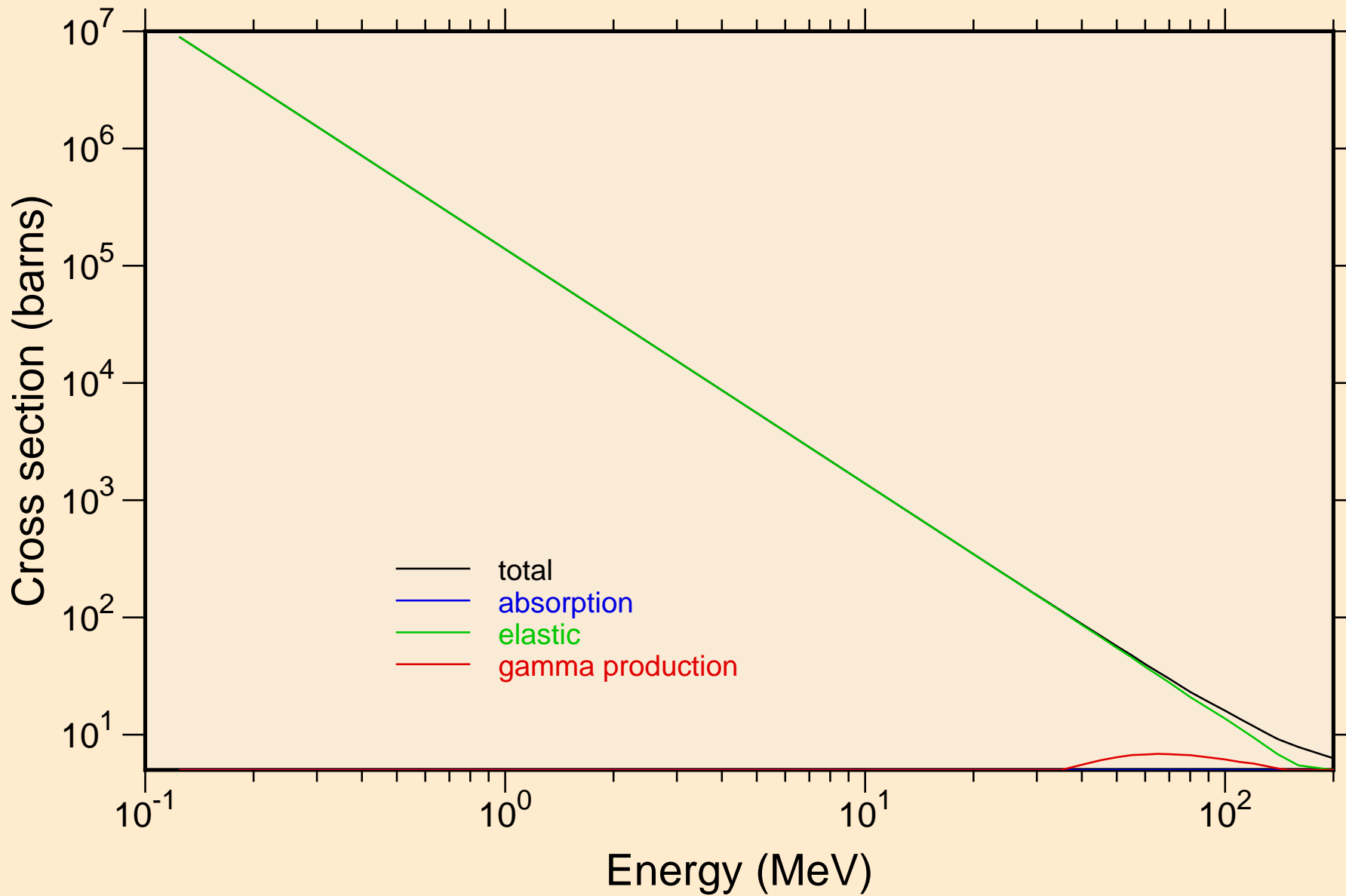
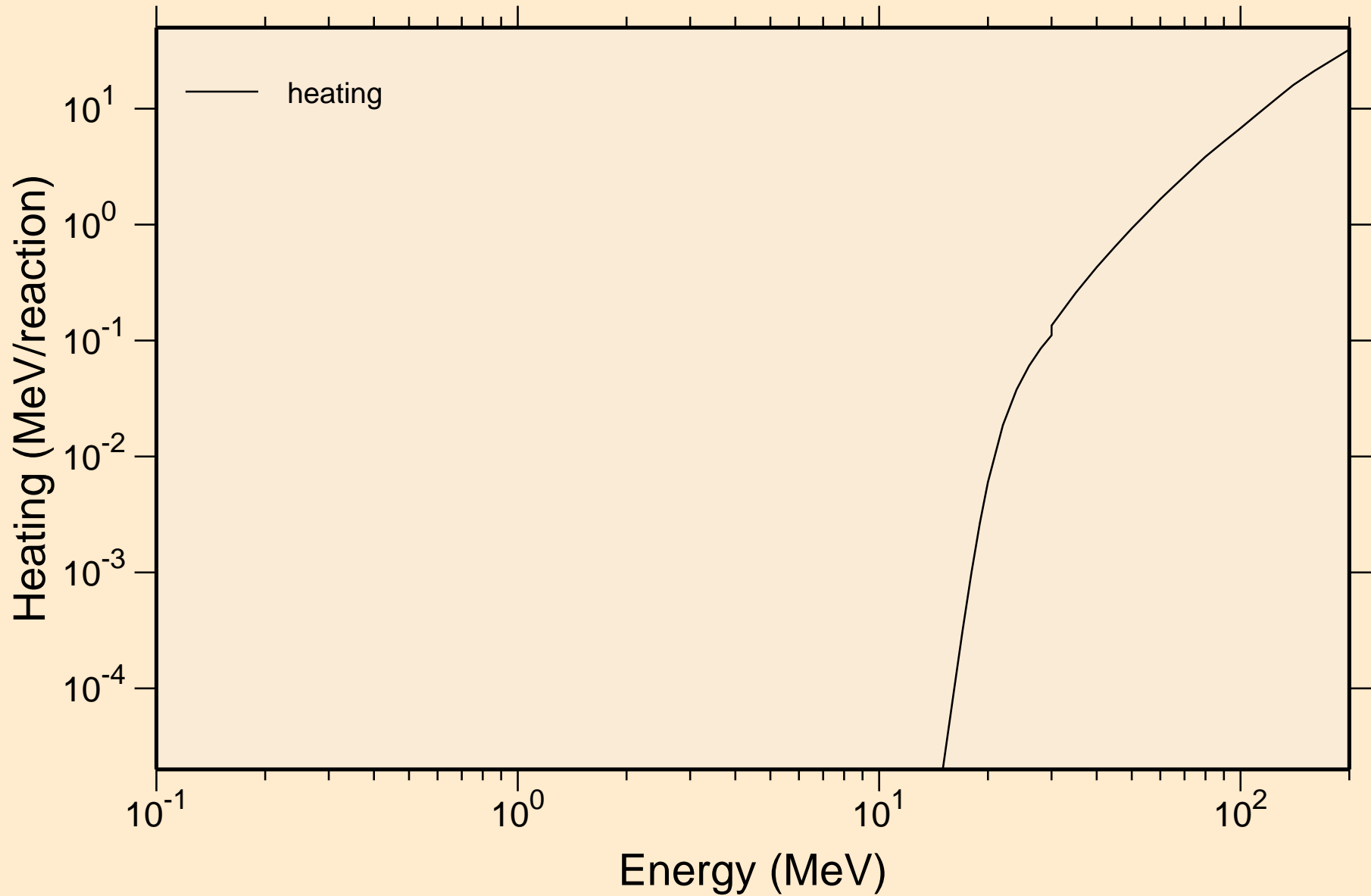


W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Principal cross sections



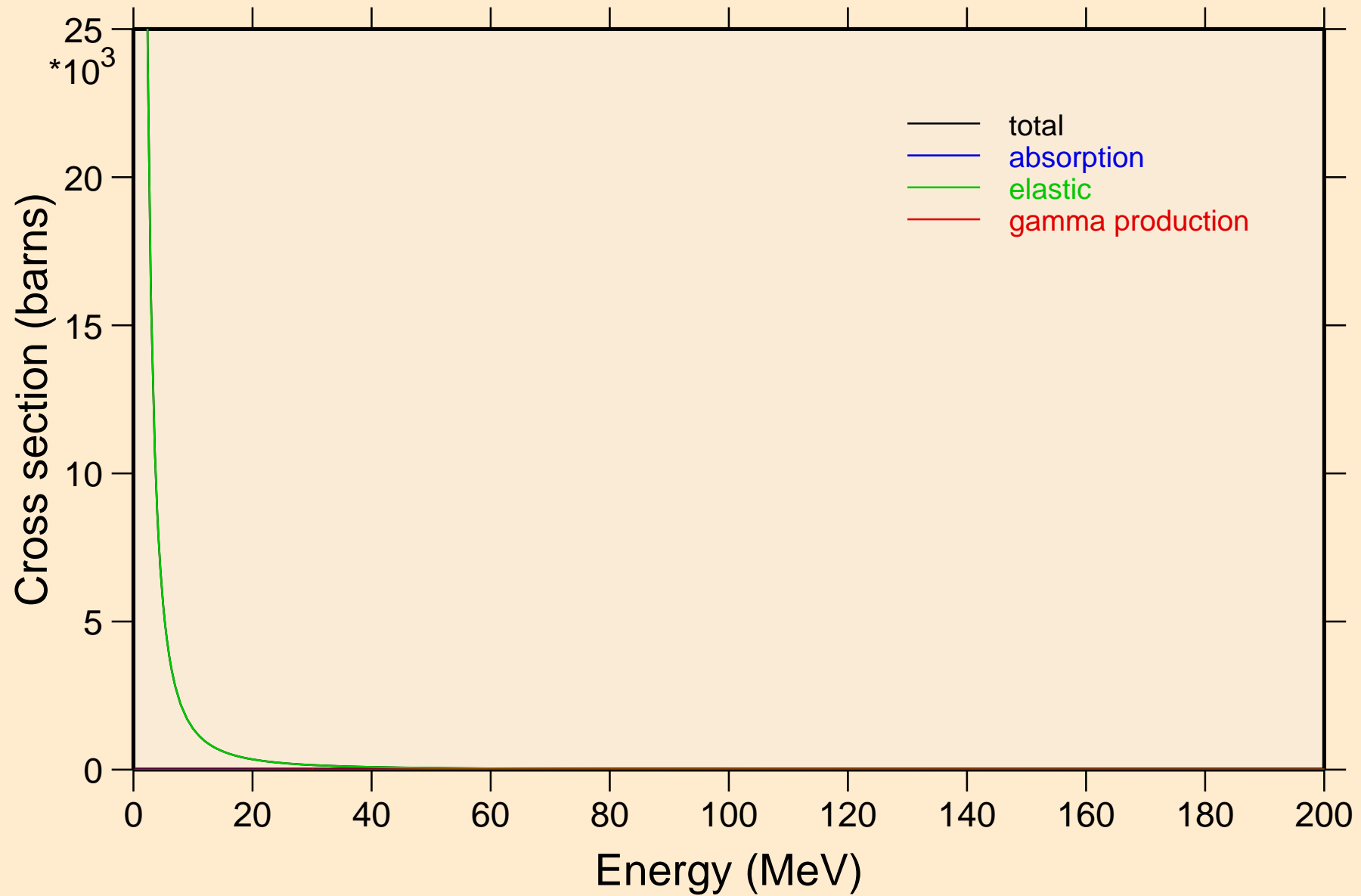
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K

Heating



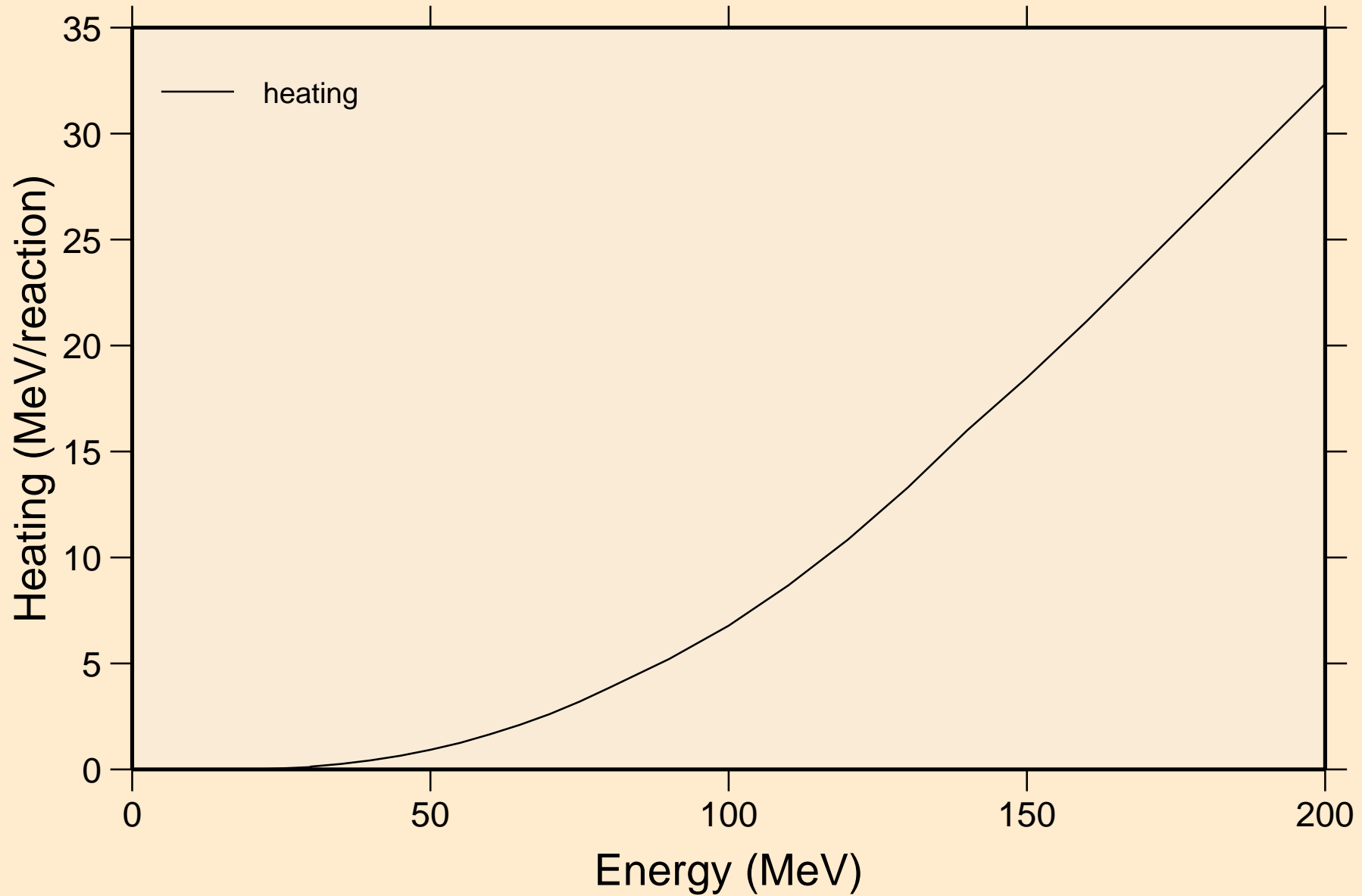
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections

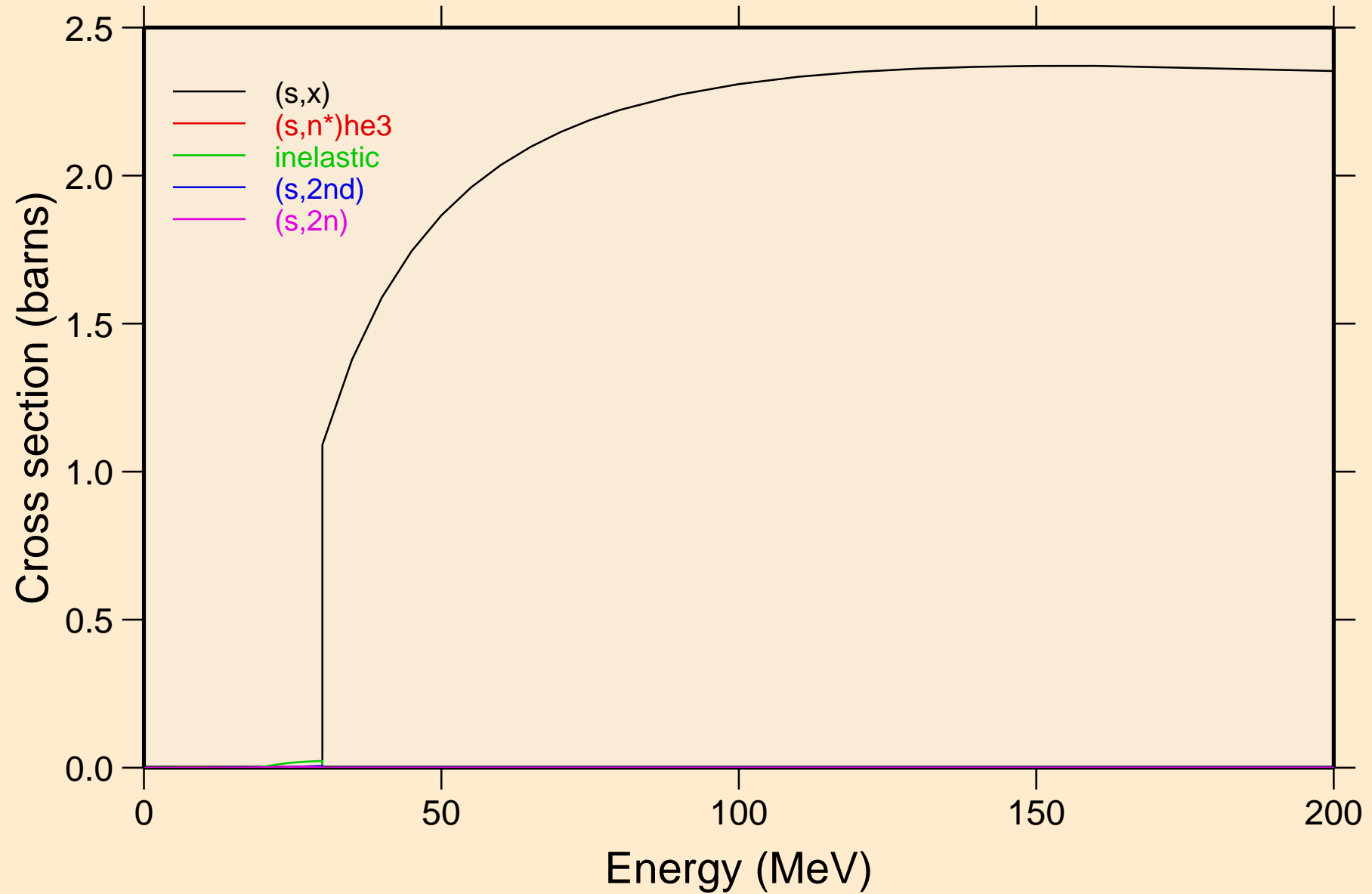


W189 HELION ACER TENDL-2023 LIBRARY; T=0.K

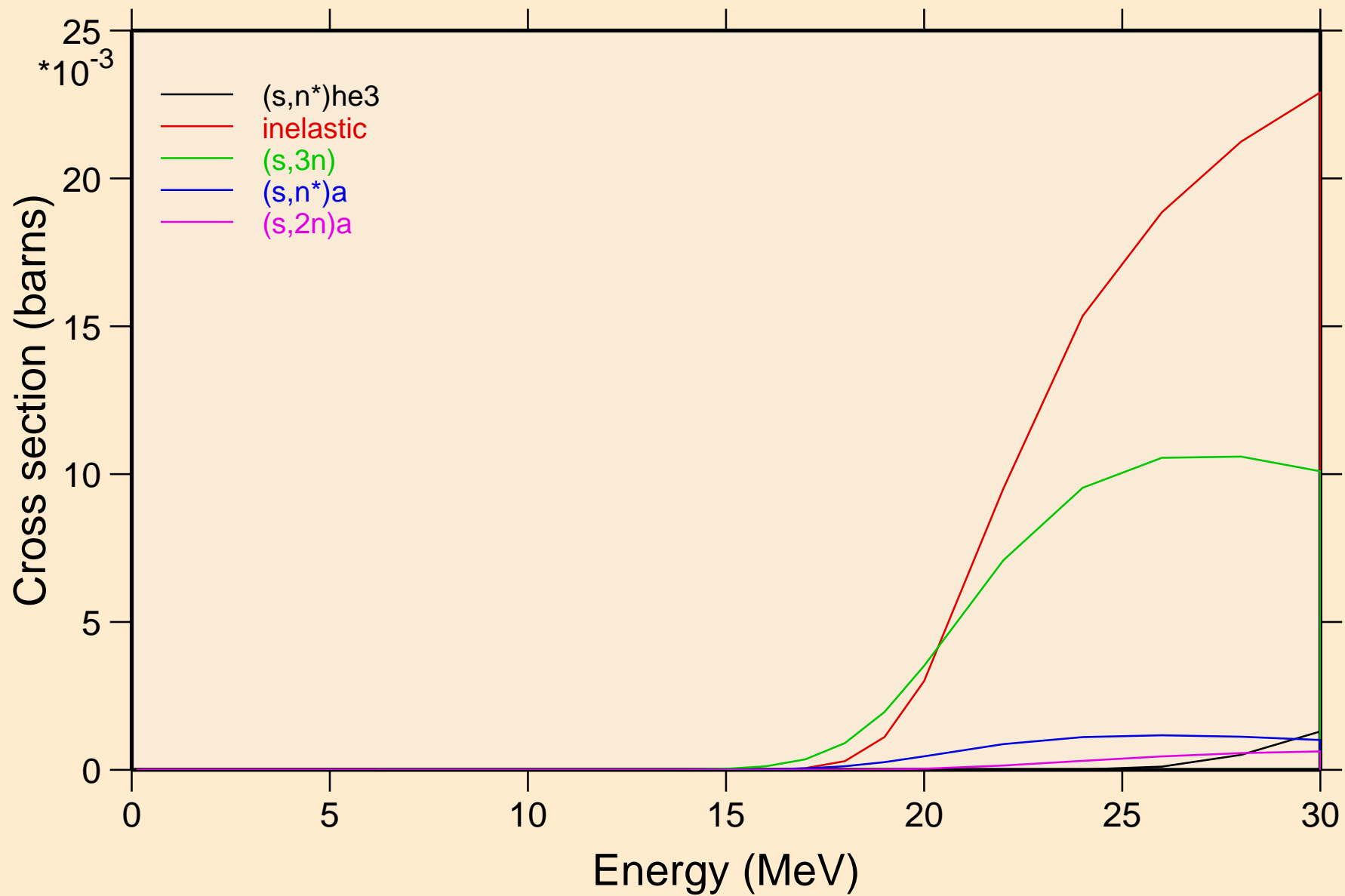
Heating



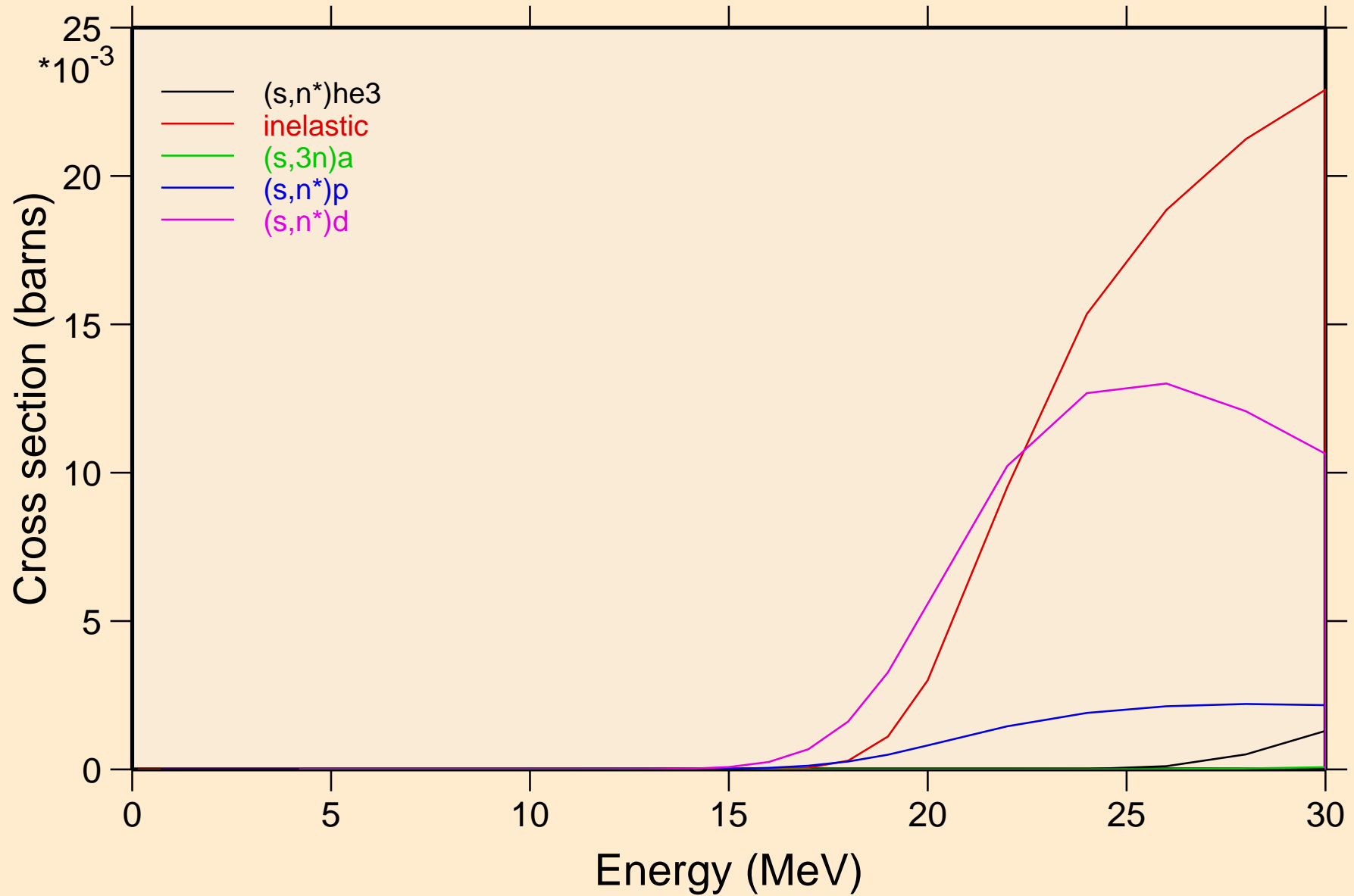
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



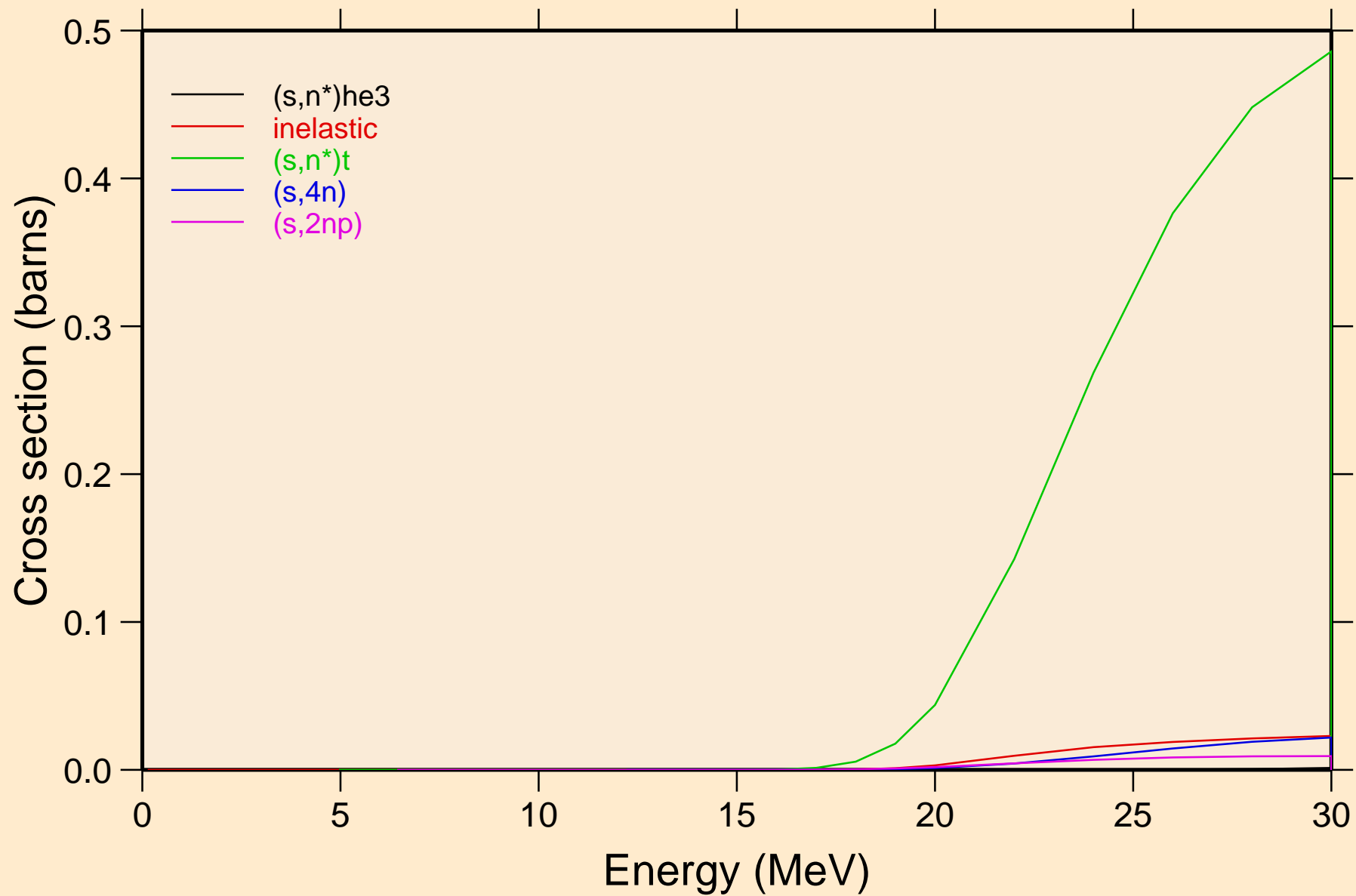
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



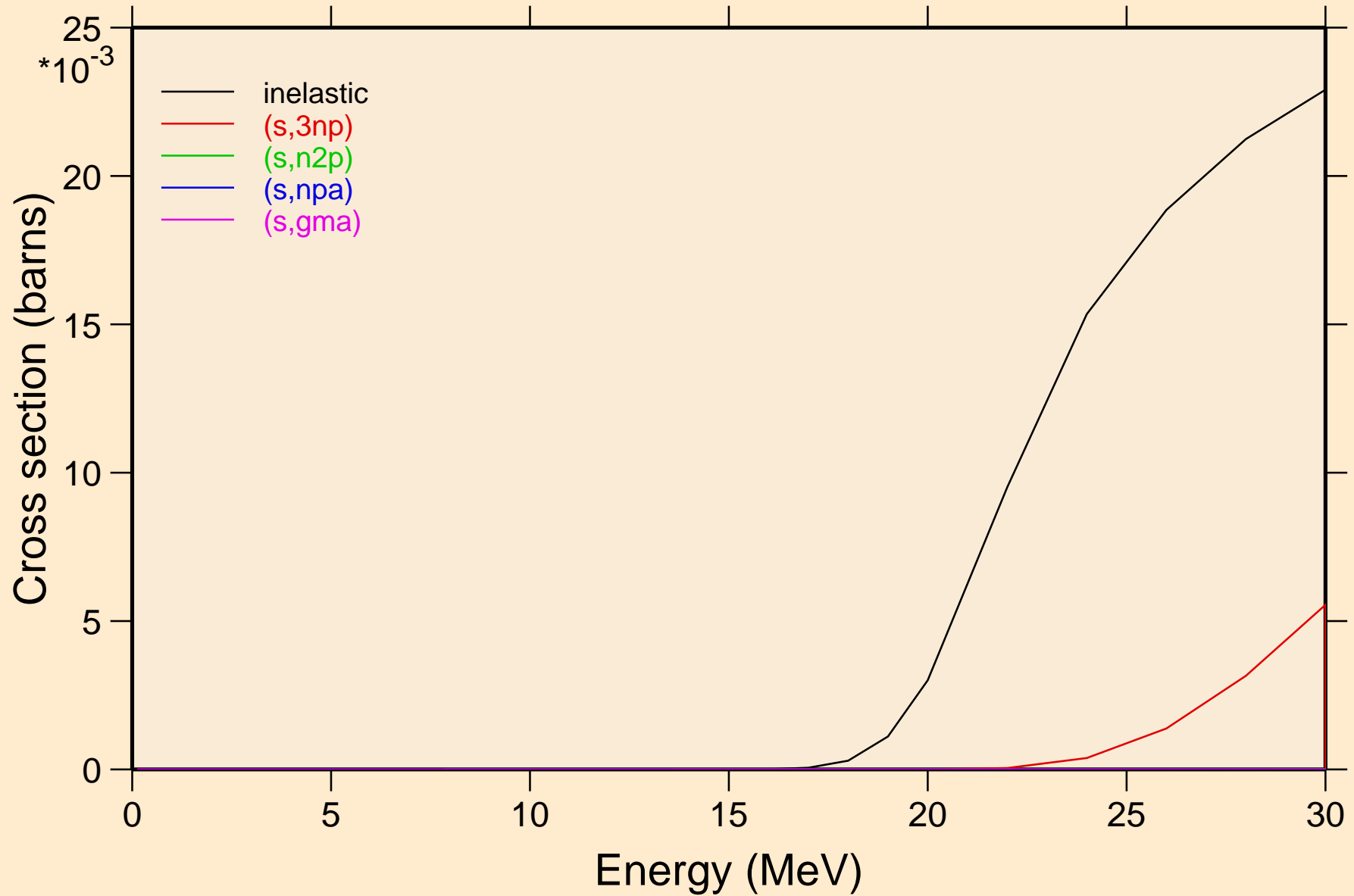
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



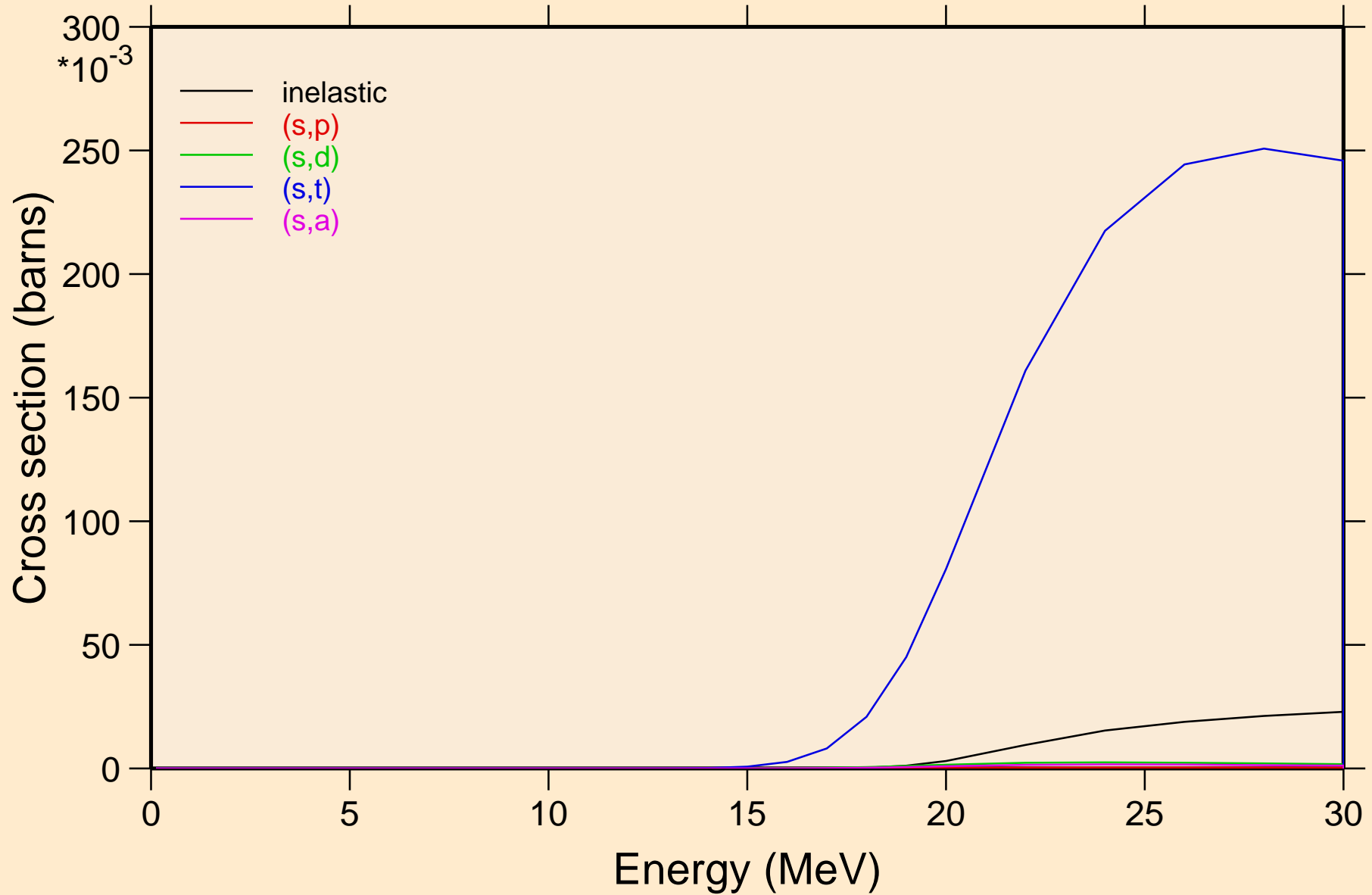
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



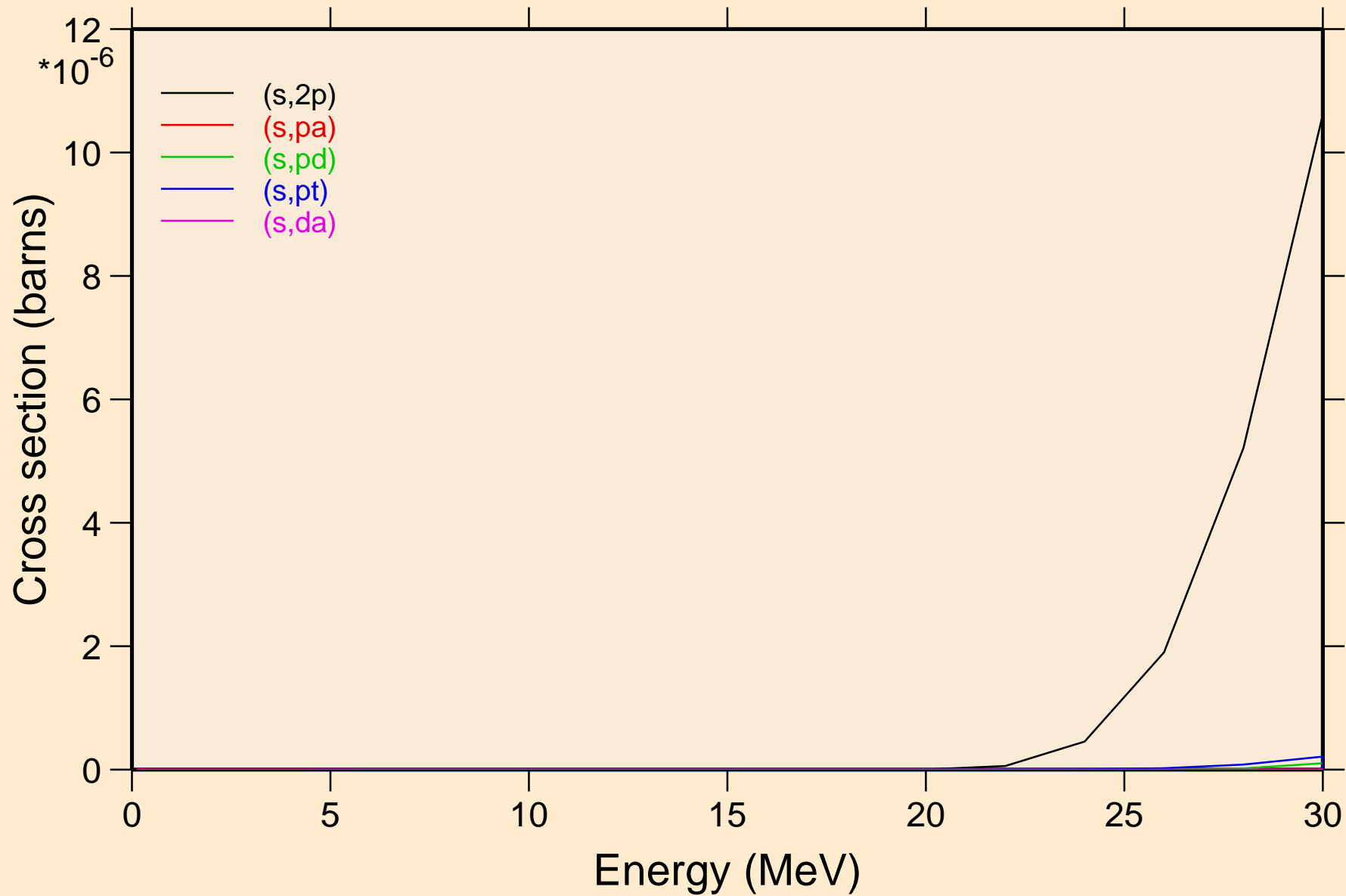
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



