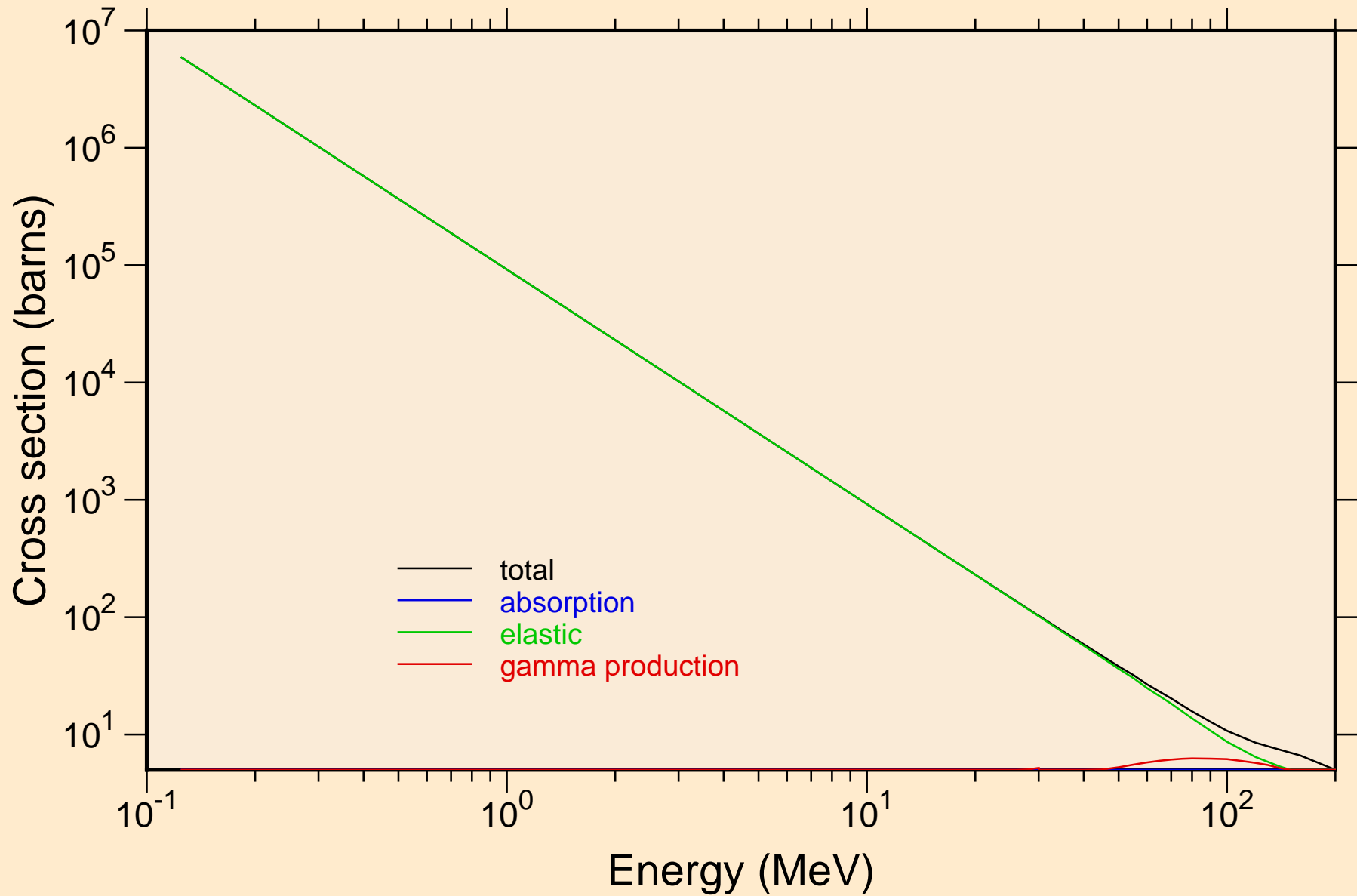


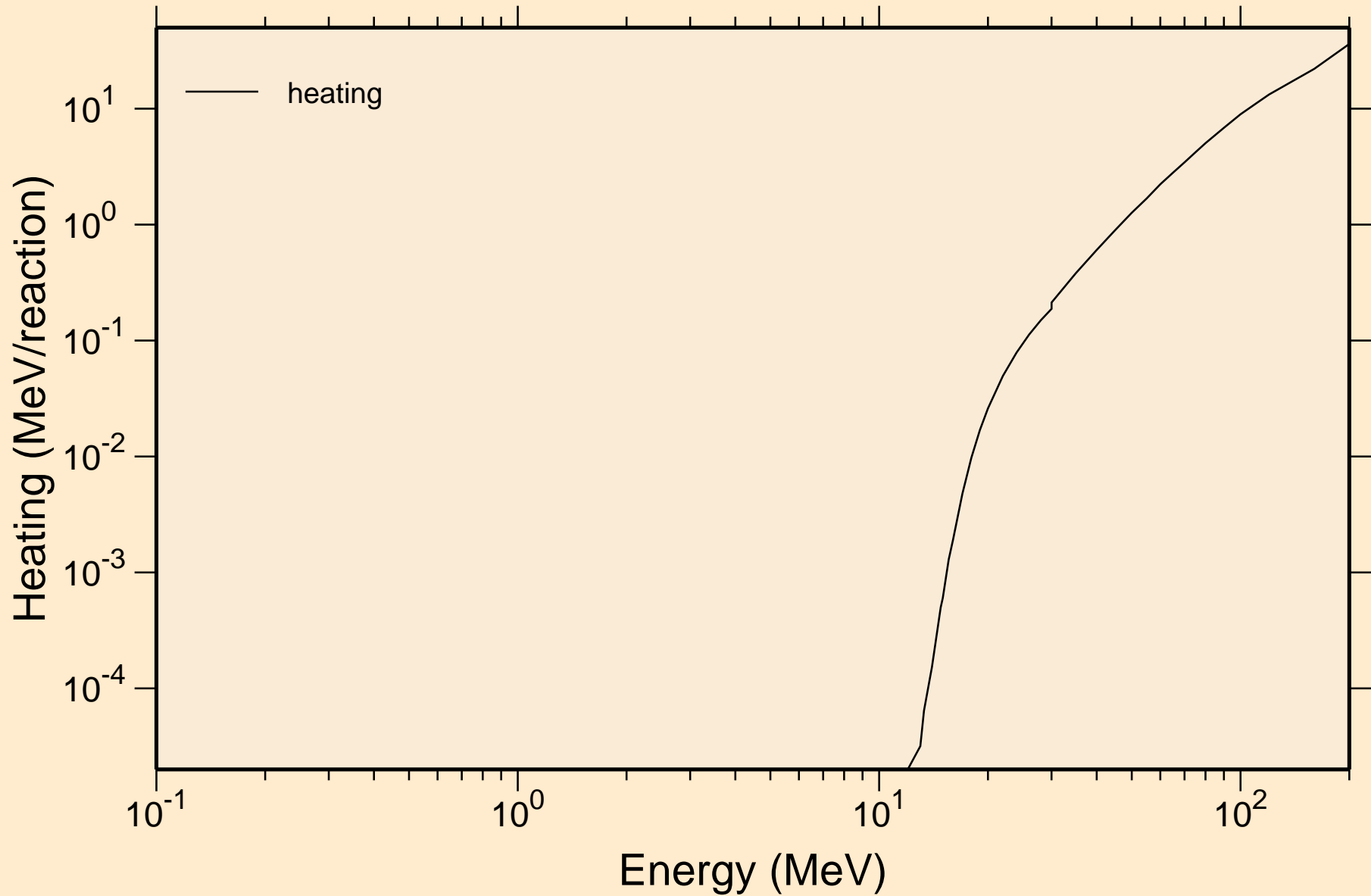
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



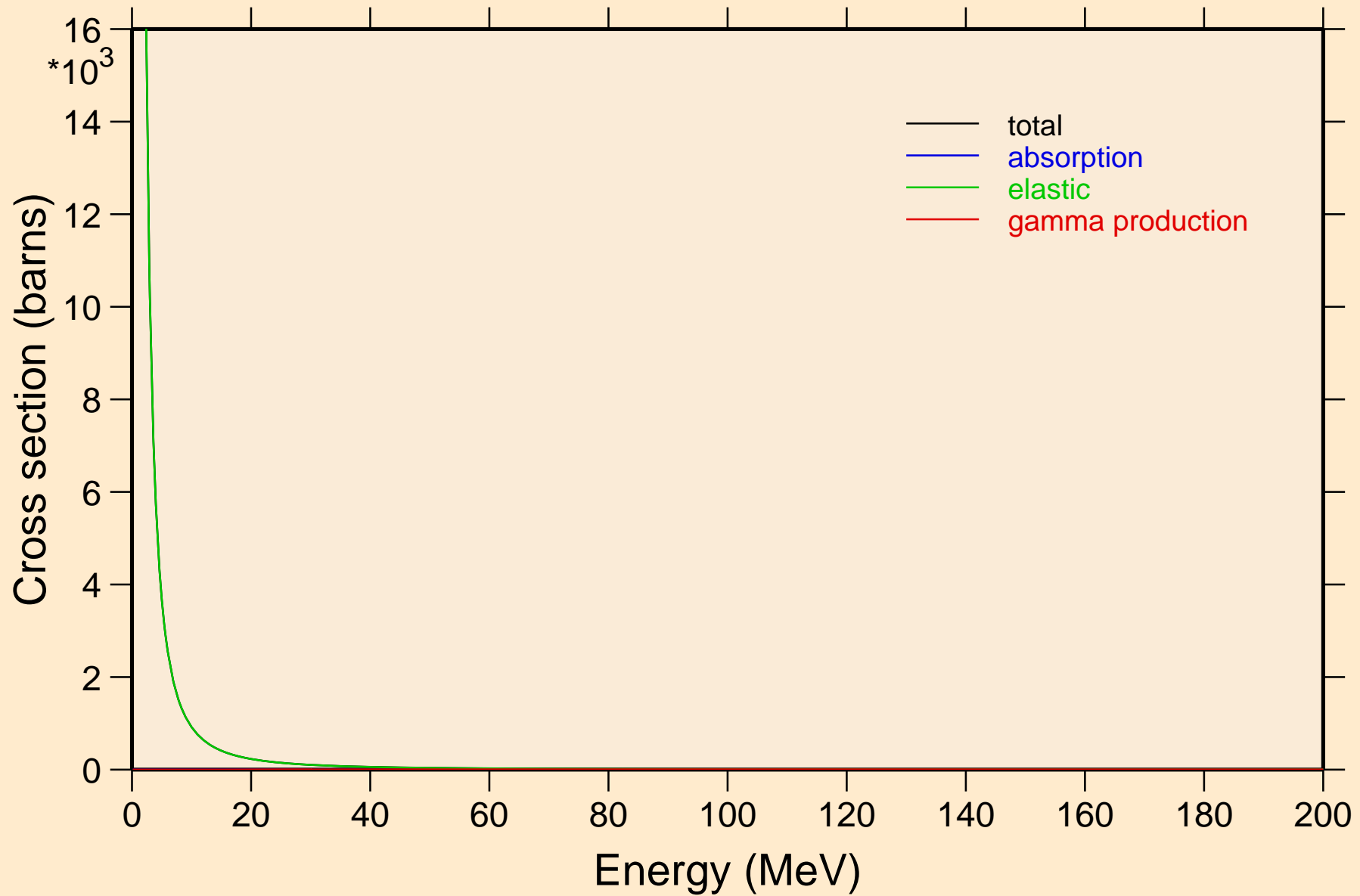
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K

Heating



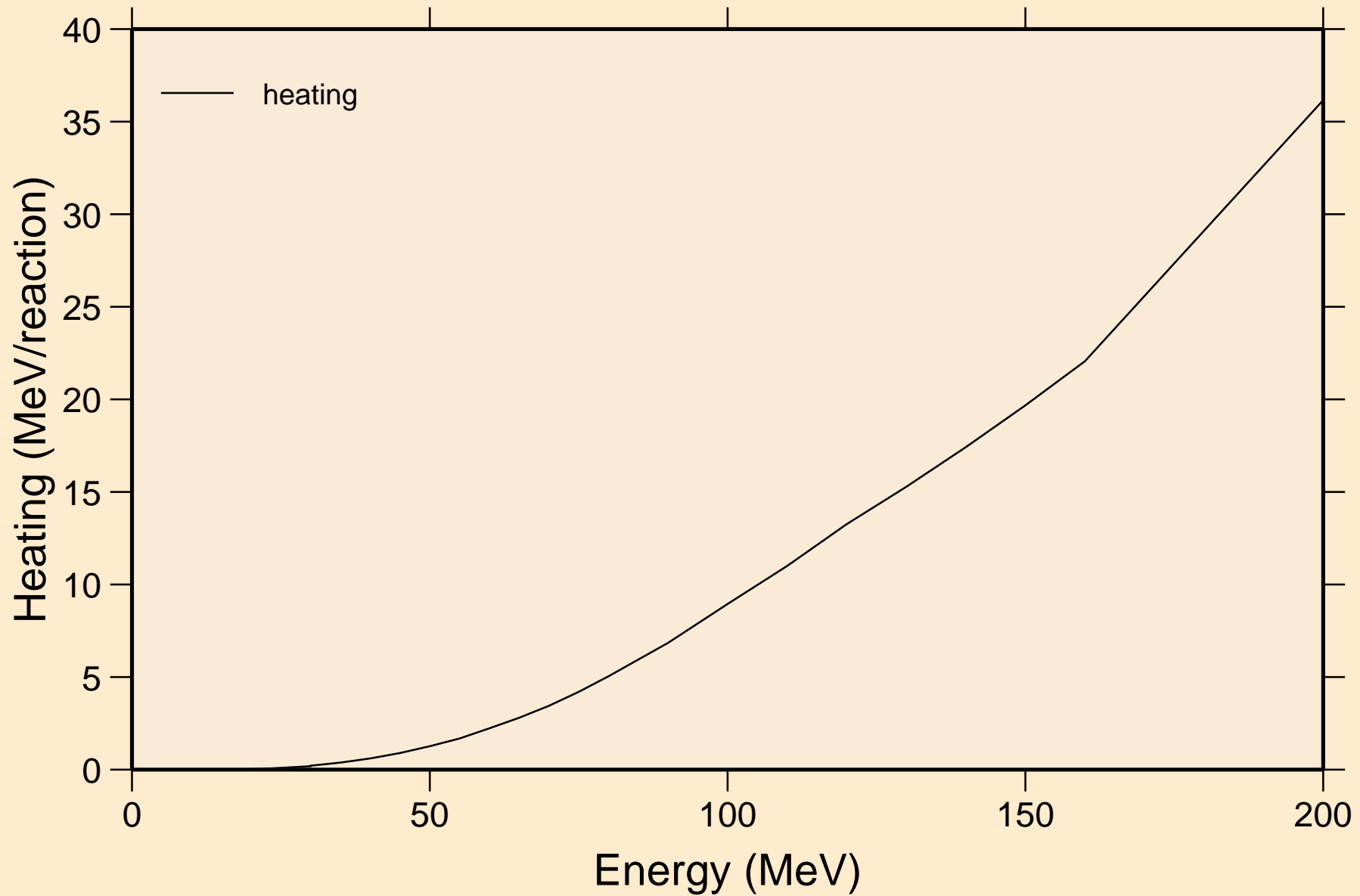
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



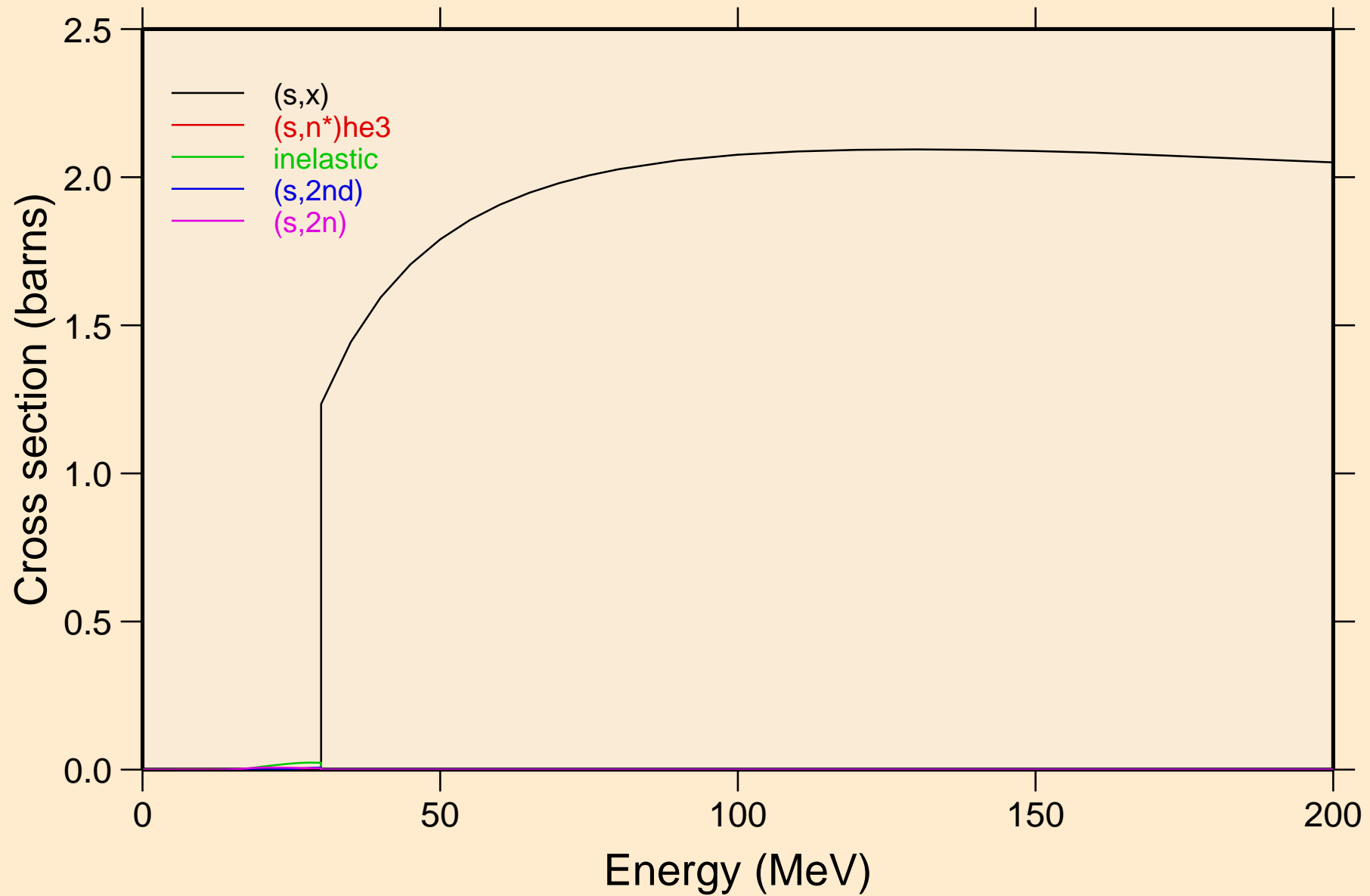
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K

Heating



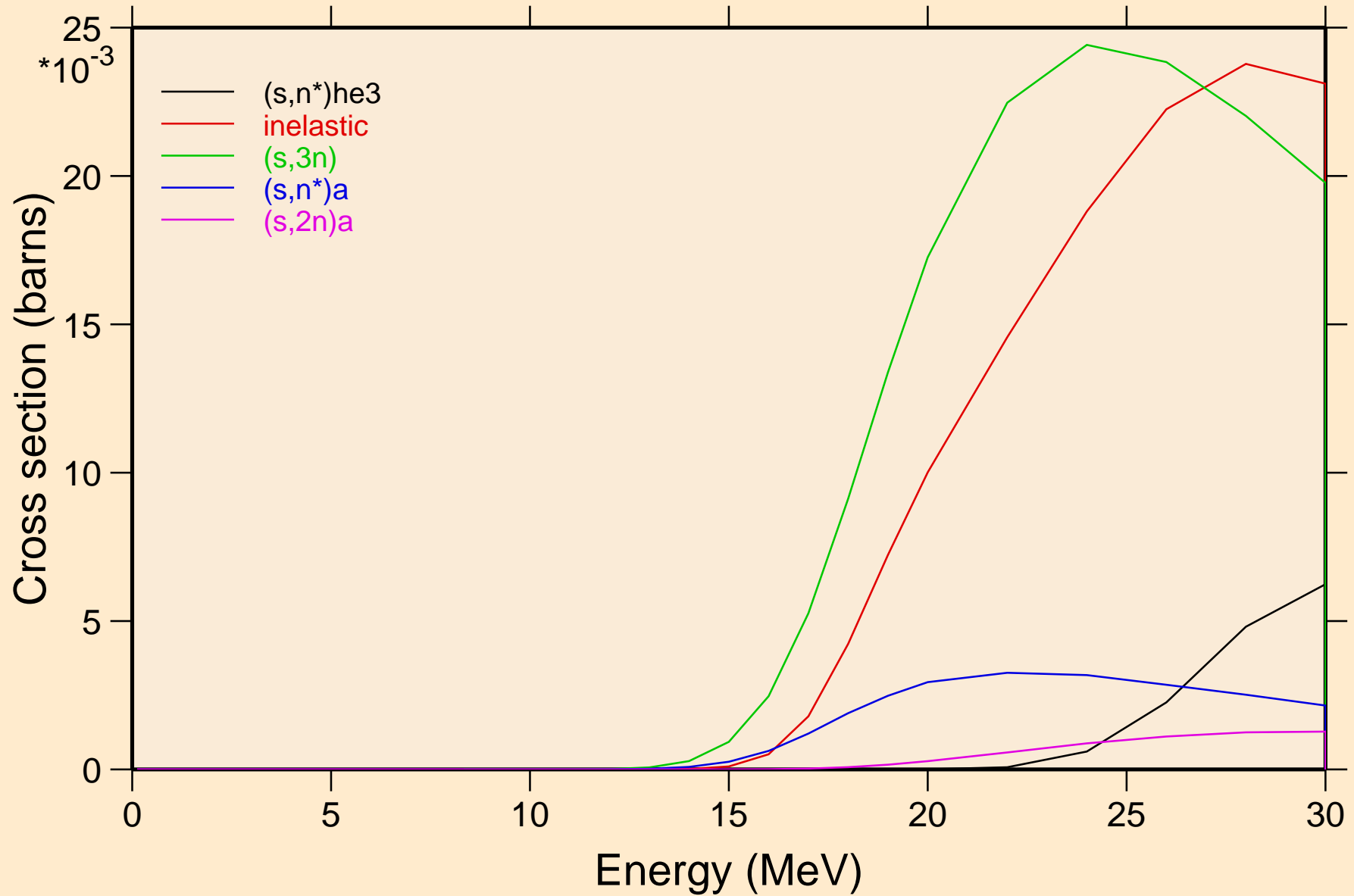
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



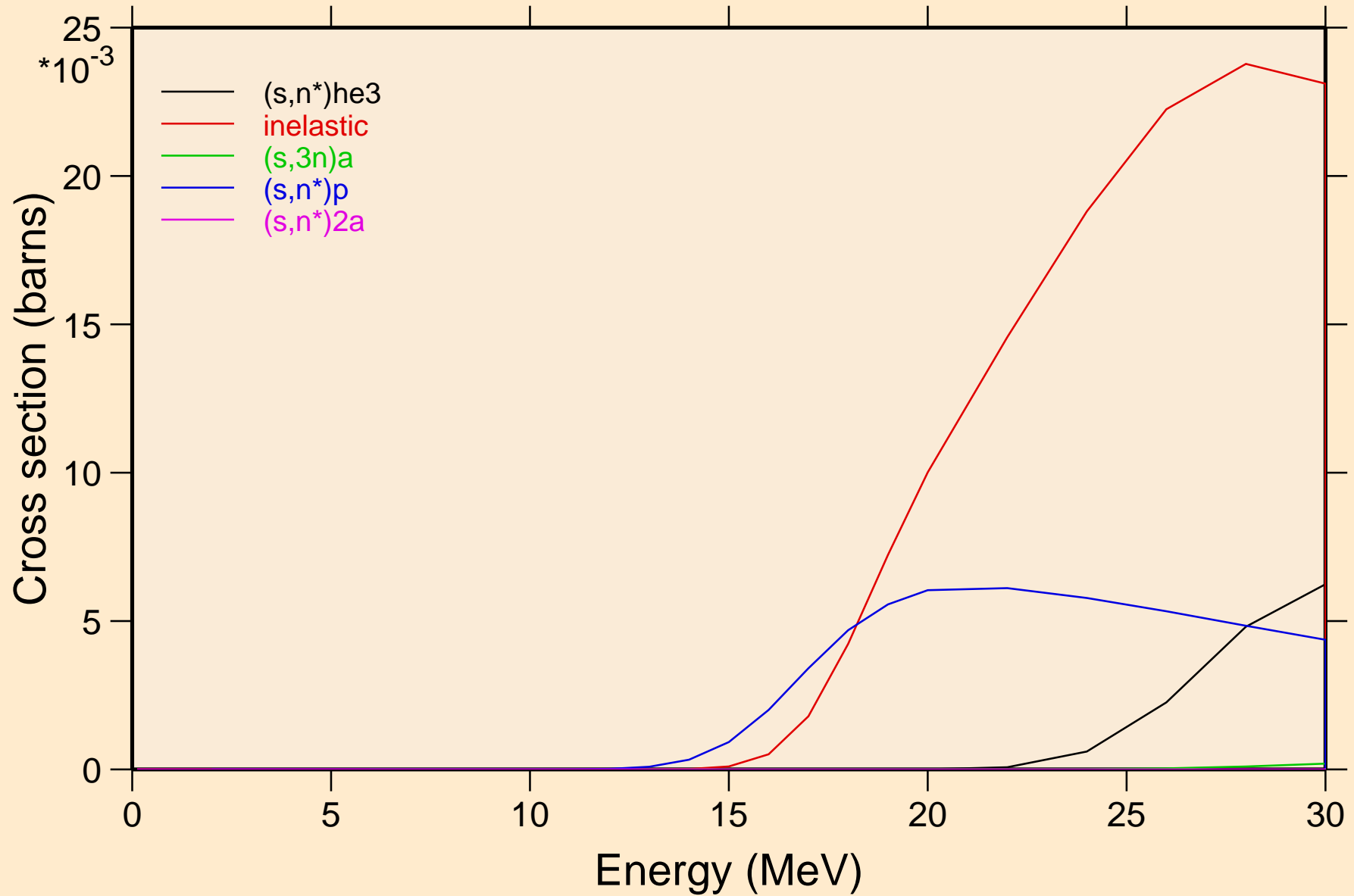
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

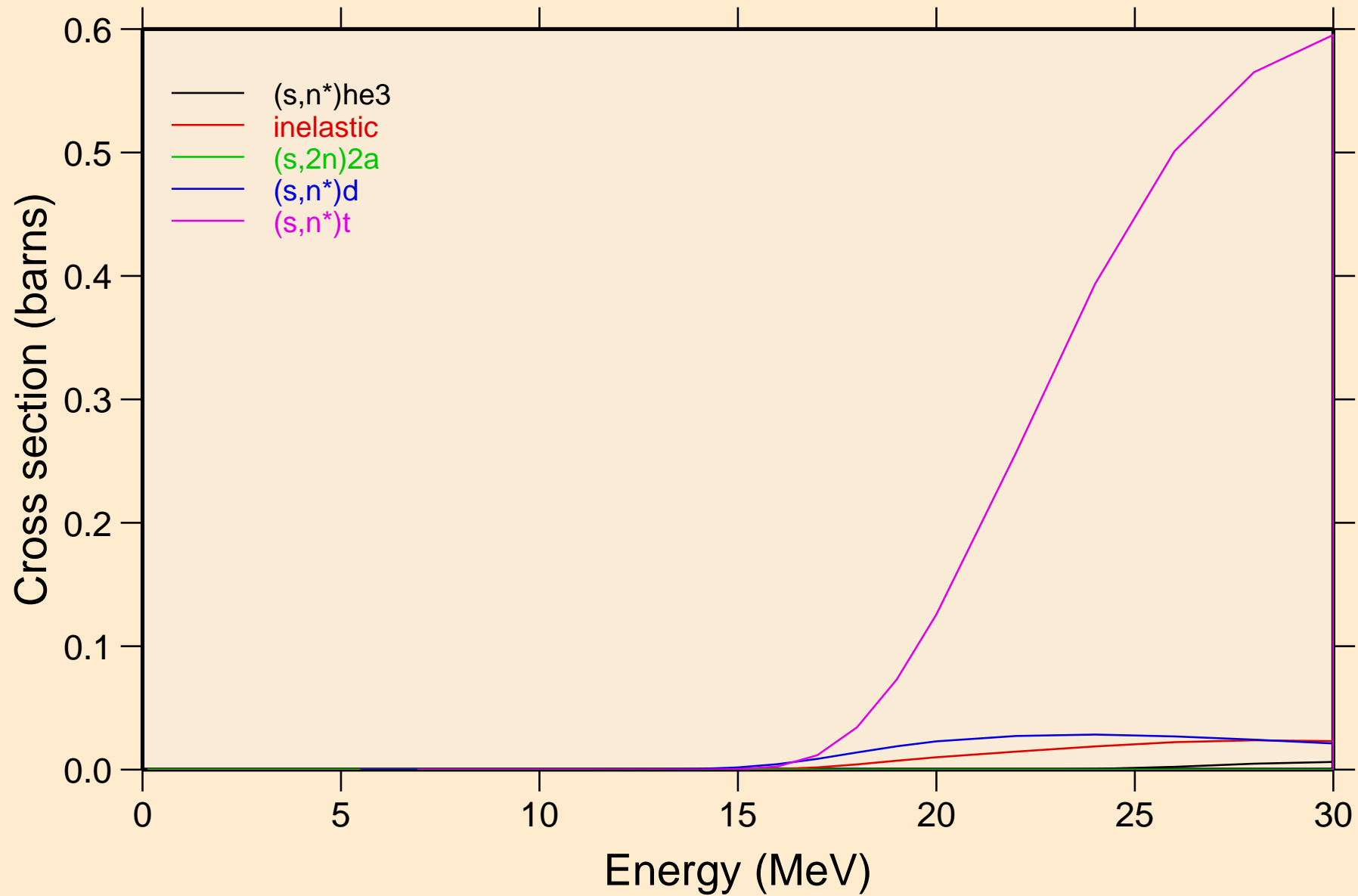


ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K

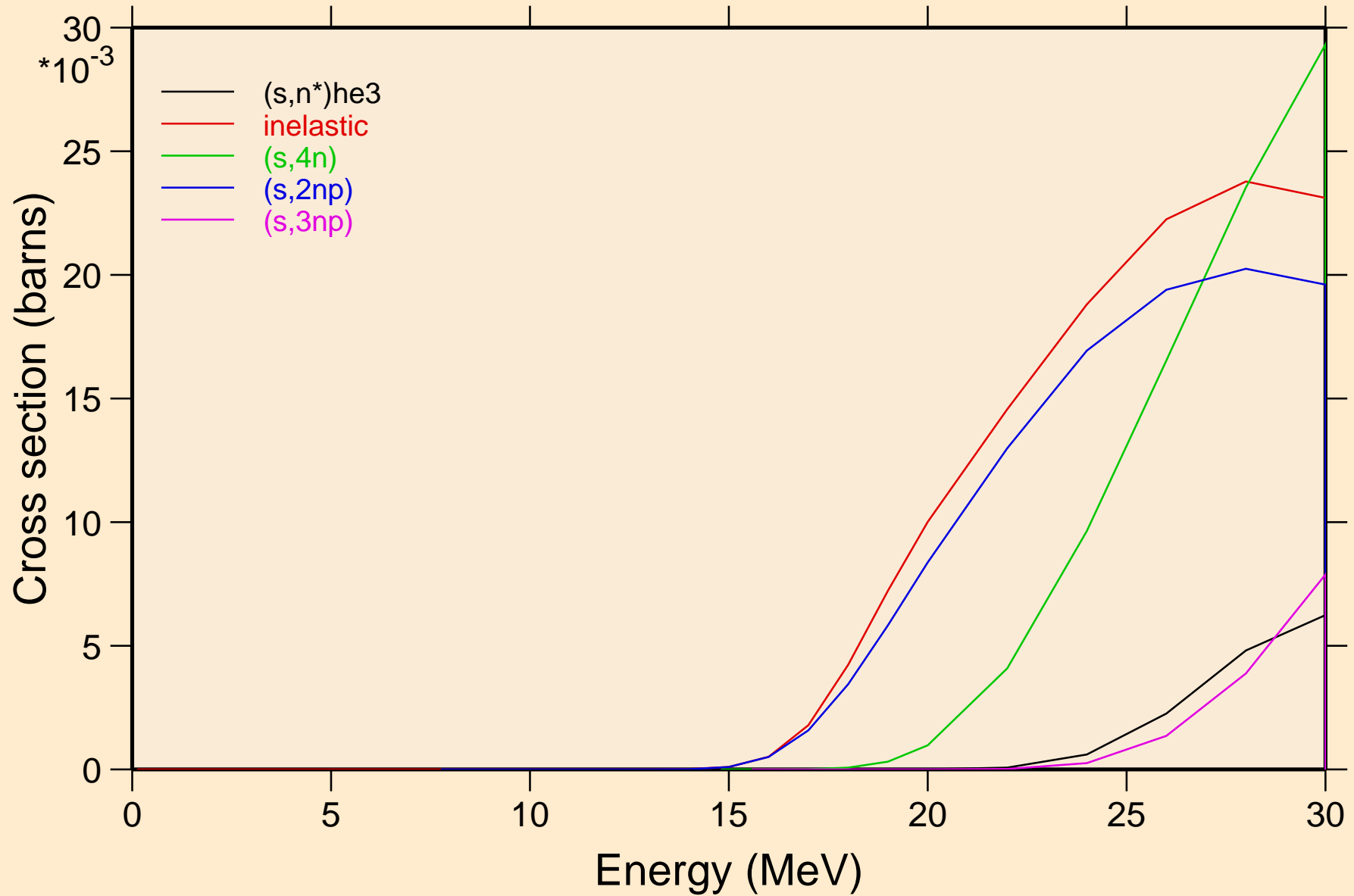
Threshold reactions



ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions

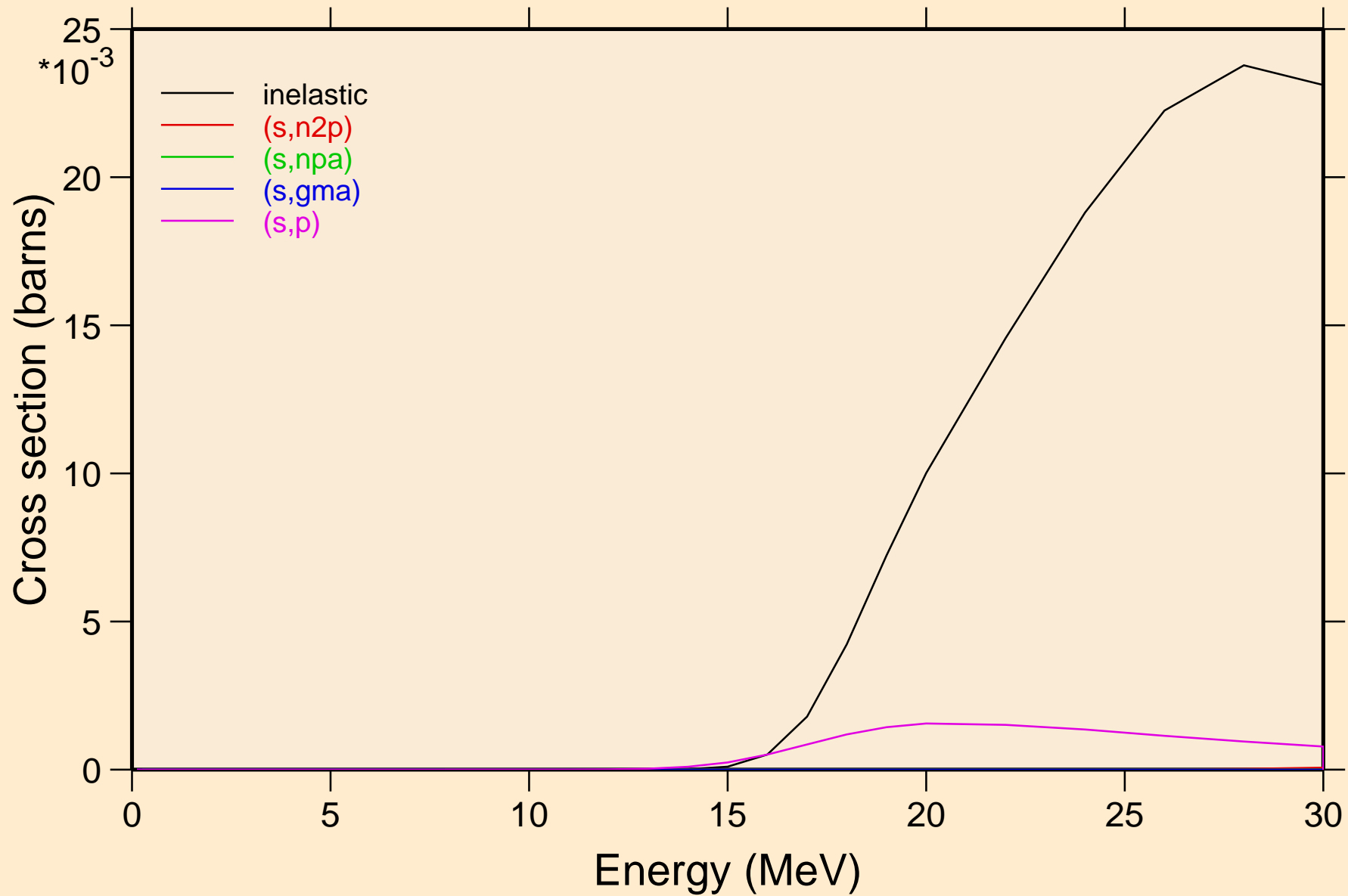


ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



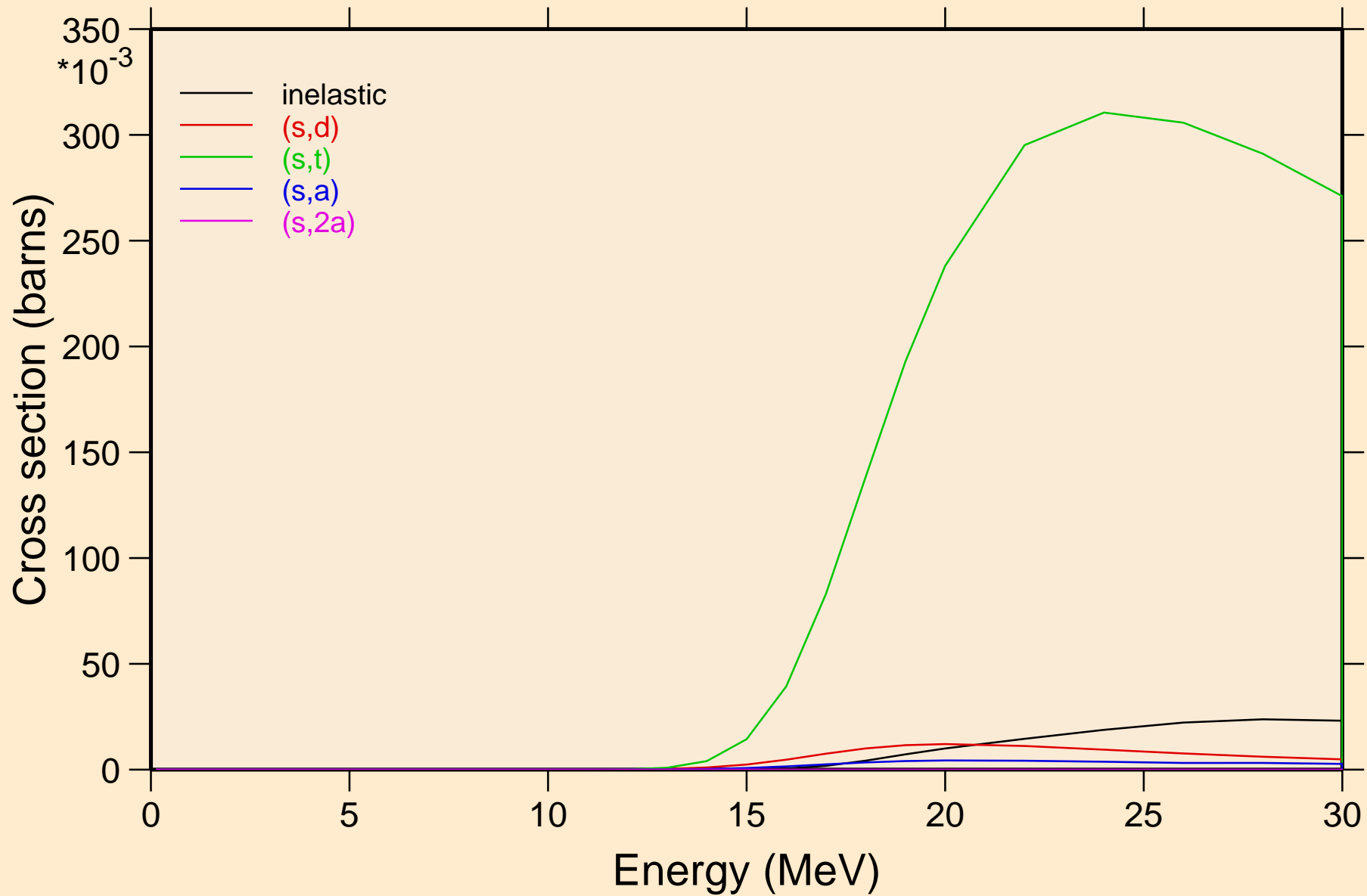
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

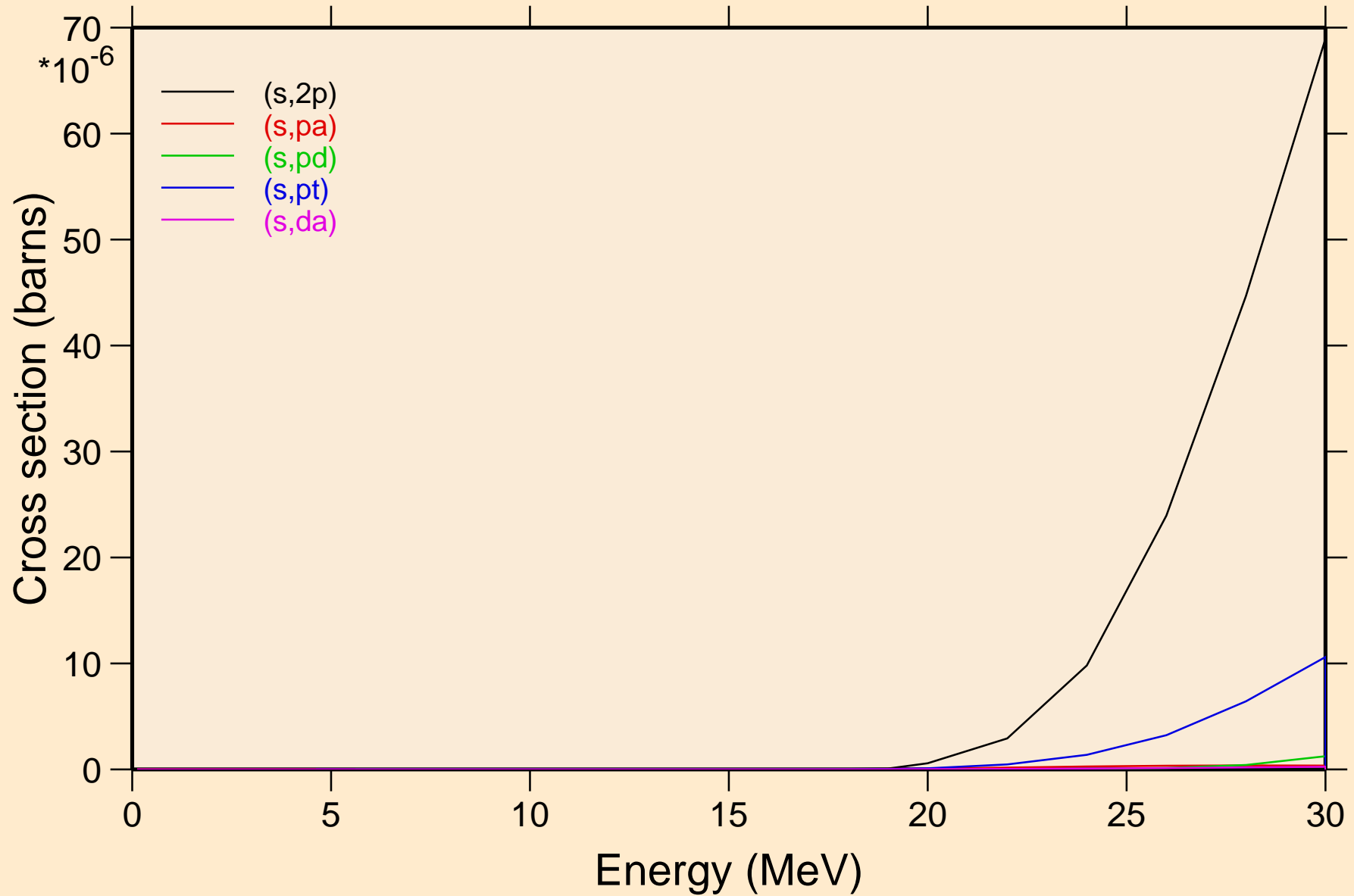


ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K

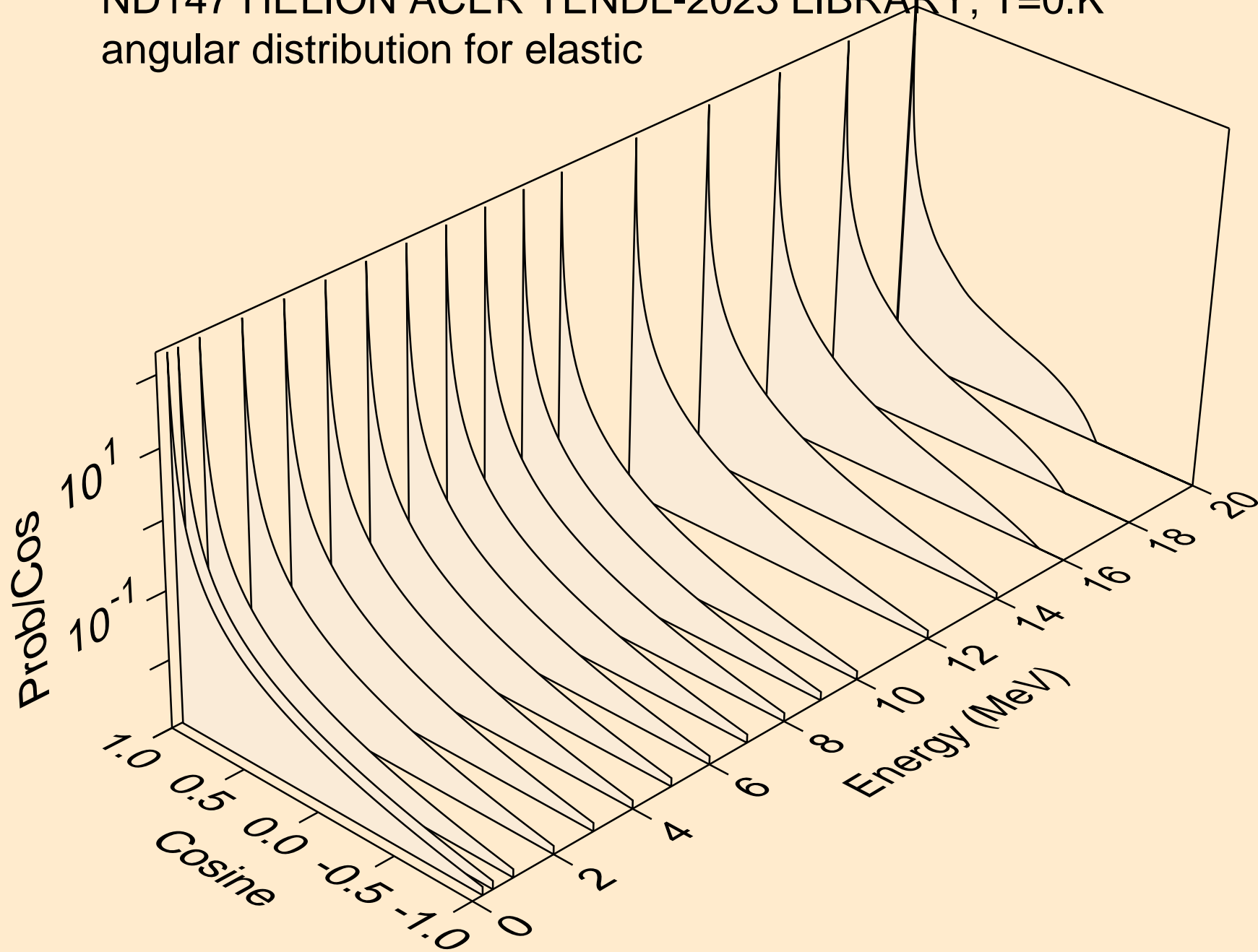
Threshold reactions



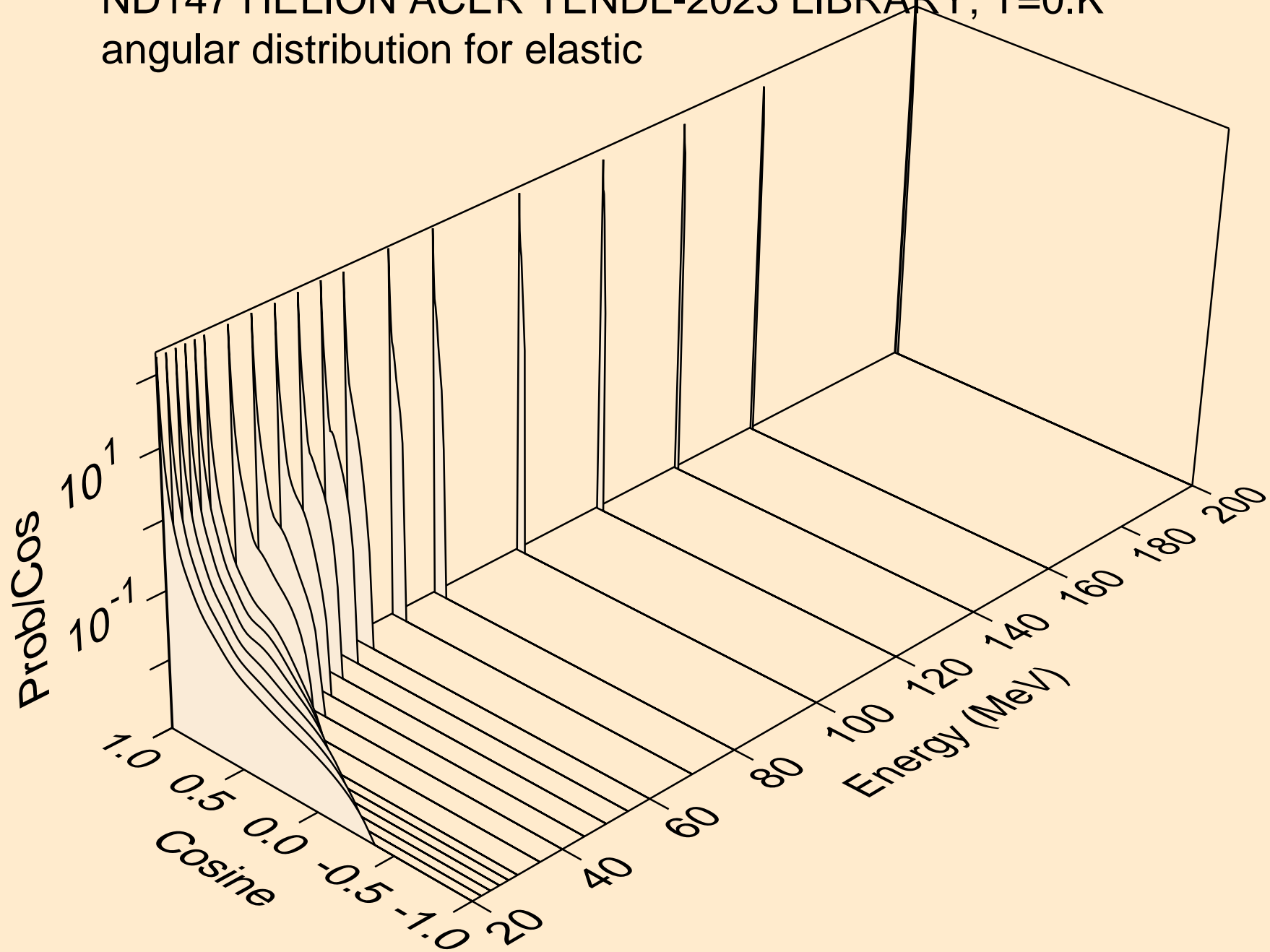
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



