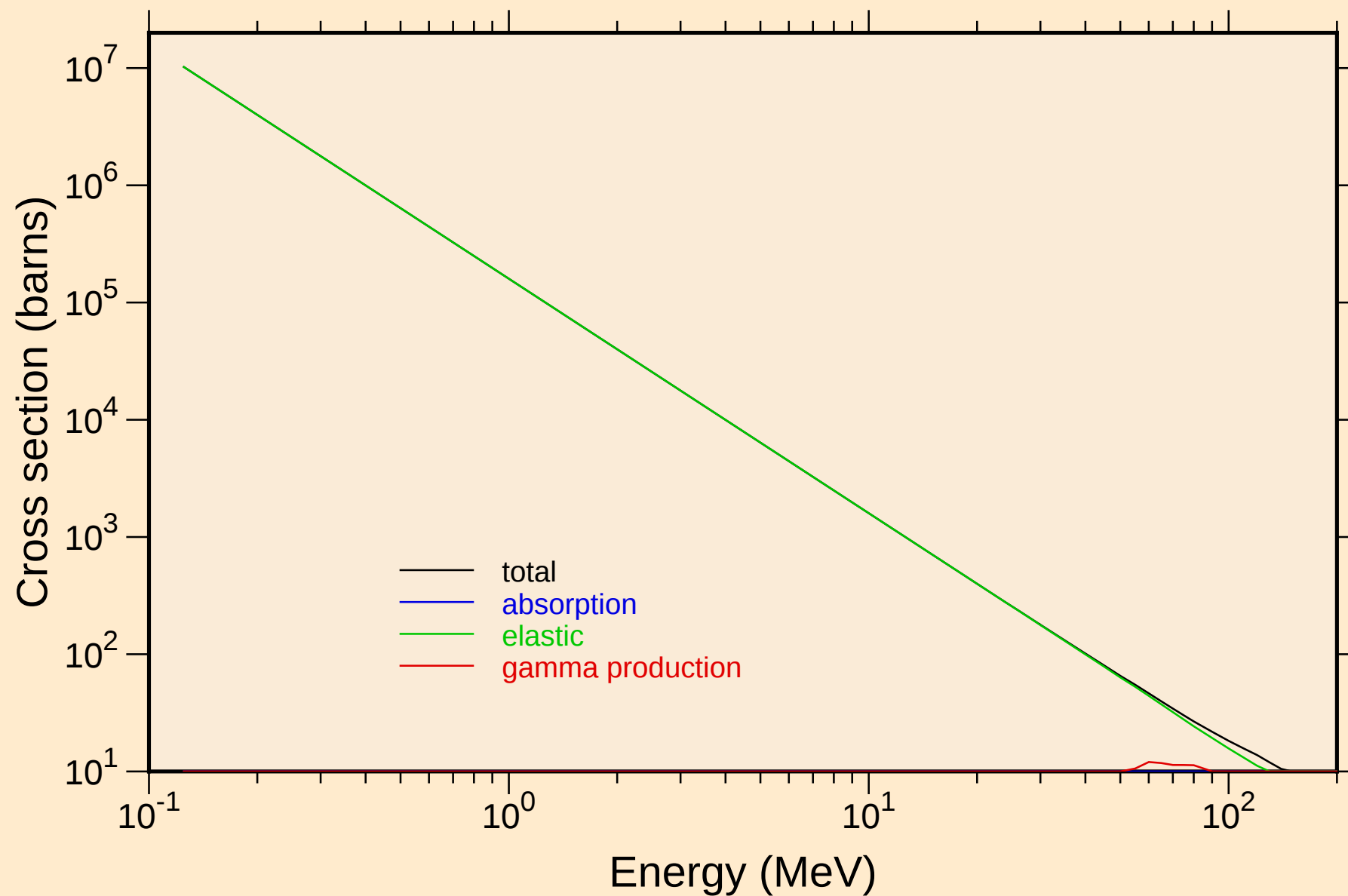


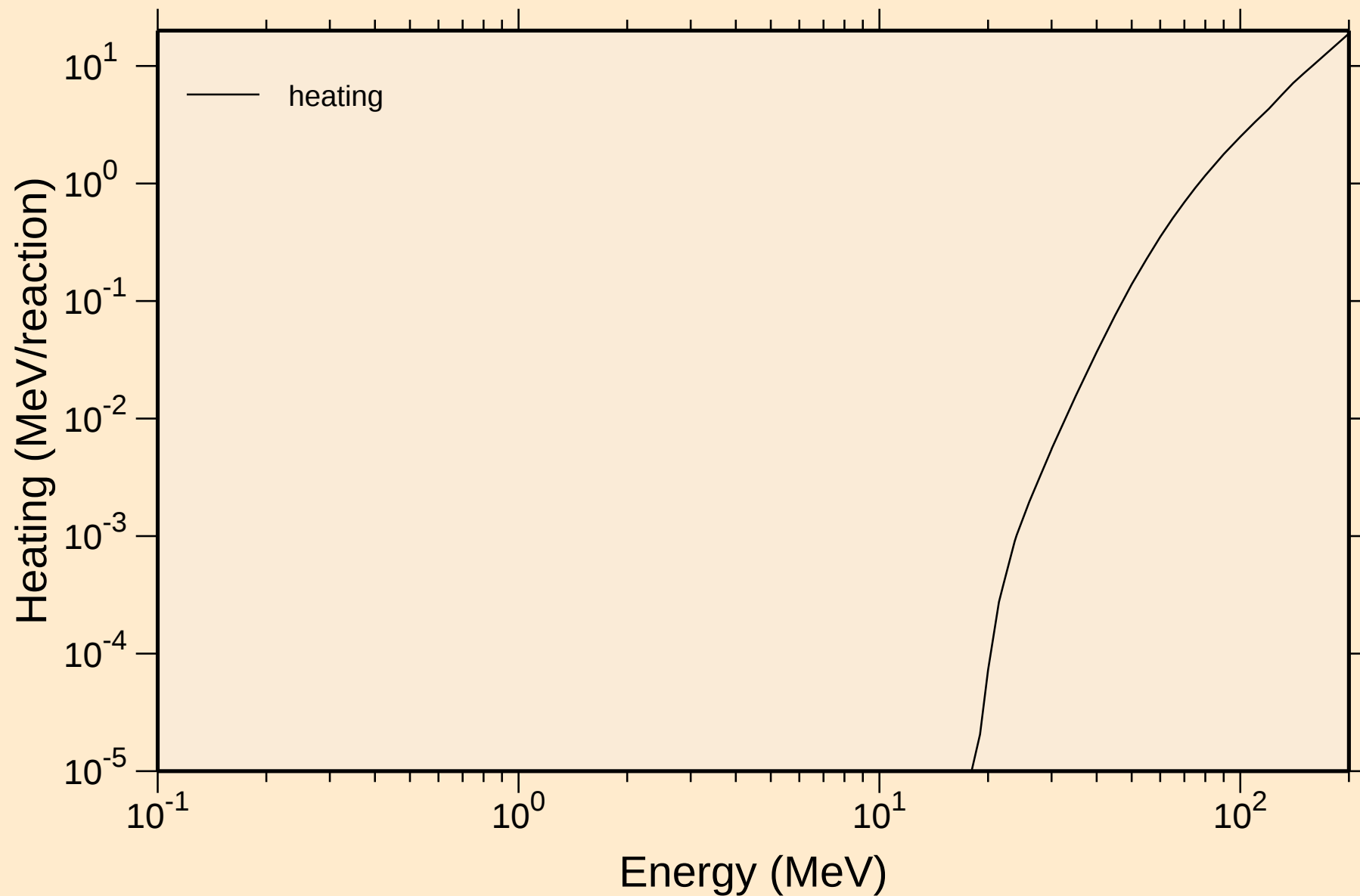
AU189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections



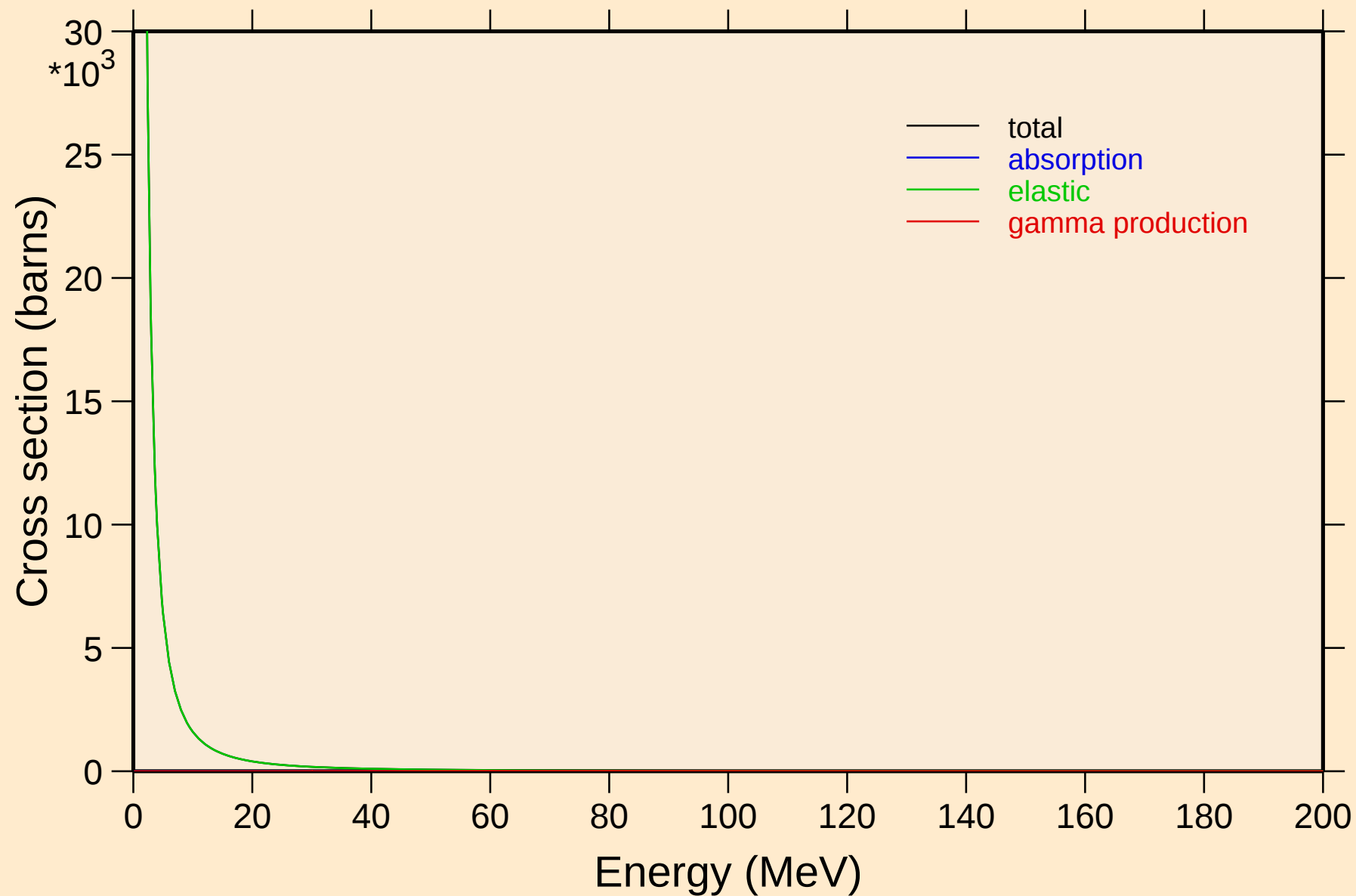
AU189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Heating



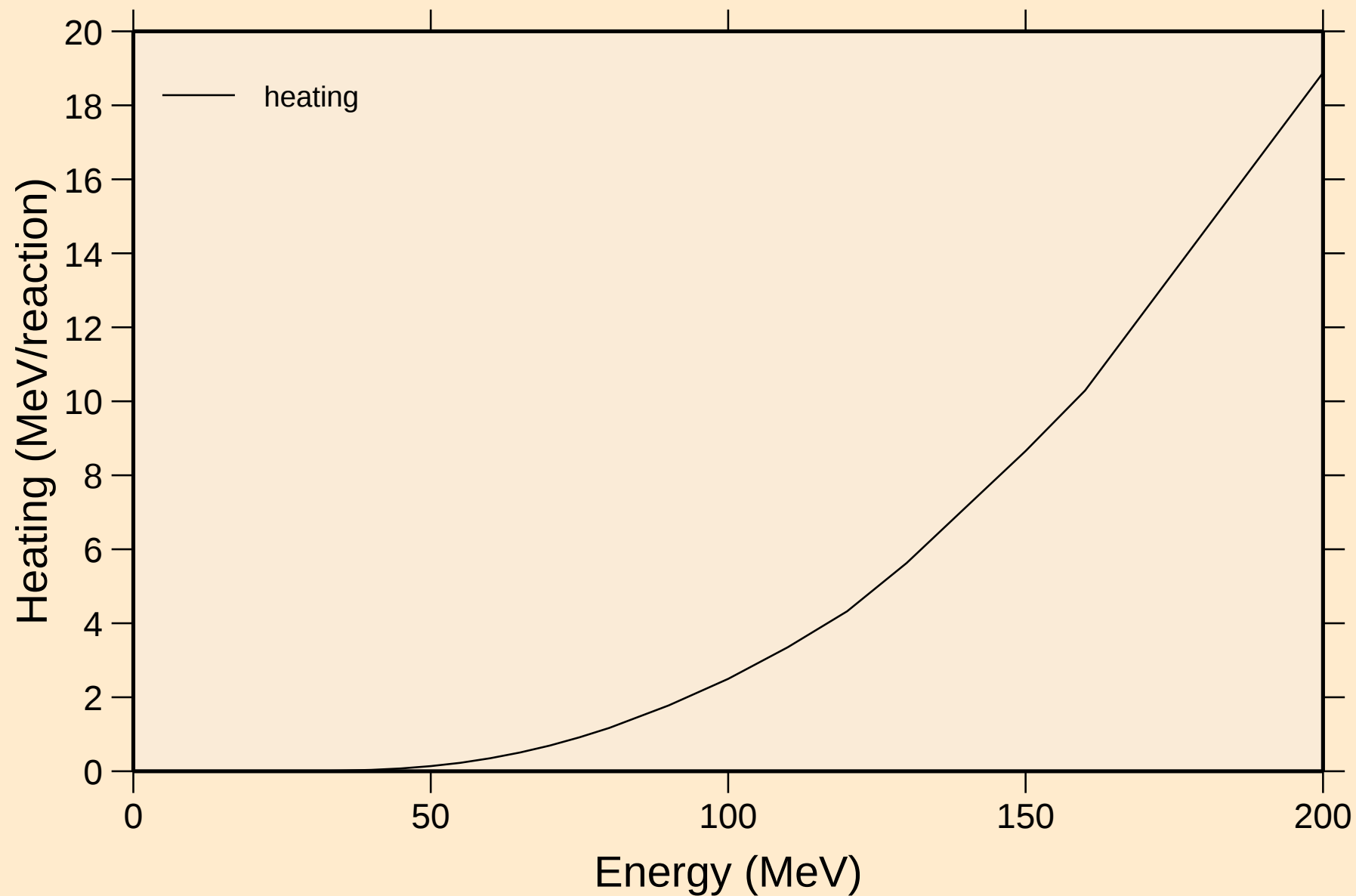
AU189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections



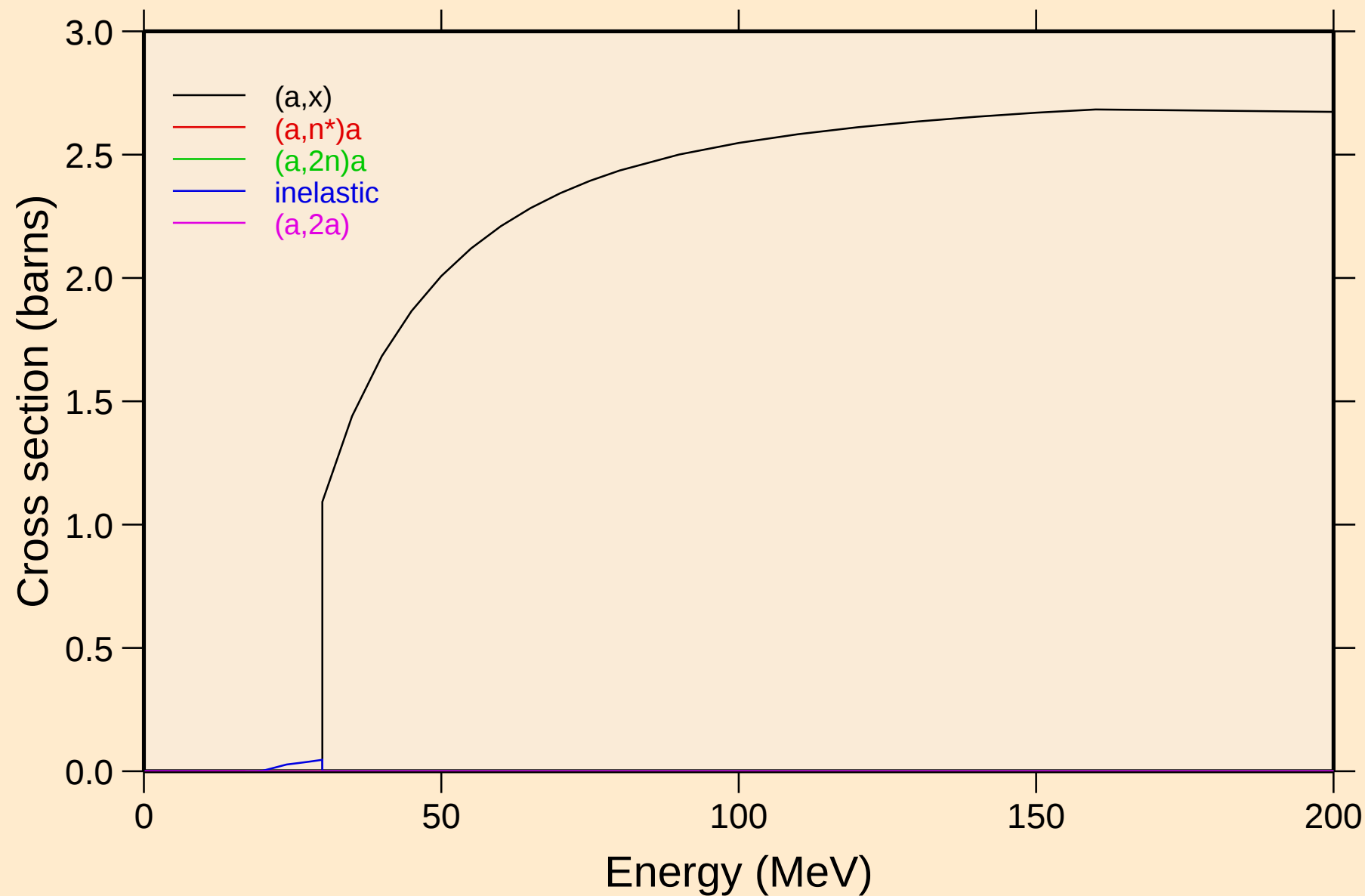
AU189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Heating

