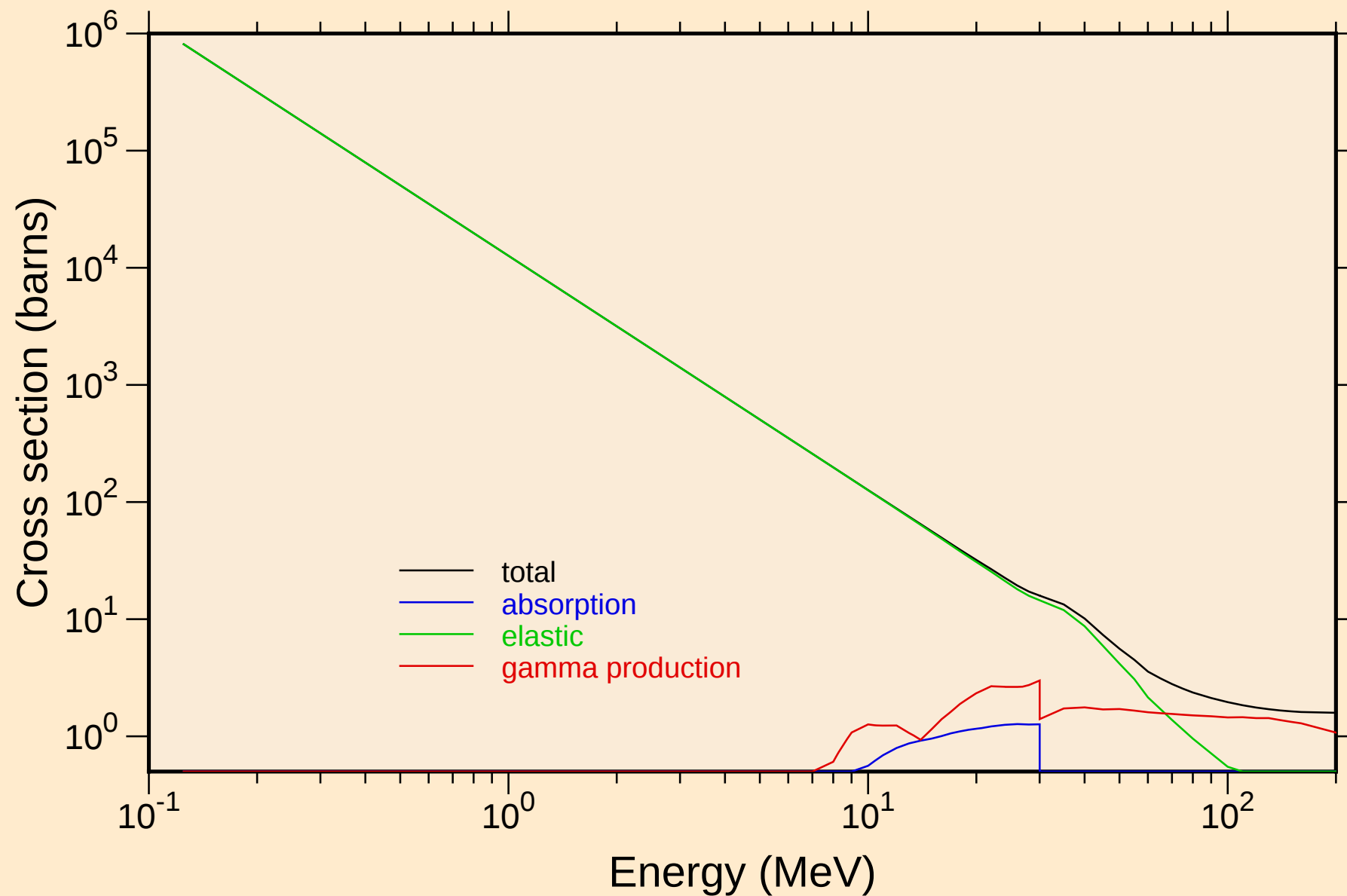


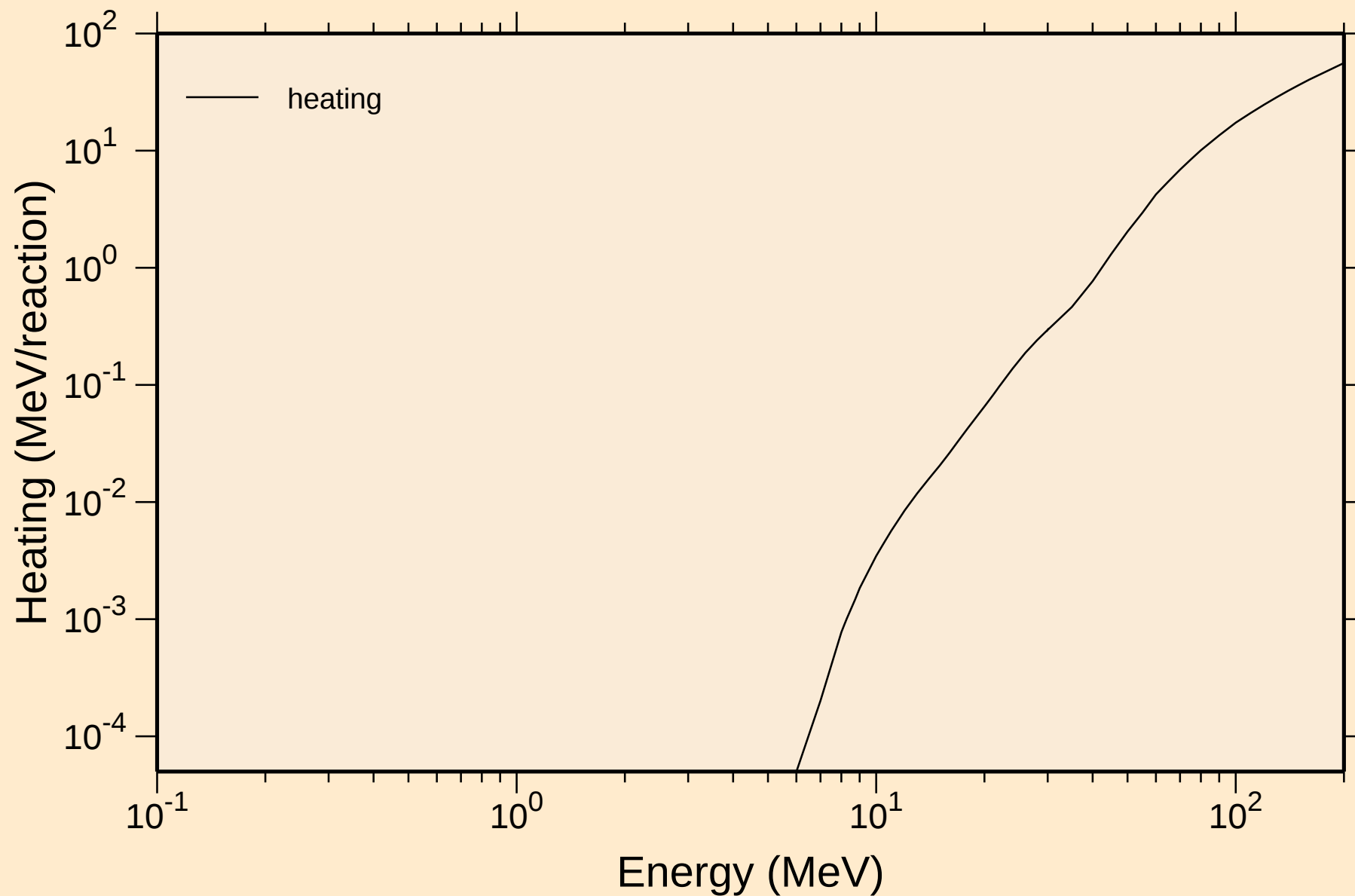
SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



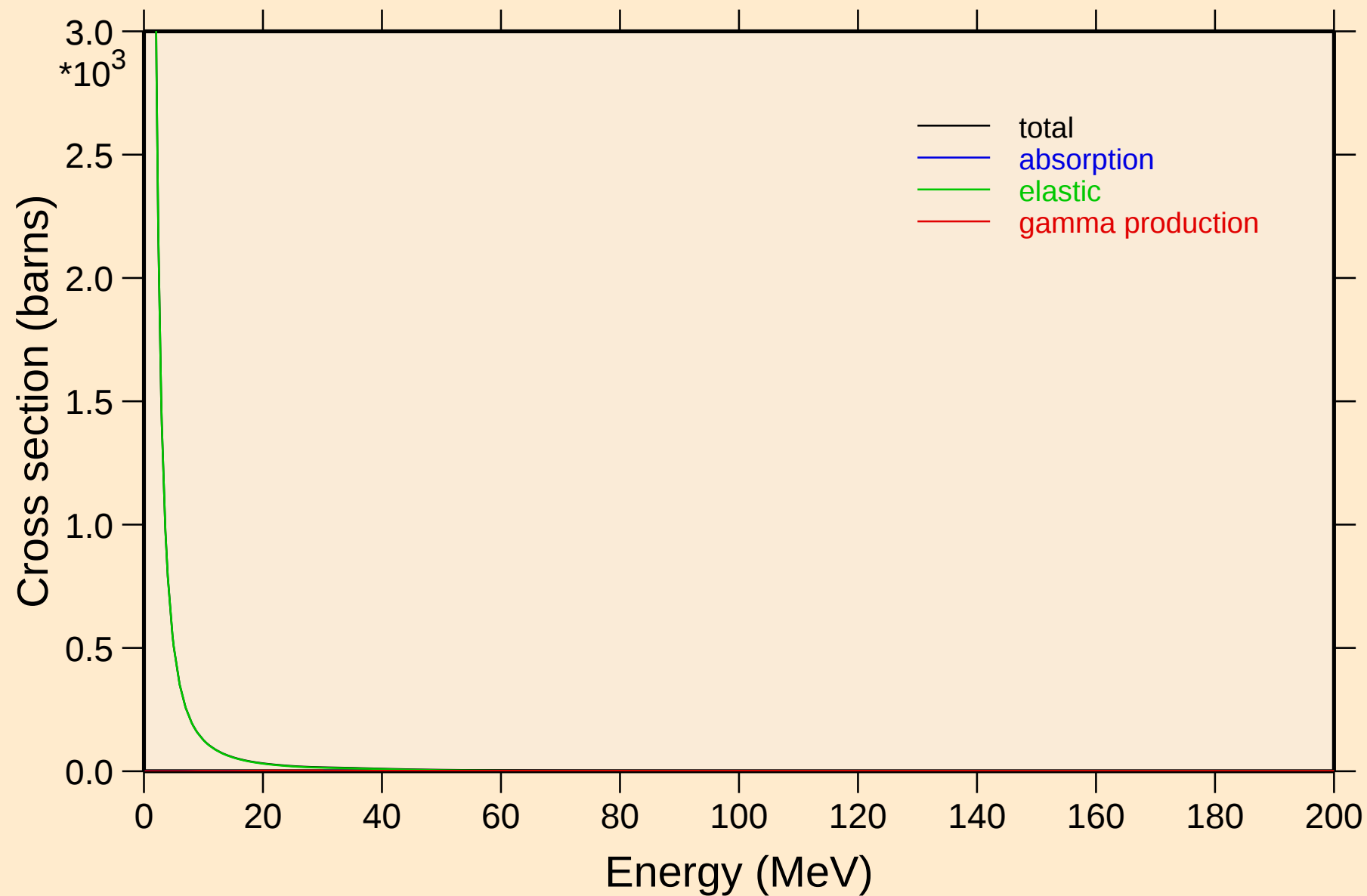
SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating



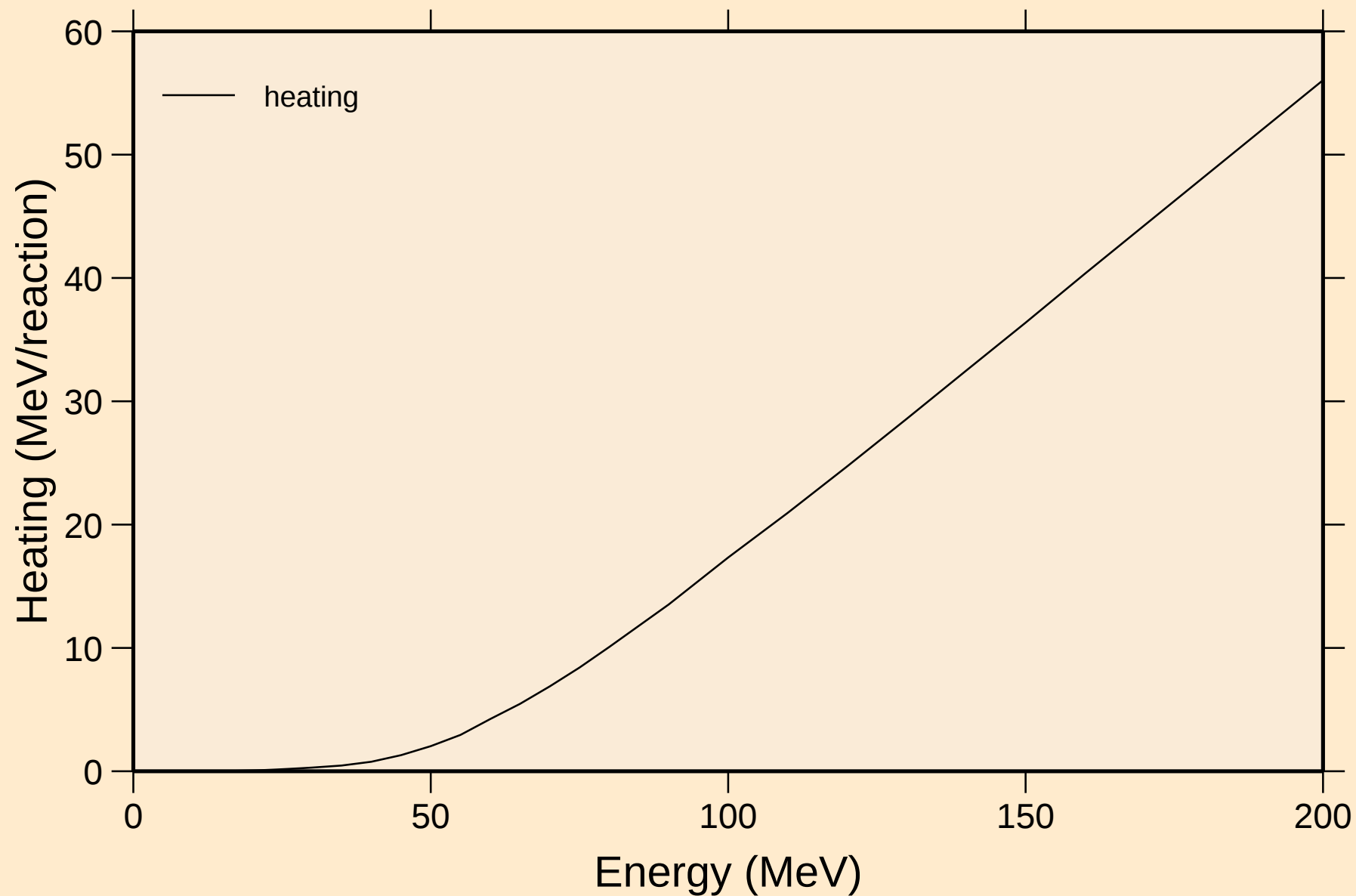
SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



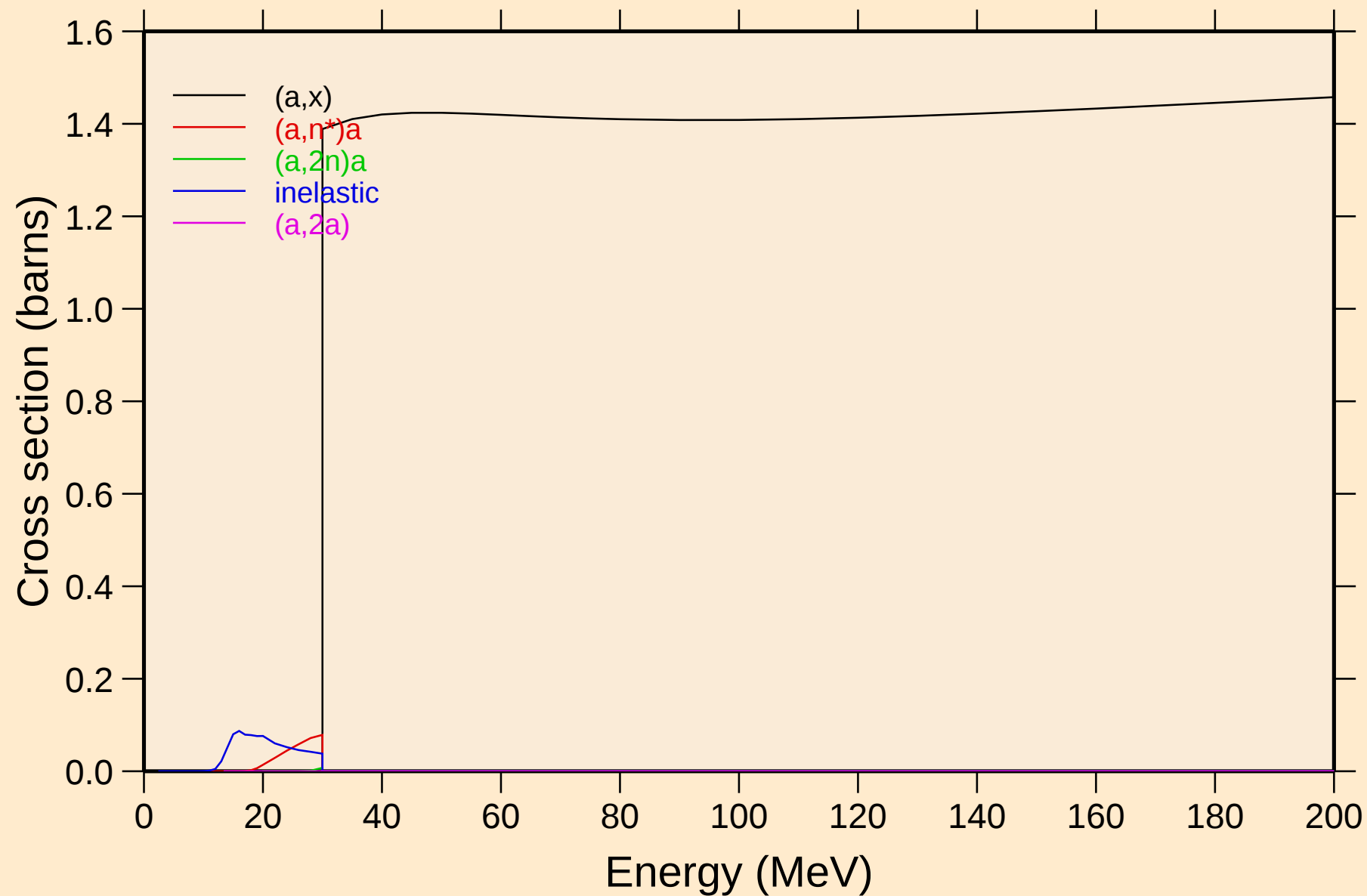
SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating



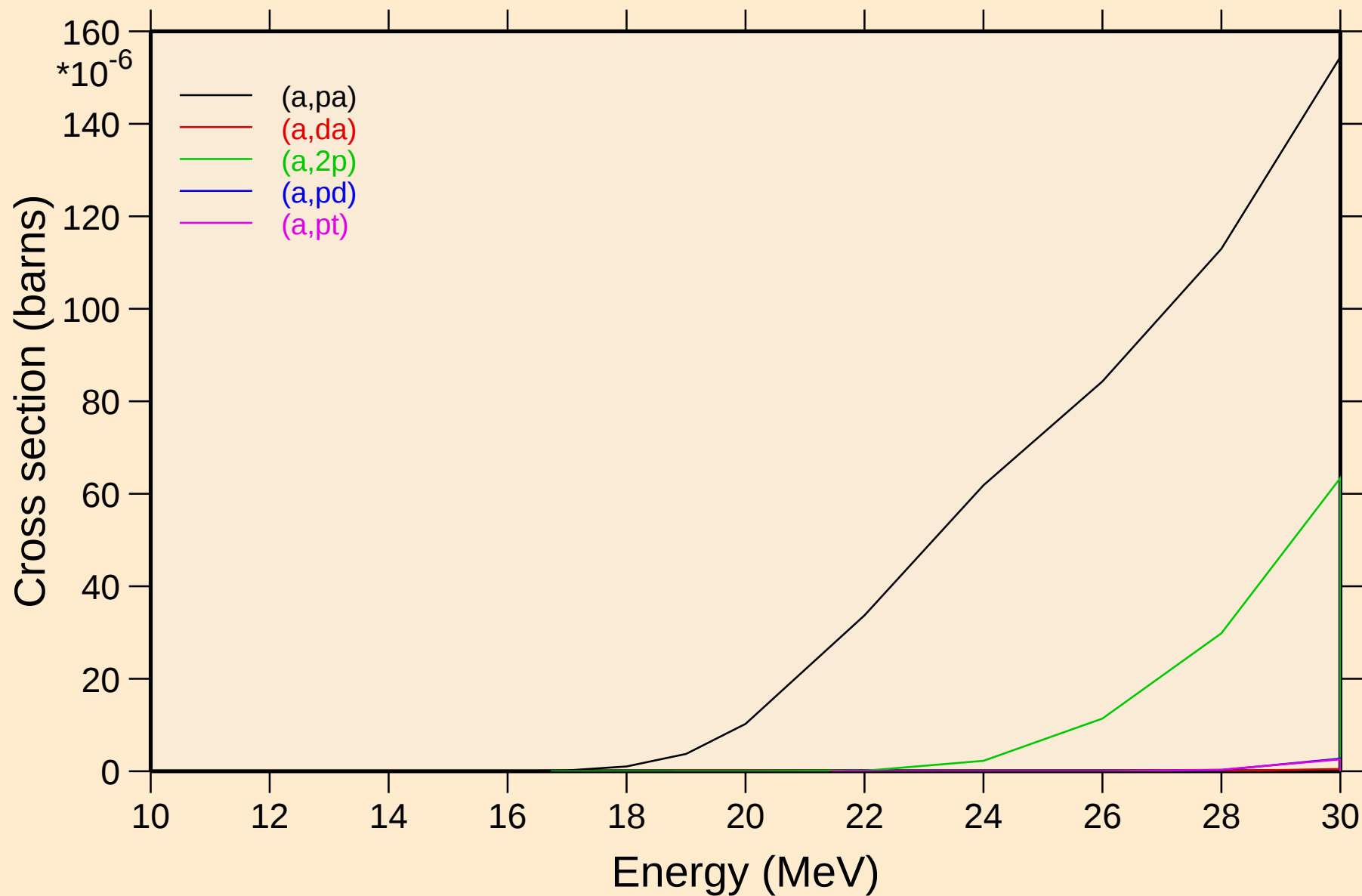
SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

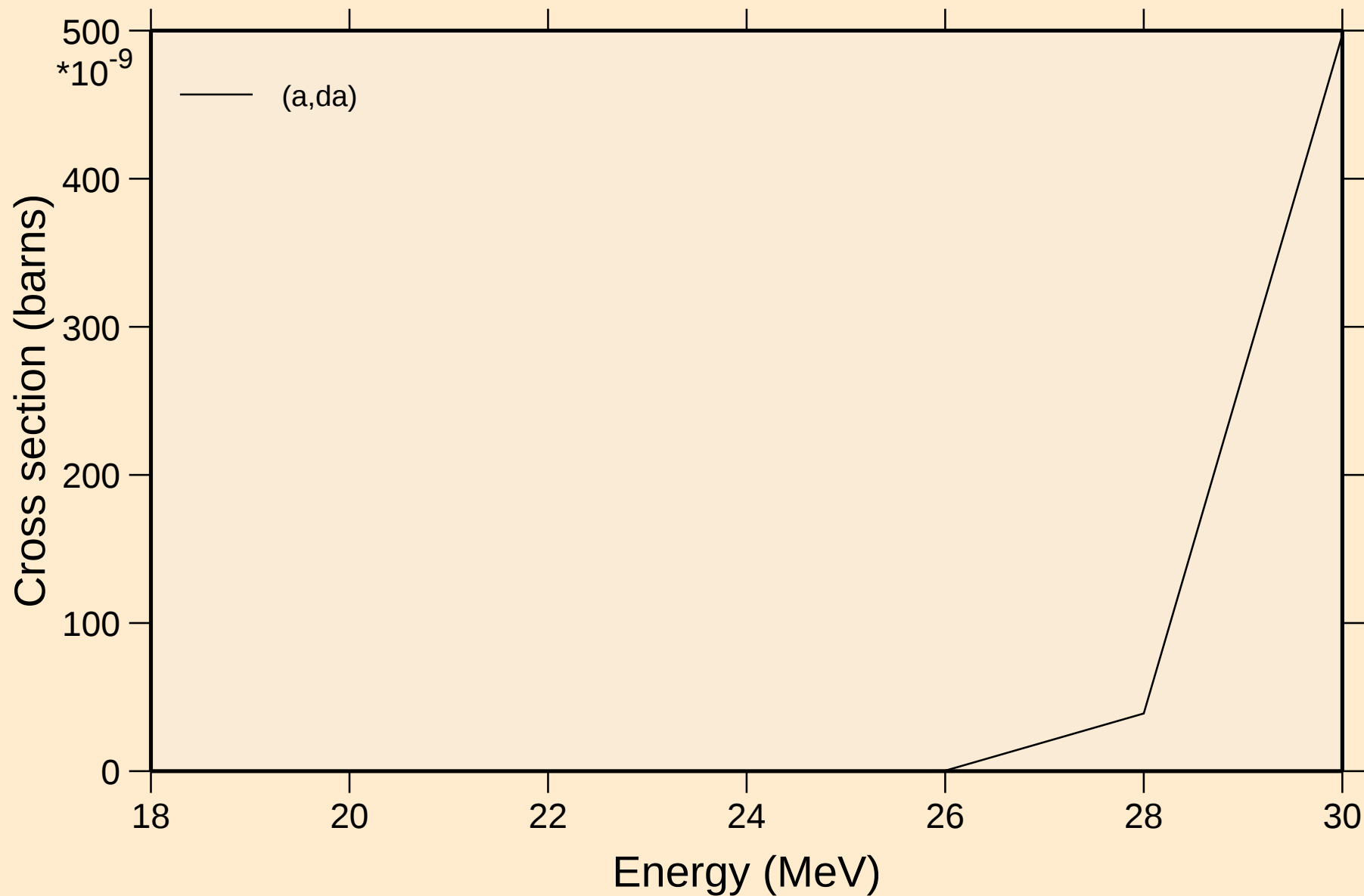


SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

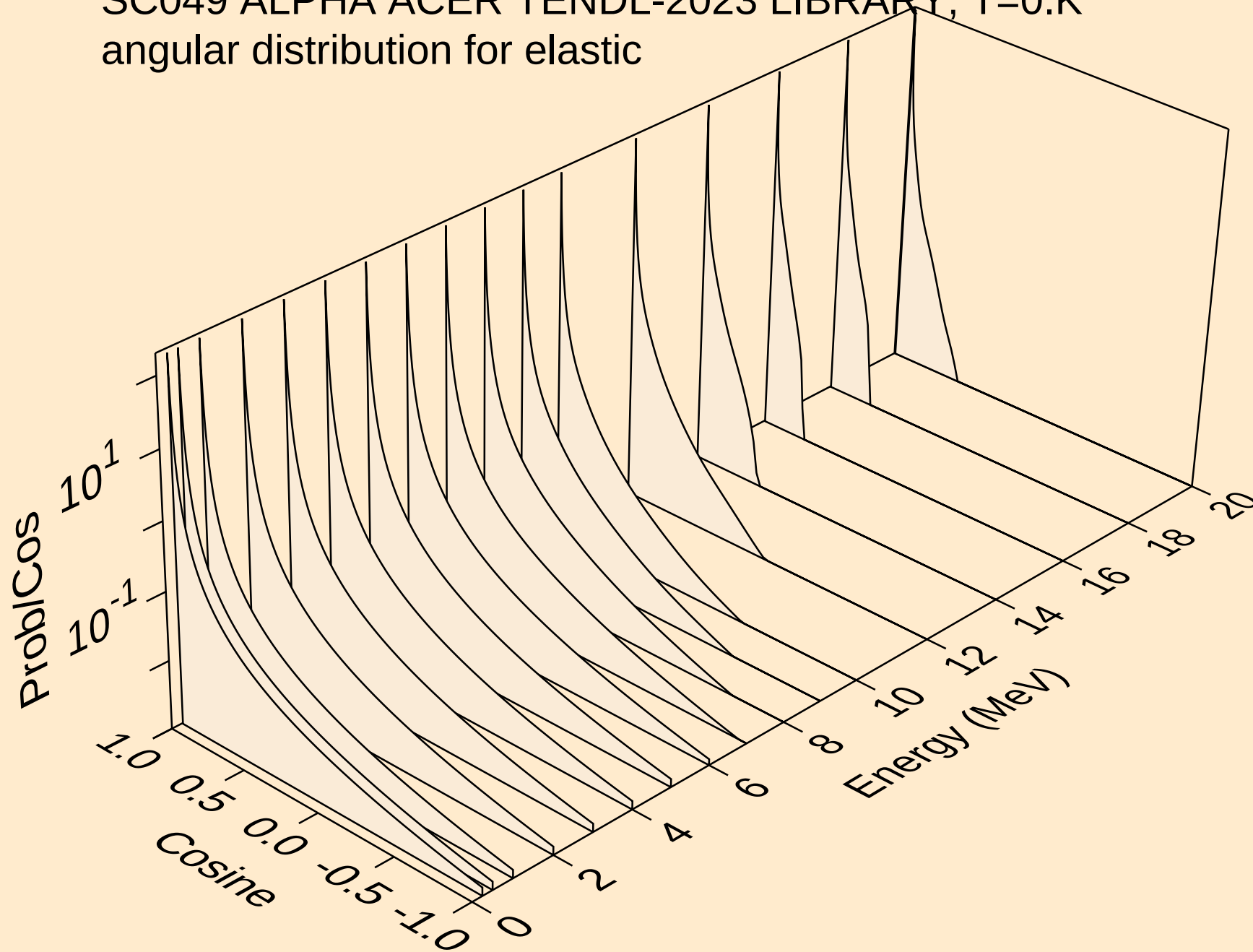
Threshold reactions



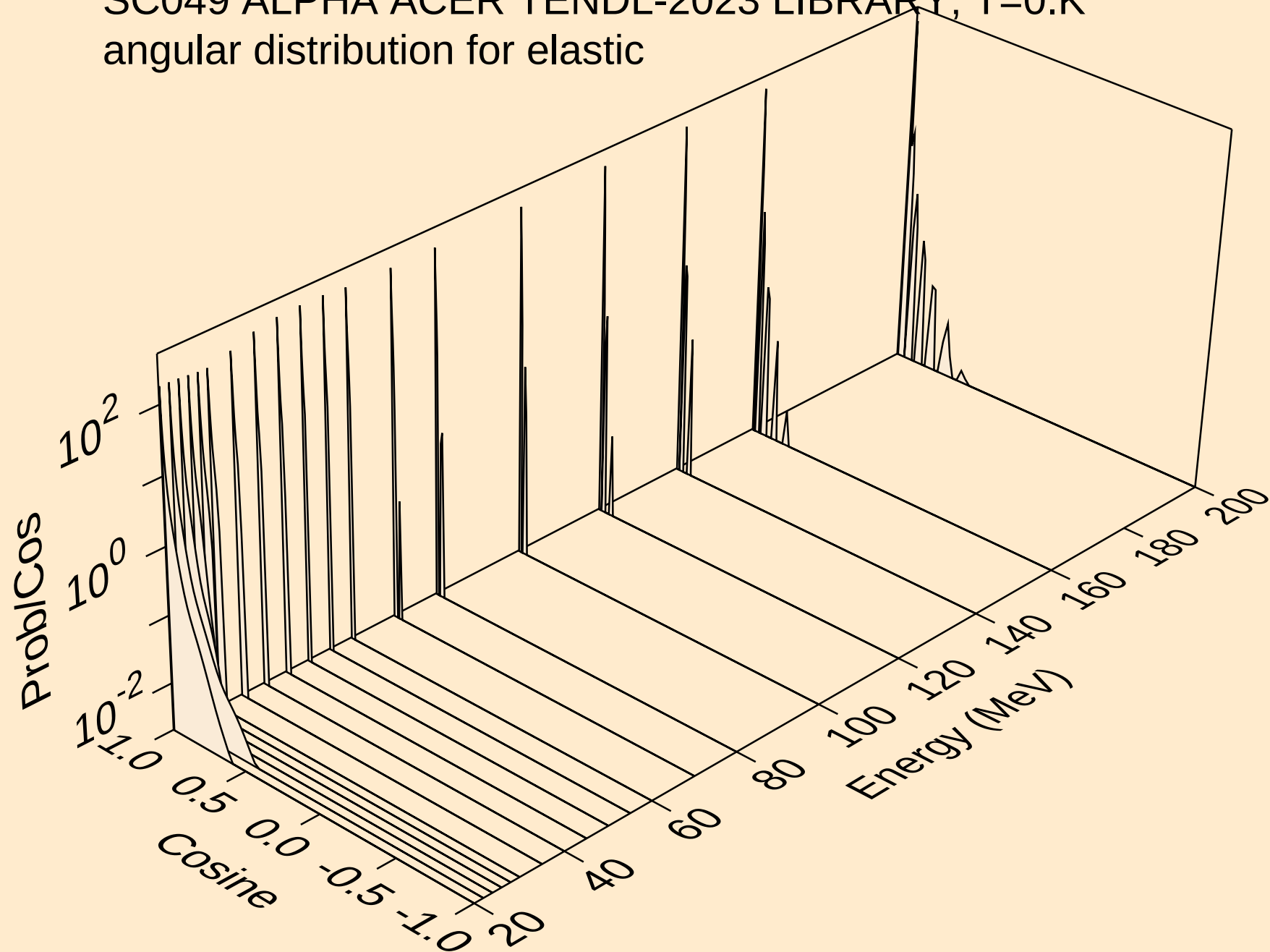
SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic

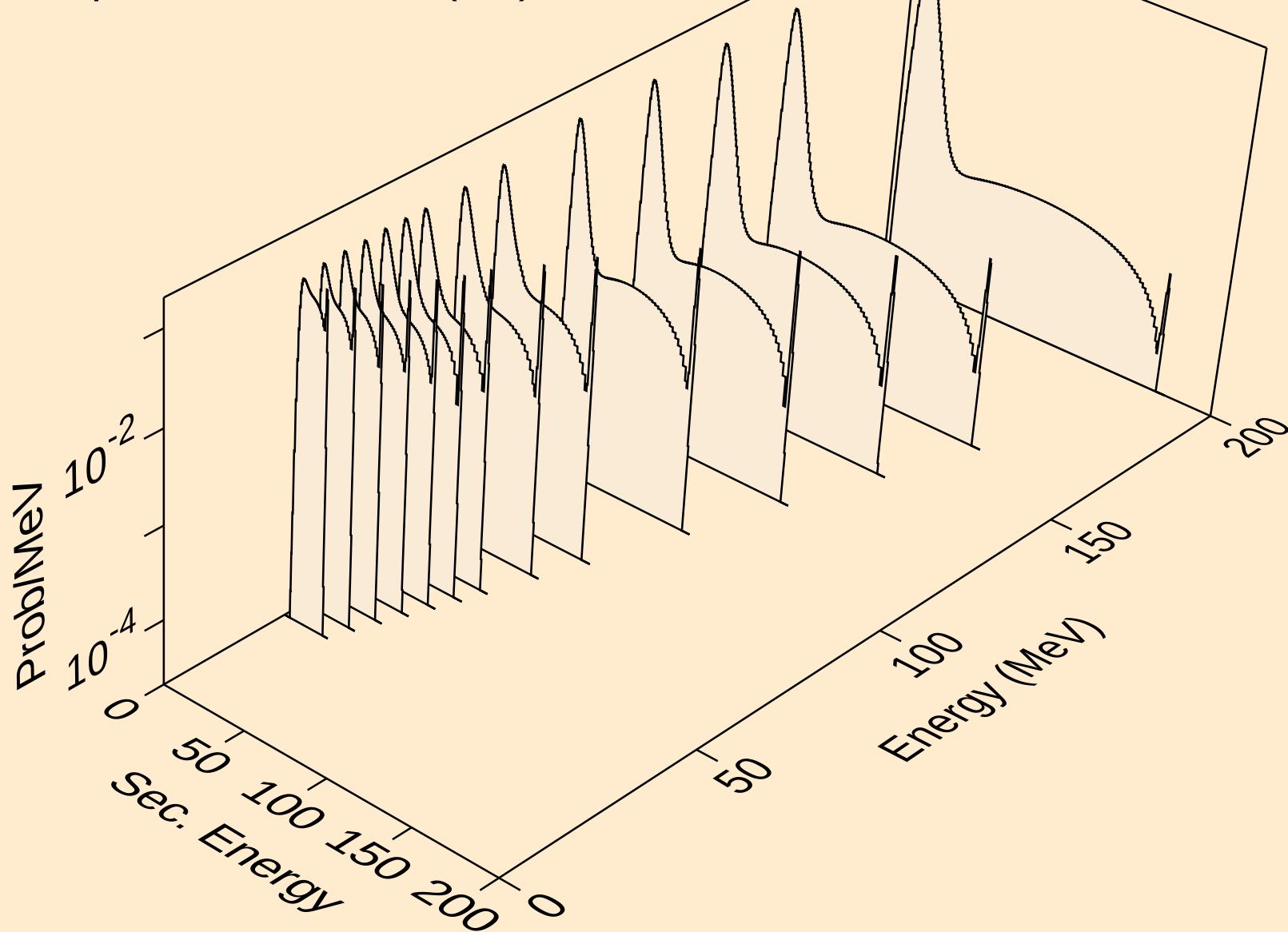


SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



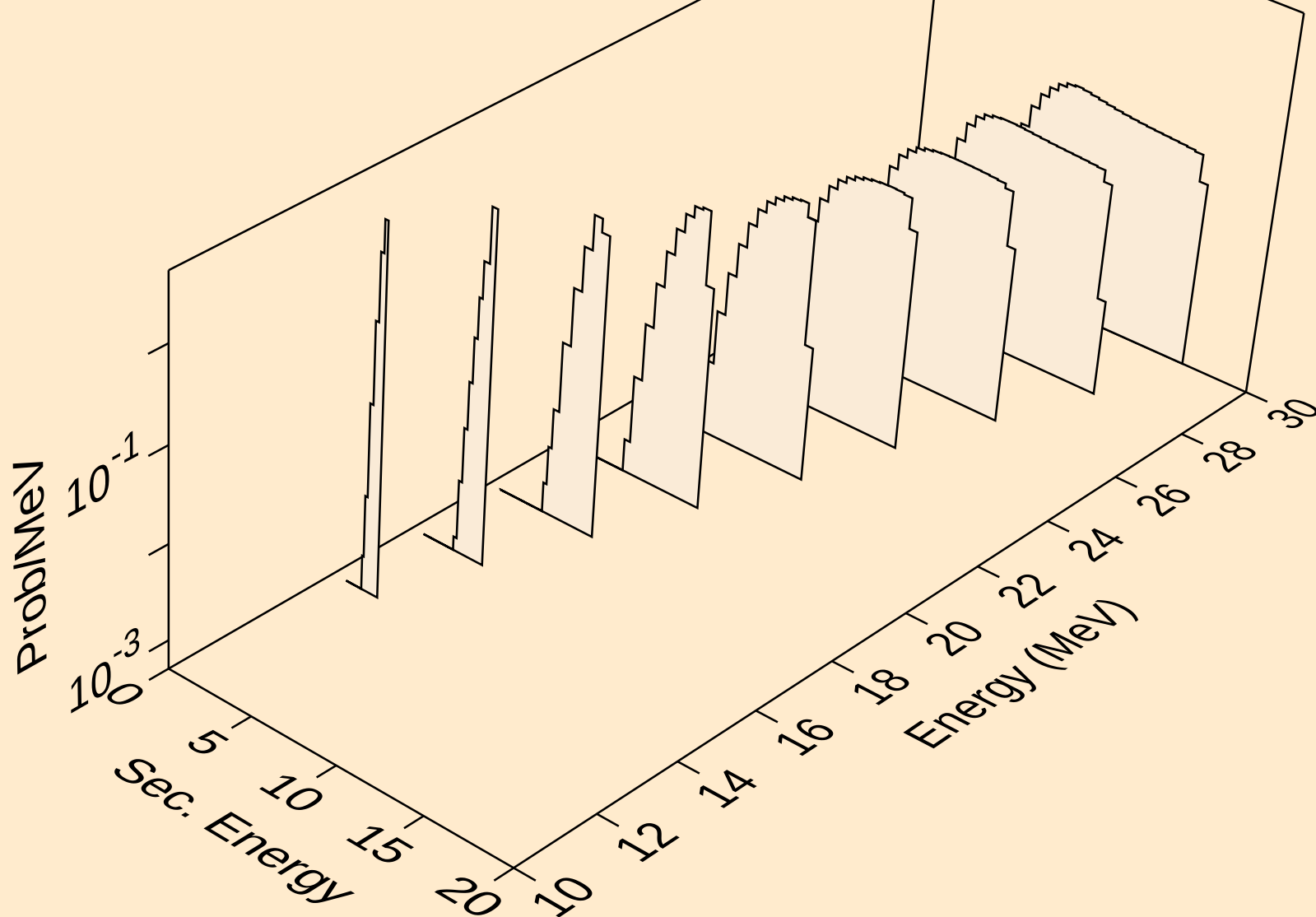
SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,x)



