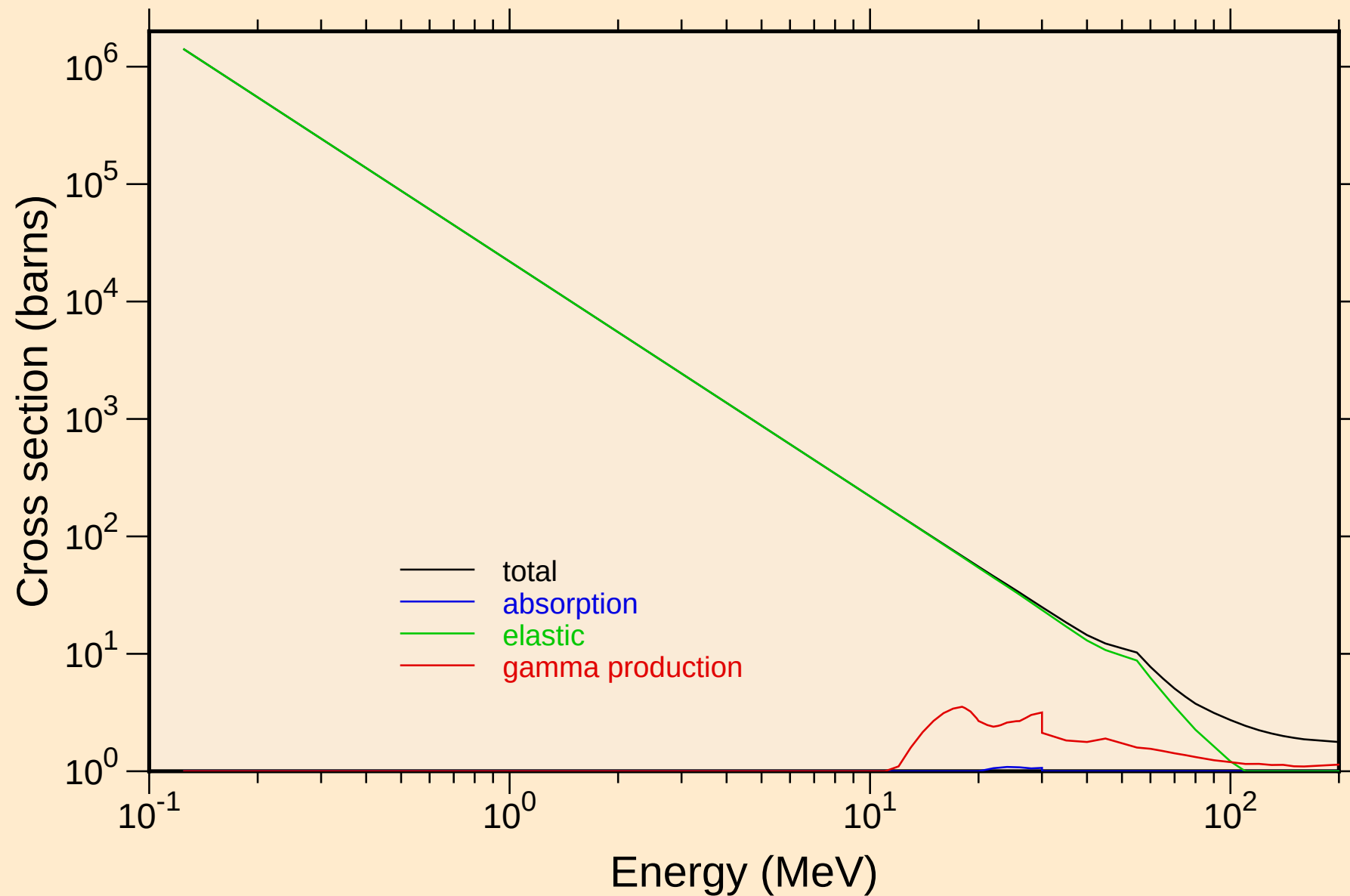


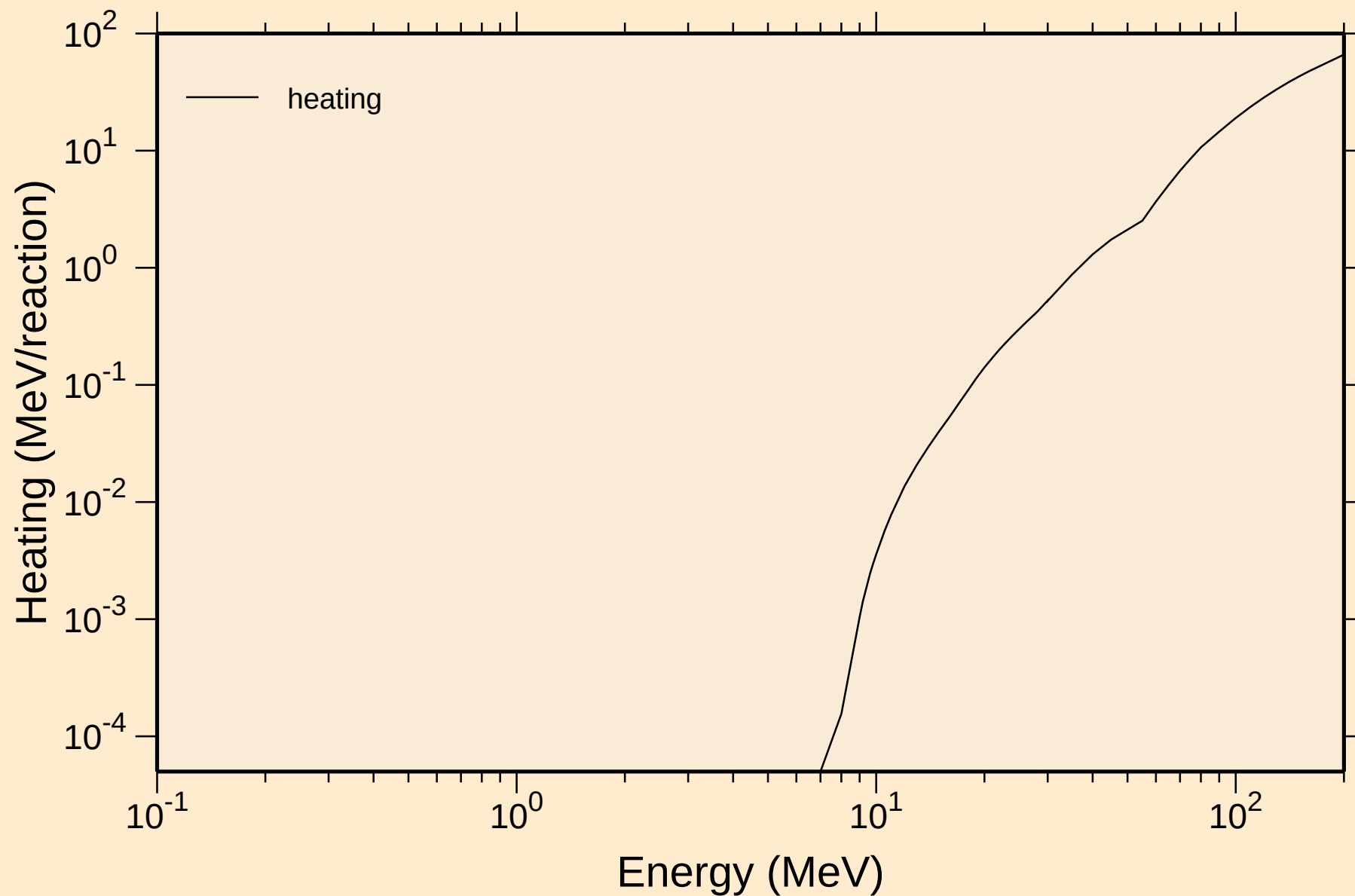
NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections



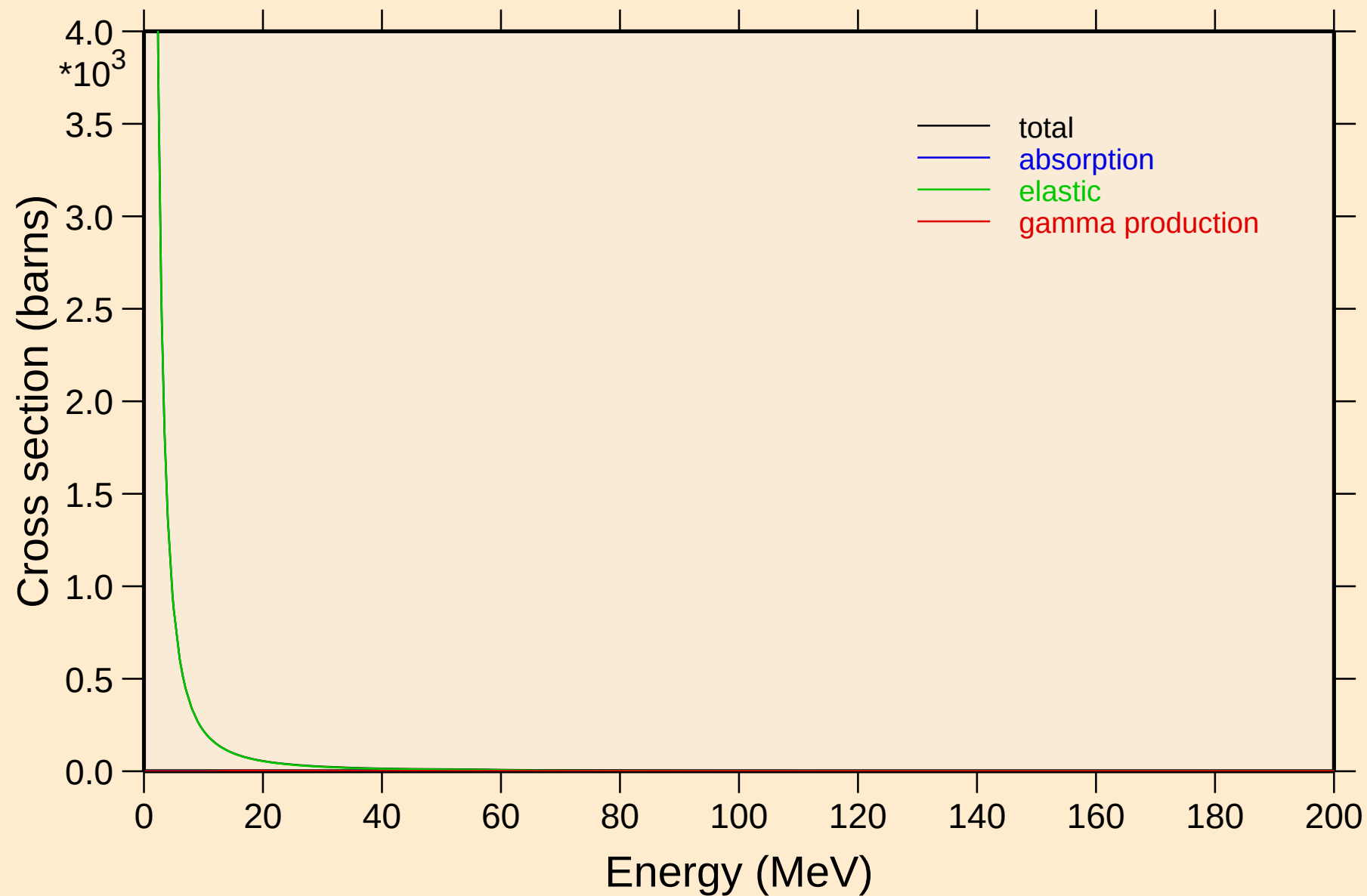
NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Heating



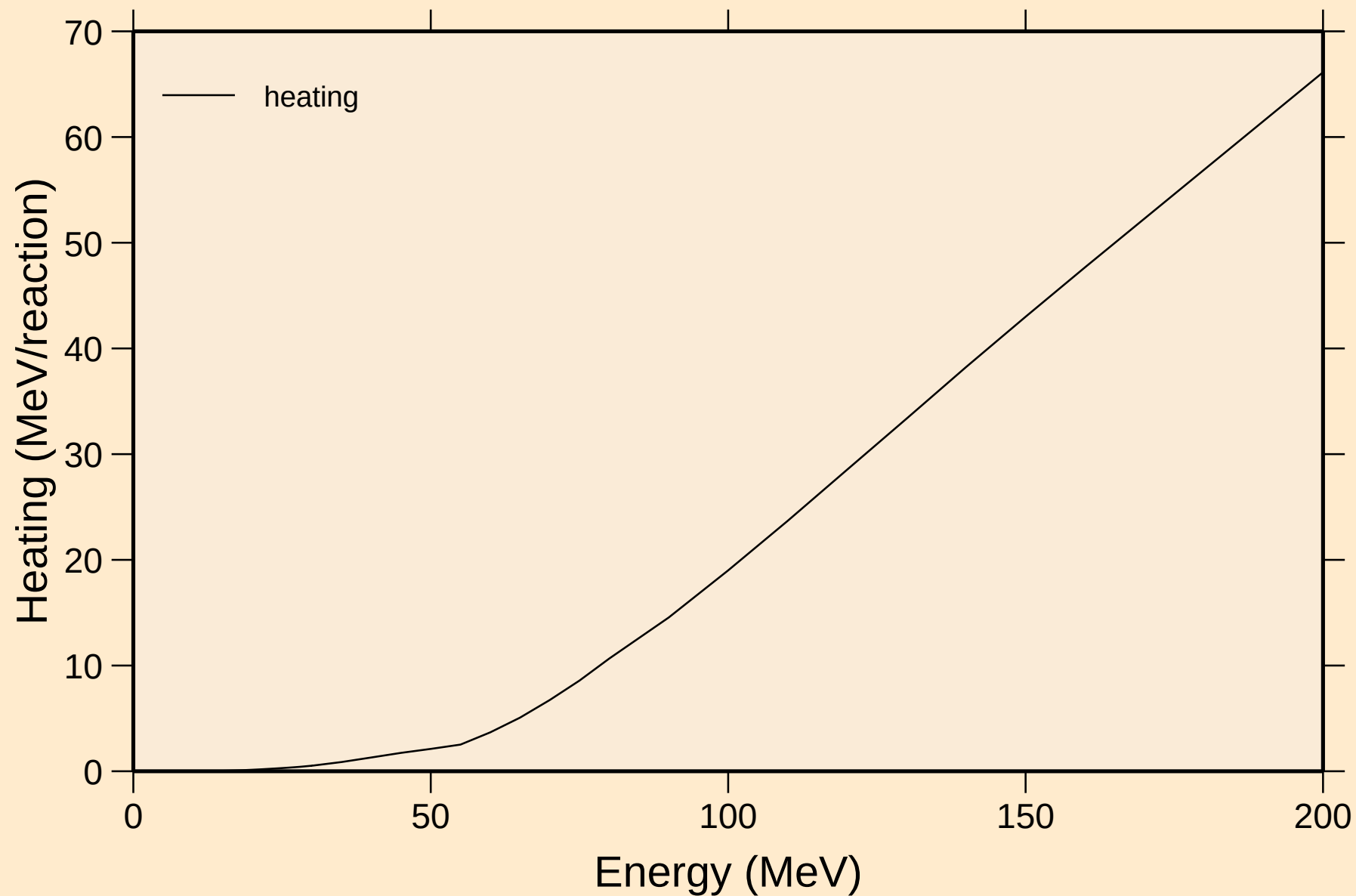
NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections



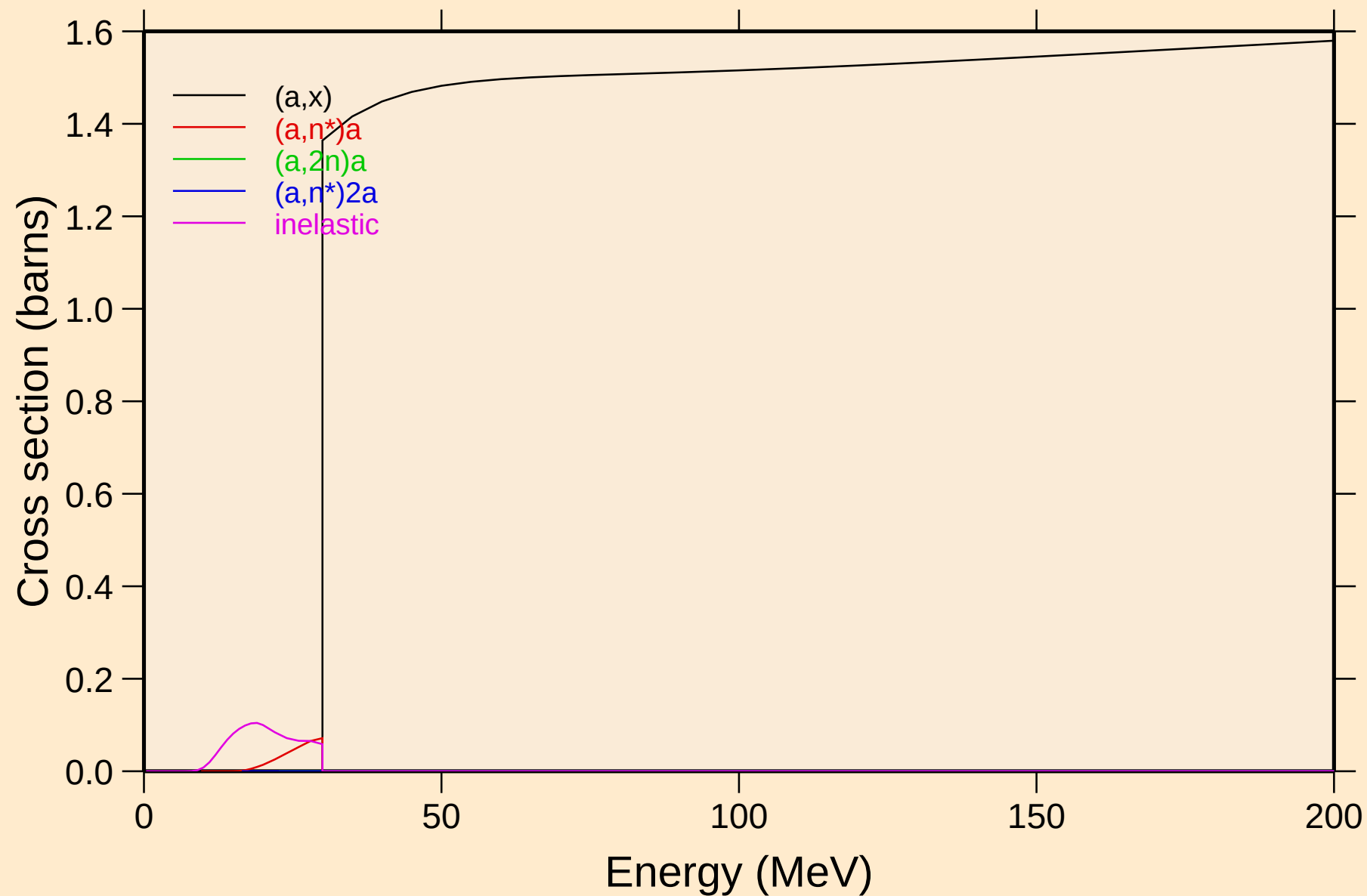
NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Heating

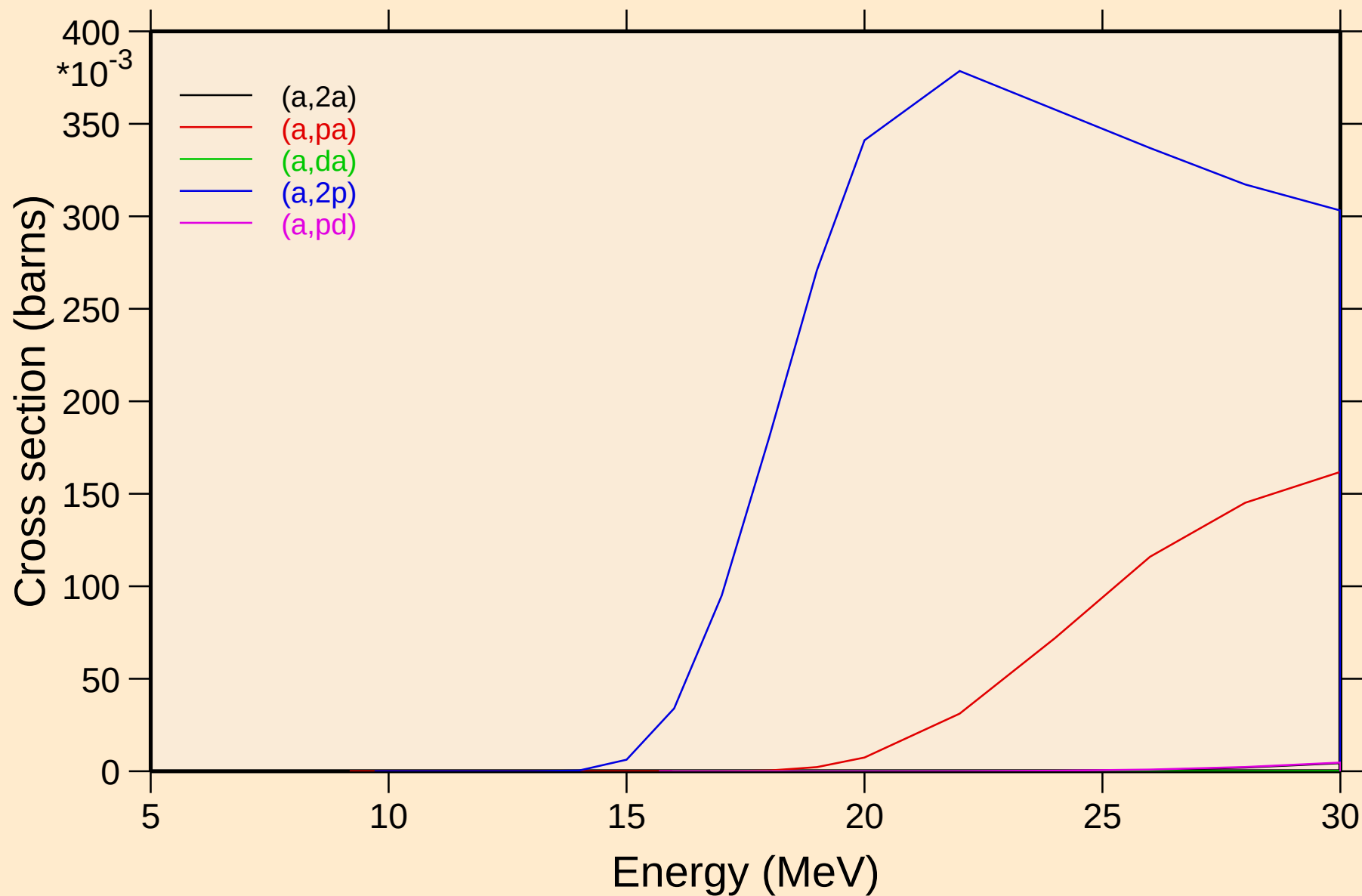


NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions

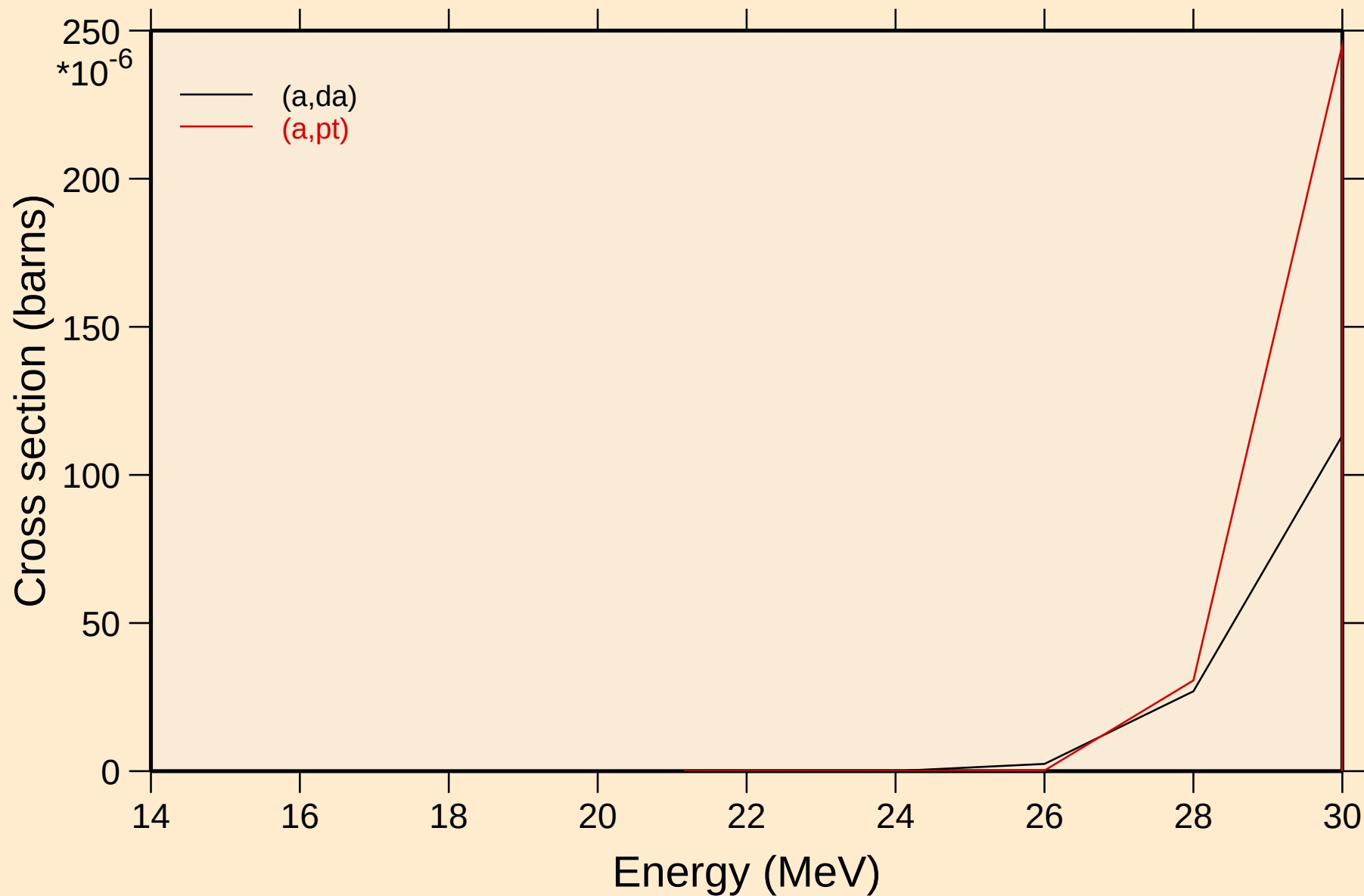


NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions



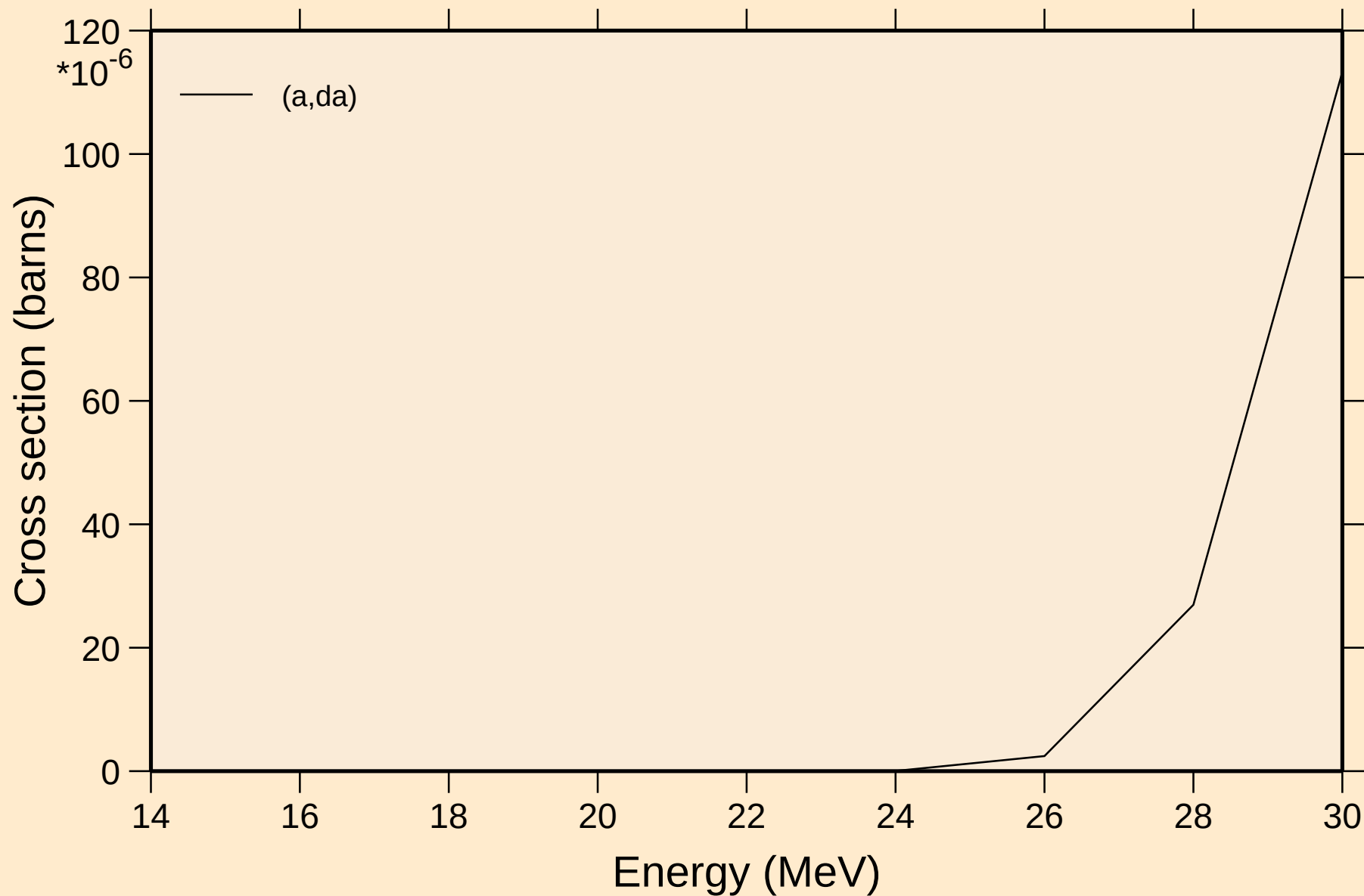
NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions

