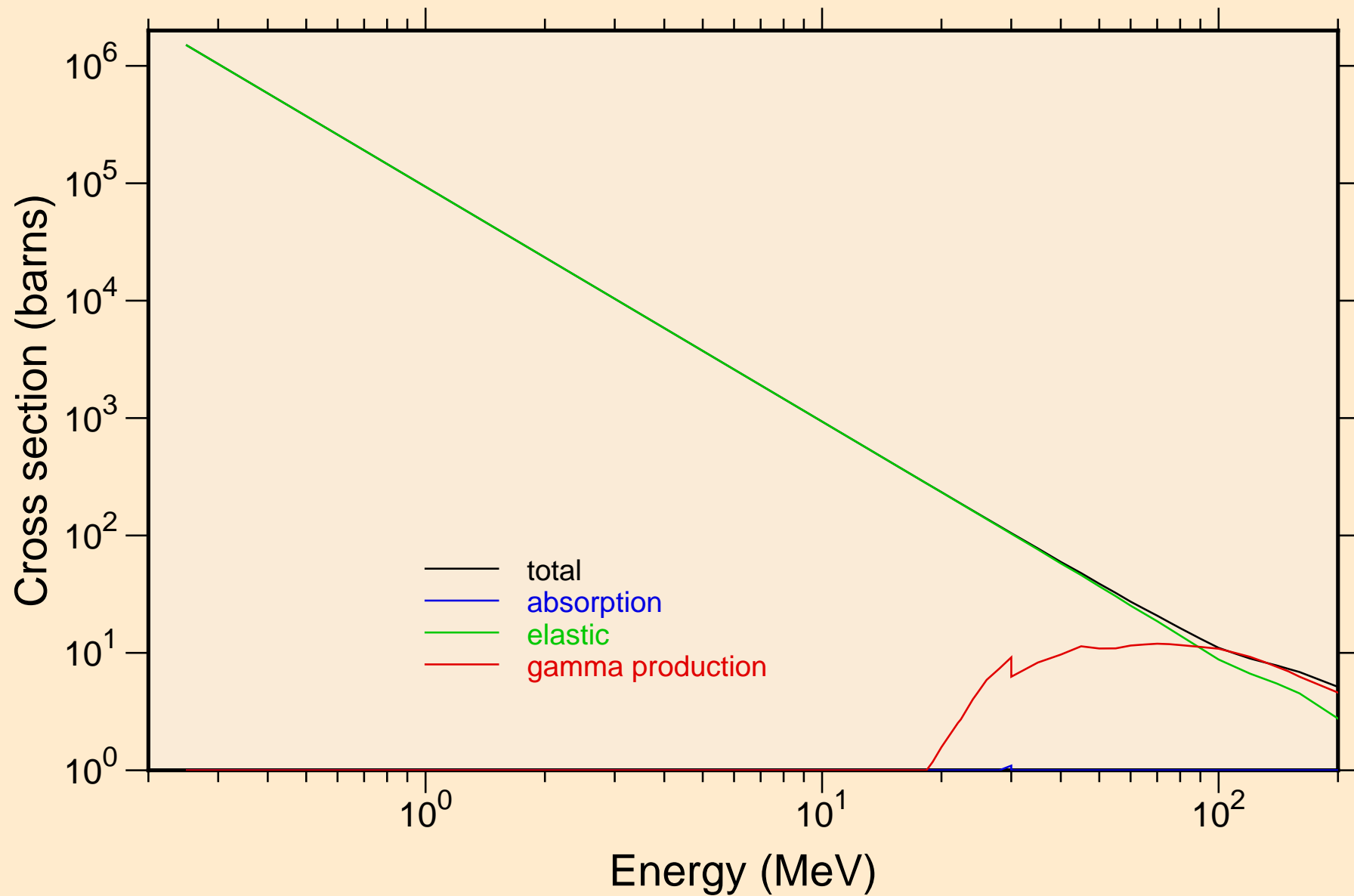
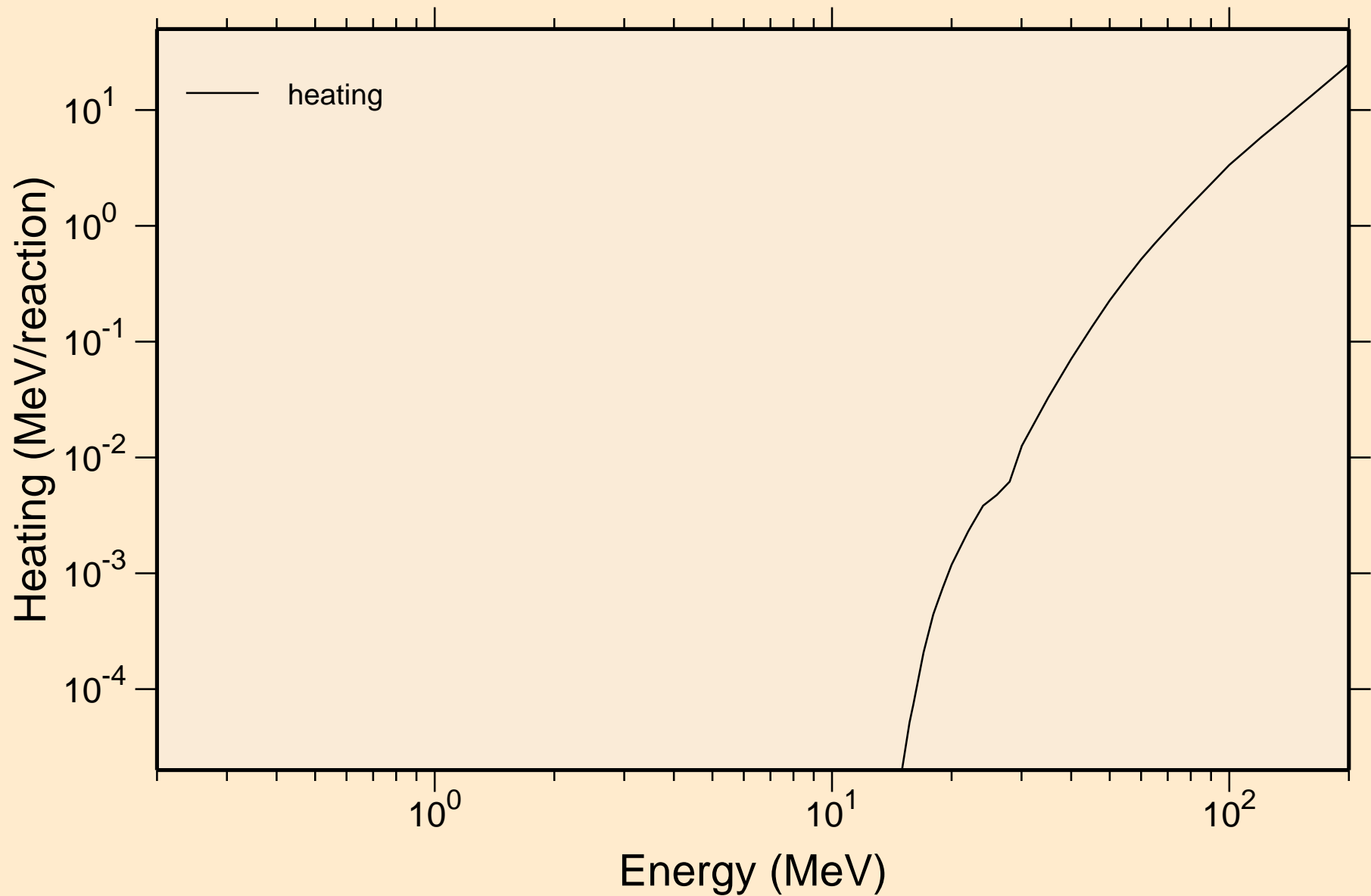


ND142 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections

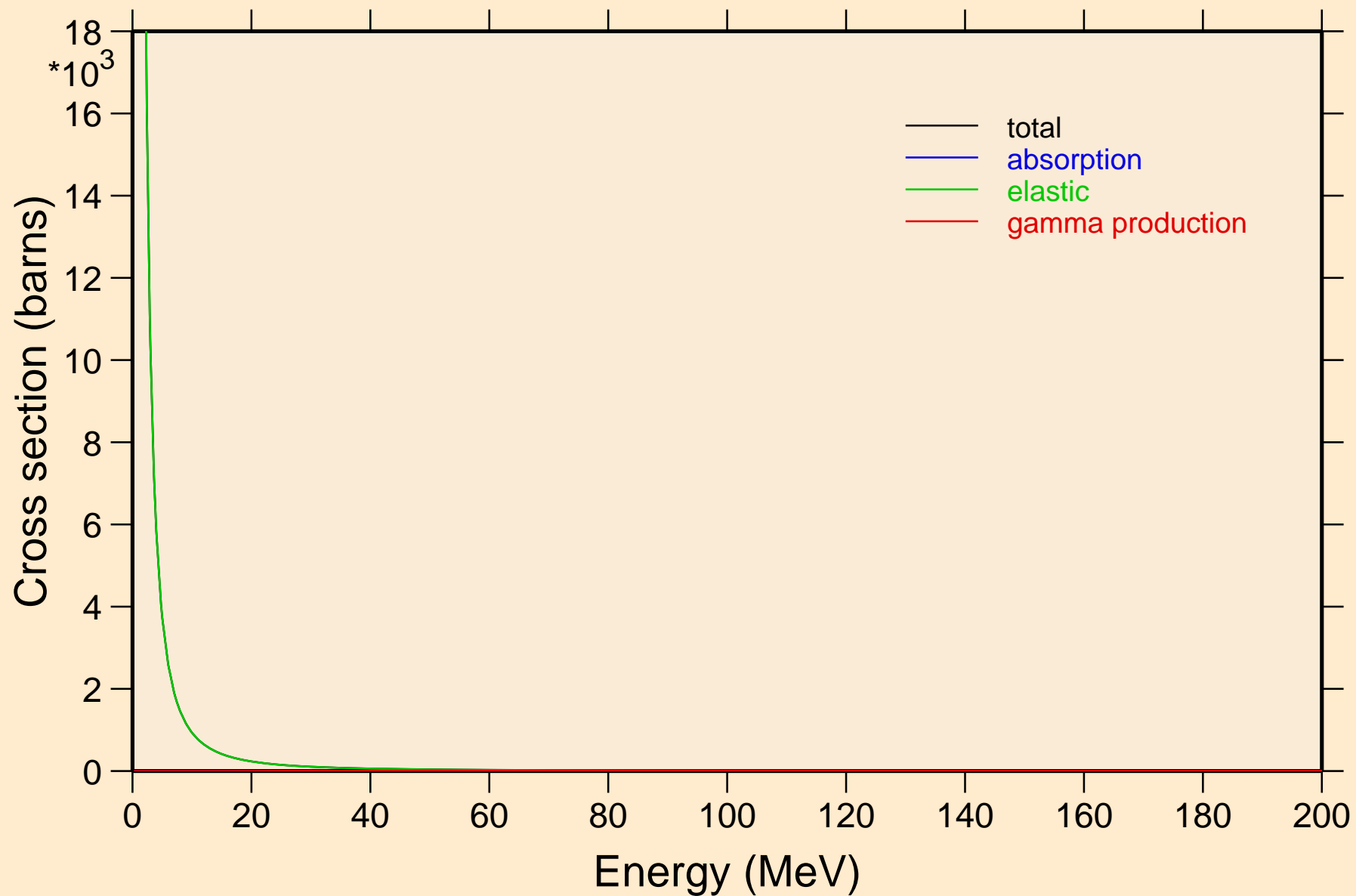


ND142 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Heating



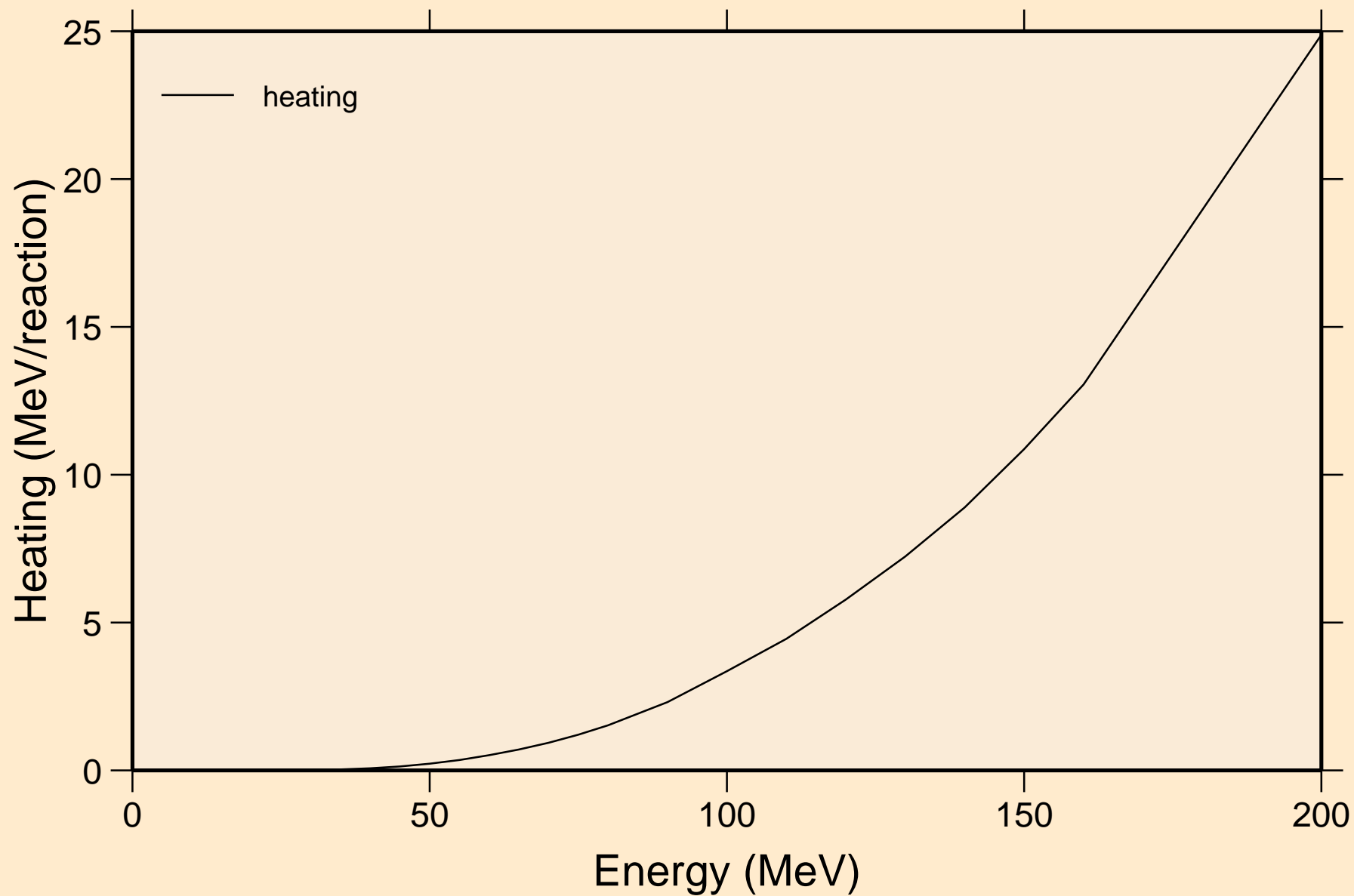
ND142 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



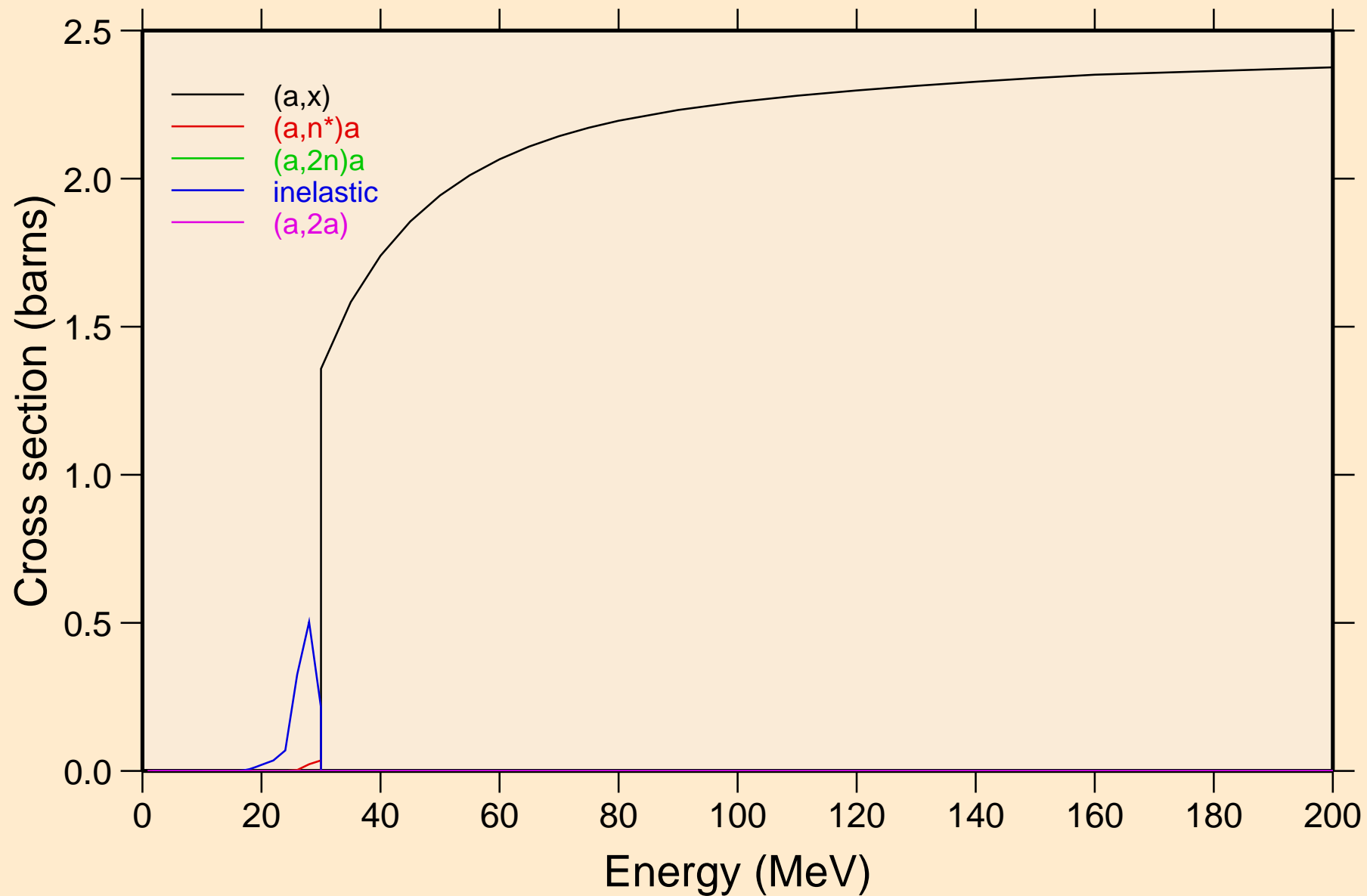
ND142 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating

