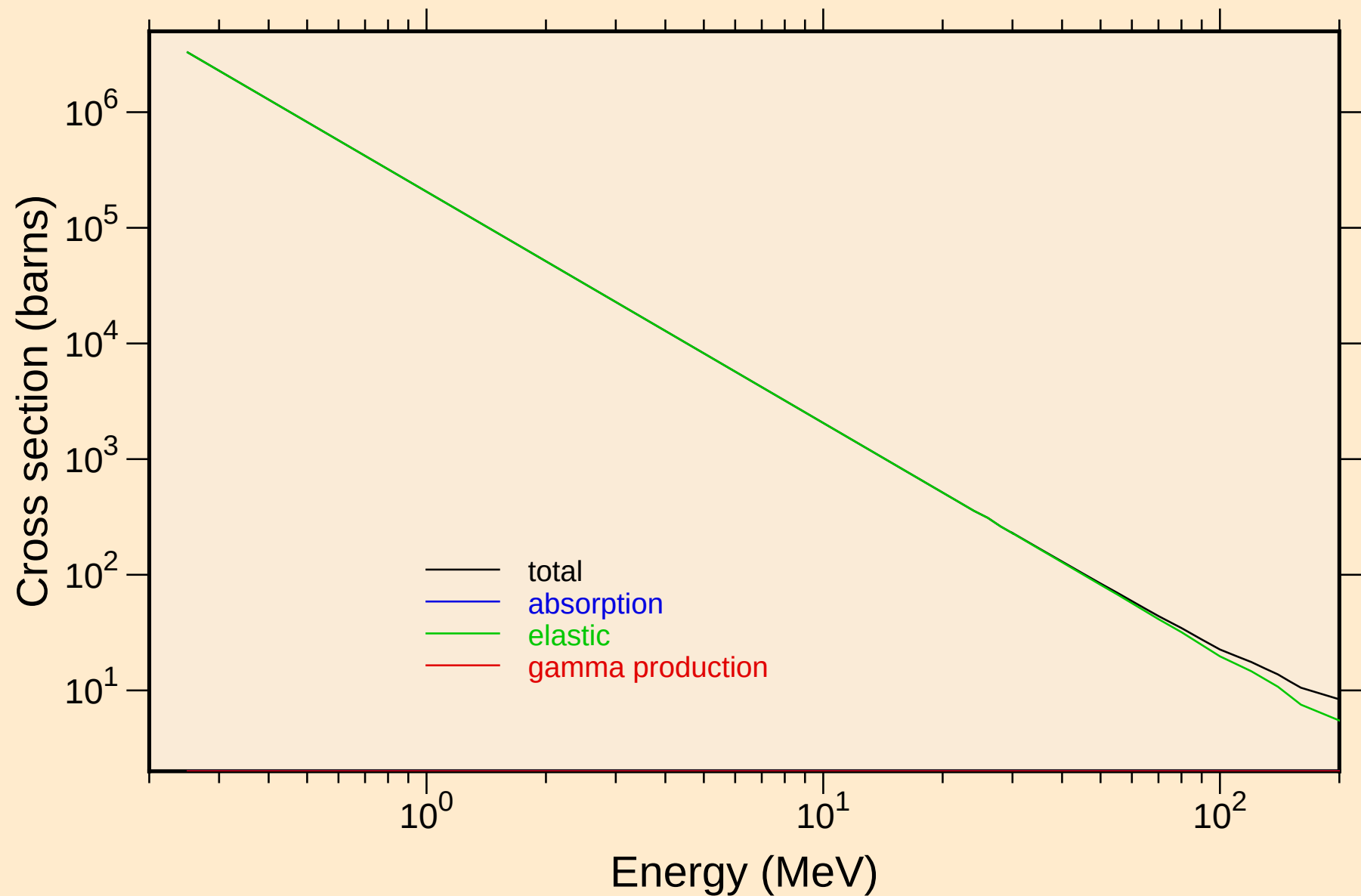


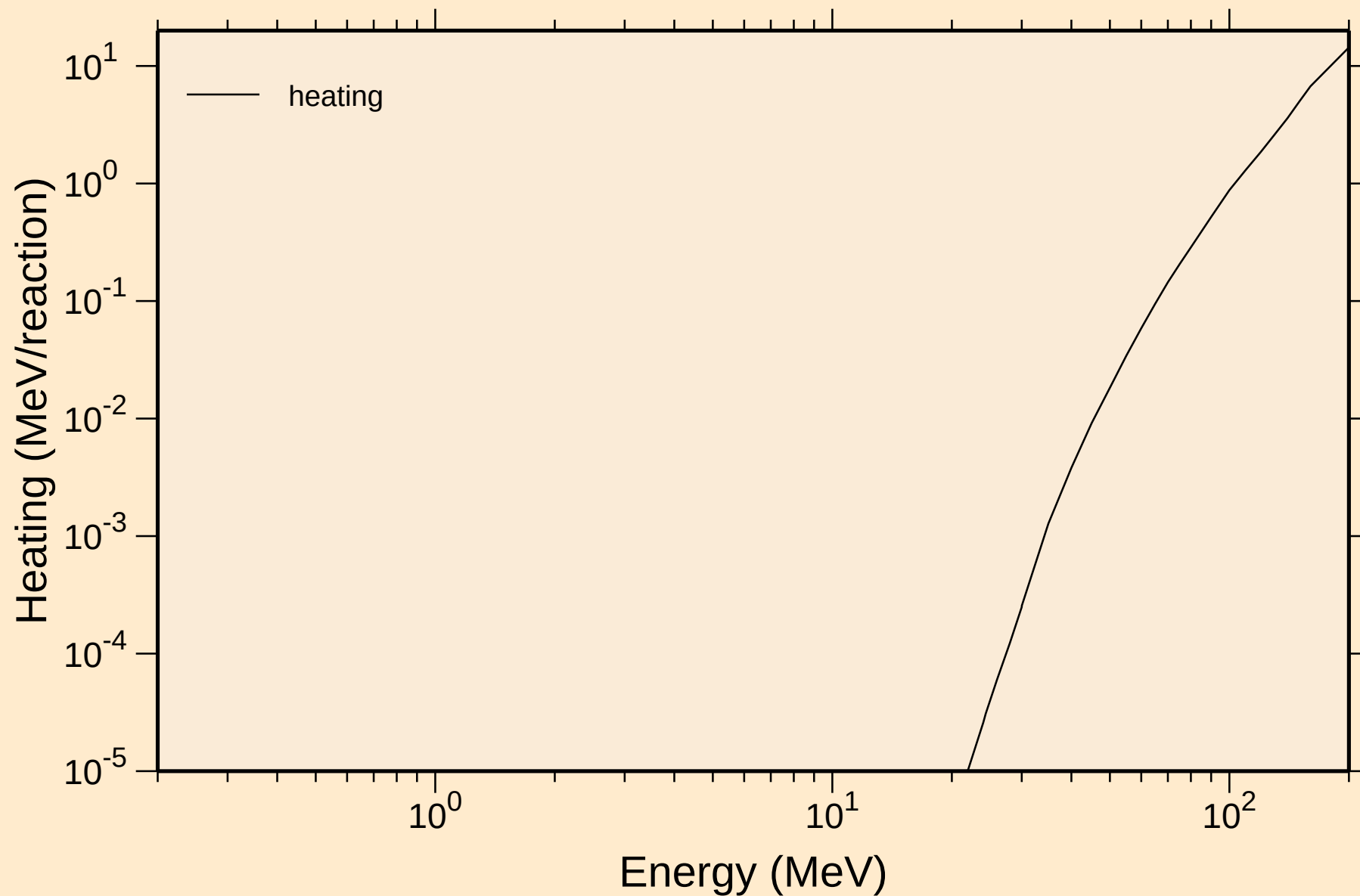
TH239 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections



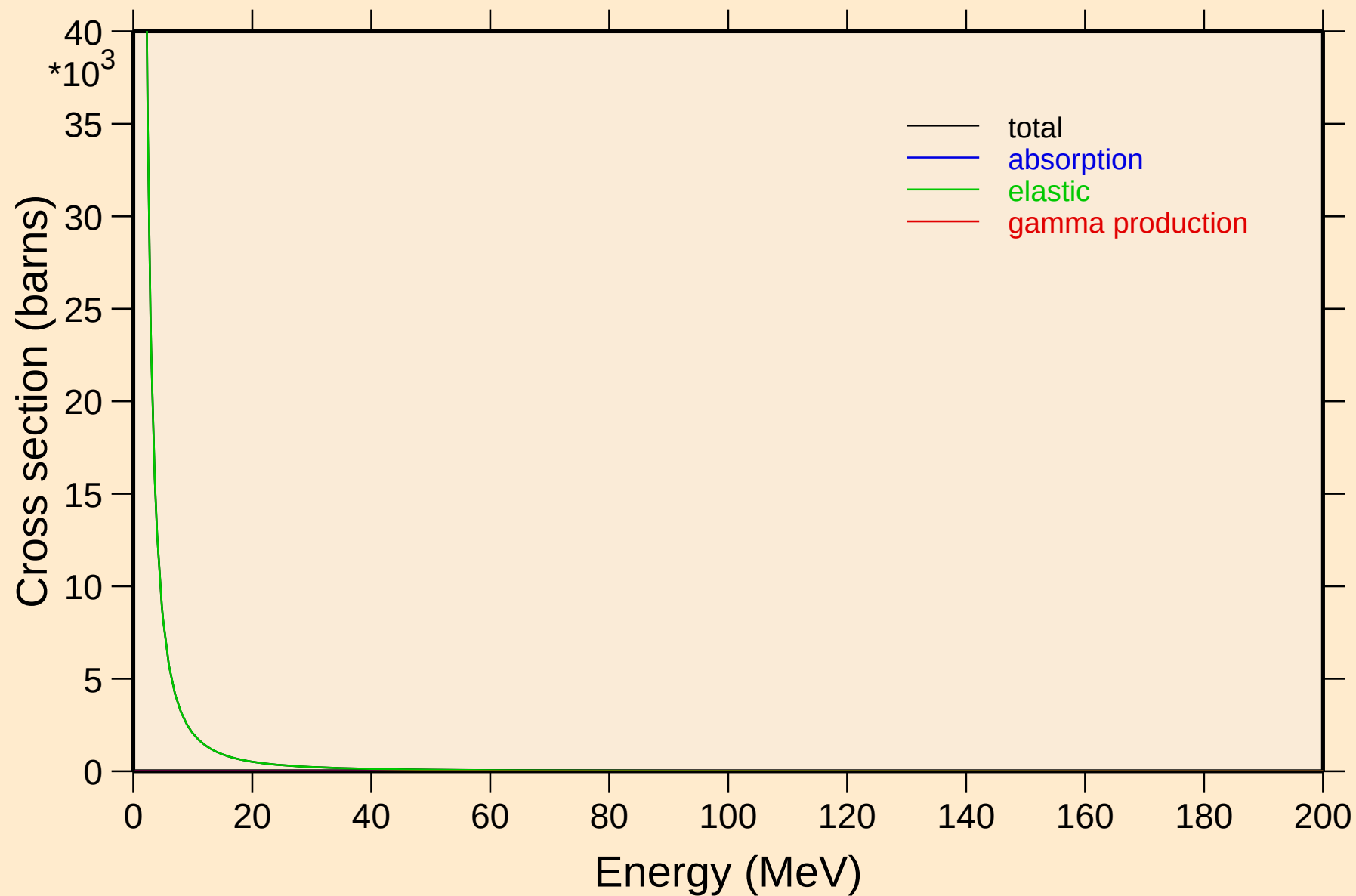
TH239 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Heating



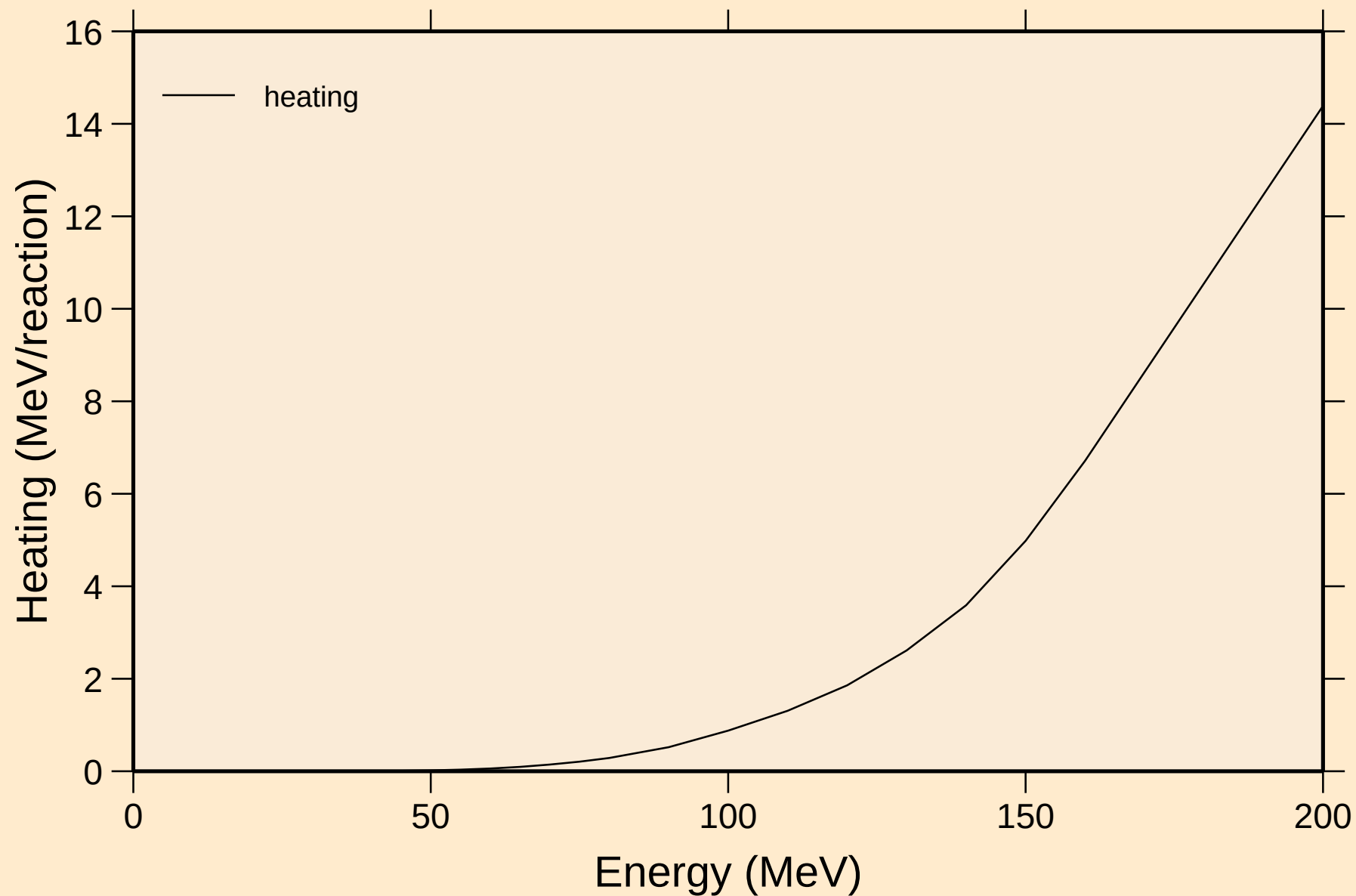
TH239 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections



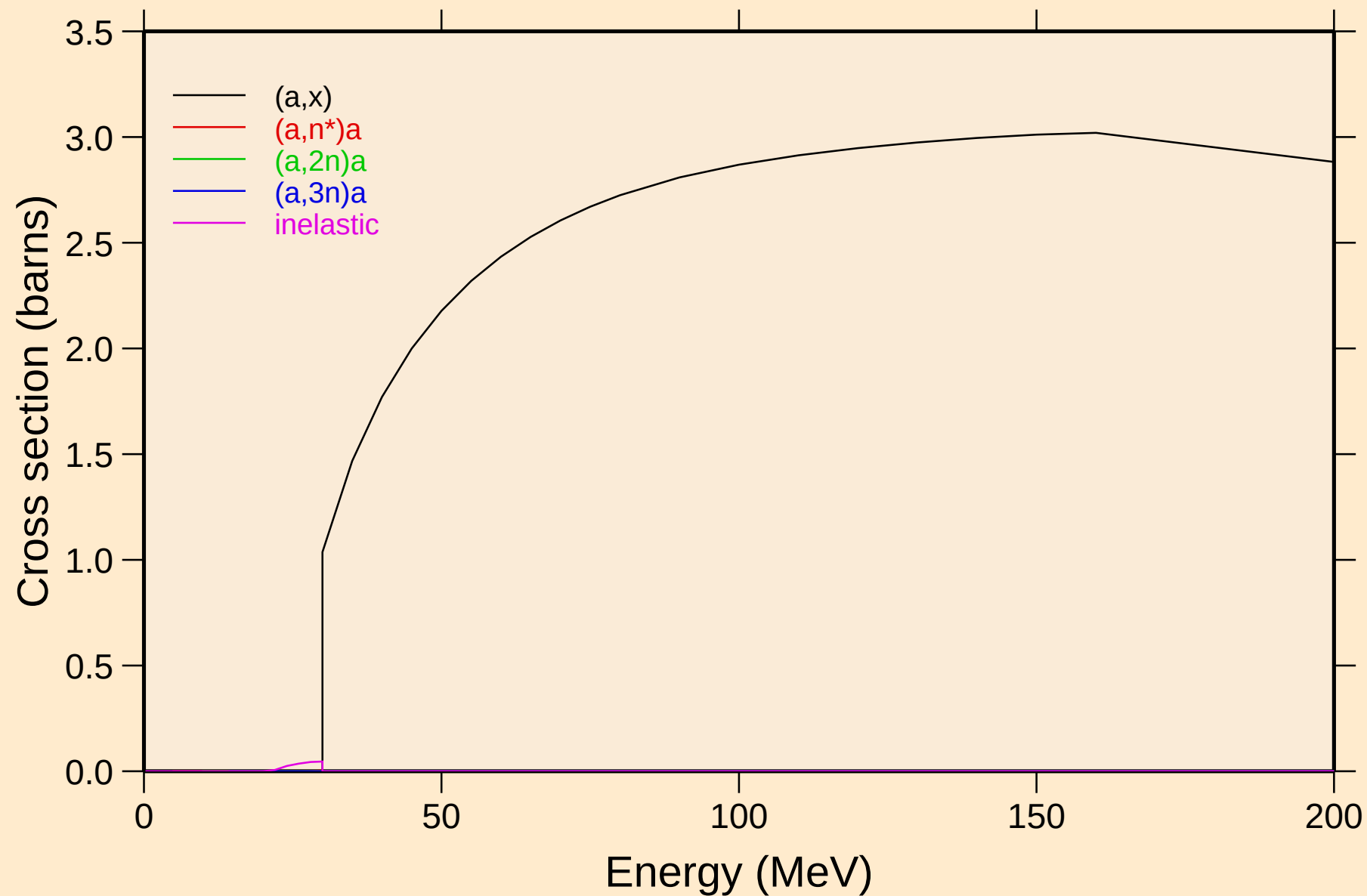
TH239 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Heating

