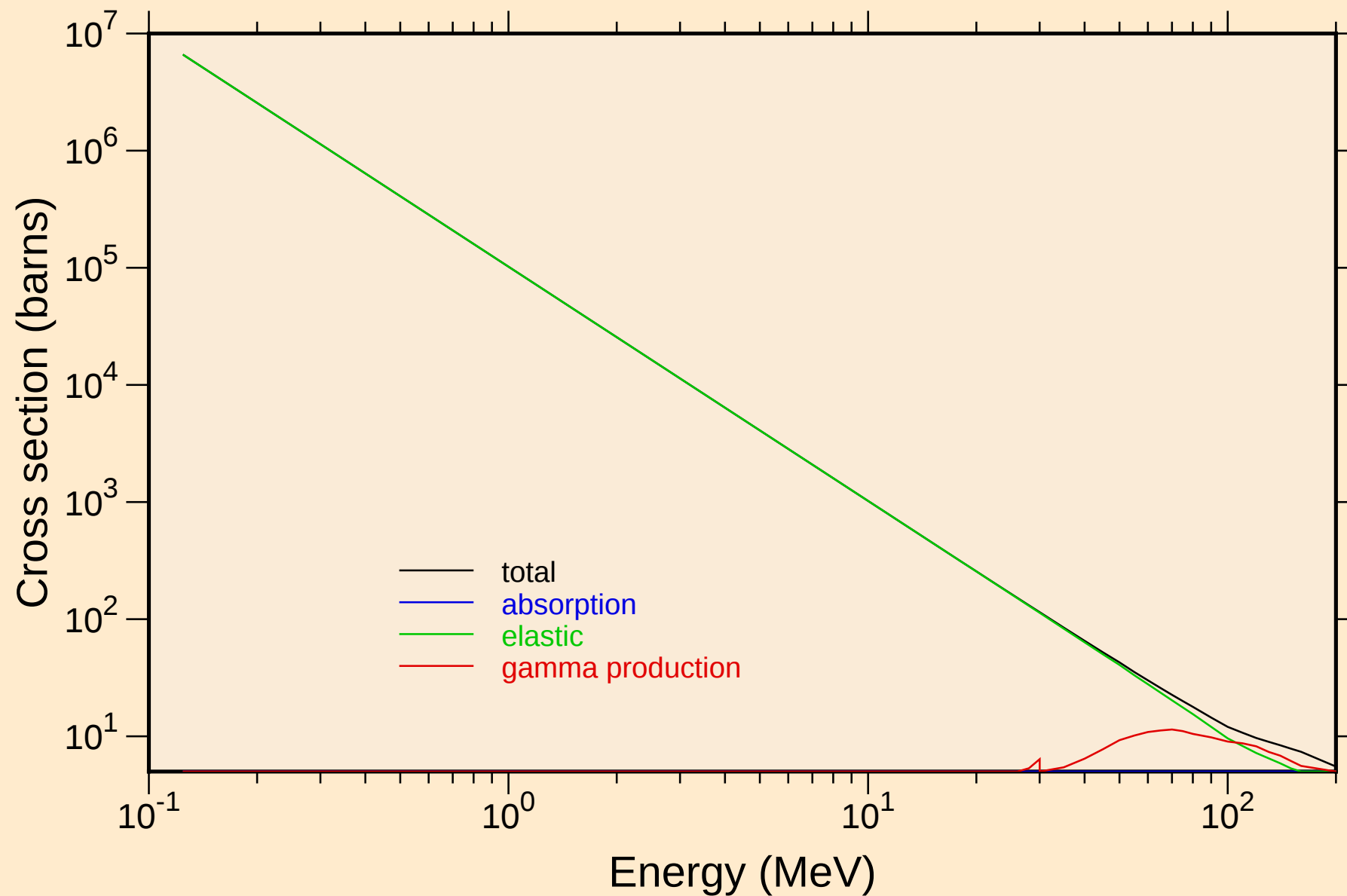


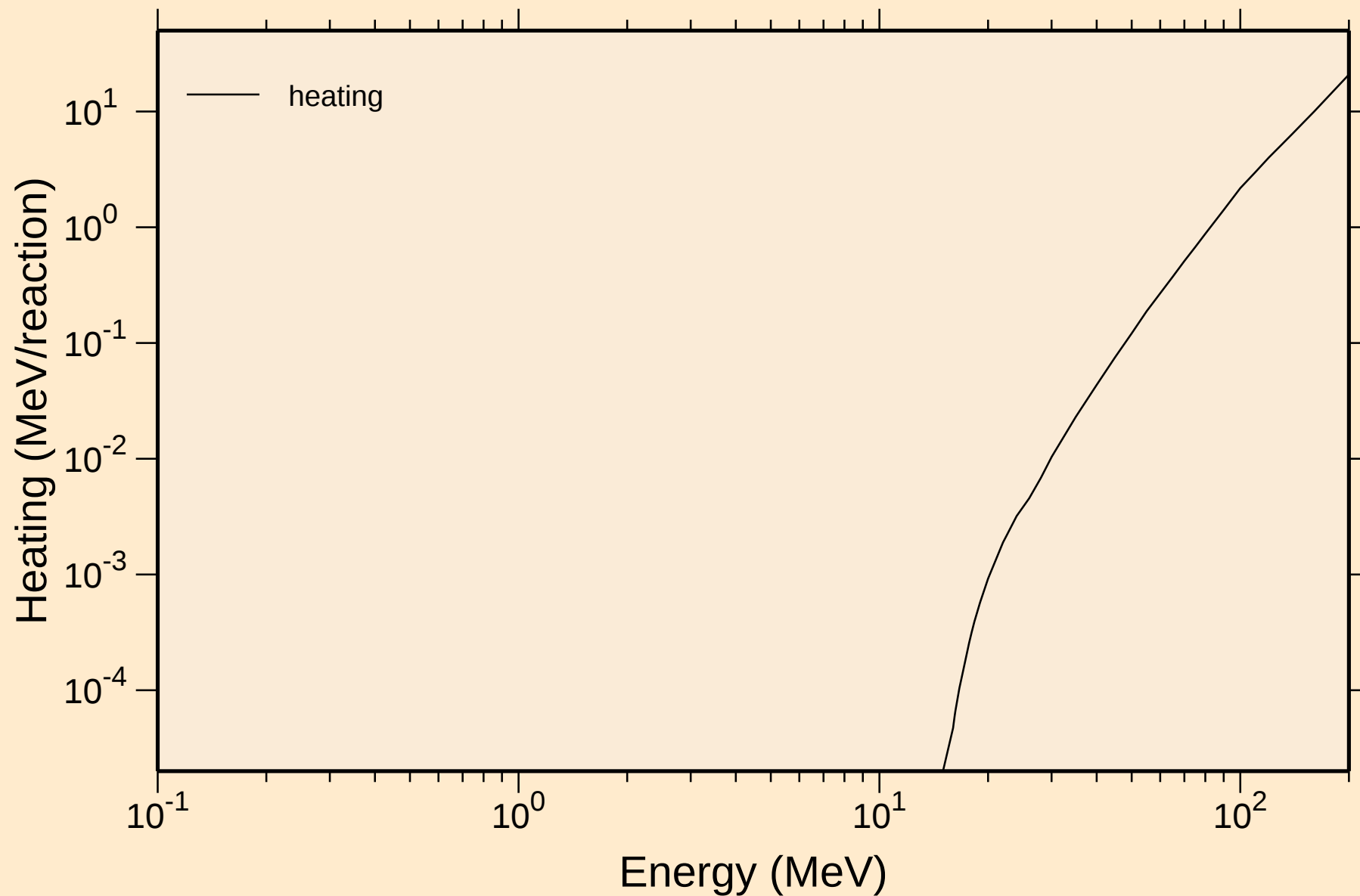
EU163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



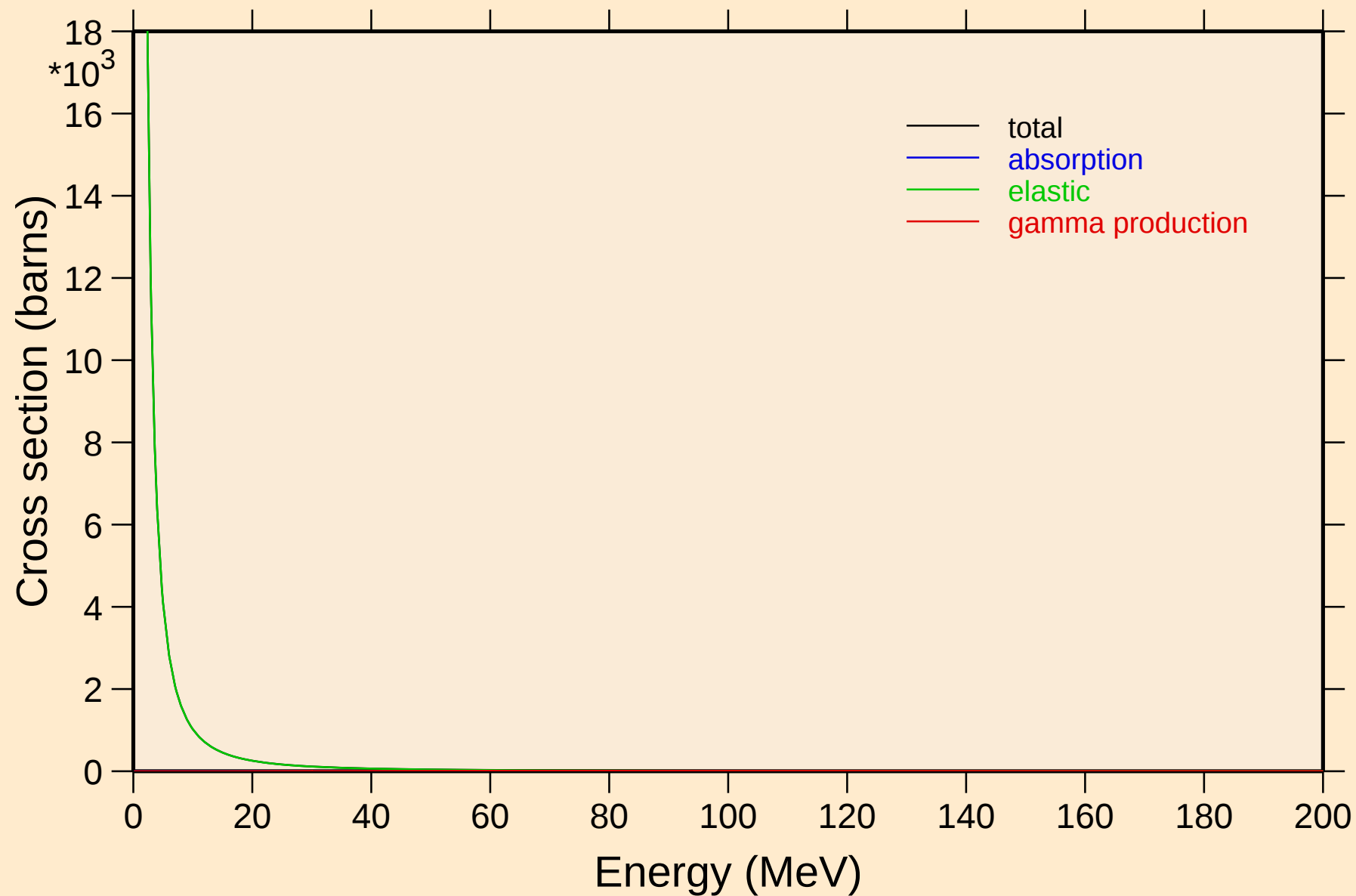
EU163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating



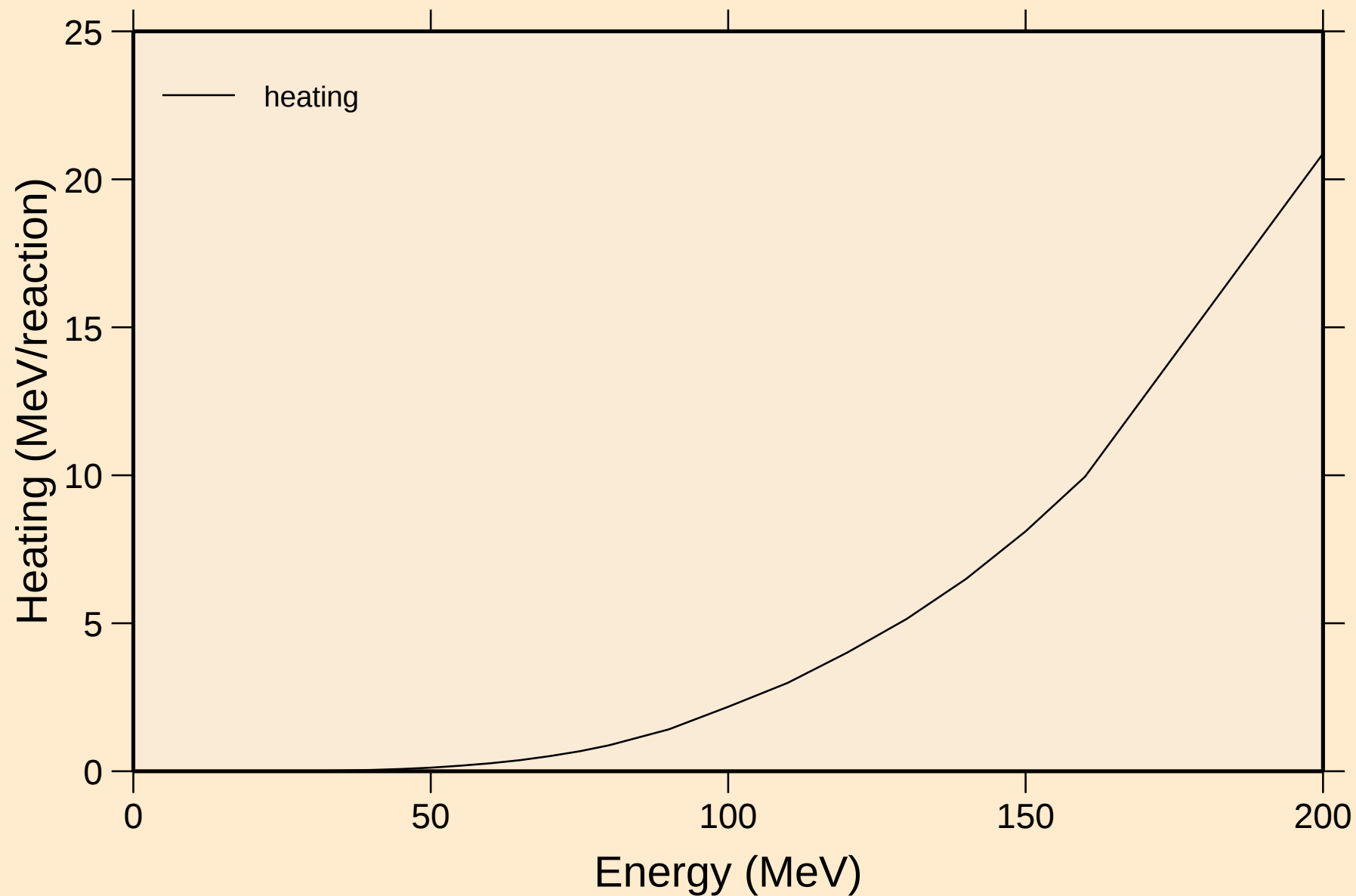
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Principal cross sections



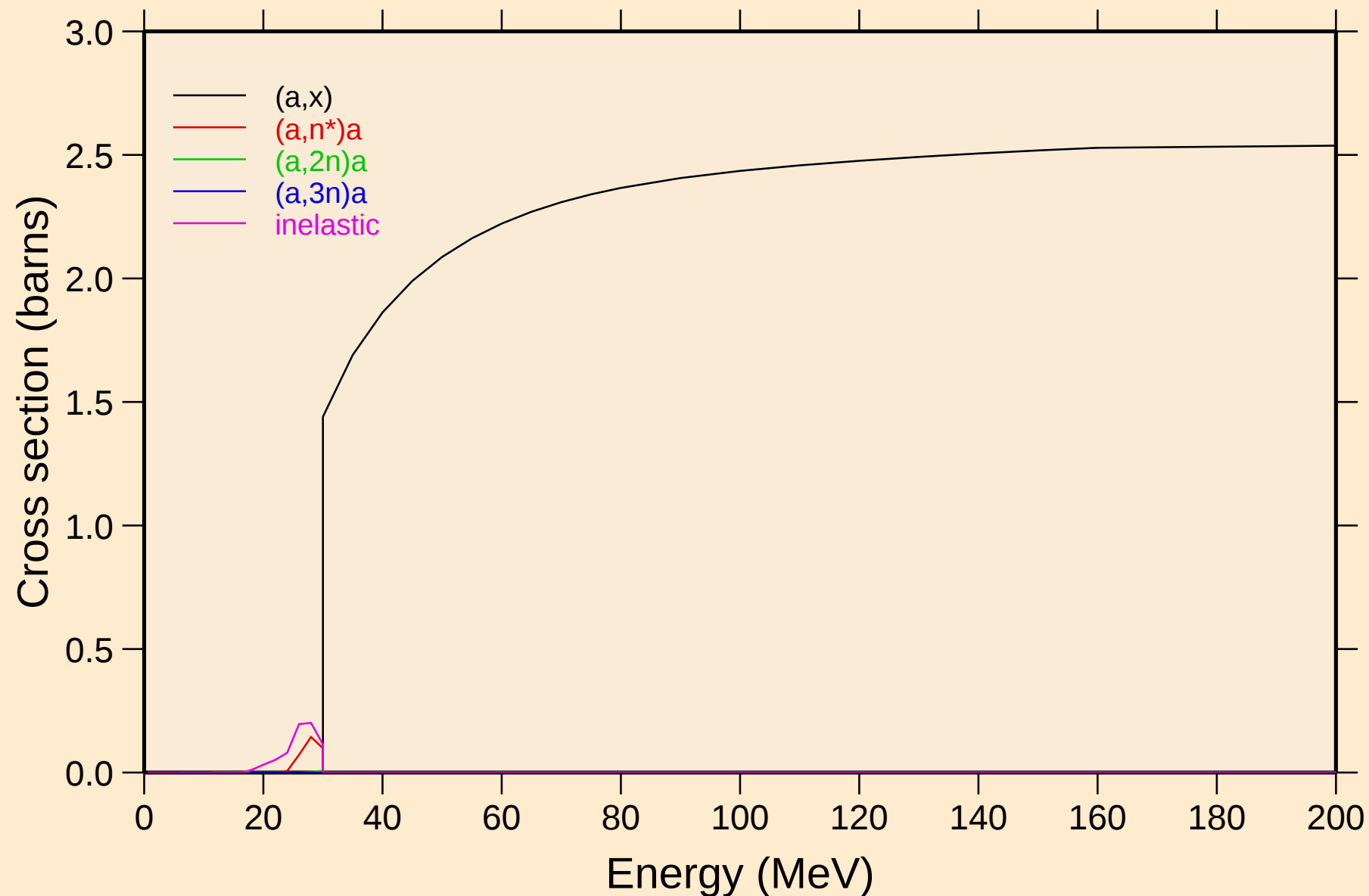
EU163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating