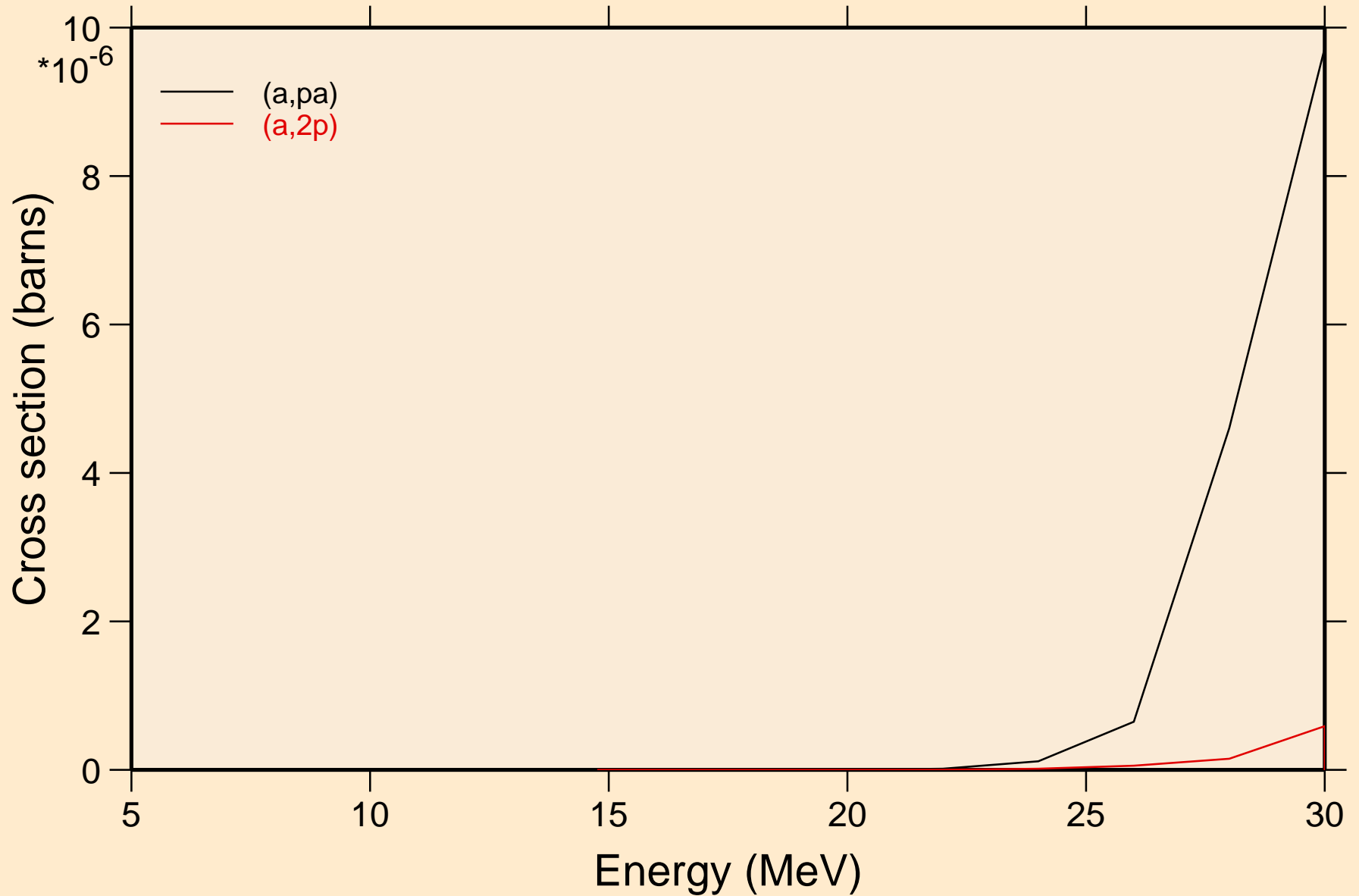


ND142 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

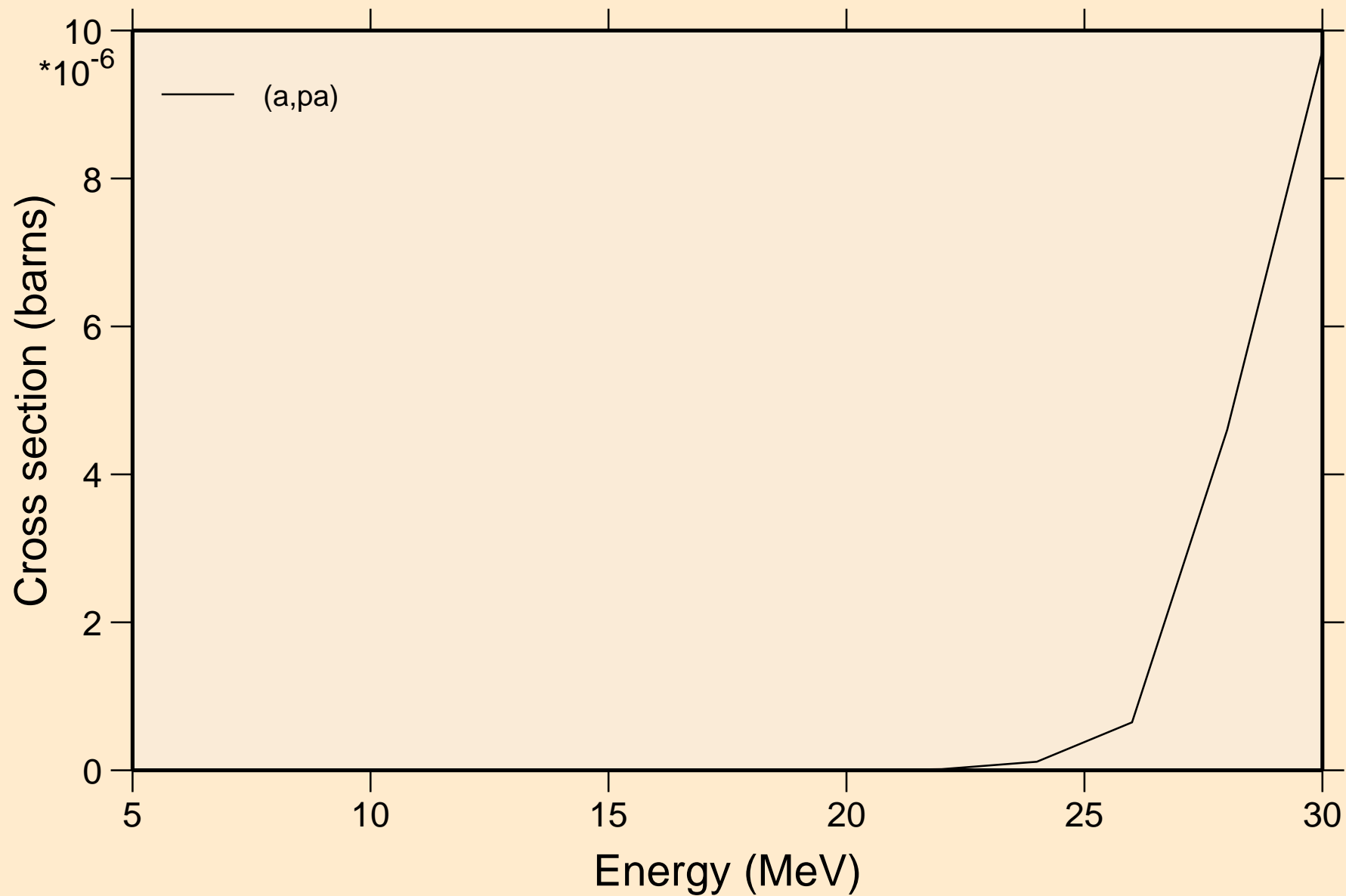
Threshold reactions



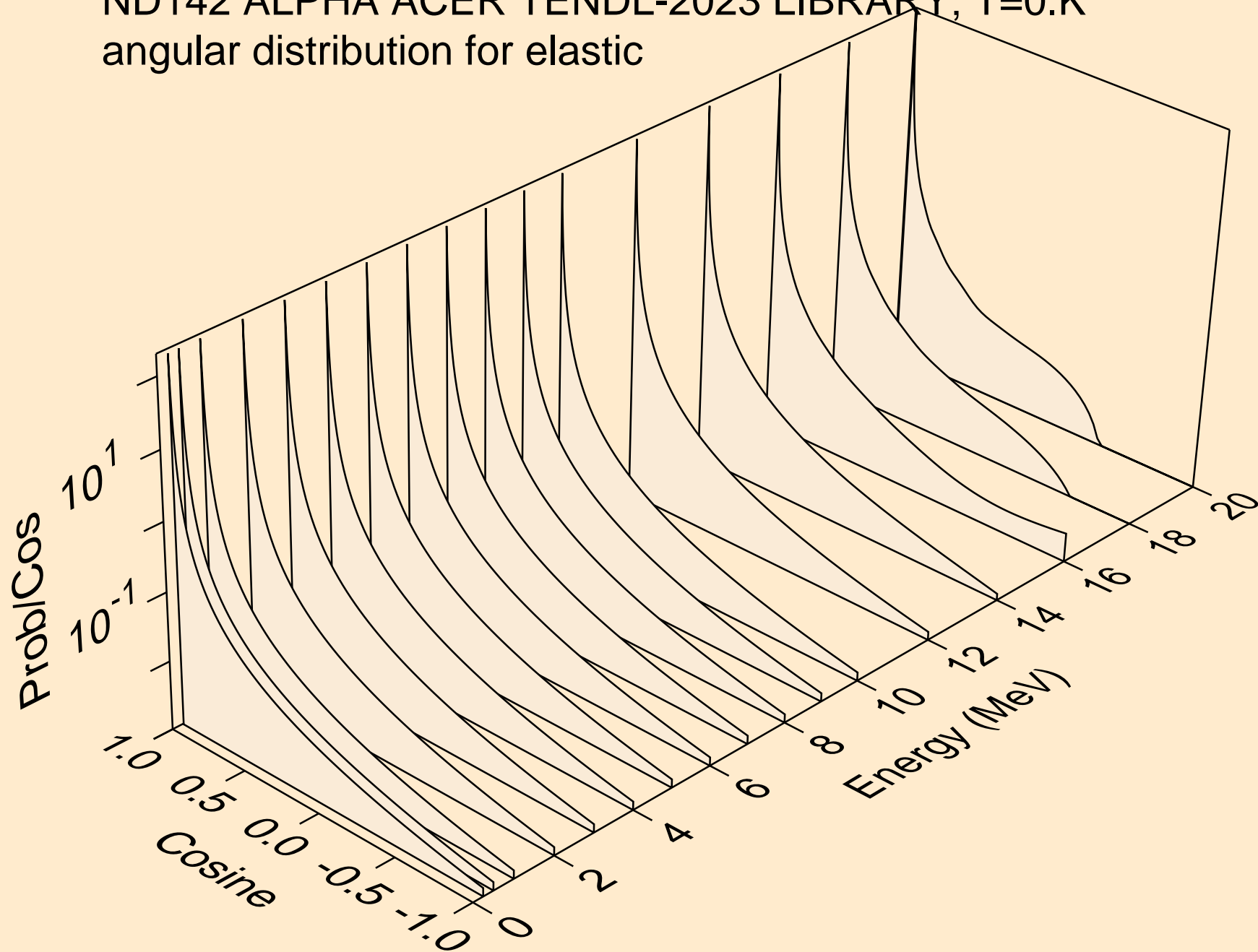
ND142 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



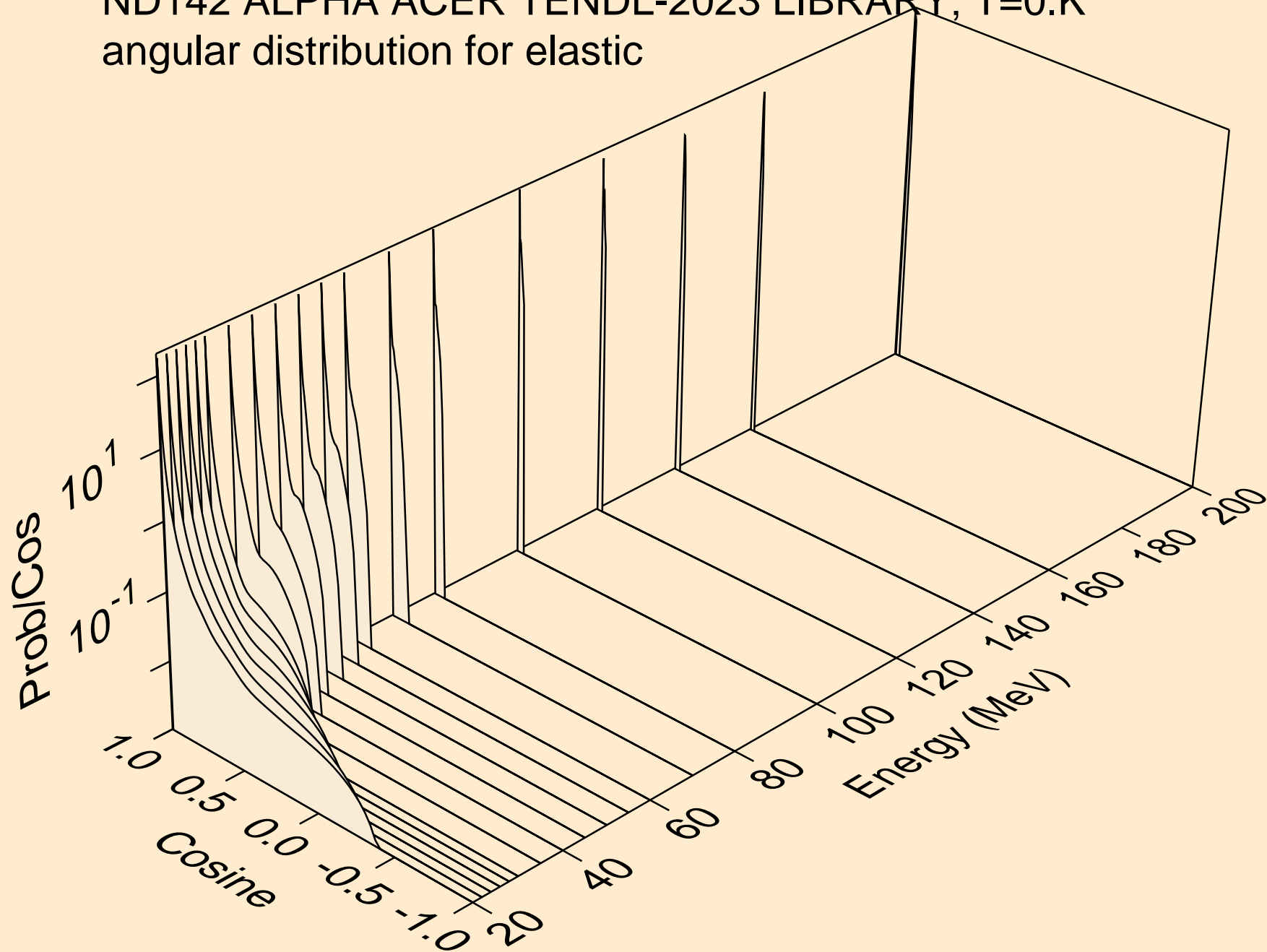
ND142 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



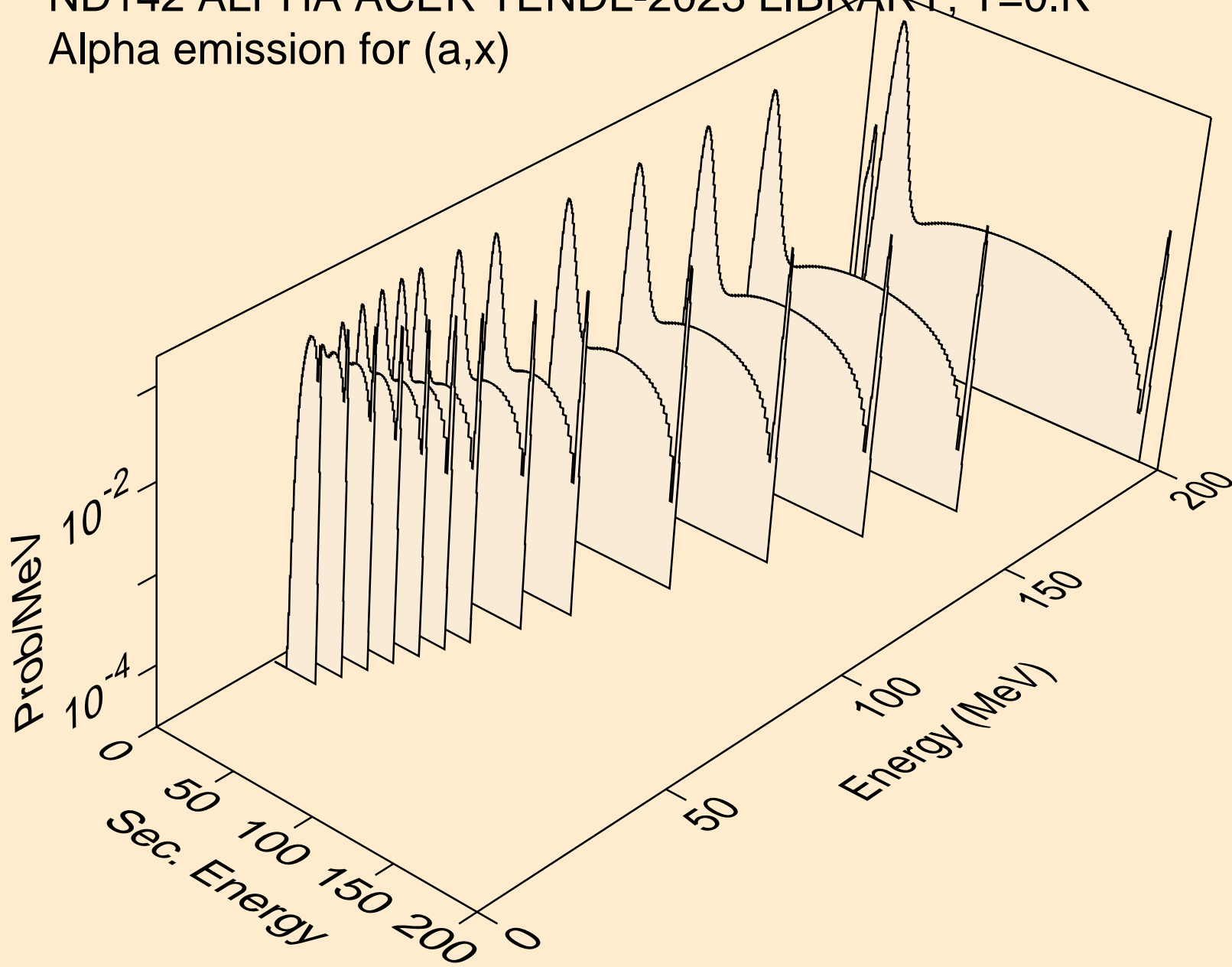
ND142 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



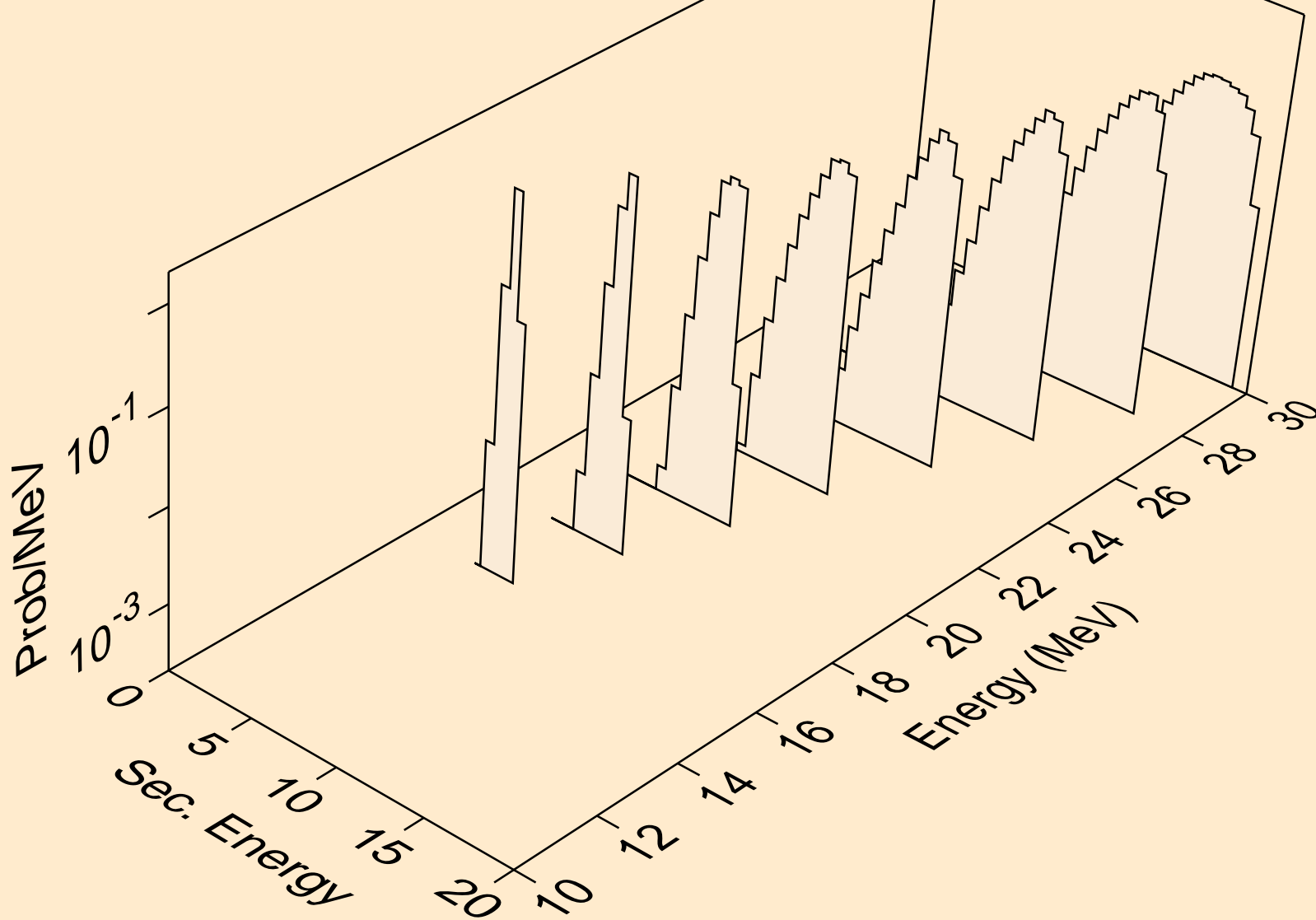
ND142 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



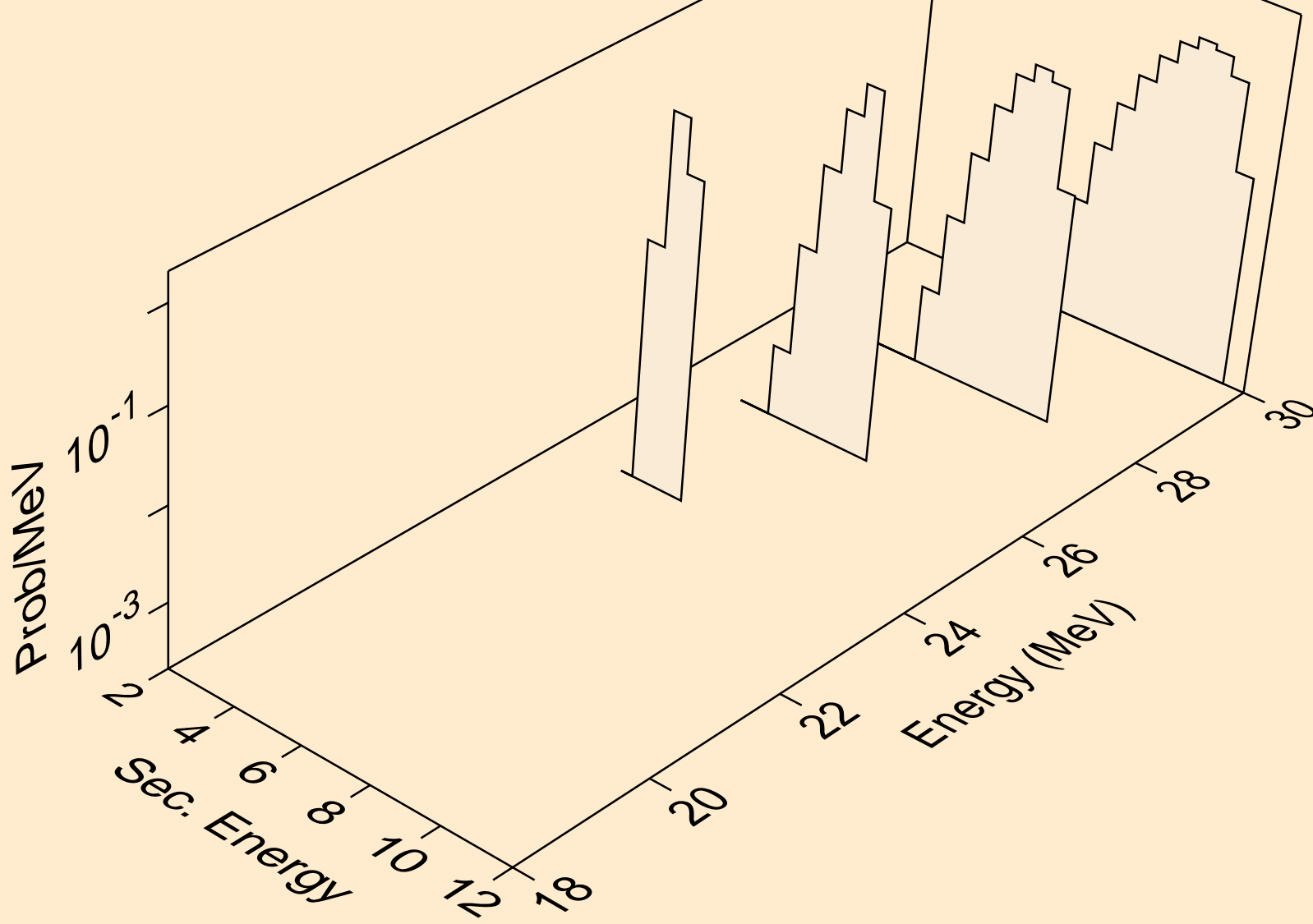
ND142 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Alpha emission for (a,x)



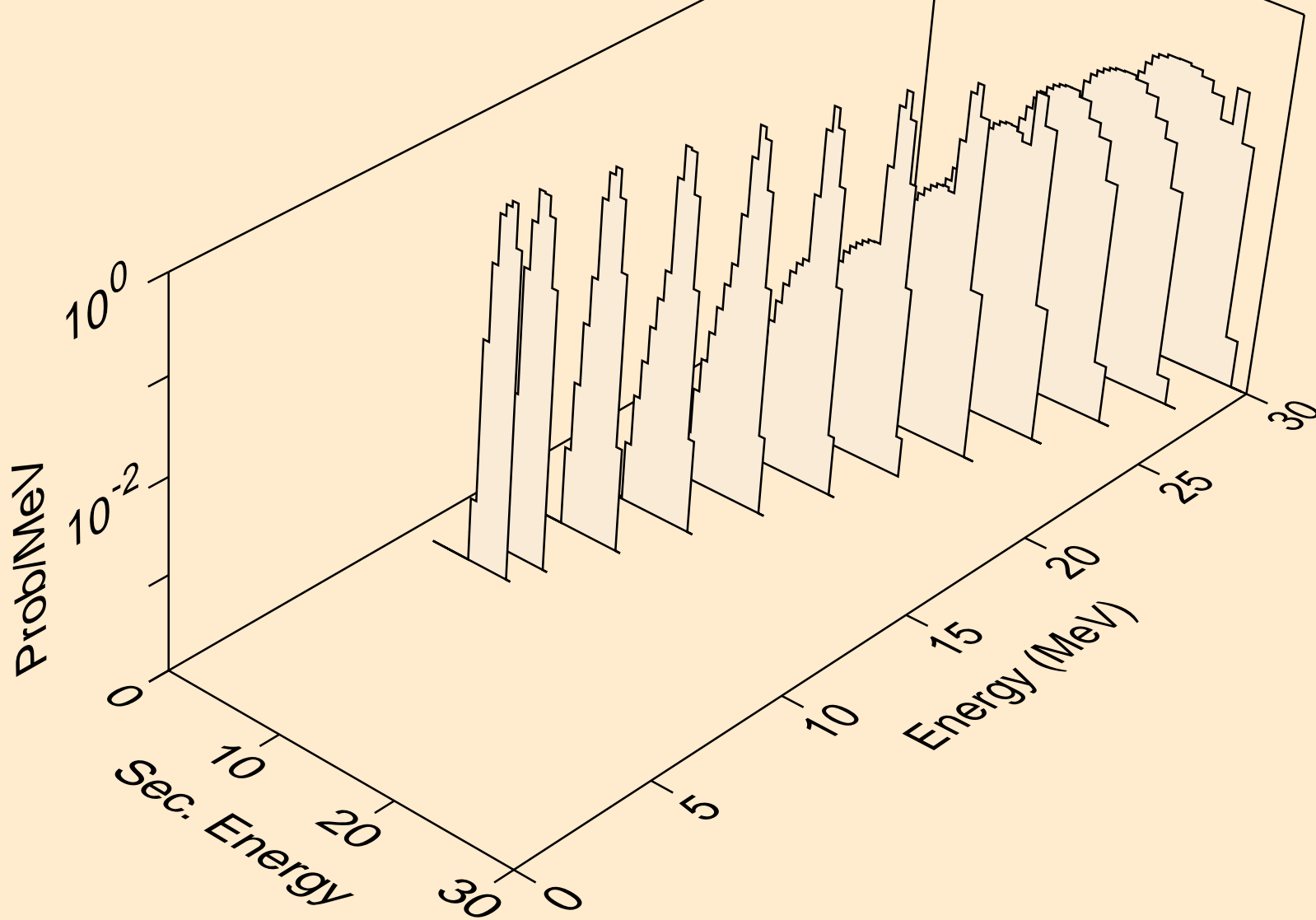
ND142 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Alpha emission for (a,n*)a



