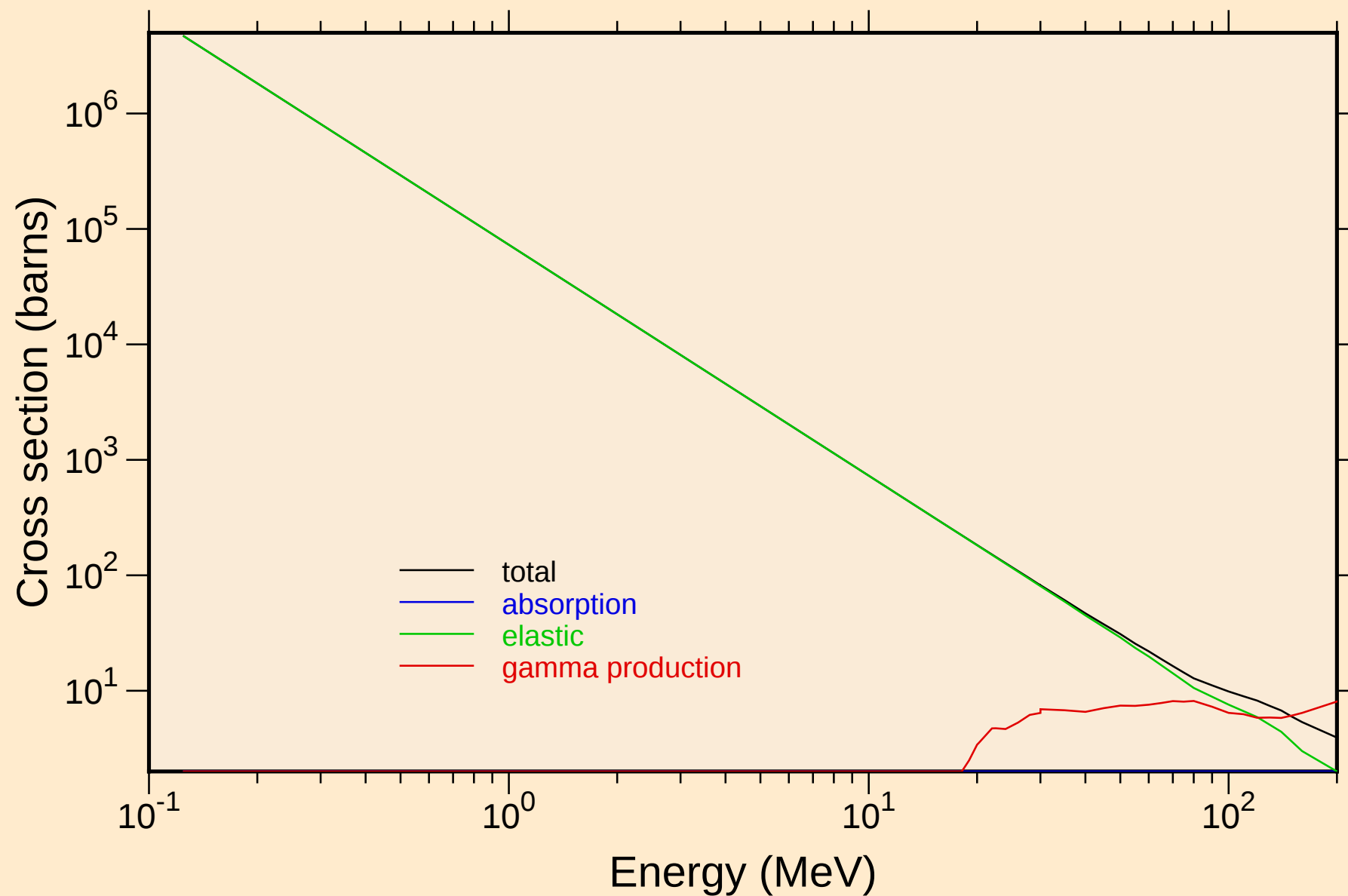


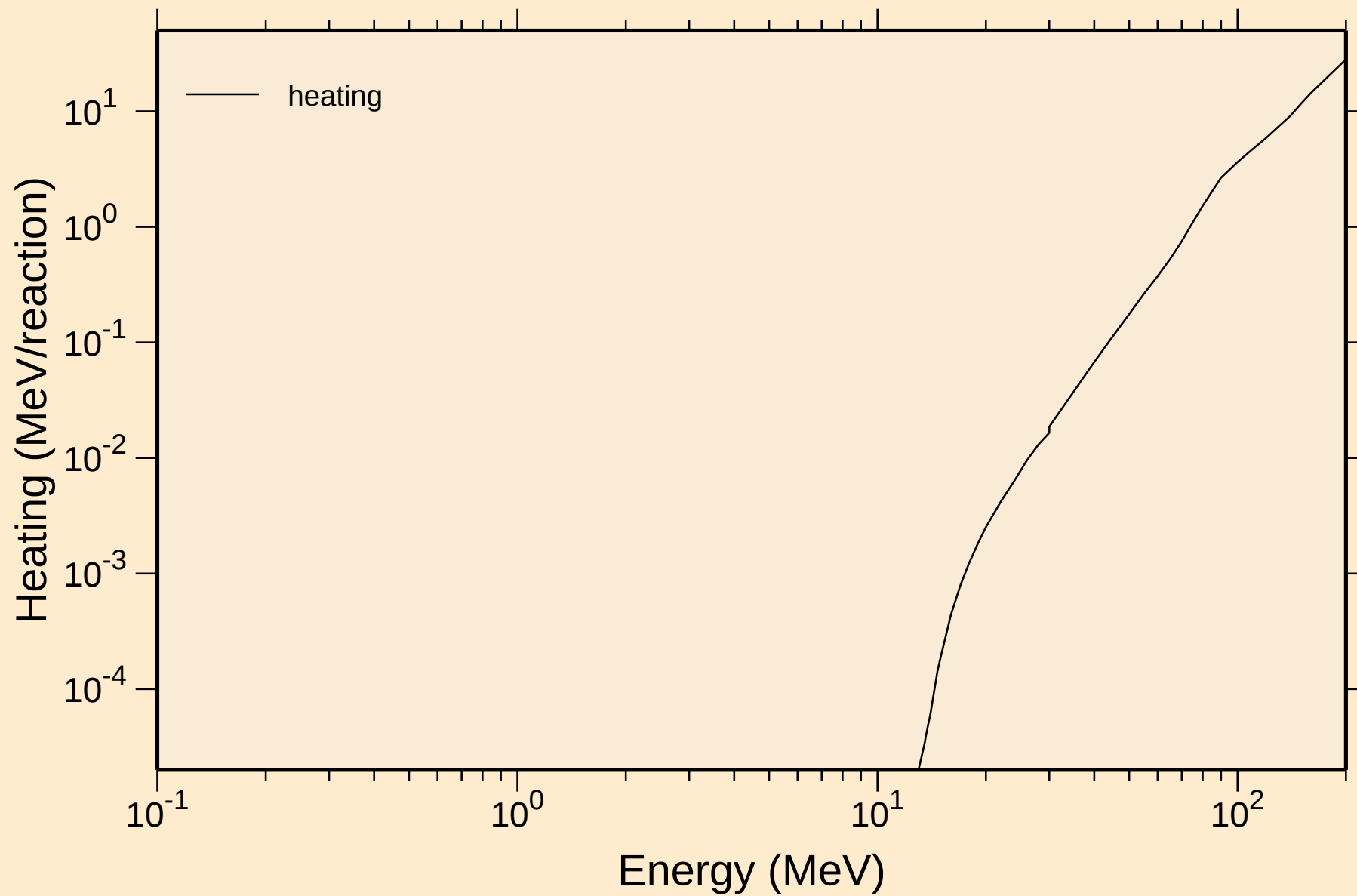
I139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Principal cross sections



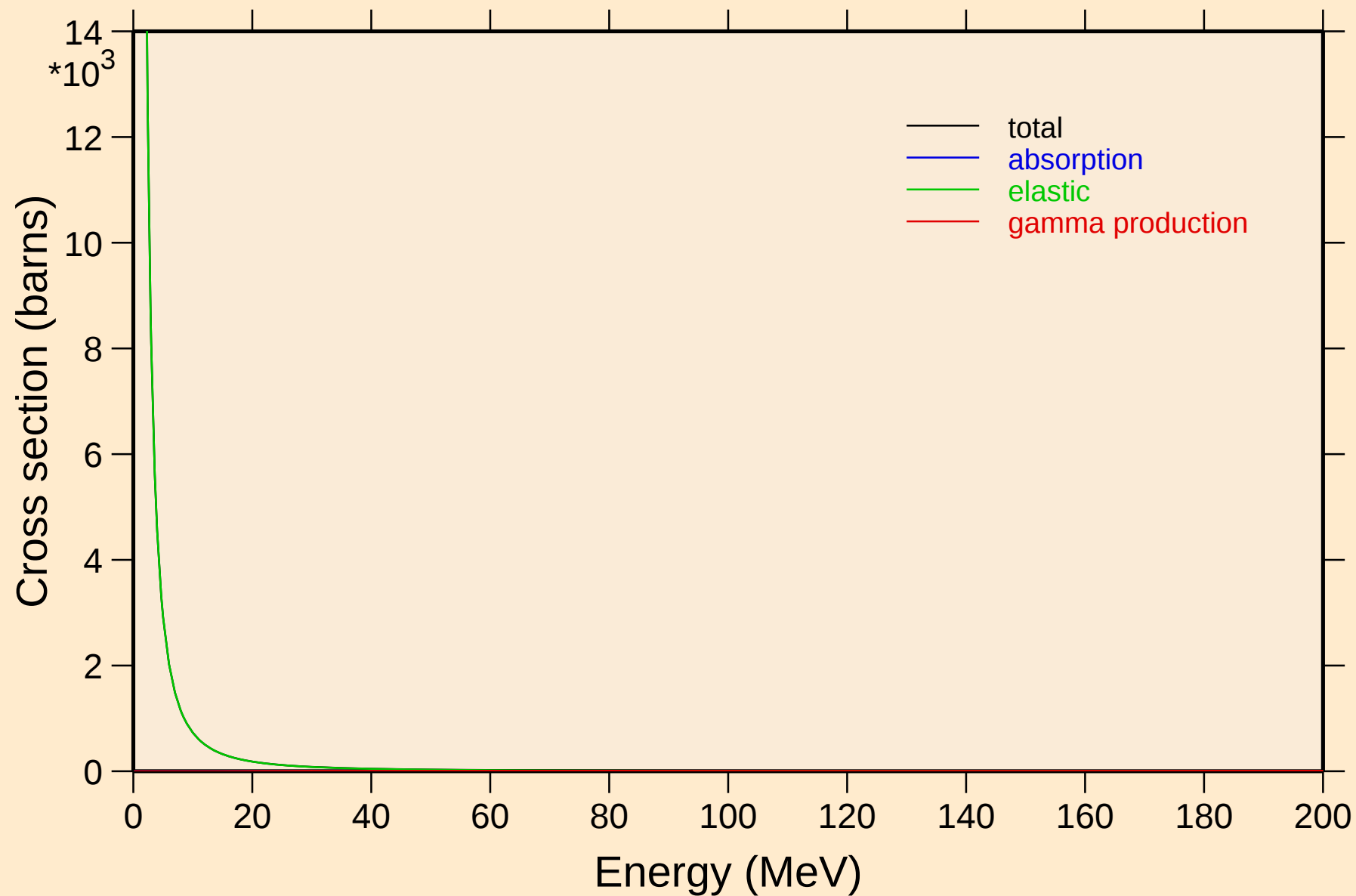
I139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Heating



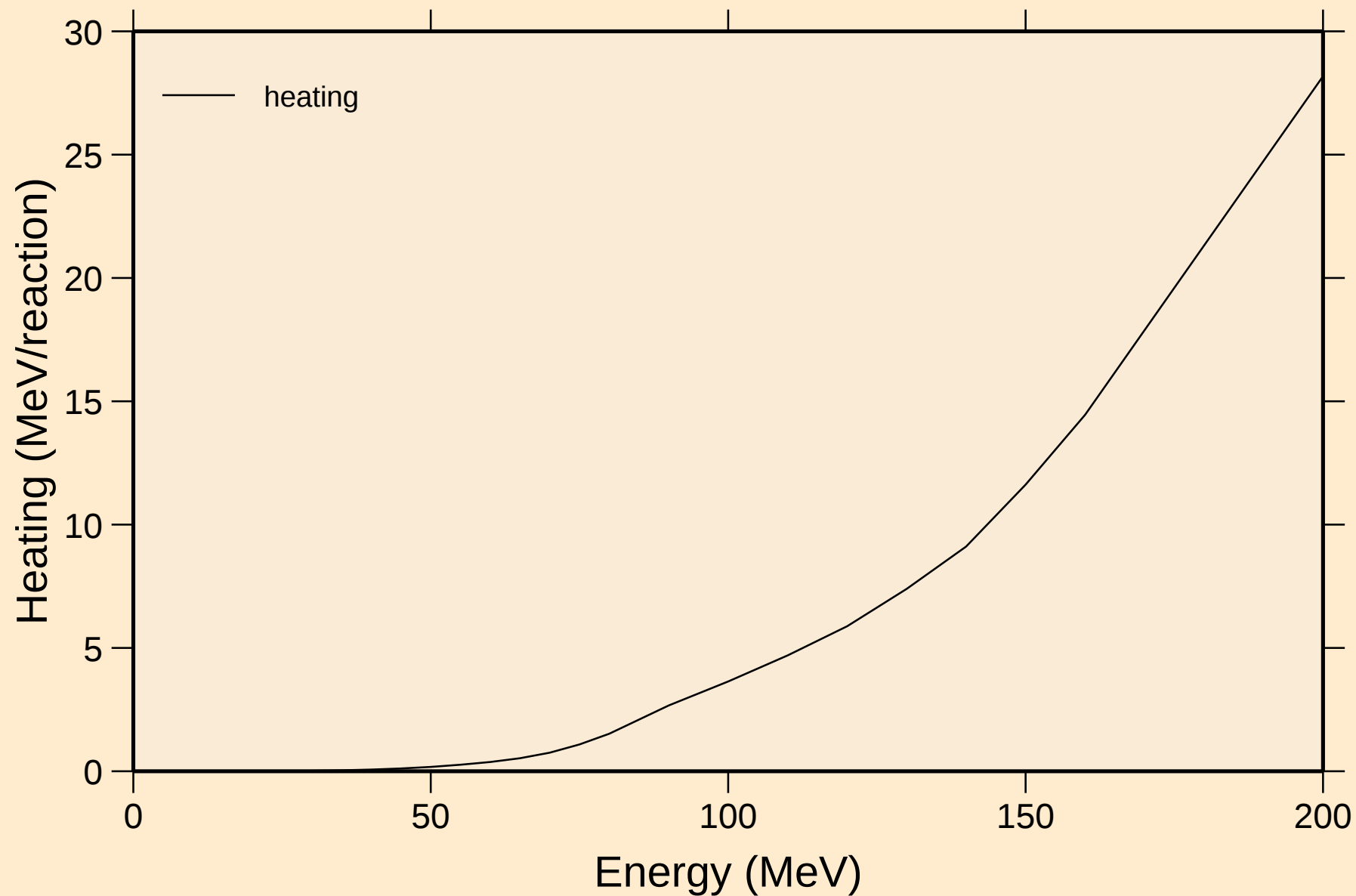
I139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Principal cross sections



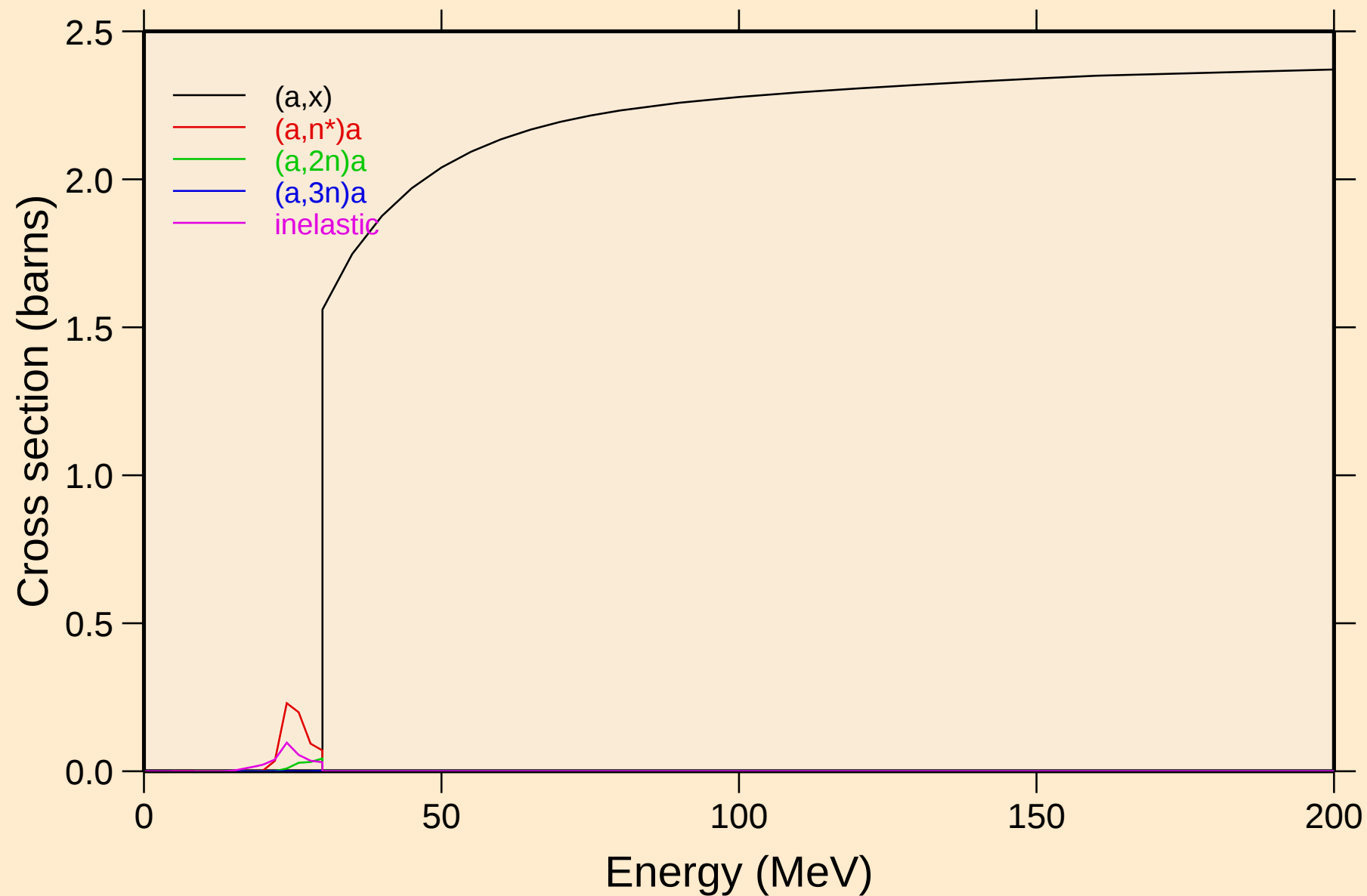
I139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Heating



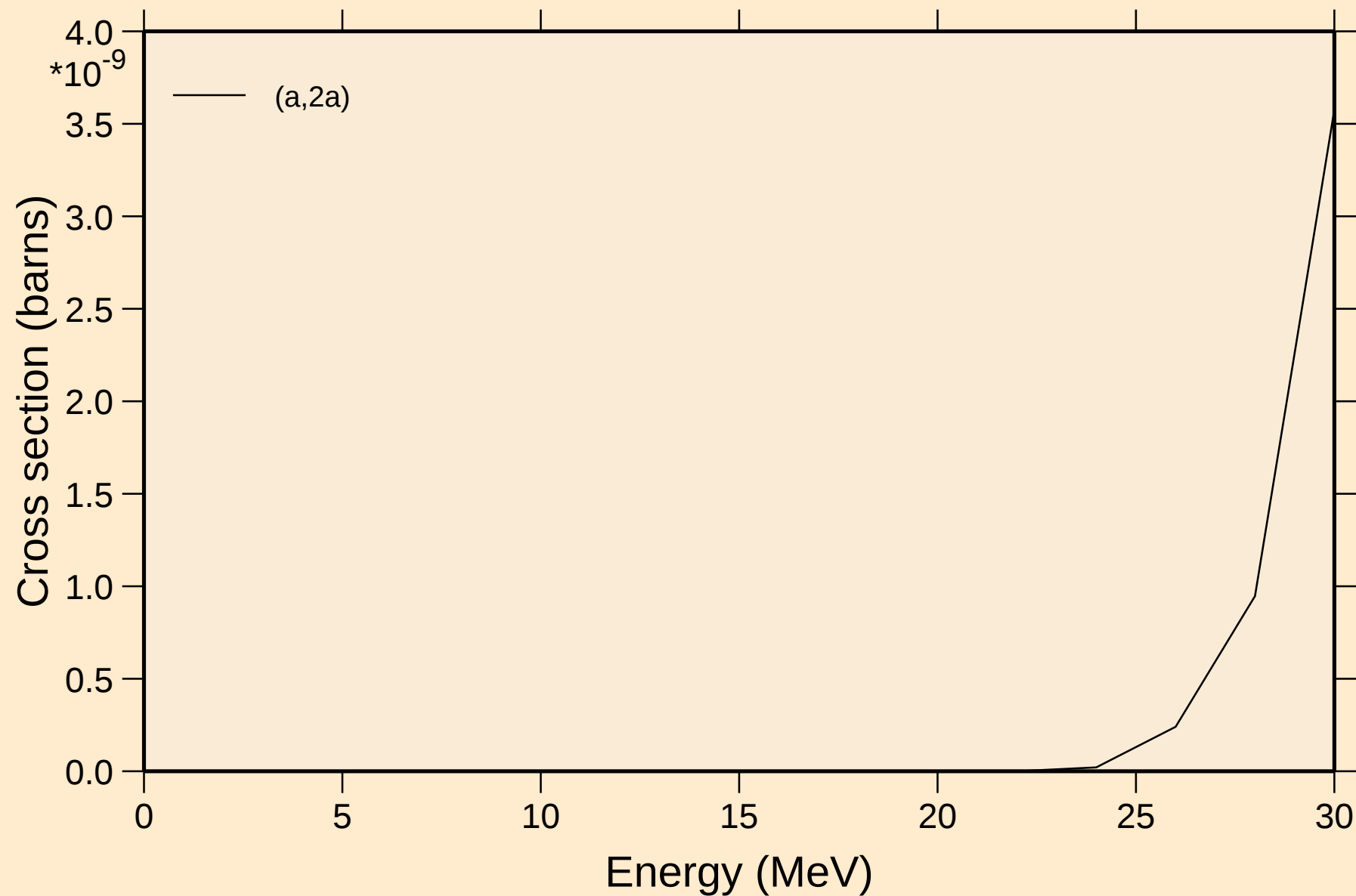
I139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Threshold reactions

