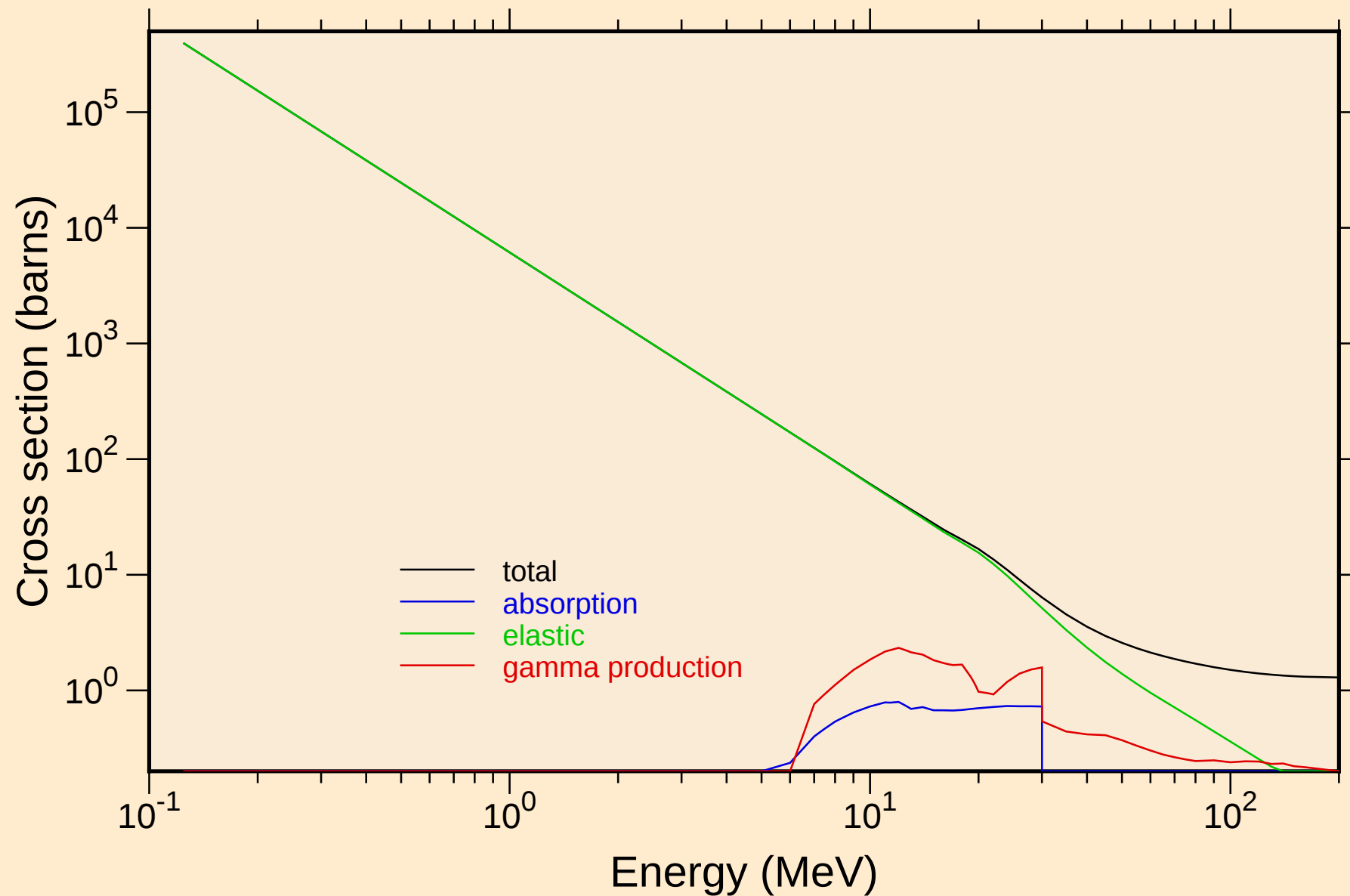


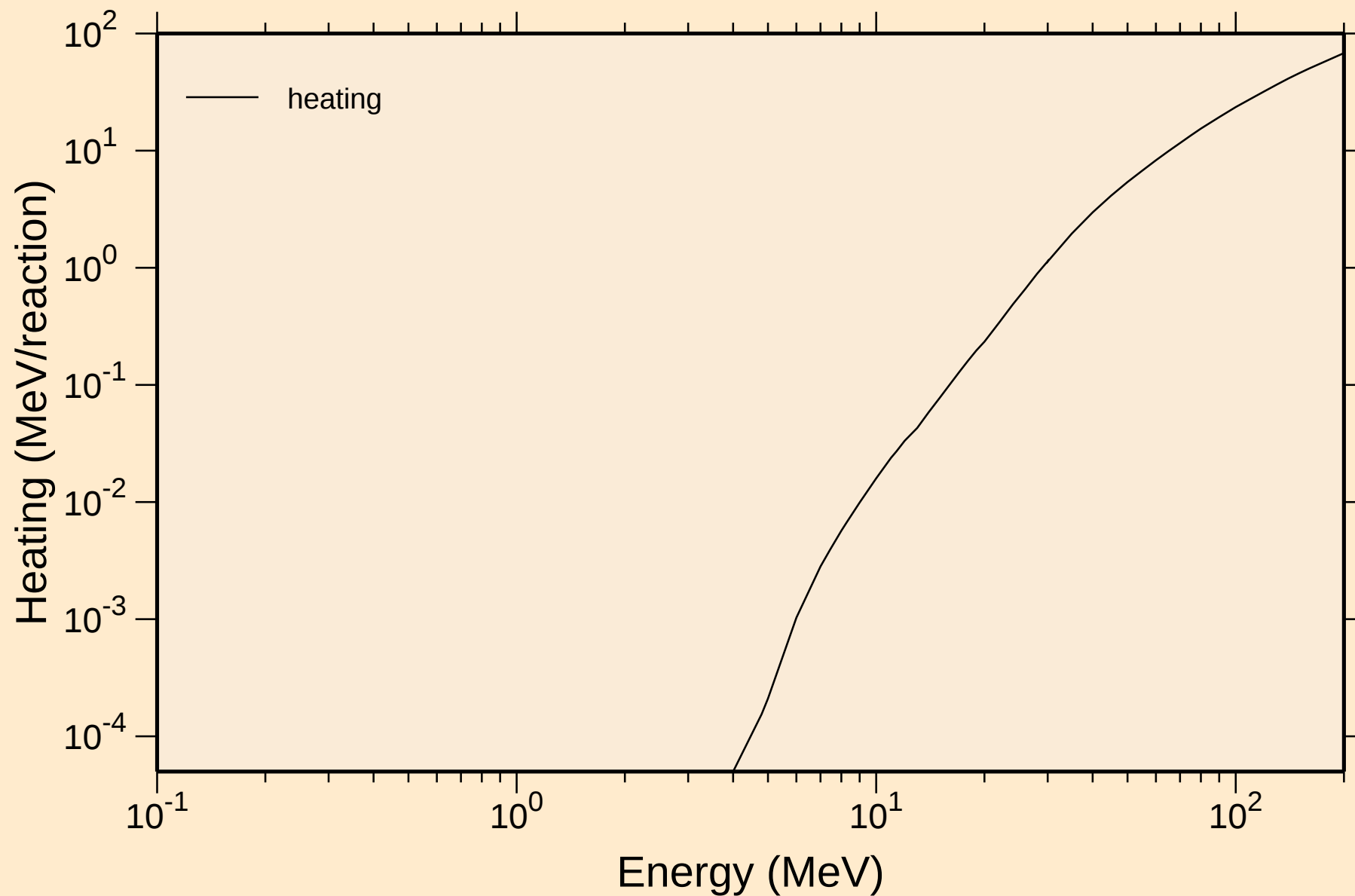
SI031 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections



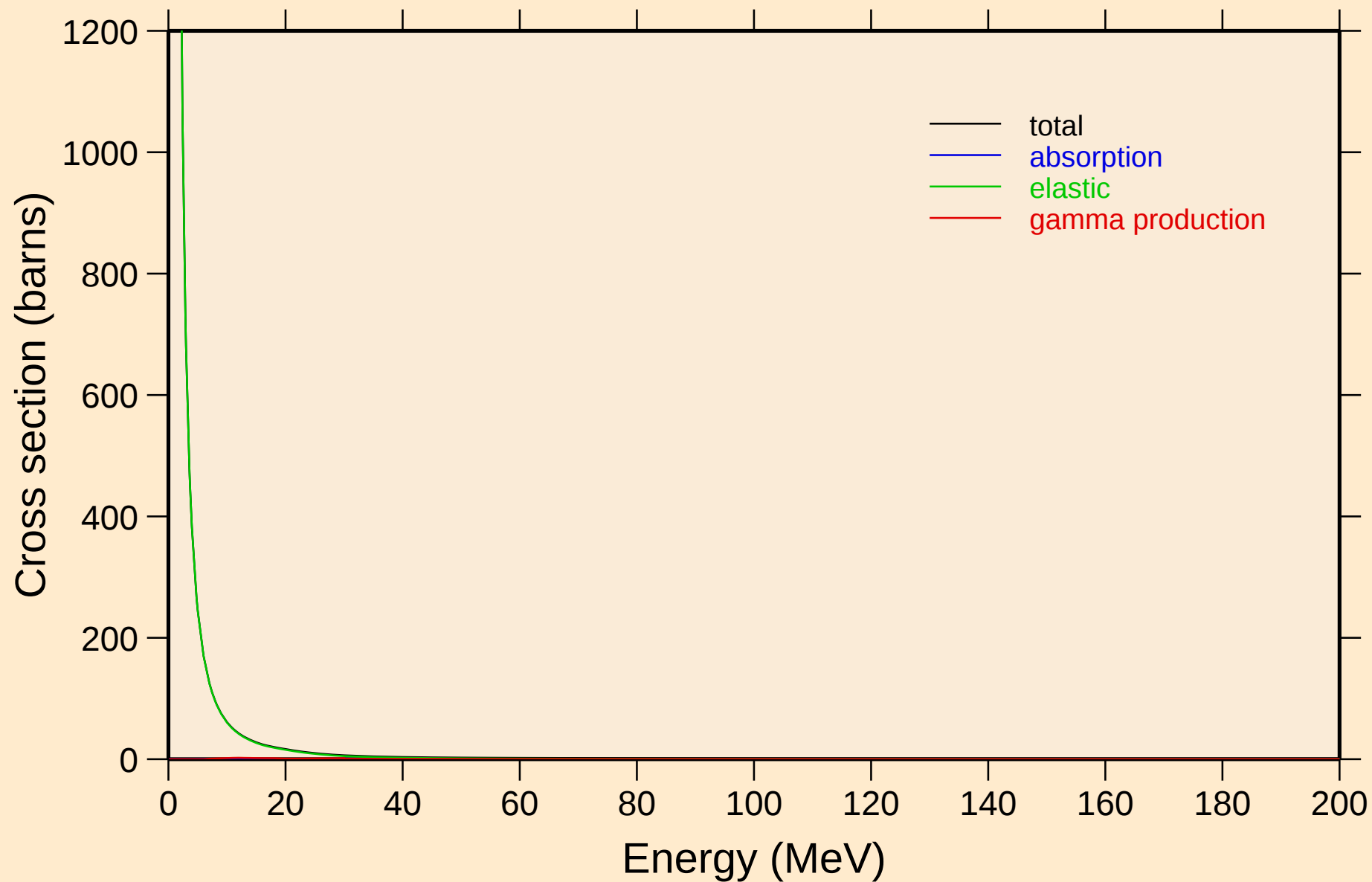
SI031 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Heating



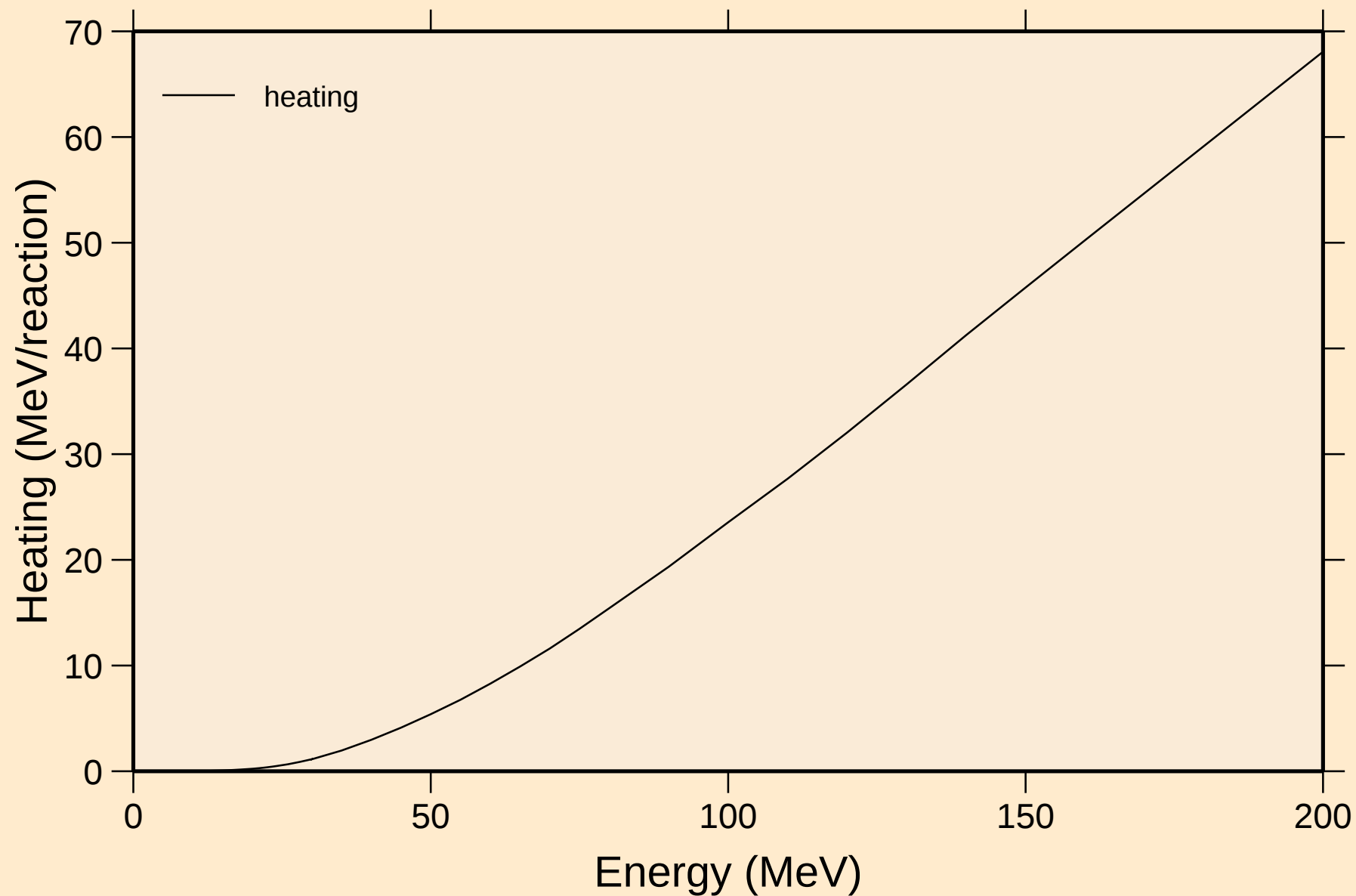
SI031 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections



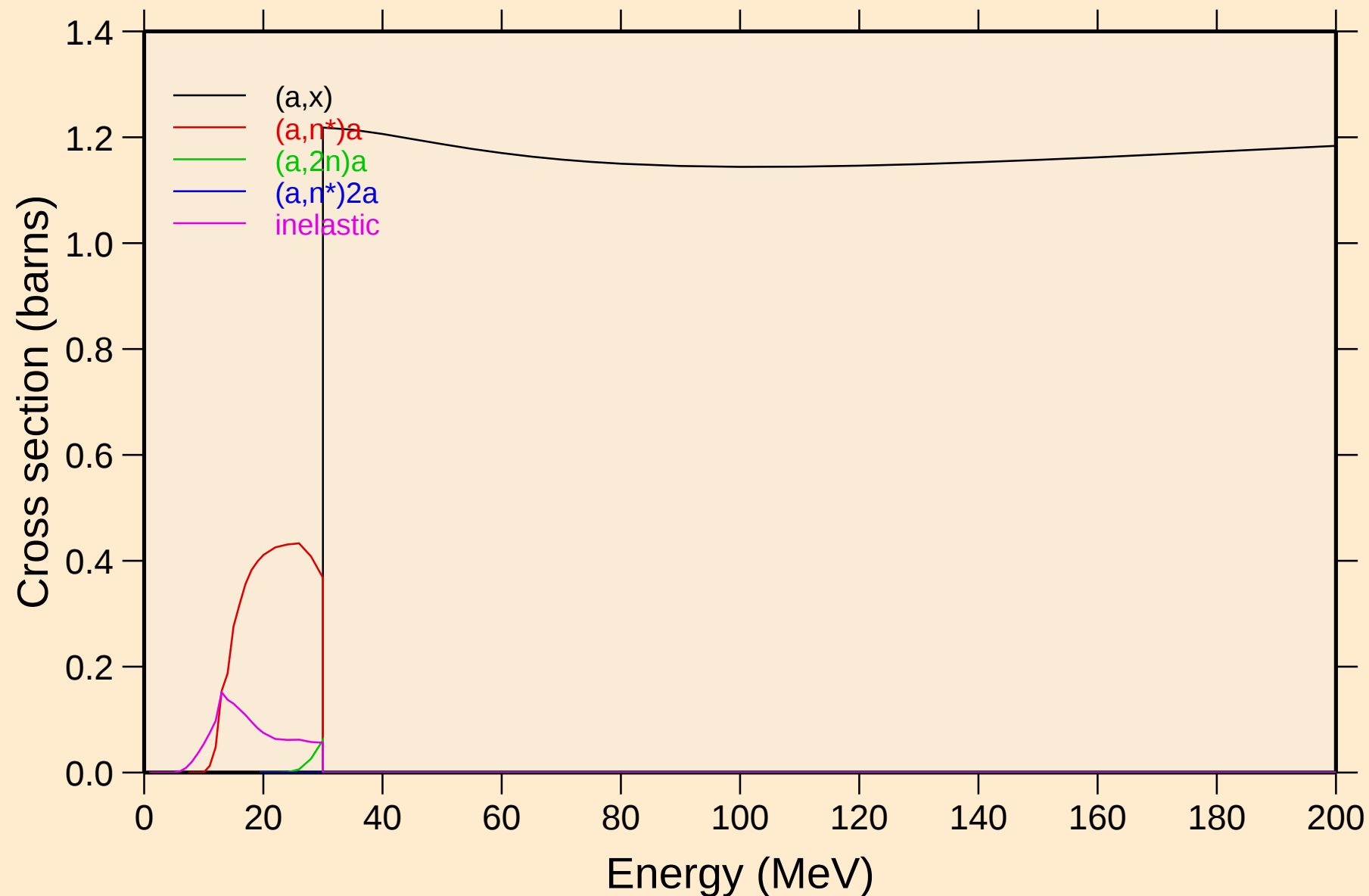
SI031 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Heating



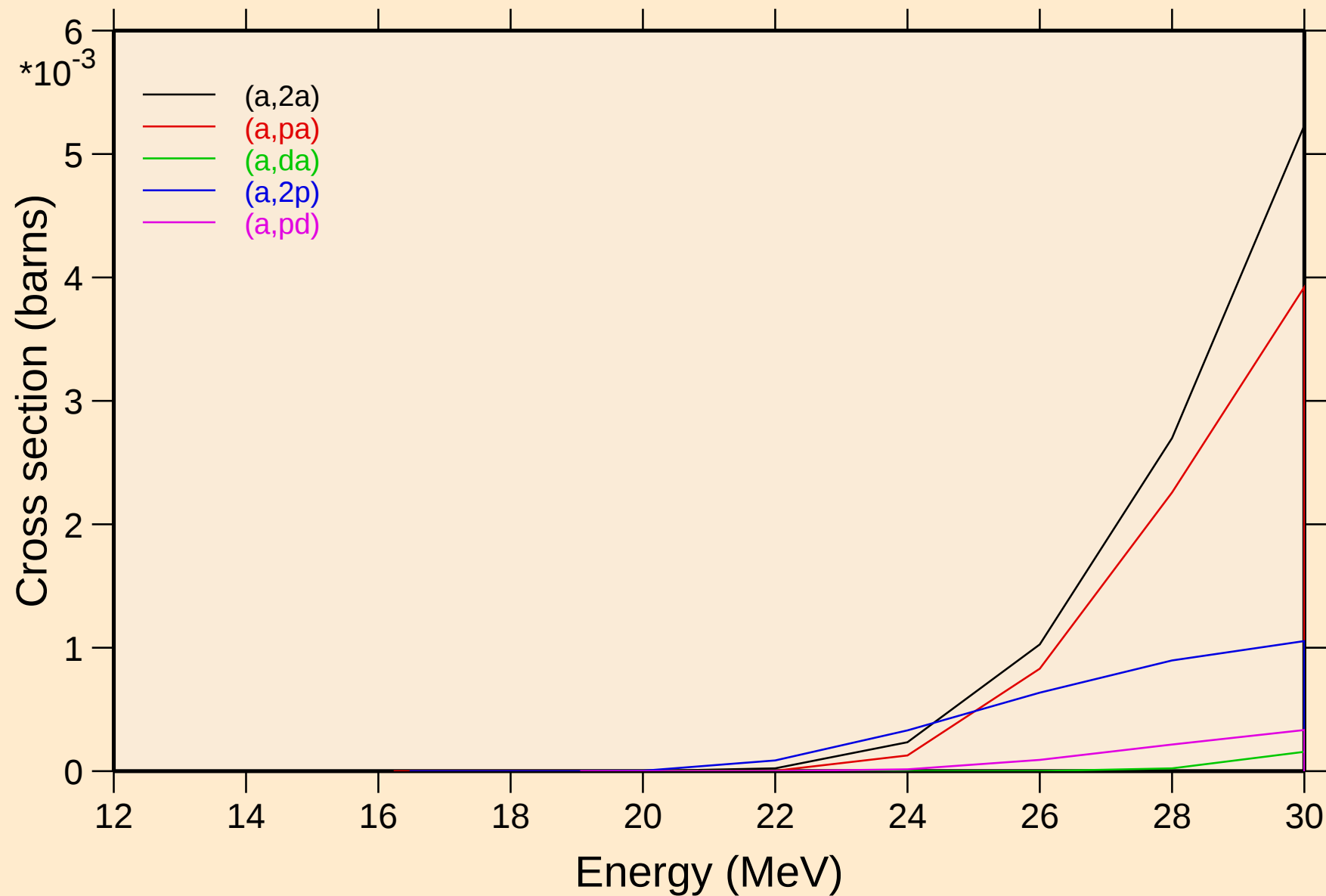
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Threshold reactions



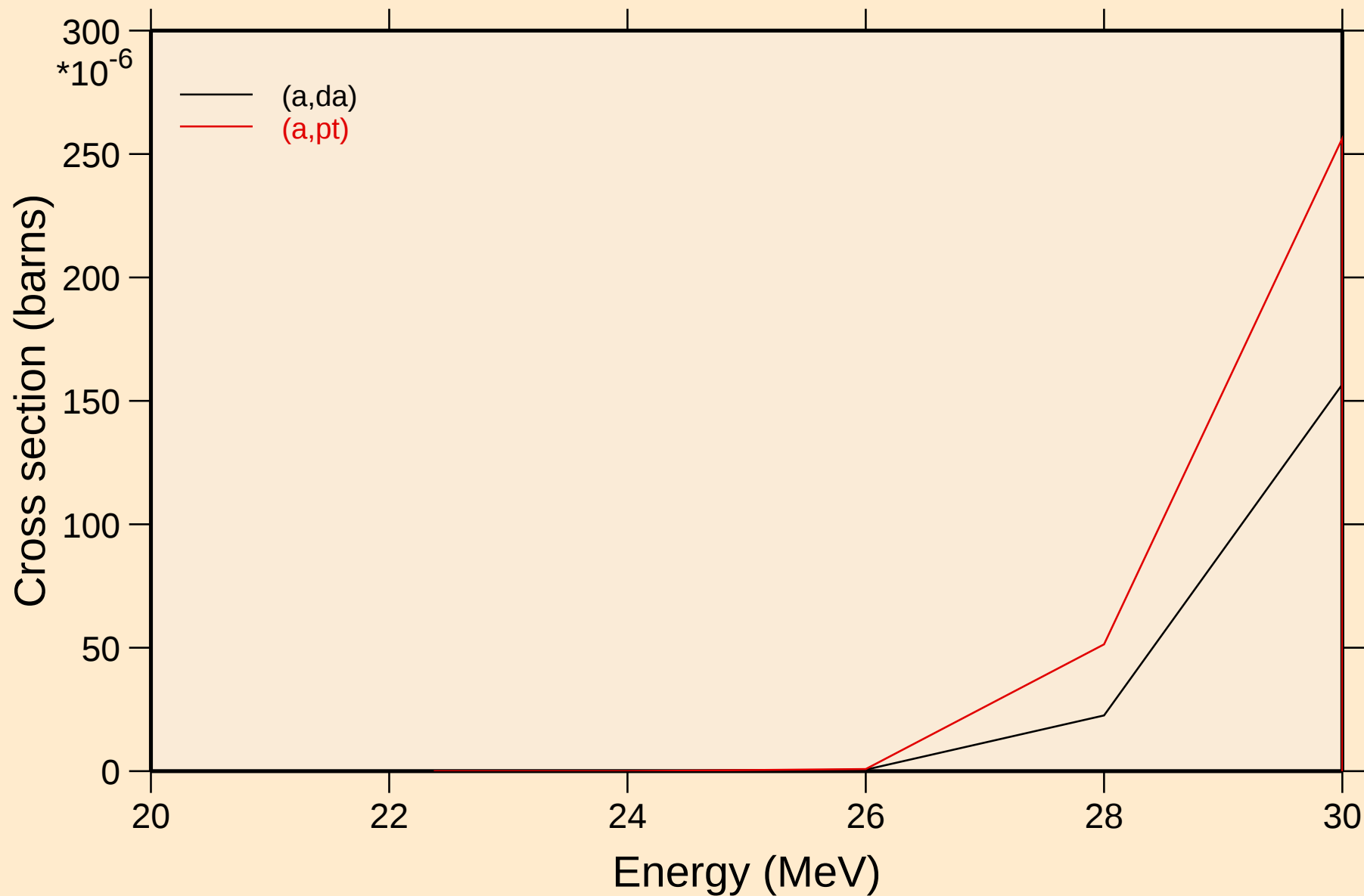
SI031 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions



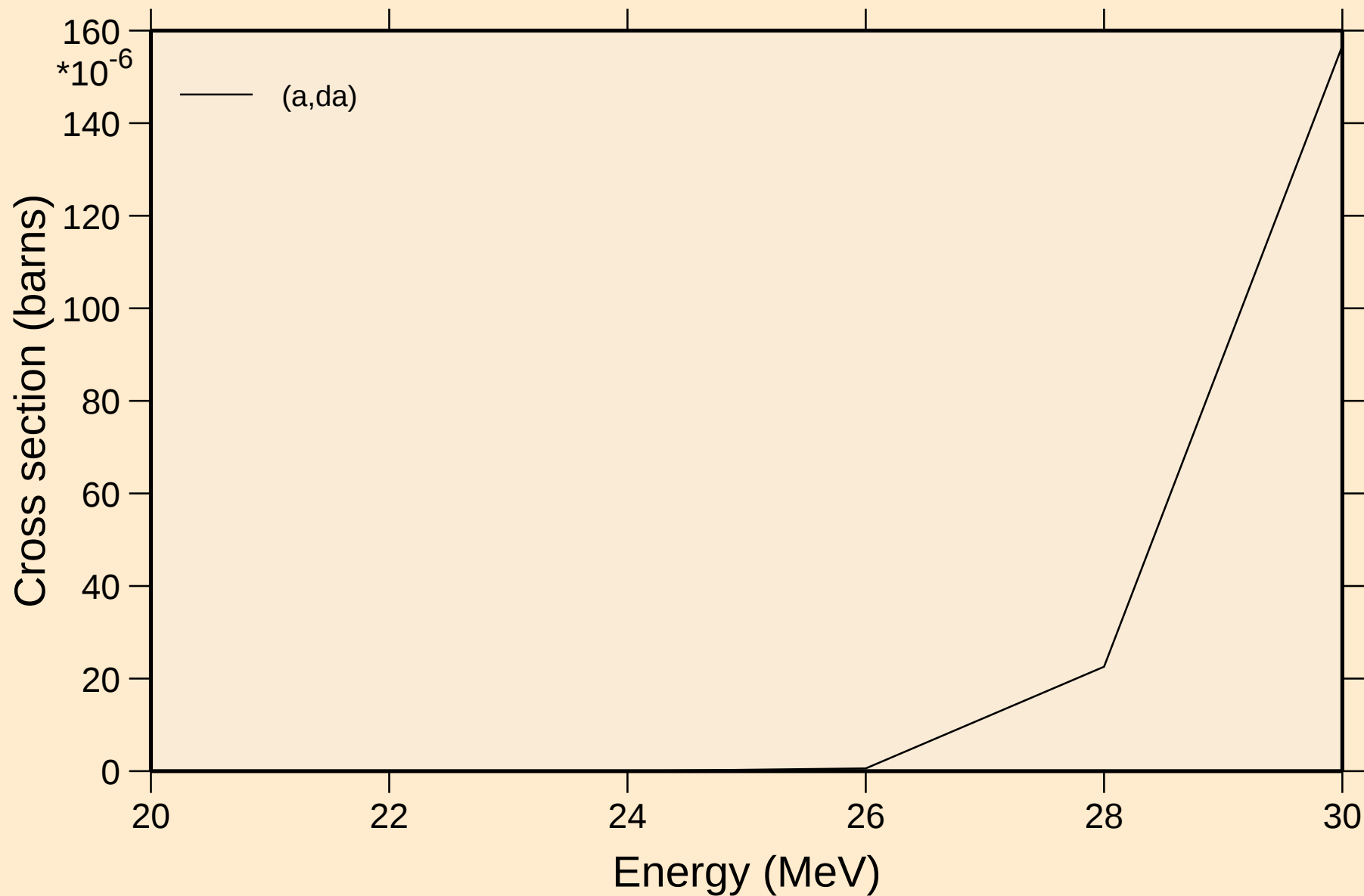
SI031 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions