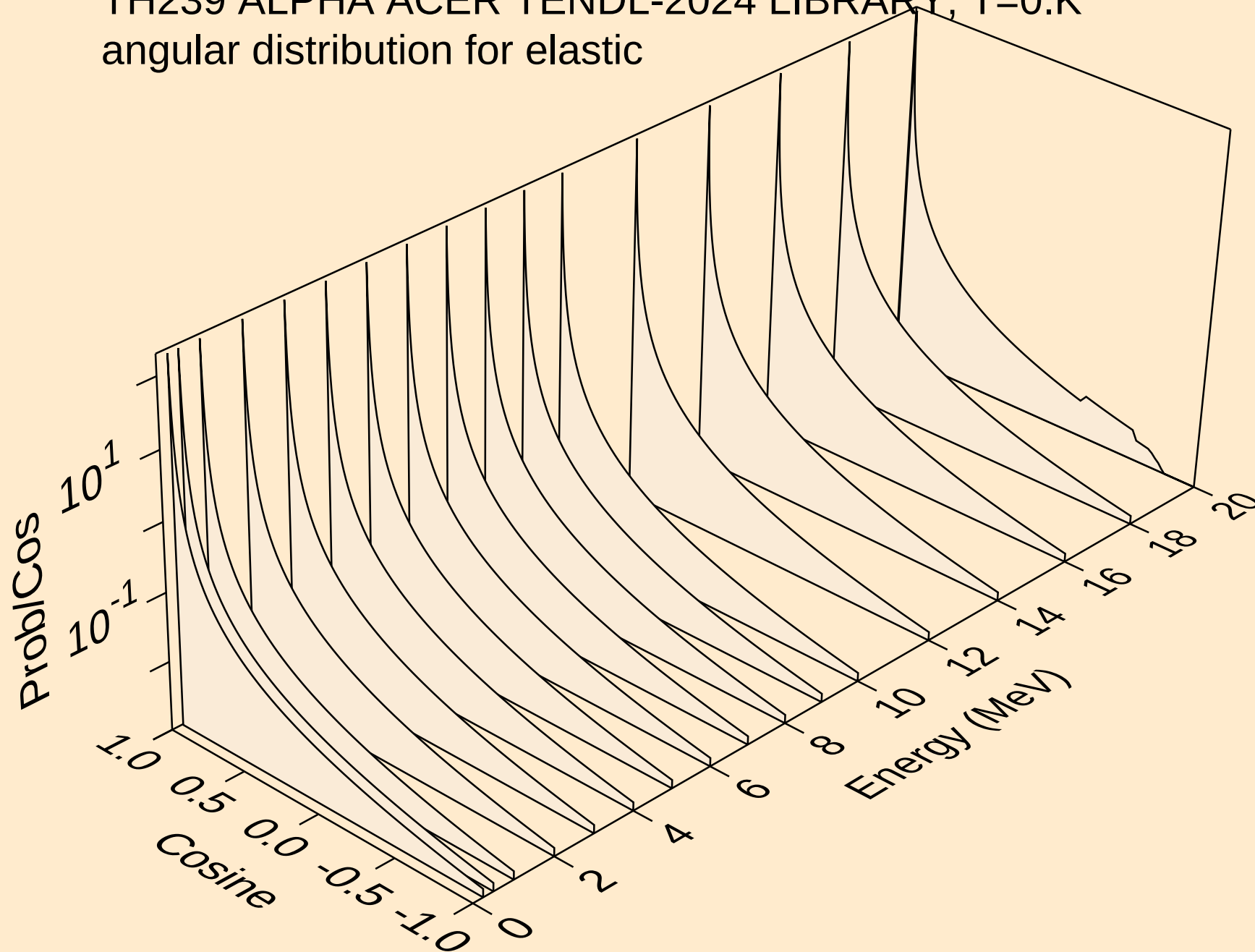


TH239 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

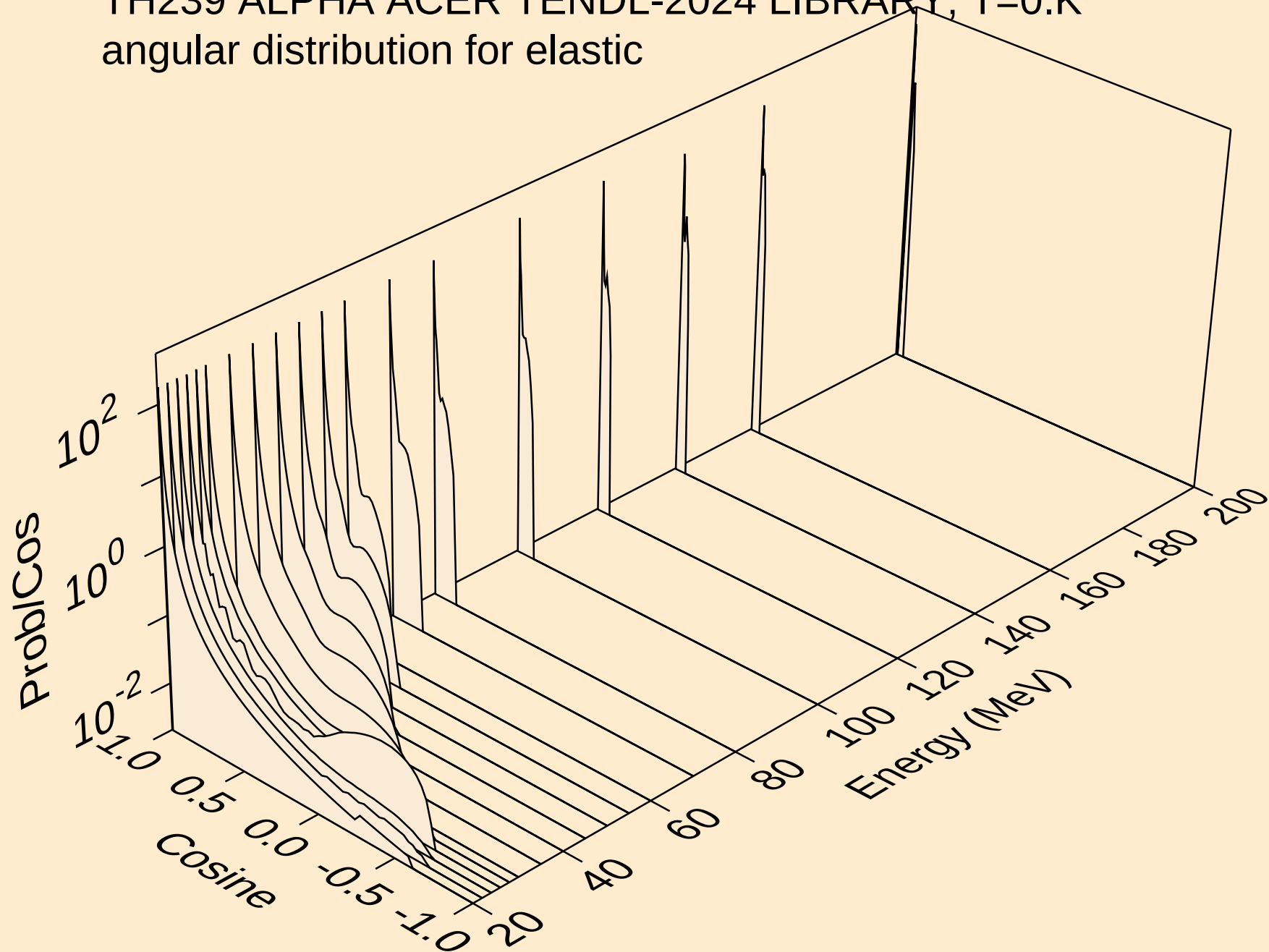
Threshold reactions



TH239 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic

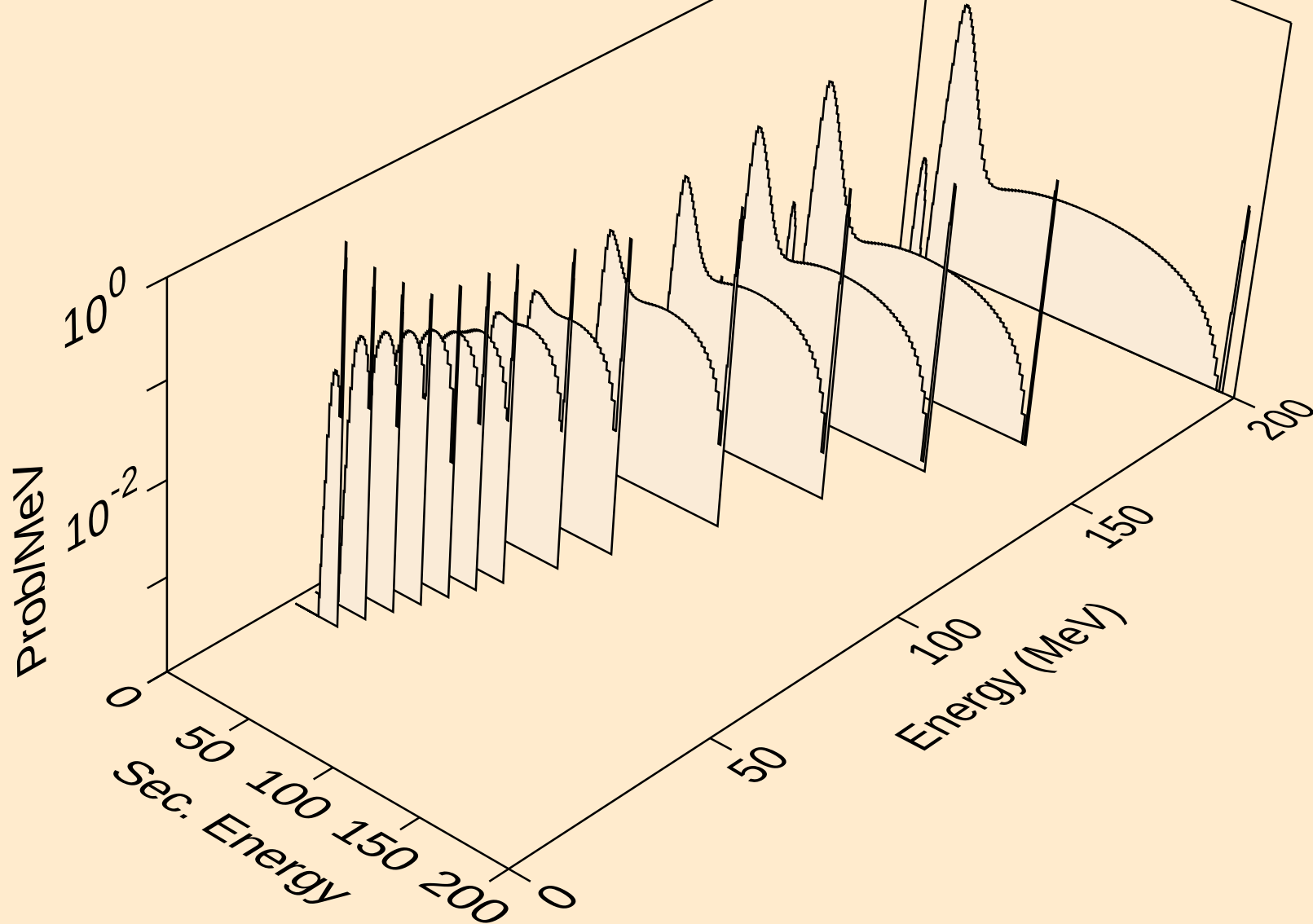


TH239 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic



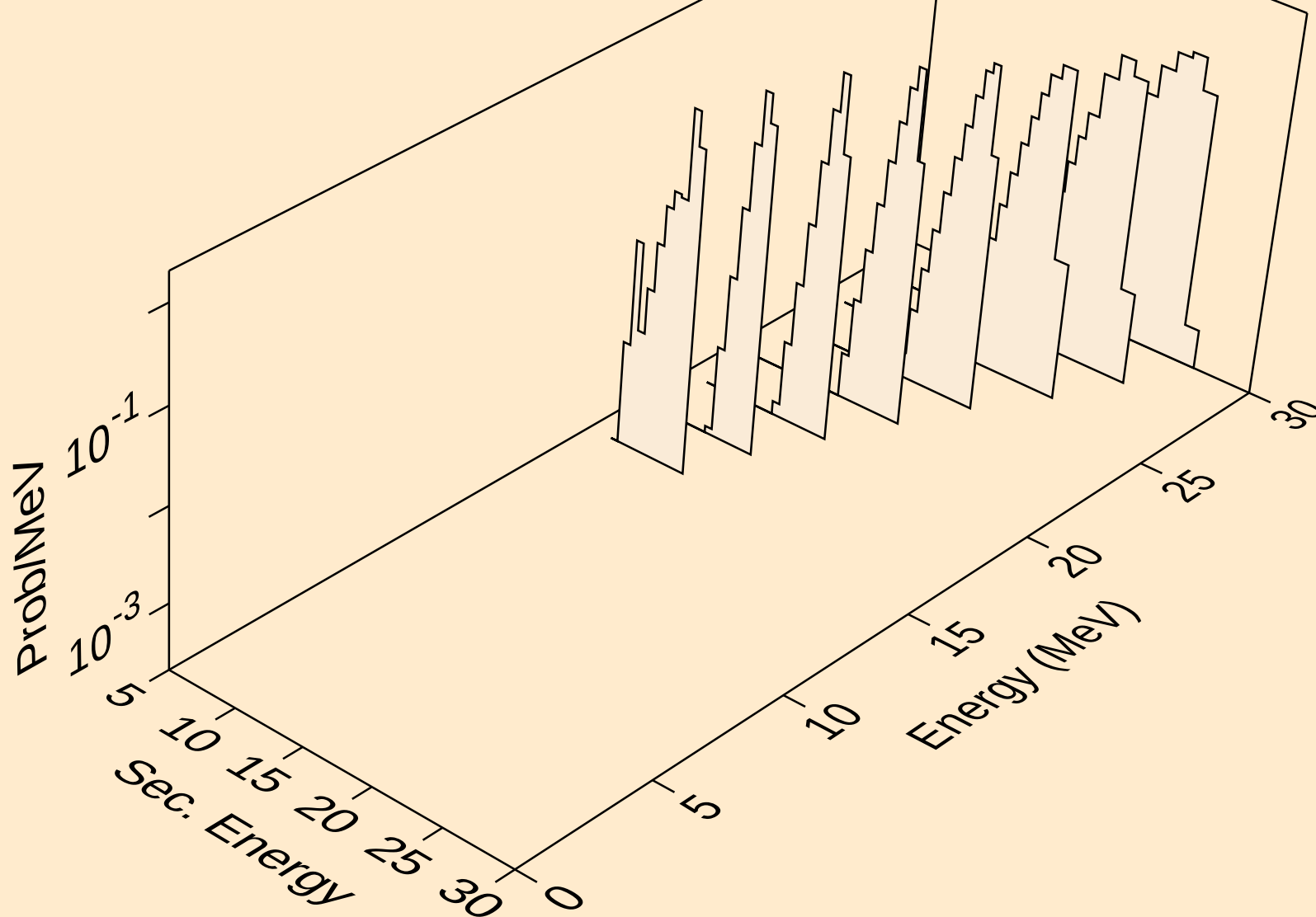
TH239 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,x)



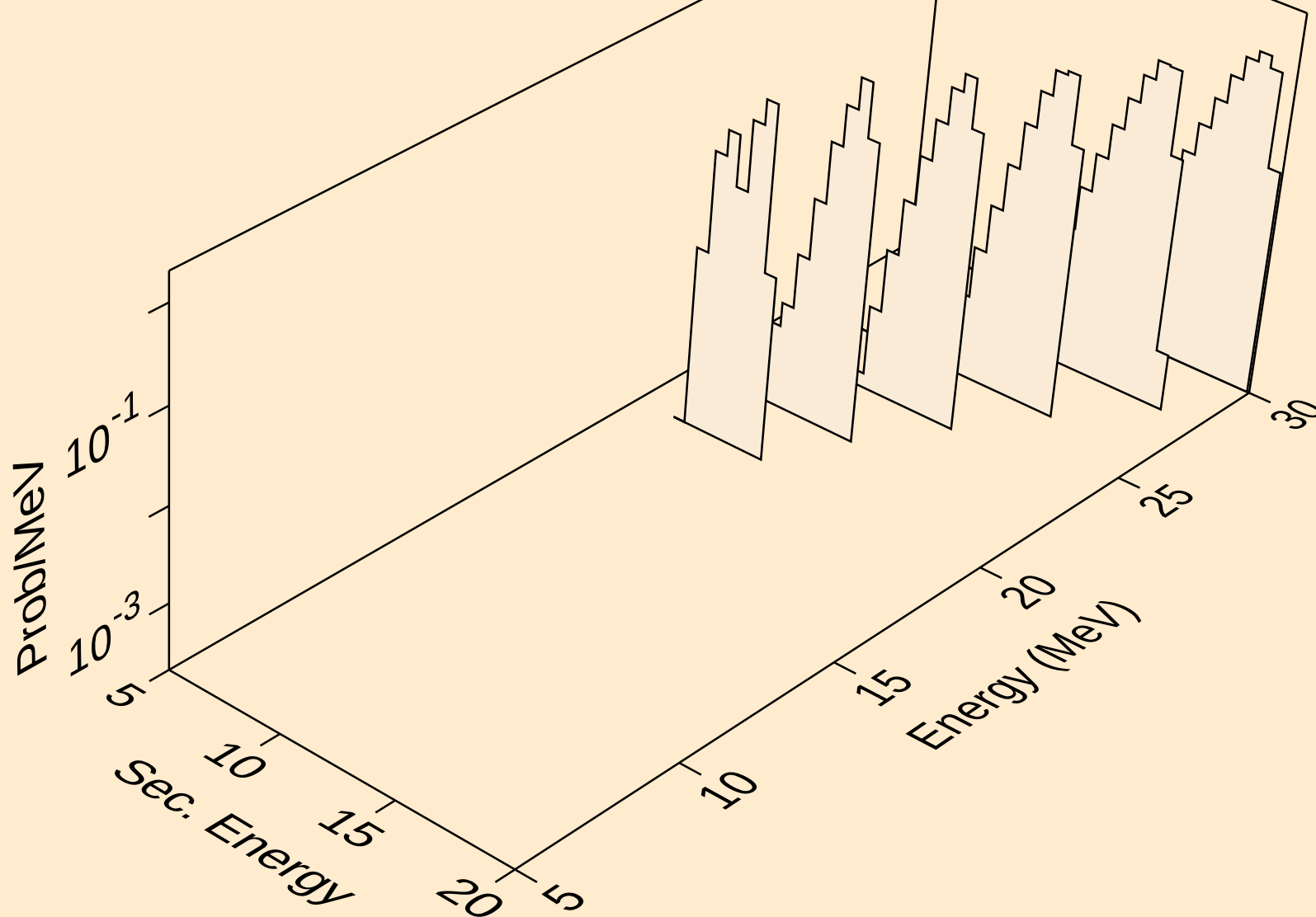
TH239 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,n*)a



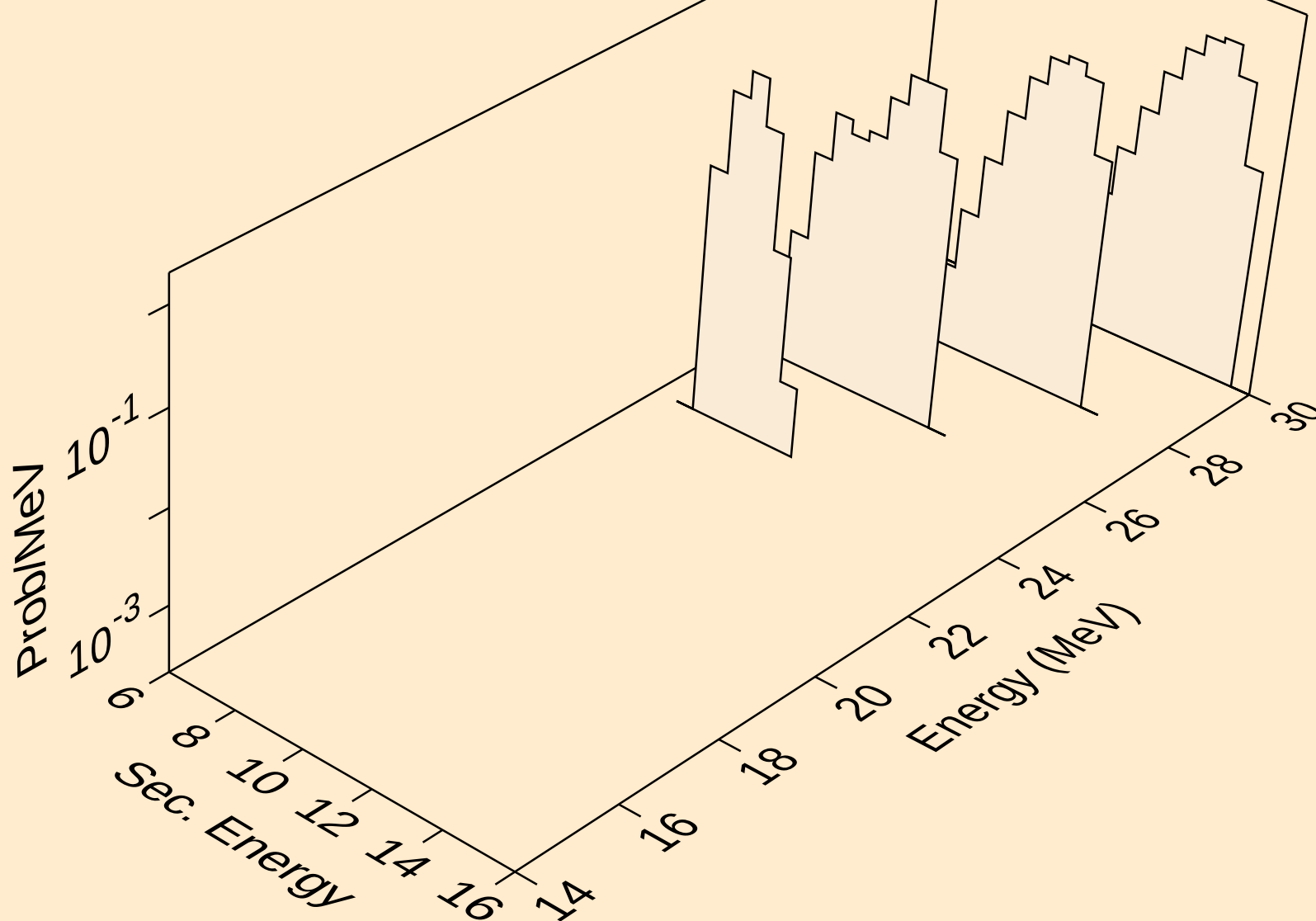
TH239 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,2n)a



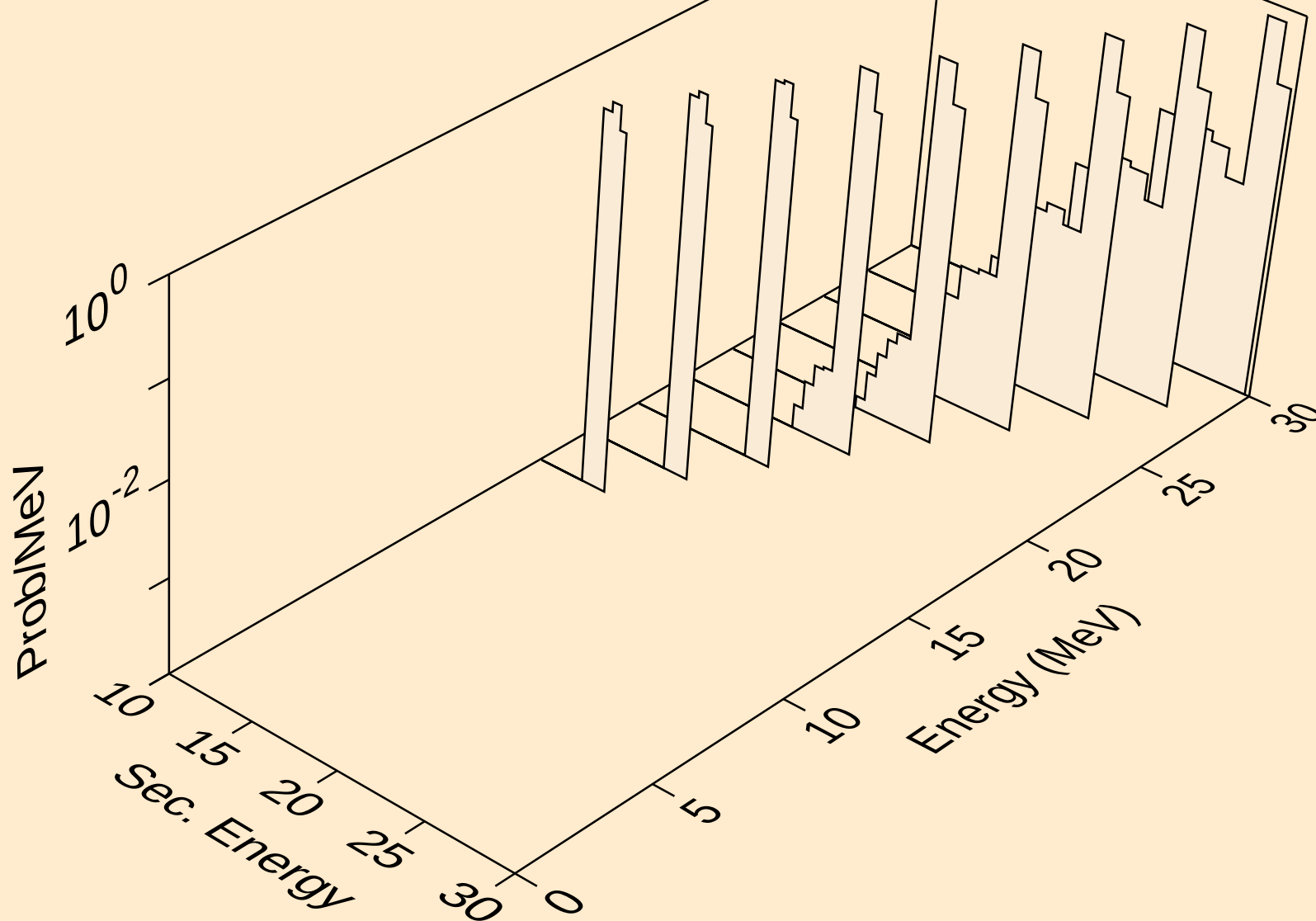
TH239 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,3n)a

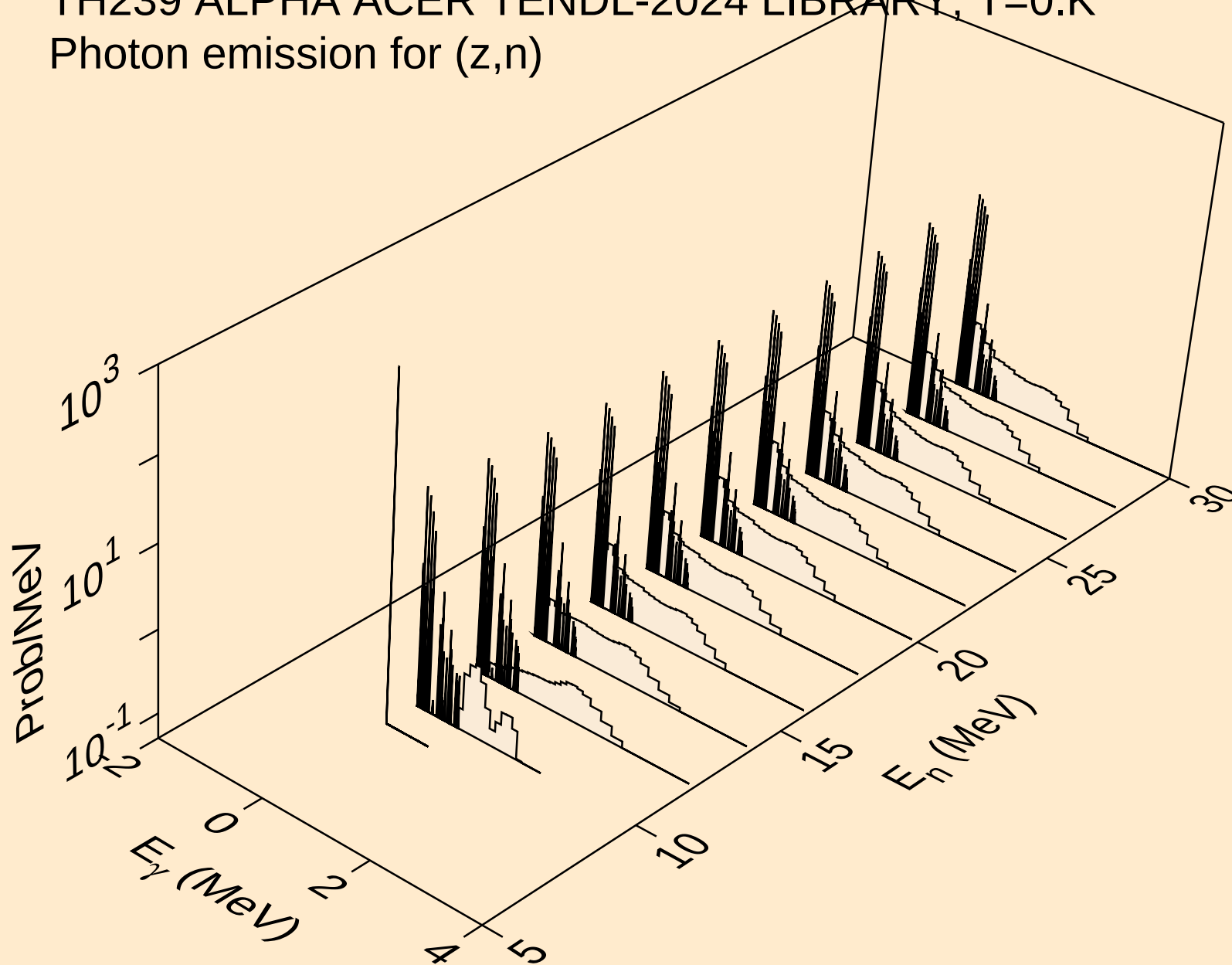


TH239 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for inelastic

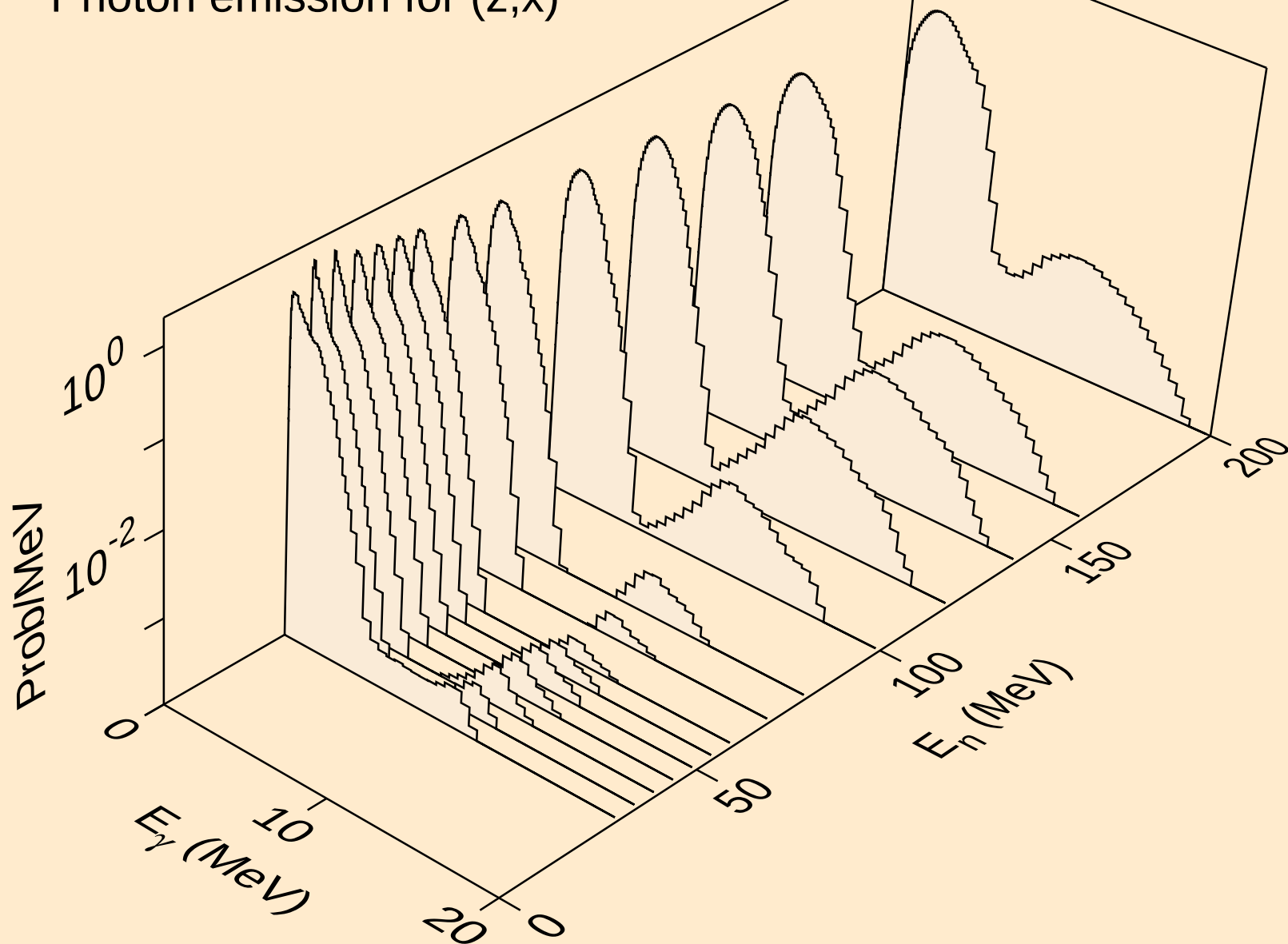


TH239 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (z,n)

