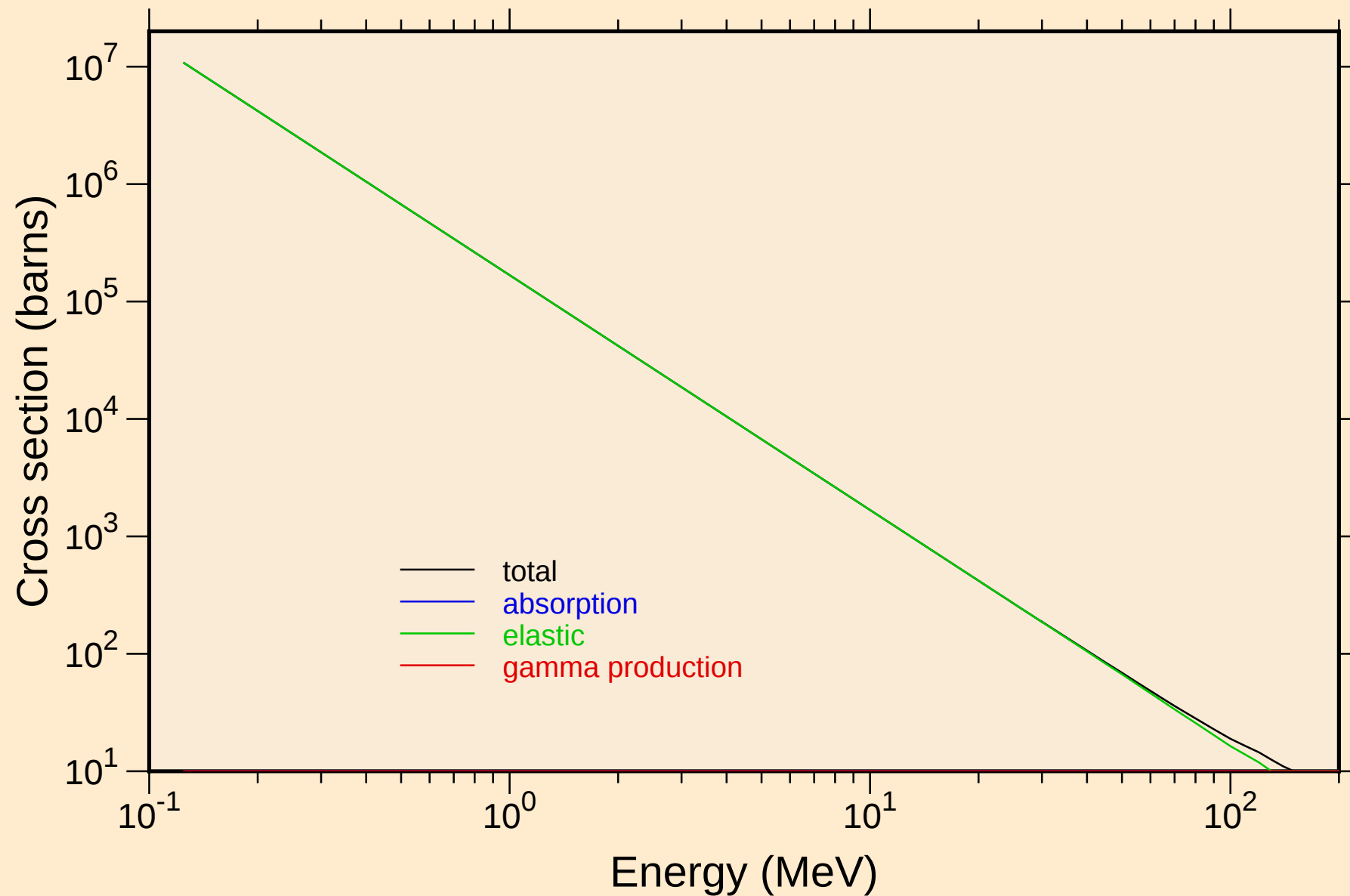


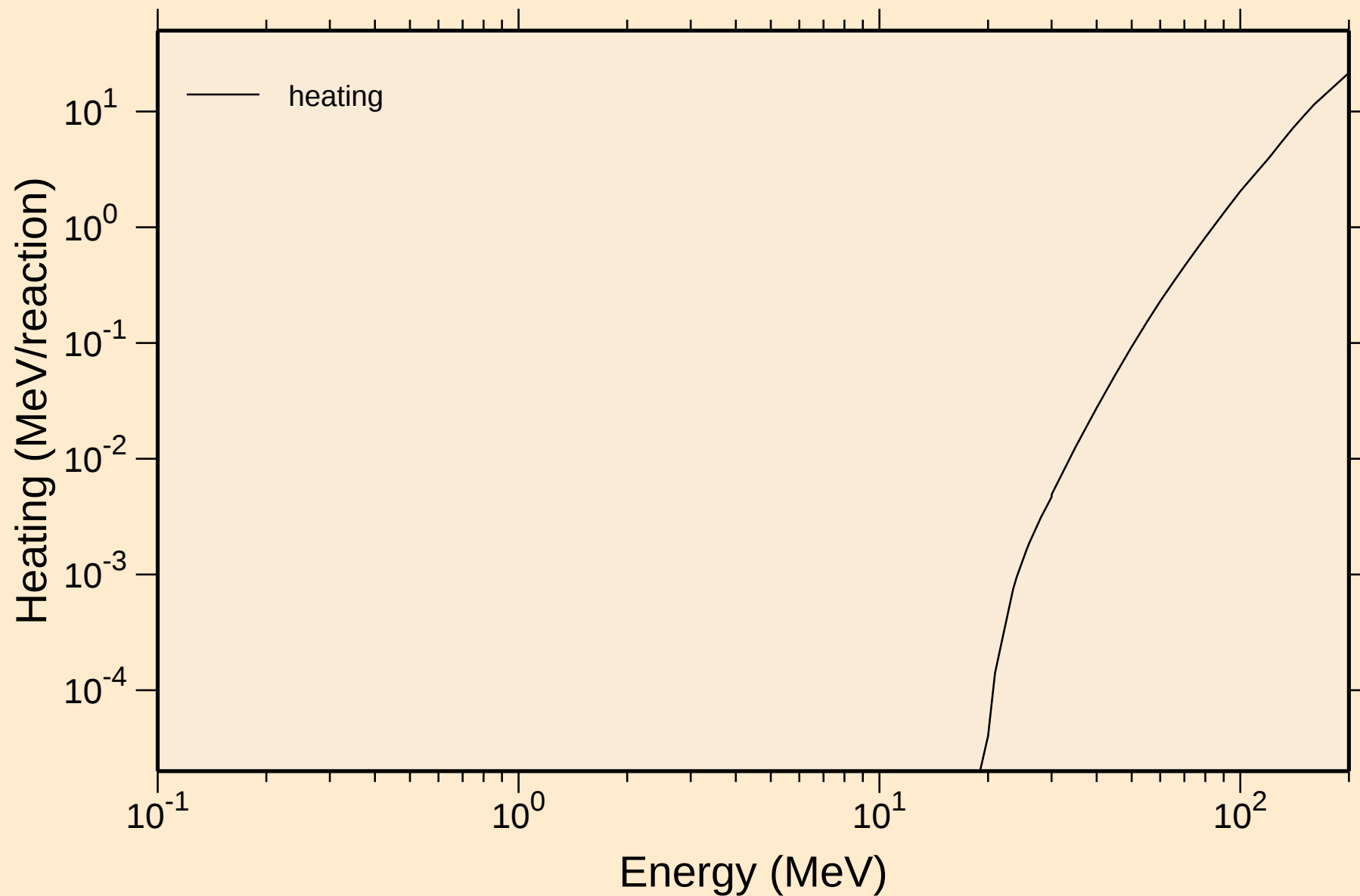
TL189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections



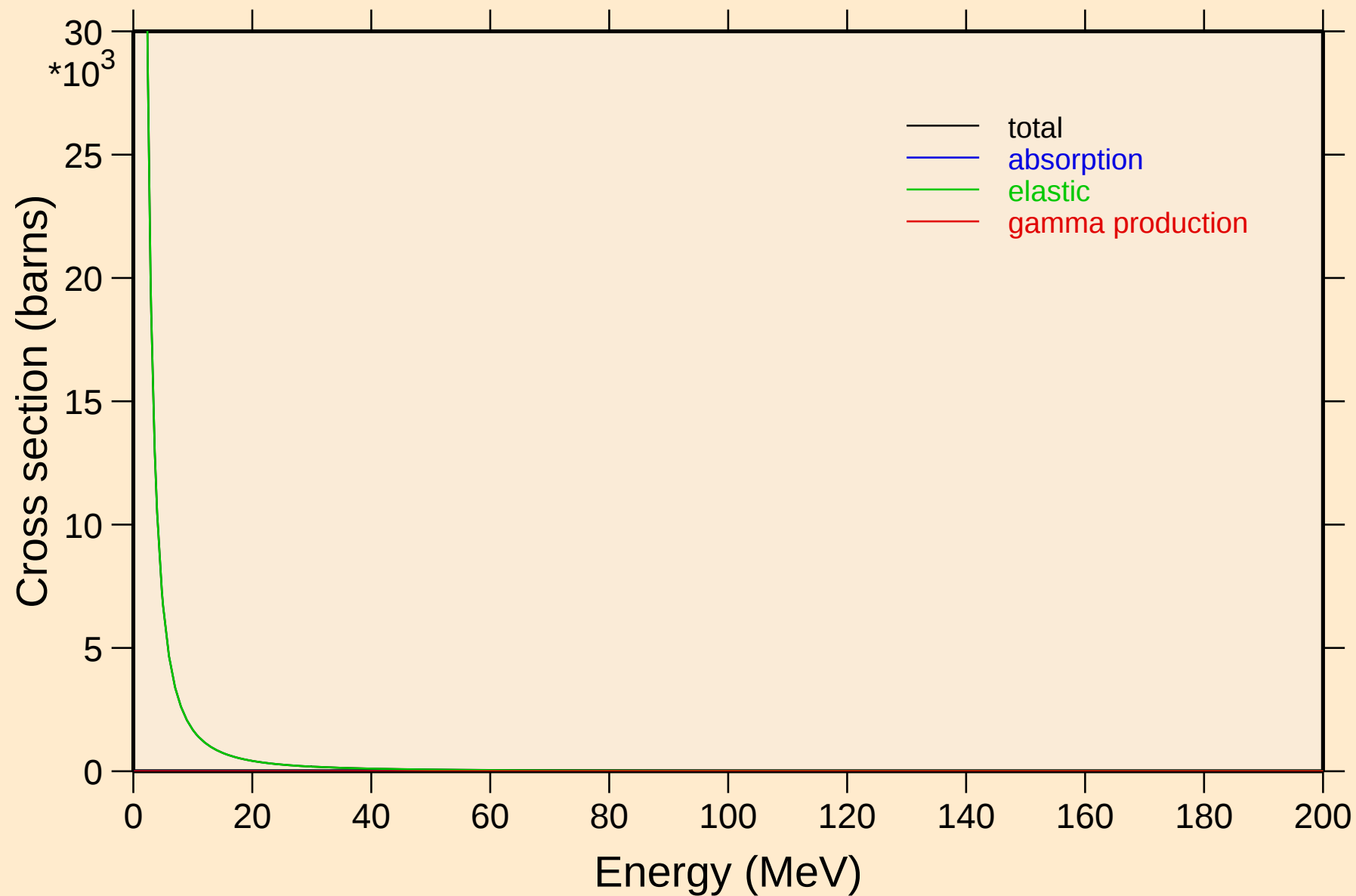
TL189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Heating



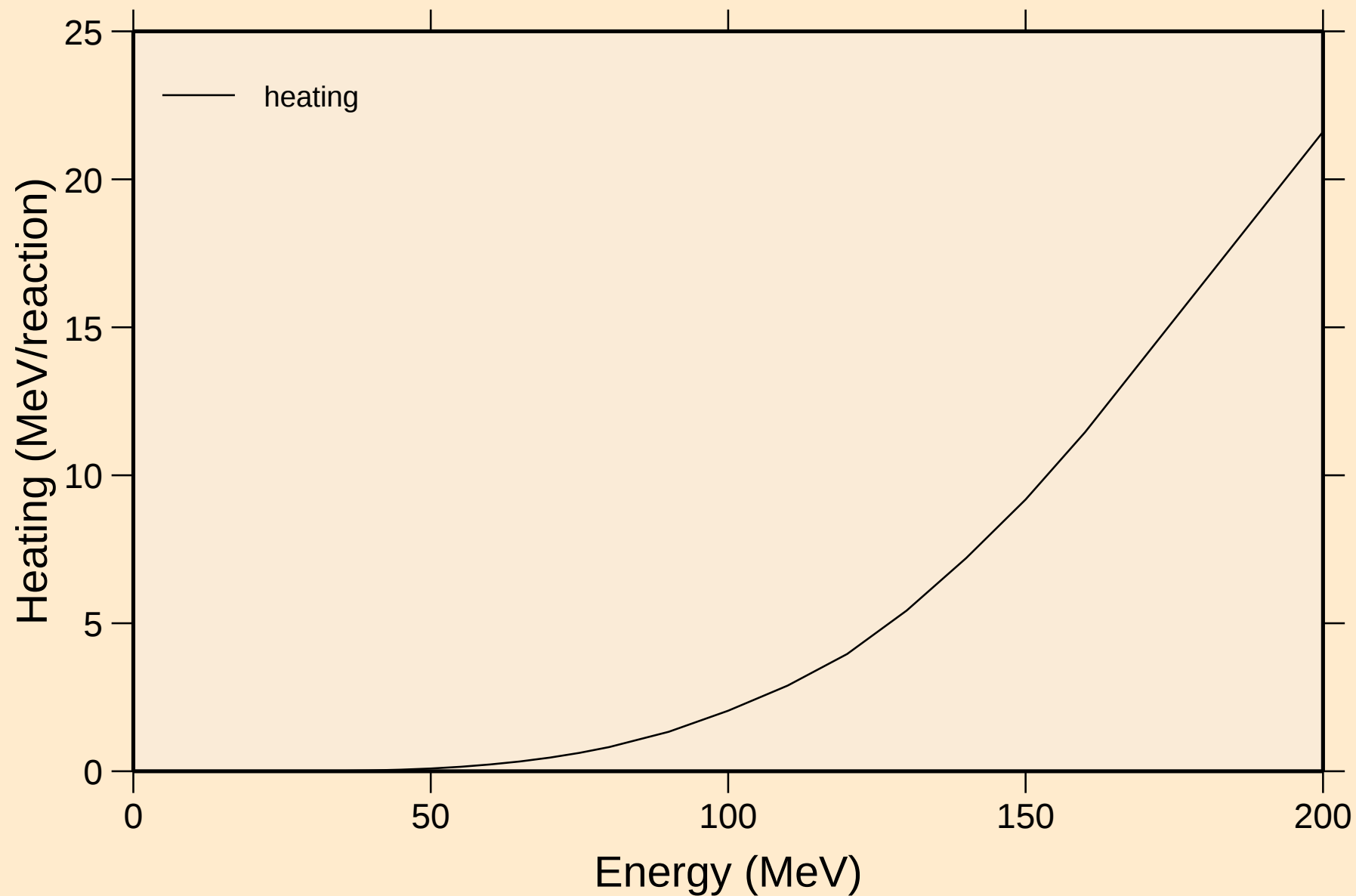
TL189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections



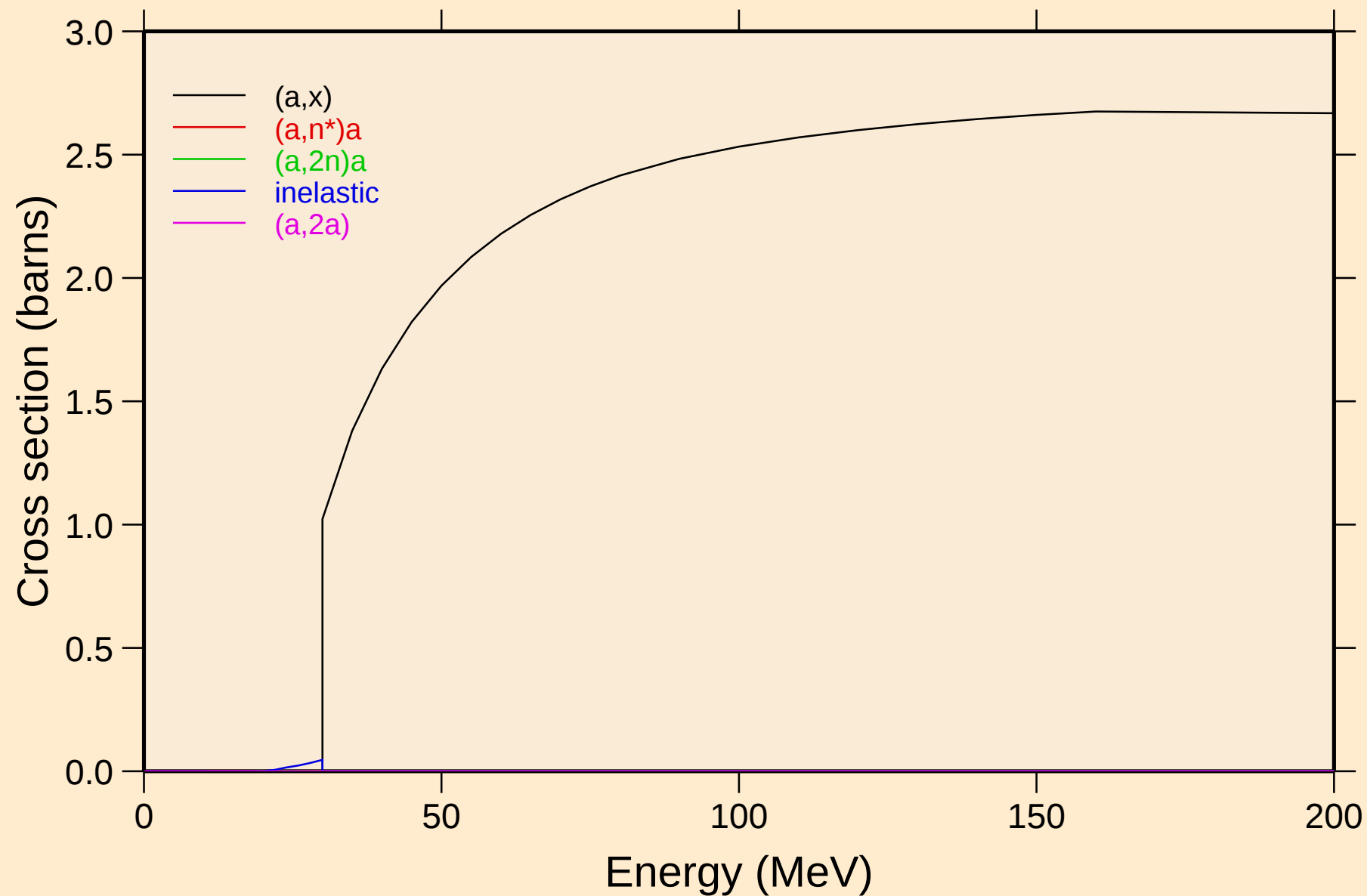
TL189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Heating



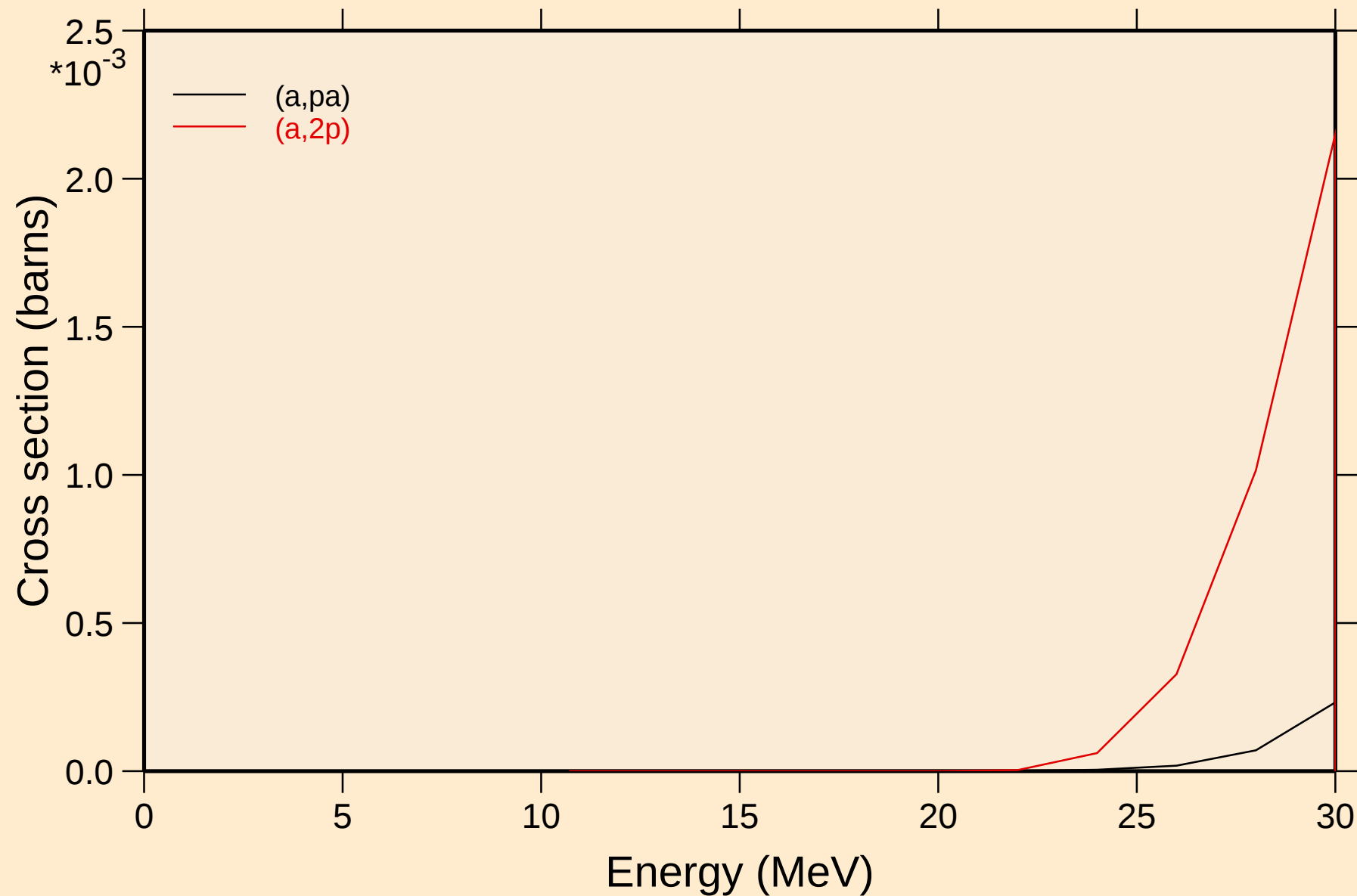
TL189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions



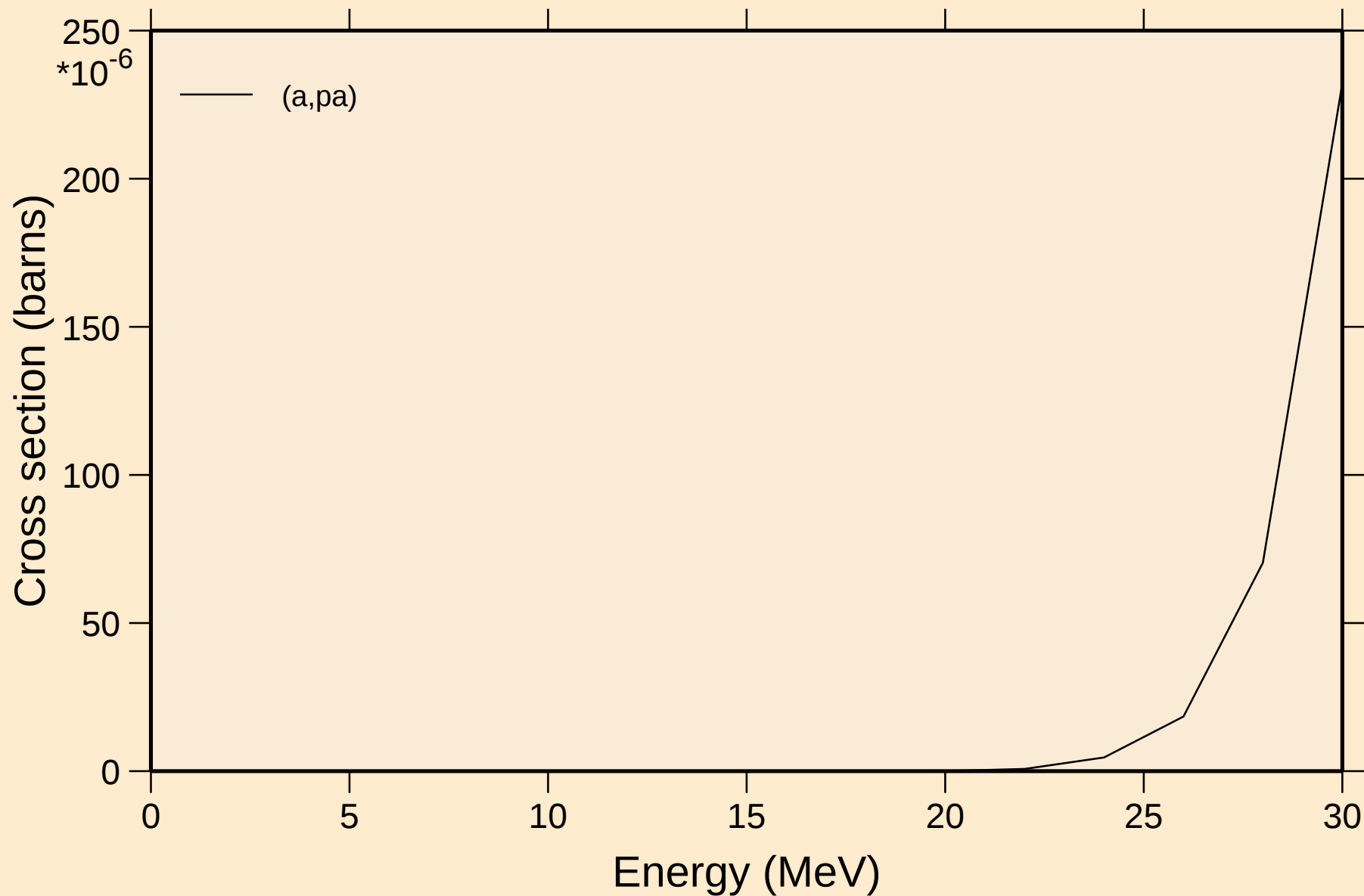
TL189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions