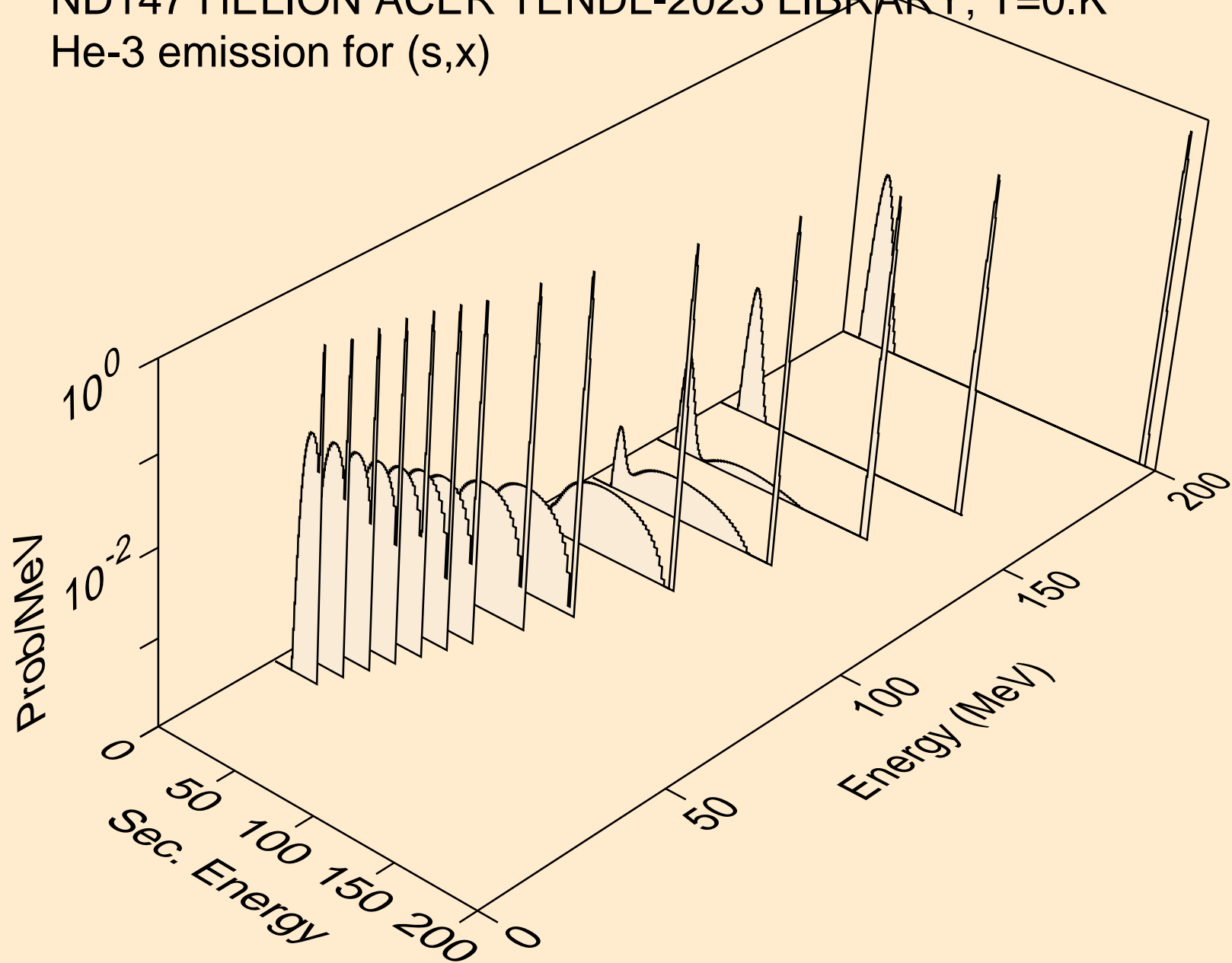
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



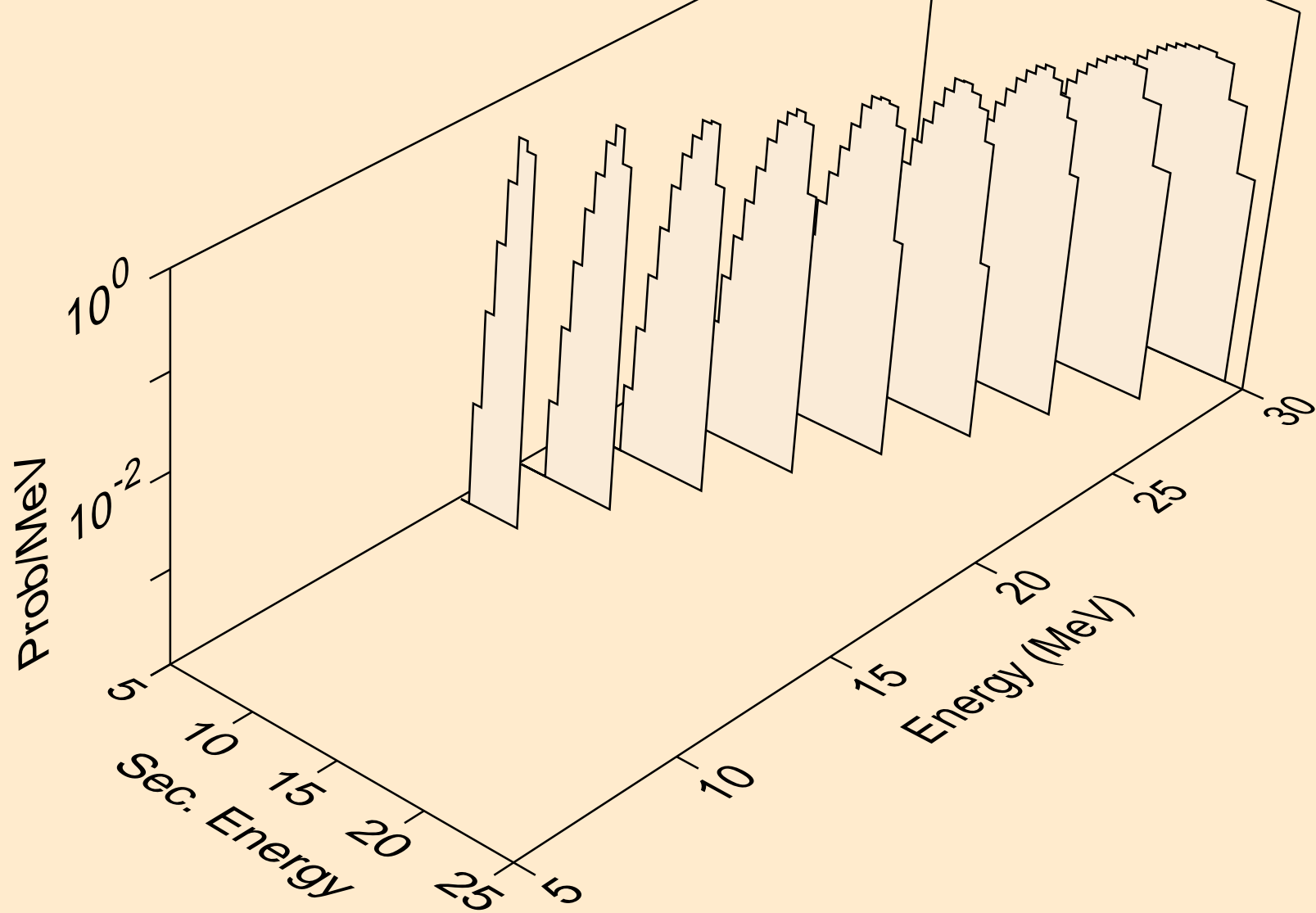
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



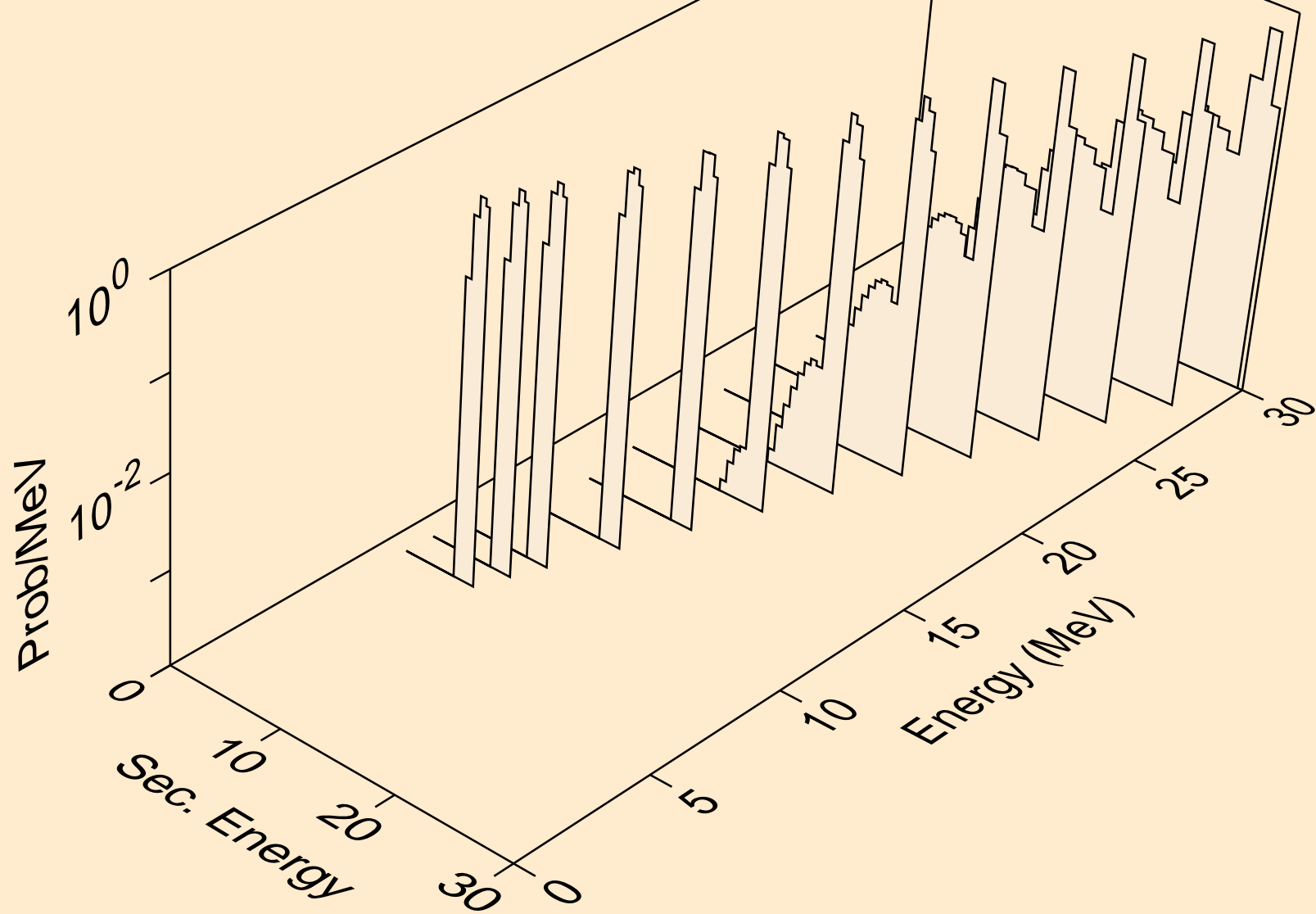
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
He-3 emission for (s,x)



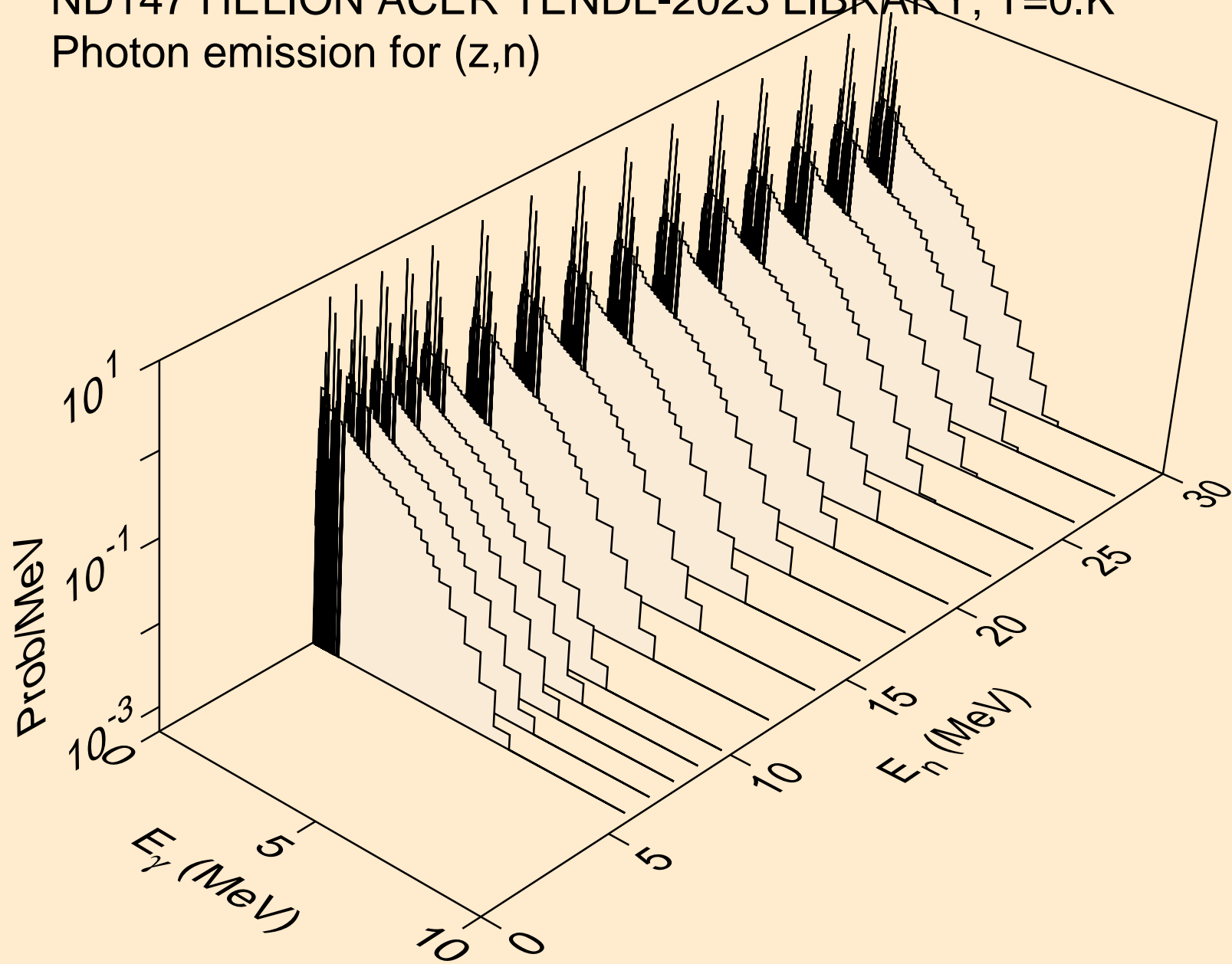
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
He-3 emission for (s,n*)he3



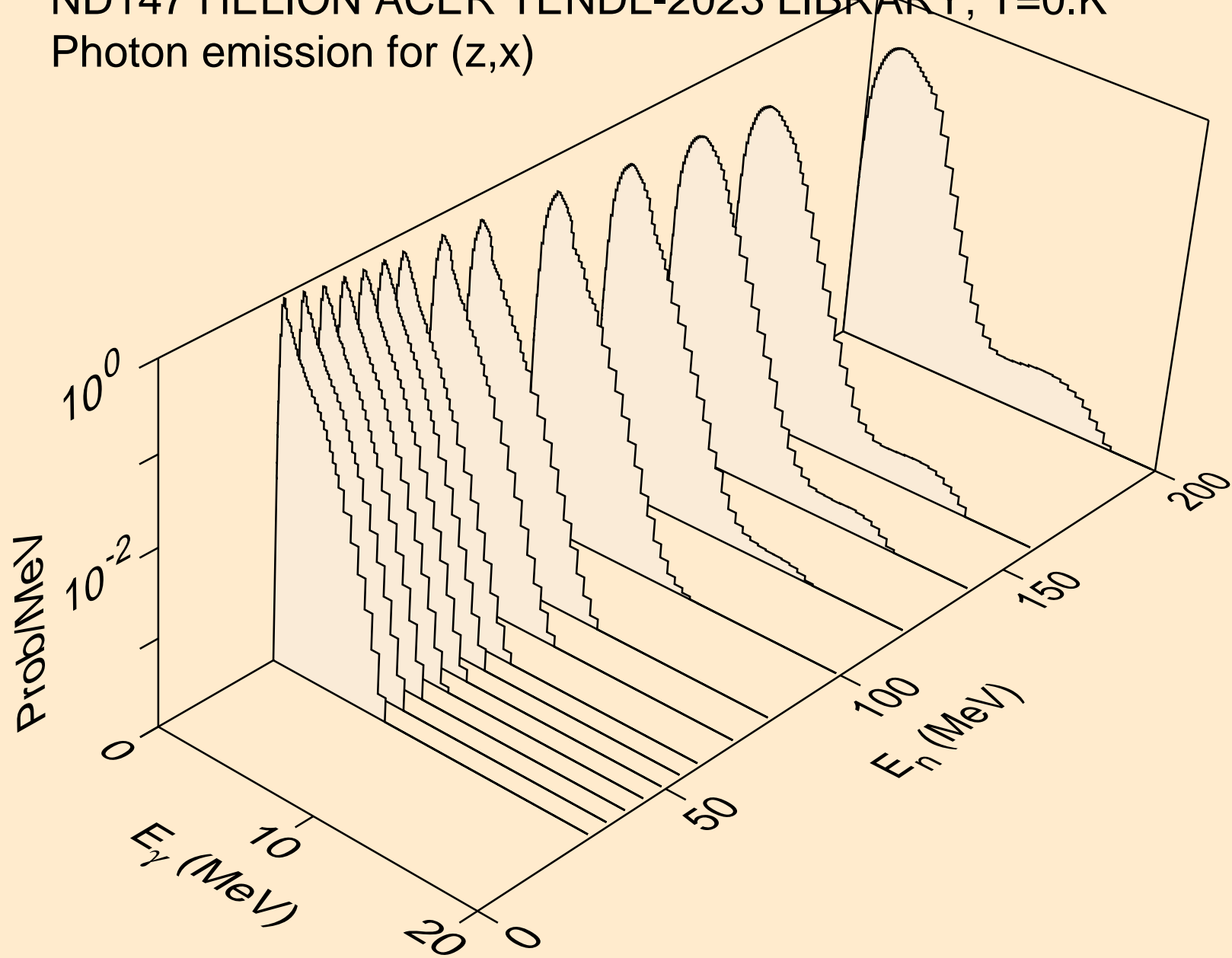
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
He-3 emission for inelastic



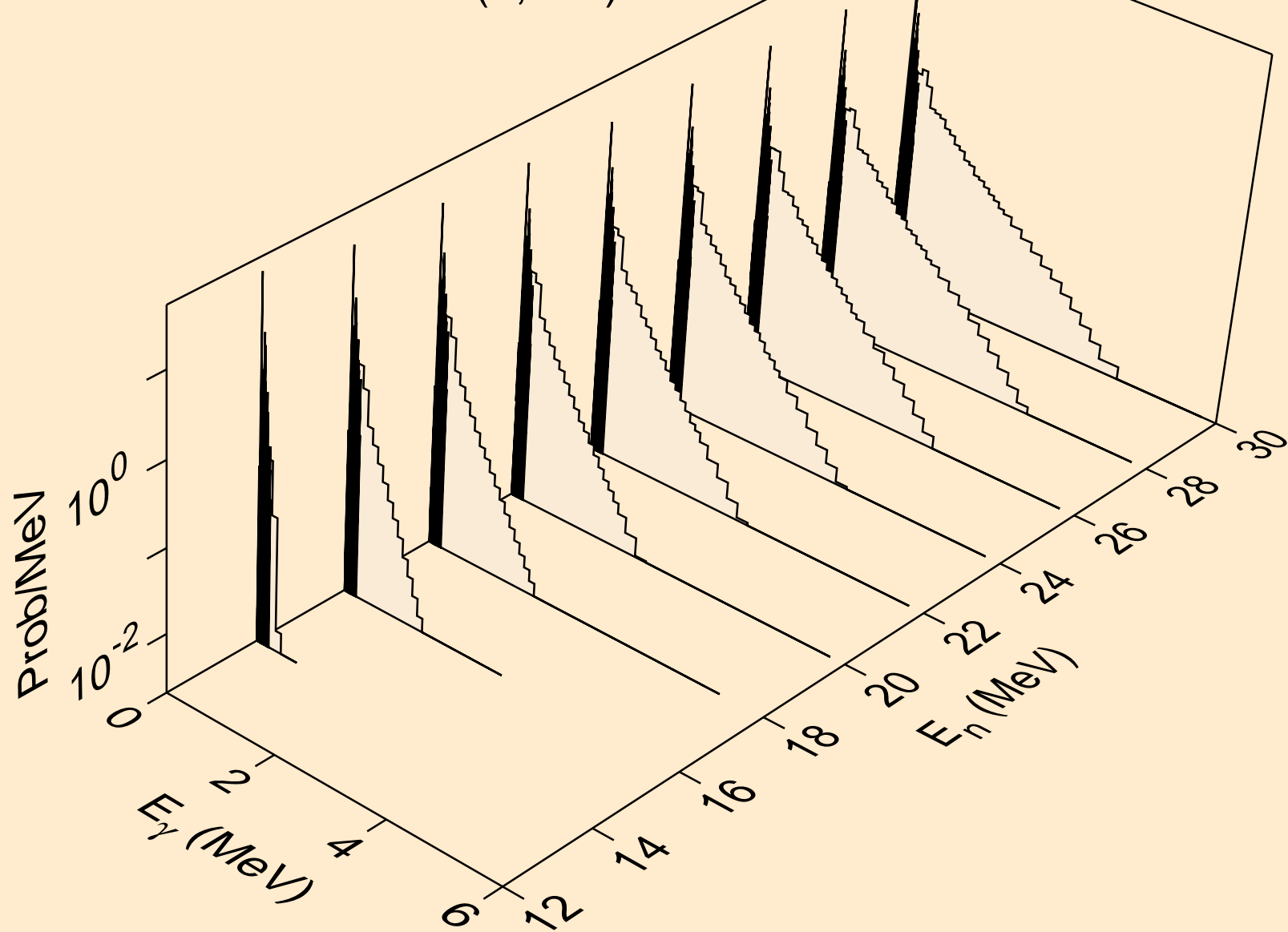
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (z,n)



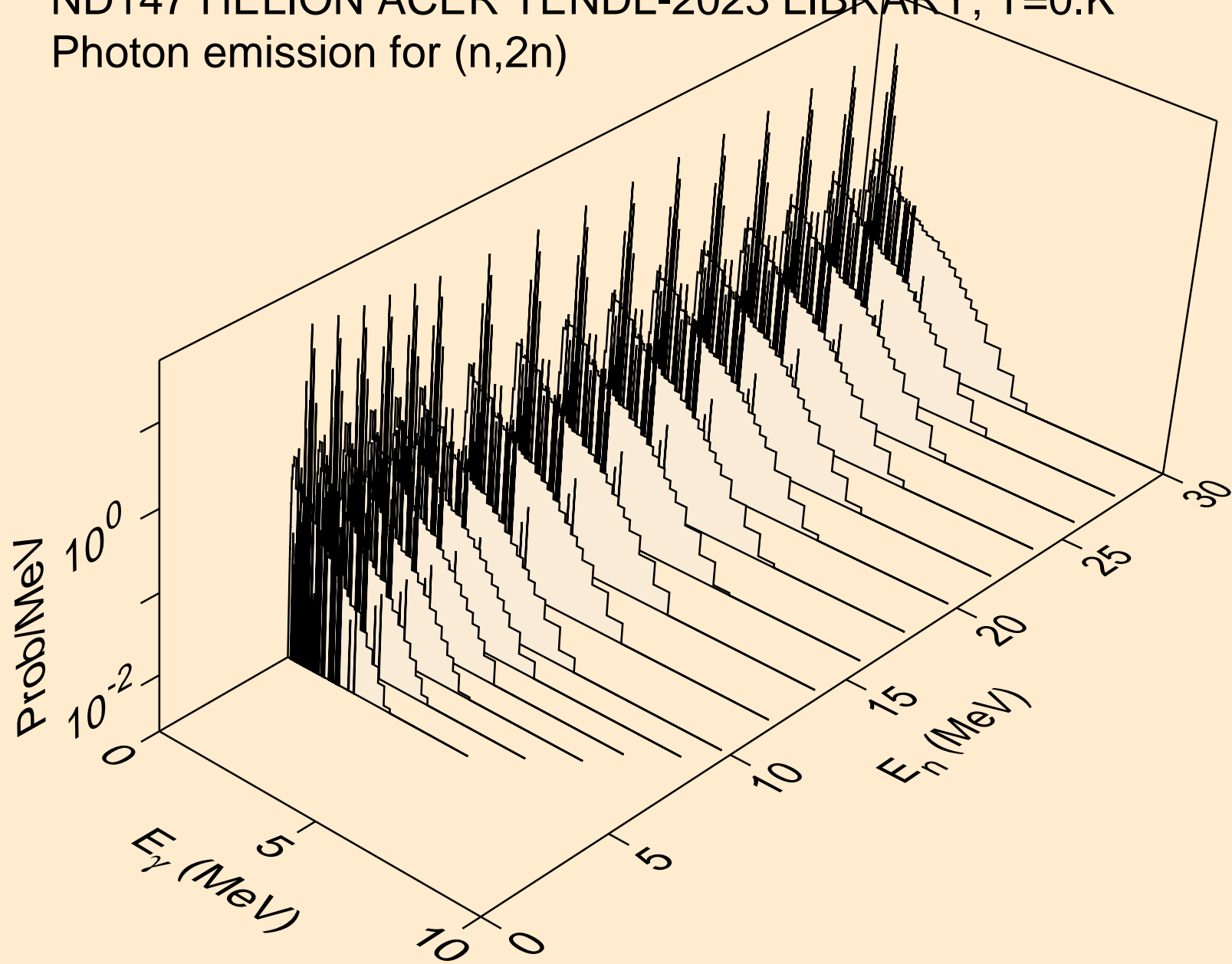
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (z,x)



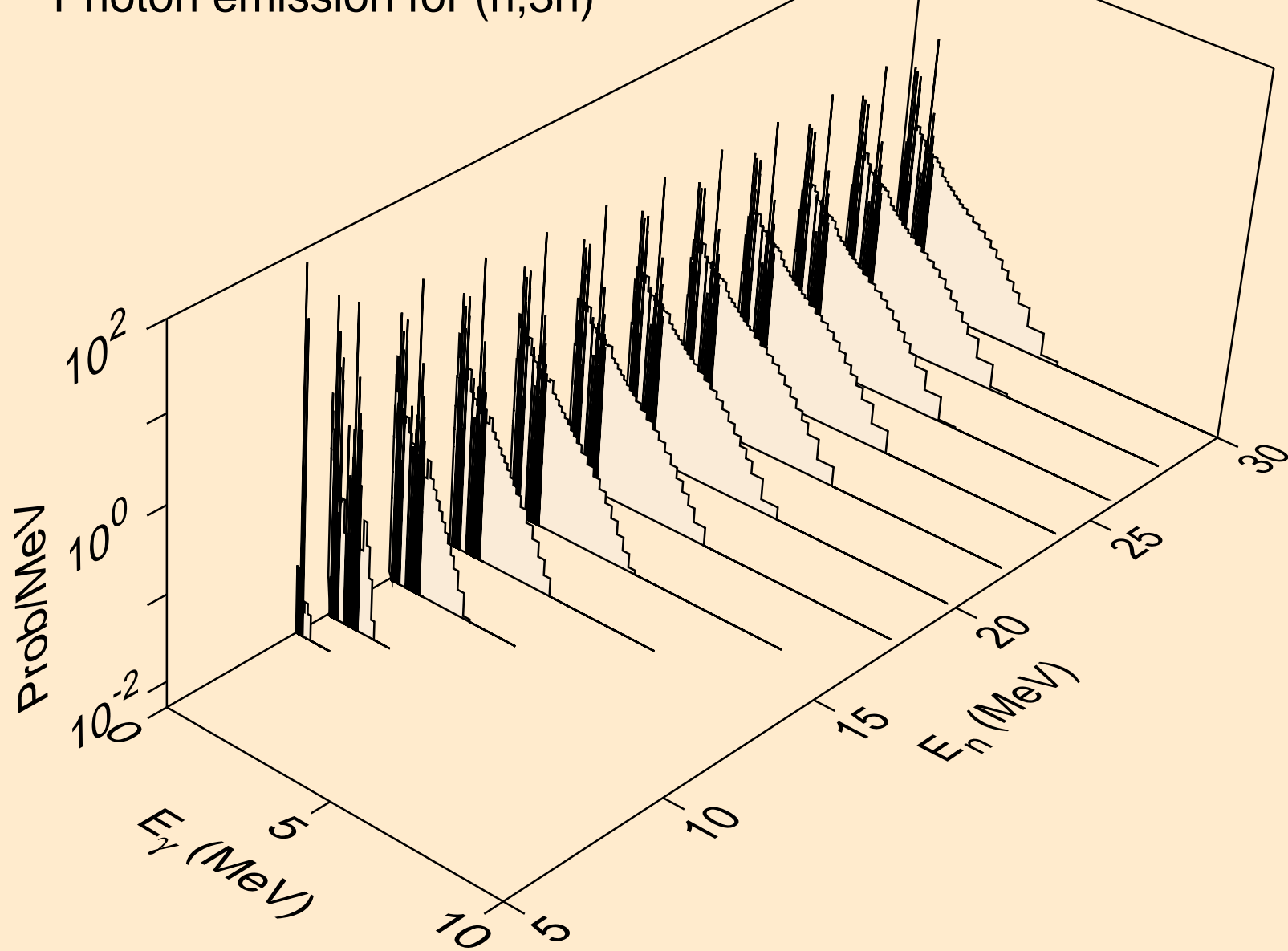
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2nd)



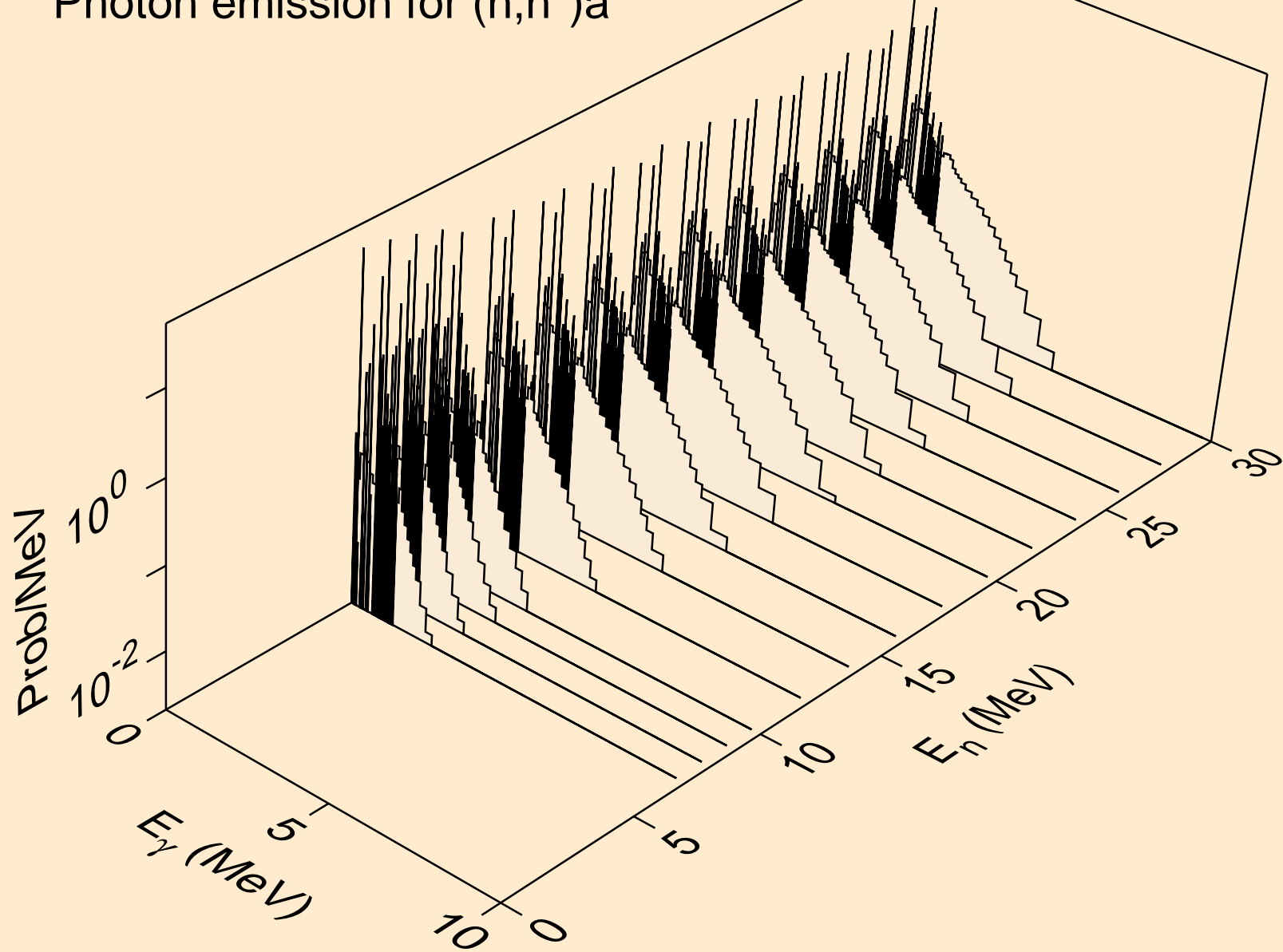
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)



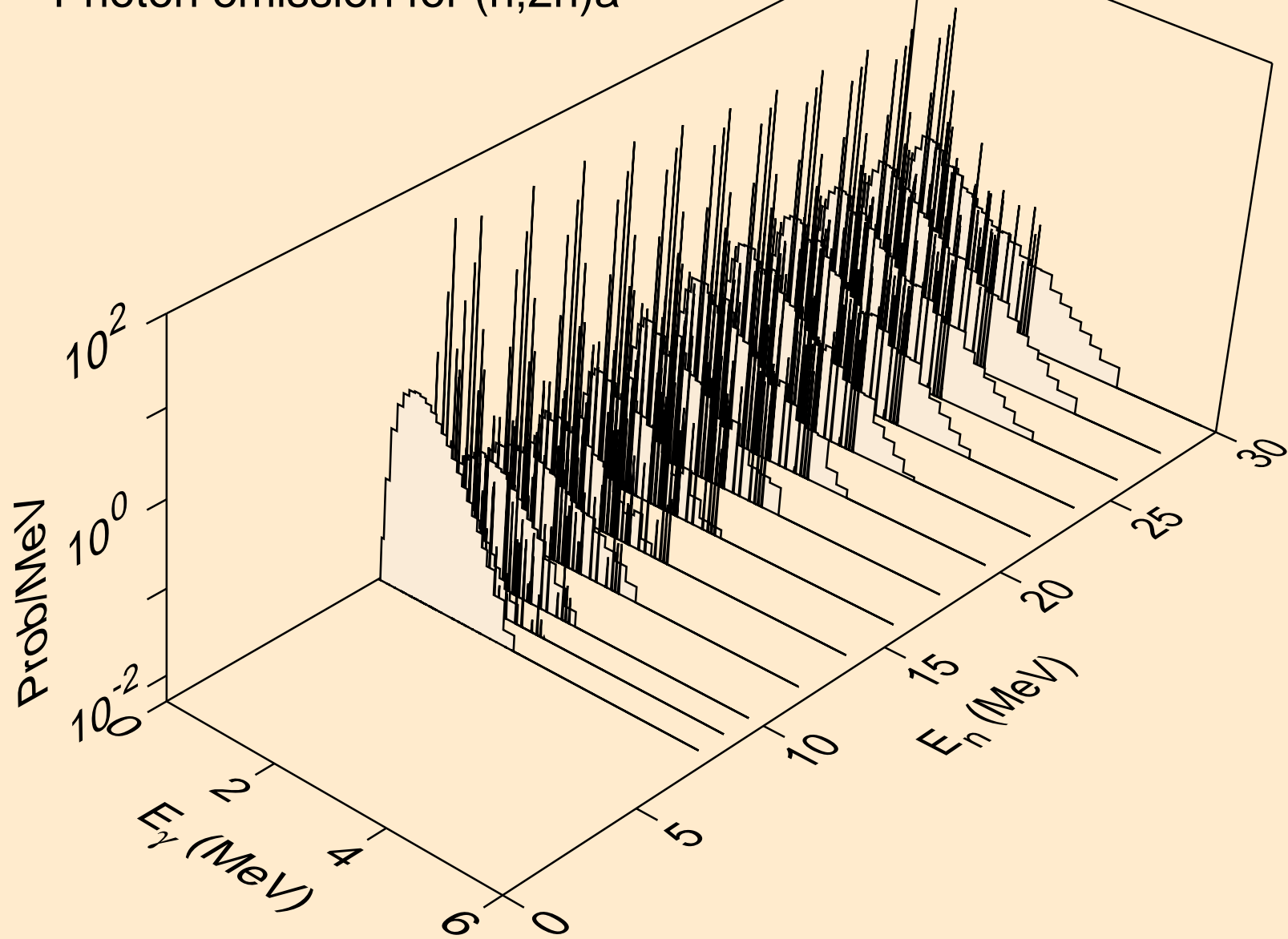
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)



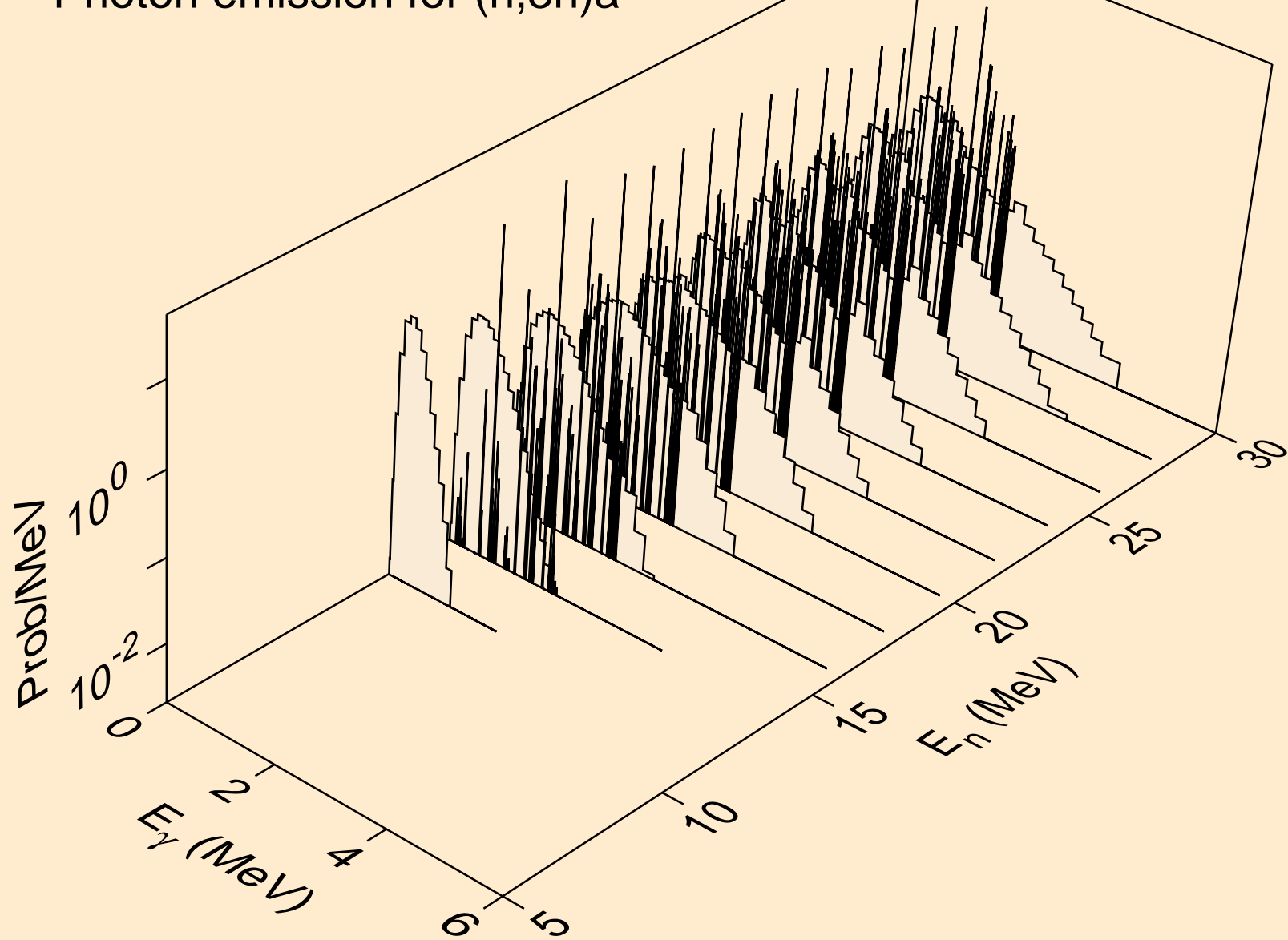
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)a



