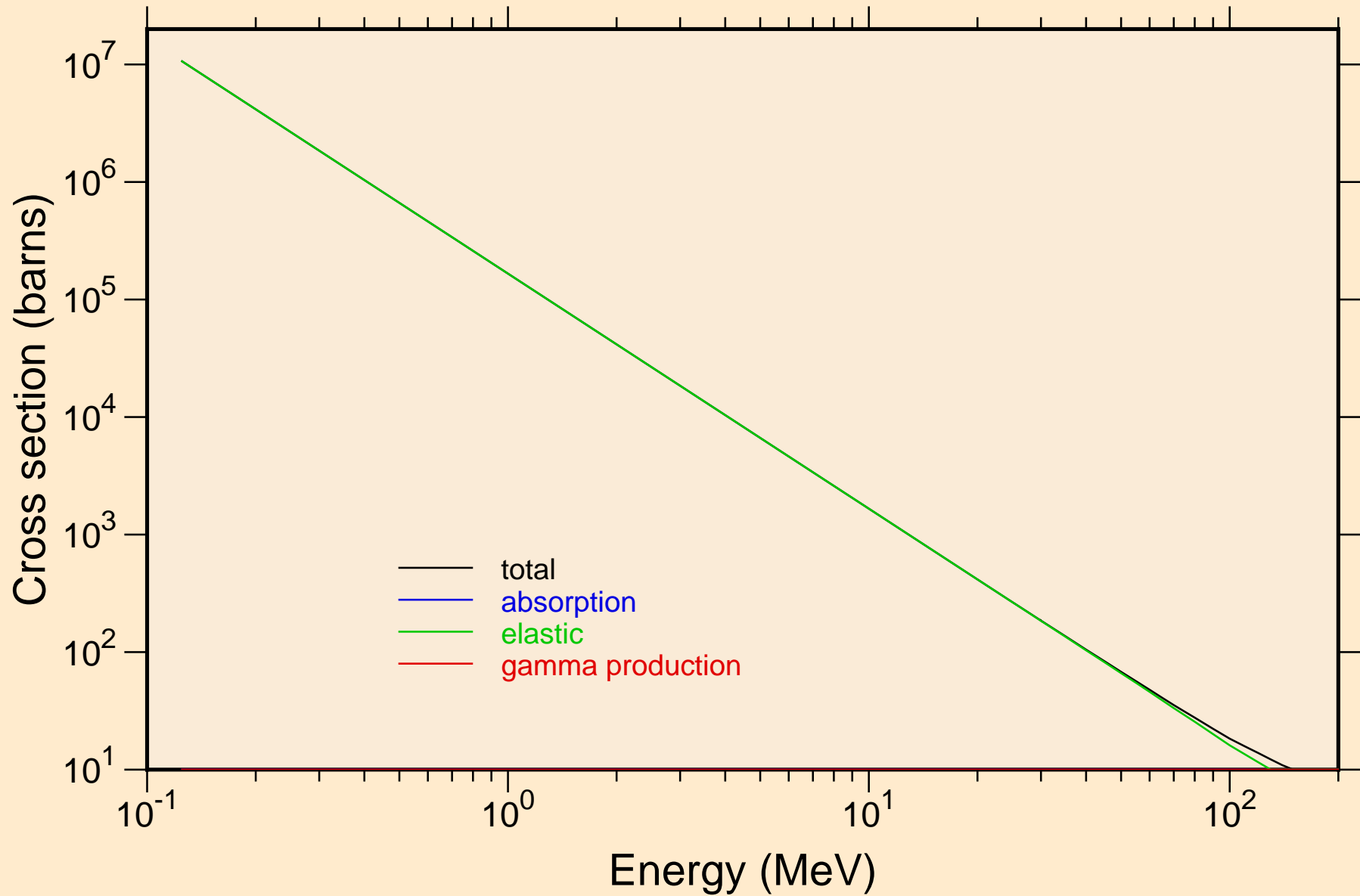
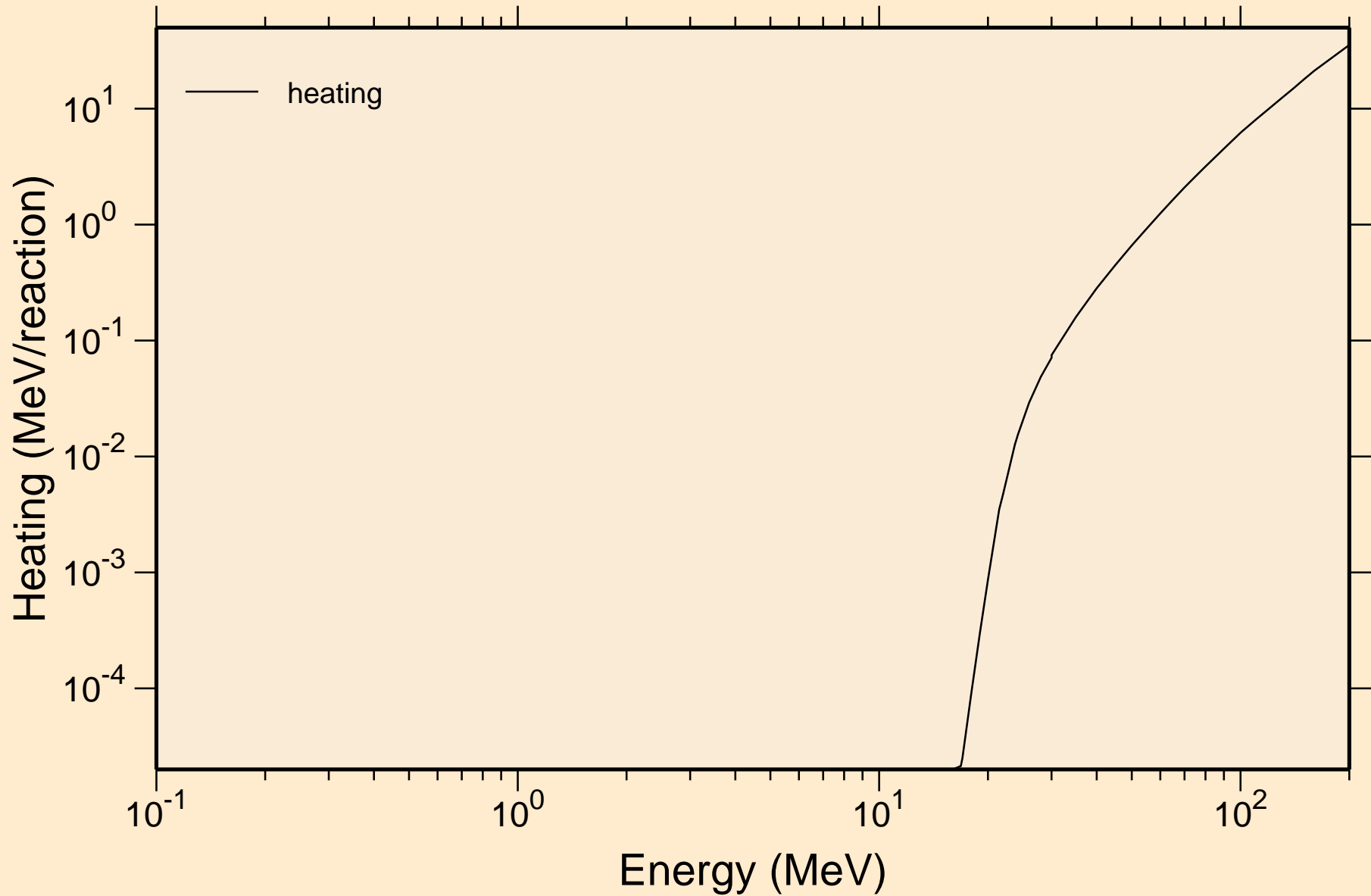


TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Principal cross sections



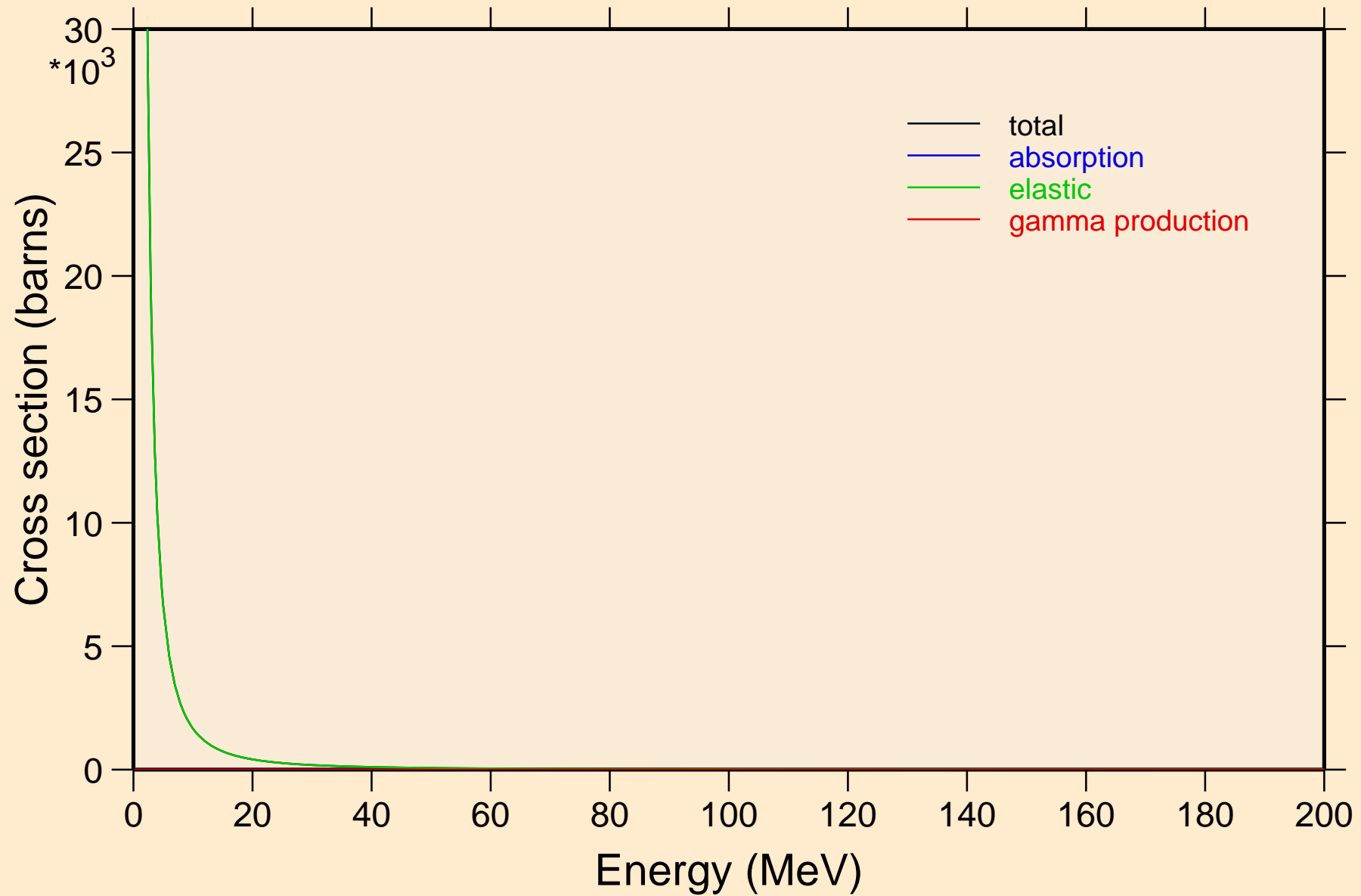
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K

Heating



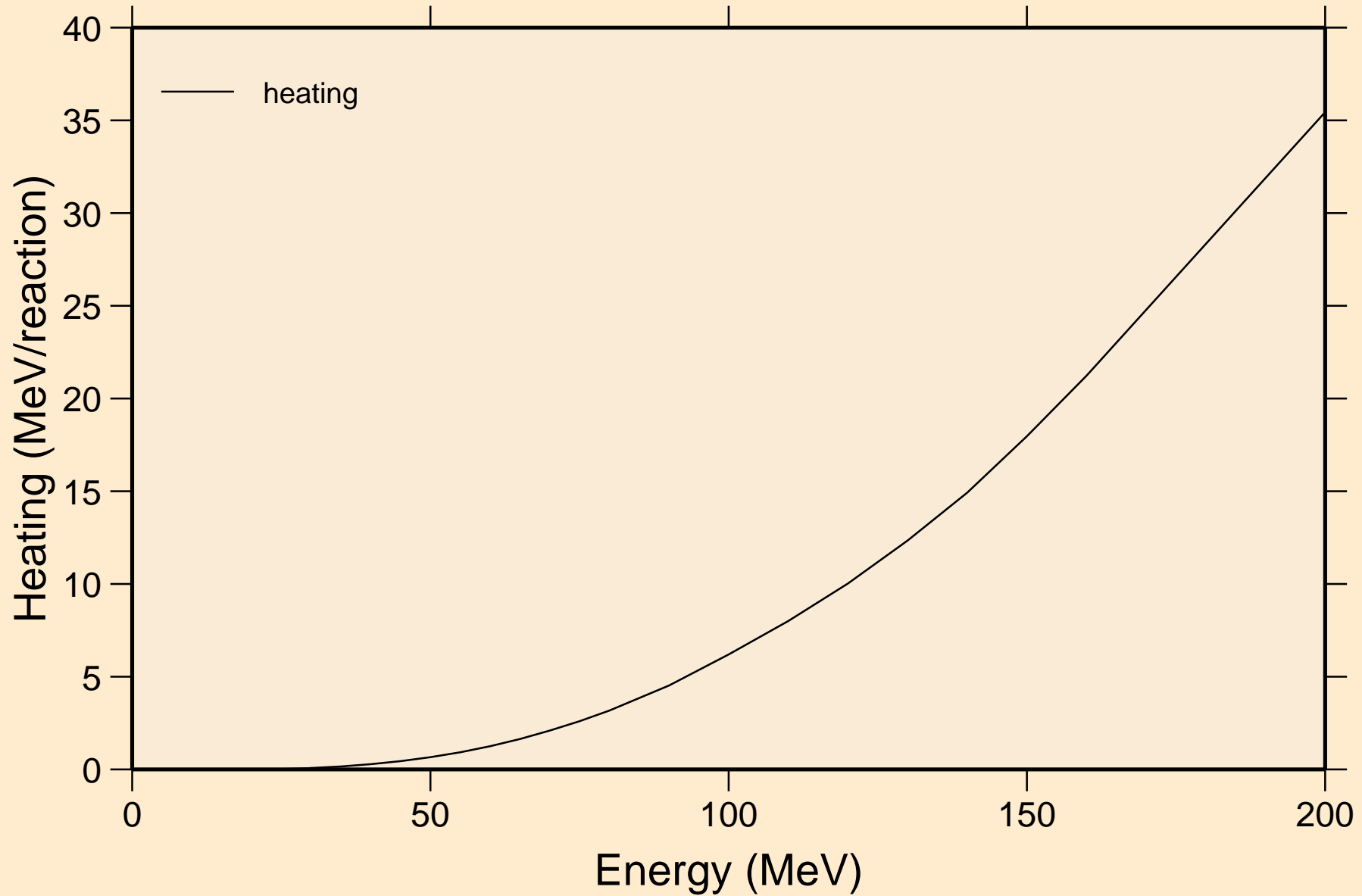
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections

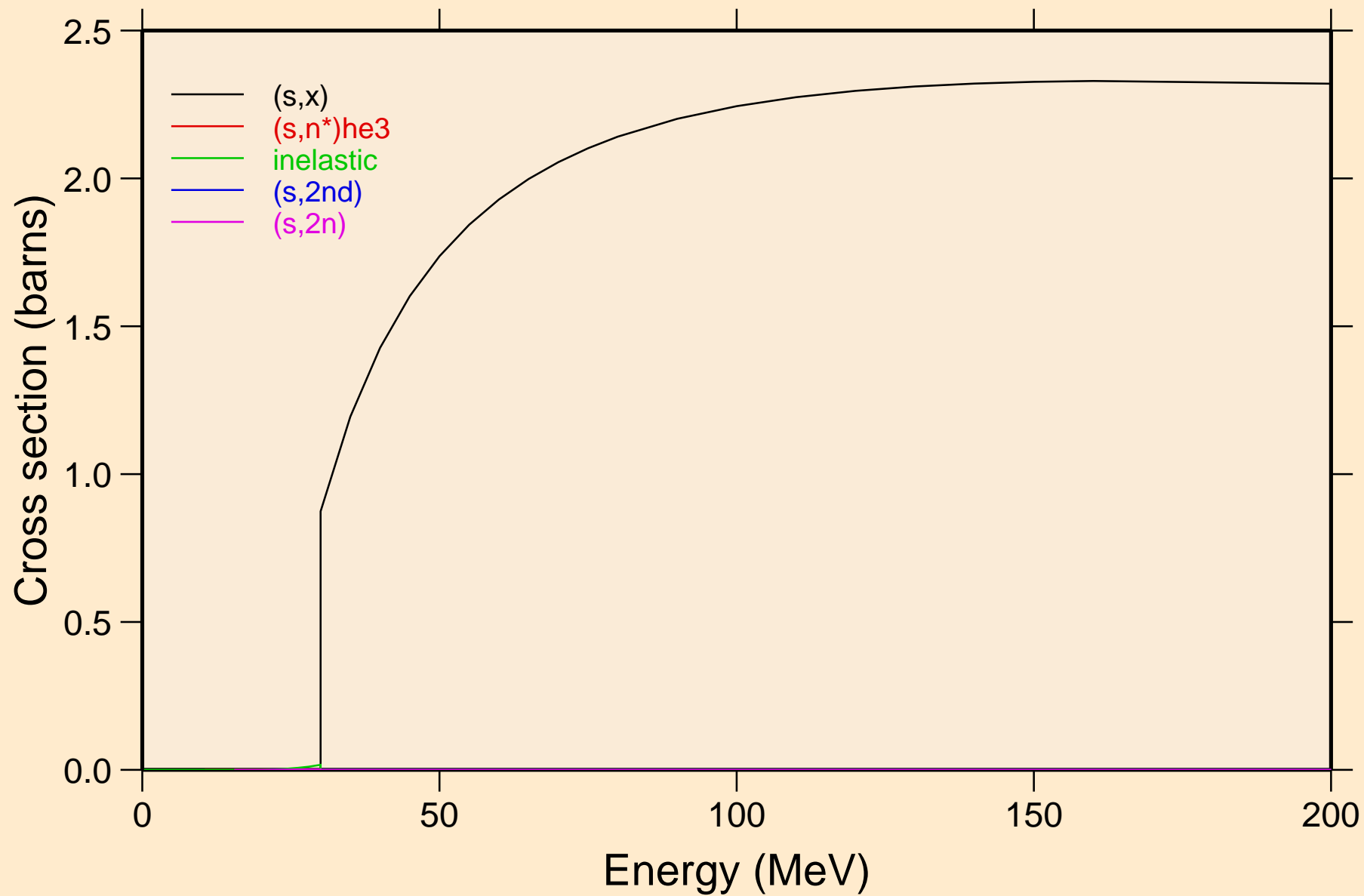


TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K

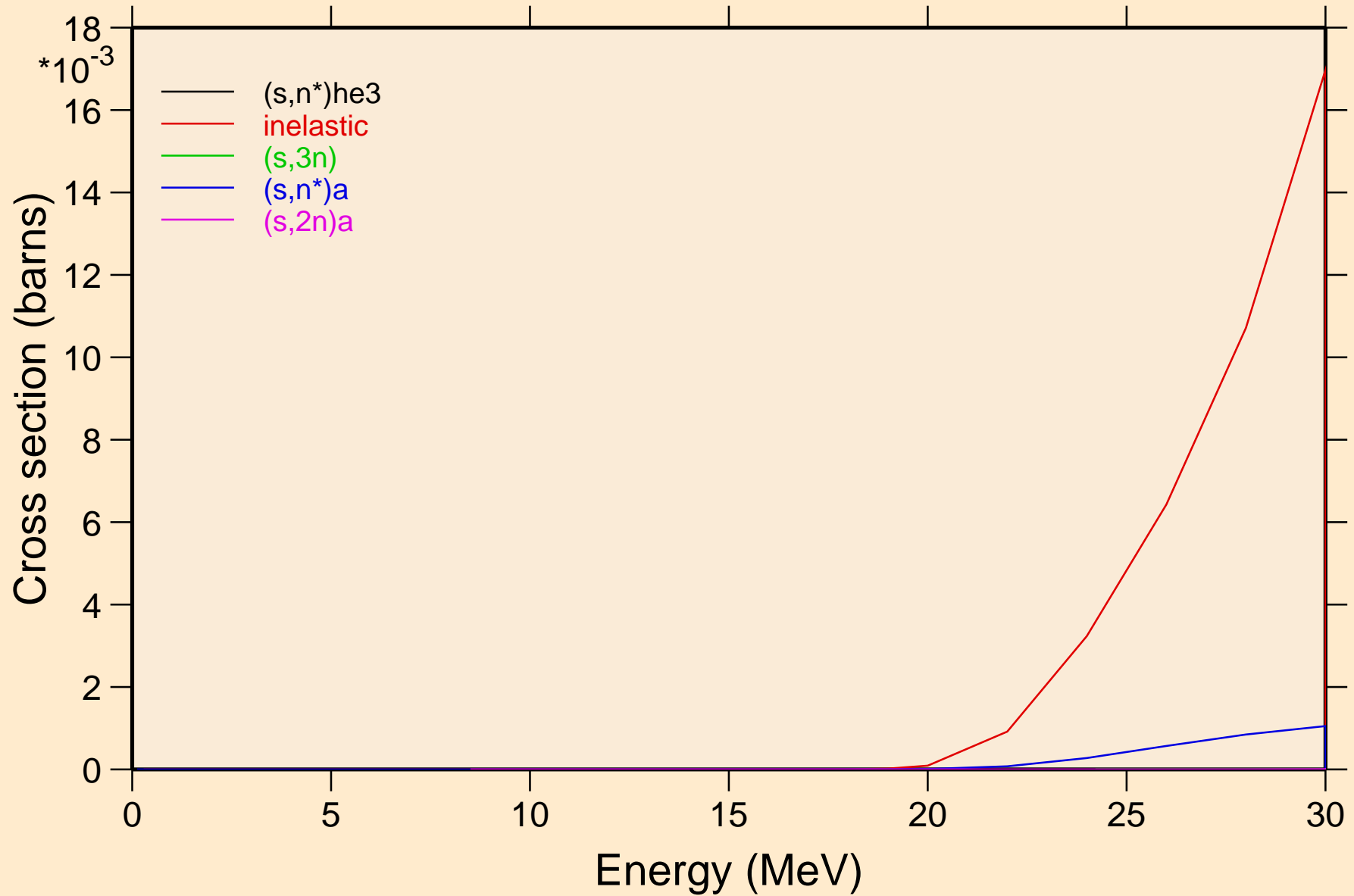
Heating



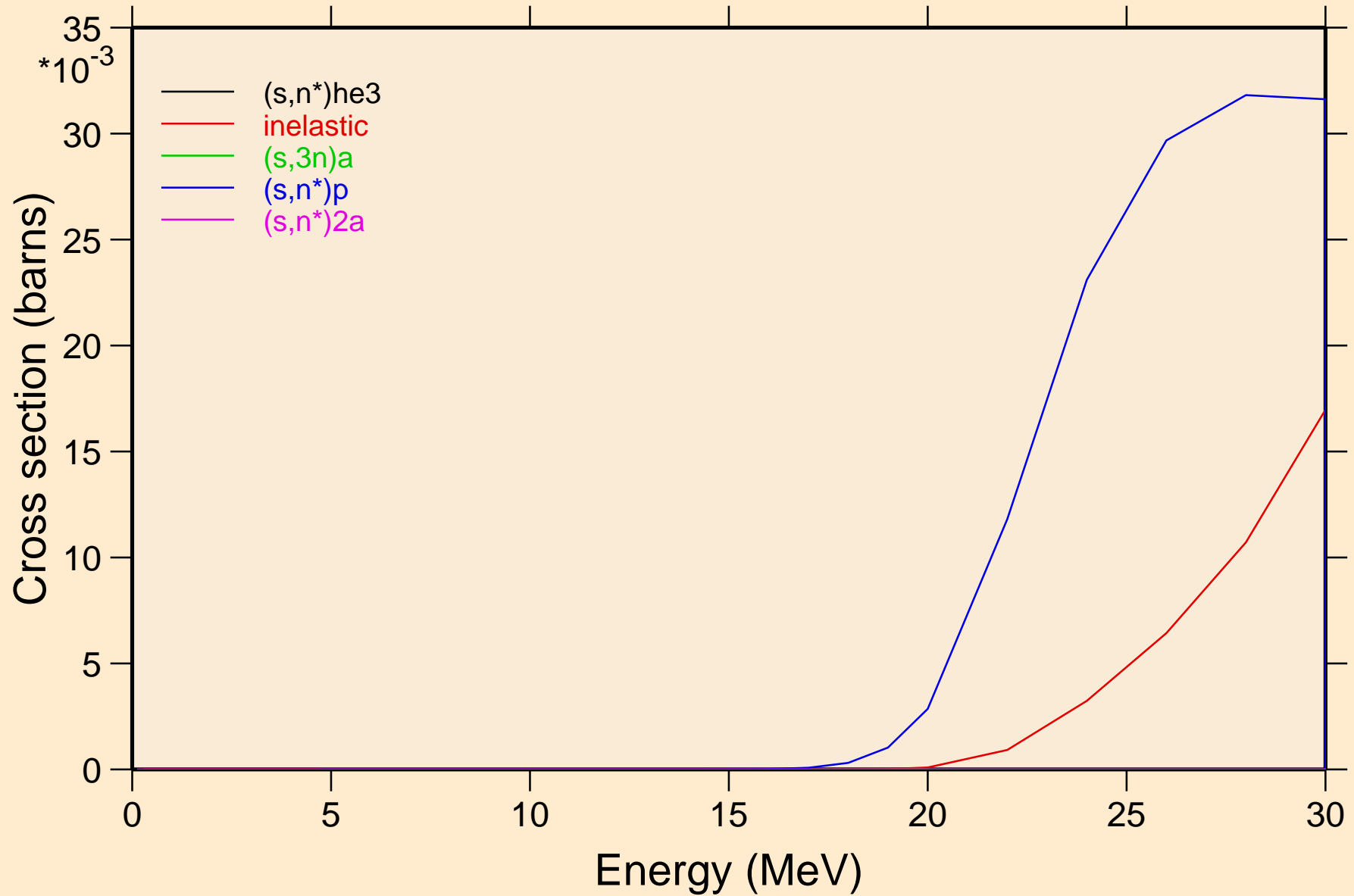
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



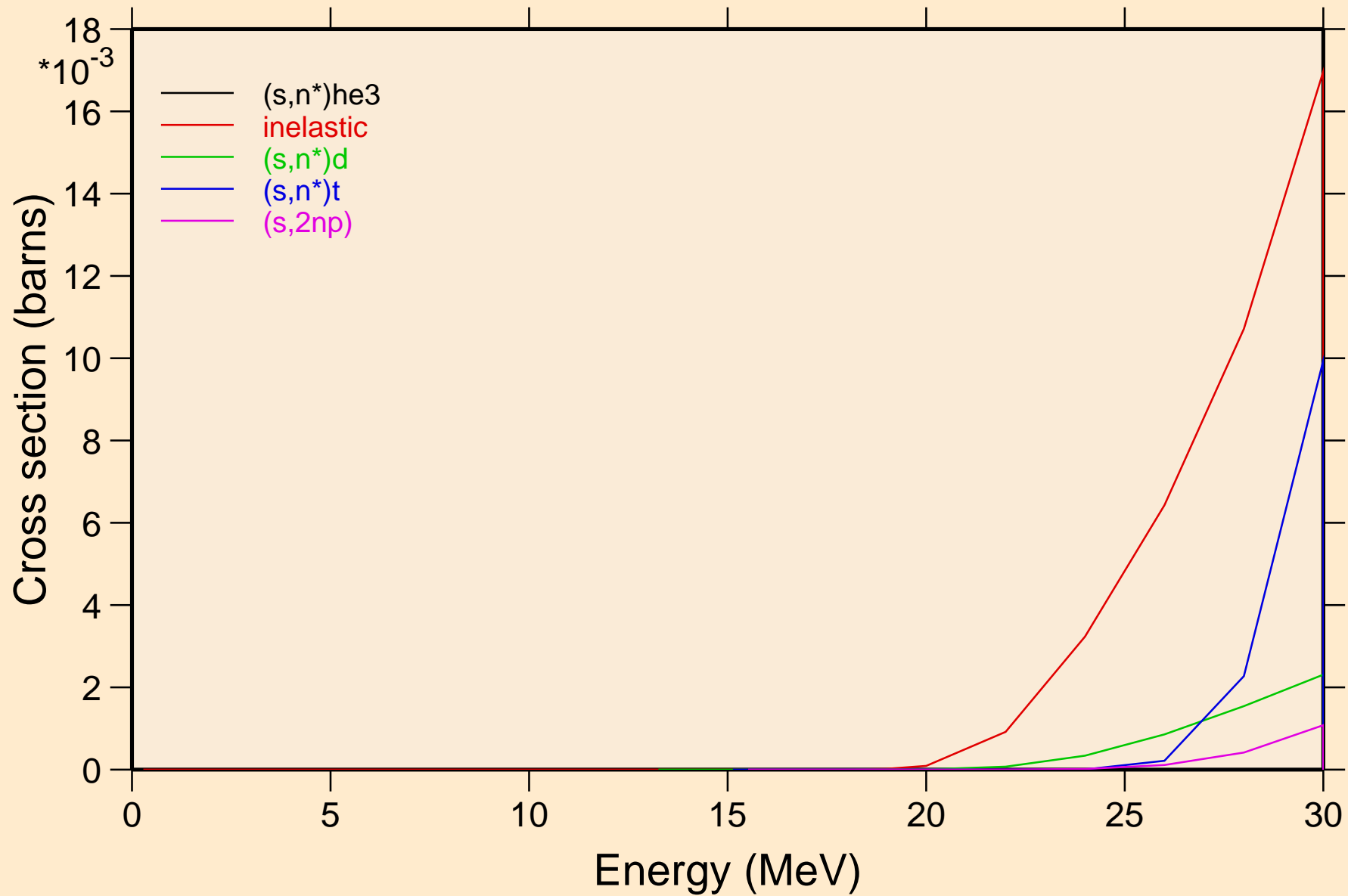
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



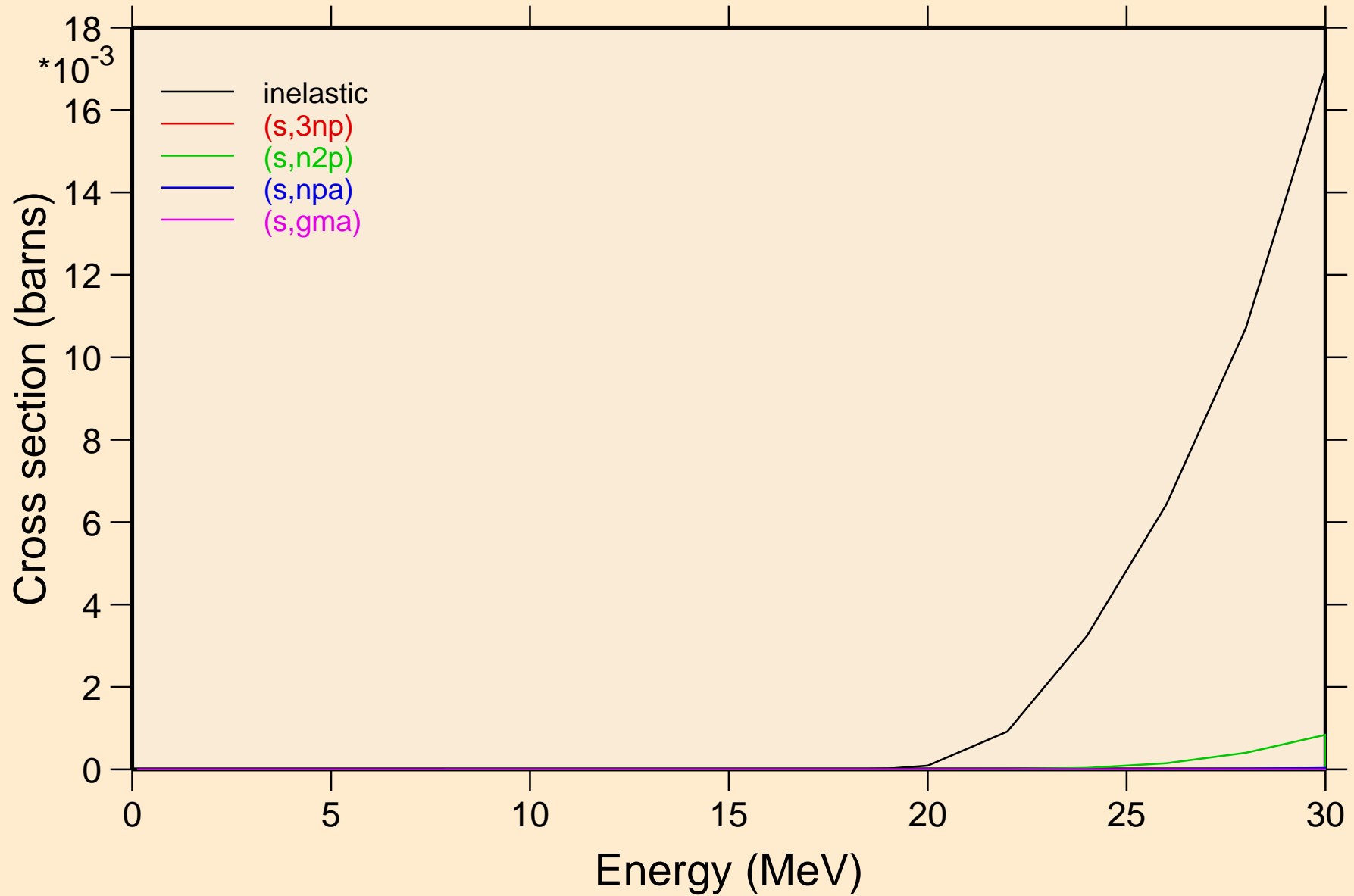
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



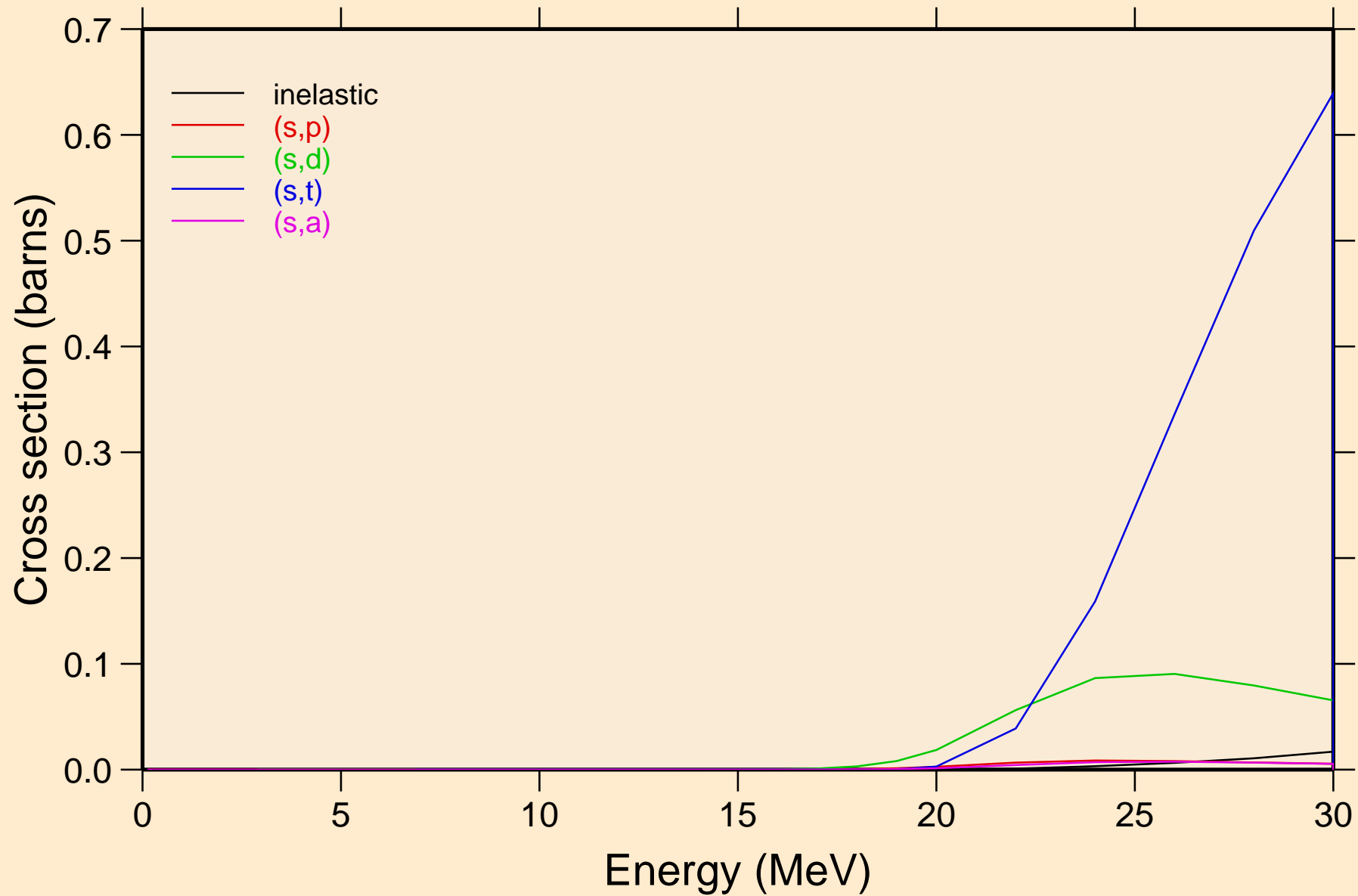
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



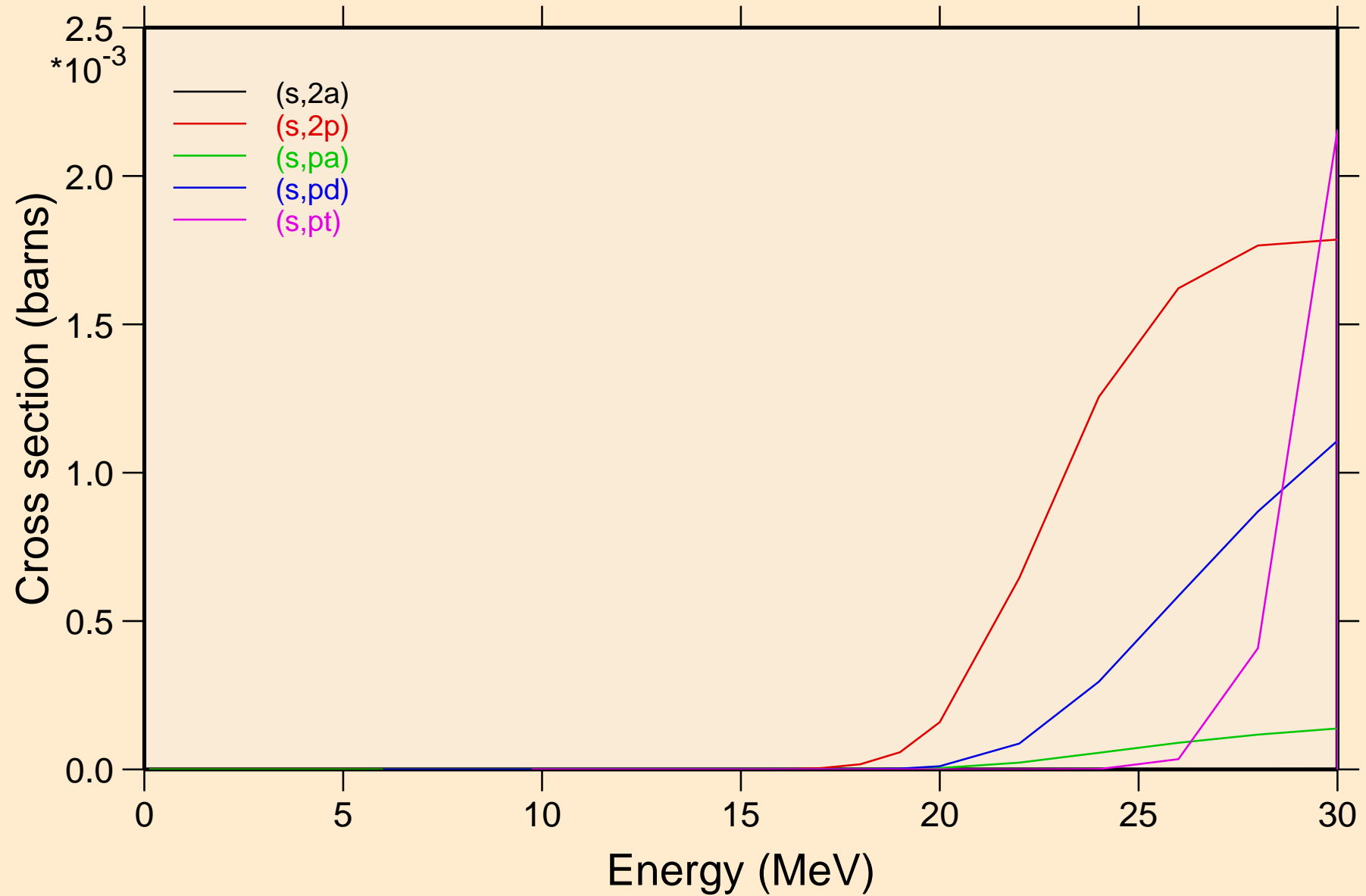
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



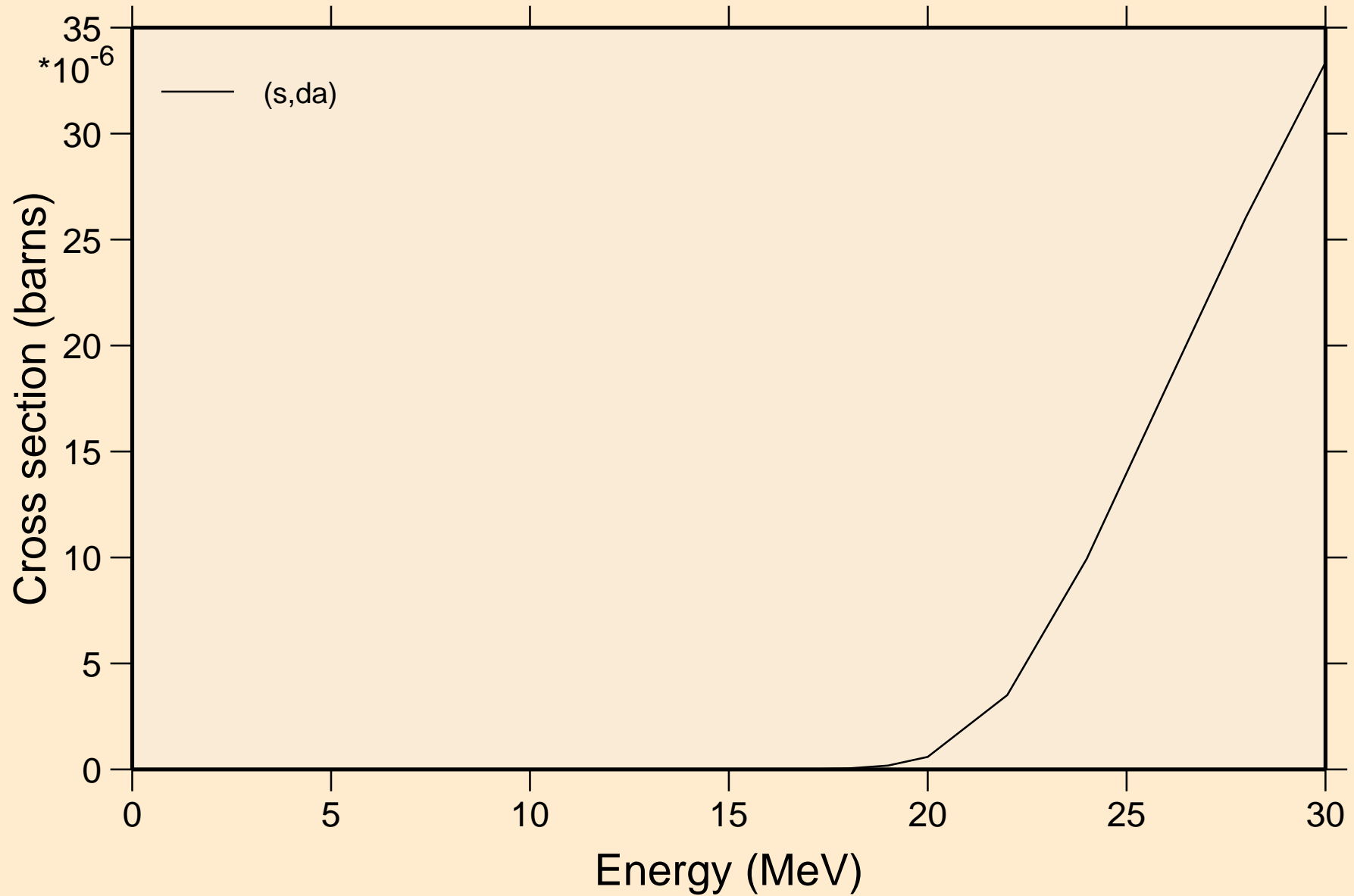
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