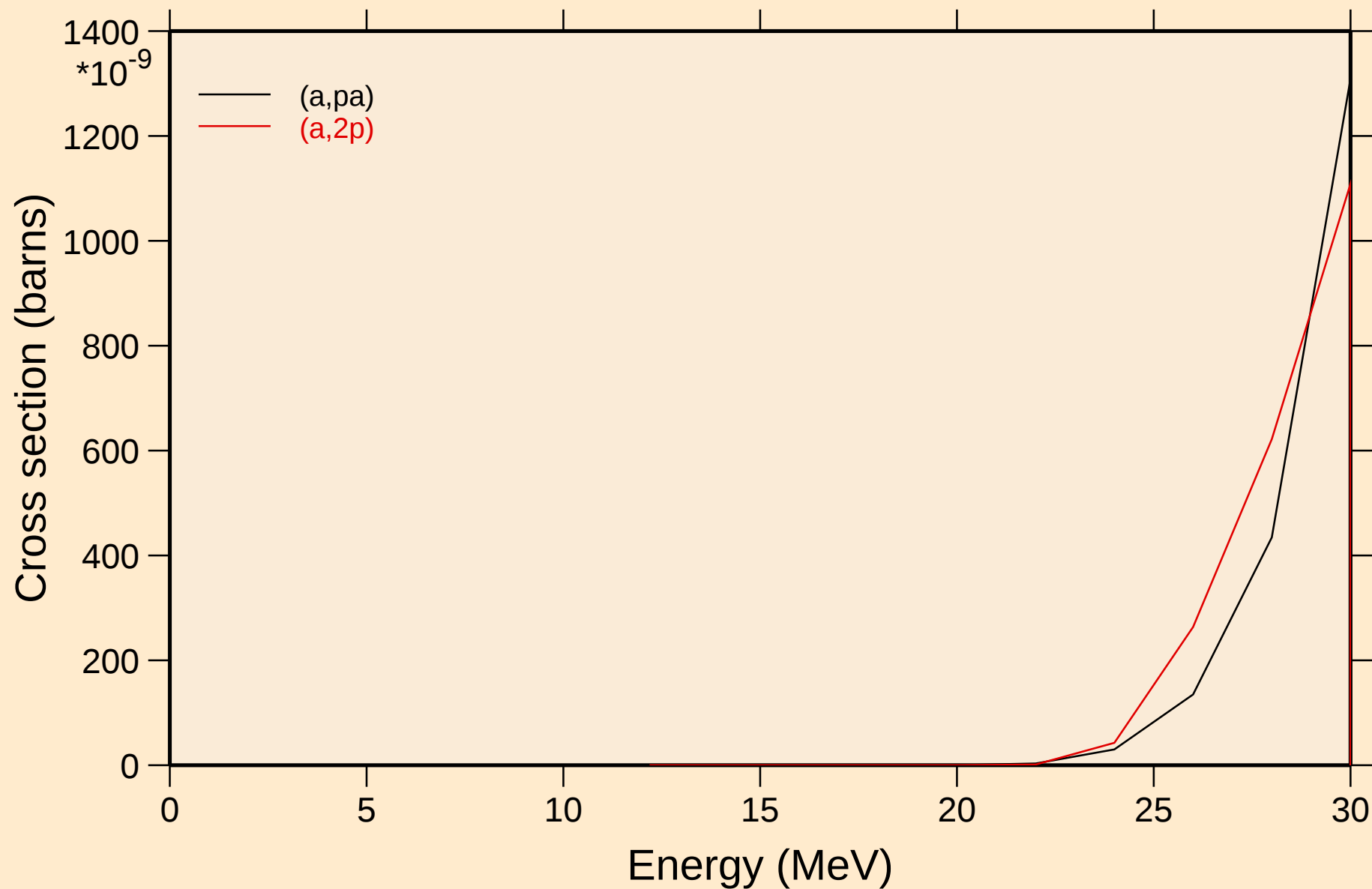


AU189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

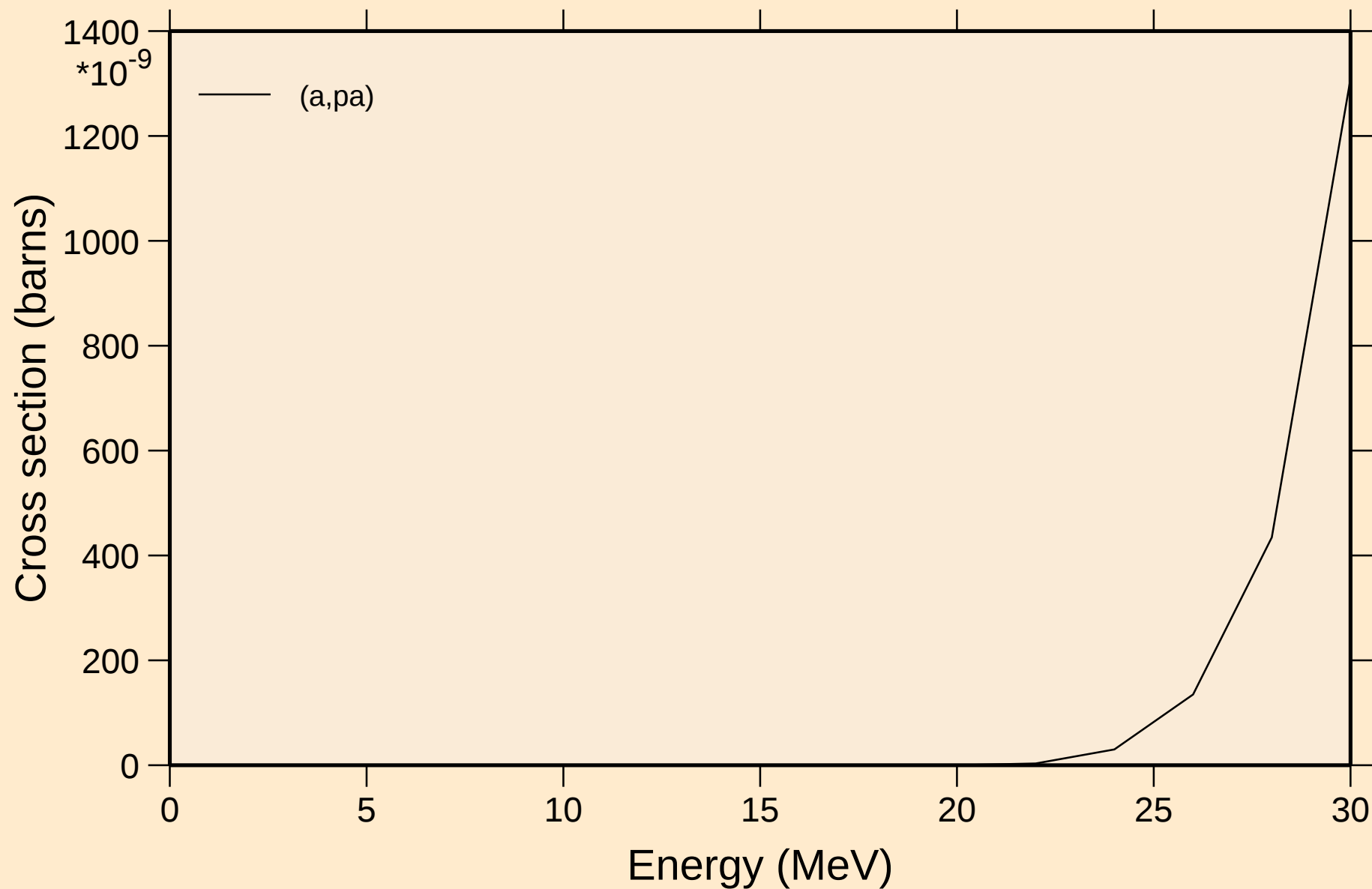
Threshold reactions



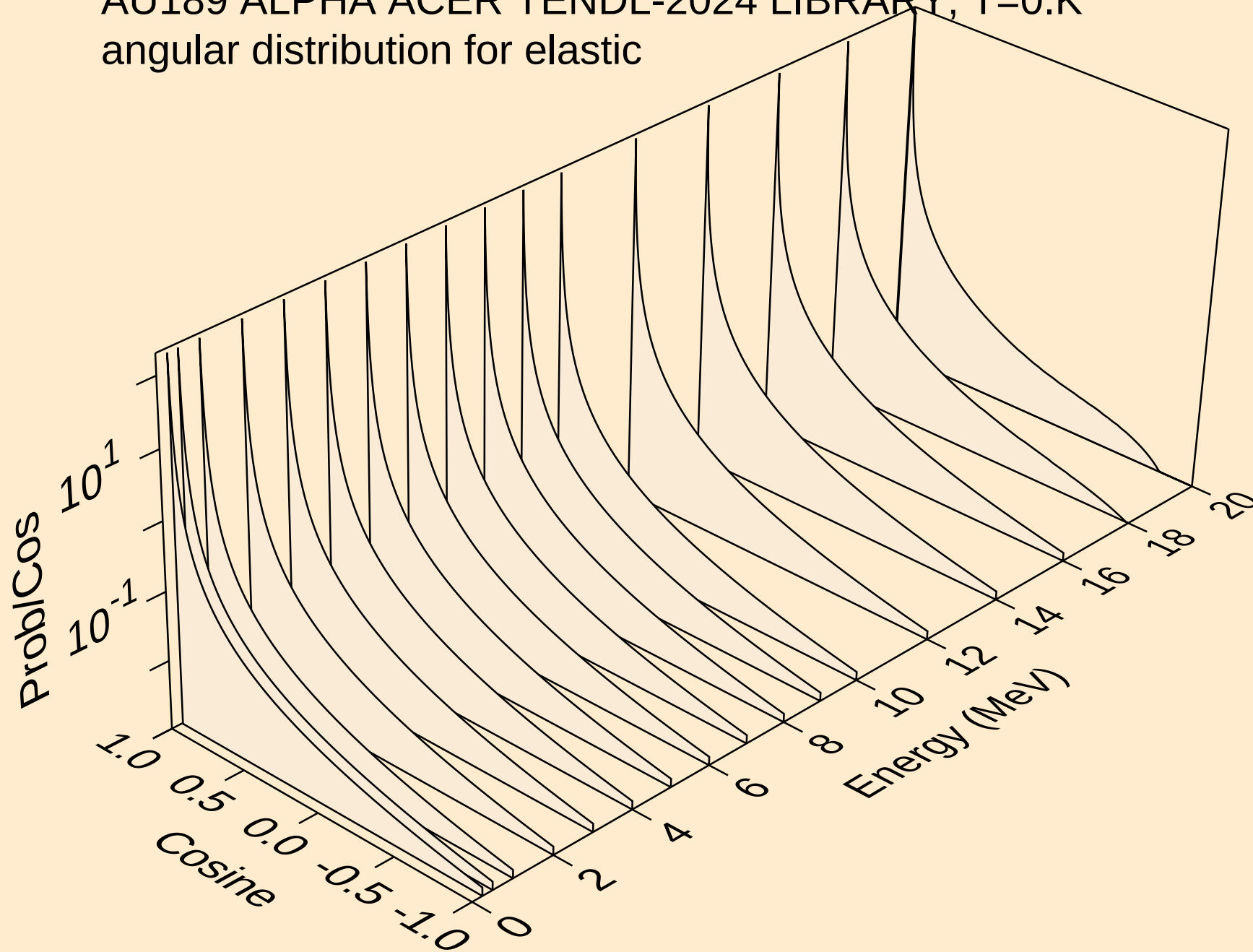
AU189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions



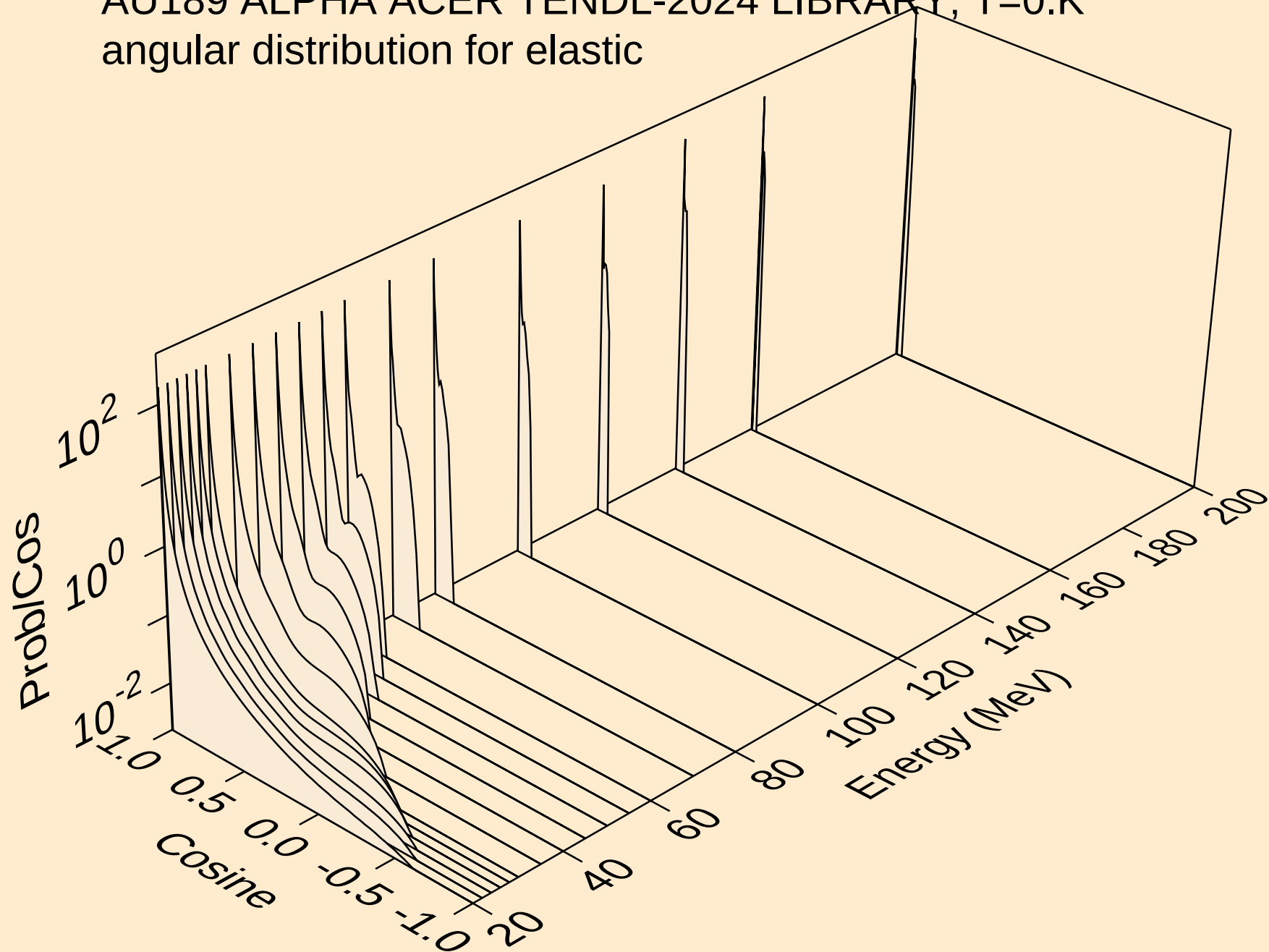
AU189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions



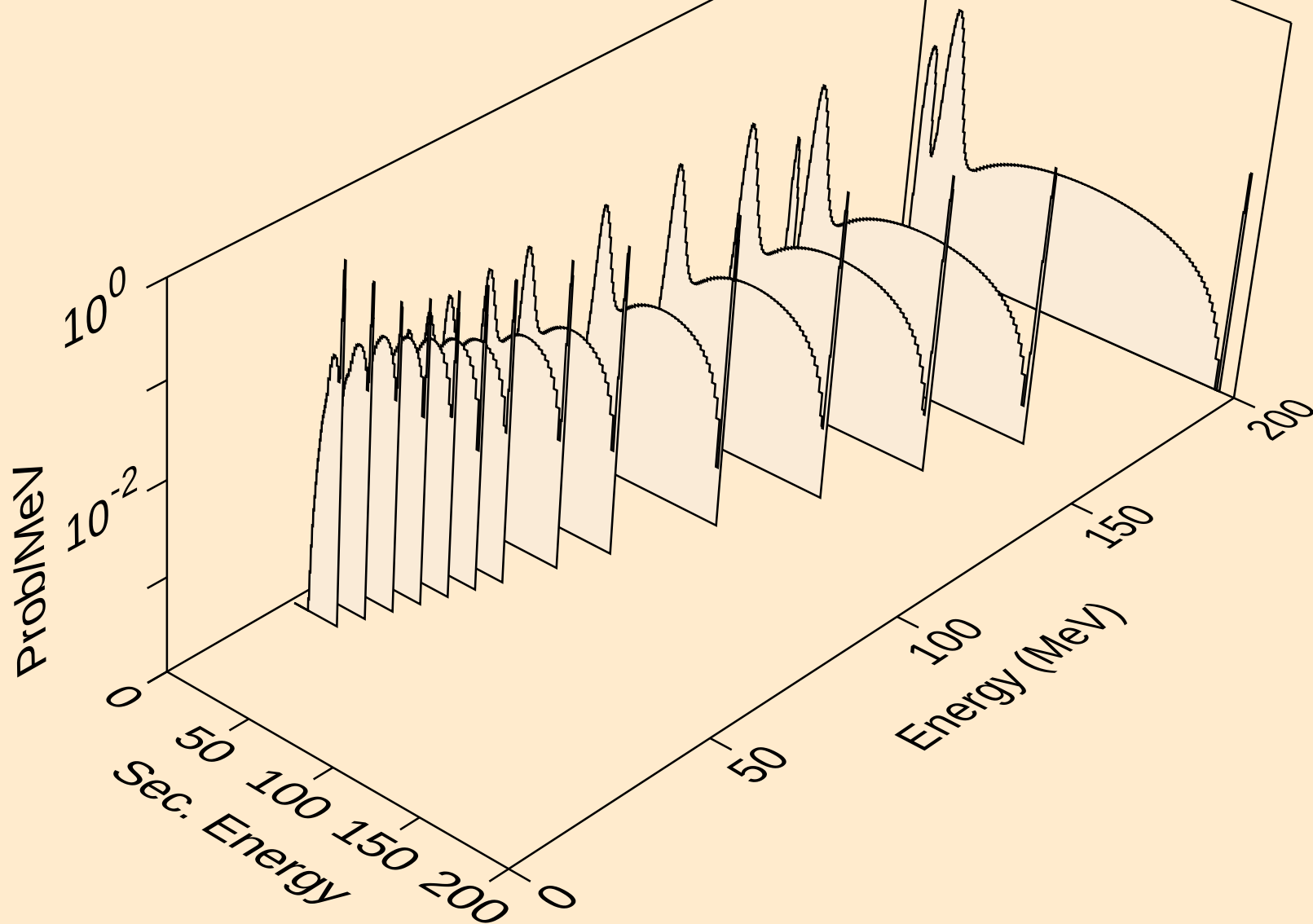
AU189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic



AU189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic

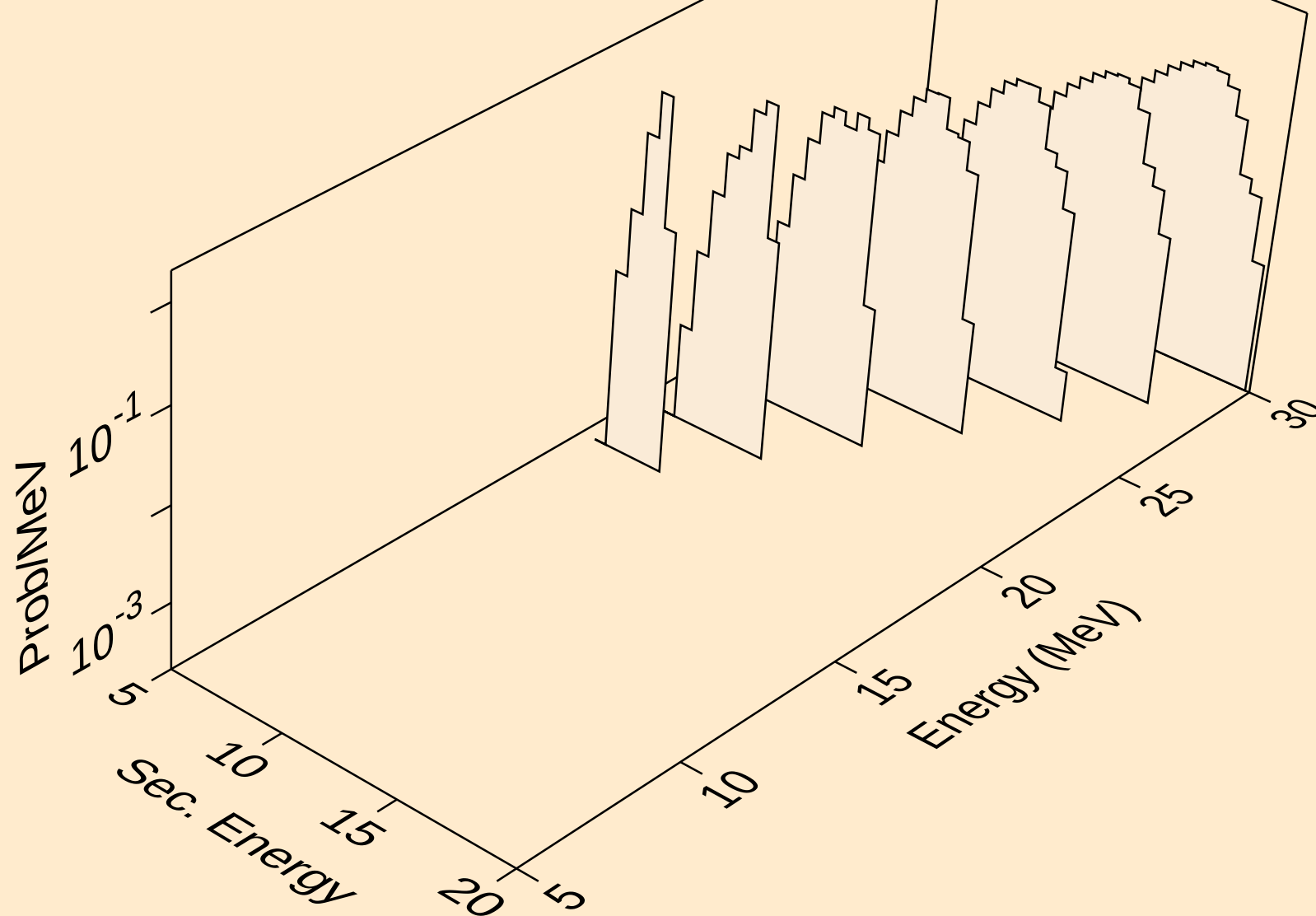


AU189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Alpha emission for (a,x)



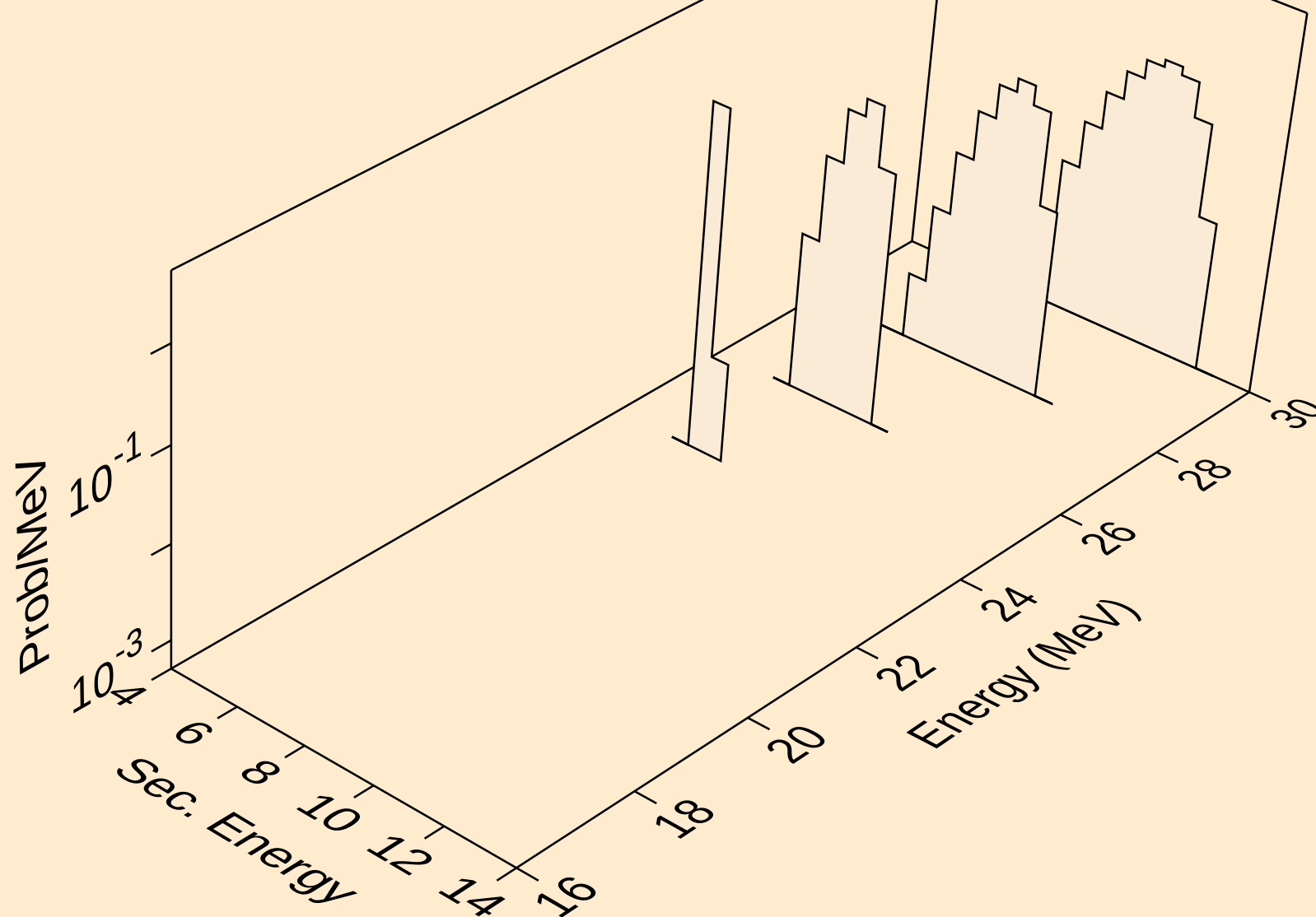
AU189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,n*)a

