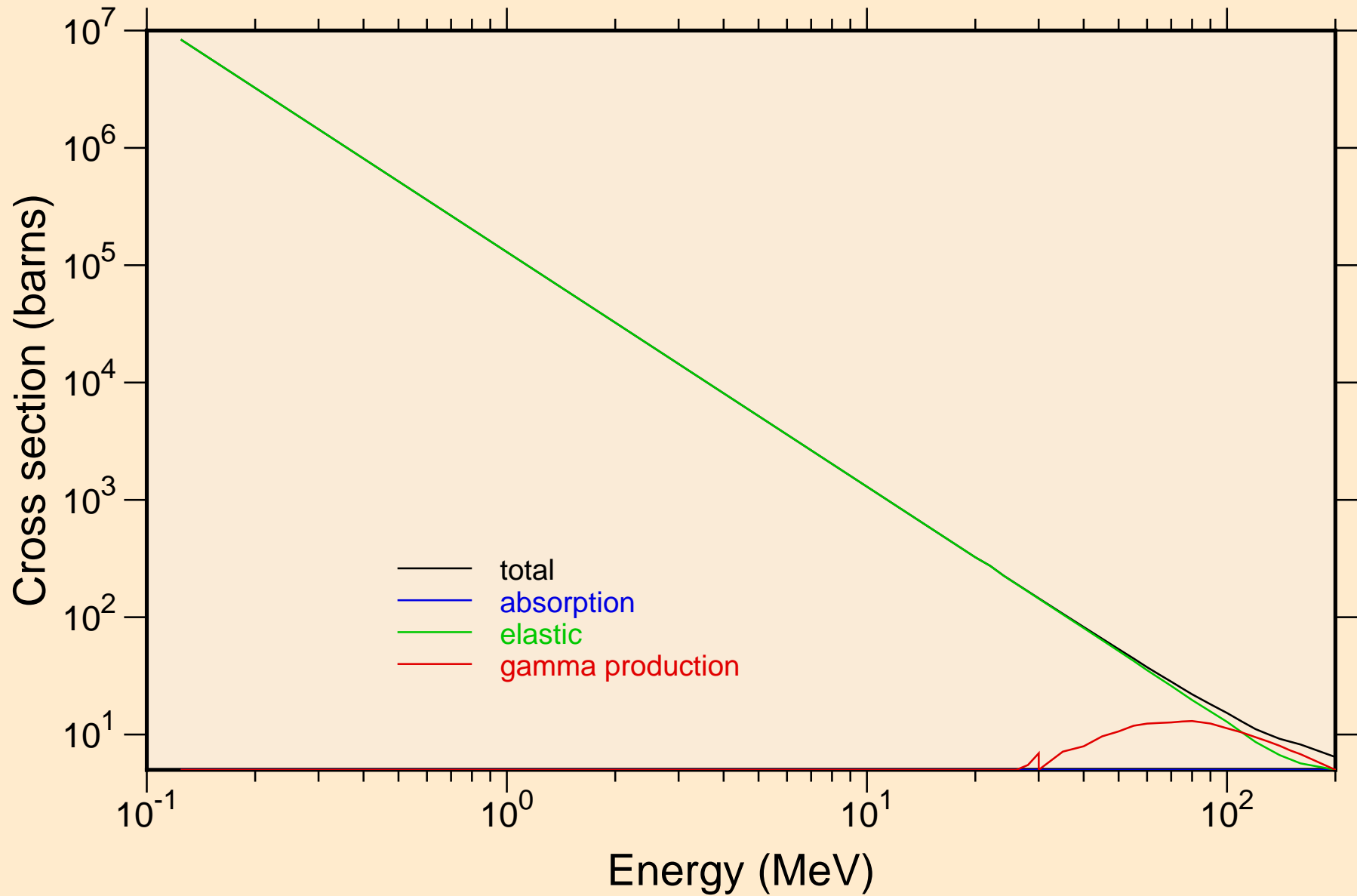
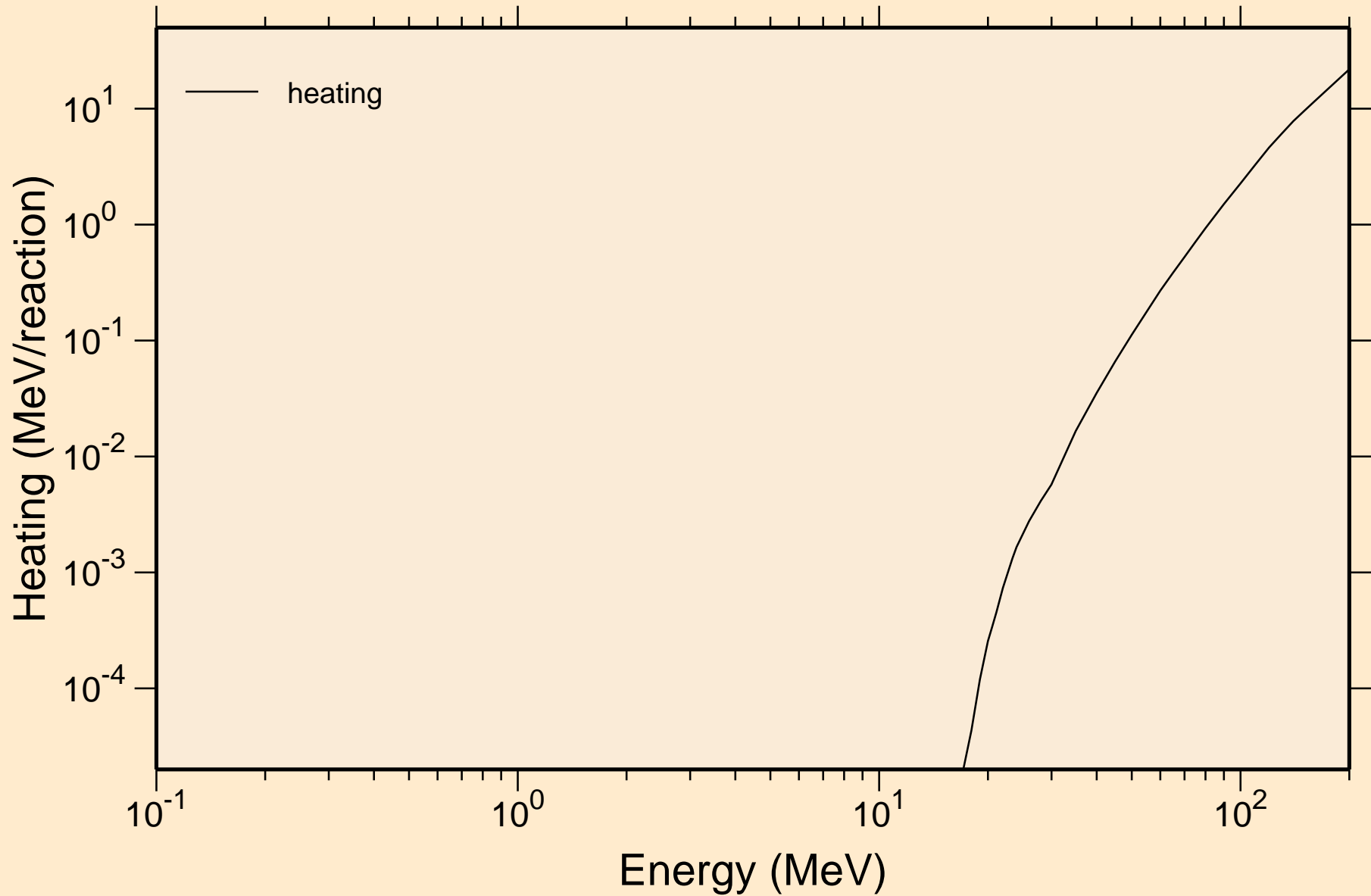


LU169 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Principal cross sections



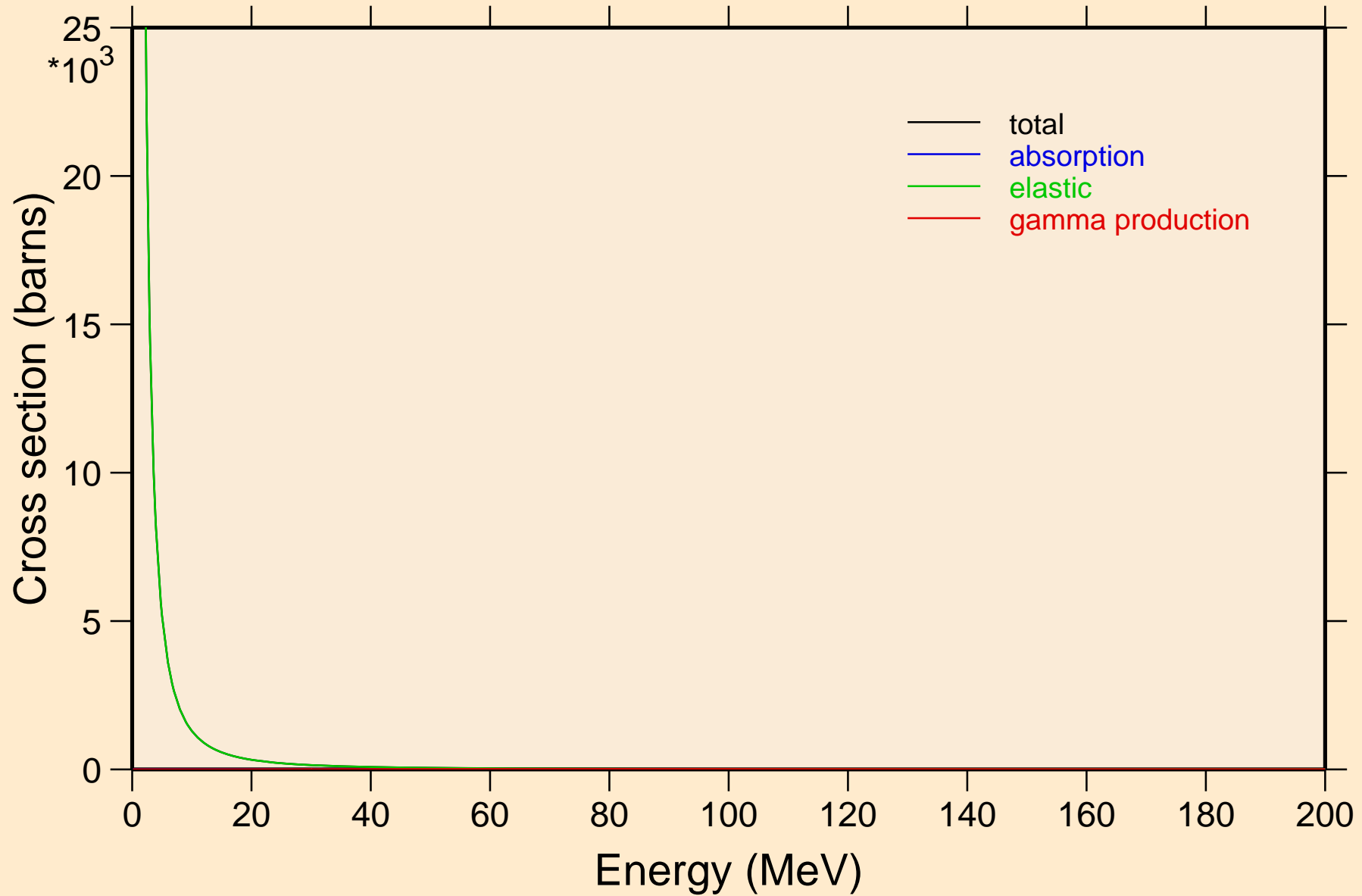
LU169 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating



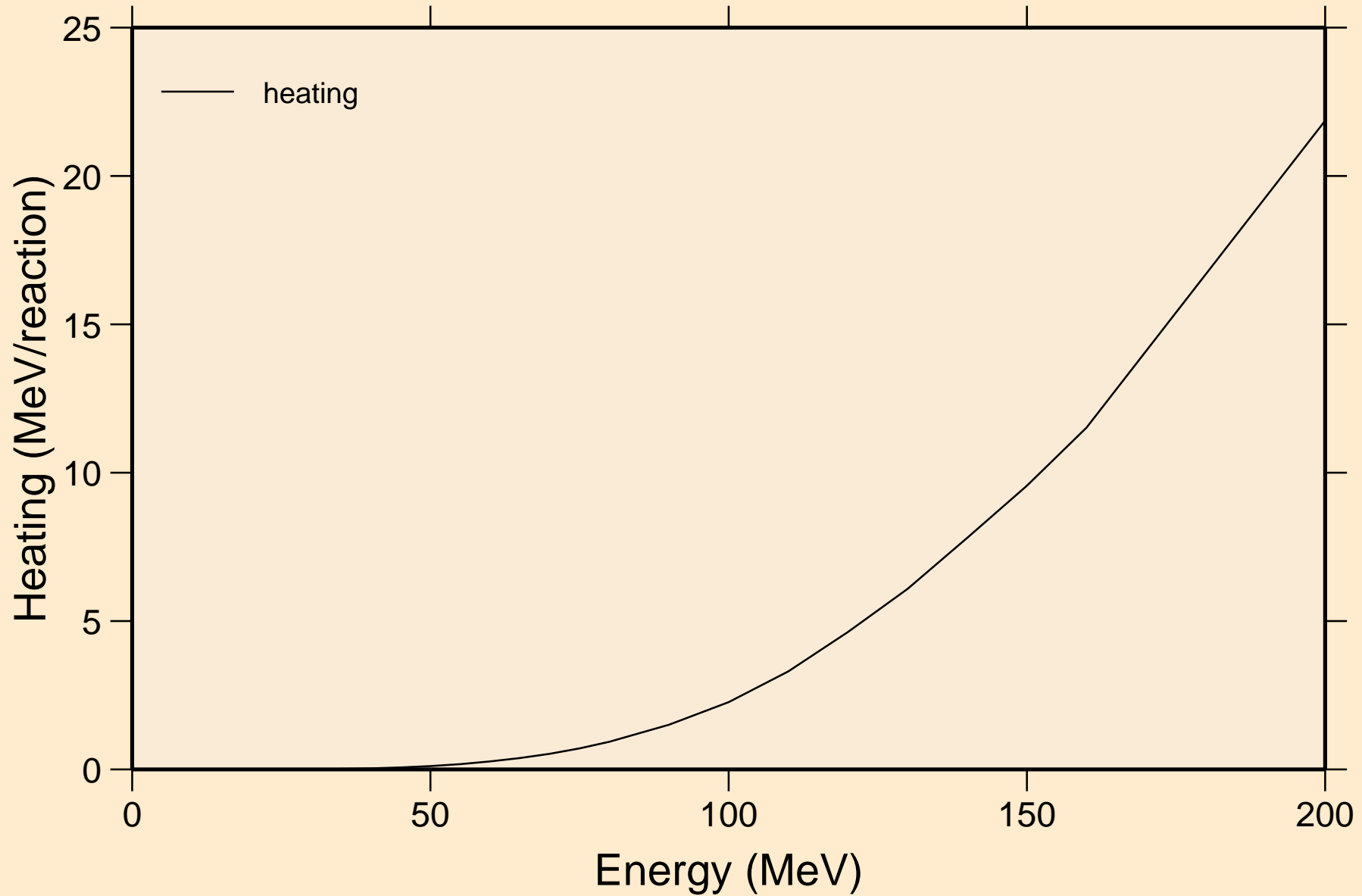
LU169 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections

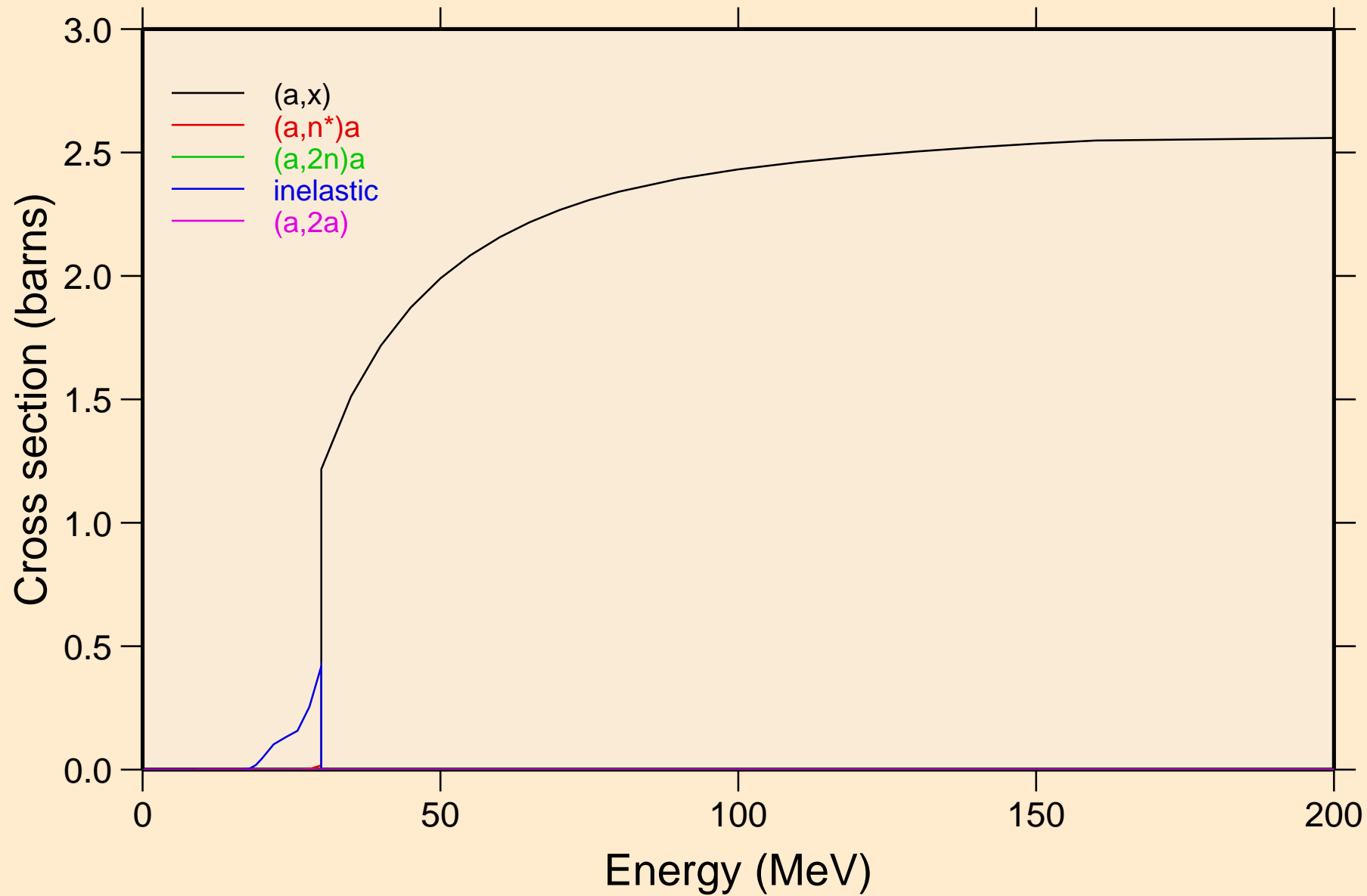


LU169 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

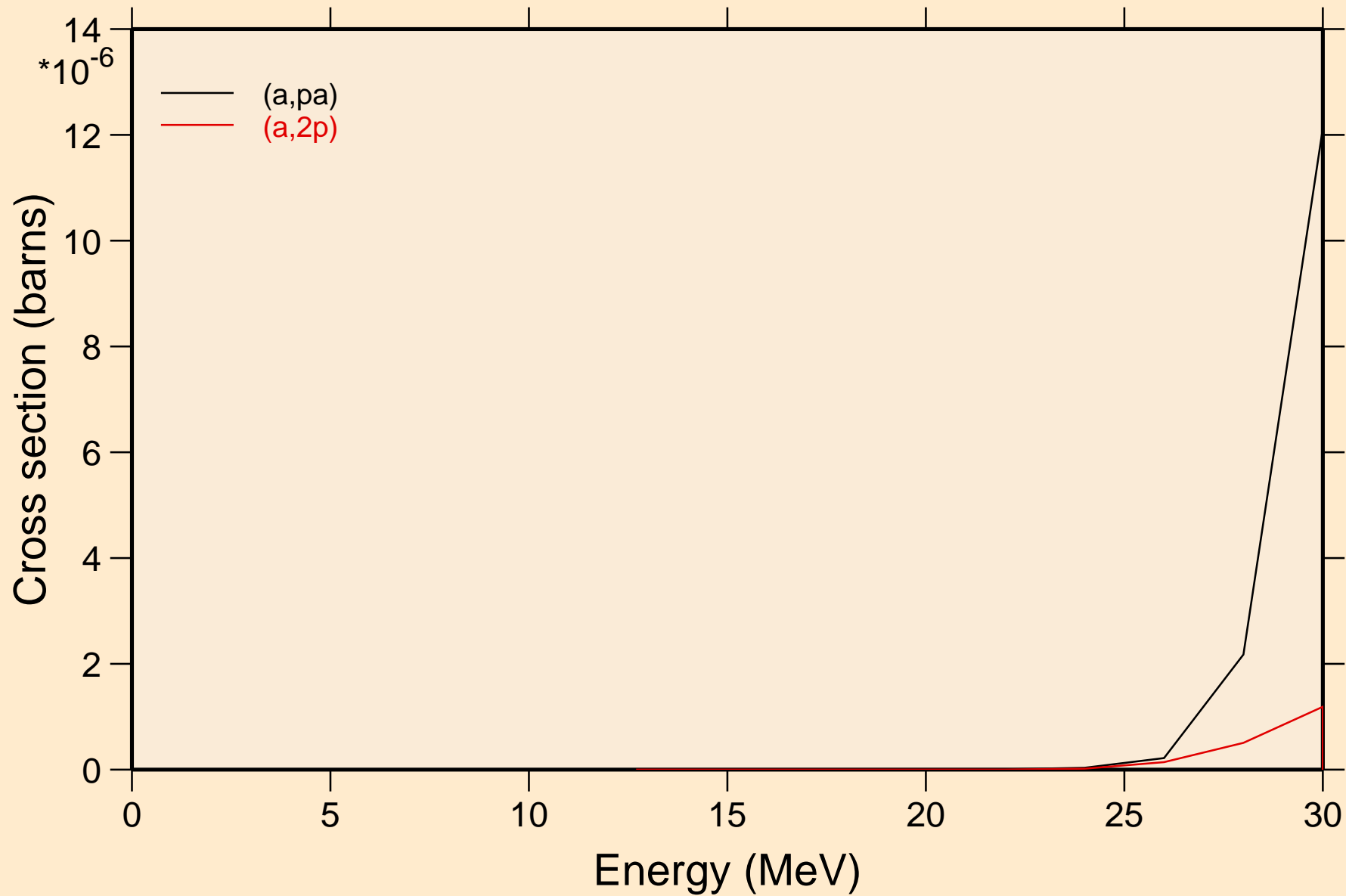
Heating



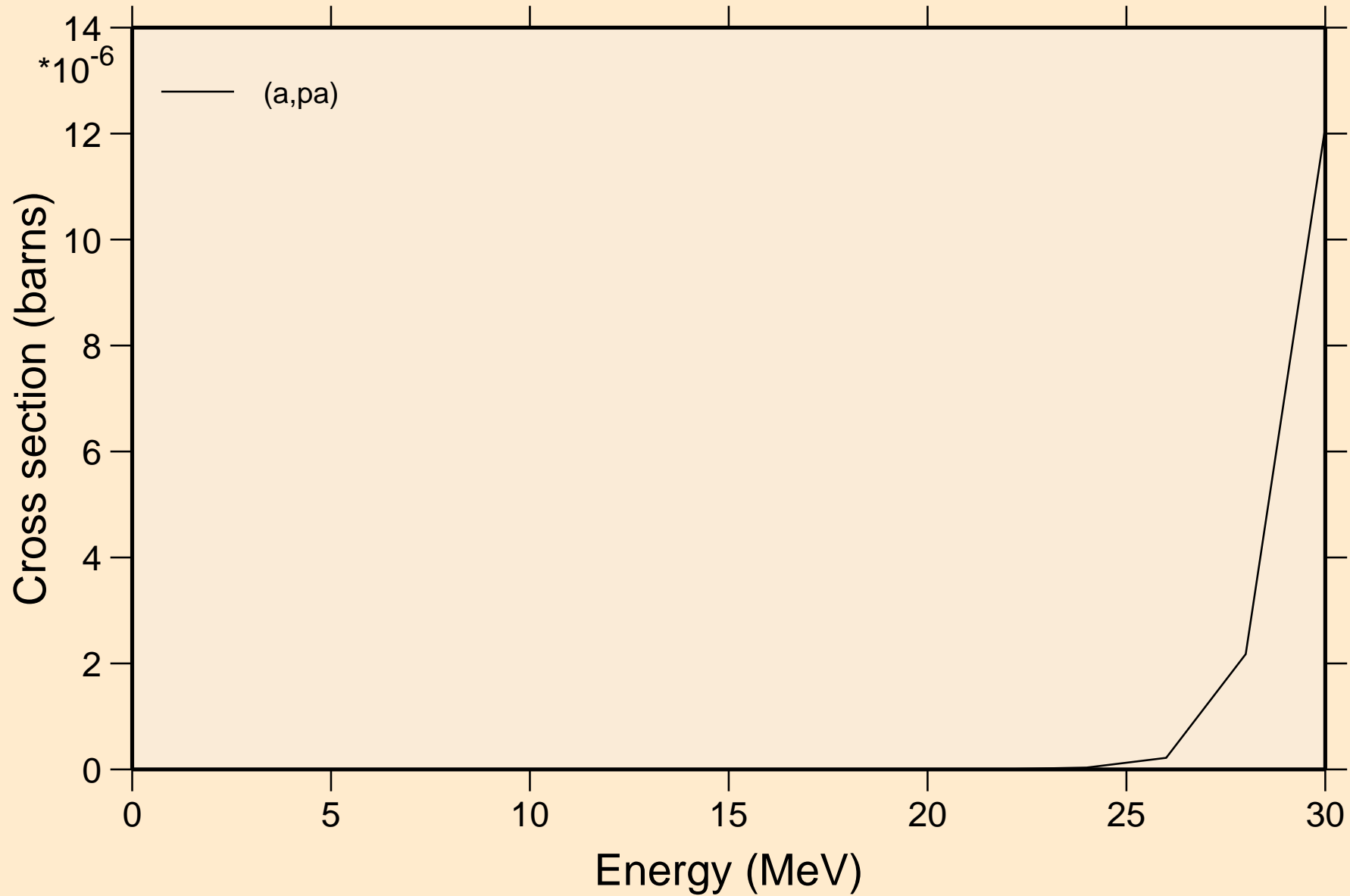
LU169 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