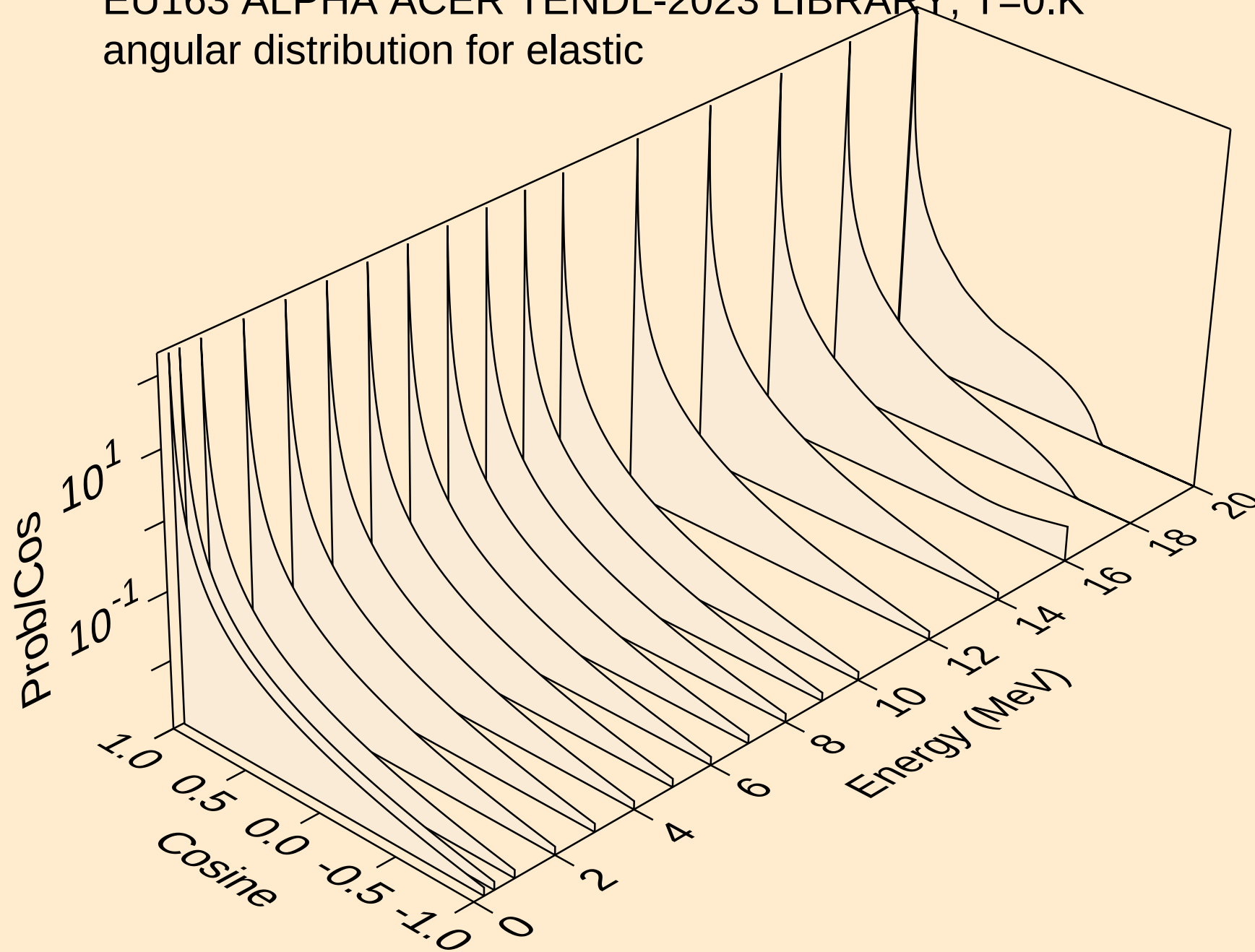


EU163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

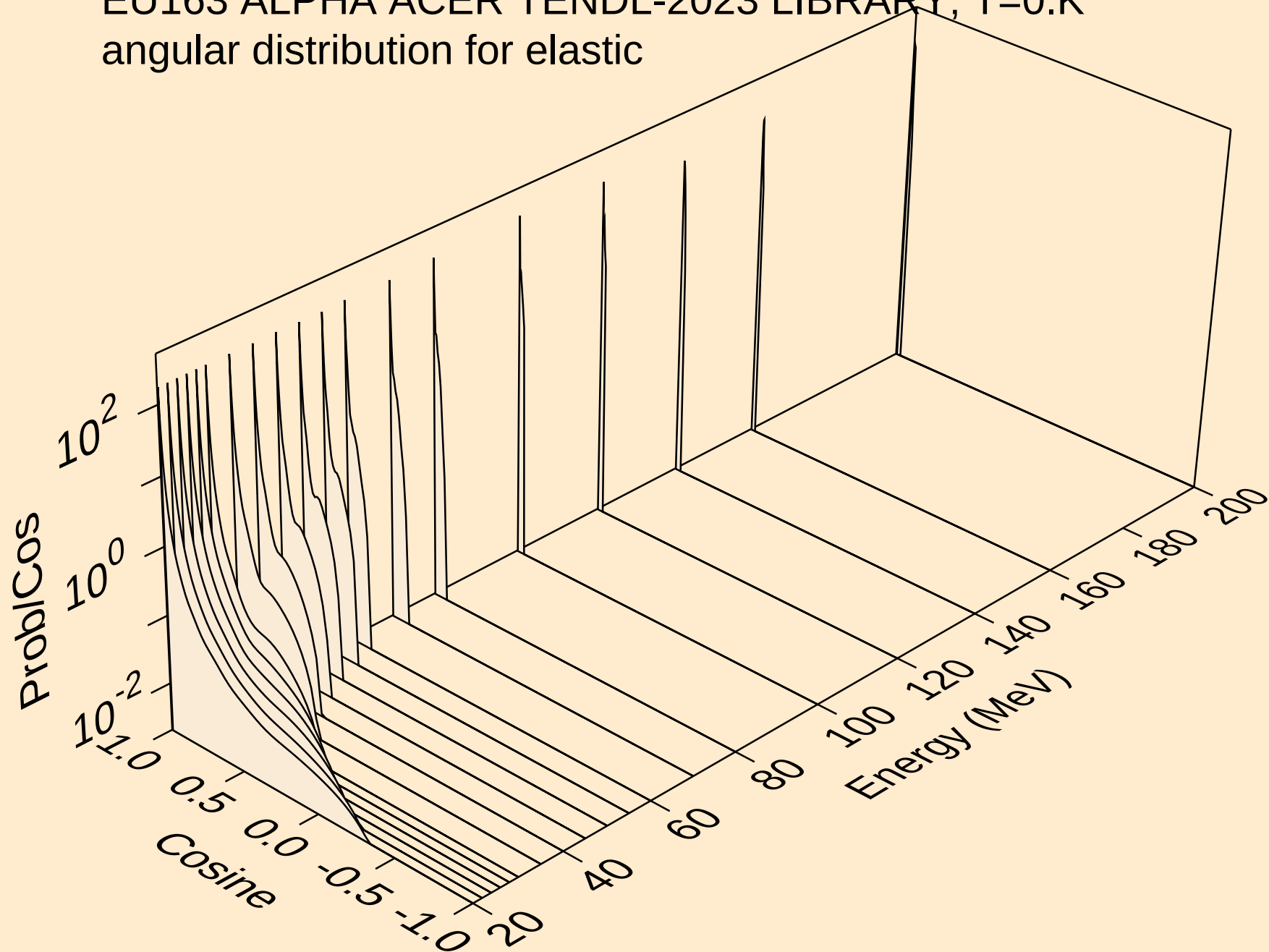
Threshold reactions



EU163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic

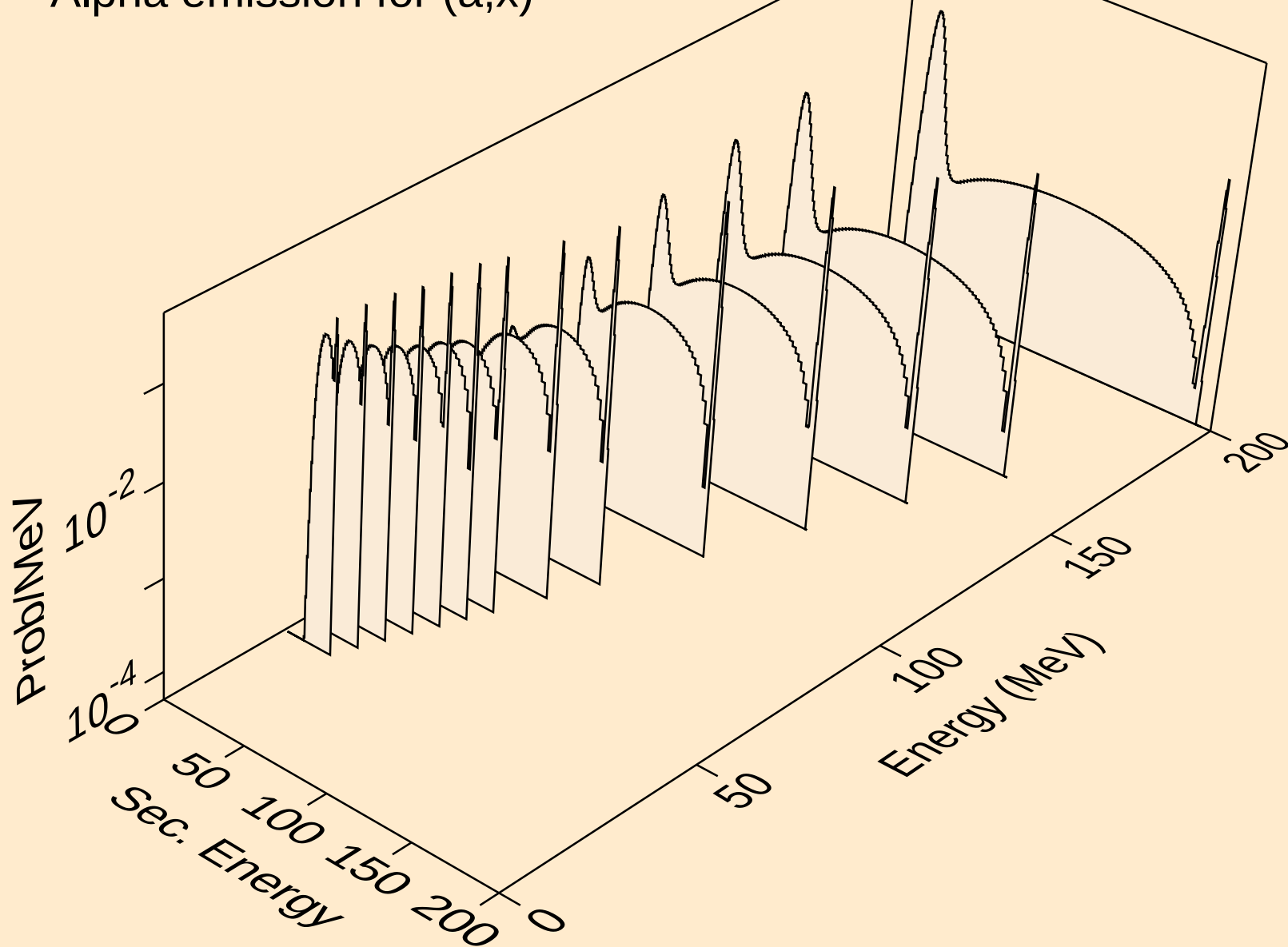


EU163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



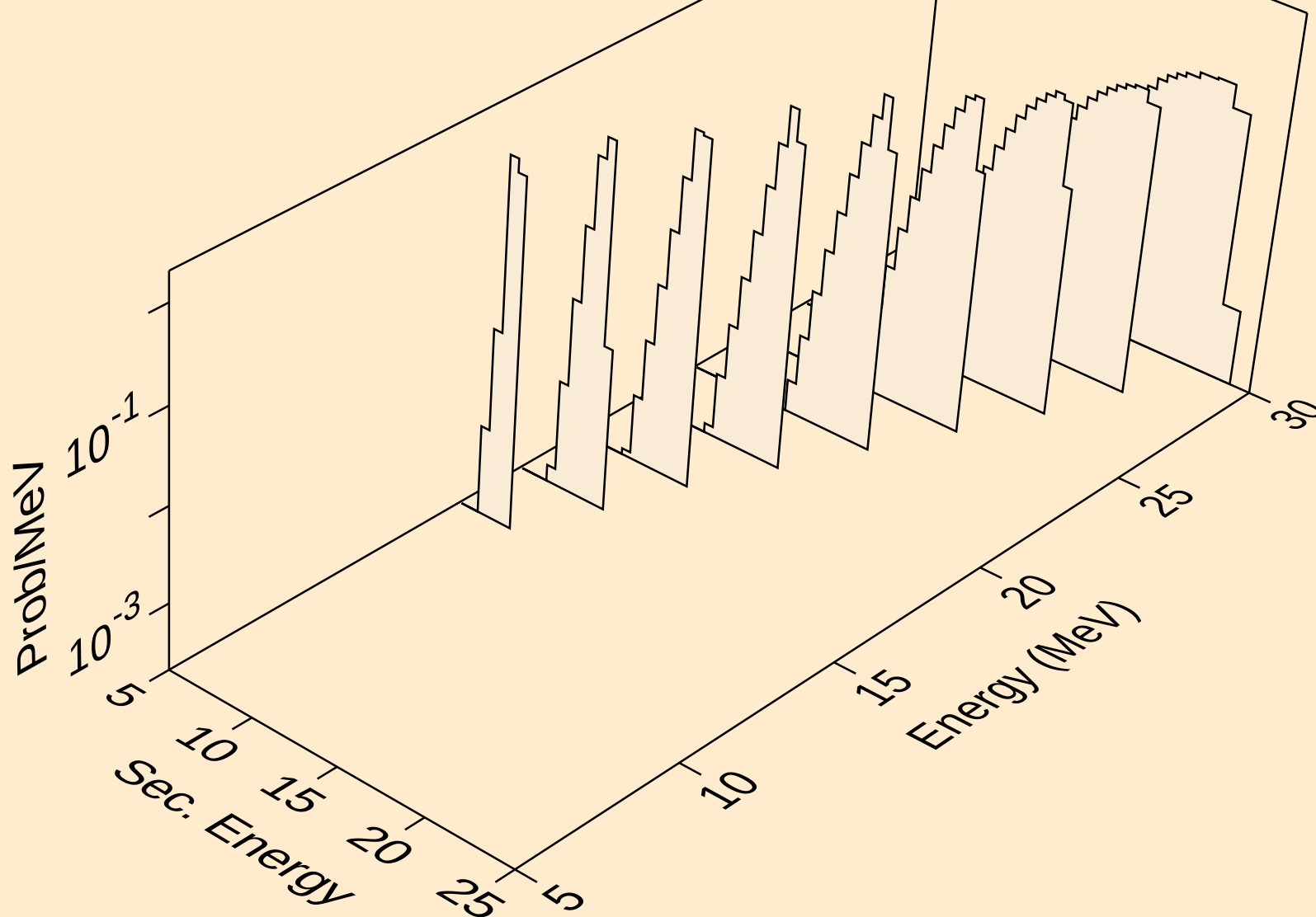
EU163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,x)



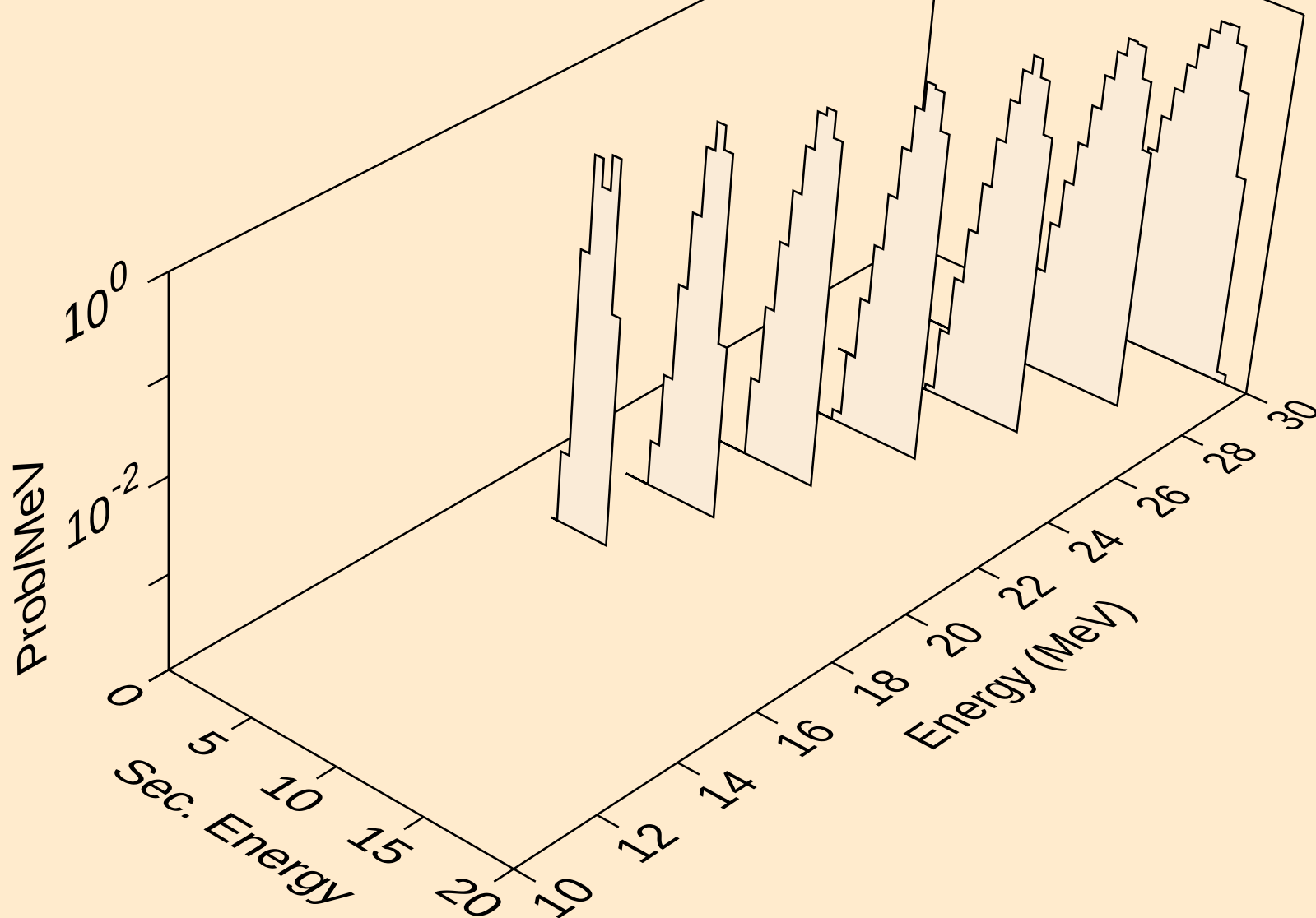
EU163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,n*)a



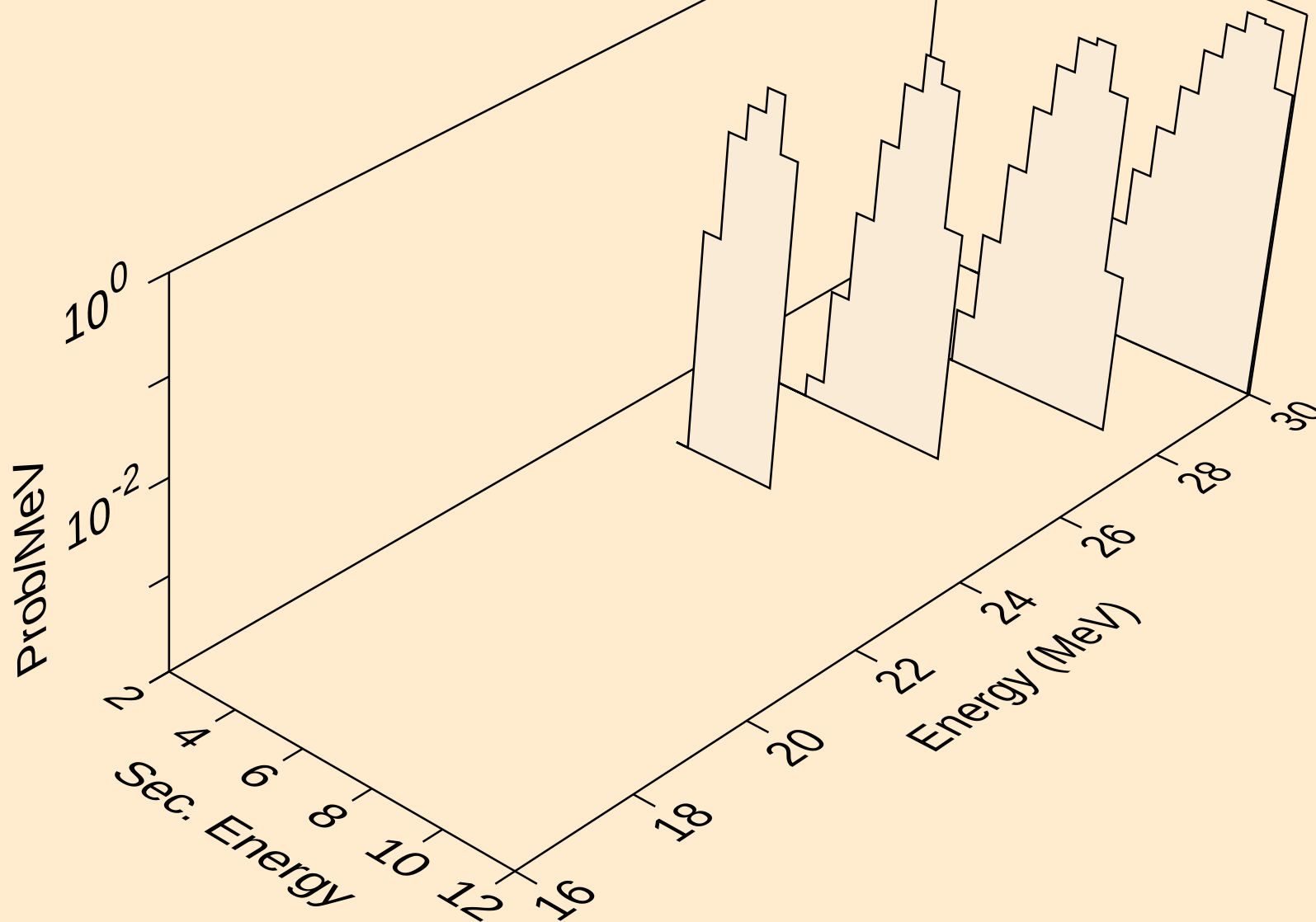
EU163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,2n)a



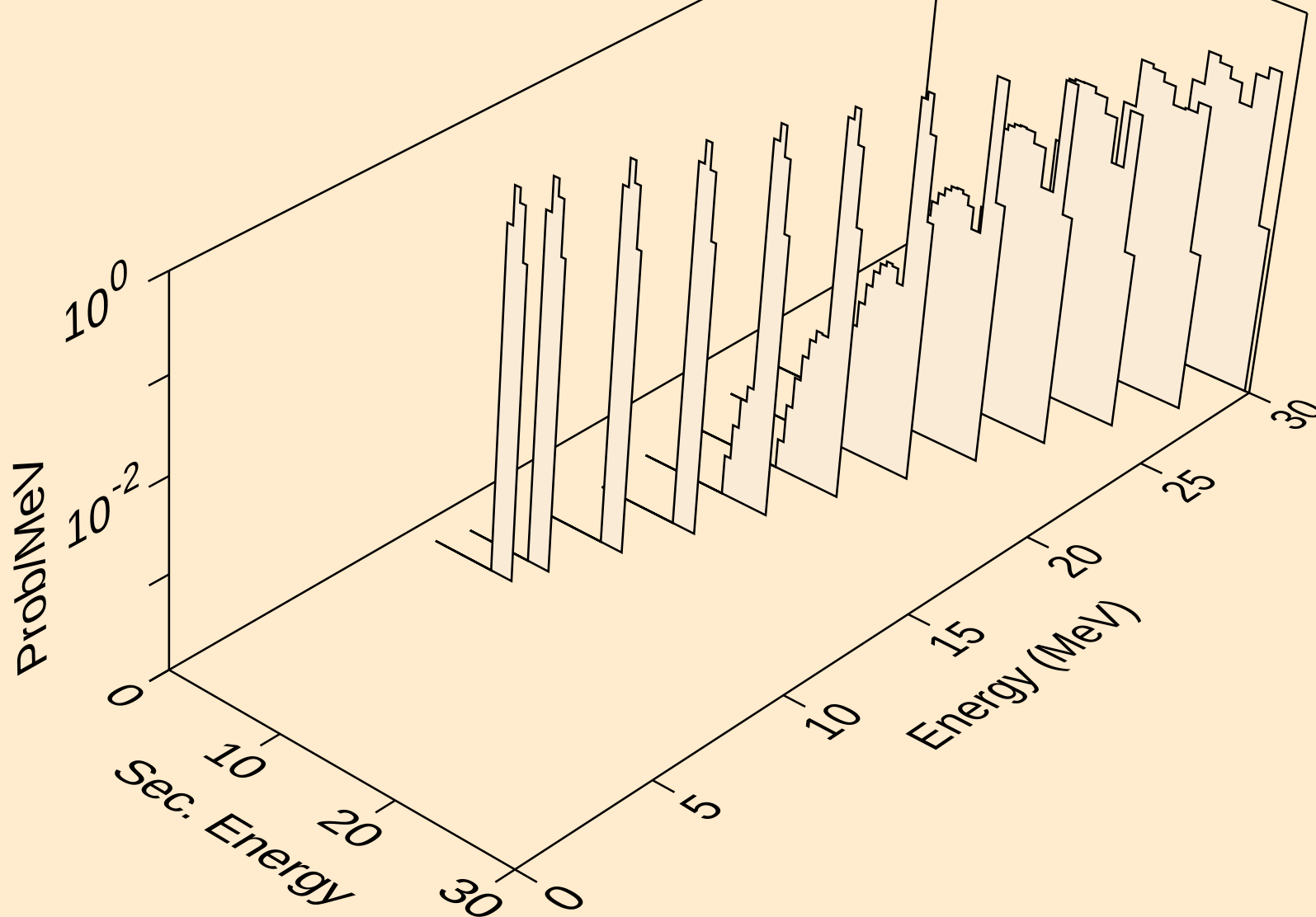
EU163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,3n)a

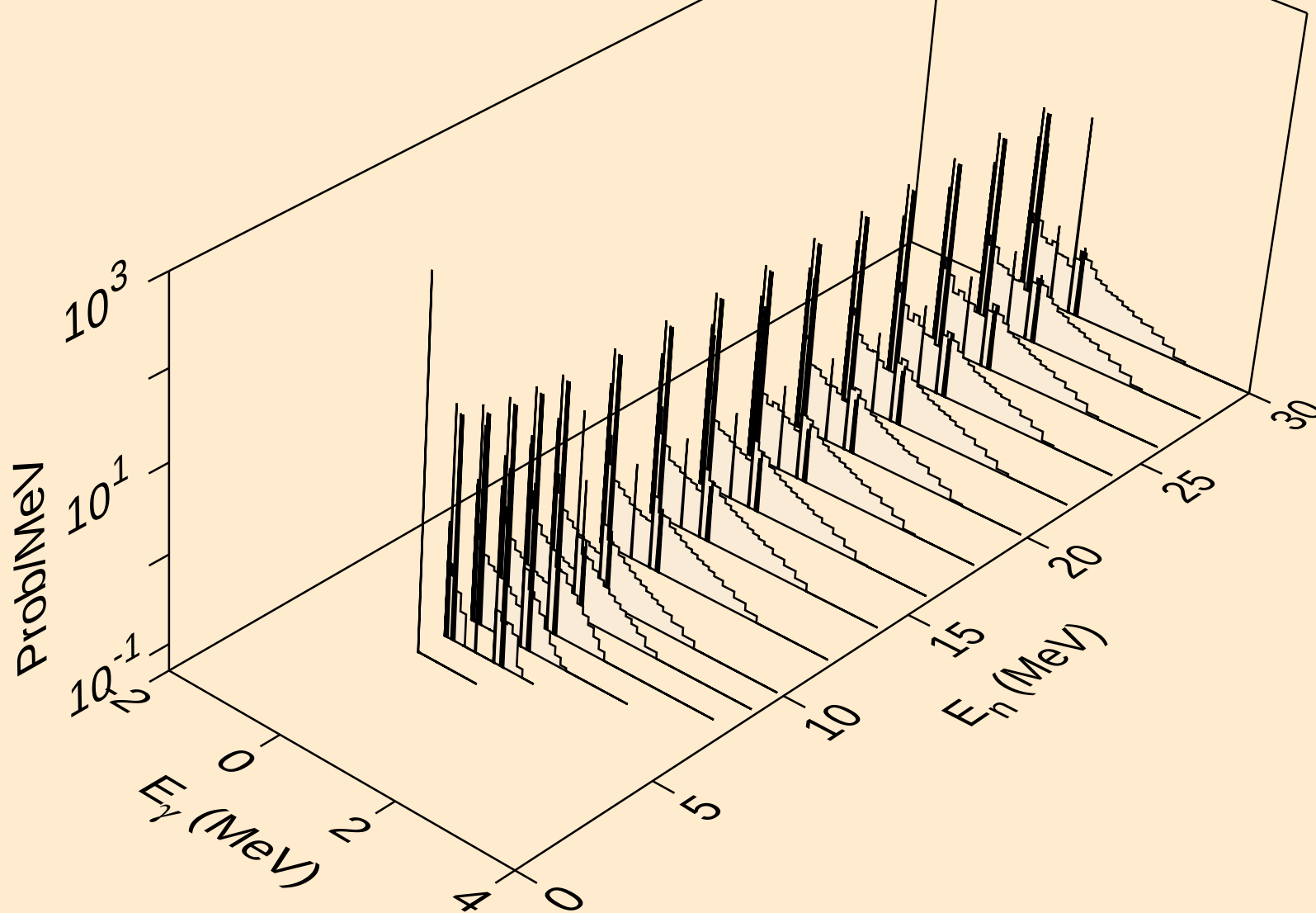


EU163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for inelastic

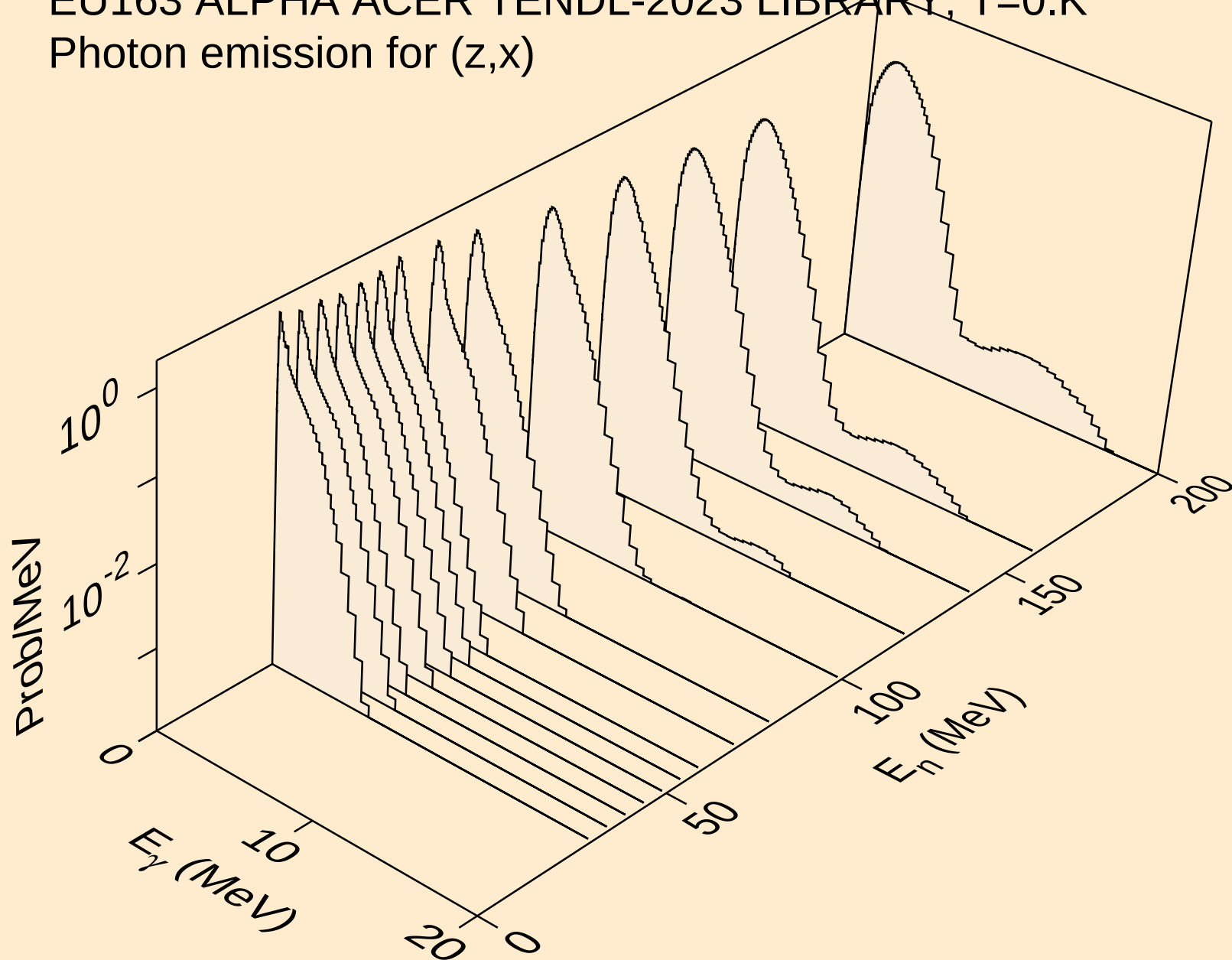


EU163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (z,n)

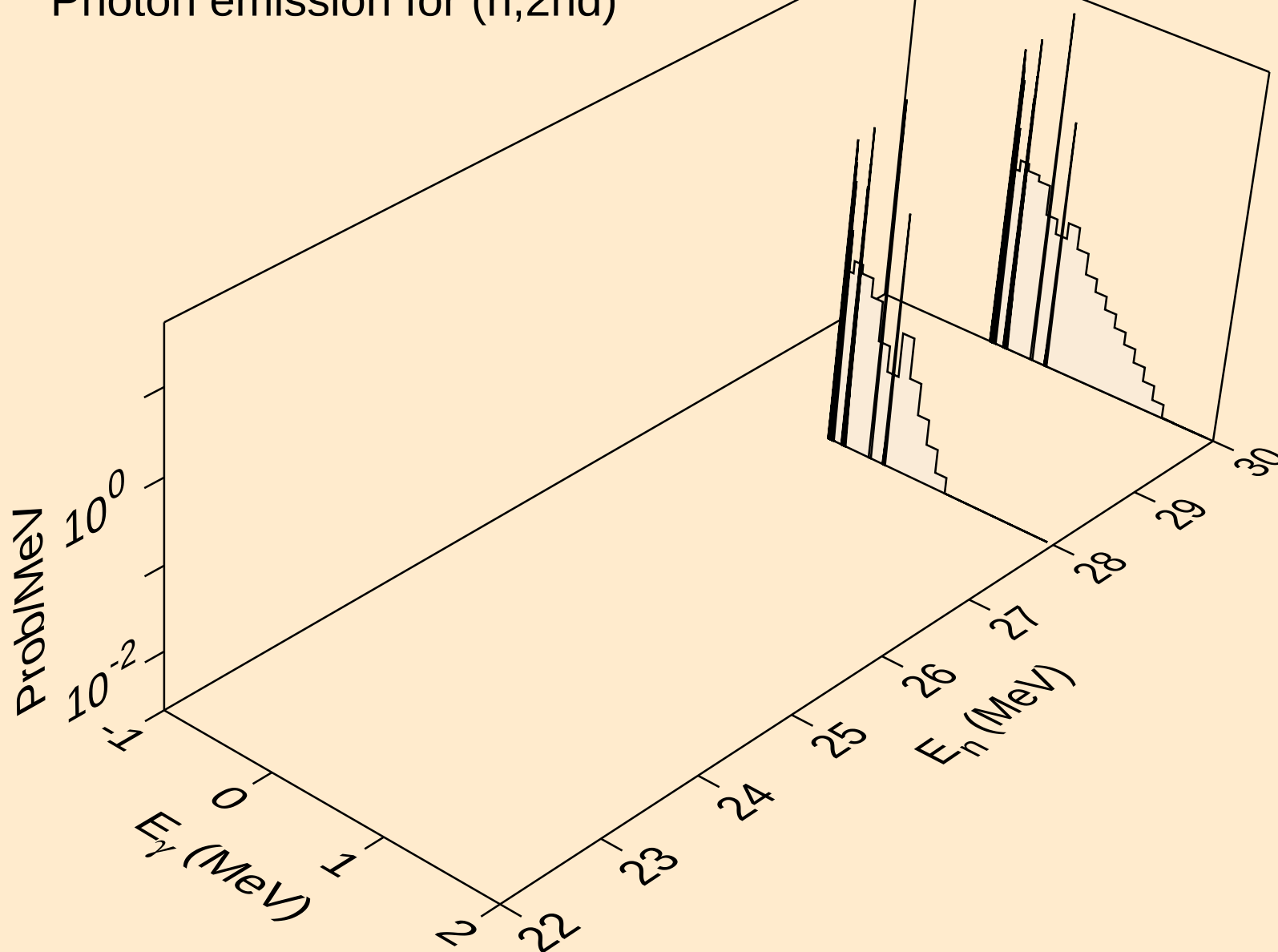


EU163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

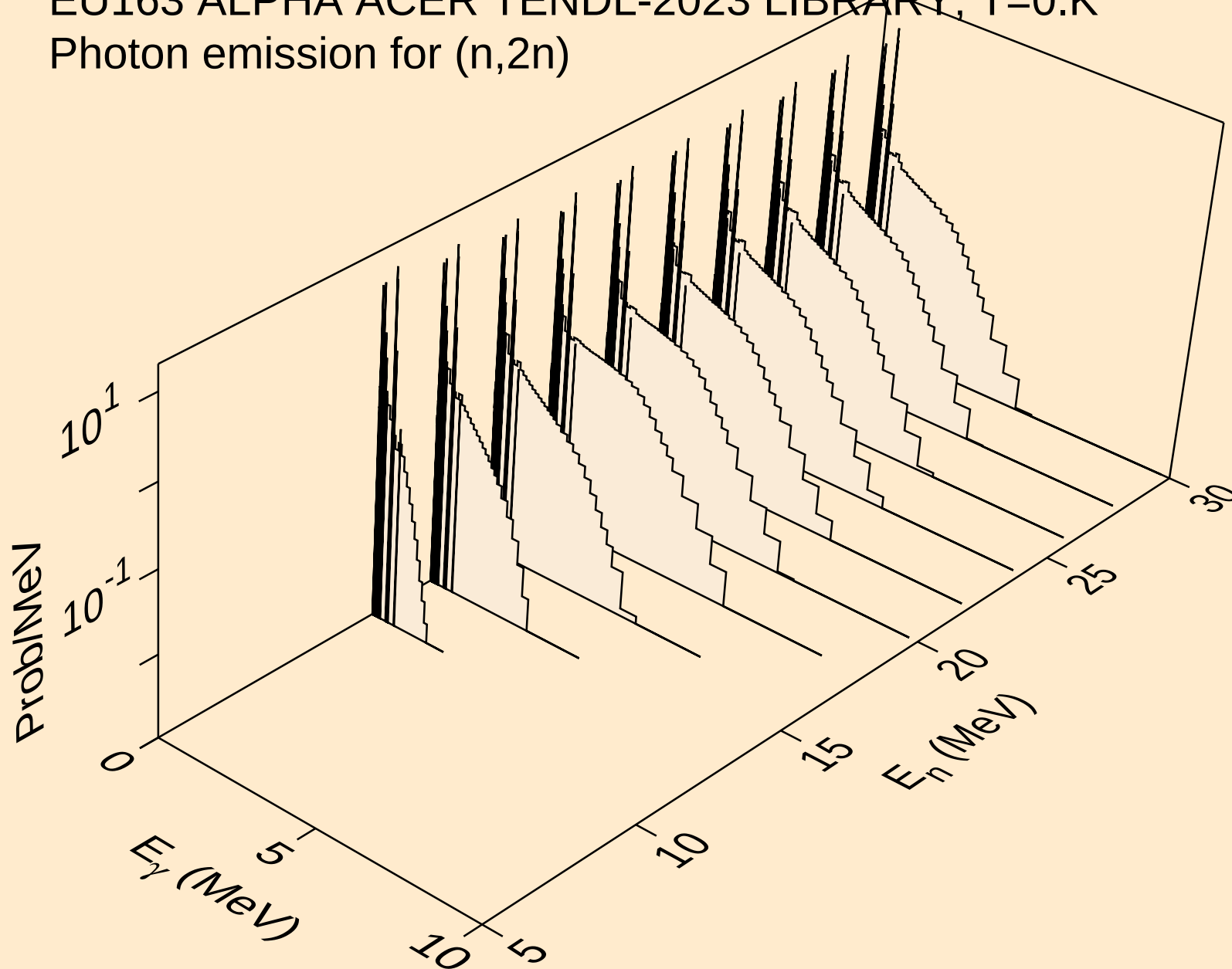
Photon emission for (z,x)