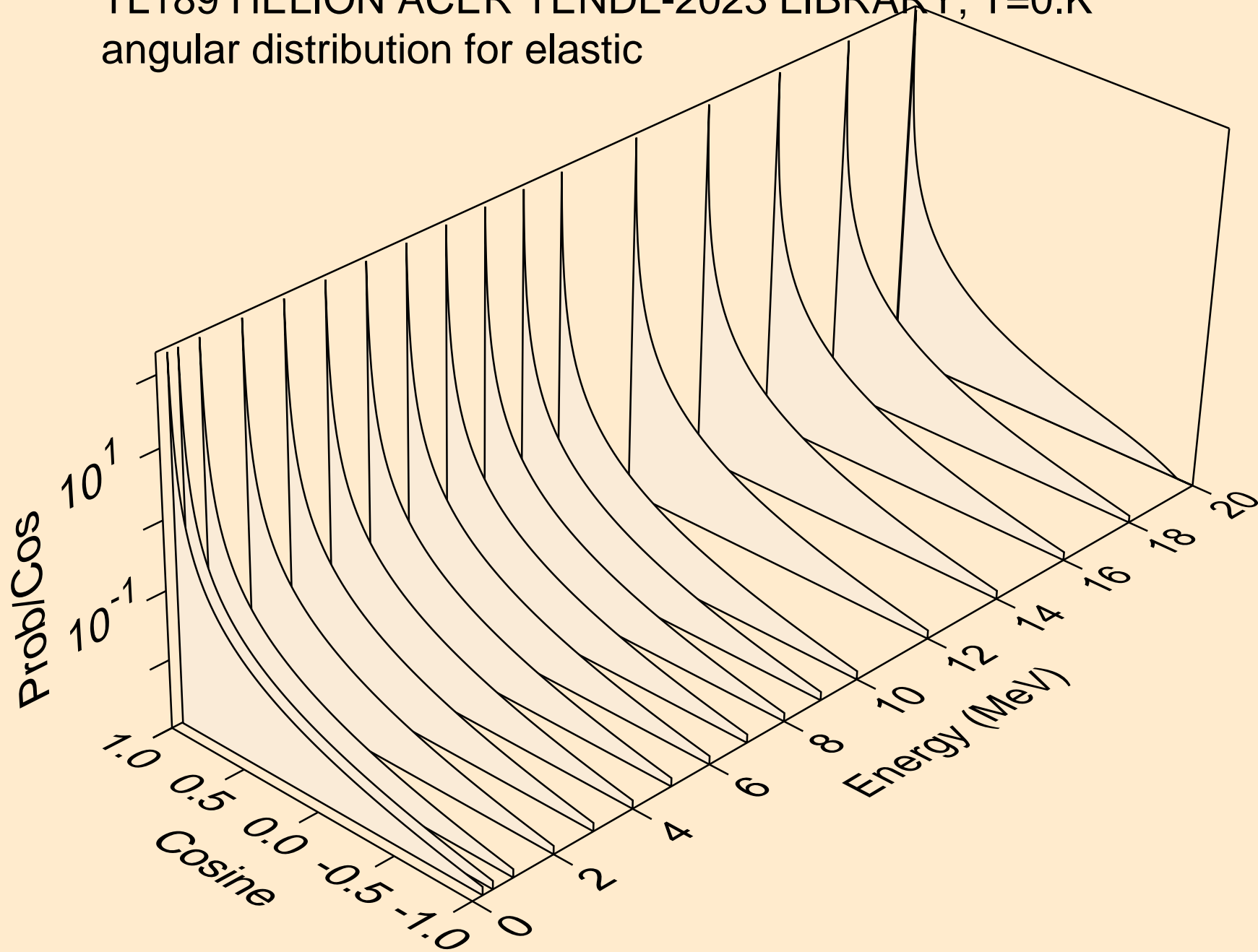
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



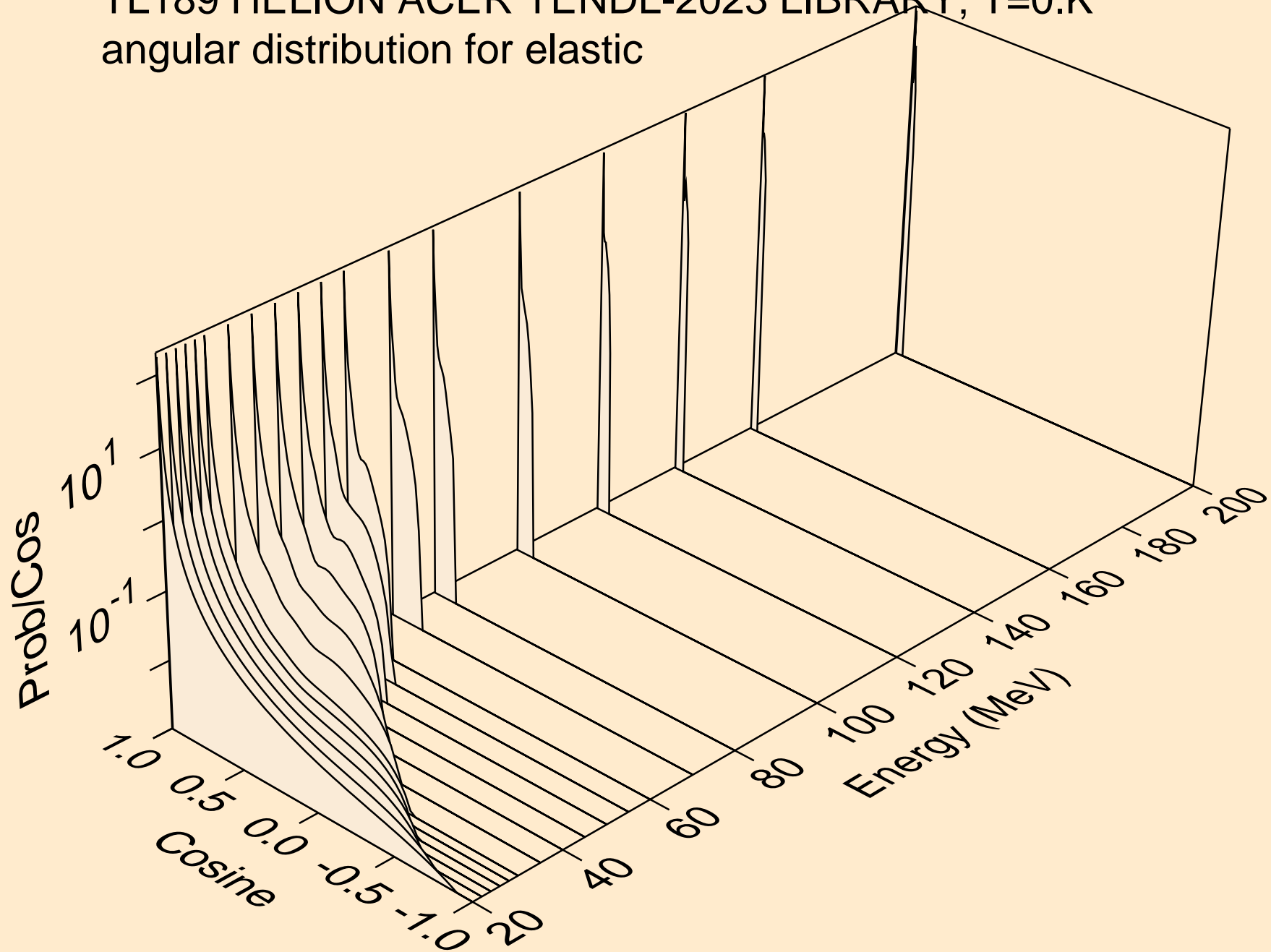
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



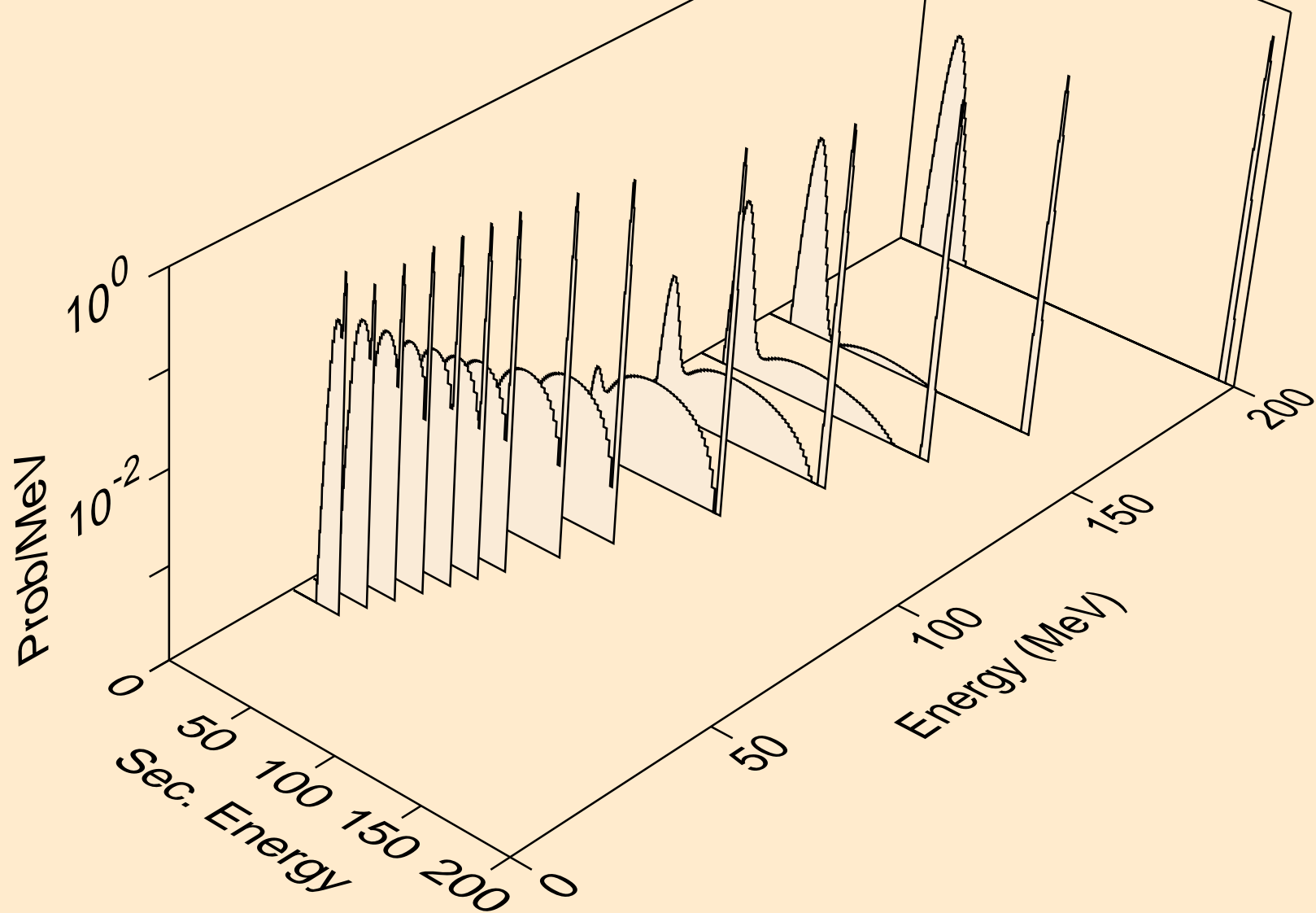
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



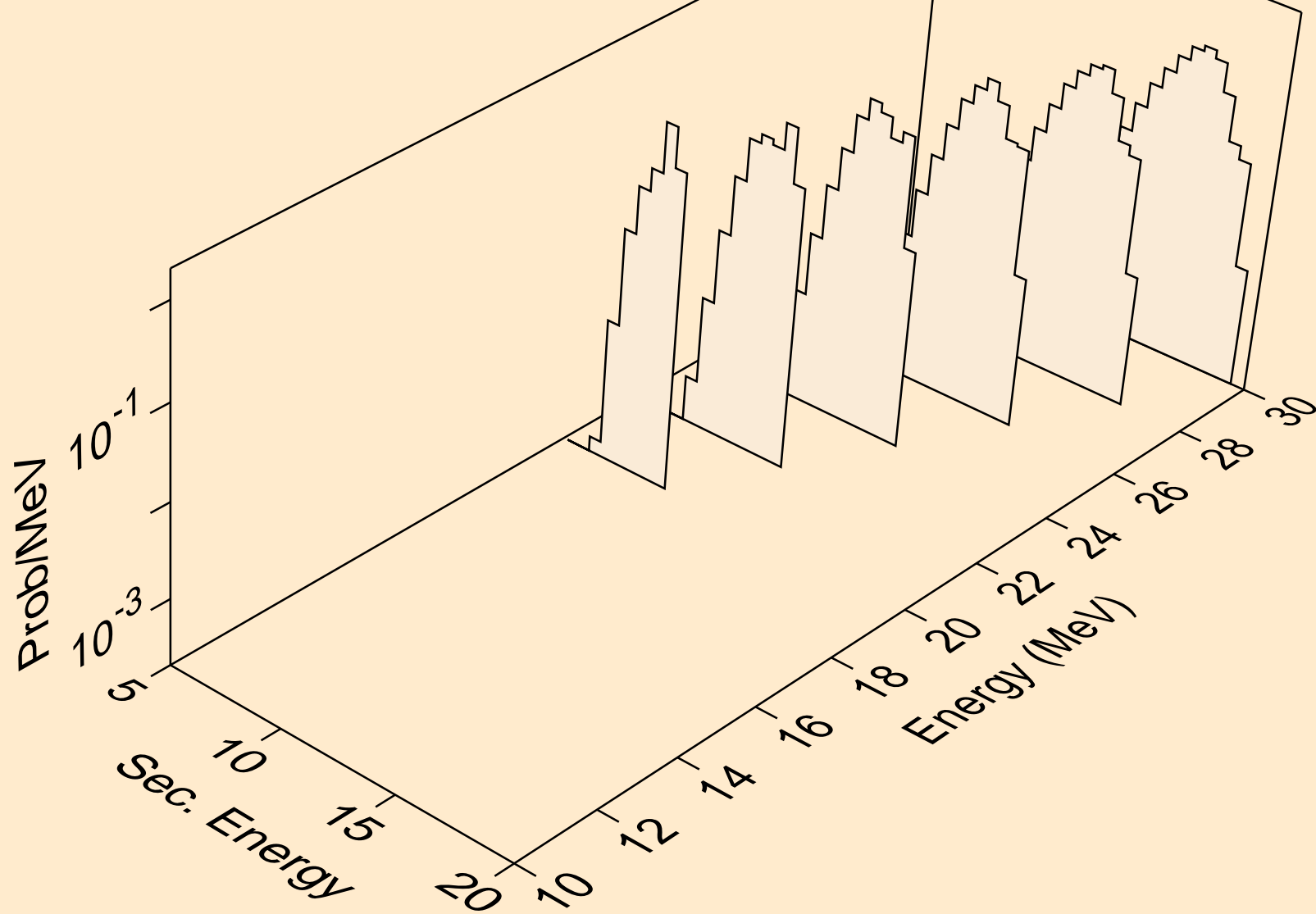
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



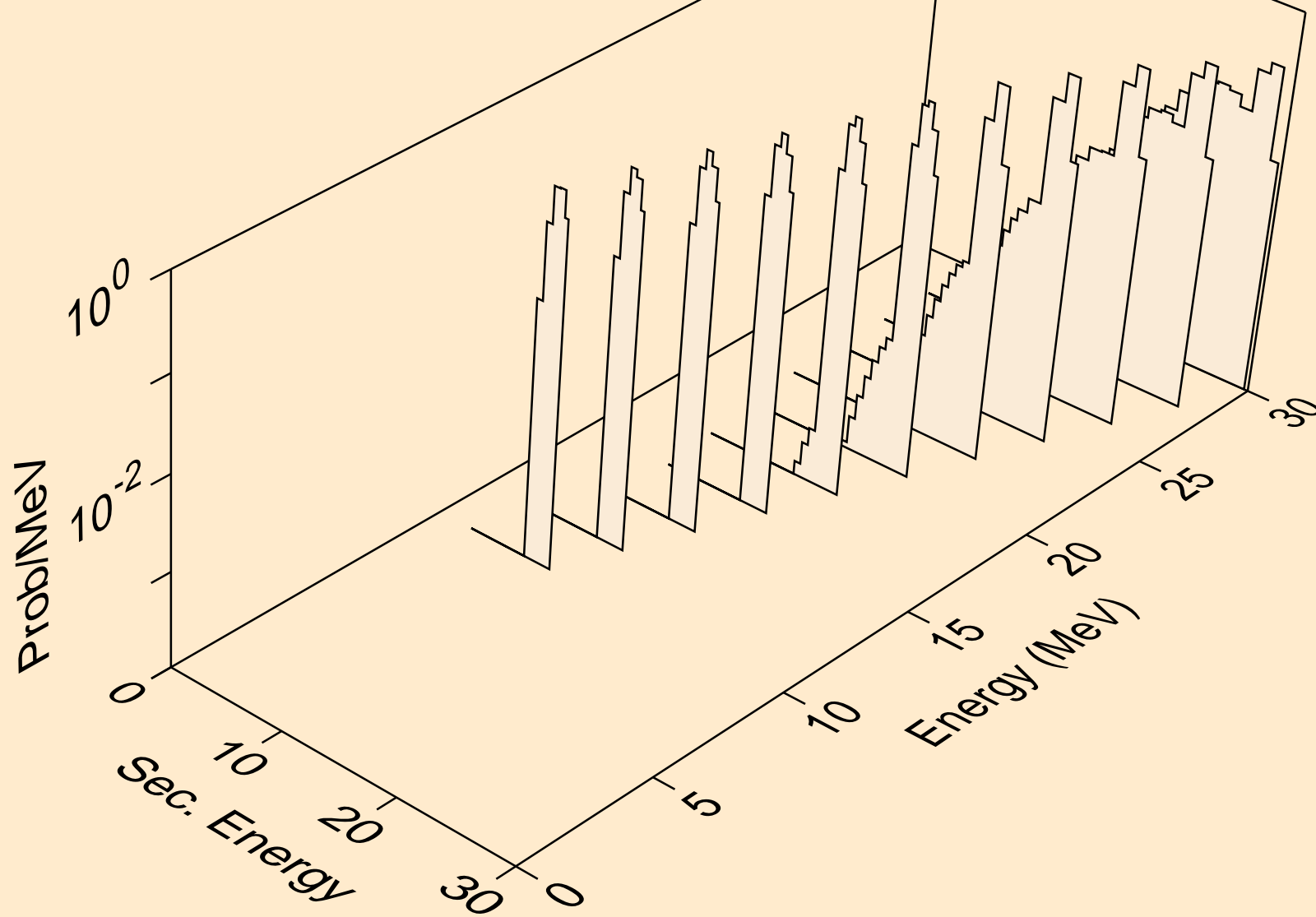
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
He-3 emission for (s,x)



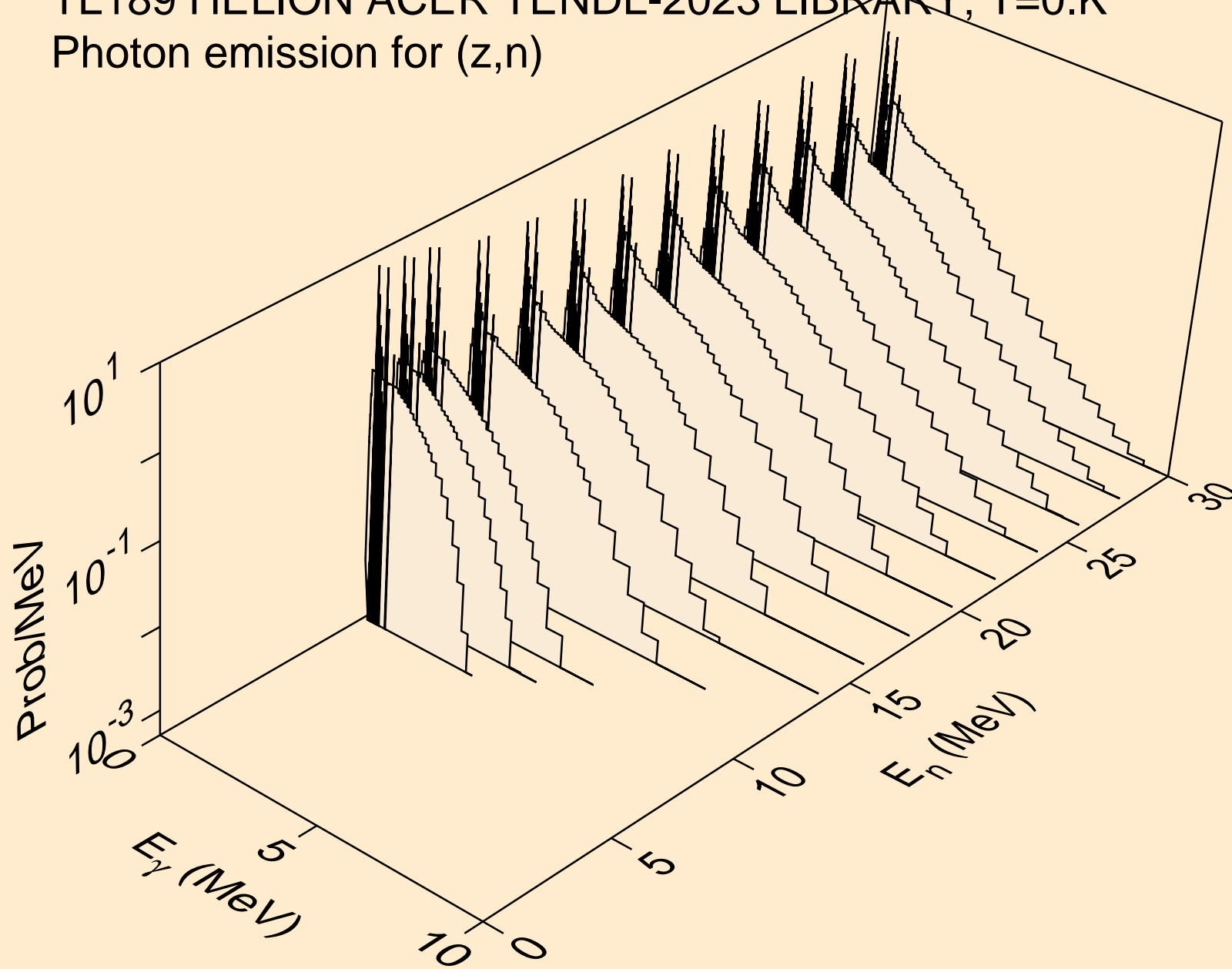
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
He-3 emission for (s,n*)he3



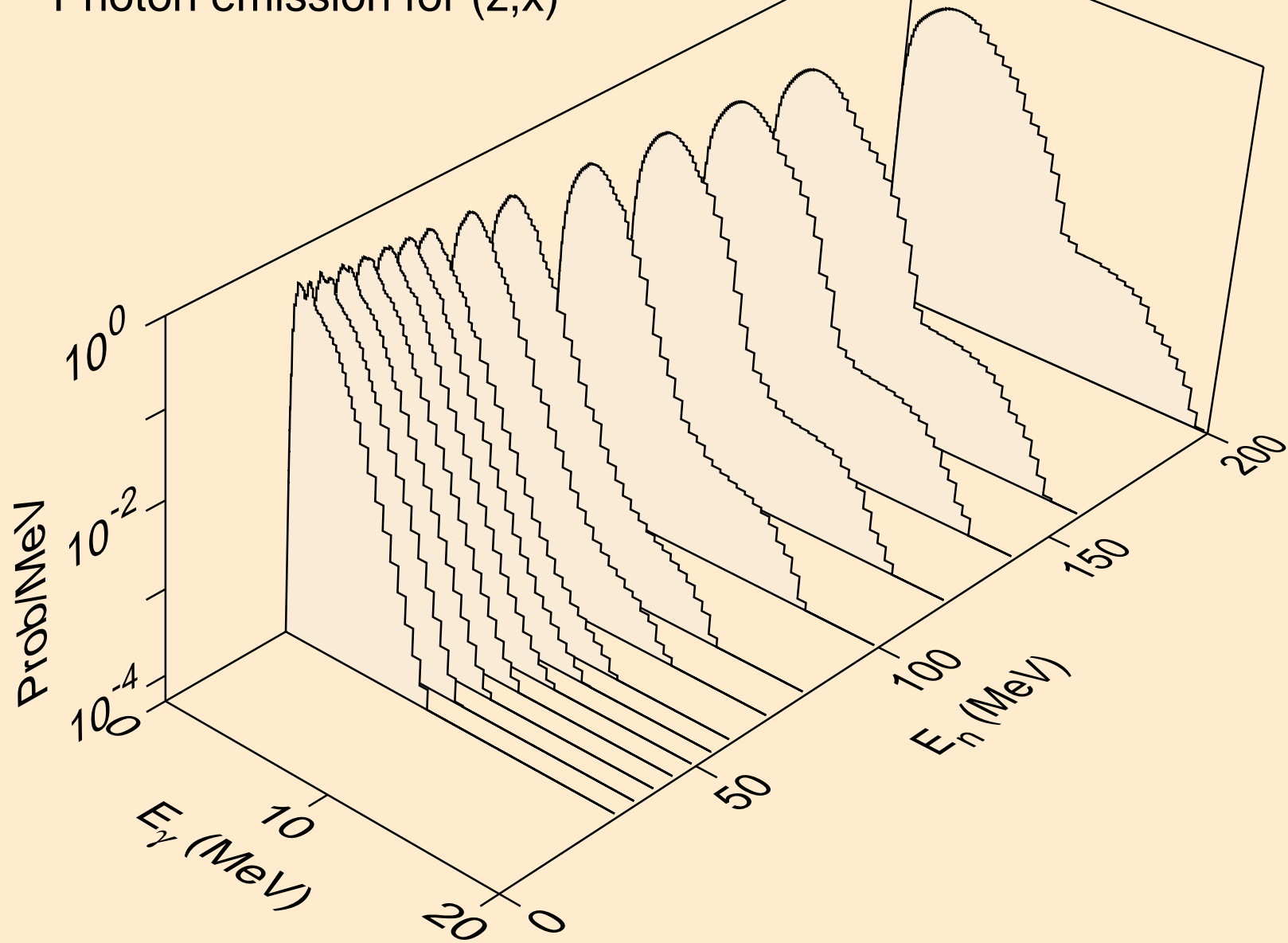
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
He-3 emission for inelastic



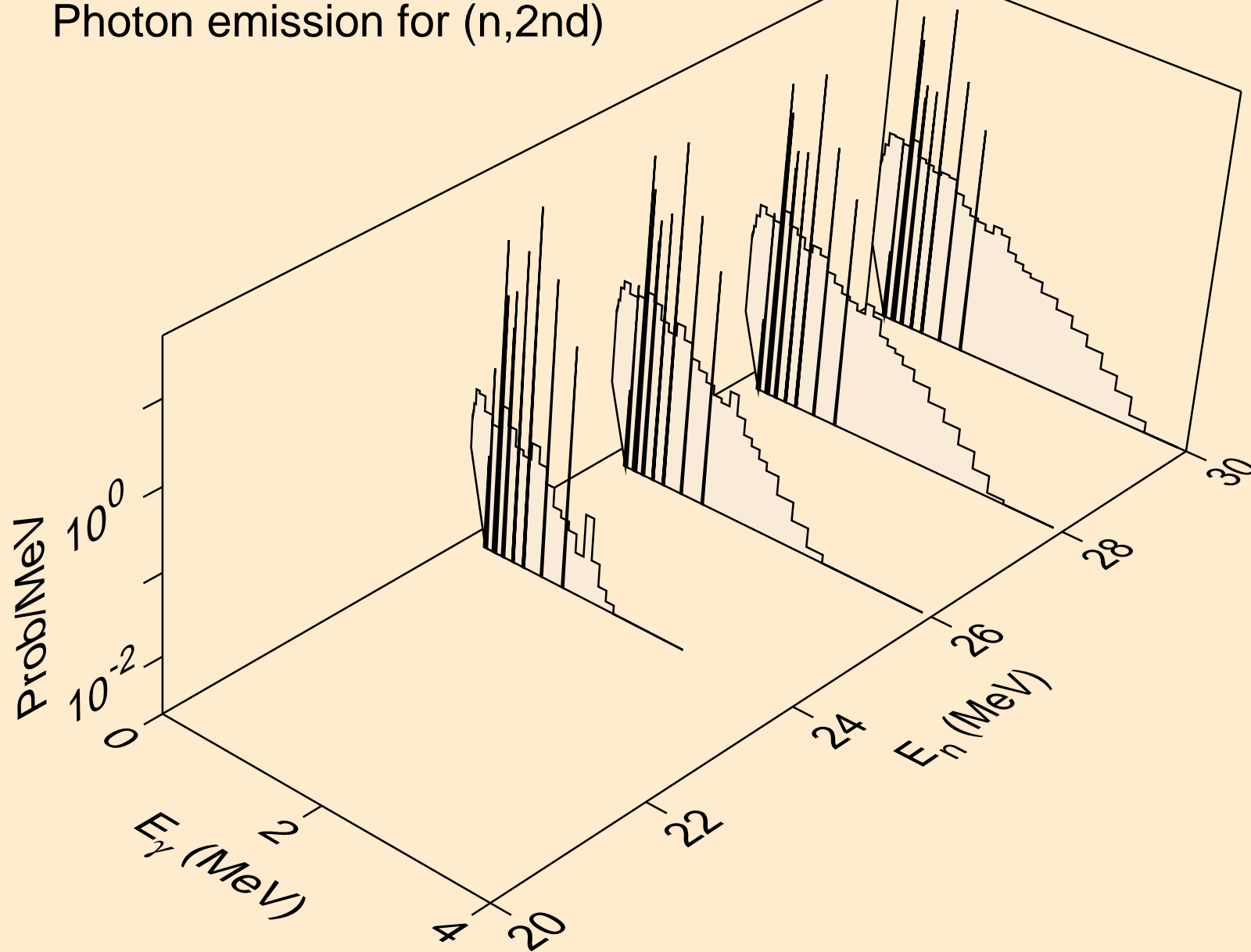
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (z,n)



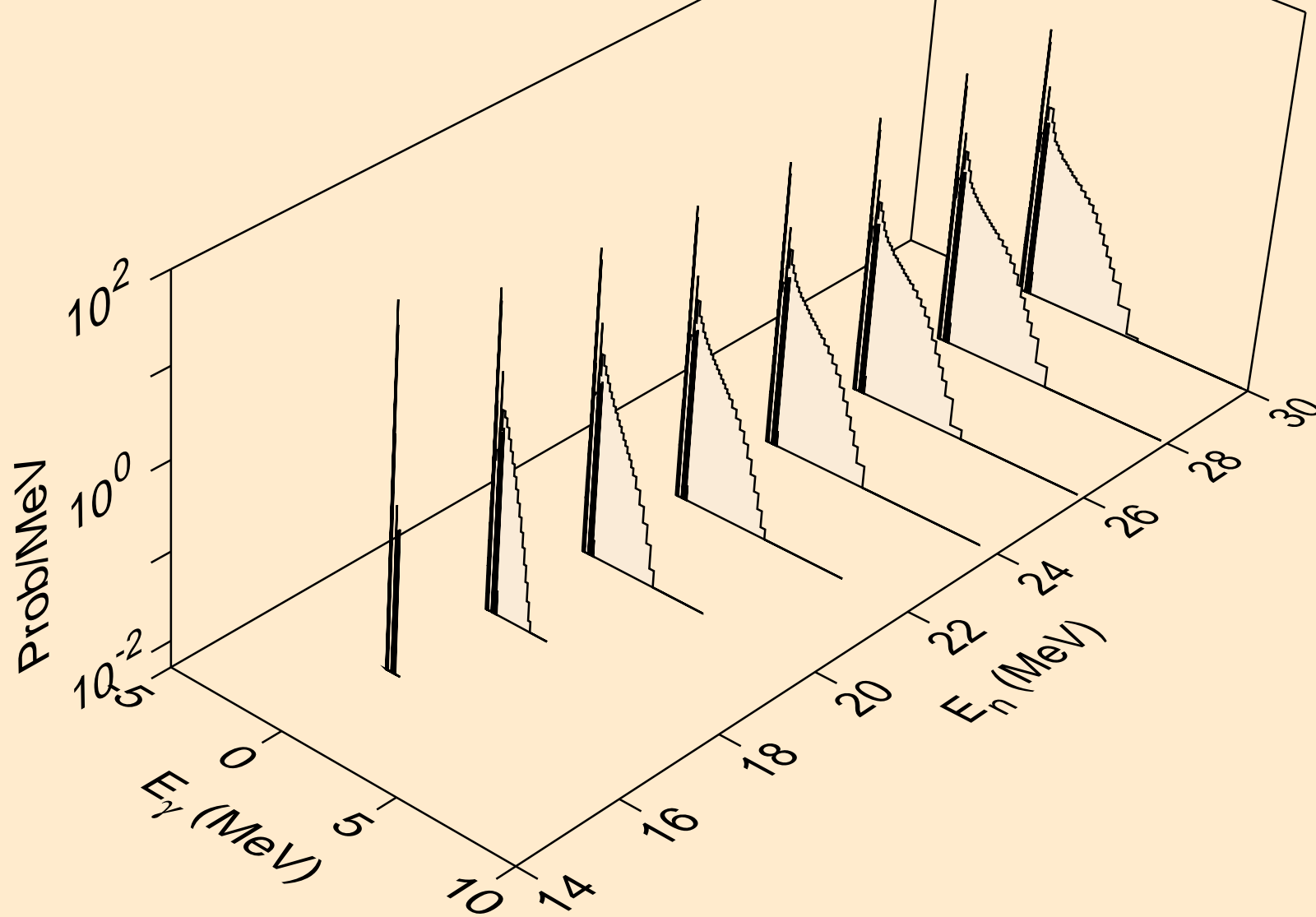
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (z,x)



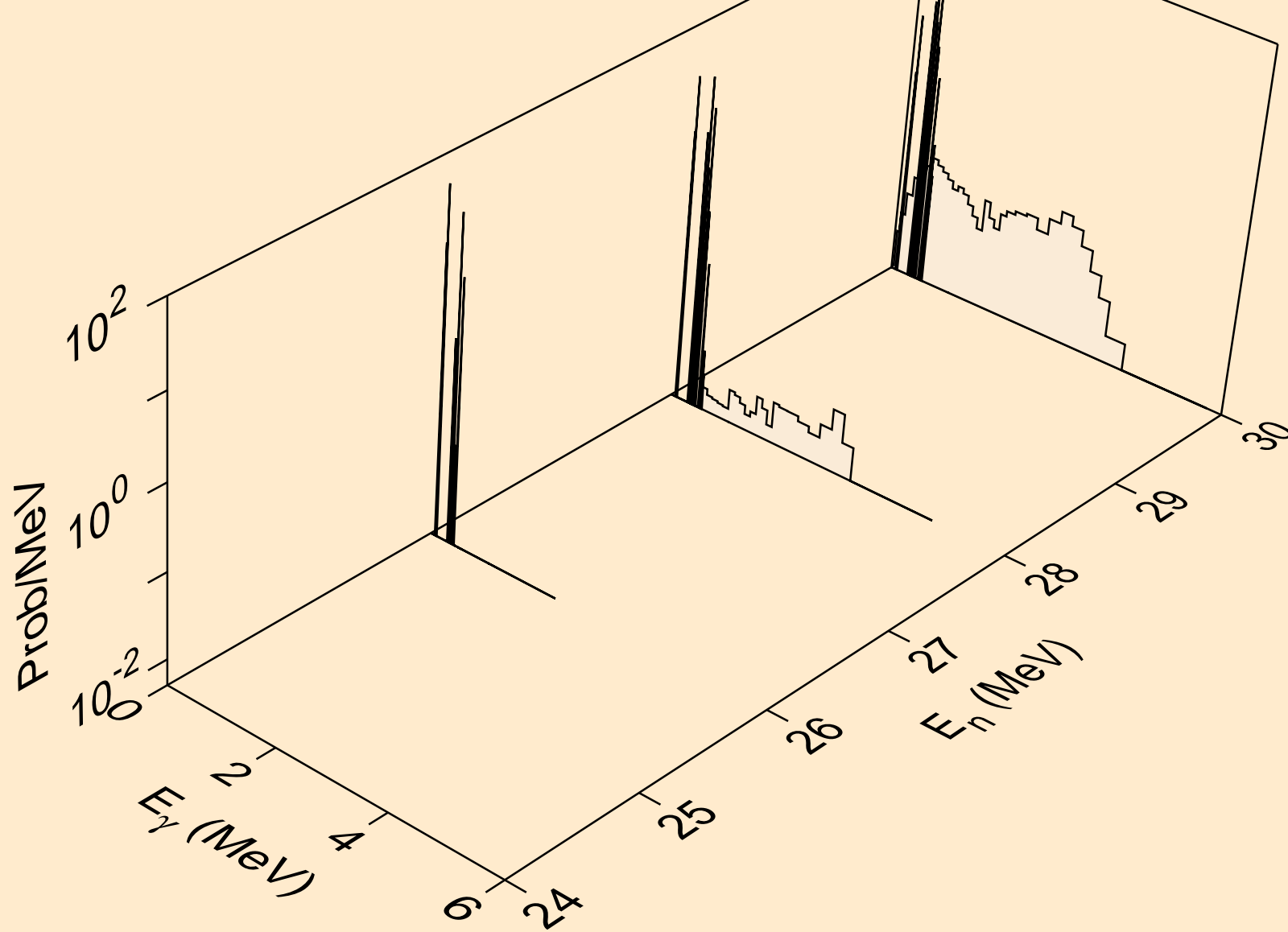
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2nd)



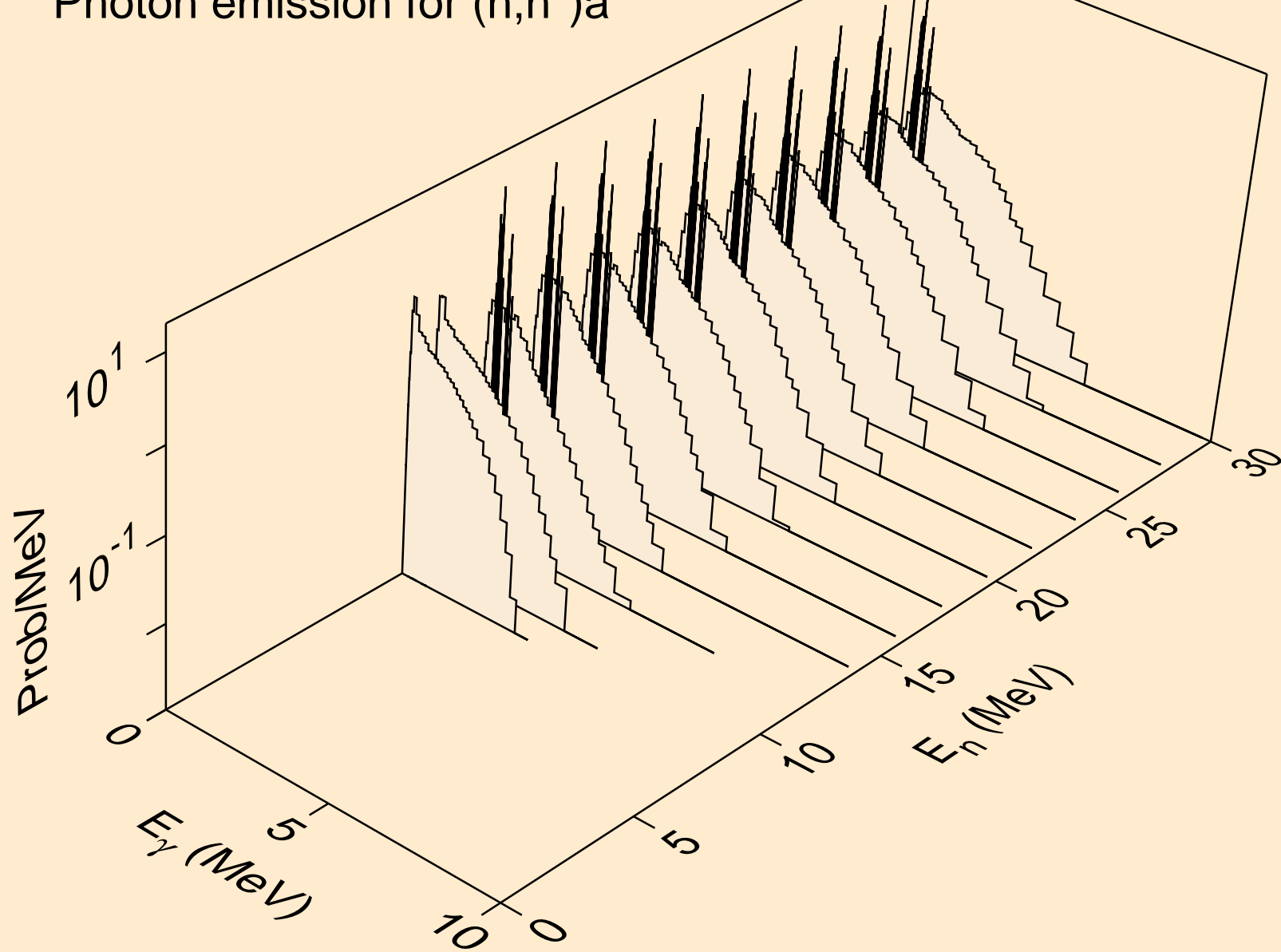
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)



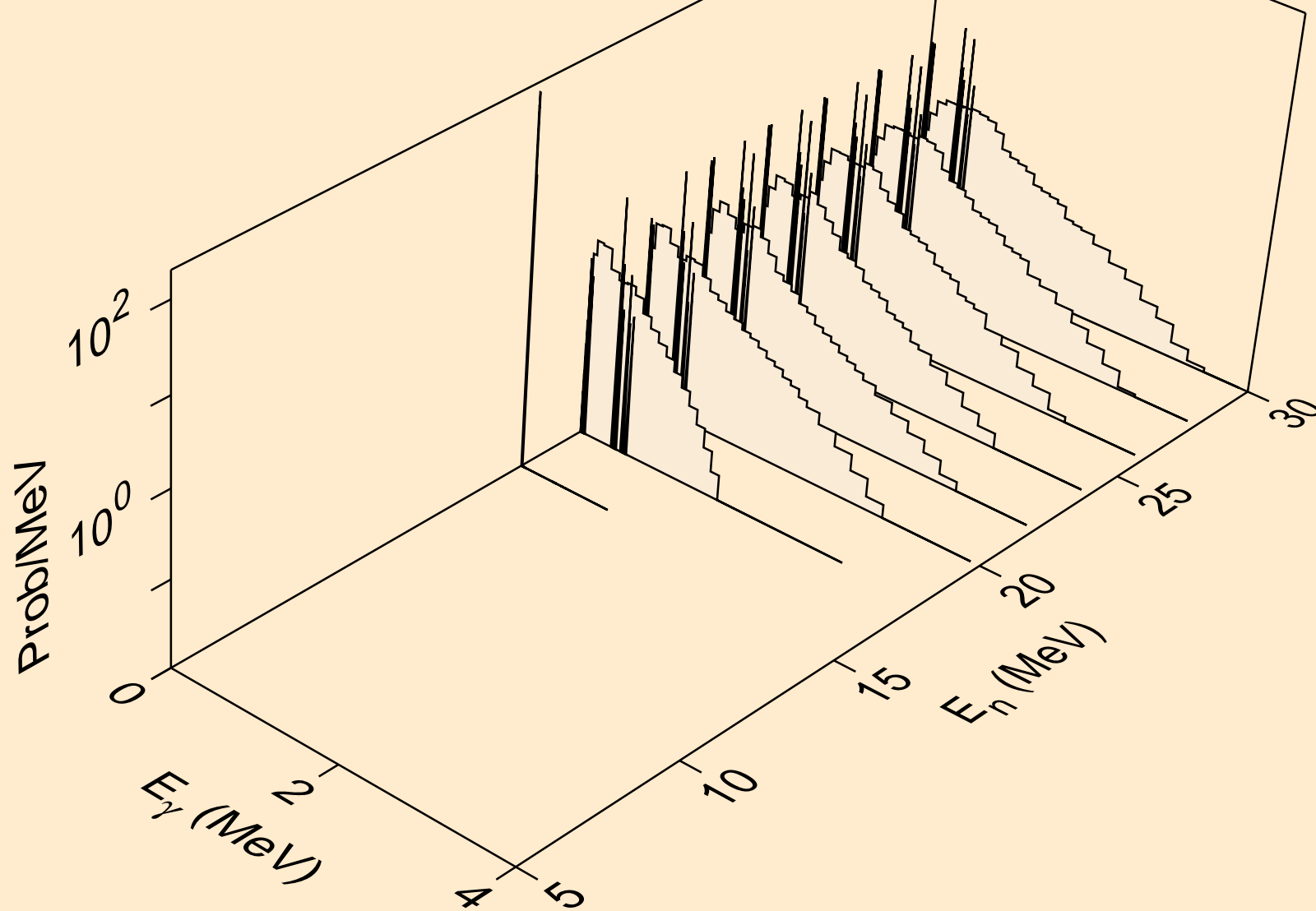
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)