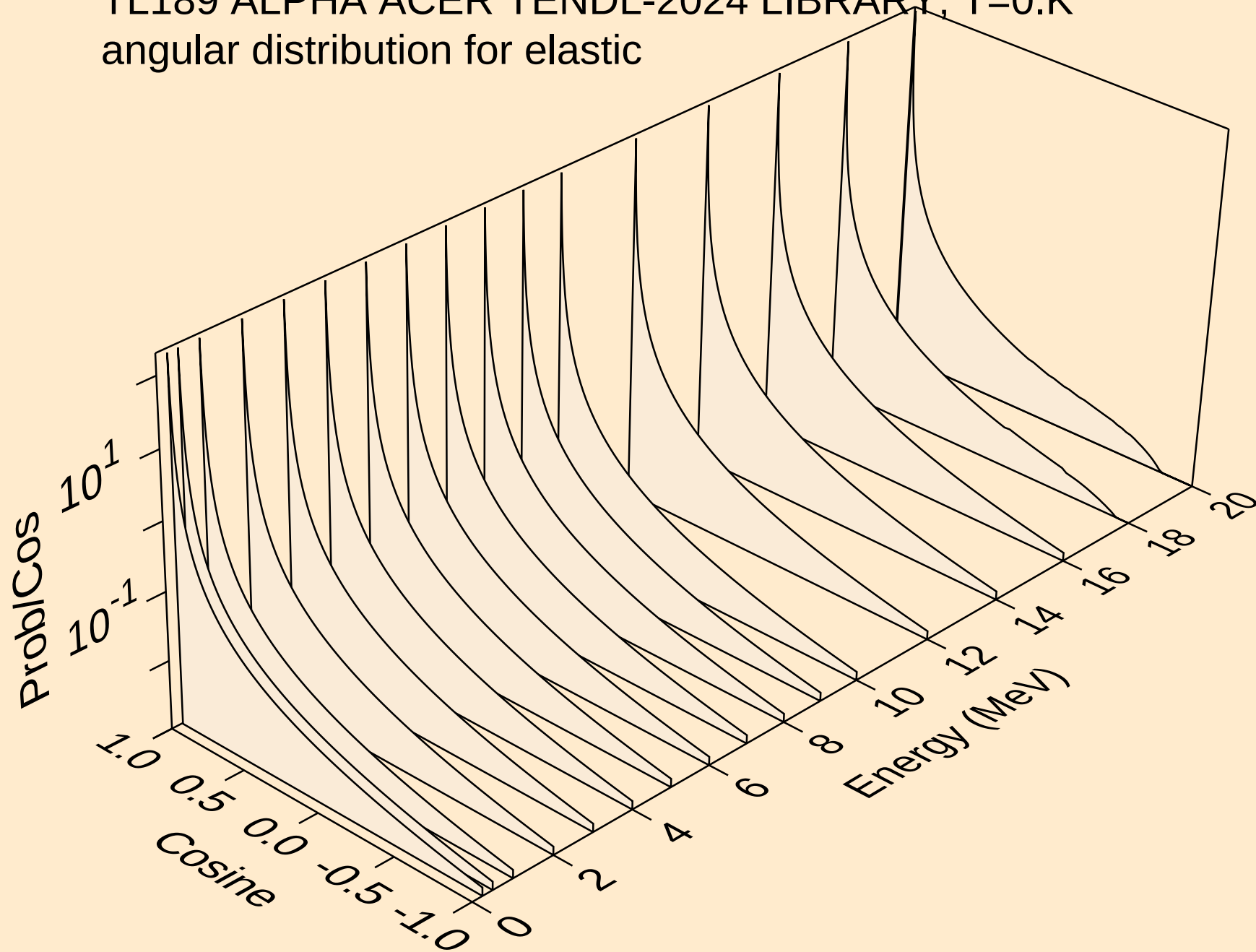


TL189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

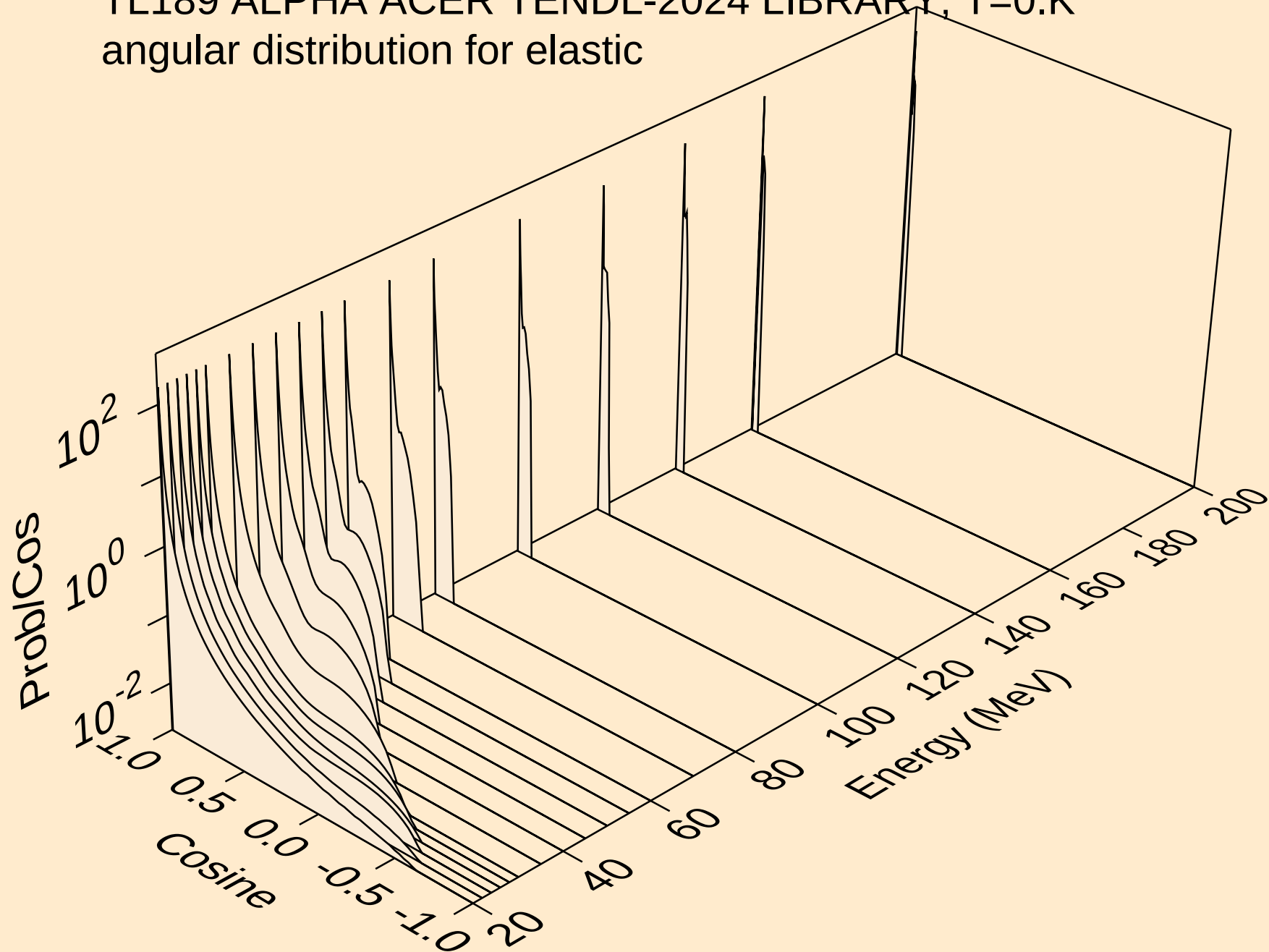
Threshold reactions



TL189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic

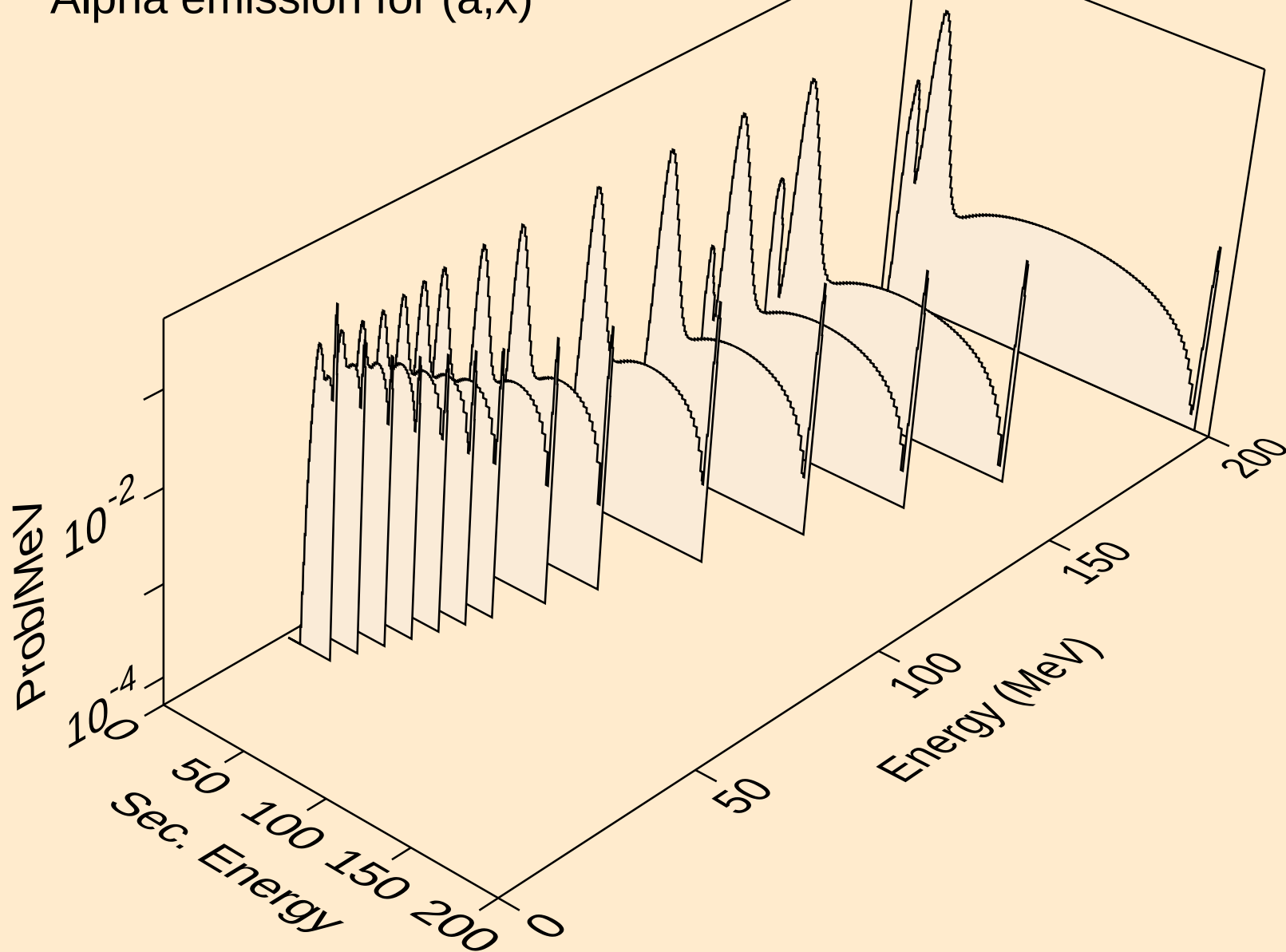


TL189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic



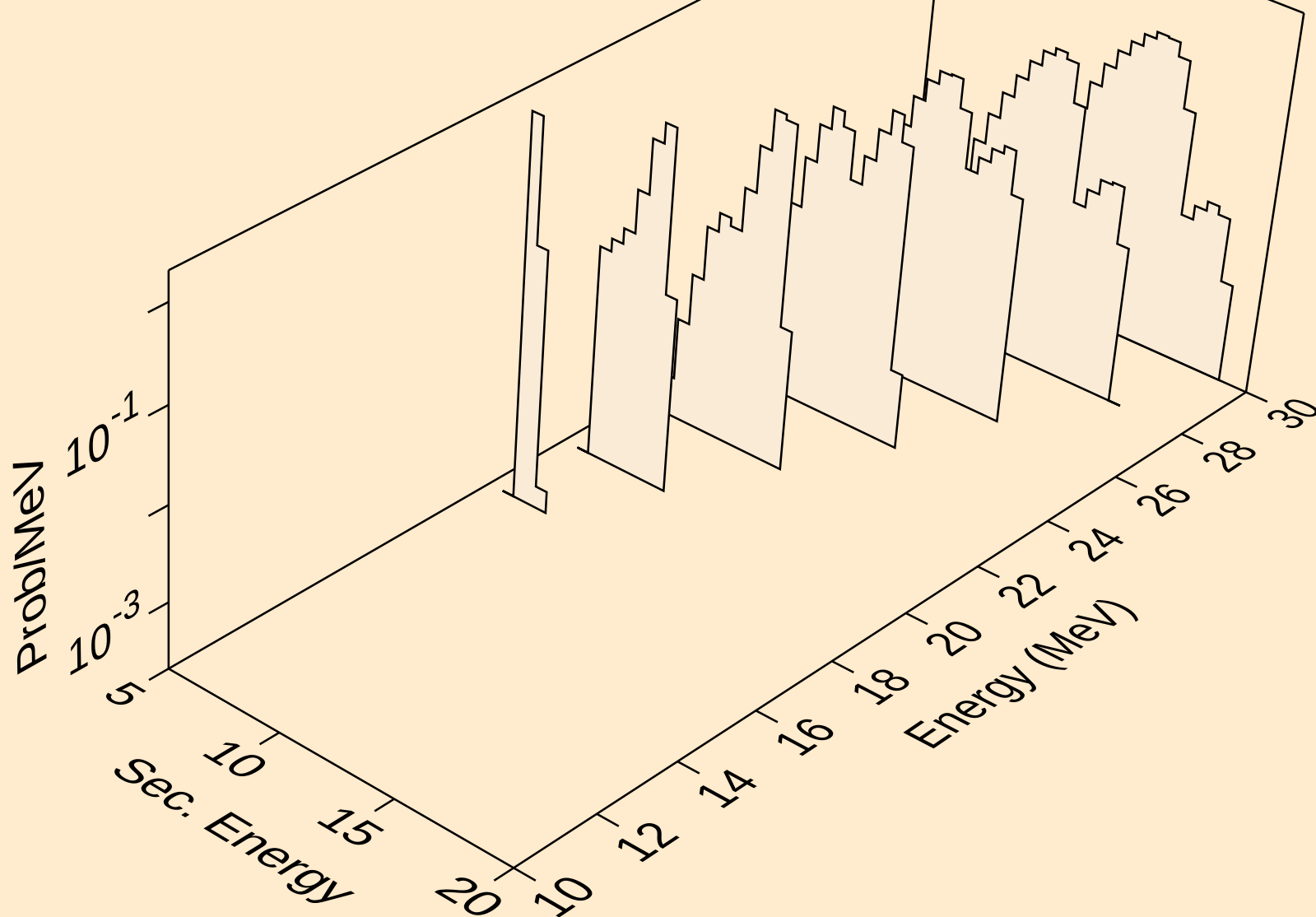
TL189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,x)



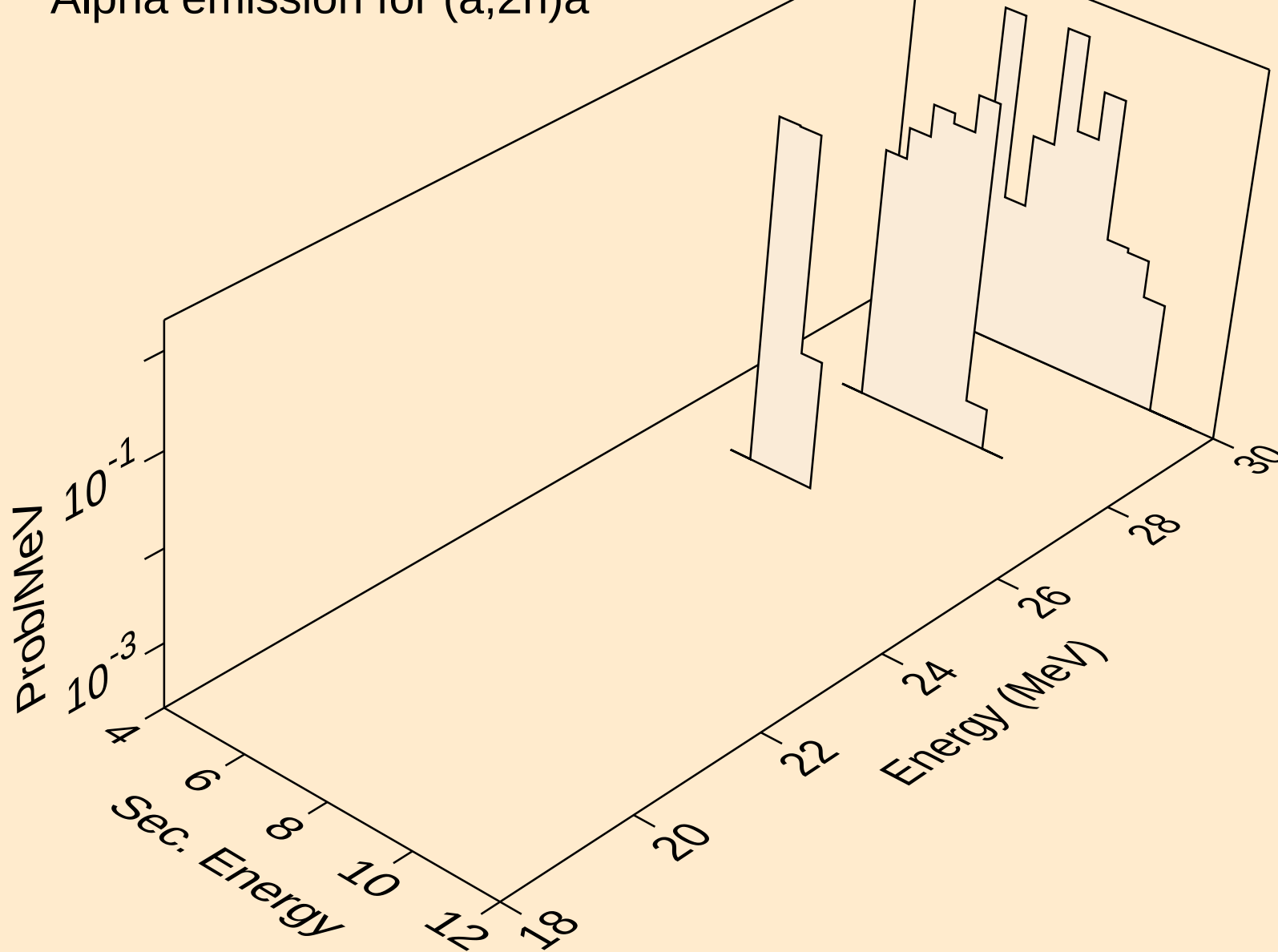
TL189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,n*)a



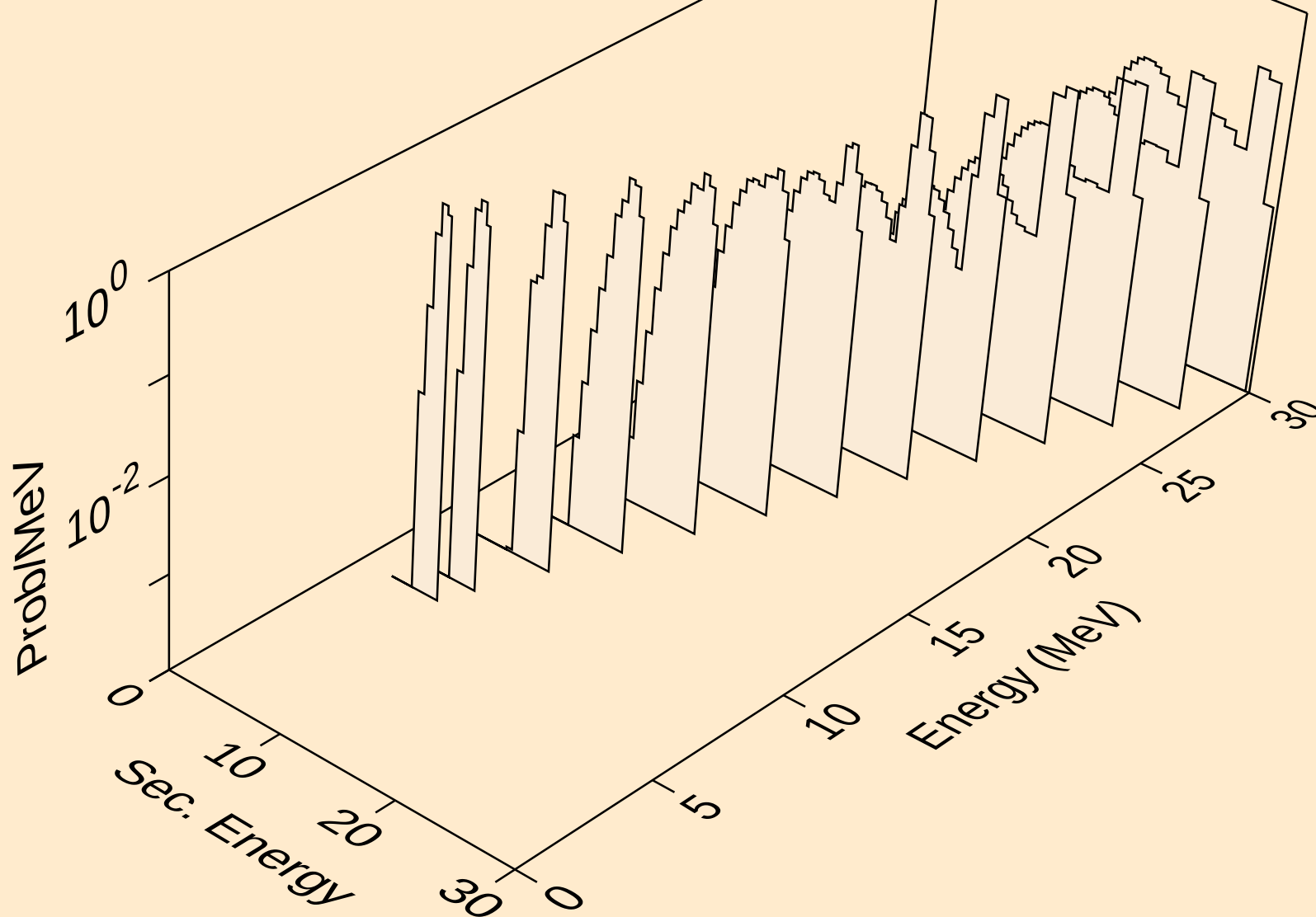
TL189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,2n)a

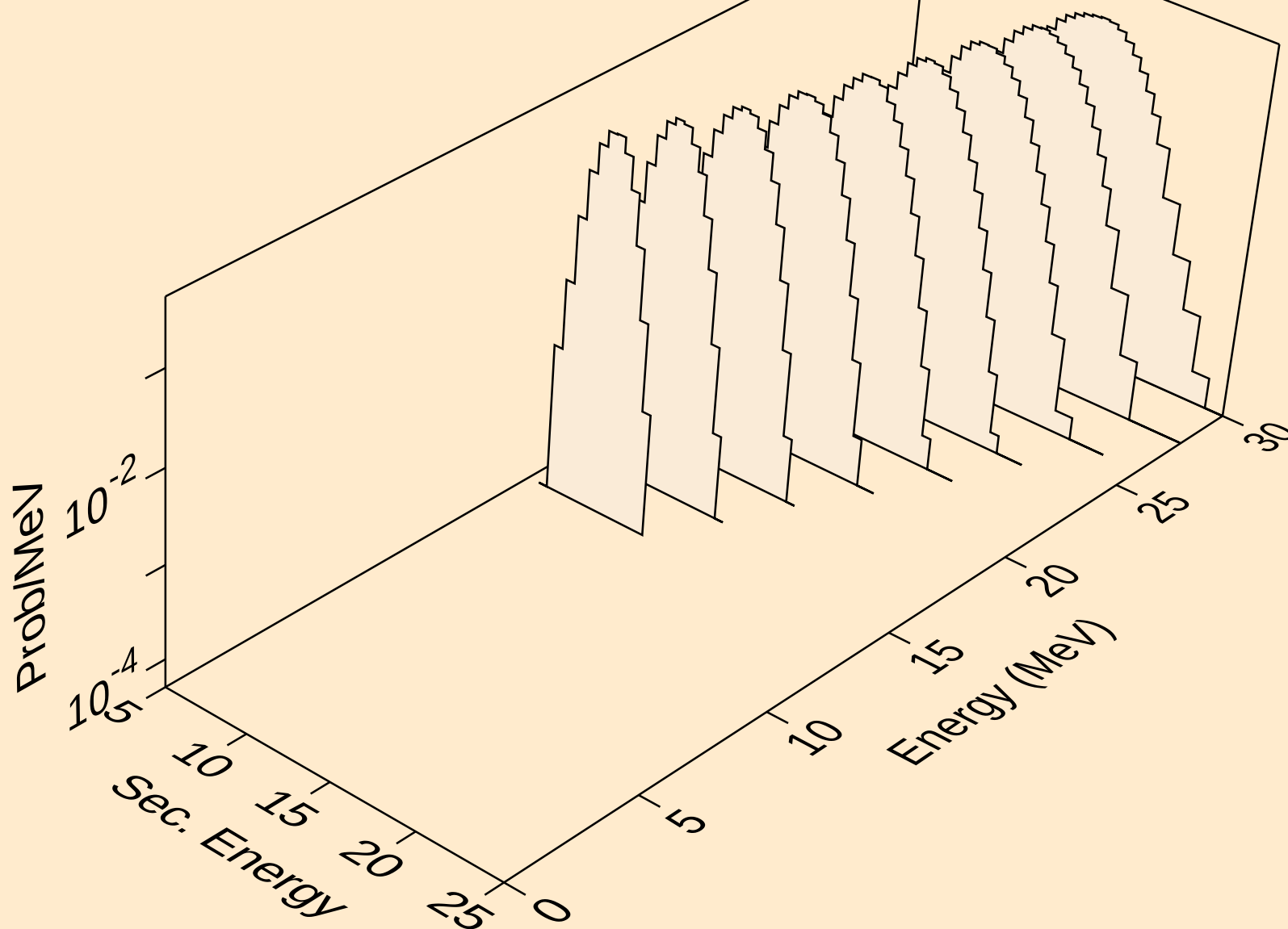


TL189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

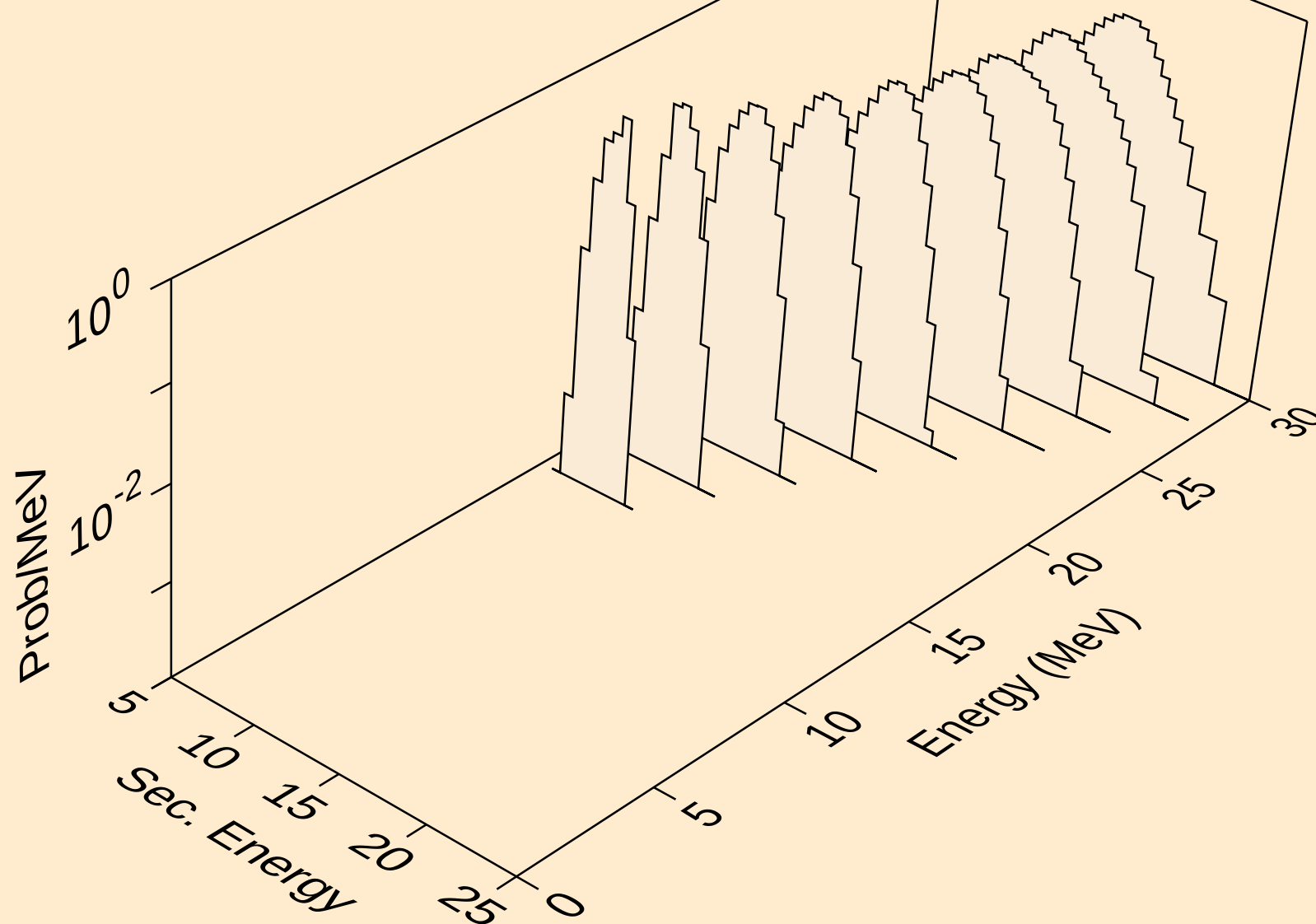
Alpha emission for inelastic



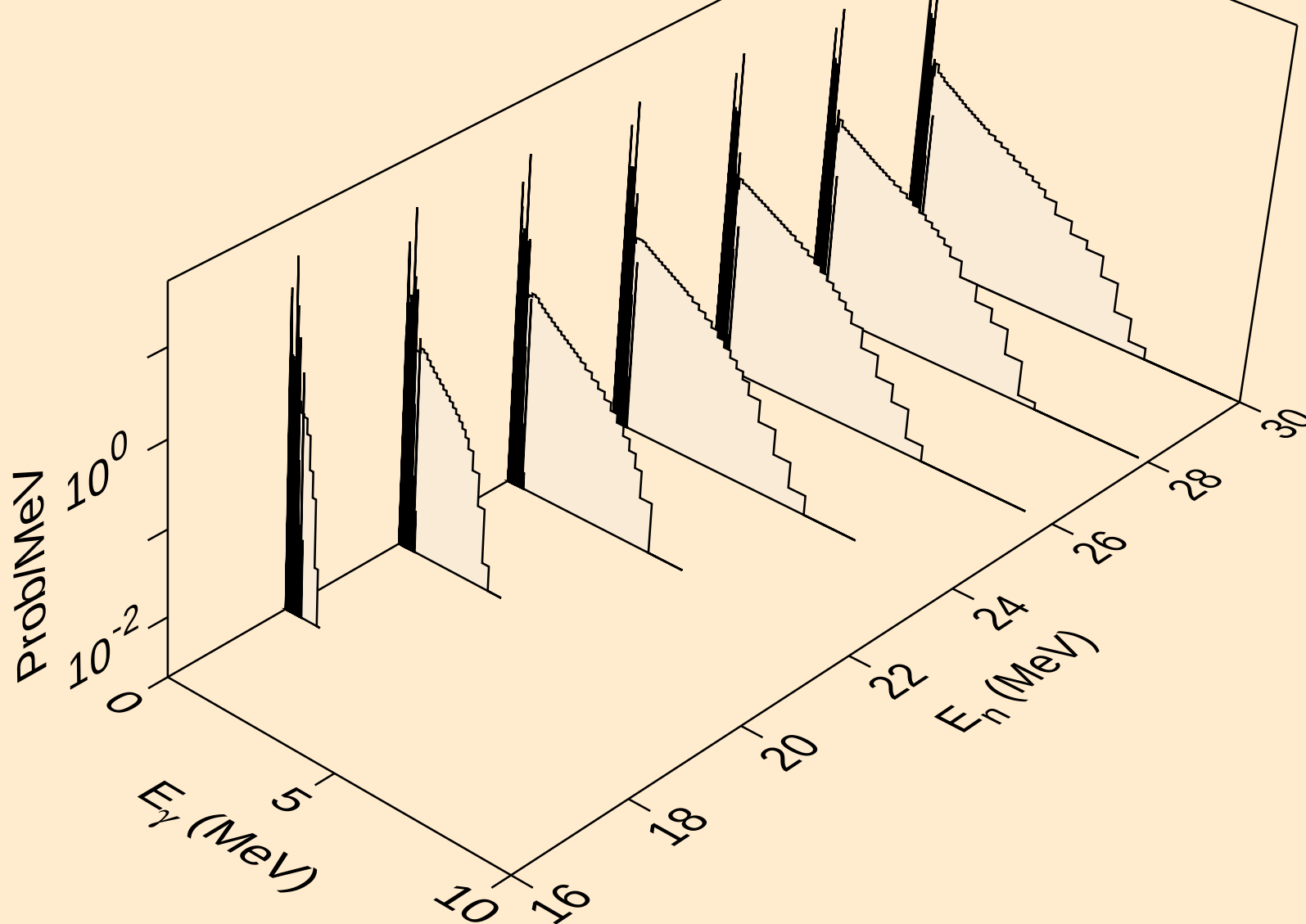
TL189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Alpha emission for (a,2a)