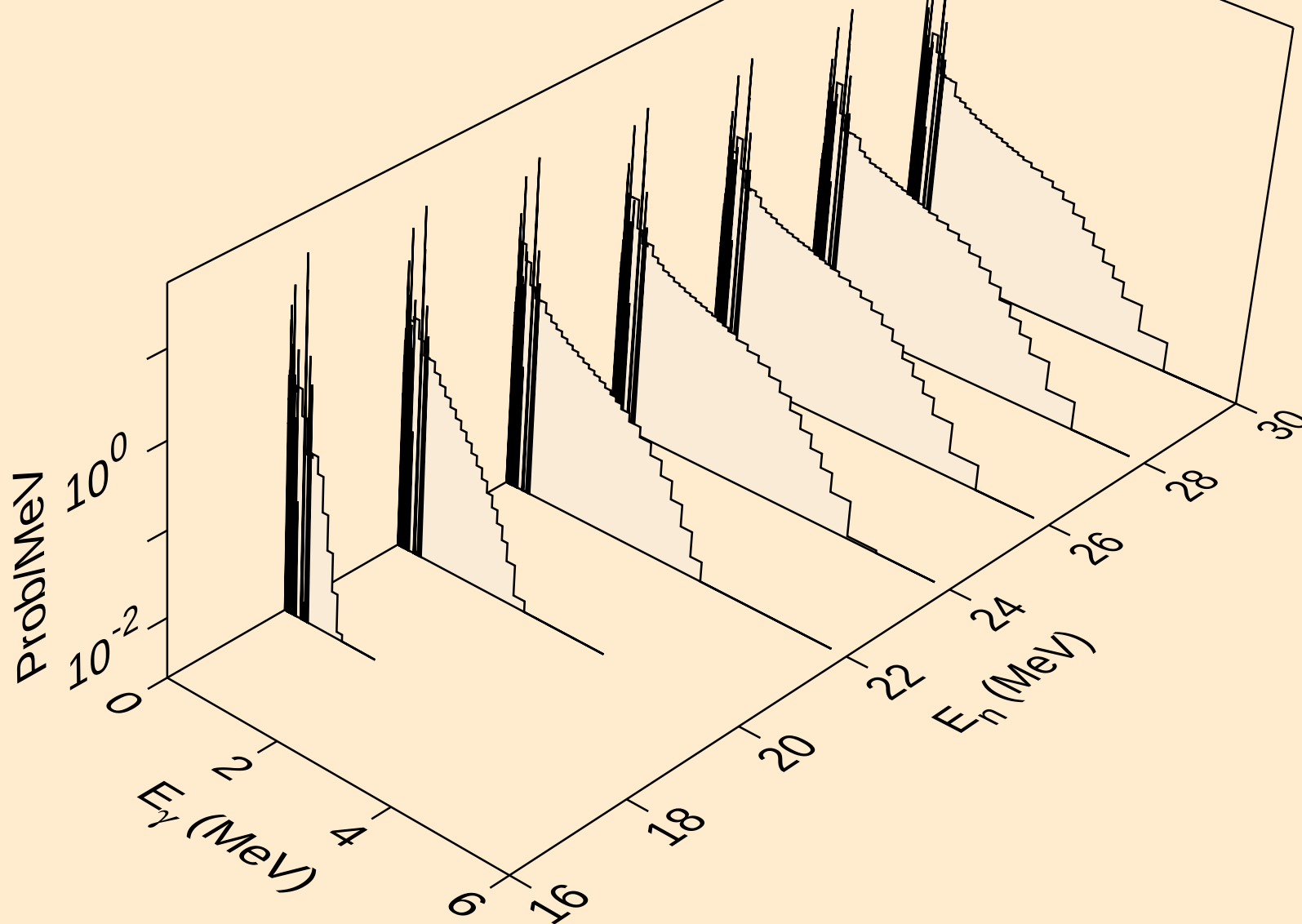
EU163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2nd)



EU163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)

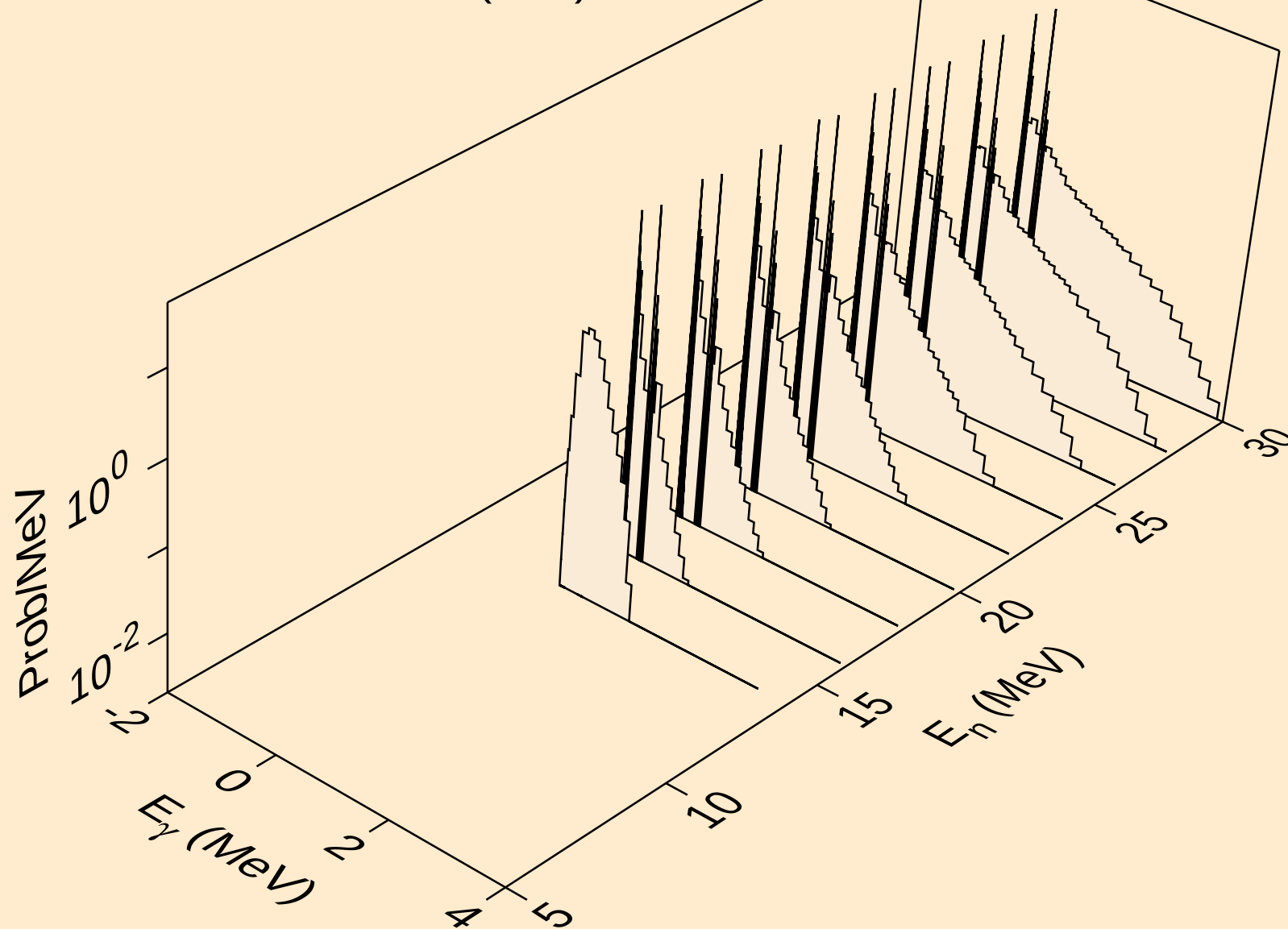


EU163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)



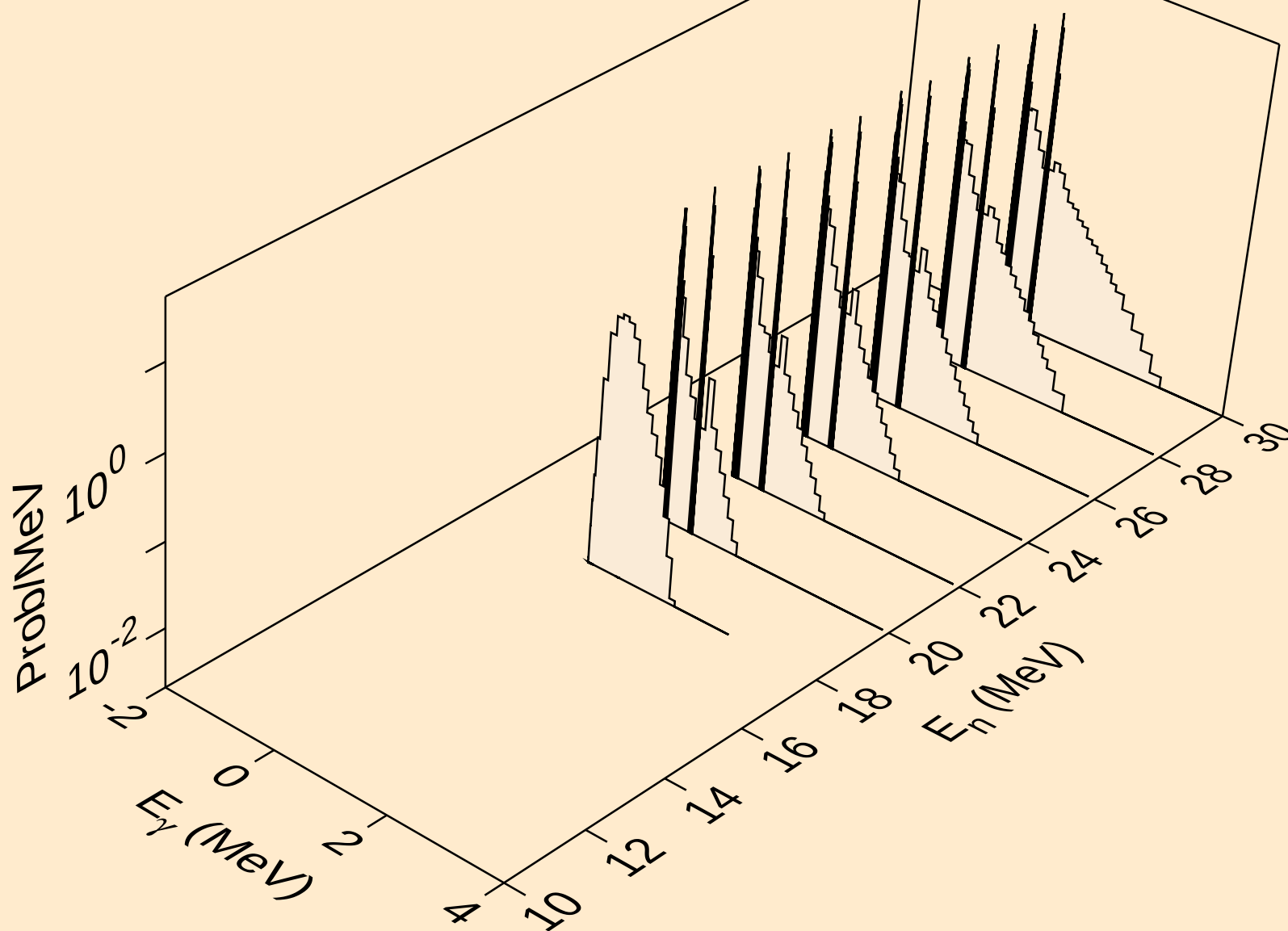
EU163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)a



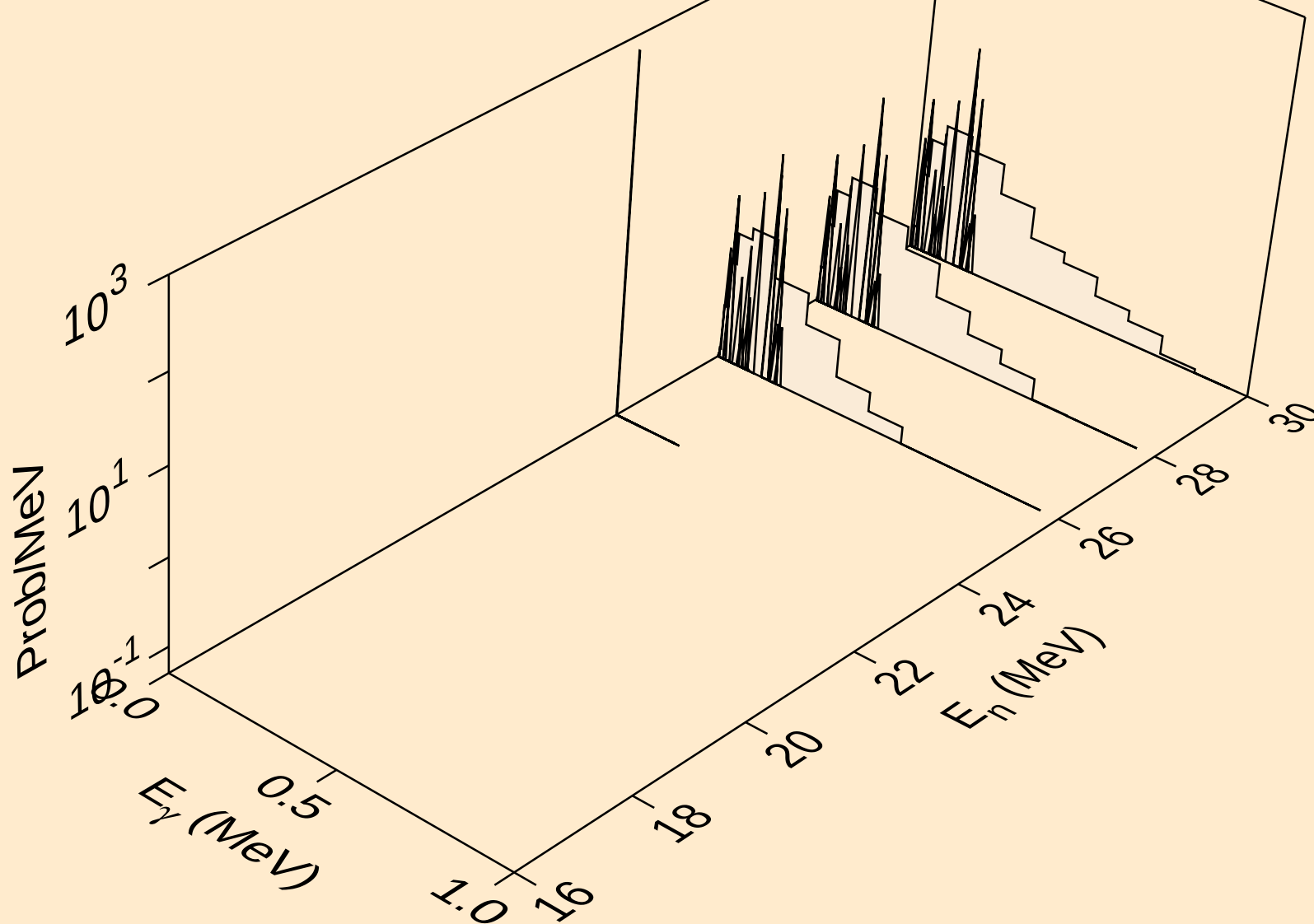
EU163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,2n) α



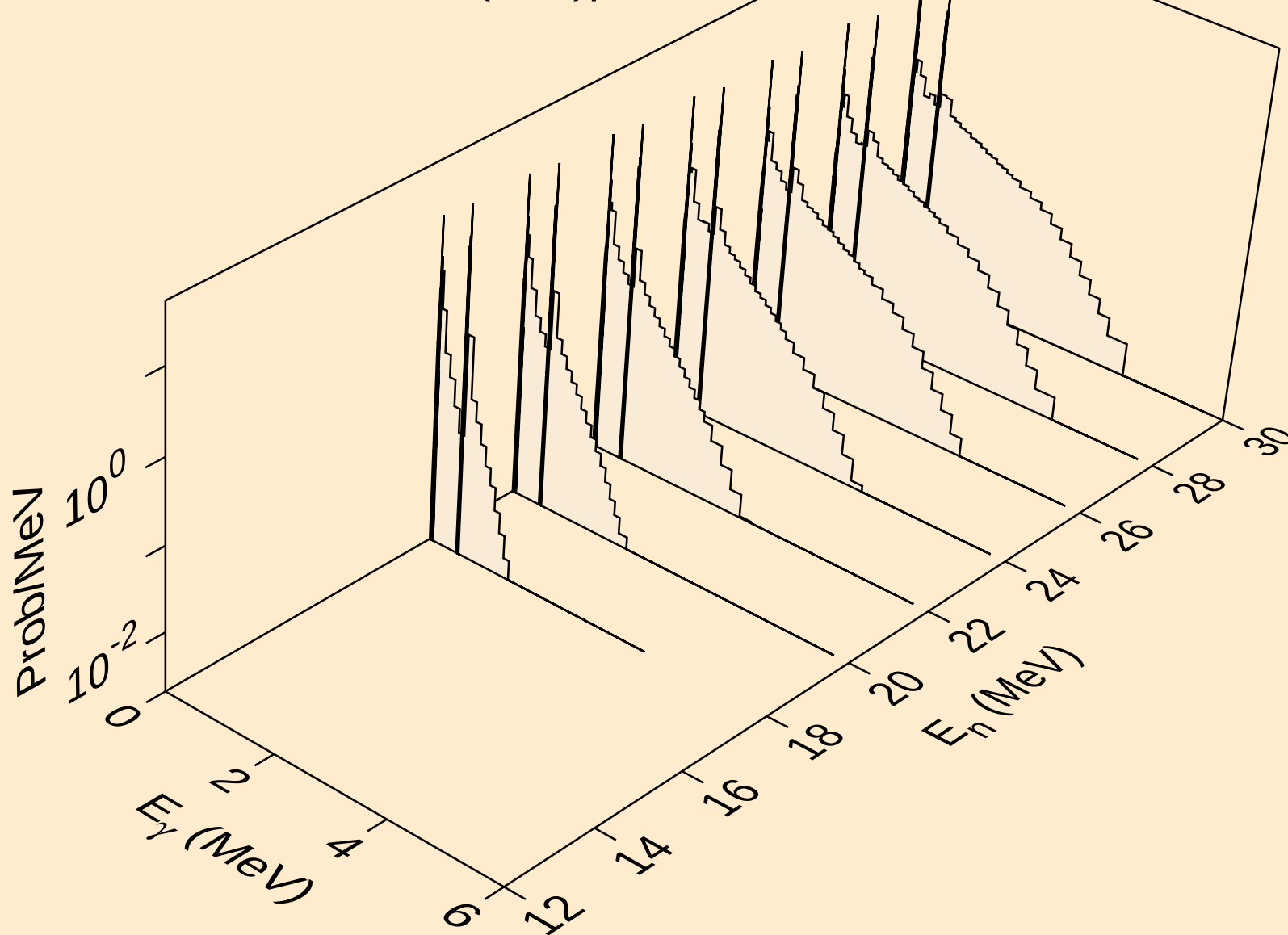
EU163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,3n) α



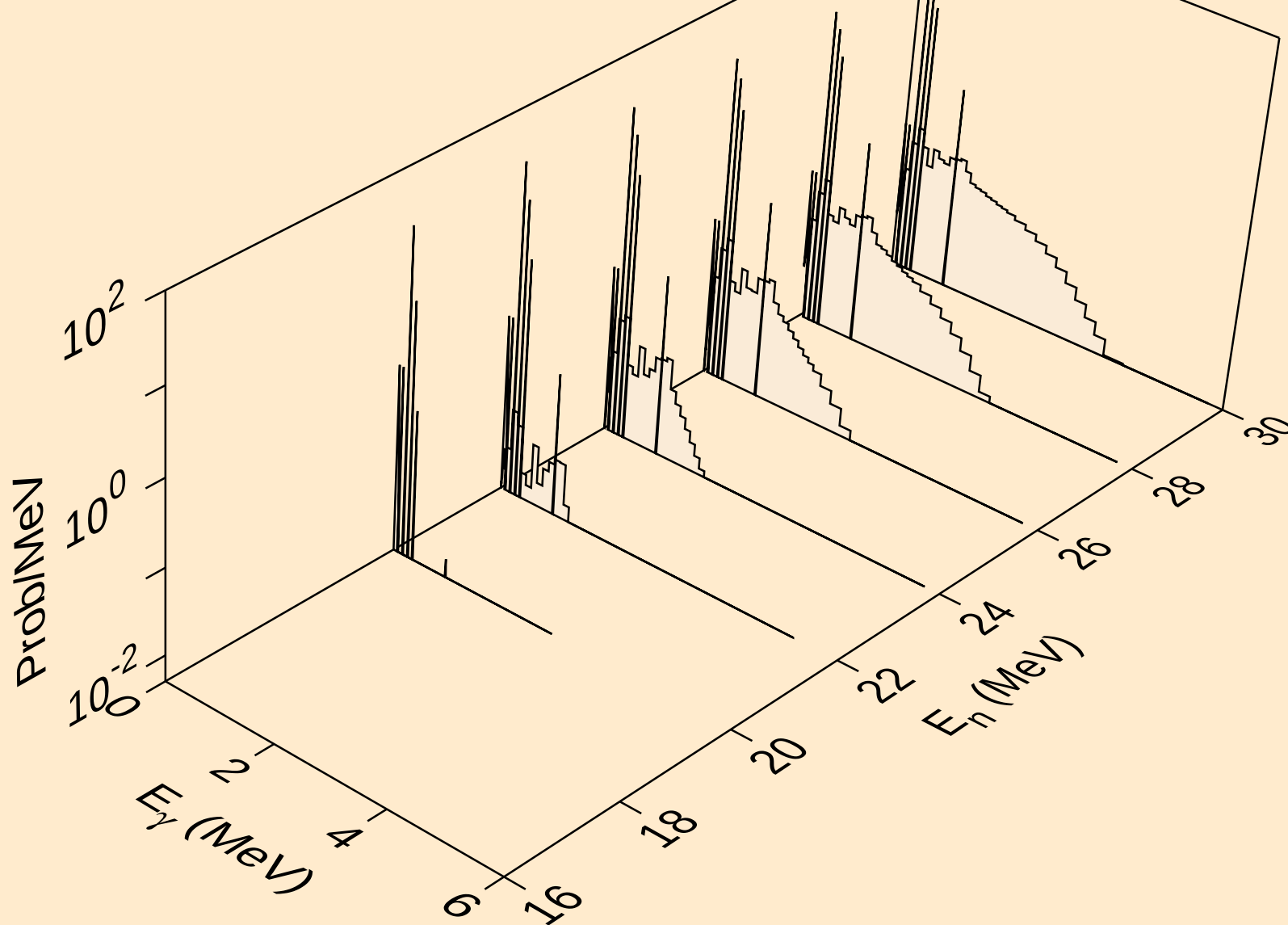
EU163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)p



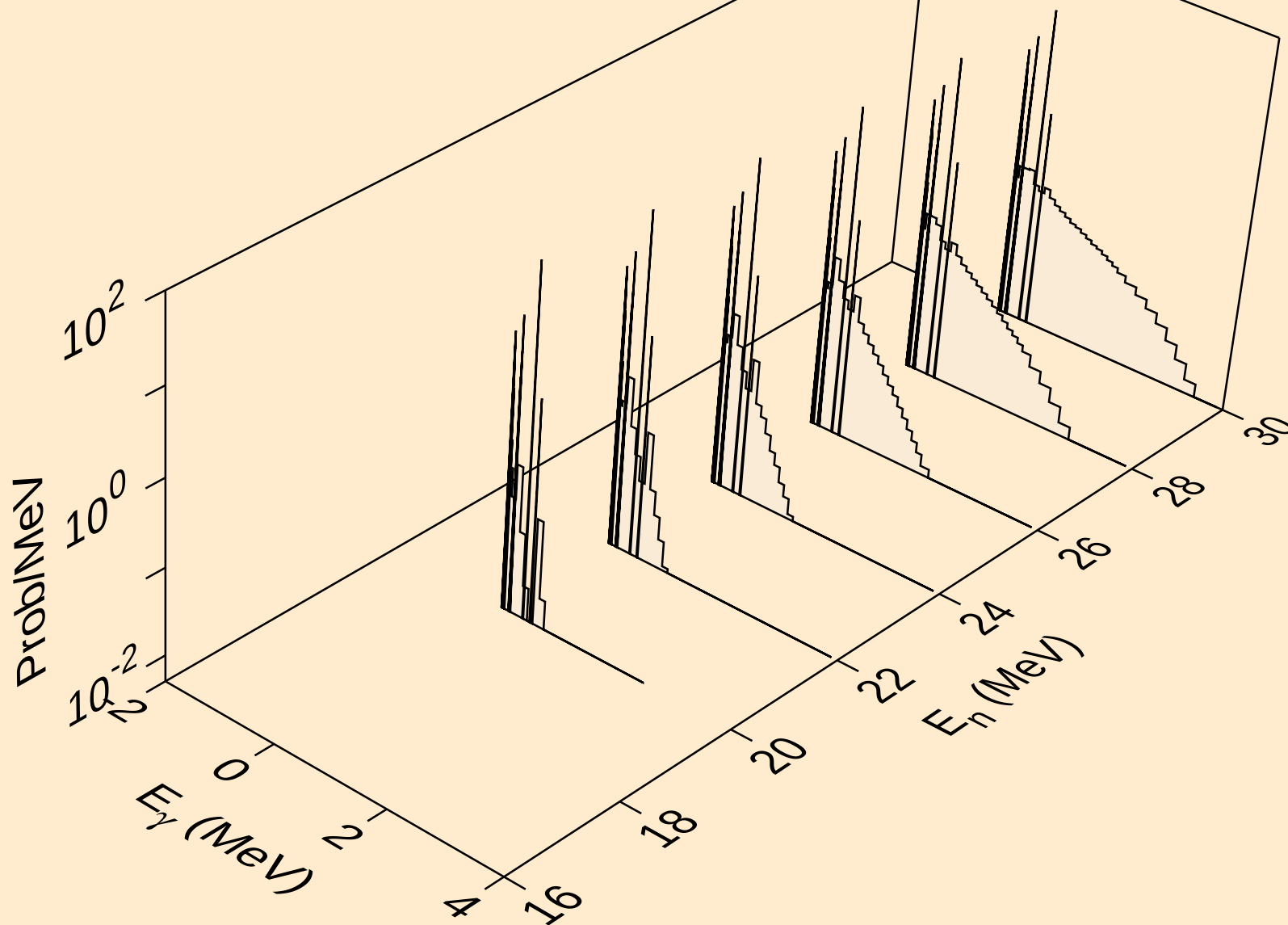
EU163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)d