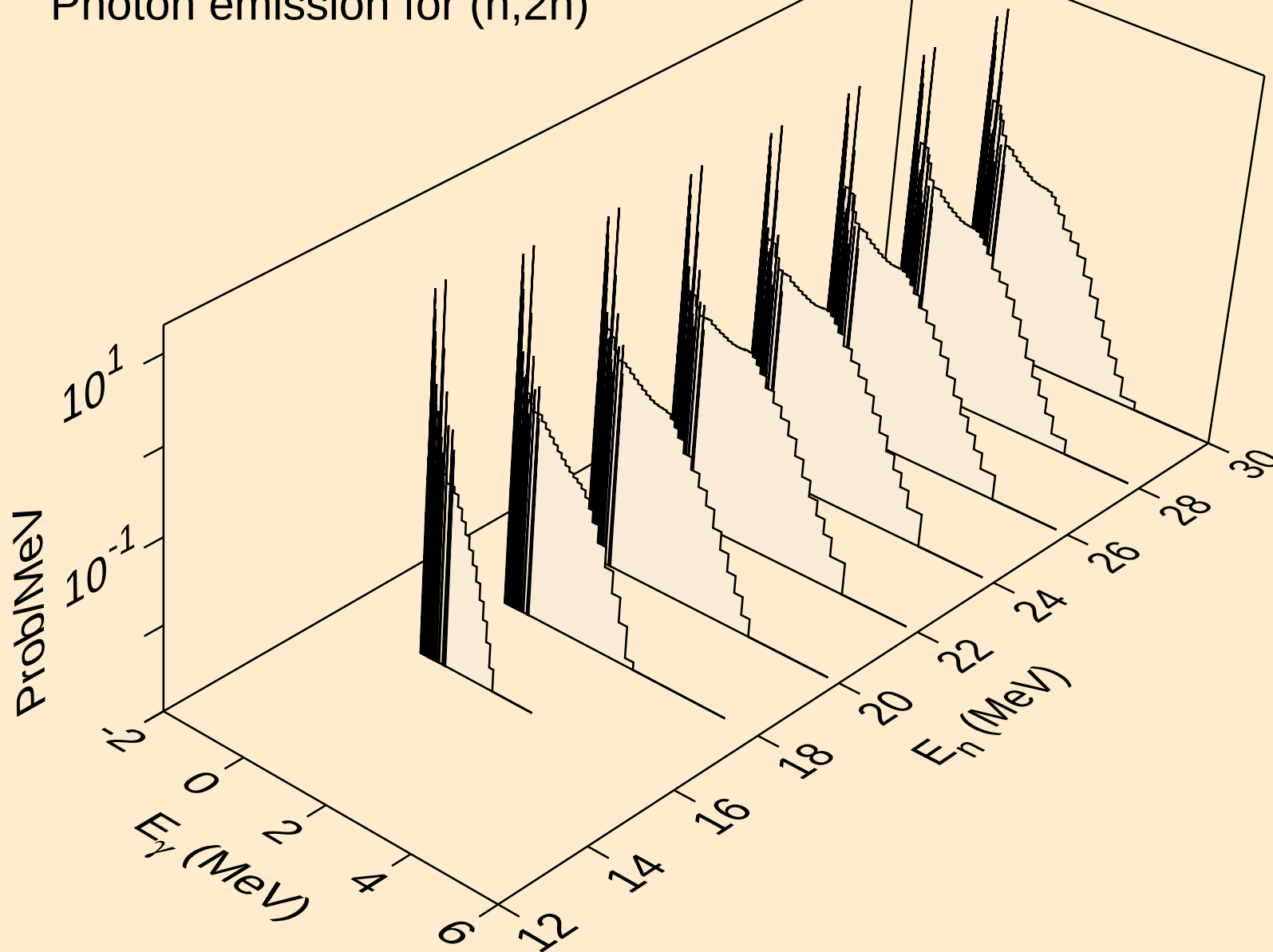


TH239 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

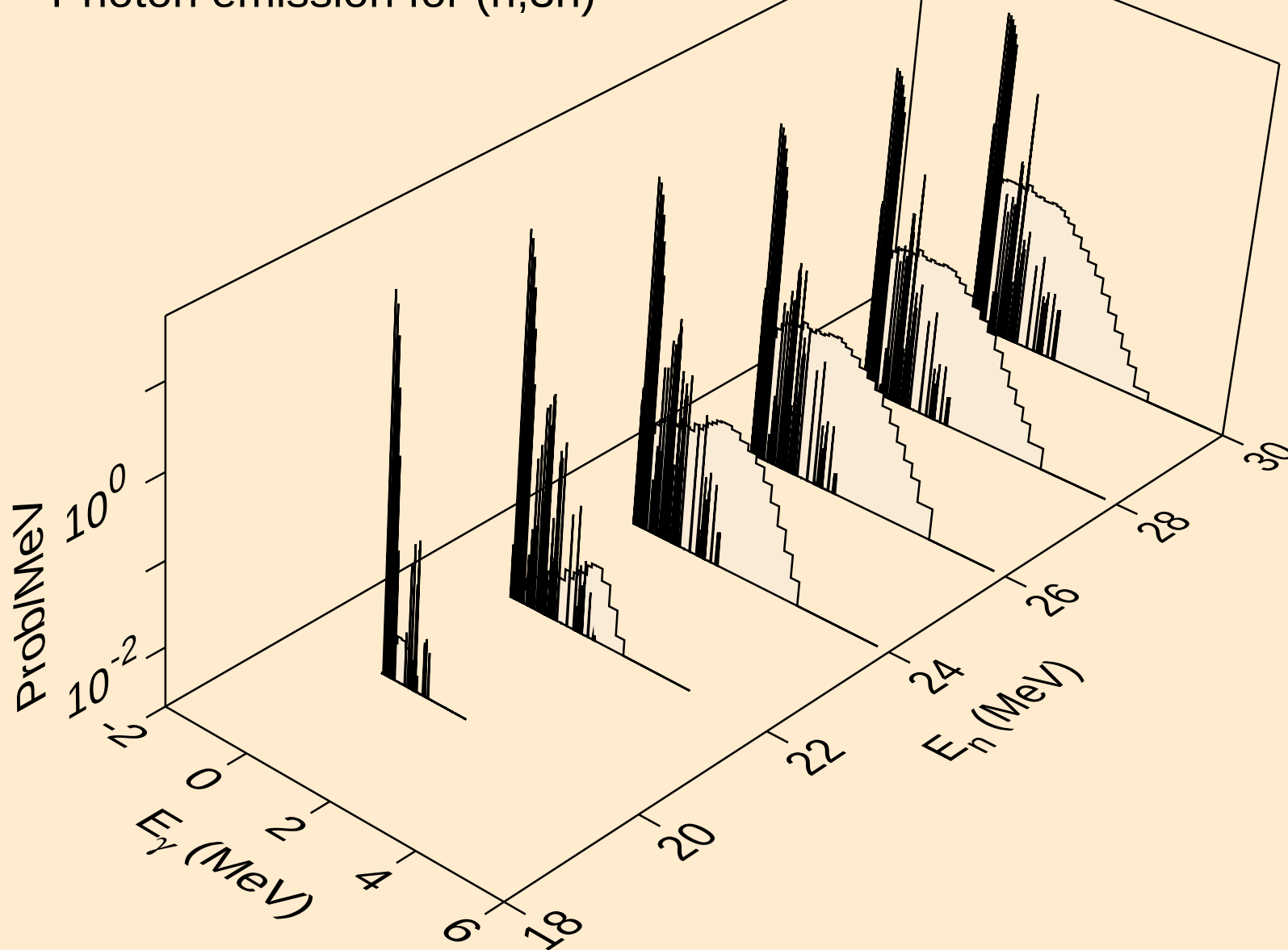
Photon emission for (z,x)



TH239 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n)

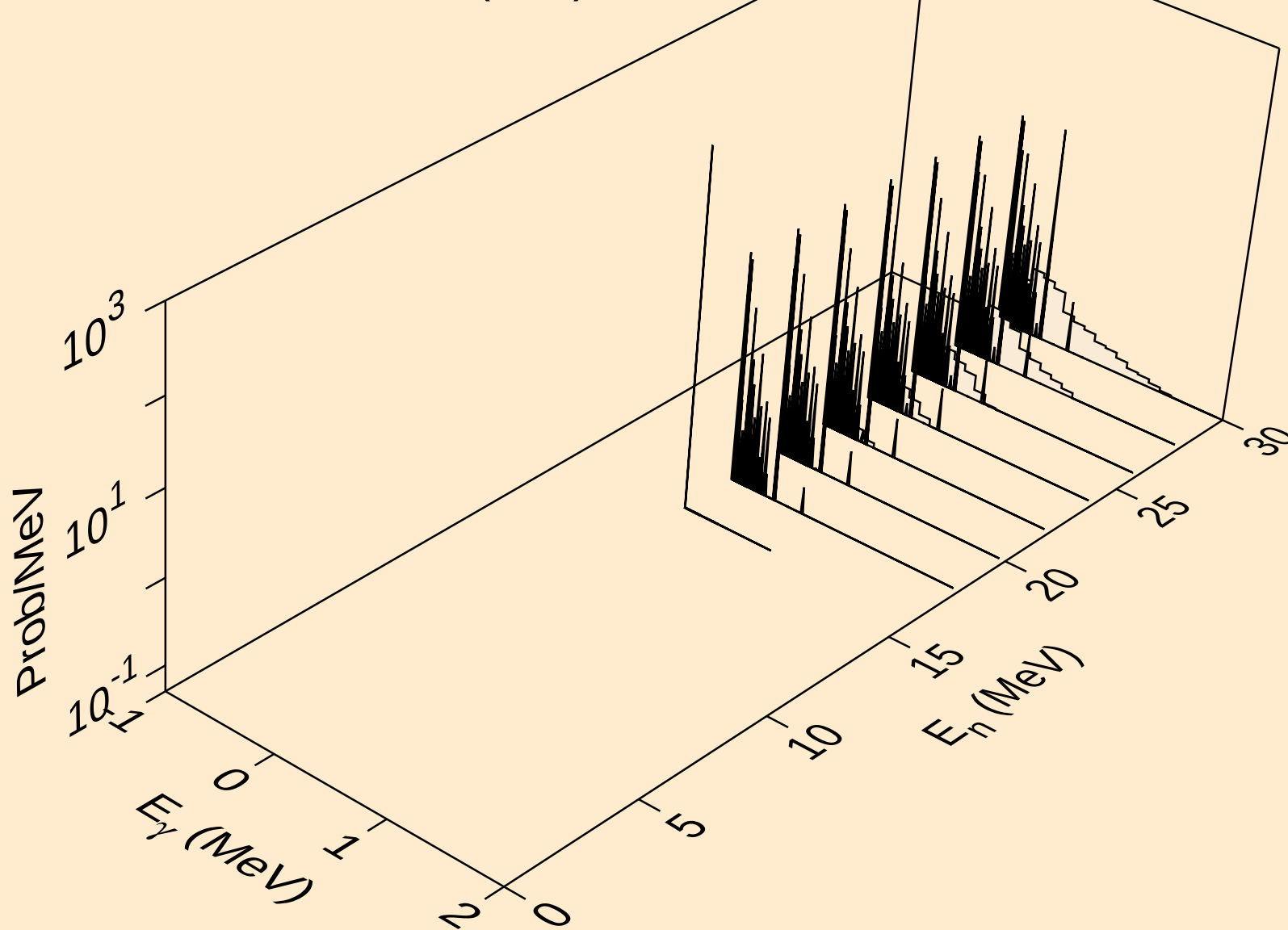


TH239 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3n)



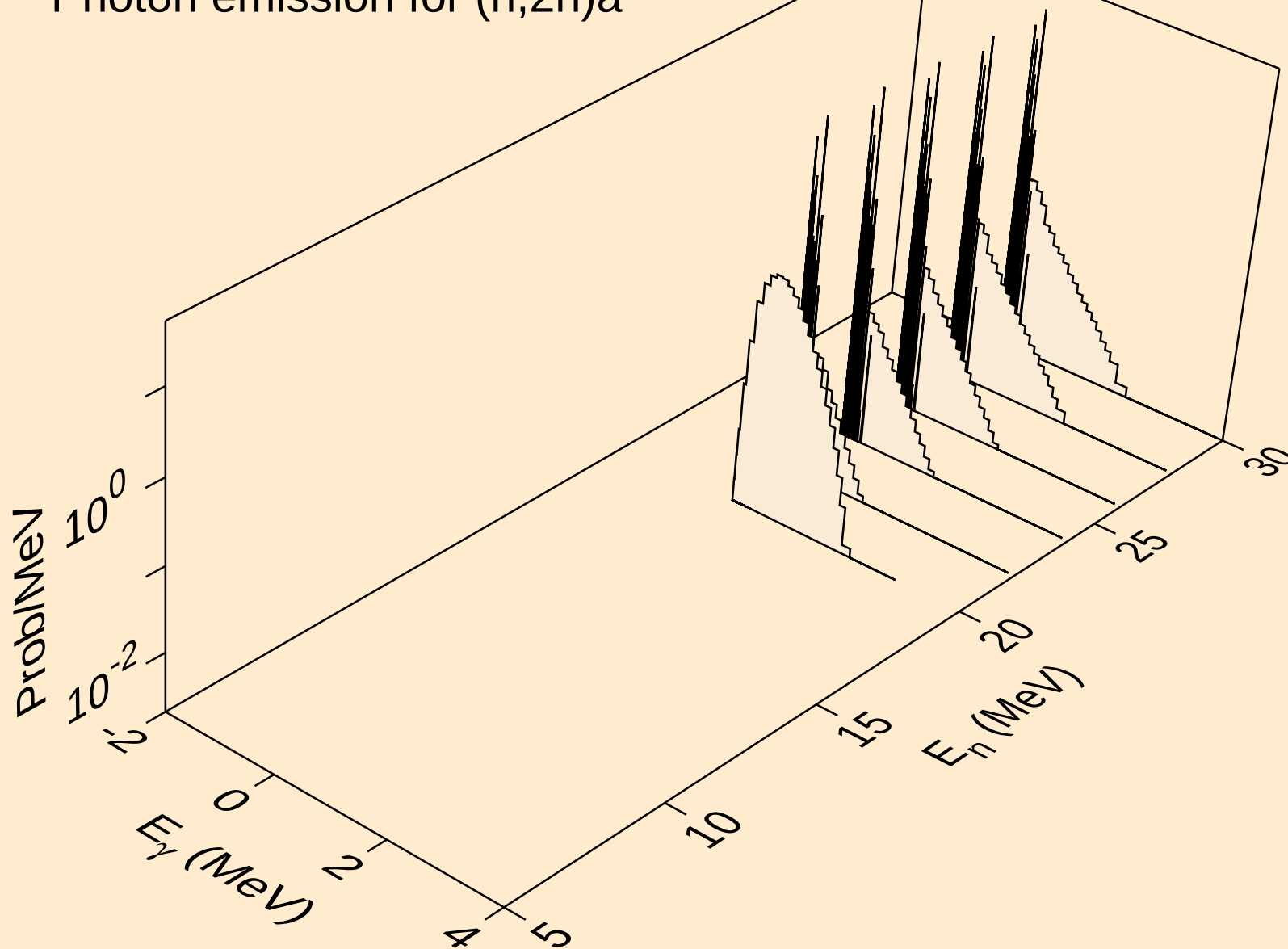
TH239 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n*)a



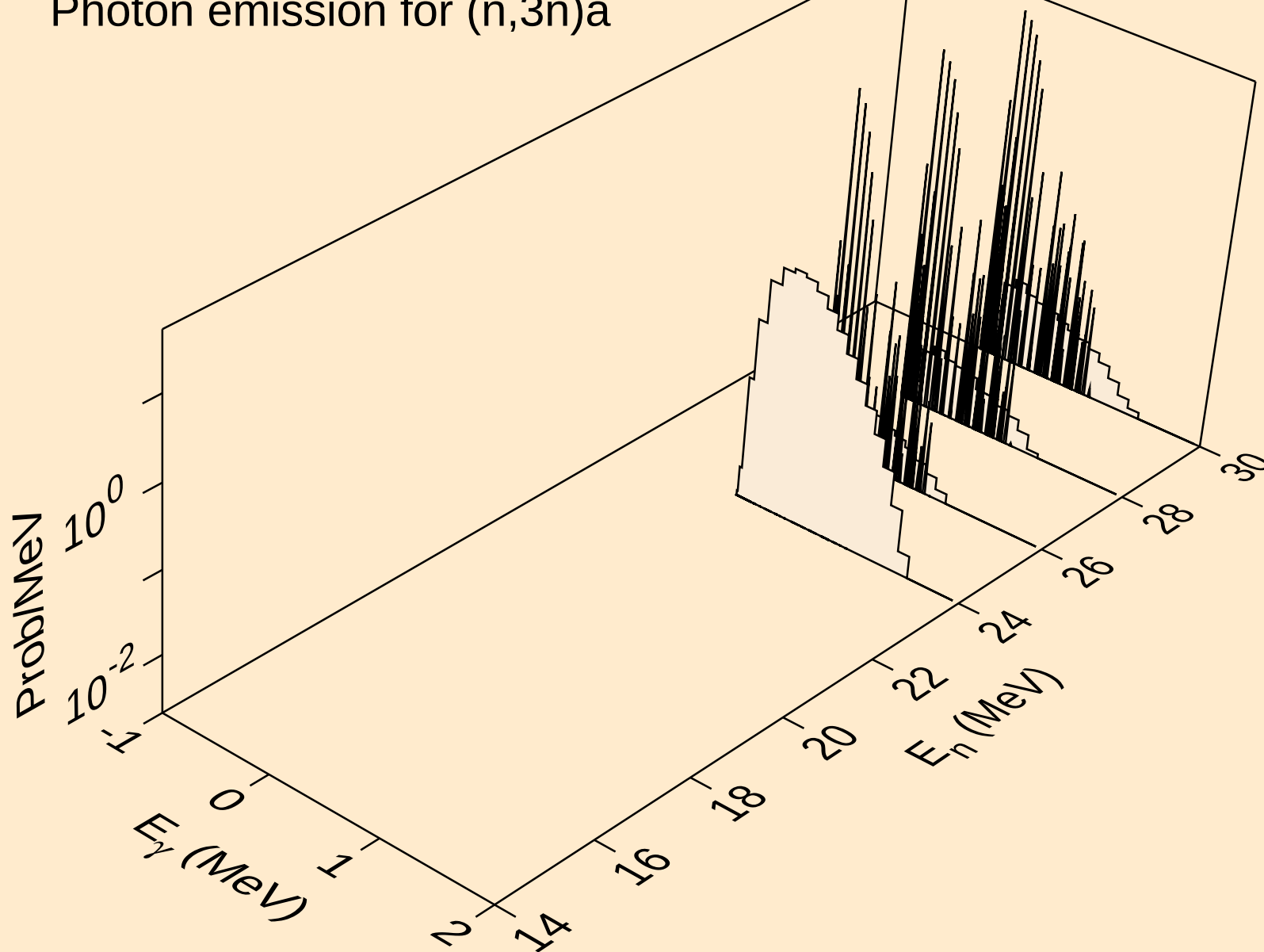
TH239 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,2n) α



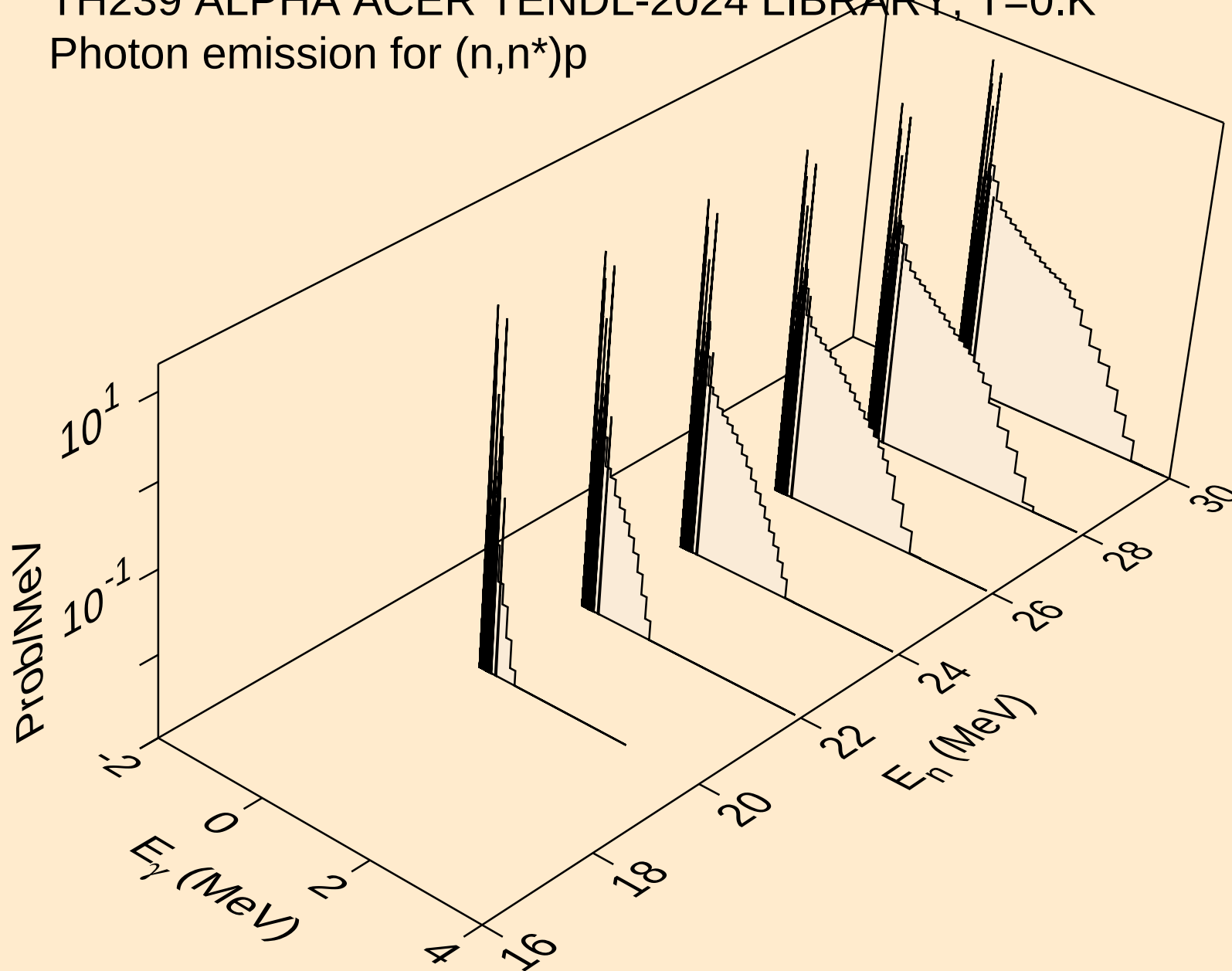
TH239 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,3n) α