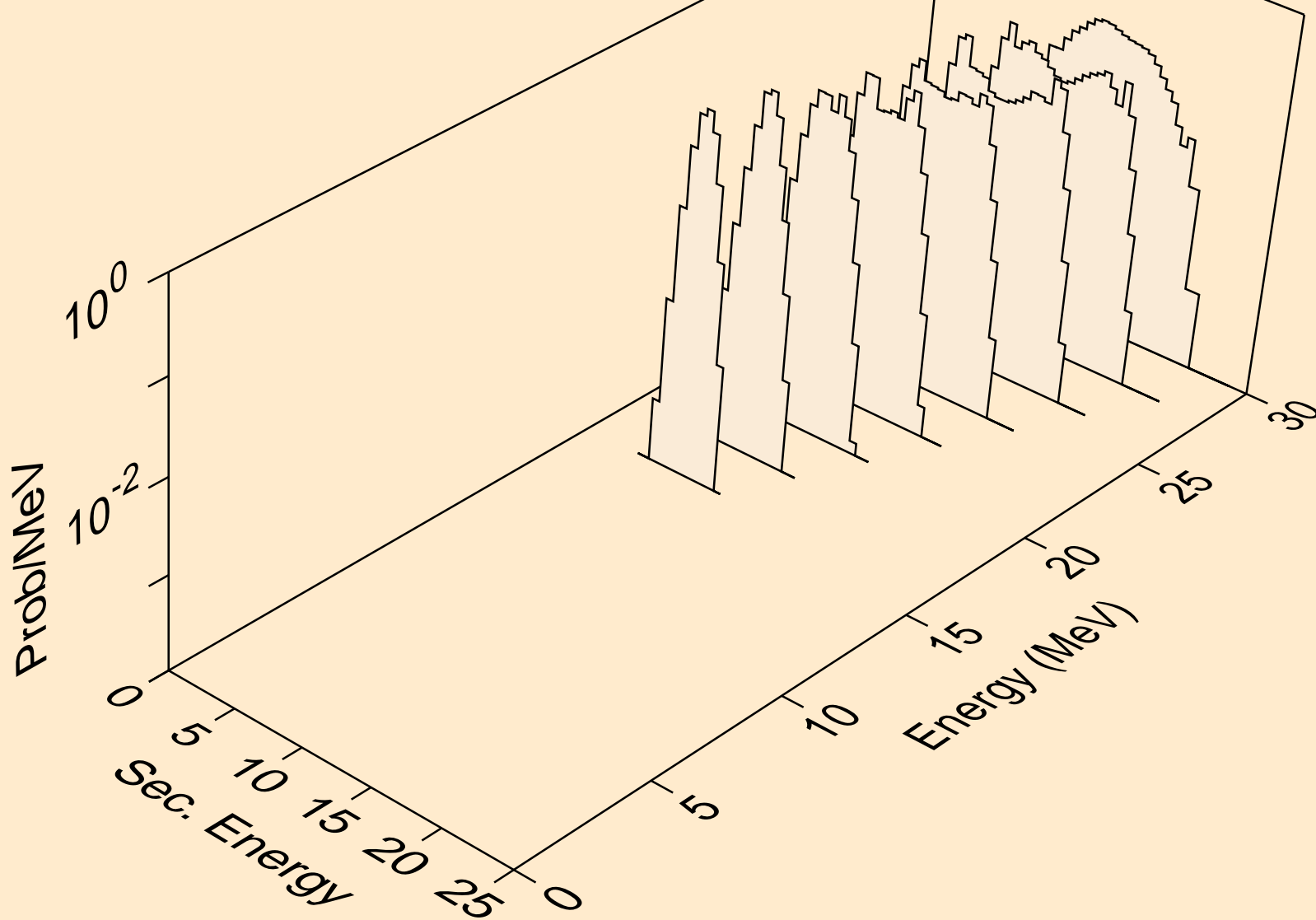
ND142 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Alpha emission for (a,2n)a



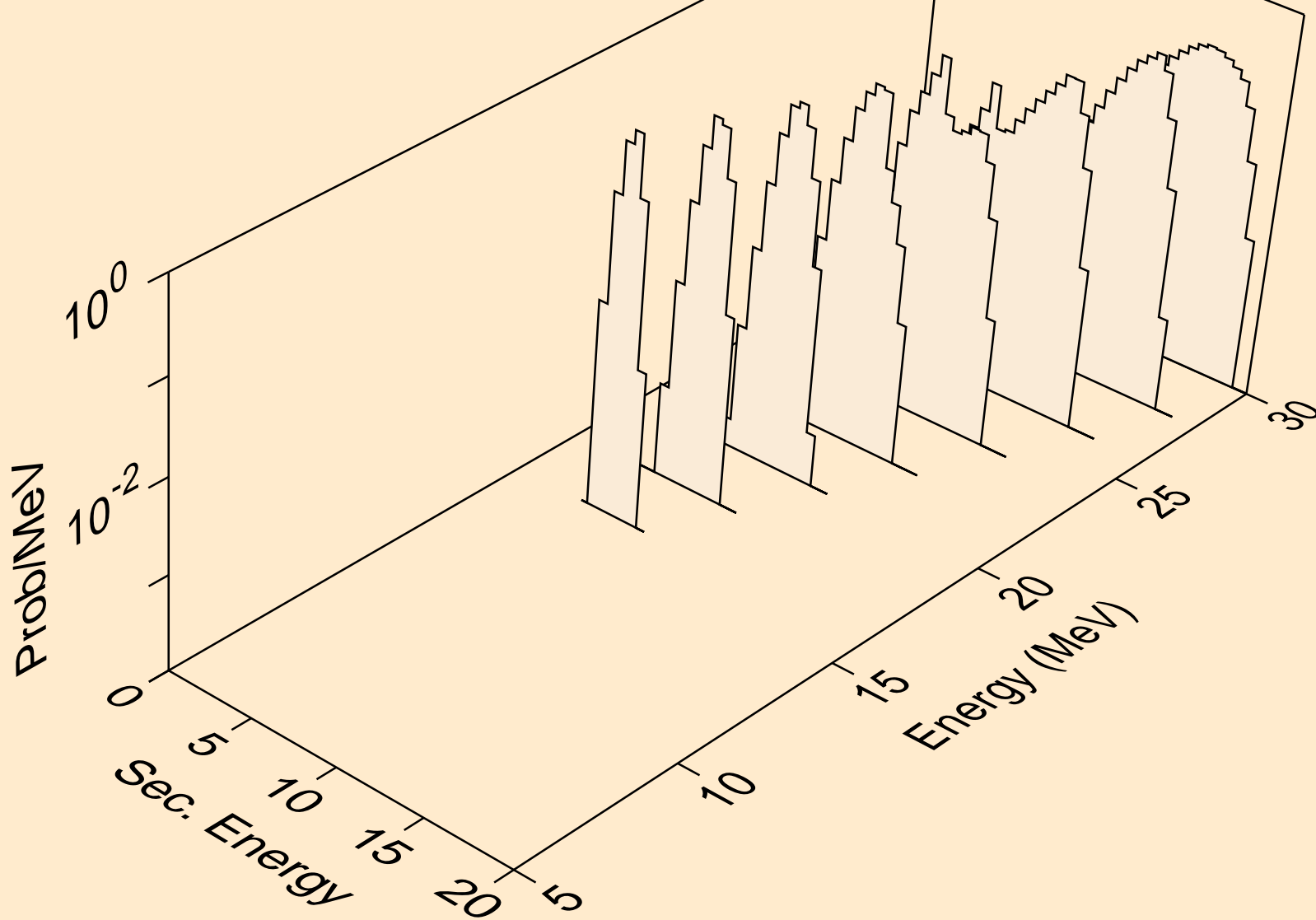
ND142 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Alpha emission for inelastic



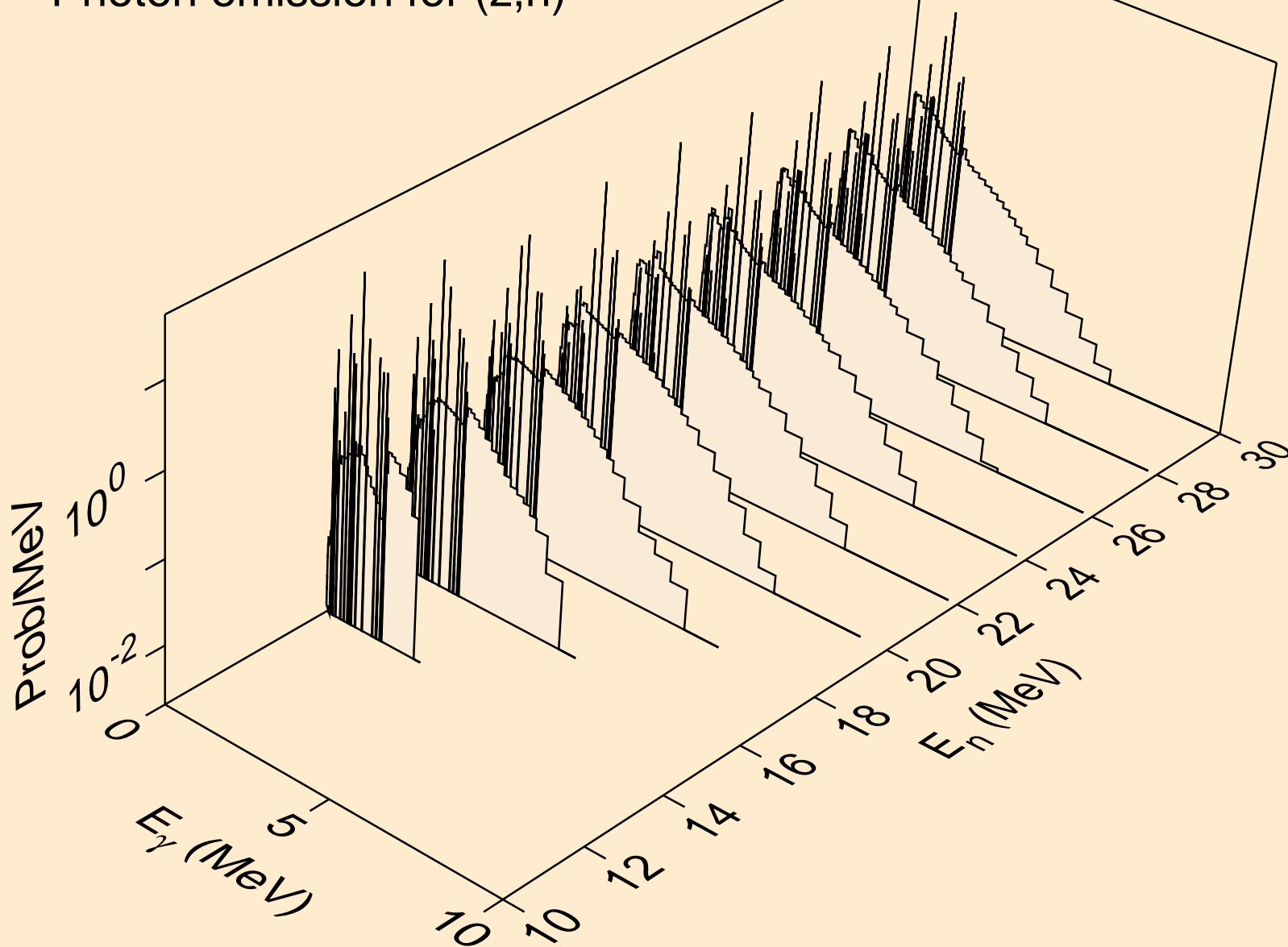
ND142 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Alpha emission for (a,2a)



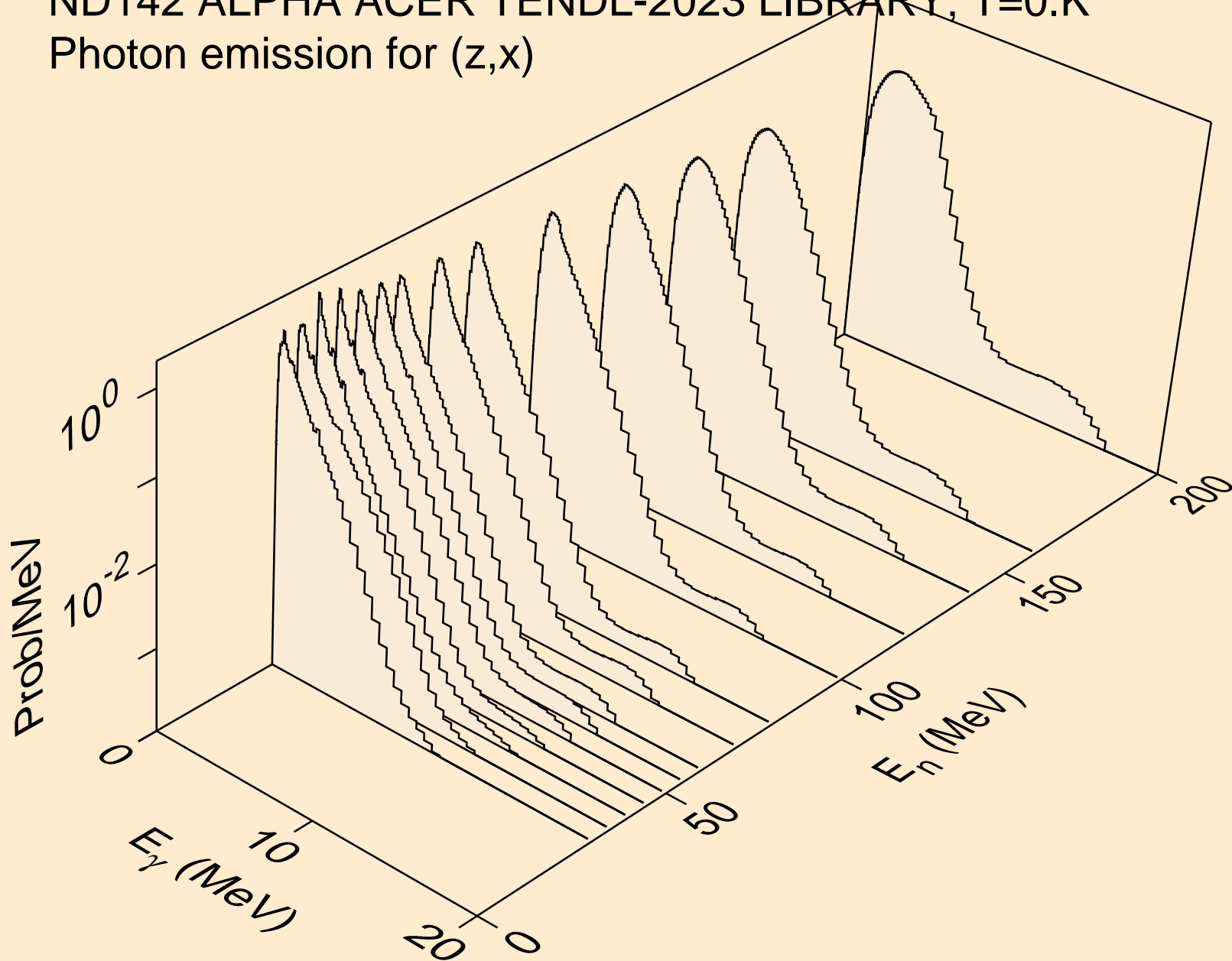
ND142 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Alpha emission for (a,pa)



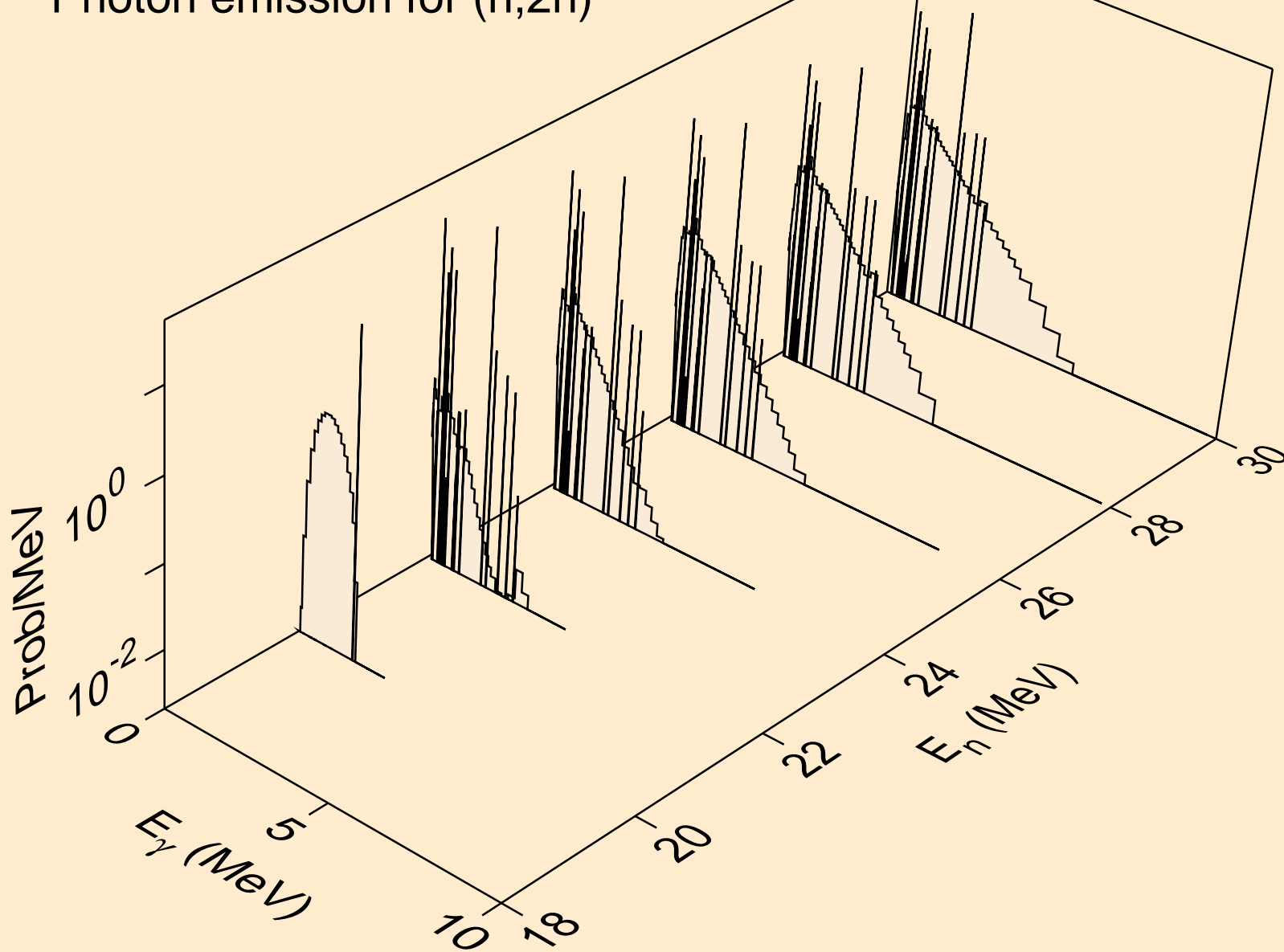
ND142 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (z,n)



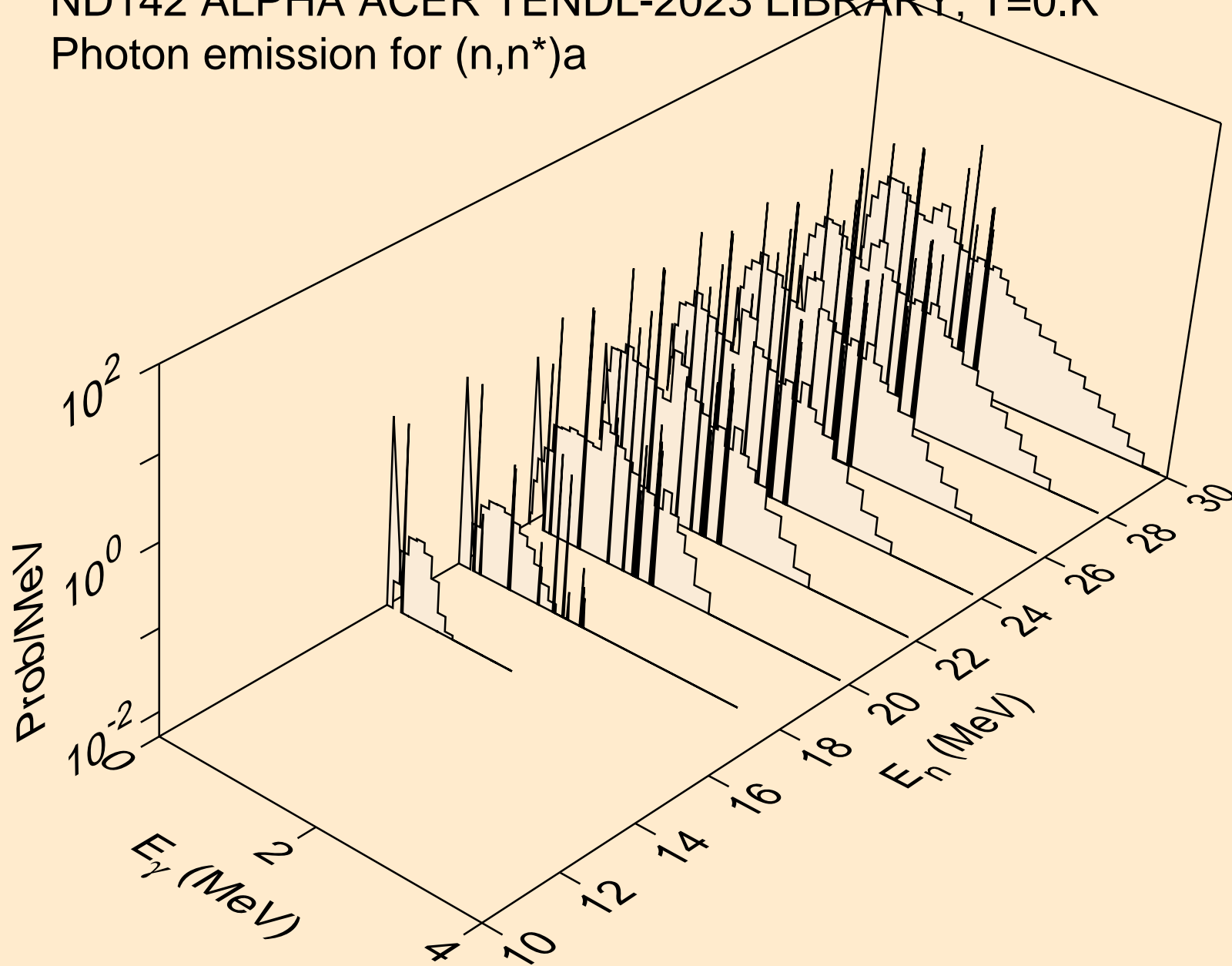
ND142 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (z,x)



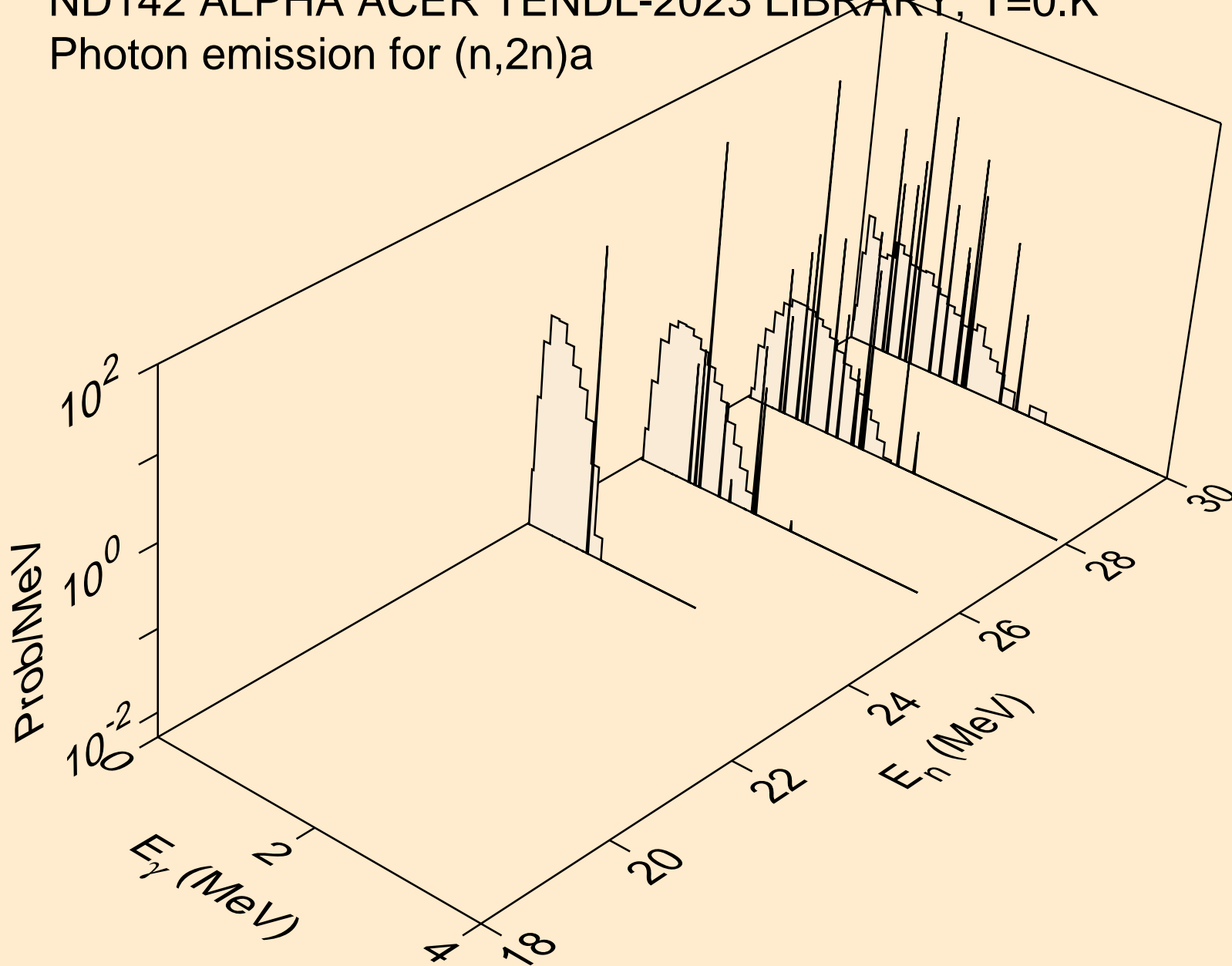
ND142 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)