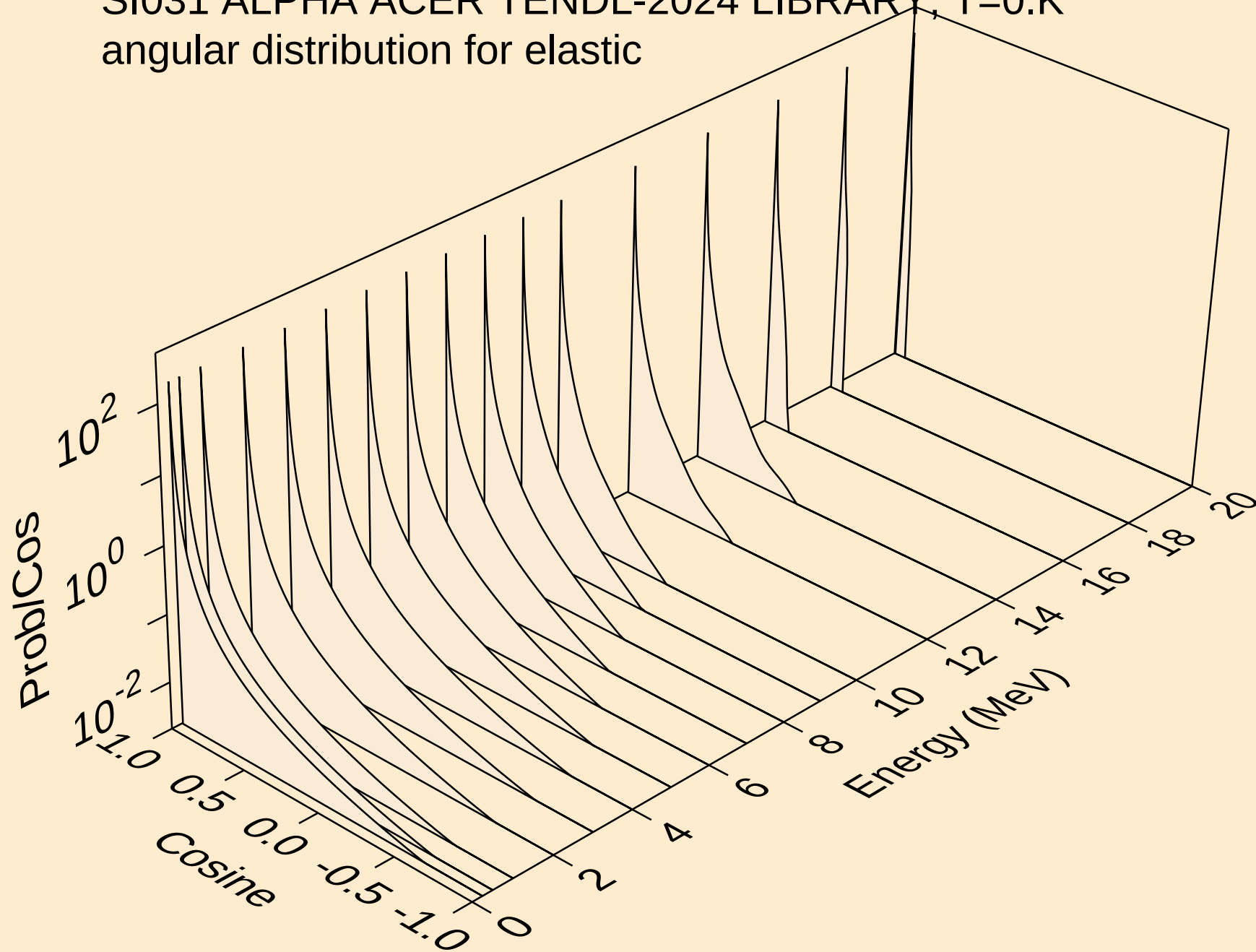


SI031 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

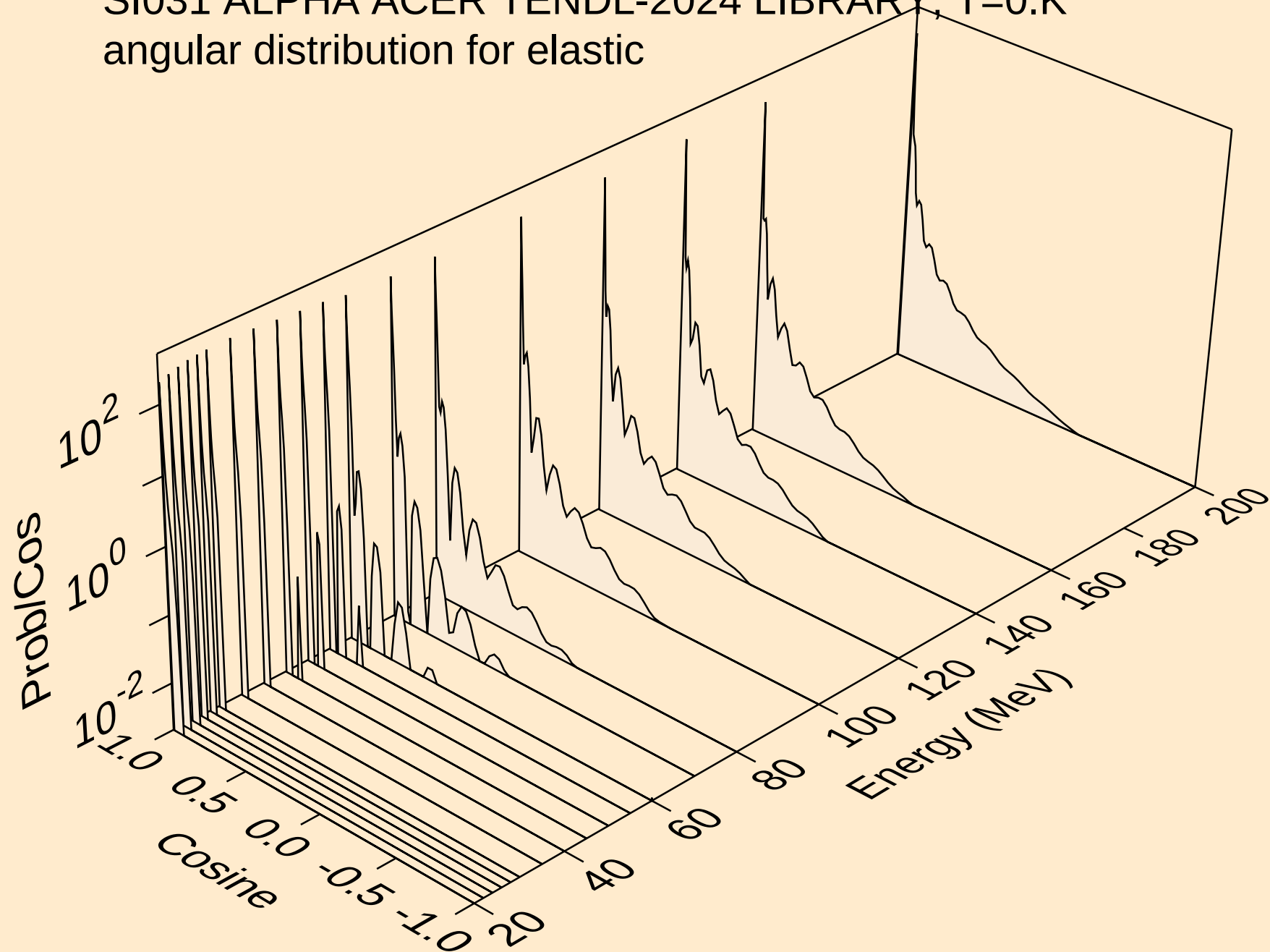
Threshold reactions



SI031 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic

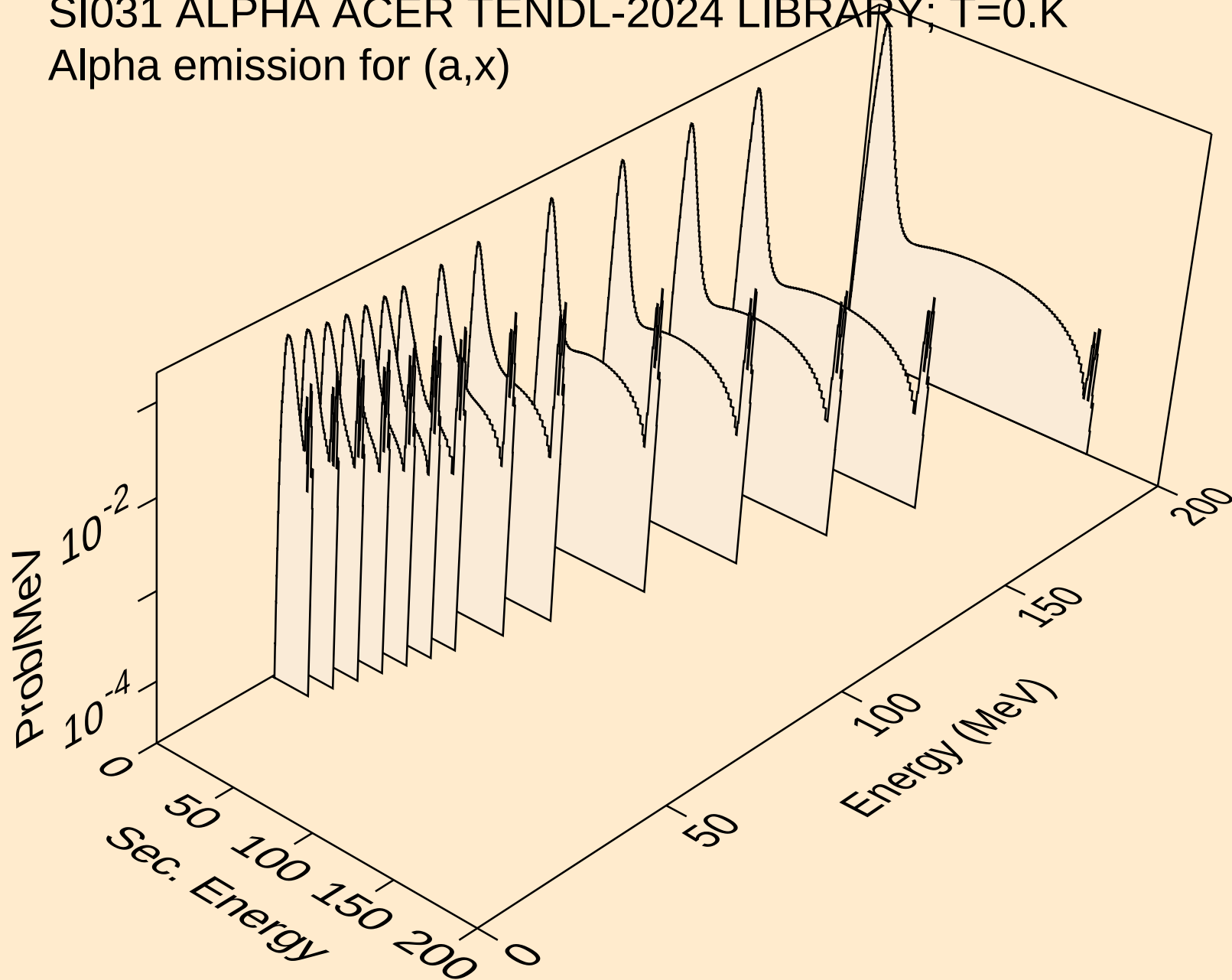


SI031 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic



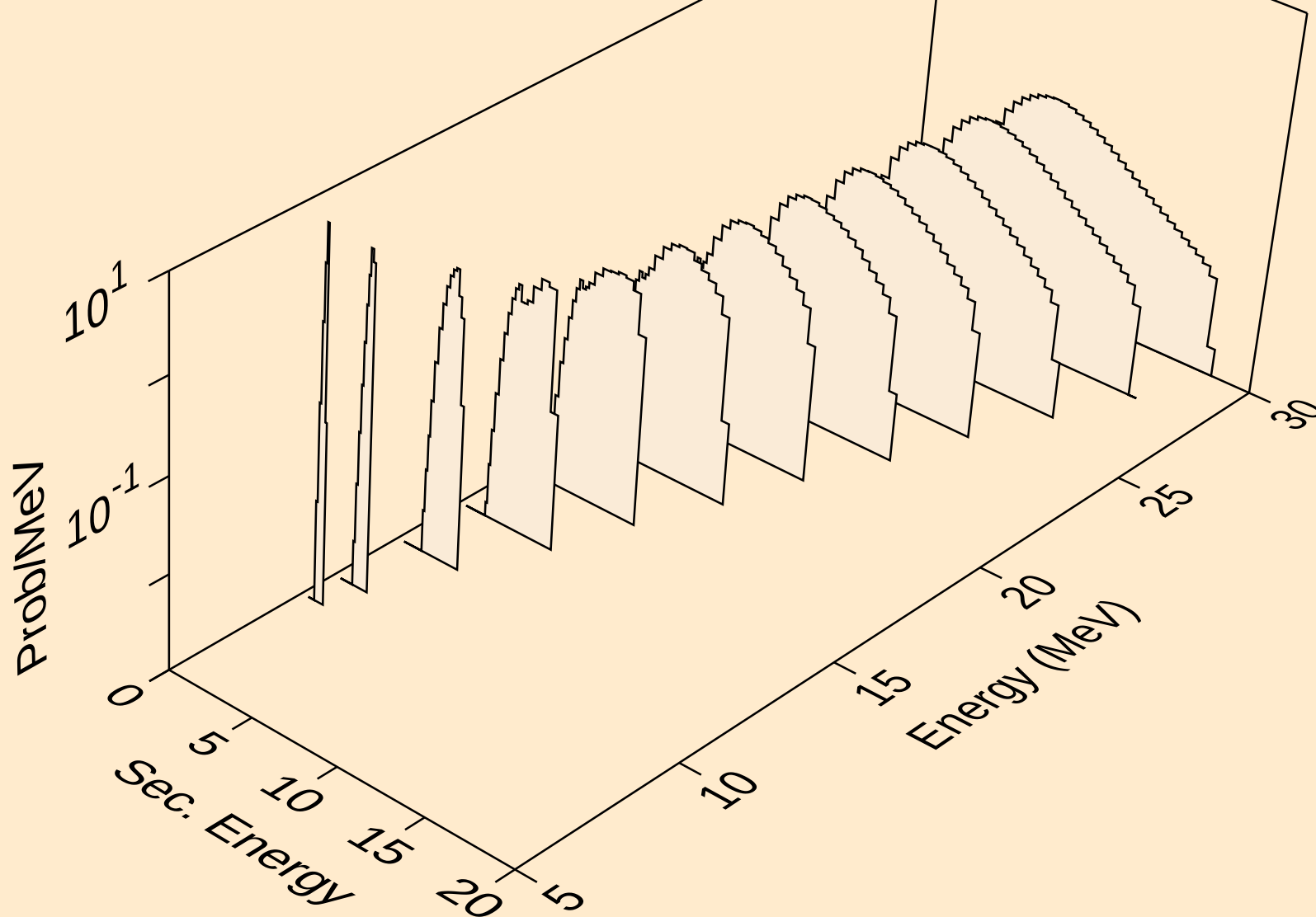
SI031 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,x)



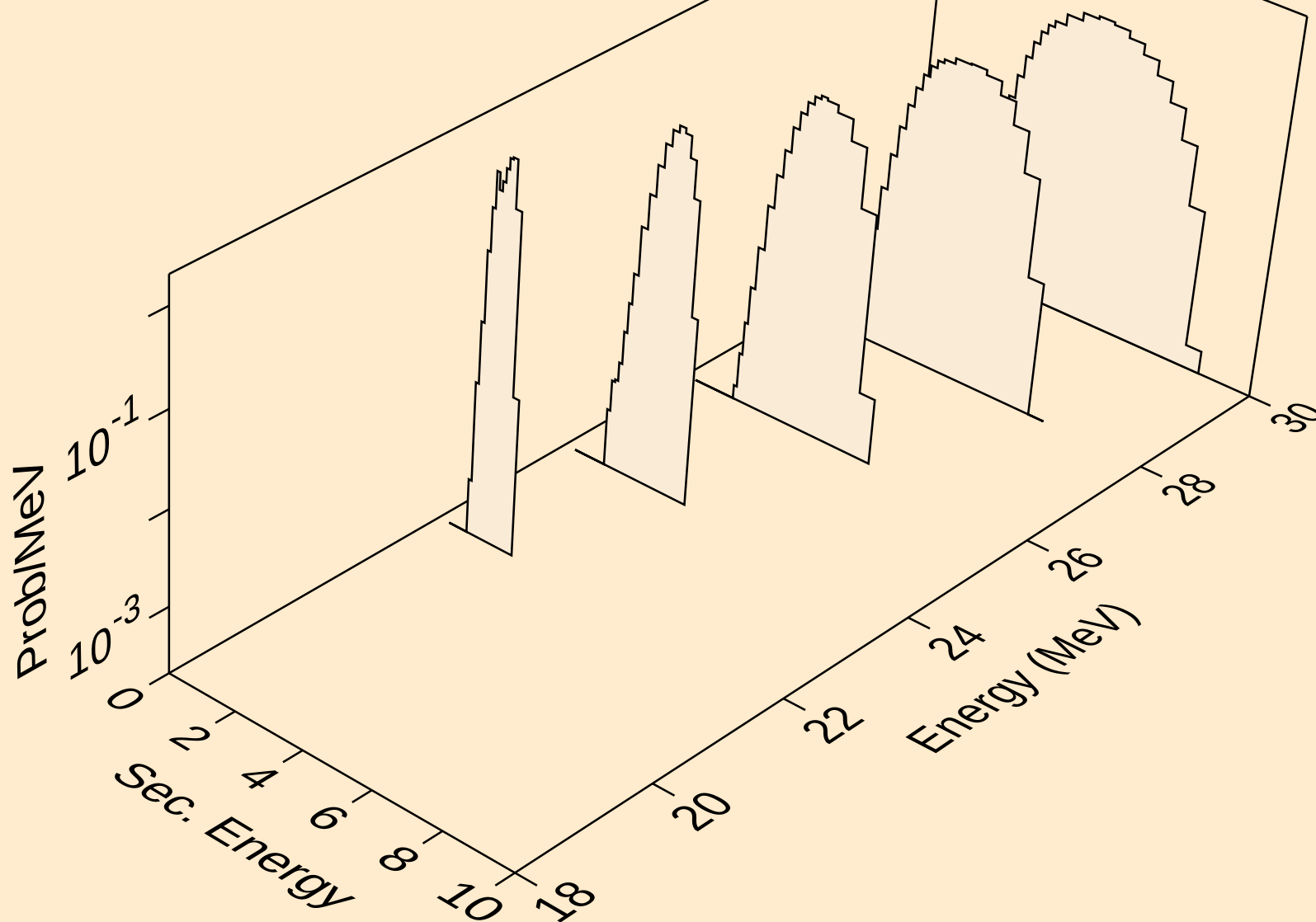
SI031 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,n*)a



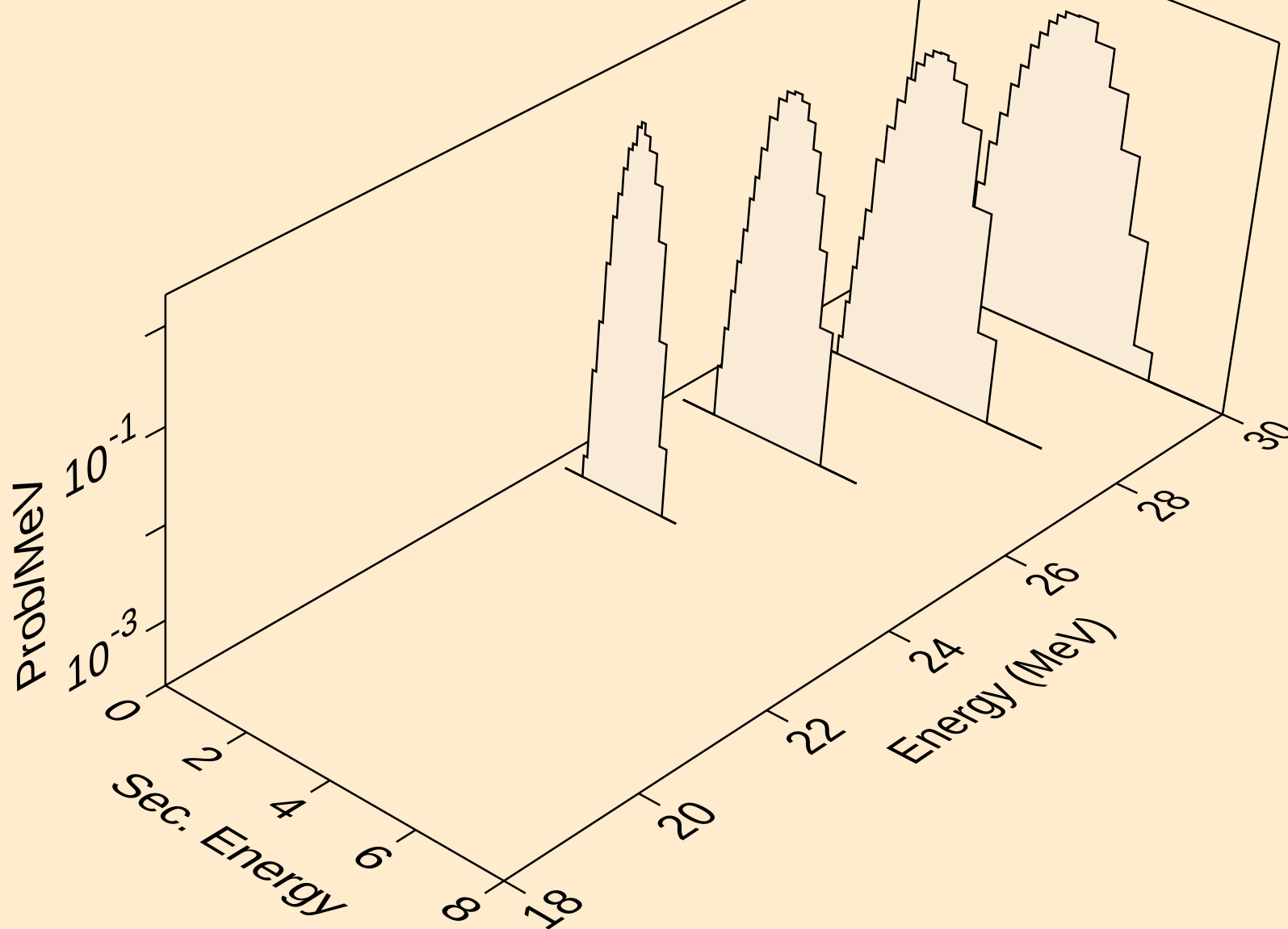
SI031 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,2n)a



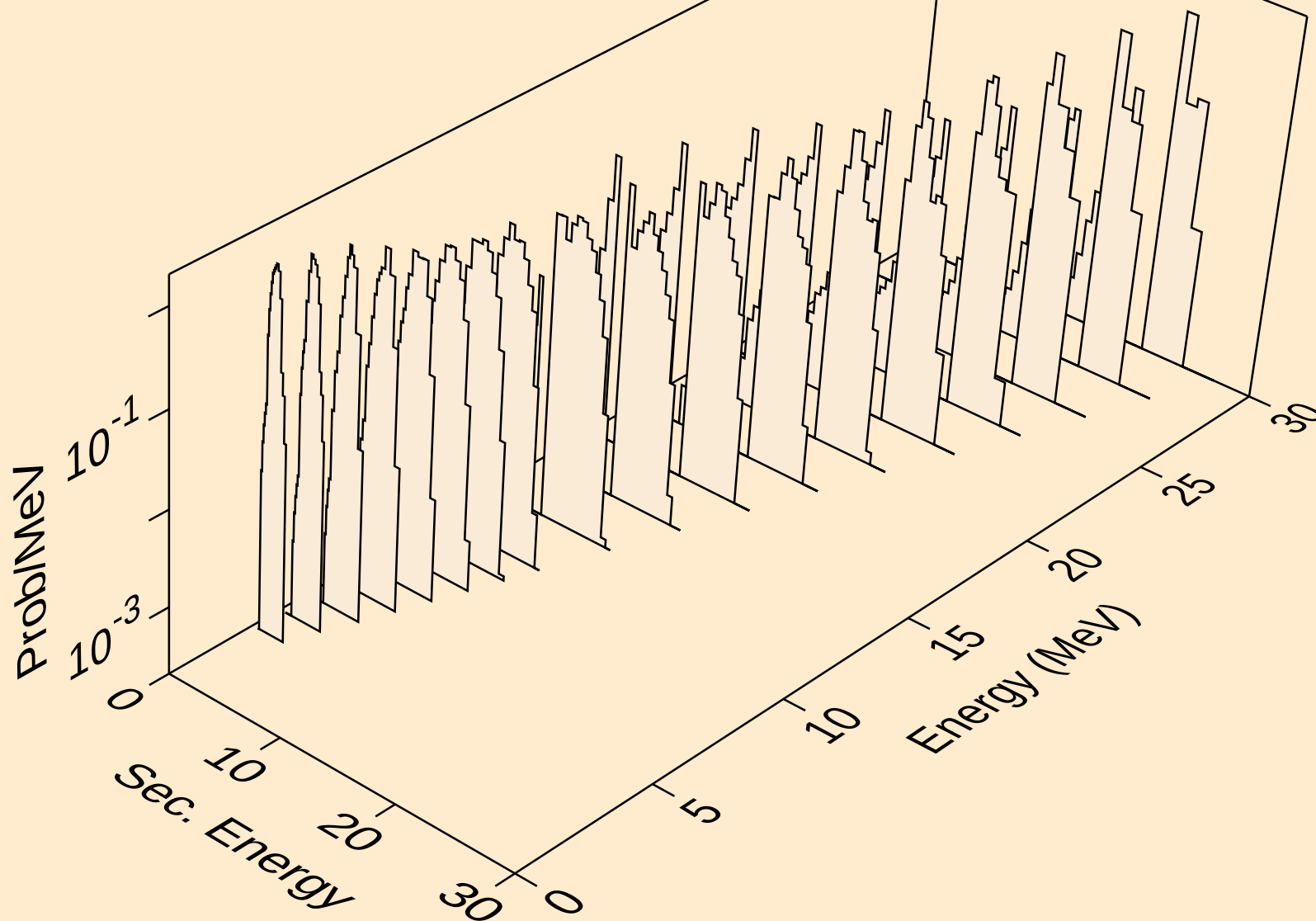
SI031 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,n*)2a

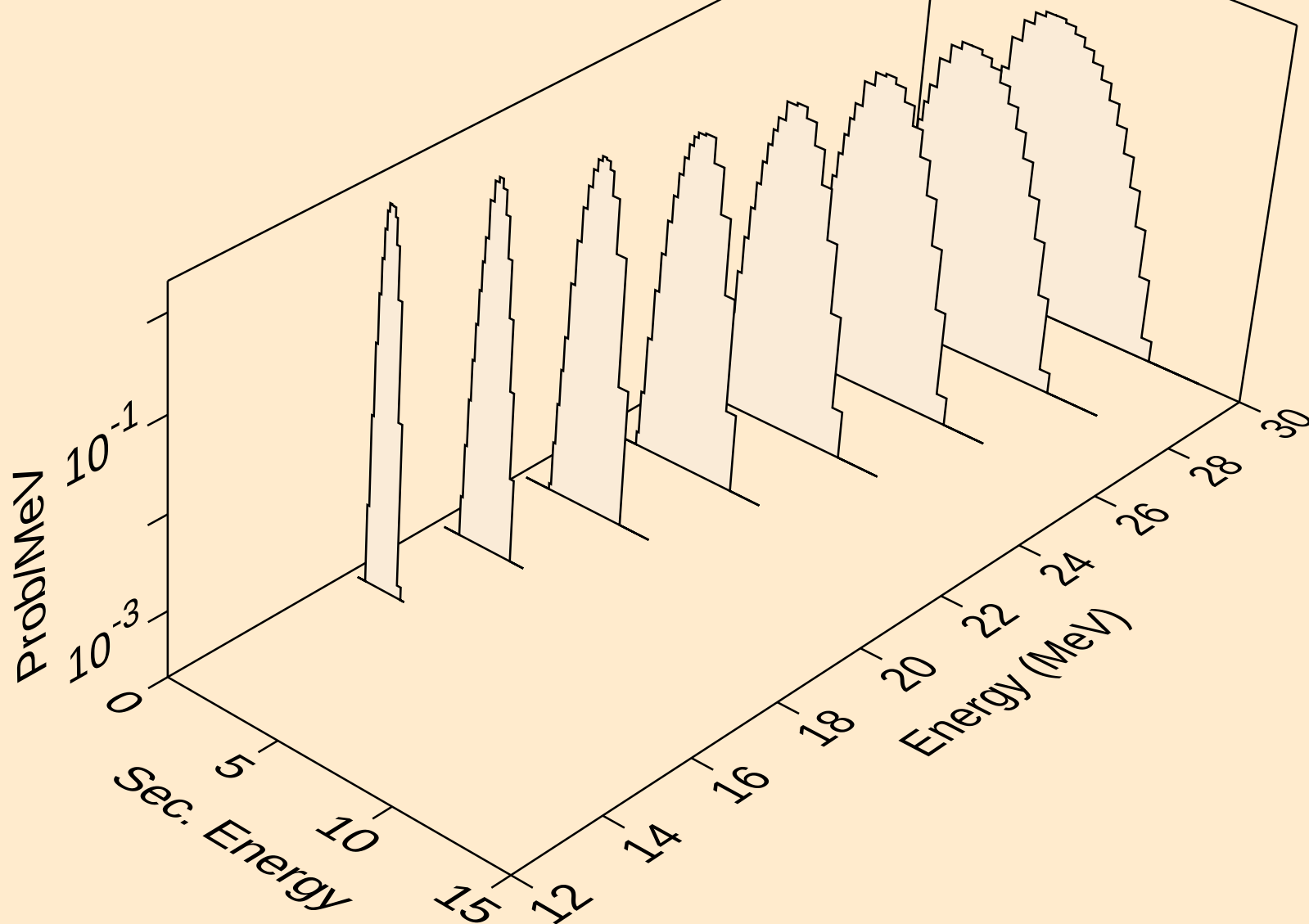


SI031 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for inelastic

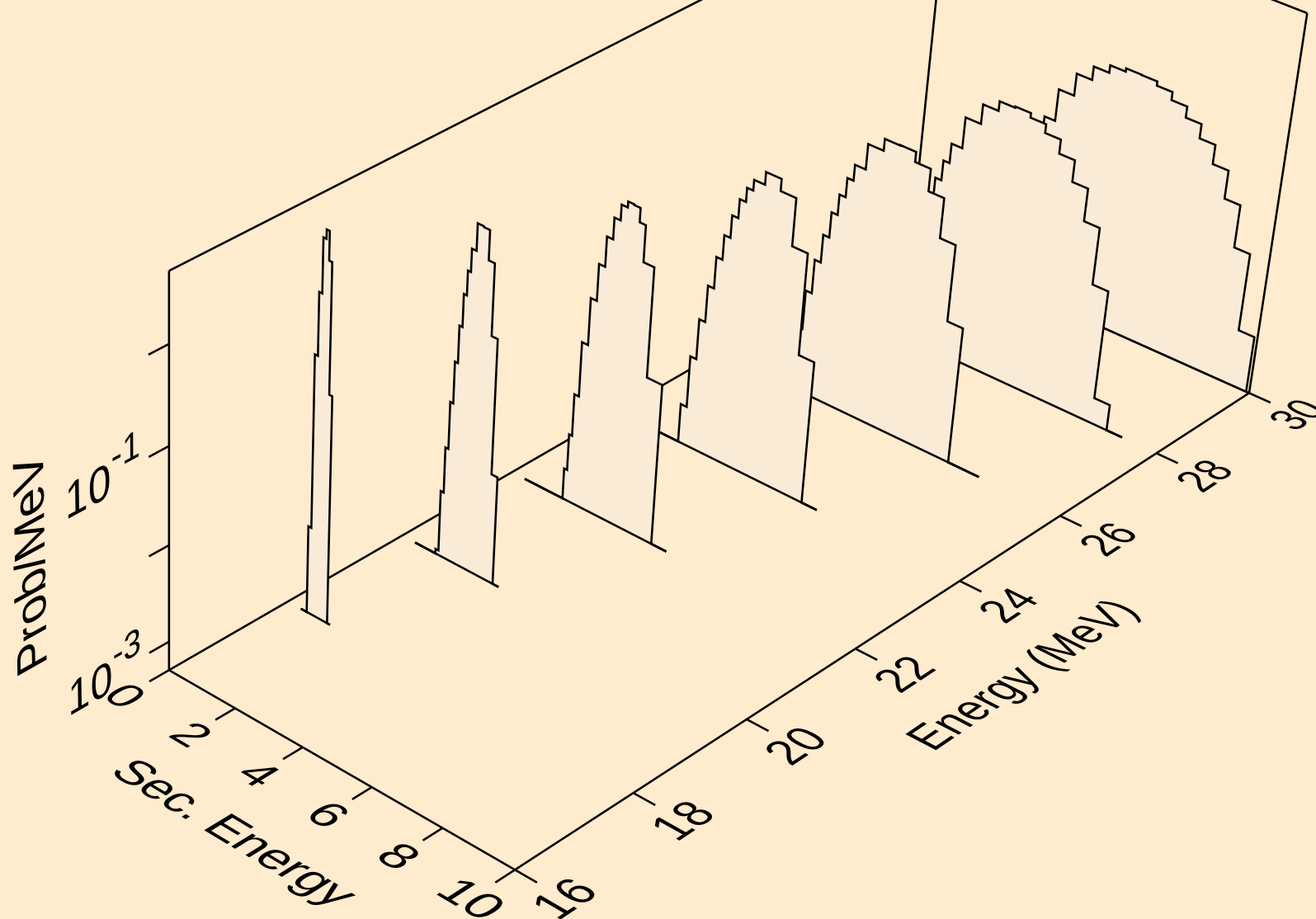


SI031 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Alpha emission for (a,2a)

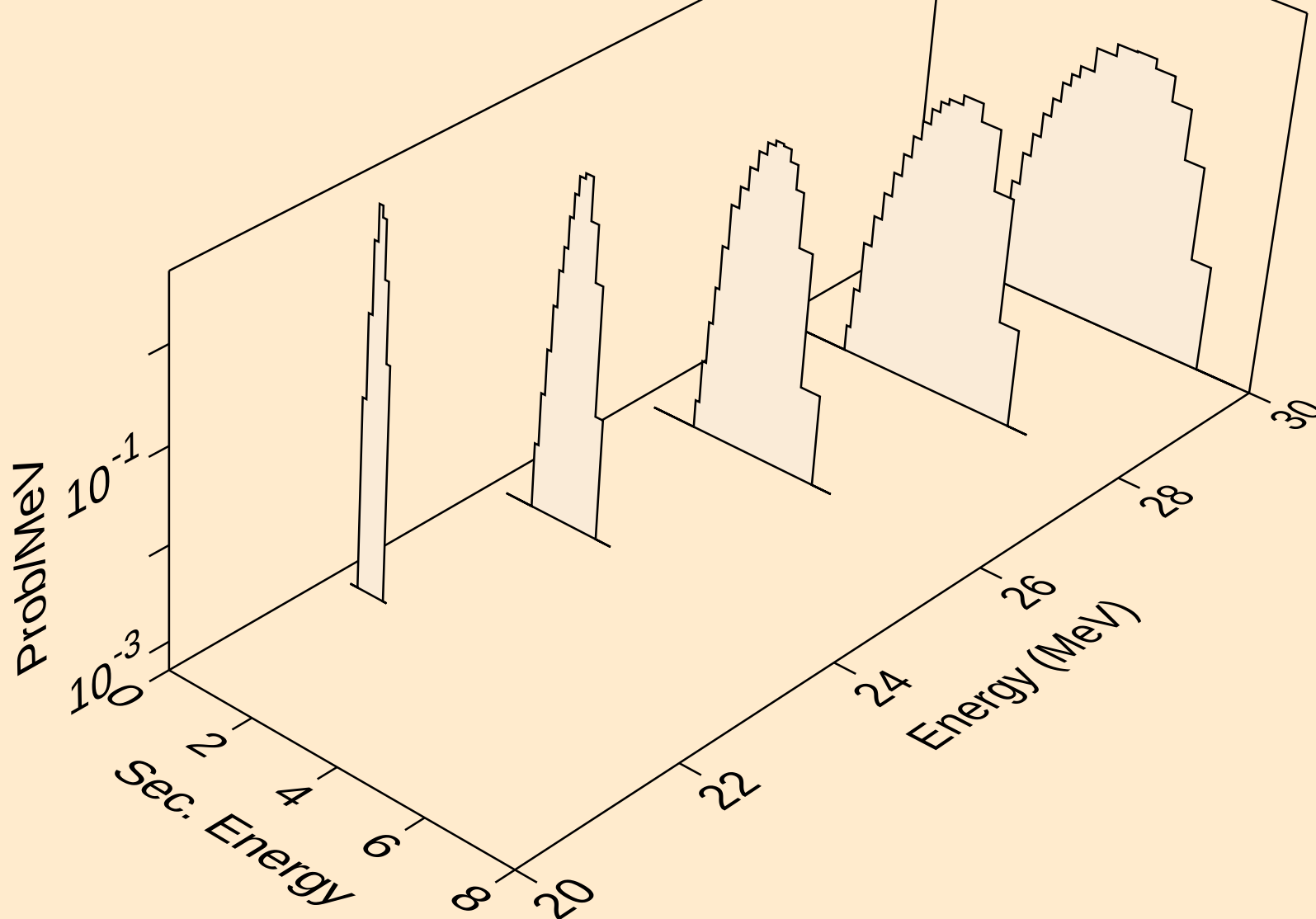


SI031 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

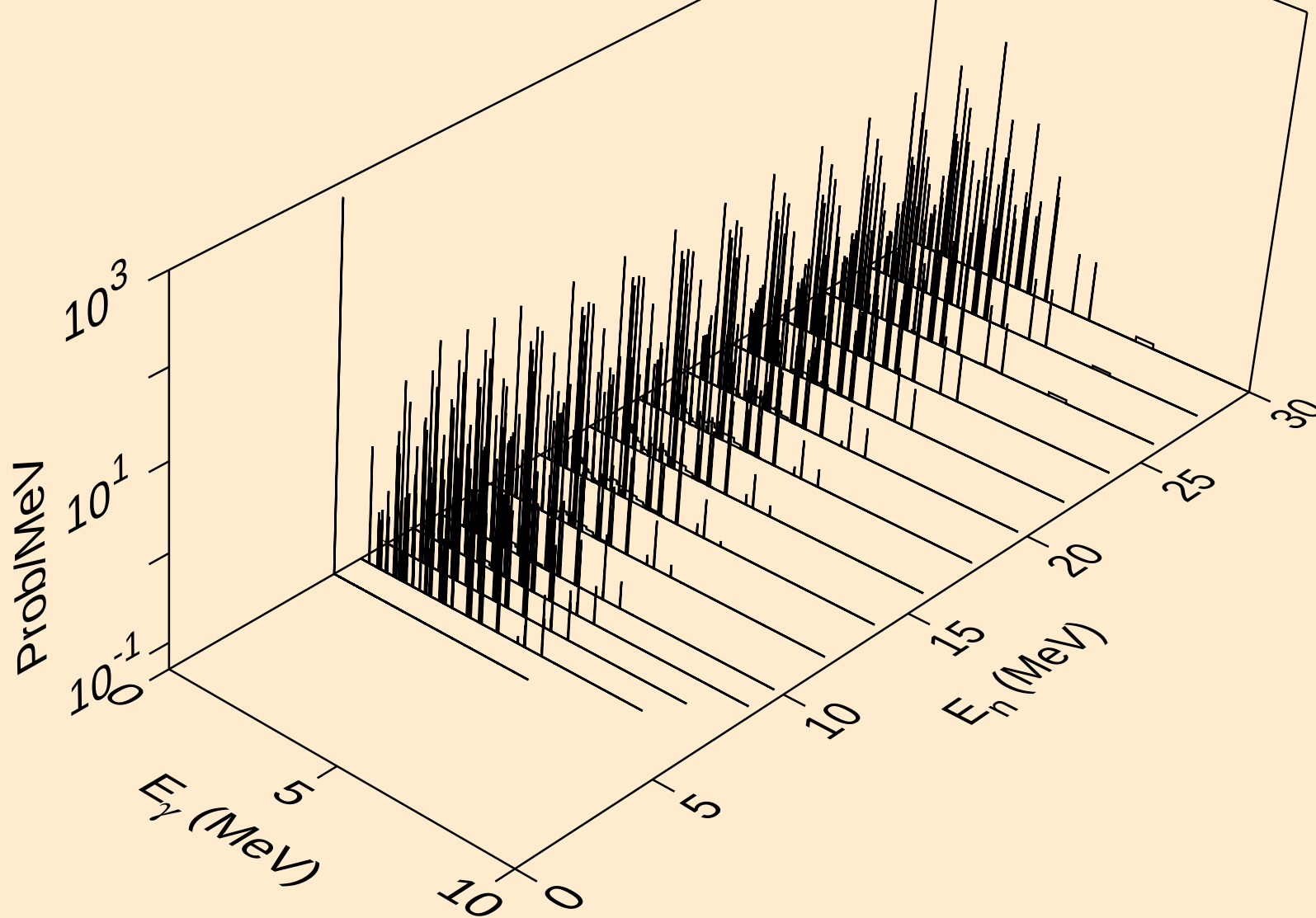
Alpha emission for (a,pa)



SI031 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Alpha emission for (a,da)

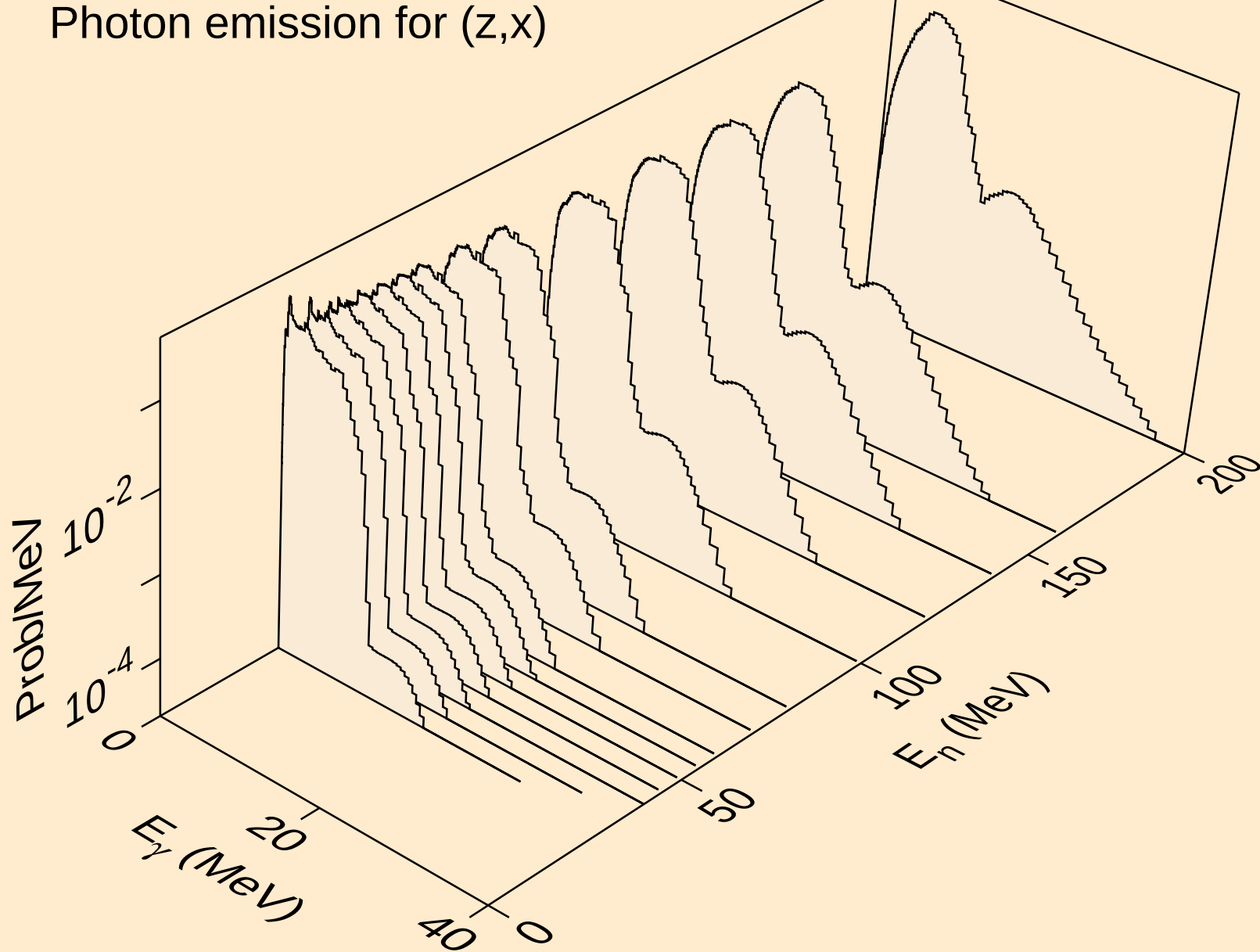


SI031 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (z,n)