TL189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Alpha emission for (a,pa)

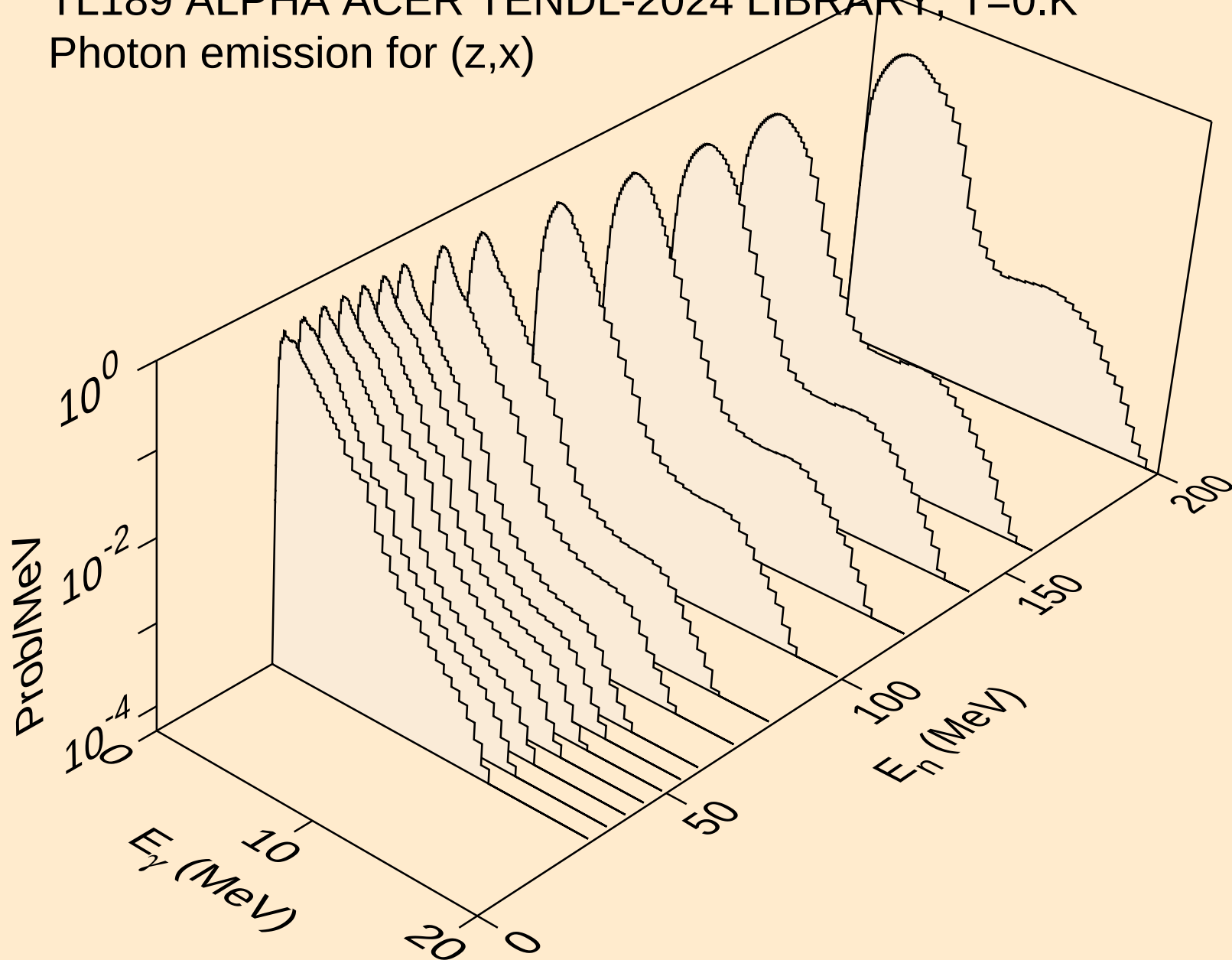


TL189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (z,n)

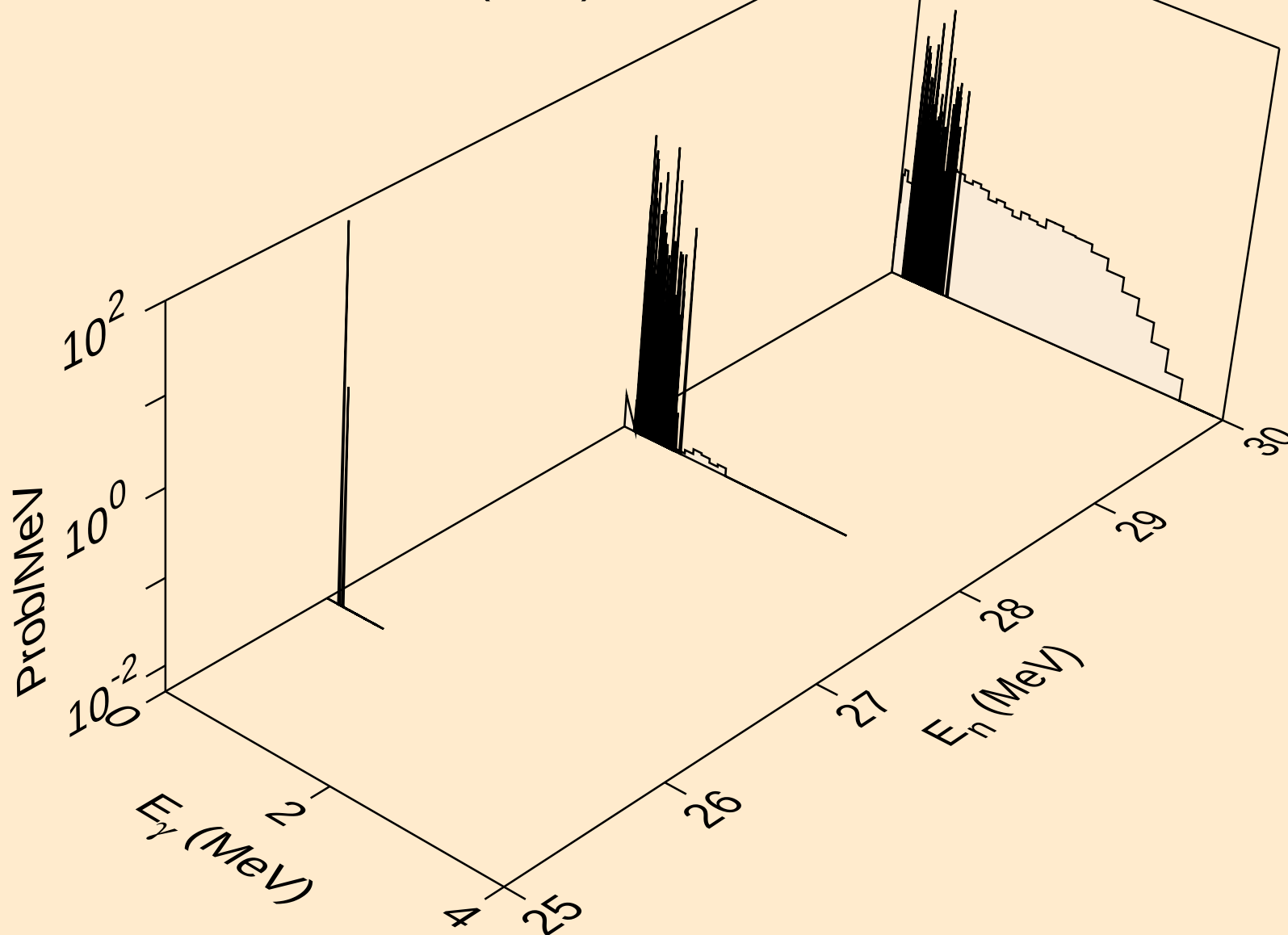


TL189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (z,x)

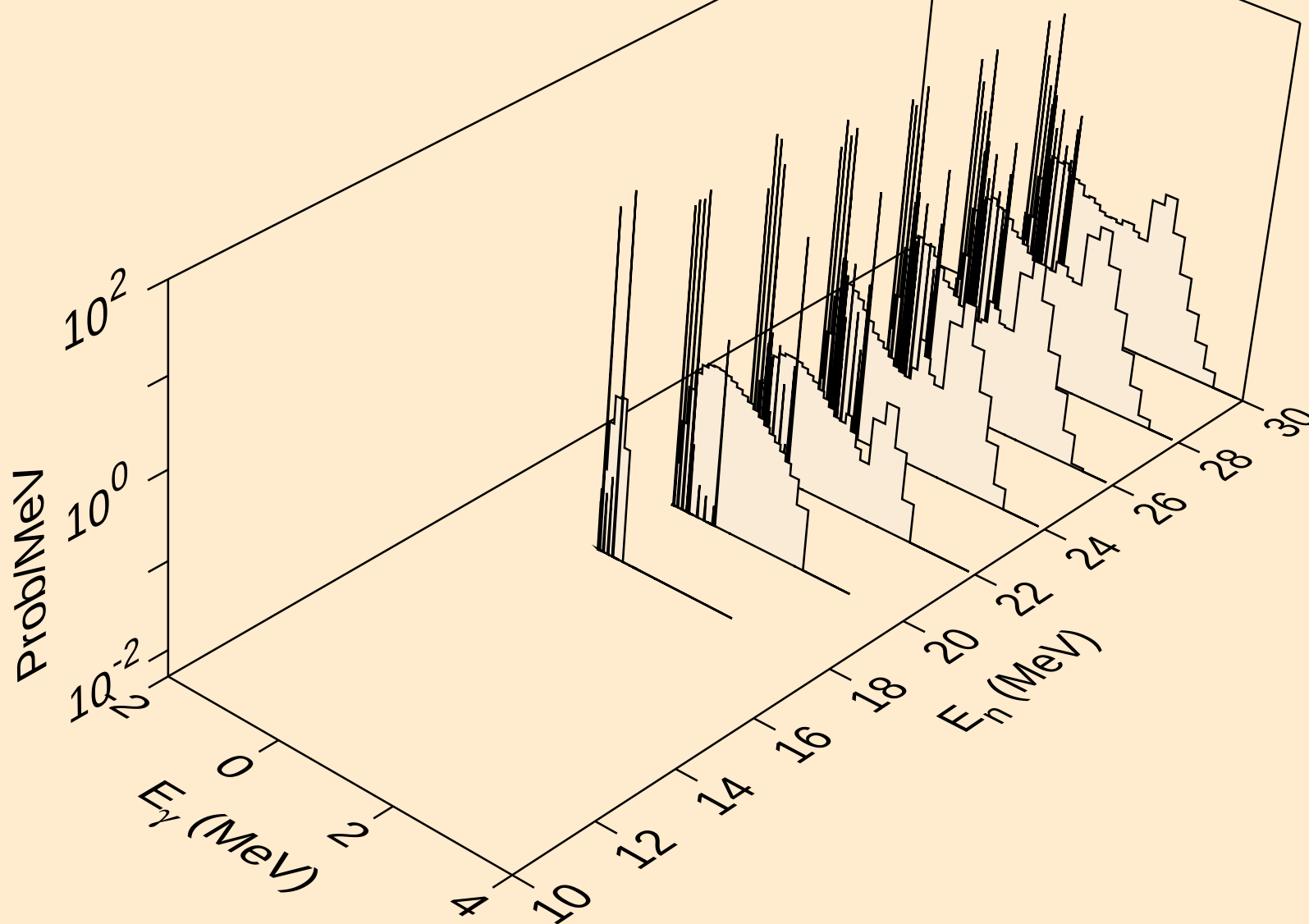


TL189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n)



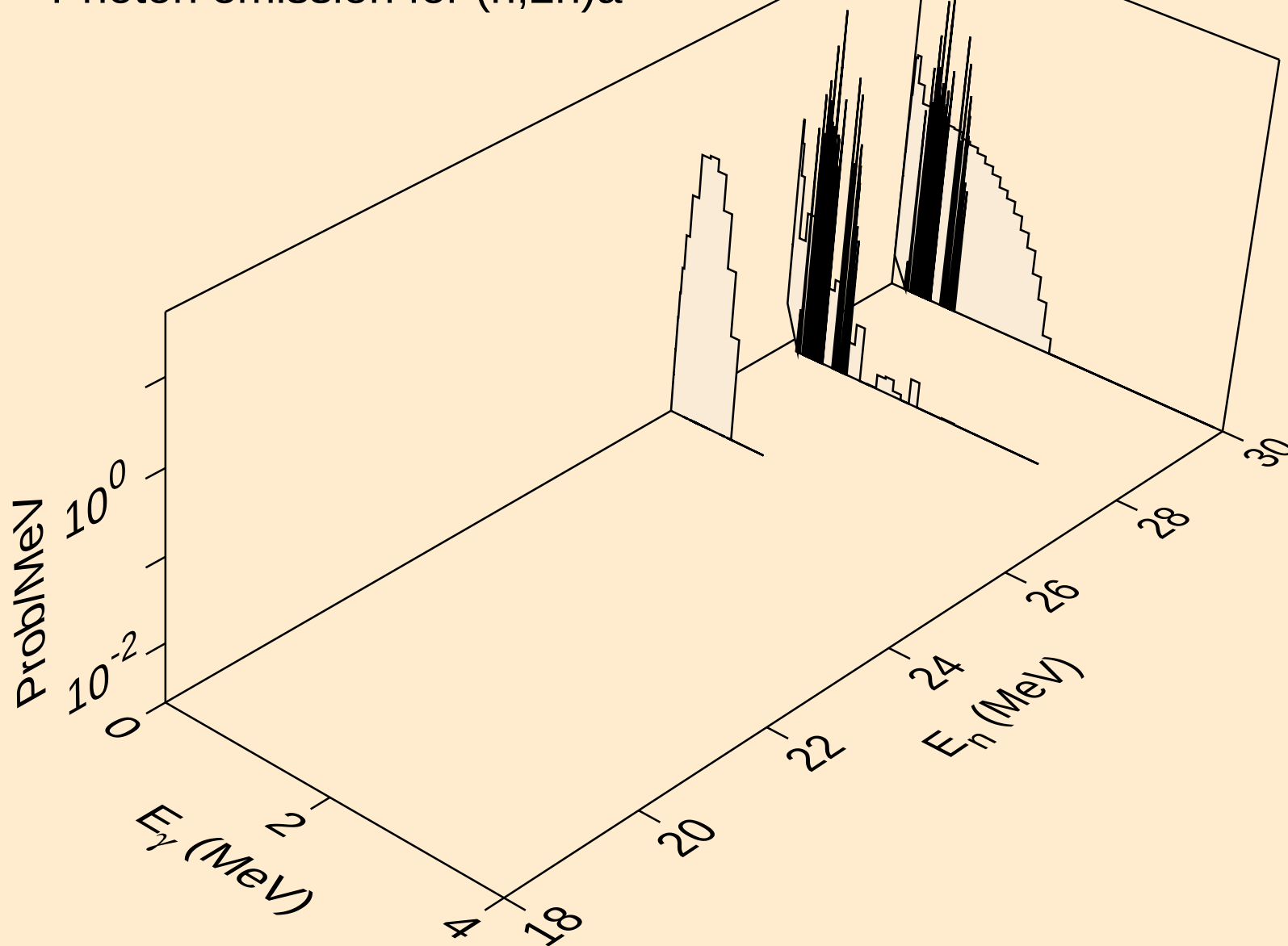
TL189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n*)a



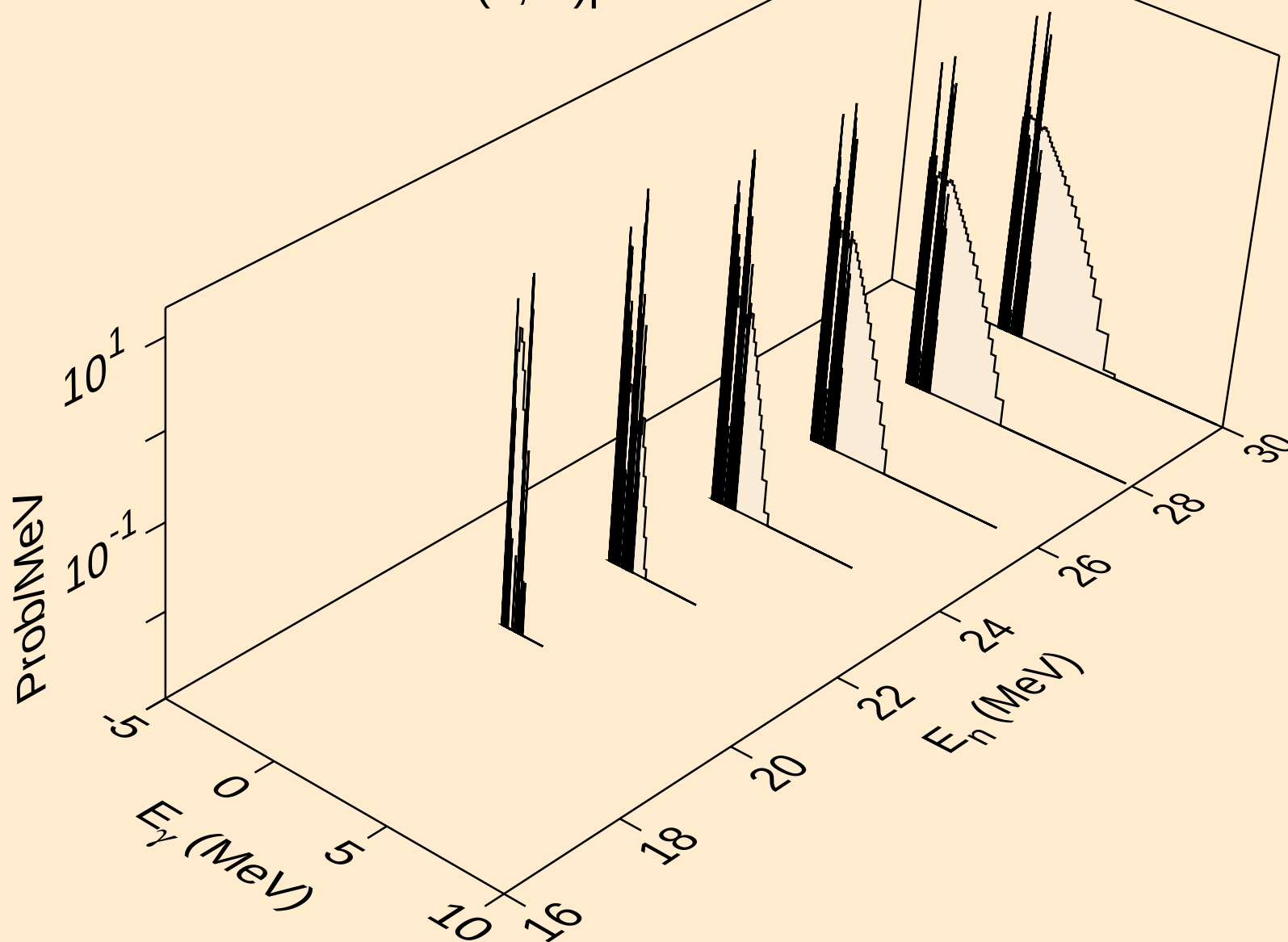
TL189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,2n) α



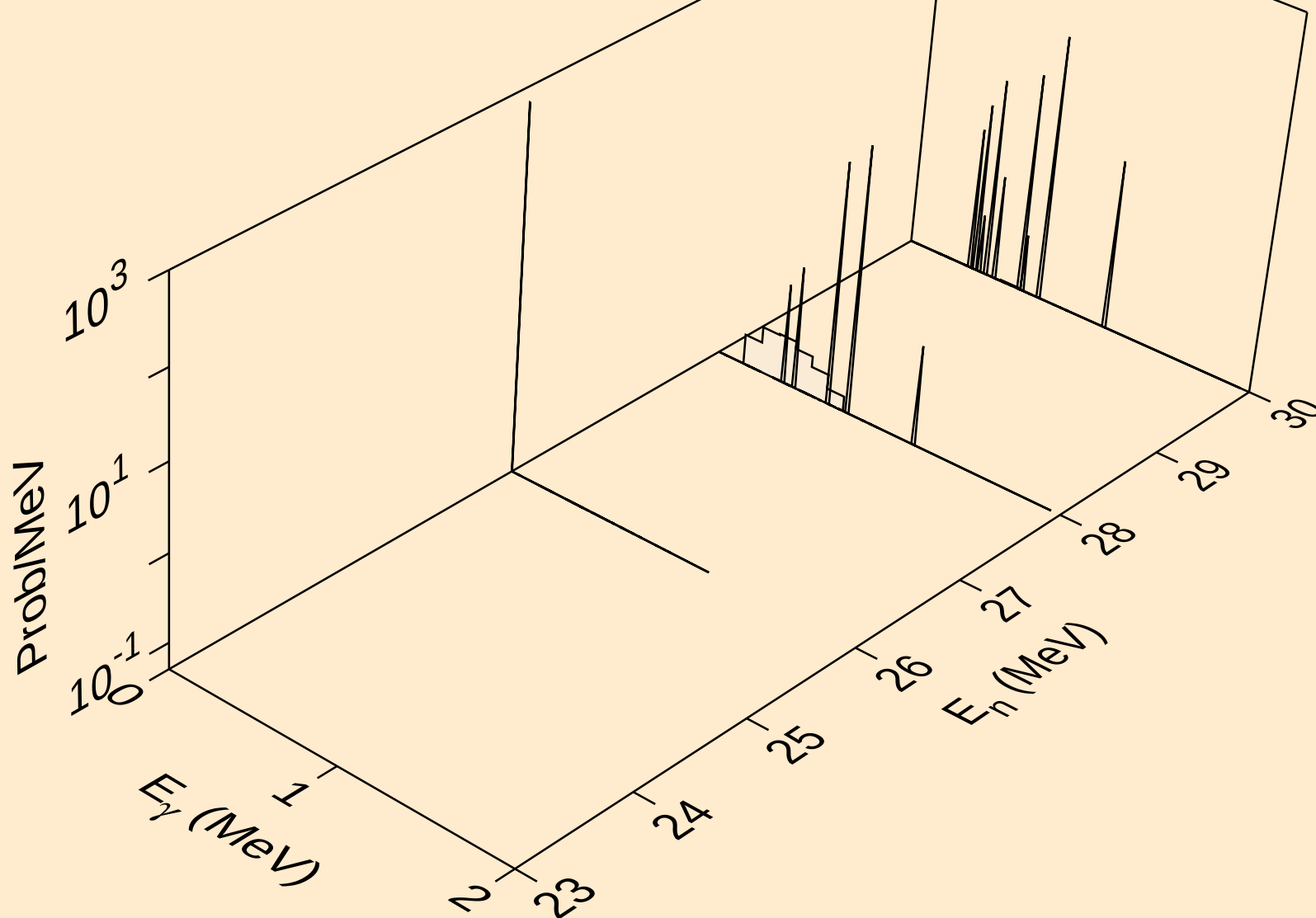
TL189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n*)p



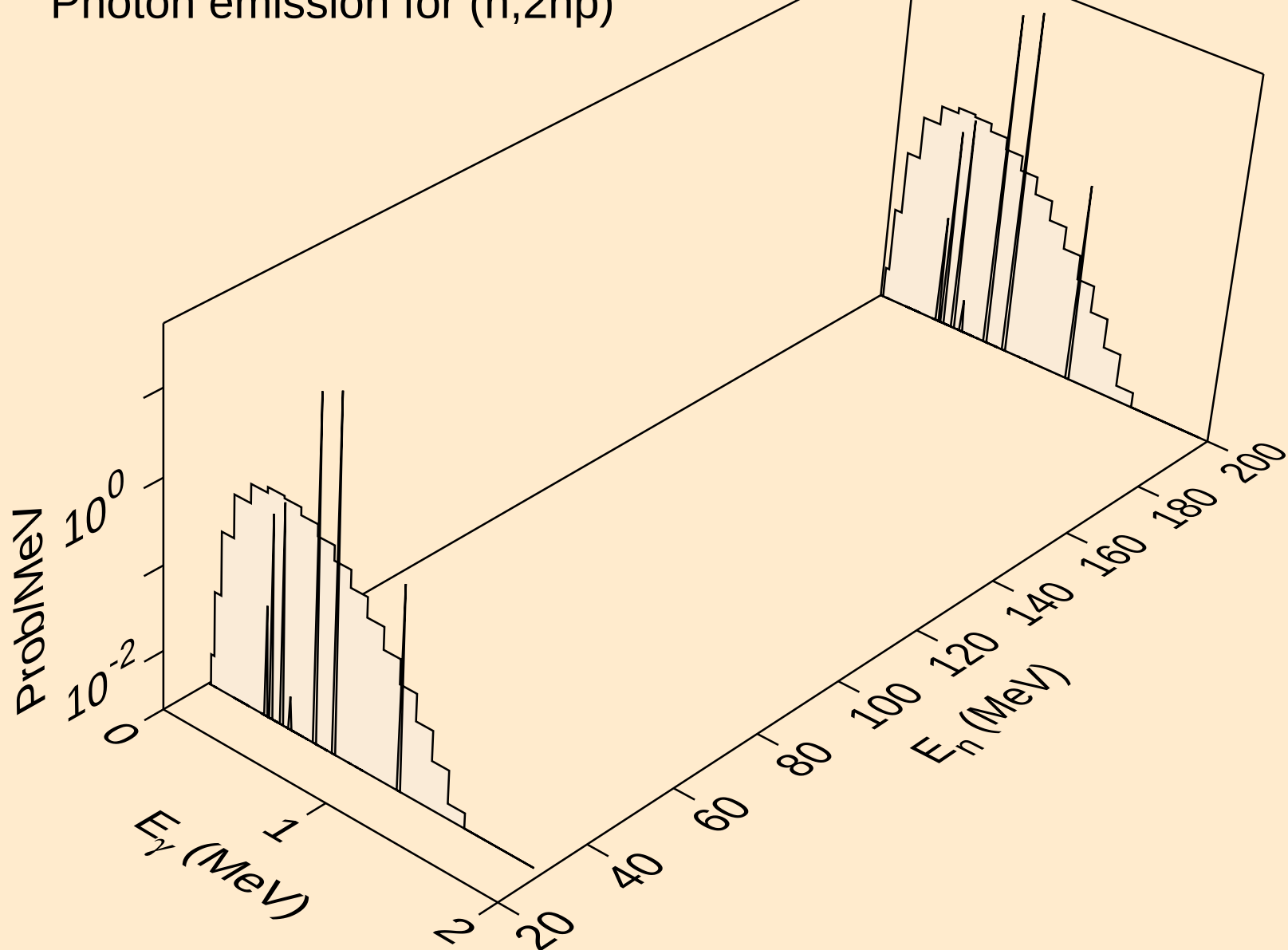
TL189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n*)d