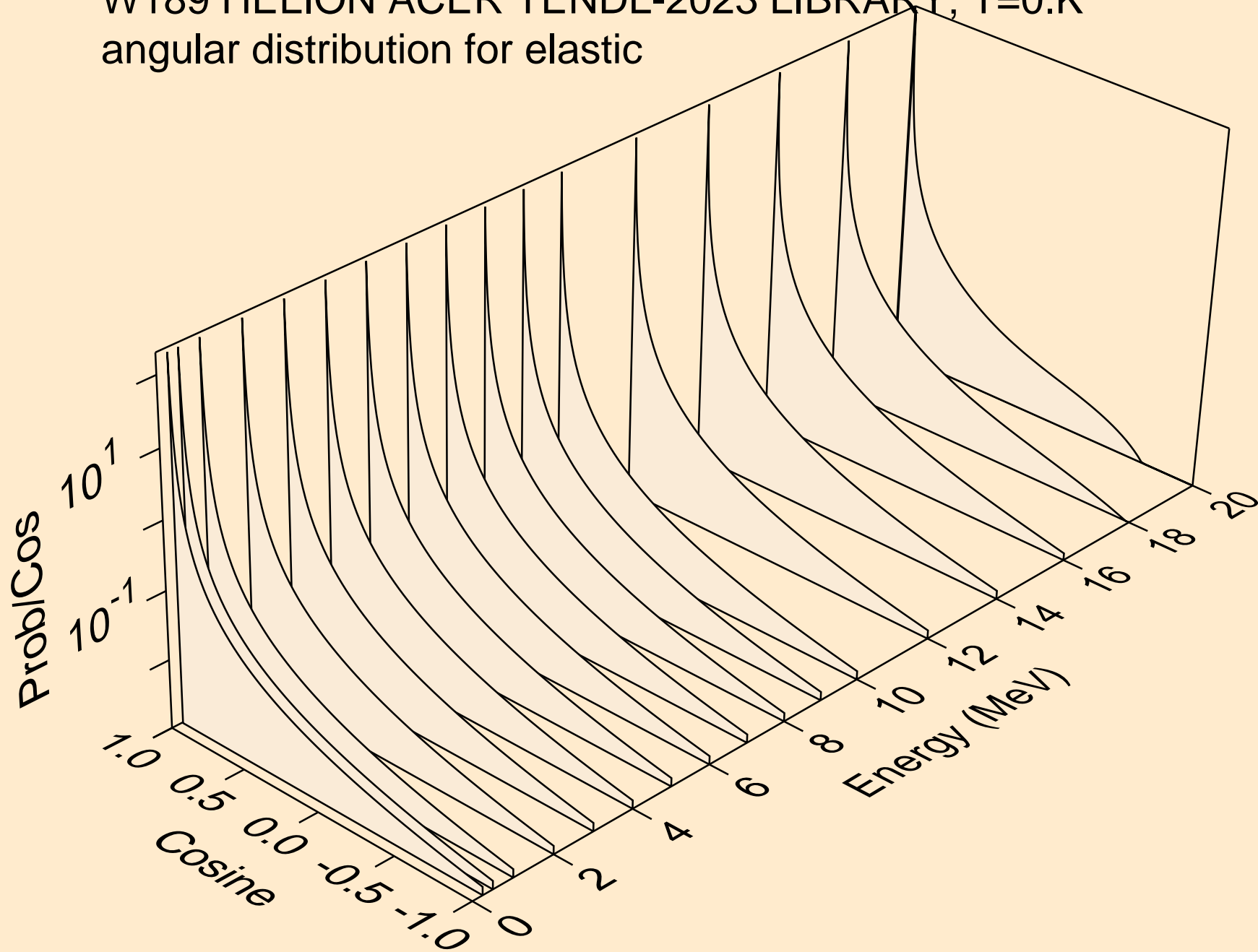
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



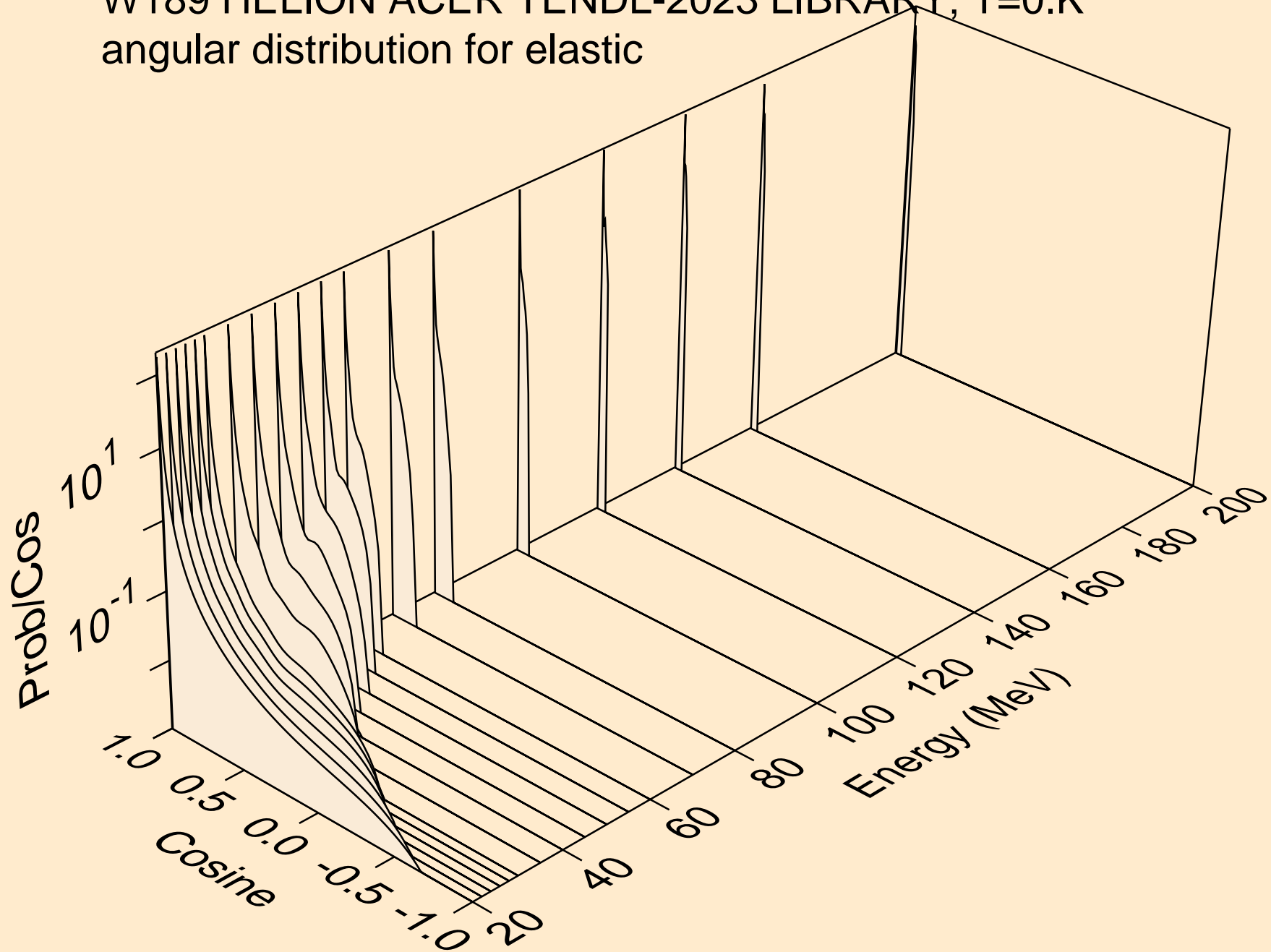
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



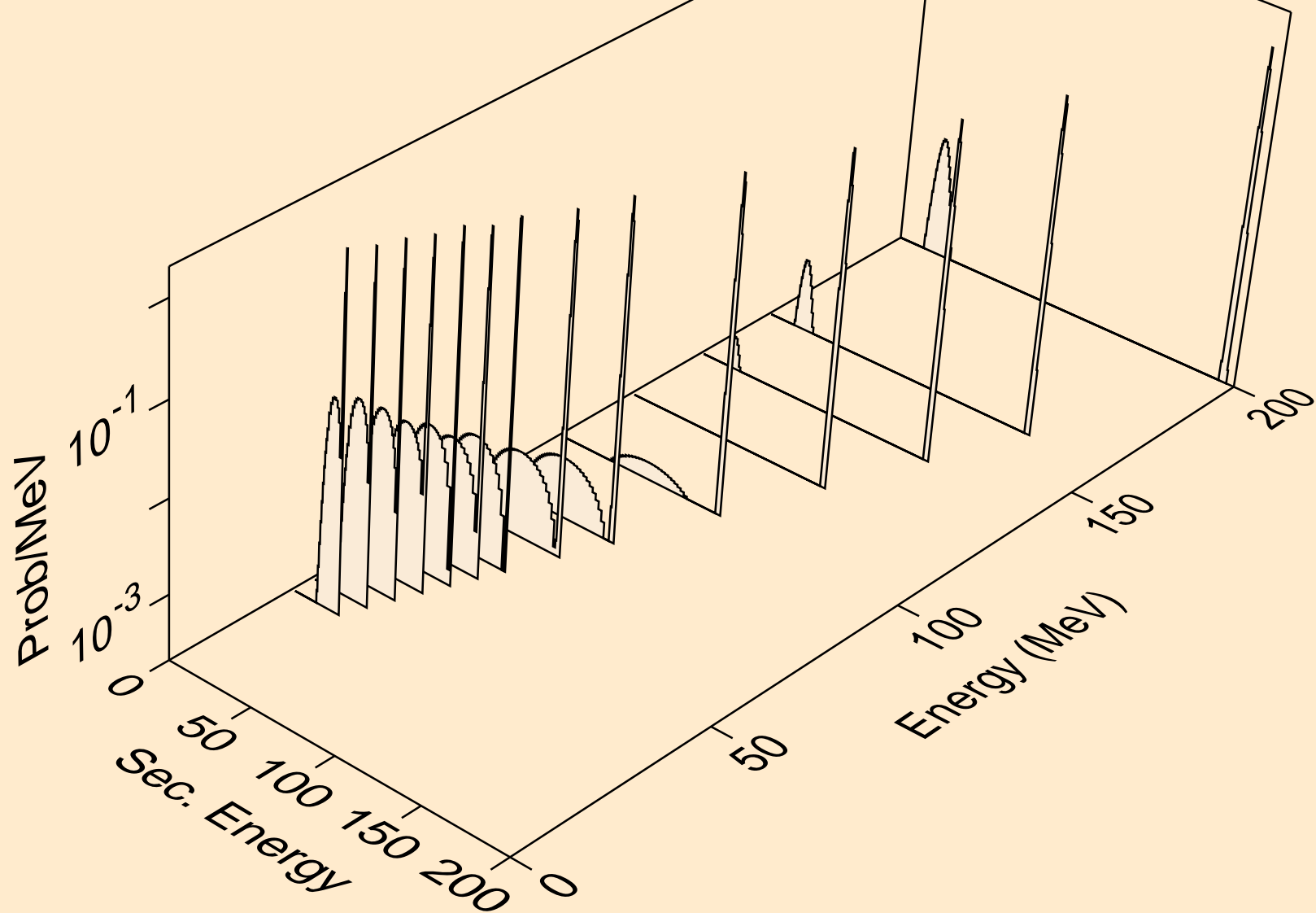
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



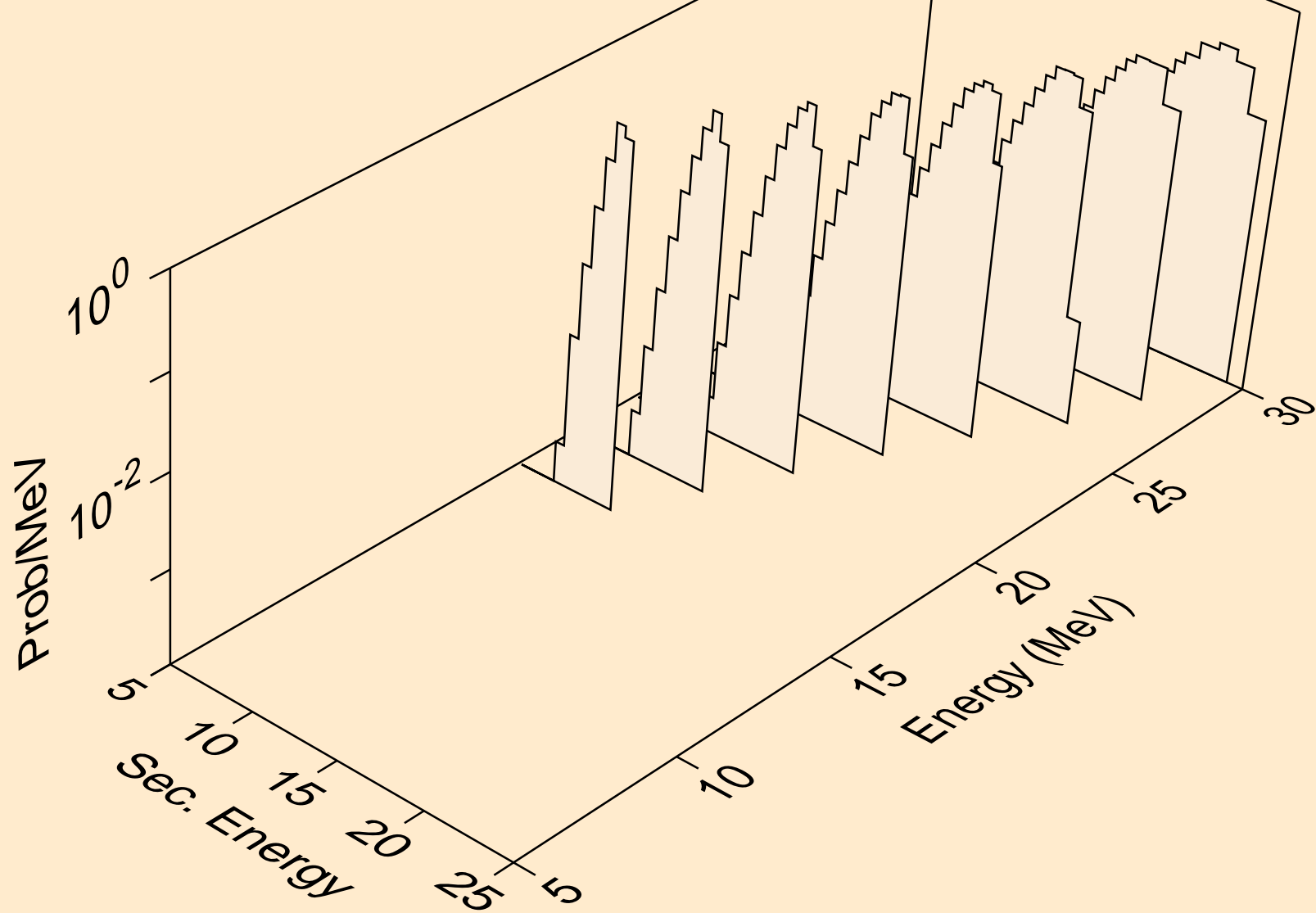
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



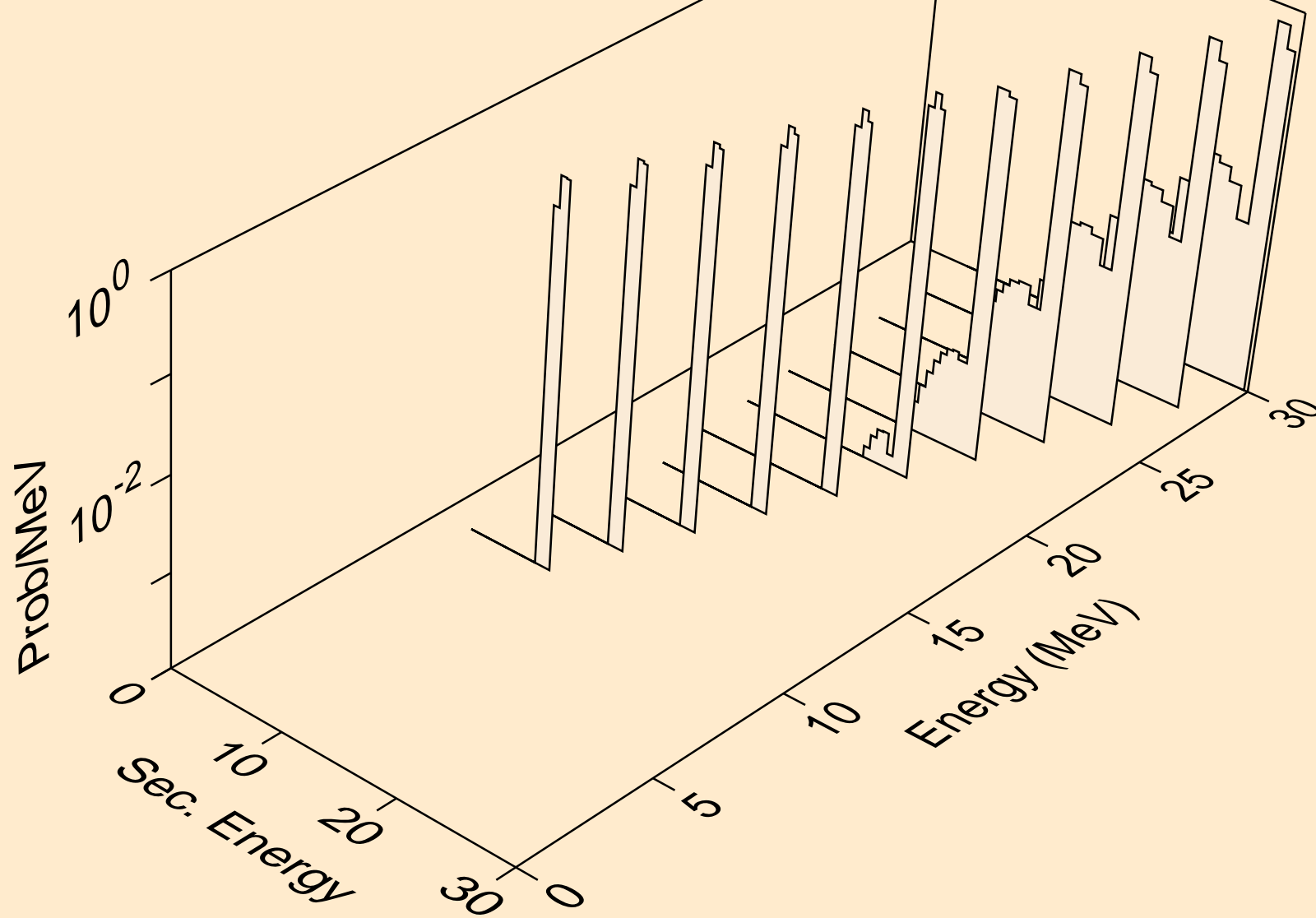
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
He-3 emission for (s,x)



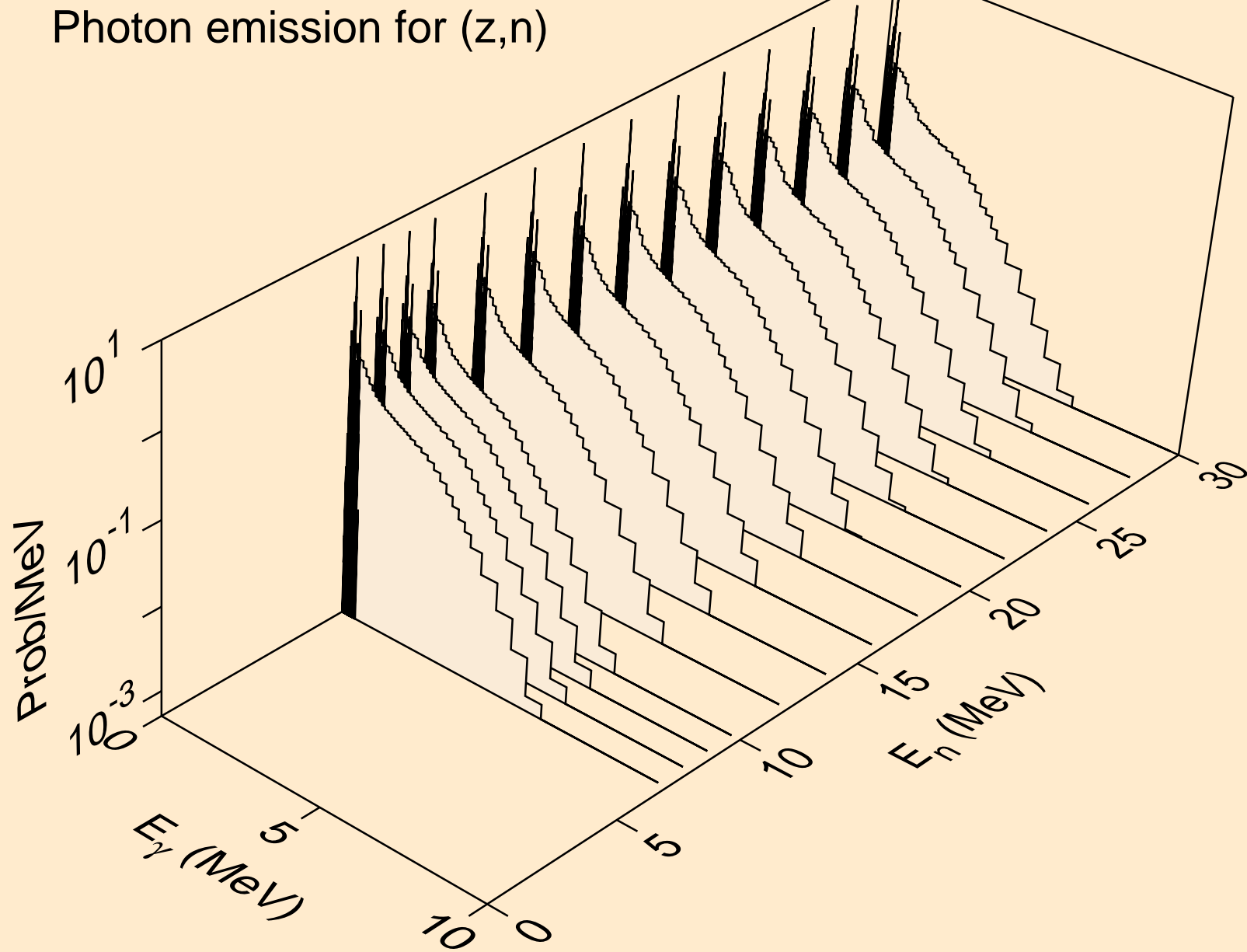
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
He-3 emission for (s,n*)he3



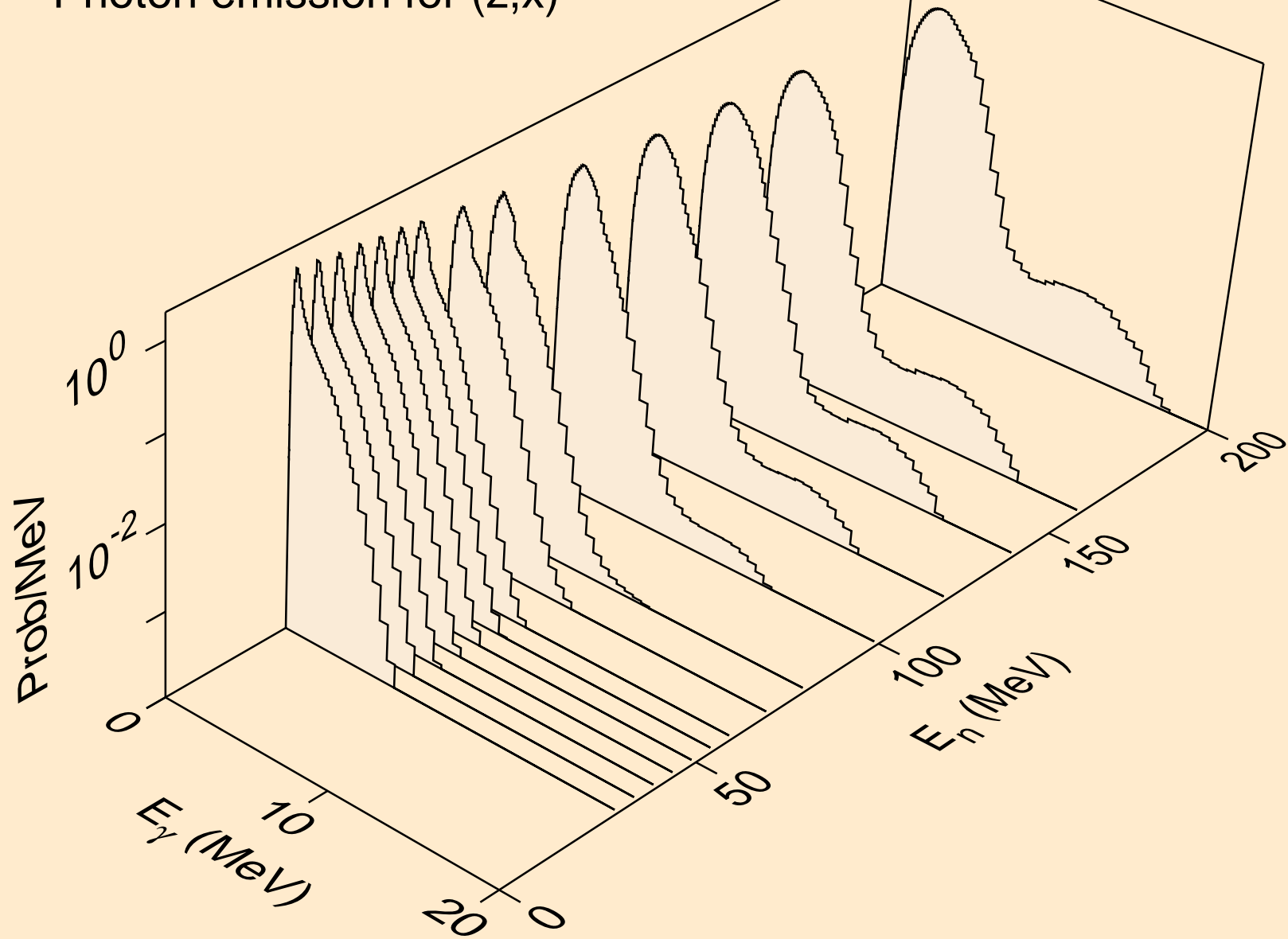
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
He-3 emission for inelastic



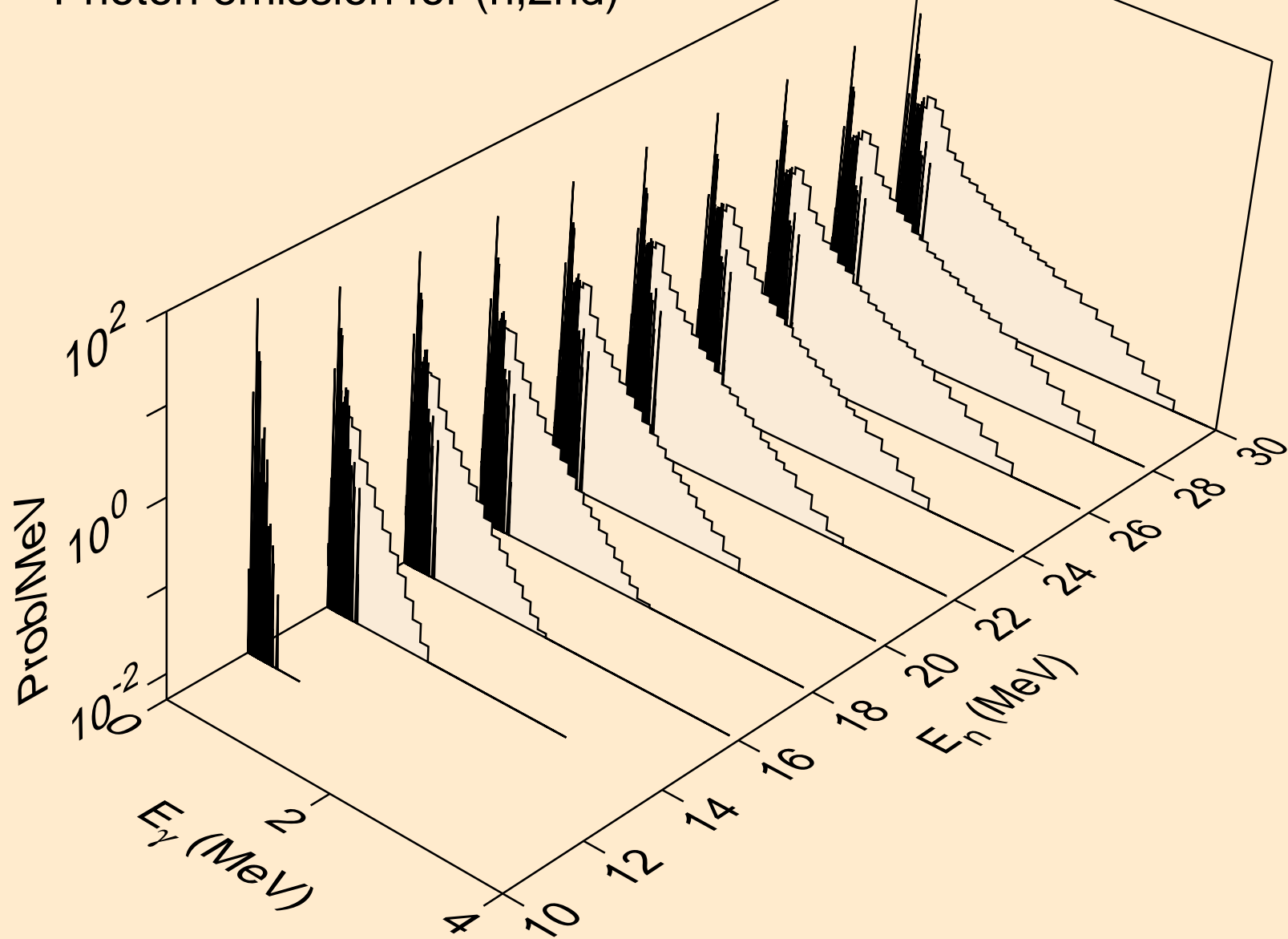
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (z,n)



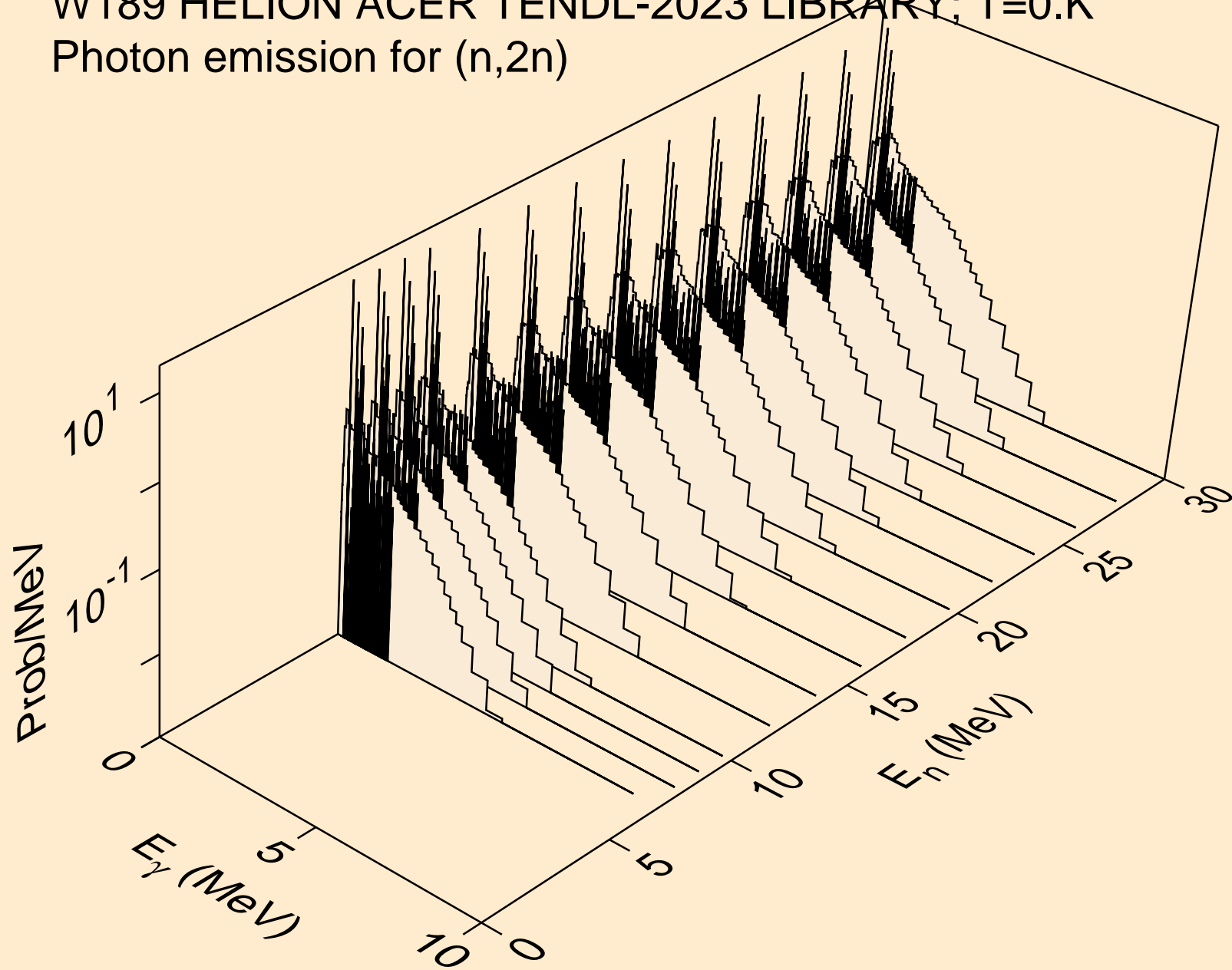
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (z,x)



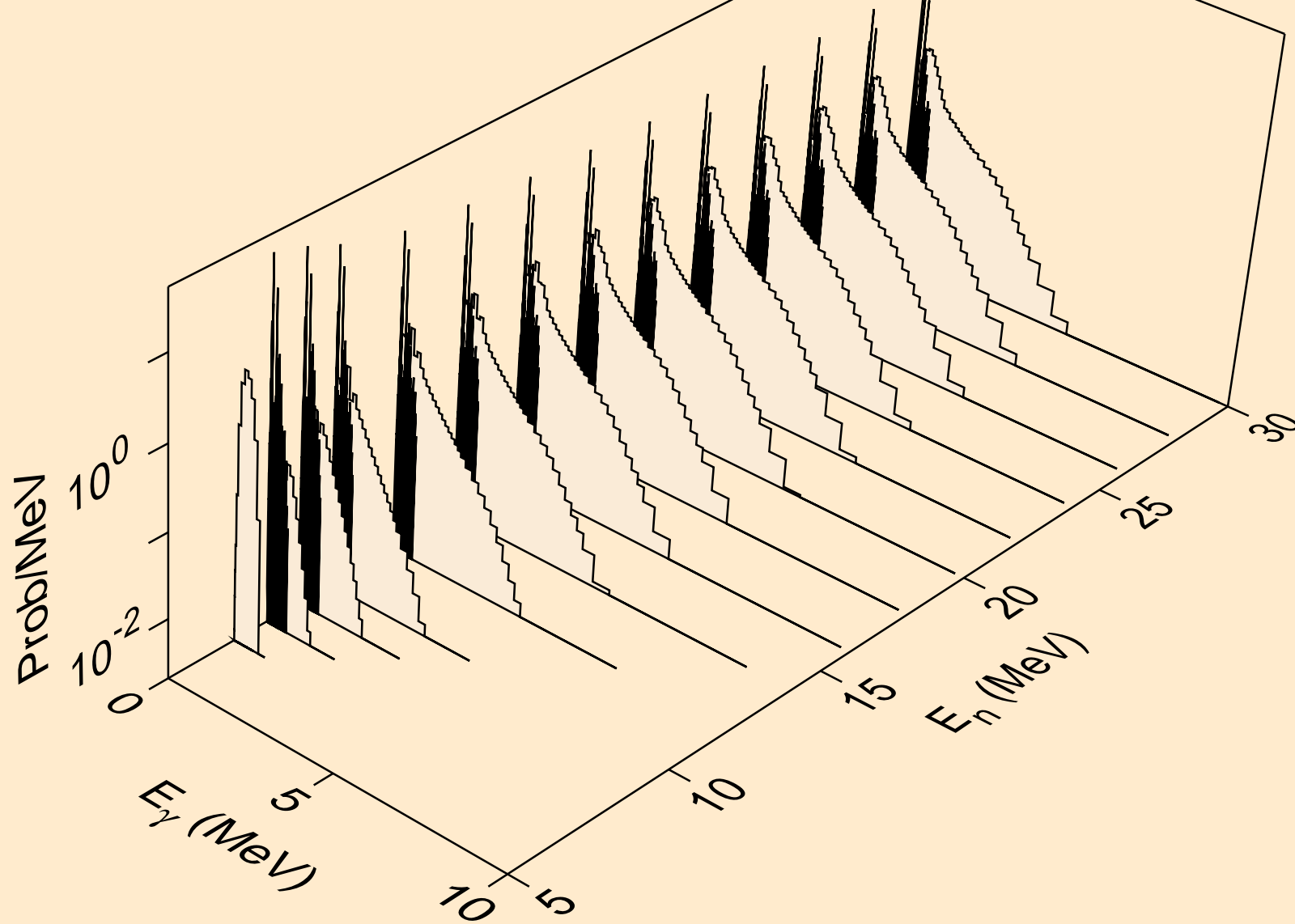
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2nd)



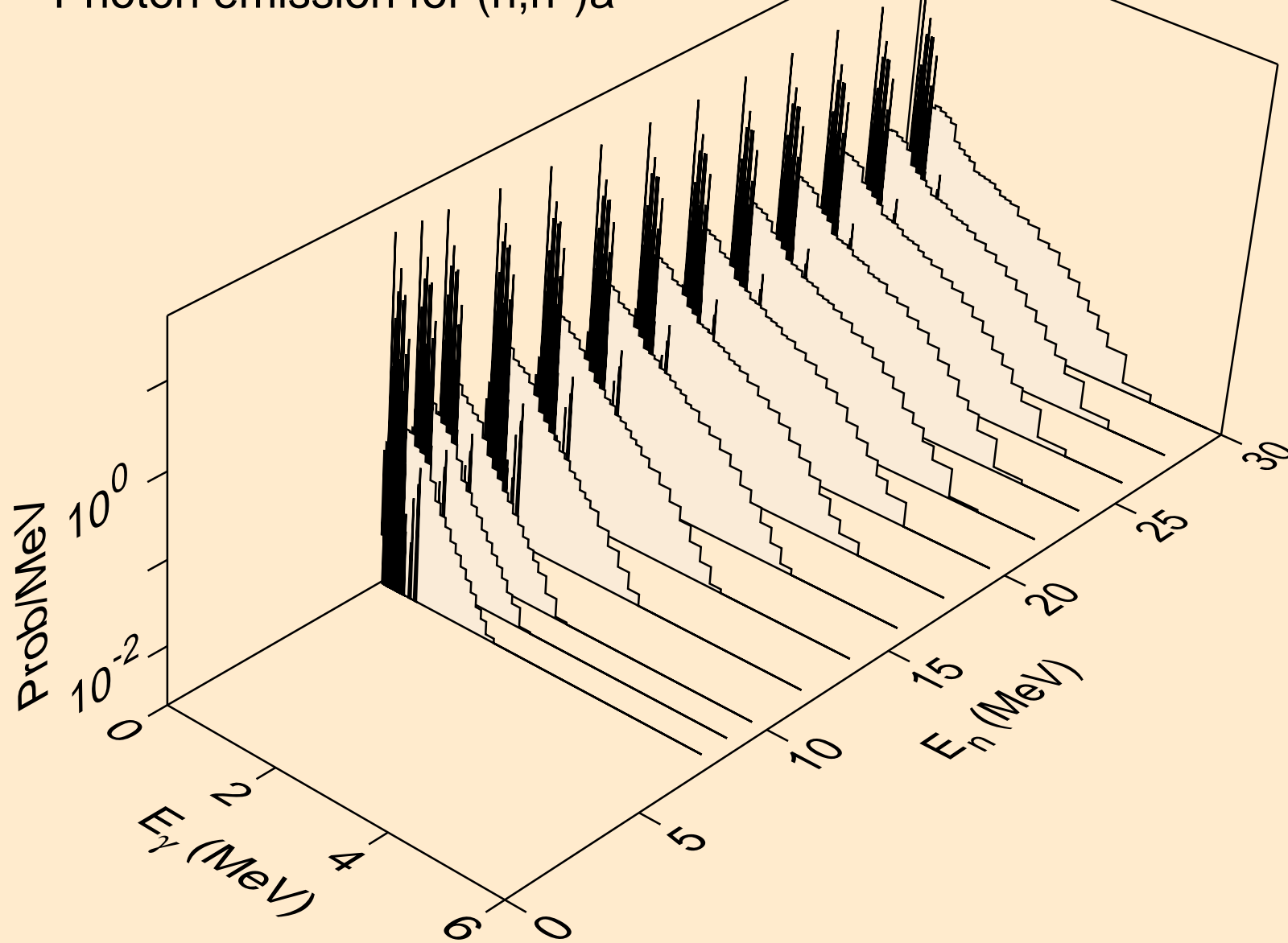
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)



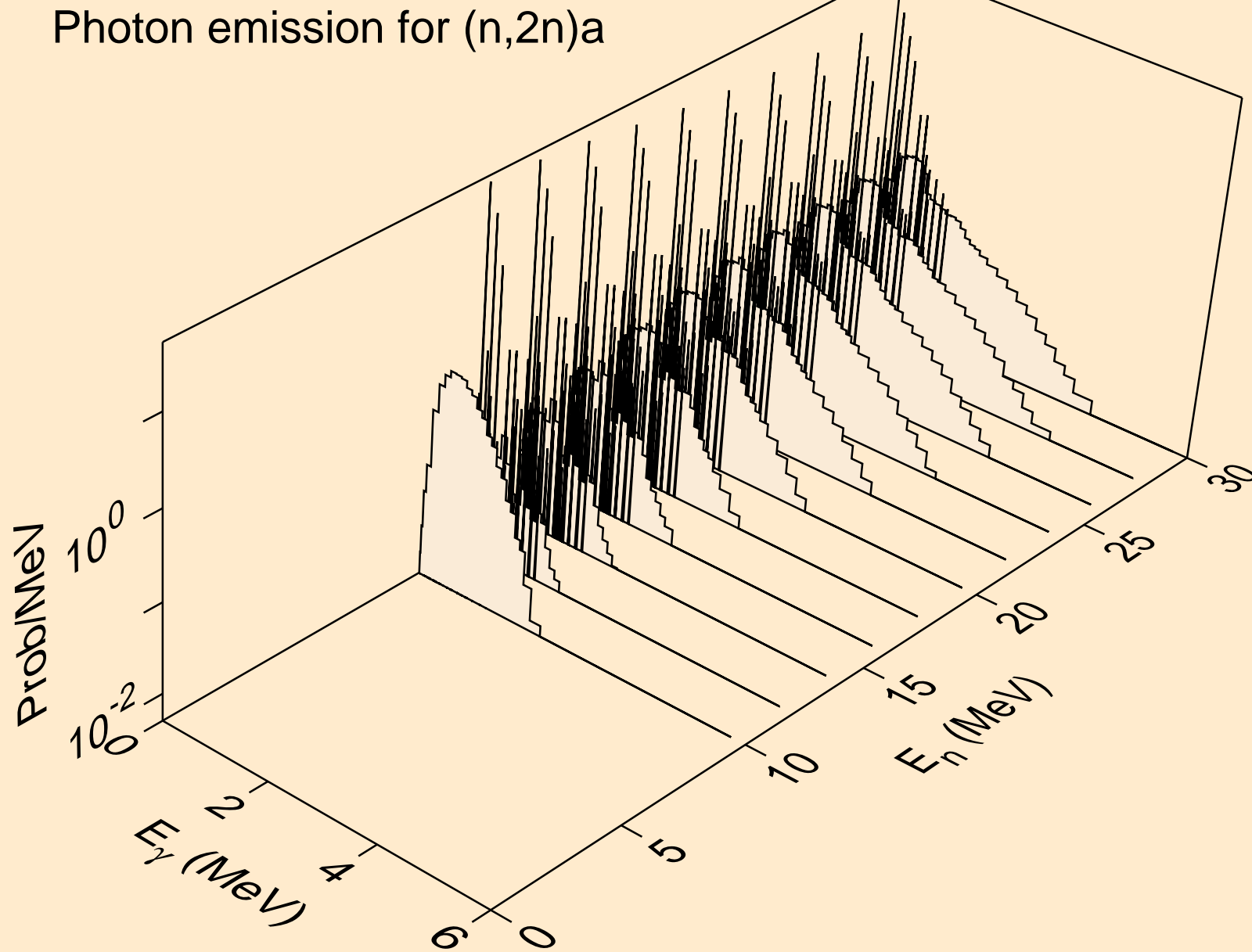
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)