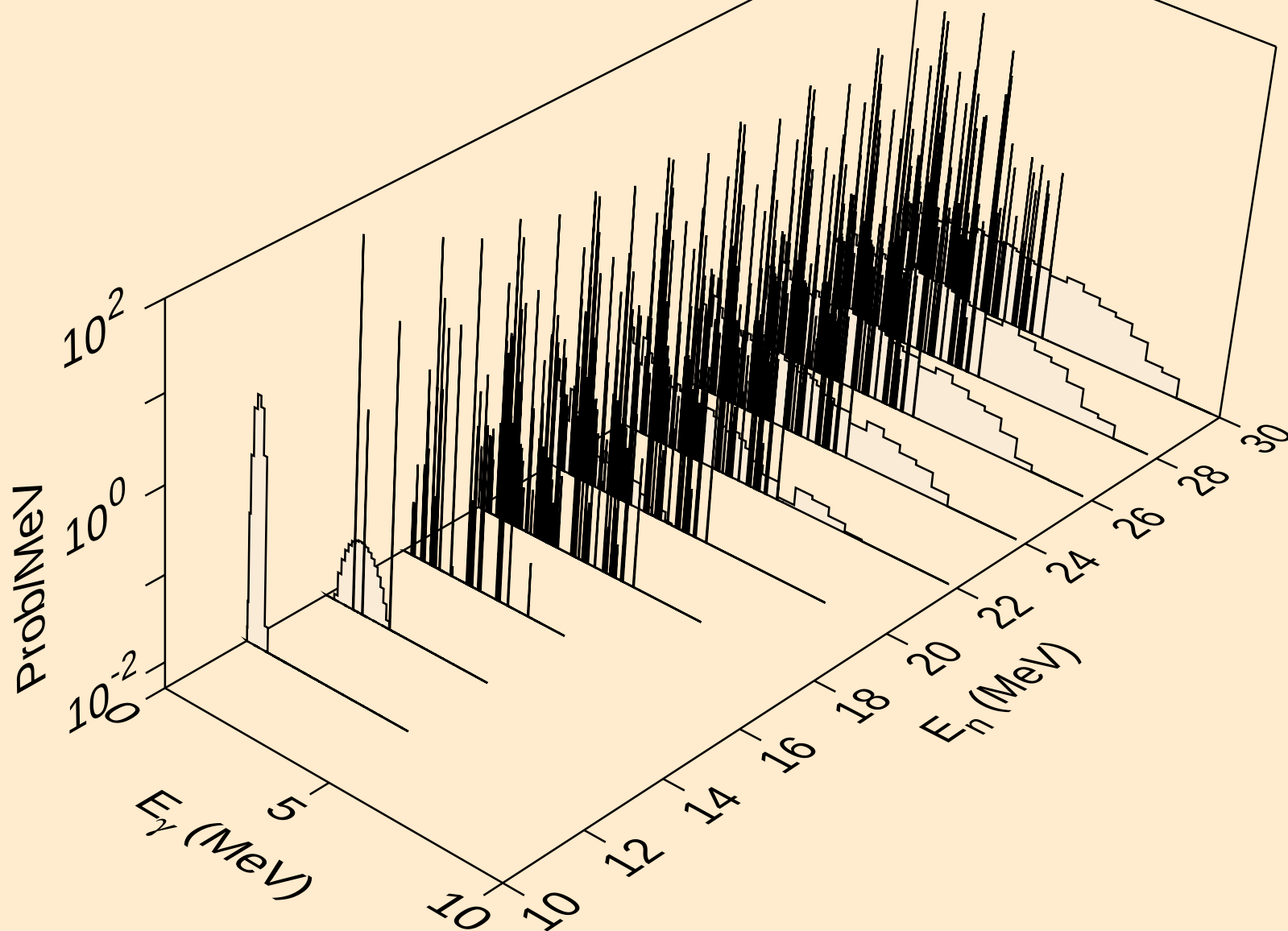


SI031 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

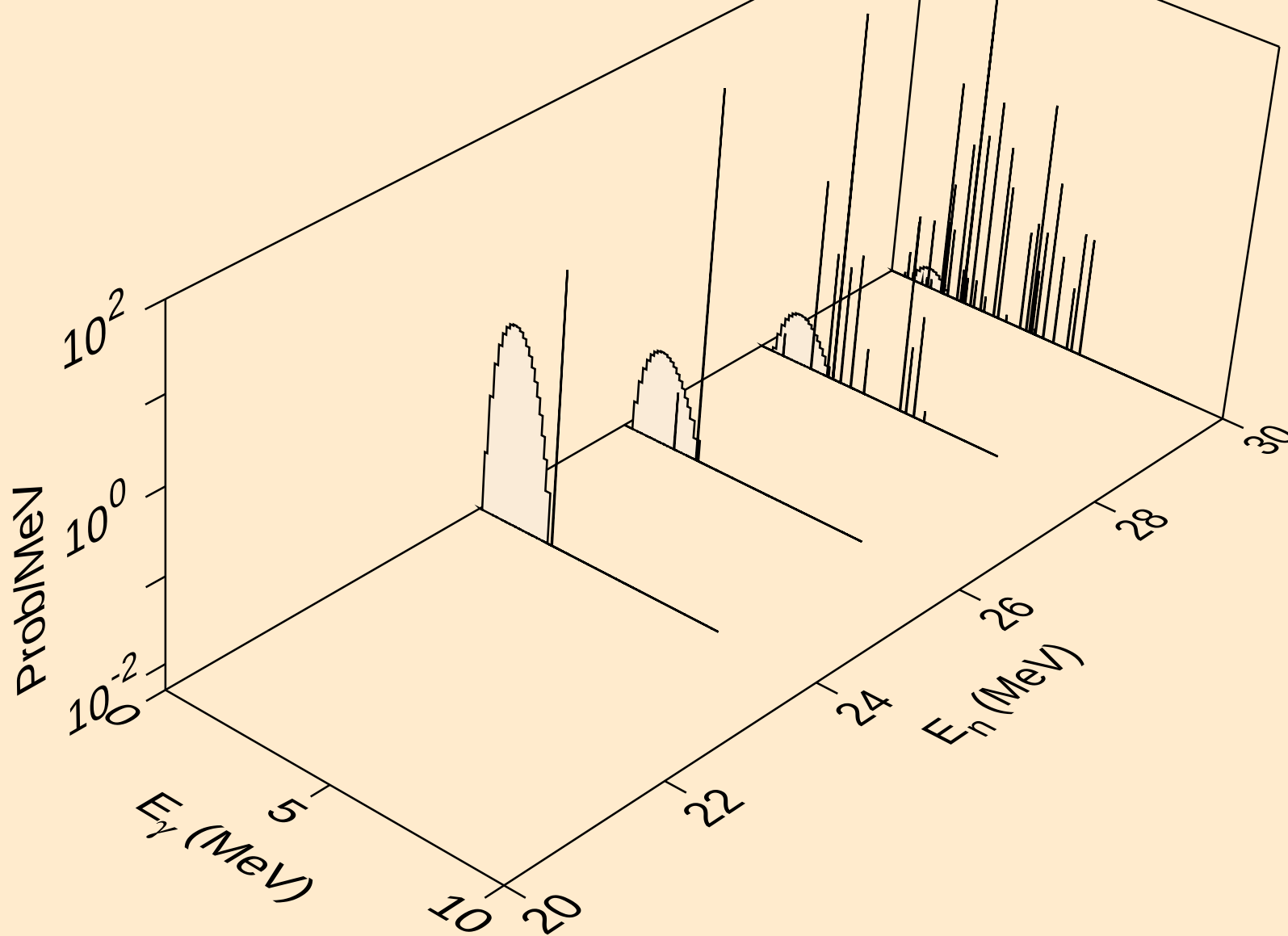
Photon emission for (z,x)



SI031 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n)

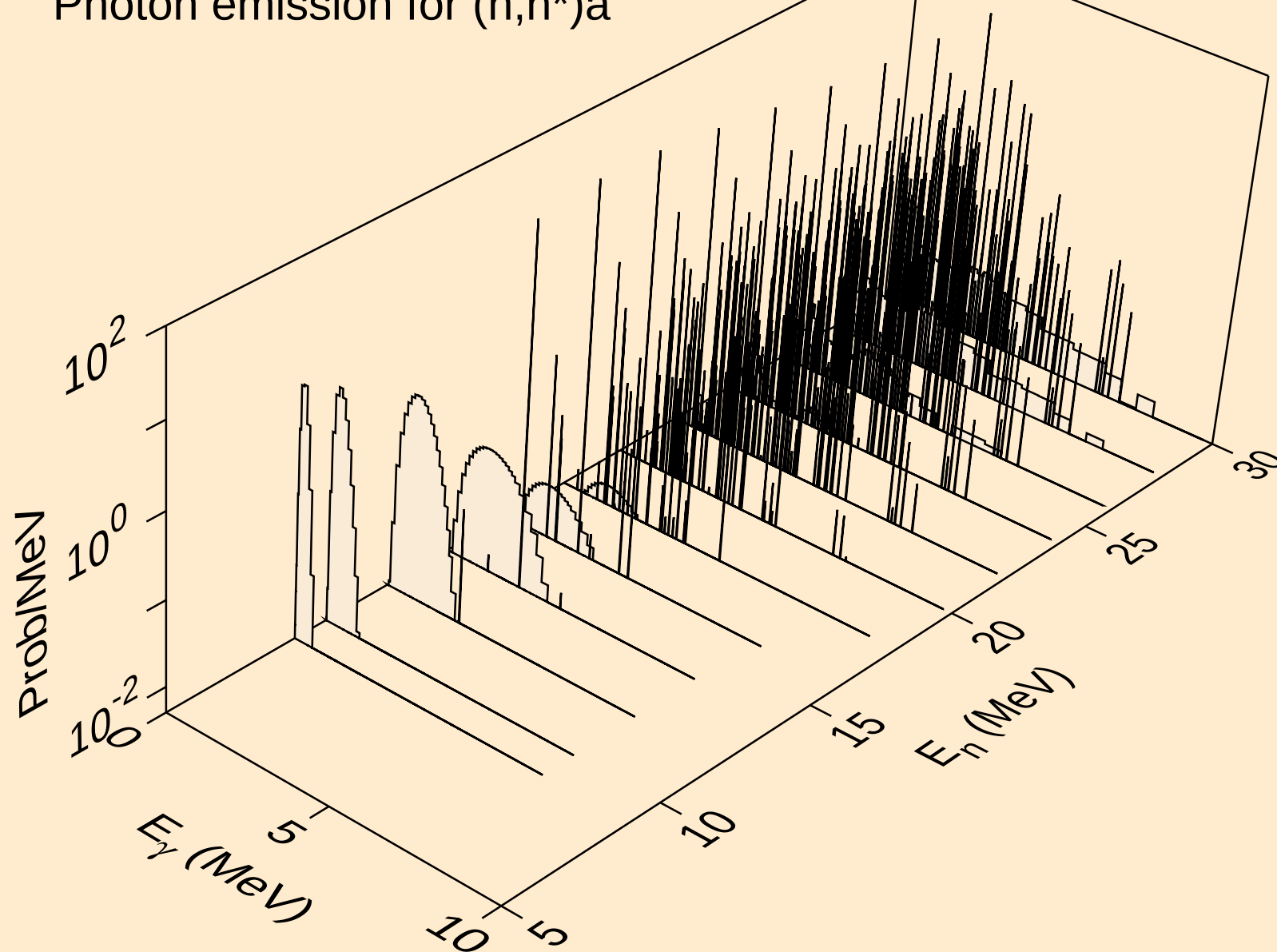


SI031 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3n)



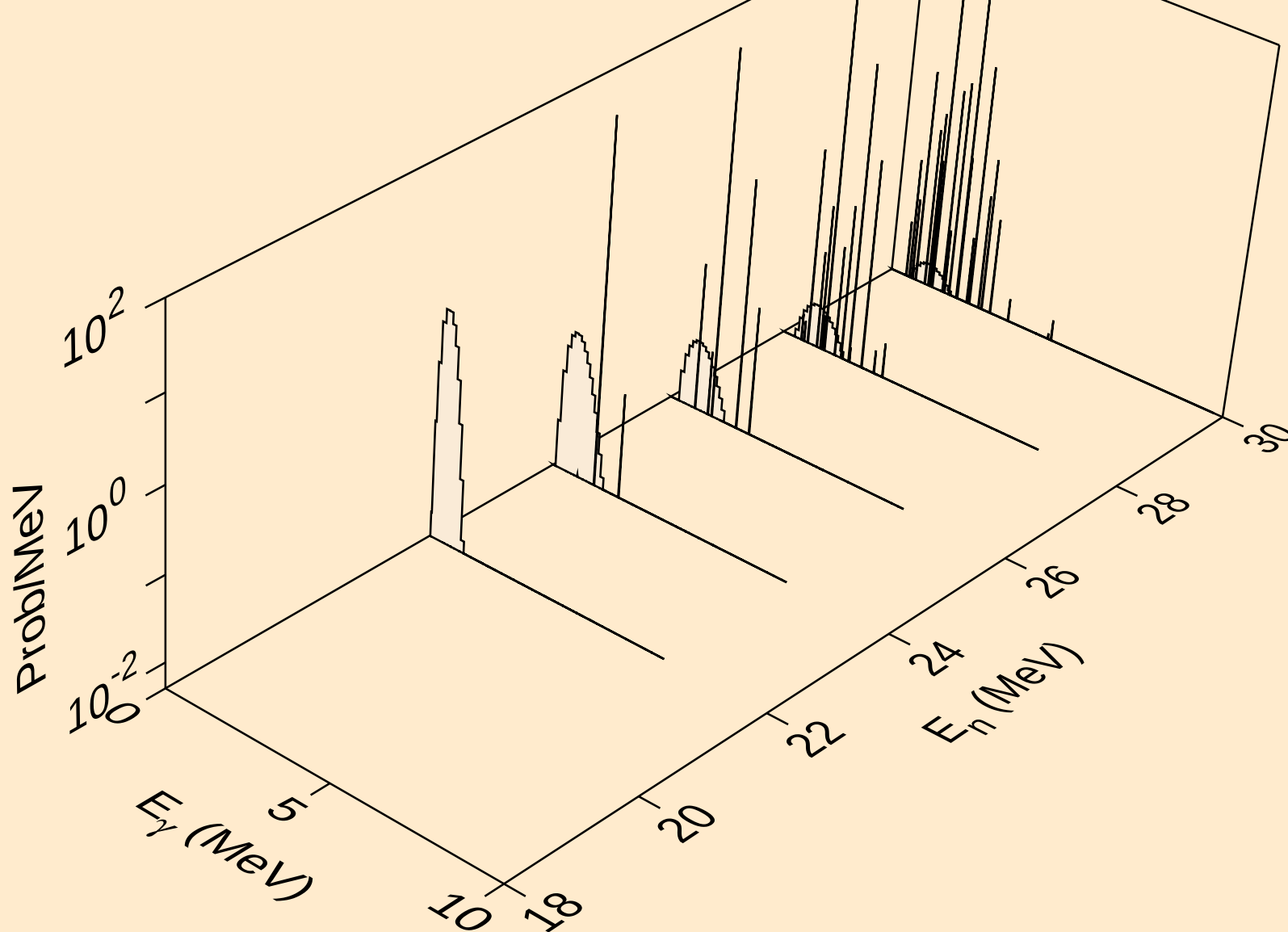
SI031 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n*)a



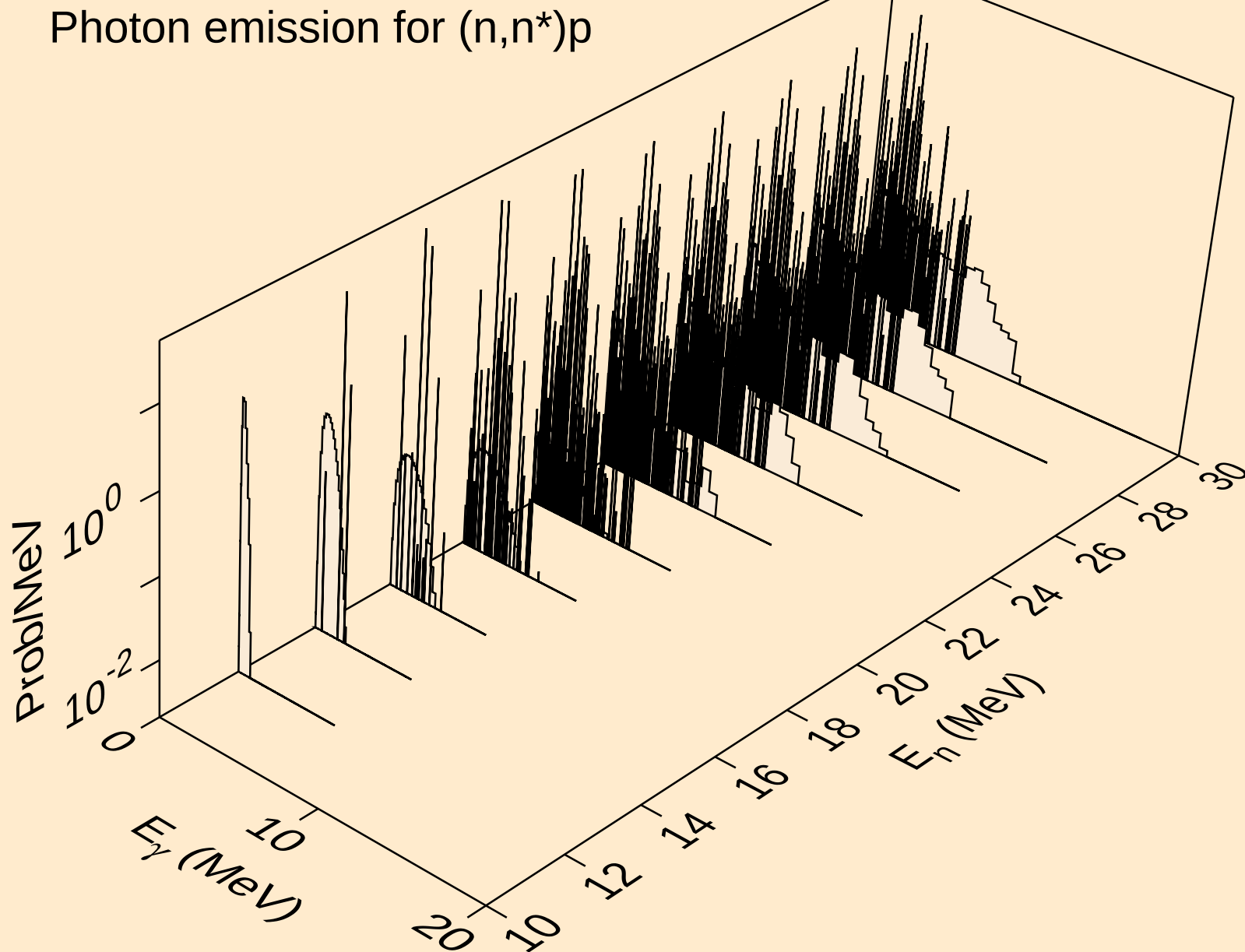
SI031 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,2n) α



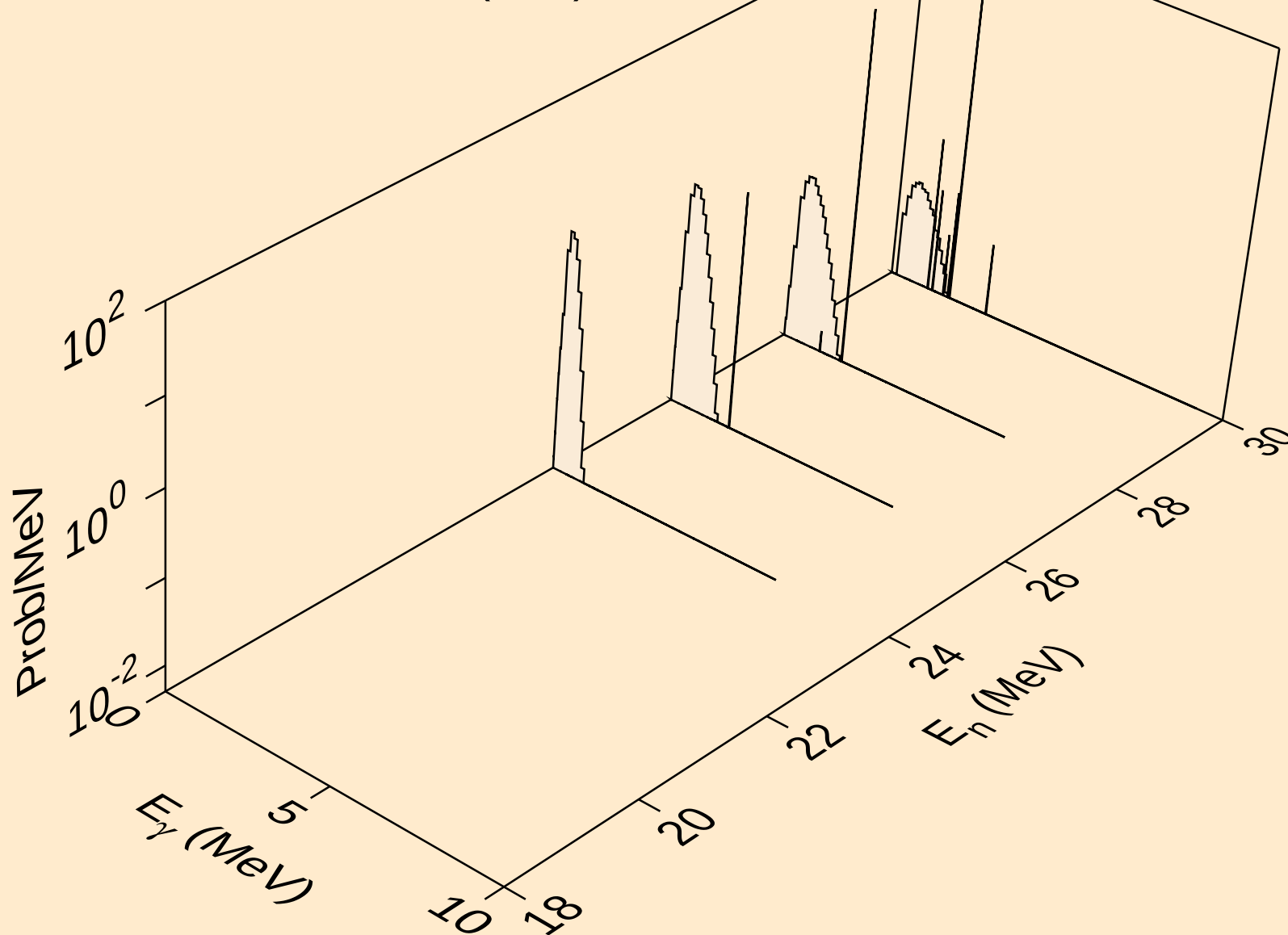
SI031 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n*)p



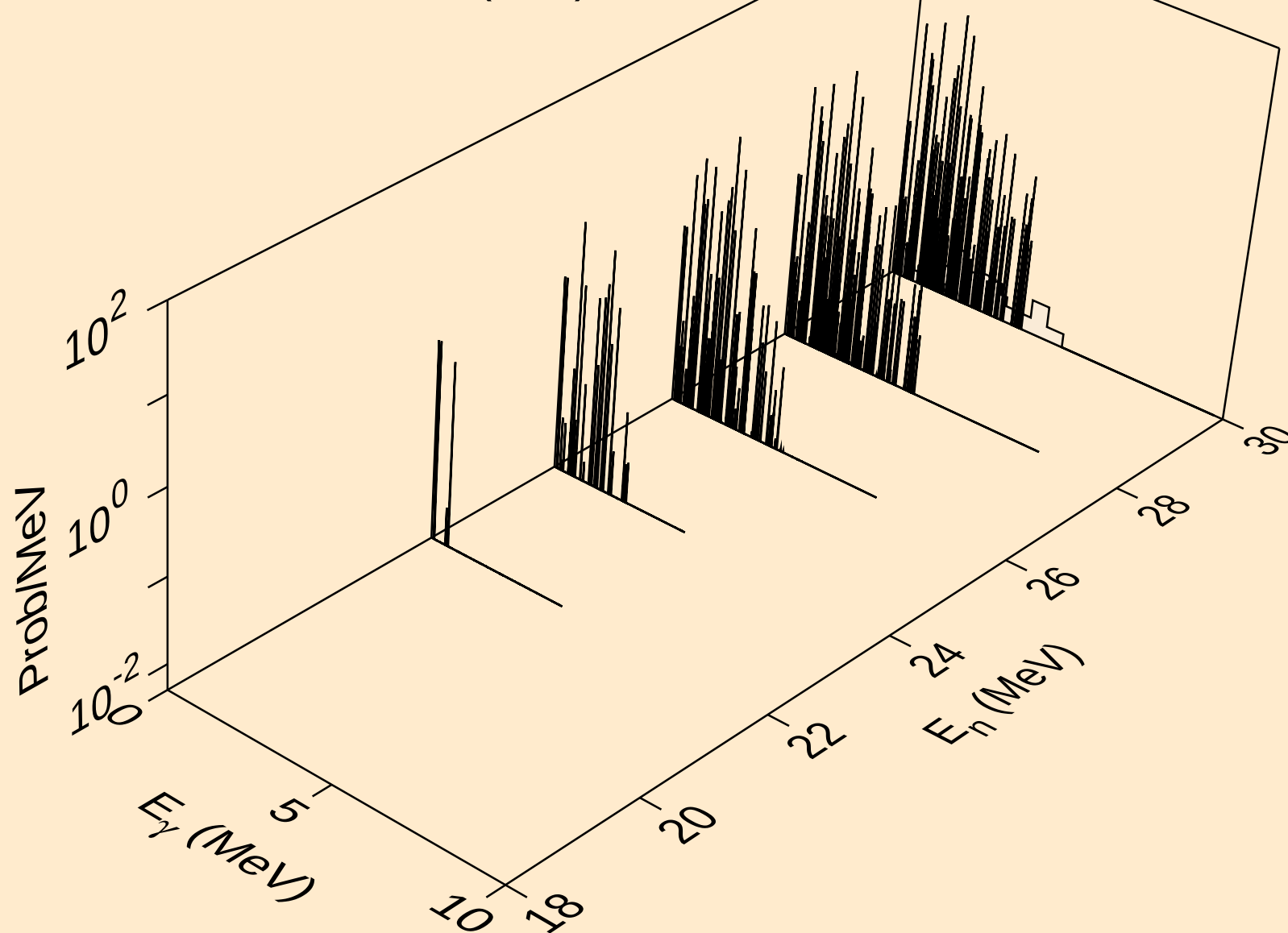
SI031 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n*)2a



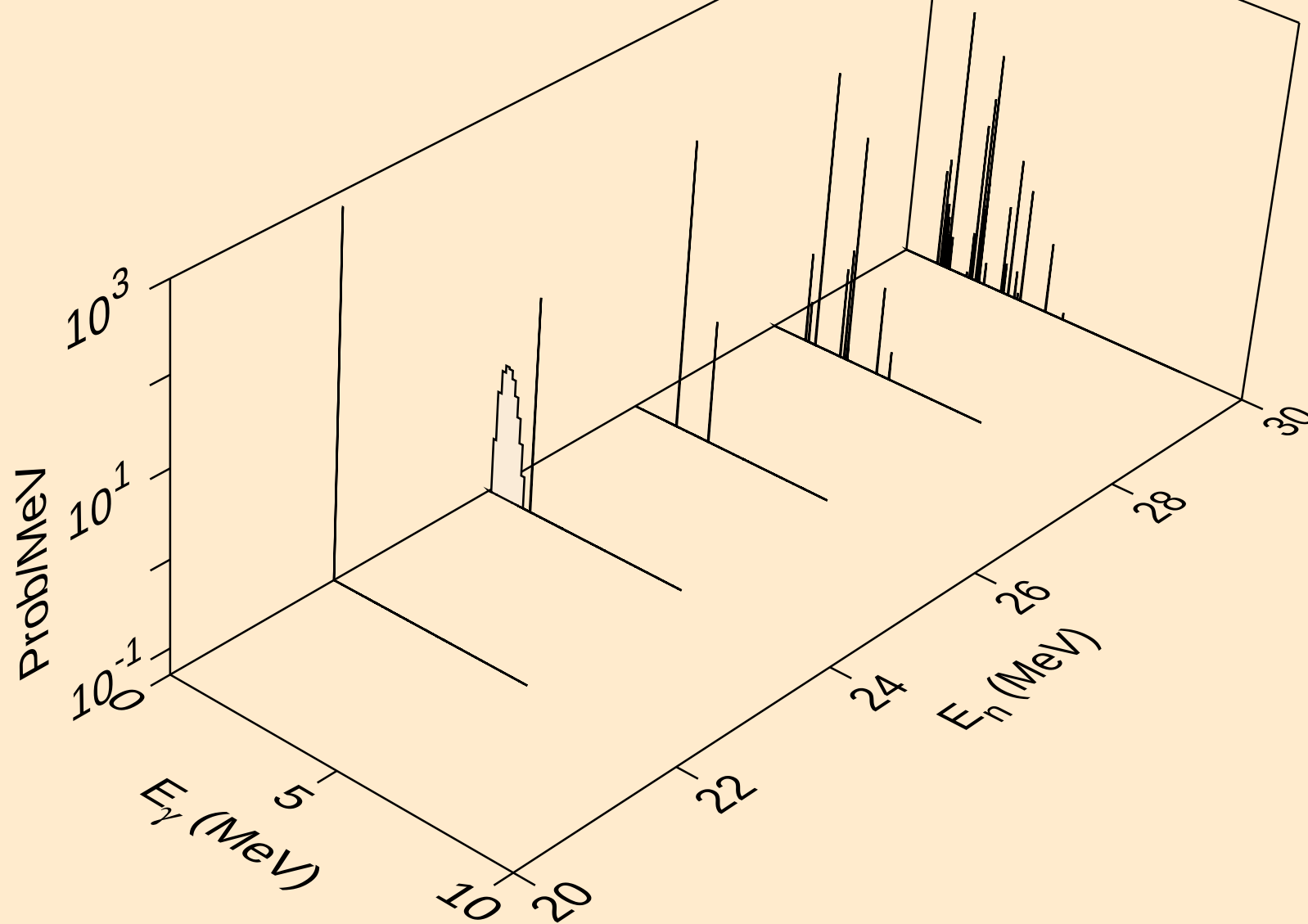
SI031 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n*)d

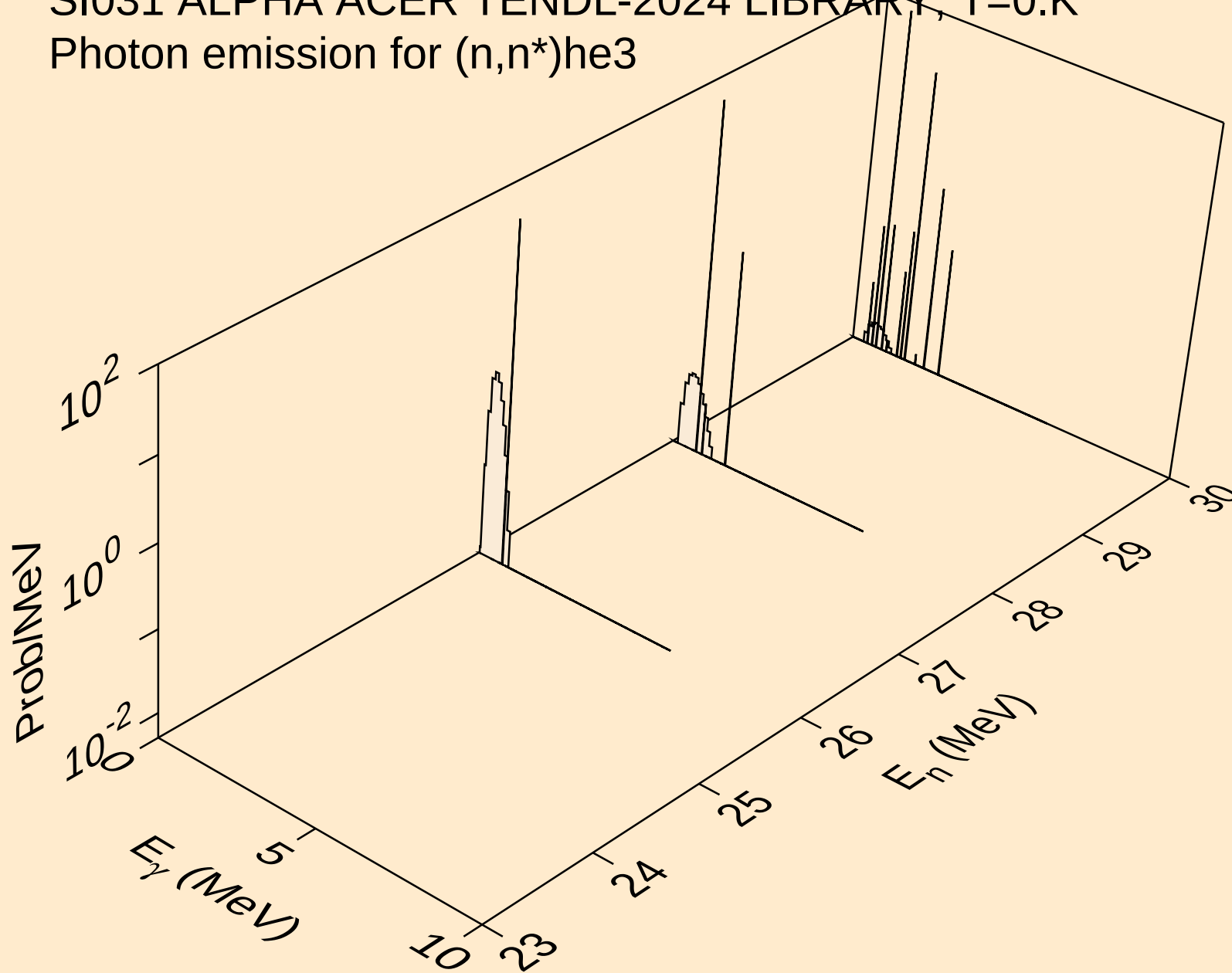


SI031 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

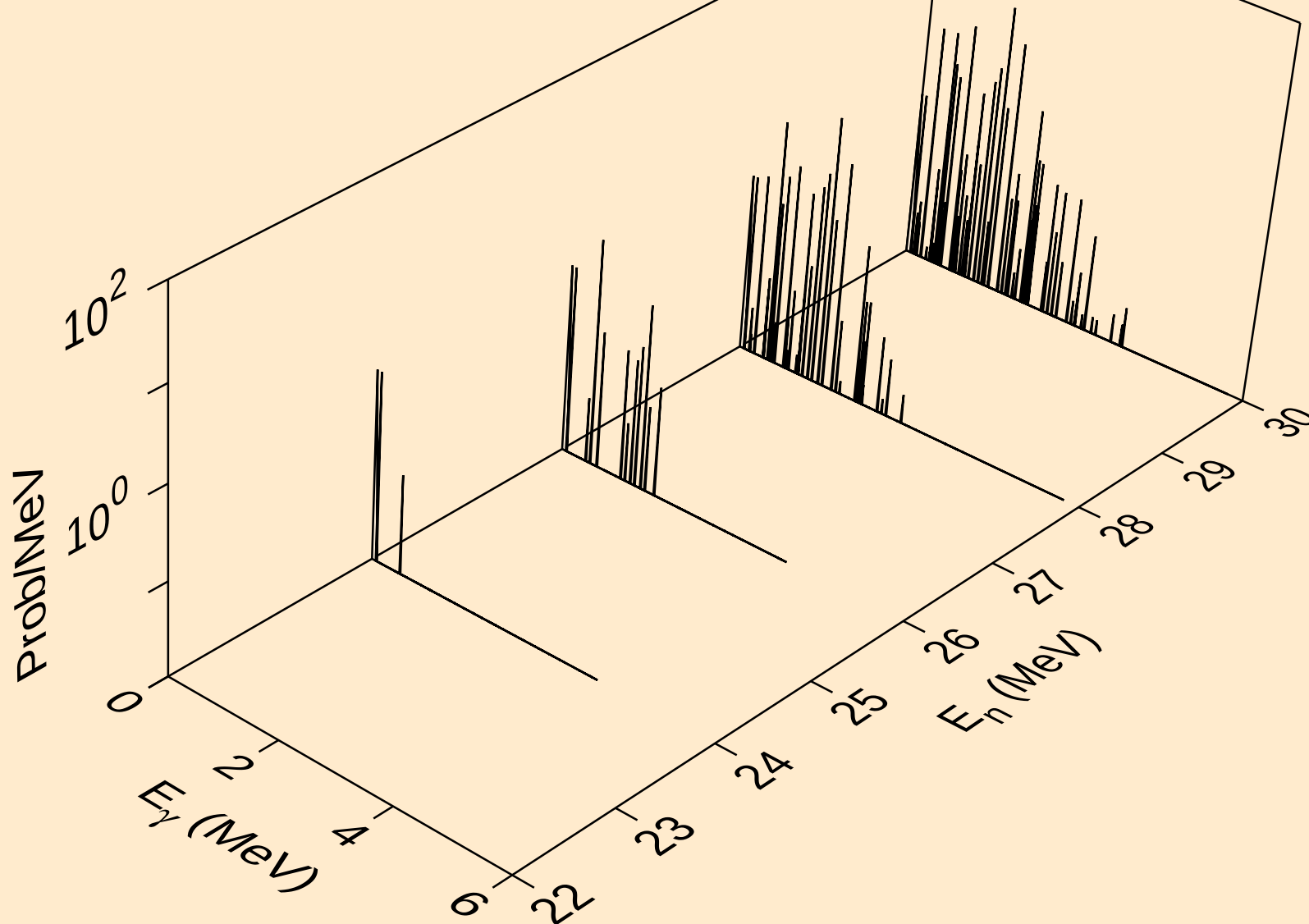
Photon emission for (n,n*)t



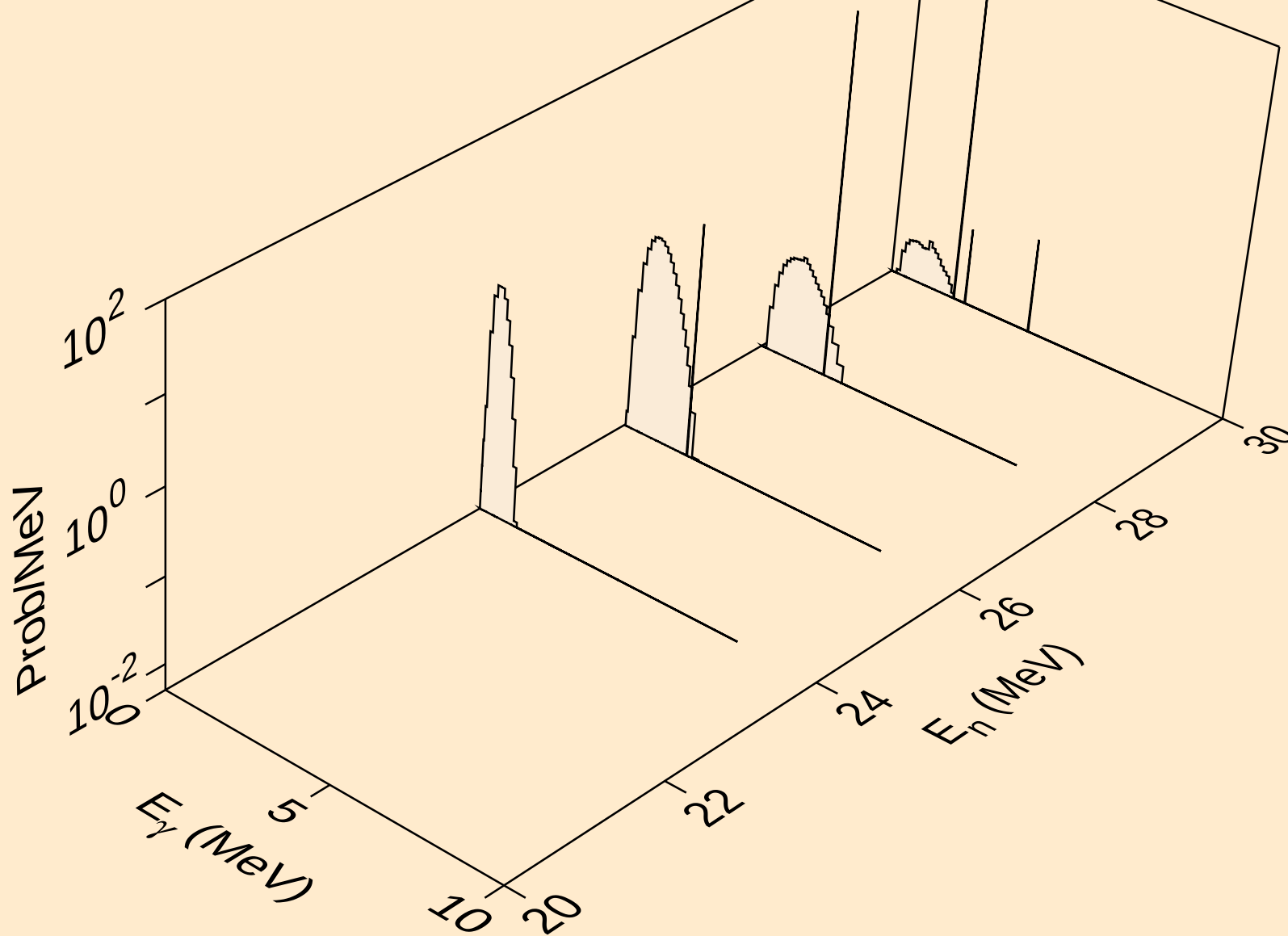
SI031 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)he3