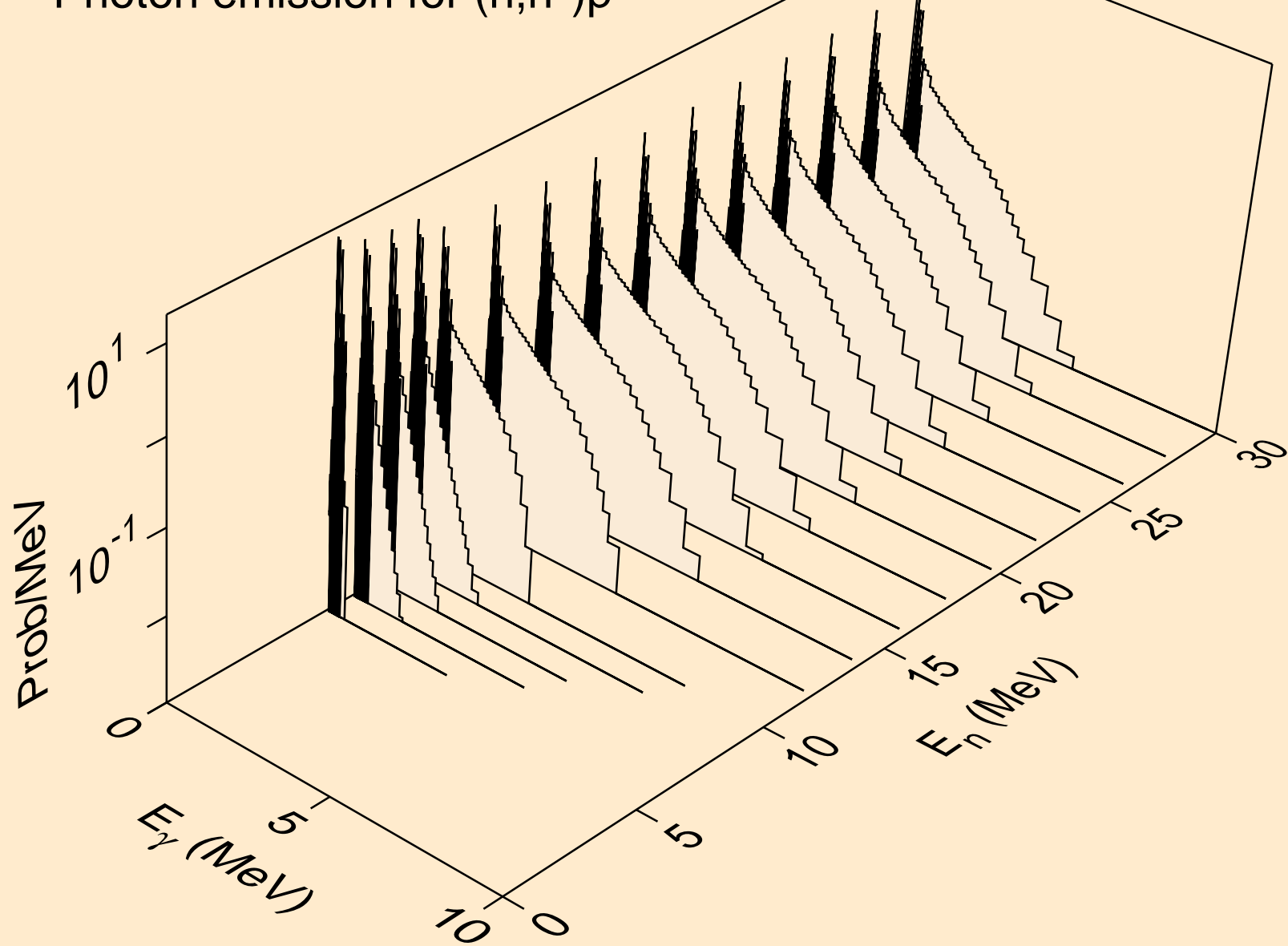
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)a



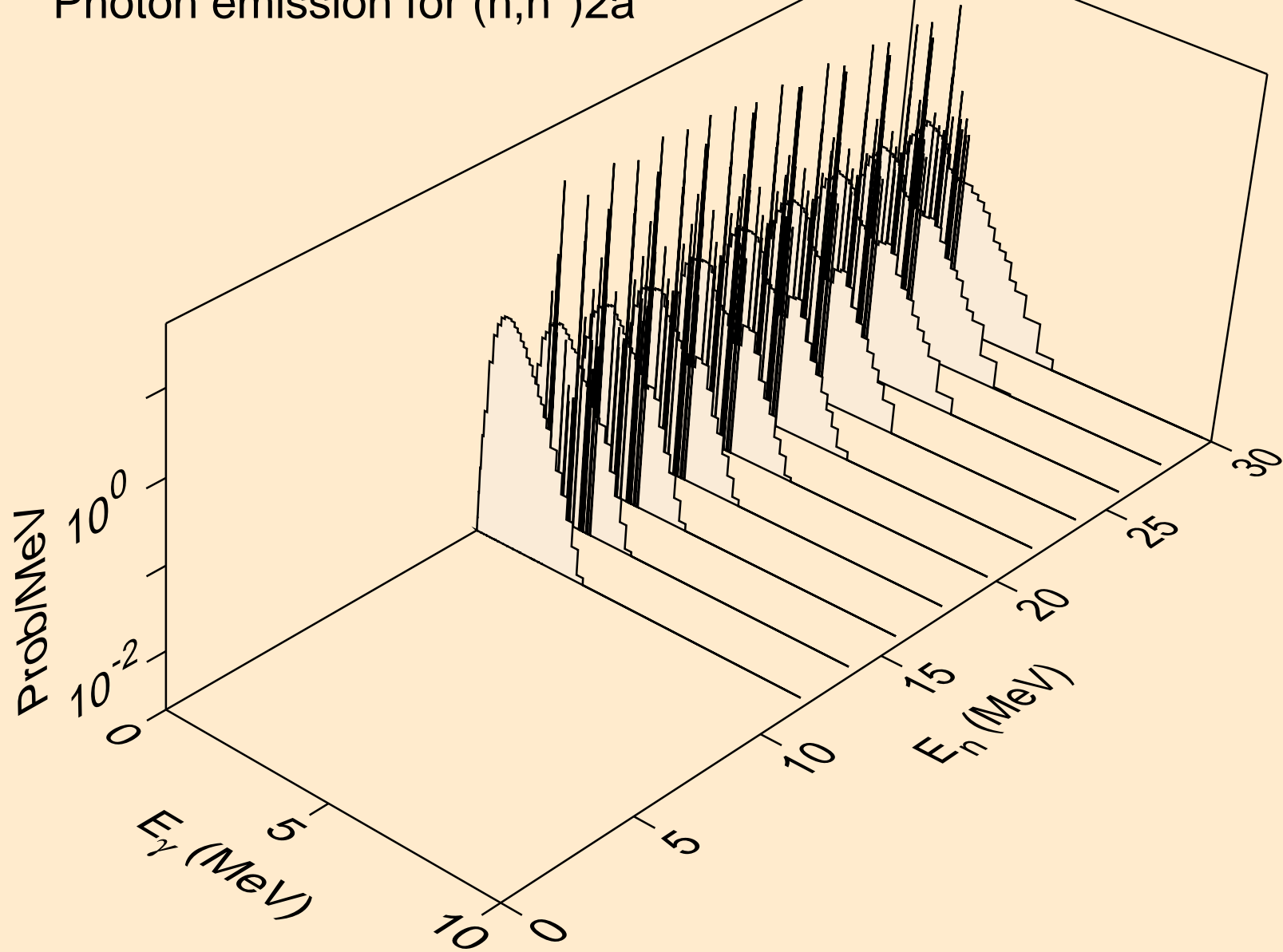
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)a



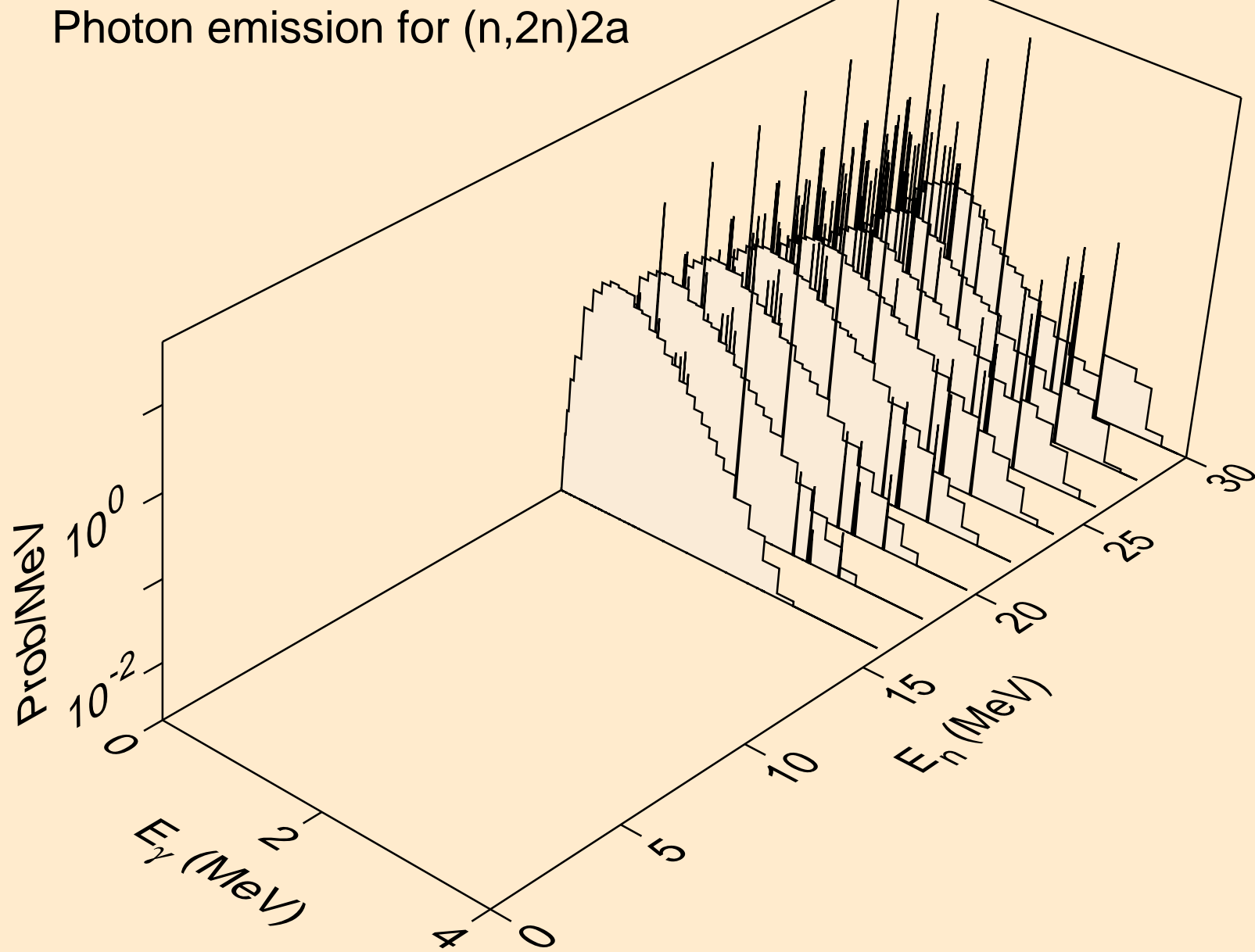
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)p



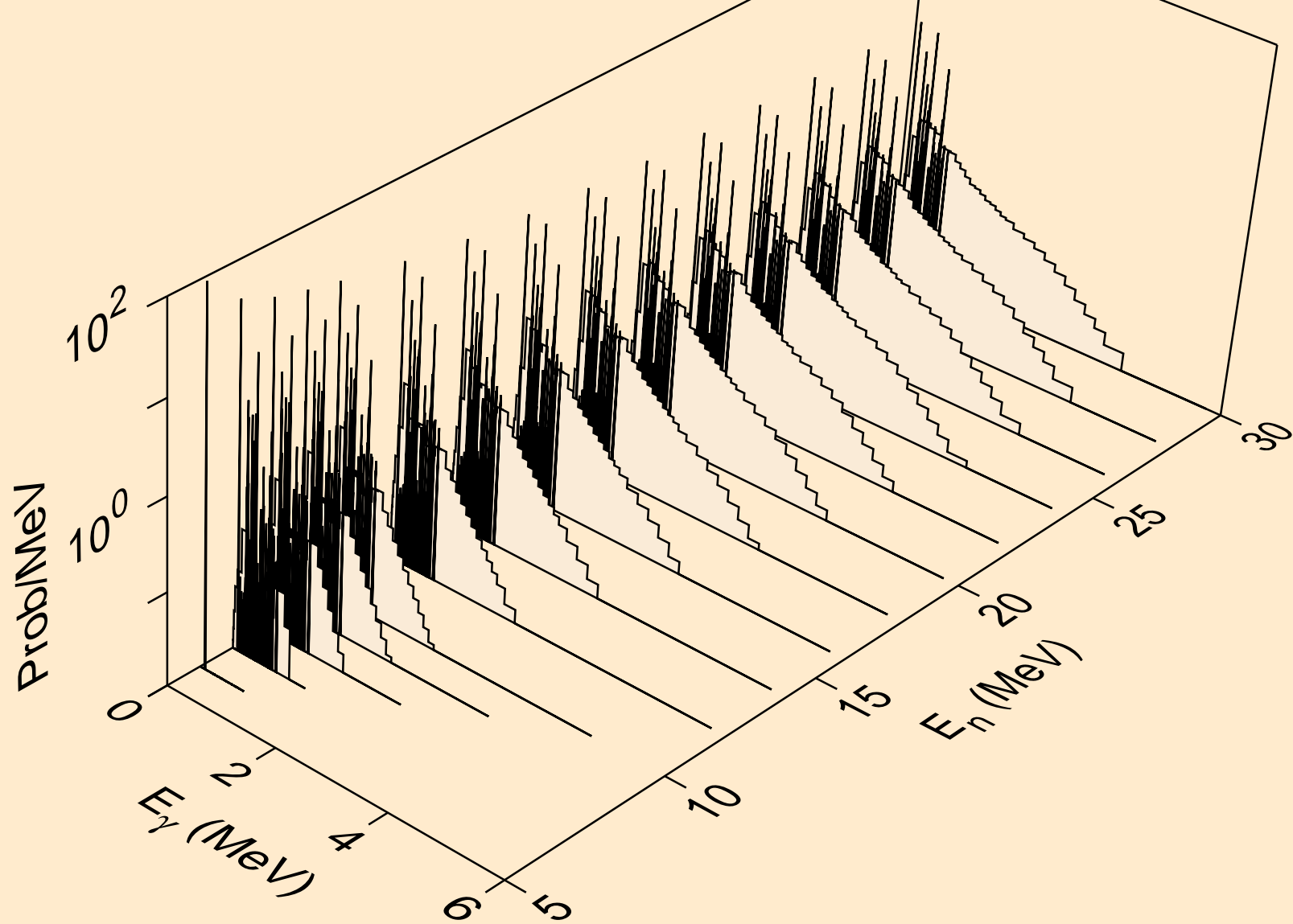
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)2a



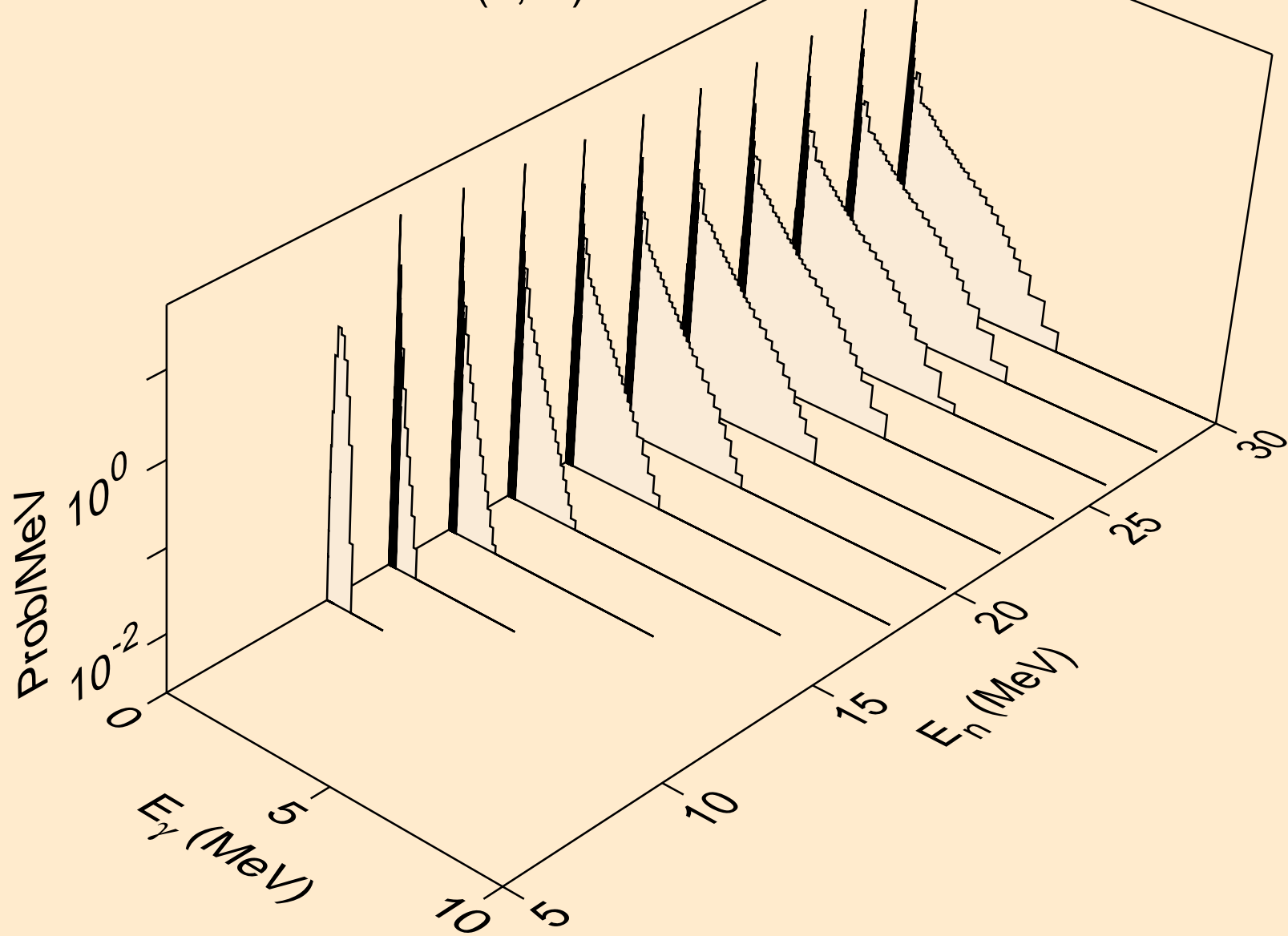
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)2a



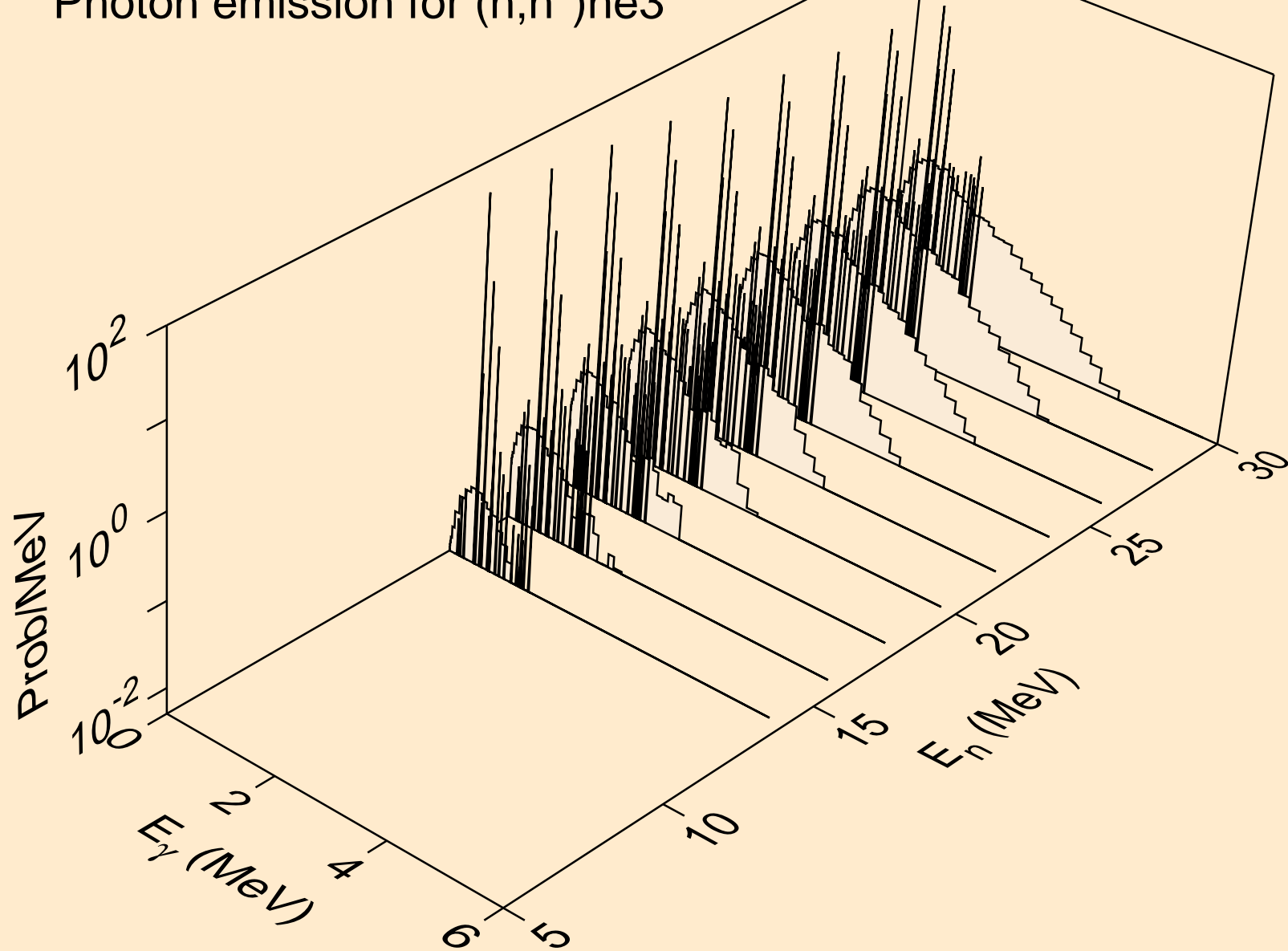
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)d



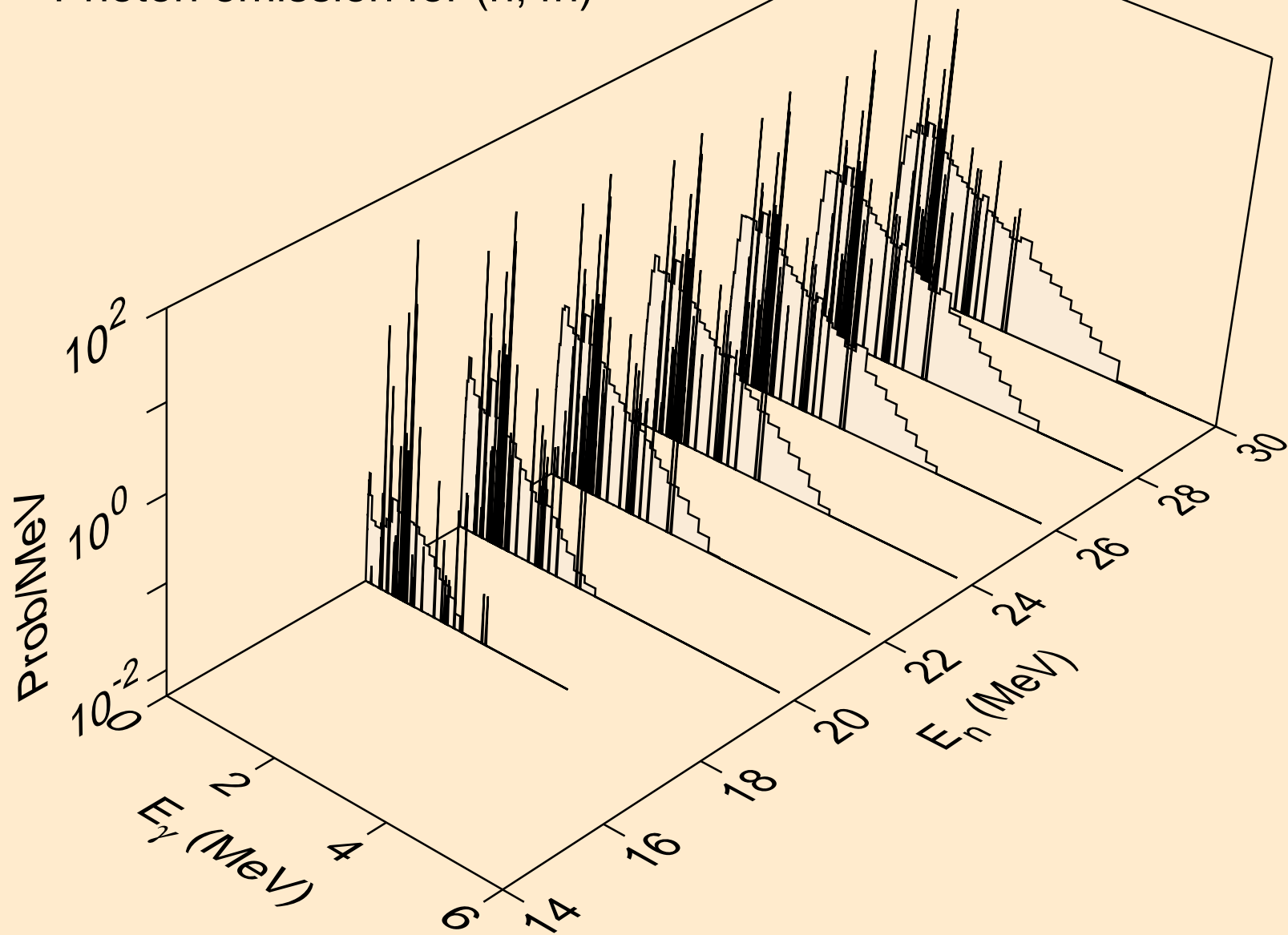
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)t



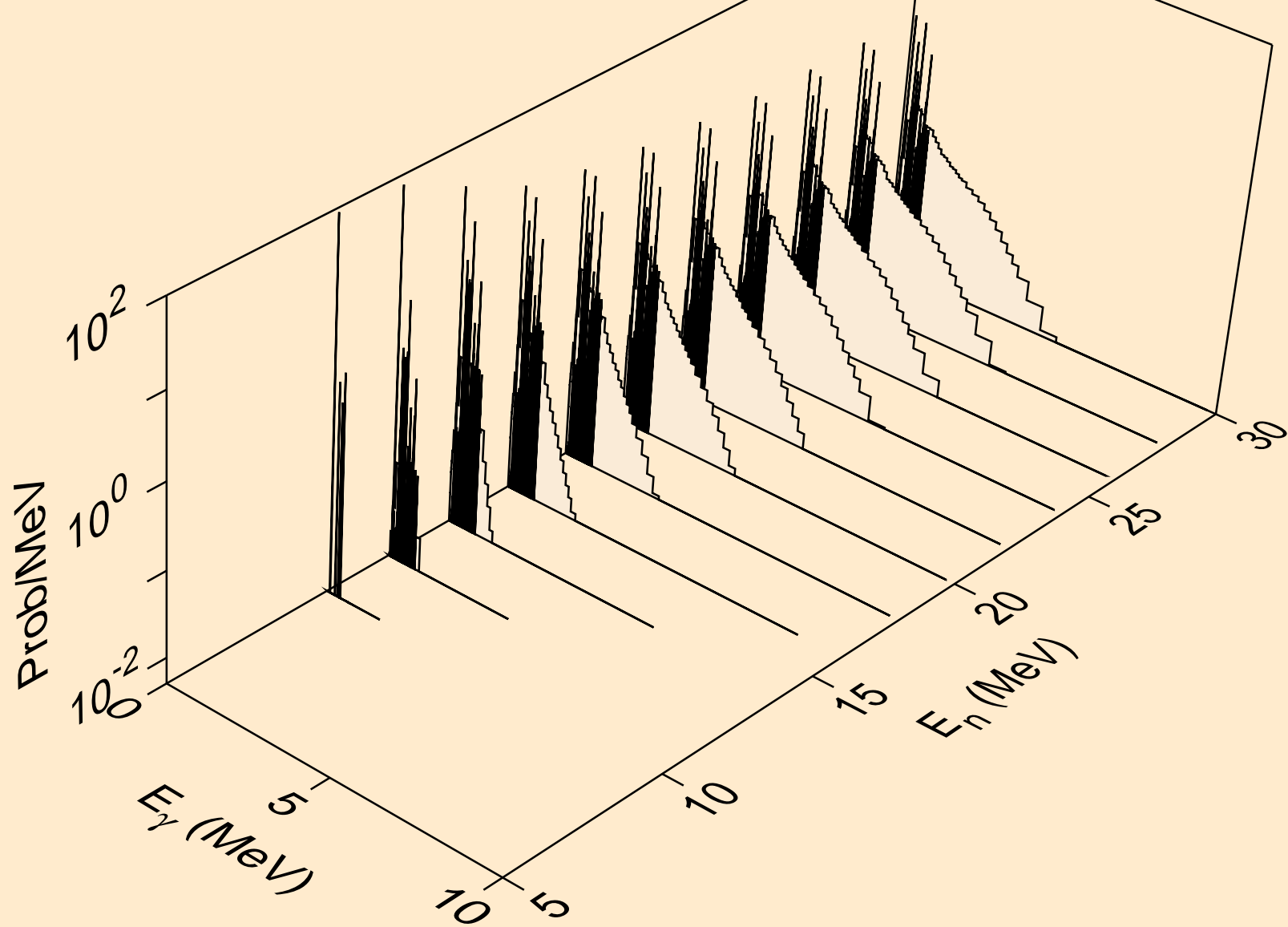
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)he3



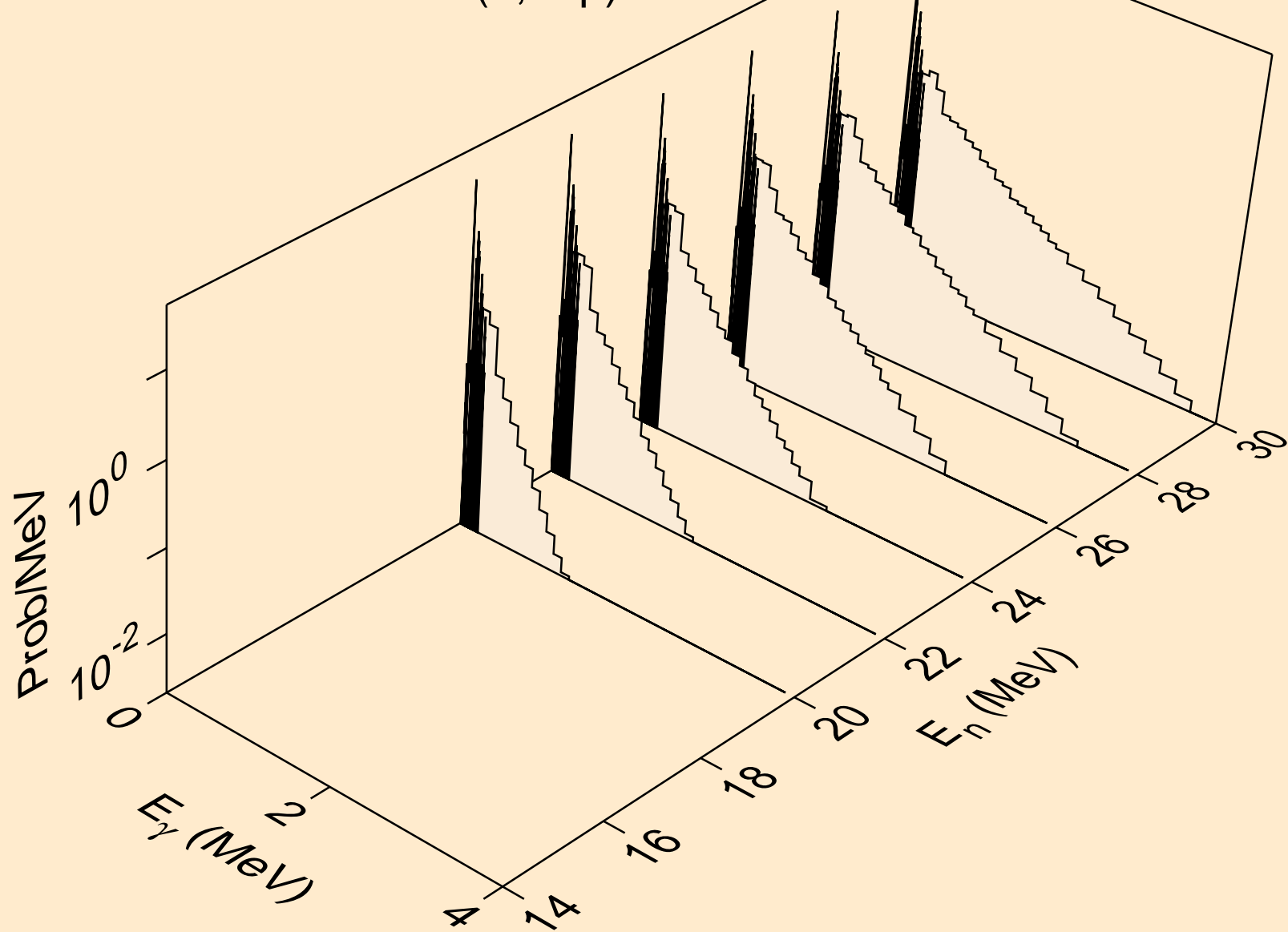
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,4n)



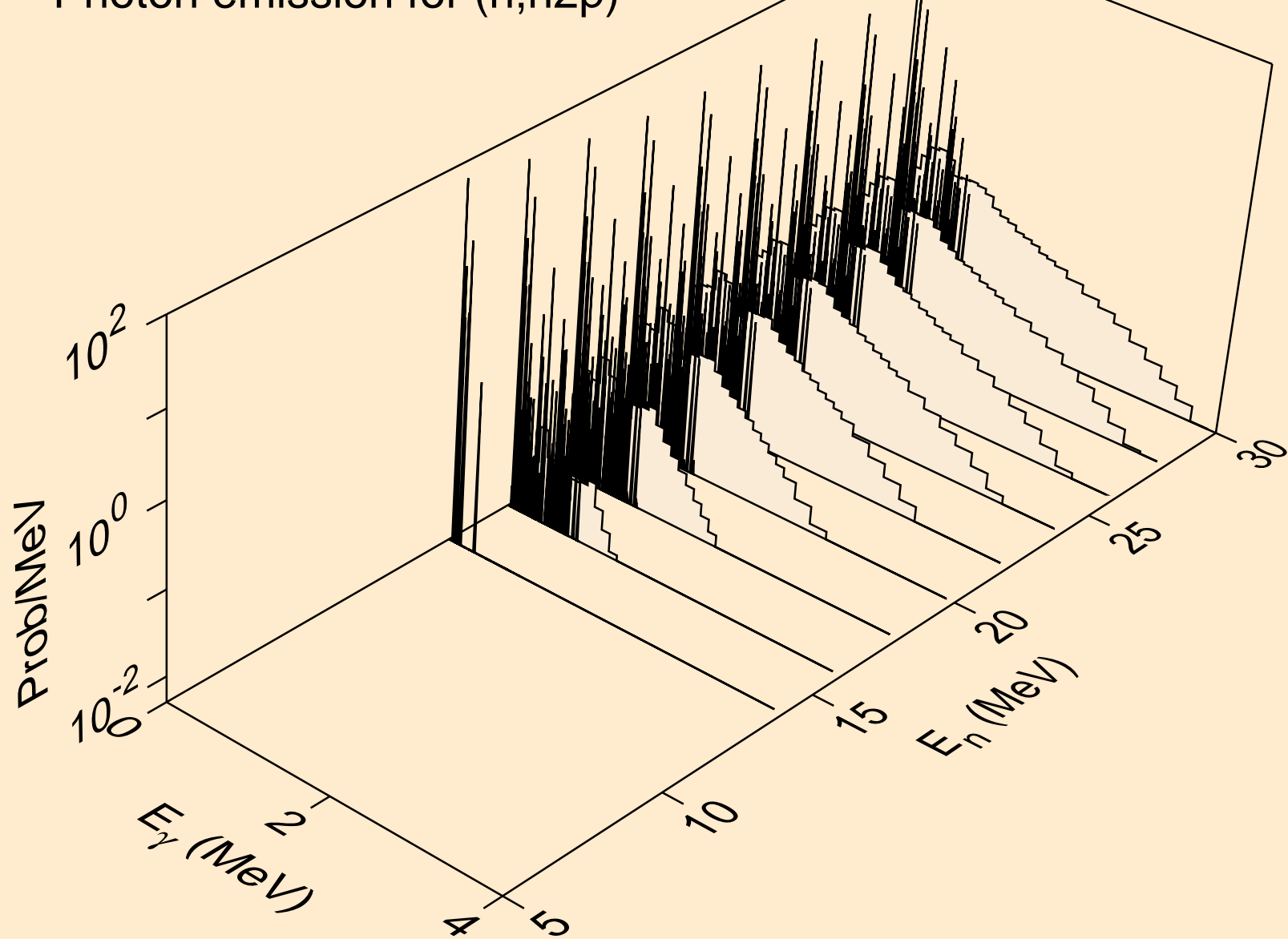
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2np)



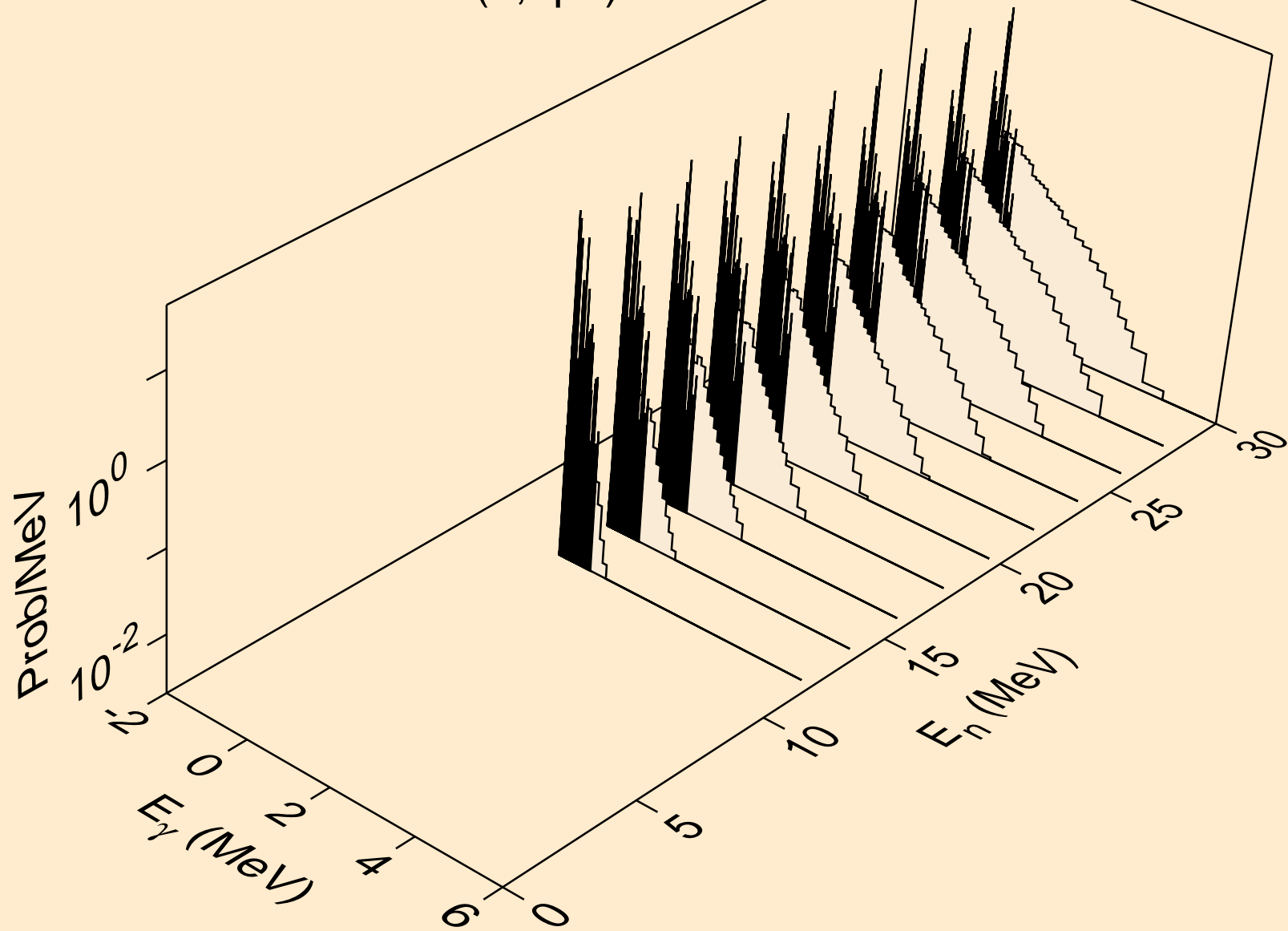
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3np)



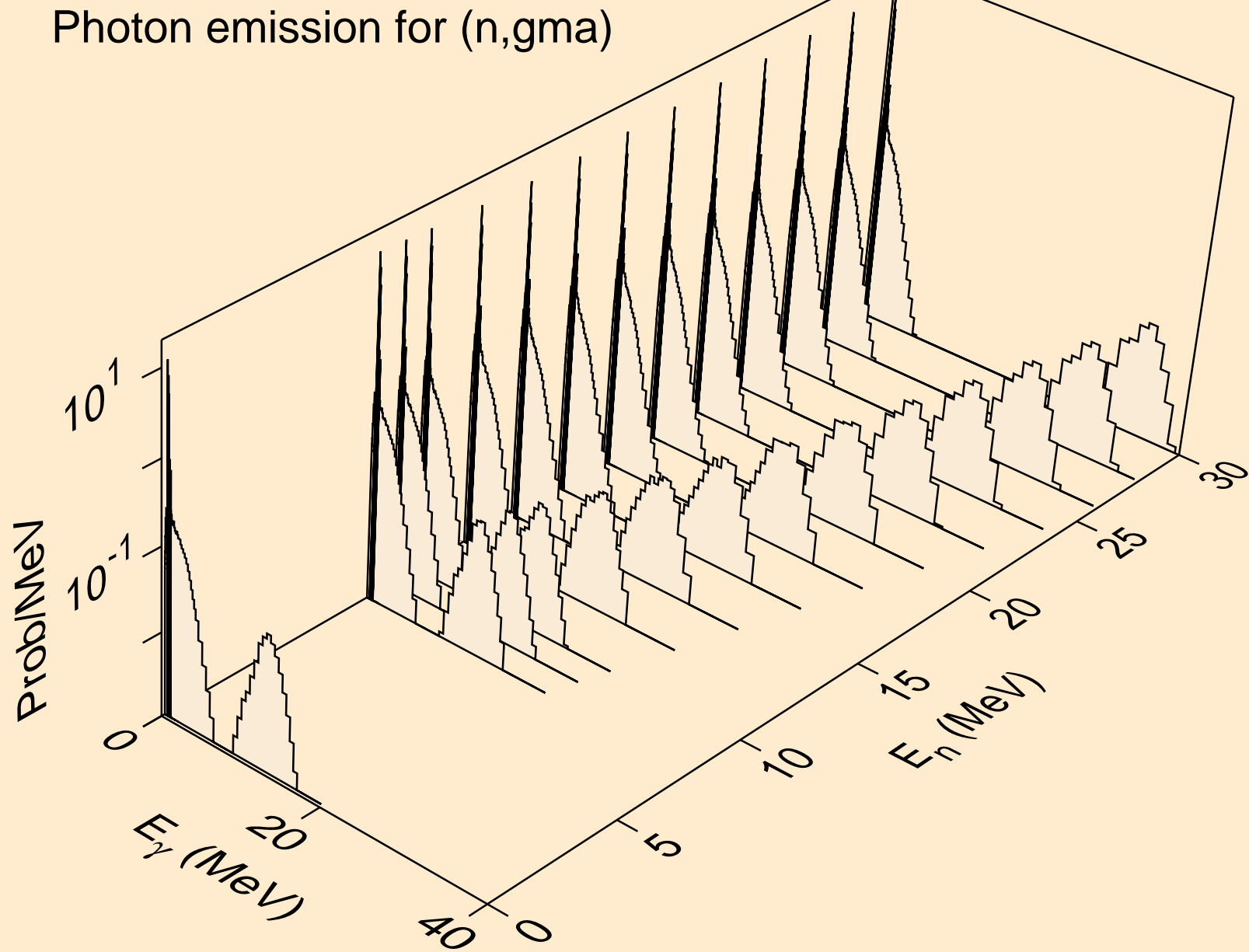
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n2p)



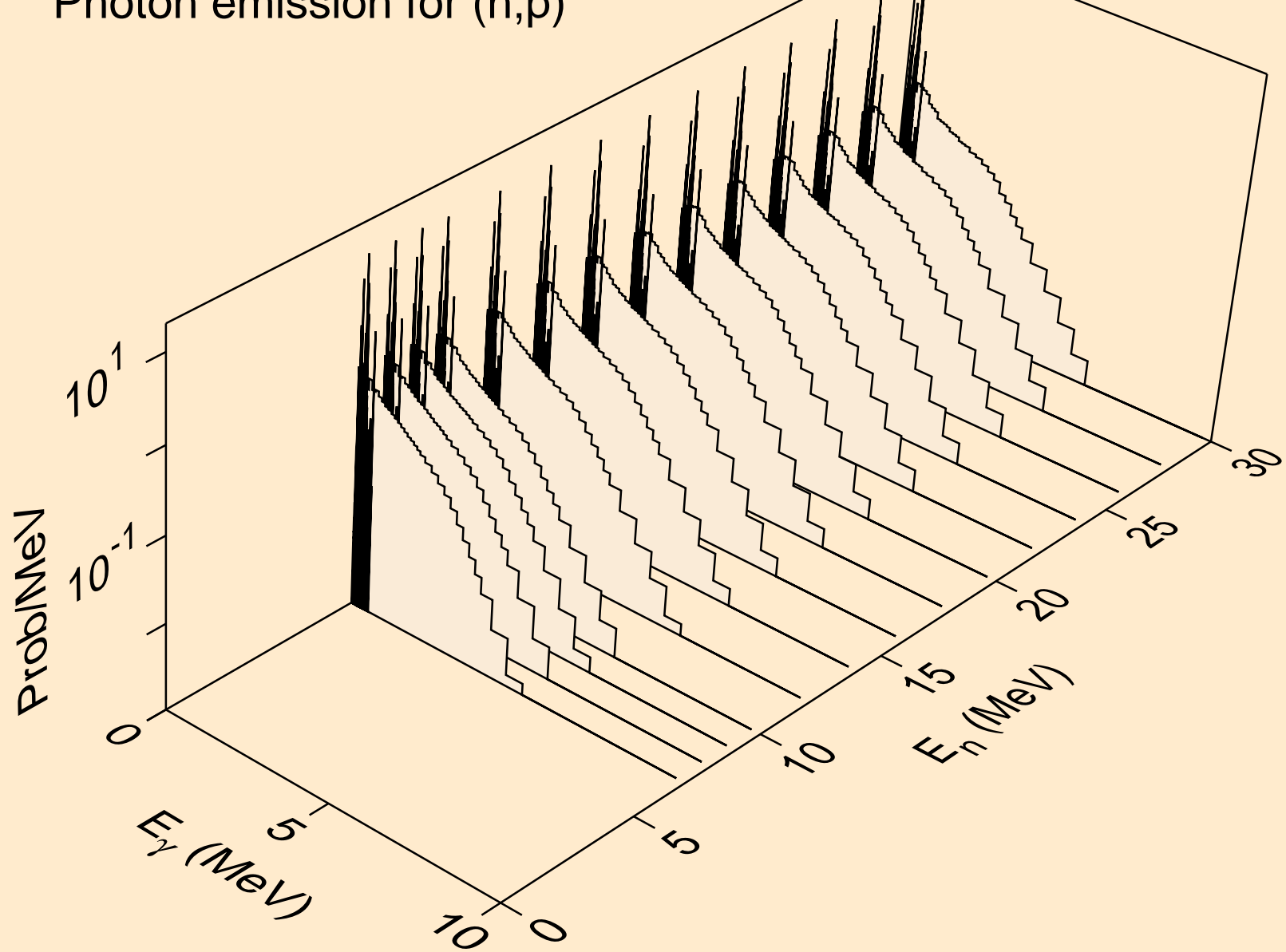
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,npa)