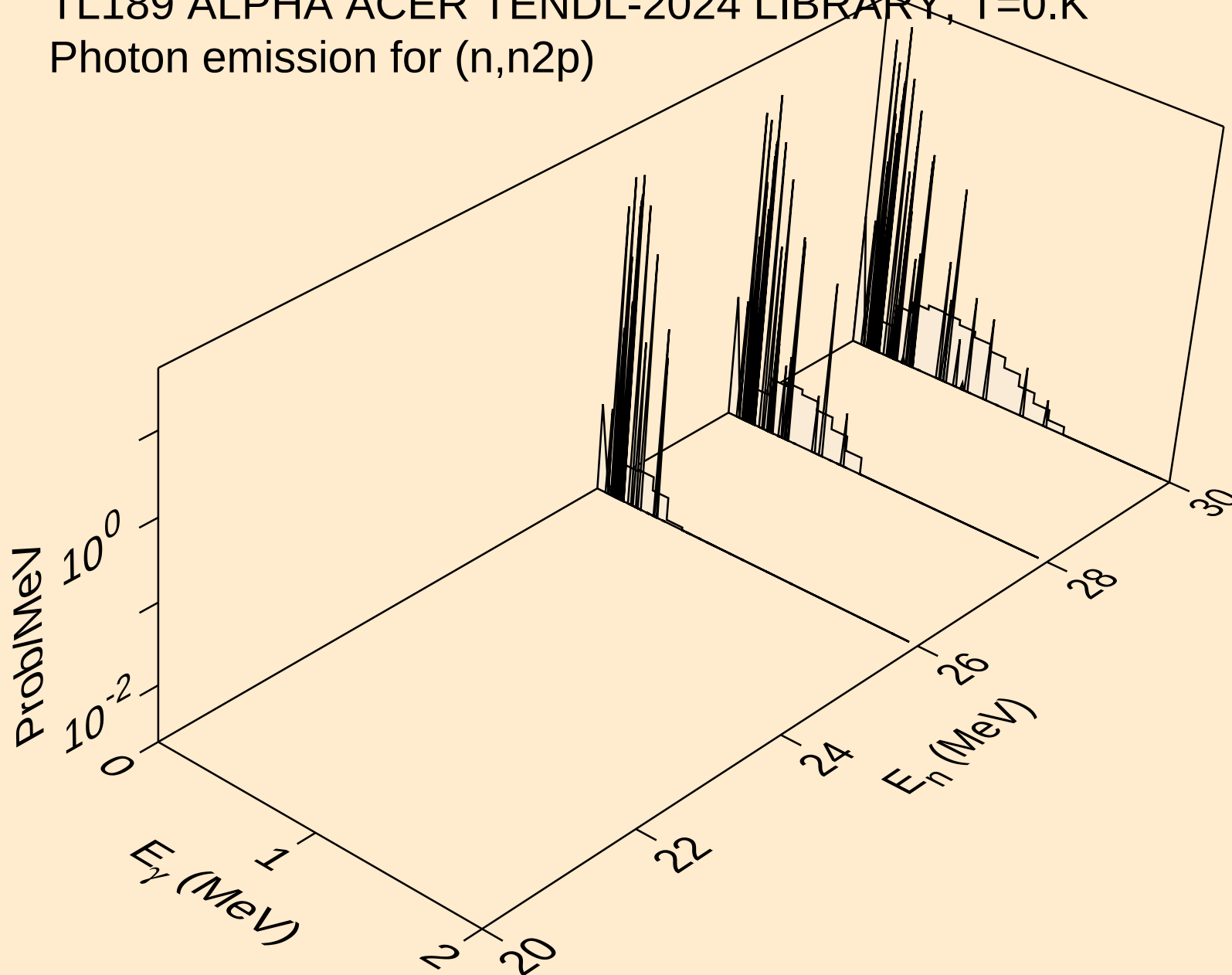


TL189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

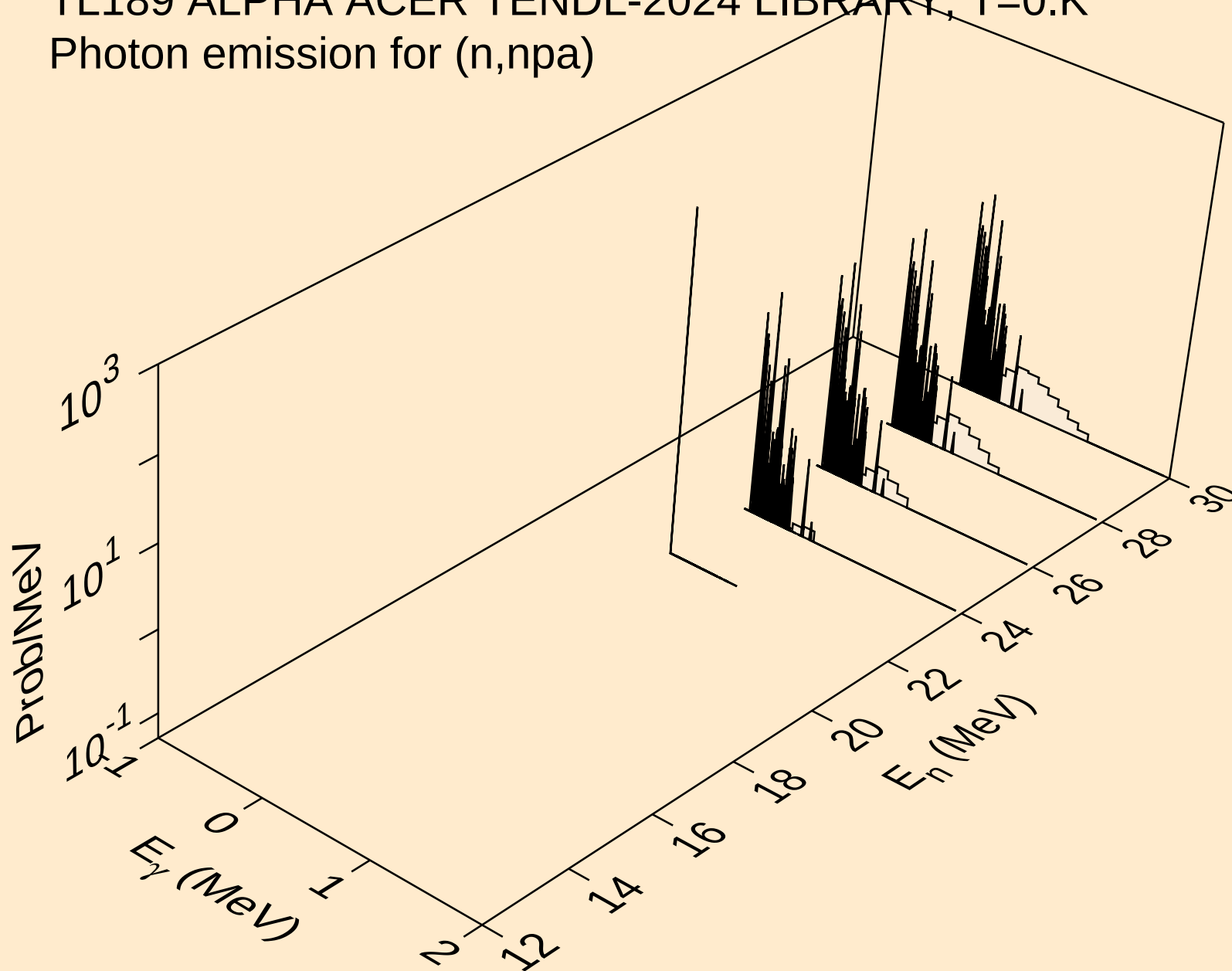
Photon emission for (n,2np)



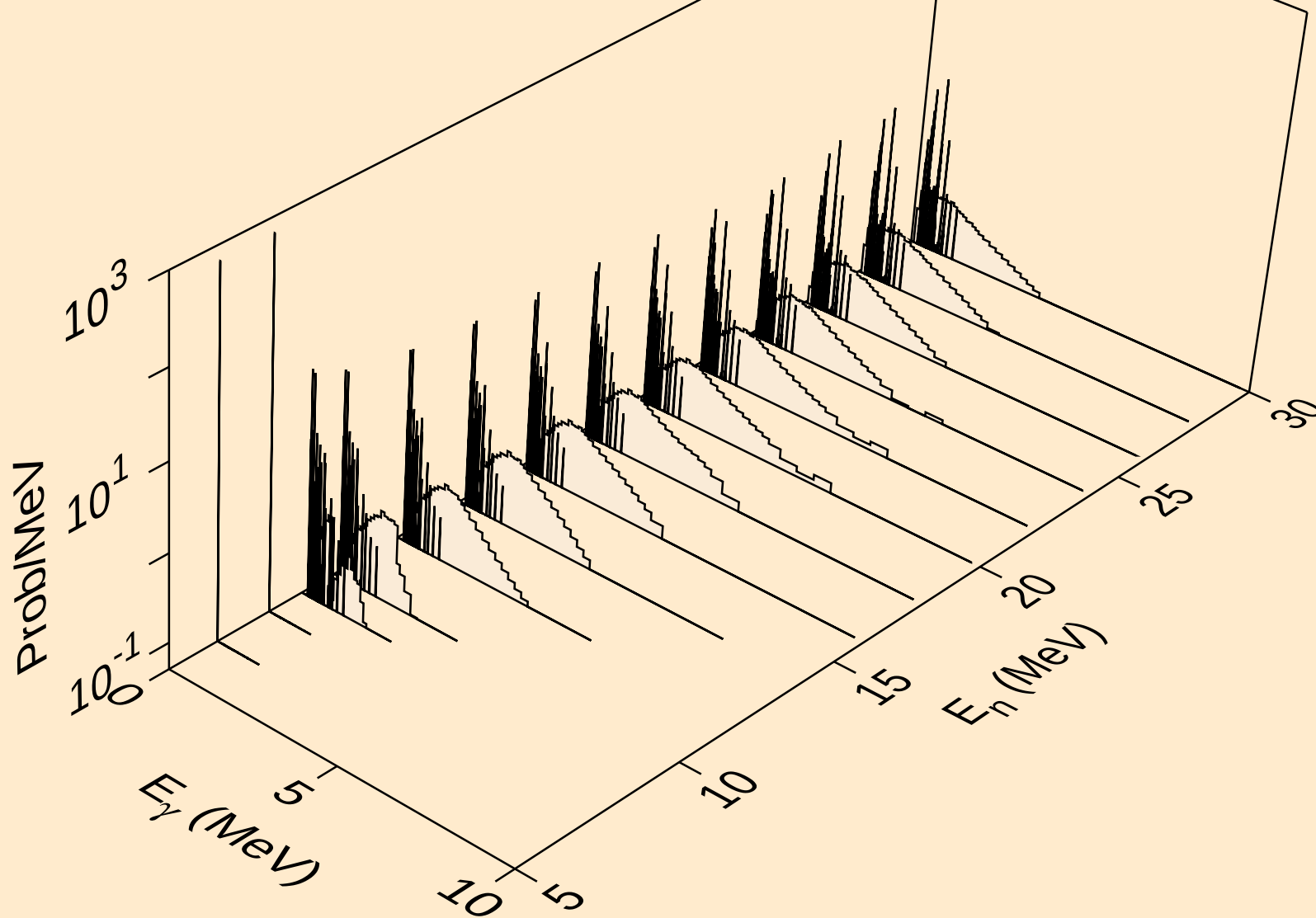
TL189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n2p)



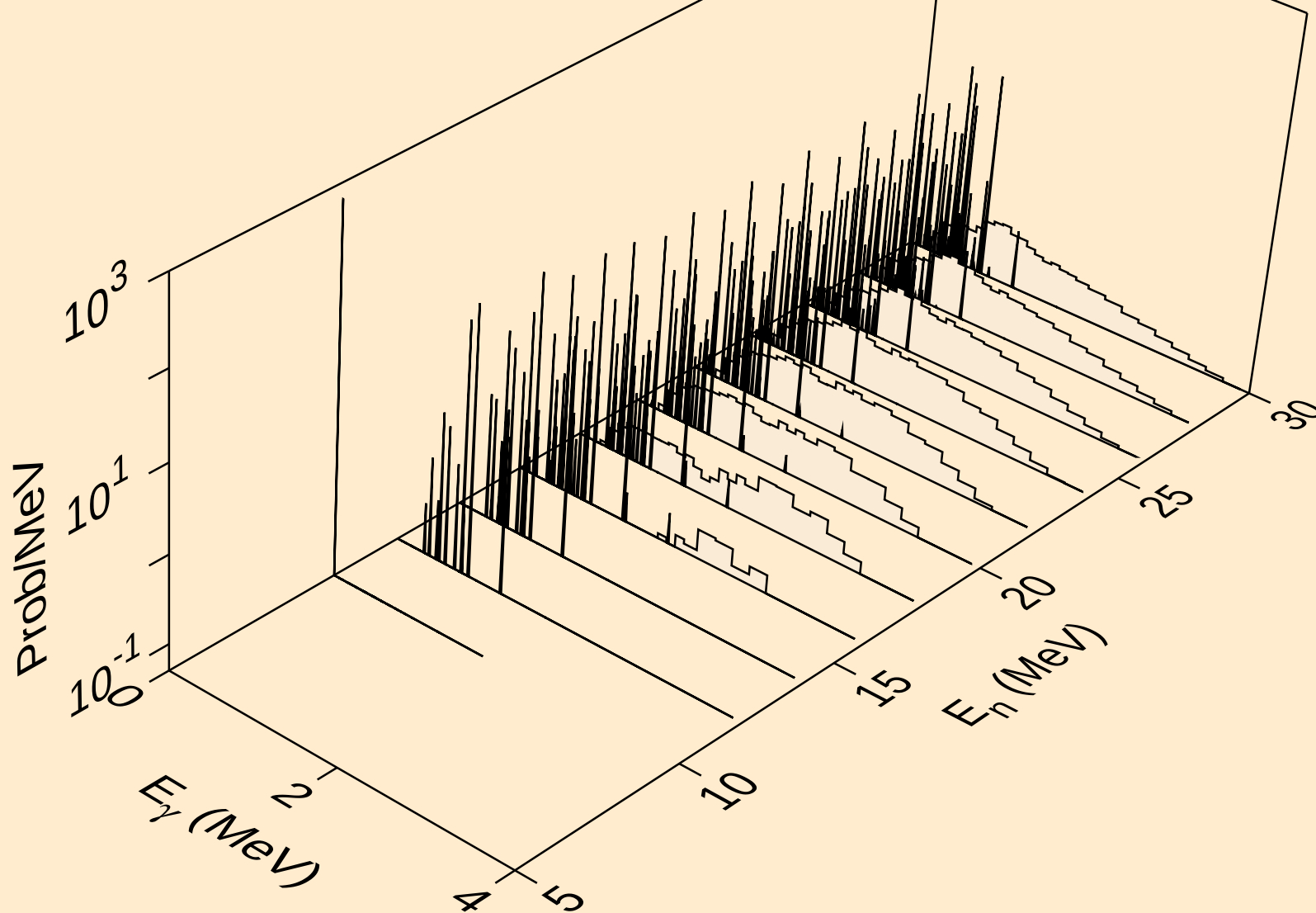
TL189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,npa)



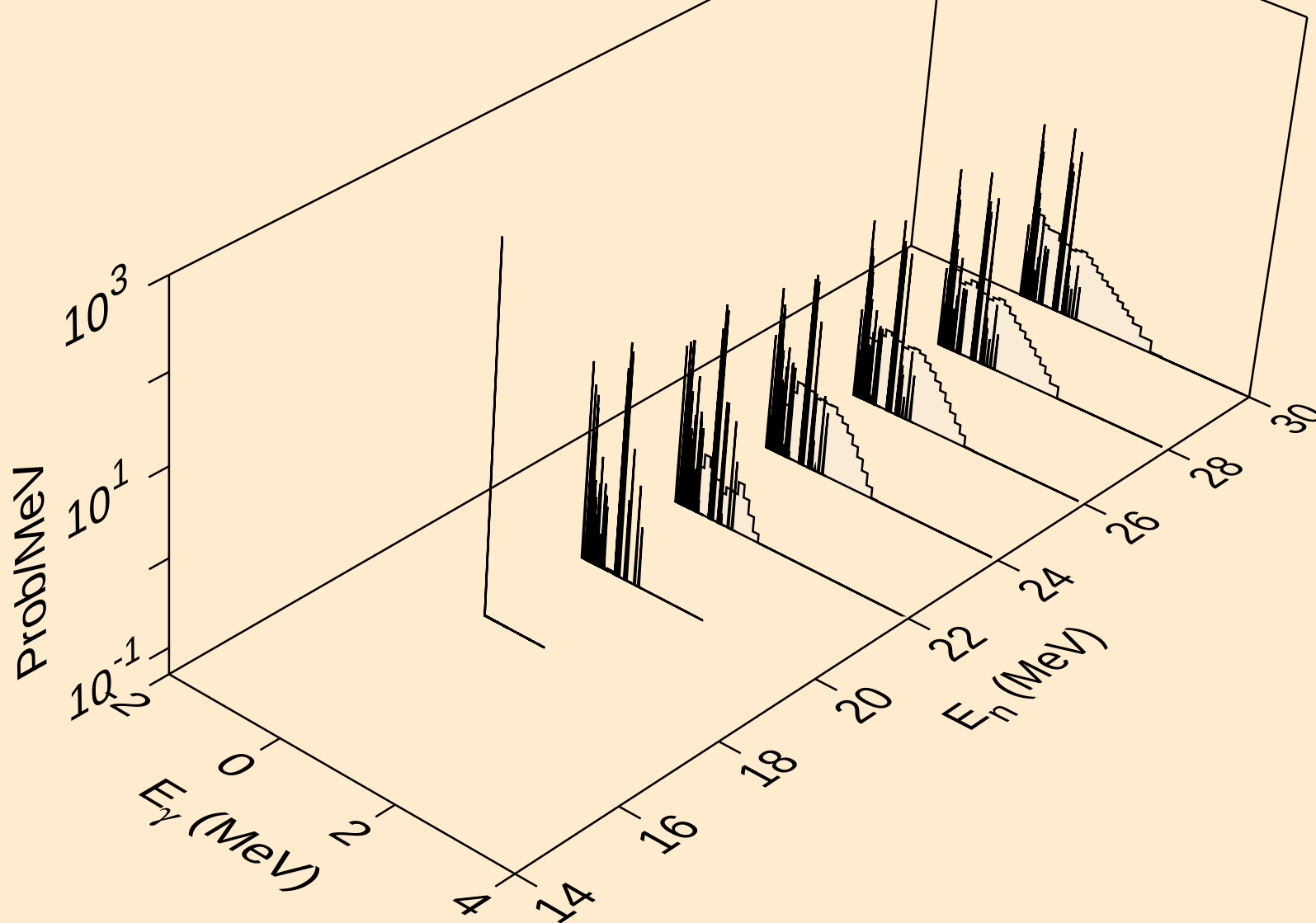
TL189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,gma)



TL189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,p)

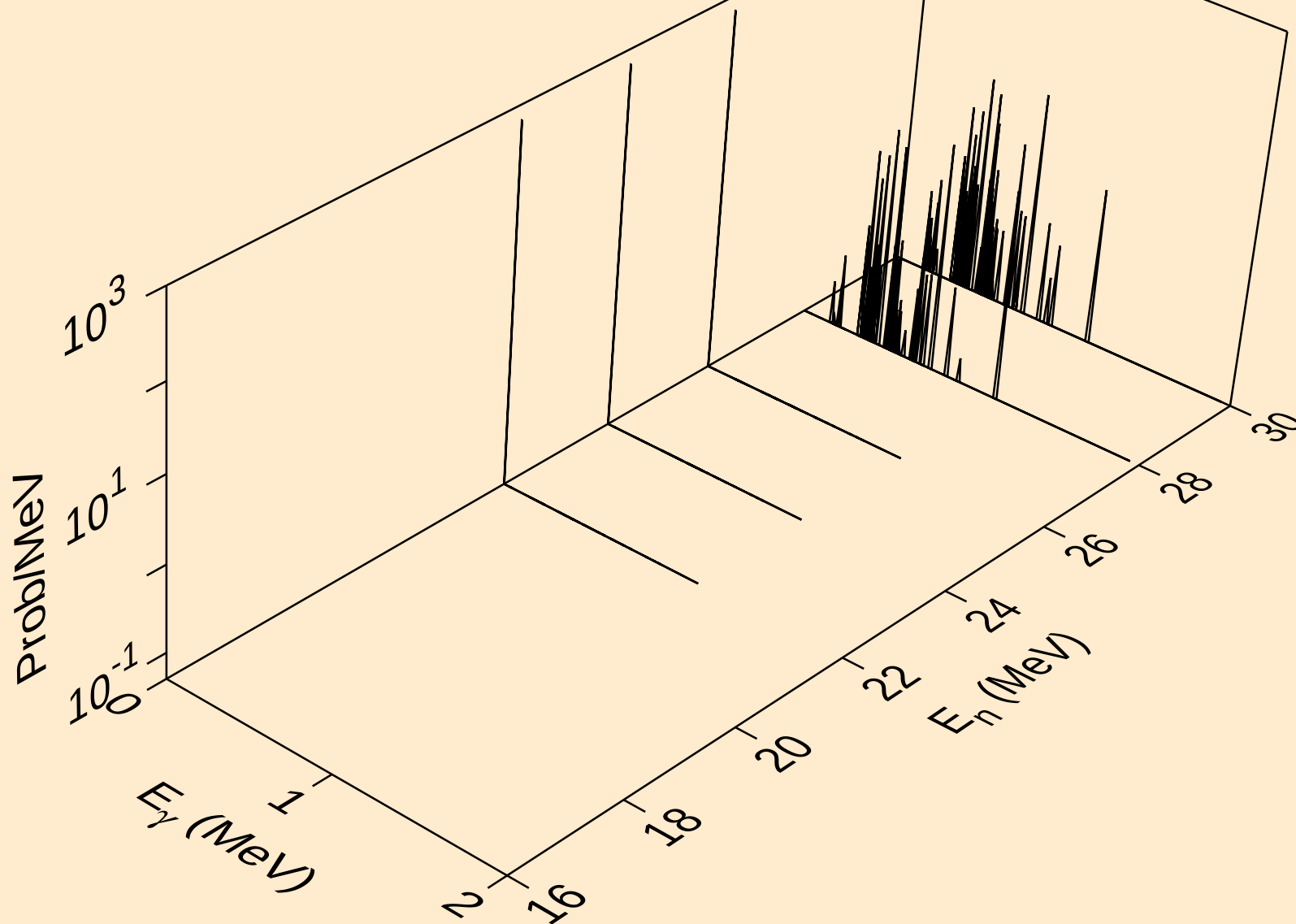


TL189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,d)

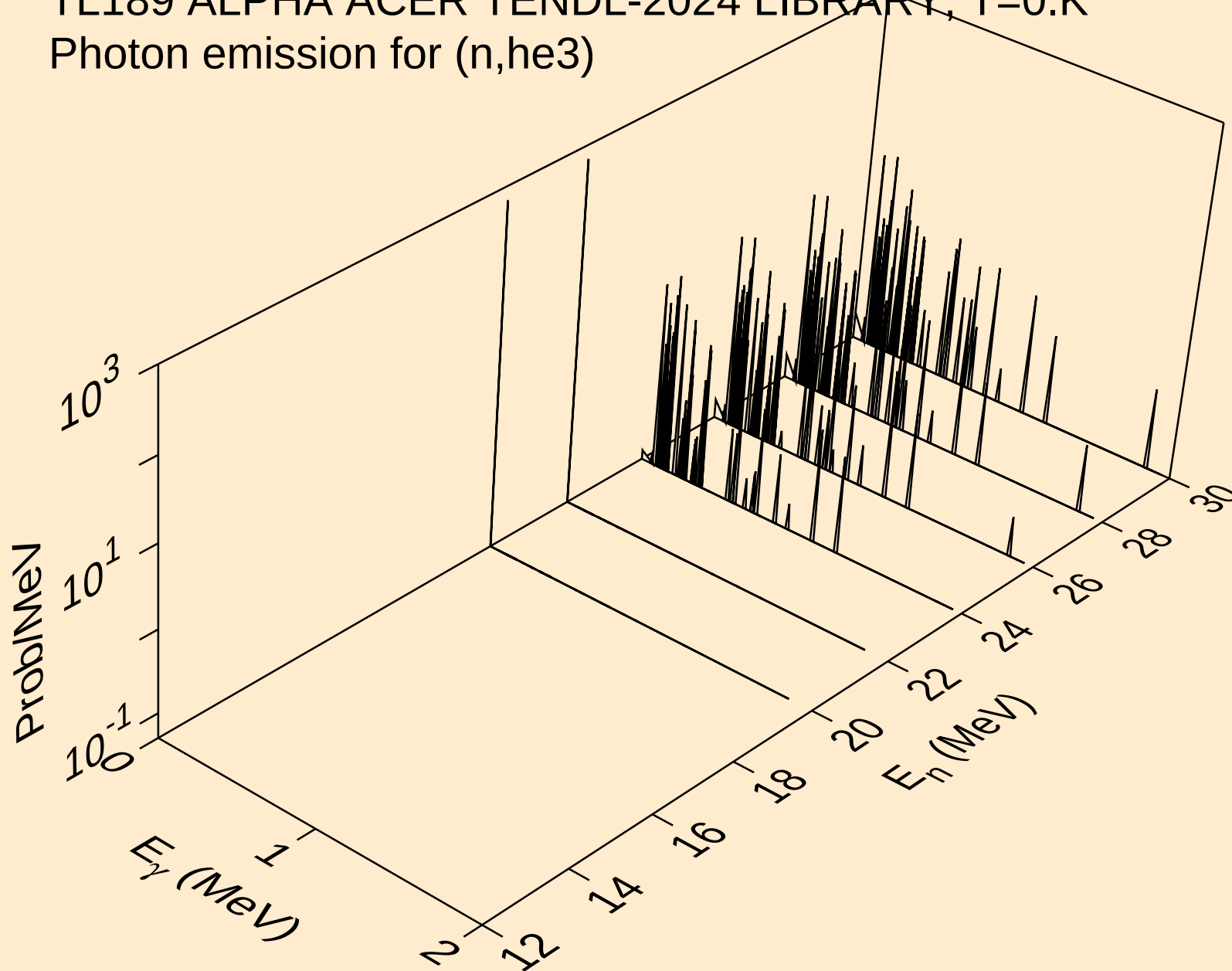


TL189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

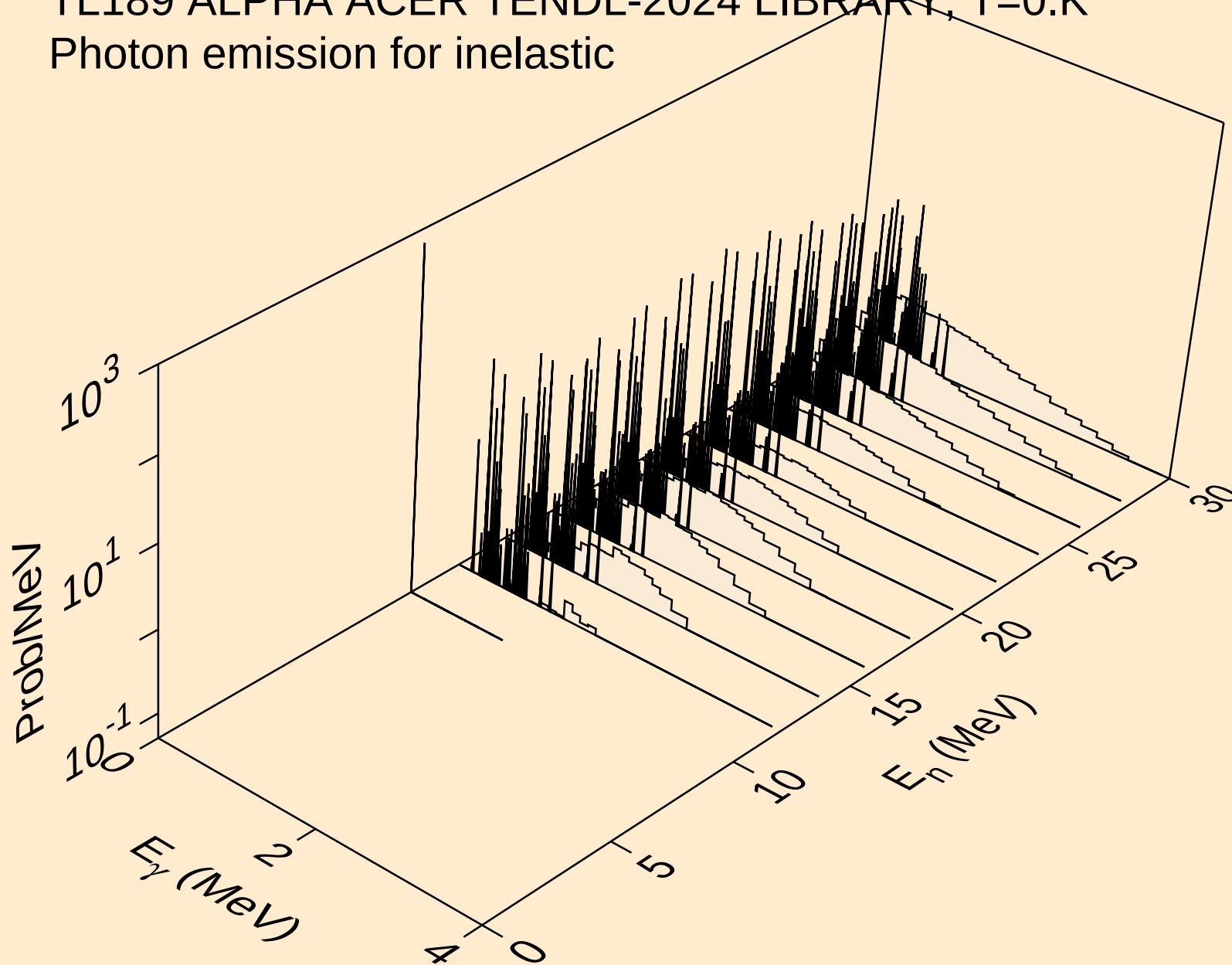
Photon emission for (n,t)