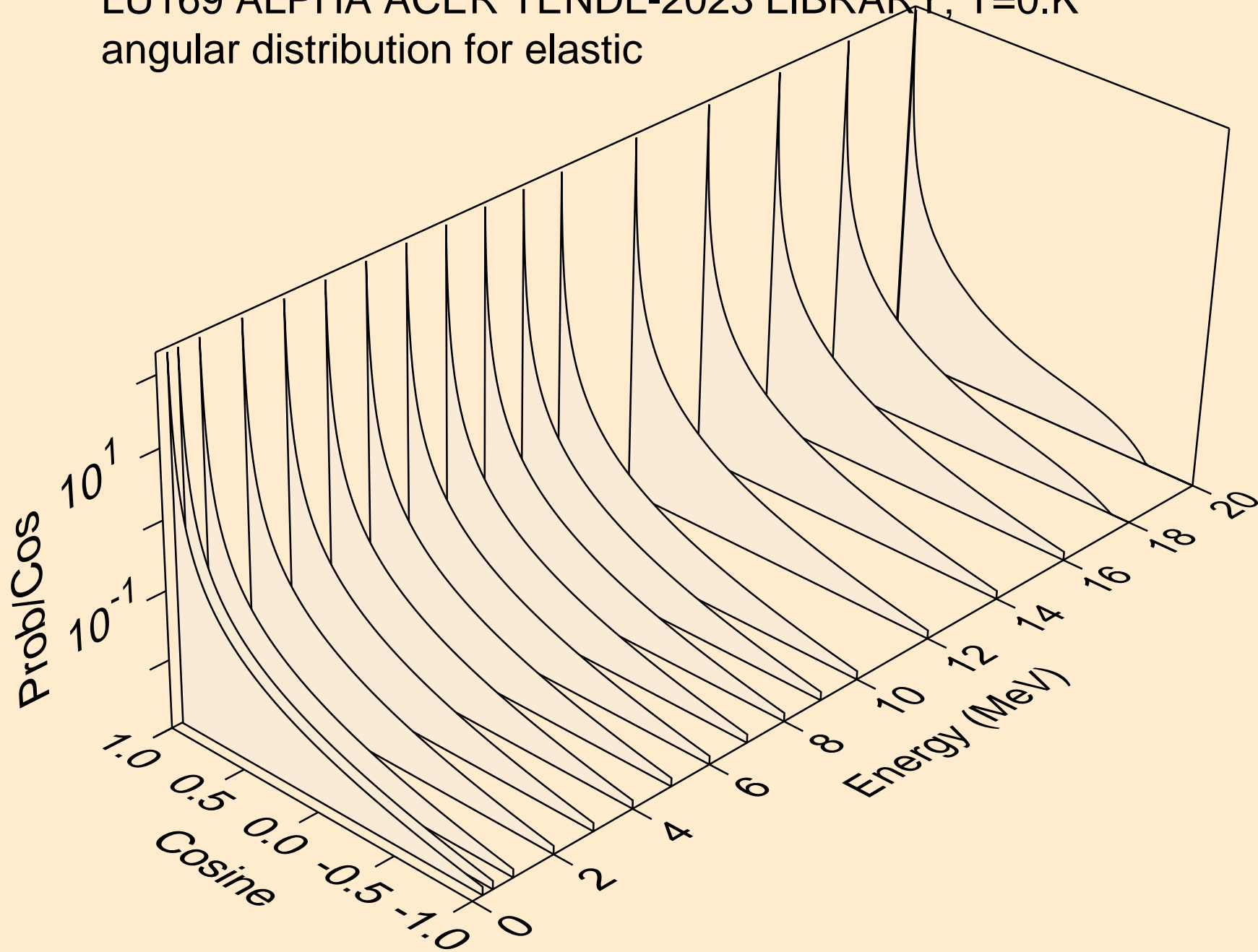
LU169 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



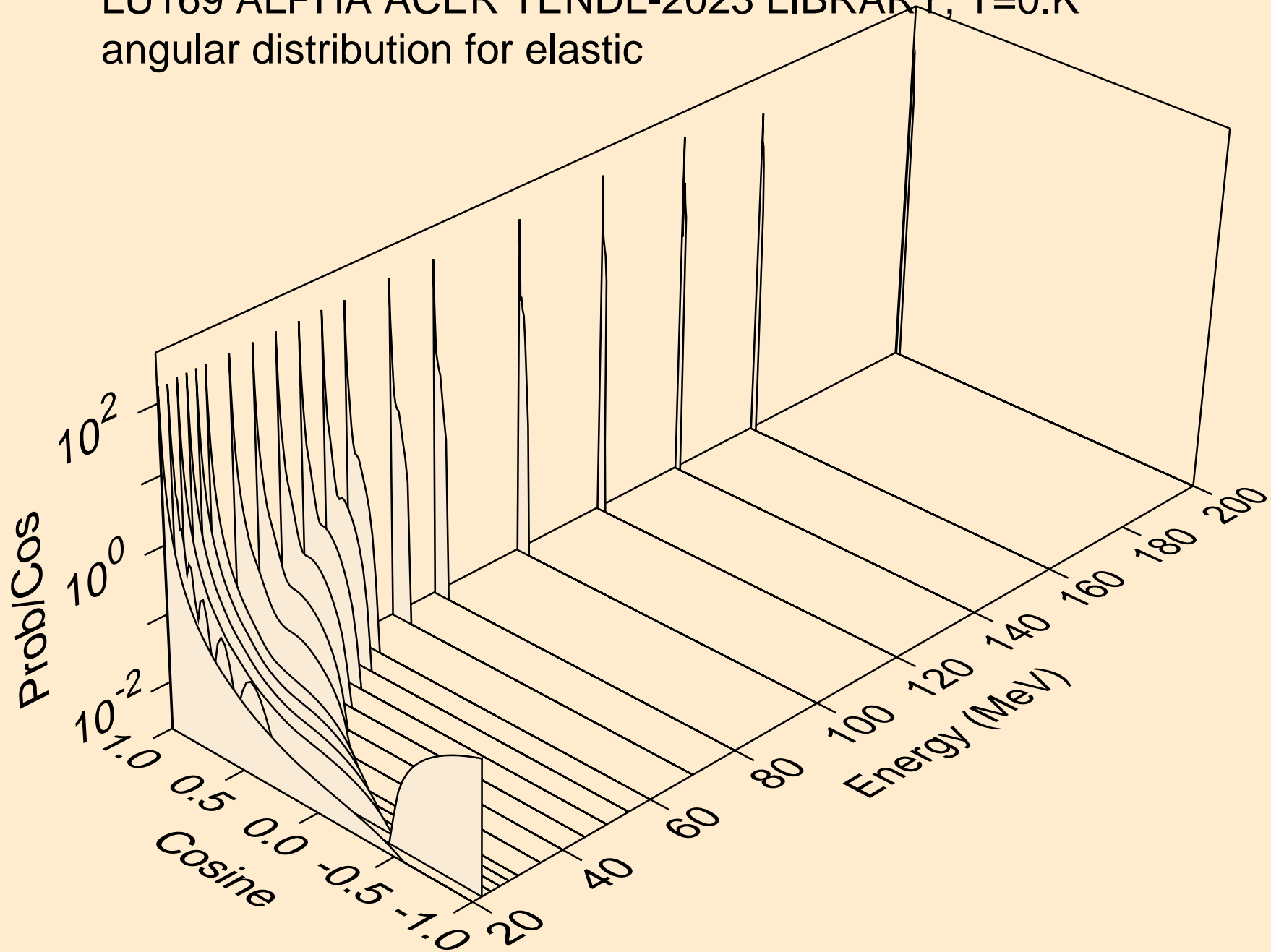
LU169 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



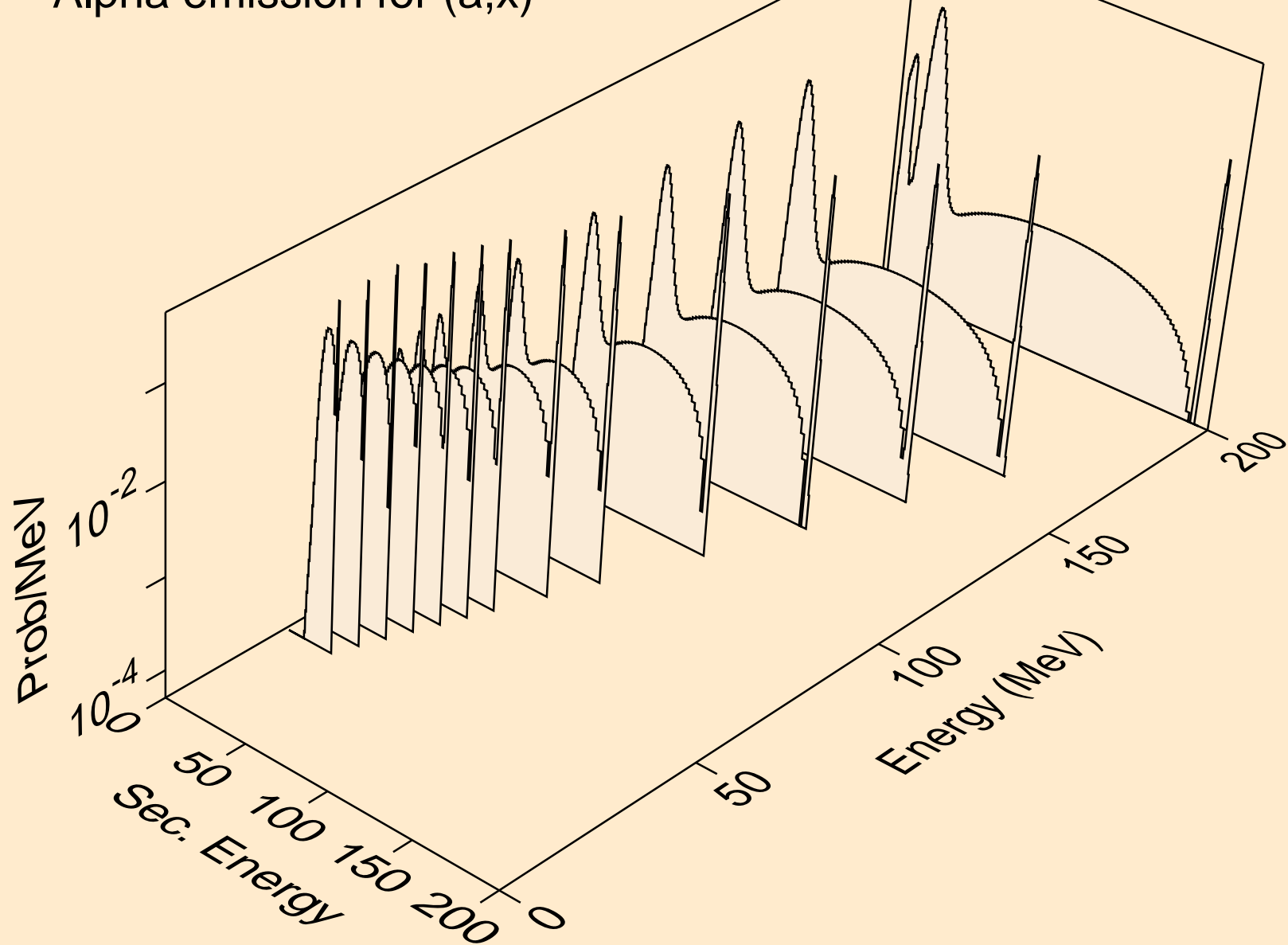
LU169 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



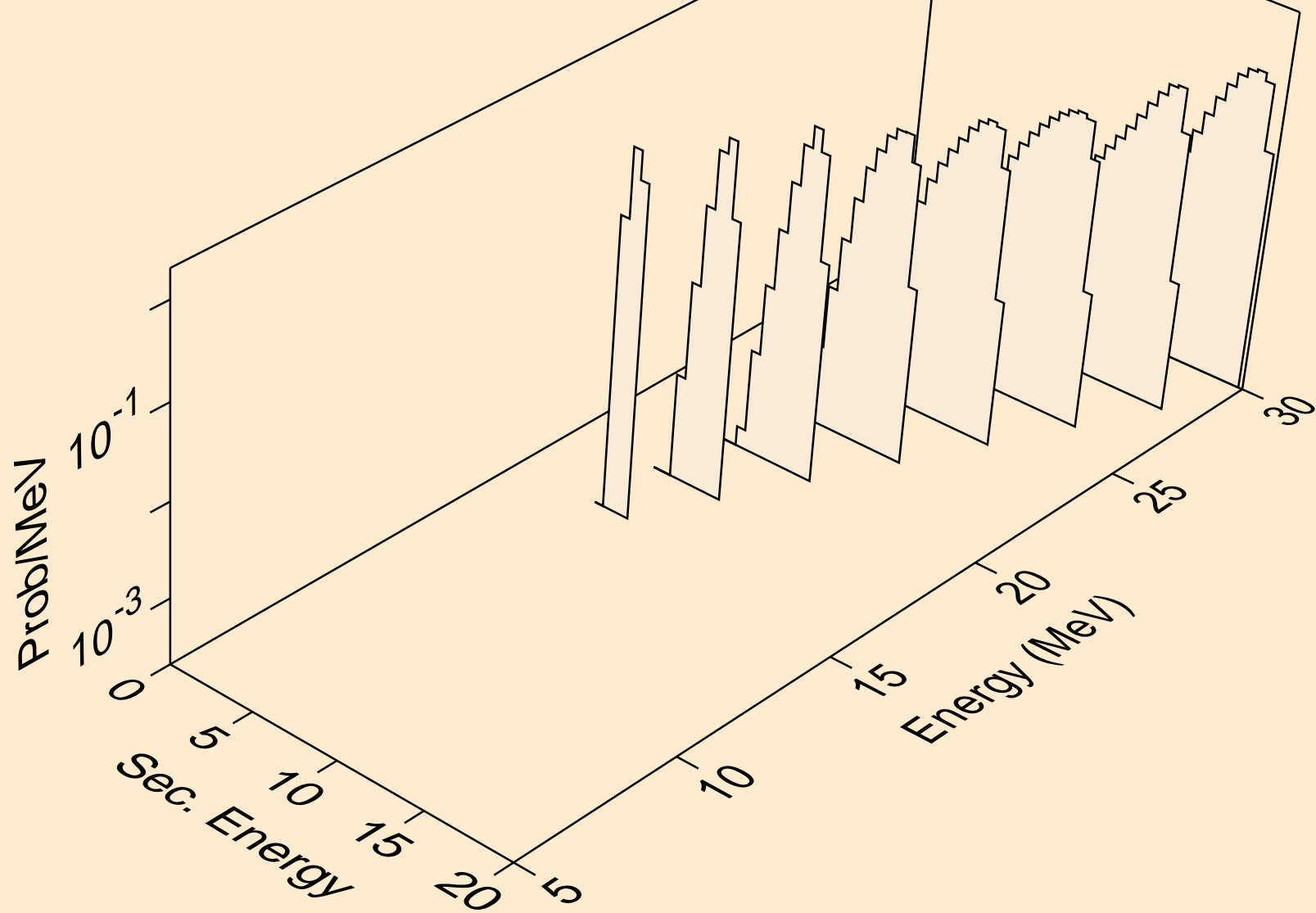
LU169 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



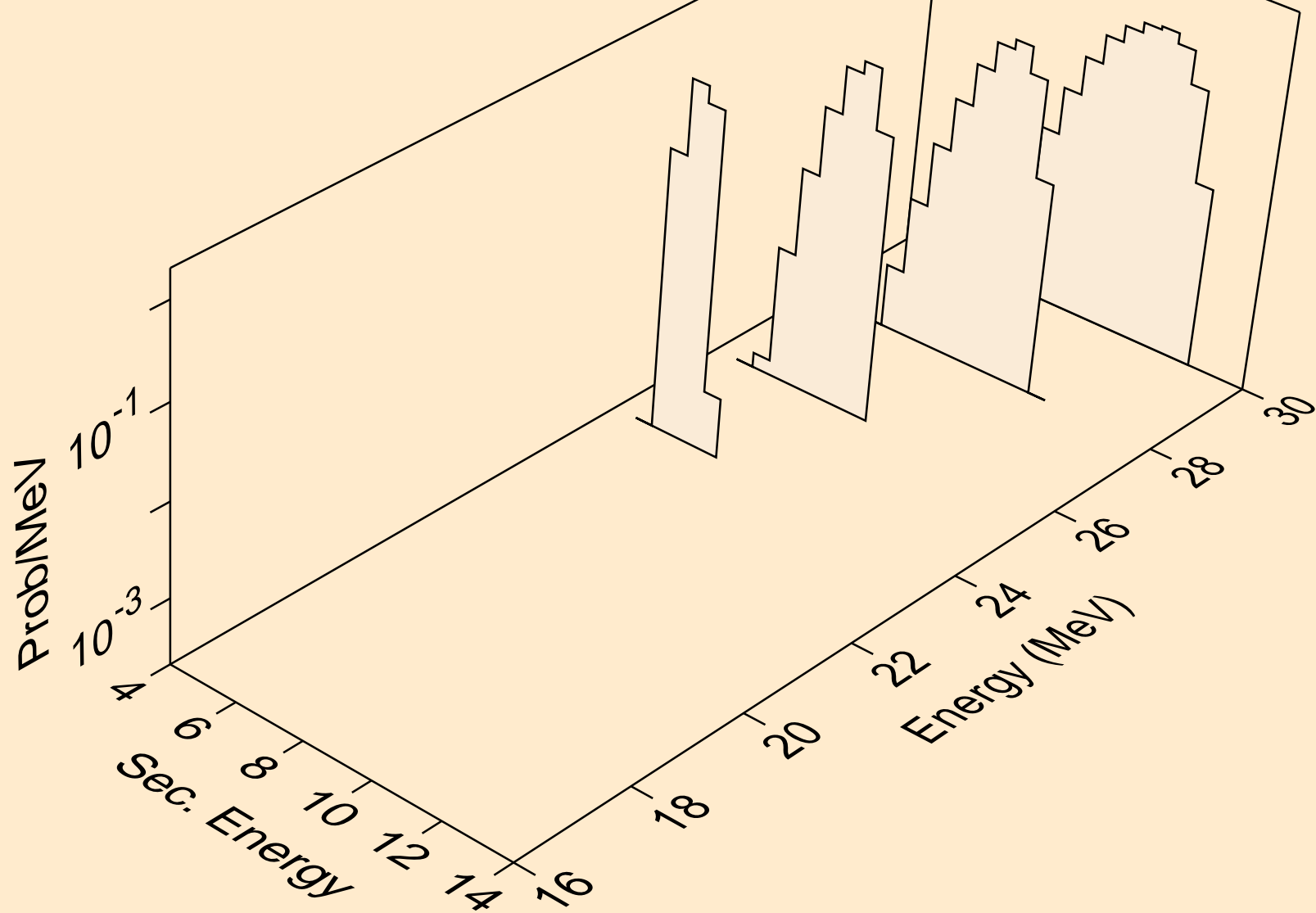
LU169 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Alpha emission for (a,x)



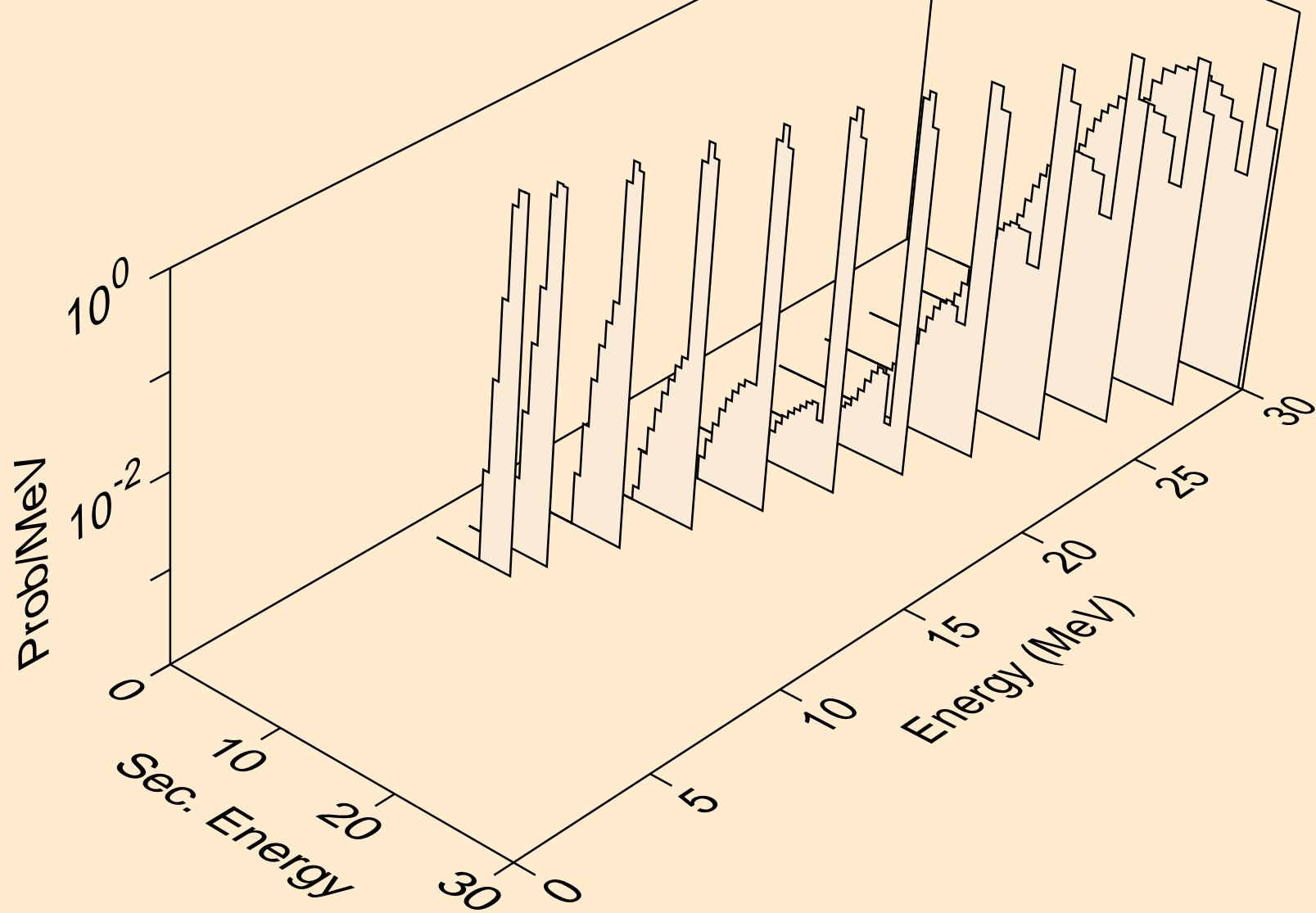
LU169 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Alpha emission for (a,n*)a