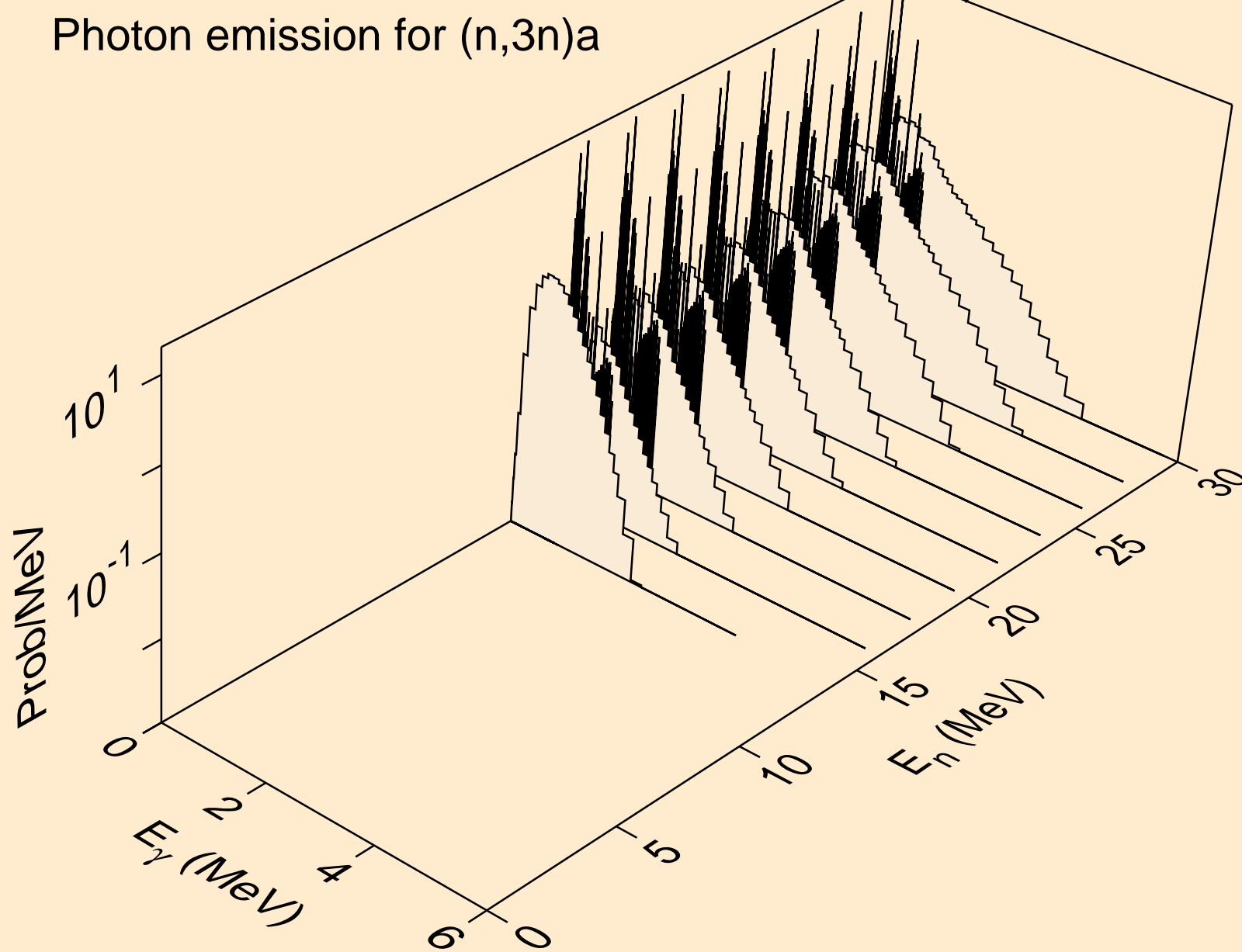
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)a



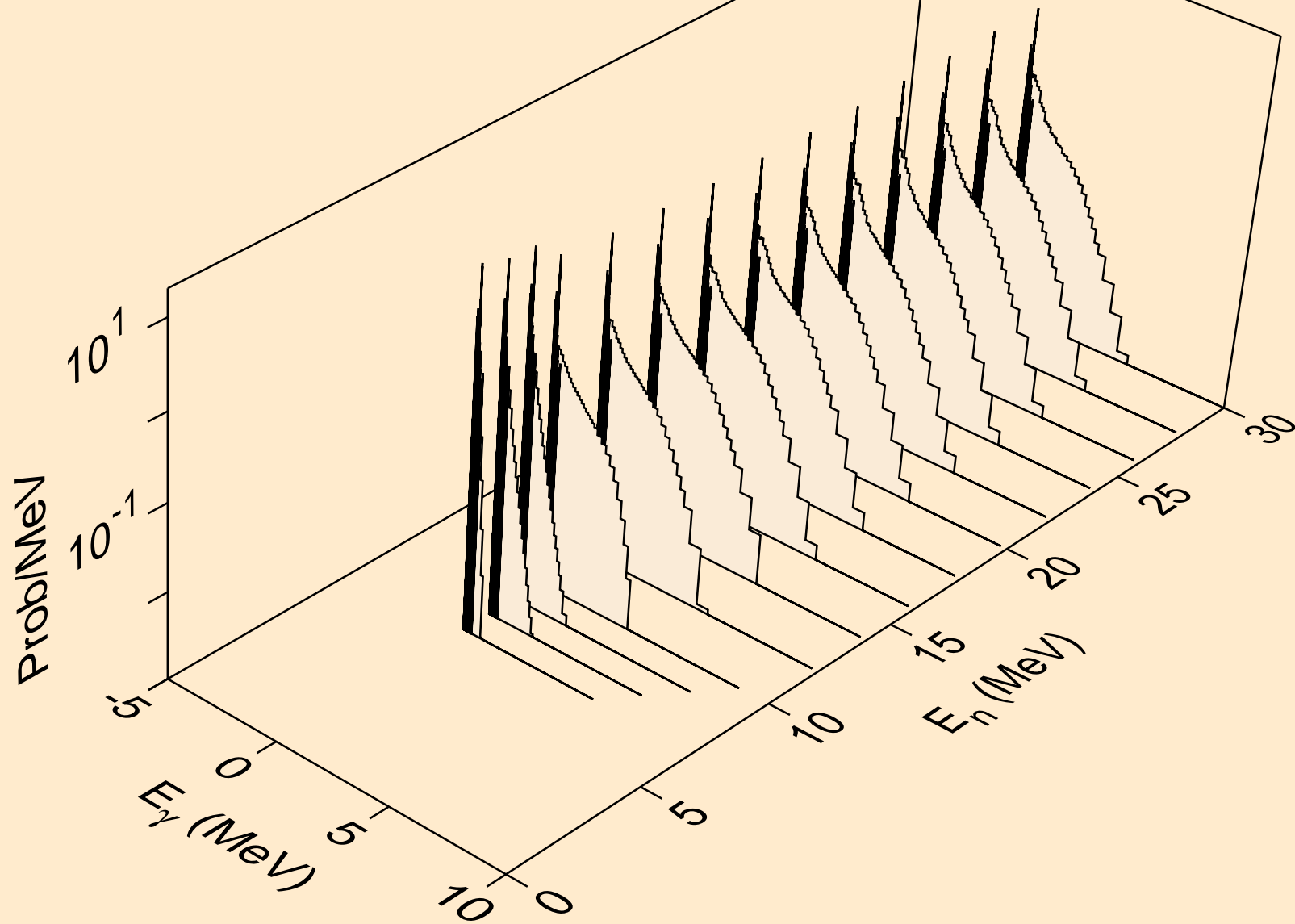
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)a



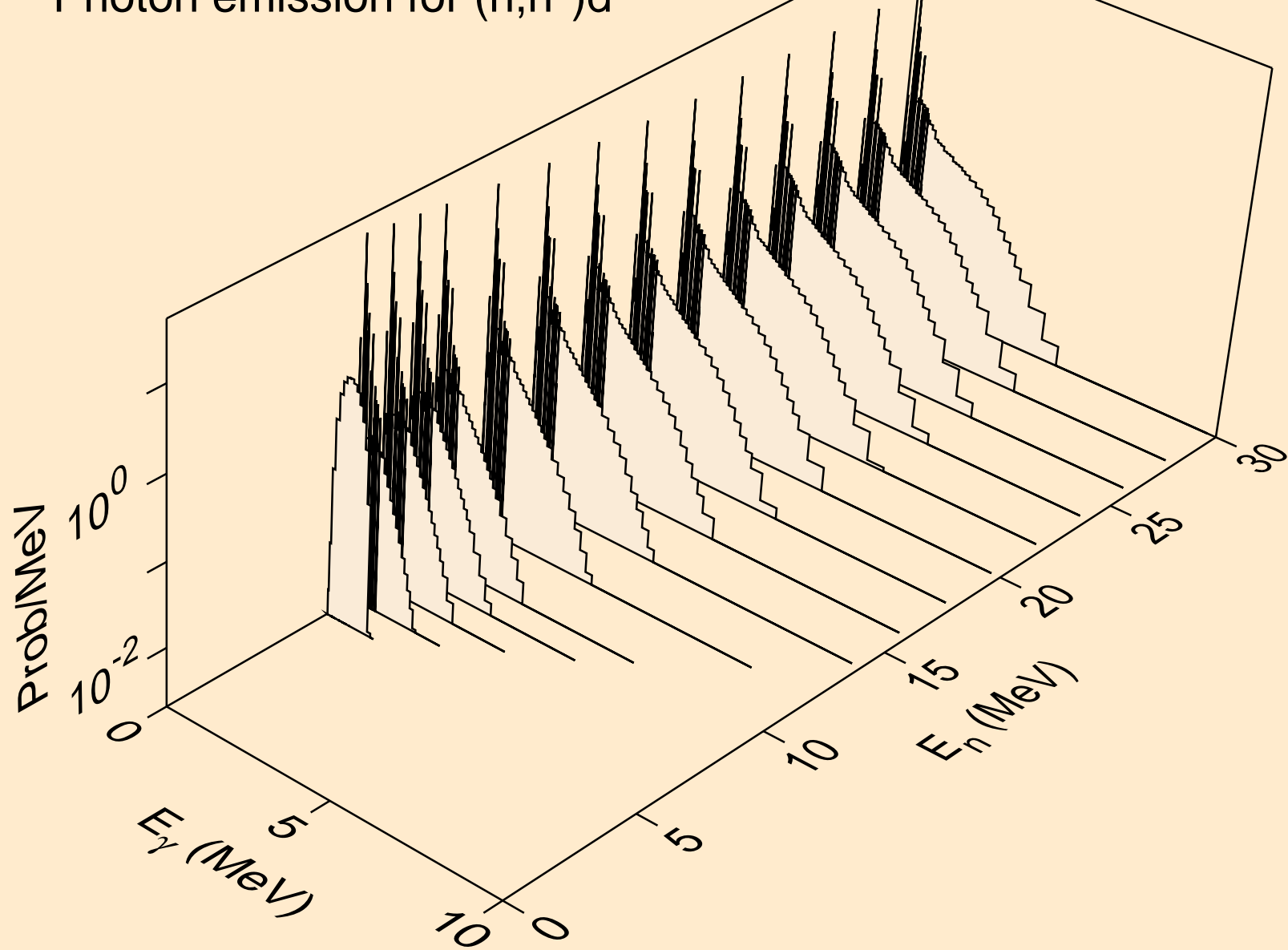
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)a



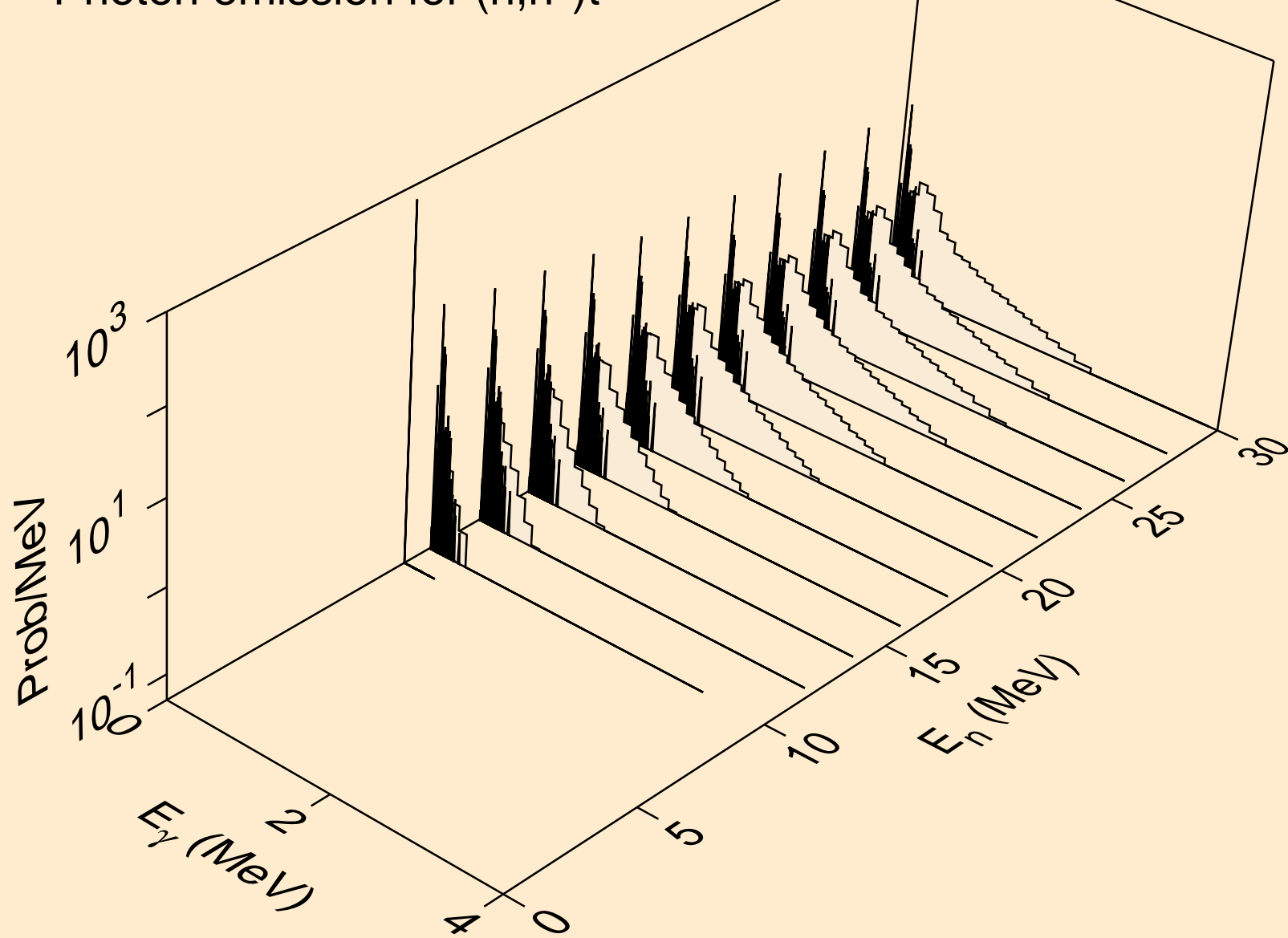
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)p



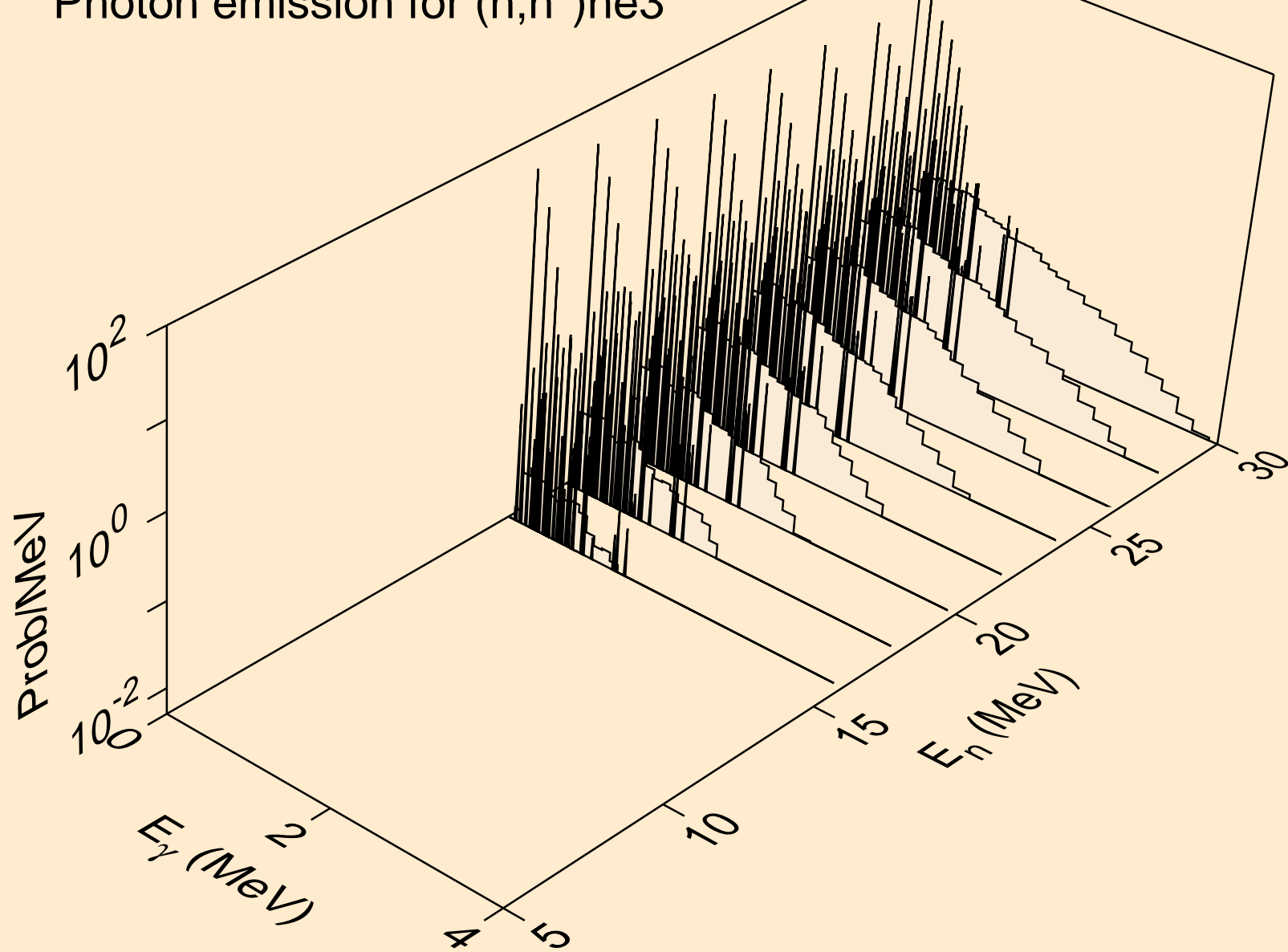
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)d



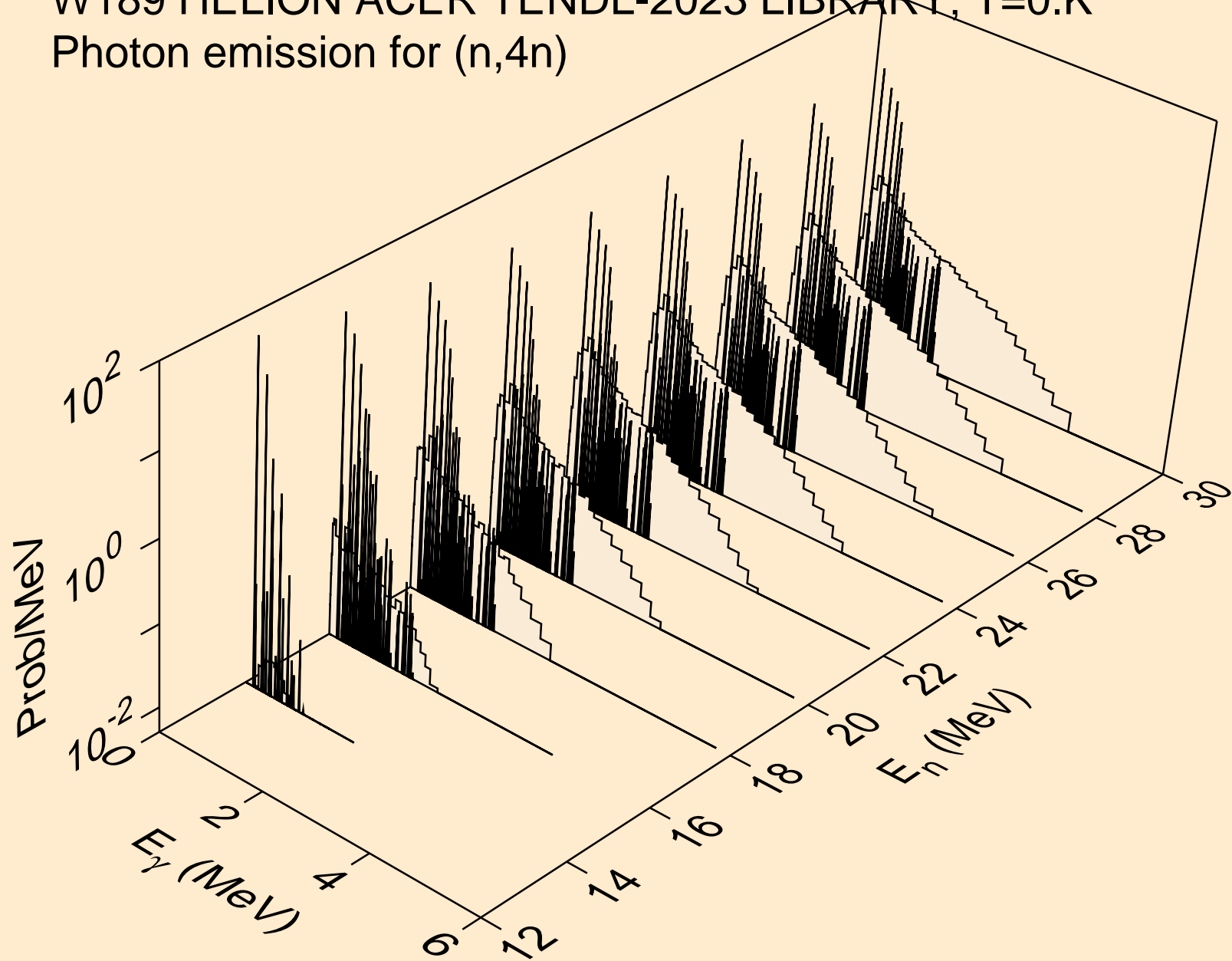
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)t



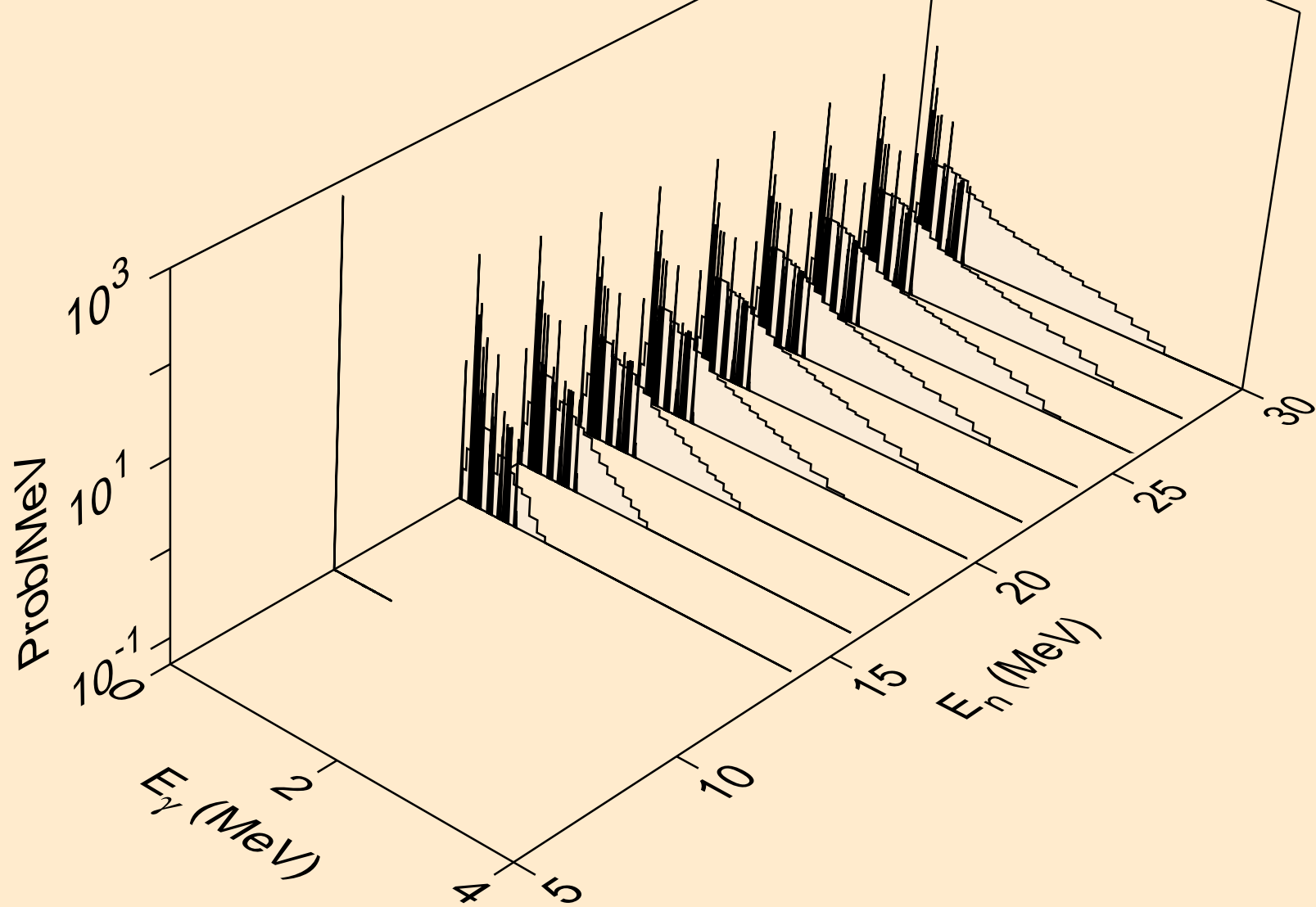
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)he3



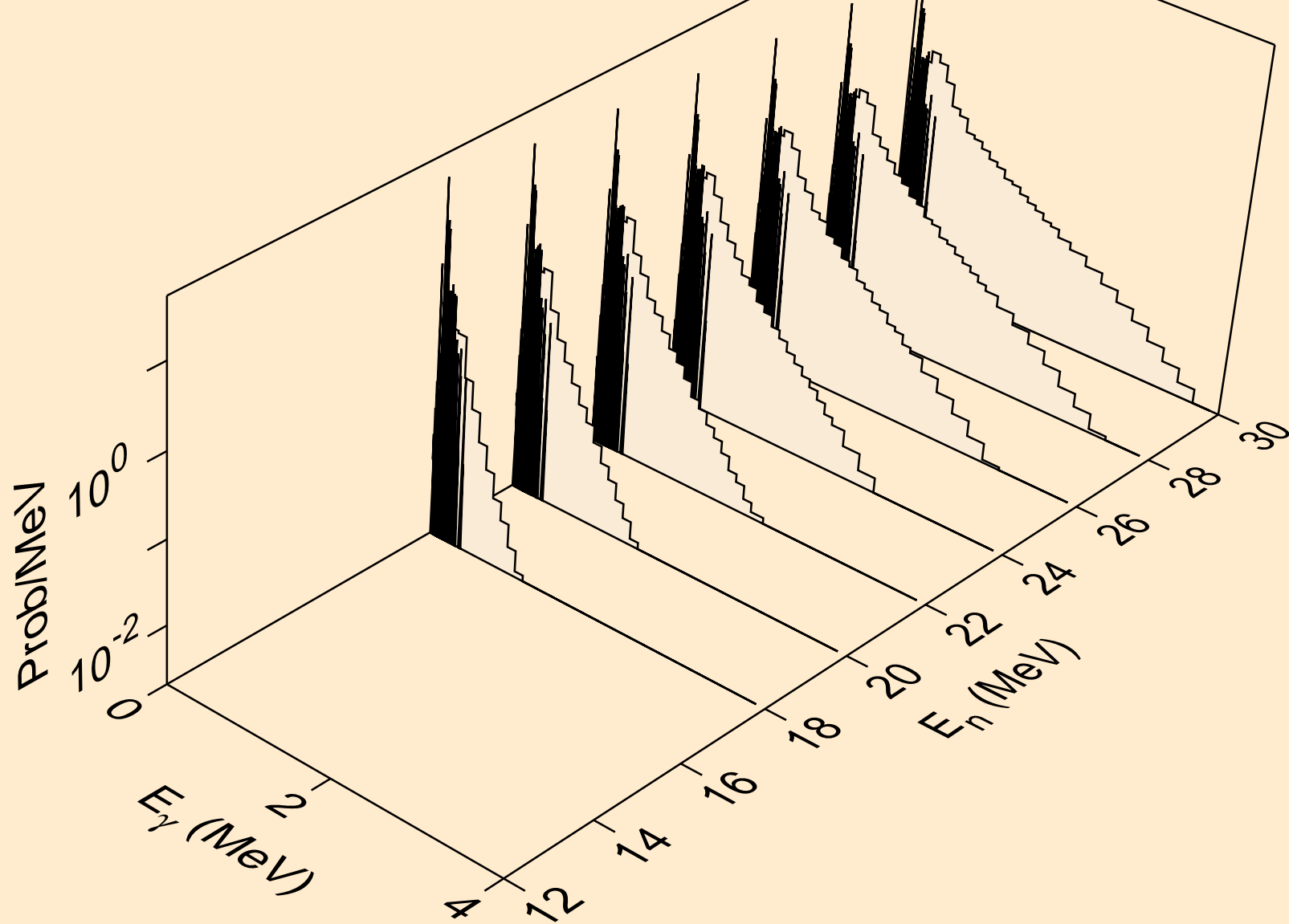
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,4n)



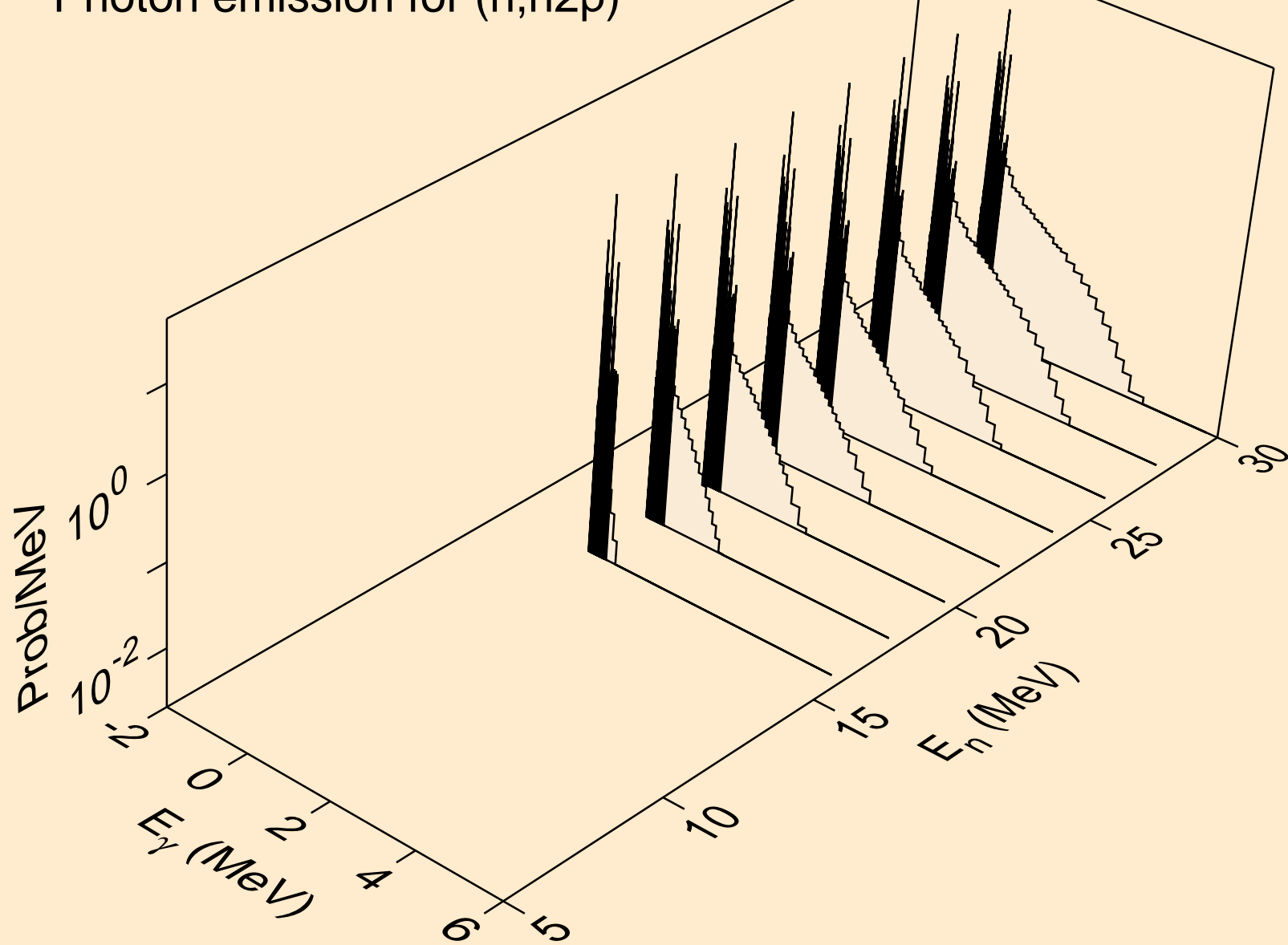
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2np)



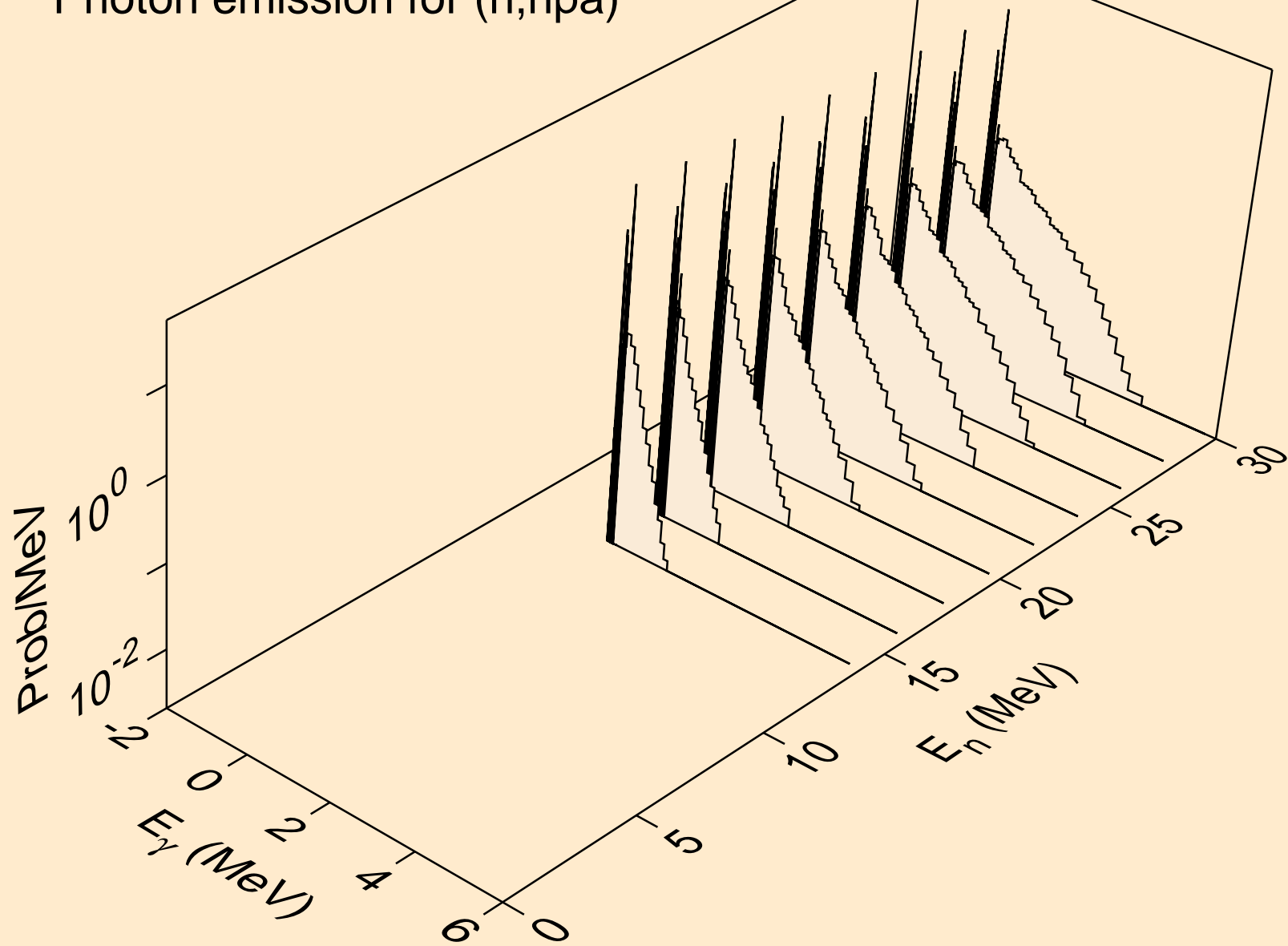
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3np)



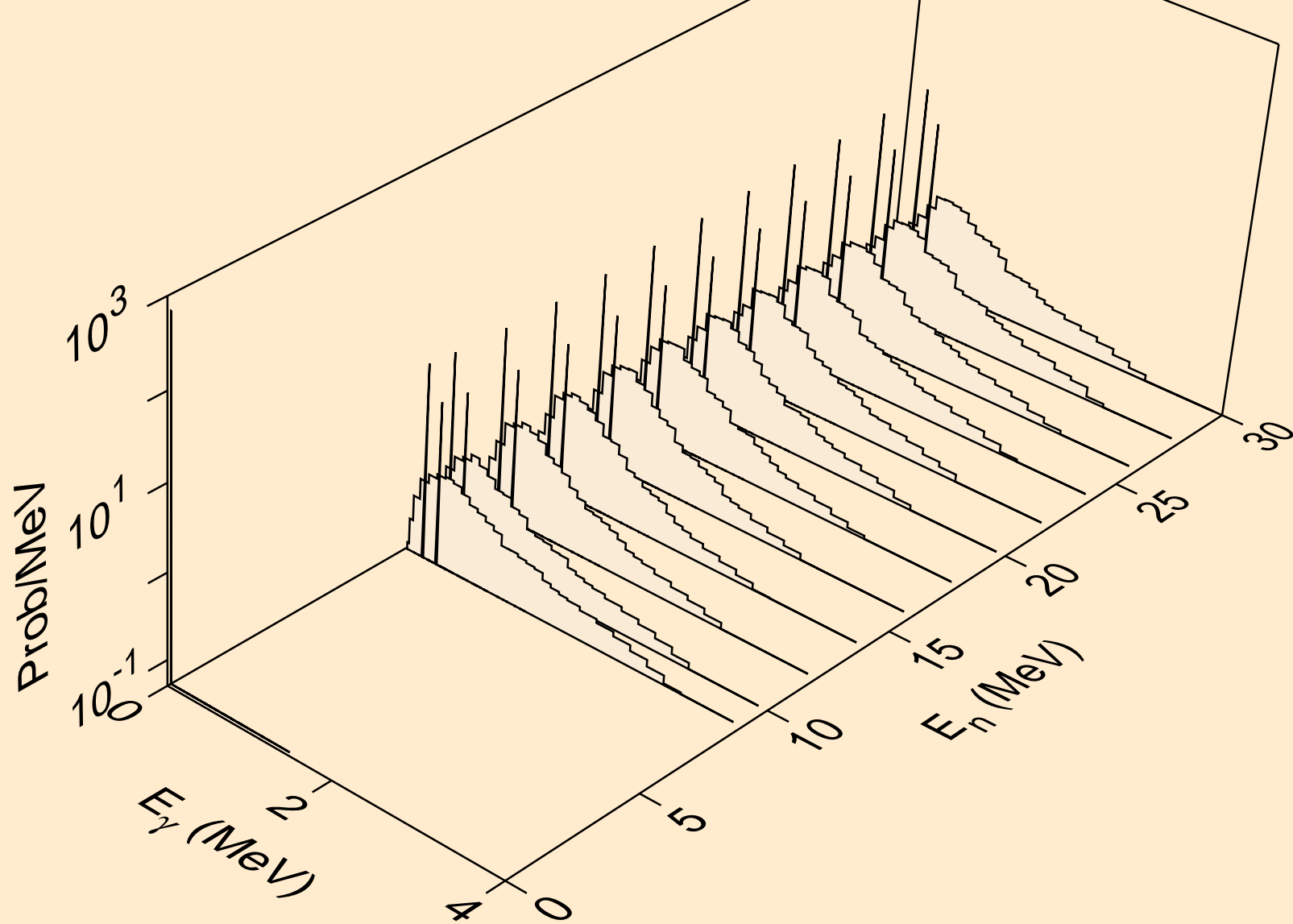
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n2p)