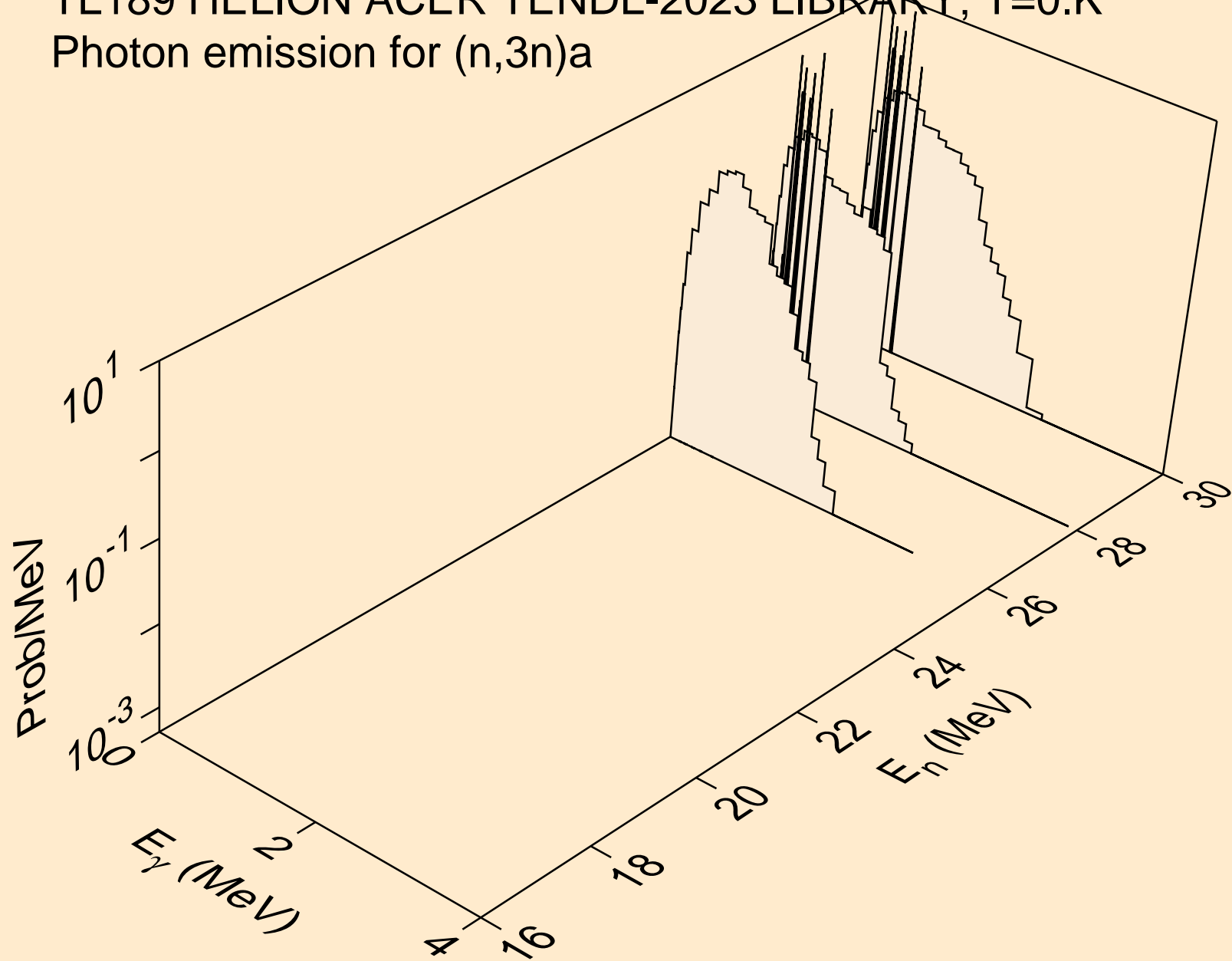
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)a



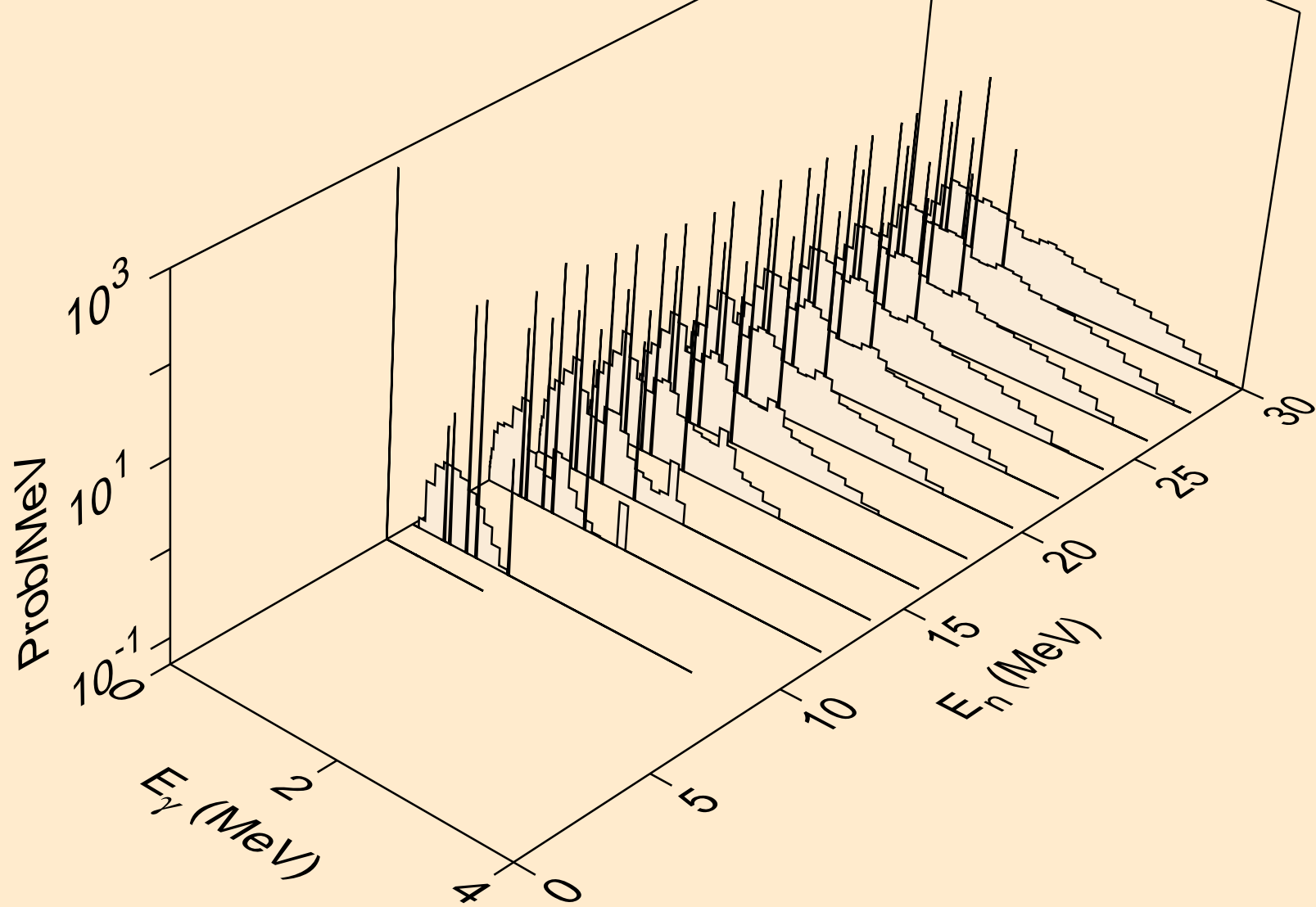
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)a



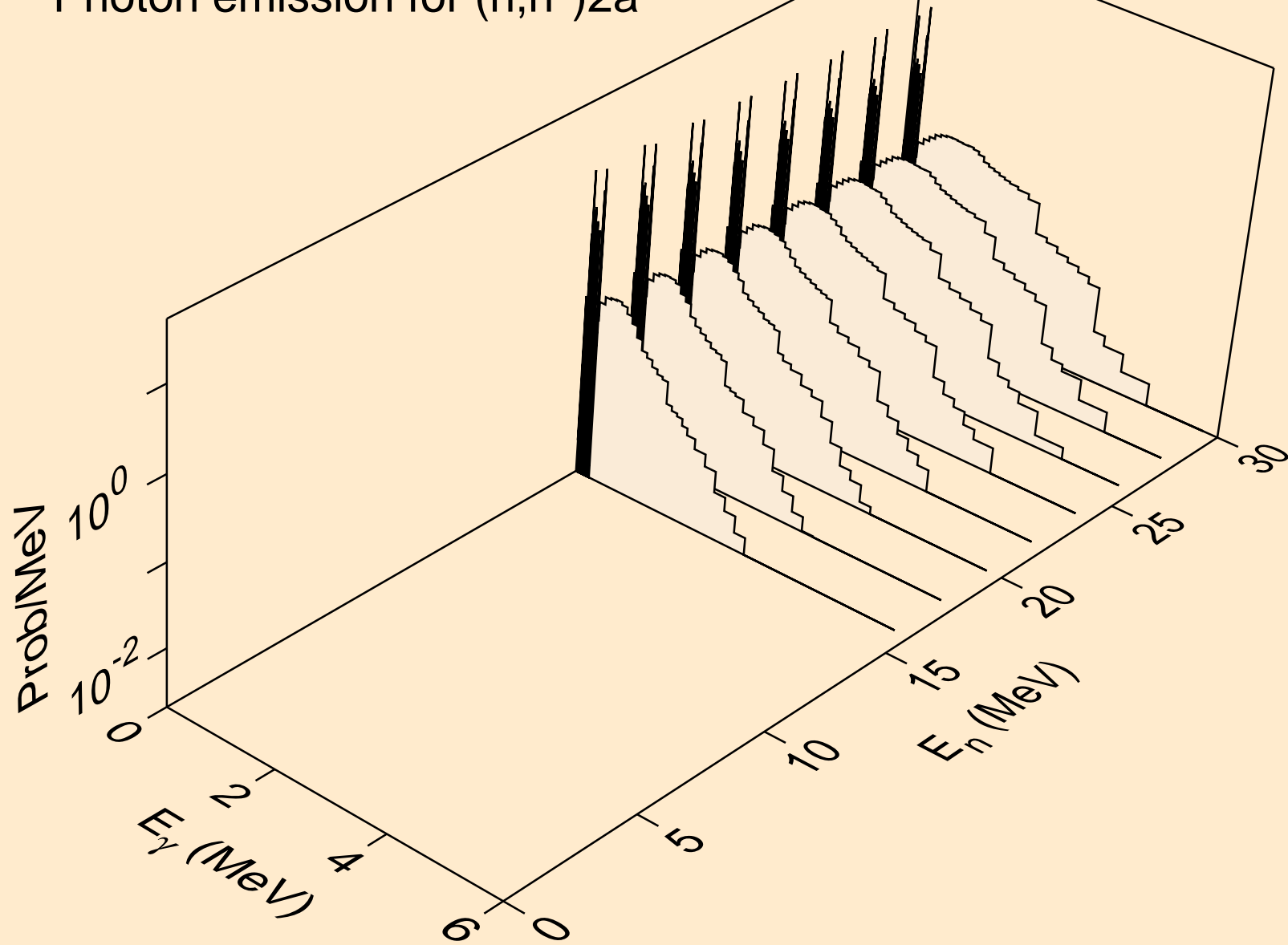
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)a



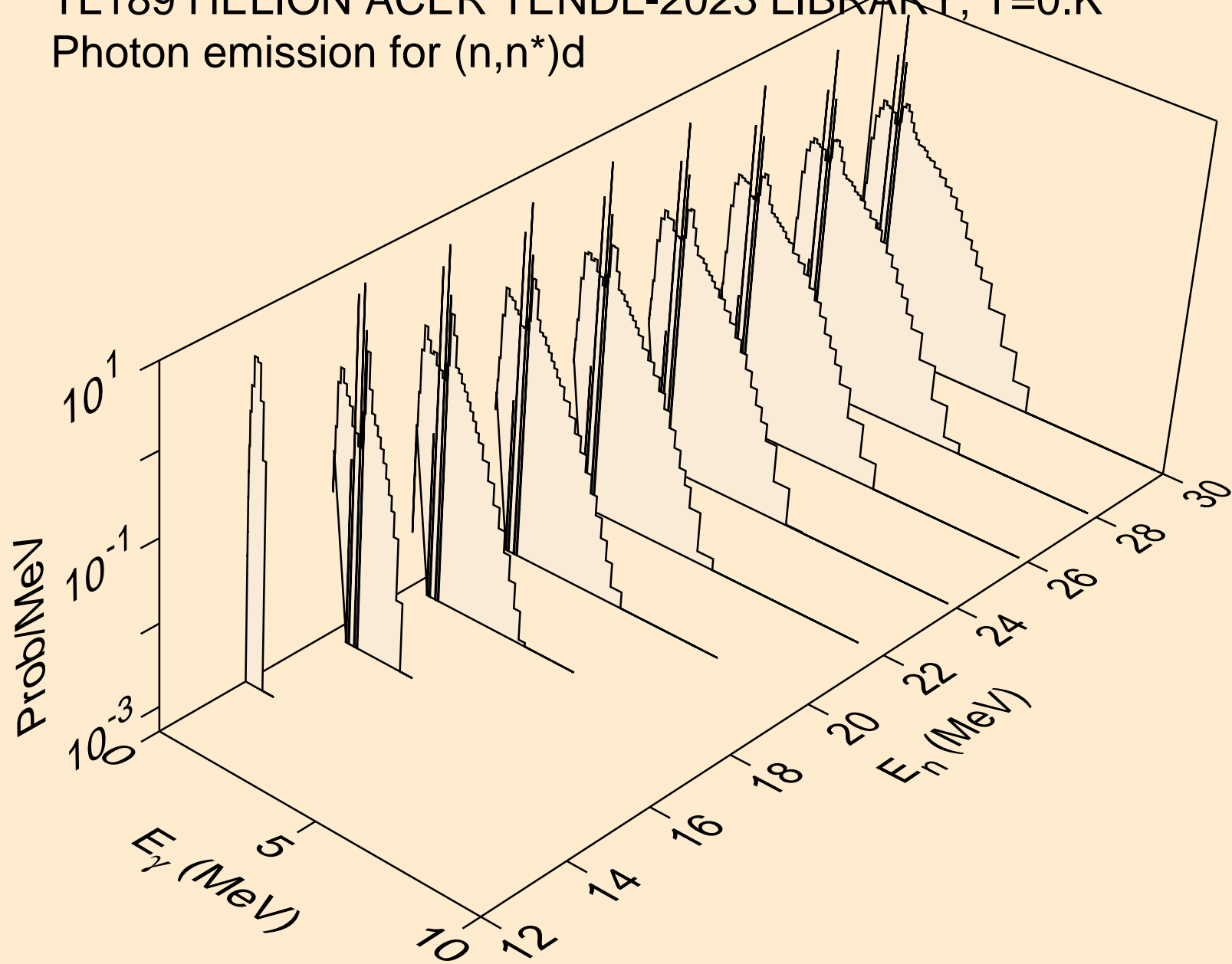
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)p



TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)2a

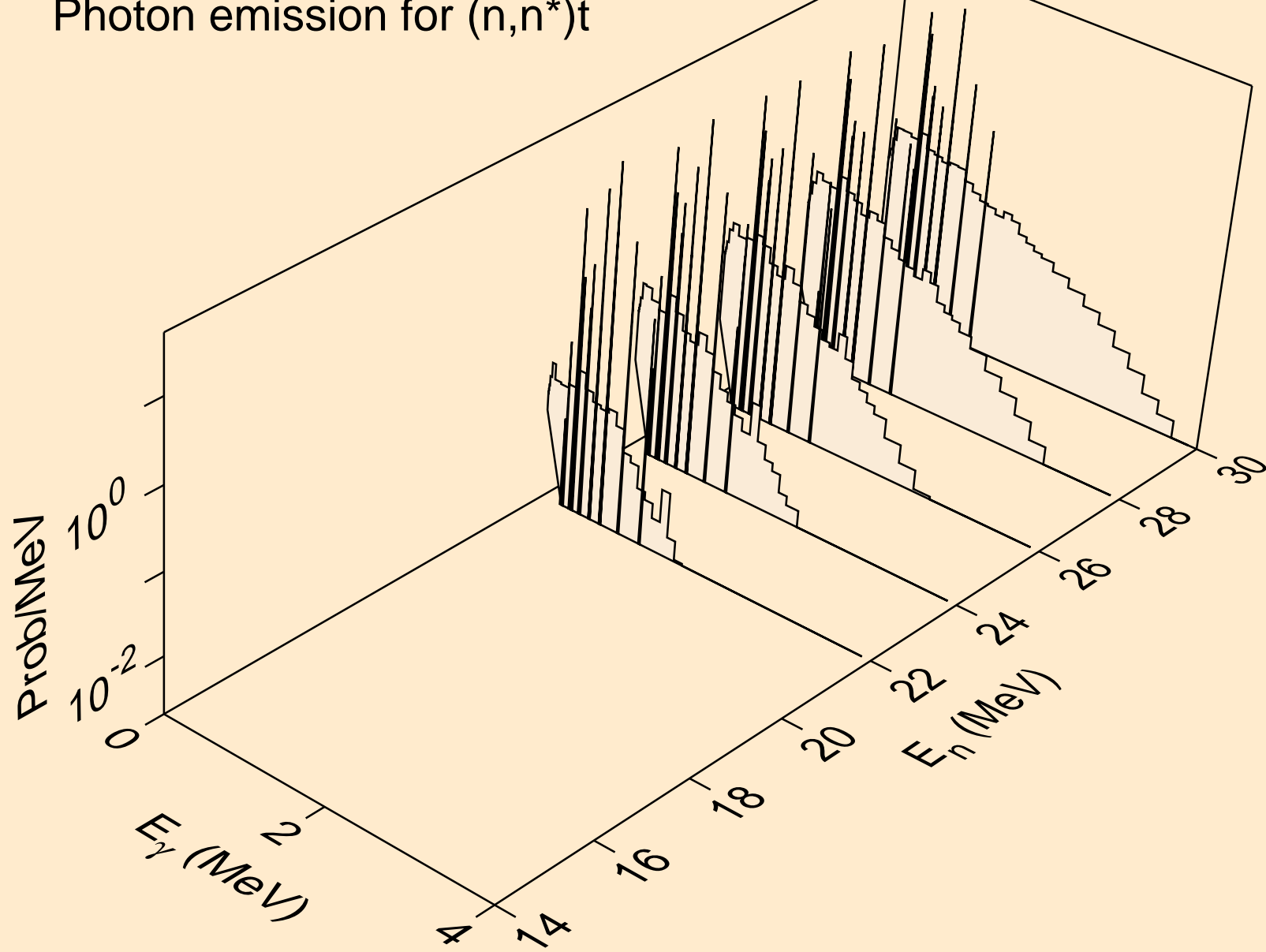


TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)d

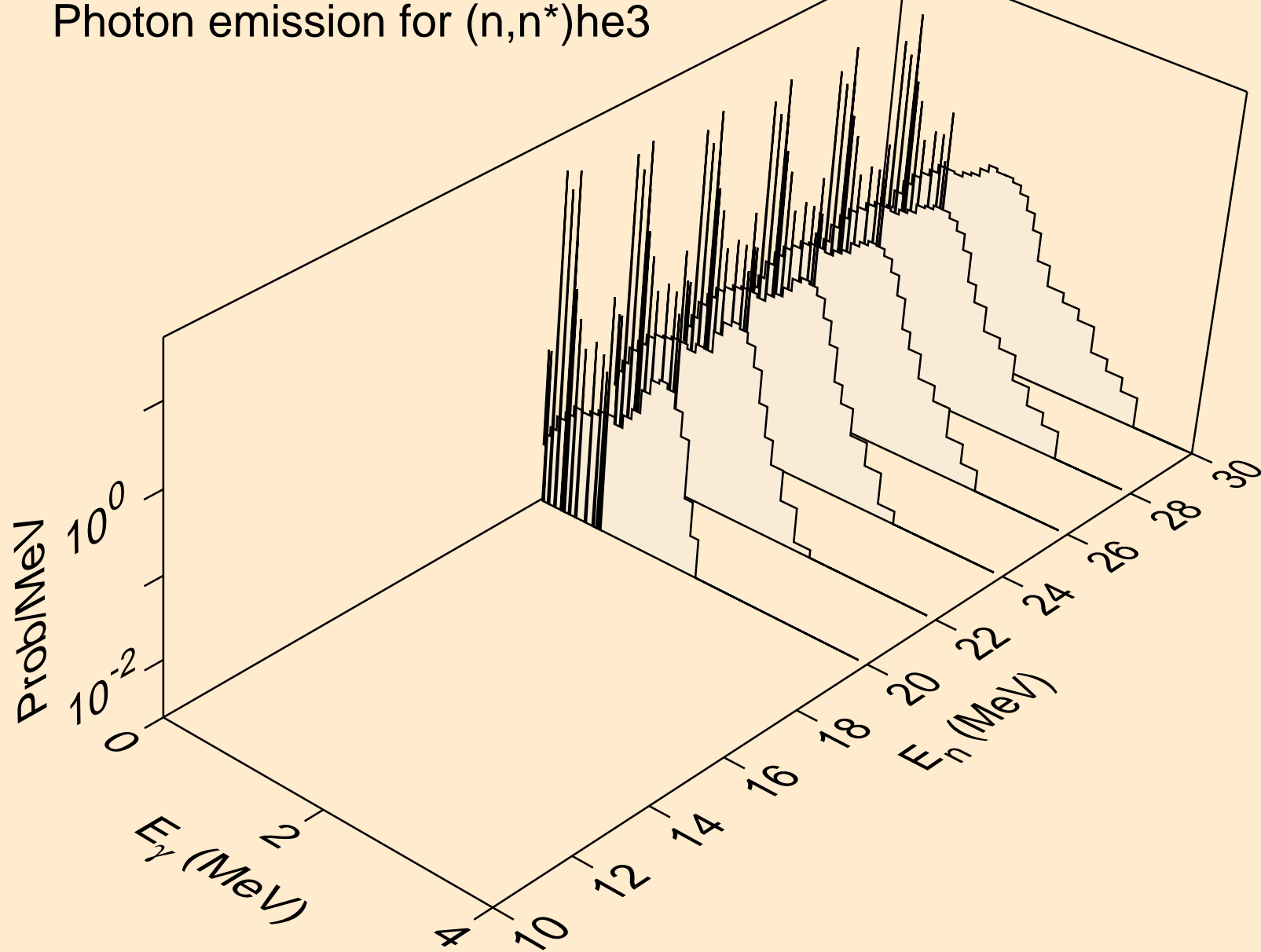


TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K

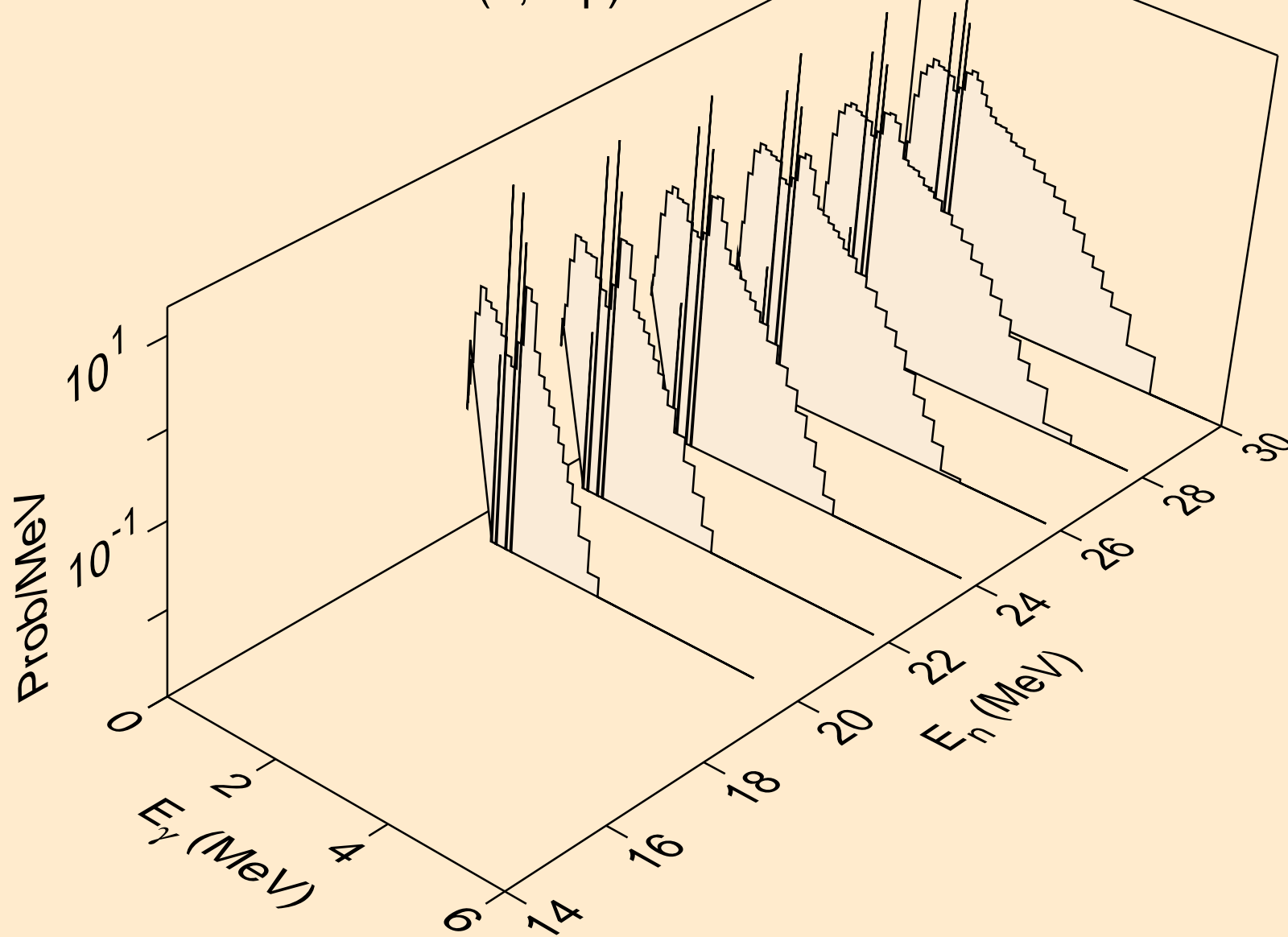
Photon emission for (n,n*)t



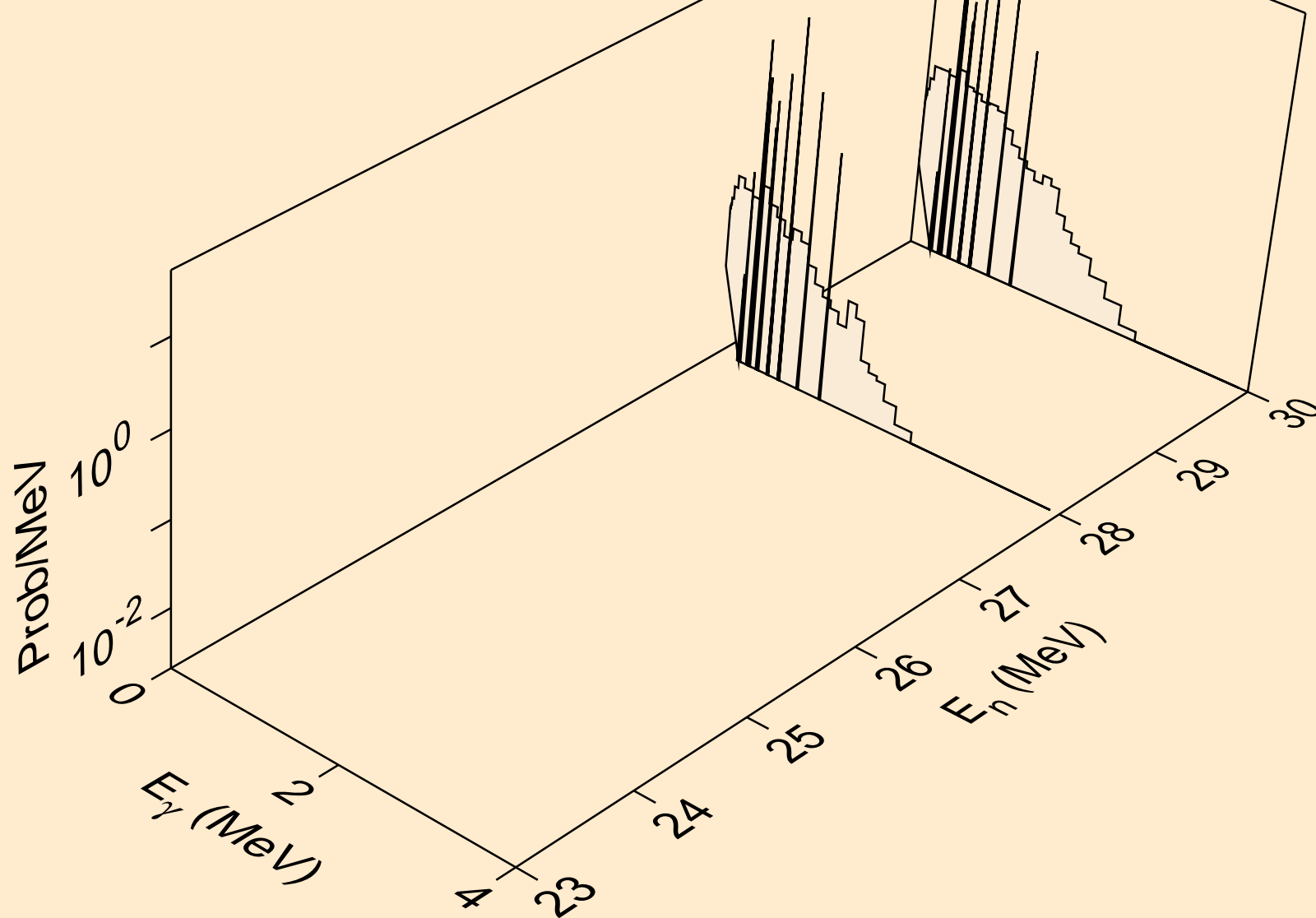
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)he3



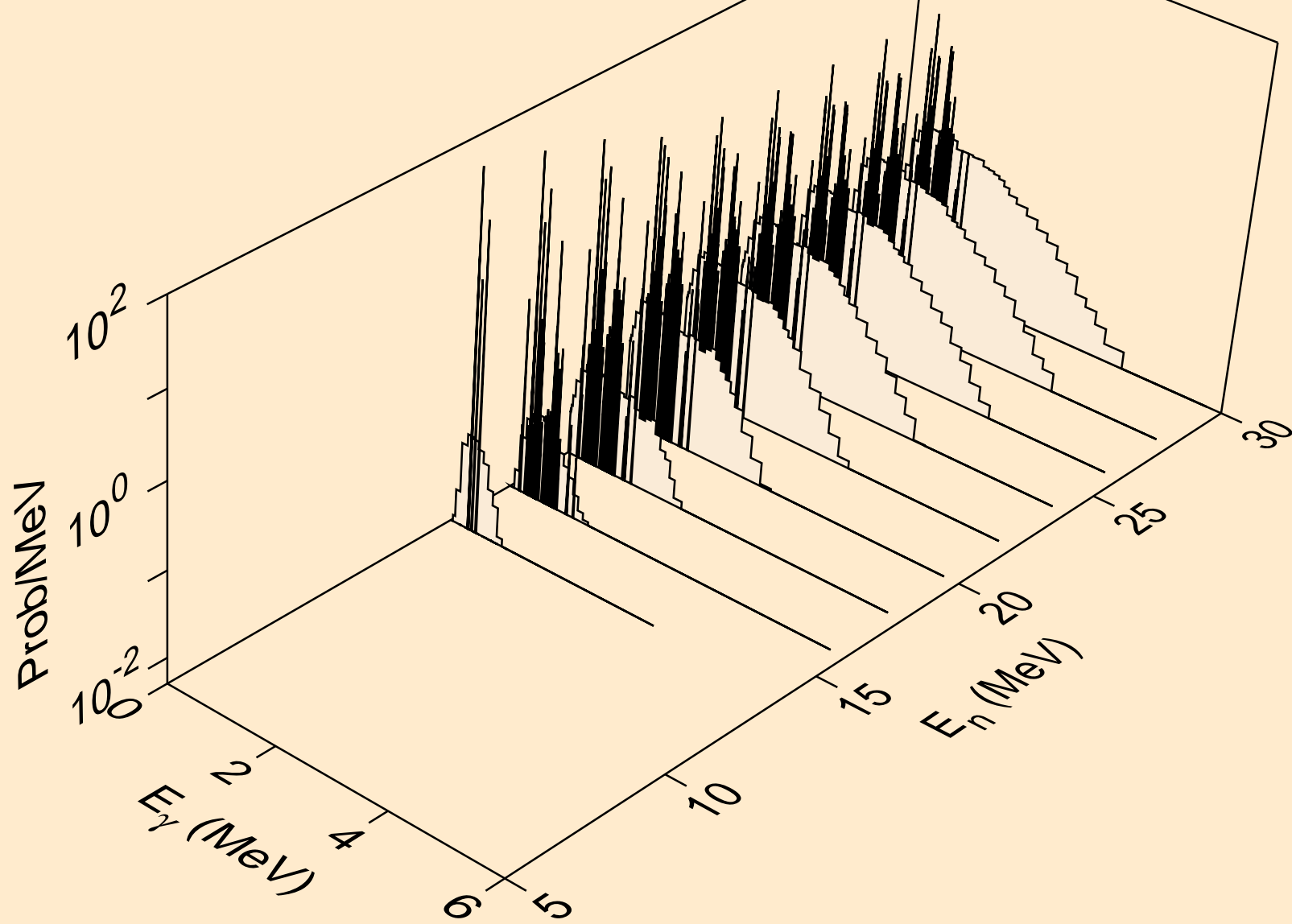
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2np)



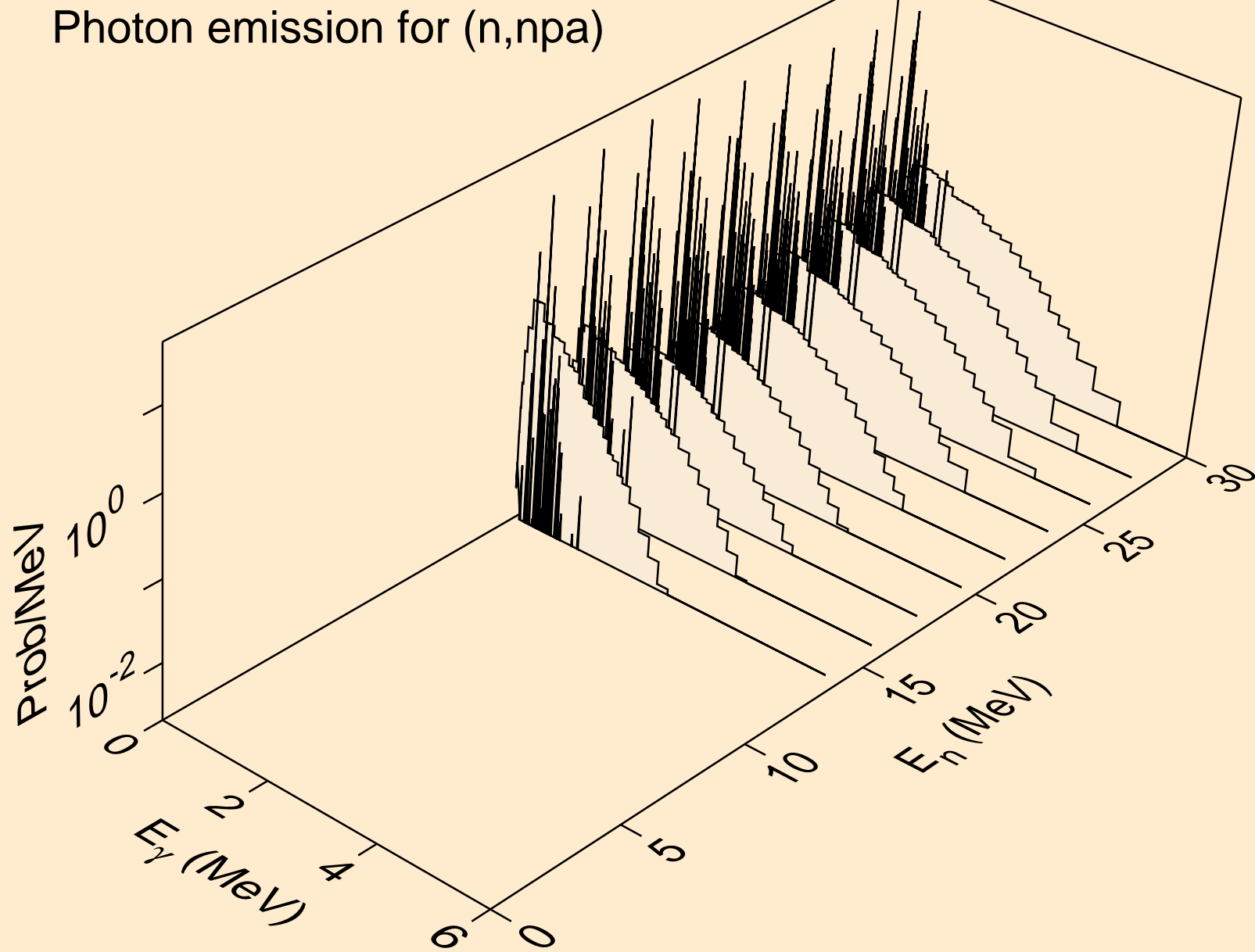
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3np)



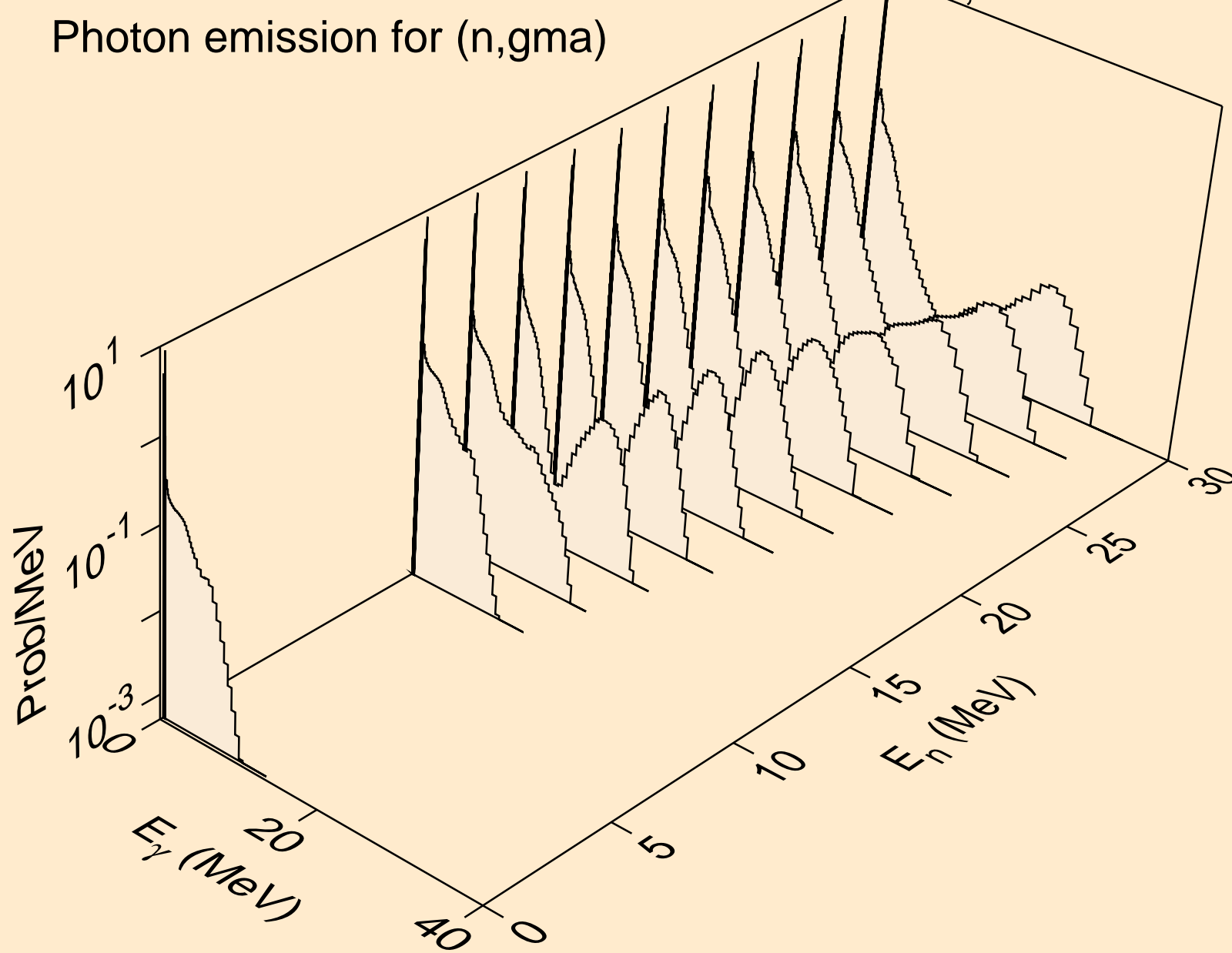
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n2p)



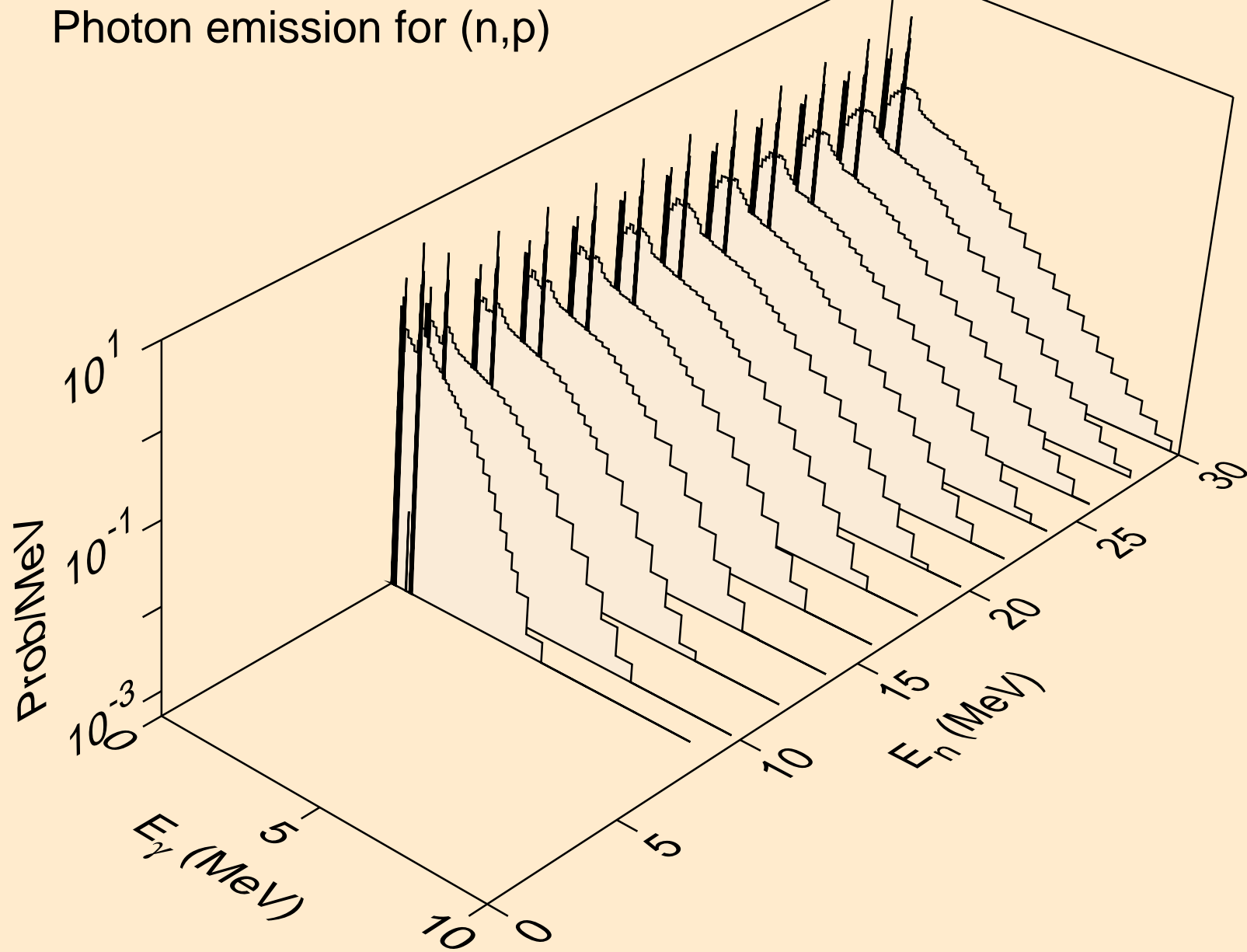
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,npa)