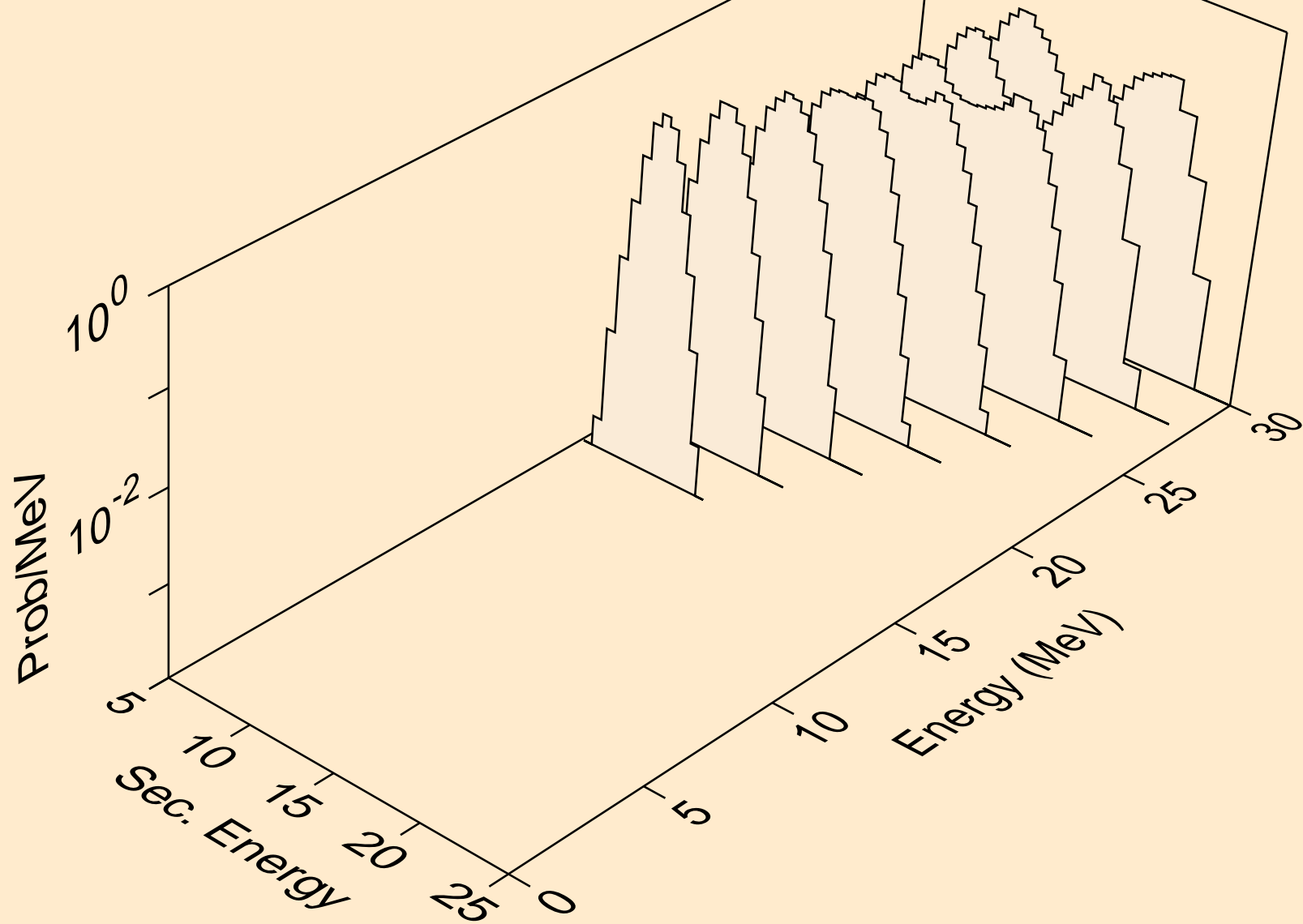
LU169 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Alpha emission for (a,2n)a



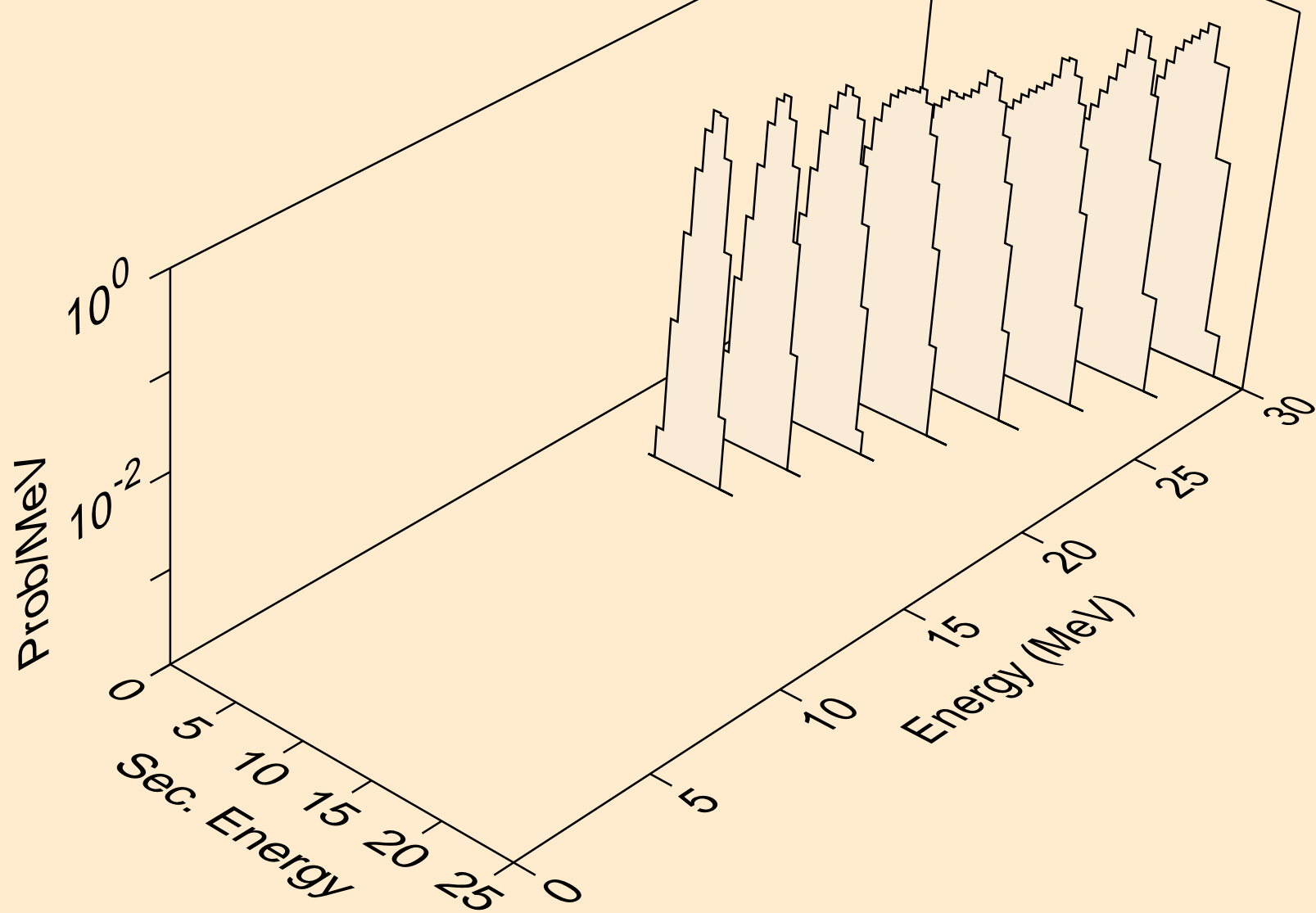
LU169 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Alpha emission for inelastic



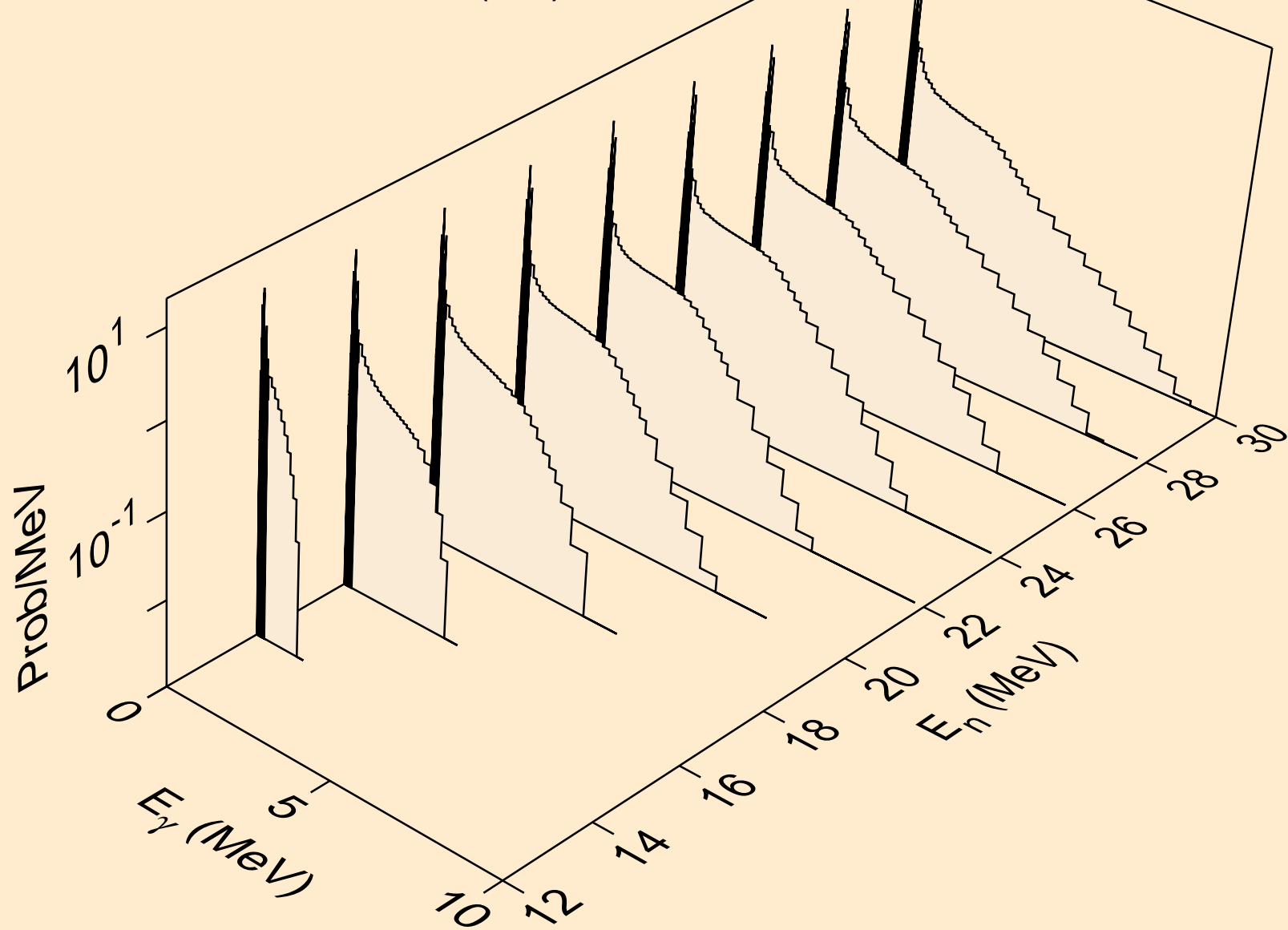
LU169 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Alpha emission for (a,2a)



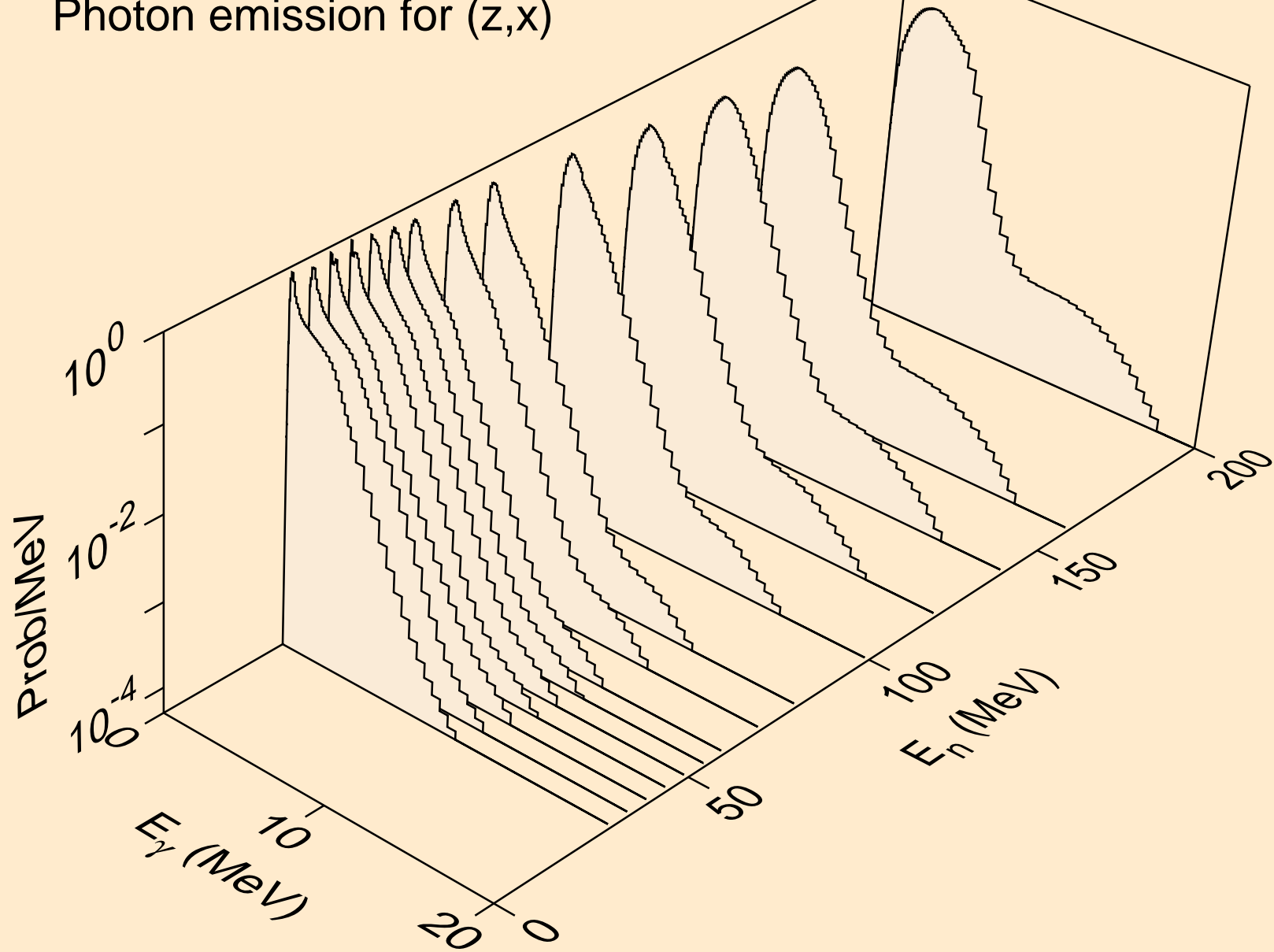
LU169 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Alpha emission for (a,pa)



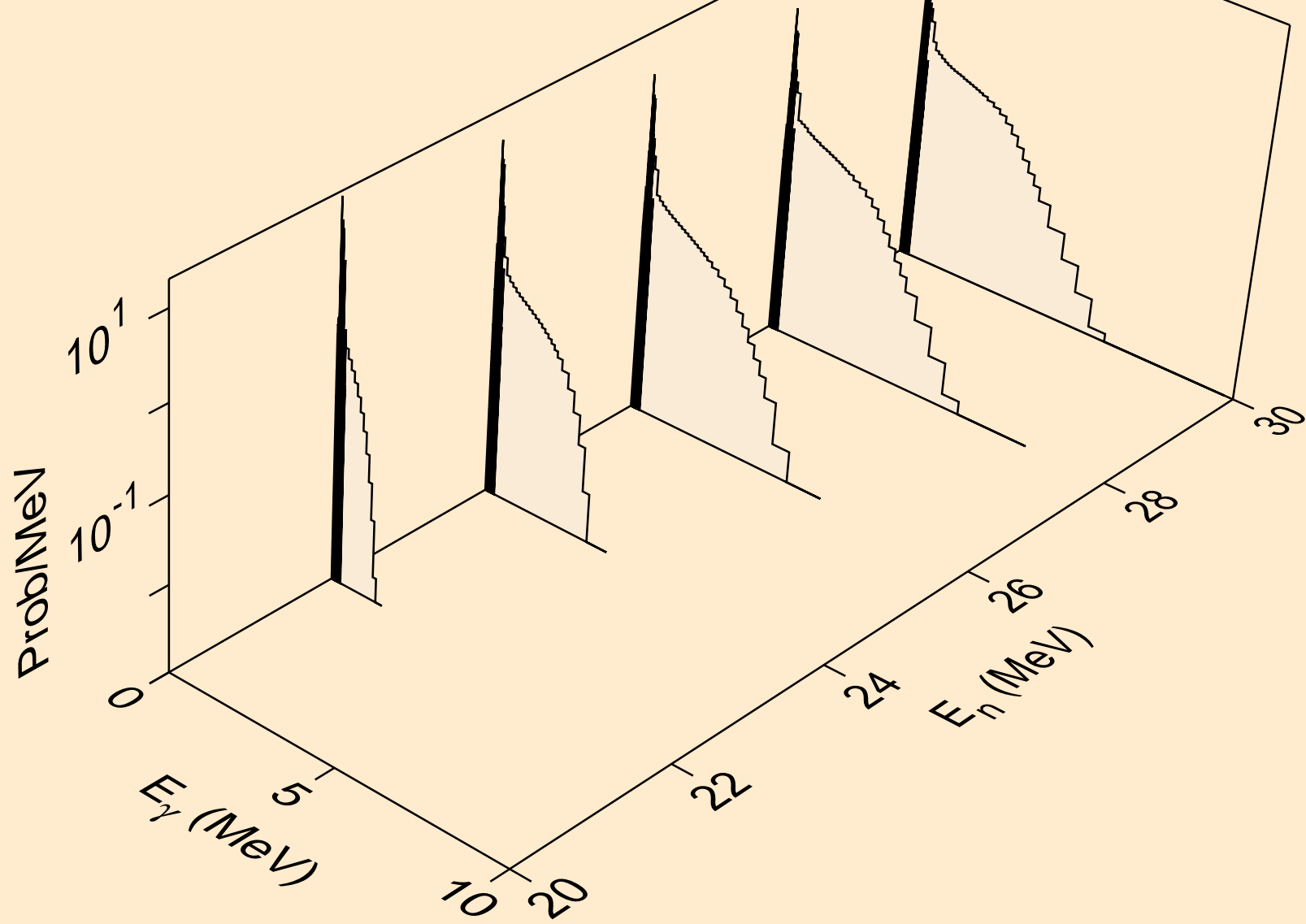
LU169 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (z,n)



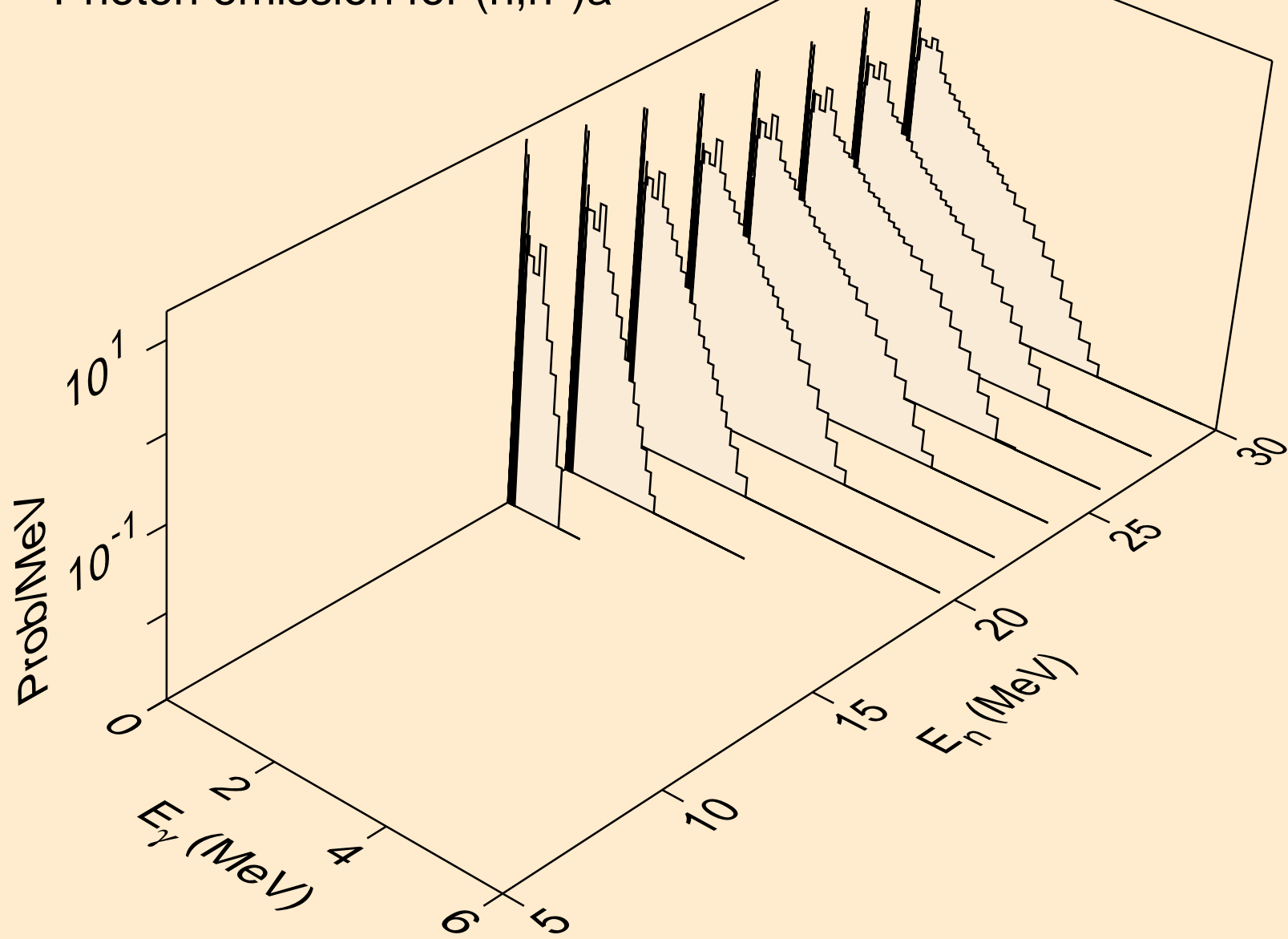
LU169 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (z,x)