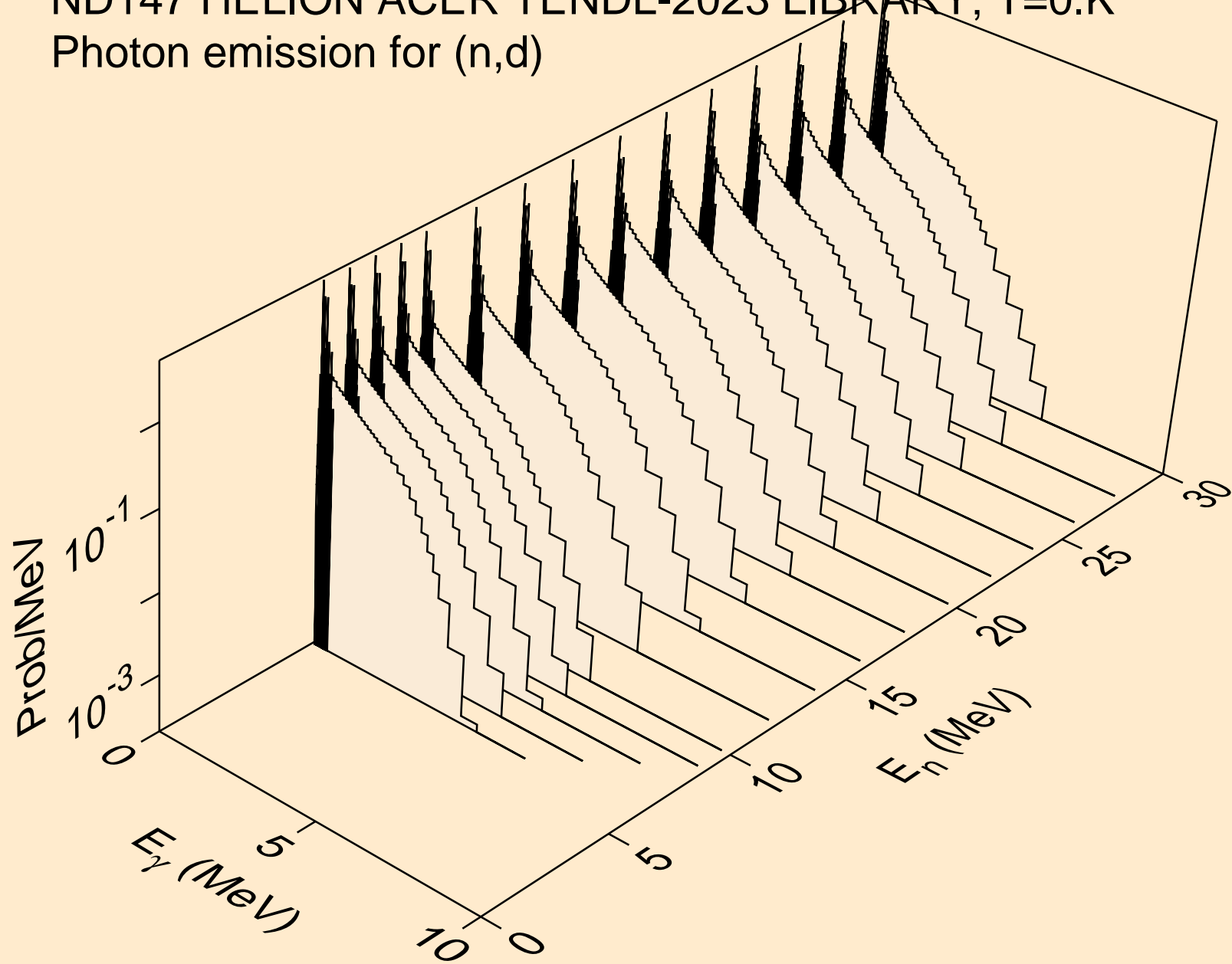
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



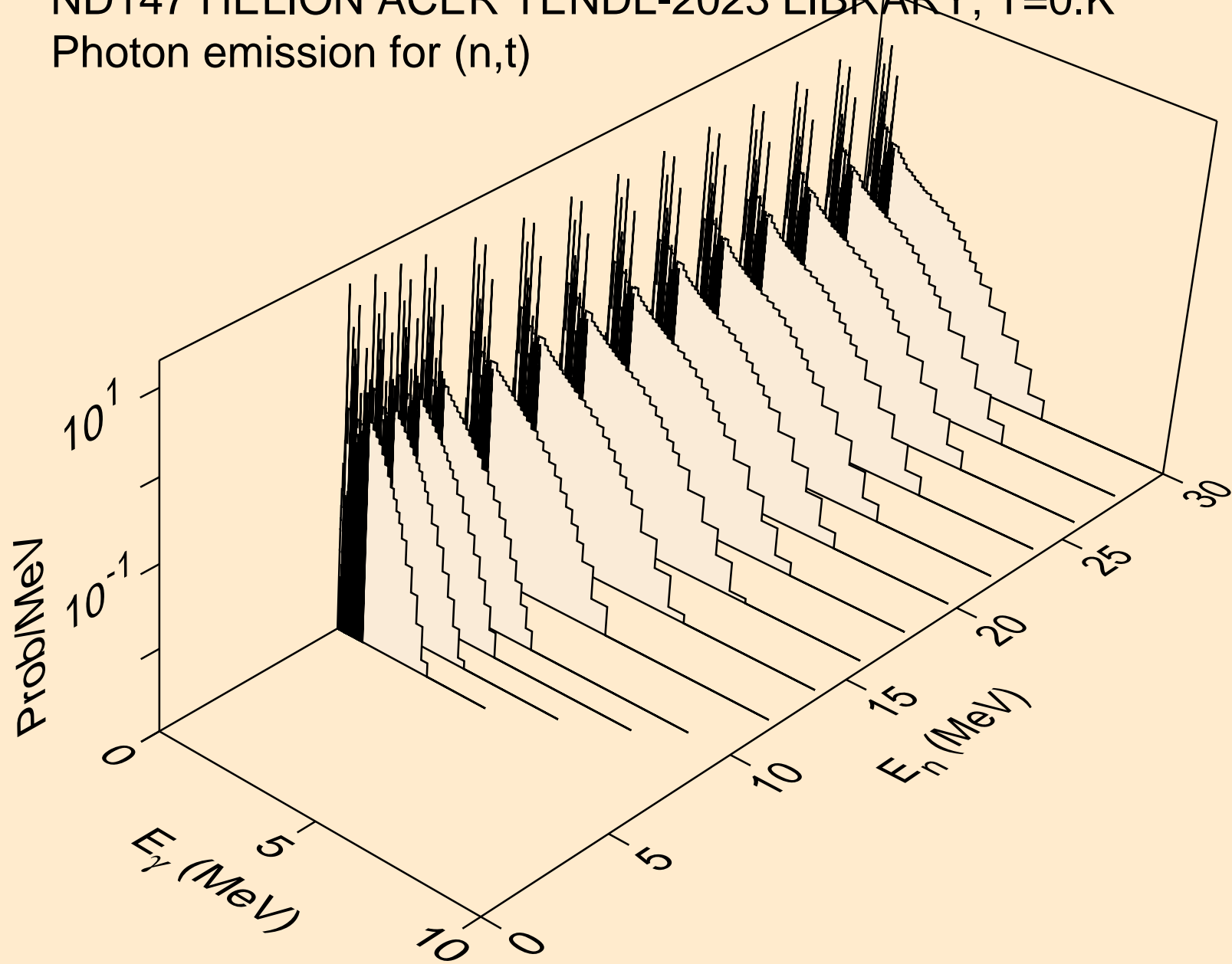
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p)



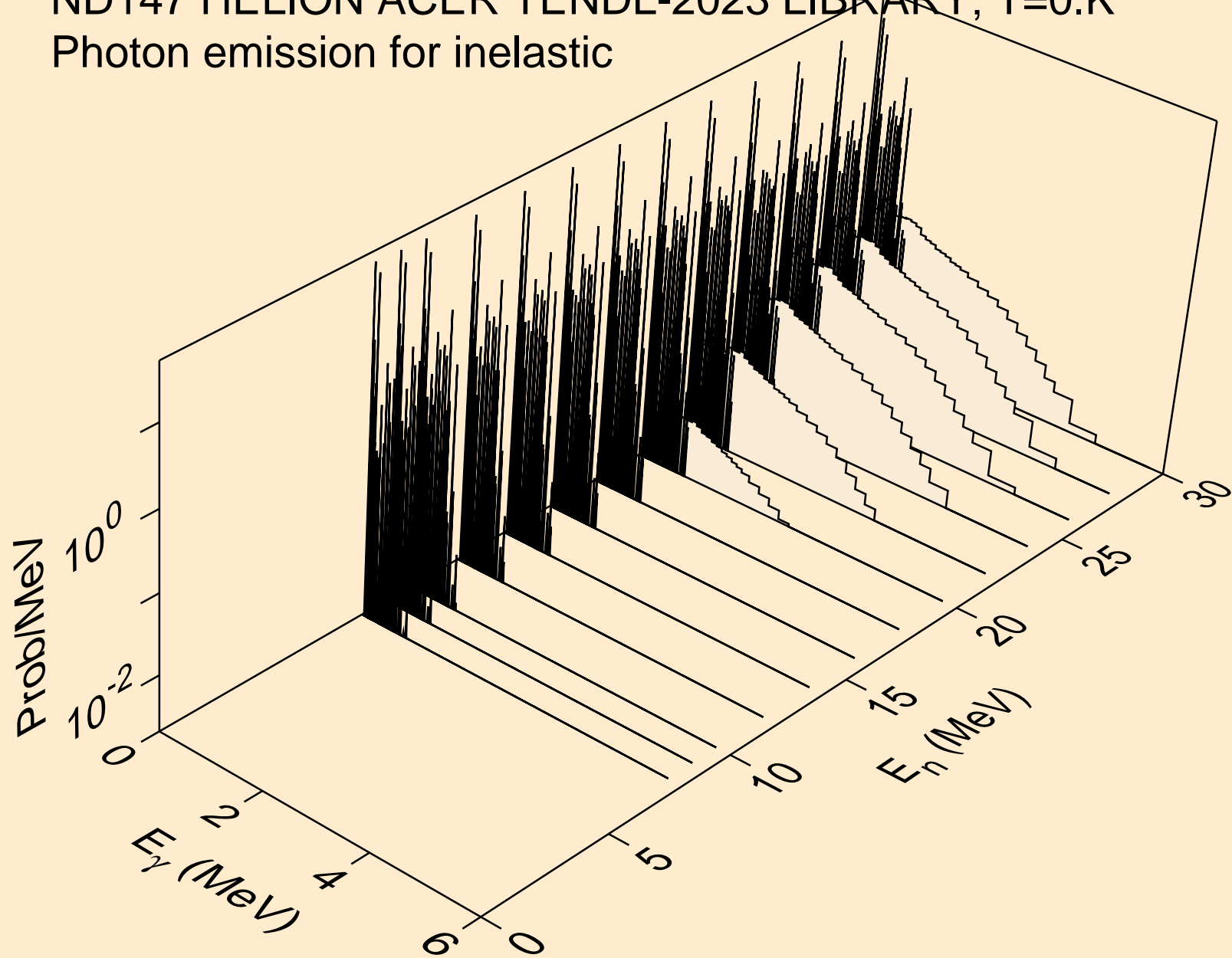
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)



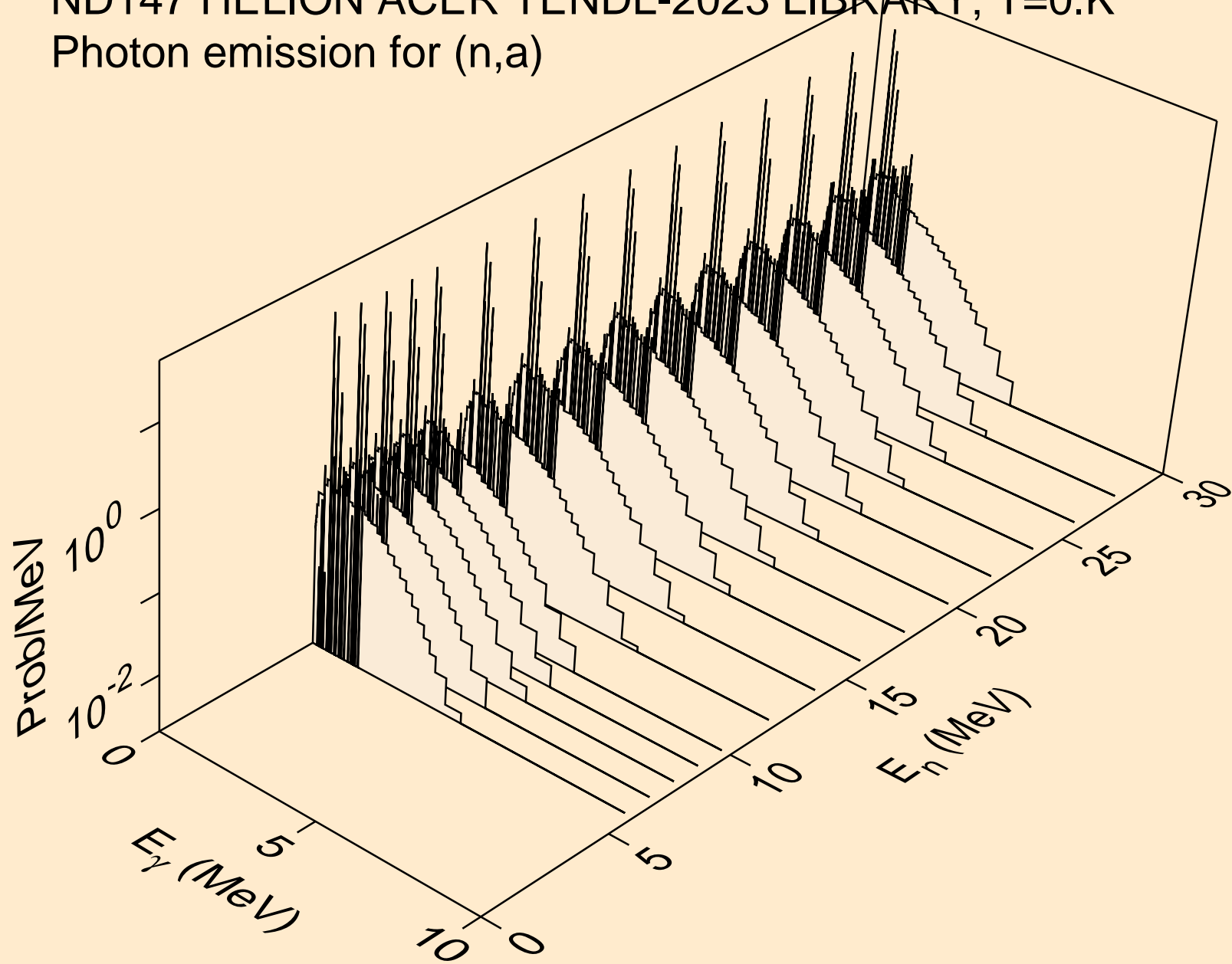
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)



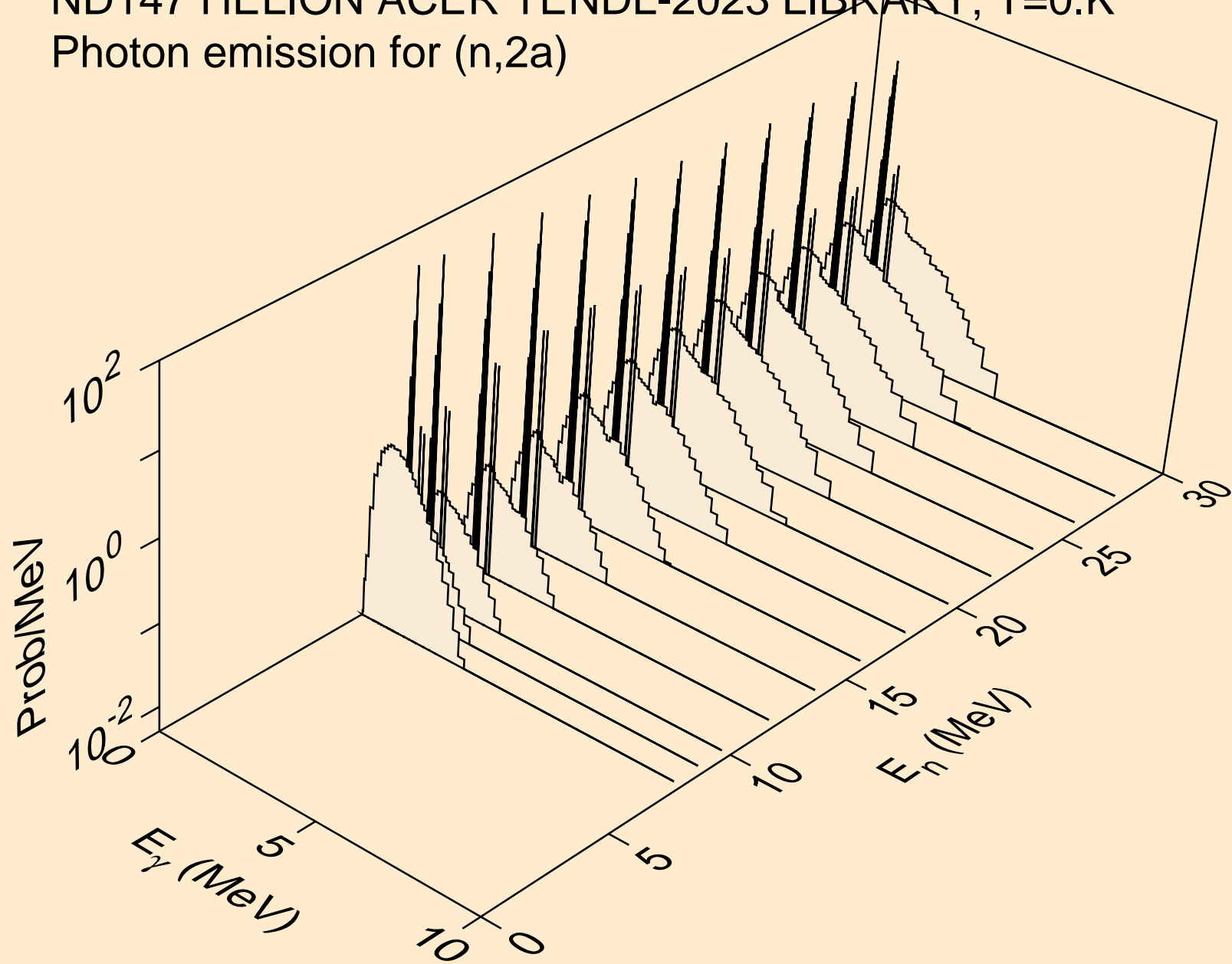
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for inelastic



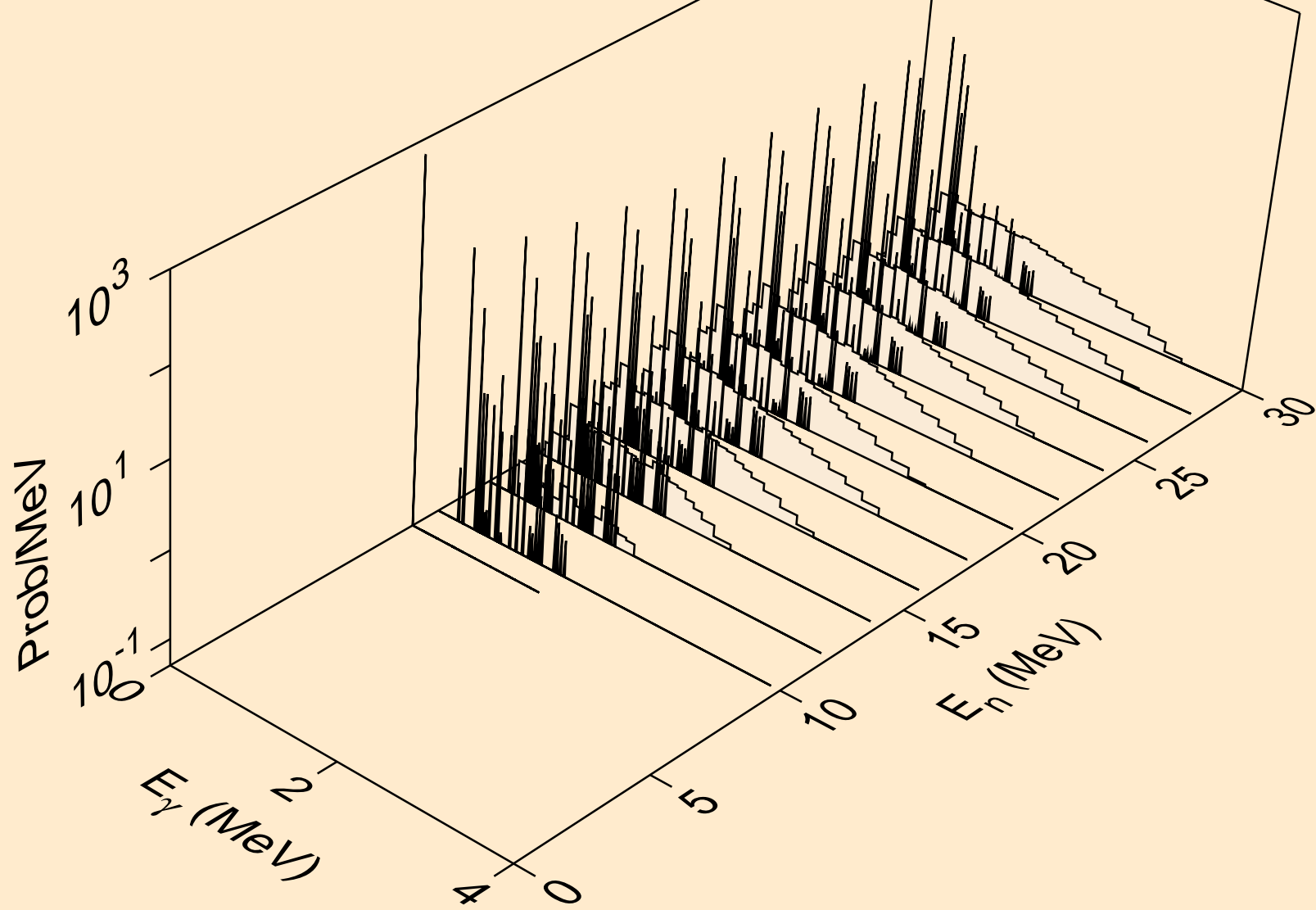
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,a)



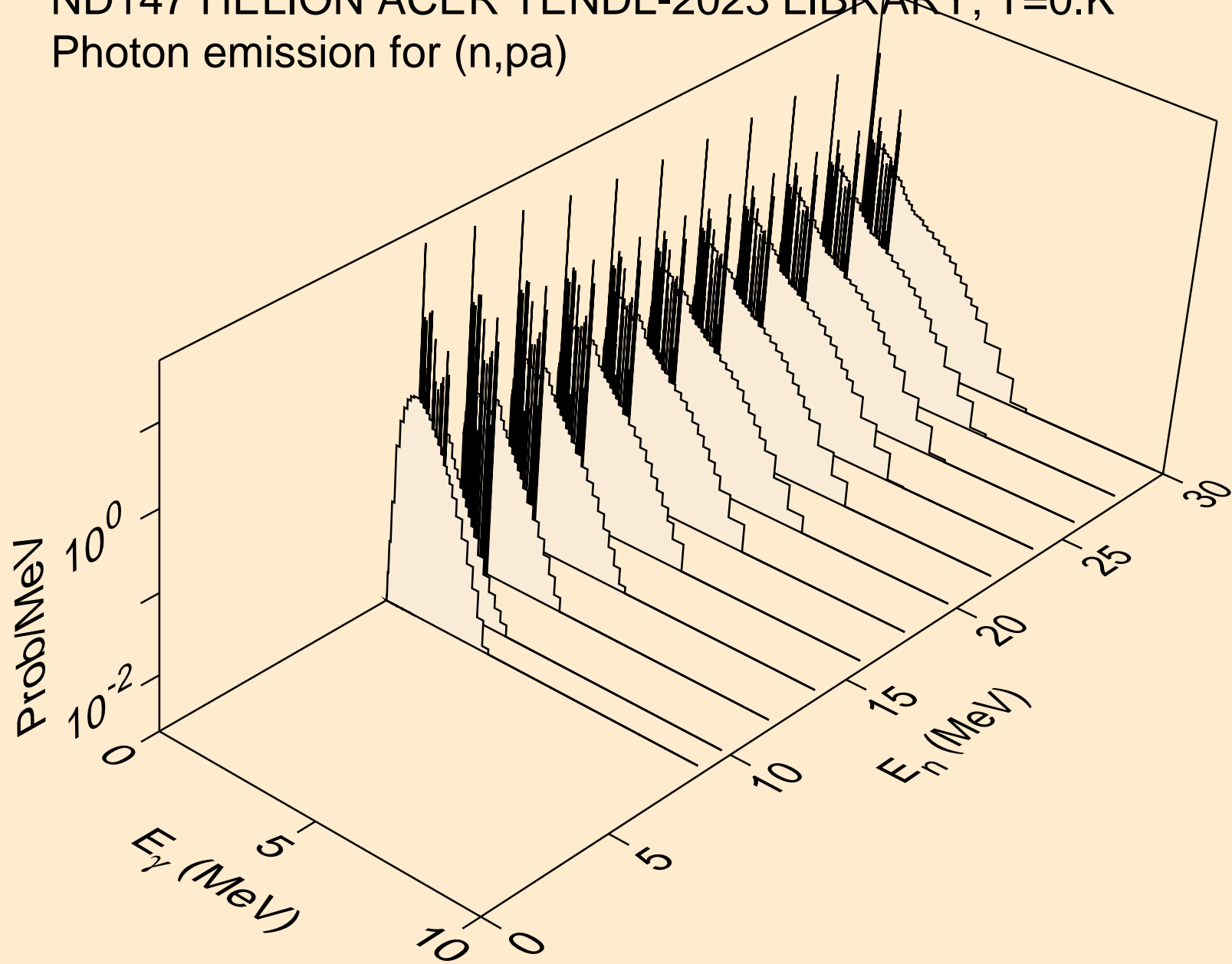
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2a)



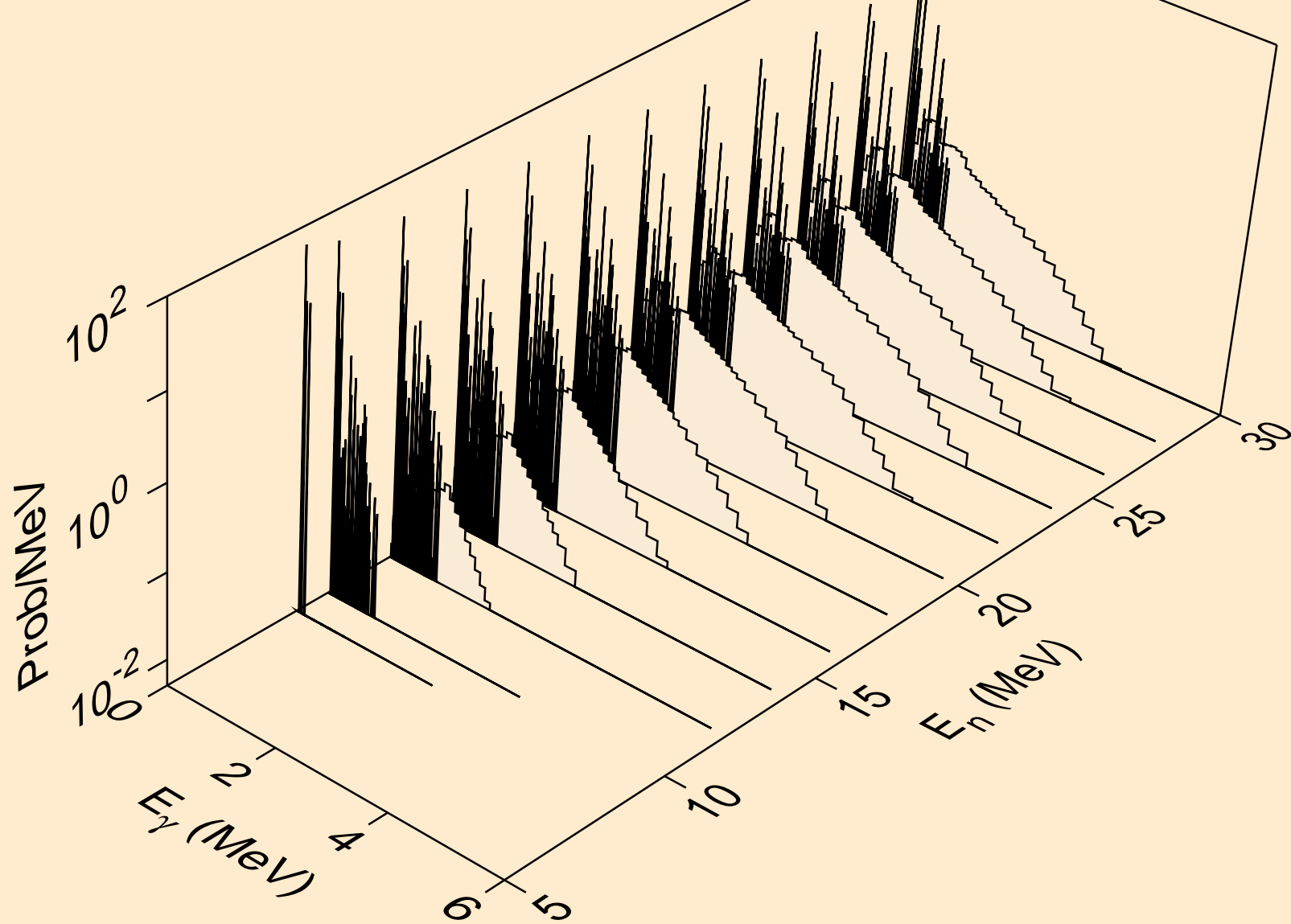
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2p)



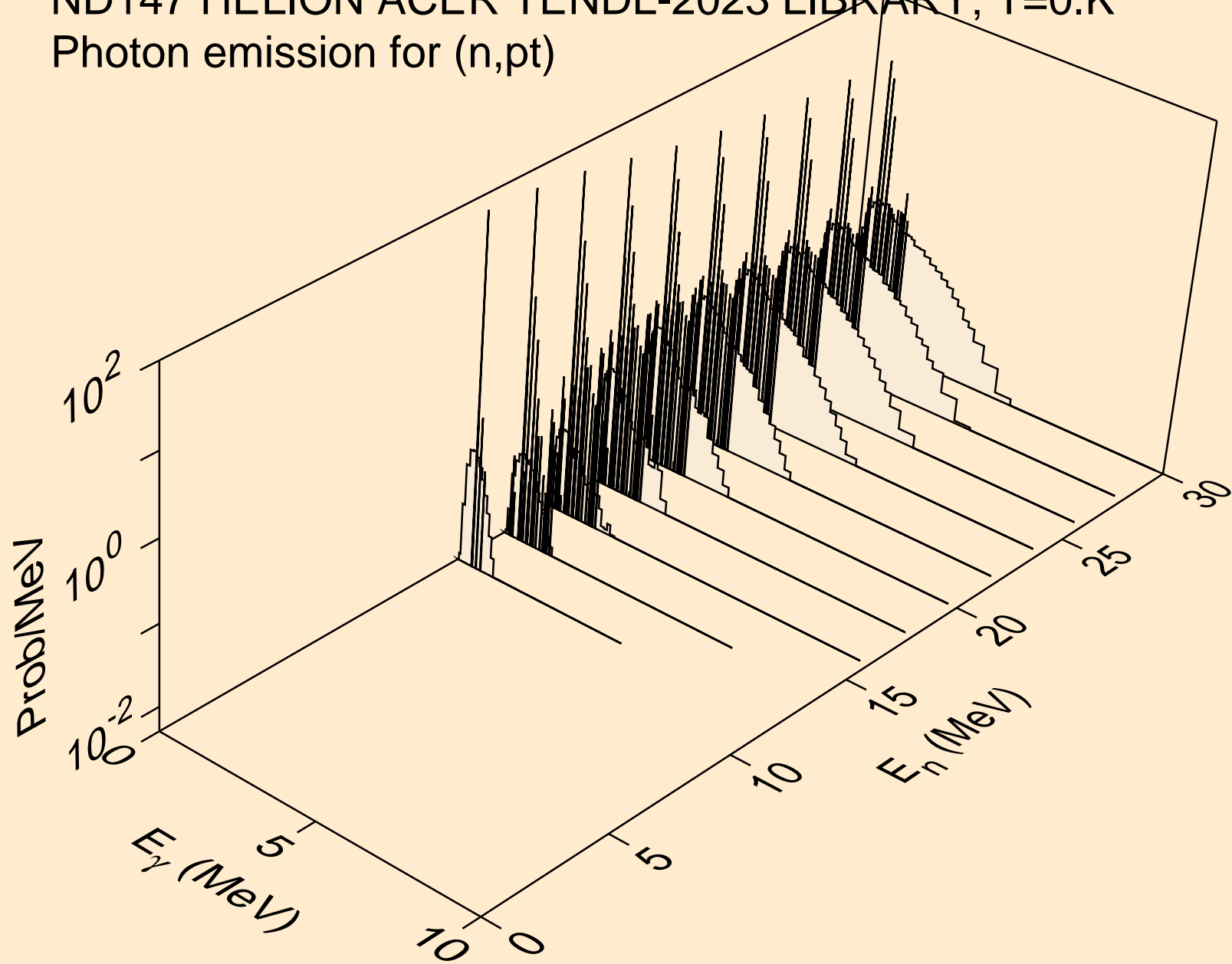
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pa)



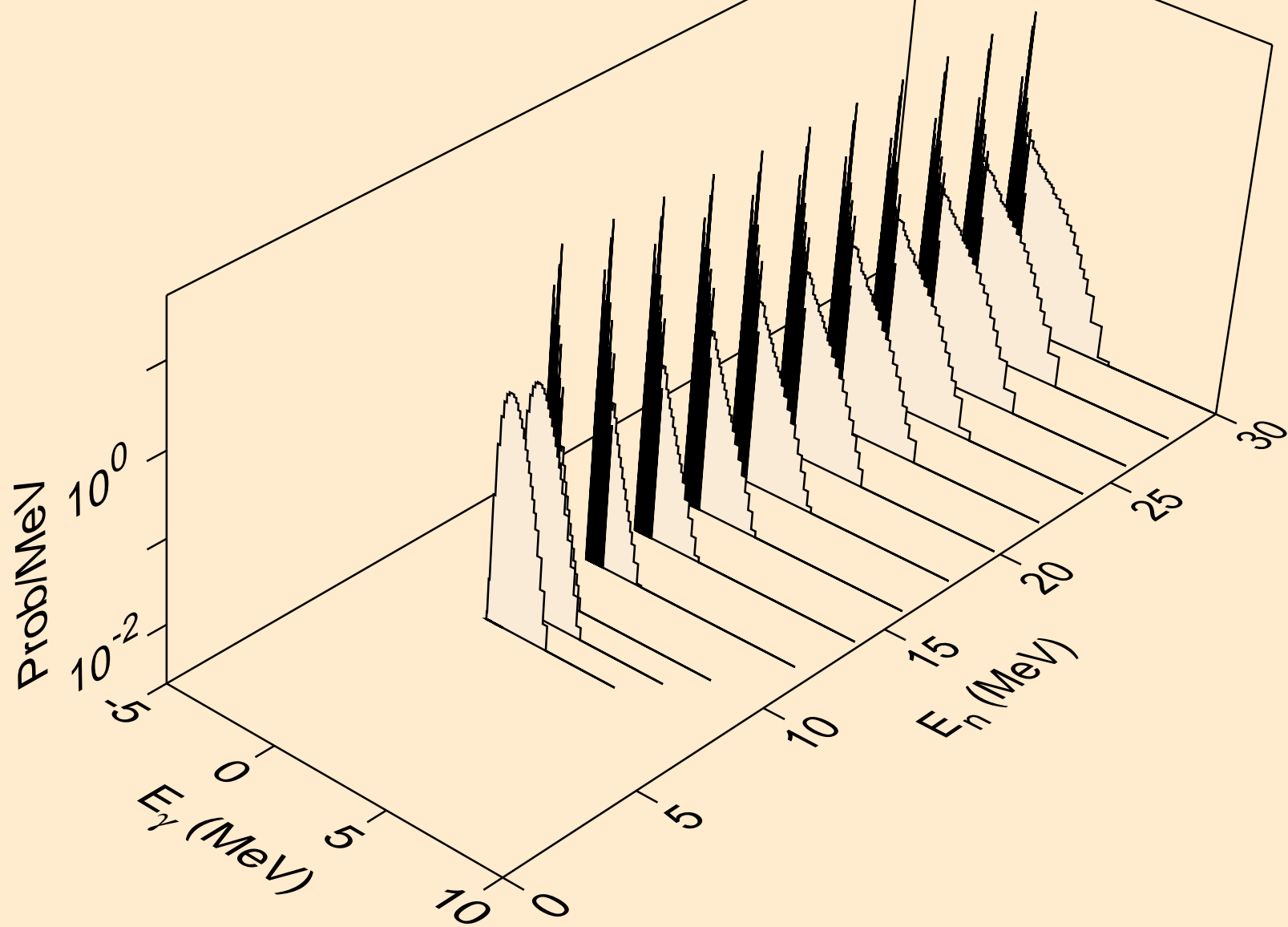
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pd)



ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pt)

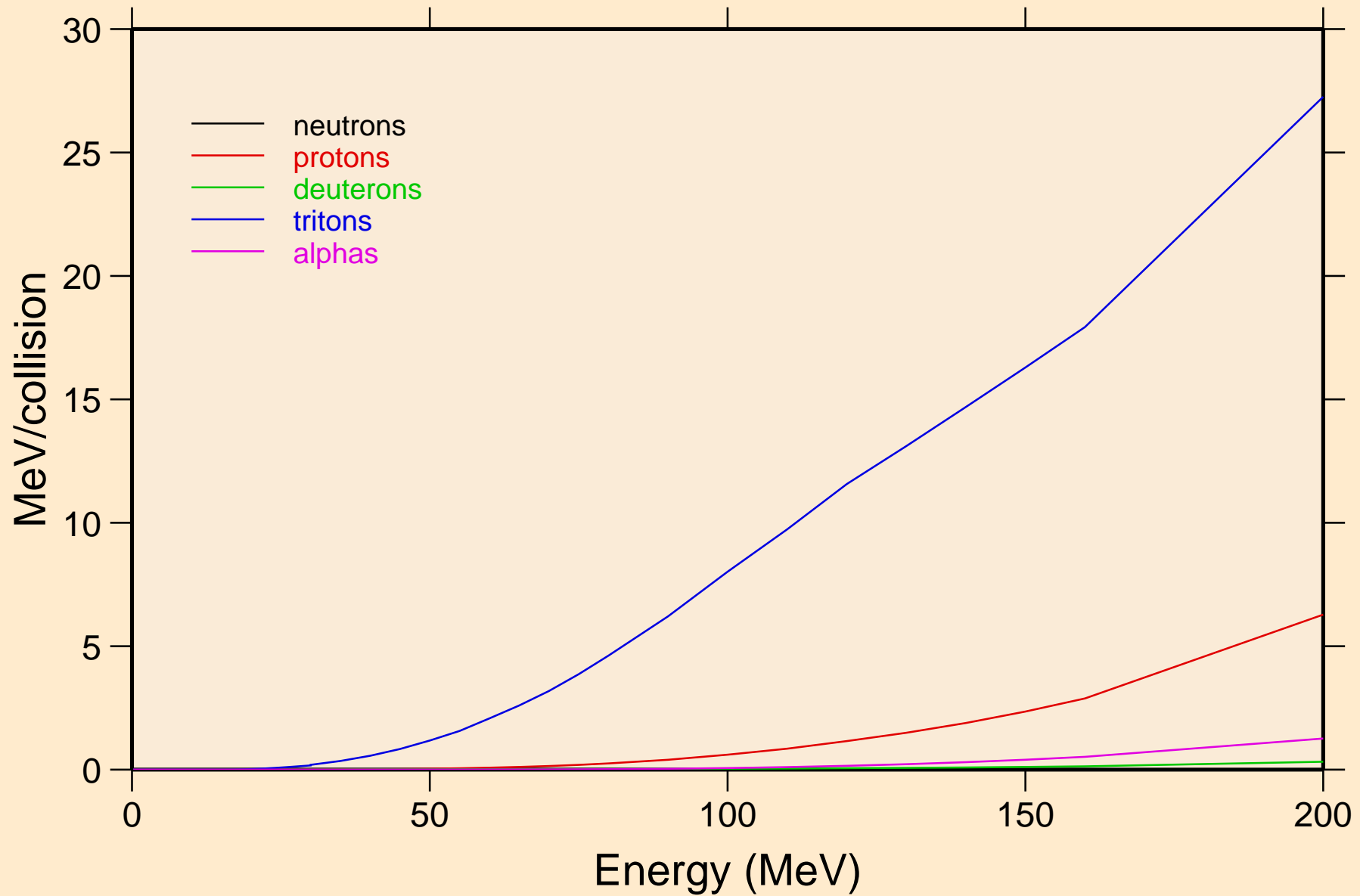


ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,da)