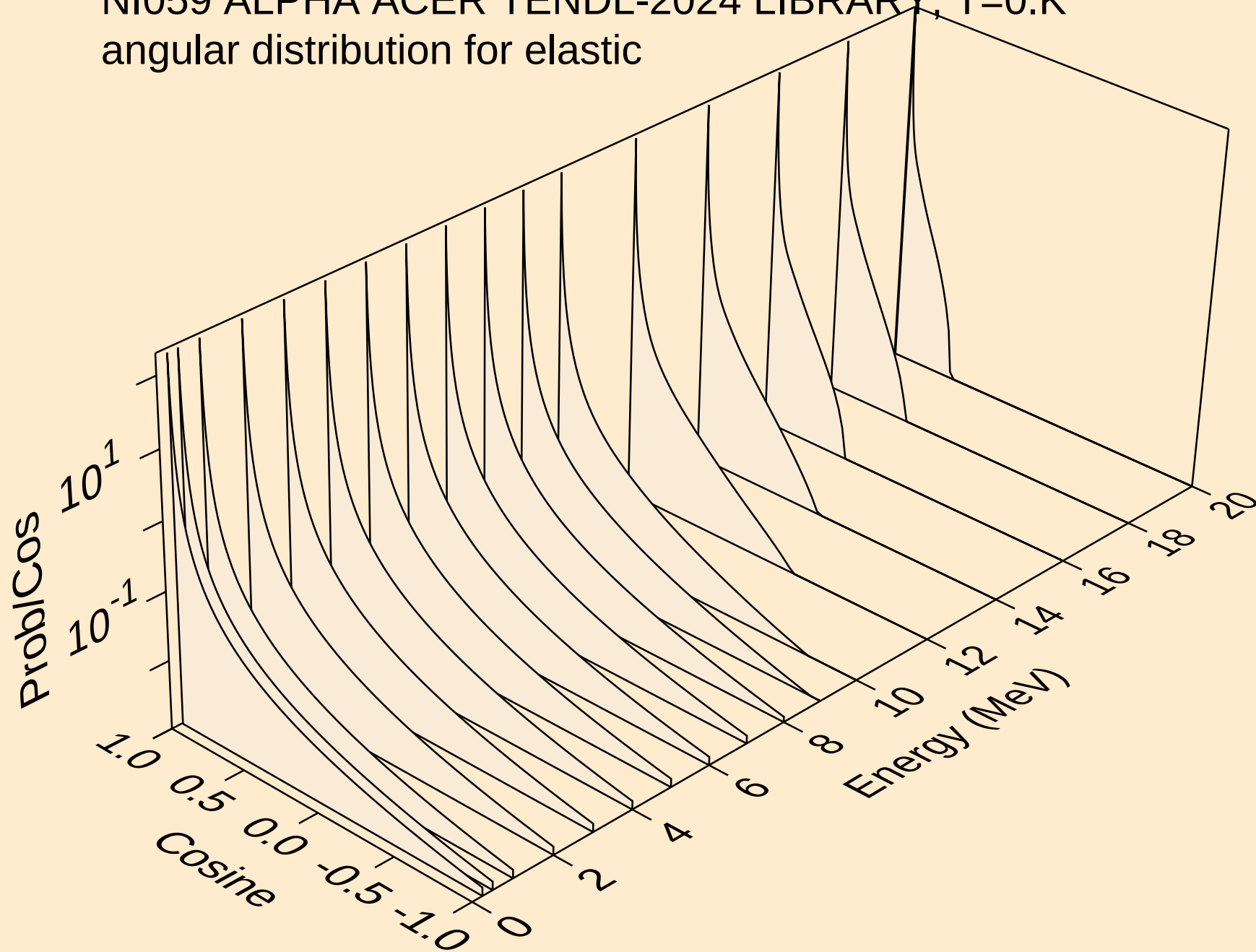


NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

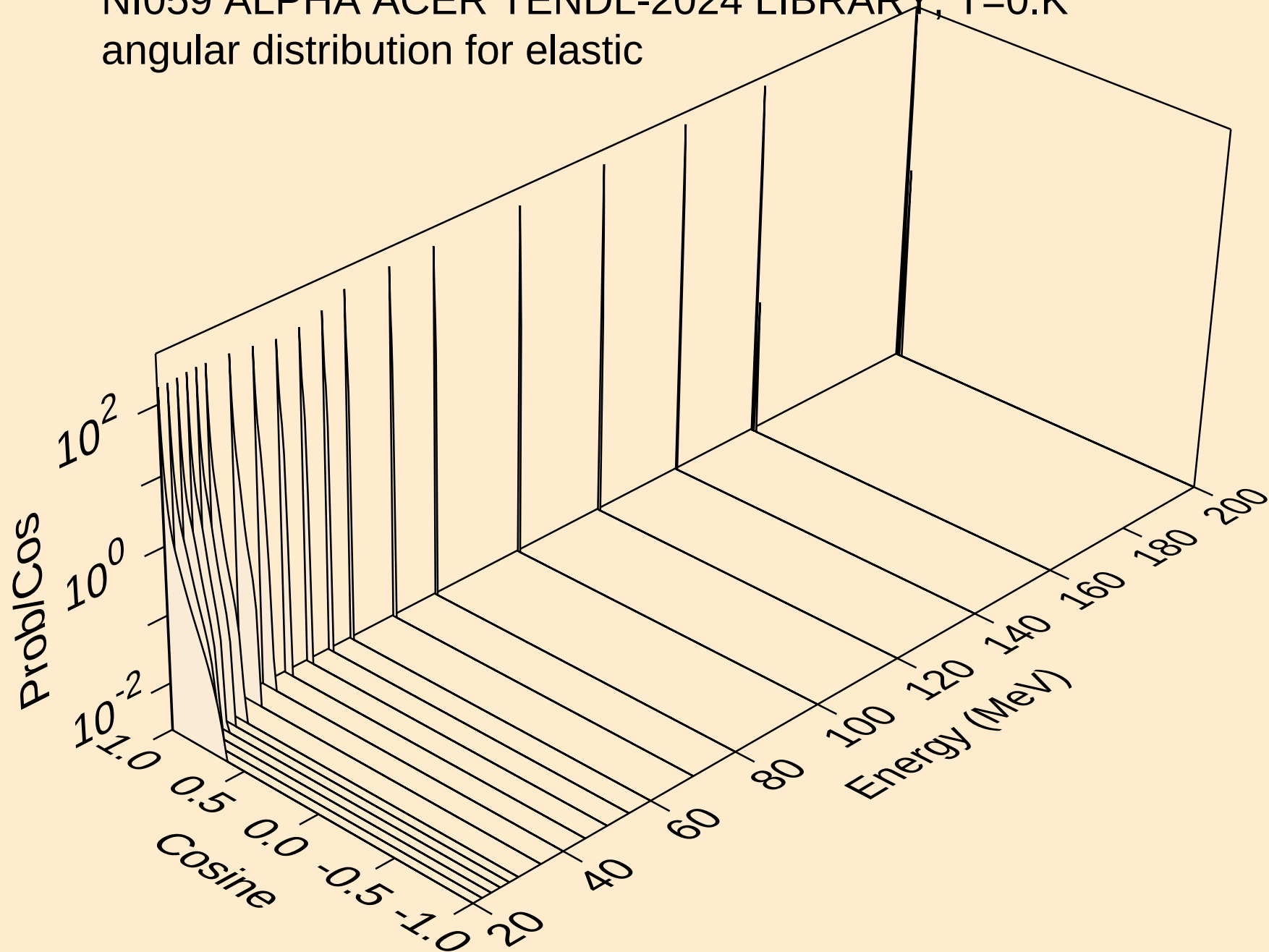
Threshold reactions



NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic

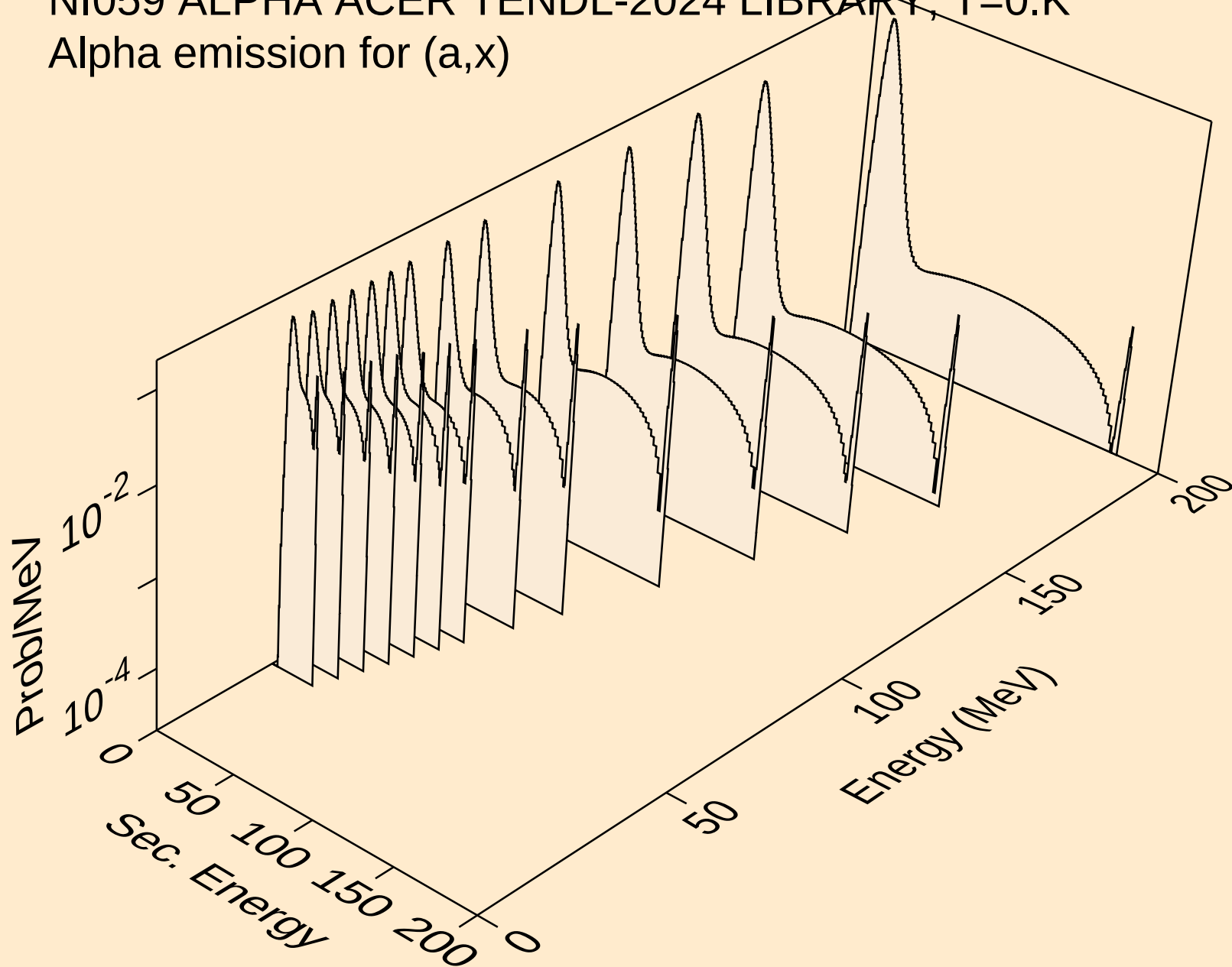


NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic



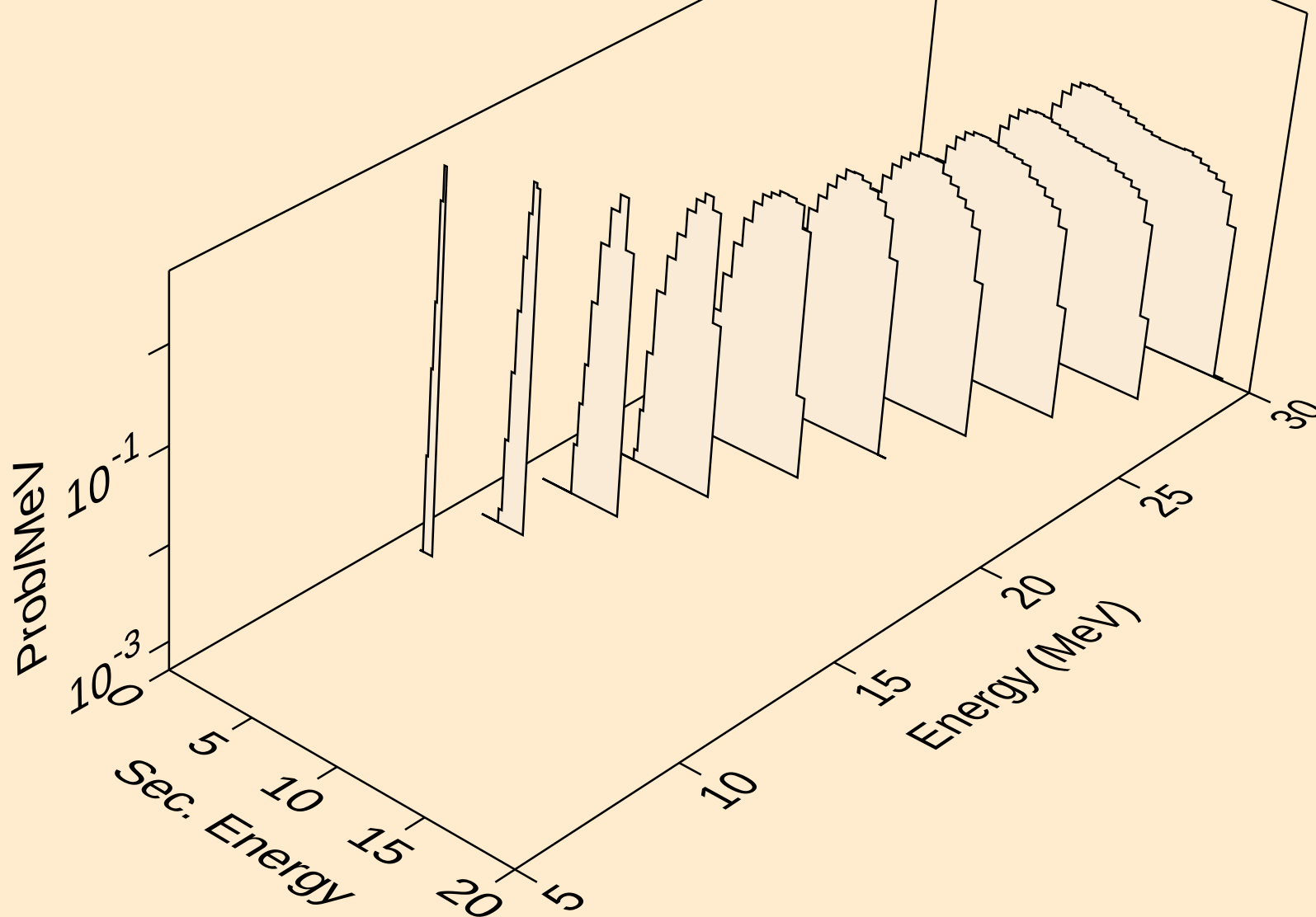
NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,x)



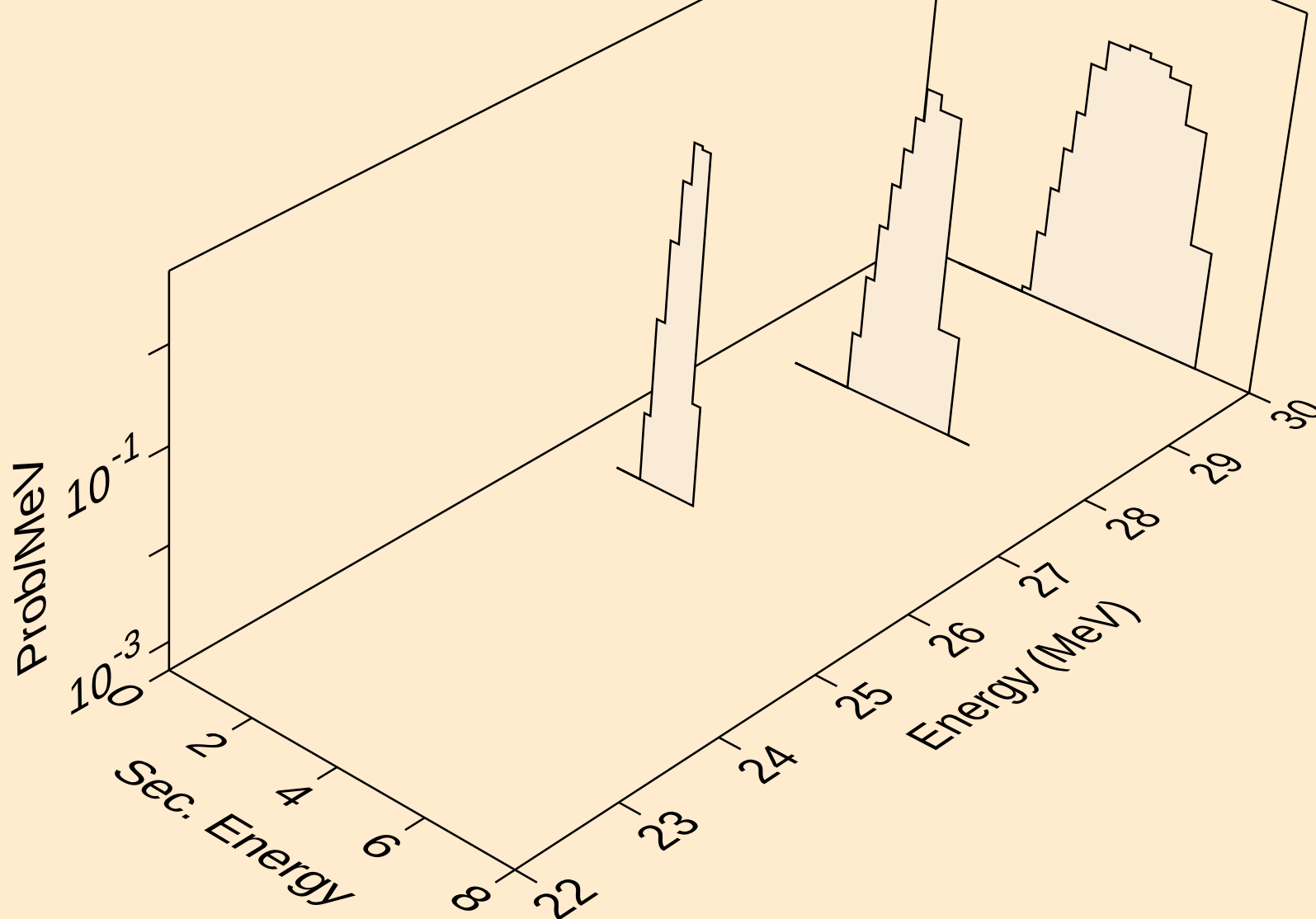
NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,n*)a



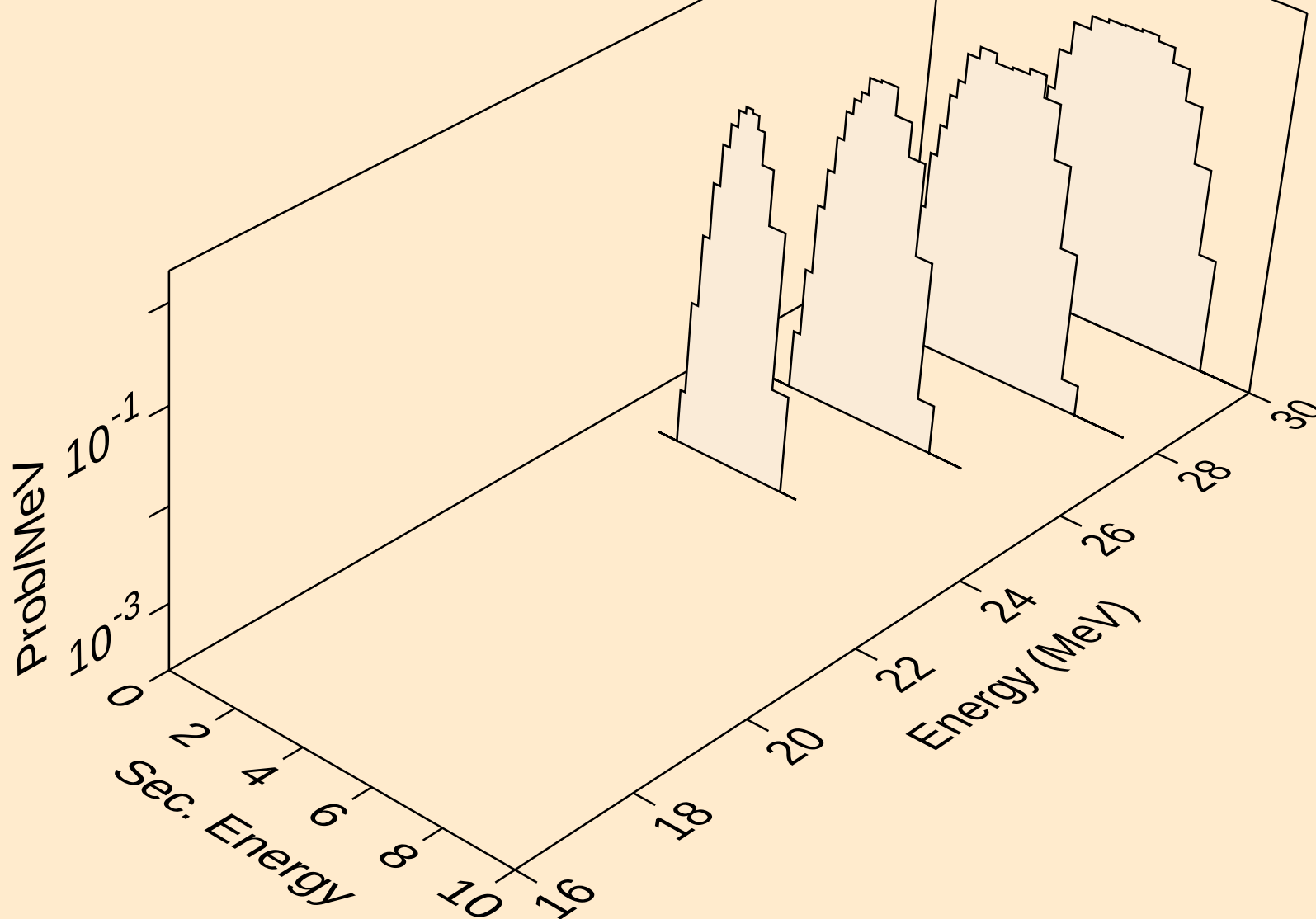
NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,2n)a

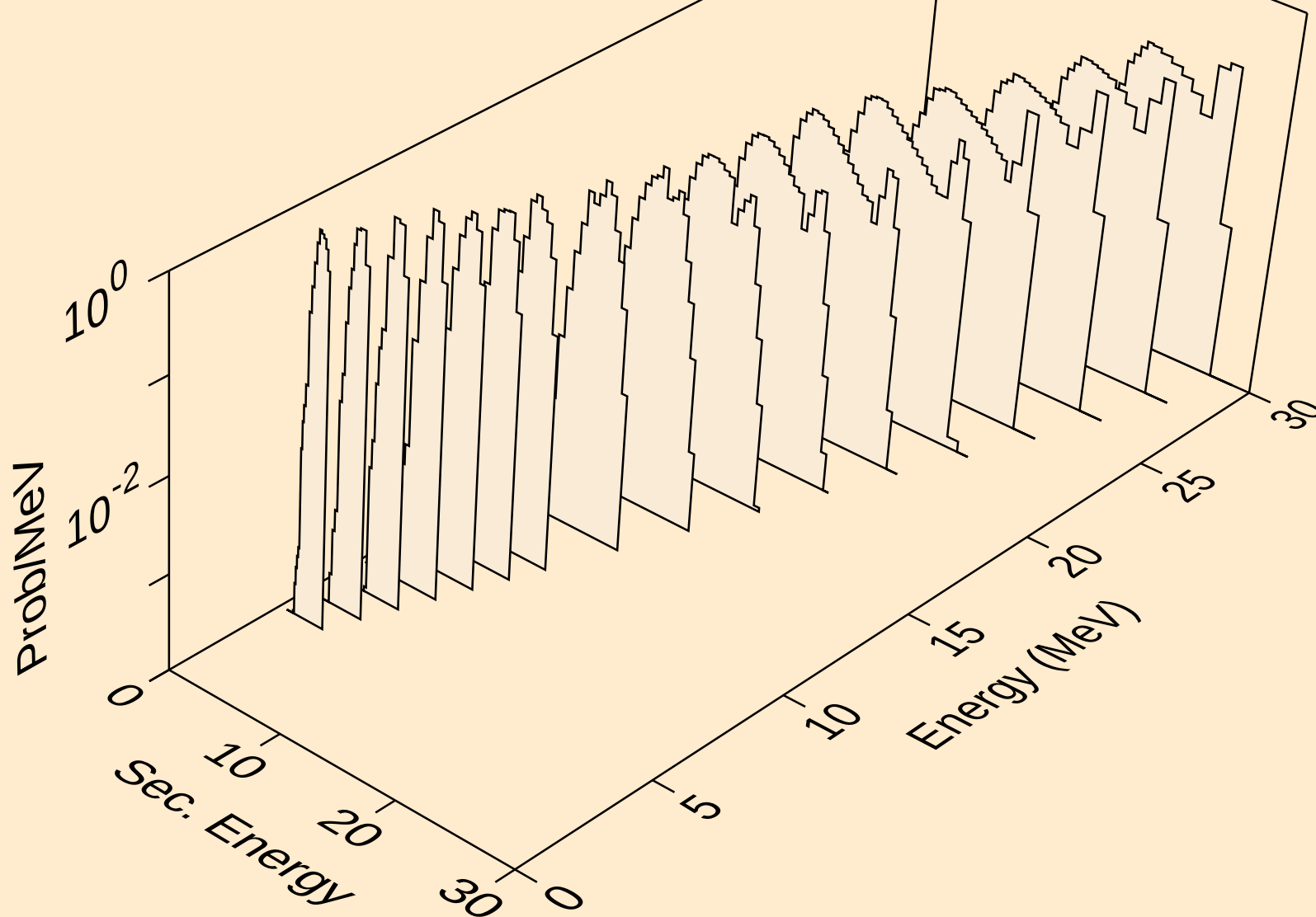


NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

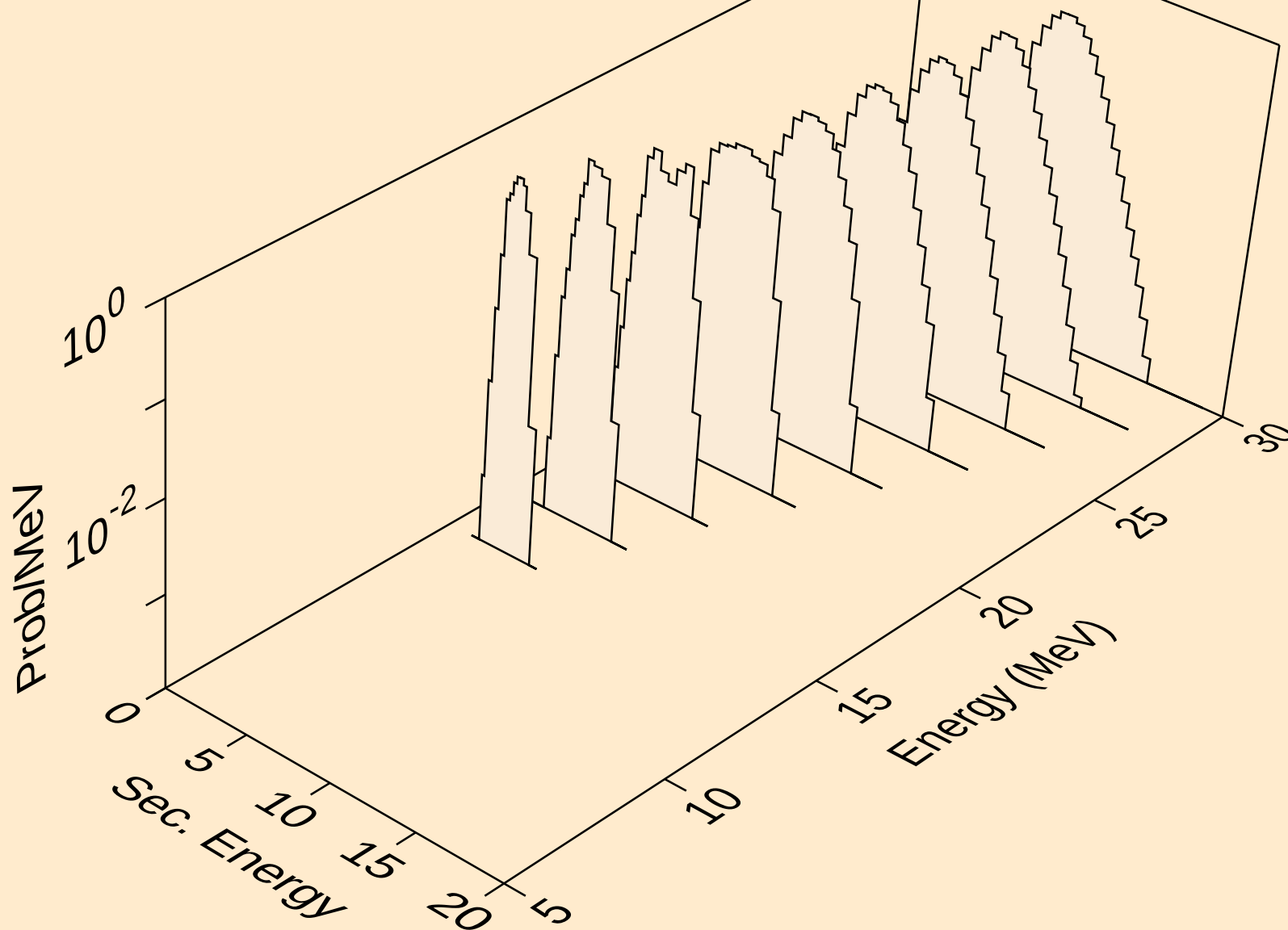
Alpha emission for (a,n*)2a



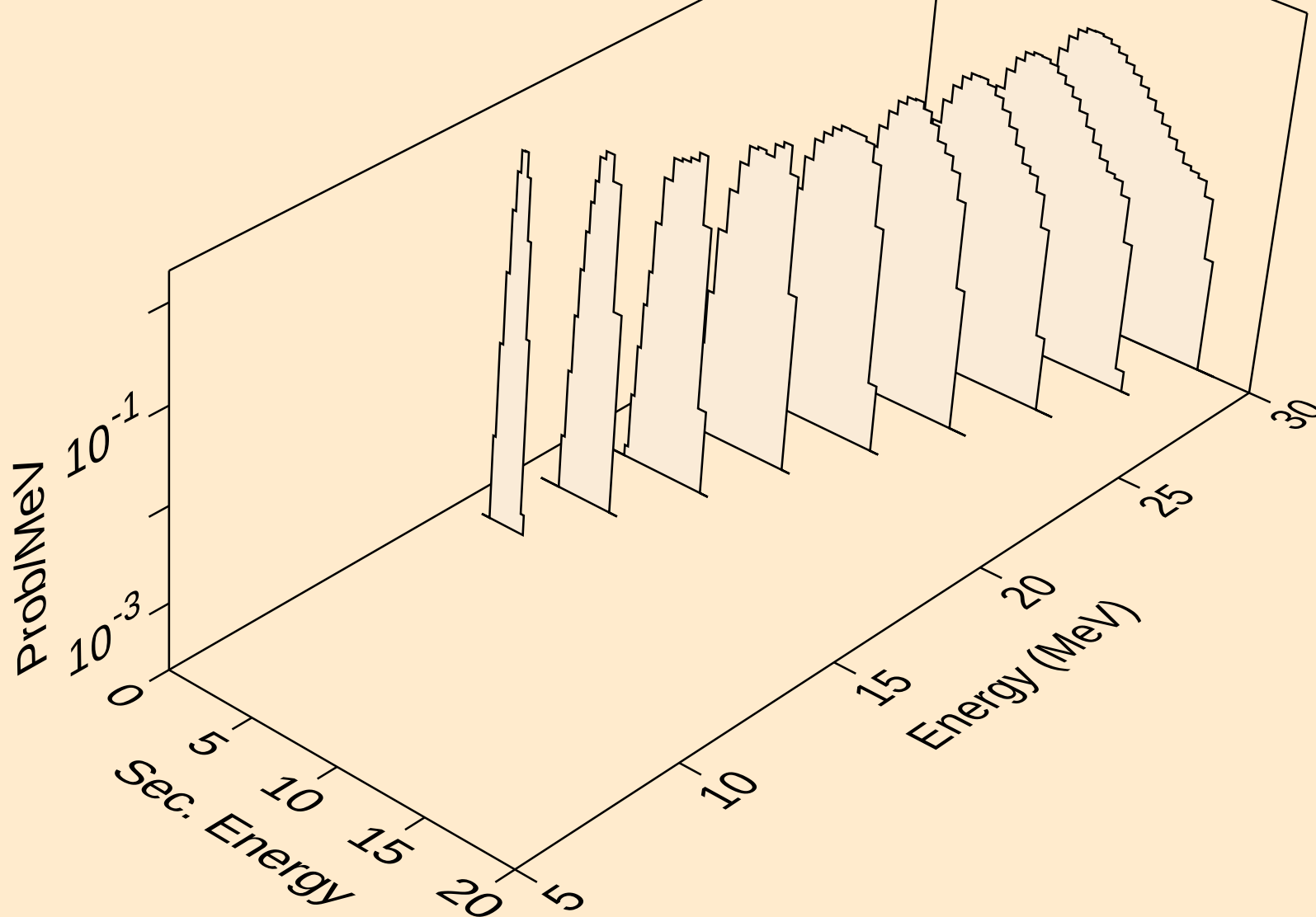
NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Alpha emission for inelastic



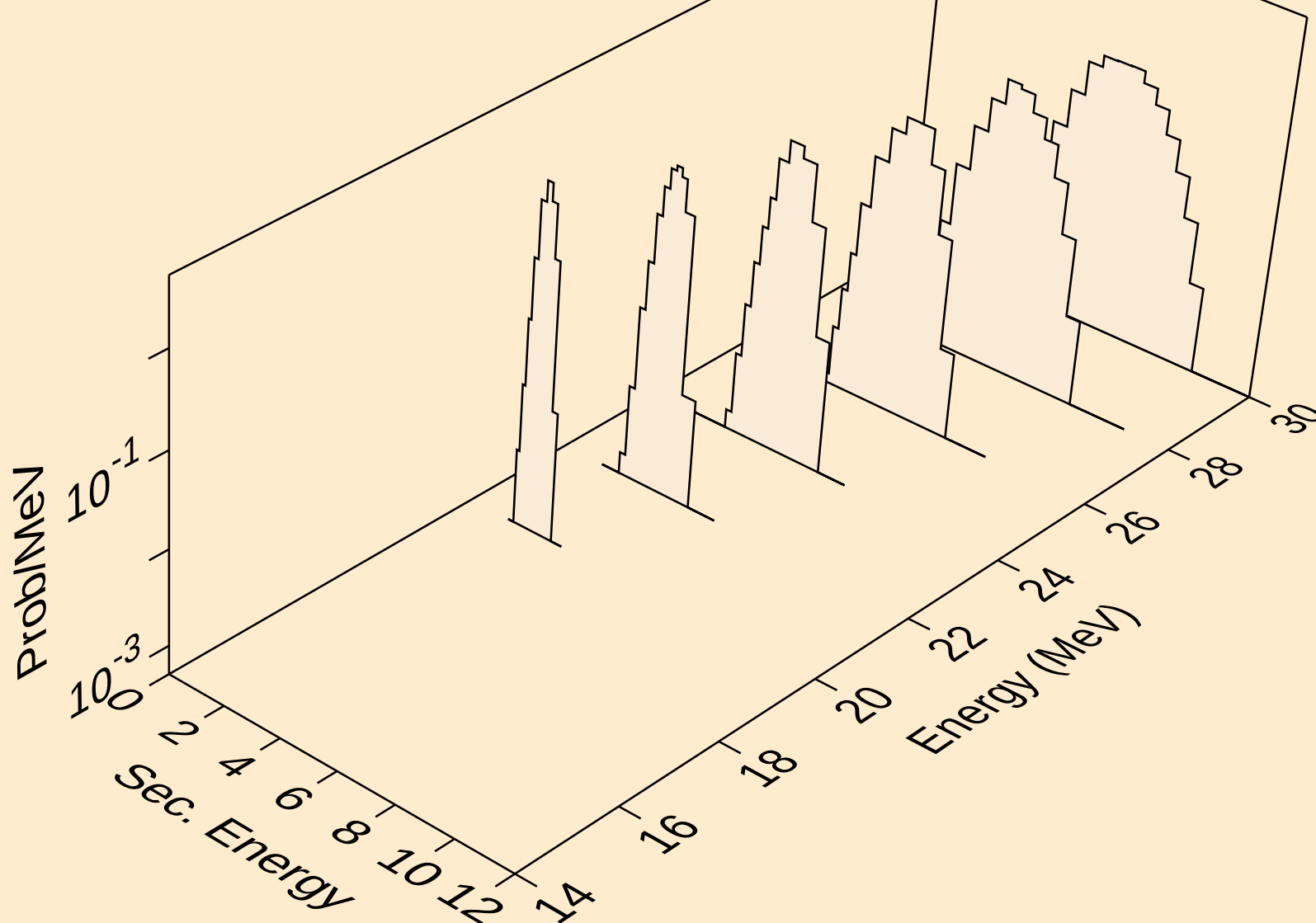
NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Alpha emission for (a,2a)



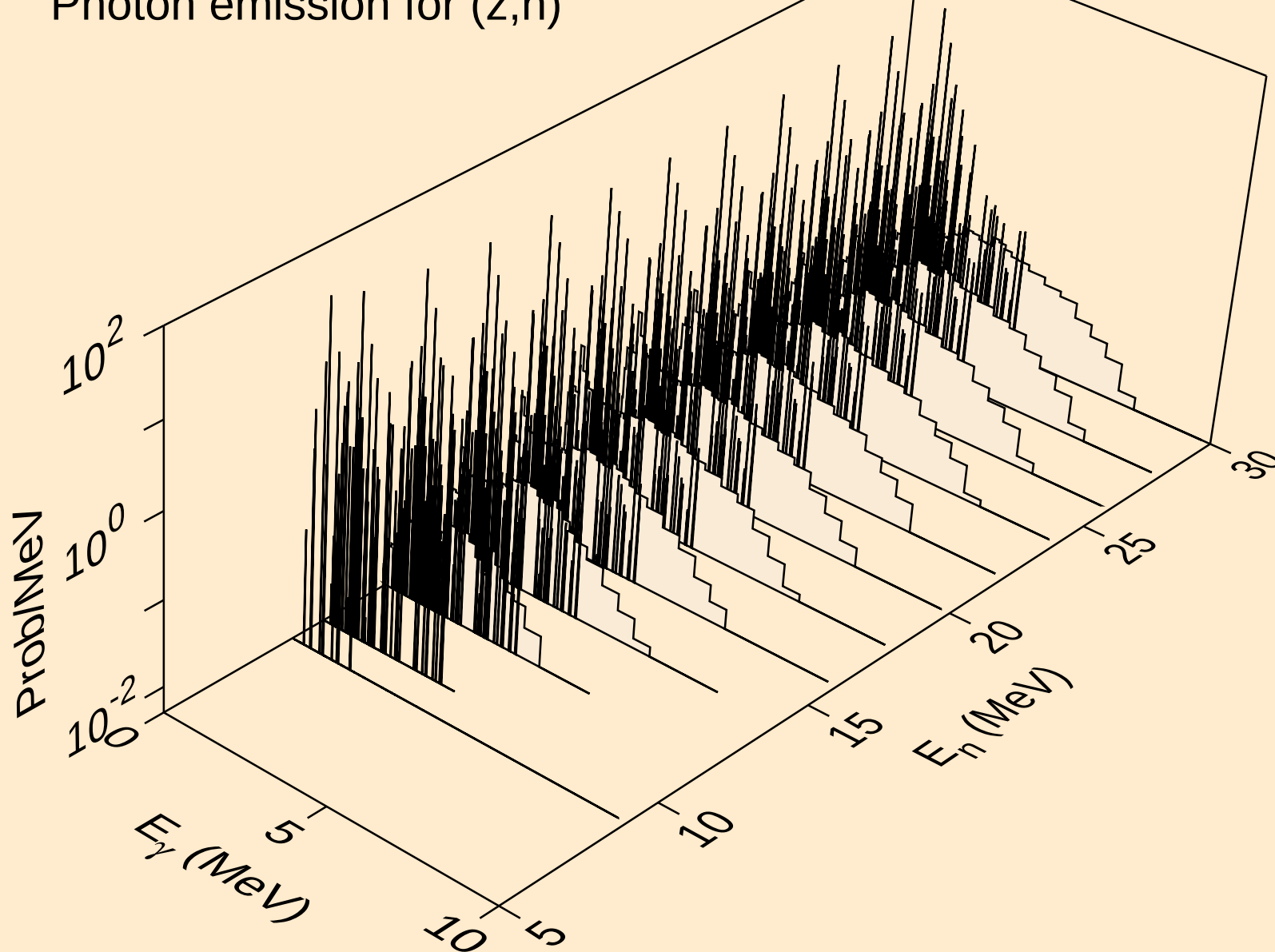
NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Alpha emission for (a,pa)



NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Alpha emission for (a,da)

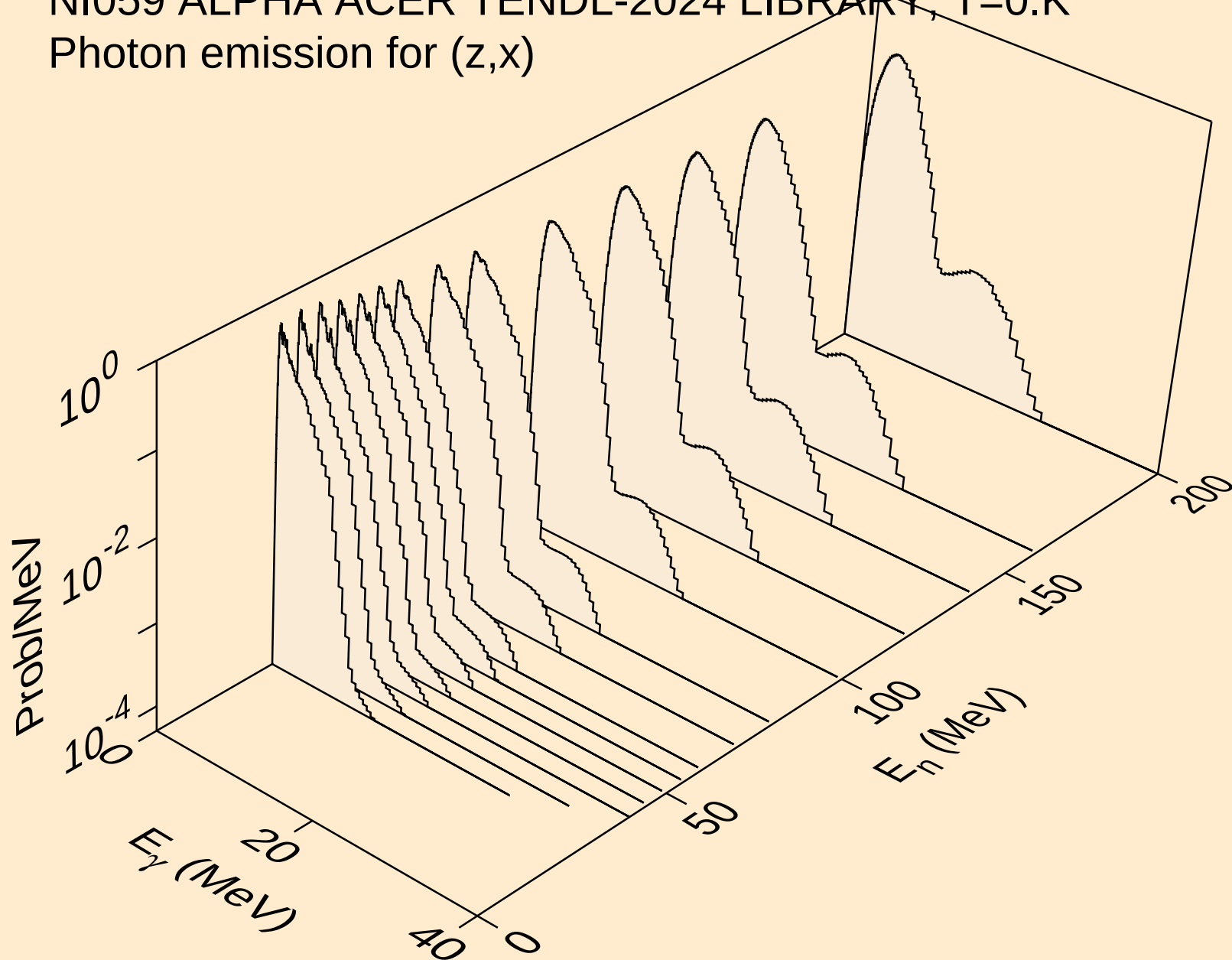


NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (z,n)