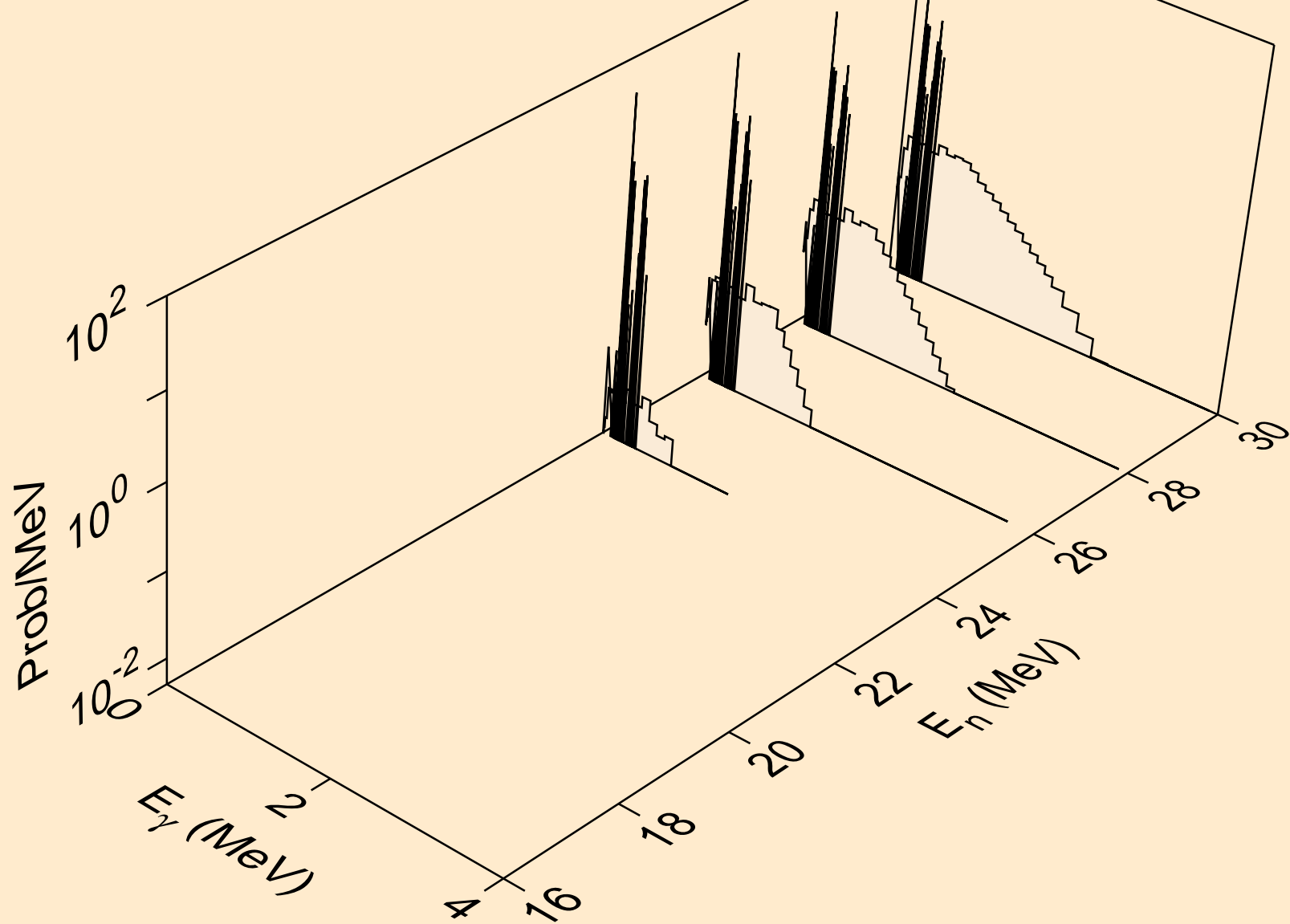
LU169 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)



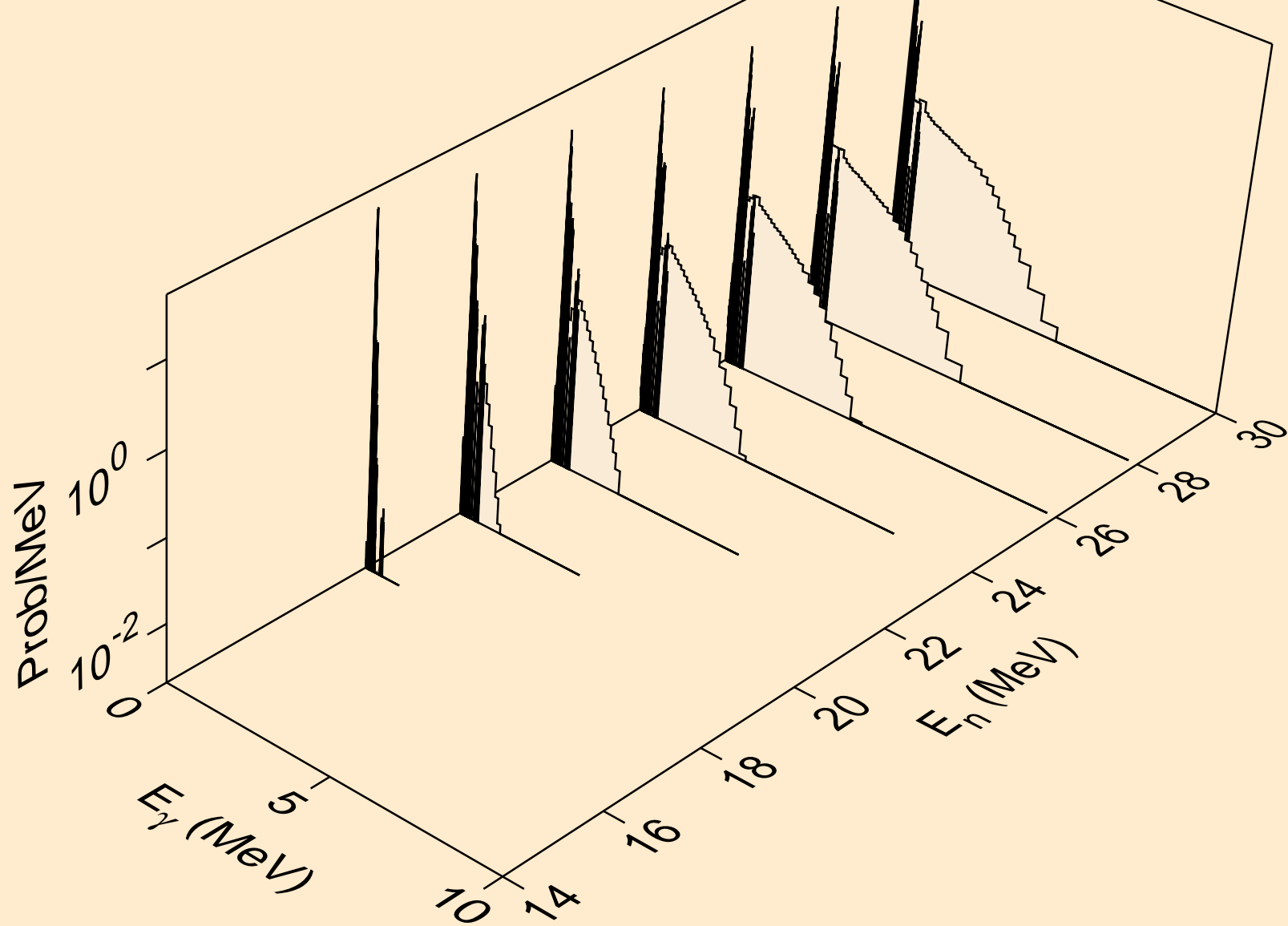
LU169 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)a



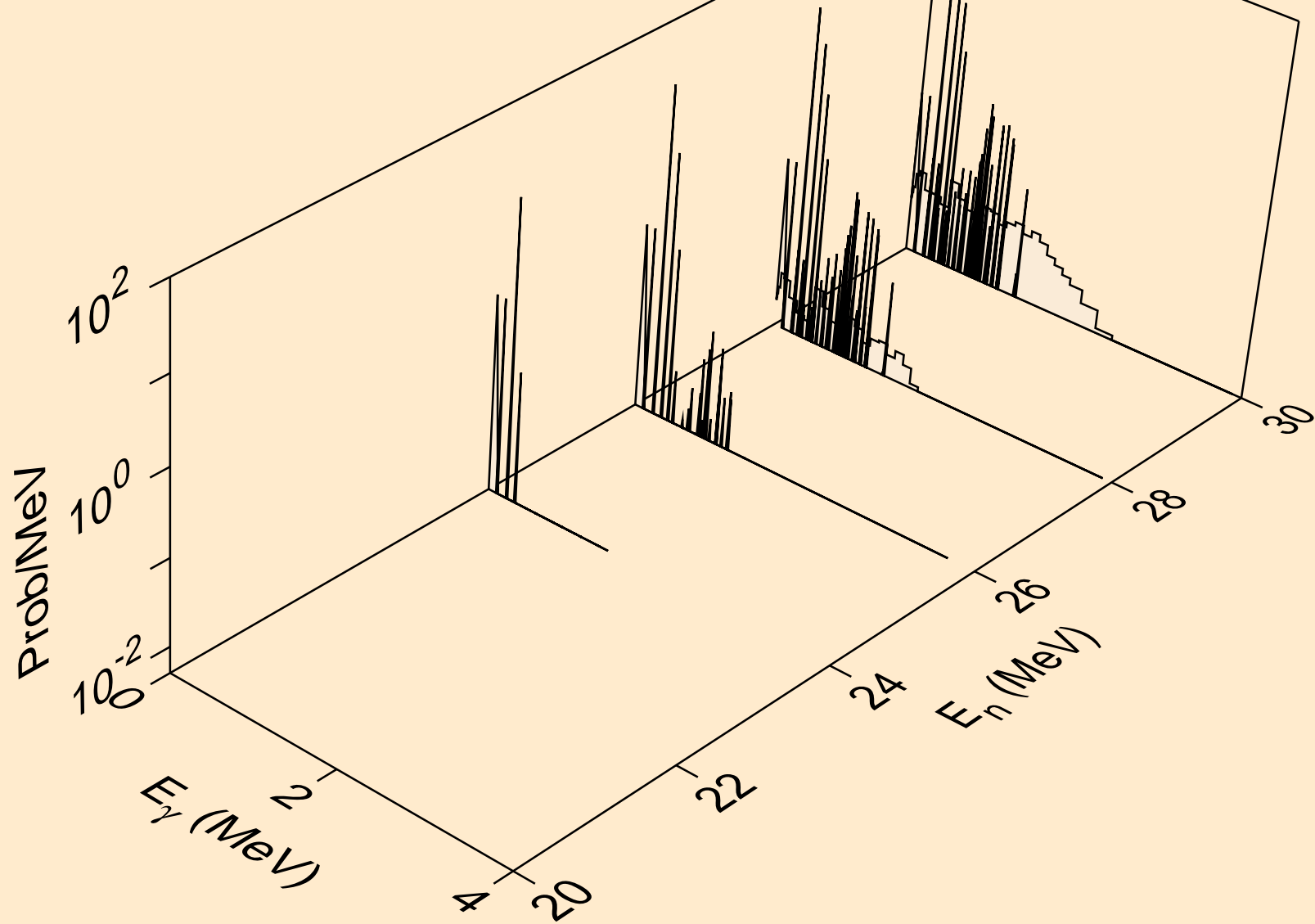
LU169 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)a



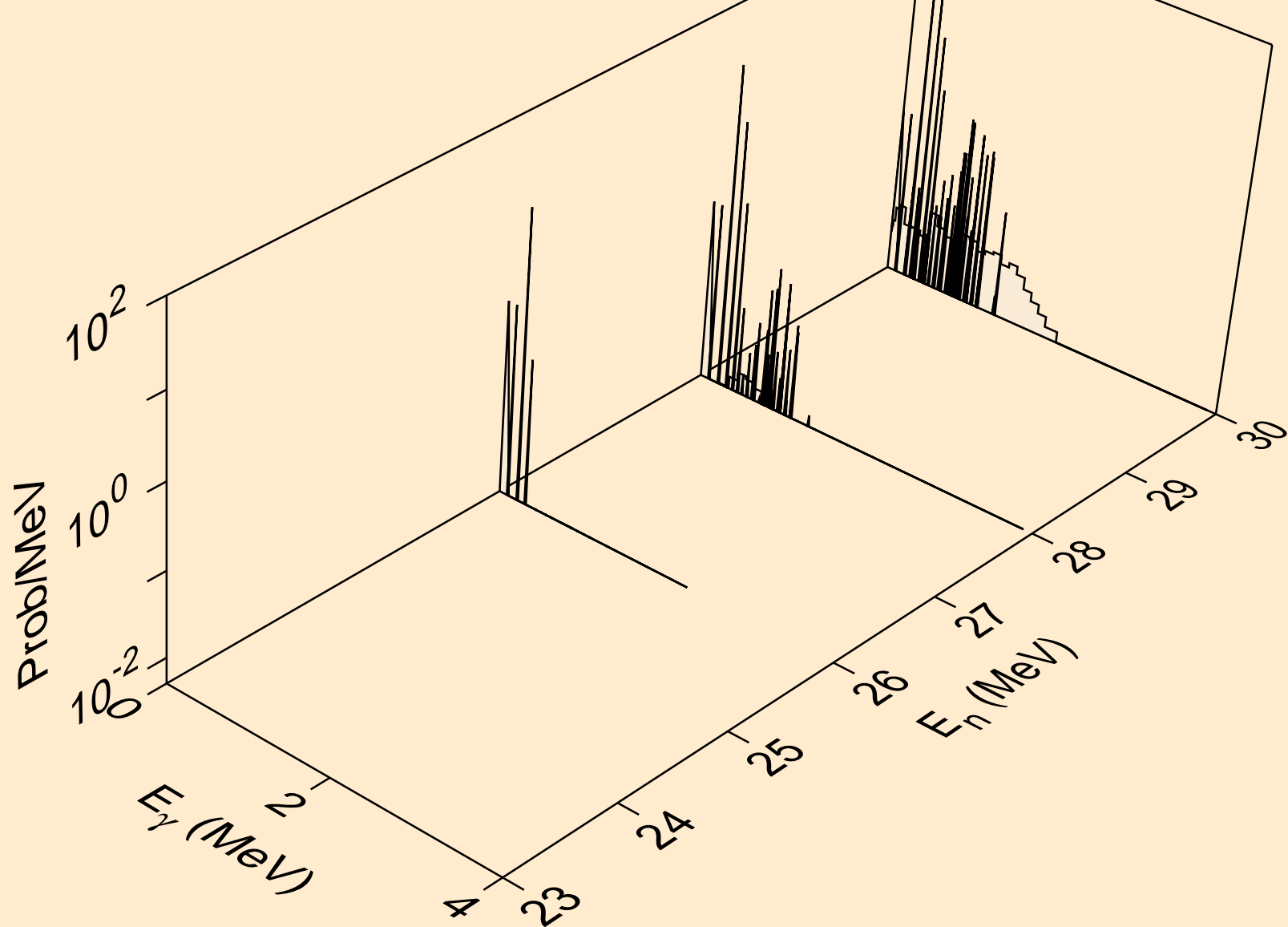
LU169 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)p



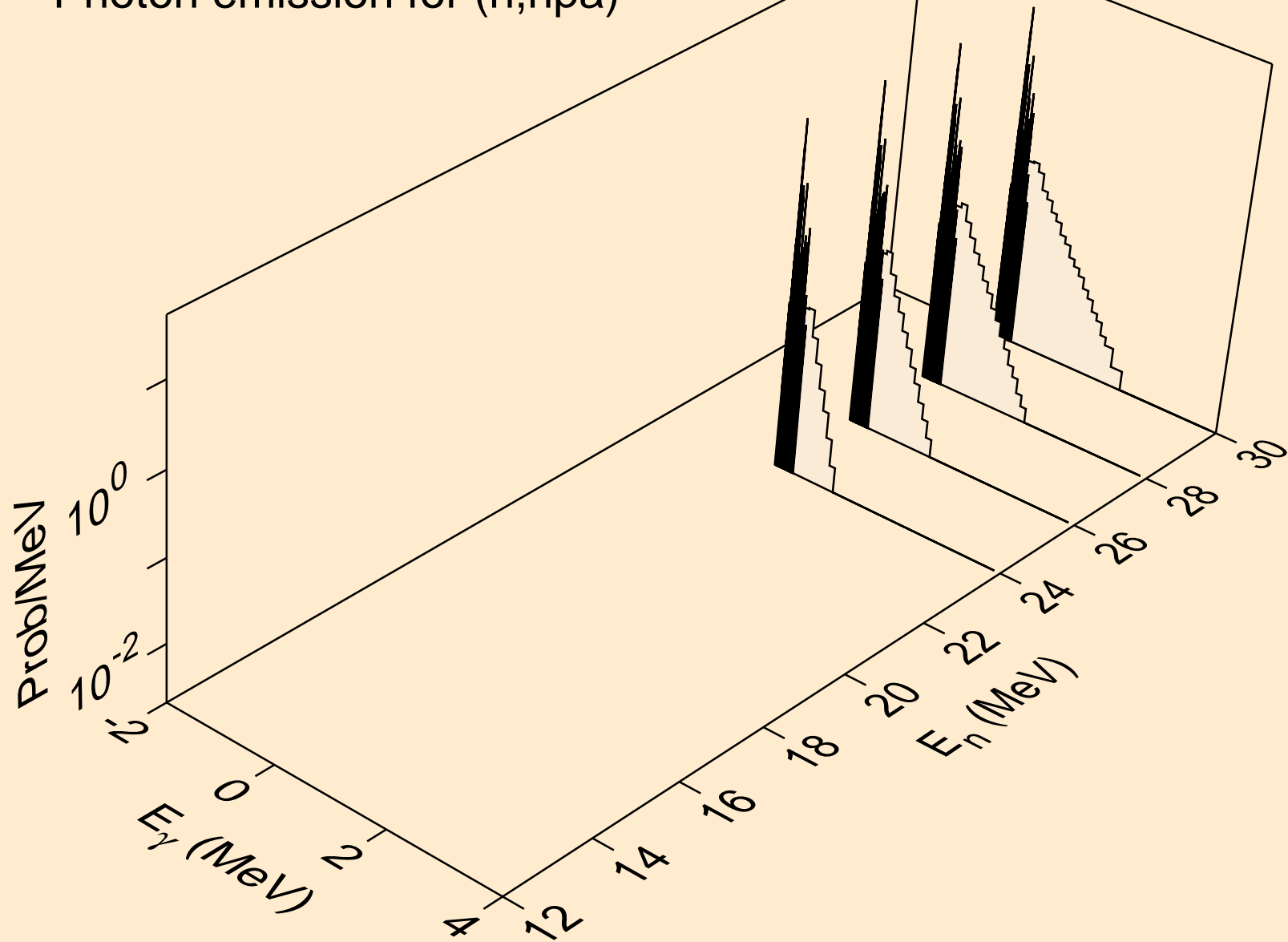
LU169 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)d



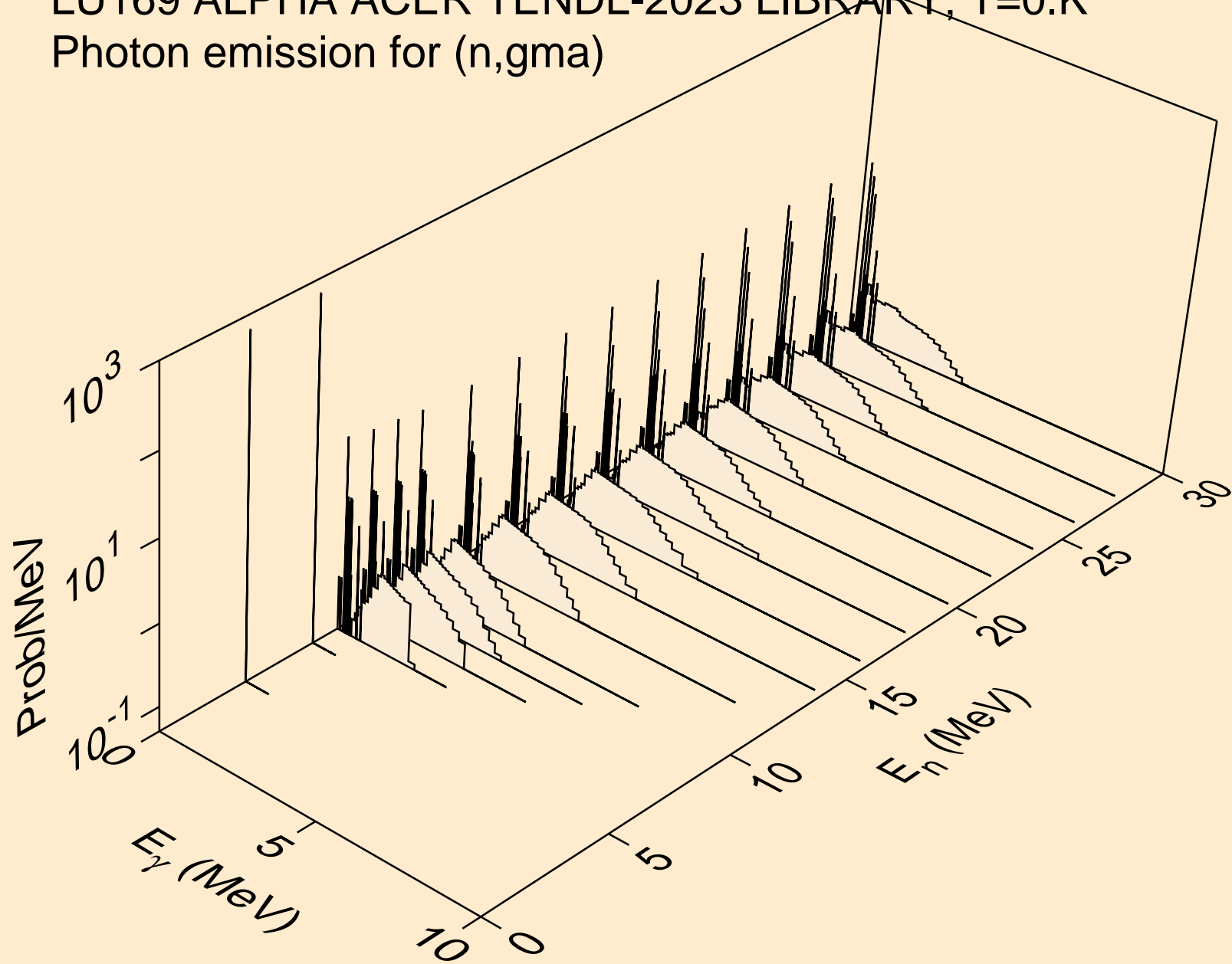
LU169 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2np)