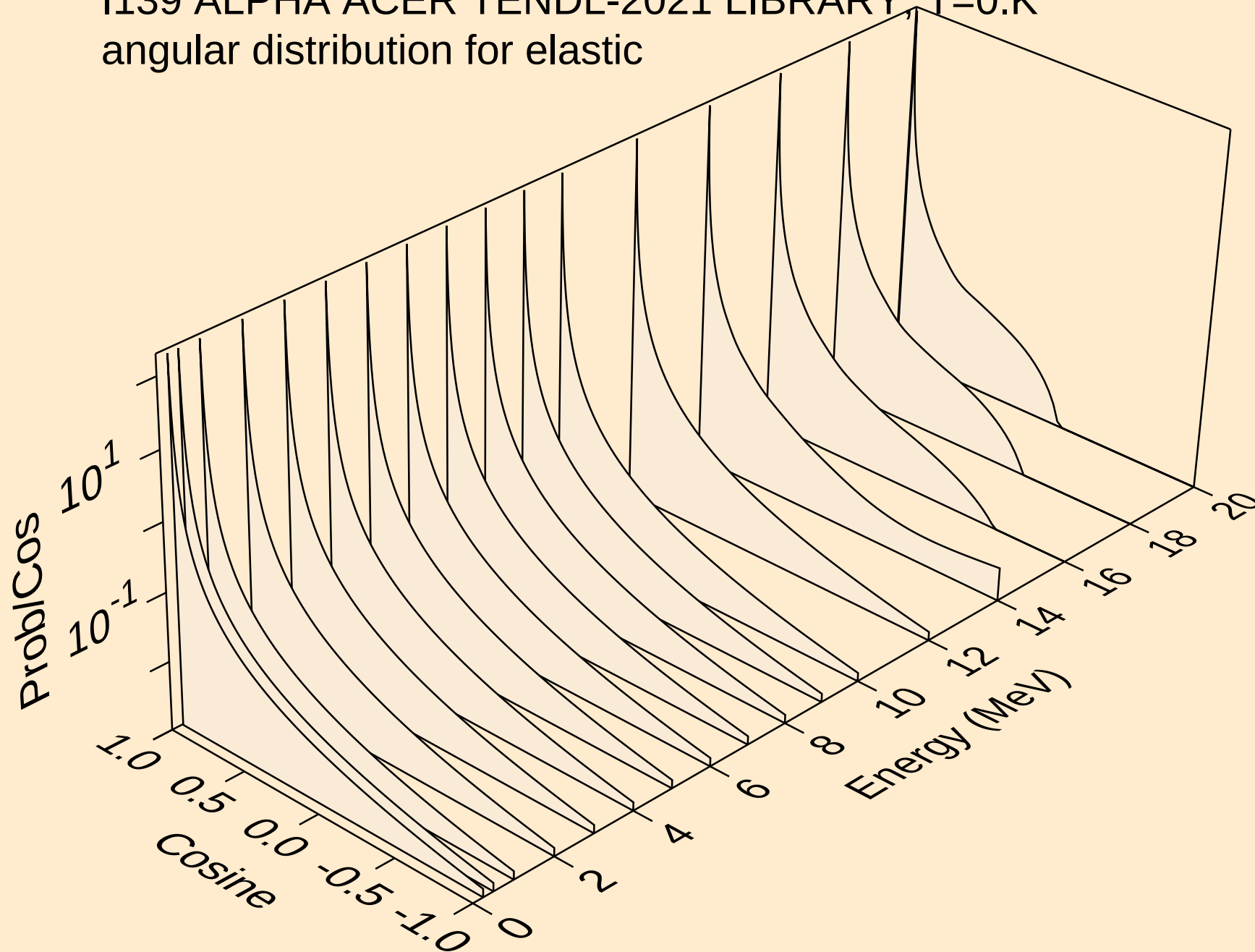


I139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

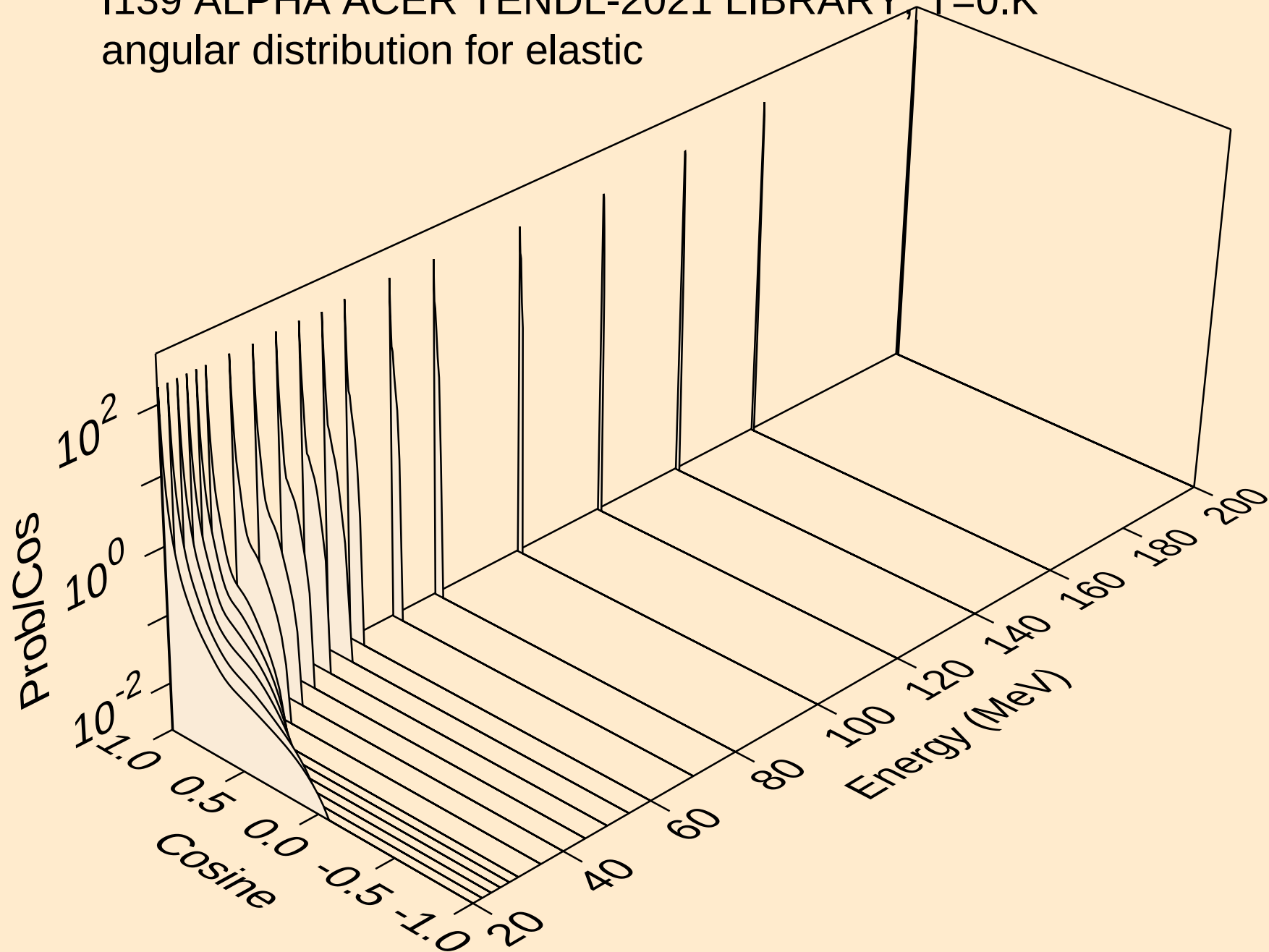
Threshold reactions



I139 ALPHA ACER TENDL-2021 LIBRARY: T=0.K
angular distribution for elastic

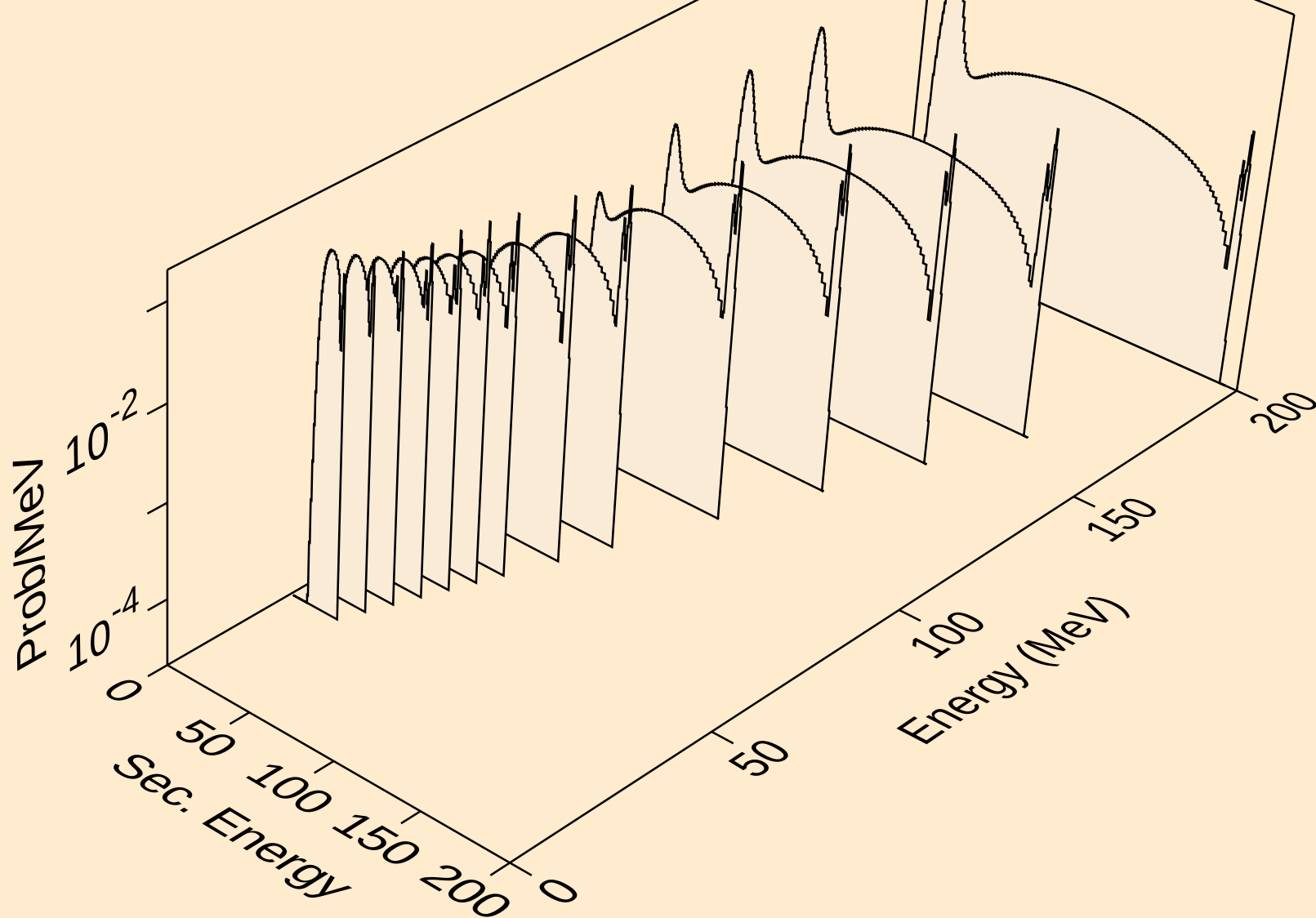


I139 ALPHA ACER TENDL-2021 LIBRARY: T=0.K
angular distribution for elastic

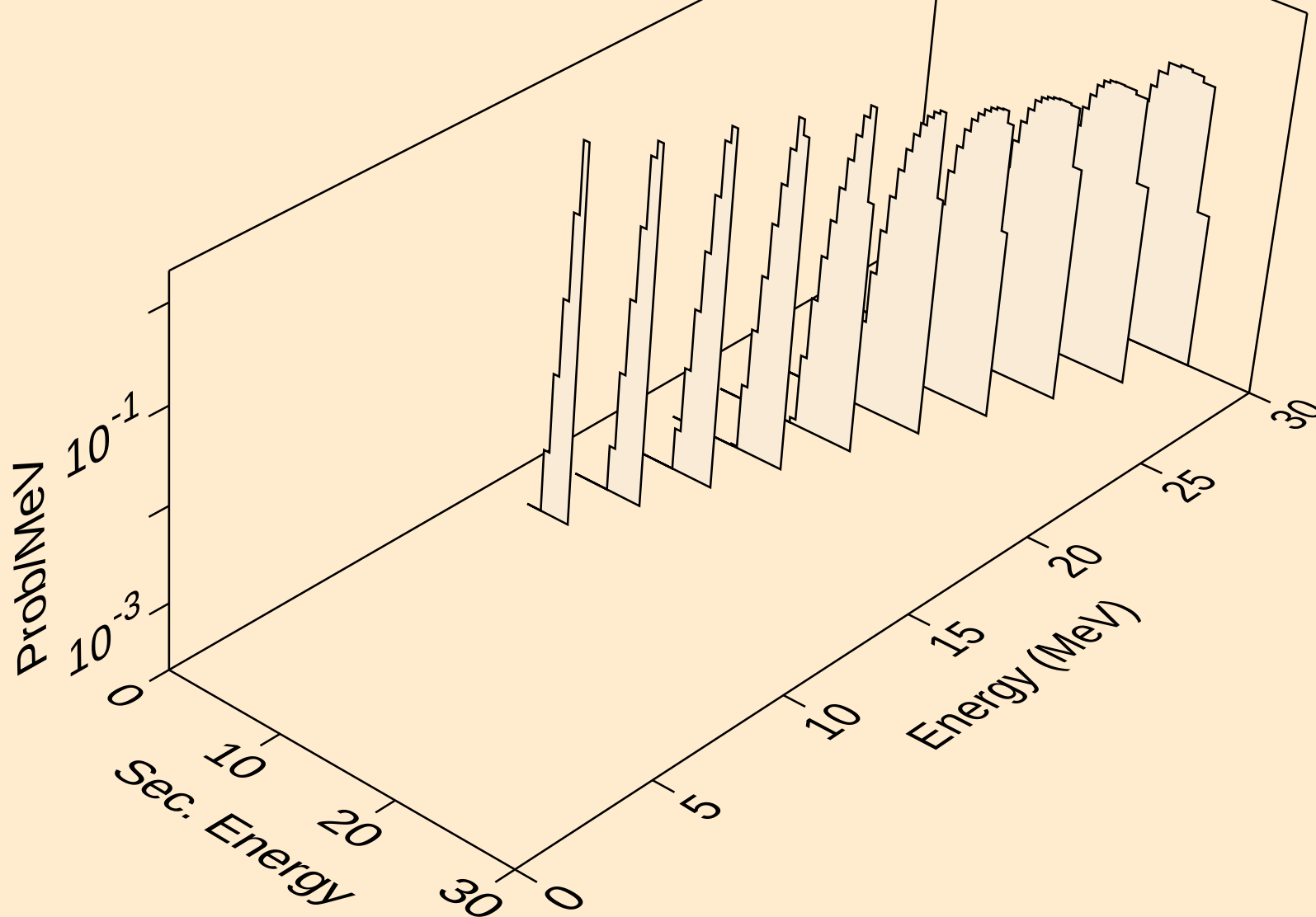


I139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Alpha emission for (a,x)

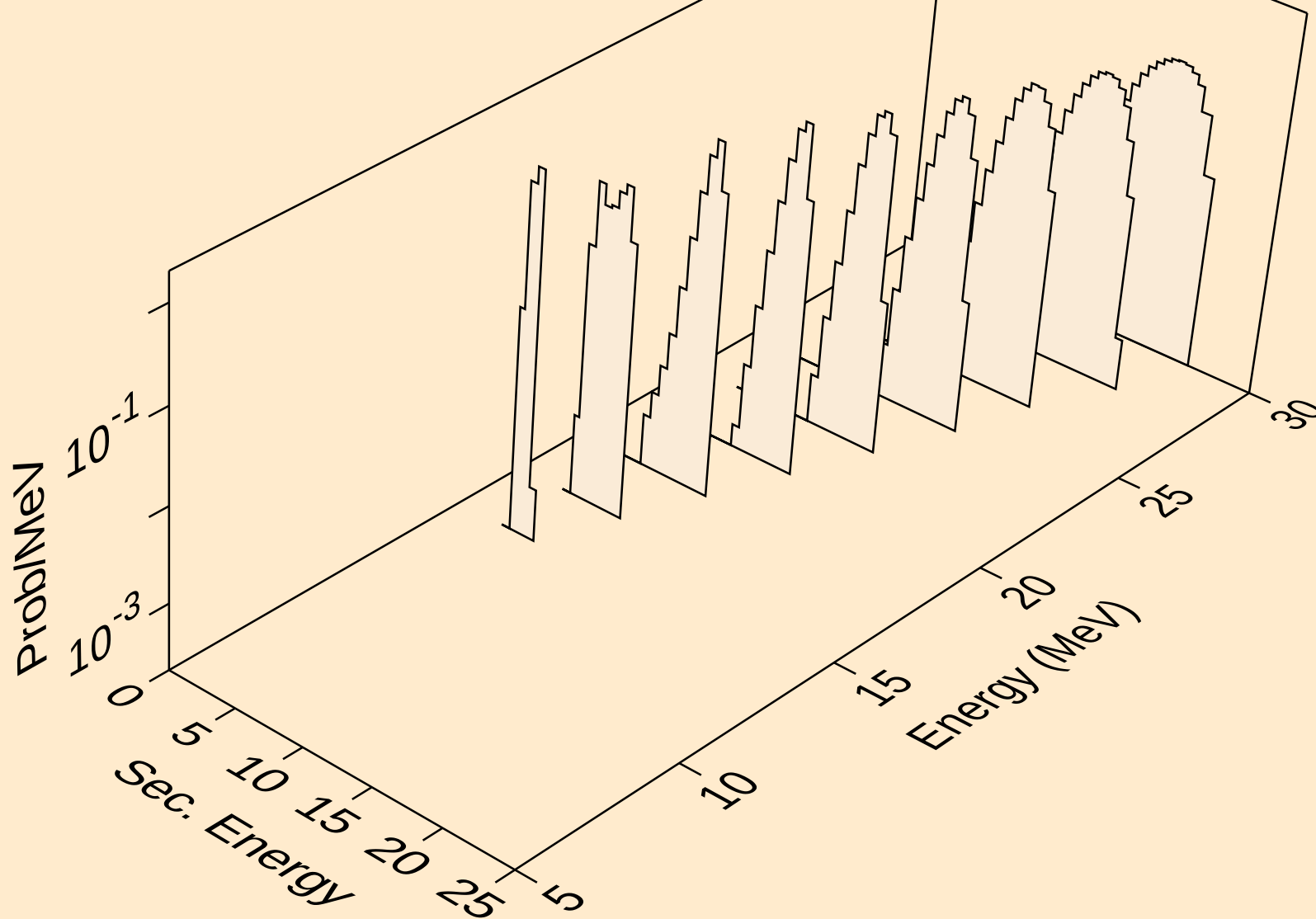


I139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Alpha emission for (a,n*)a



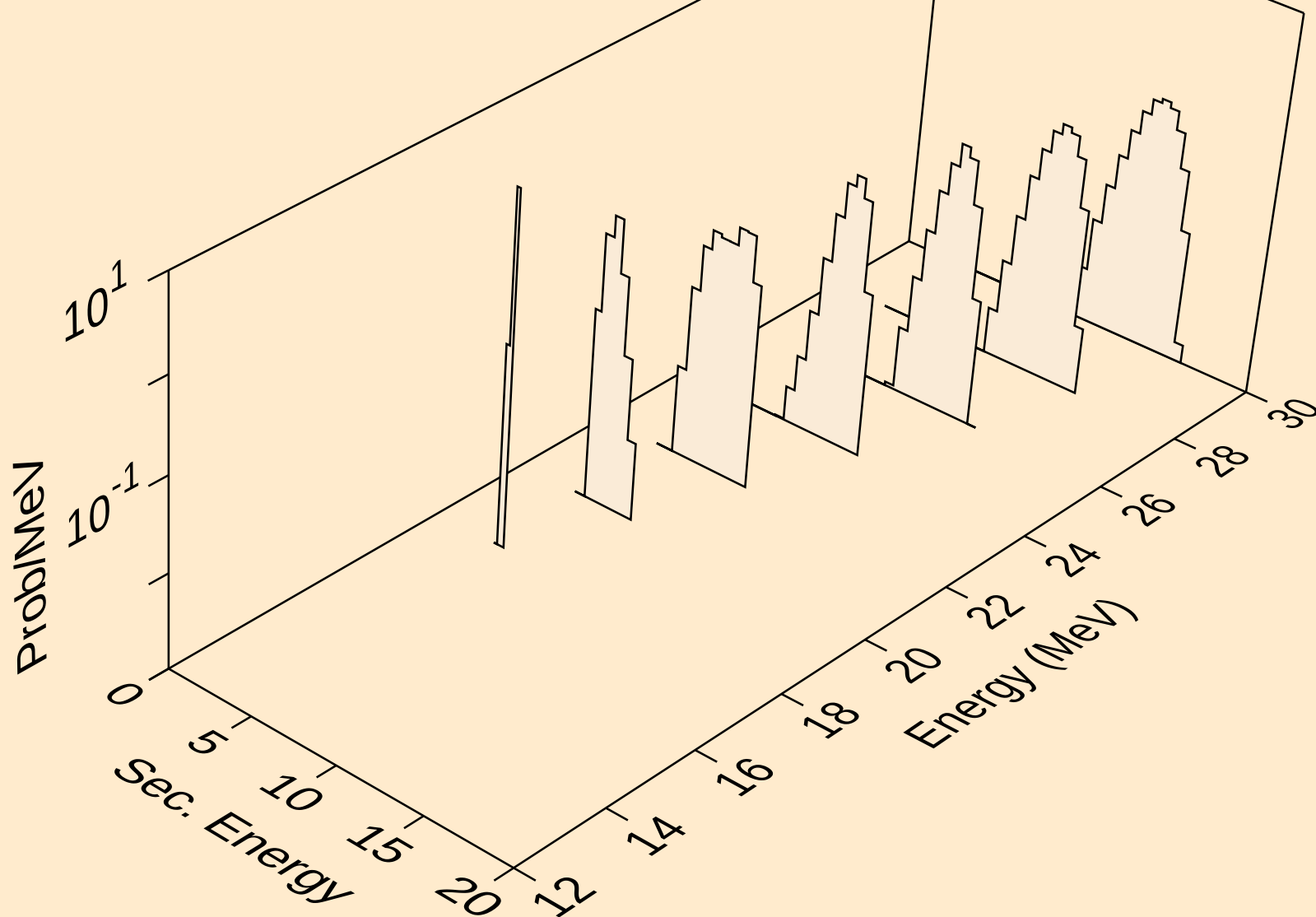
I139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Alpha emission for (a,2n)a

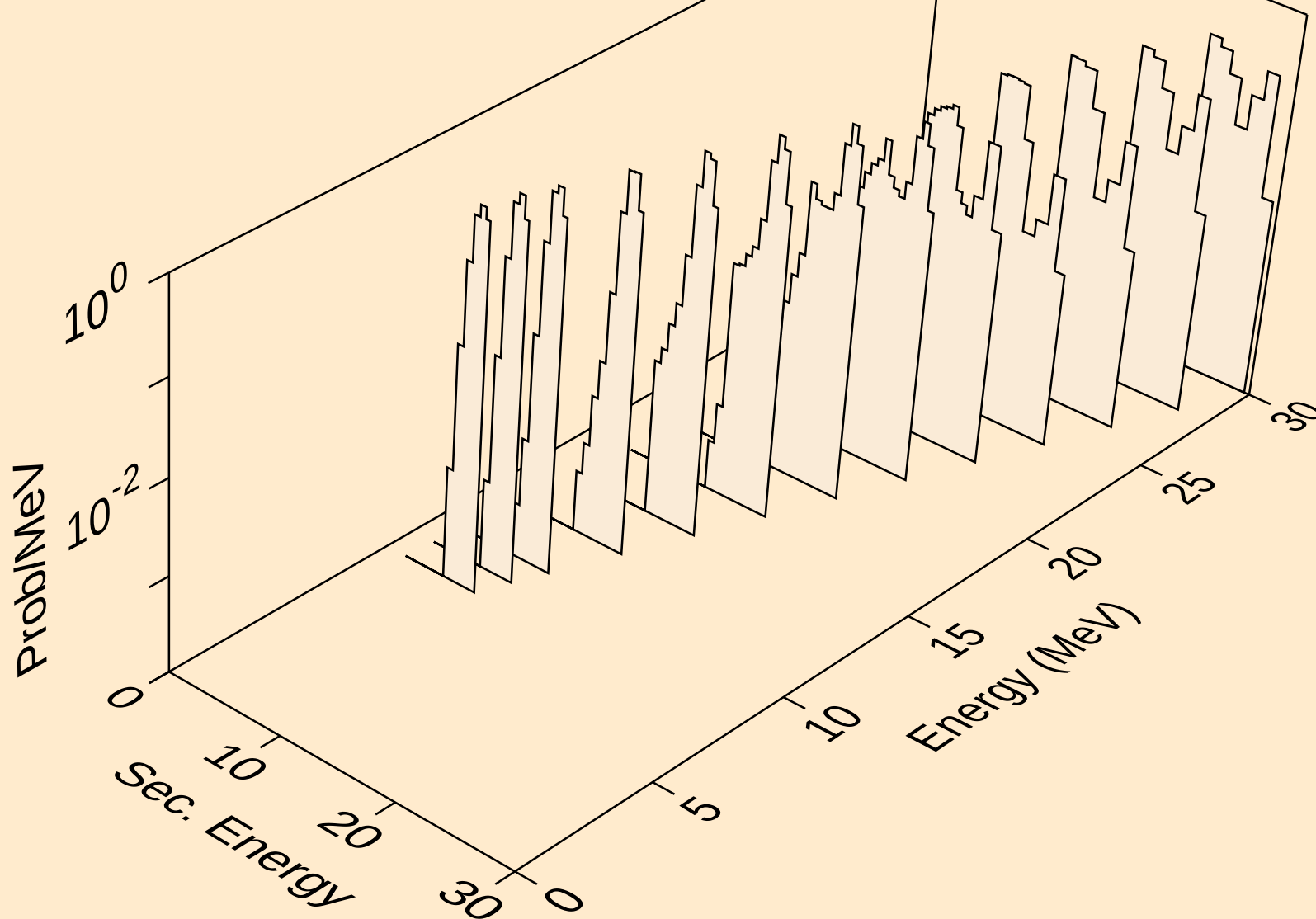


I139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

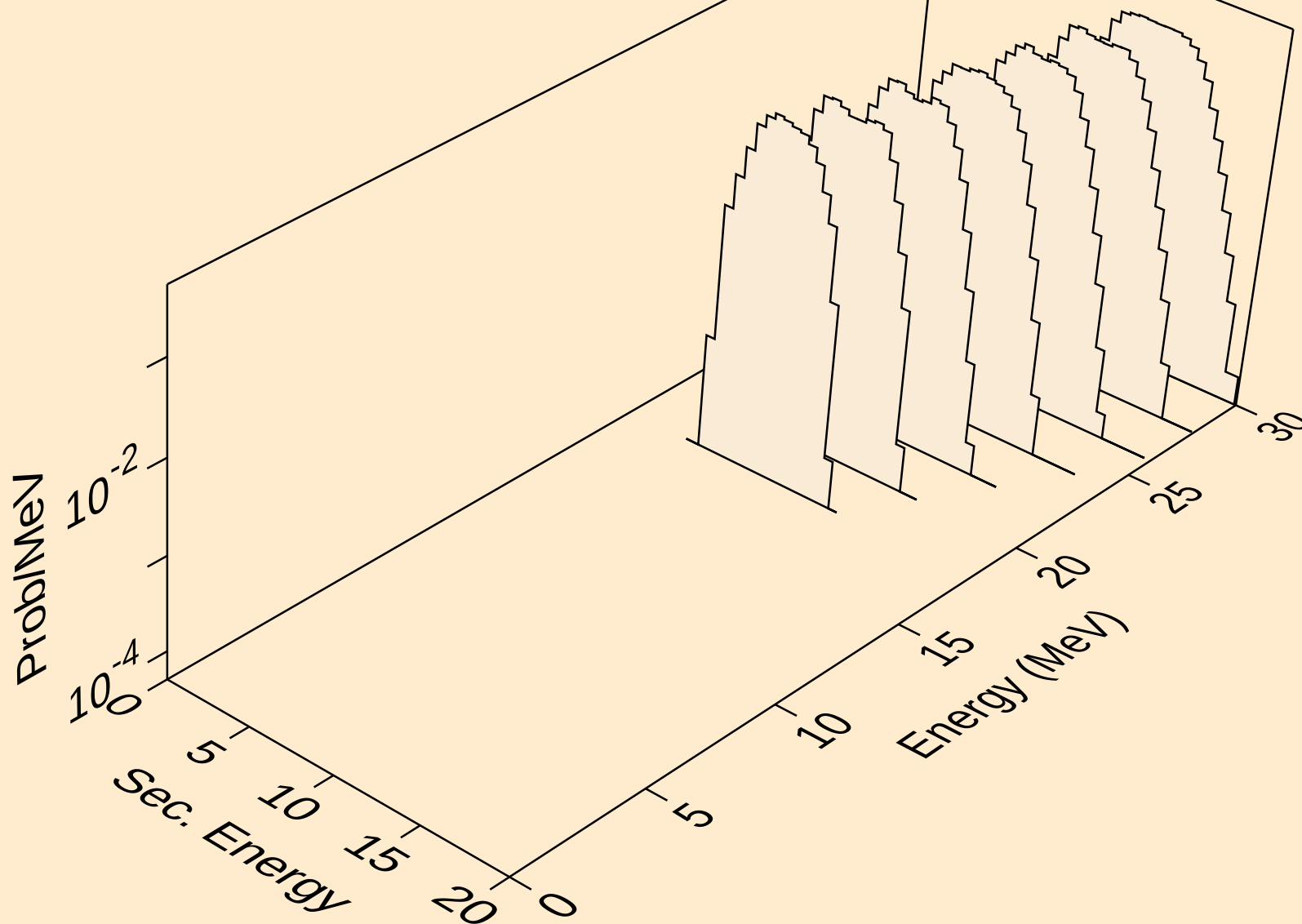
Alpha emission for (a,3n)a



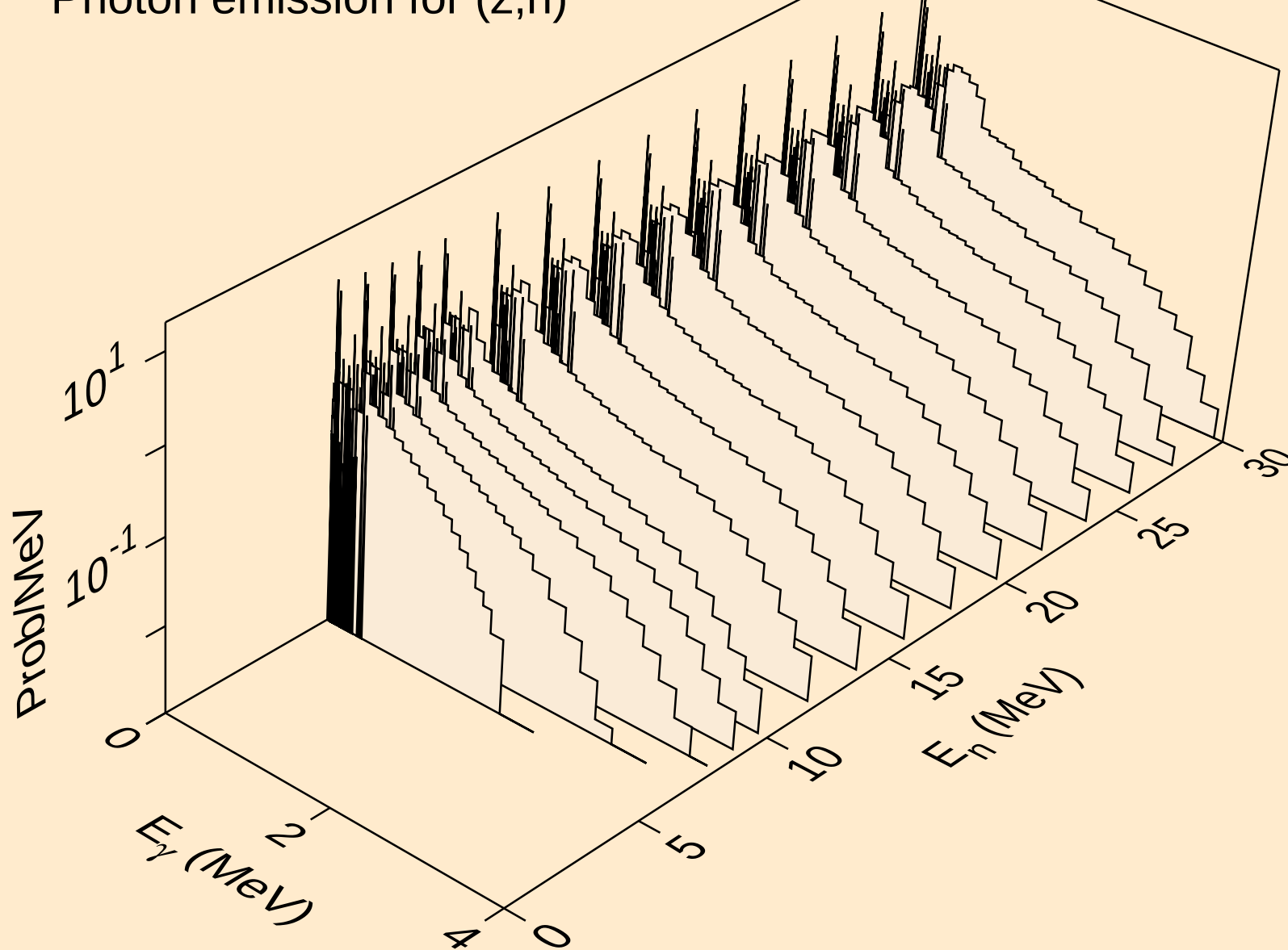
I139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Alpha emission for inelastic



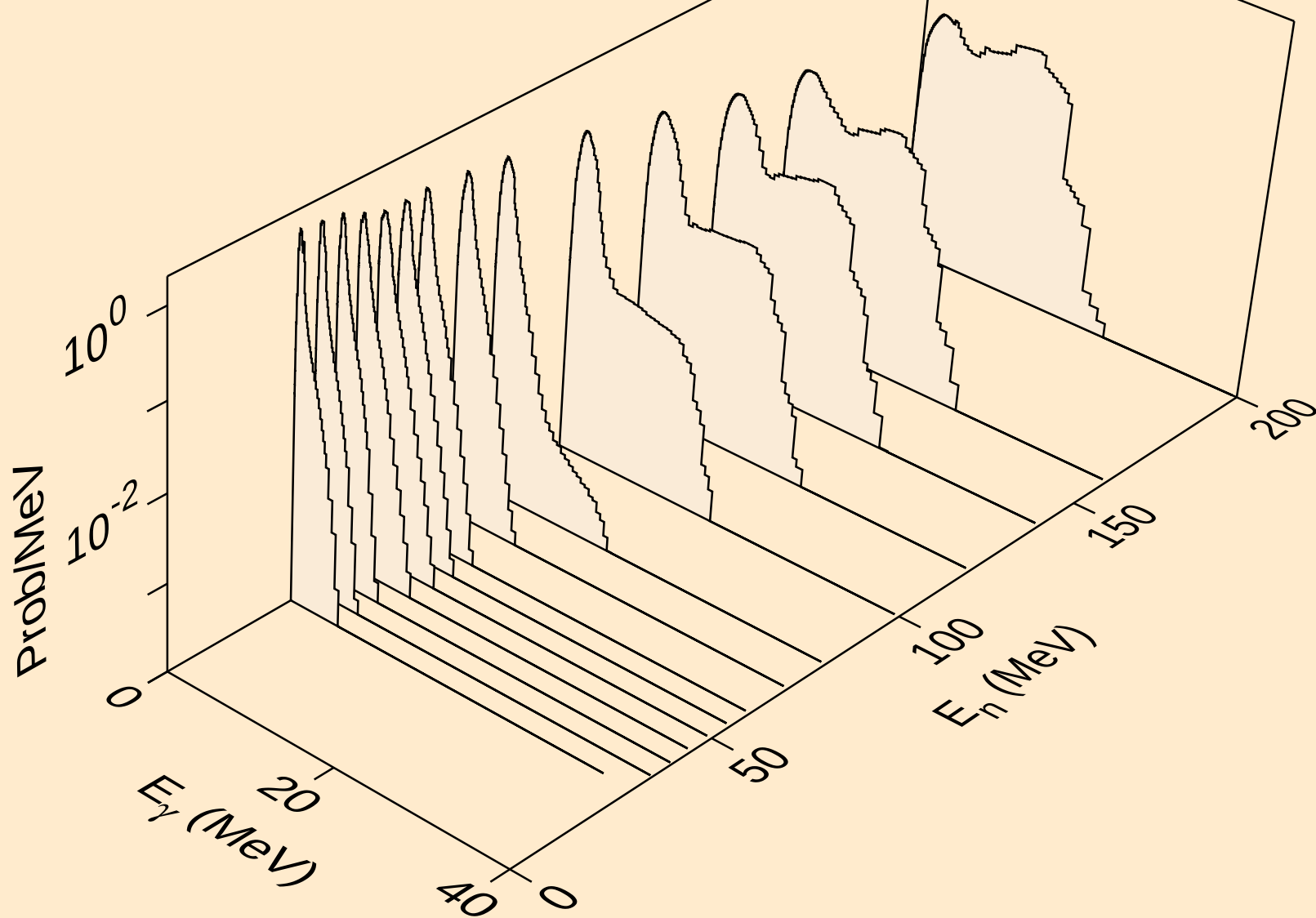
I139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Alpha emission for (a,2a)