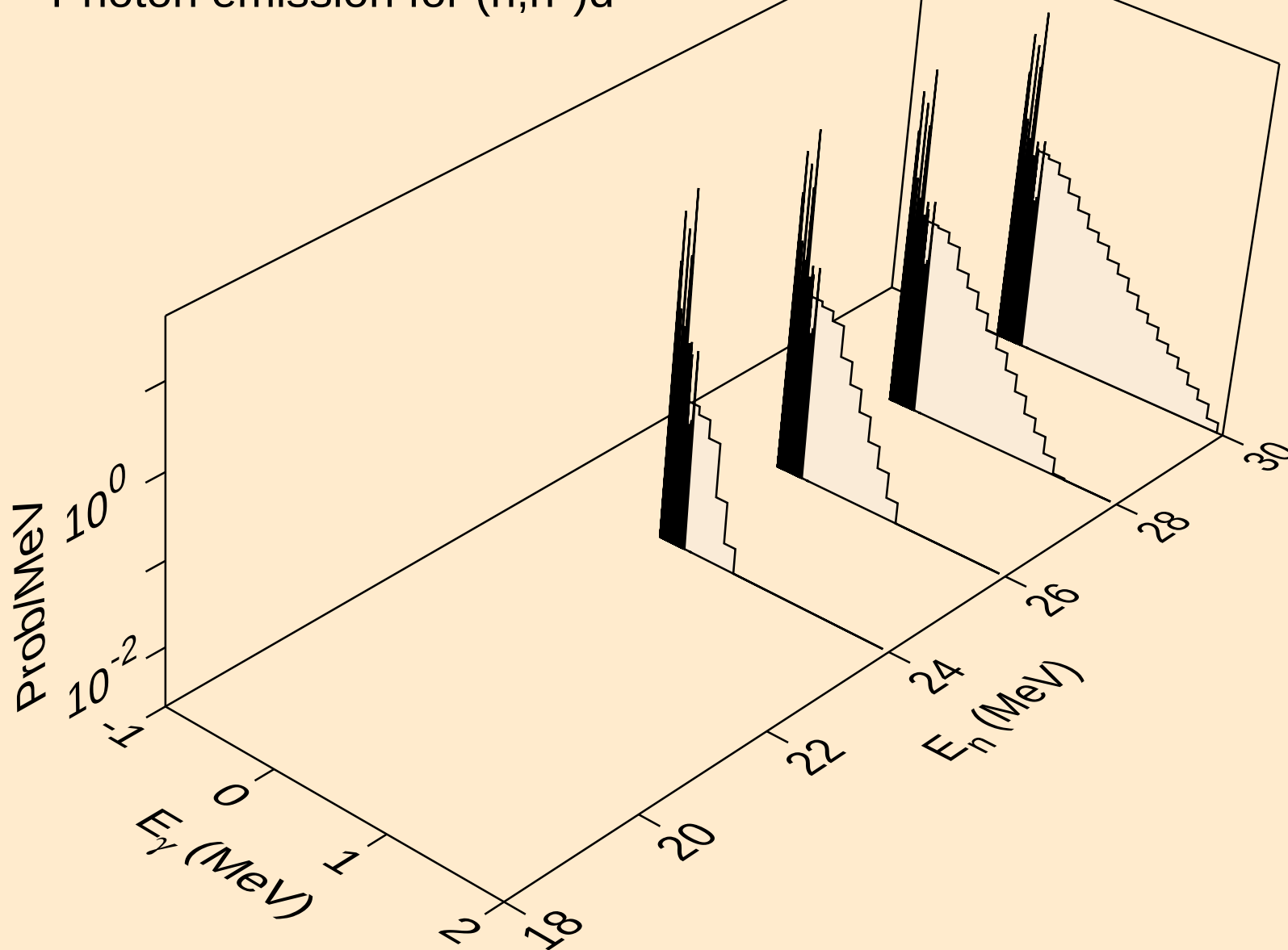
TH239 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n*)p



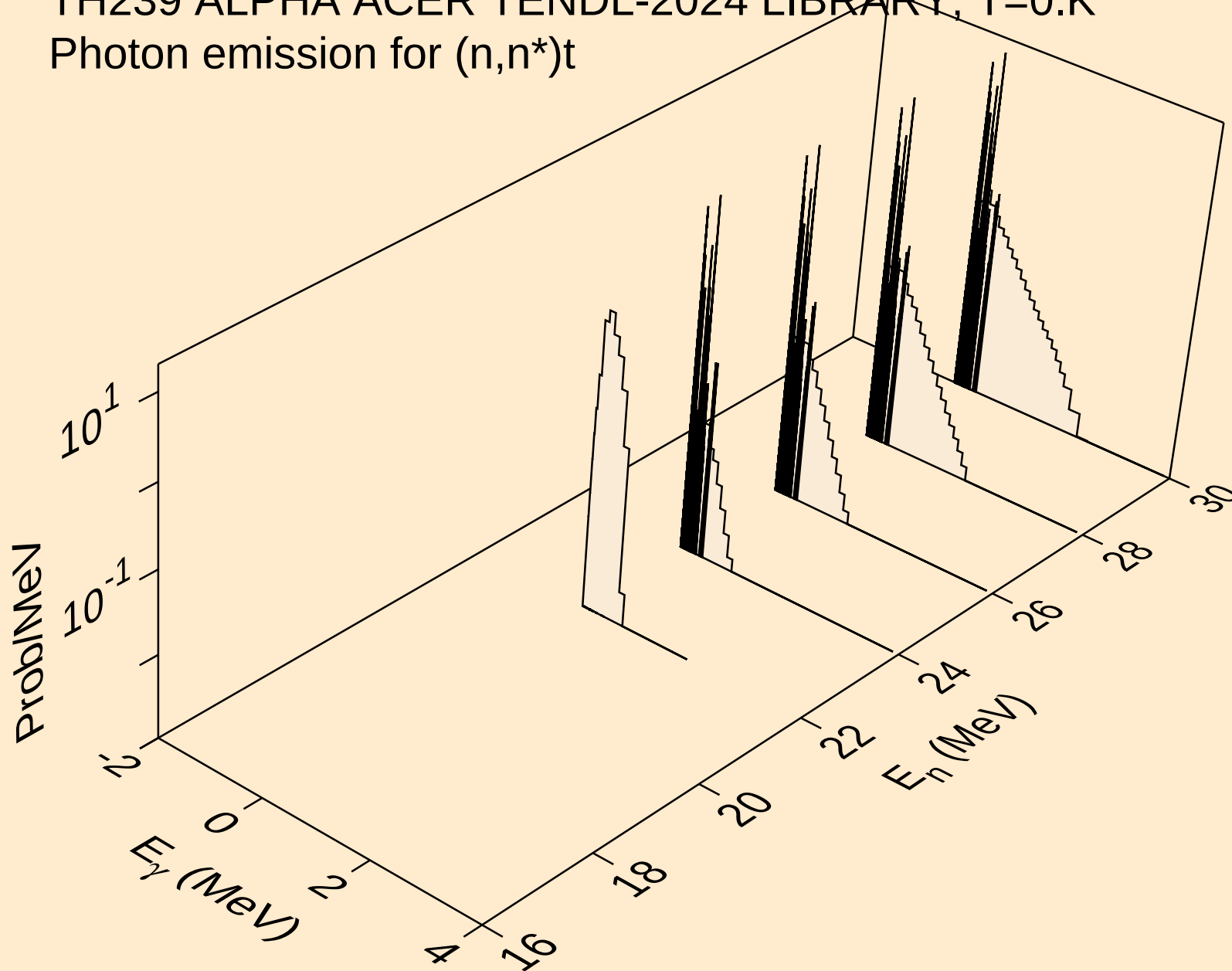
TH239 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n*)d

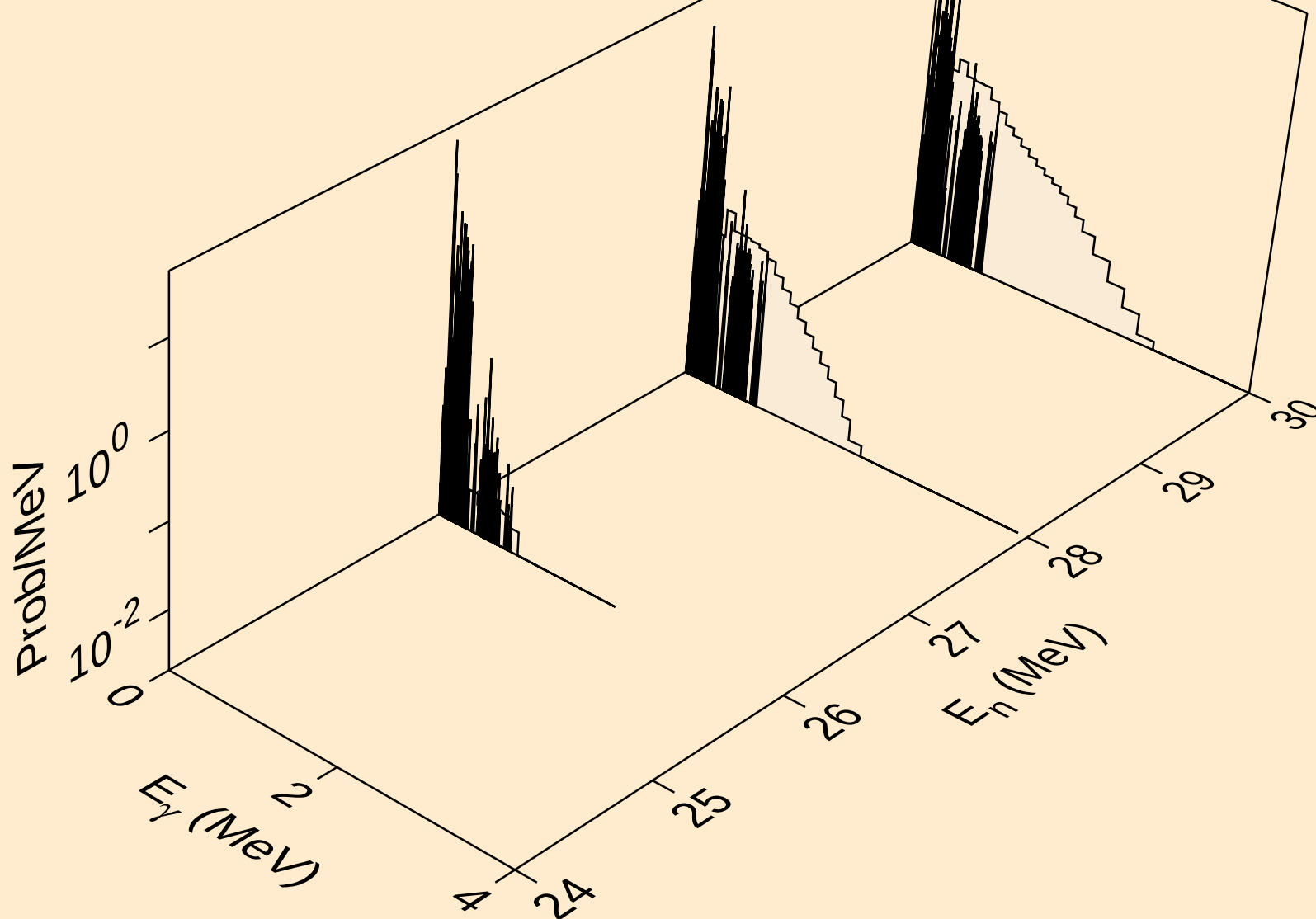


TH239 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

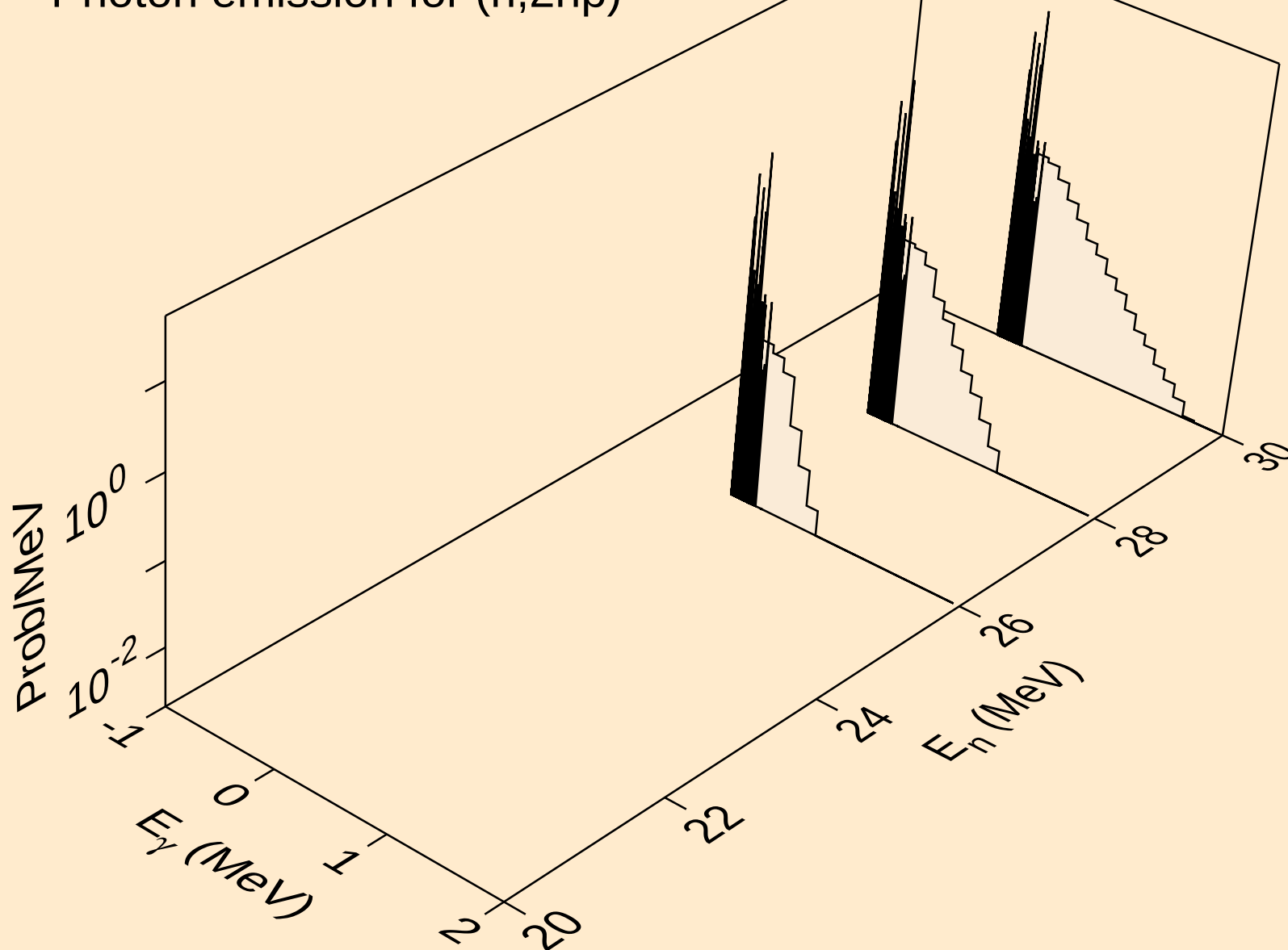
Photon emission for (n,n*)t



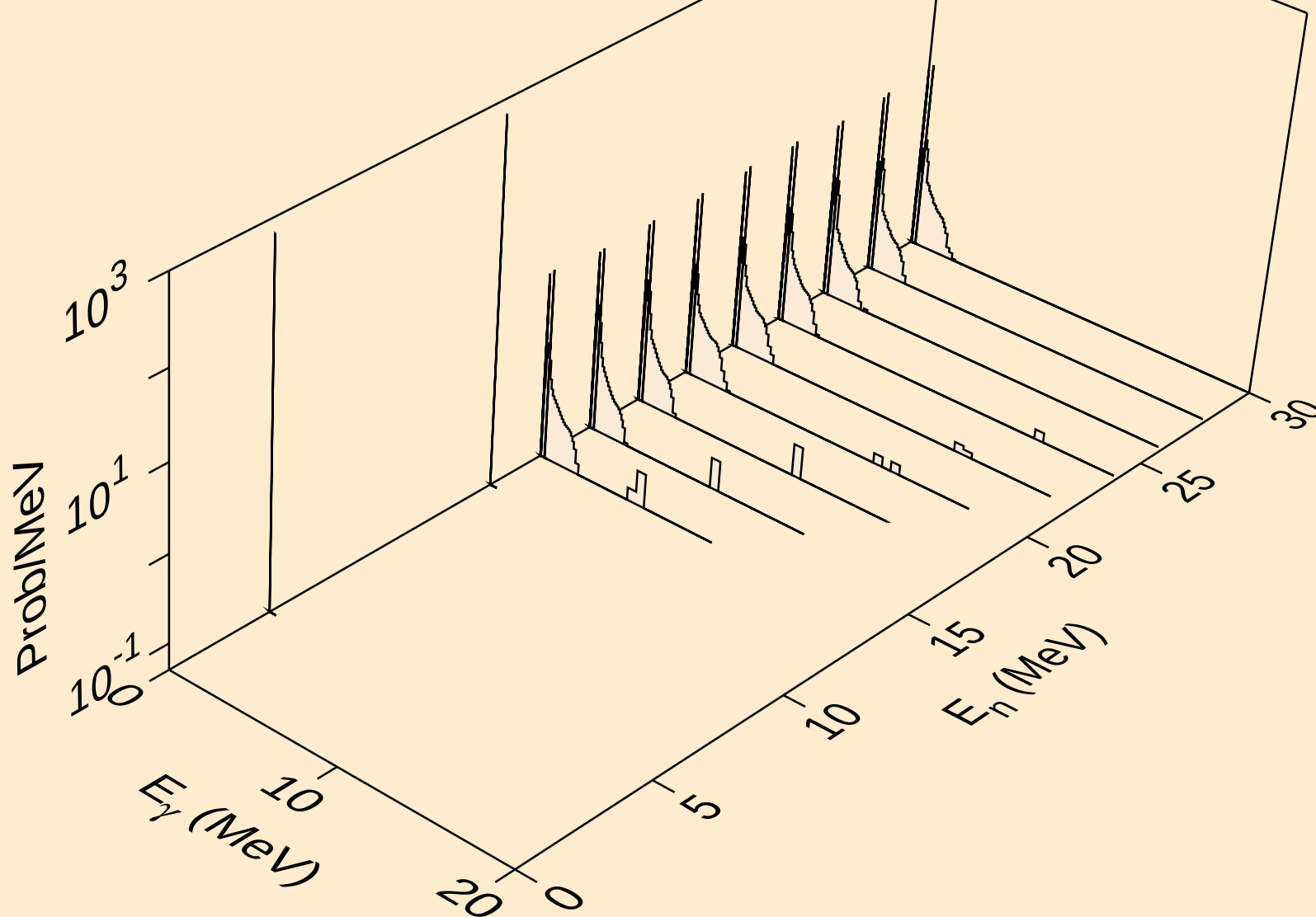
TH239 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,4n)



TH239 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2np)

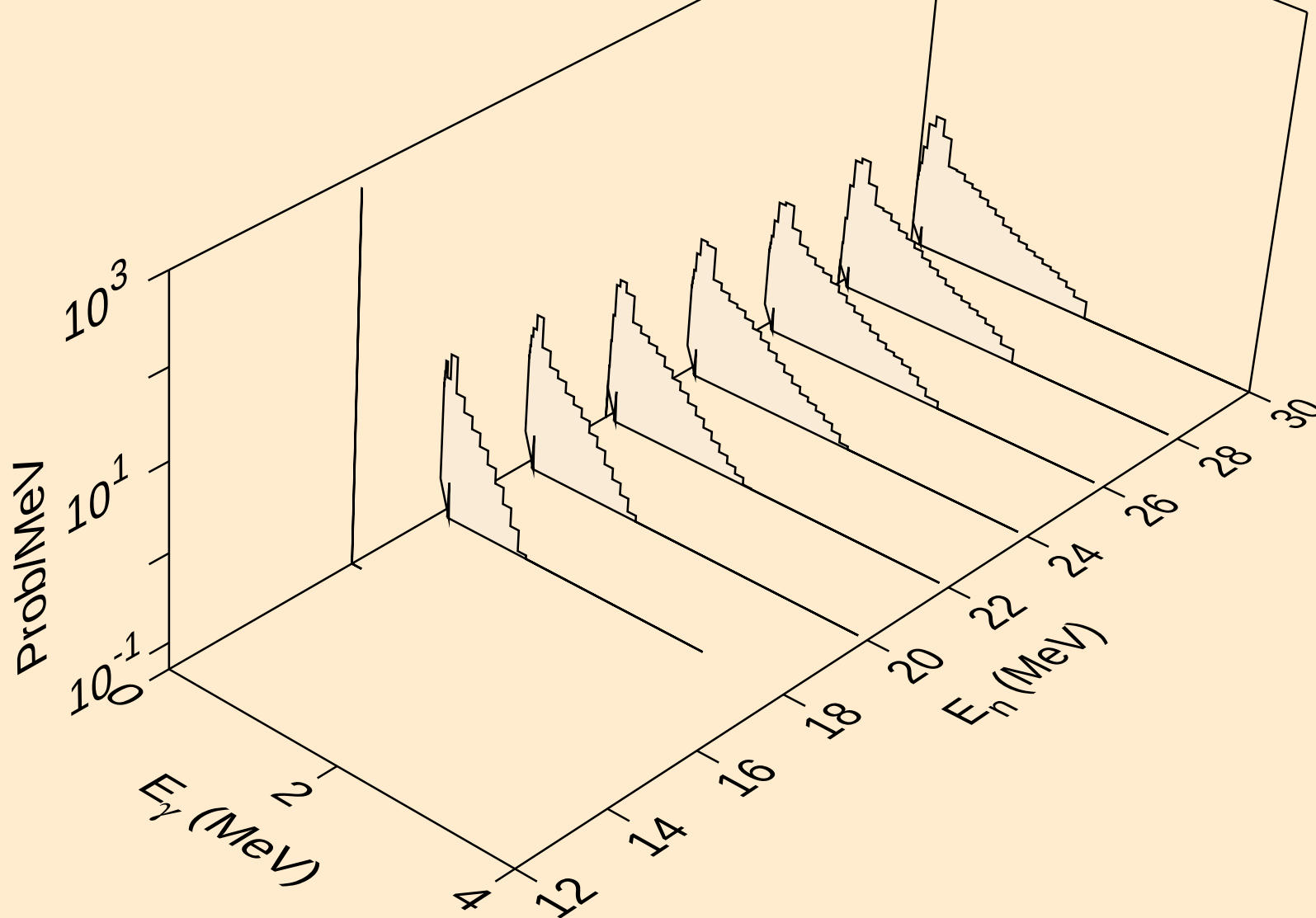


TH239 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,gma)



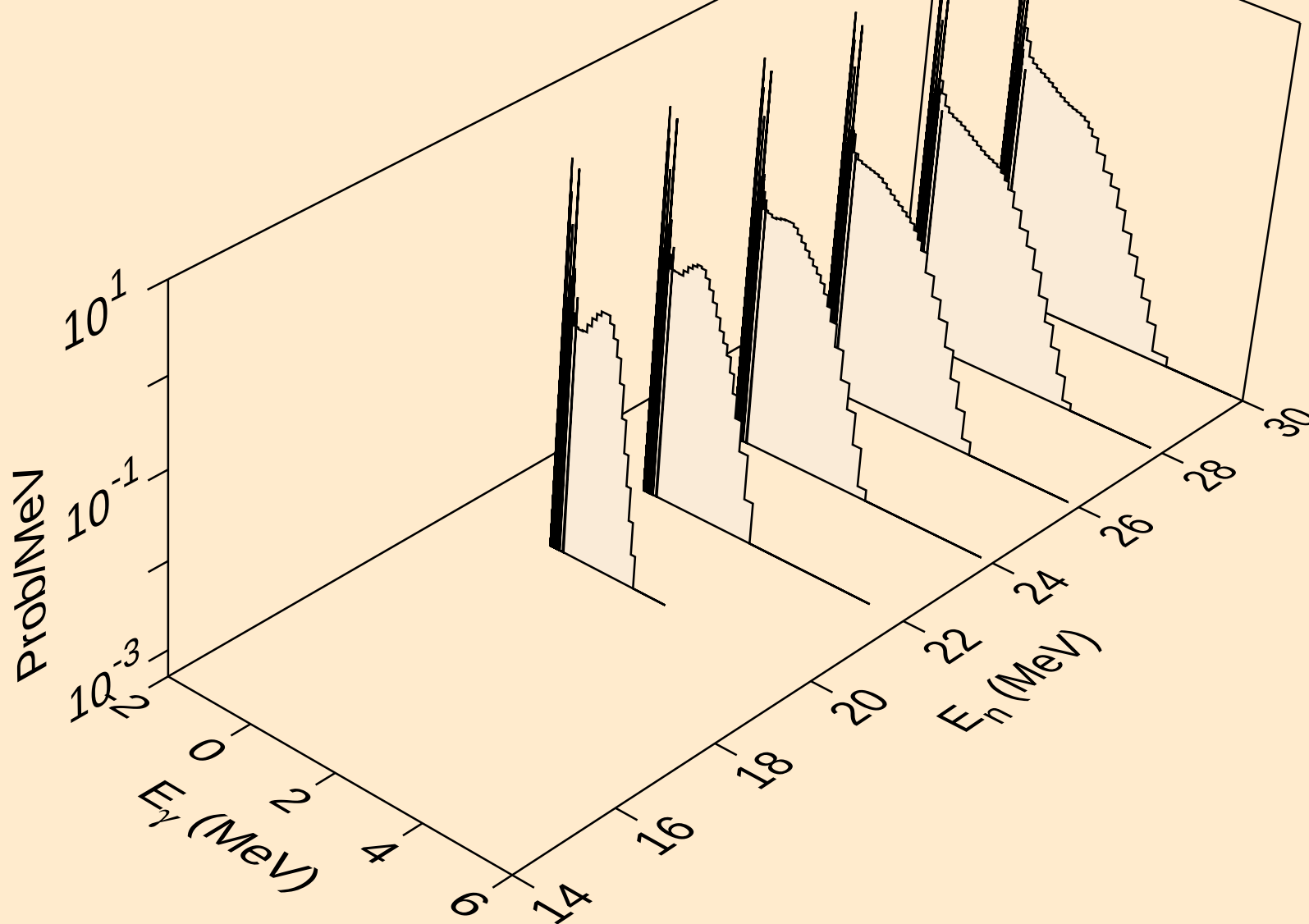
TH239 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,p)