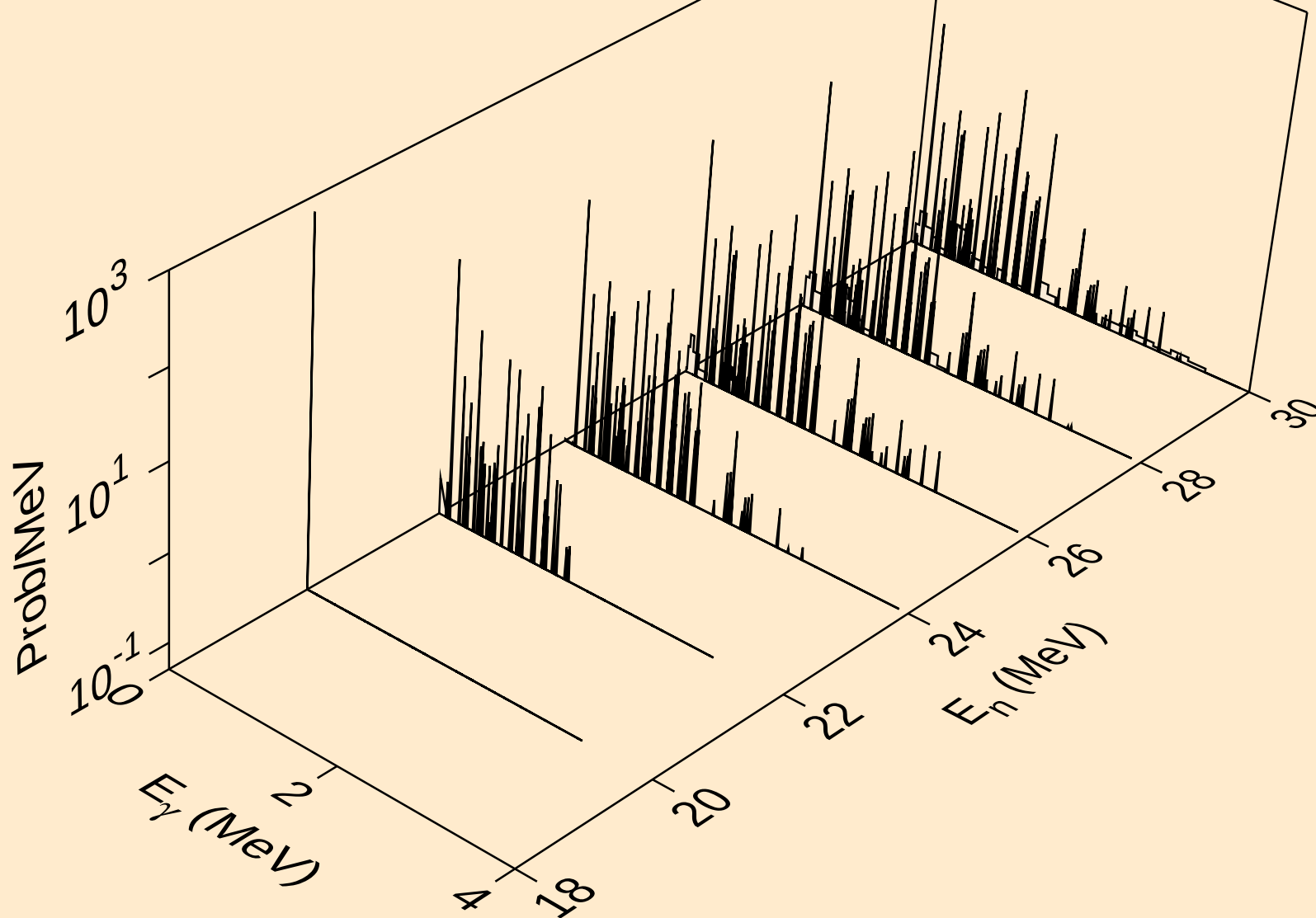


NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

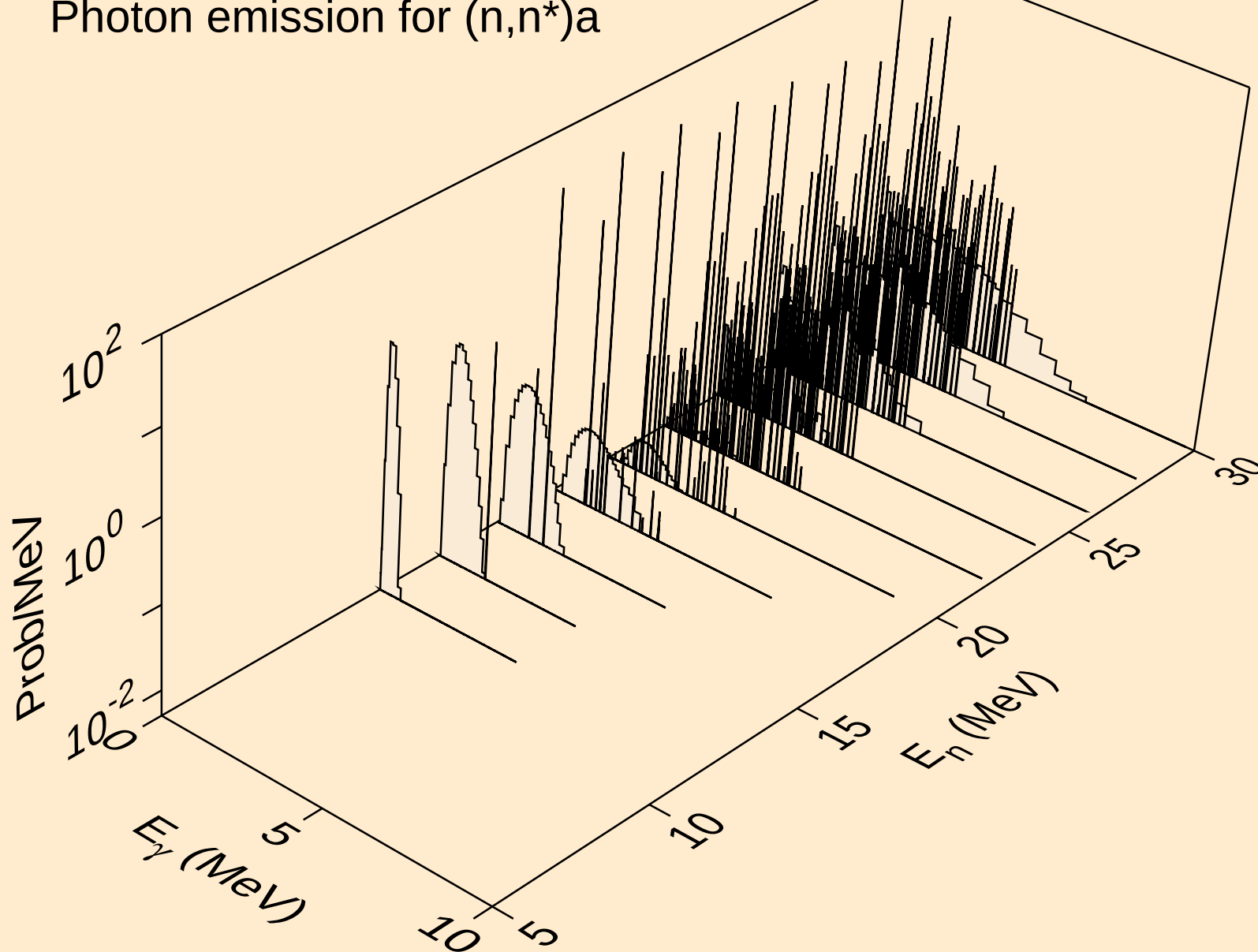
Photon emission for (z,x)



NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n)

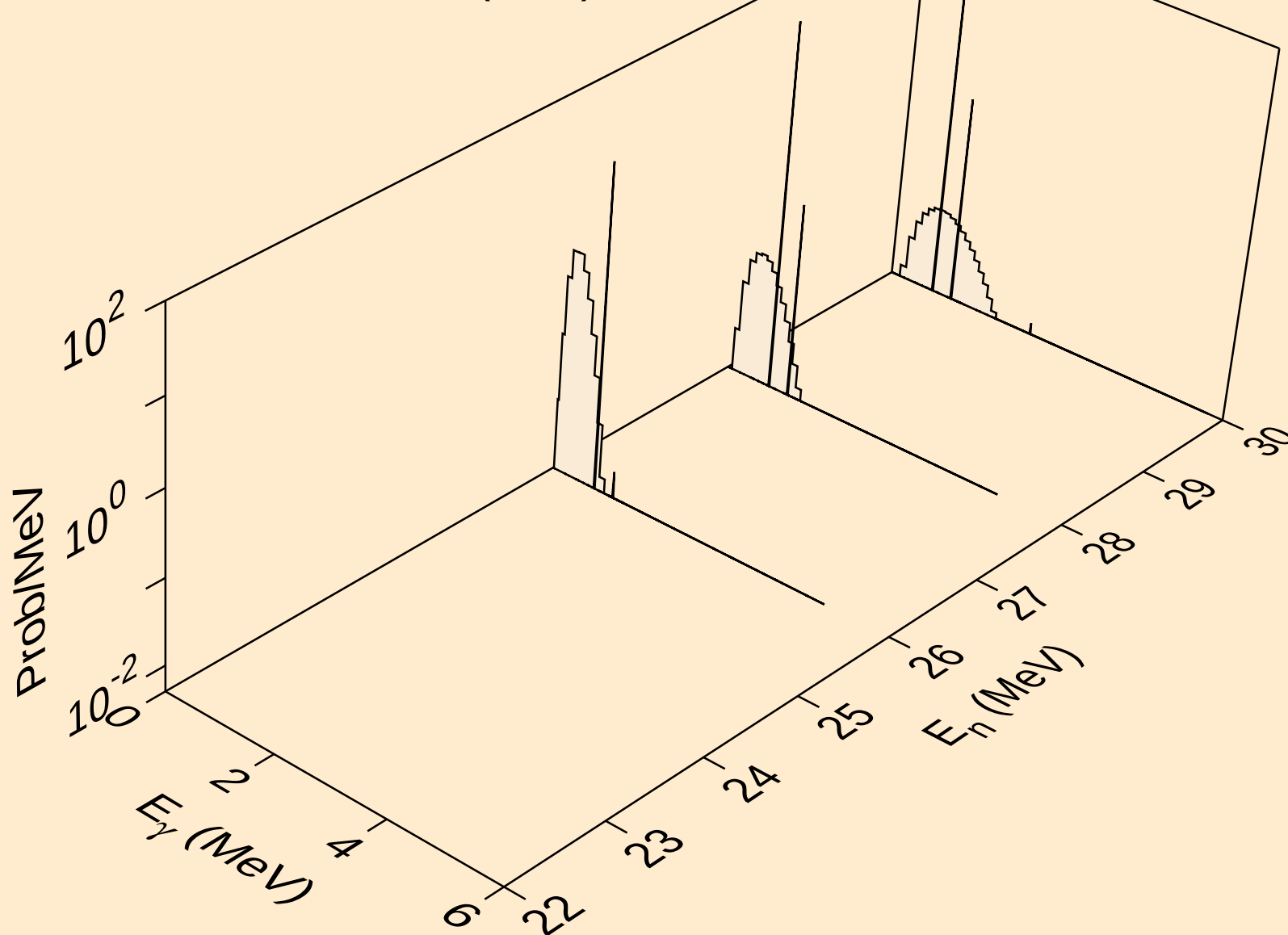


NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)a



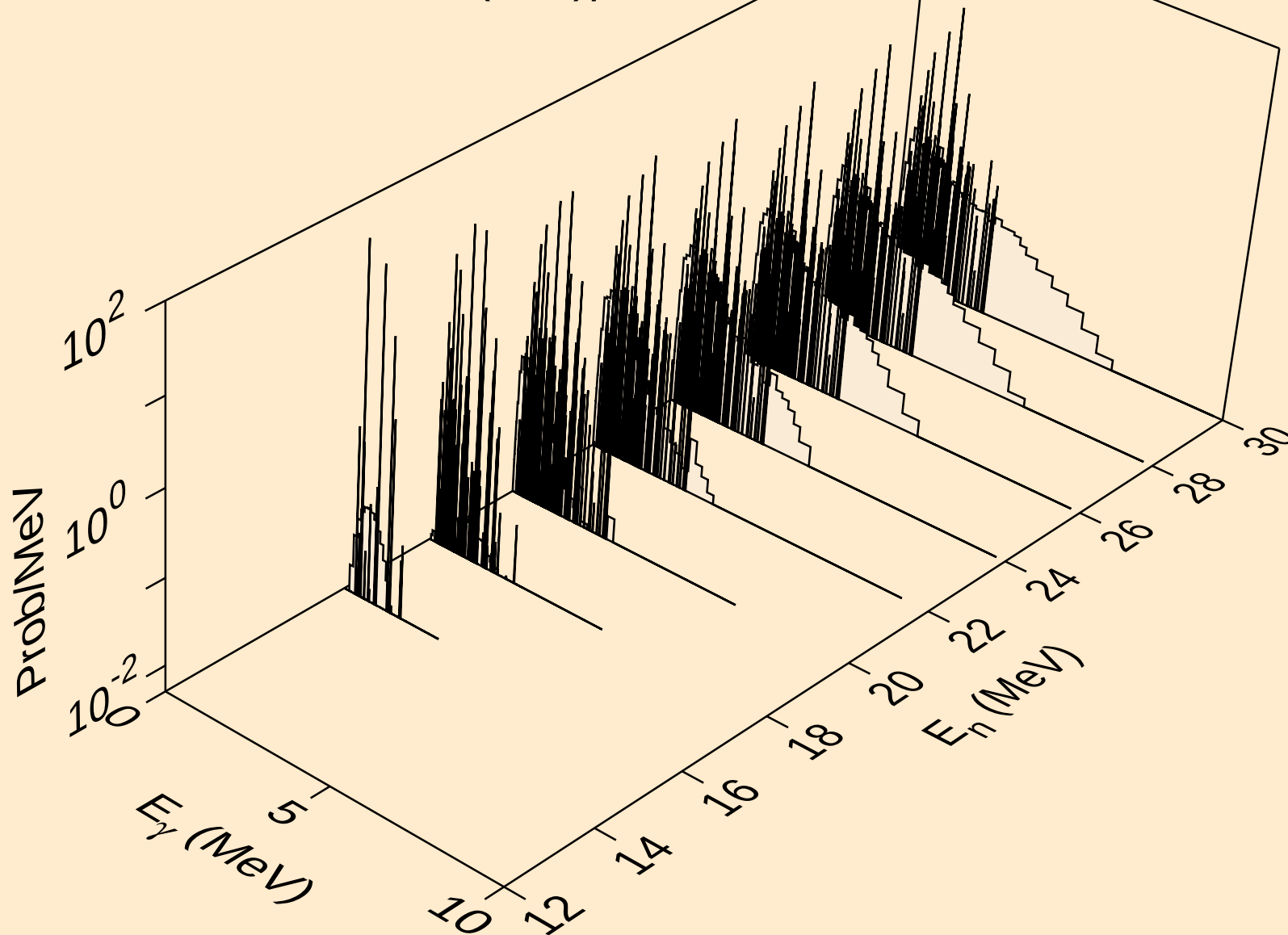
NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,2n) α



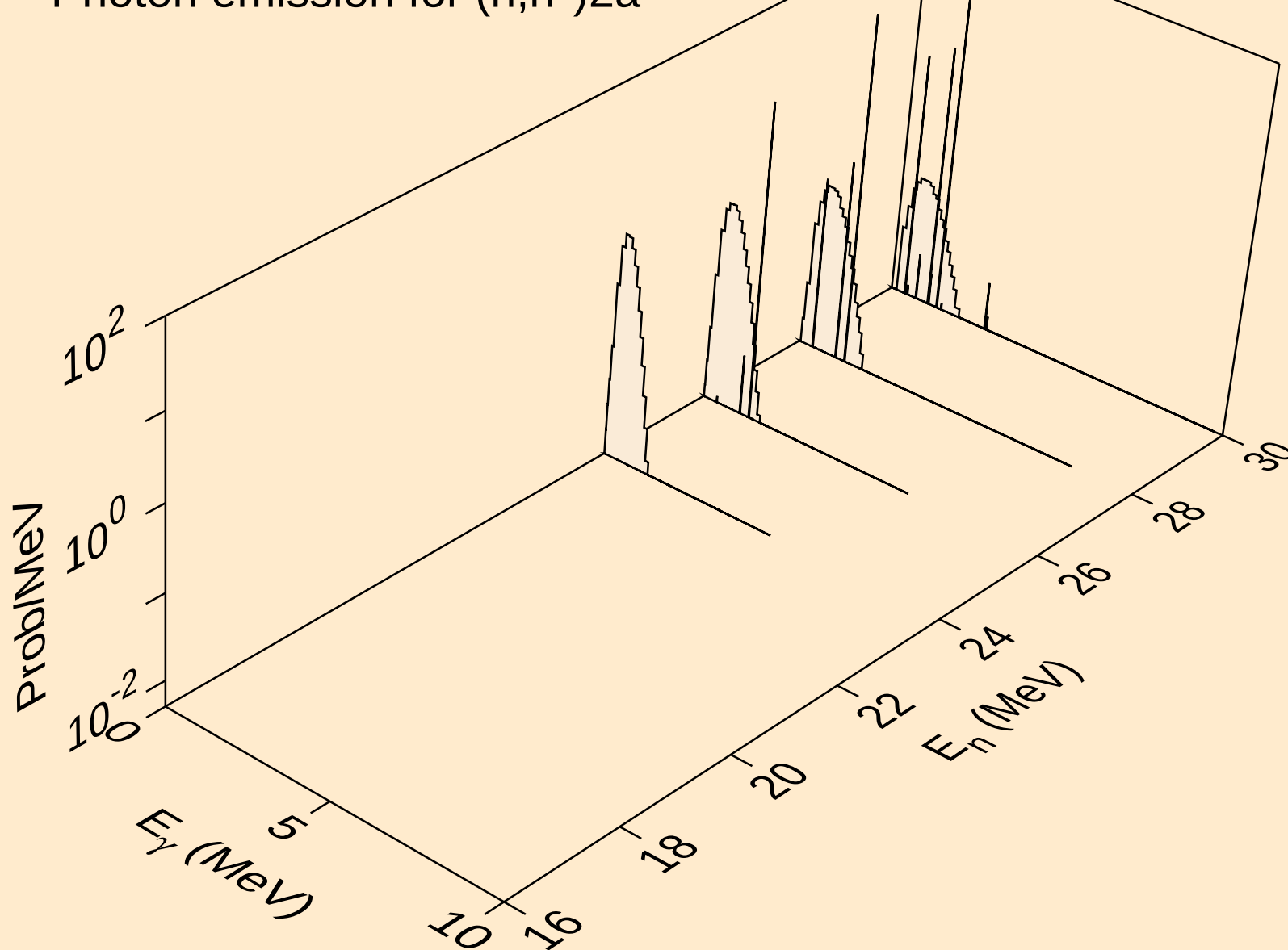
NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n*)p



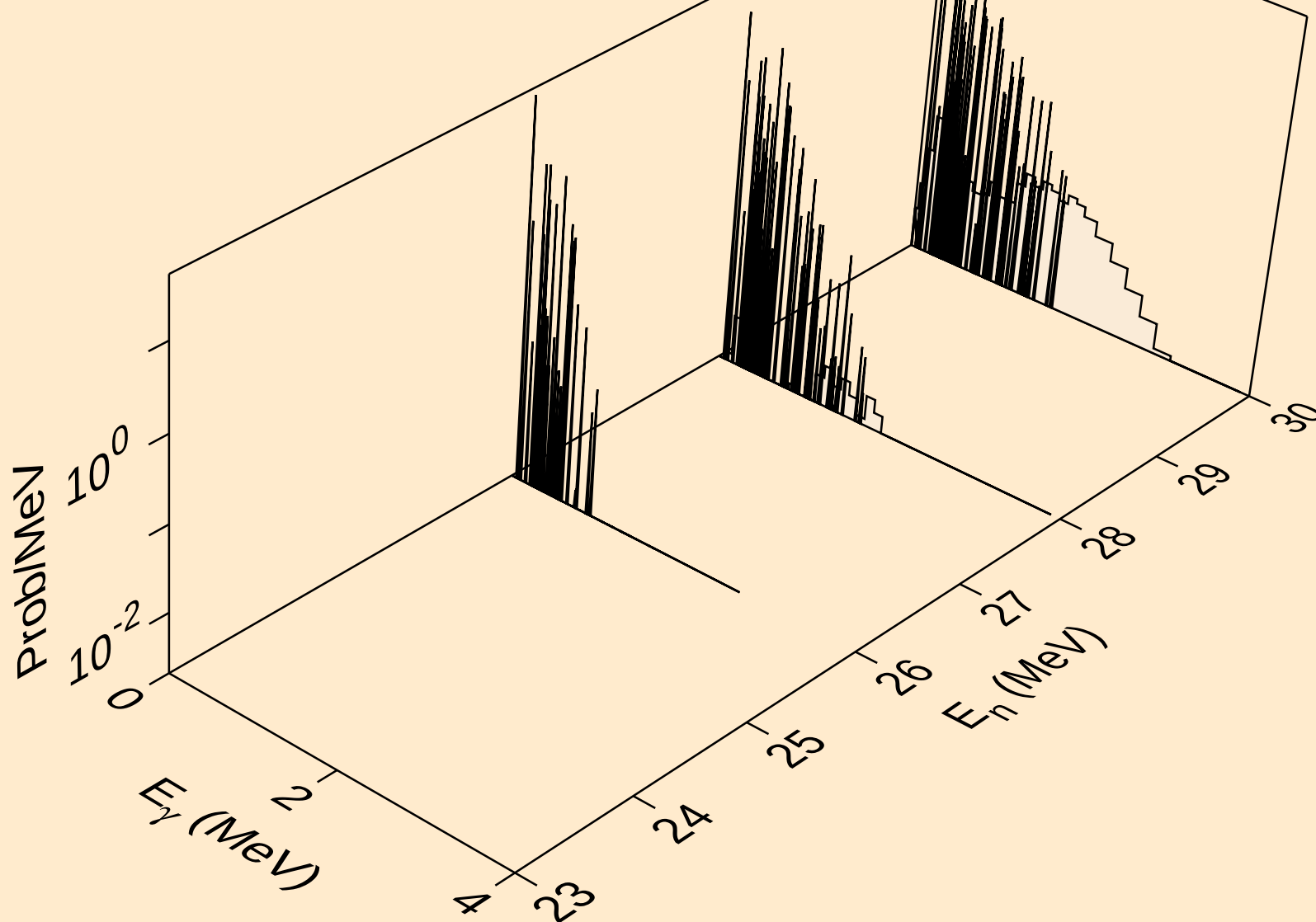
NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n*)2a



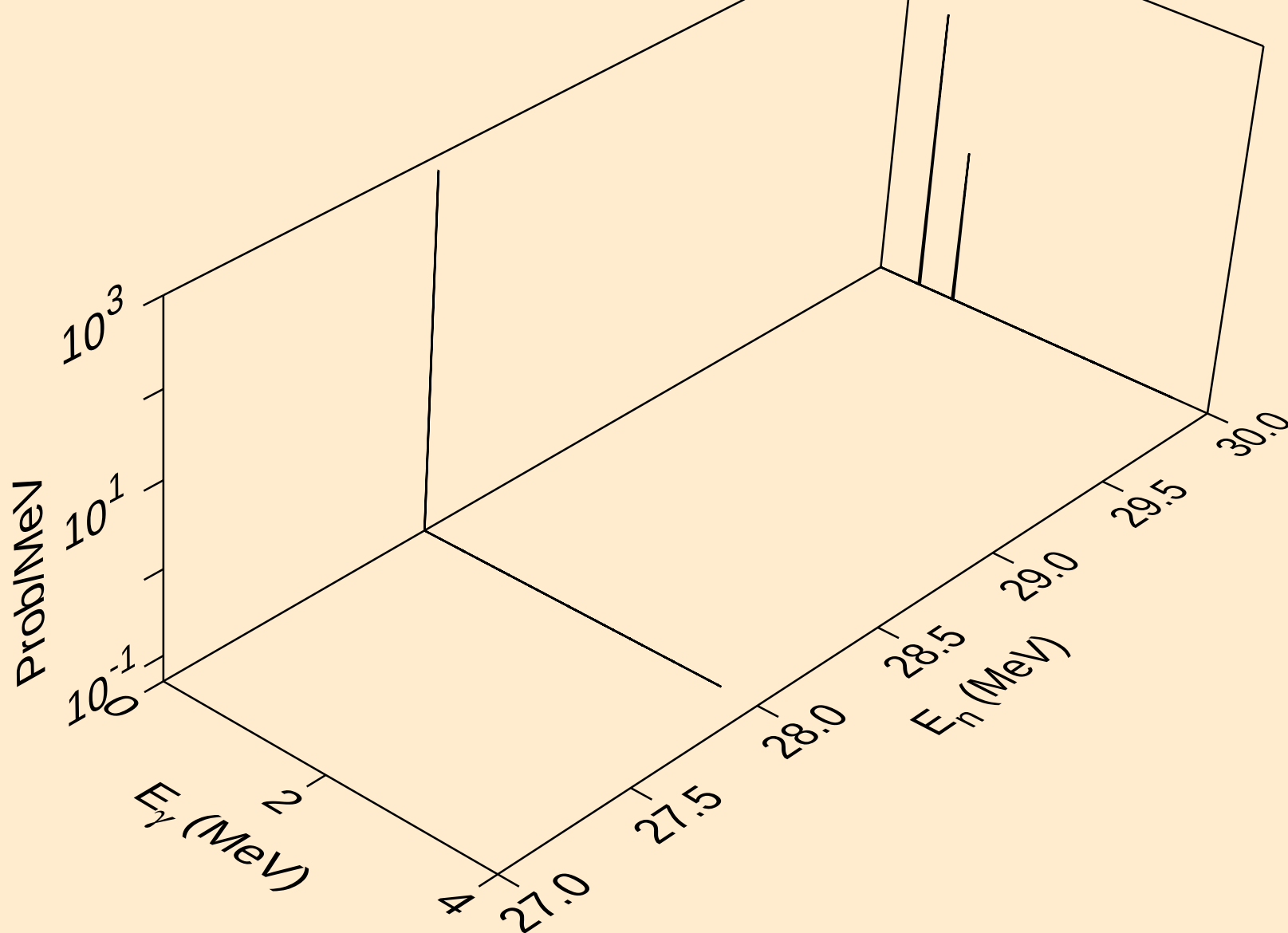
NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n*)d

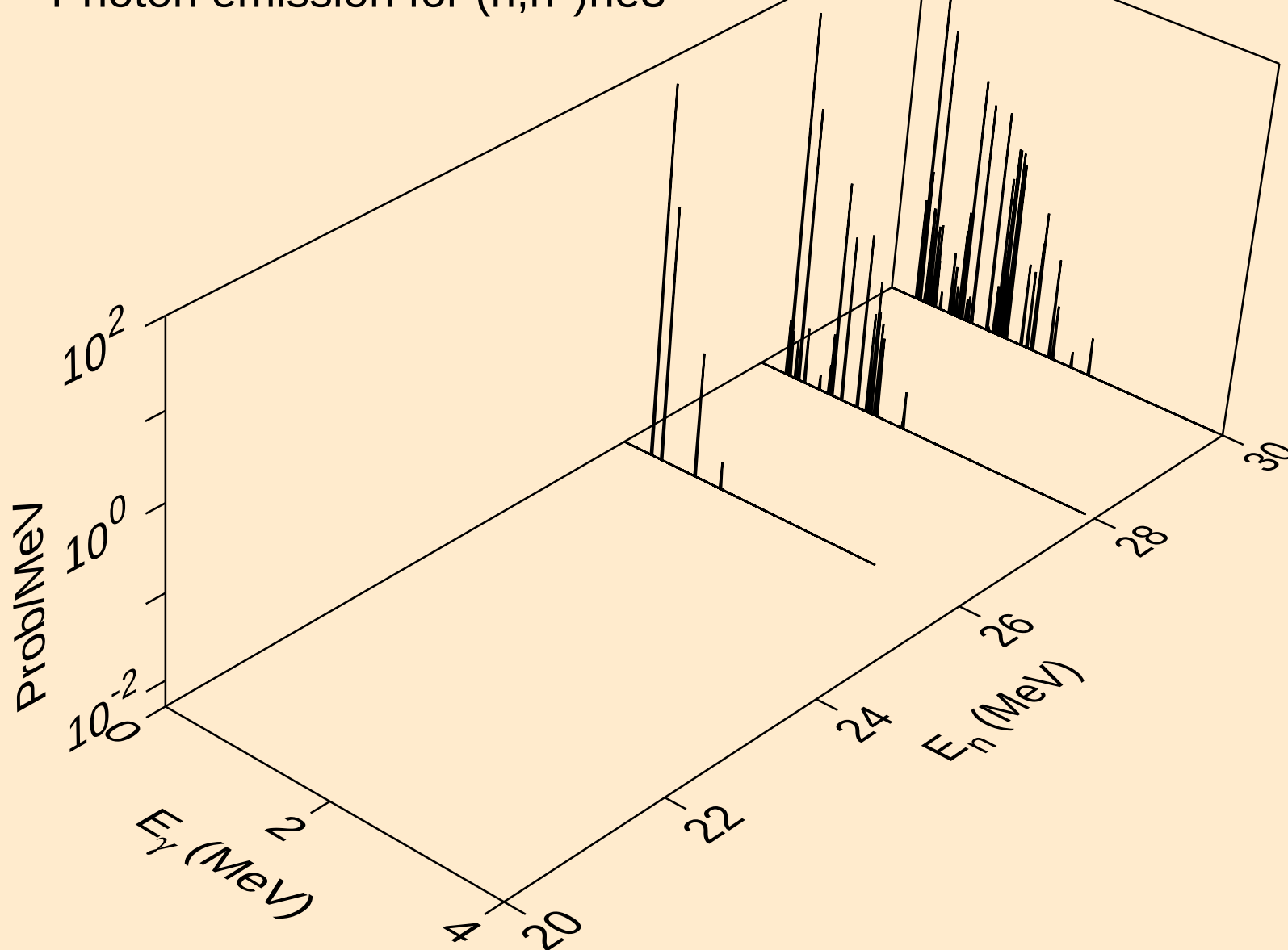


NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

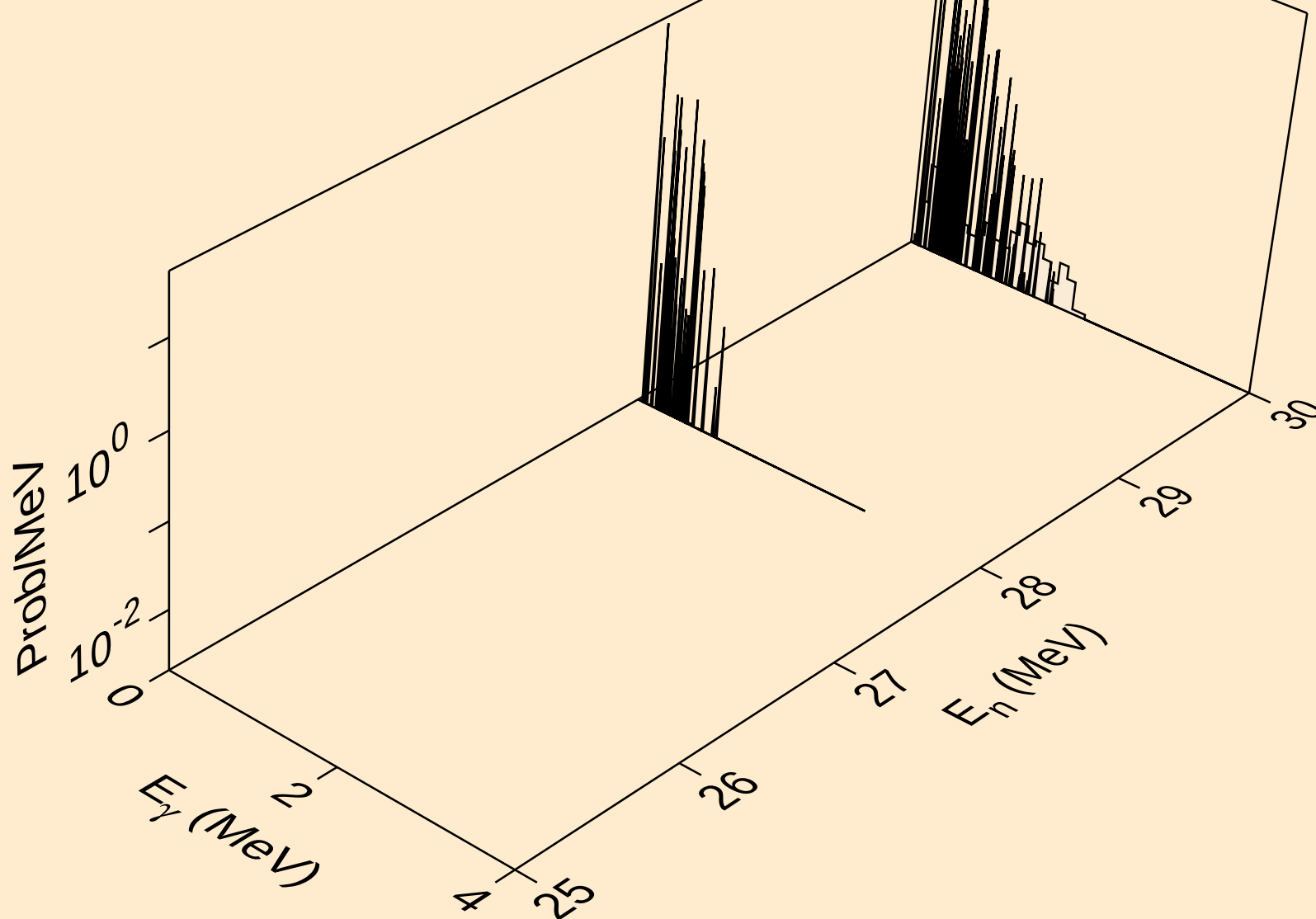
Photon emission for (n,n*)t



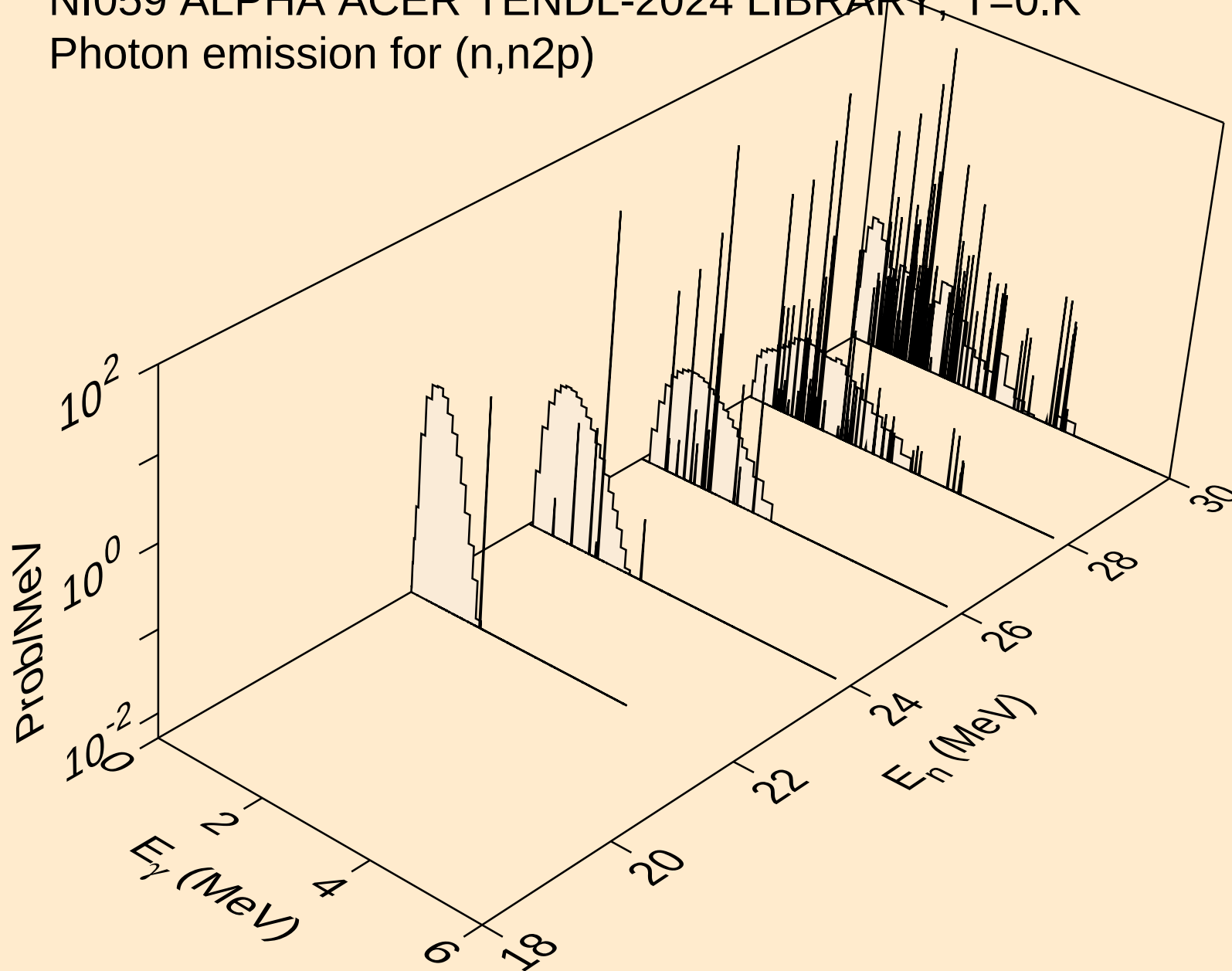
NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)he3