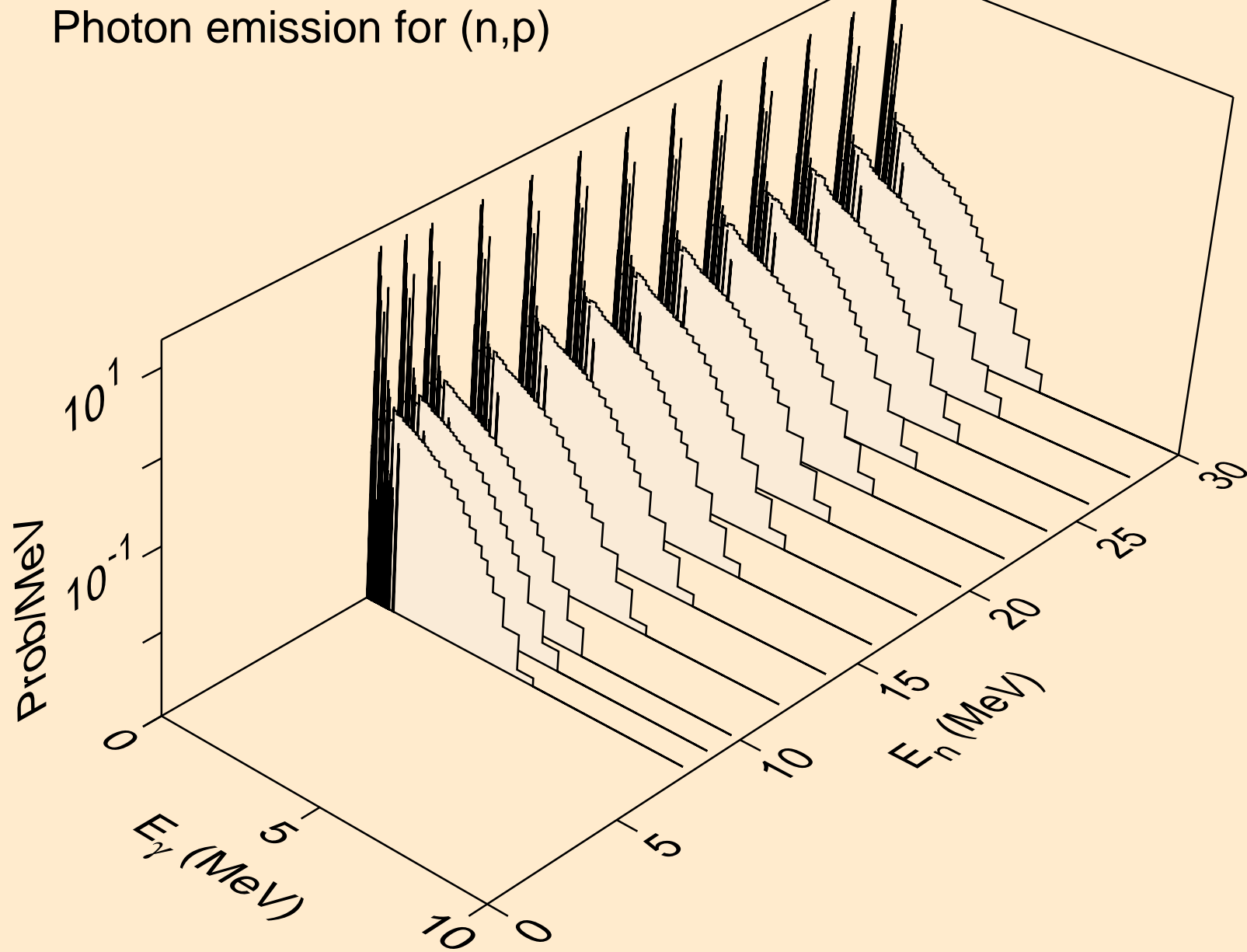
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,npa)



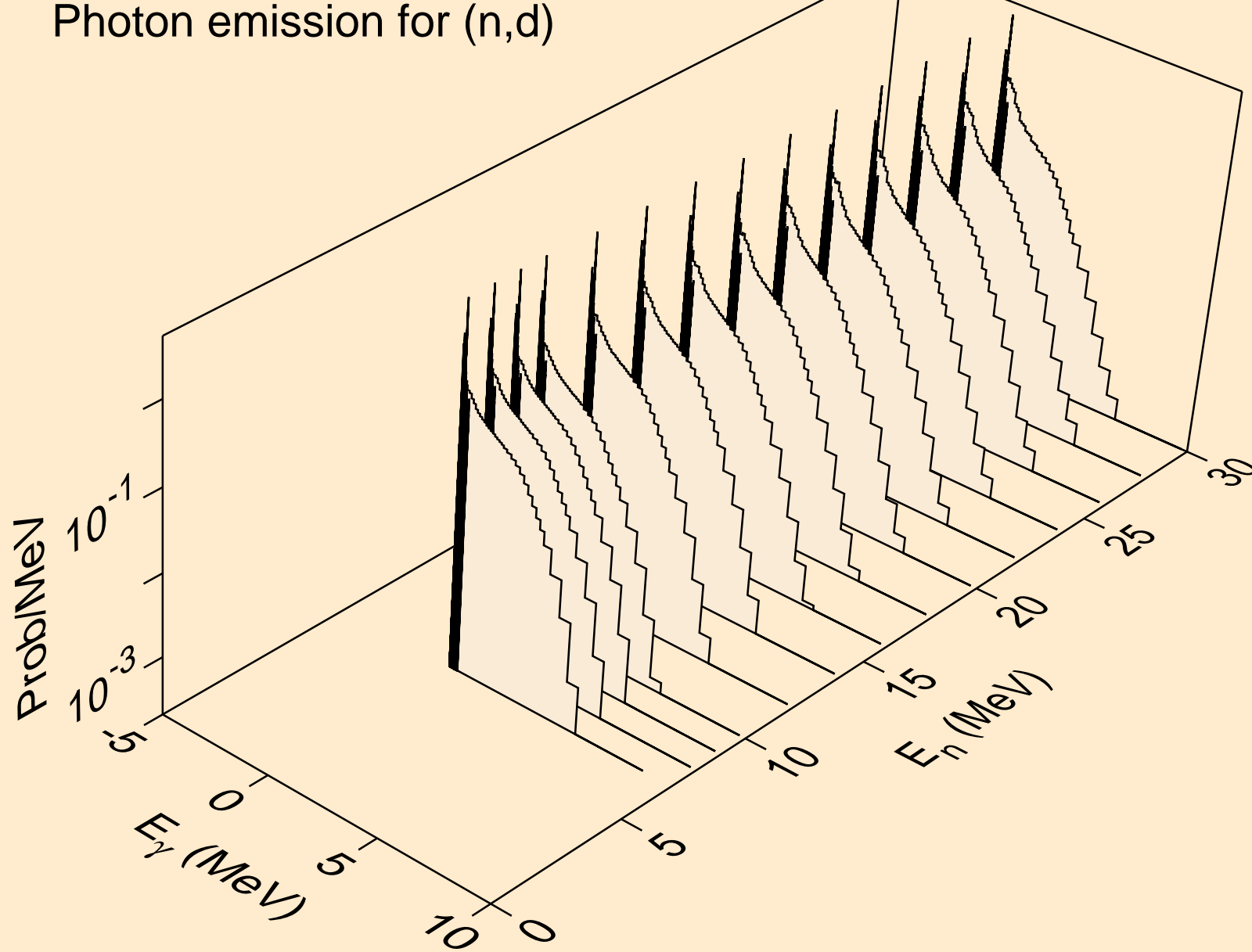
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



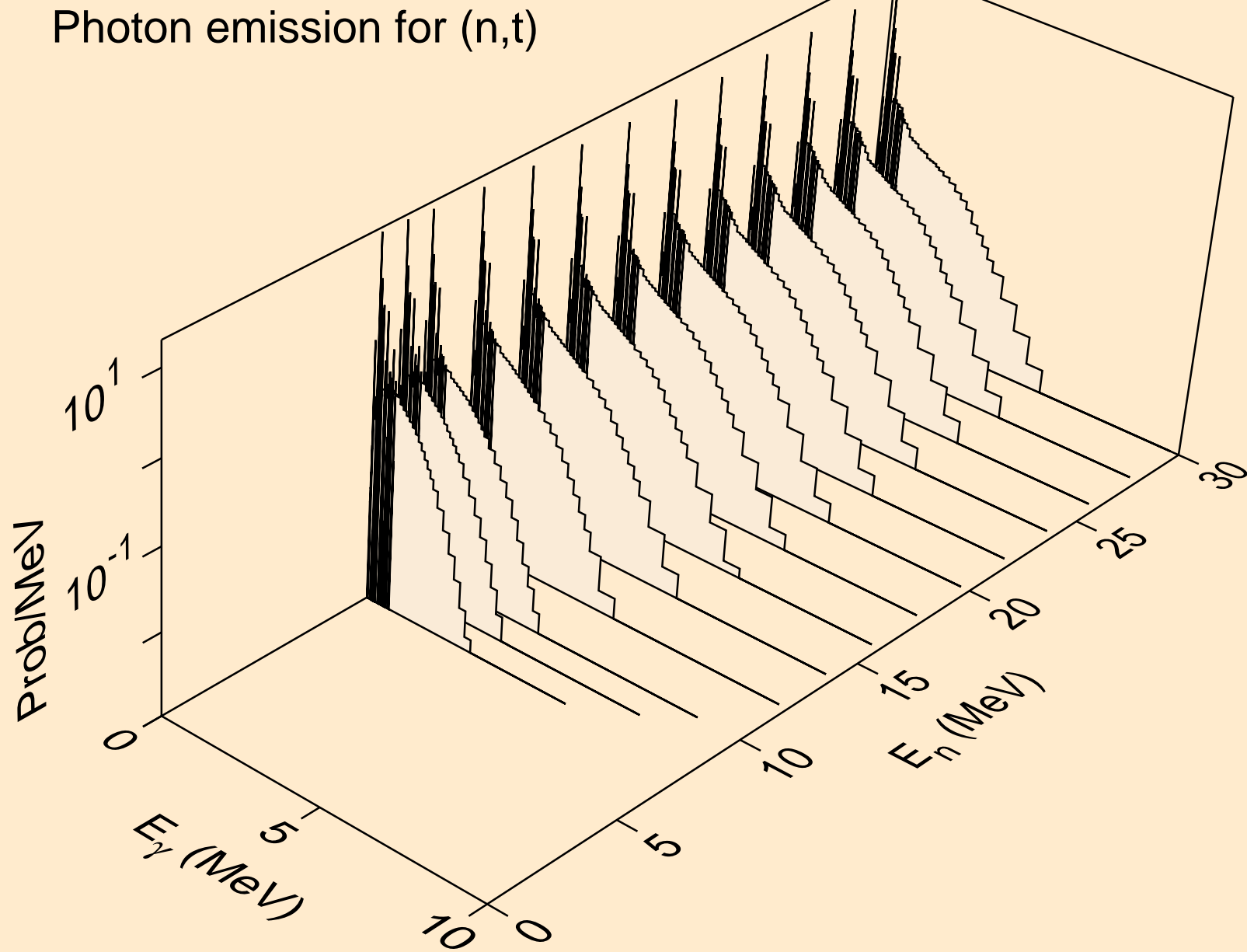
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p)



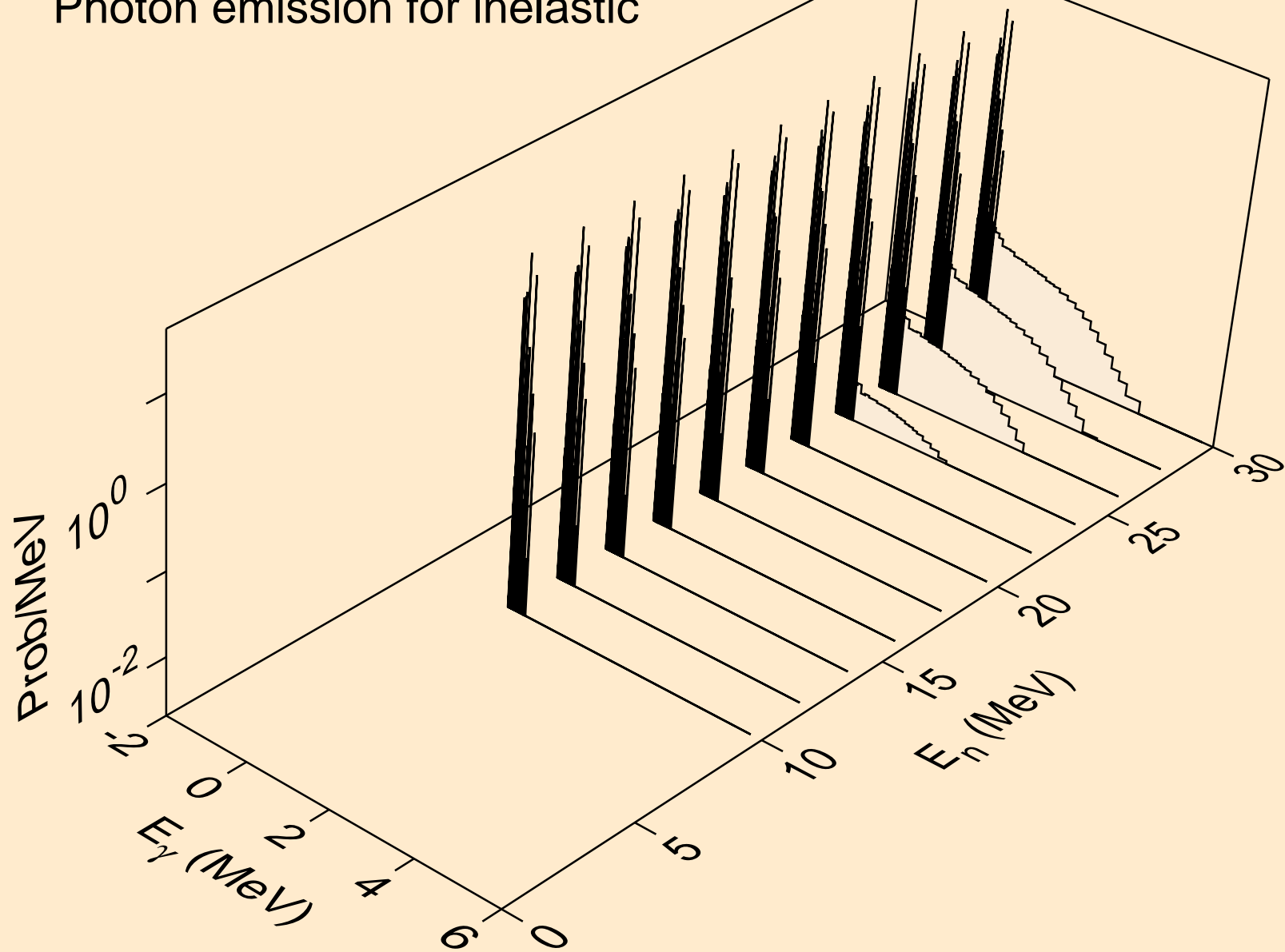
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)



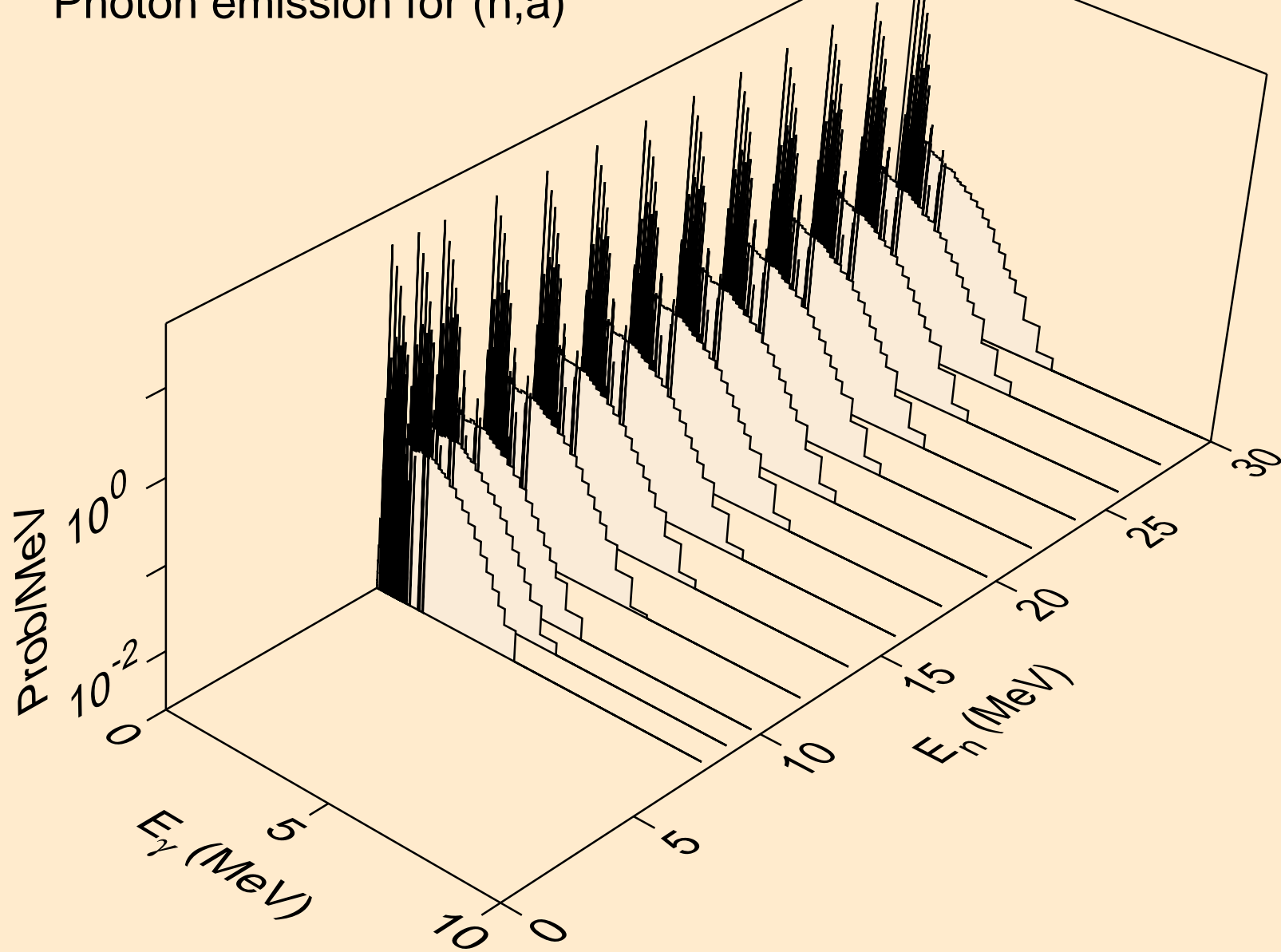
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)



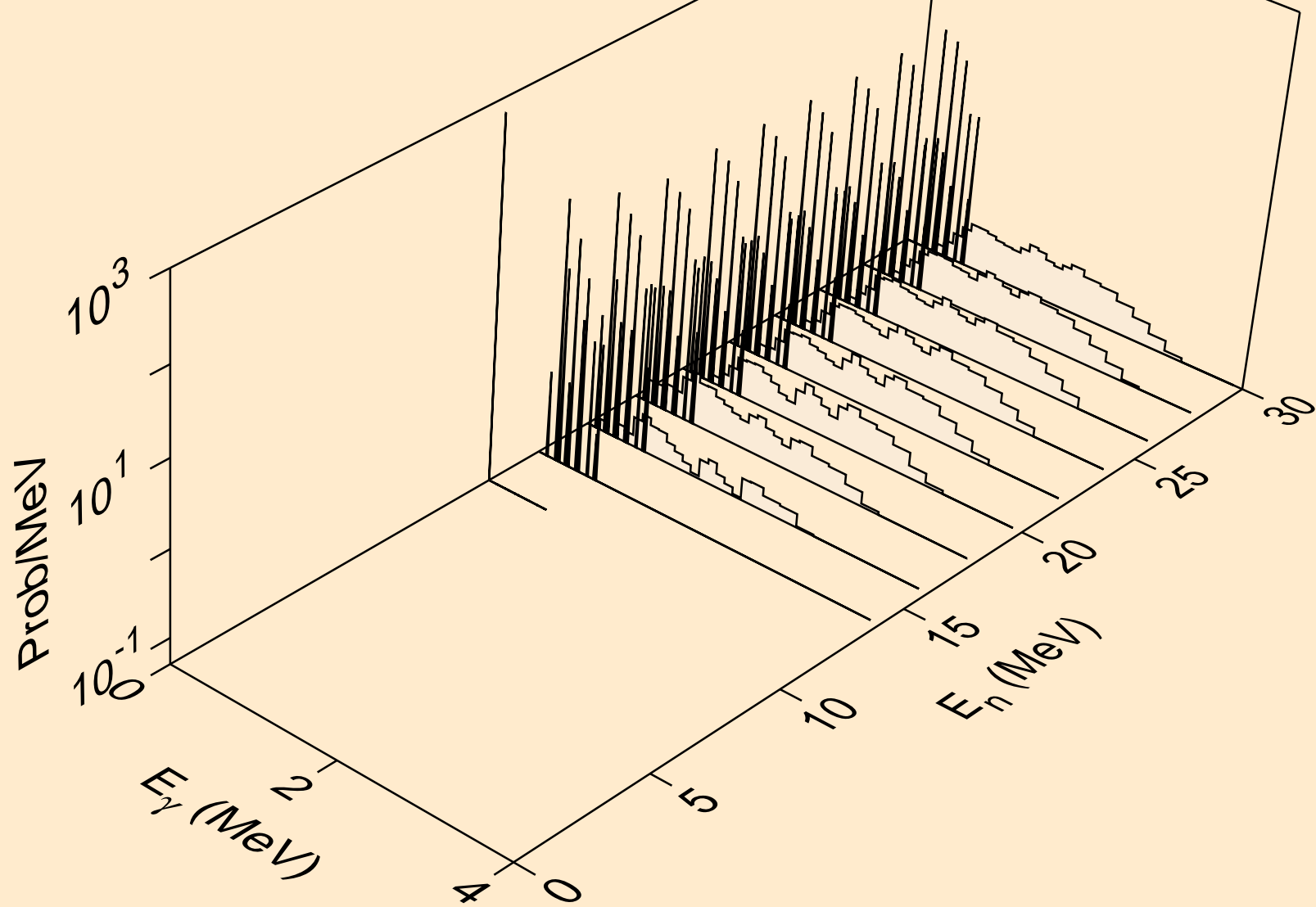
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for inelastic



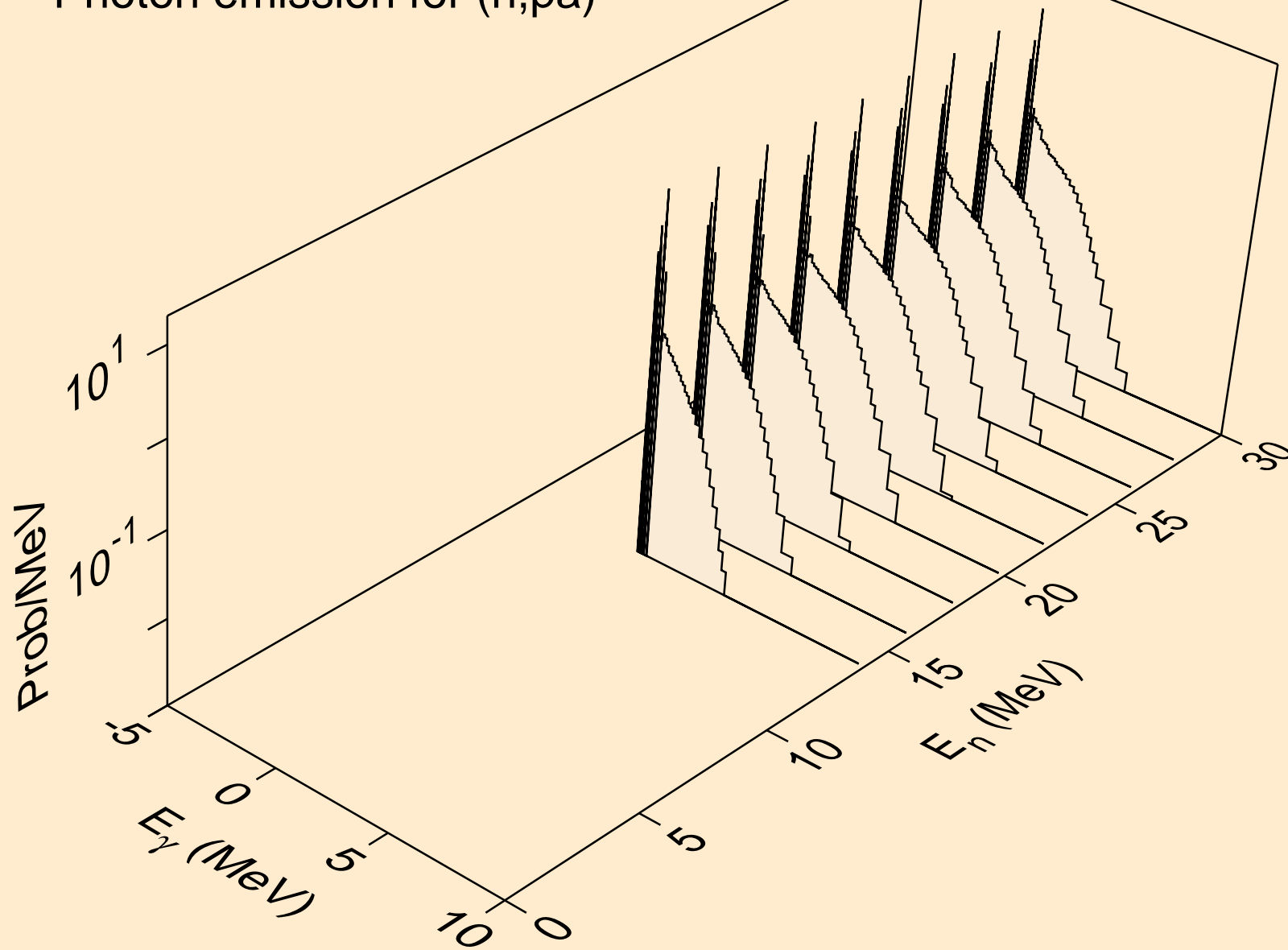
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,a)



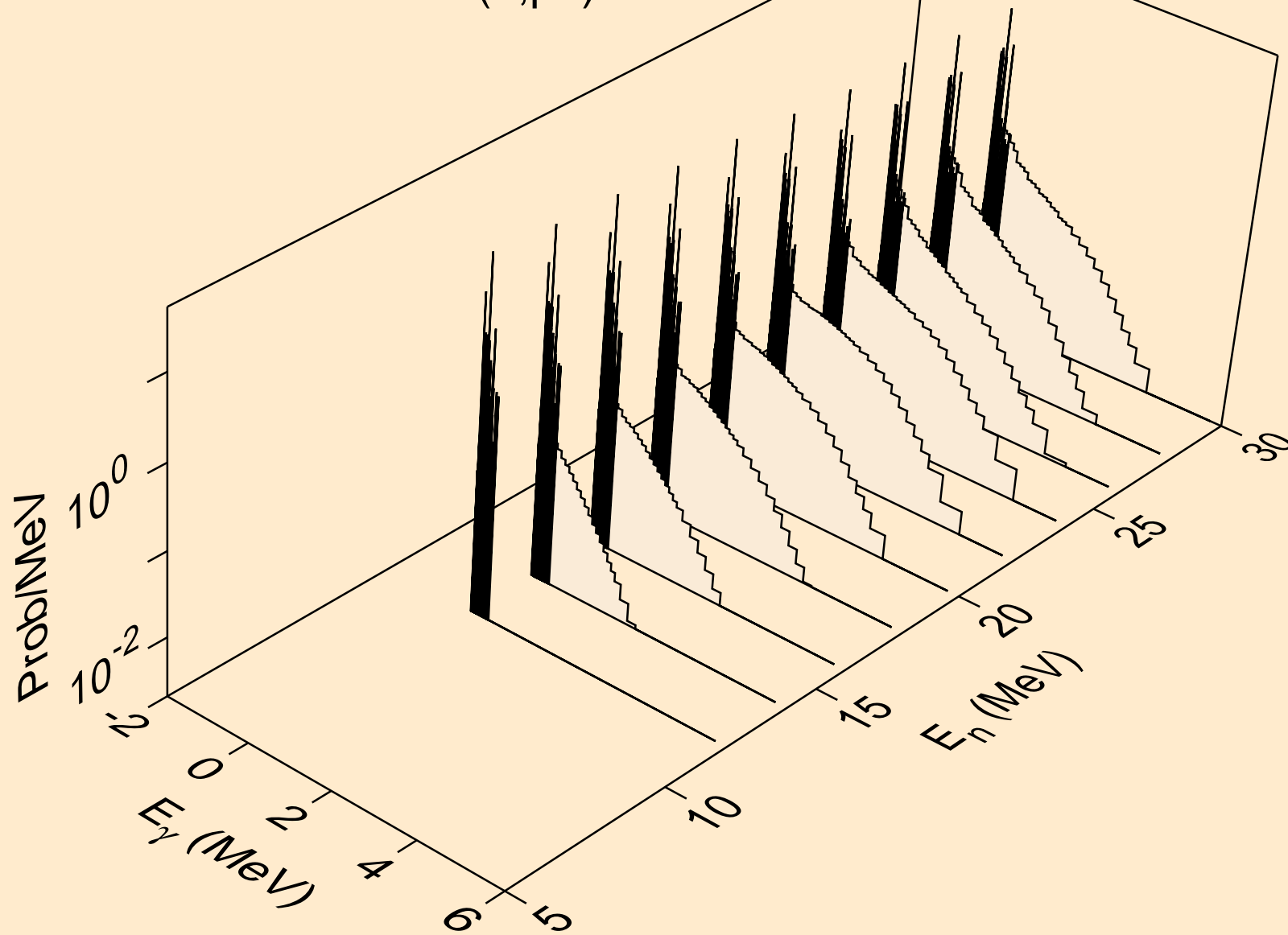
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2p)



W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pa)

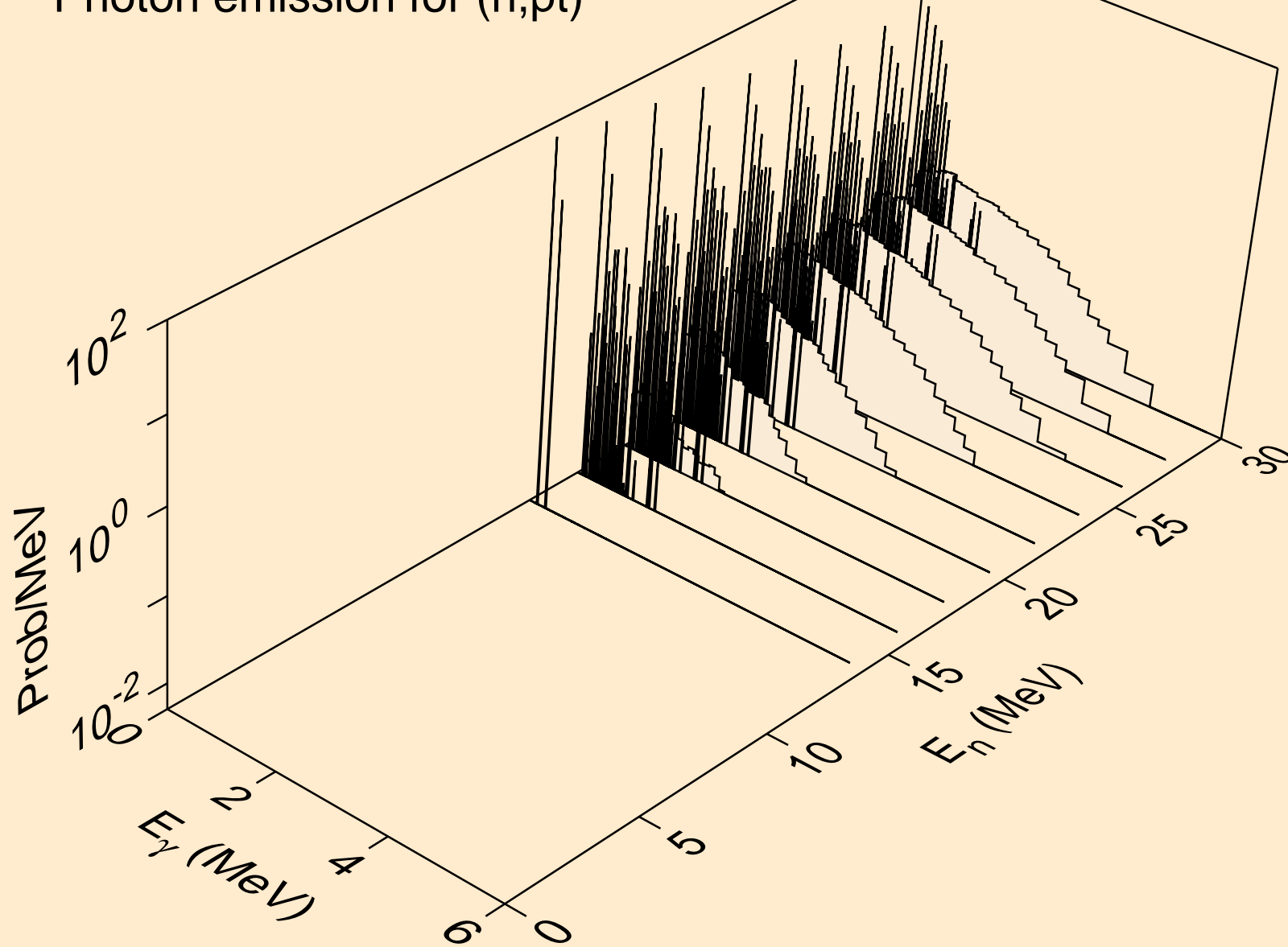


W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pd)

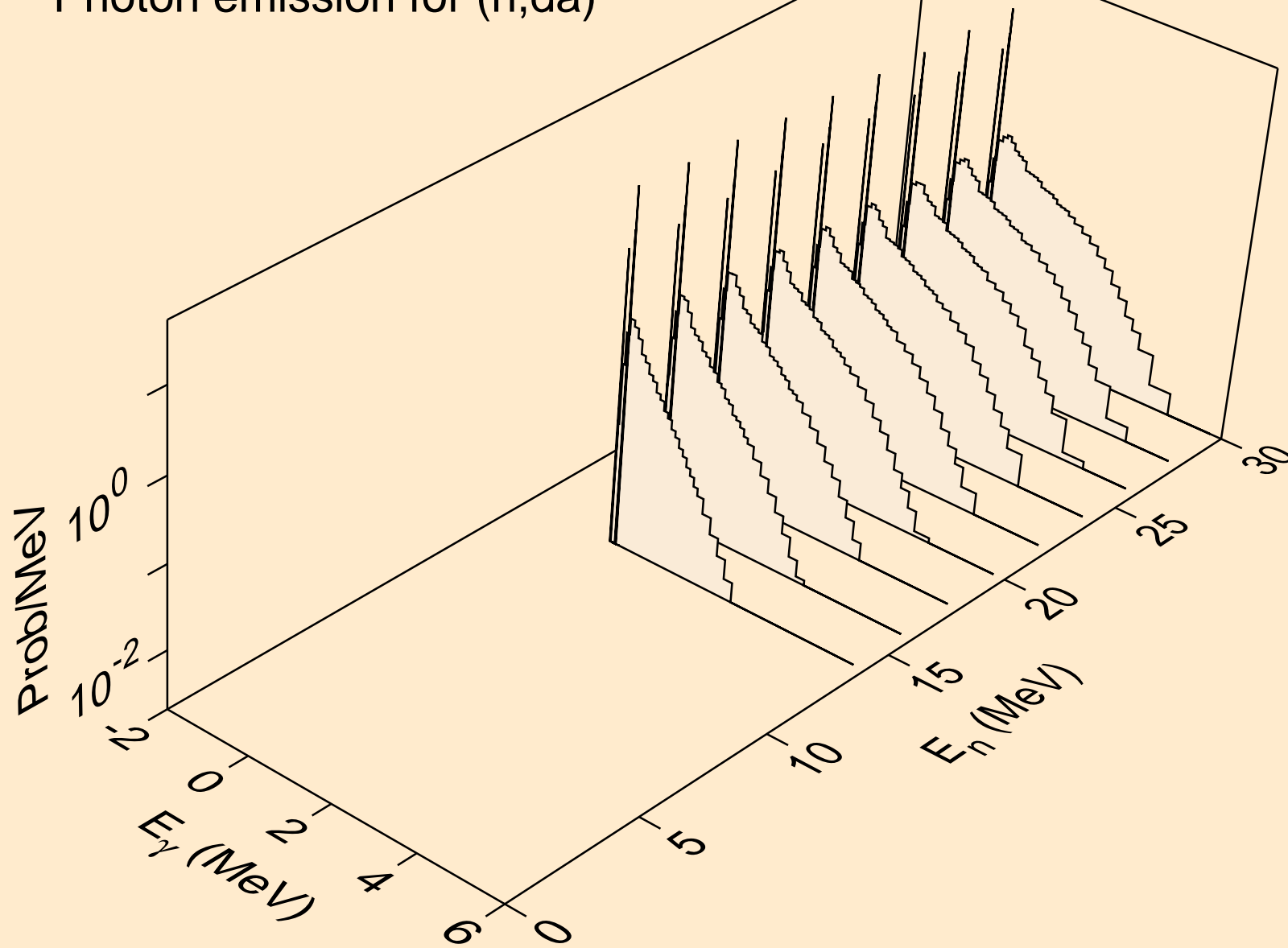


W189 HELION ACER TENDL-2023 LIBRARY; T=0.K

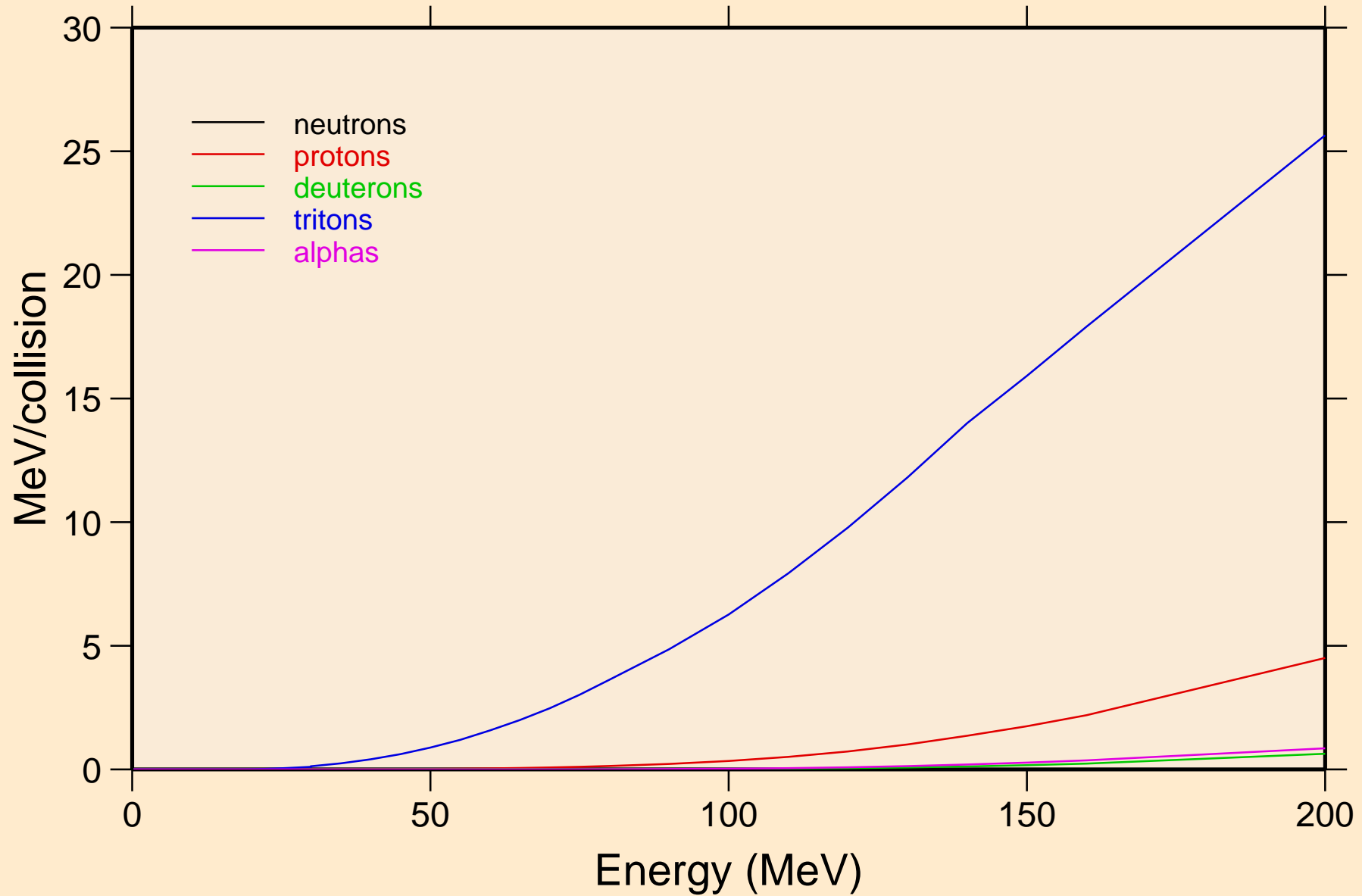
Photon emission for (n,pt)



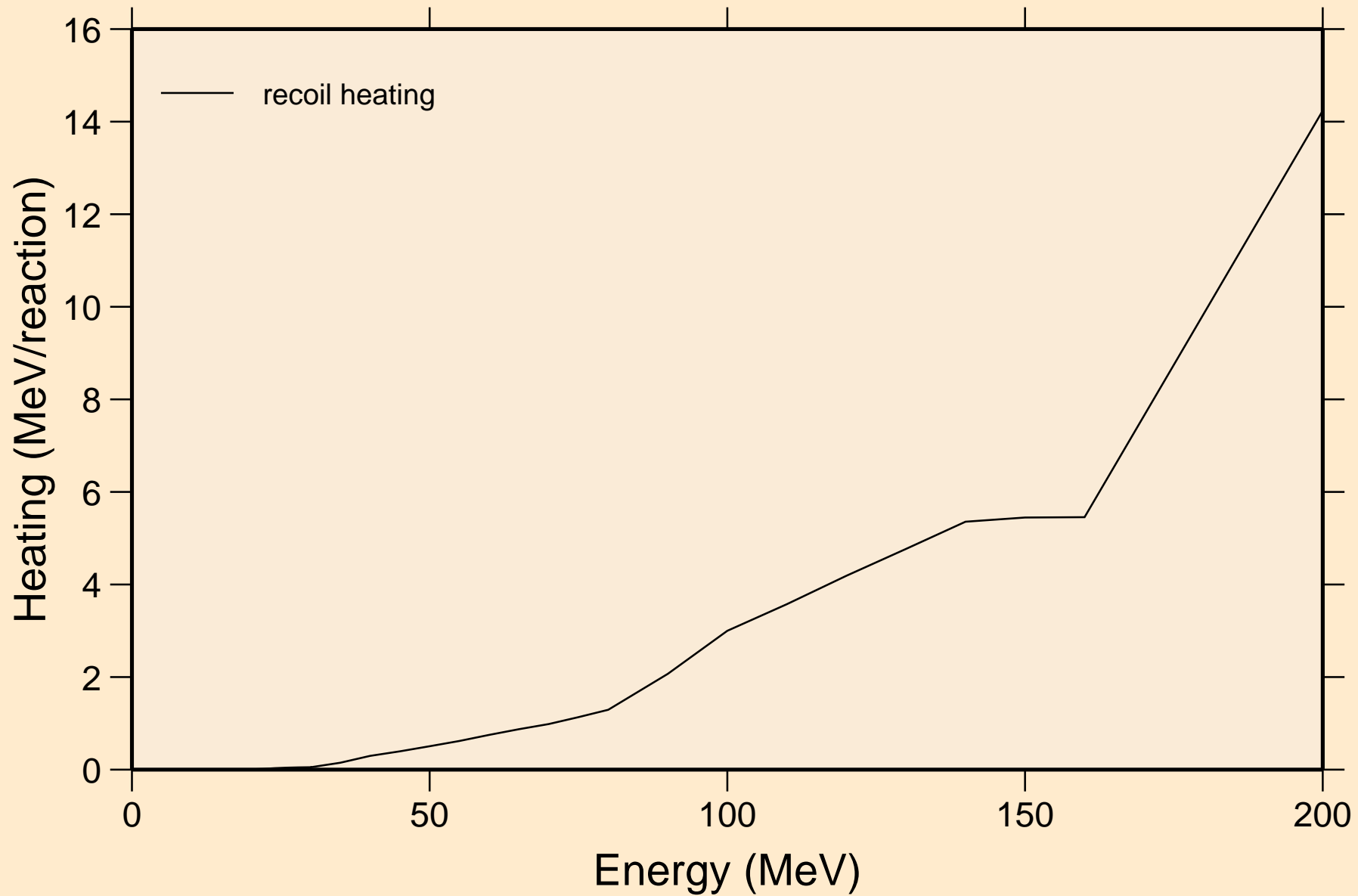
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,da)