SI031 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2np)

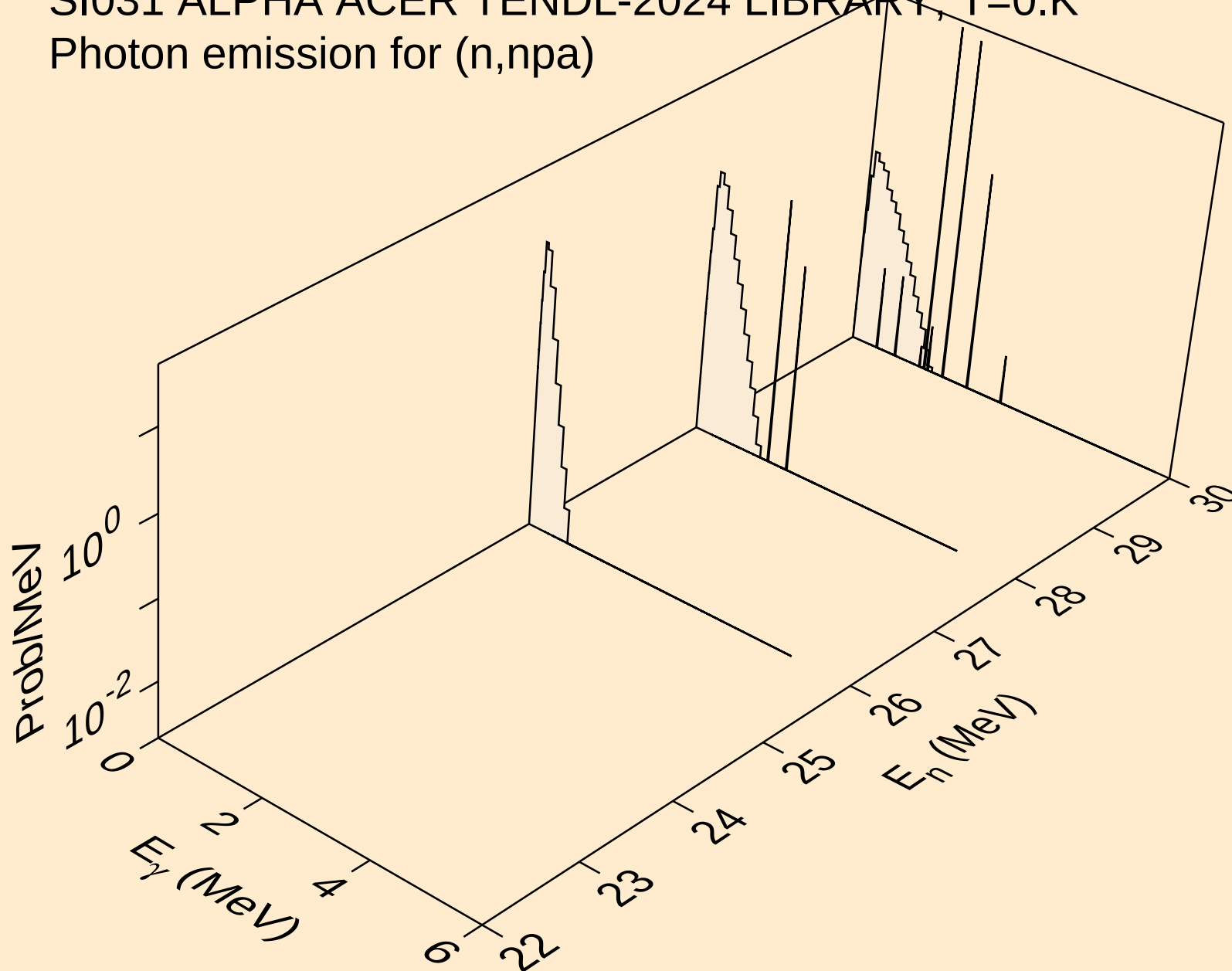


SI031 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n2p)

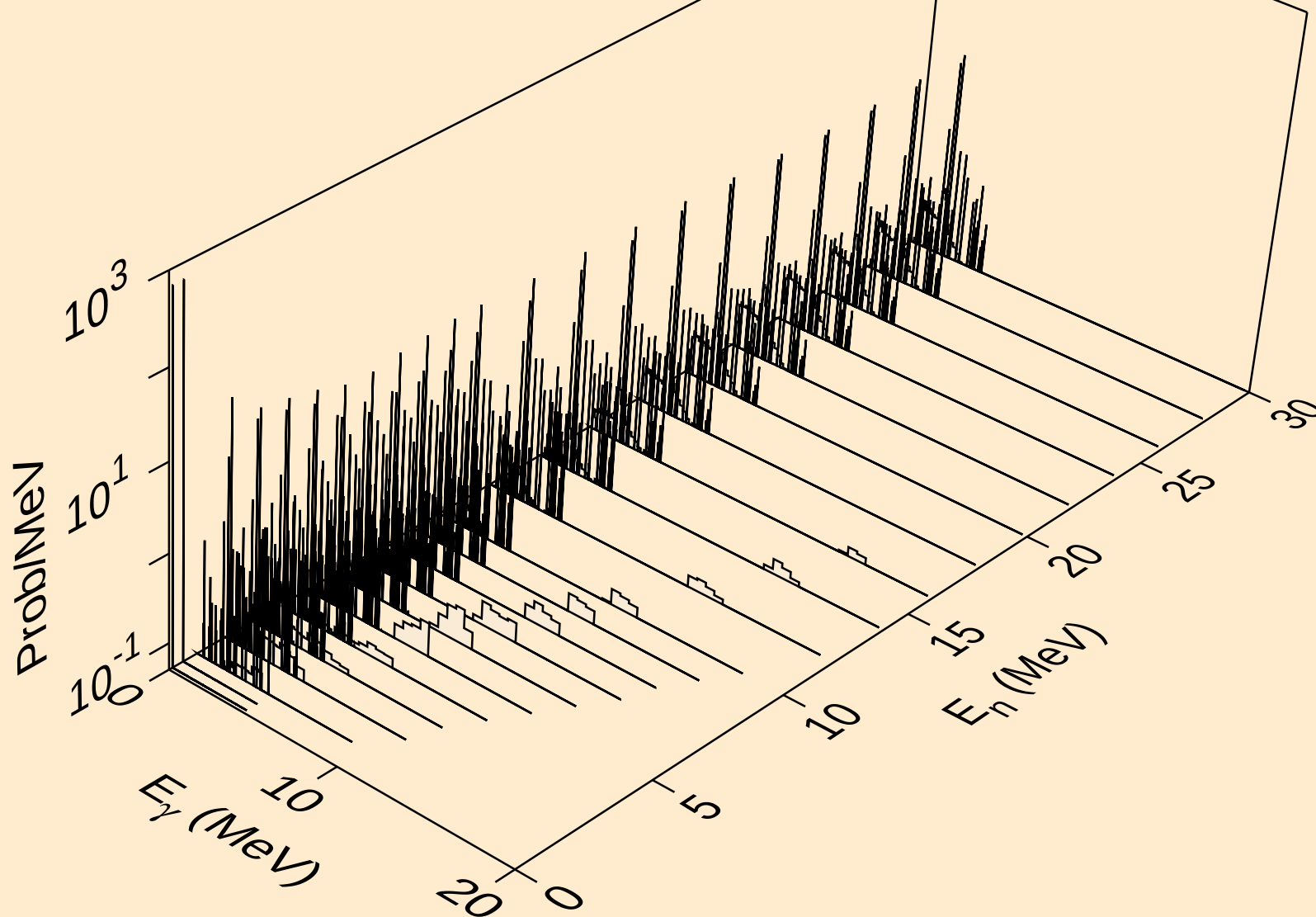


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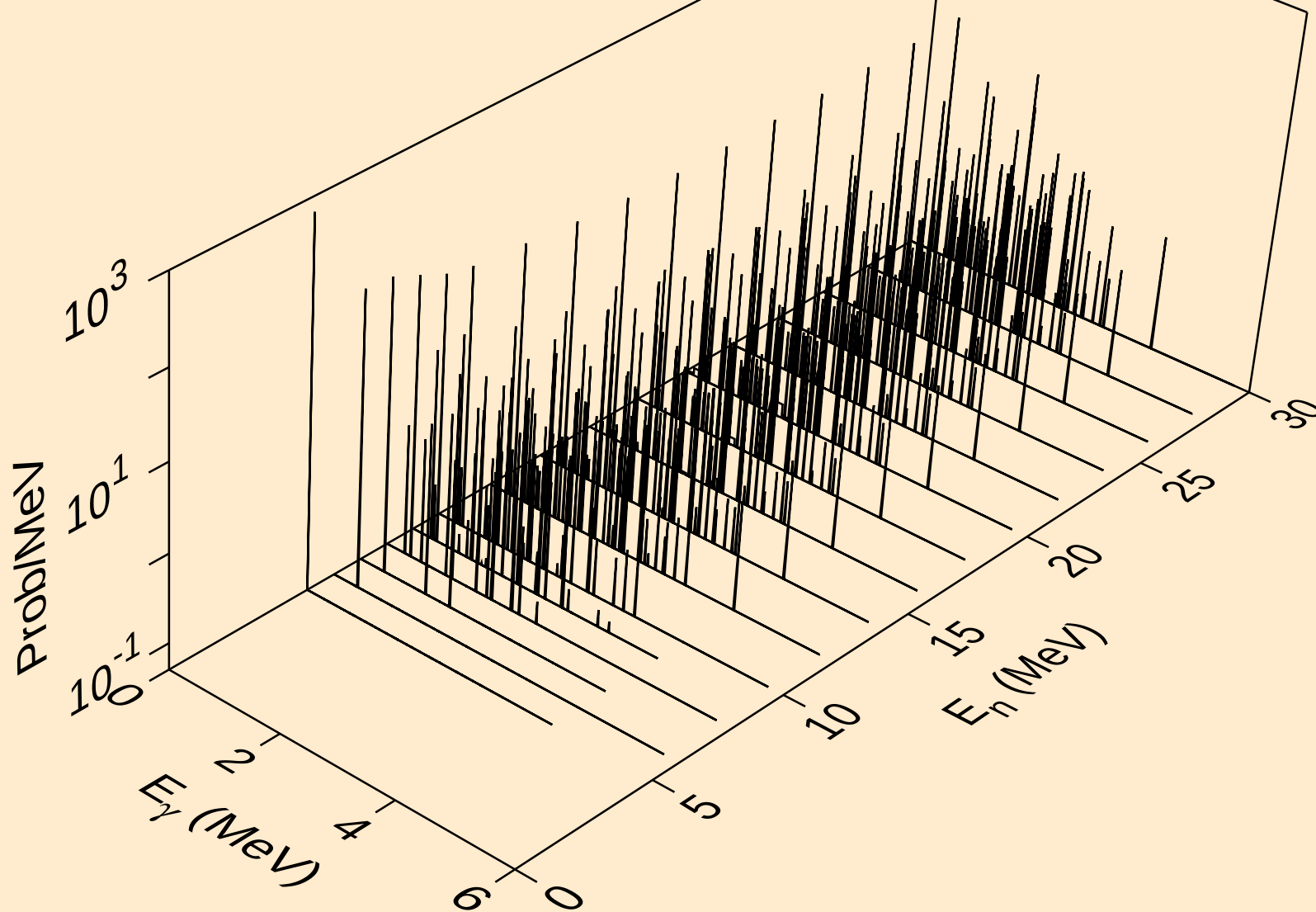
Photon emission for (n,npa)



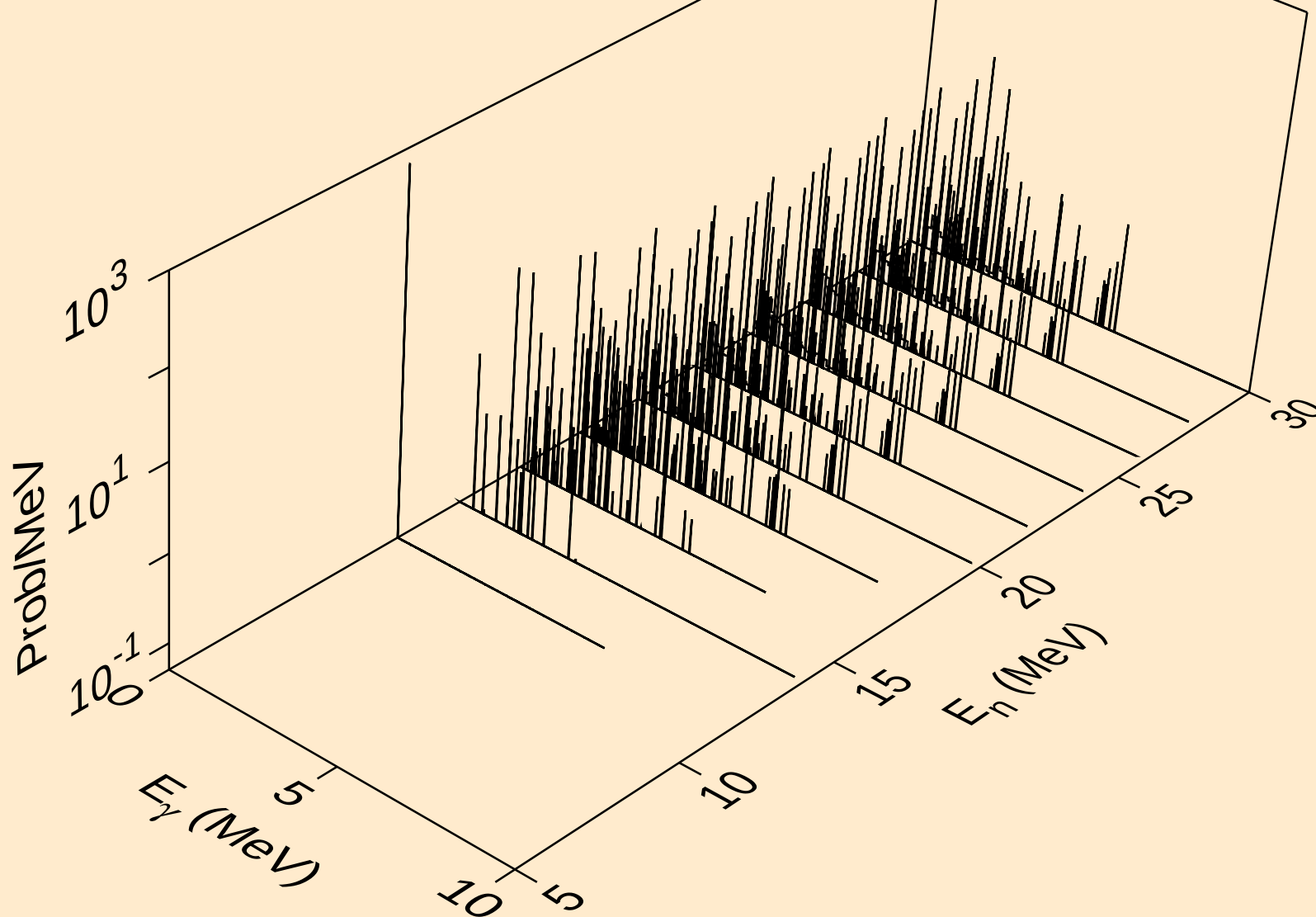
SI031 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,gma)



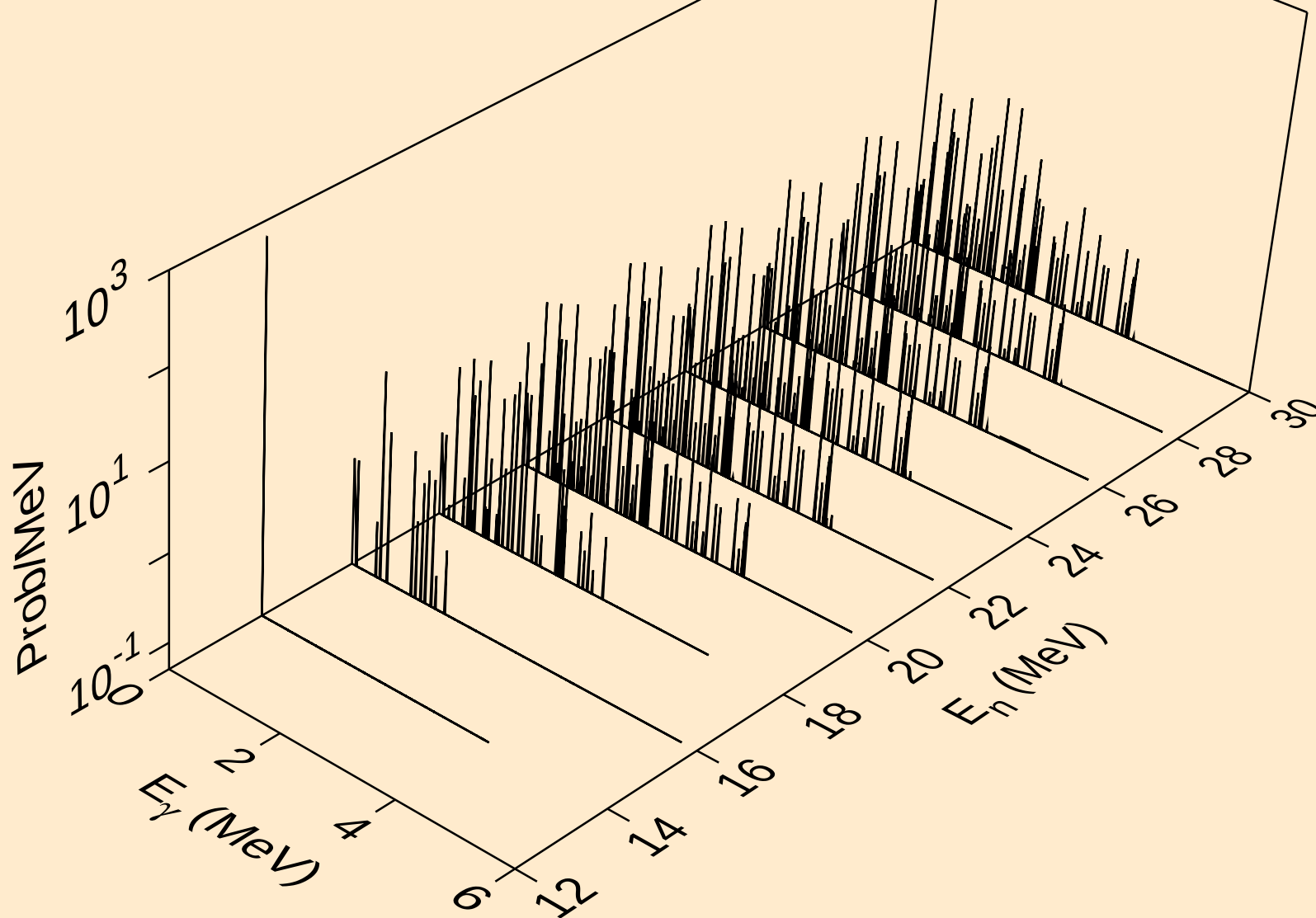
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Photon emission for (n,p)



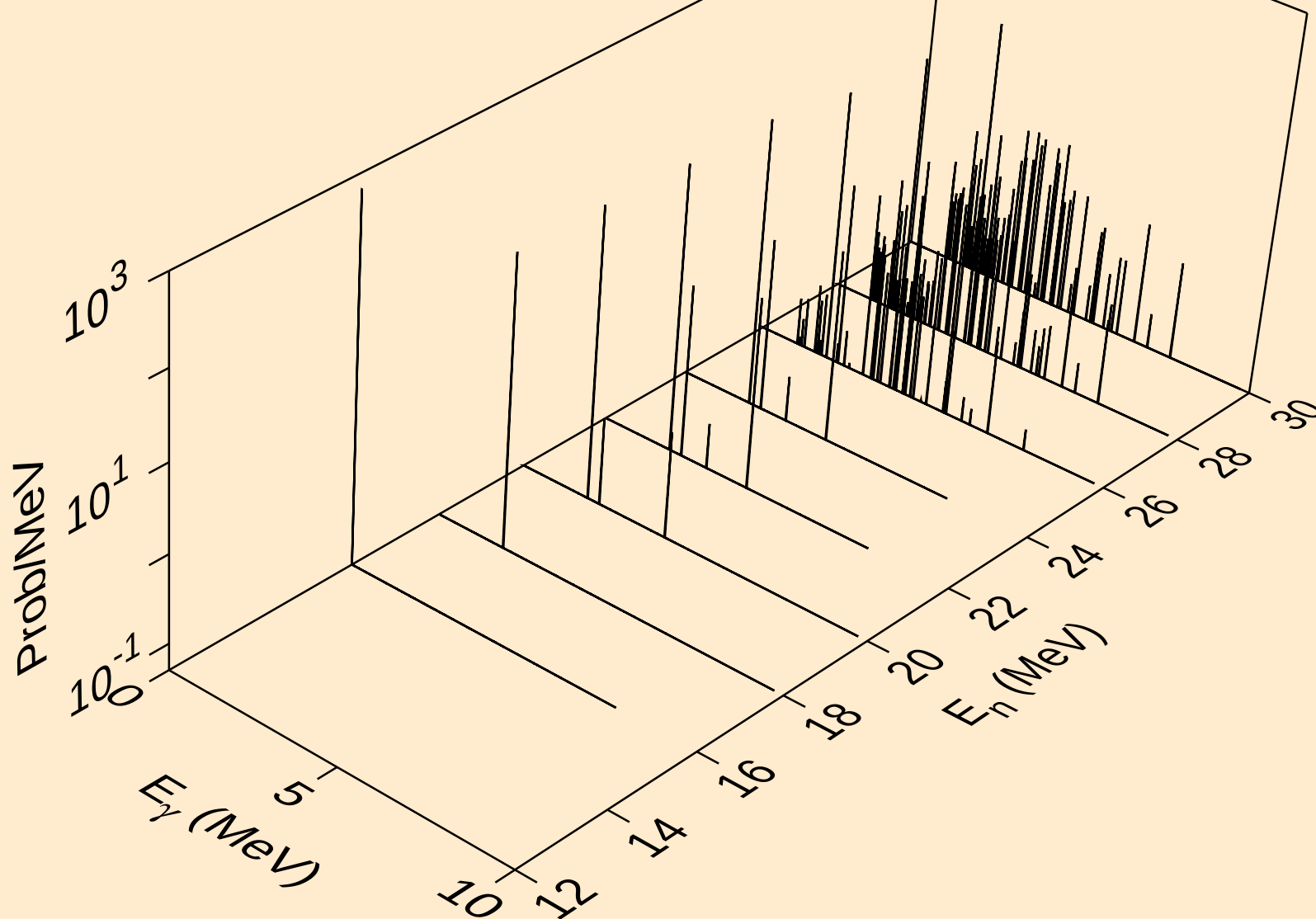
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Photon emission for (n,d)



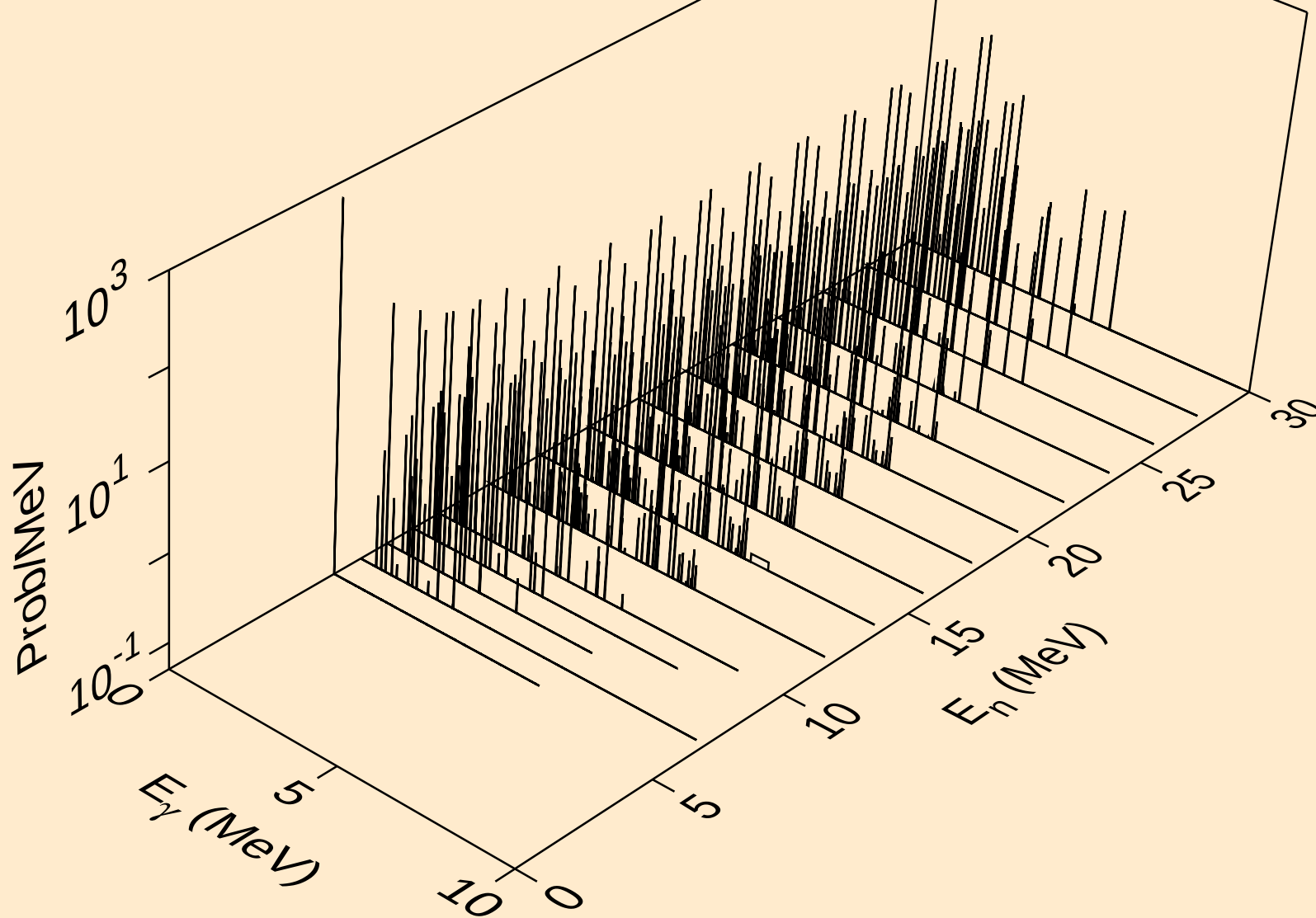
SI031 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,t)



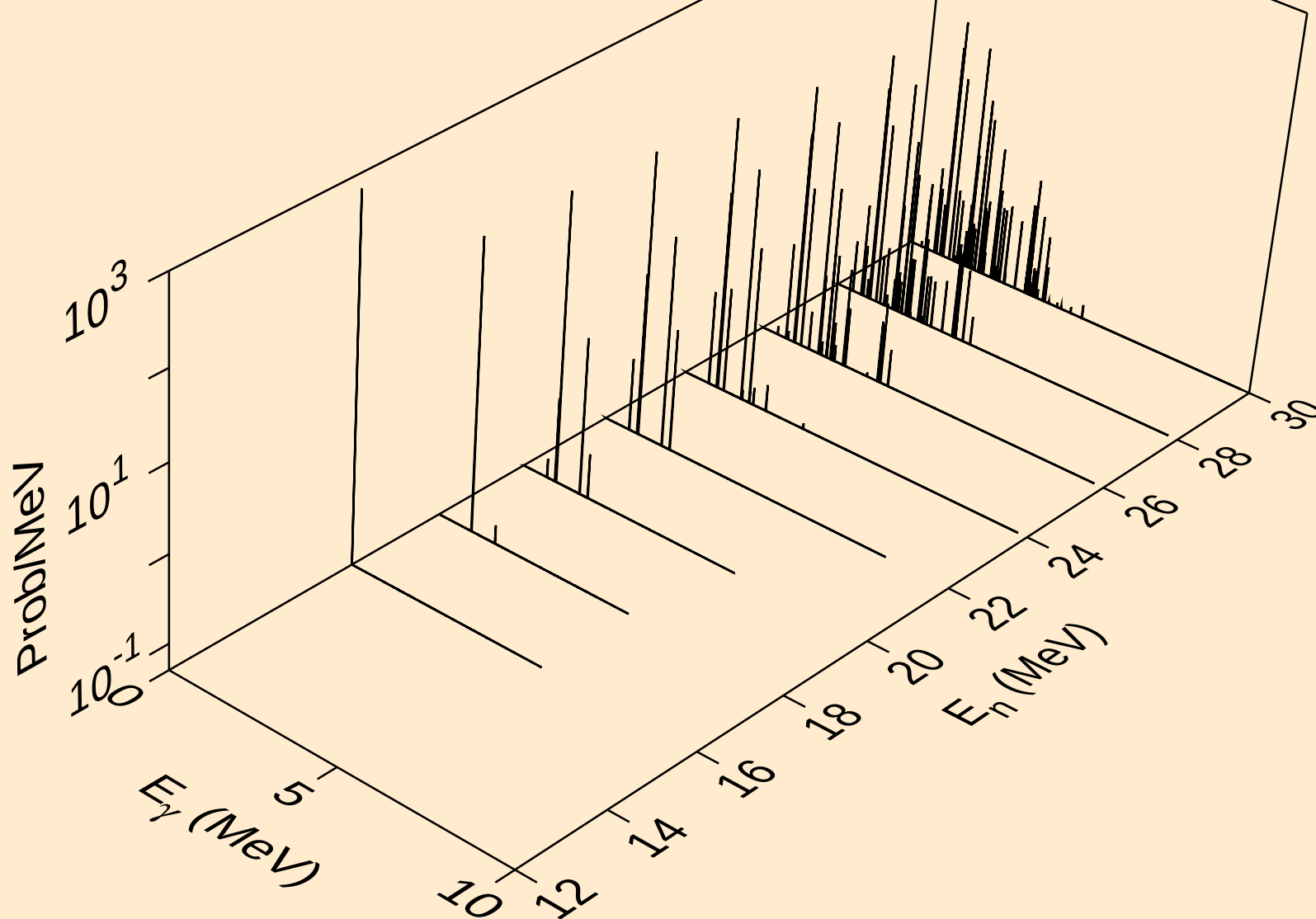
SI031 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,he3)



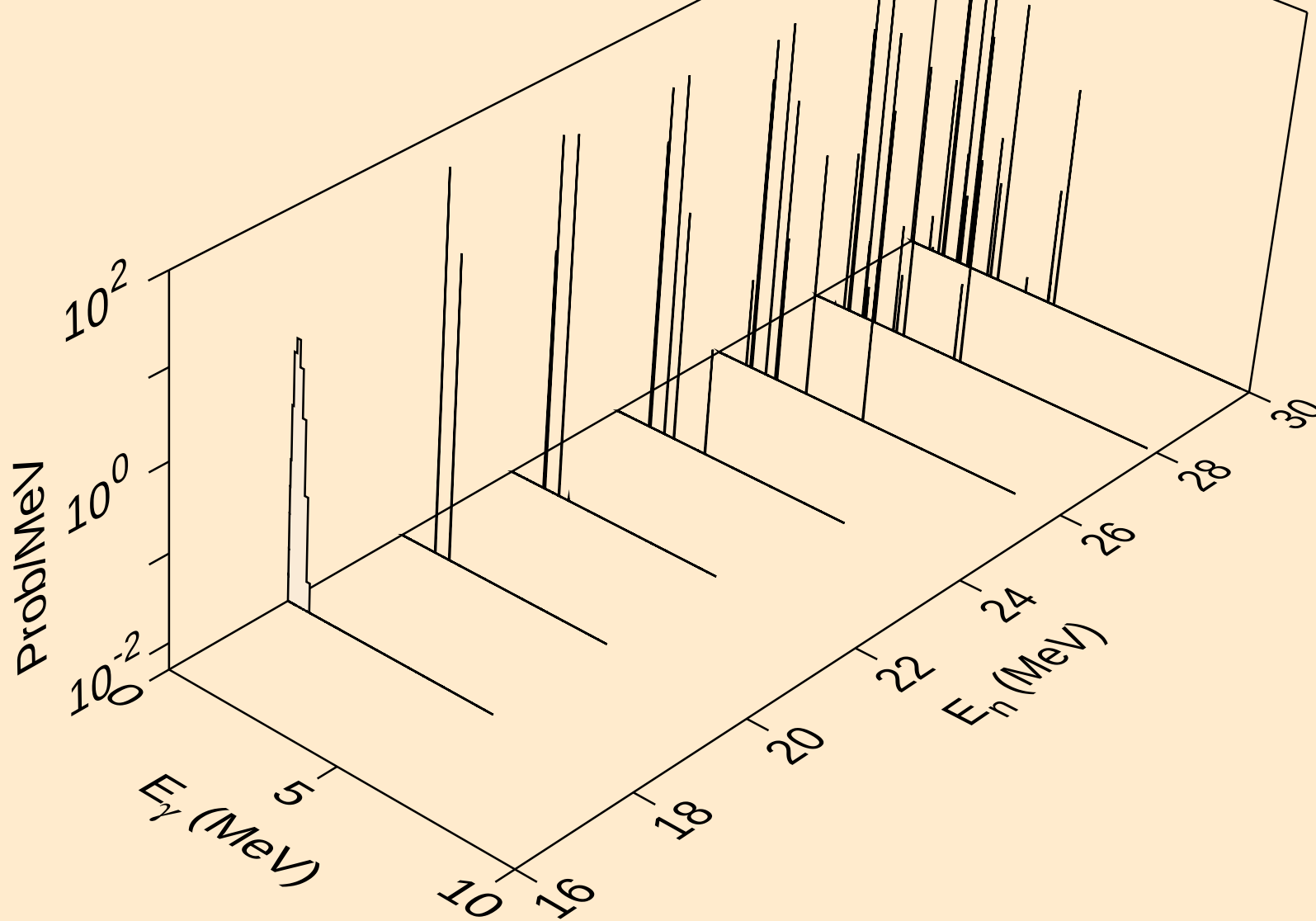
SI031 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for inelastic



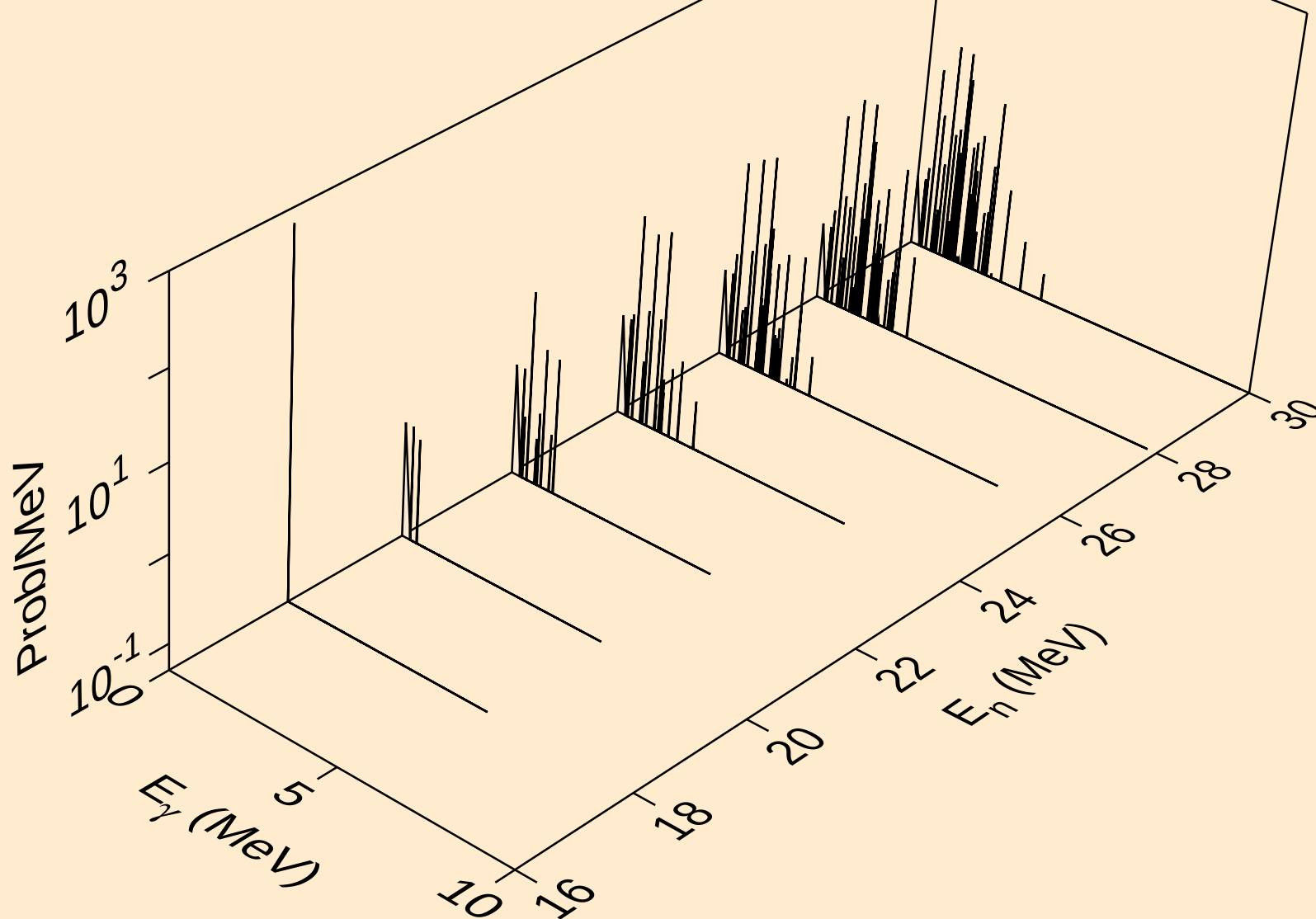
SI031 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2a)