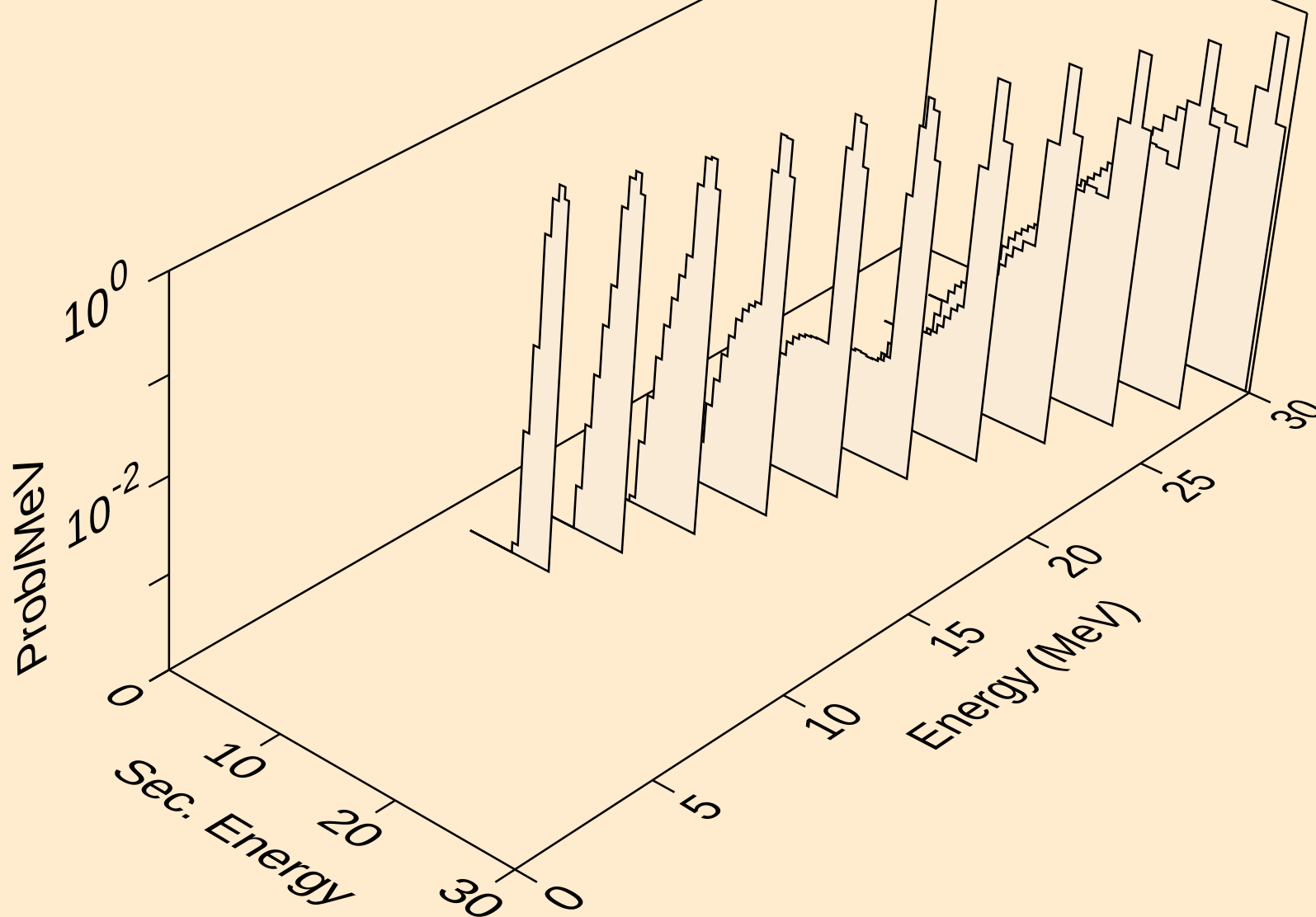


AU189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

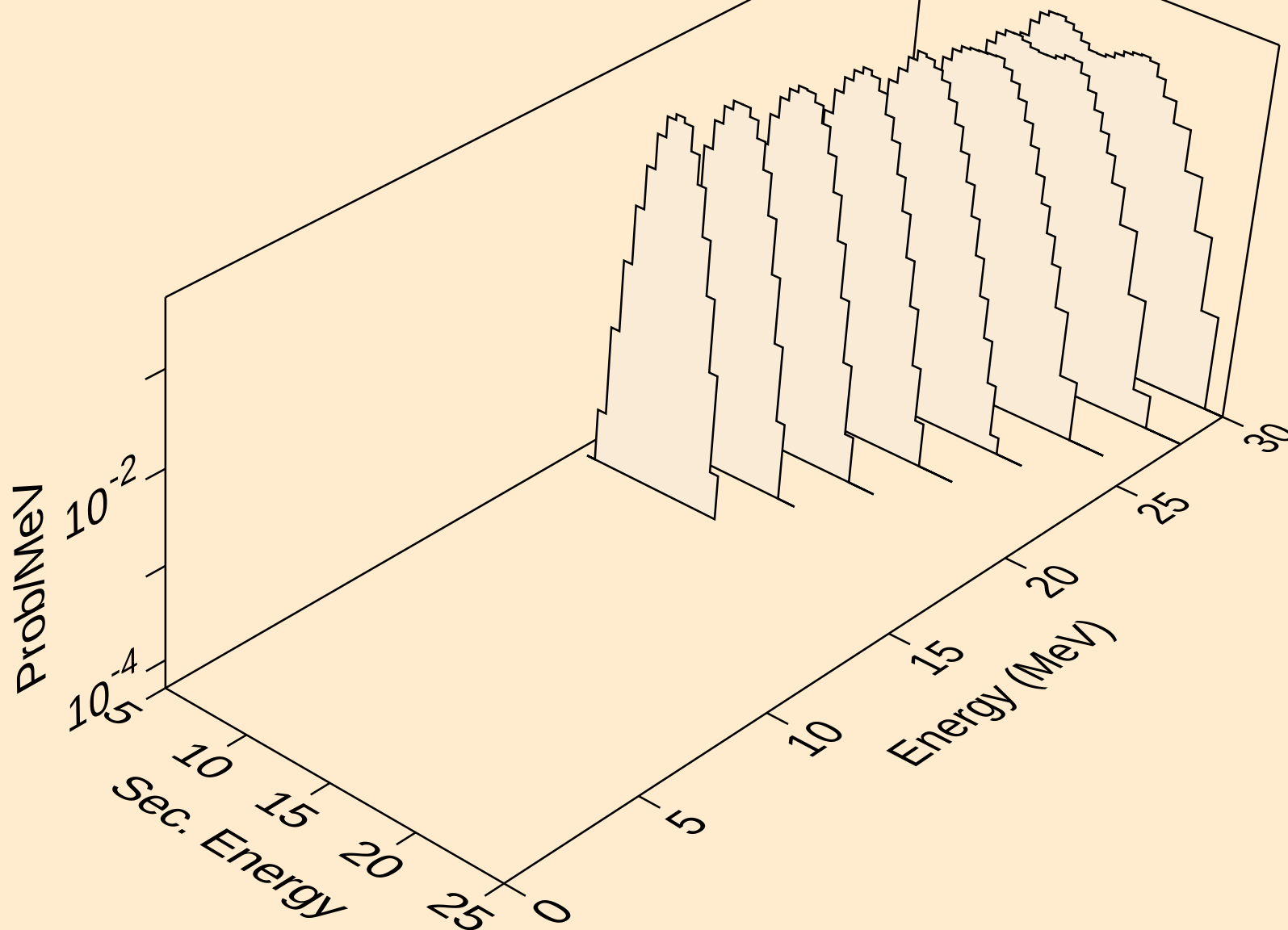
Alpha emission for (a,2n)a



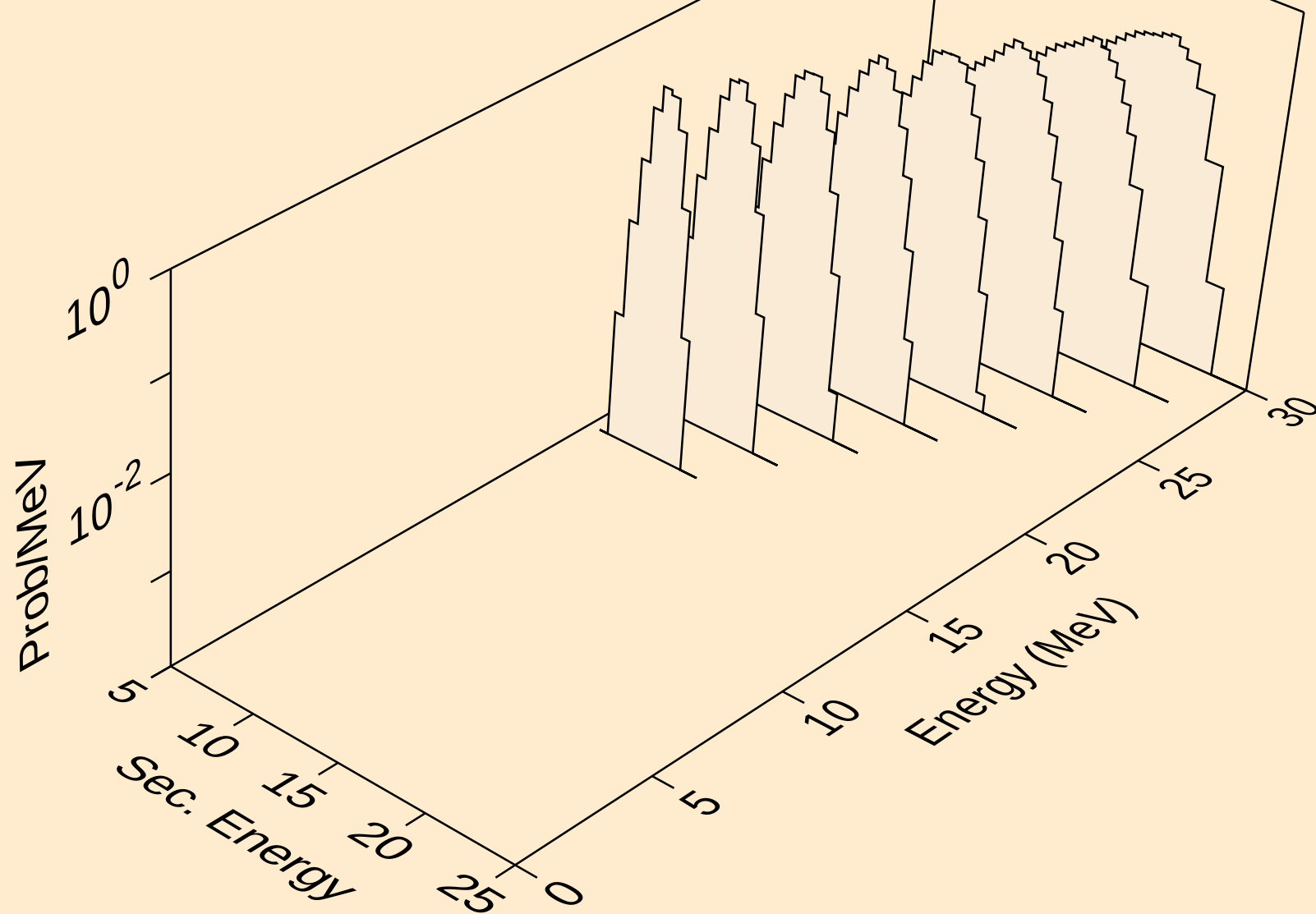
AU189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Alpha emission for inelastic



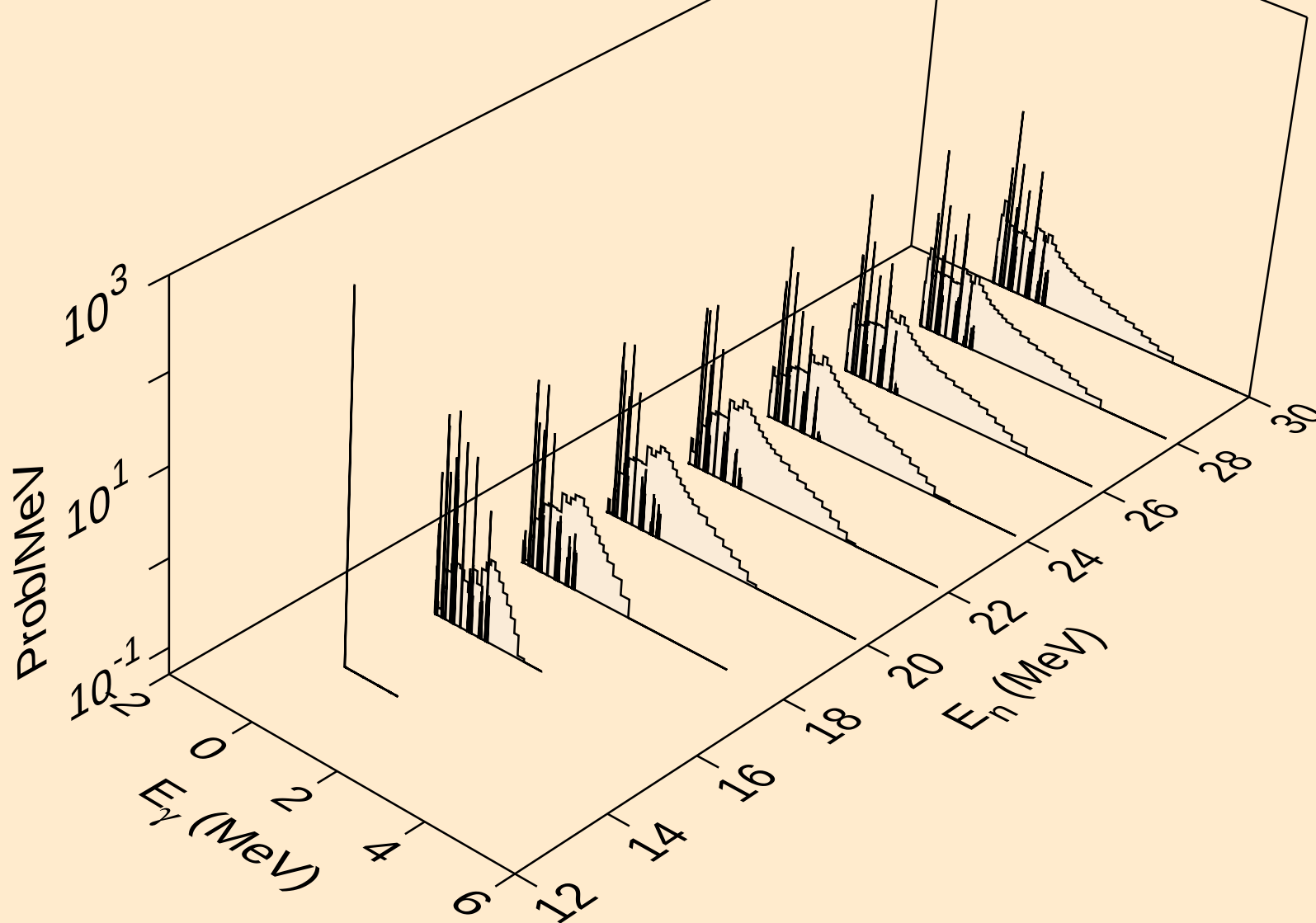
AU189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Alpha emission for (a,2a)



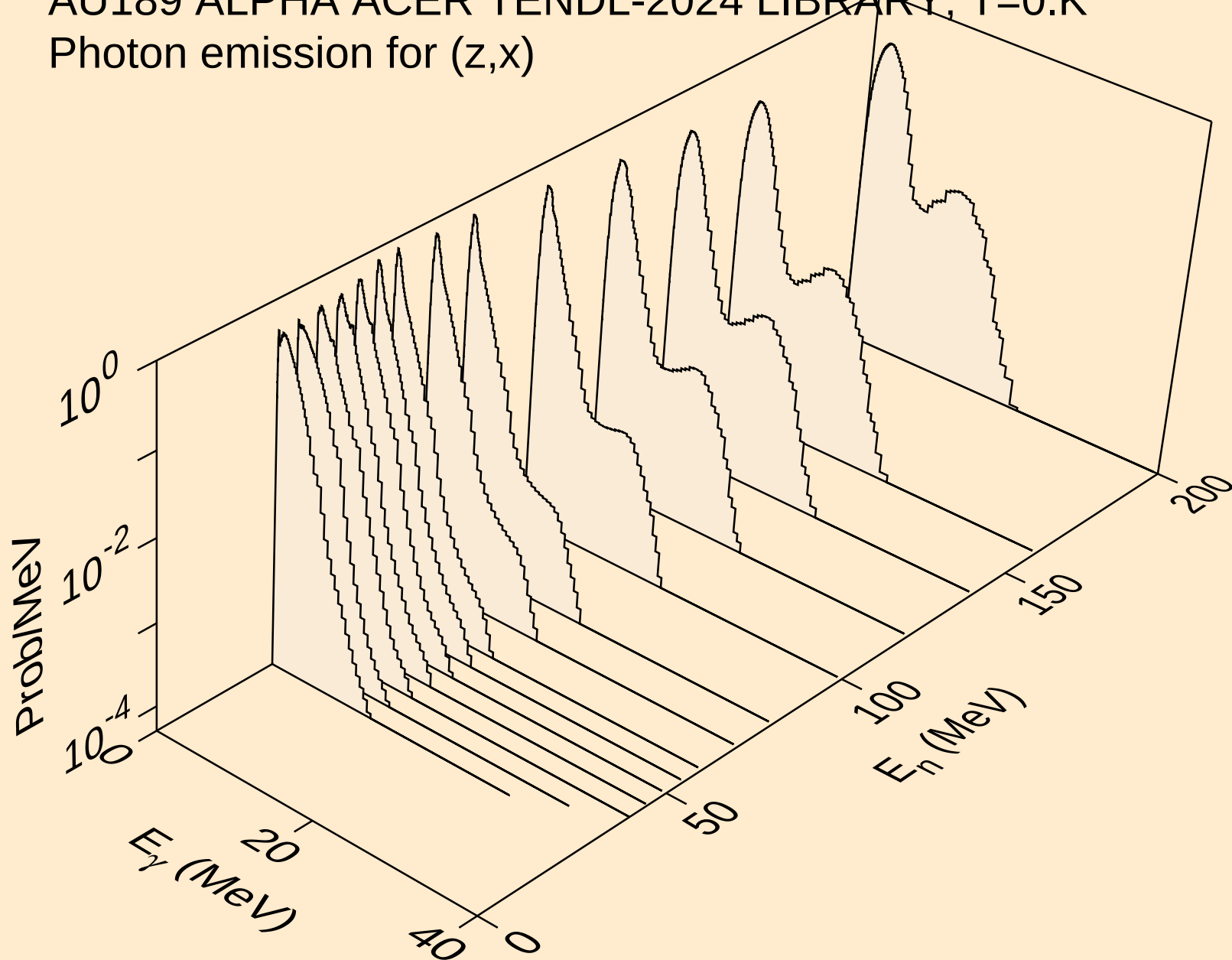
AU189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Alpha emission for (a,pa)



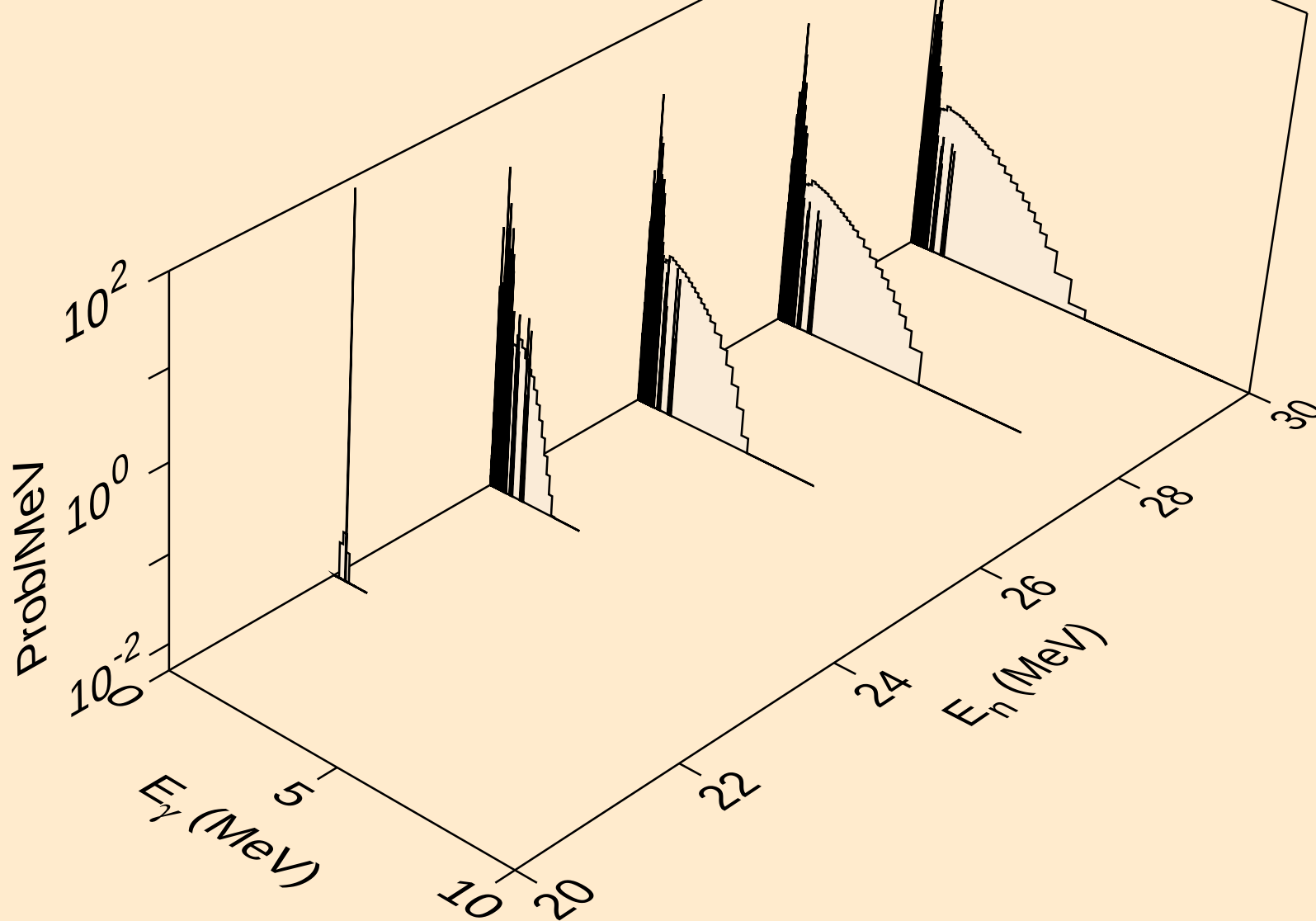
AU189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (z,n)



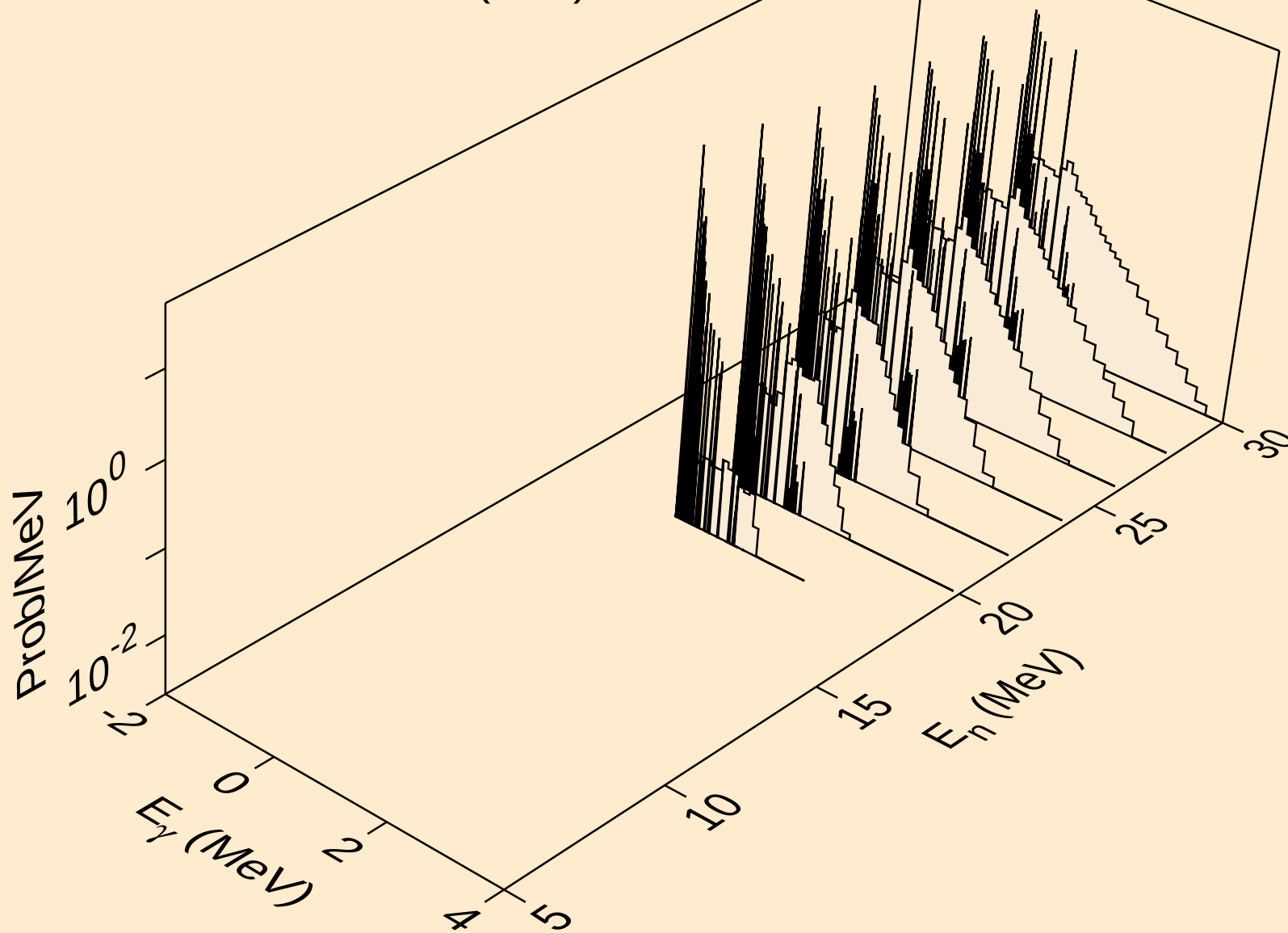
AU189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (z,x)



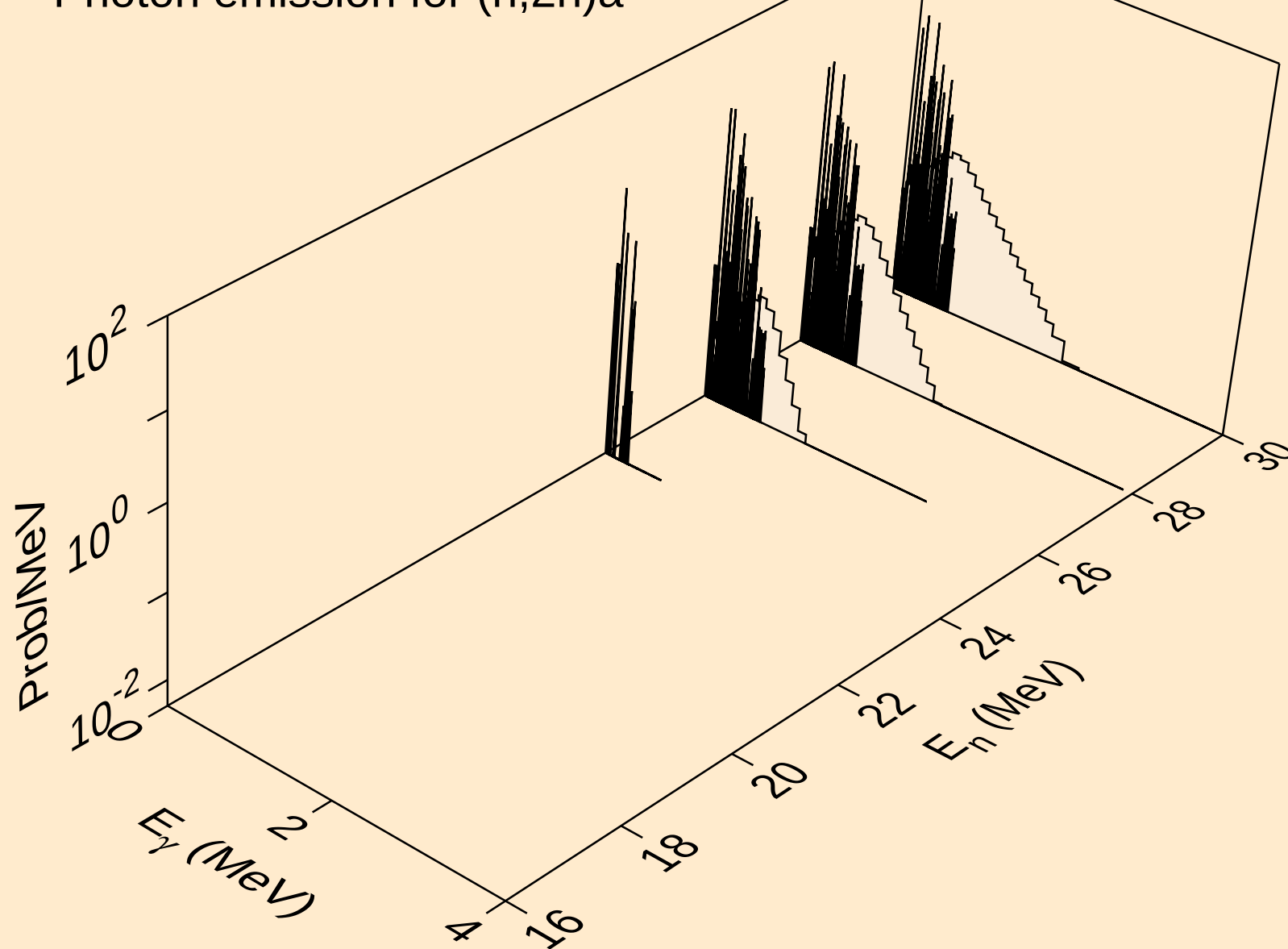
AU189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n)



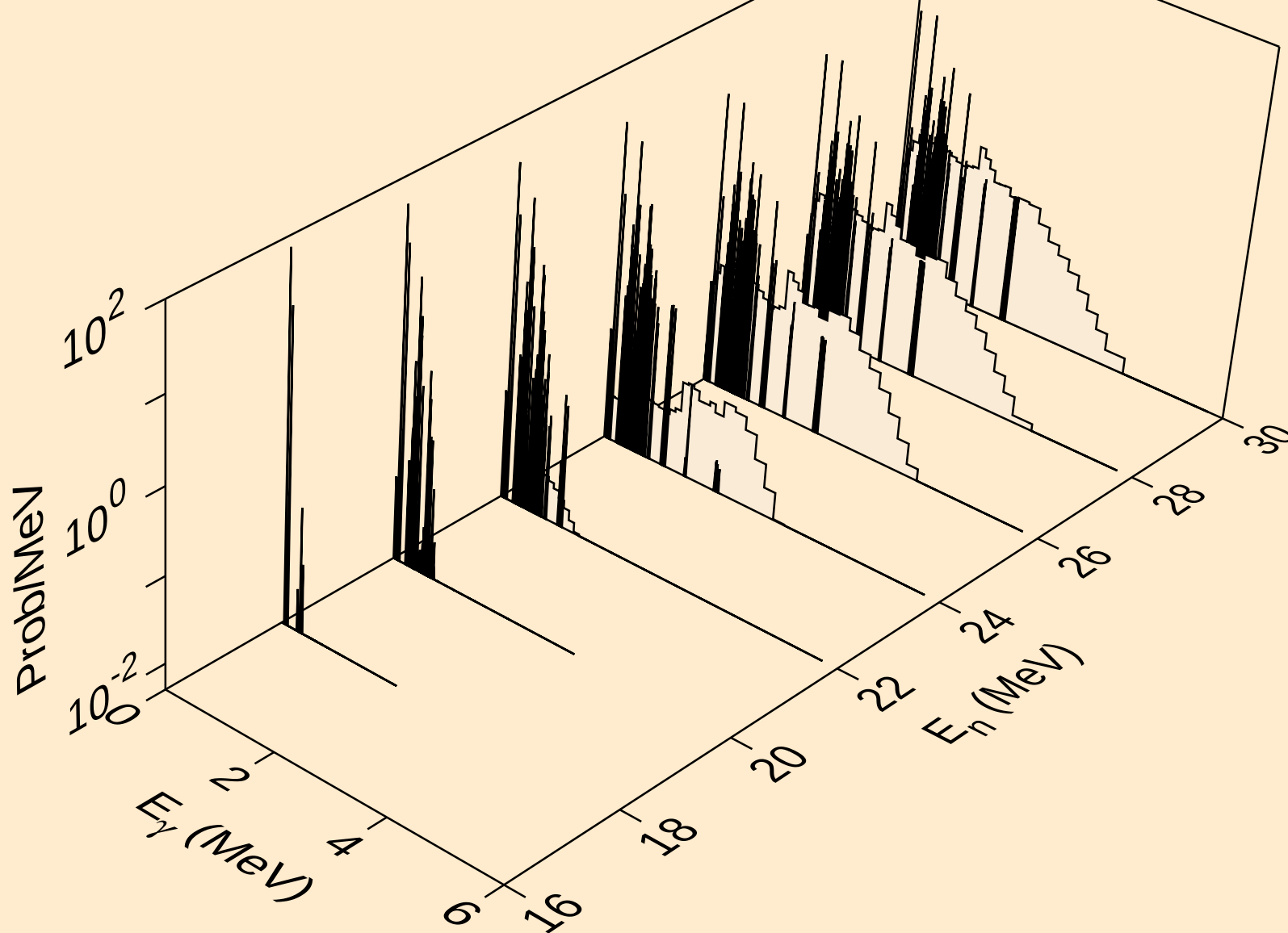
AU189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)a