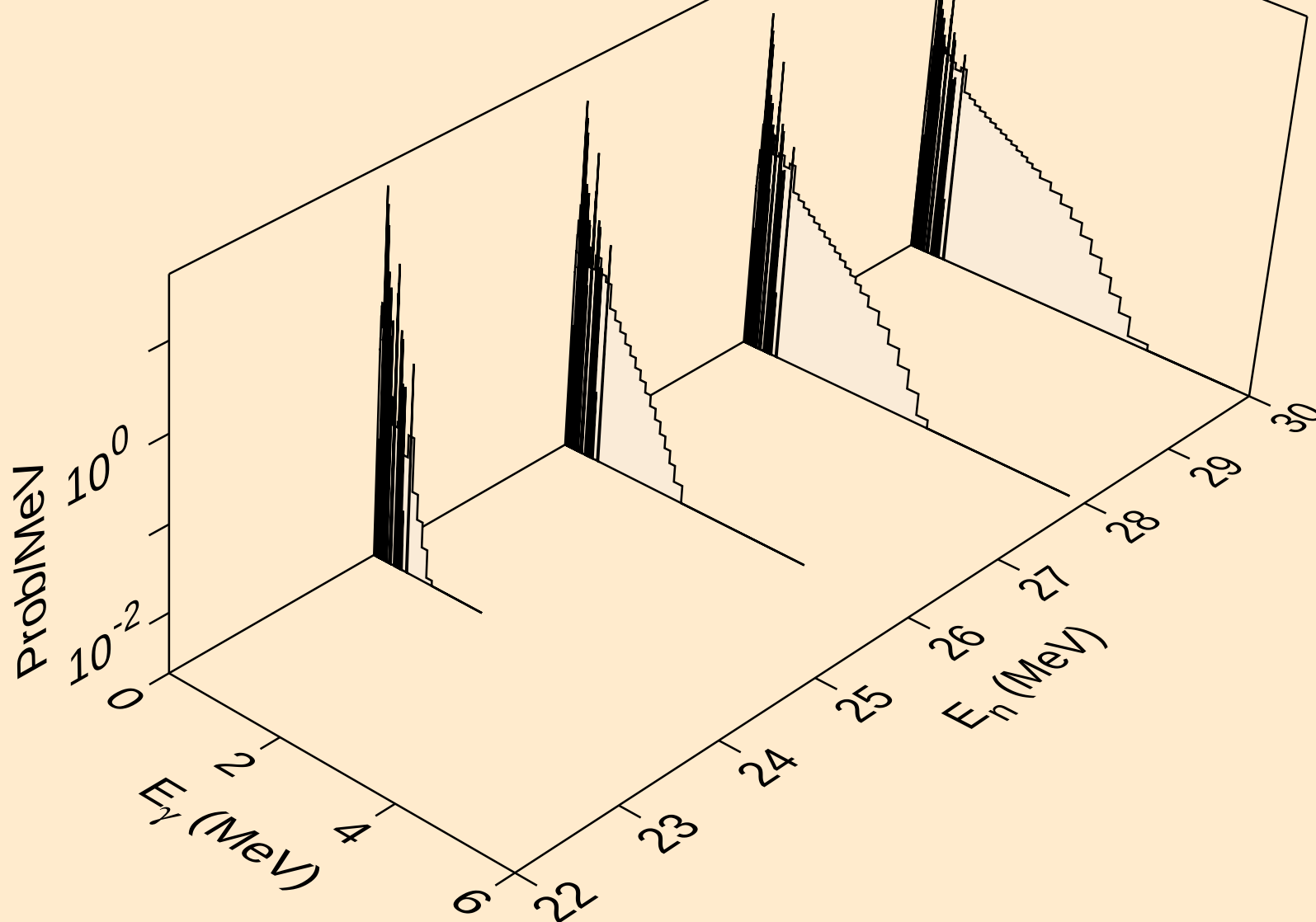


EU163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

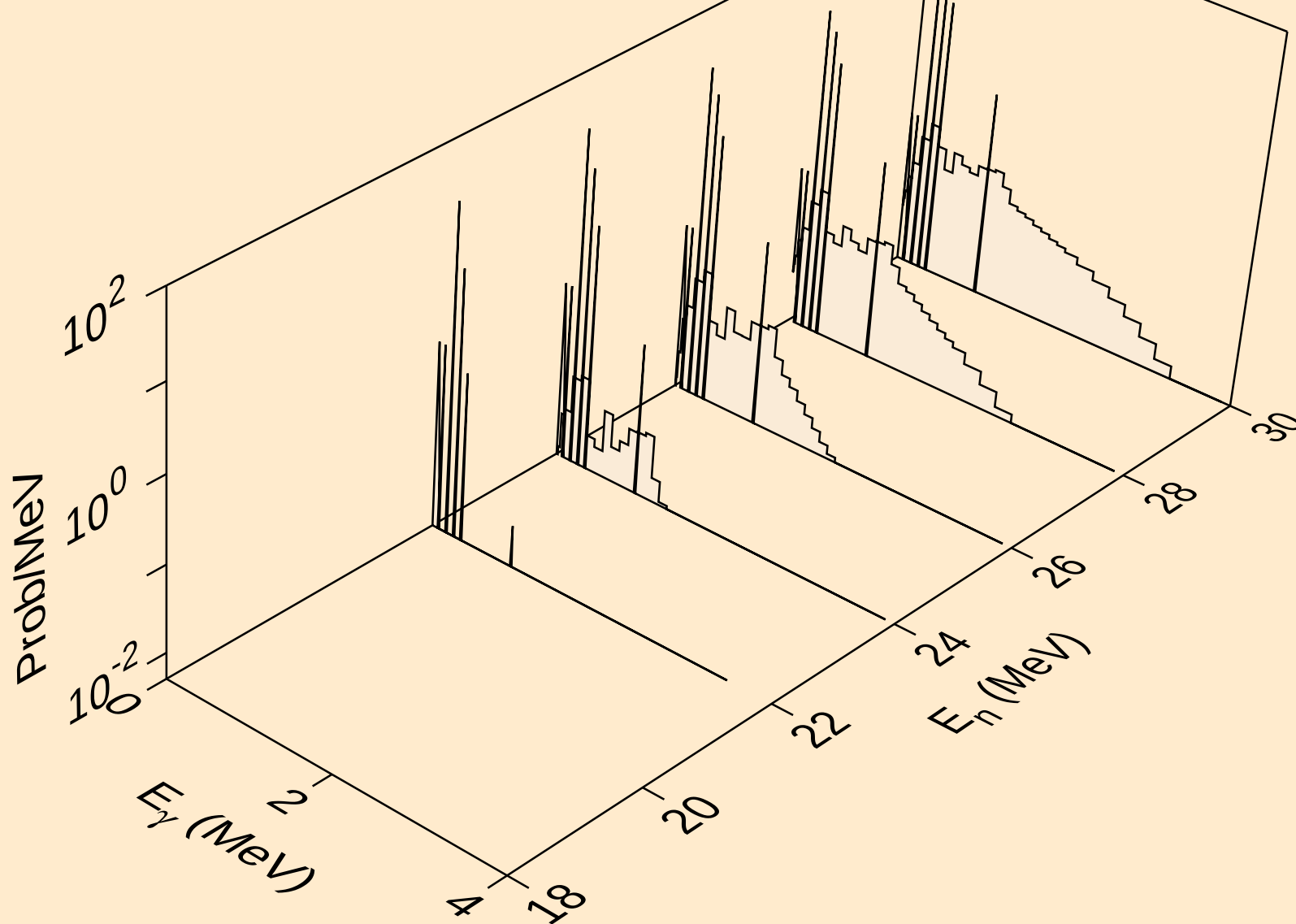
Photon emission for (n,n*)t



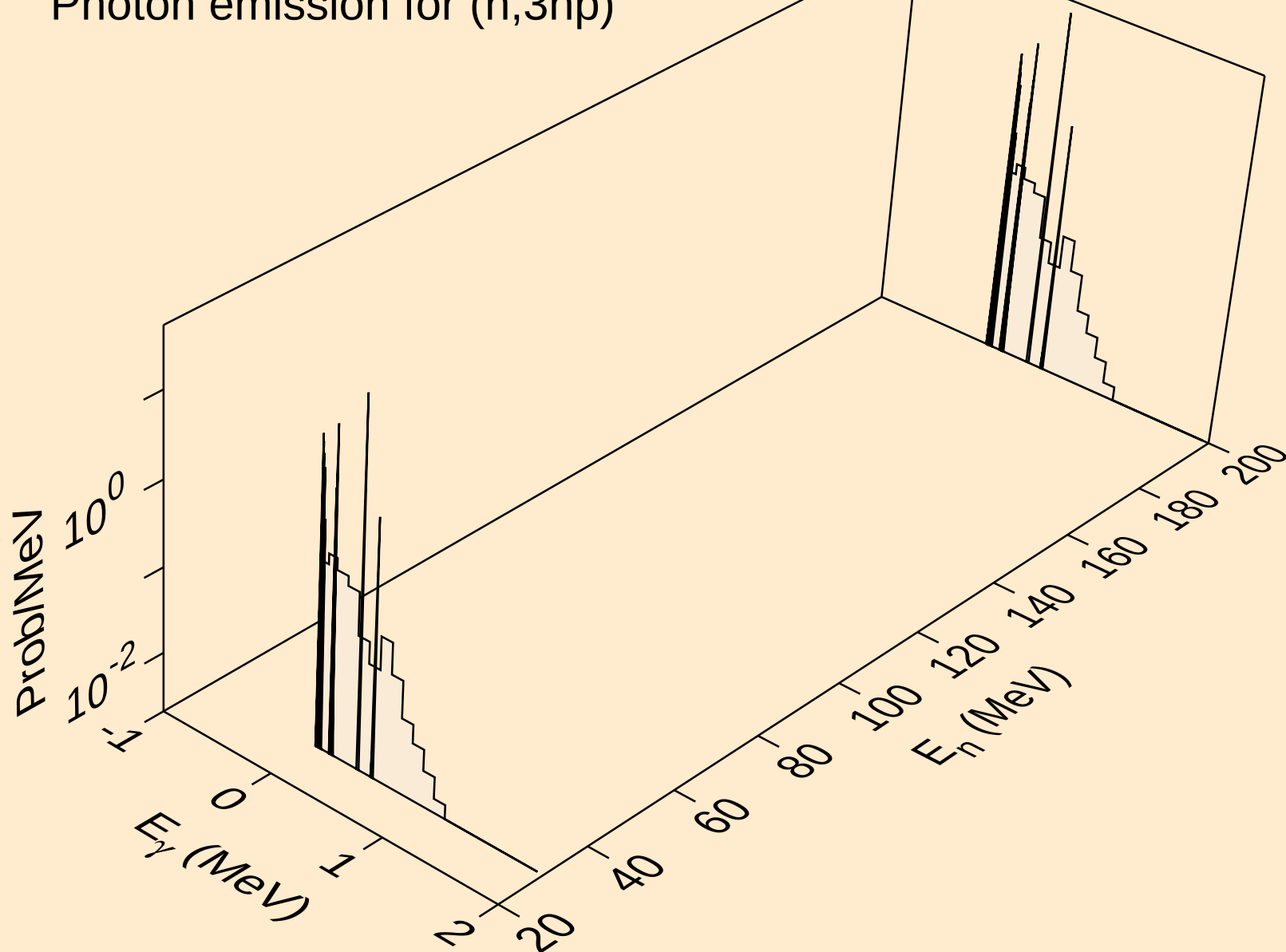
EU163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,4n)



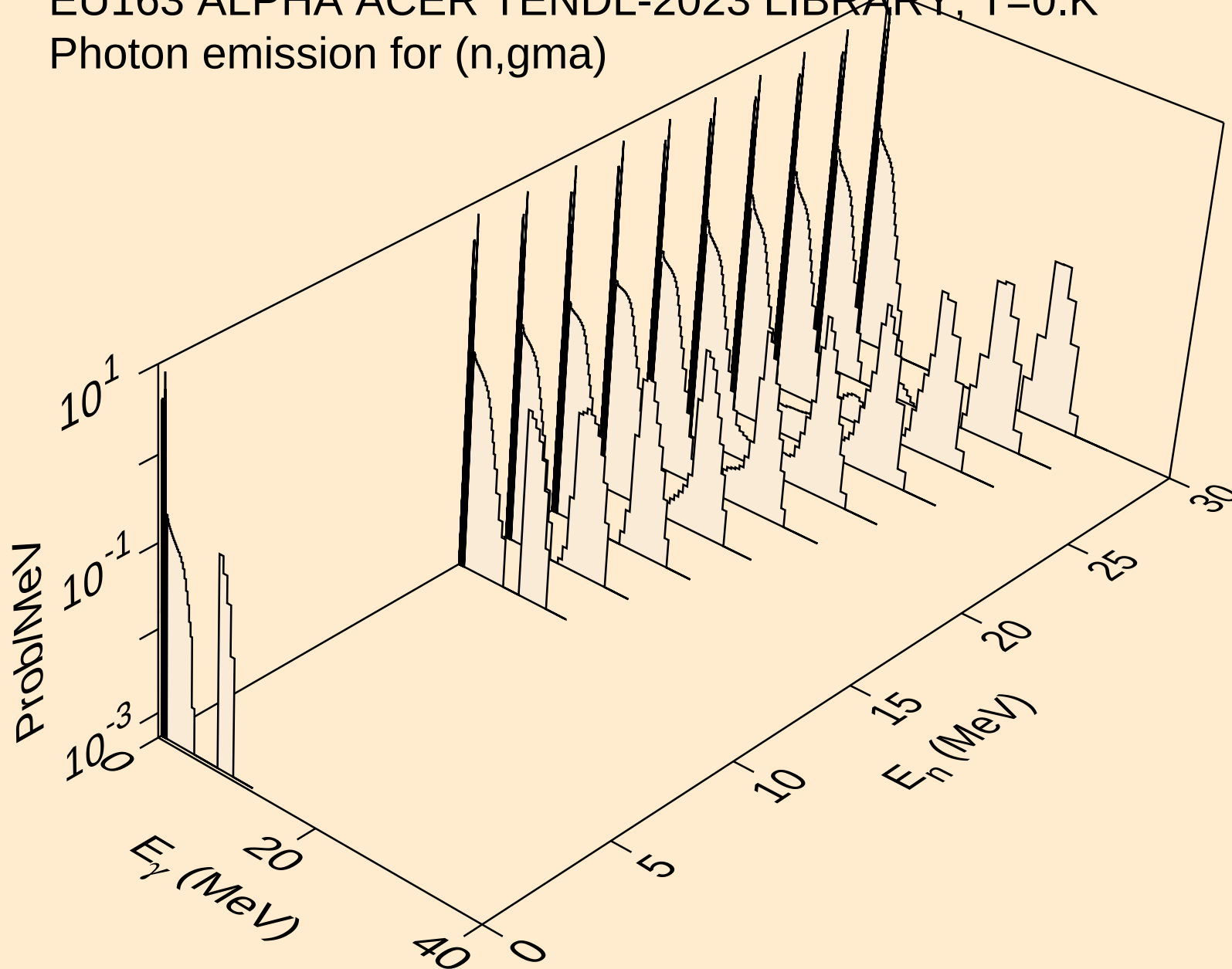
EU163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2np)



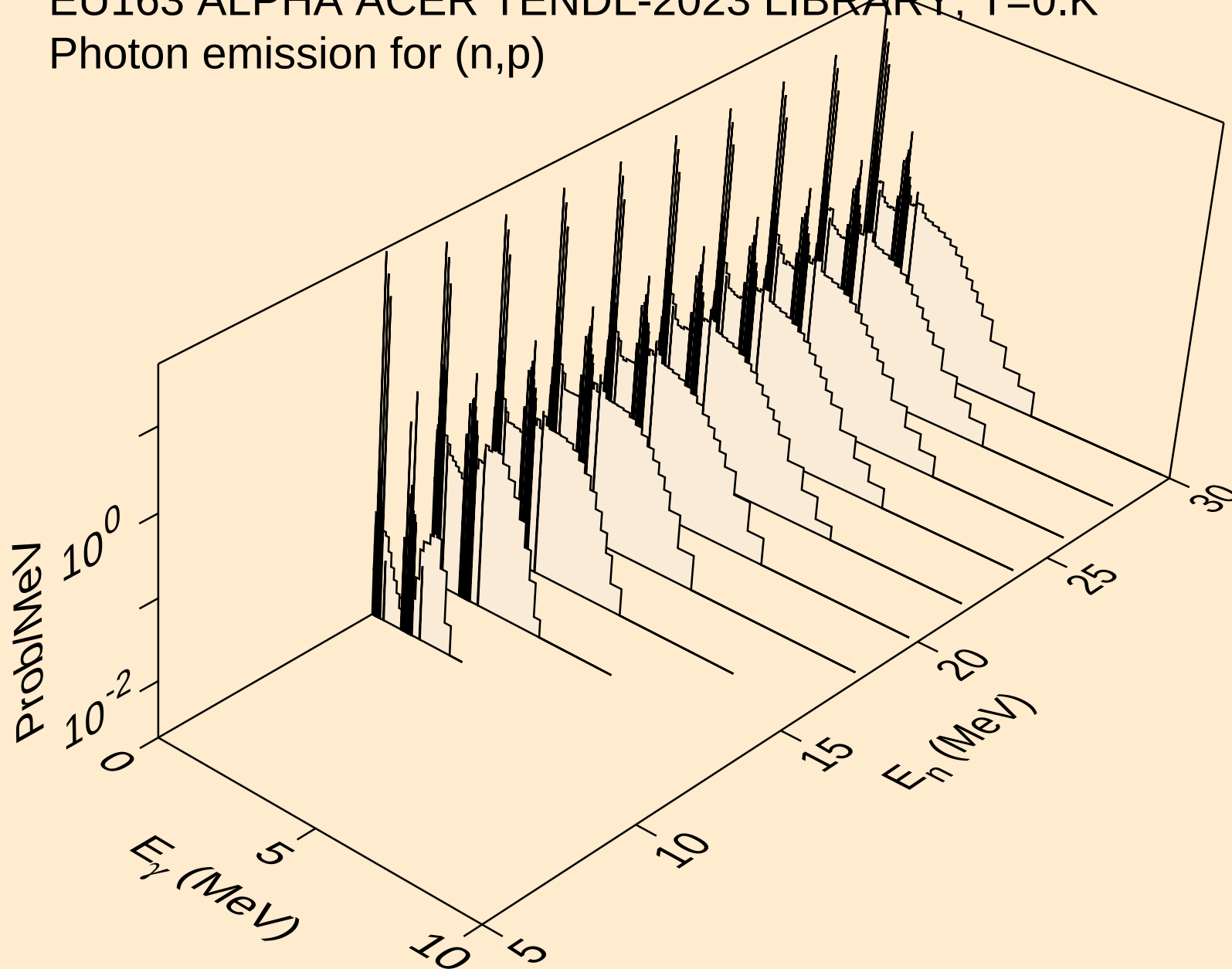
EU163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3np)



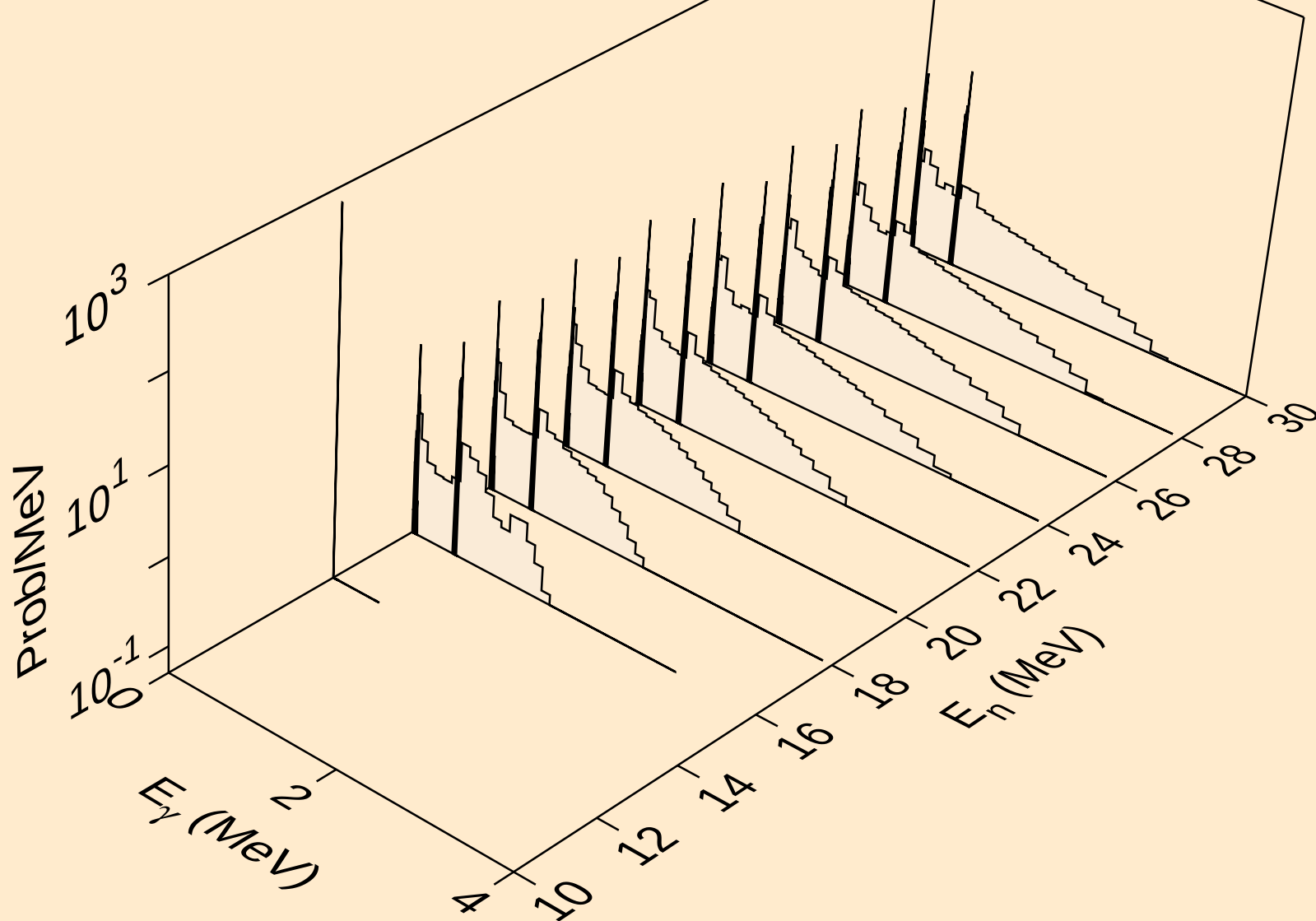
EU163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



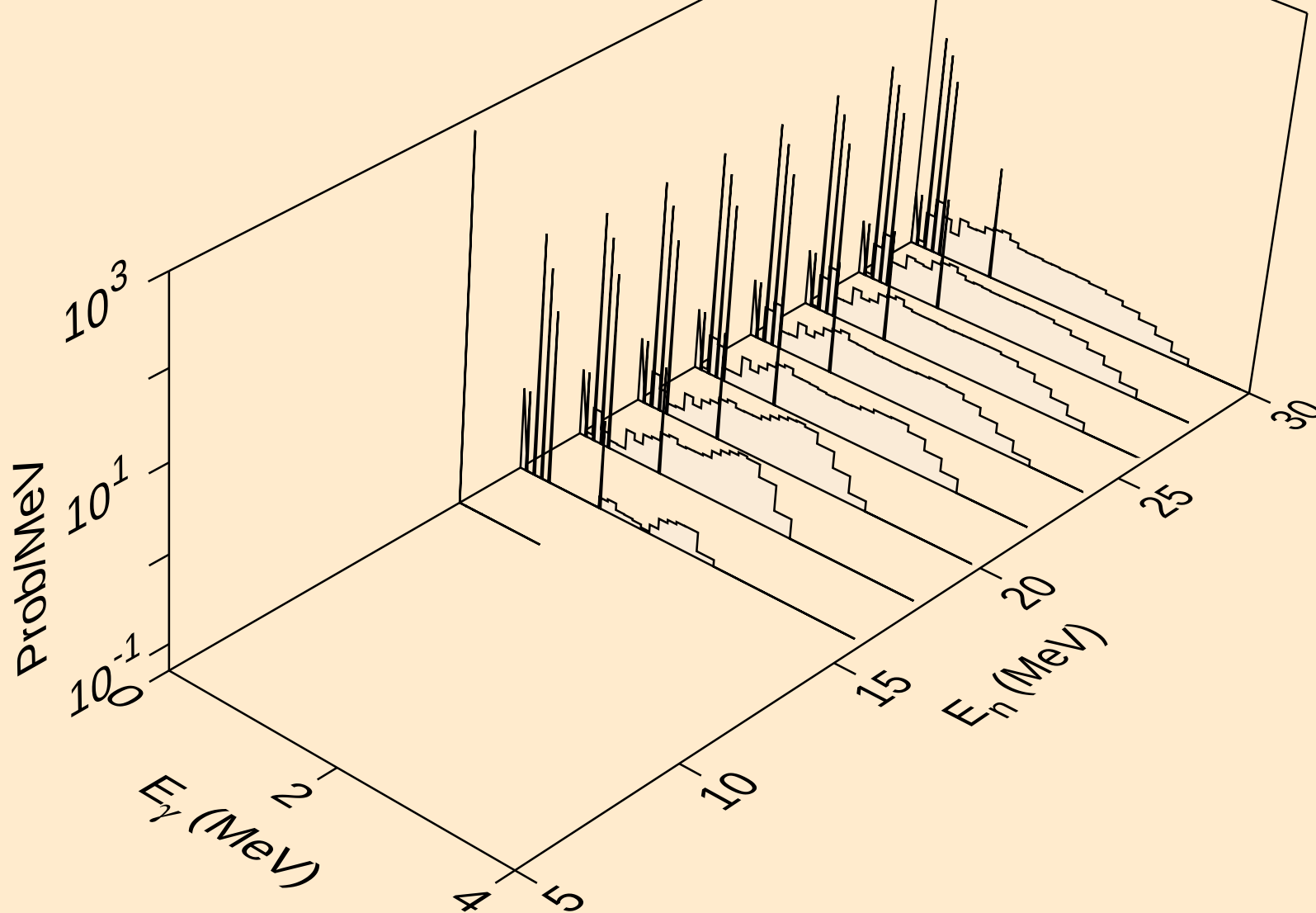
EU163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p)



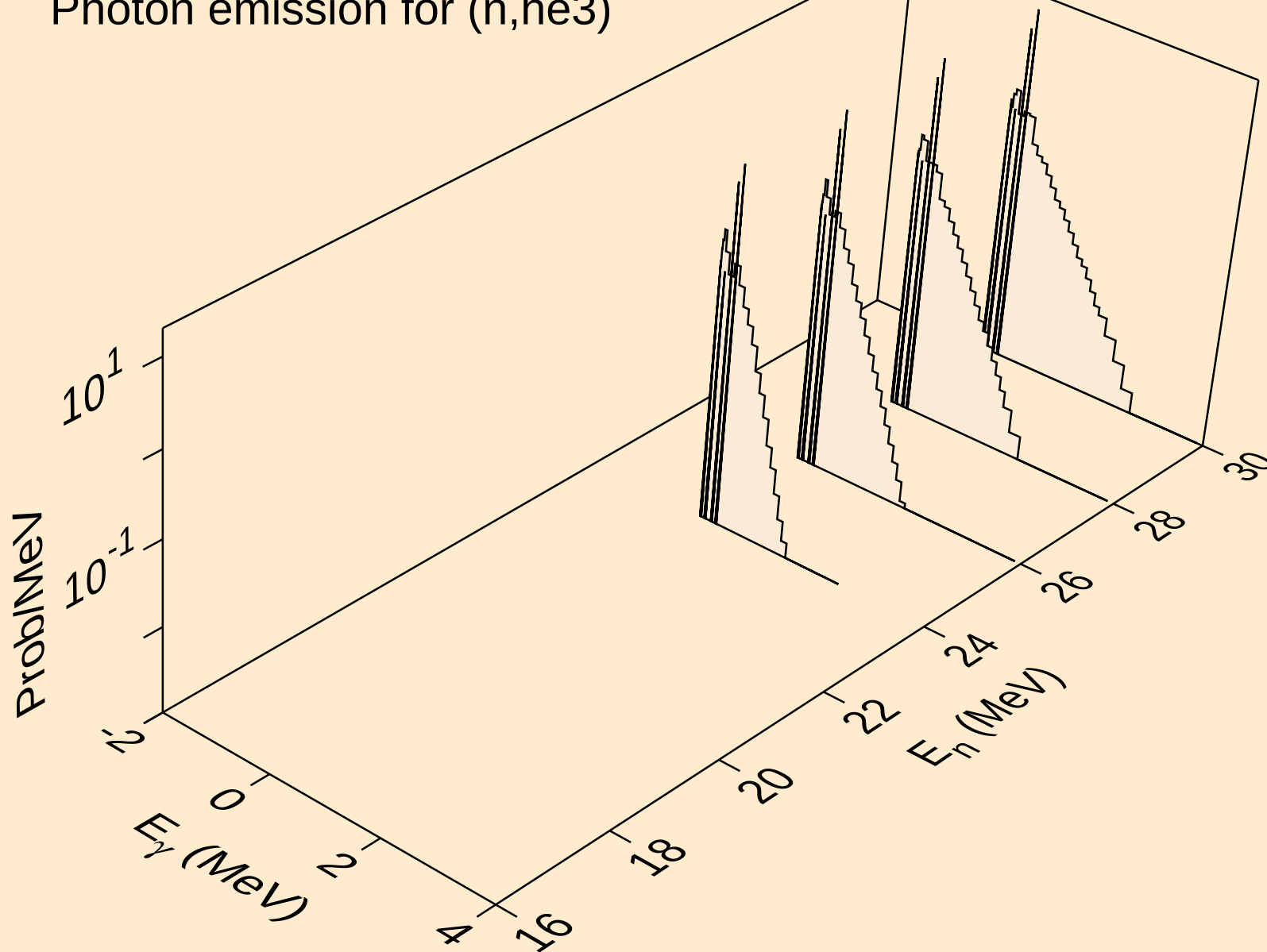
EU163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)