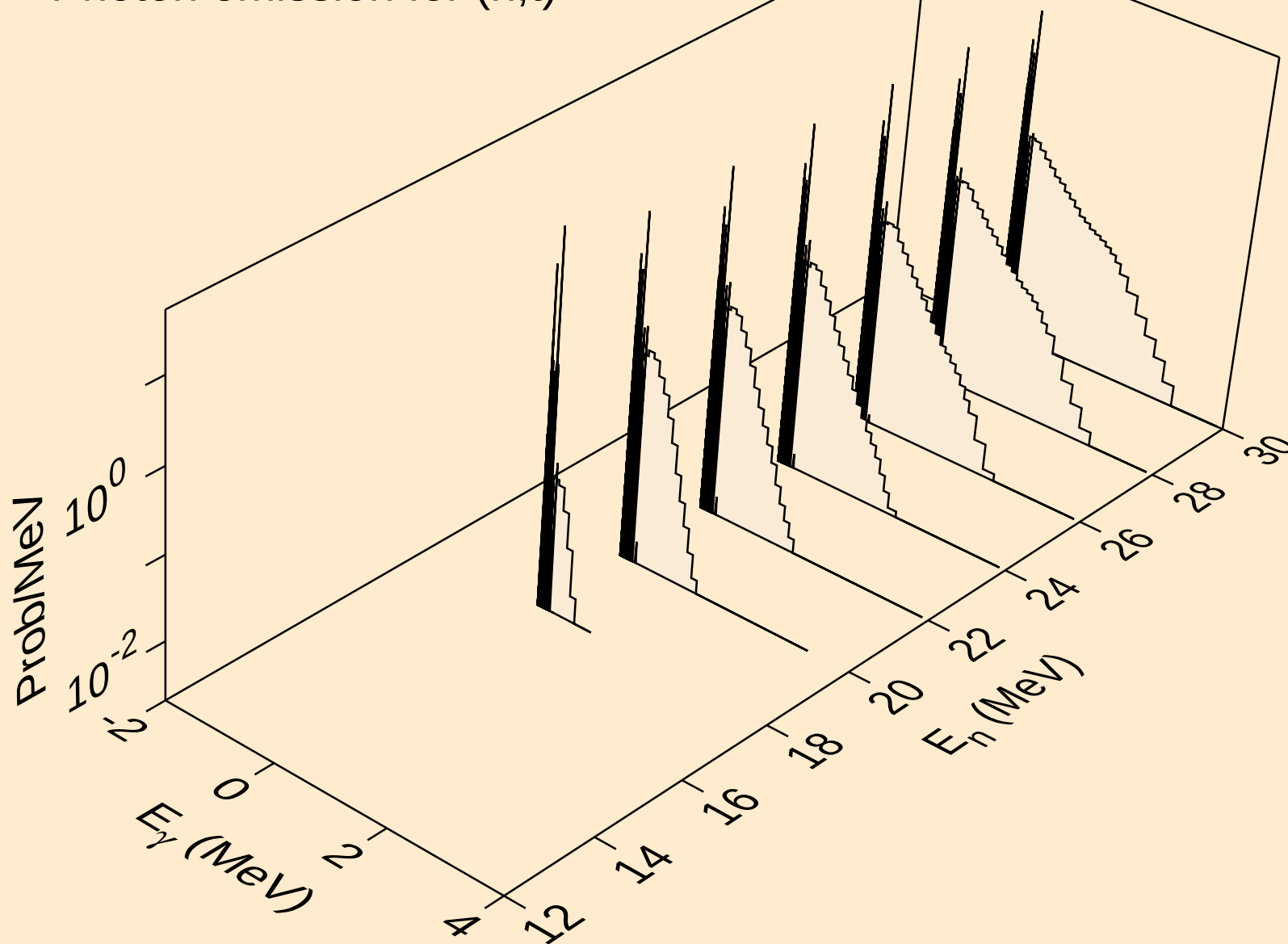
TH239 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,d)

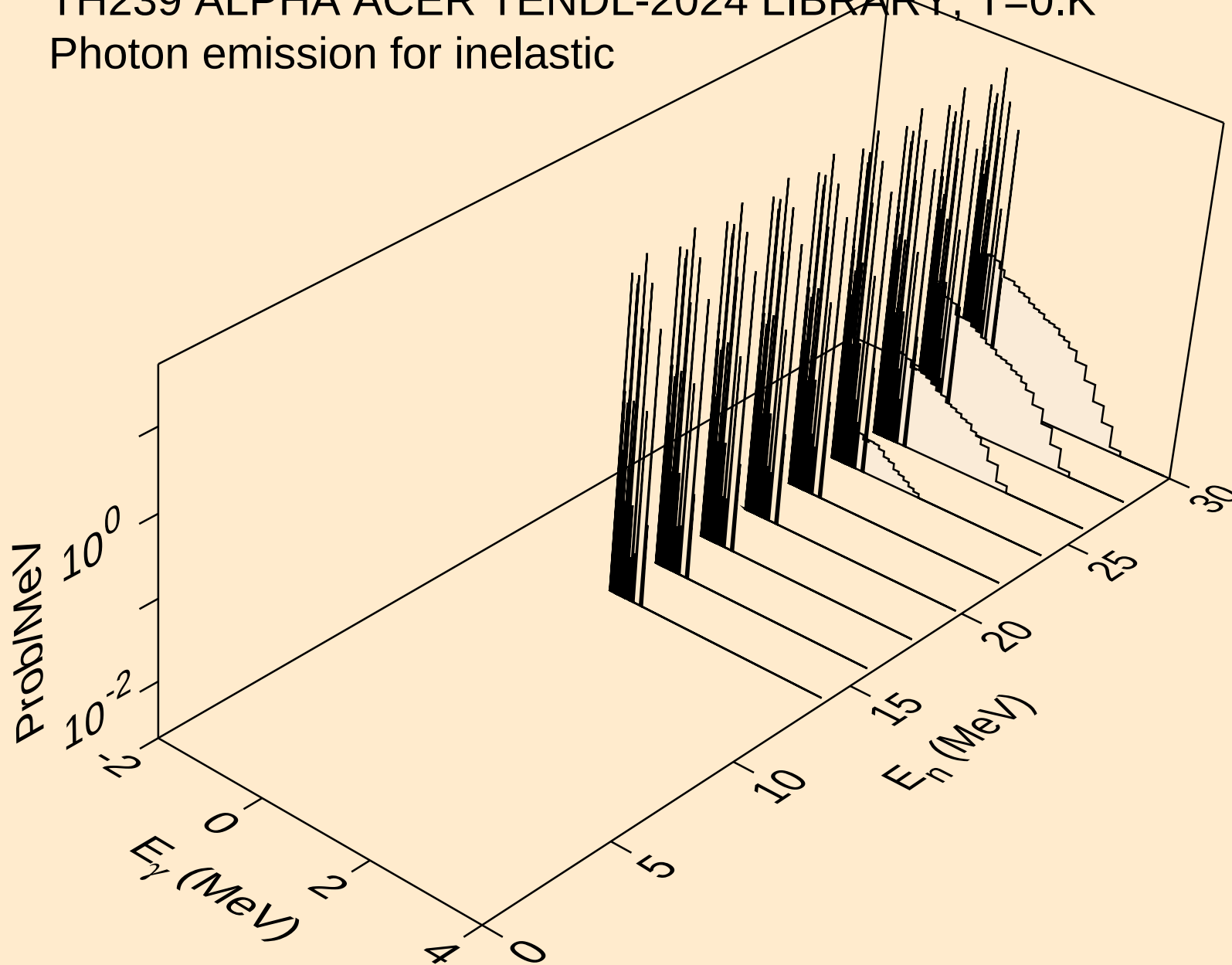


TH239 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,t)

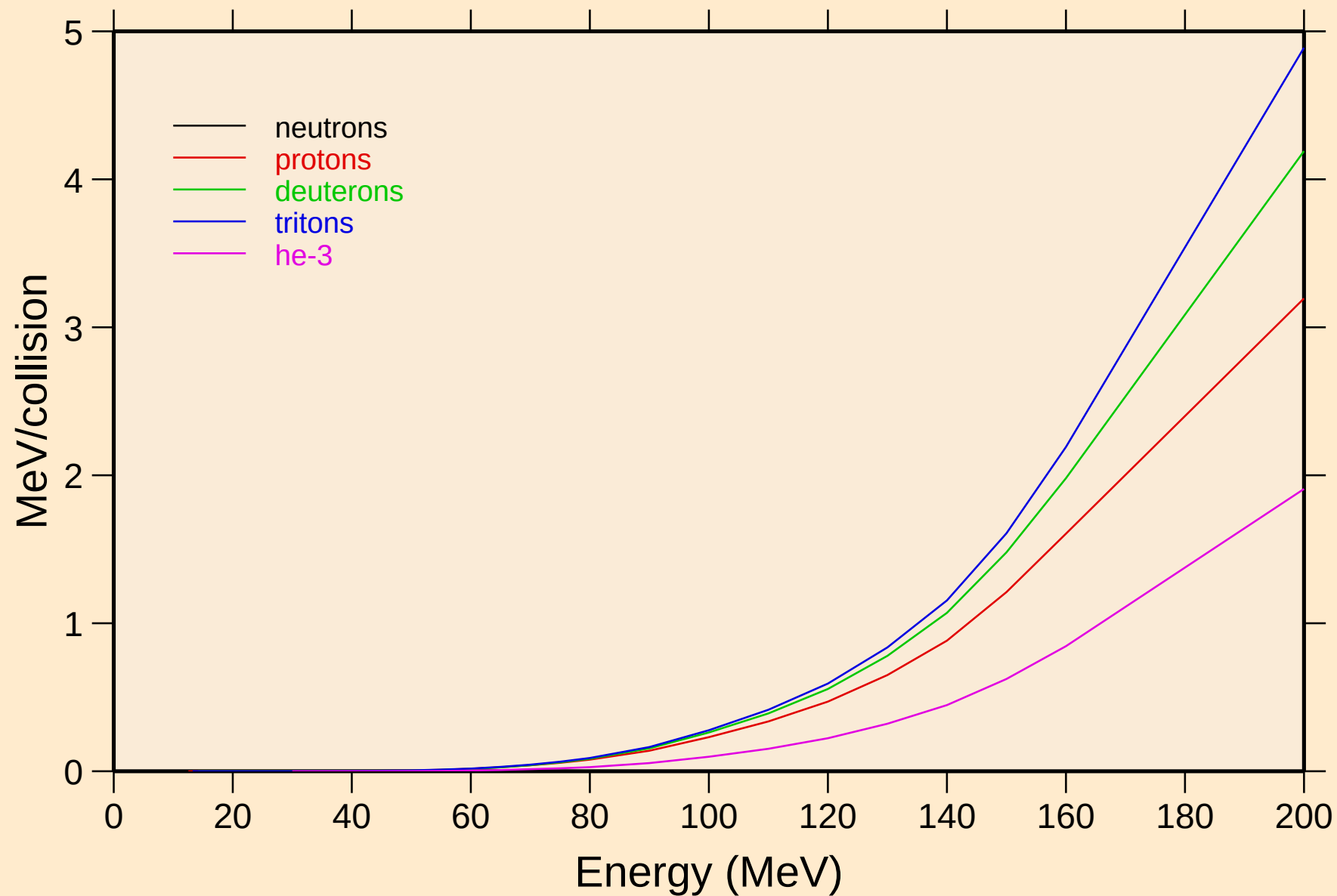


TH239 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for inelastic



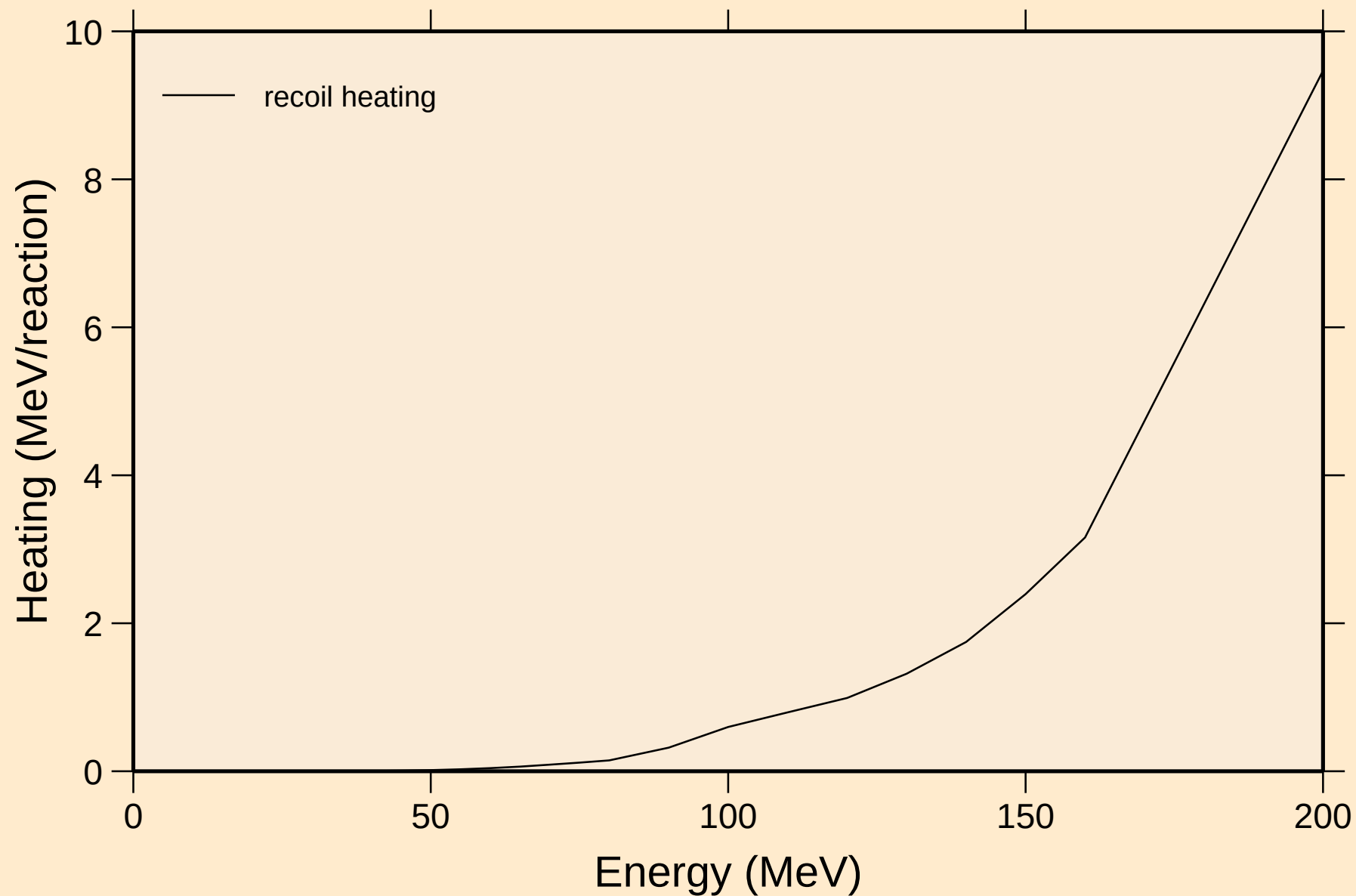
TH239 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Particle heating contributions



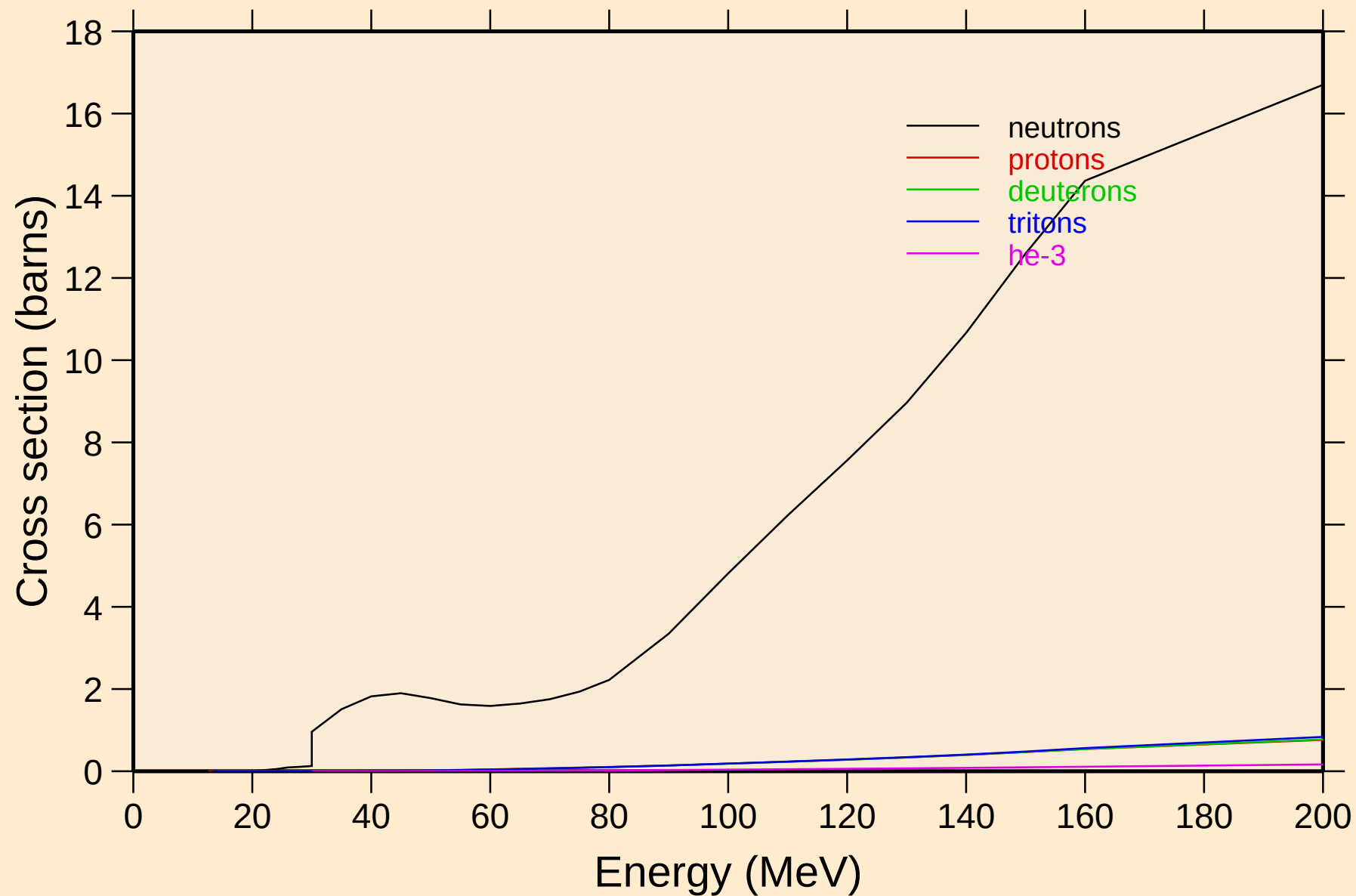
TH239 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Recoil Heating