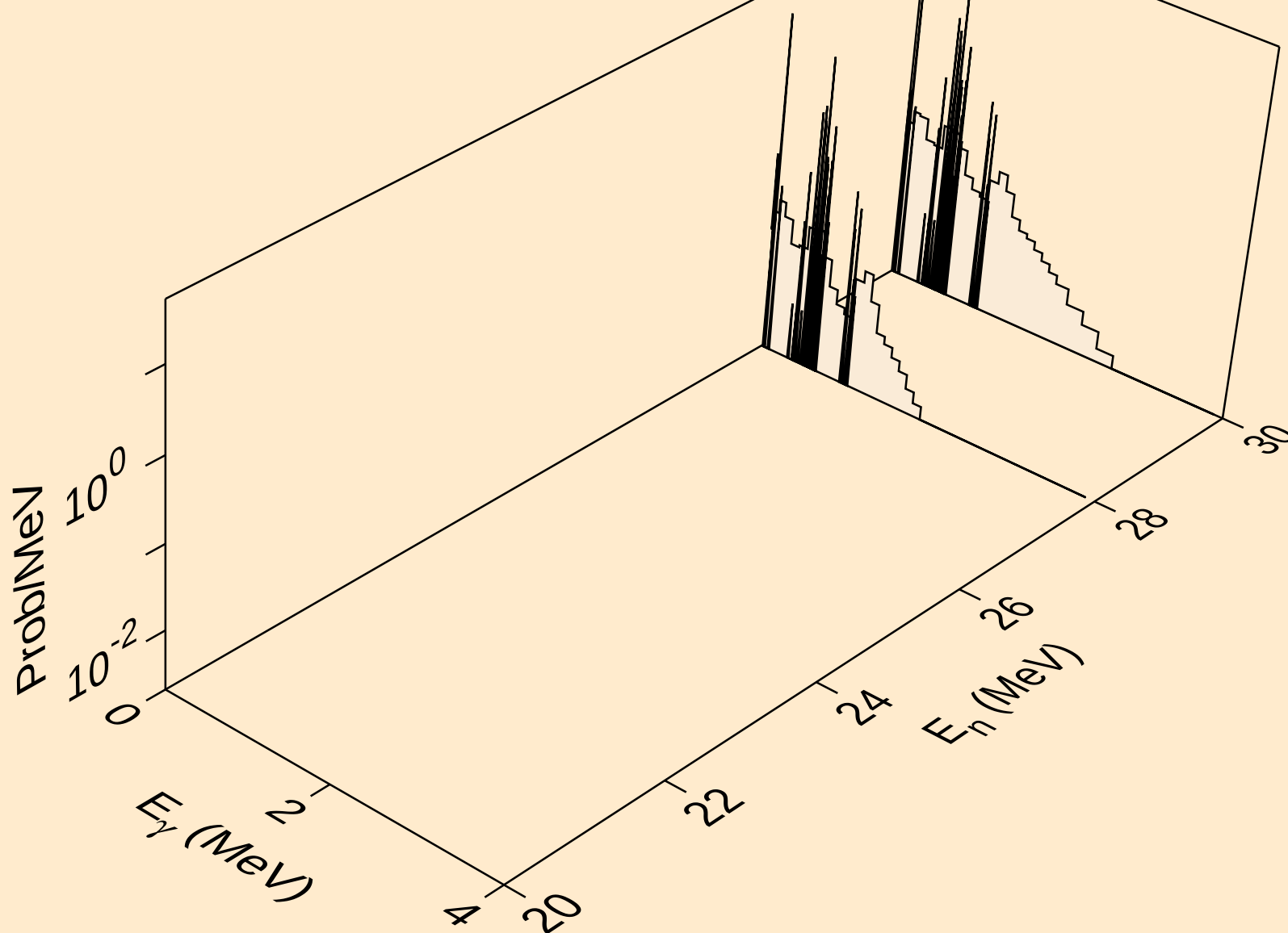
I139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (z,n)



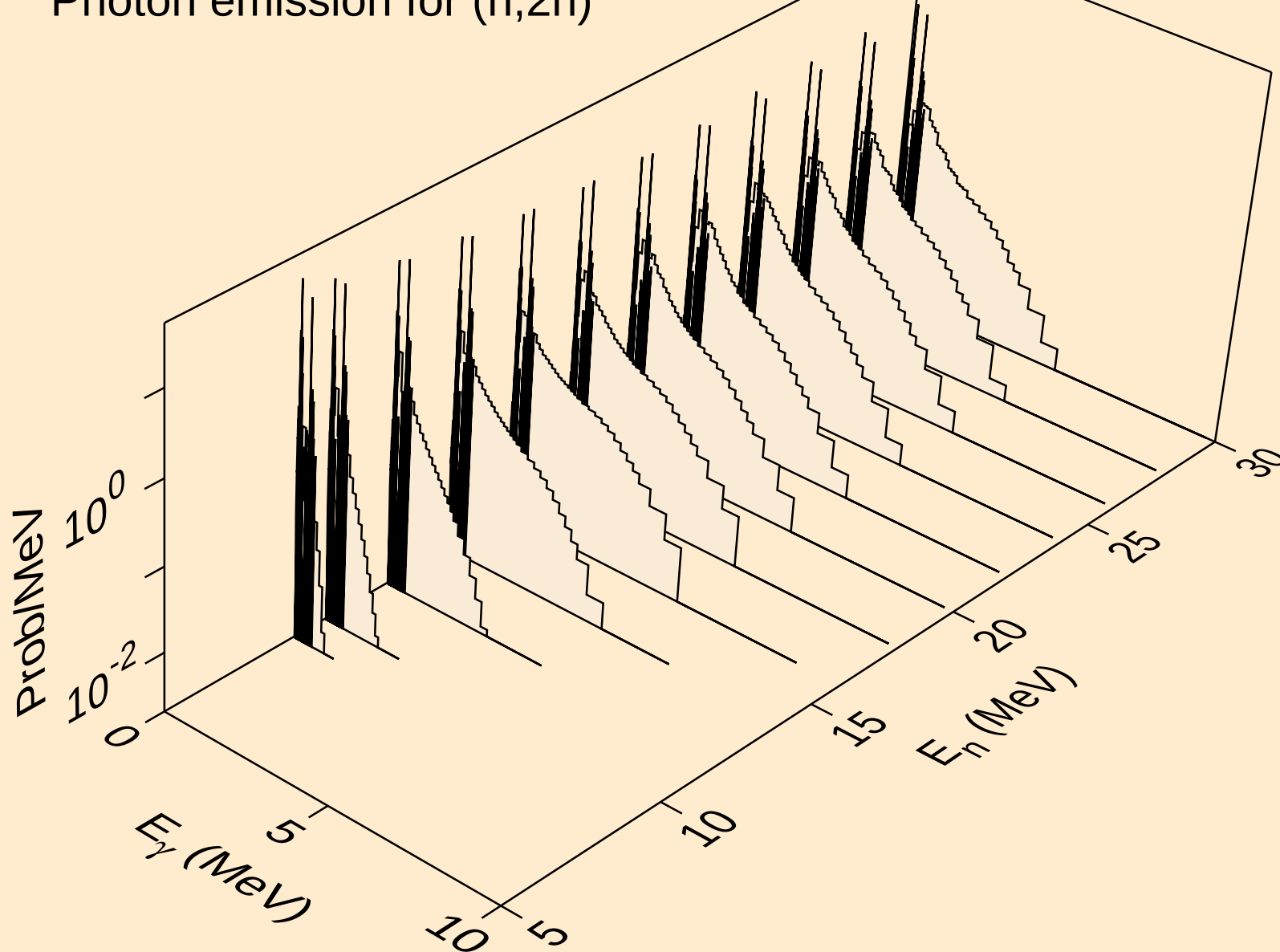
I139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,x)



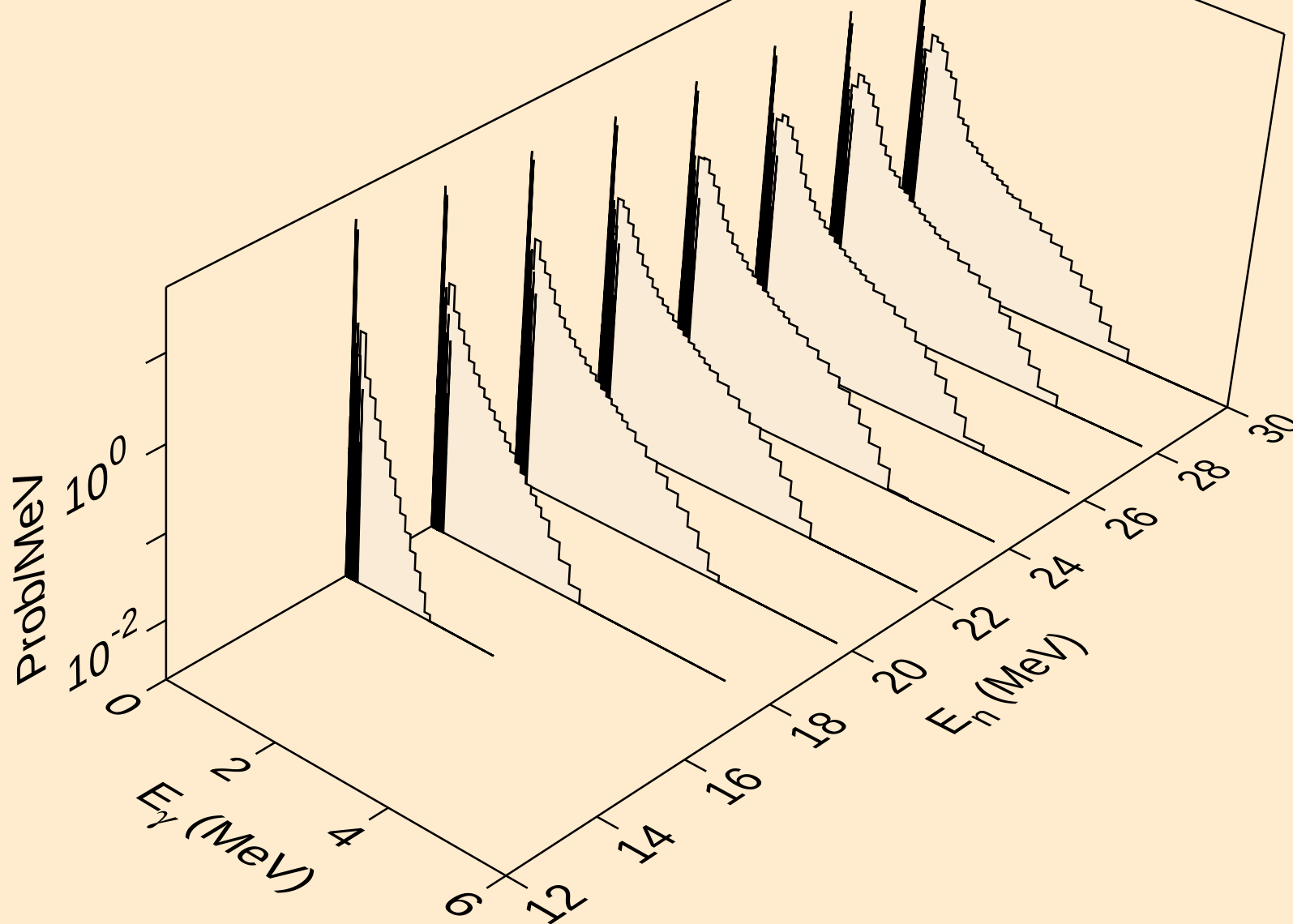
I139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2nd)



I139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2n)

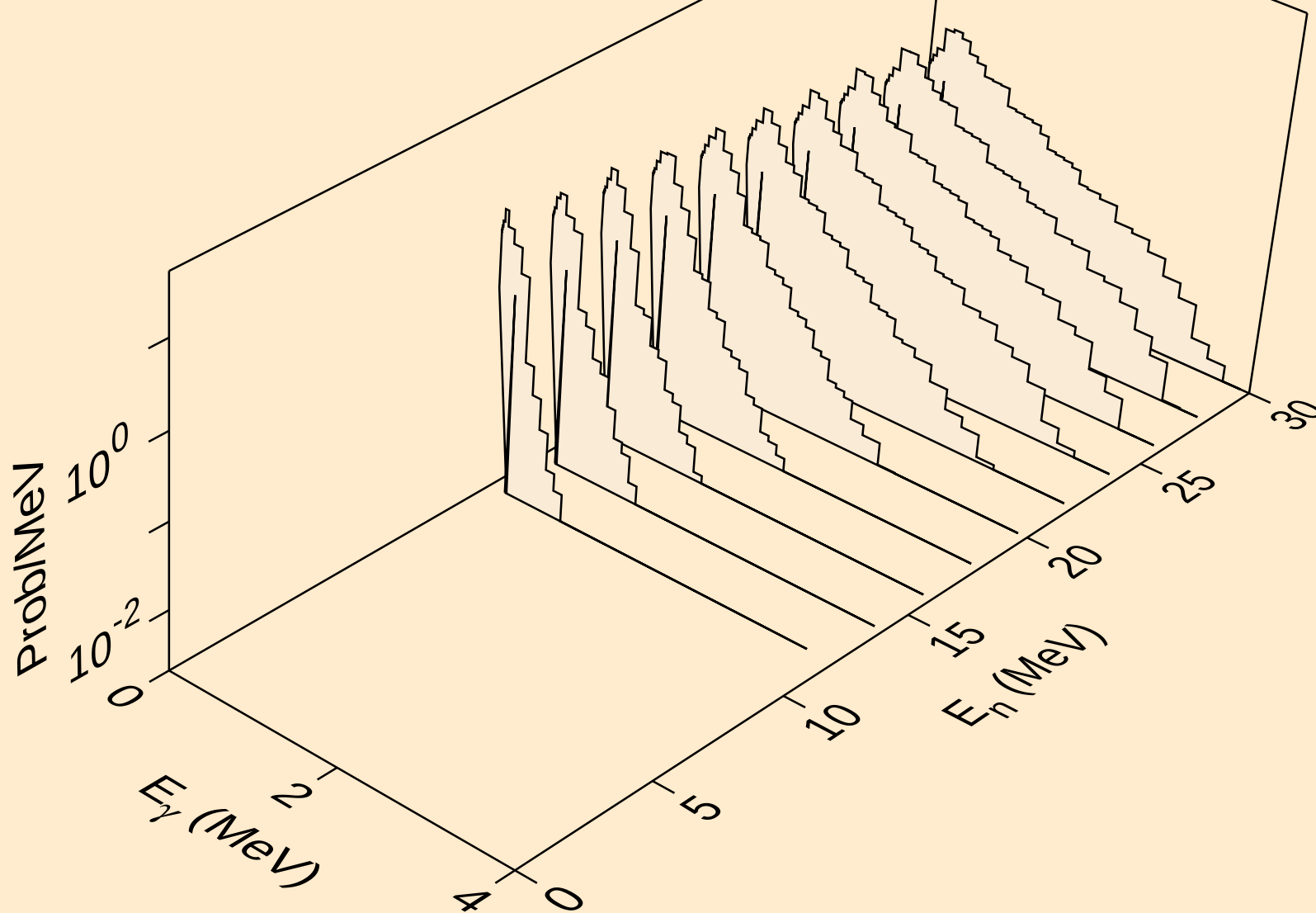


I139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,3n)