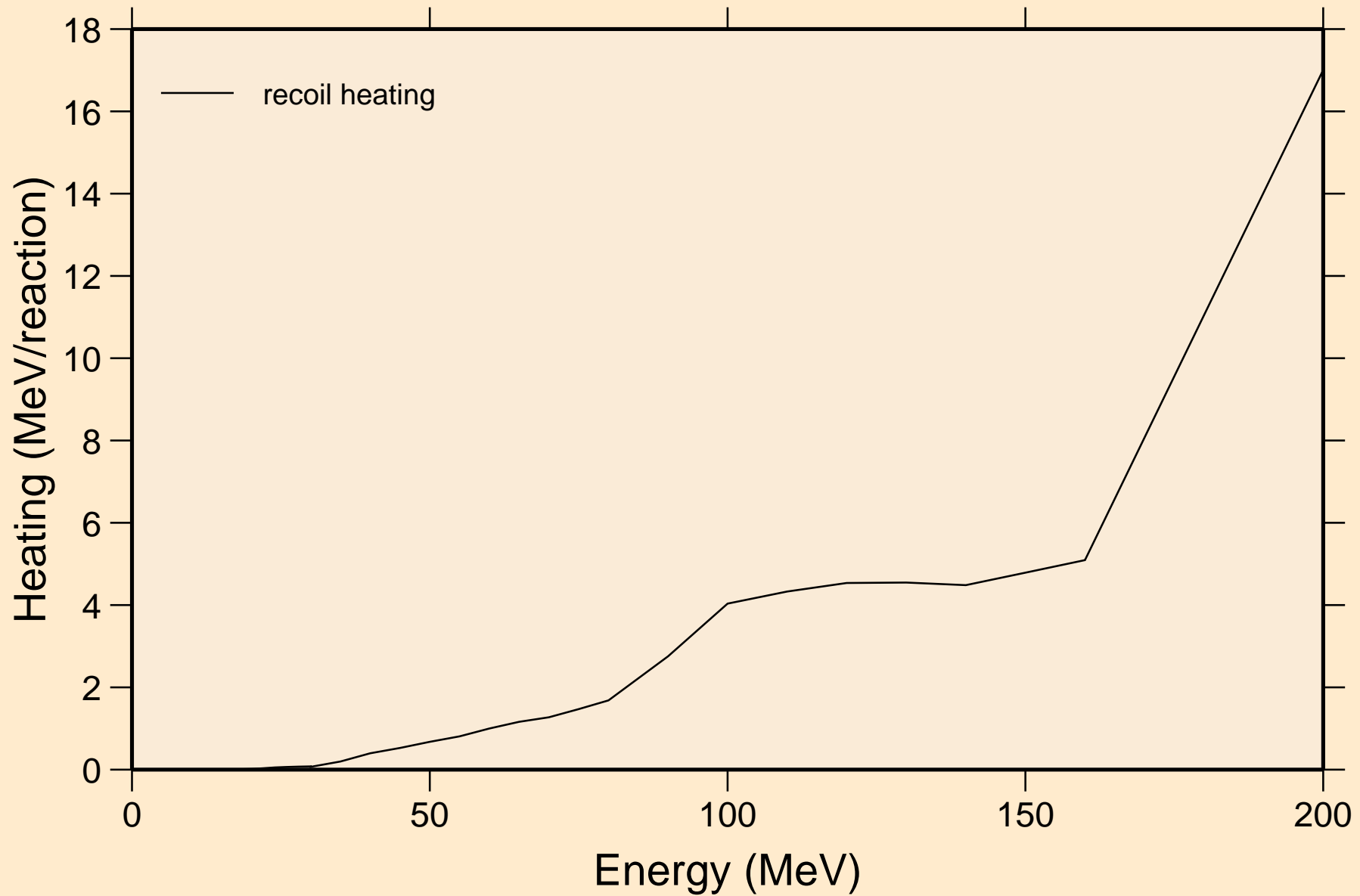


ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K

Particle heating contributions

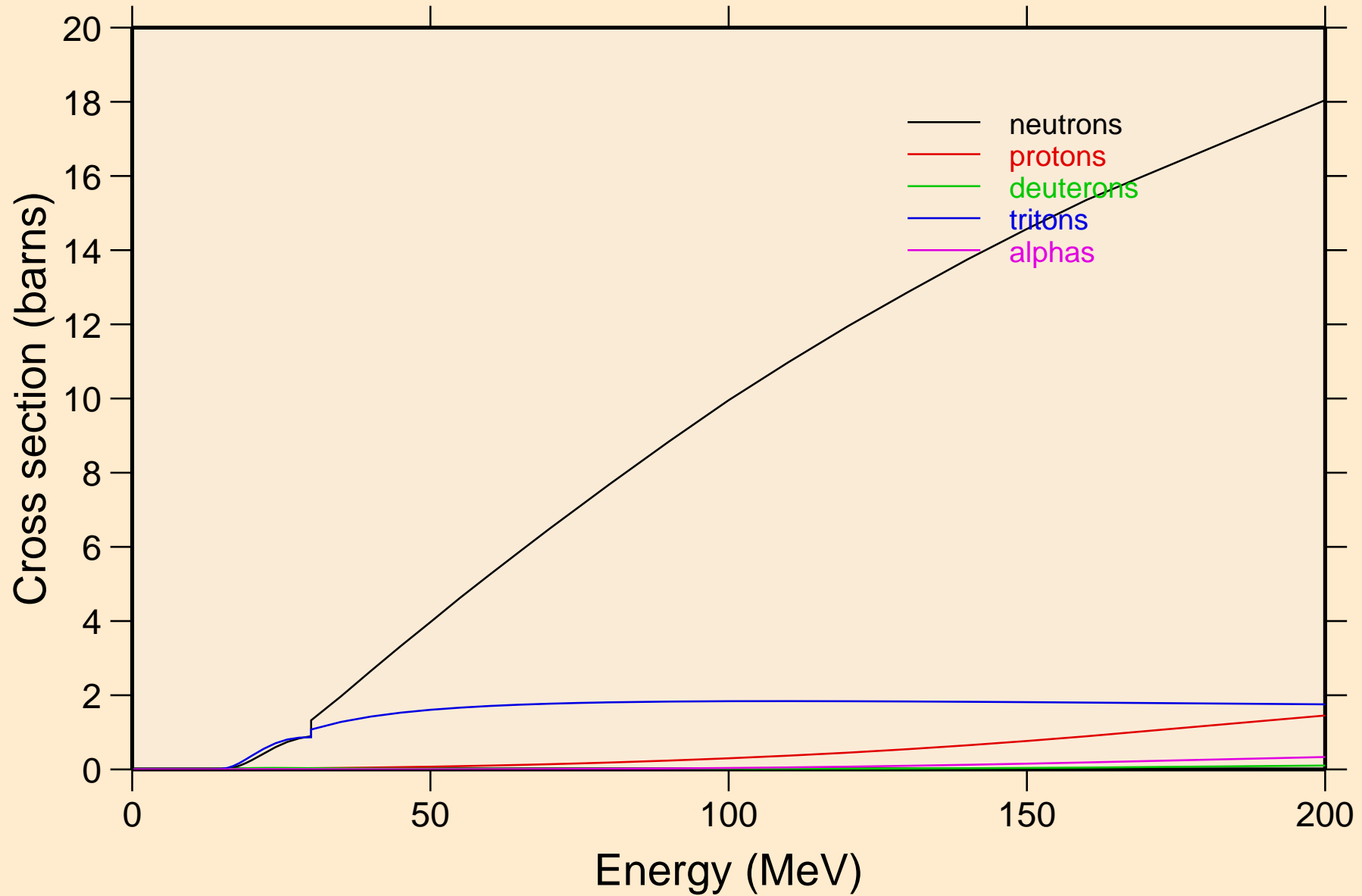


ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
Recoil Heating

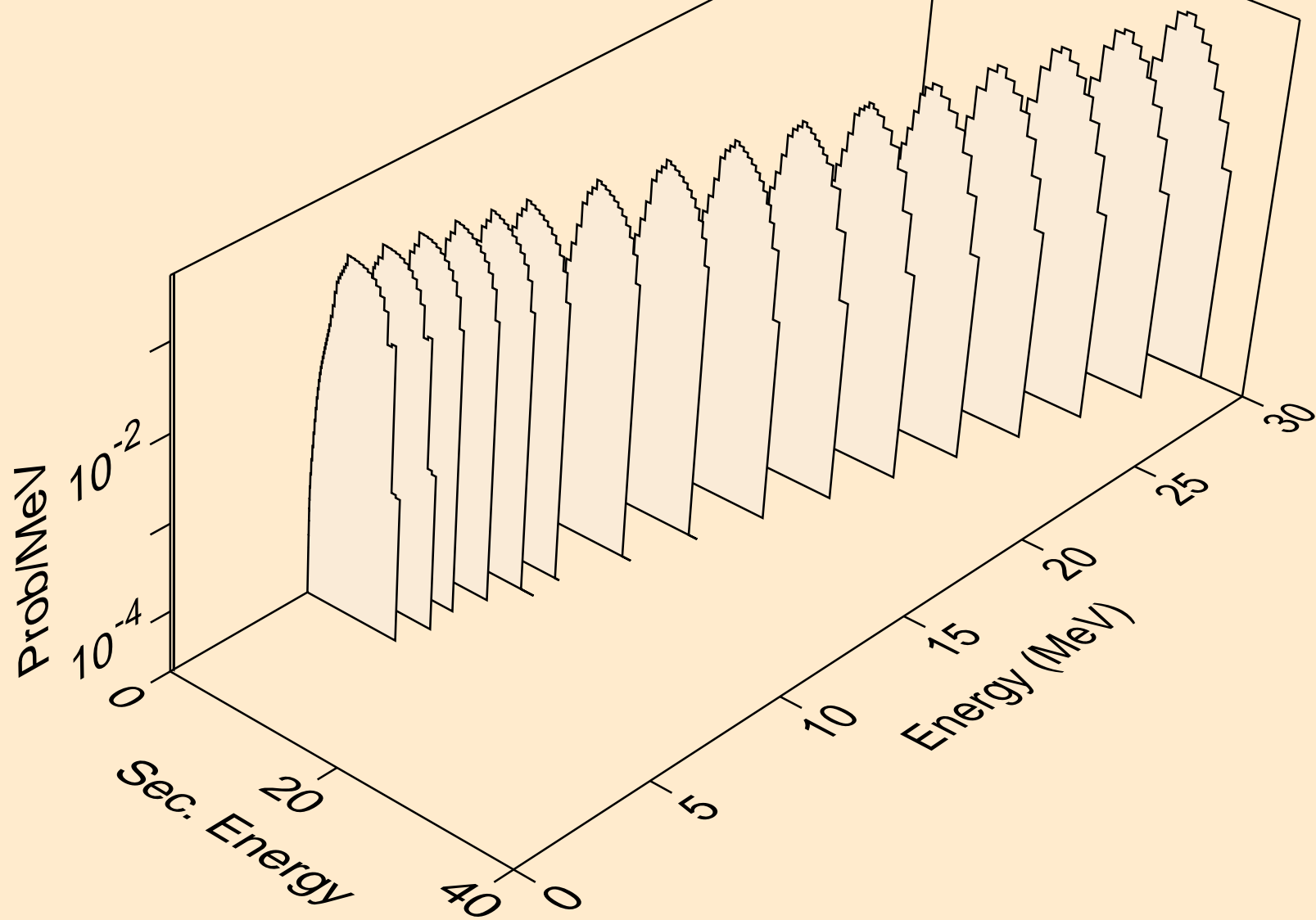


ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K

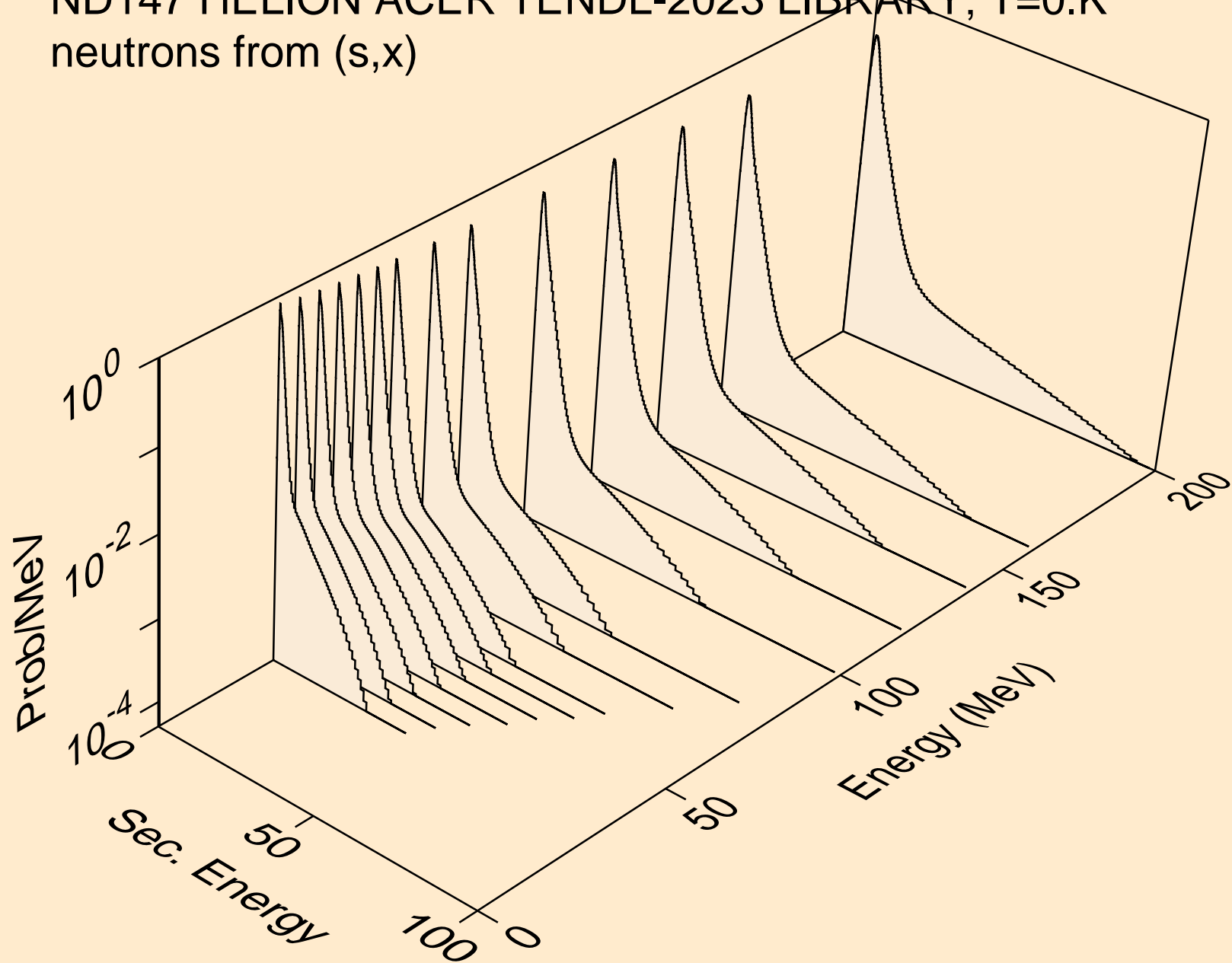
Particle production cross sections



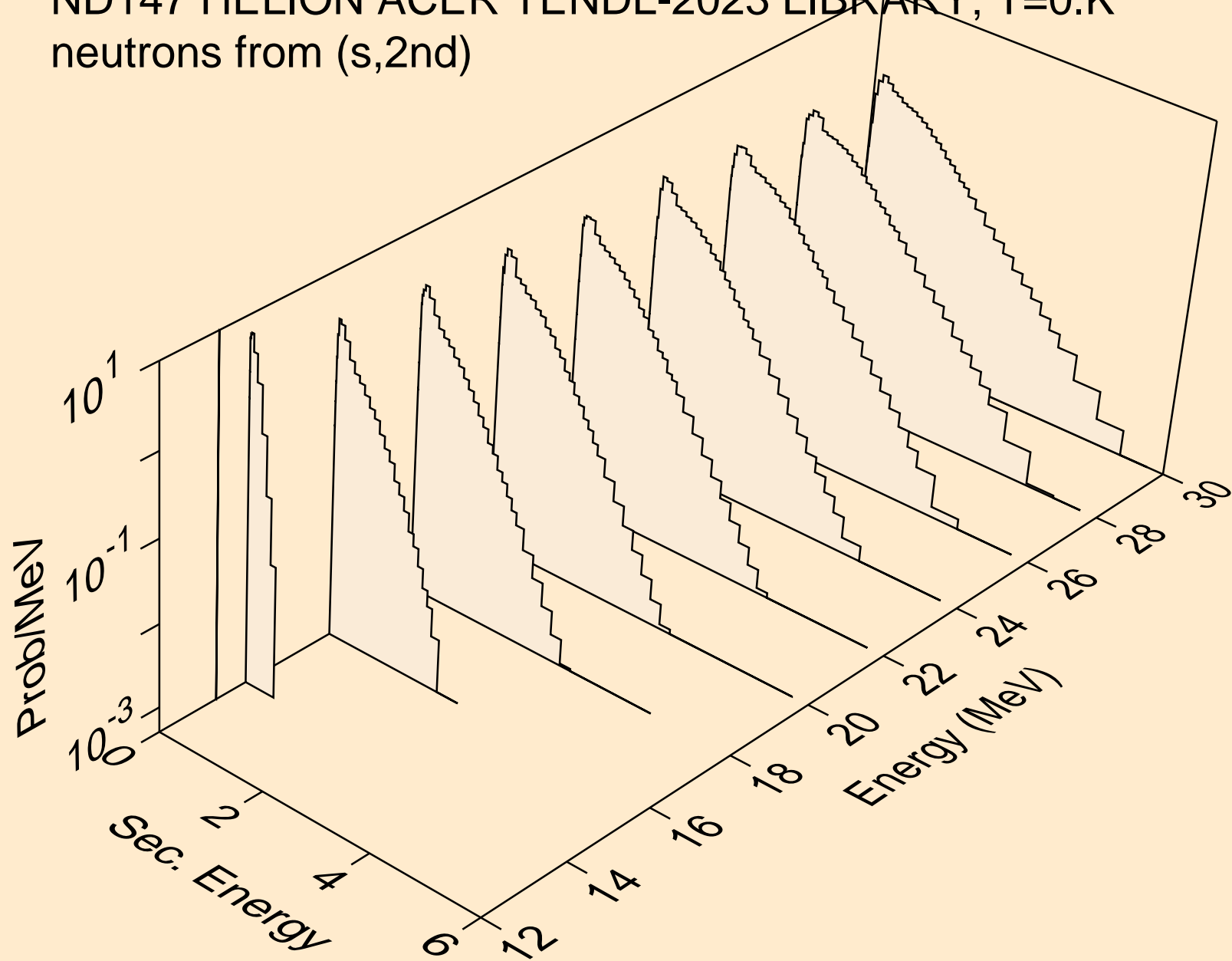
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,n)



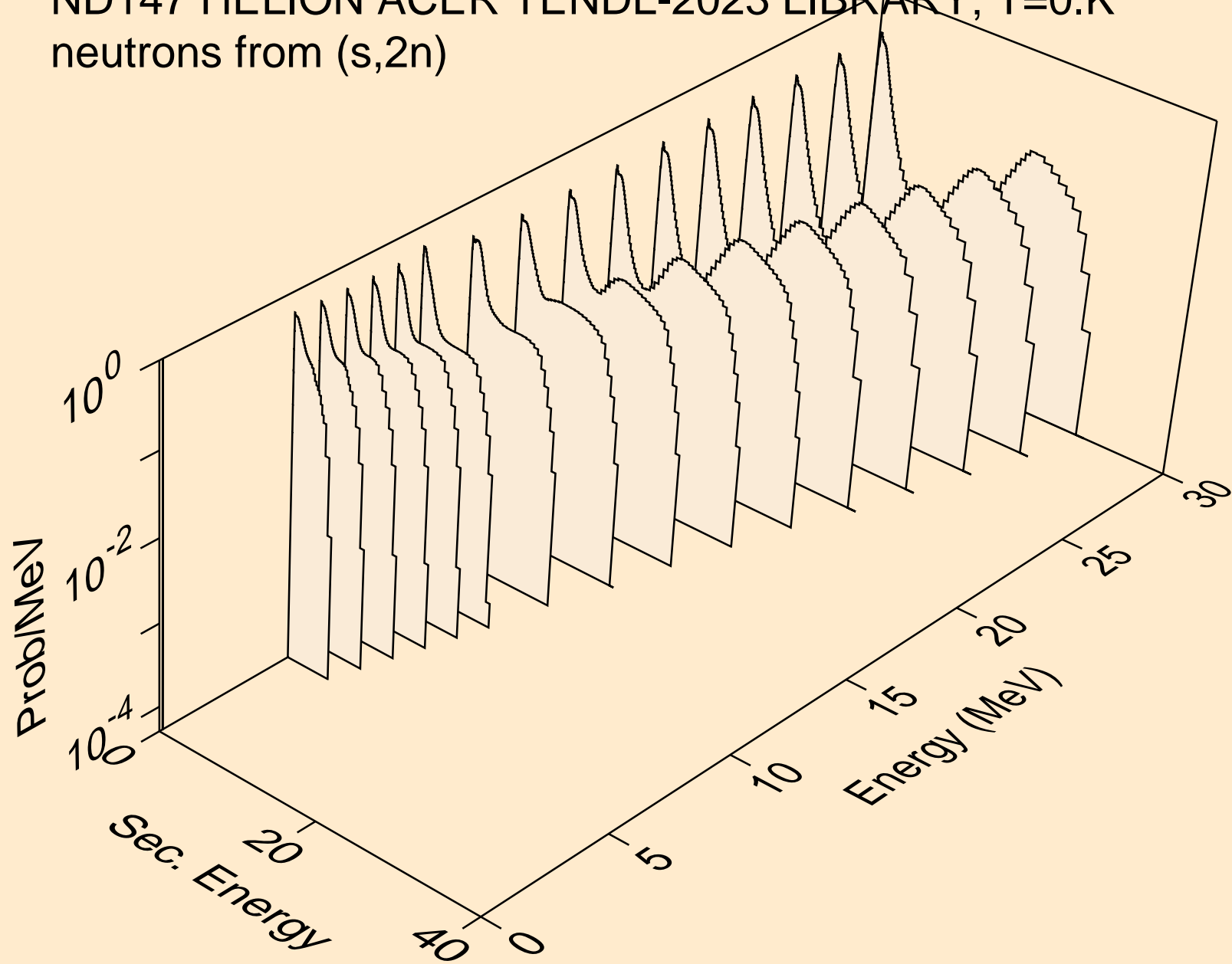
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,x)



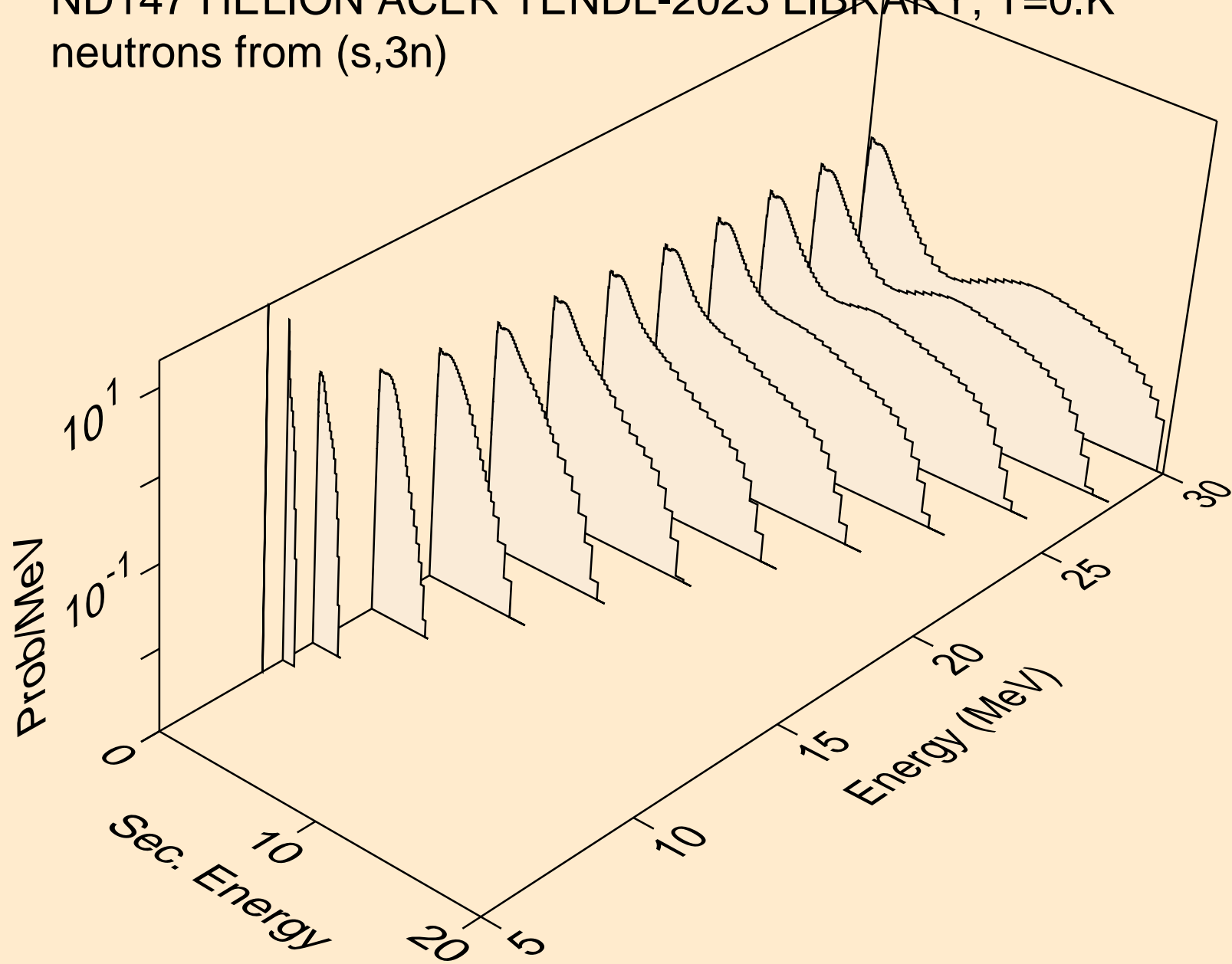
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,2nd)



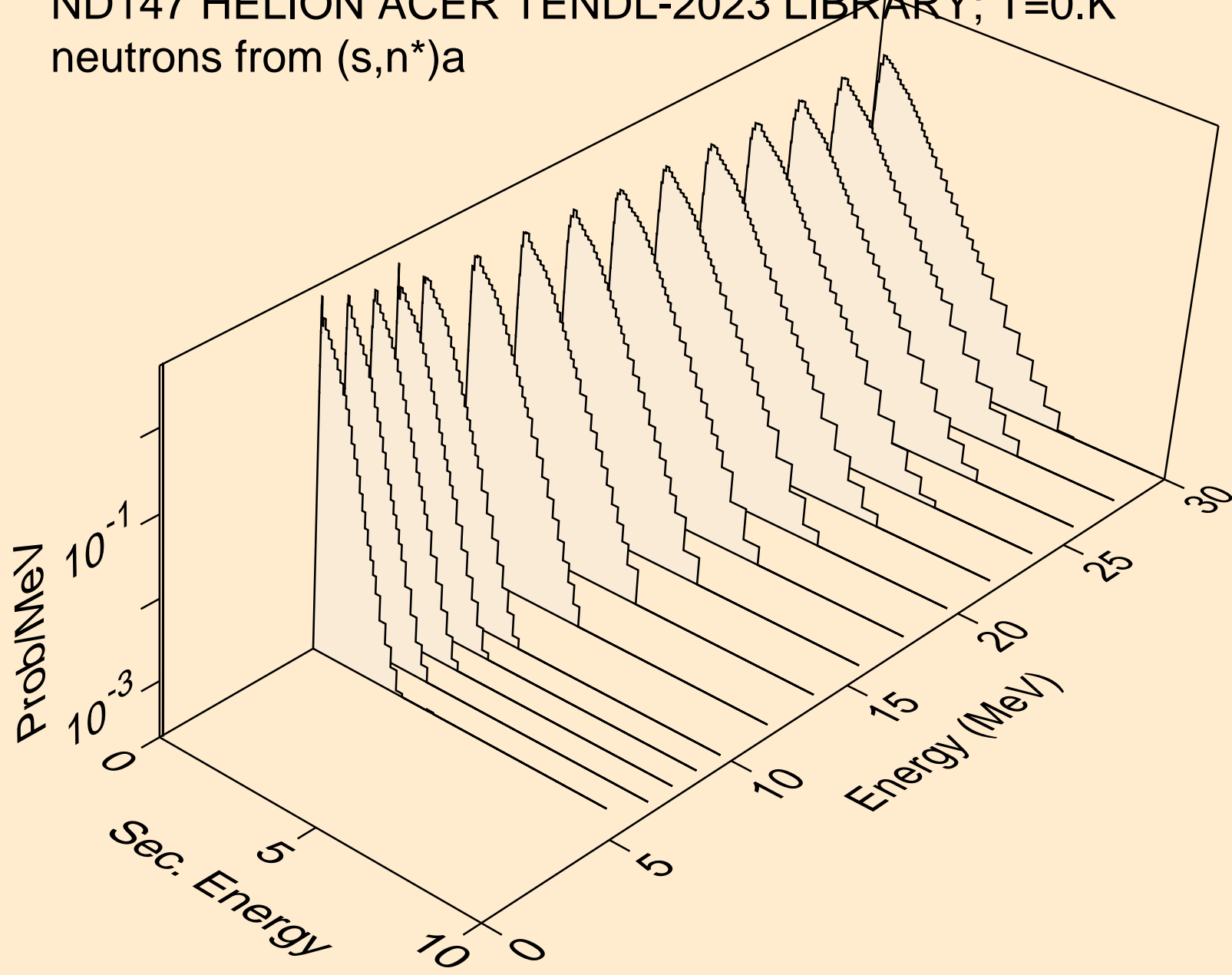
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,2n)



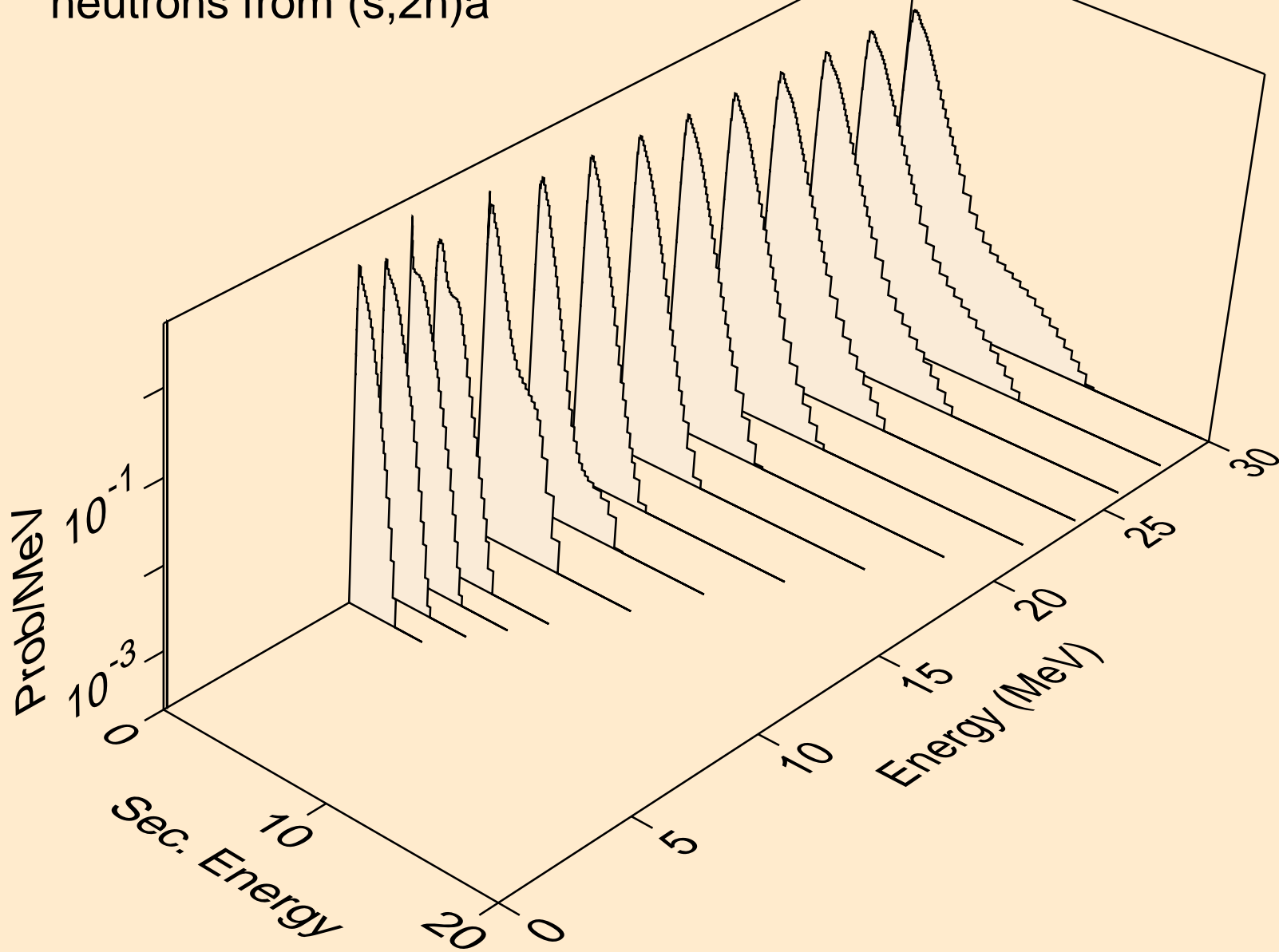
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,3n)



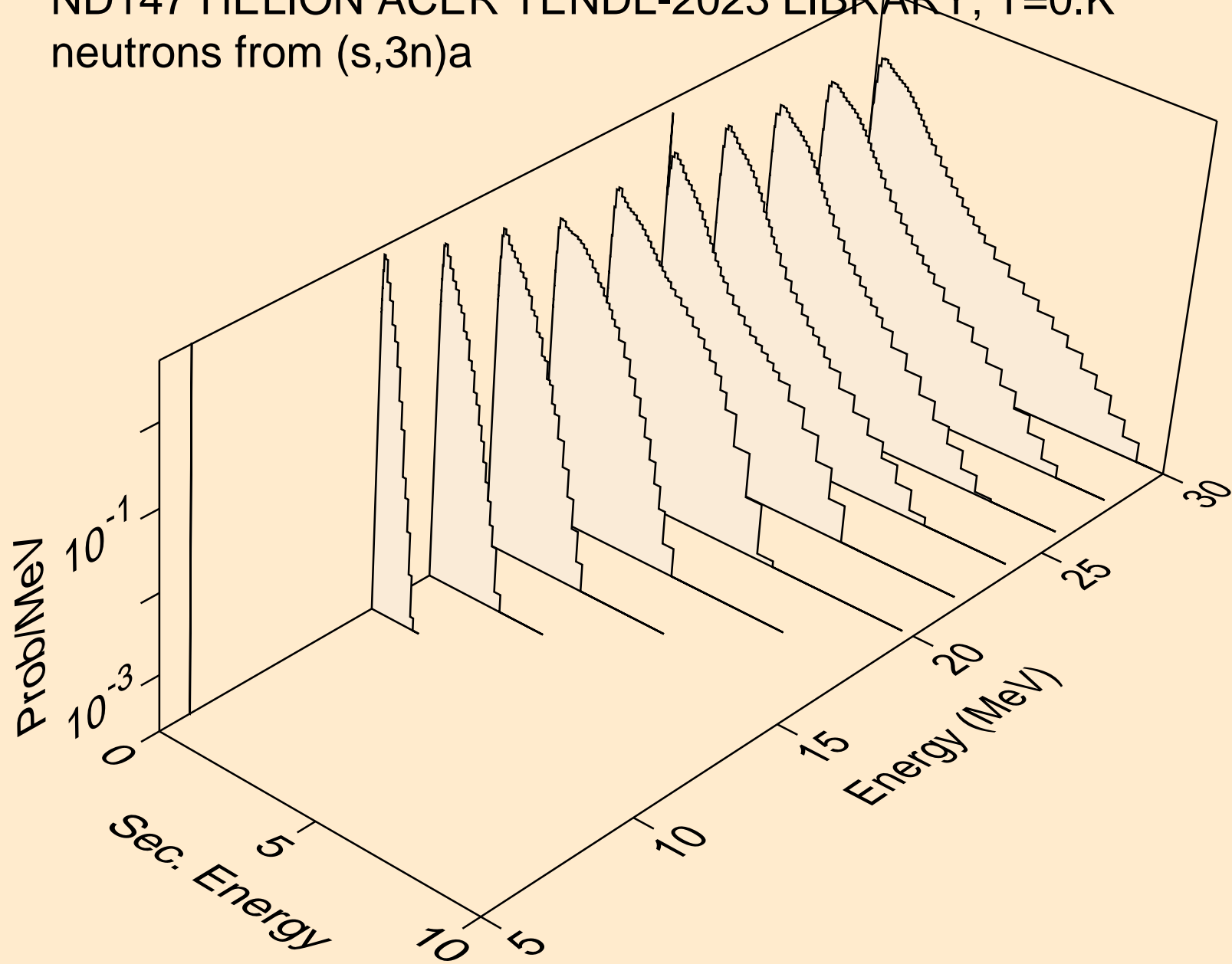
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,n*)a



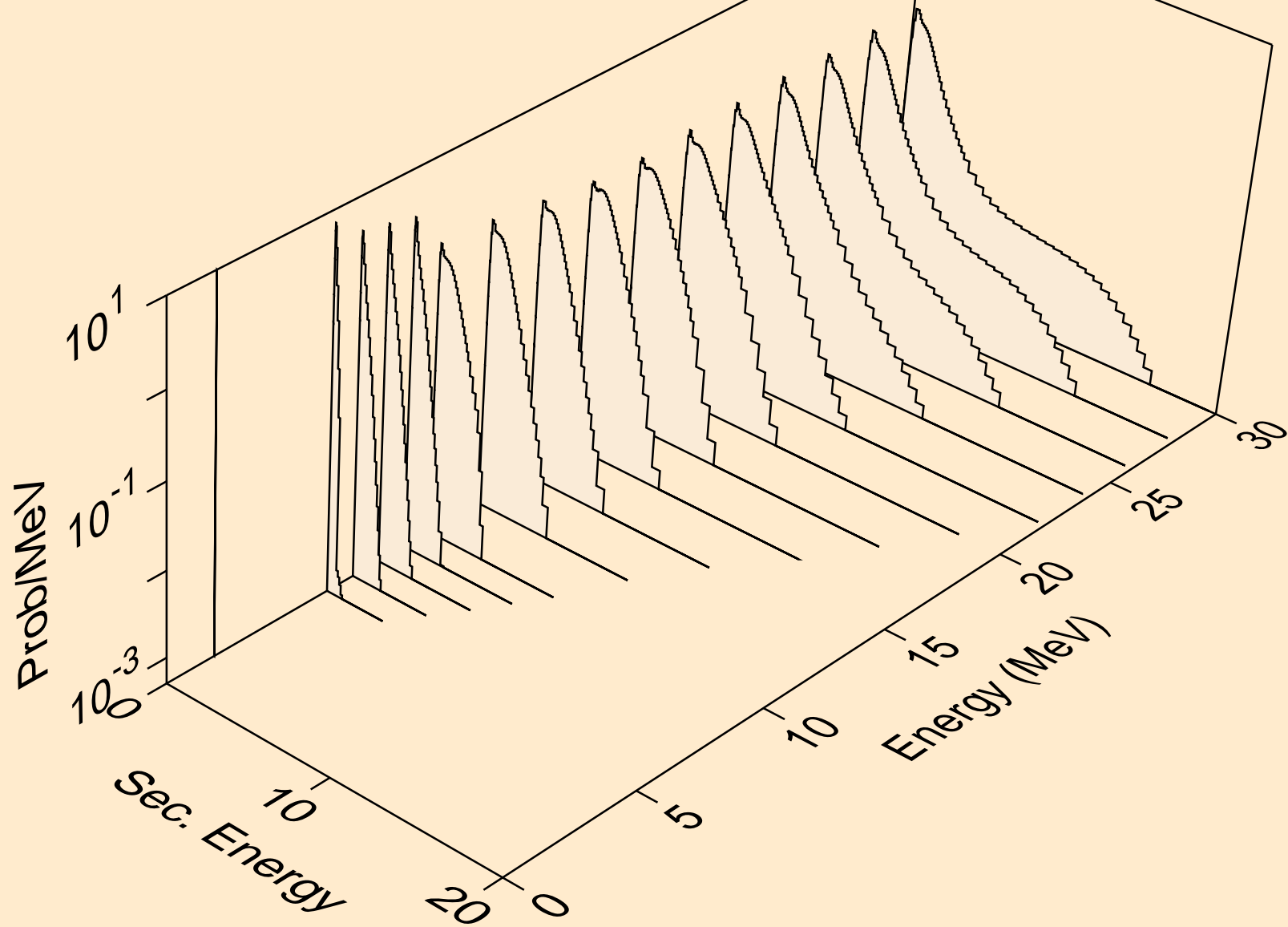
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,2n)a



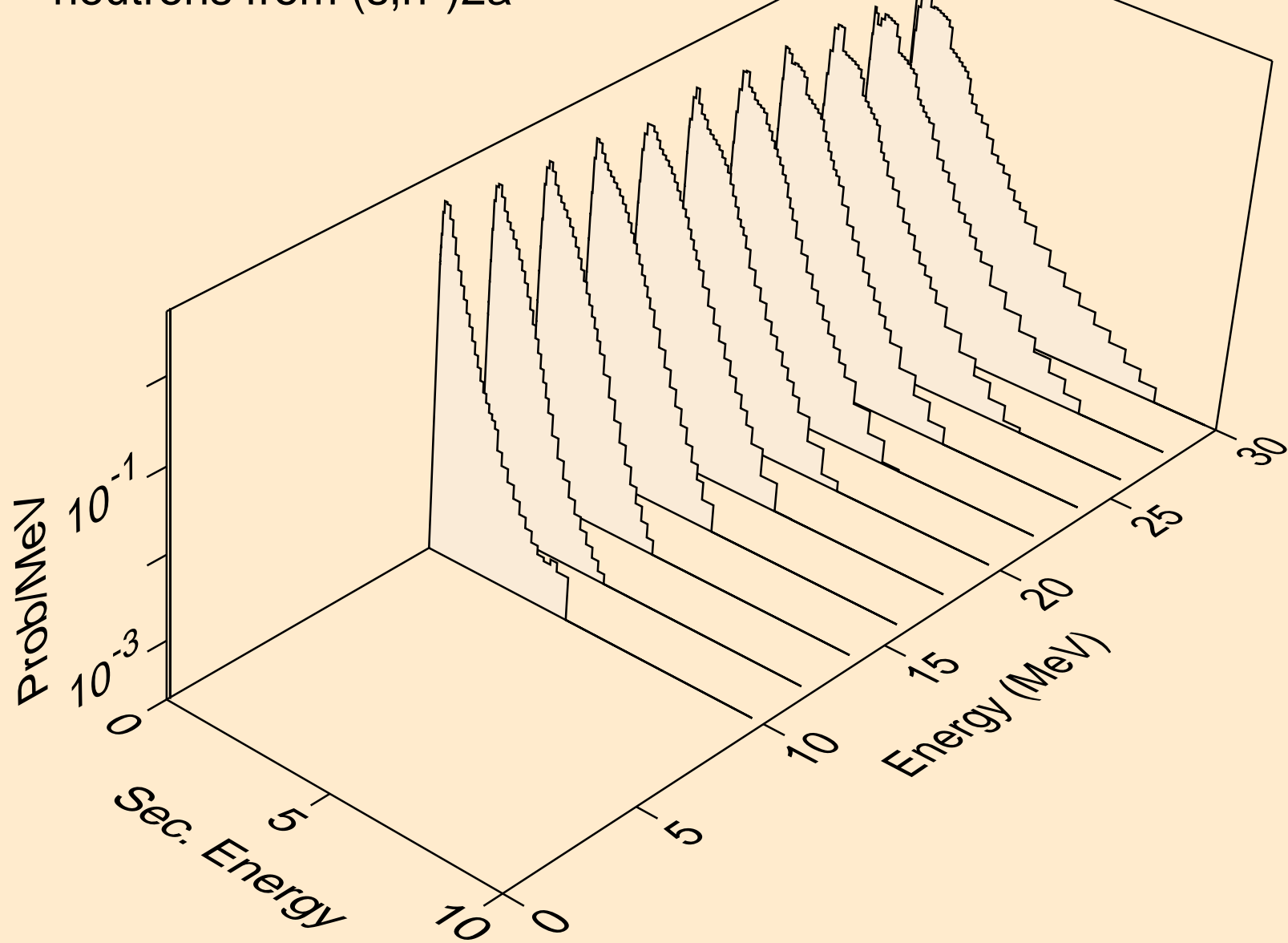
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,3n)a



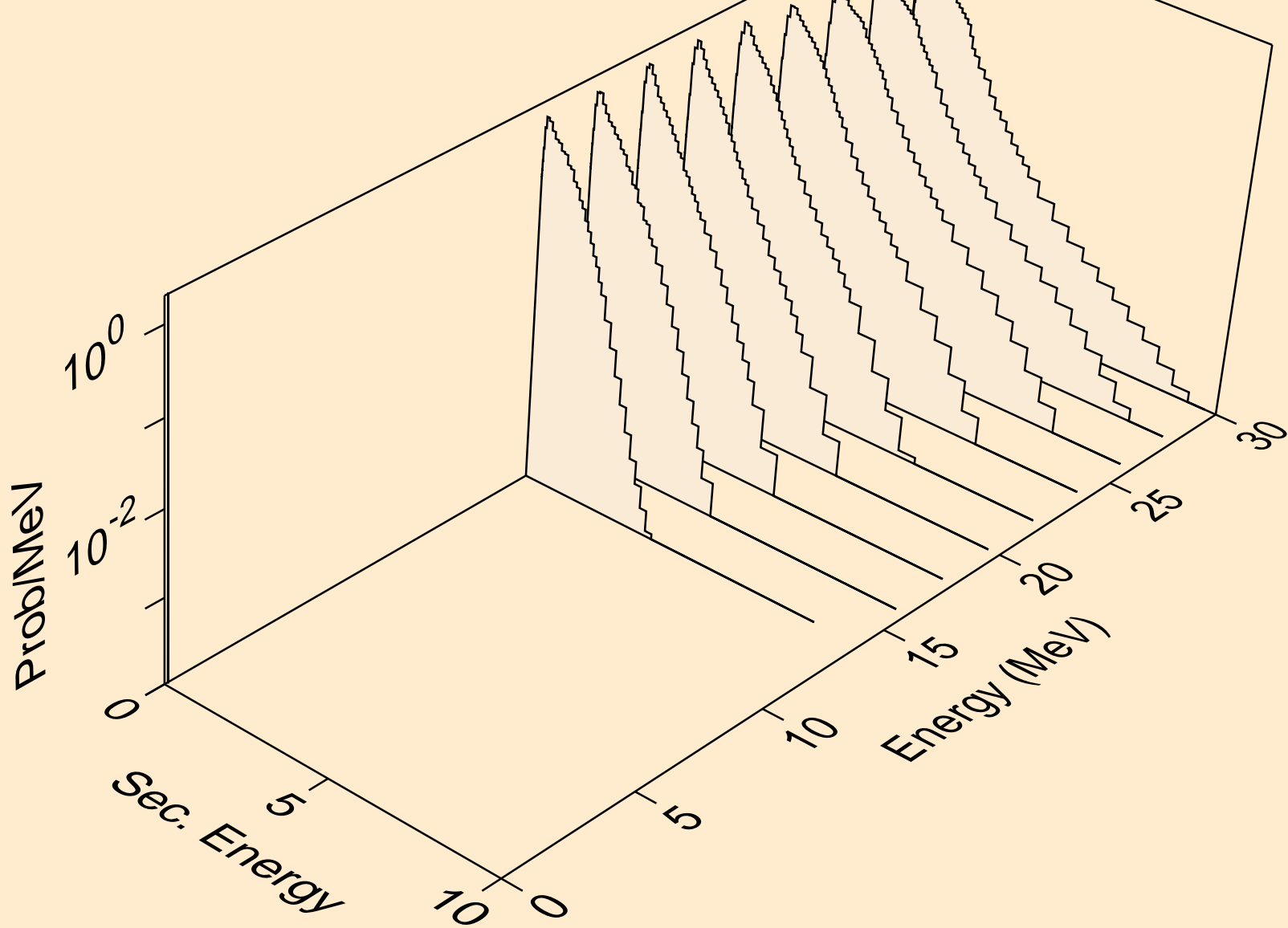
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,n*)p



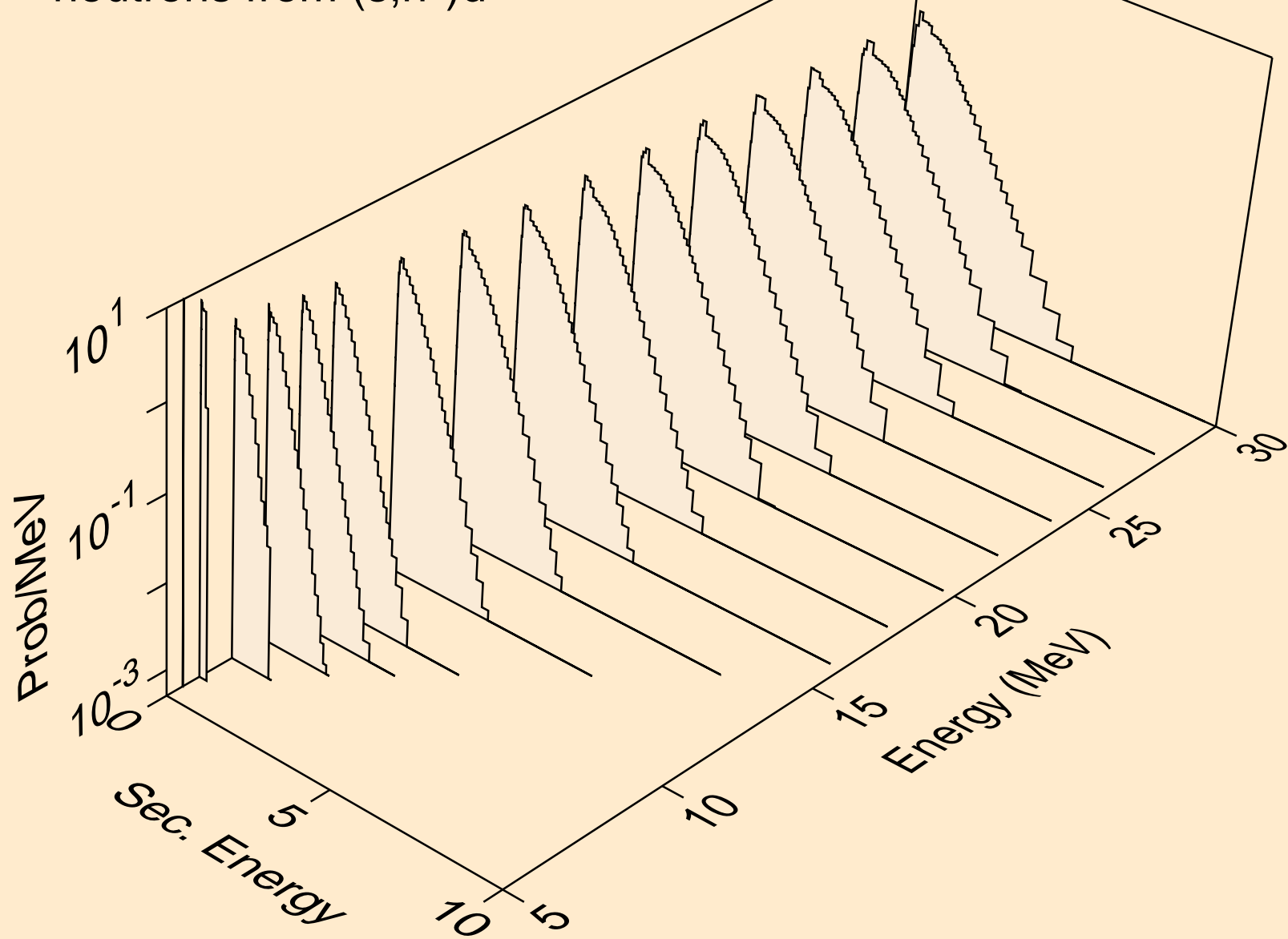
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,n*)2a