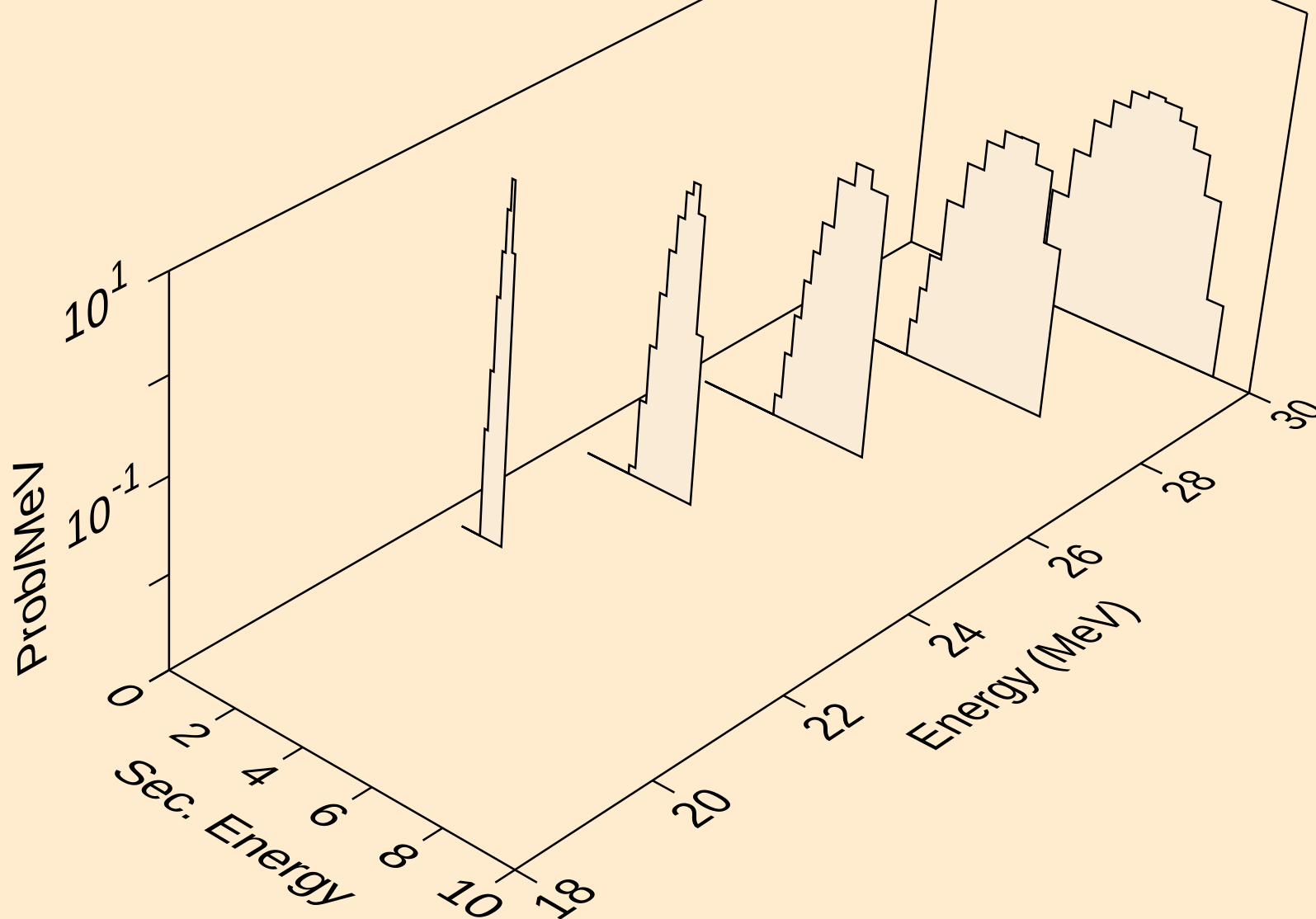
SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,n*)a



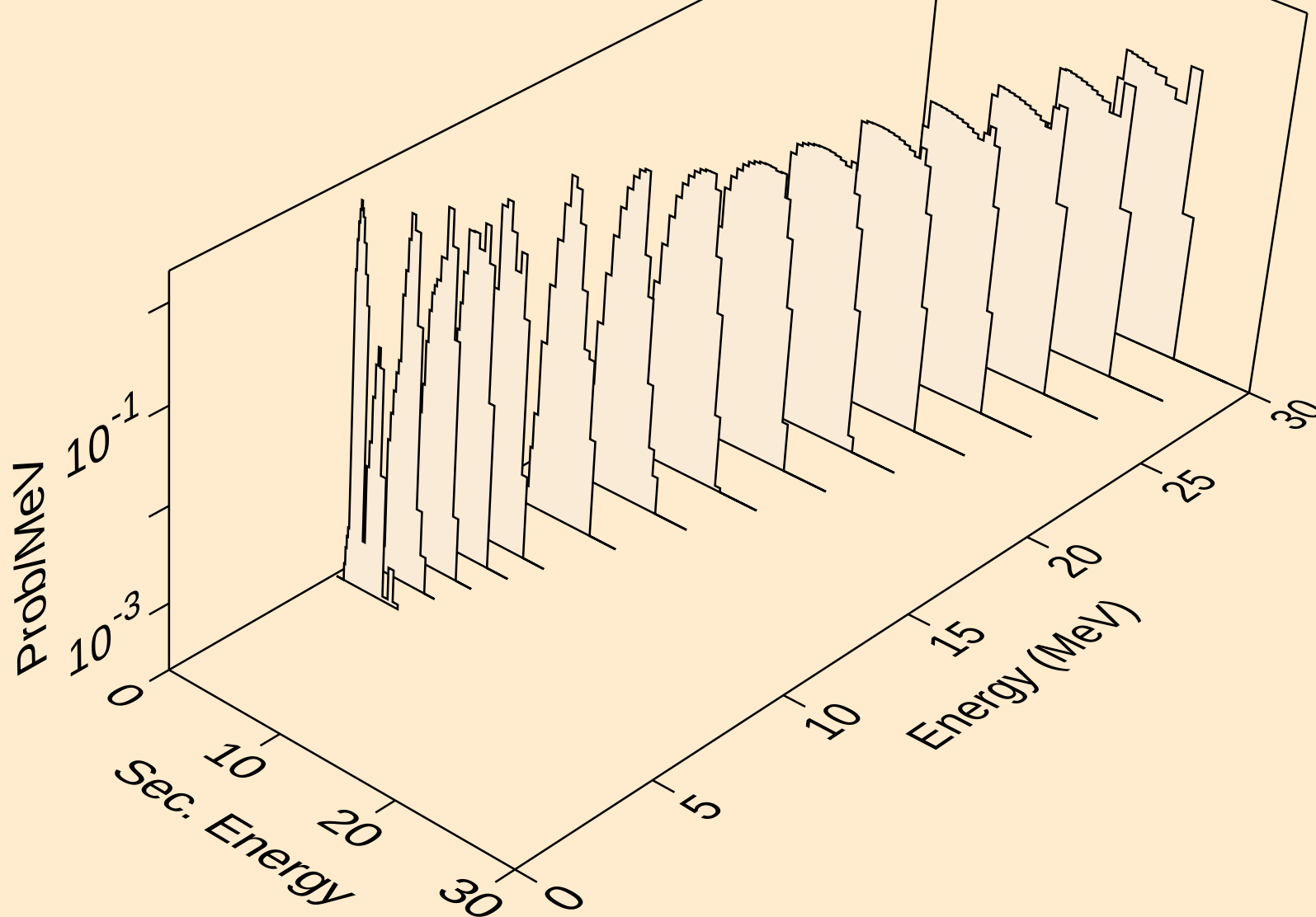
SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,2n)a



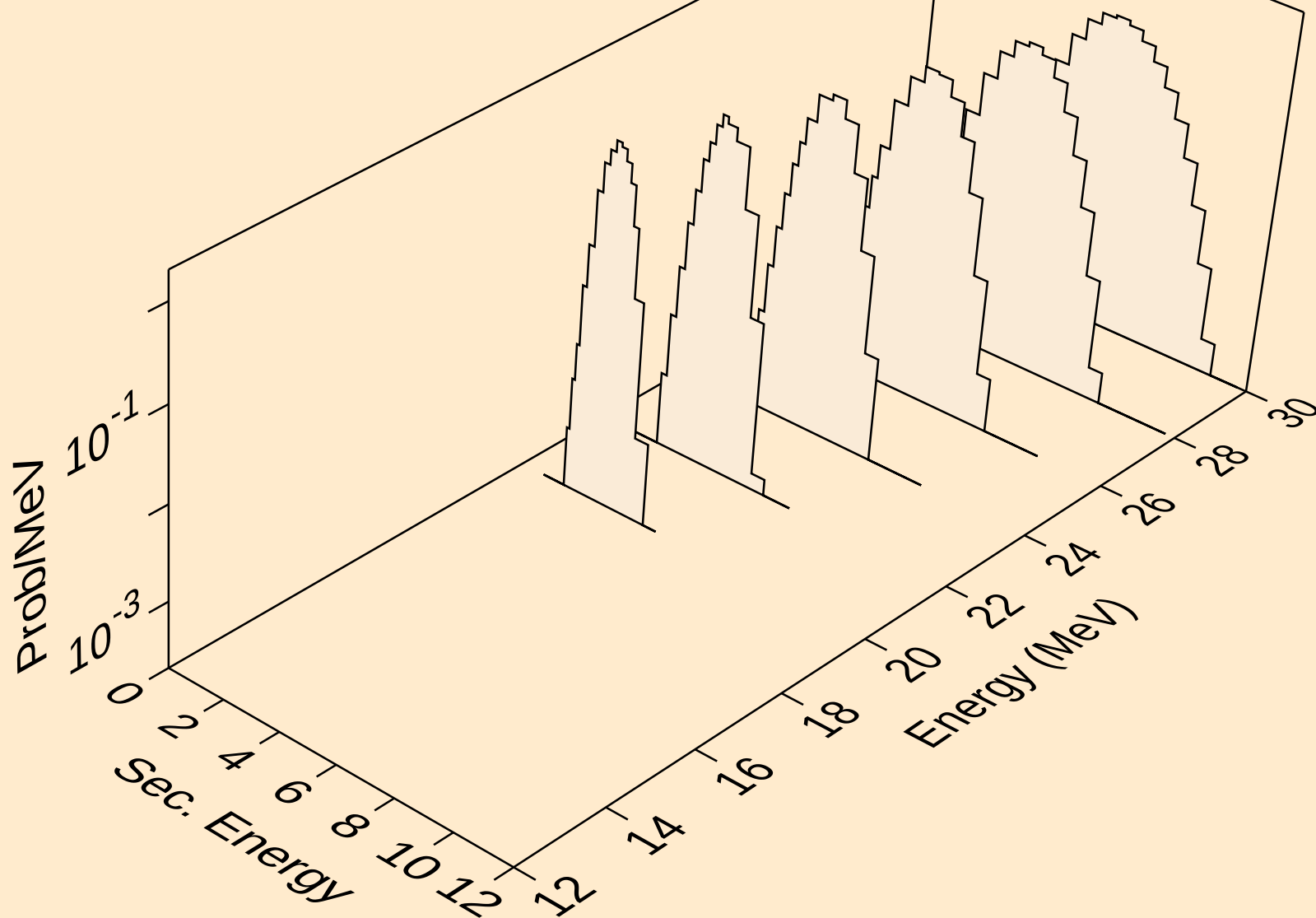
SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for inelastic



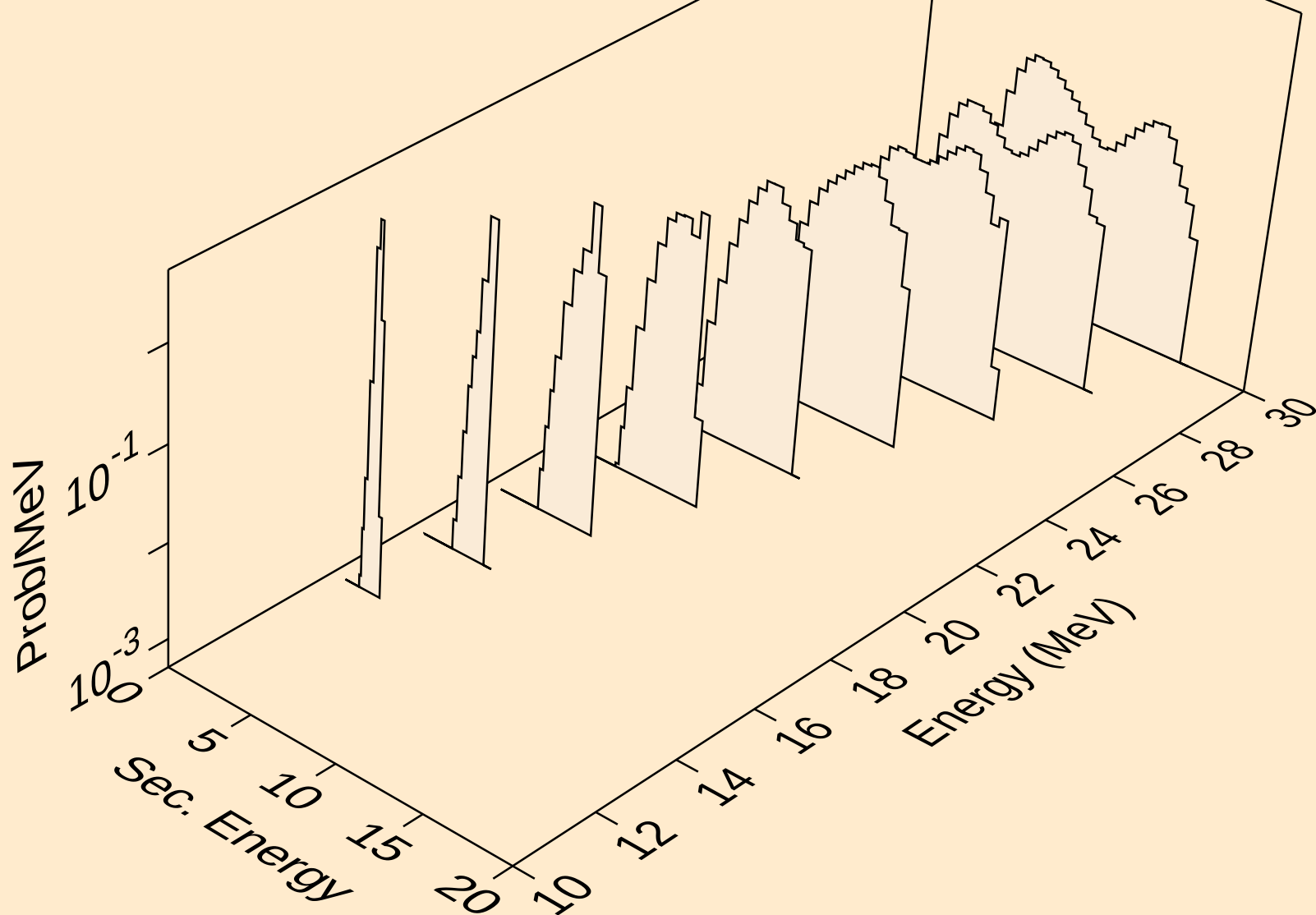
SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,2a)



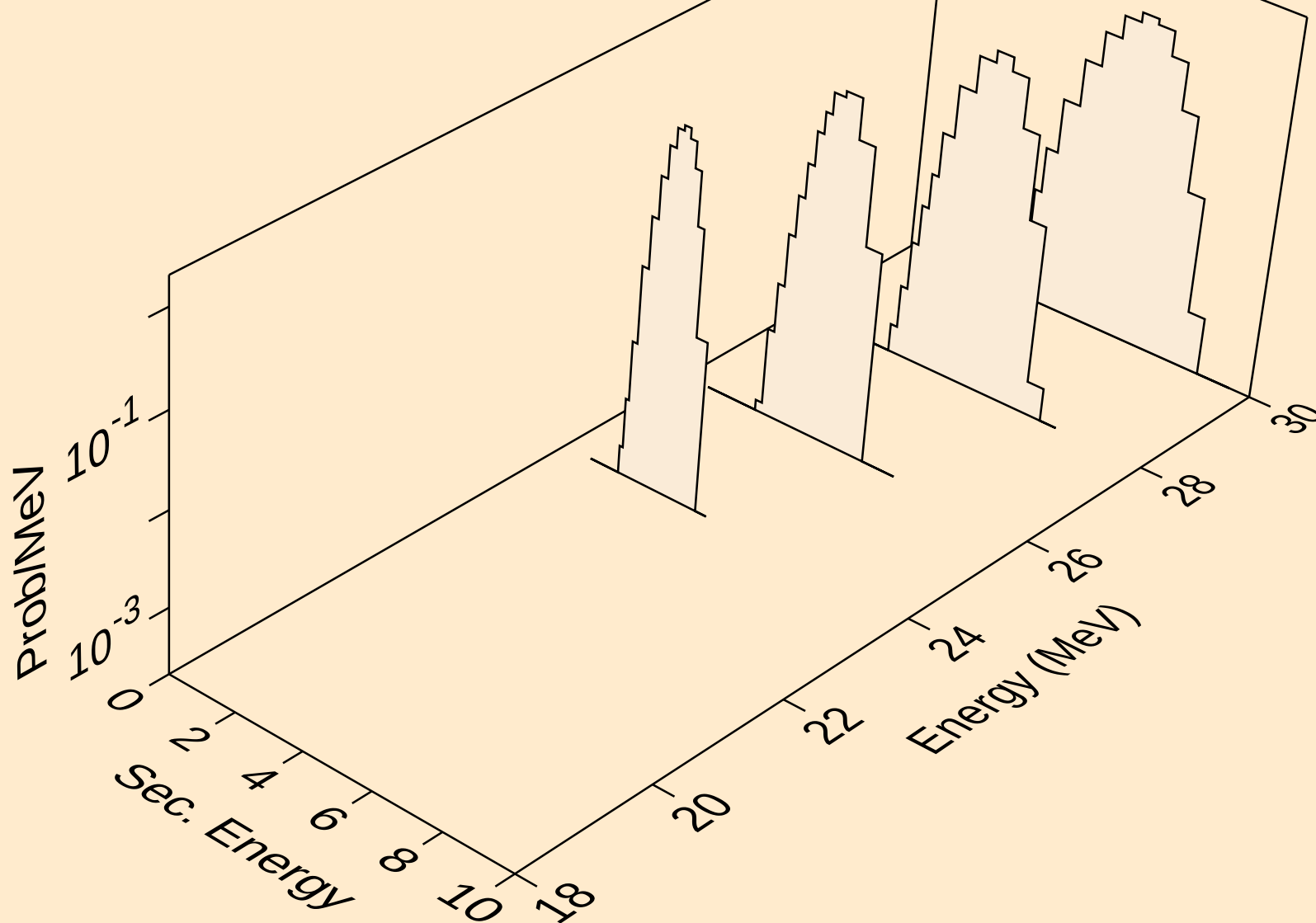
SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,pa)

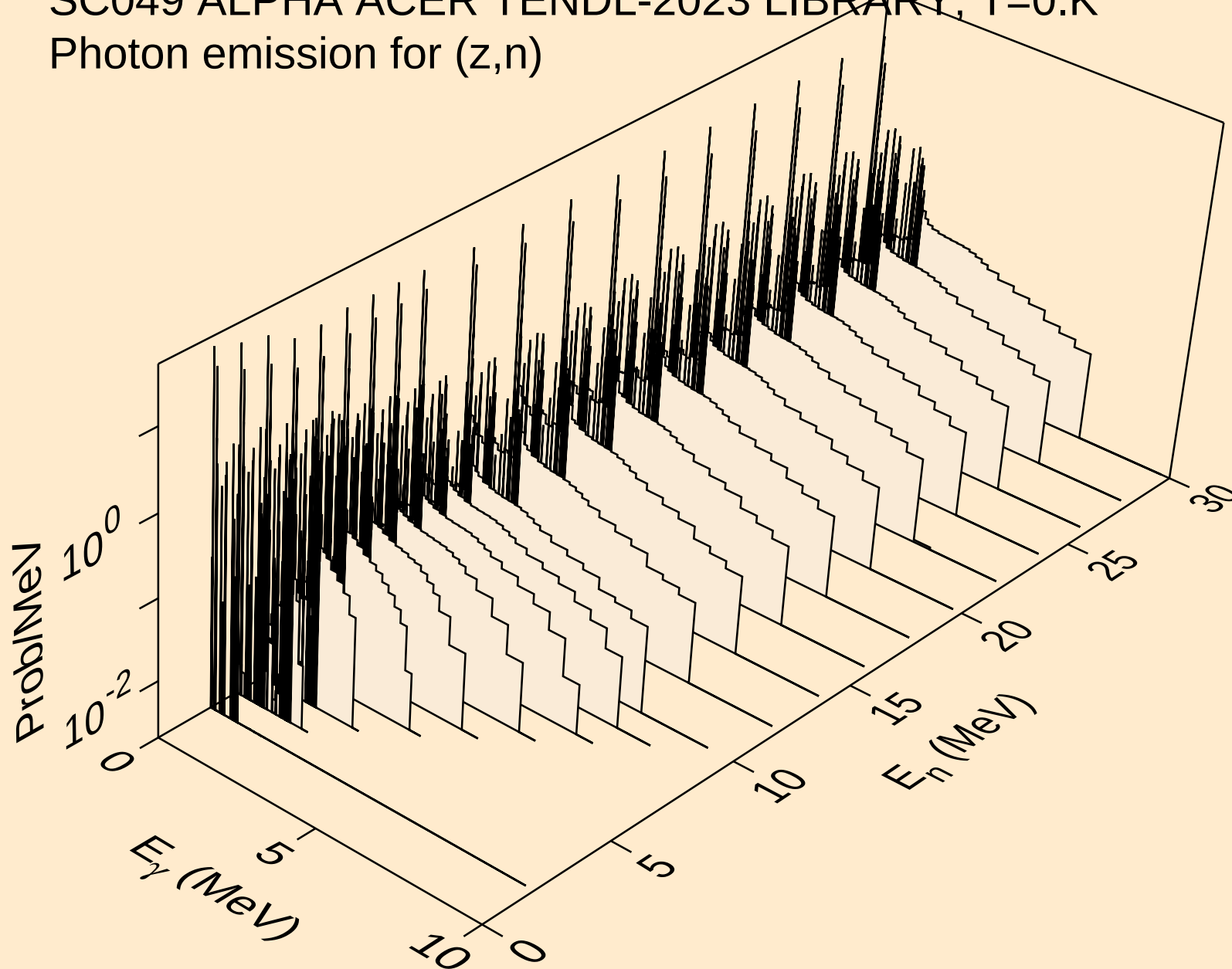


SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,da)

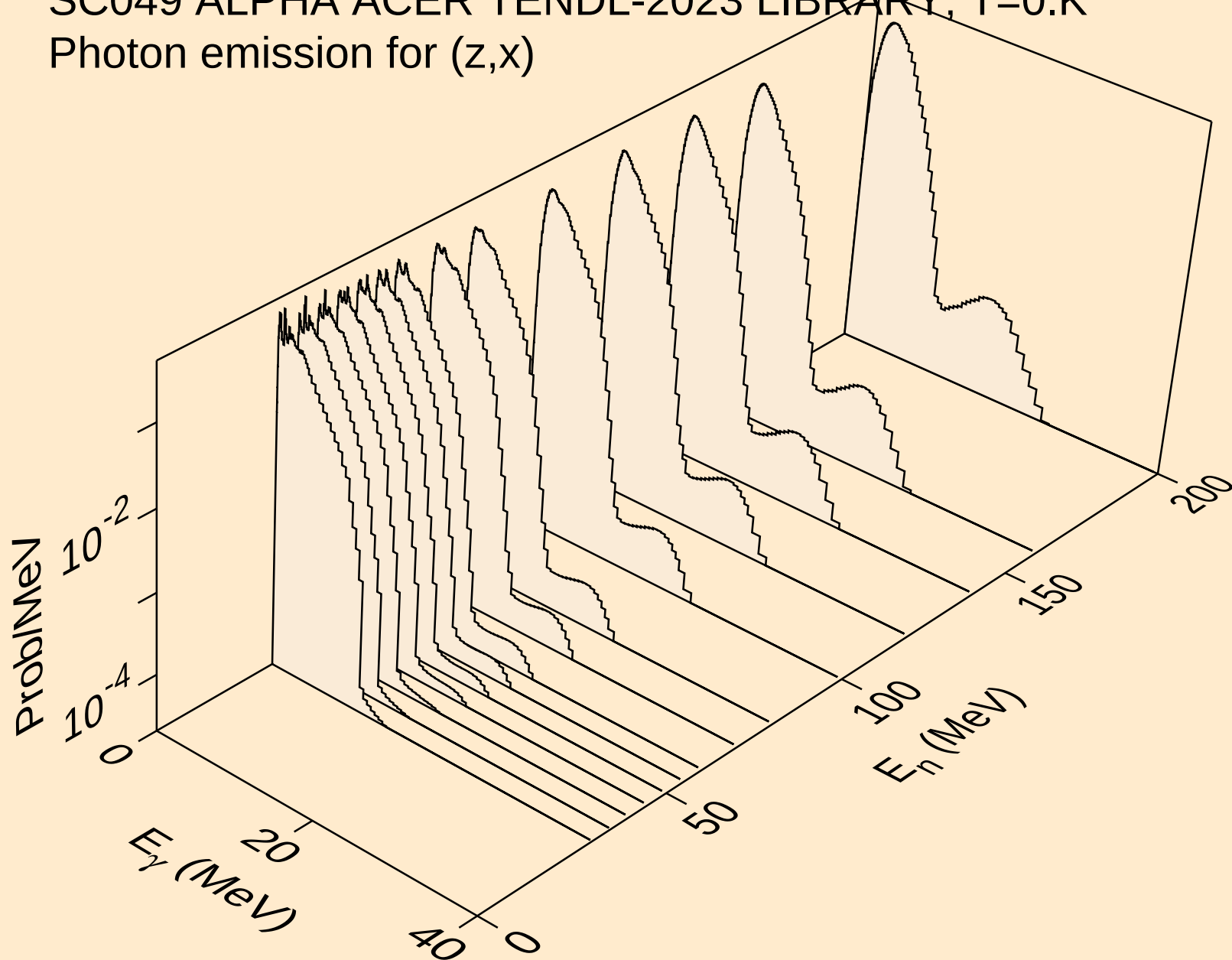


SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (z,n)

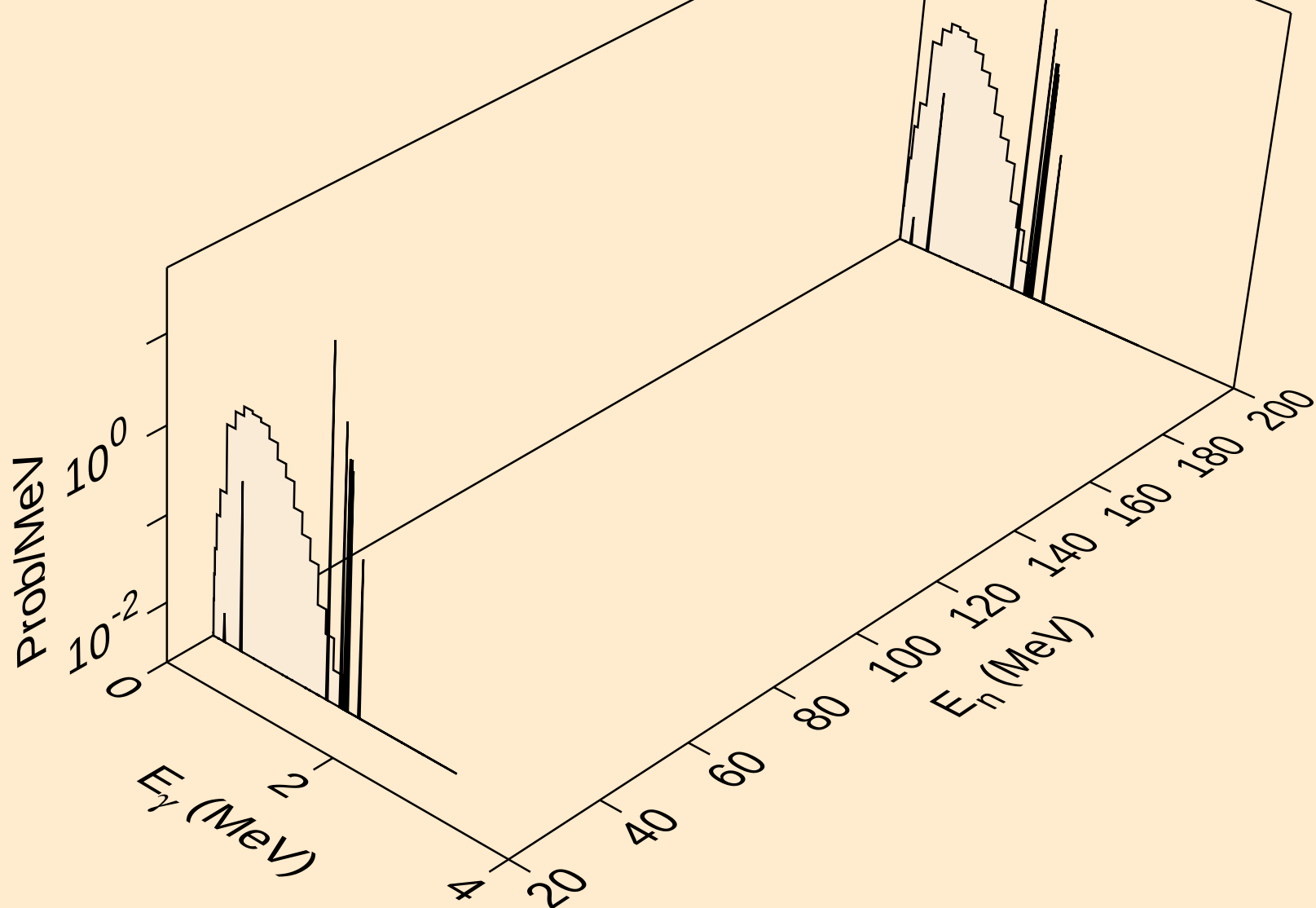


SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

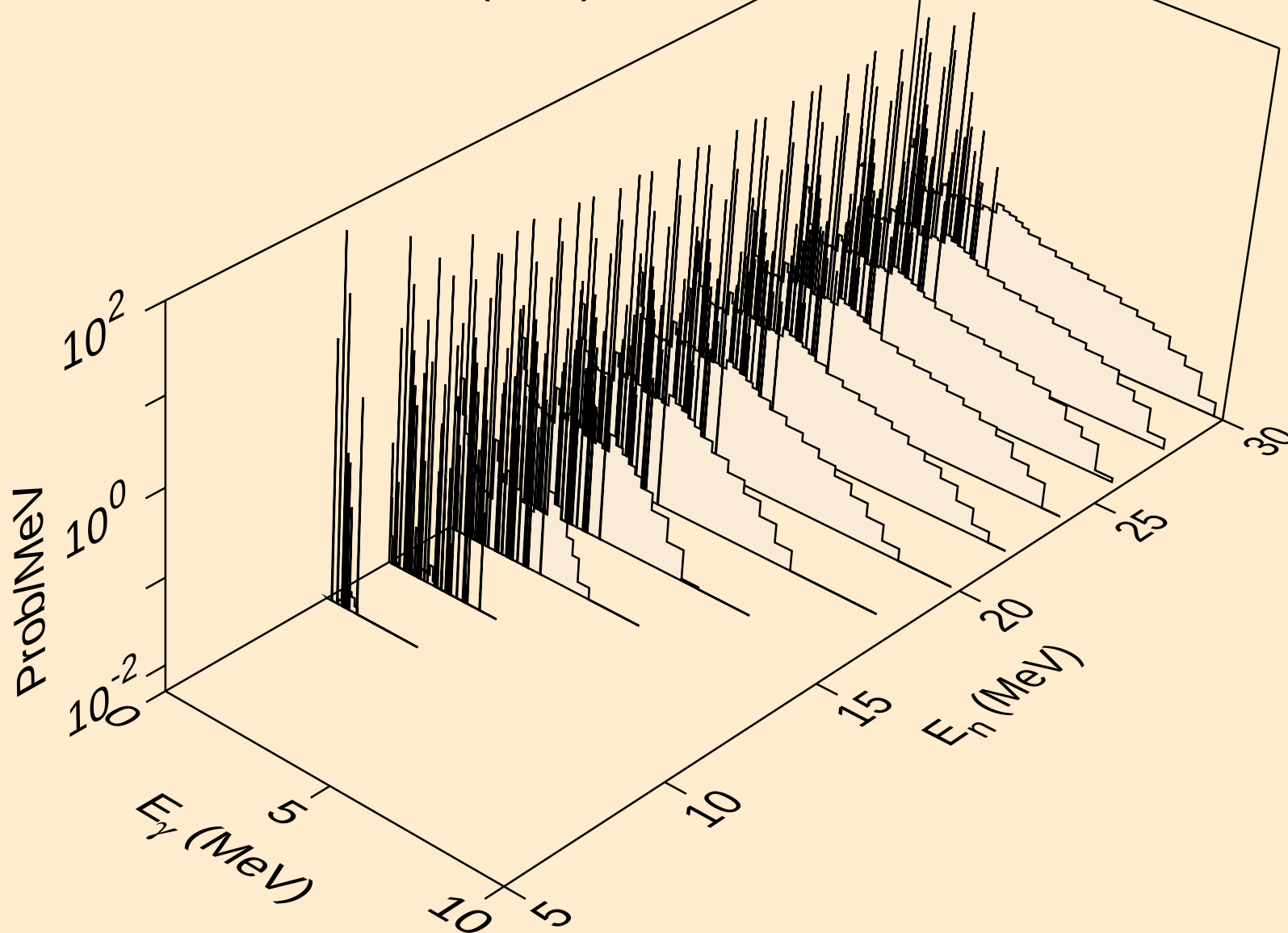
Photon emission for (z,x)