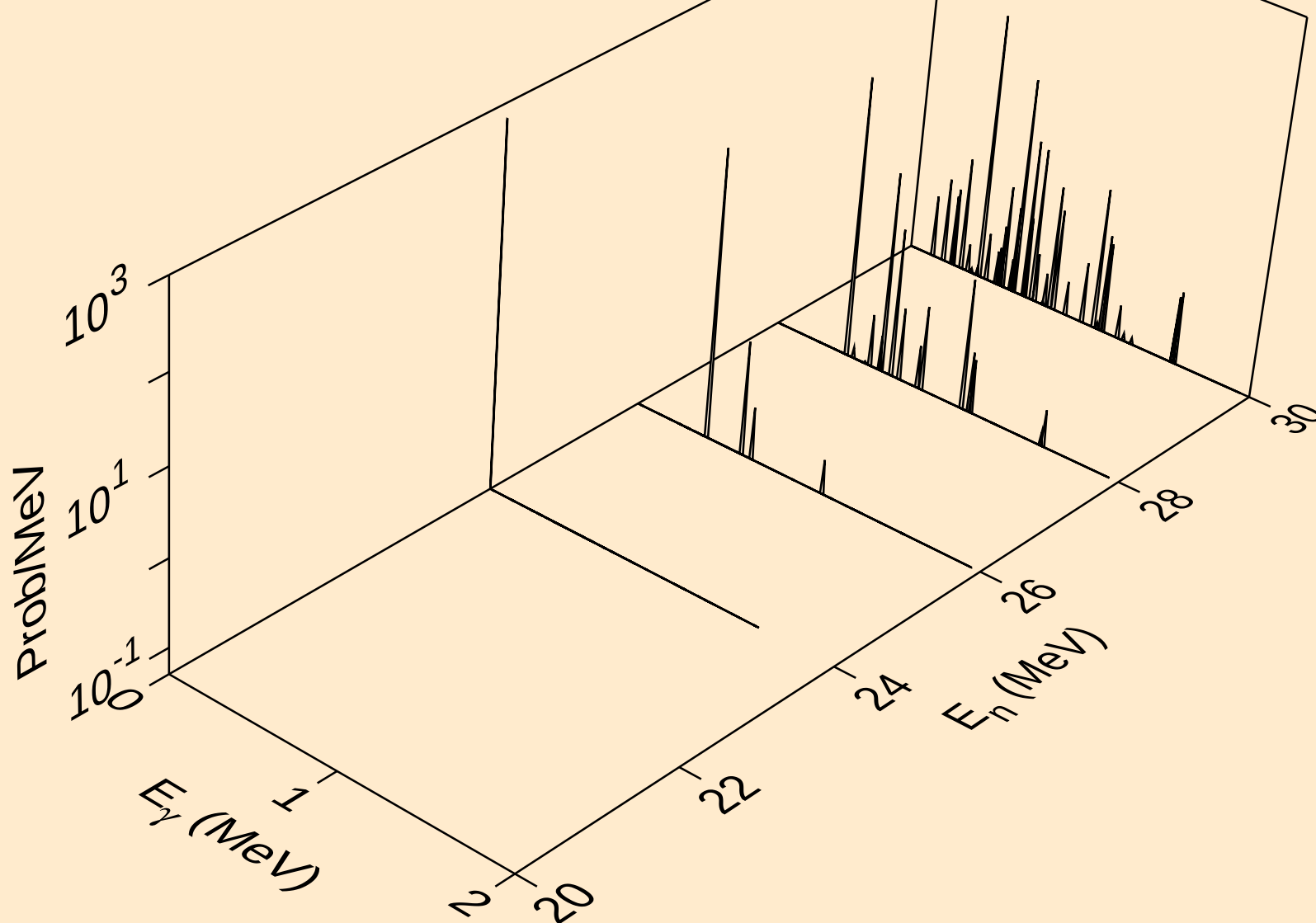
AU189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n) α



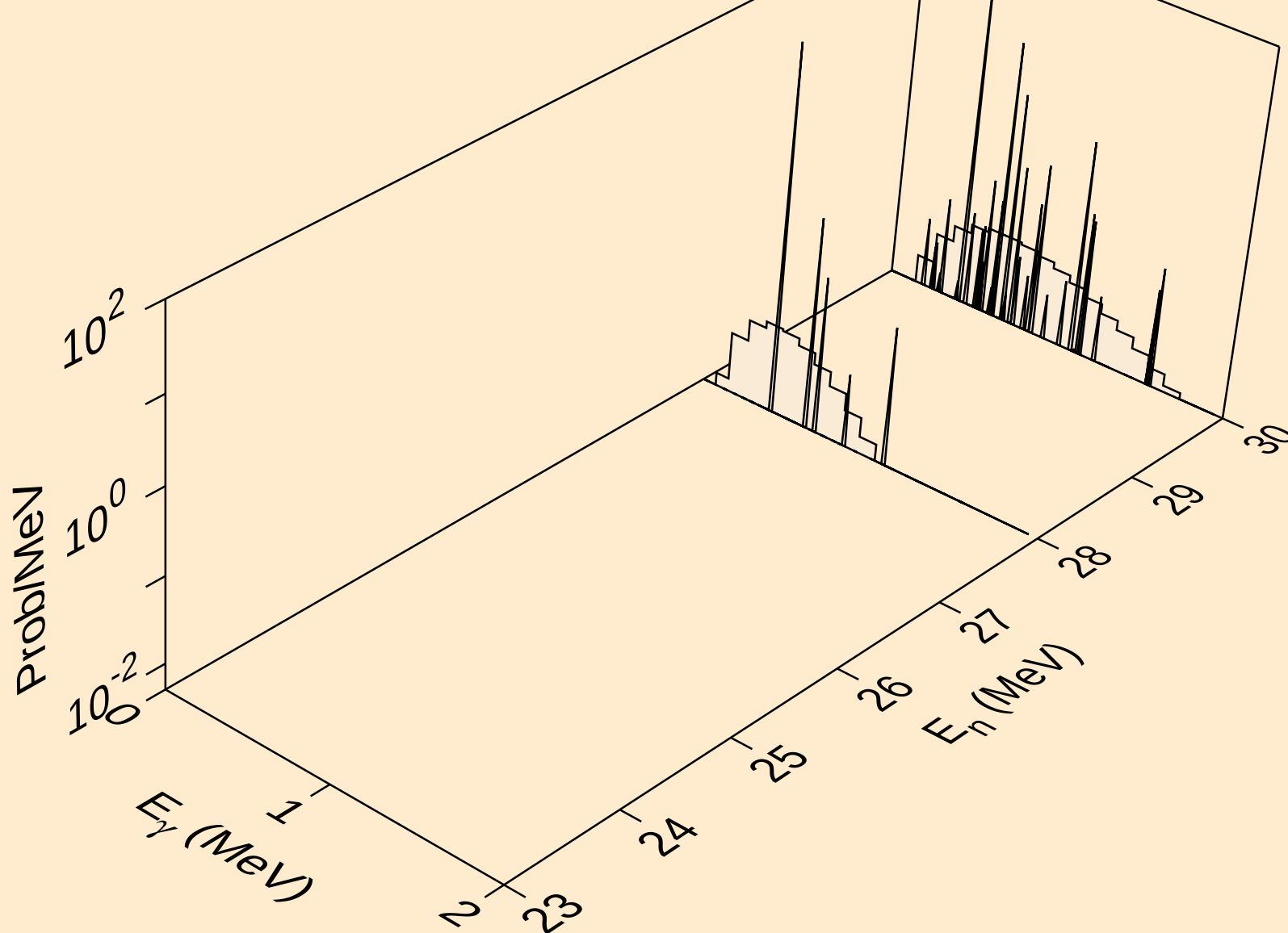
AU189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)p



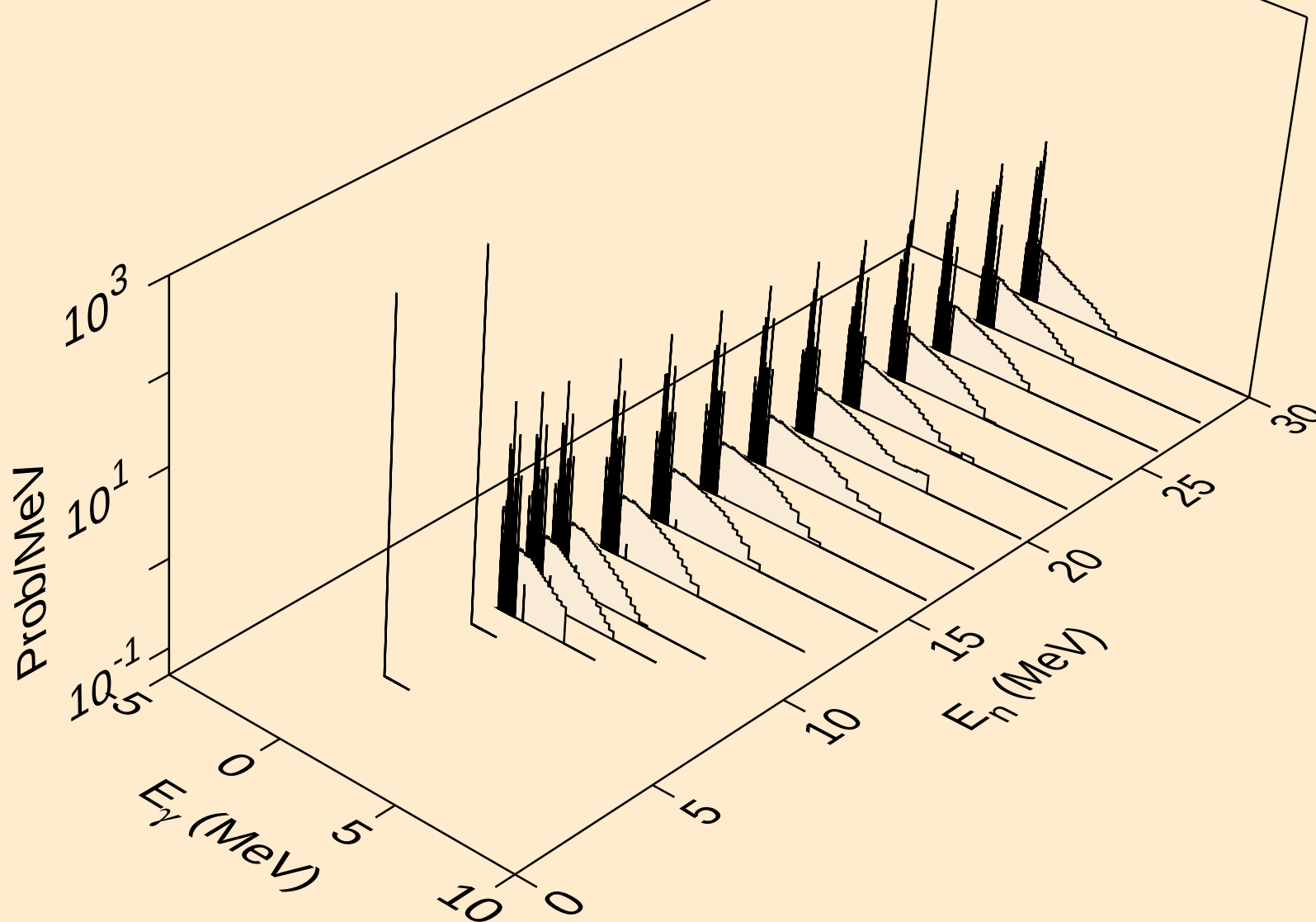
AU189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)d



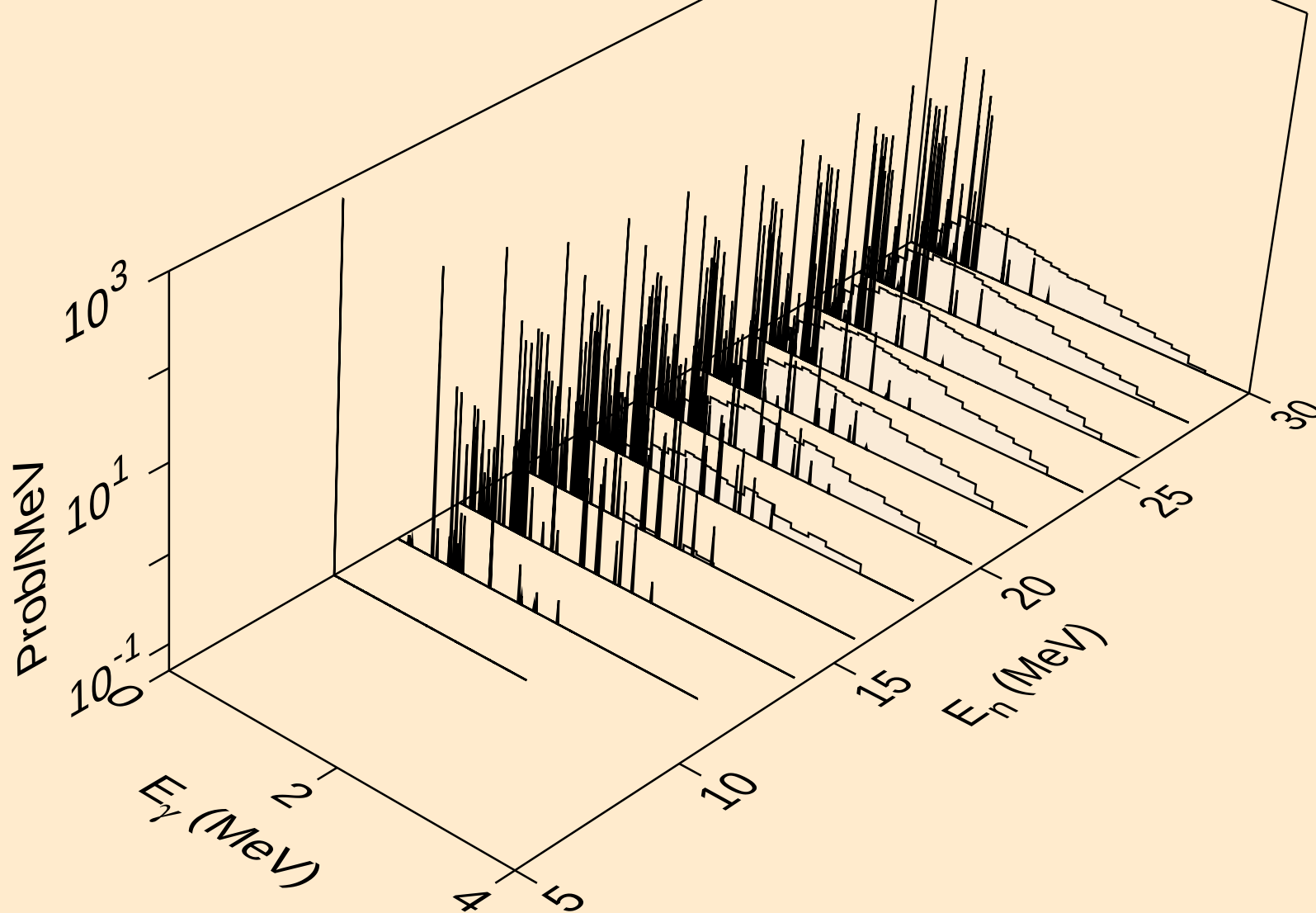
AU189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2np)



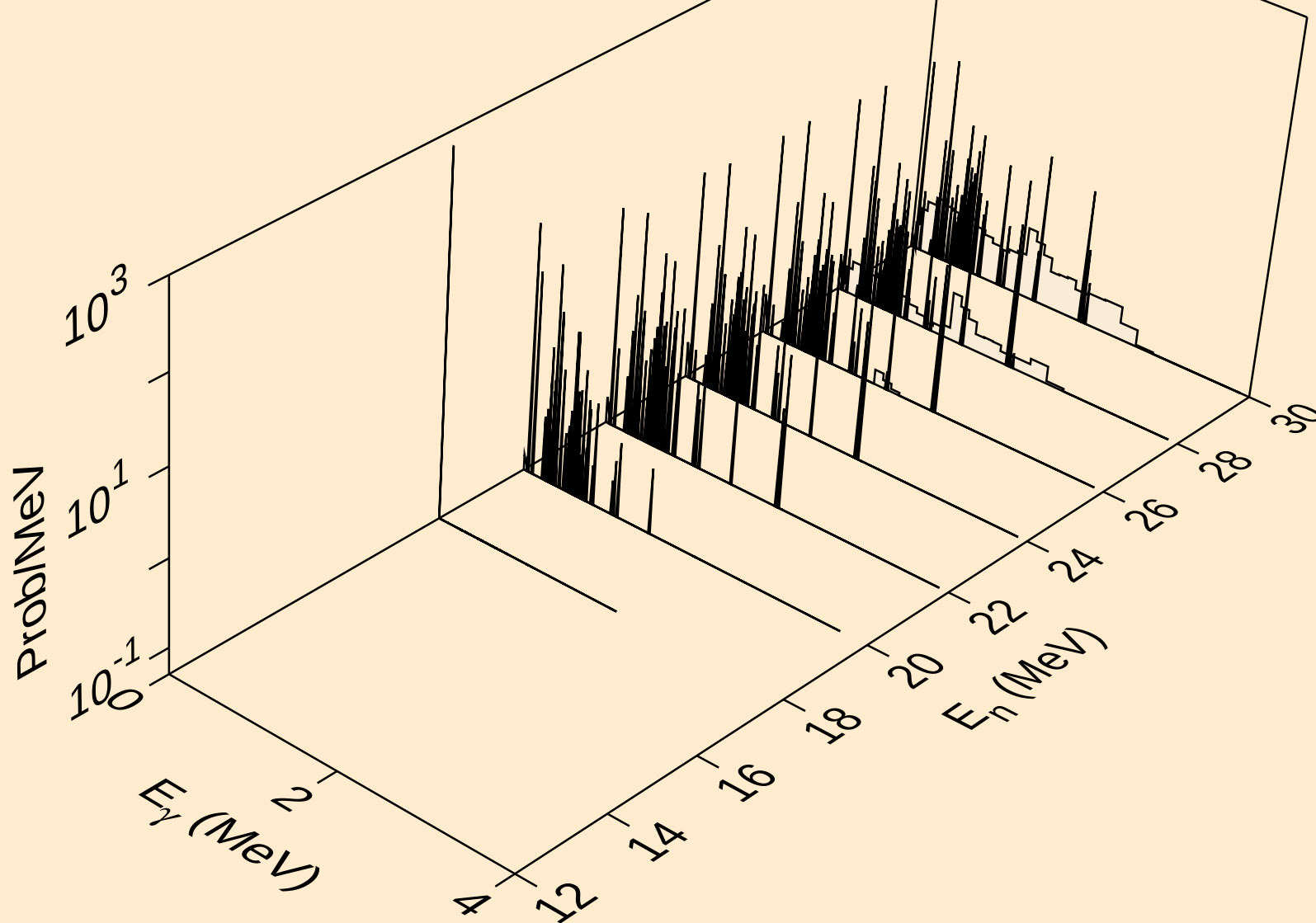
AU189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,gma)



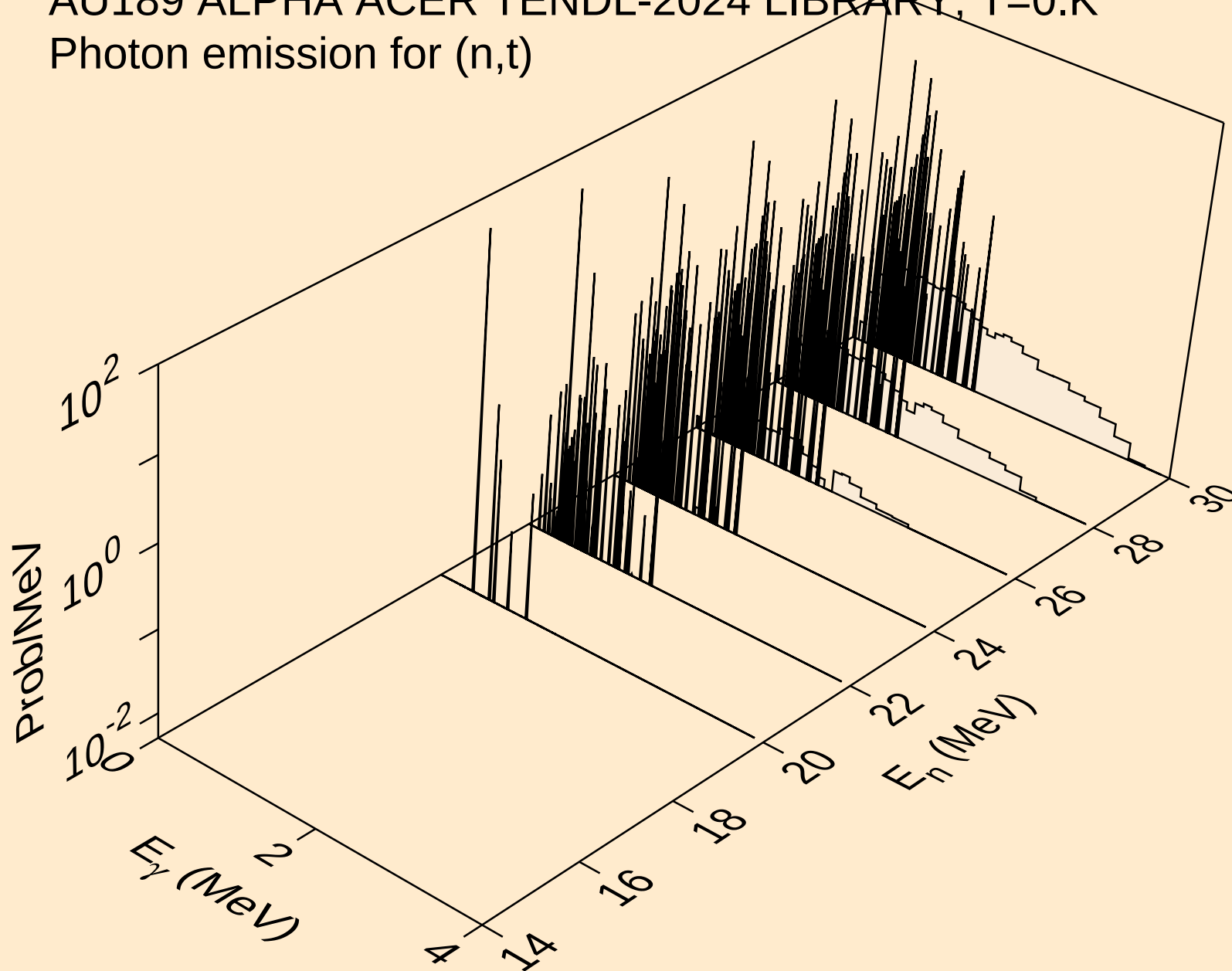
AU189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,p)