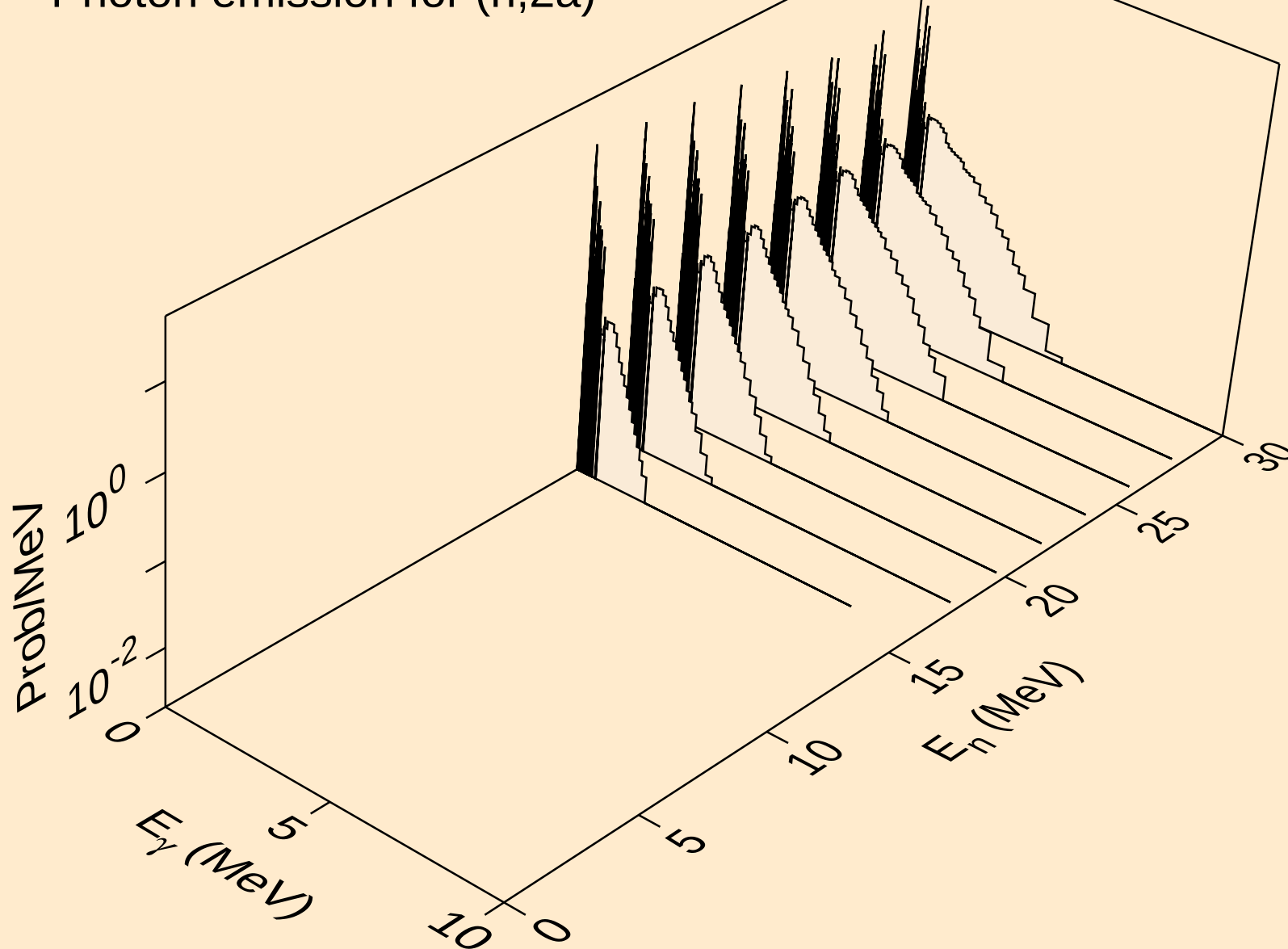
TL189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,he3)



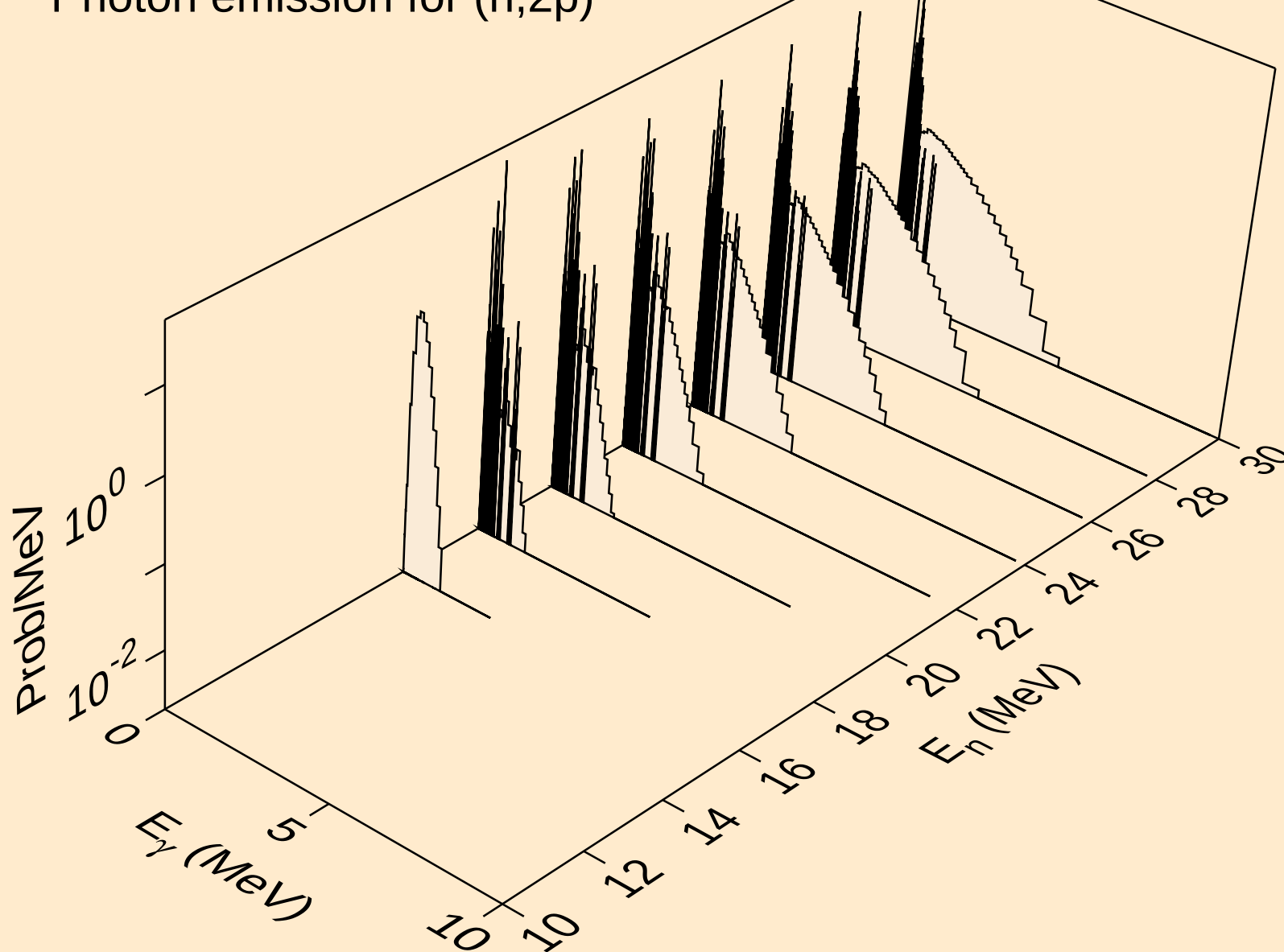
TL189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for inelastic



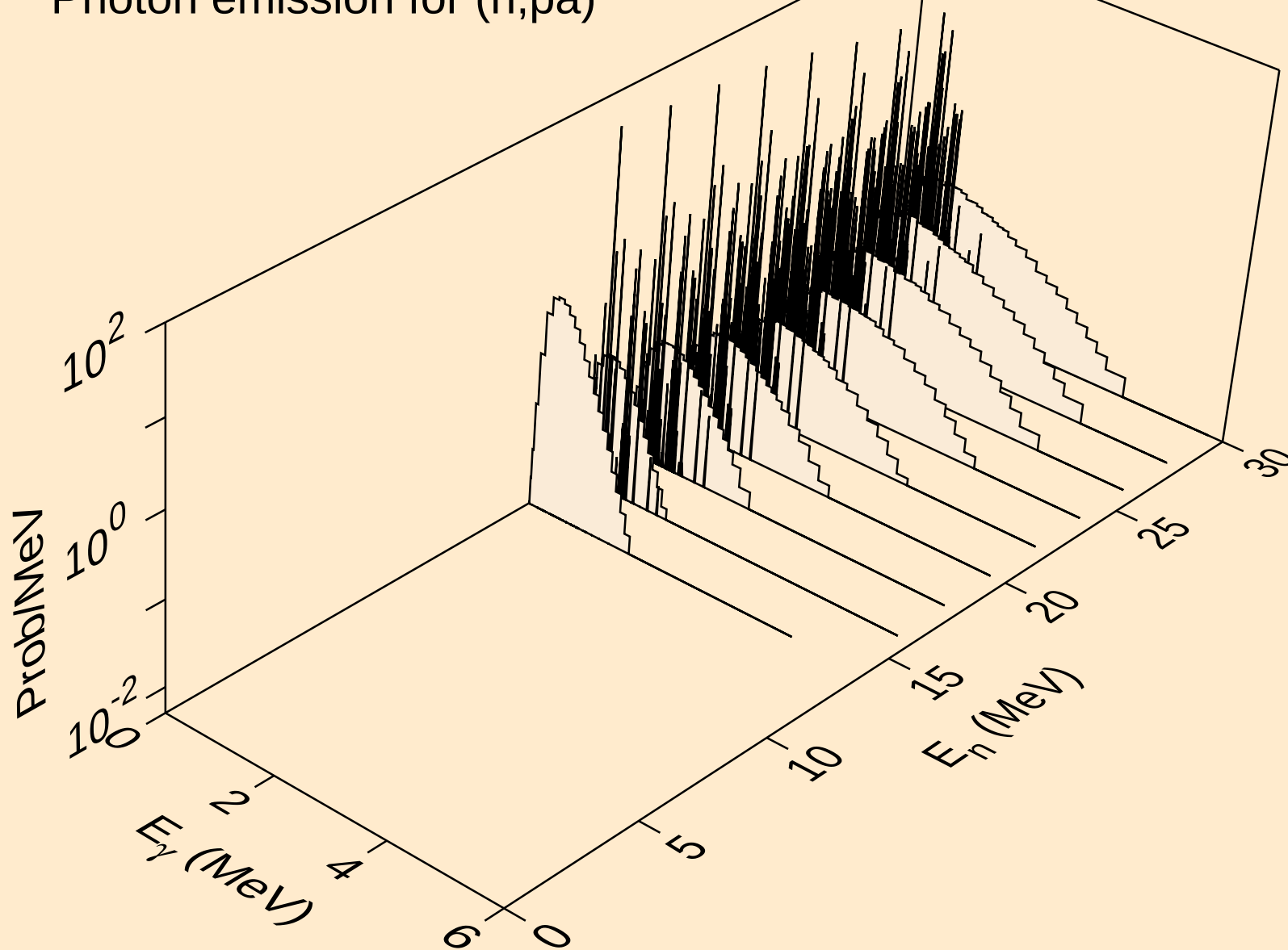
TL189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2a)



TL189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2p)

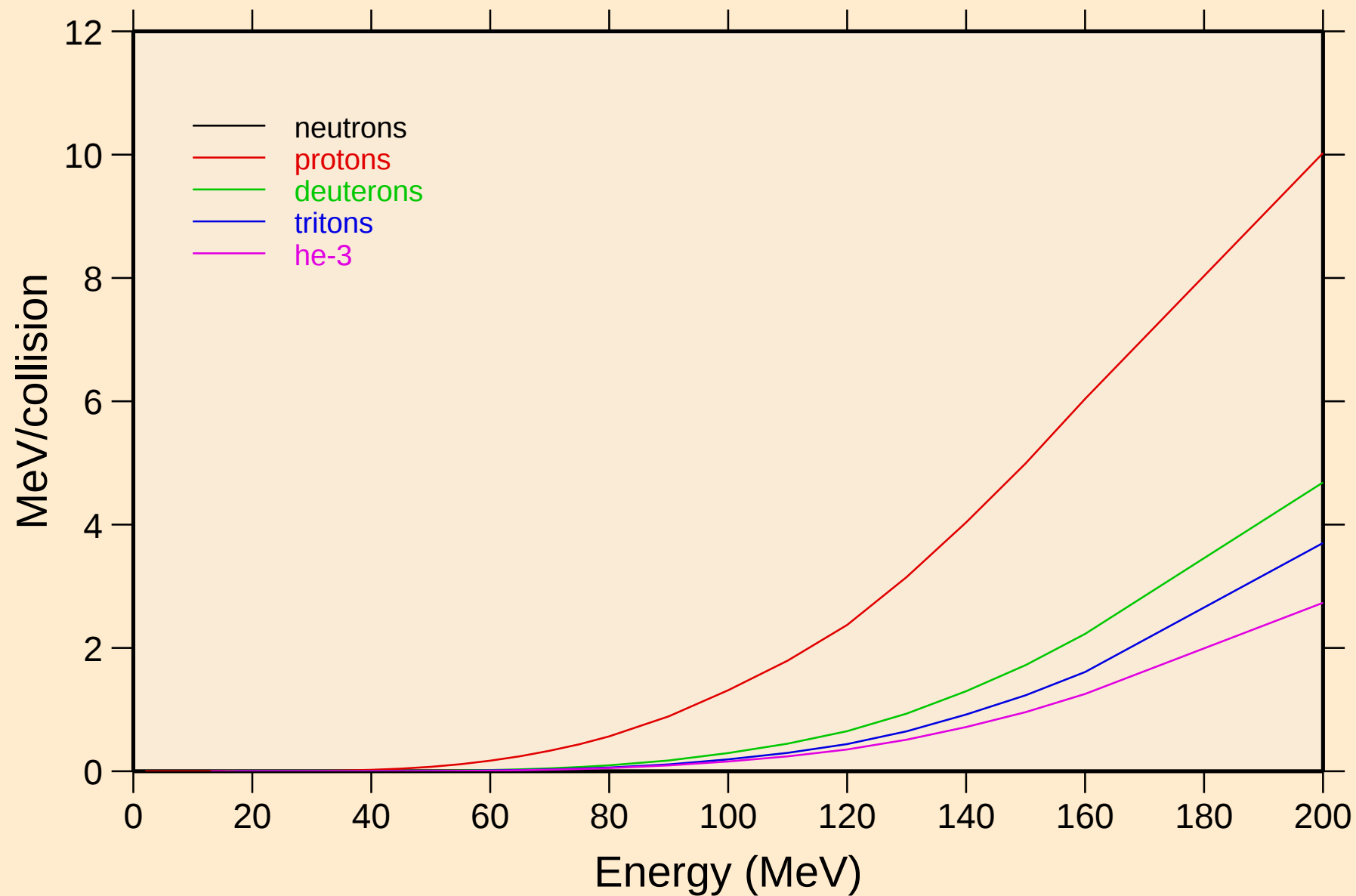


TL189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pa)



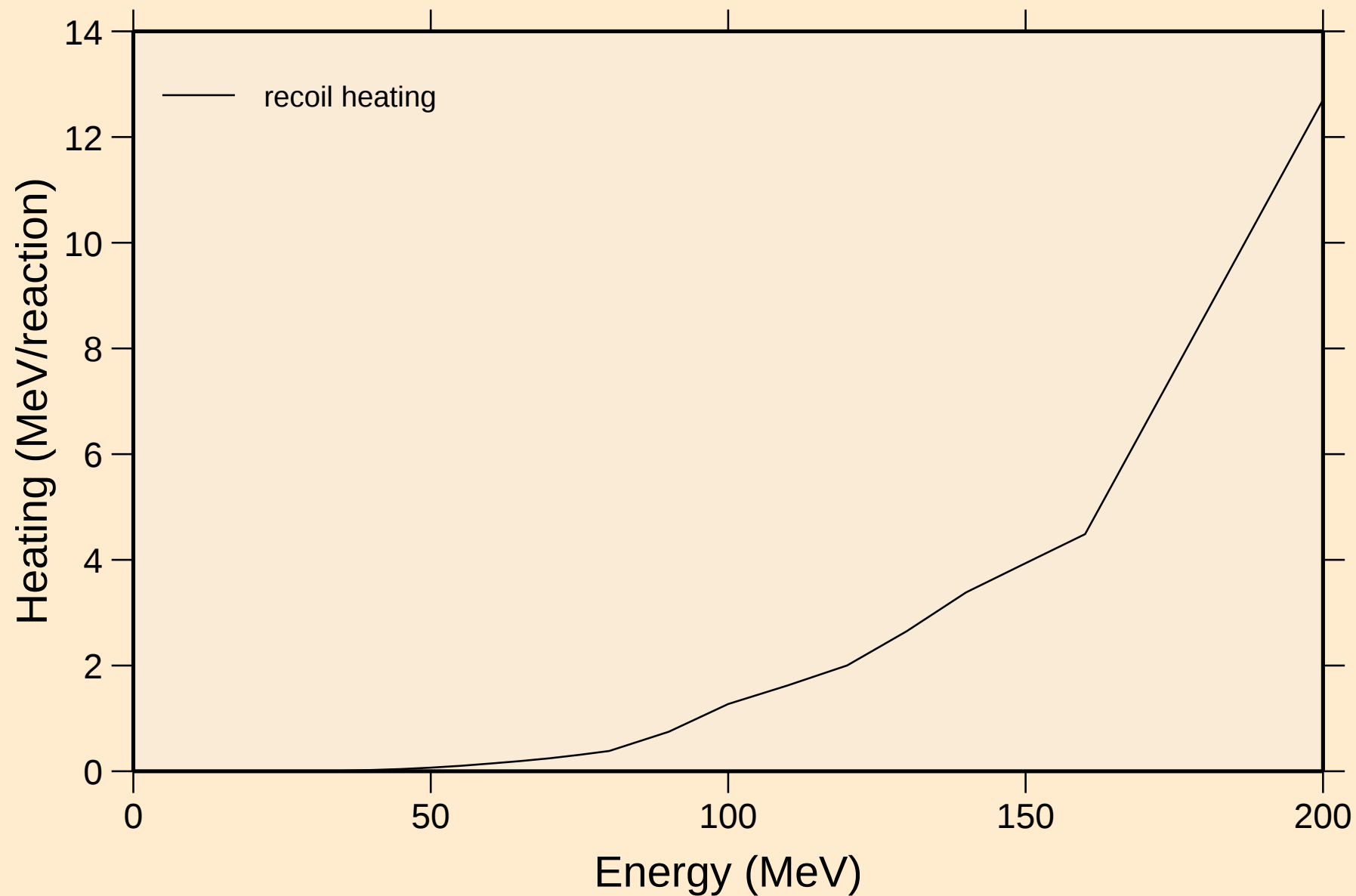
TL189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Particle heating contributions



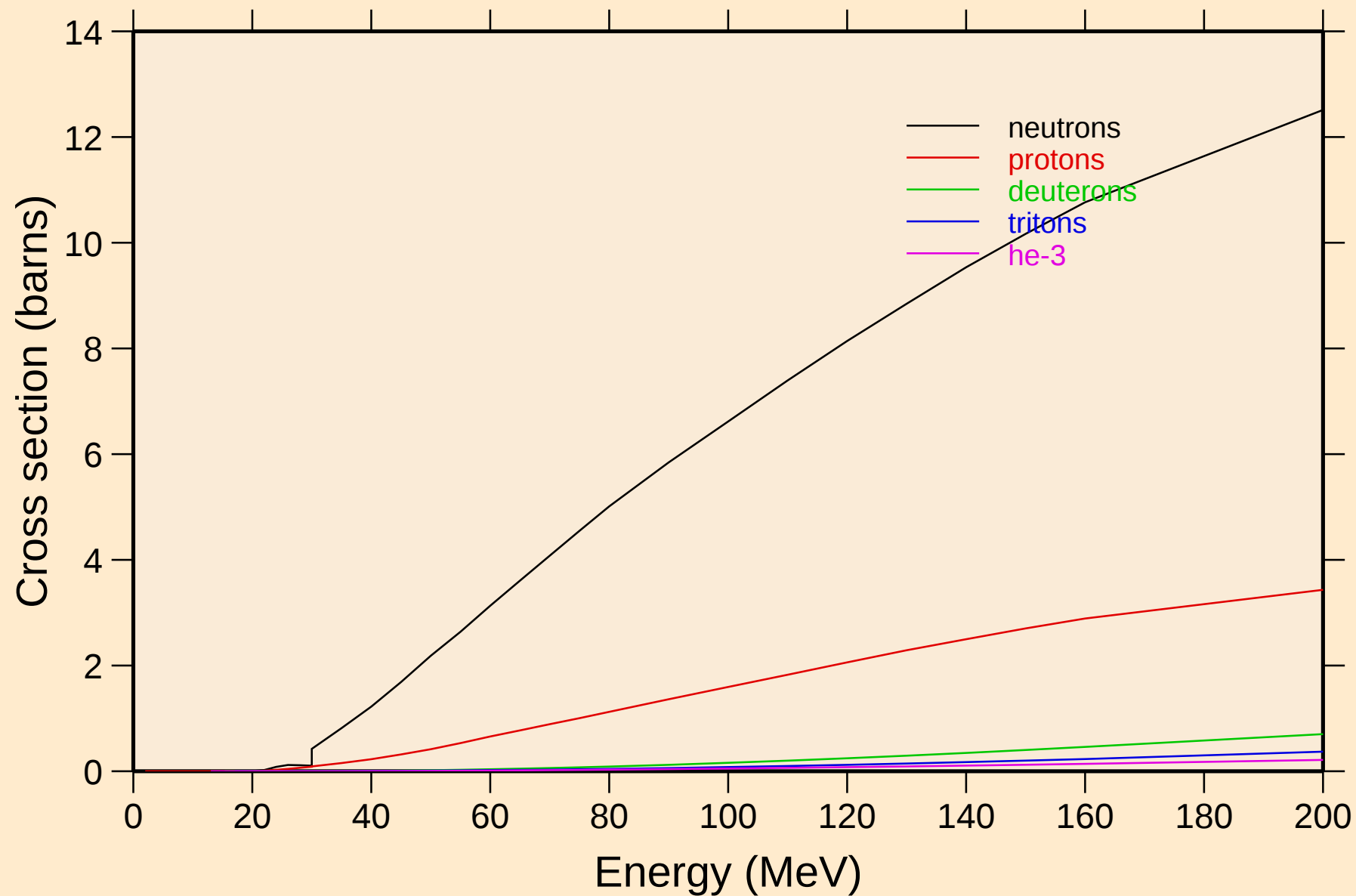
TL189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Recoil Heating