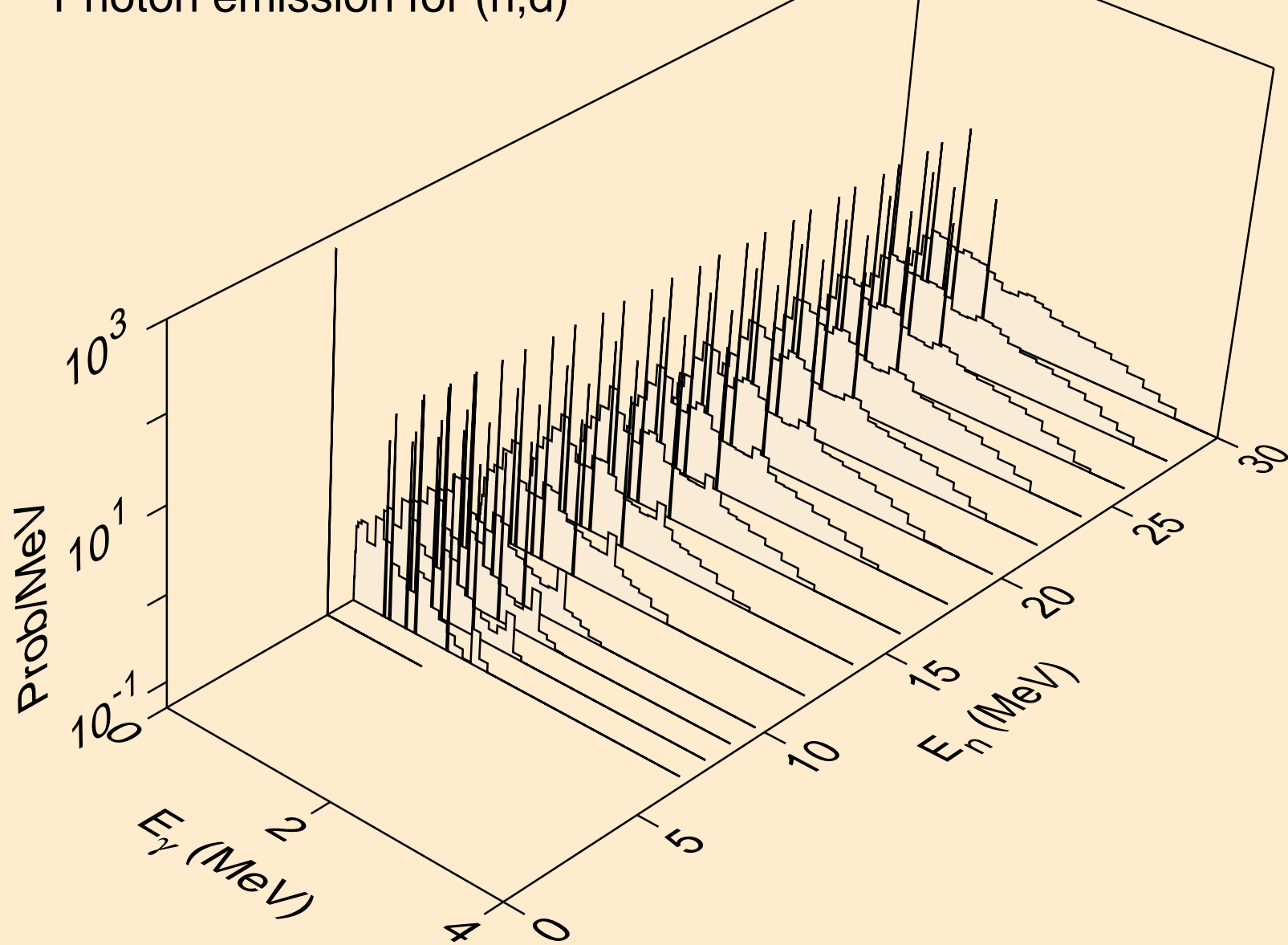
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



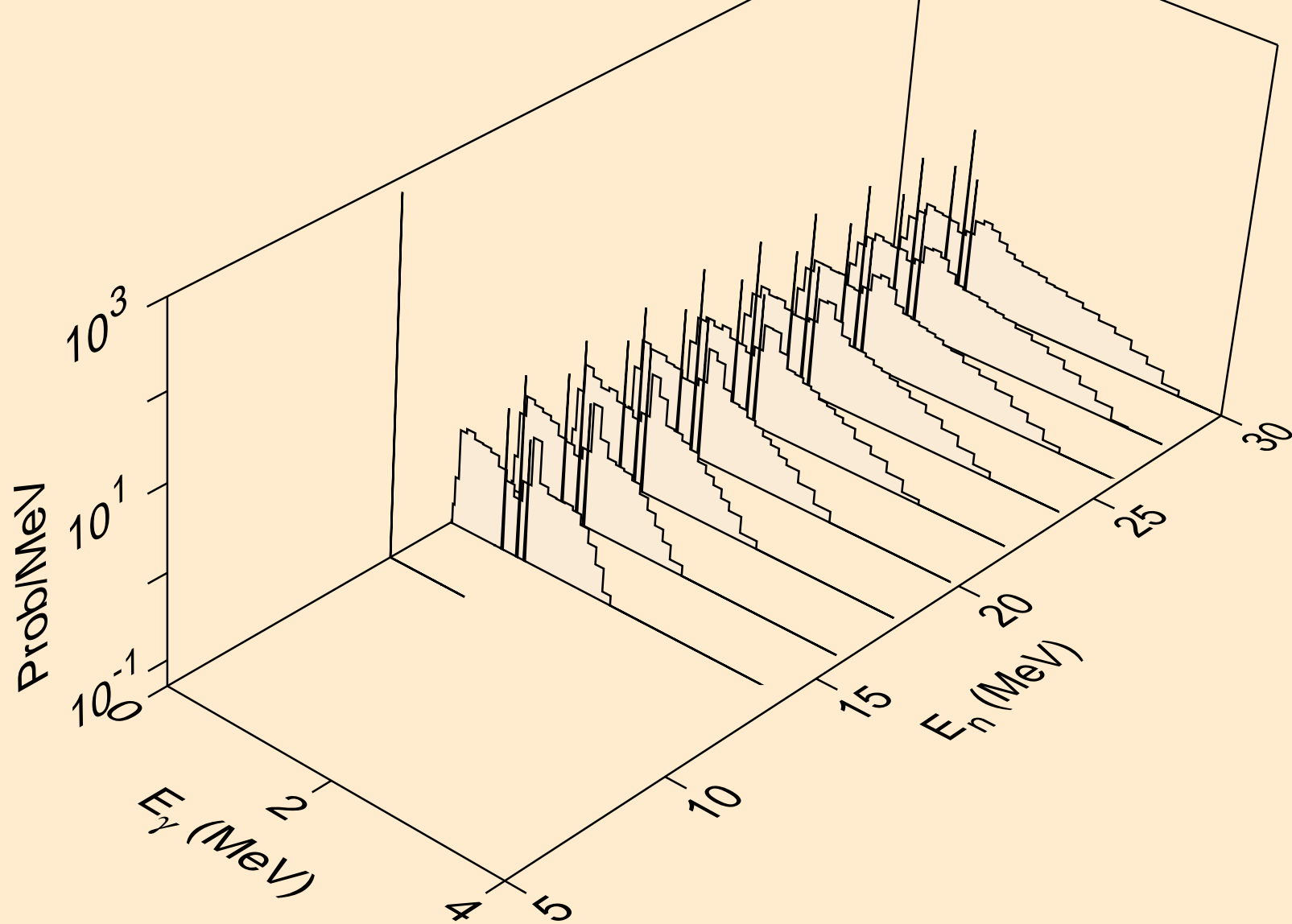
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p)



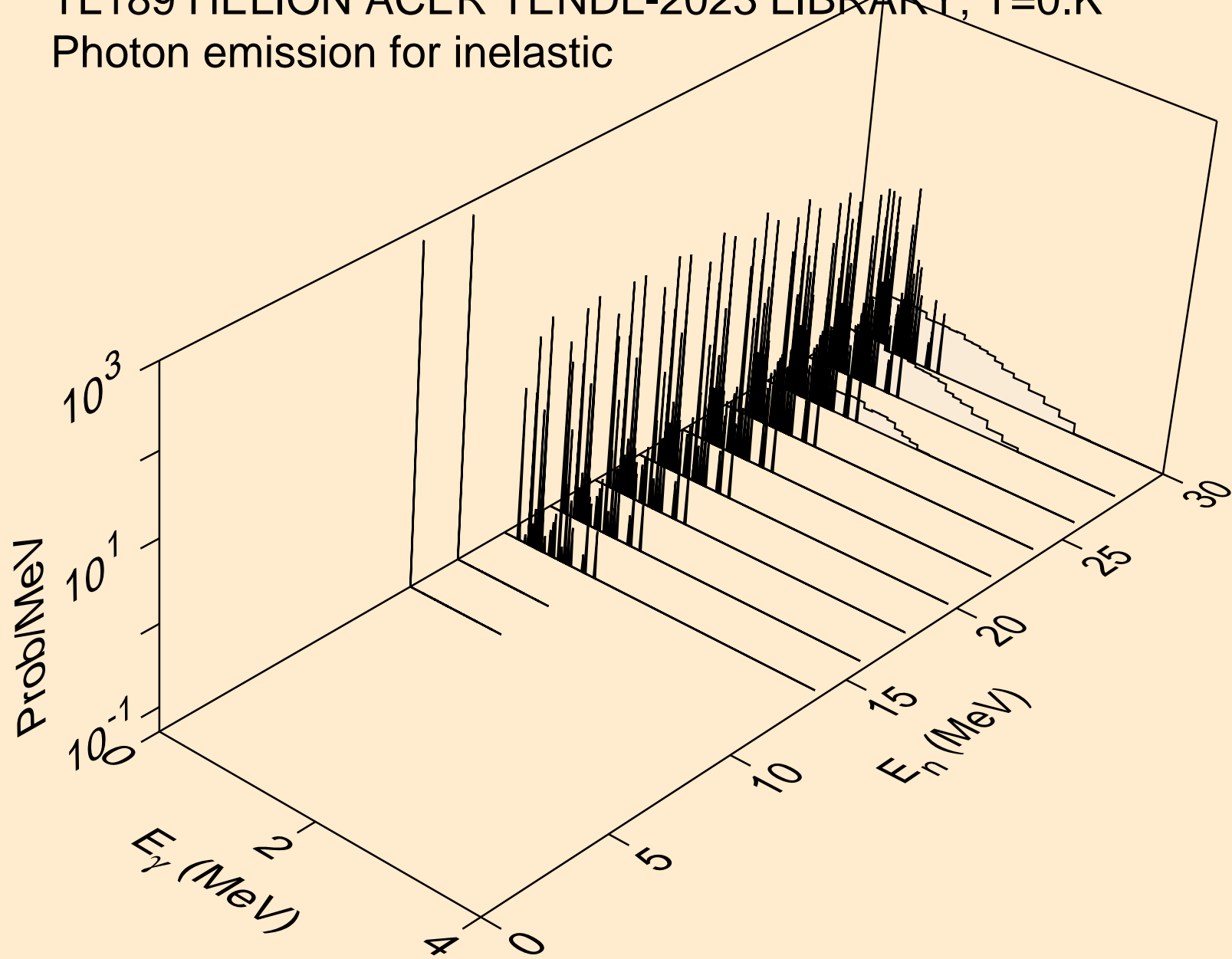
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)



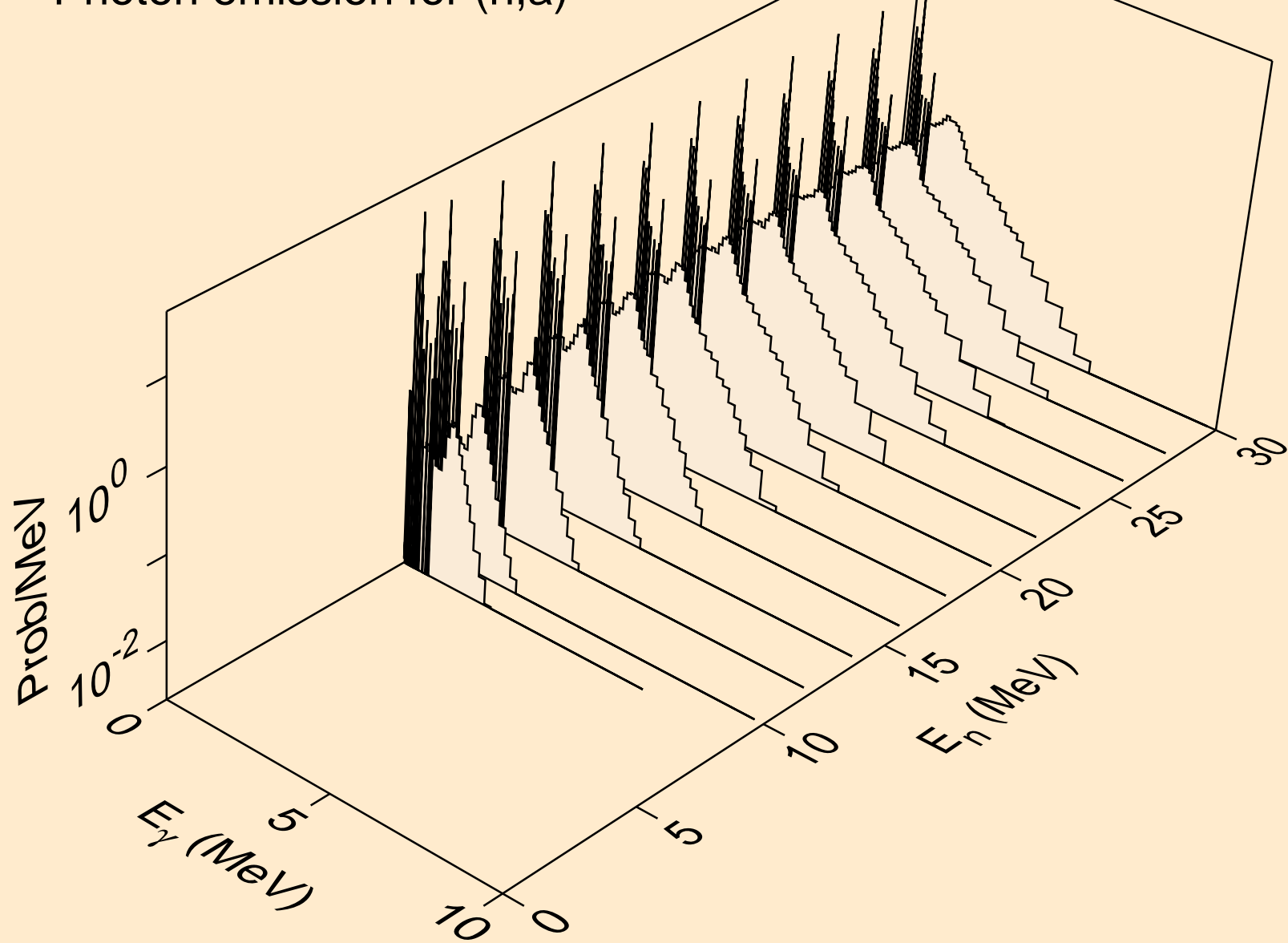
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)



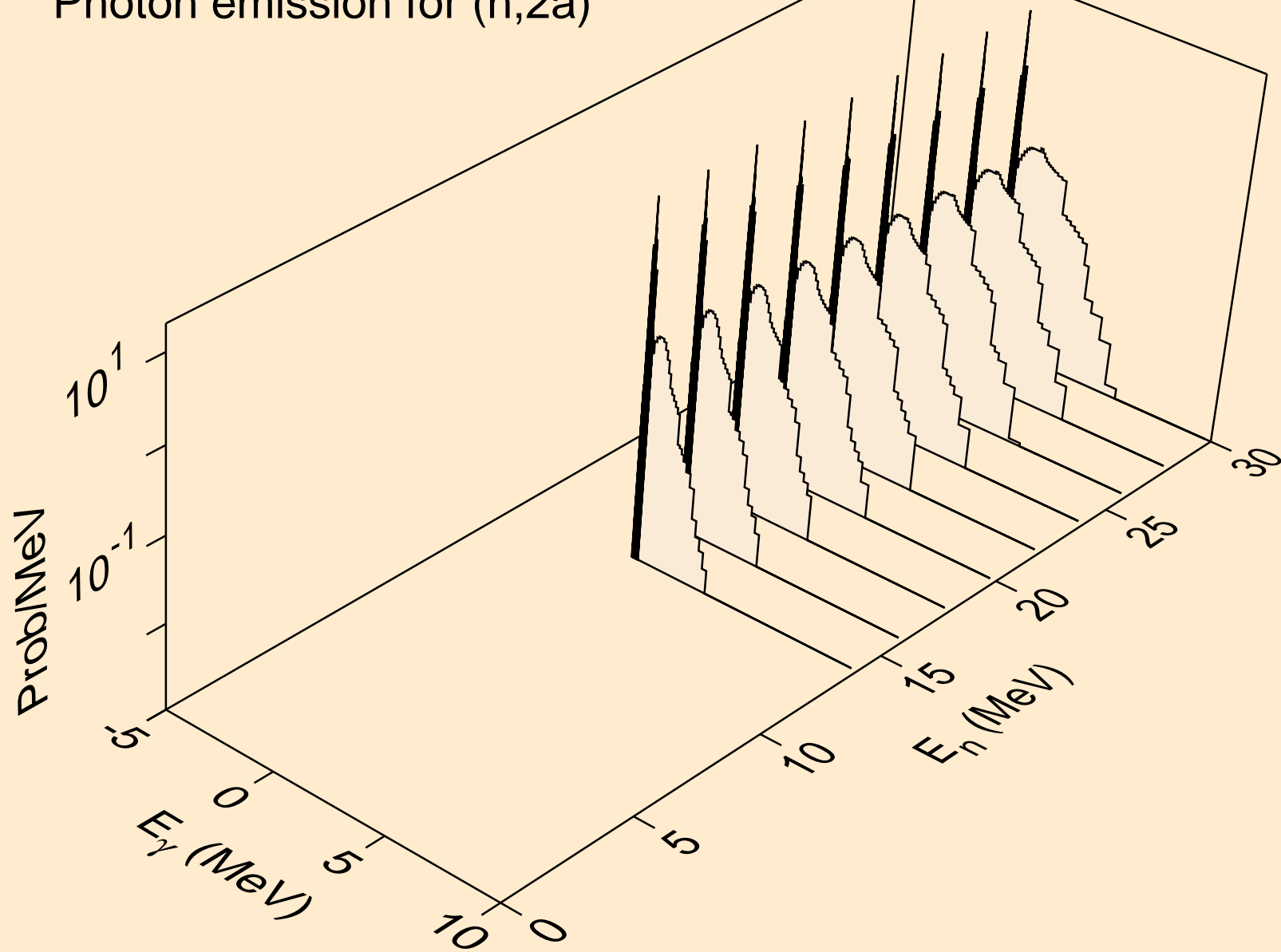
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for inelastic



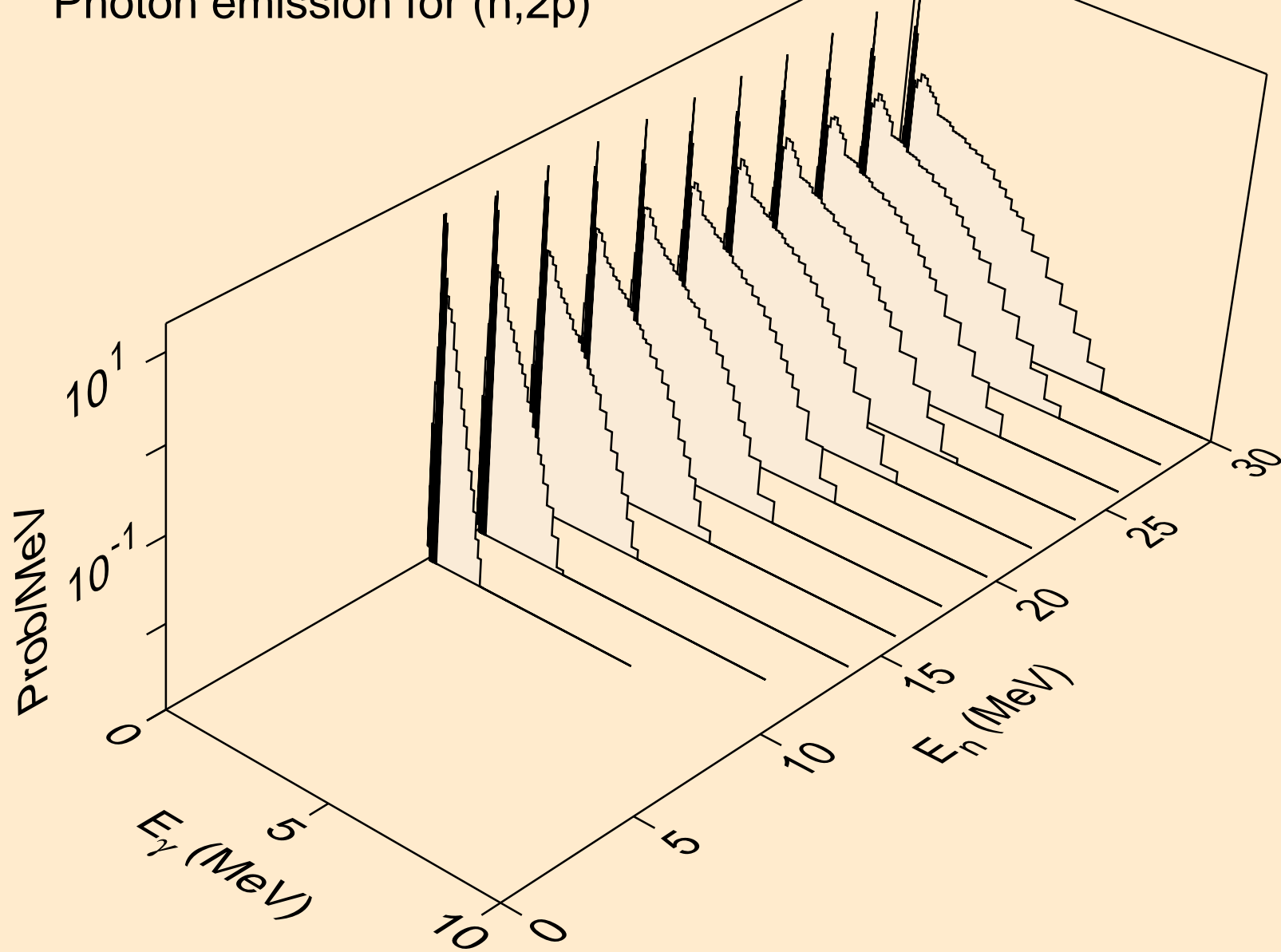
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,a)



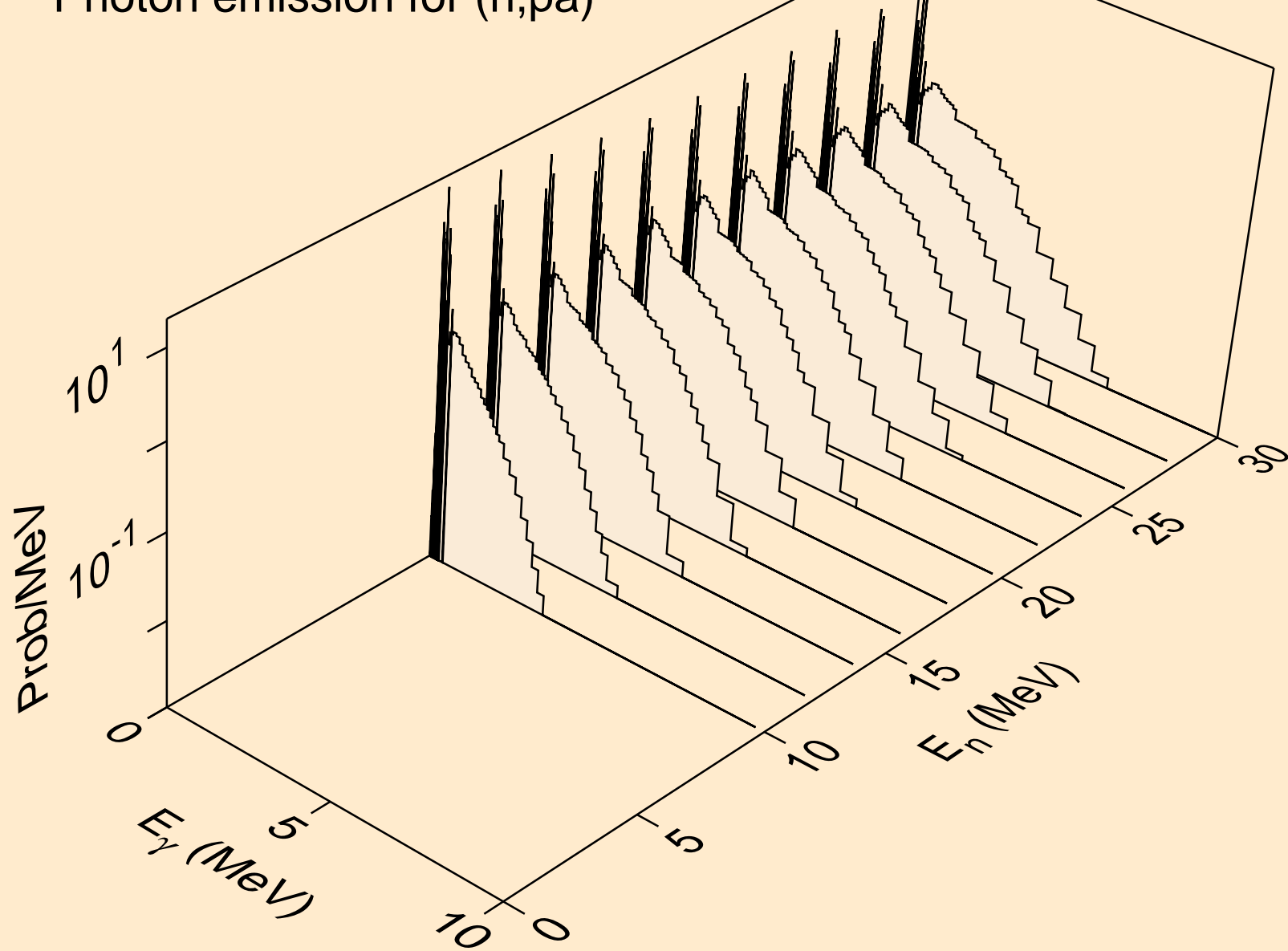
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2a)



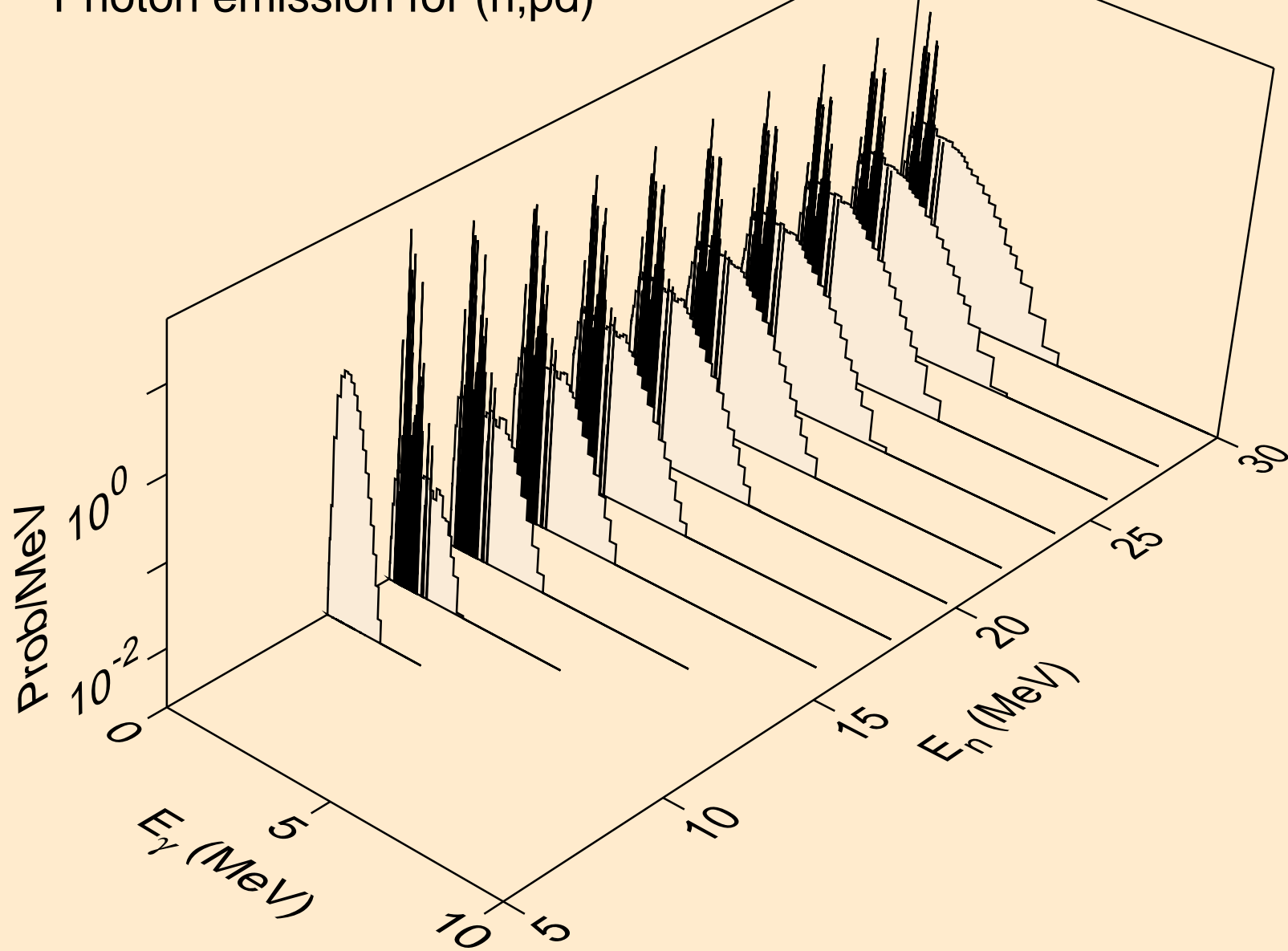
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2p)



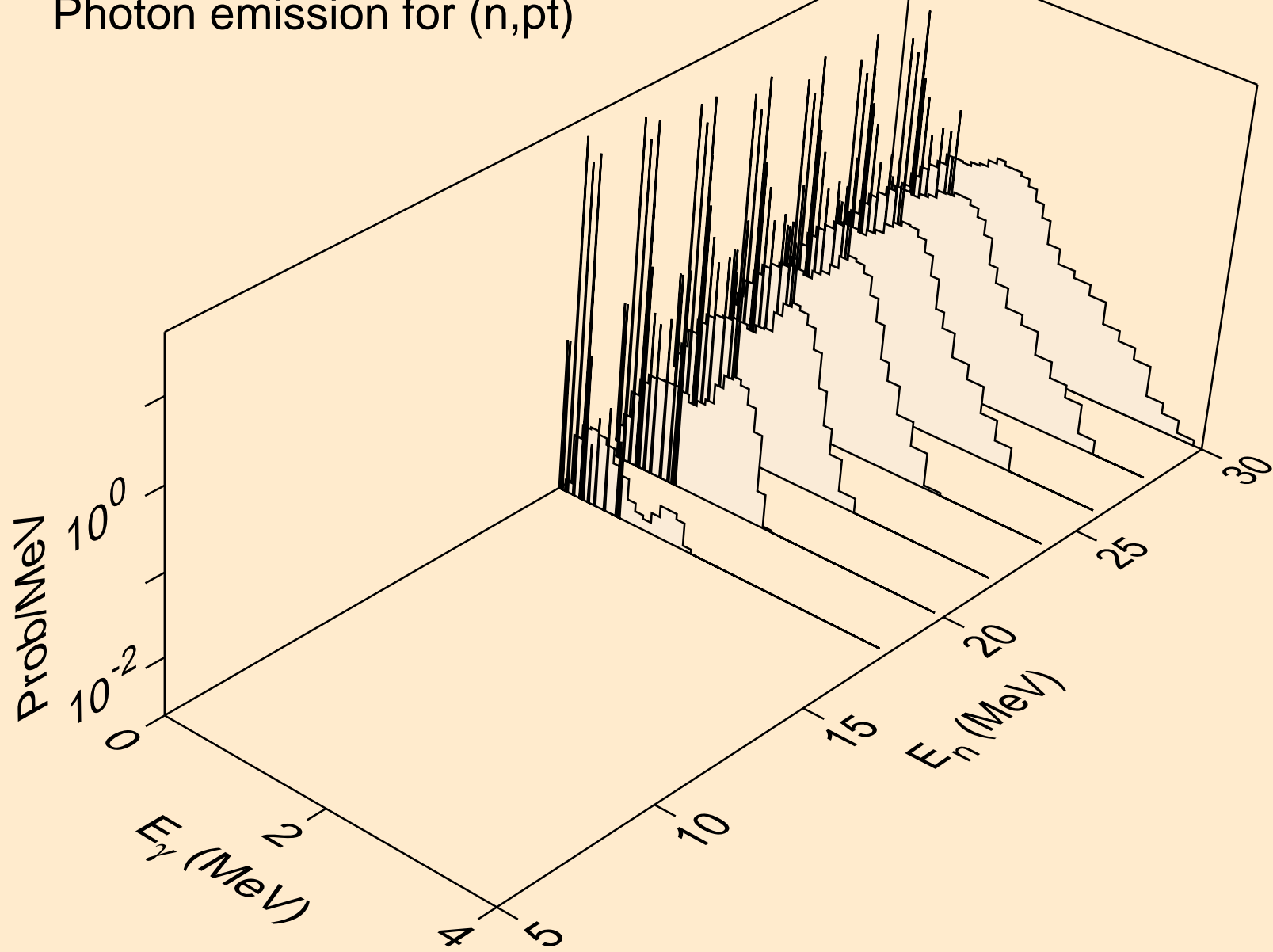
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p)



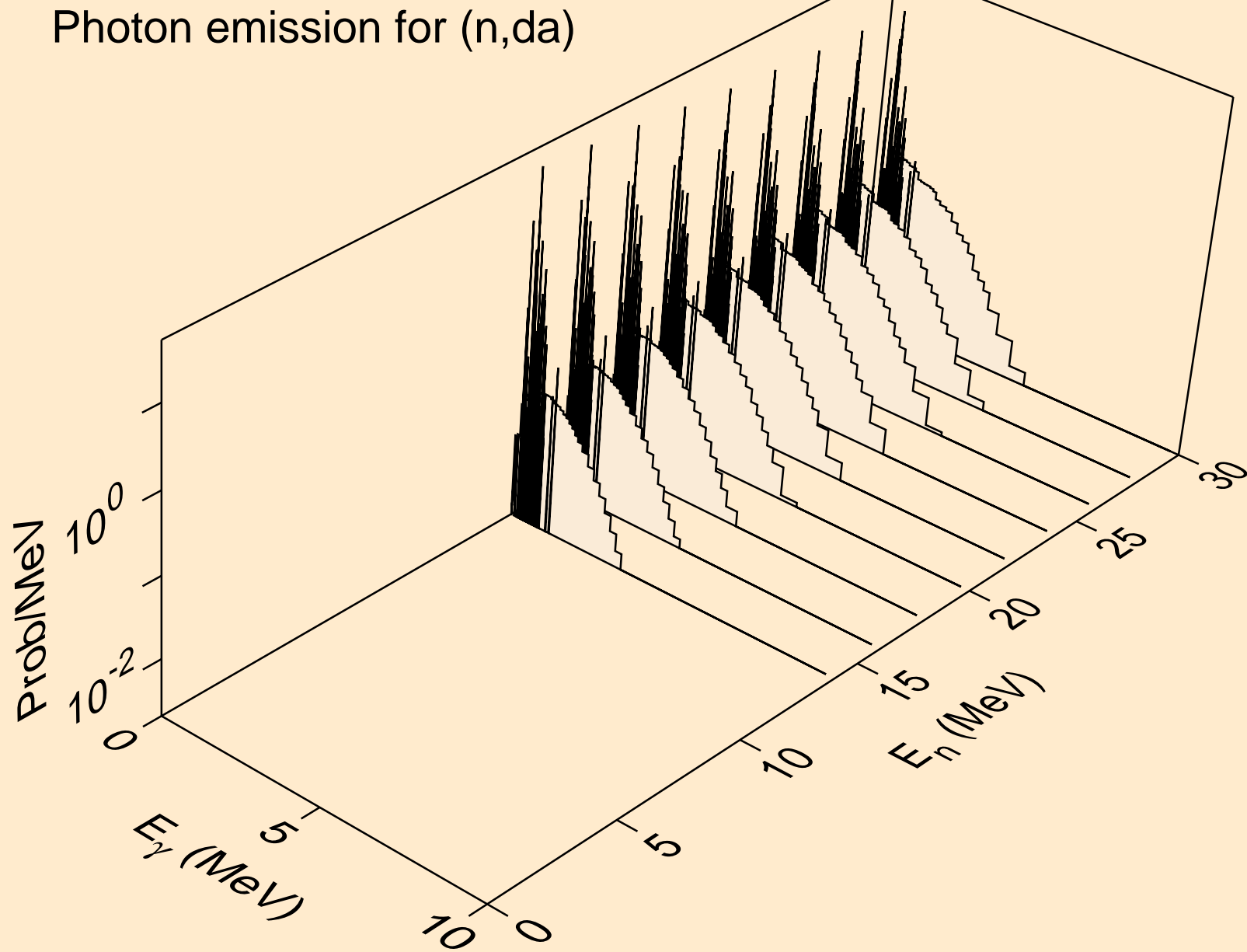
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pd)



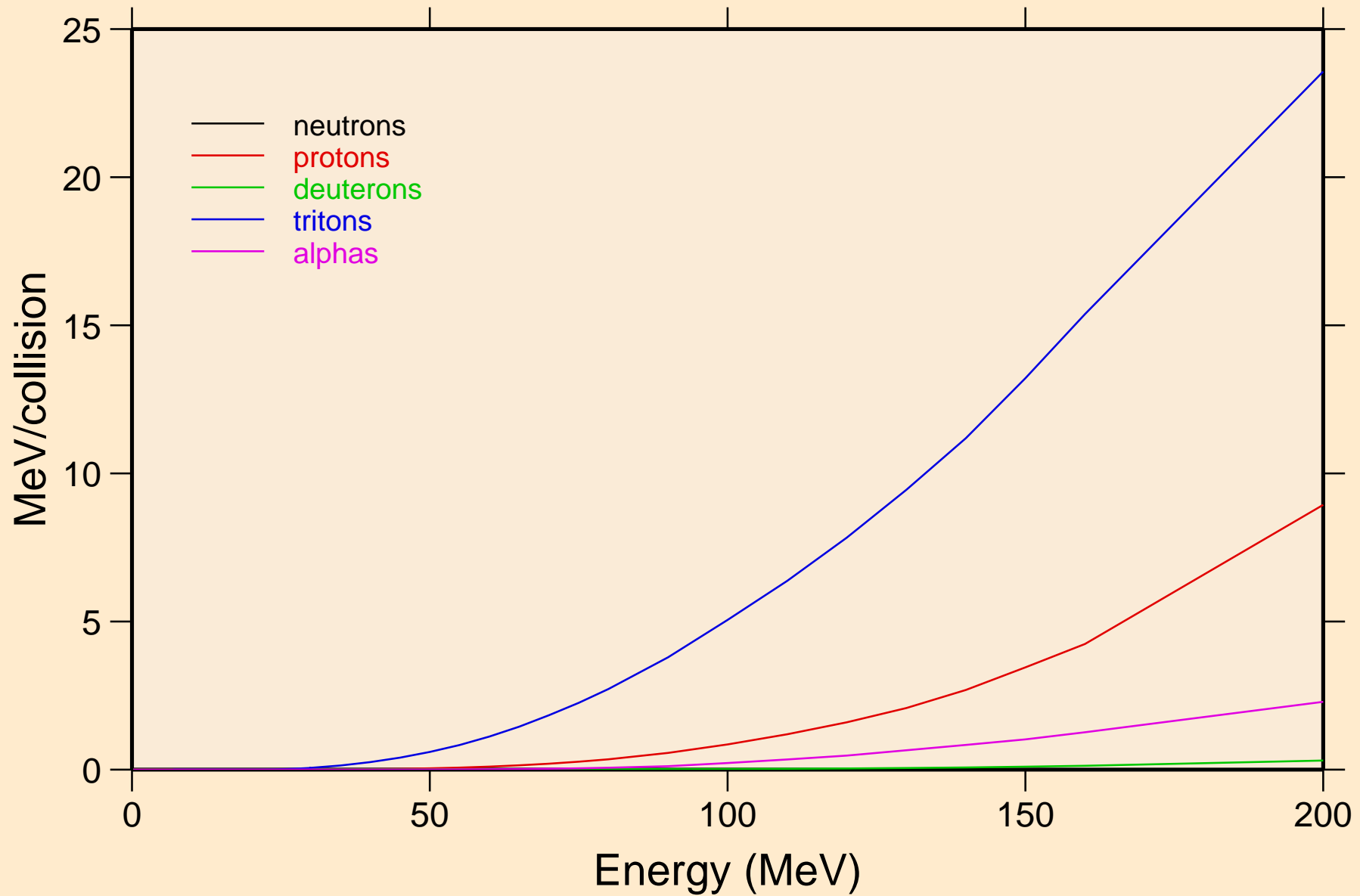
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pt)



TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,da)

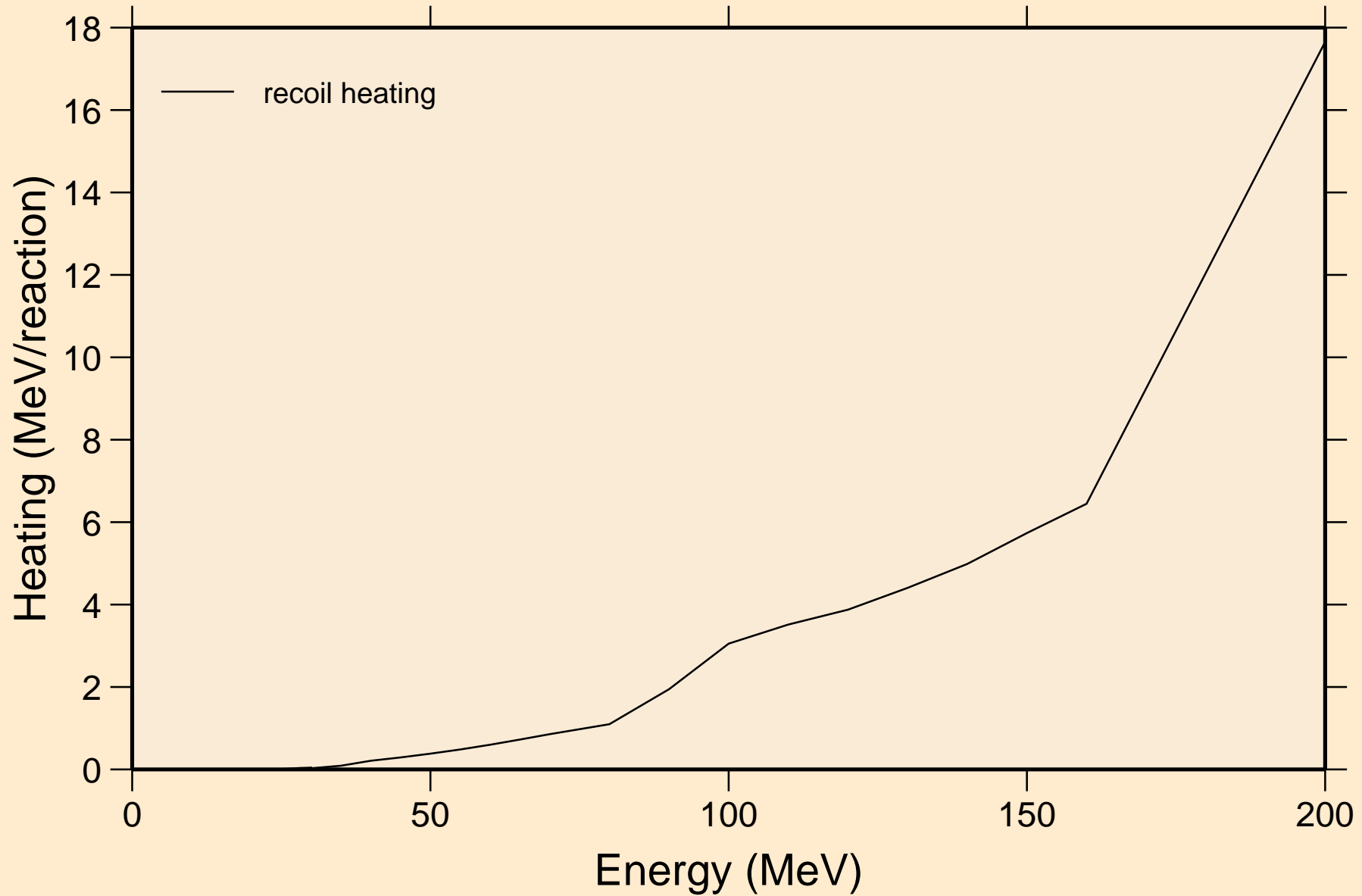


TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Particle heating contributions