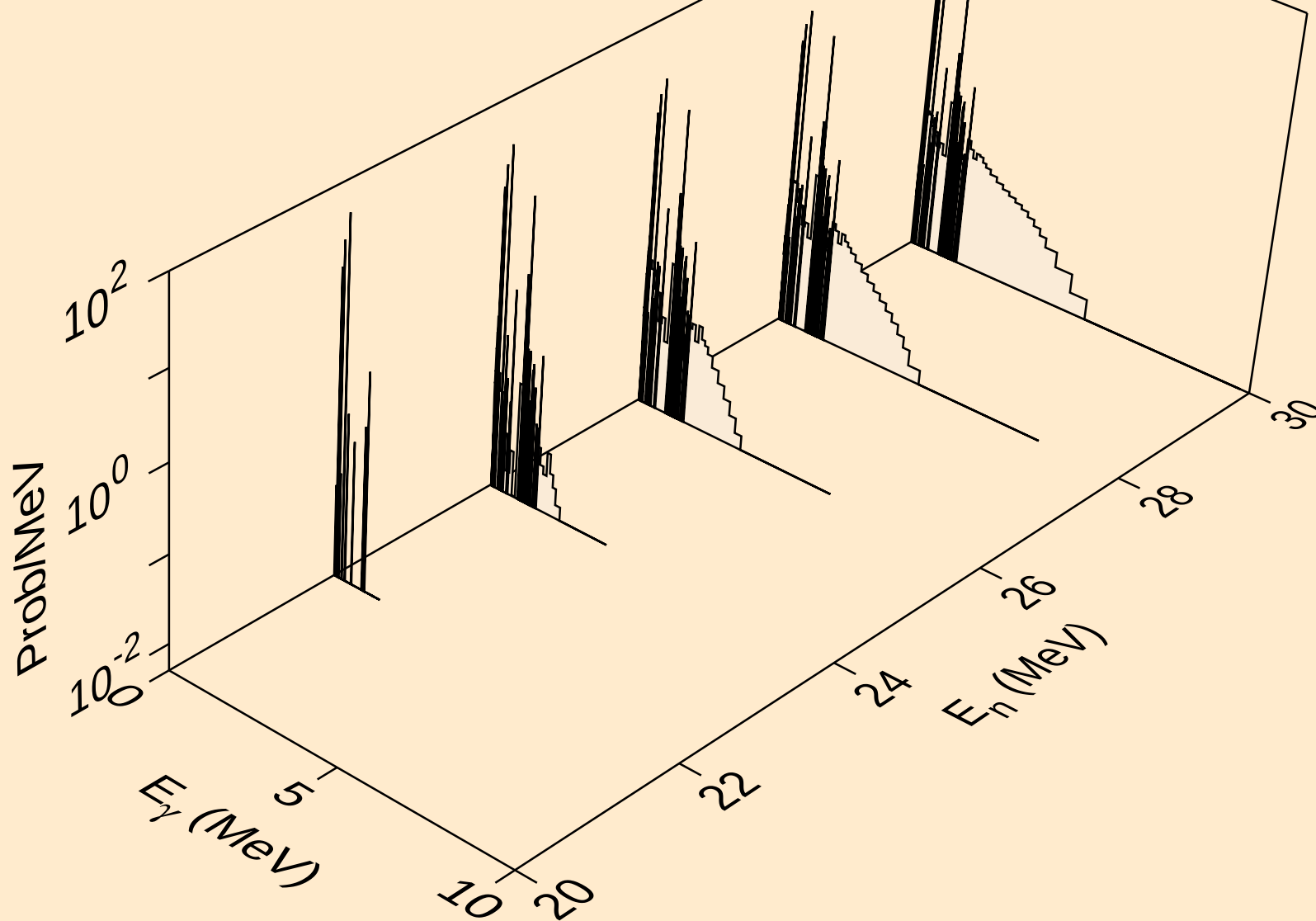
SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2nd)



SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)

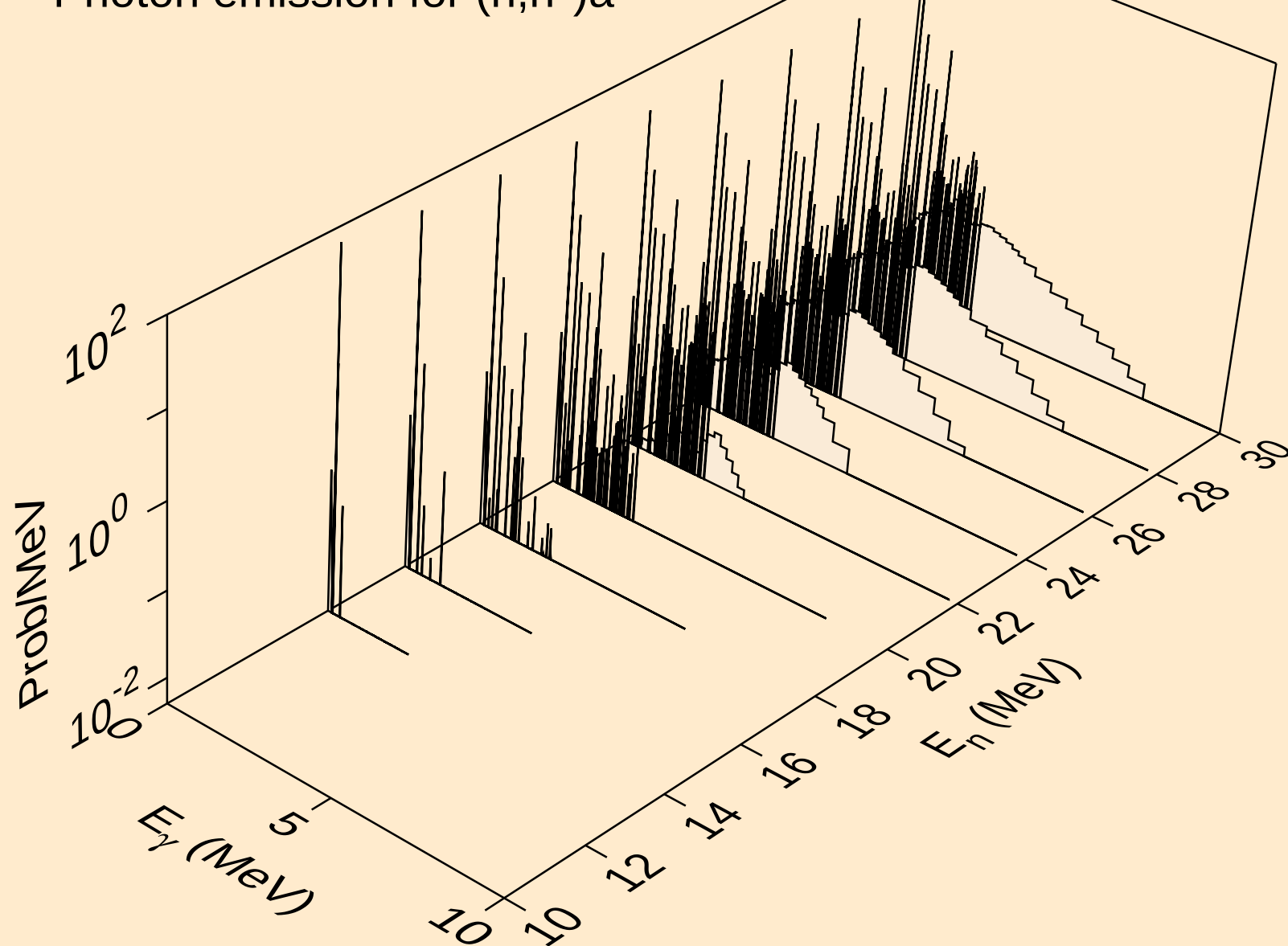


SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)



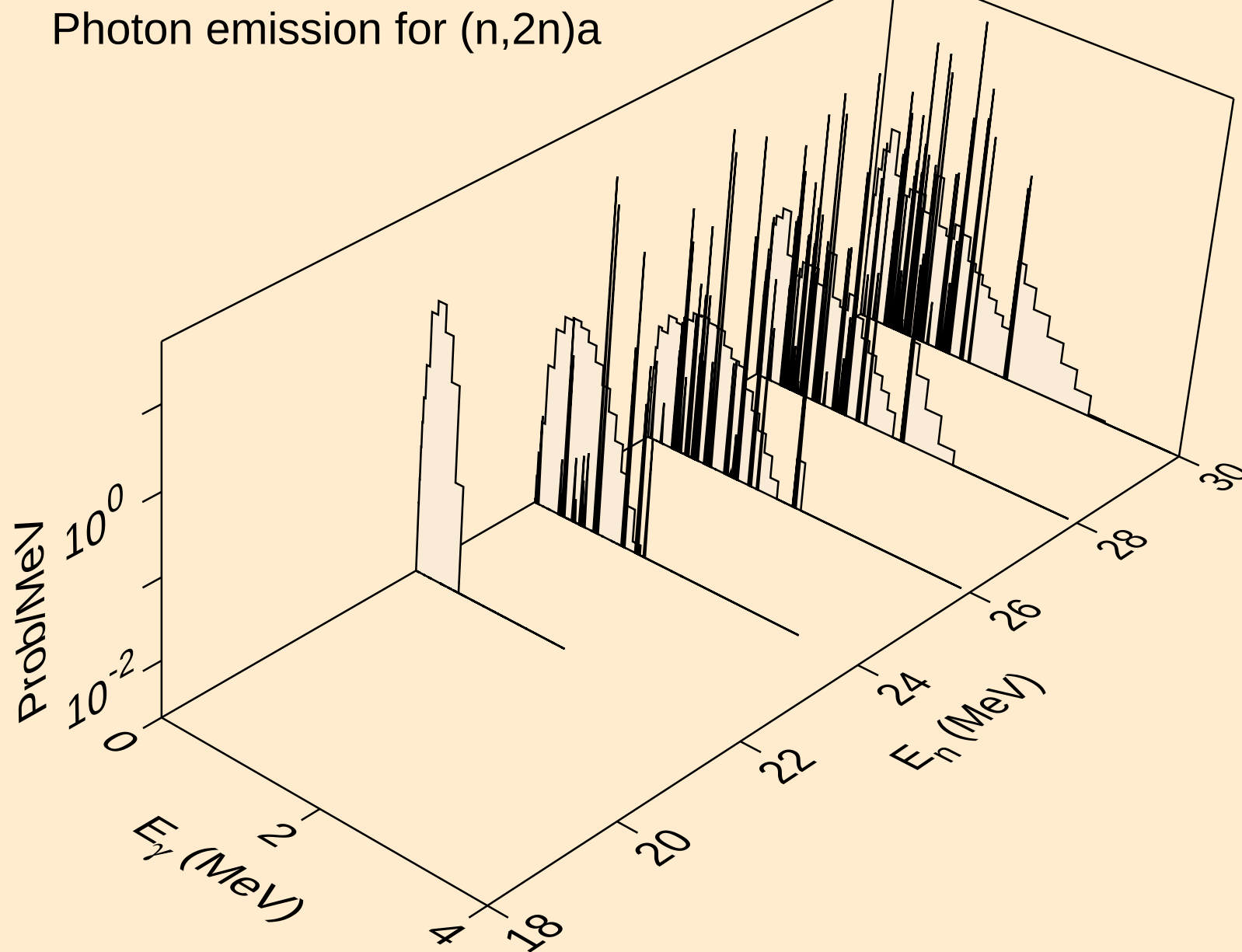
SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)a



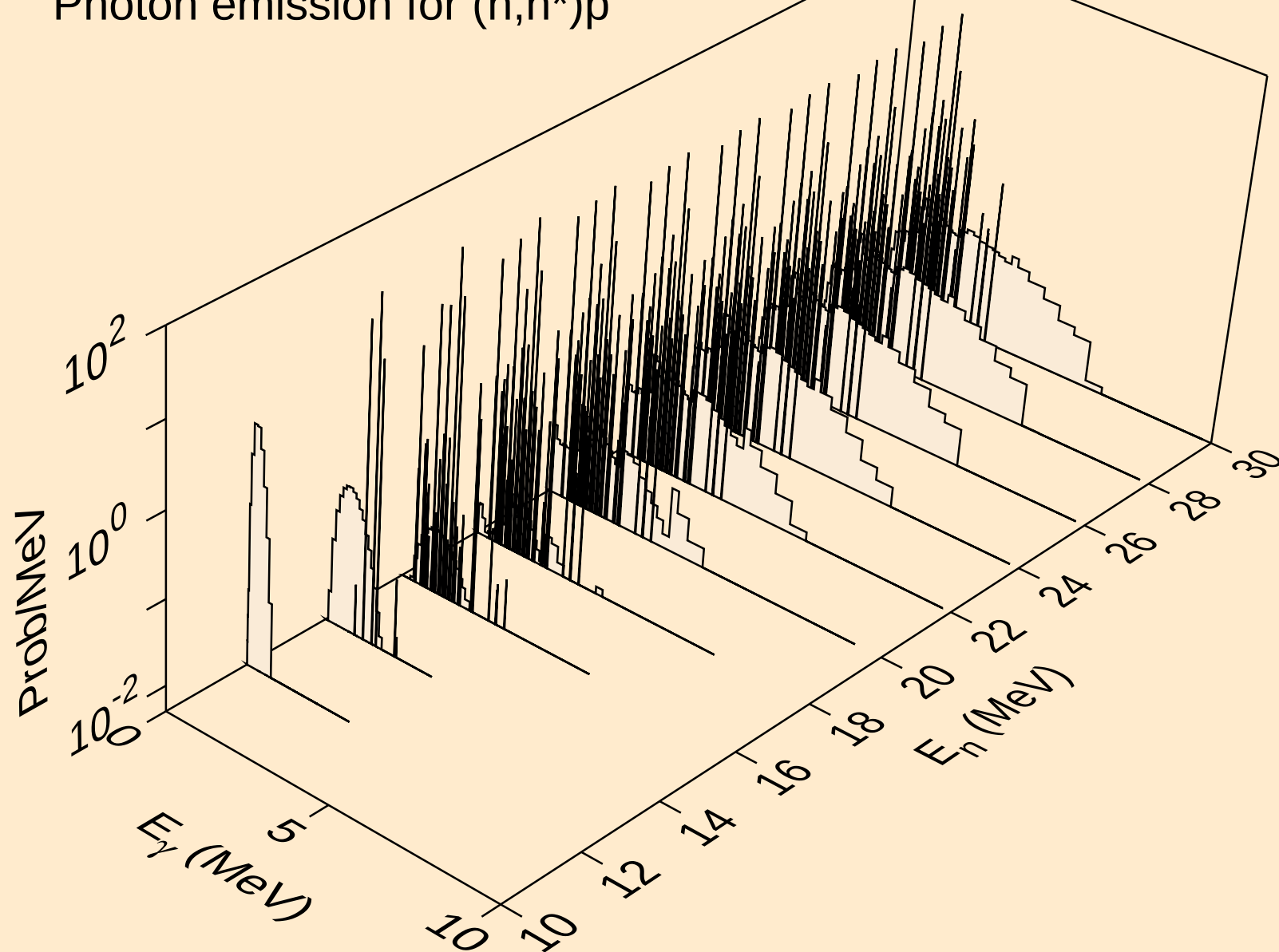
SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,2n) α



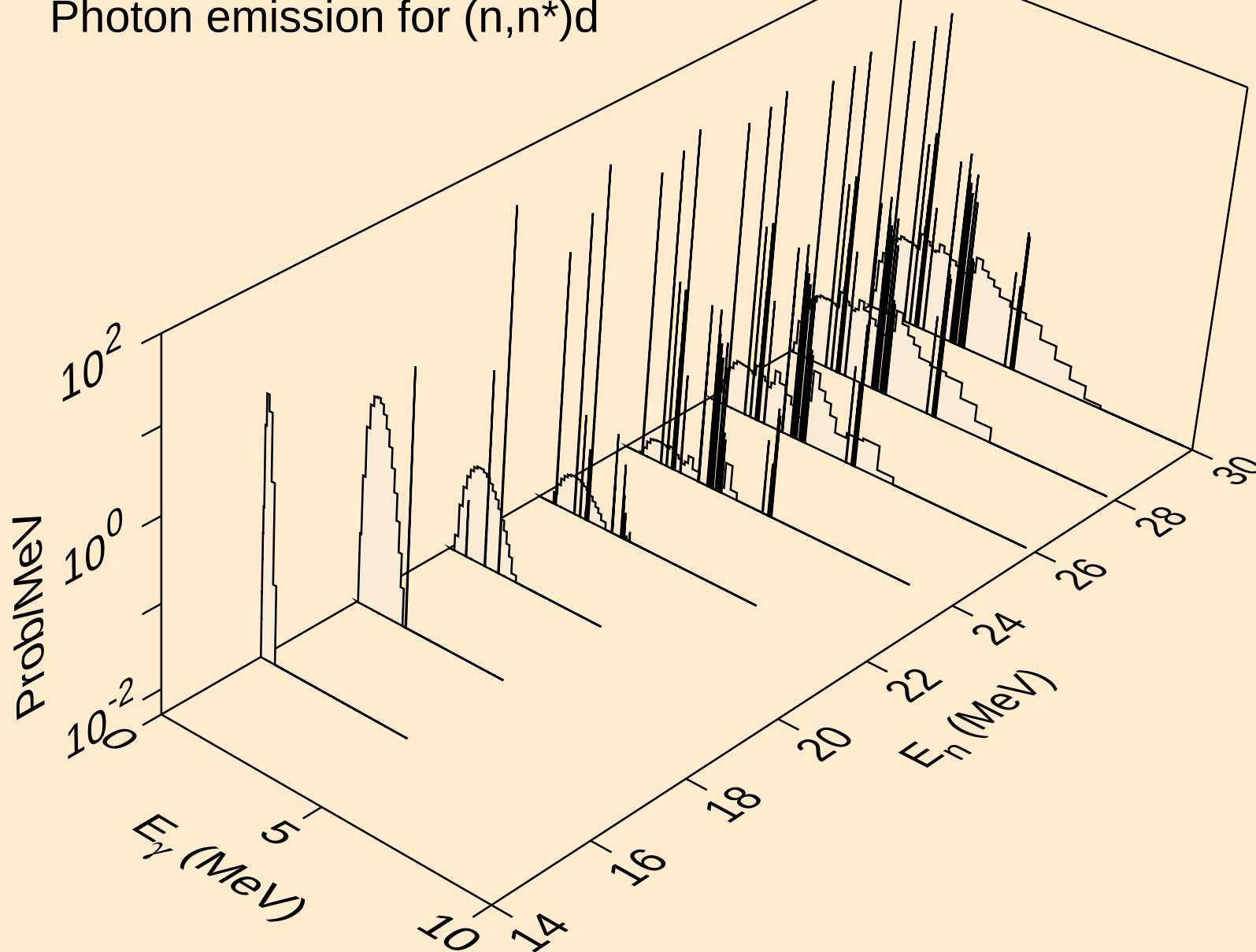
SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)p



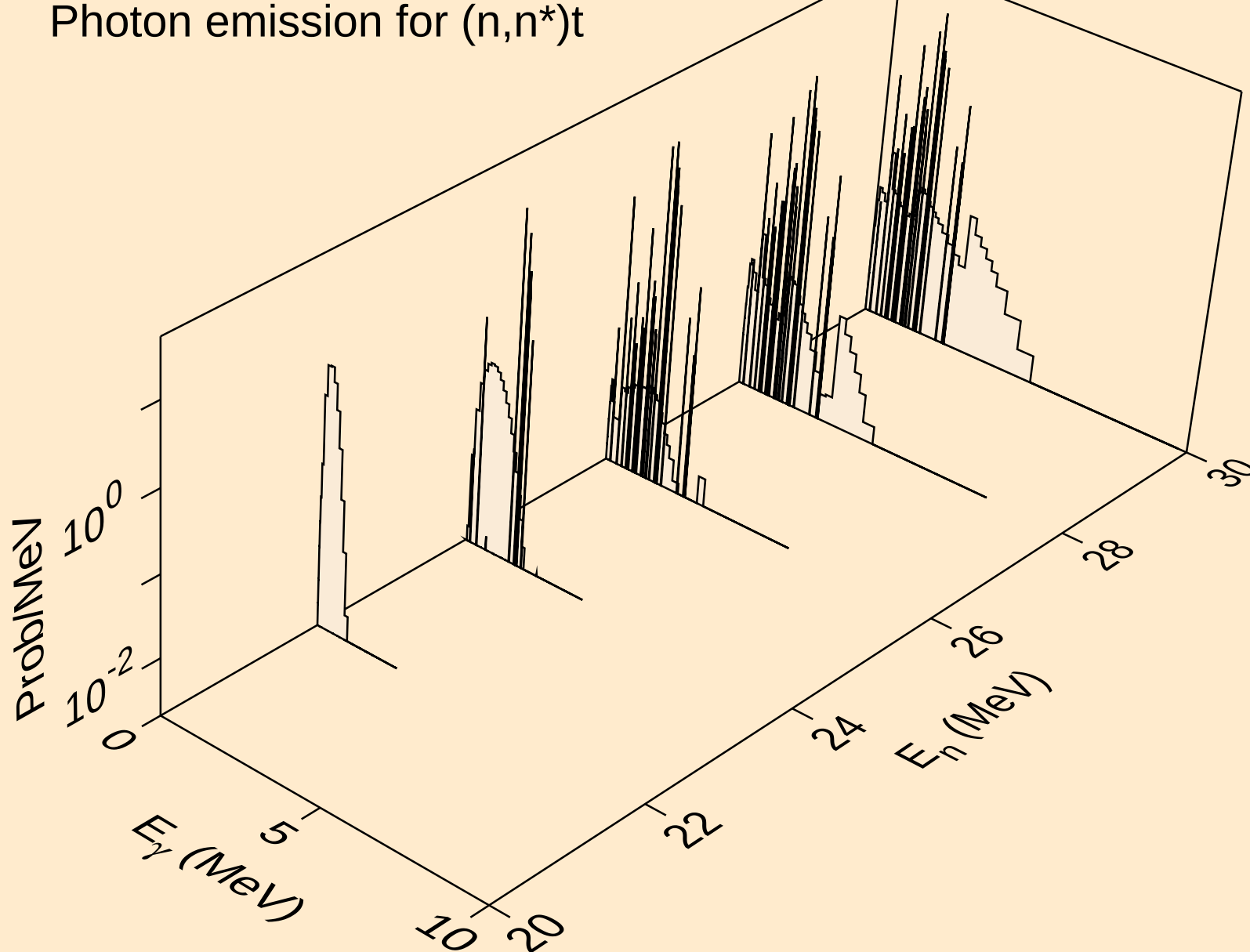
SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)d

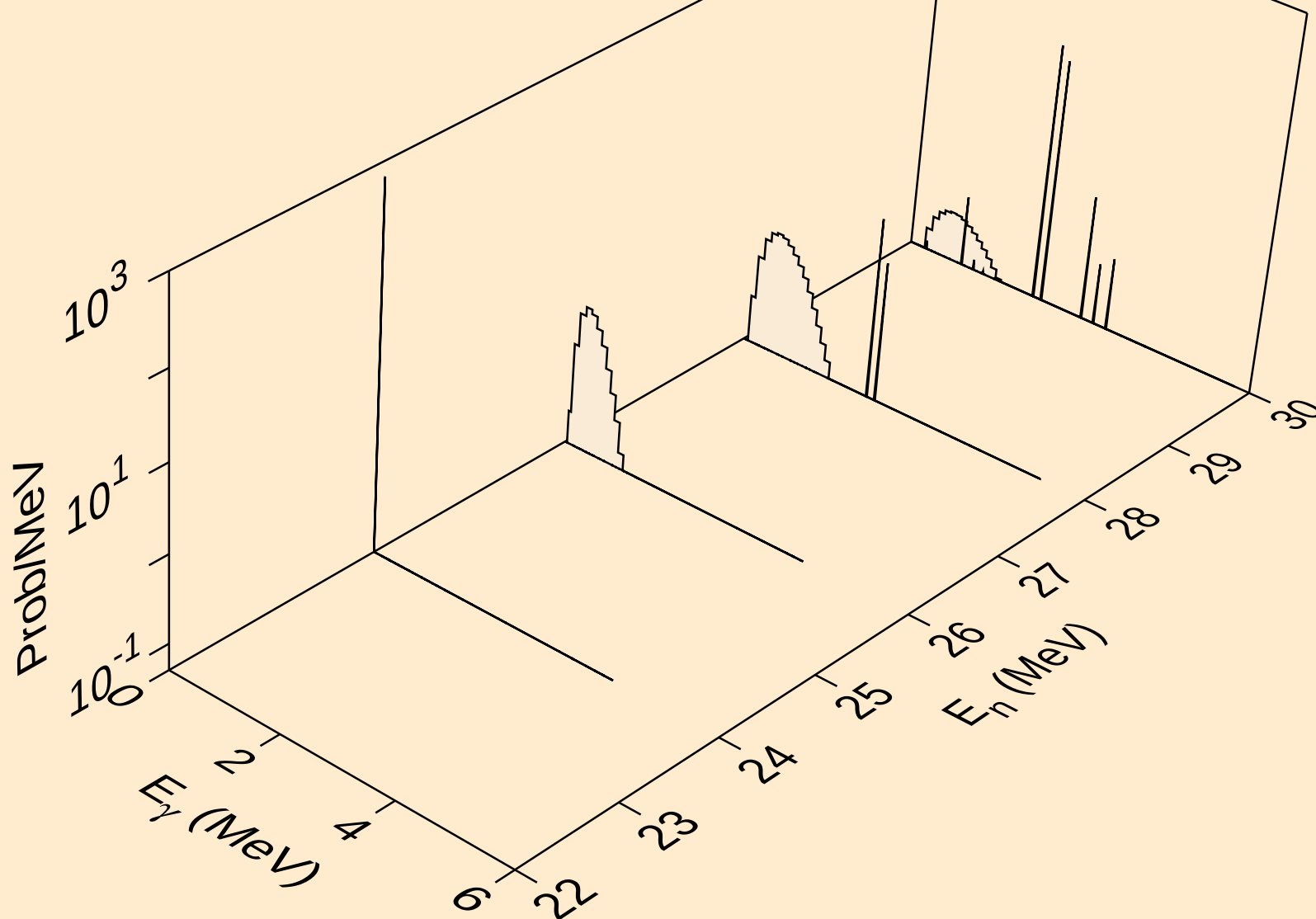


SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

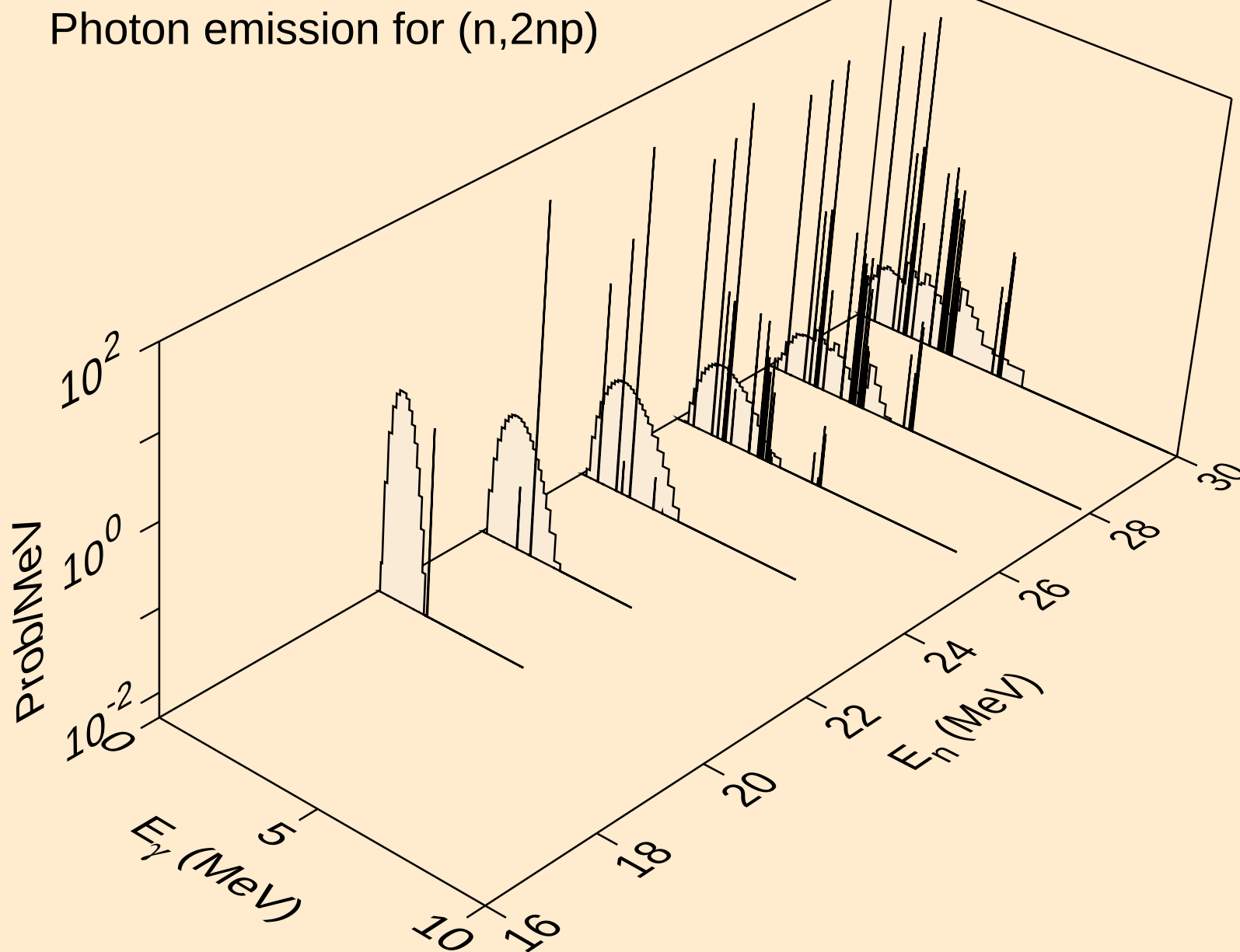
Photon emission for (n,n*)t



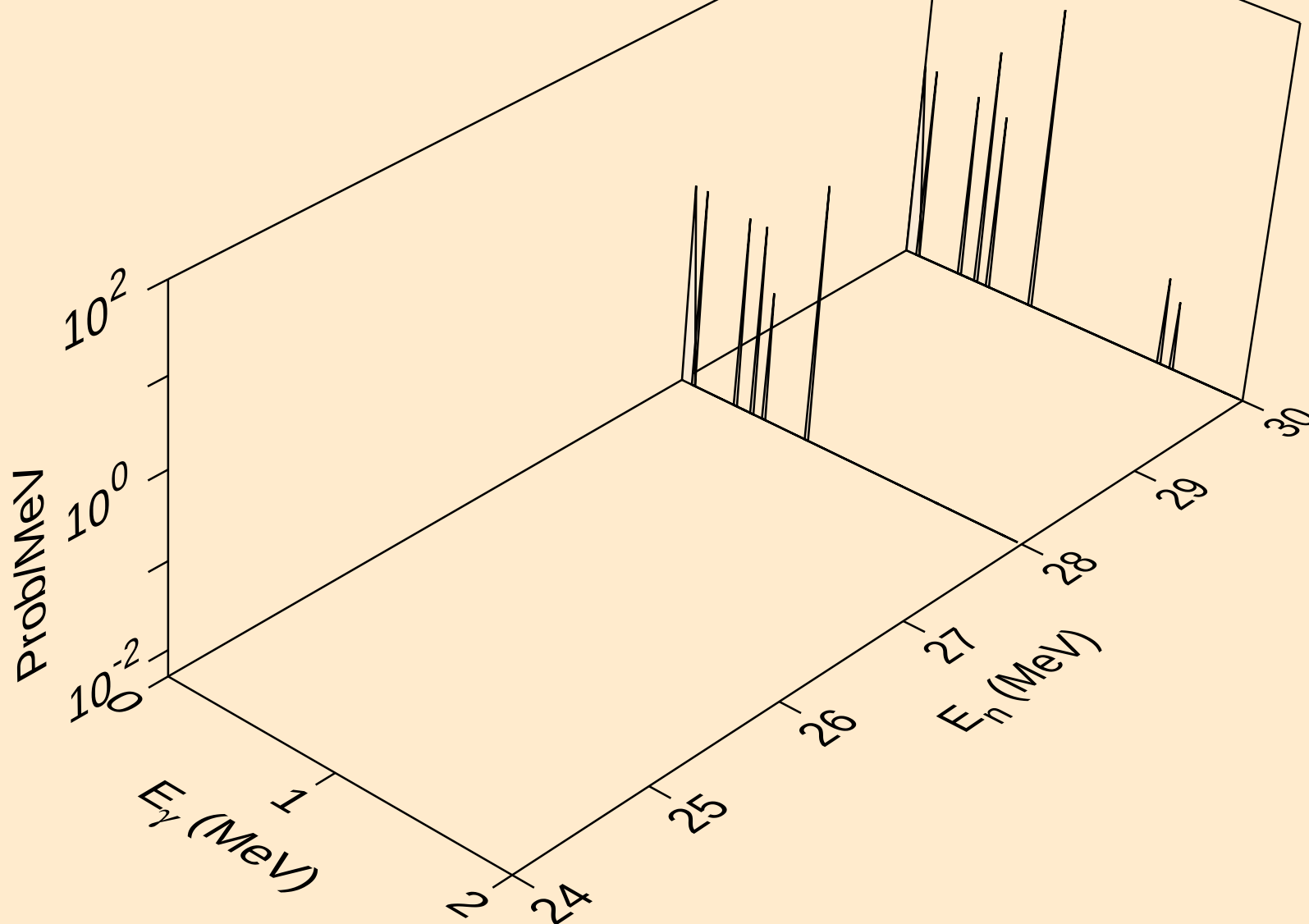
SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)he3



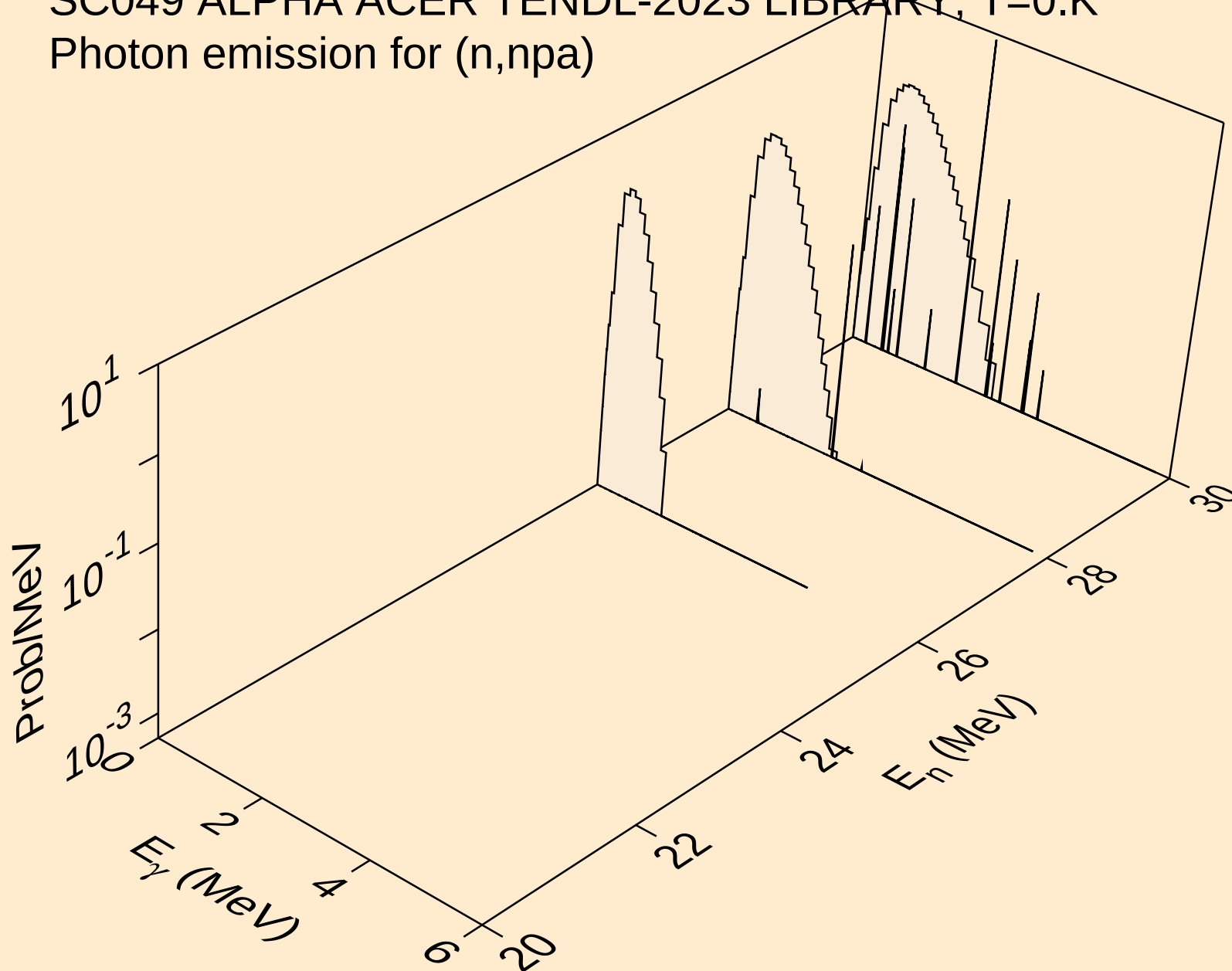
SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2np)