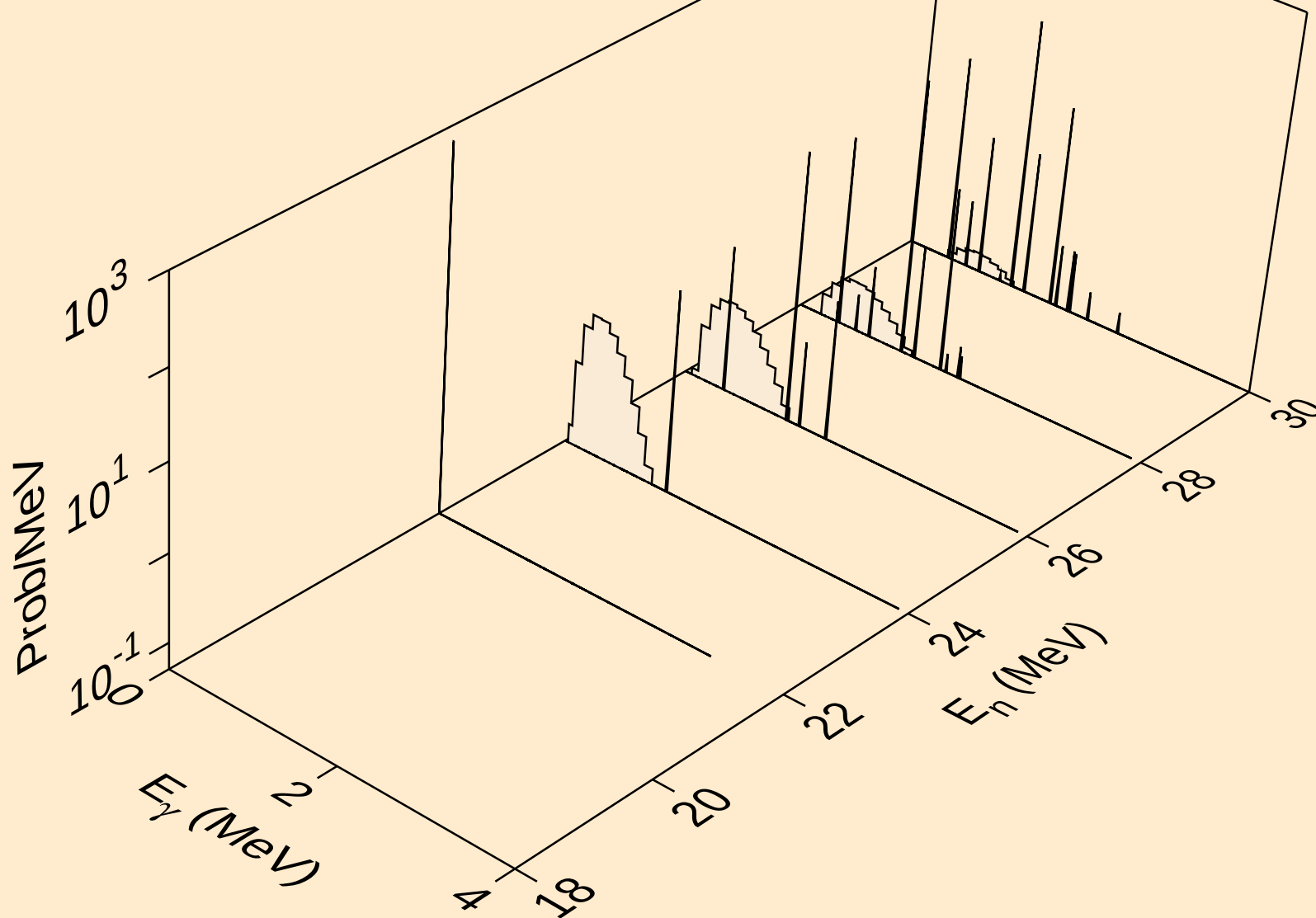
NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2np)



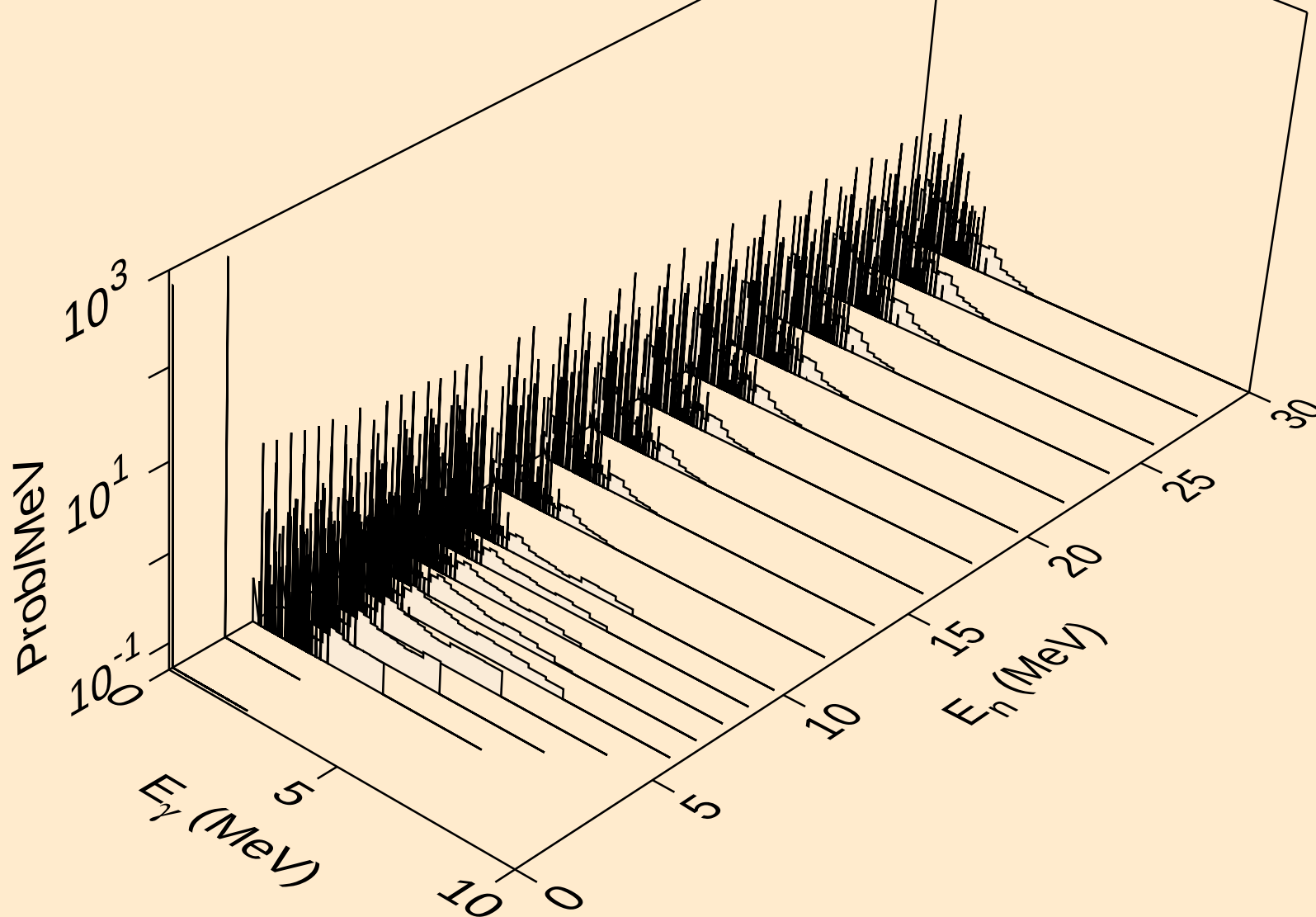
NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n2p)



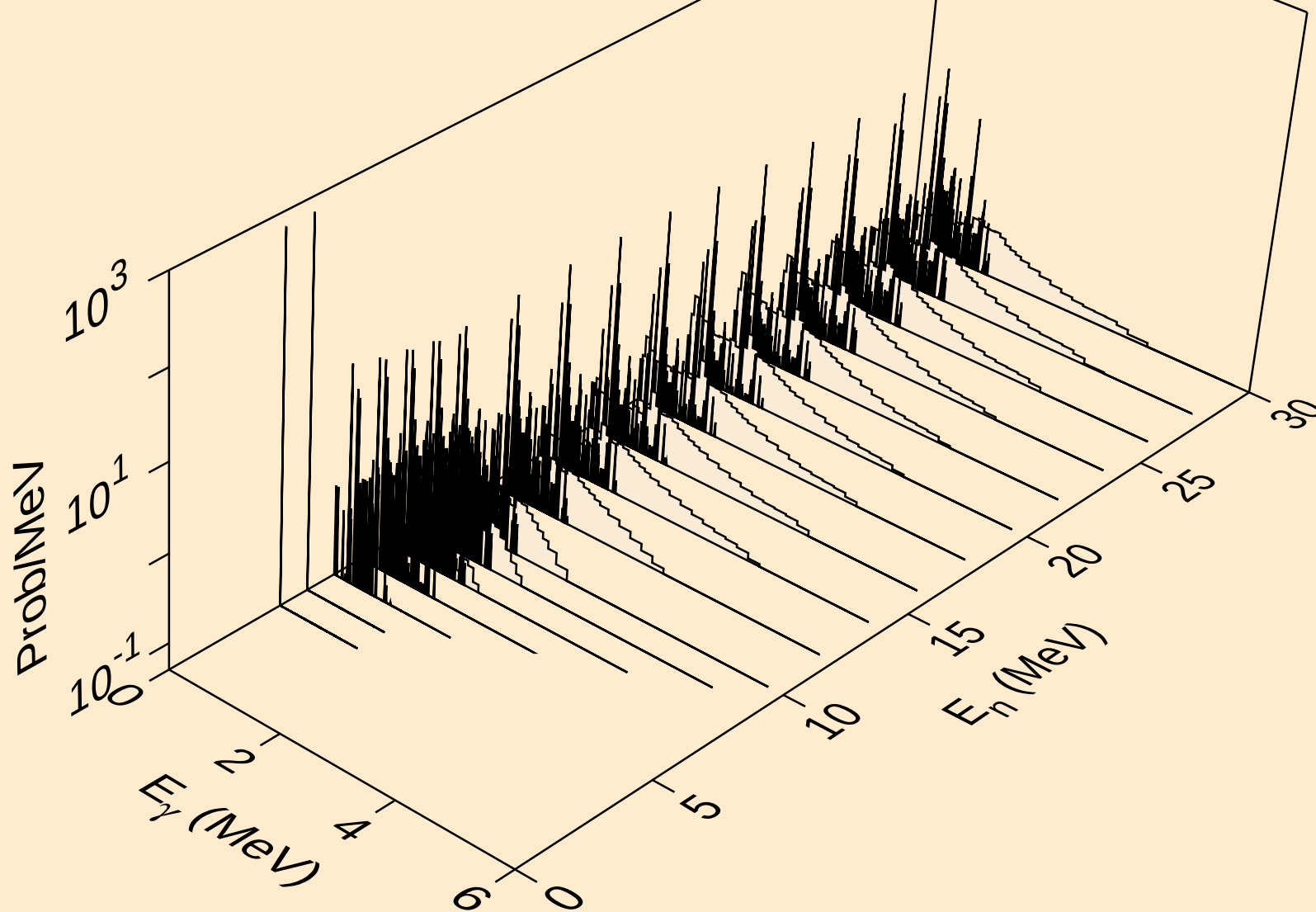
NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,npa)



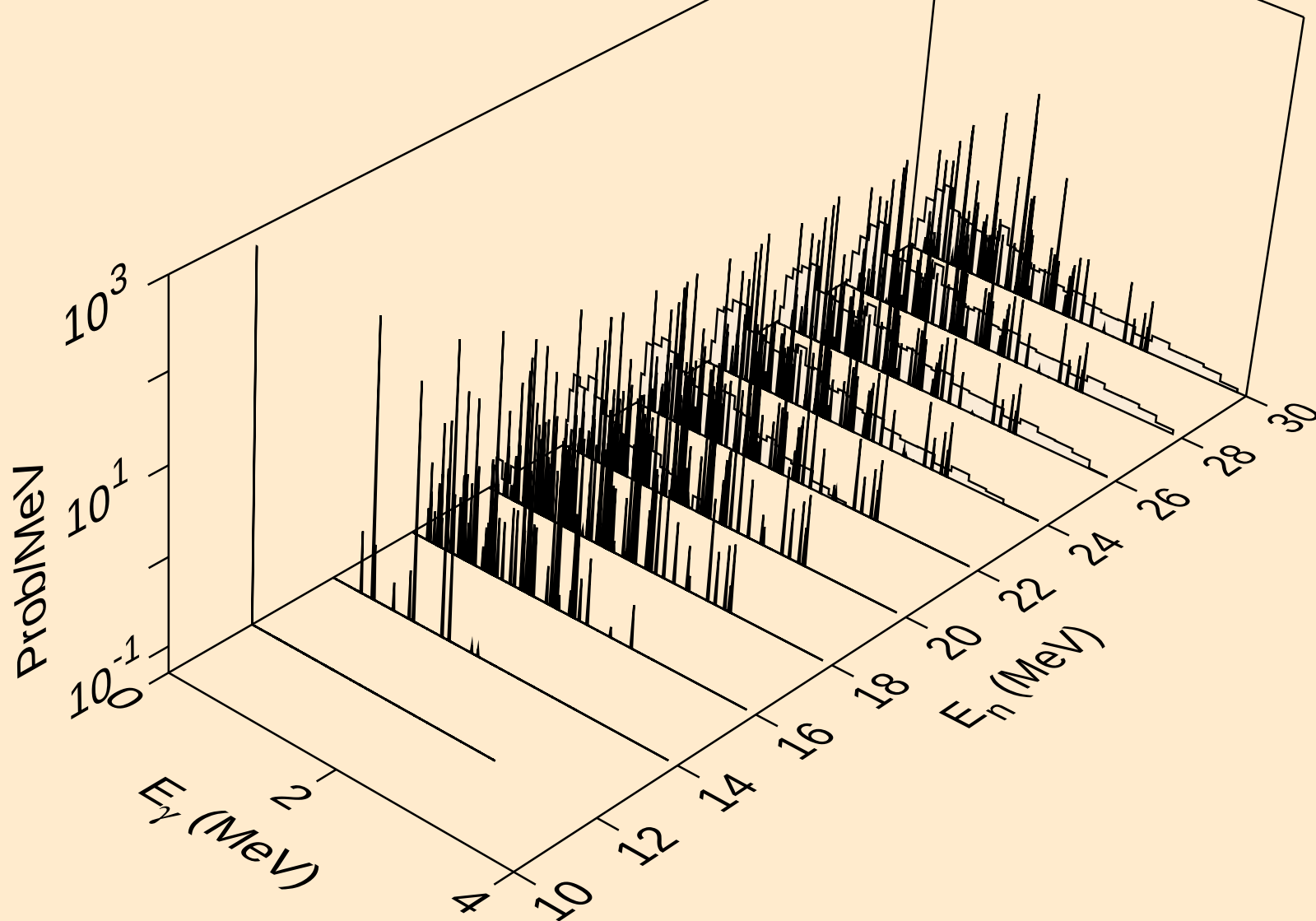
NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,gma)



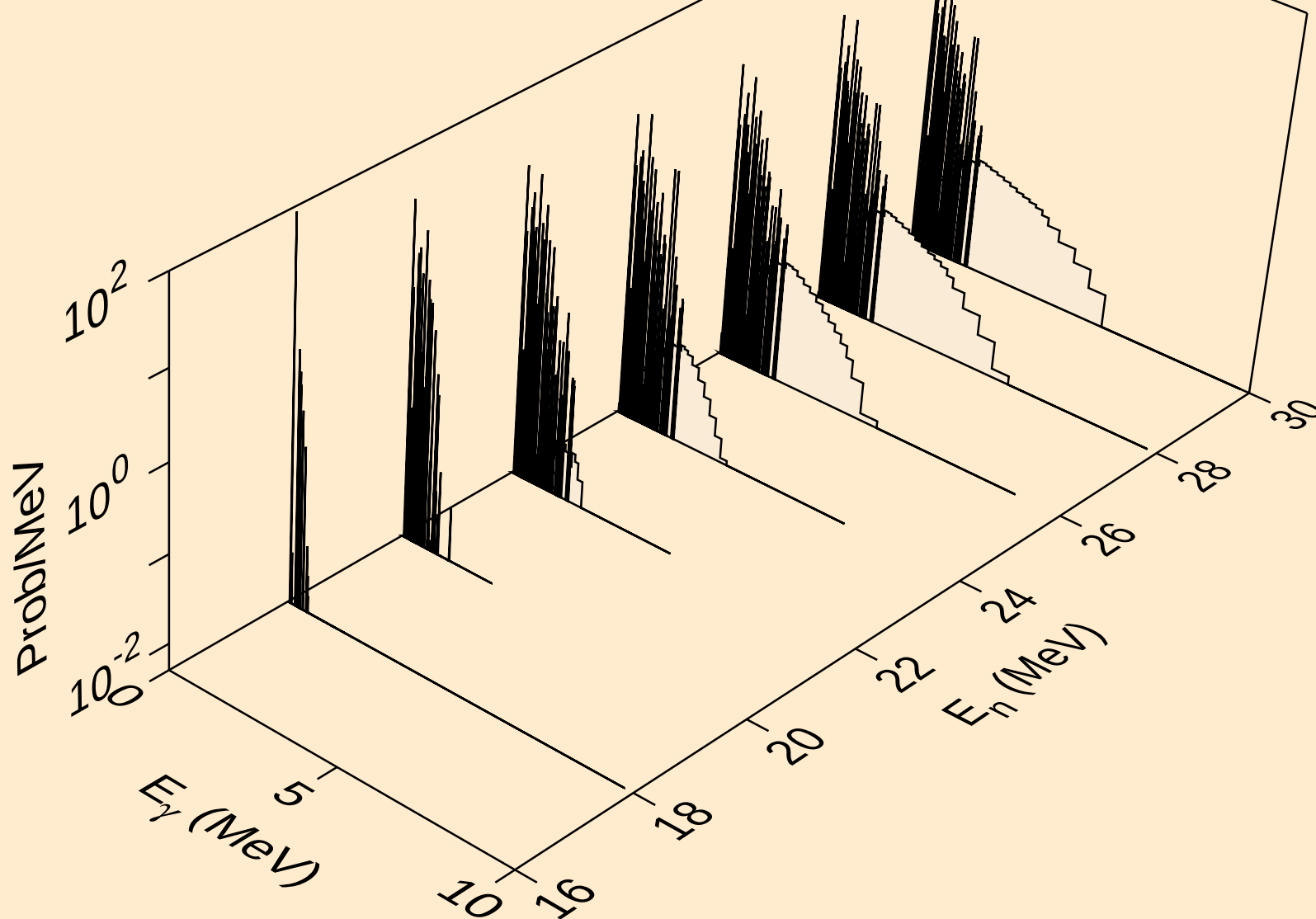
NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,p)



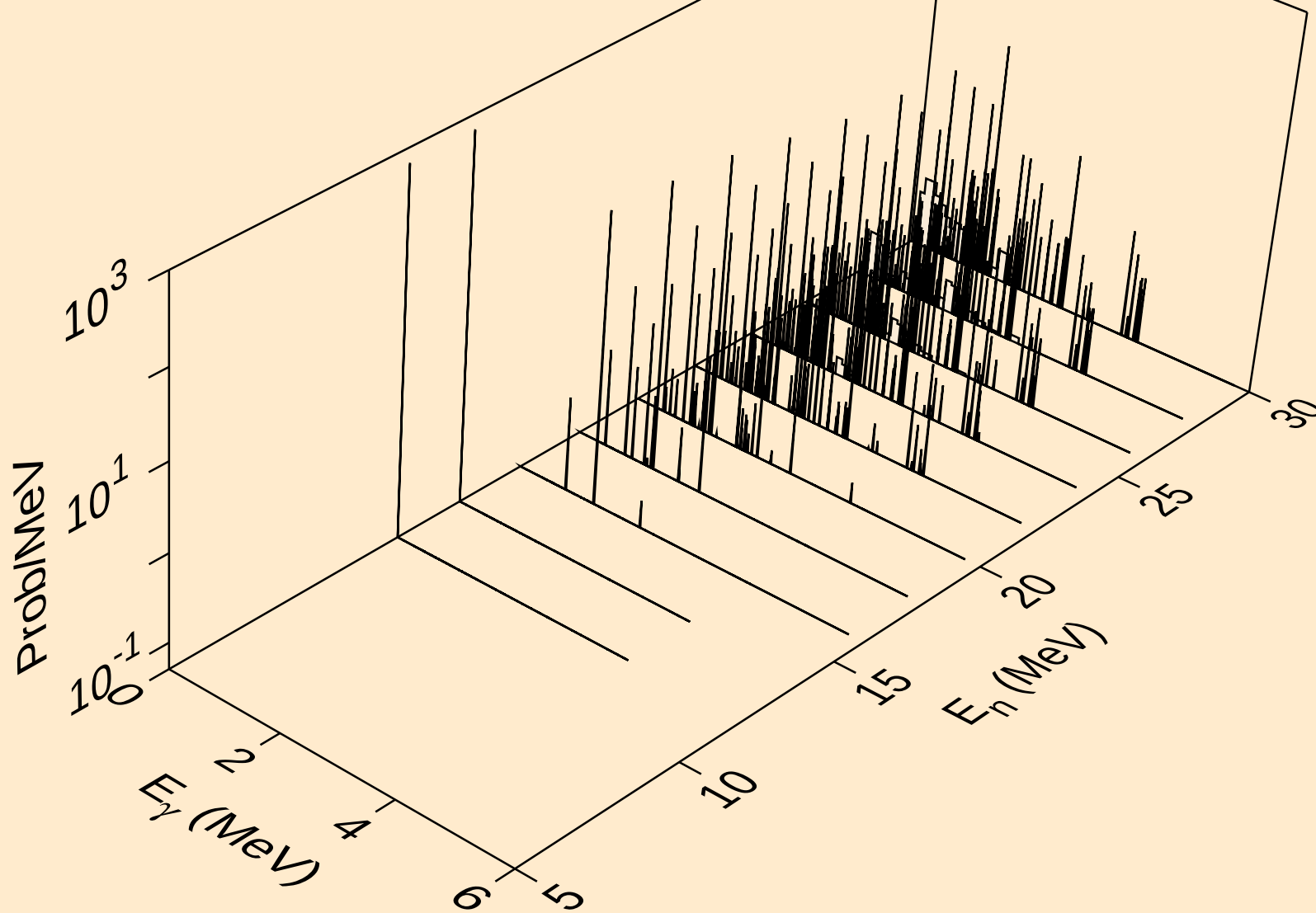
NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,d)



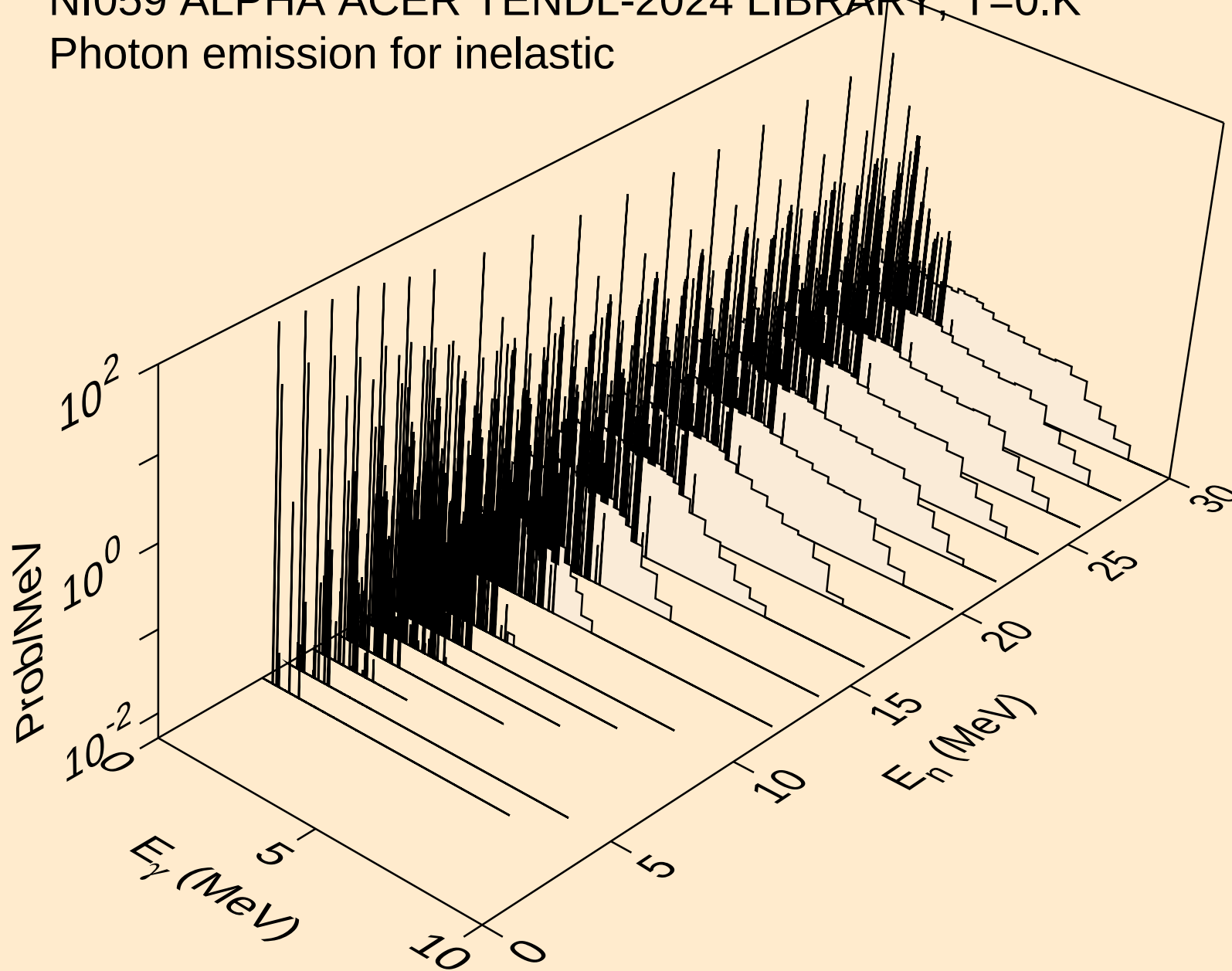
NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,t)



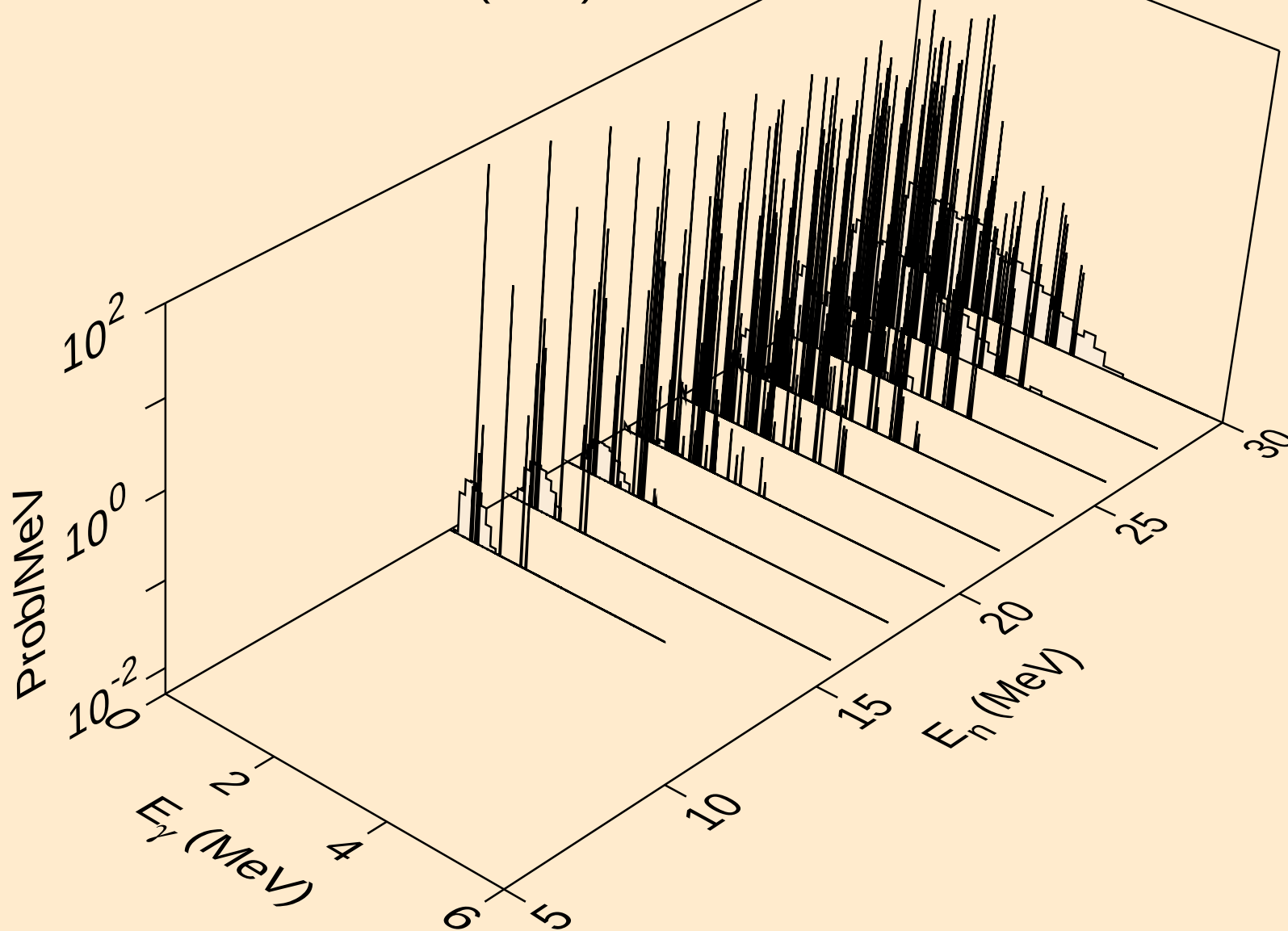
NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,he3)



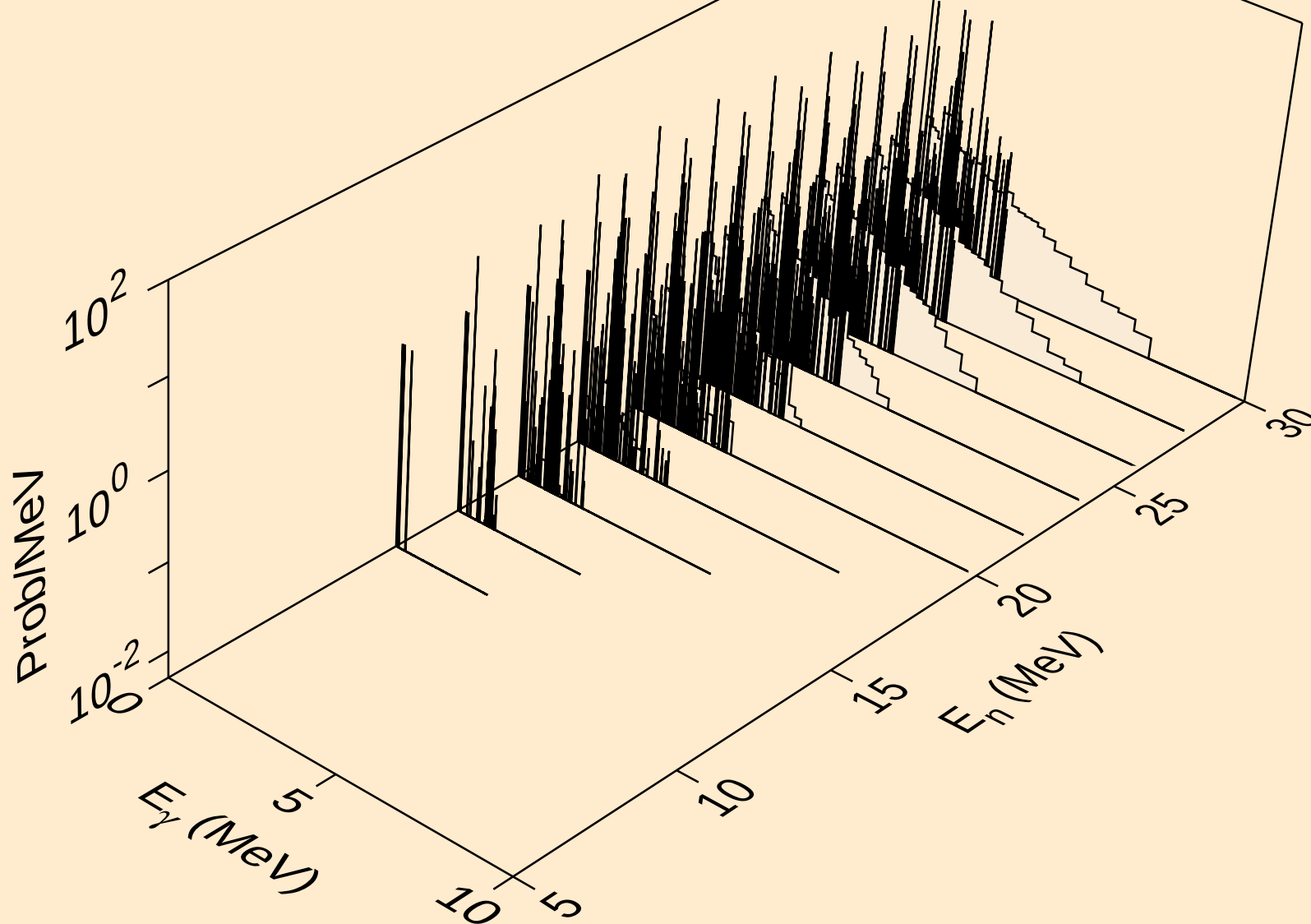
NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for inelastic



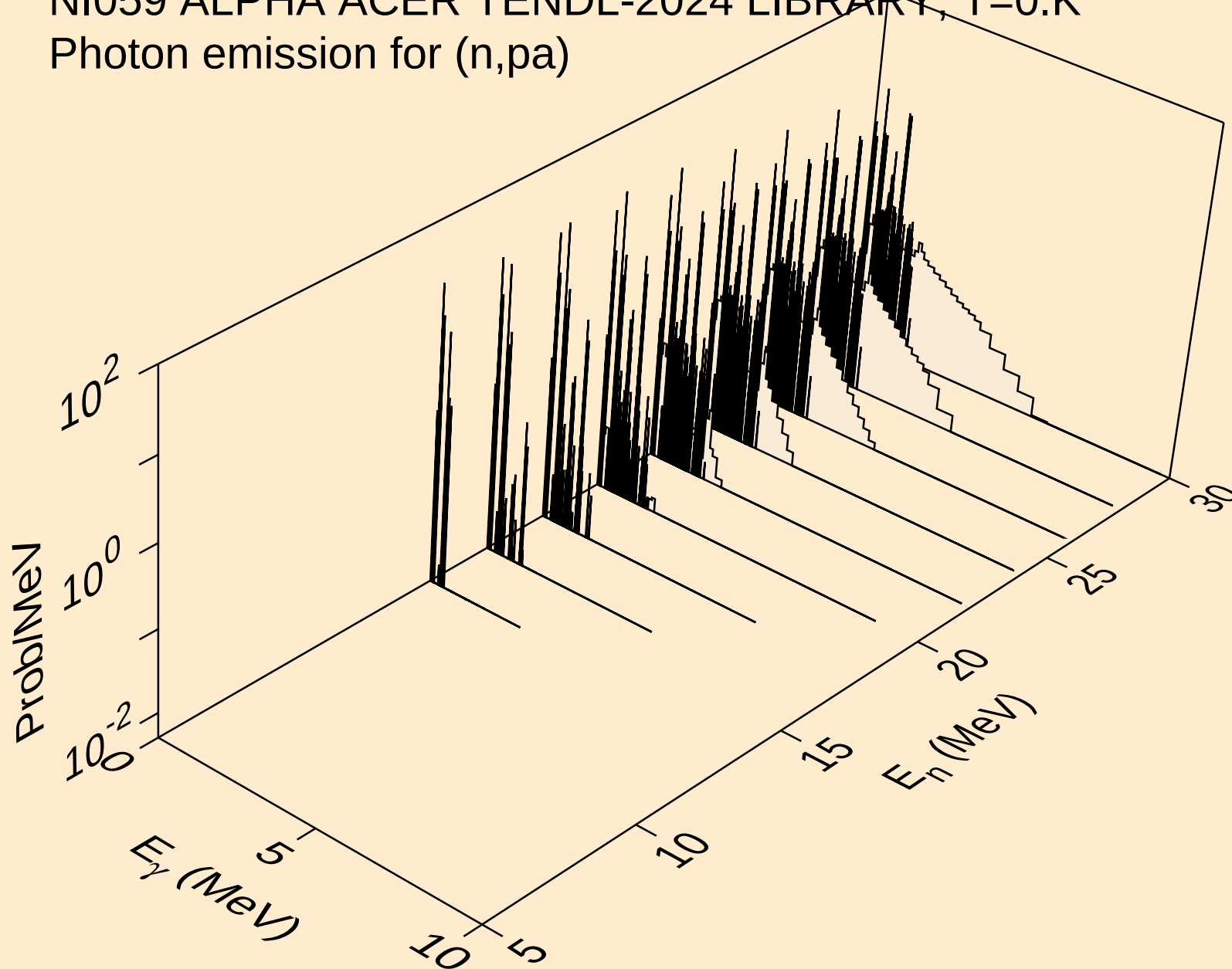
NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2a)