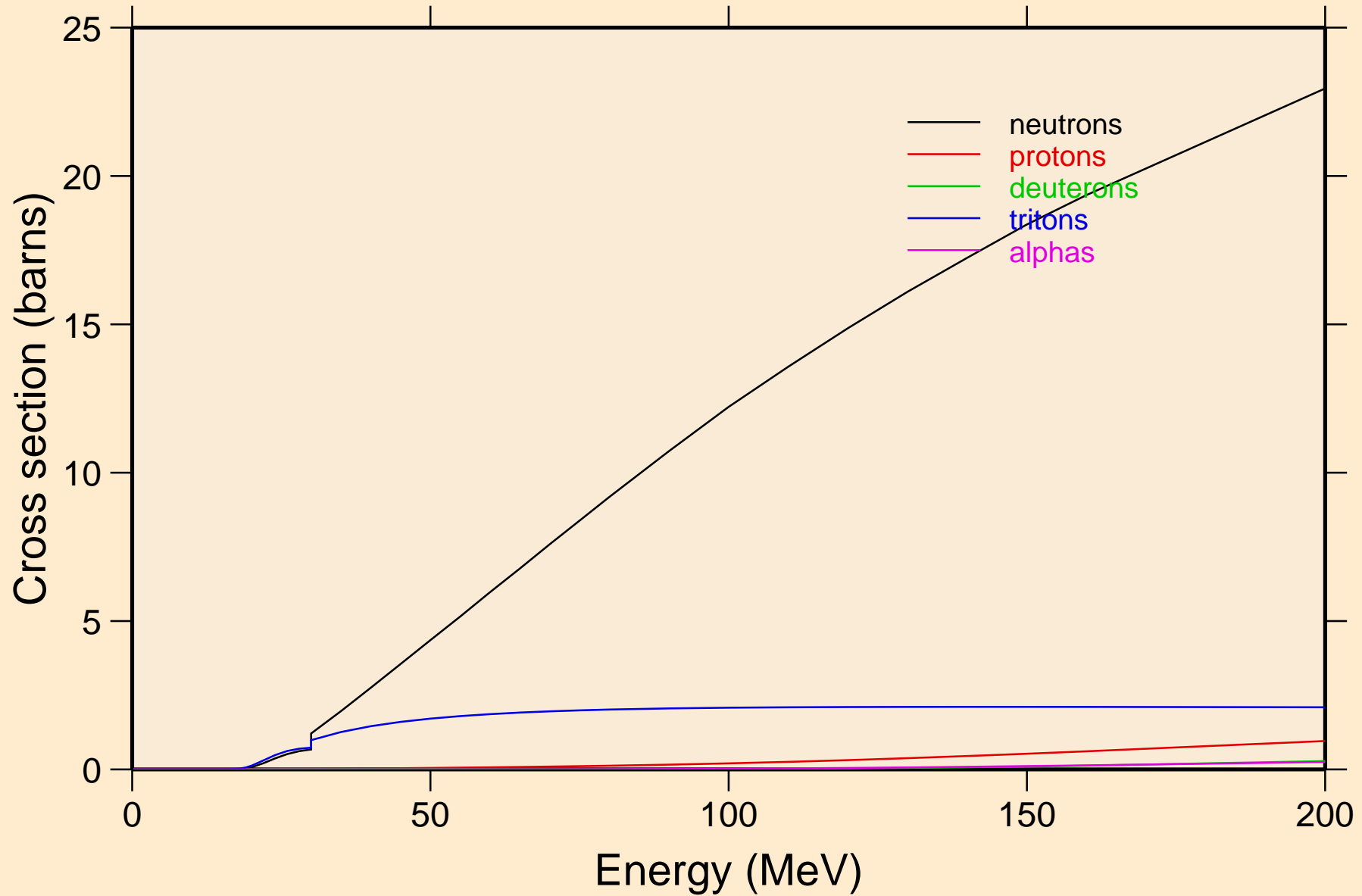
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Particle heating contributions



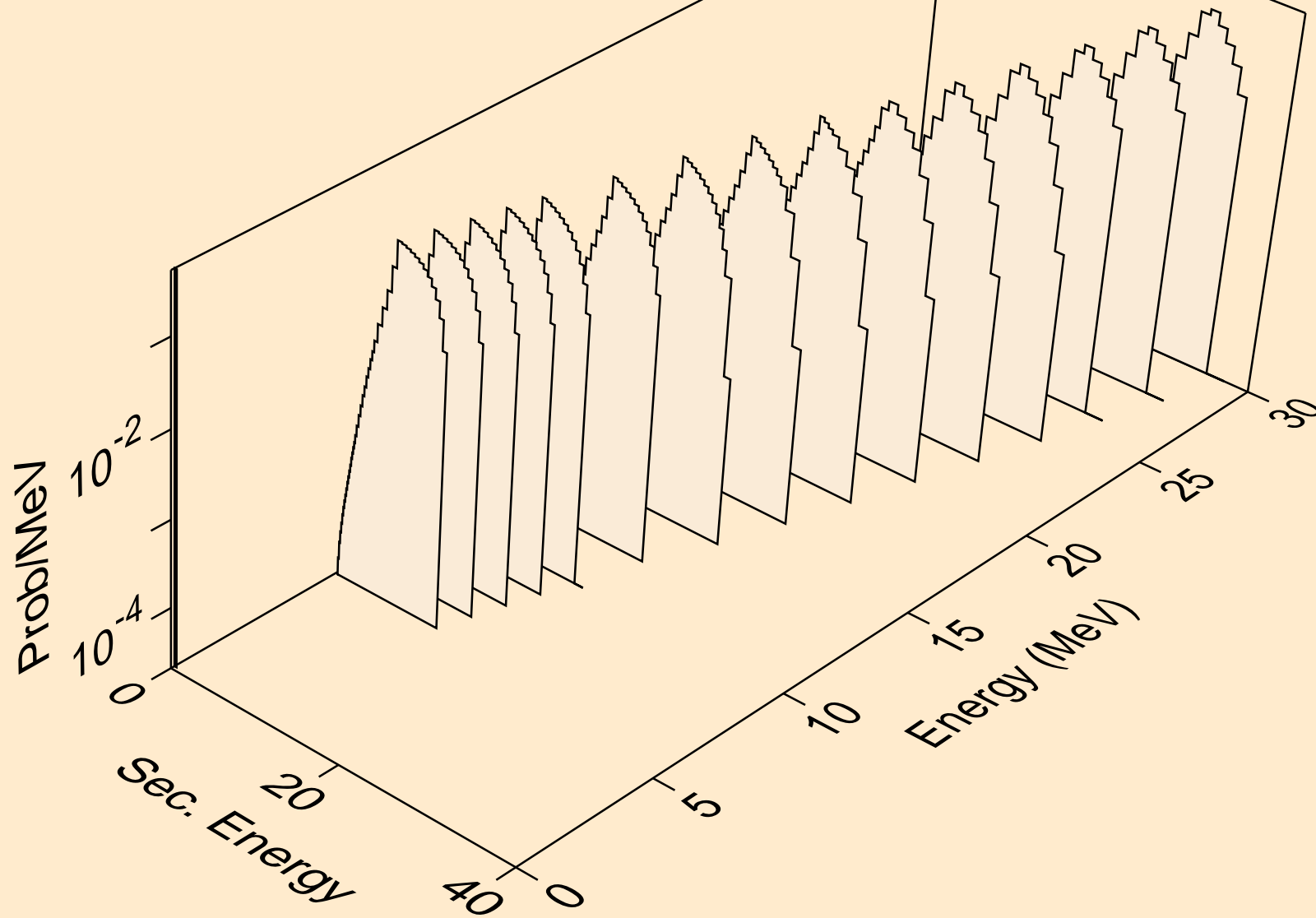
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Recoil Heating



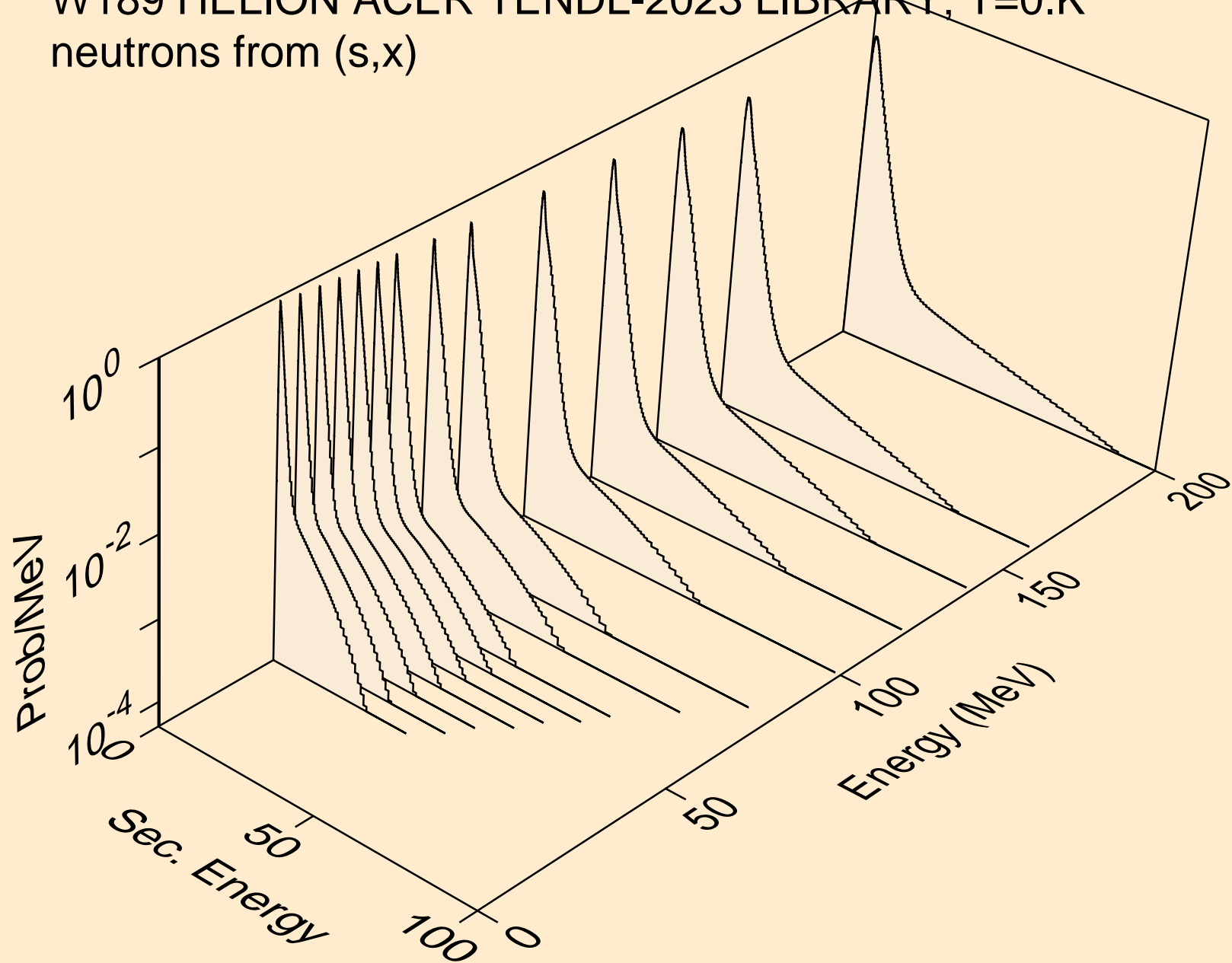
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Particle production cross sections



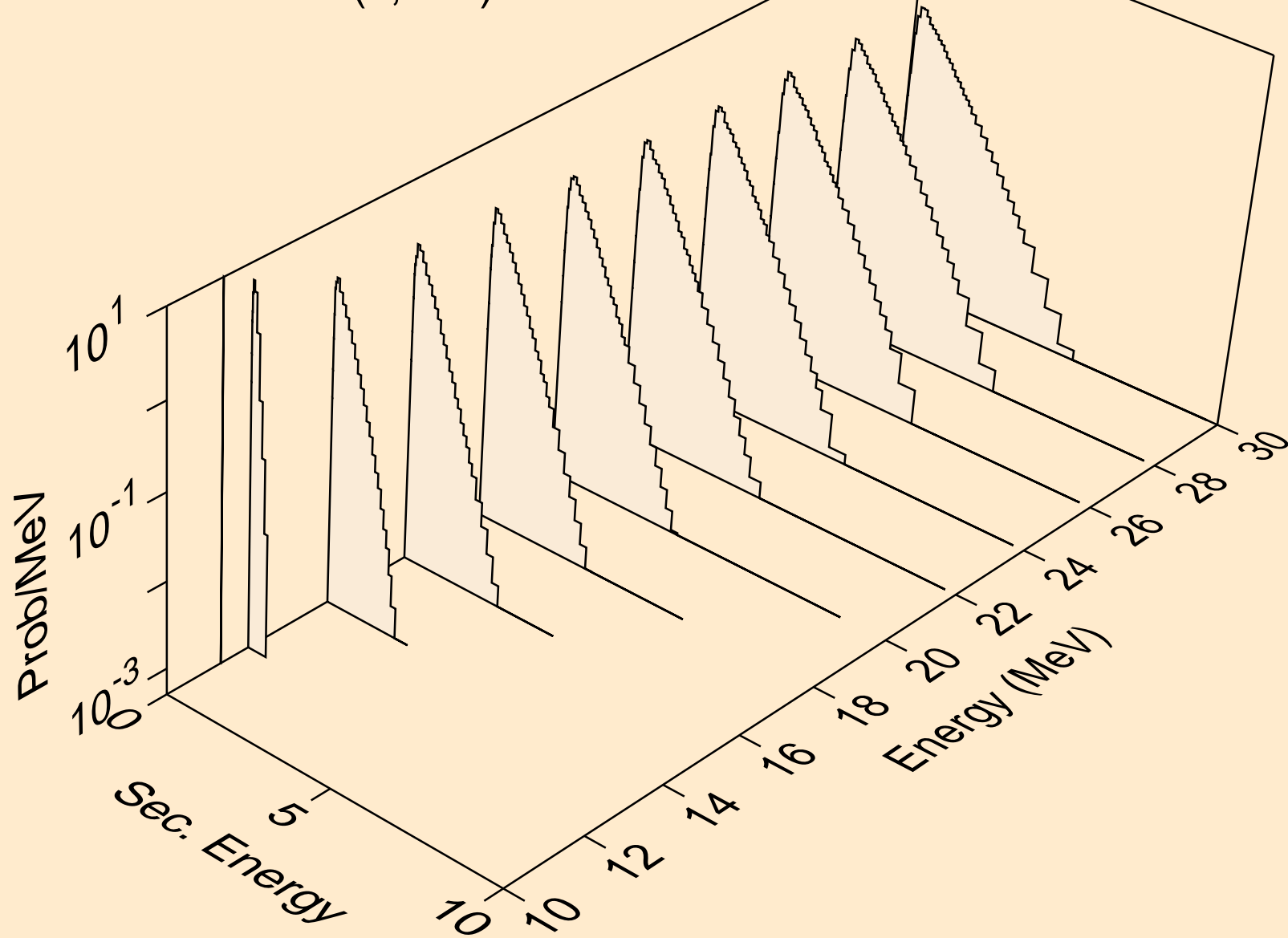
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,n)



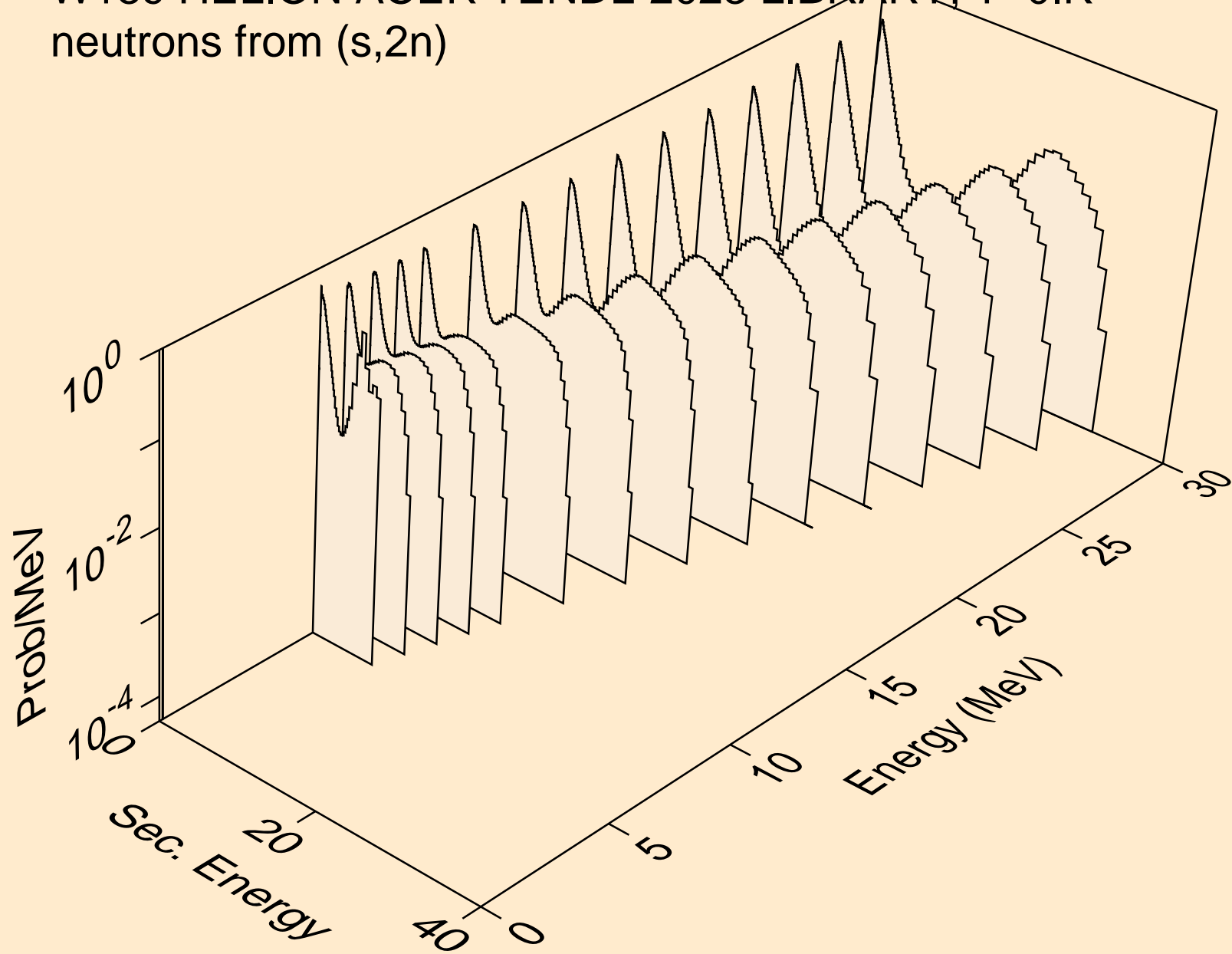
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,x)



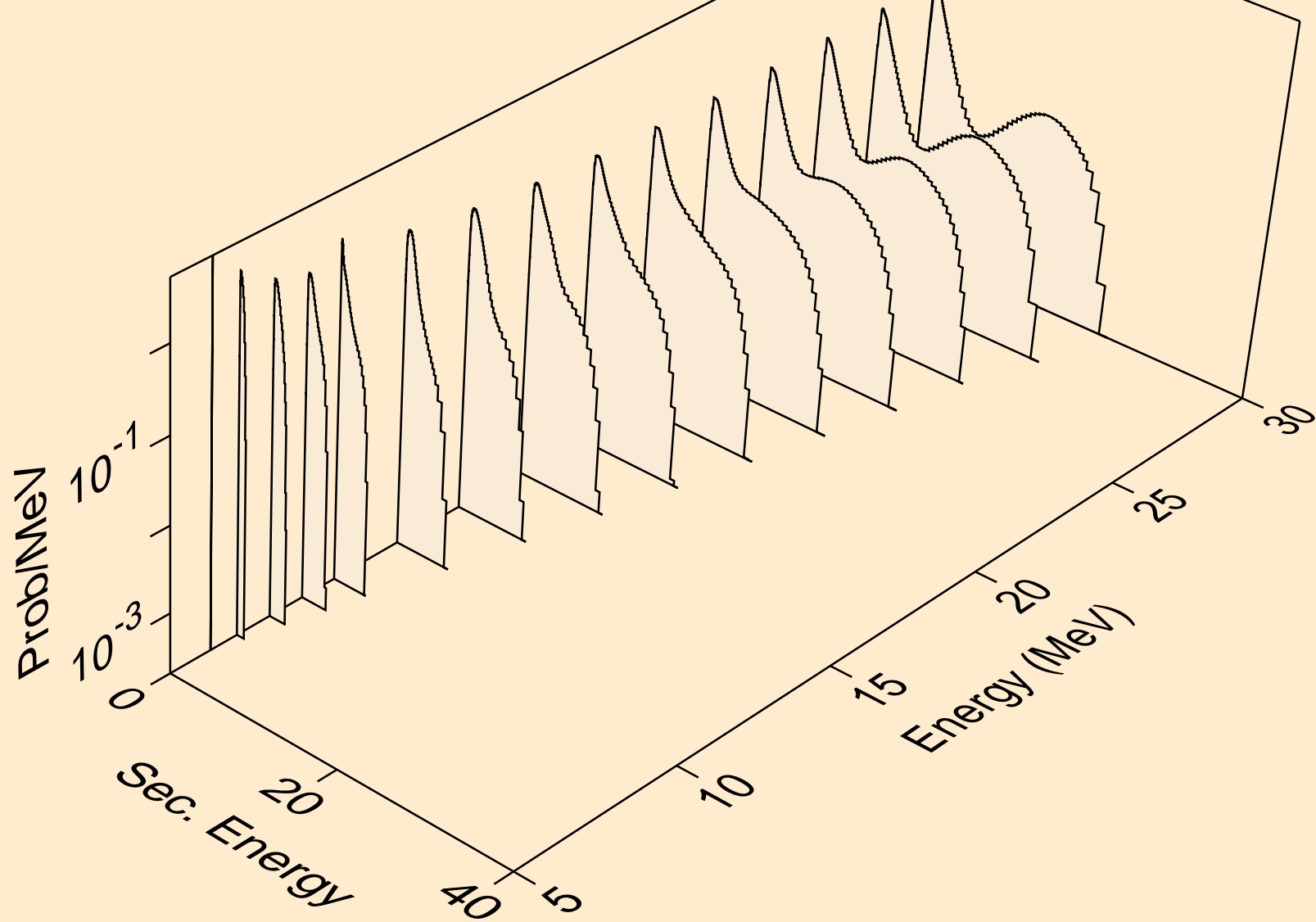
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,2nd)



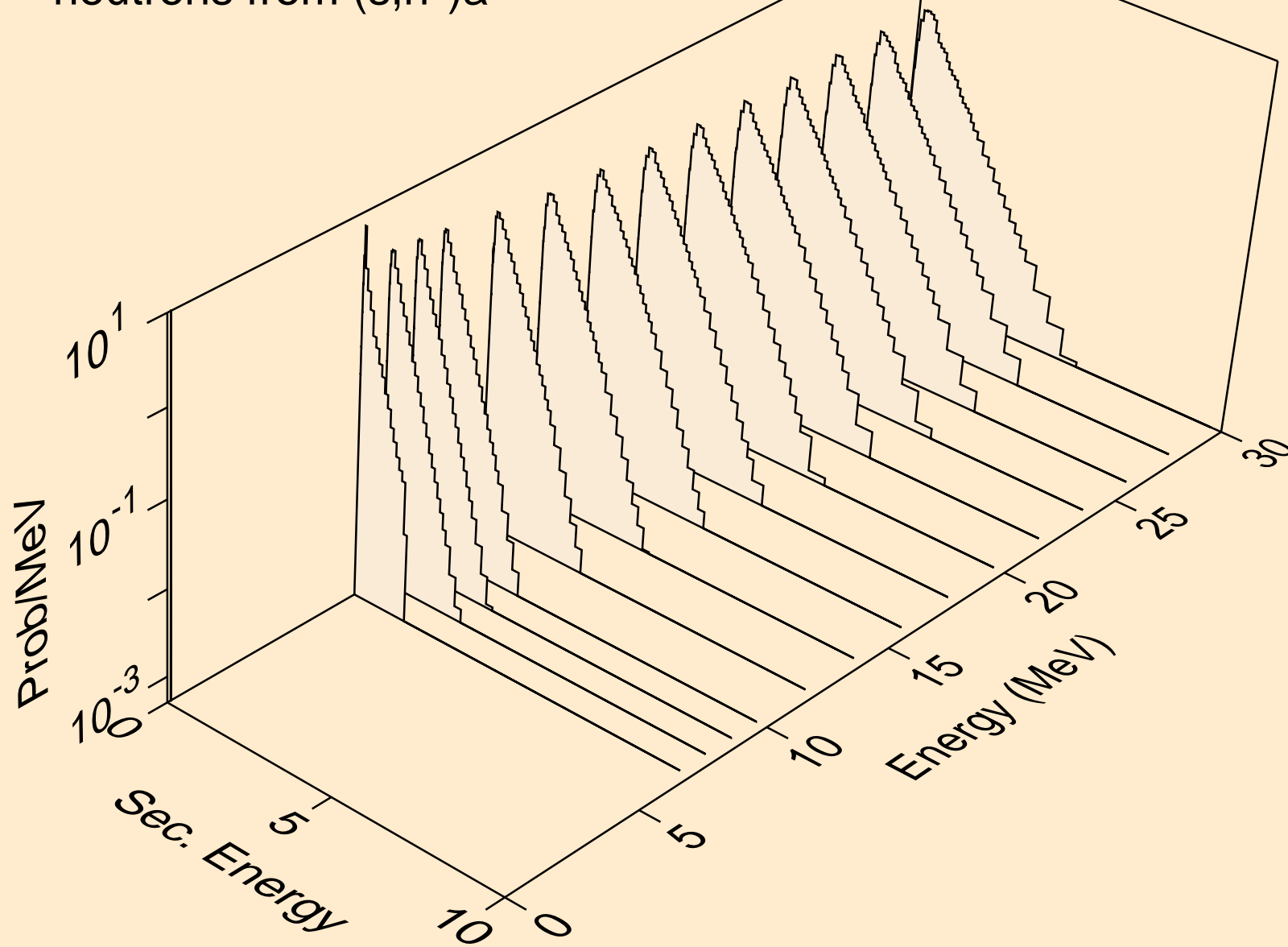
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,2n)



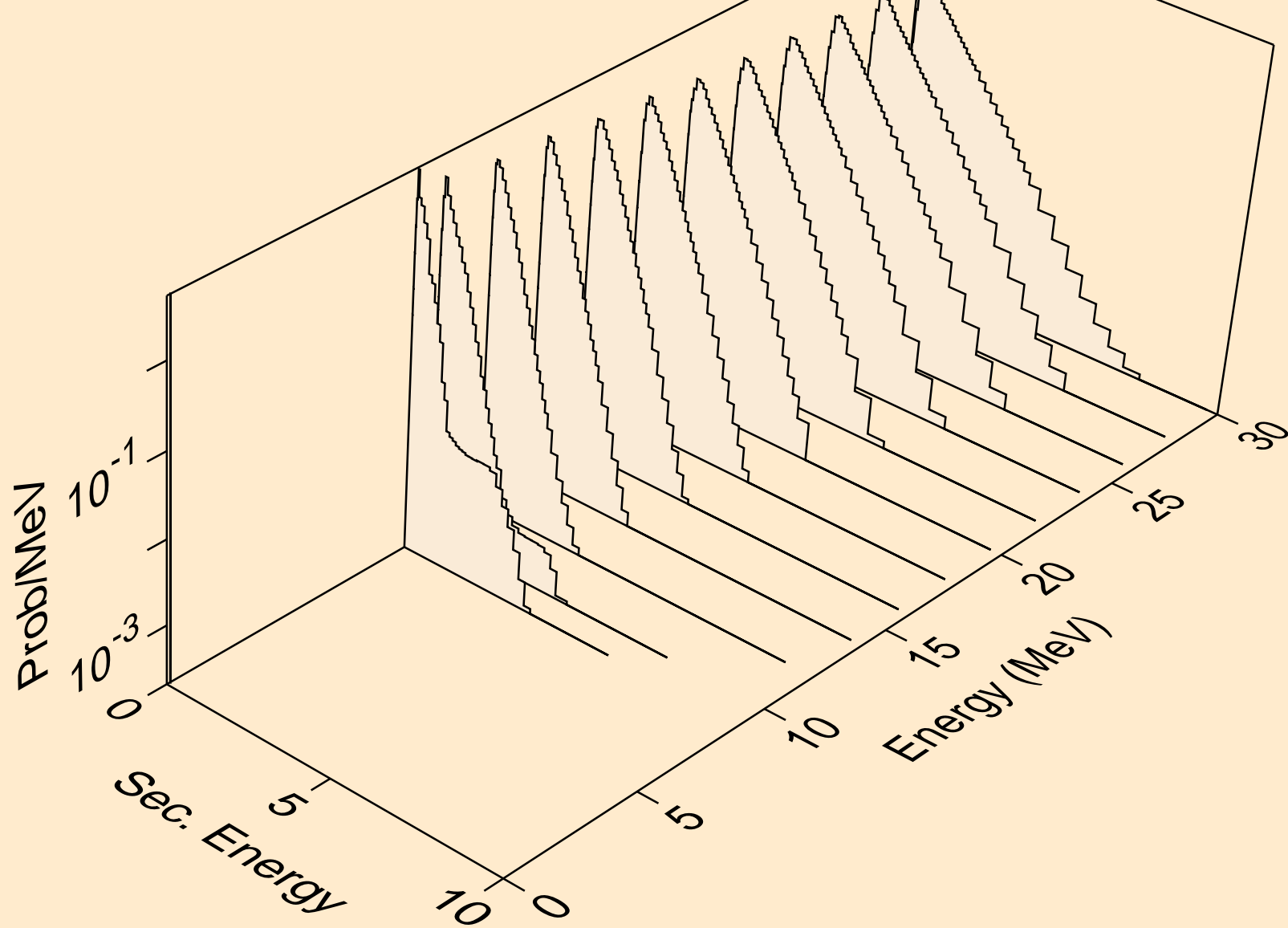
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,3n)



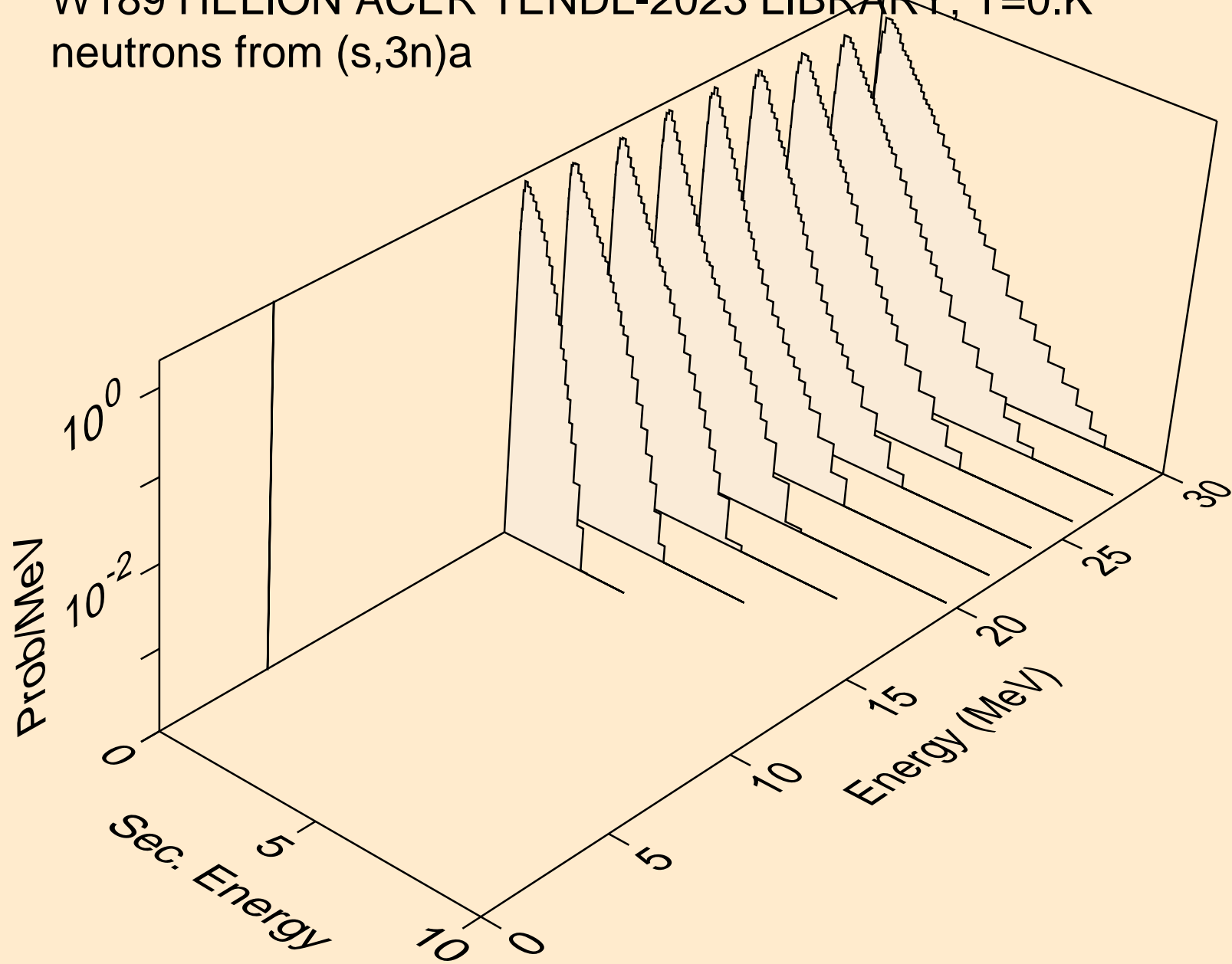
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,n*)a



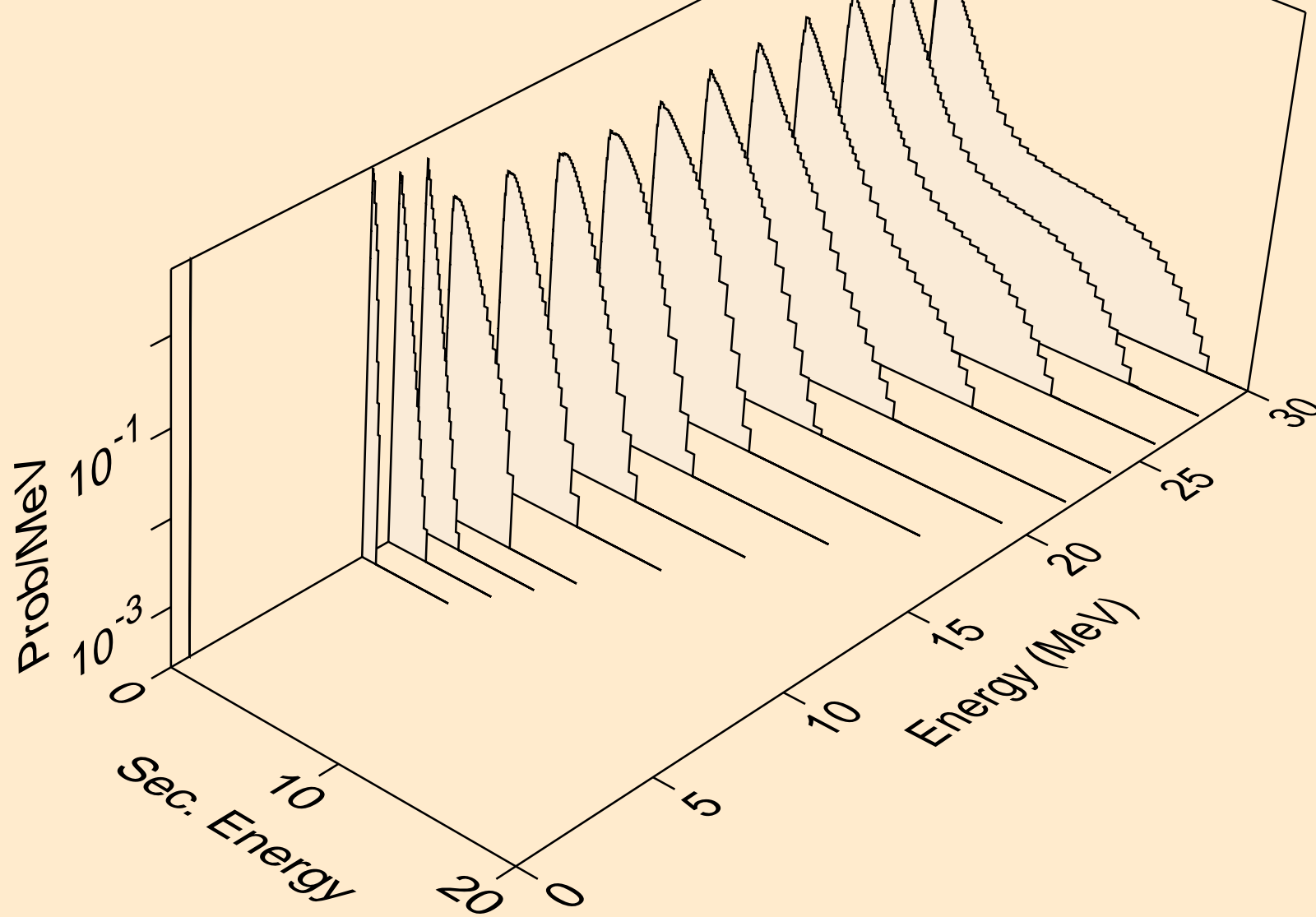
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,2n)a



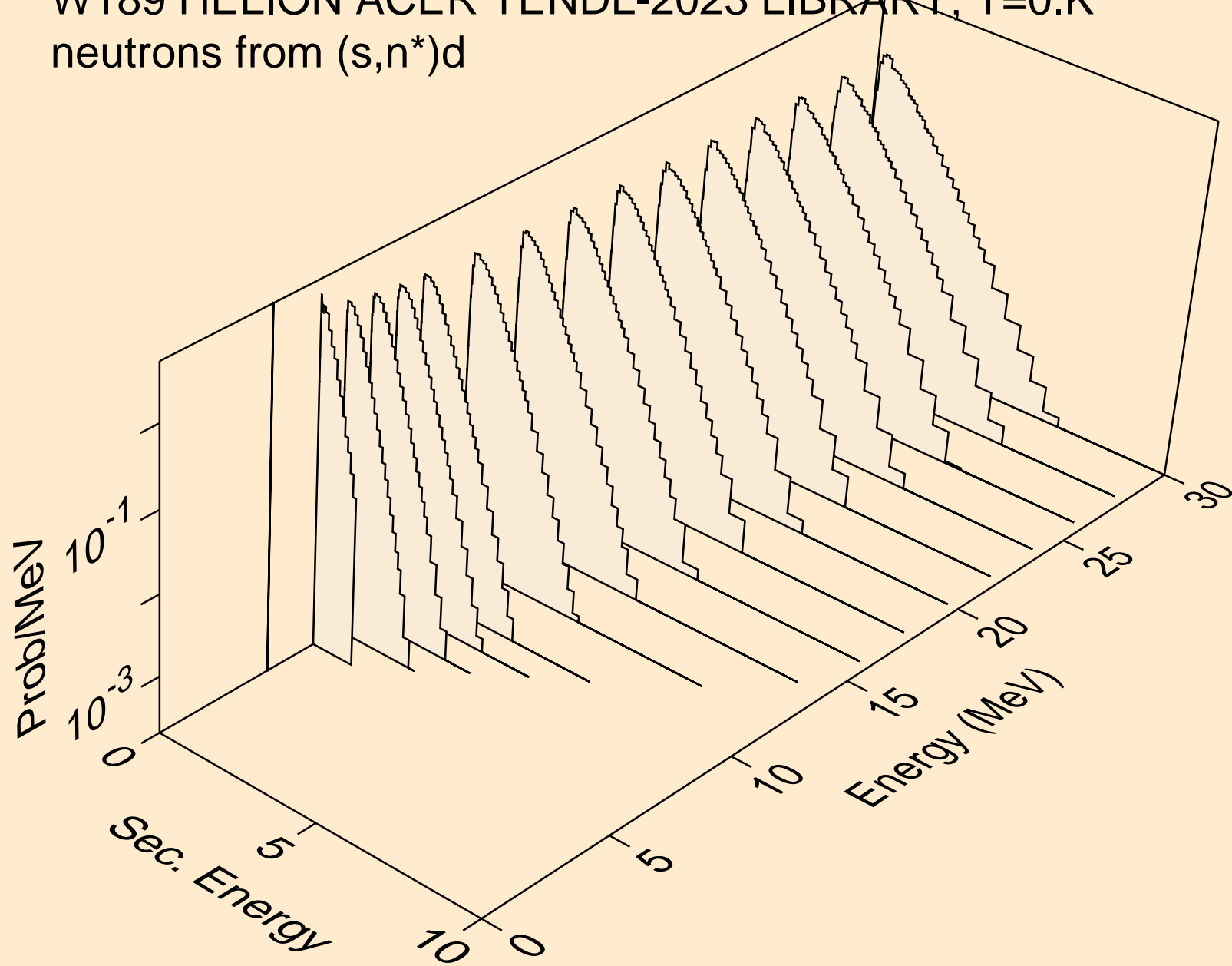
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,3n)a