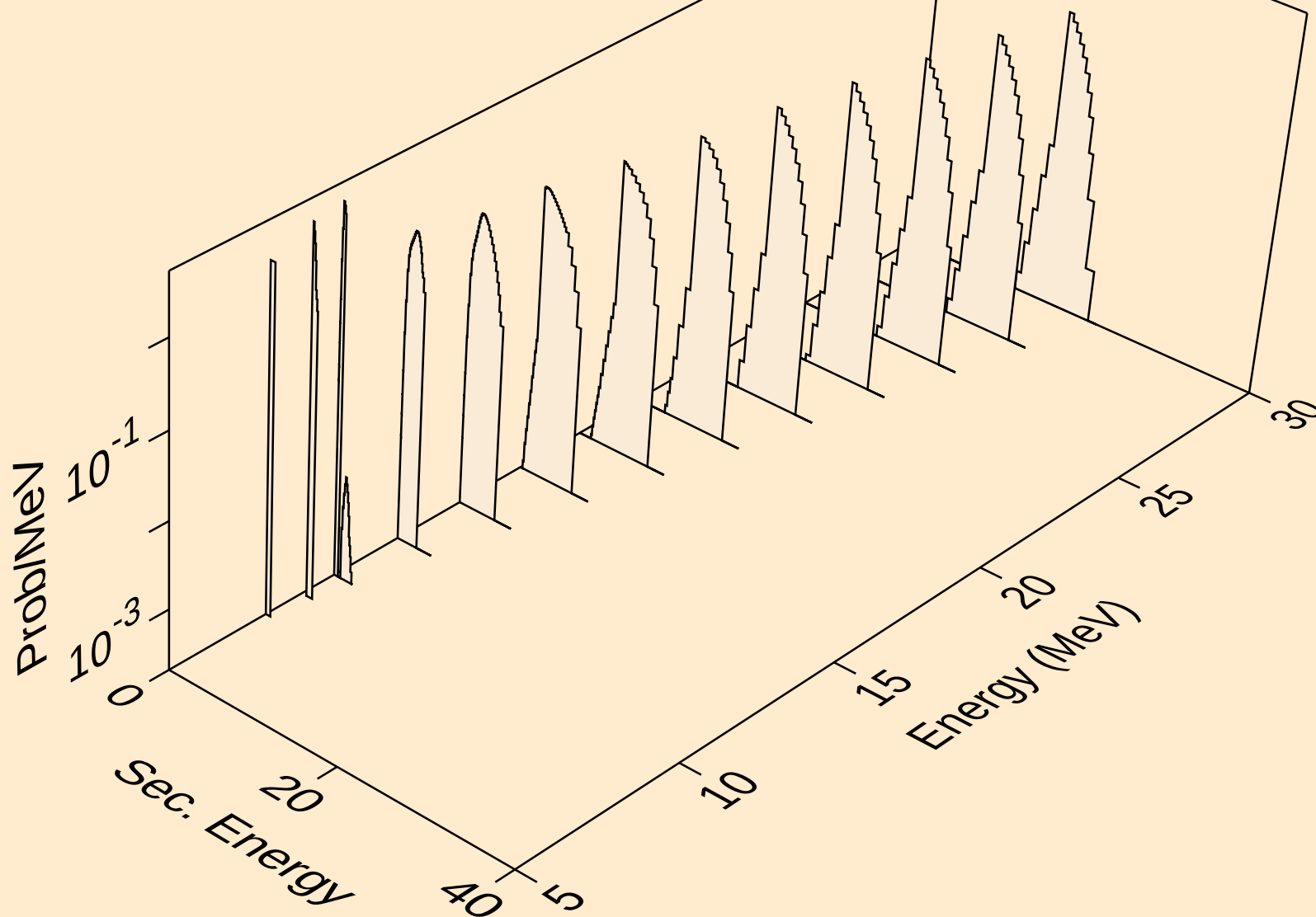


TH239 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

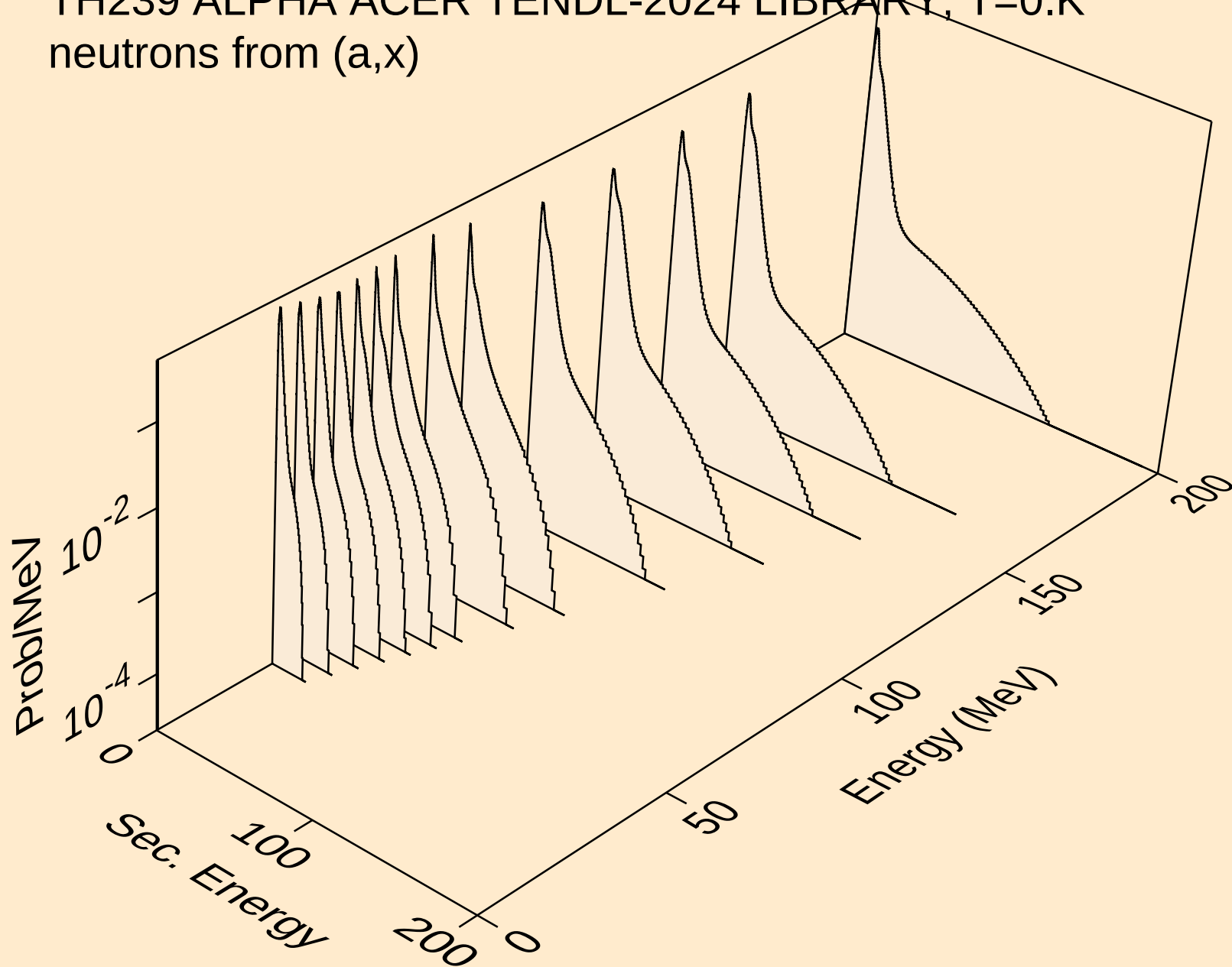
Particle production cross sections



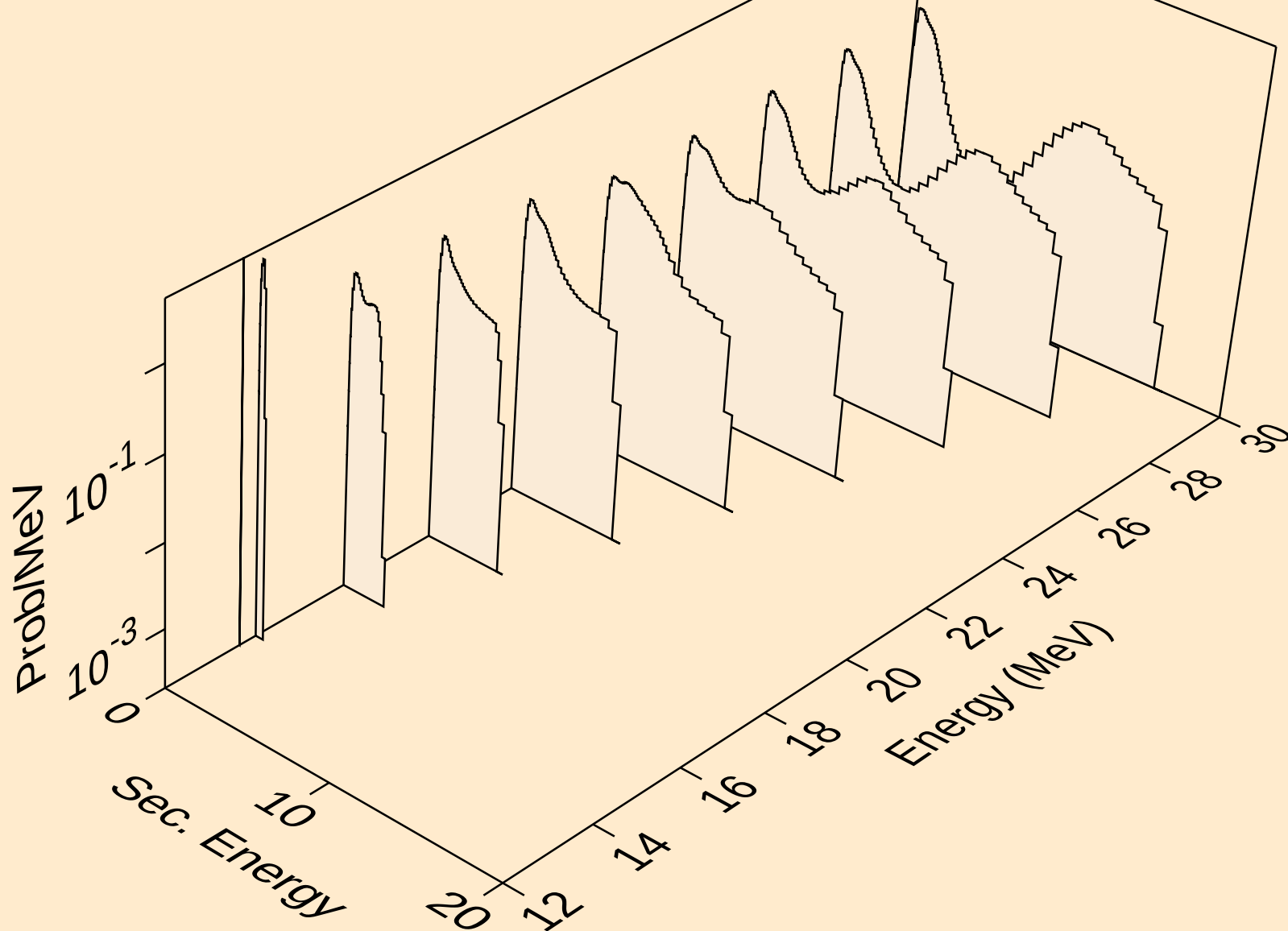
TH239 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,n)



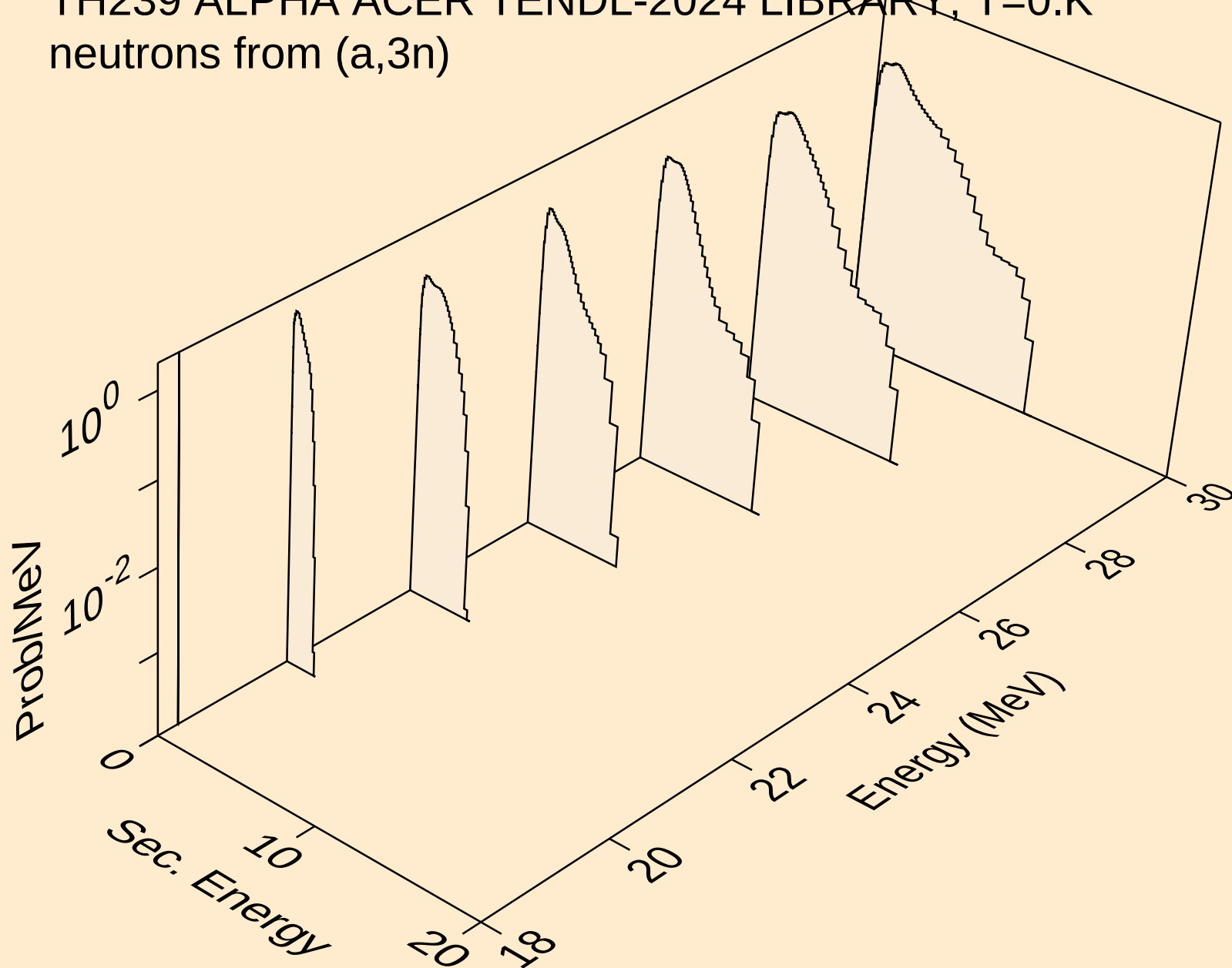
TH239 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,x)



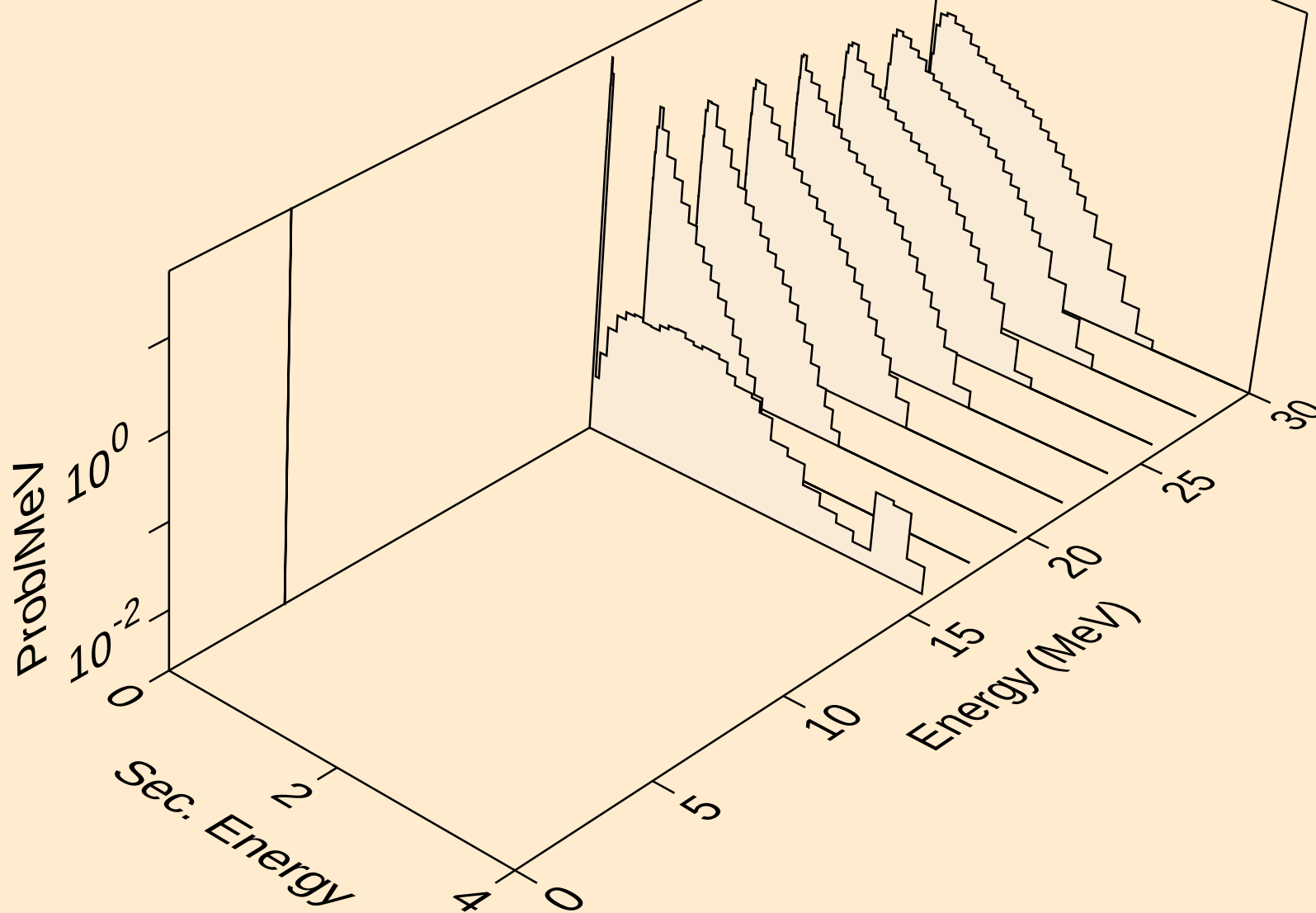
TH239 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,2n)



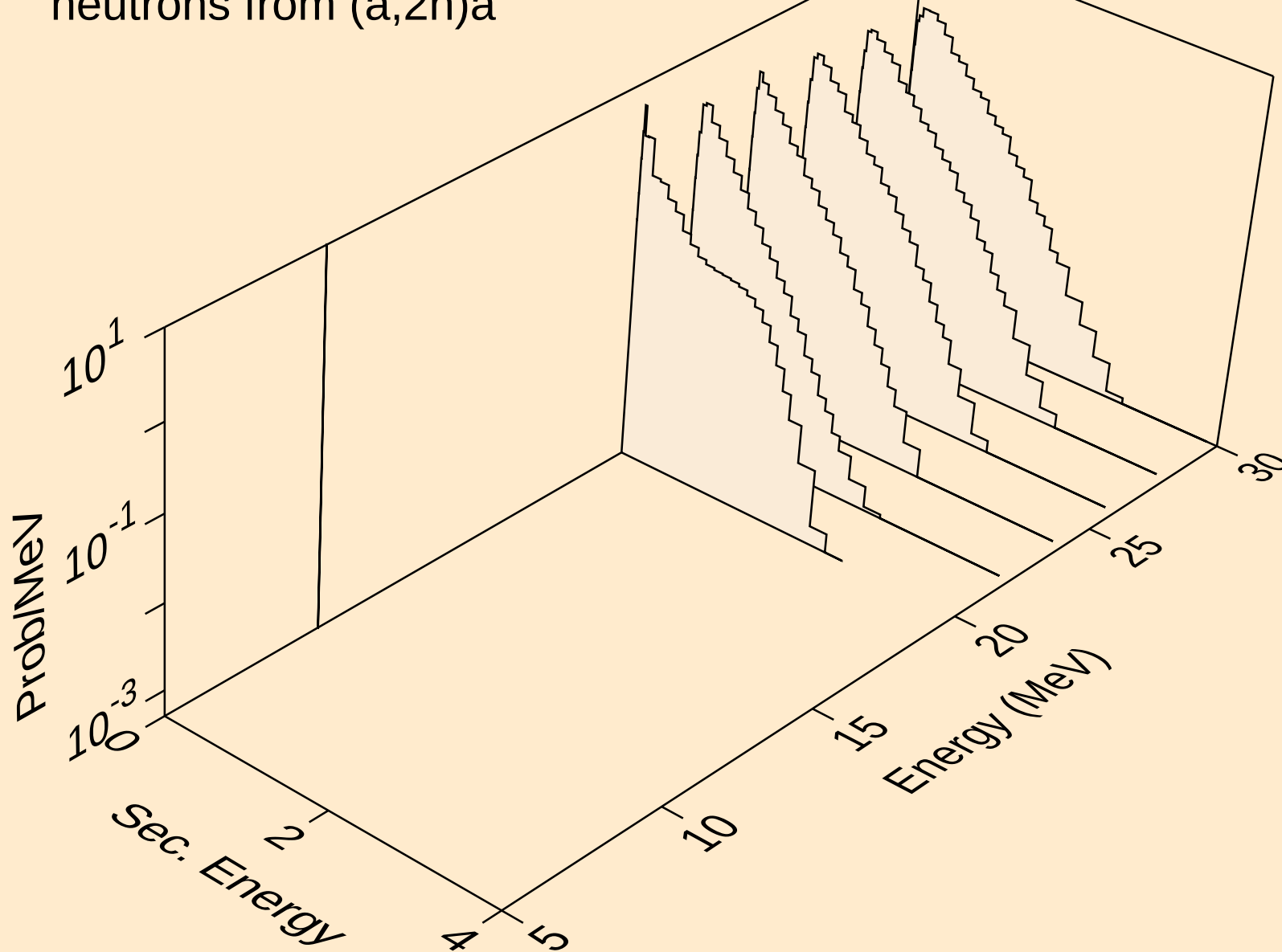
TH239 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,3n)



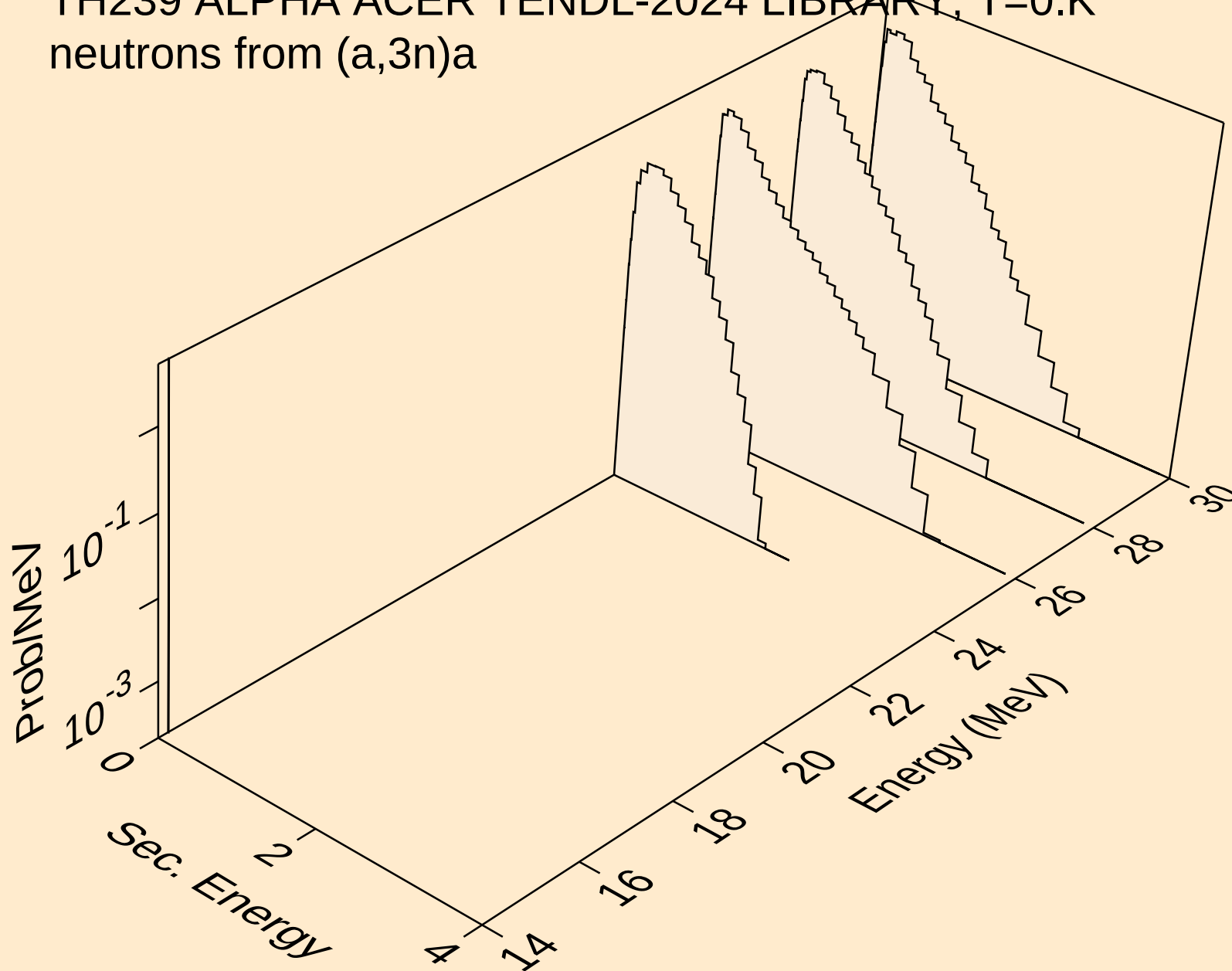
TH239 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,n*)a



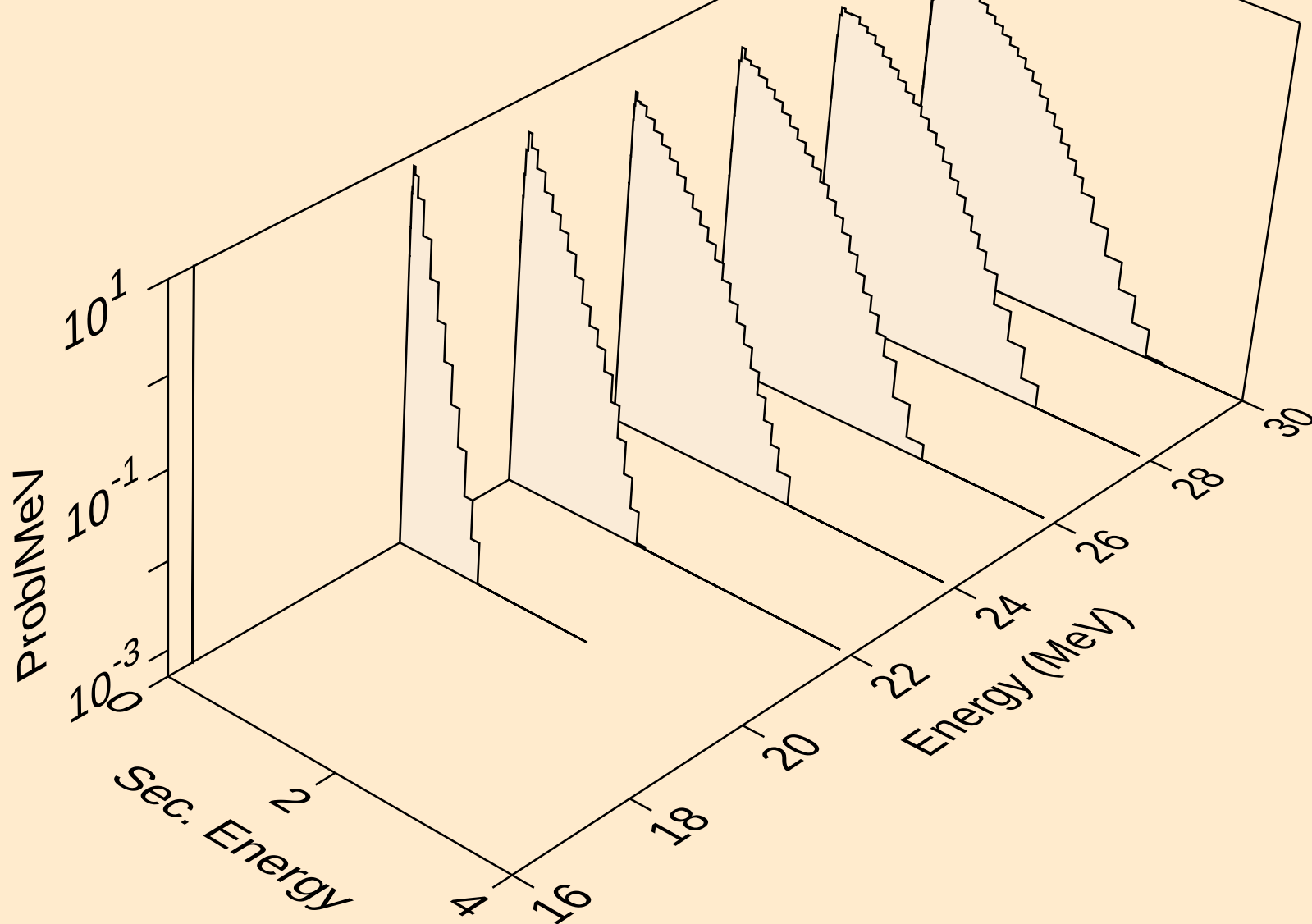
TH239 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,2n)a



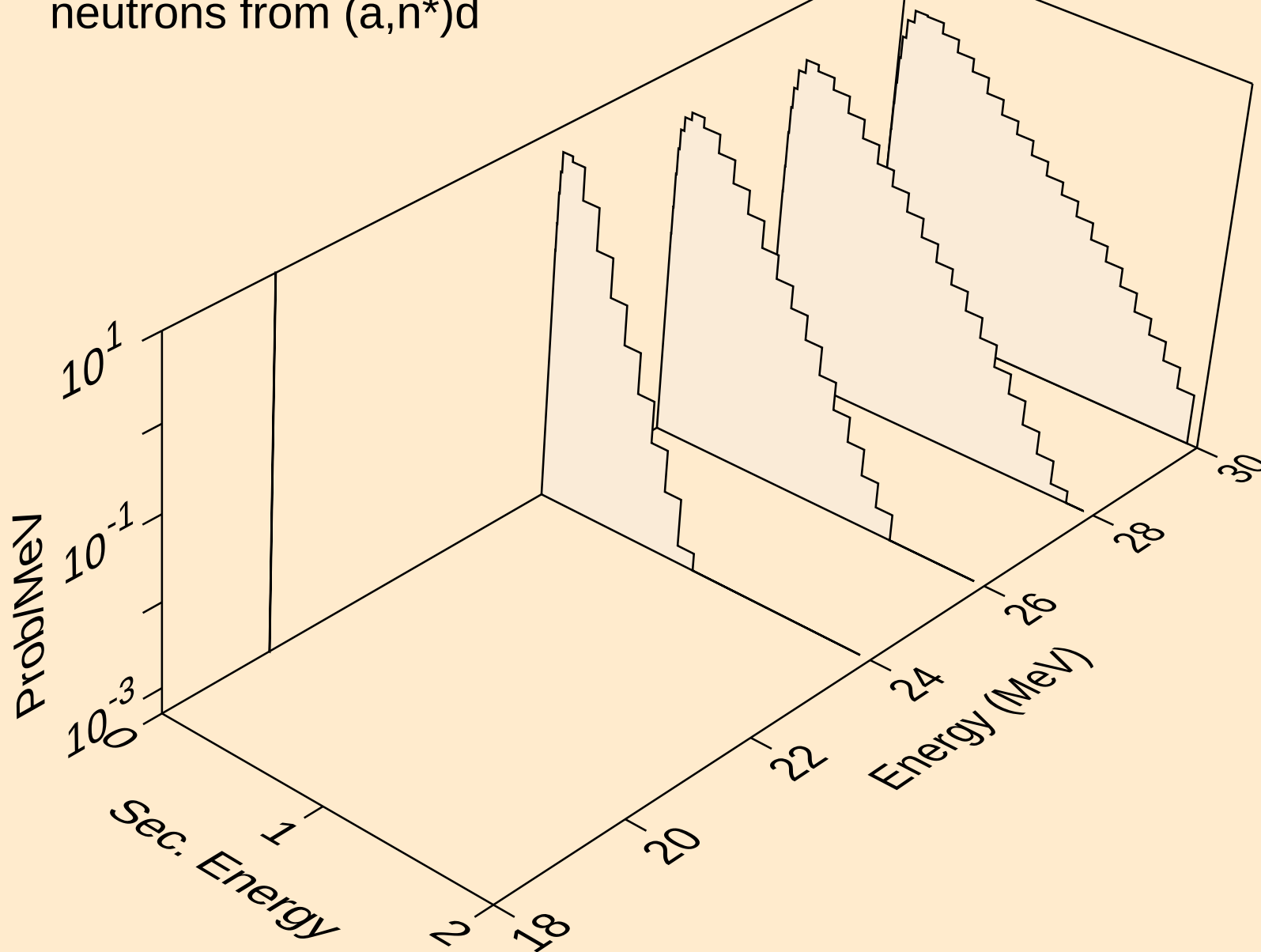
TH239 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,3n)a