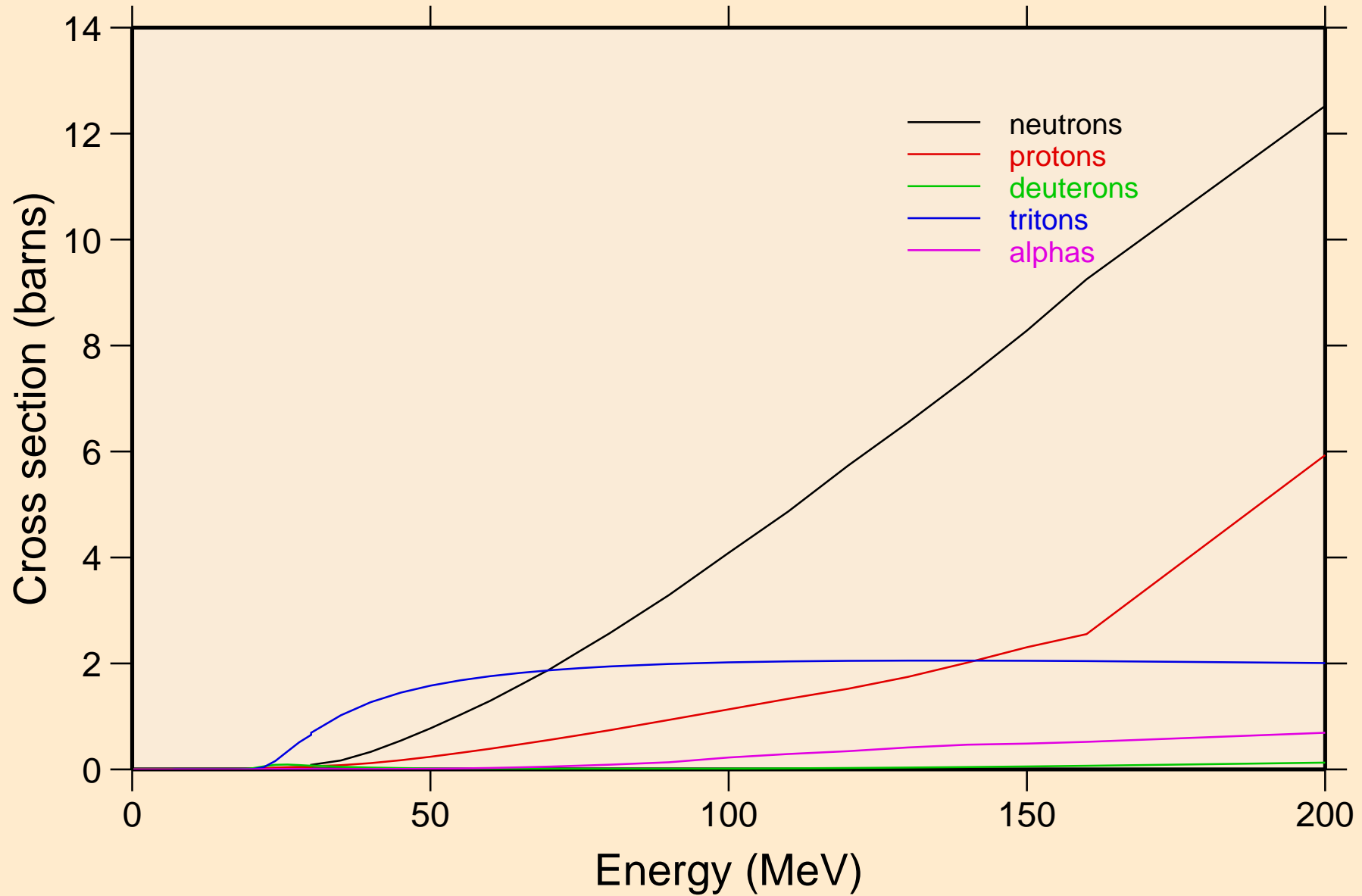


TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K

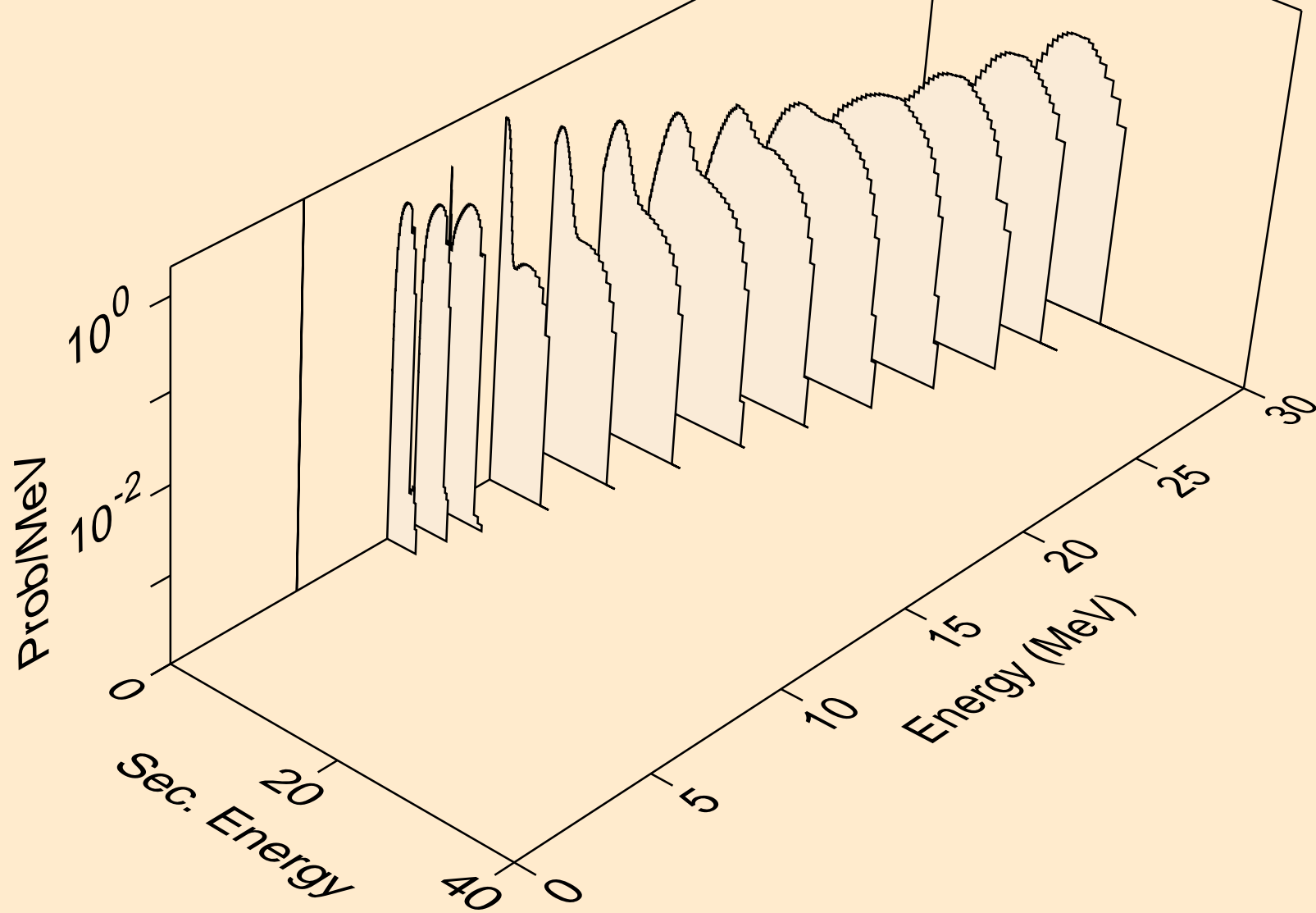
Recoil Heating



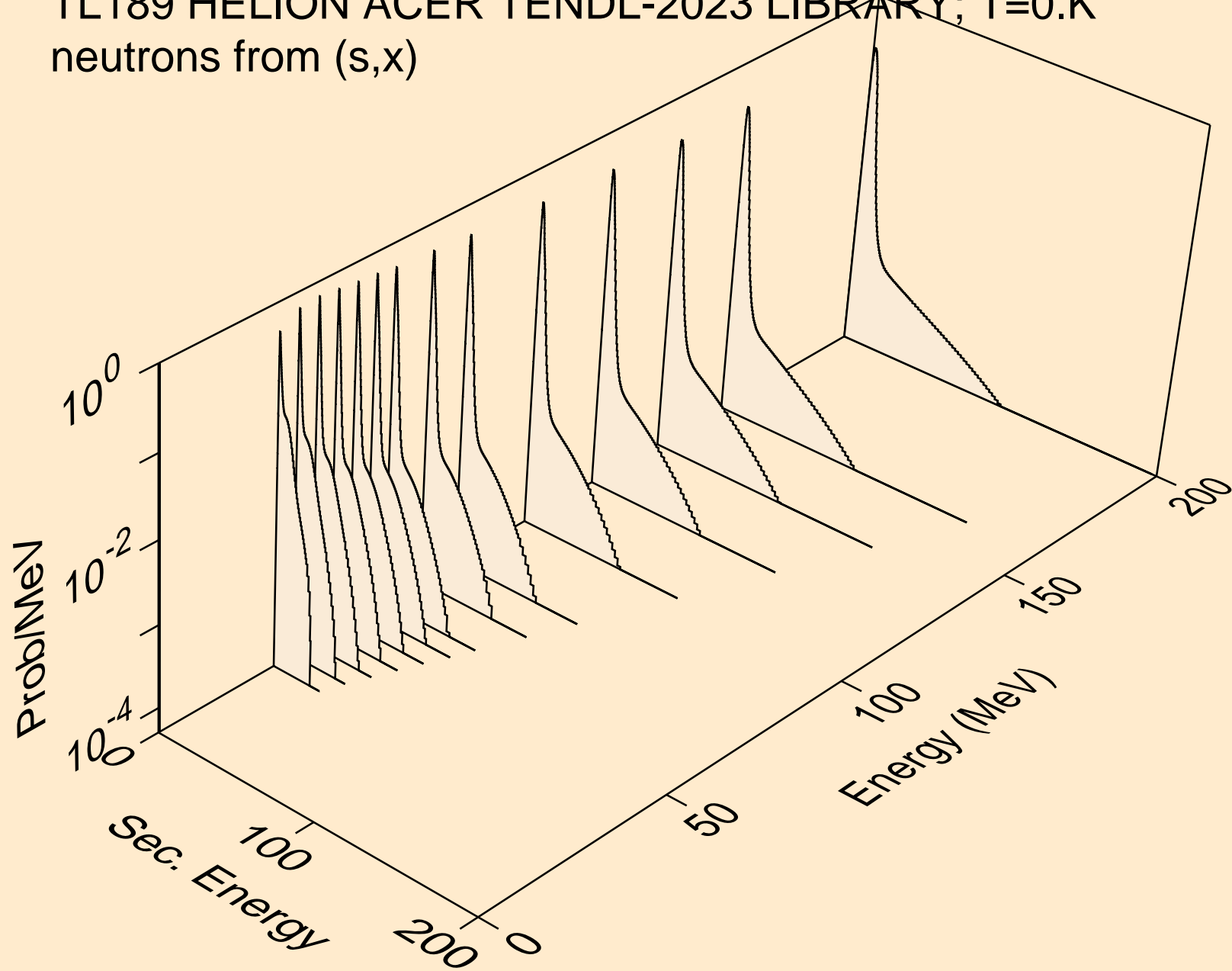
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
Particle production cross sections



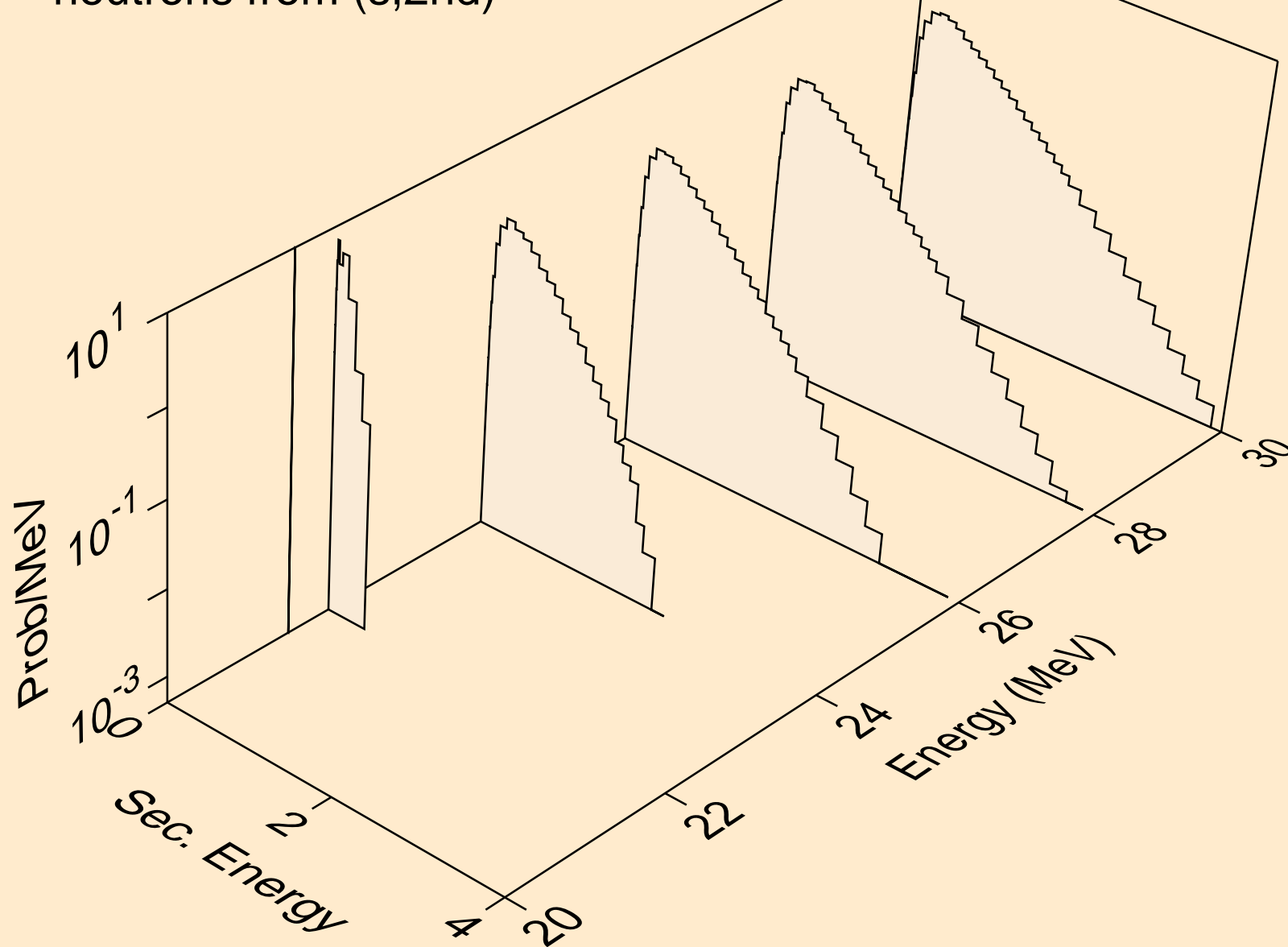
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,n)



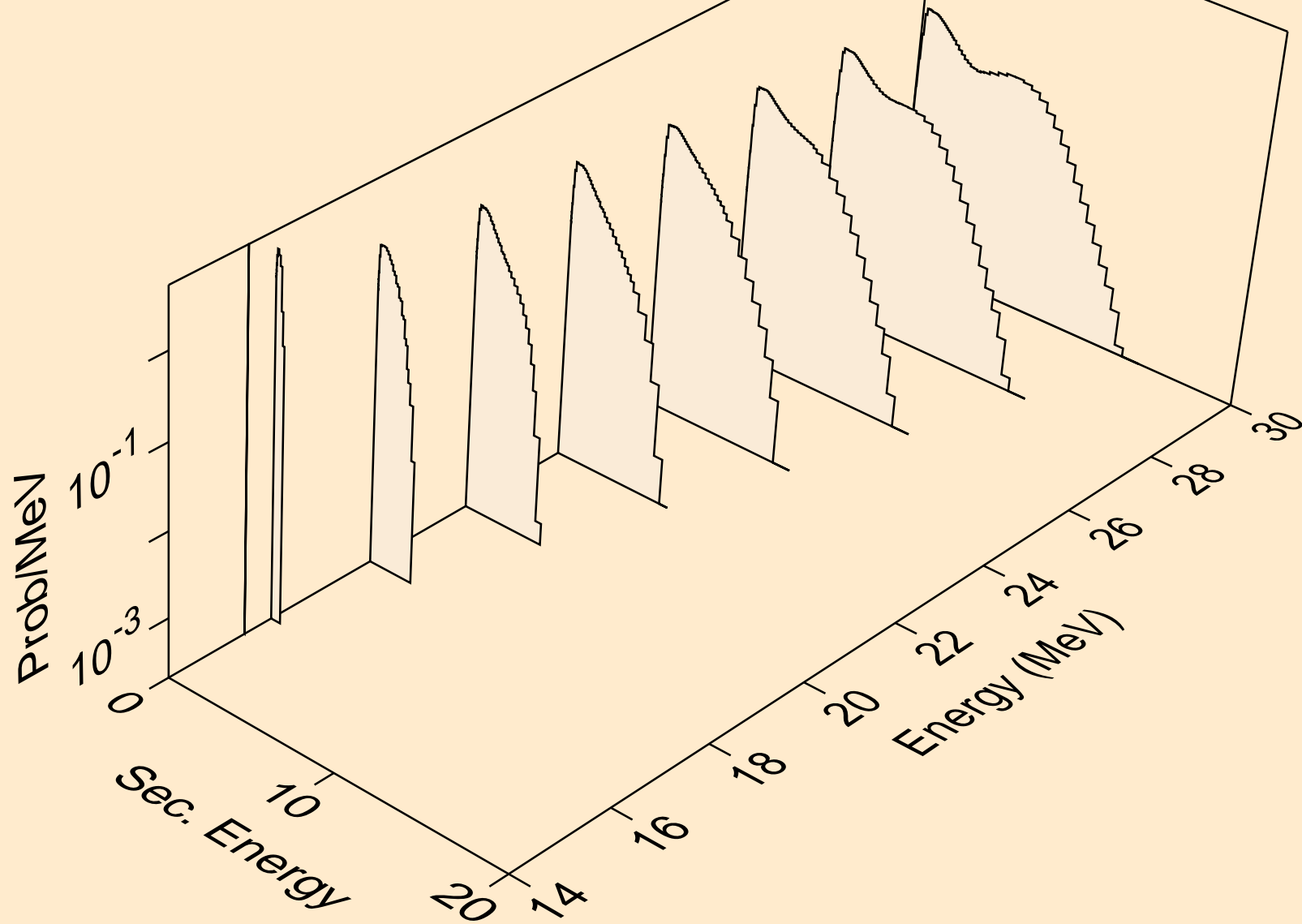
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,x)



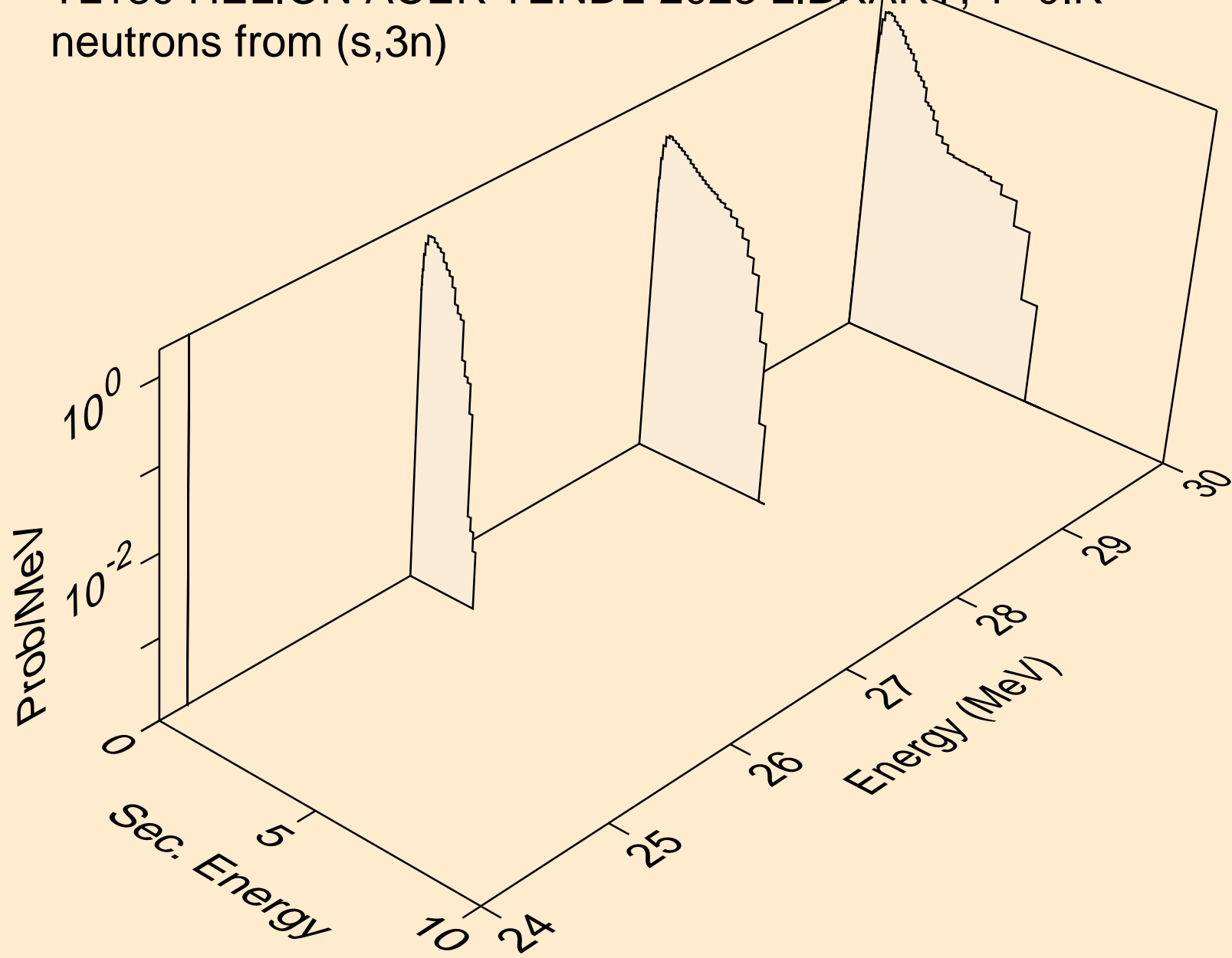
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,2nd)



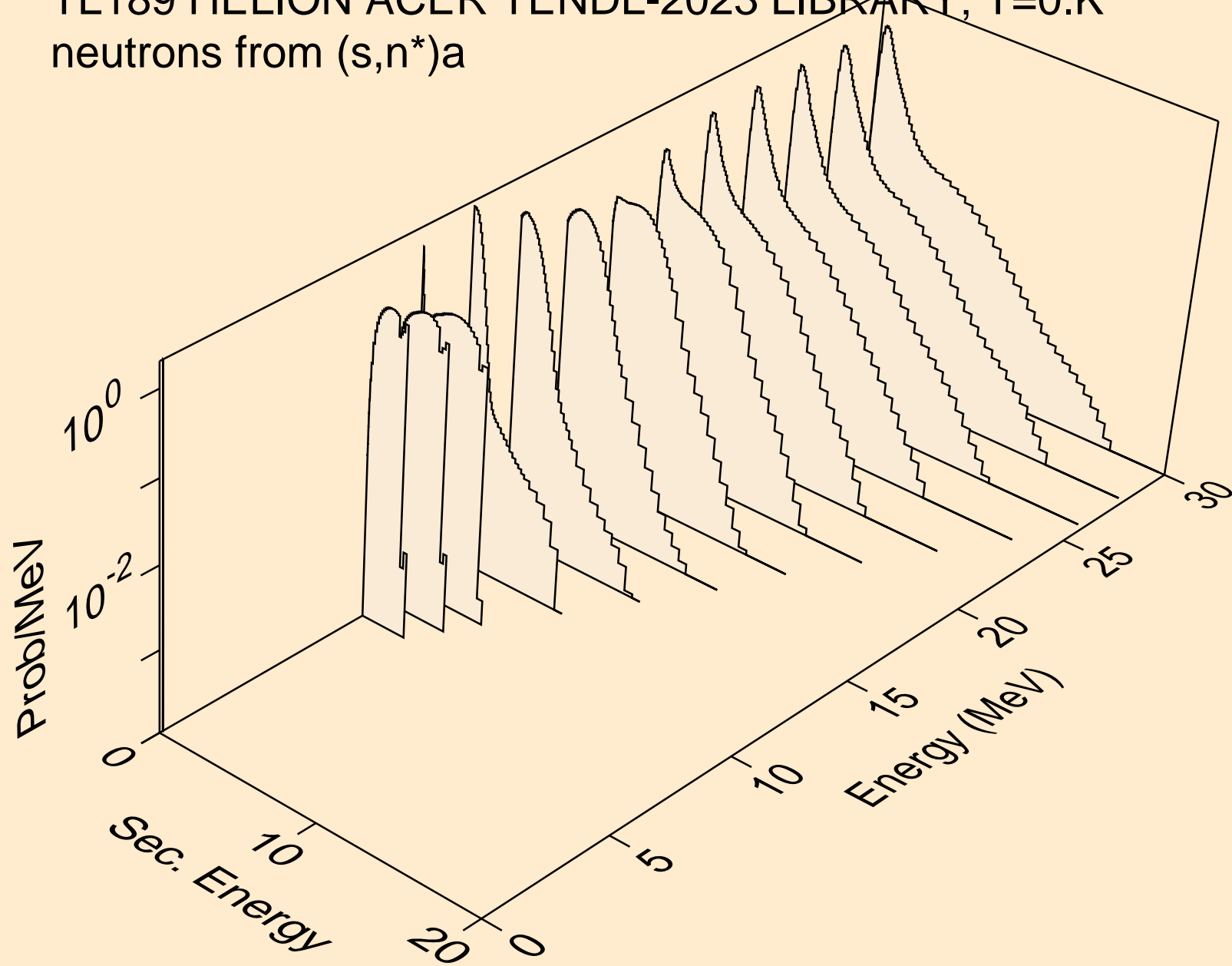
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,2n)



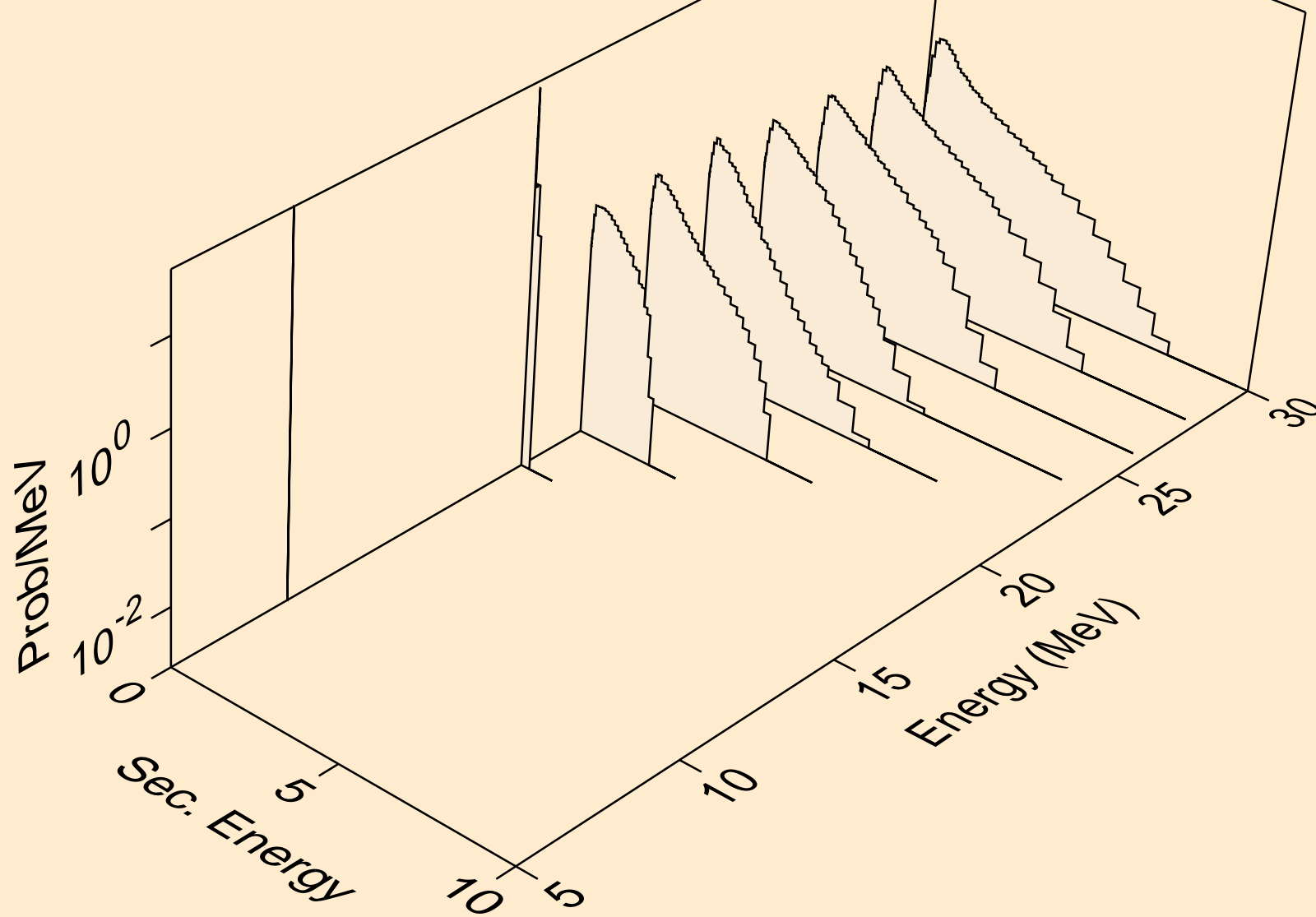
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,3n)



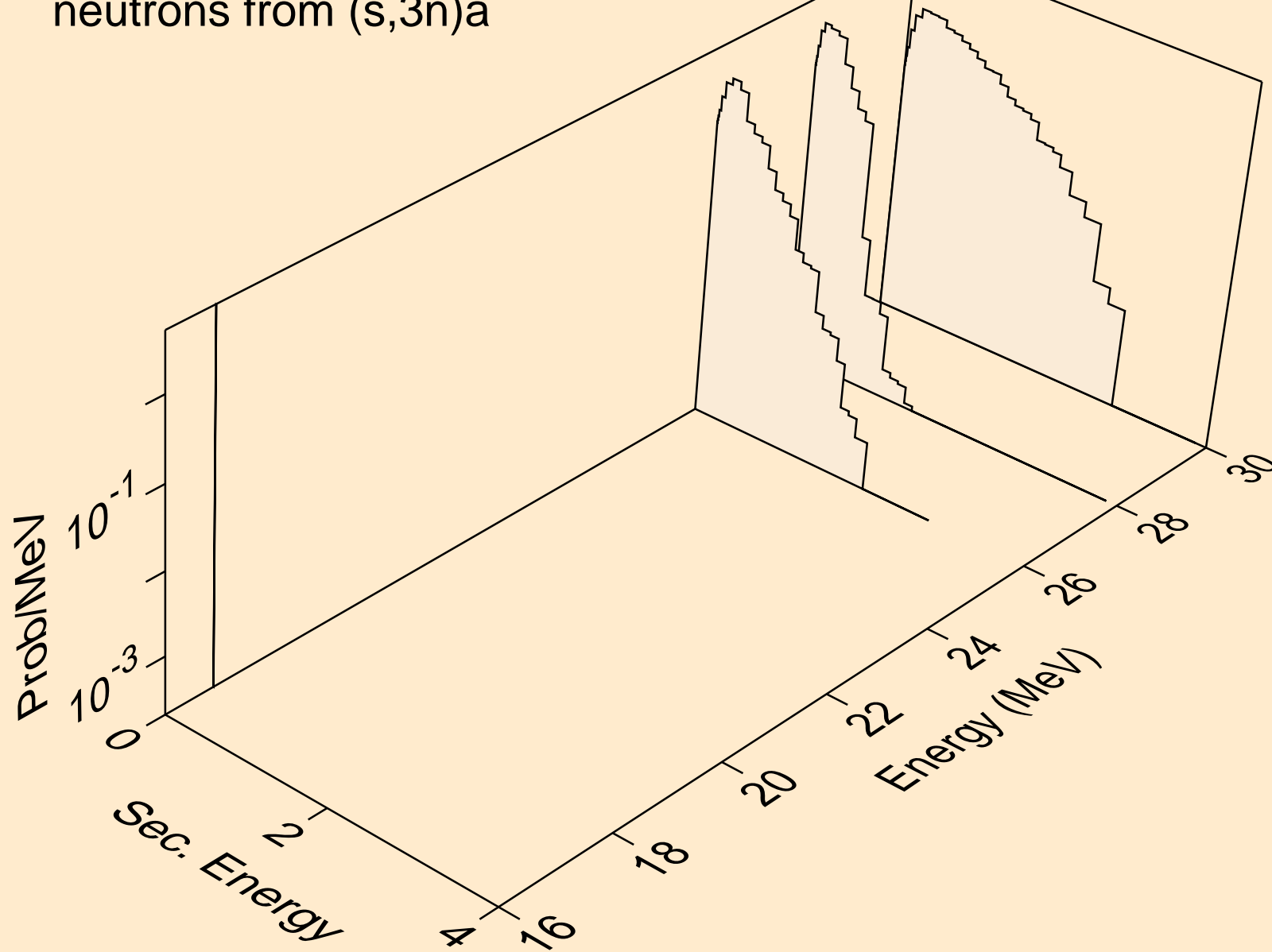
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,n*)a



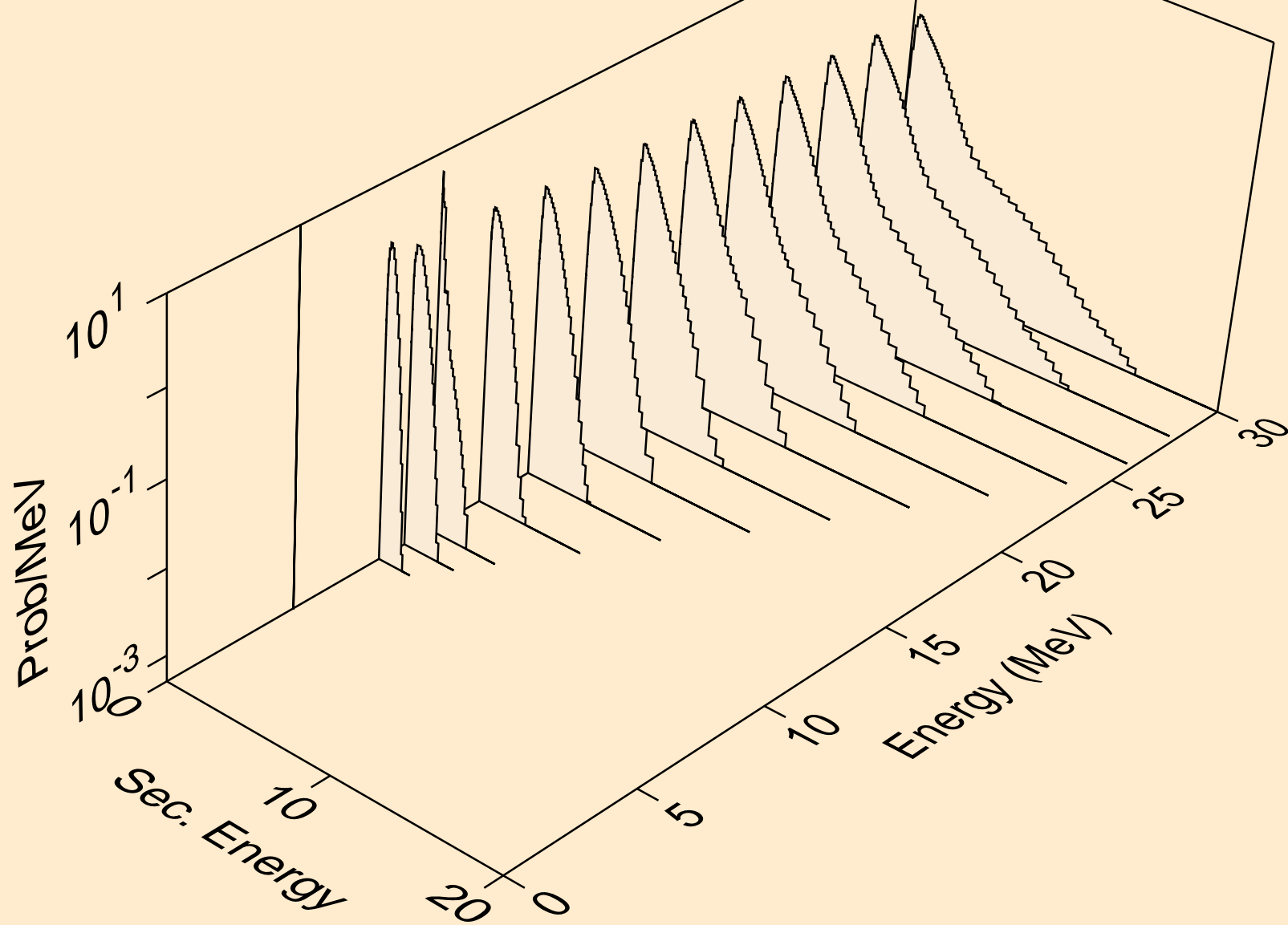
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,2n)a



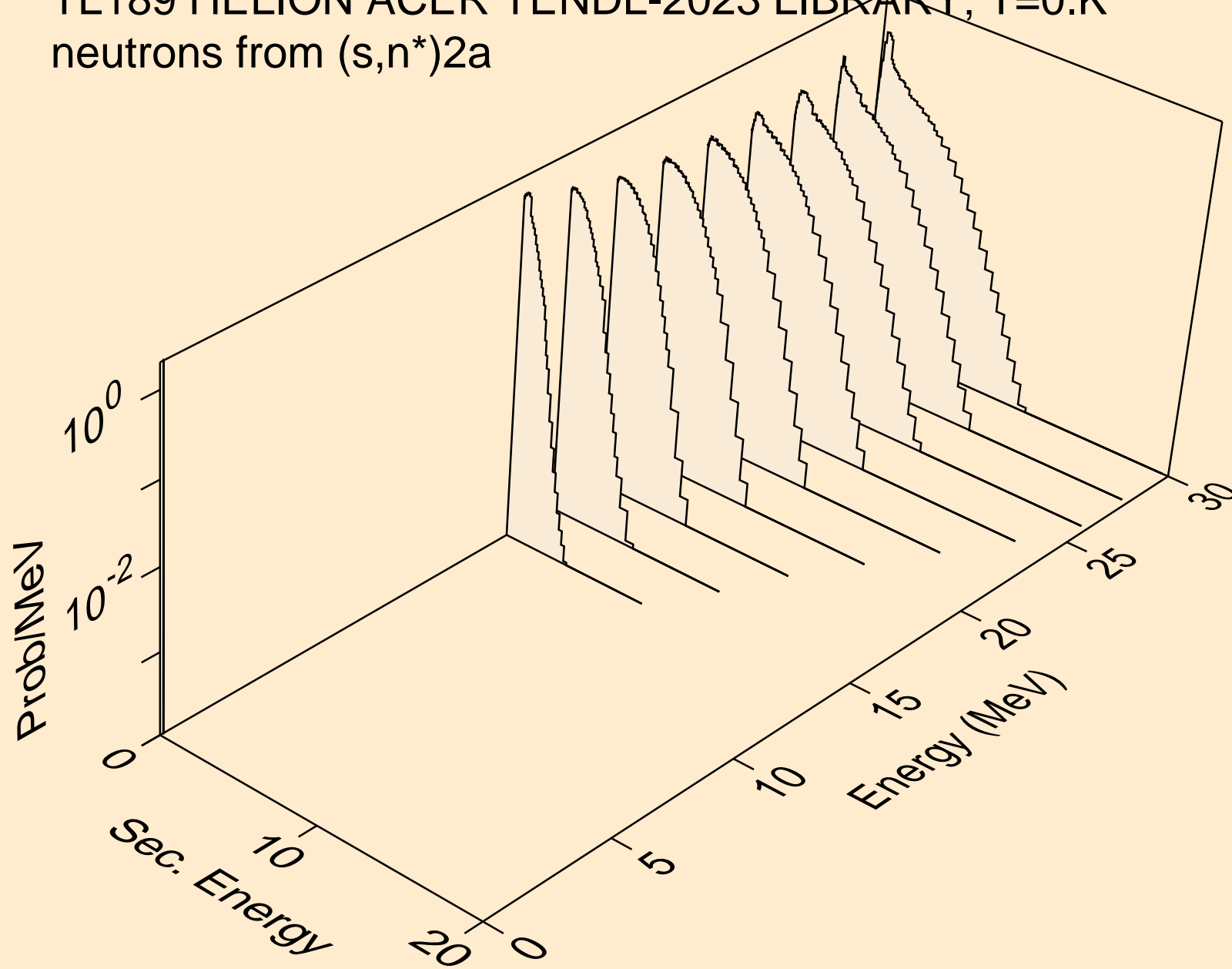
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,3n)a



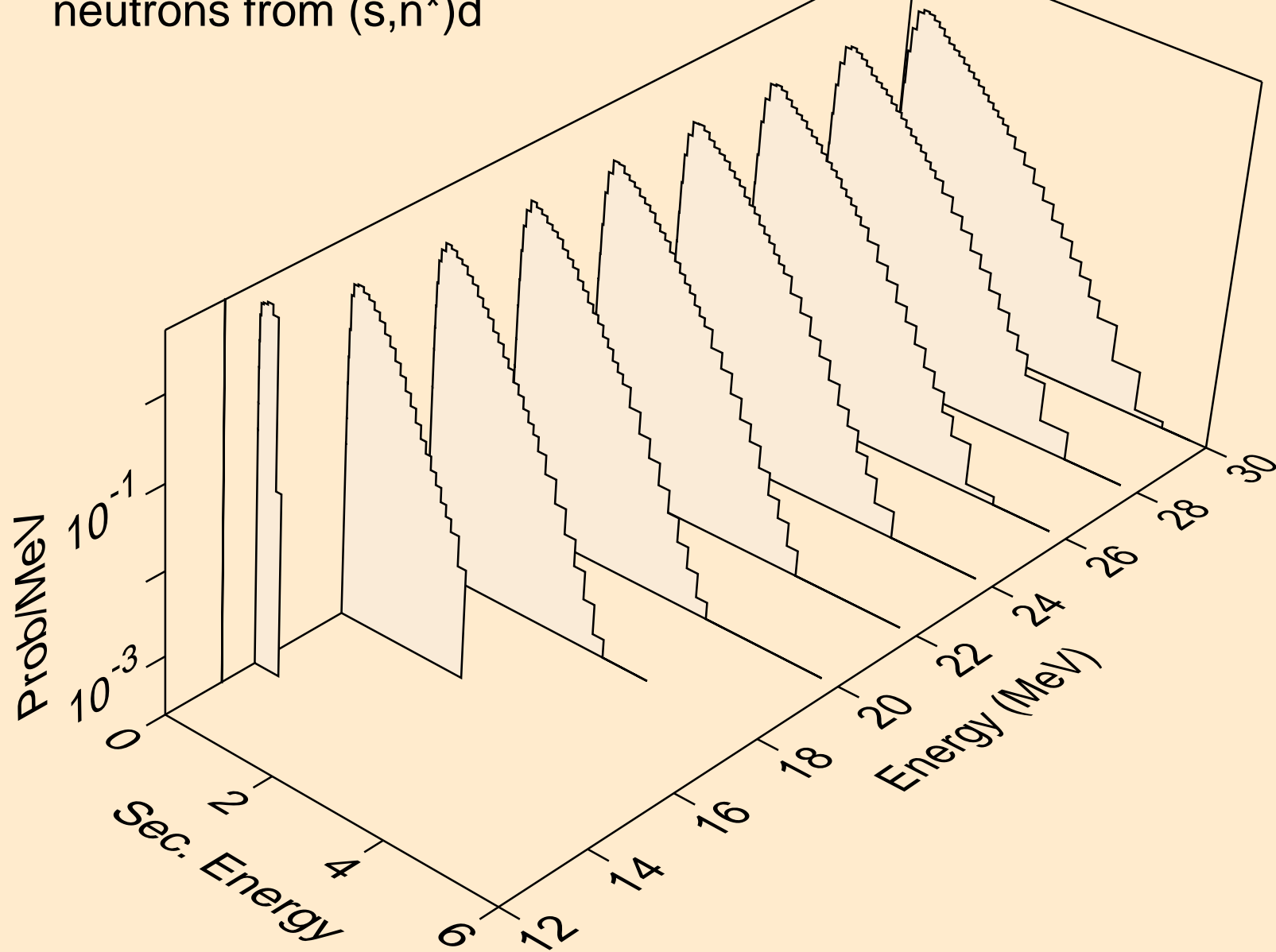
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,n*)p