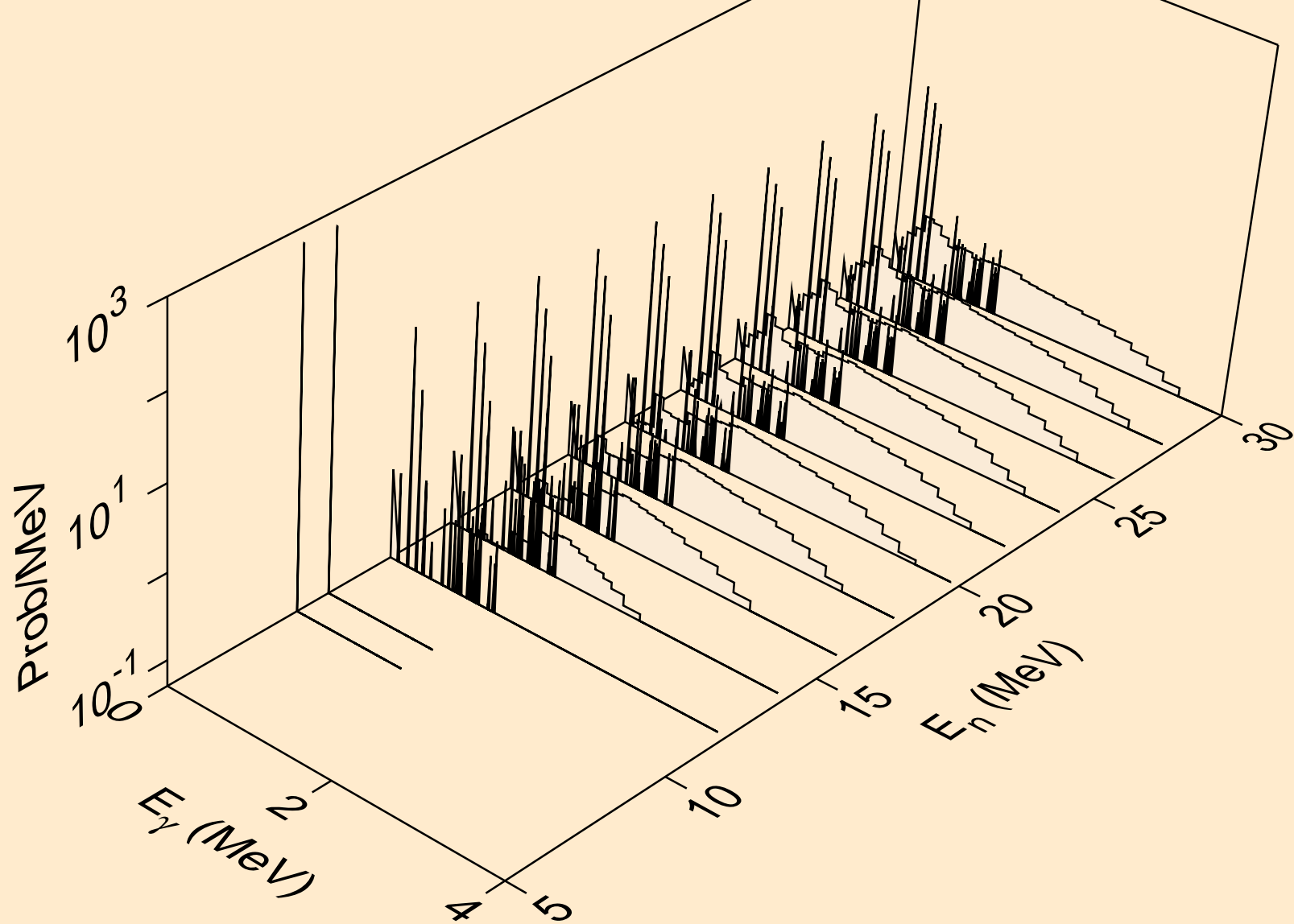
LU169 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,npa)



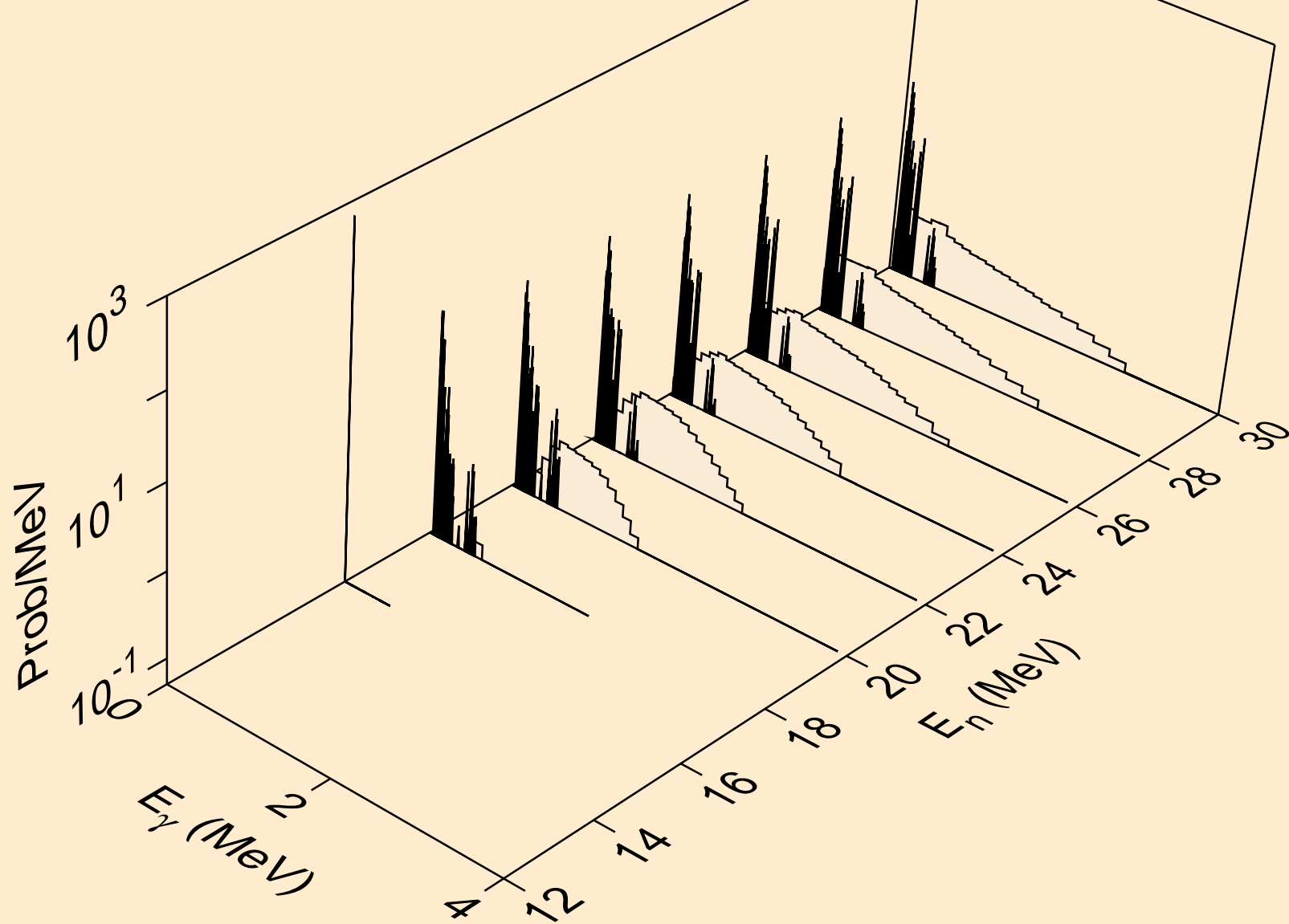
LU169 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



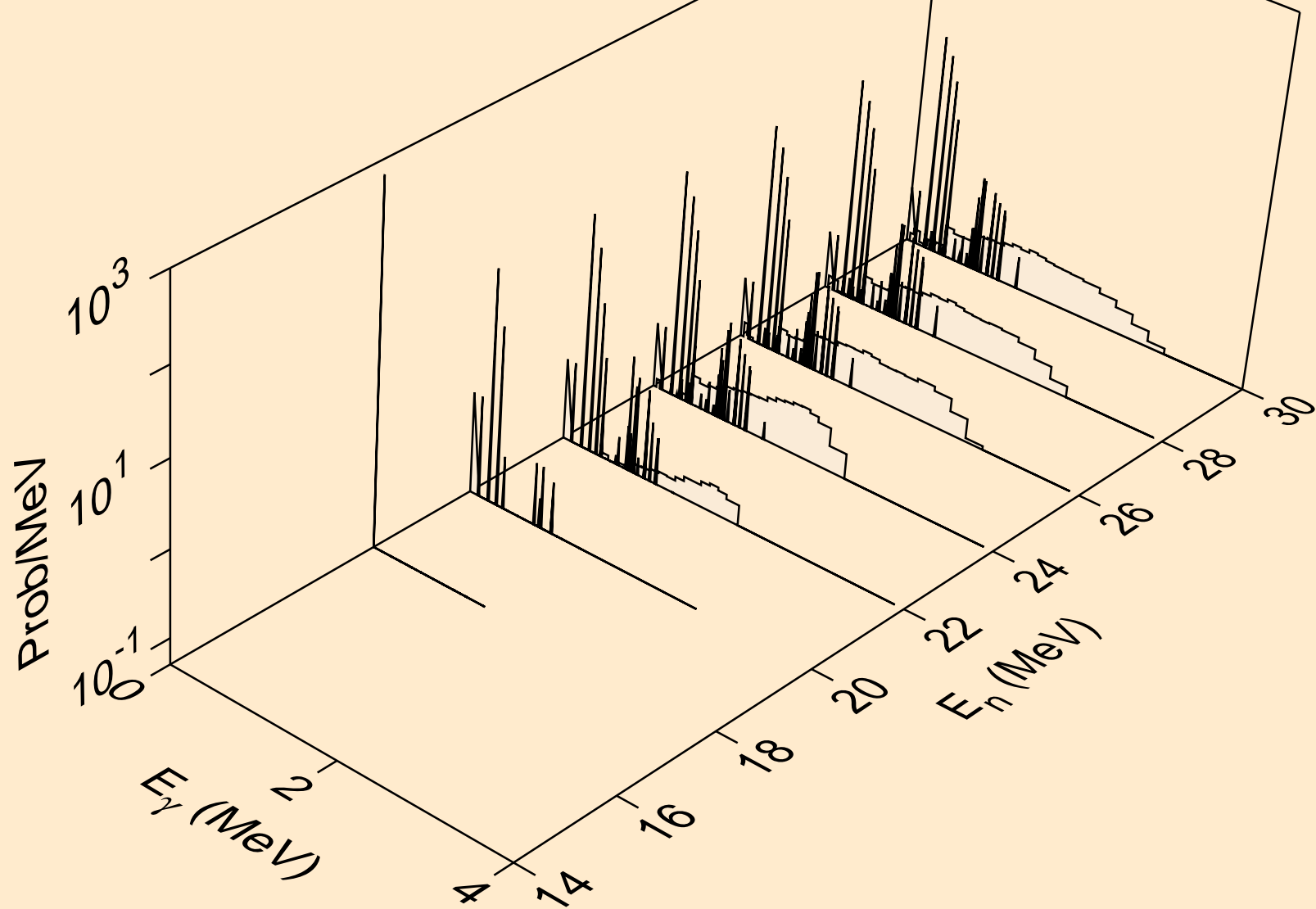
LU169 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p)



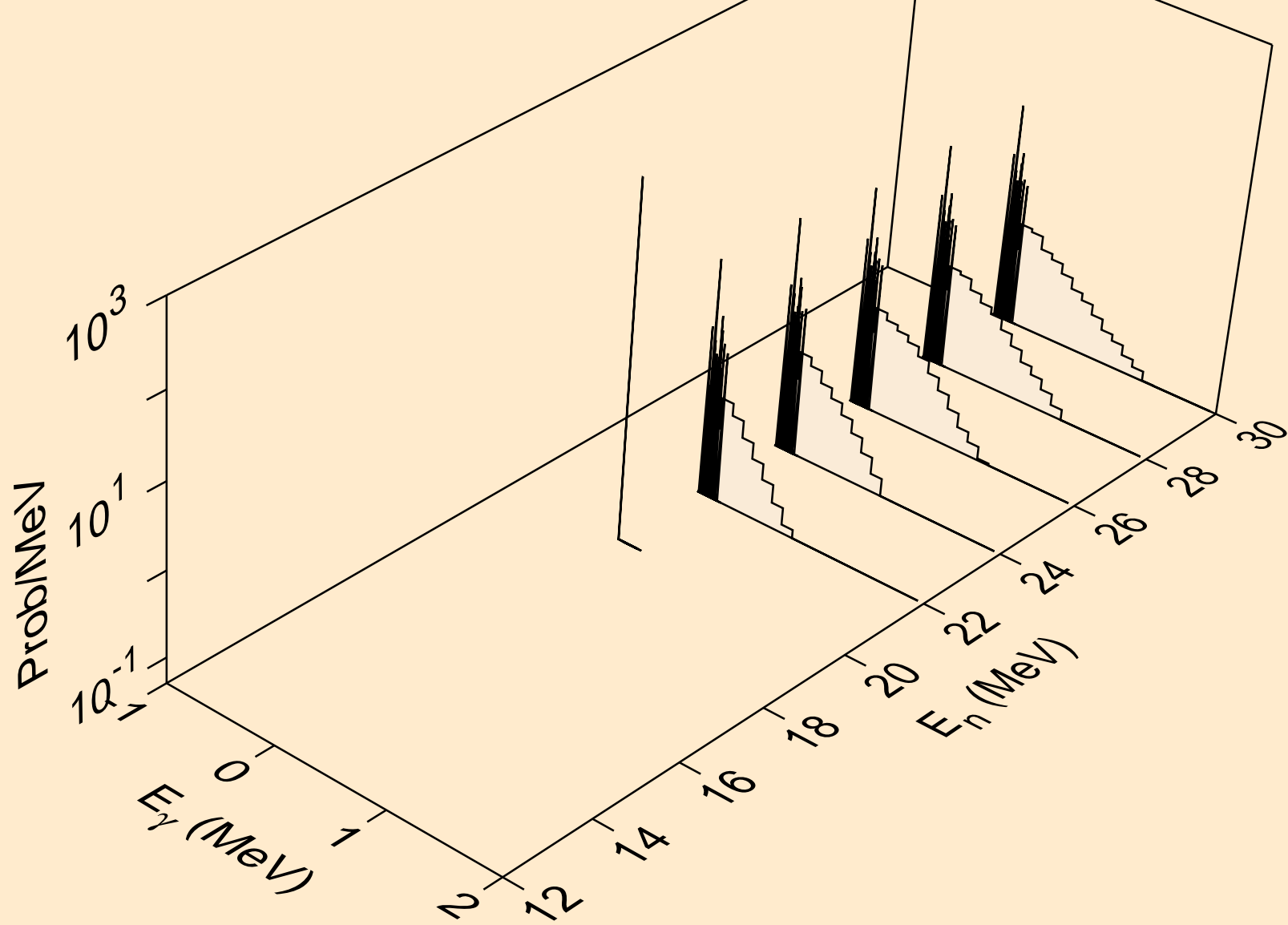
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Photon emission for (n,d)



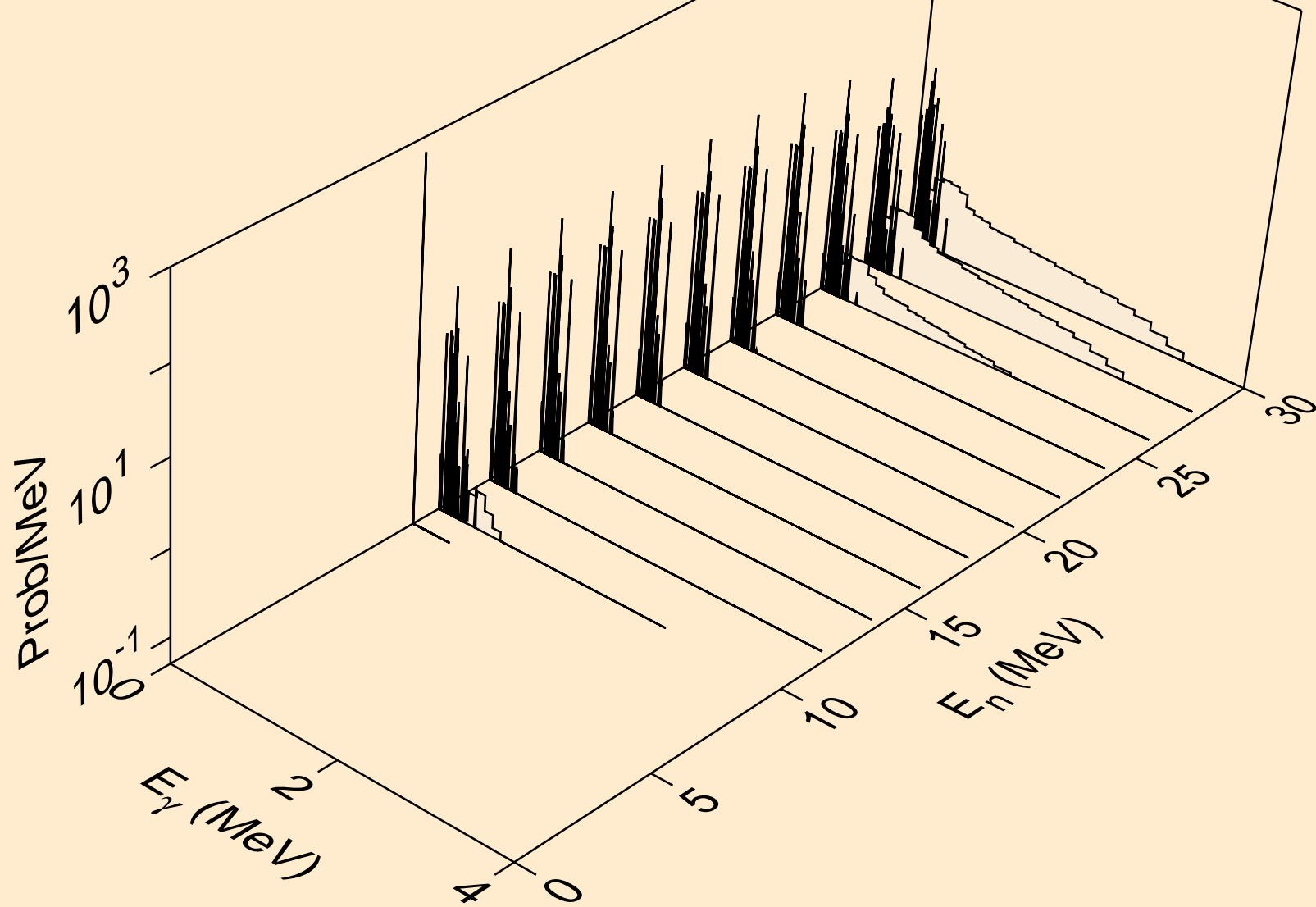
LU169 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)



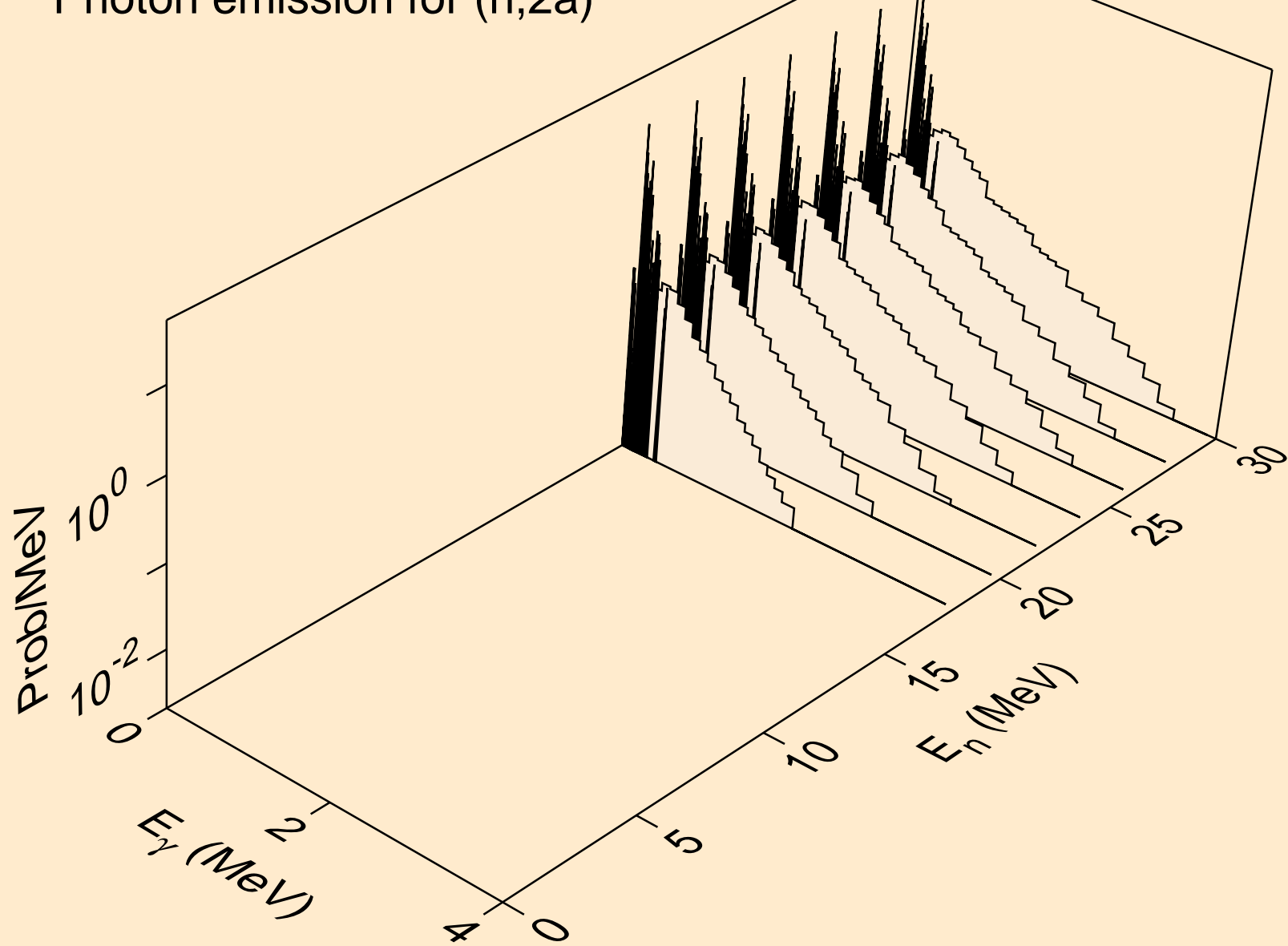
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Photon emission for (n,he3)



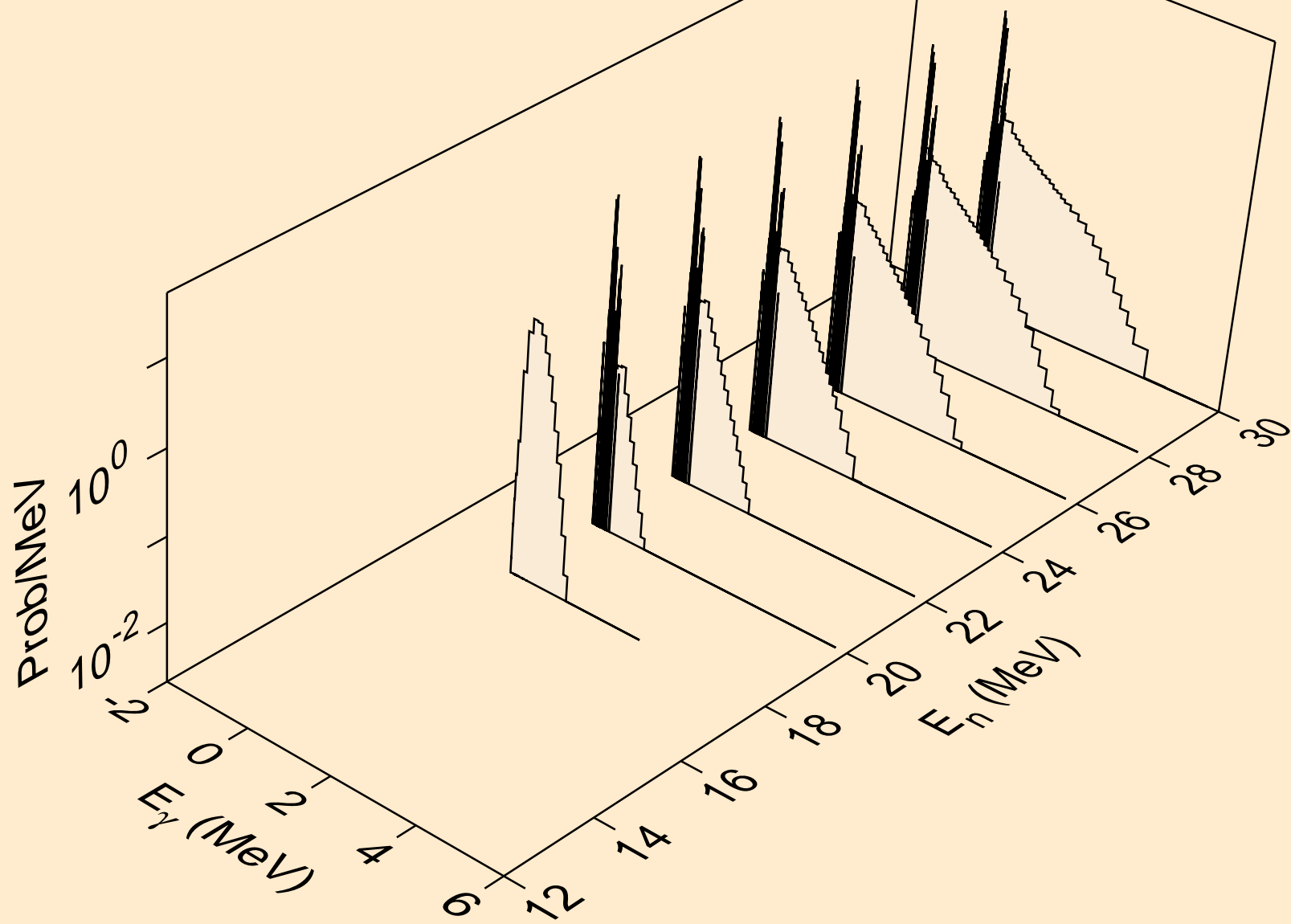
LU169 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for inelastic