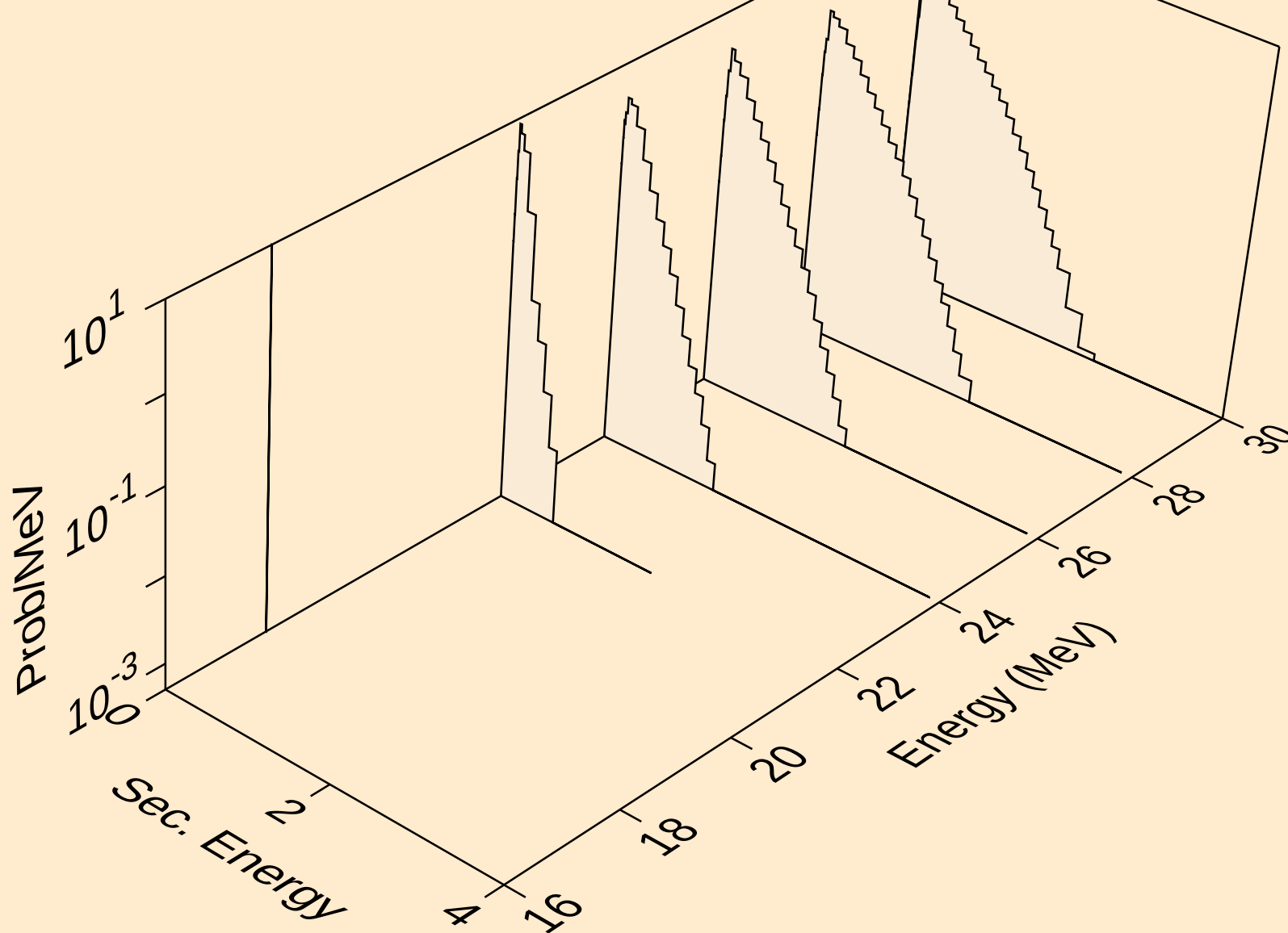
TH239 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,n*)p



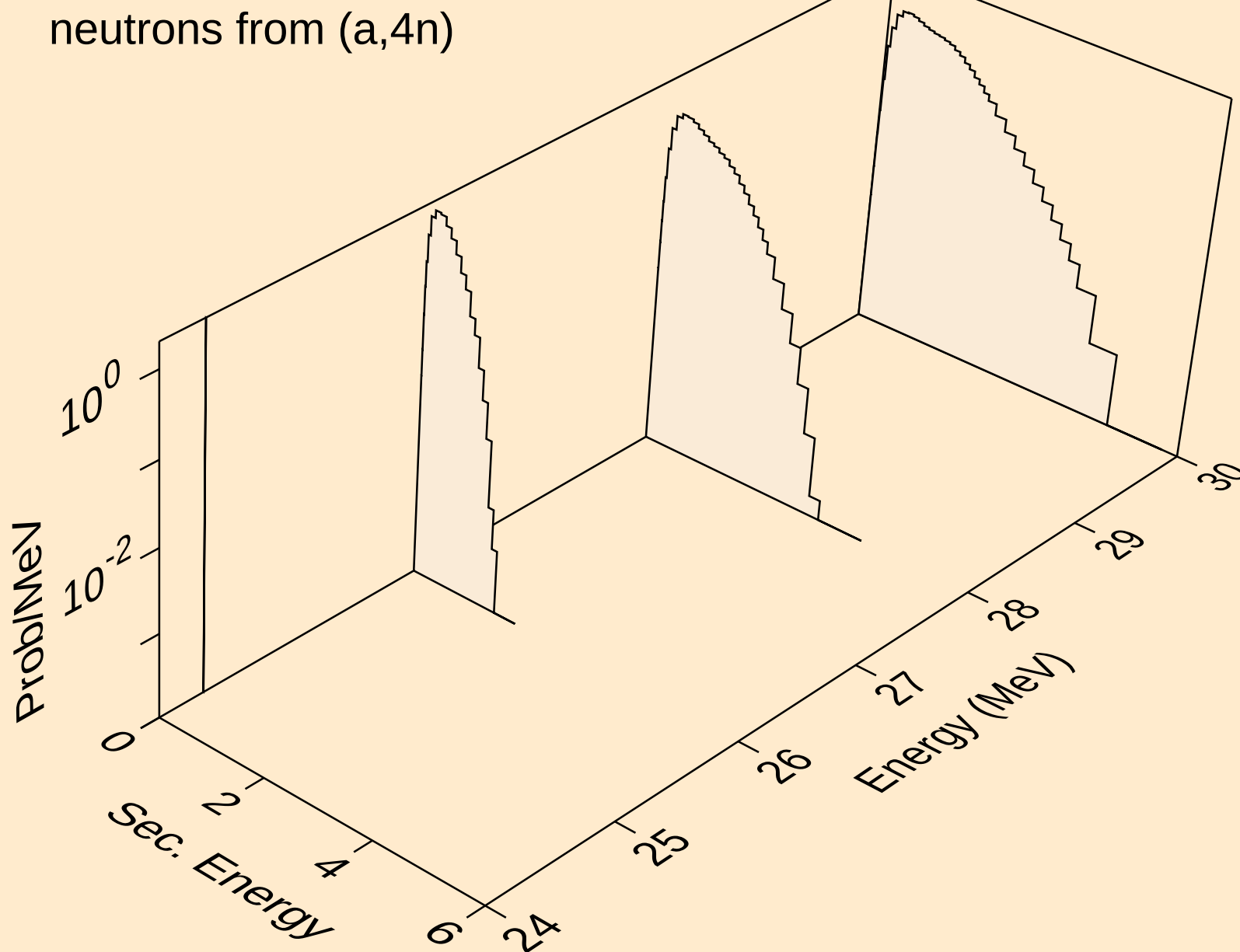
TH239 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,n*)d



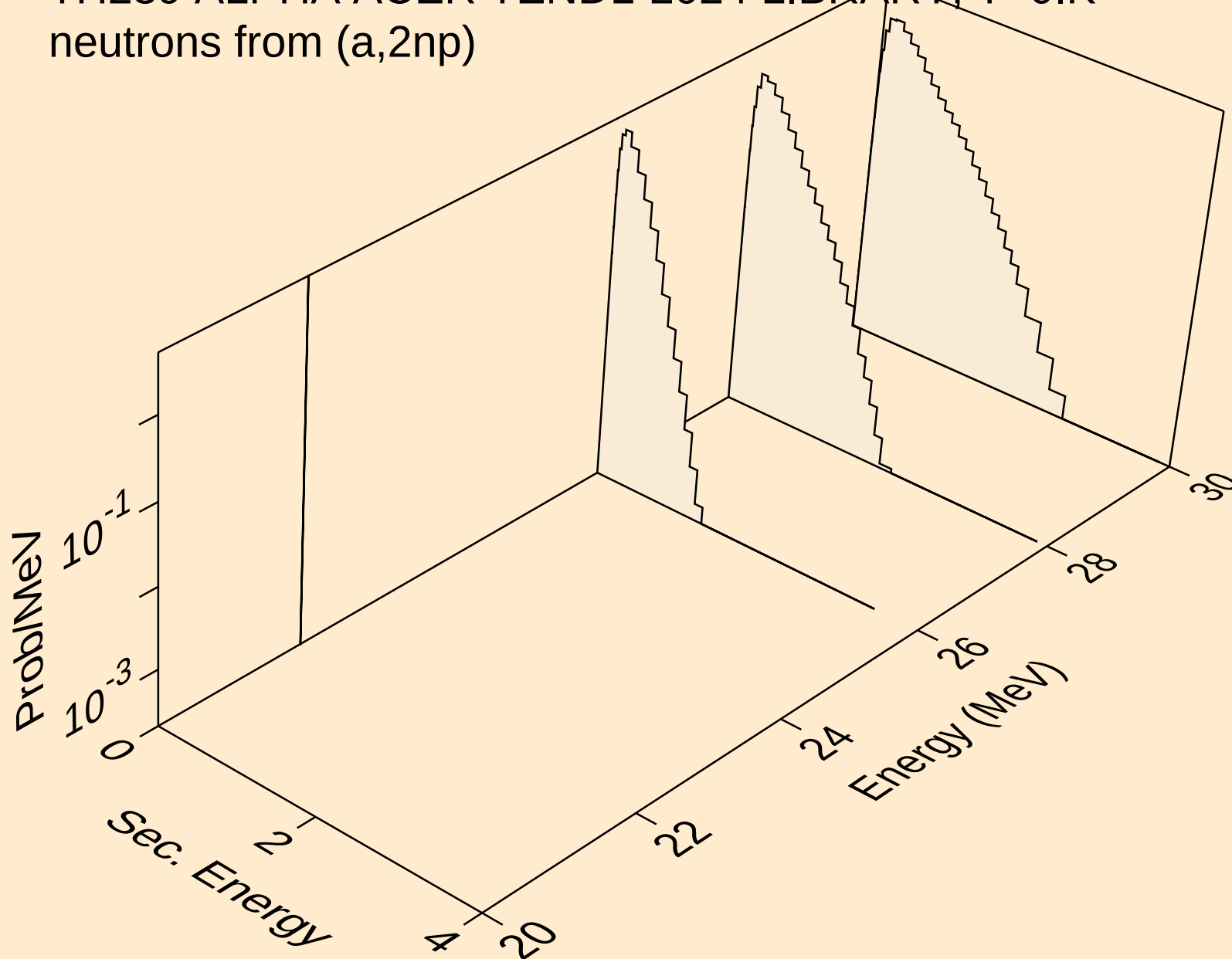
TH239 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,n*)t



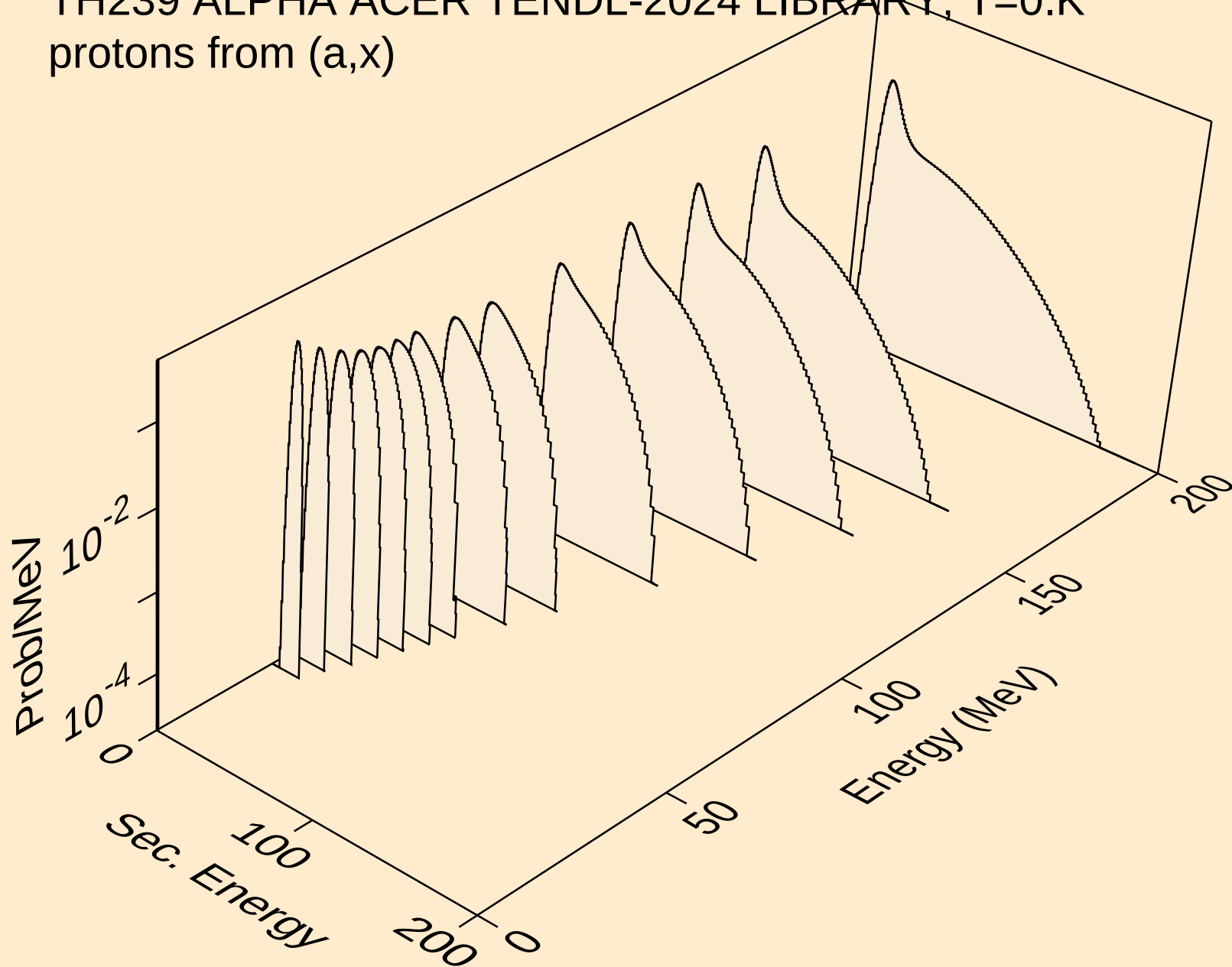
TH239 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,4n)



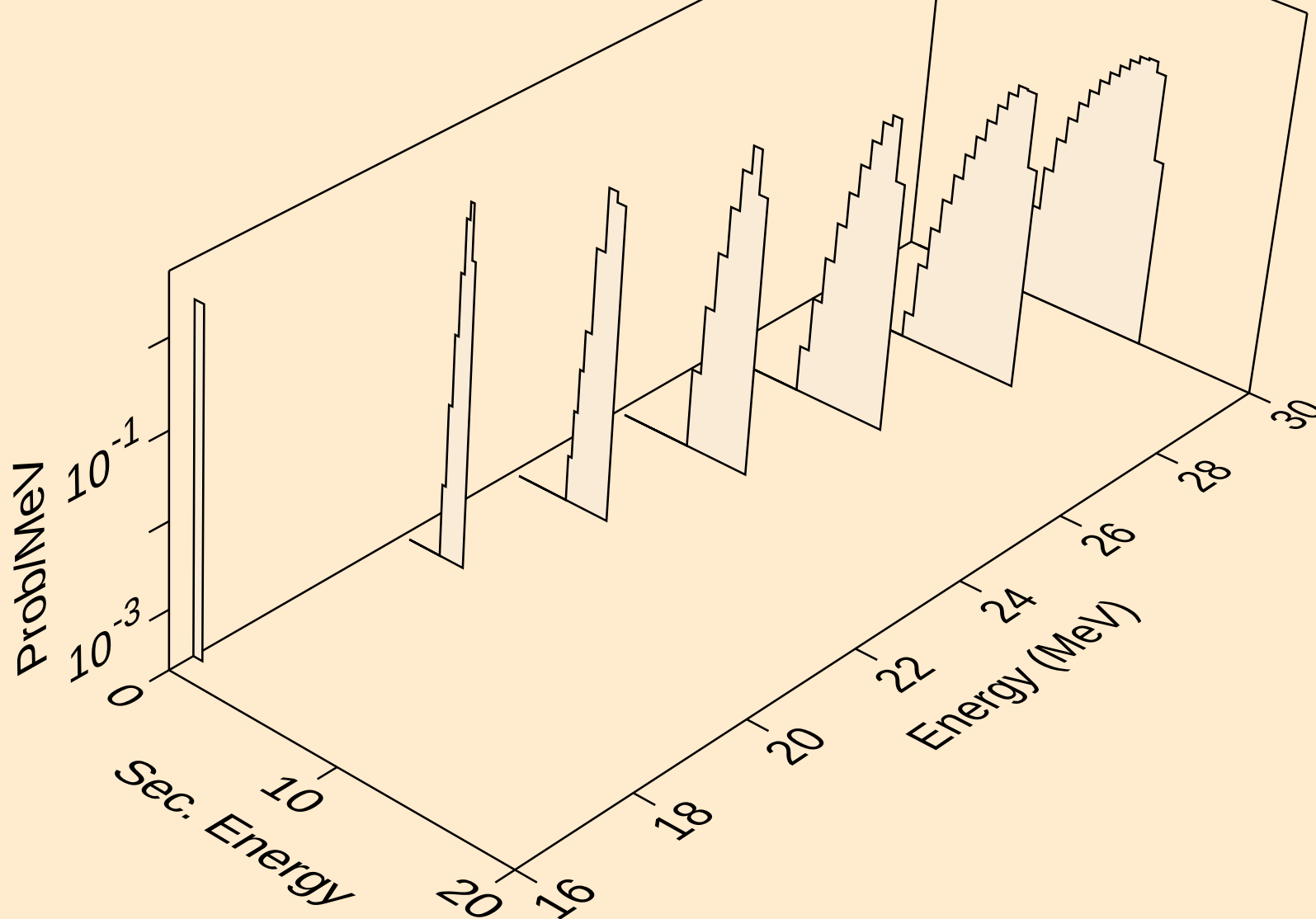
TH239 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,2np)



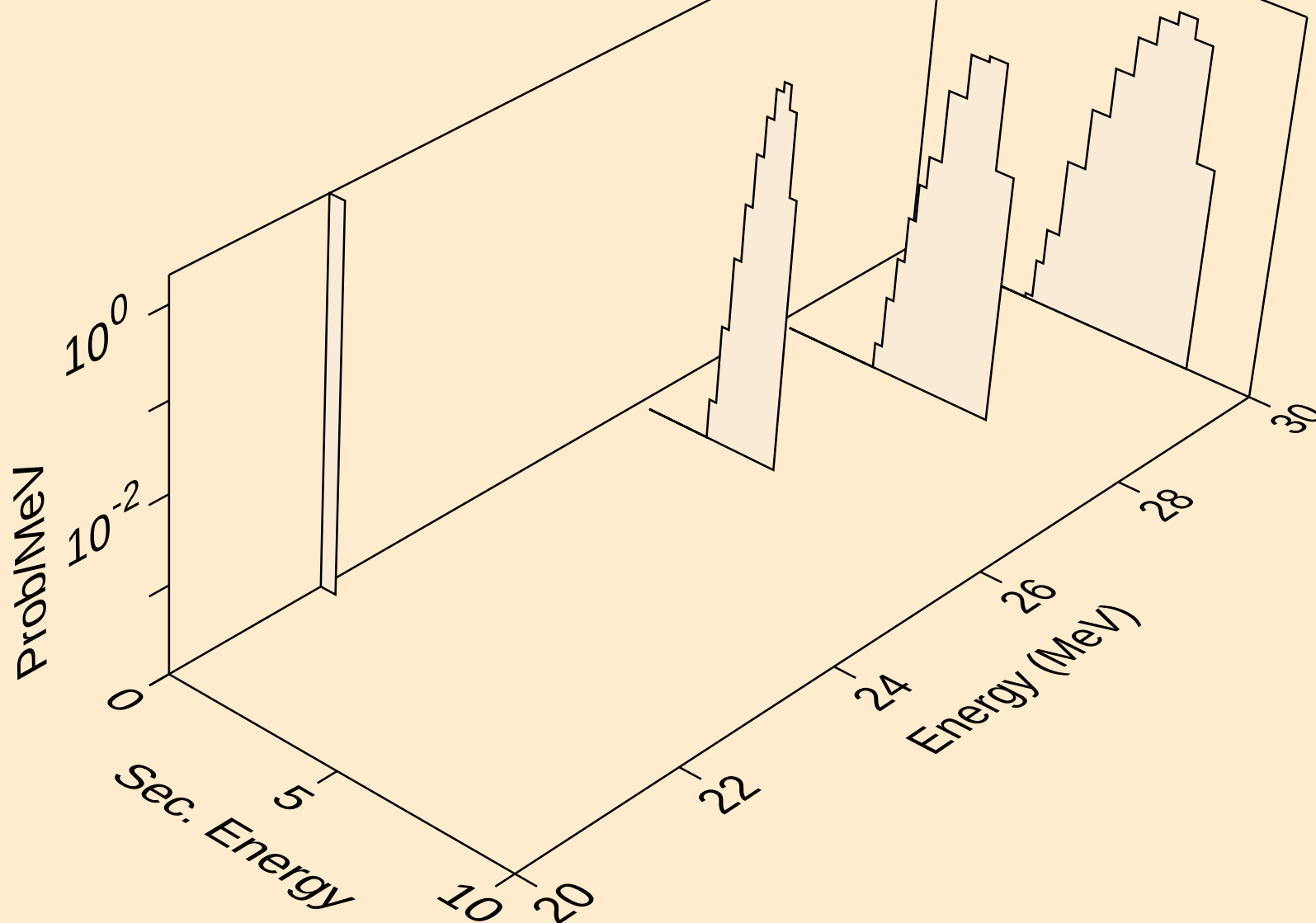
TH239 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
protons from (a,x)