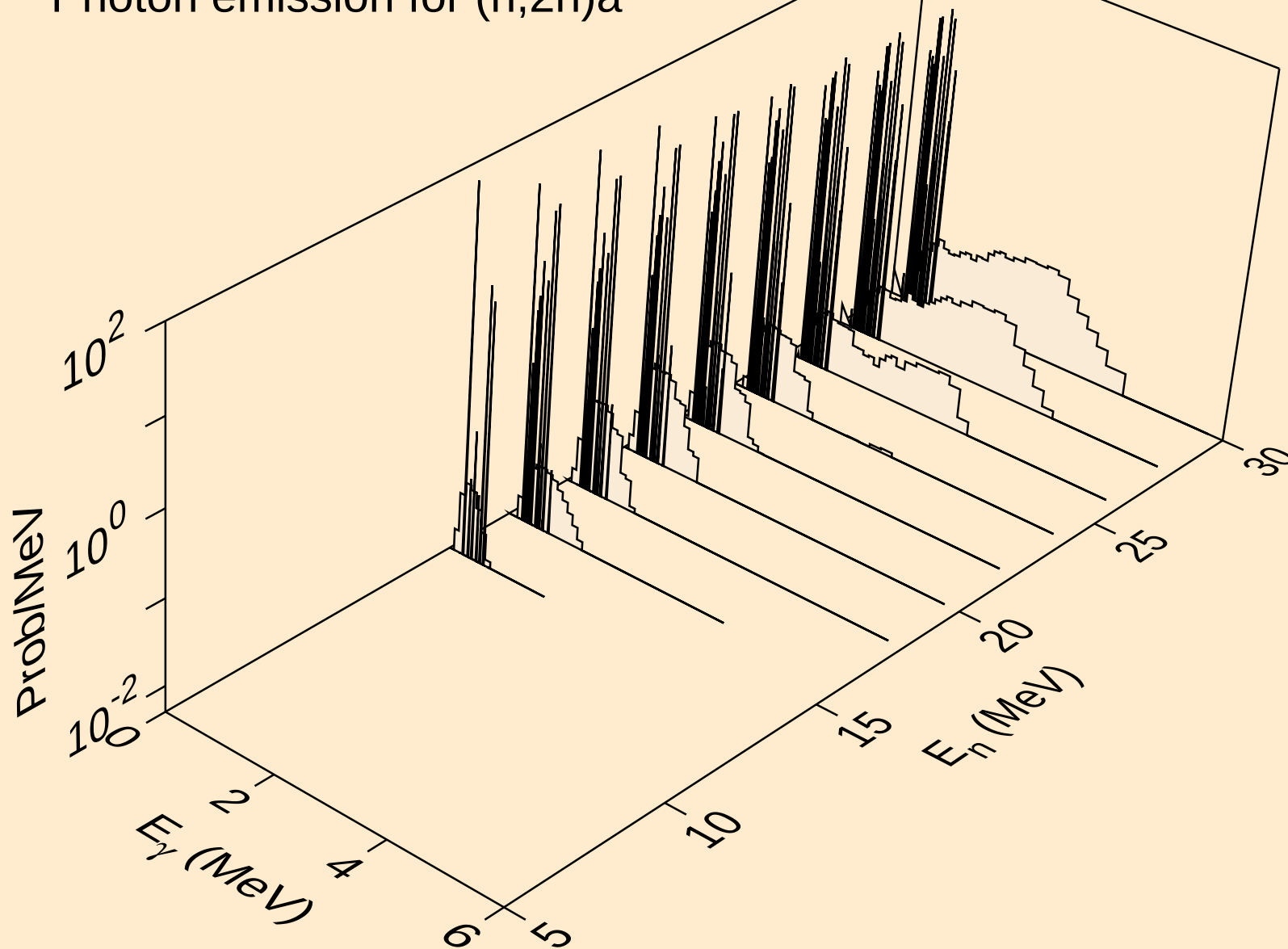


I139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

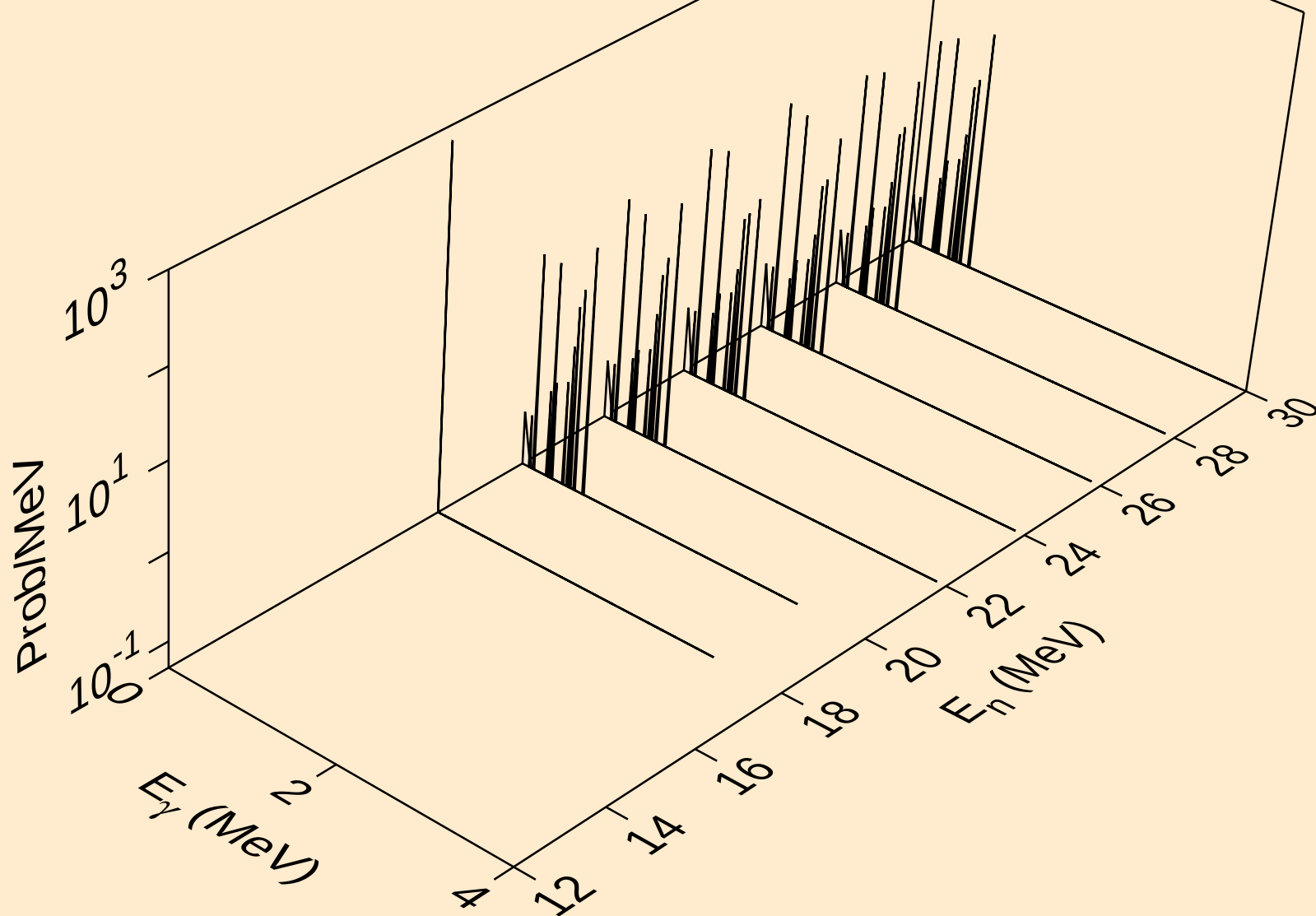
Photon emission for (n,n*)a



I139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2n) α

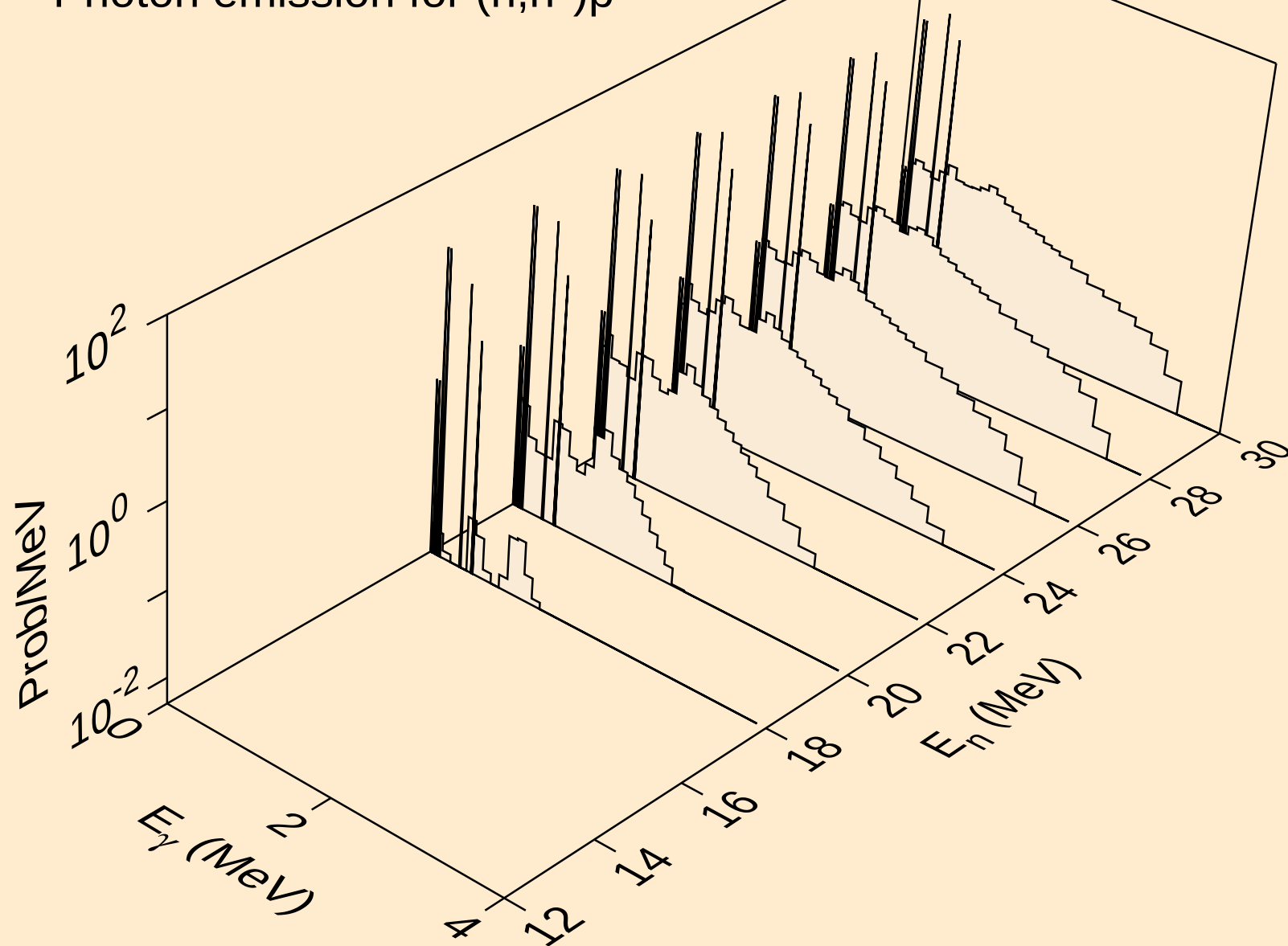


I139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,3n) α

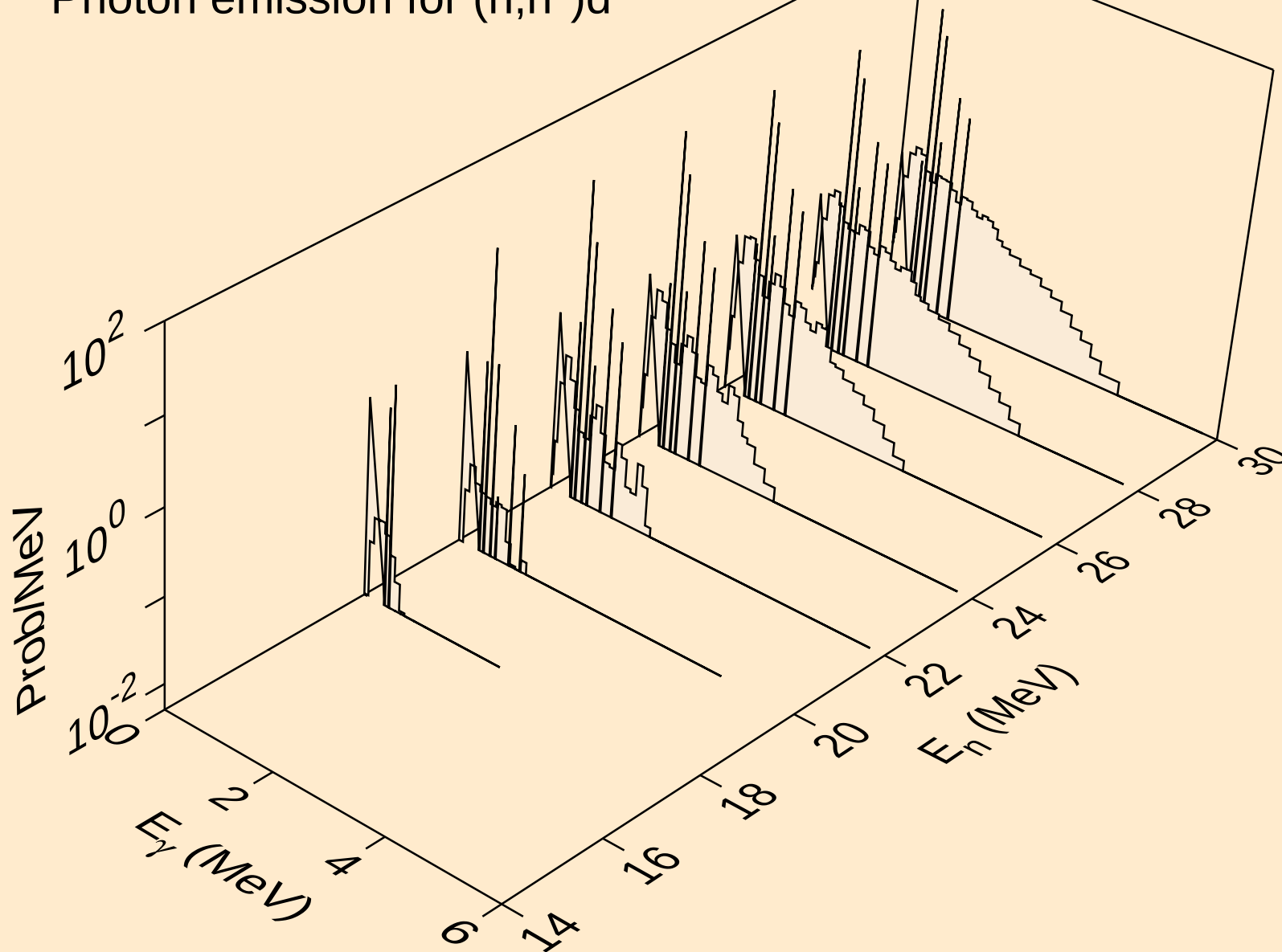


I139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,n*)p

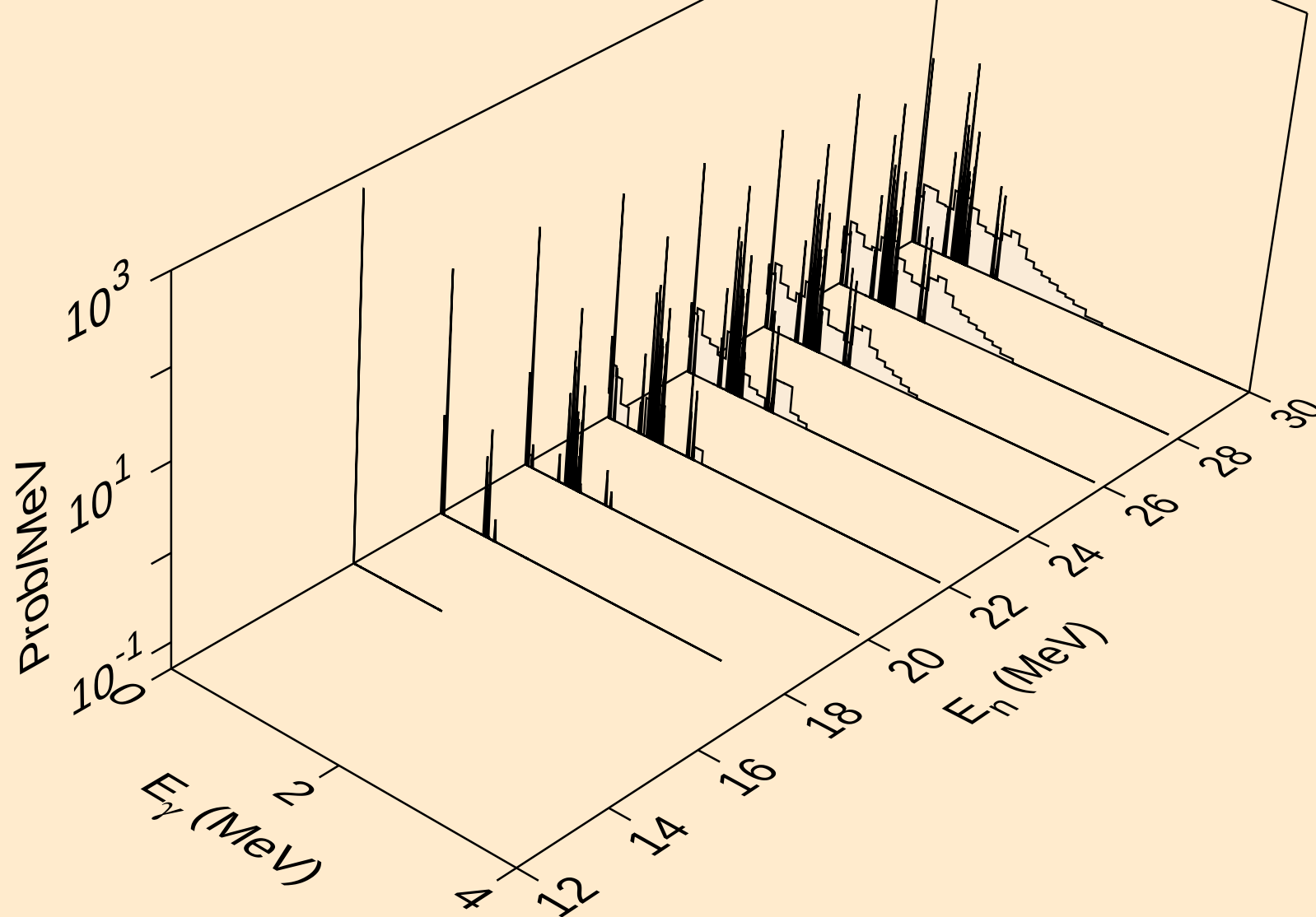


I139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,n*)d

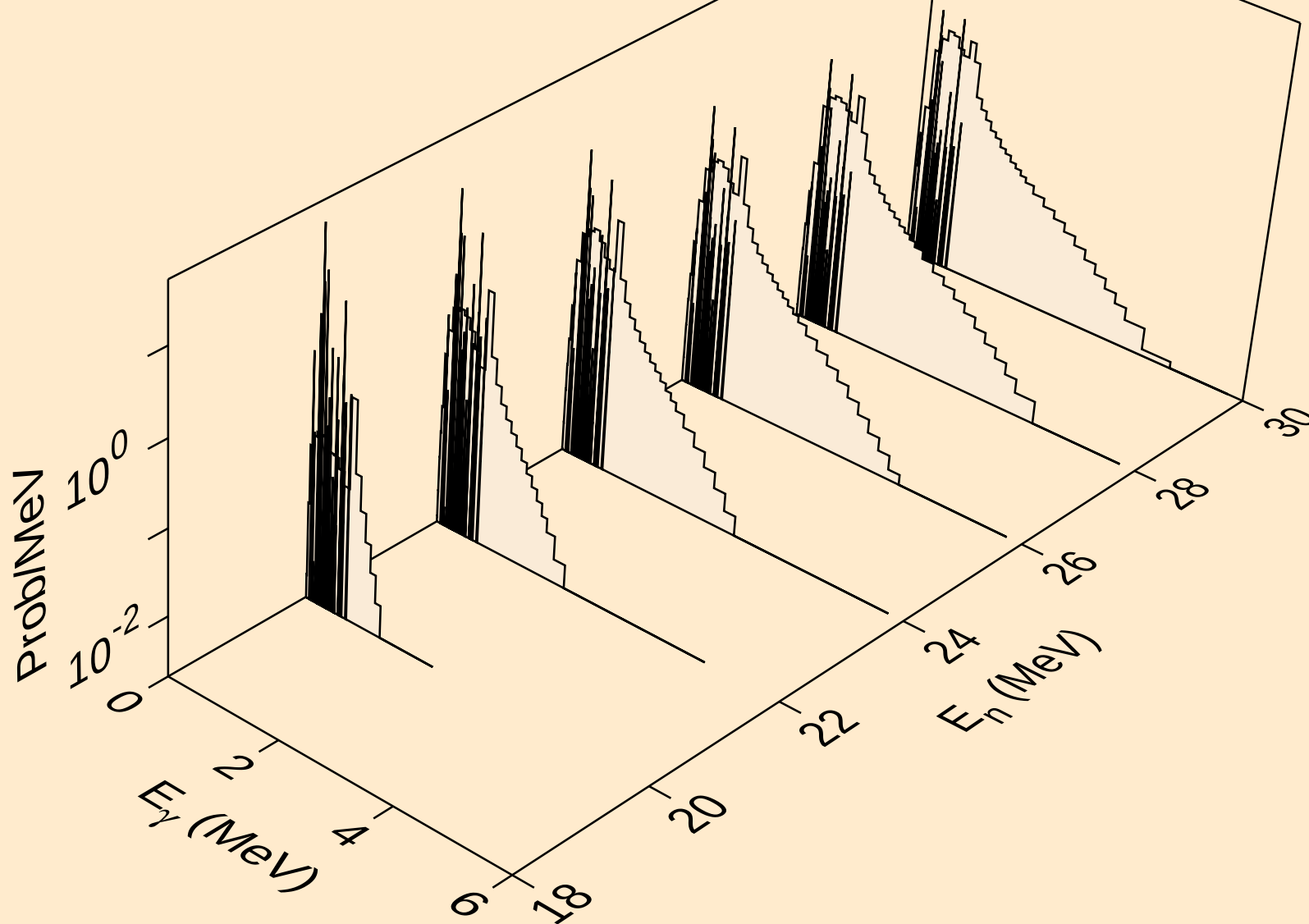


I139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

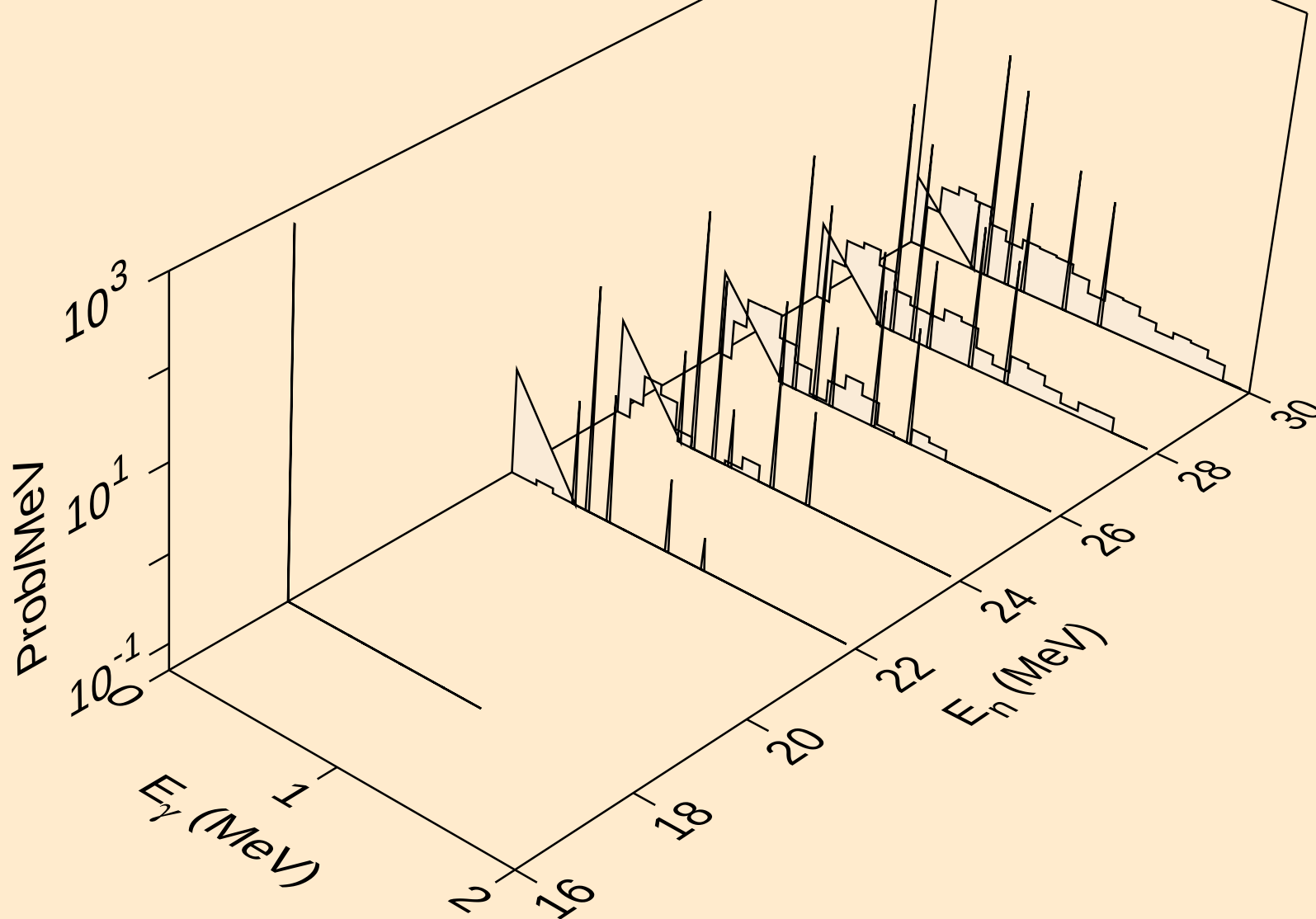
Photon emission for (n,n*)t



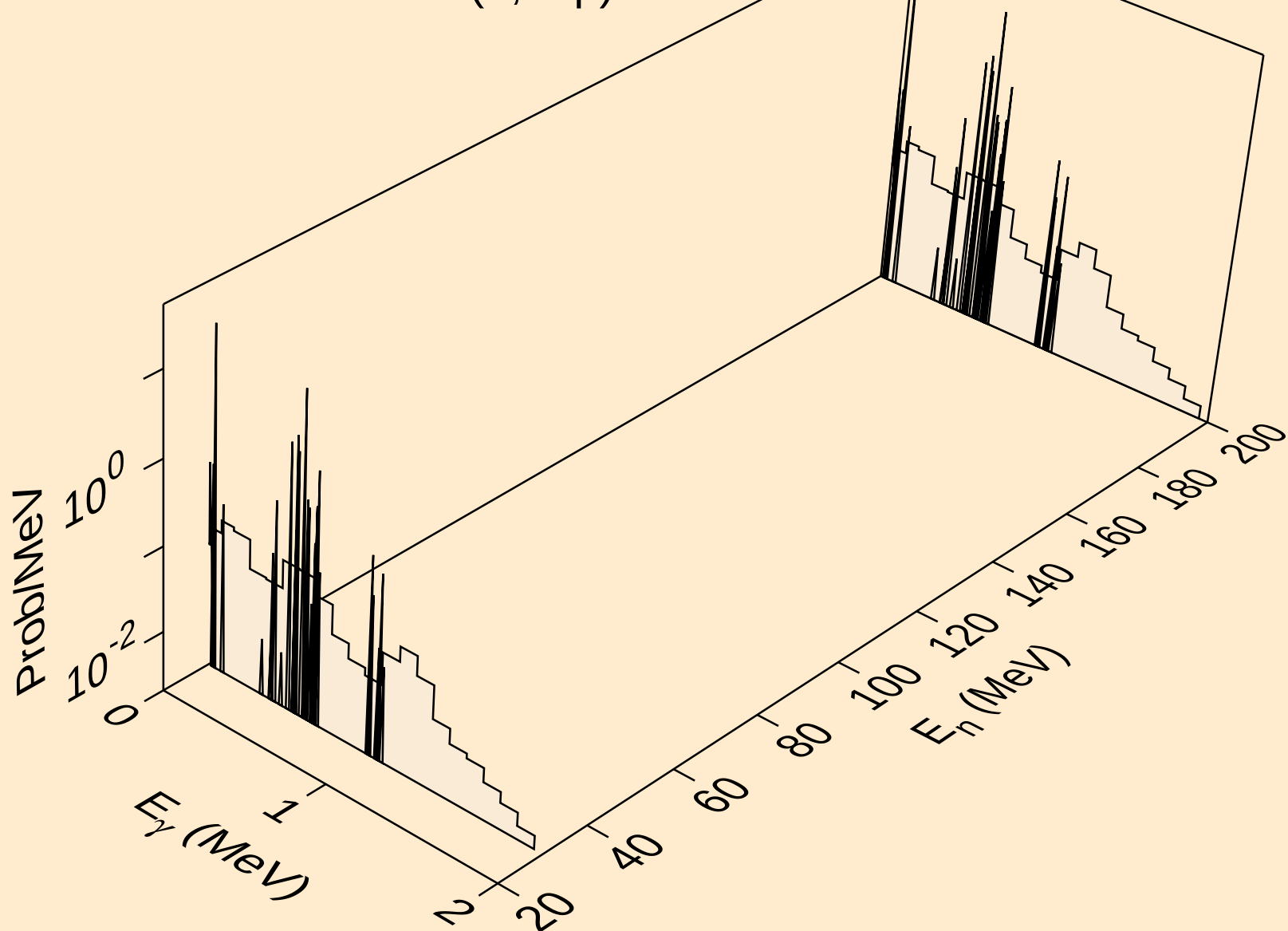
I139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,4n)



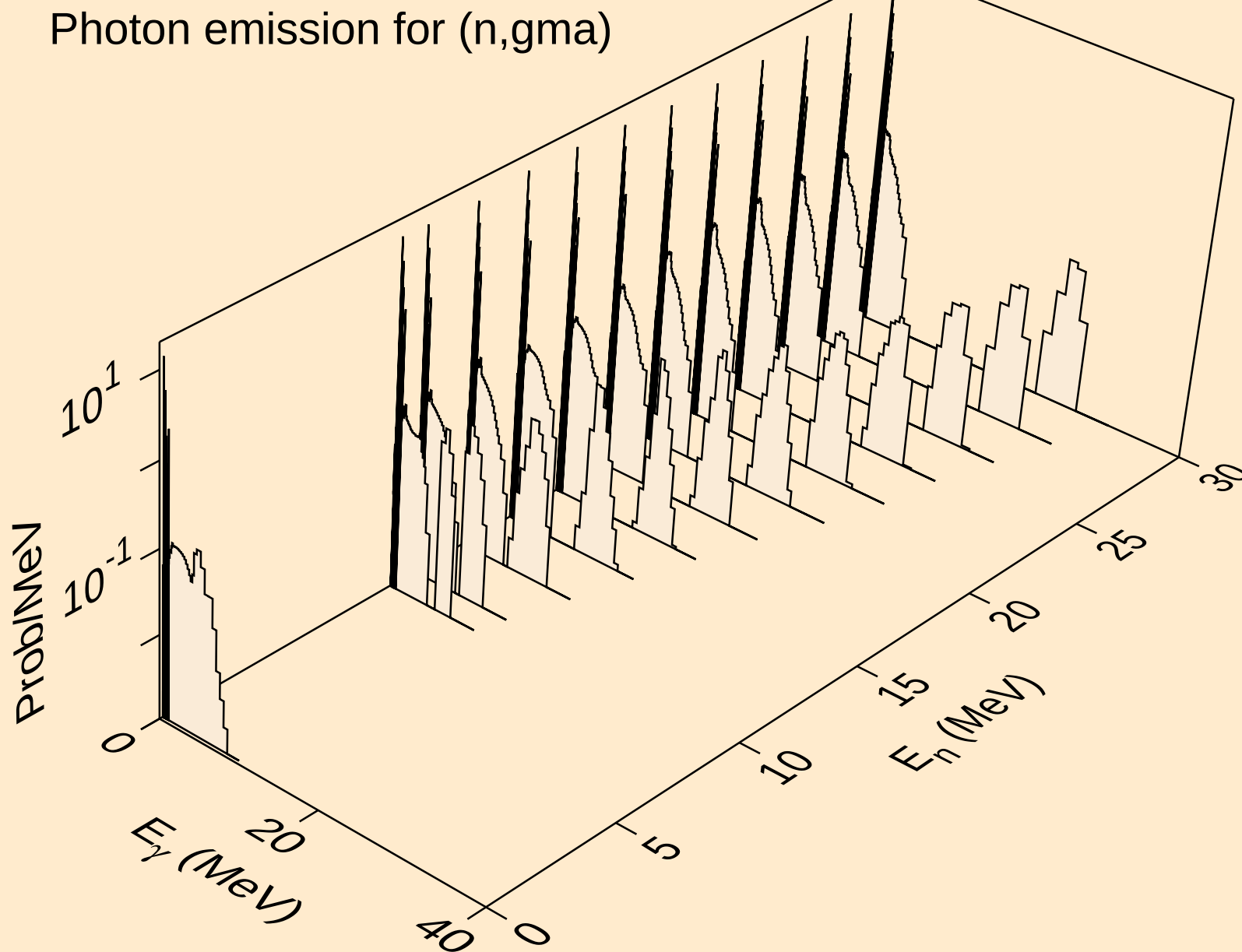
I139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2np)



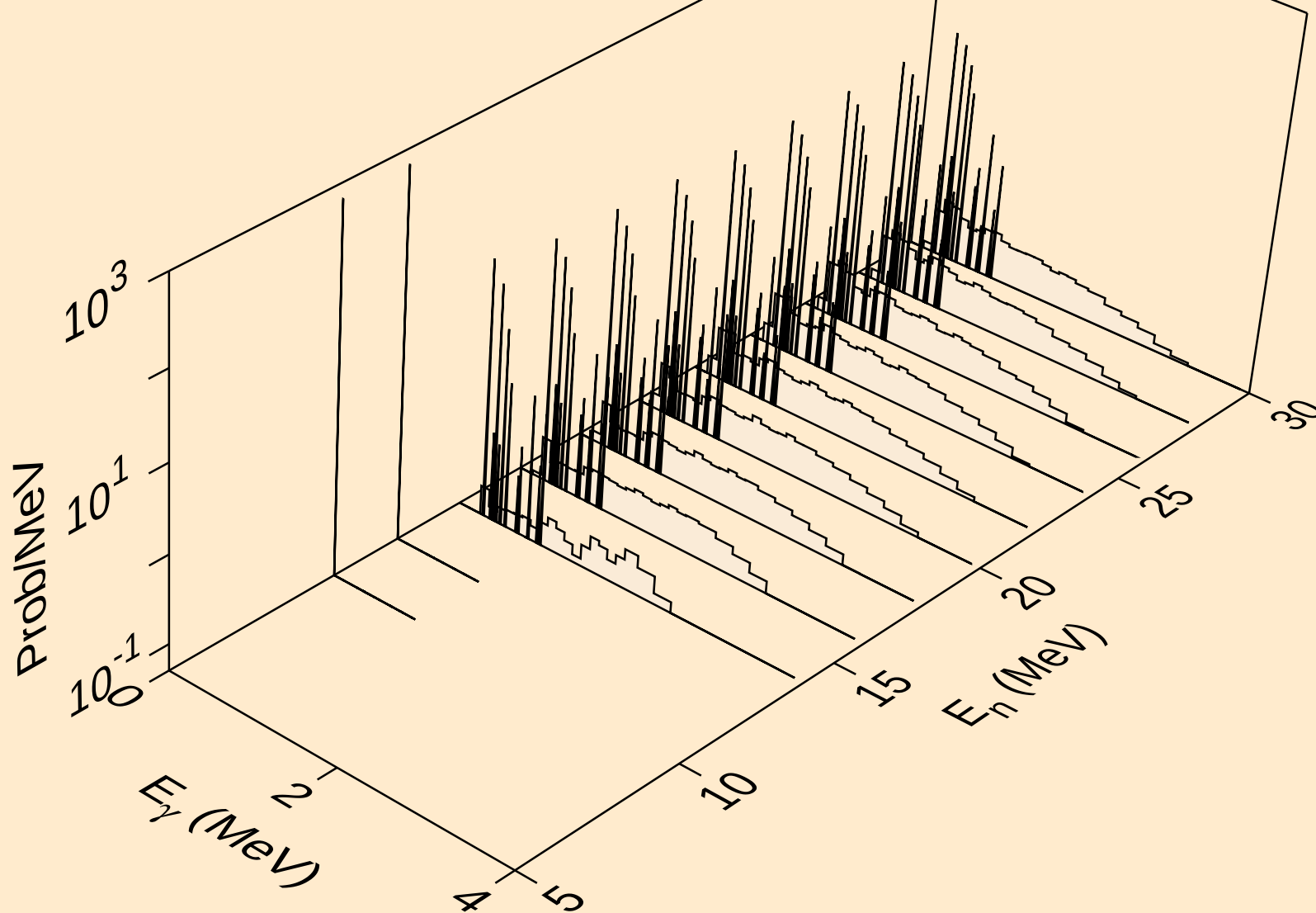
I139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,3np)



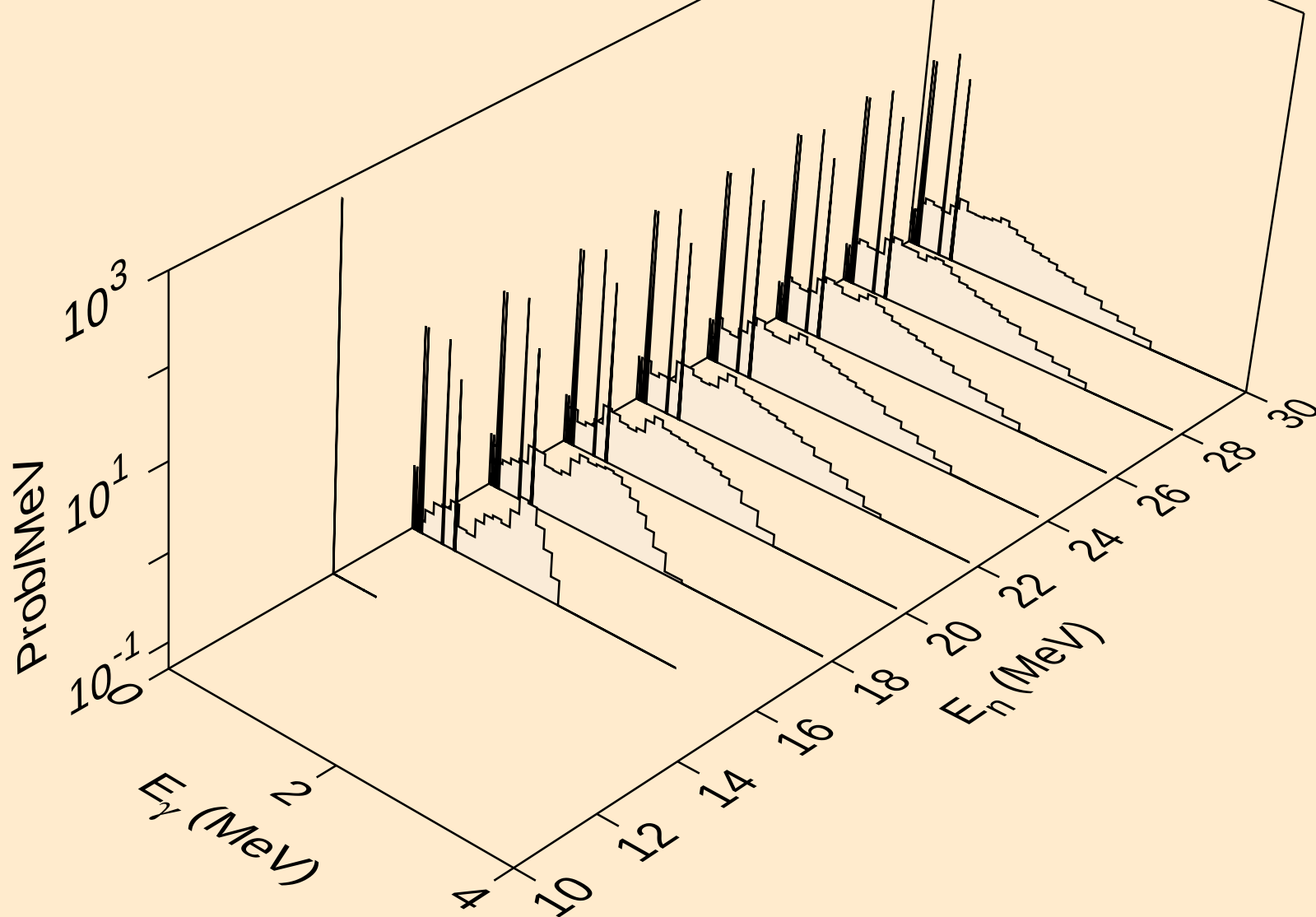
I139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,gma)



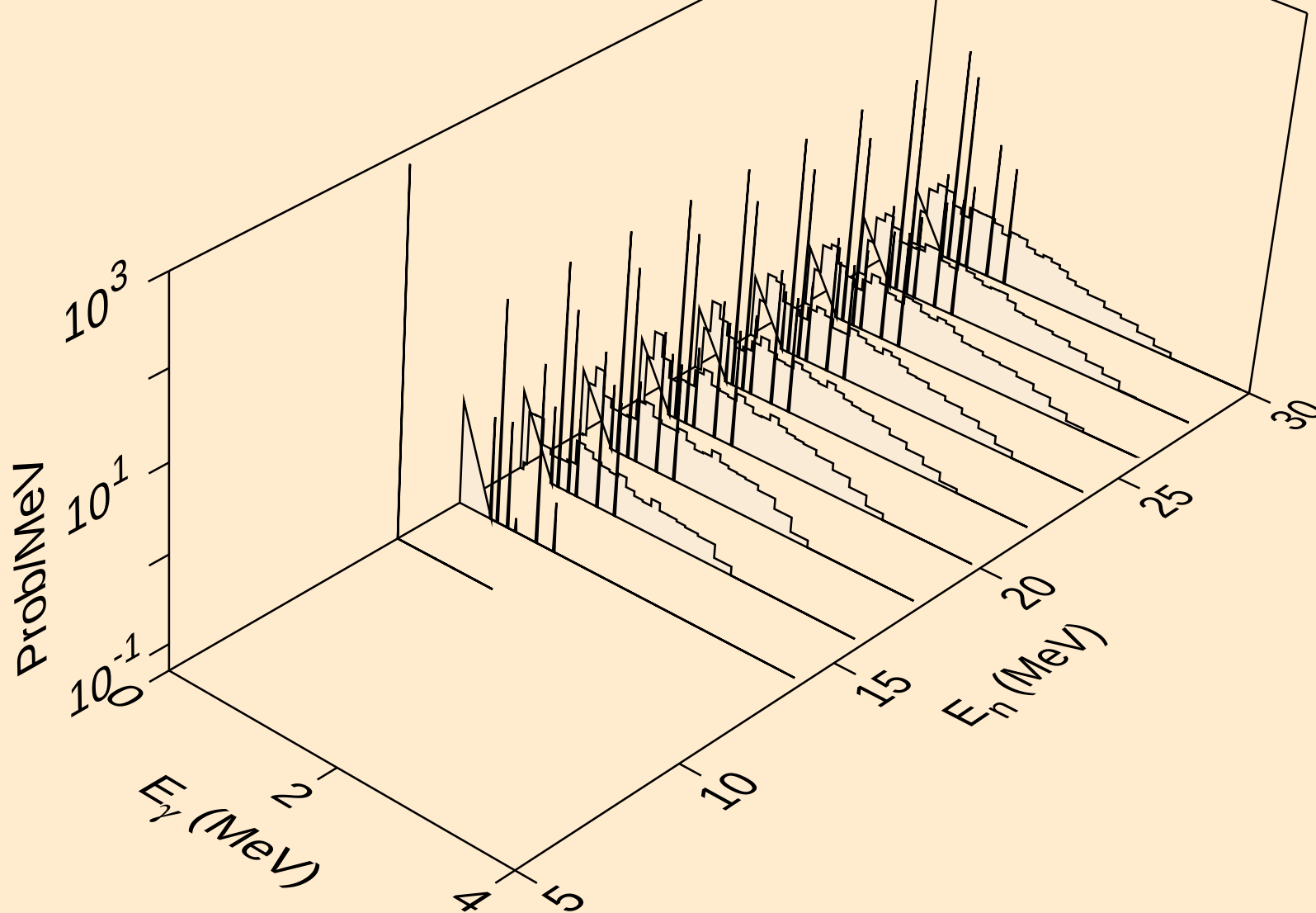
I139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,p)