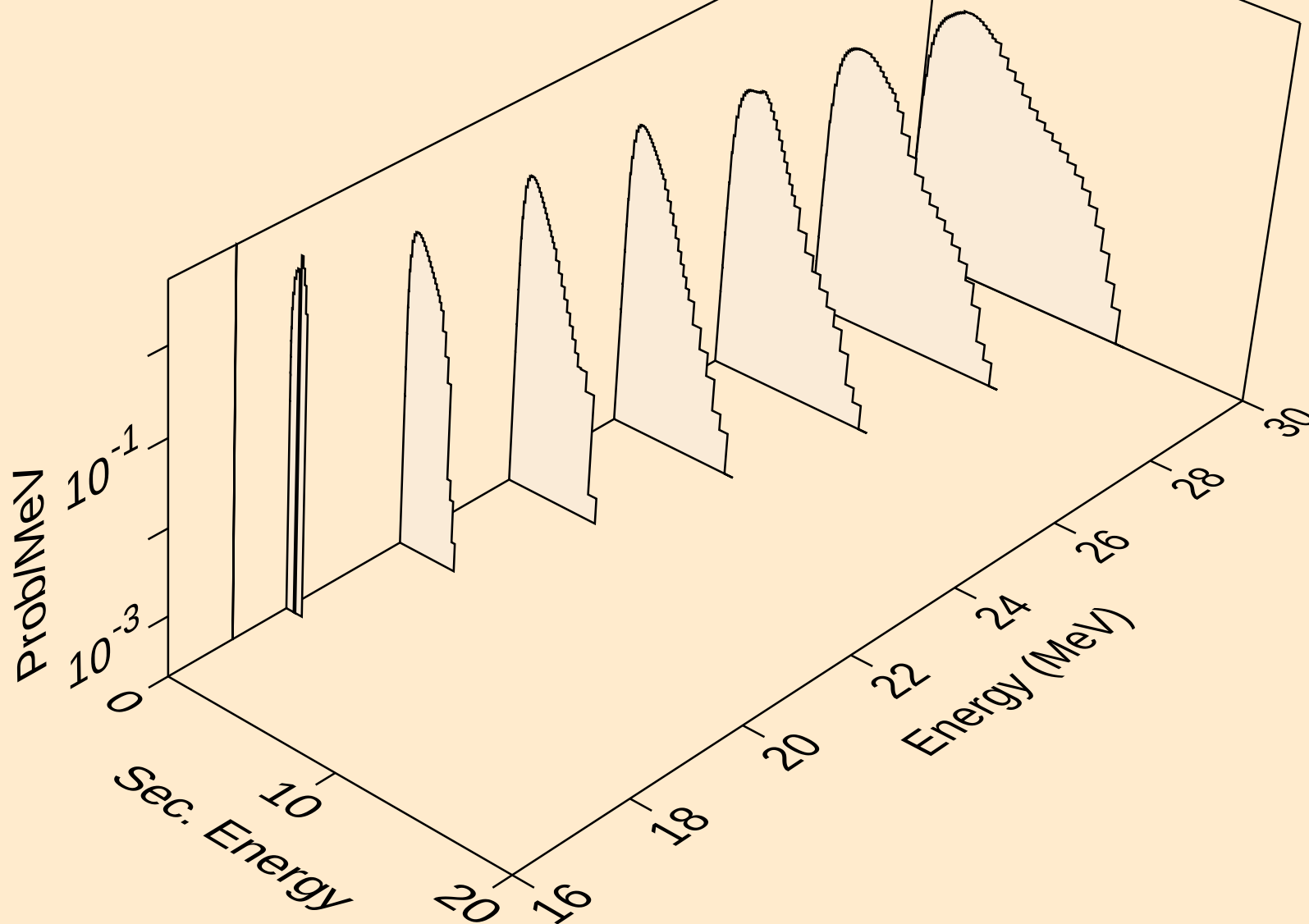


TL189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

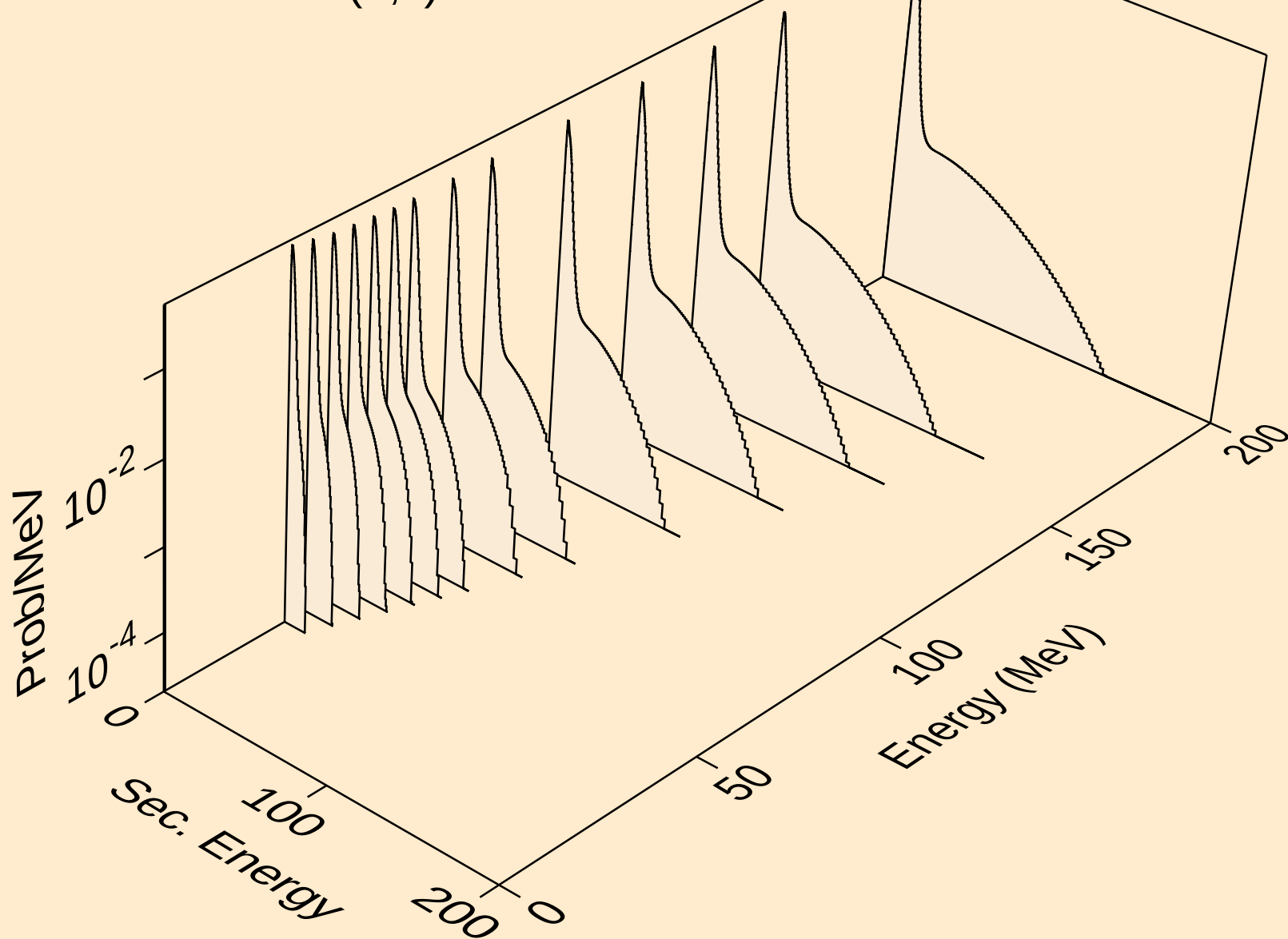
Particle production cross sections



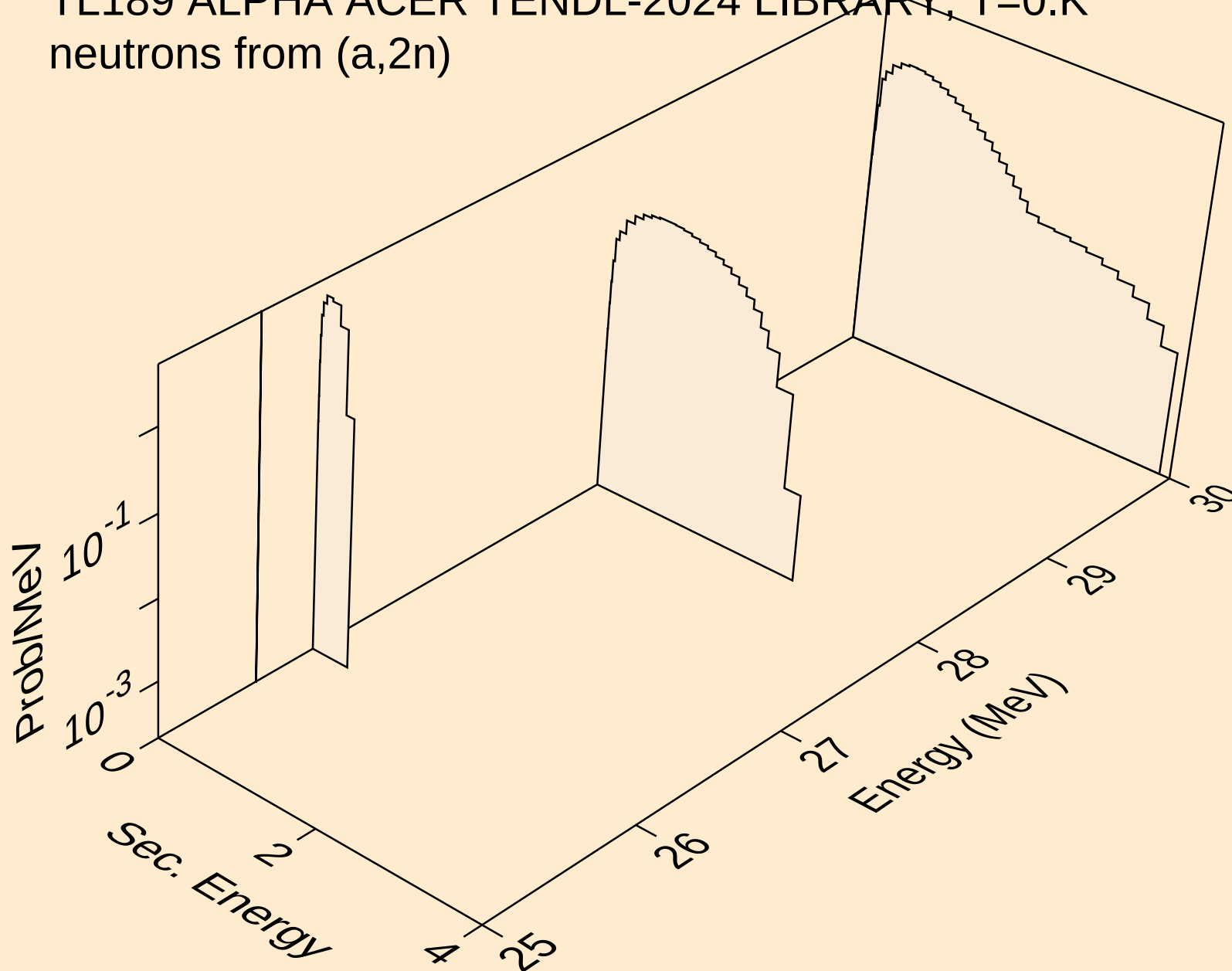
TL189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,n)



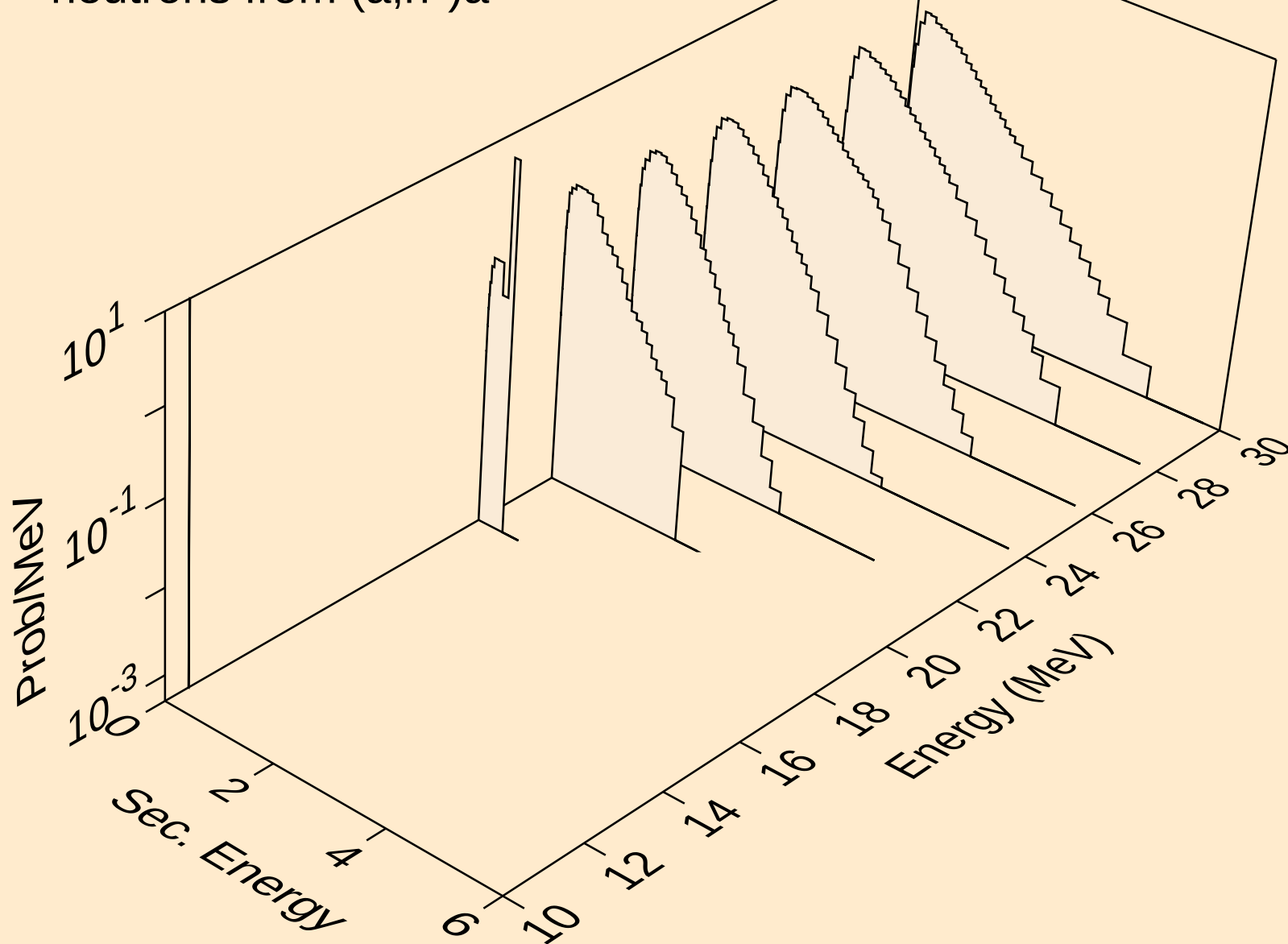
TL189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,x)



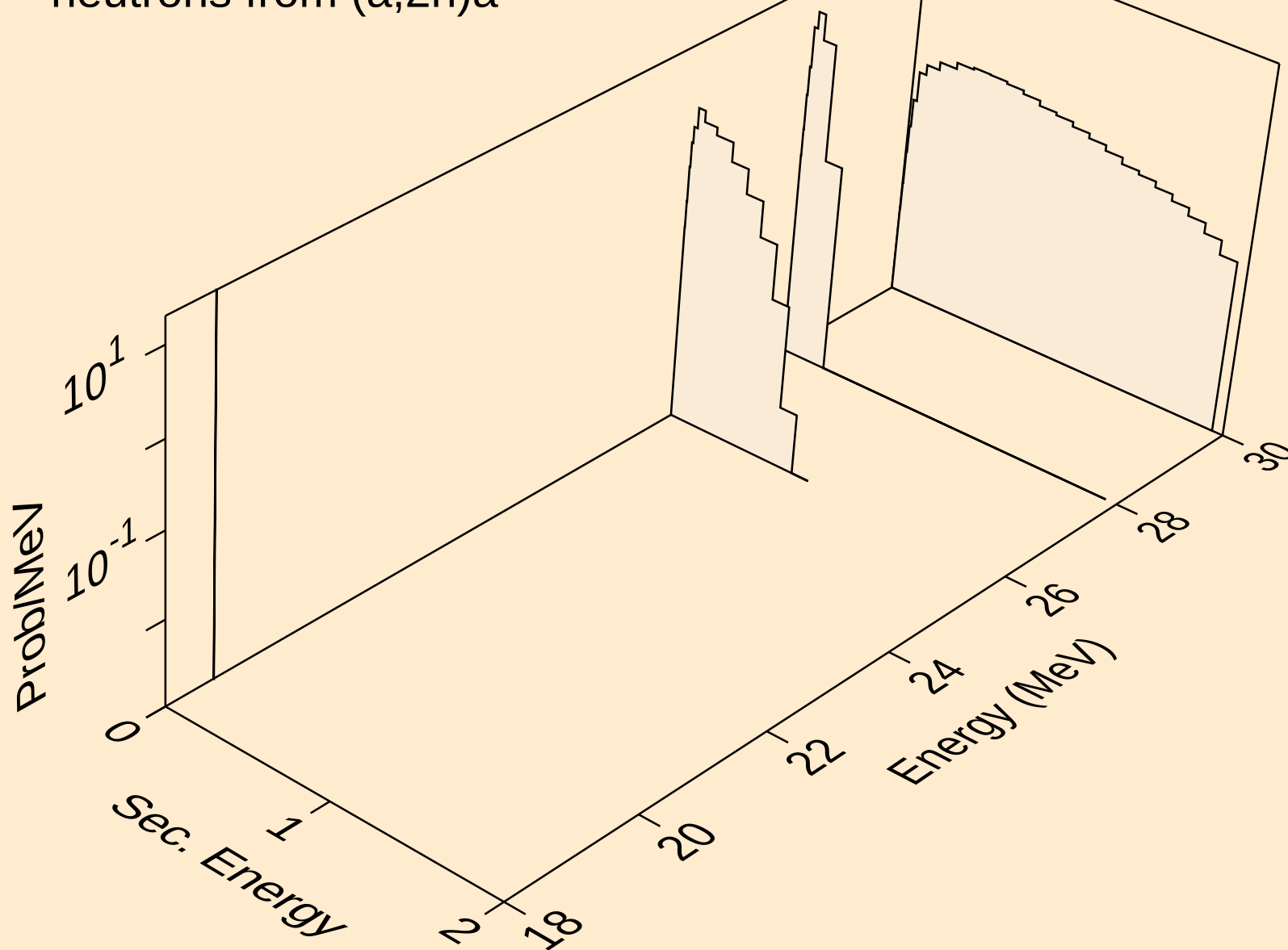
TL189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,2n)



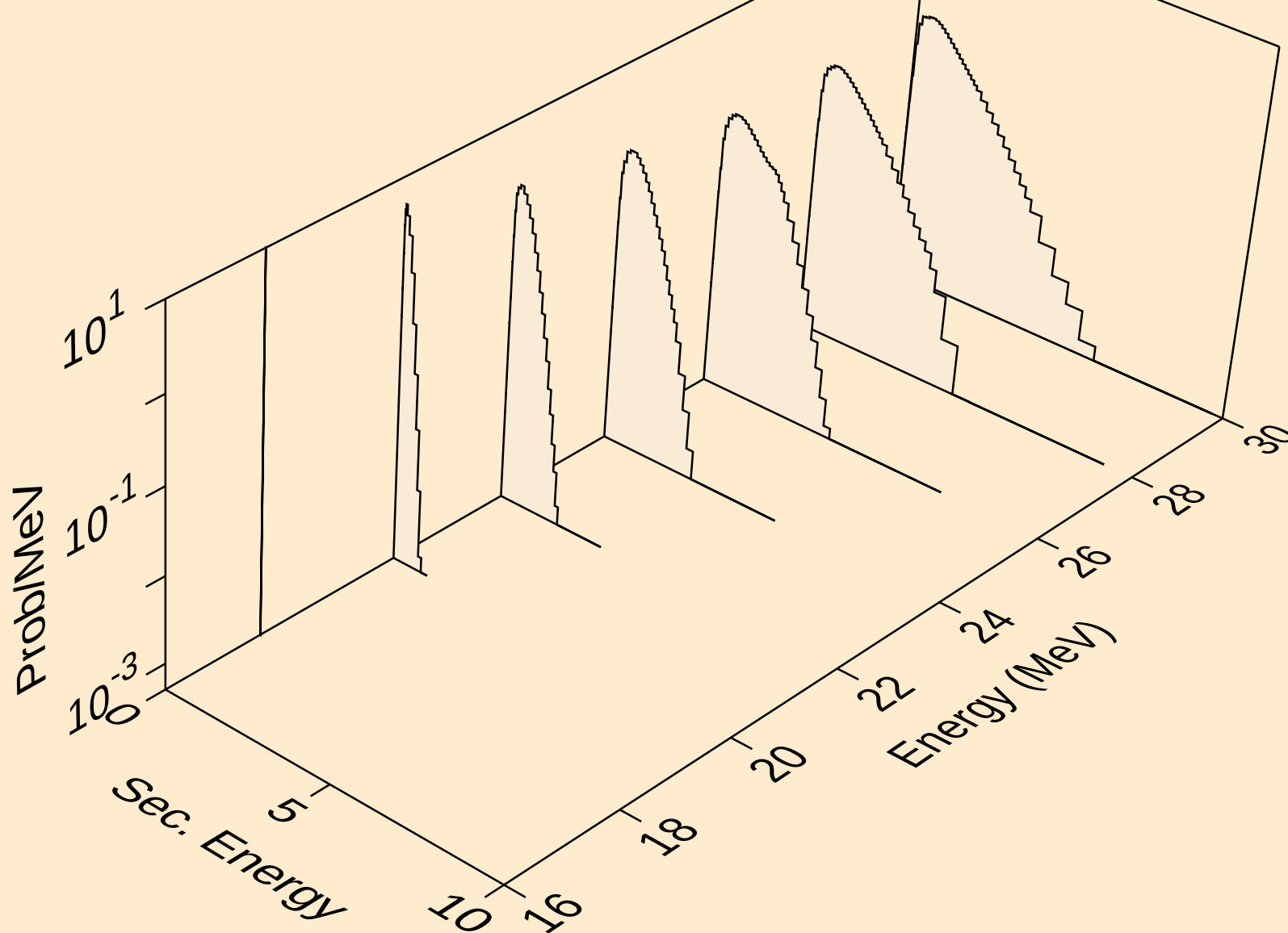
TL189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,n*)a



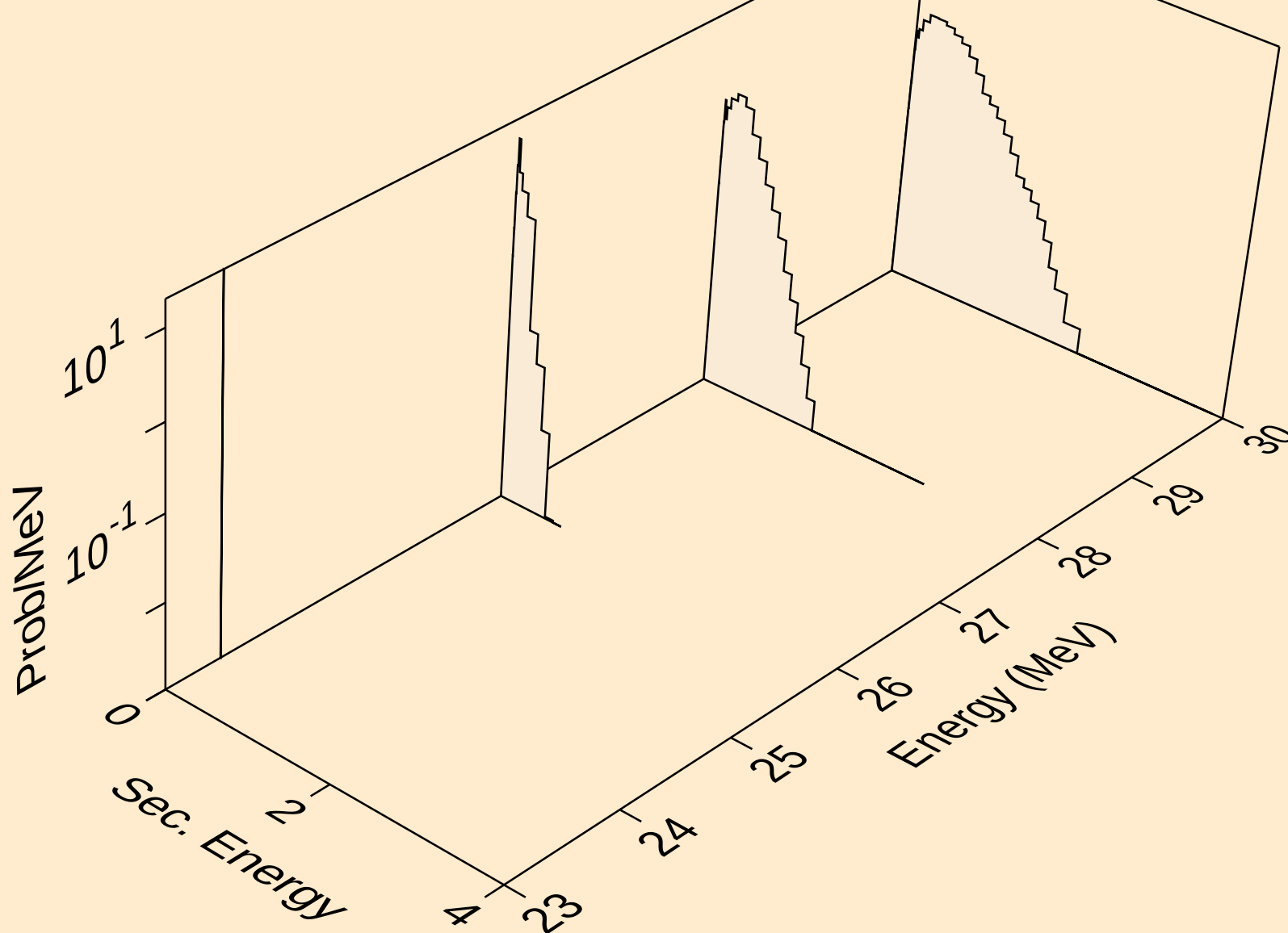
TL189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,2n)a



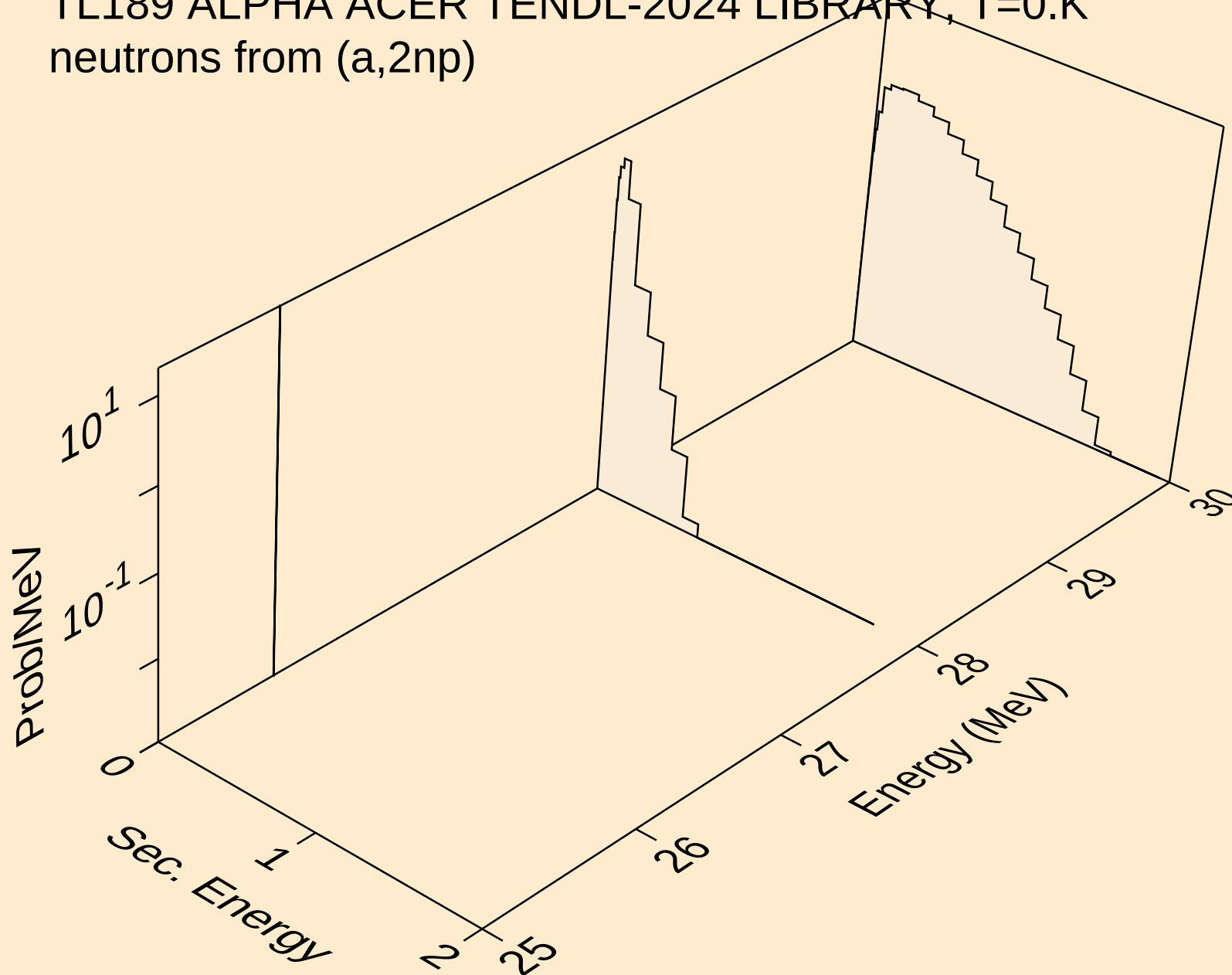
TL189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,n*)p



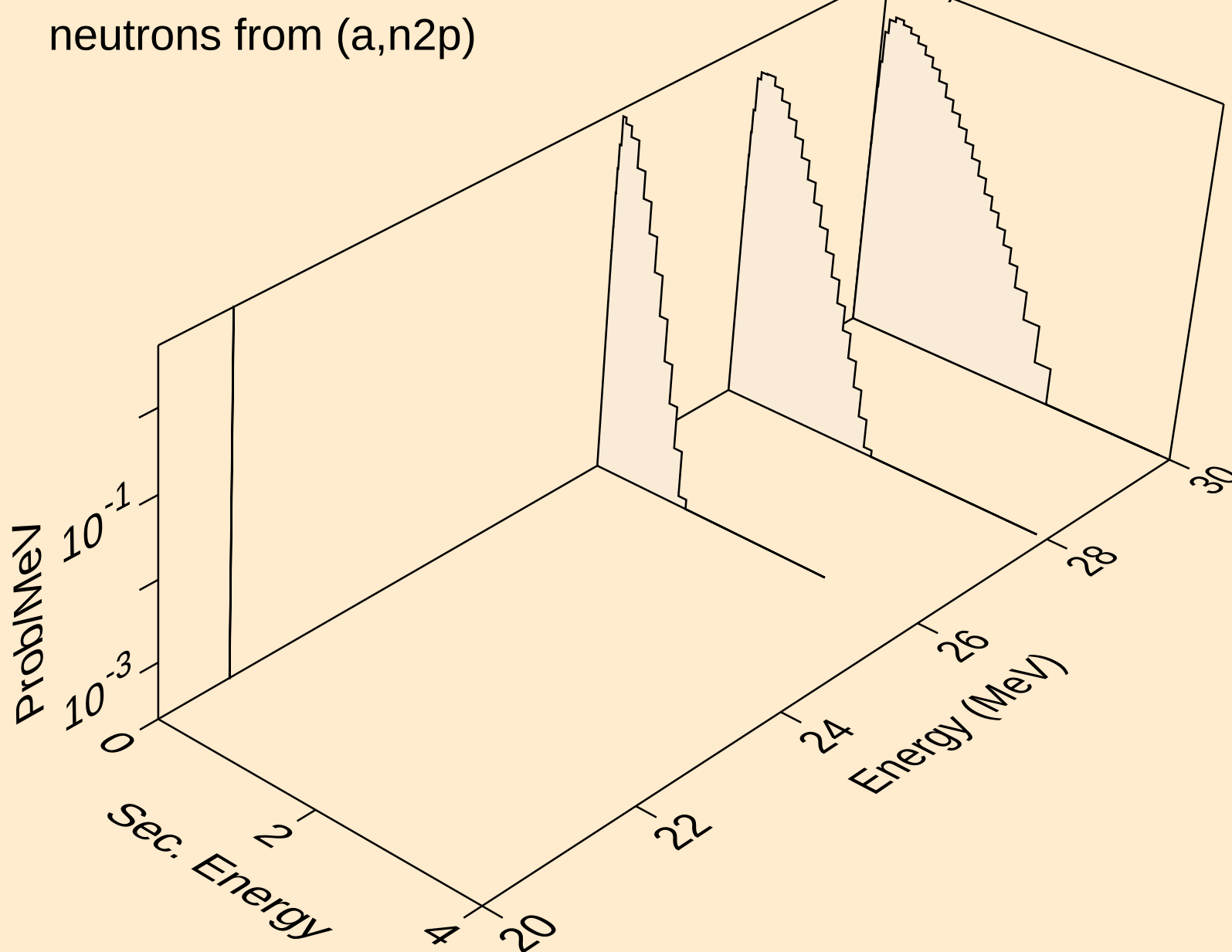
TL189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,n*)d