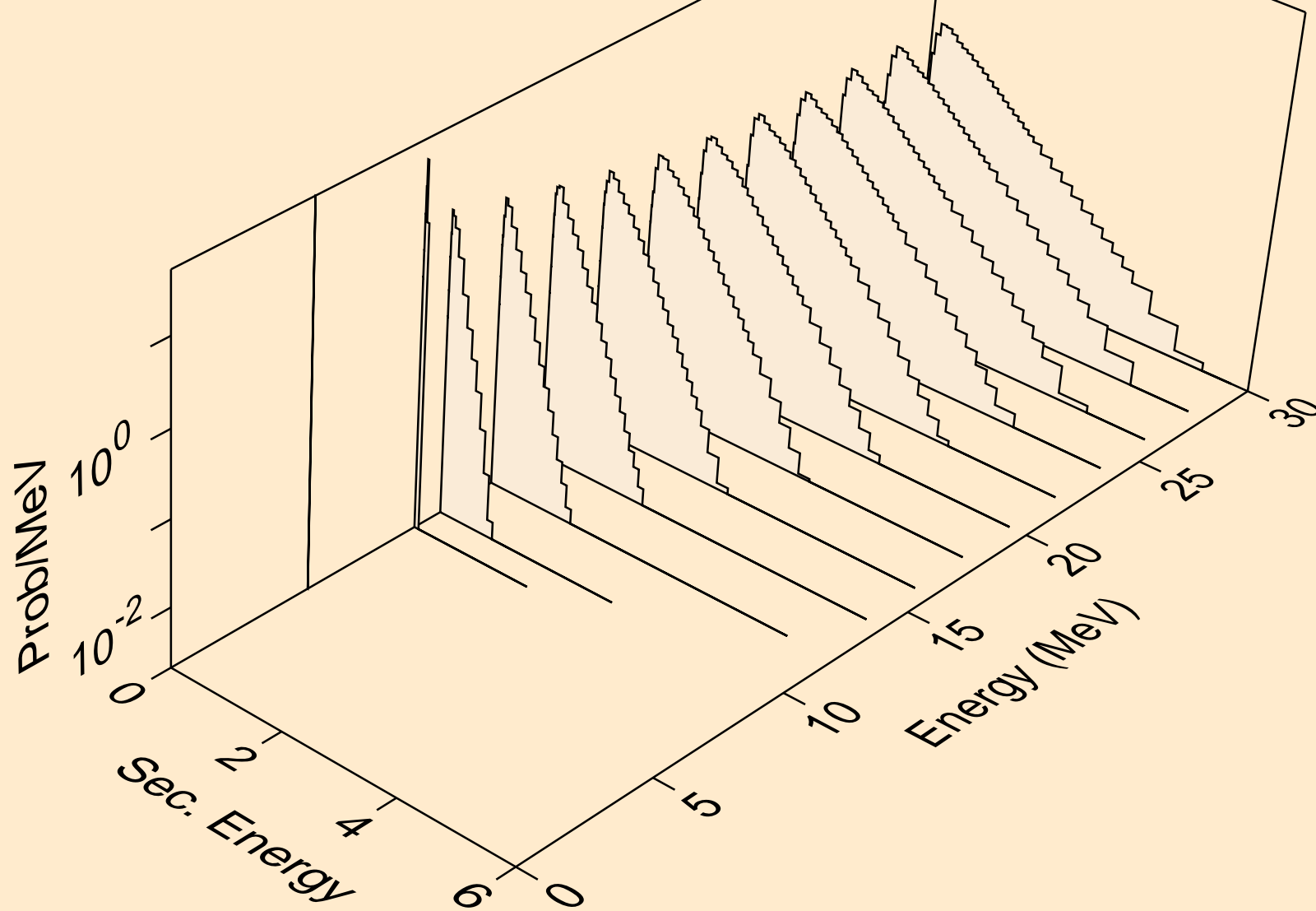
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,n*)p



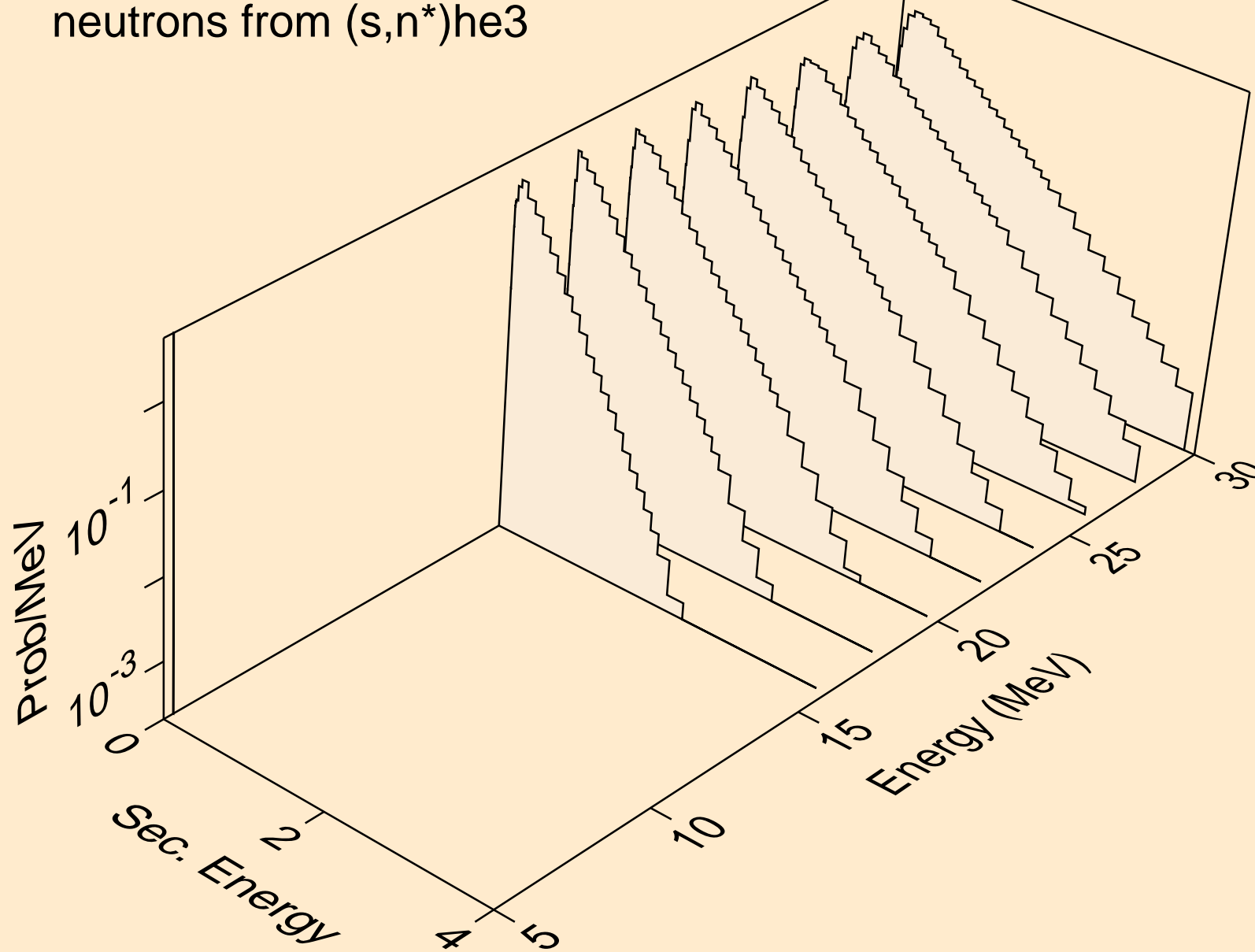
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,n*)d



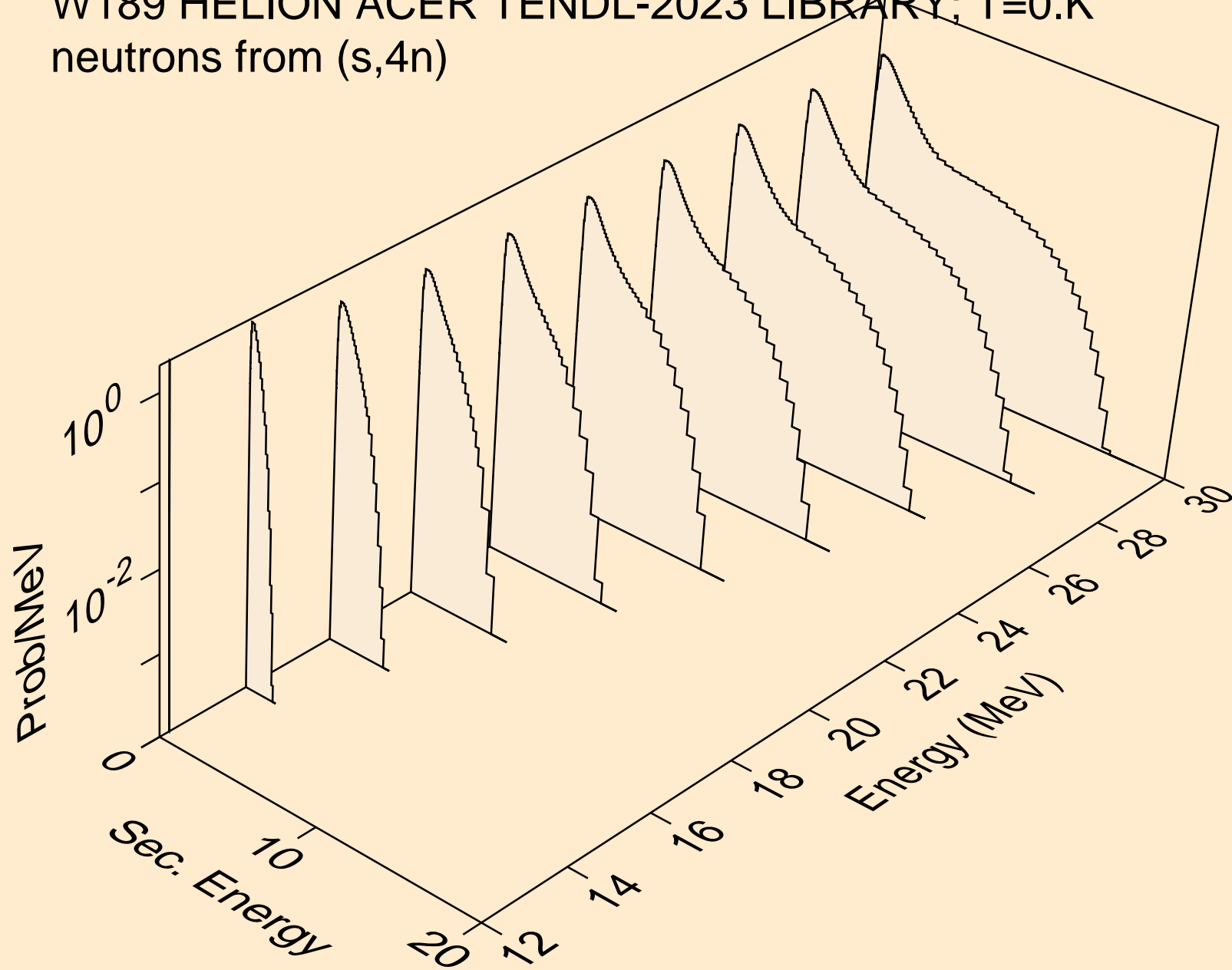
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,n*)t



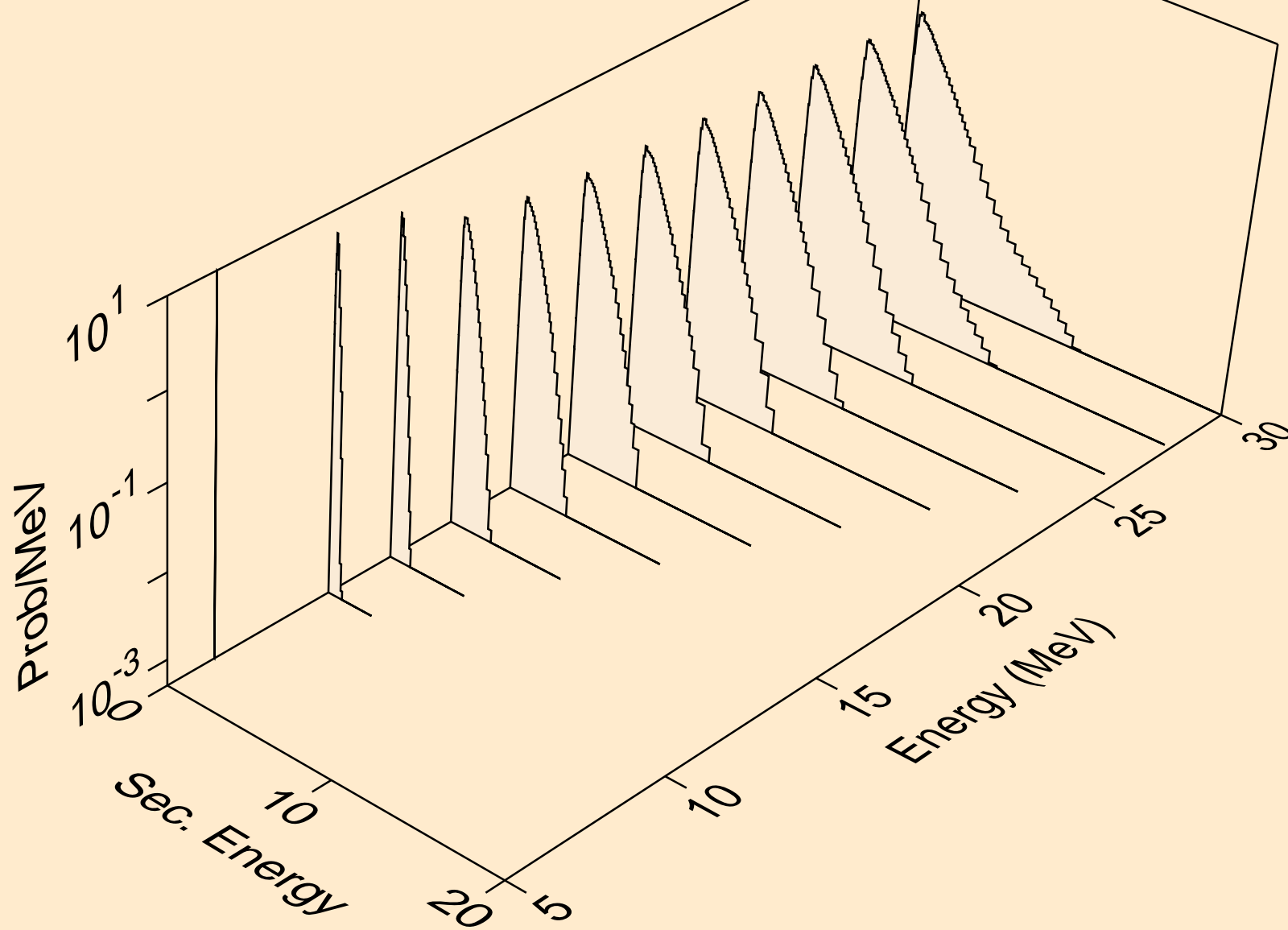
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,n*)he3



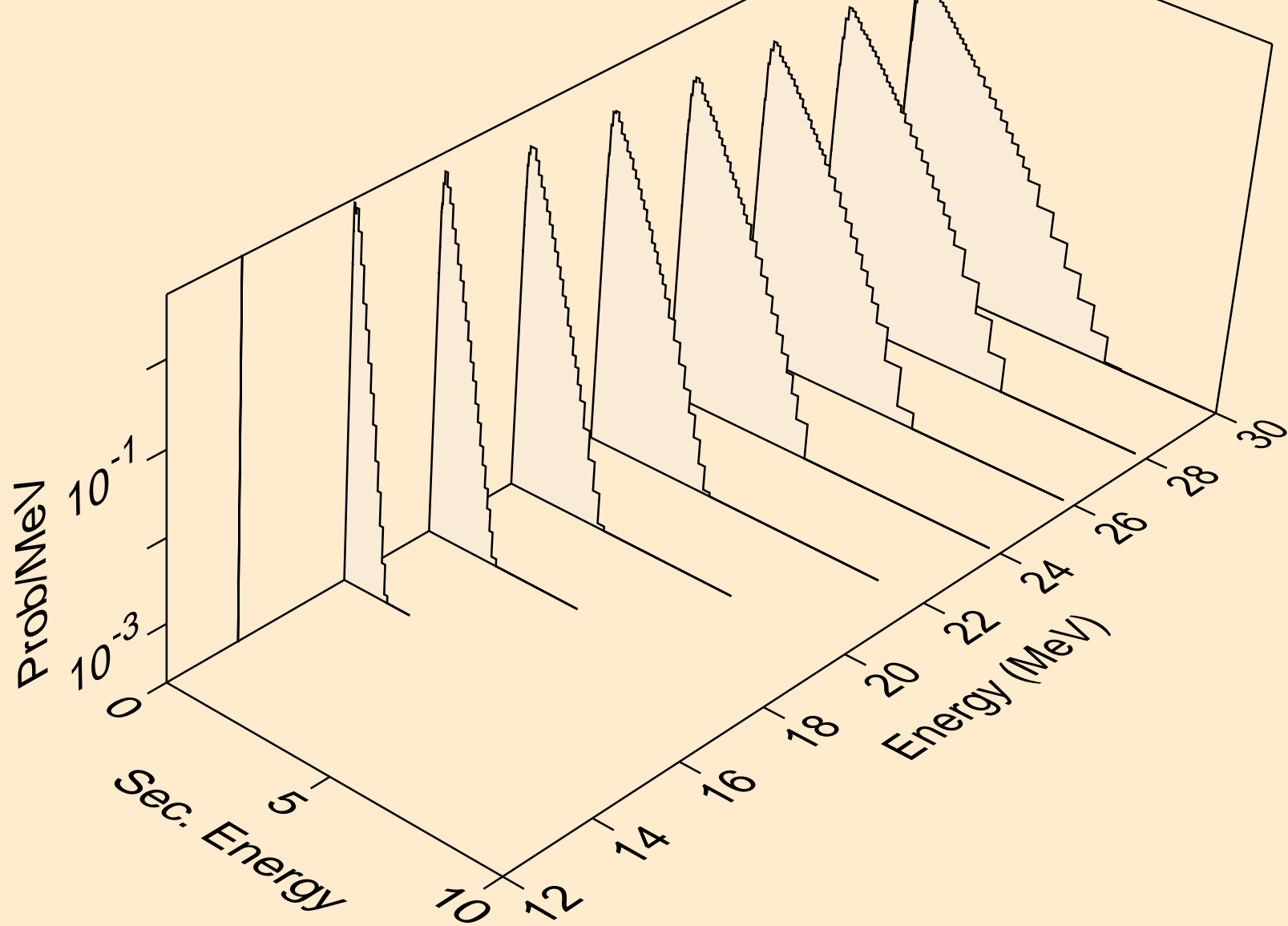
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,4n)



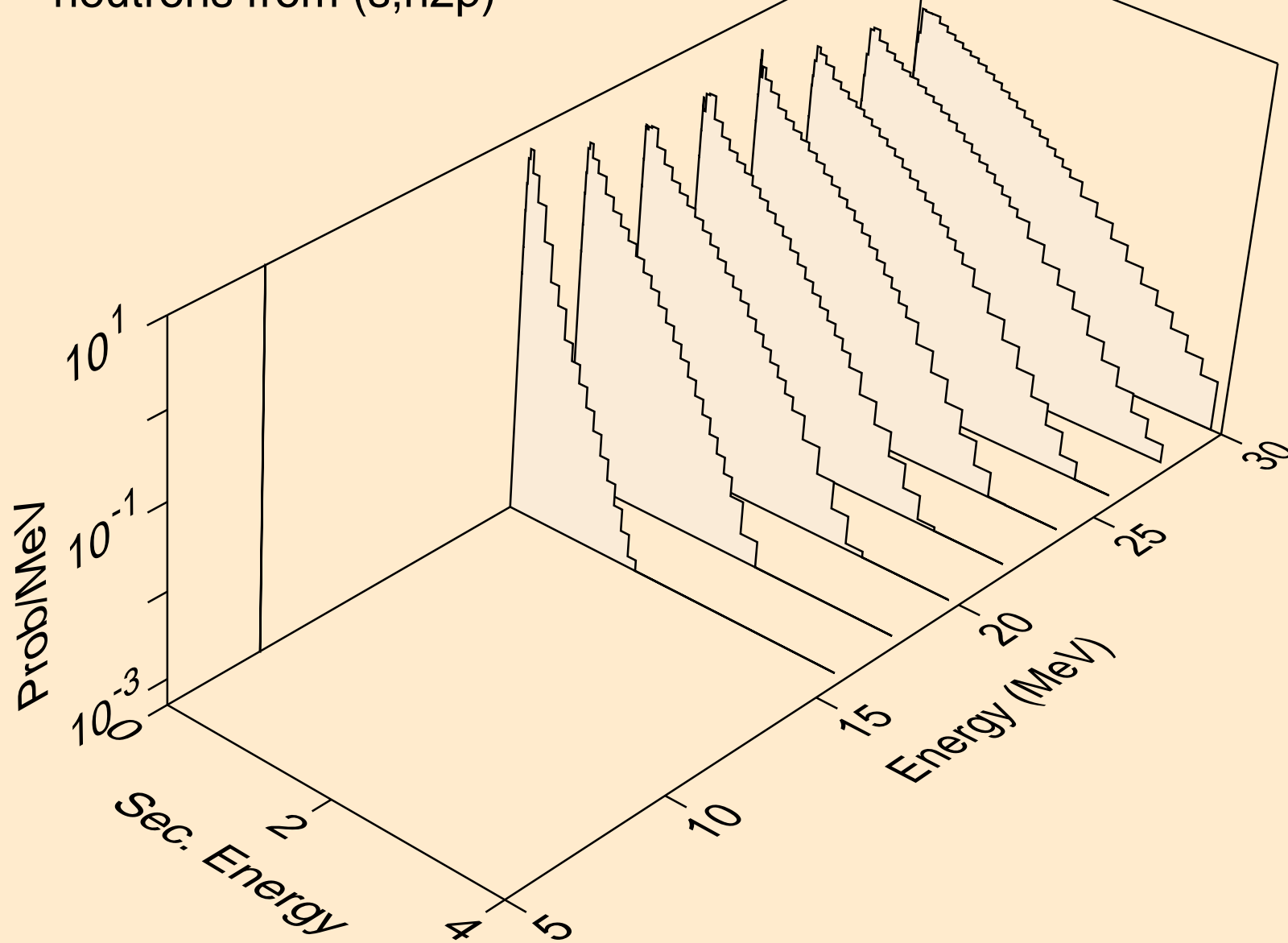
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,2np)



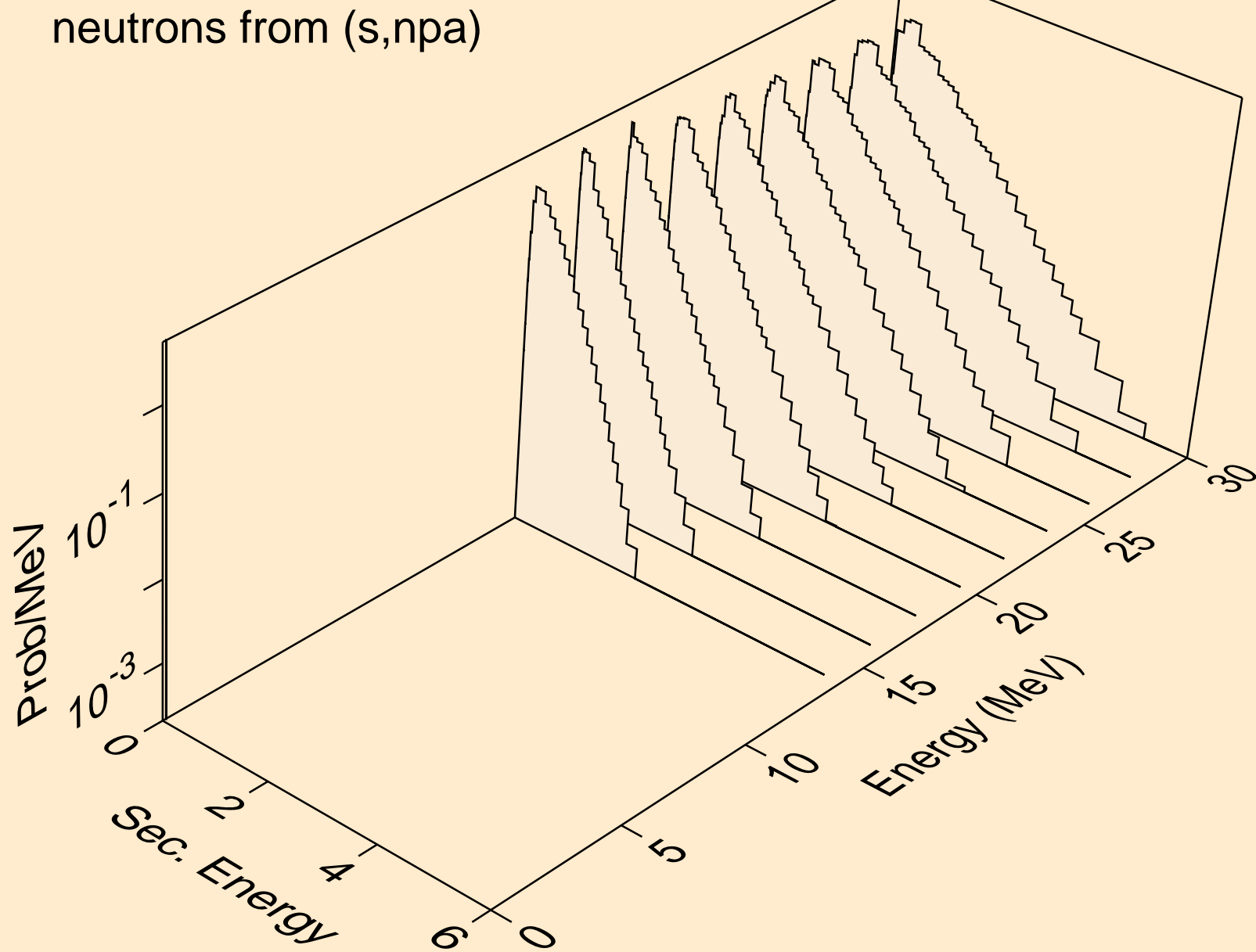
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,3np)



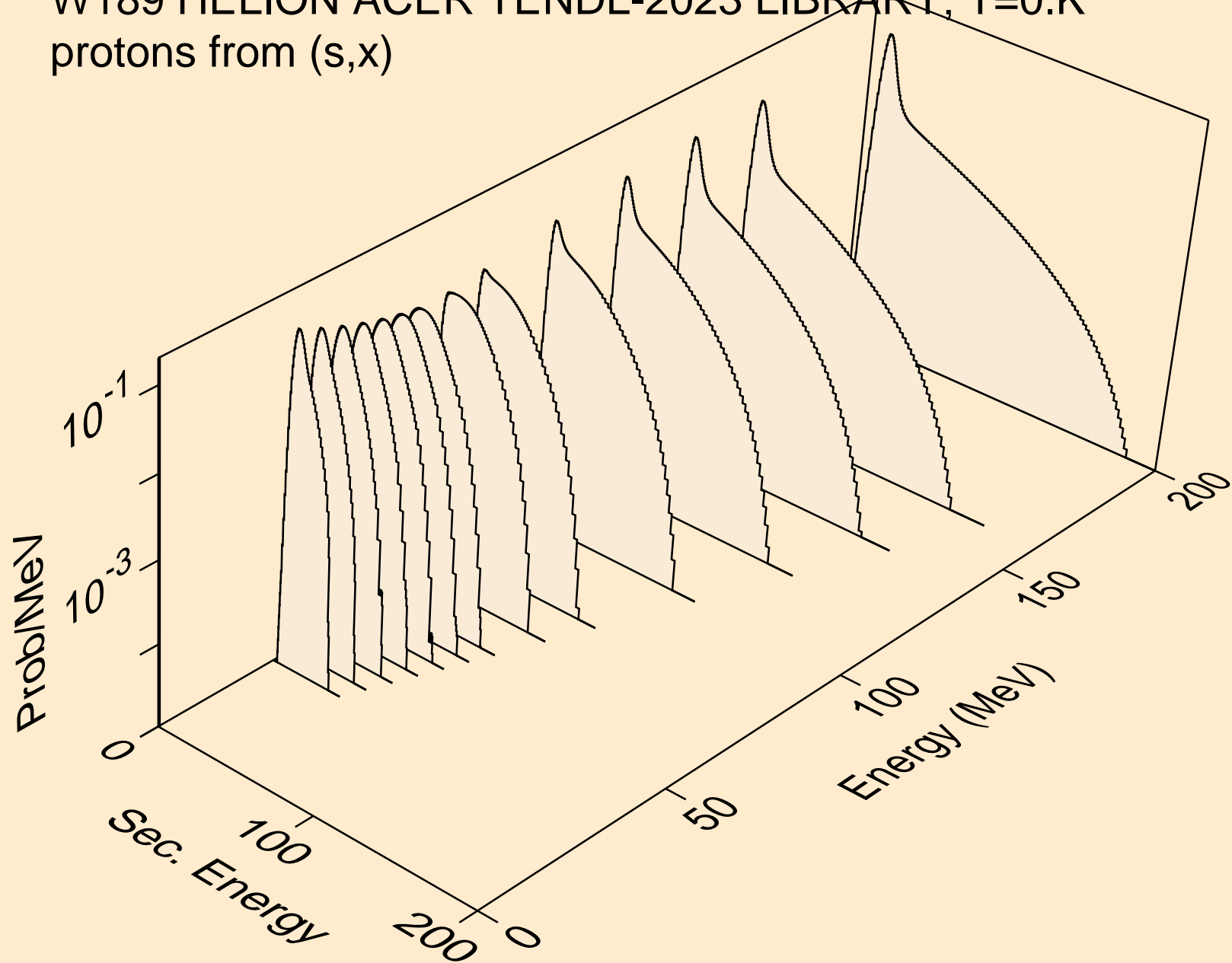
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,n2p)



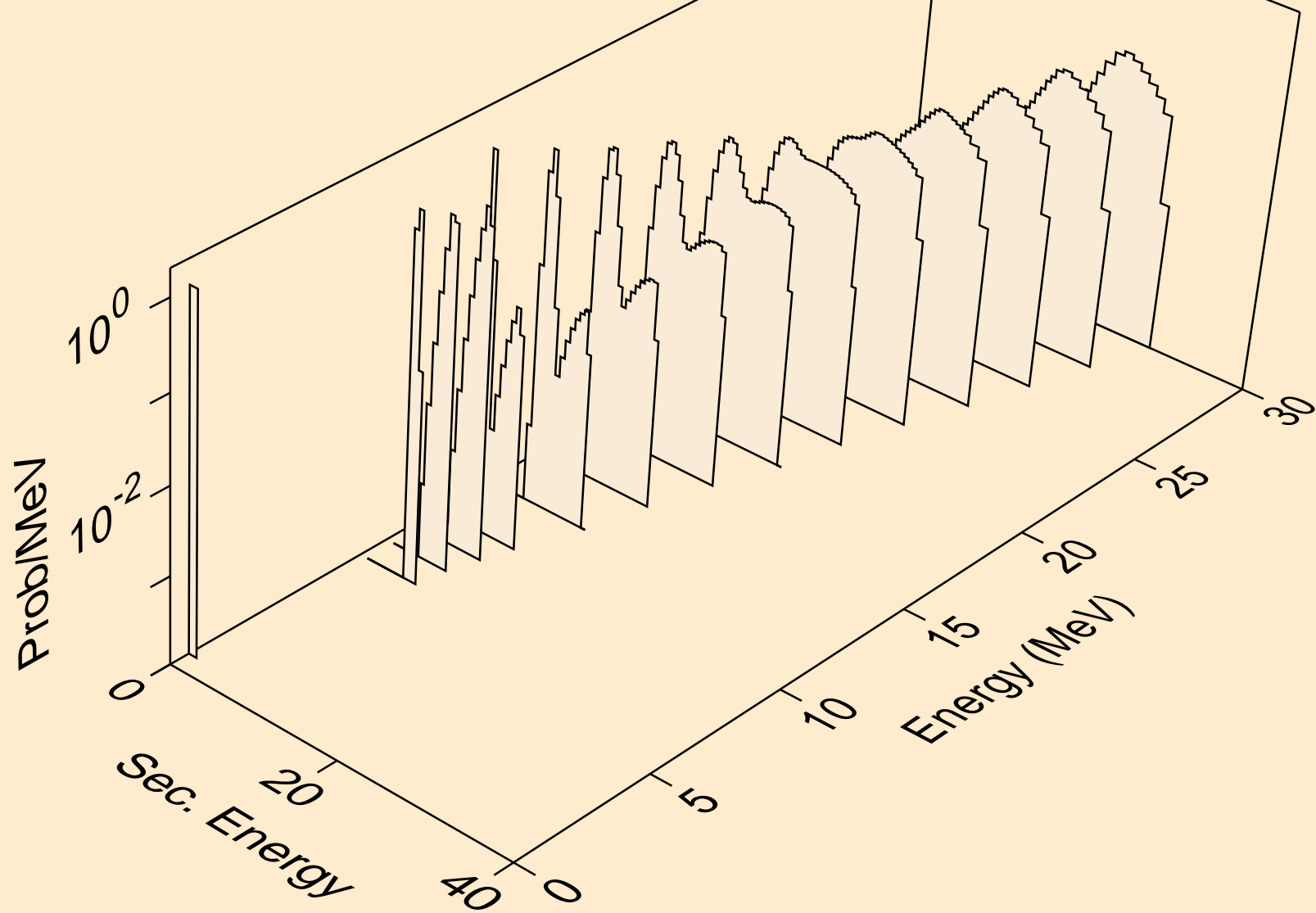
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,npa)



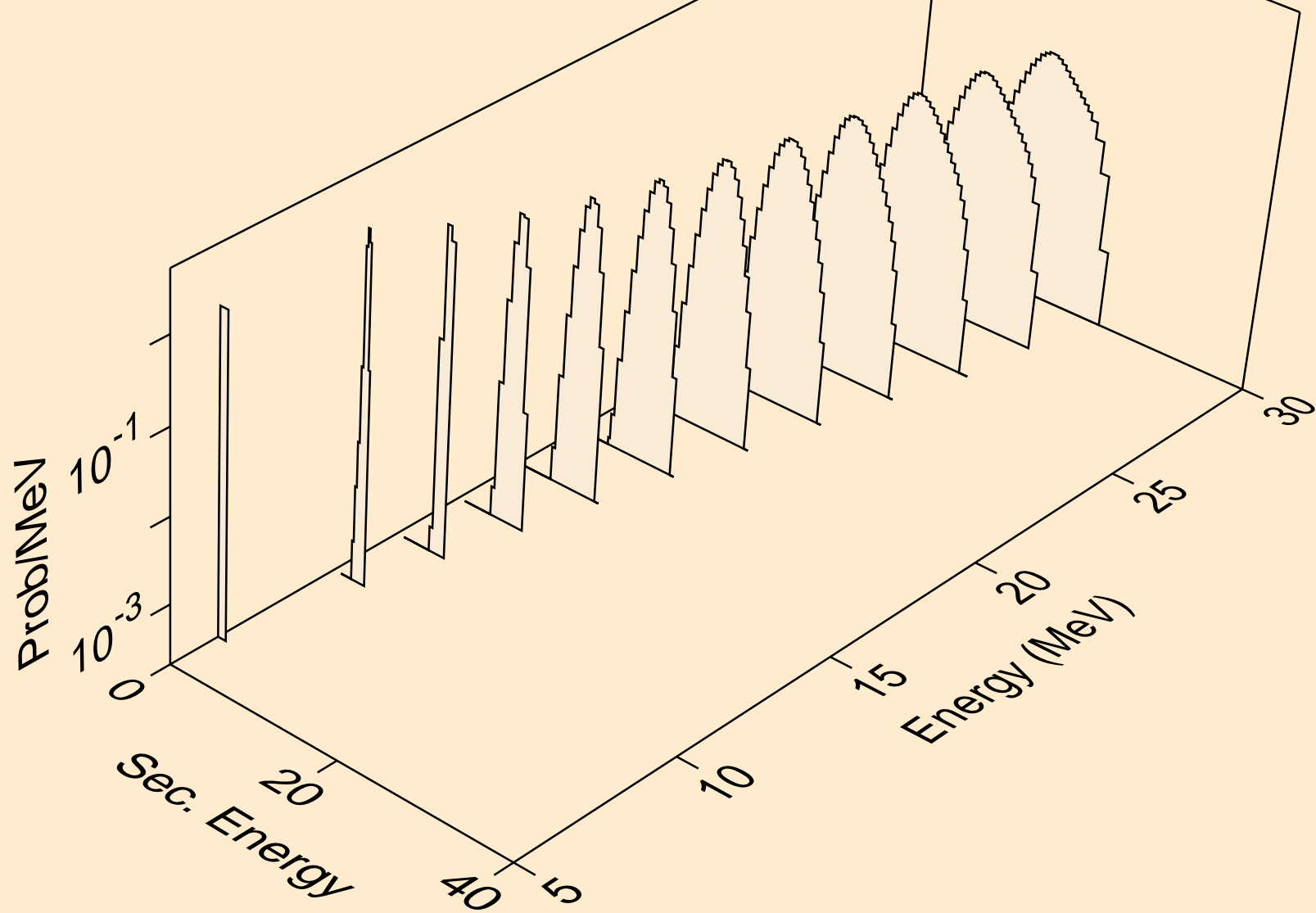
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
protons from (s,x)



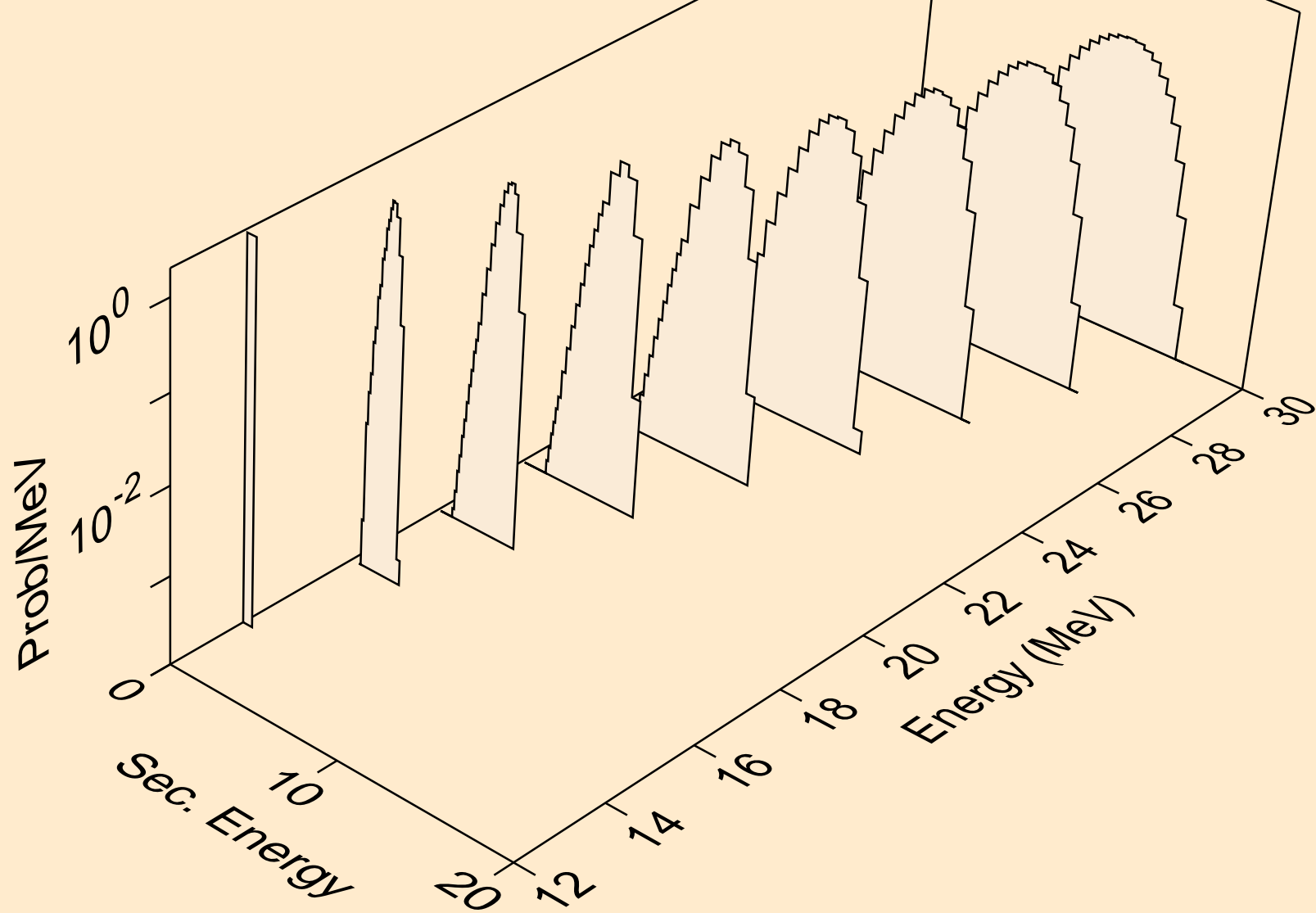
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
protons from (s,n*)p



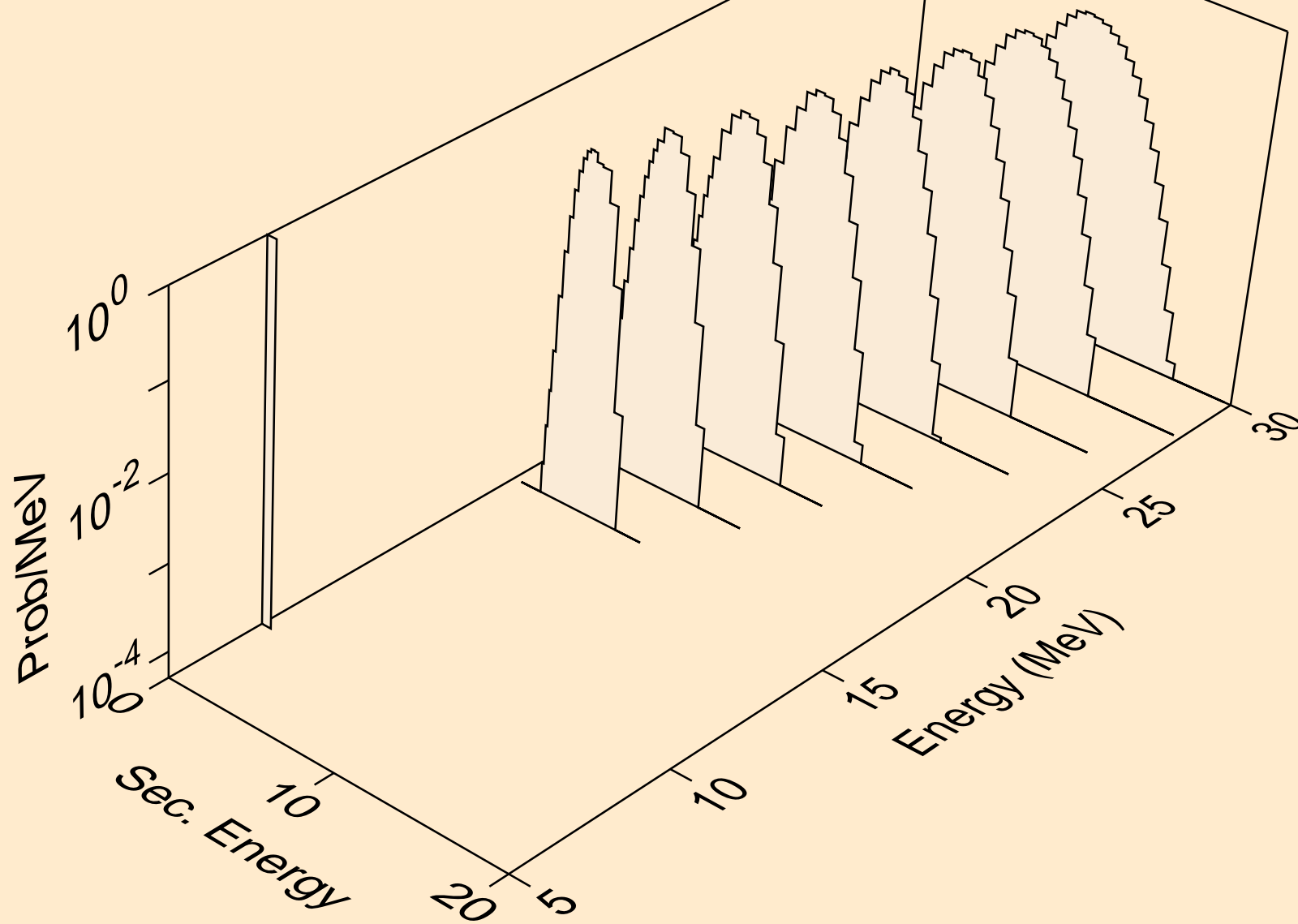
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
protons from (s,2np)