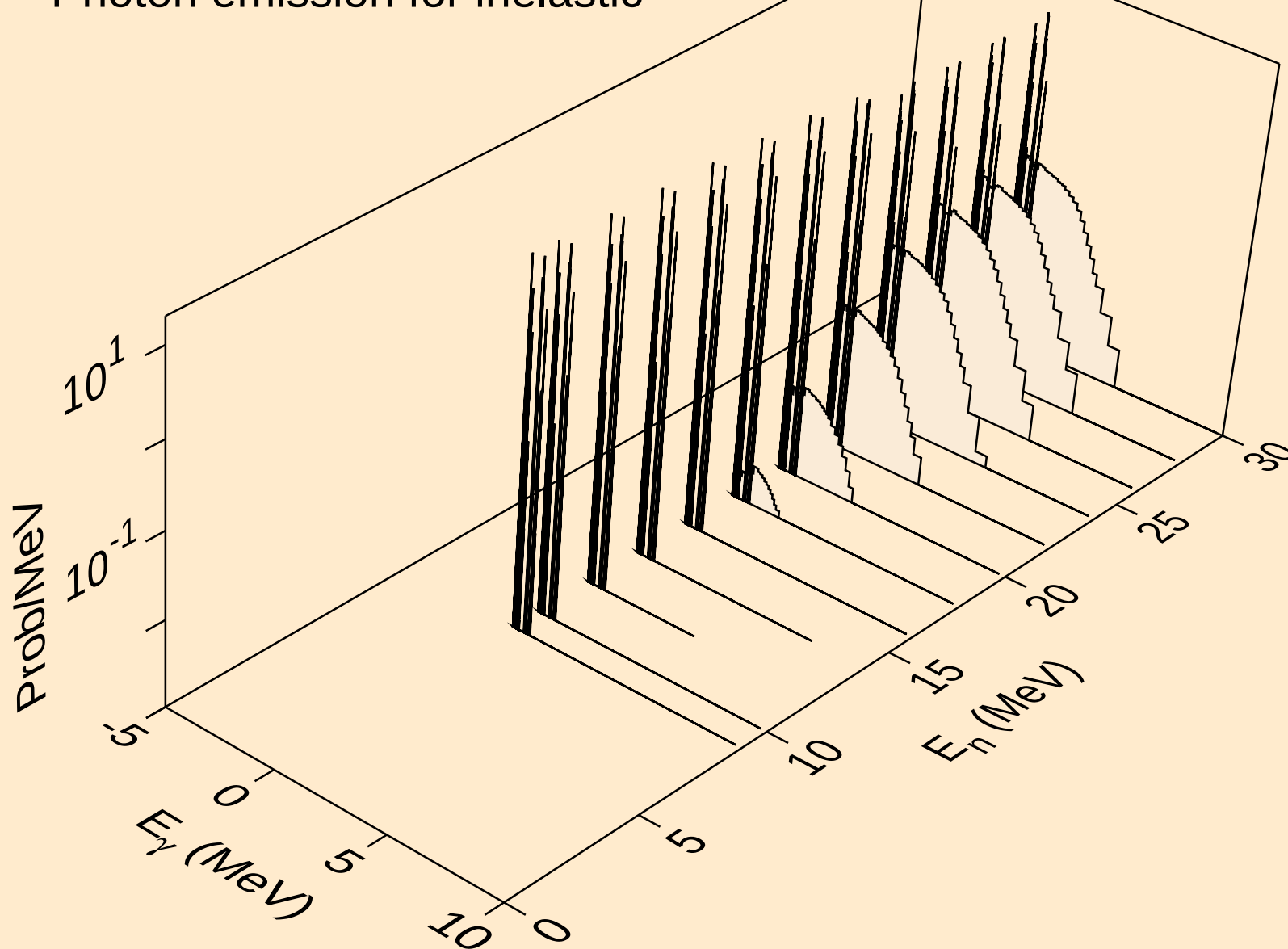
EU163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)



EU163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,he3)

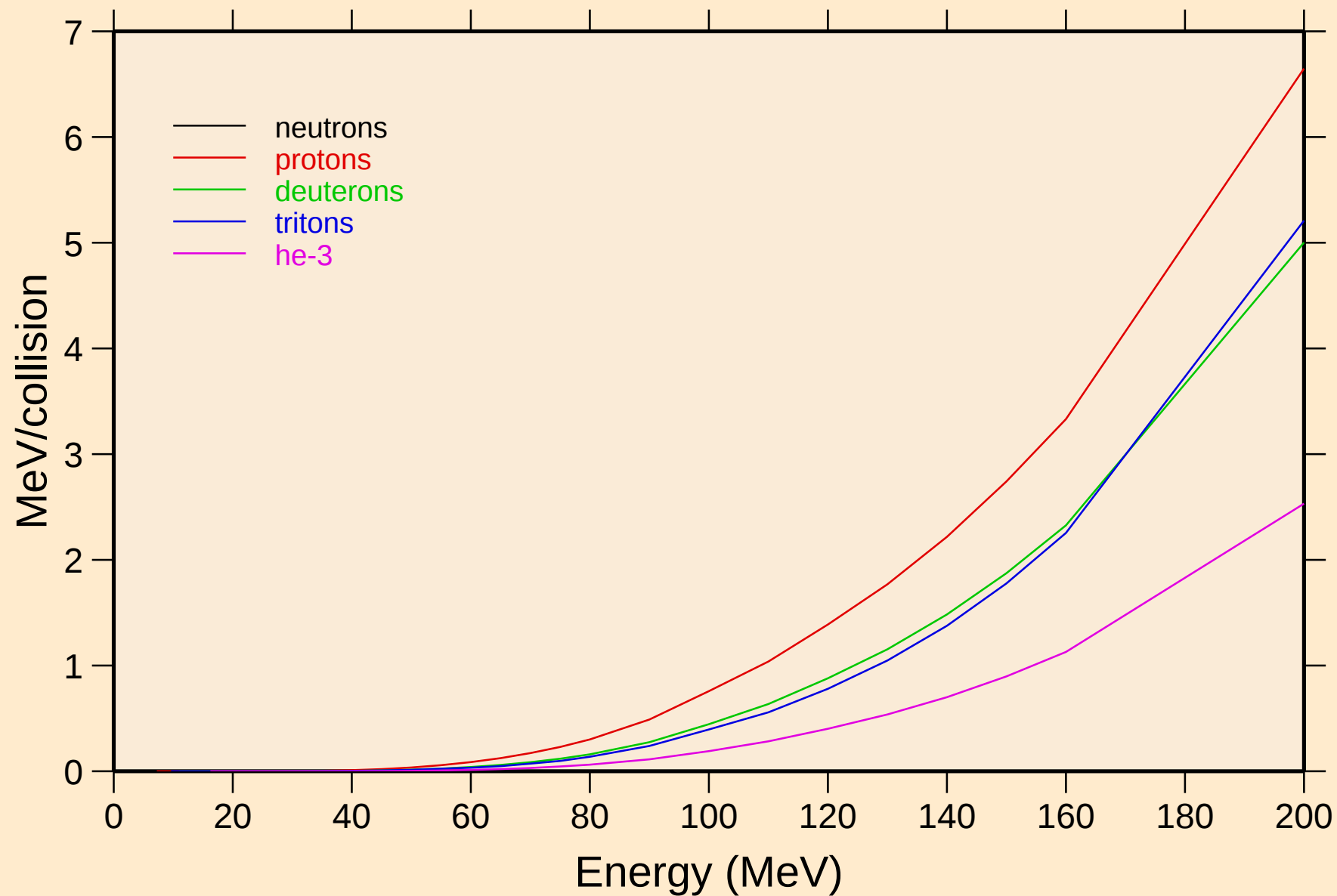


EU163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for inelastic



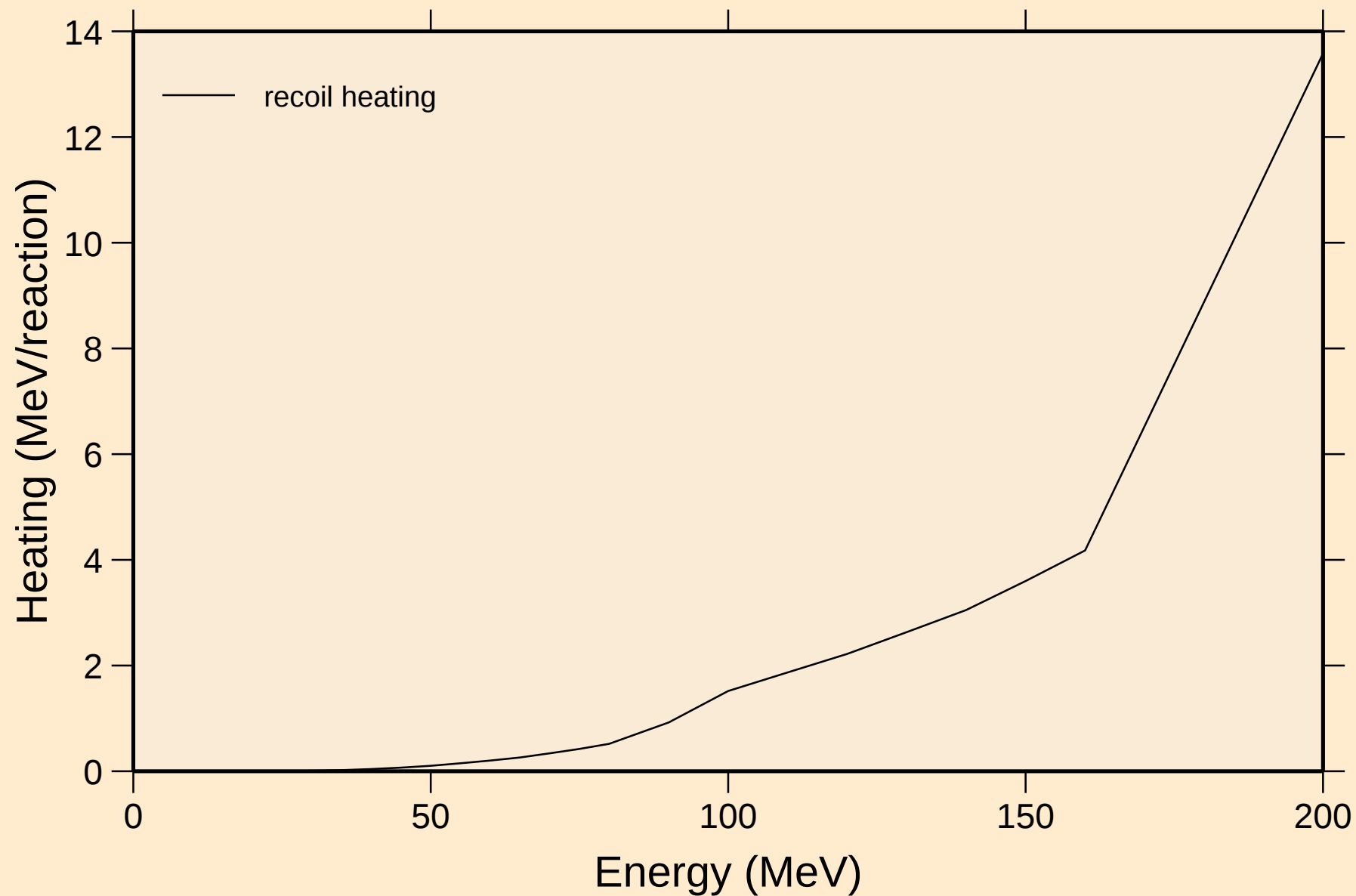
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Particle heating contributions



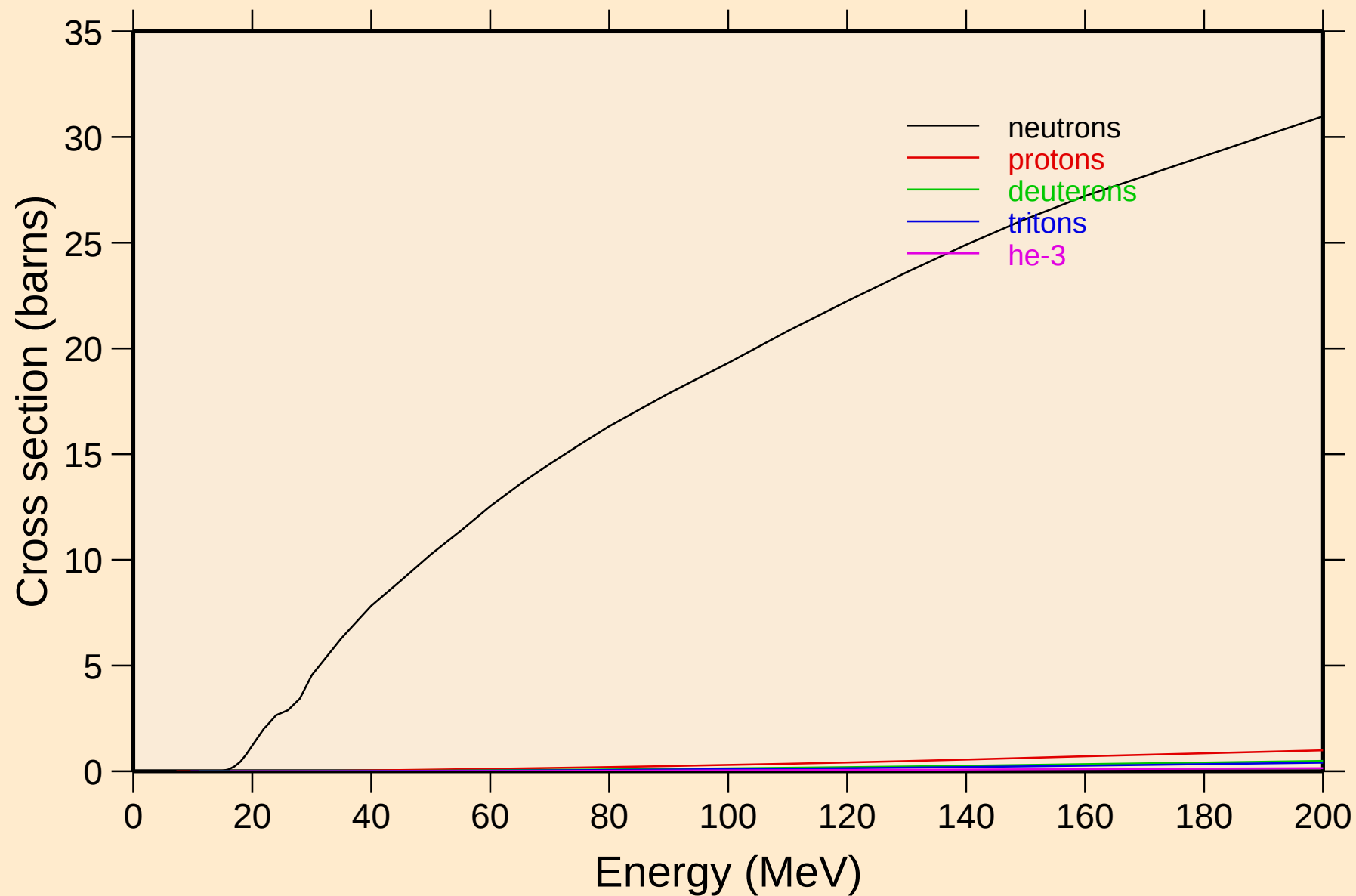
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Recoil Heating

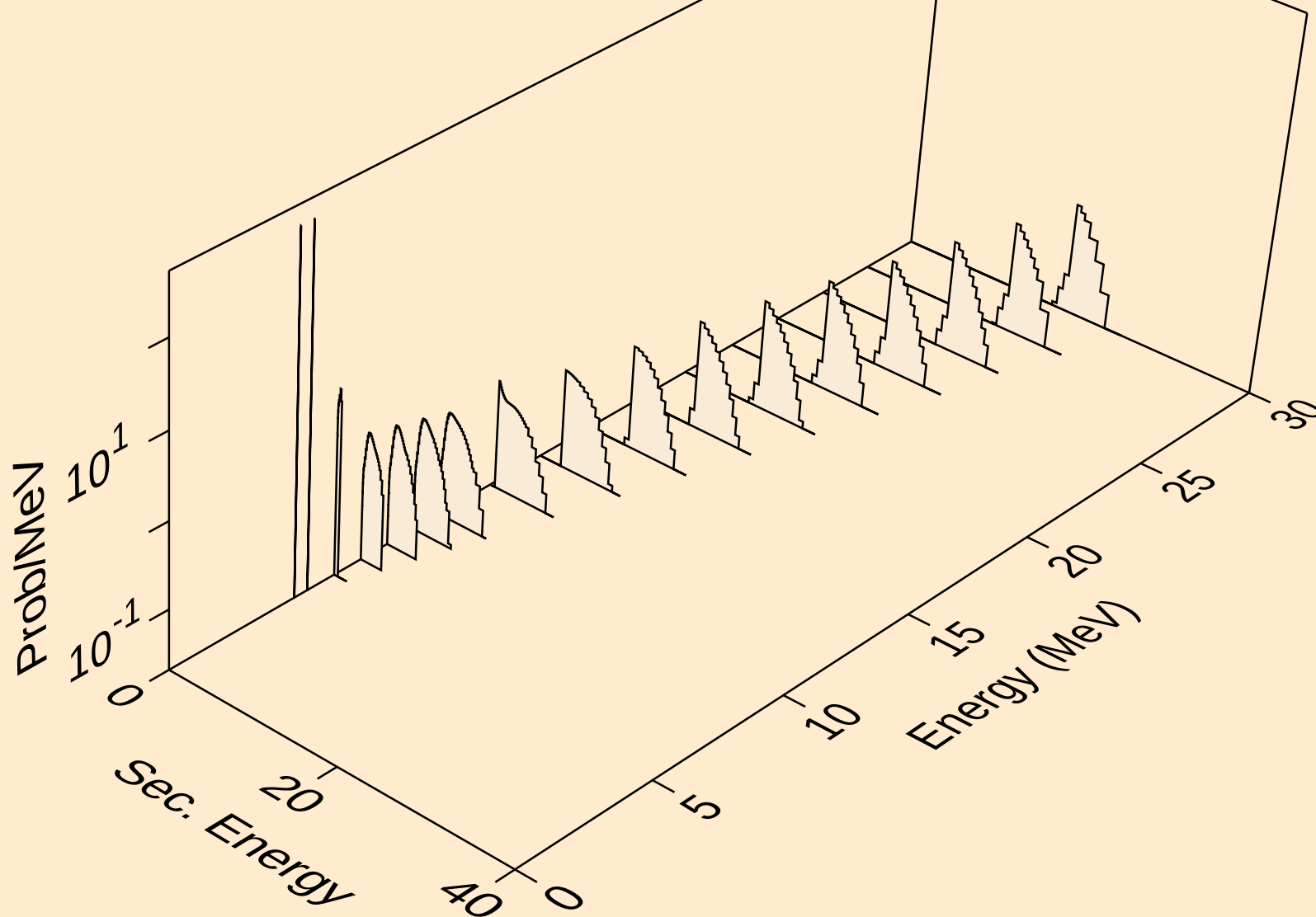


EU163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

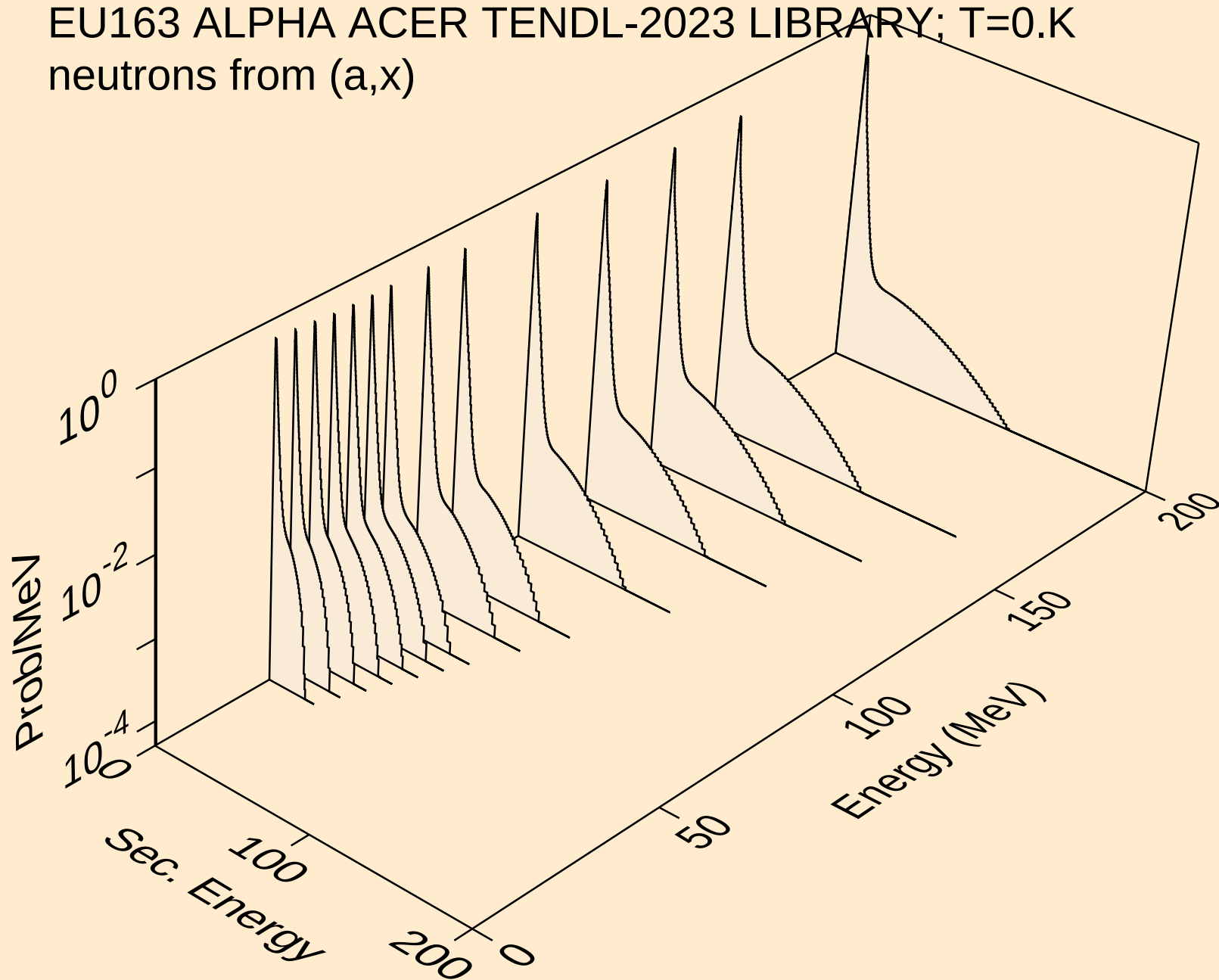
Particle production cross sections



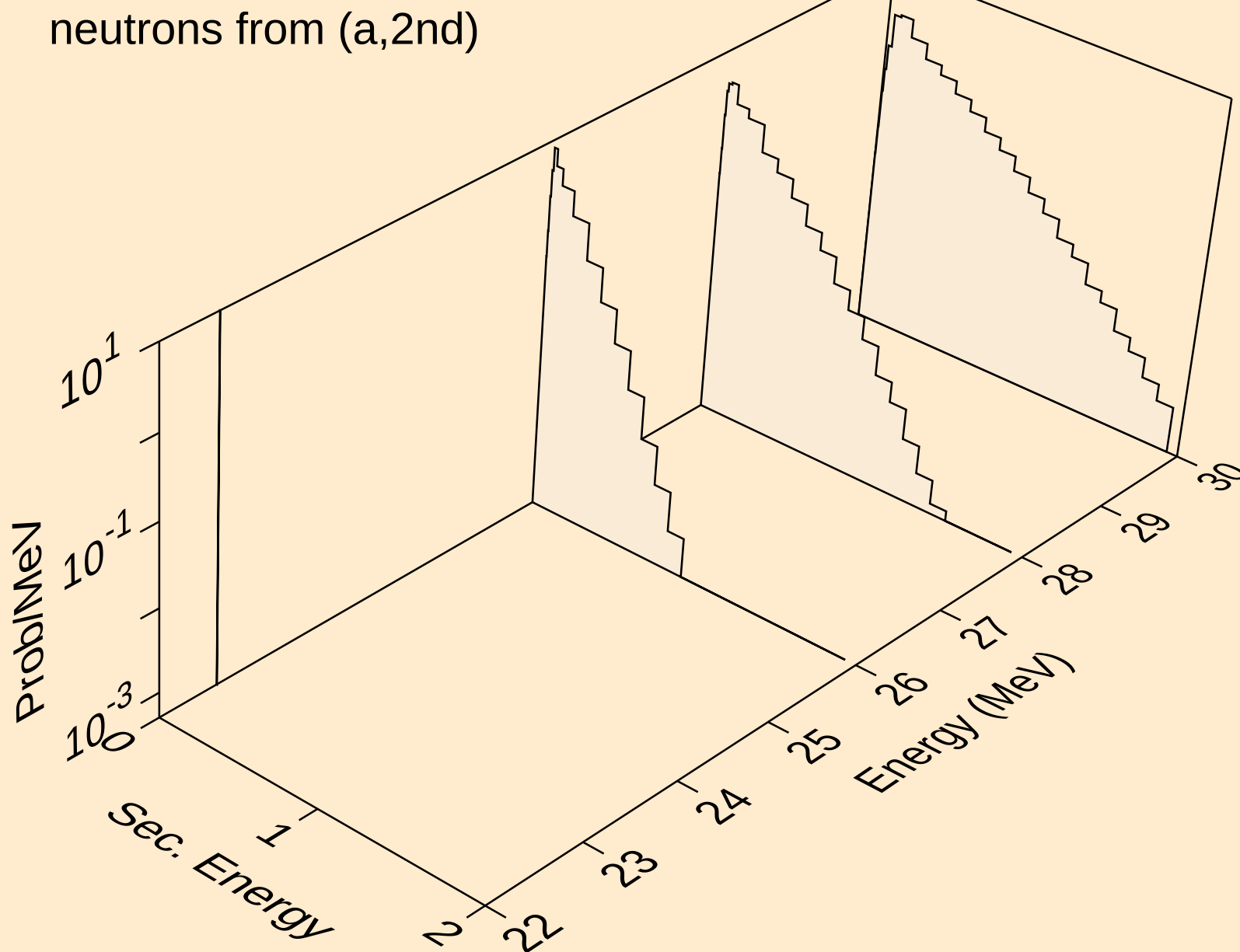
EU163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n)



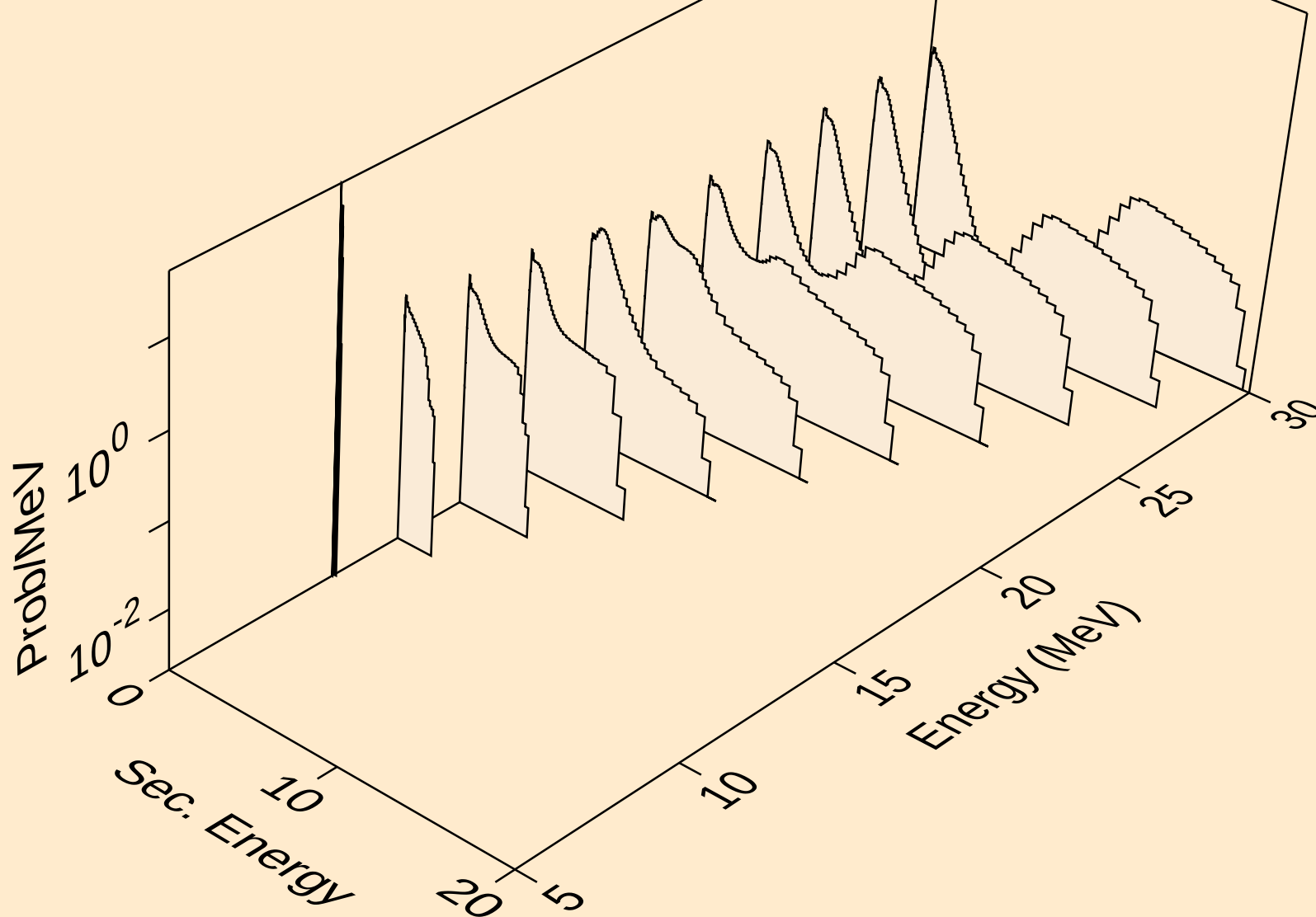
EU163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,x)