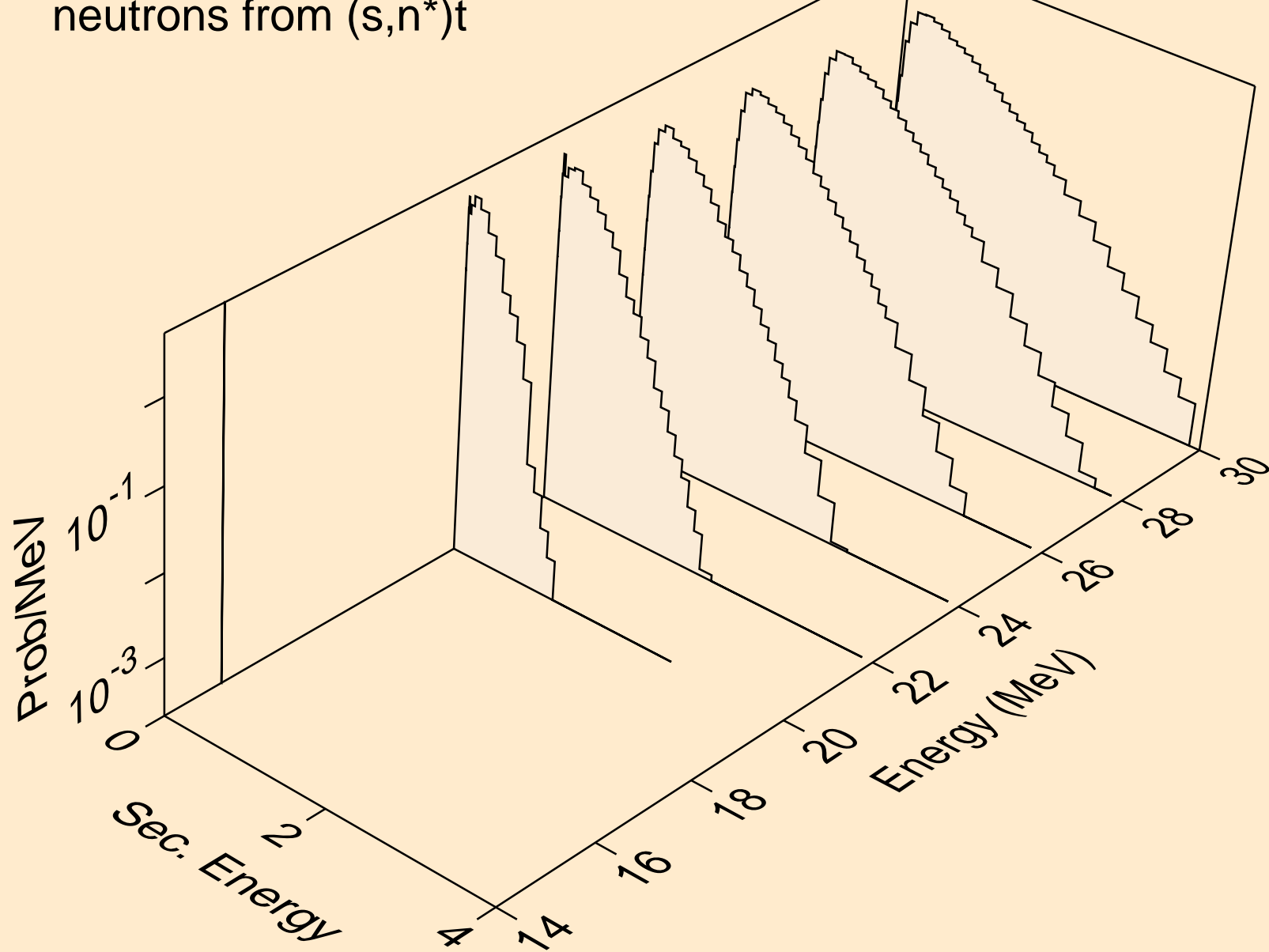
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,n*)2a



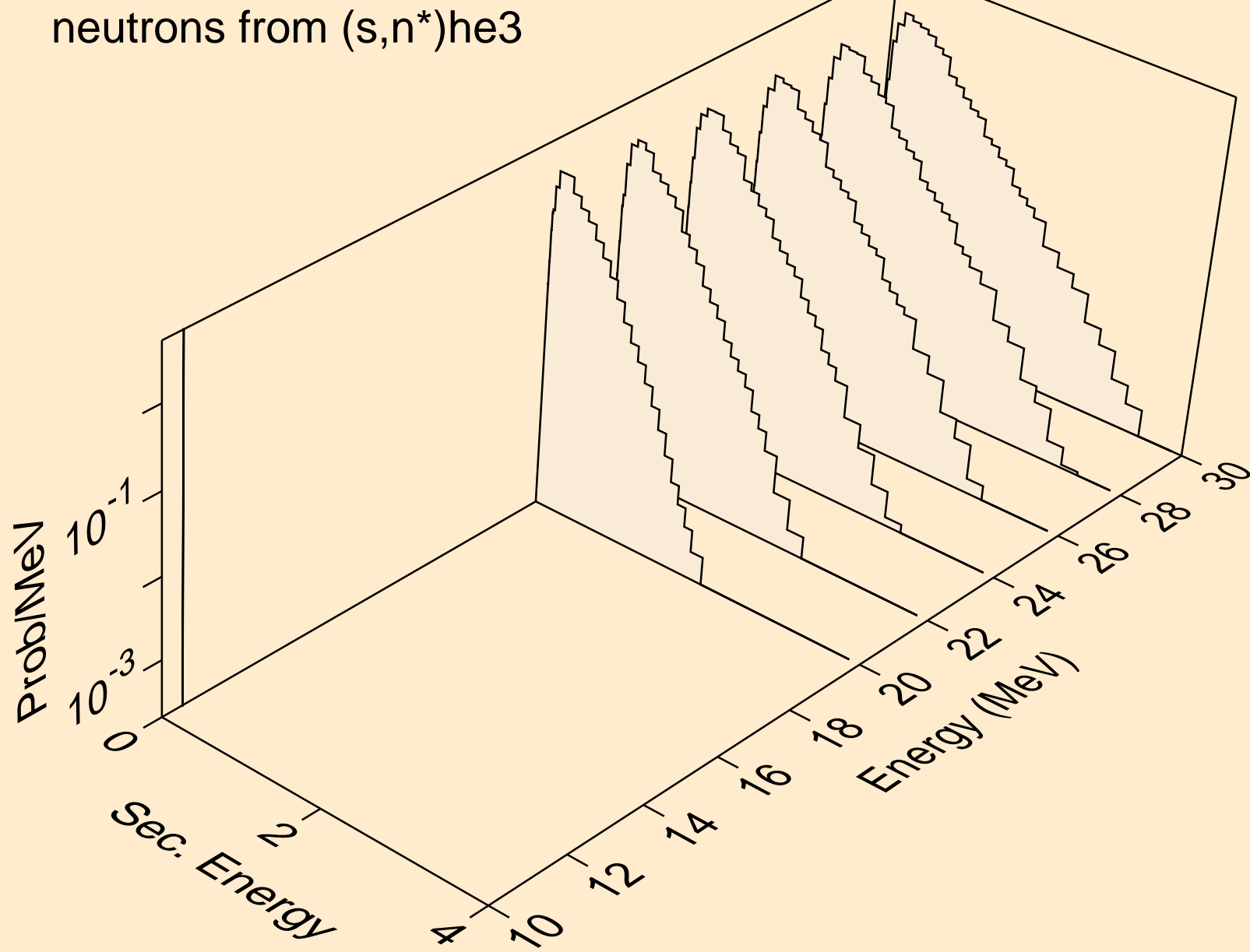
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,n*)d



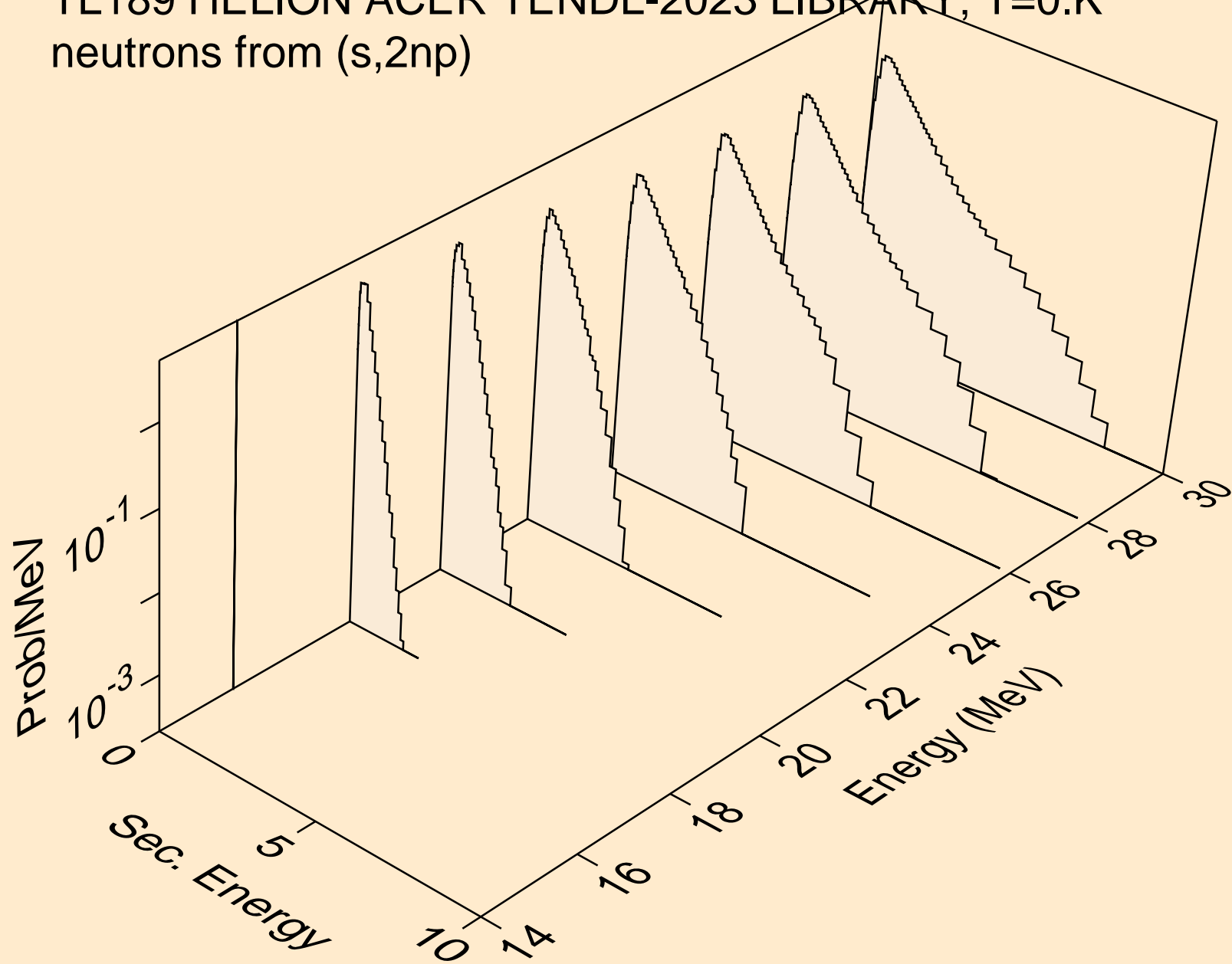
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,n*)t



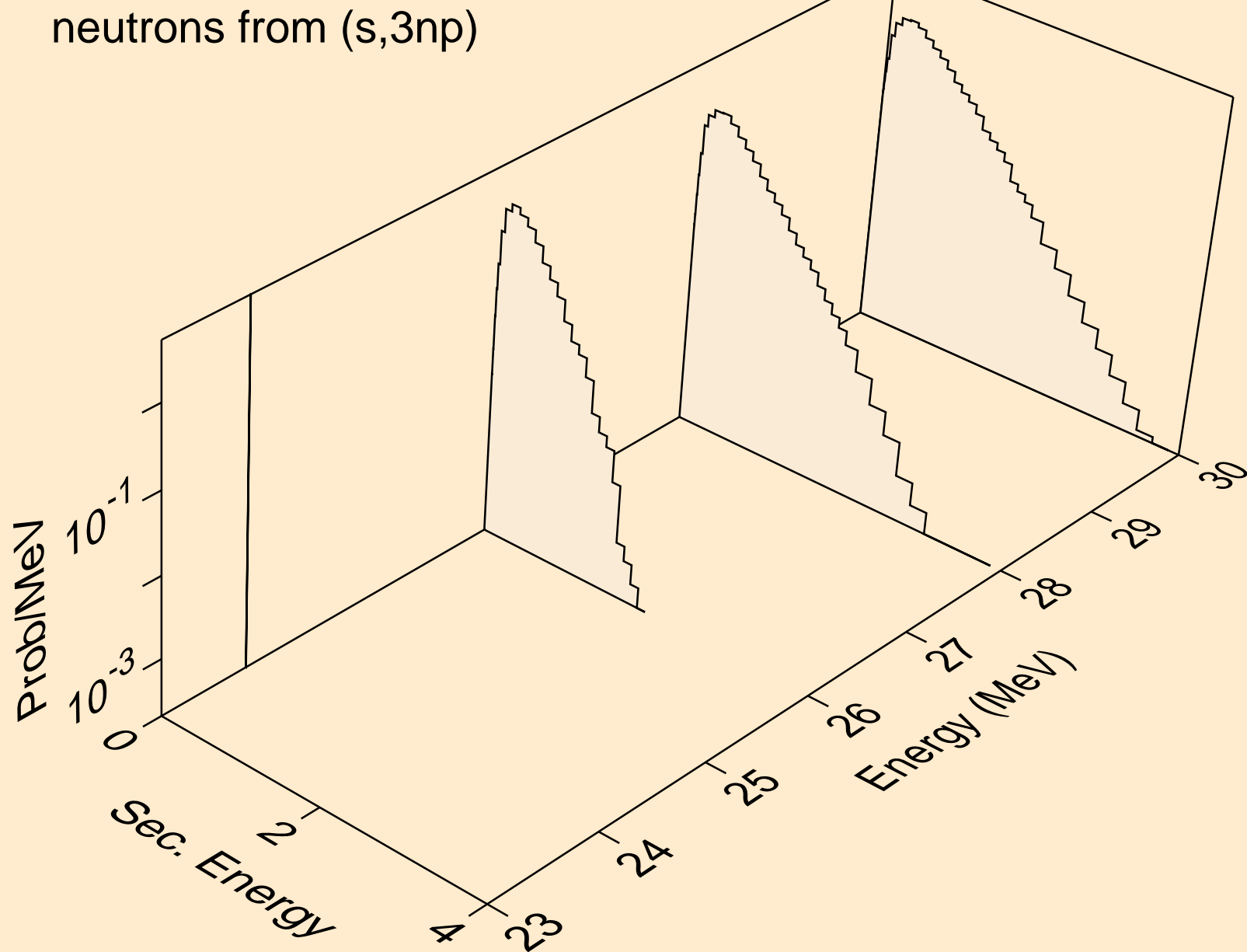
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,n*)he3



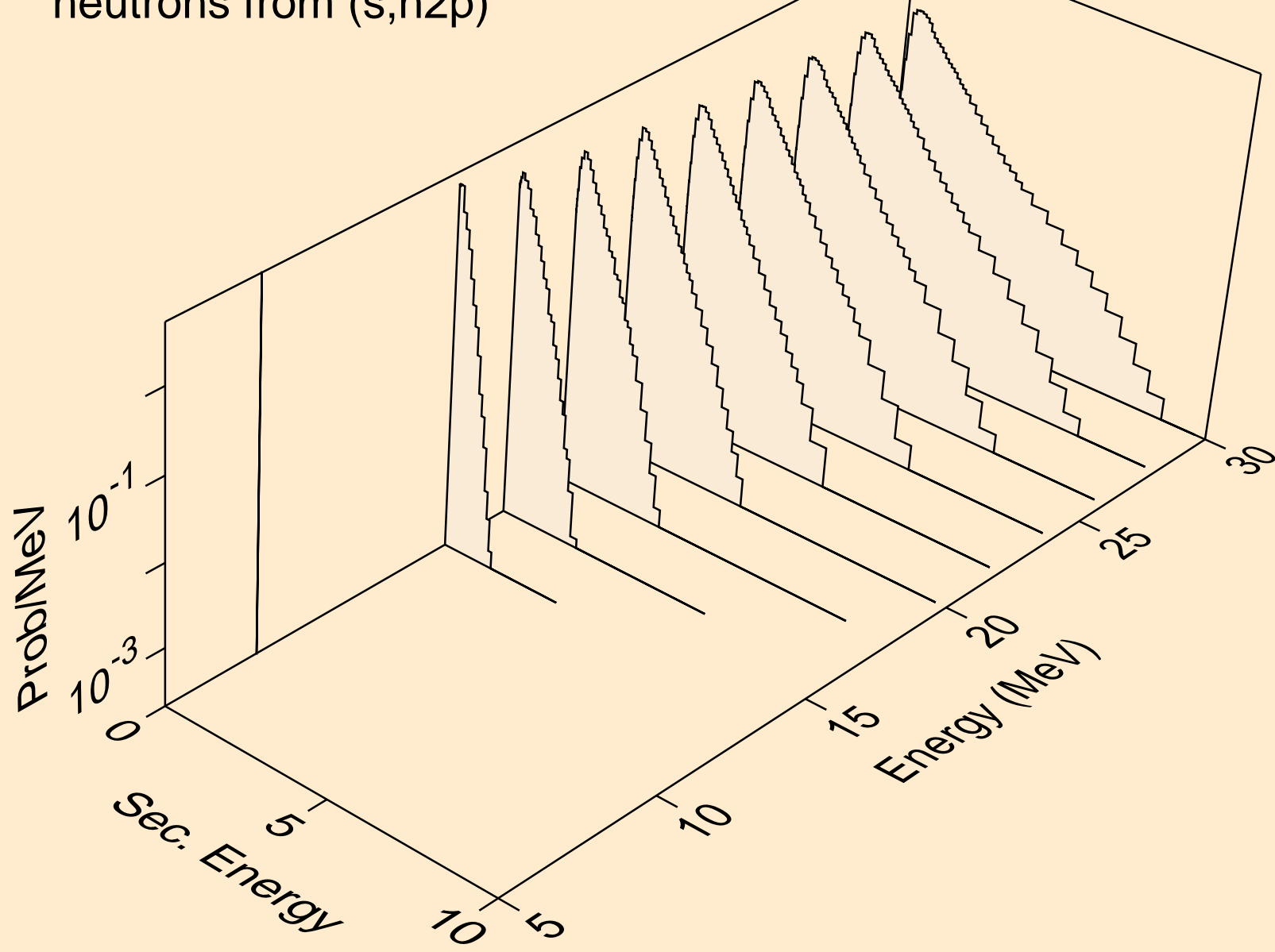
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,2np)



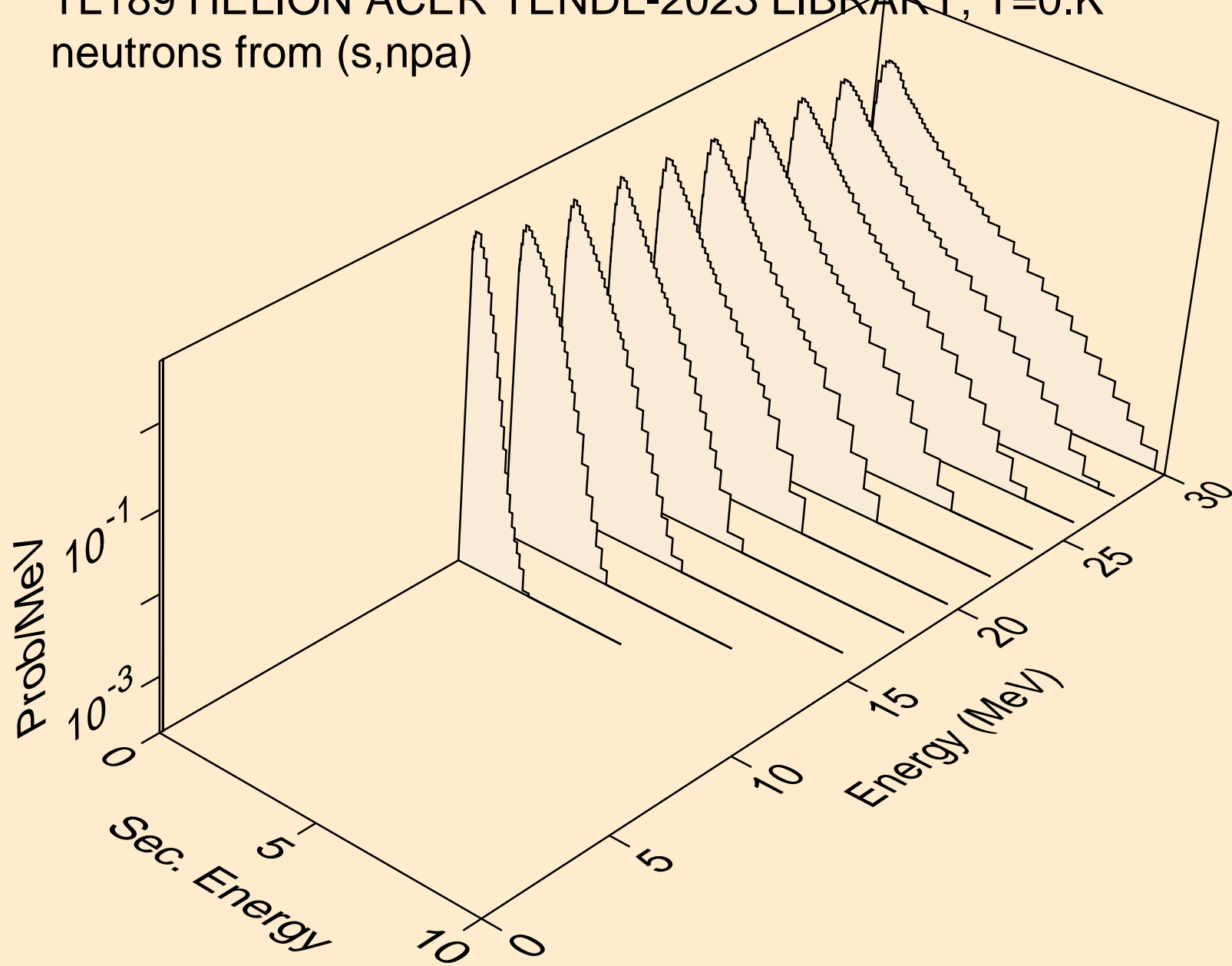
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (s,3np)



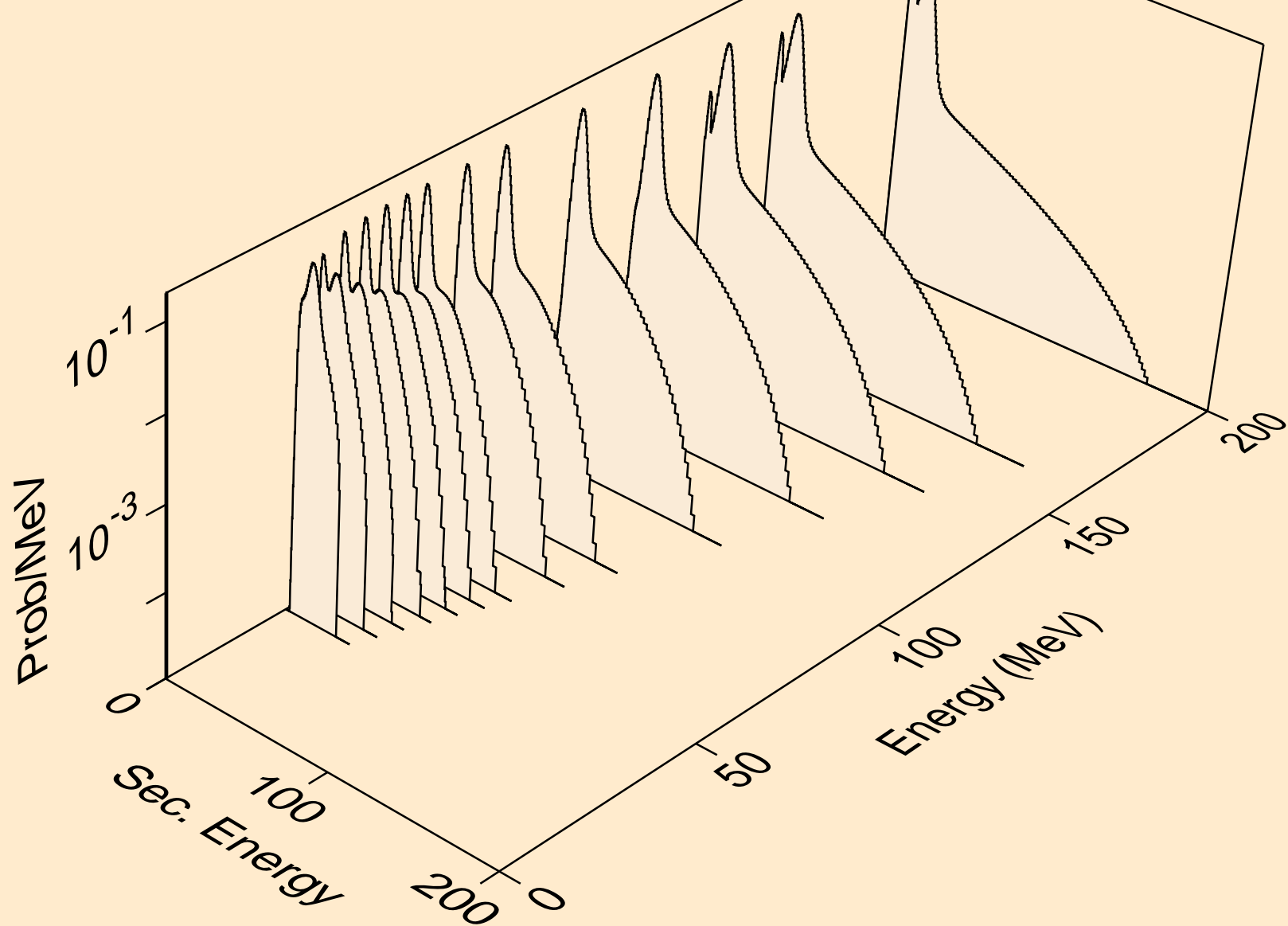
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neutrons from (s,n2p)



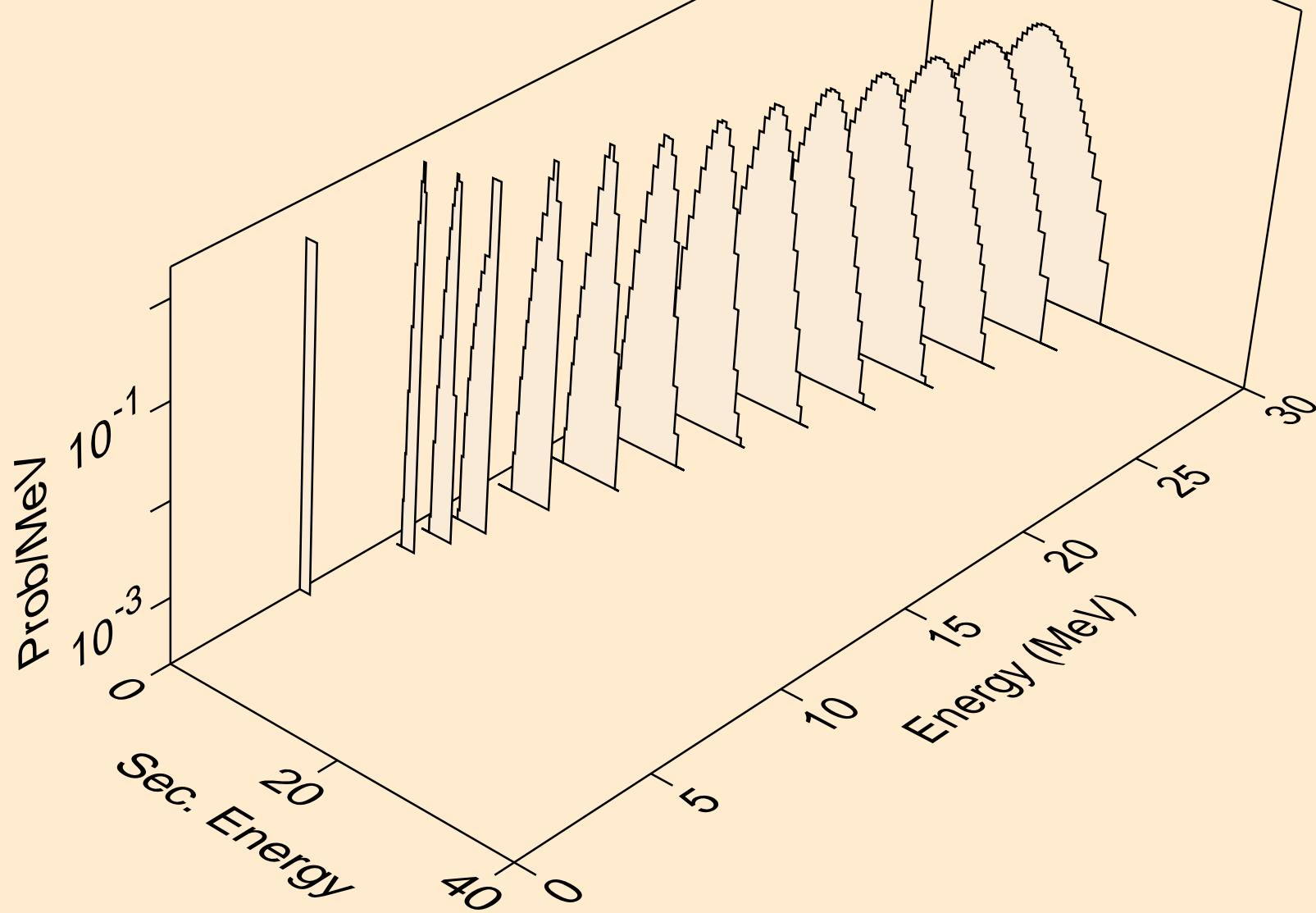
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neutrons from (s,npa)



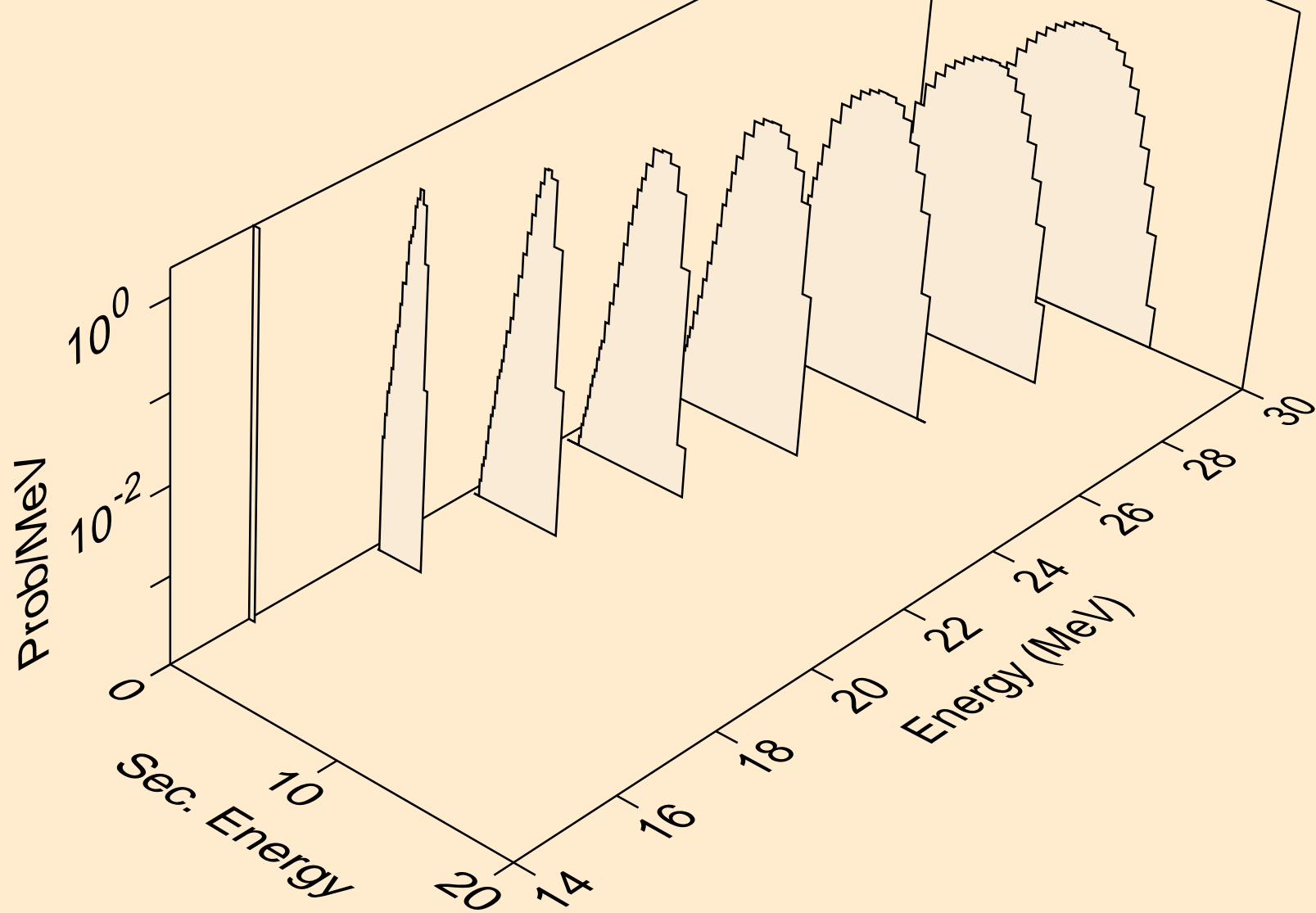
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
protons from (s,x)



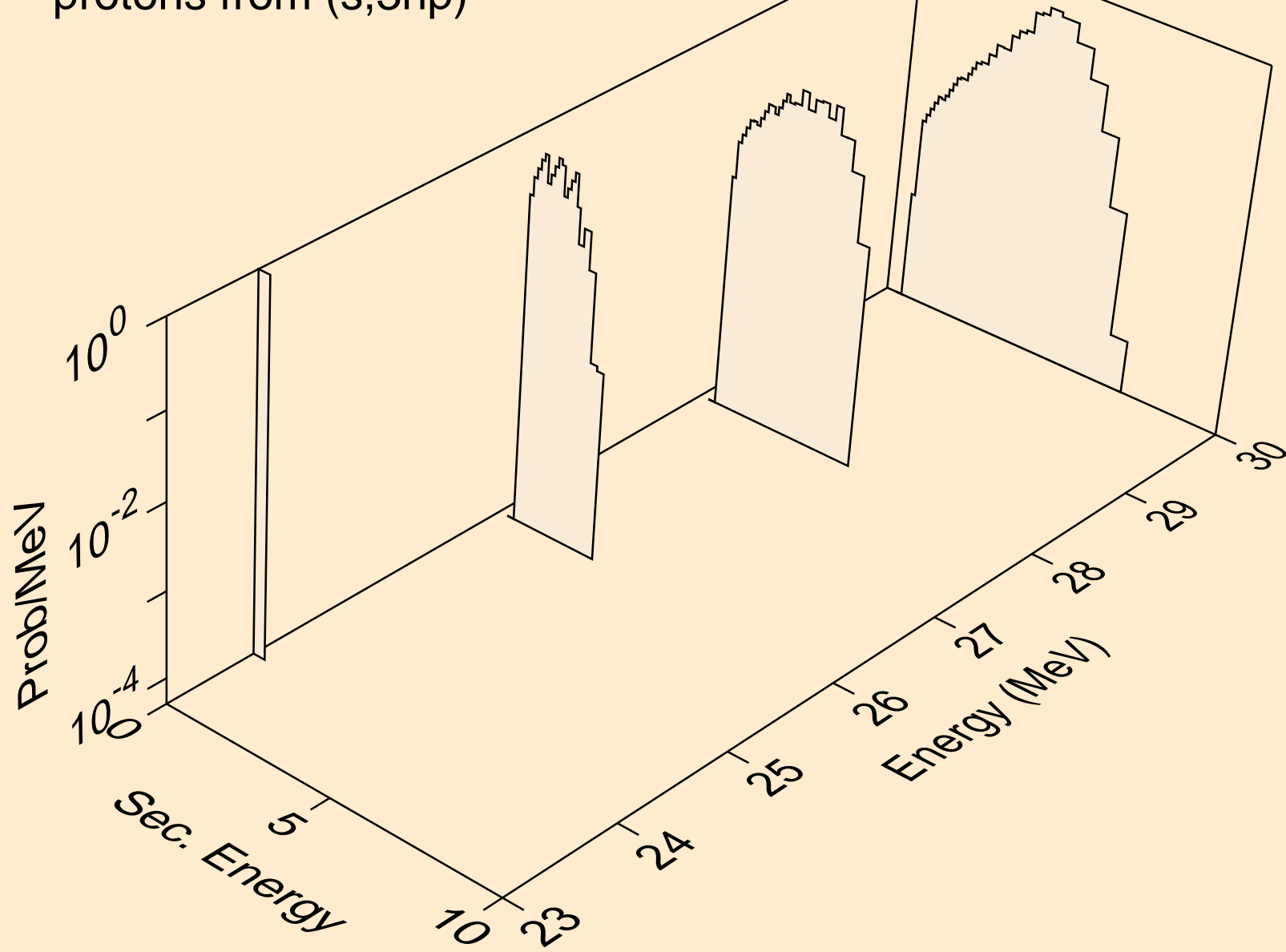
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
protons from (s,n*)p



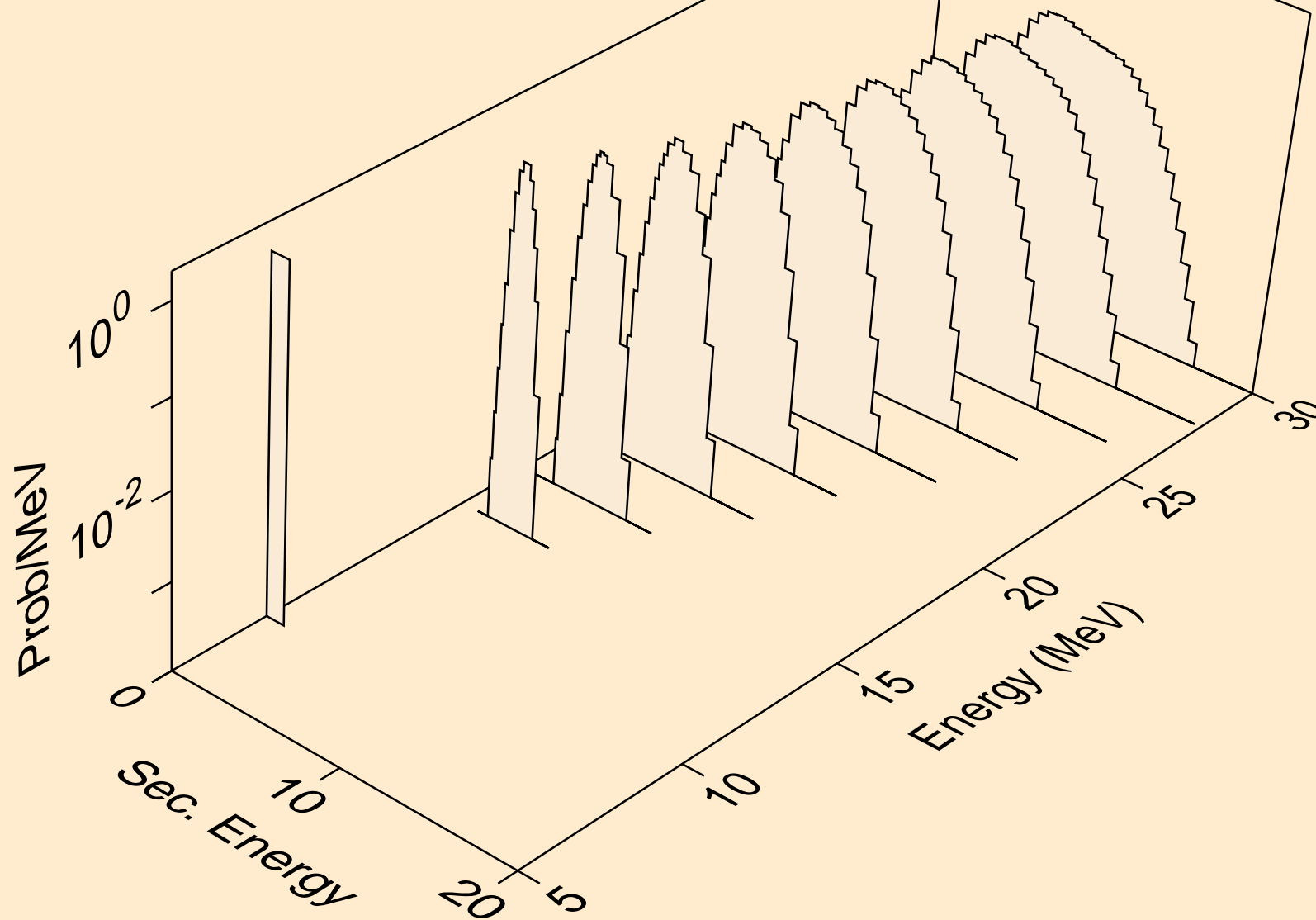
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
protons from (s,2np)



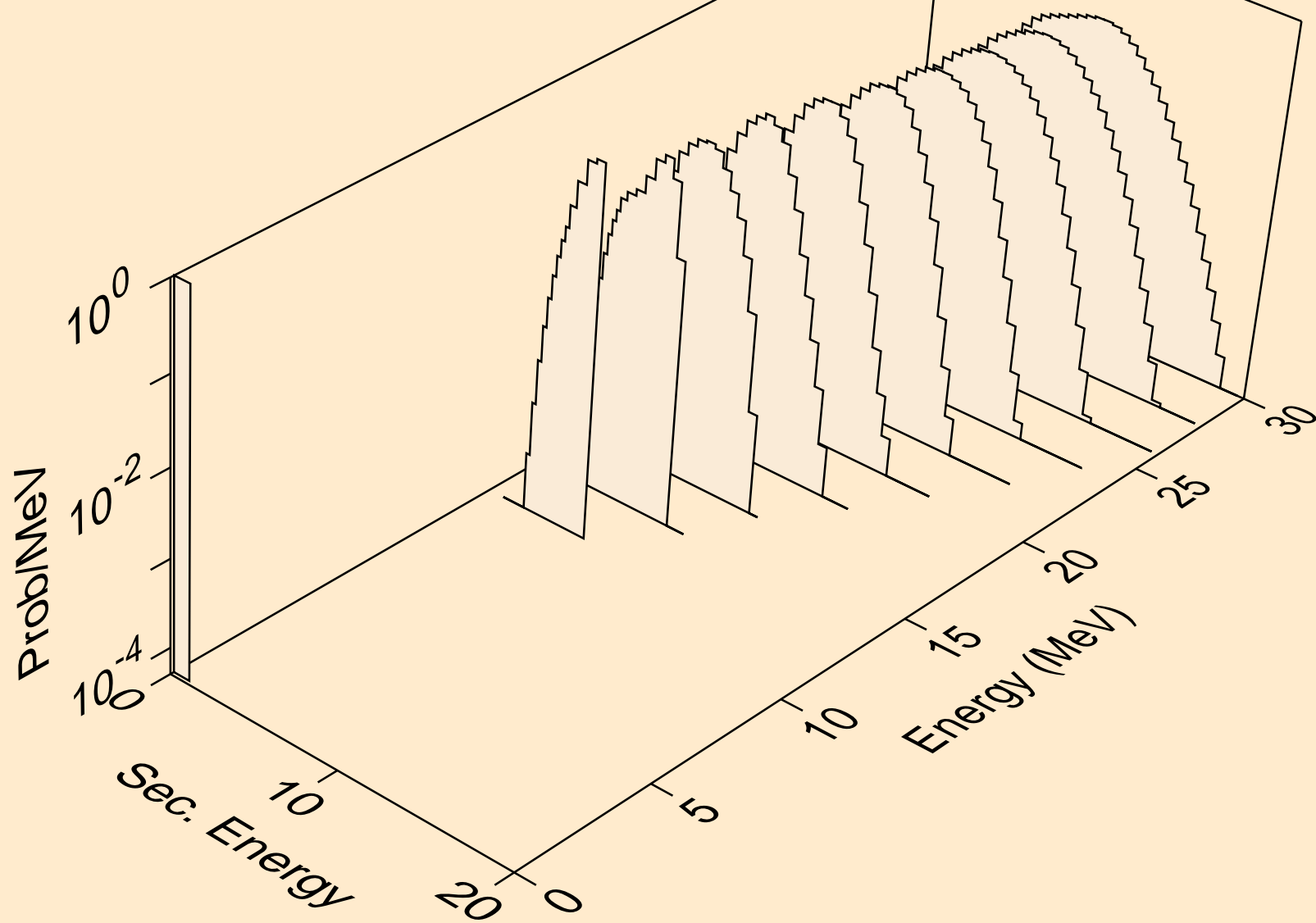
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
protons from (s,3np)