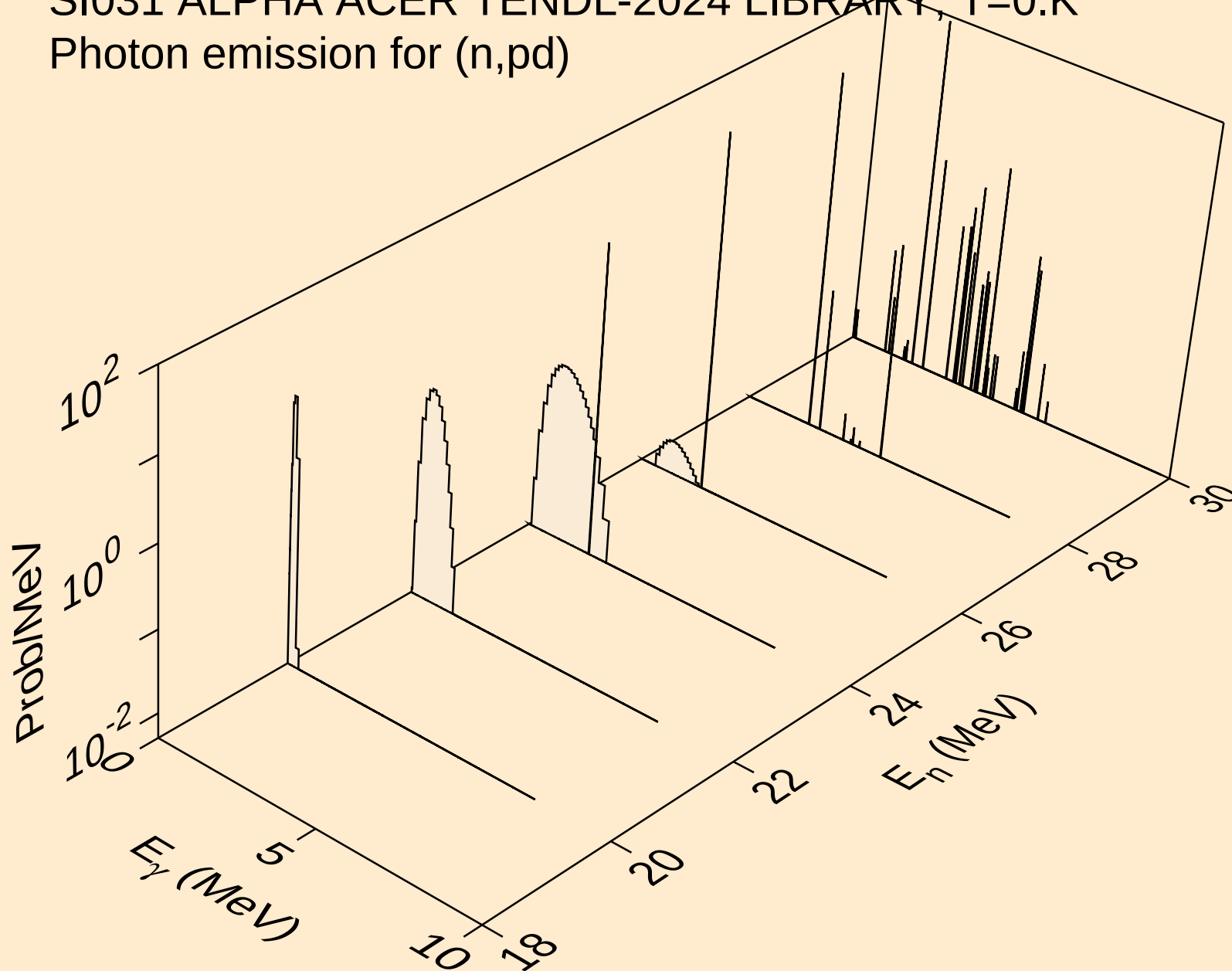
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Photon emission for (n,2p)



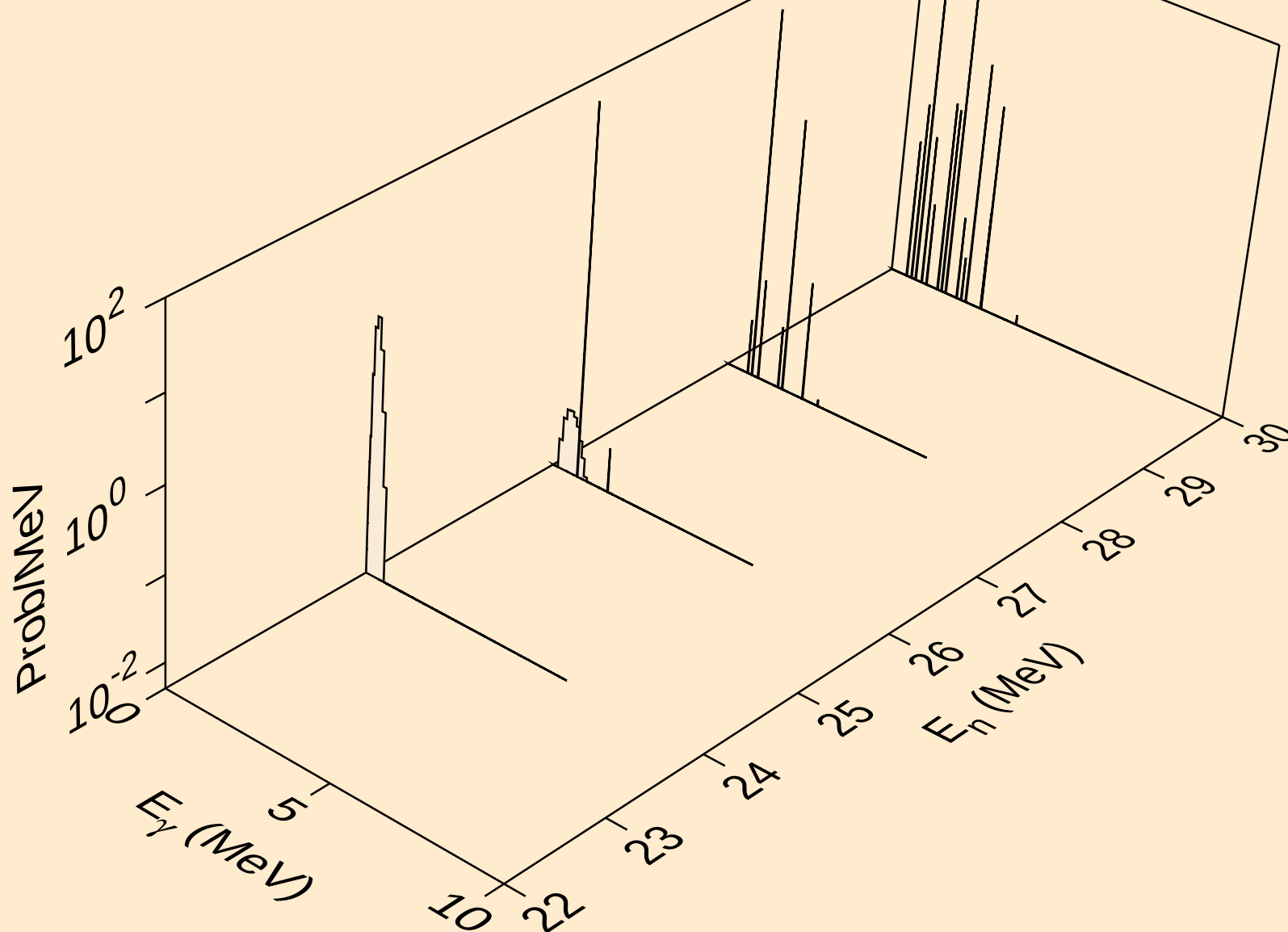
SI031 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pa)



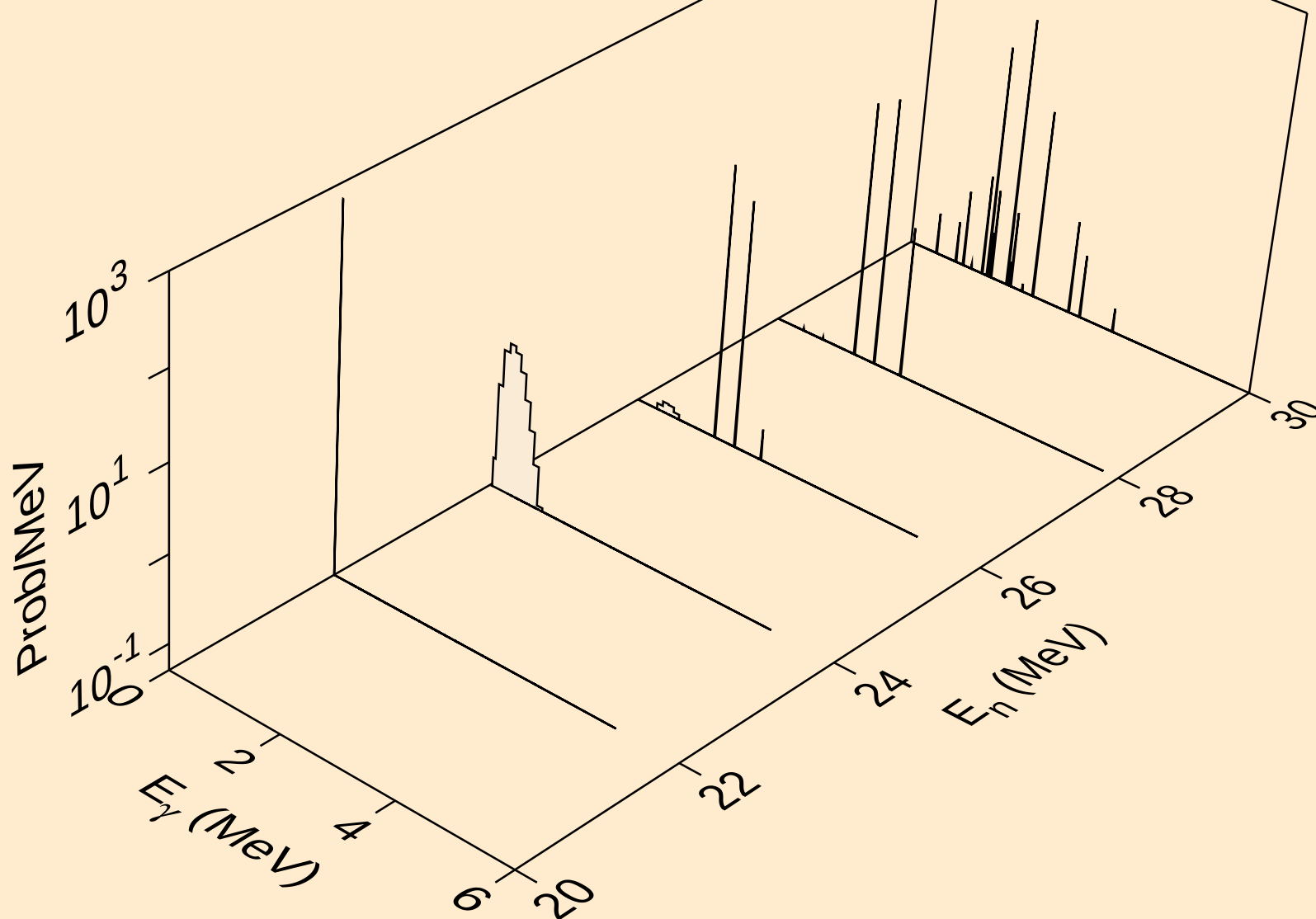
SI031 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pd)



SI031 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pt)

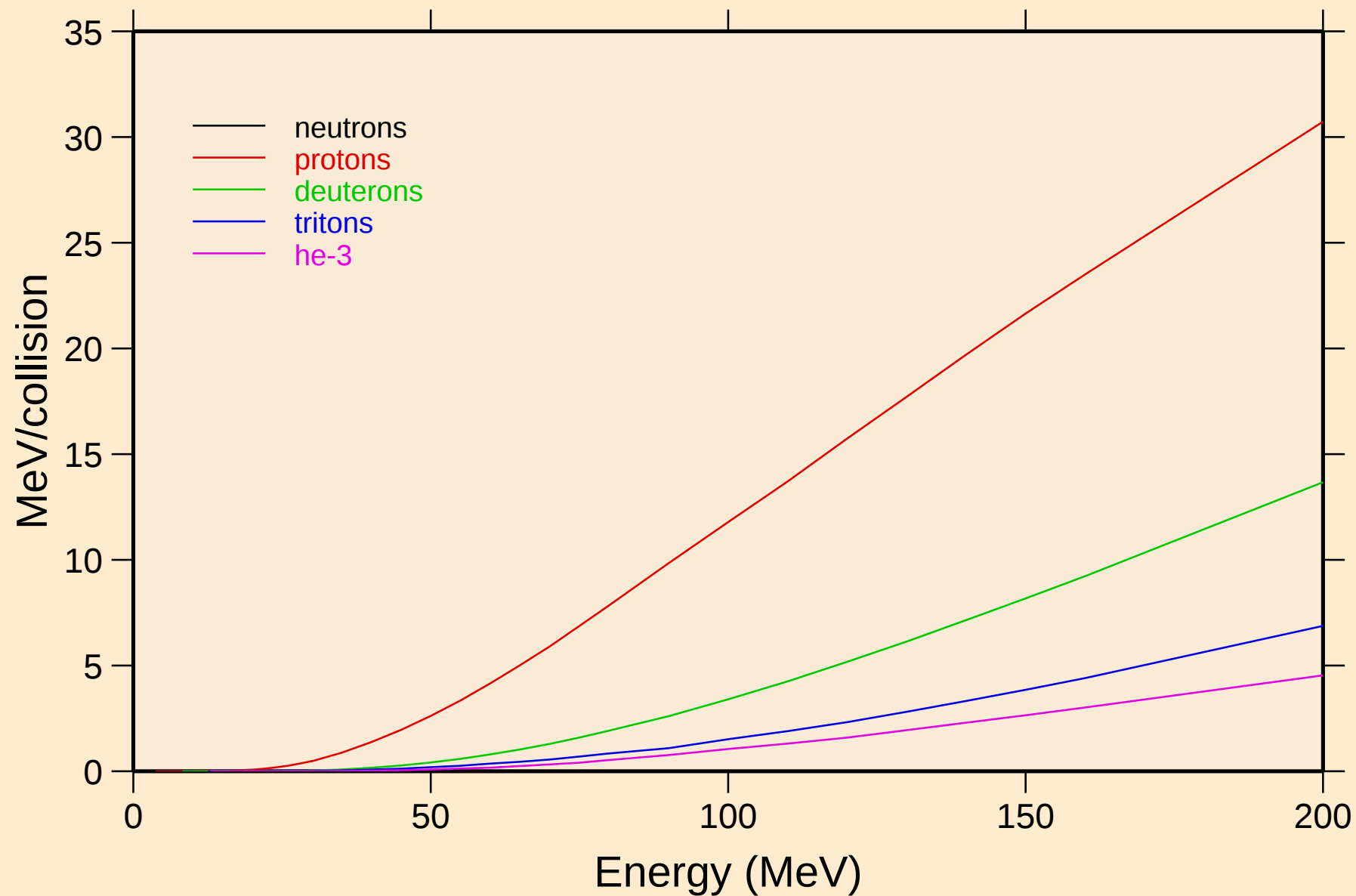


SI031 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,da)



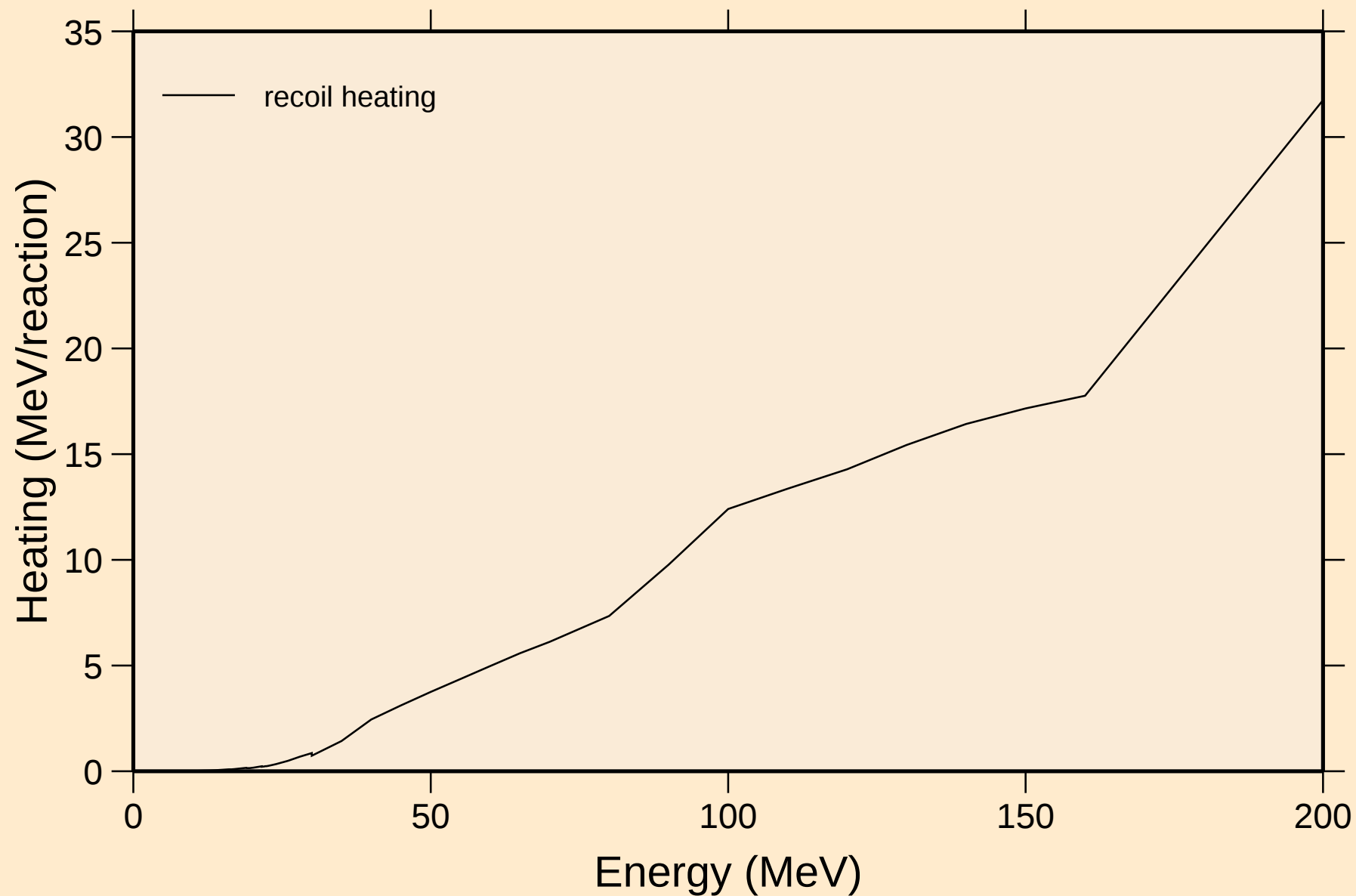
SI031 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Particle heating contributions



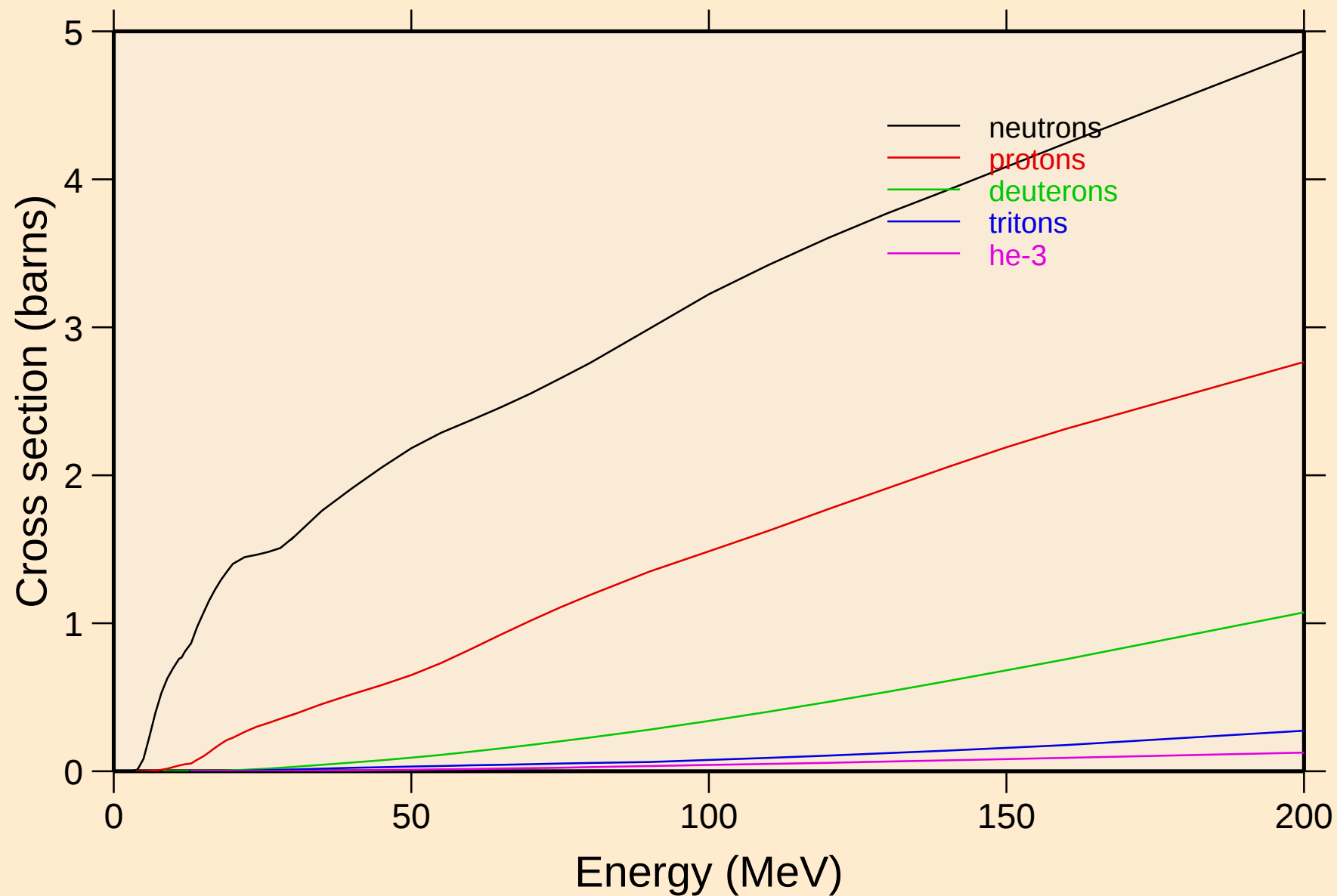
SI031 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Recoil Heating

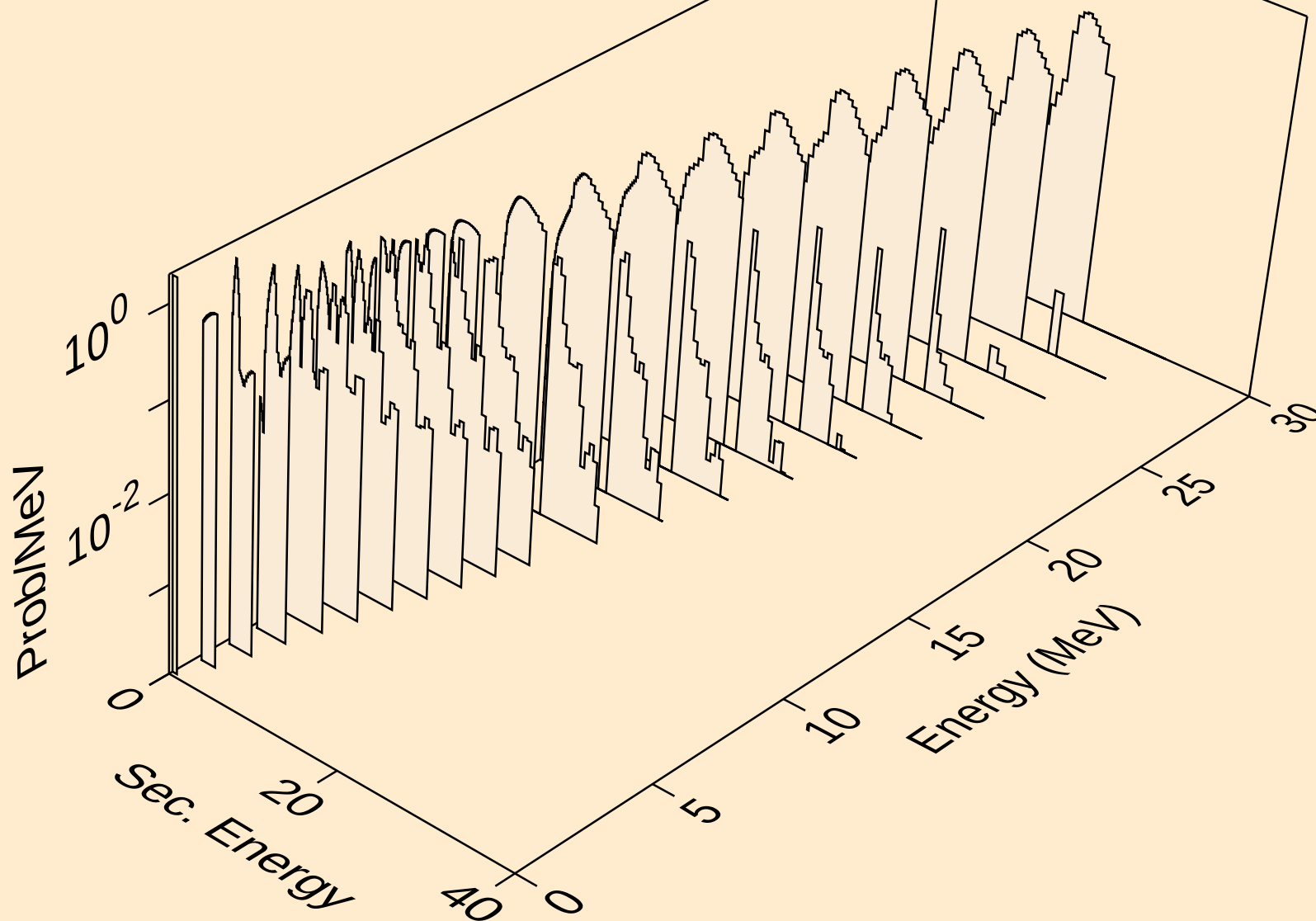


SI031 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

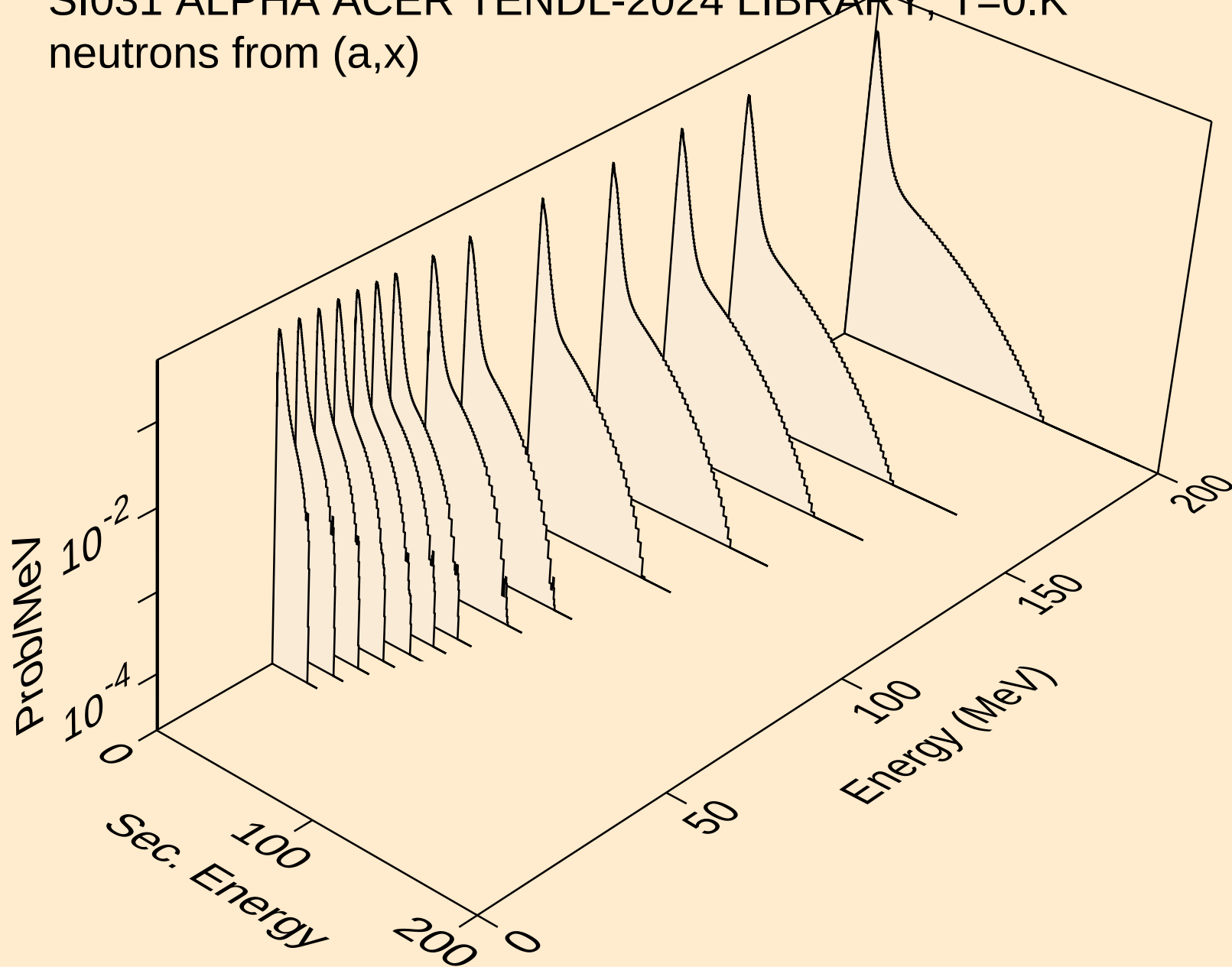
Particle production cross sections



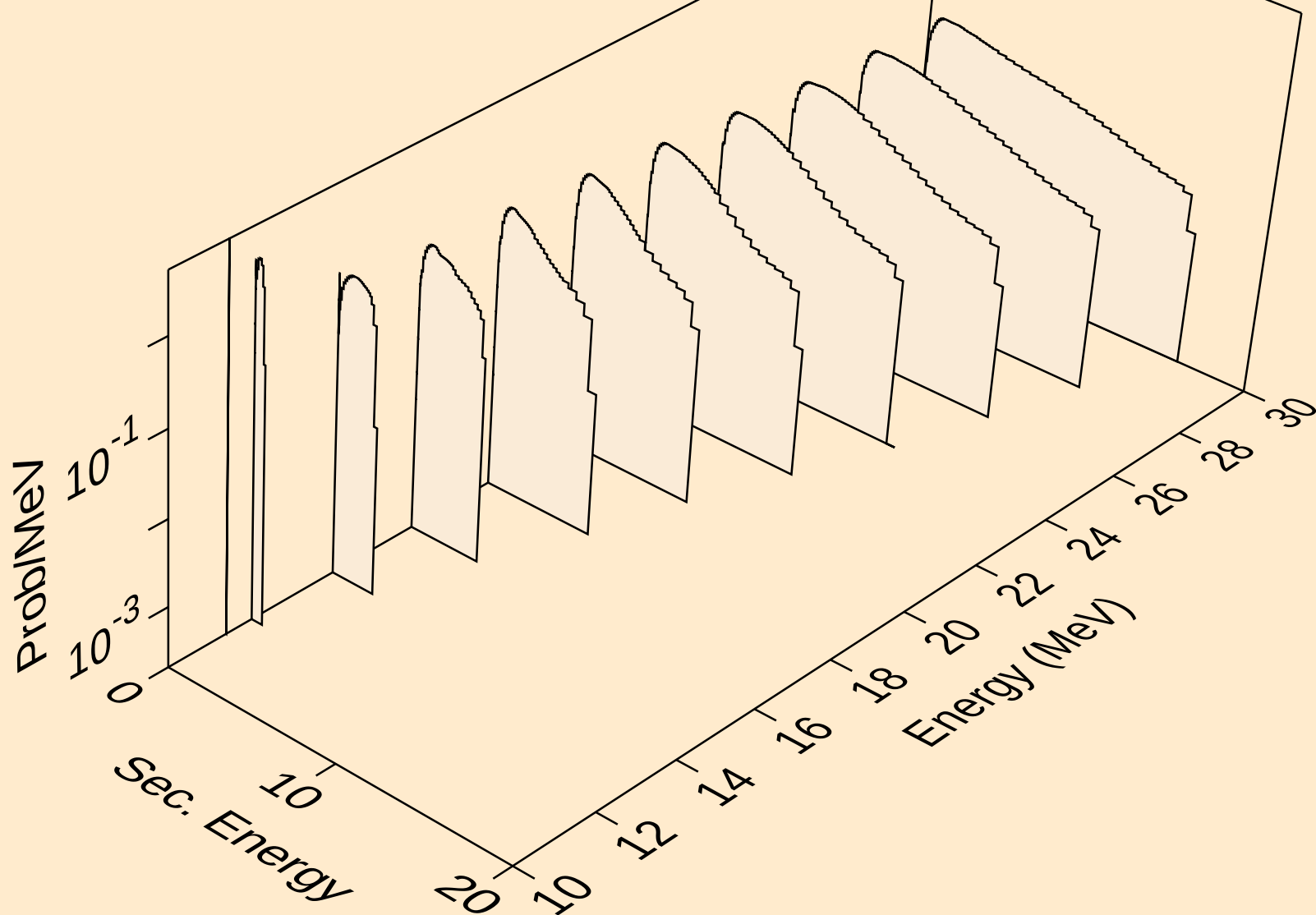
SI031 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,n)



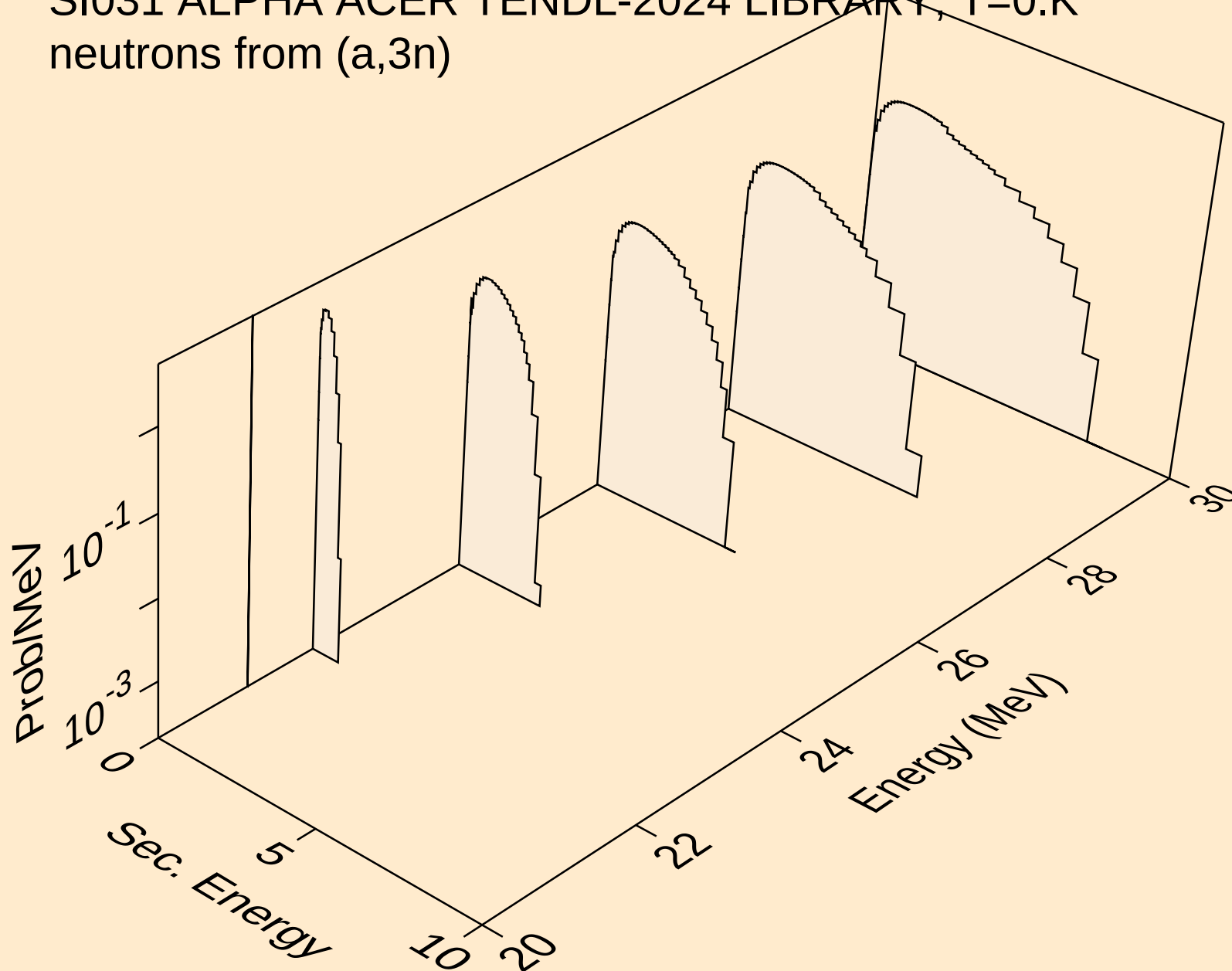
SI031 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,x)