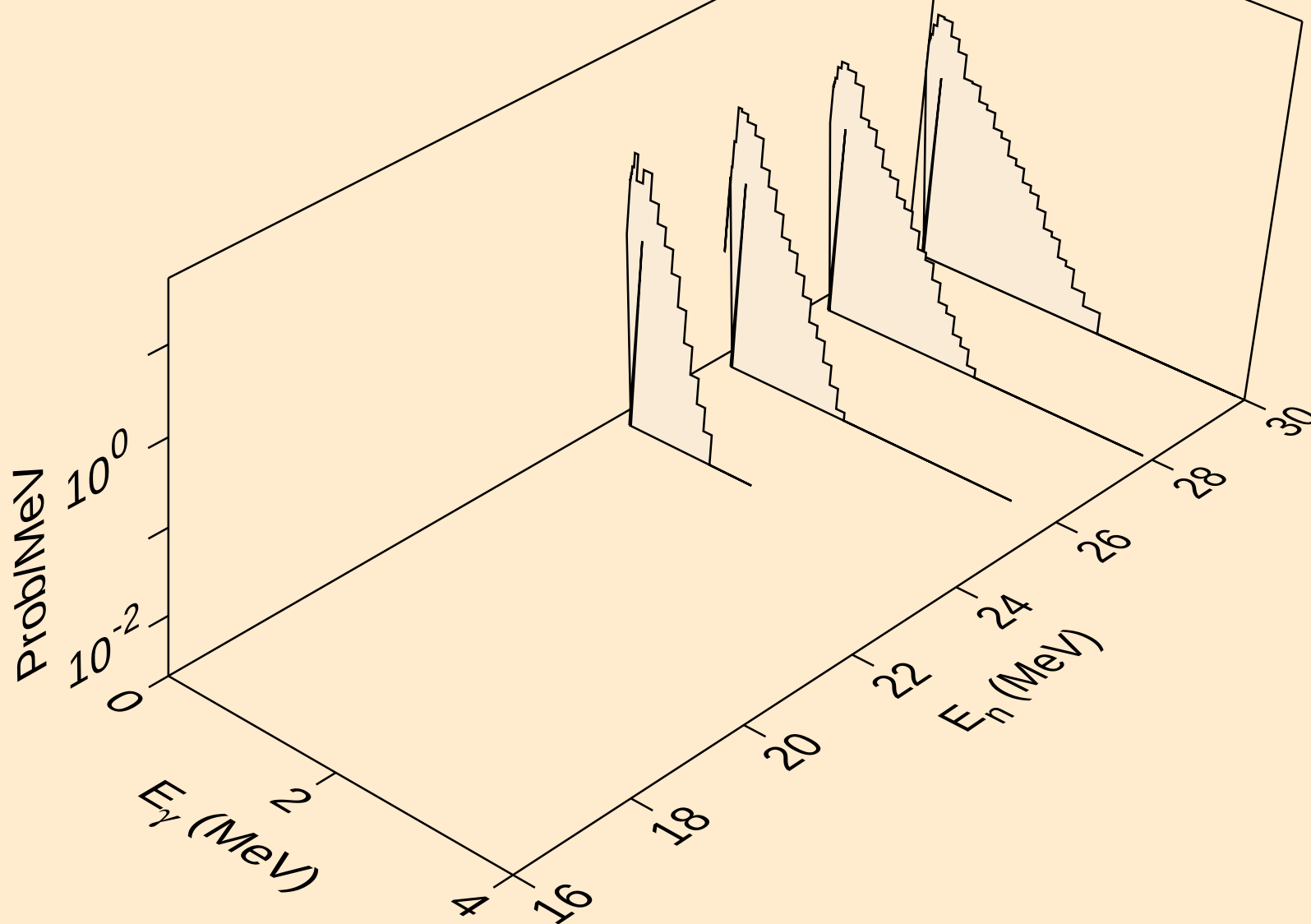
I139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,d)



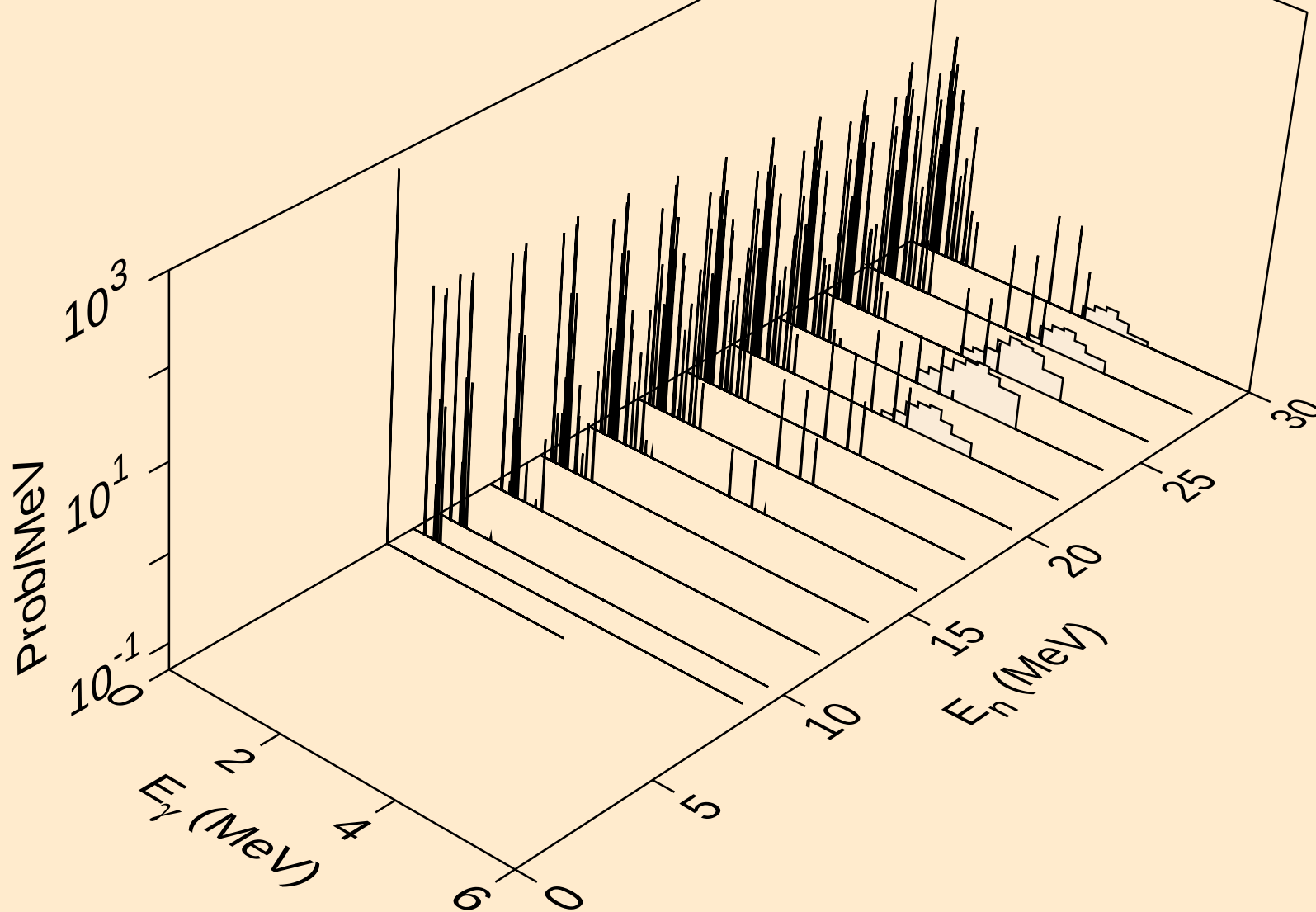
I139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,t)



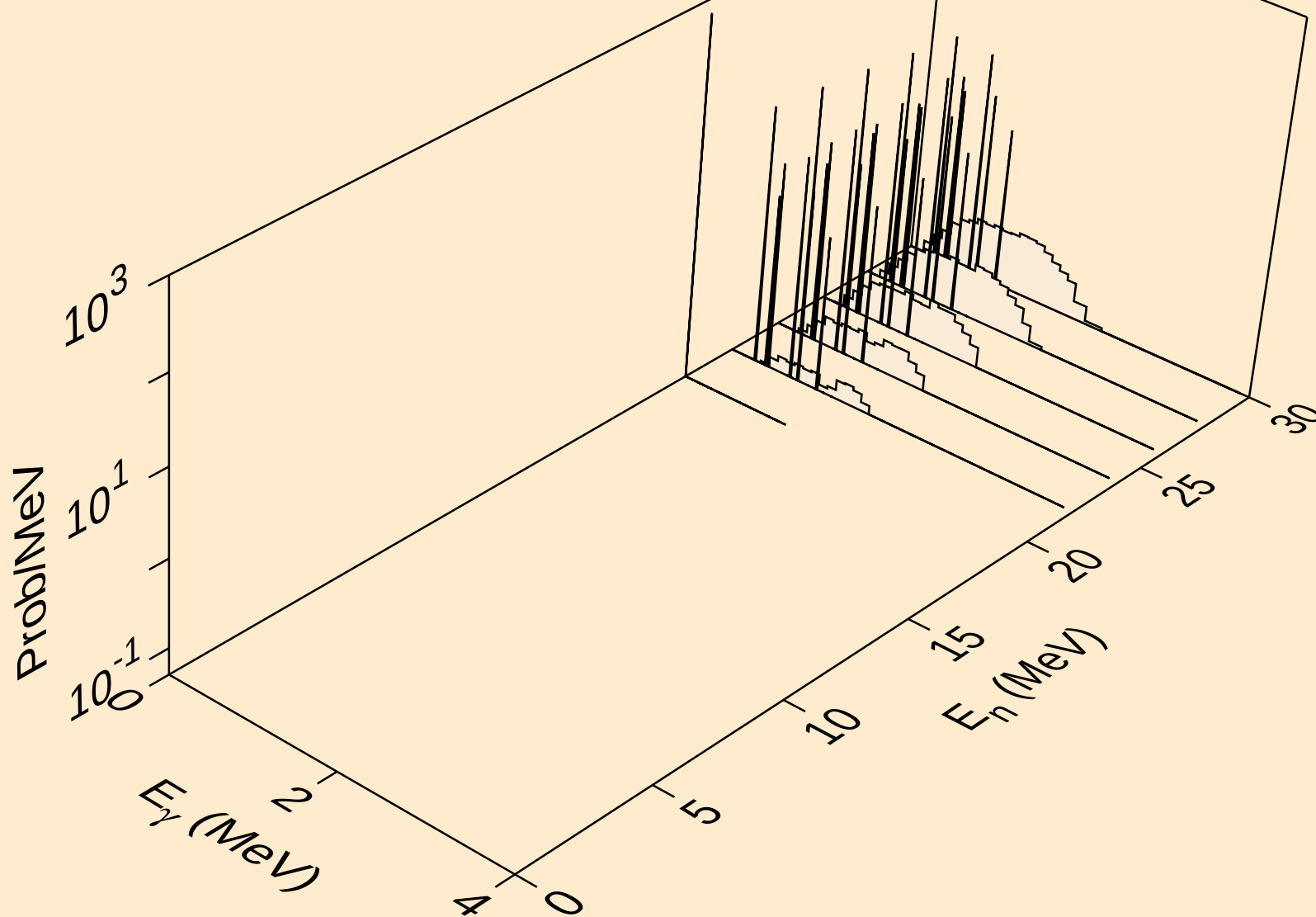
I139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,he3)



I139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for inelastic

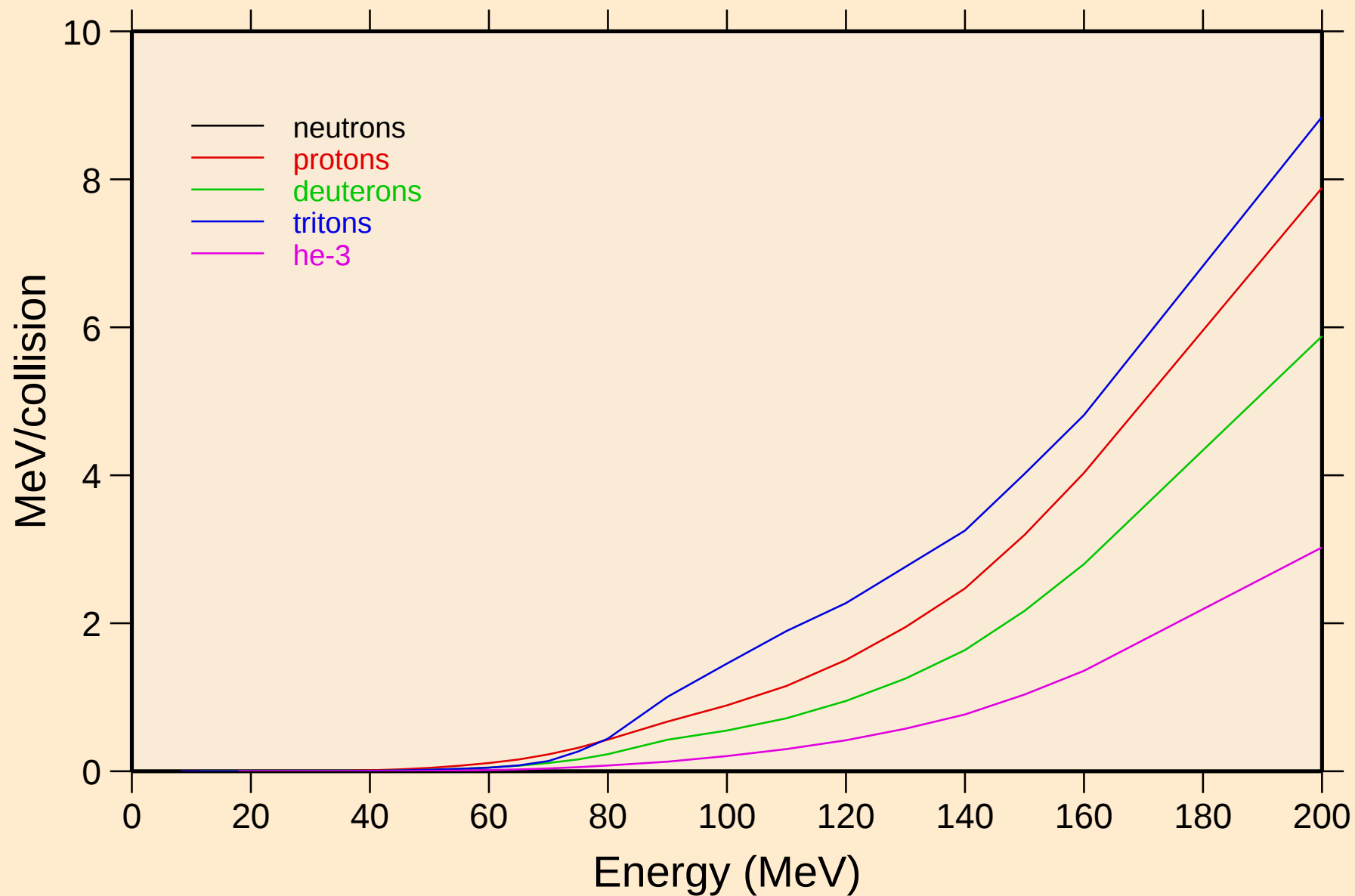


I139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2a)



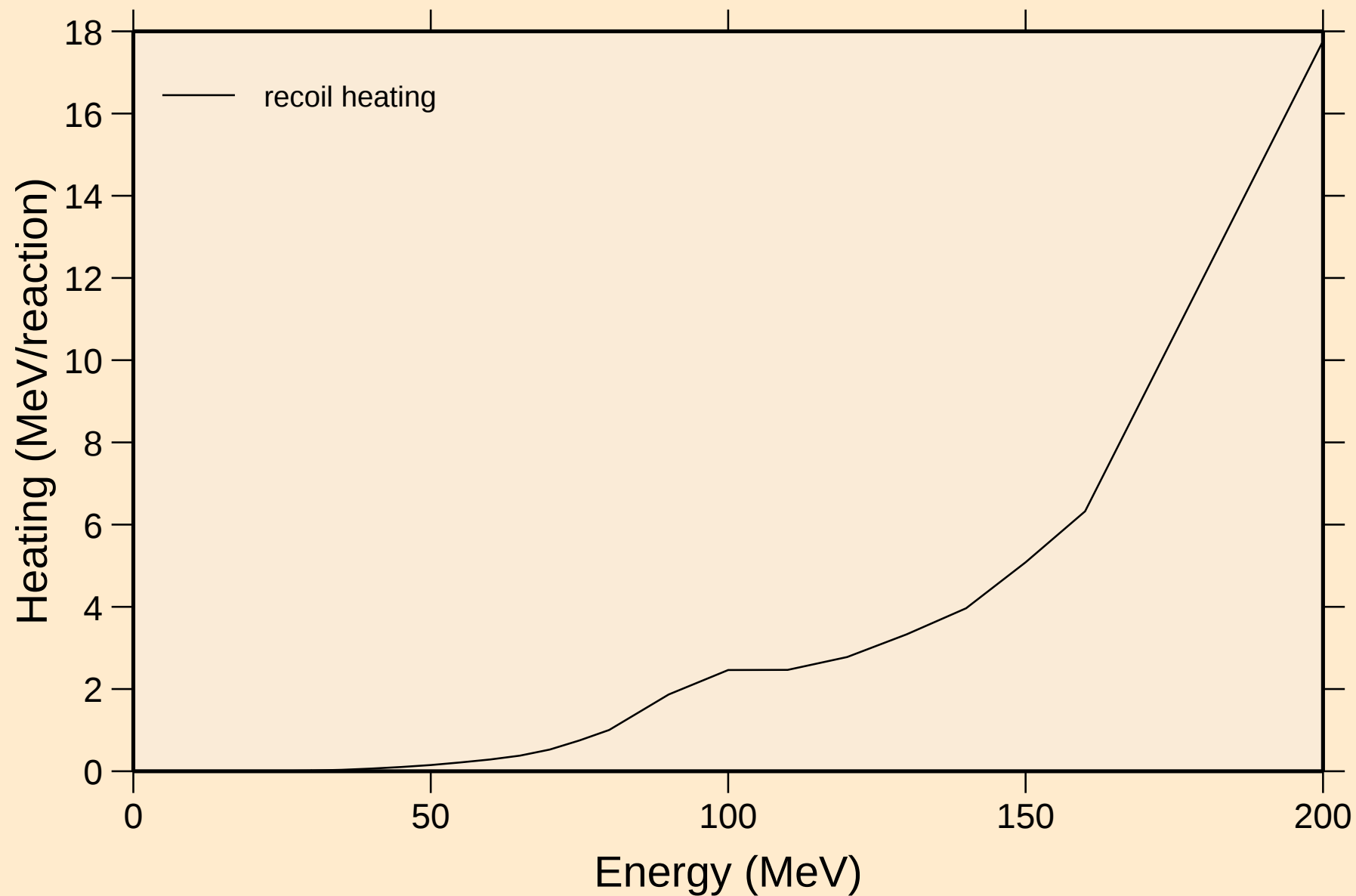
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Particle heating contributions



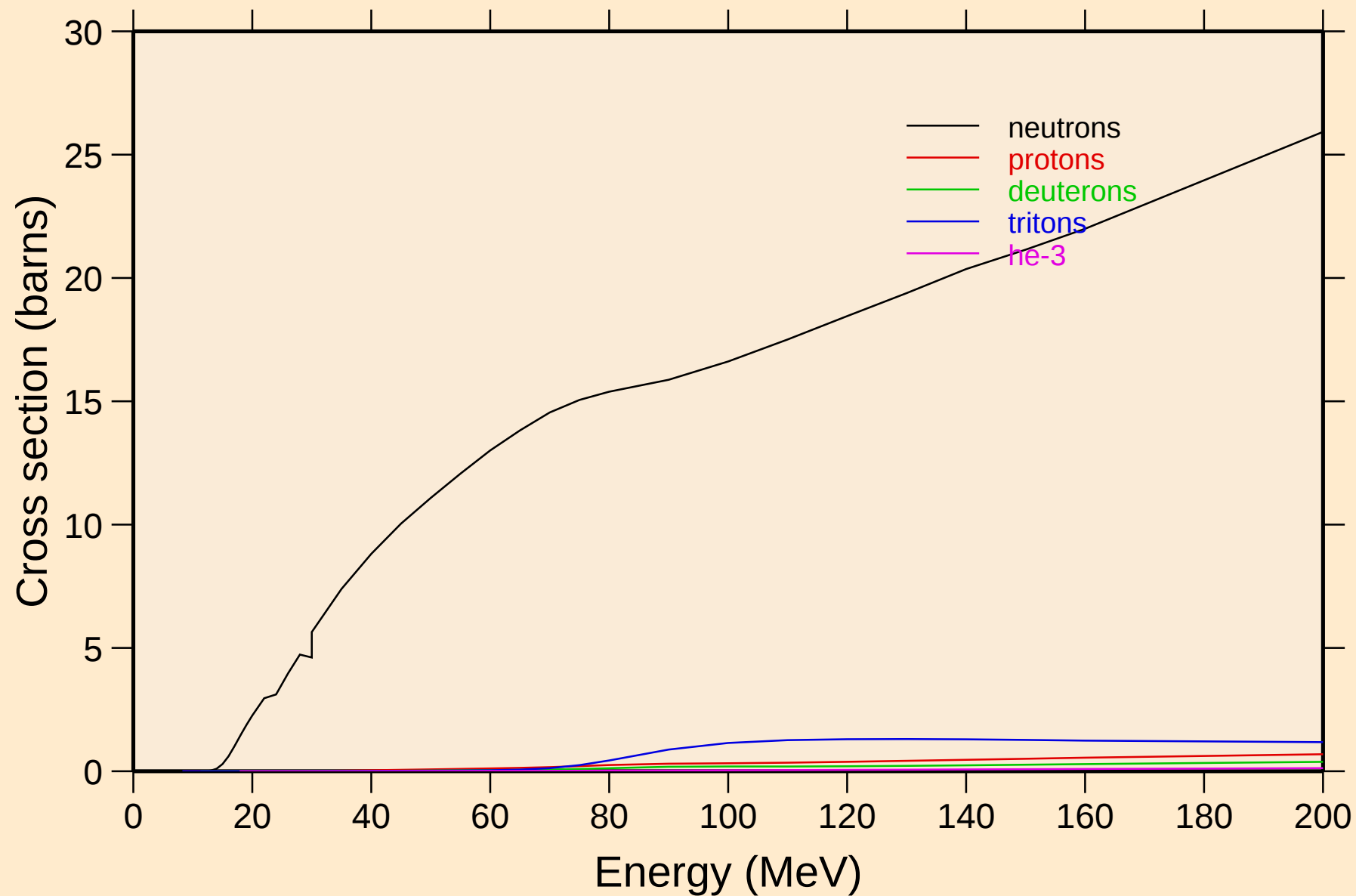
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Recoil Heating

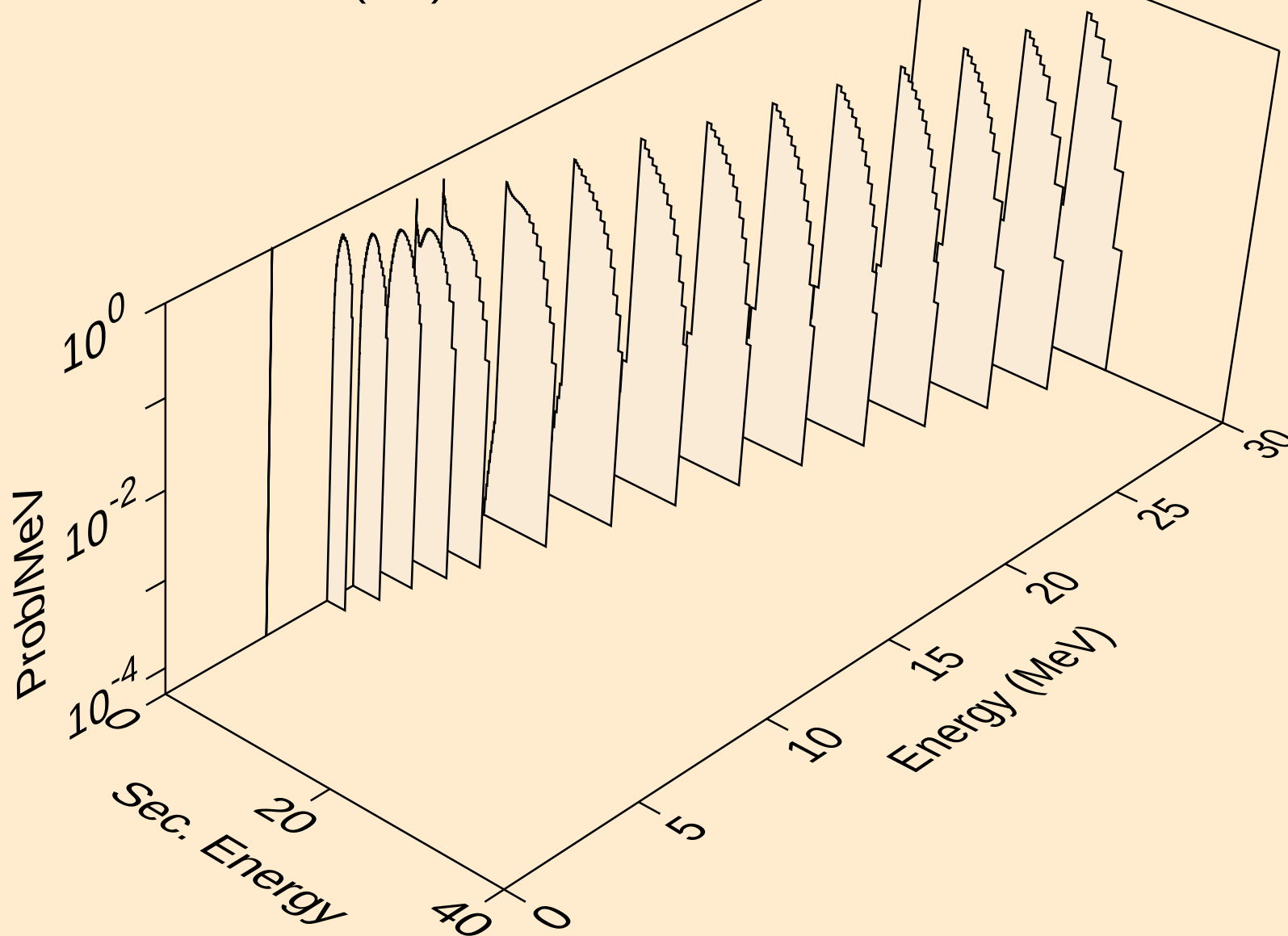


I139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

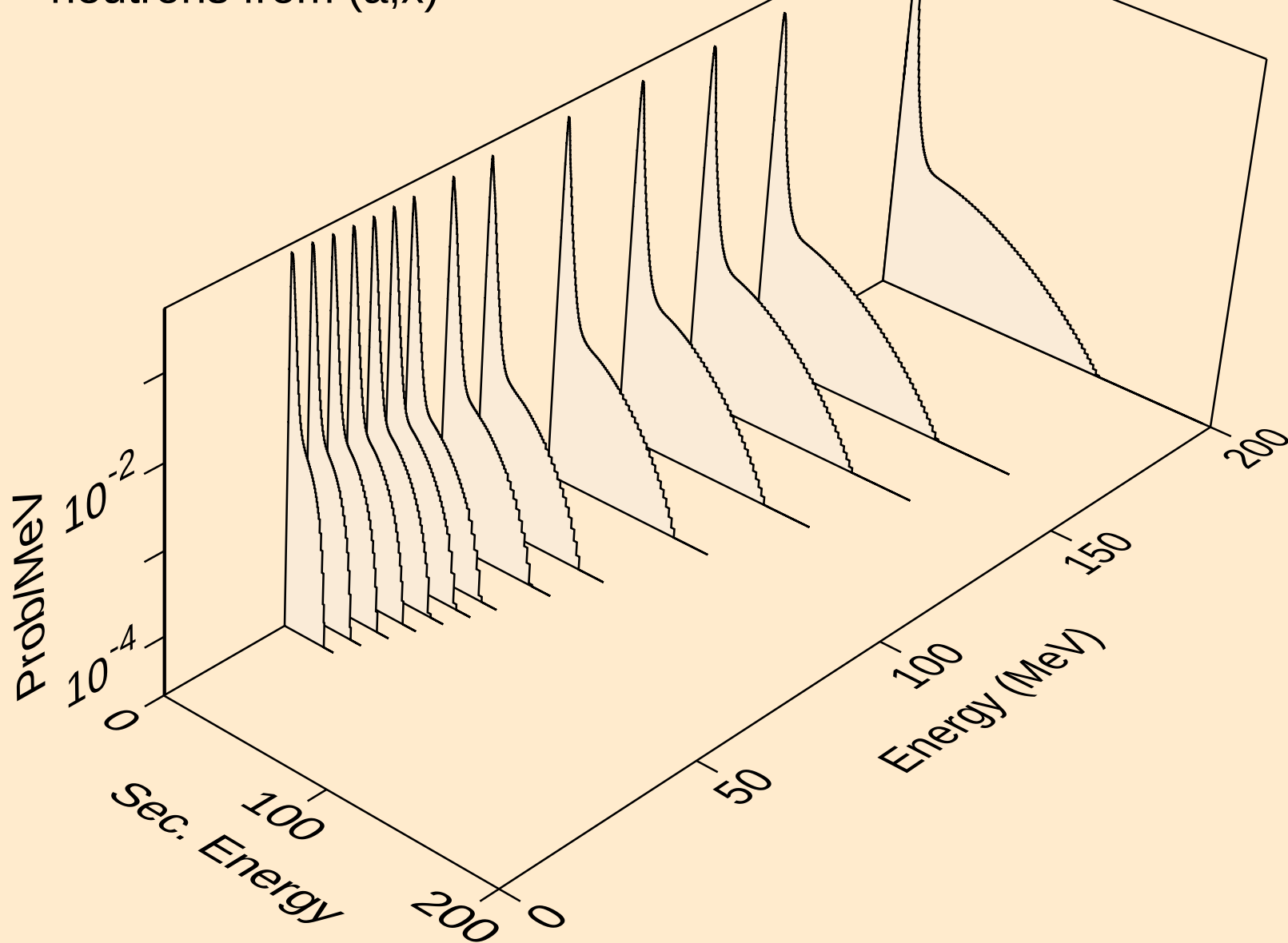
Particle production cross sections



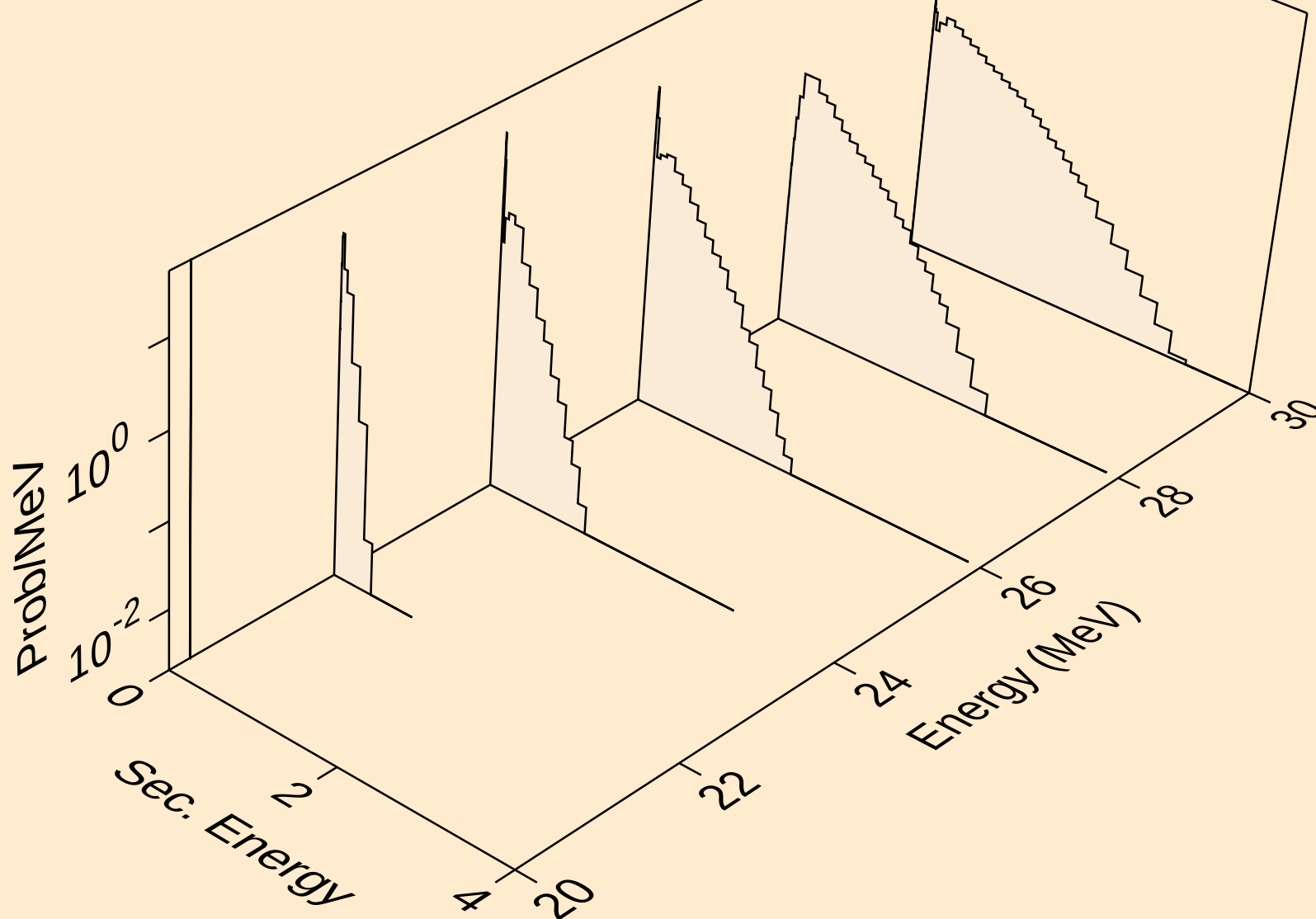
I139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,n)