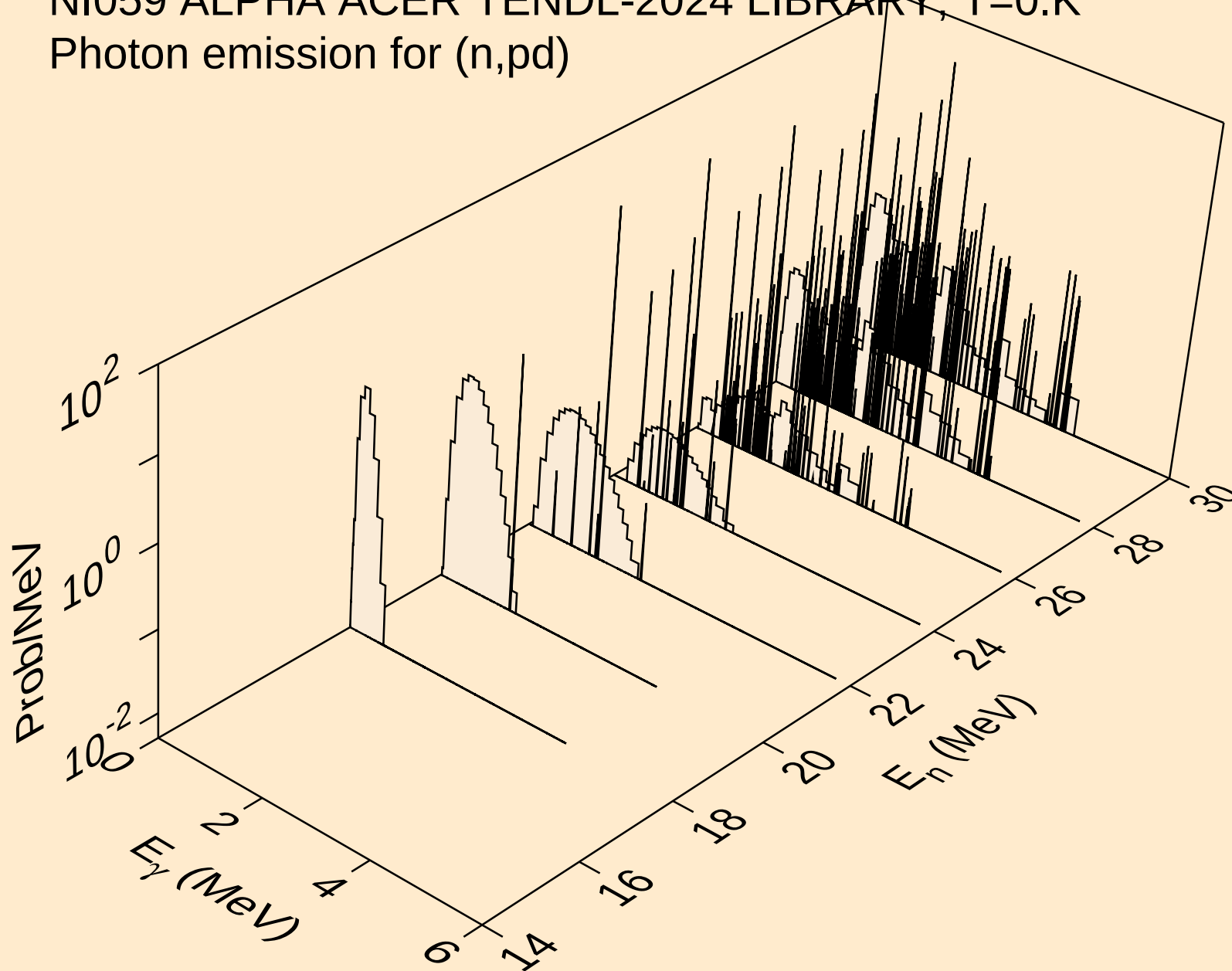
NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2p)



NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pa)

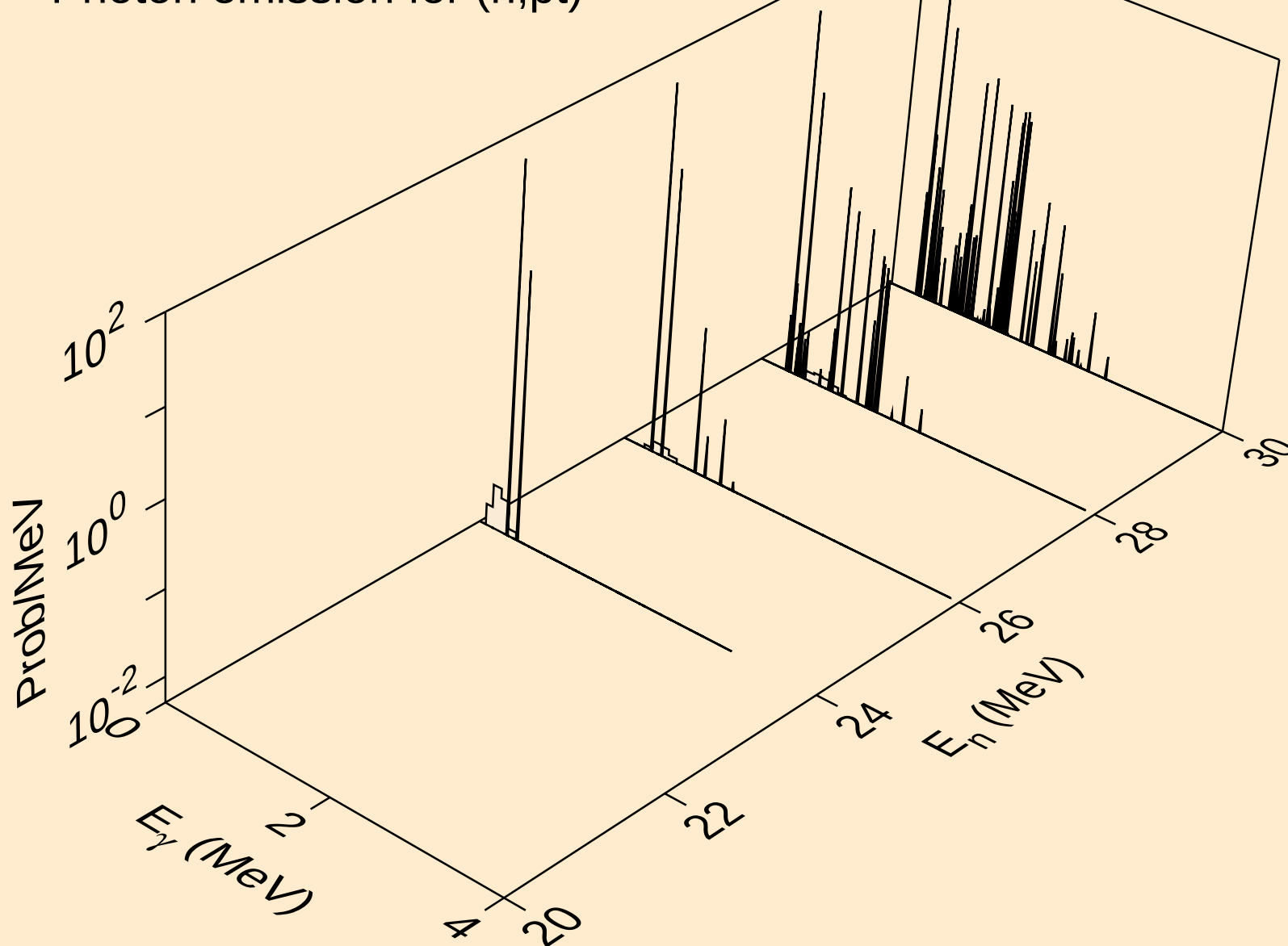


NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pd)

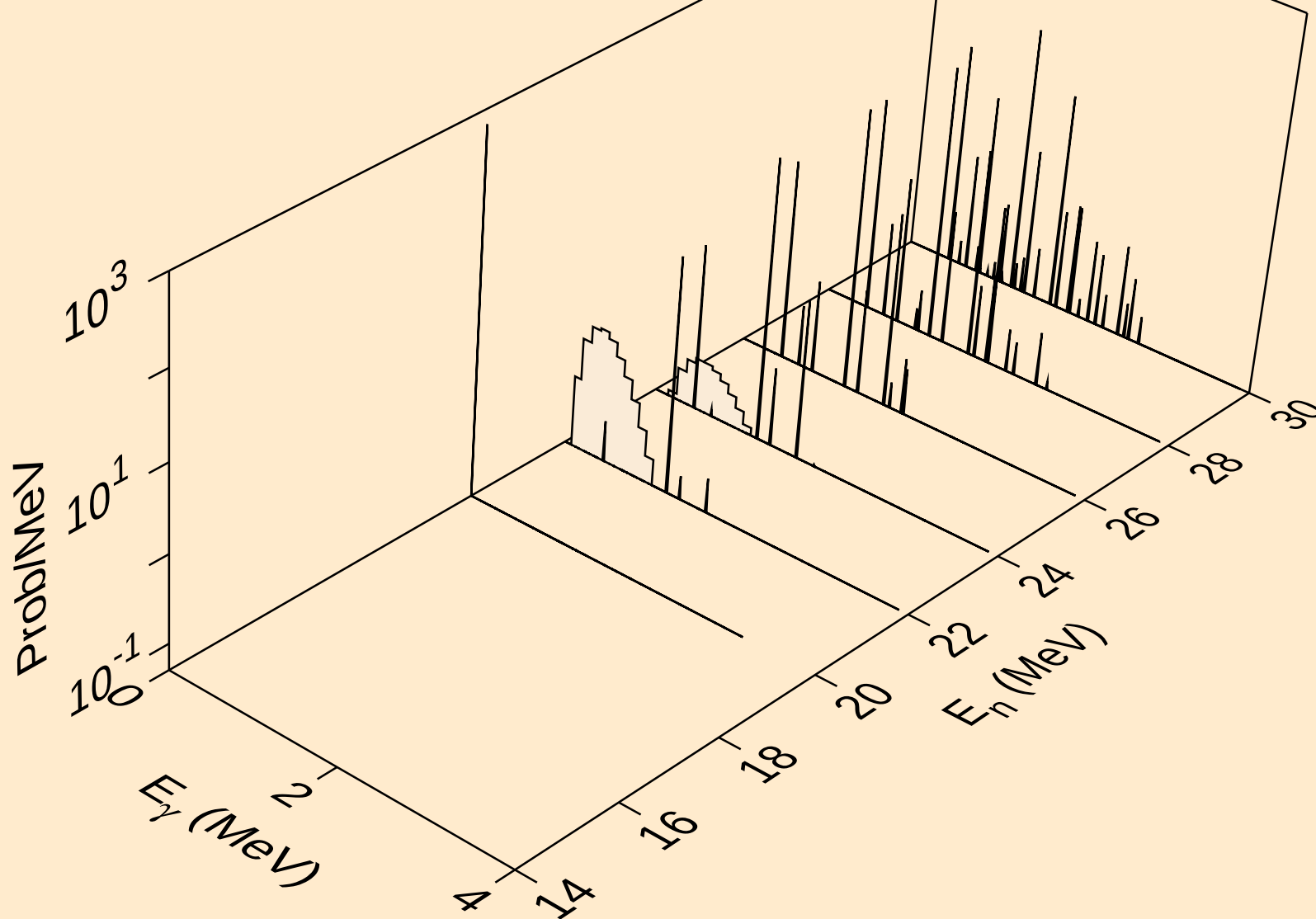


NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,pt)

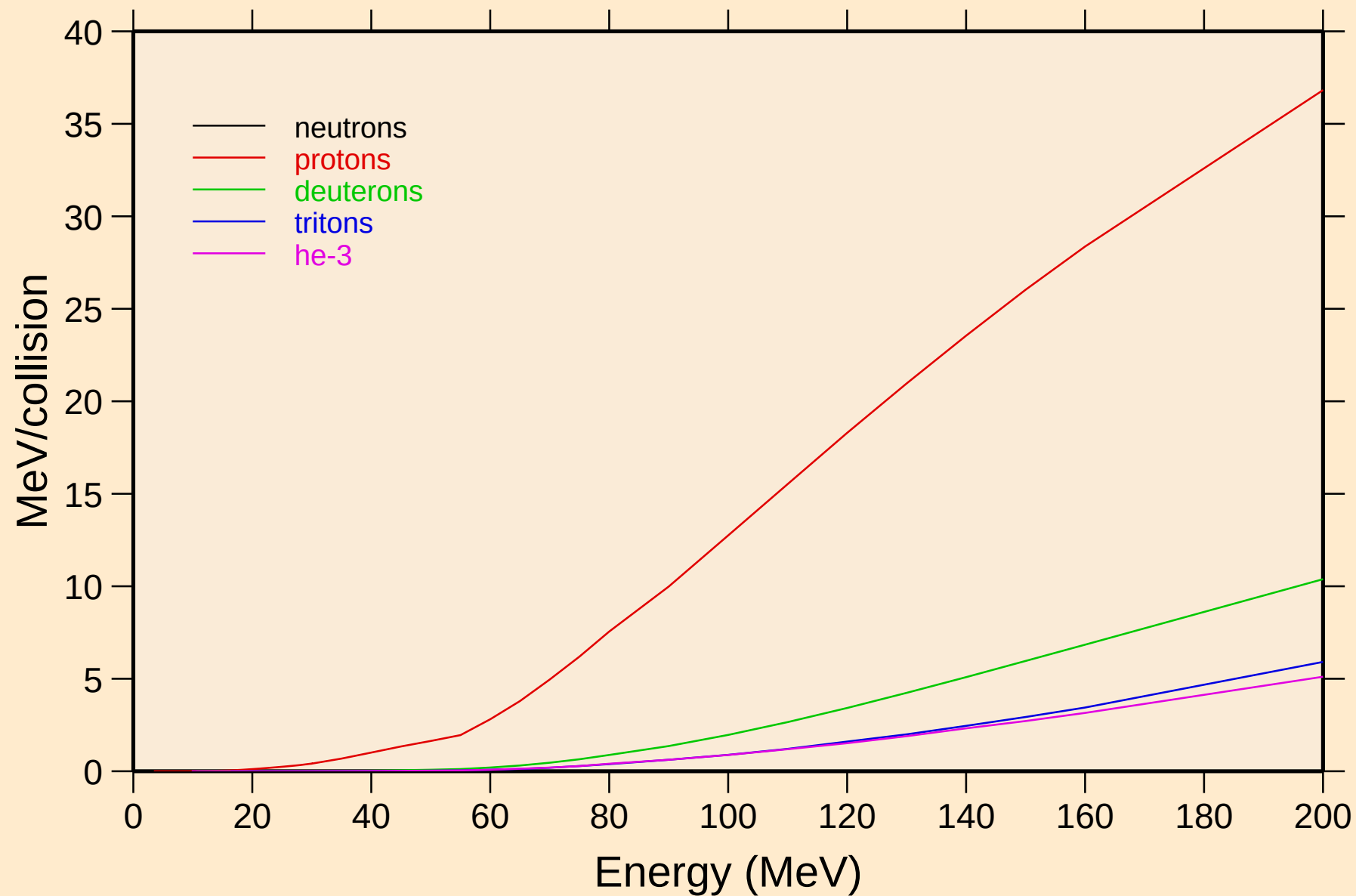


NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,da)



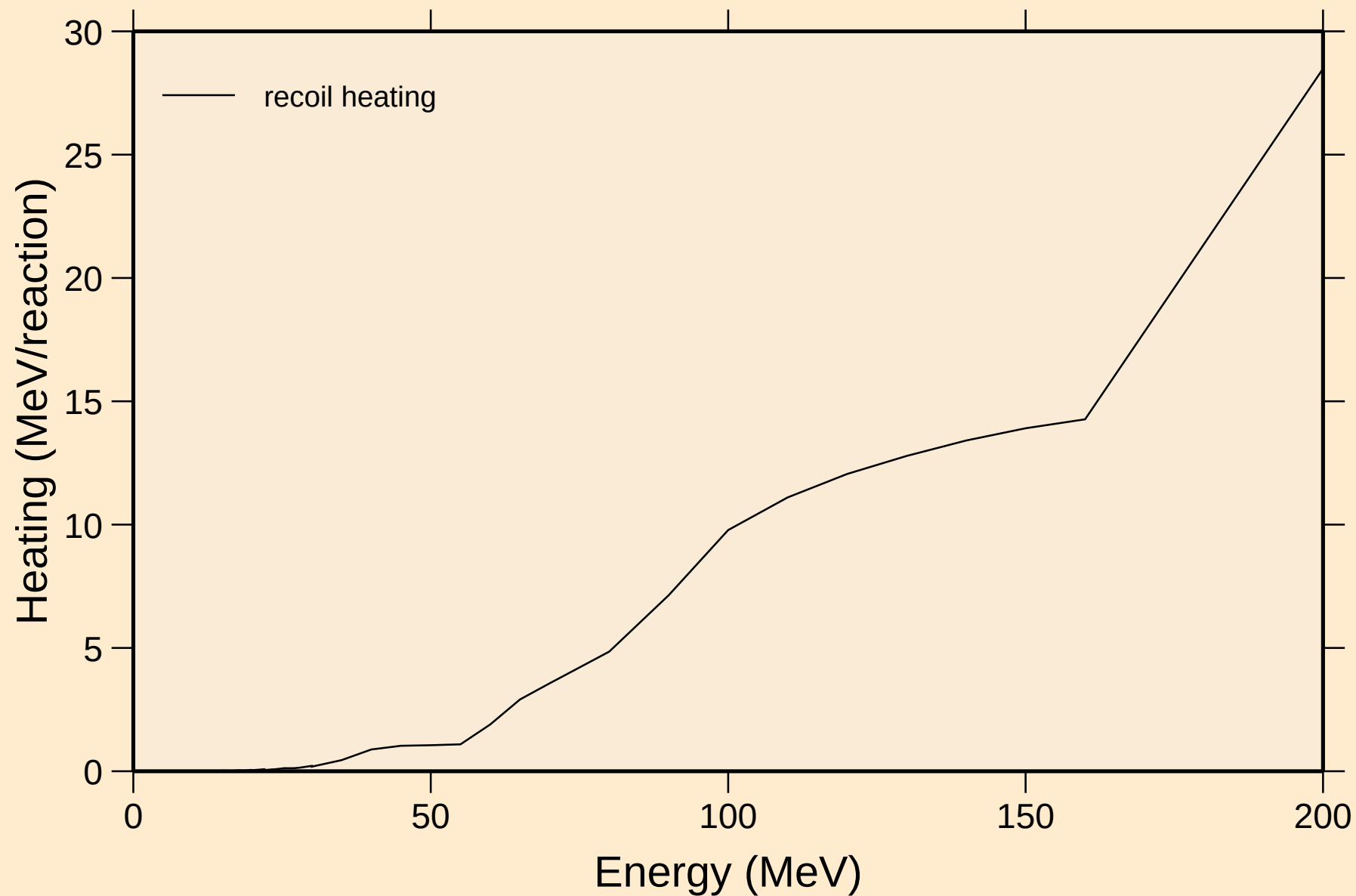
NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Particle heating contributions



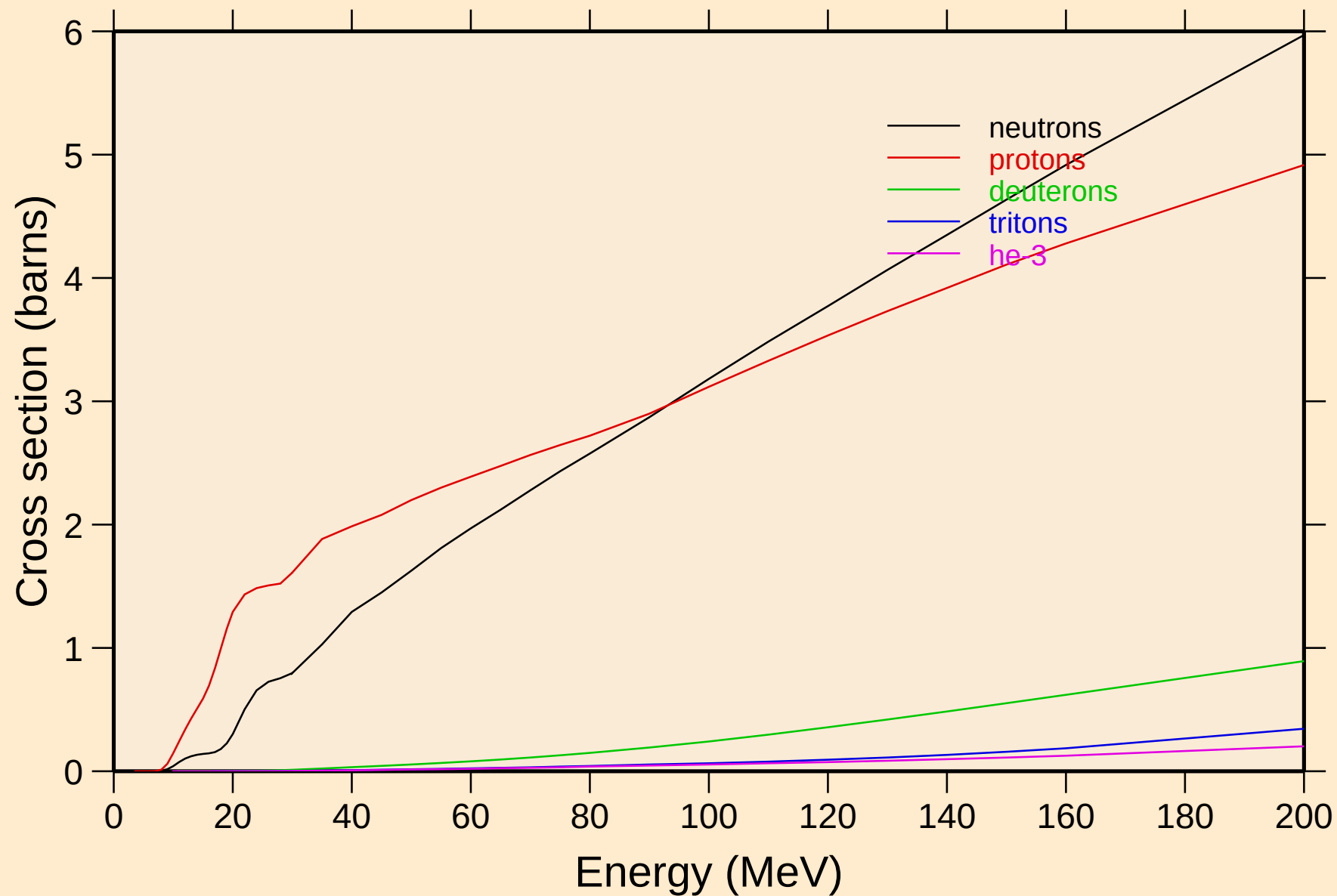
NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Recoil Heating

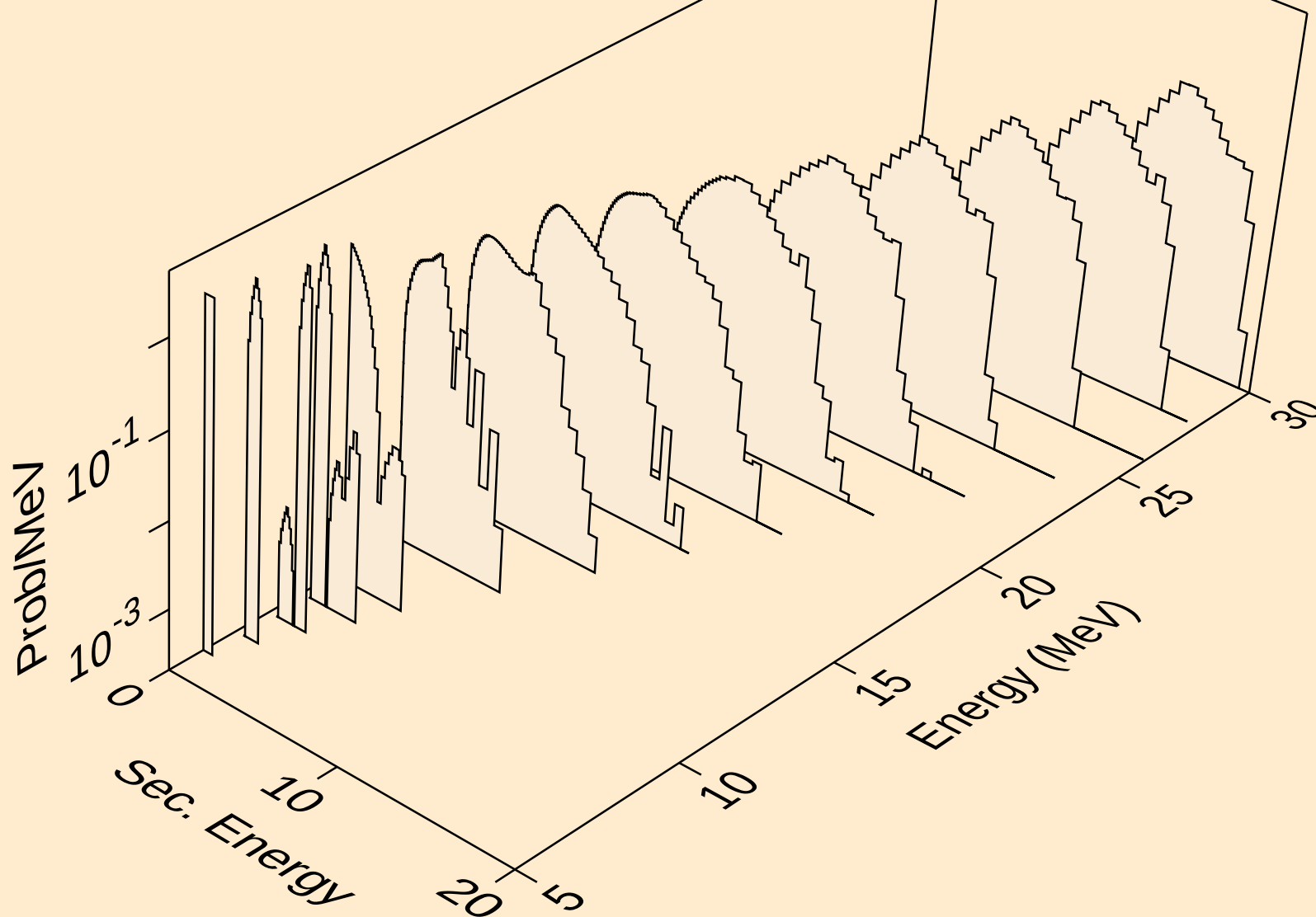


NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

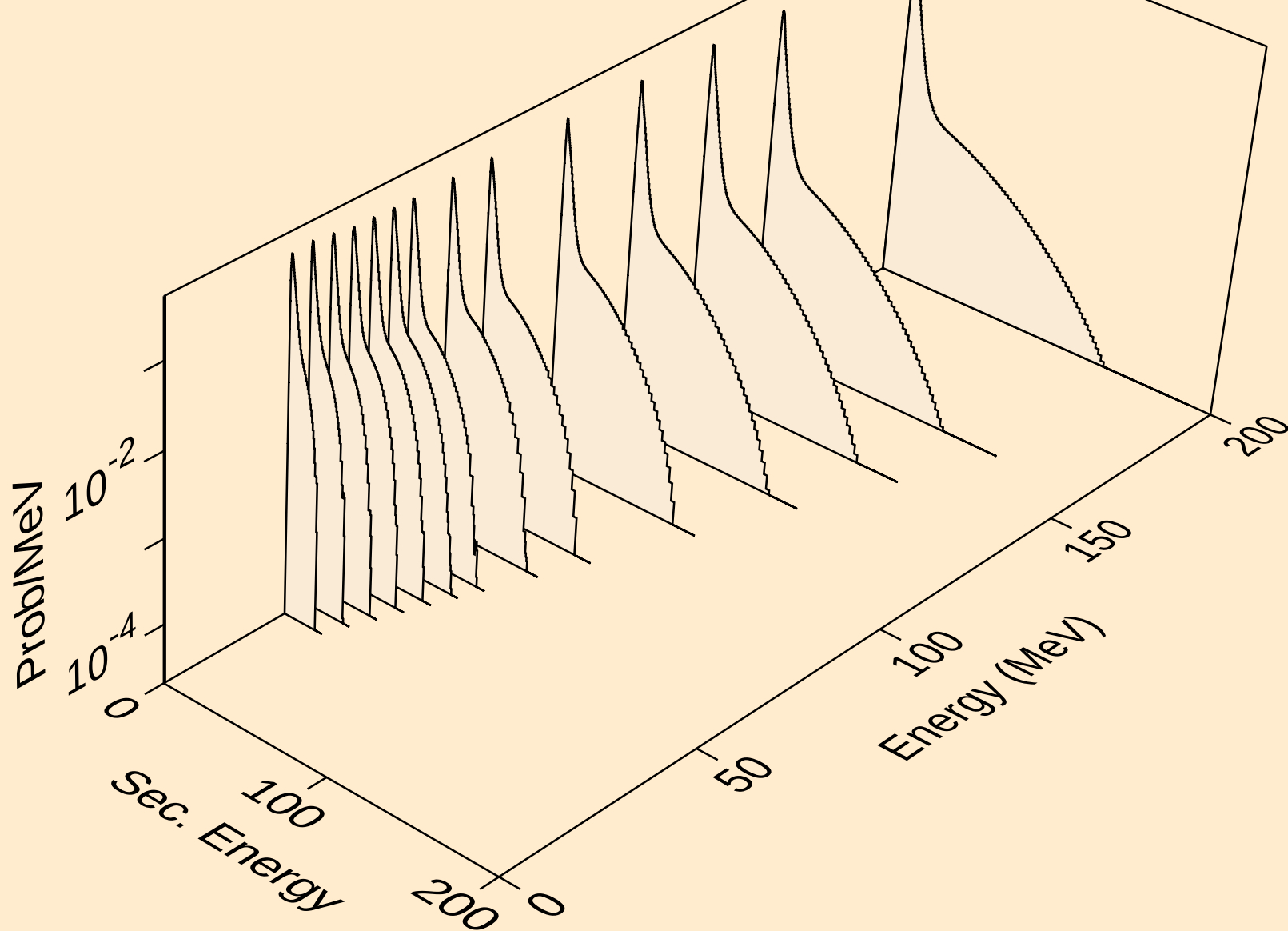
Particle production cross sections



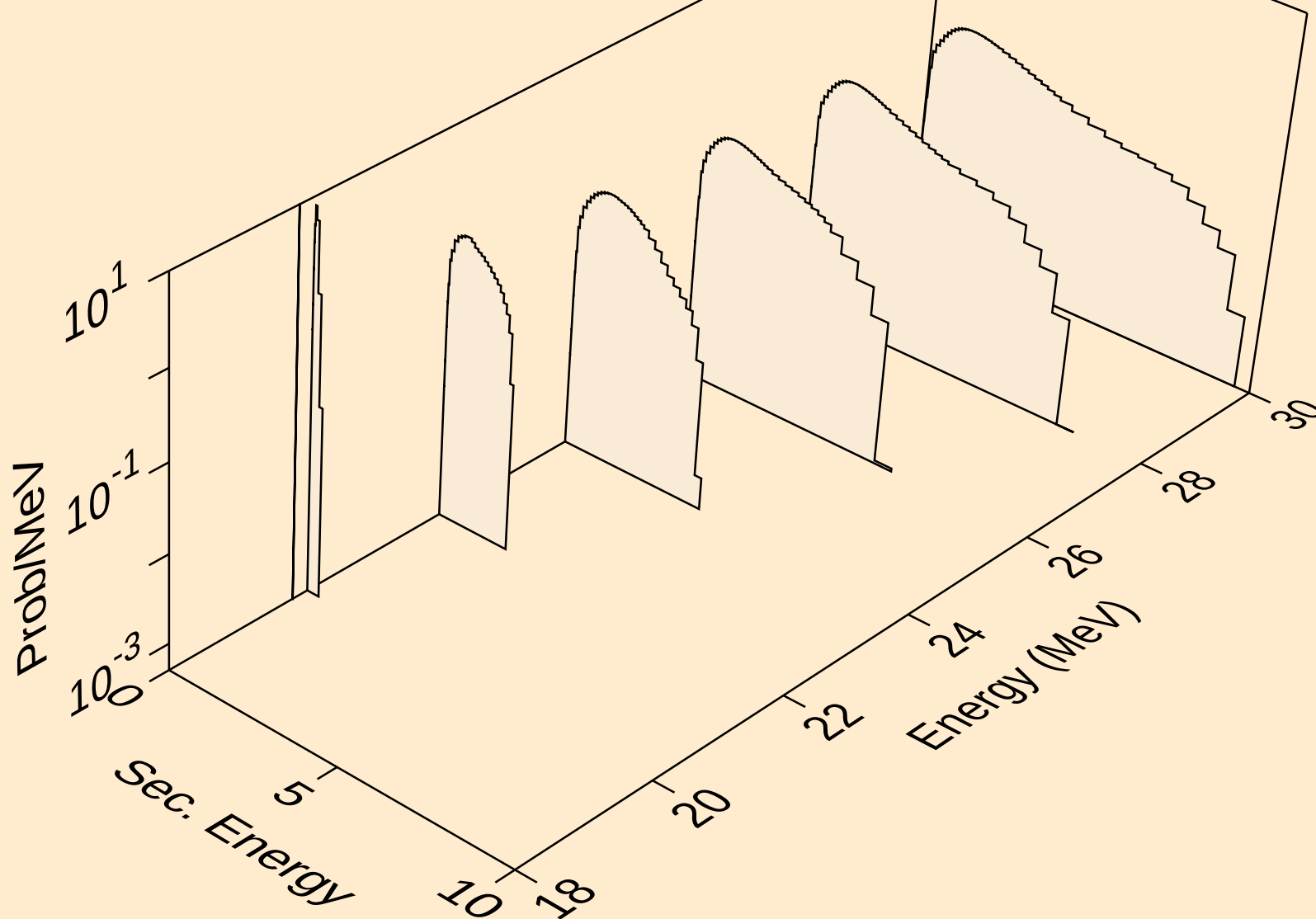
NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,n)



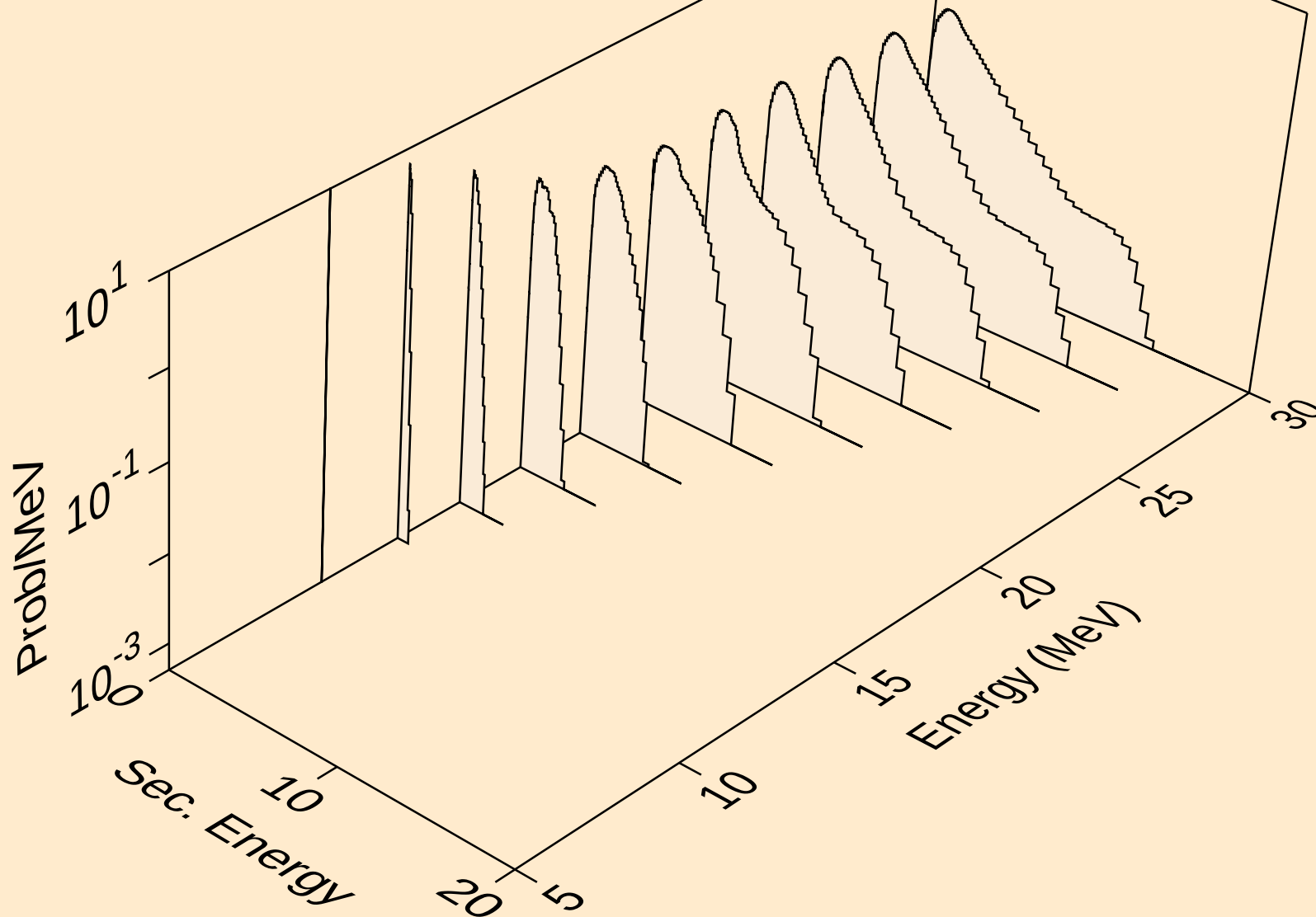
NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,x)