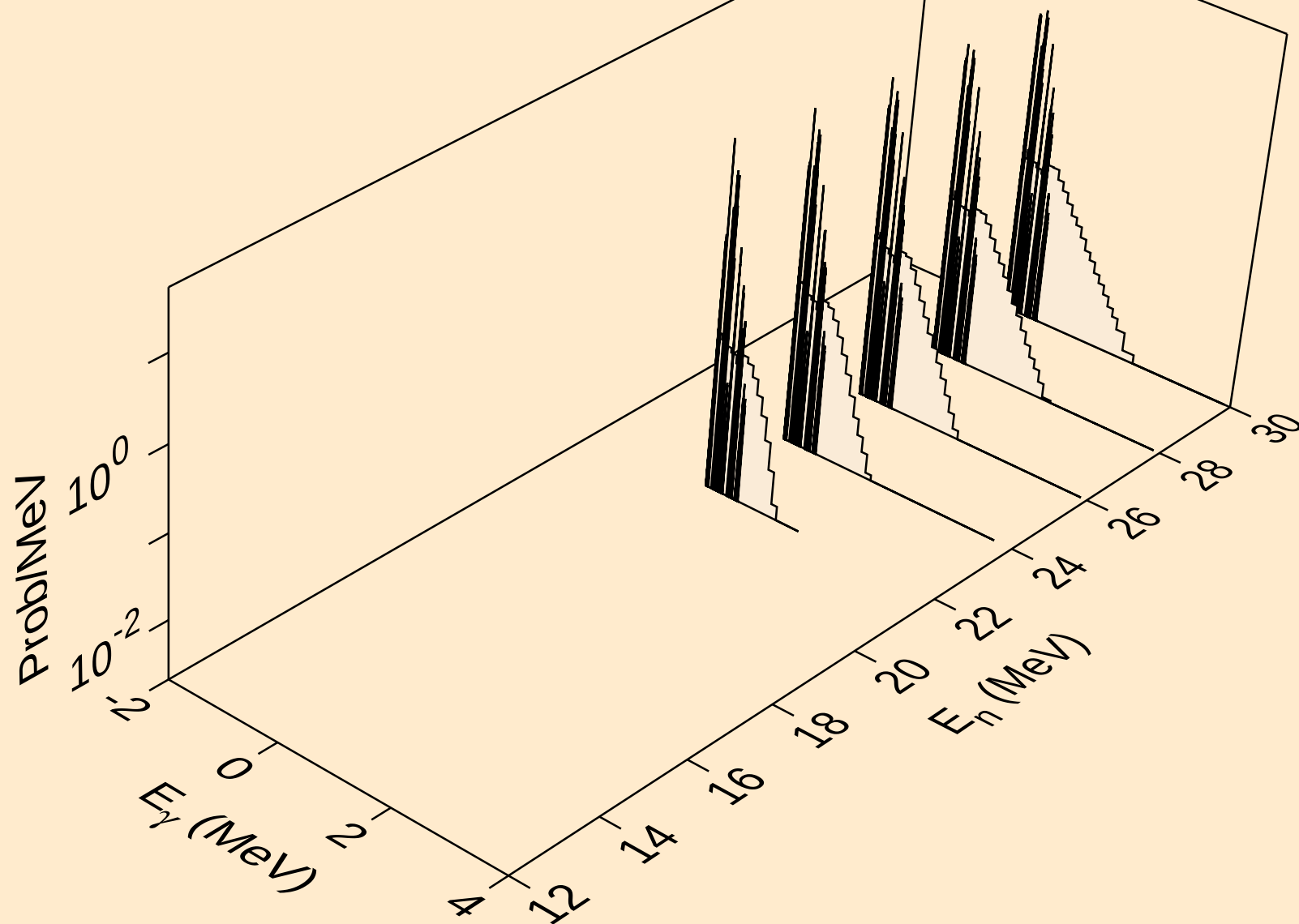
AU189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,d)



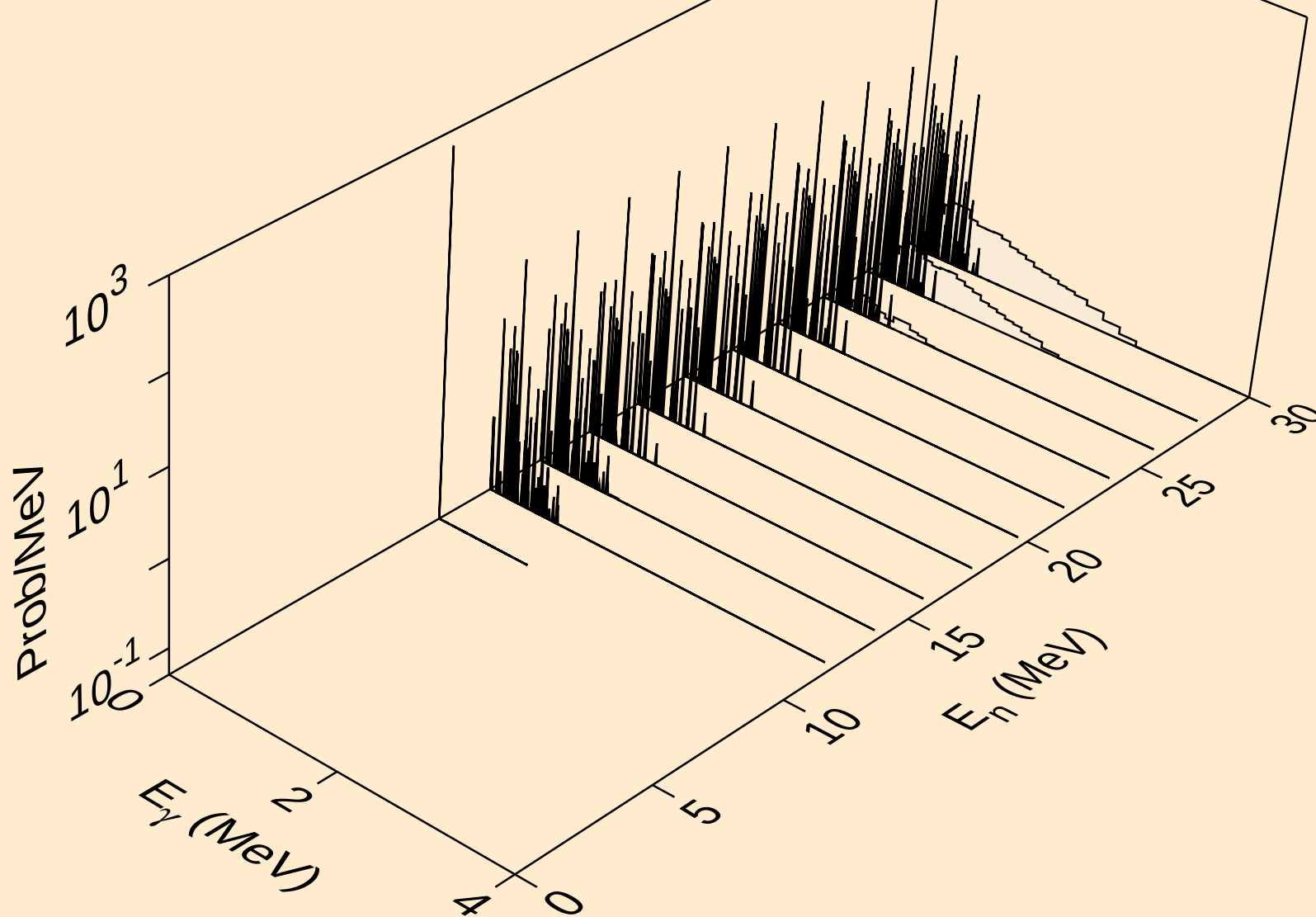
AU189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,t)



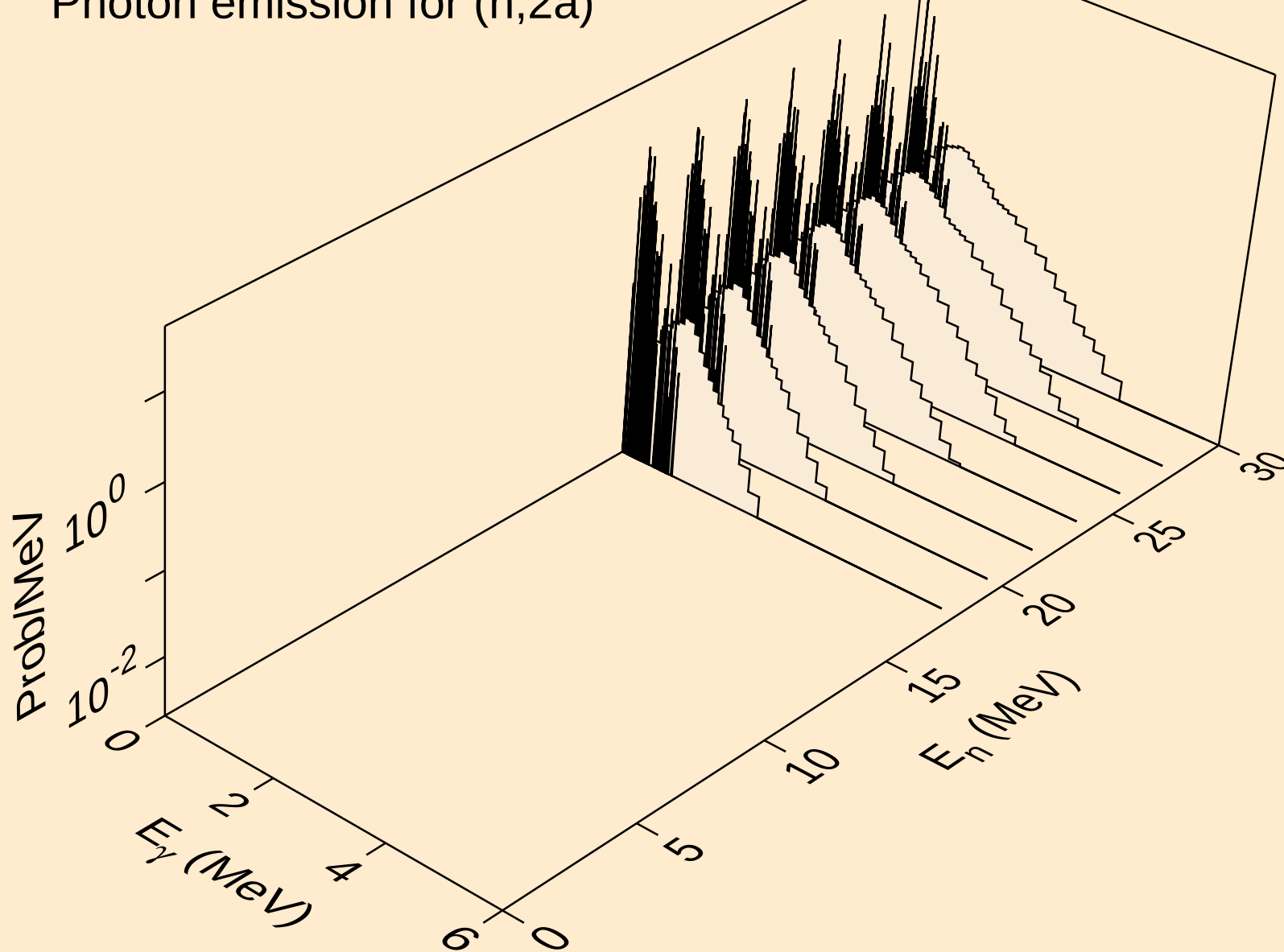
AU189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,he3)



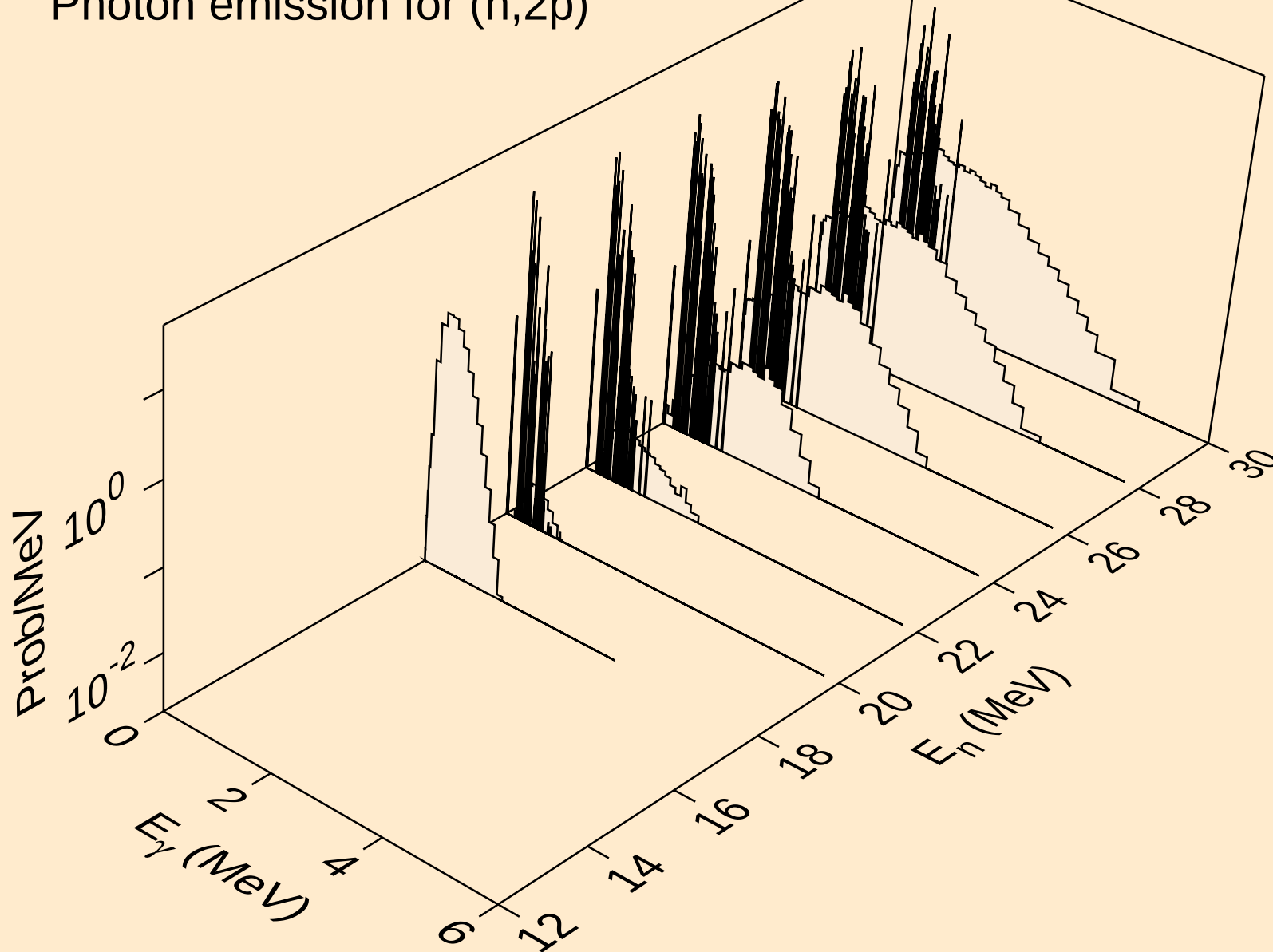
AU189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for inelastic



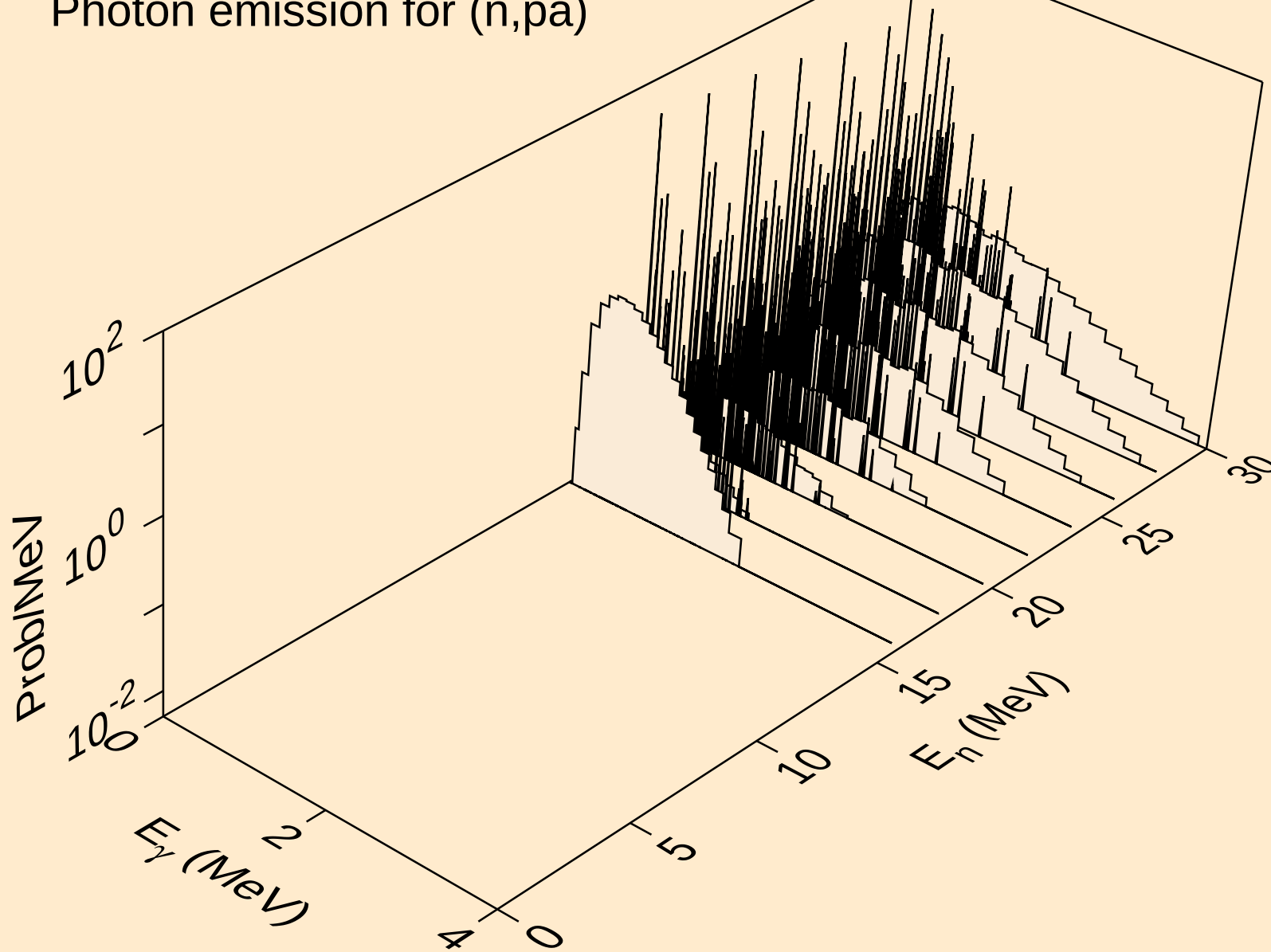
AU189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2a)



AU189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2p)

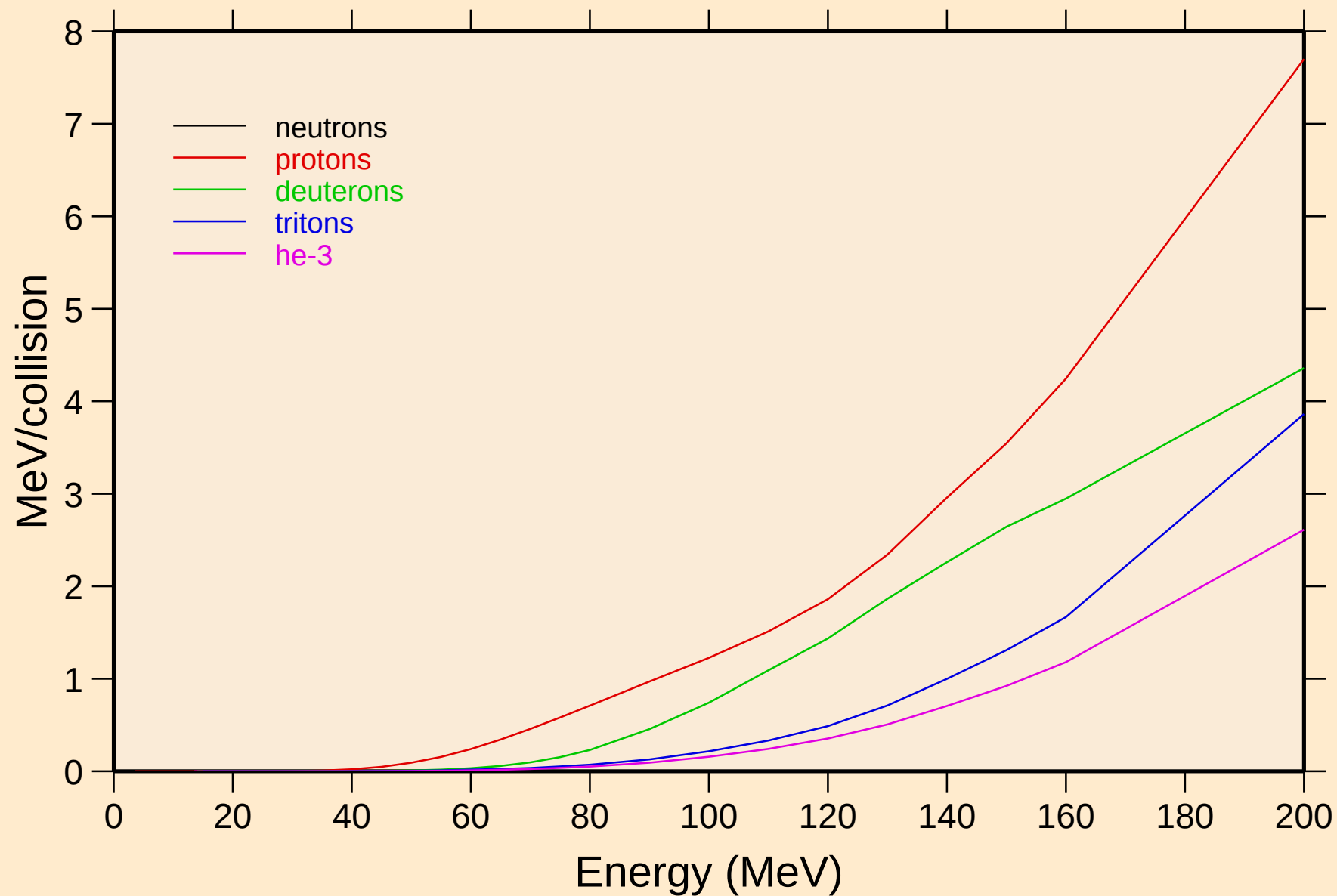


AU189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,p α)



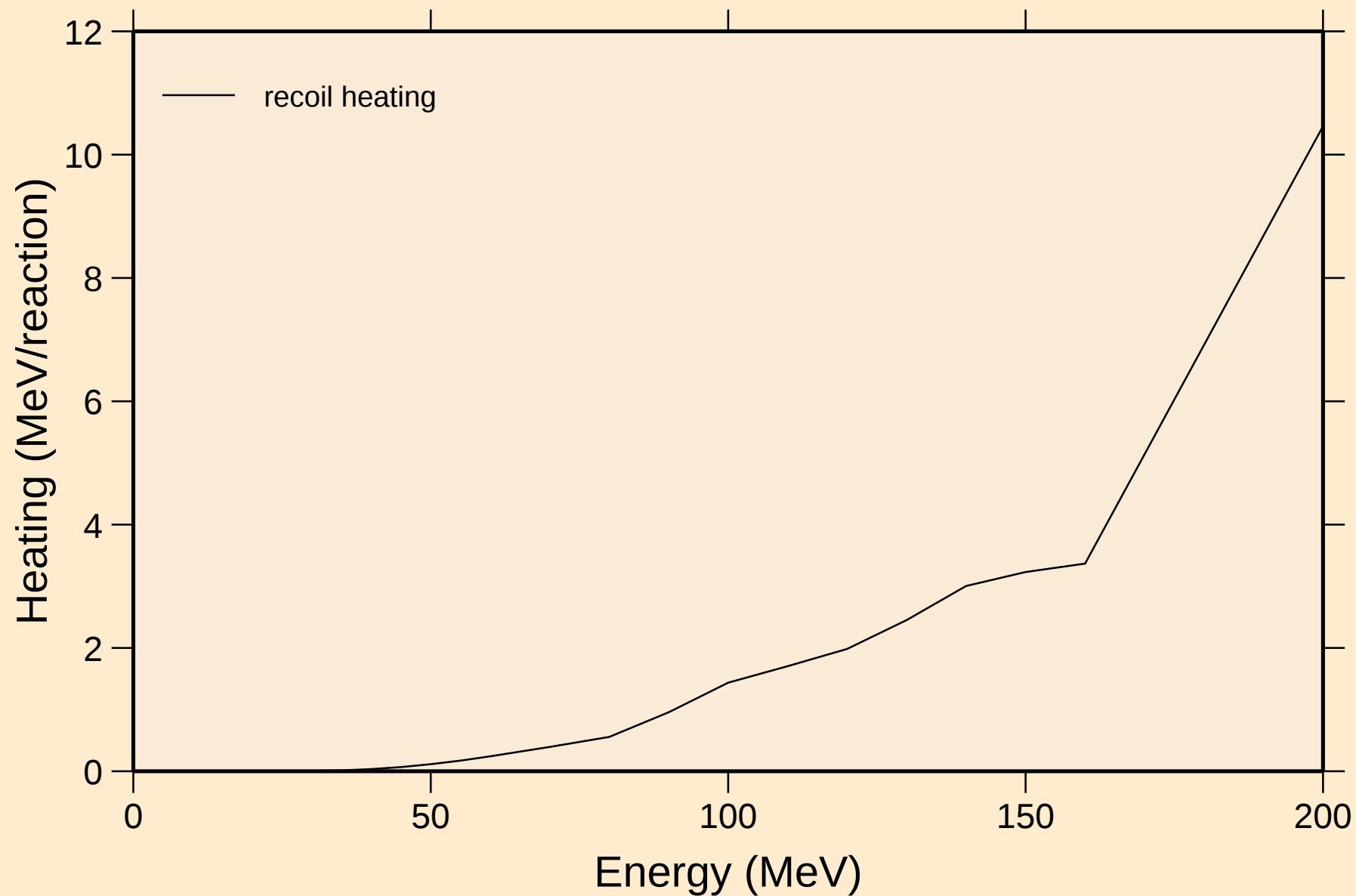
AU189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Particle heating contributions



