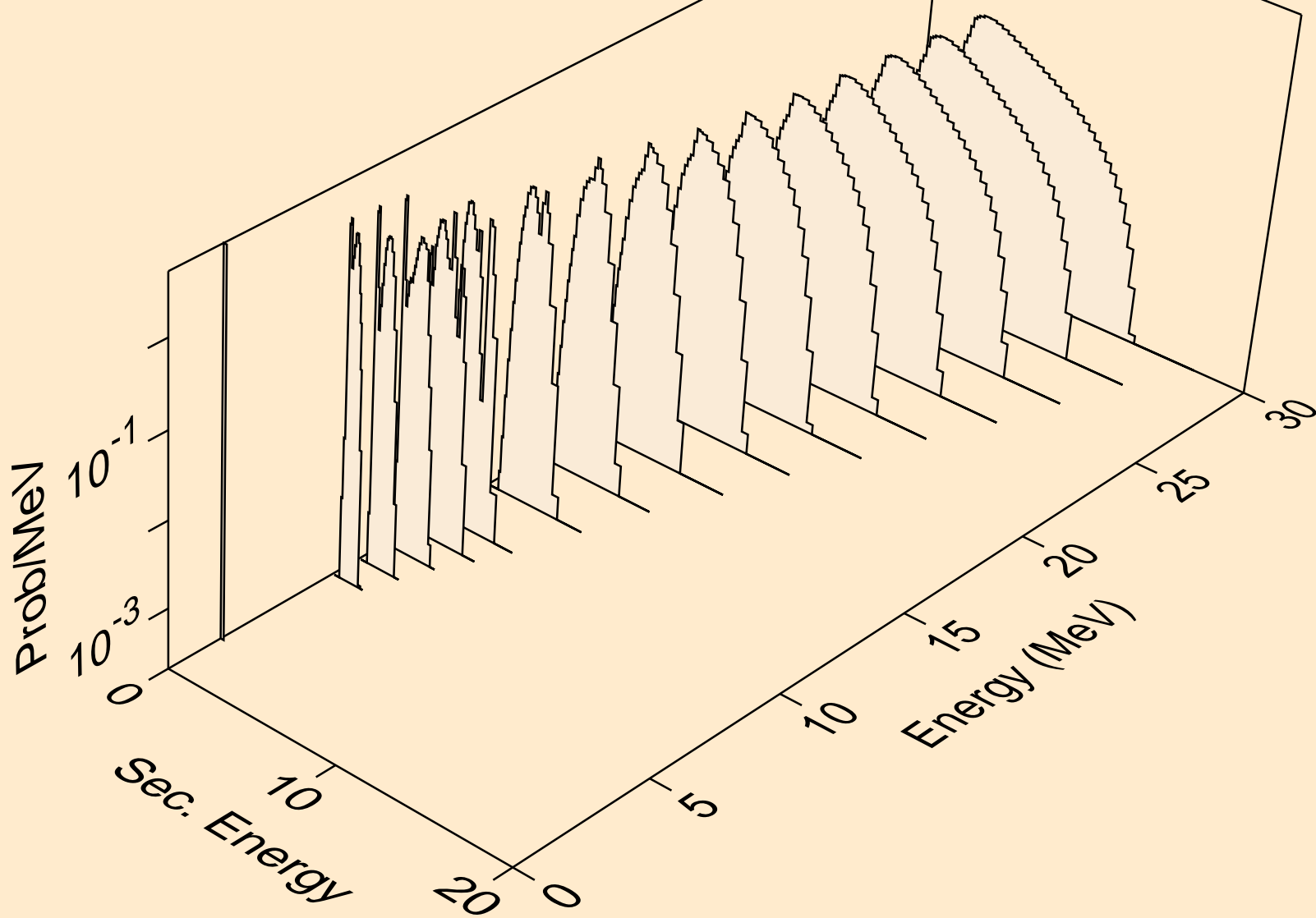
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,a)



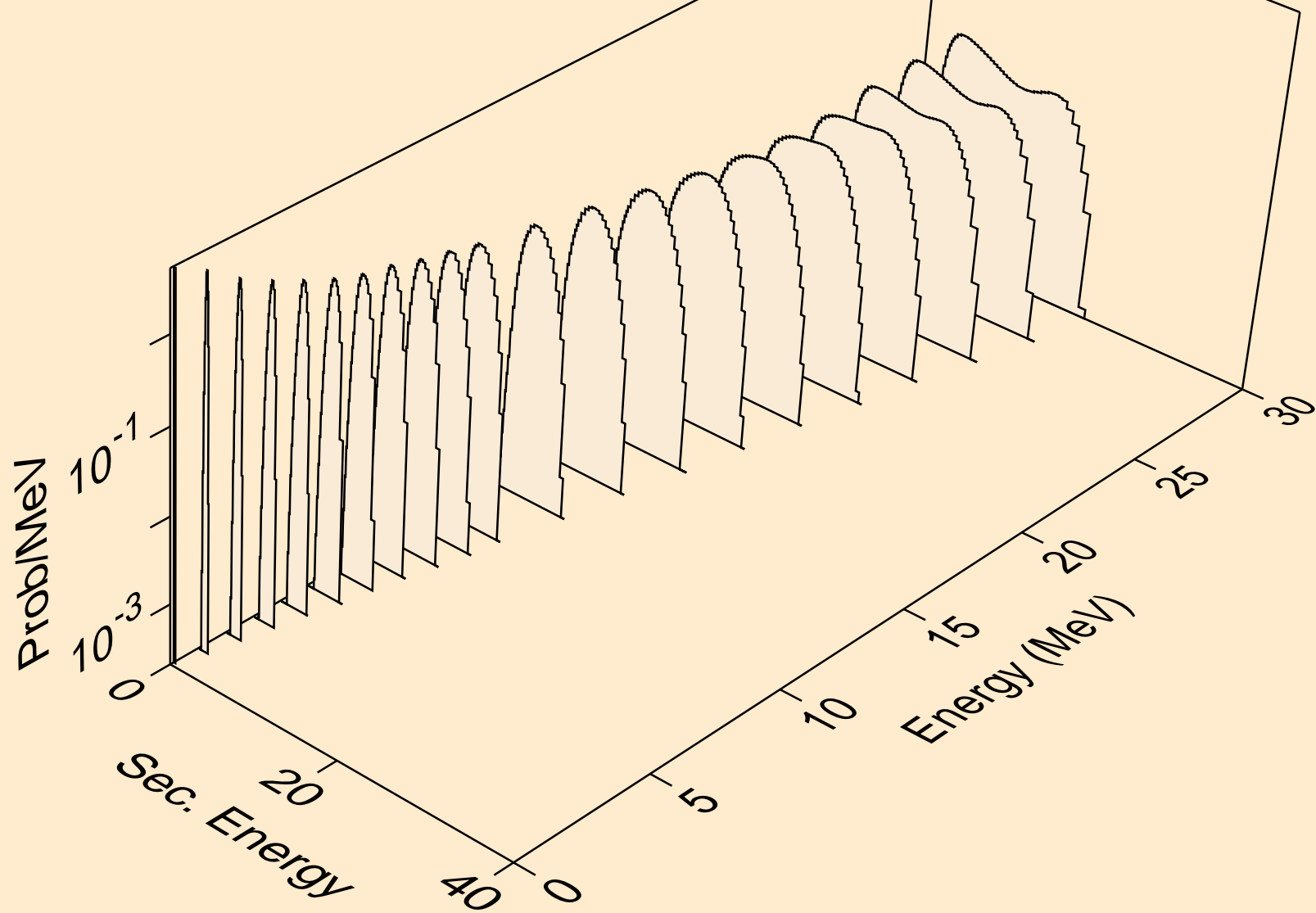