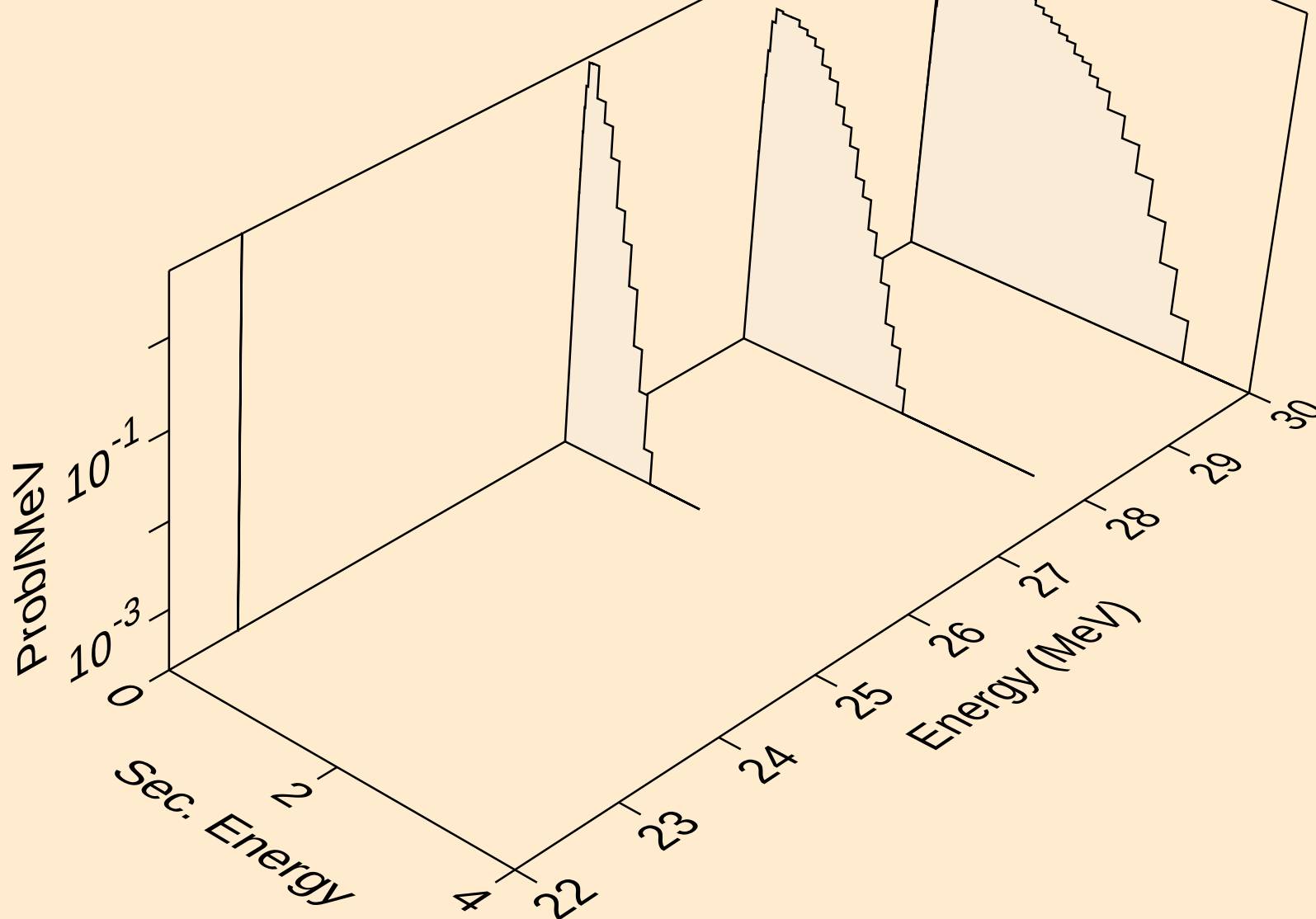
NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,2n)



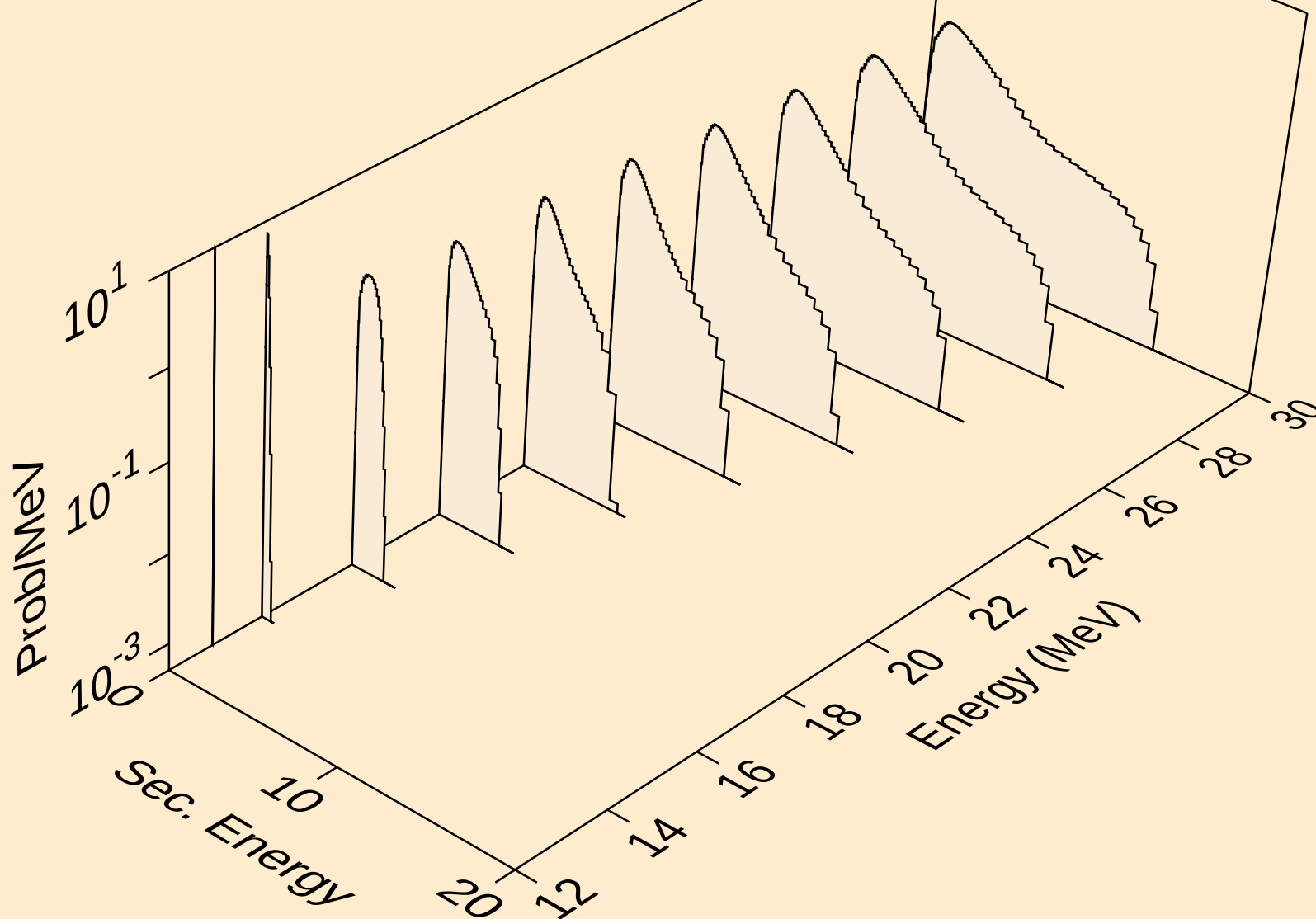
NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,n*)a



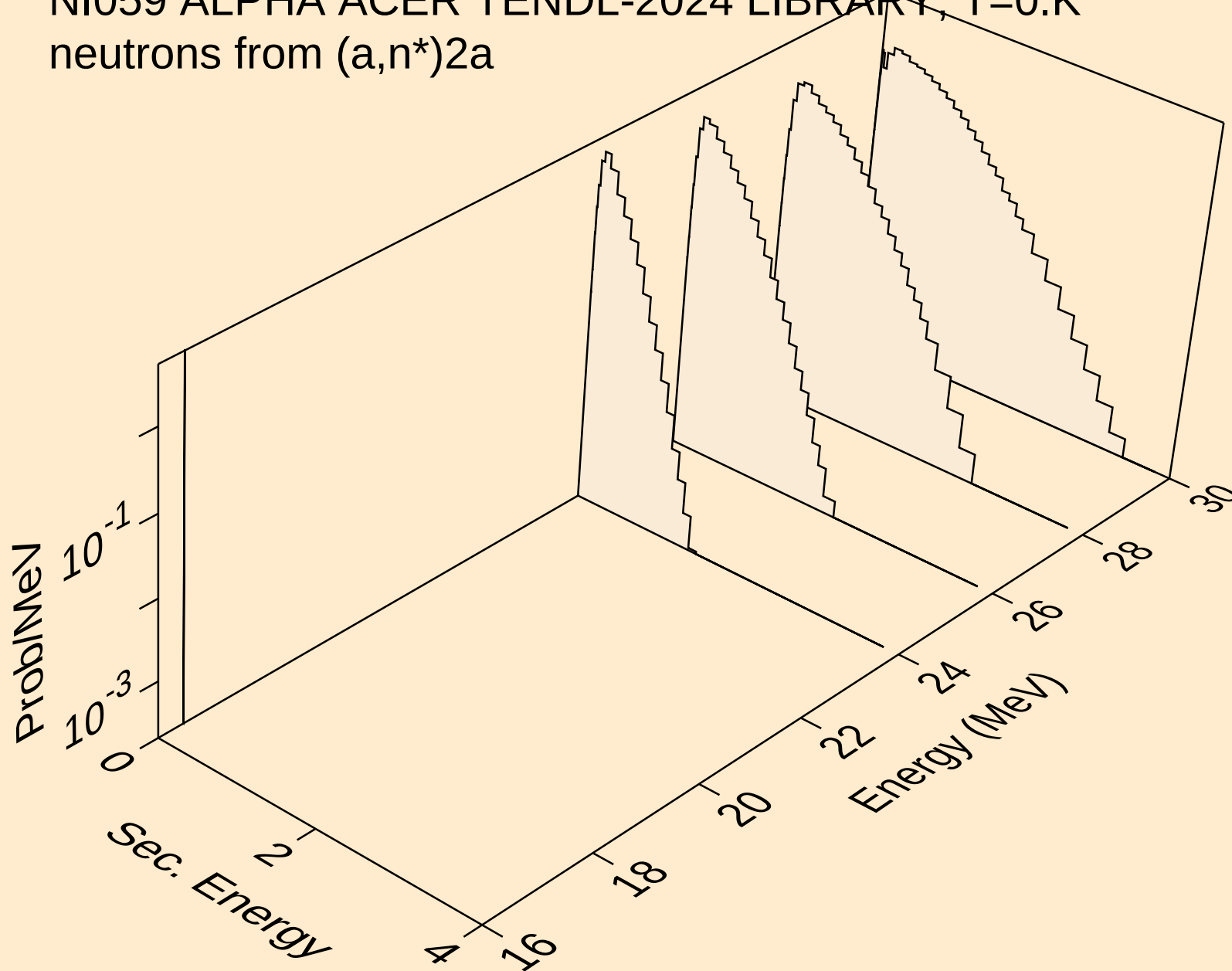
NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,2n)a



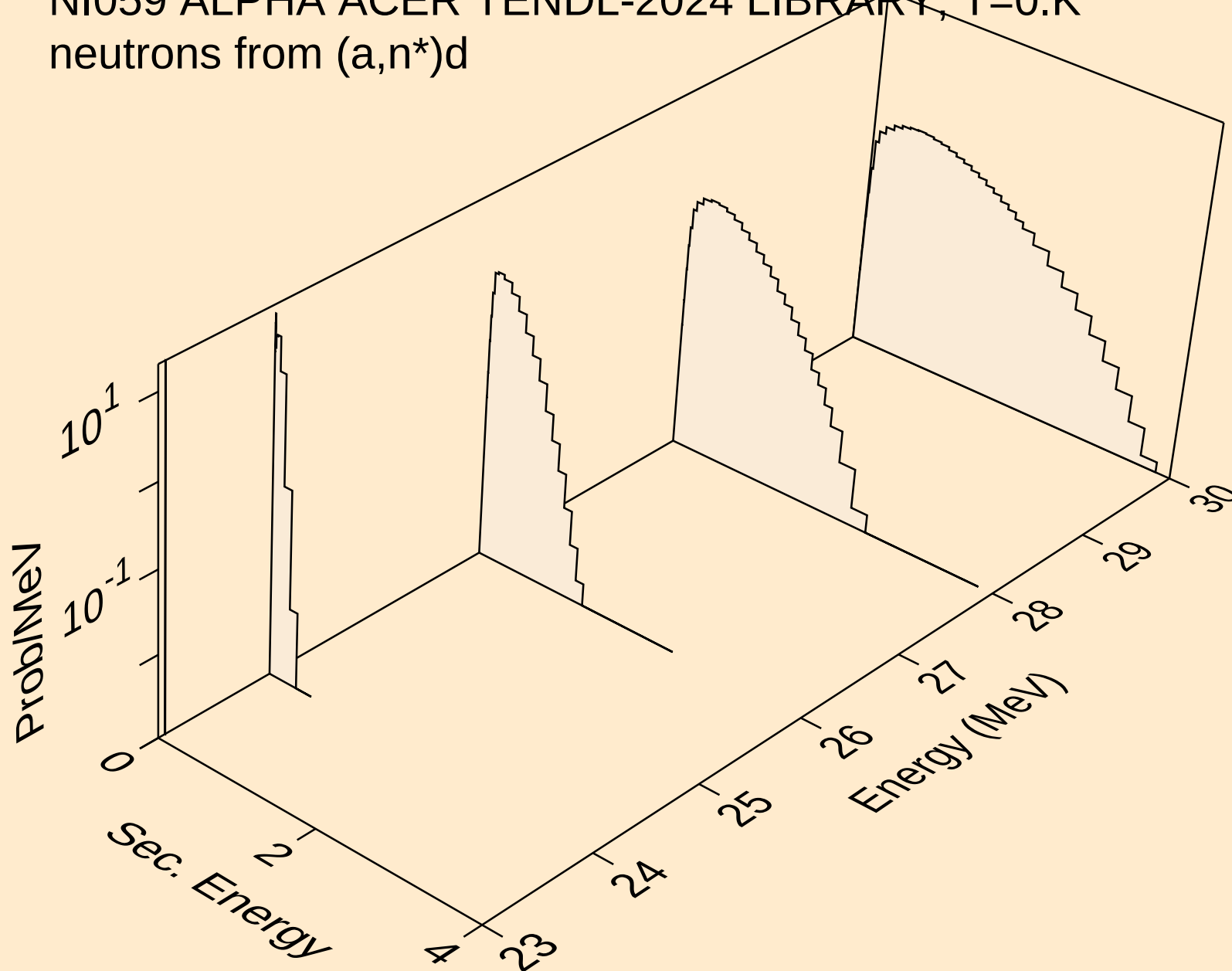
NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,n*)p



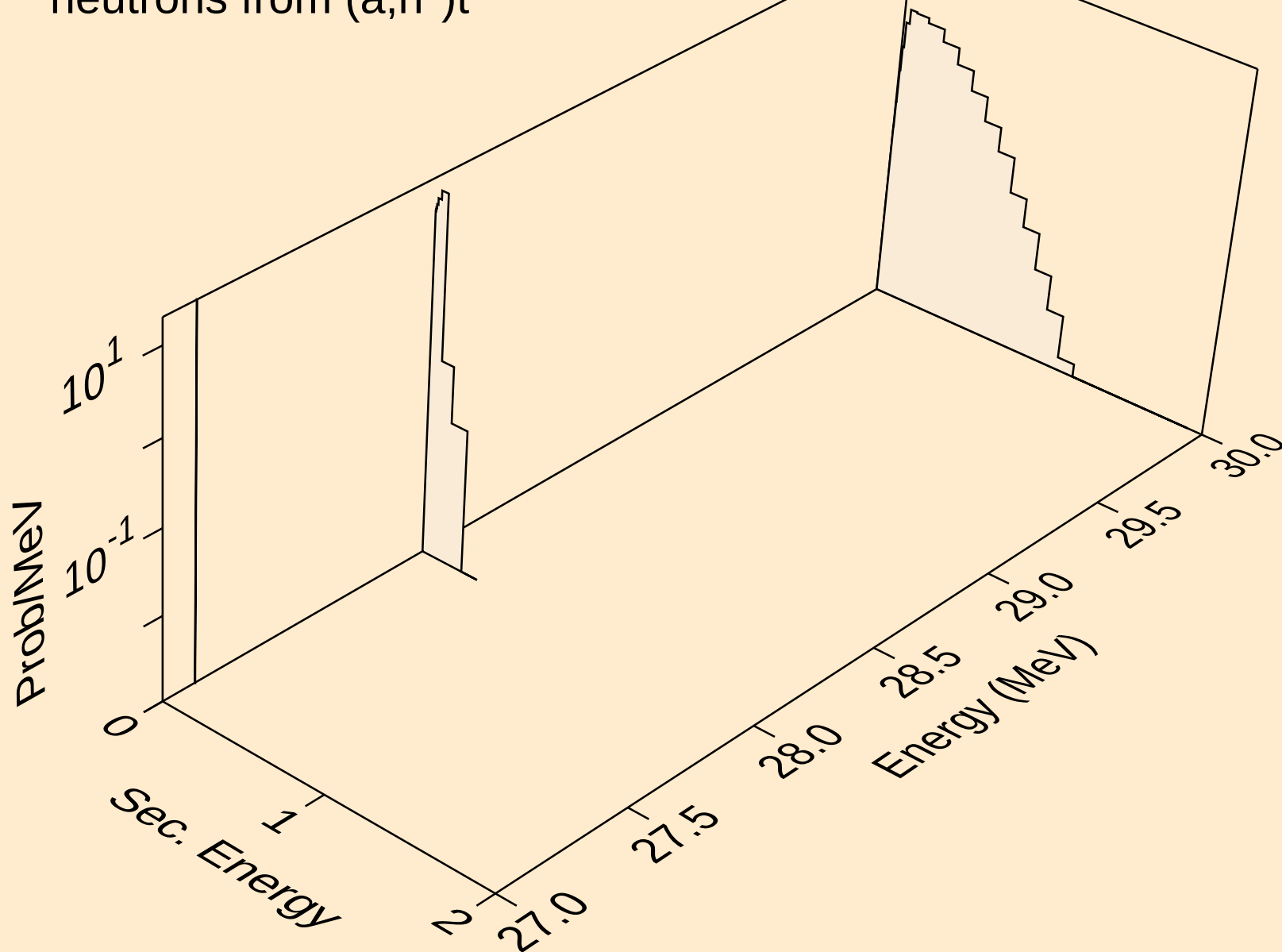
NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,n*)2a



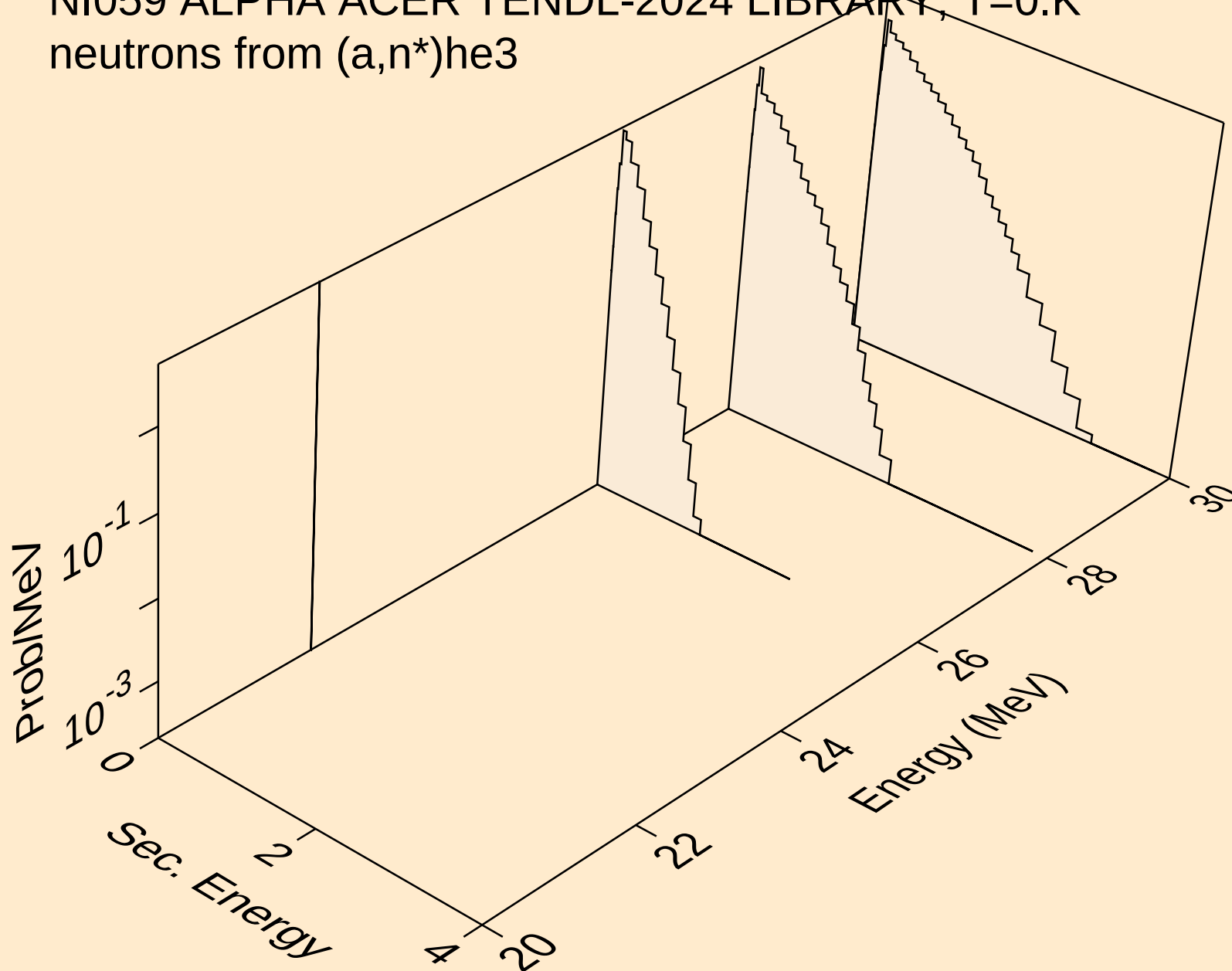
NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,n*)d



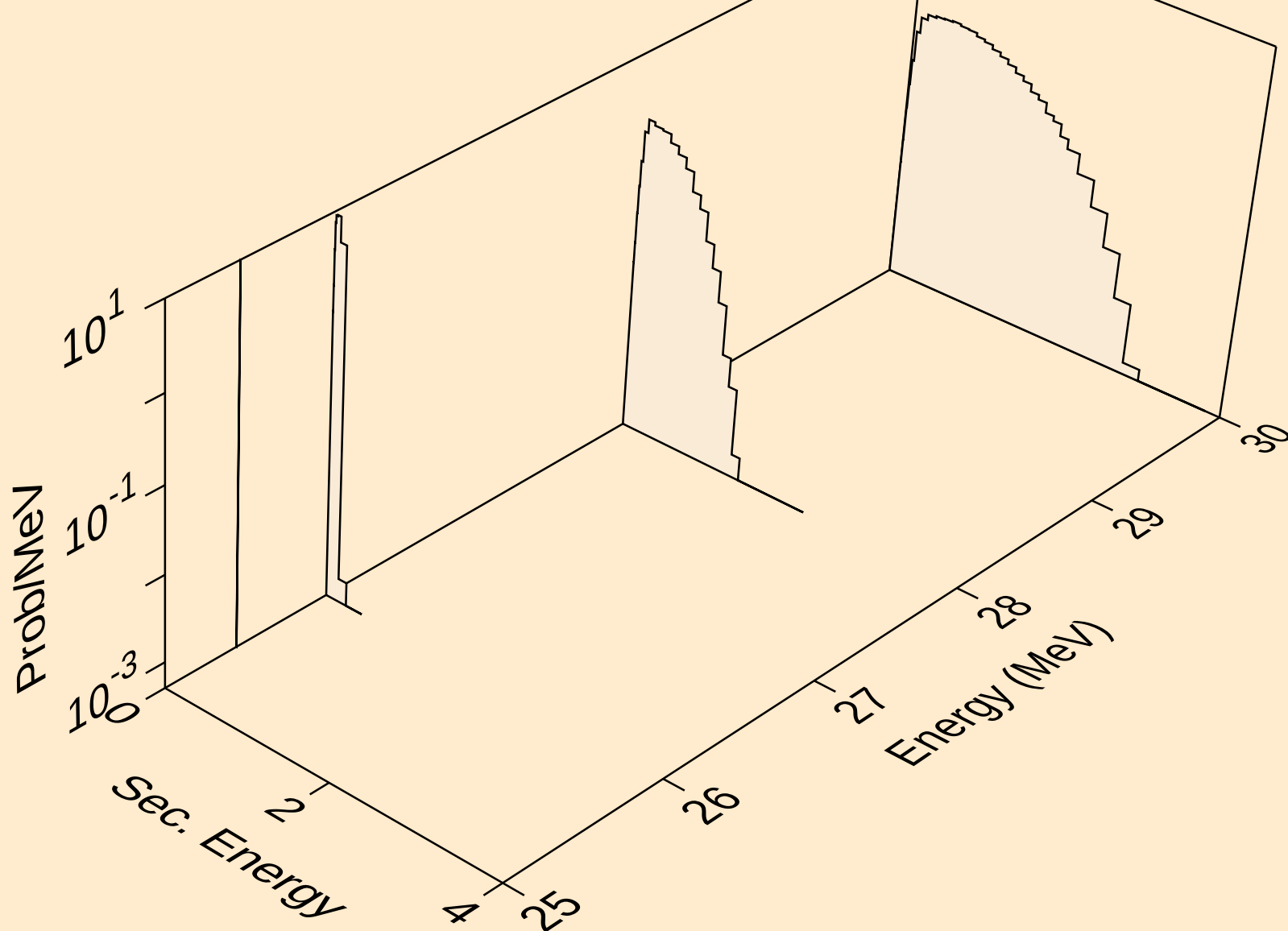
NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,n*)t



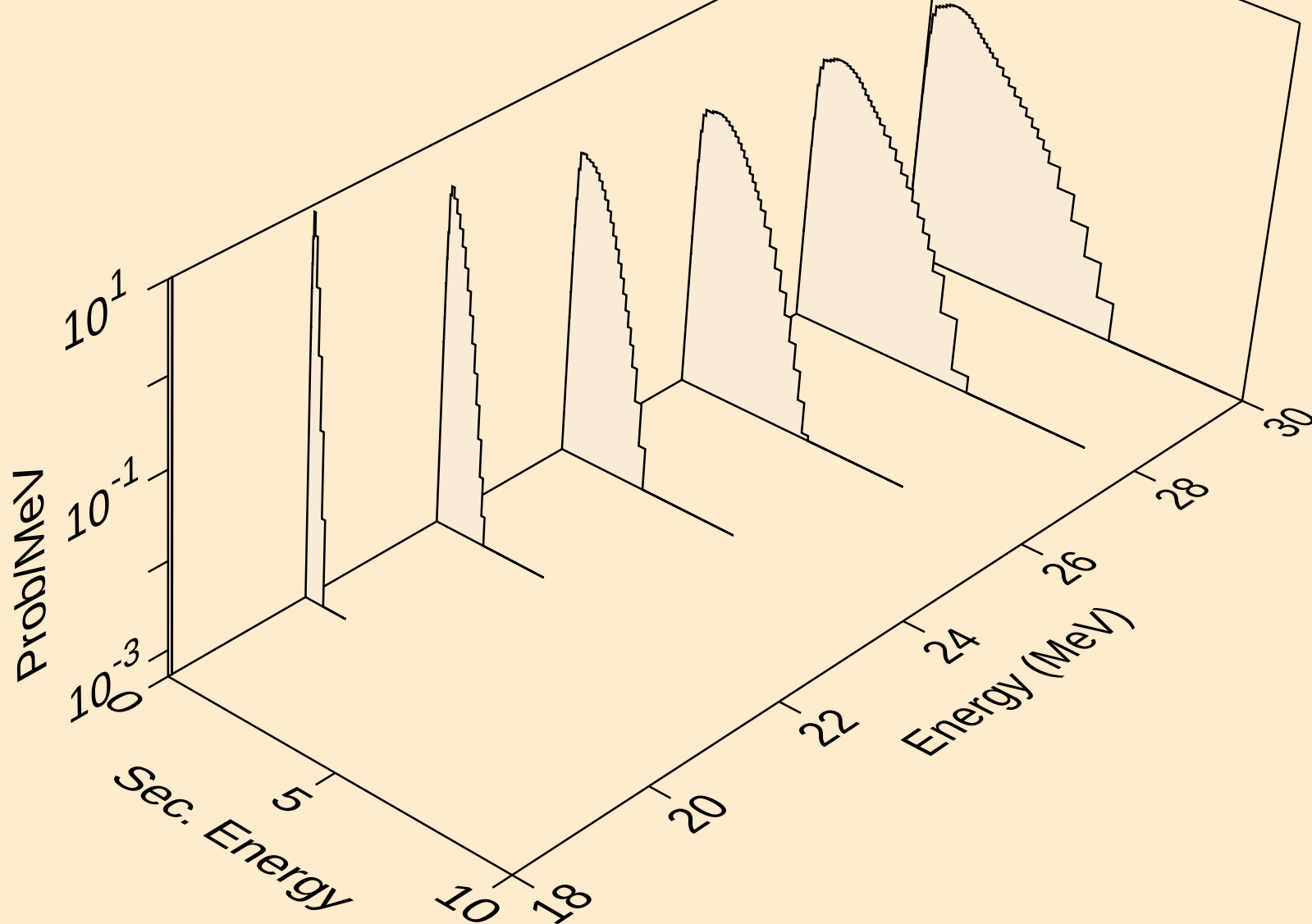
NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,n*)he3



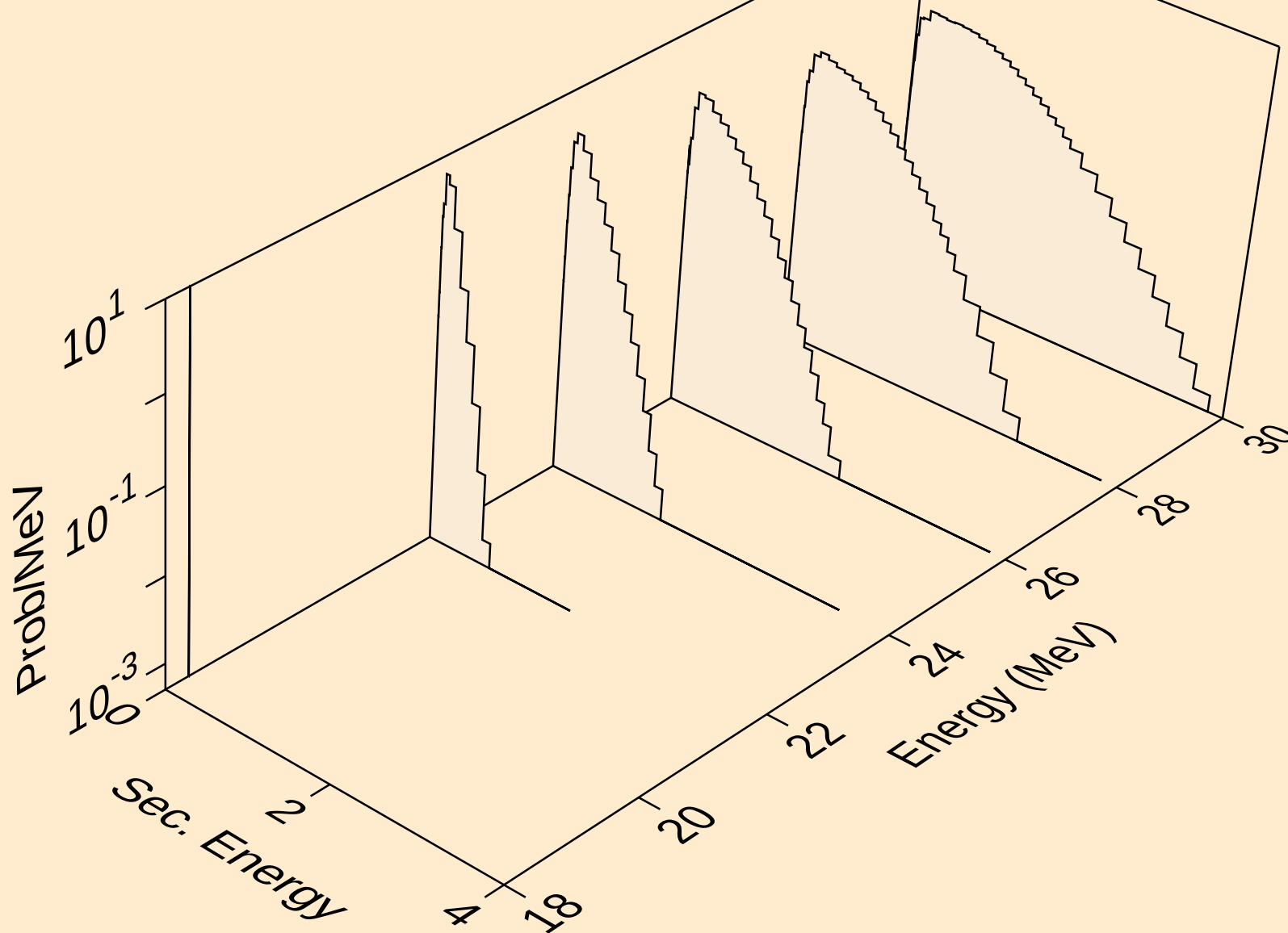
NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,2np)



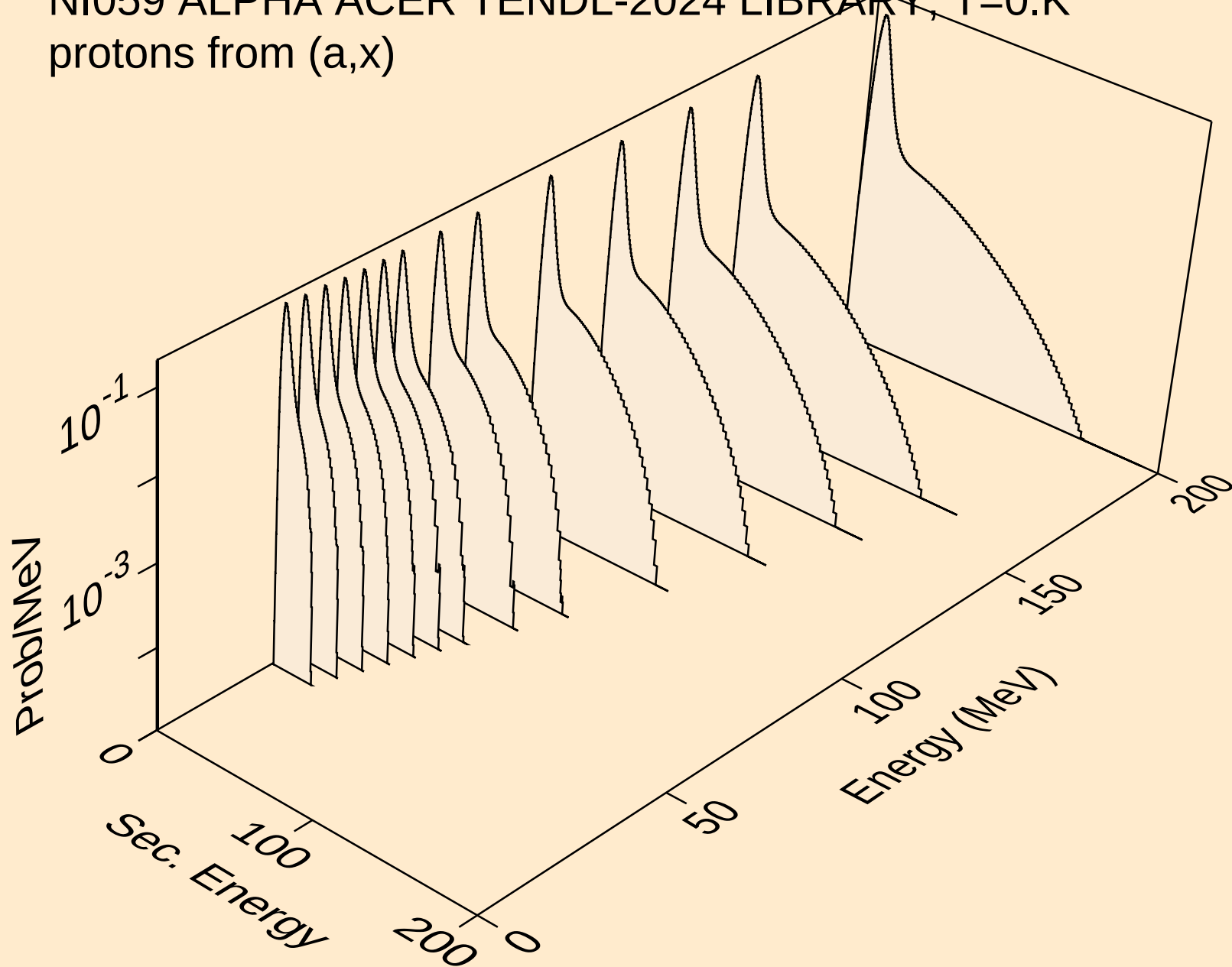
NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,n2p)