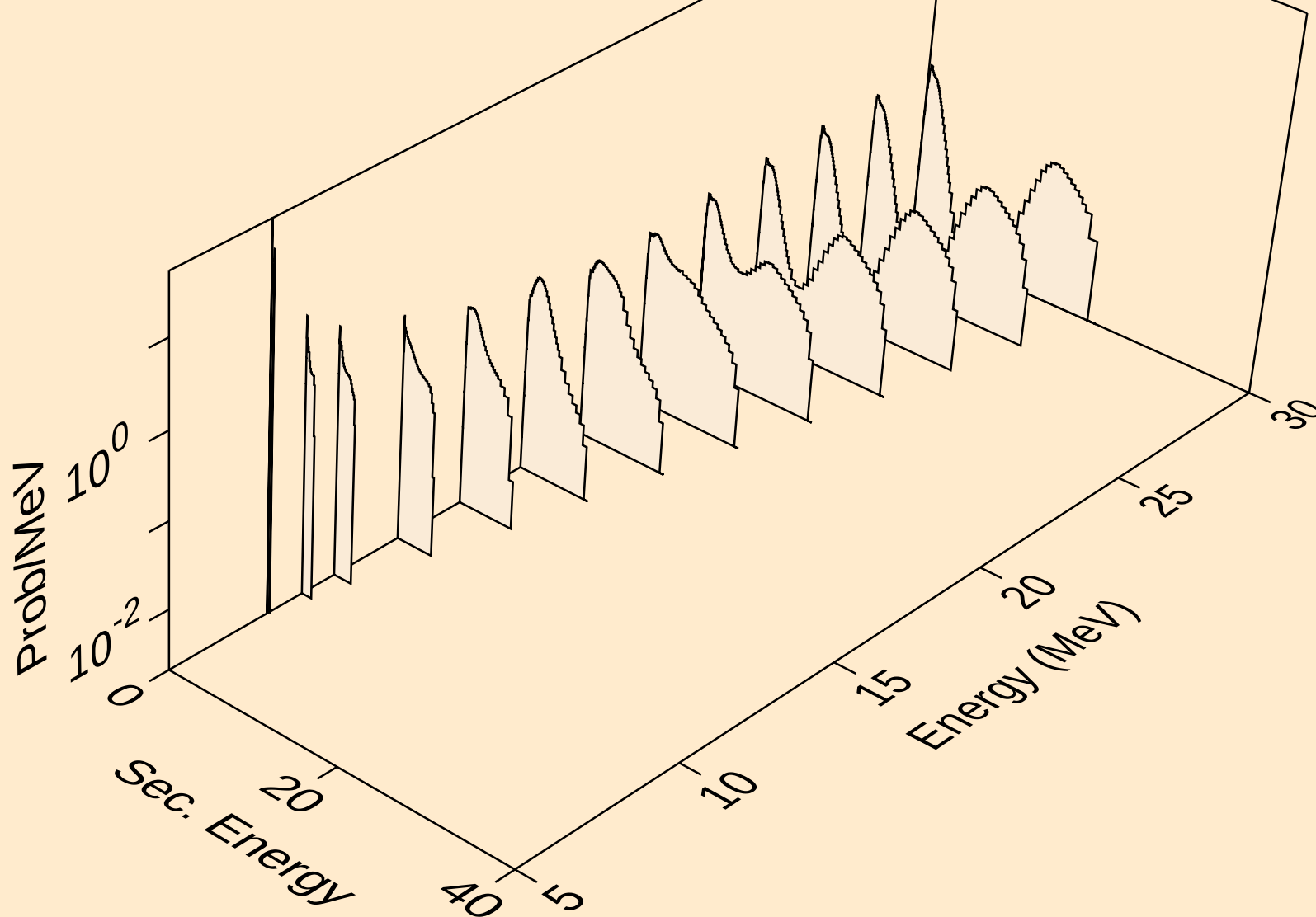
I139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,x)



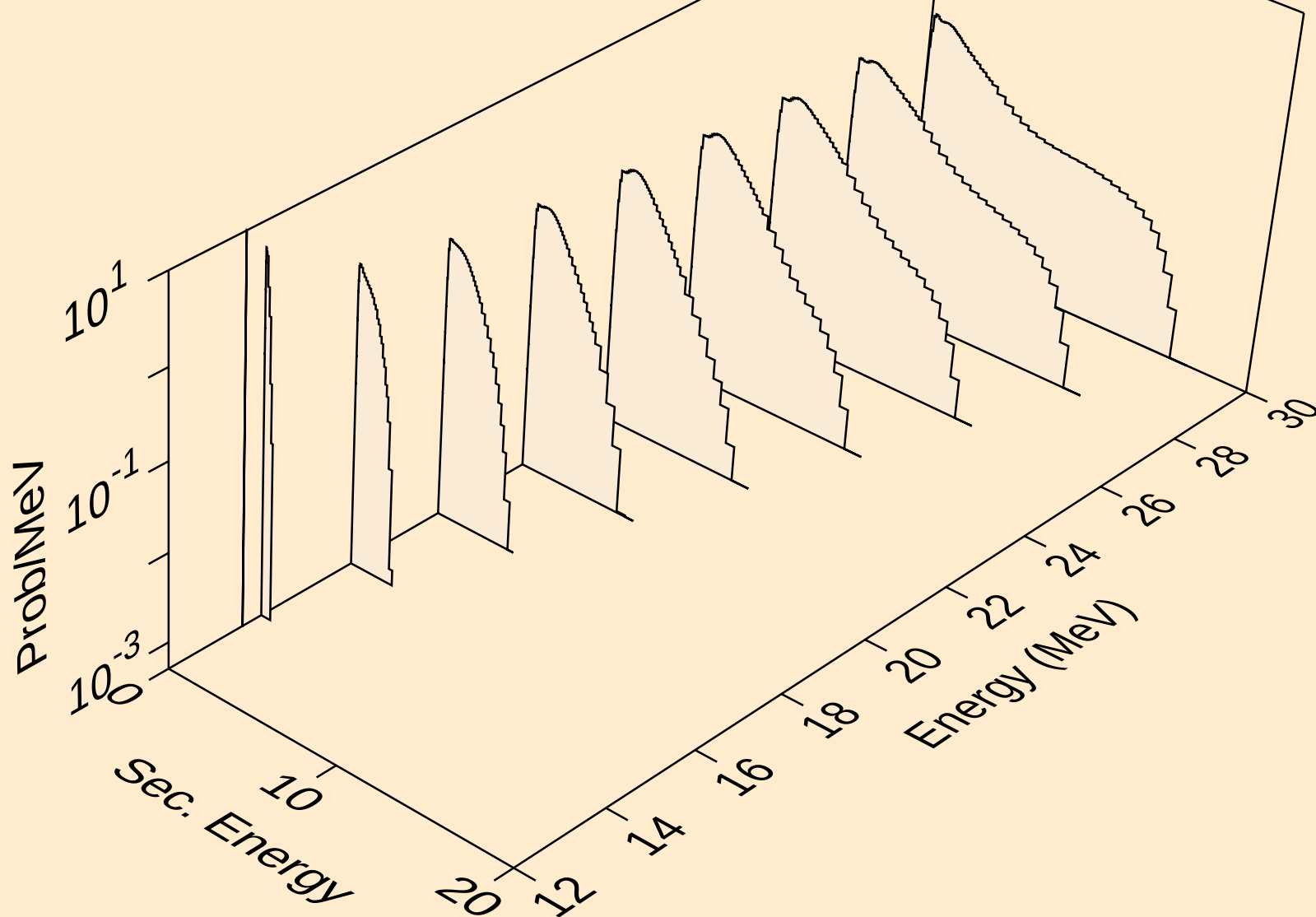
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neutrons from (a,2nd)



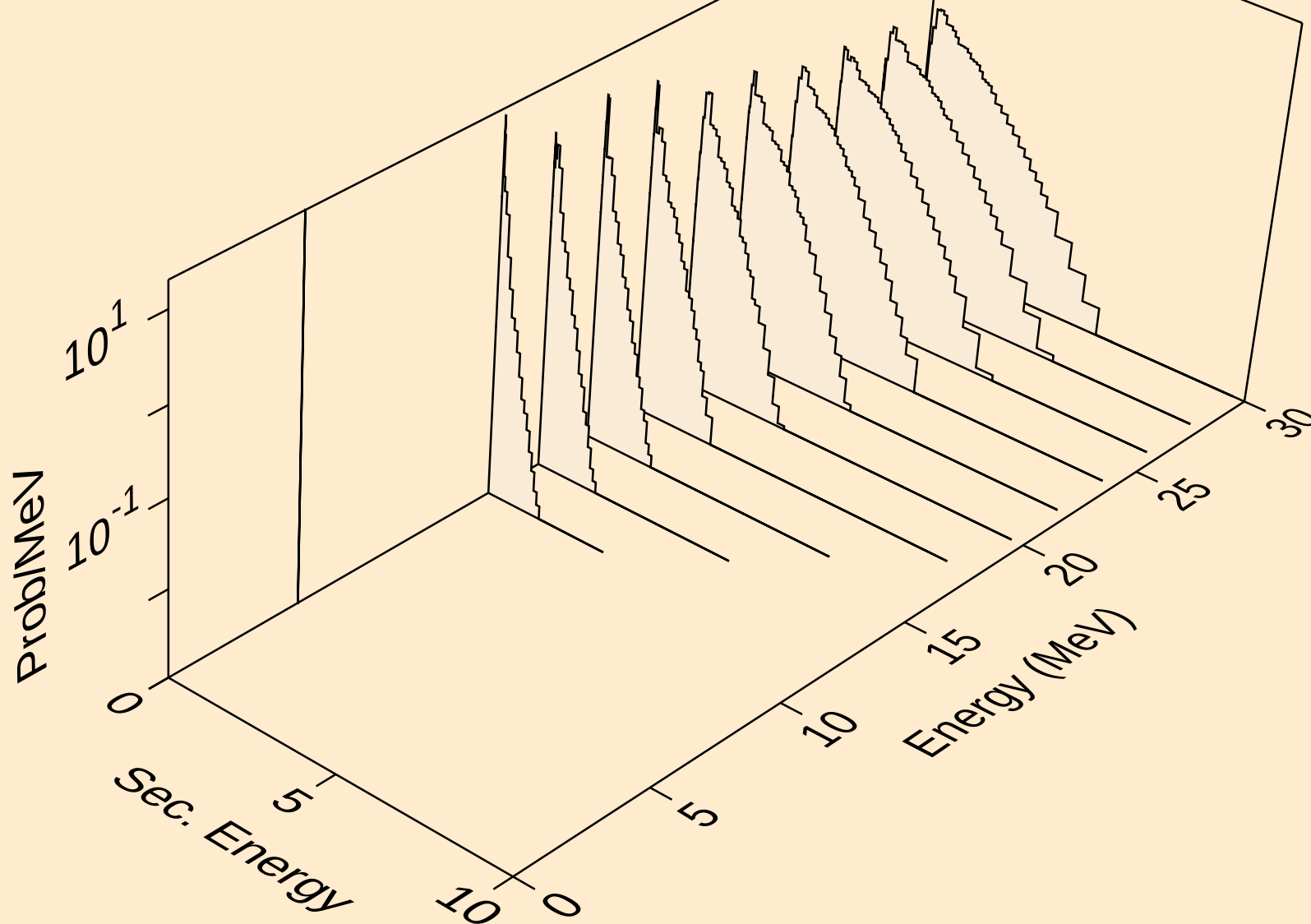
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neutrons from (a,2n)



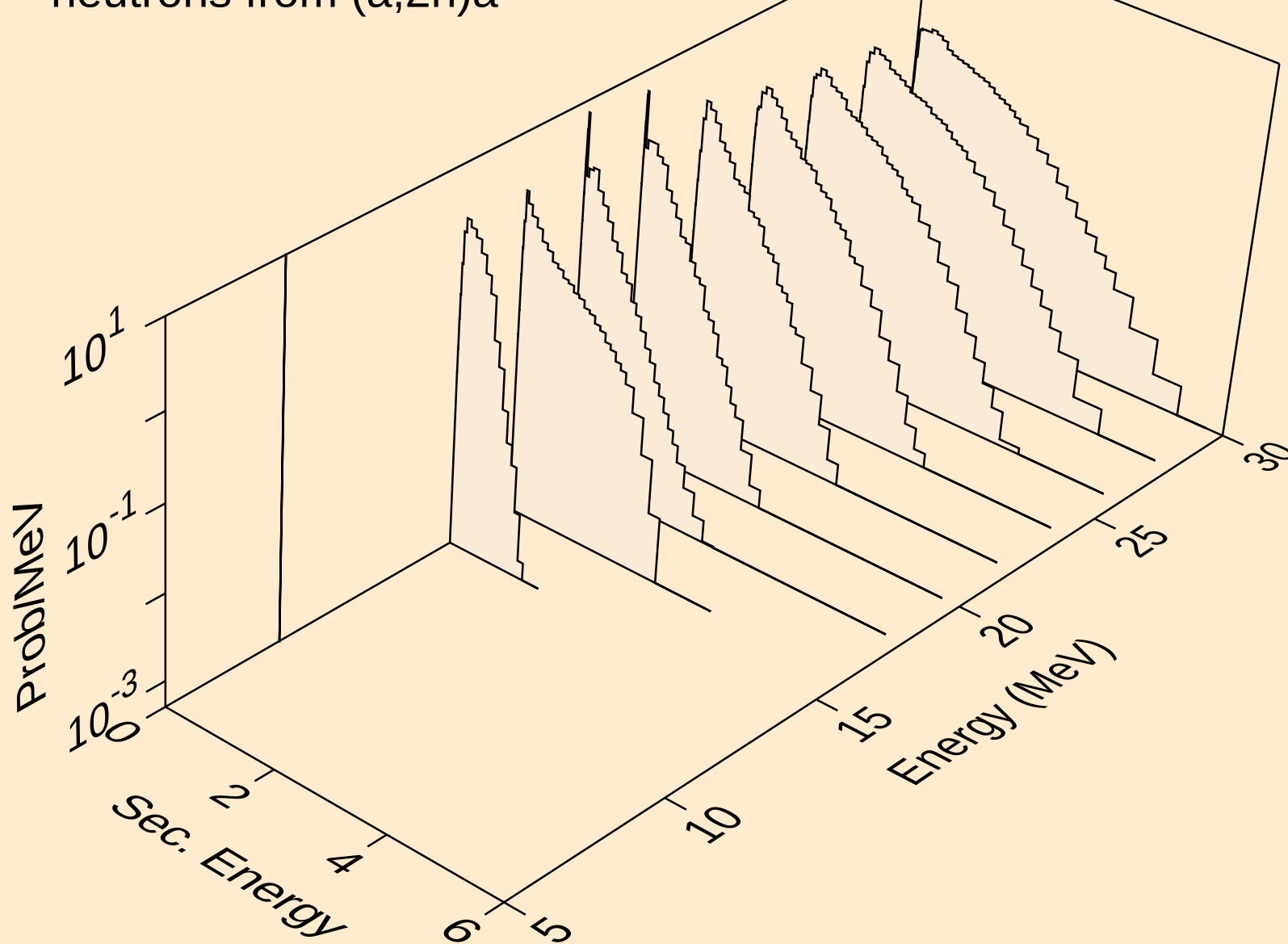
I139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,3n)



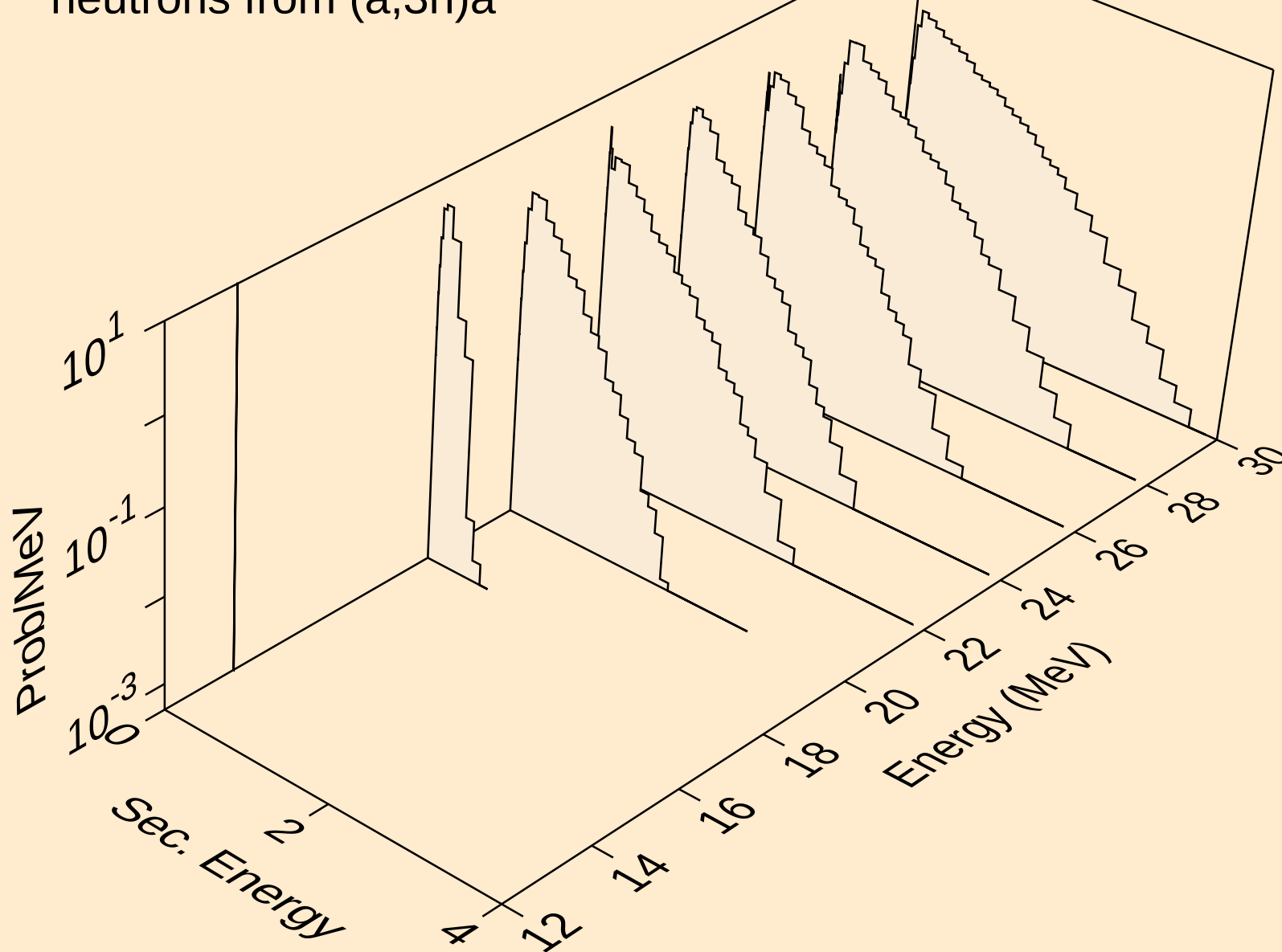
I139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,n*)a



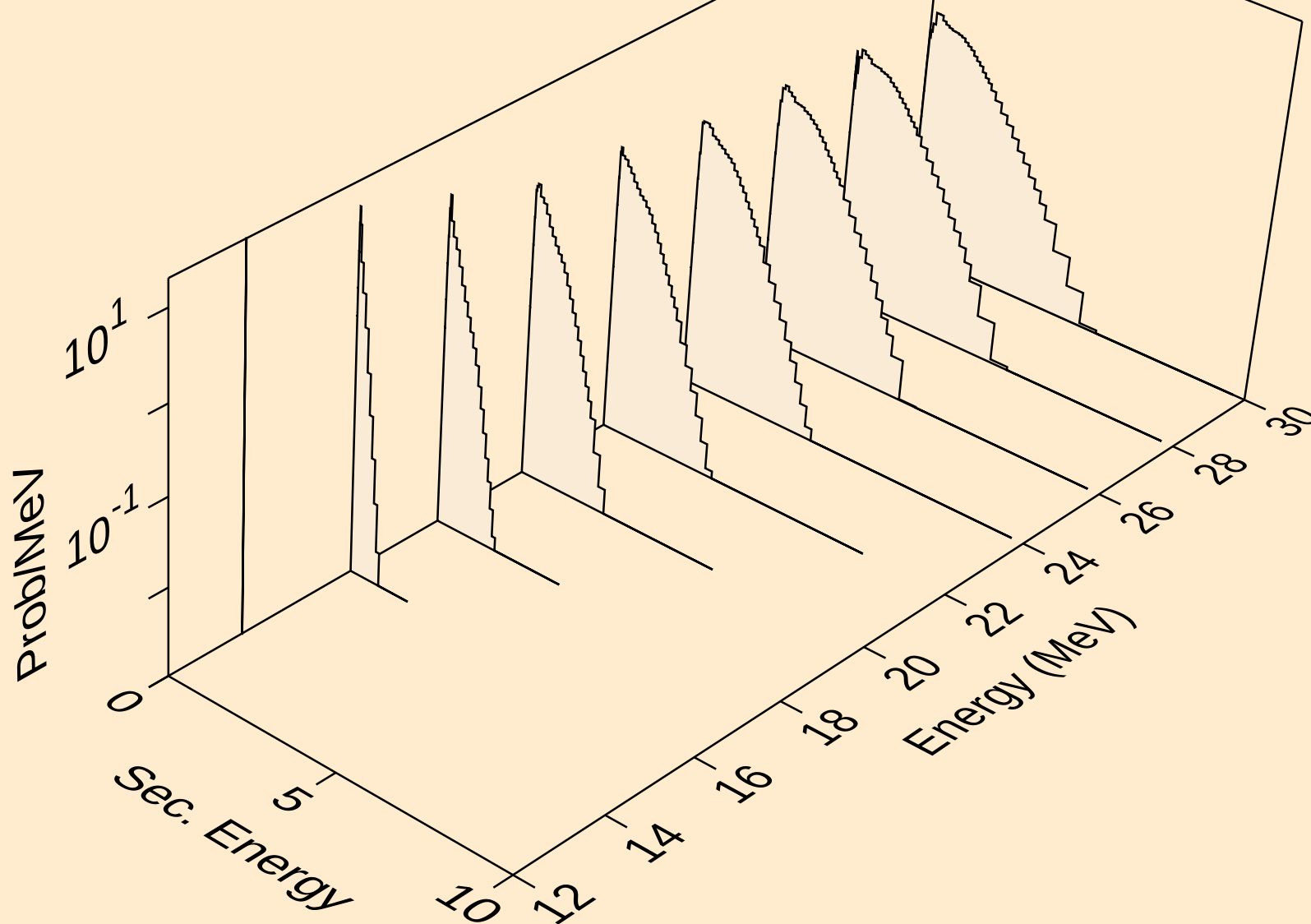
I139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,2n)a



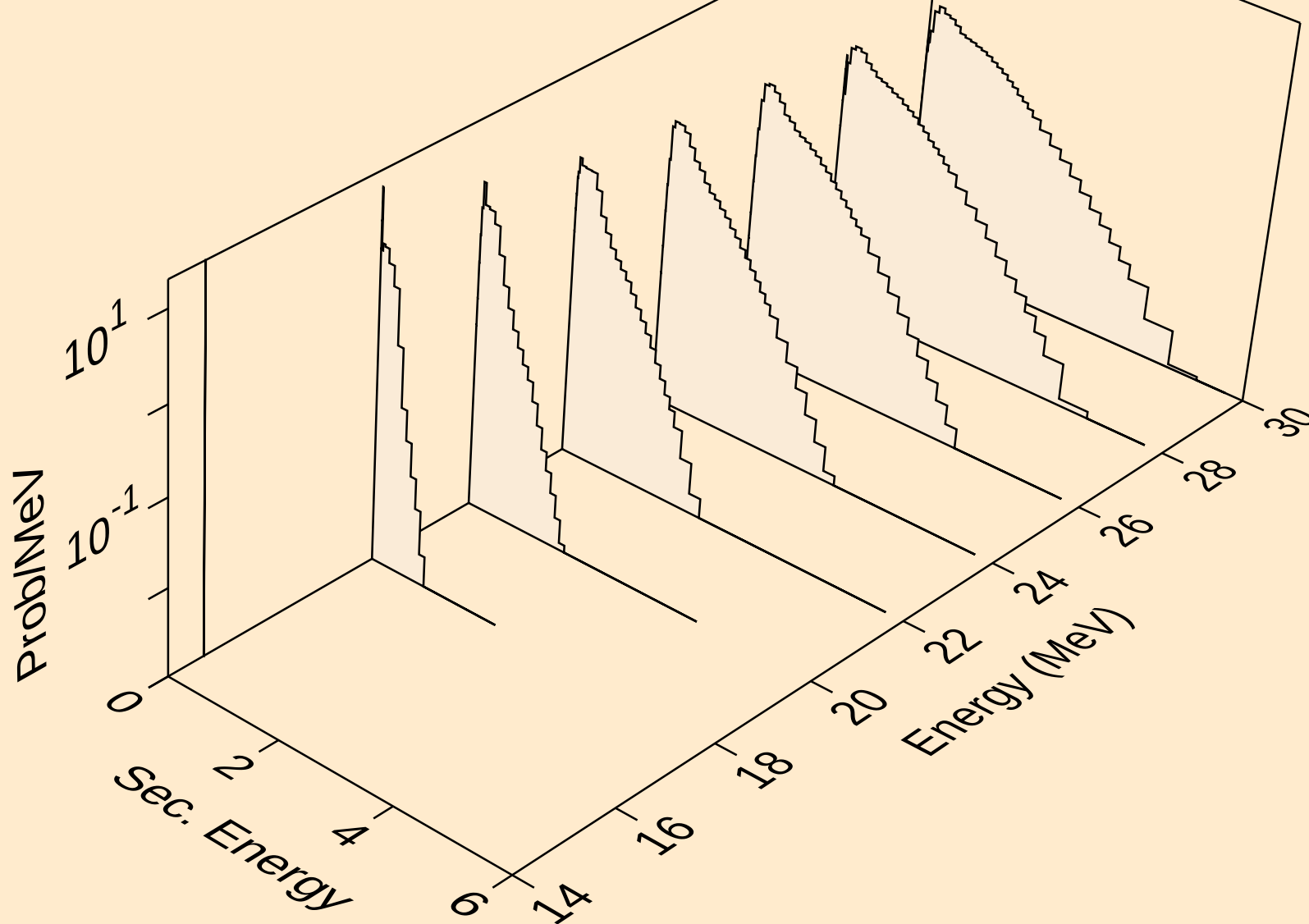
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neutrons from (a,3n)a



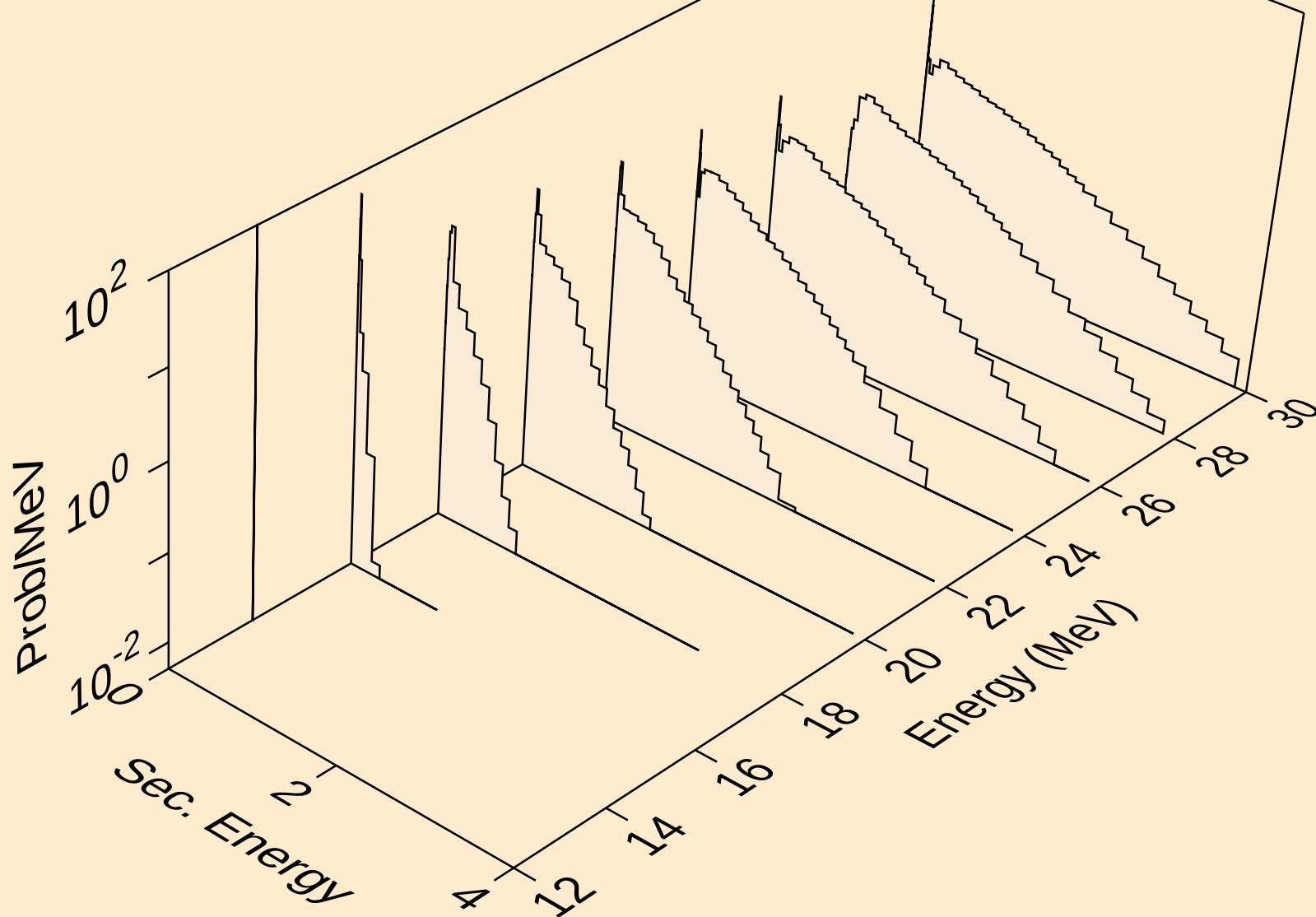
I139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,n*)p