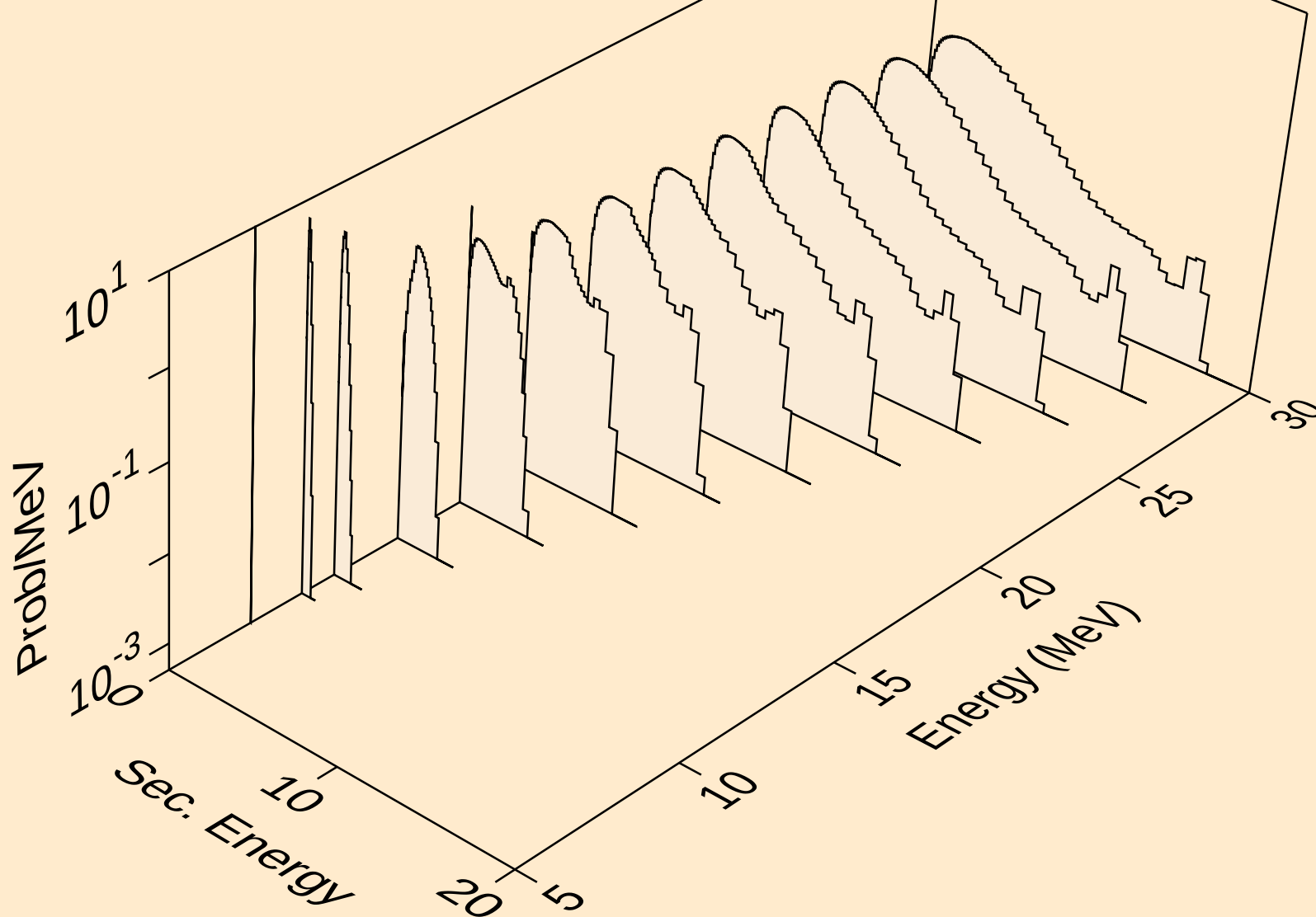
SI031 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,2n)



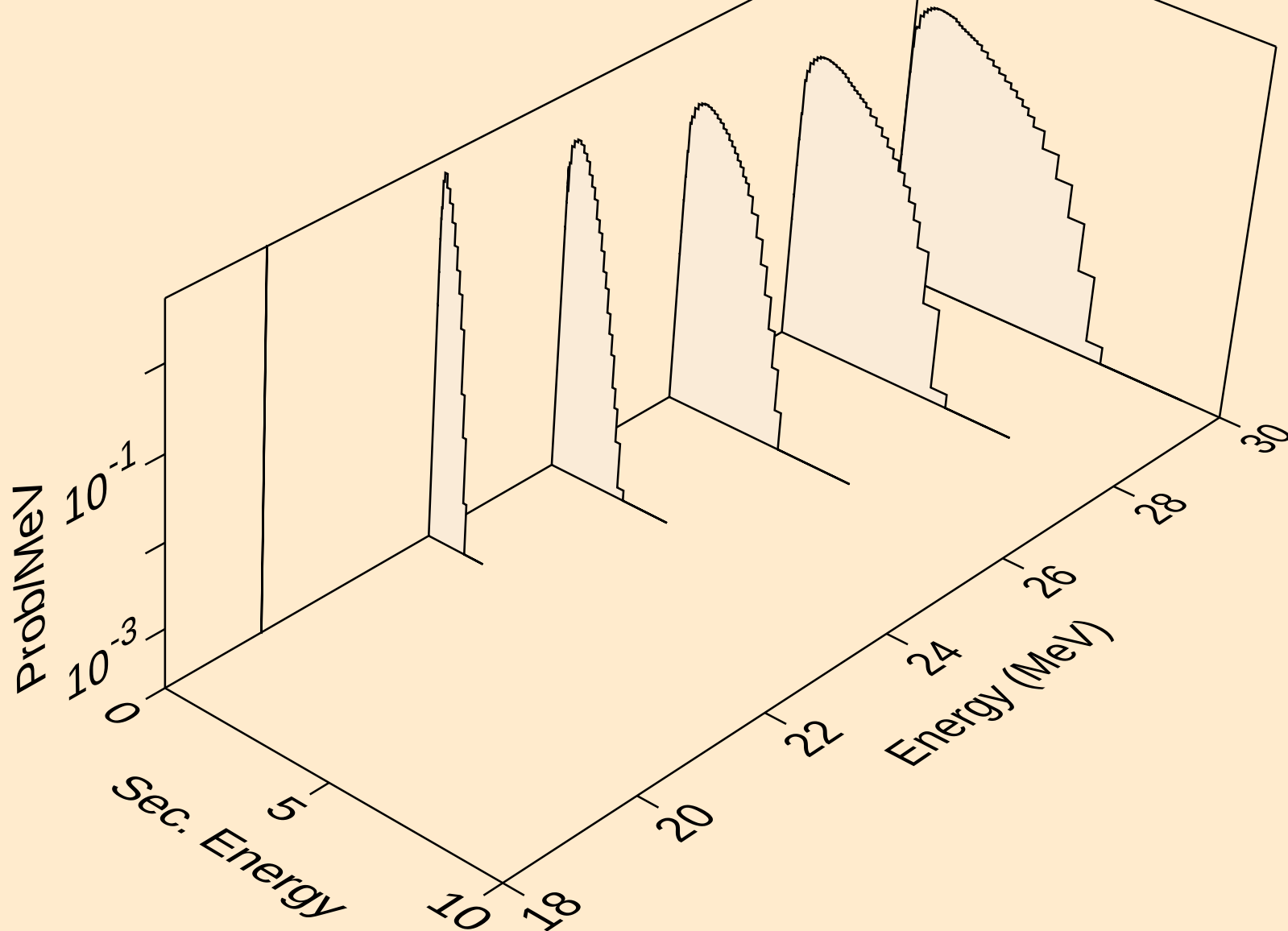
SI031 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,3n)



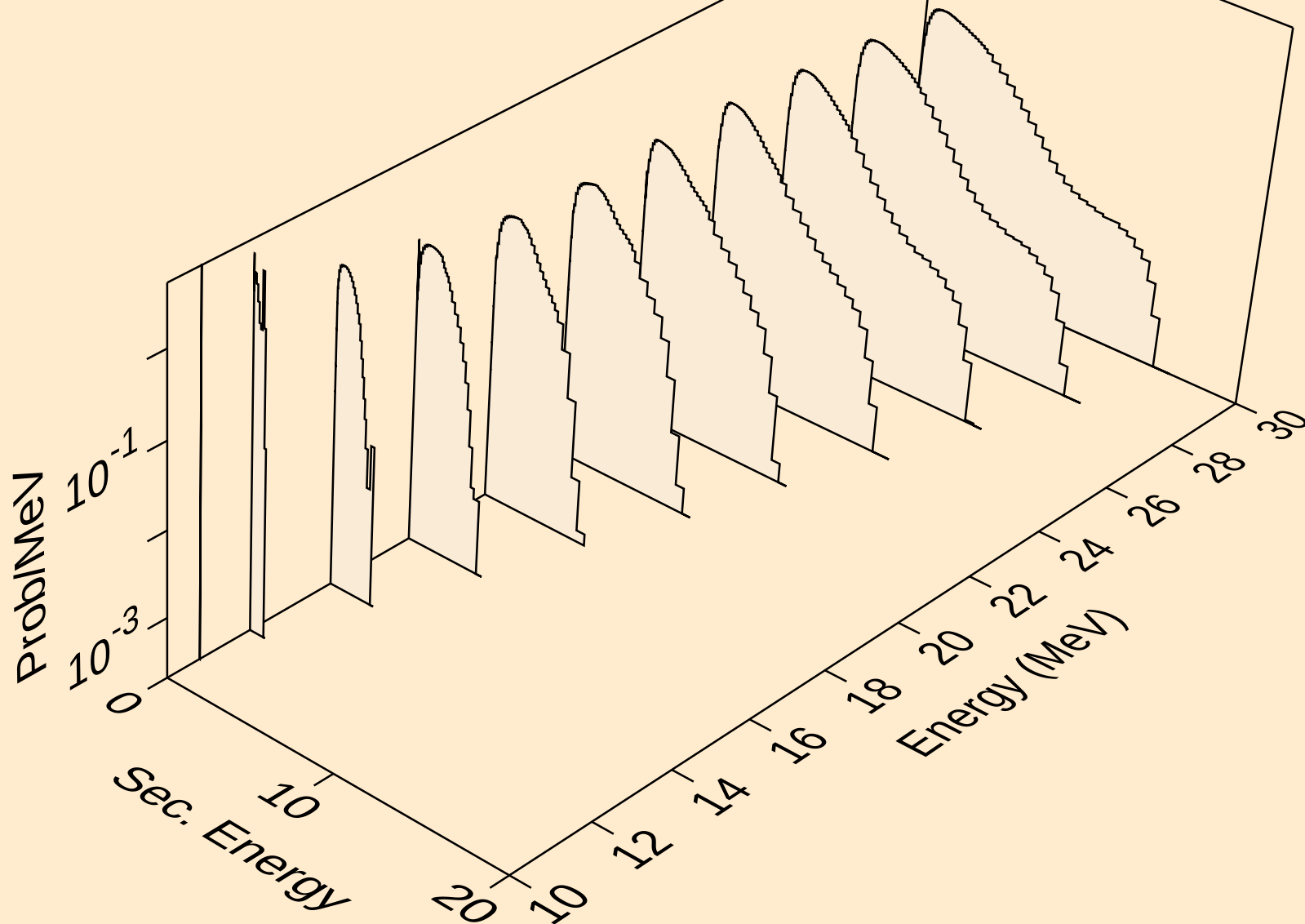
SI031 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,n*)a



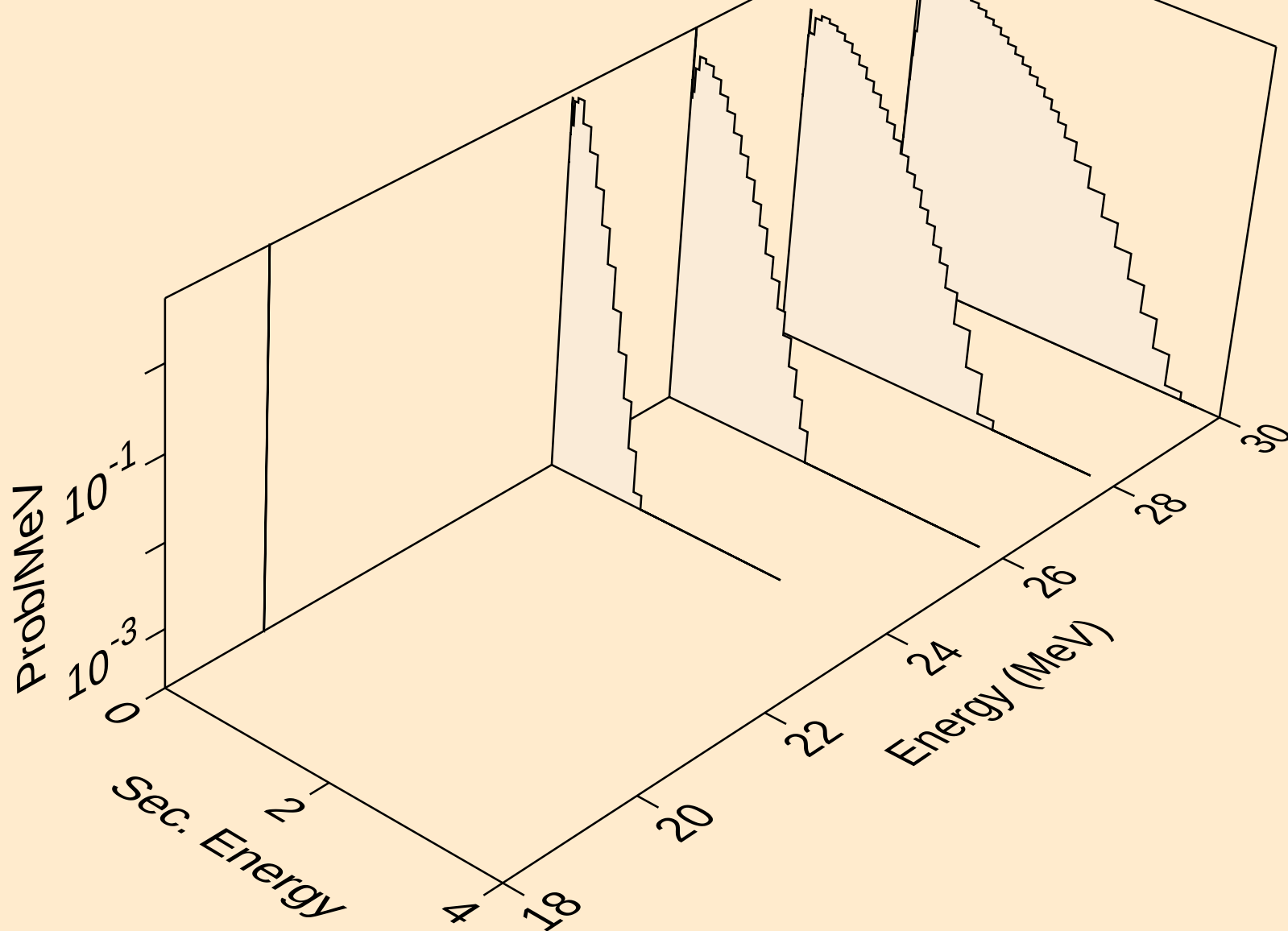
SI031 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,2n)a



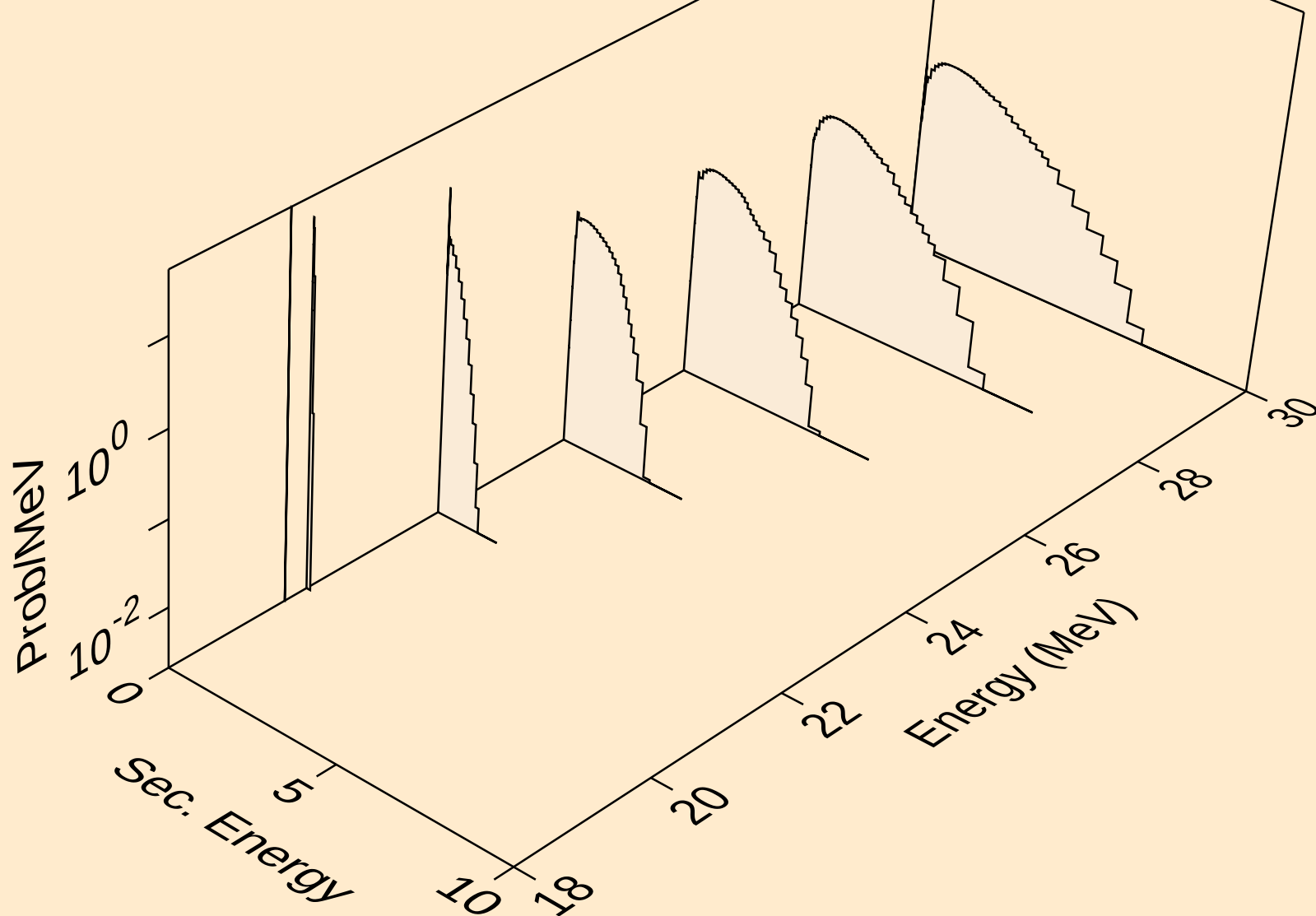
SI031 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,n*)p



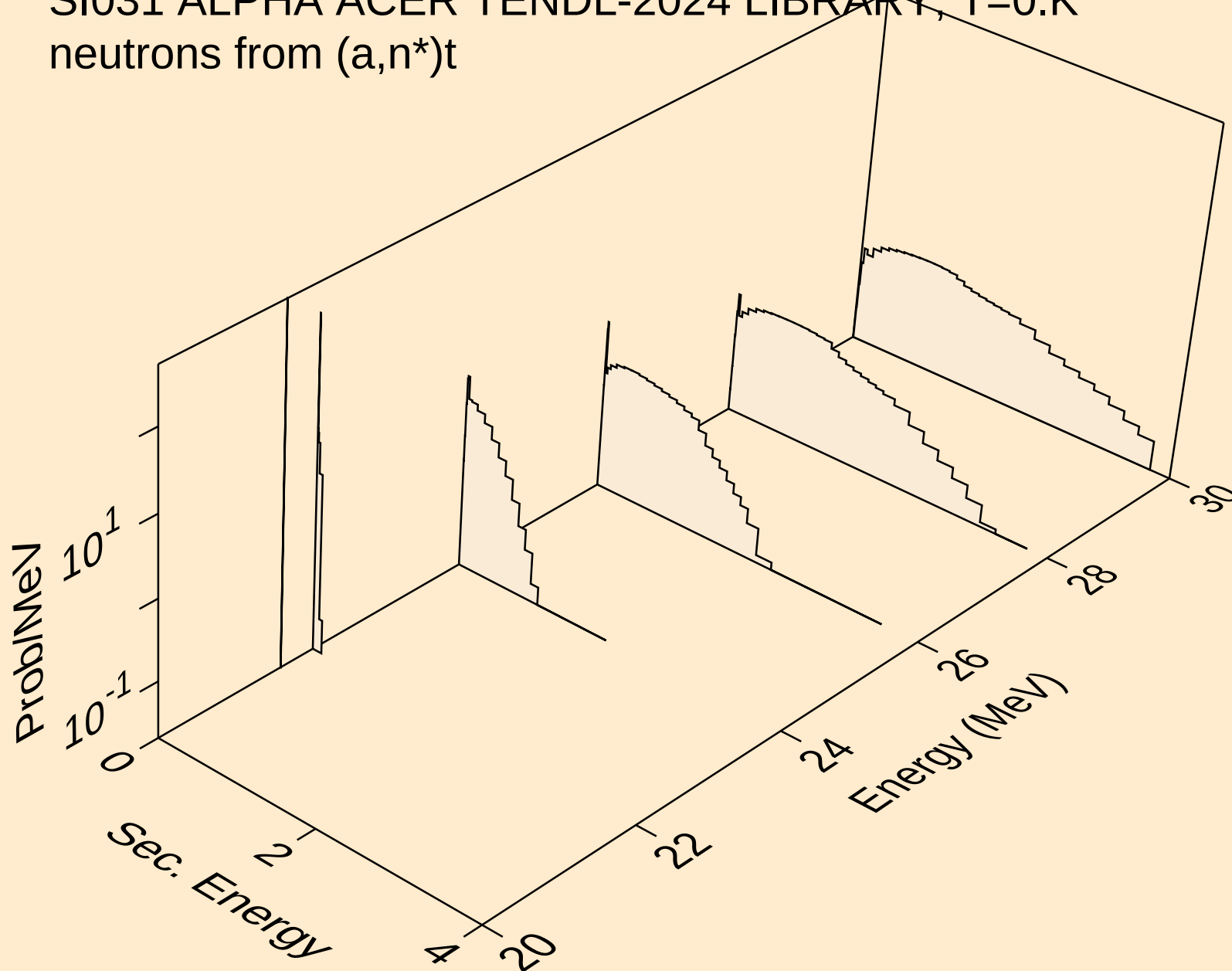
SI031 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,n*)2a



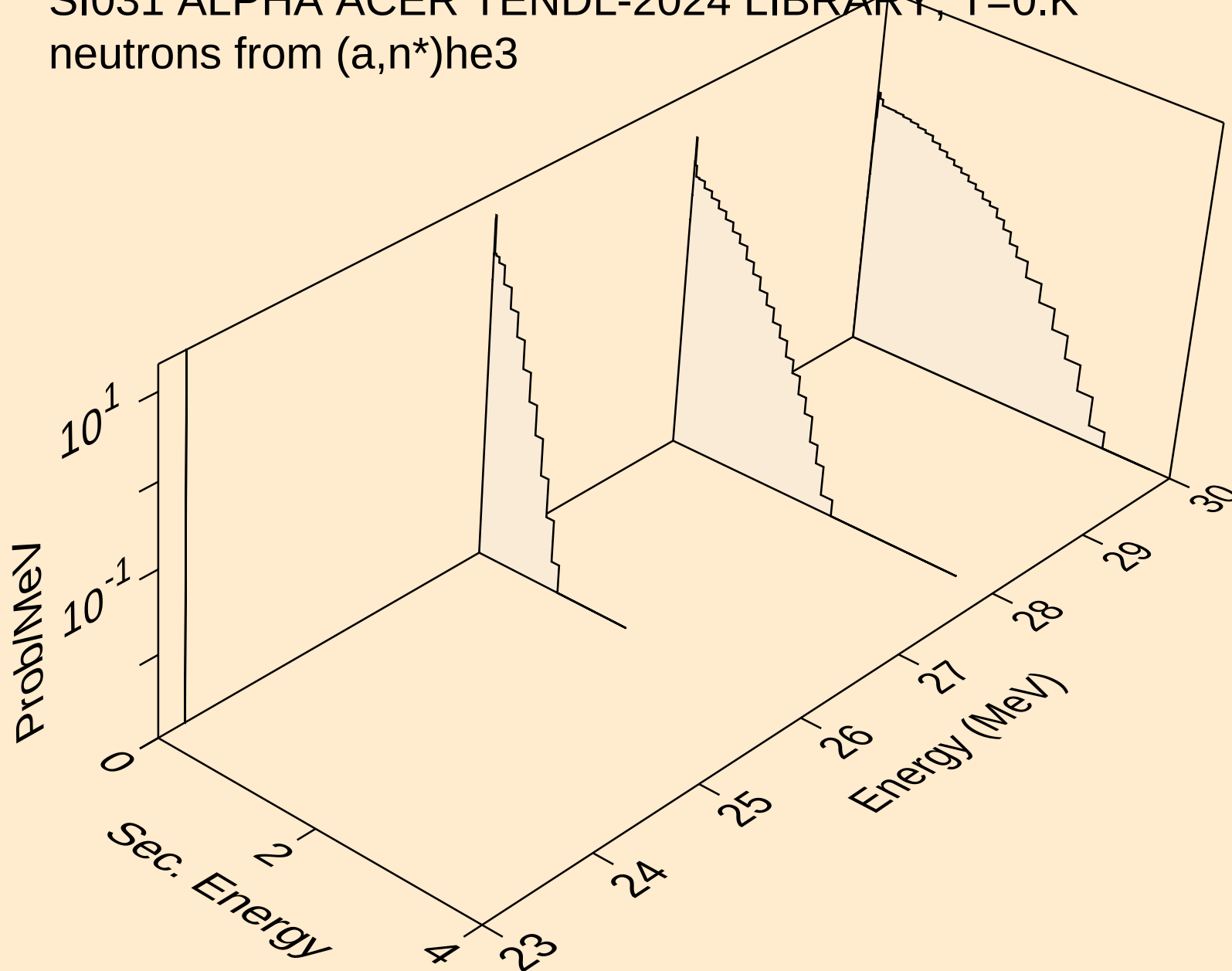
SI031 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,n*)d



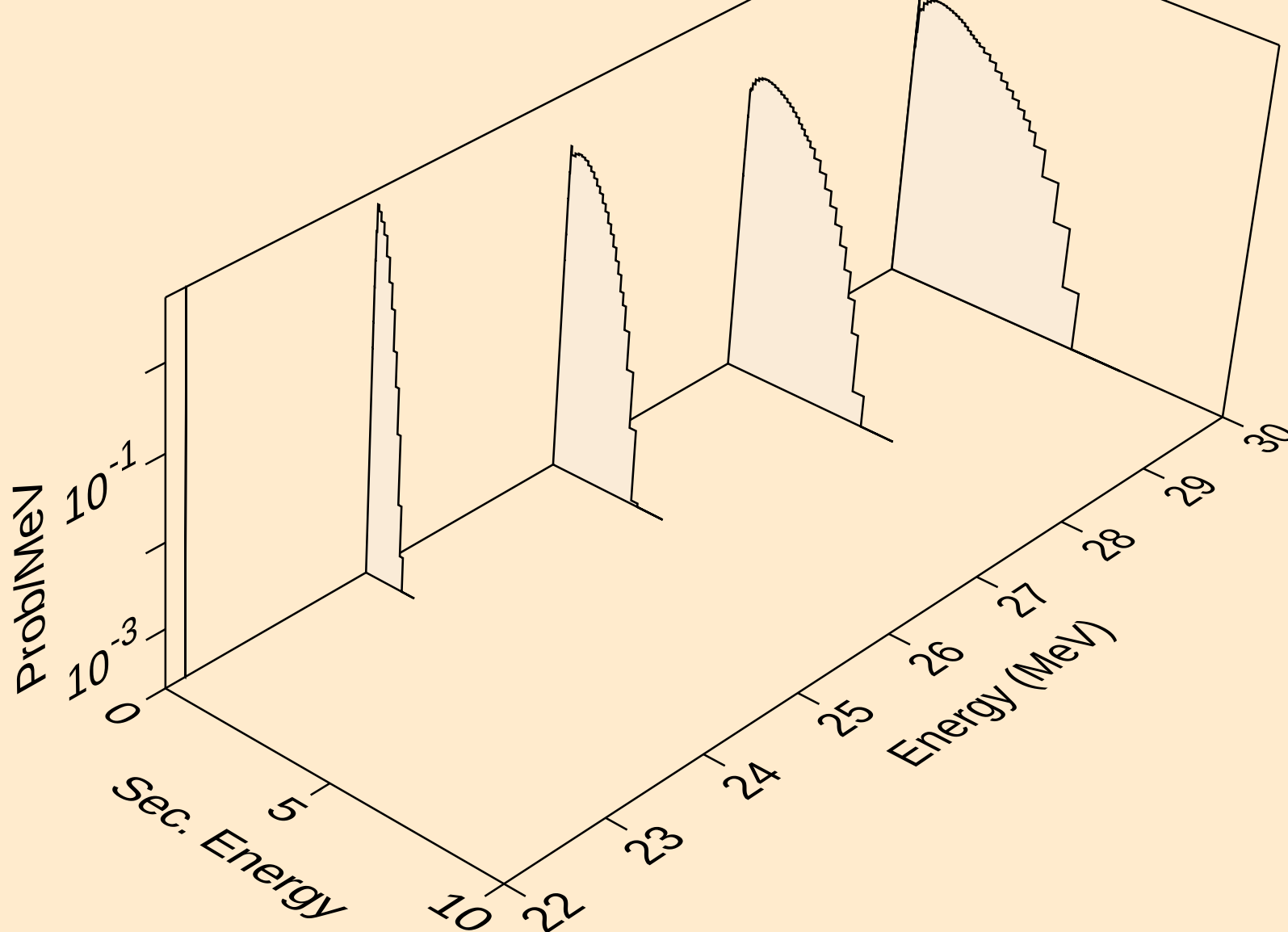
SI031 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,n*)t



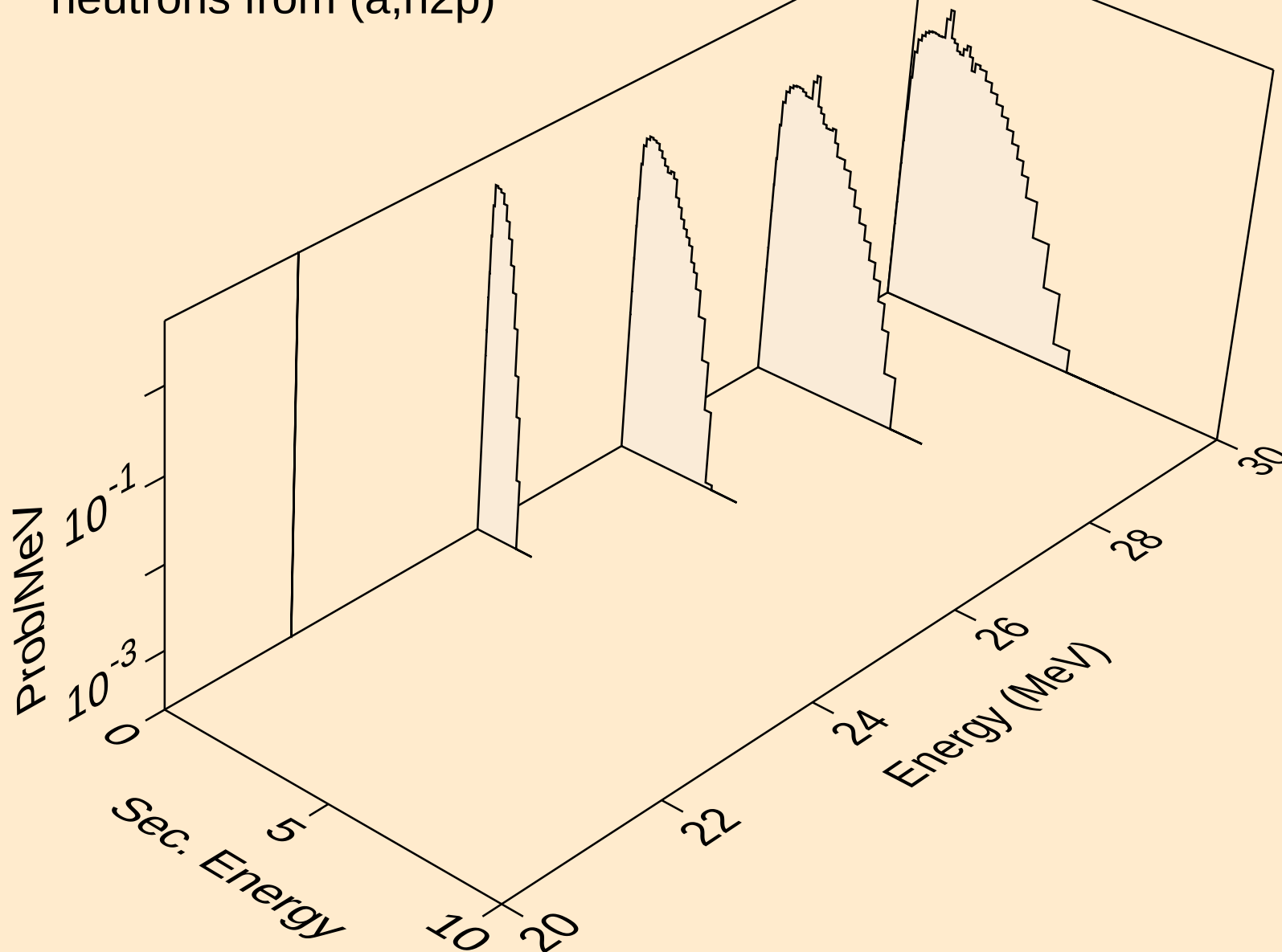
SI031 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,n*)he3



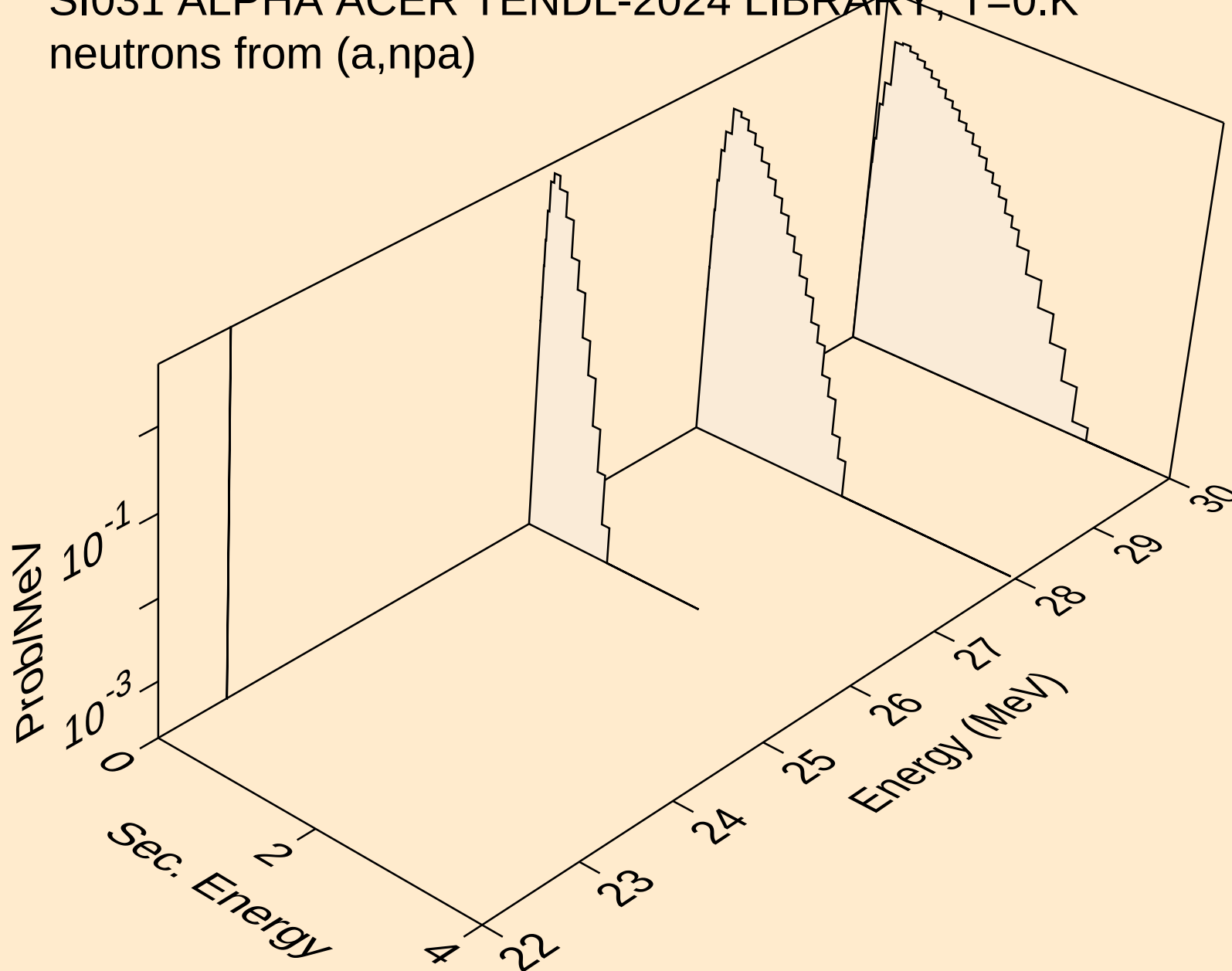
SI031 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,2np)



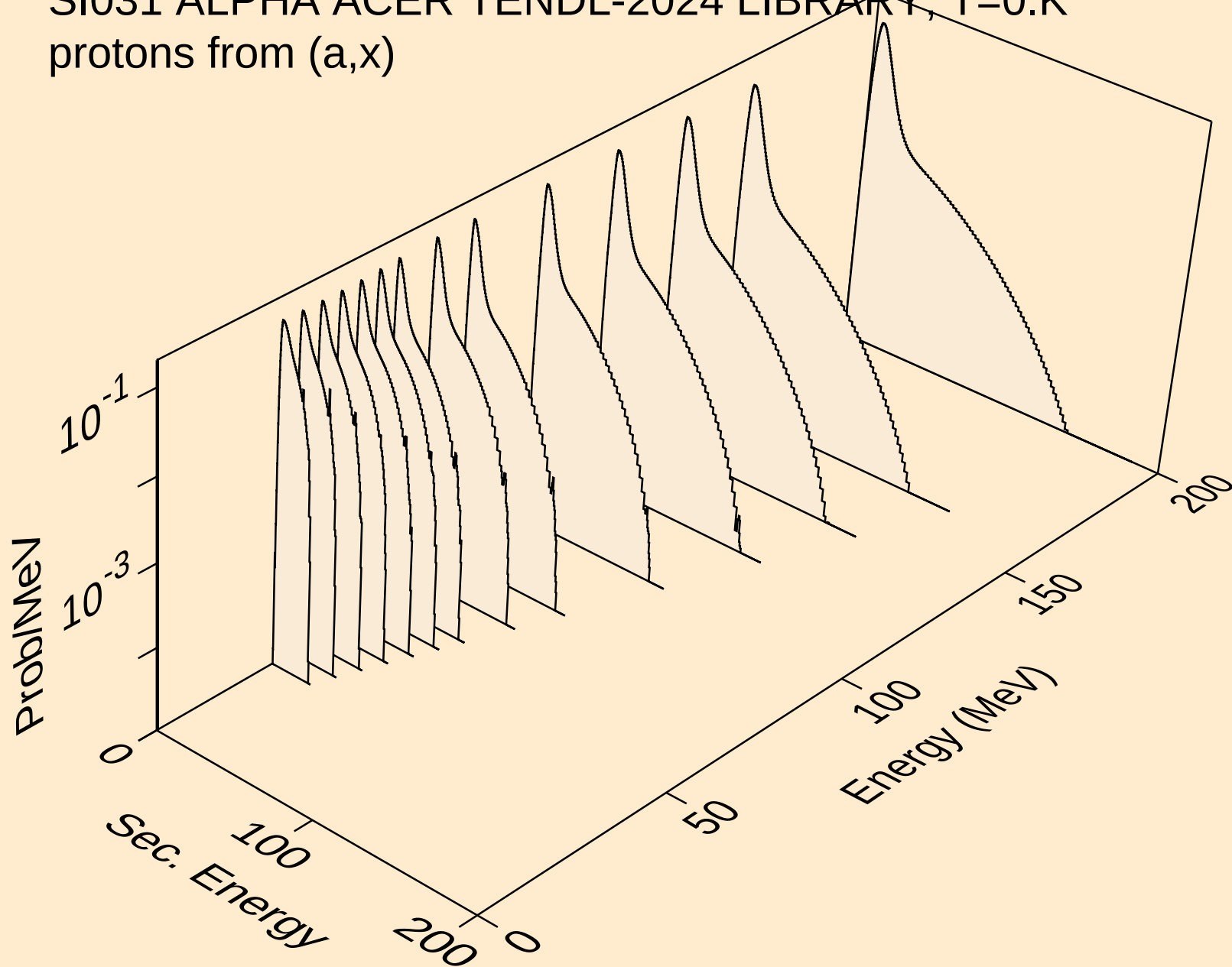
SI031 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,n2p)