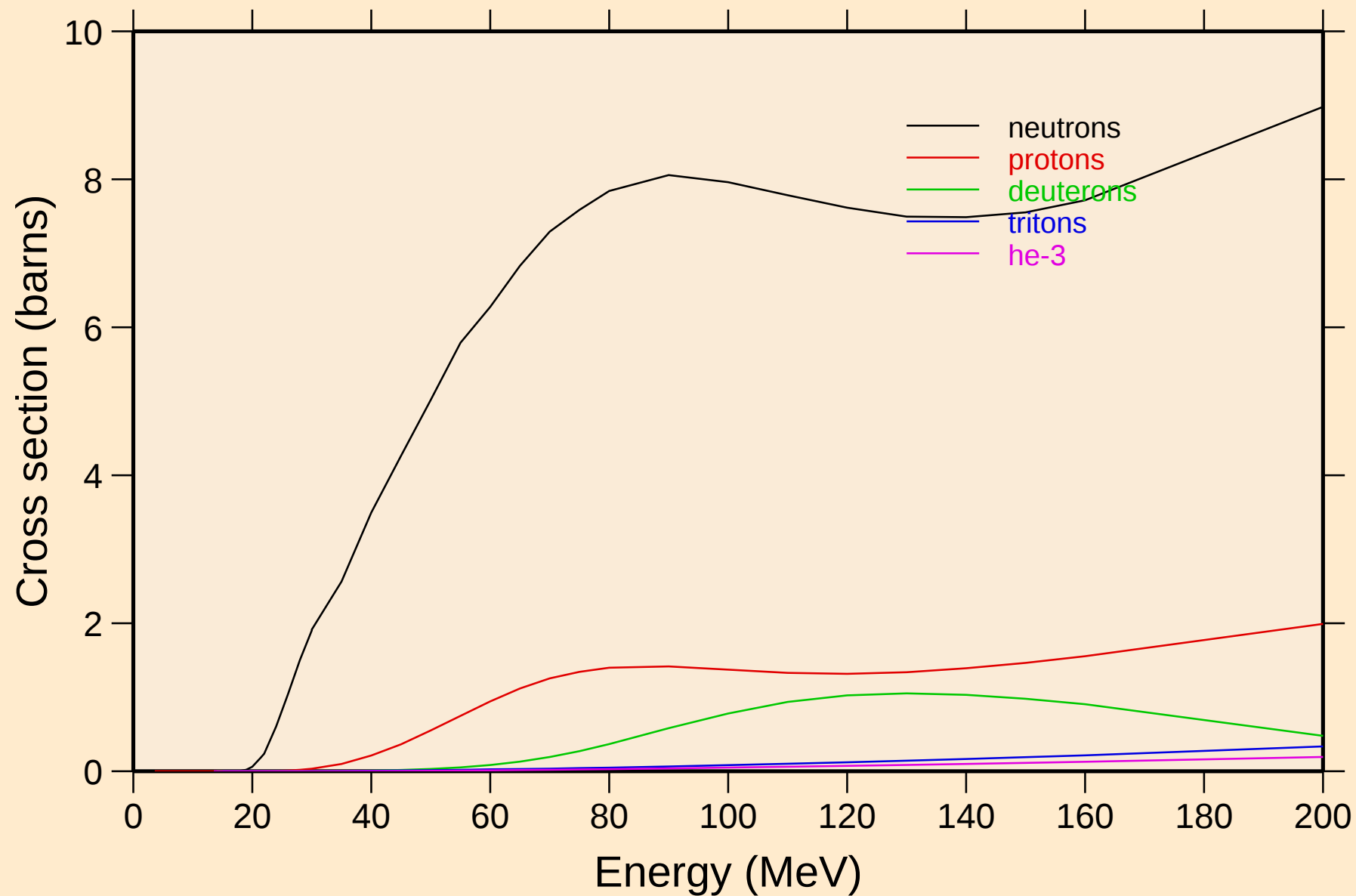
AU189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Recoil Heating

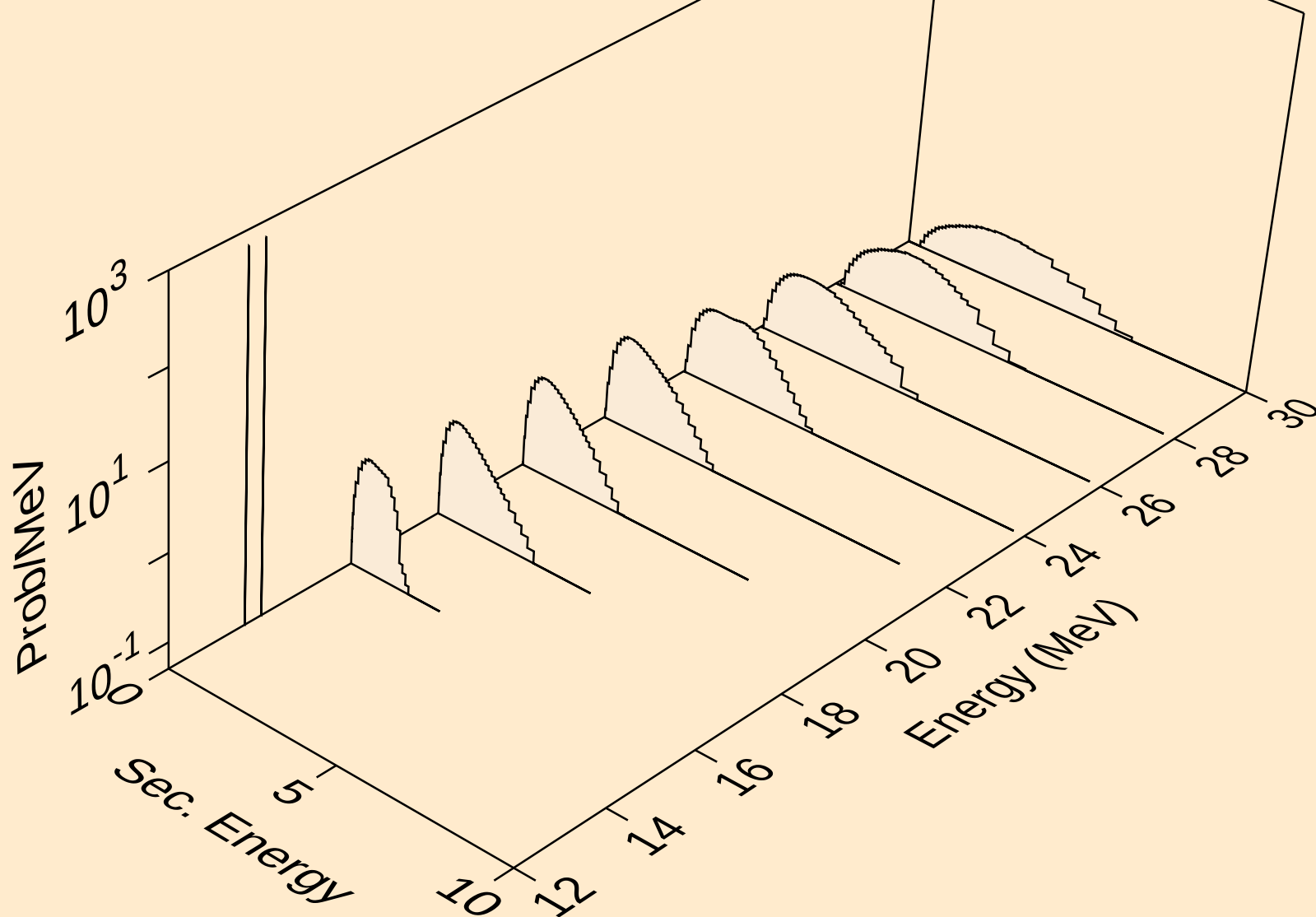


AU189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

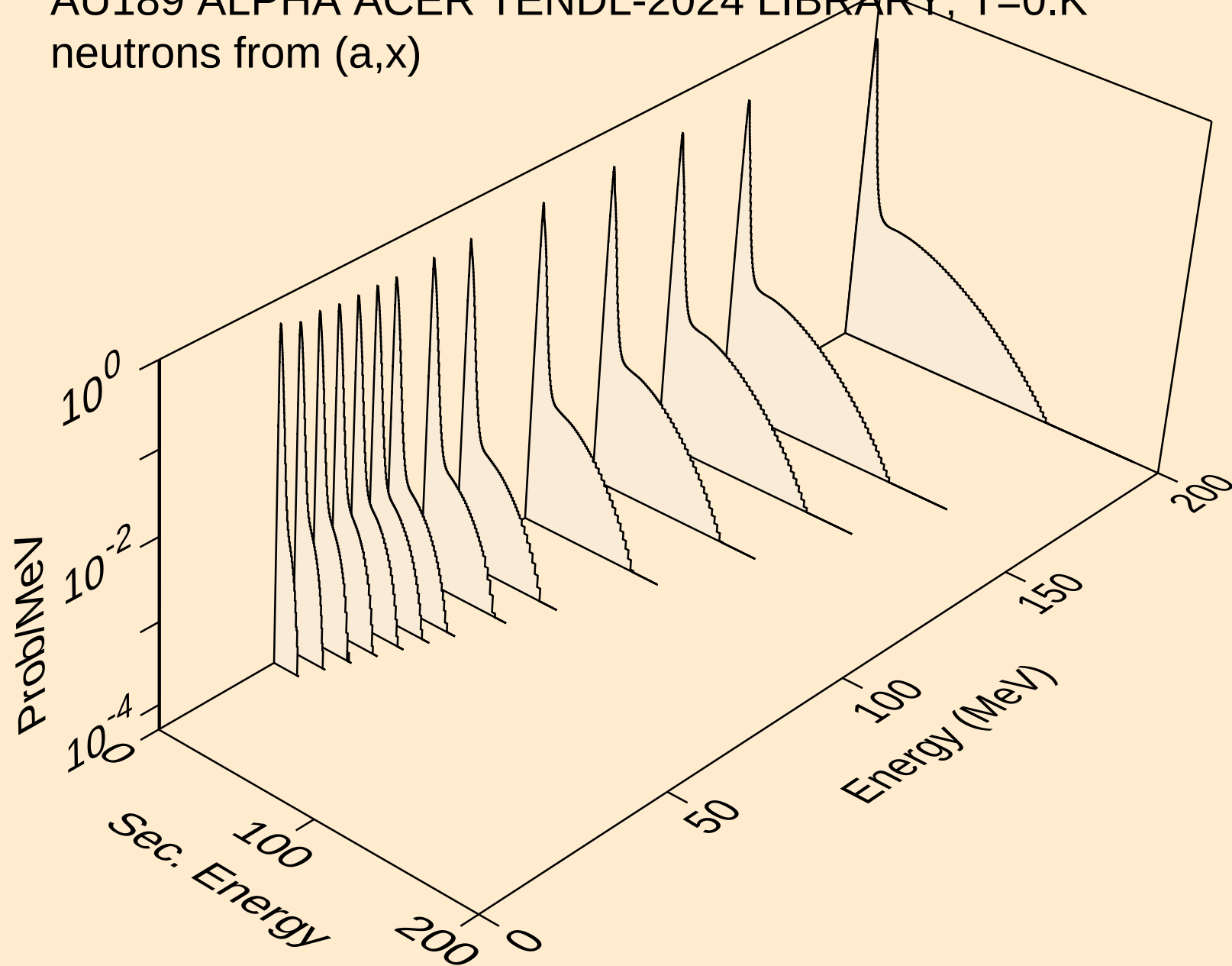
Particle production cross sections



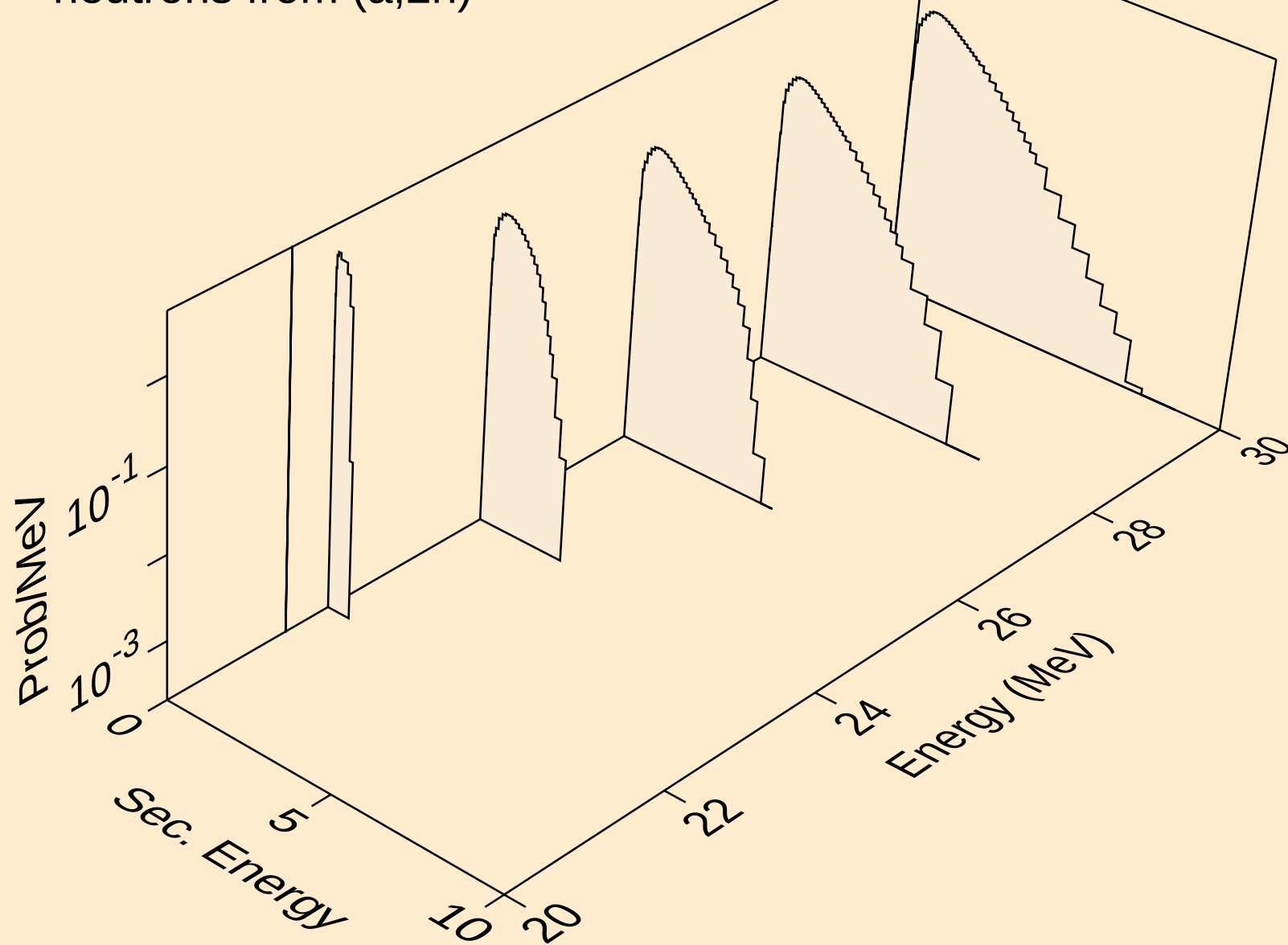
AU189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,n)



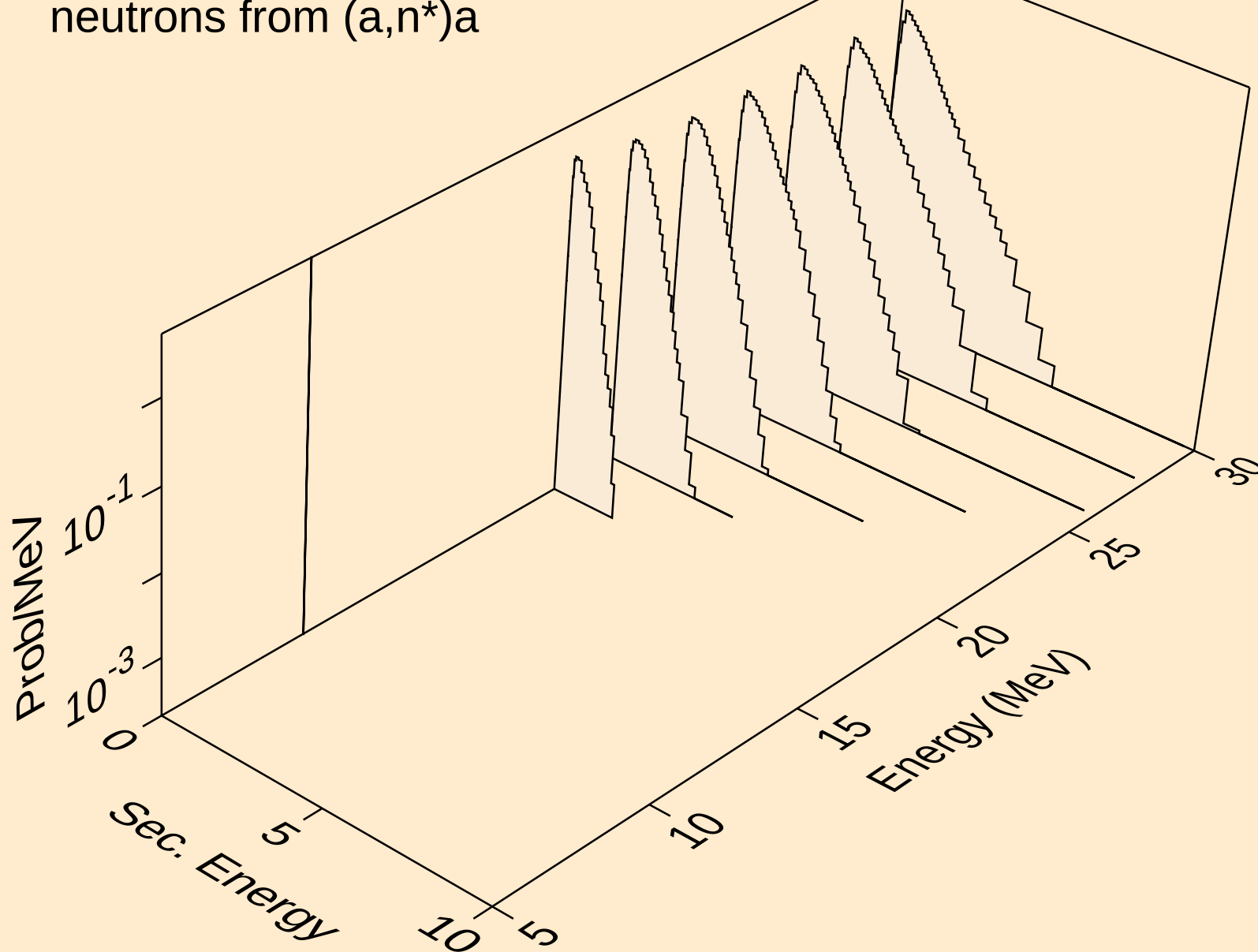
AU189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,x)



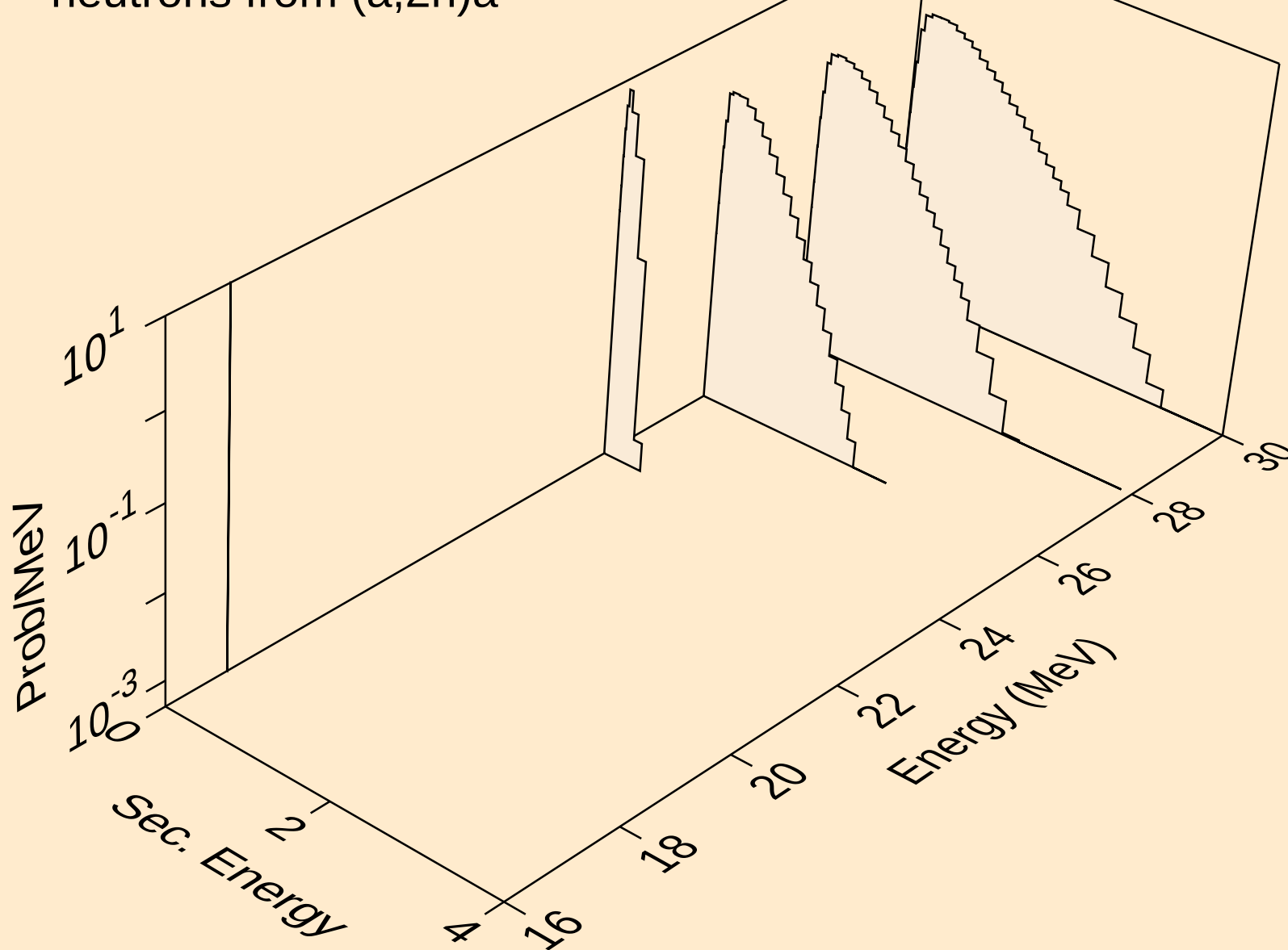
AU189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,2n)



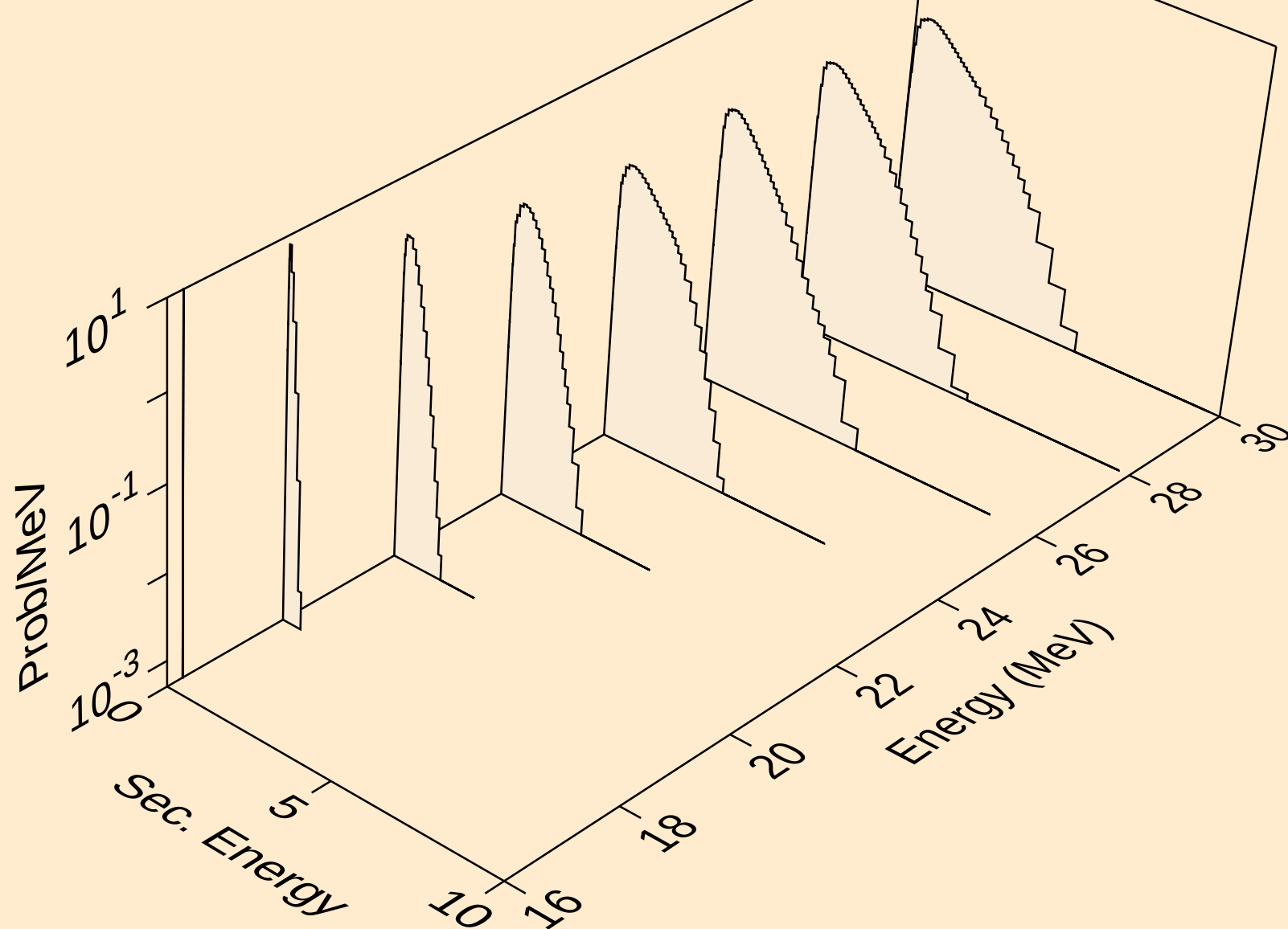
AU189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,n*)a