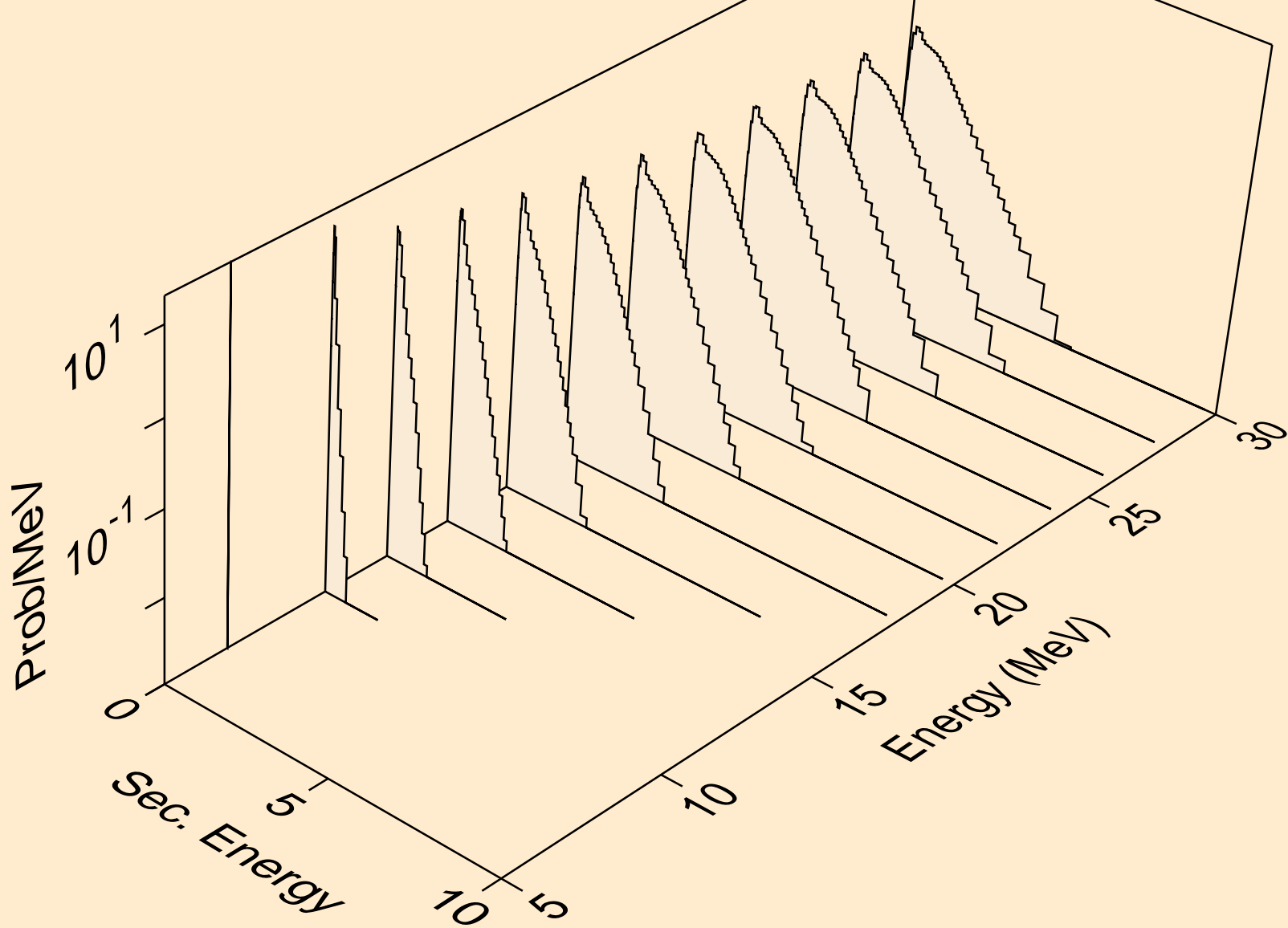
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,2n)2a



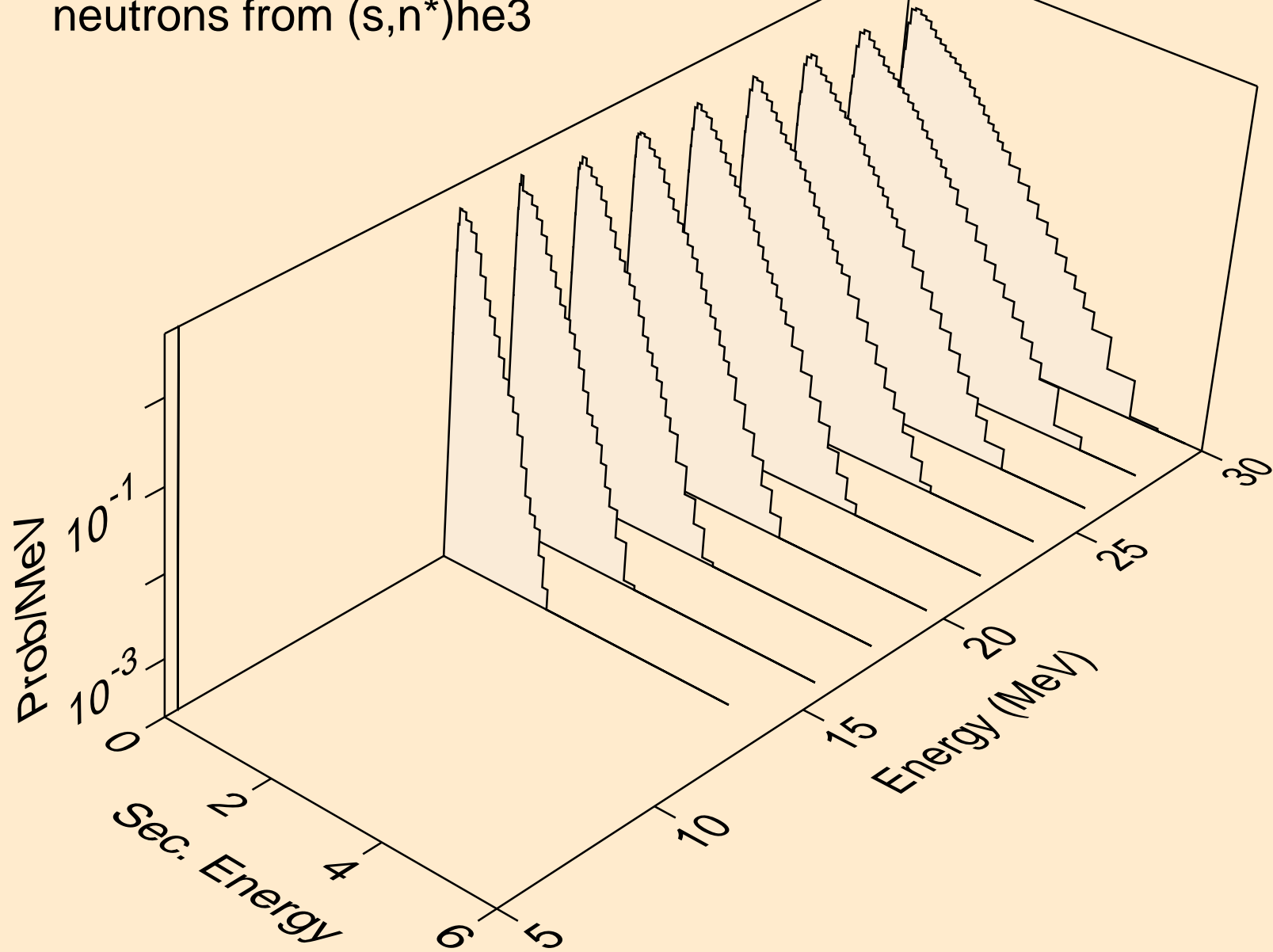
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,n*)d



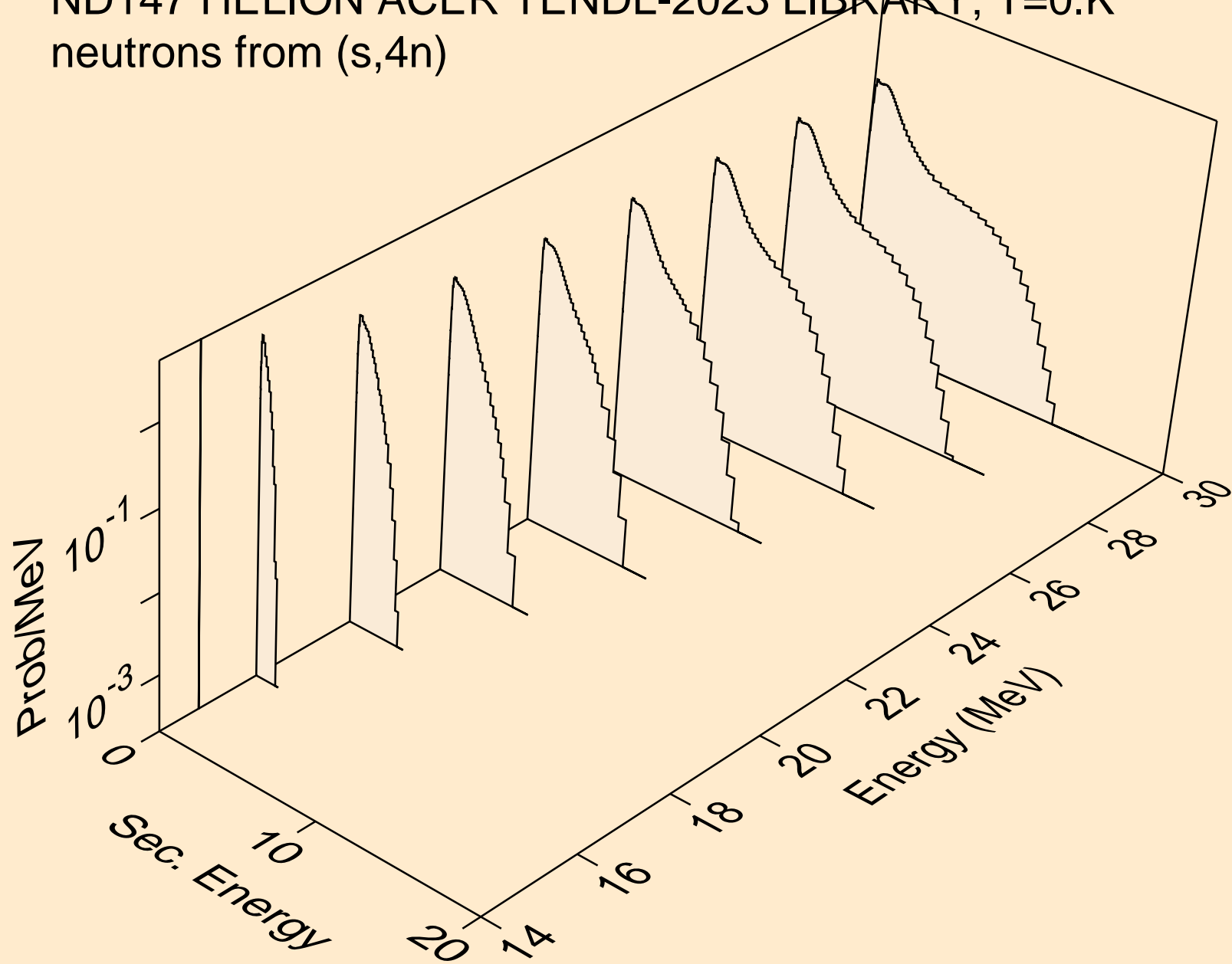
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,n*)t



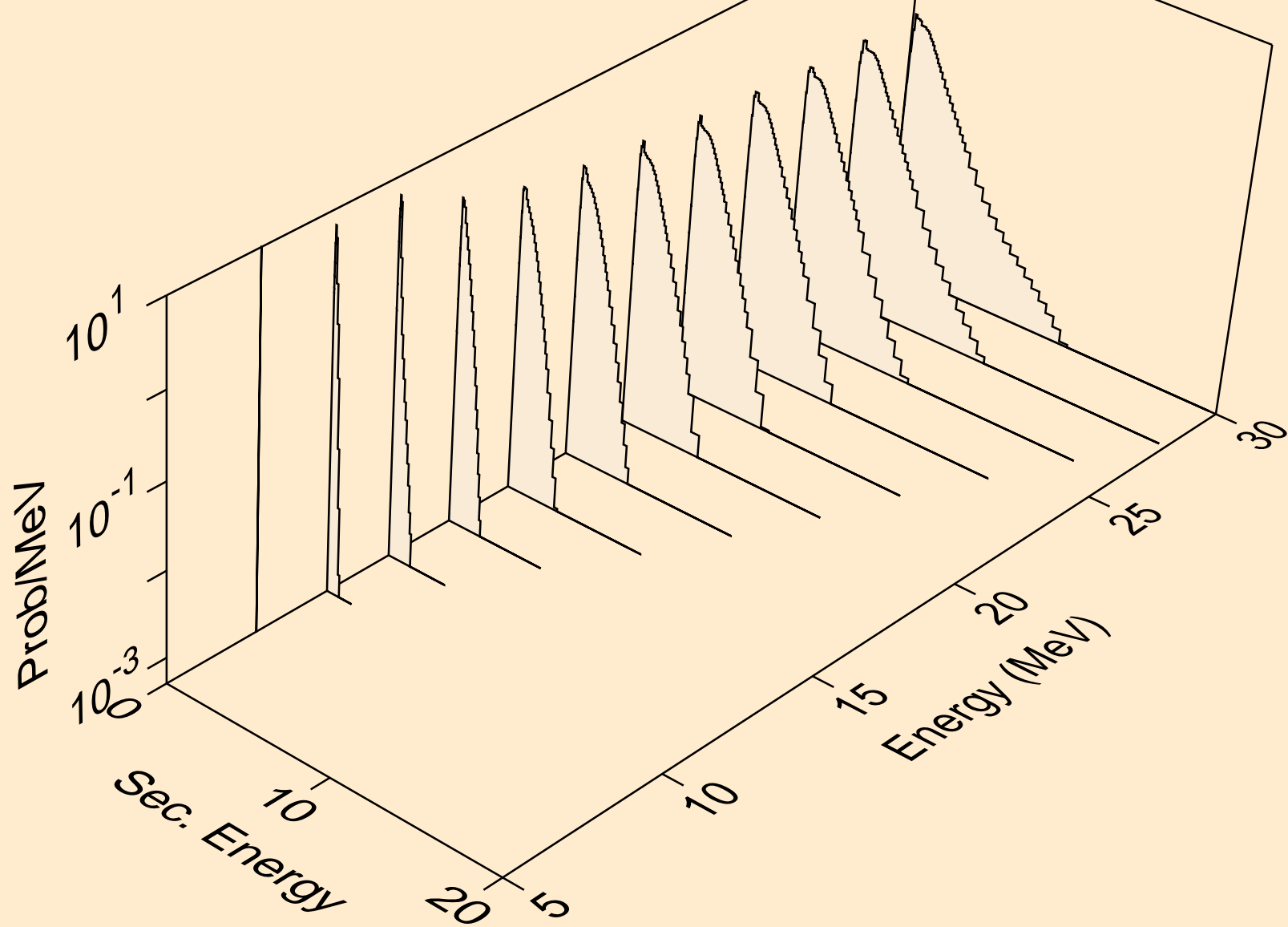
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,n*)he3



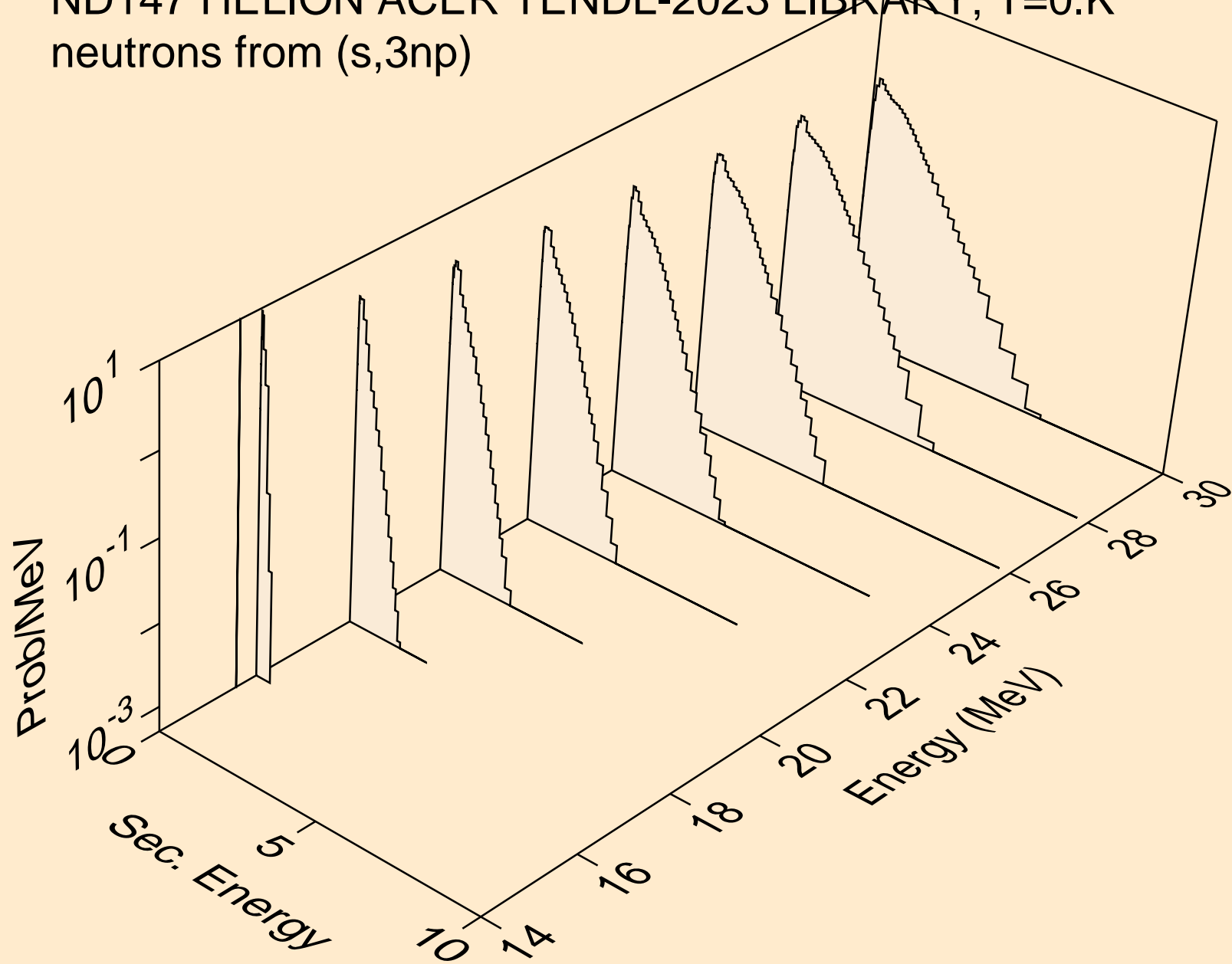
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,4n)



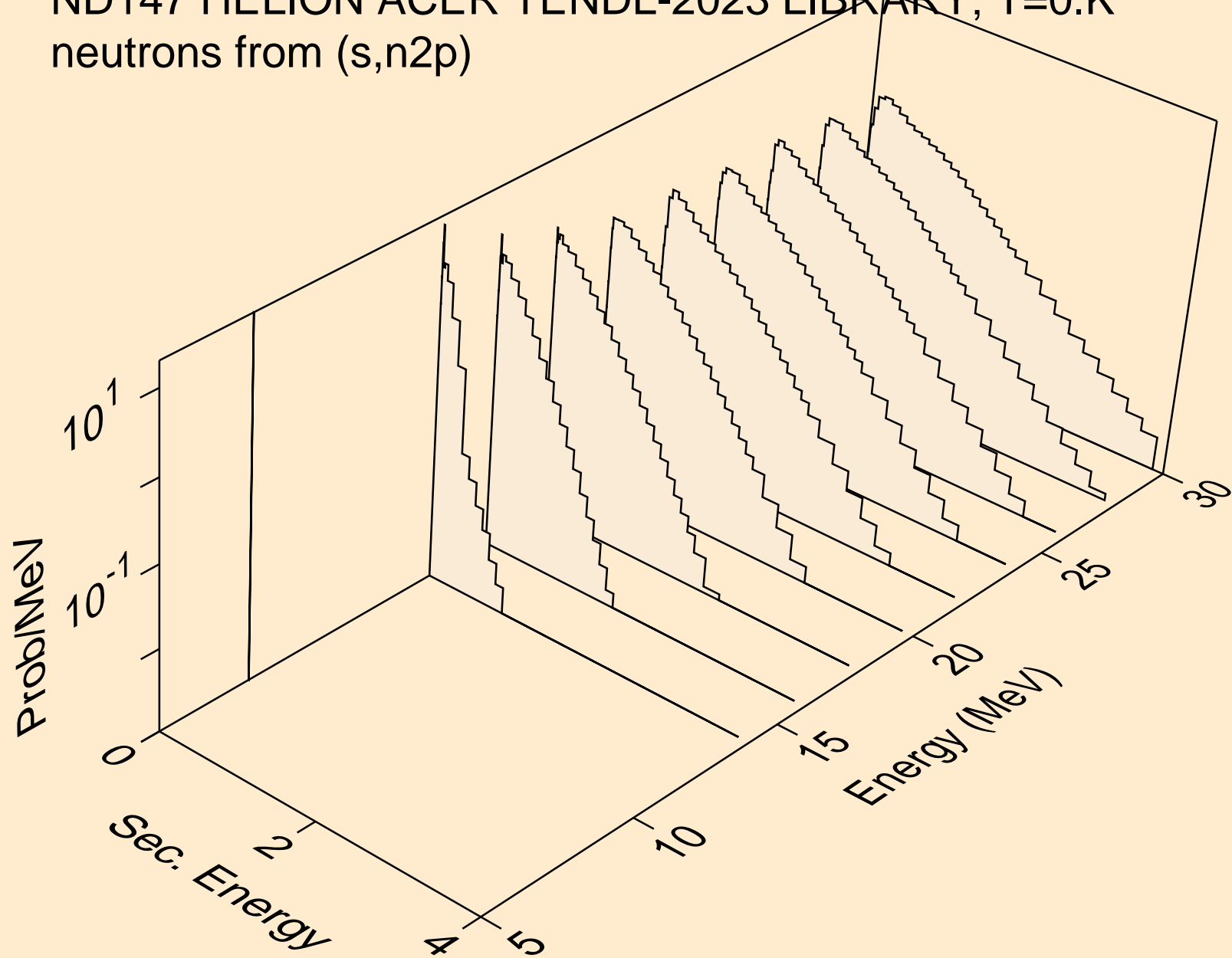
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,2np)



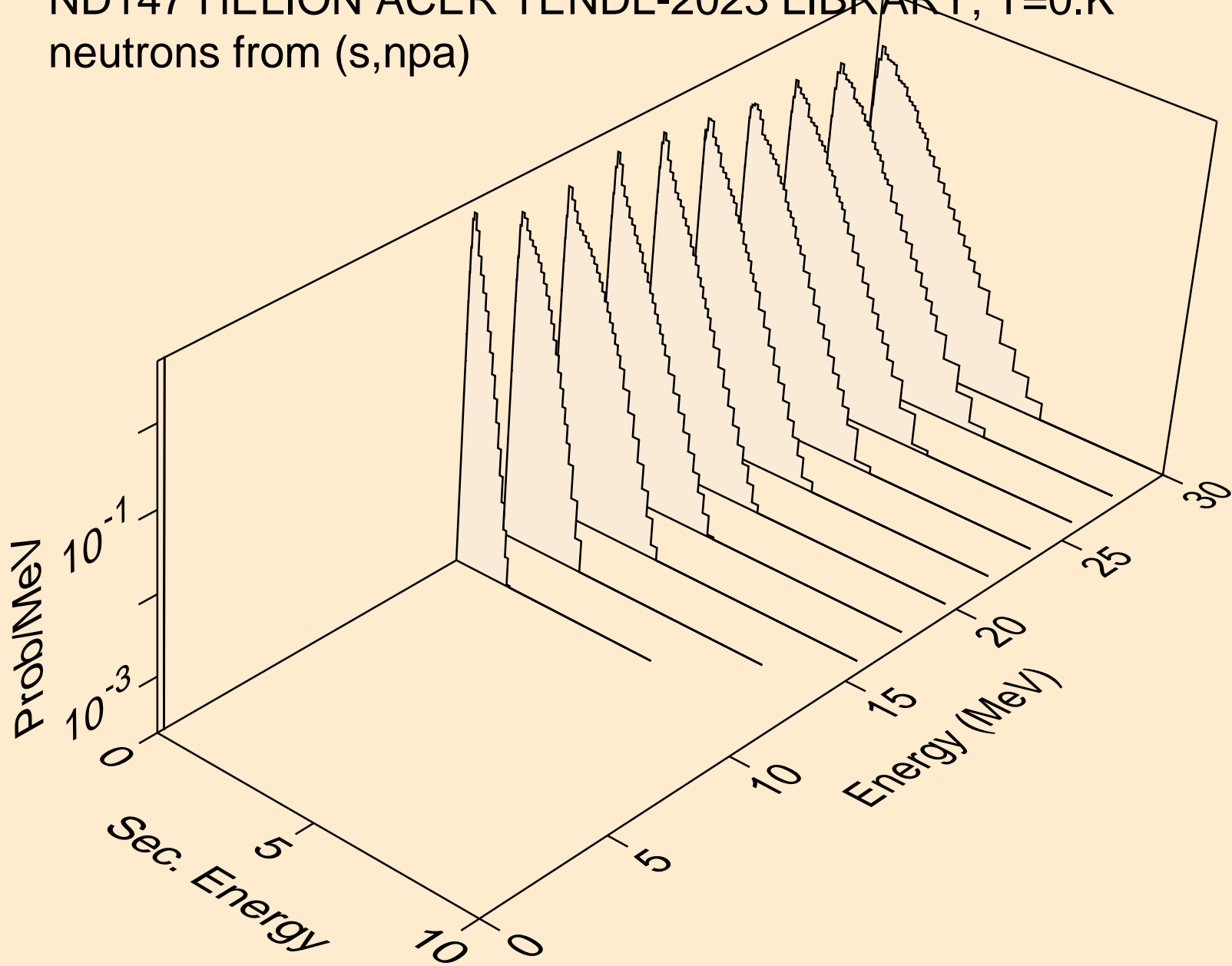
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,3np)



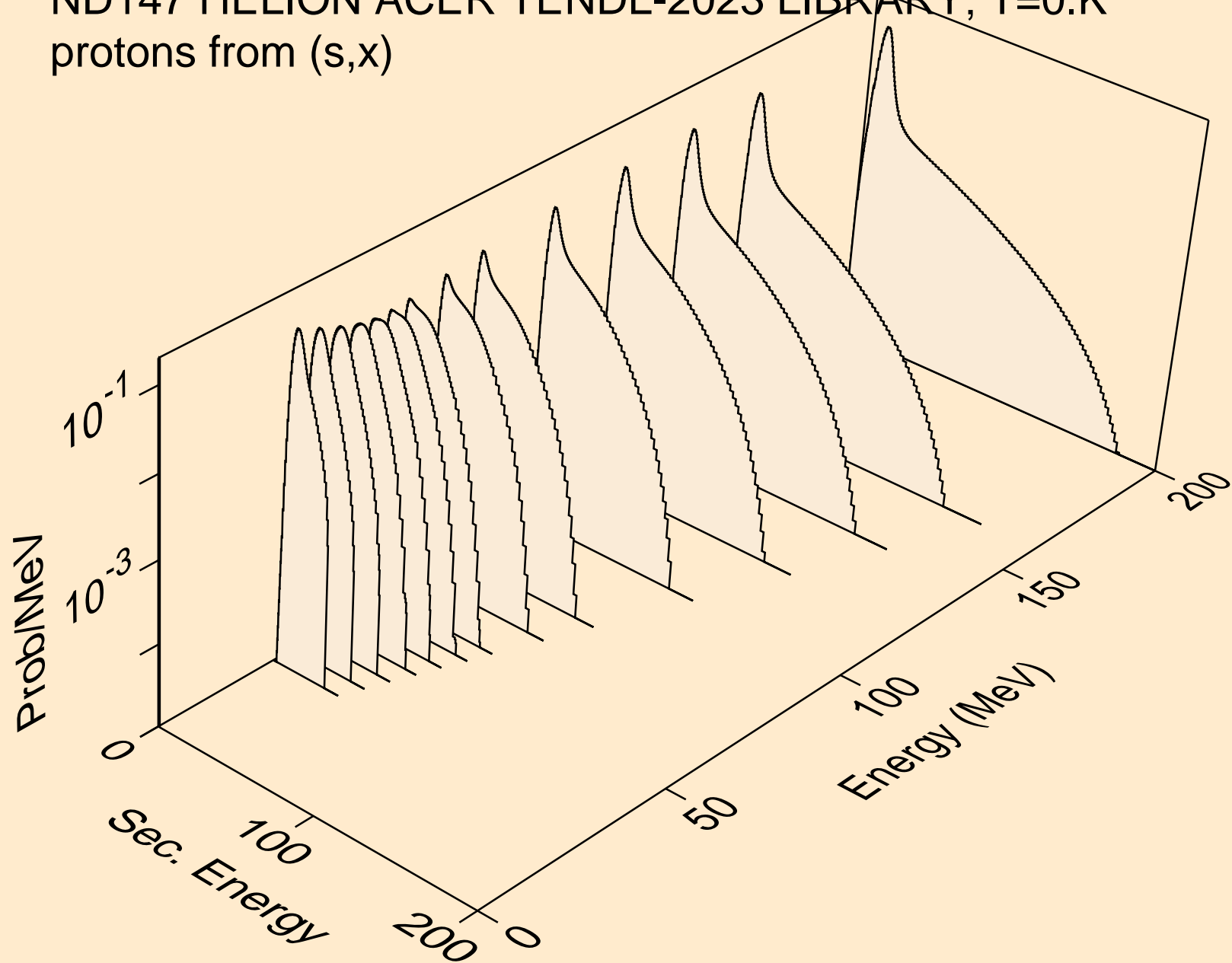
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,n2p)



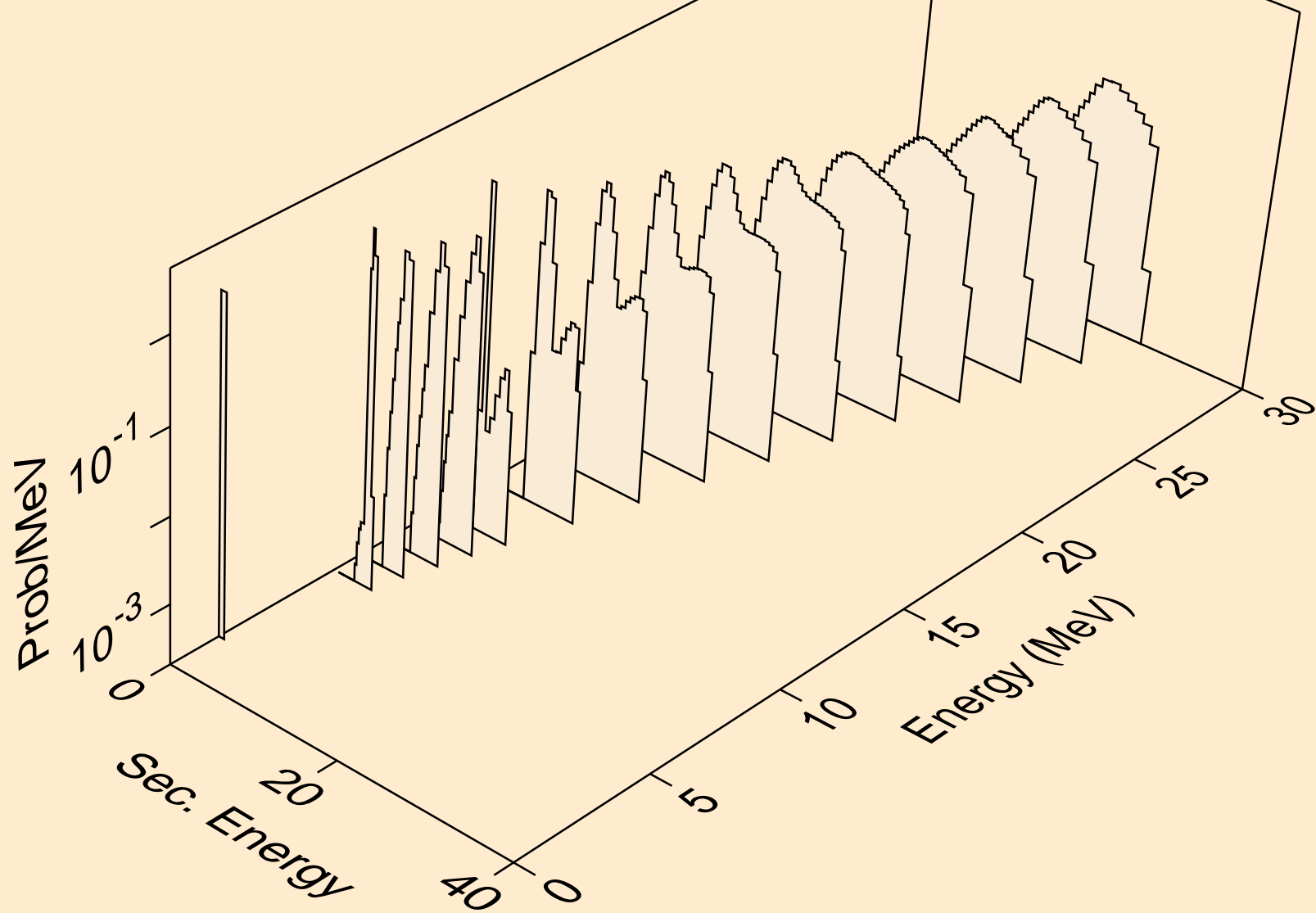
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,npa)



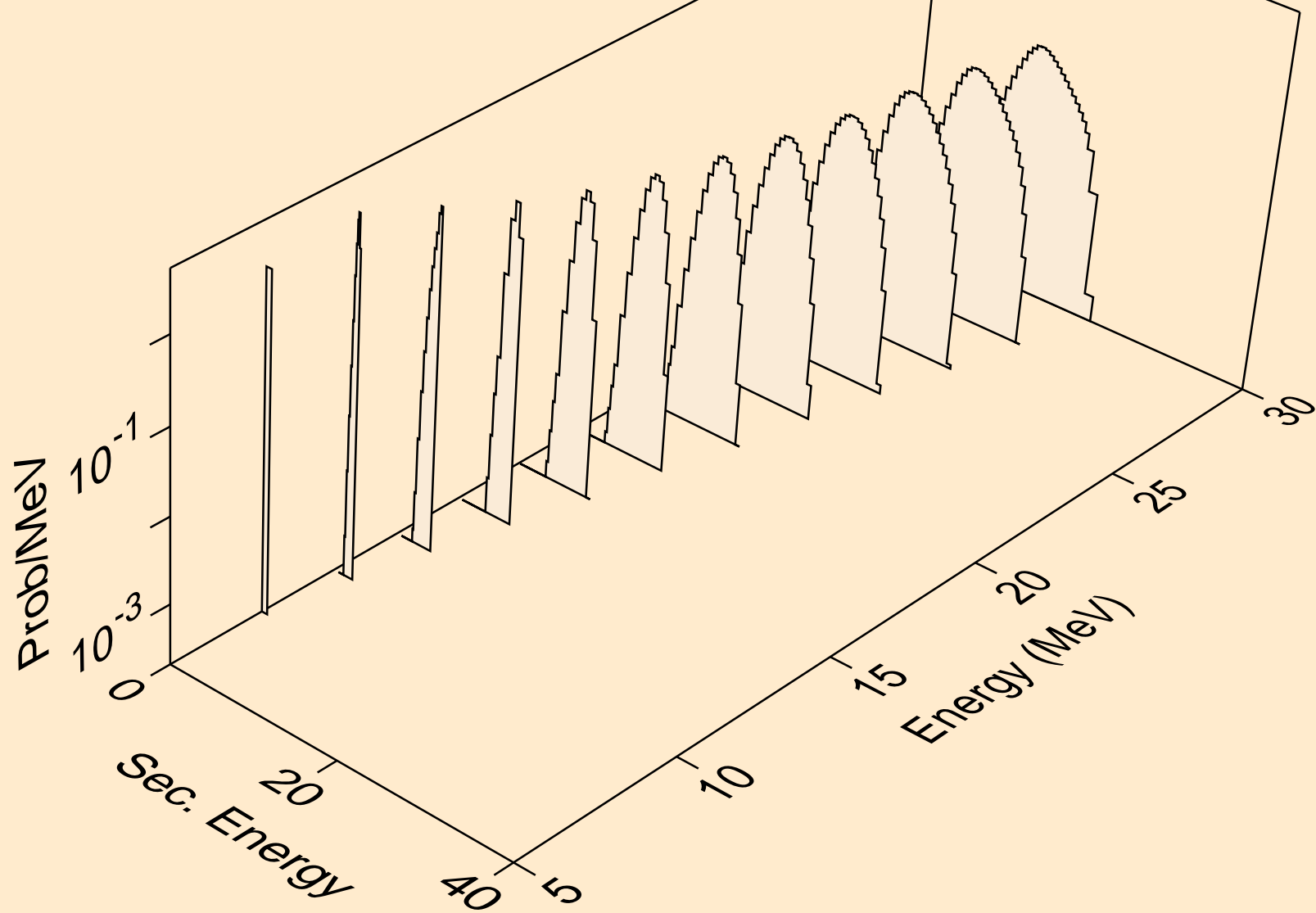
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
protons from (s,x)



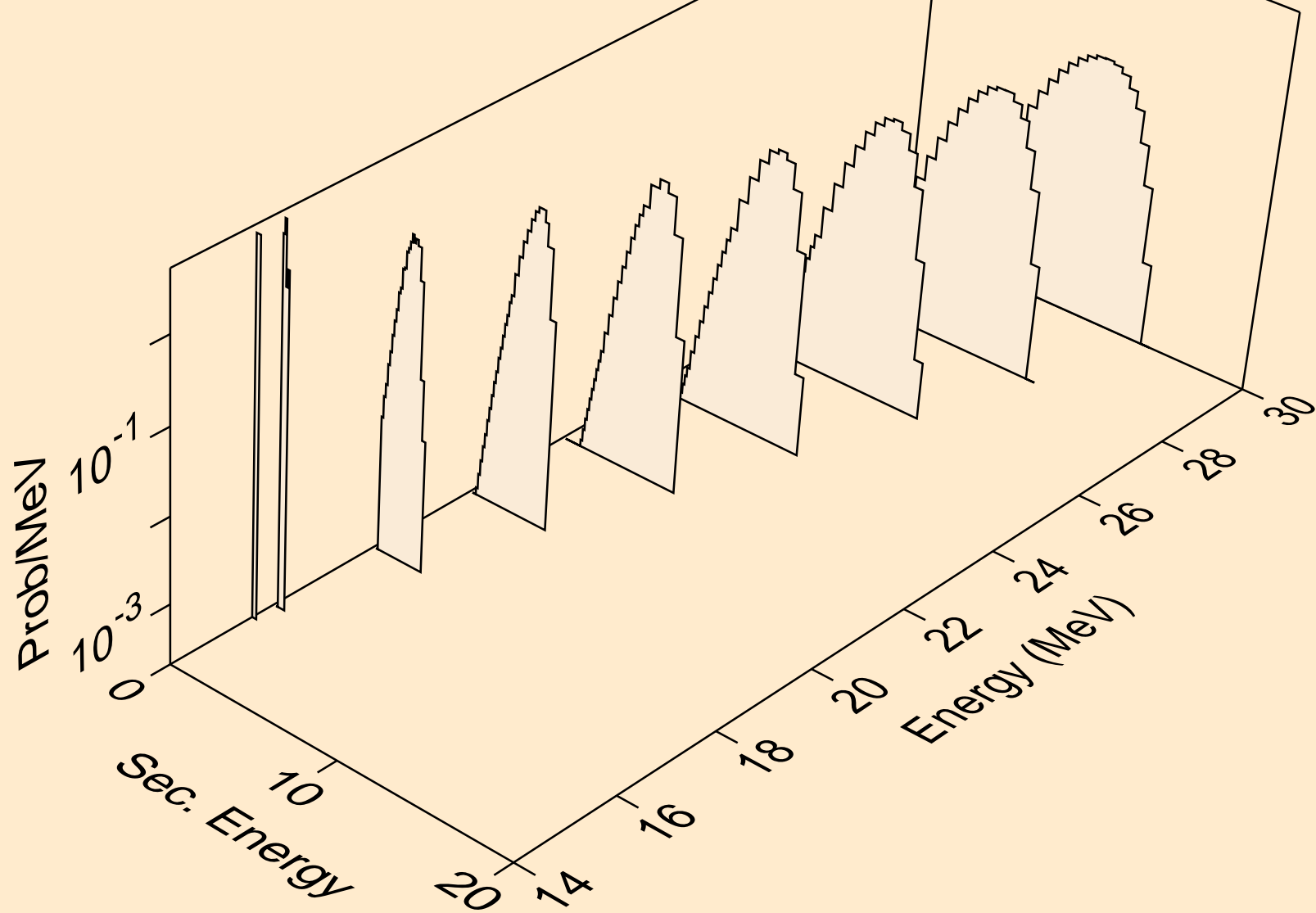
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
protons from (s,n*)p



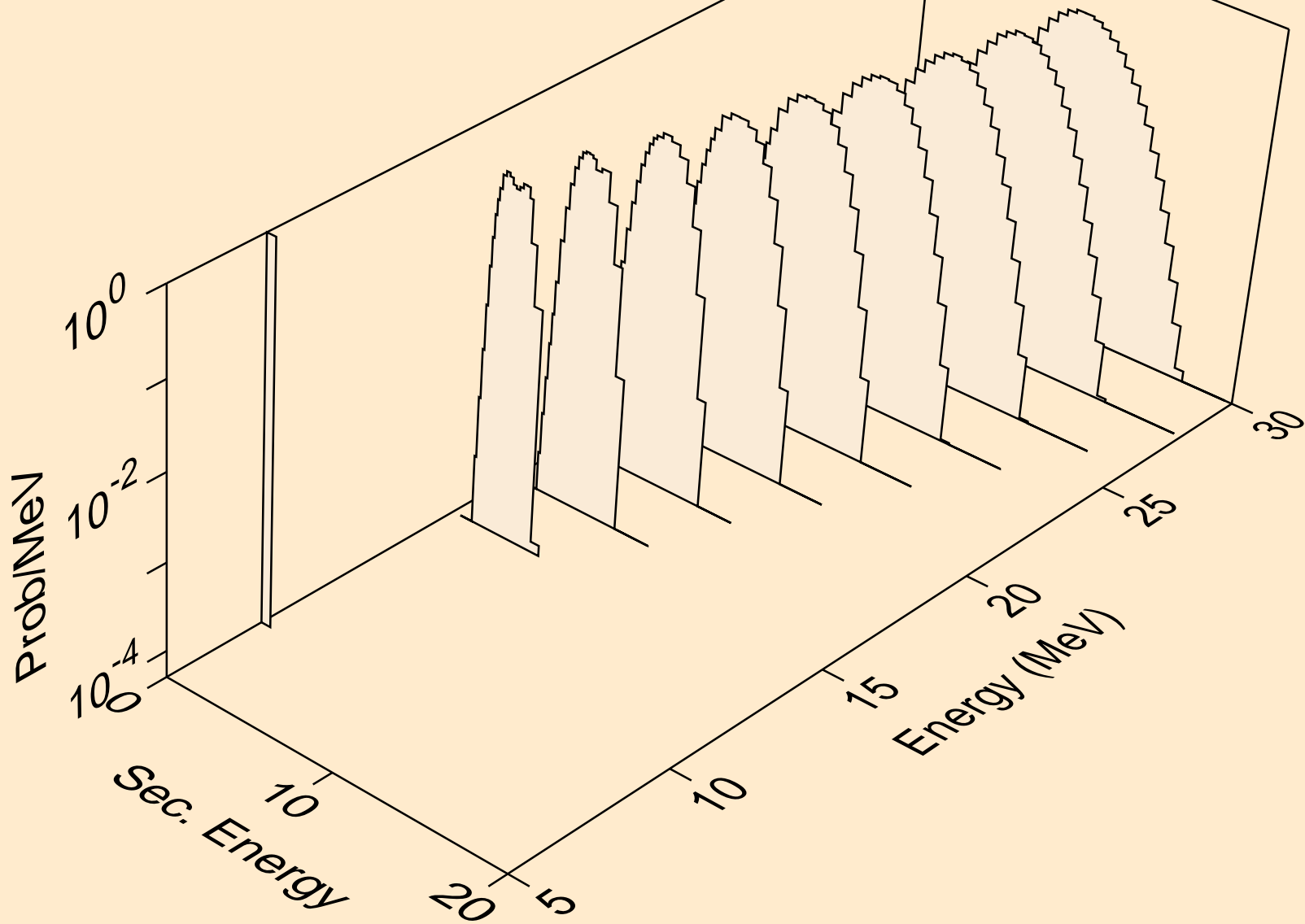
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
protons from (s,2np)



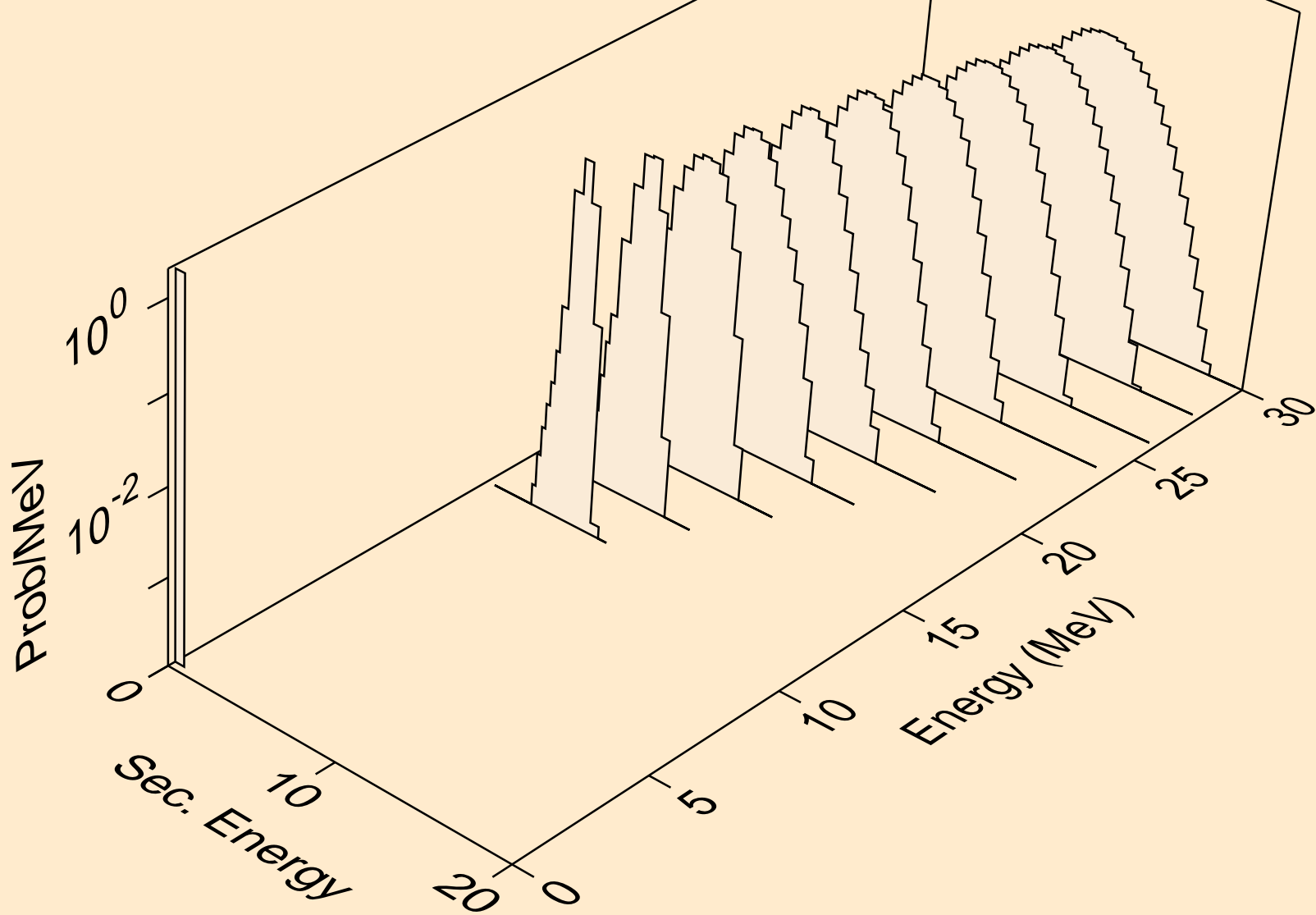
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
protons from (s,3np)