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,2a)



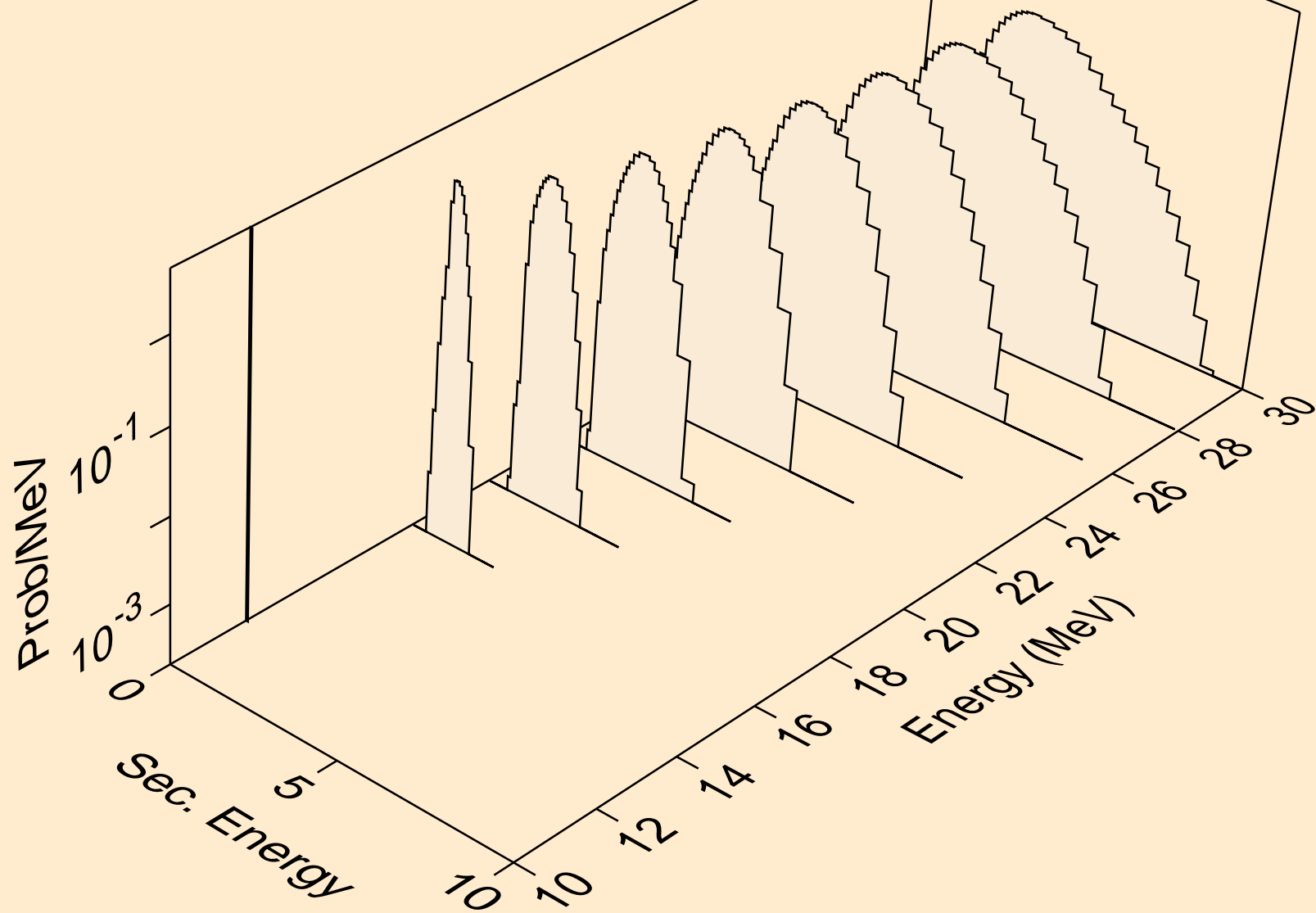
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,3a)