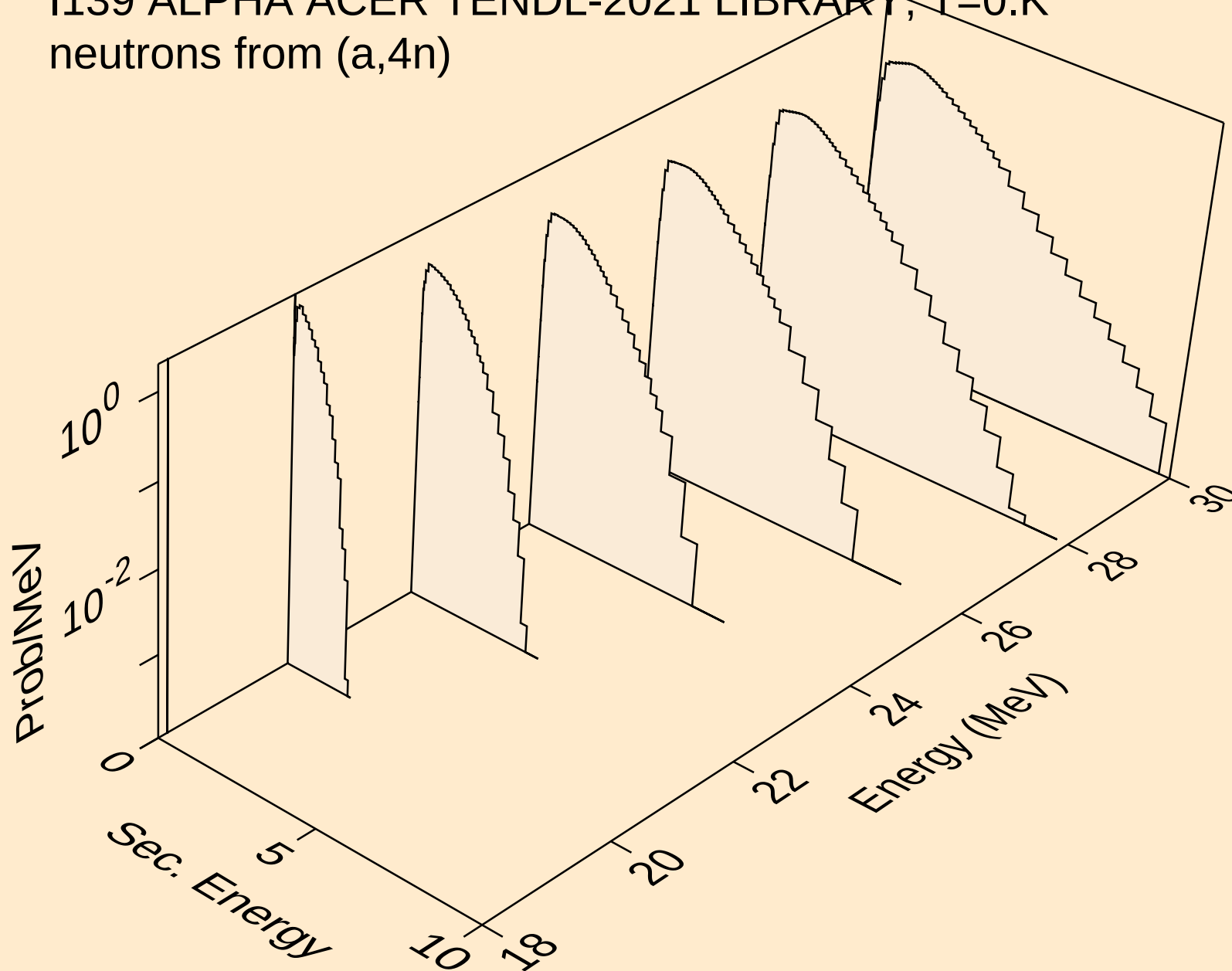
I139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,n*)d



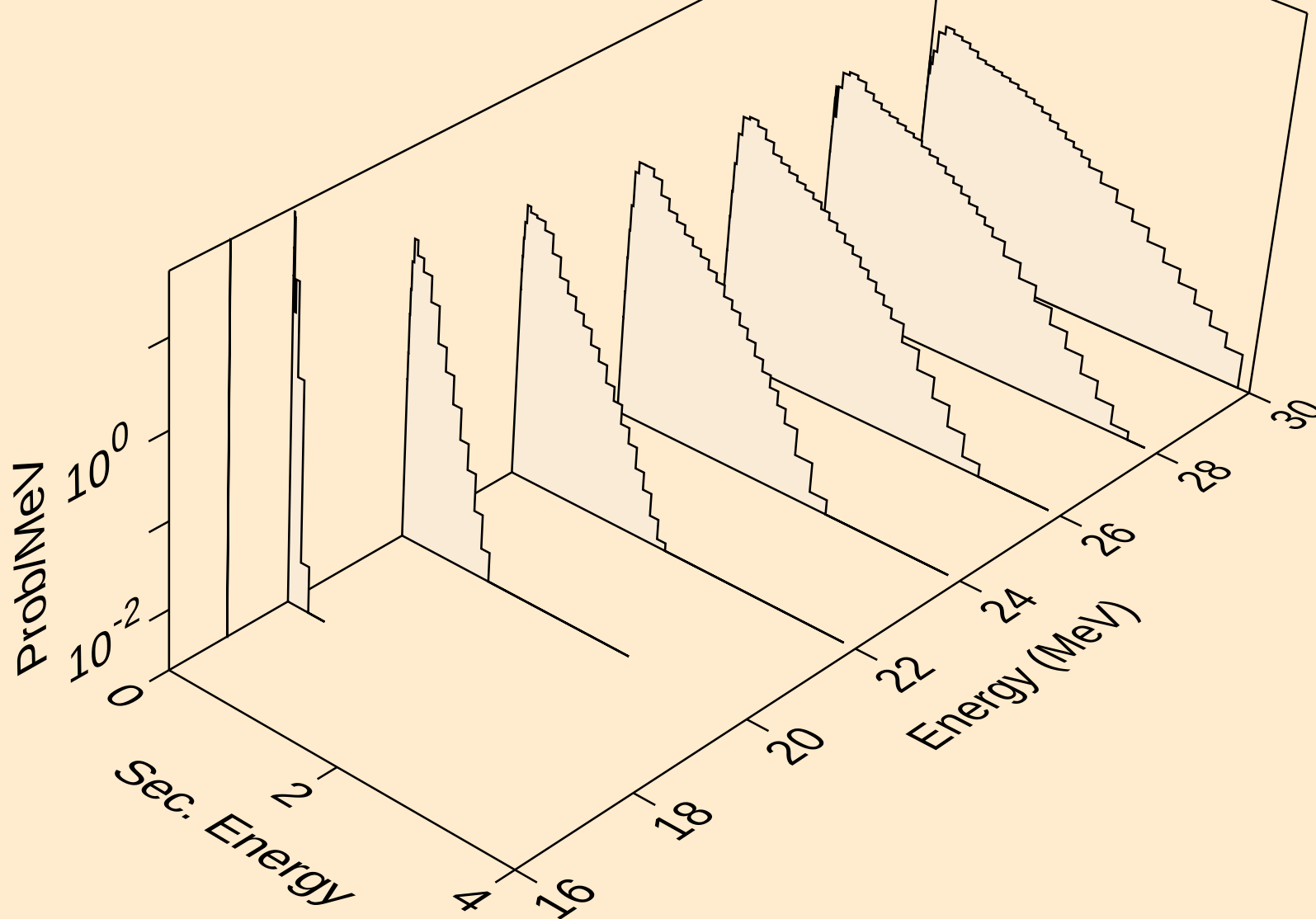
I139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,n*)t



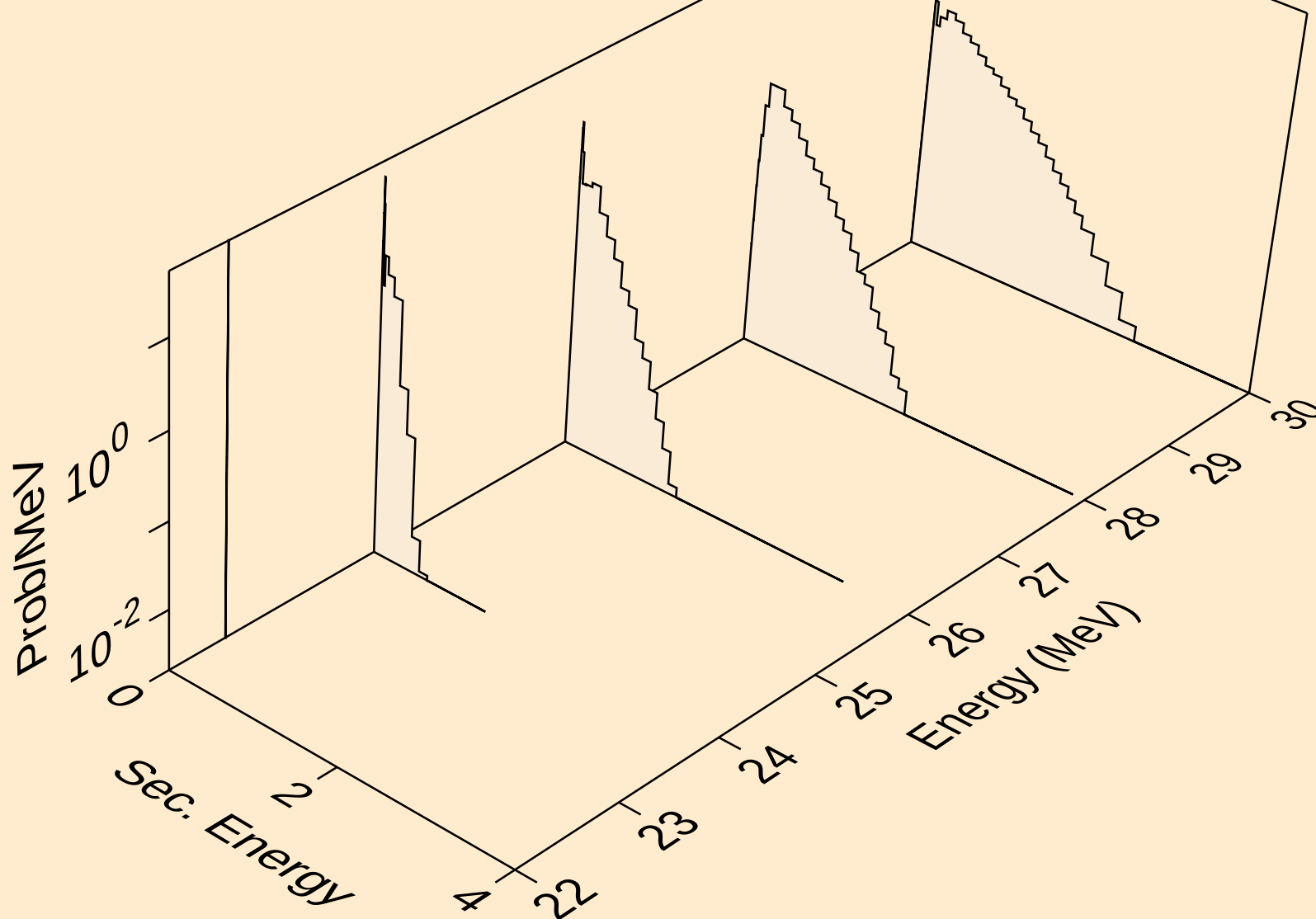
I139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,4n)



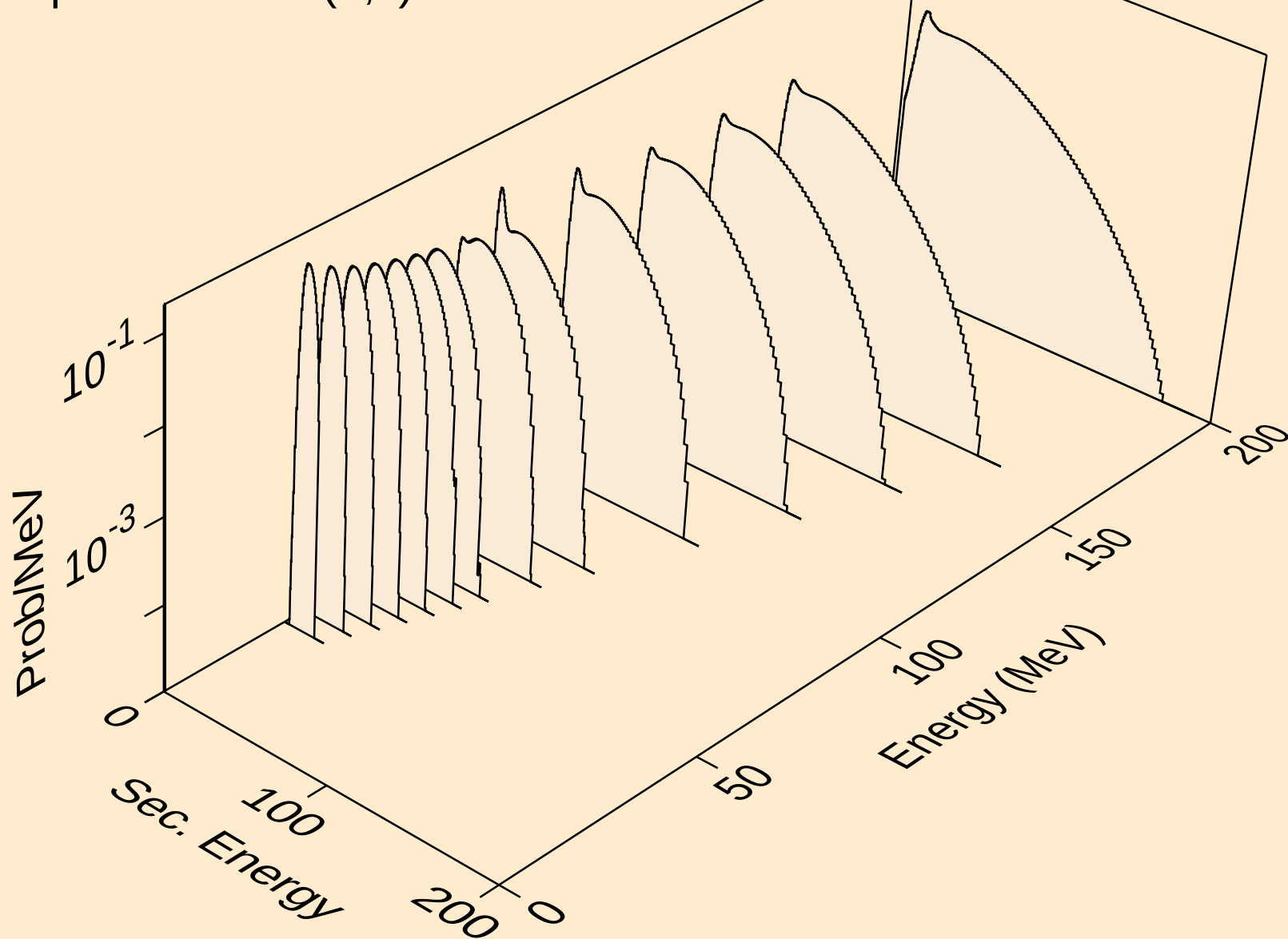
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neutrons from (a,2np)



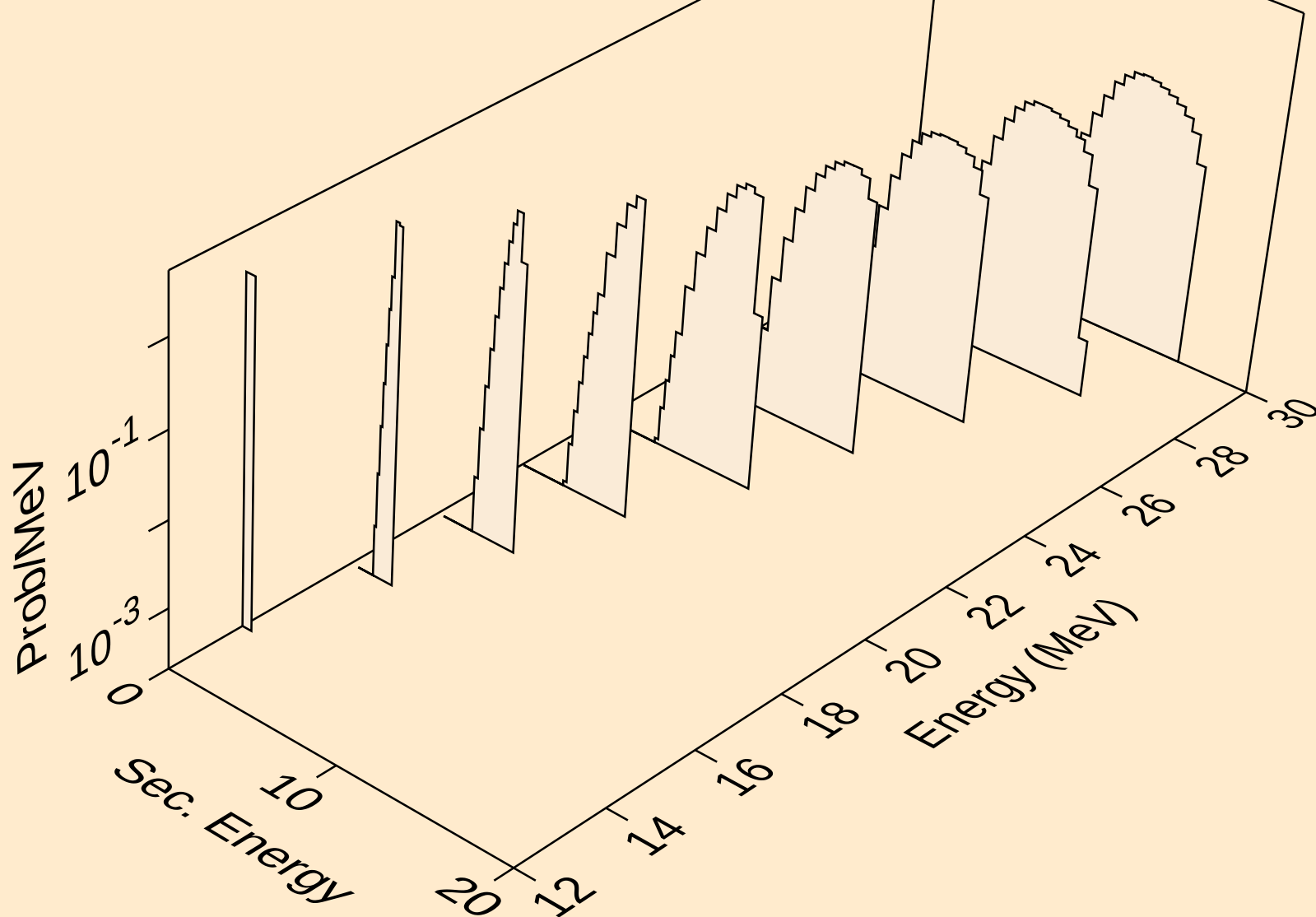
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neutrons from (a,3np)



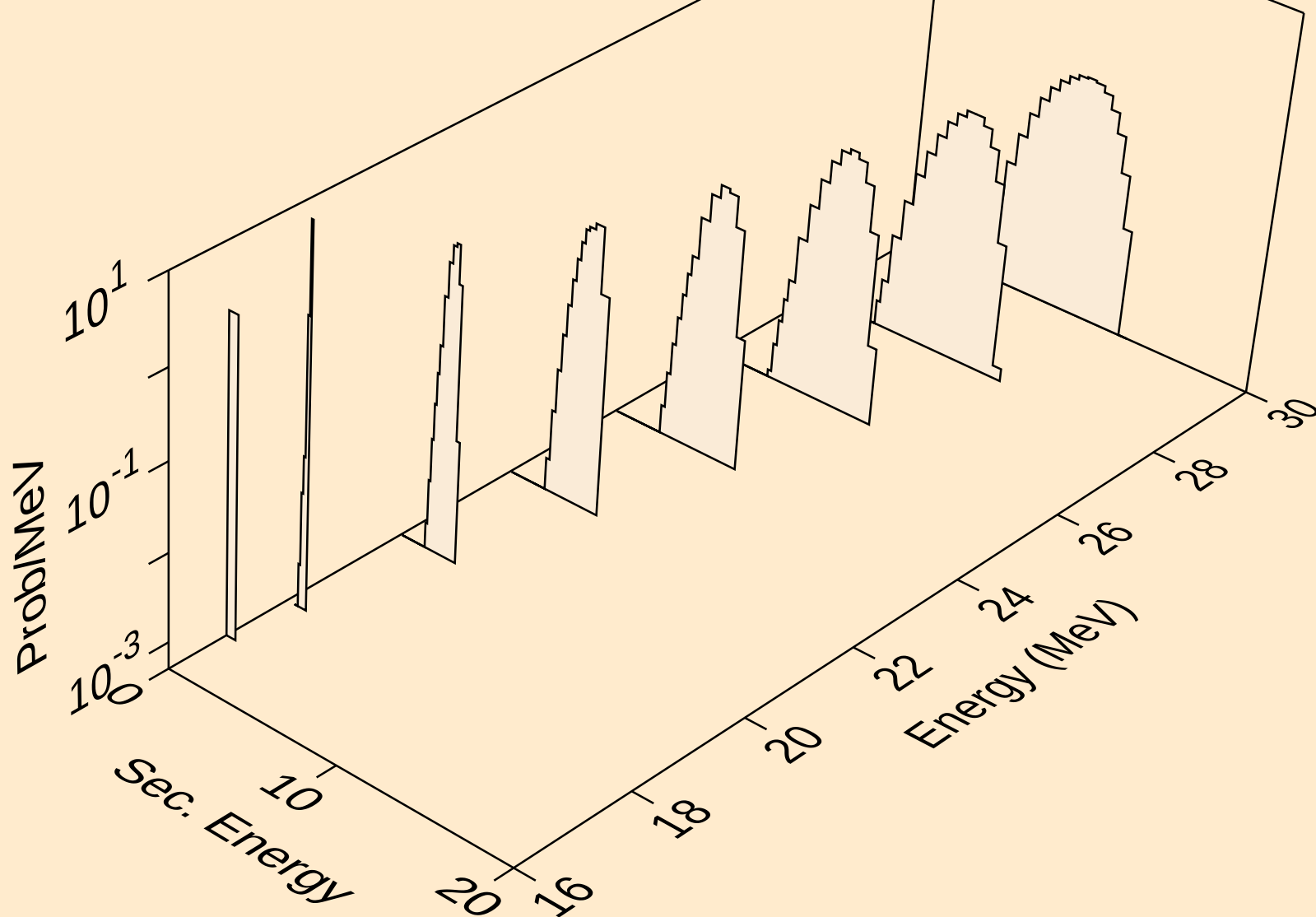
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protons from (a,x)



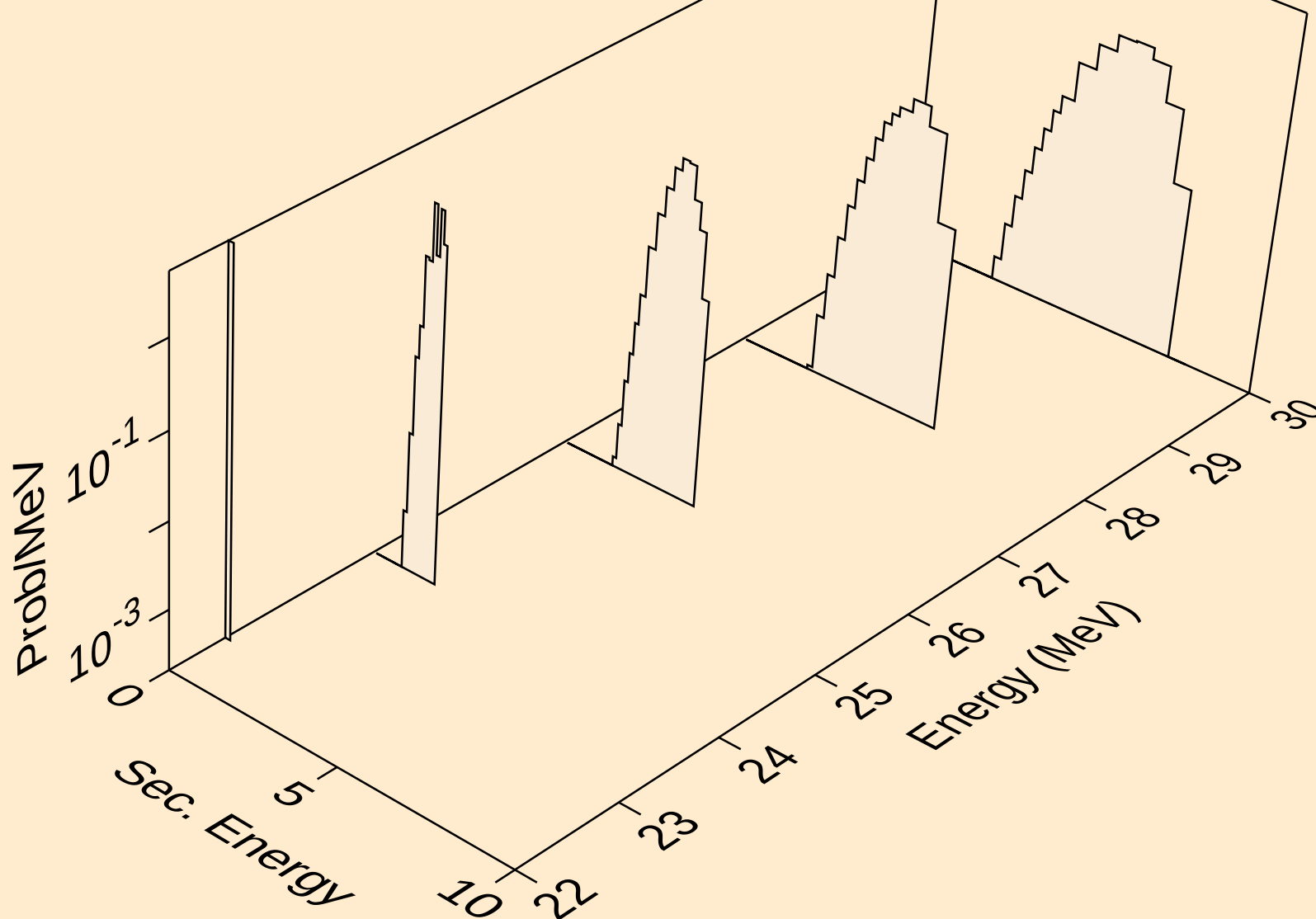
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protons from (a,n*)p



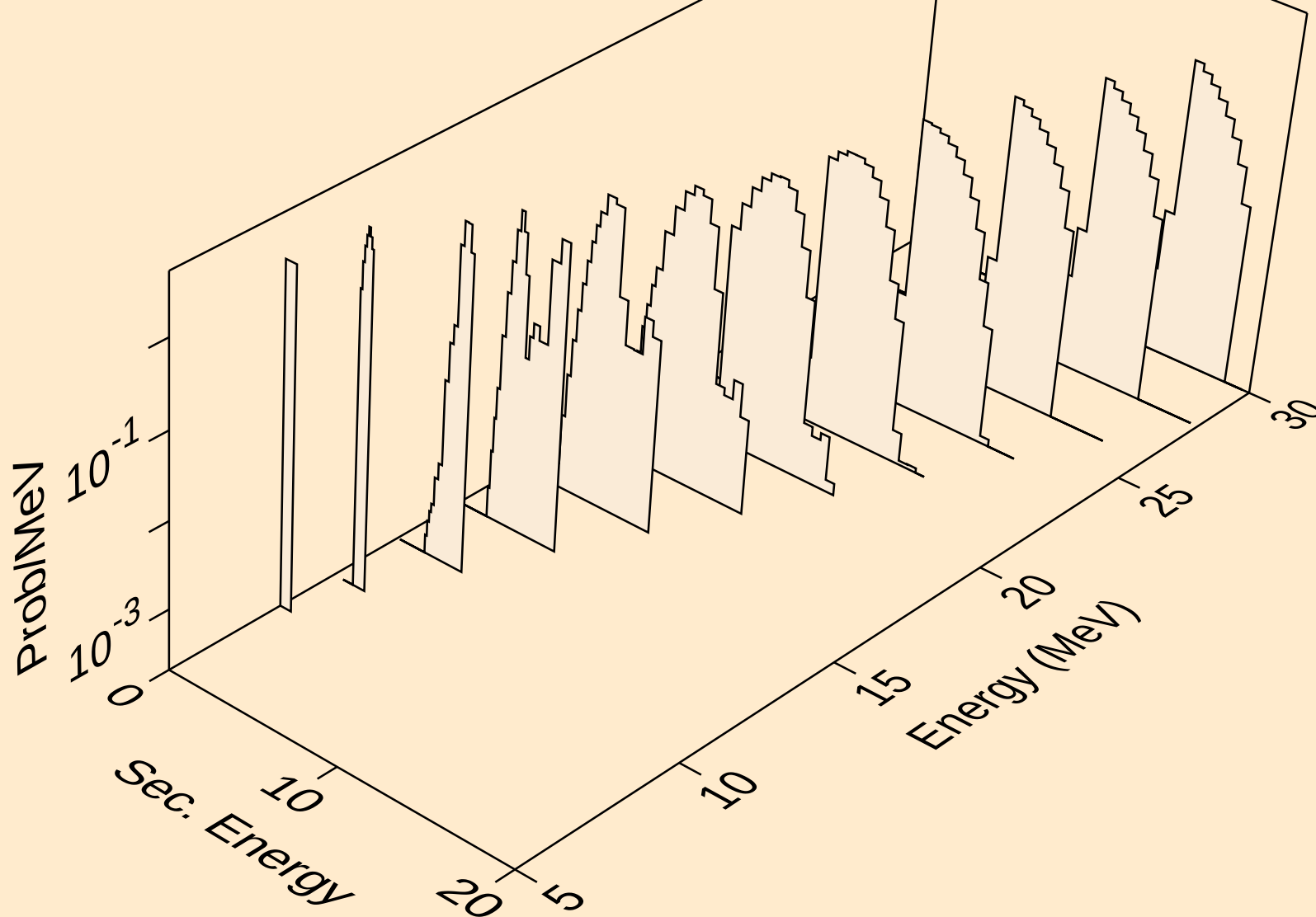
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protons from (a,2np)