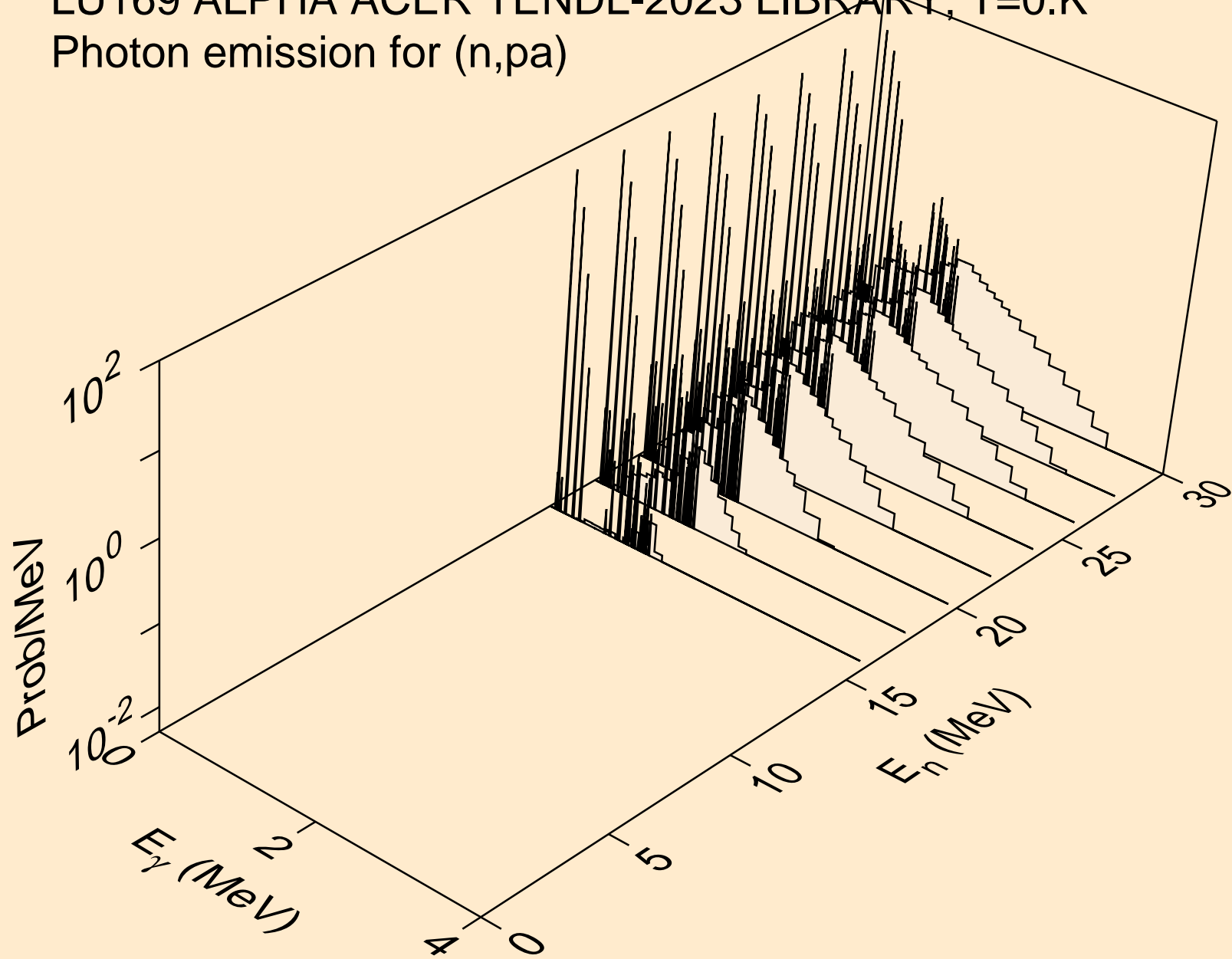
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Photon emission for (n,2a)



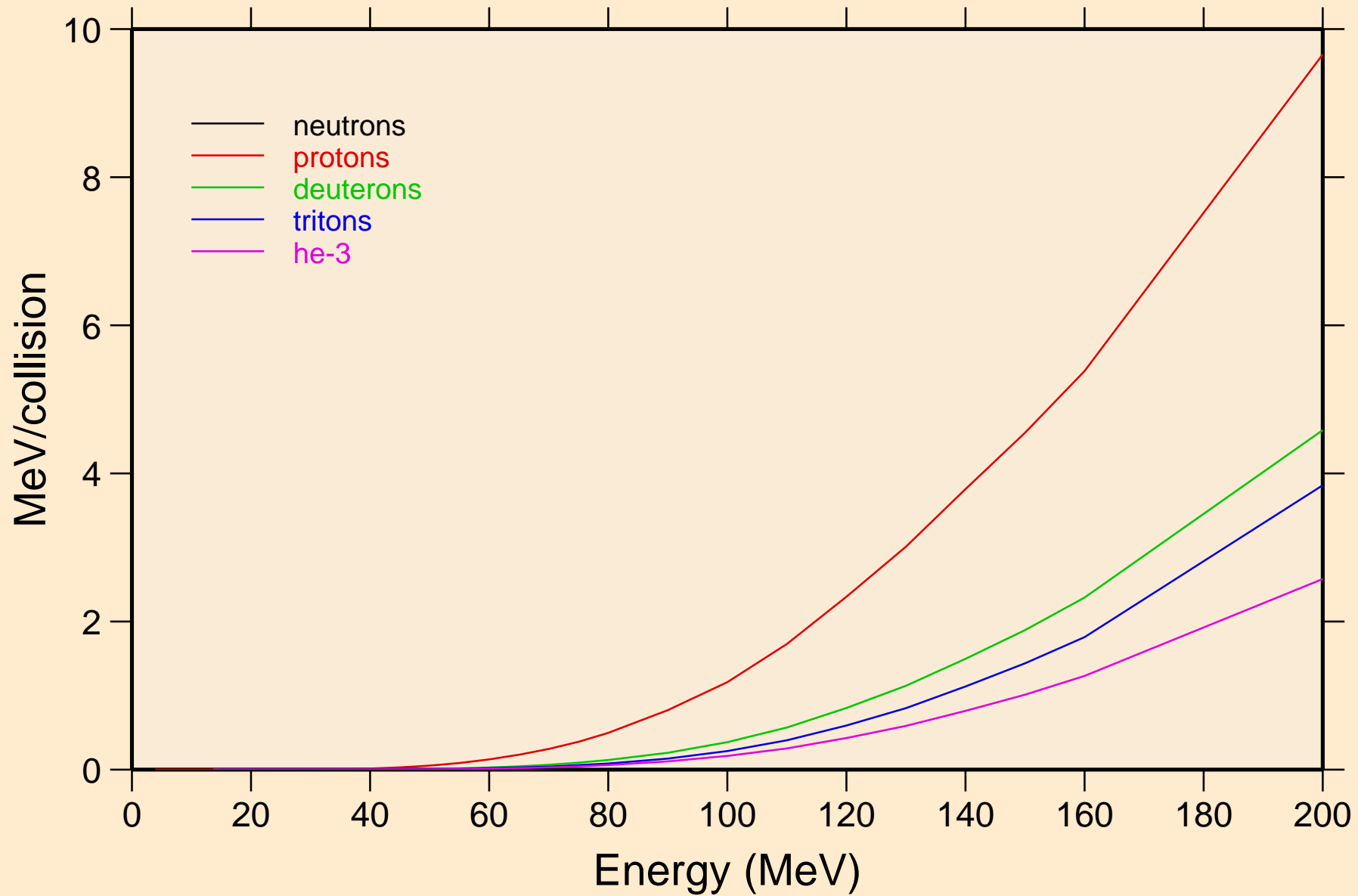
LU169 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2p)



LU169 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pa)

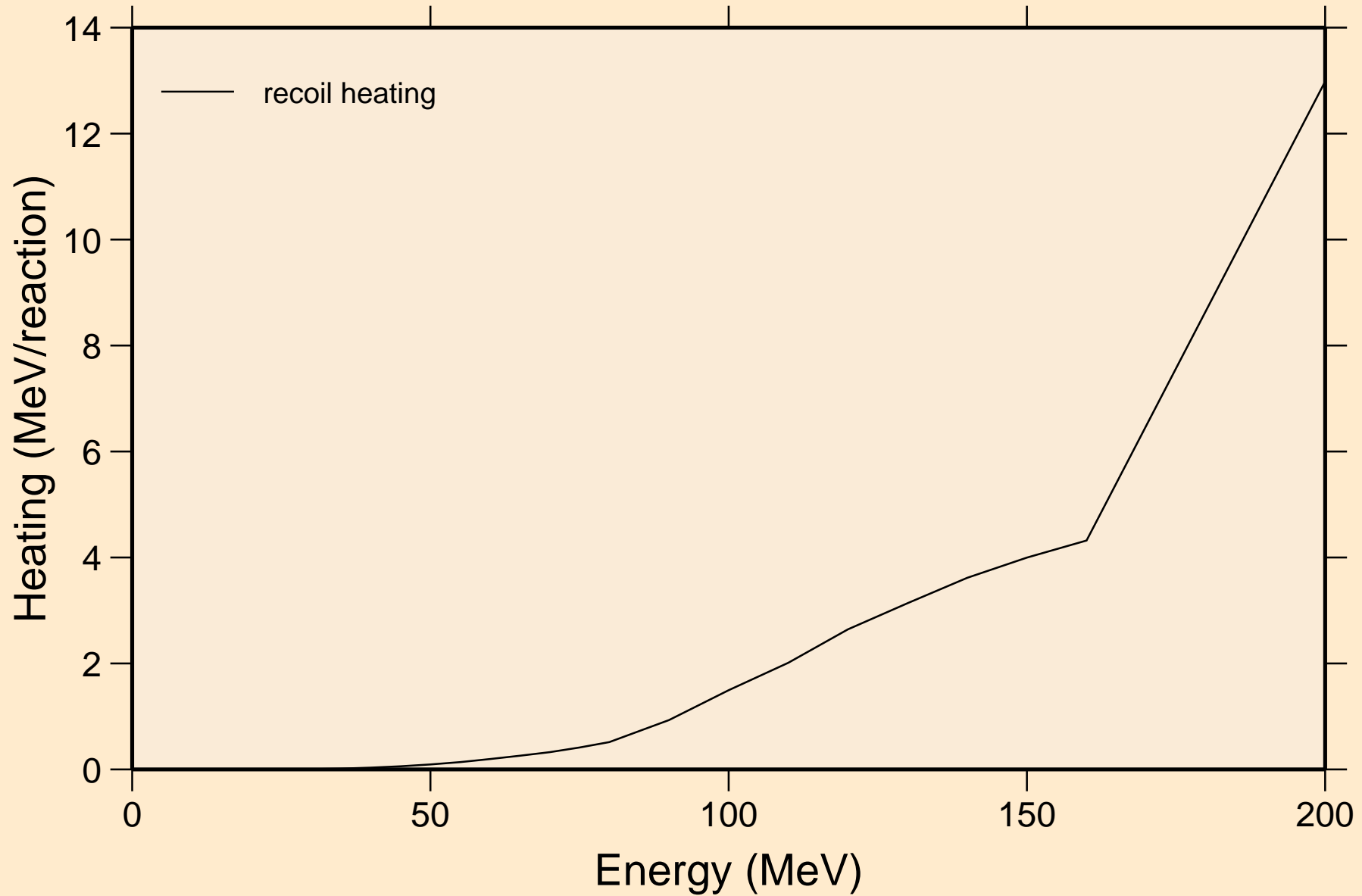


LU169 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Particle heating contributions

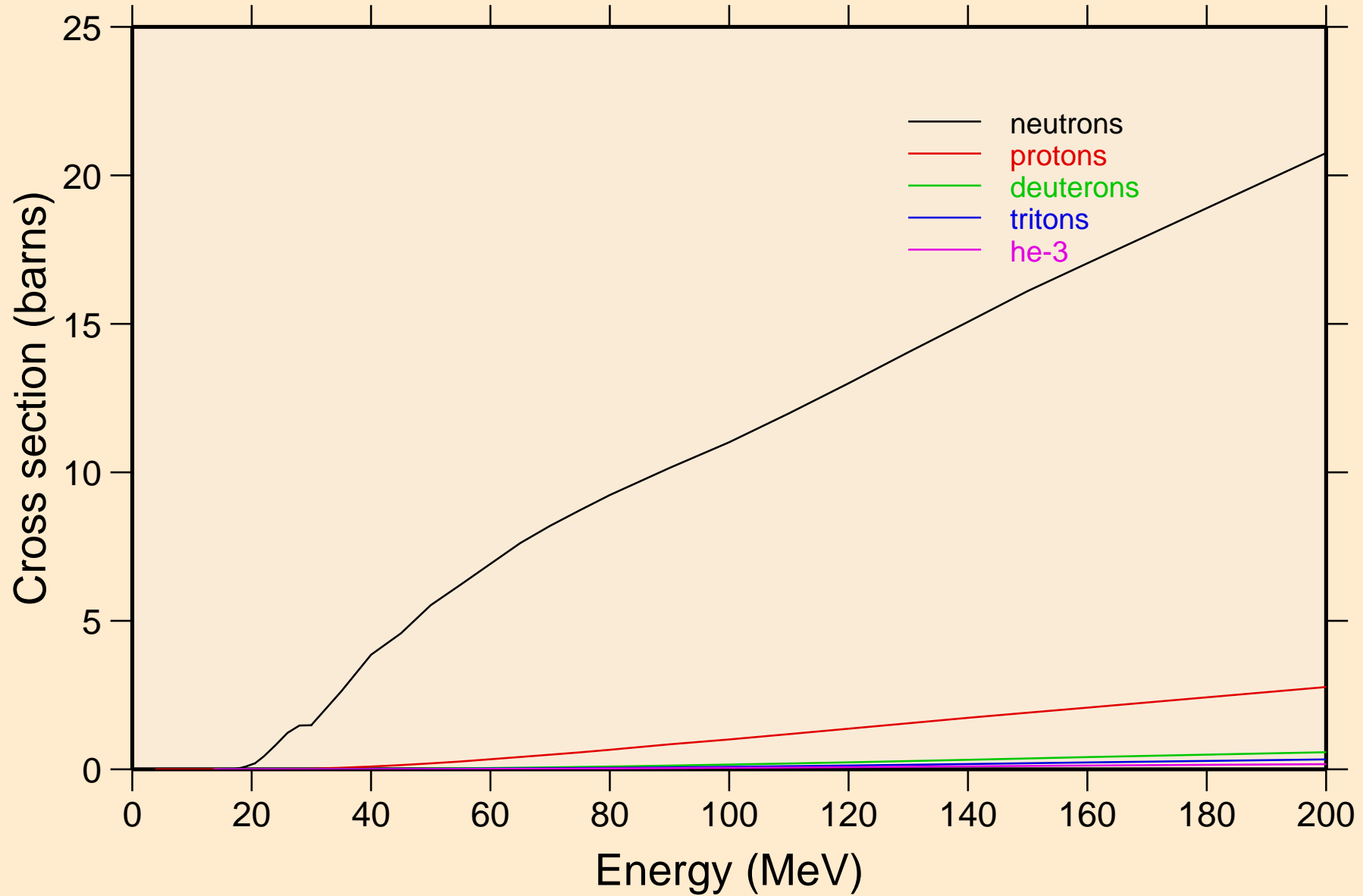


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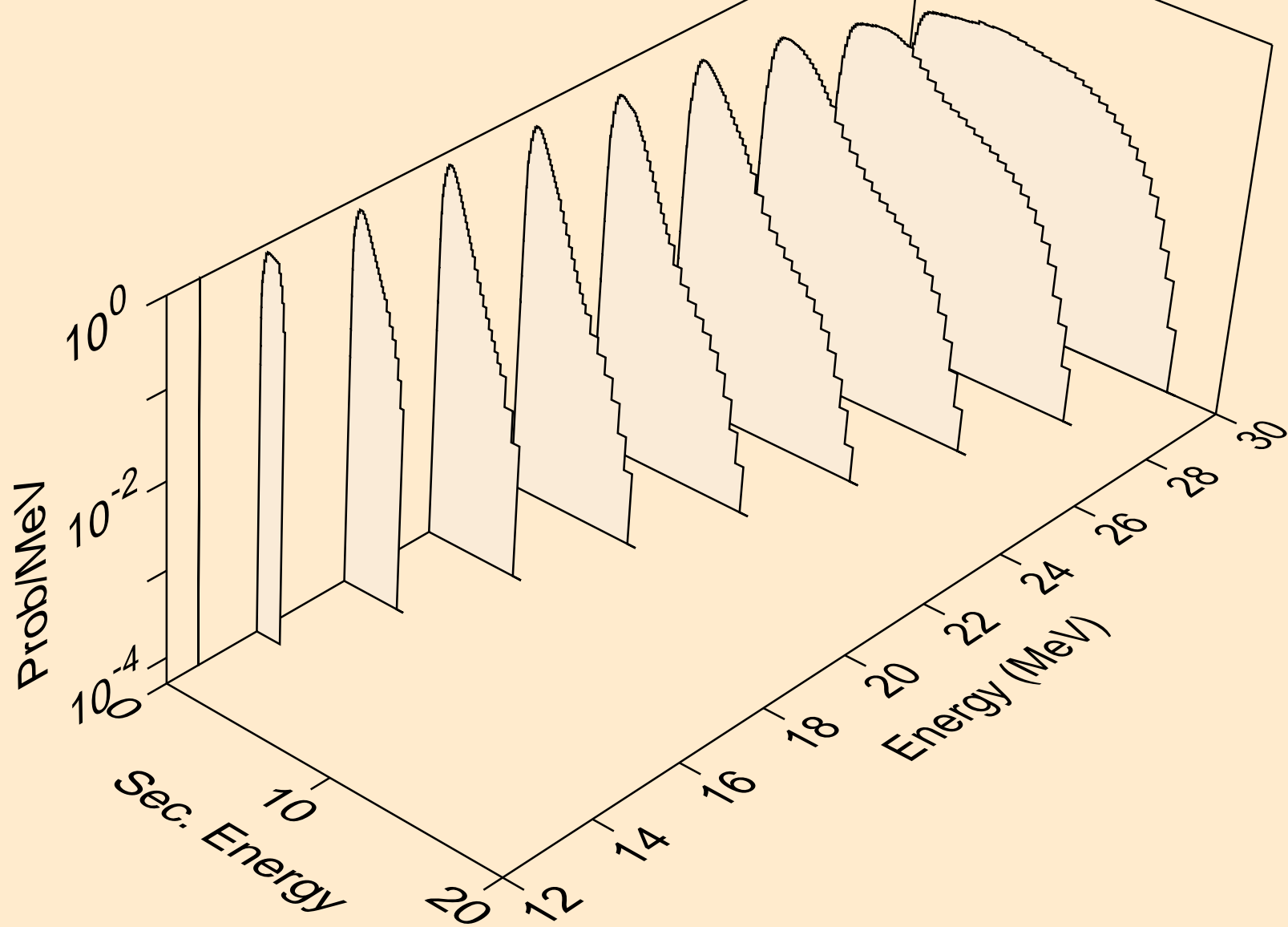
Recoil Heating



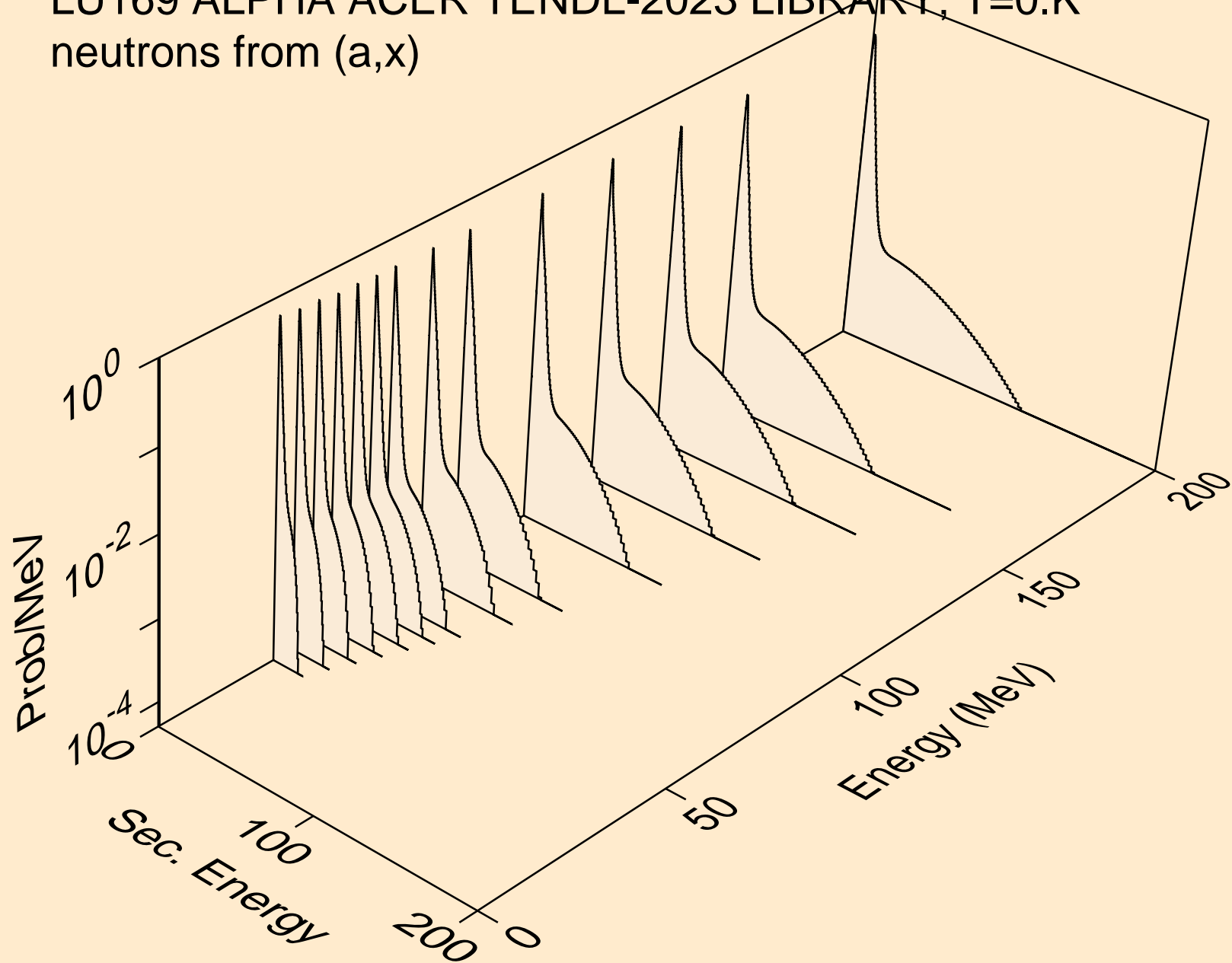
LU169 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Particle production cross sections