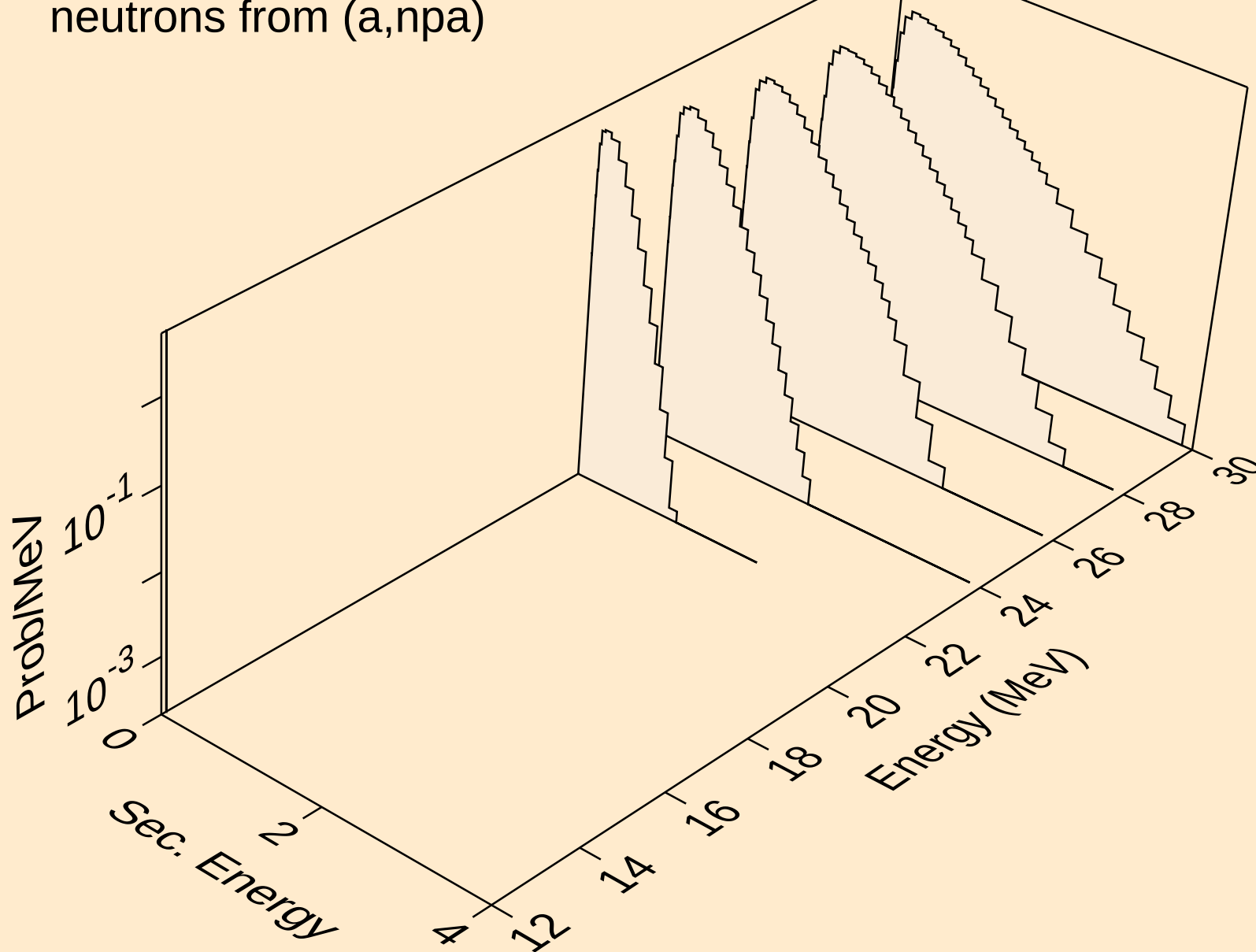
TL189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,2np)



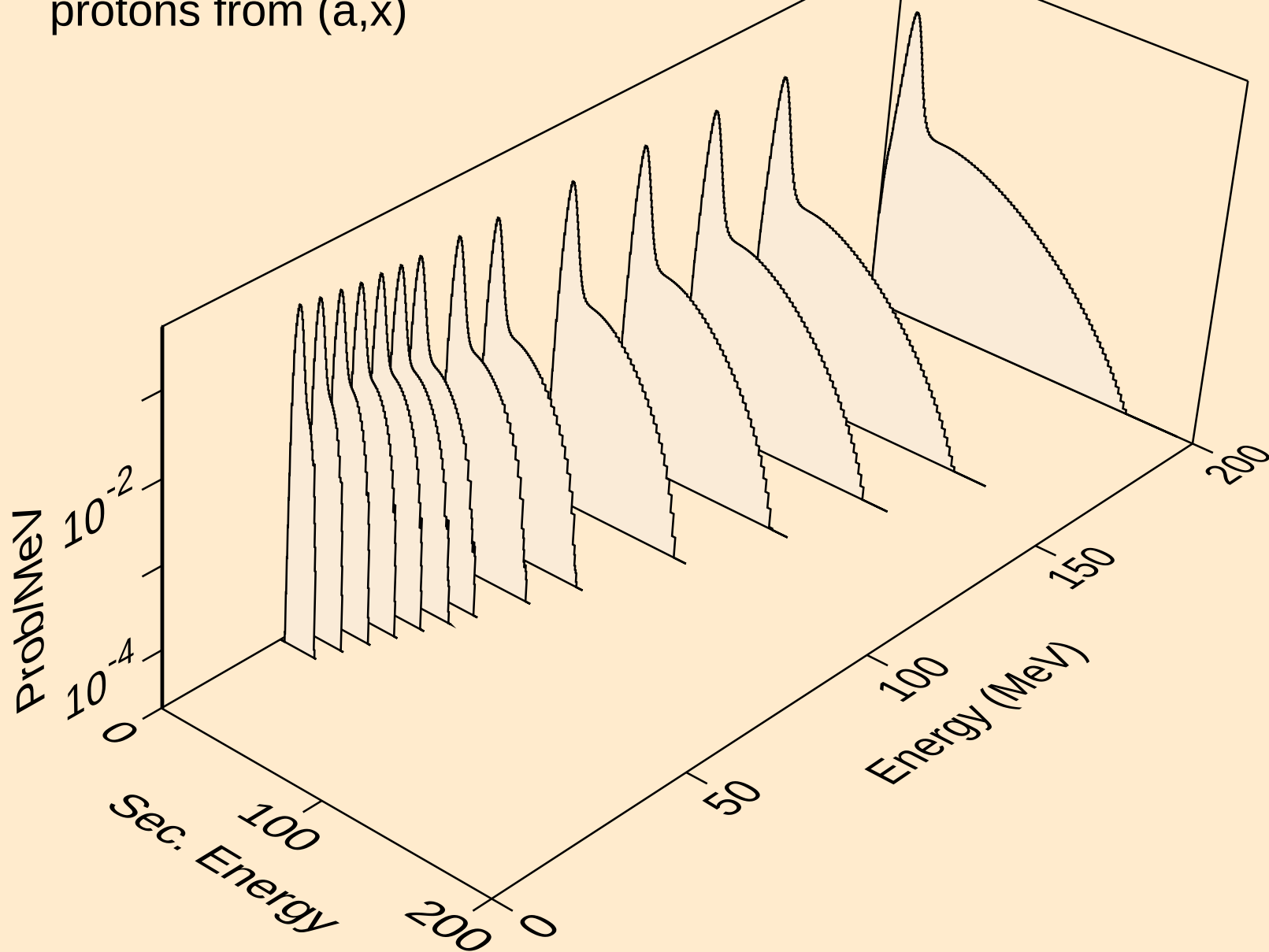
TL189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,n2p)



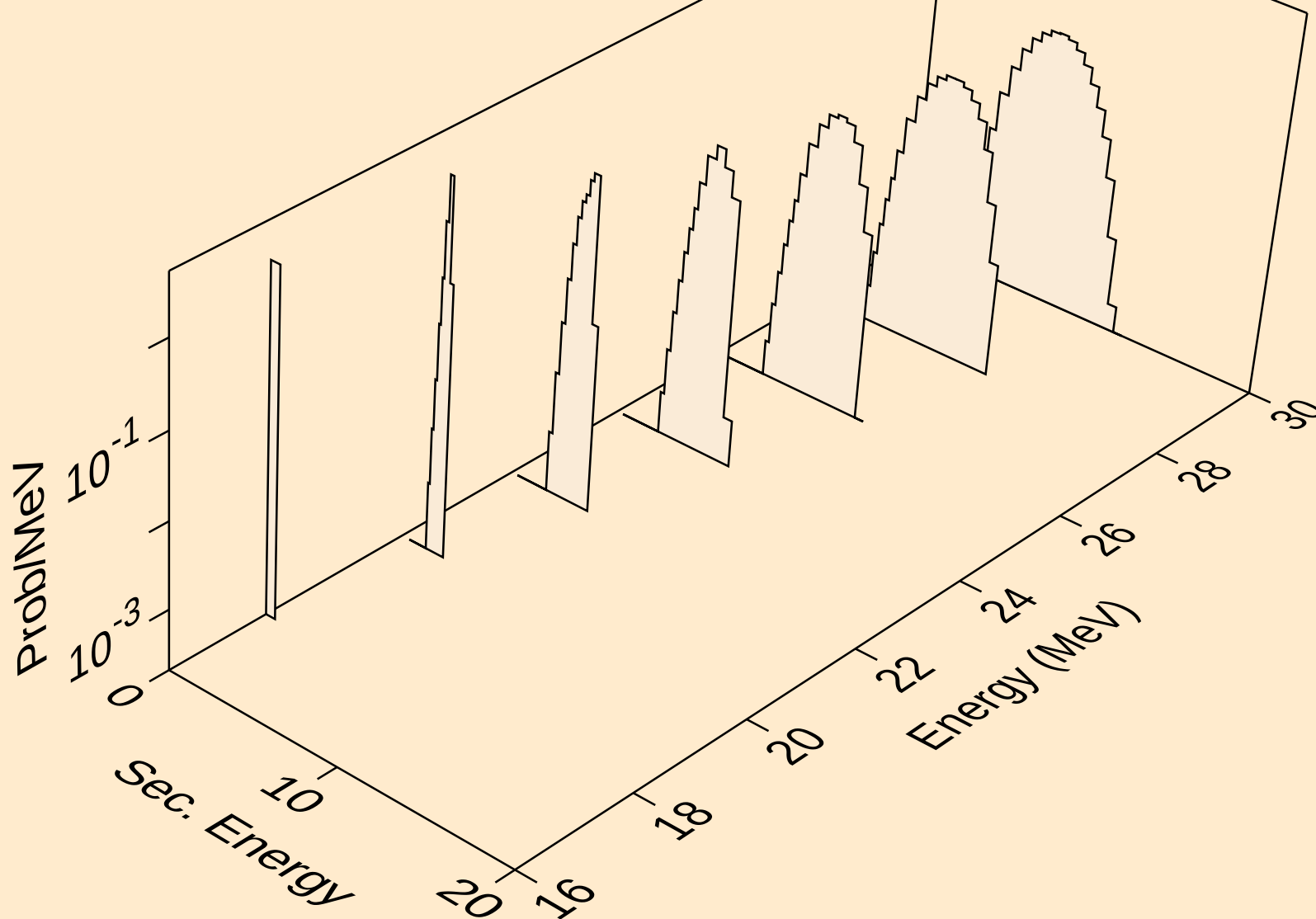
TL189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,npa)



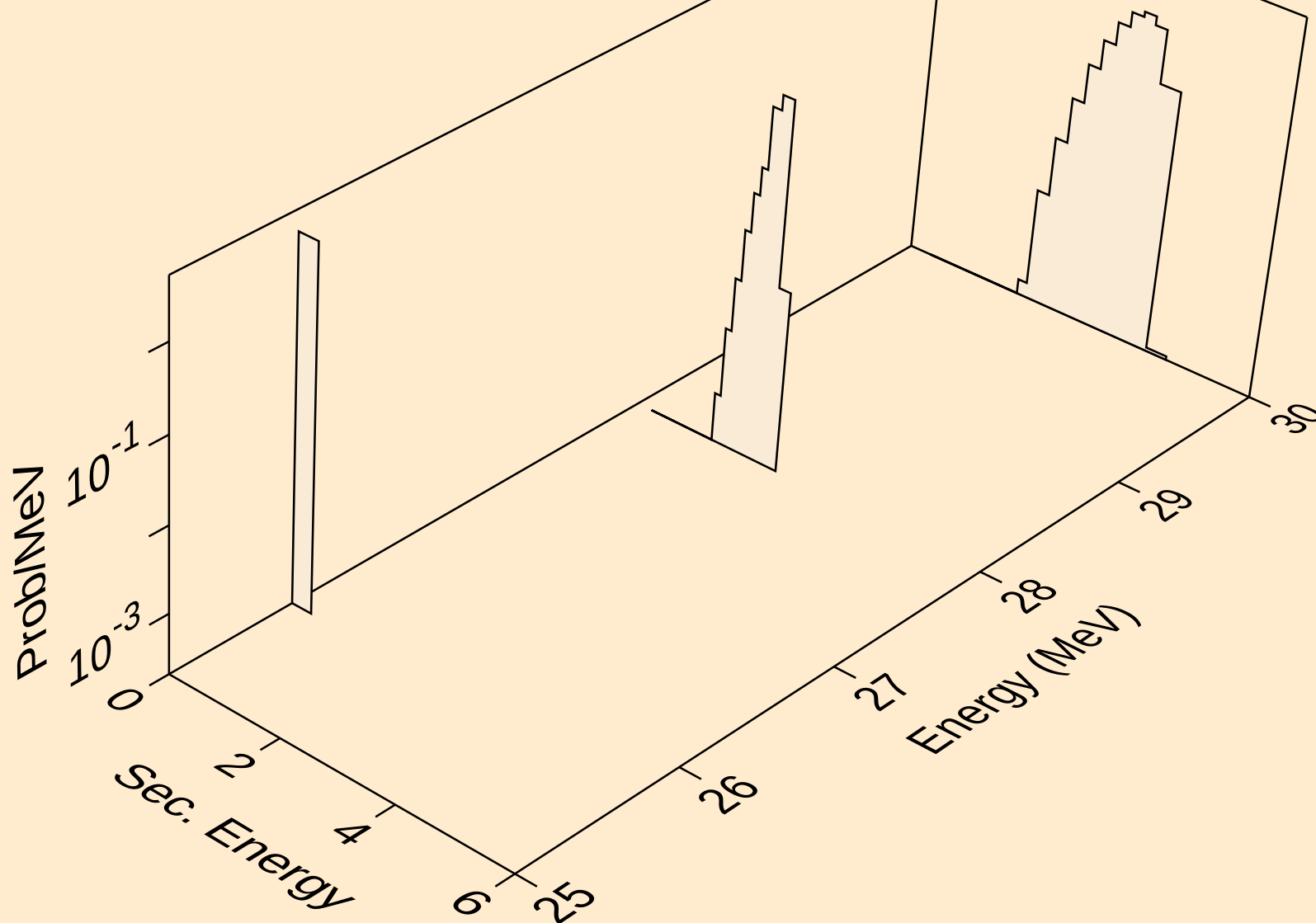
TL189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
protons from (a,x)



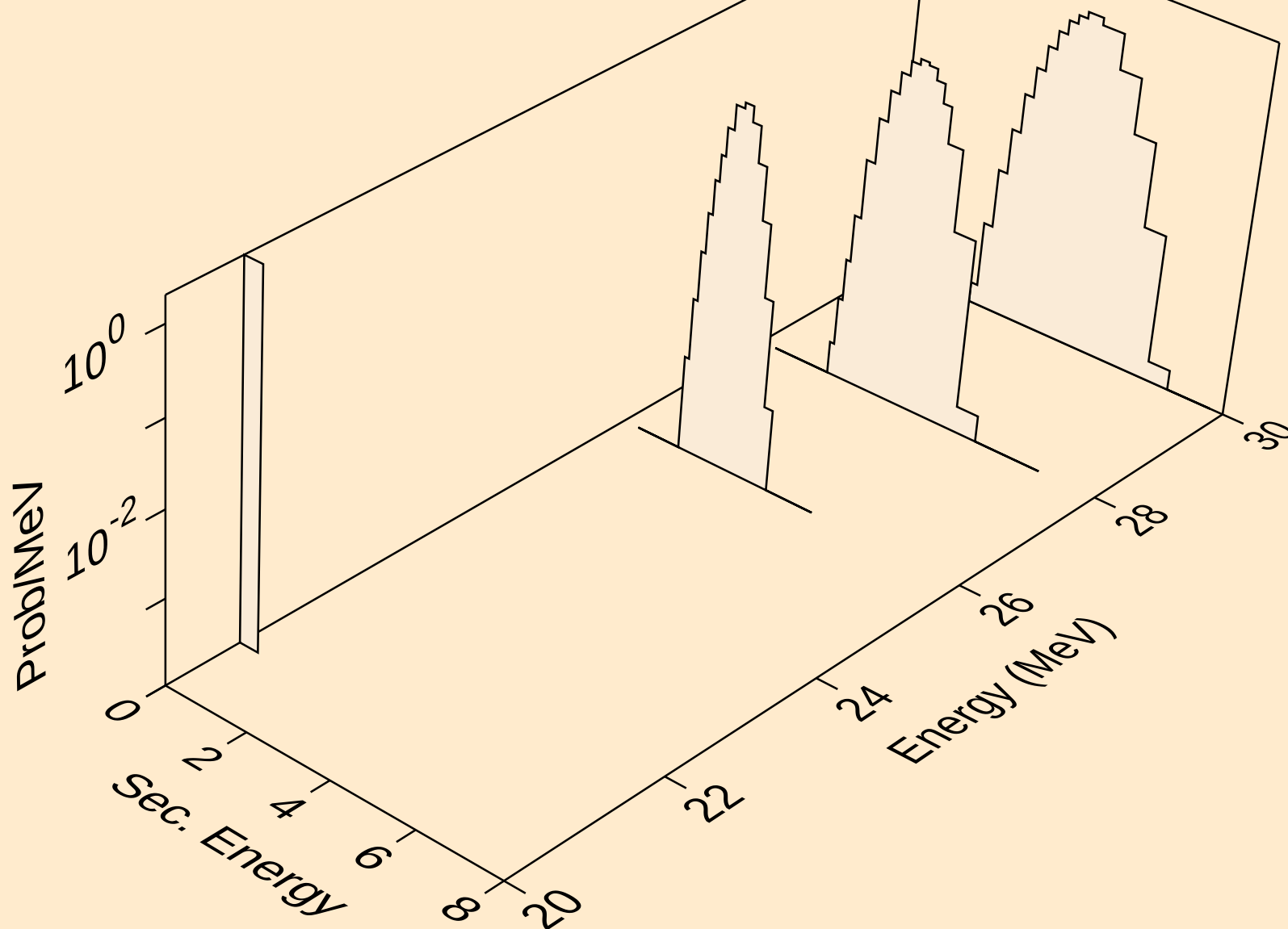
TL189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
protons from (a,n*)p



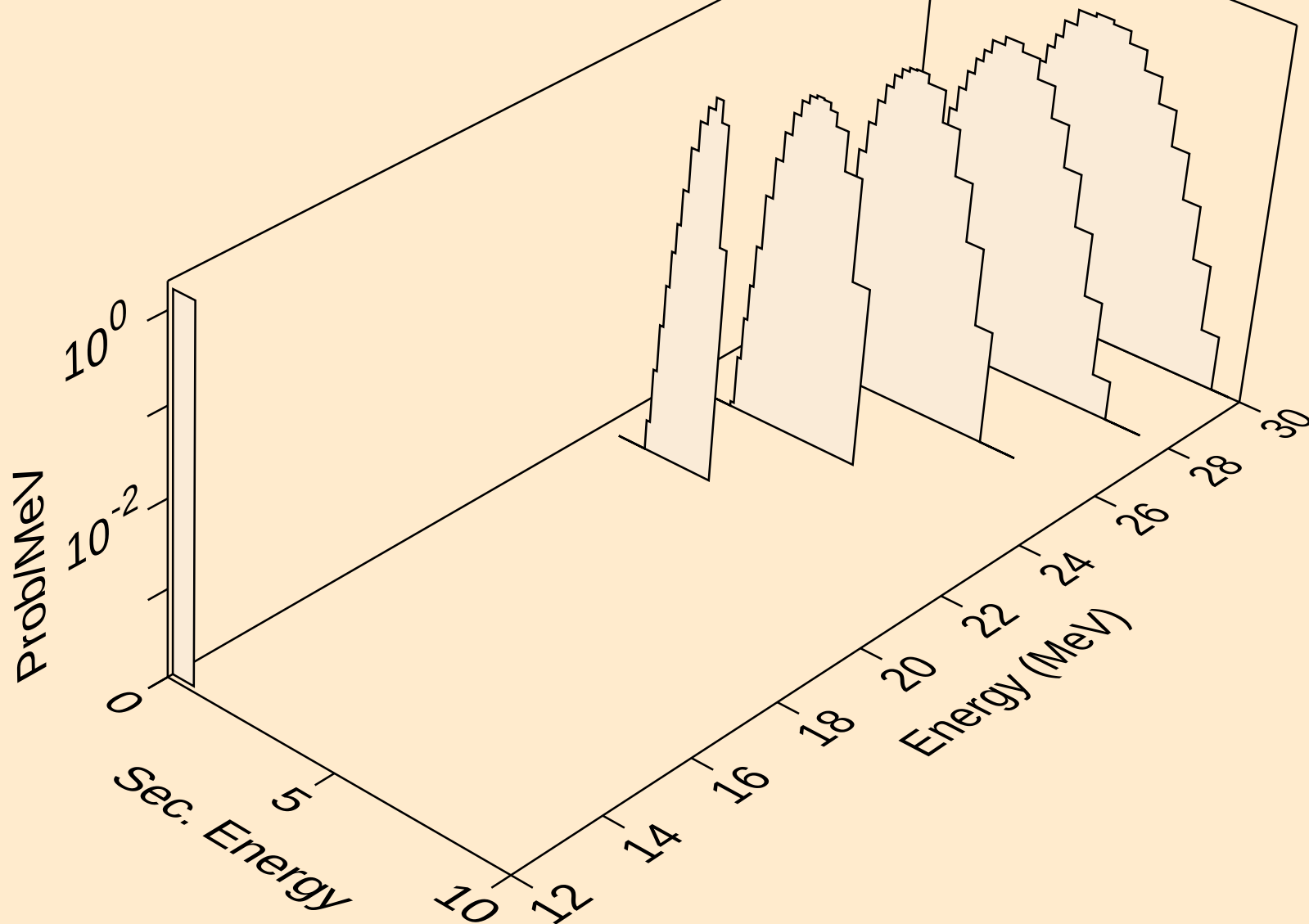
TL189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
protons from (a,2np)



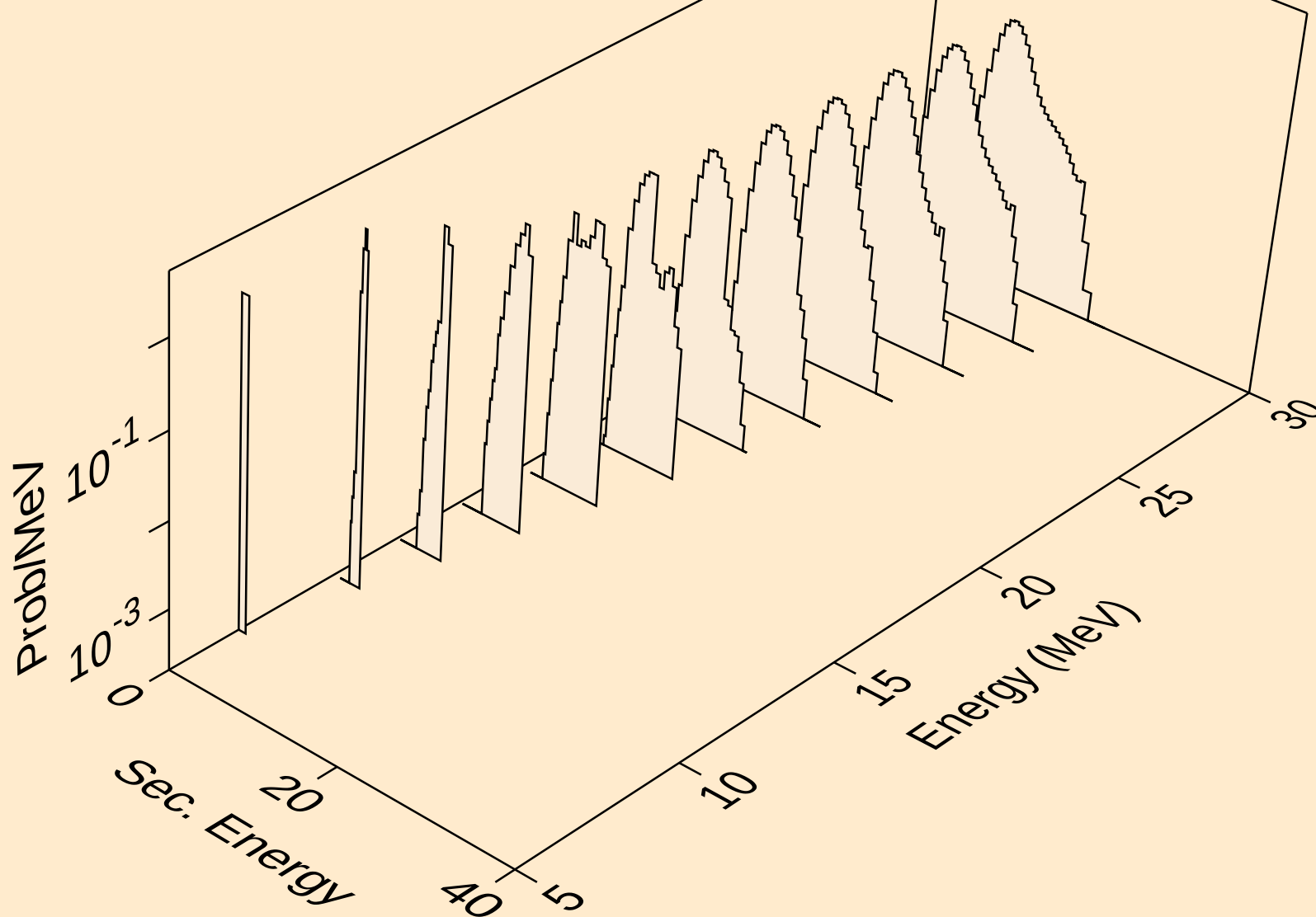
TL189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
protons from (a,n2p)