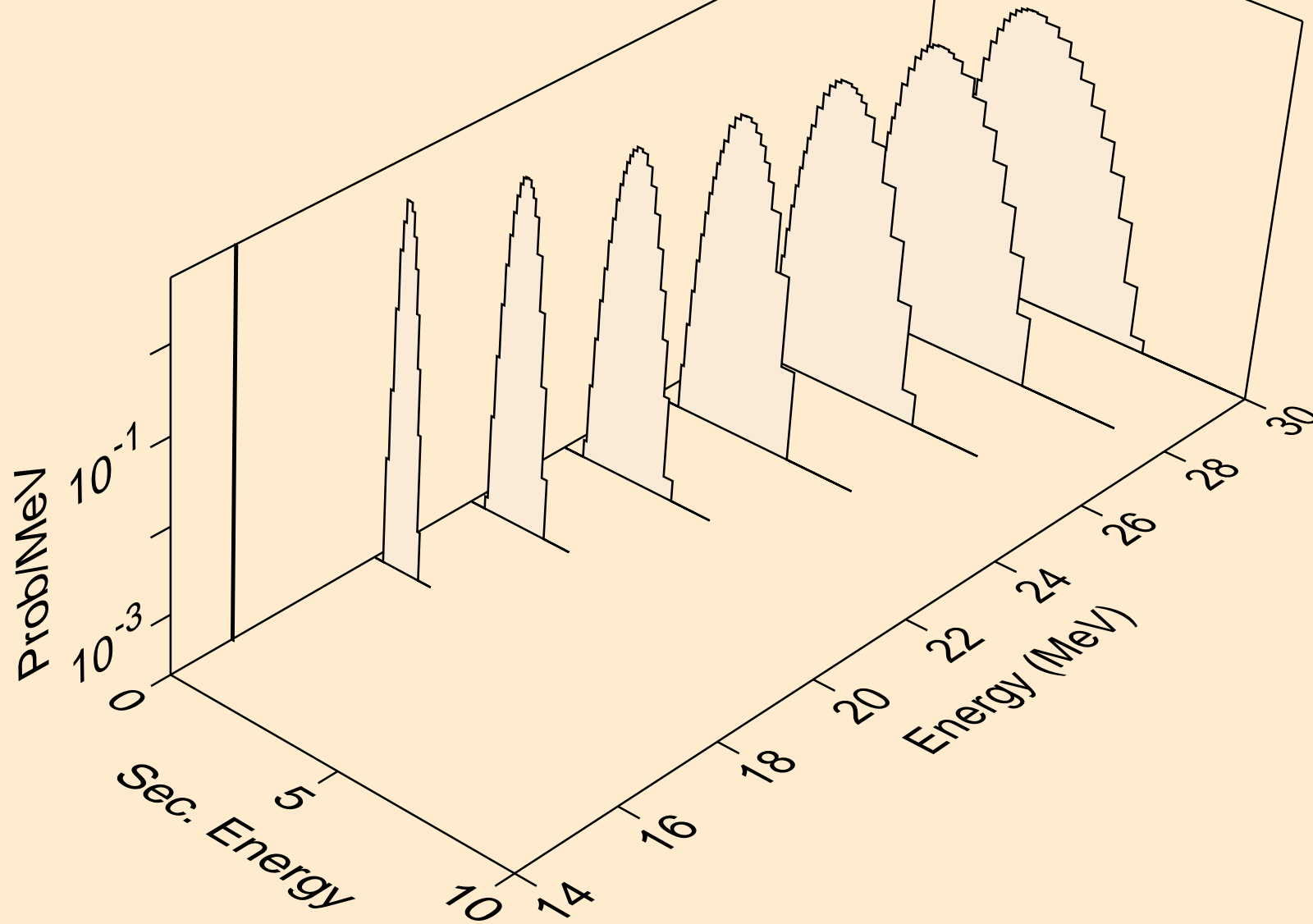
O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,pa)



O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,t2a)



O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,d2a)



O019 HELION ACER TENDL-2024 LIBRARY; T=0.K
alphas from (s,da)