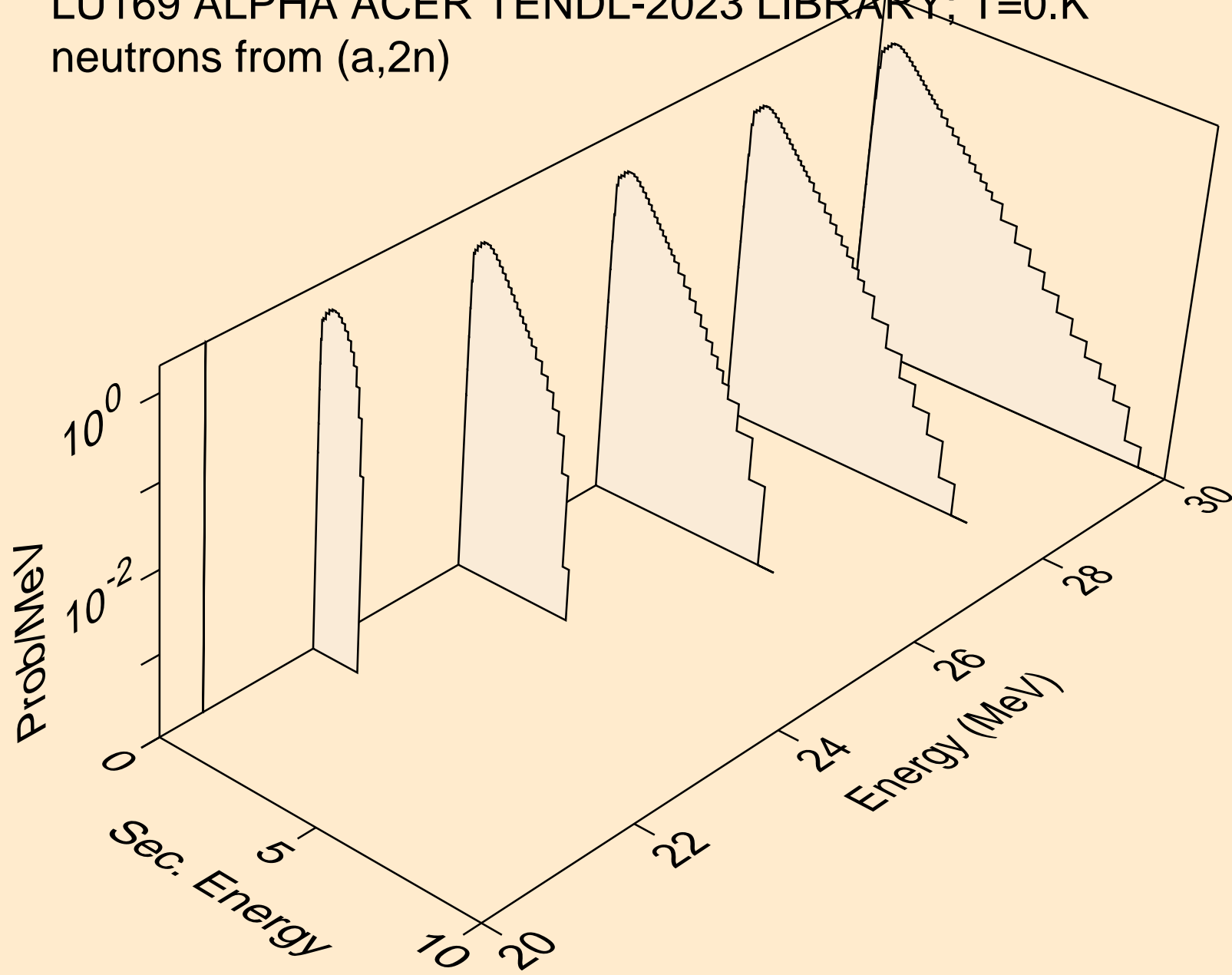
LU169 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n)



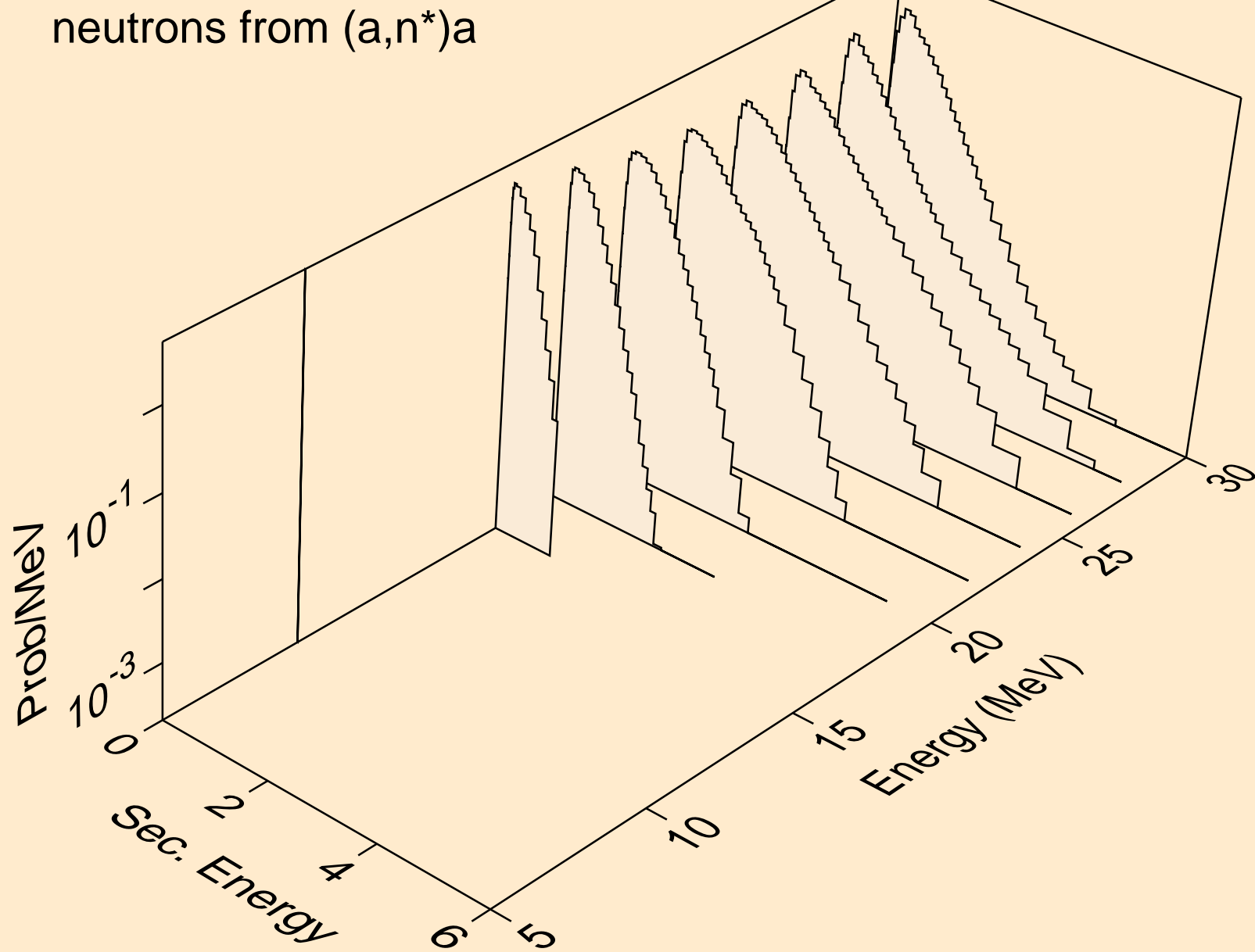
LU169 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,x)



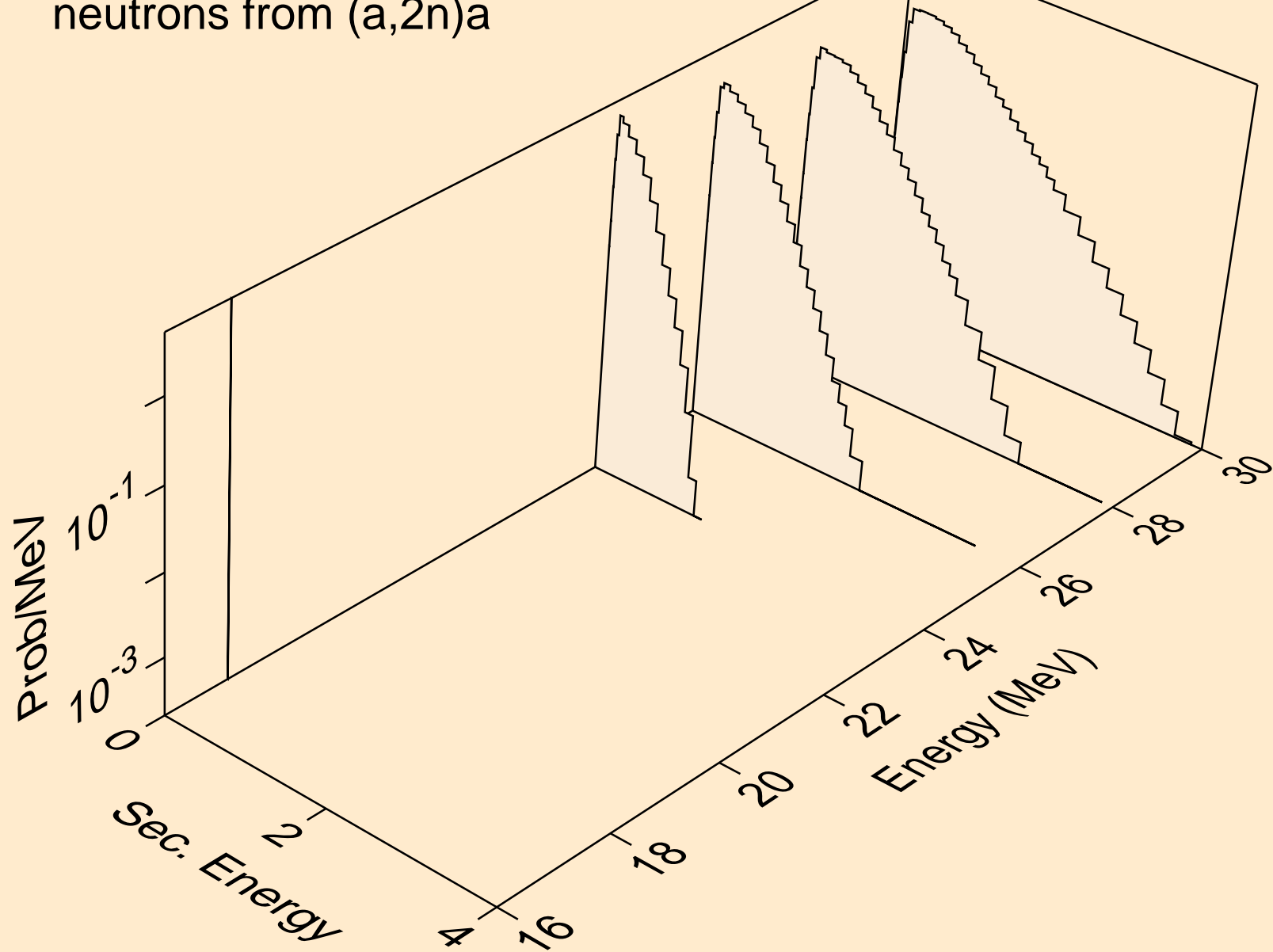
LU169 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,2n)



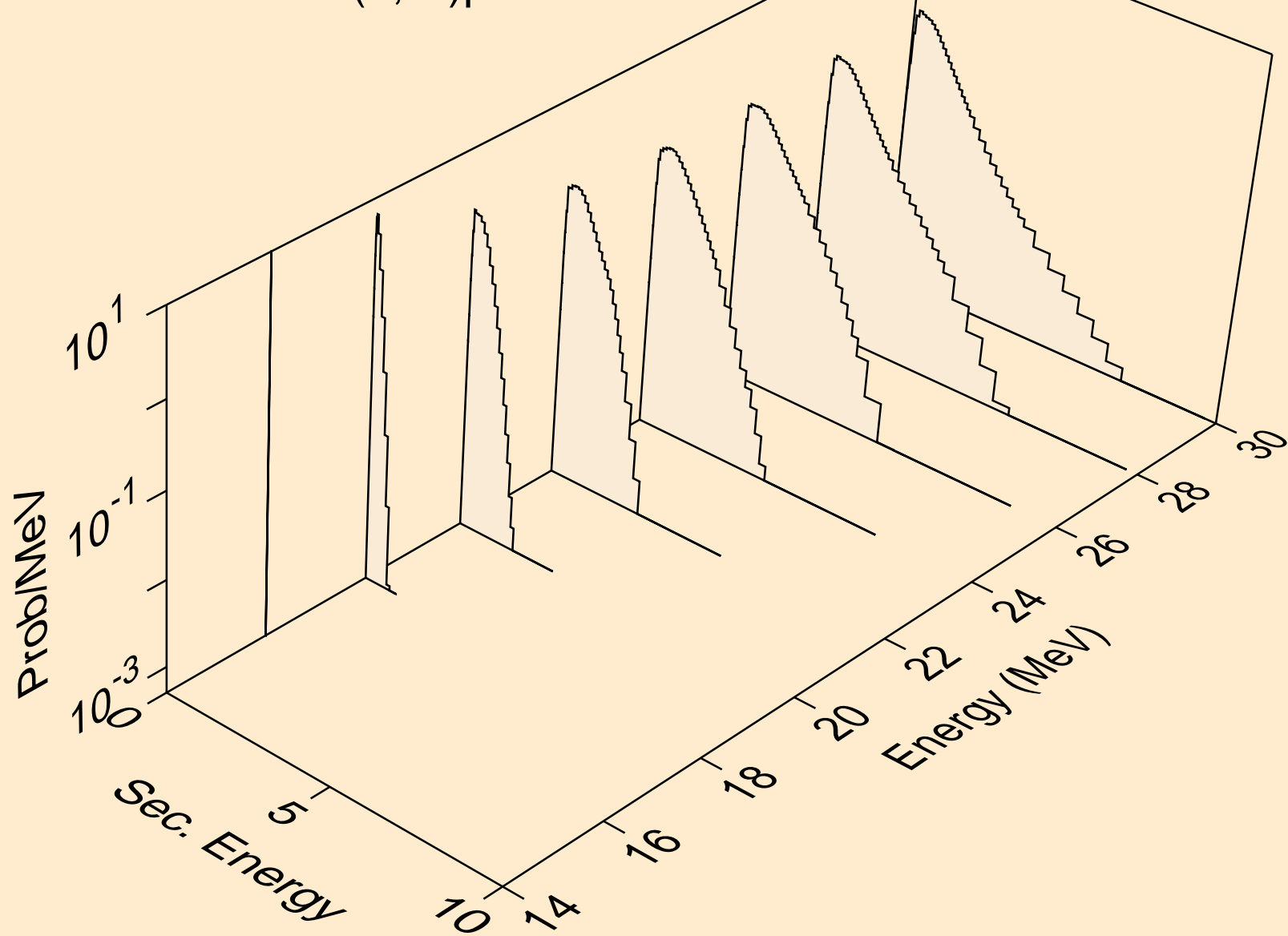
LU169 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n*)a



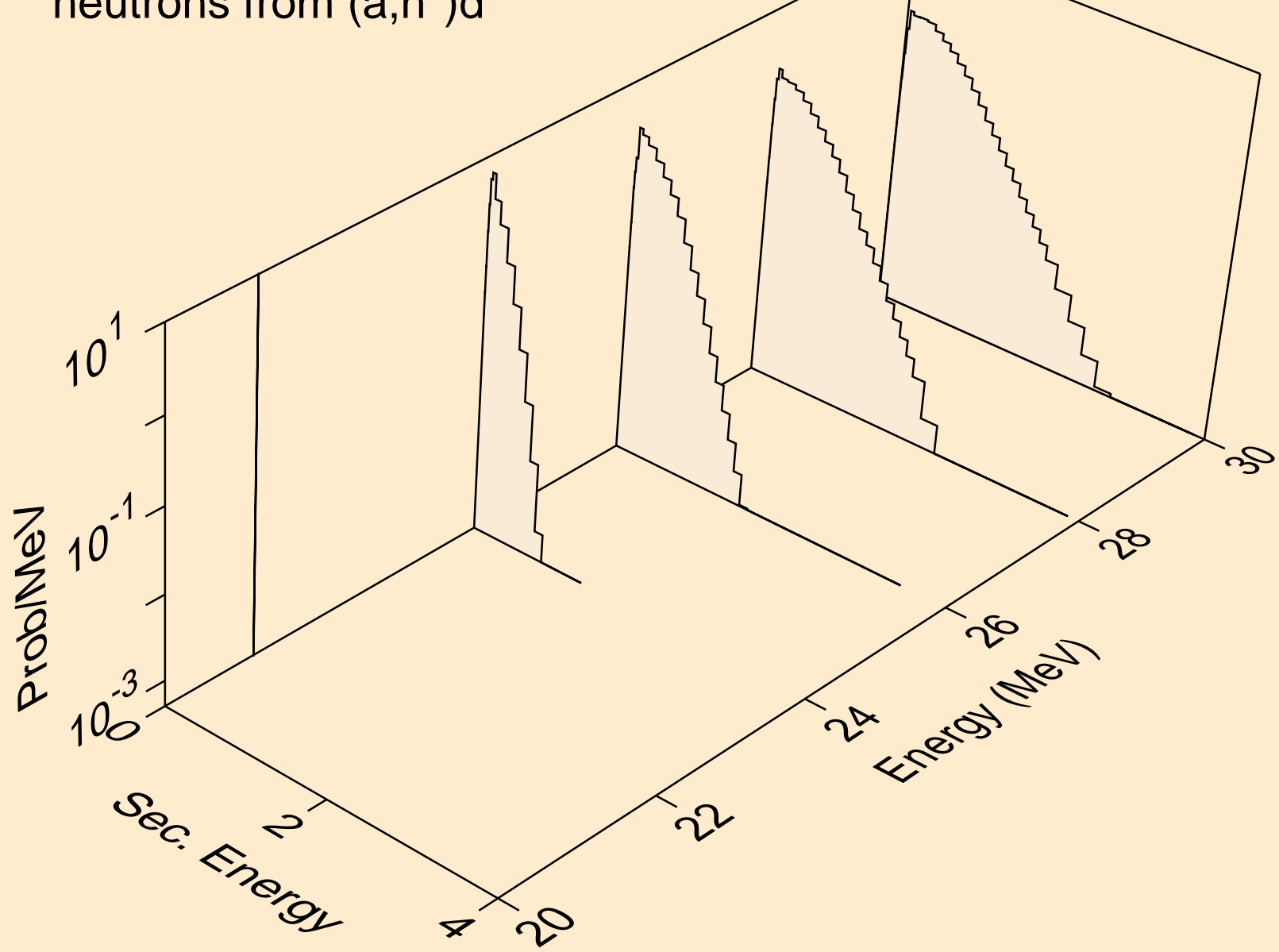
LU169 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,2n)a



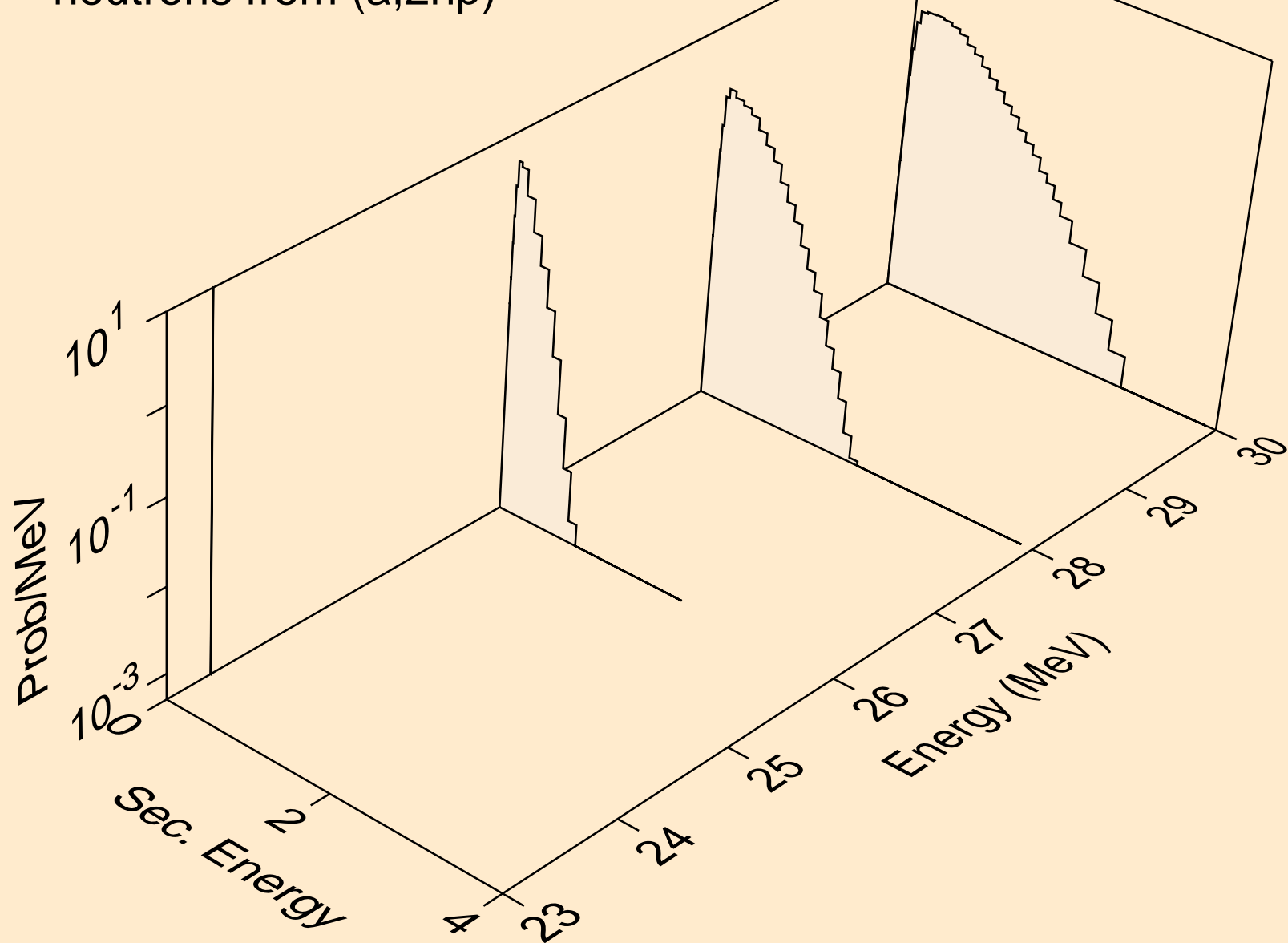
LU169 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n*)p



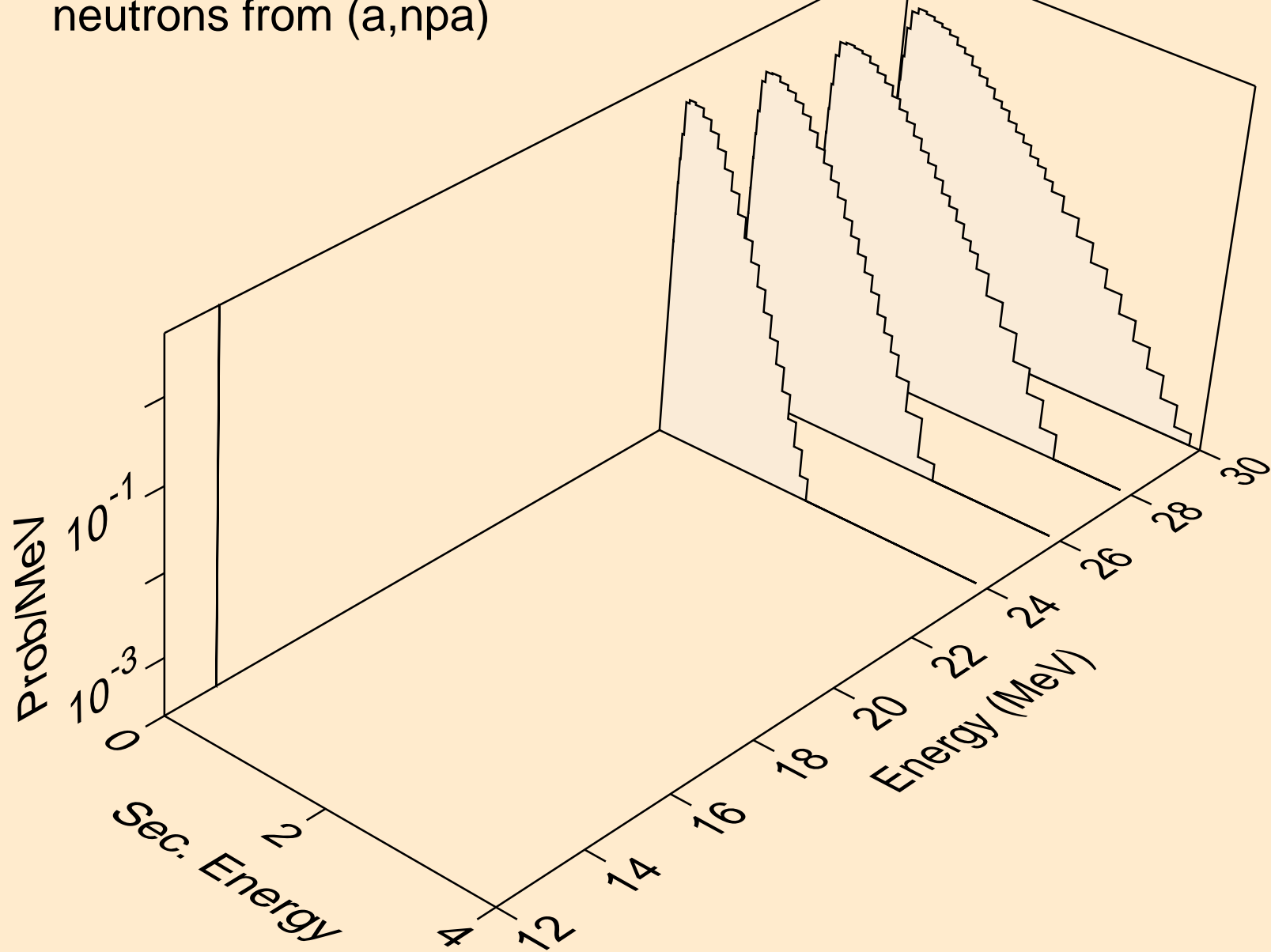
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neutrons from (a,n*)d