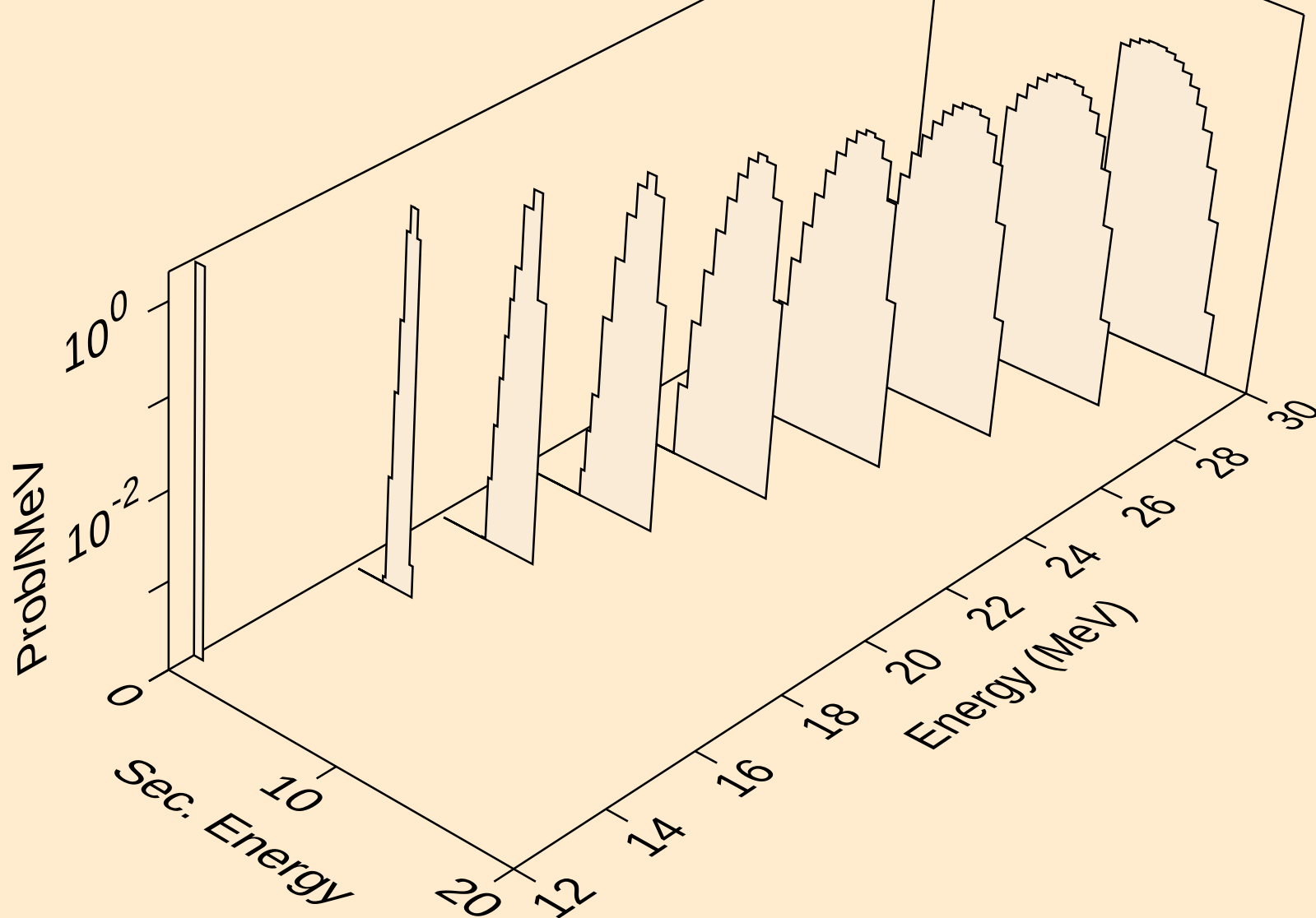
TH239 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
protons from (a,n*)p



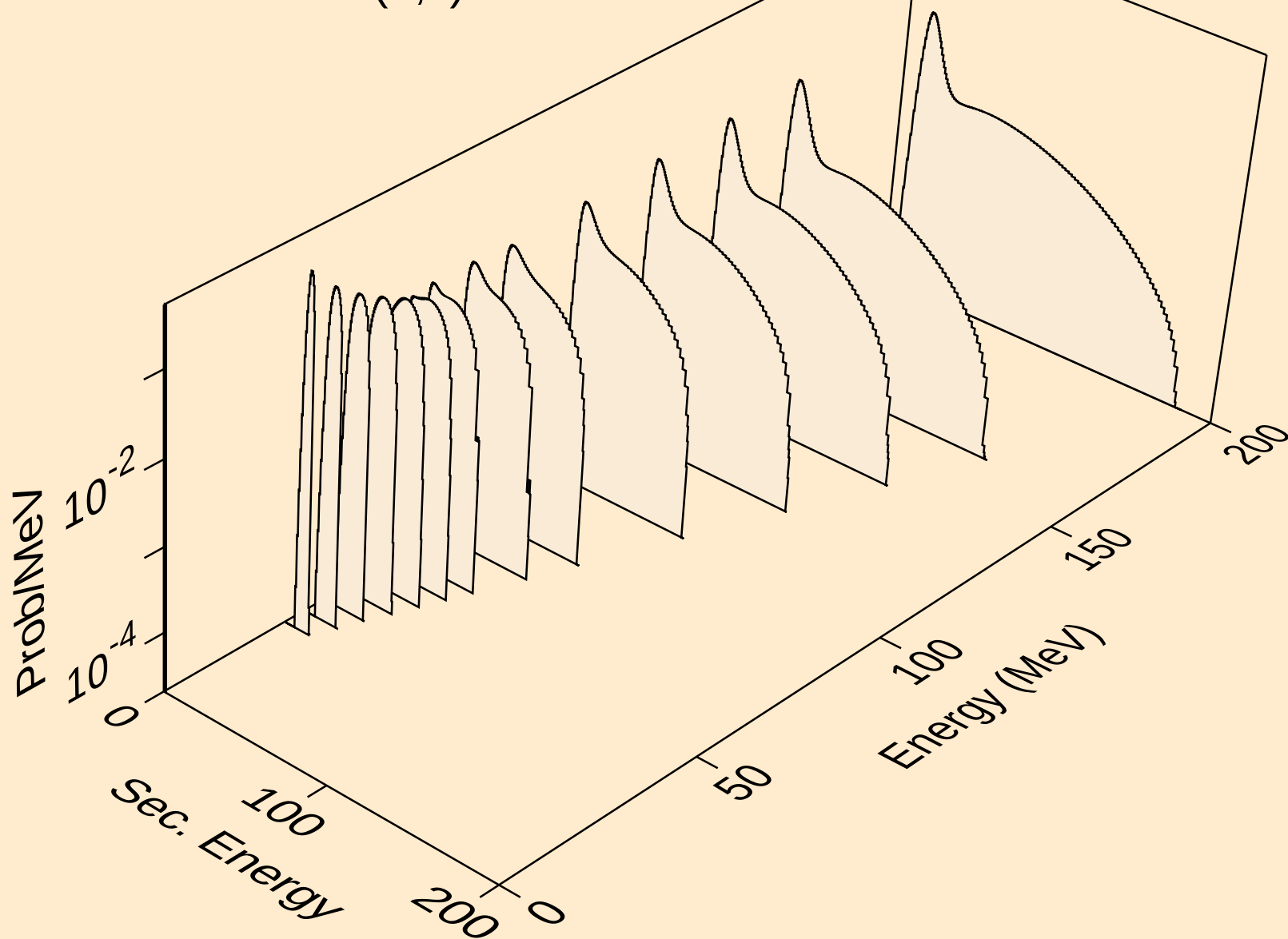
TH239 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
protons from (a,2np)



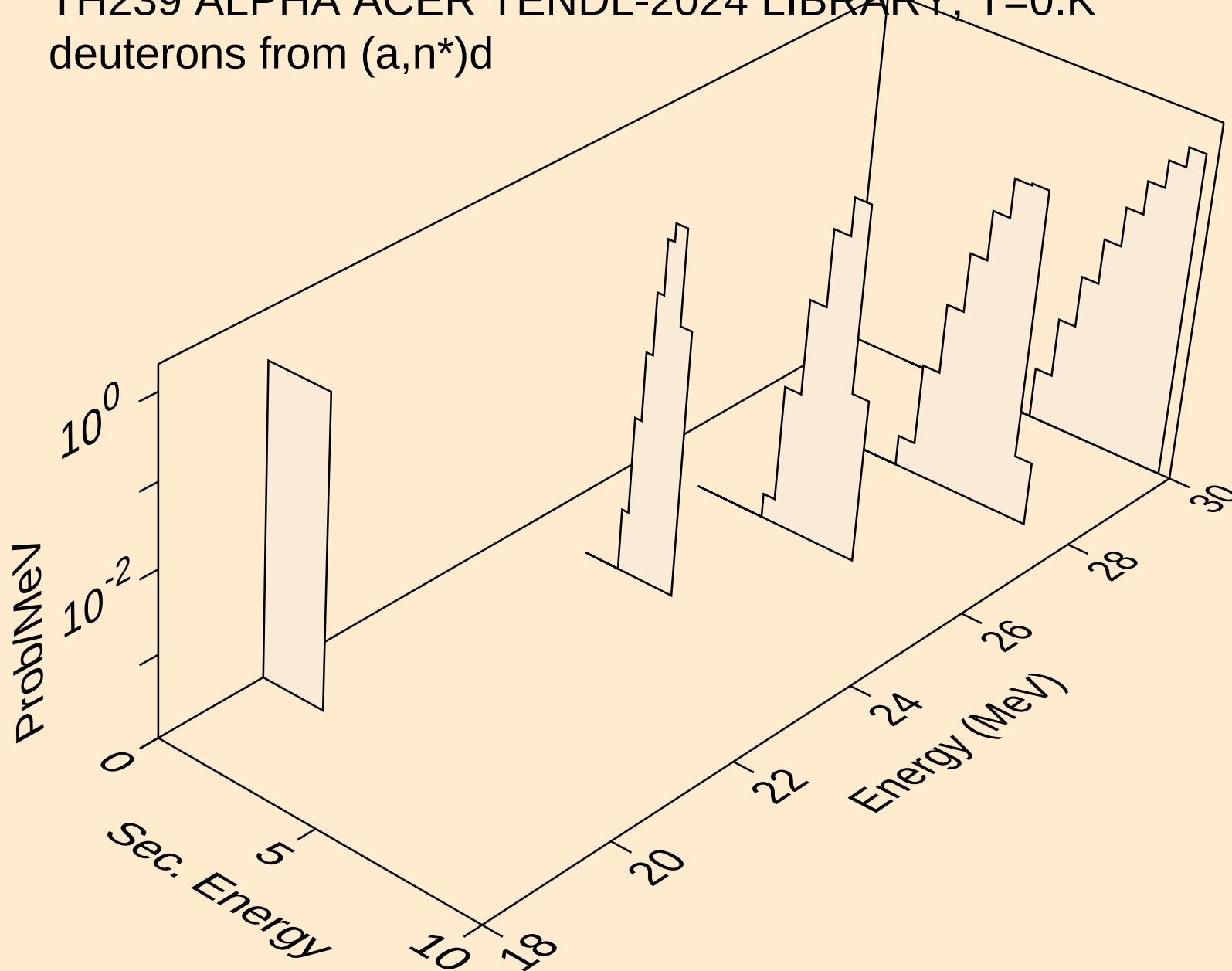
TH239 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
protons from (a,p)



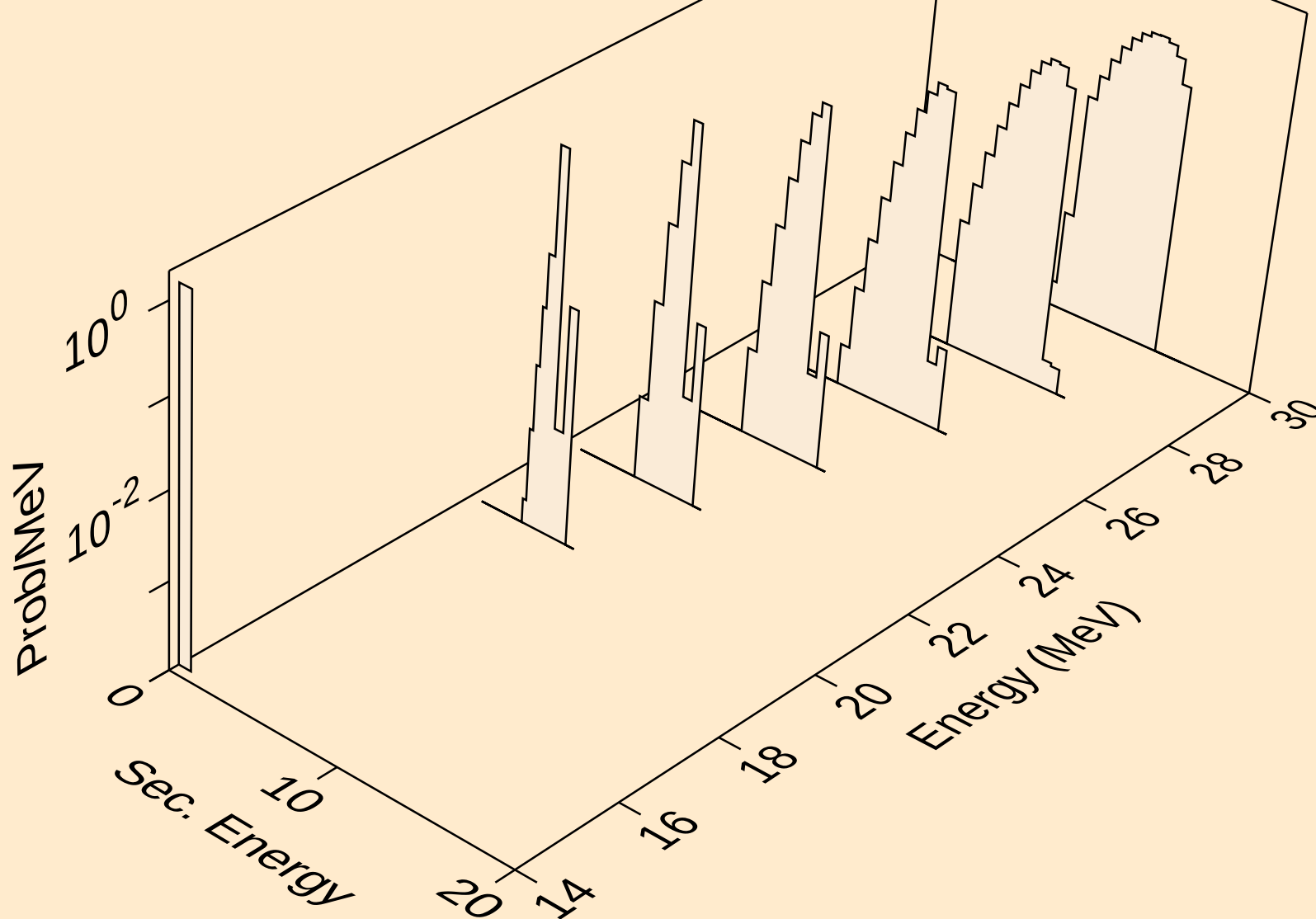
TH239 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (a,x)



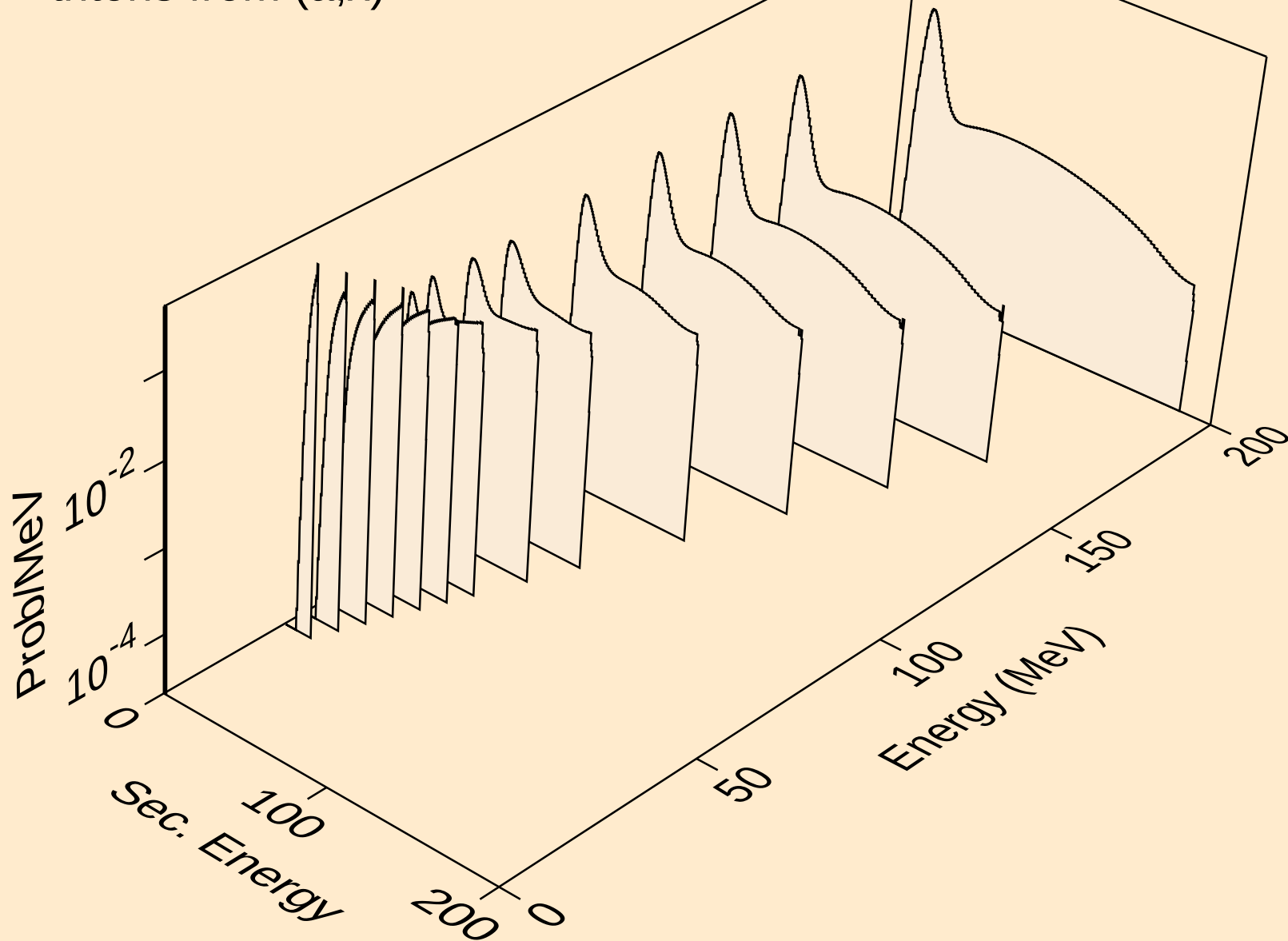
TH239 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (a,n*)d



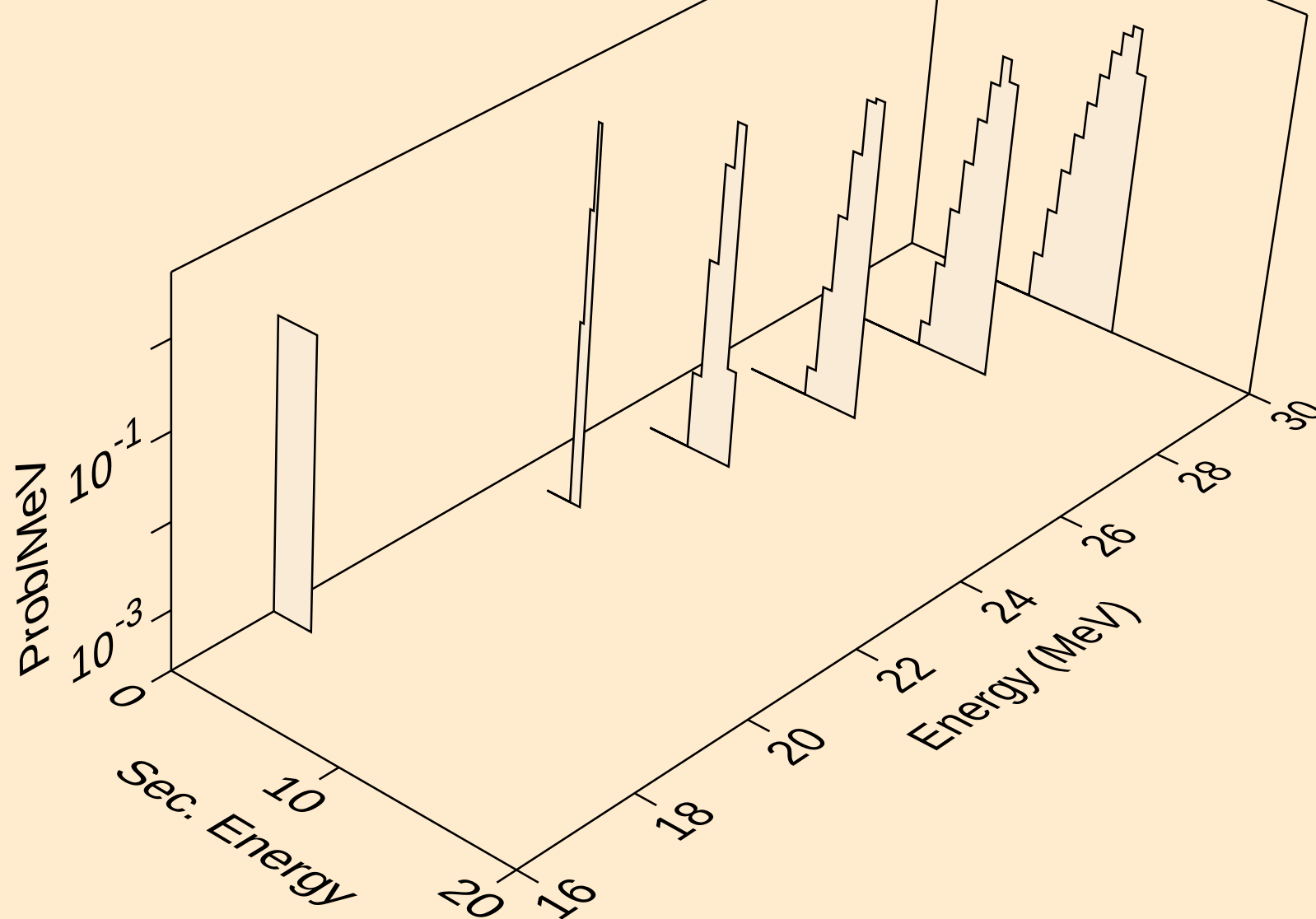
TH239 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (a,d)



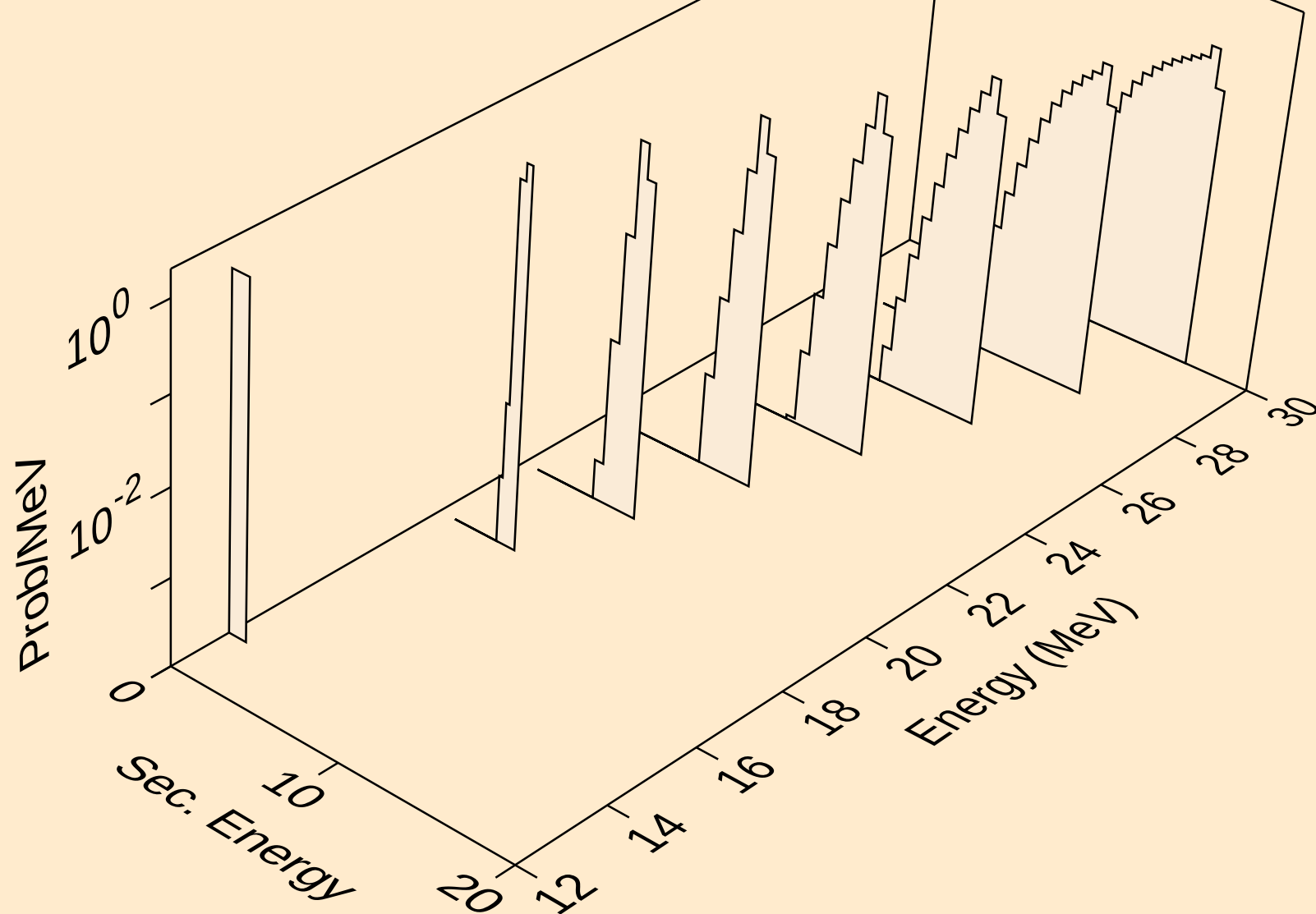
TH239 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
tritons from (a,x)



TH239 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
tritons from (a,n*)t



TH239 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
tritons from (a,t)



TH239 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
he3s from (a,x)