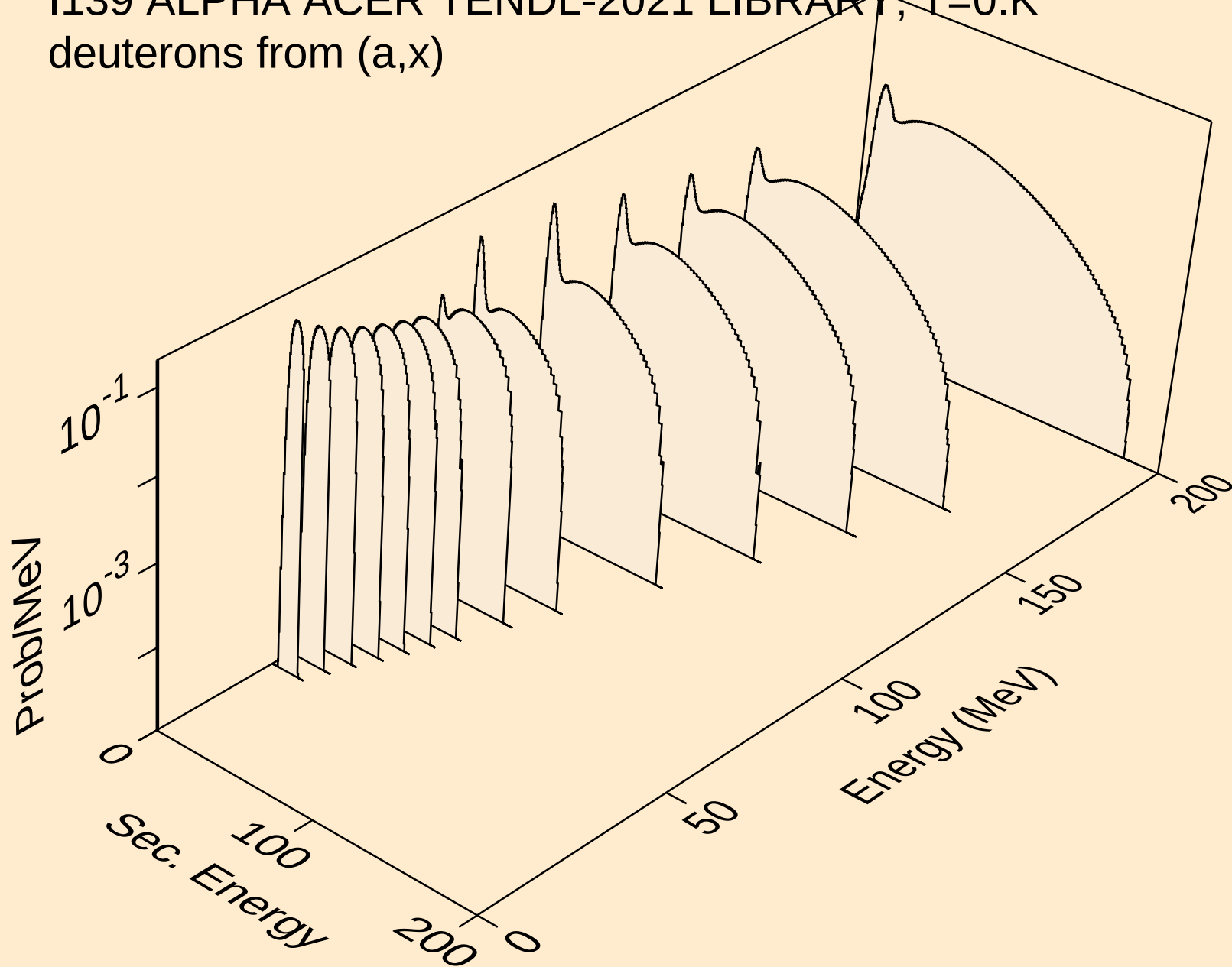
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protons from (a,3np)



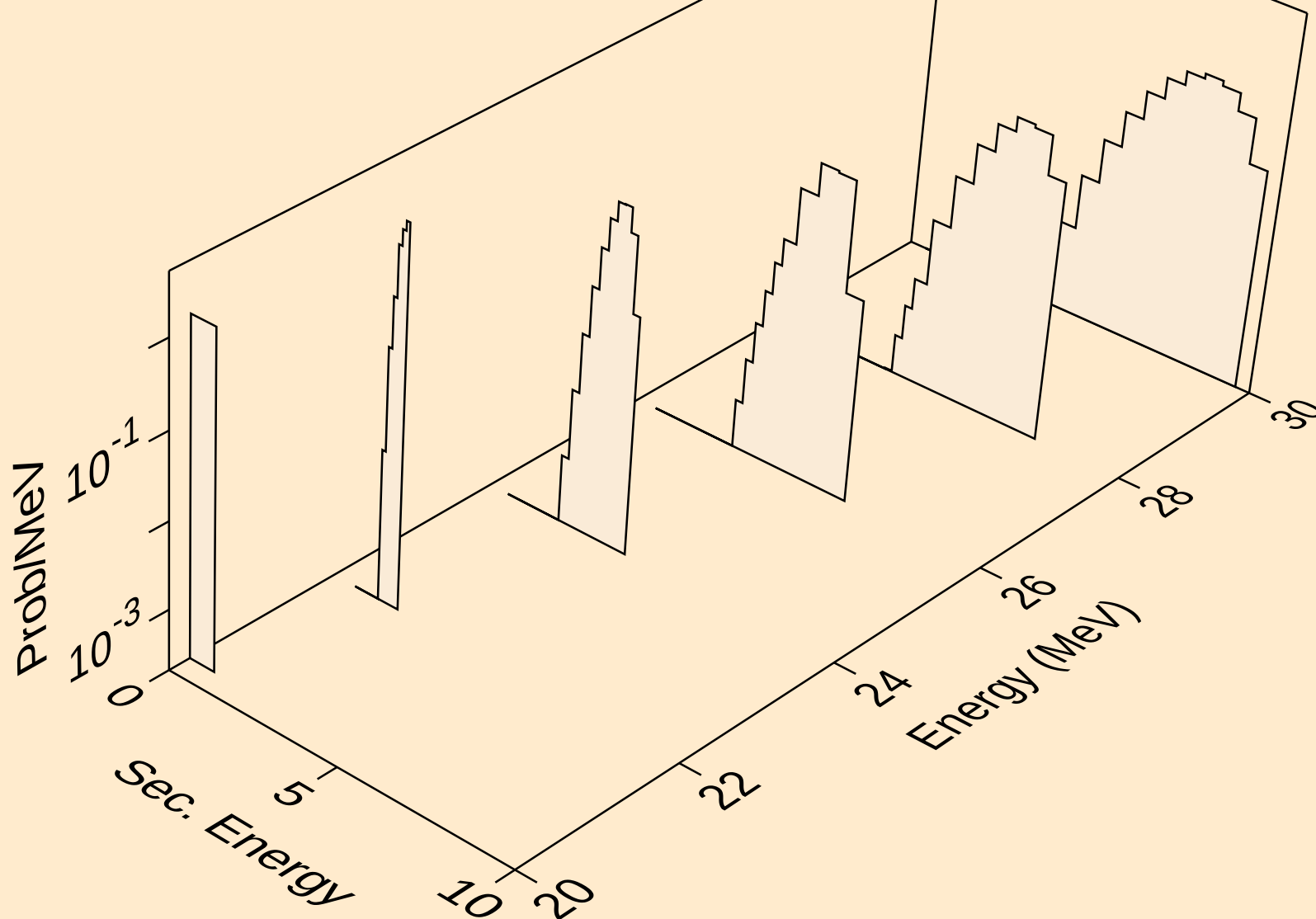
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protons from (a,p)



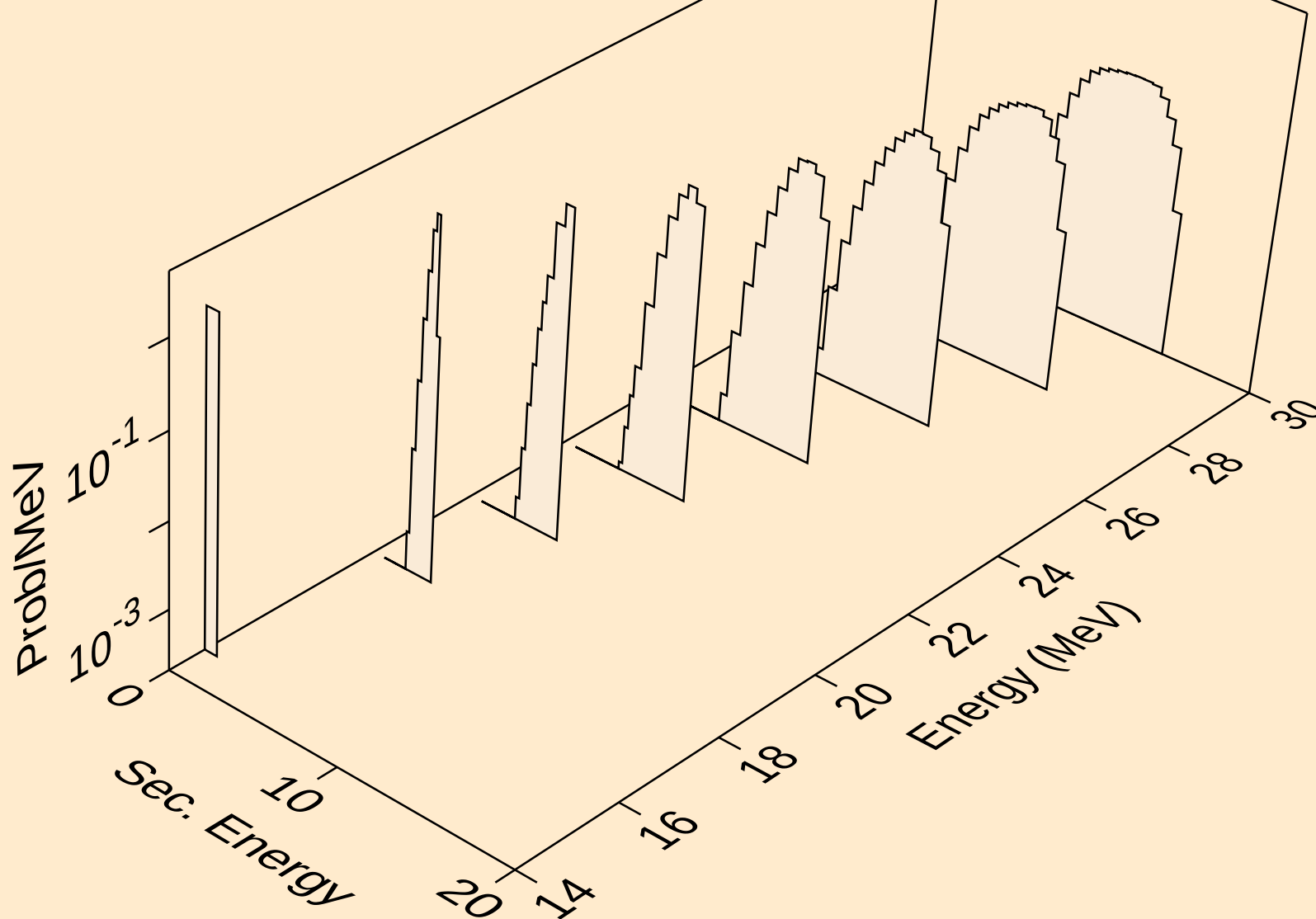
I139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
deuterons from (a,x)



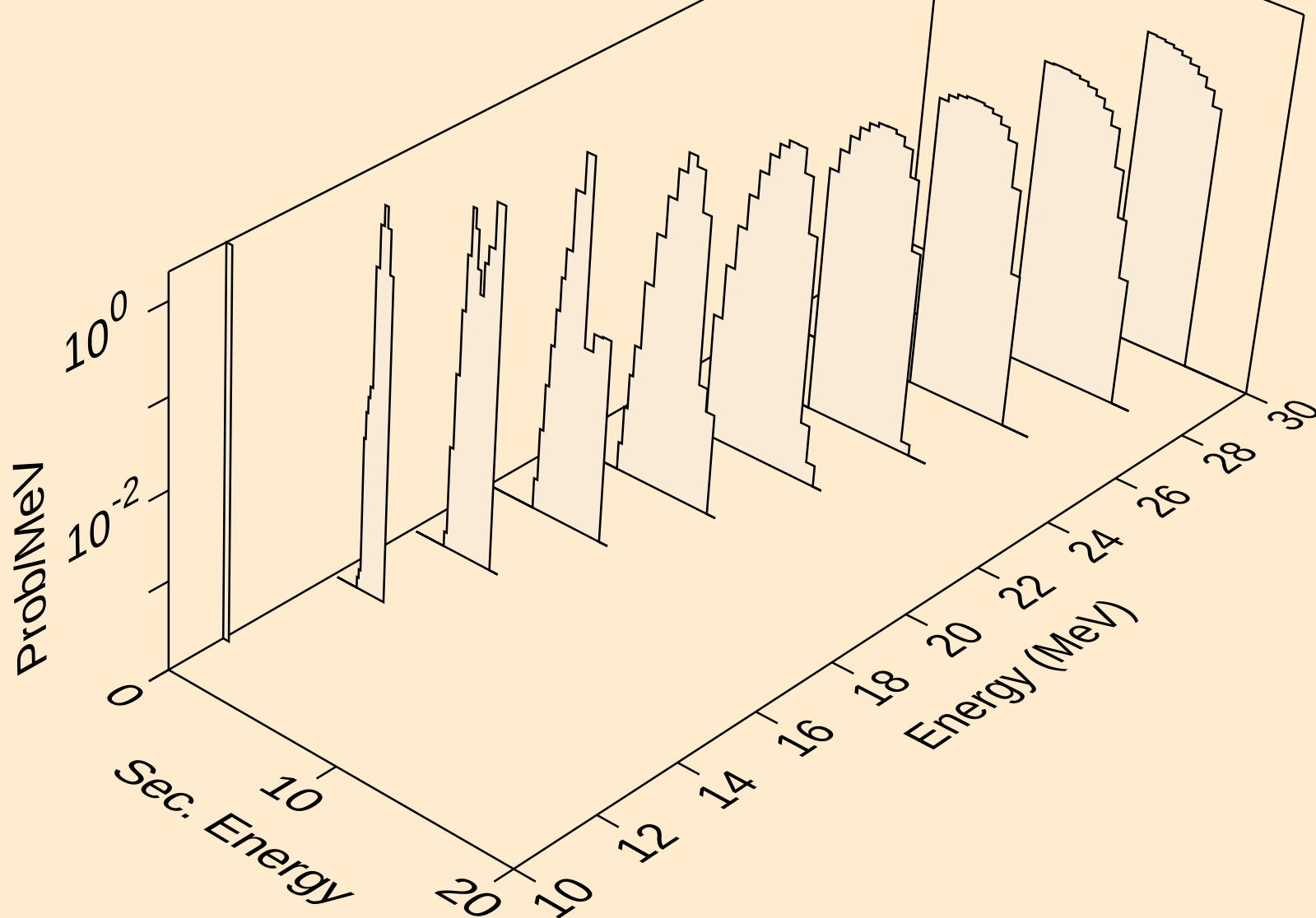
I139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
deuterons from (a,2nd)



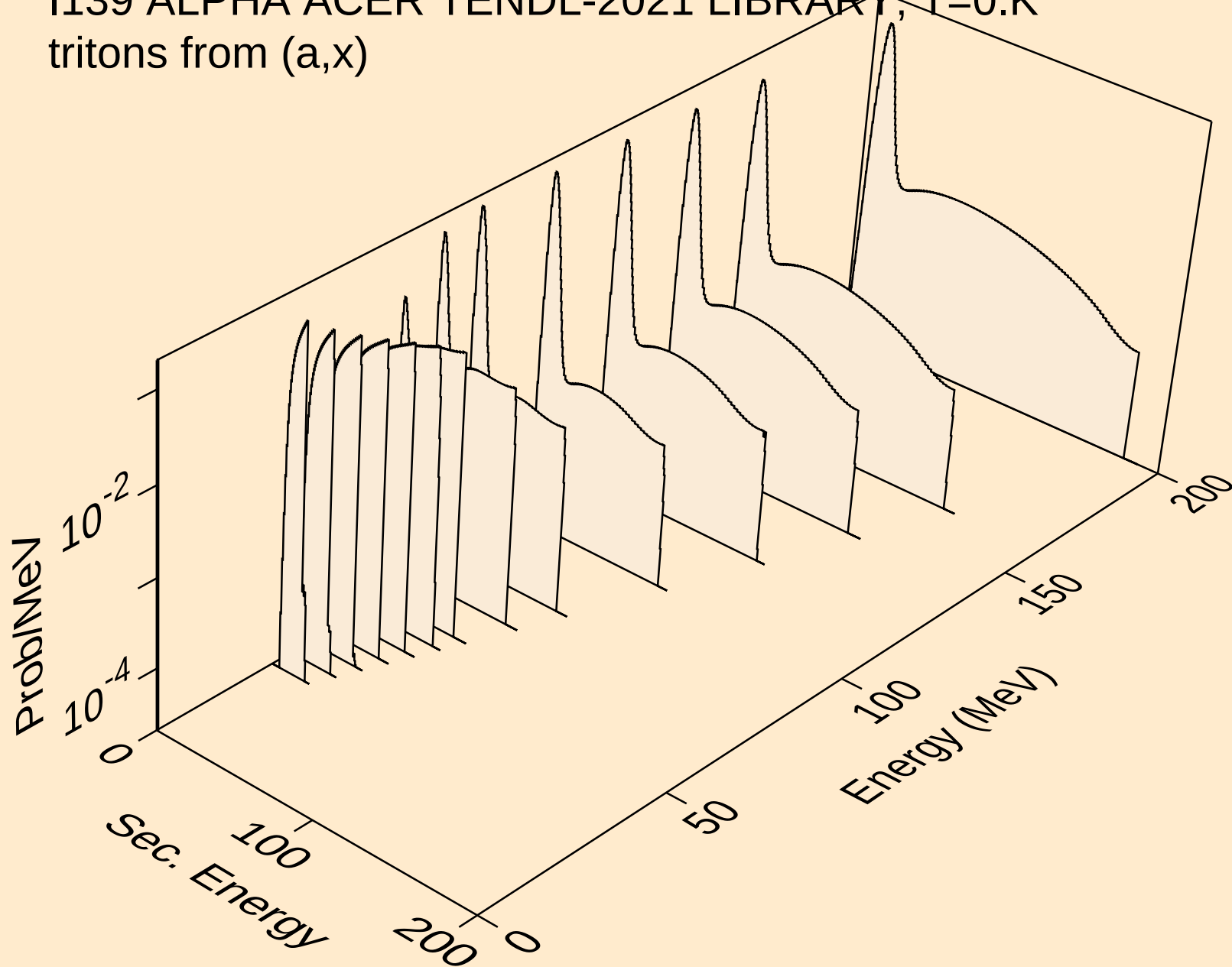
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deuterons from (a,n*)d



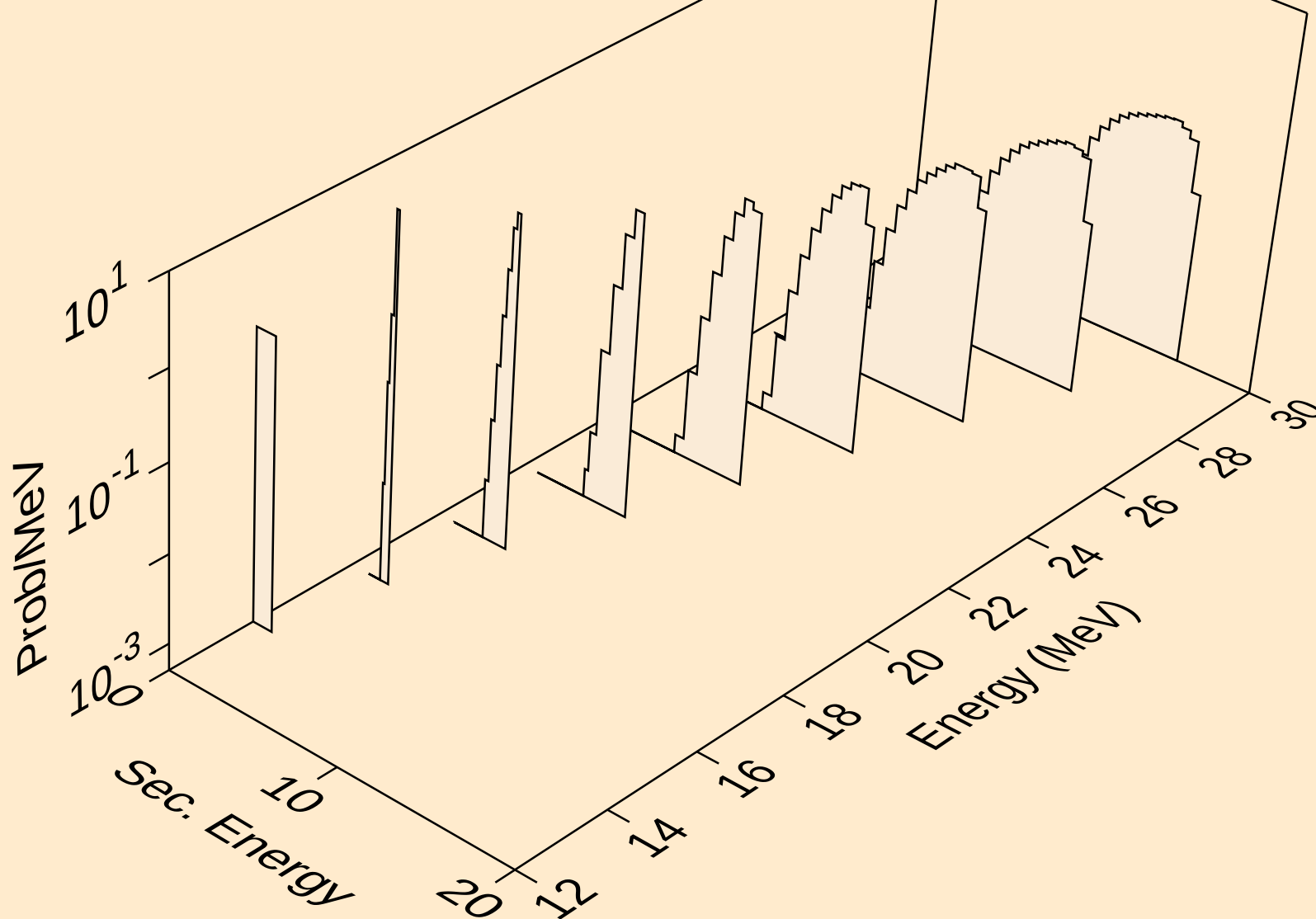
I139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
deuterons from (a,d)



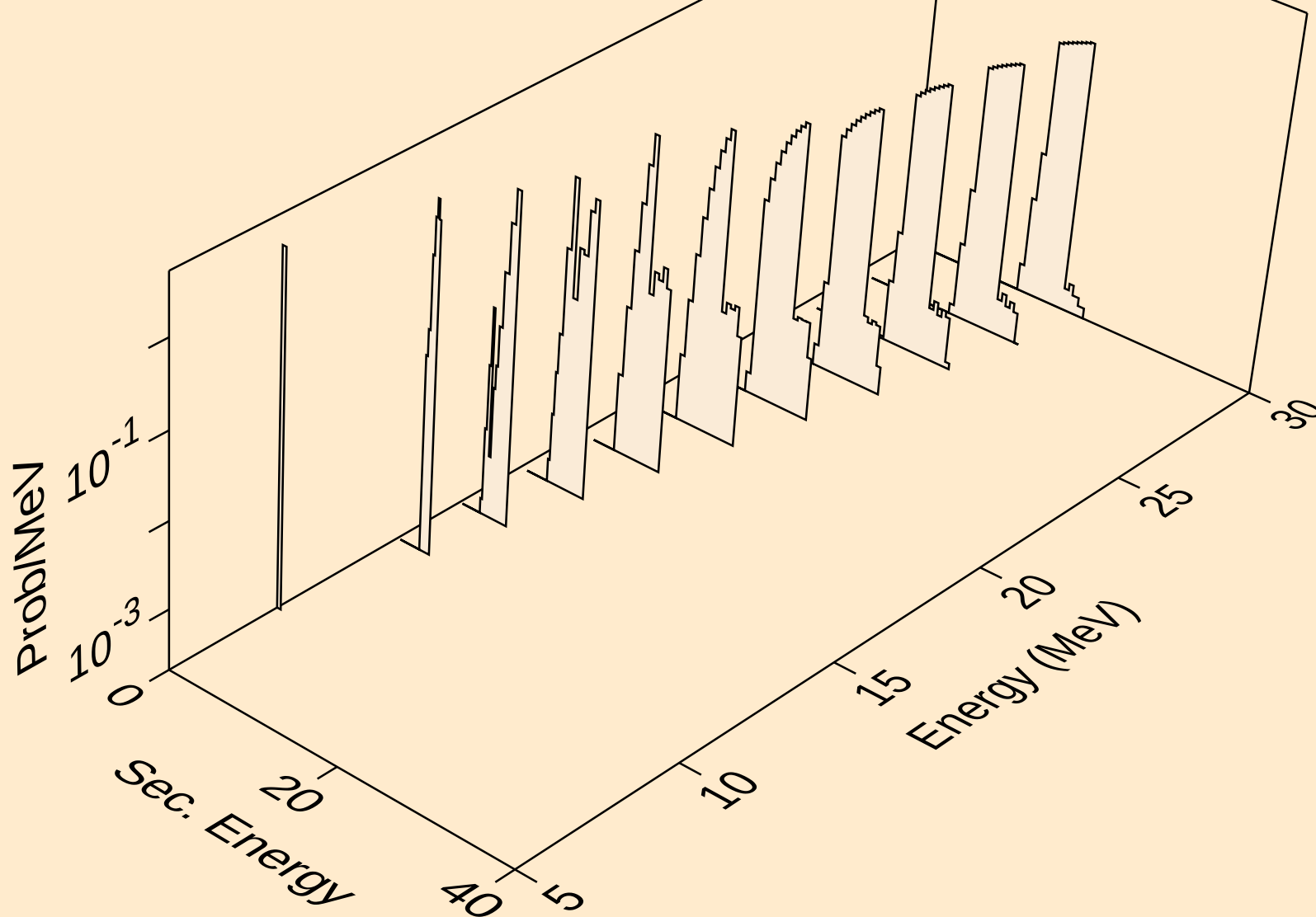
I139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
tritons from (a,x)



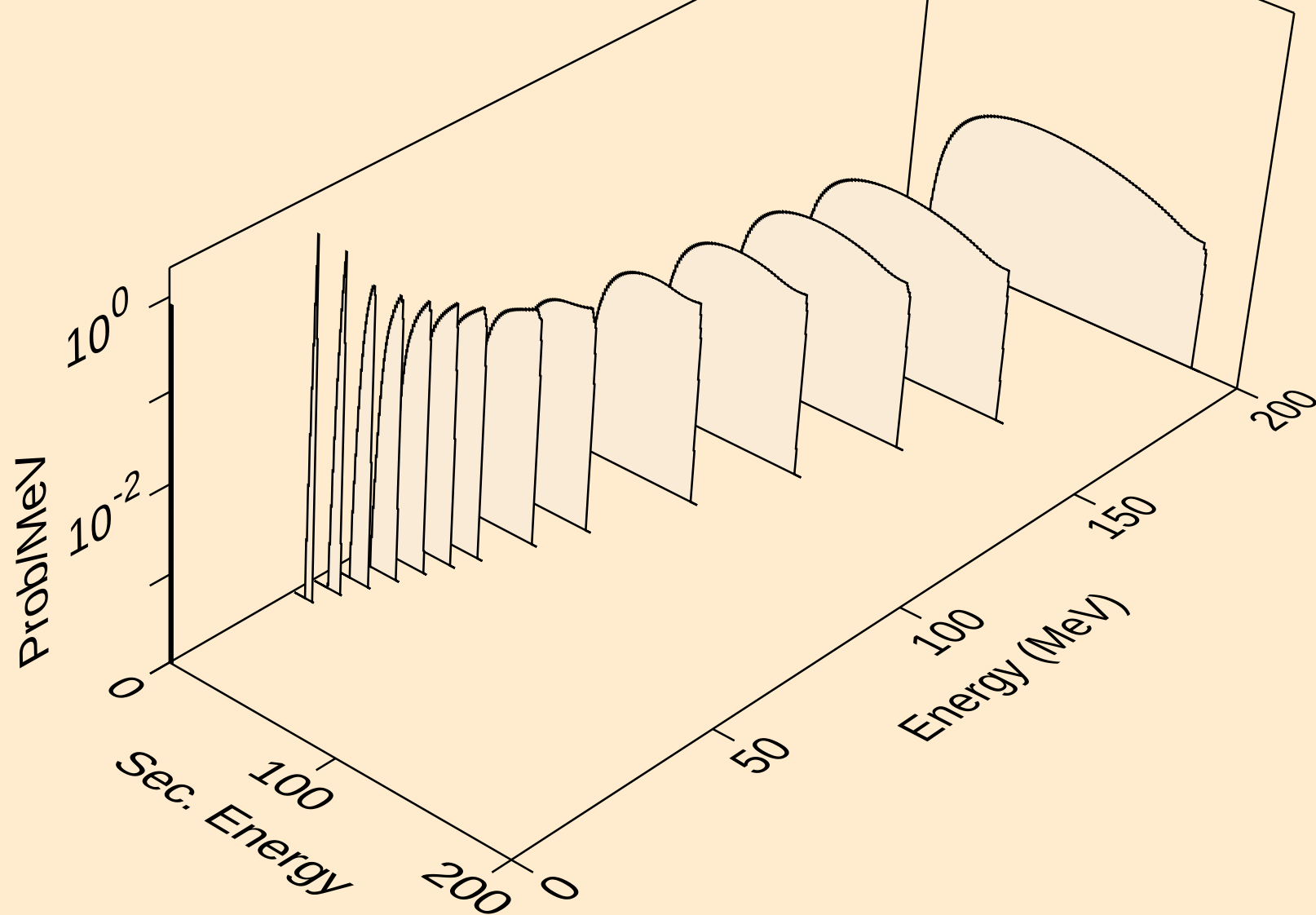
I139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
tritons from (a,n*)t



I139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
tritons from (a,t)



I139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
he3s from (a,x)



I139 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
he3s from (a,he3)