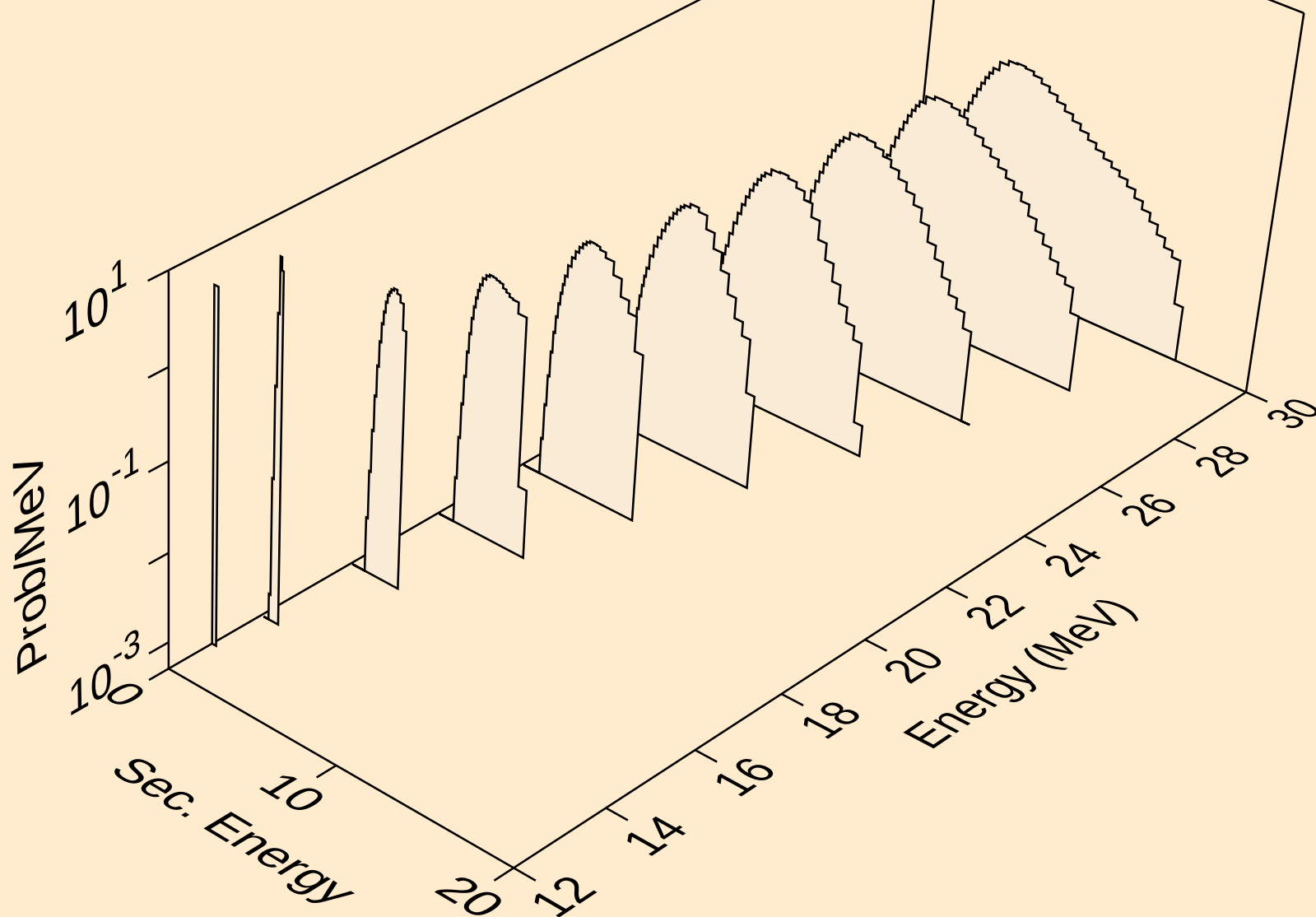
NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,npa)



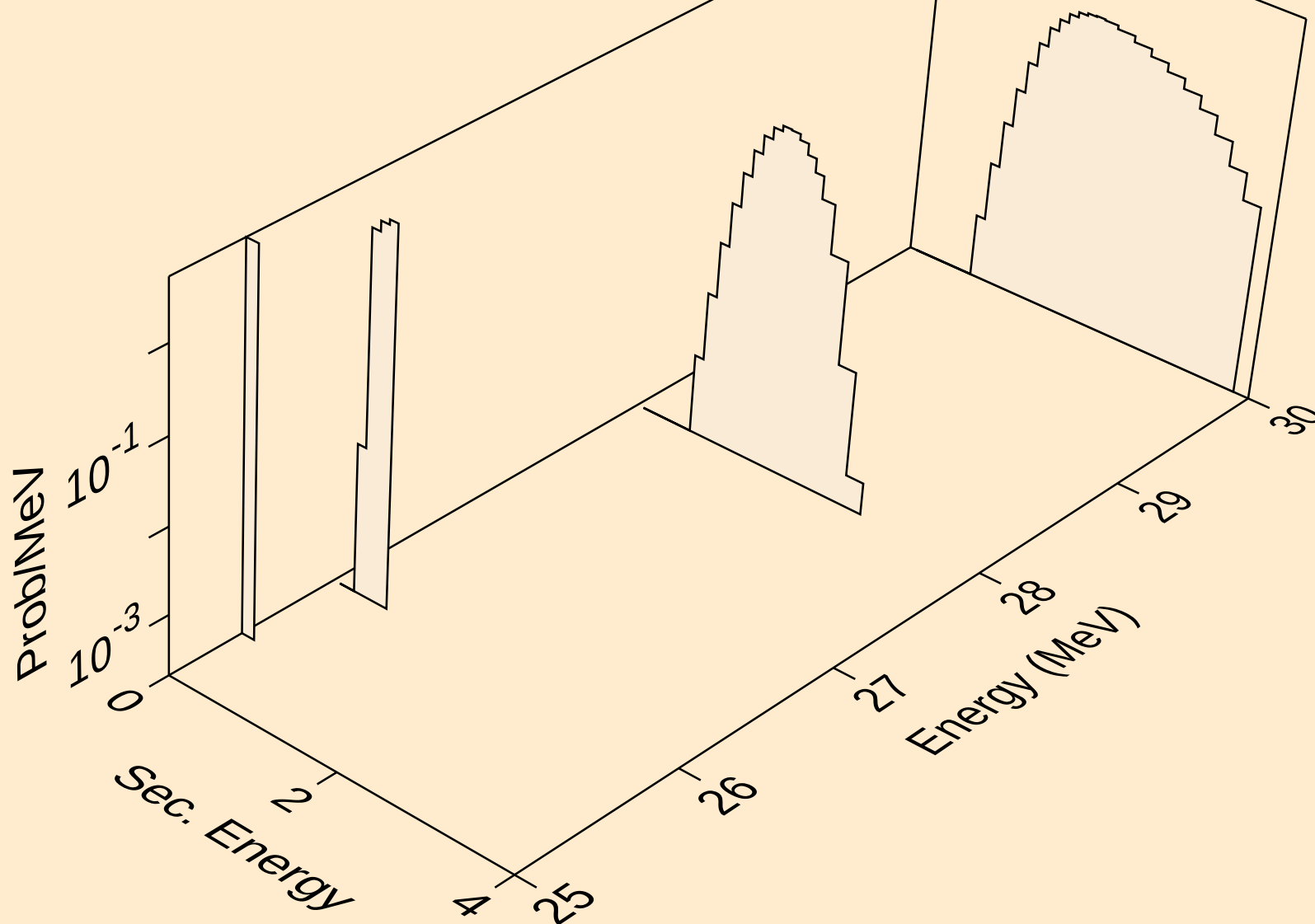
NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
protons from (a,x)



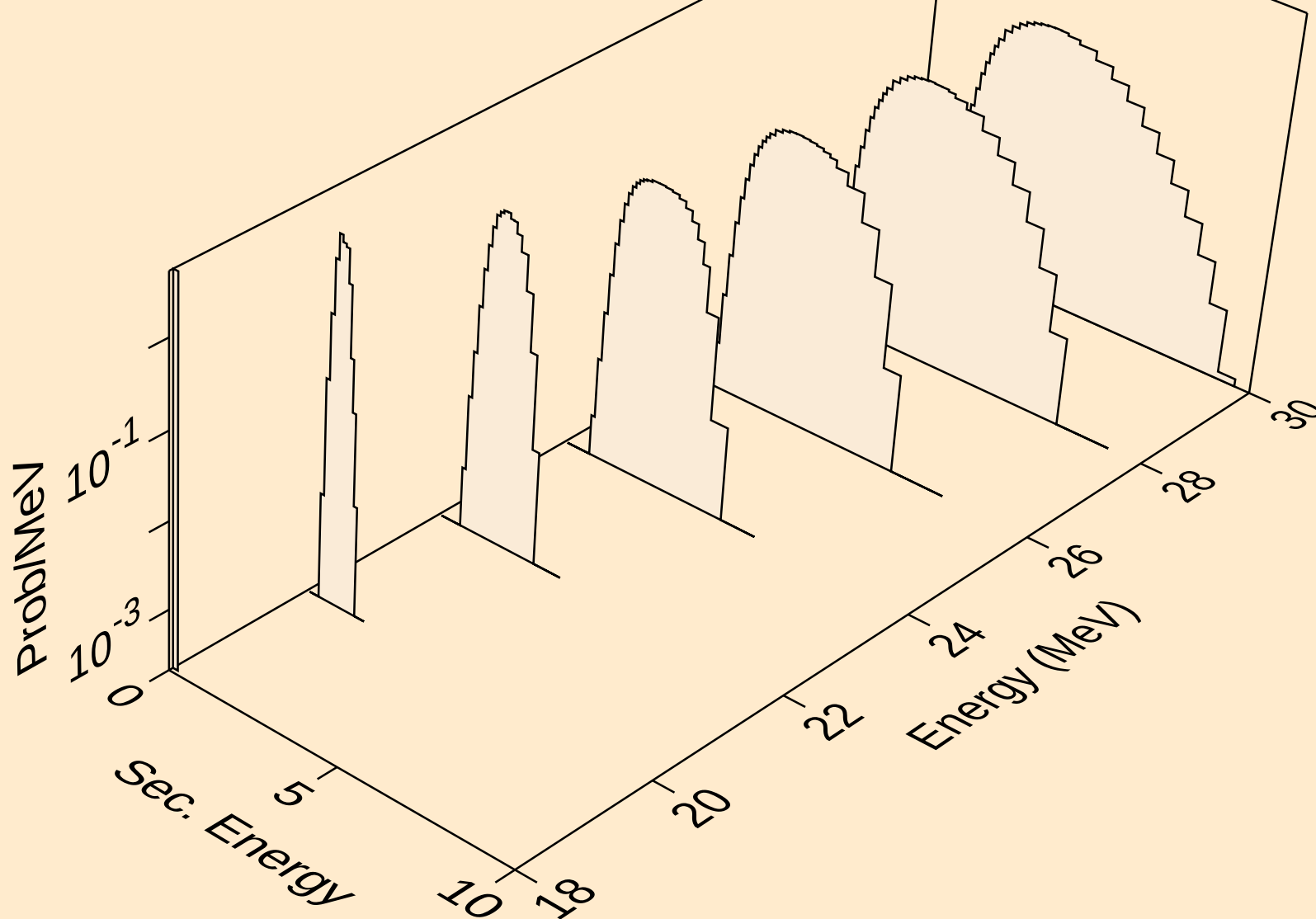
NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
protons from (a,n*)p



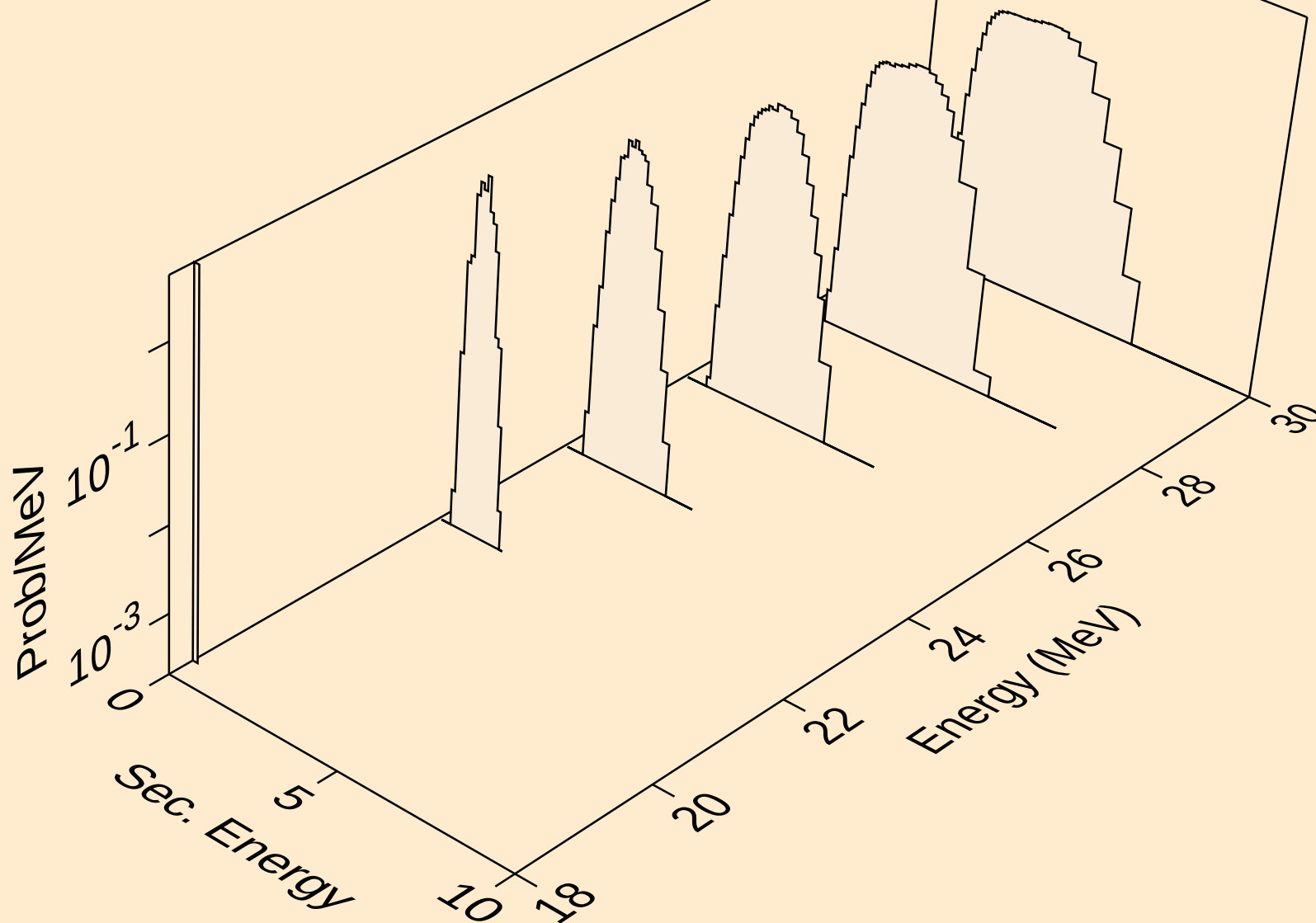
NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
protons from (a,2np)



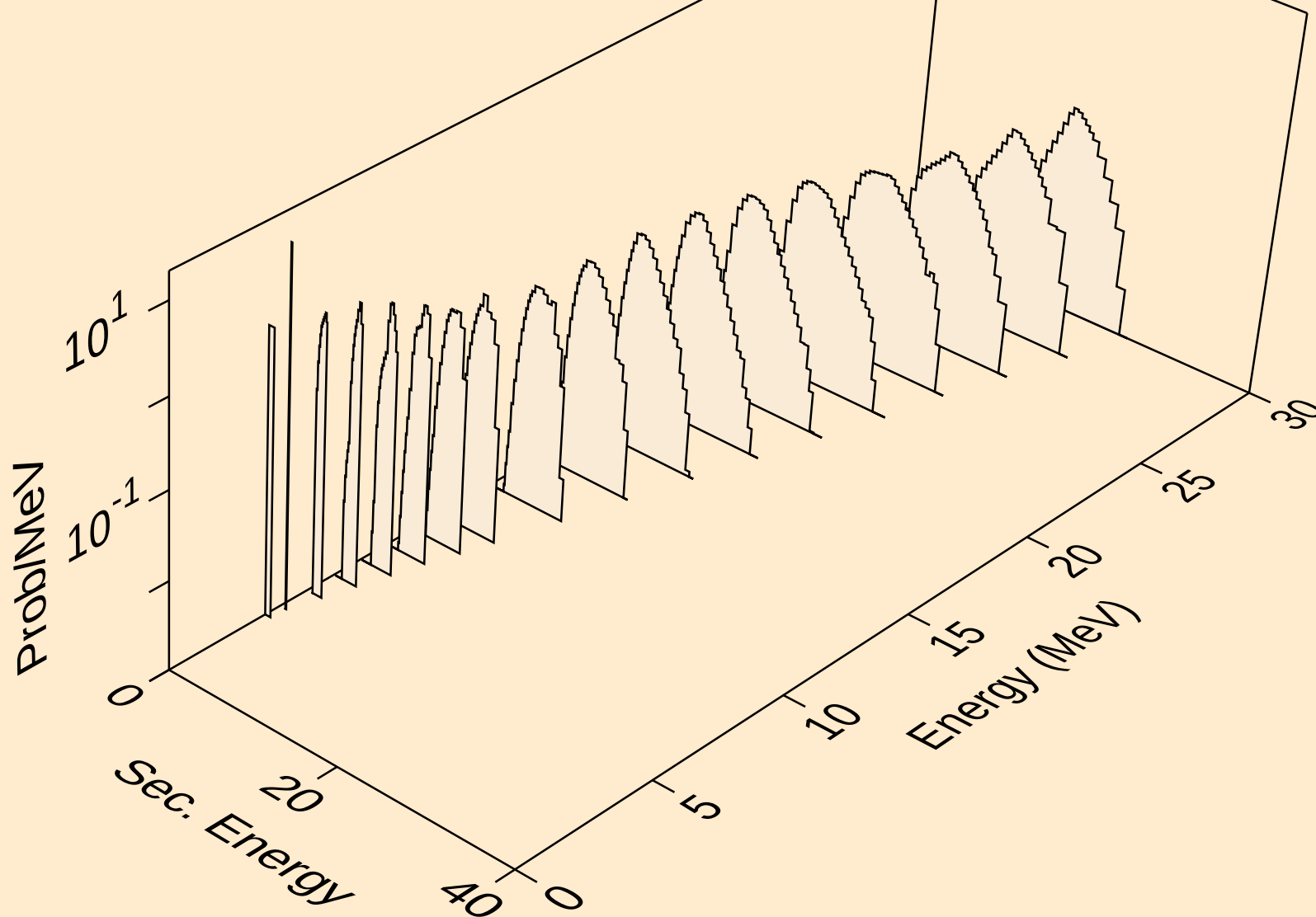
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protons from (a,n2p)



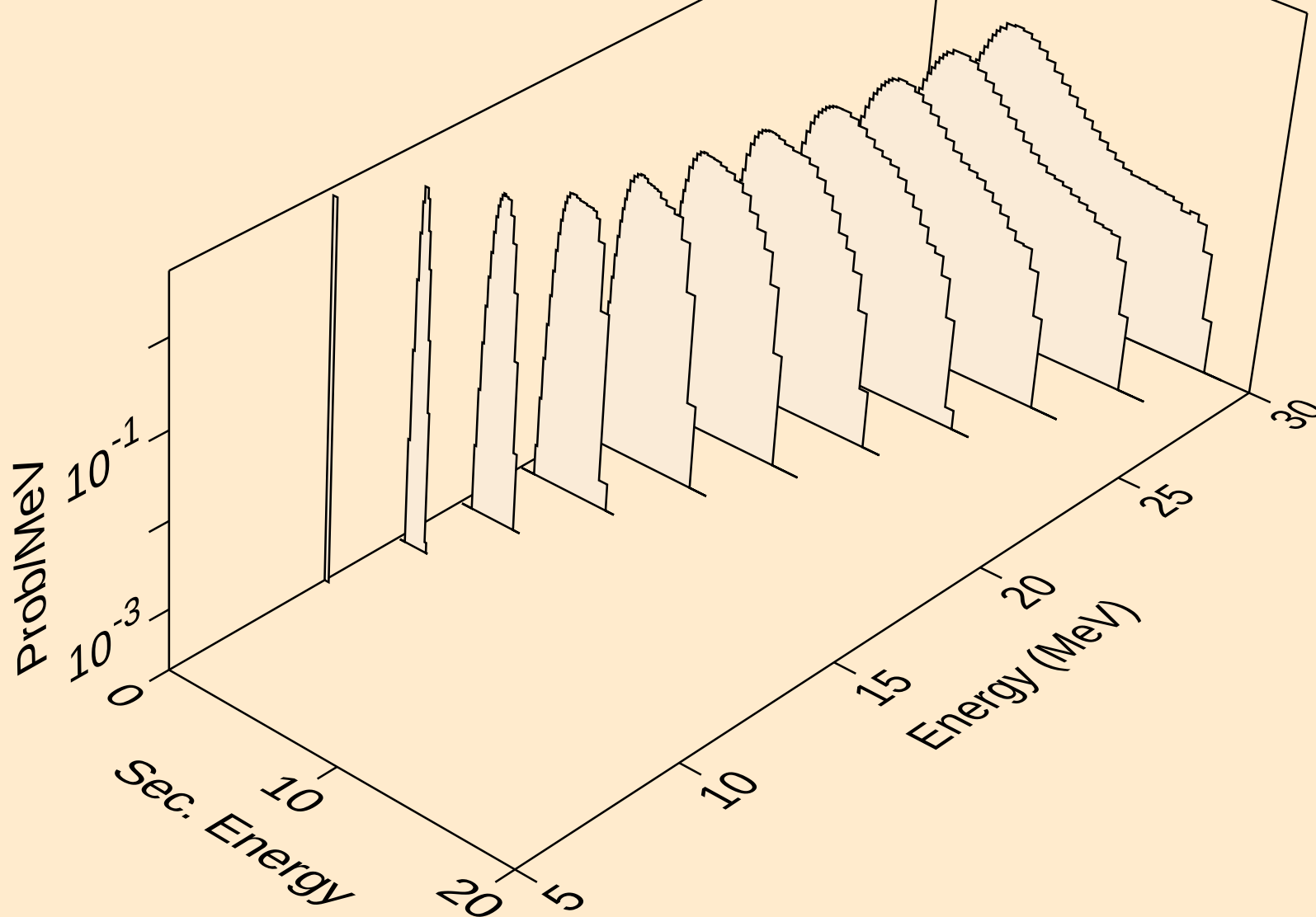
NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
protons from (a,npa)



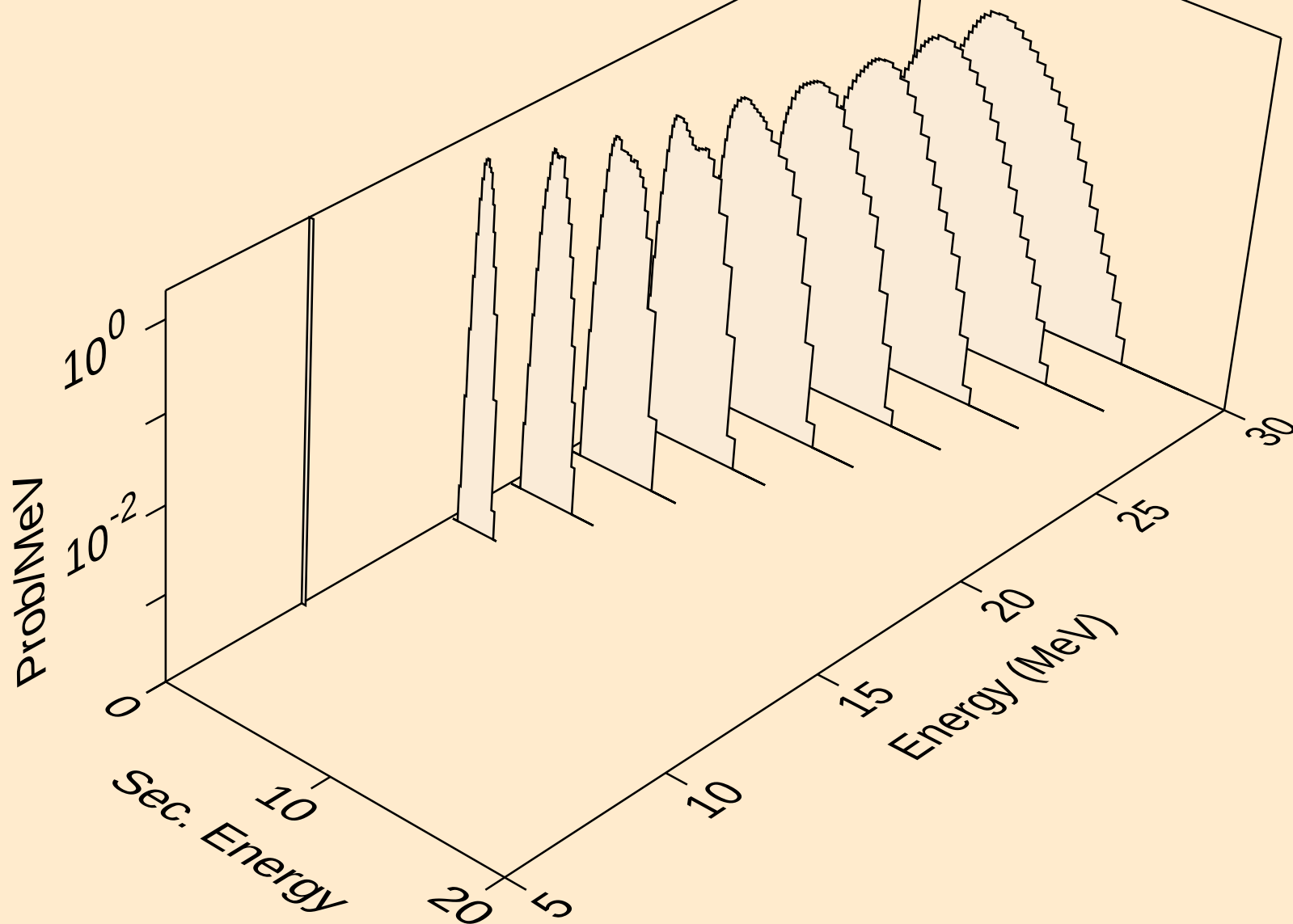
NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
protons from (a,p)



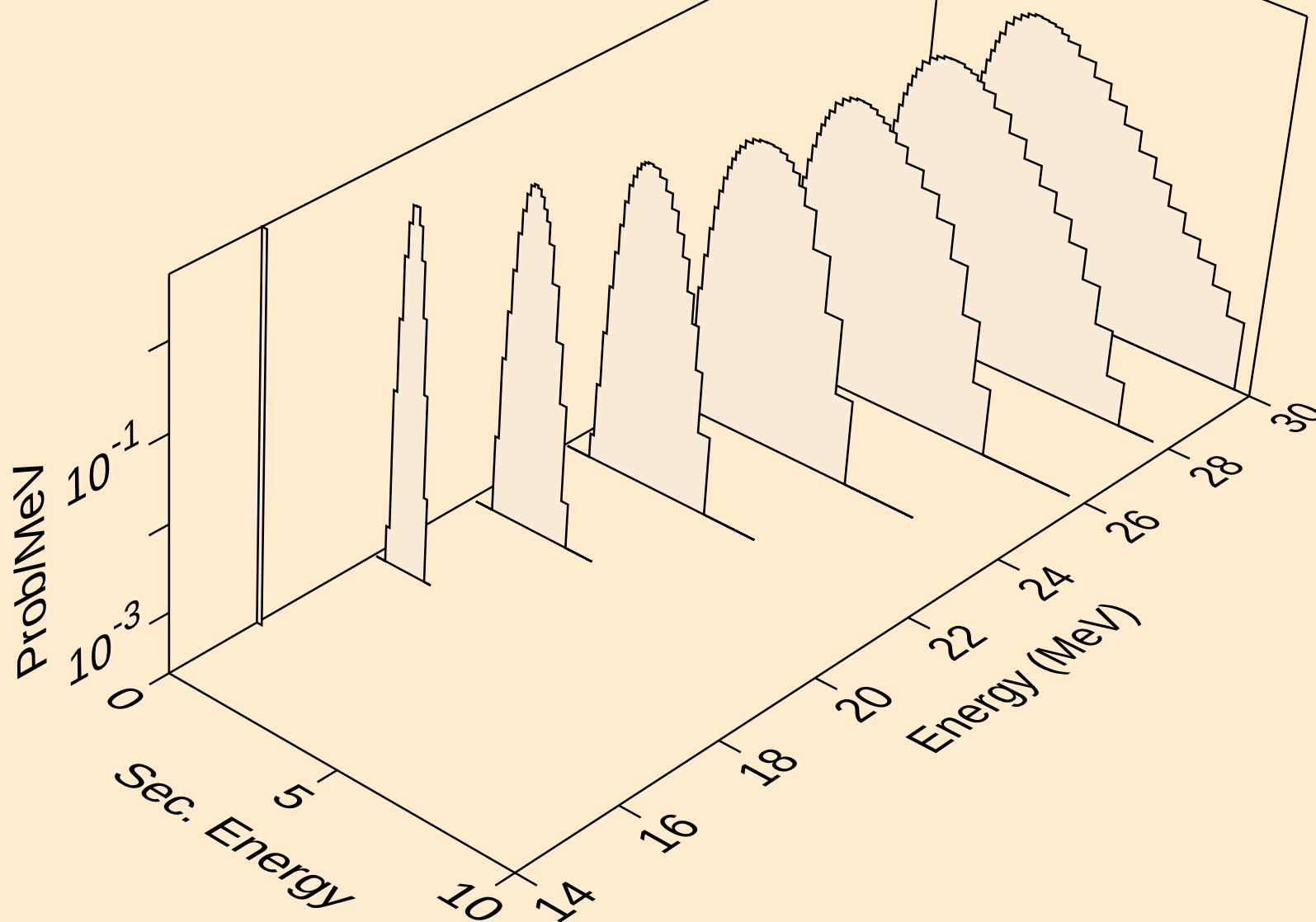
NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
protons from (a,2p)



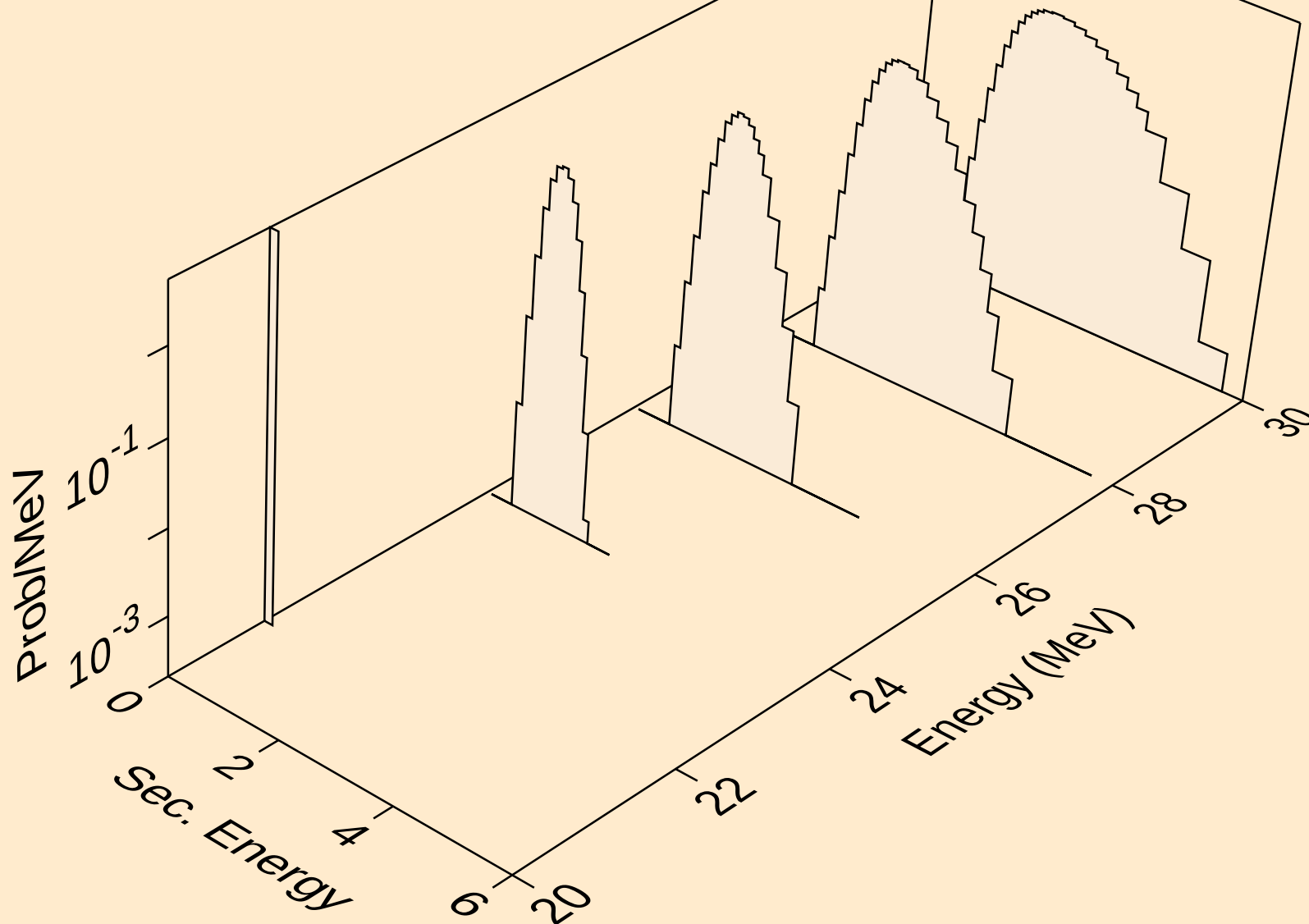
NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
protons from (a,pa)



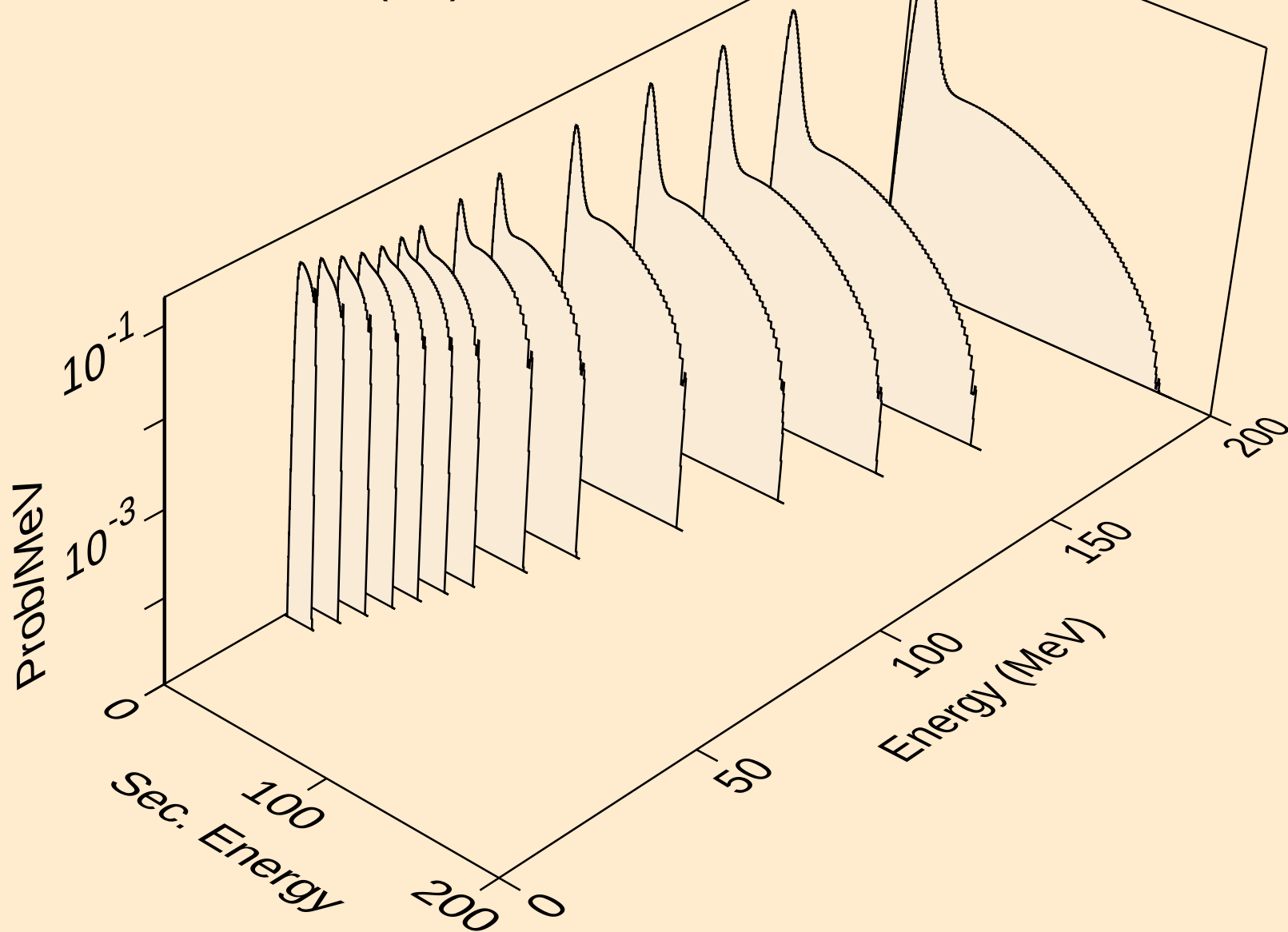
NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
protons from (a,pd)