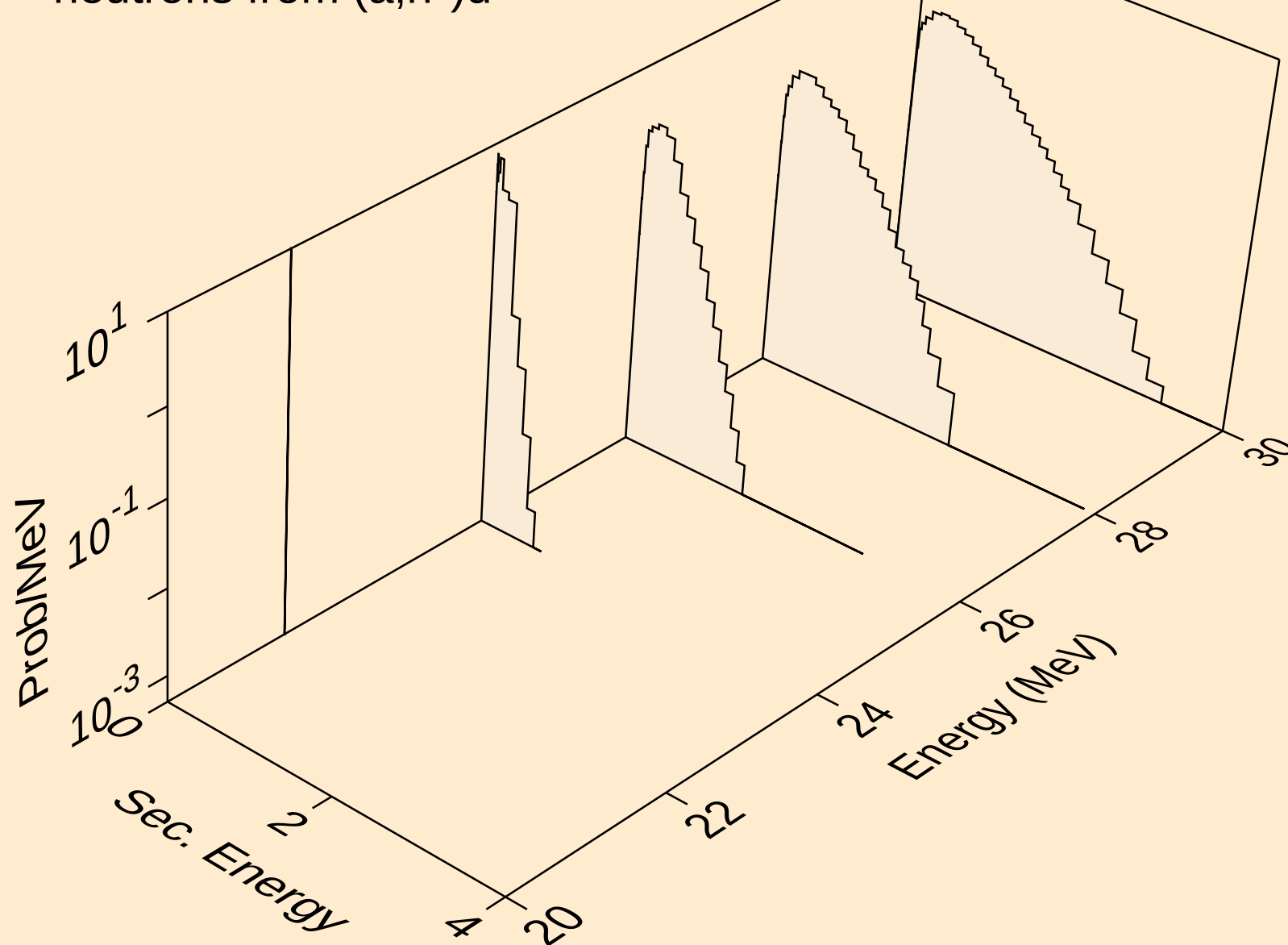
AU189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,2n)a



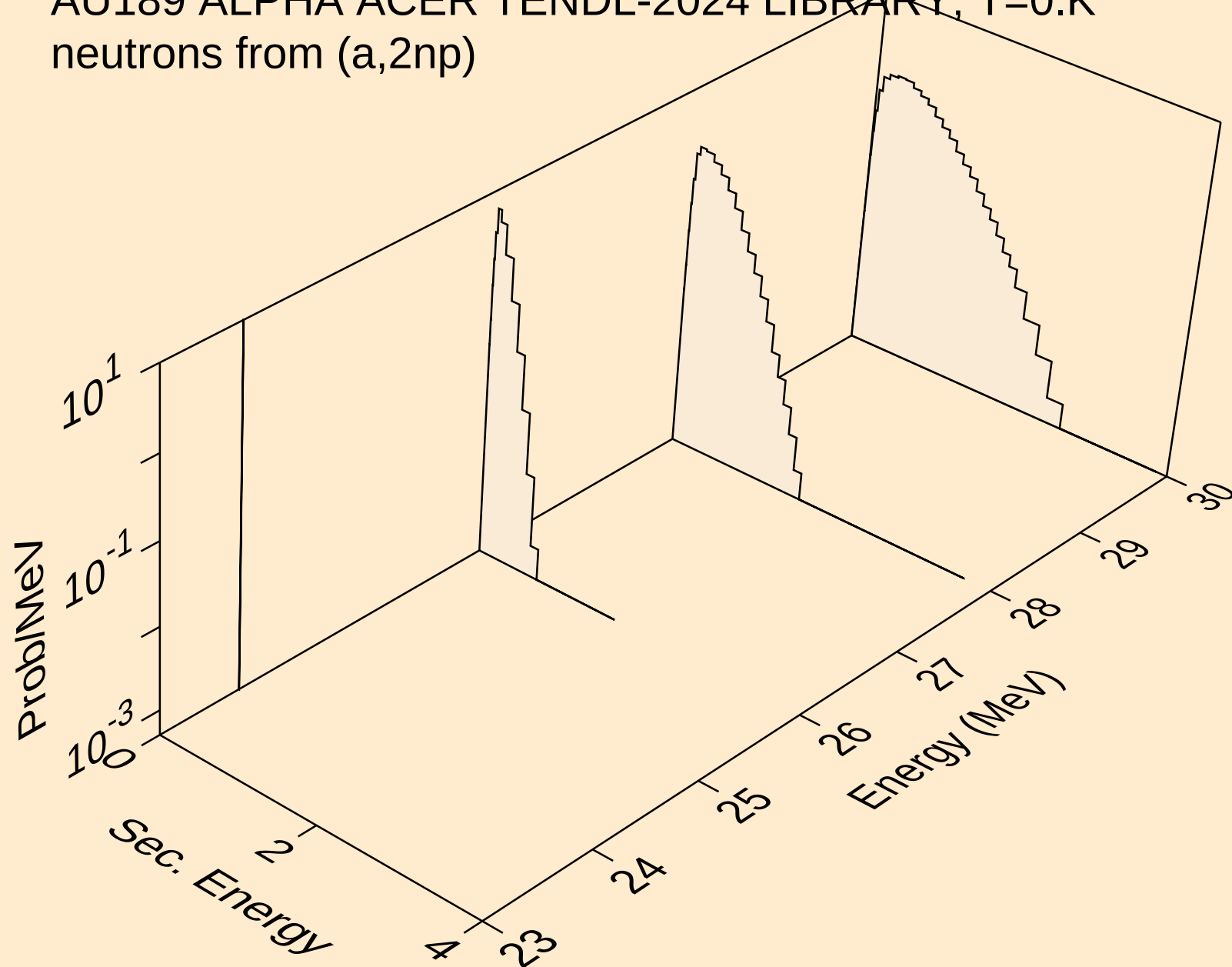
AU189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,n*)p



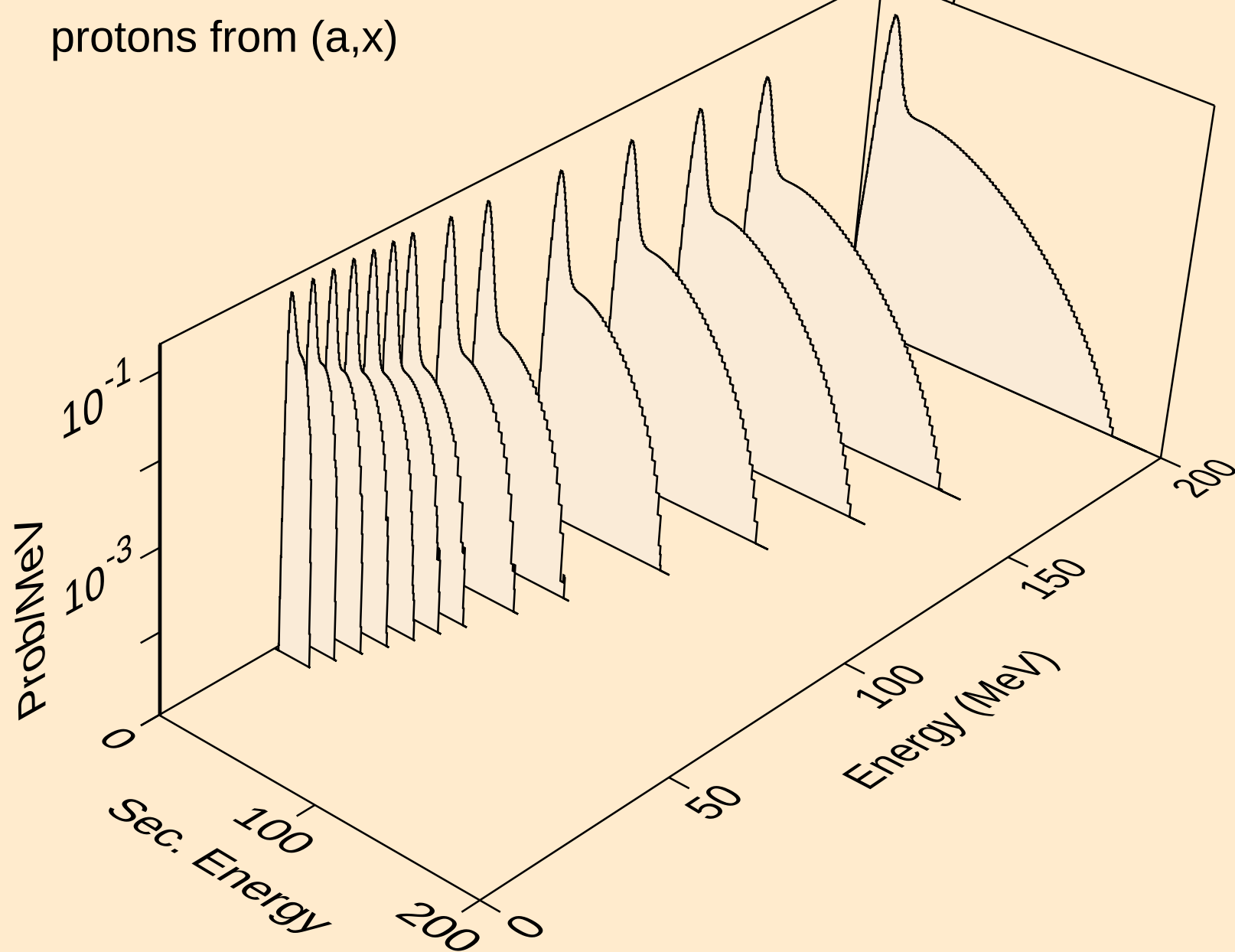
AU189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,n*)d



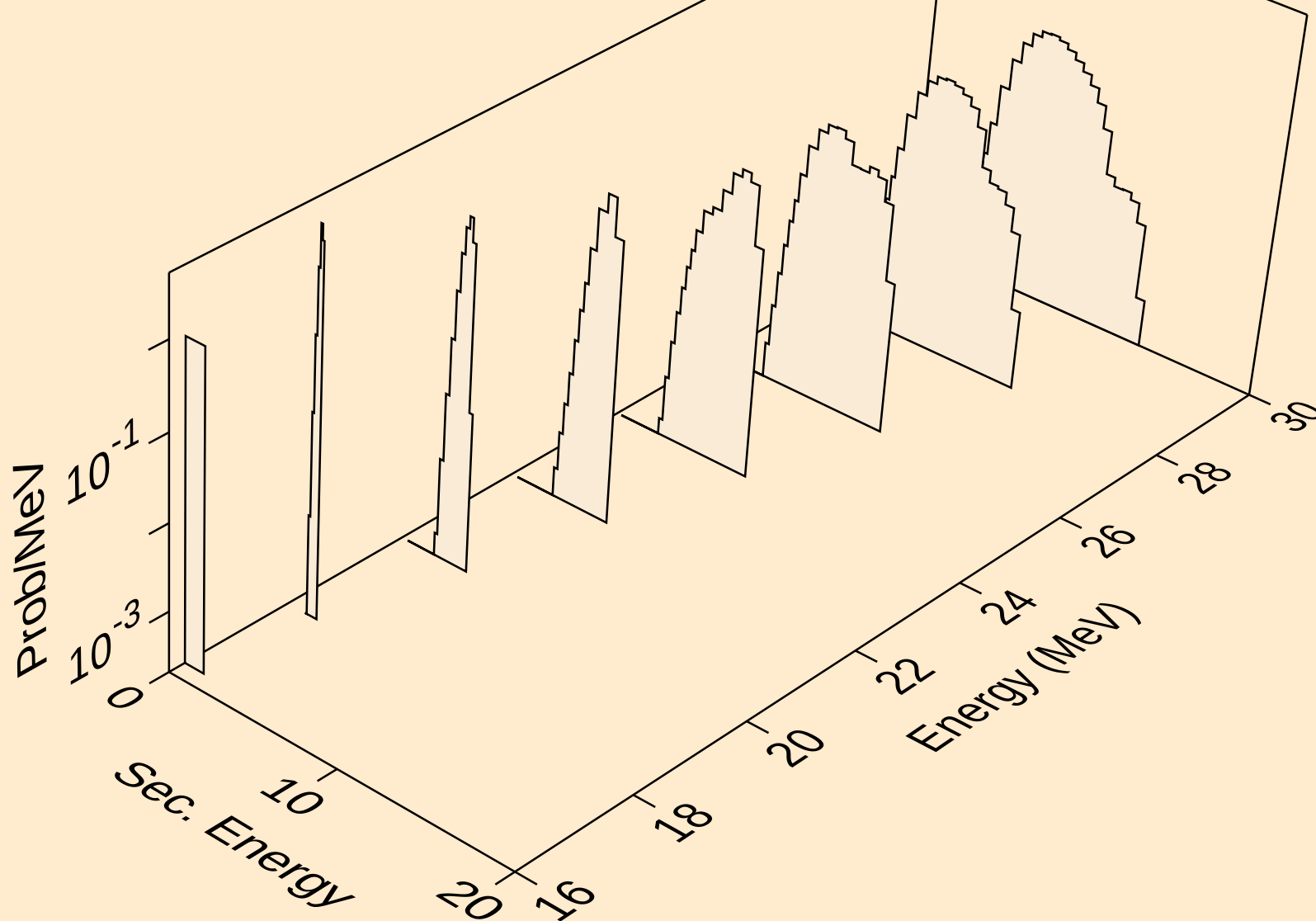
AU189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,2np)



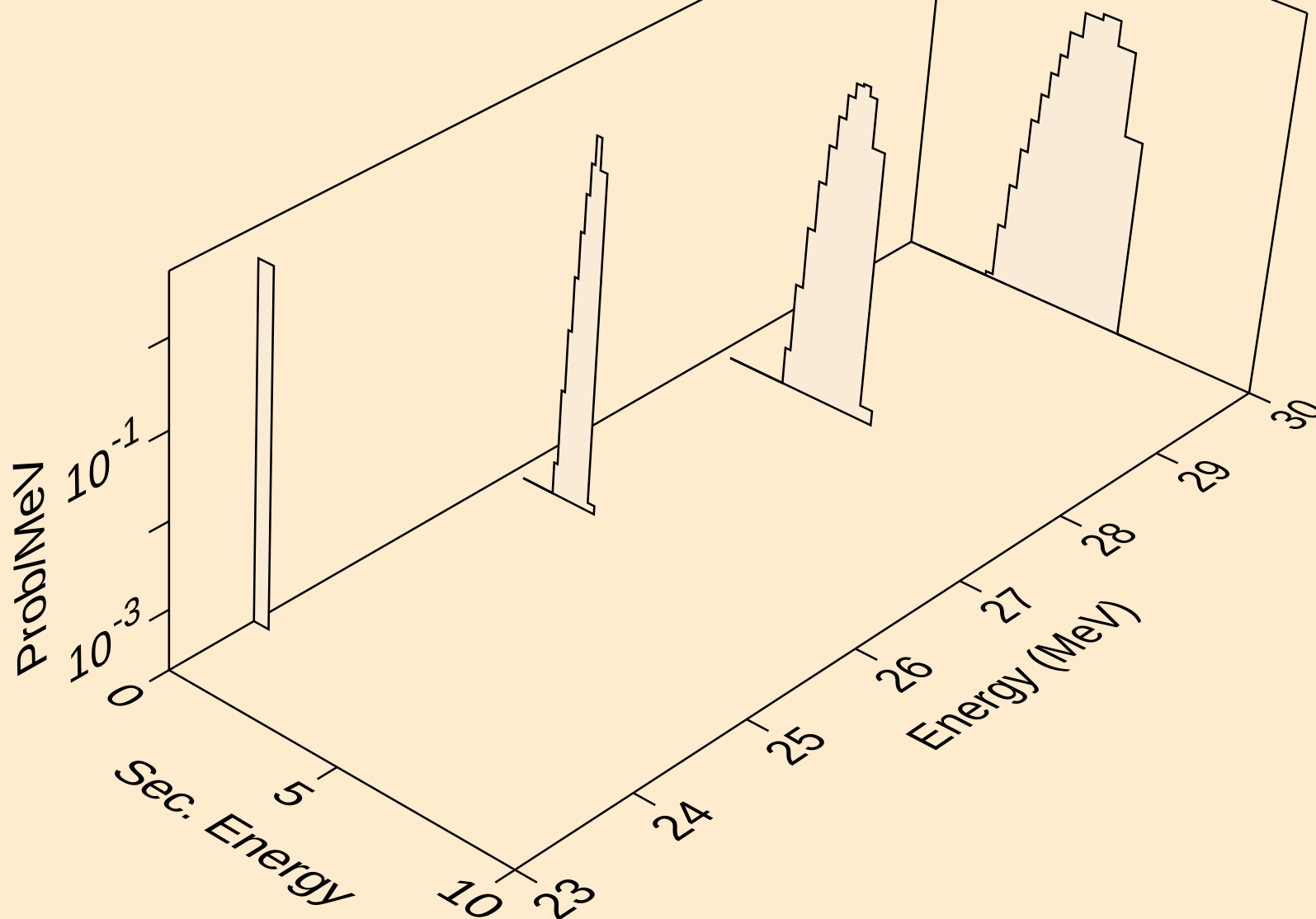
AU189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
protons from (a,x)



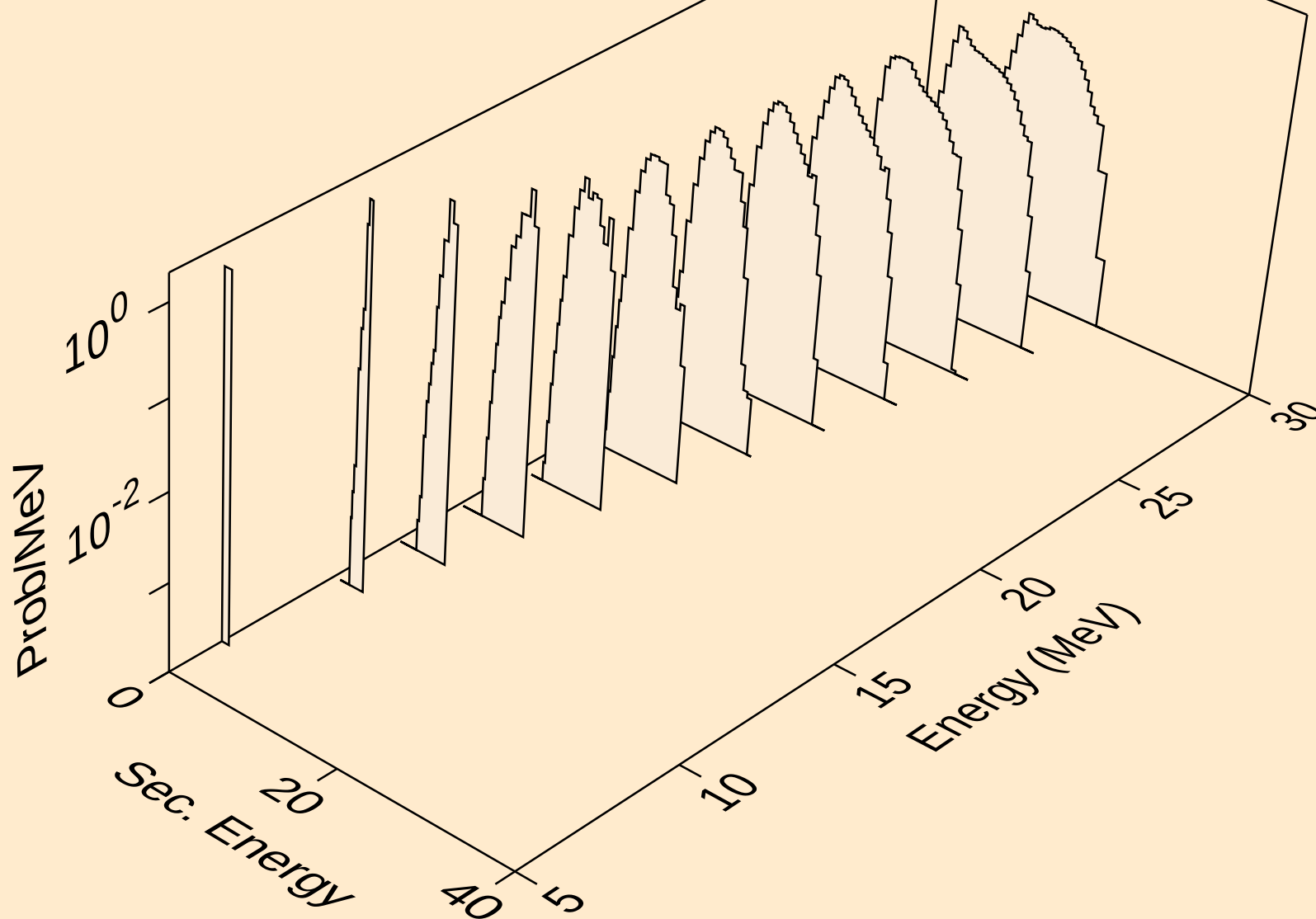
AU189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
protons from (a,n*)p



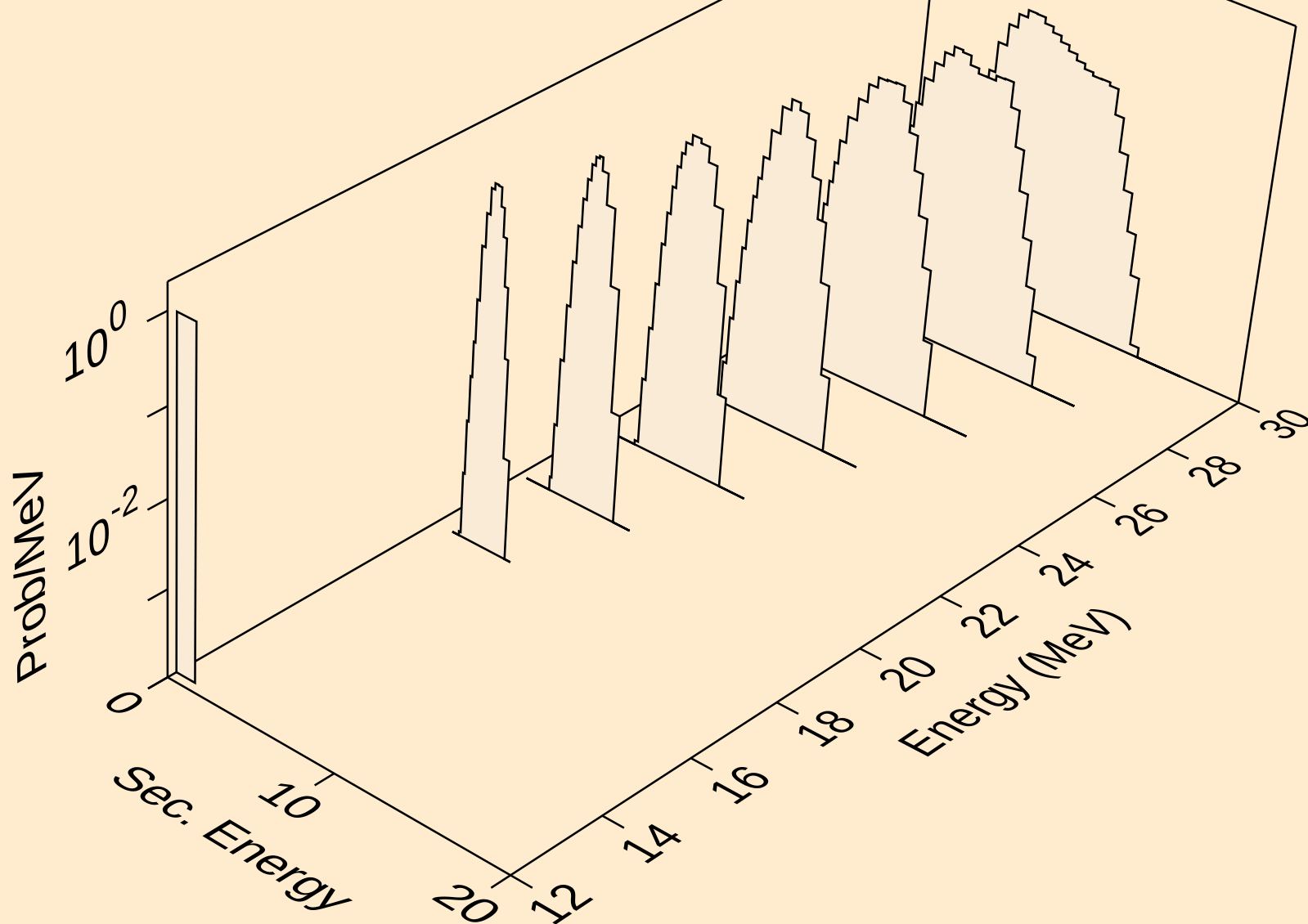
AU189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
protons from (a,2np)