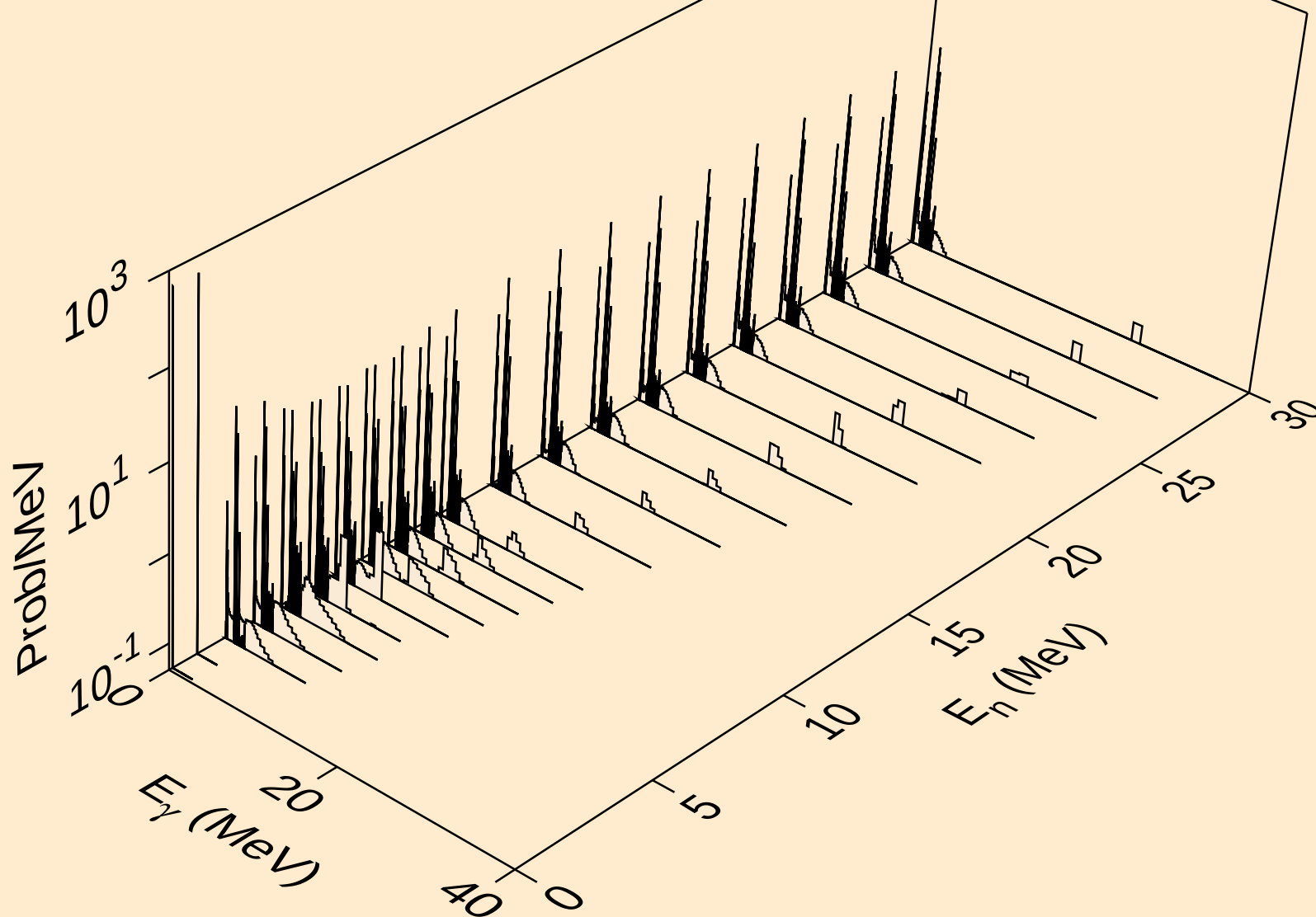
SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n2p)



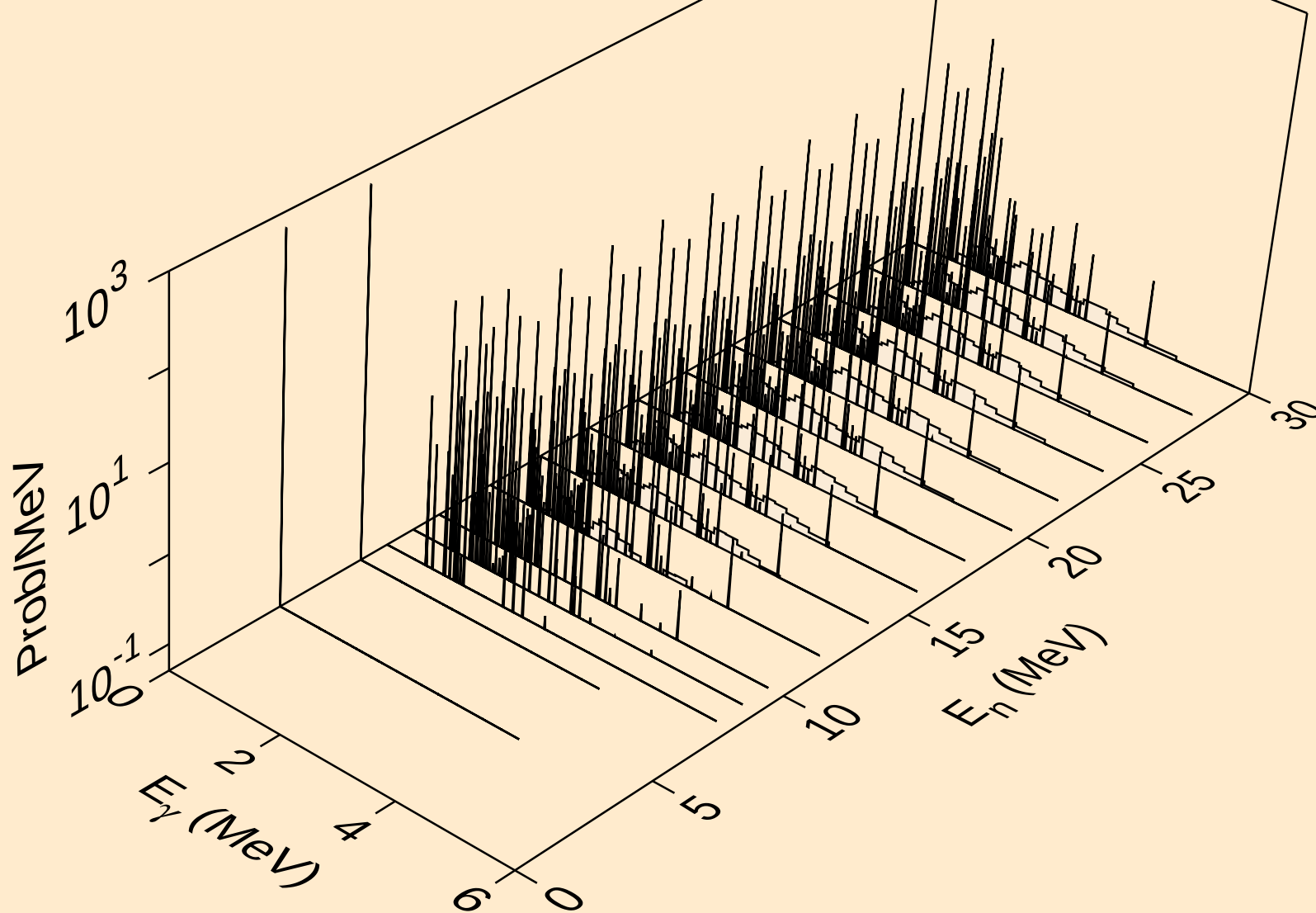
SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,npa)



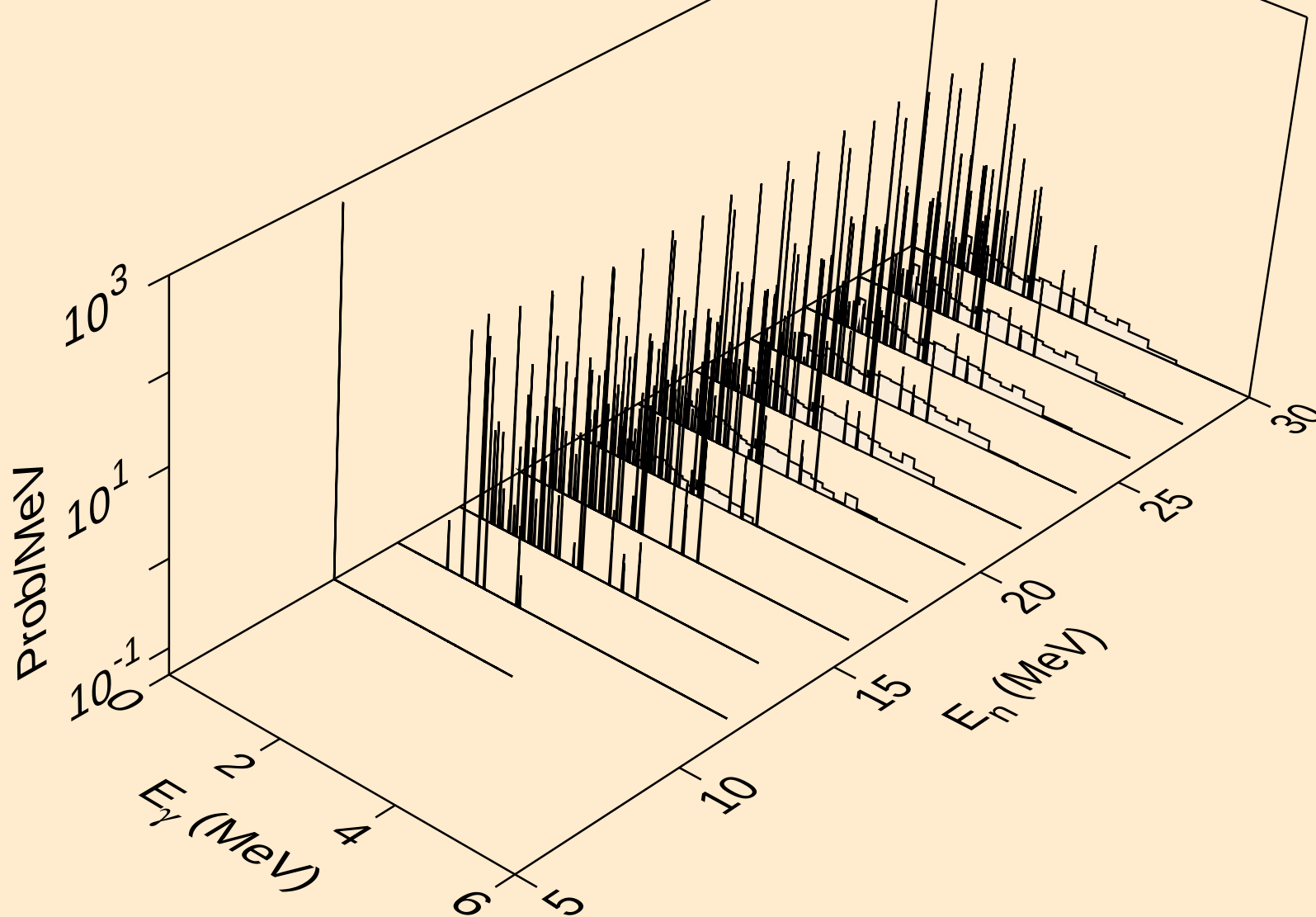
SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



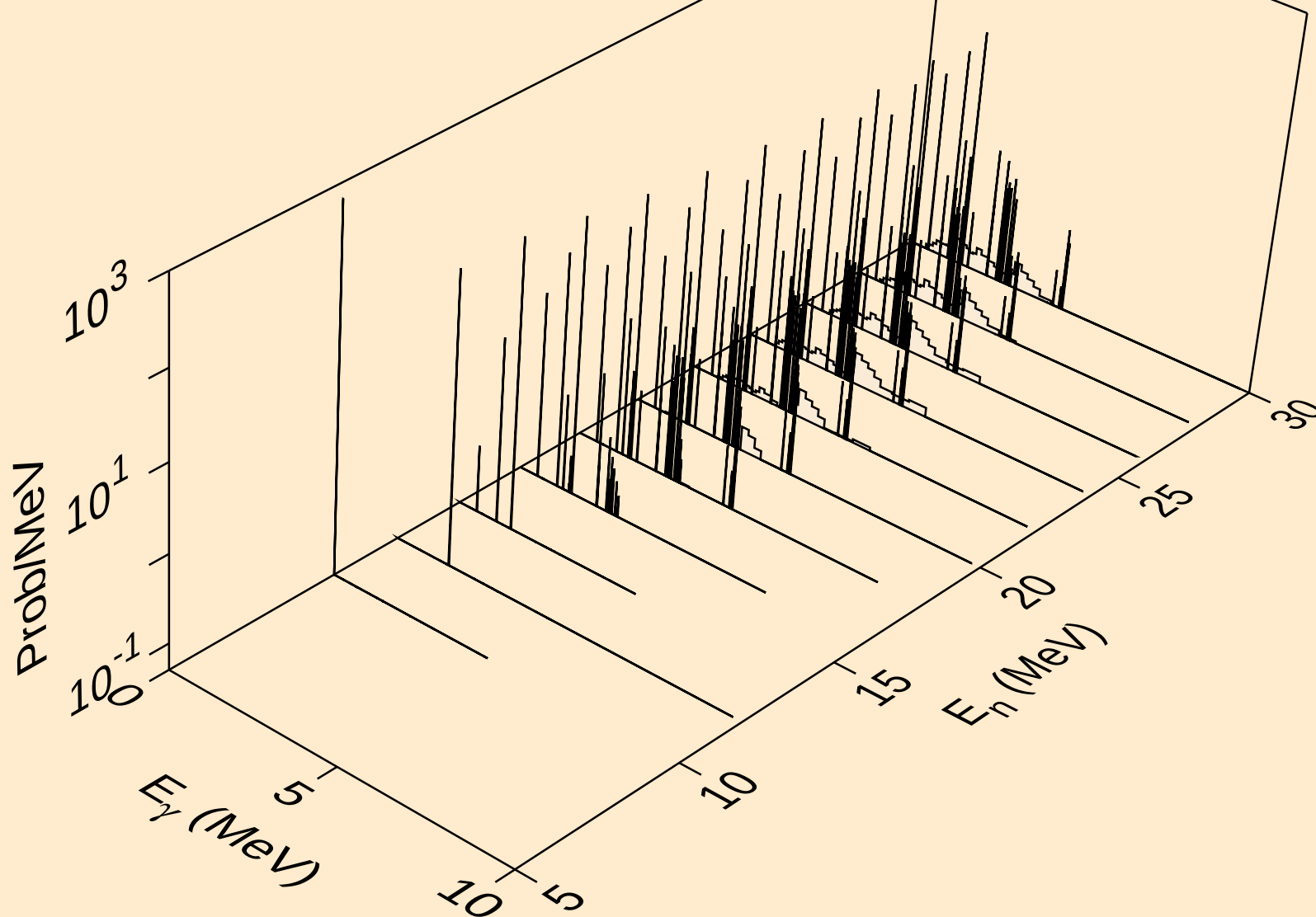
SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p)



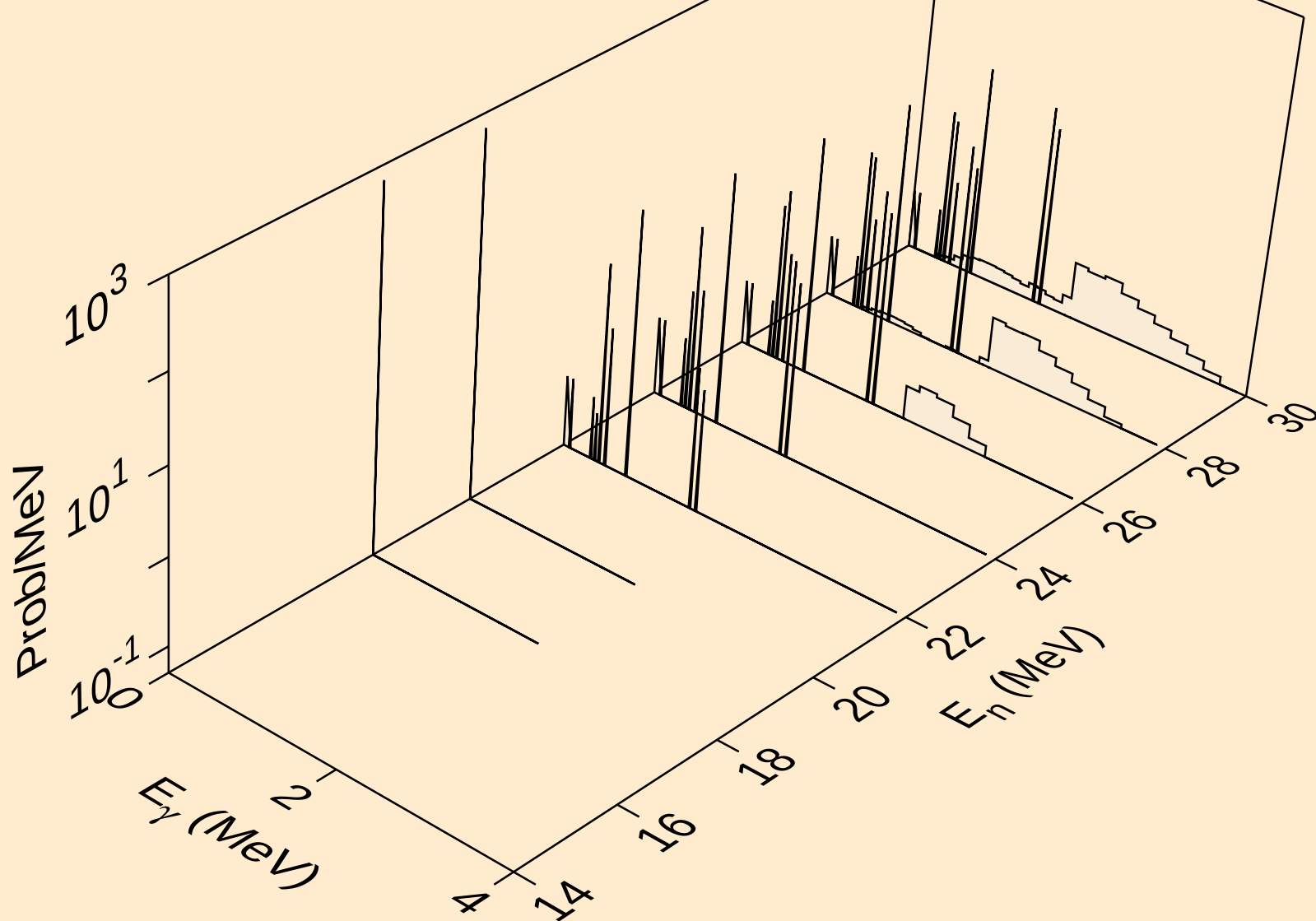
SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)



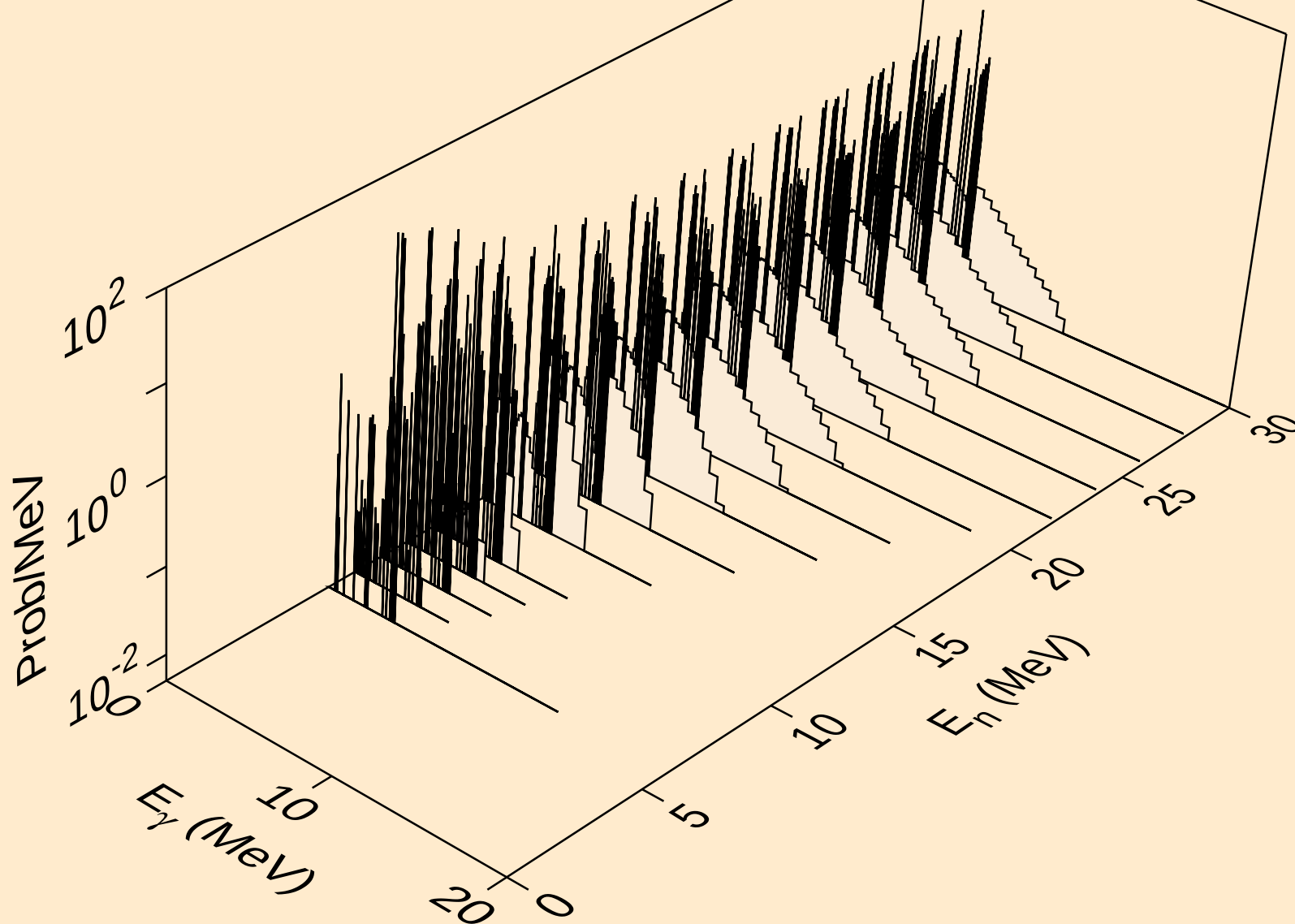
SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)



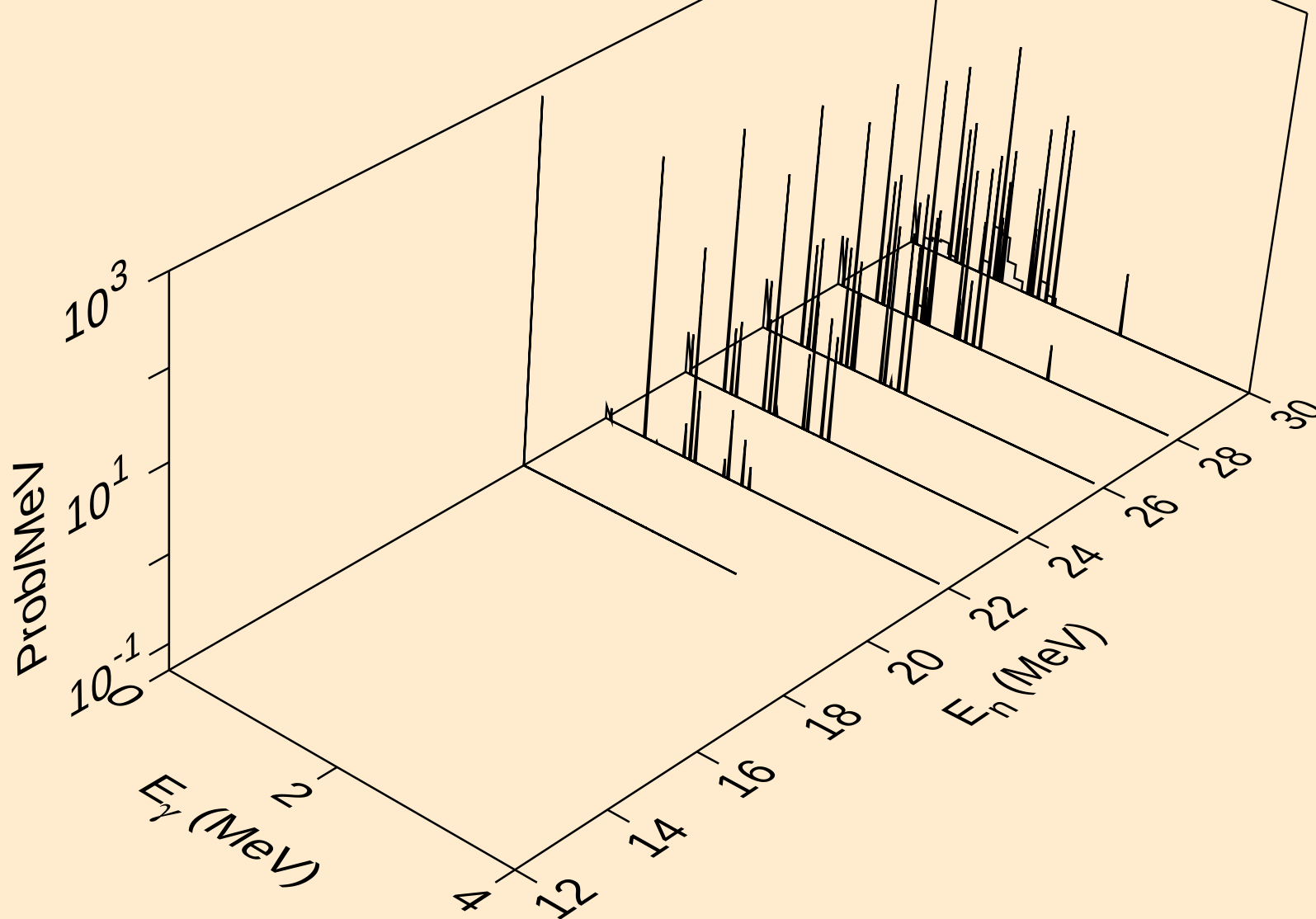
SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,he3)



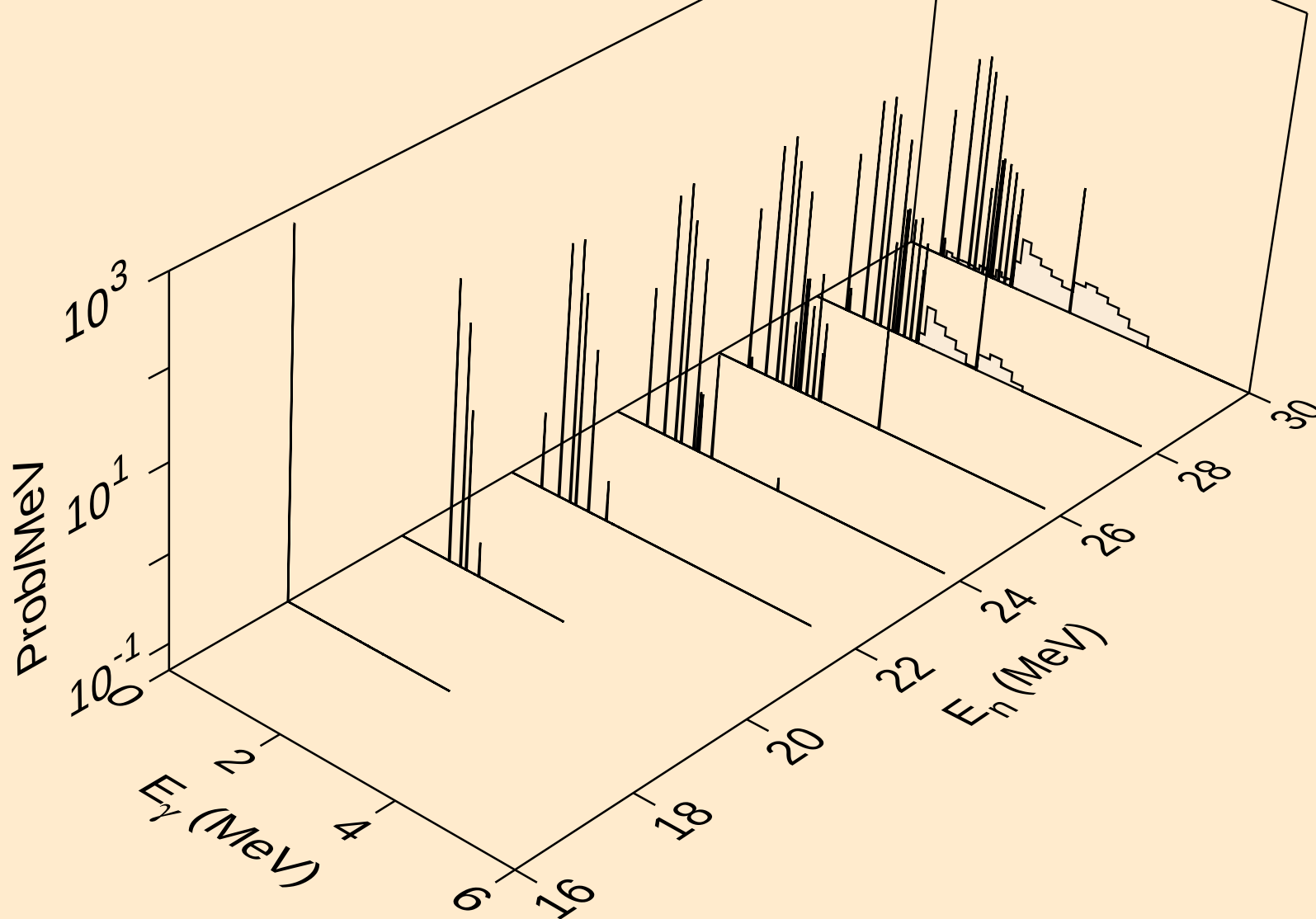
SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for inelastic



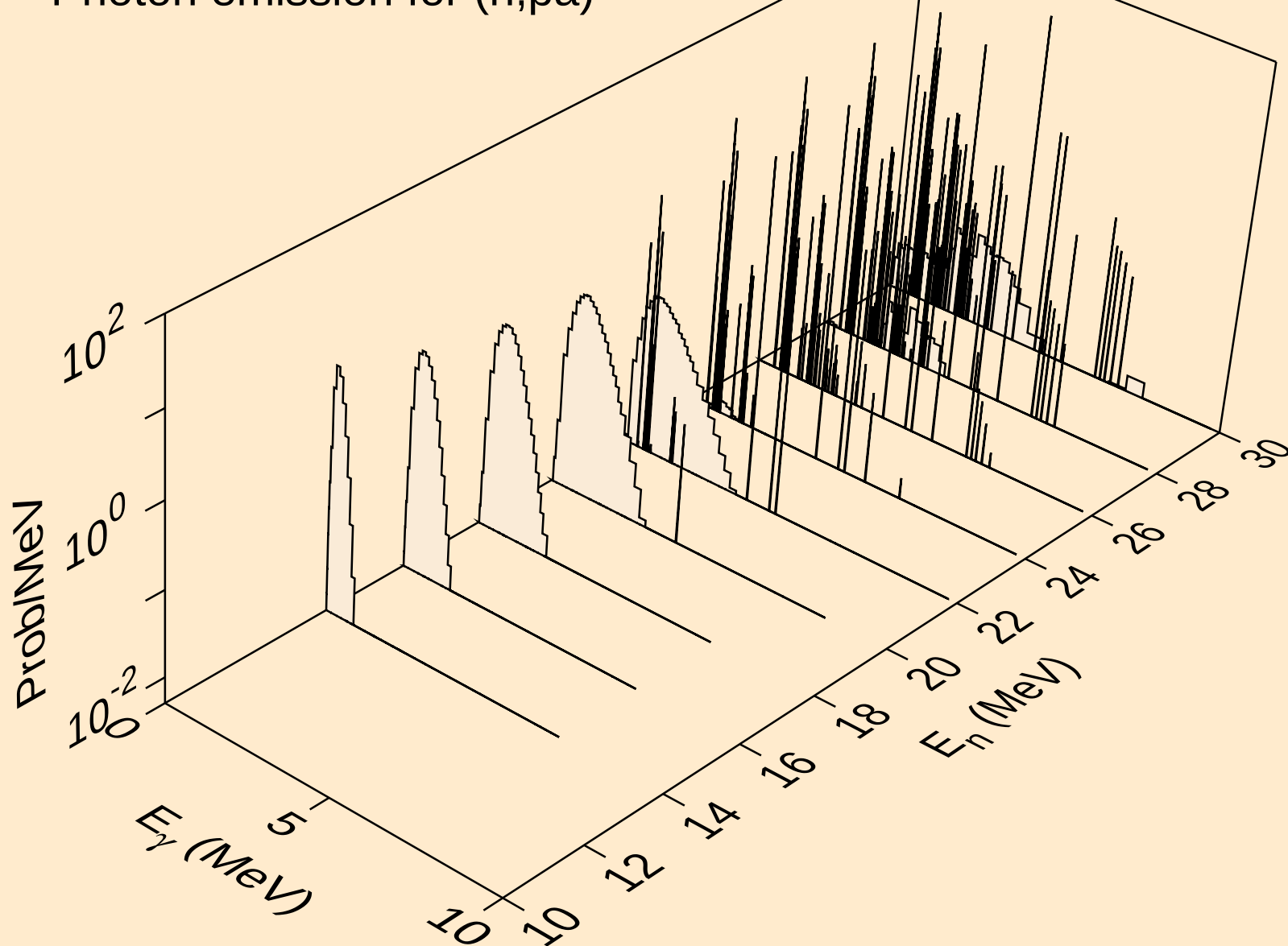
SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2a)



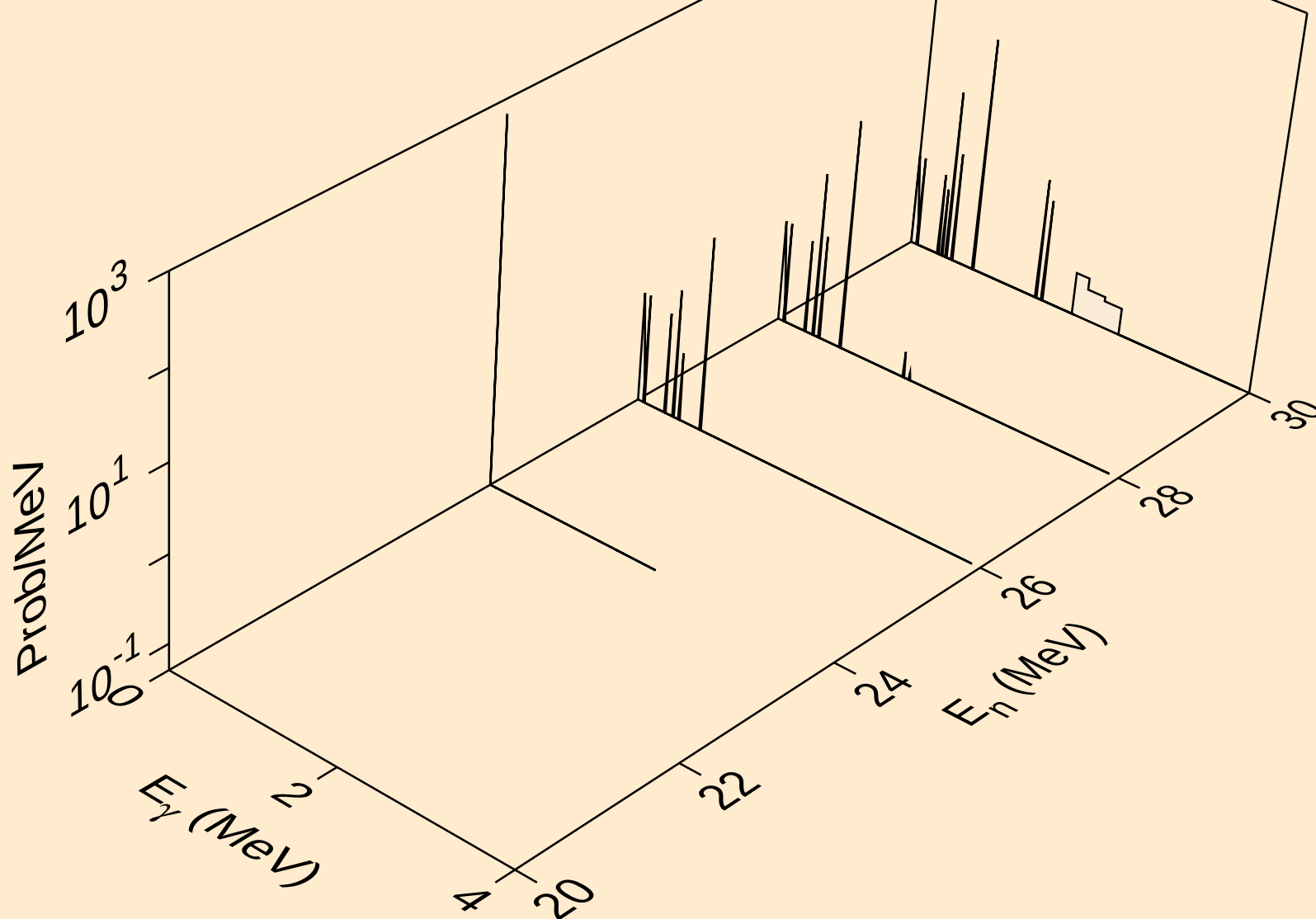
SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2p)



SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pa)

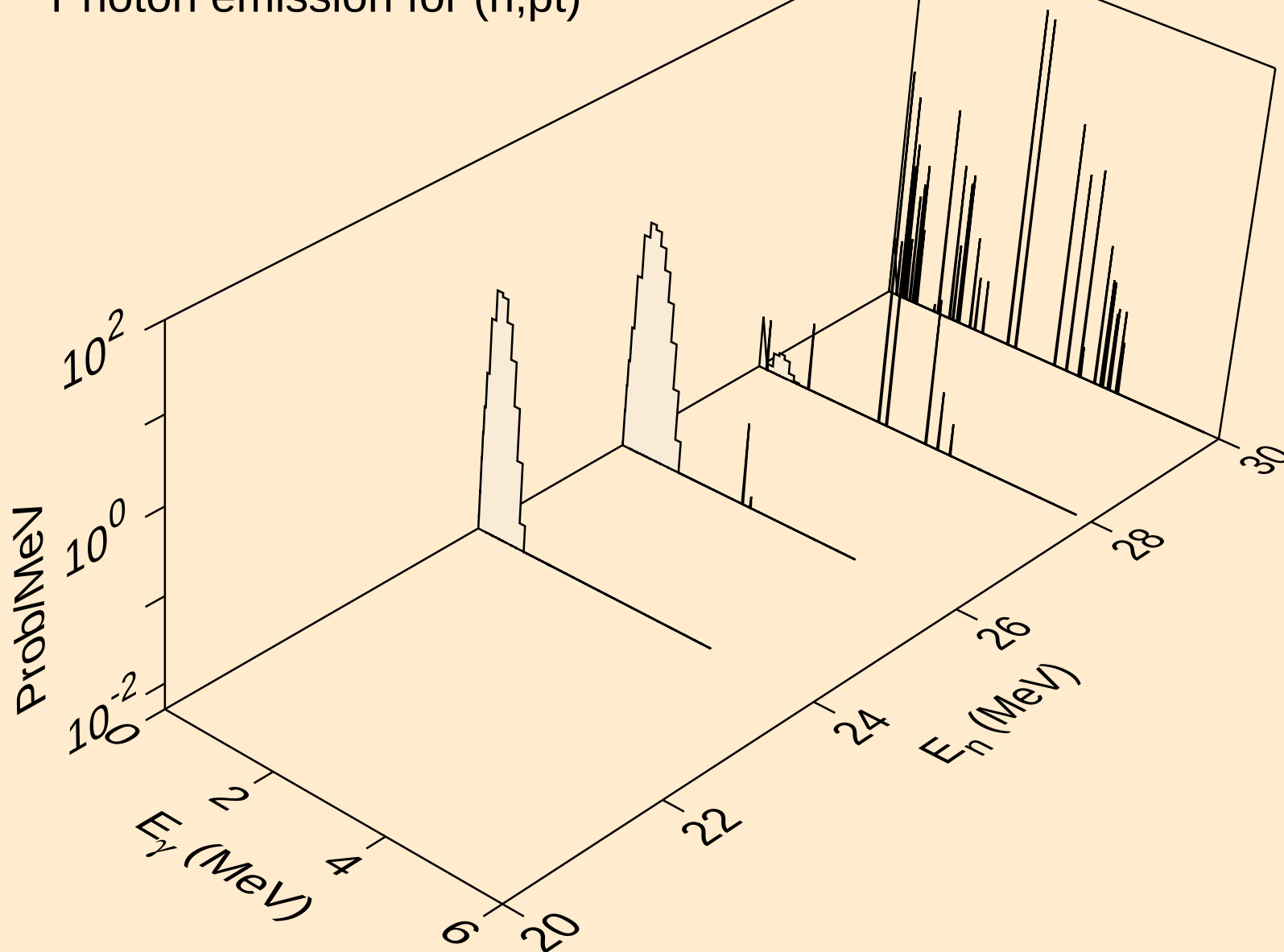


SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pd)