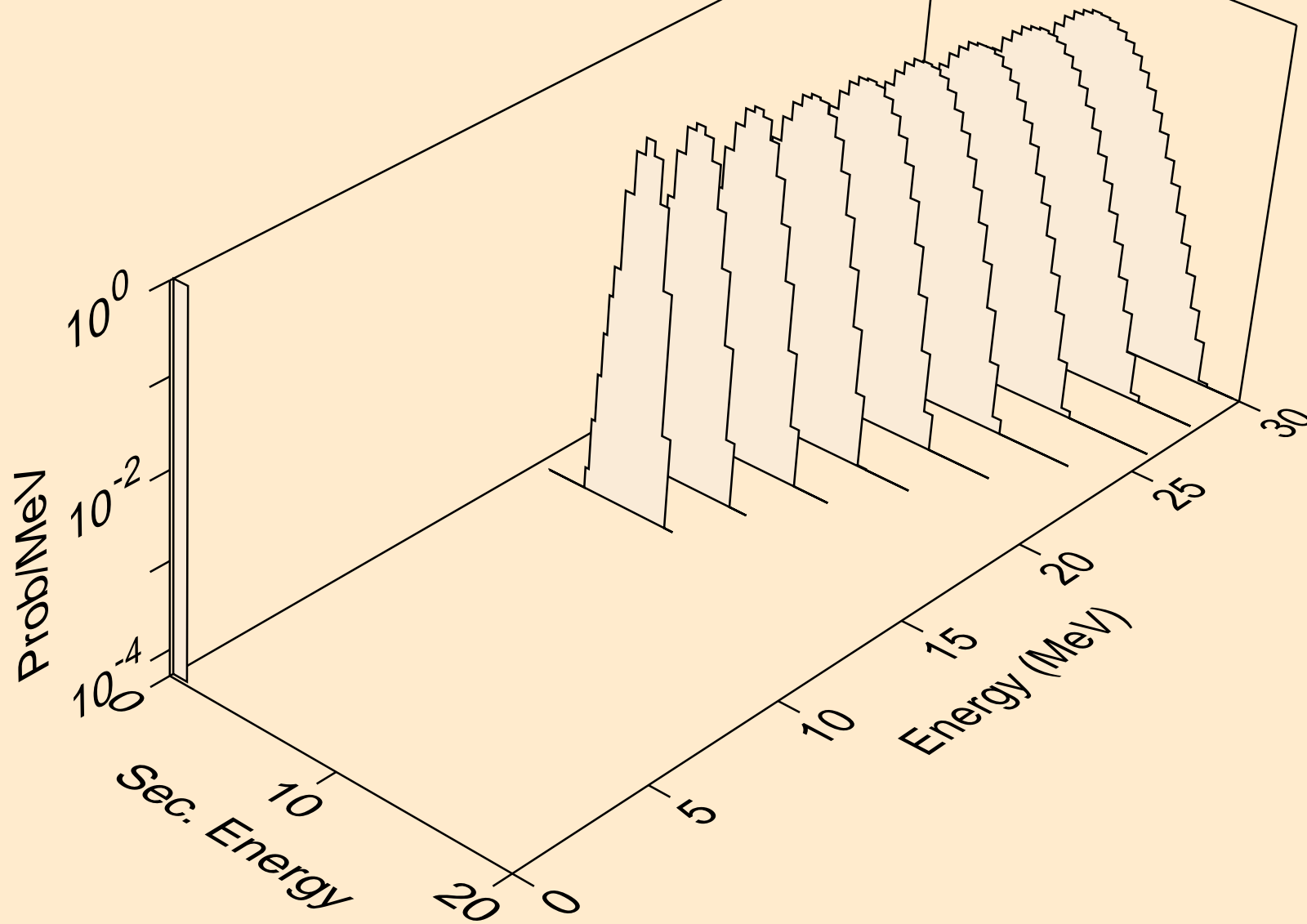
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
protons from (s,3np)



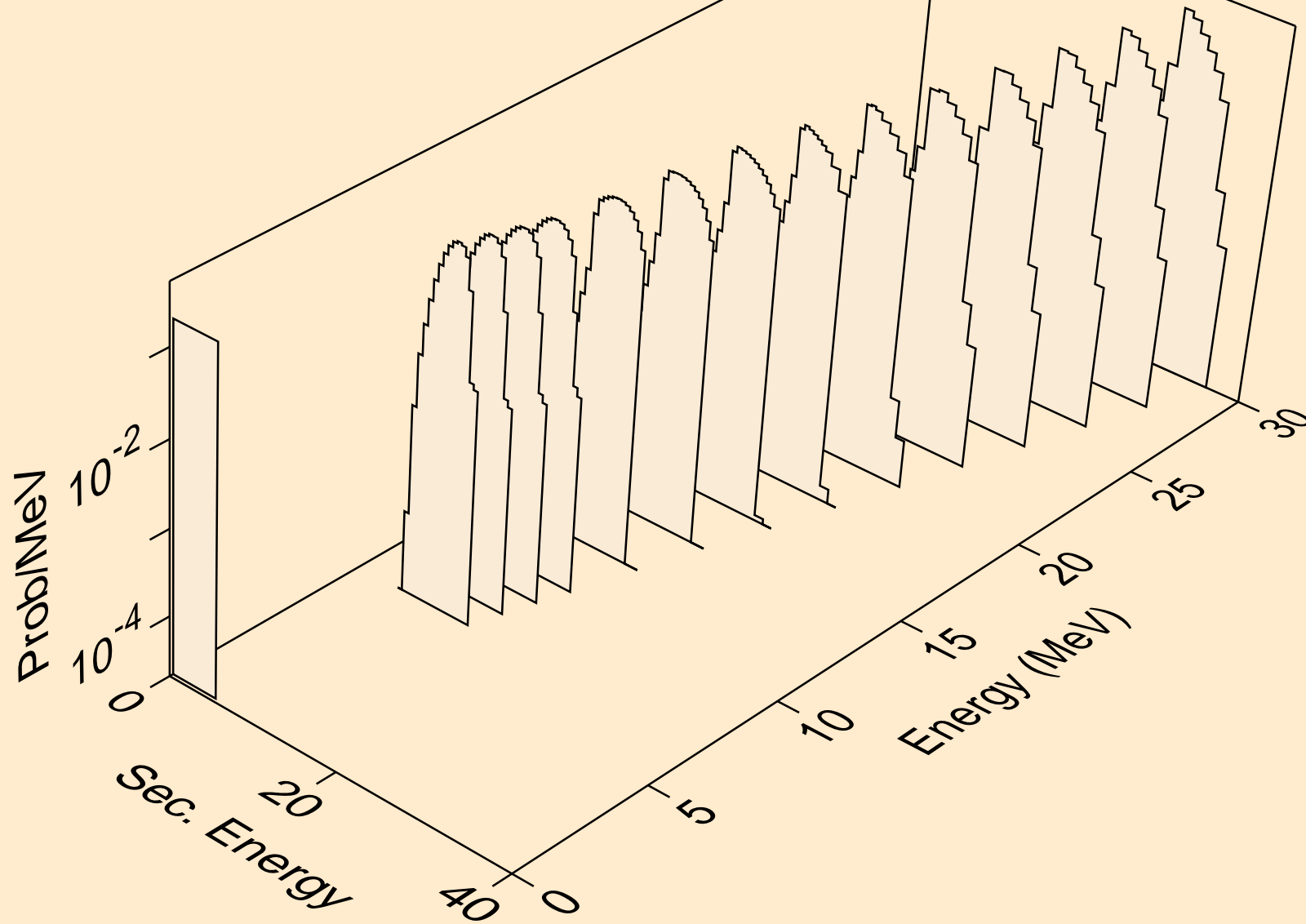
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
protons from (s,n2p)



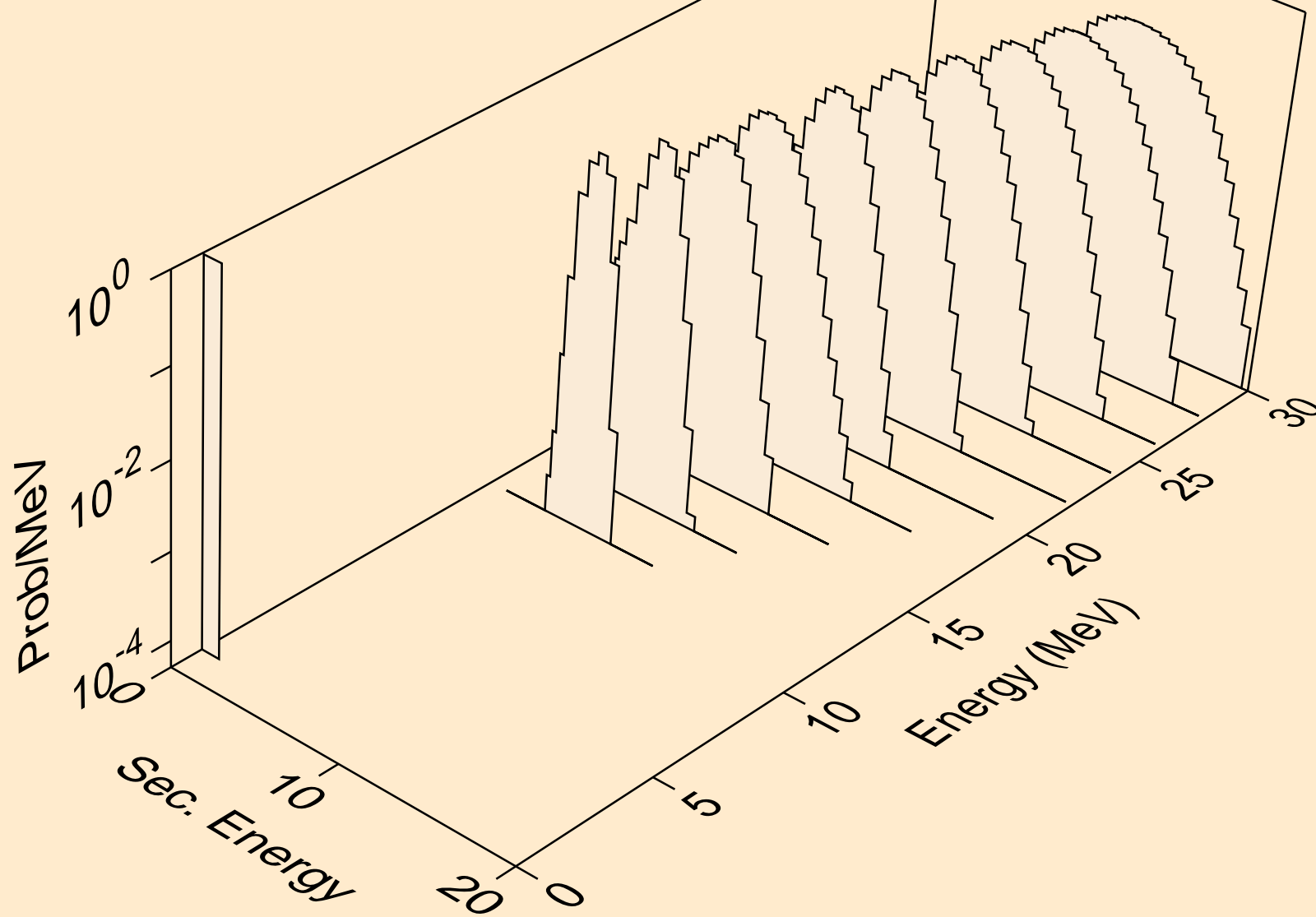
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
protons from (s,npa)



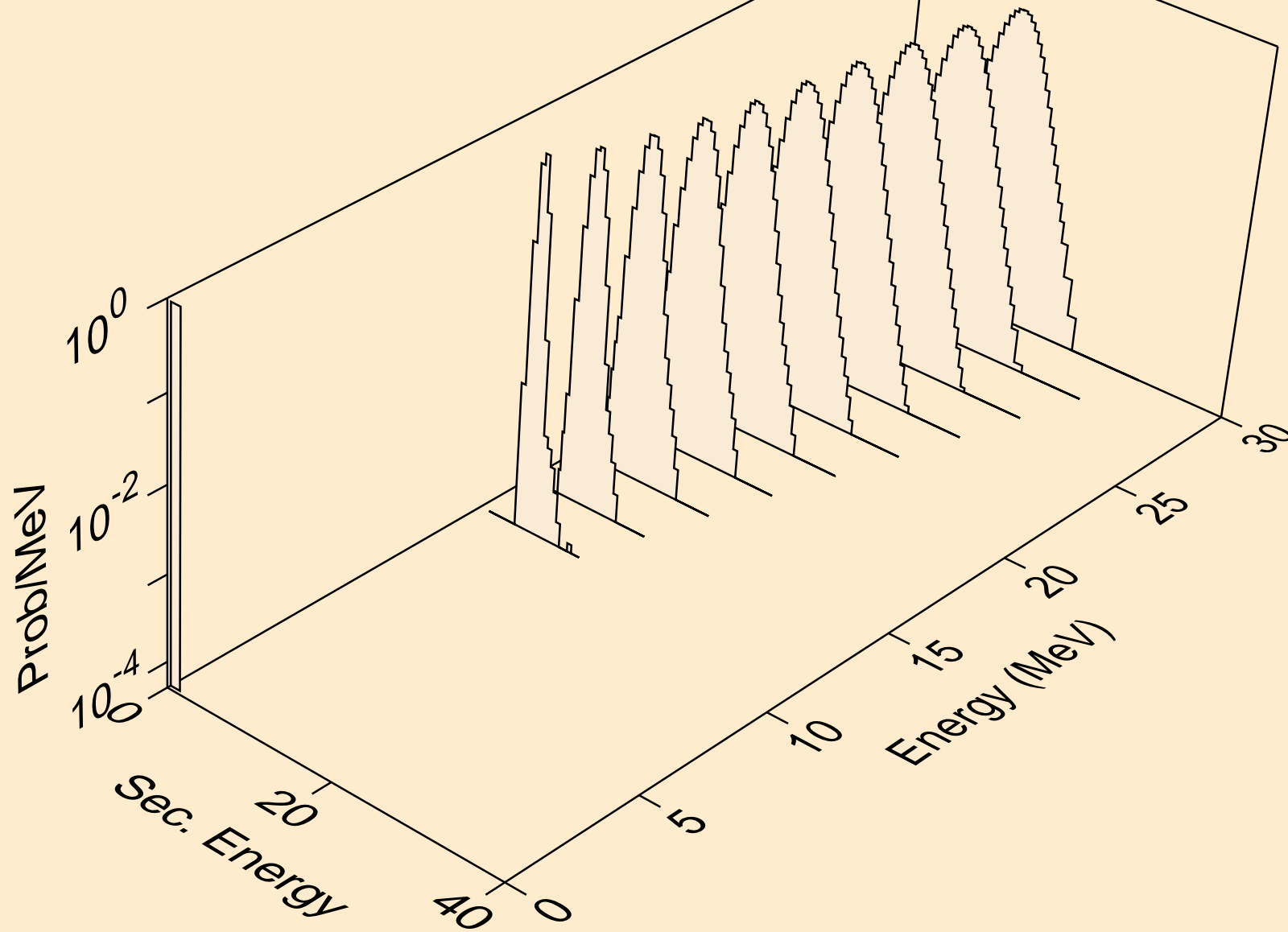
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
protons from (s,p)



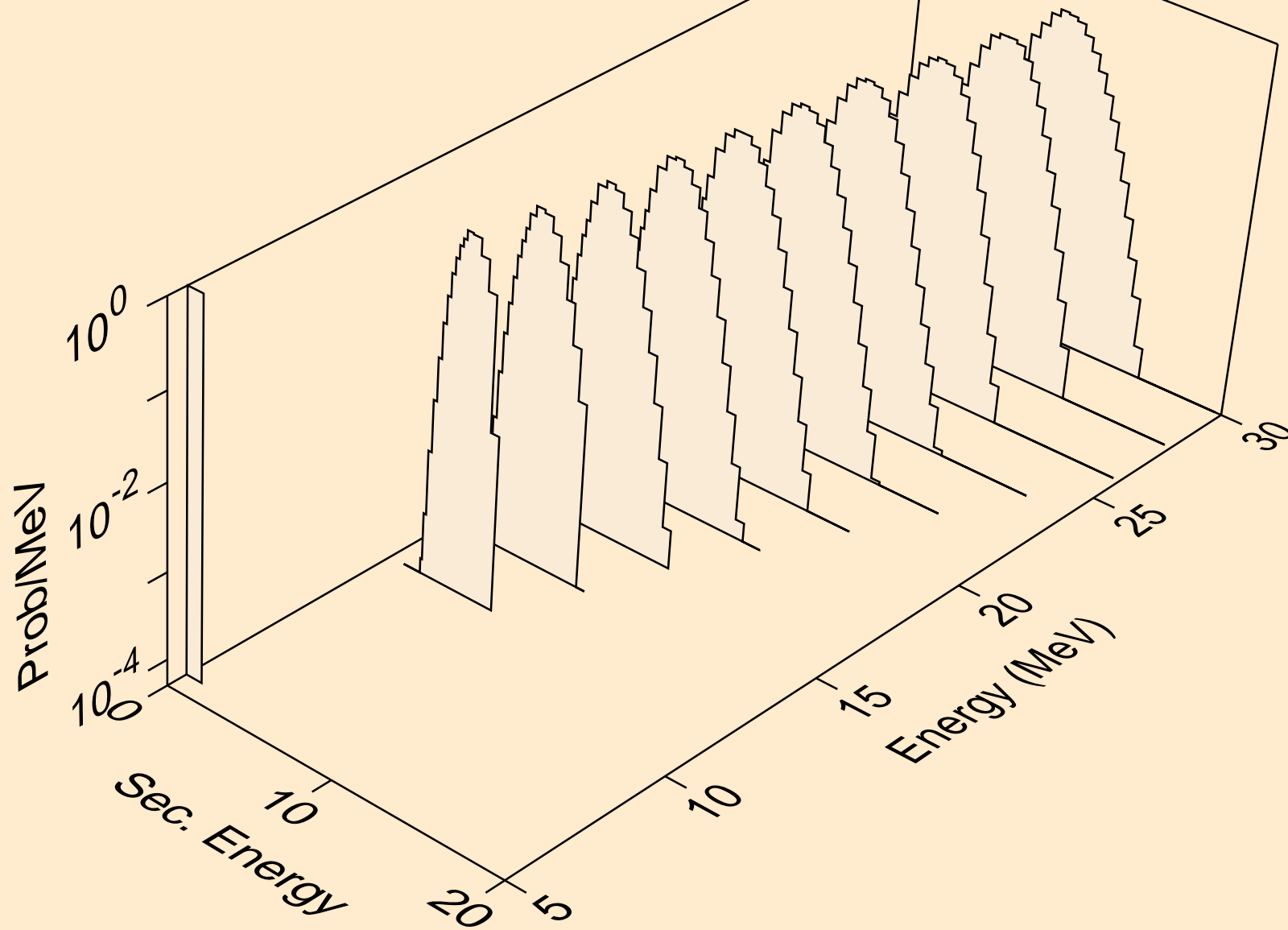
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
protons from (s,2p)



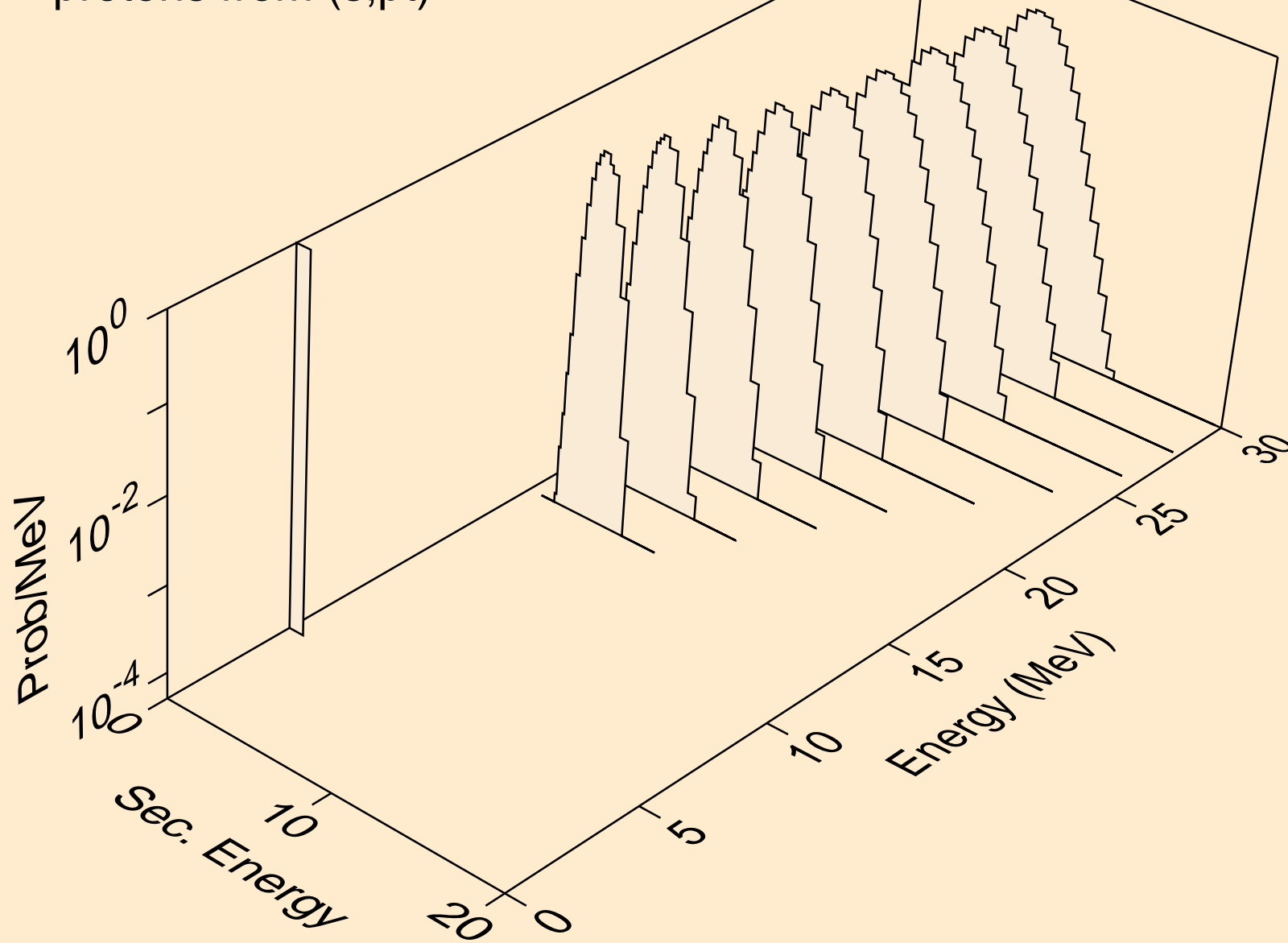
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
protons from (s,pa)



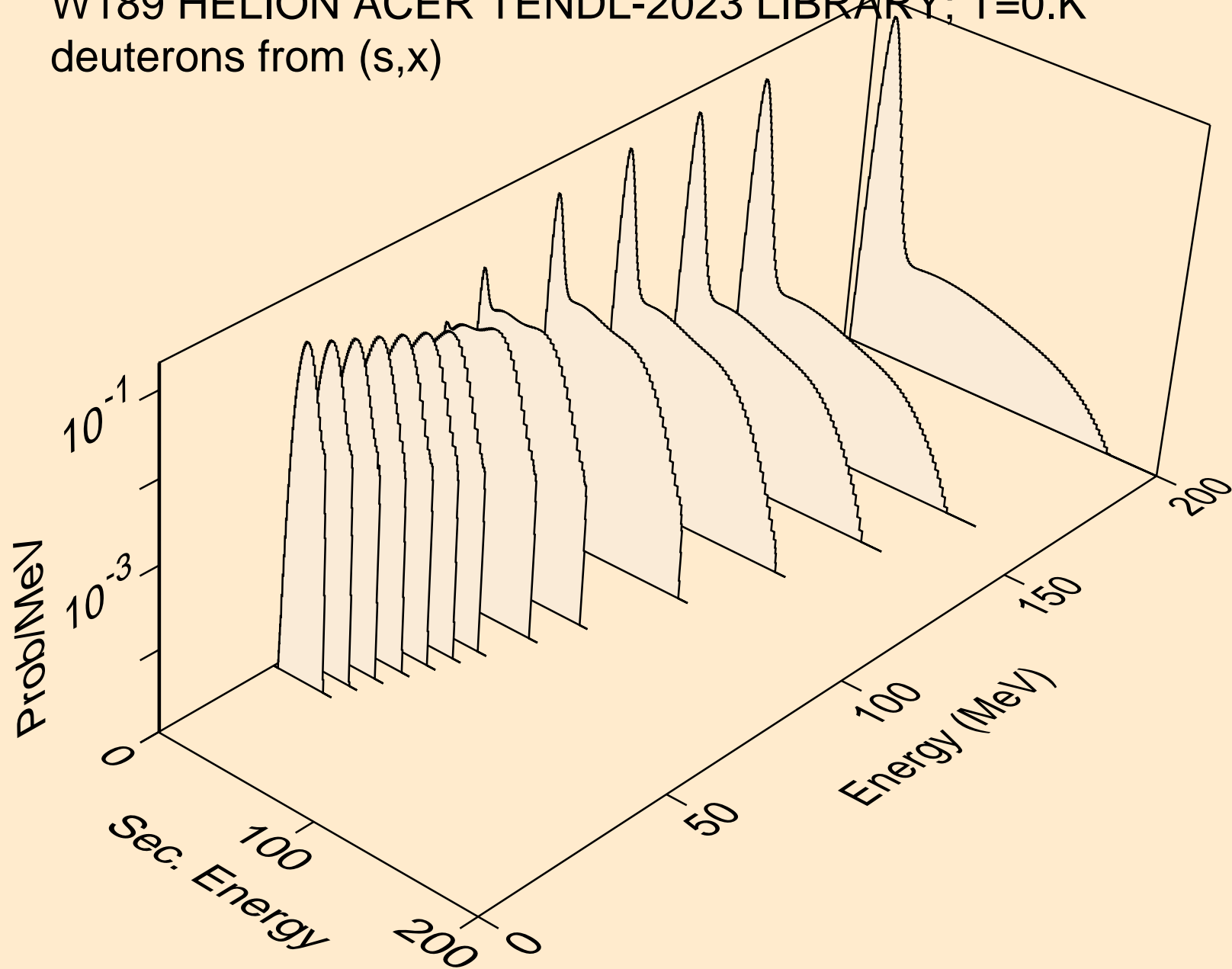
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
protons from (s,pd)



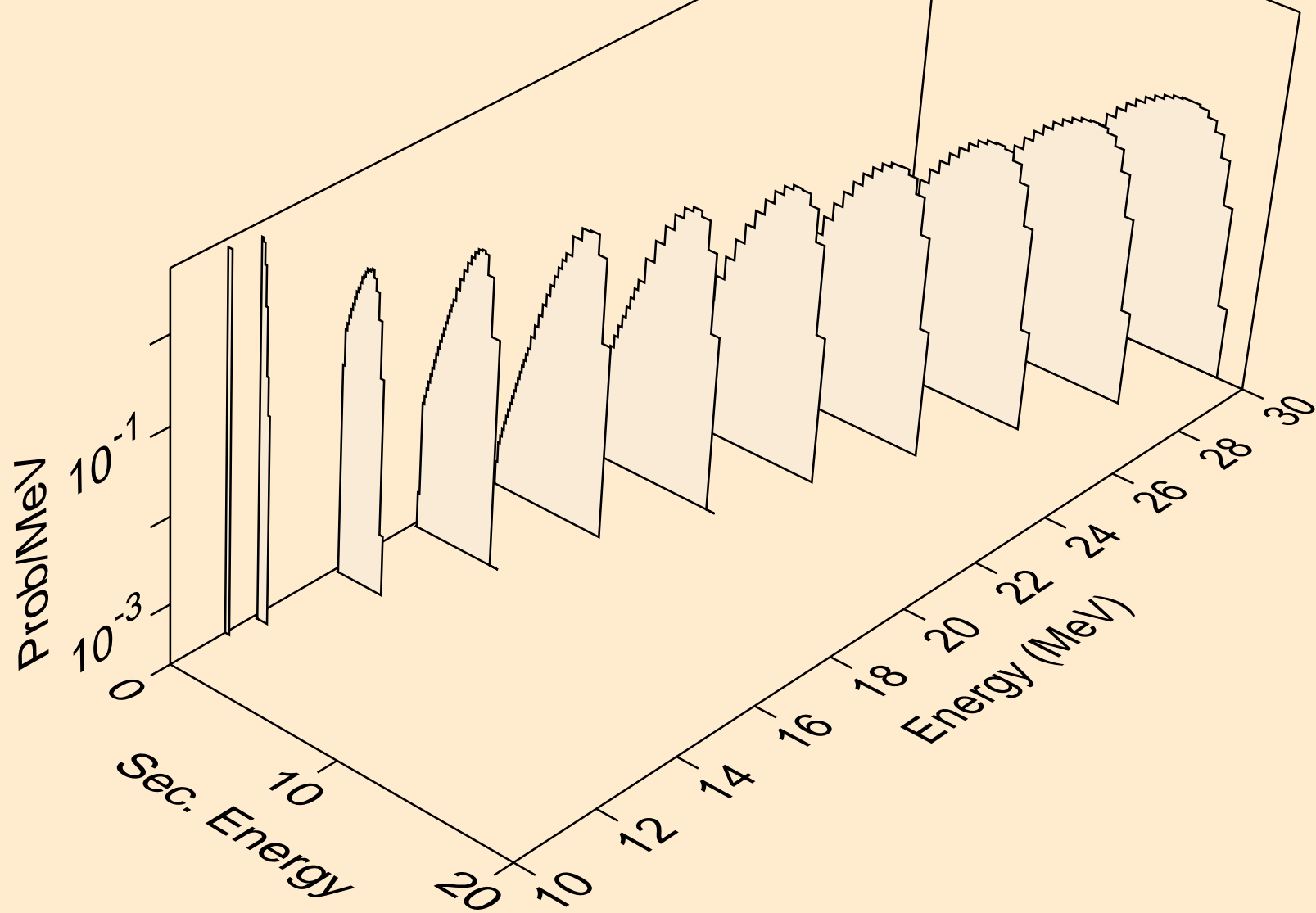
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
protons from (s,pt)



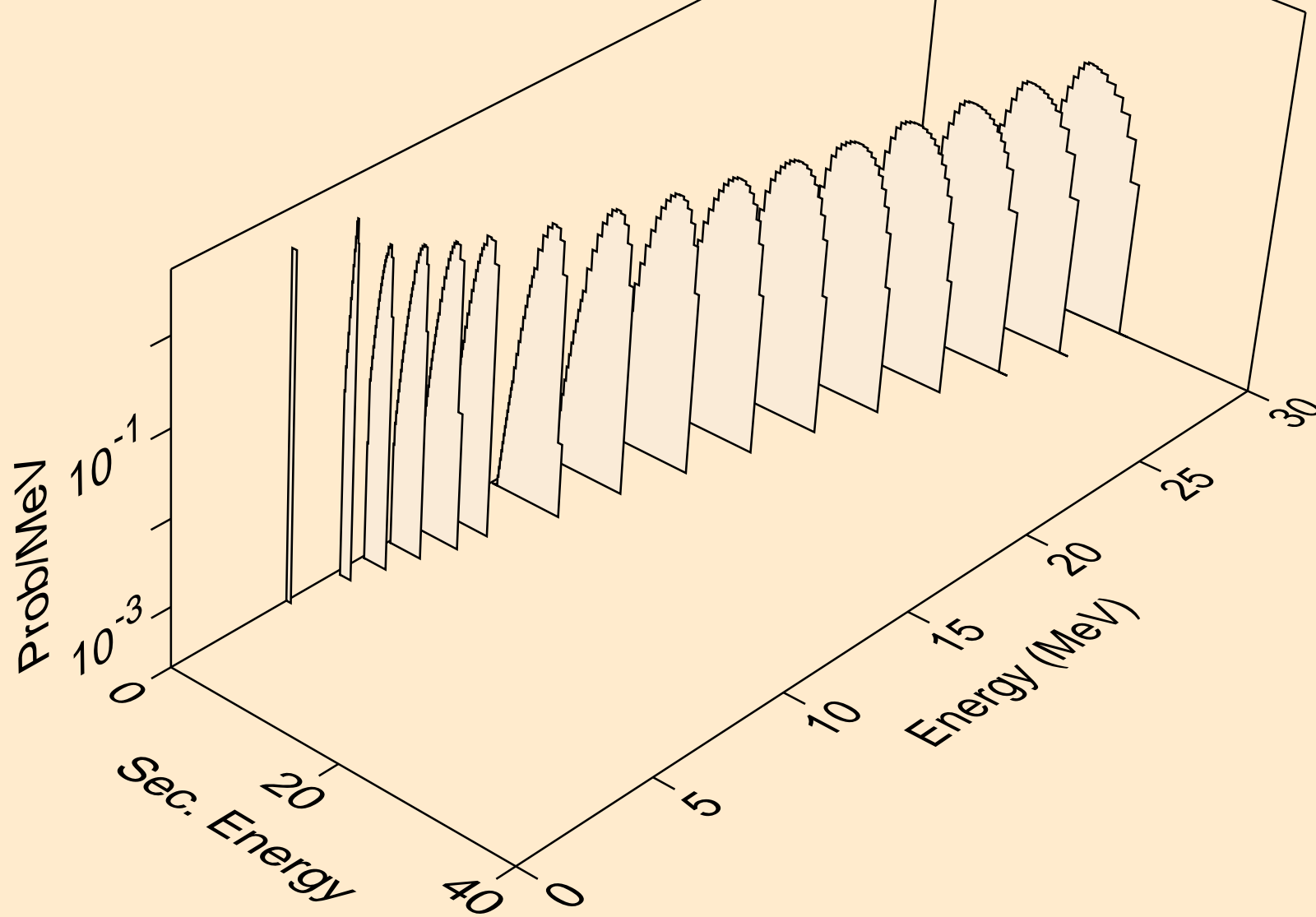
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (s,x)



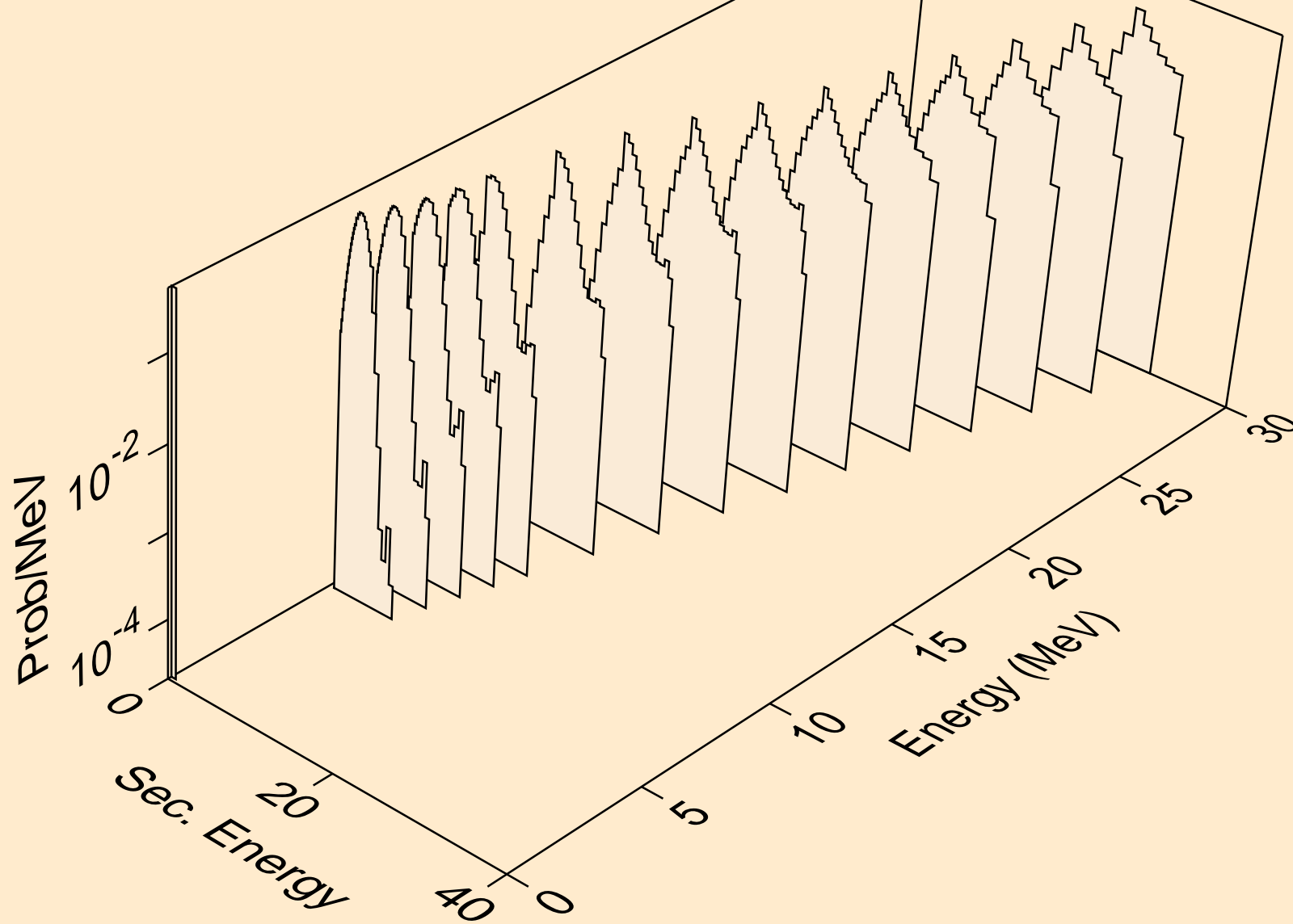
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (s,2nd)



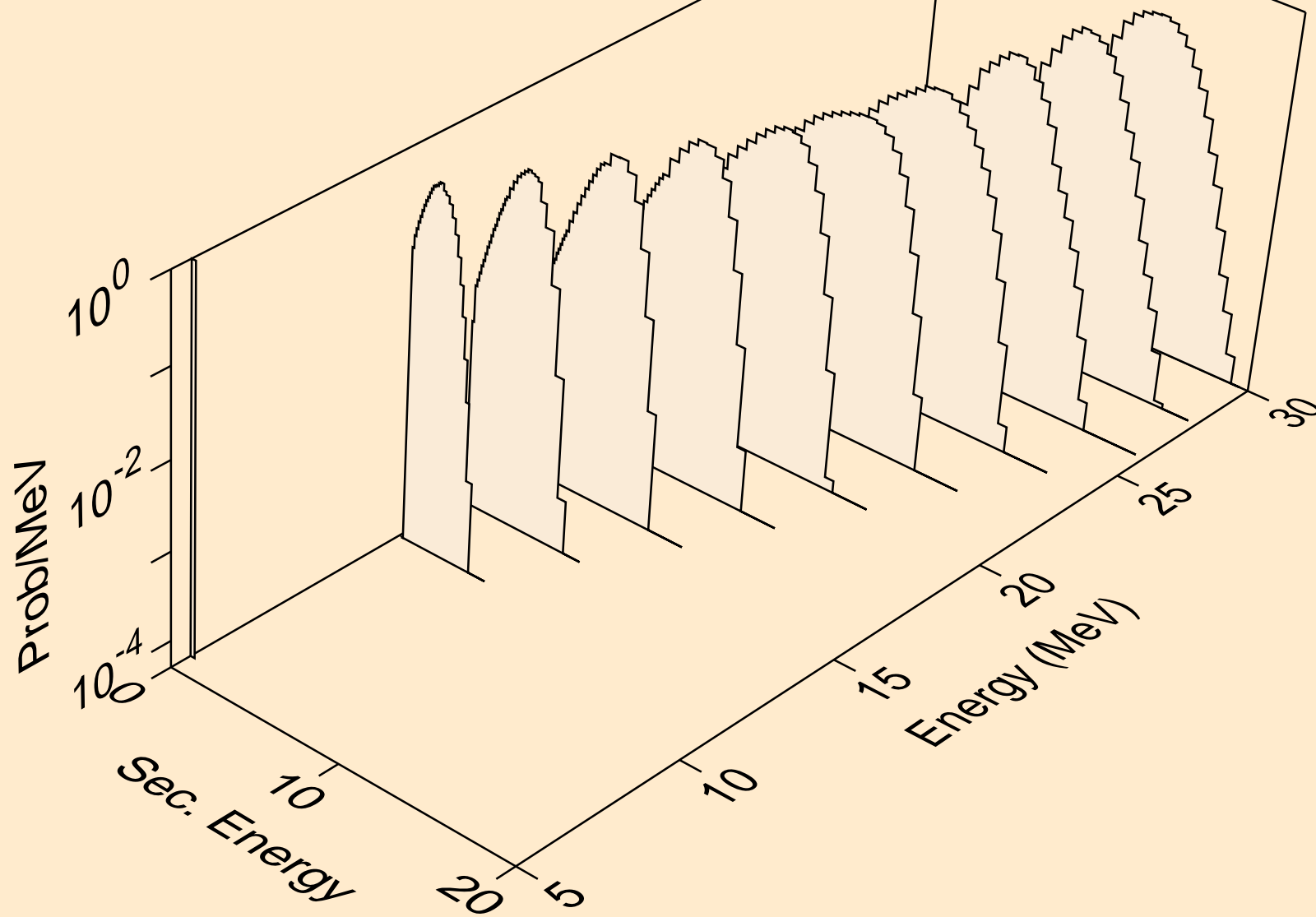
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (s,n*)d