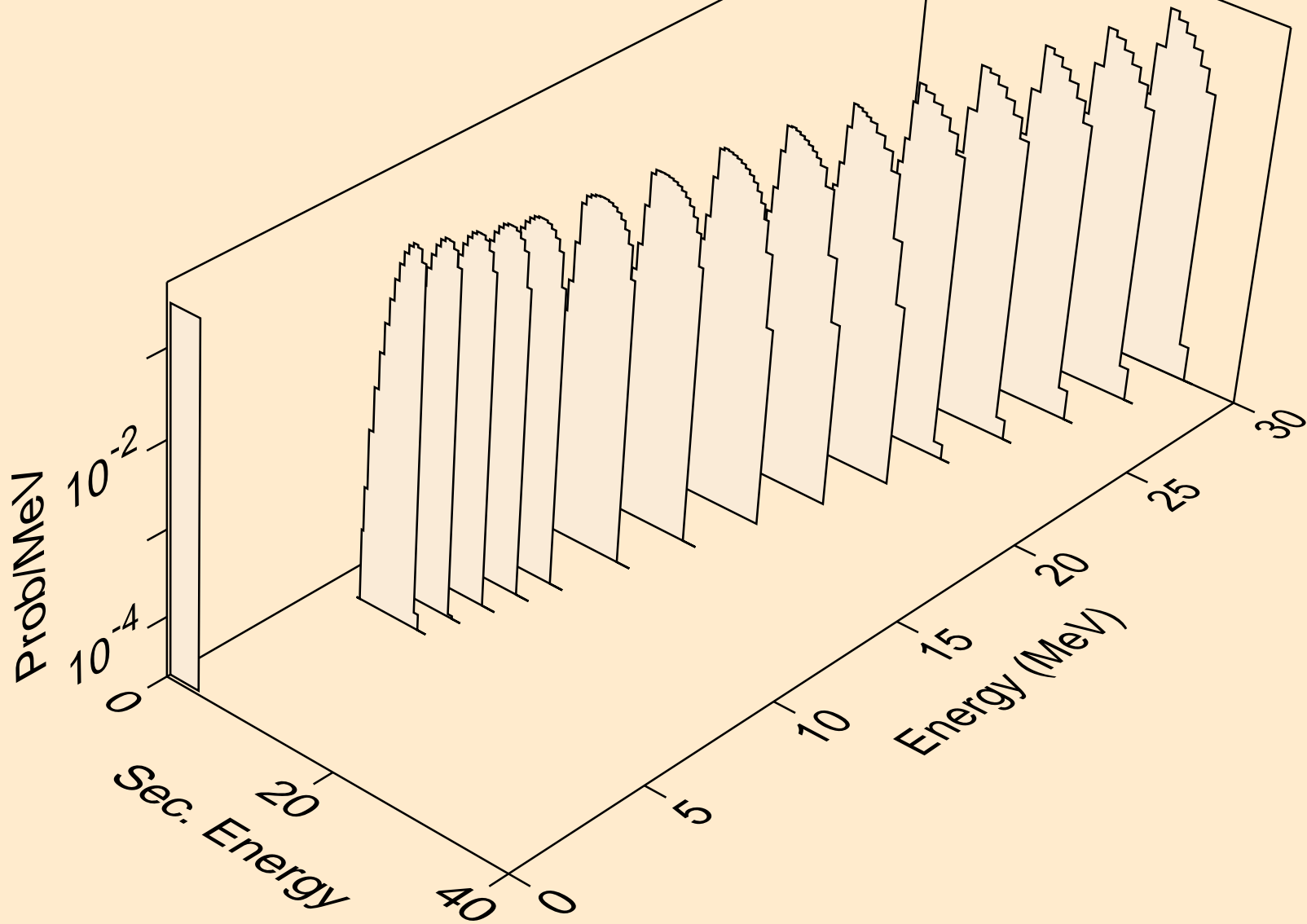
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
protons from (s,n2p)



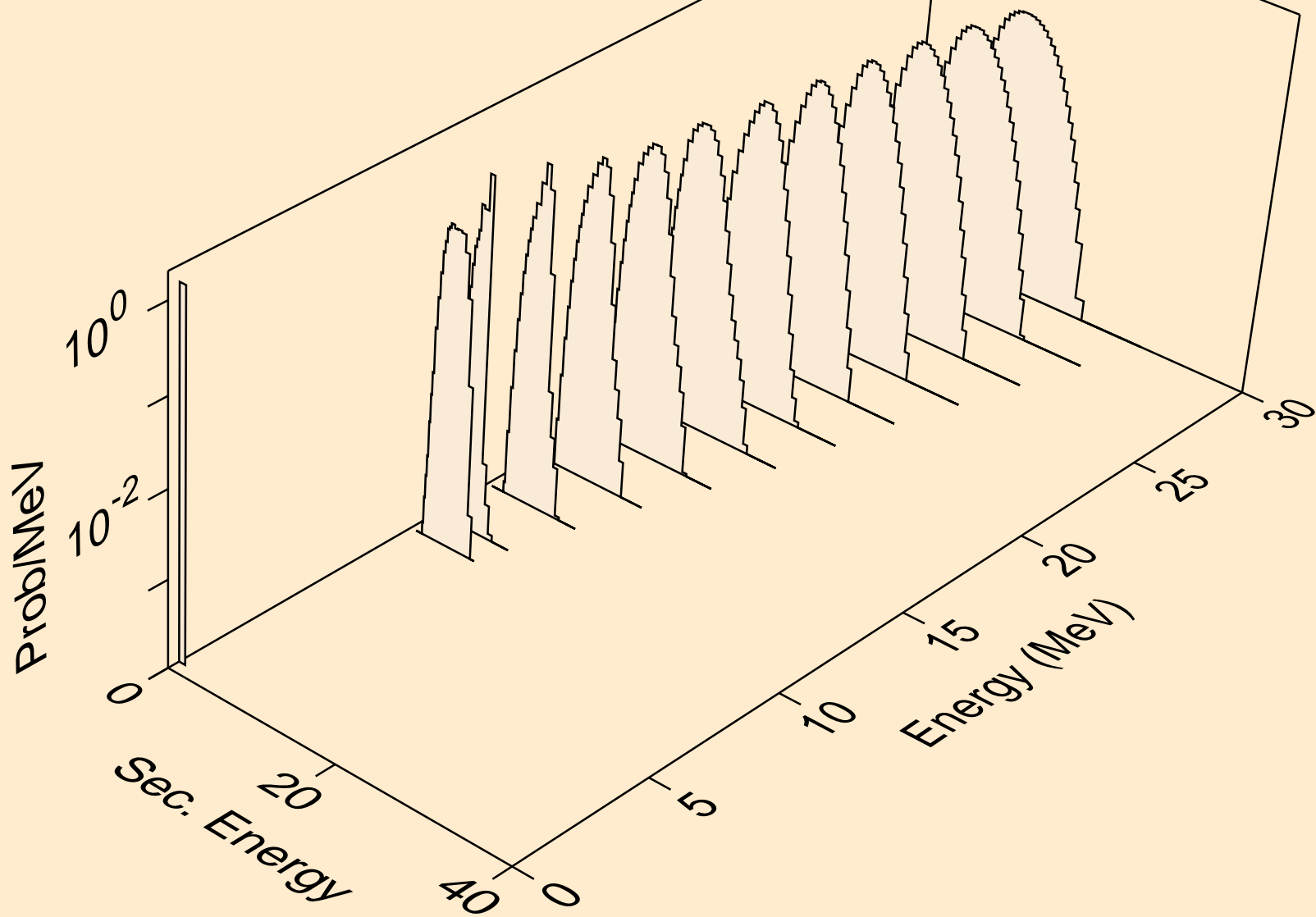
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
protons from (s,npa)



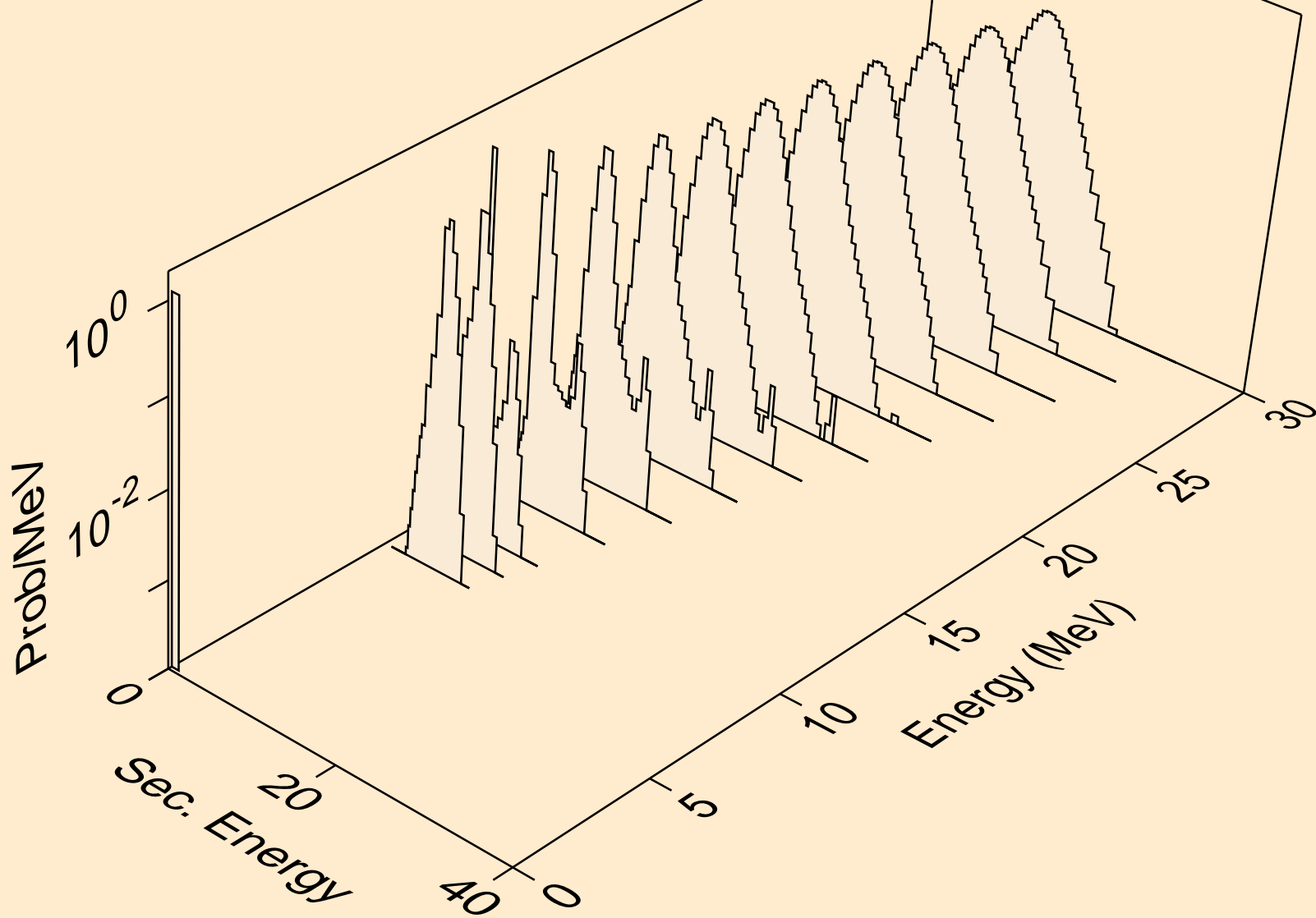
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
protons from (s,p)



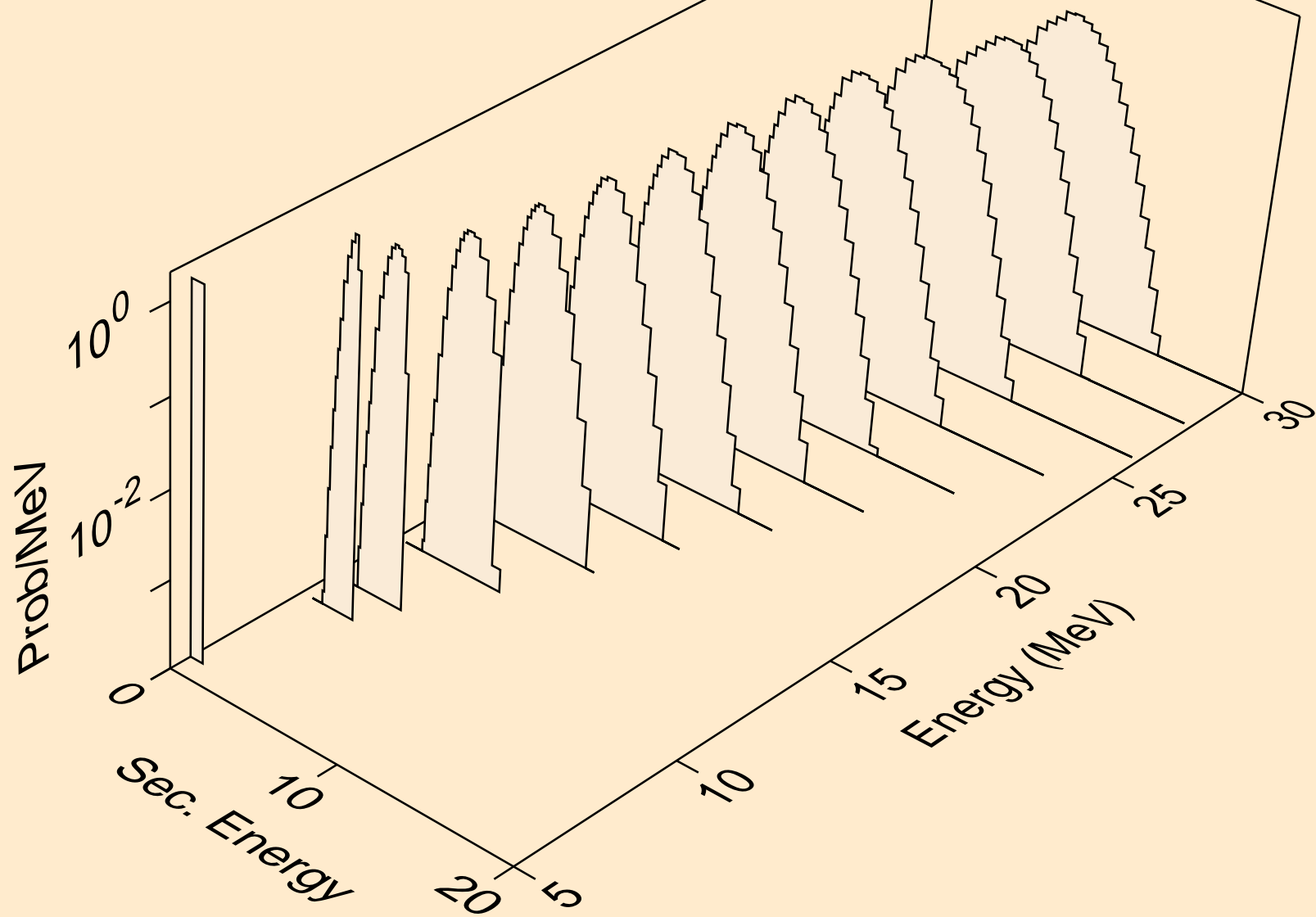
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
protons from (s,2p)



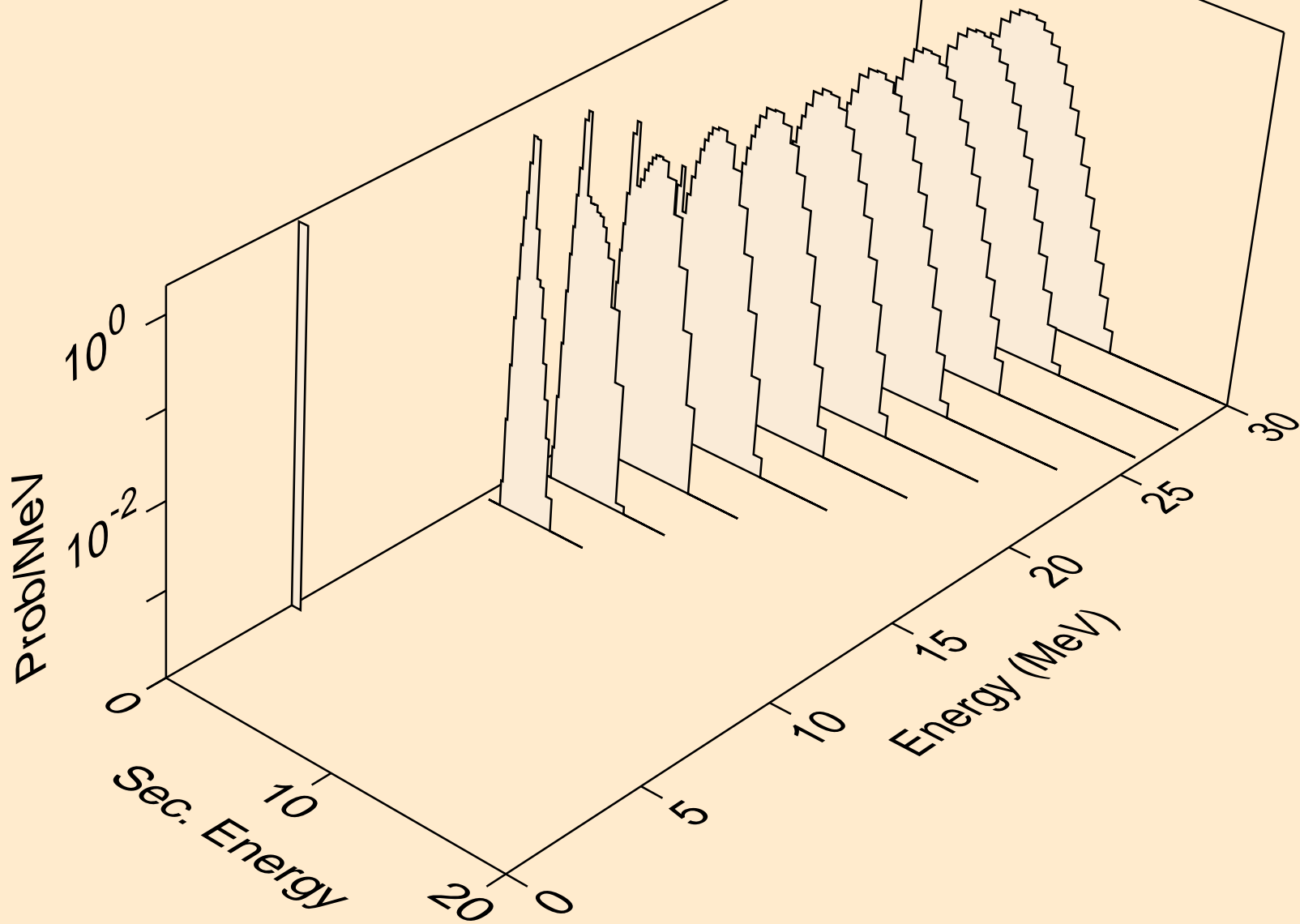
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
protons from (s,pa)



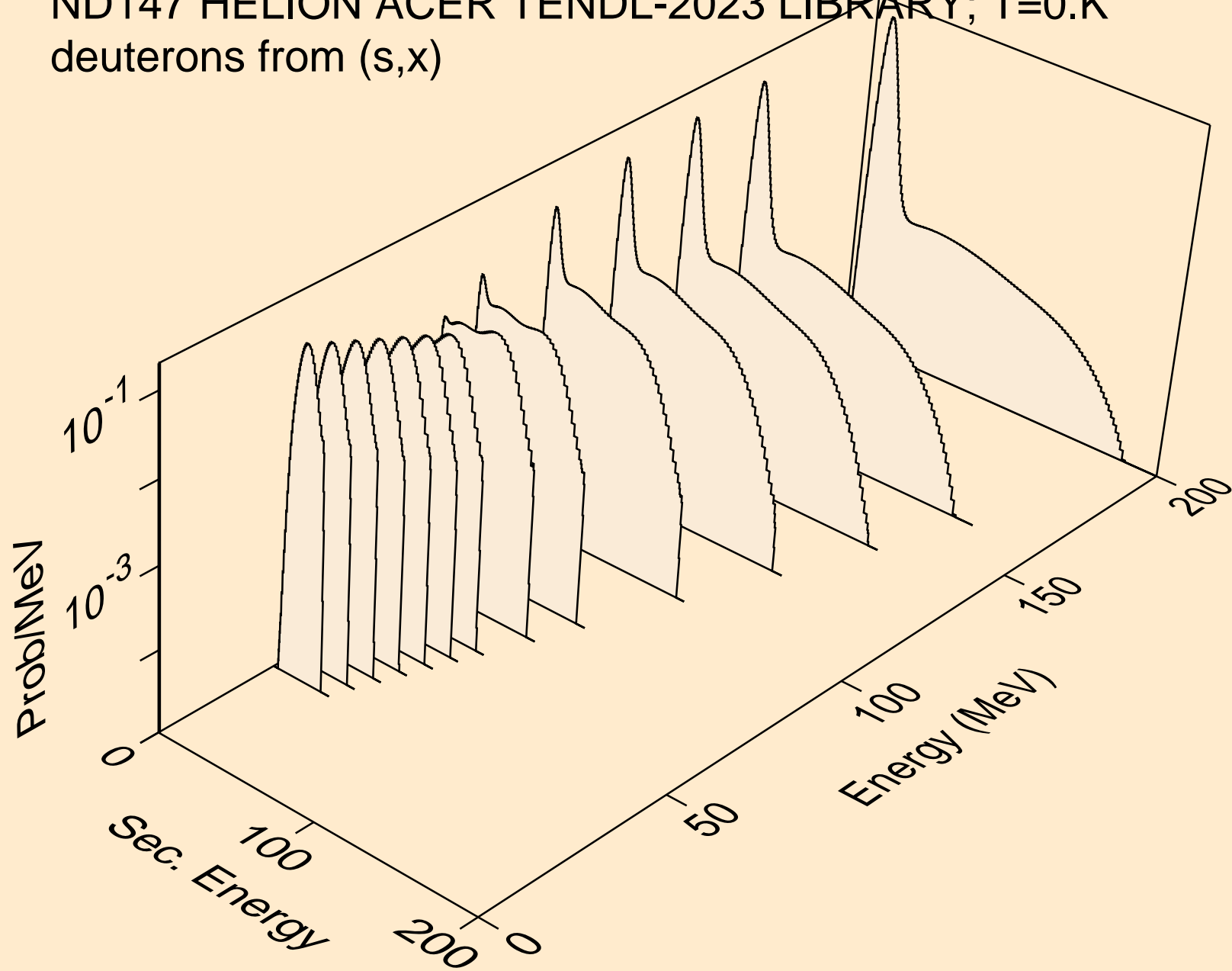
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
protons from (s,pd)



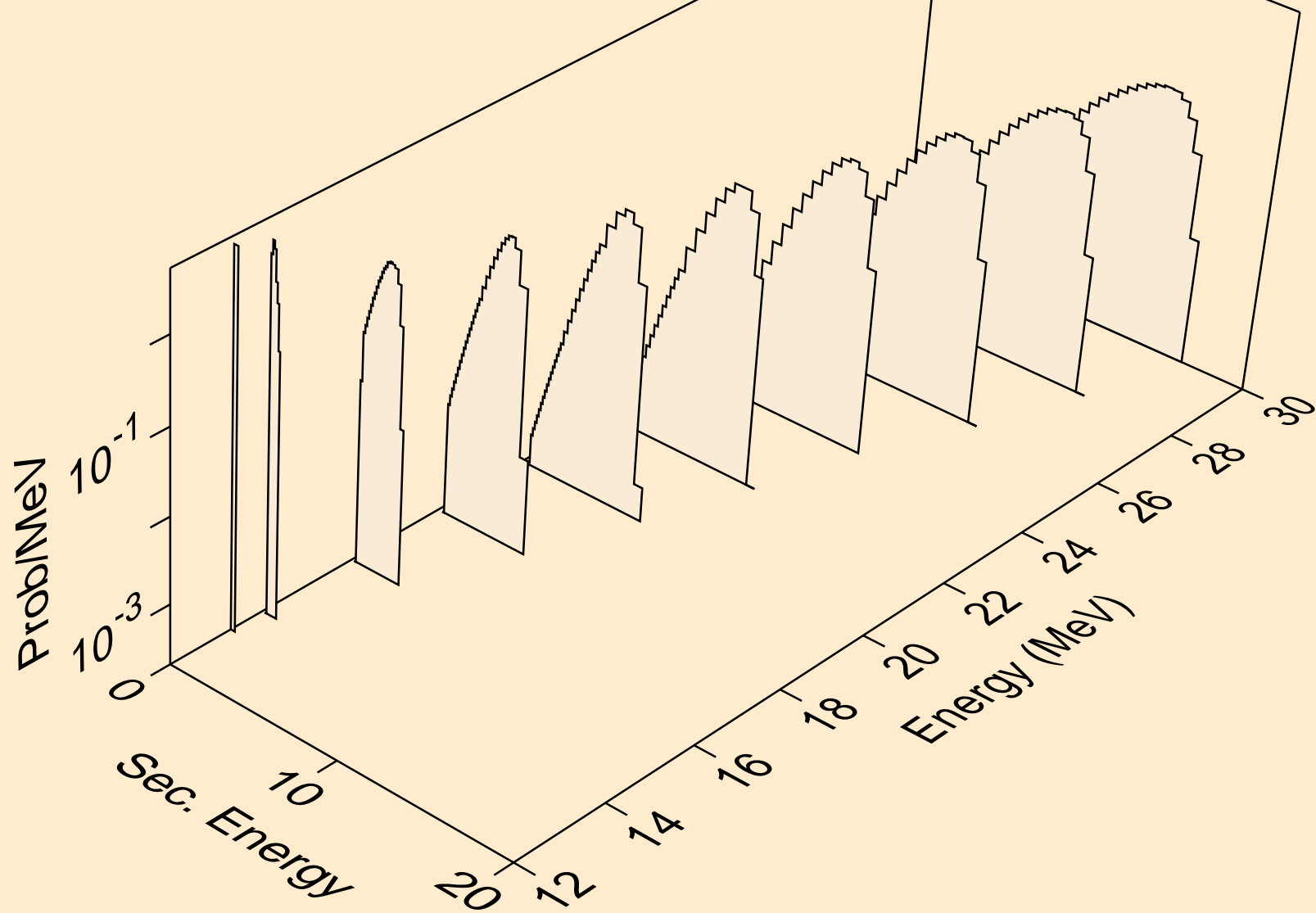
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
protons from (s,pt)



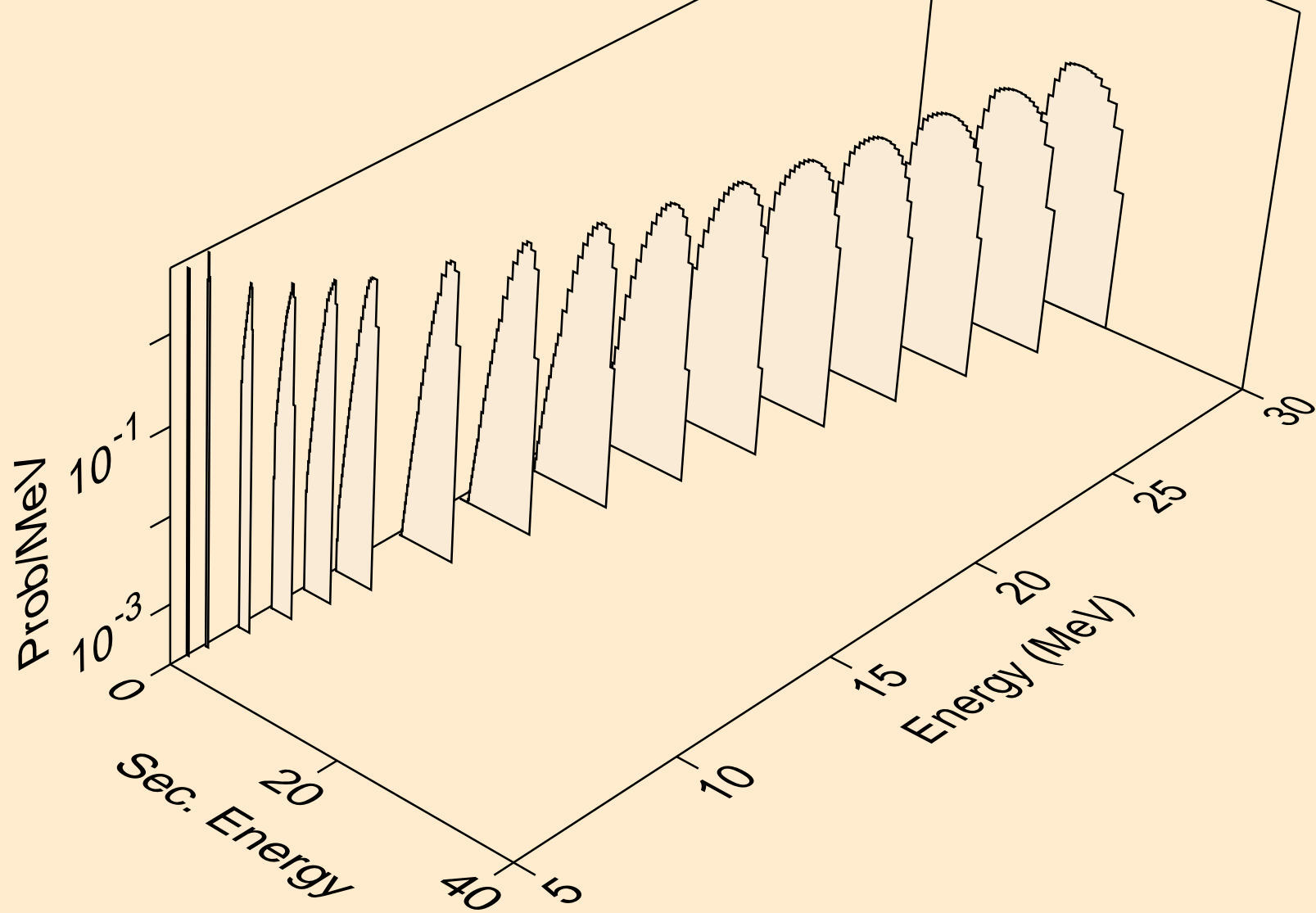
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (s,x)



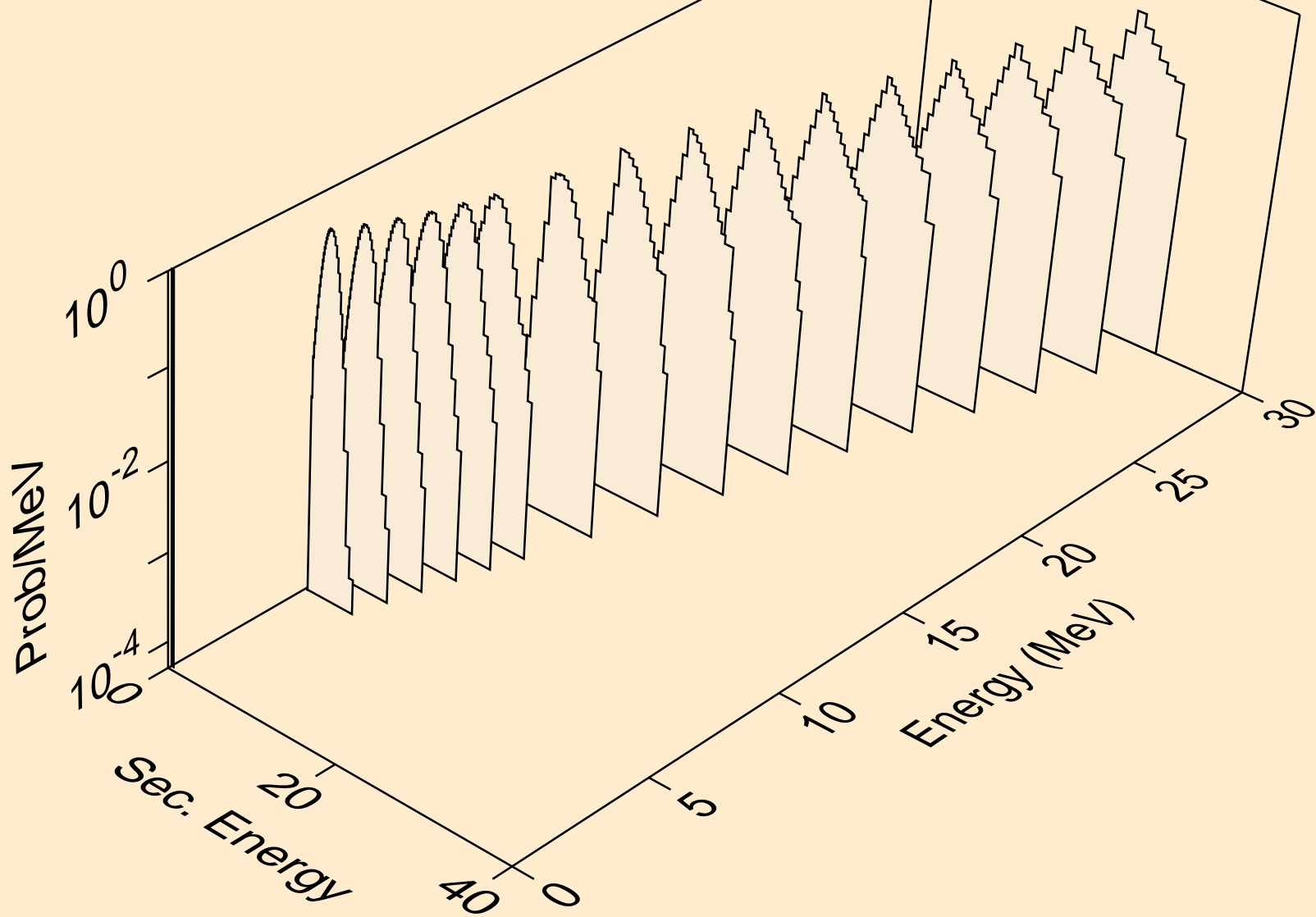
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (s,2nd)



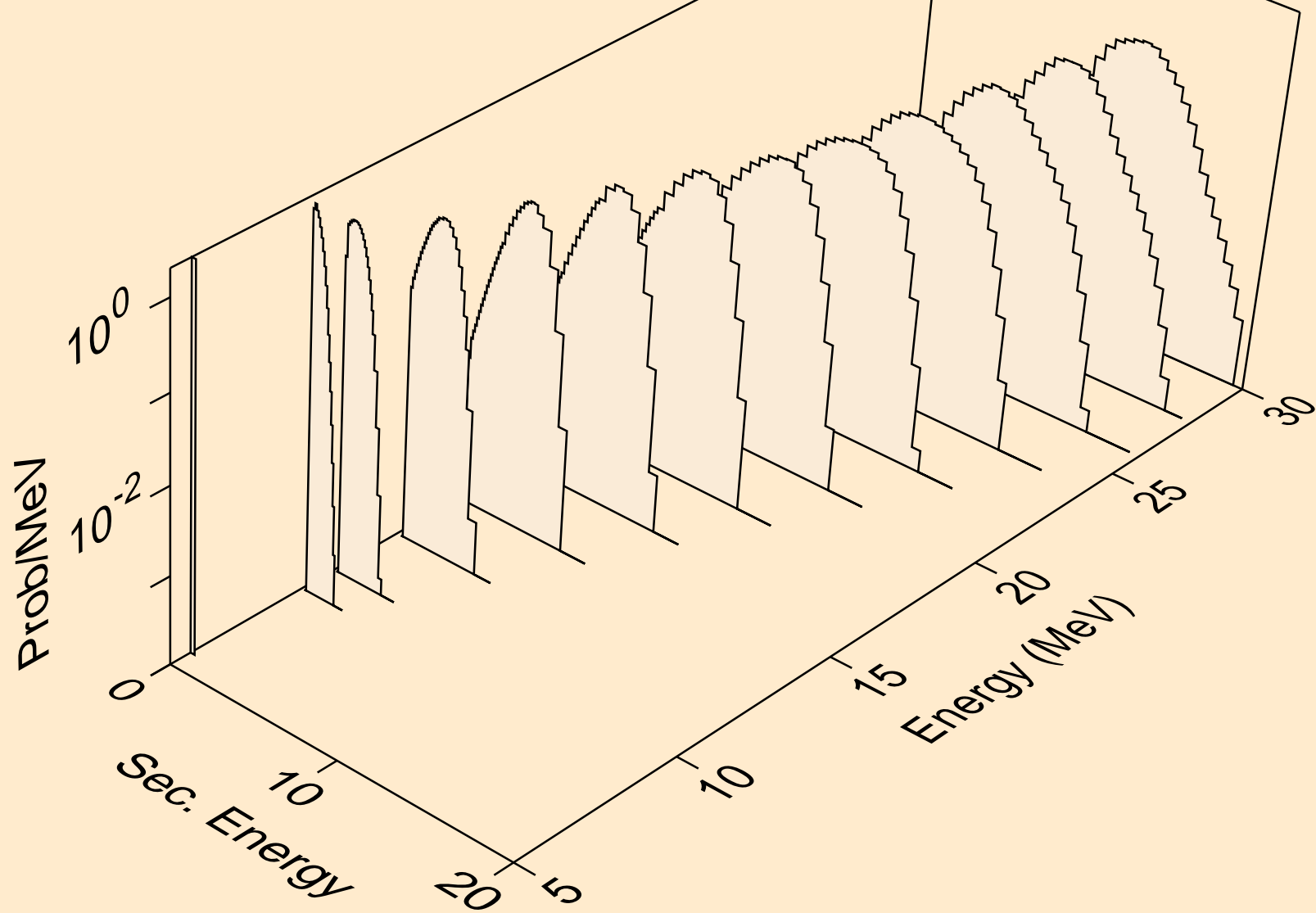
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (s,n*)d



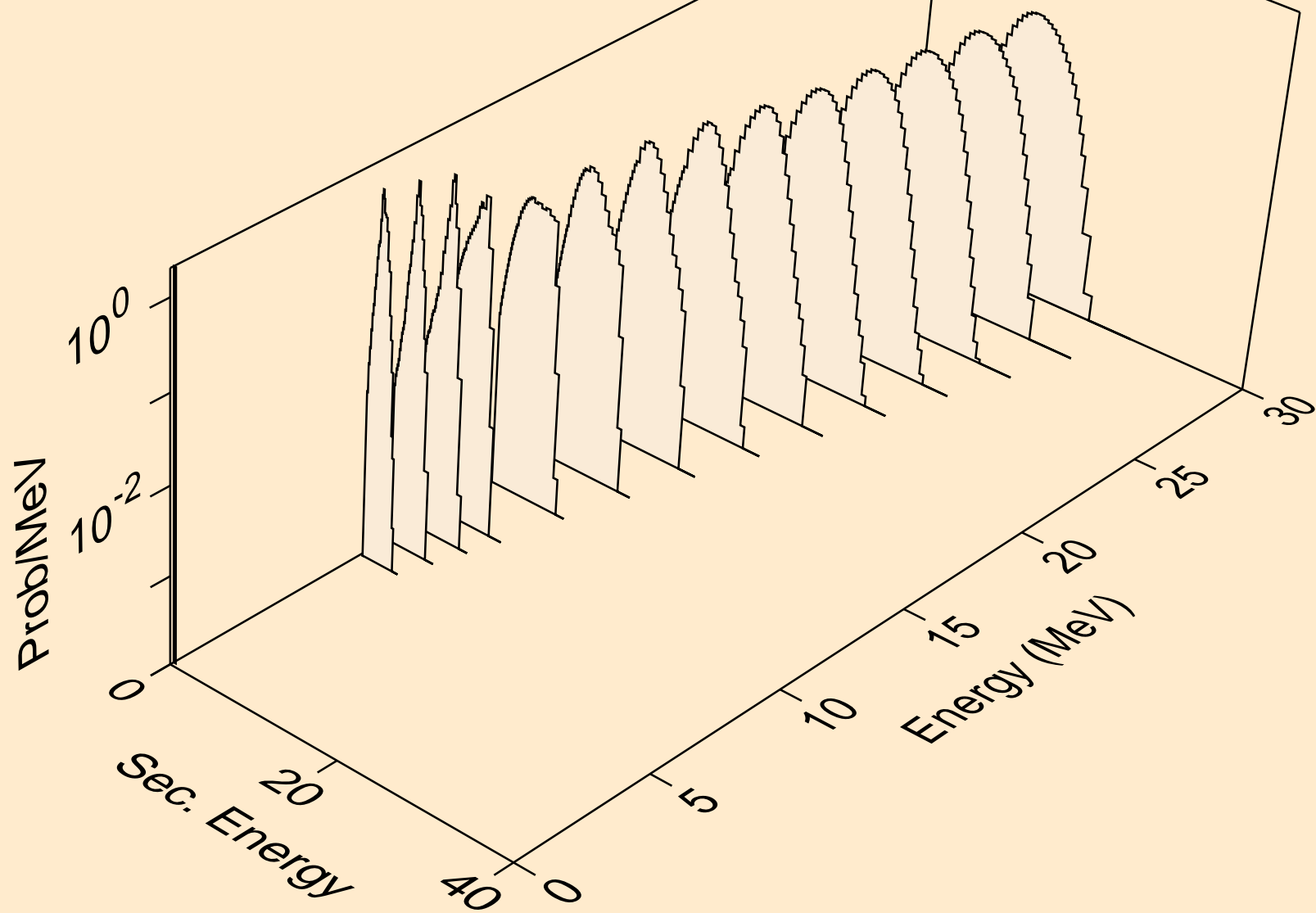
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (s,d)



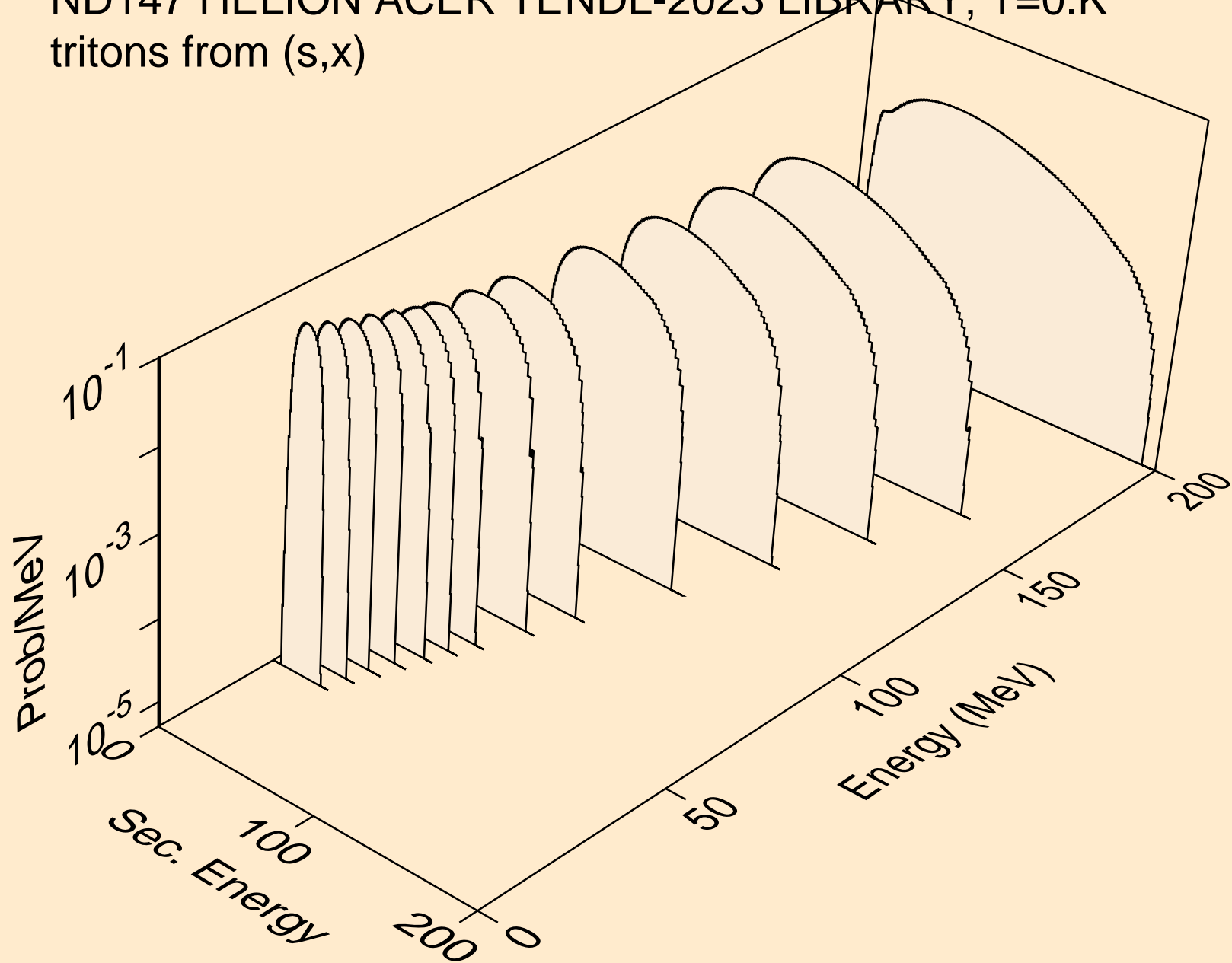
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (s,pd)