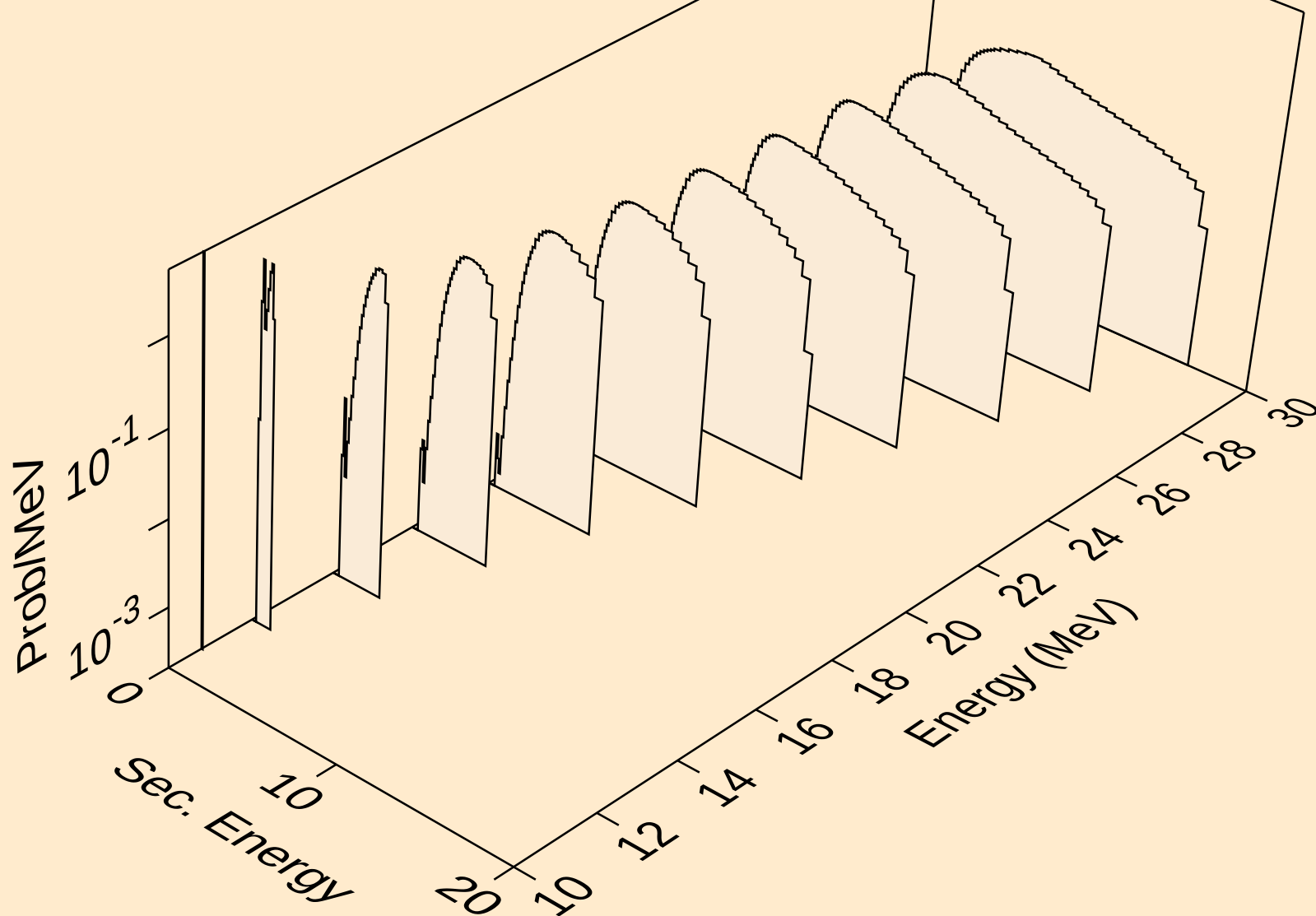
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neutrons from (a,npa)



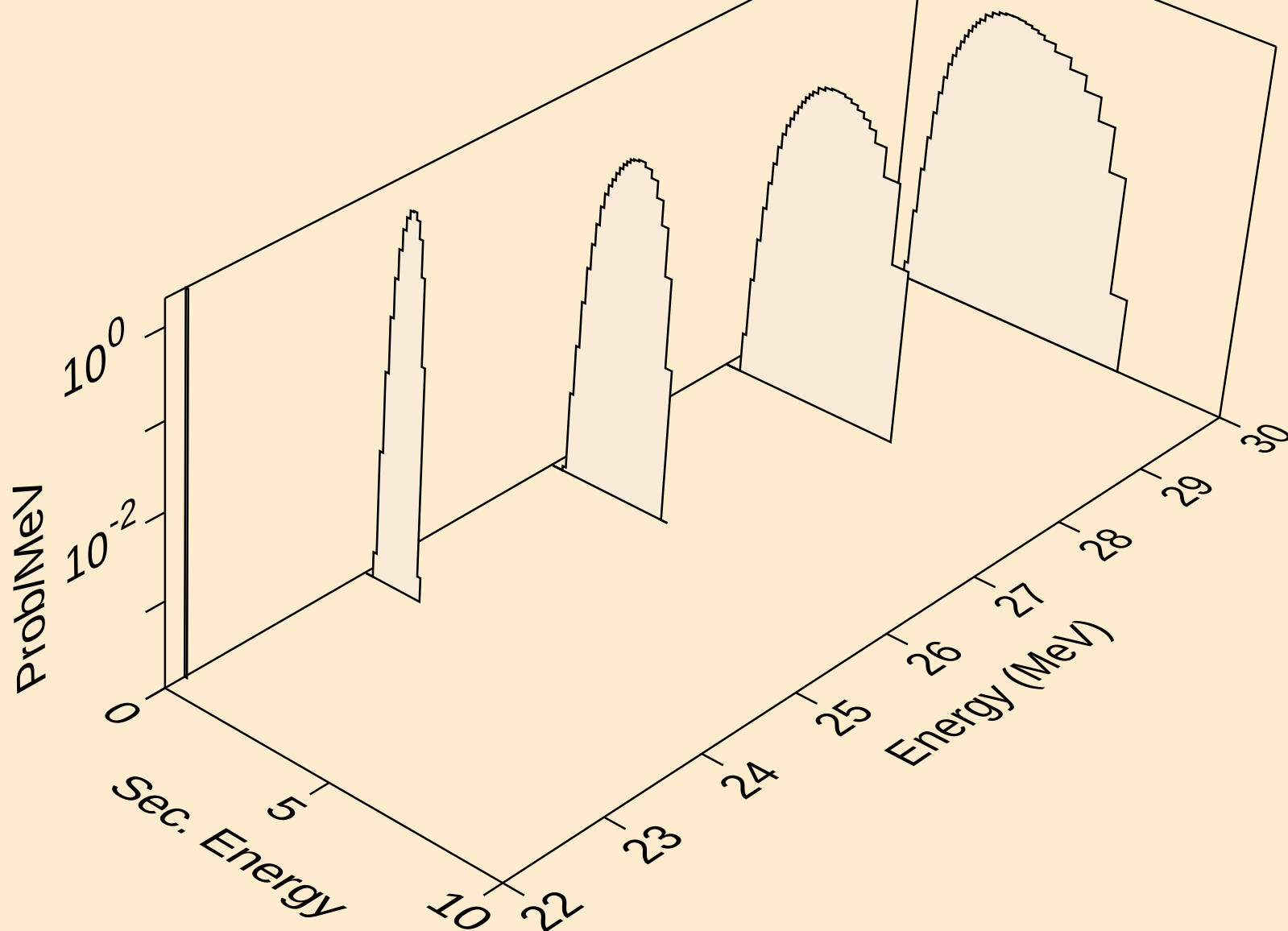
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protons from (a,x)



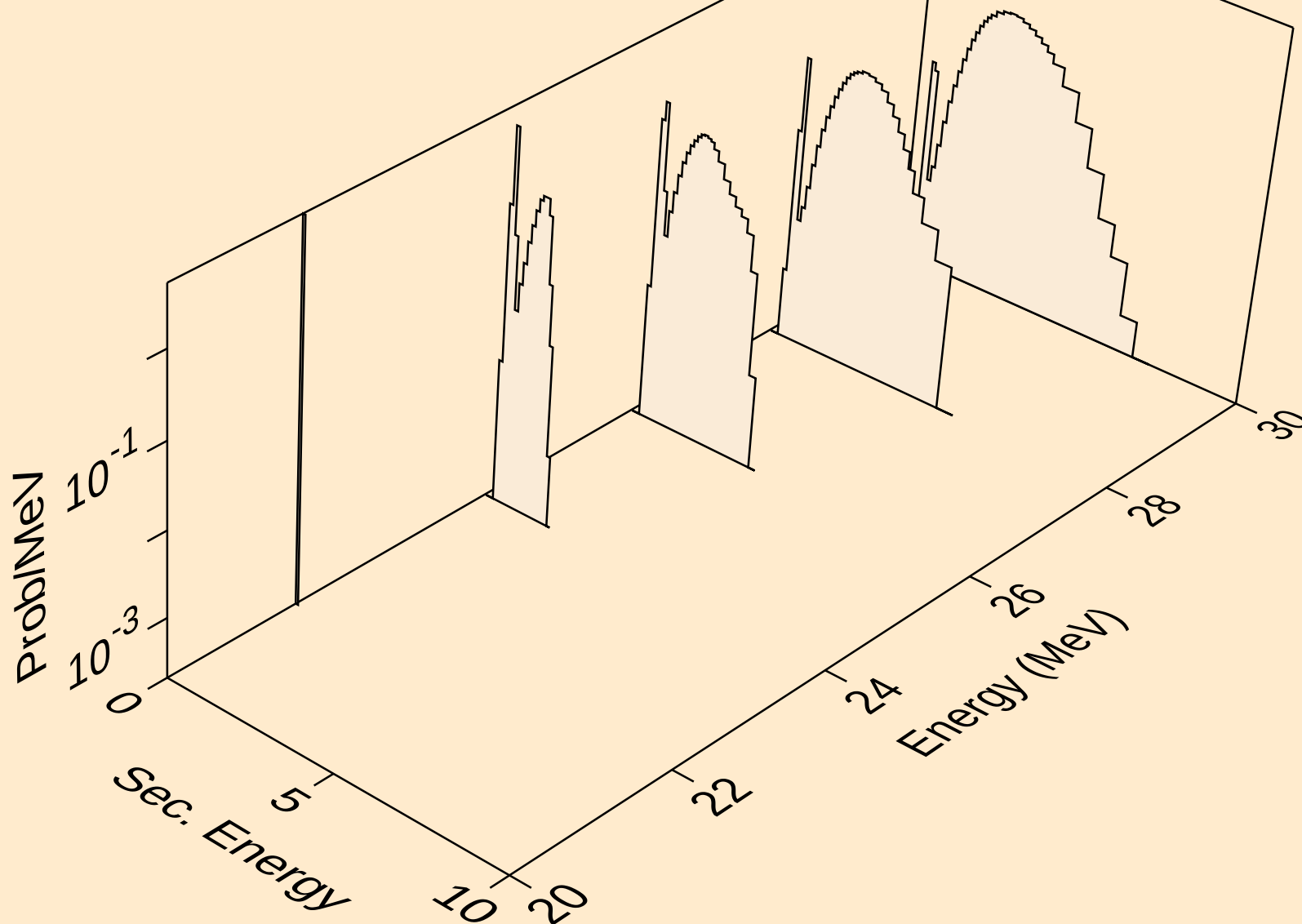
SI031 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
protons from (a,n*)p



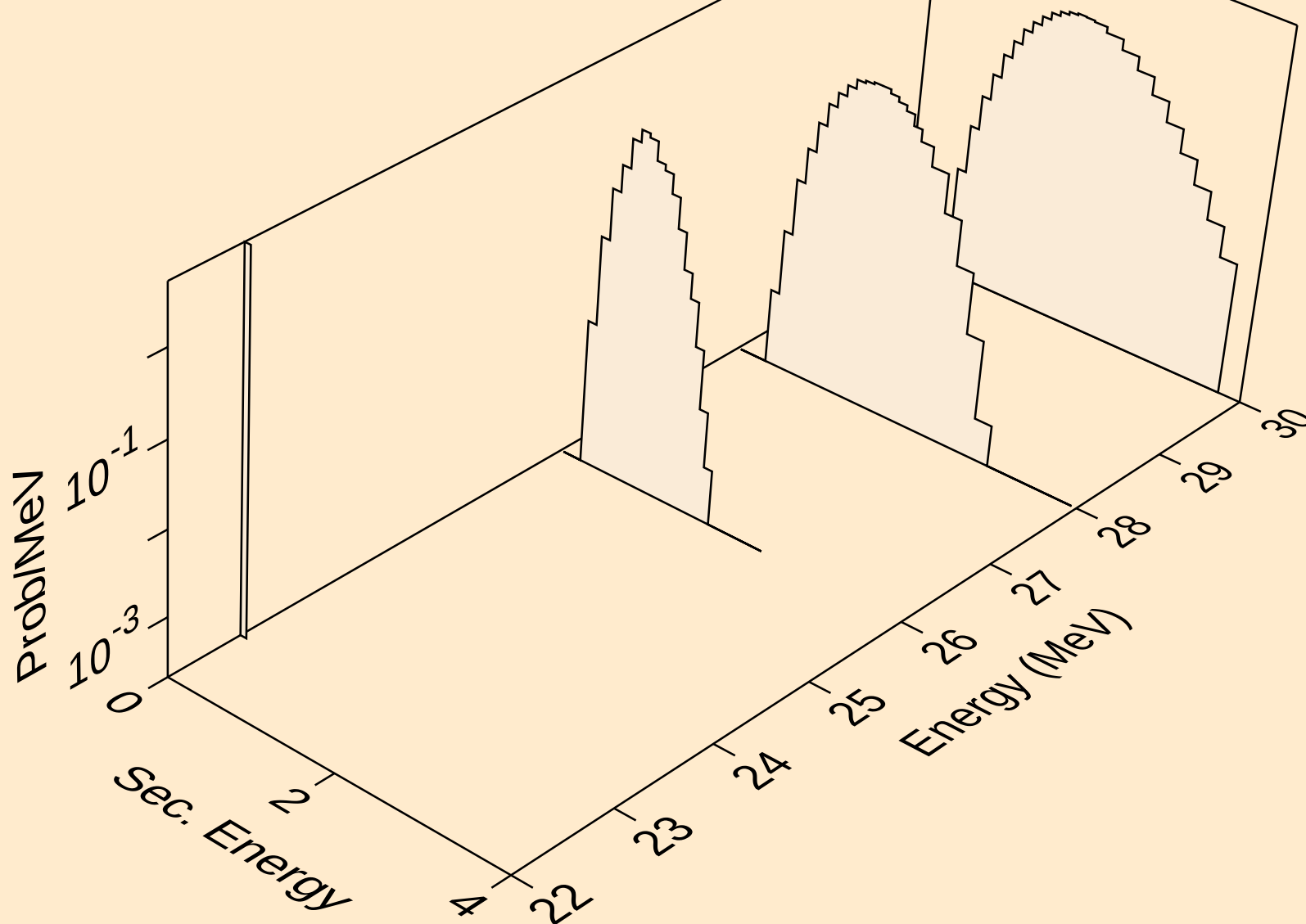
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protons from (a,2np)



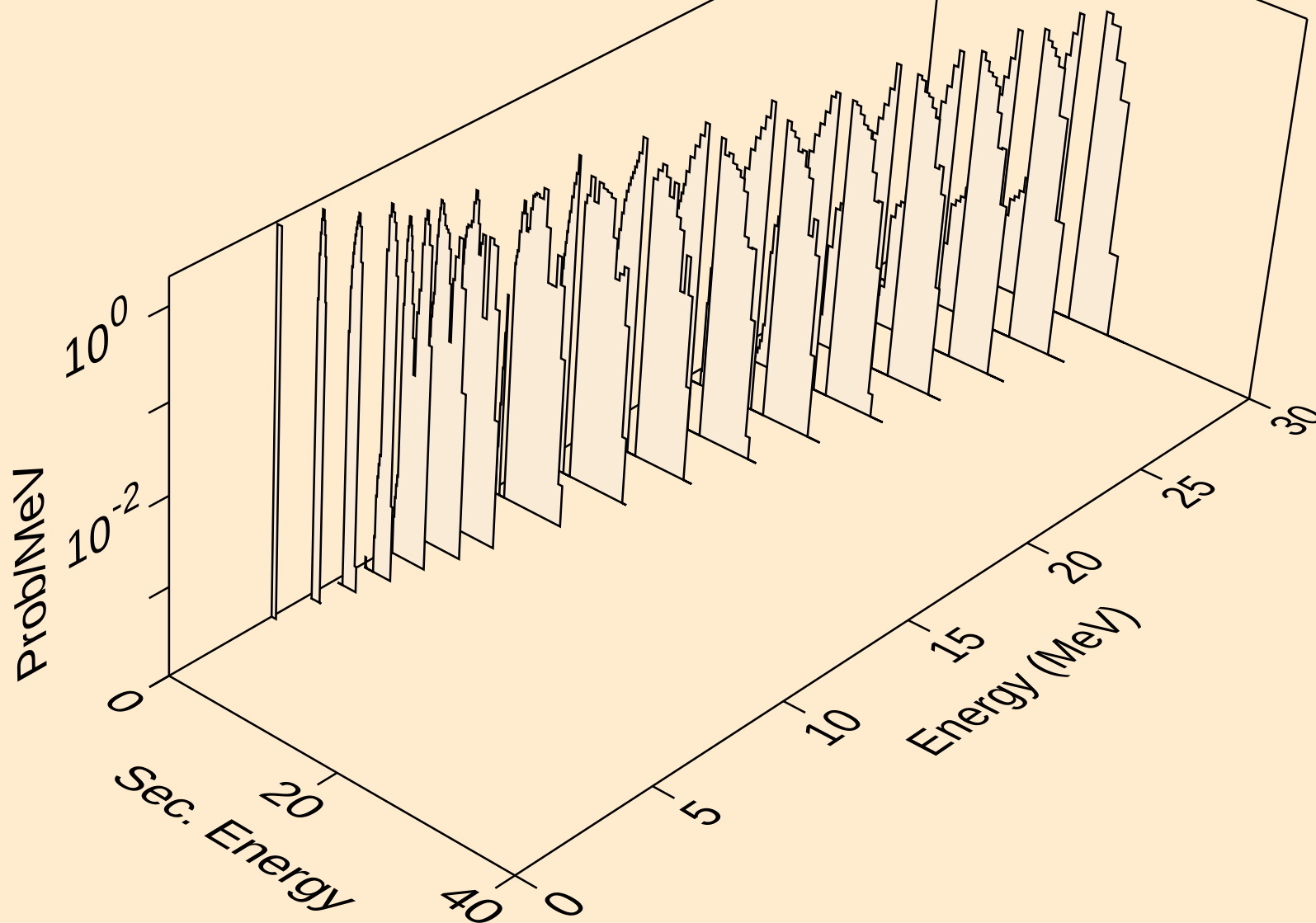
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protons from (a,n2p)



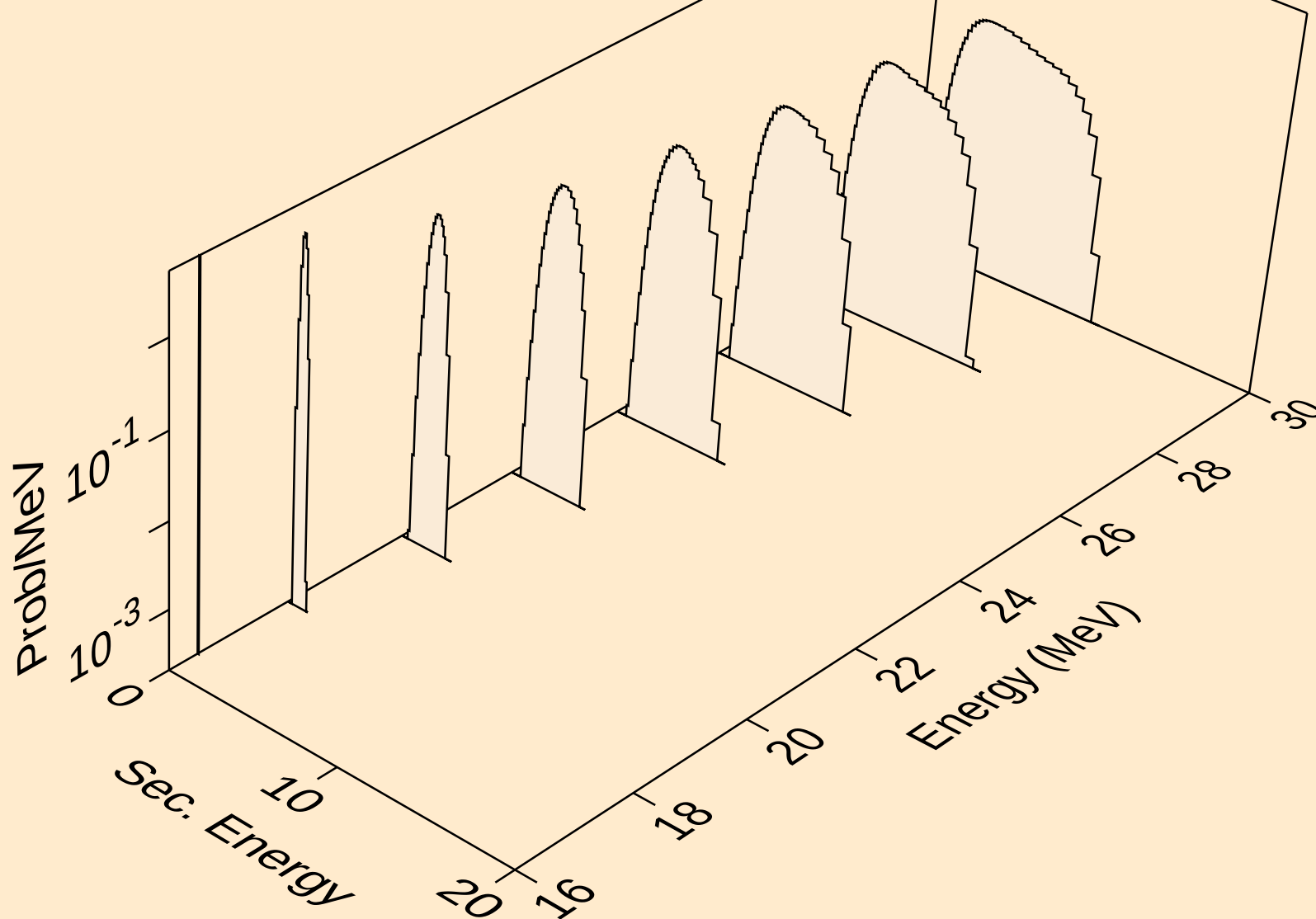
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protons from (a,npa)



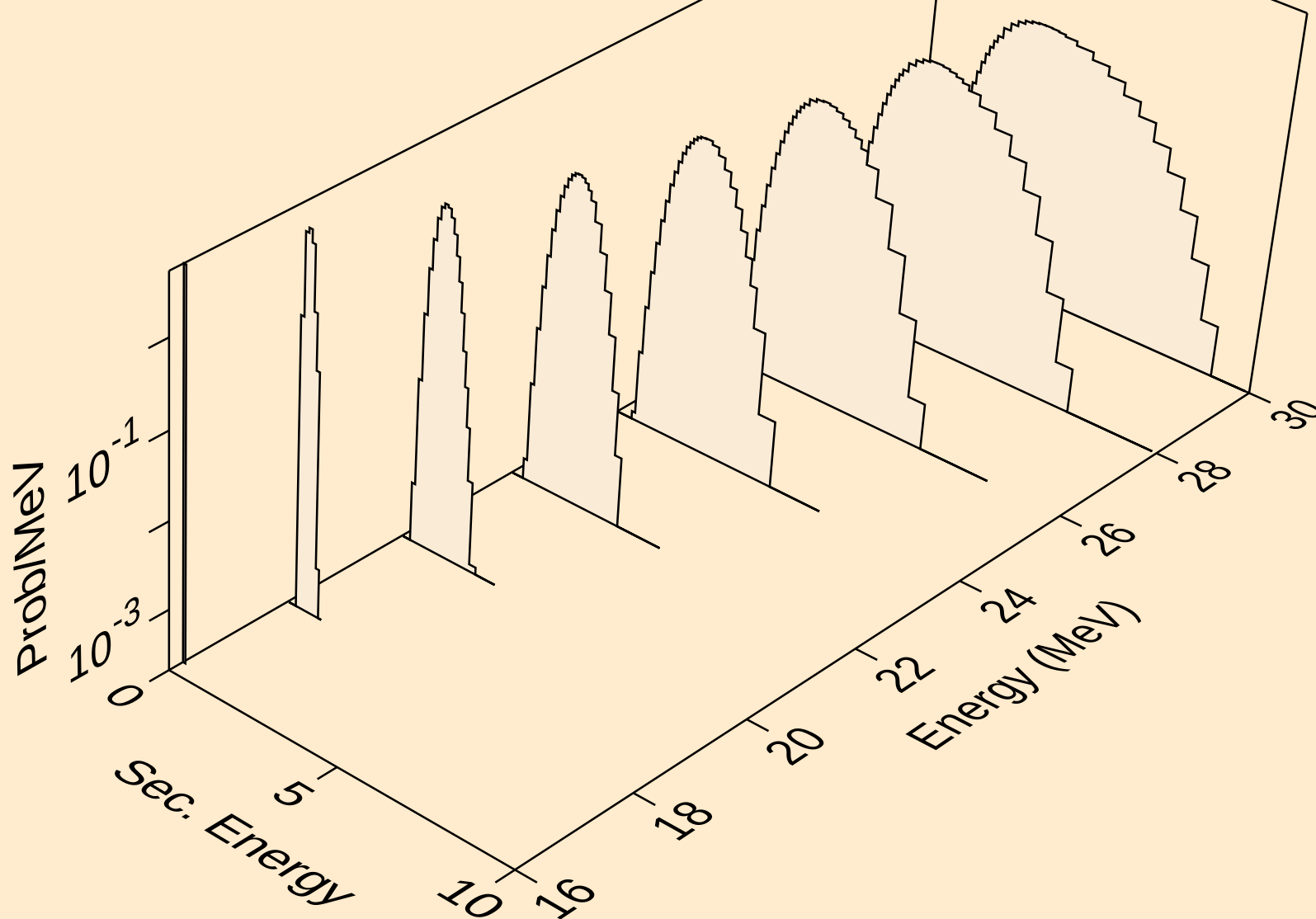
SI031 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
protons from (a,p)



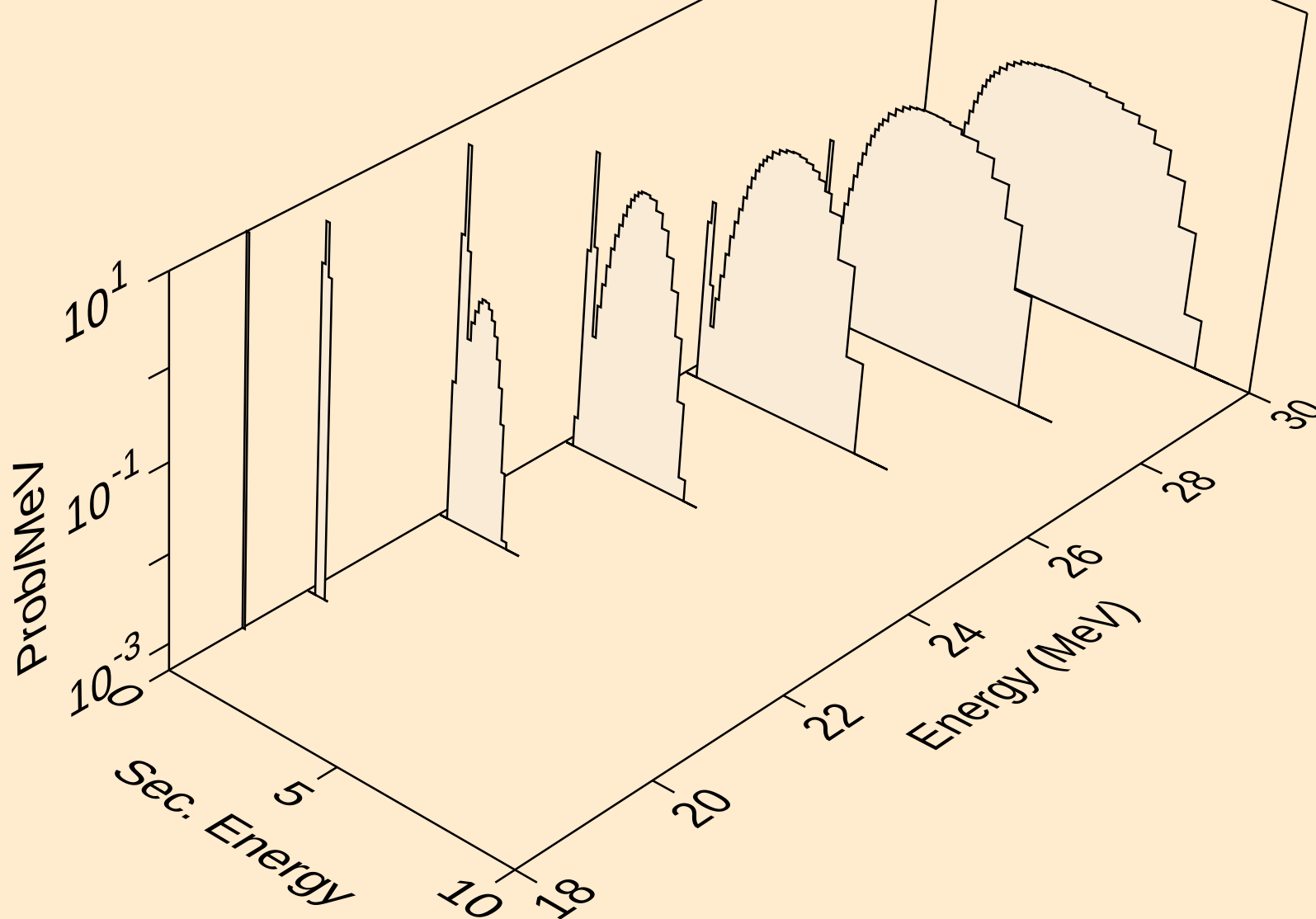
SI031 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
protons from (a,2p)



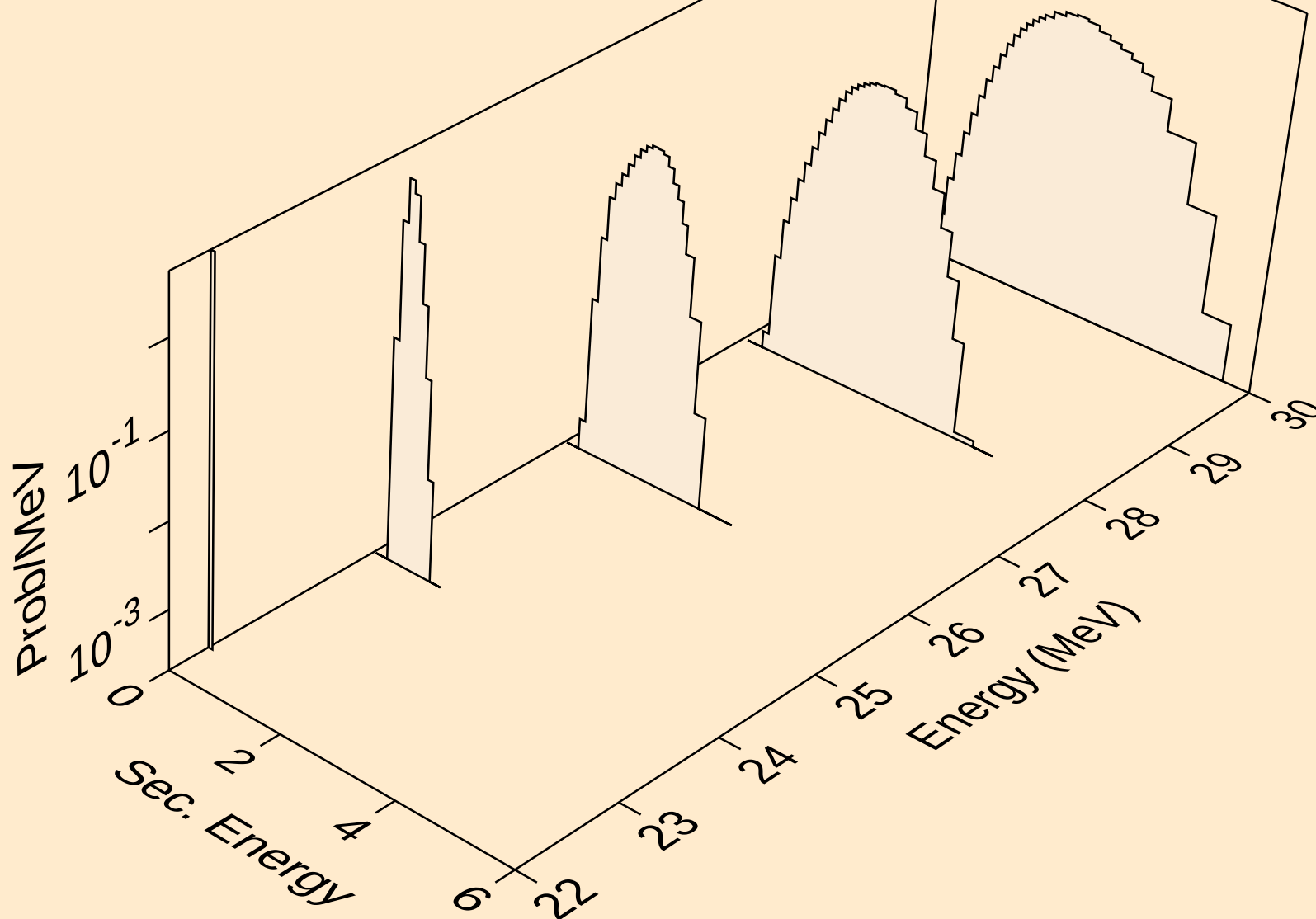
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protons from (a,pa)



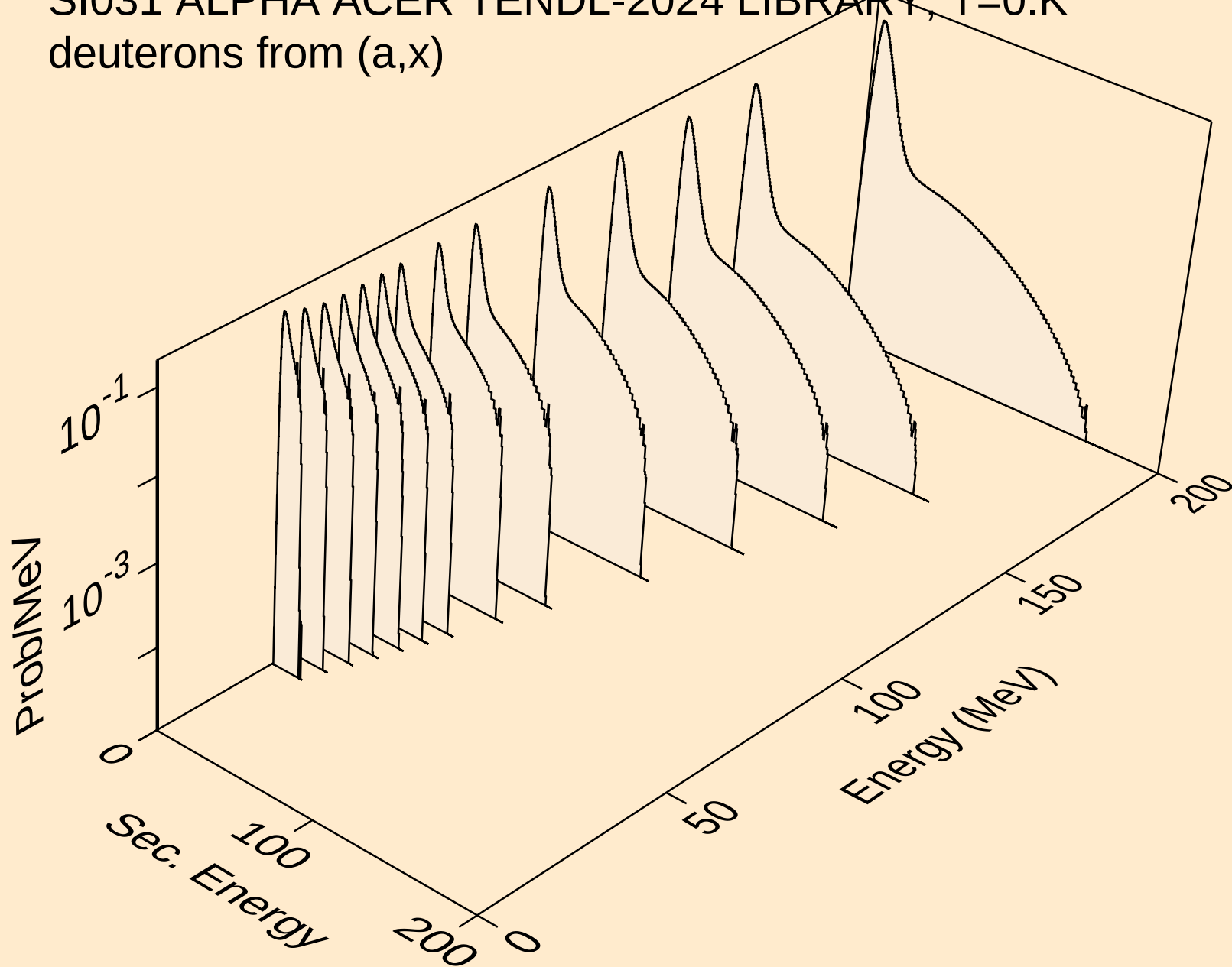
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protons from (a,pd)