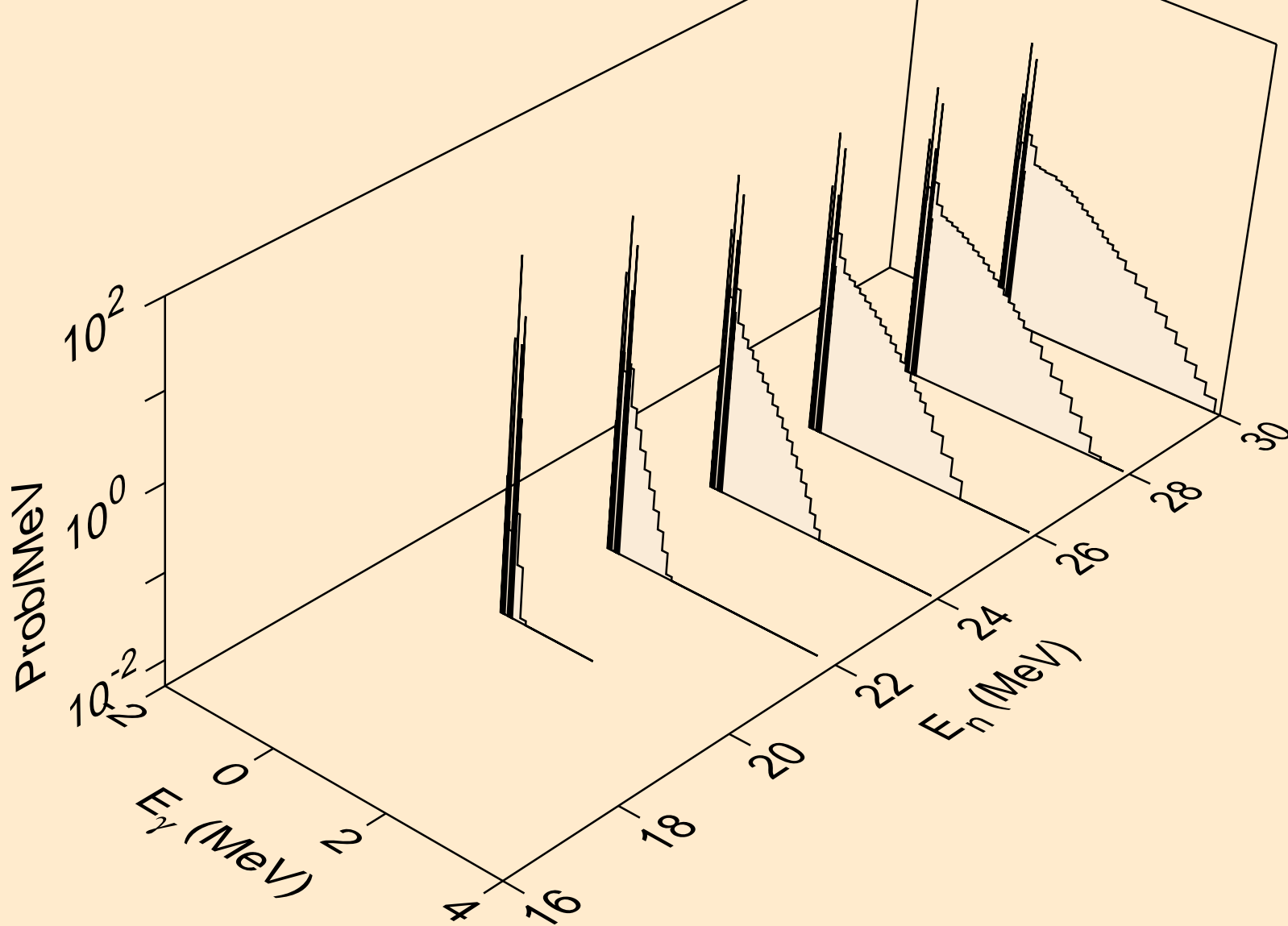
ND142 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)a



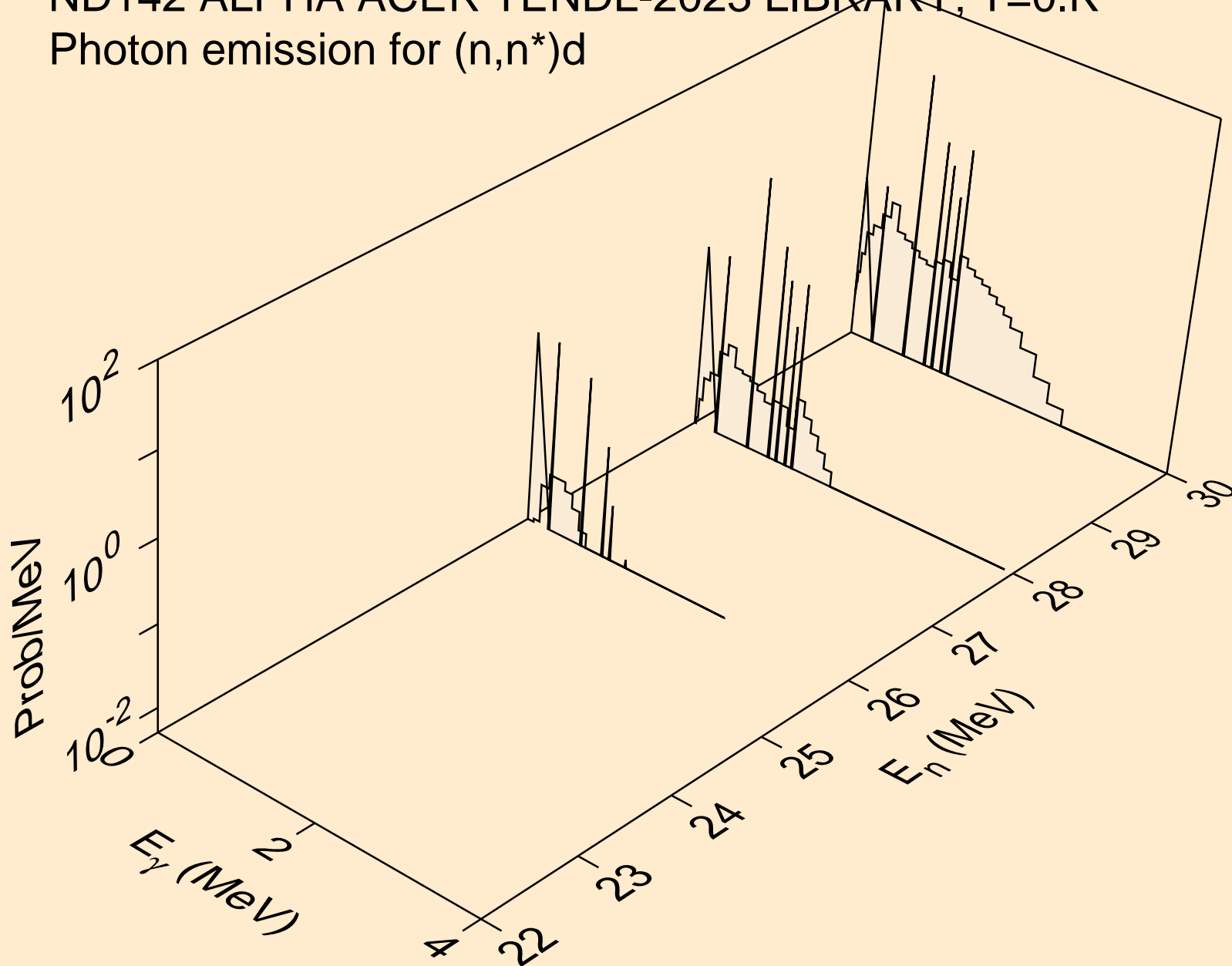
ND142 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)a



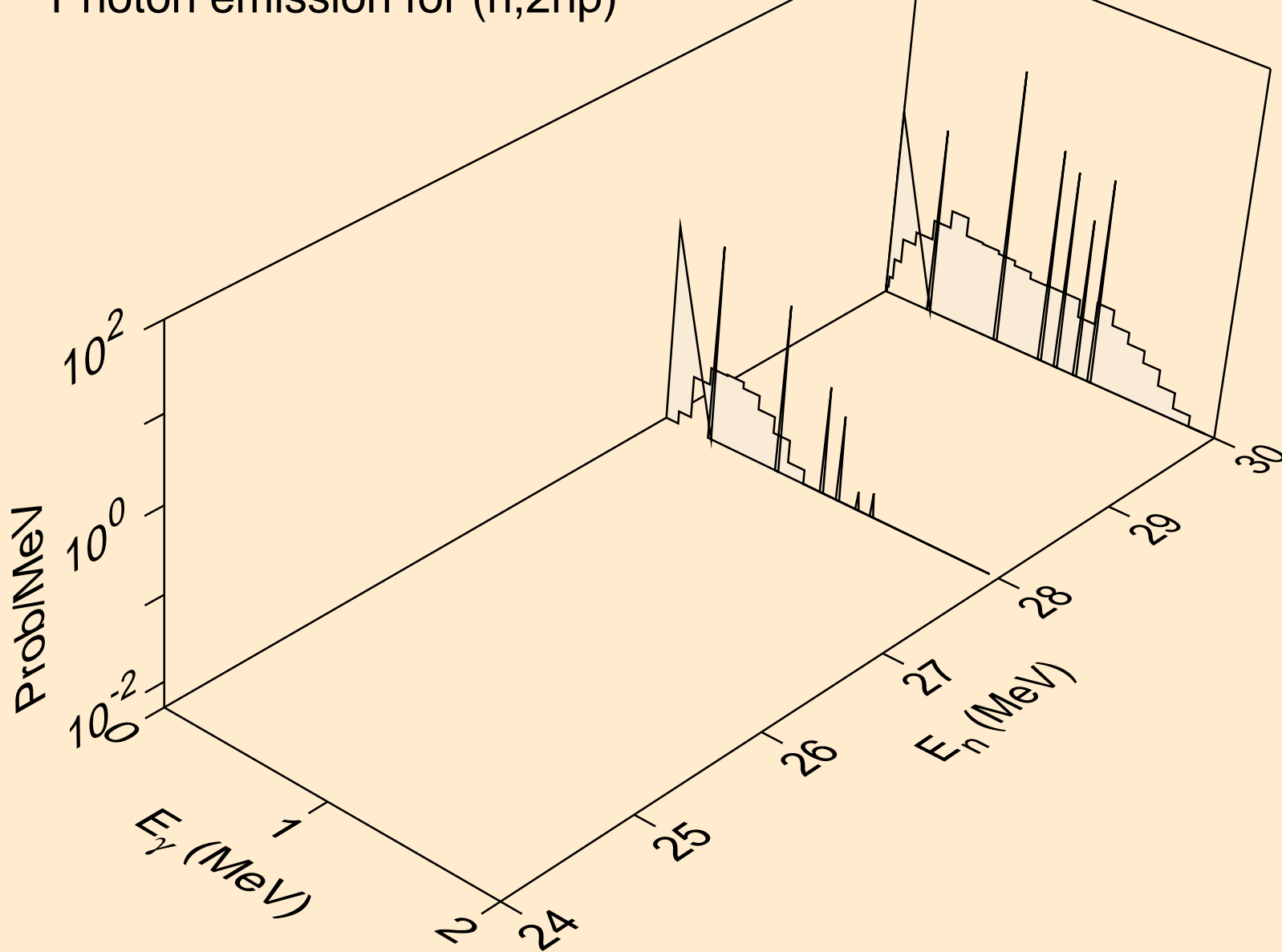
ND142 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)p



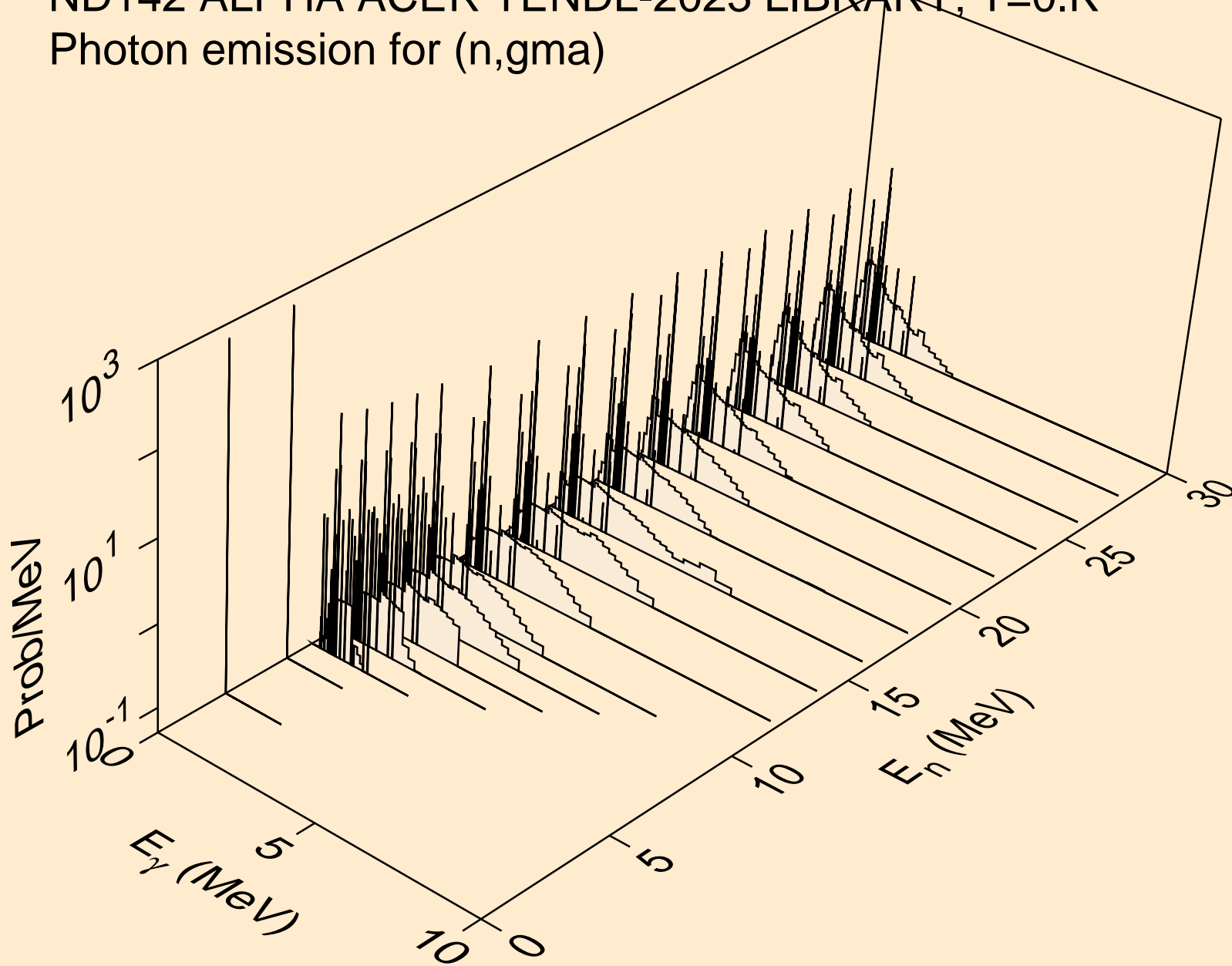
ND142 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)d



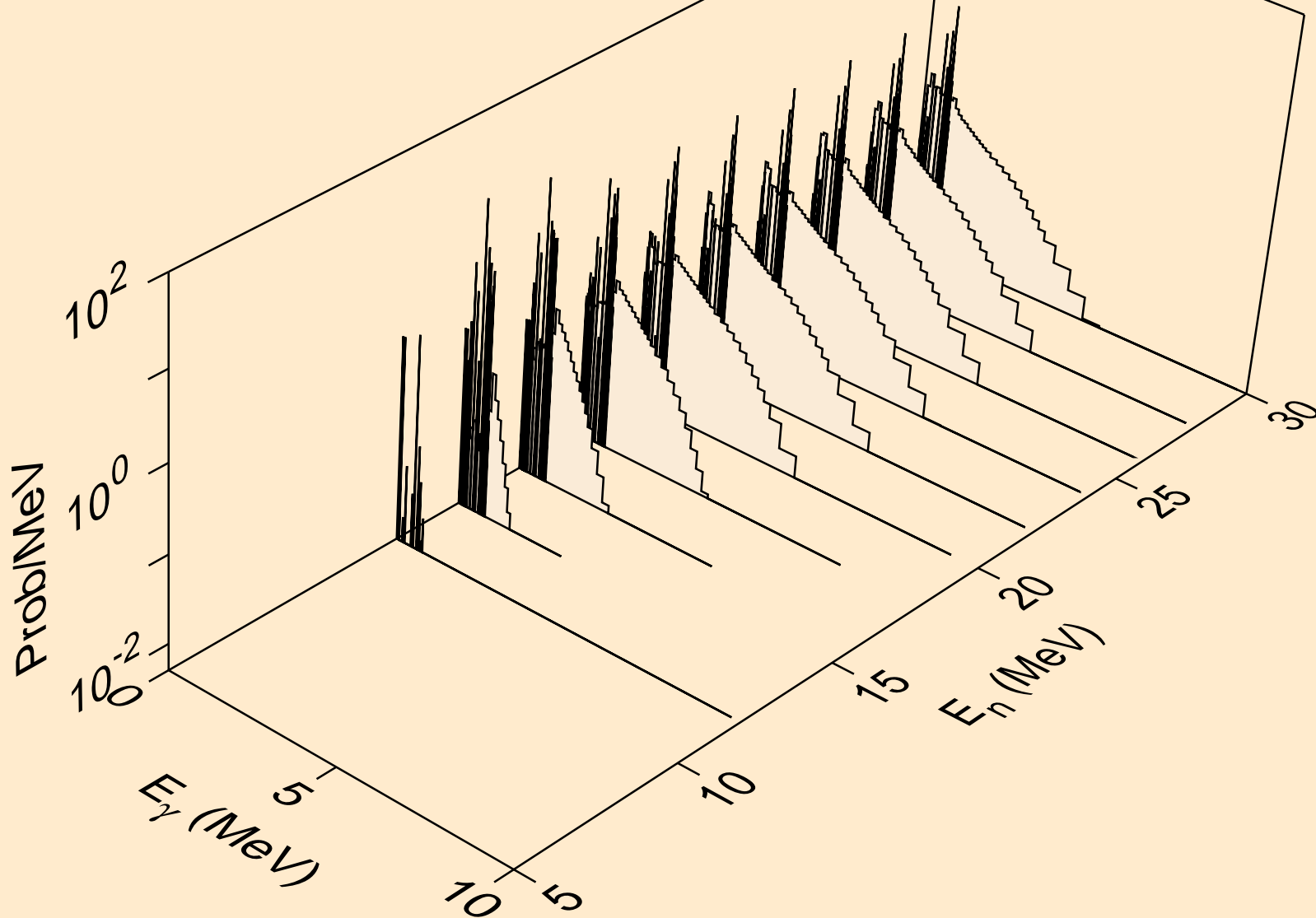
ND142 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2np)



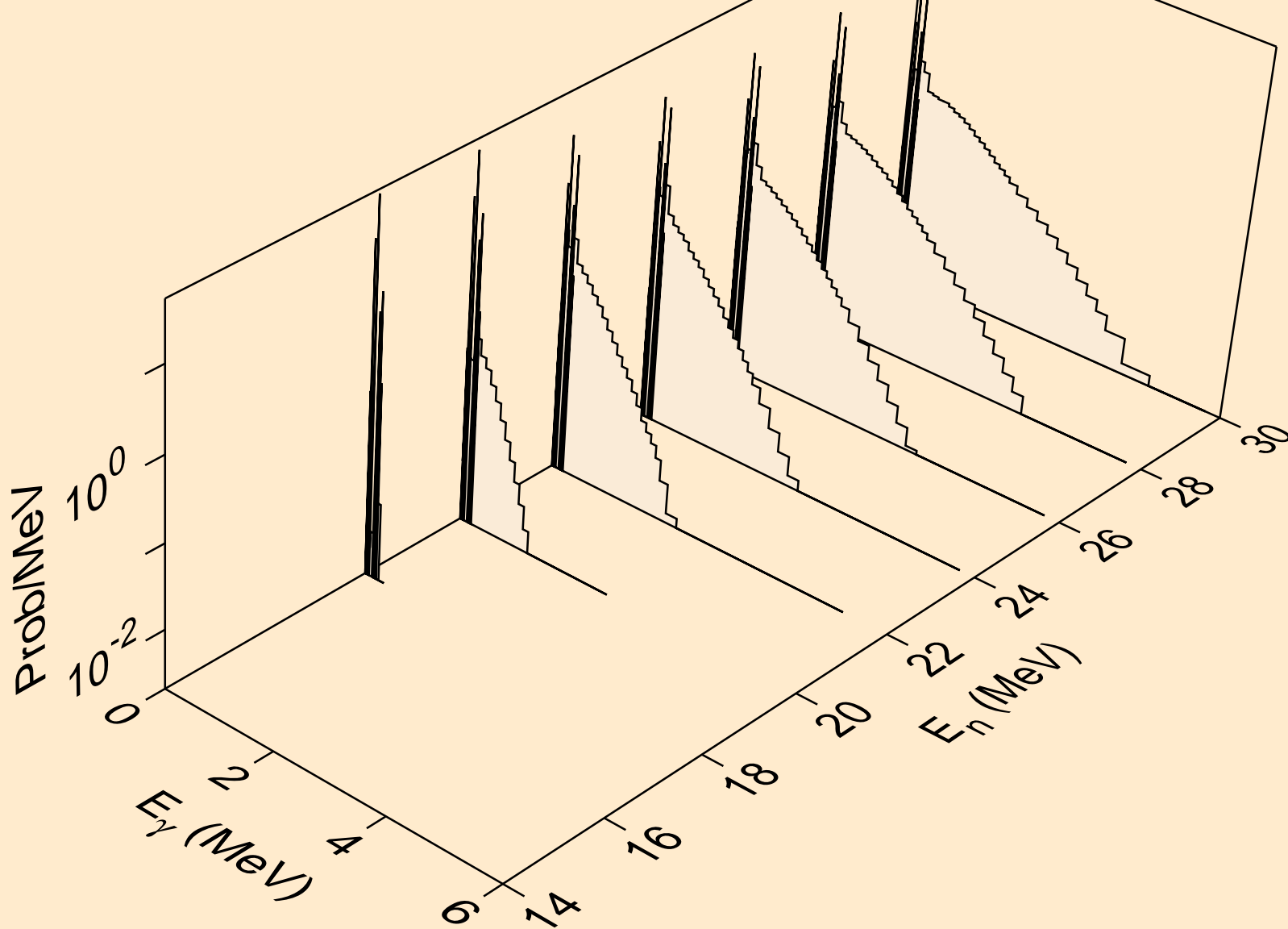
ND142 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



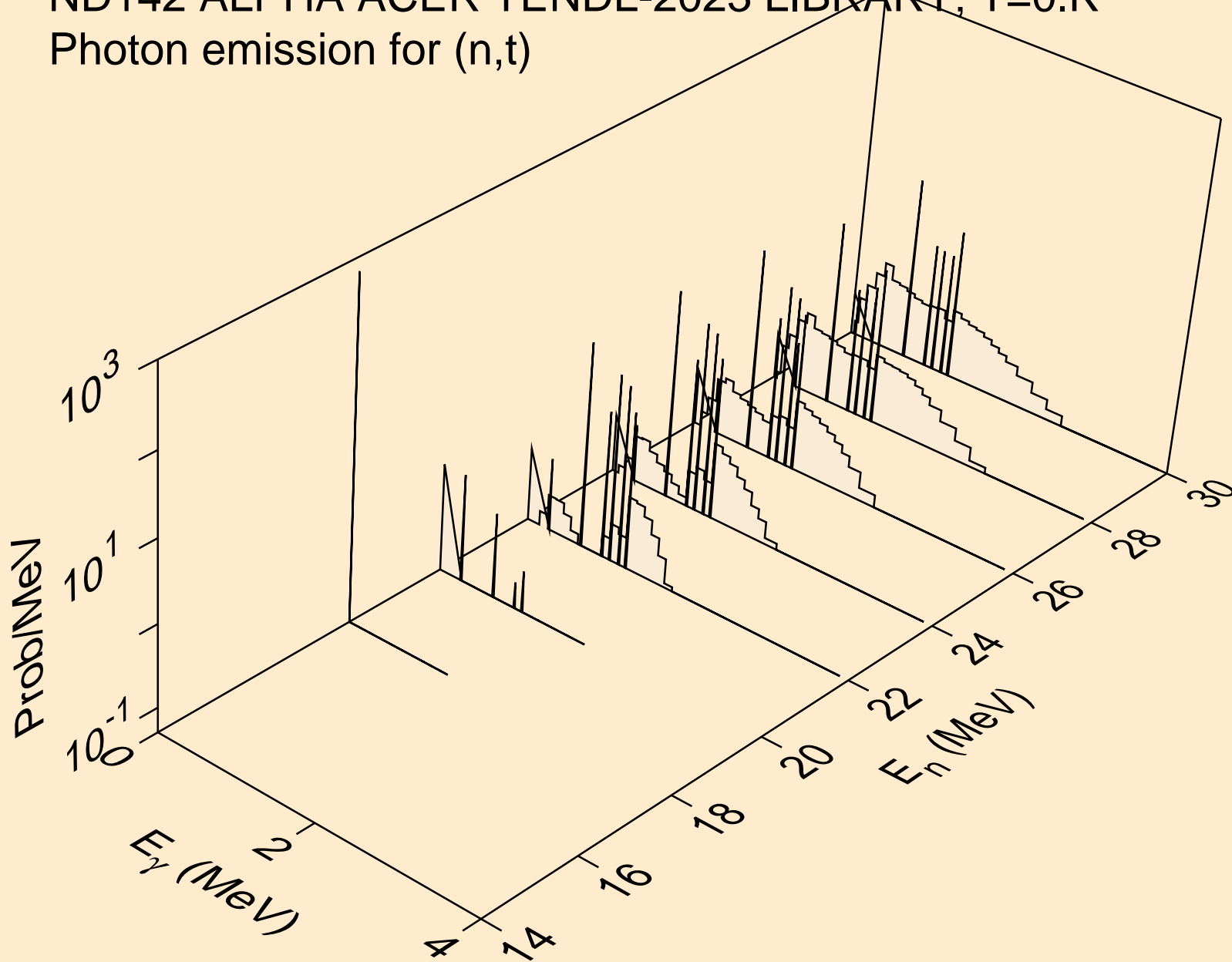
ND142 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p)