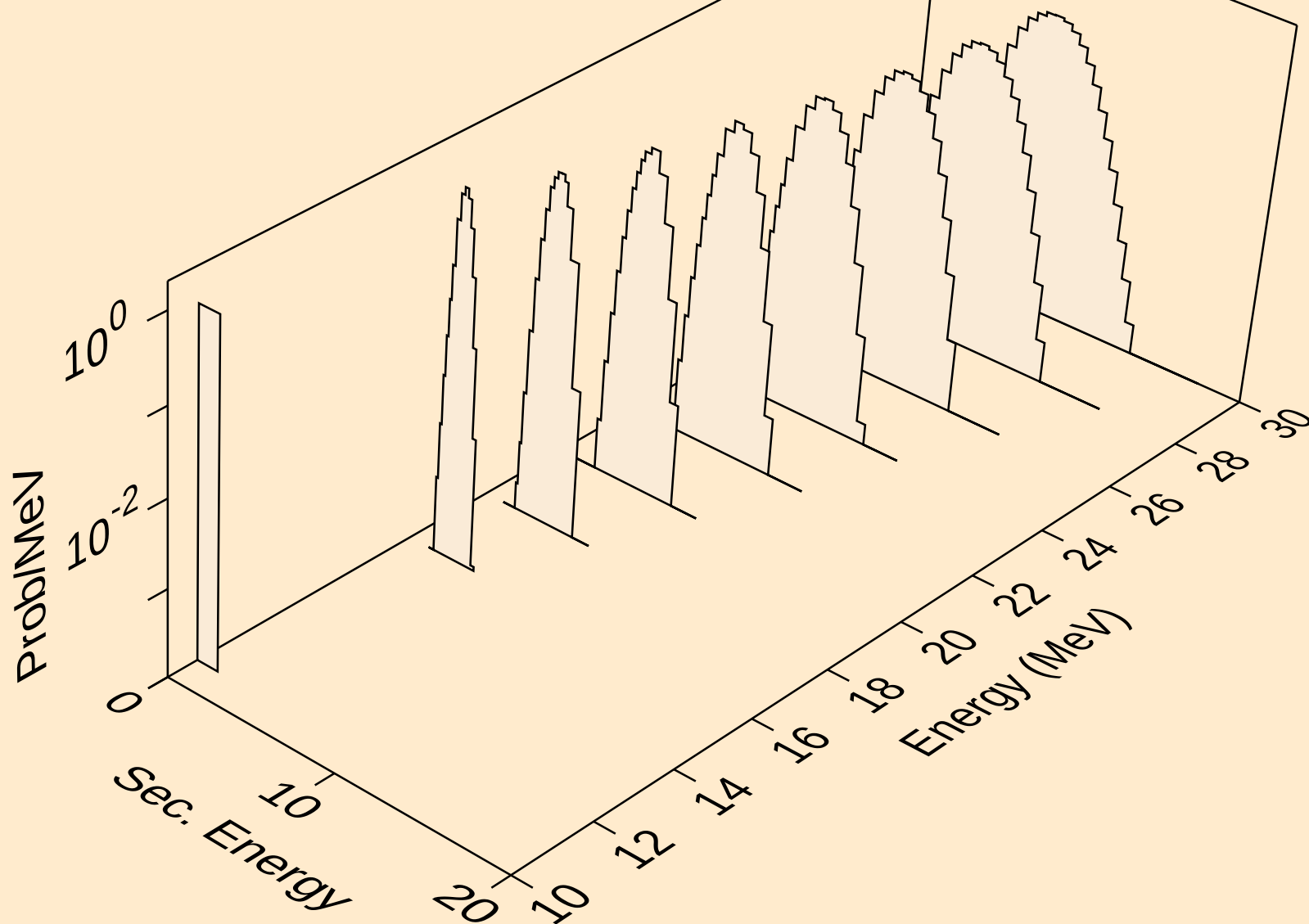
TL189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
protons from (a,npa)



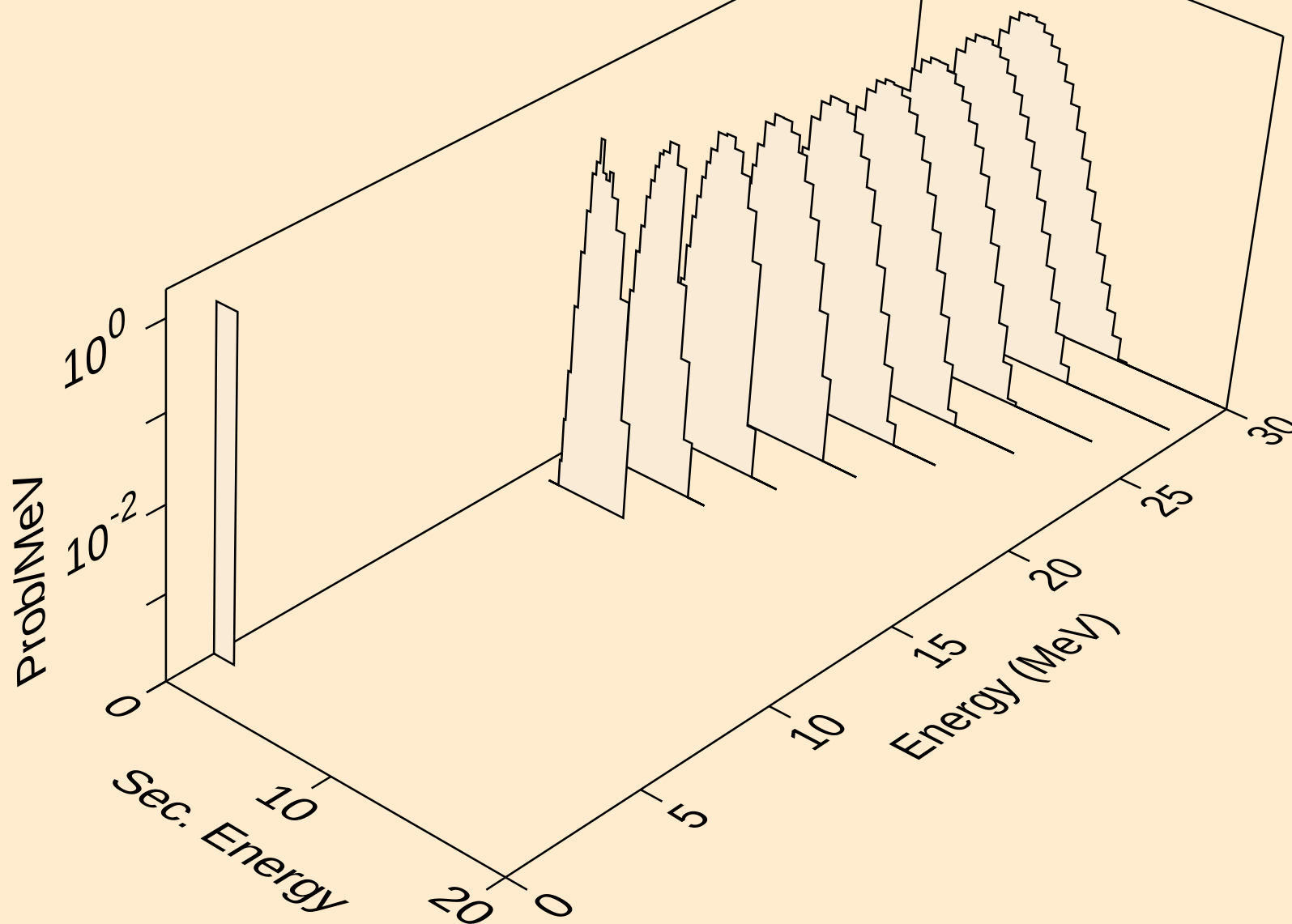
TL189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
protons from (a,p)



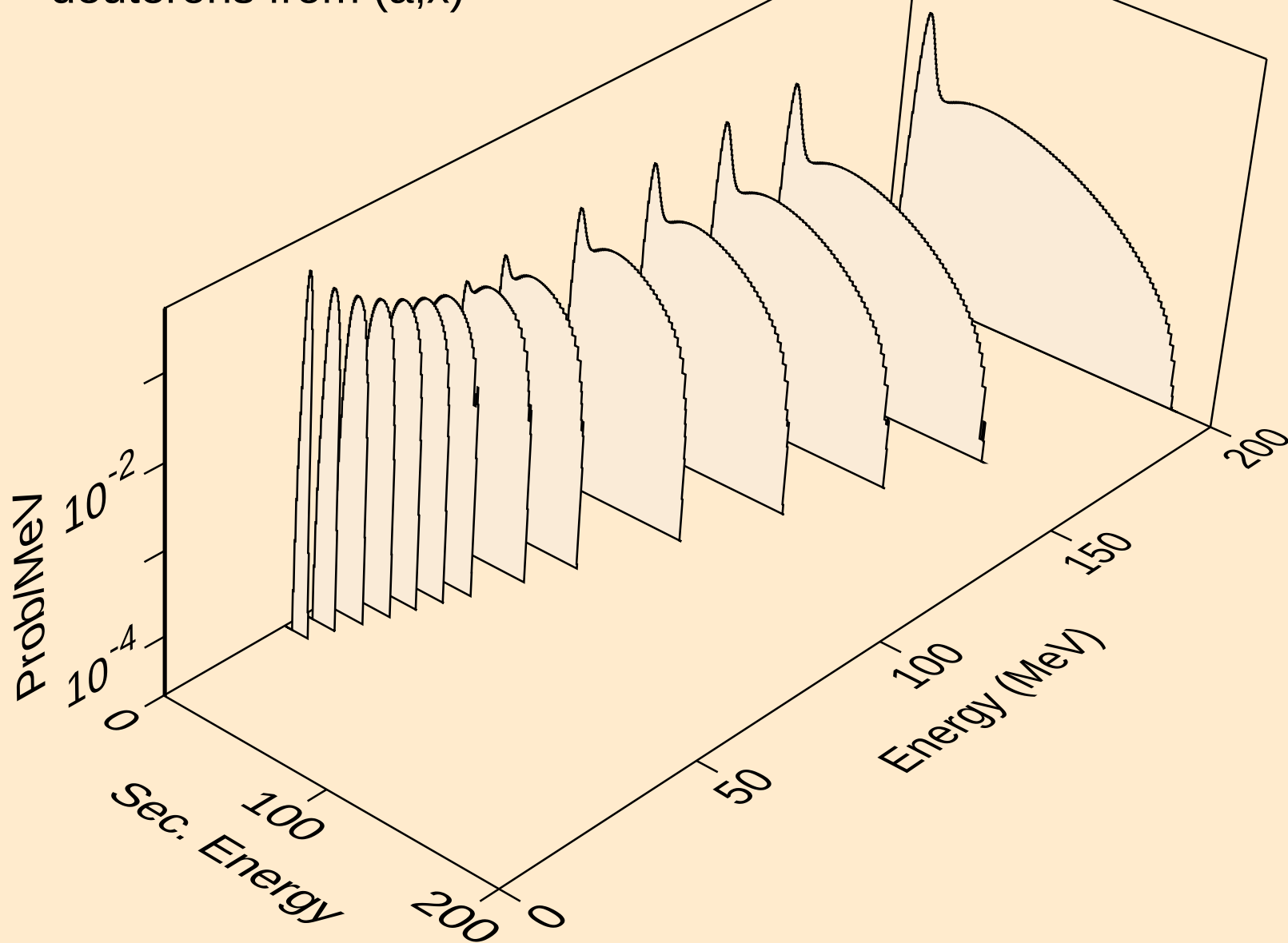
TL189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
protons from (a,2p)



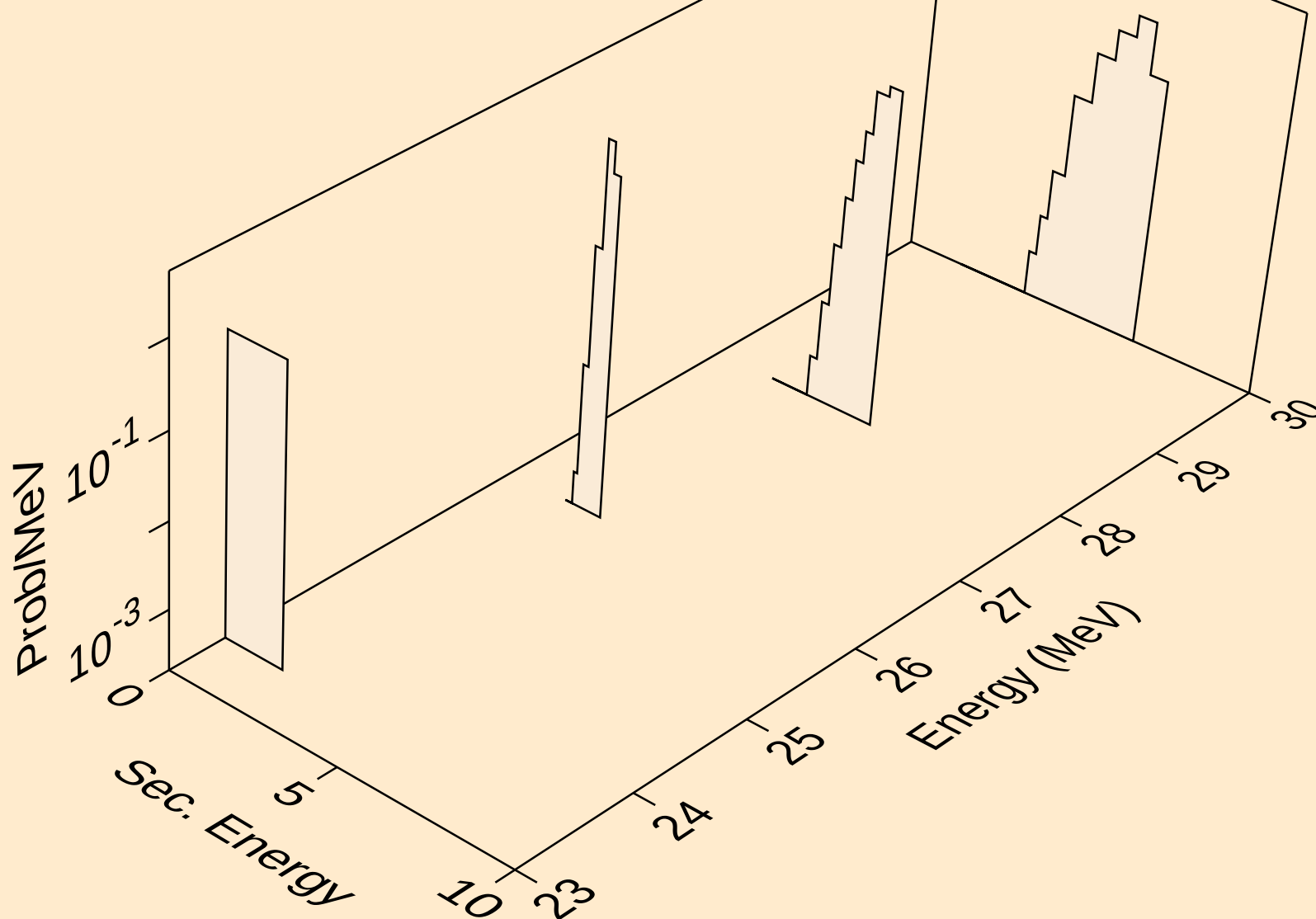
TL189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
protons from (a,pa)



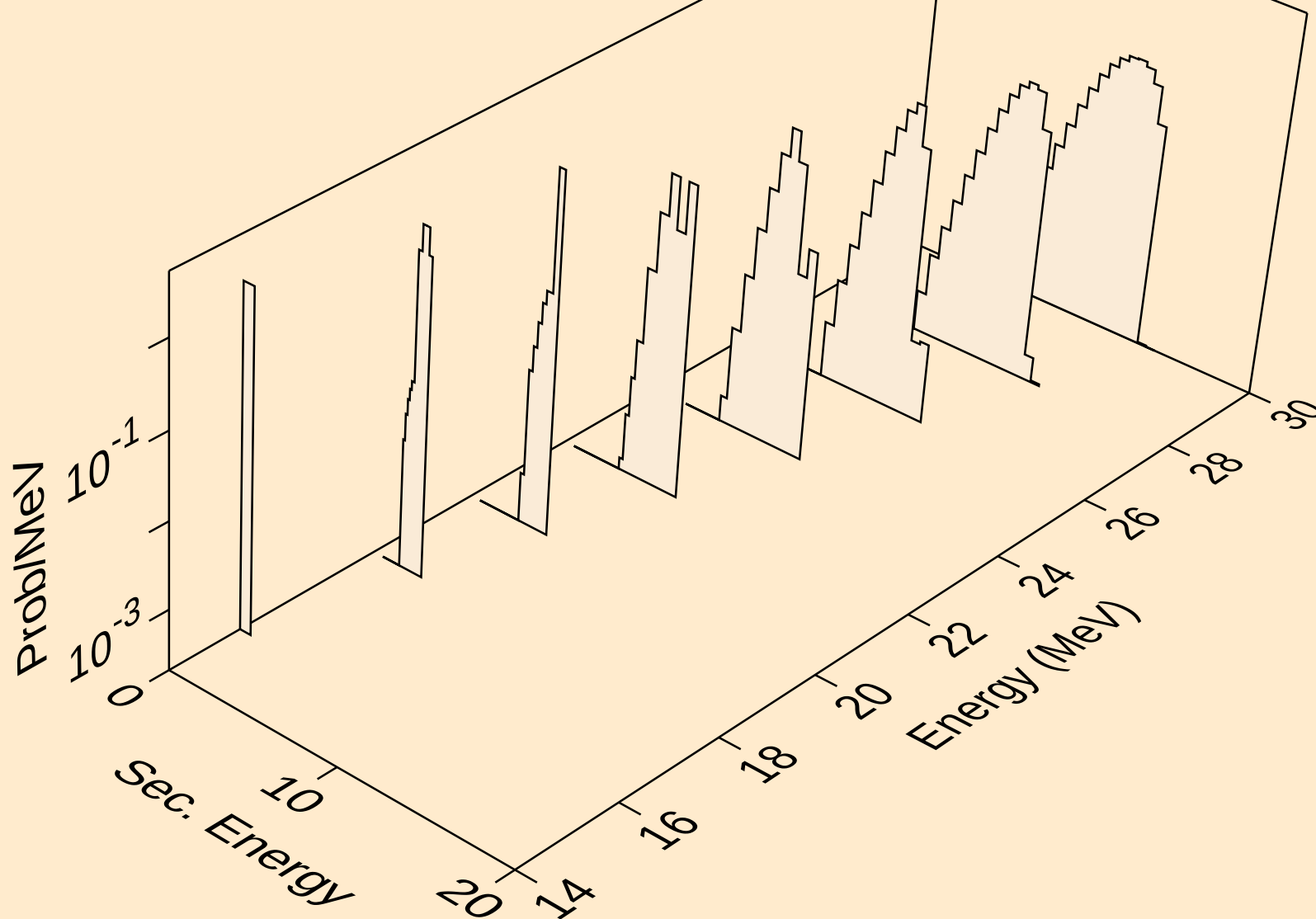
TL189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (a,x)



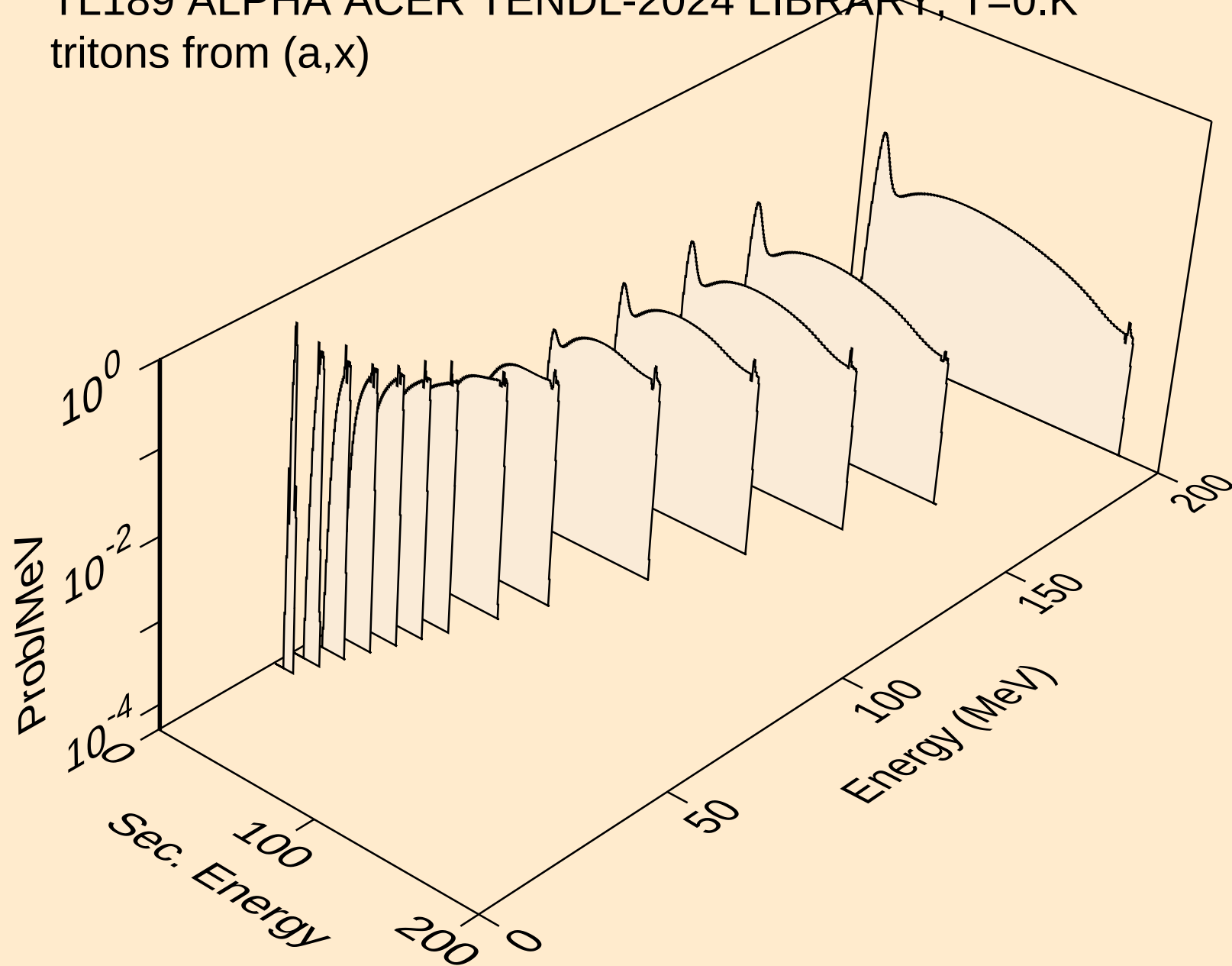
TL189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (a,n*)d



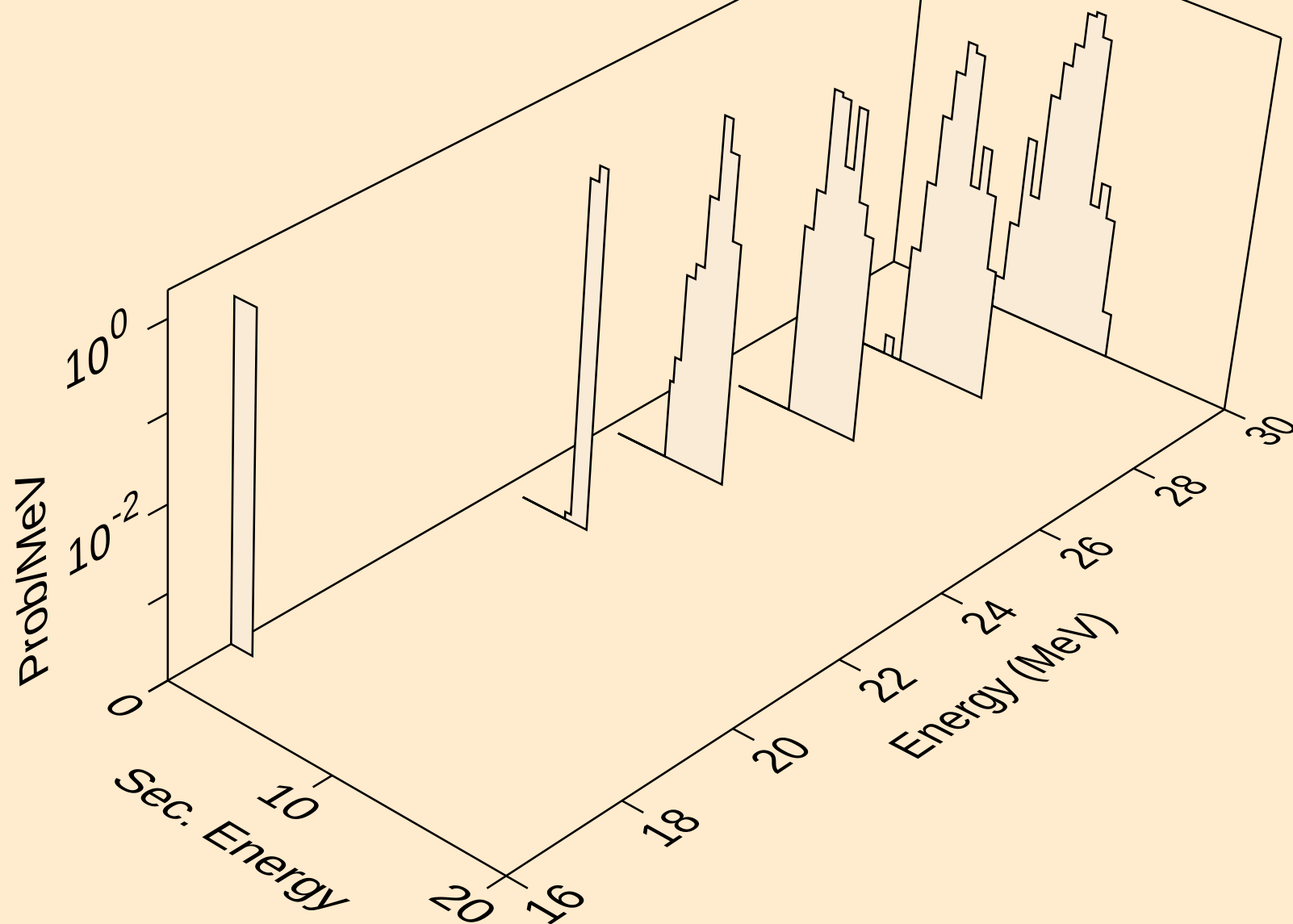
TL189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (a,d)



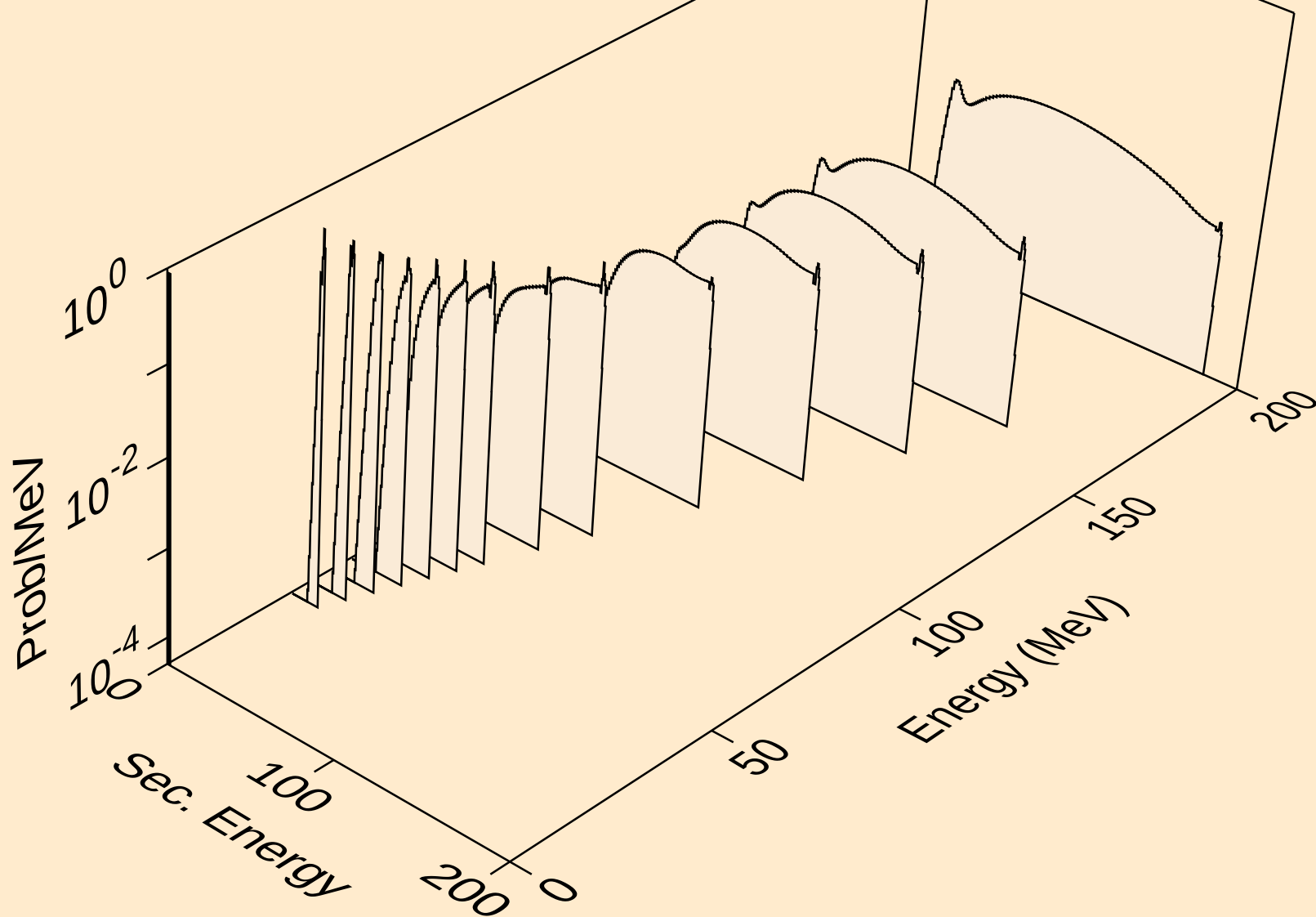
TL189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
tritons from (a,x)



TL189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
tritons from (a,t)



TL189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
he3s from (a,x)



TL189 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
he3s from (a,he3)