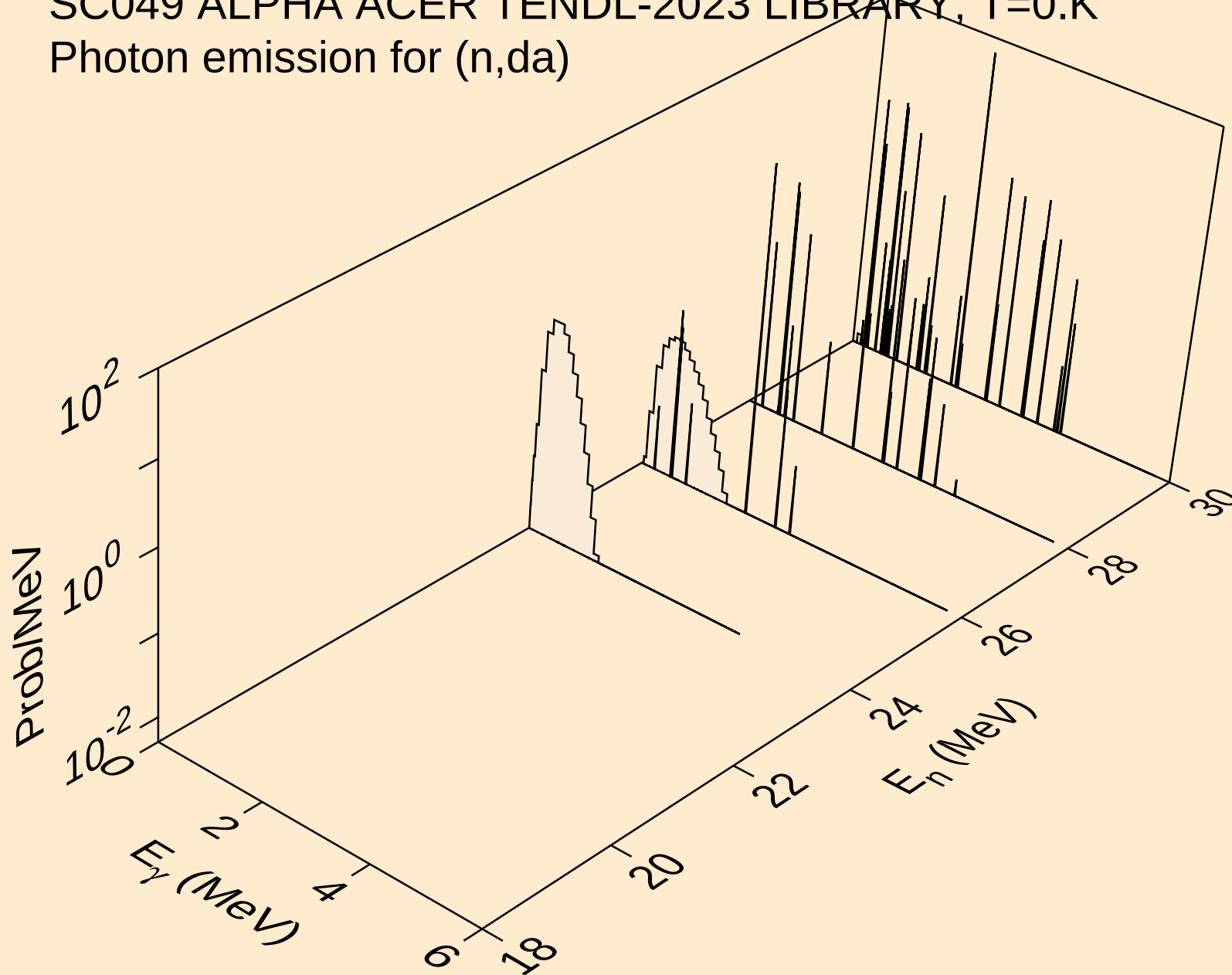


SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,pt)

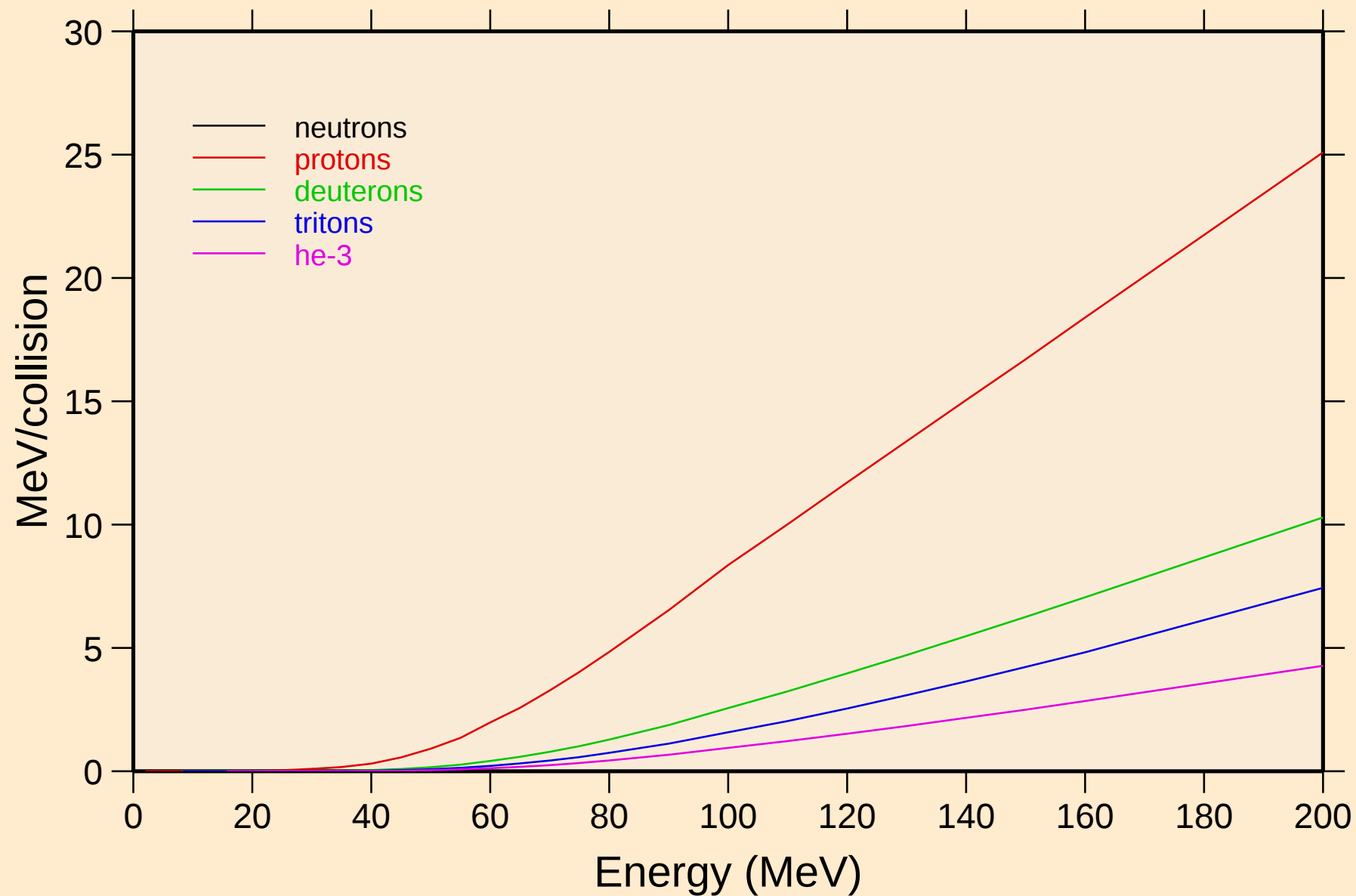


SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,da)



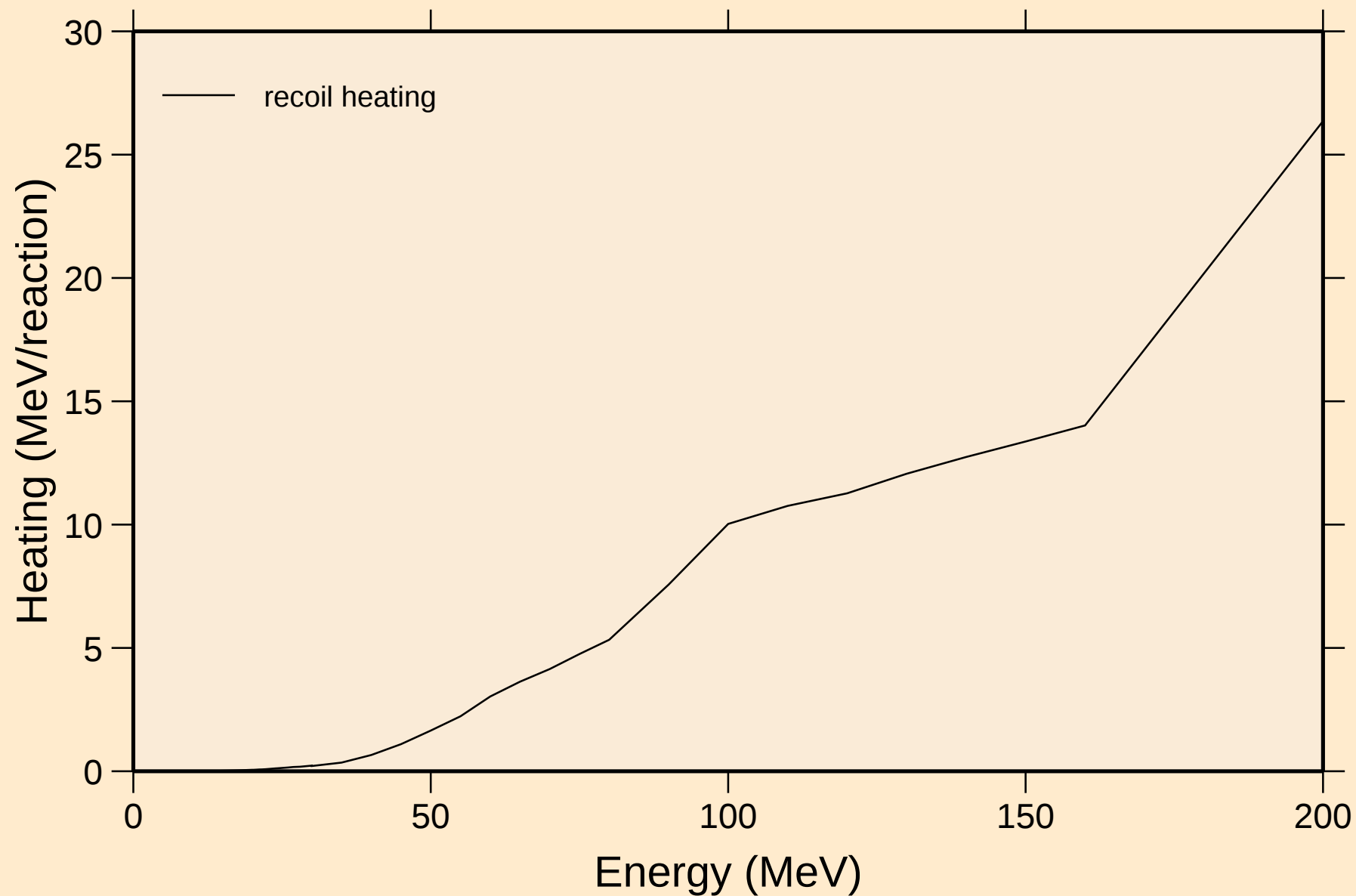
SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Particle heating contributions



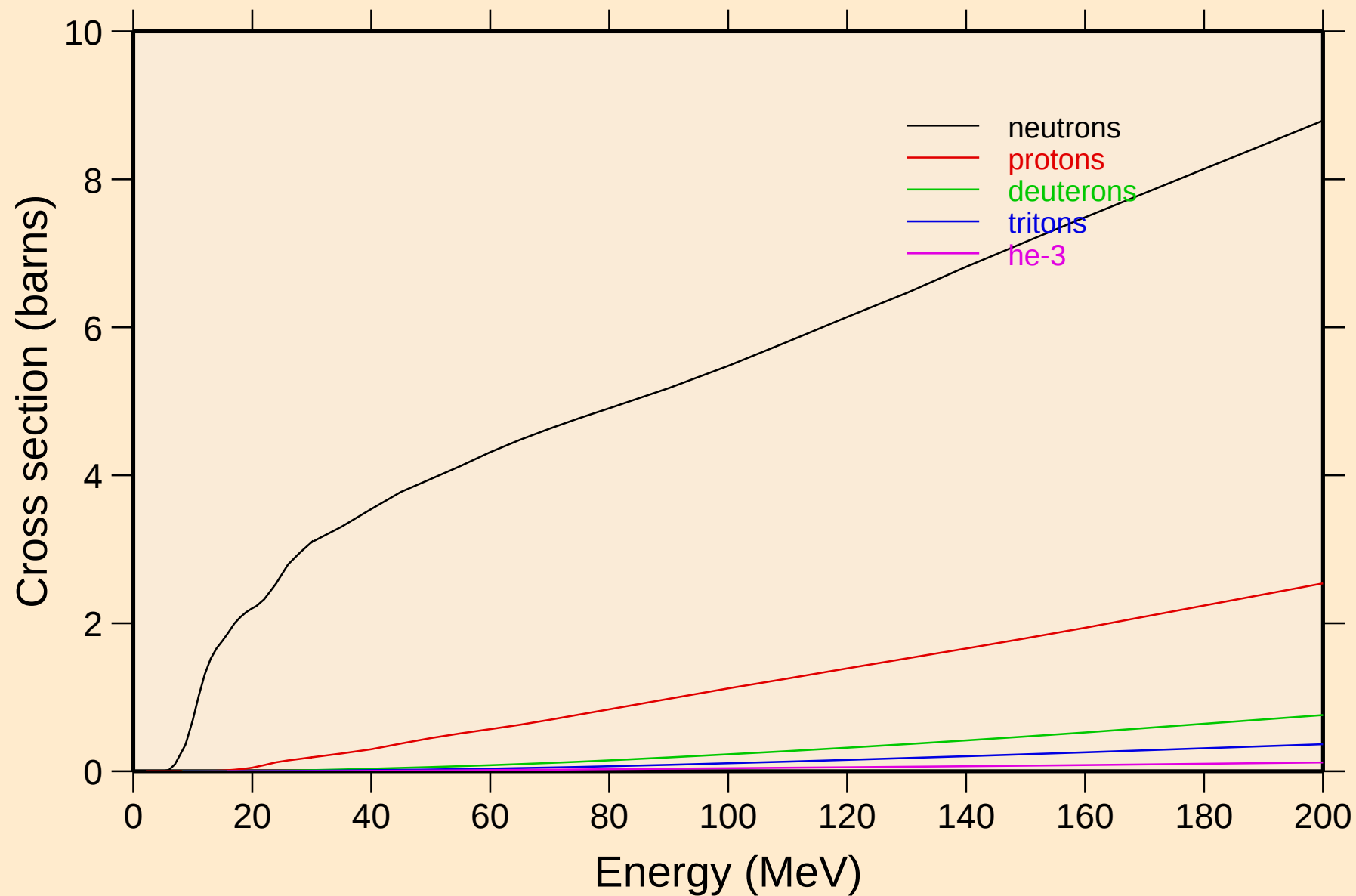
SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Recoil Heating

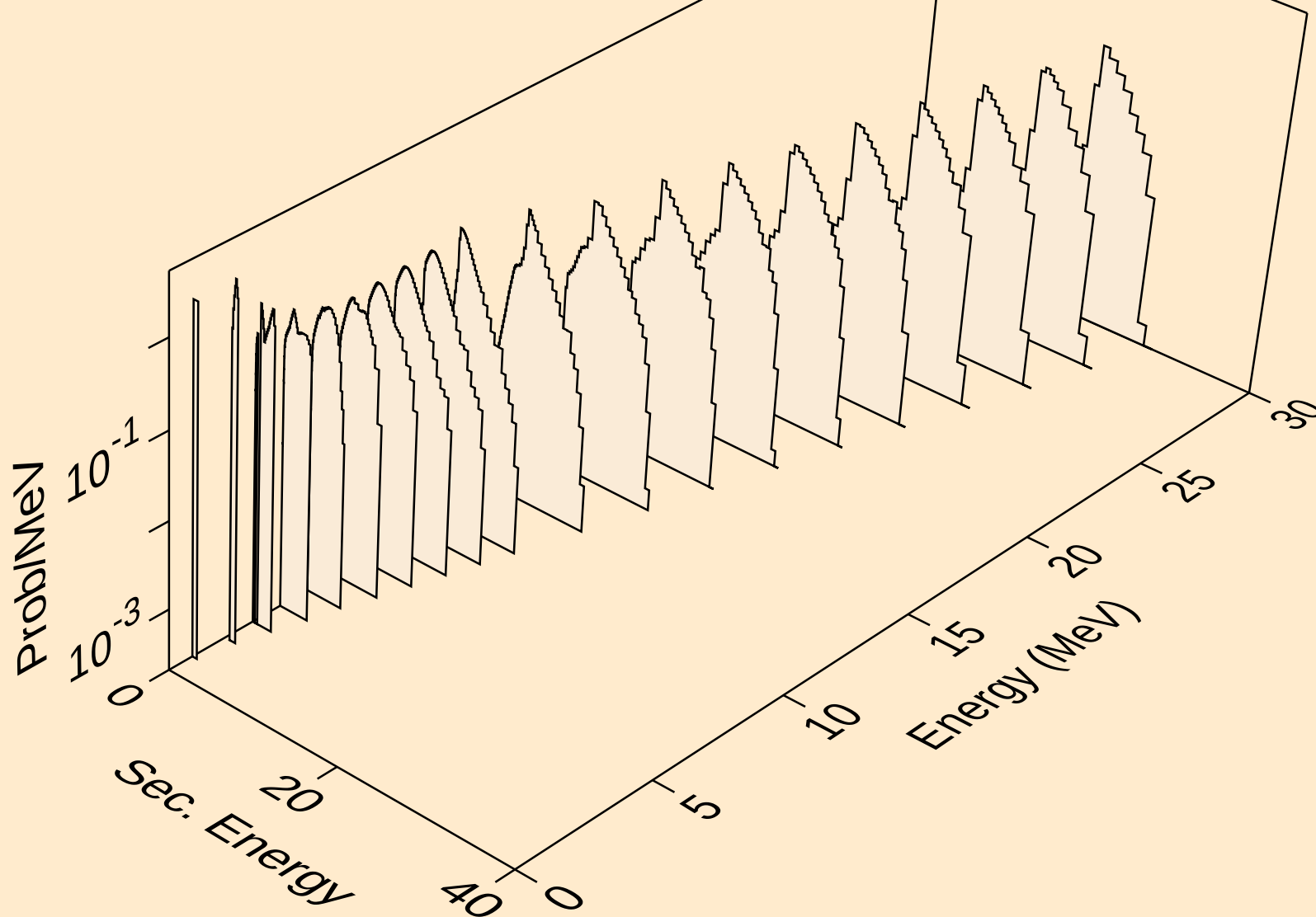


SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

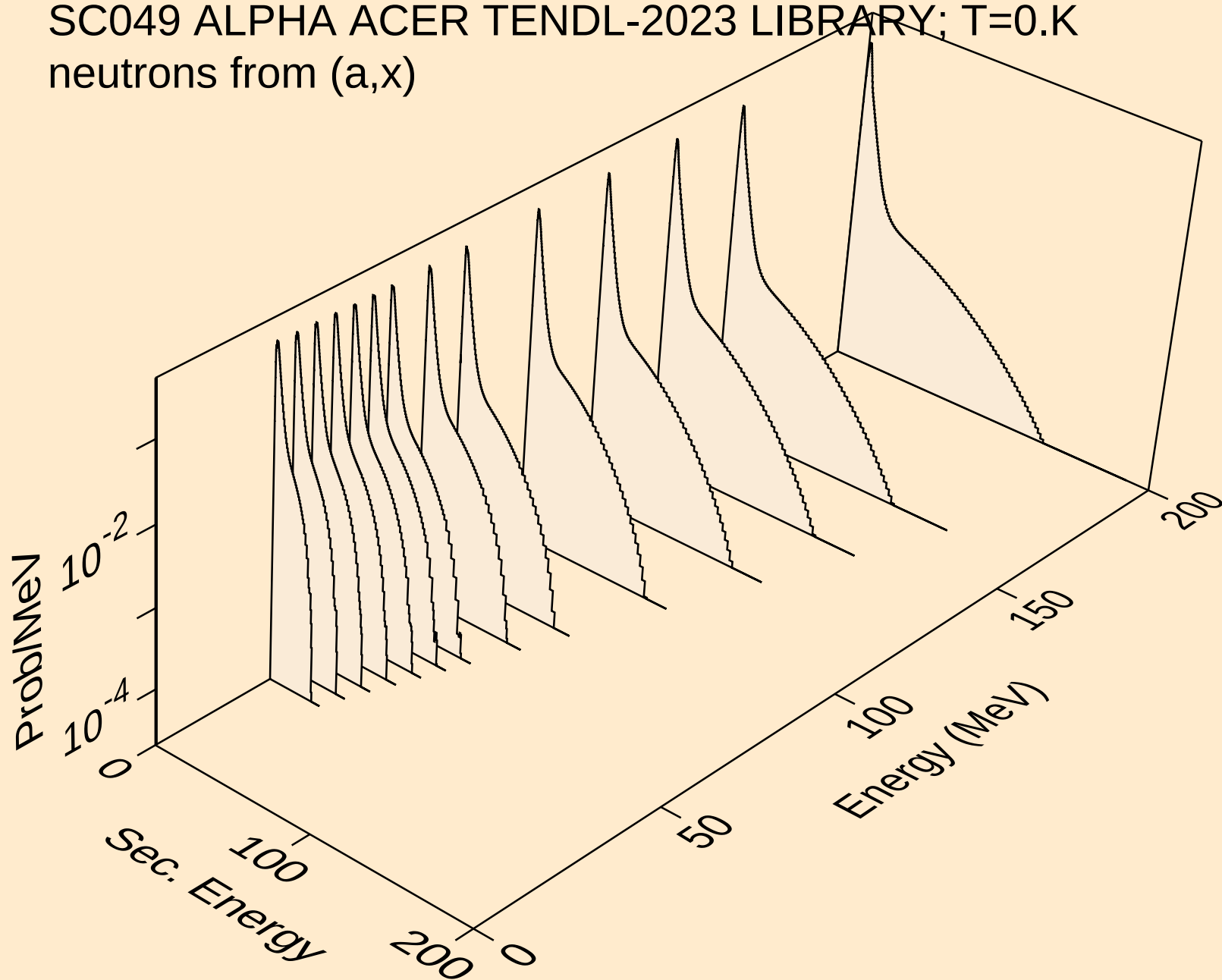
Particle production cross sections



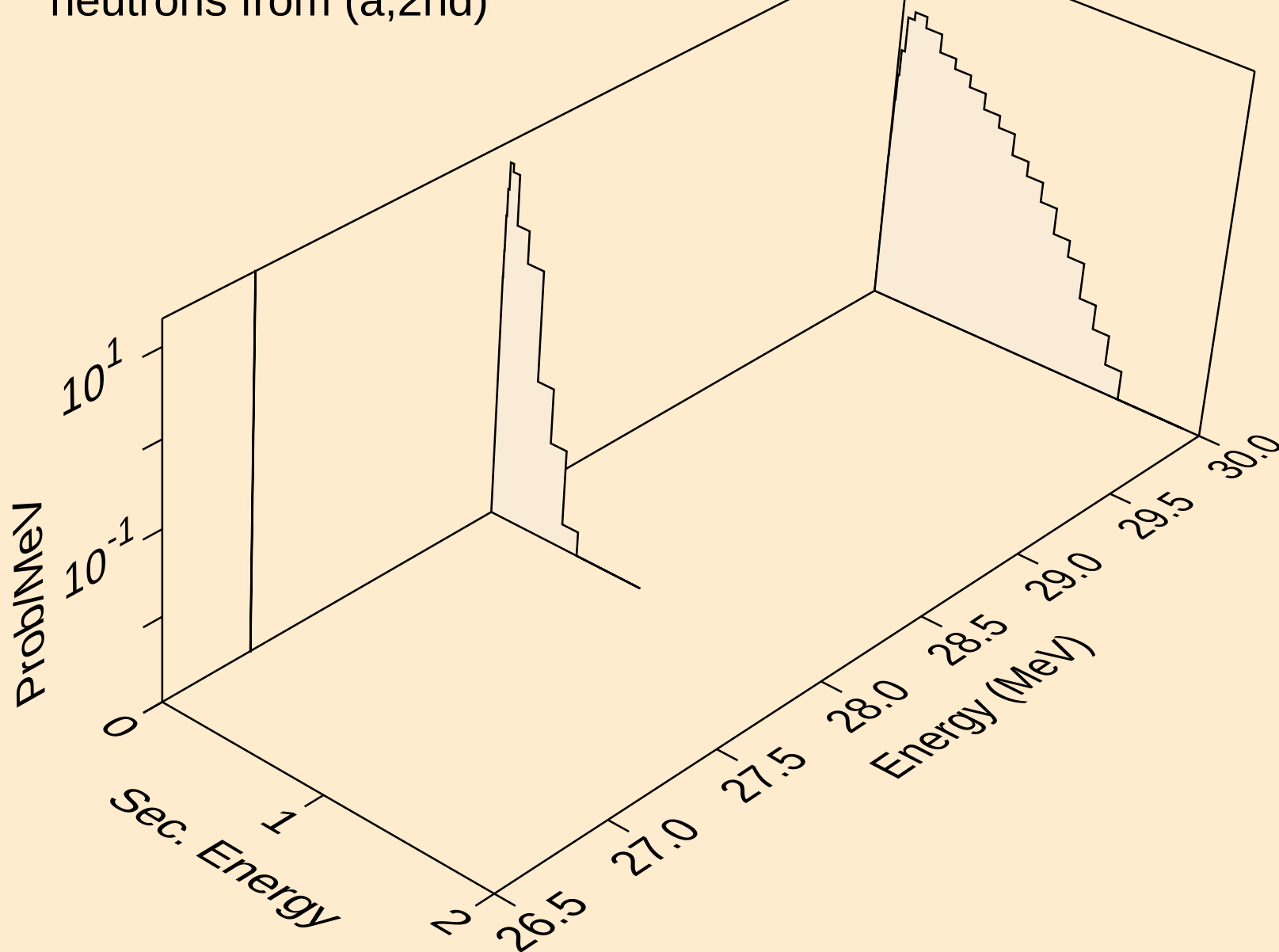
SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n)



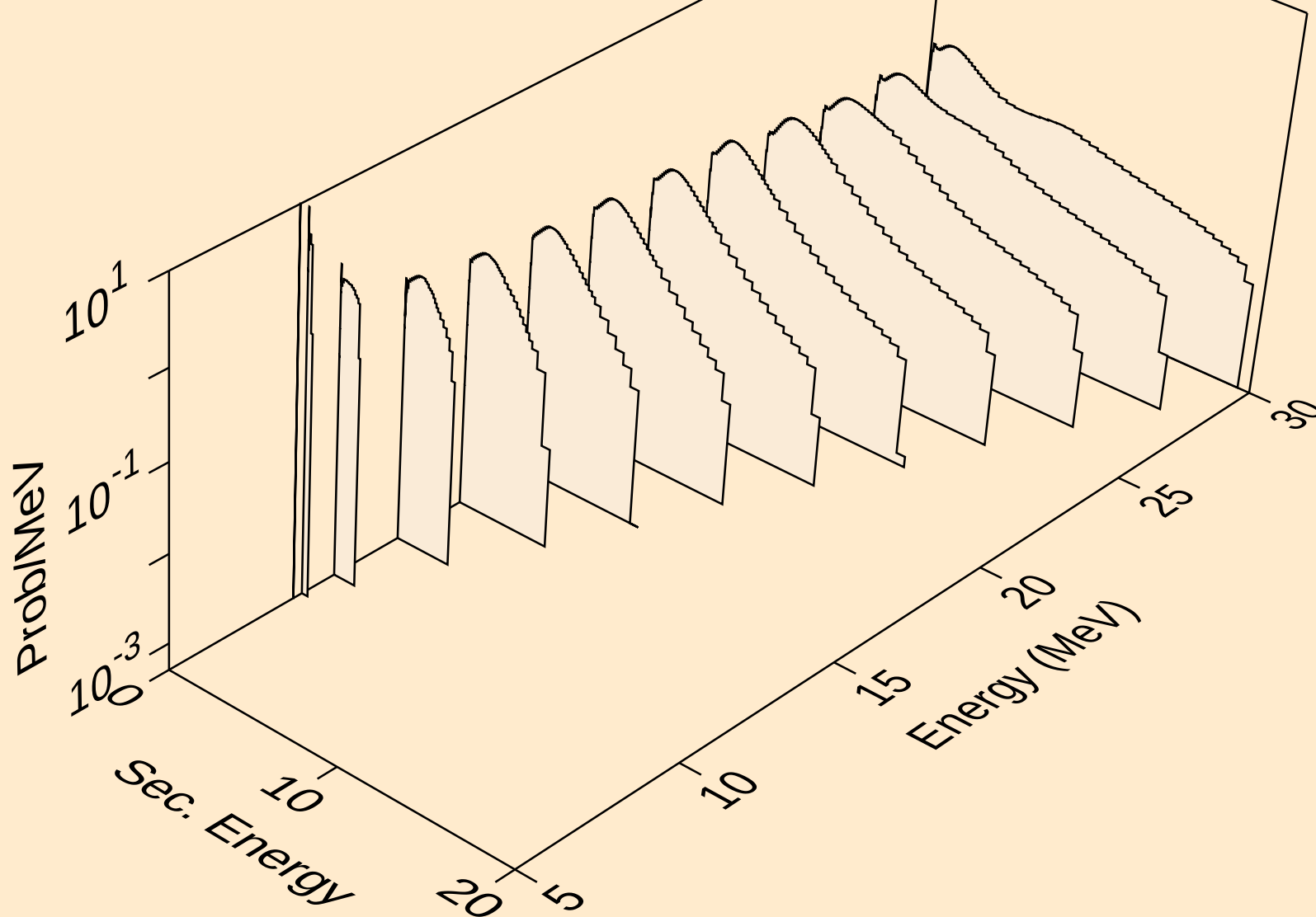
SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,x)



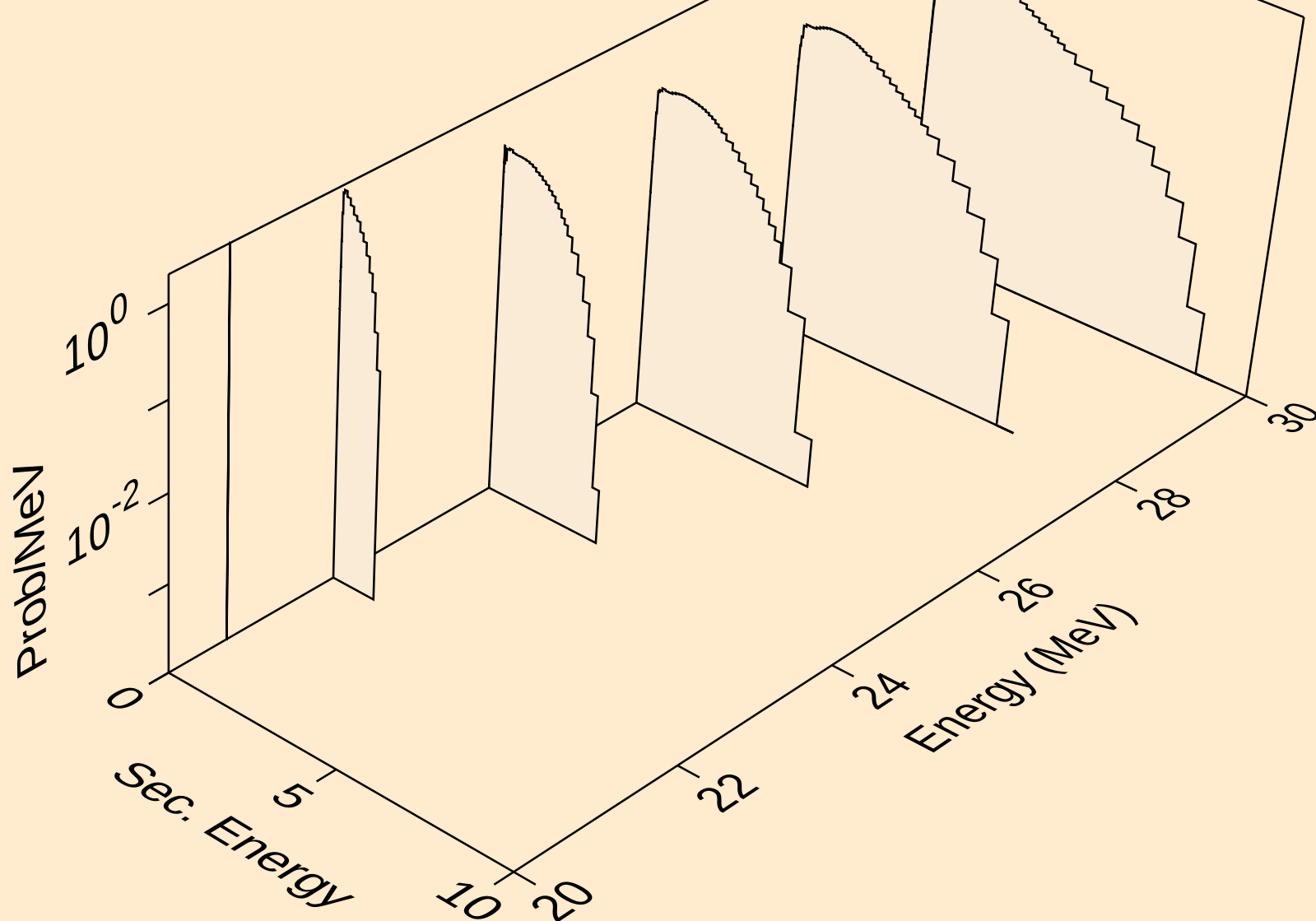
SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,2nd)



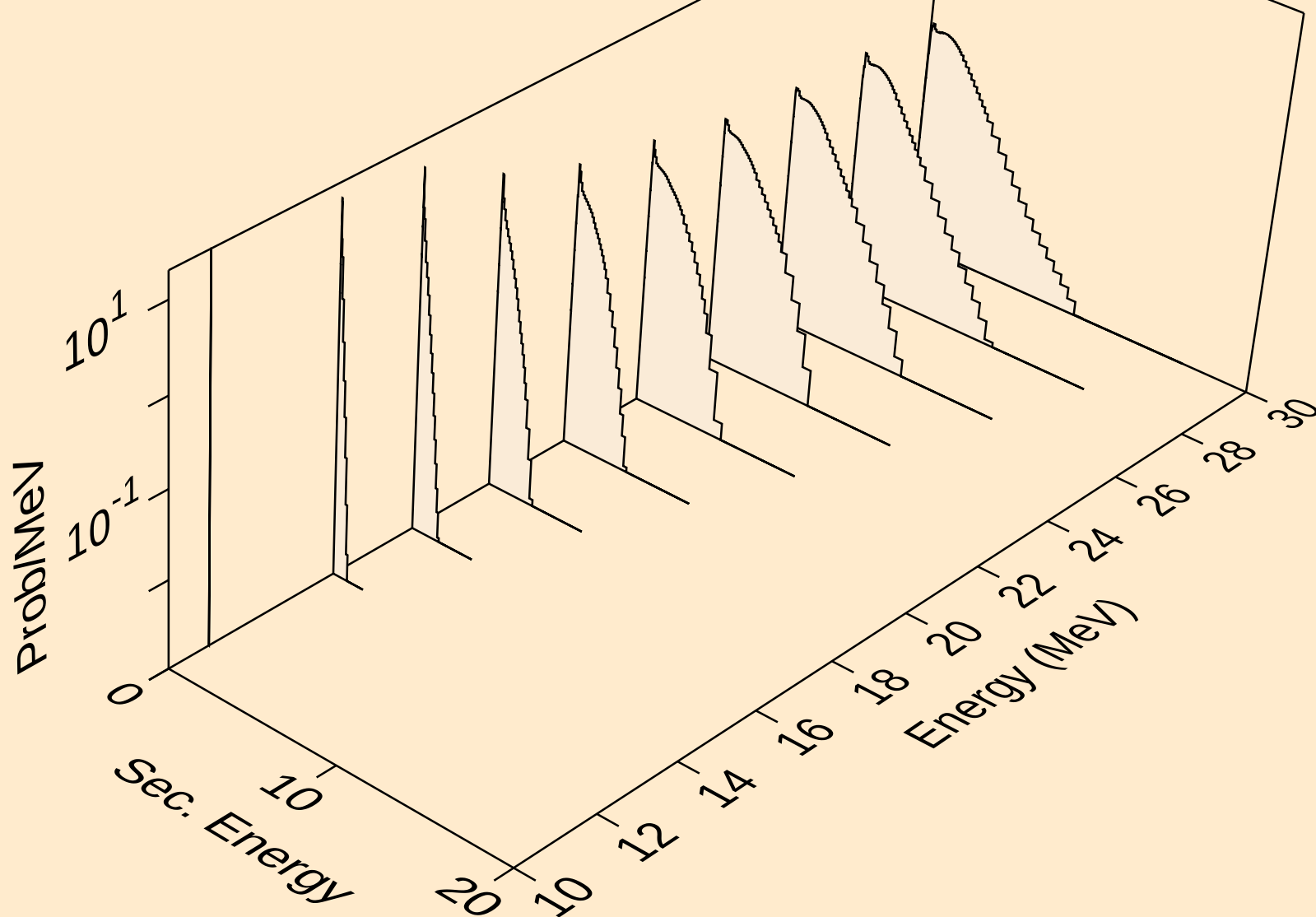
SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,2n)