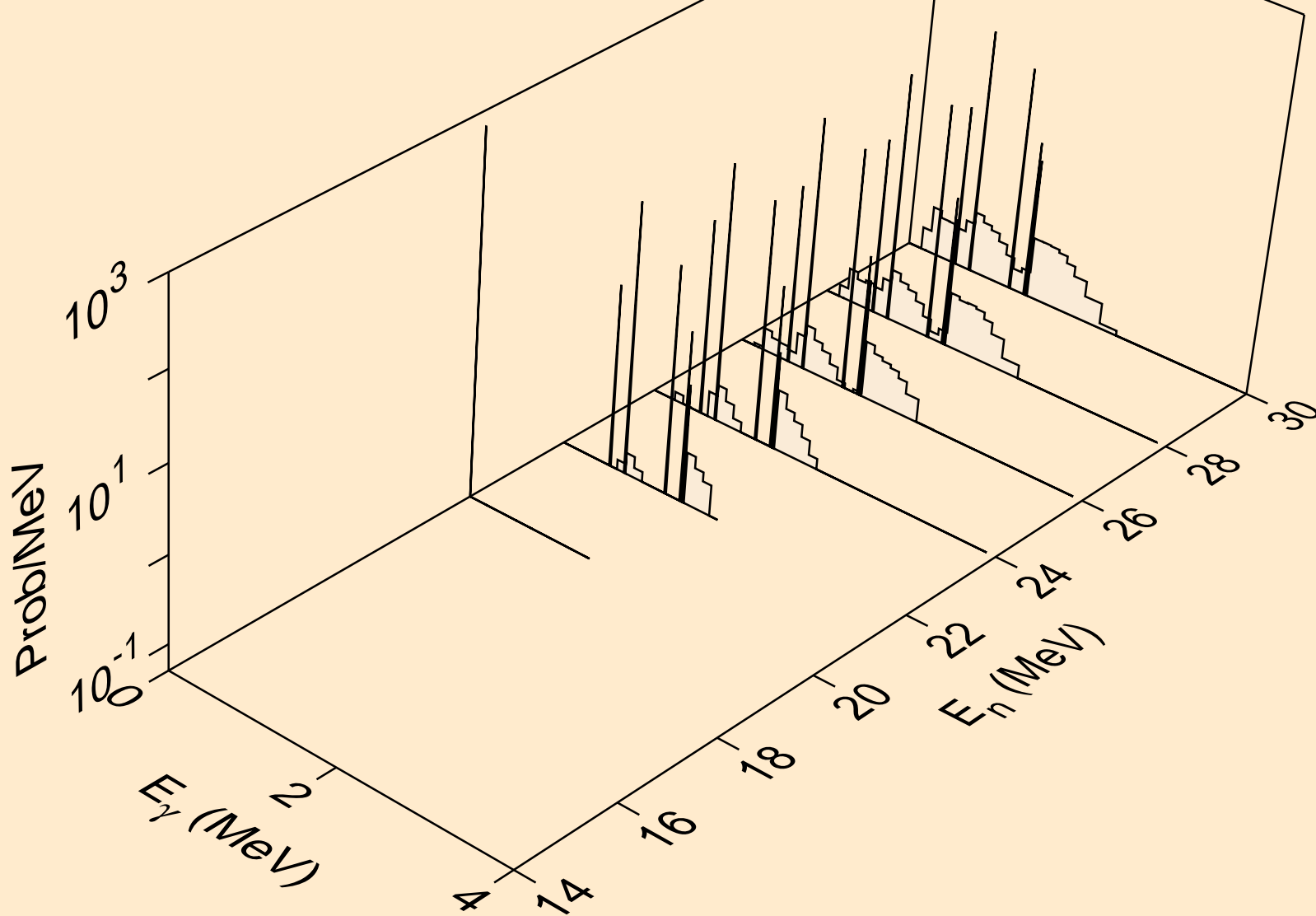
ND142 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)



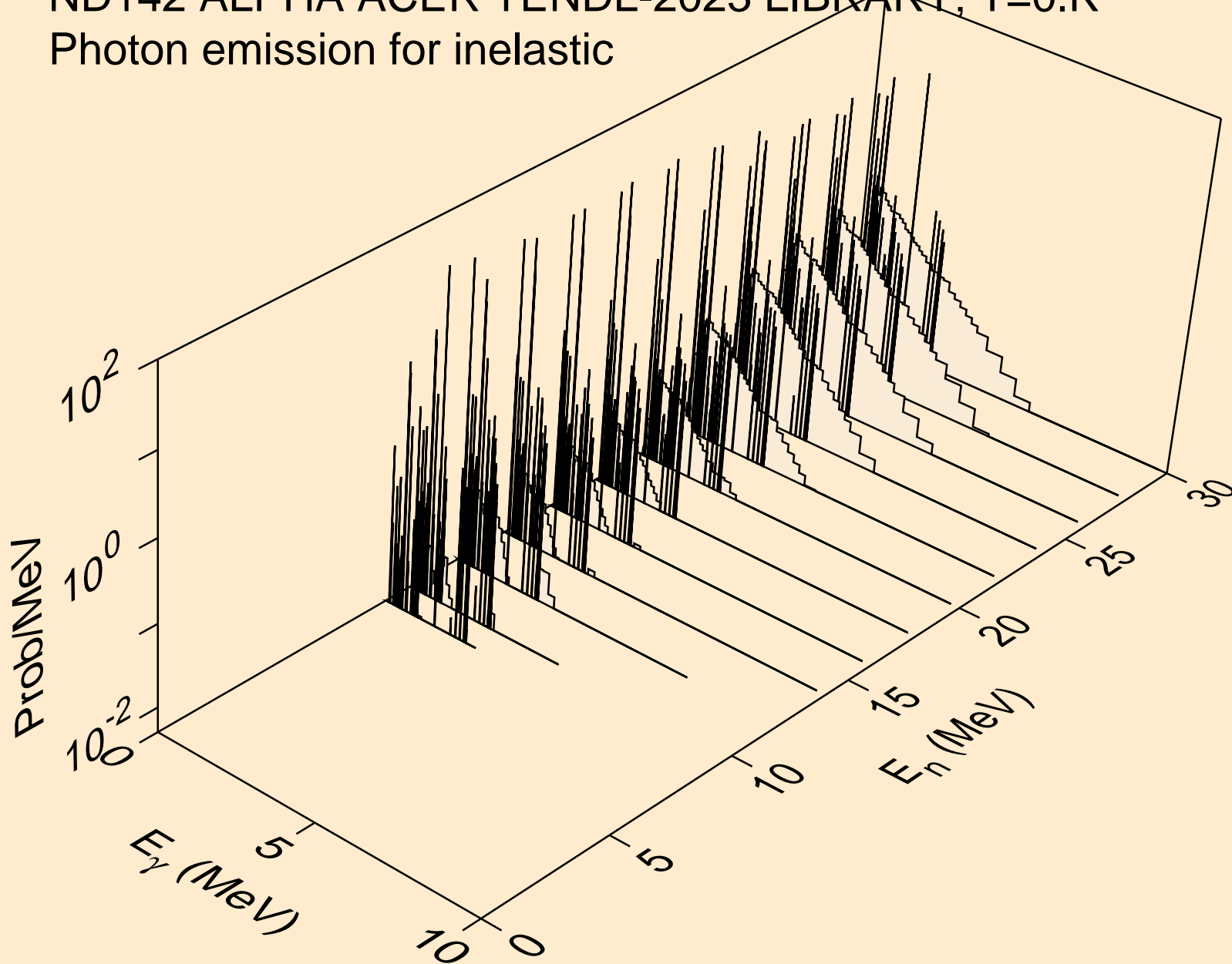
ND142 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)



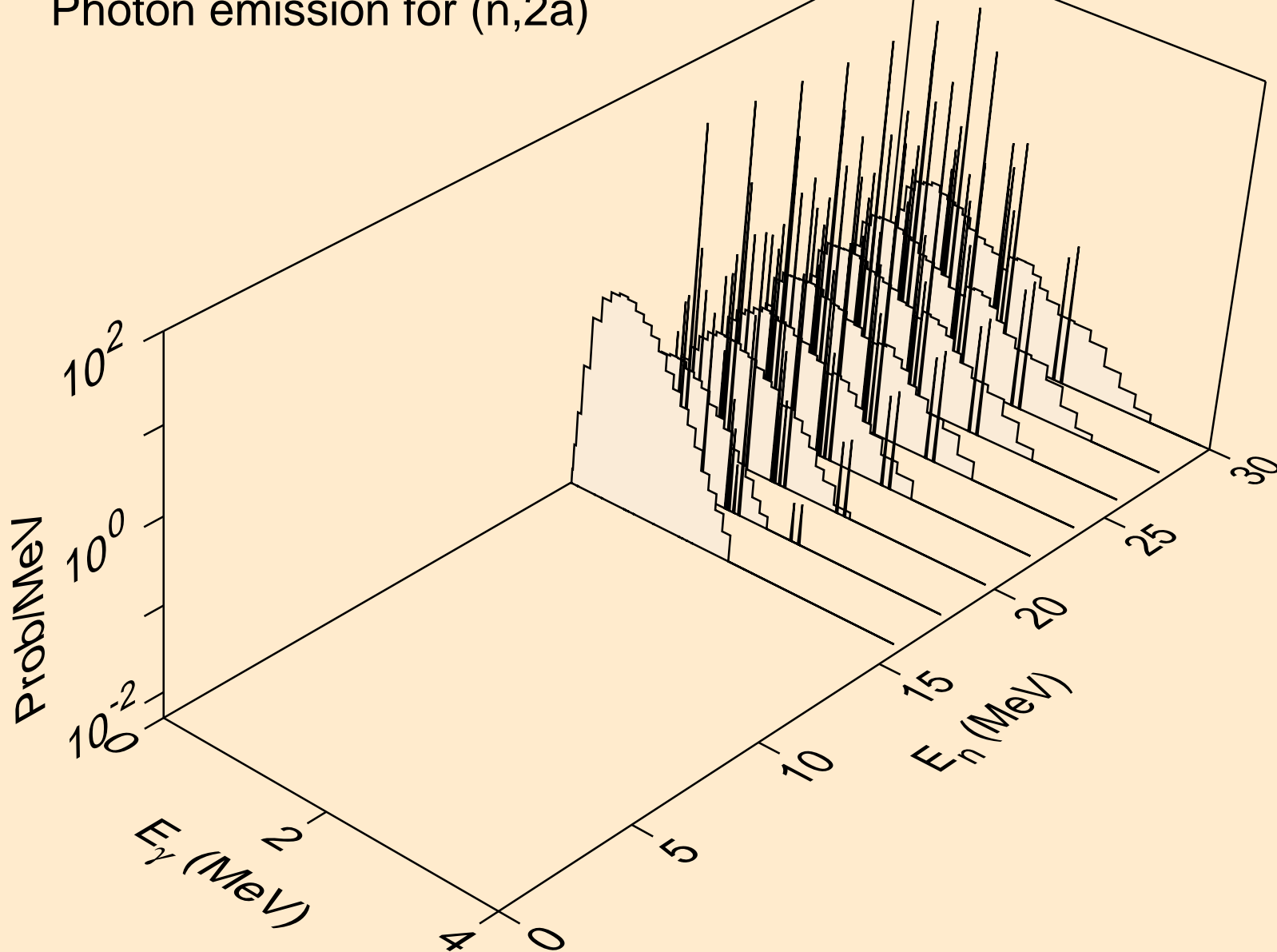
ND142 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,he3)



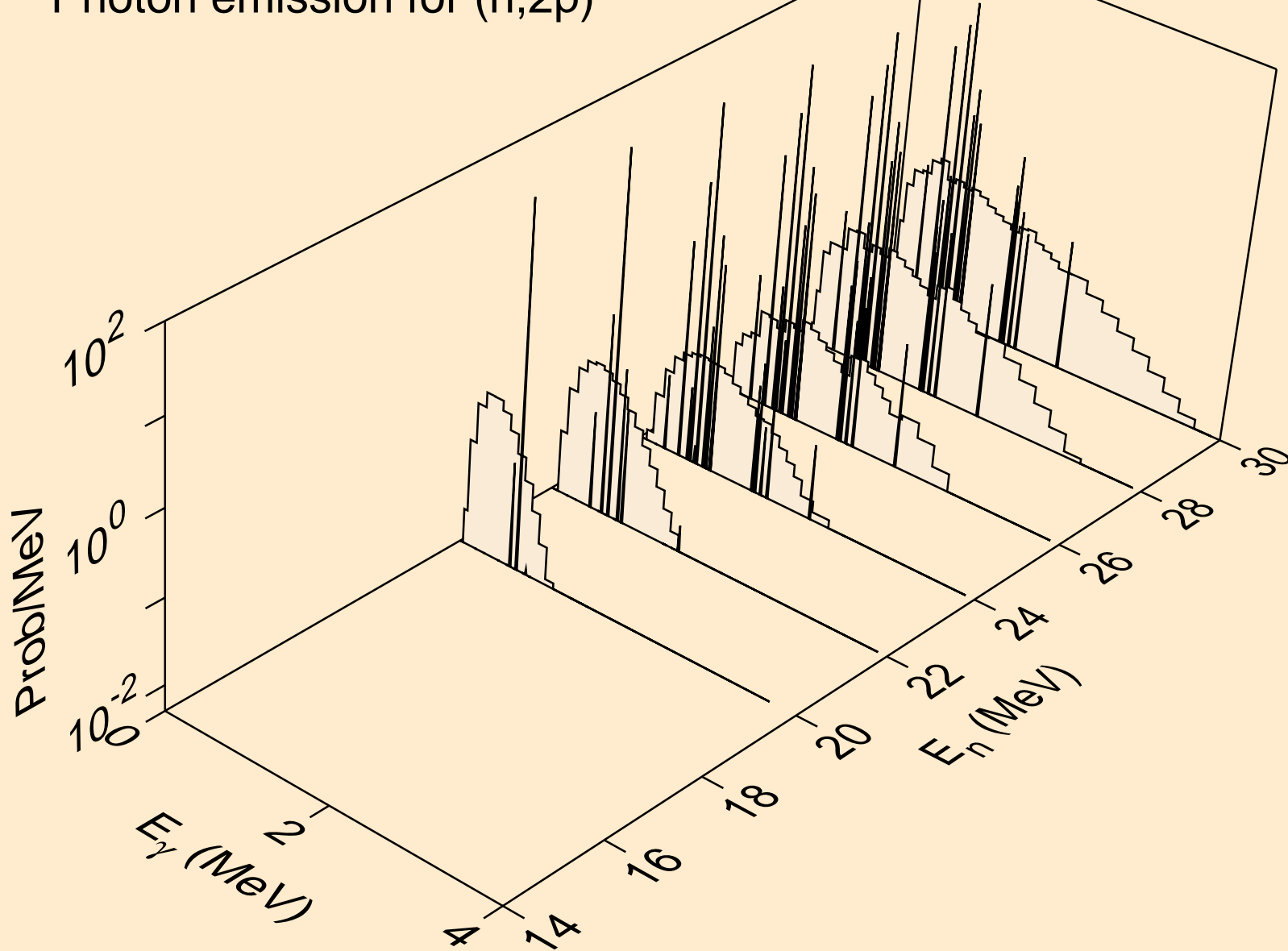
ND142 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for inelastic



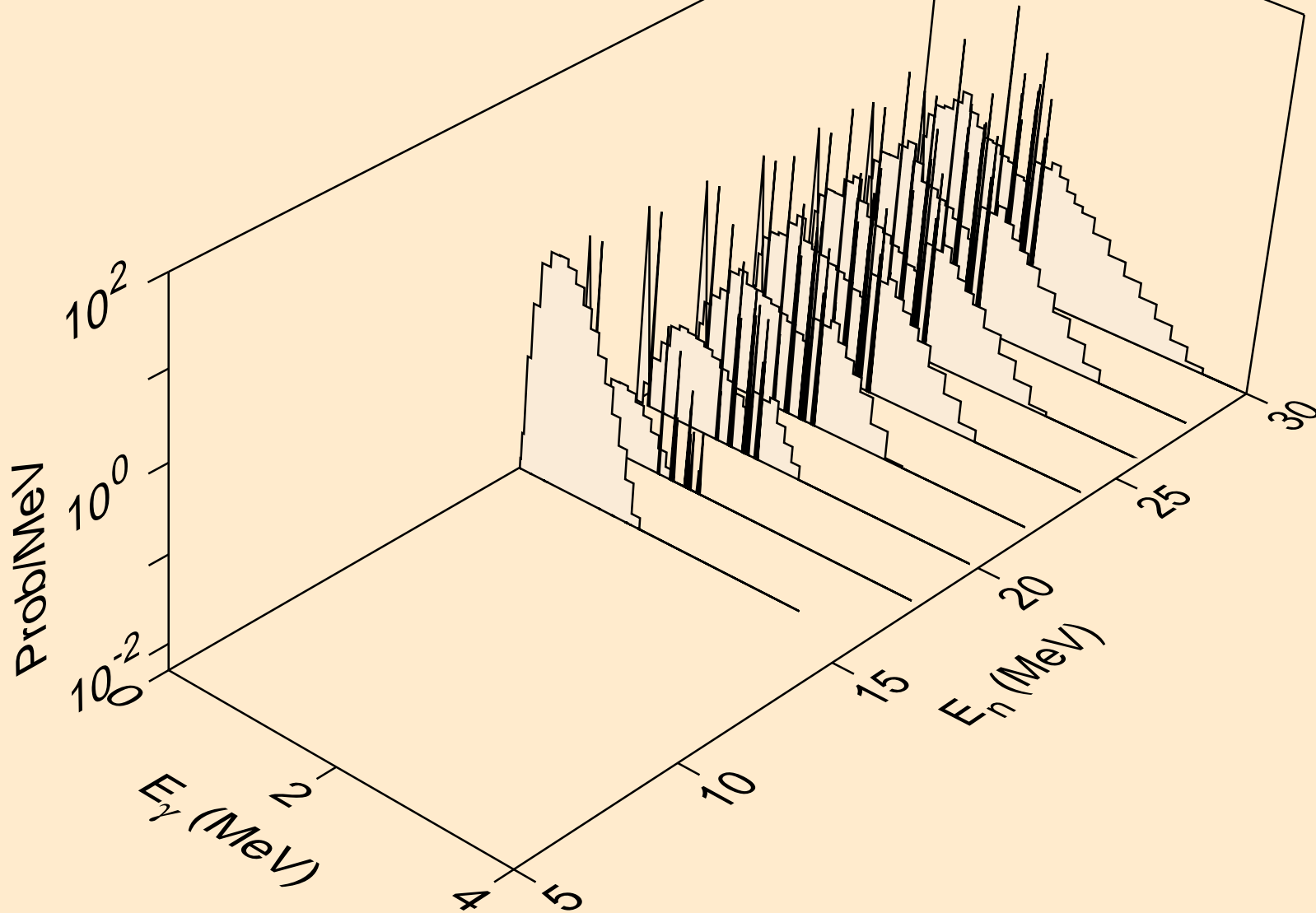
ND142 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2a)



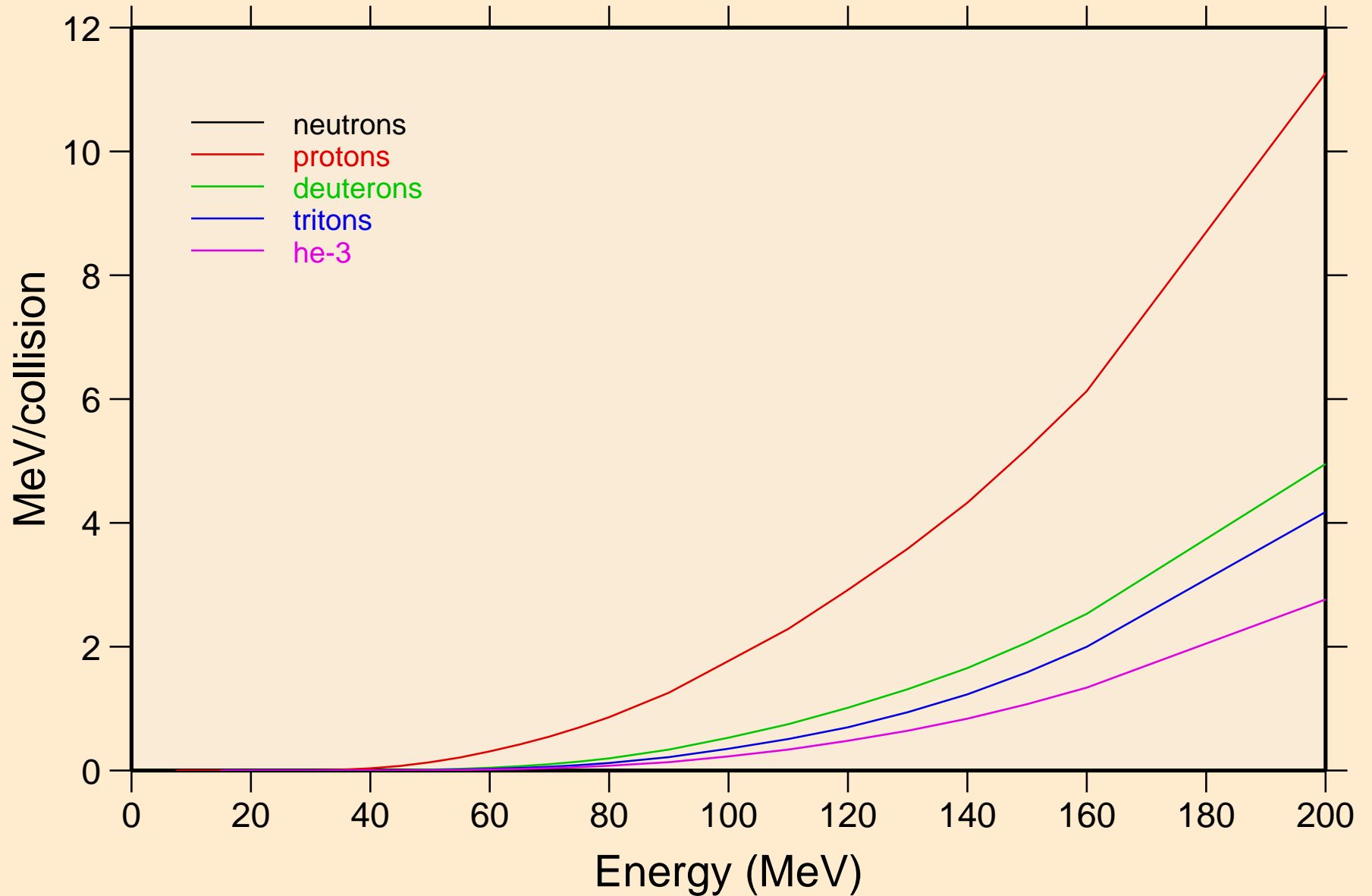
ND142 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2p)



ND142 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pa)

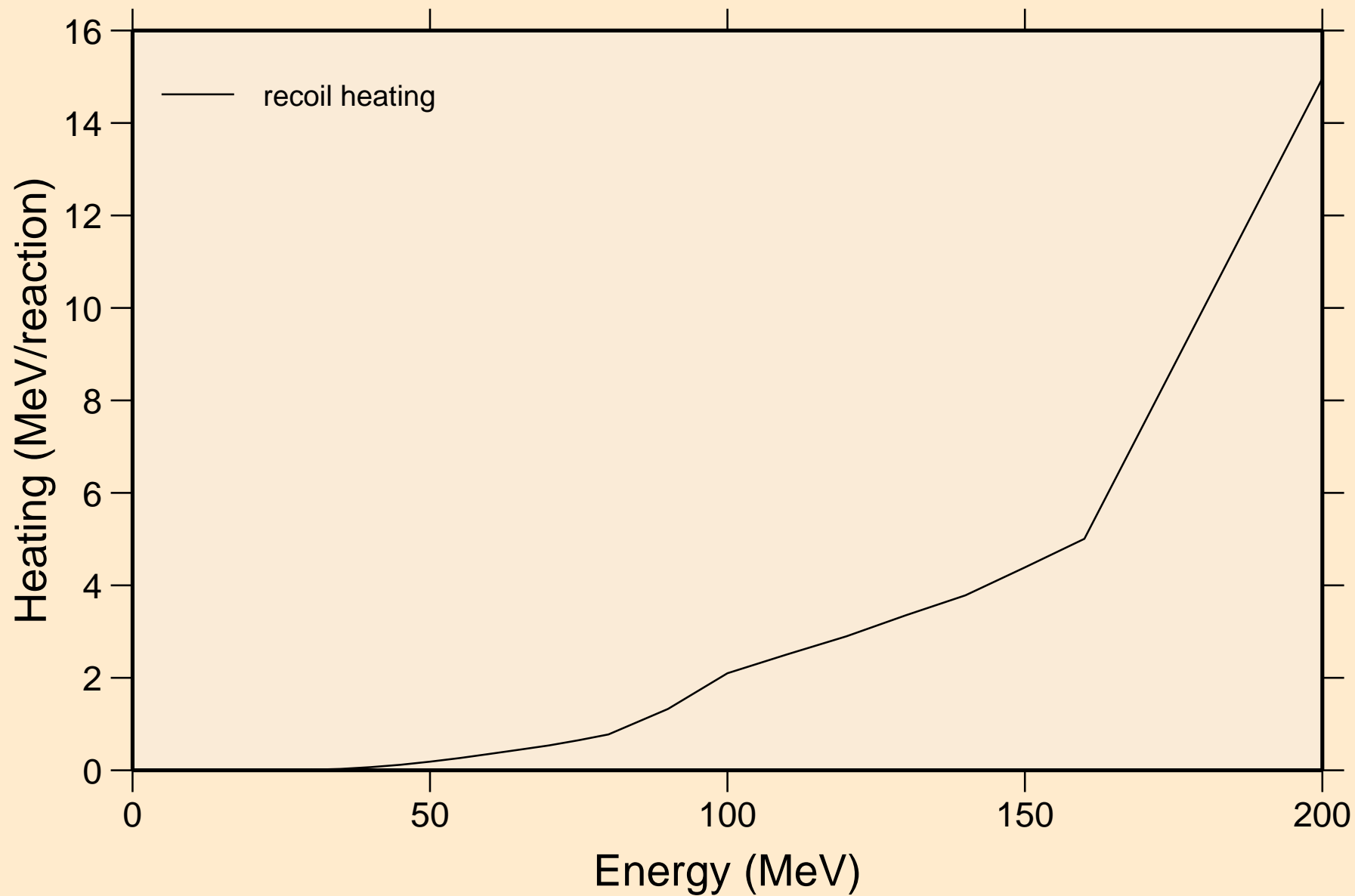


ND142 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Particle heating contributions