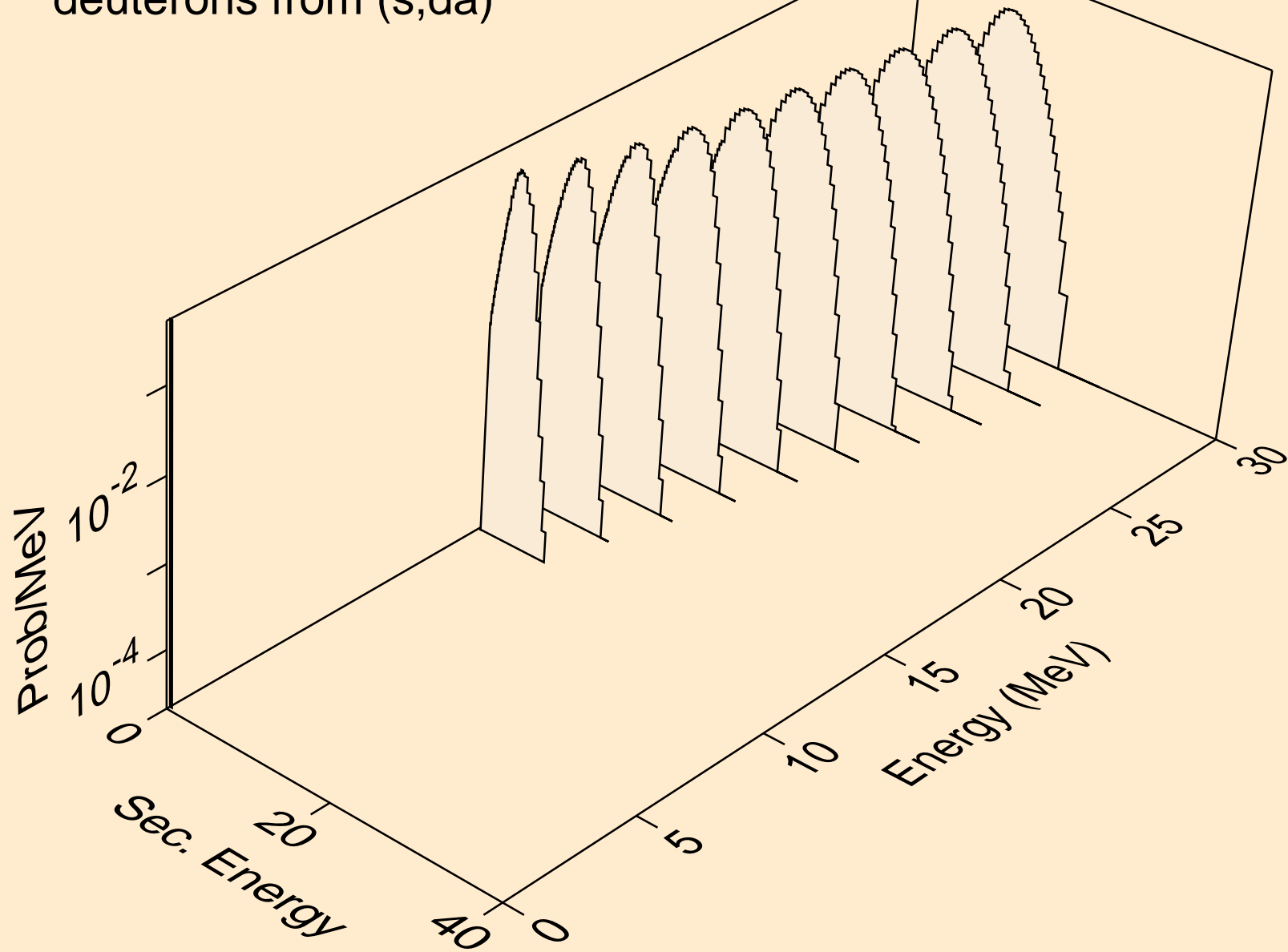
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (s,d)



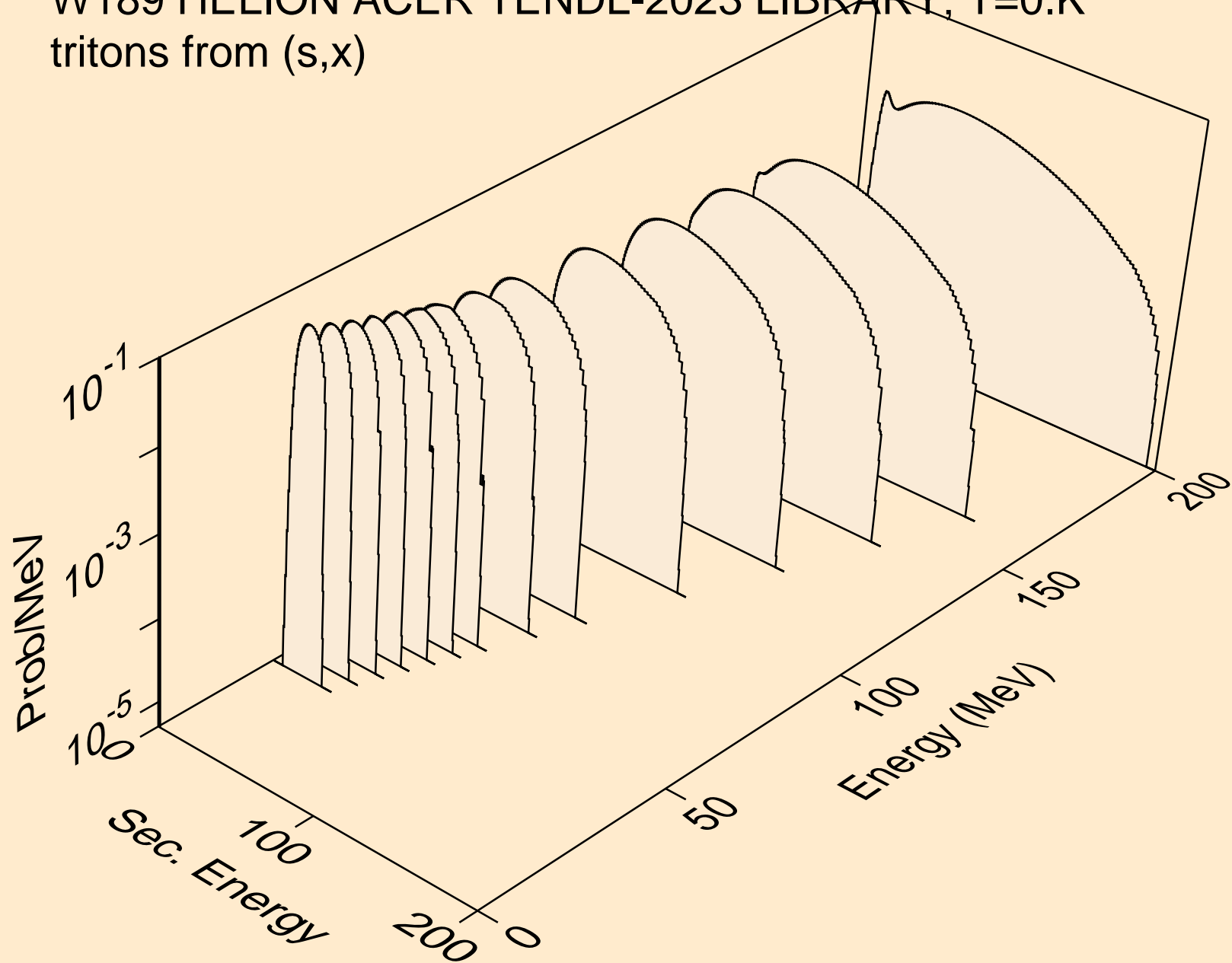
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (s,pd)



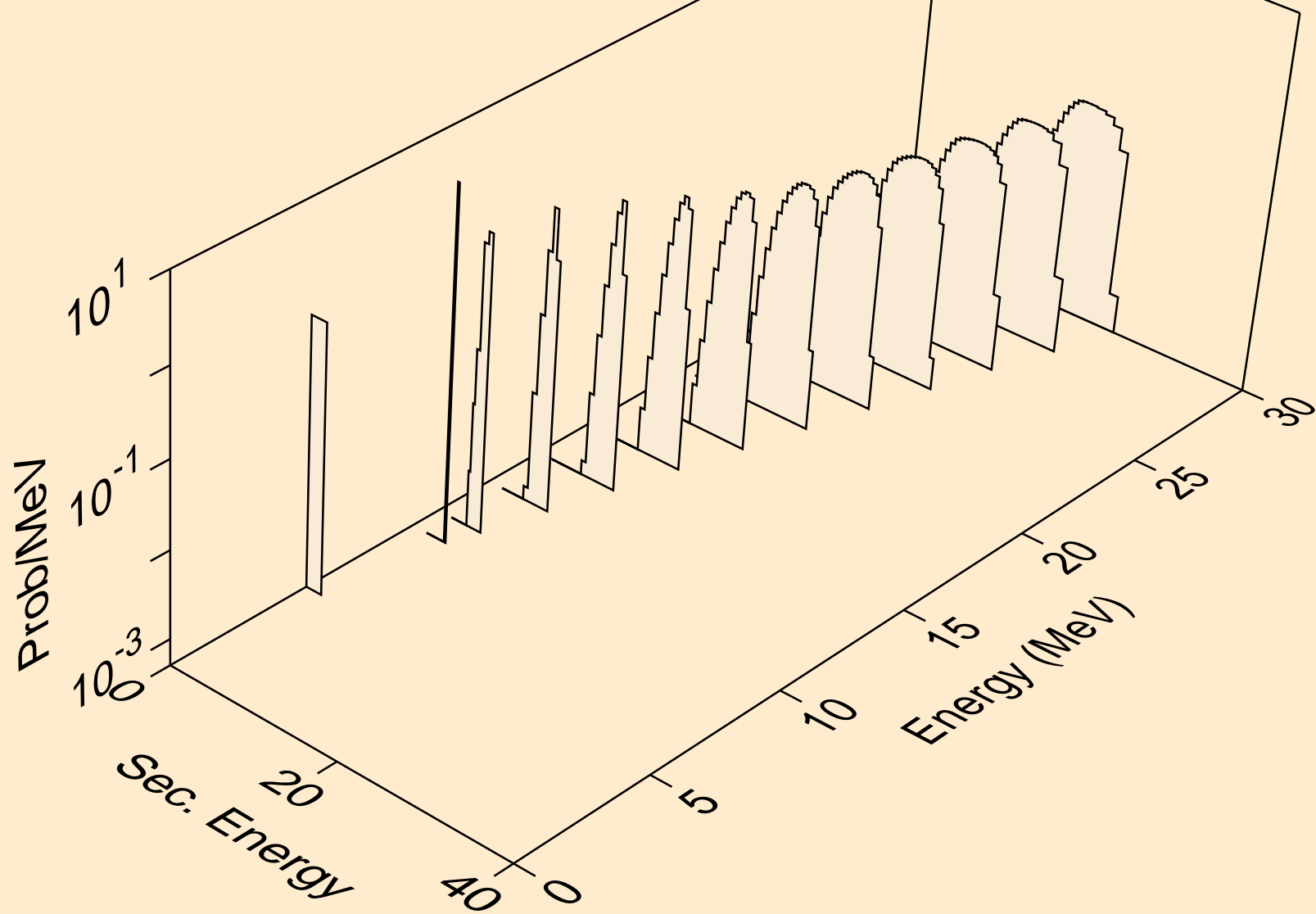
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (s,da)



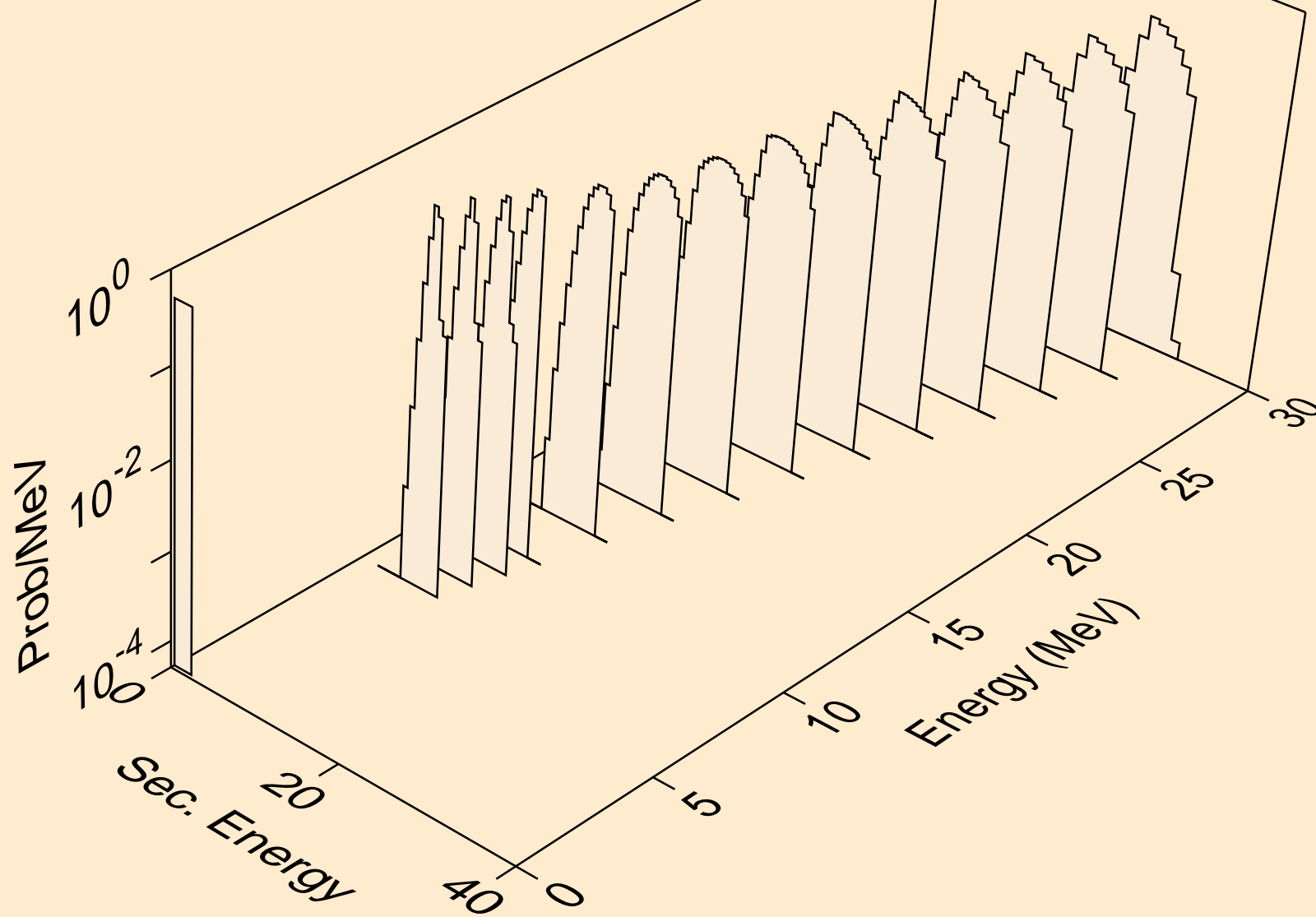
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
tritons from (s,x)



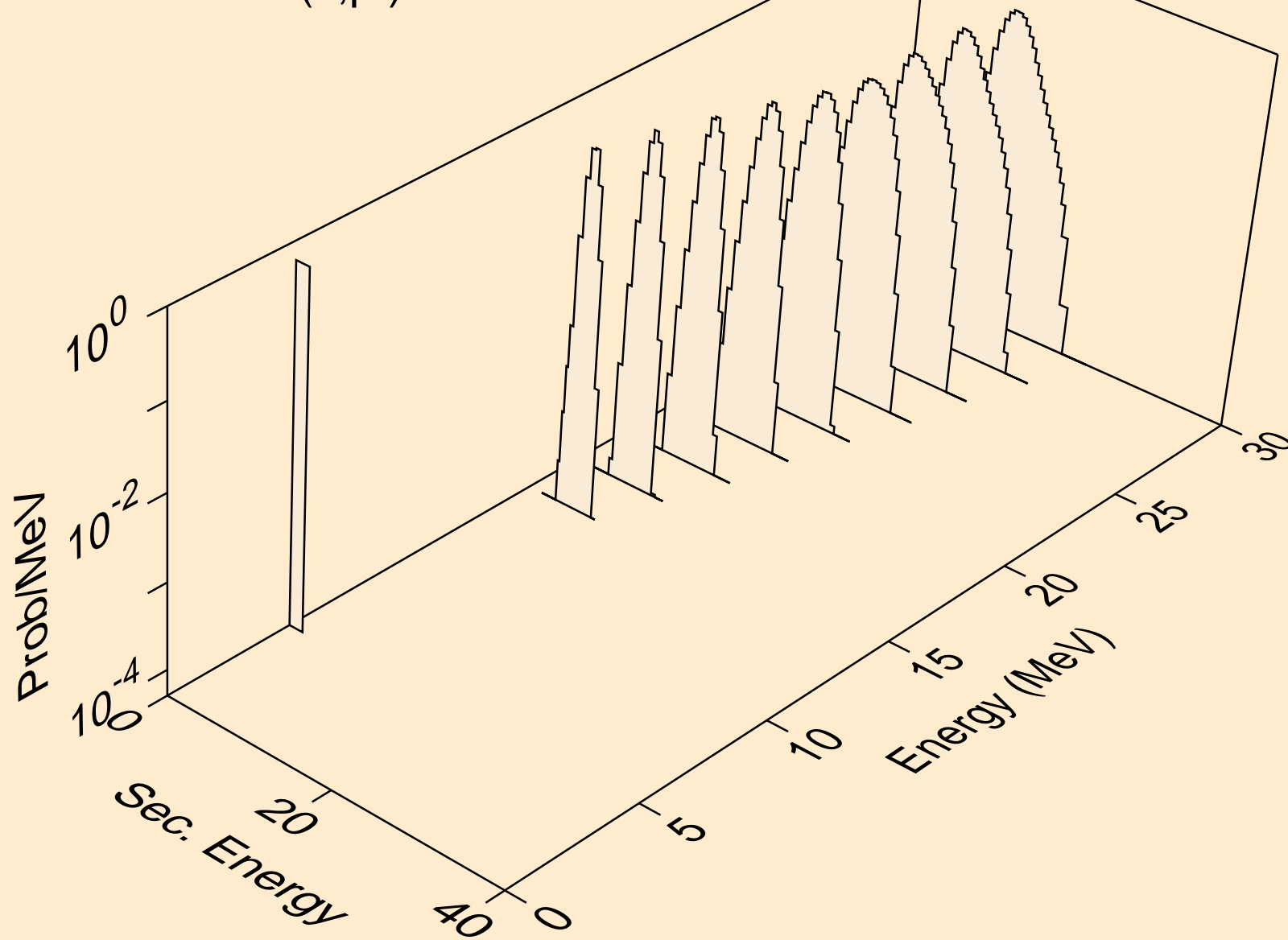
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
tritons from (s,n*)t



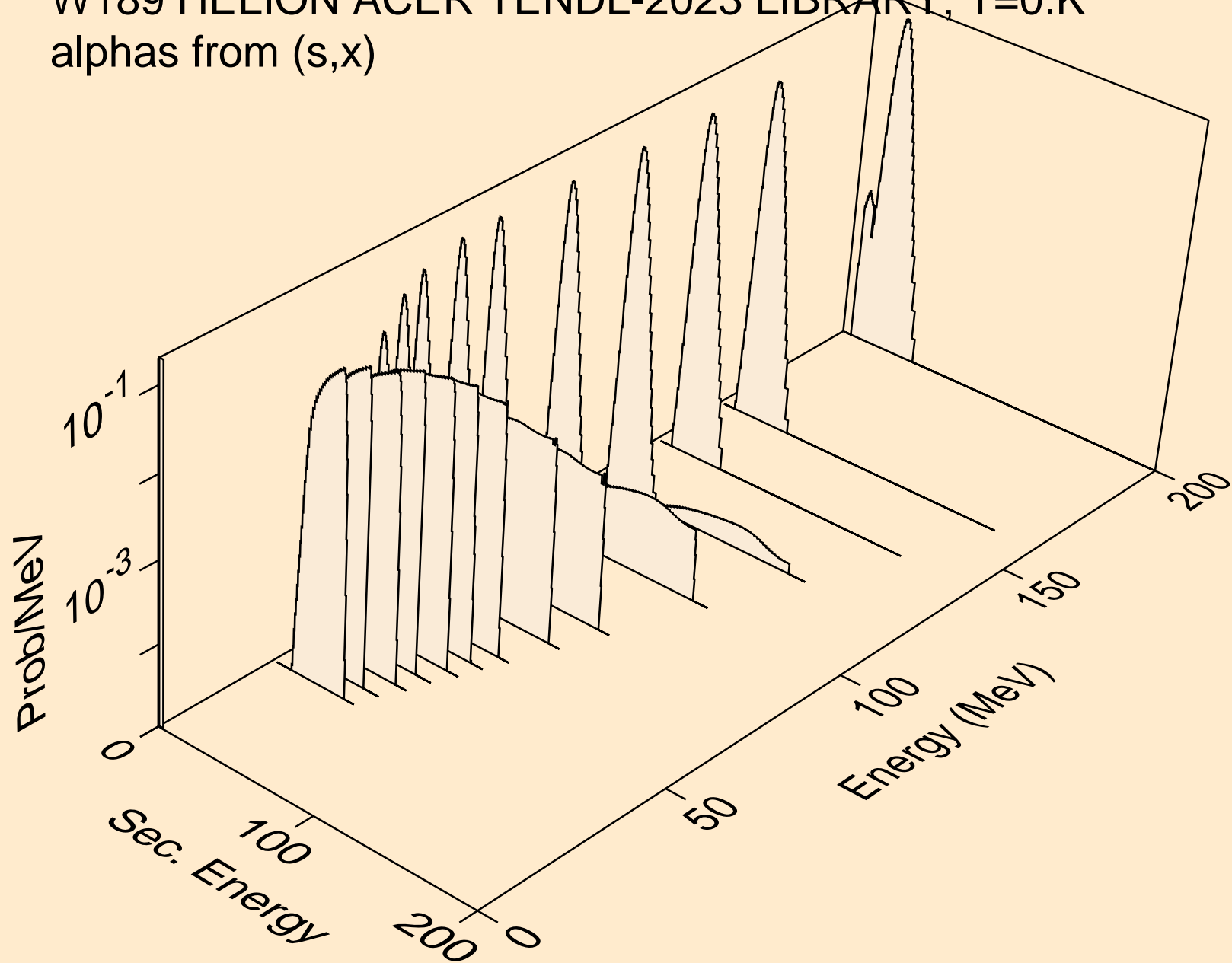
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
tritons from (s,t)



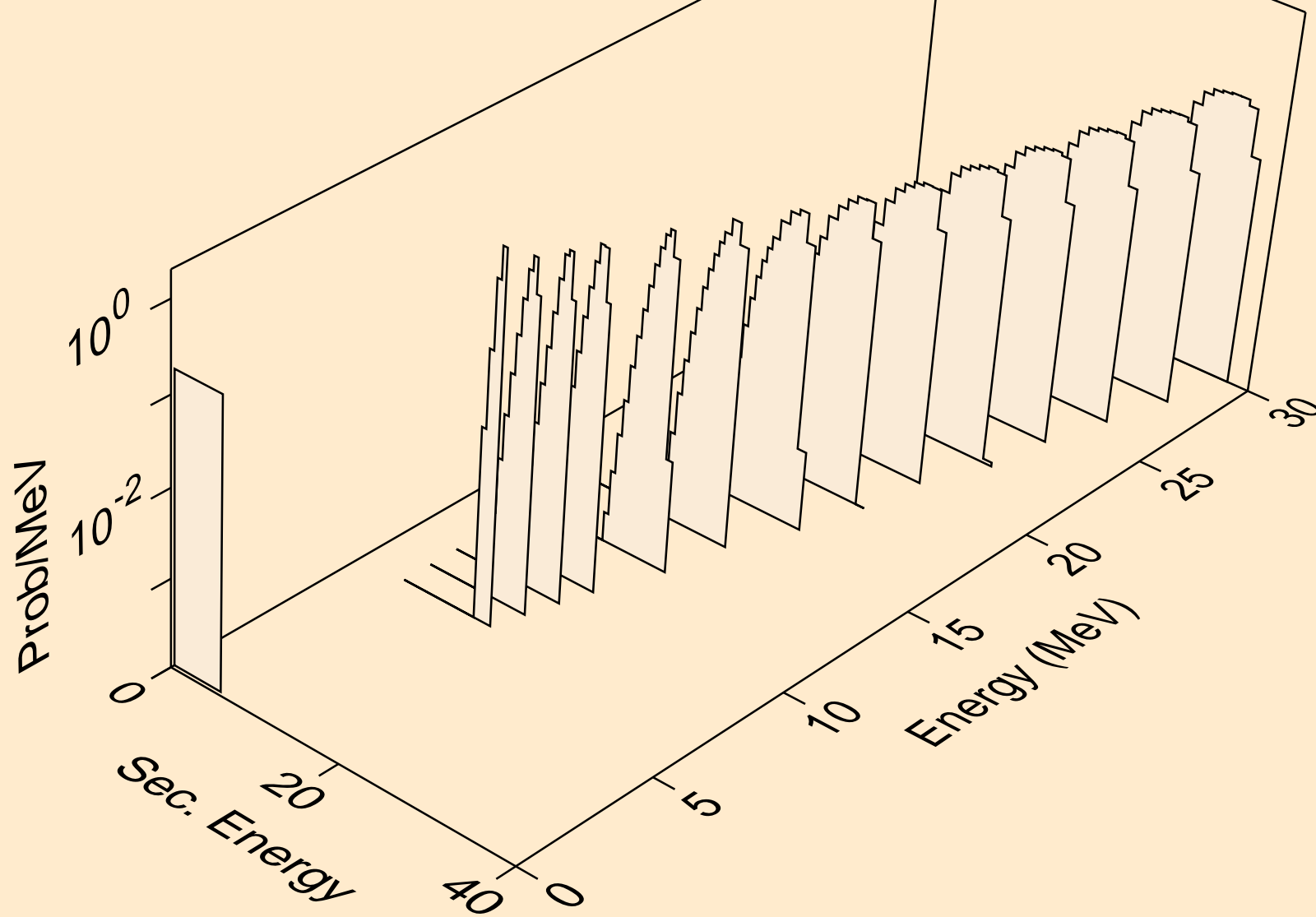
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
tritons from (s,pt)



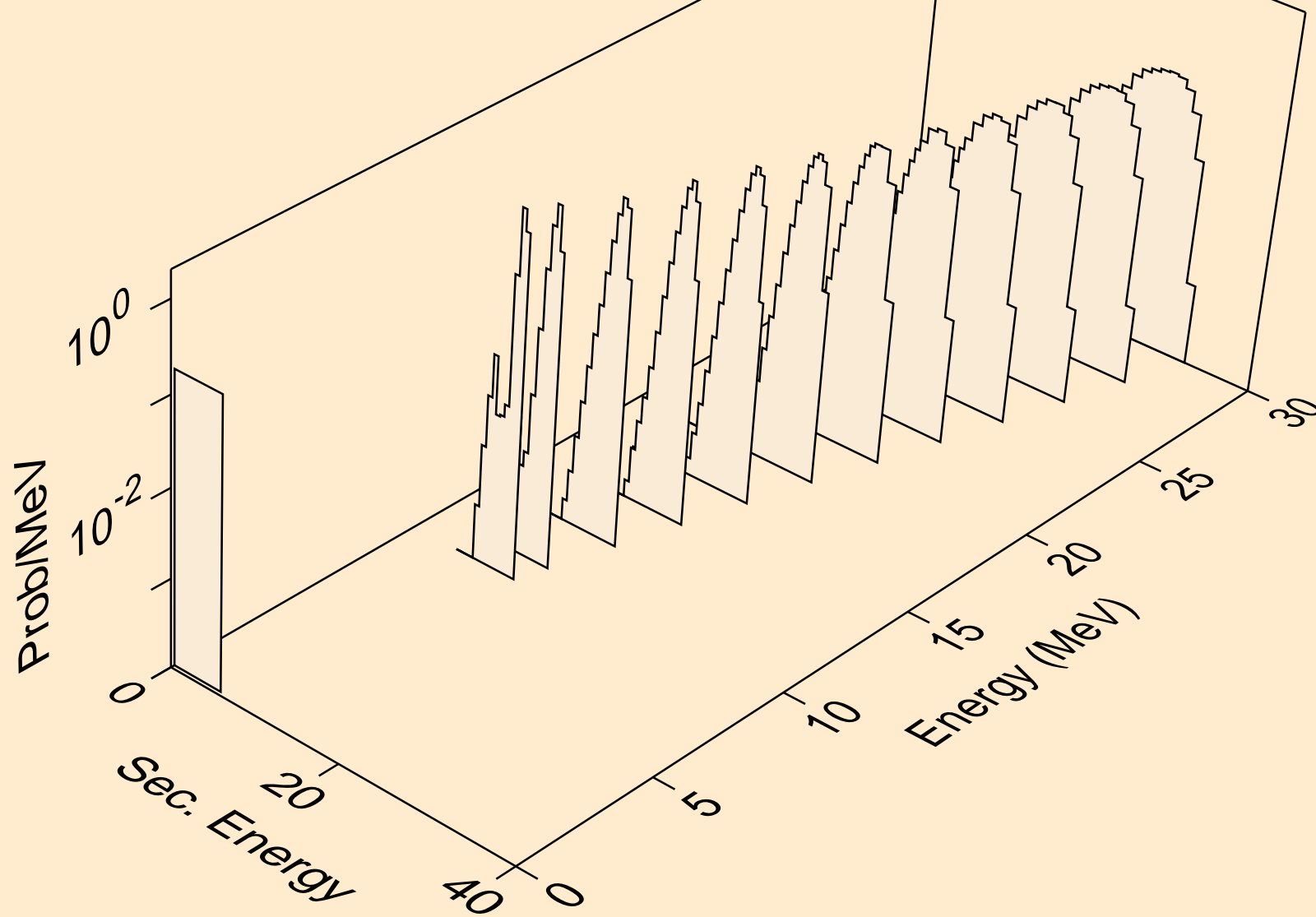
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,x)



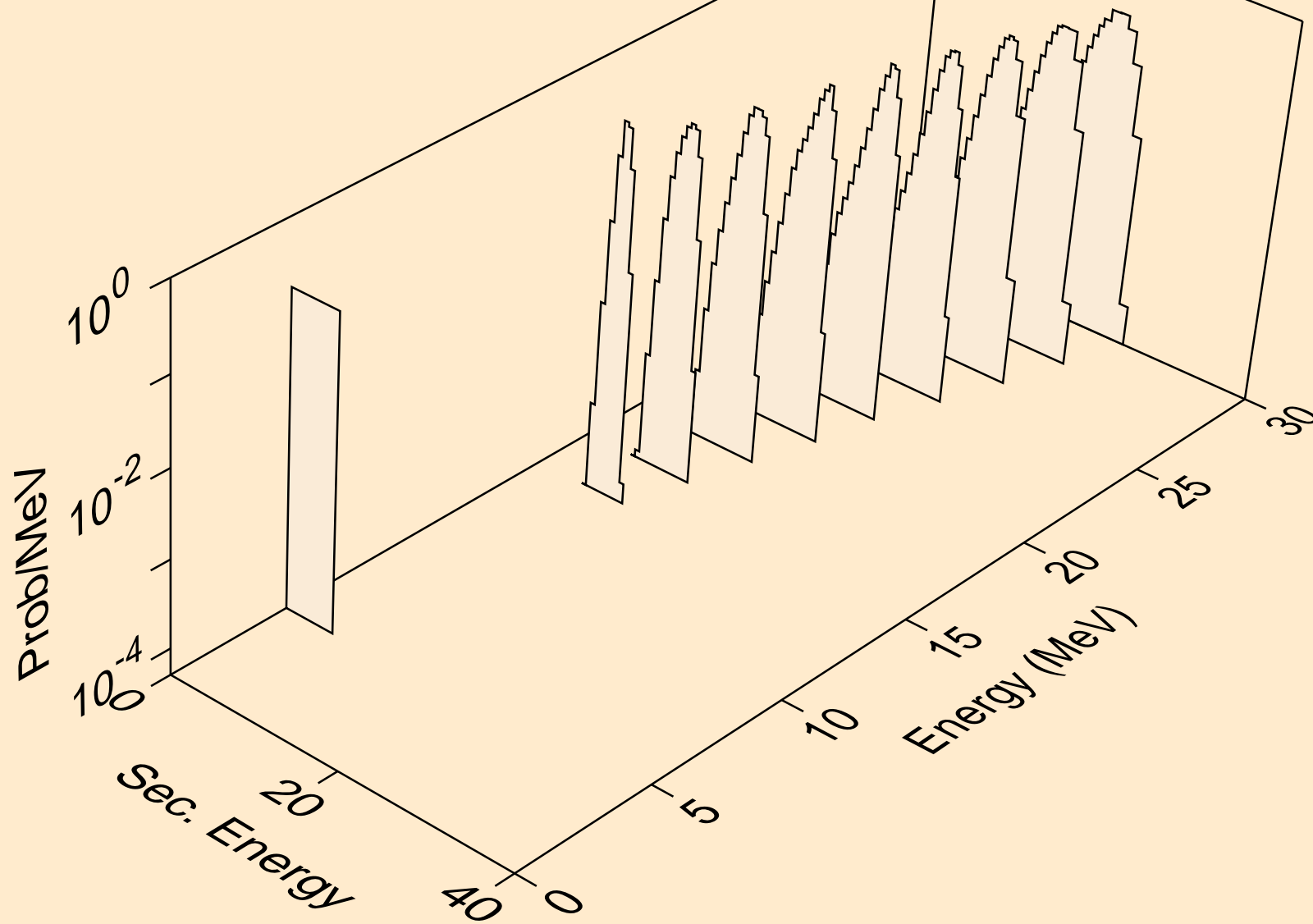
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,n*)a



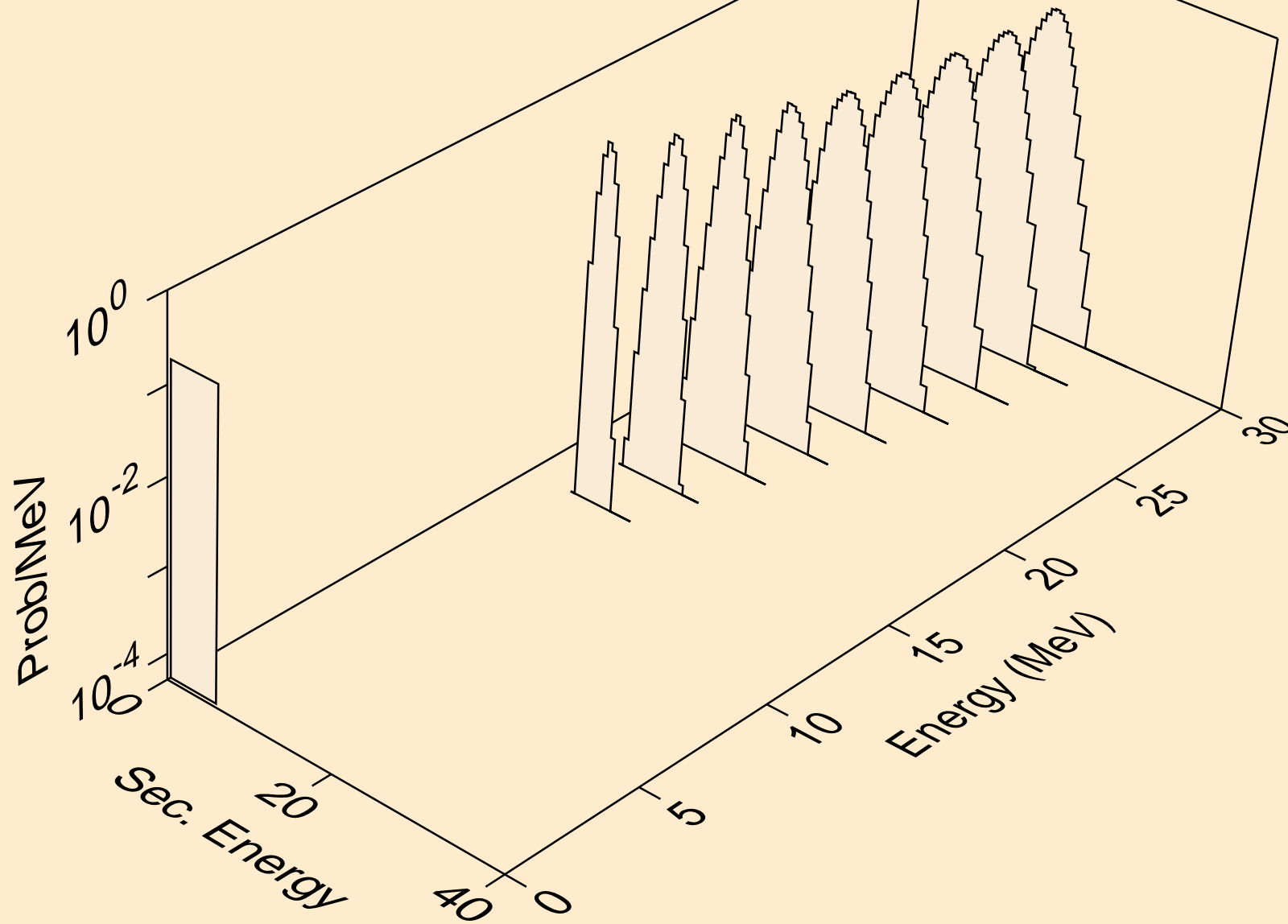
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,2n)a



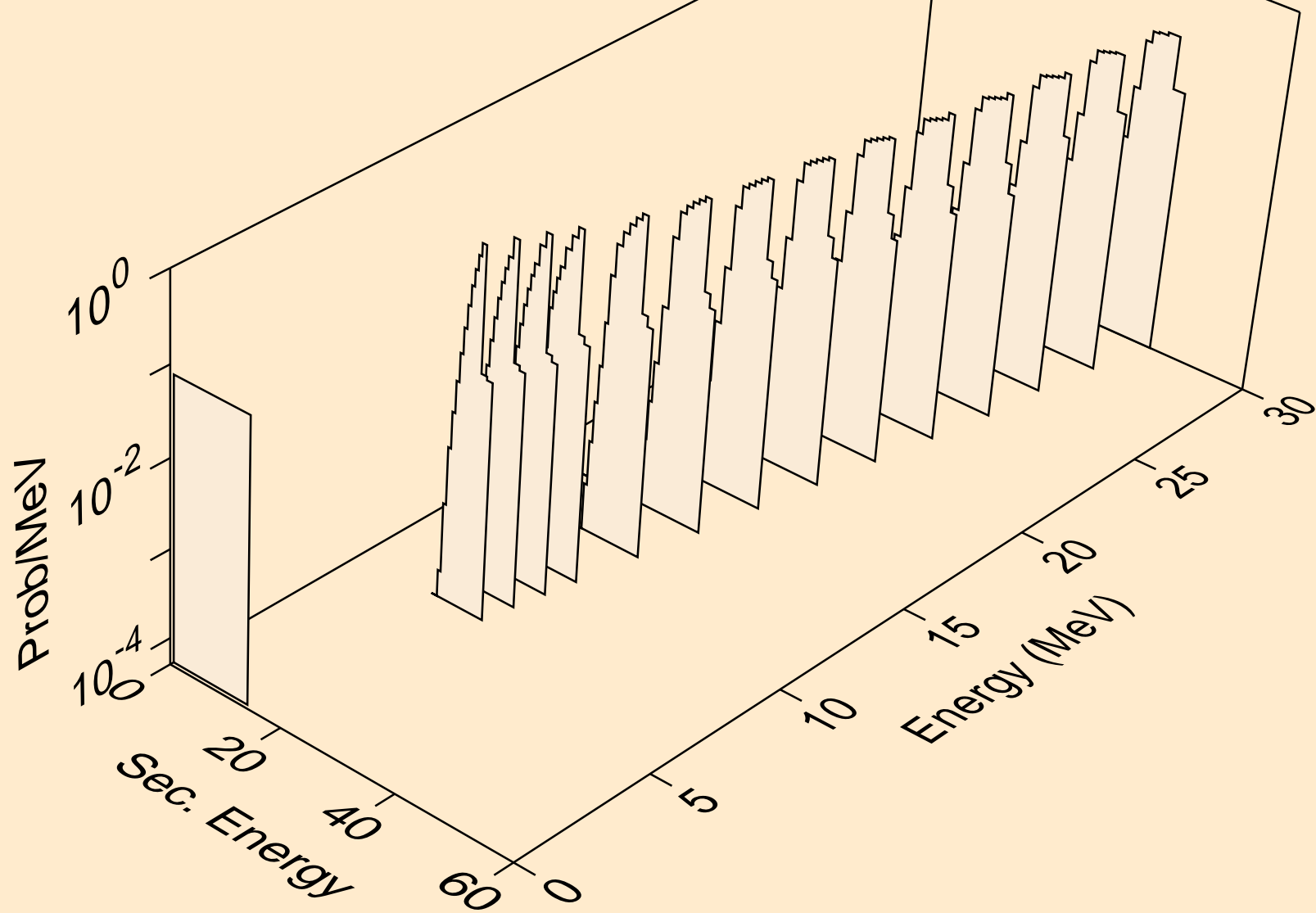
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,3n)a



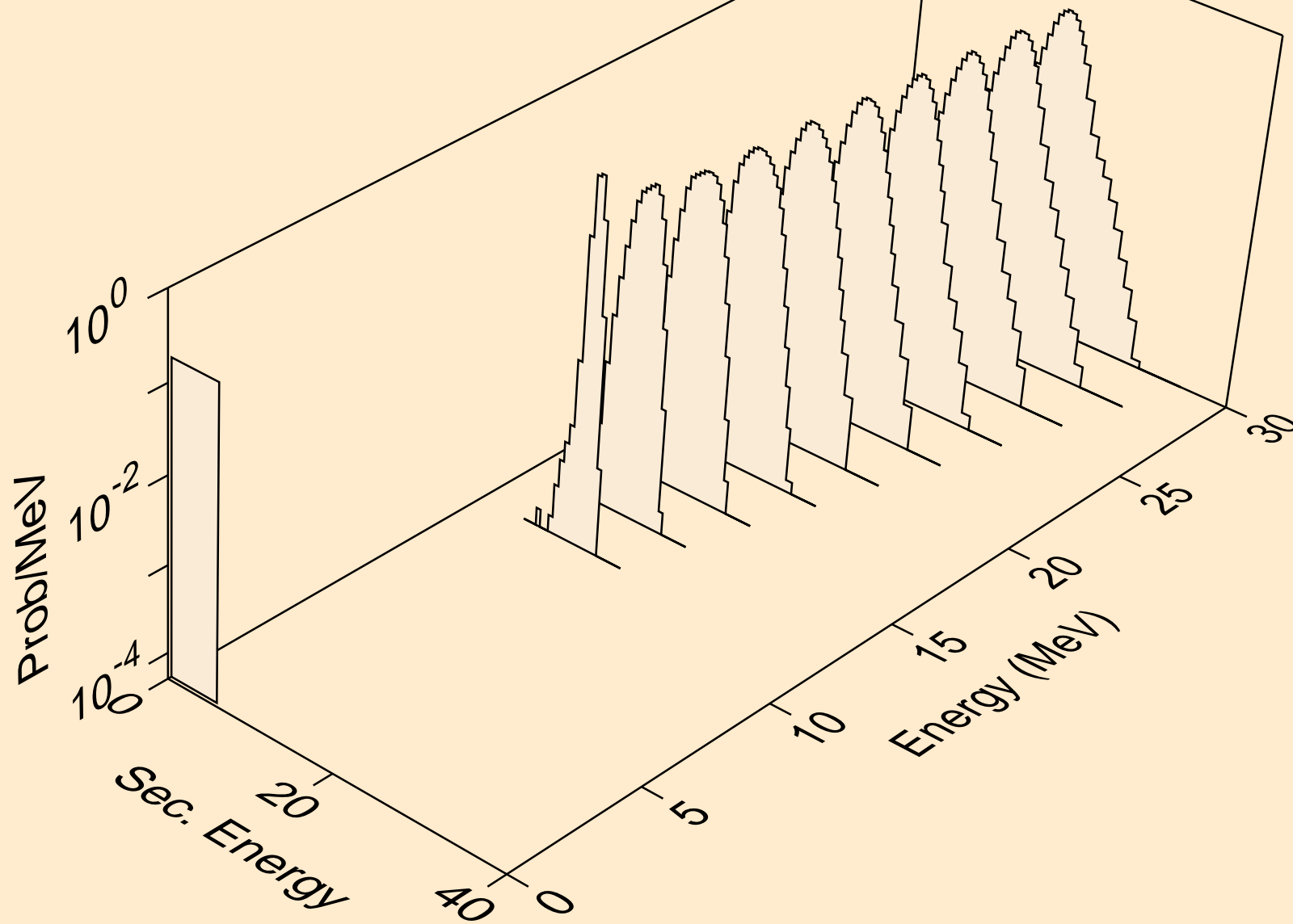
W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,npa)



W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,a)



W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,pa)



W189 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,da)