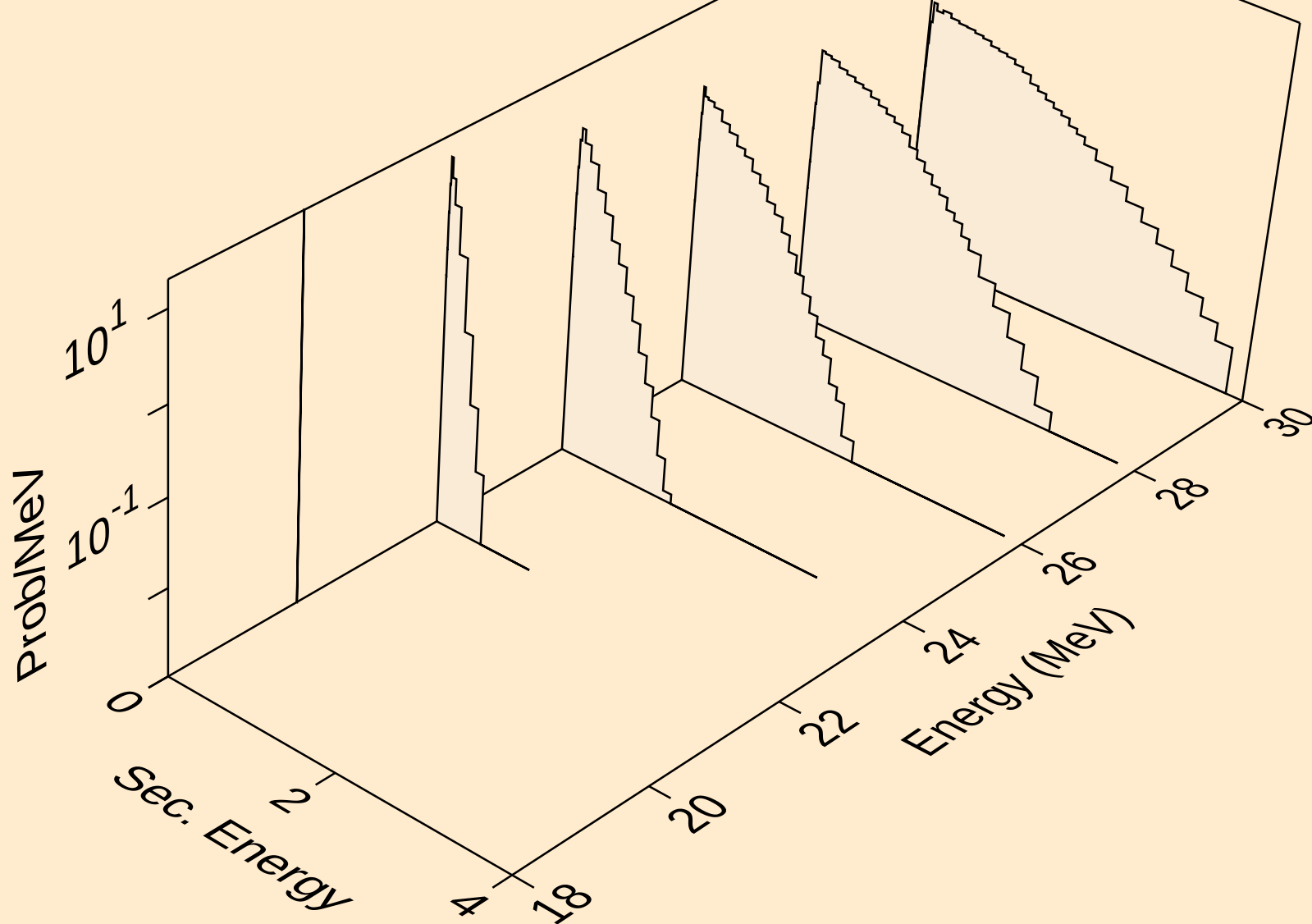
SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,3n)



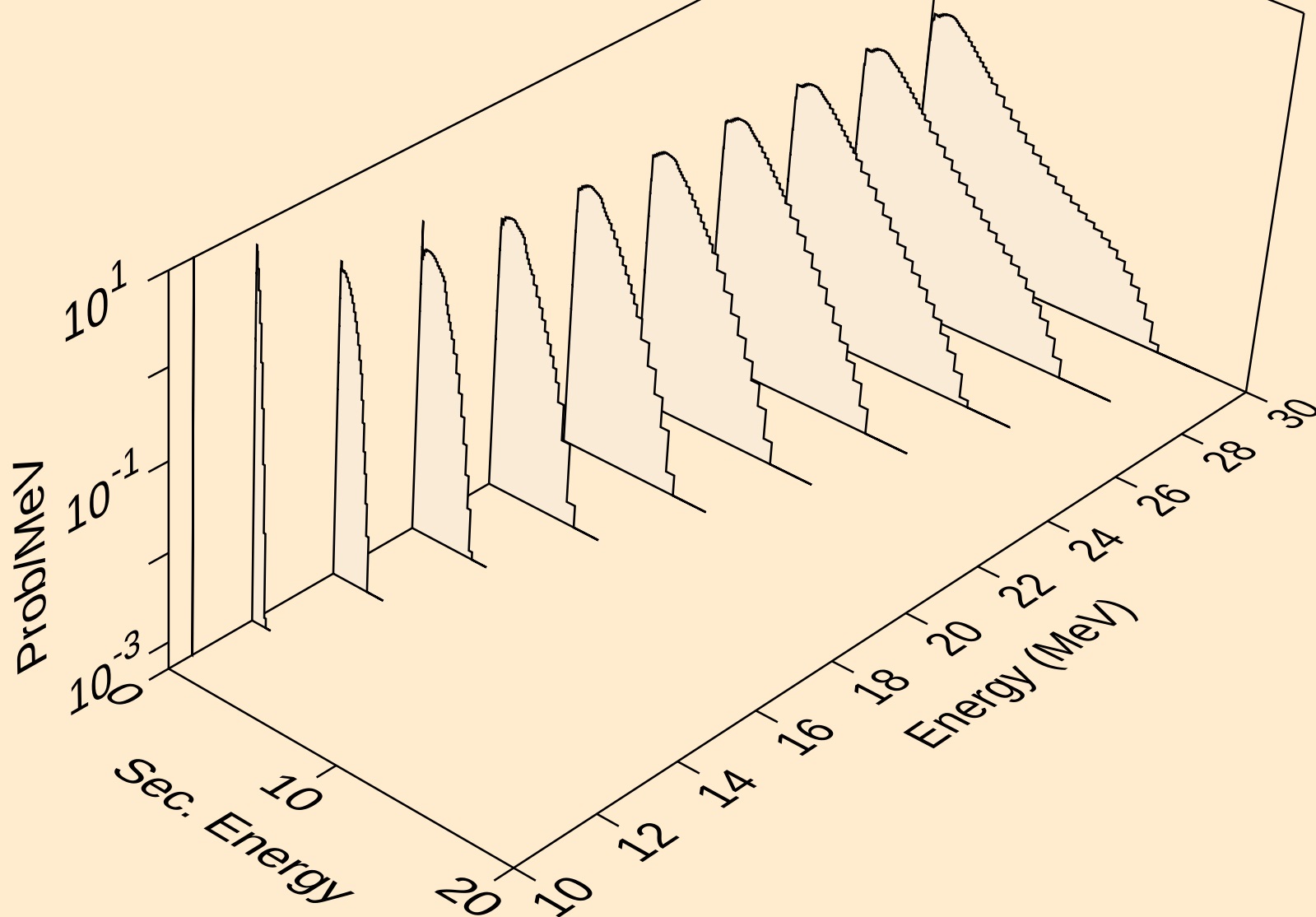
SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n*)a



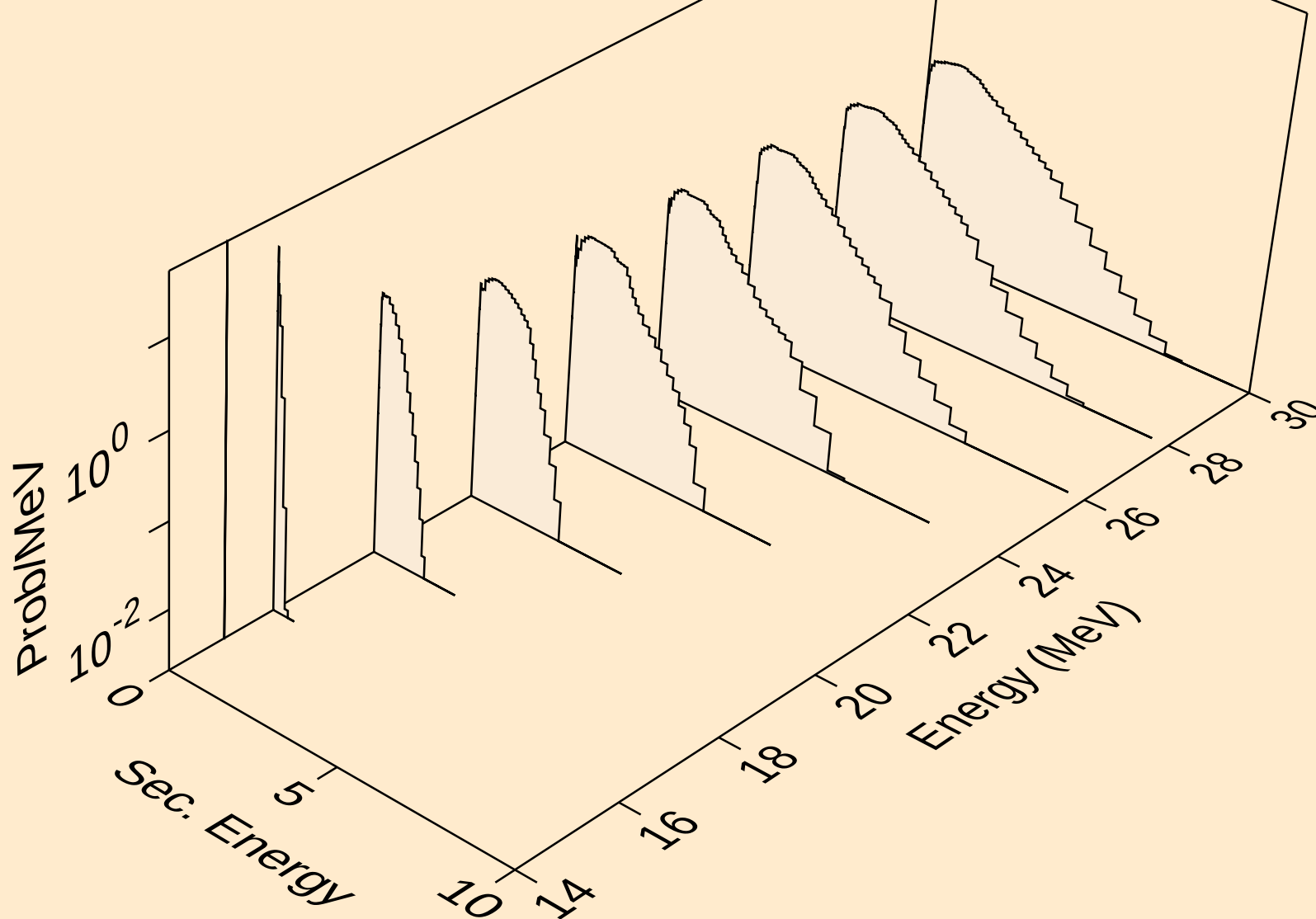
SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,2n)a



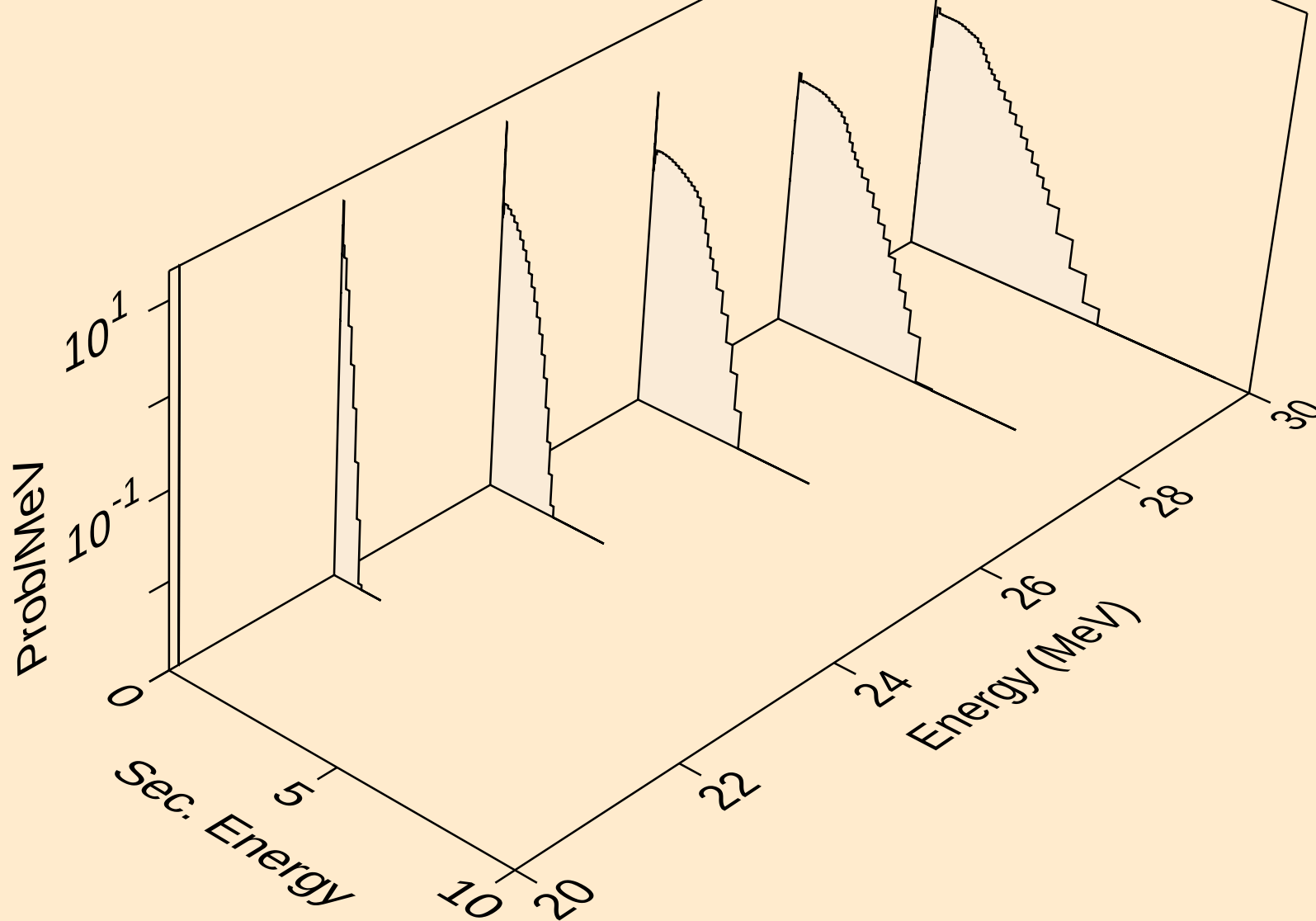
SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n*)p



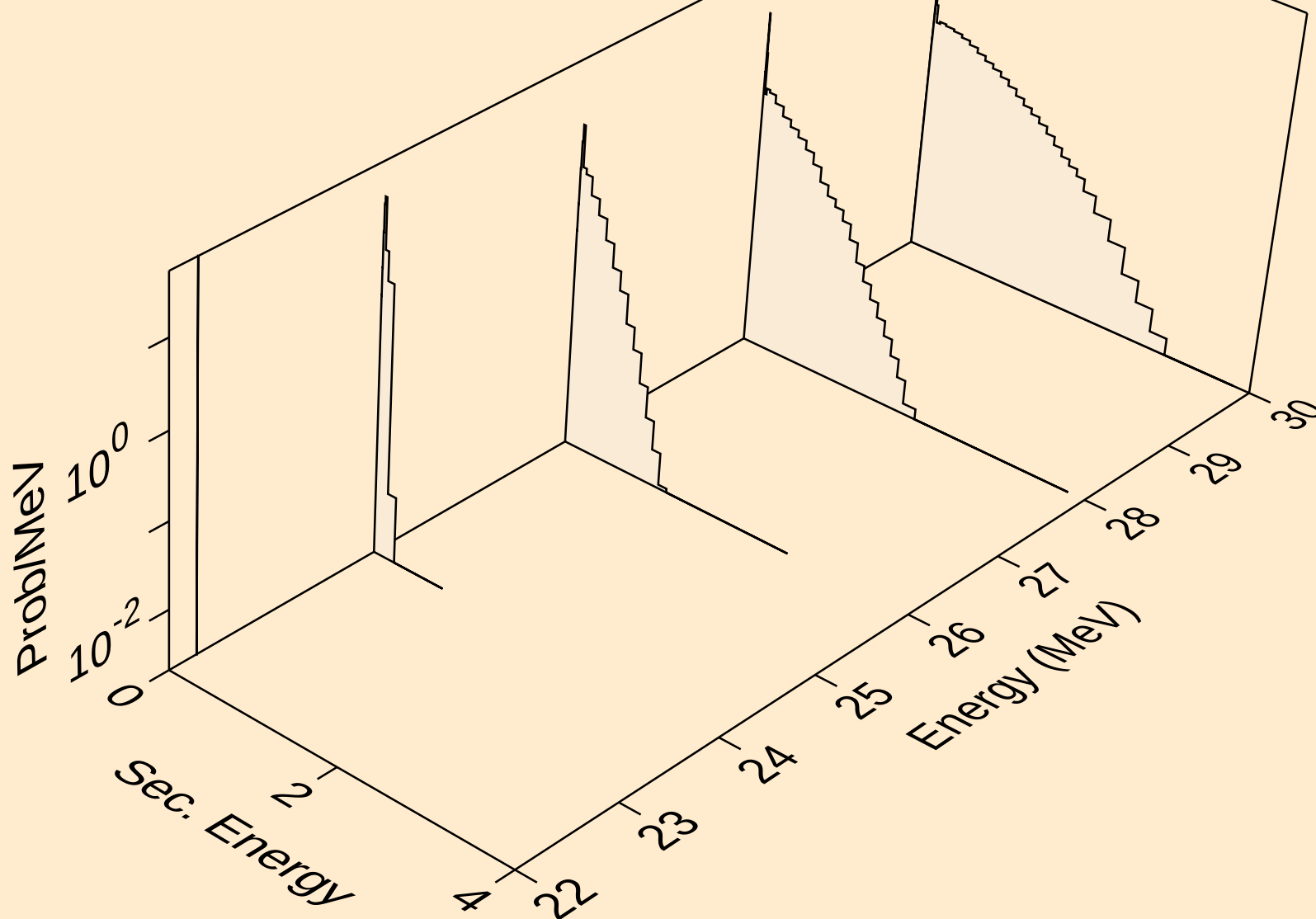
SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n*)d



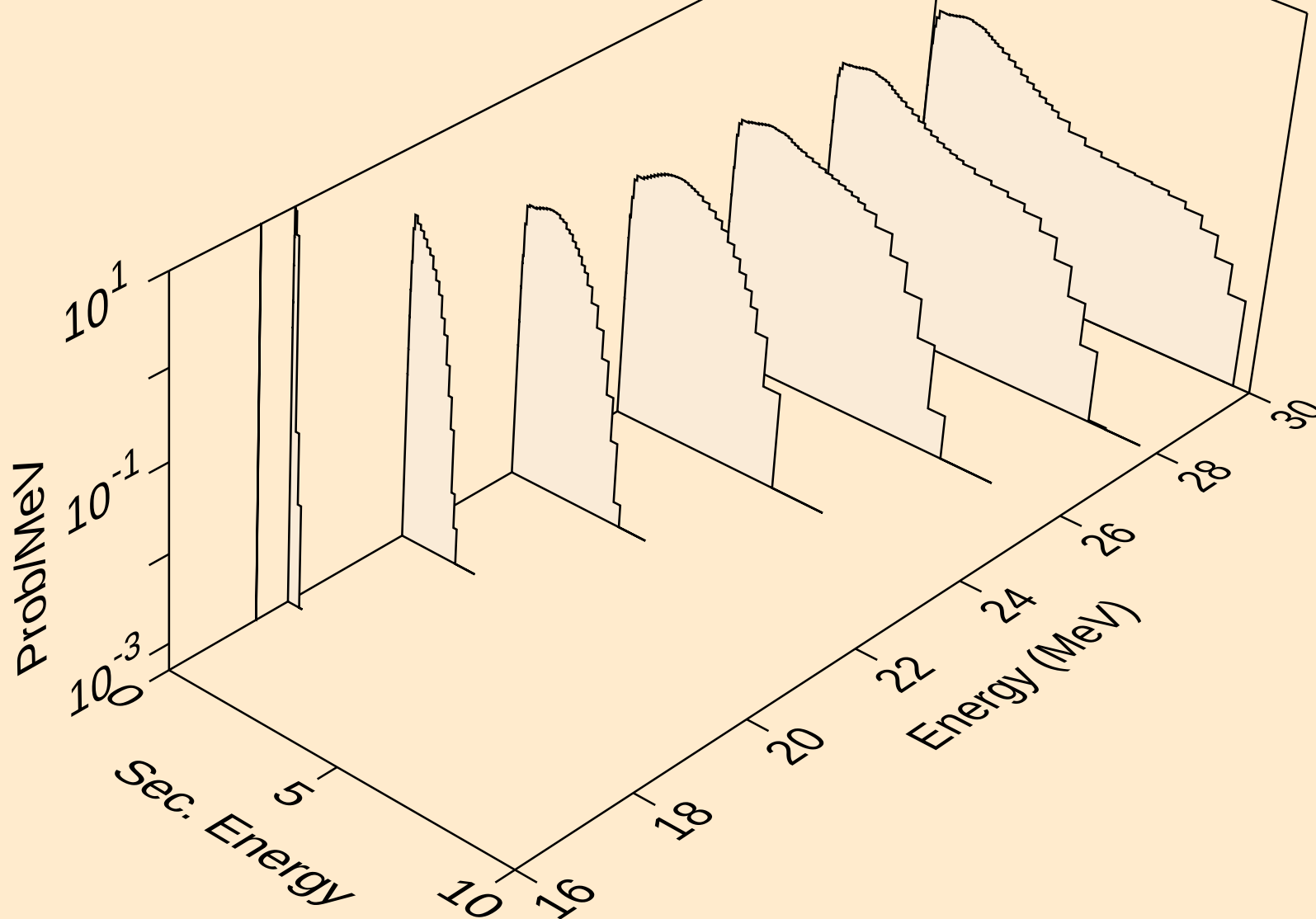
SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n*)t



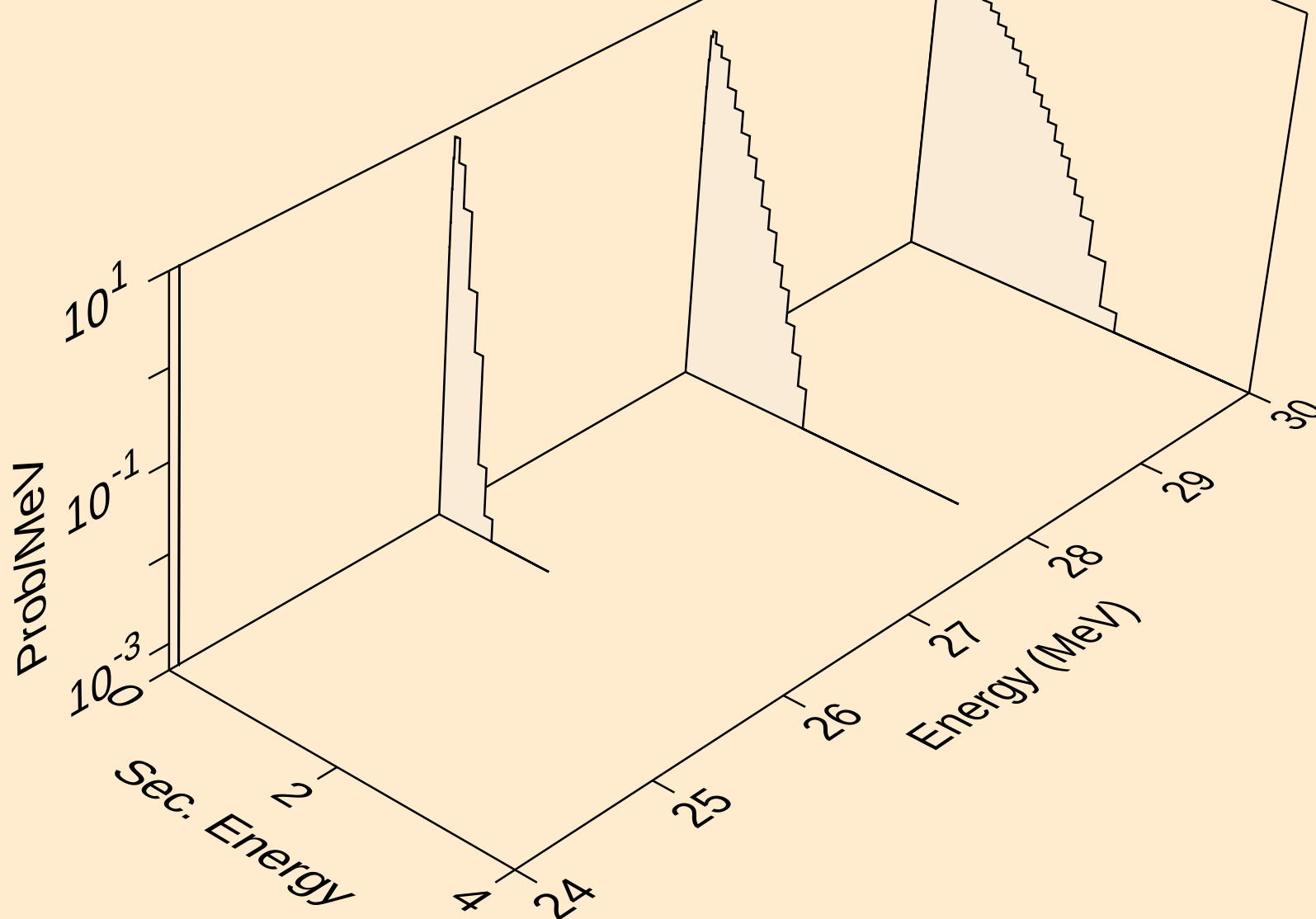
SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n*)he3



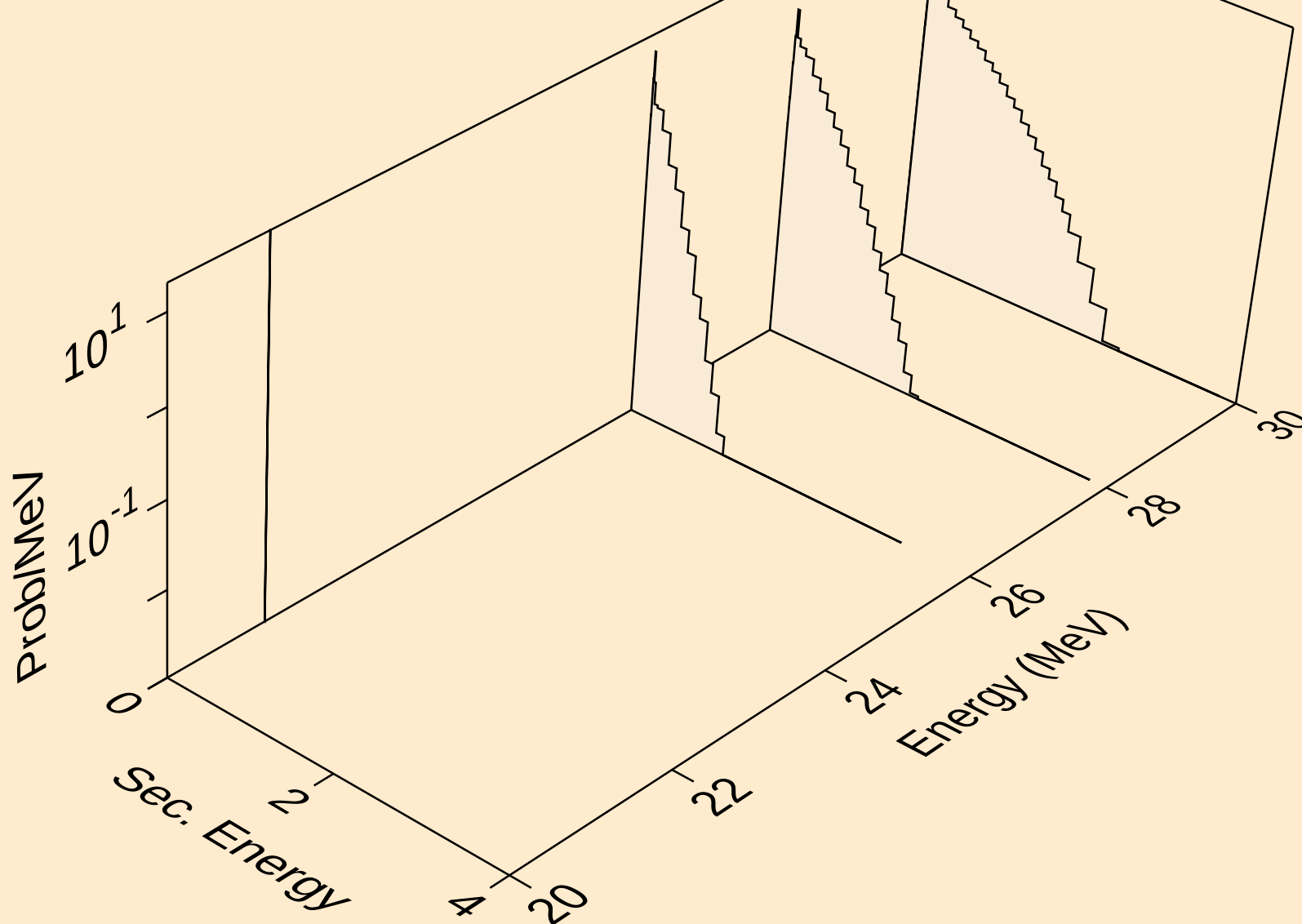
SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,2np)



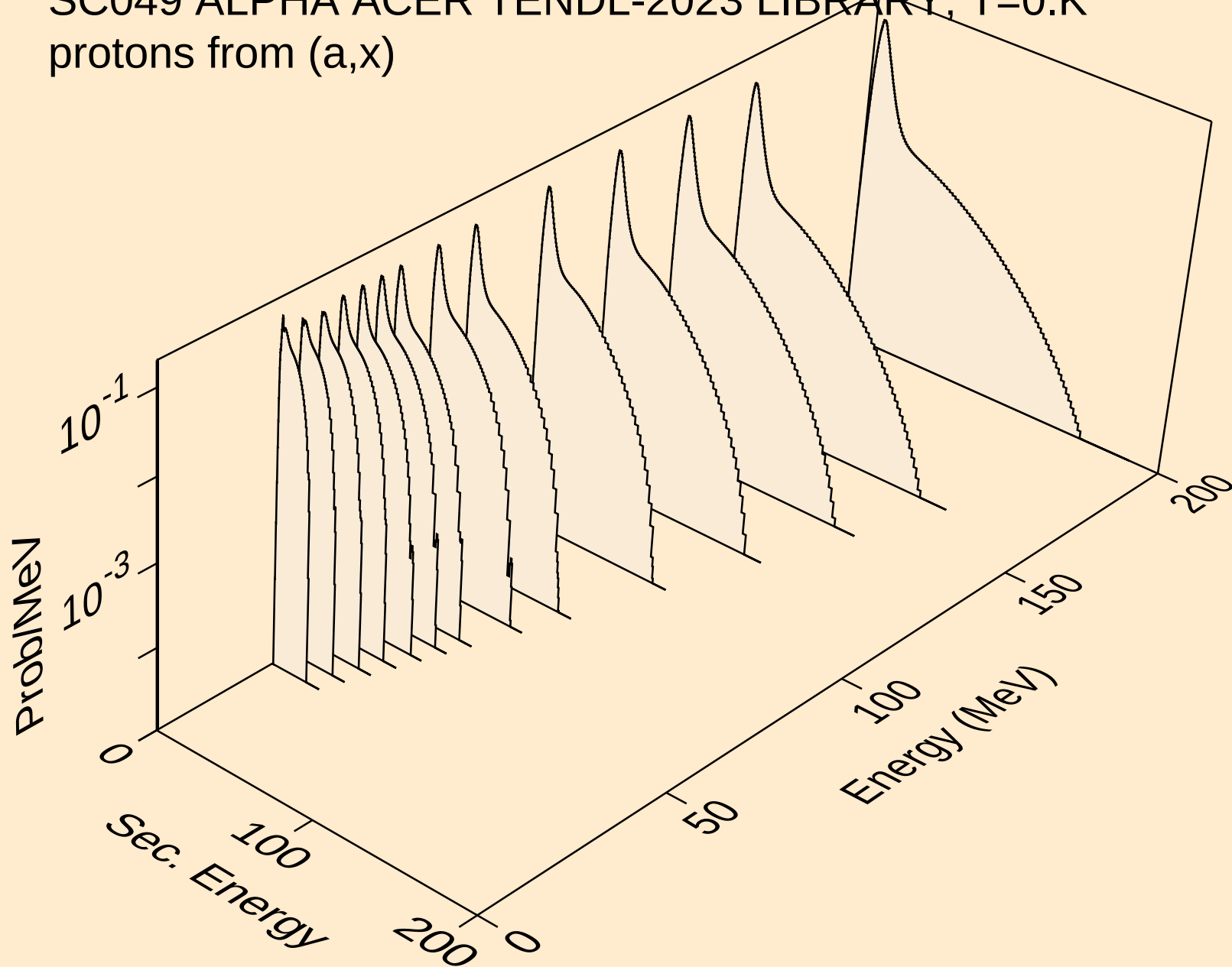
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neutrons from (a,n2p)



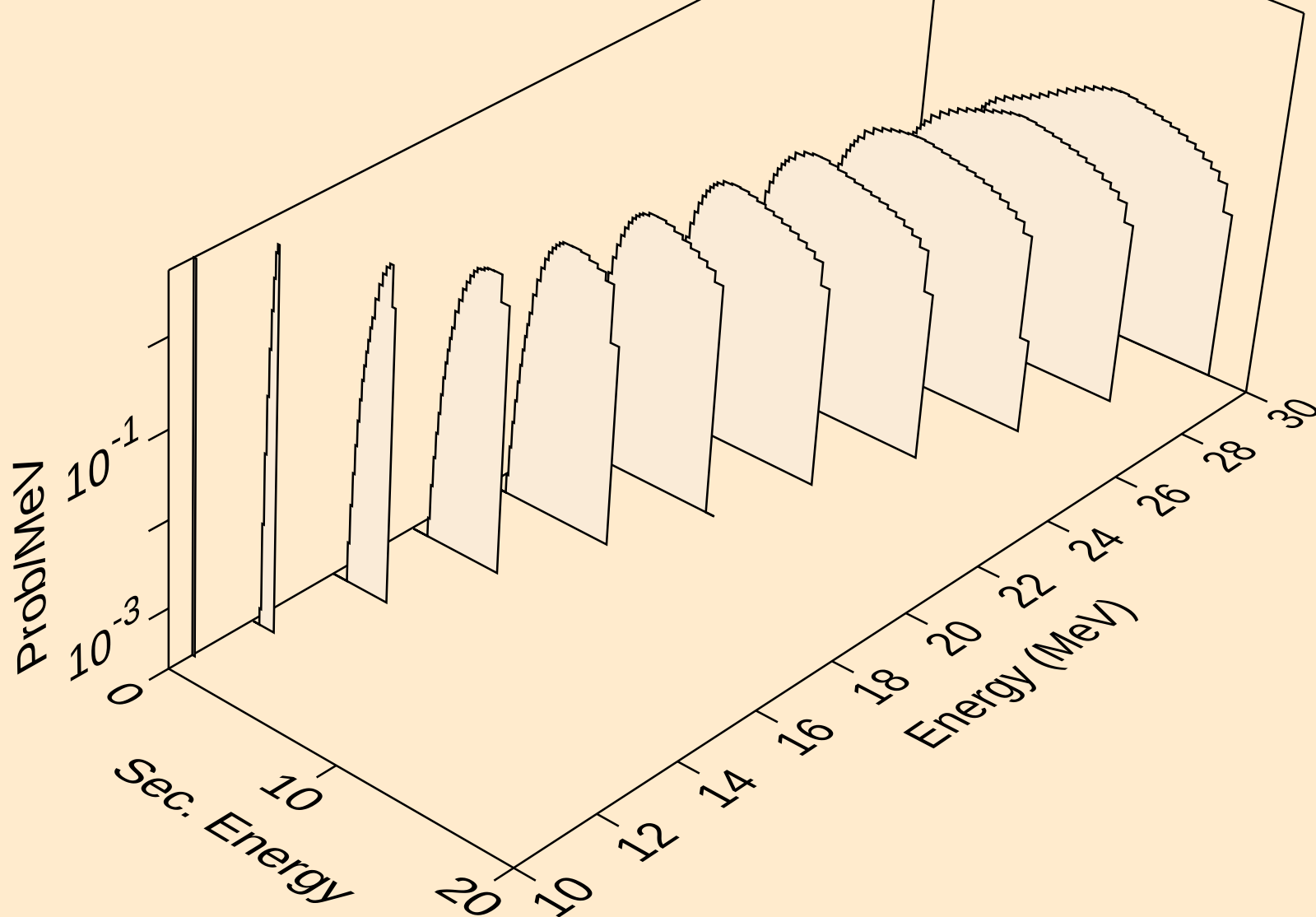
SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,npa)