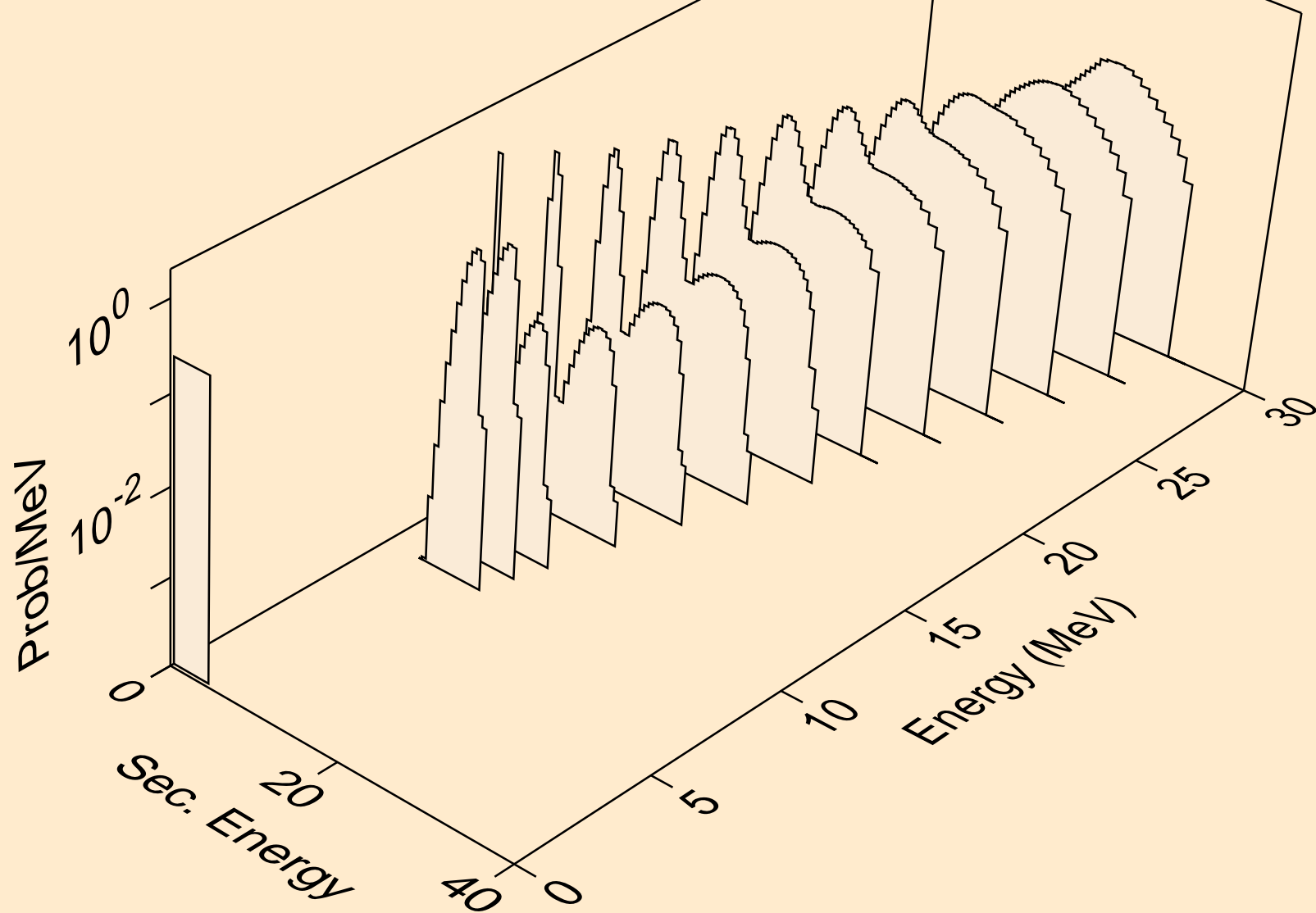
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
protons from (s,n2p)



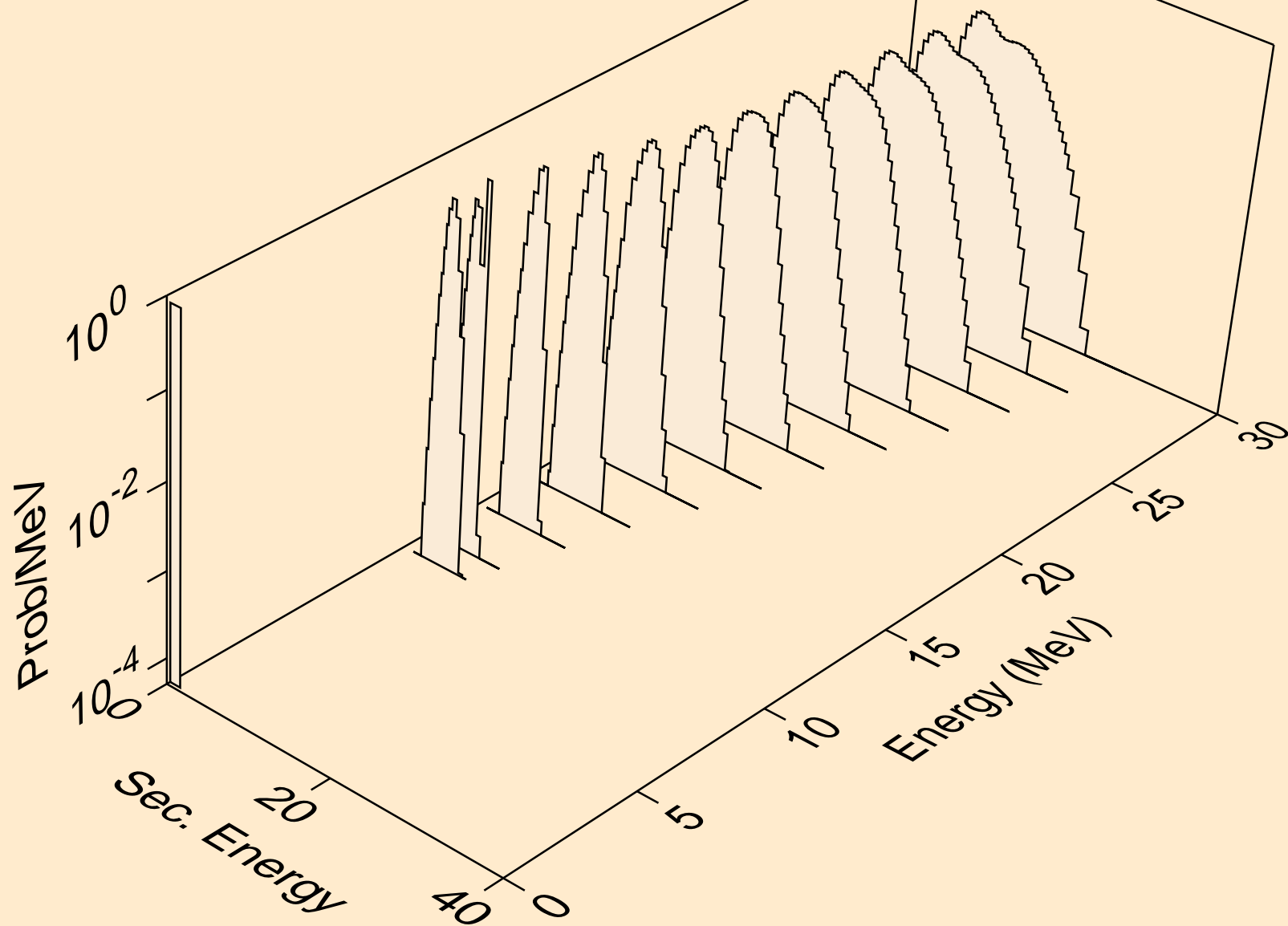
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
protons from (s,npa)



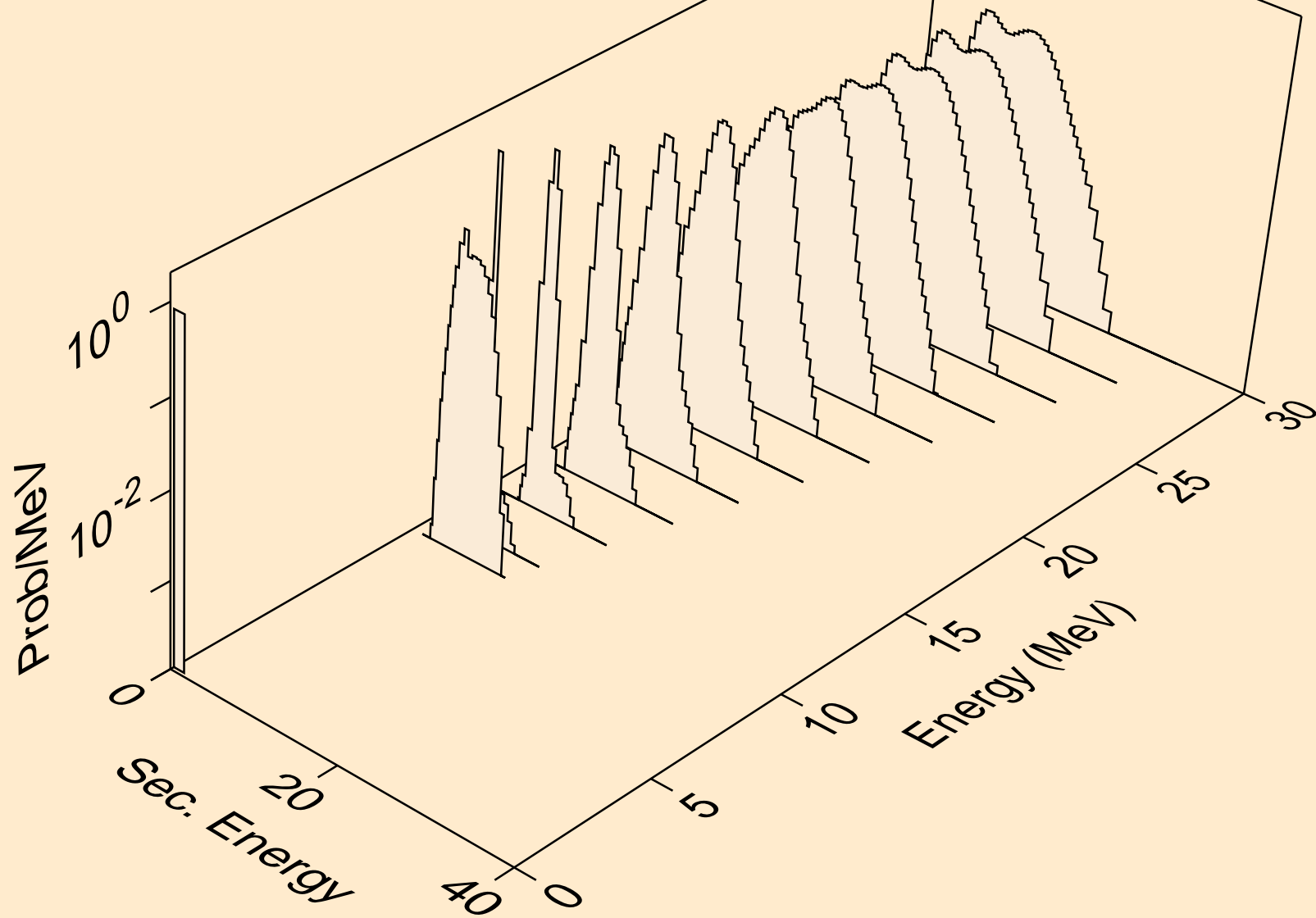
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
protons from (s,p)



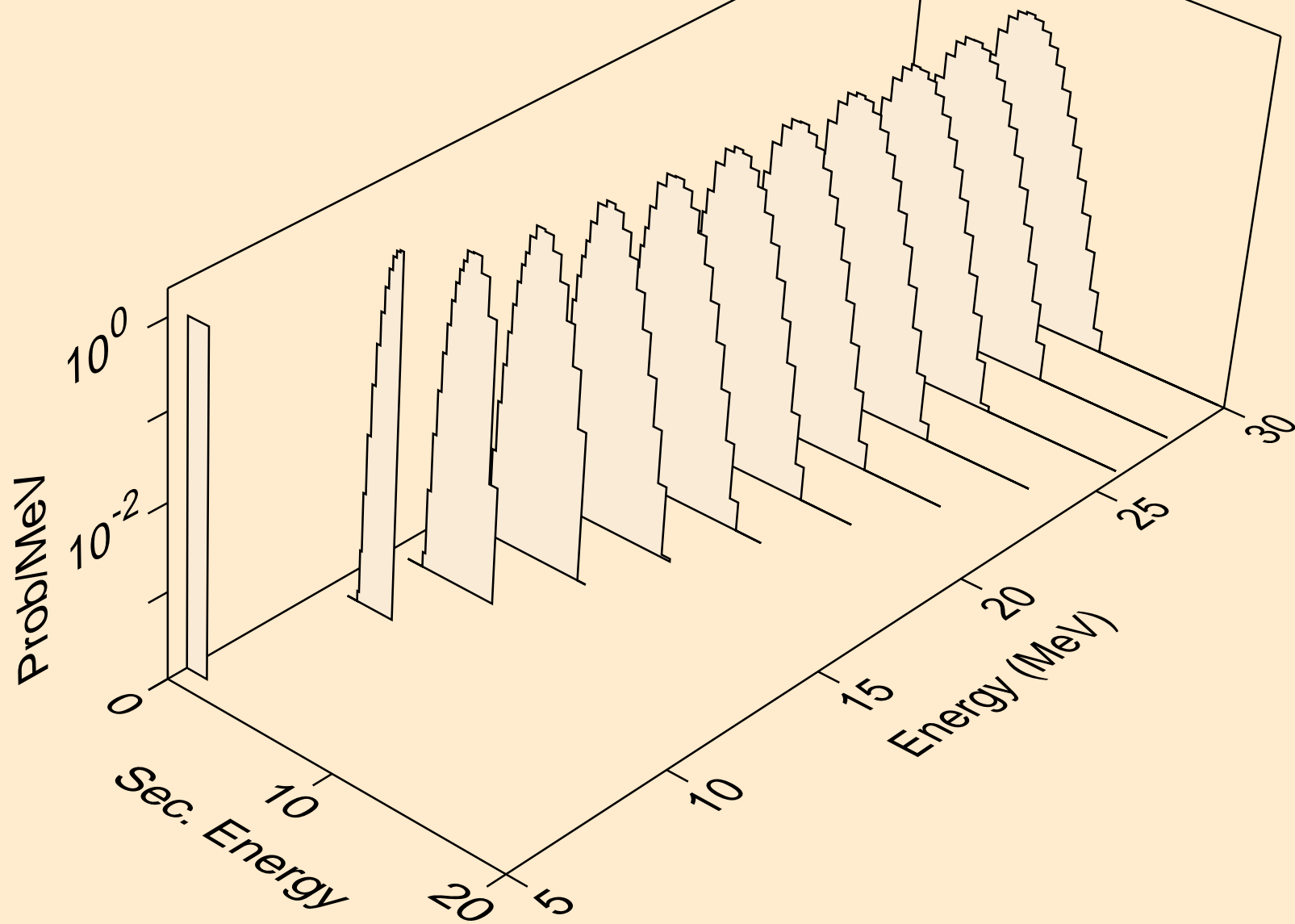
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
protons from (s,2p)



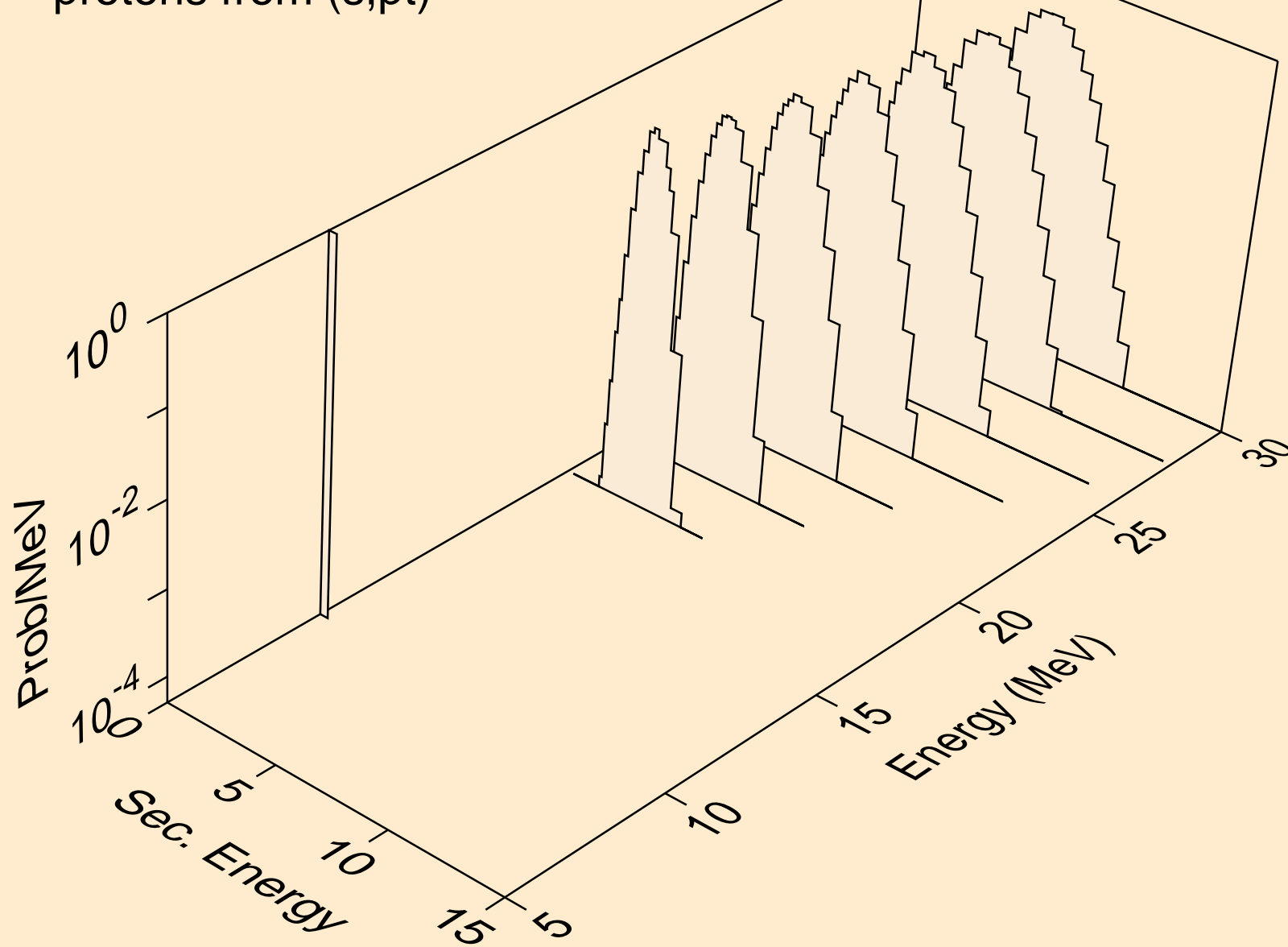
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
protons from (s,pa)



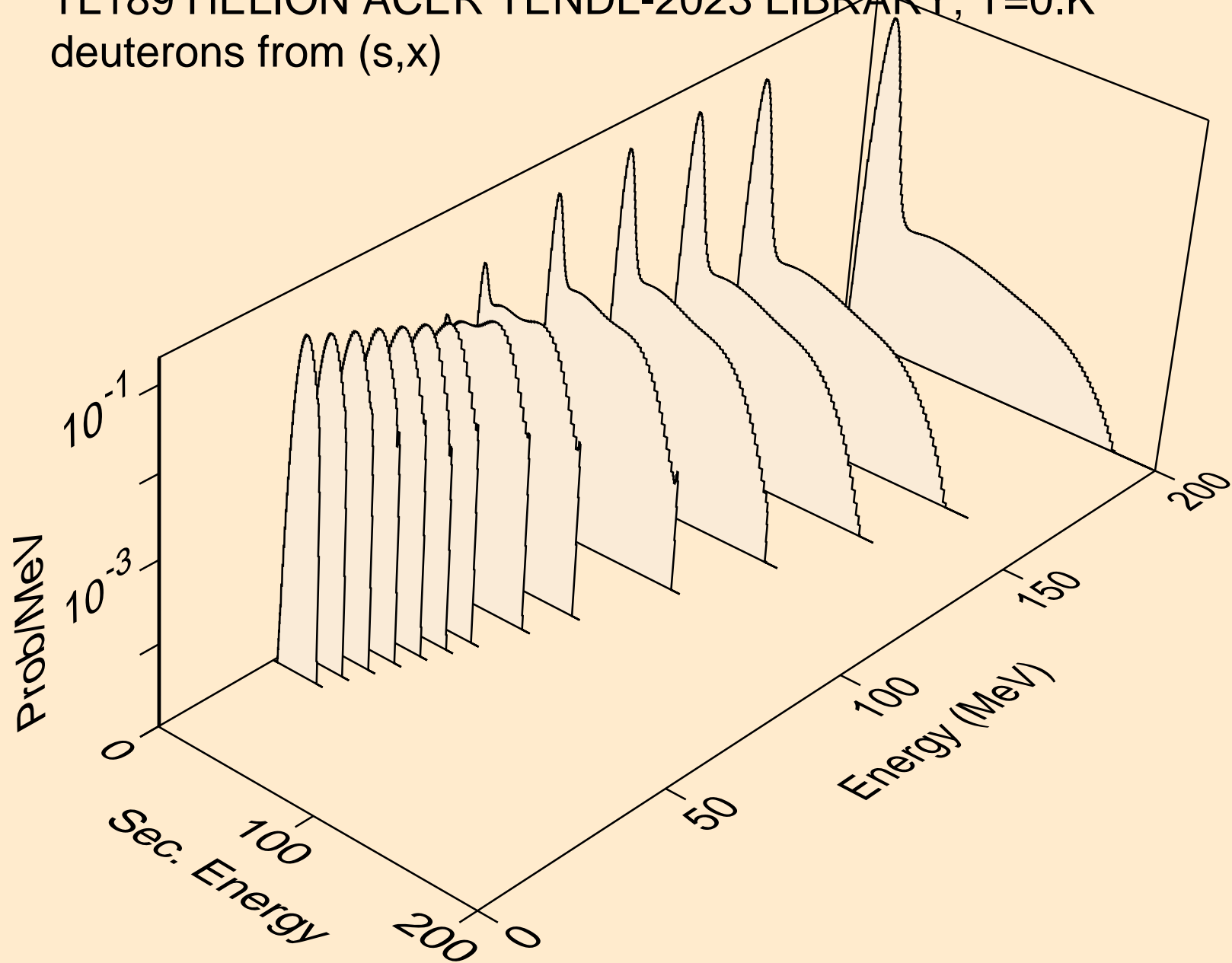
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
protons from (s,pd)



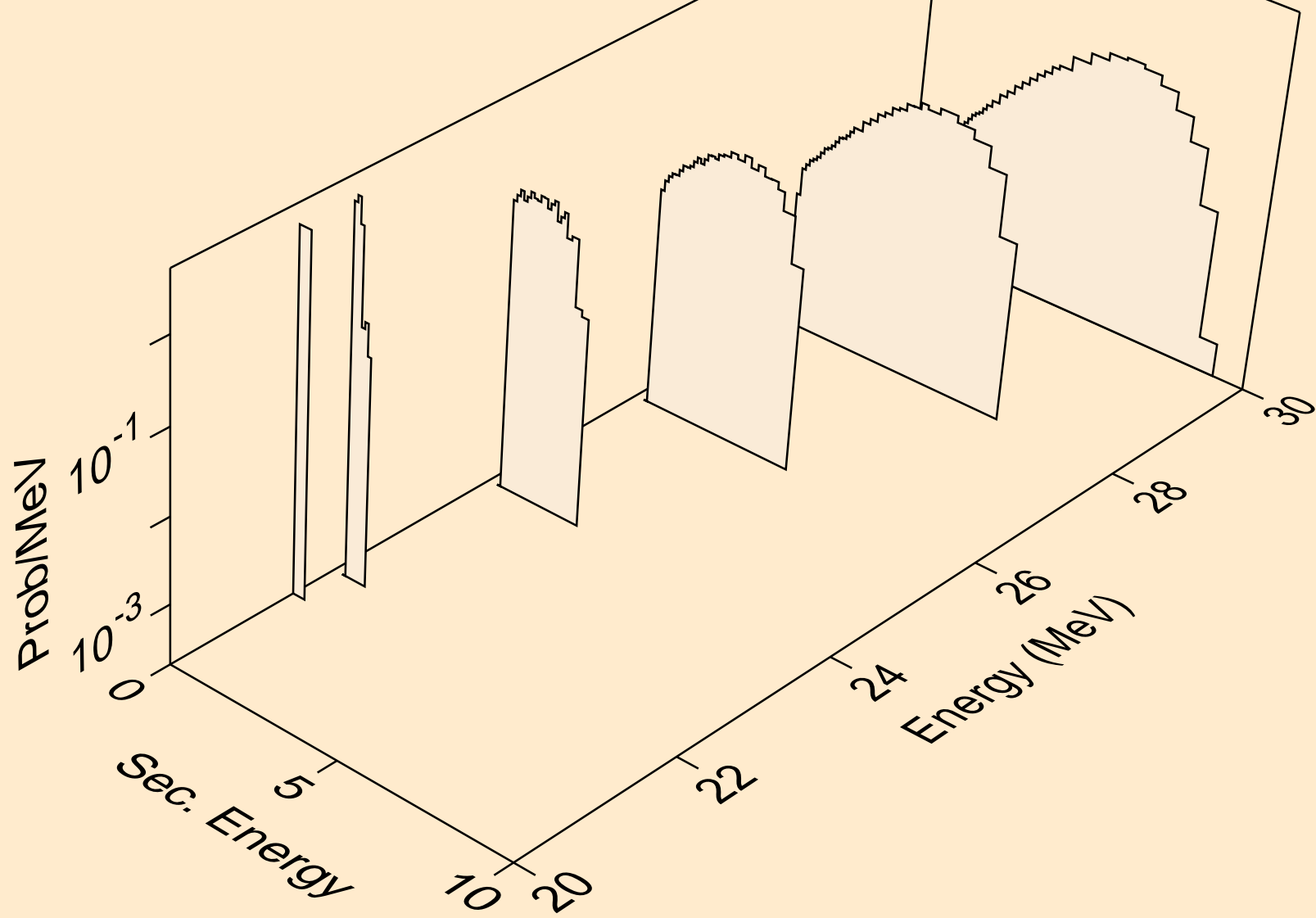
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
protons from (s,pt)



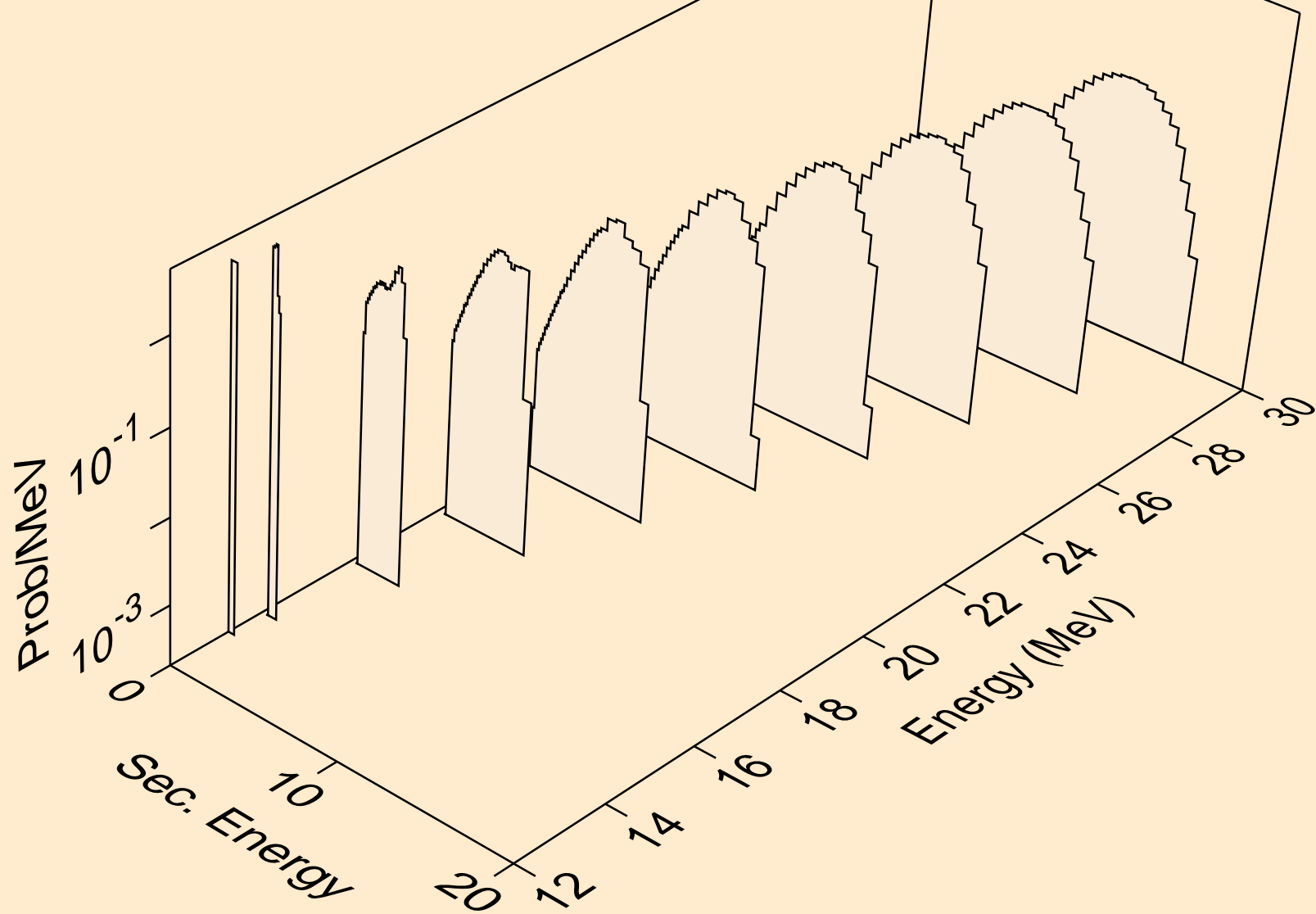
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (s,x)



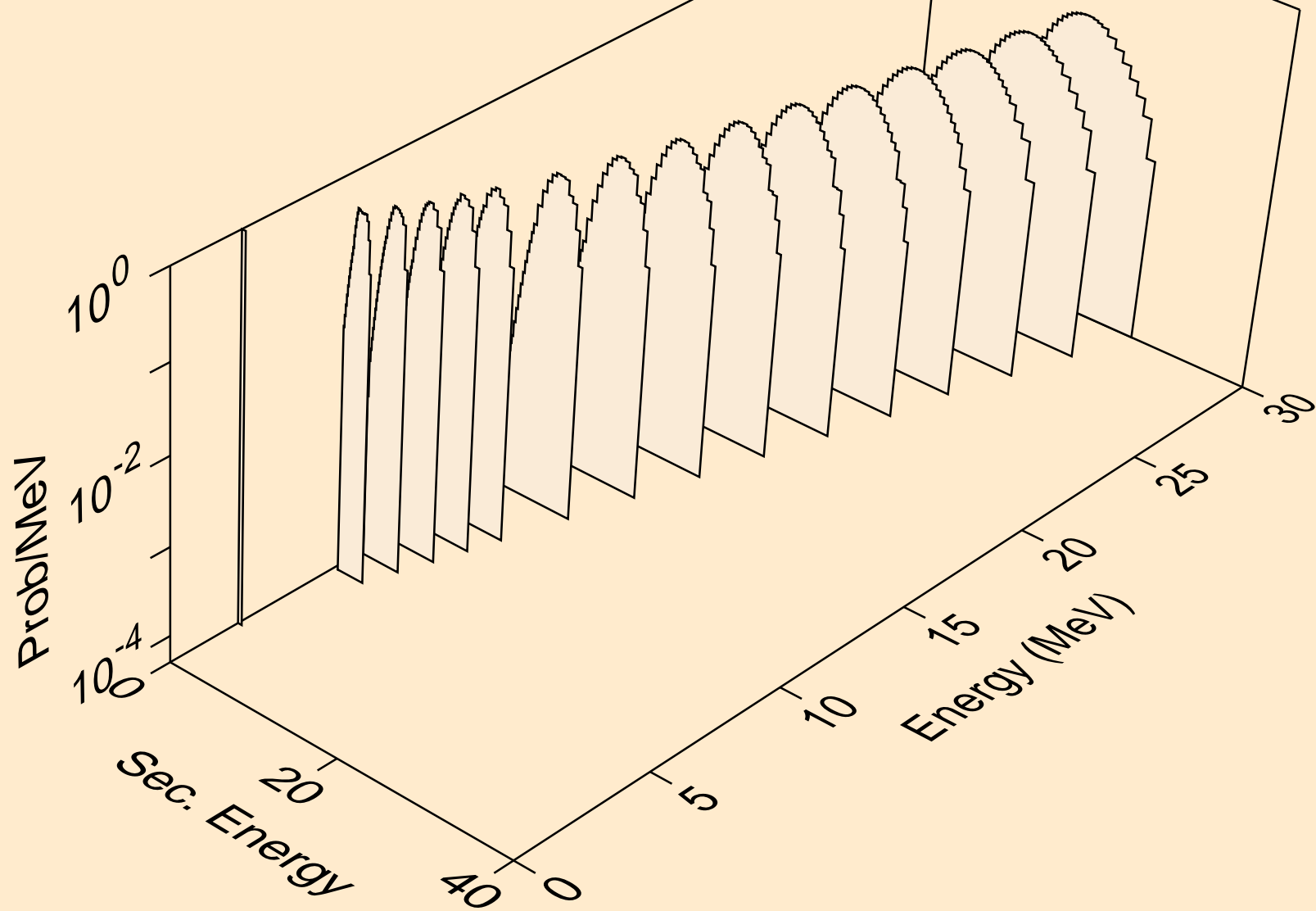
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (s,2nd)



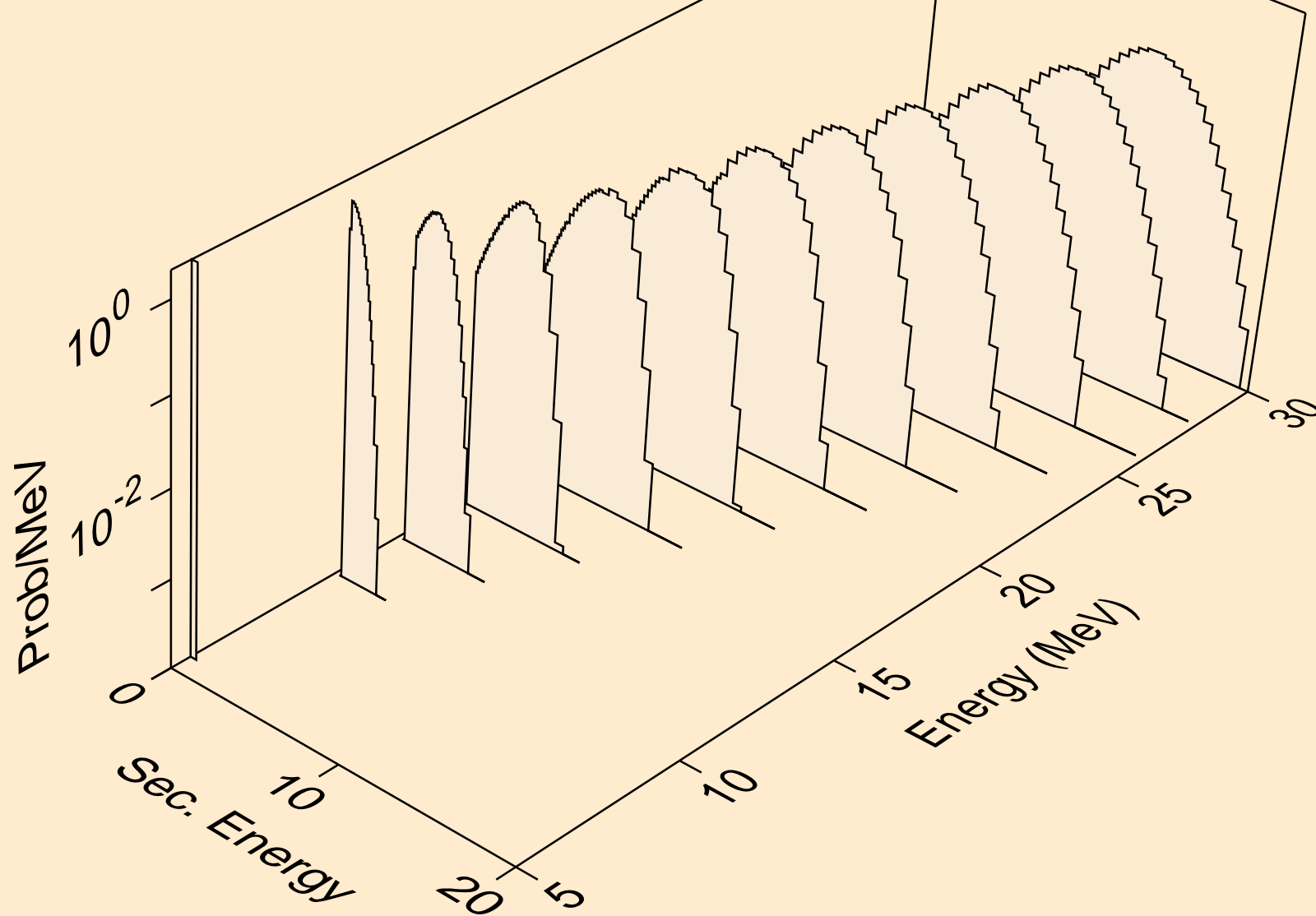
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (s,n*)d



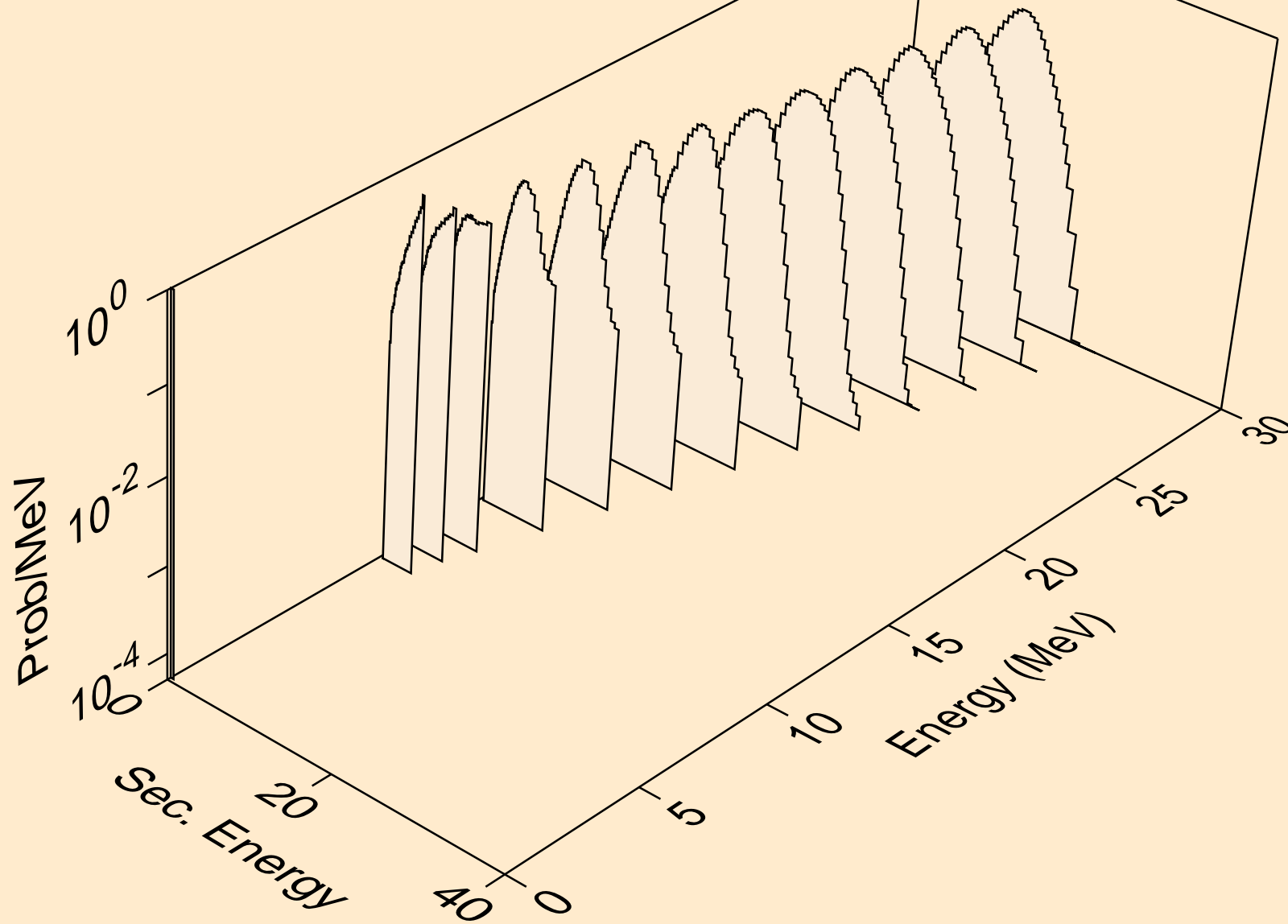
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (s,d)



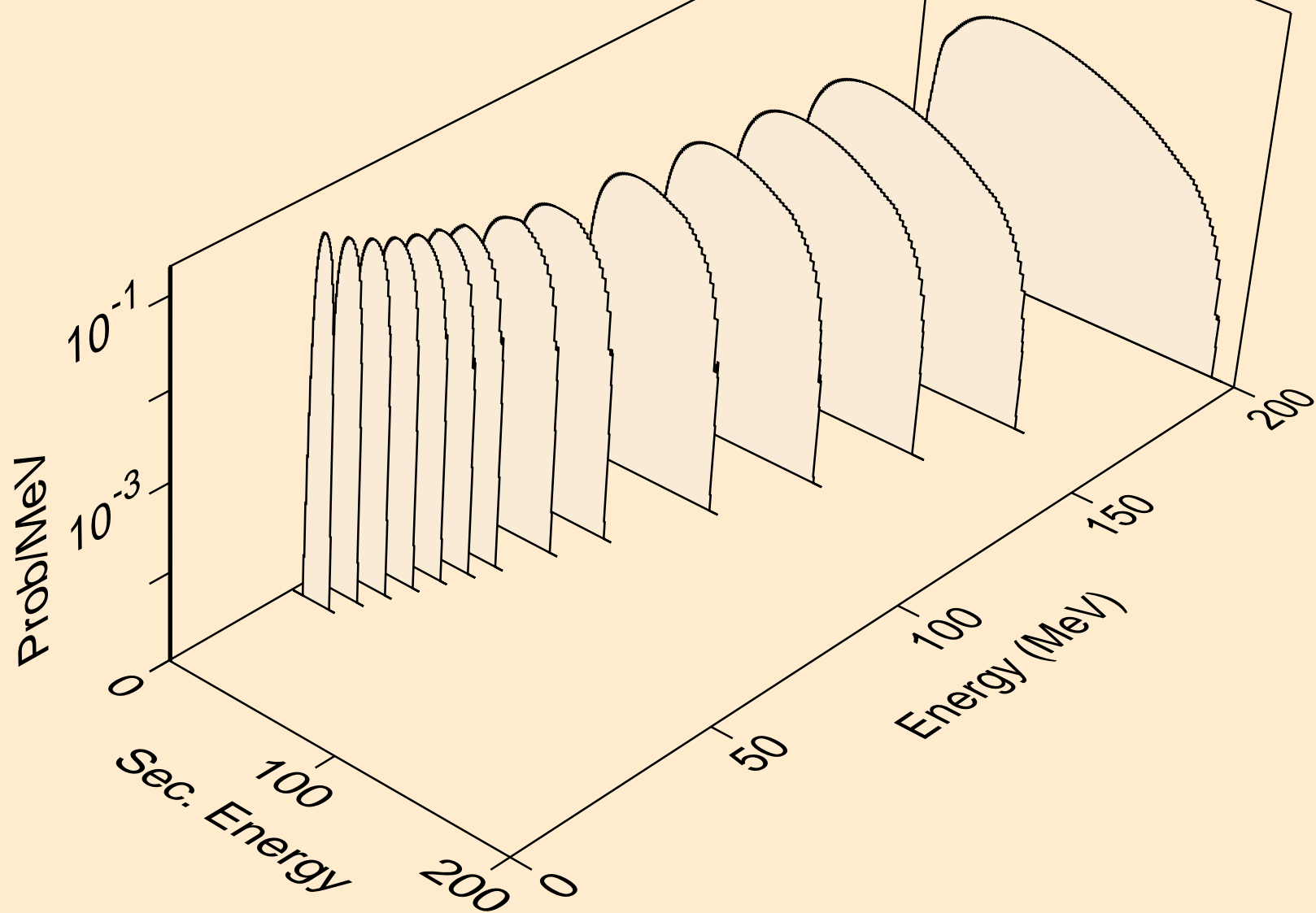
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (s,pd)