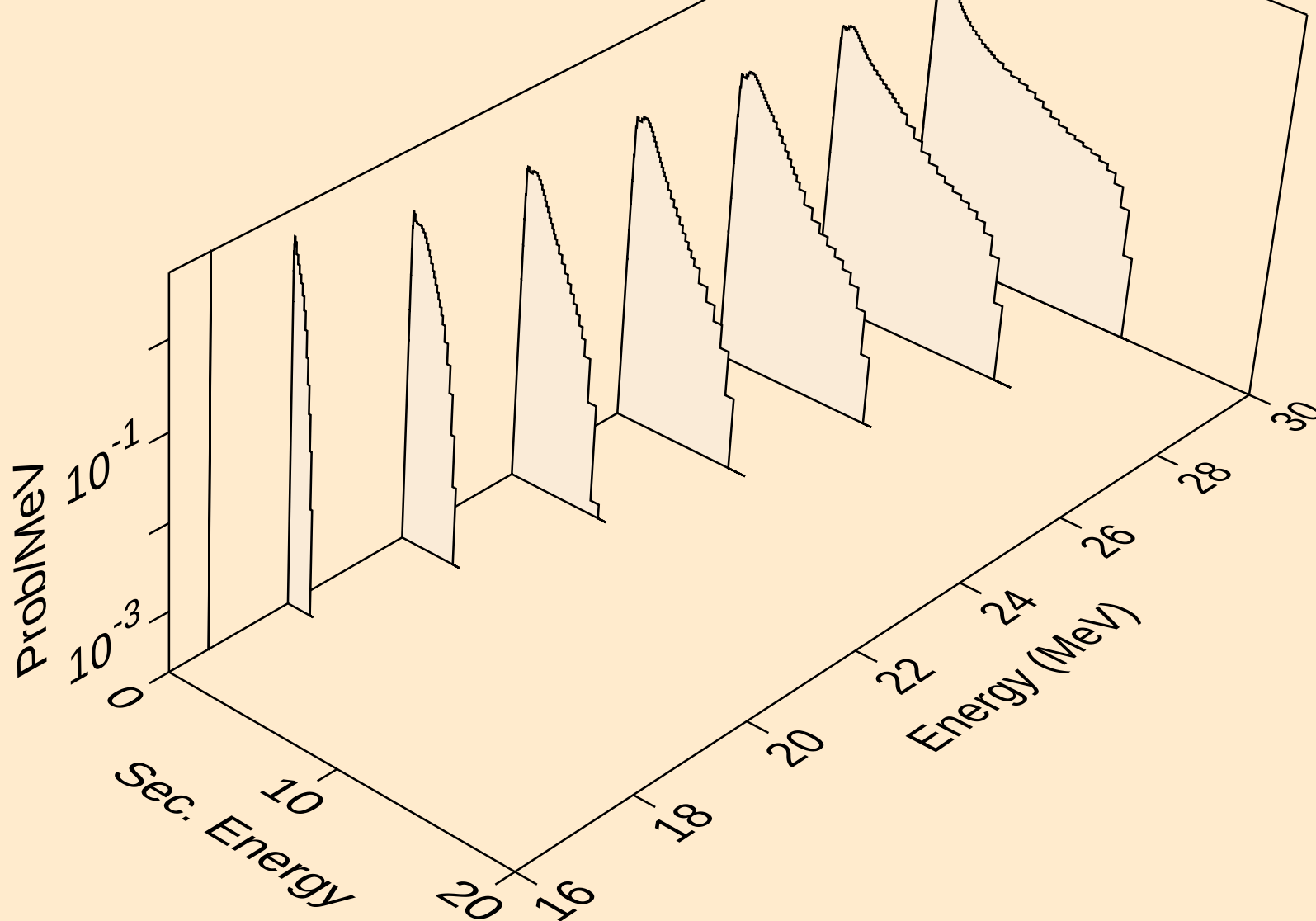
EU163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,2nd)



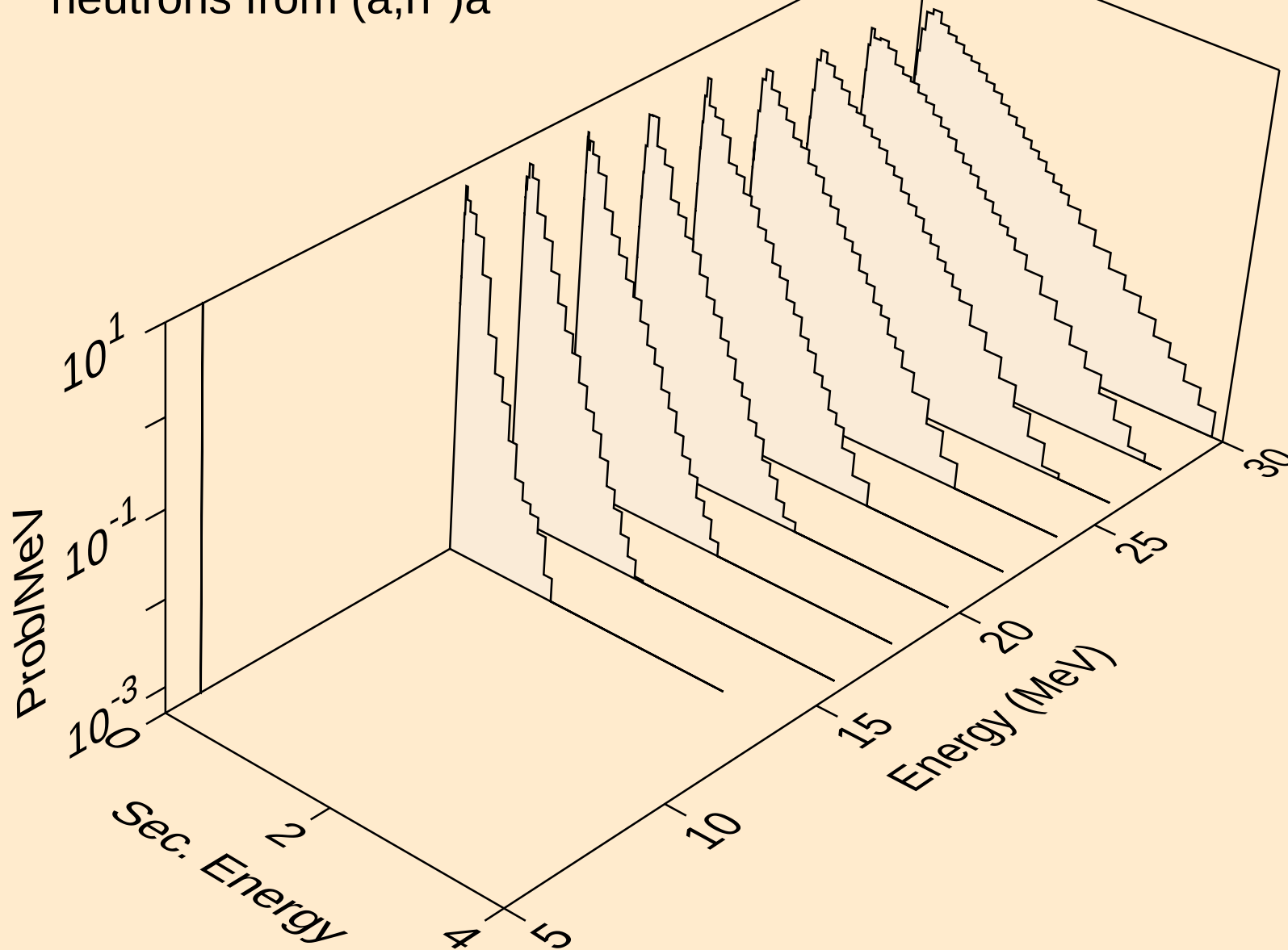
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neutrons from (a,2n)



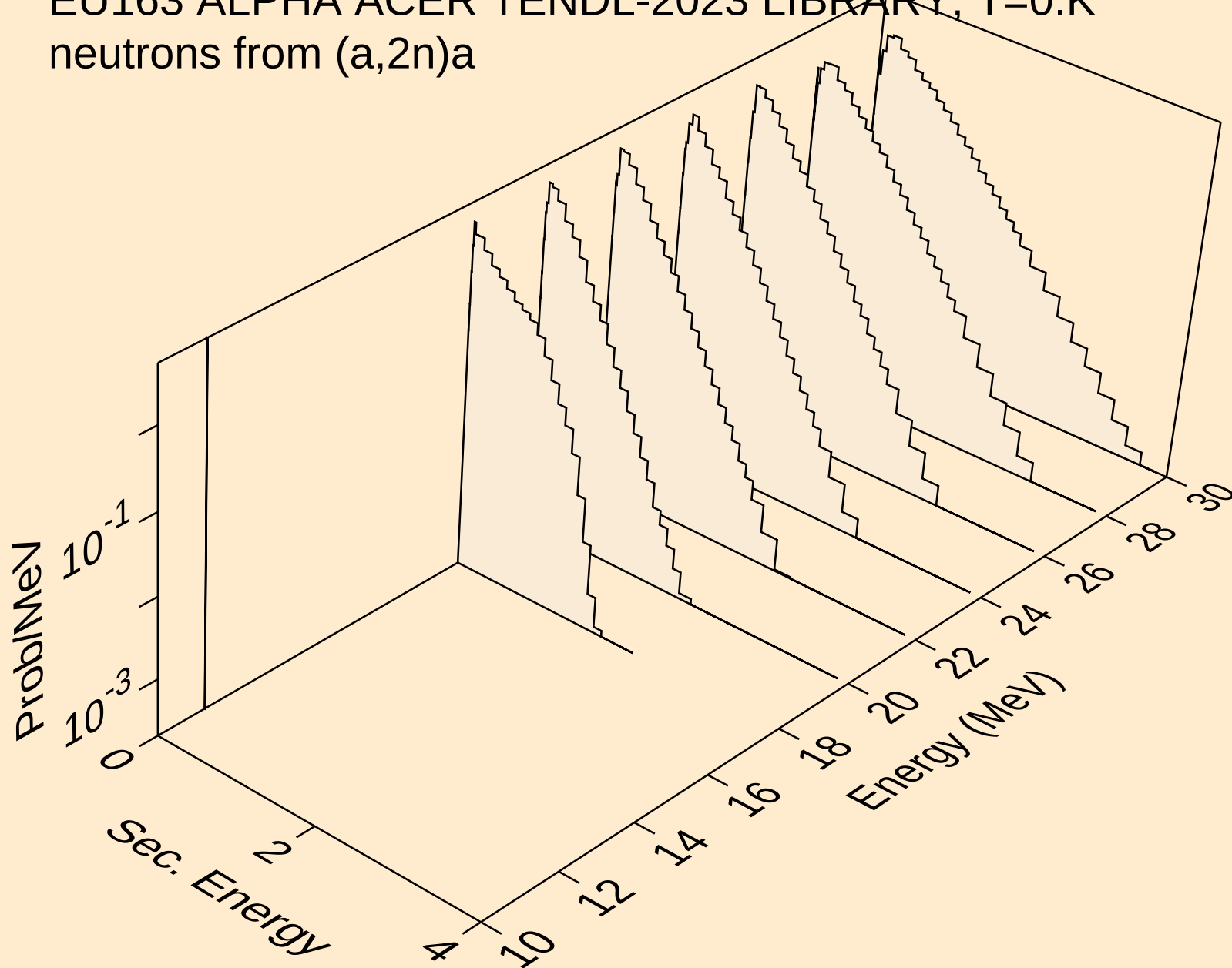
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neutrons from (a,3n)



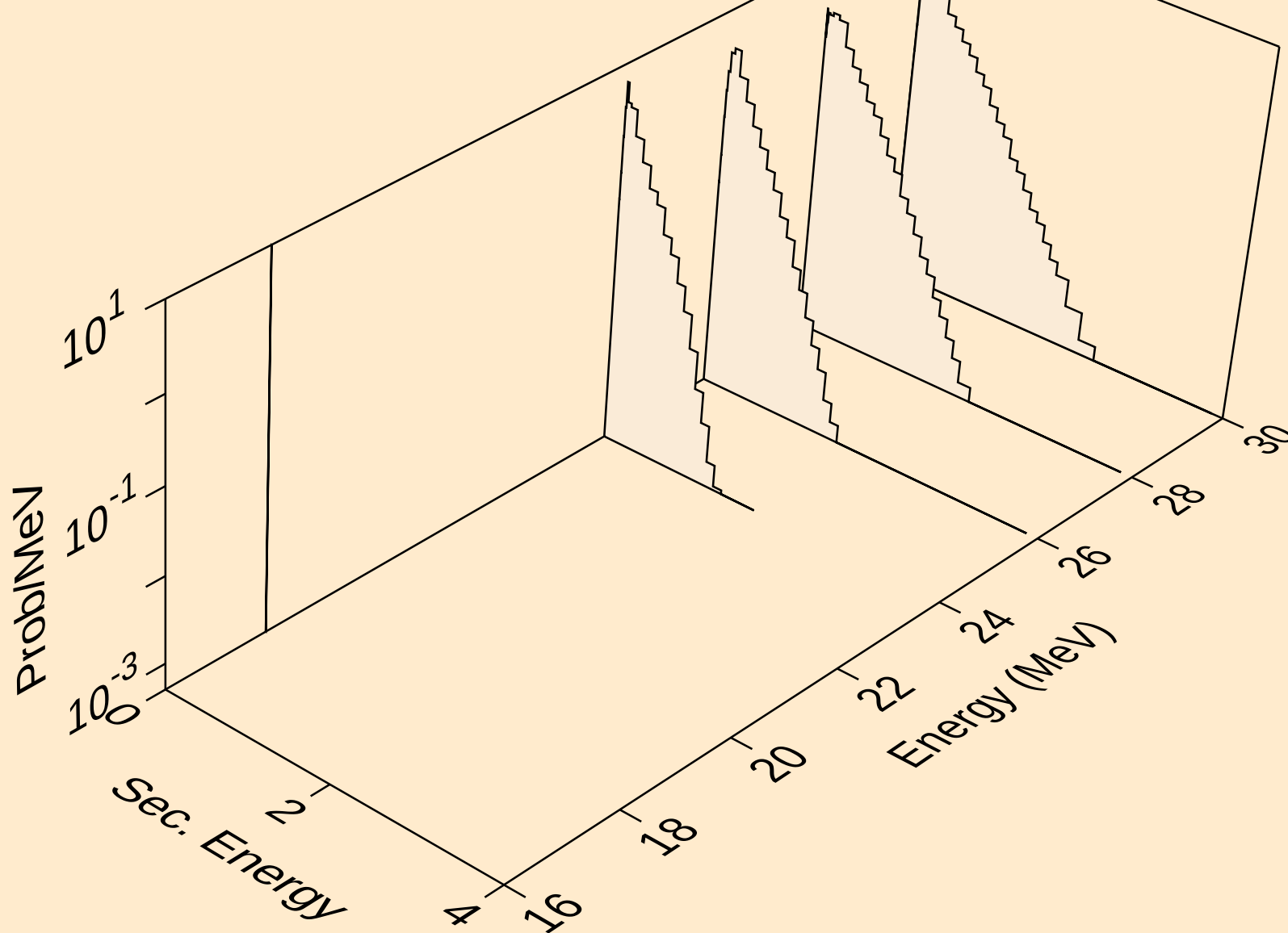
EU163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n*)a



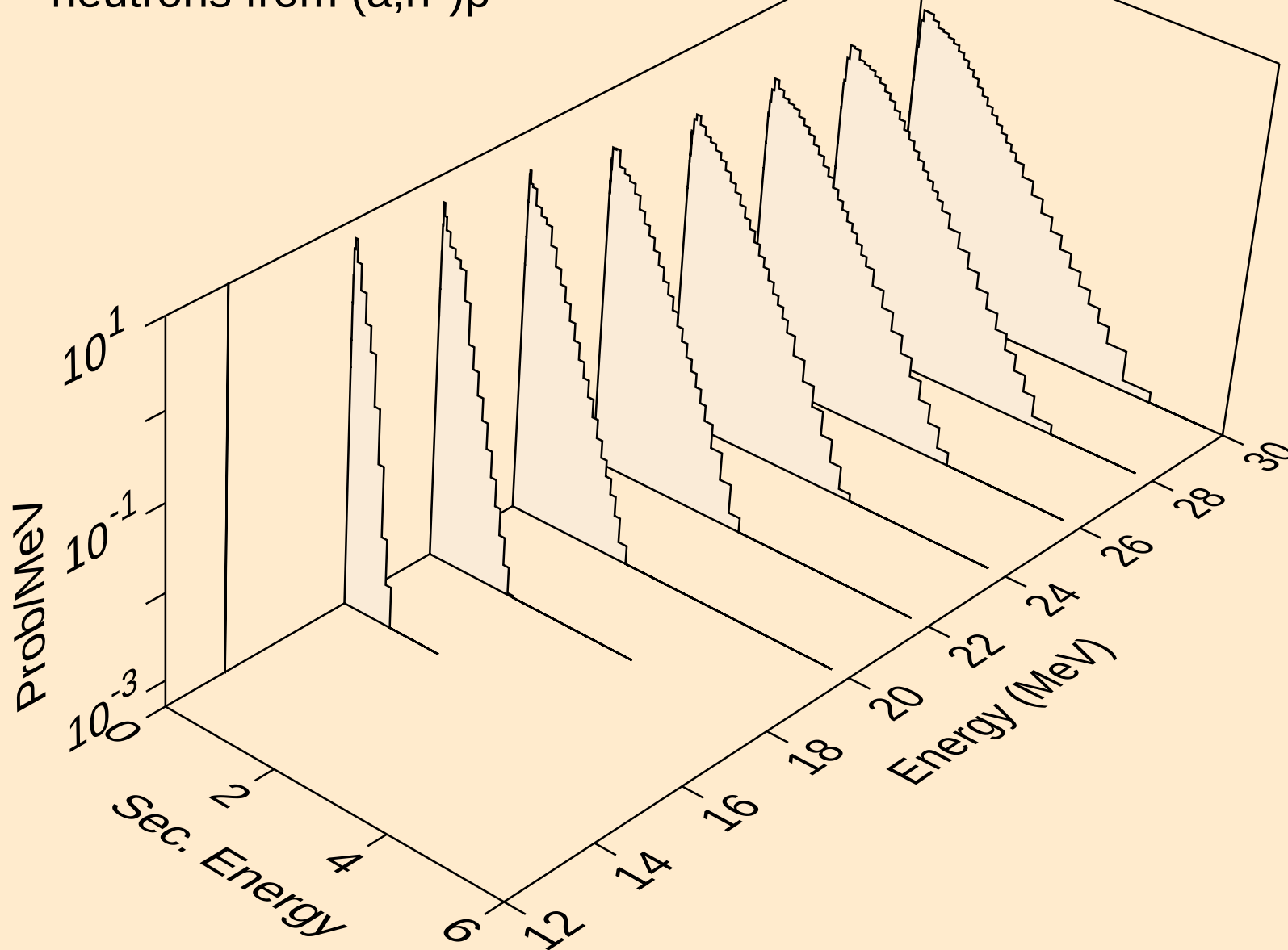
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neutrons from (a,2n)a



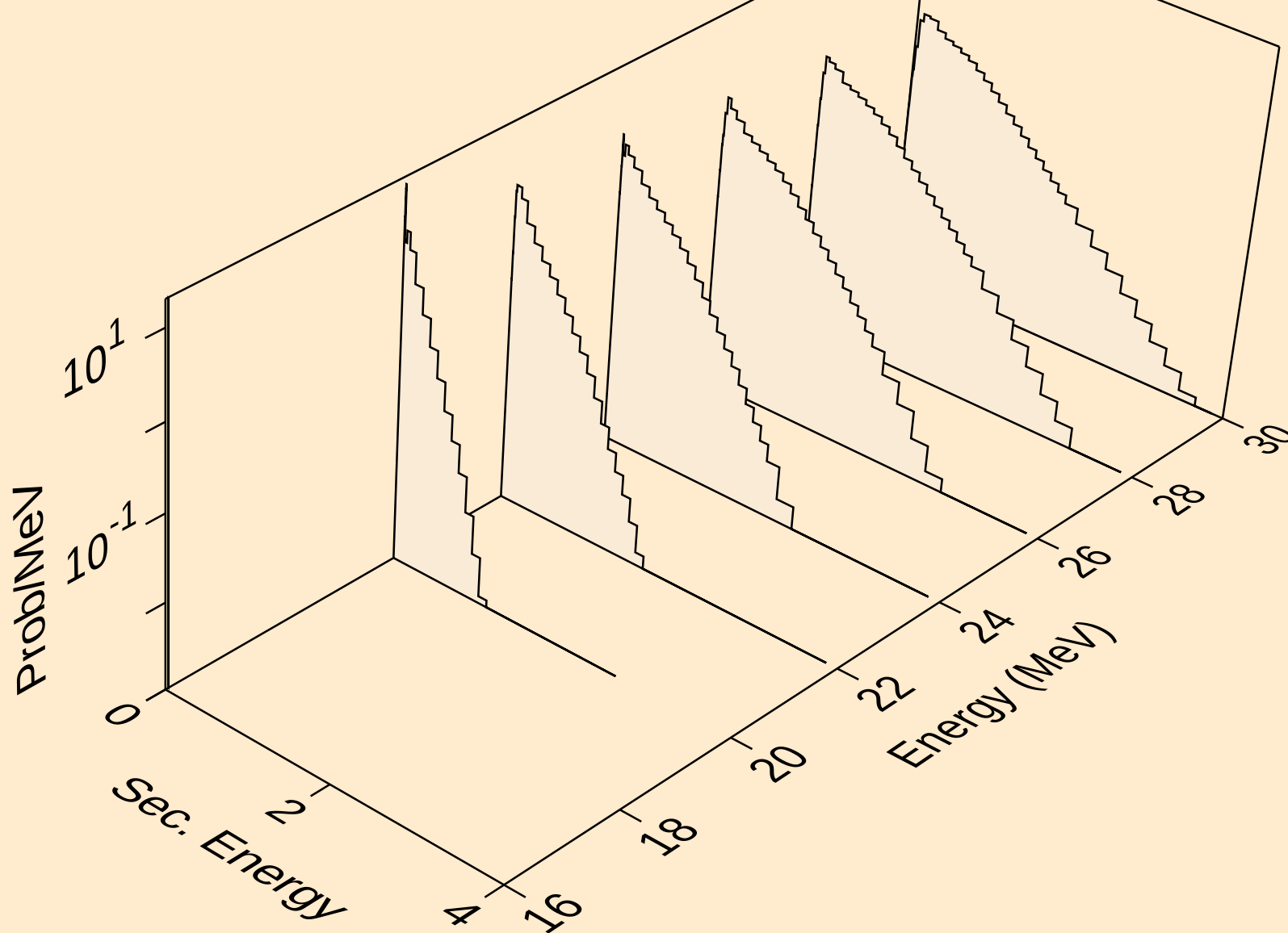
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neutrons from (a,3n)a



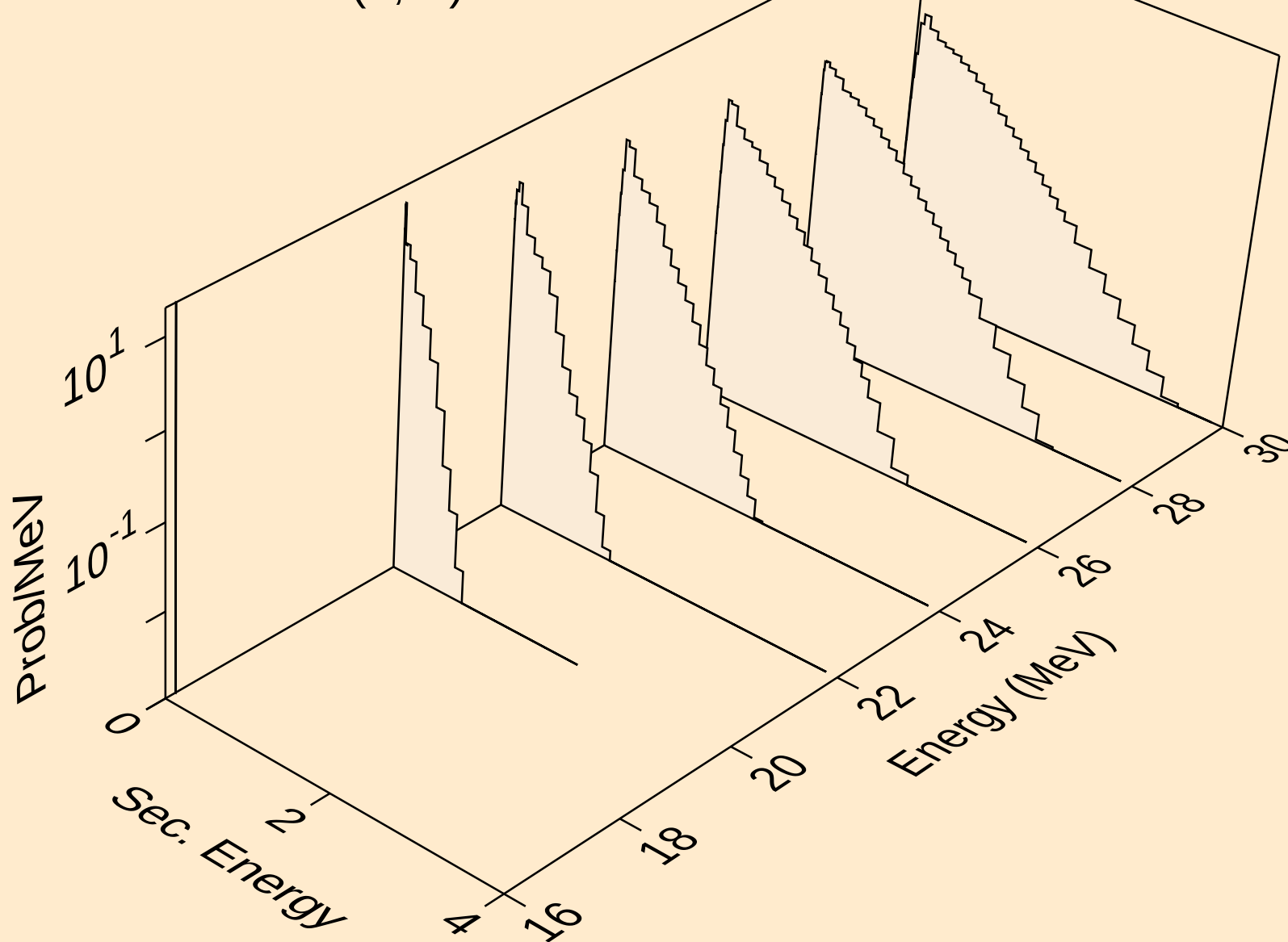
EU163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n*)p