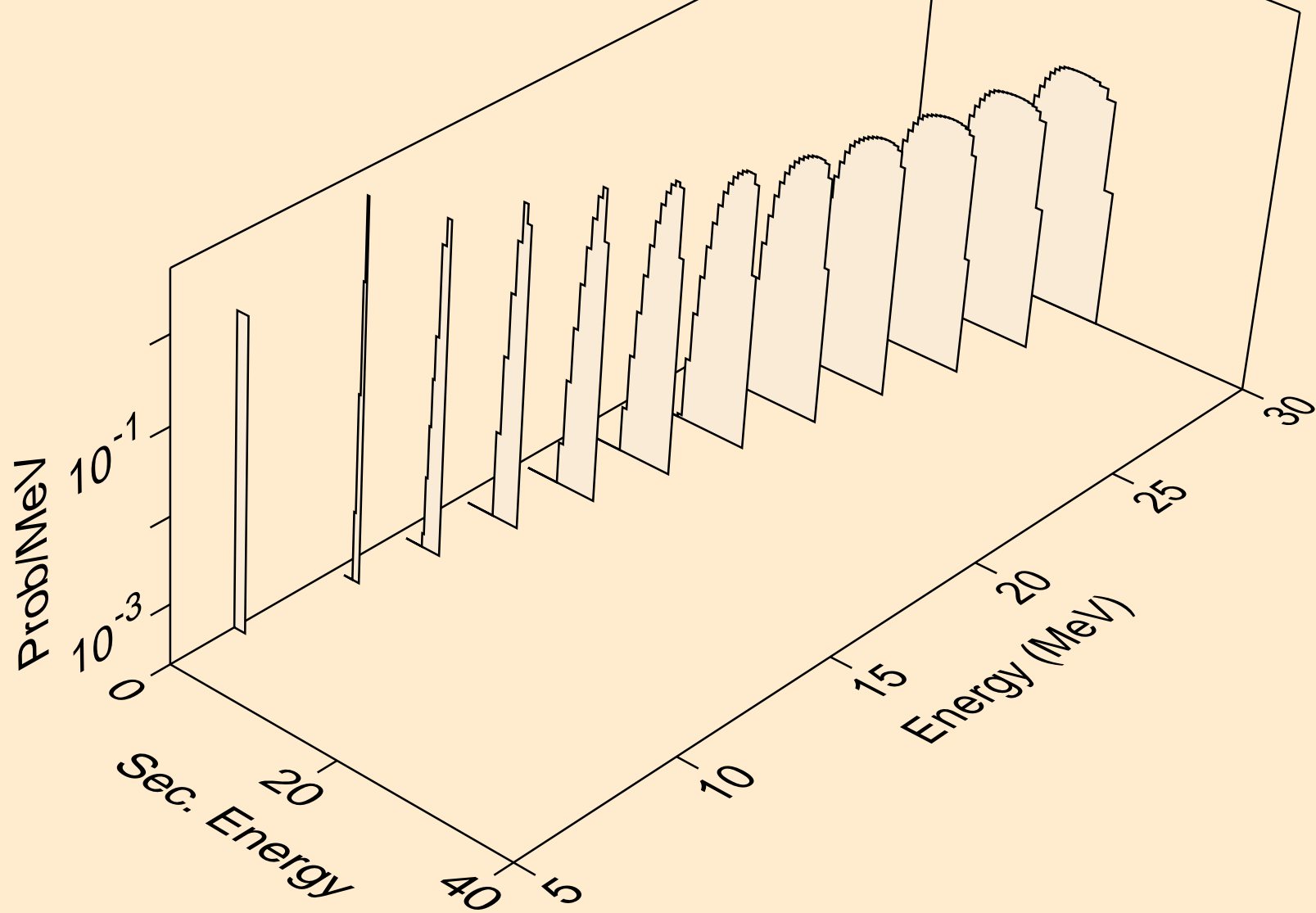
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (s,da)



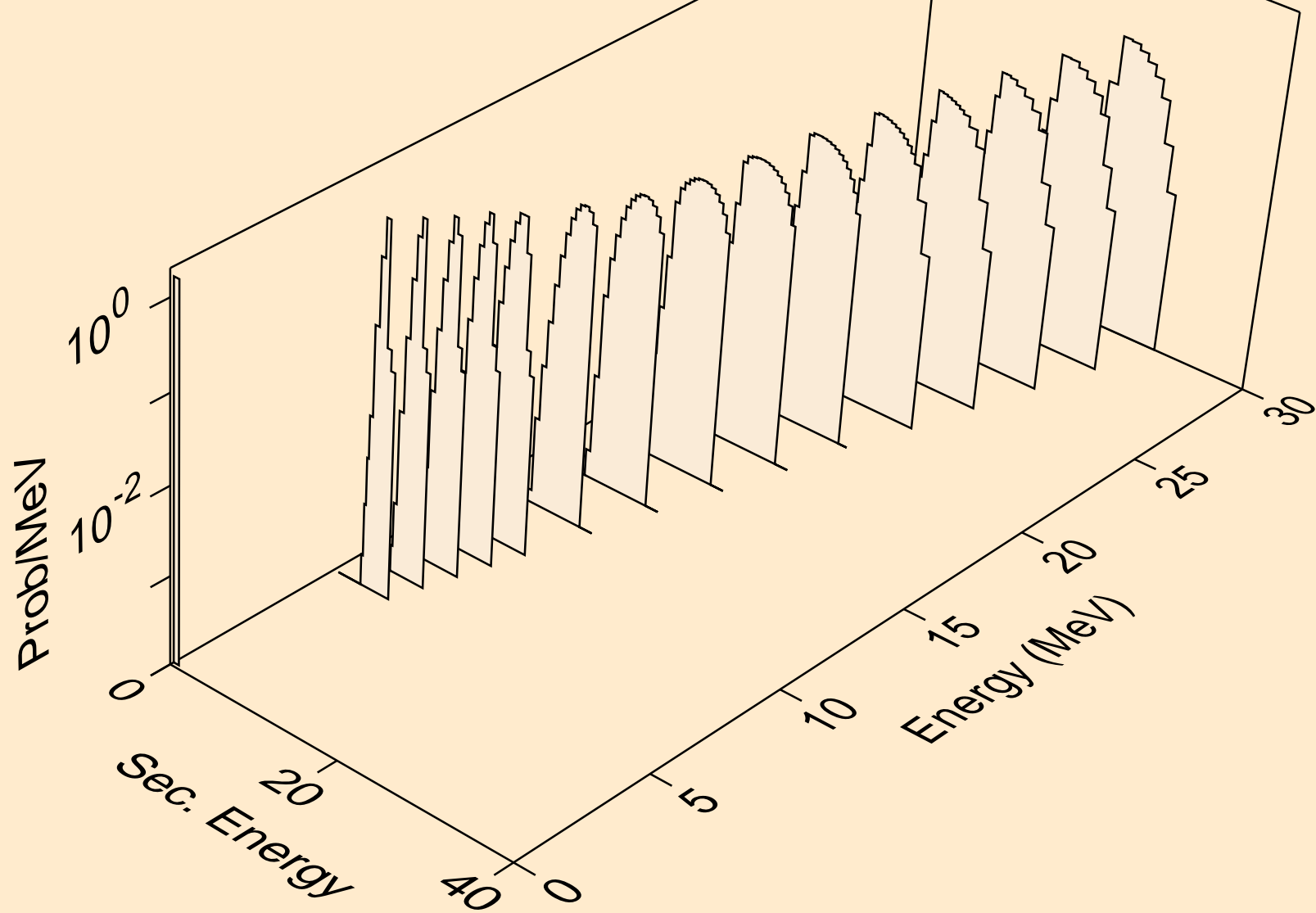
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
tritons from (s,x)



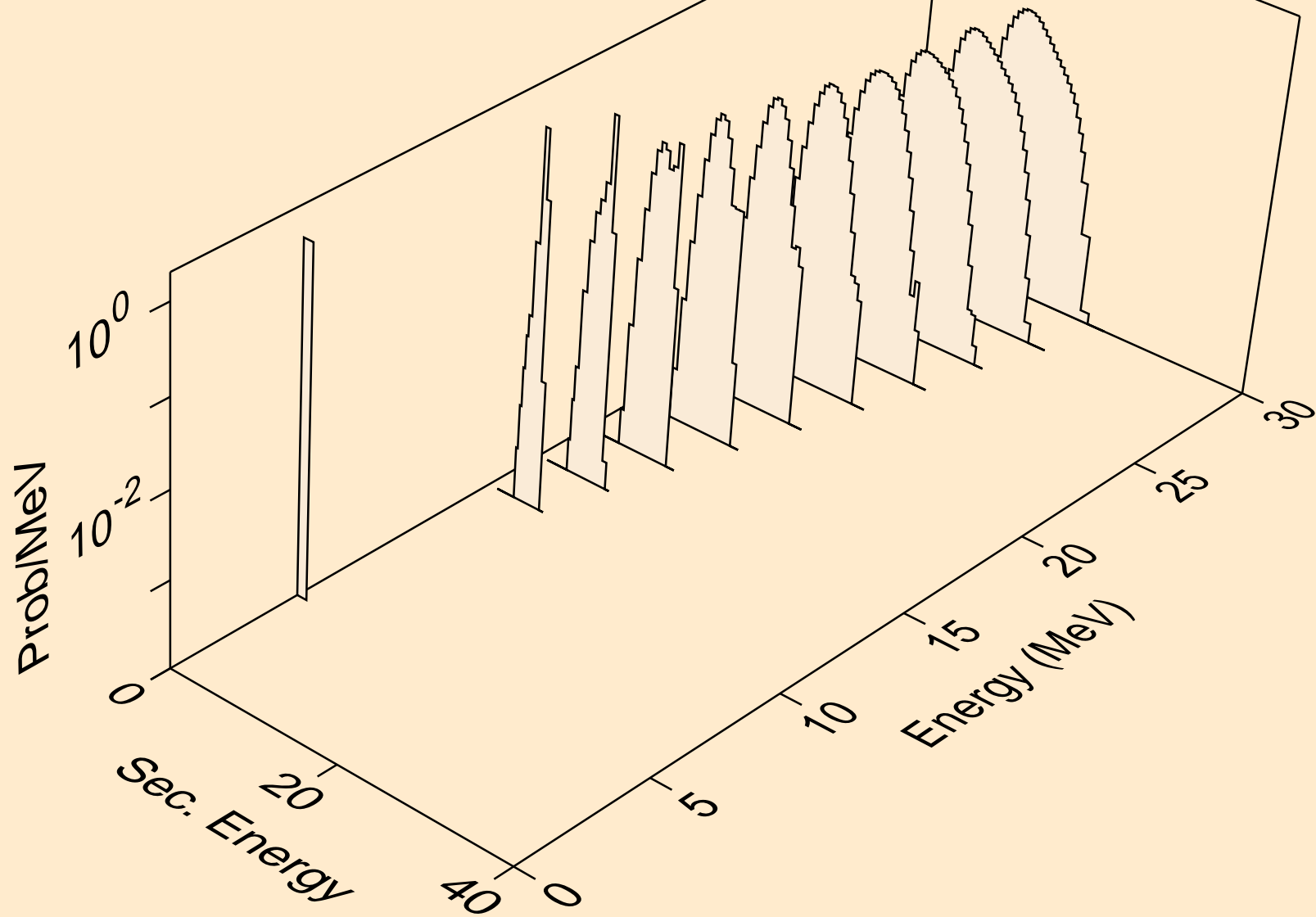
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
tritons from (s,n*)t



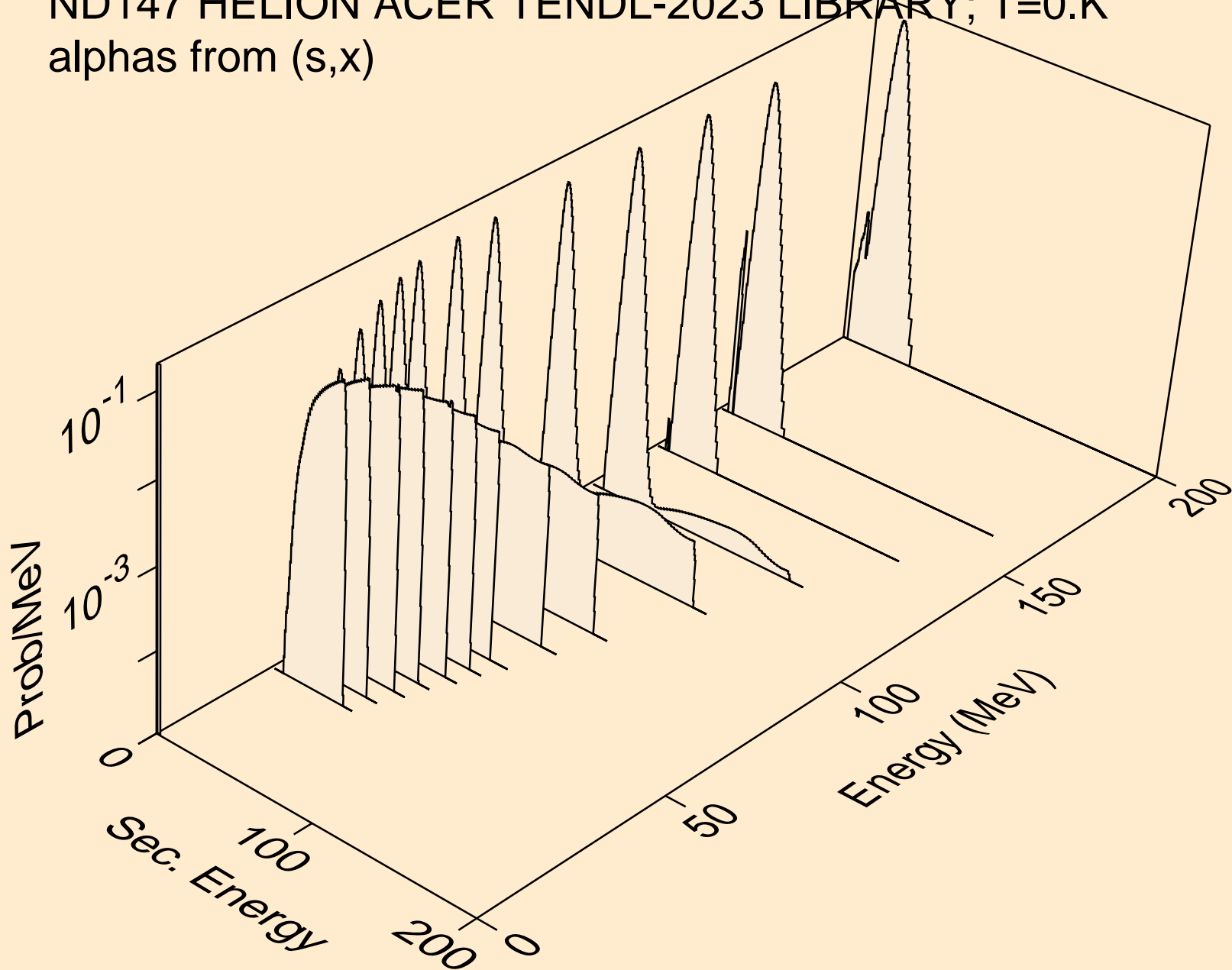
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
tritons from (s,t)



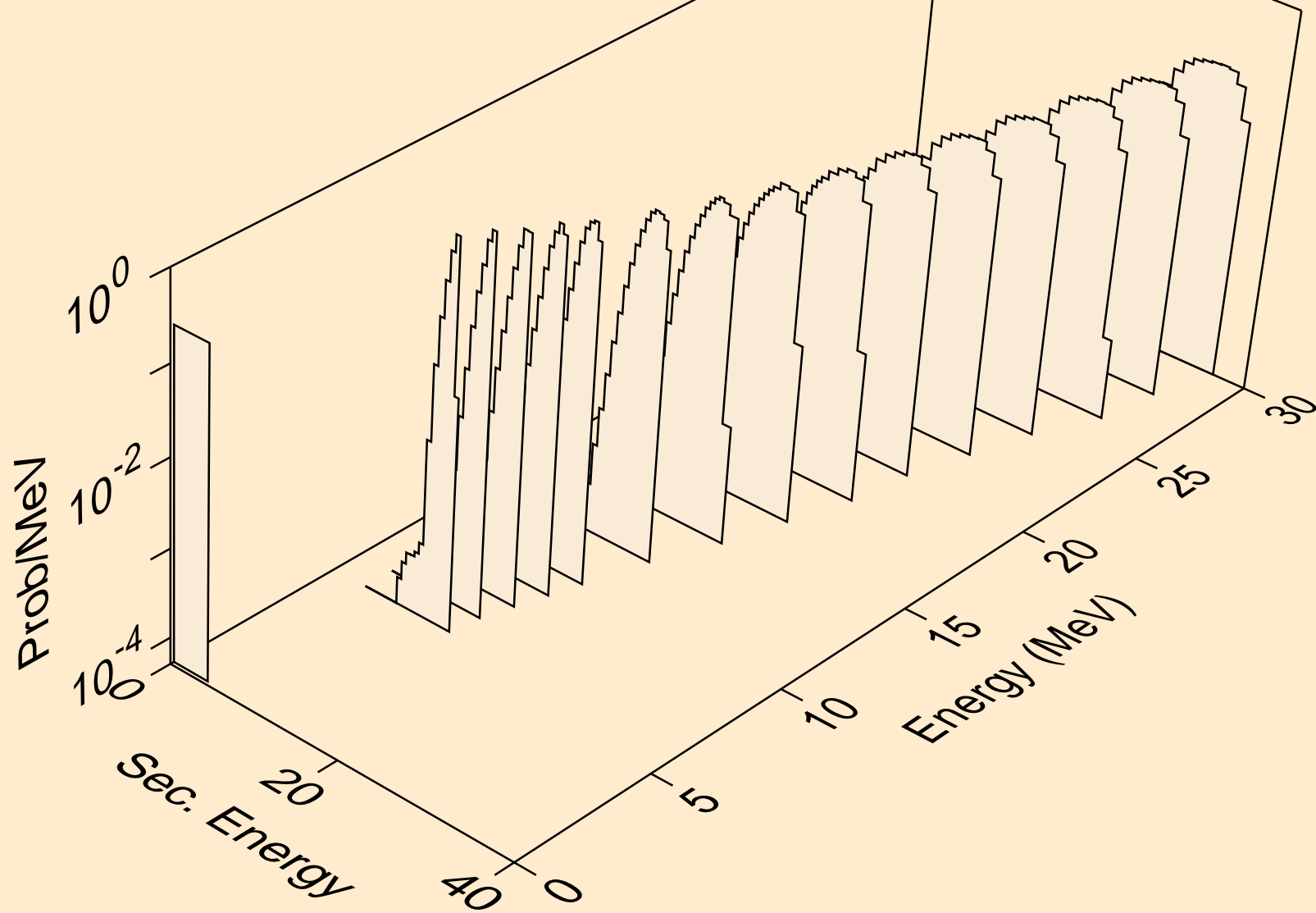
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
tritons from (s,pt)



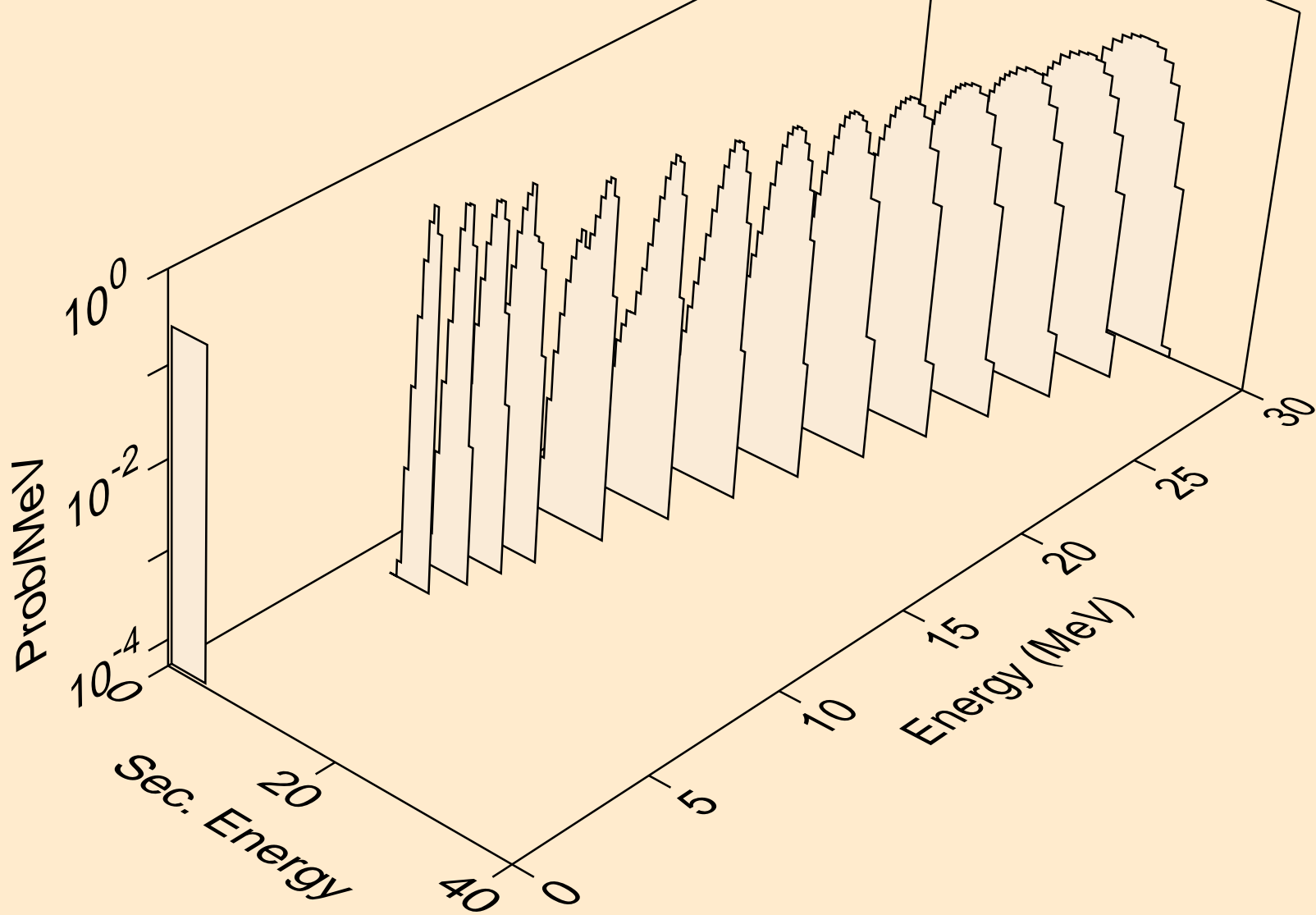
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,x)



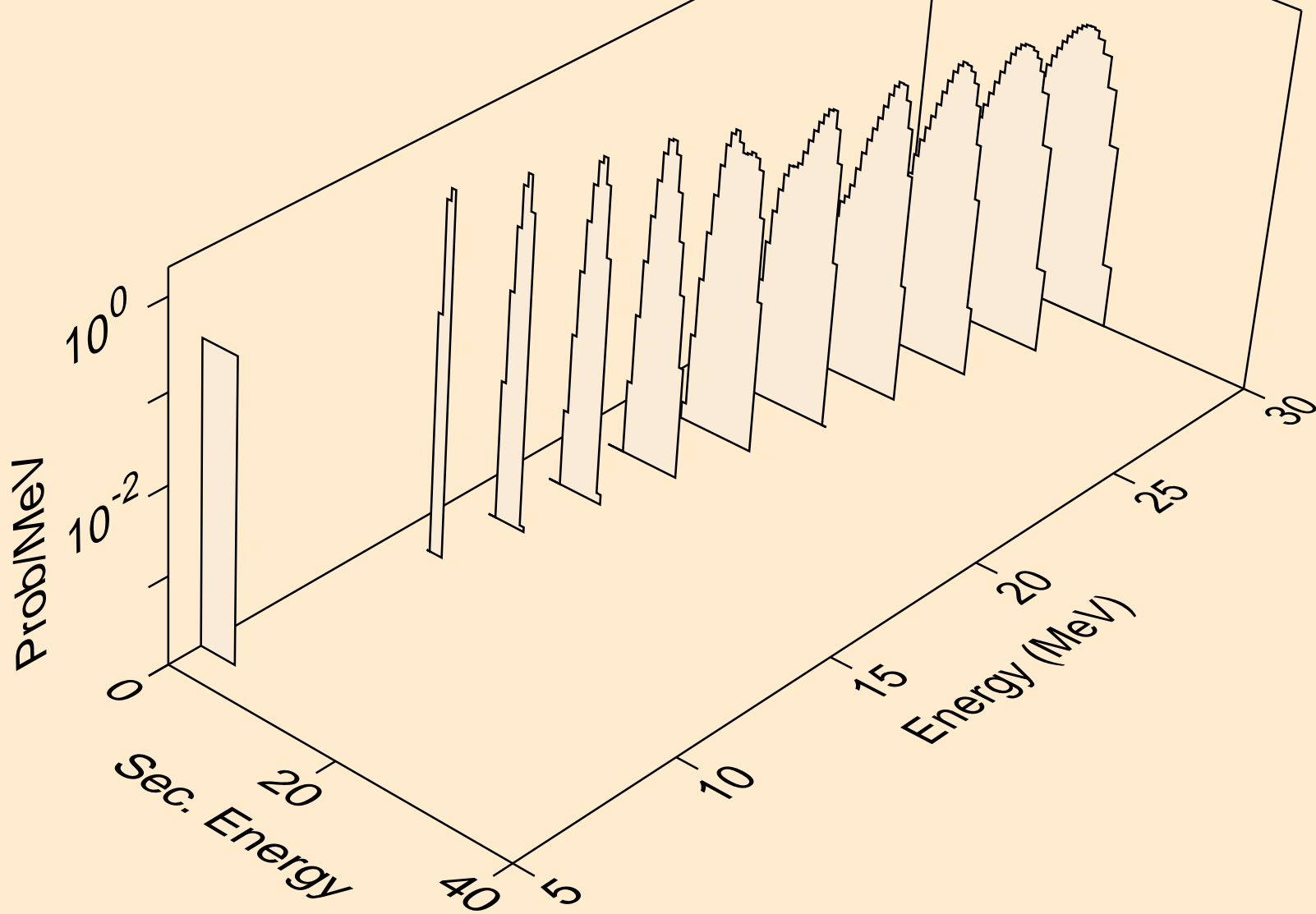
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,n*)a



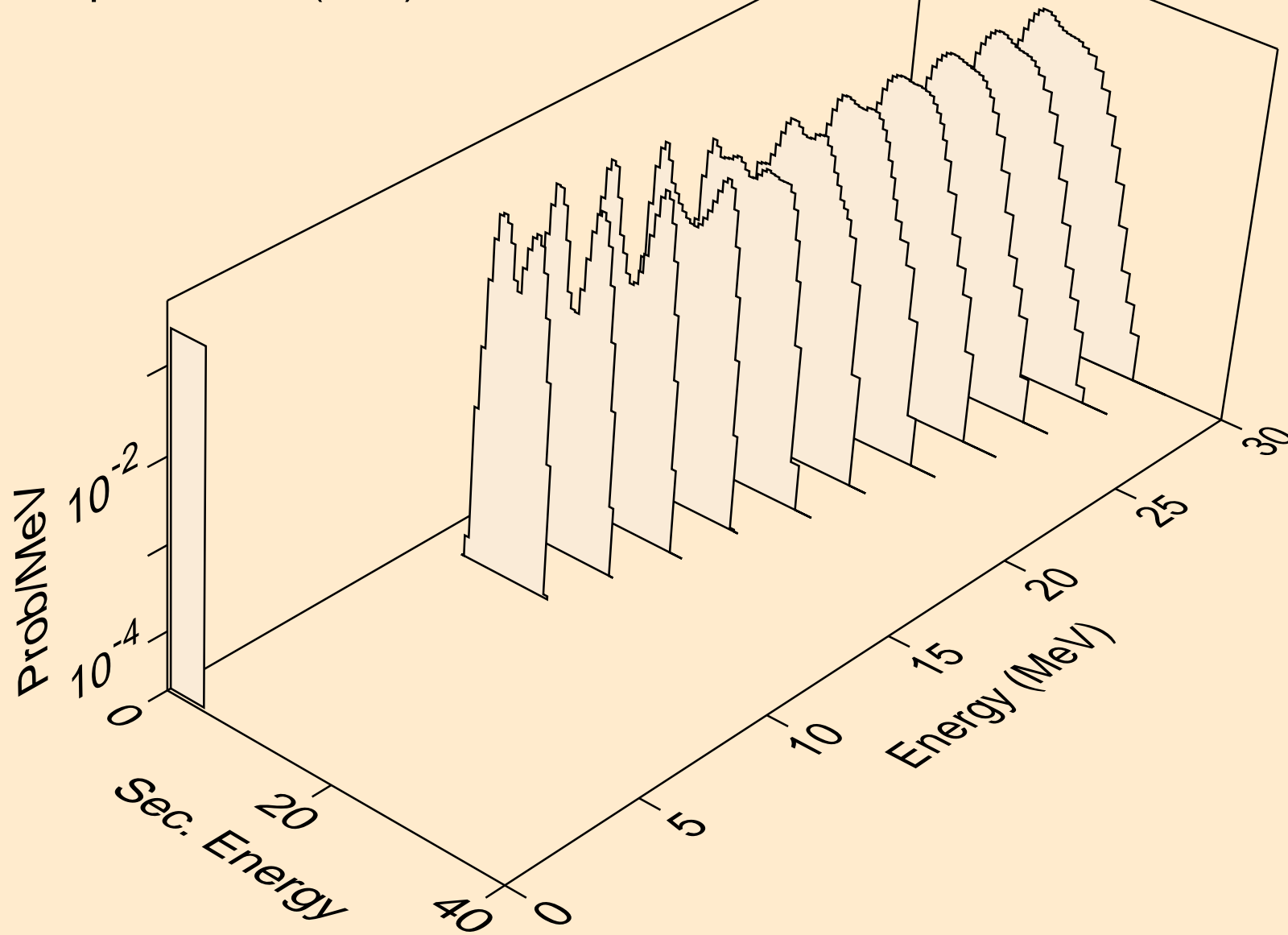
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,2n)a



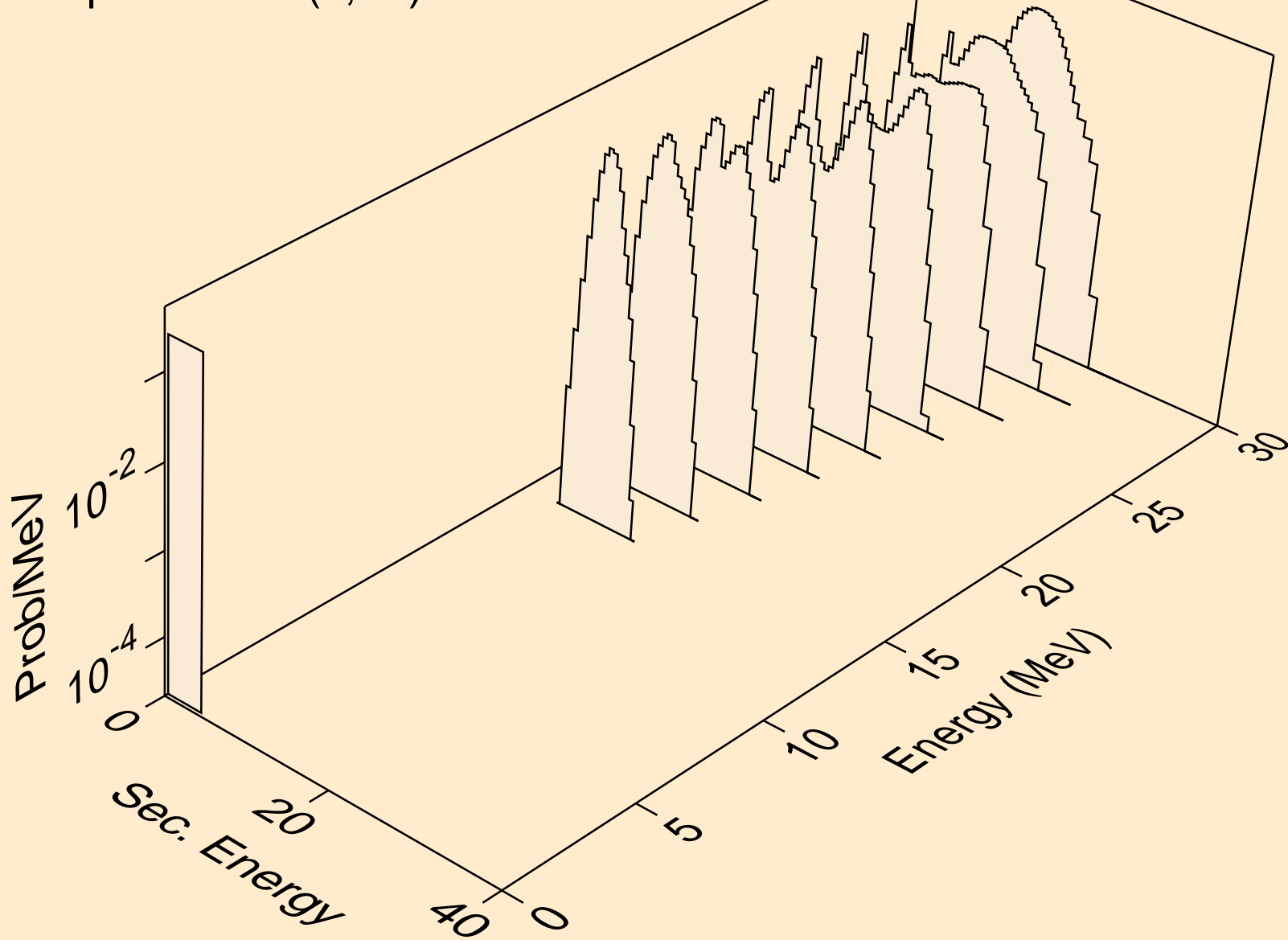
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,3n)a



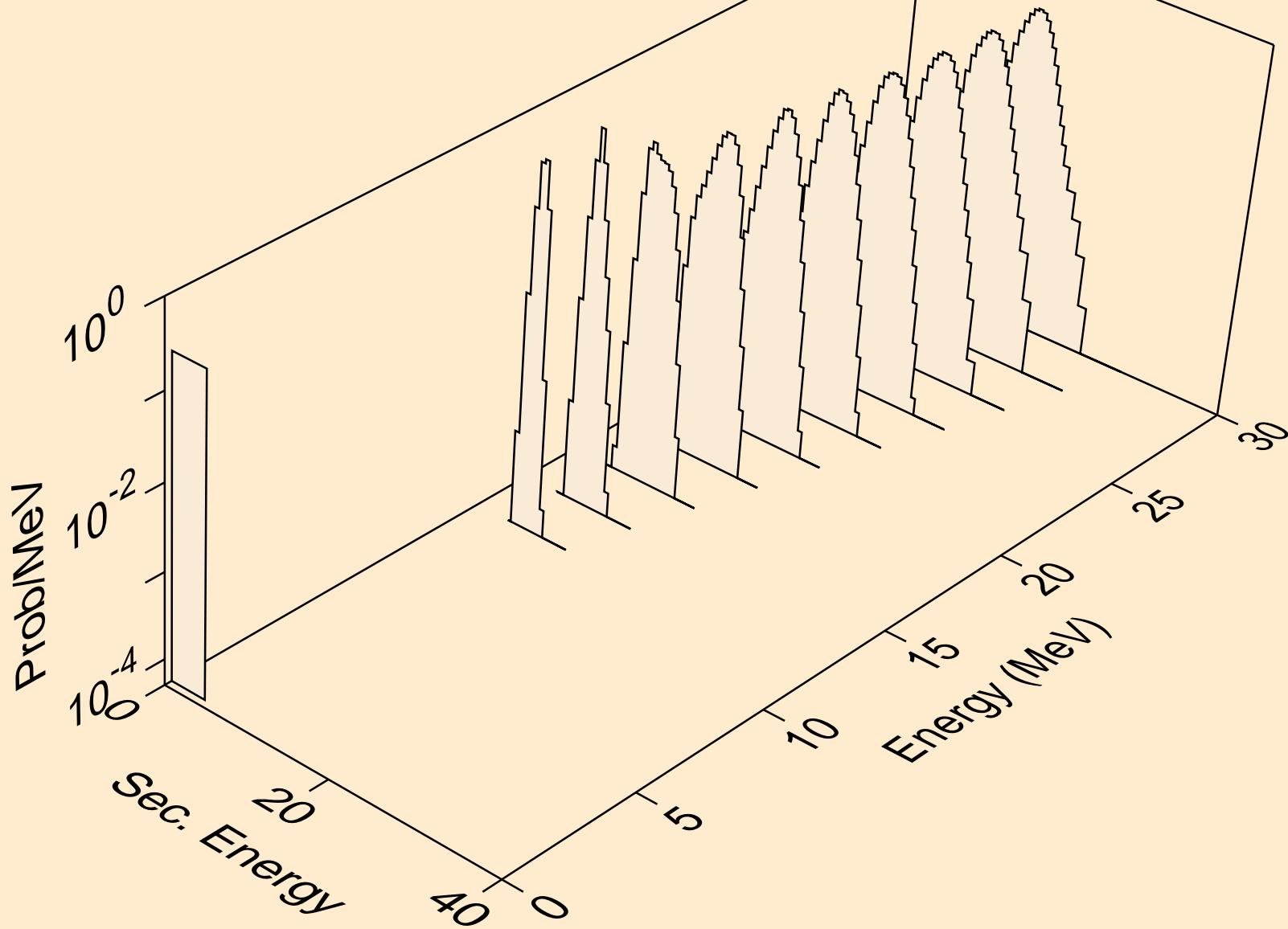
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,n*)2a



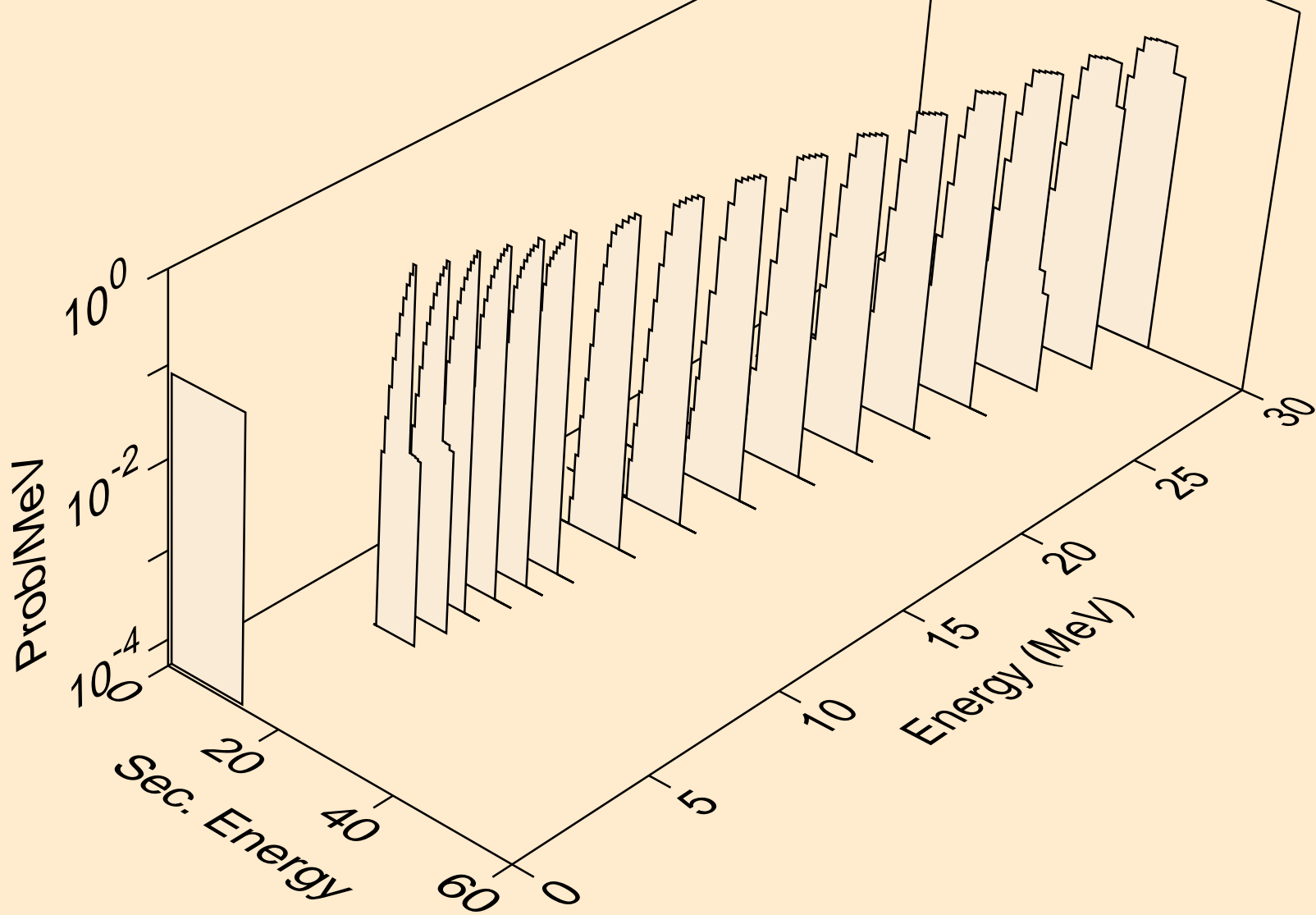
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,2n)2a



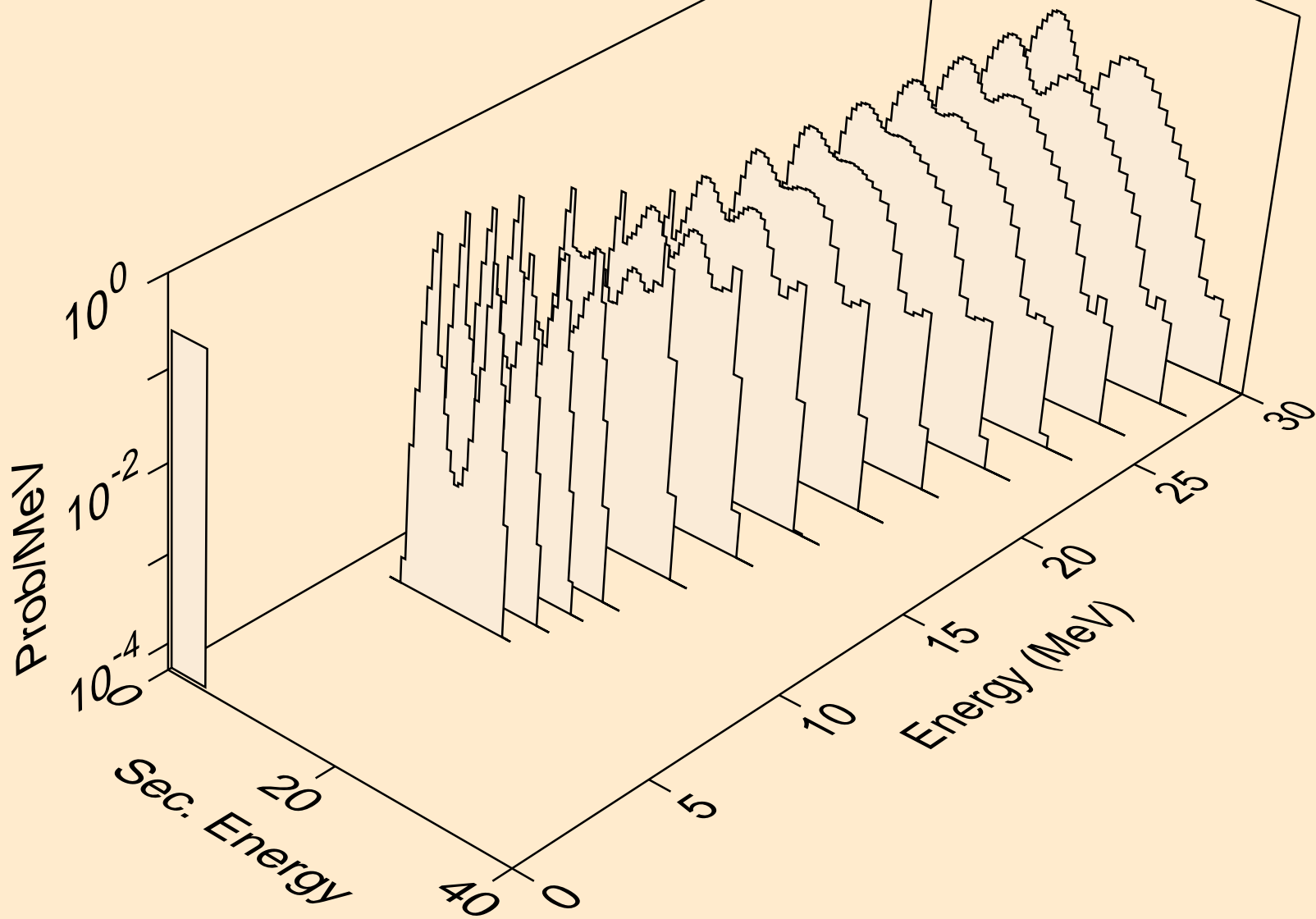
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,npa)



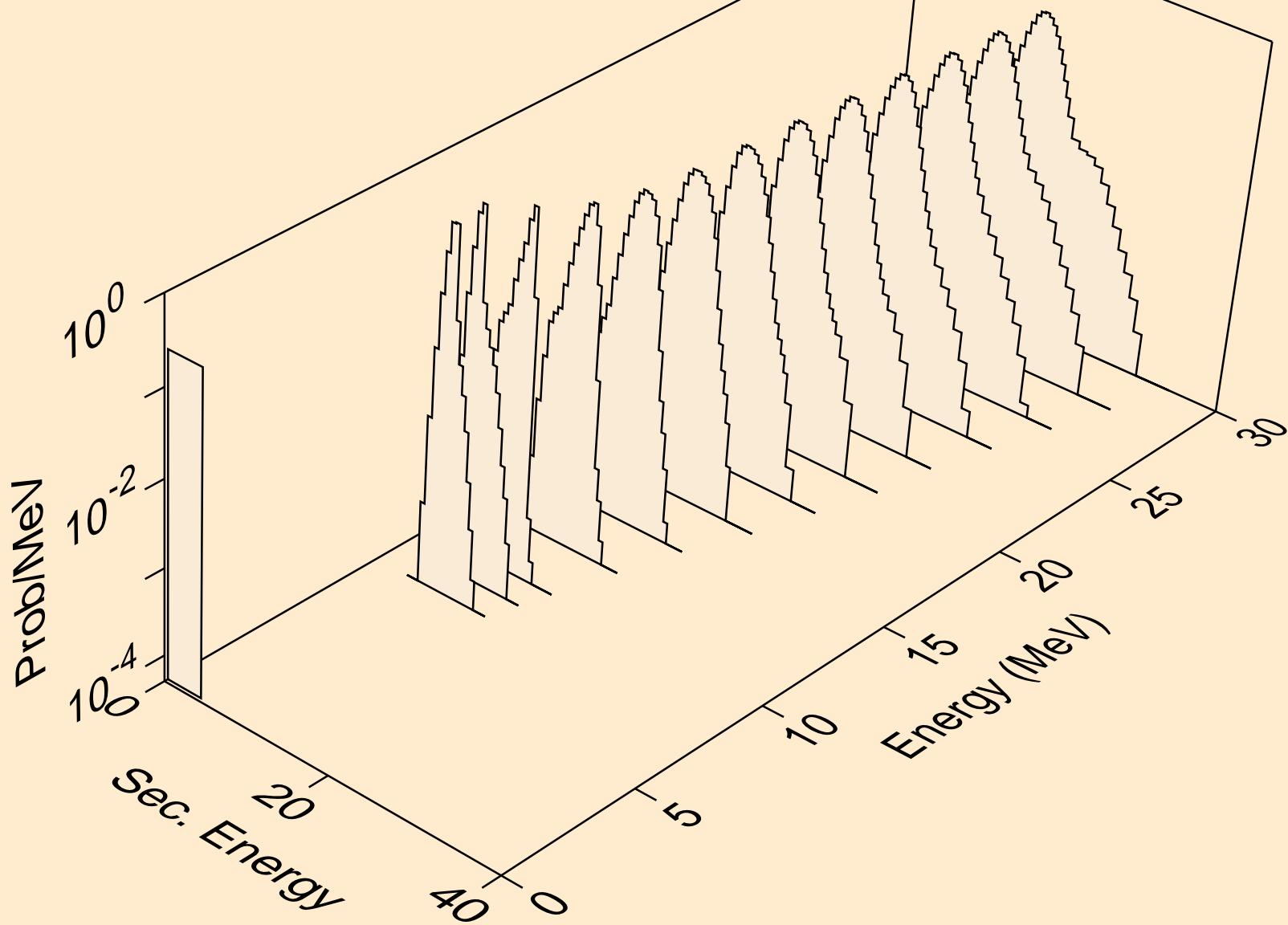
ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,a)



ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,2a)



ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,pa)



ND147 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,da)