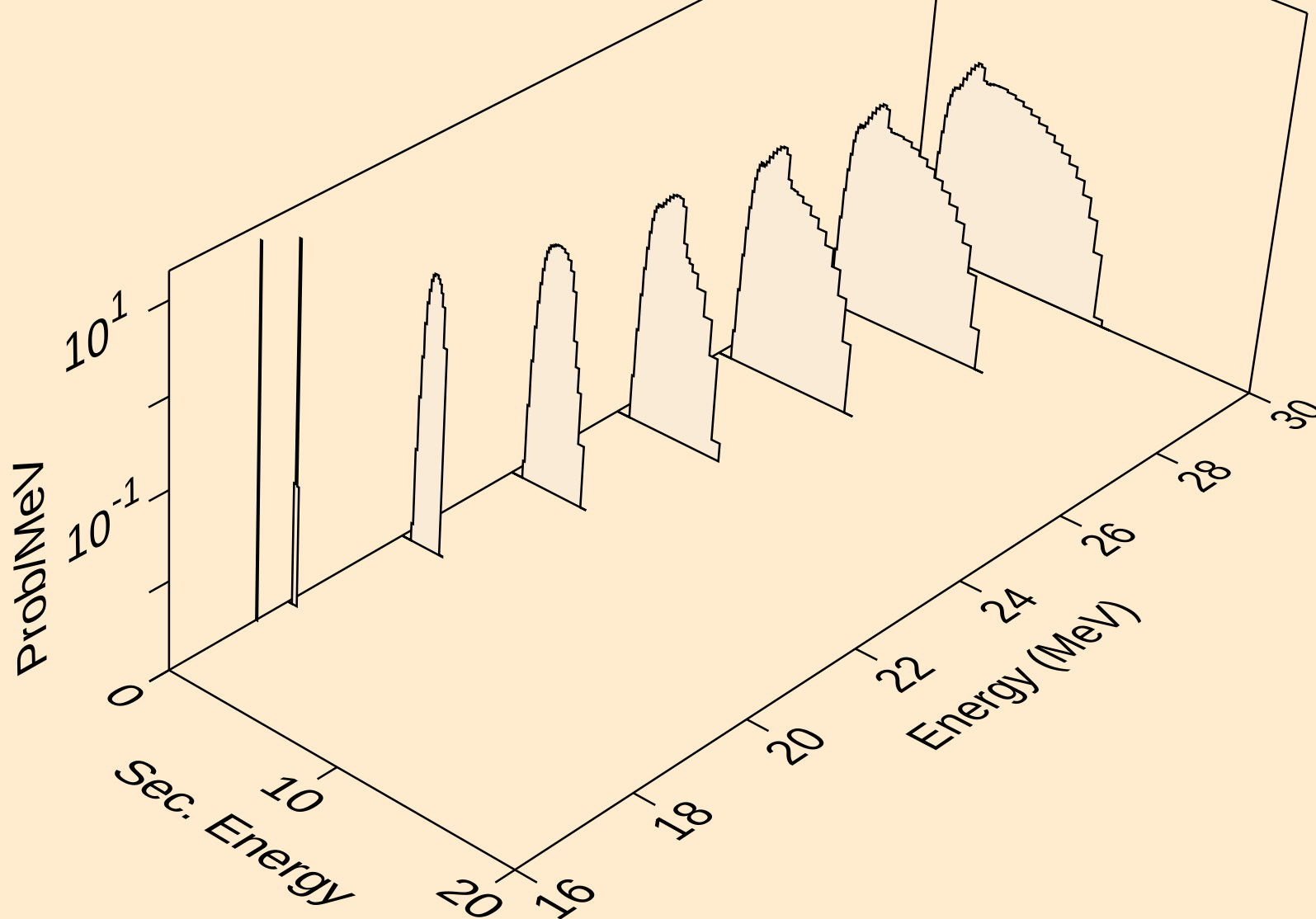
SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
protons from (a,x)



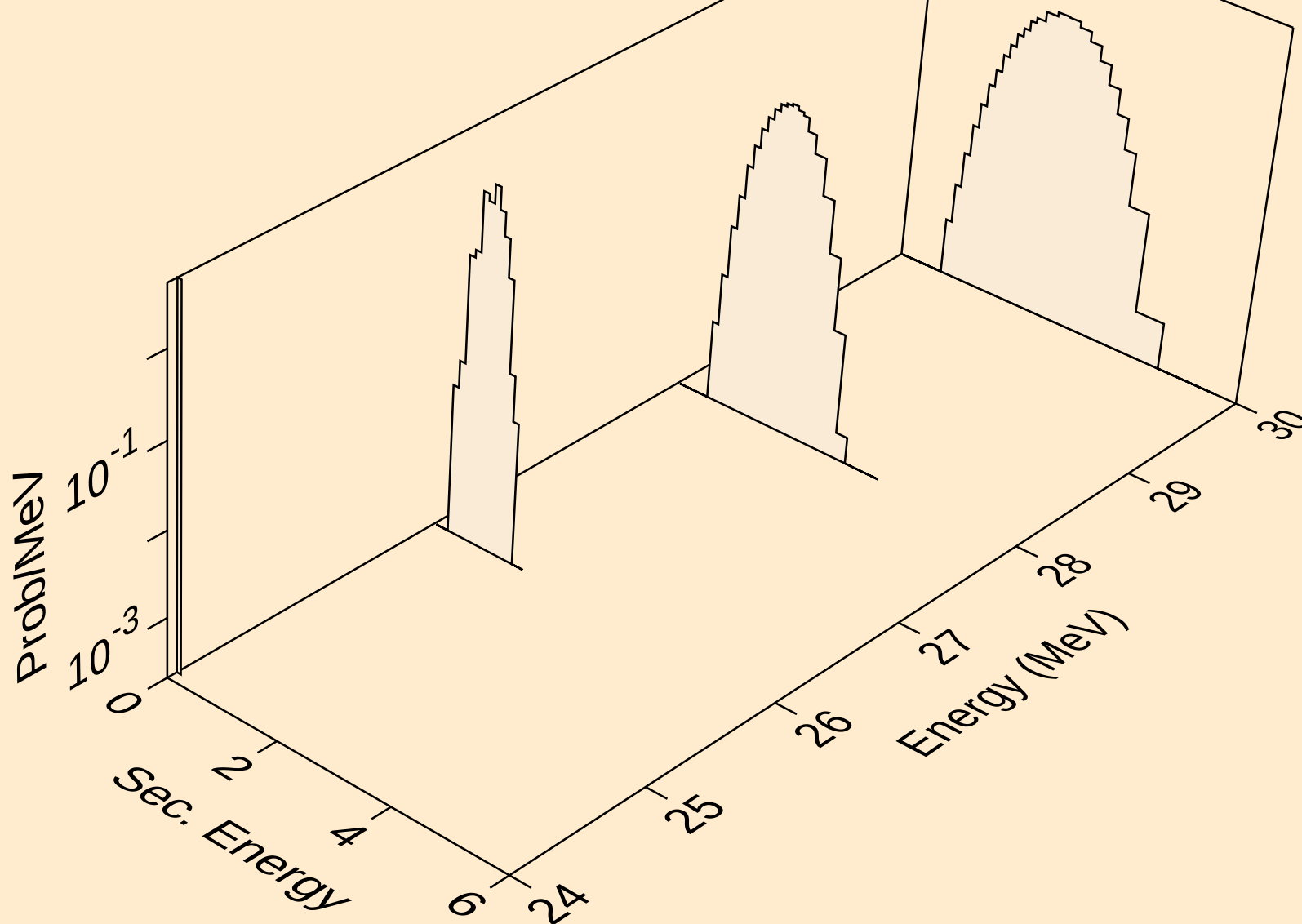
SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
protons from (a,n*)p



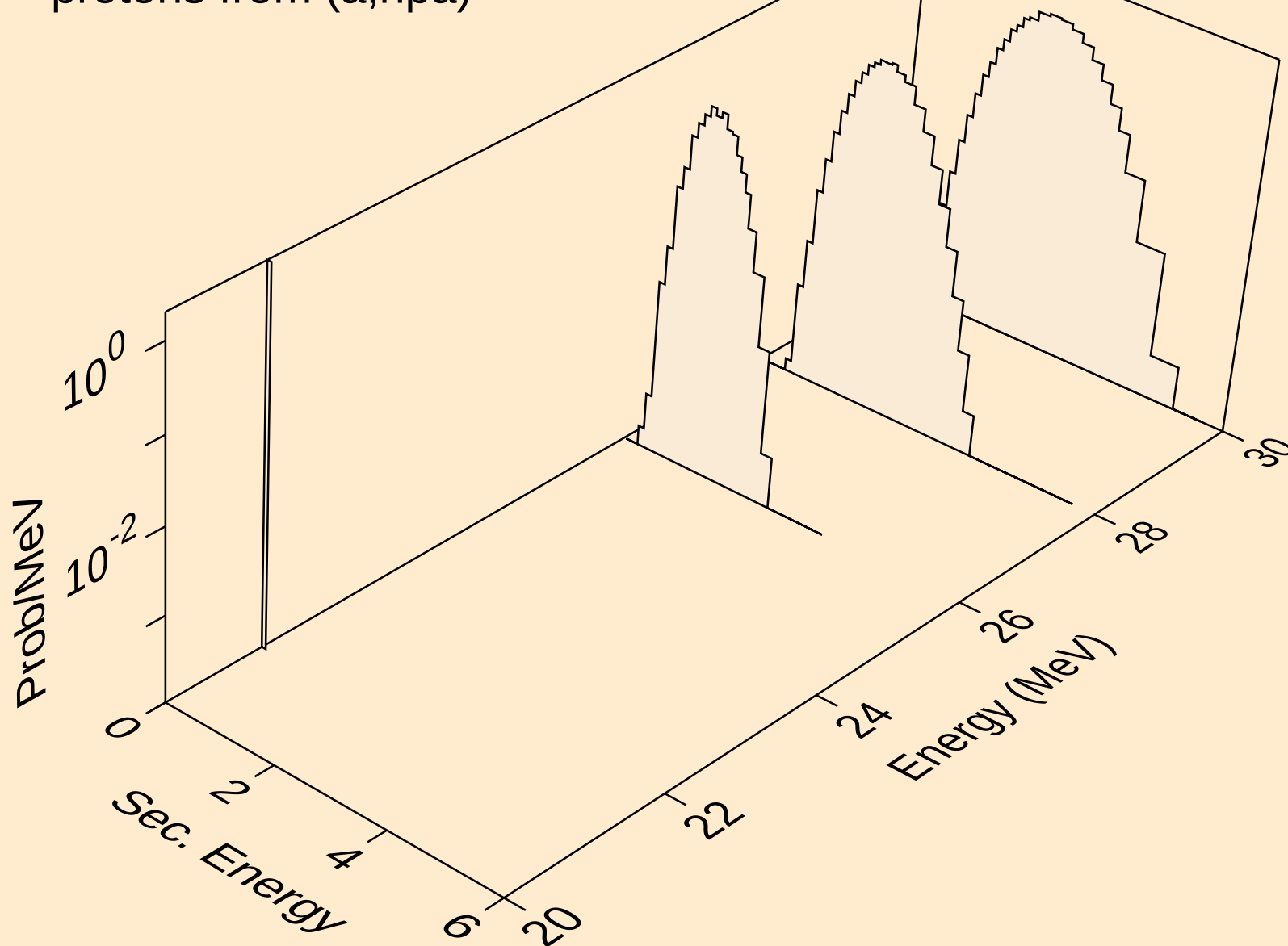
SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
protons from (a,2np)



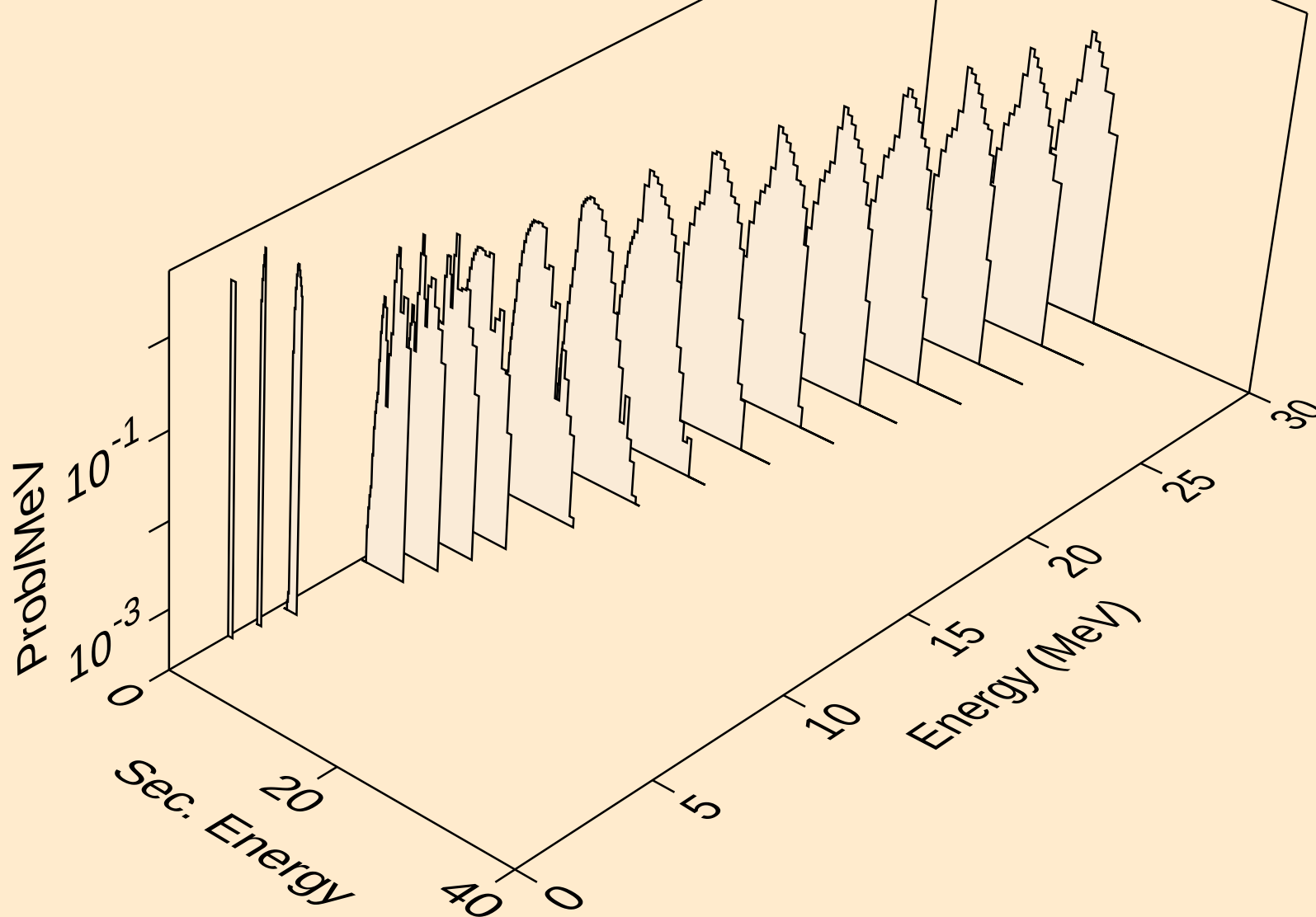
SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
protons from (a,n2p)



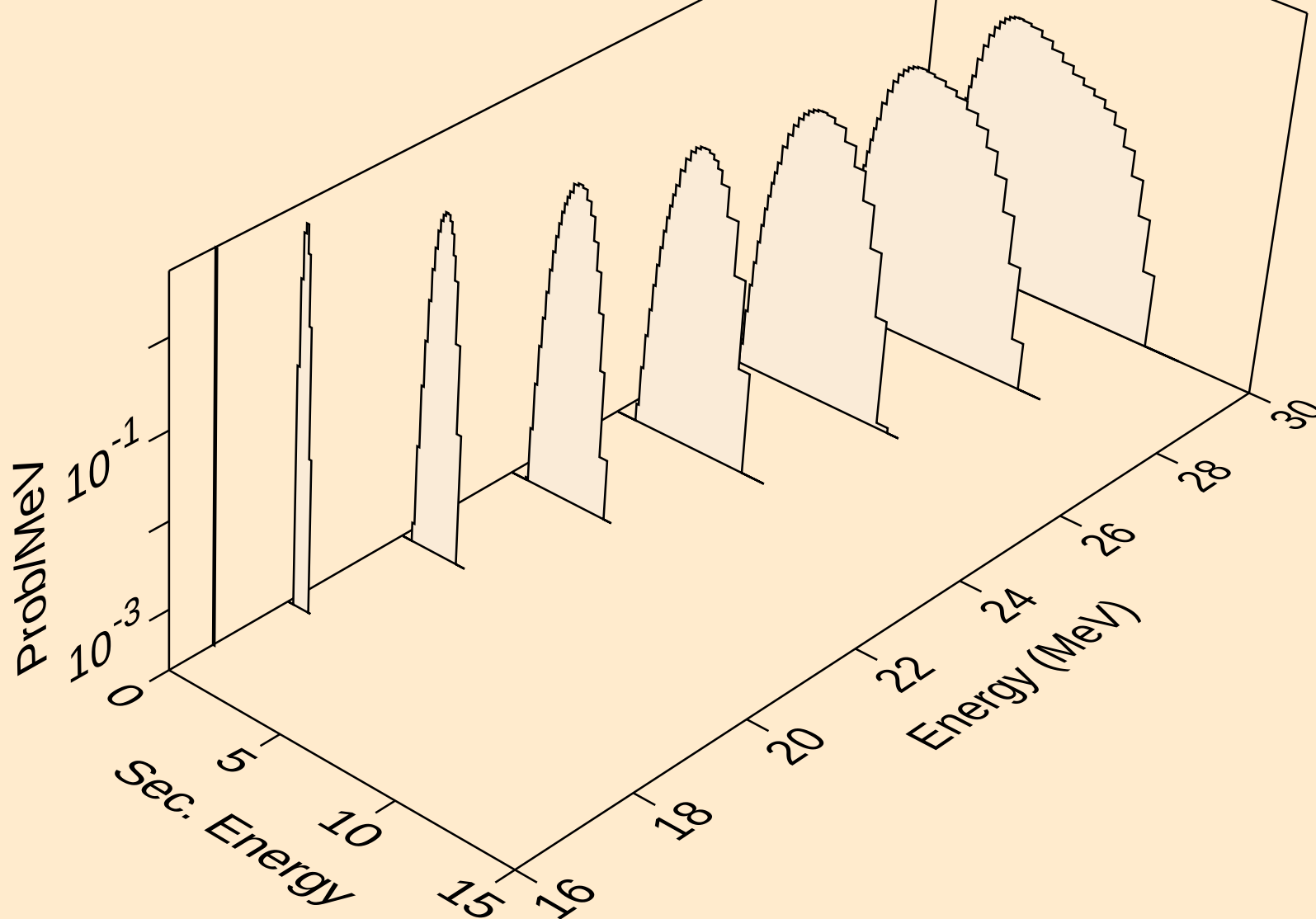
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protons from (a,npa)



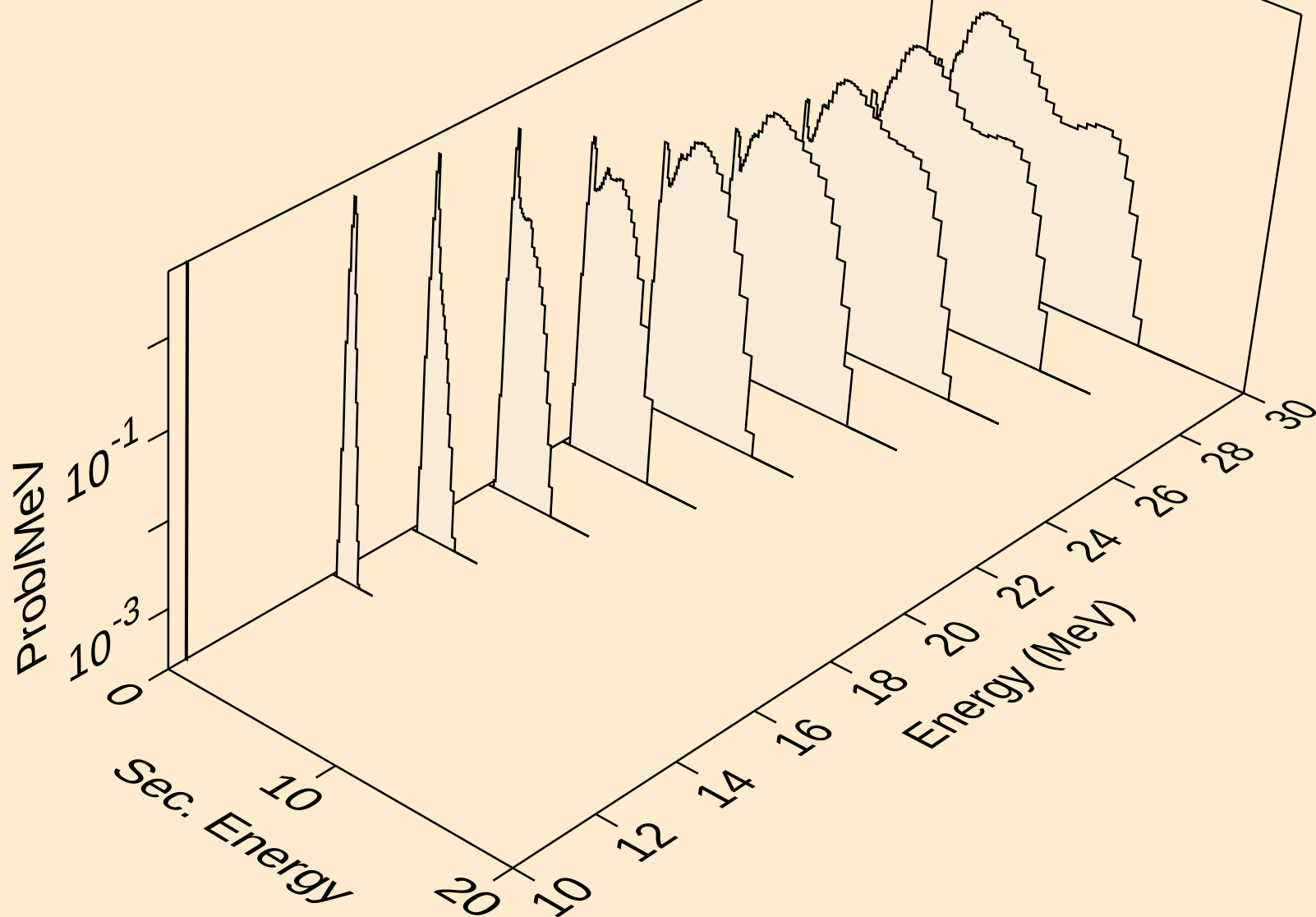
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protons from (a,p)



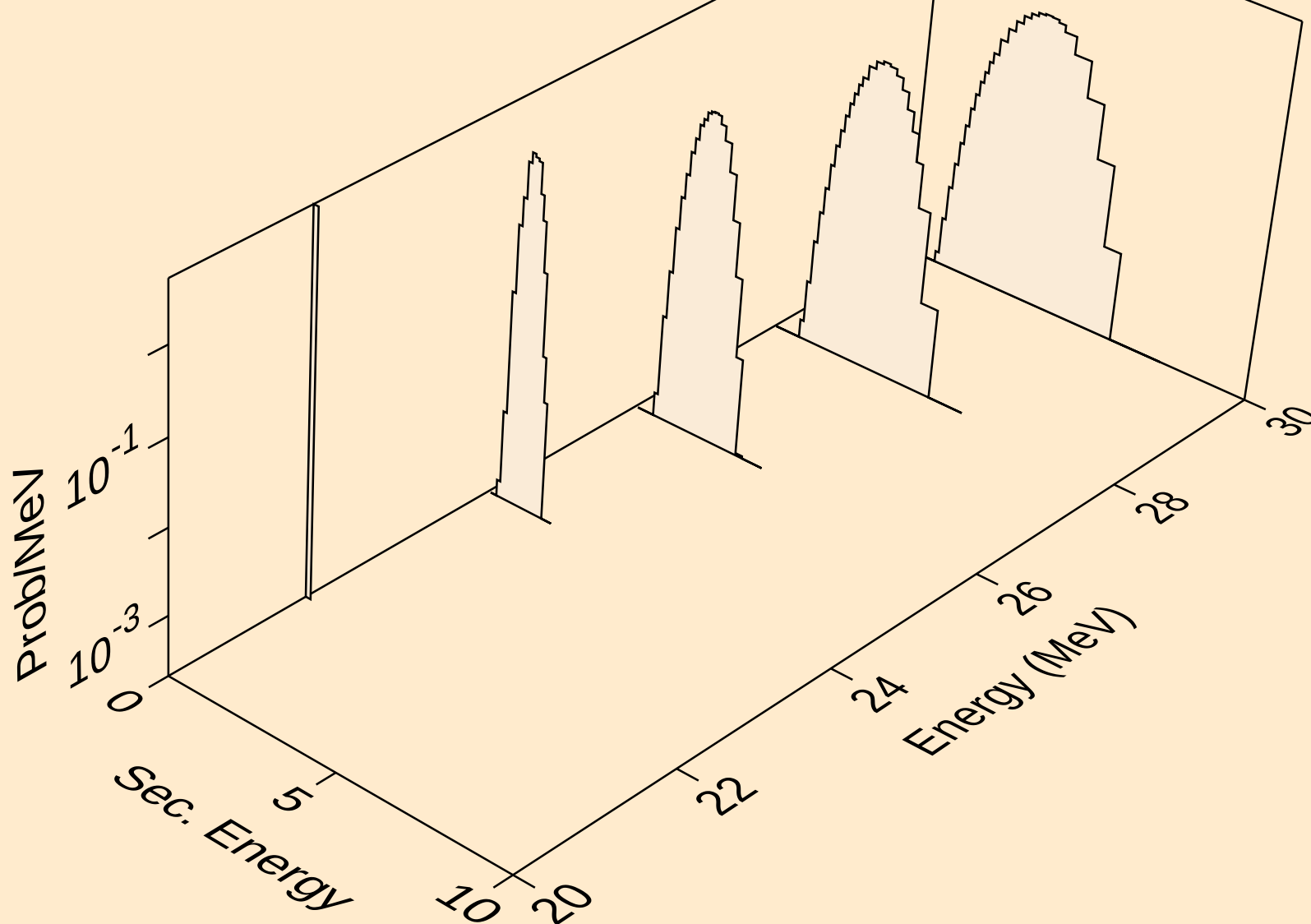
SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
protons from (a,2p)



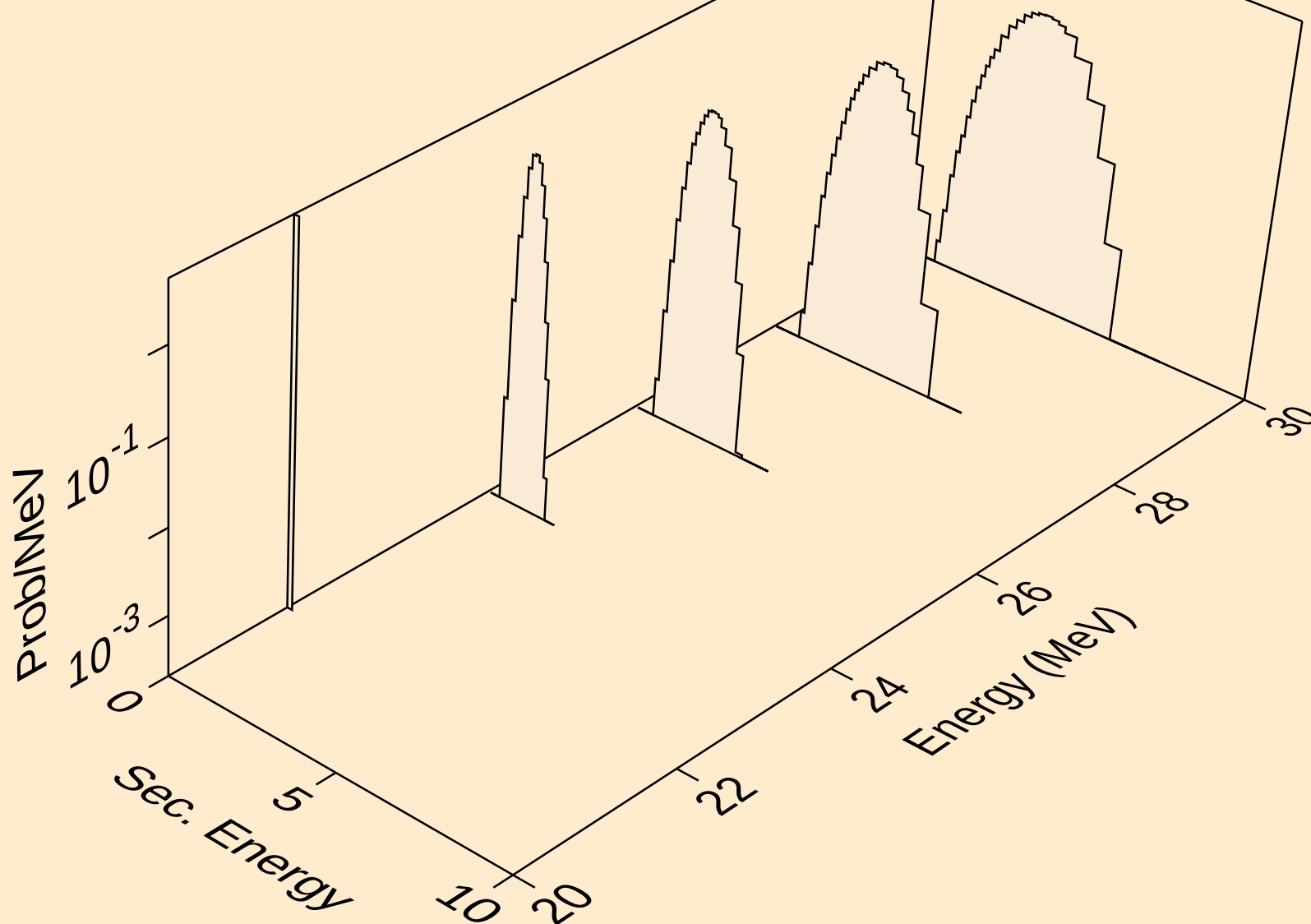
SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
protons from (a,pa)



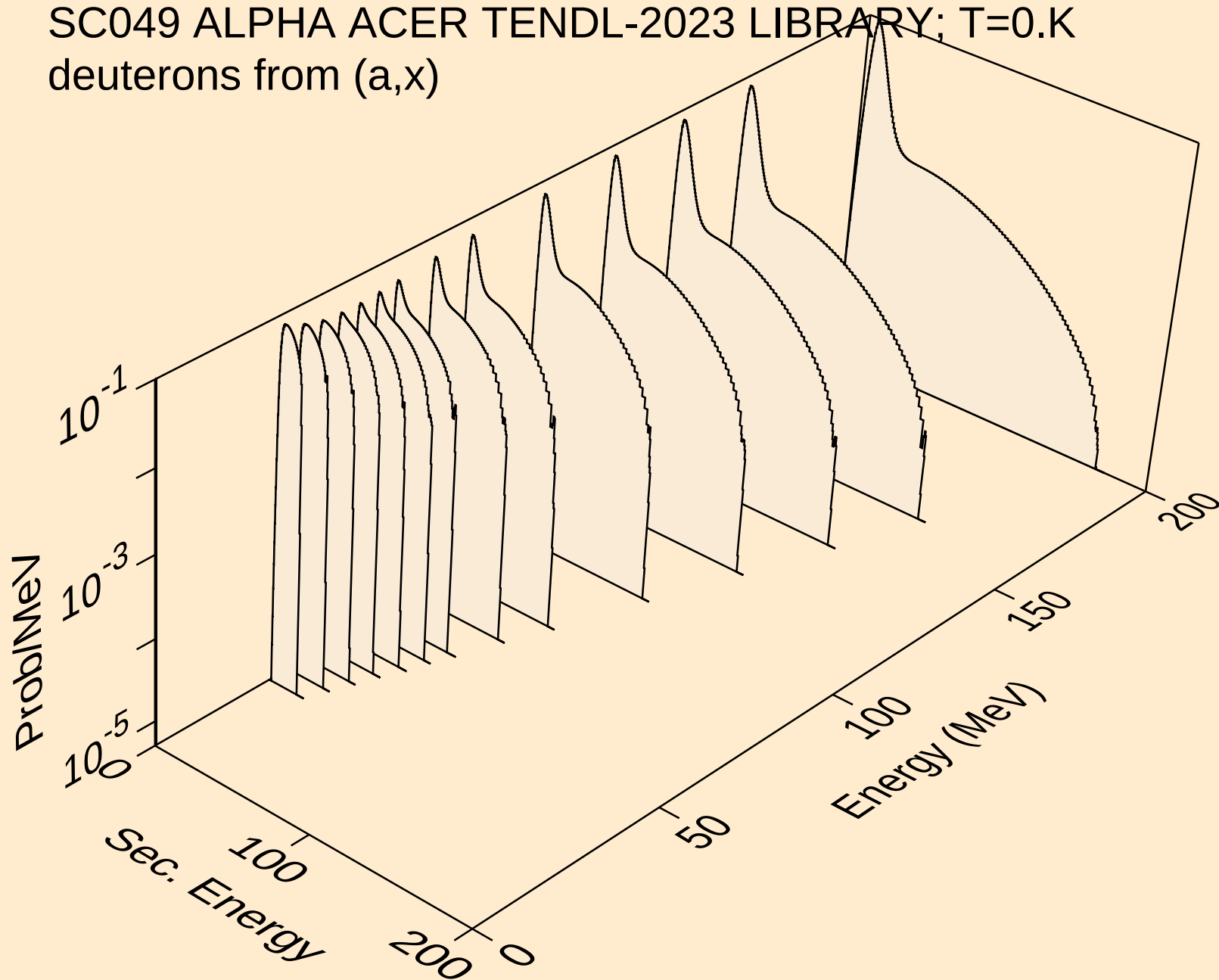
SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
protons from (a,pd)



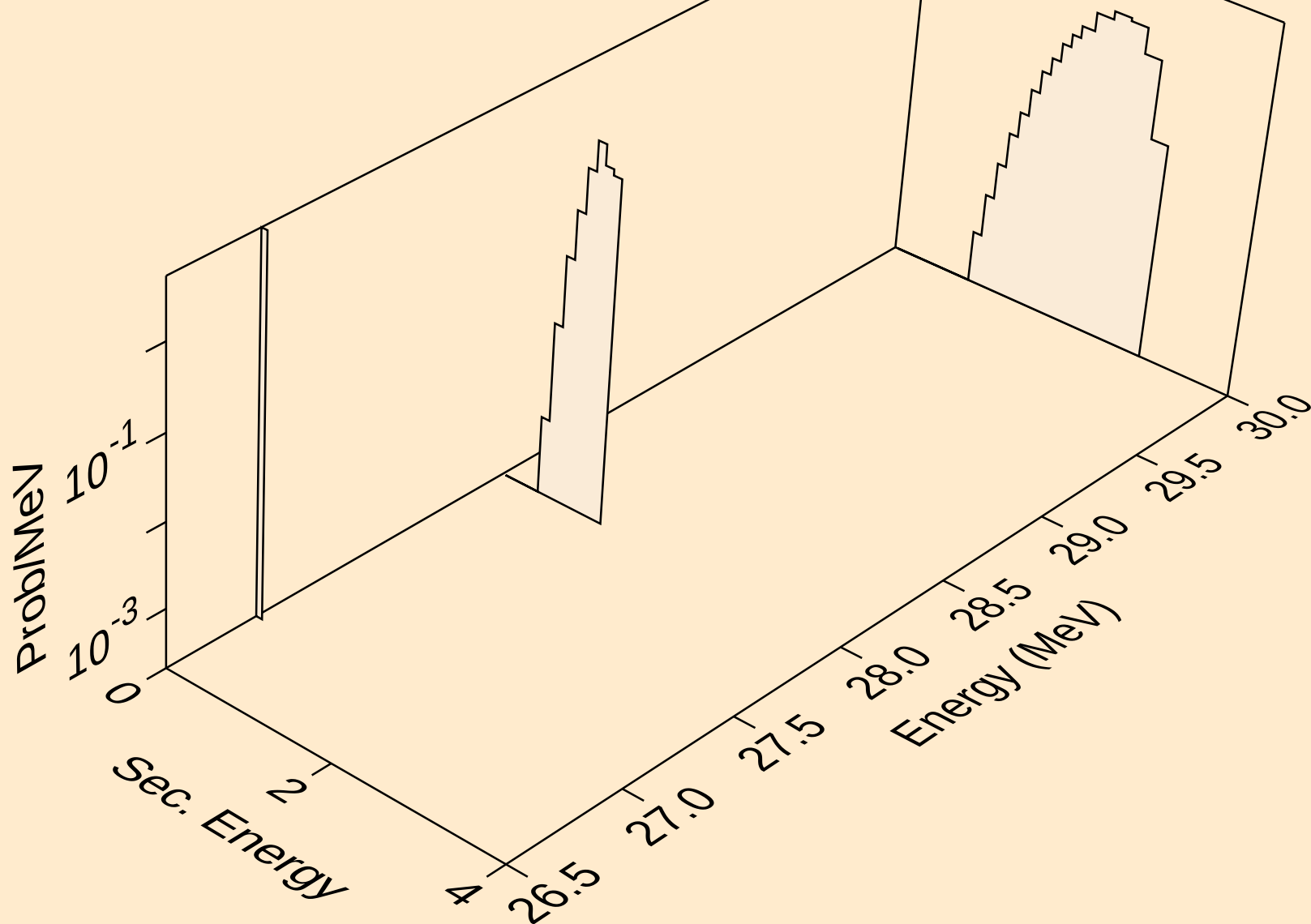
SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
protons from (a,pt)