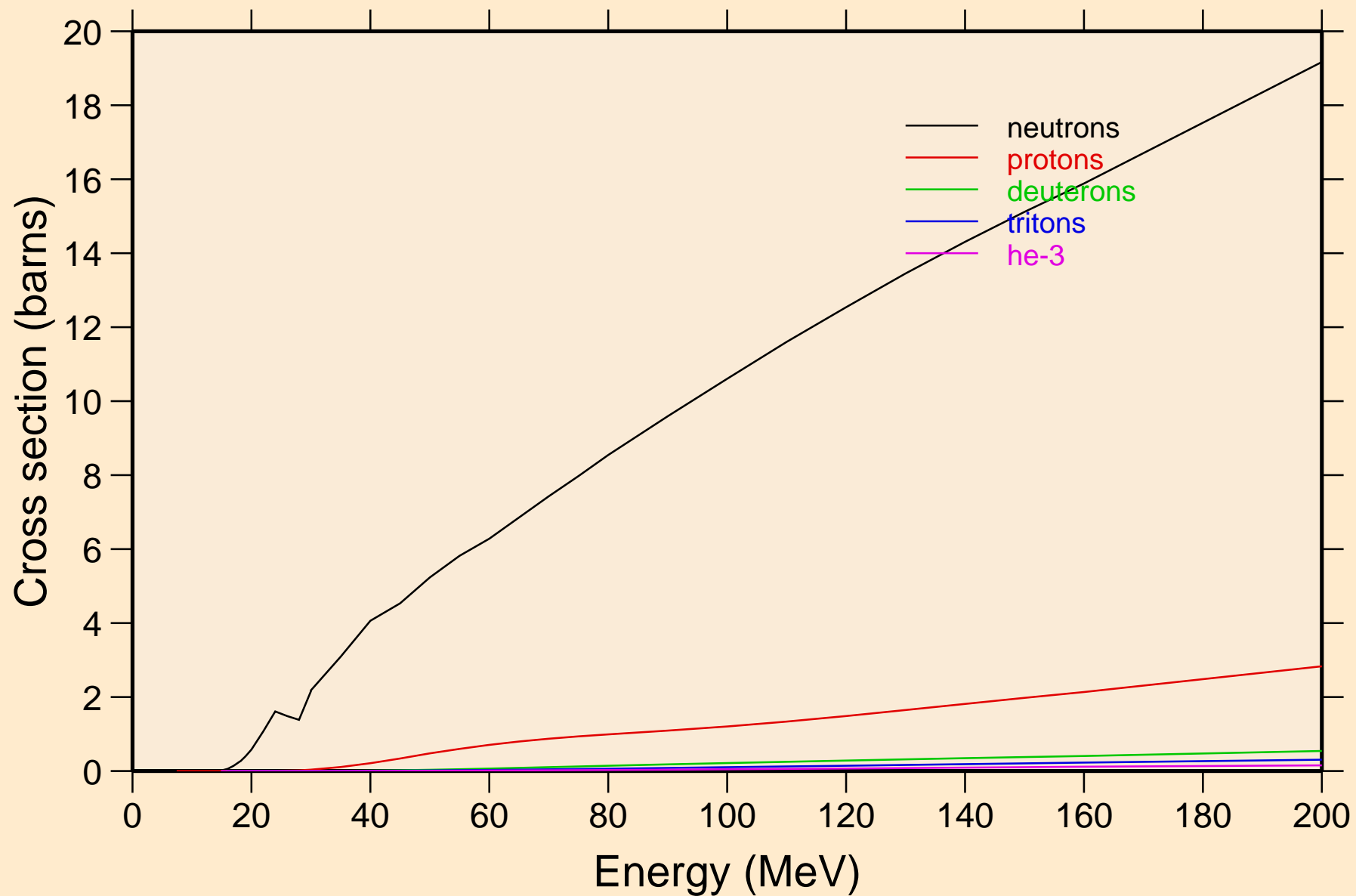
ND142 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Recoil Heating

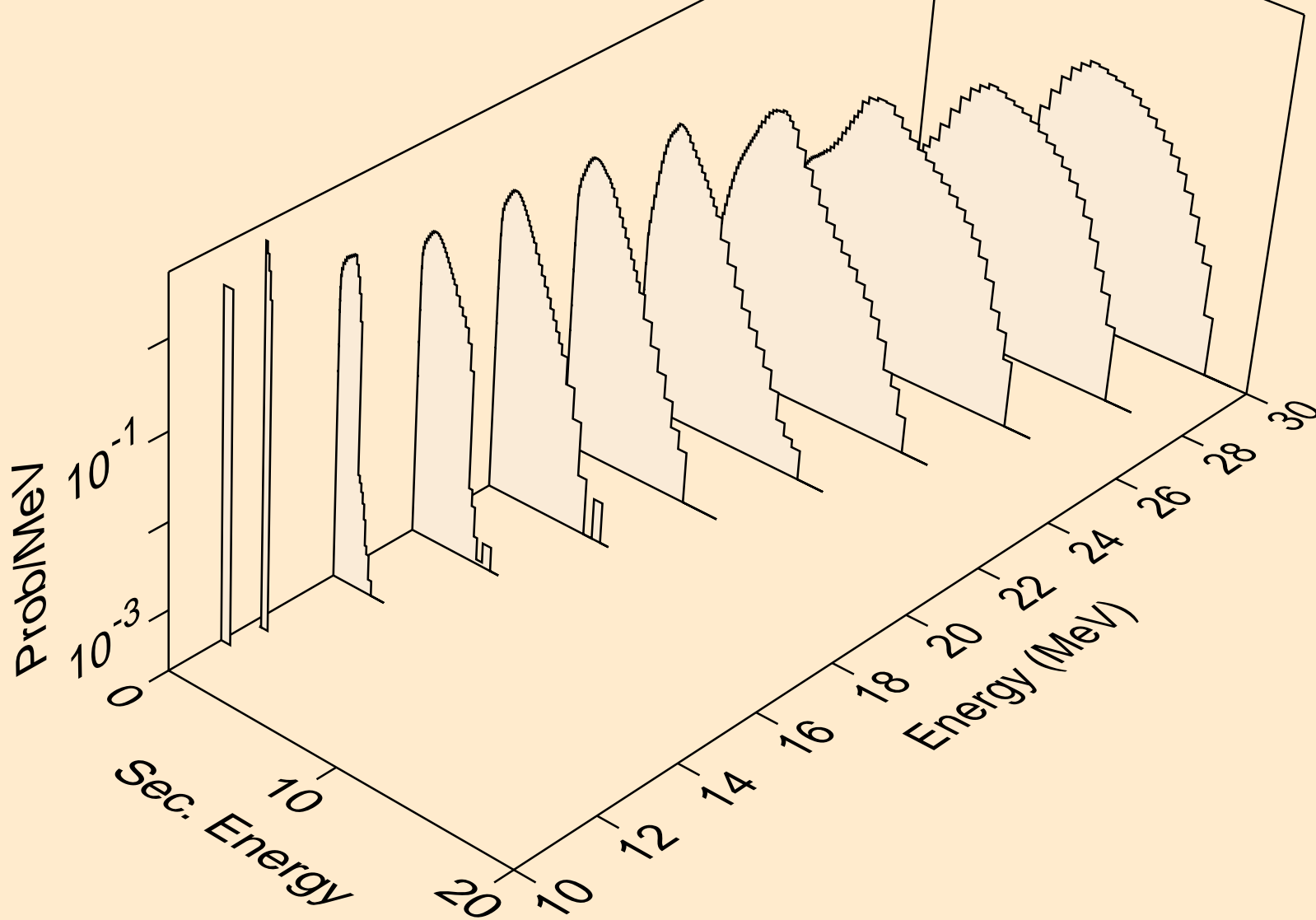


ND142 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

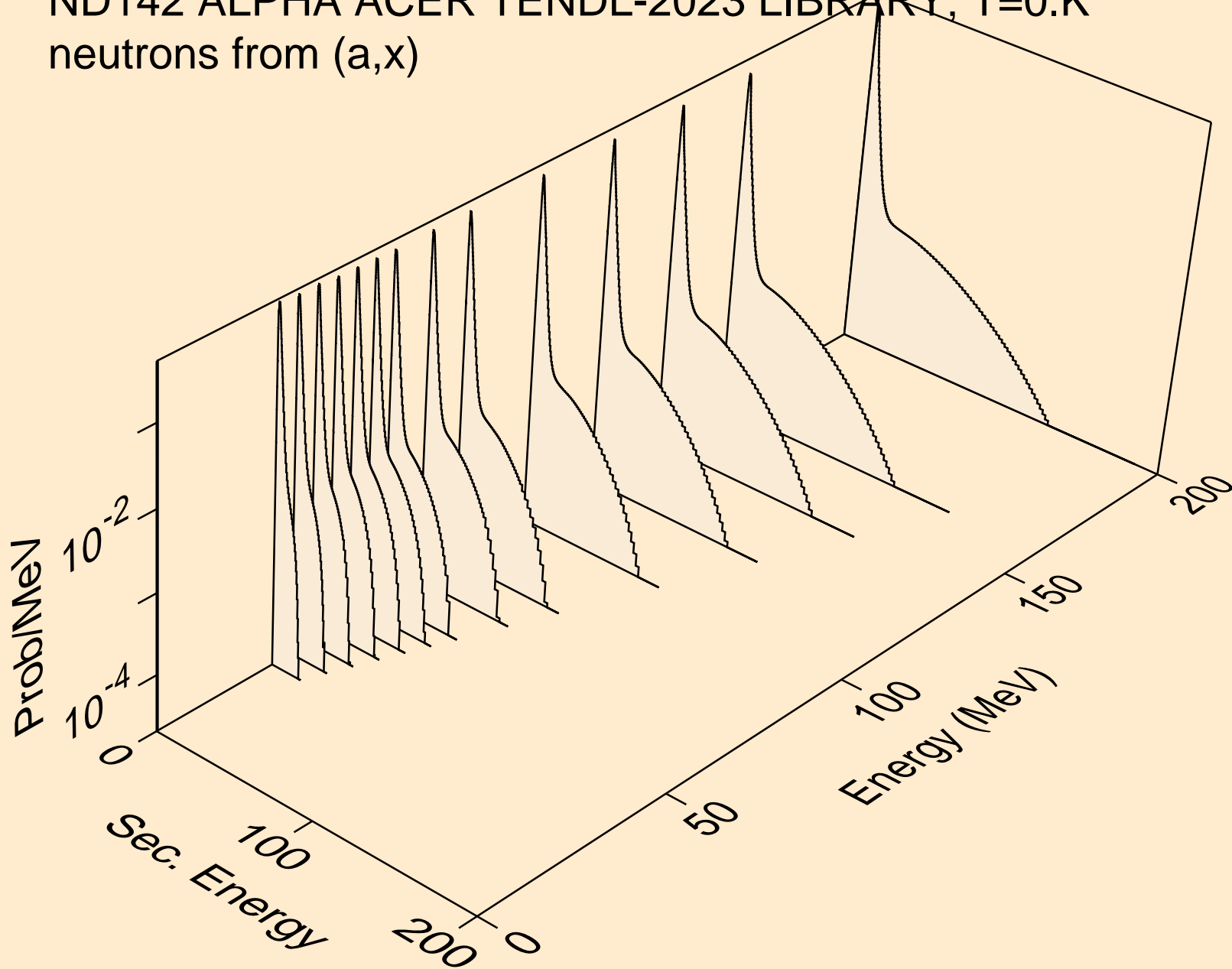
Particle production cross sections



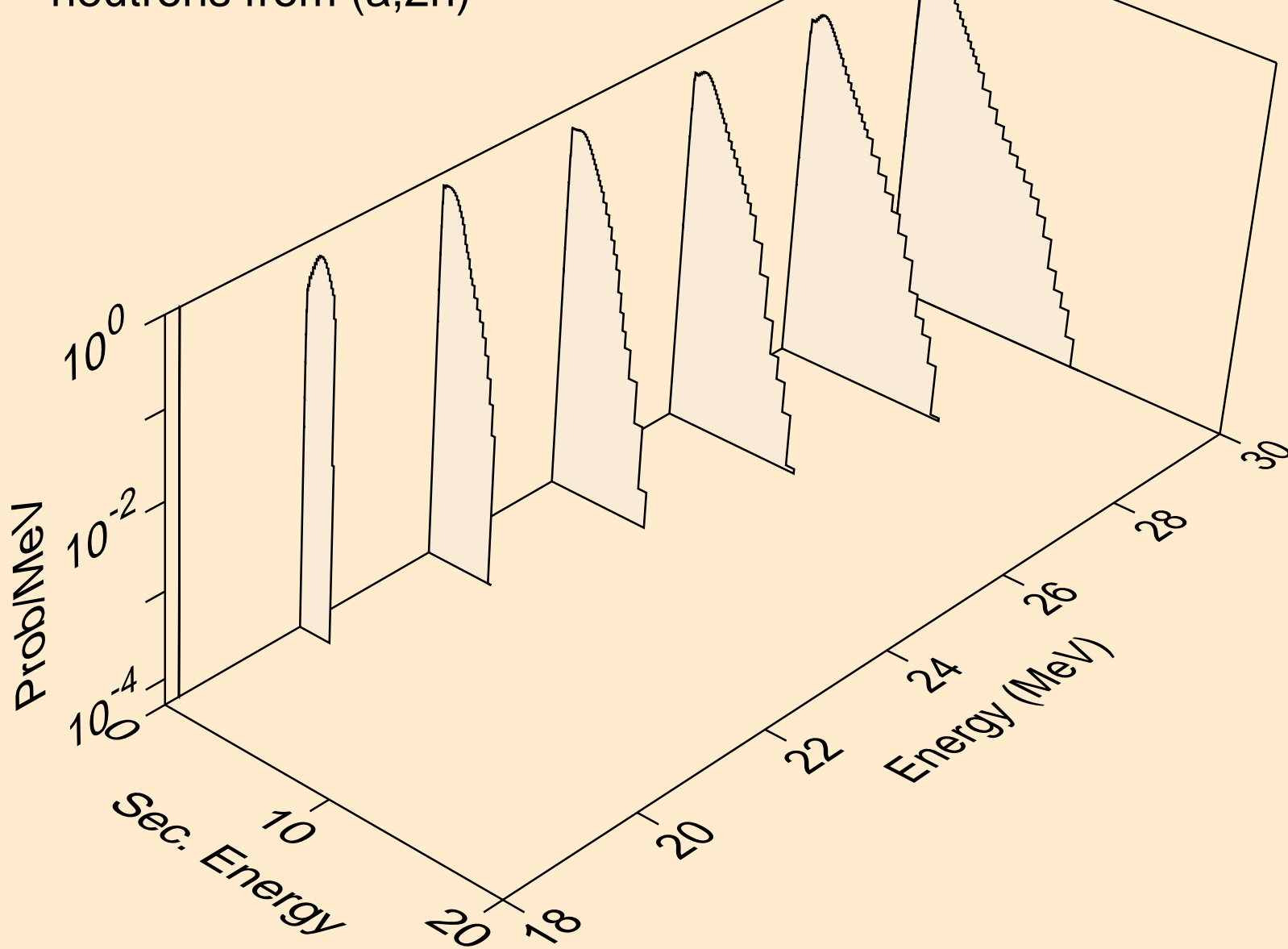
ND142 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n)



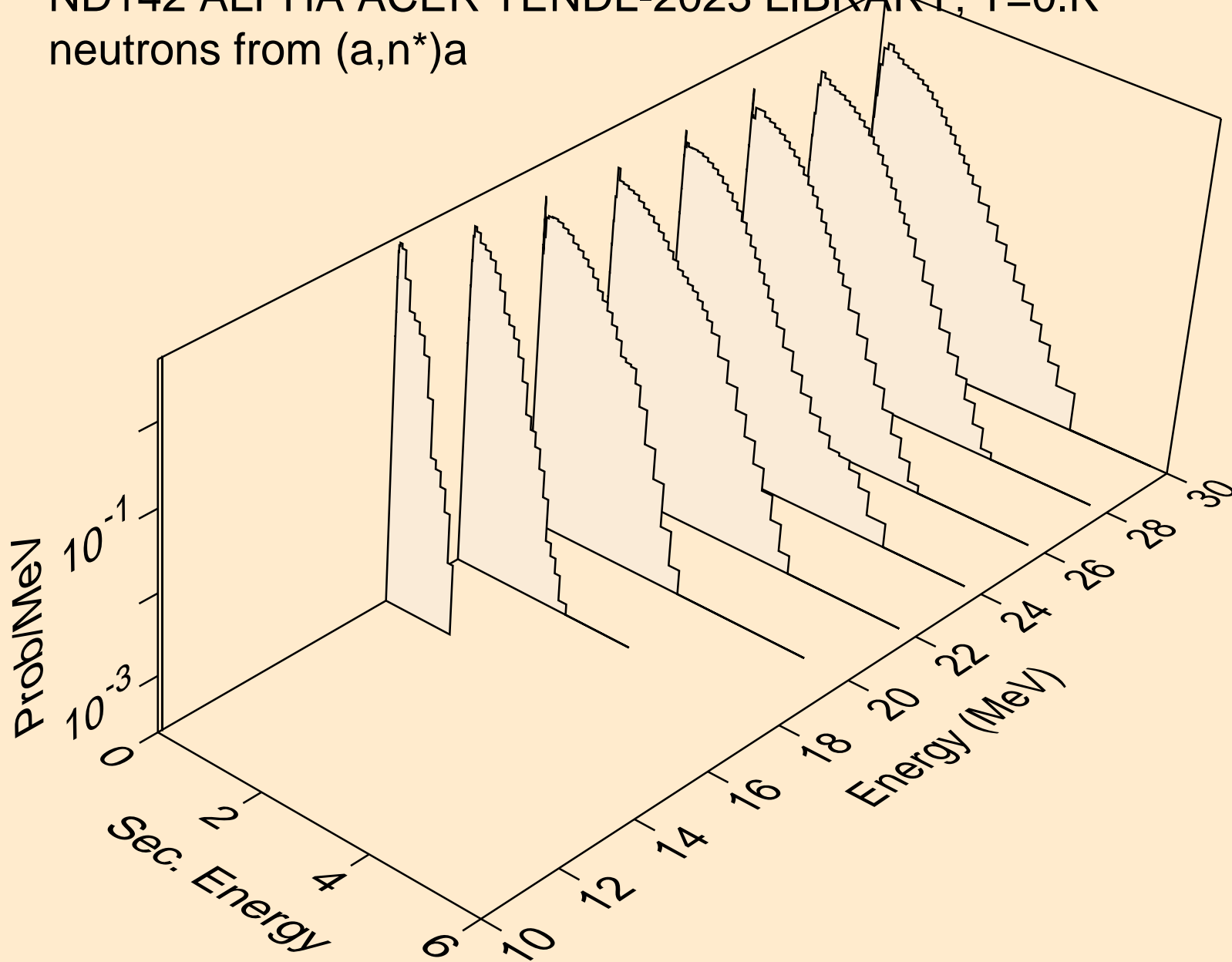
ND142 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,x)



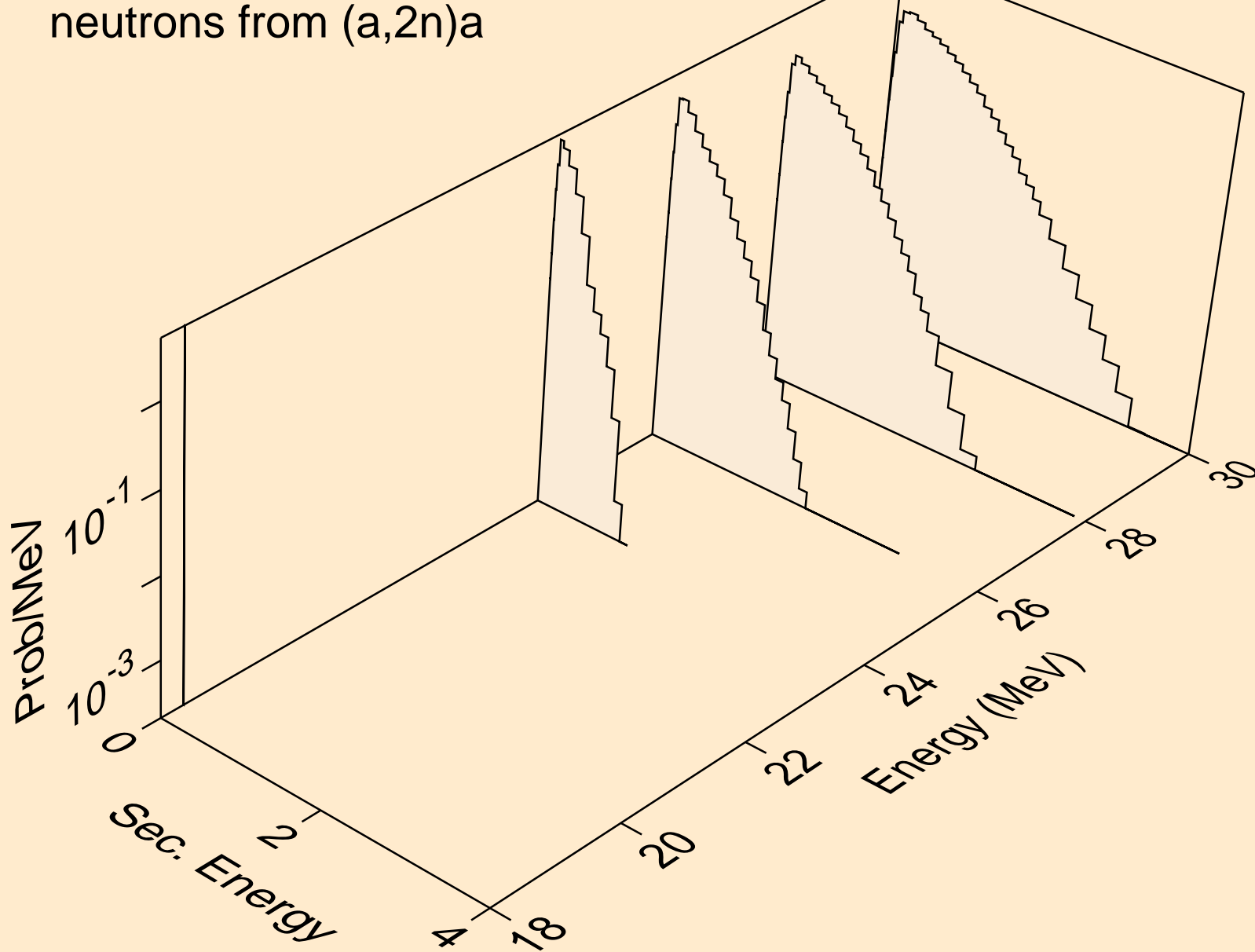
ND142 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,2n)



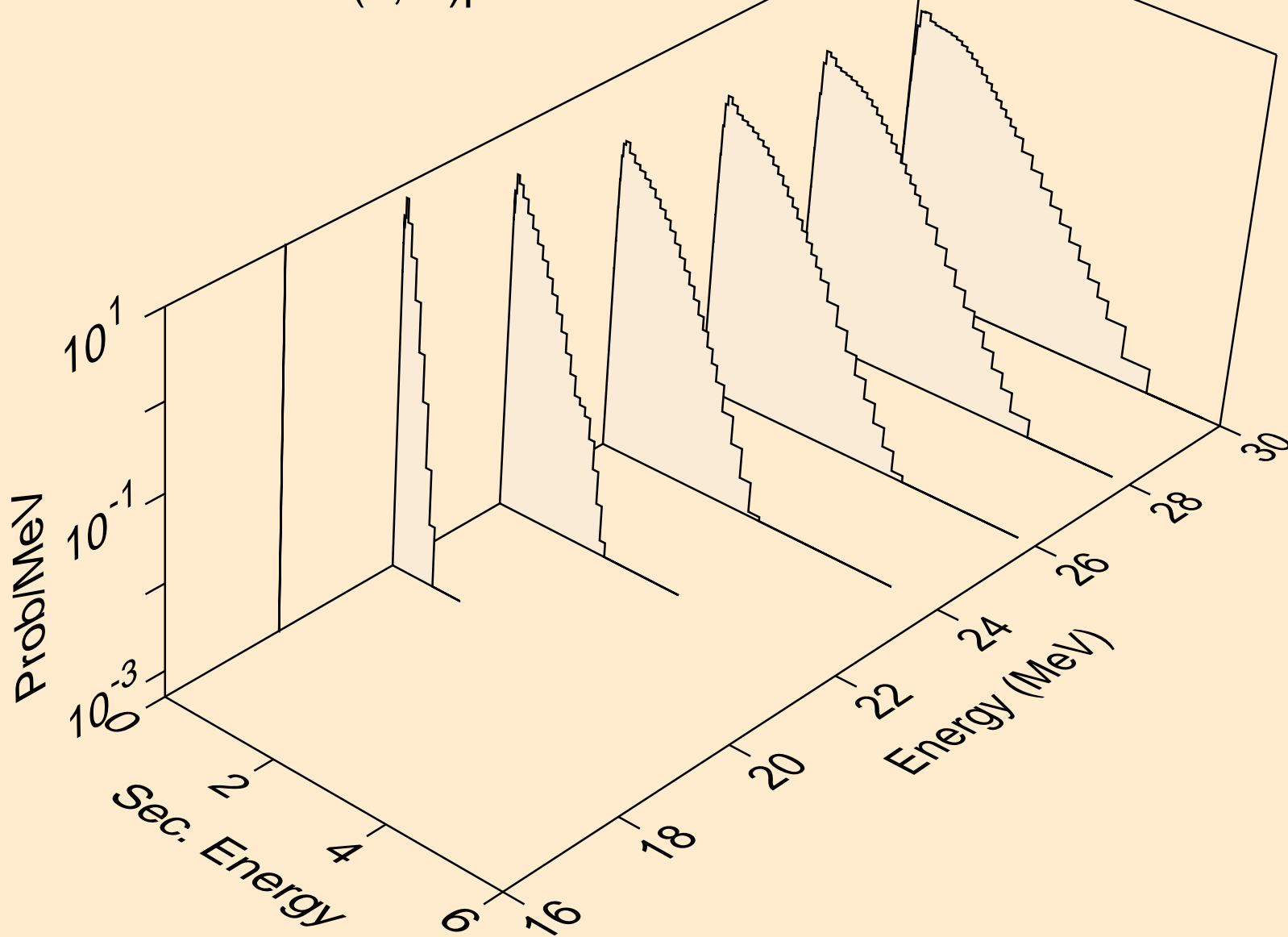
ND142 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n*)a