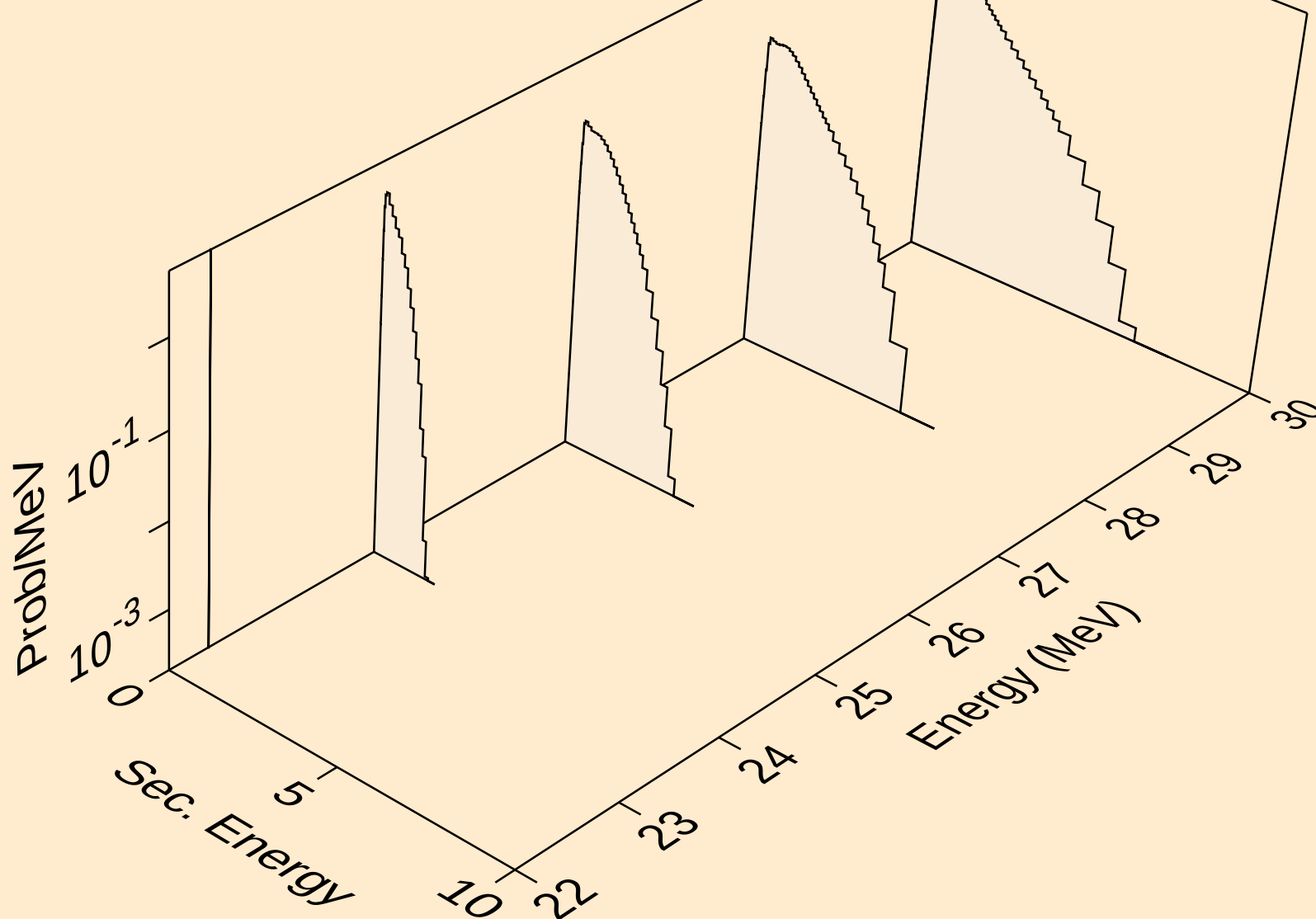
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neutrons from (a,n*)d



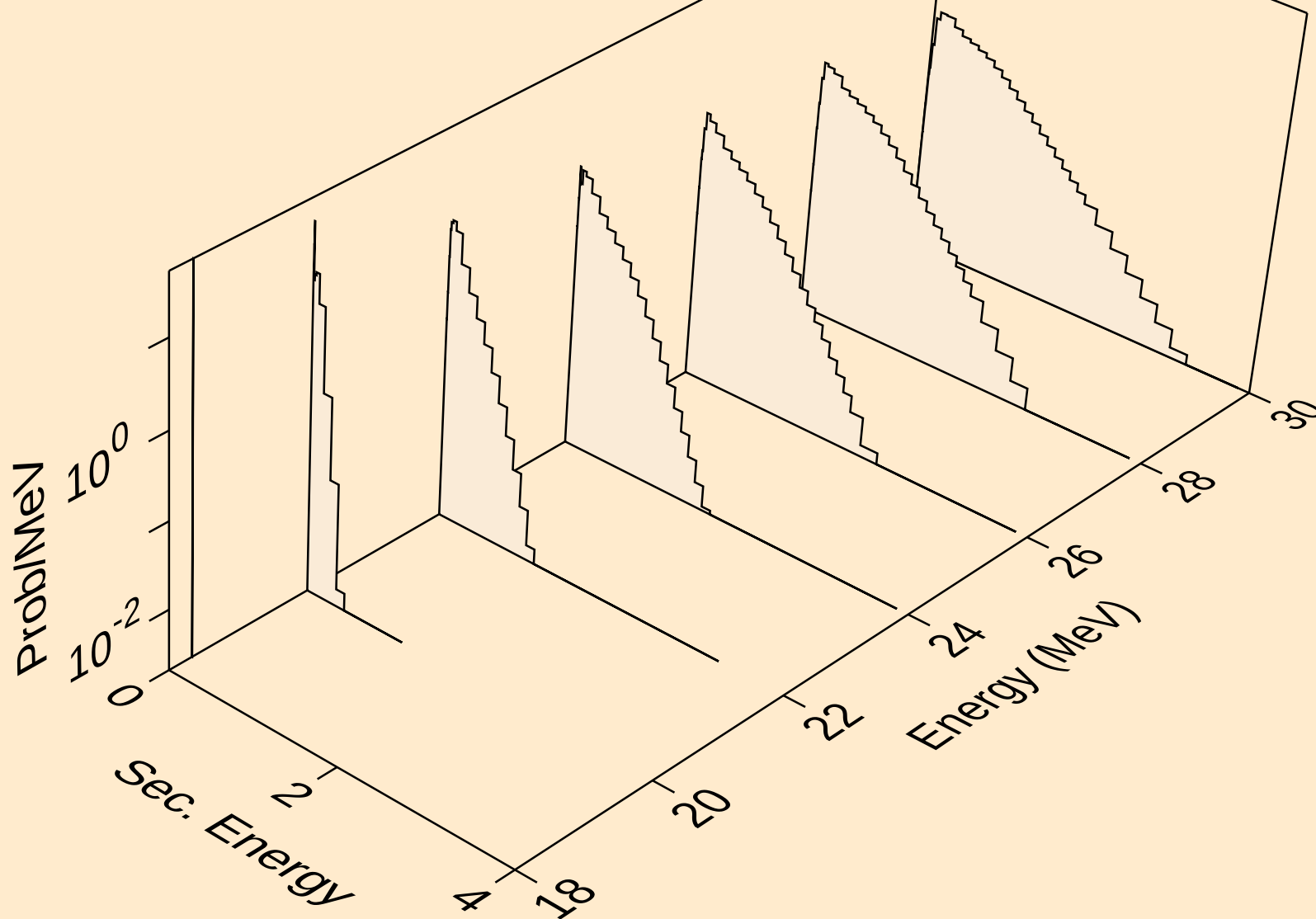
EU163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n*)t



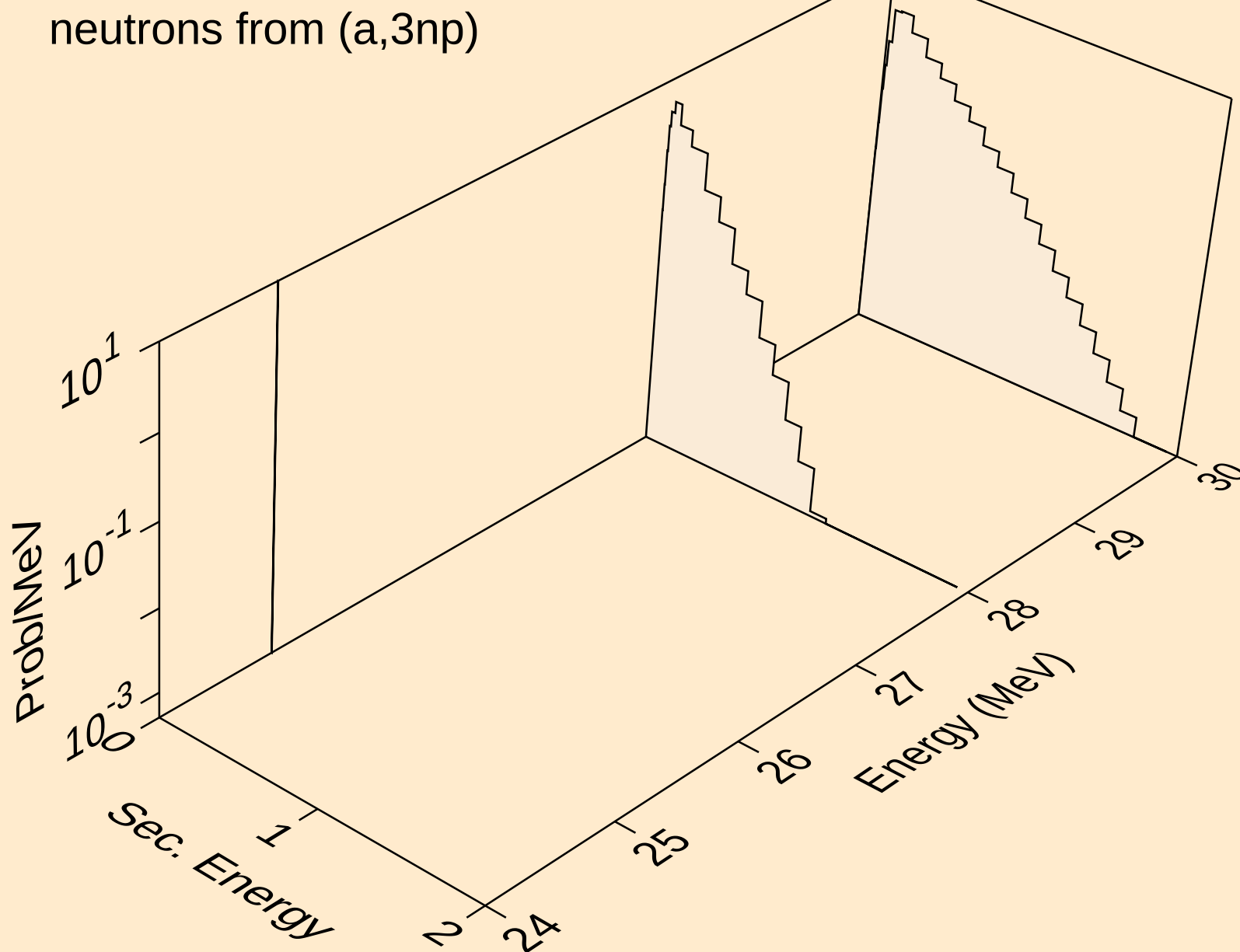
EU163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,4n)



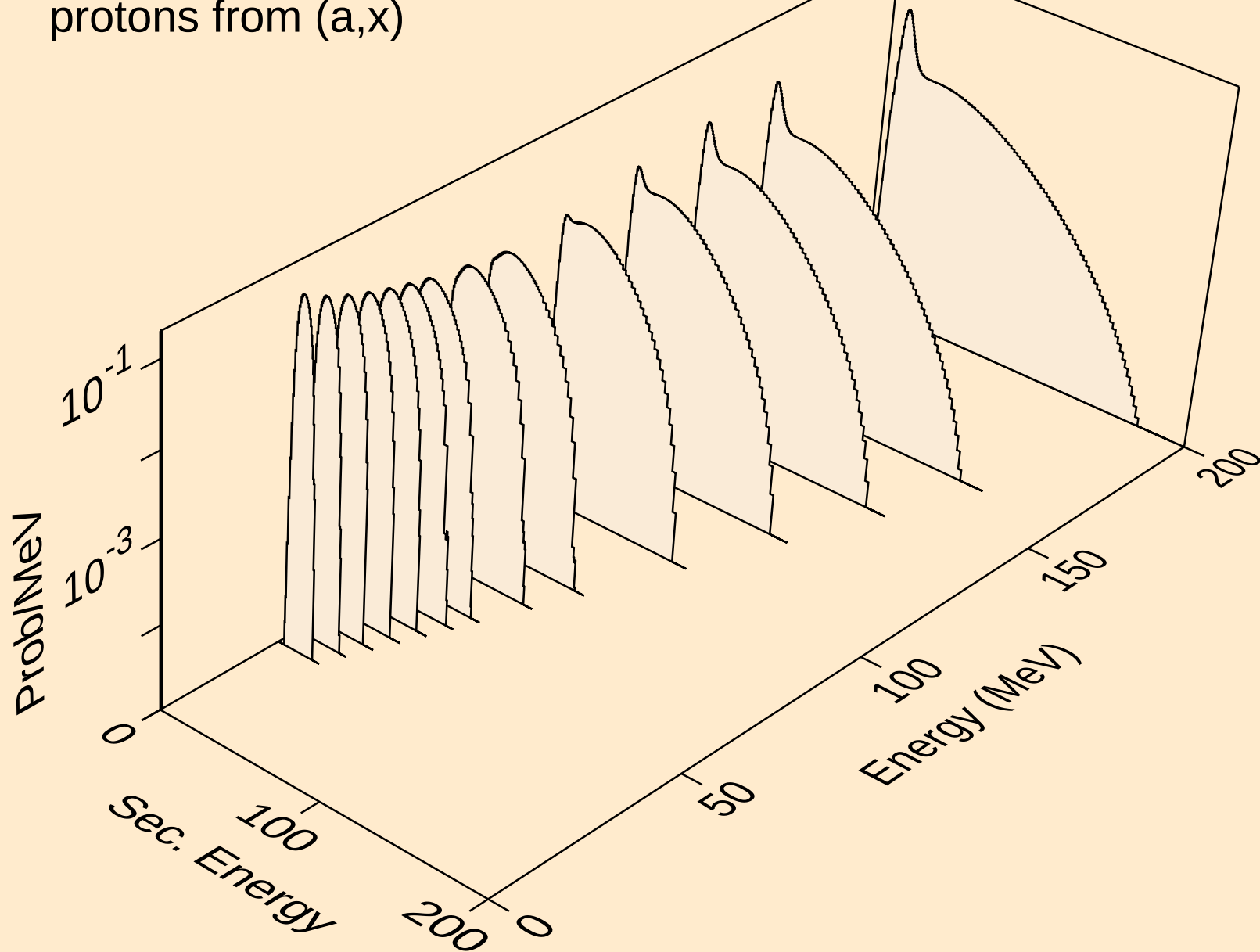
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neutrons from (a,2np)



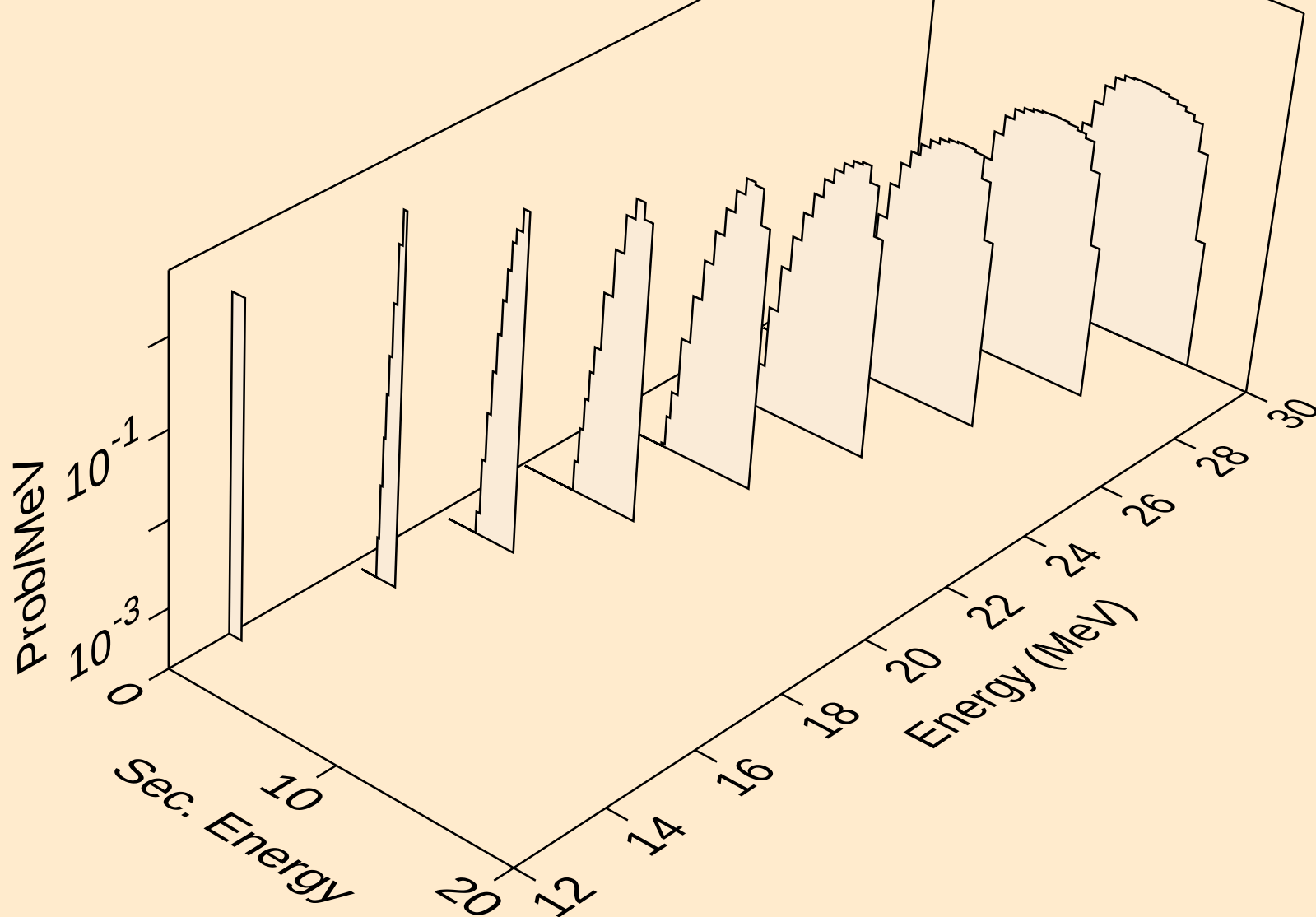
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neutrons from (a,3np)



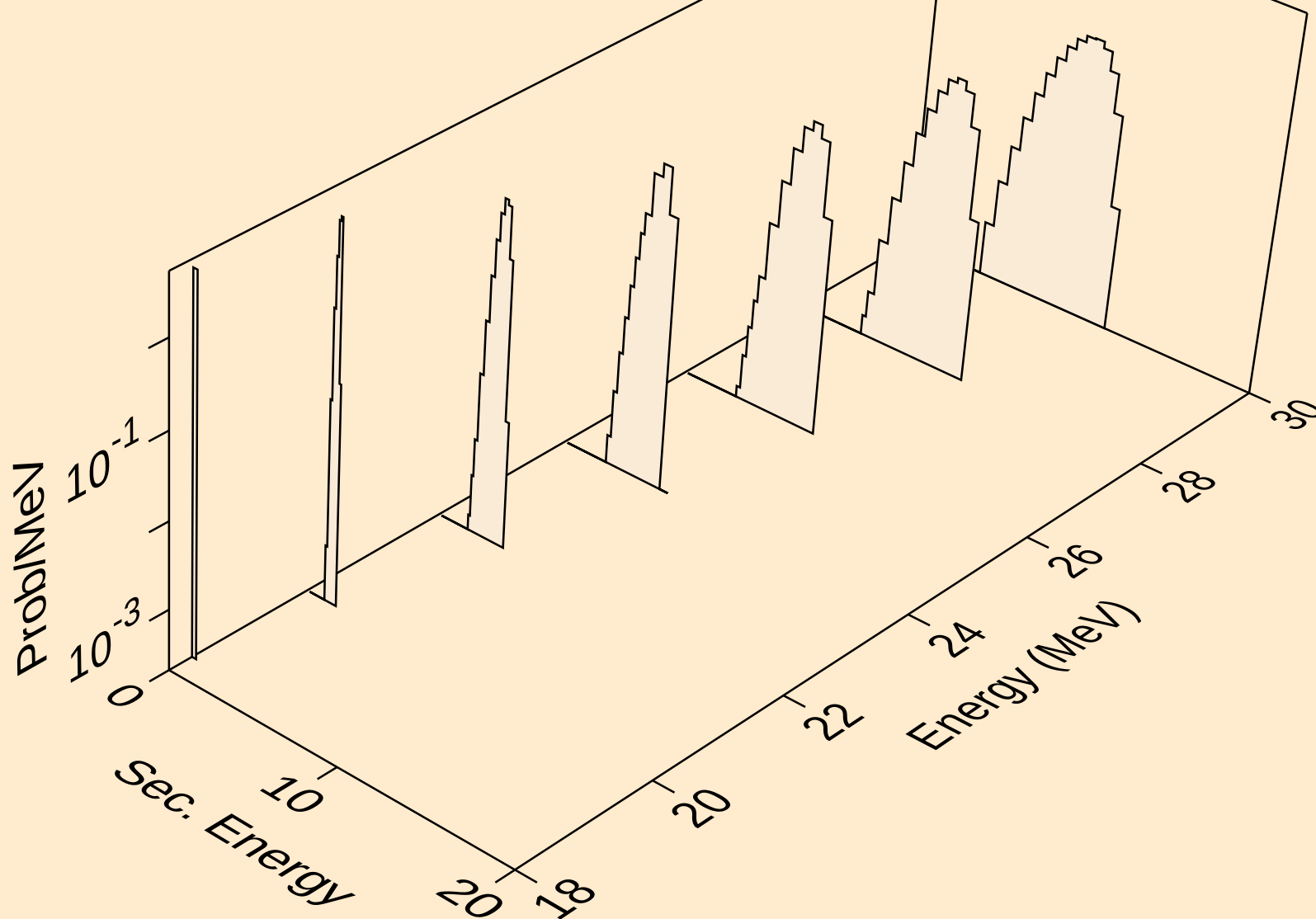
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protons from (a,x)



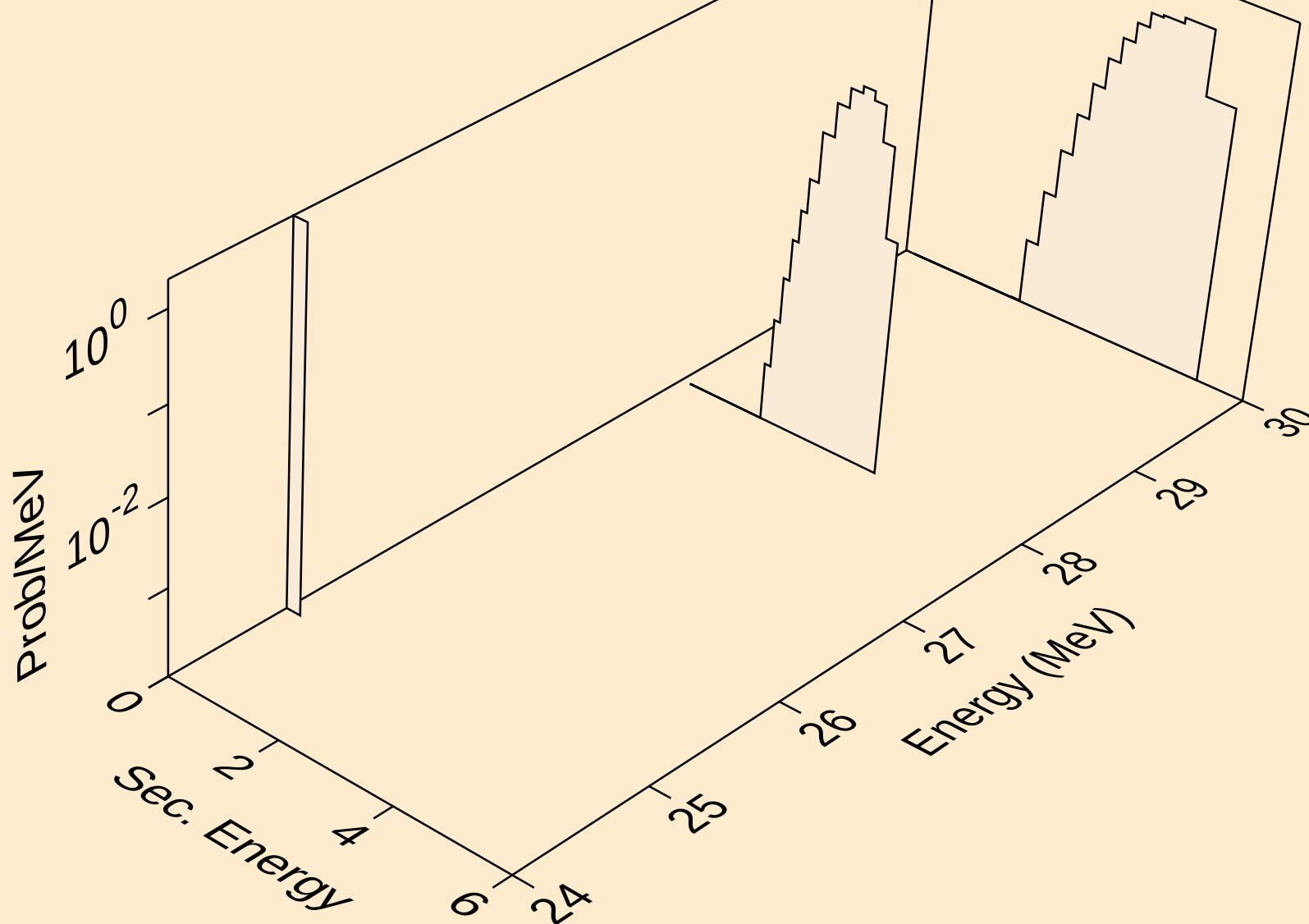
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protons from (a,n*)p



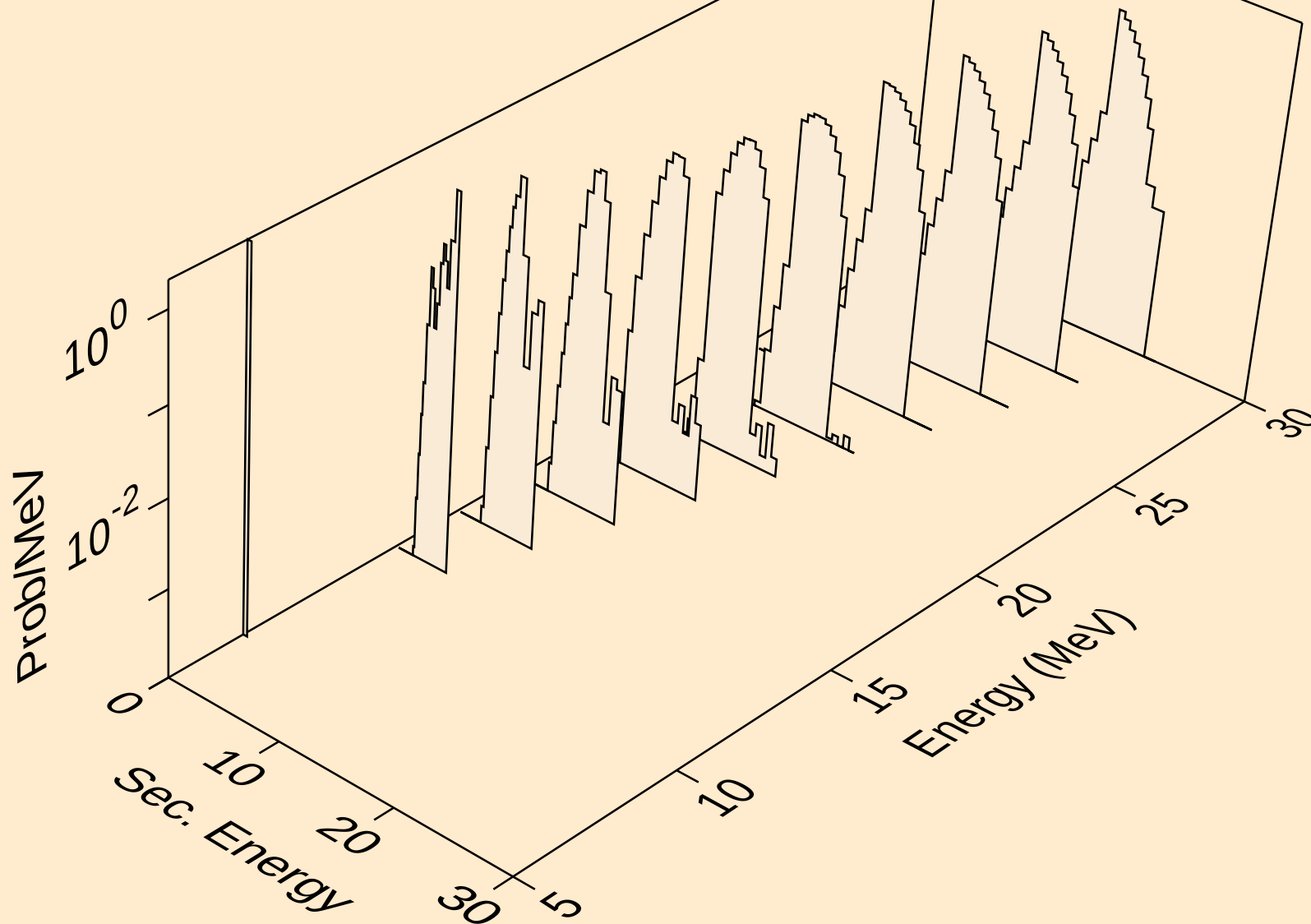
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protons from (a,2np)