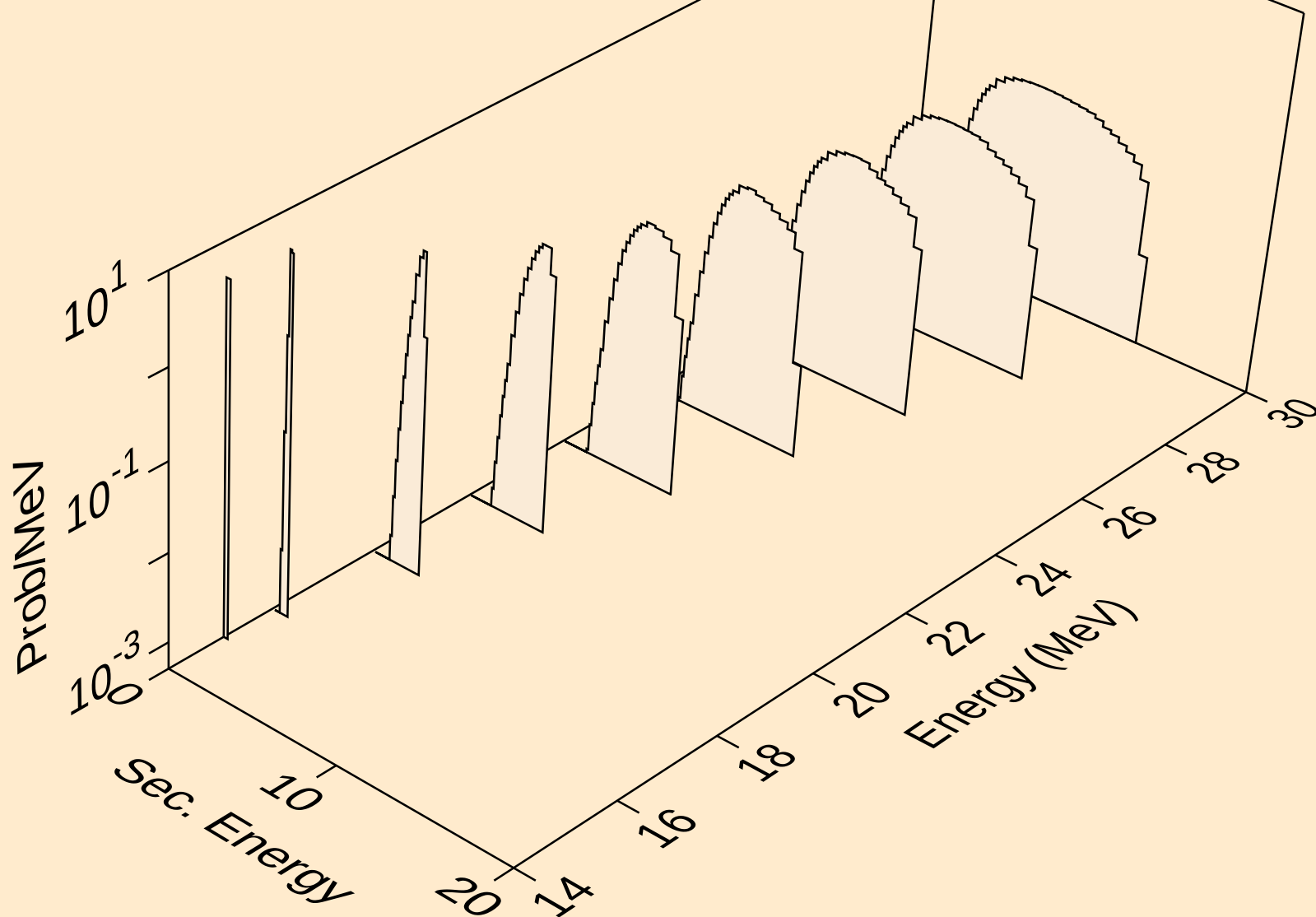
SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (a,x)



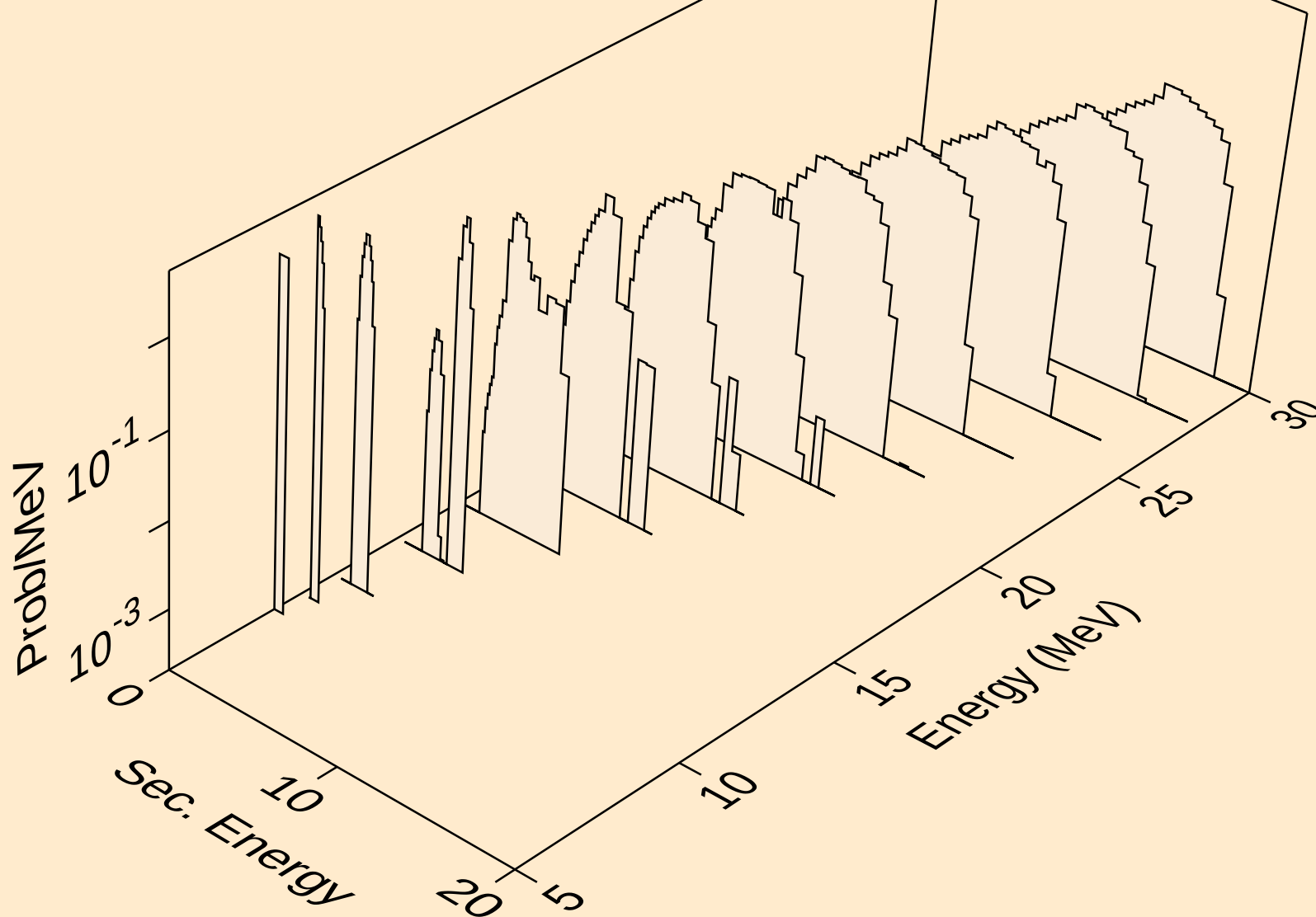
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deuterons from (a,2nd)



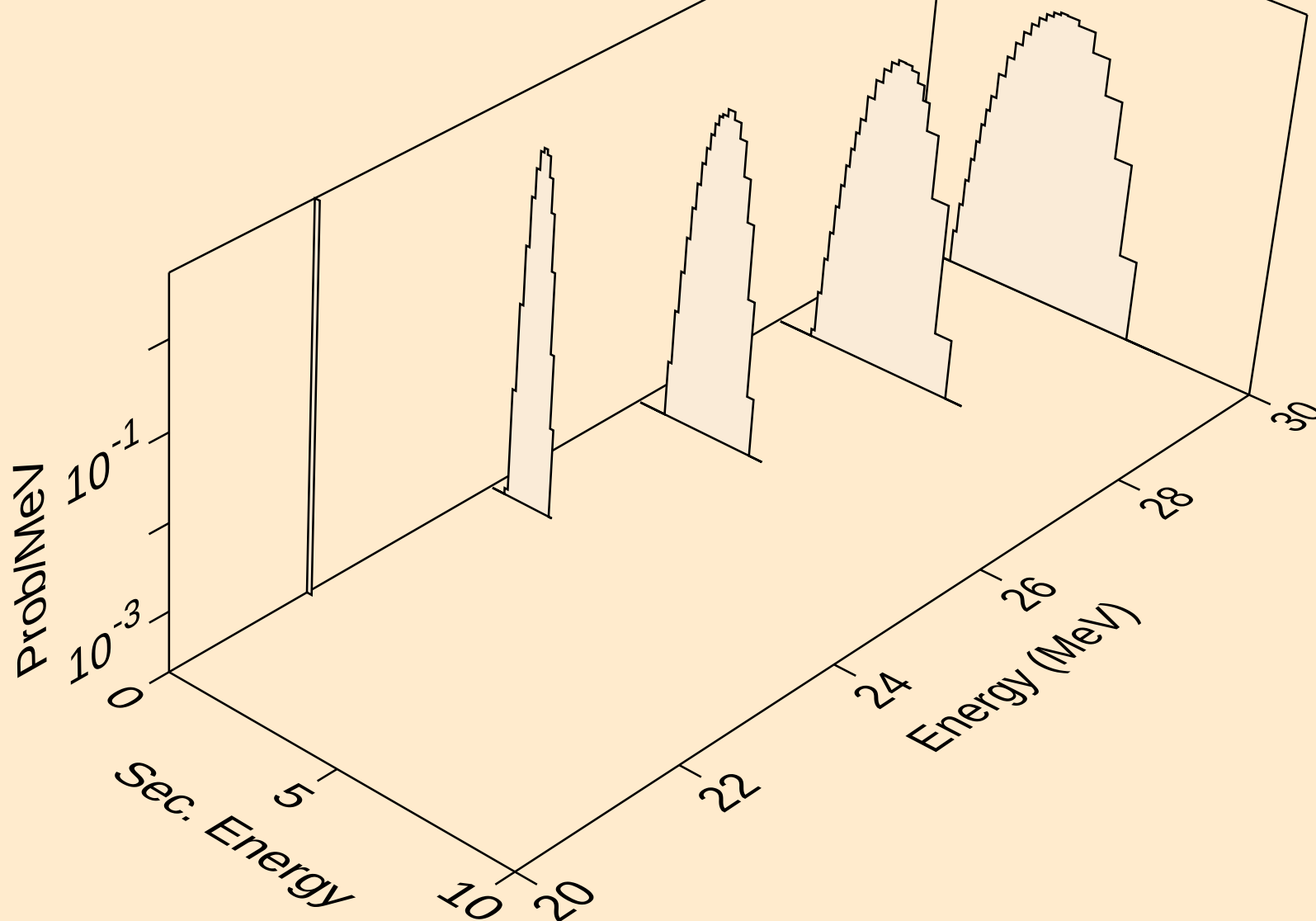
SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (a,n*)d



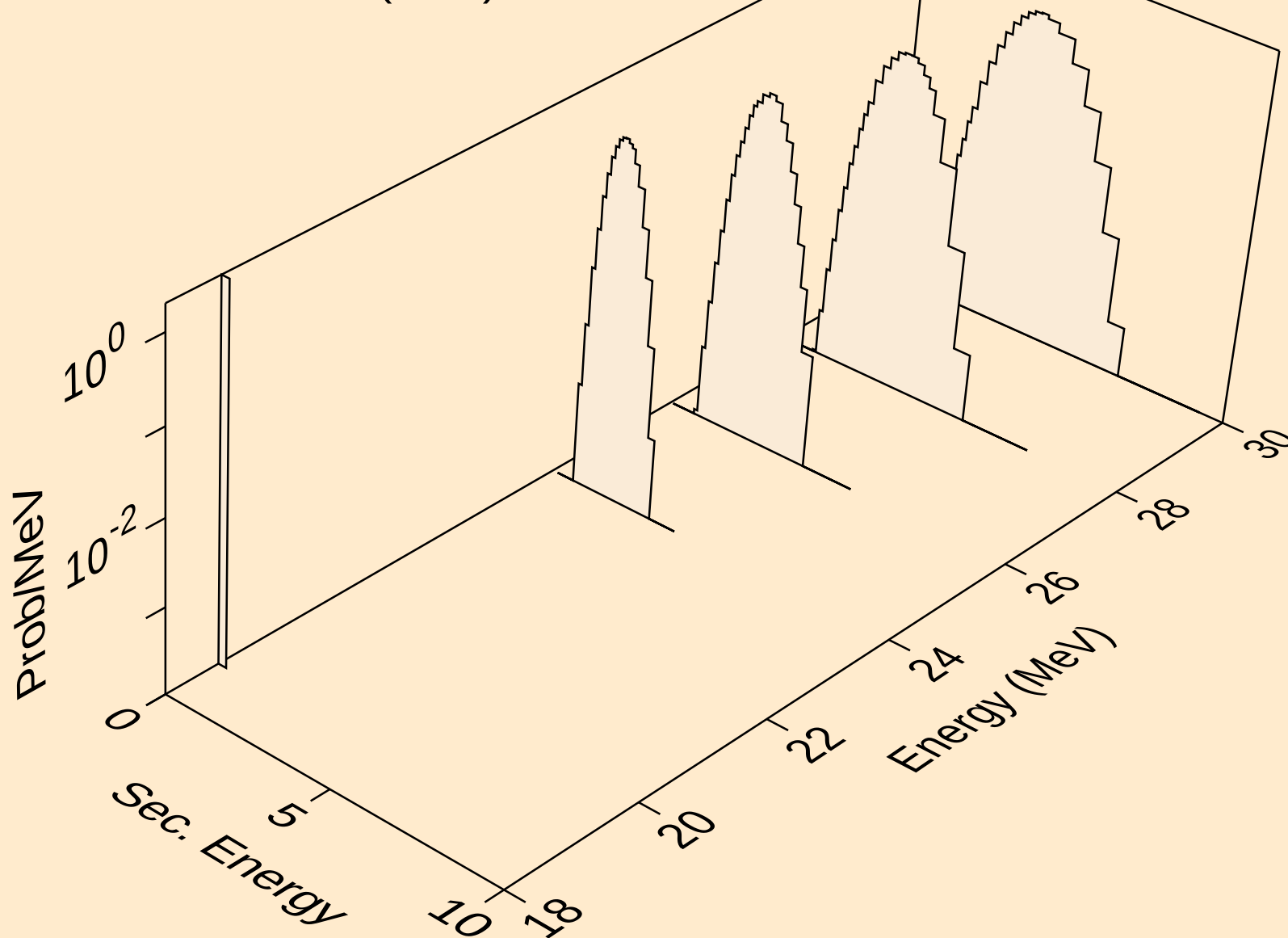
SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (a,d)



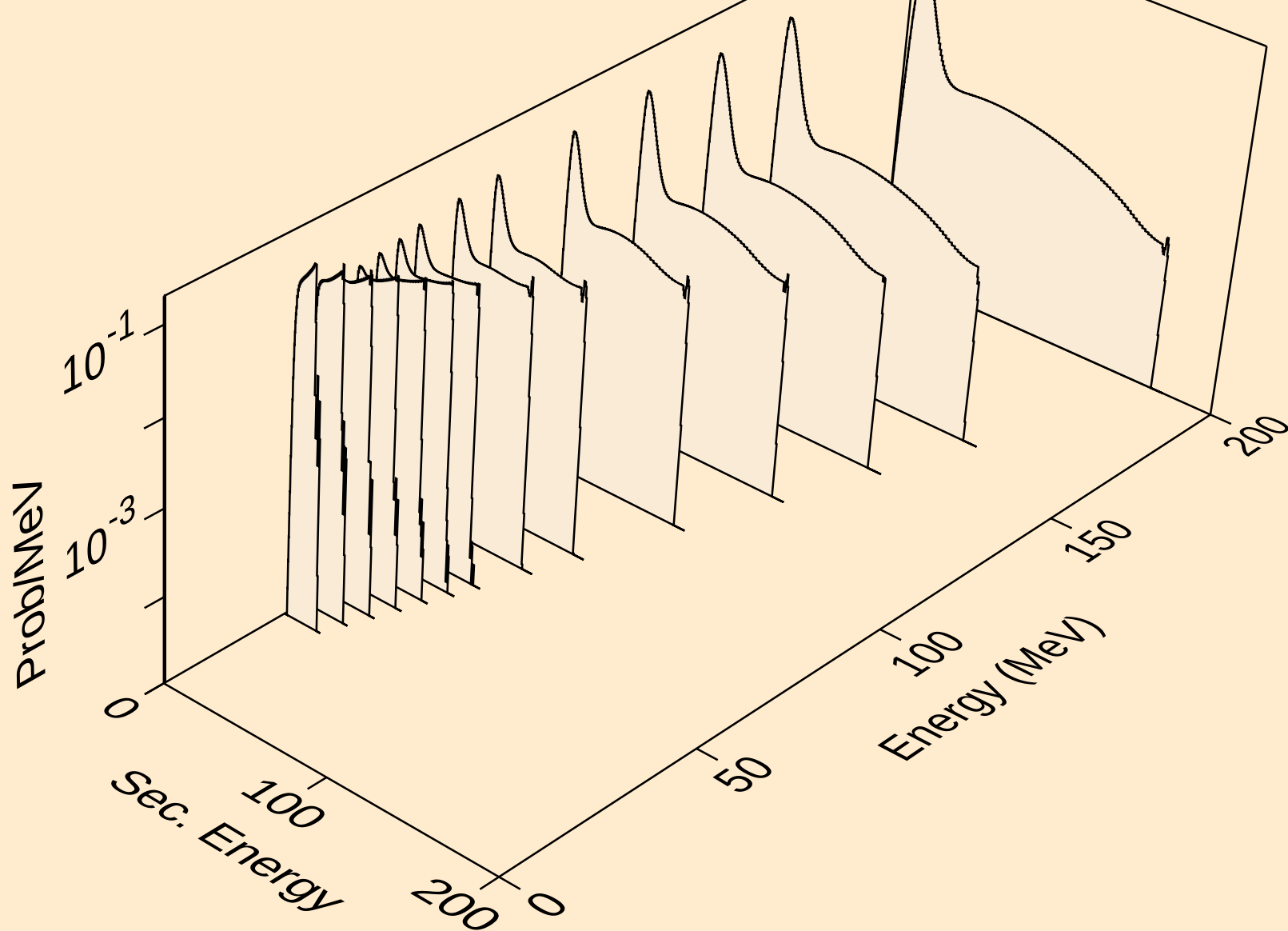
SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (a,pd)



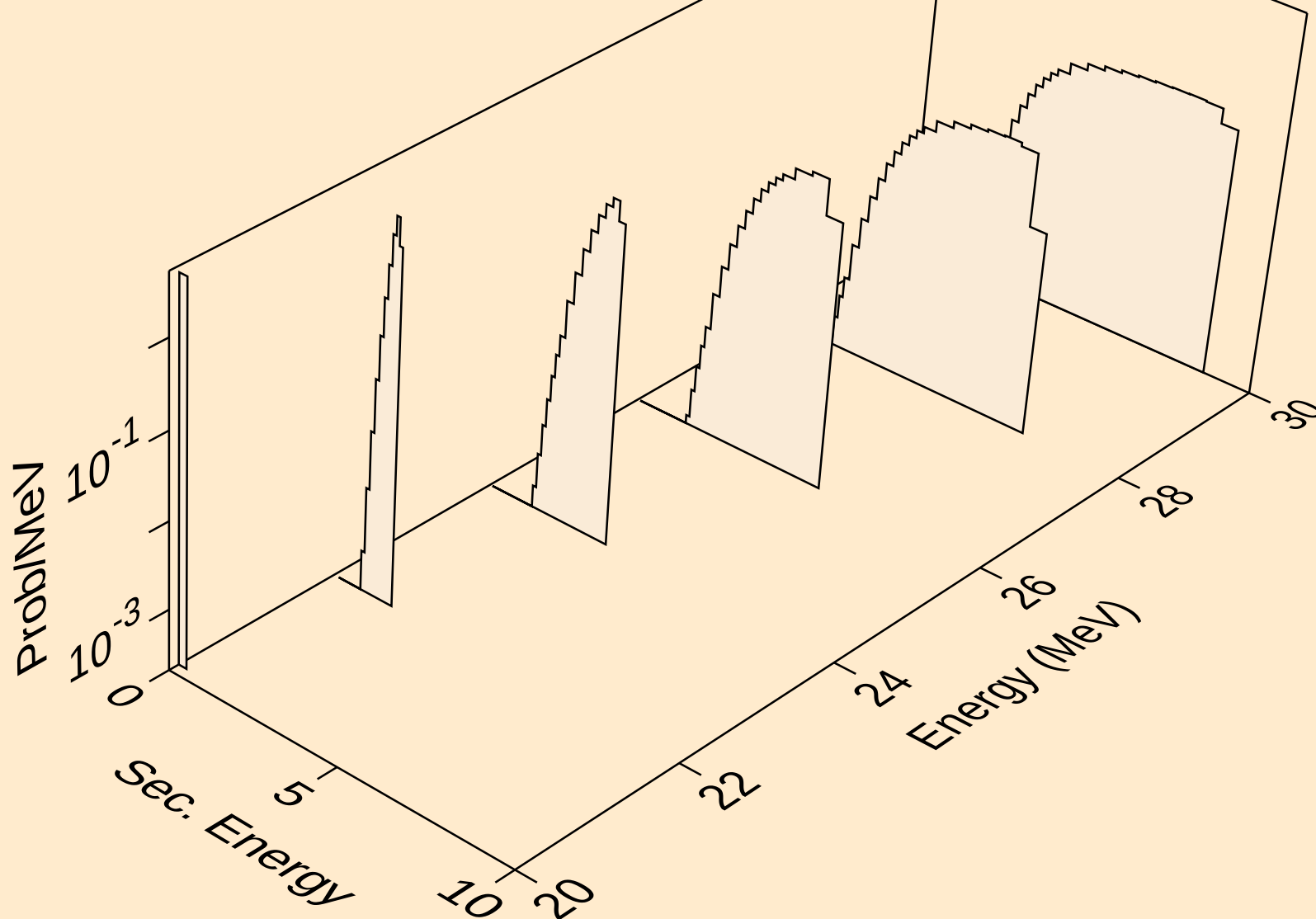
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deuterons from (a,da)



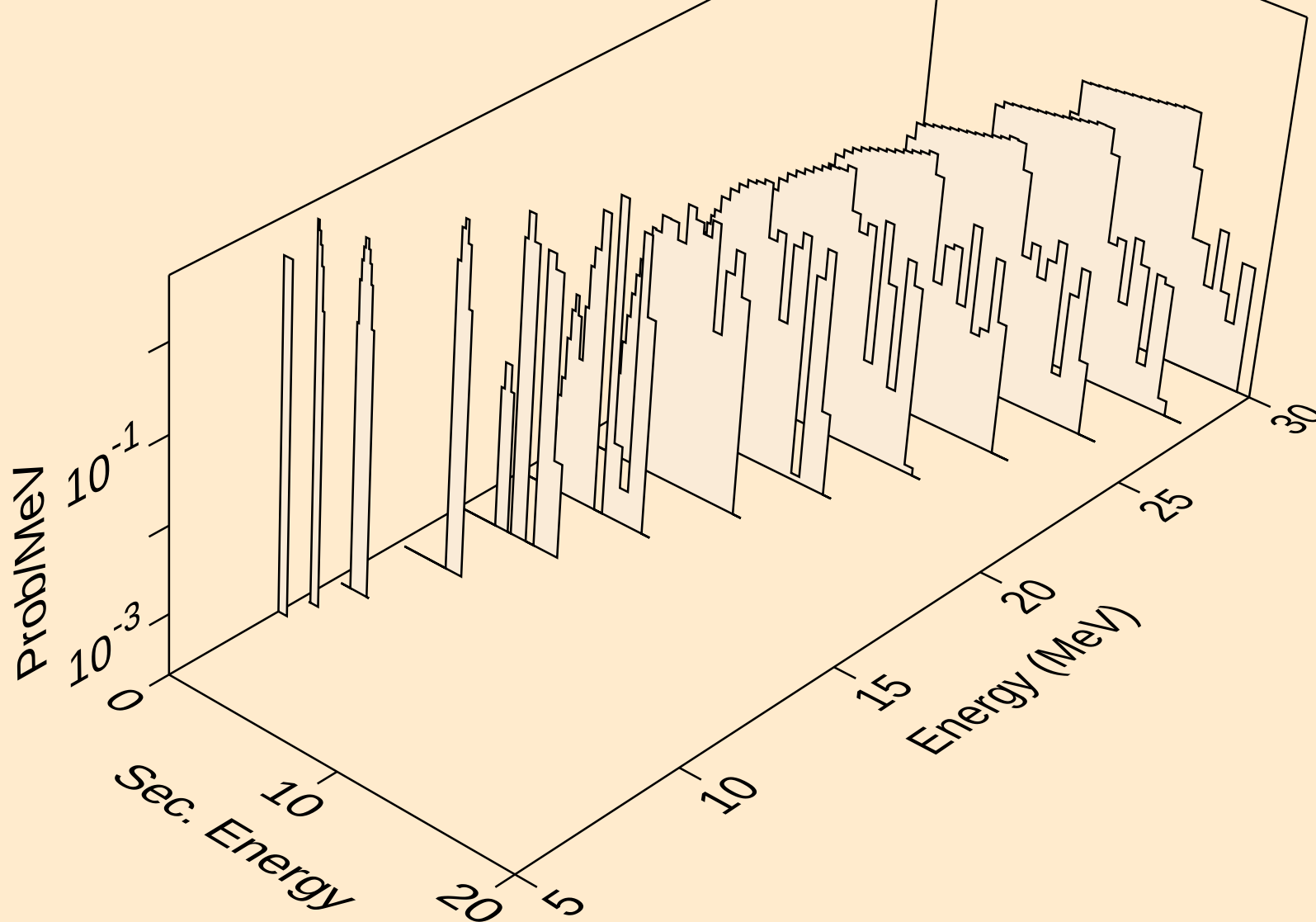
SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
tritons from (a,x)



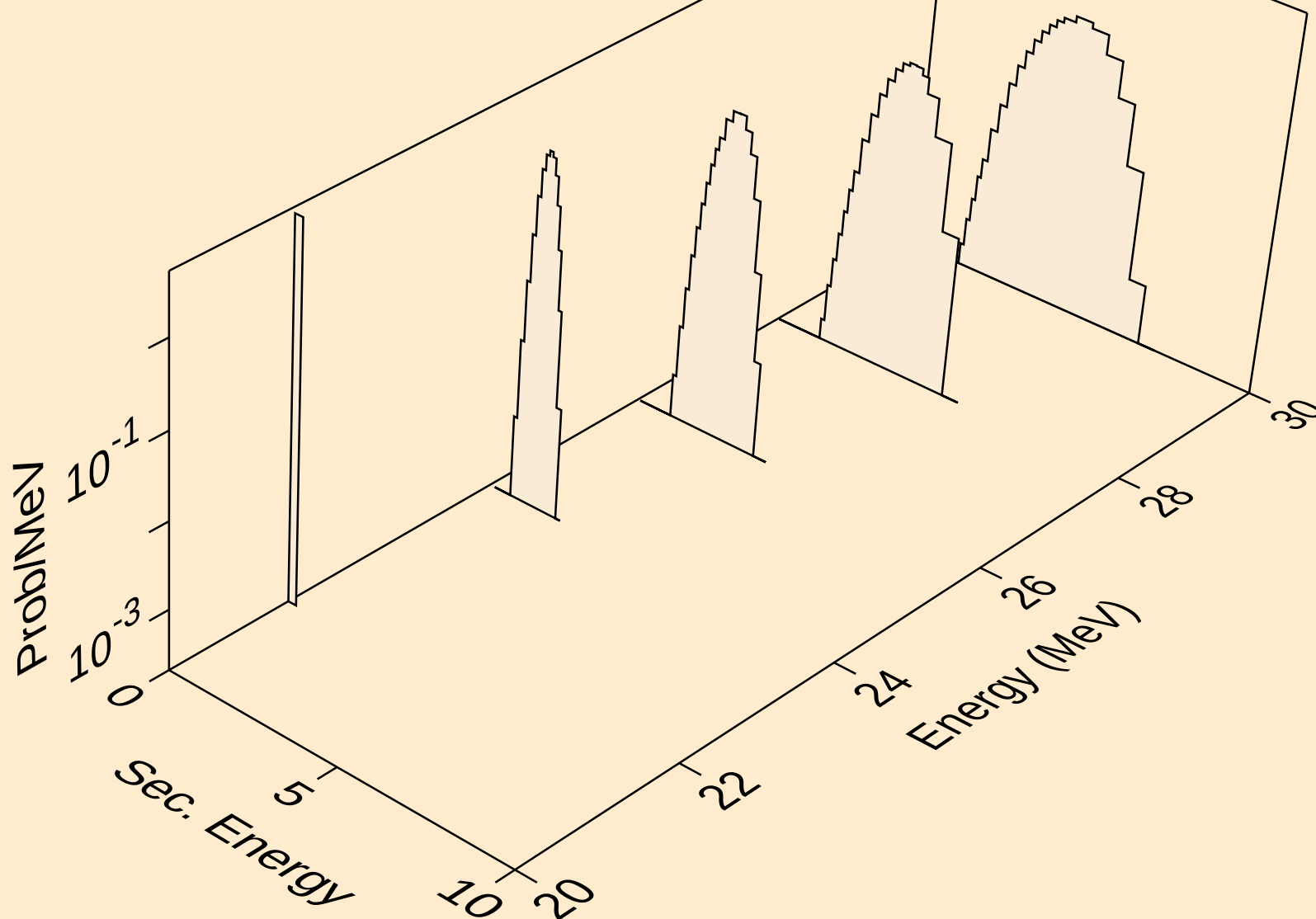
SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
tritons from (a,n*)t



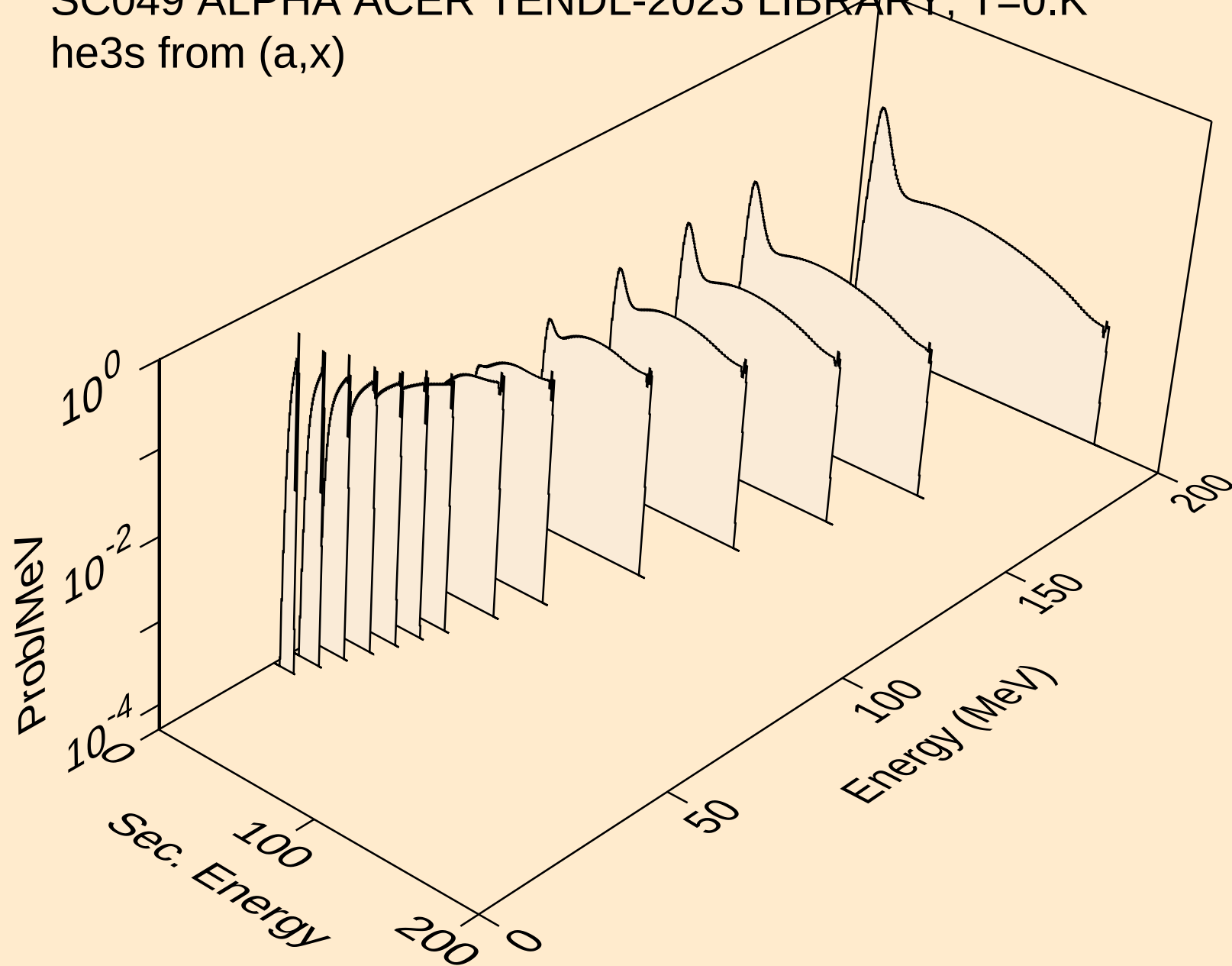
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tritons from (a,t)



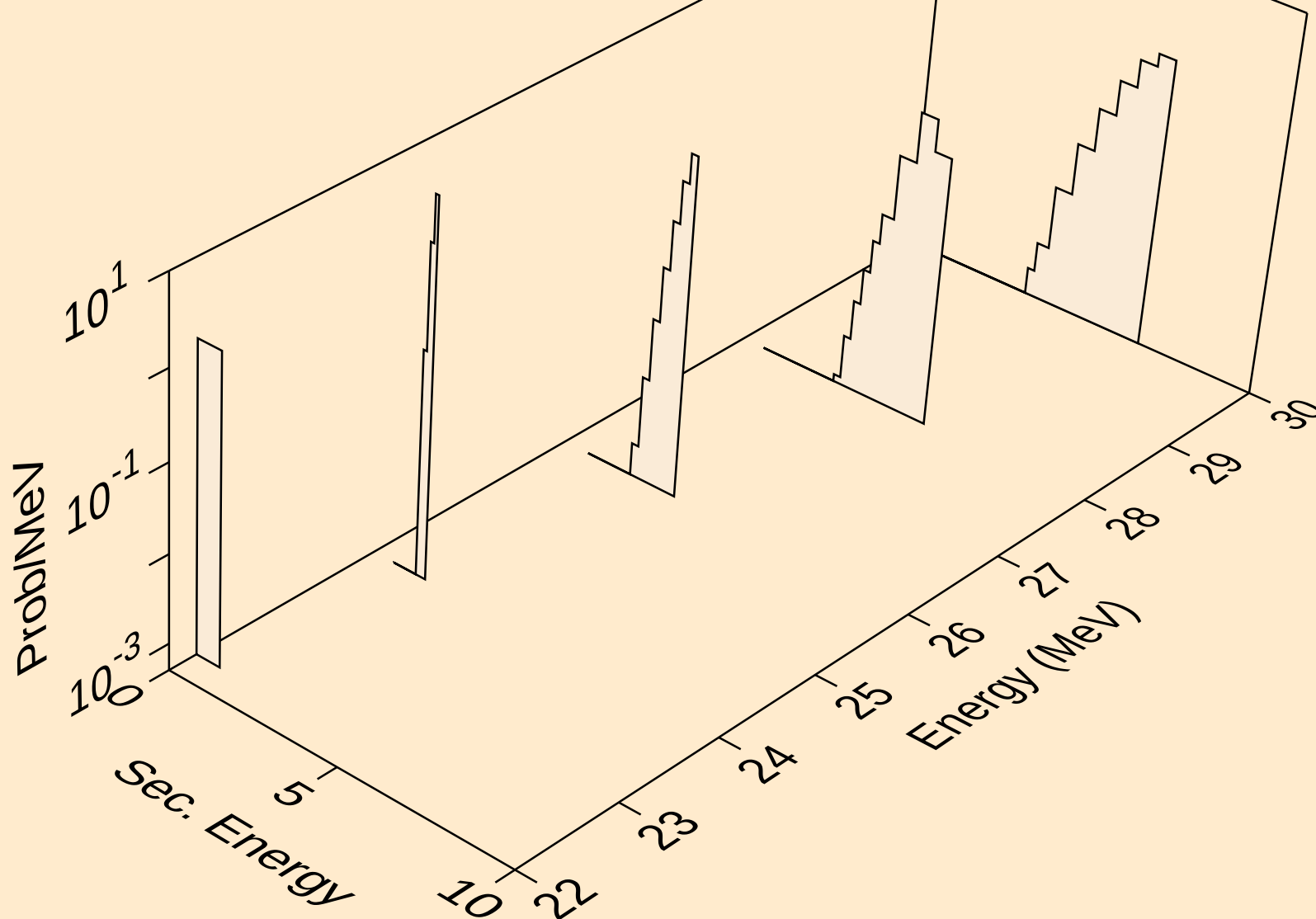
SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
tritons from (a,pt)



SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
he3s from (a,x)



SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
he3s from (a,n*)he3



SC049 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
he3s from (a,he3)