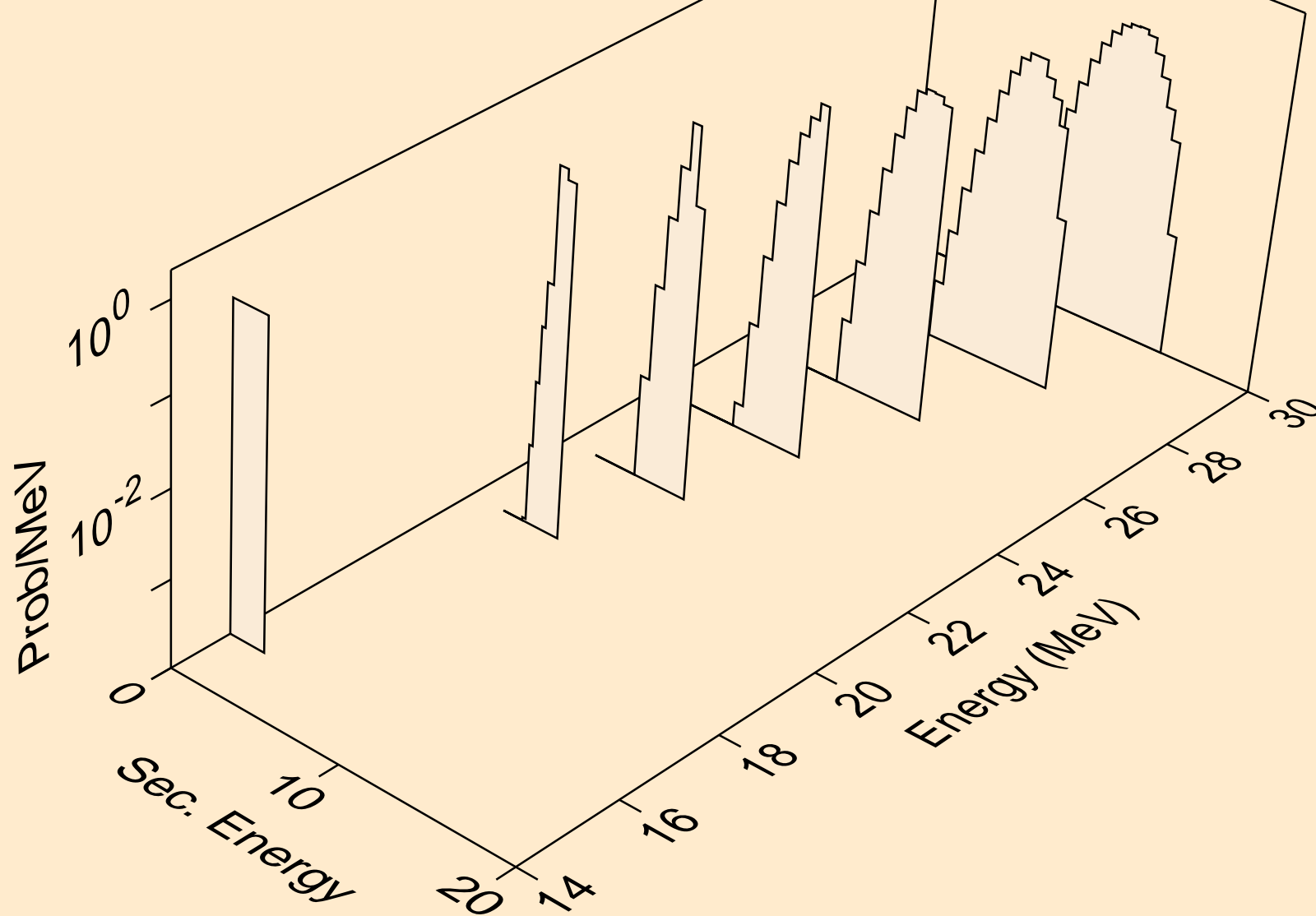
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (s,da)



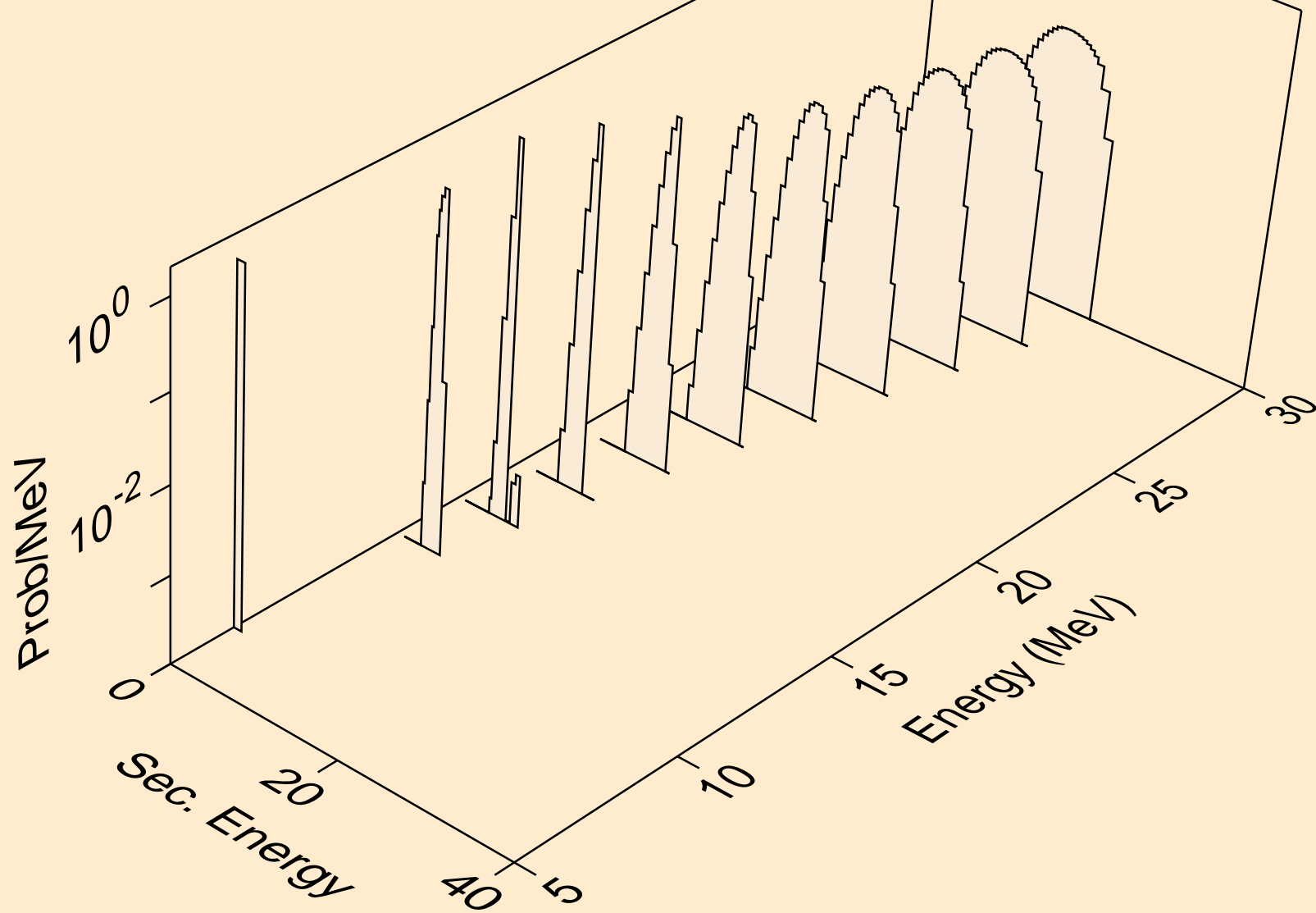
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
tritons from (s,x)



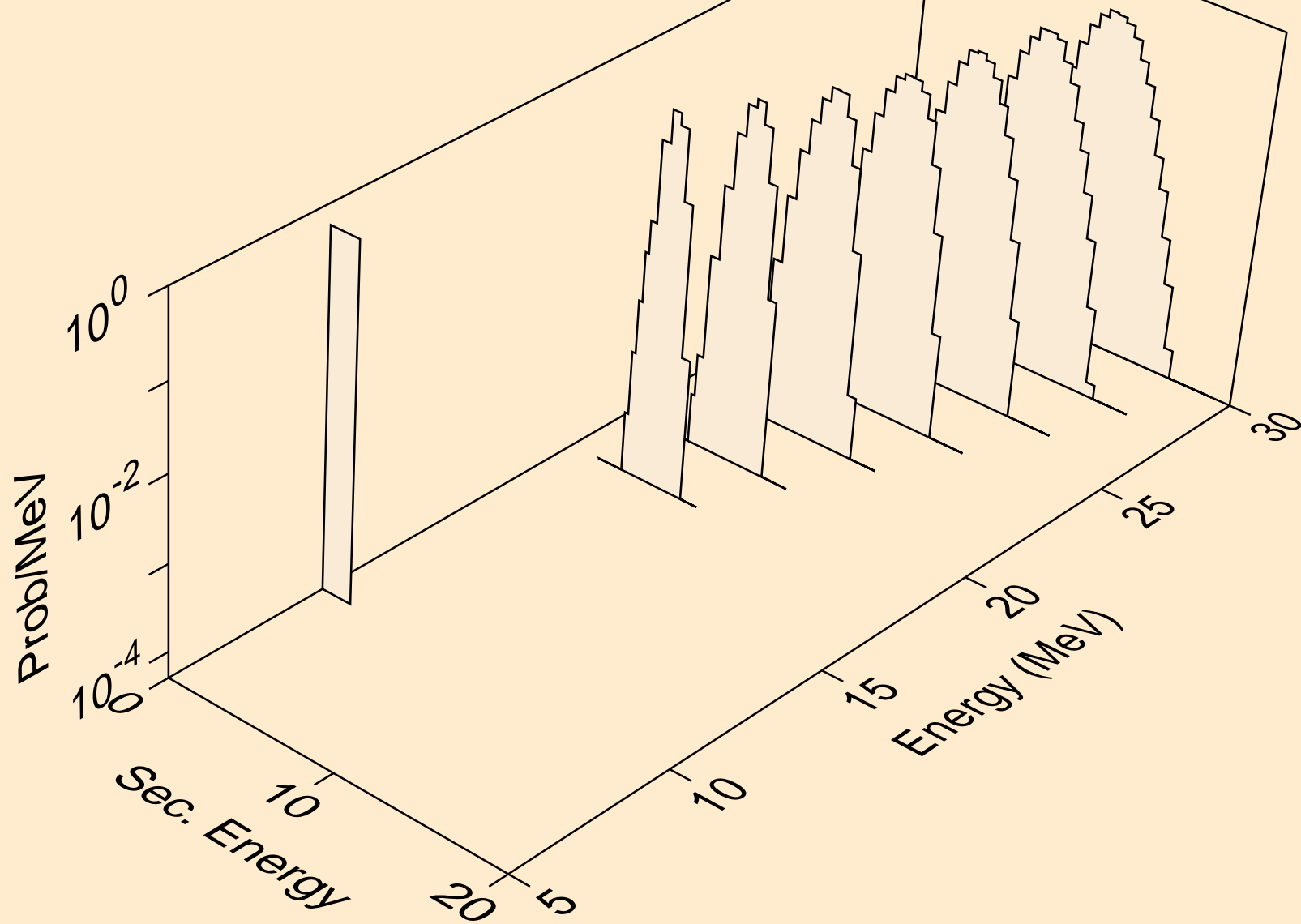
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
tritons from (s,n*)t



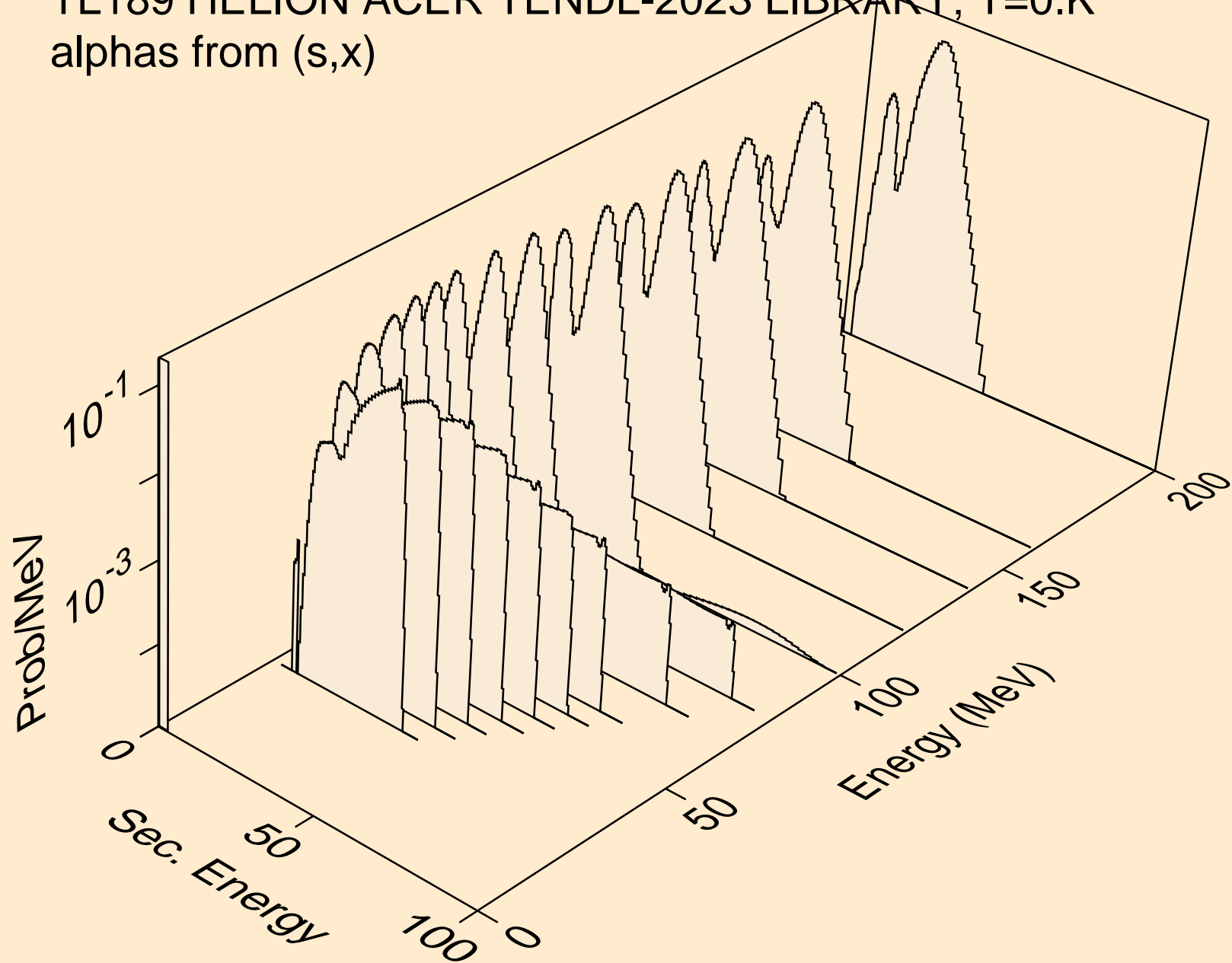
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
tritons from (s,t)



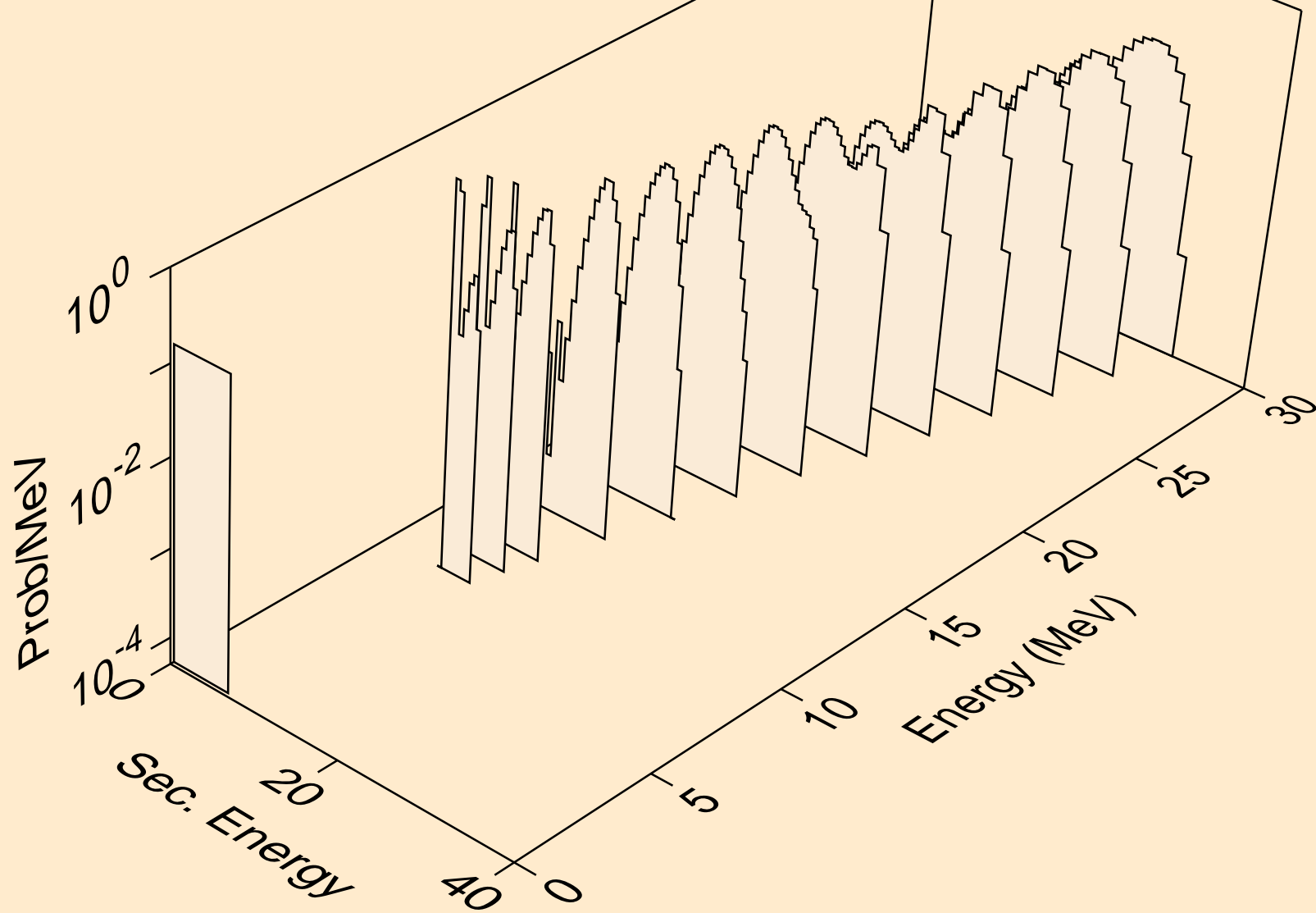
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
tritons from (s,pt)



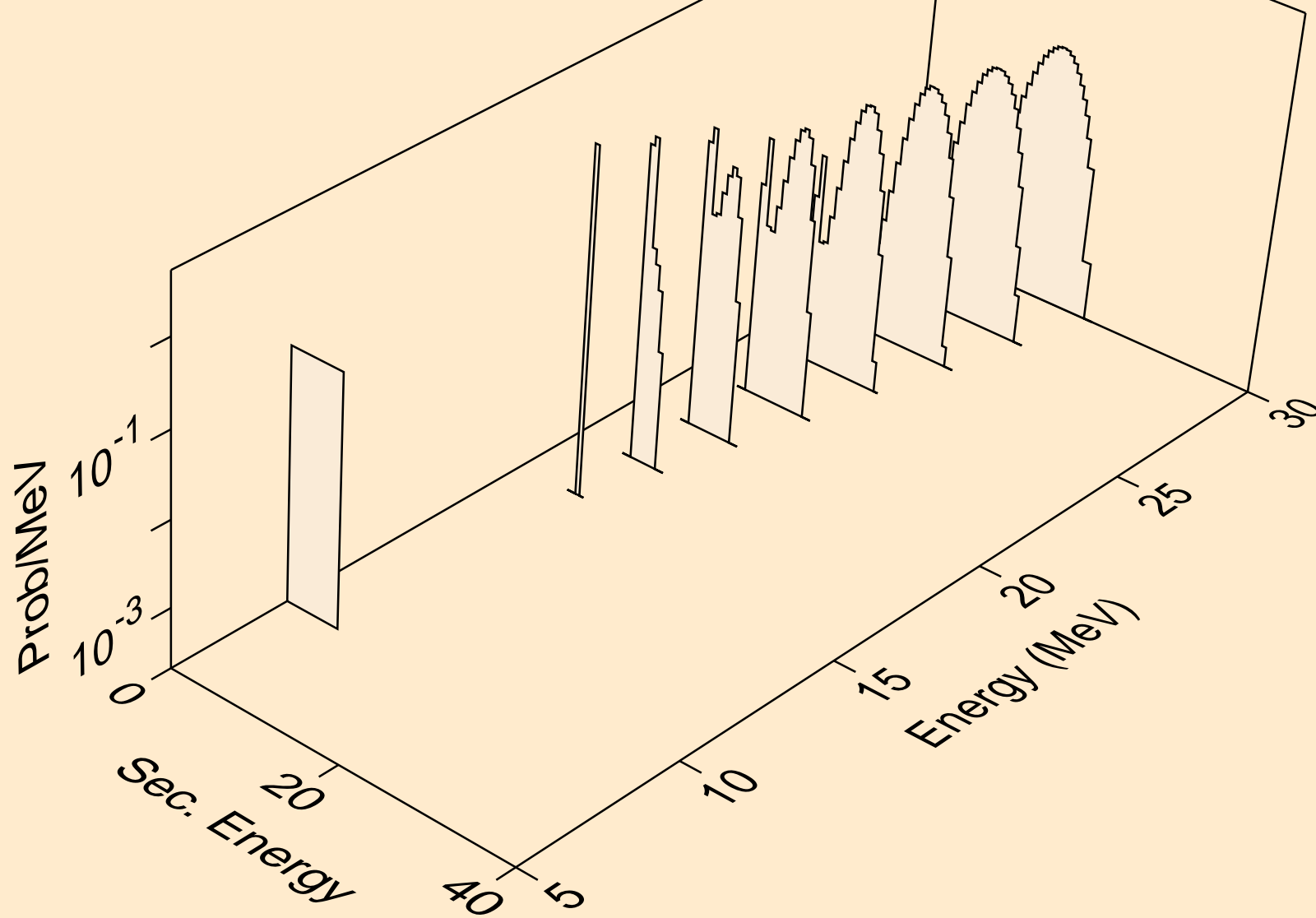
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,x)



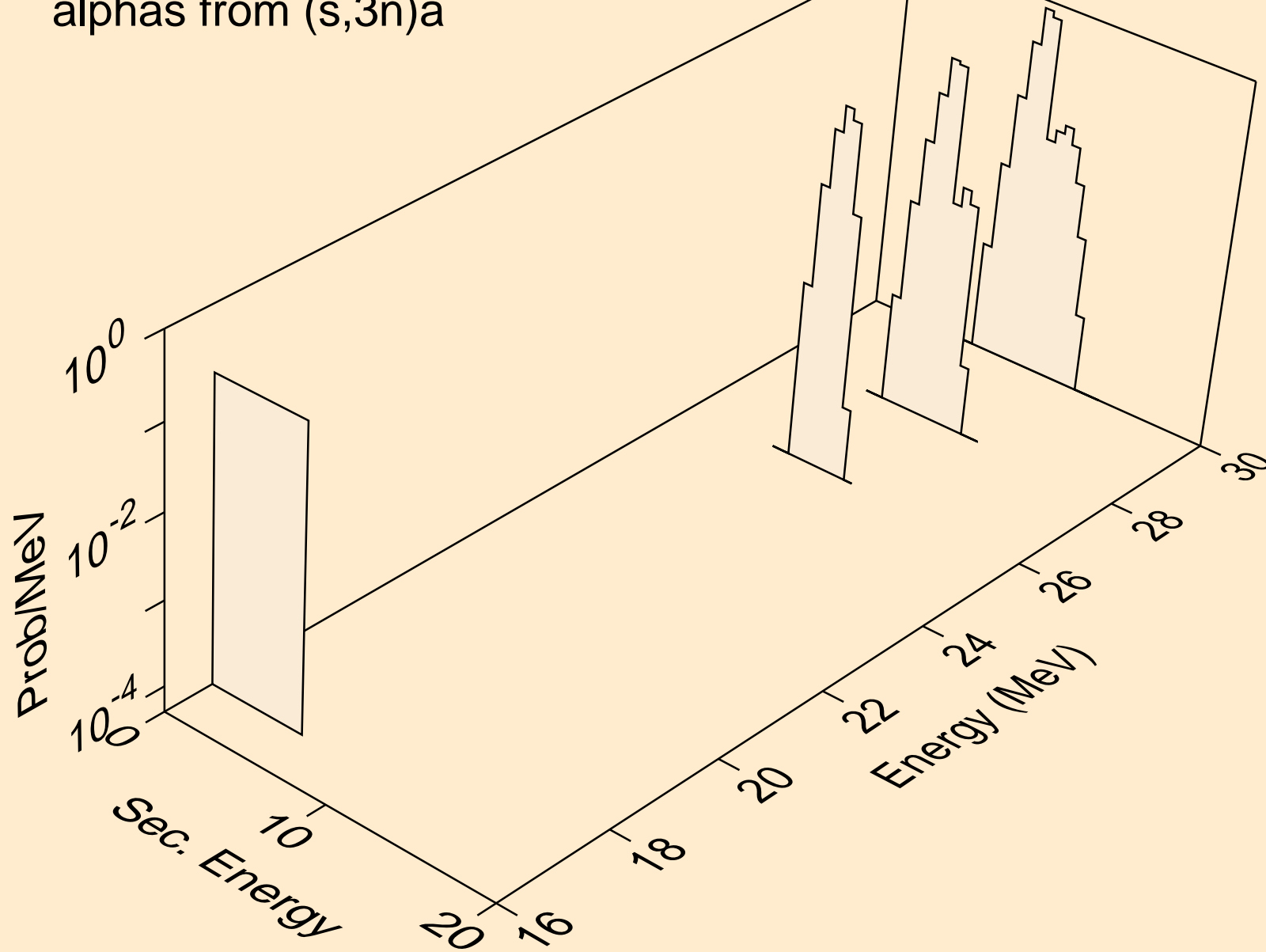
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,n*)a



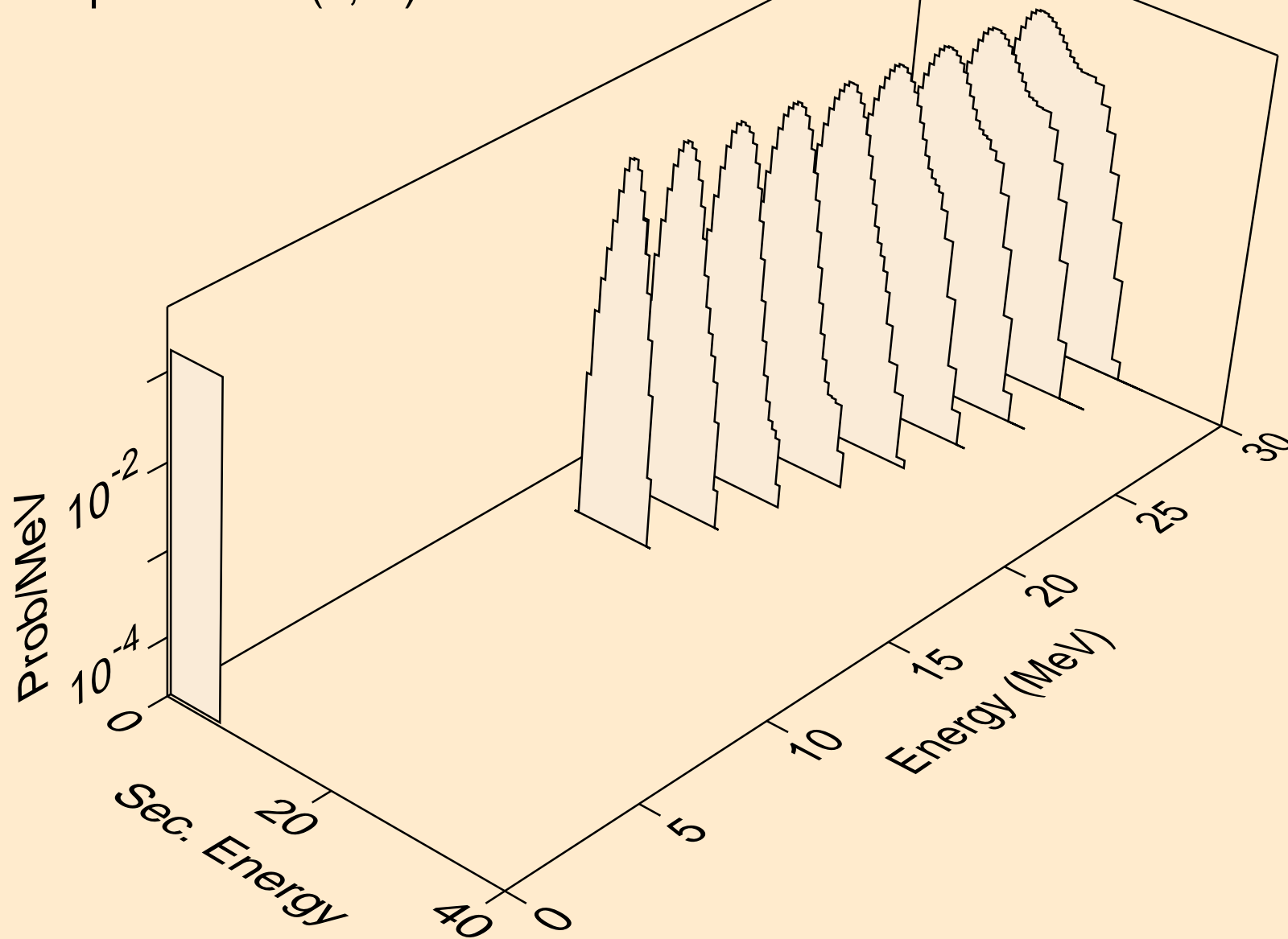
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,2n)a



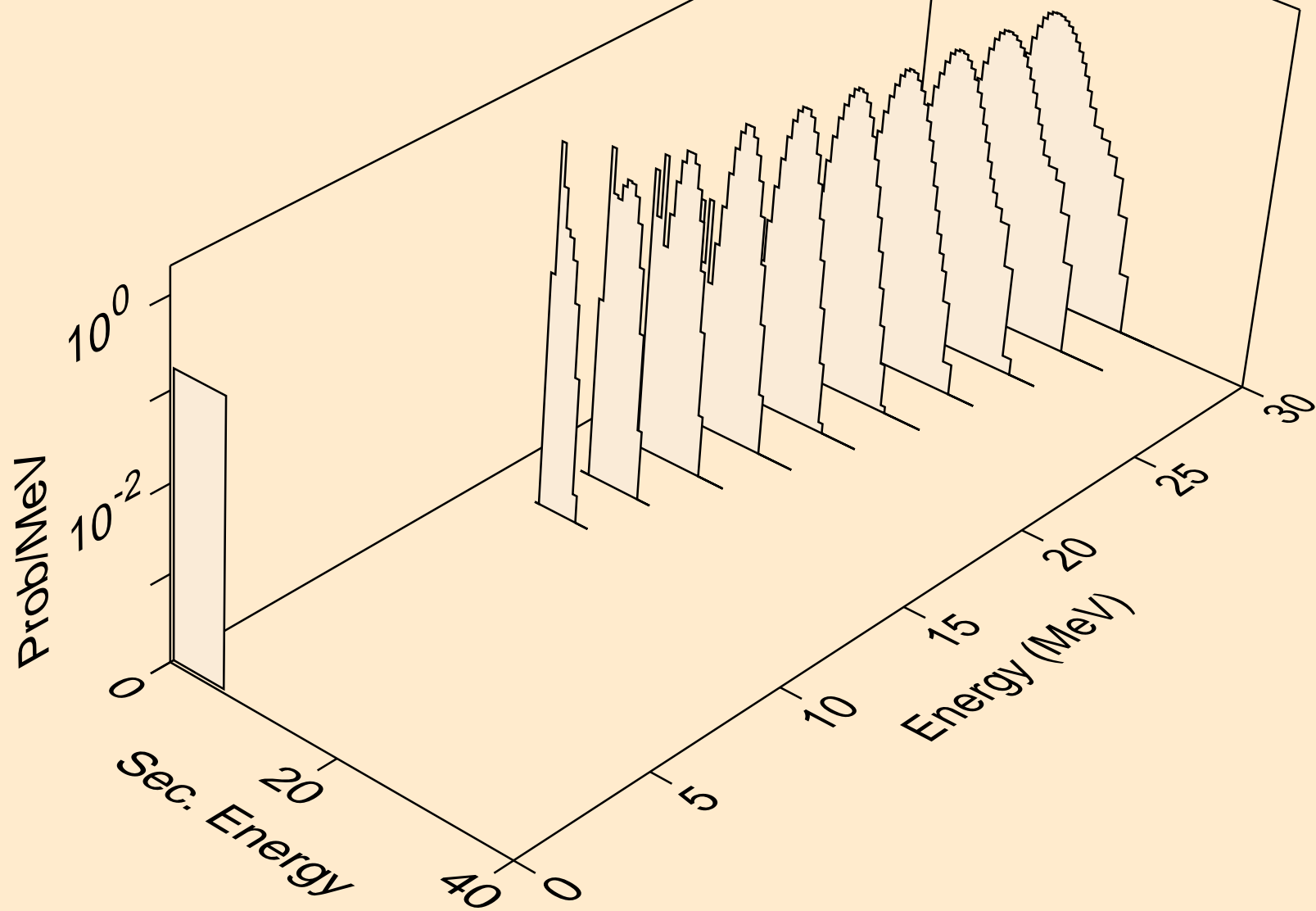
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,3n)a



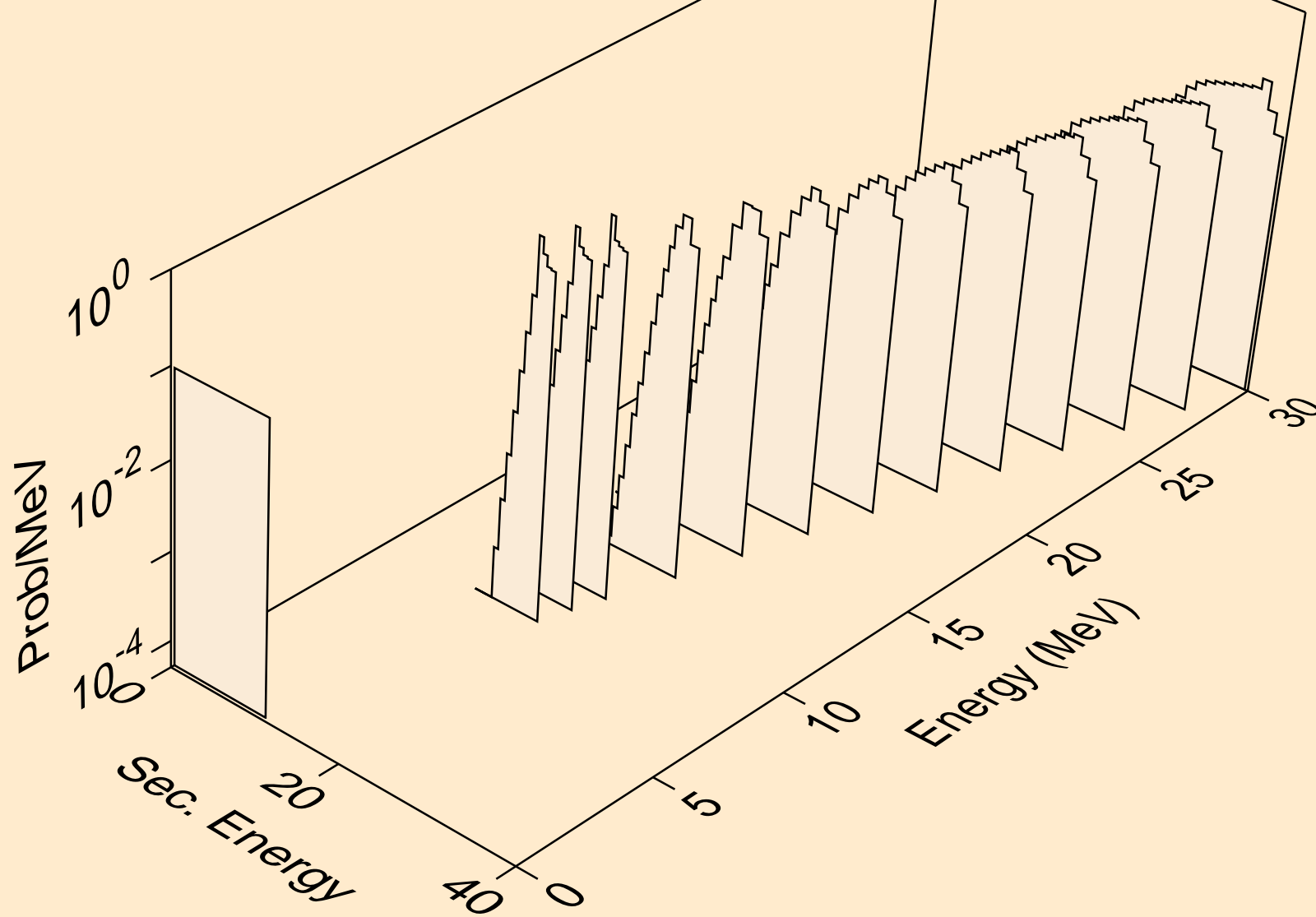
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,n*)2a



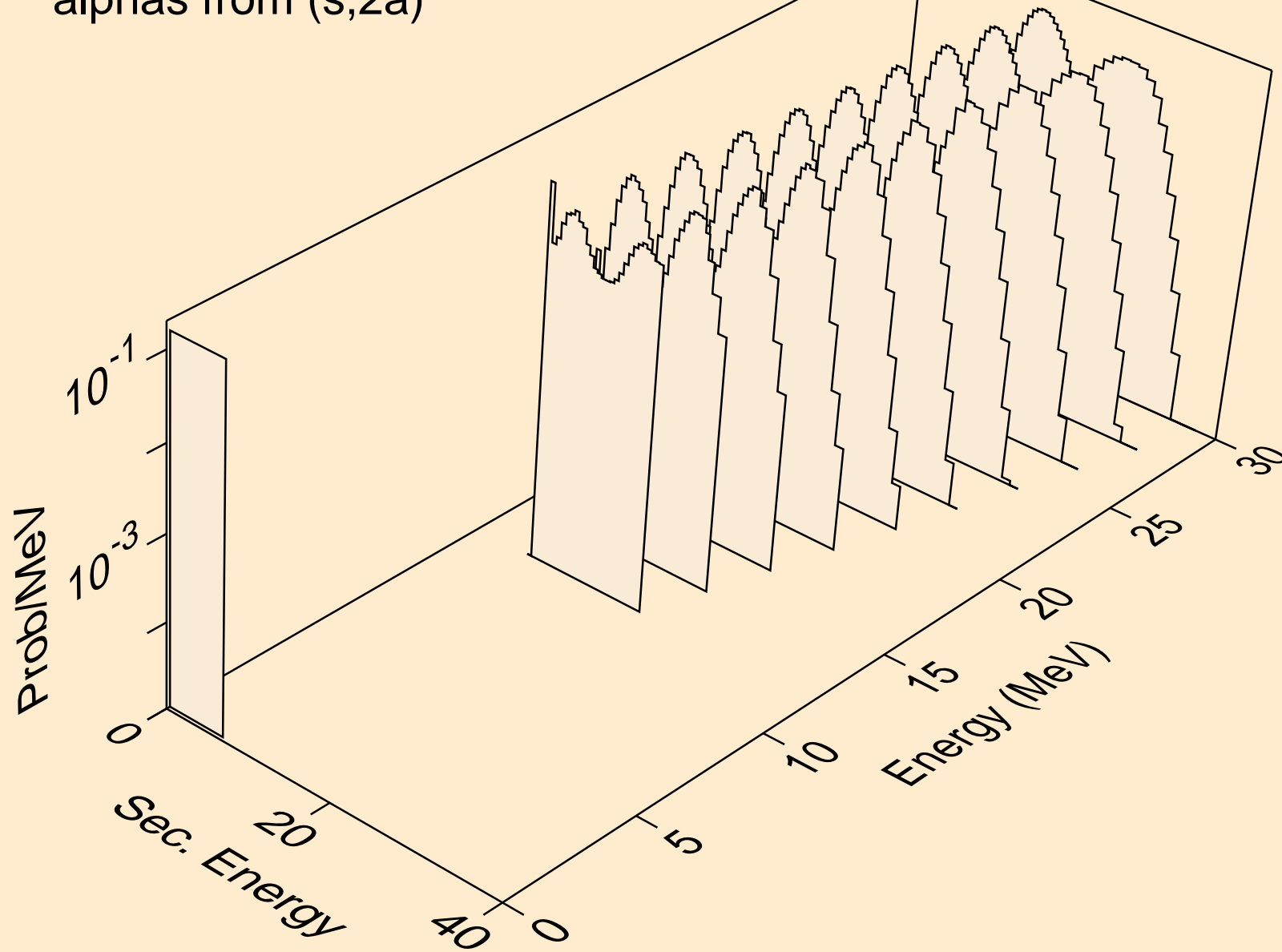
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,npa)



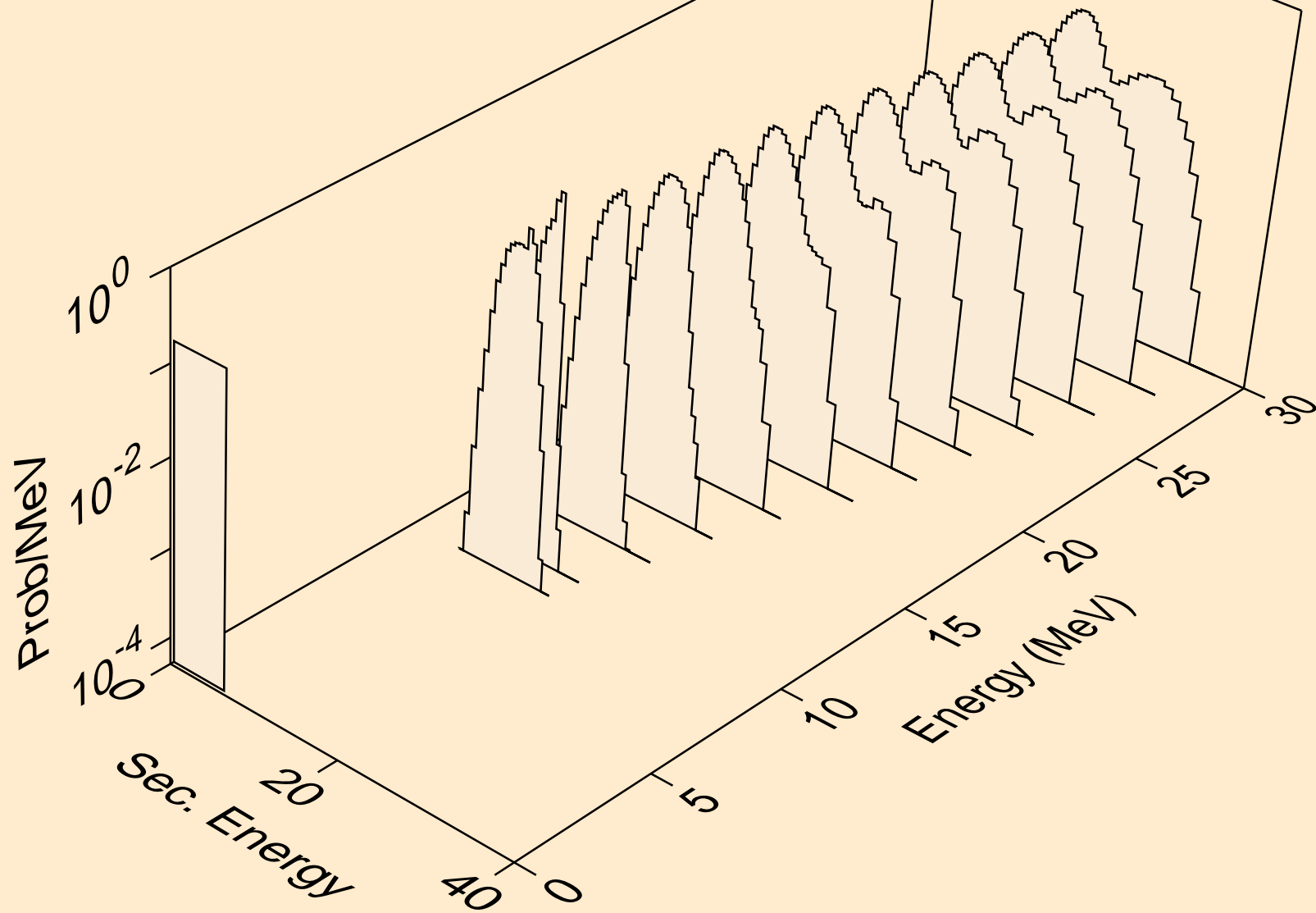
TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,a)



TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,2a)



TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,pa)



TL189 HELION ACER TENDL-2023 LIBRARY; T=0.K
alphas from (s,da)