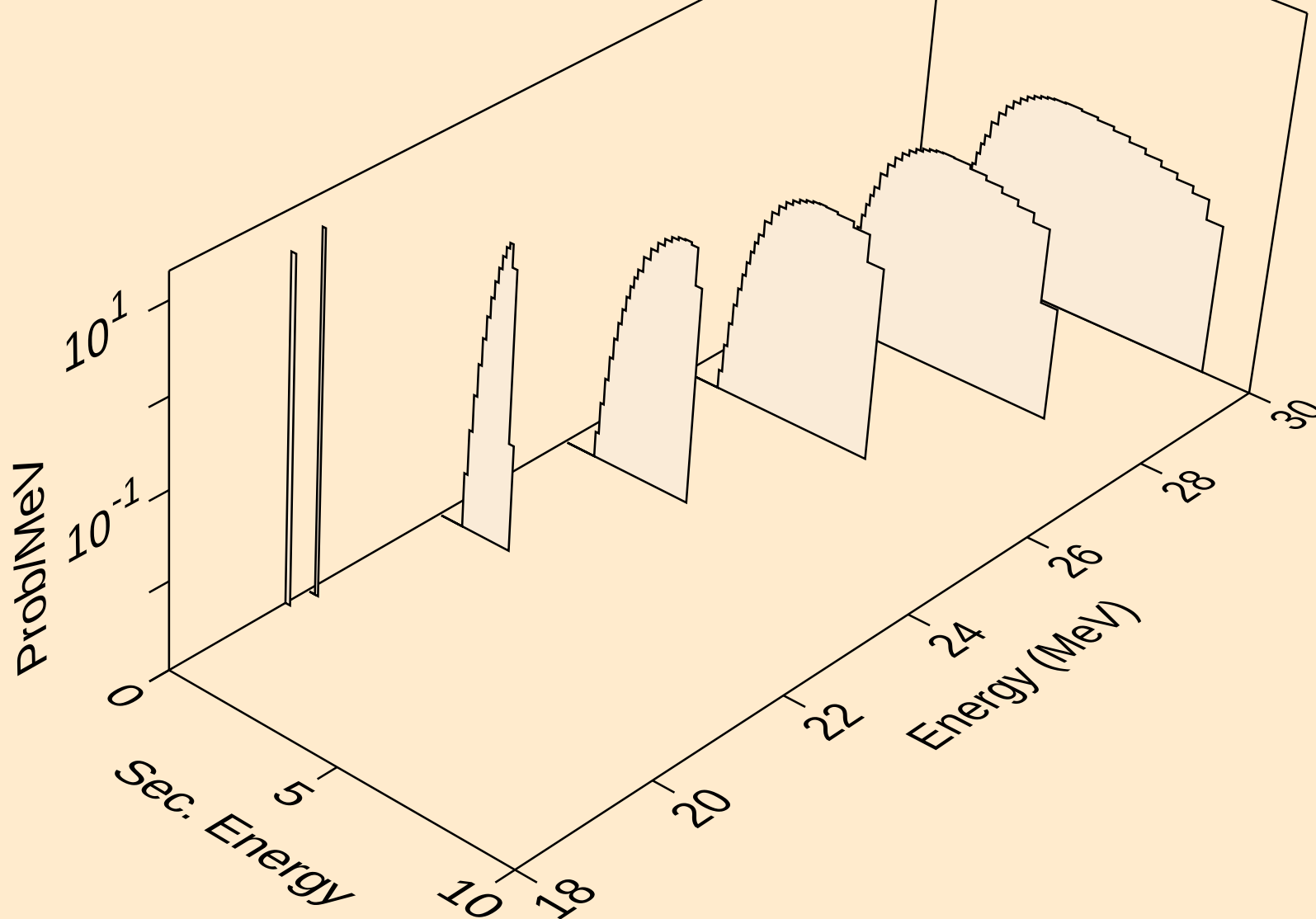
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protons from (a,pt)



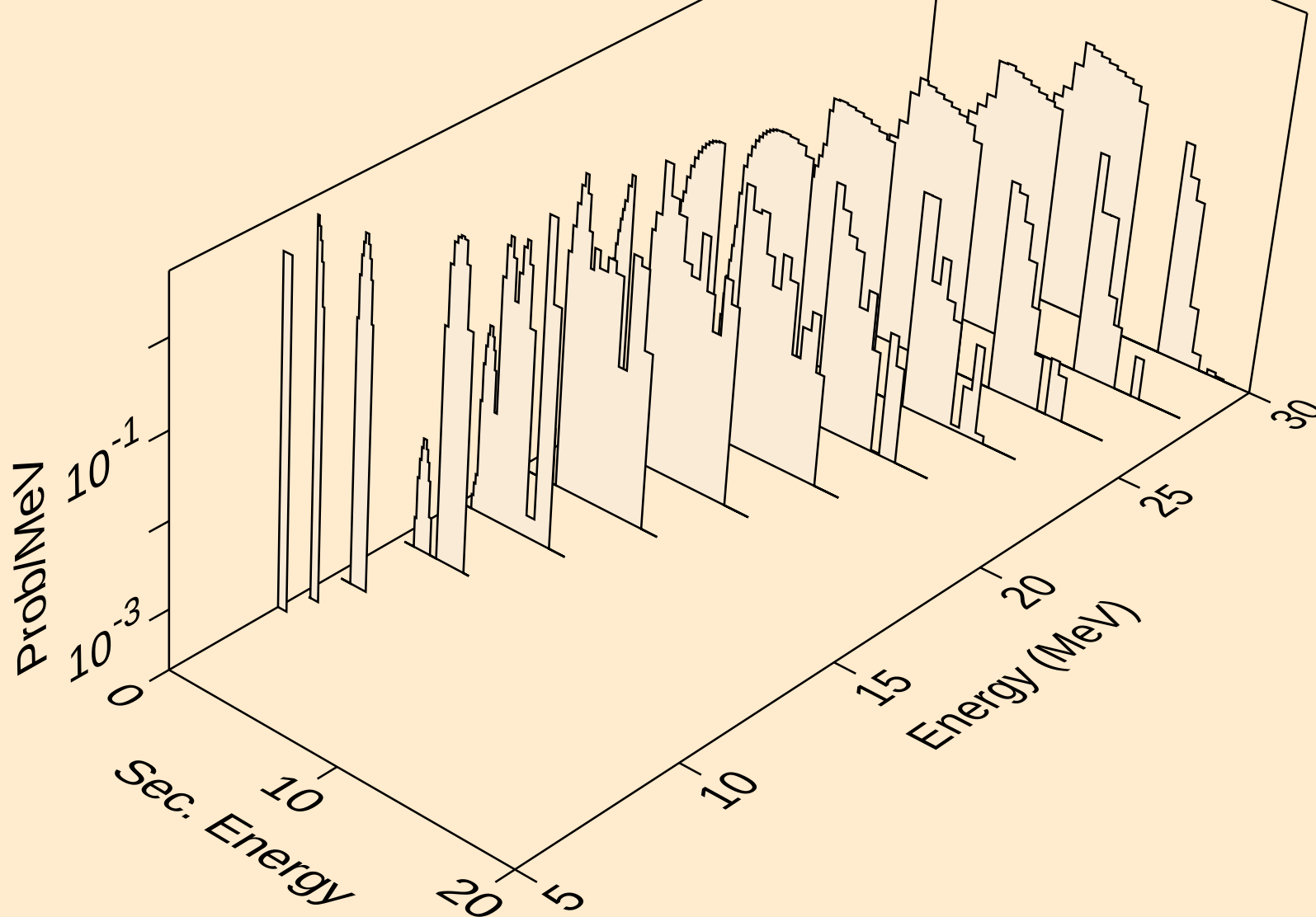
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deuterons from (a,x)



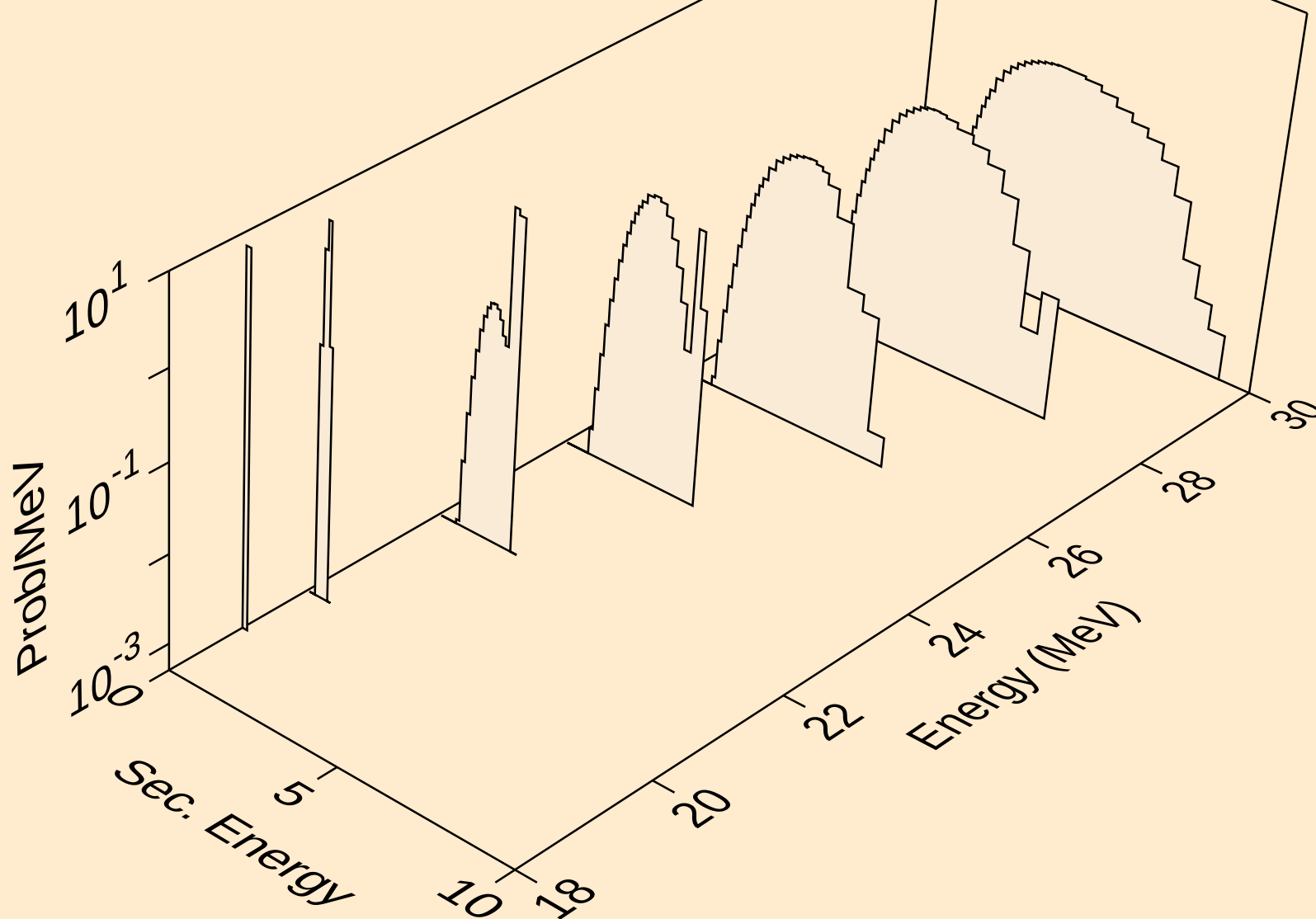
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deuterons from (a,n*)d



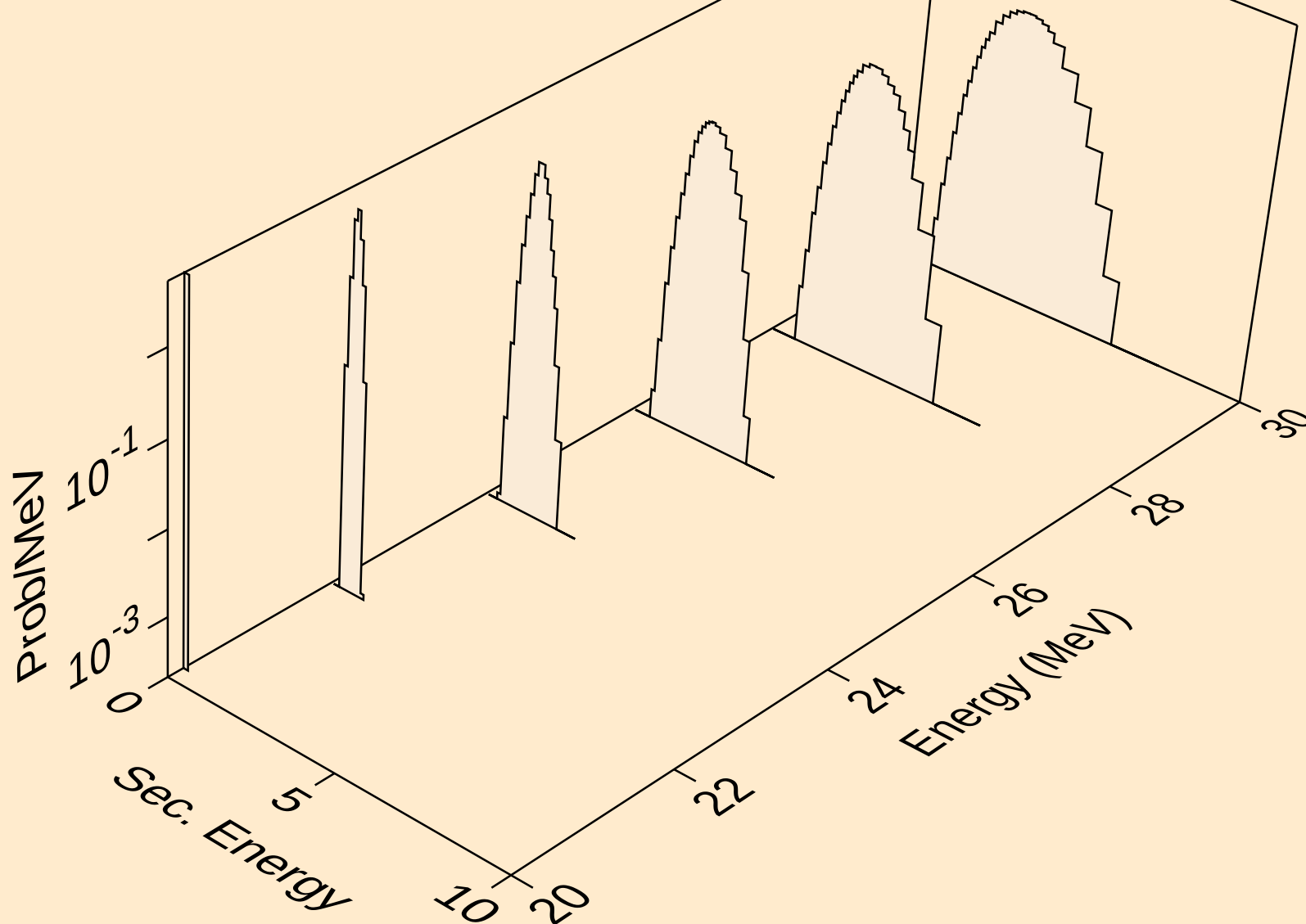
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deuterons from (a,d)



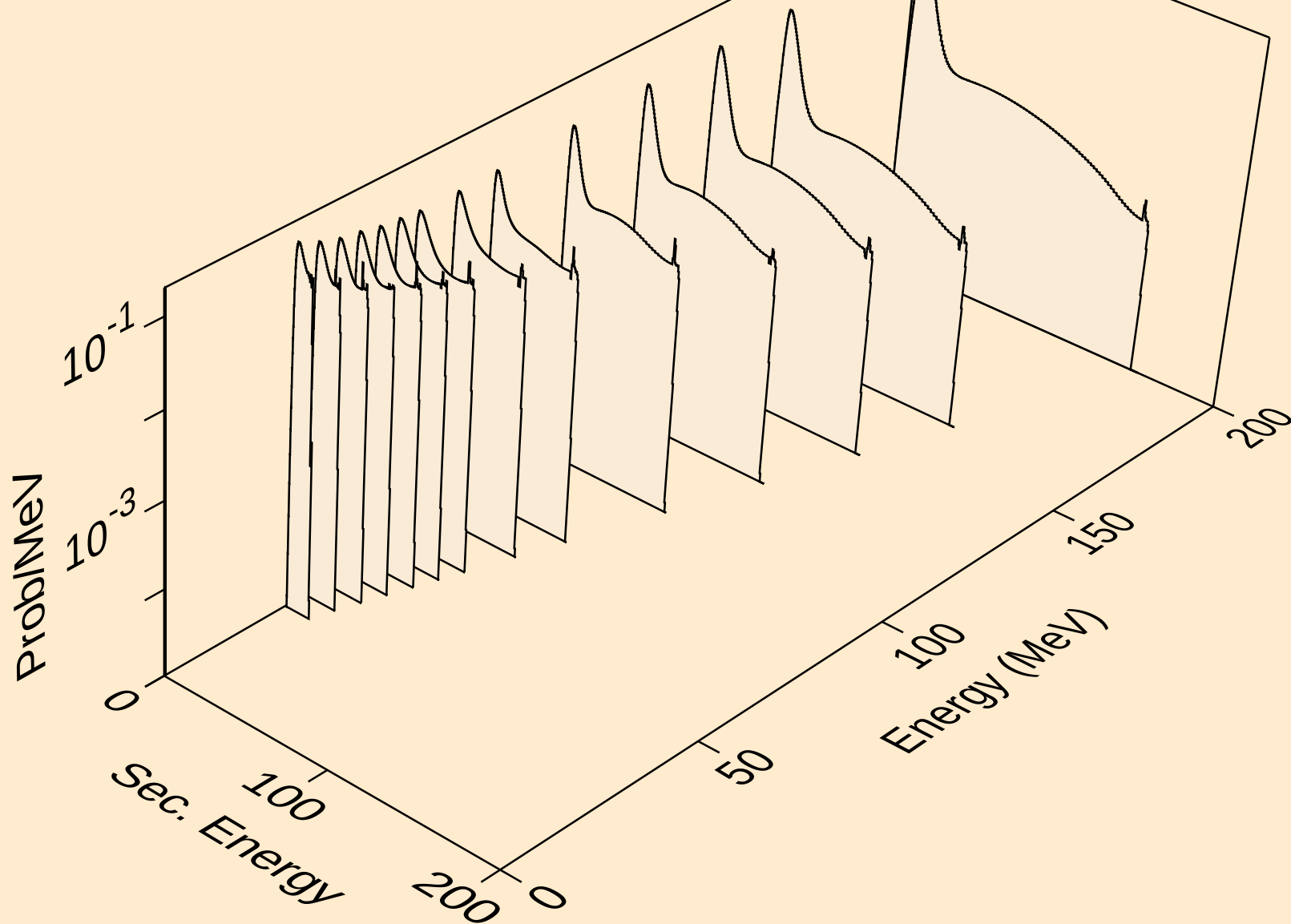
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deuterons from (a,pd)



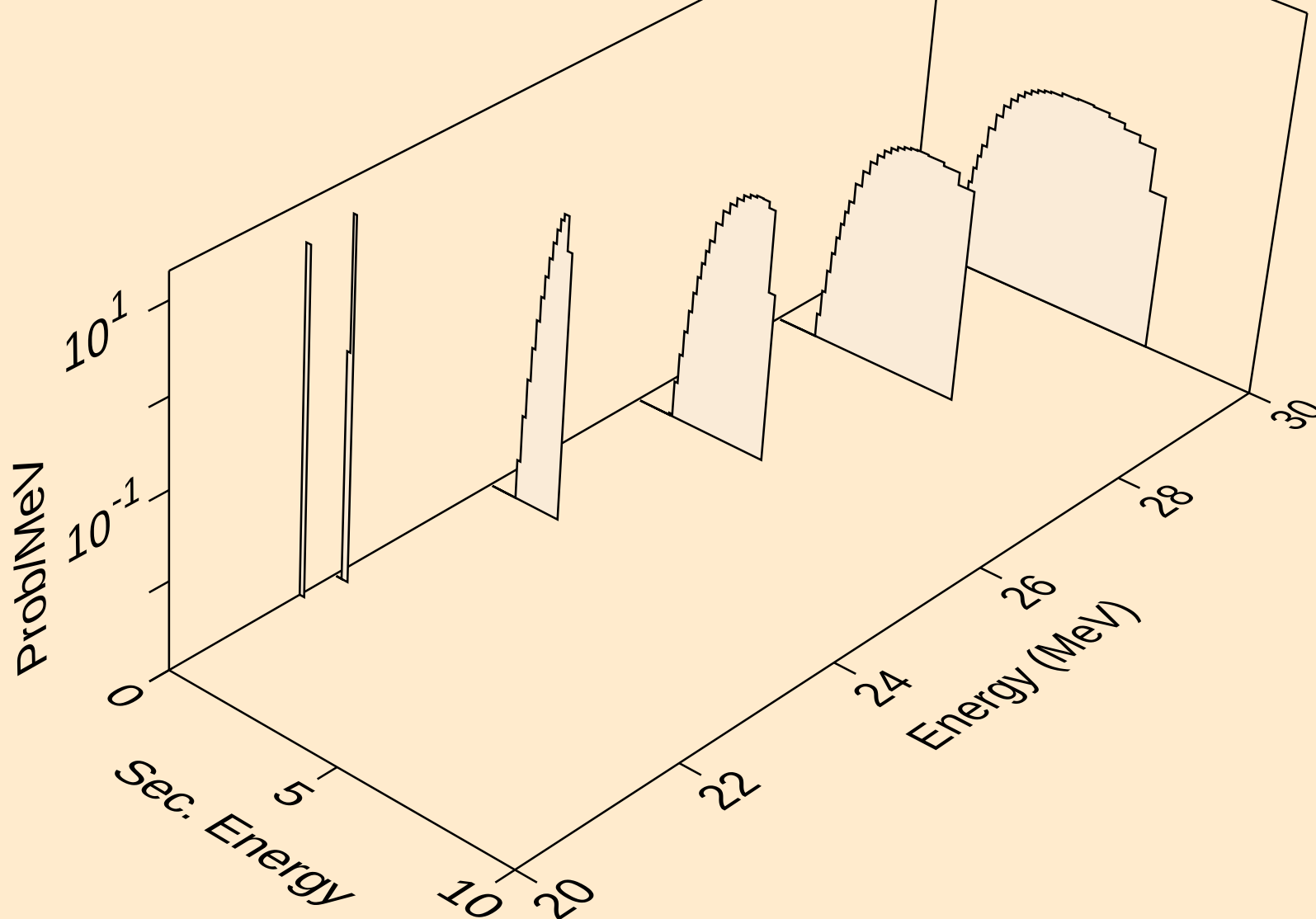
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deuterons from (a,da)



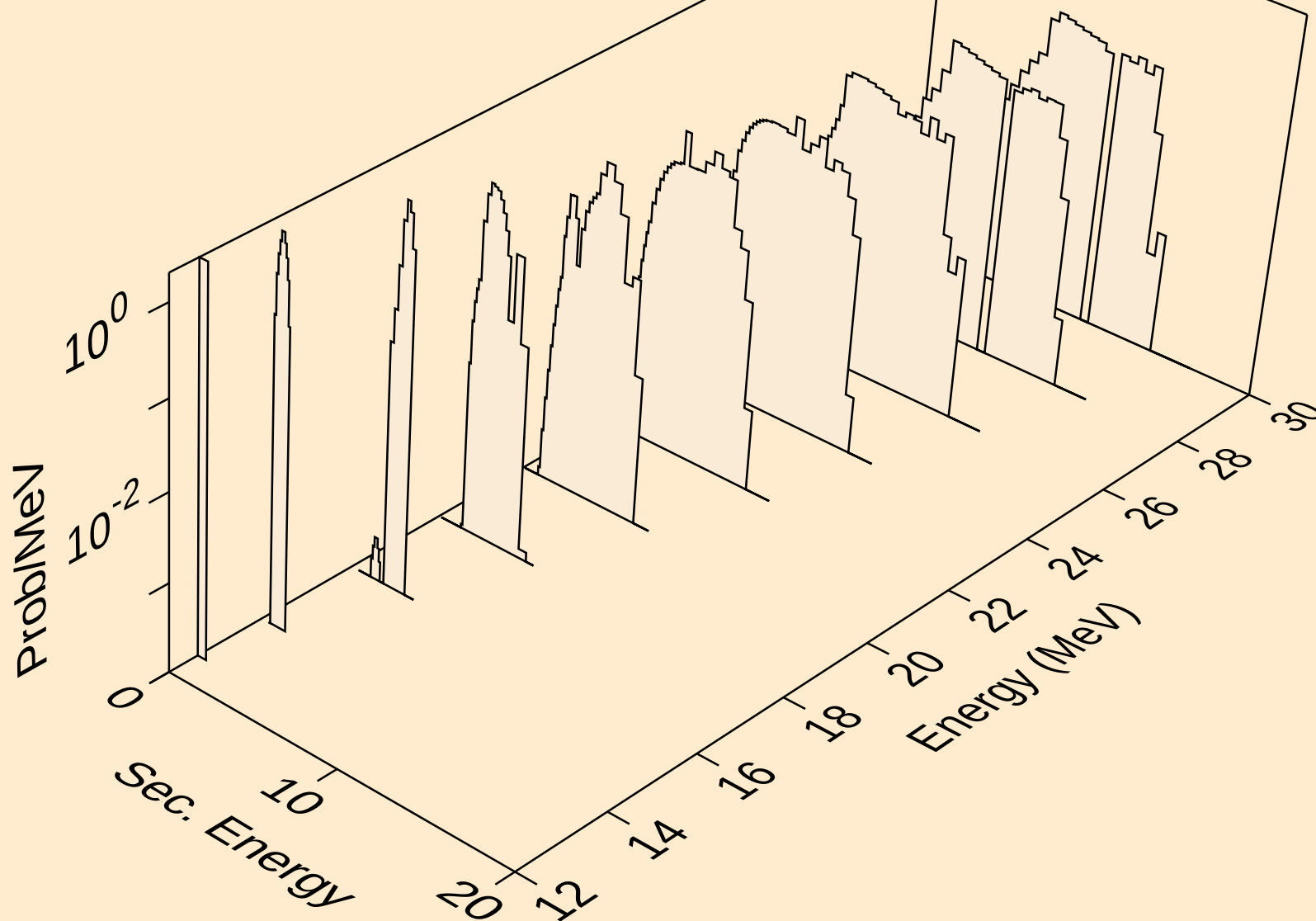
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tritons from (a,x)



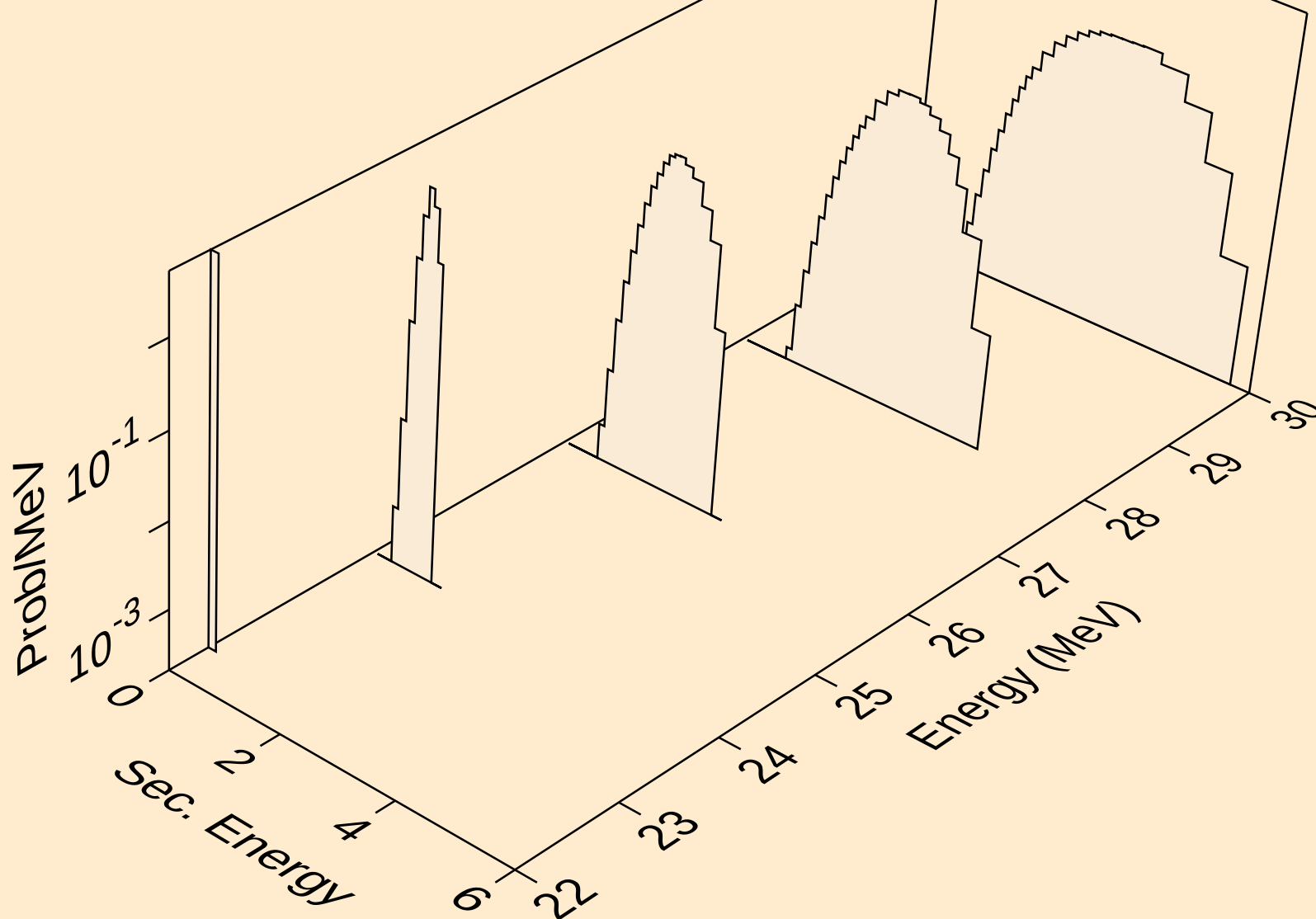
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tritons from (a,n*)t



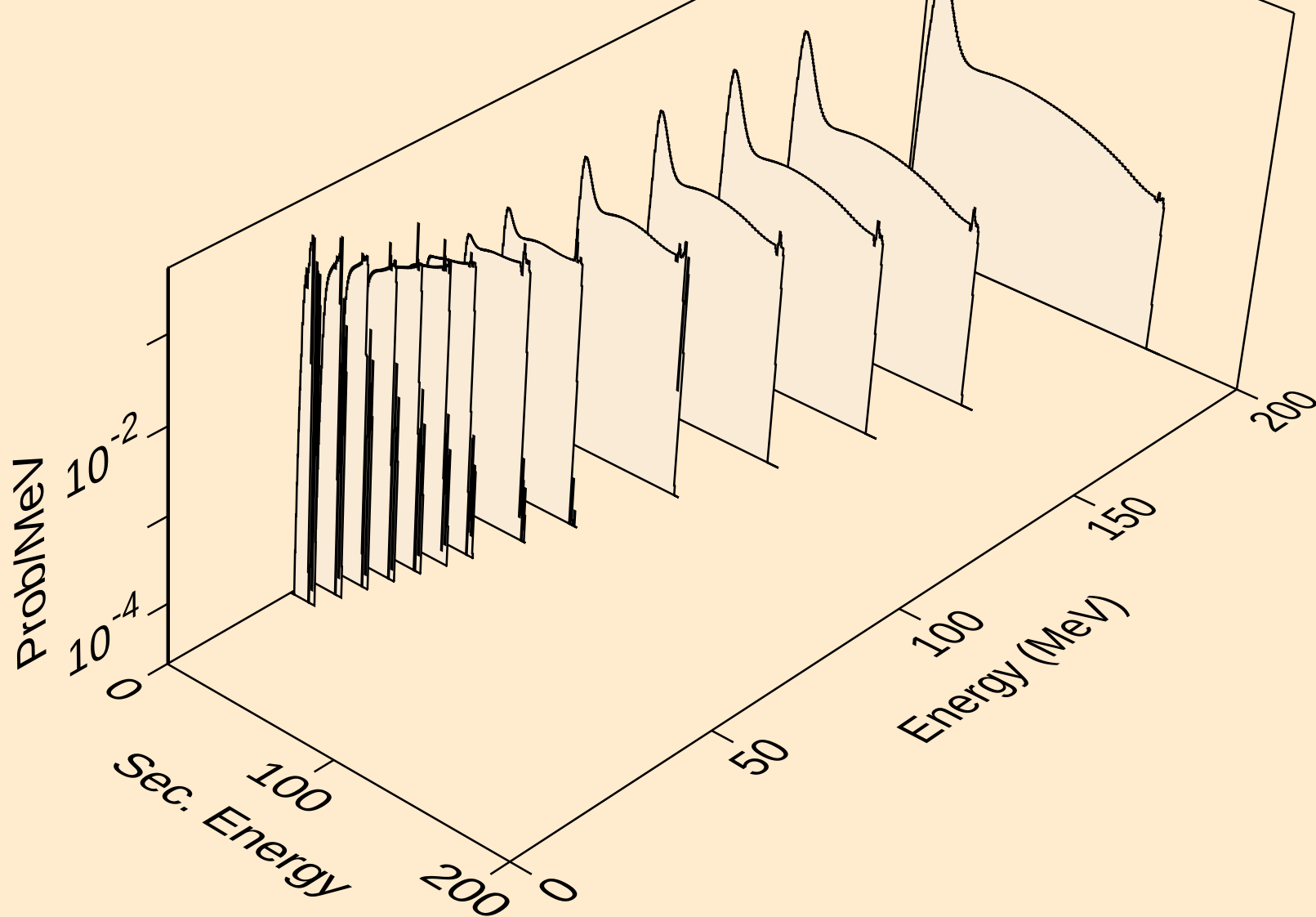
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tritons from (a,t)



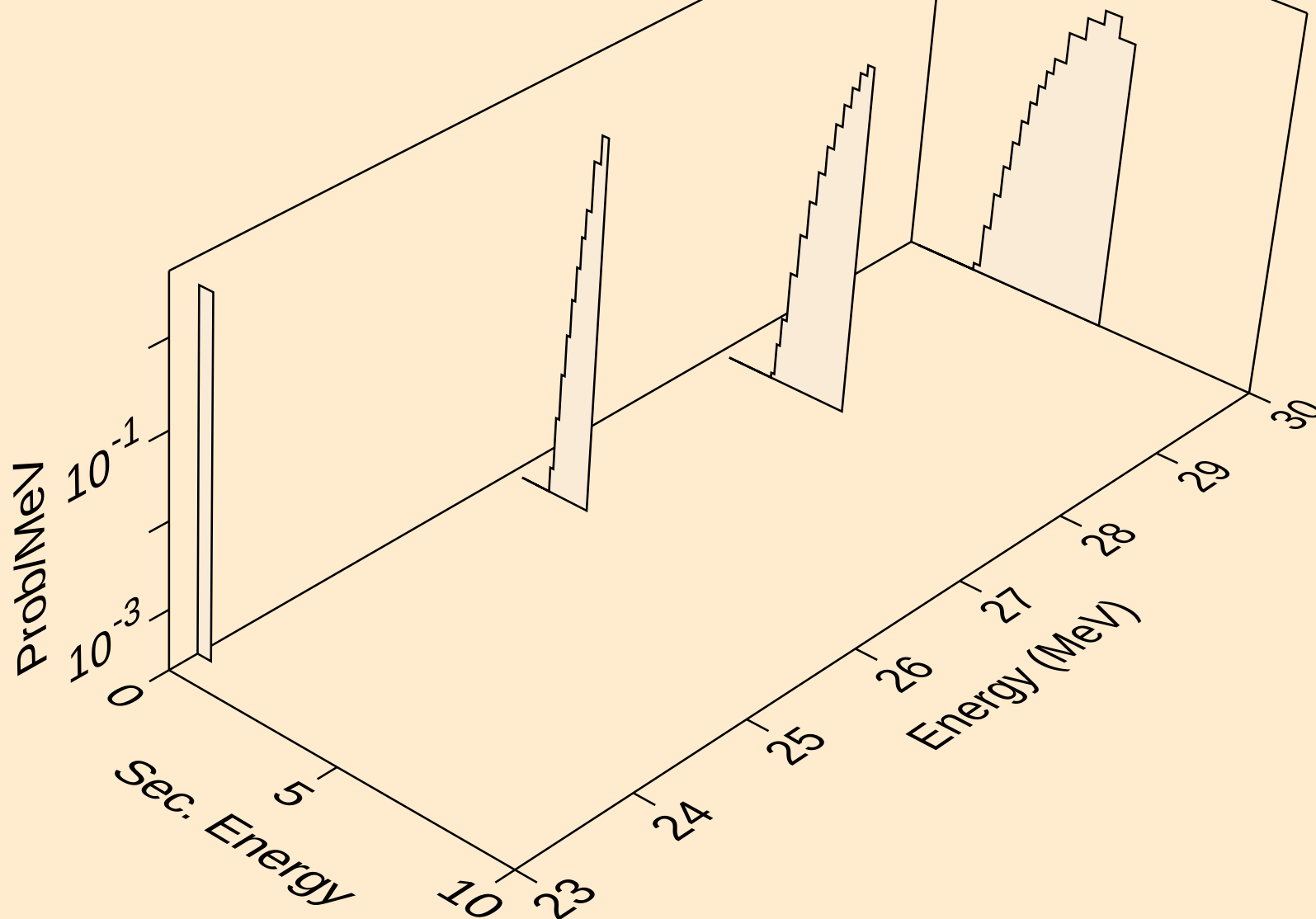
SI031 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
tritons from (a,pt)



SI031 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
he3s from (a,x)



SI031 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
he3s from (a,n*)he3



SI031 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
he3s from (a,he3)