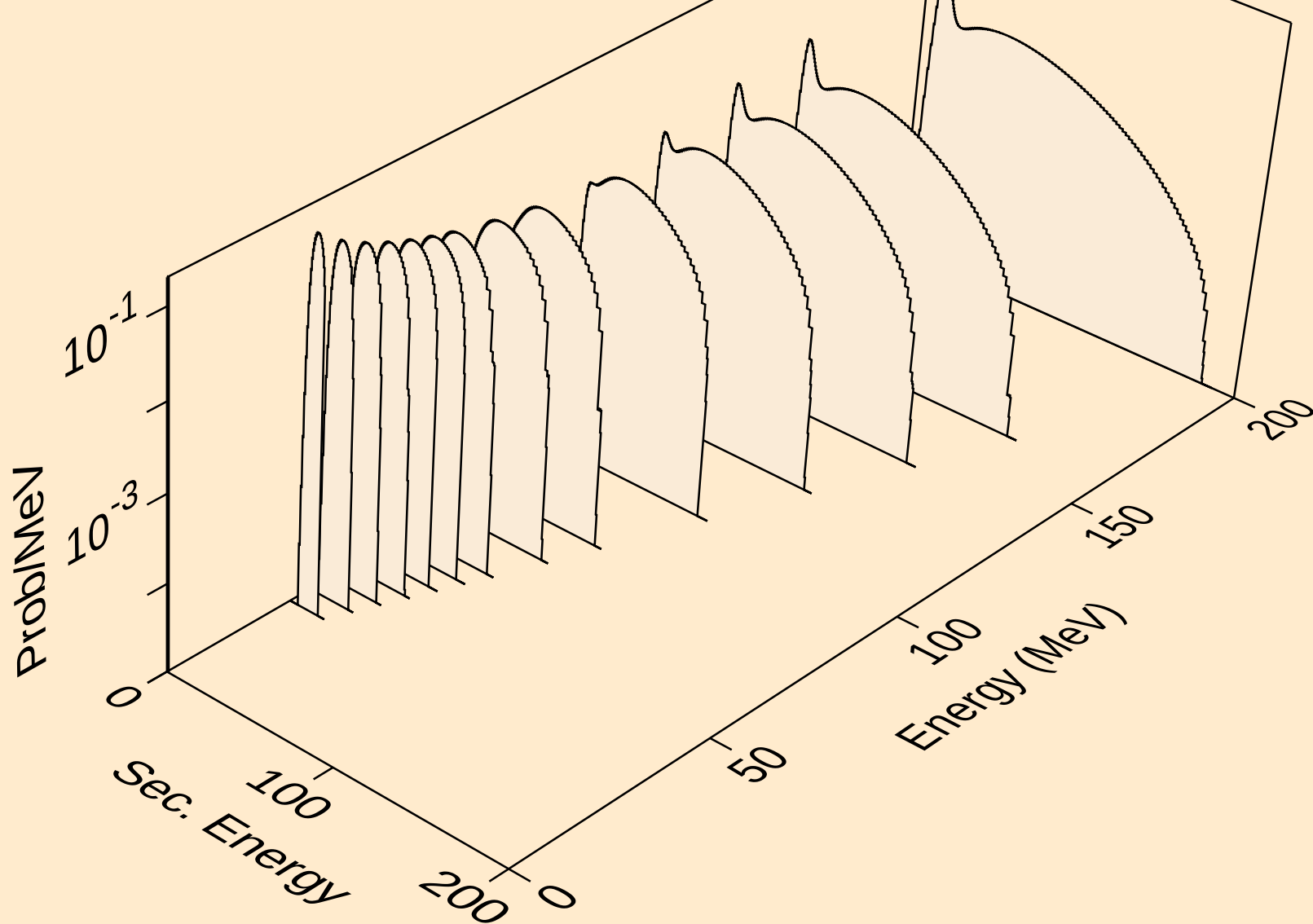
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protons from (a,3np)



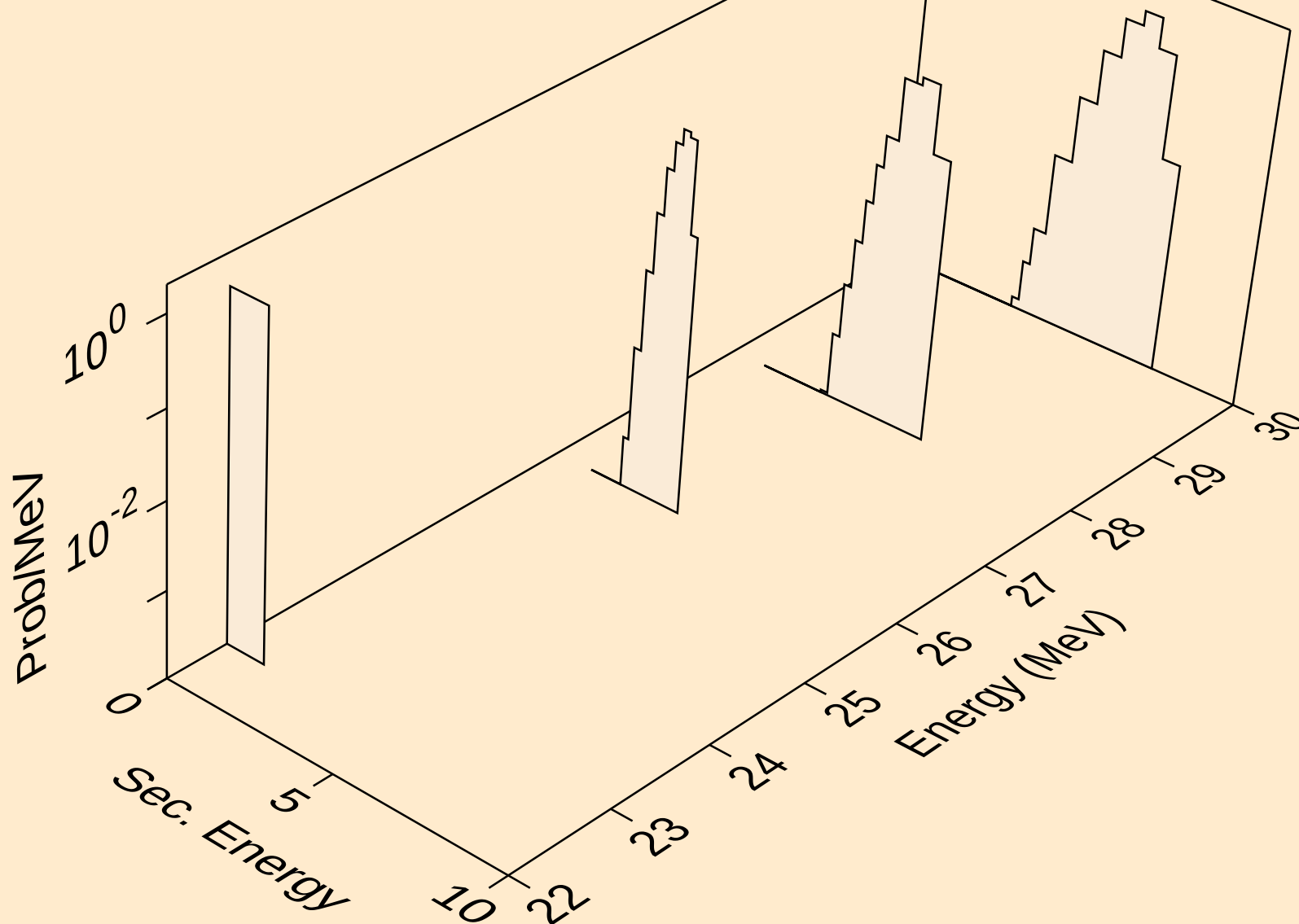
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protons from (a,p)



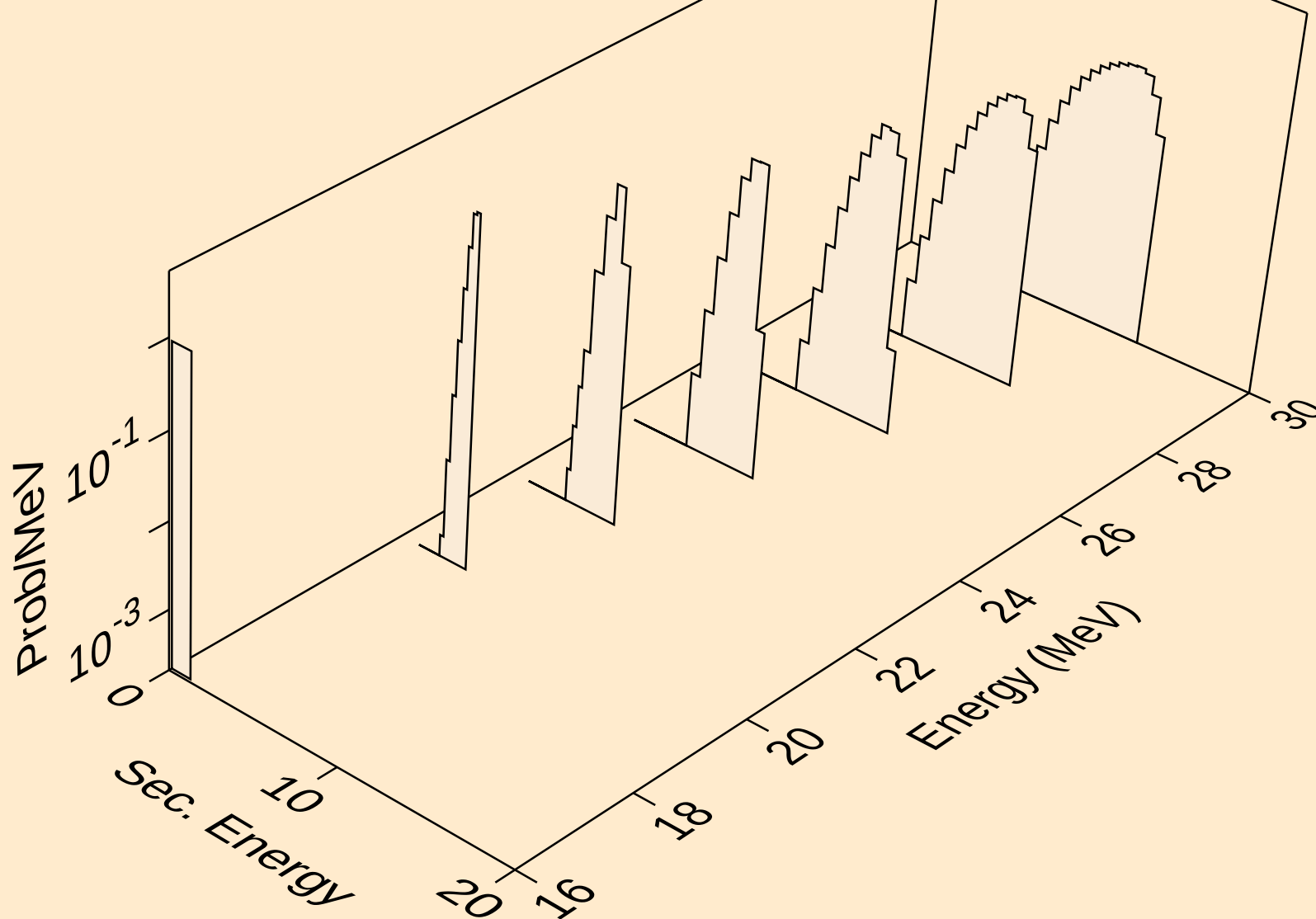
EU163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (a,x)



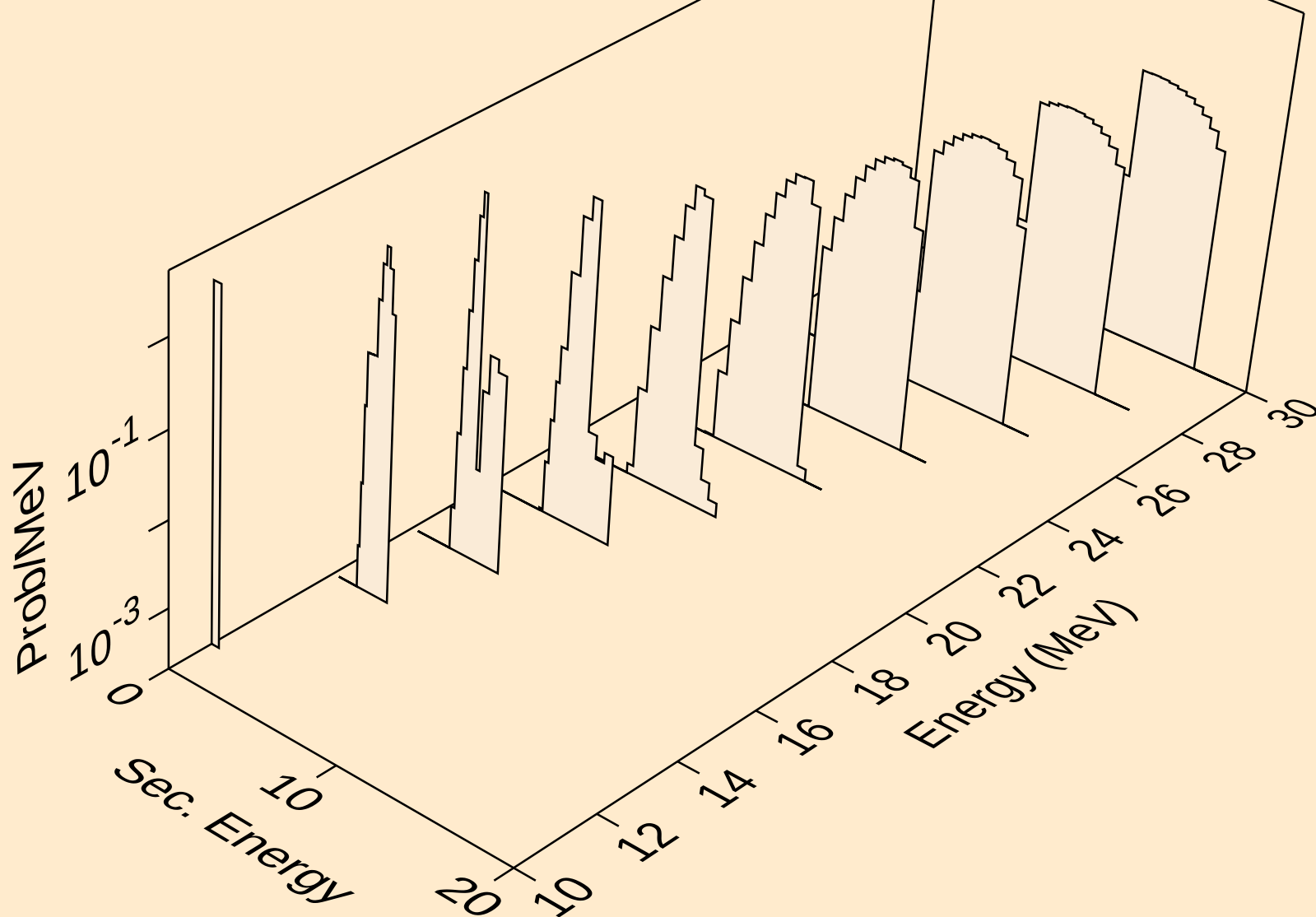
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deuterons from (a,2nd)



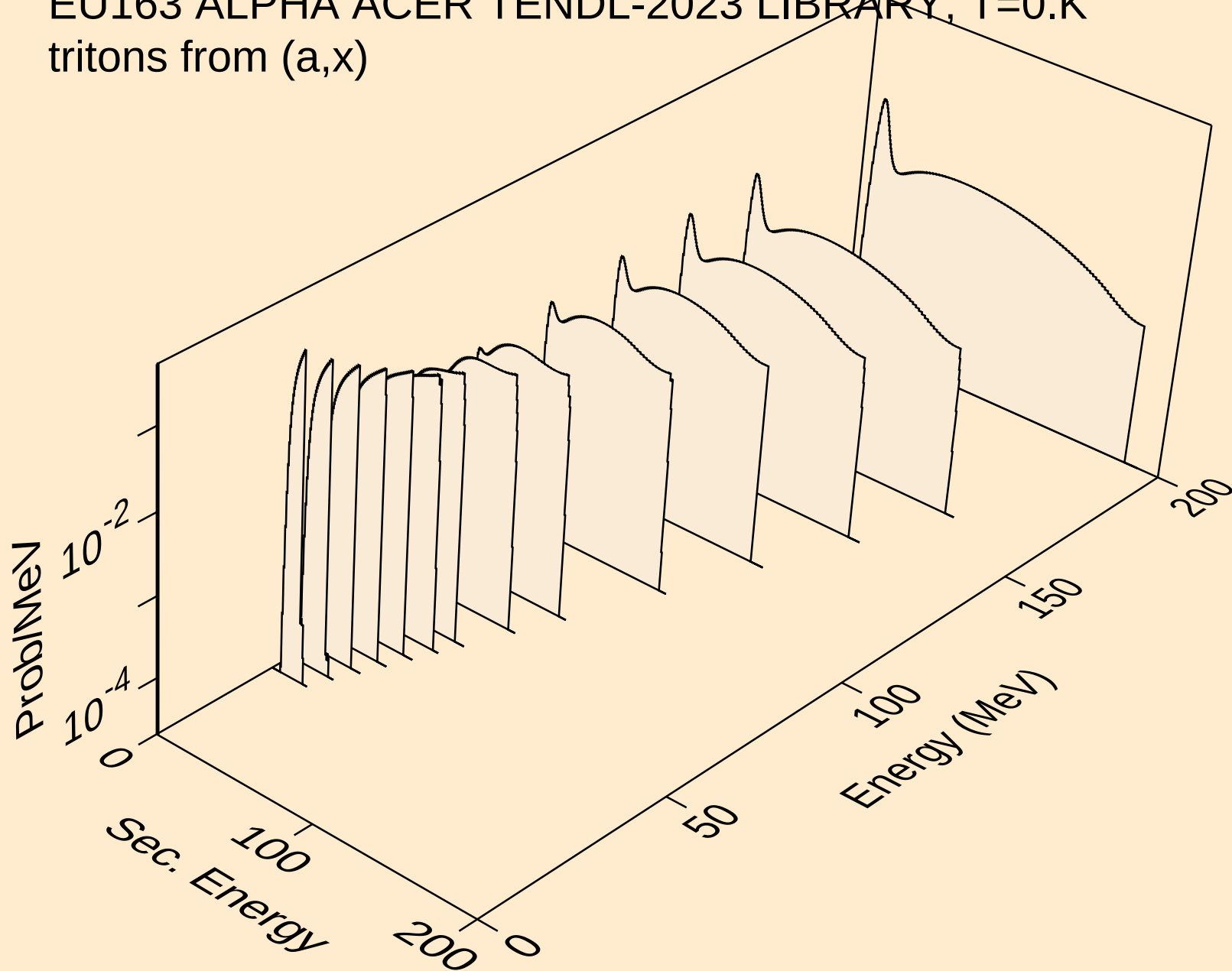
EU163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (a,n*)d



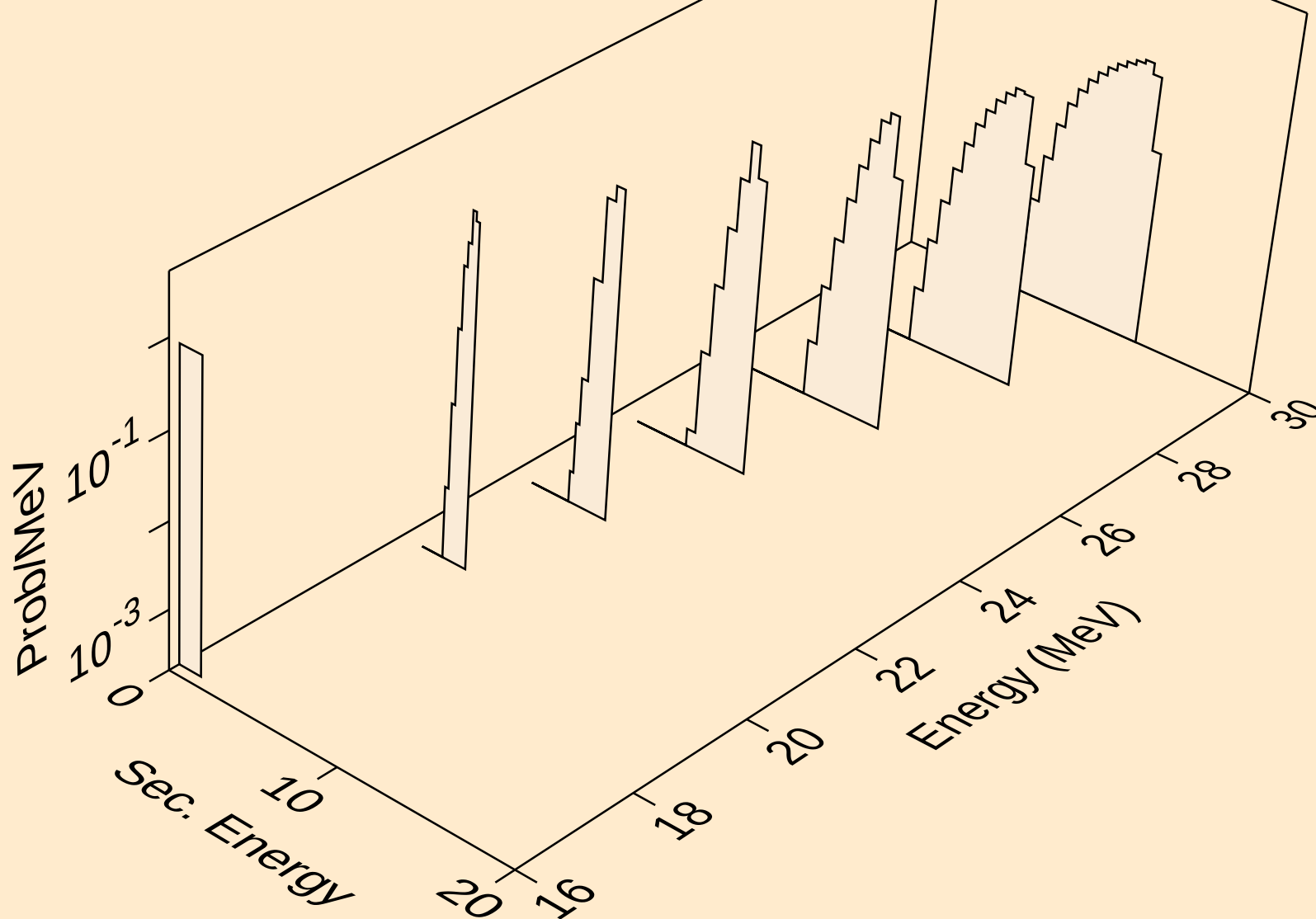
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deuterons from (a,d)



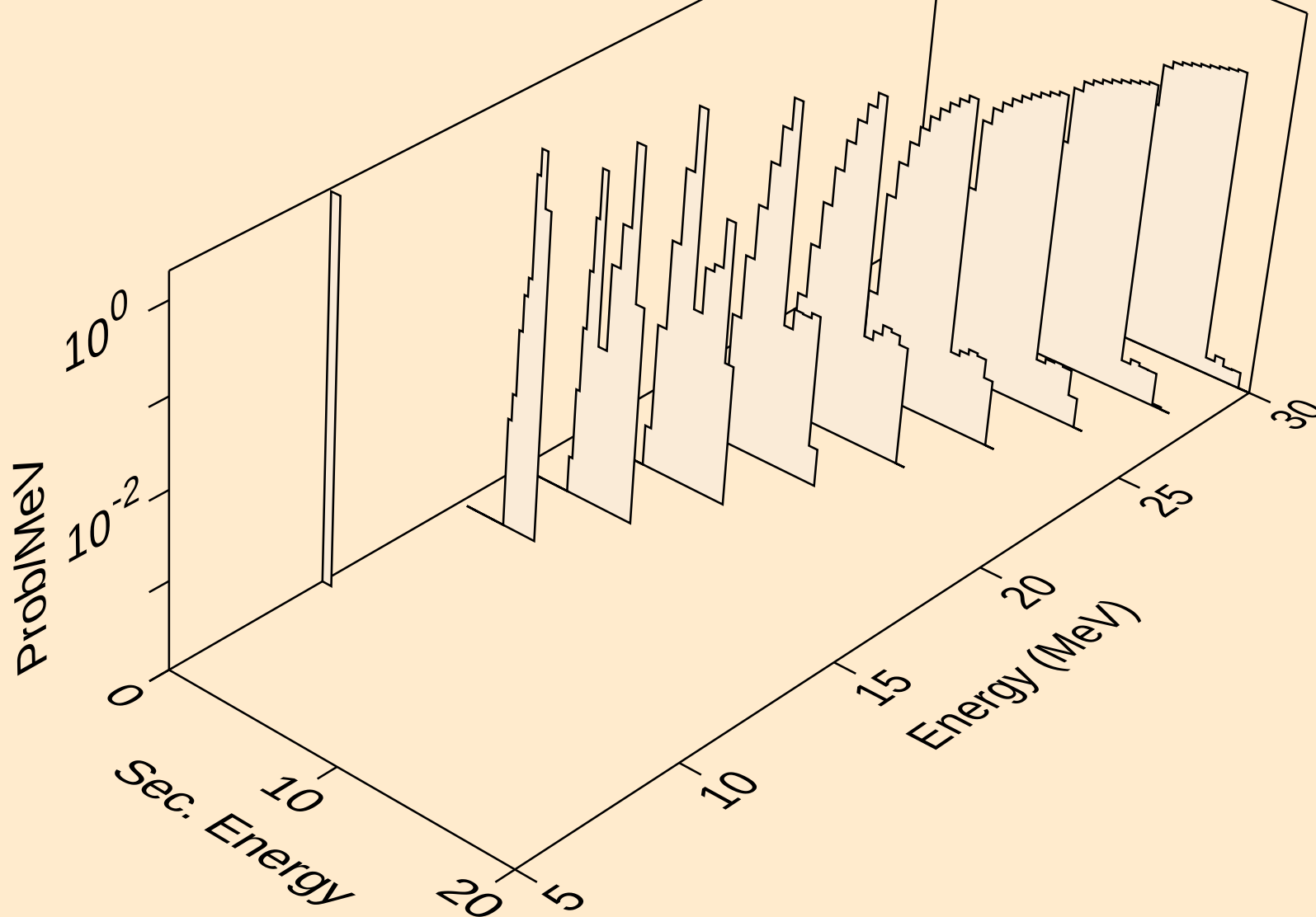
EU163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
tritons from (a,x)



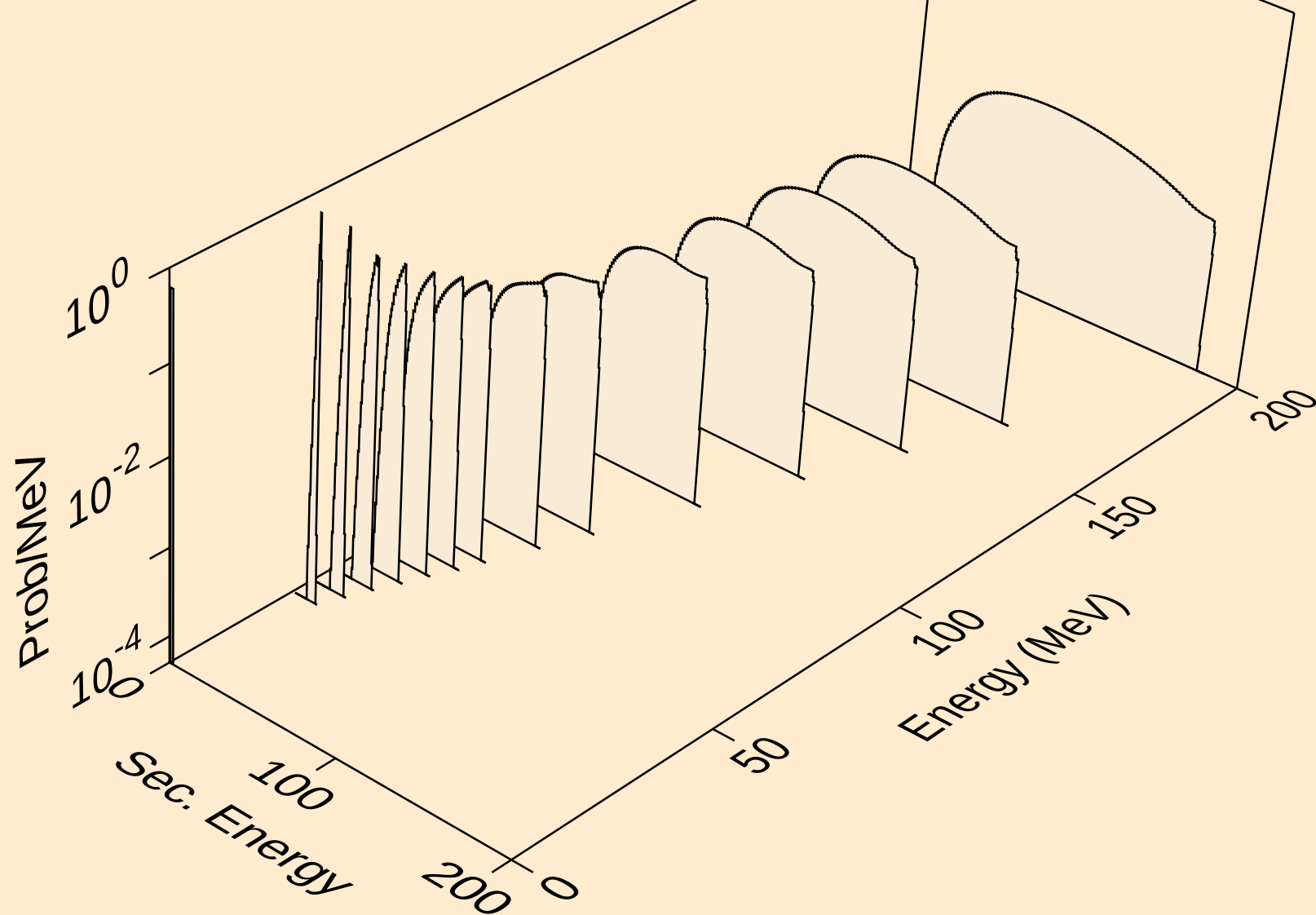
EU163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
tritons from (a,n*)t



EU163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
tritons from (a,t)



EU163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
he3s from (a,x)



EU163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
he3s from (a,he3)