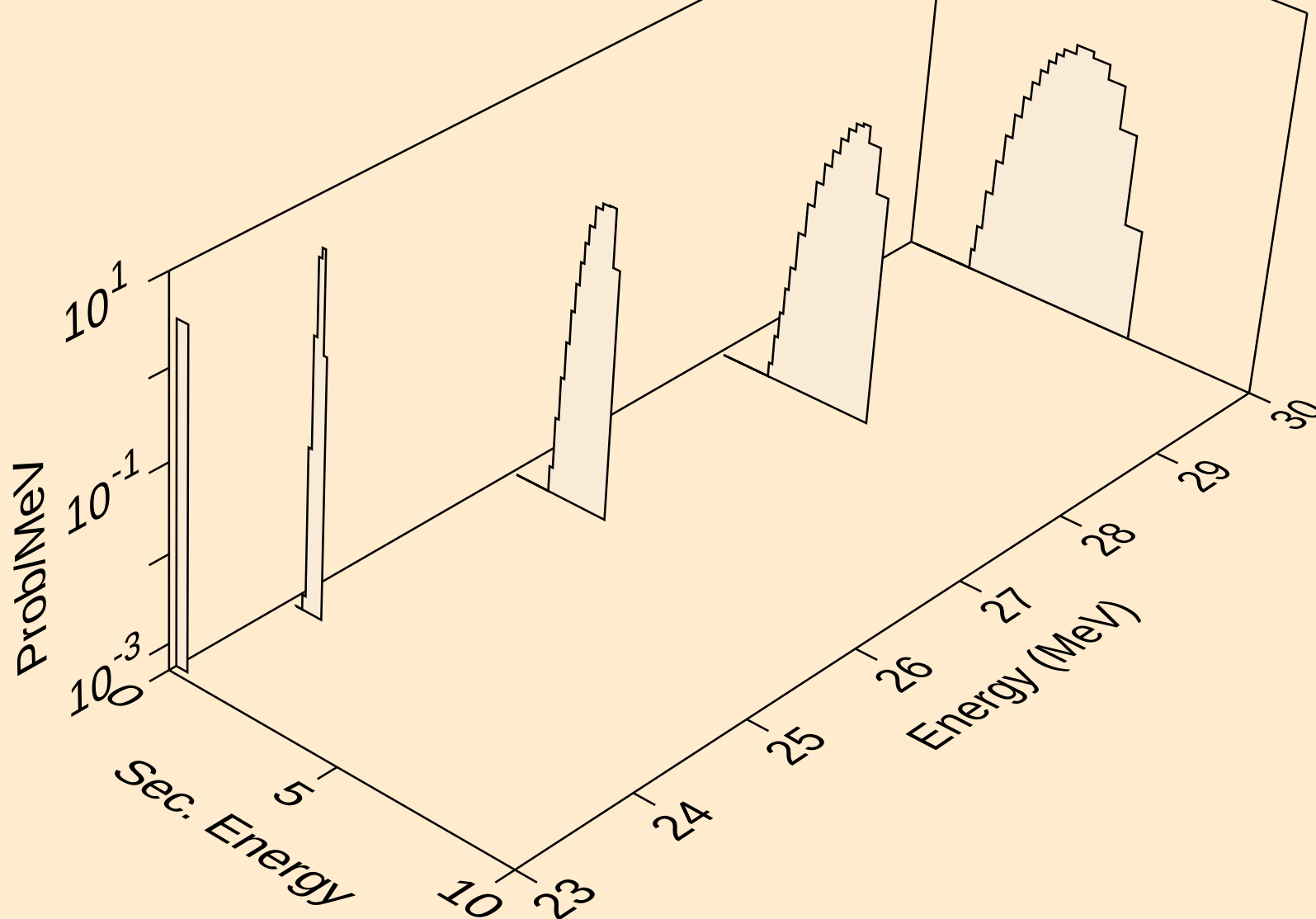
NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
protons from (a,pt)



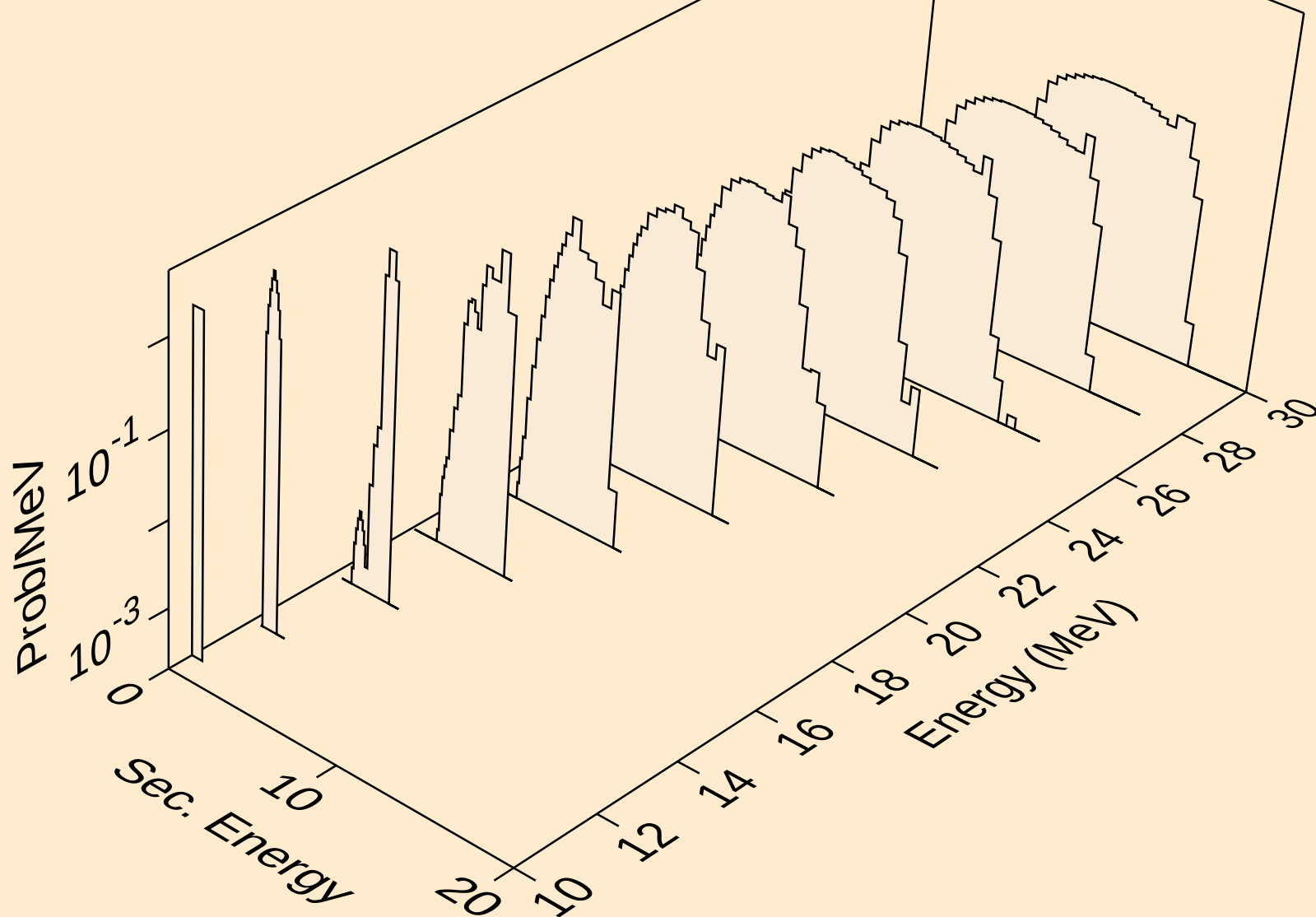
NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (a,x)



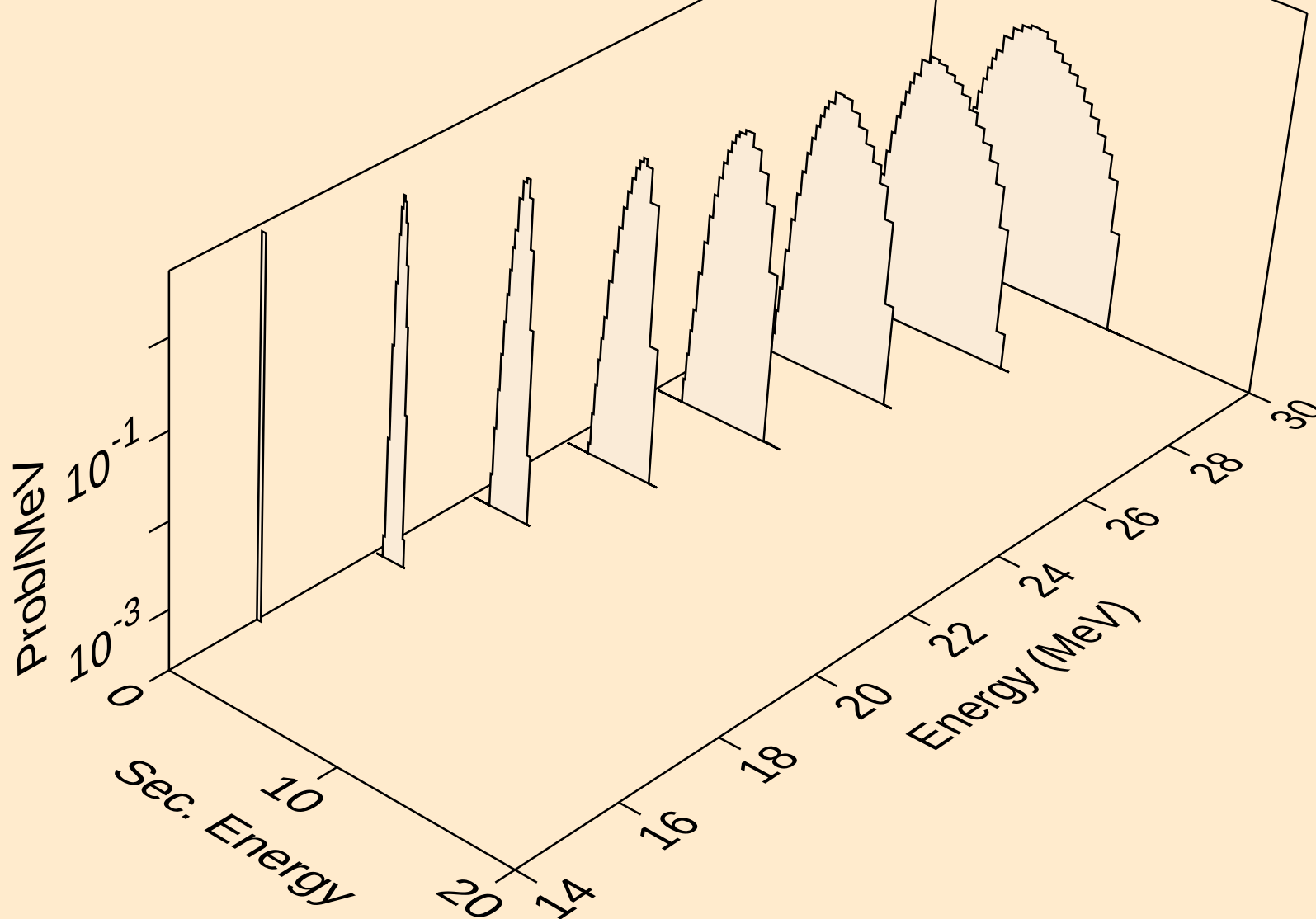
NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (a,n*)d



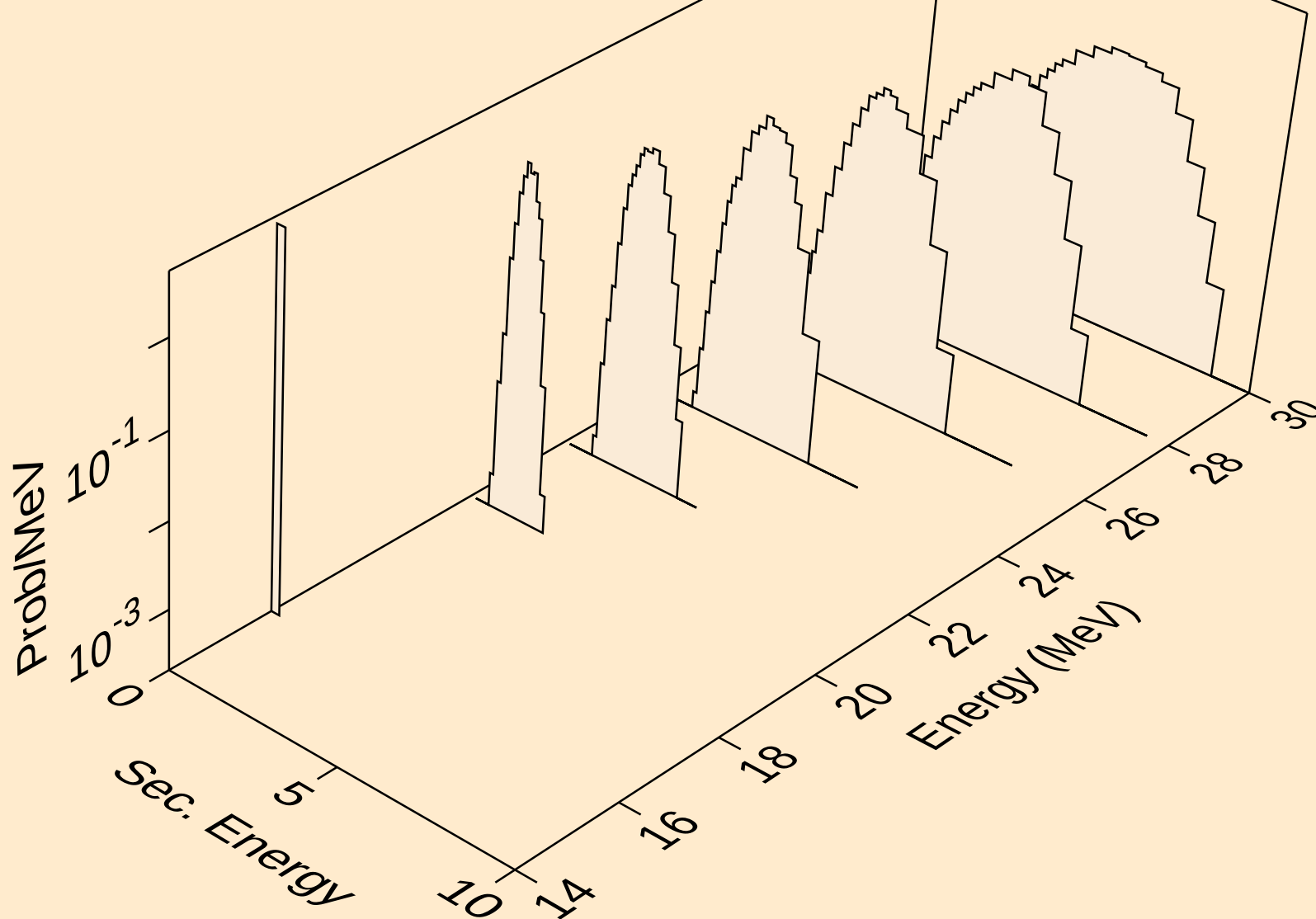
NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (a,d)



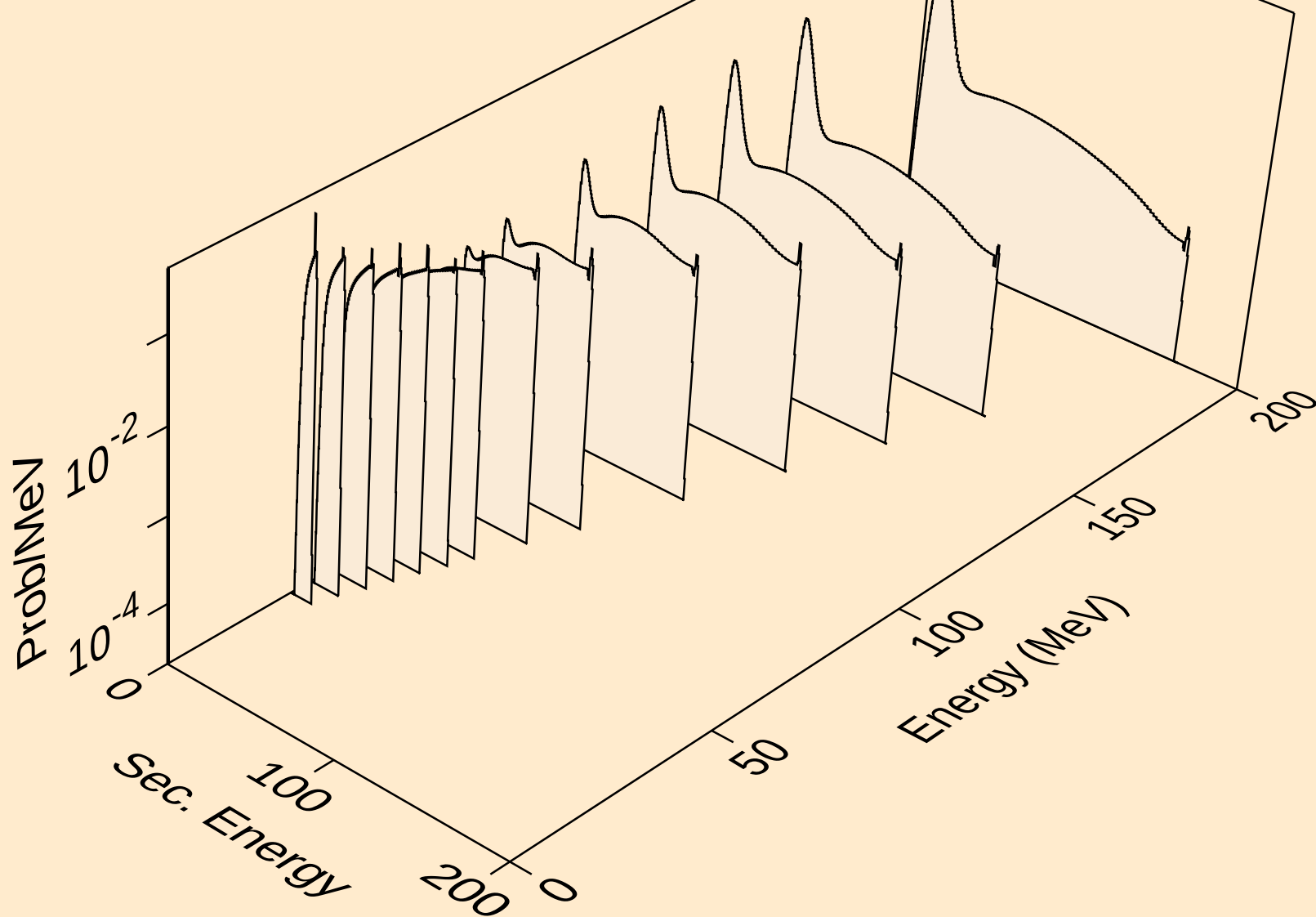
NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (a,pd)



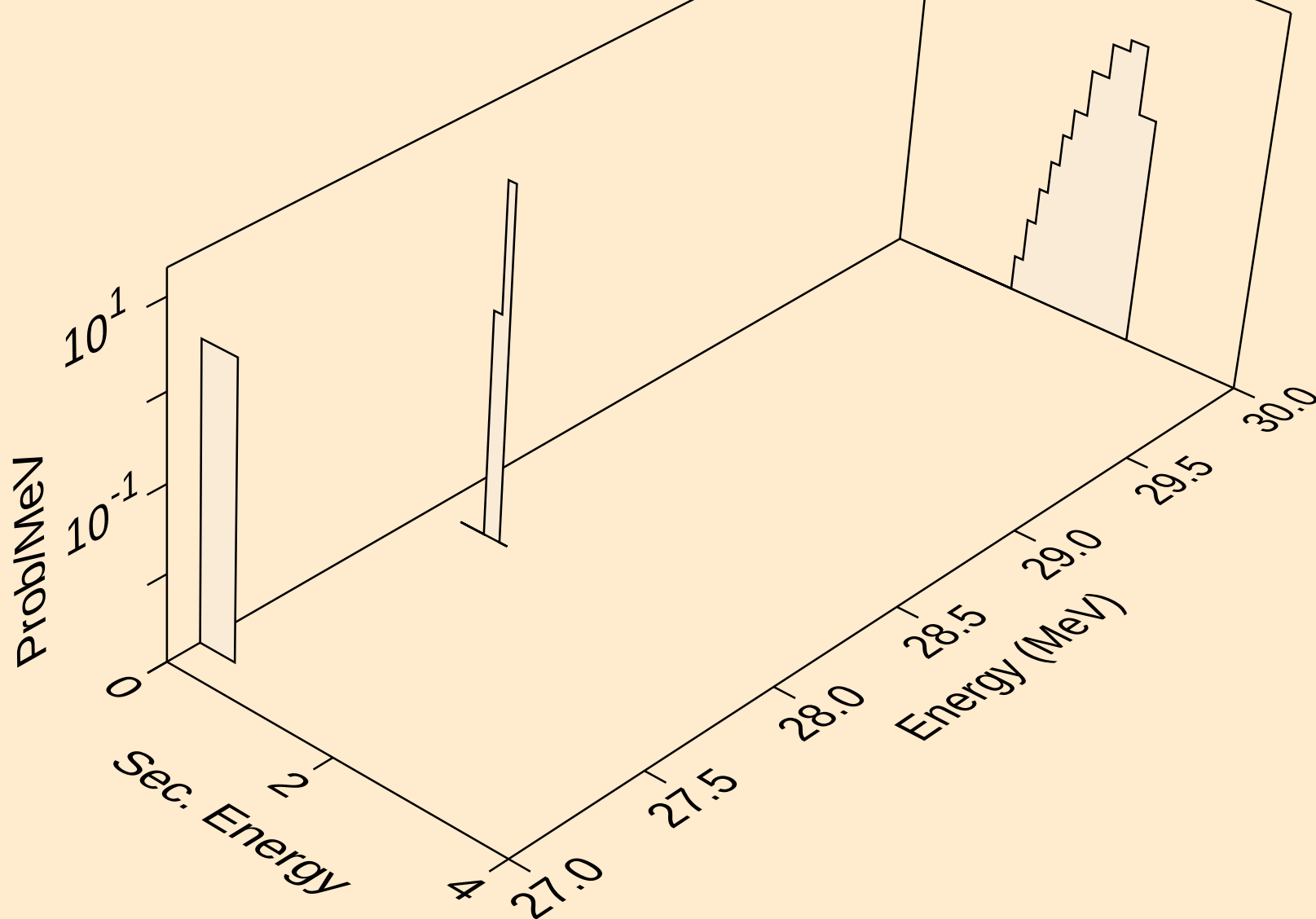
NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (a,da)



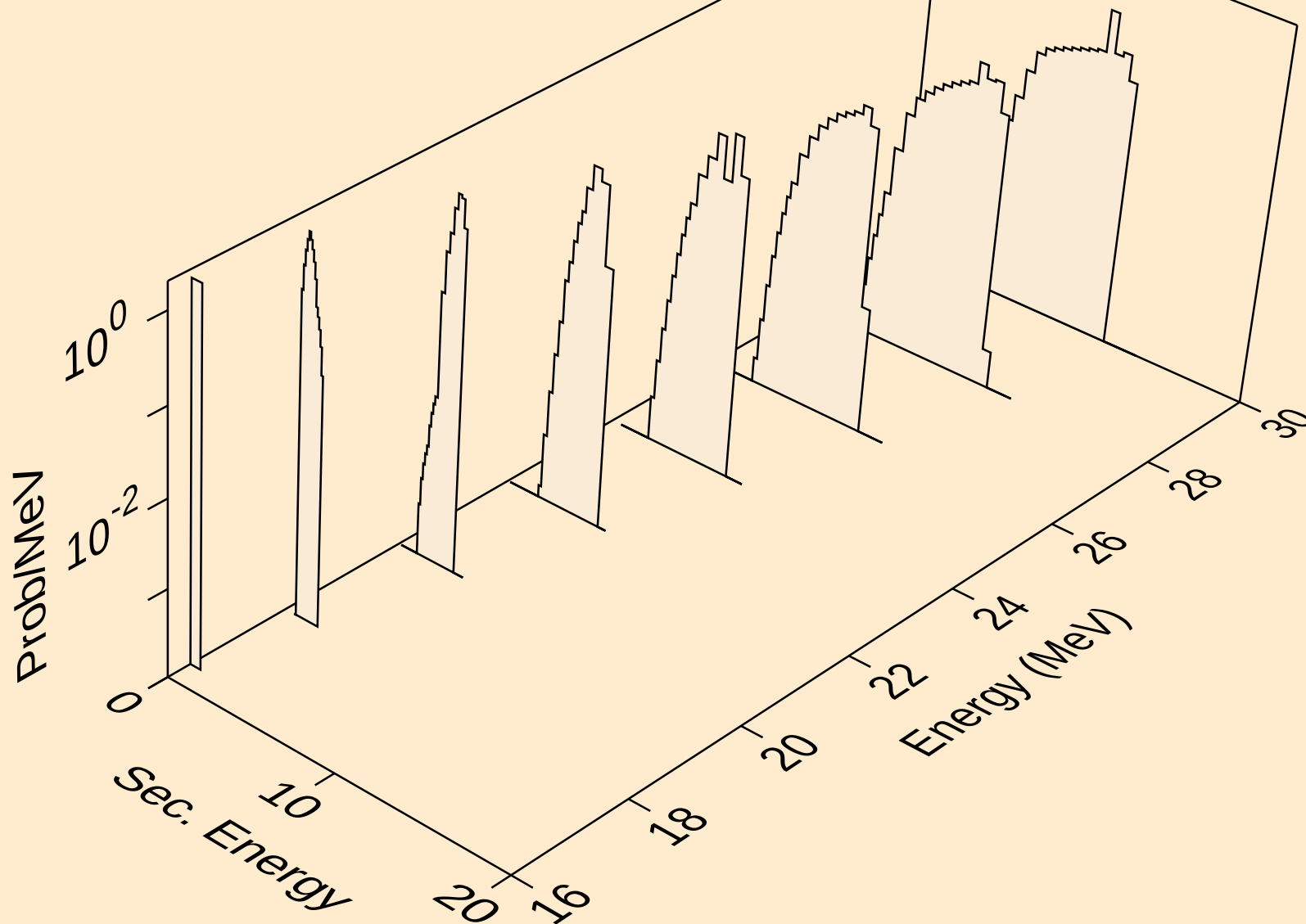
NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
tritons from (a,x)



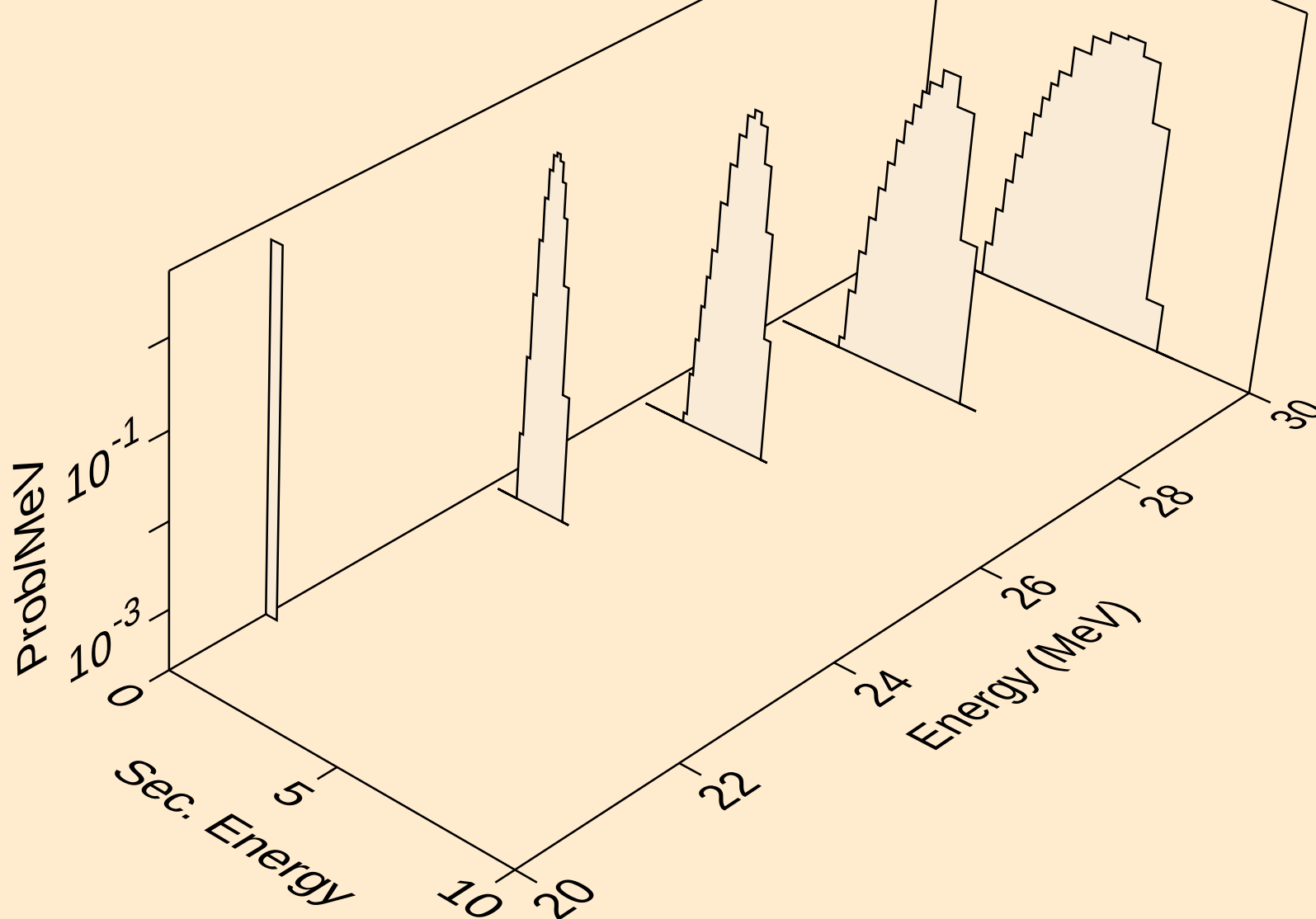
NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
tritons from (a,n*)t



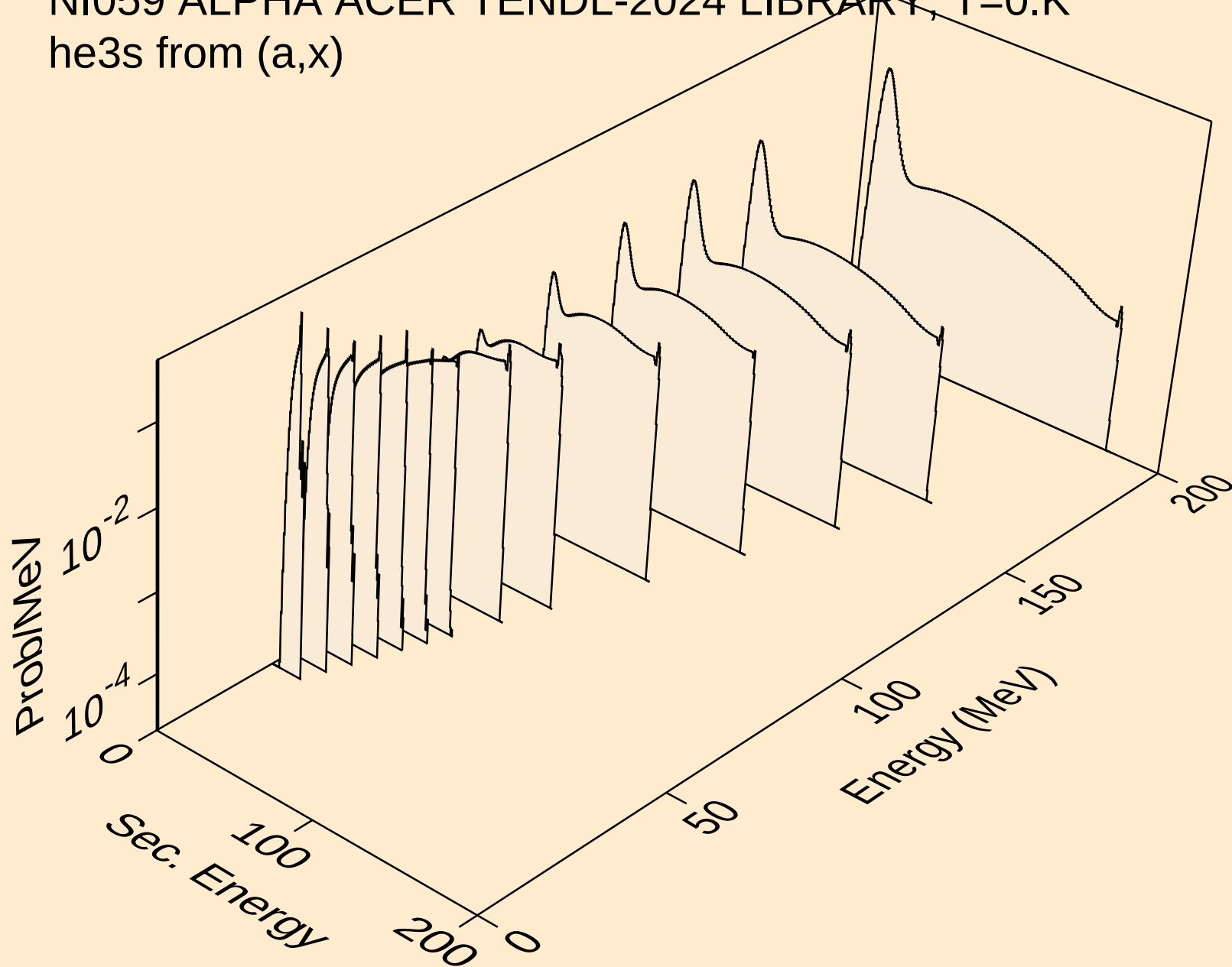
NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
tritons from (a,t)



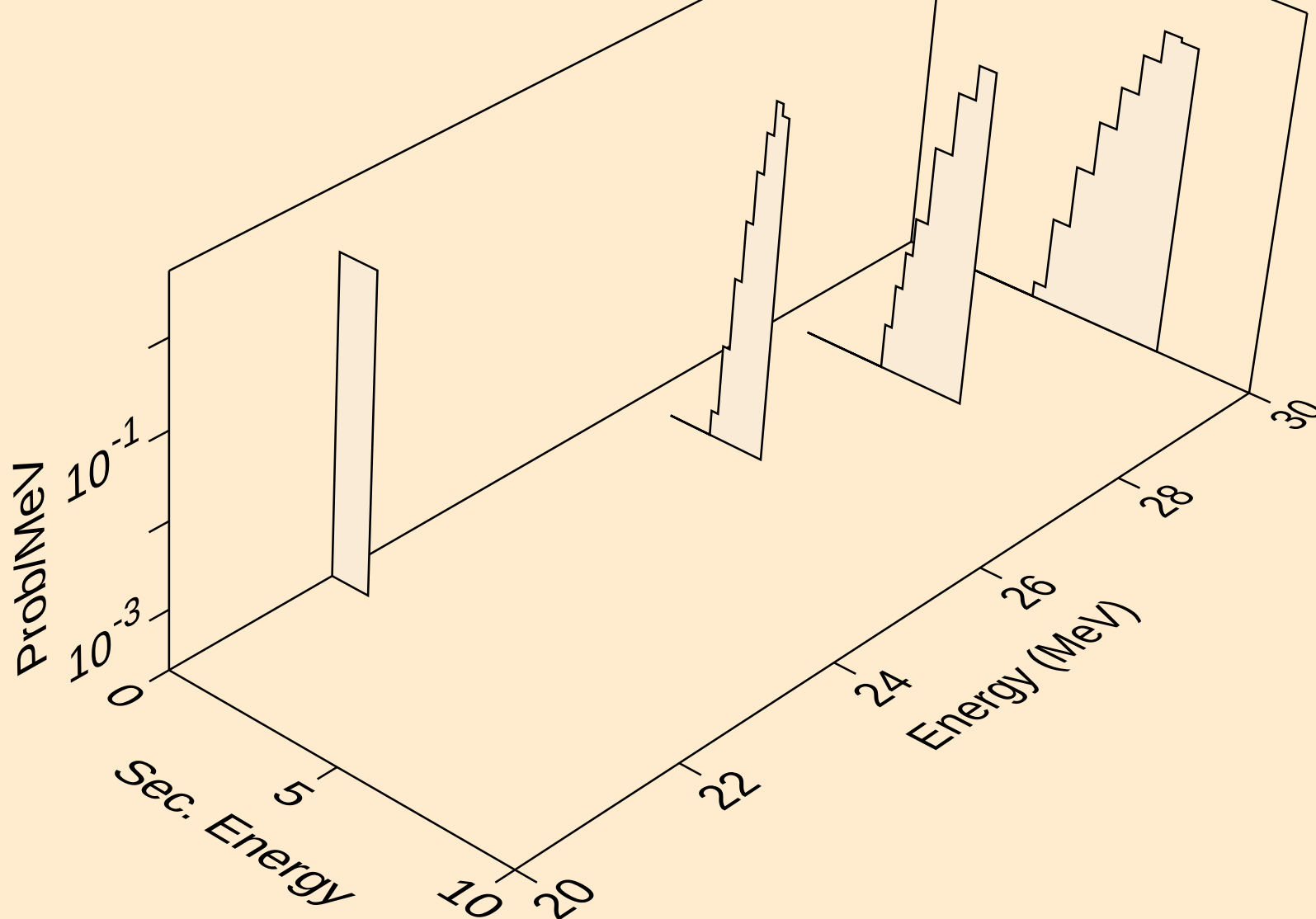
NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
tritons from (a,pt)



NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
he3s from (a,x)



NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
he3s from (a,n*)he3



NI059 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
he3s from (a,he3)