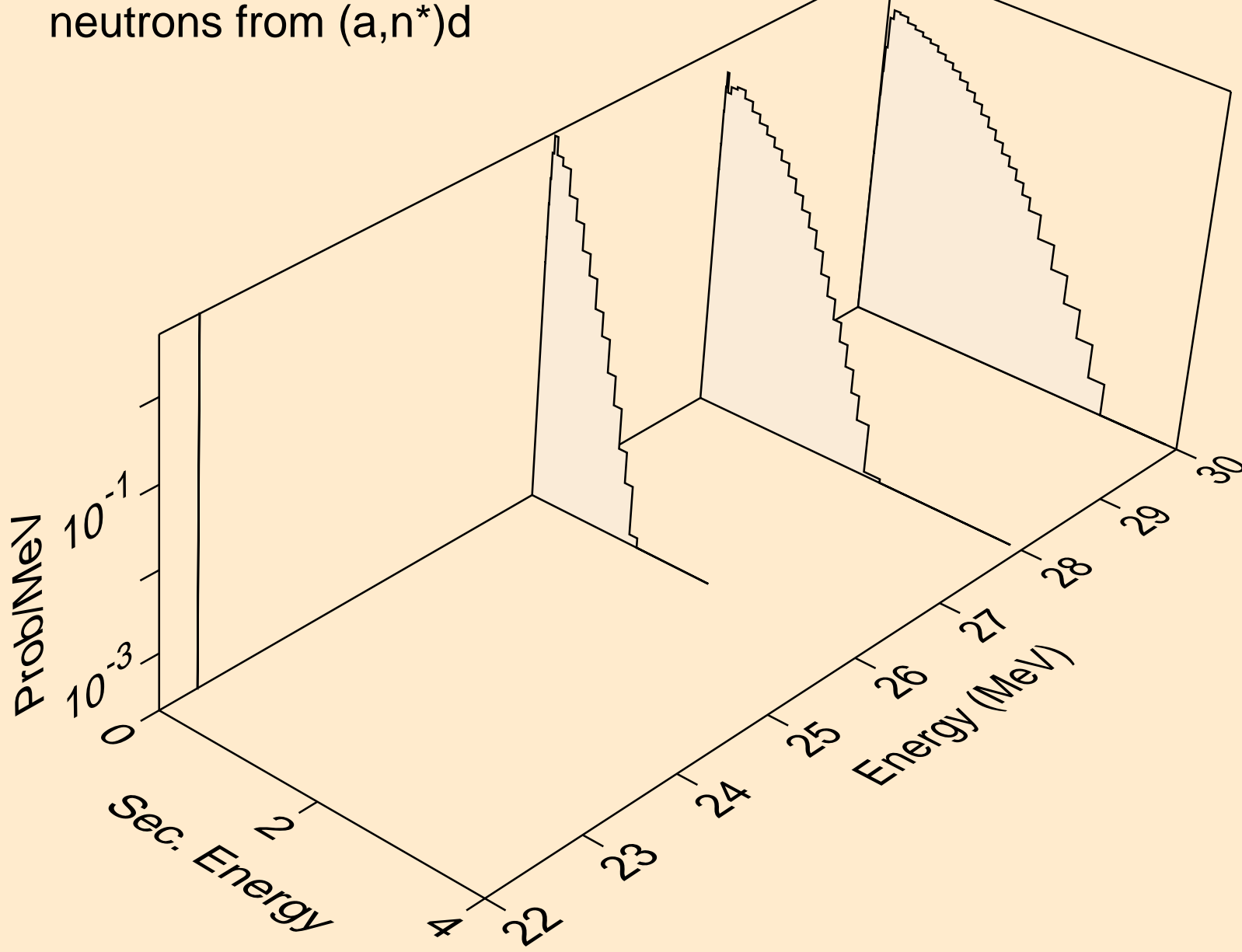
ND142 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,2n)a



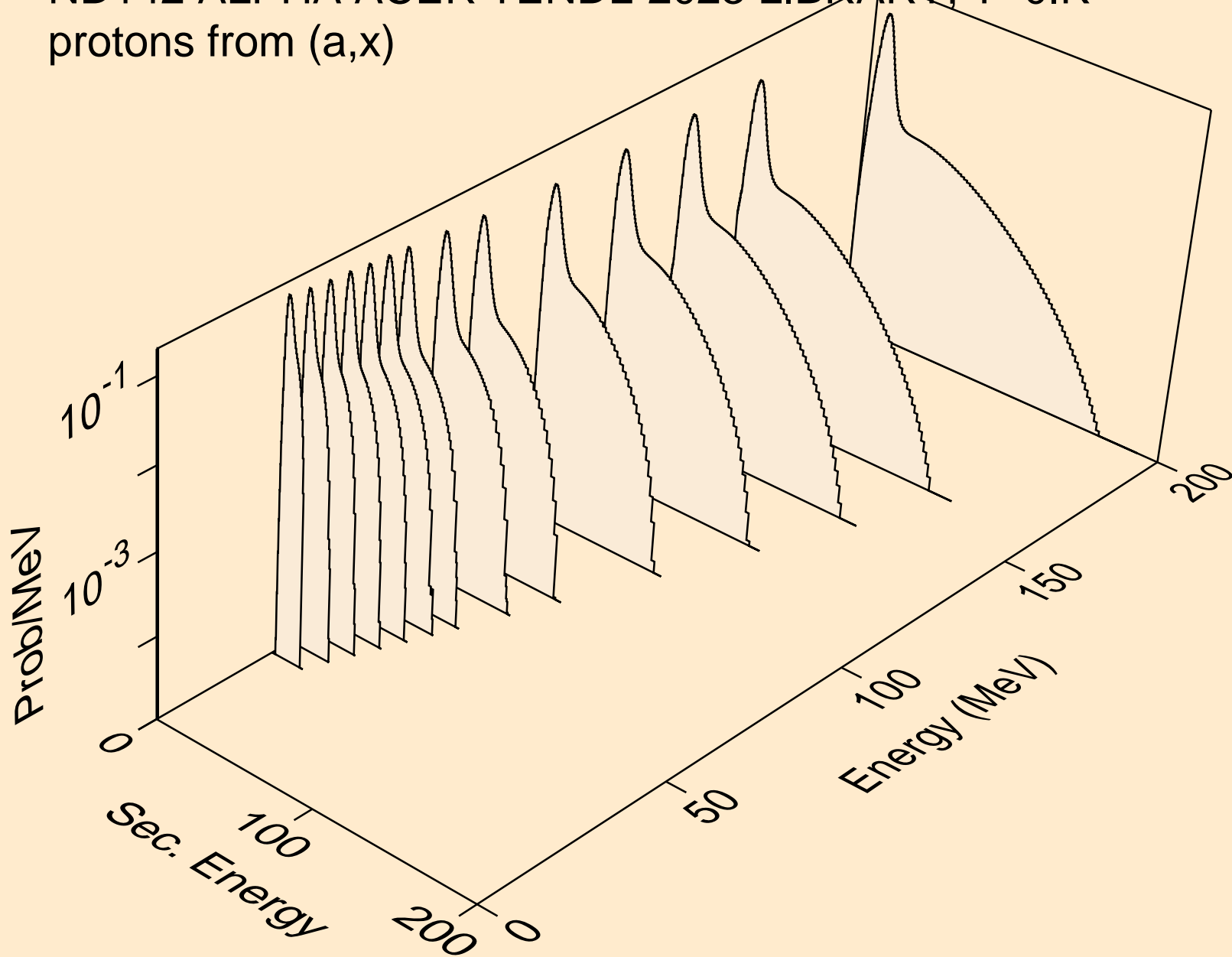
ND142 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n*)p



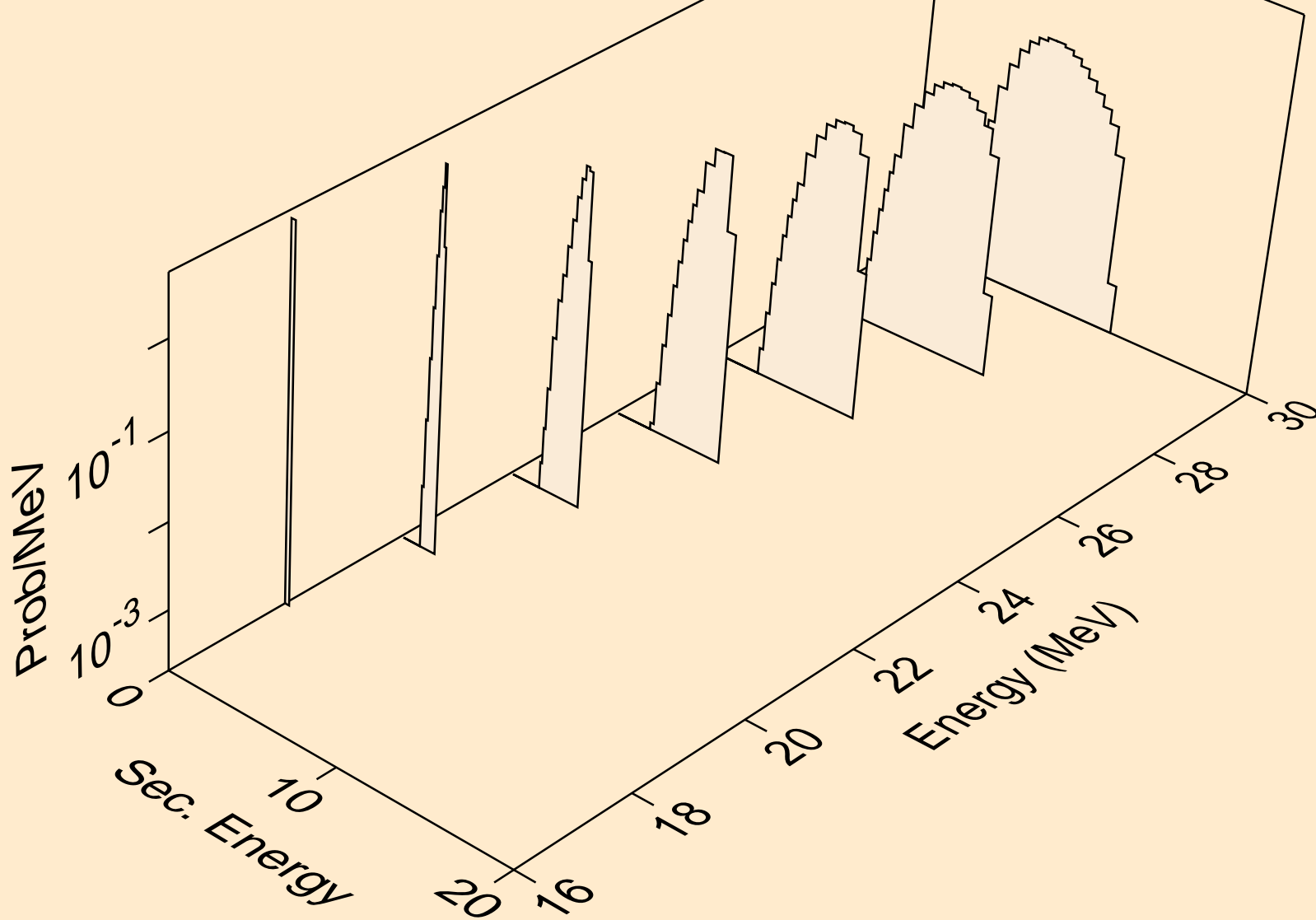
ND142 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n*)d



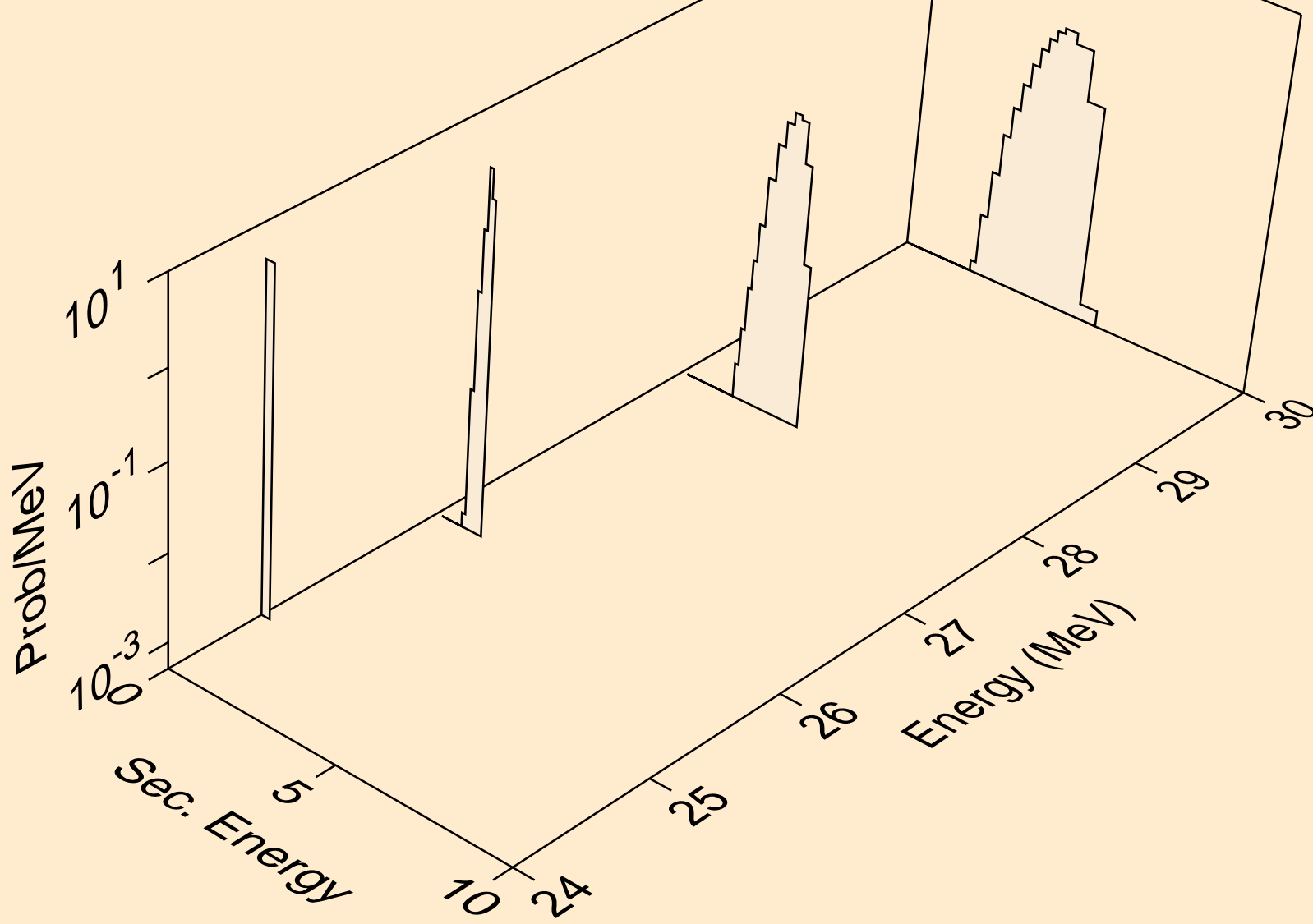
ND142 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
protons from (a,x)



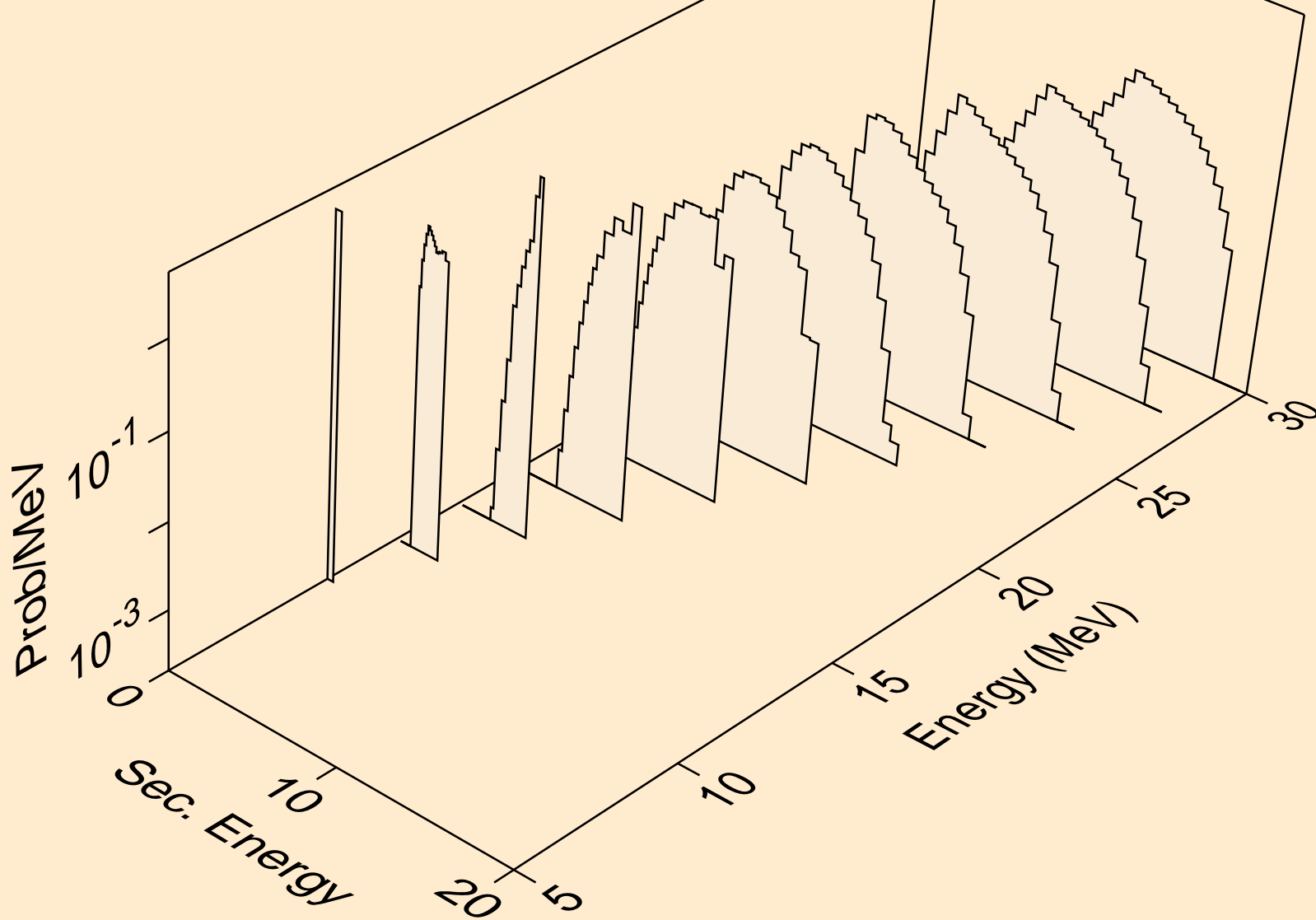
ND142 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
protons from (a,n*)p



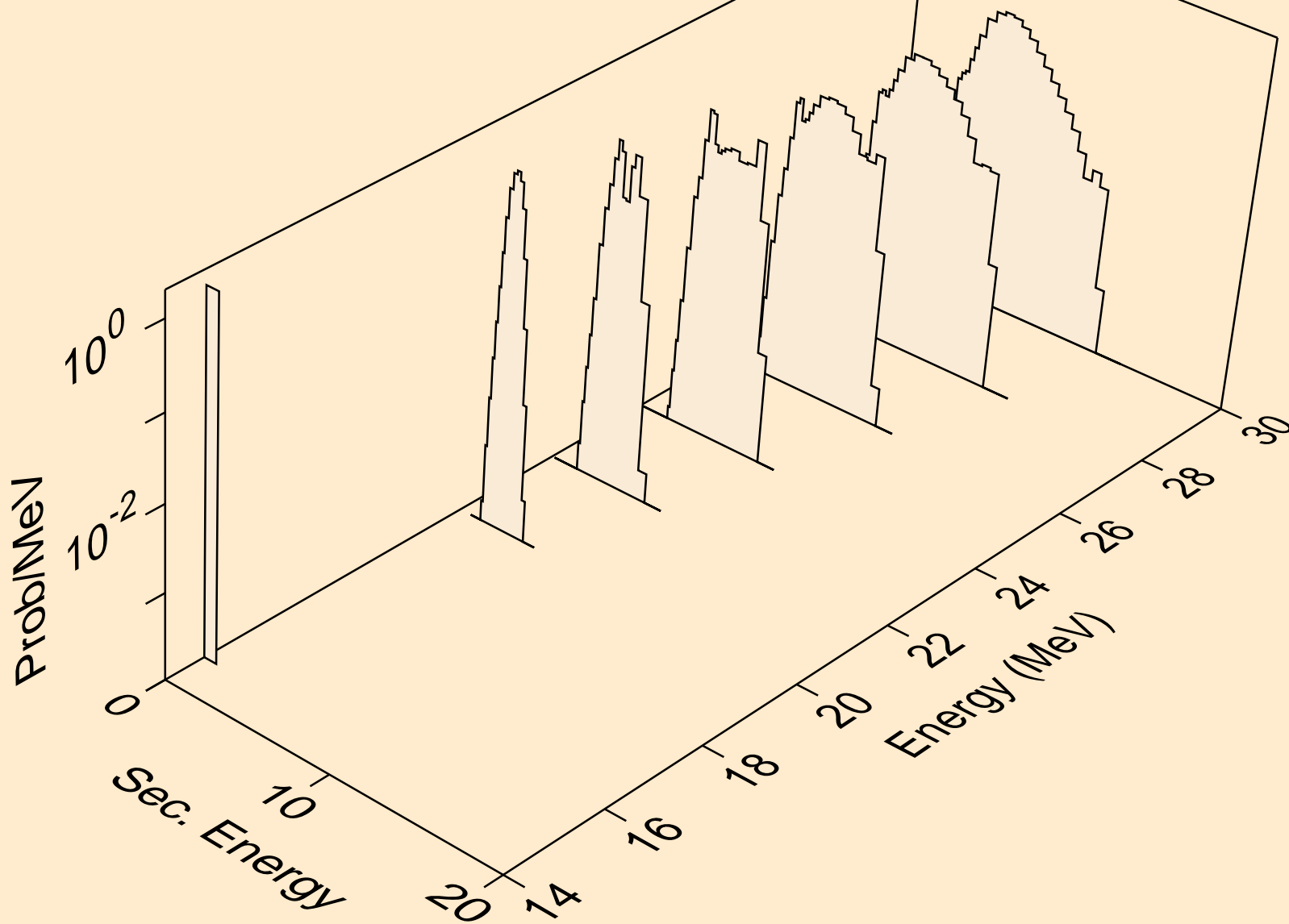
ND142 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
protons from (a,2np)