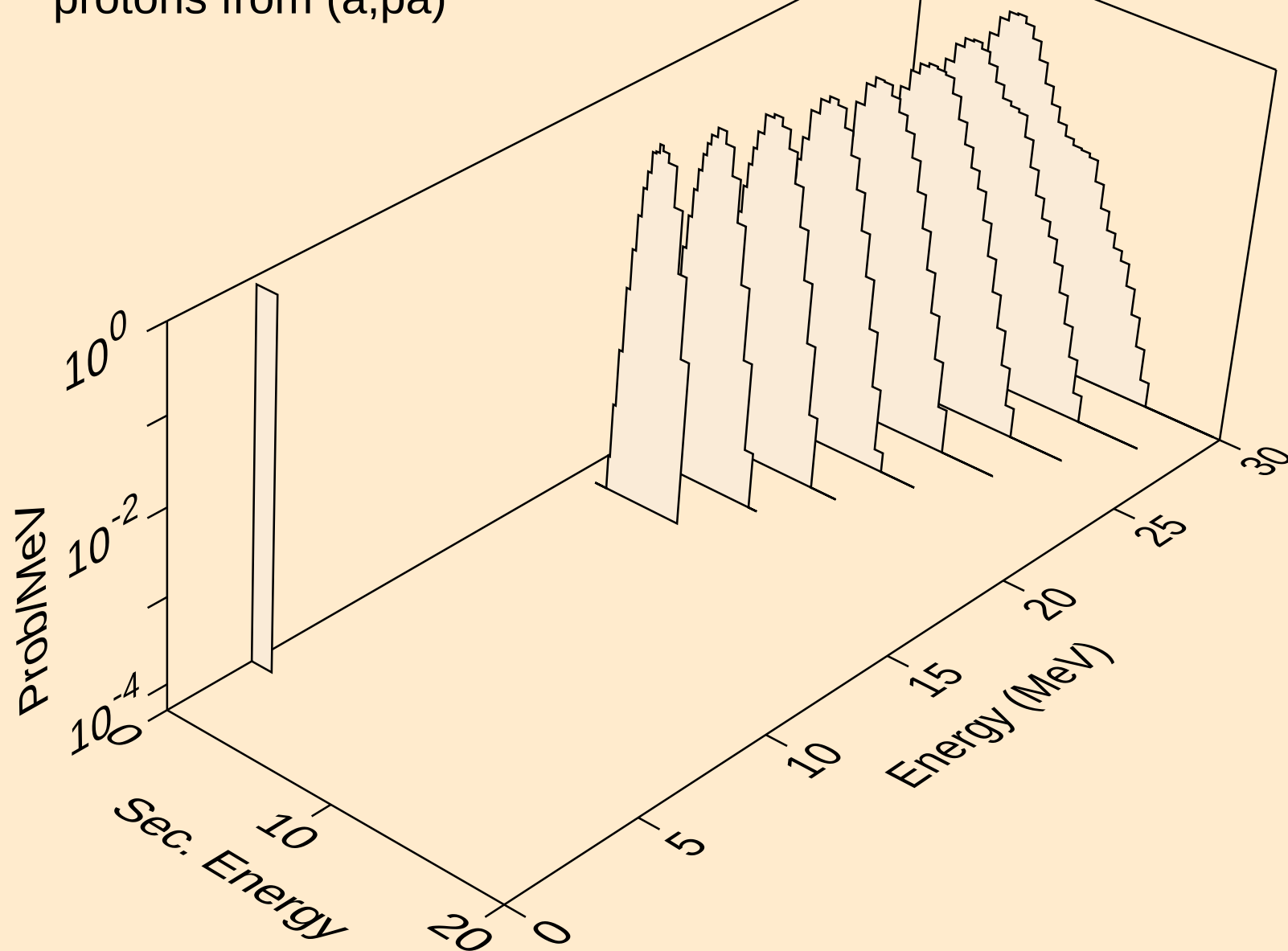
AU189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
protons from (a,p)



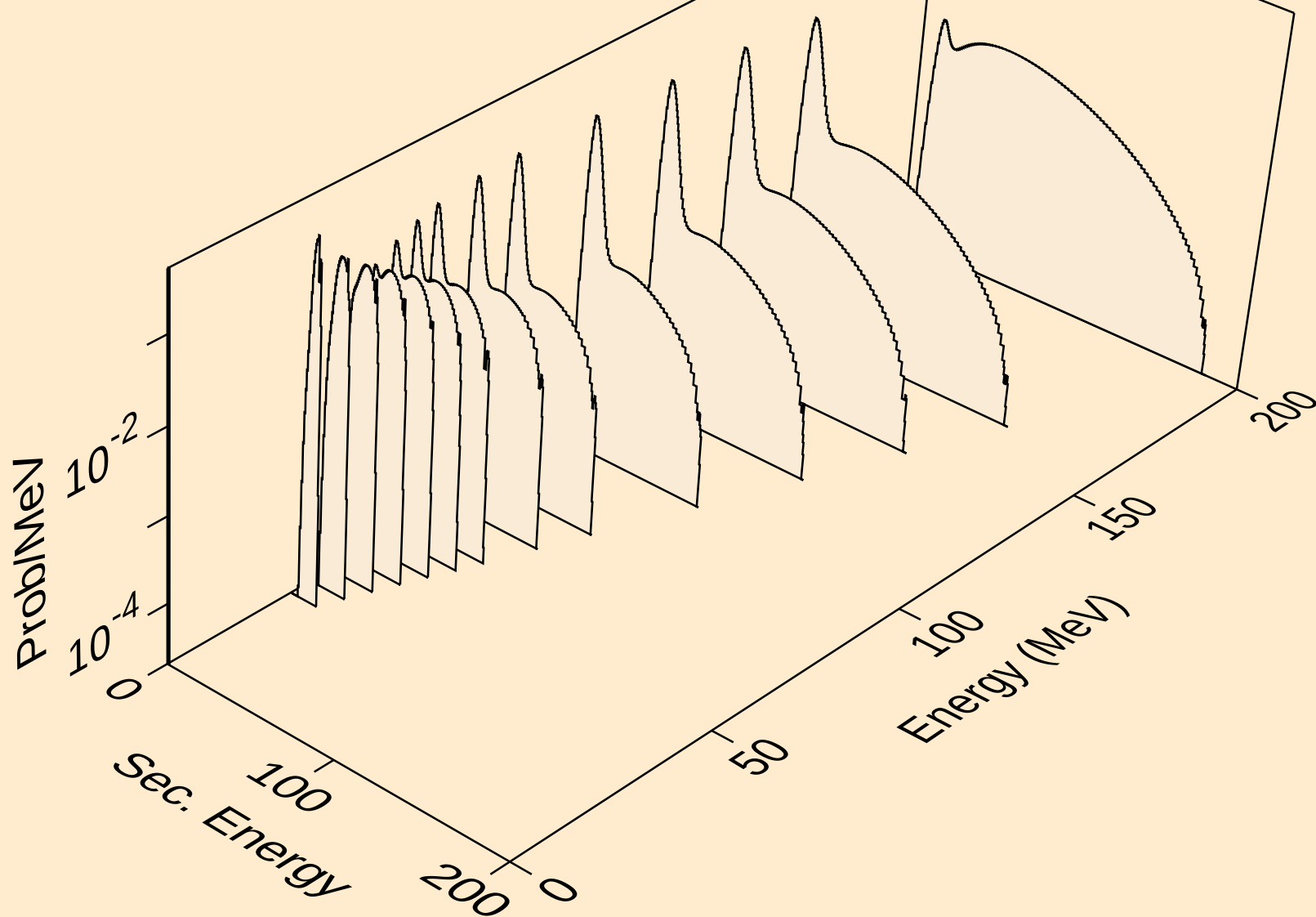
AU189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
protons from (a,2p)



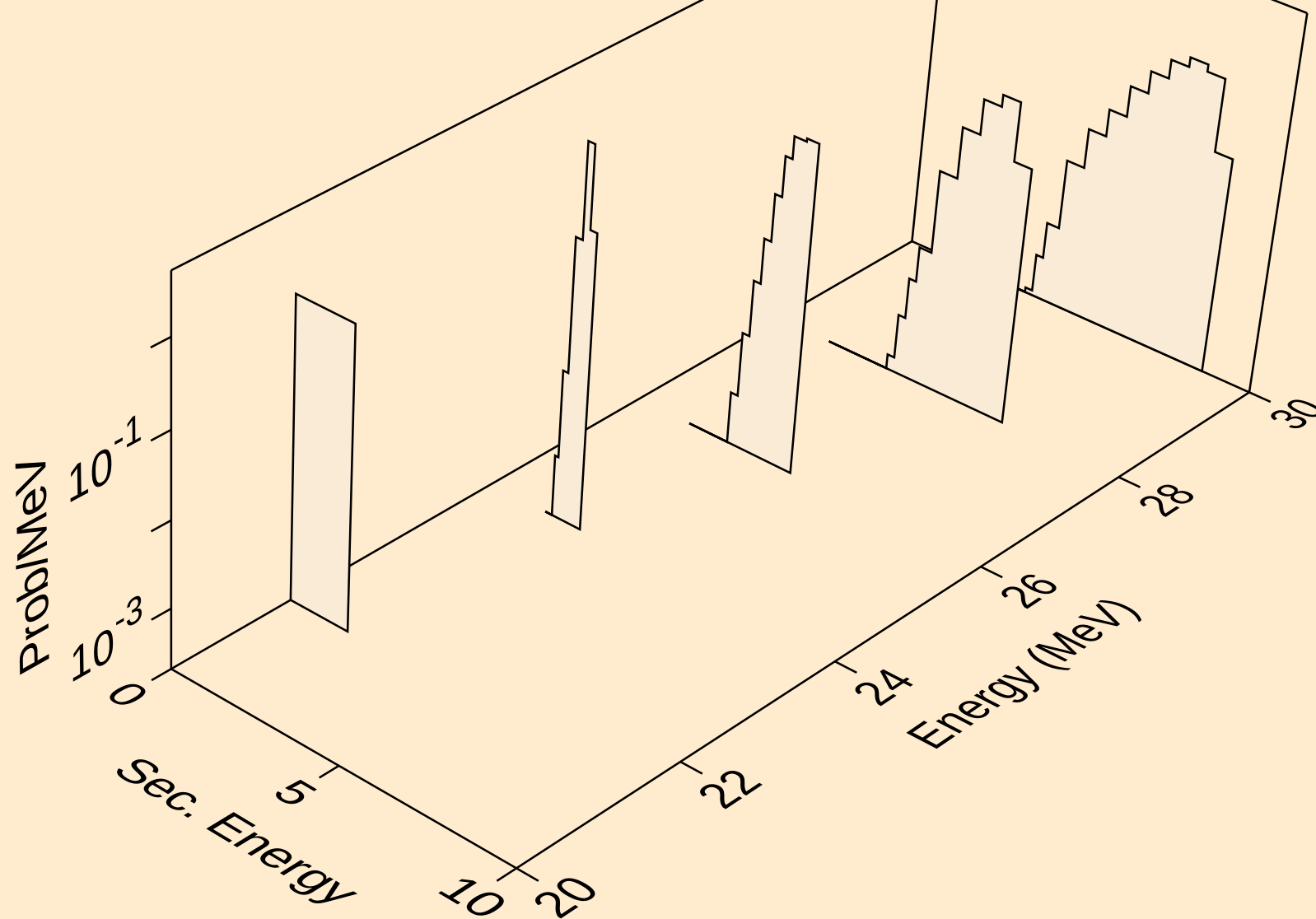
AU189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
protons from (a,pa)



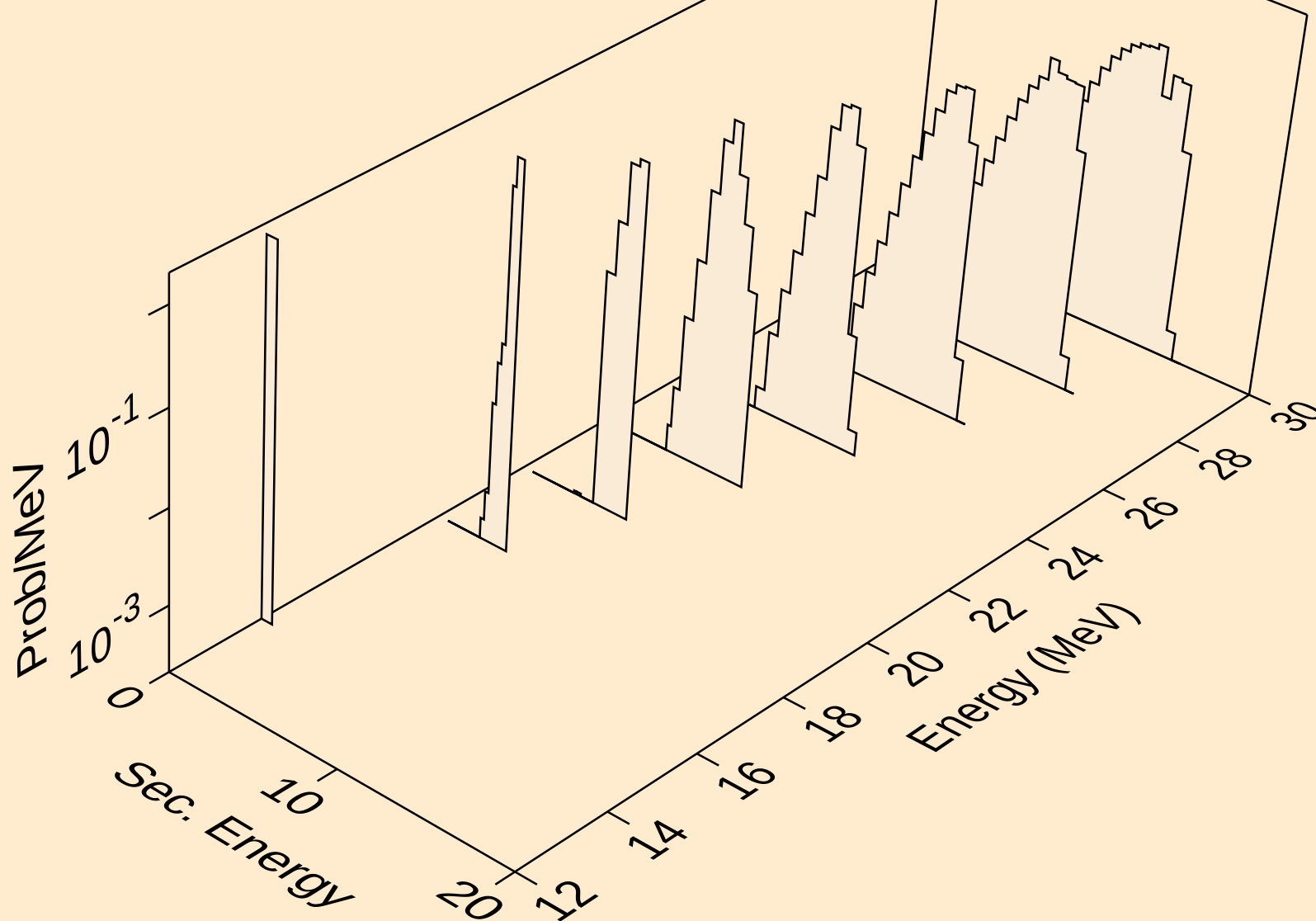
AU189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (a,x)



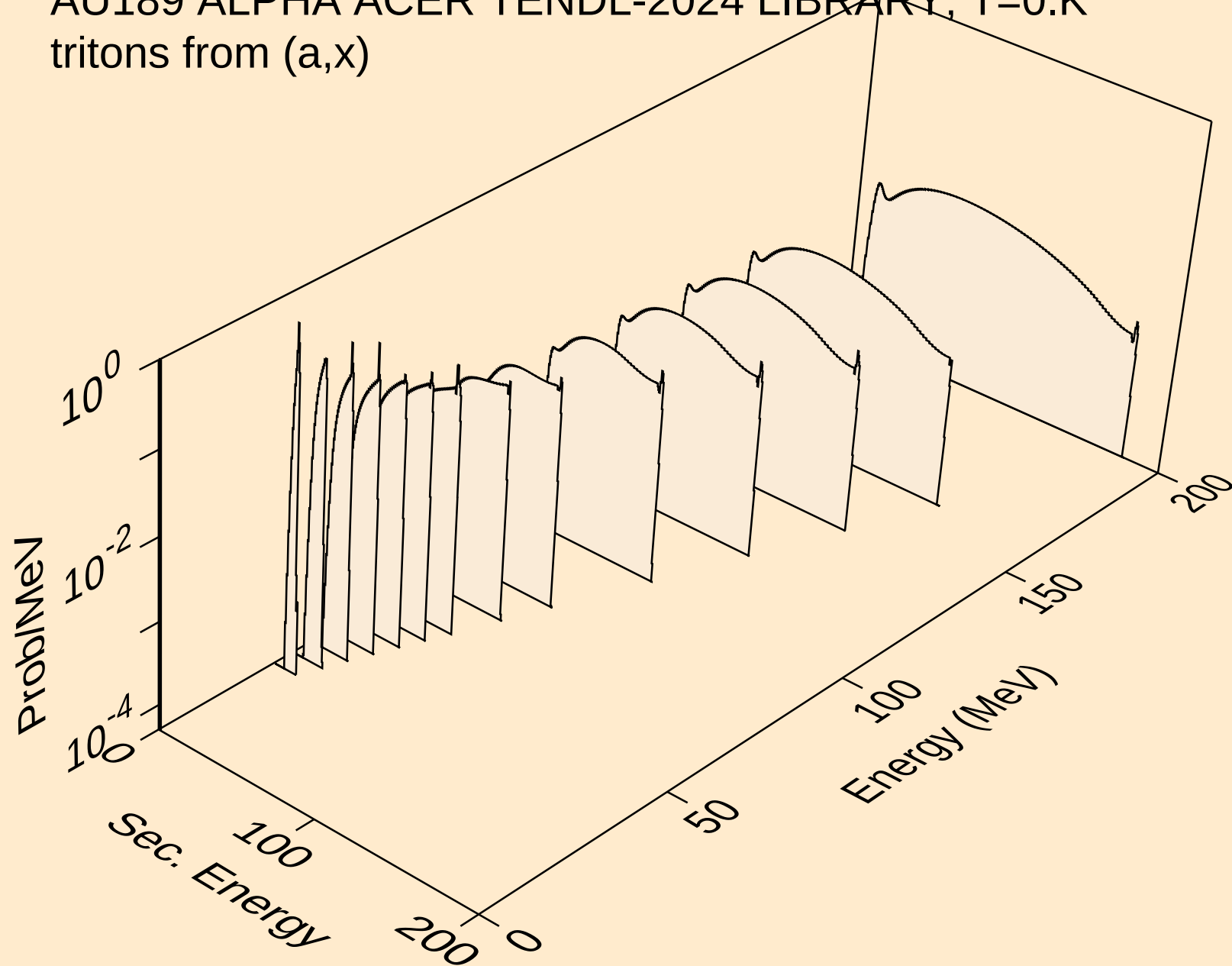
AU189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (a,n*)d



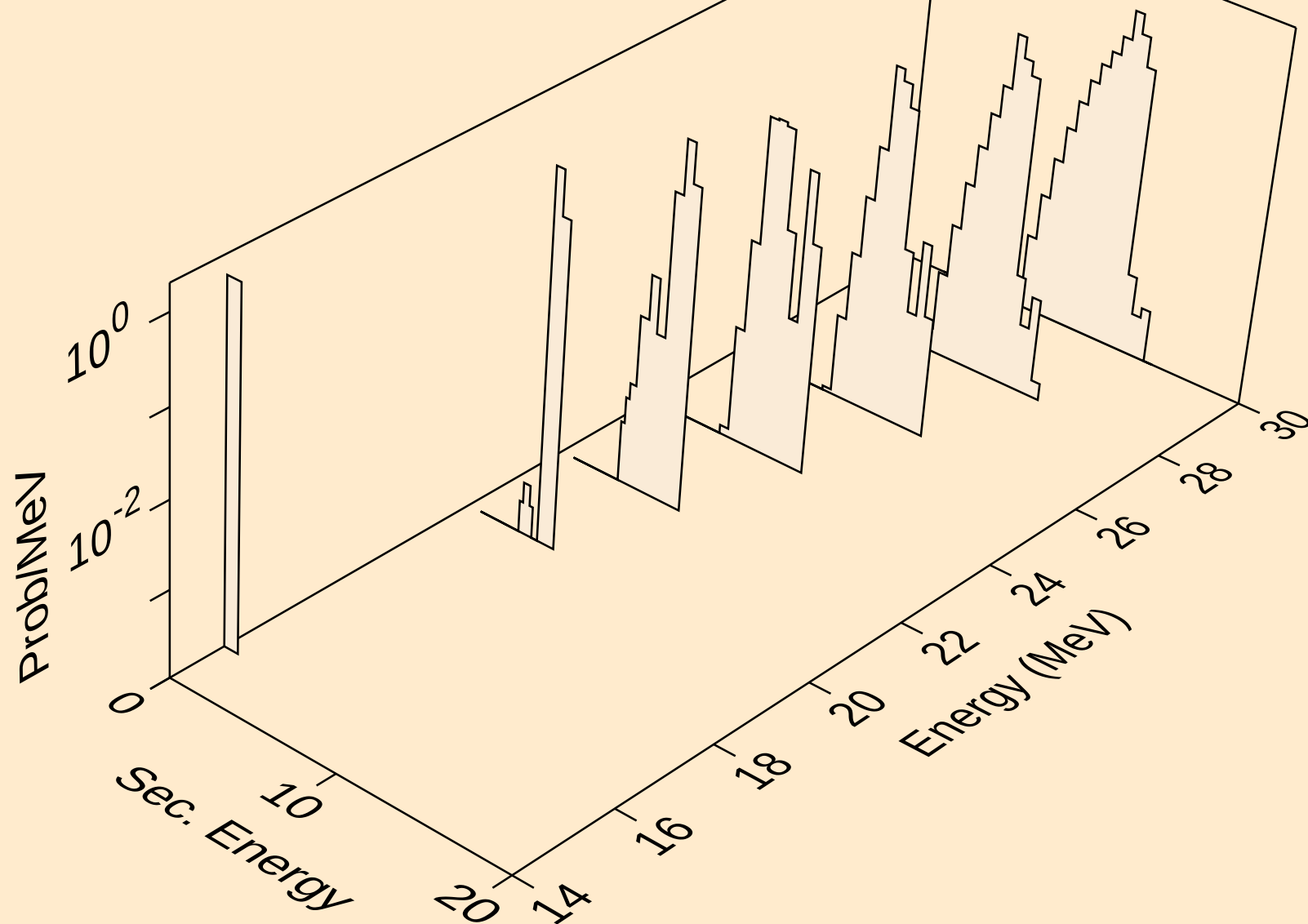
AU189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (a,d)



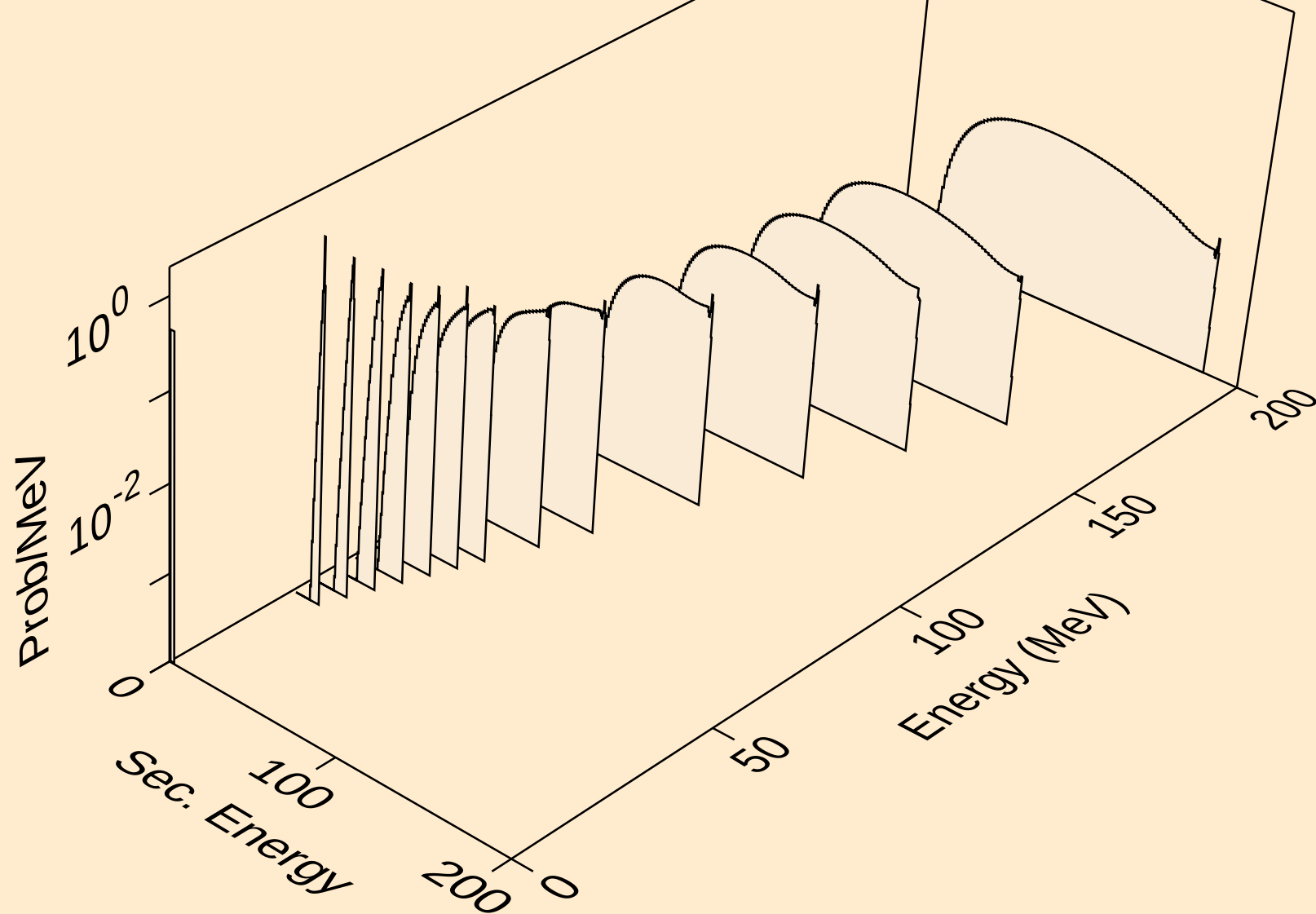
AU189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
tritons from (a,x)



AU189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
tritons from (a,t)



AU189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
he3s from (a,x)



AU189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
he3s from (a,he3)