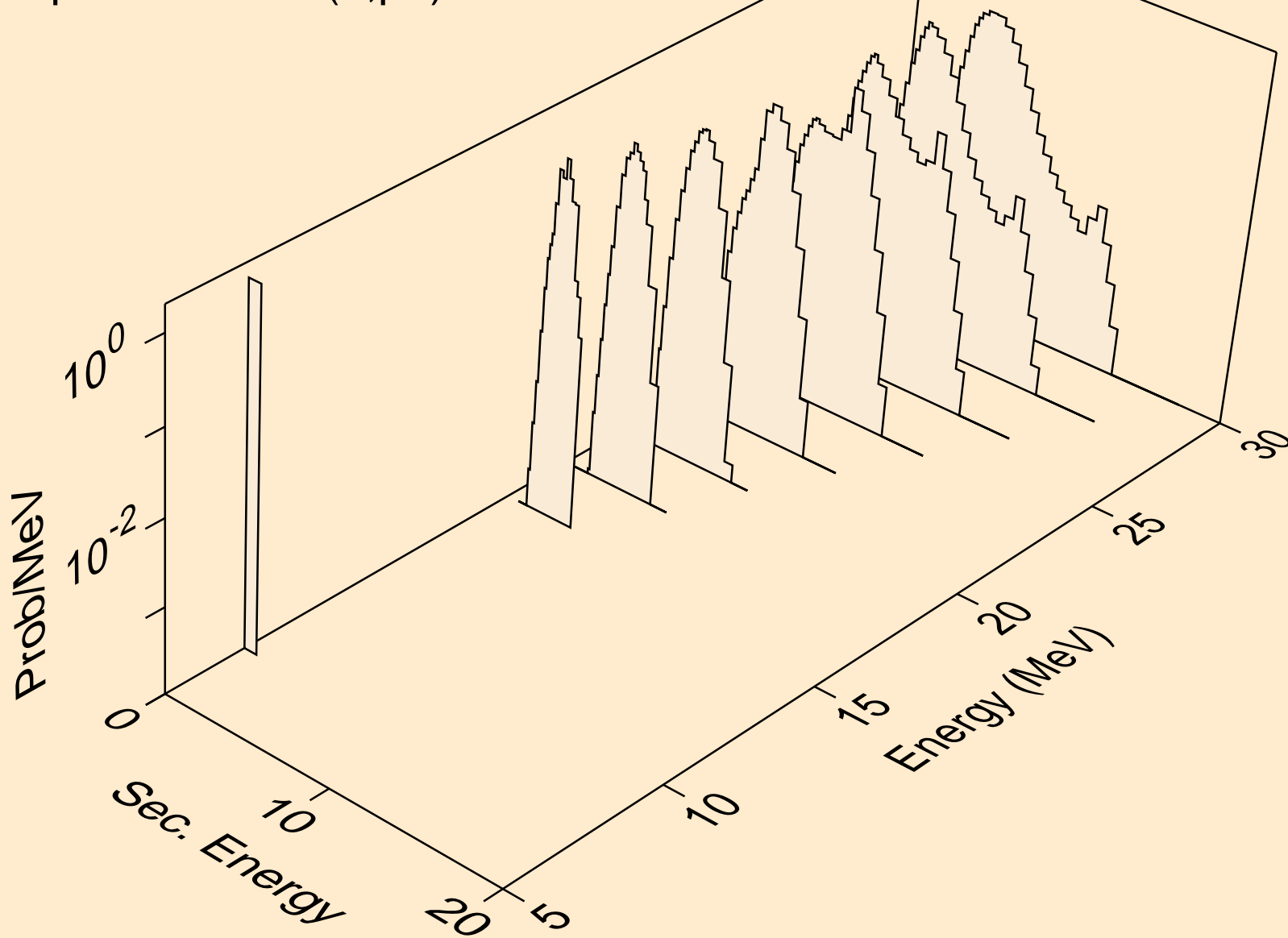
ND142 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
protons from (a,p)



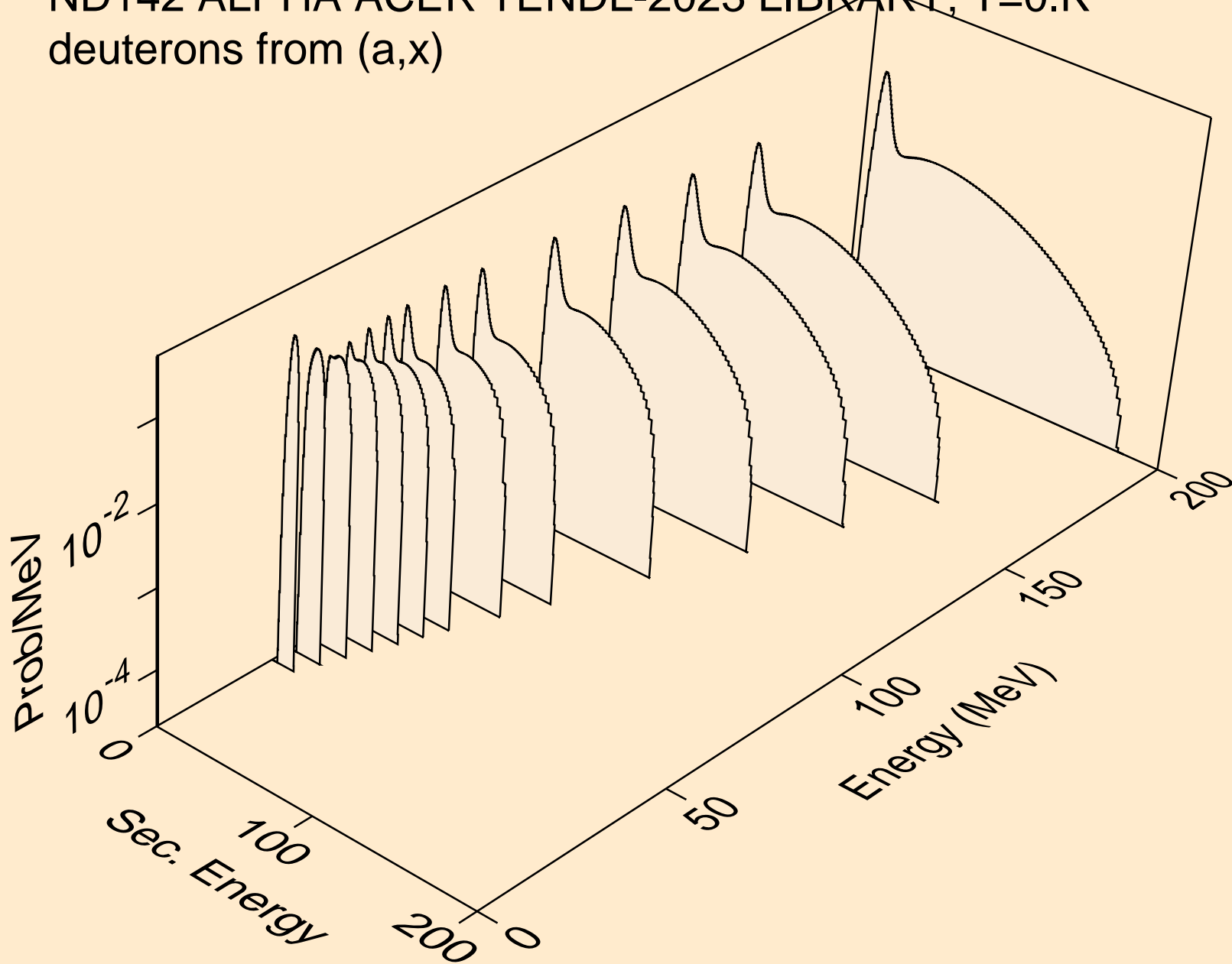
ND142 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
protons from (a,2p)



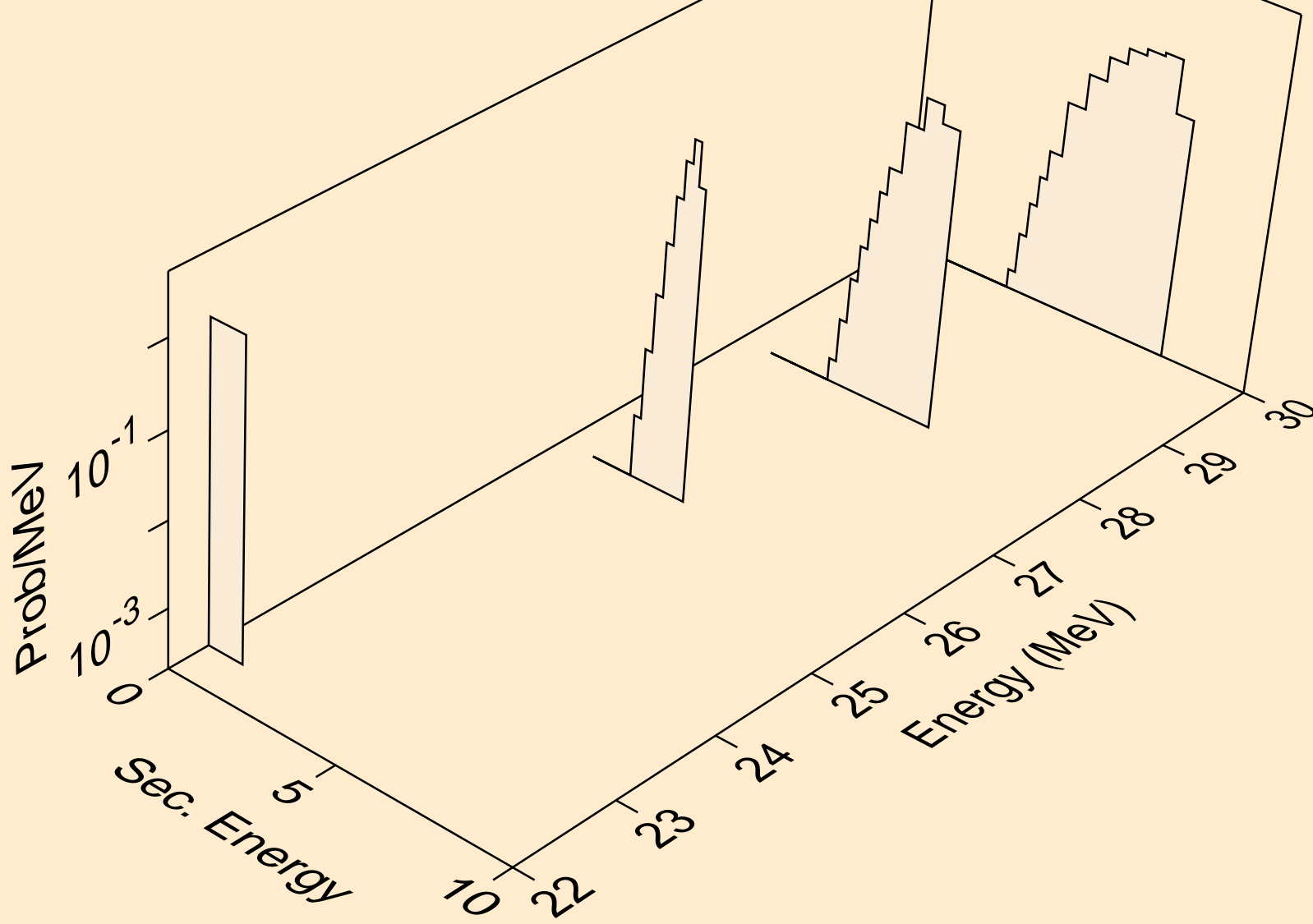
ND142 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
protons from (a,pa)



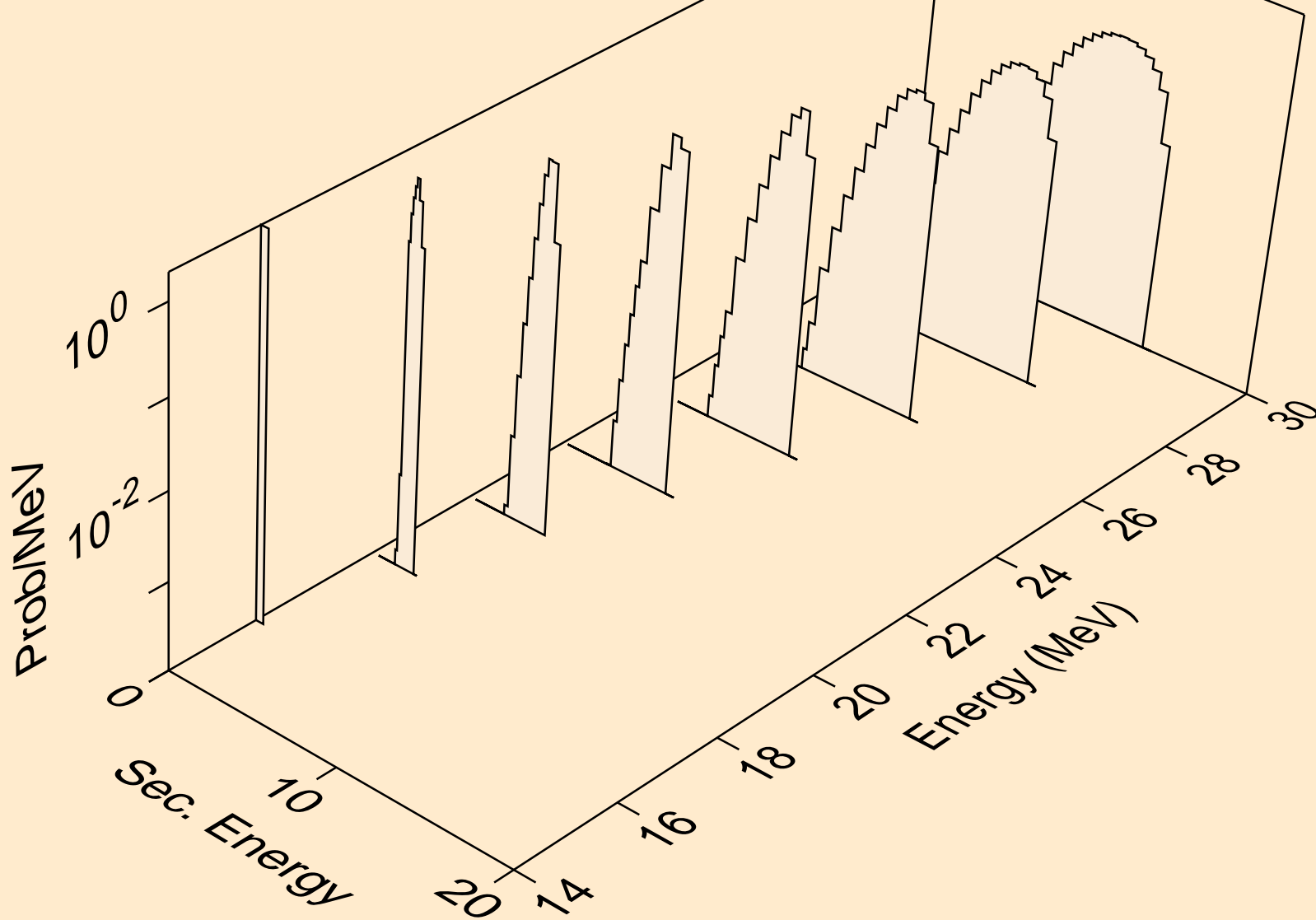
ND142 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (a,x)



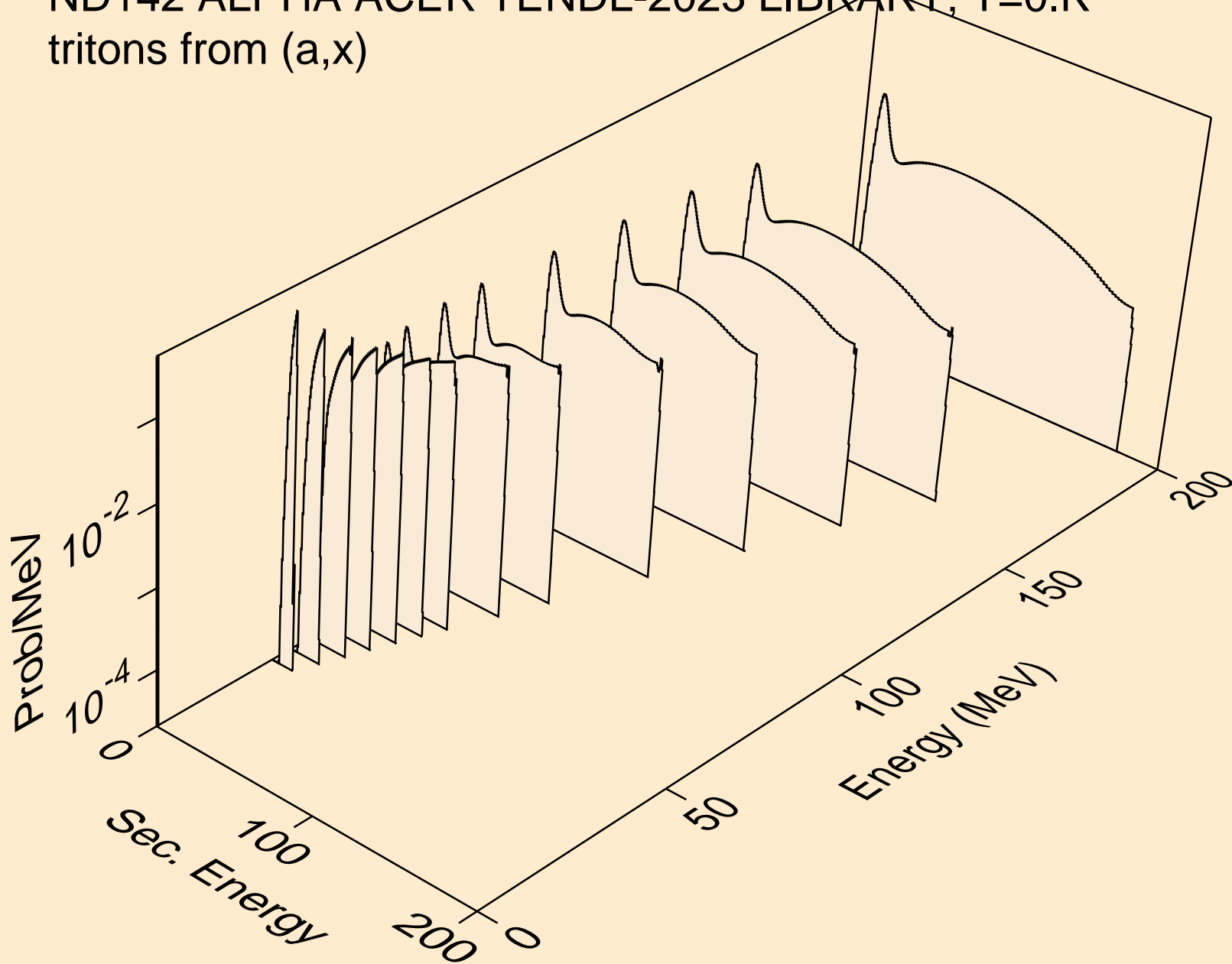
ND142 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (a,n*)d



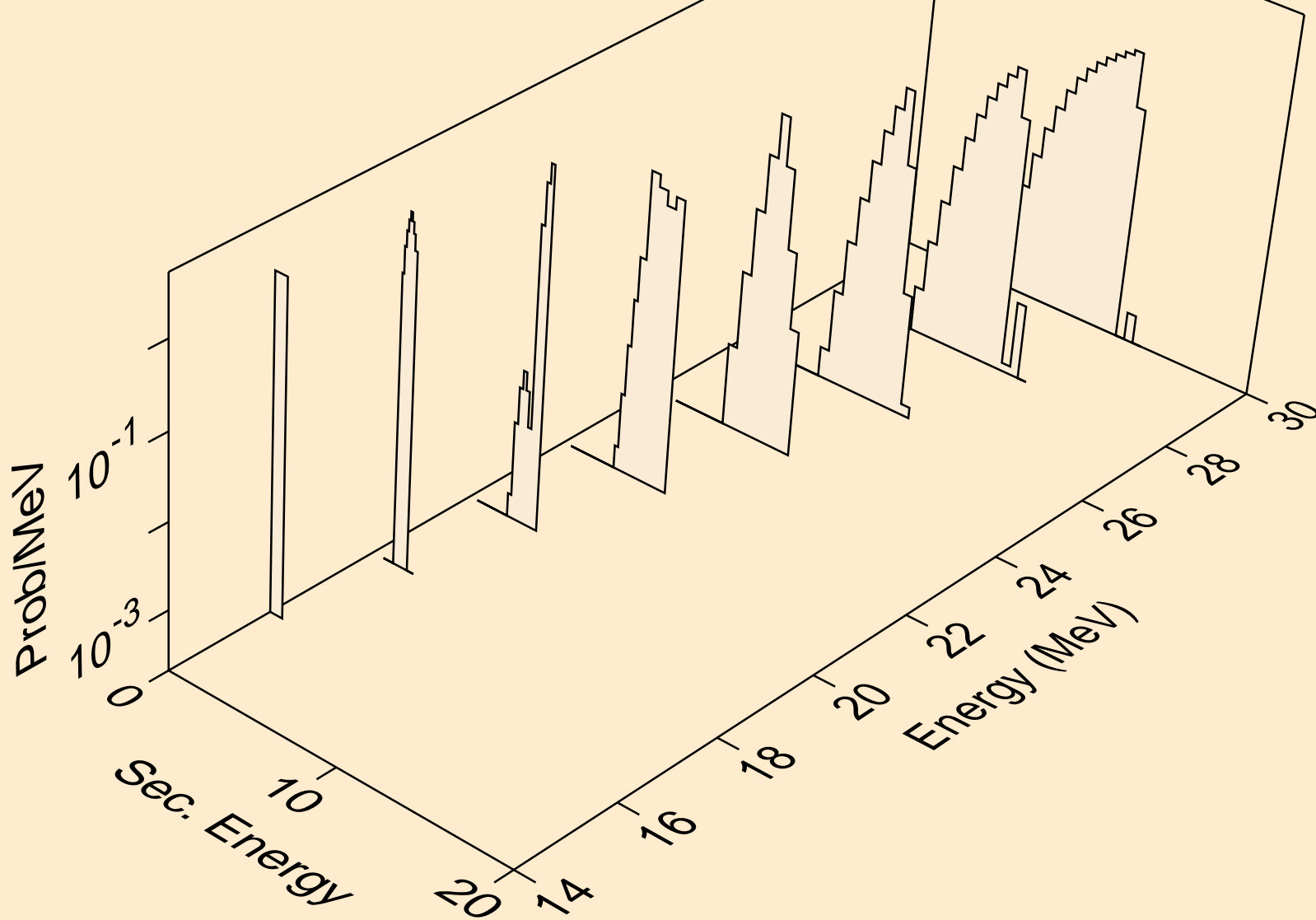
ND142 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (a,d)



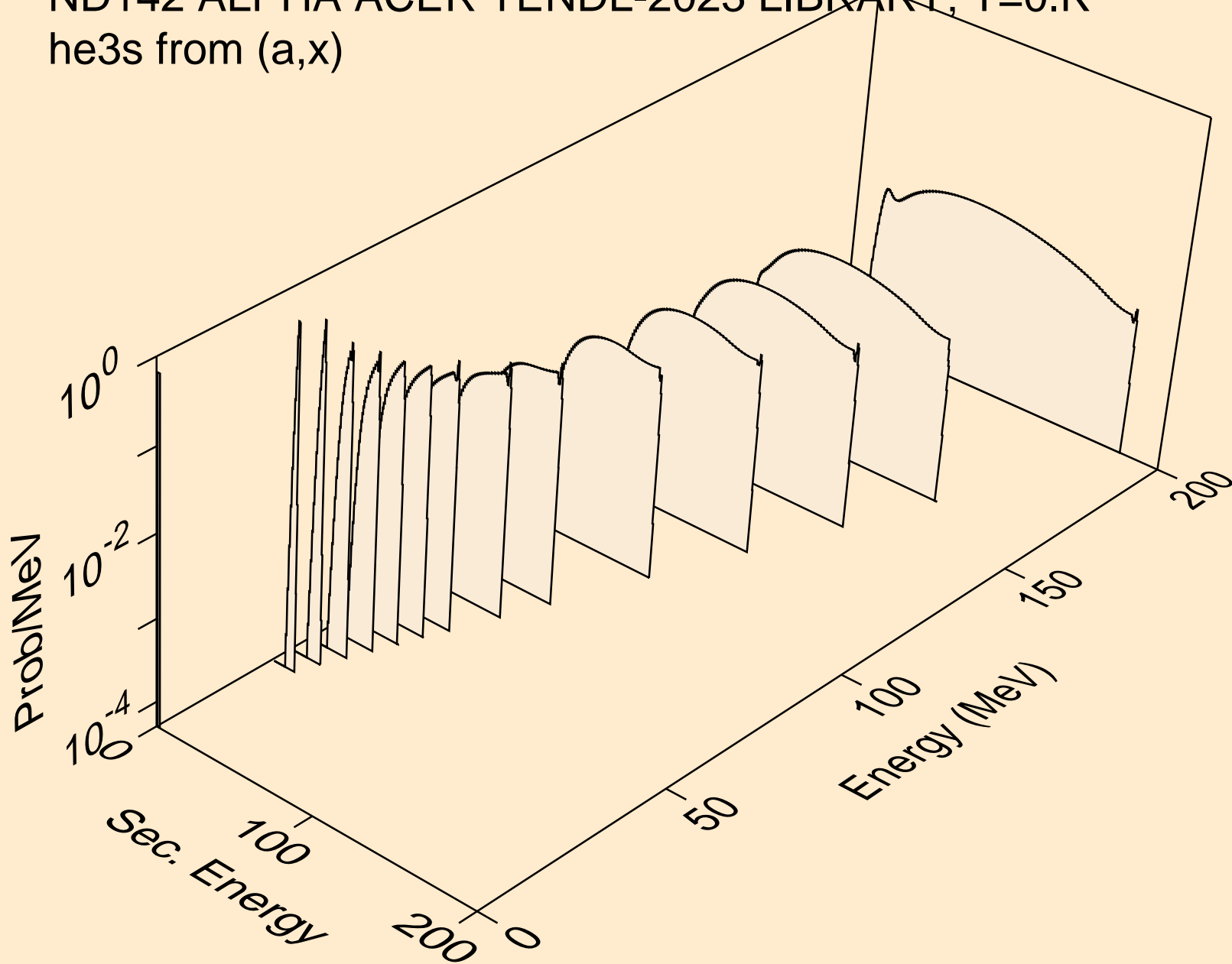
ND142 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
tritons from (a,x)



ND142 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
tritons from (a,t)



ND142 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
he3s from (a,x)



ND142 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
he3s from (a,he3)