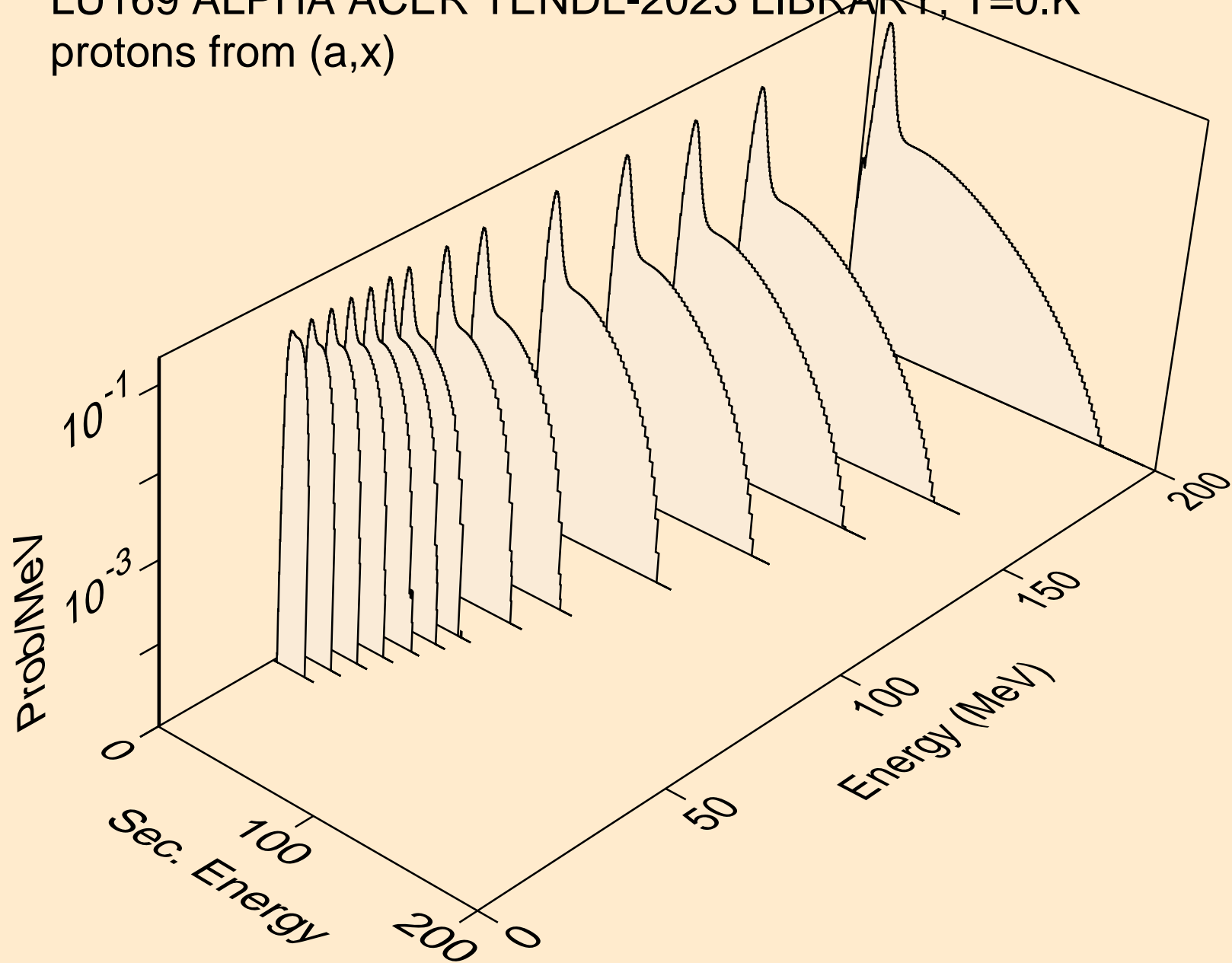
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neutrons from (a,2np)



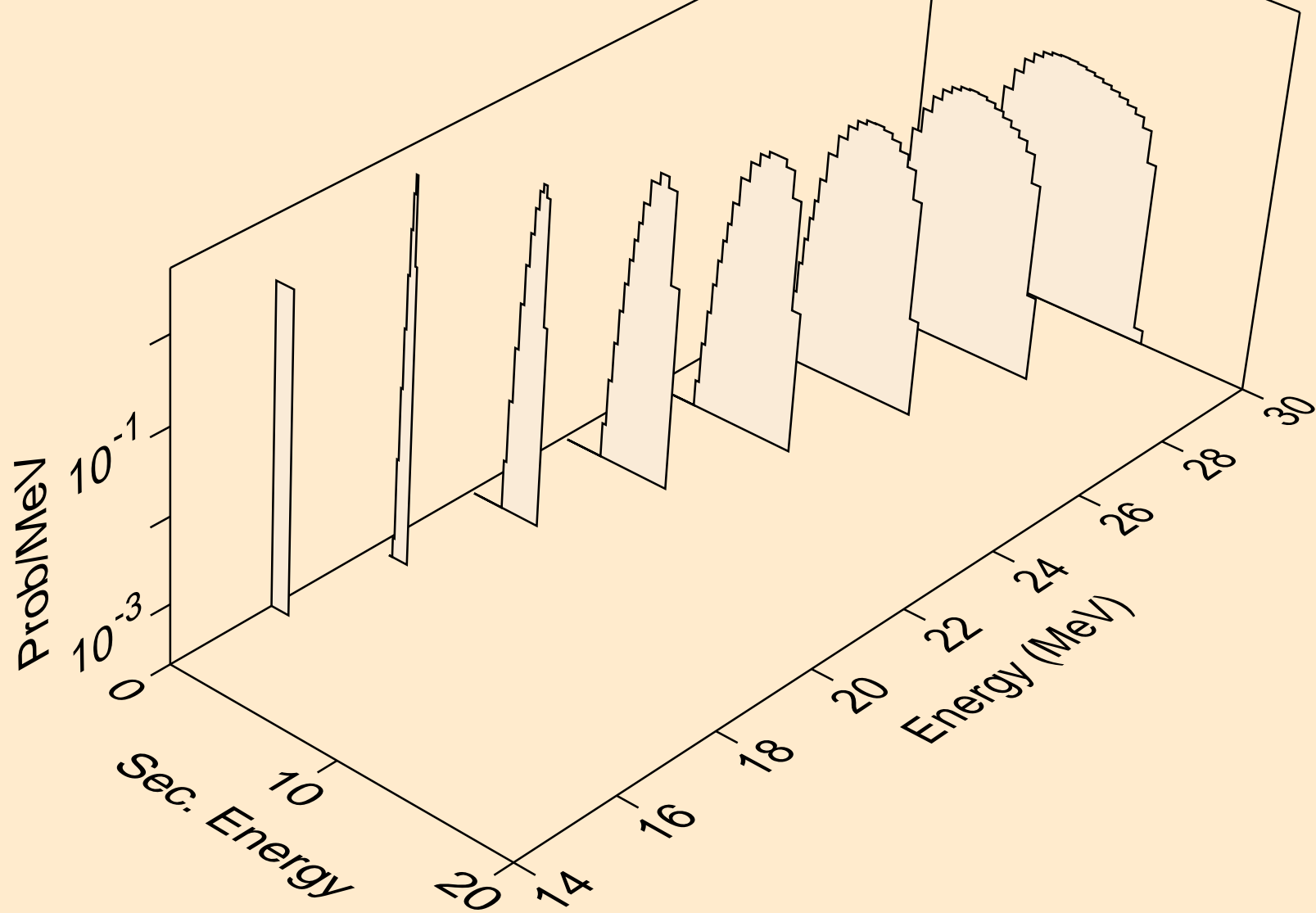
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neutrons from (a,npa)



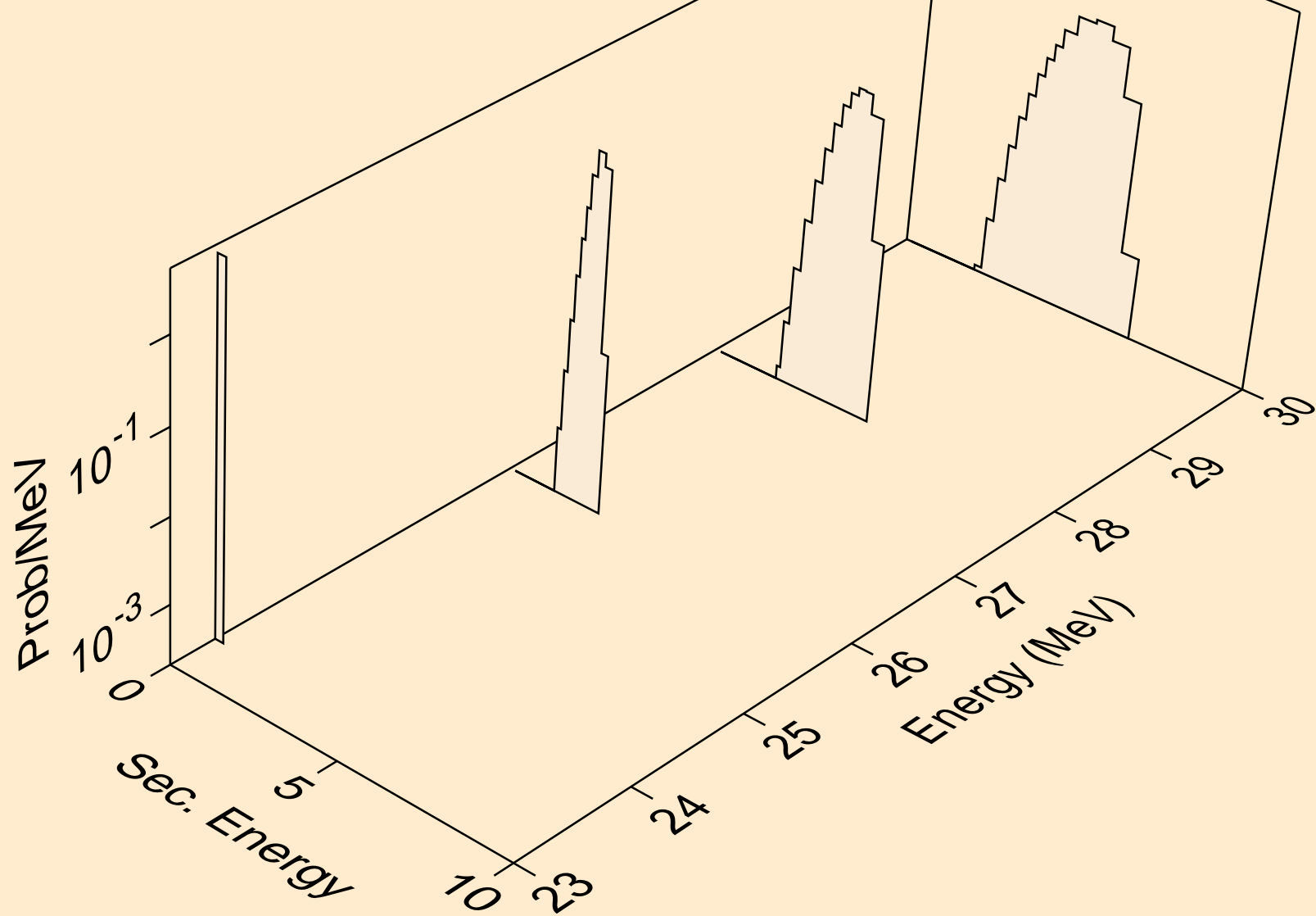
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protons from (a,x)



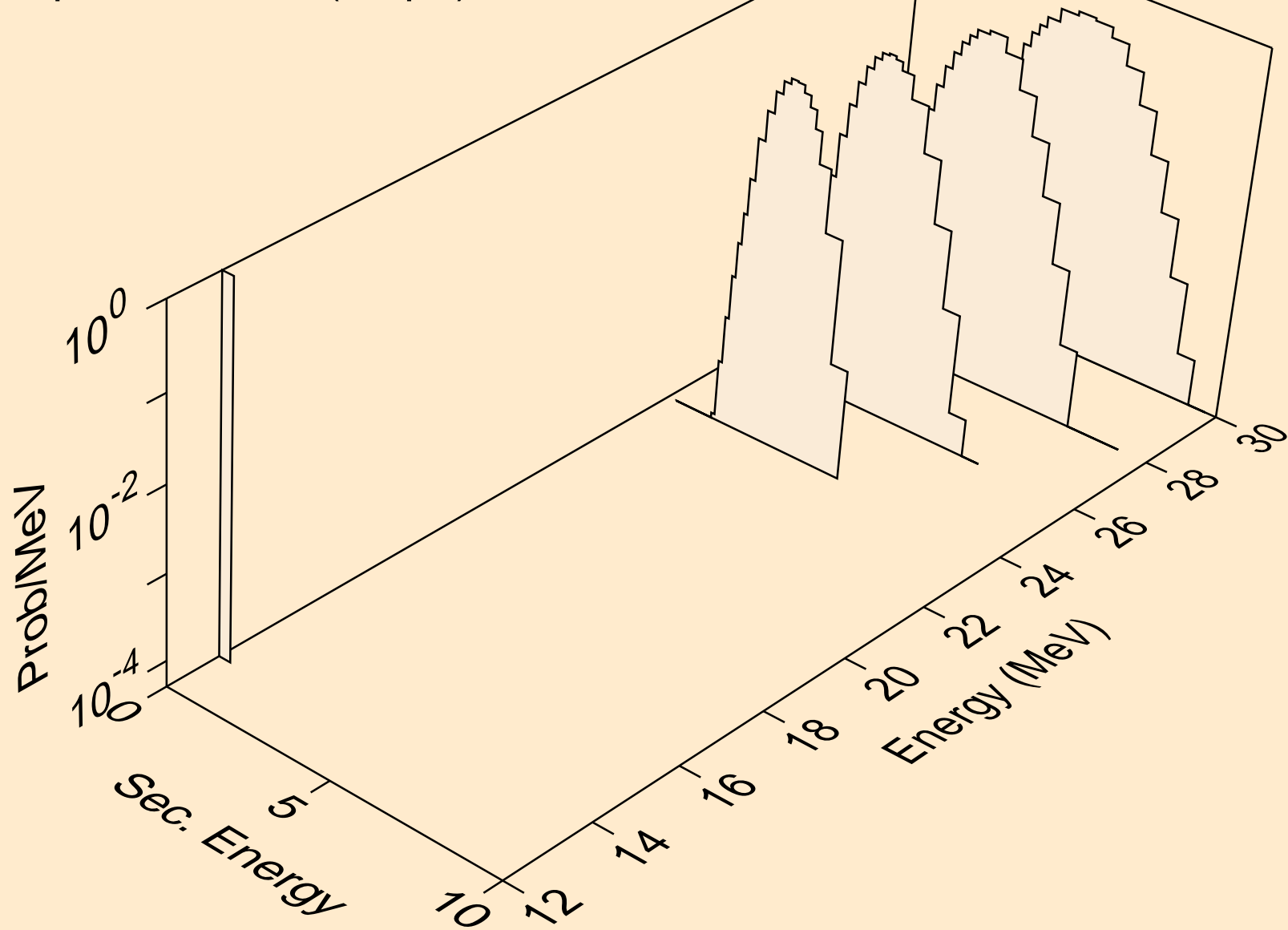
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protons from (a,n*)p



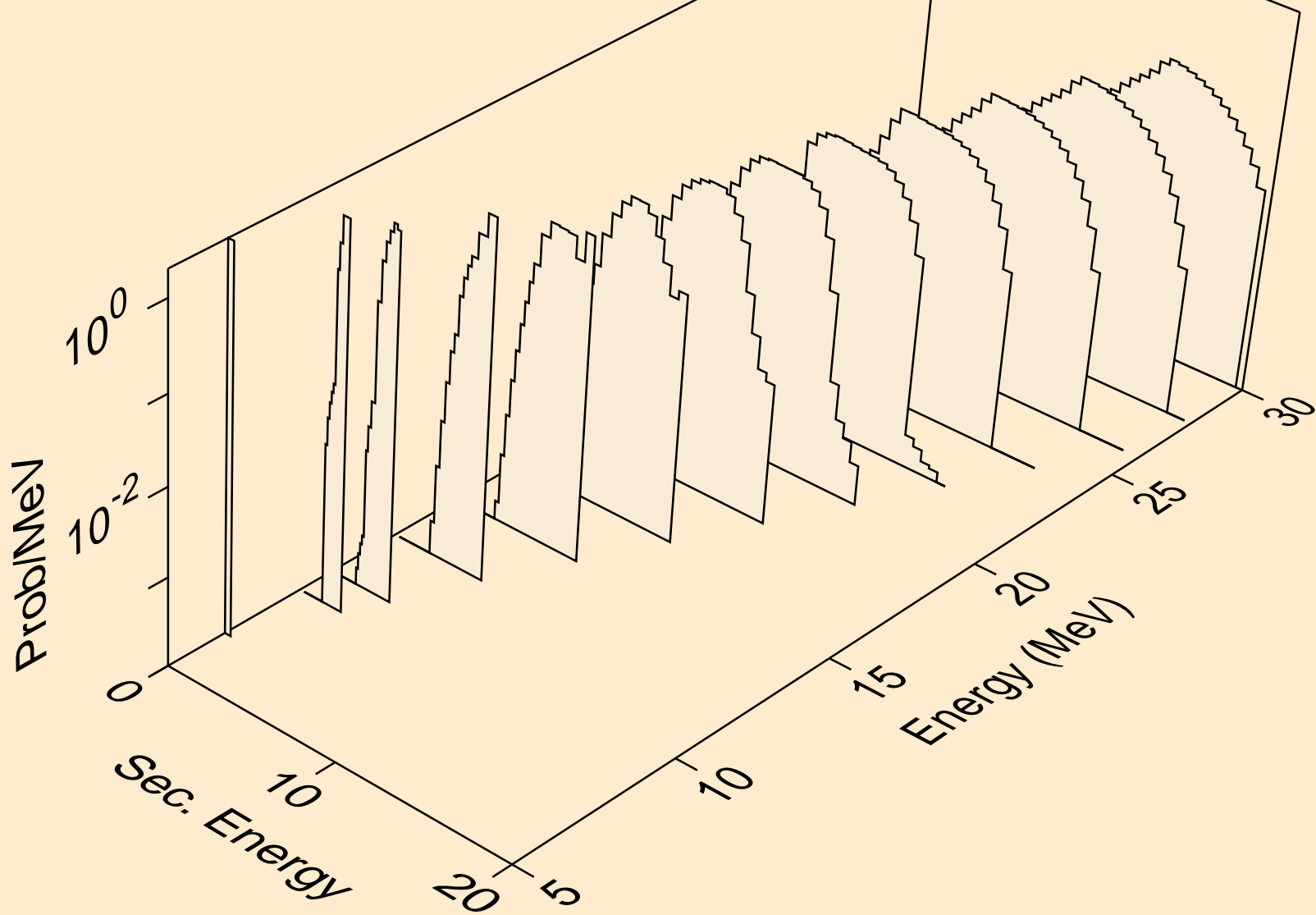
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protons from (a,2np)



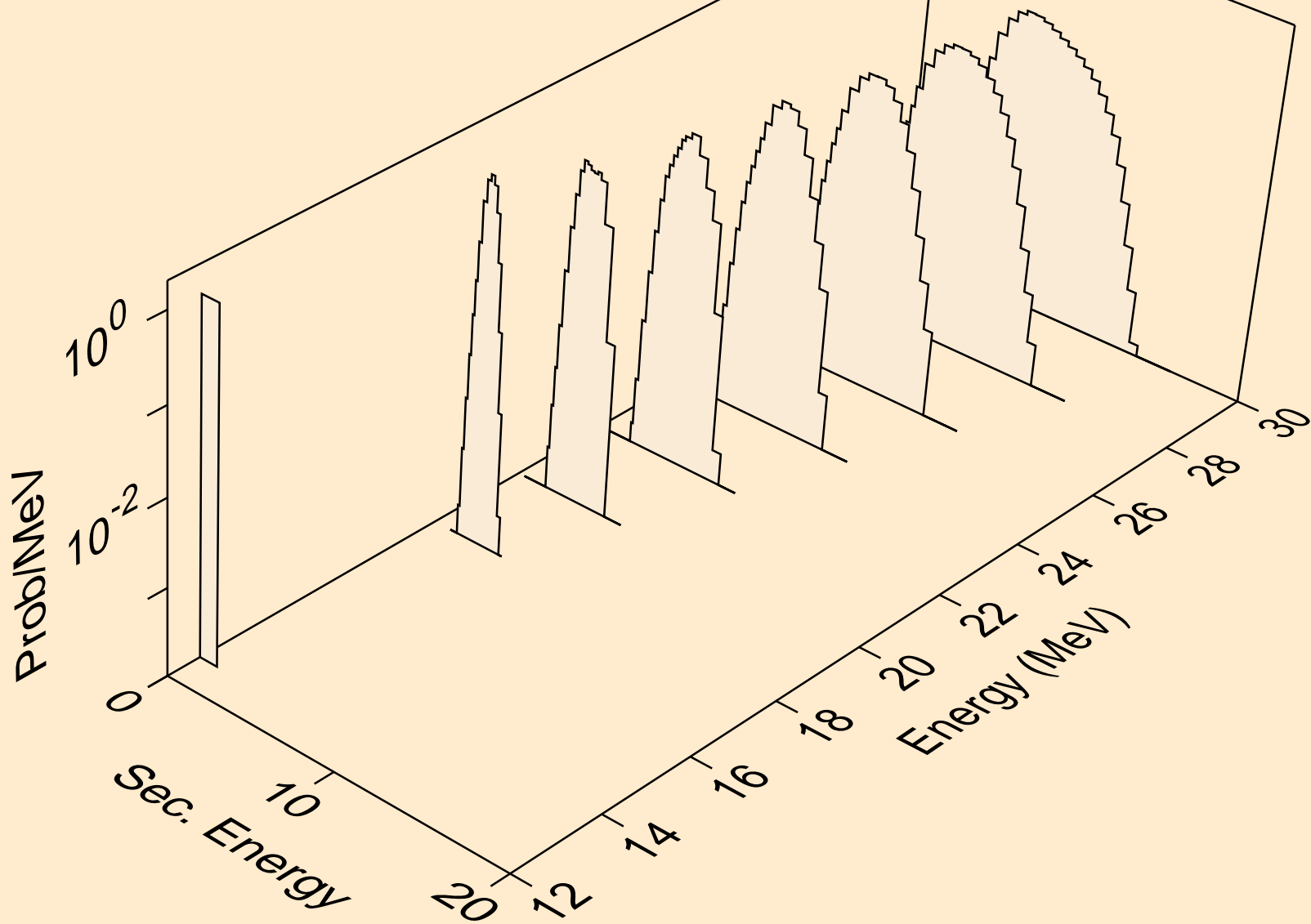
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protons from (a,npa)



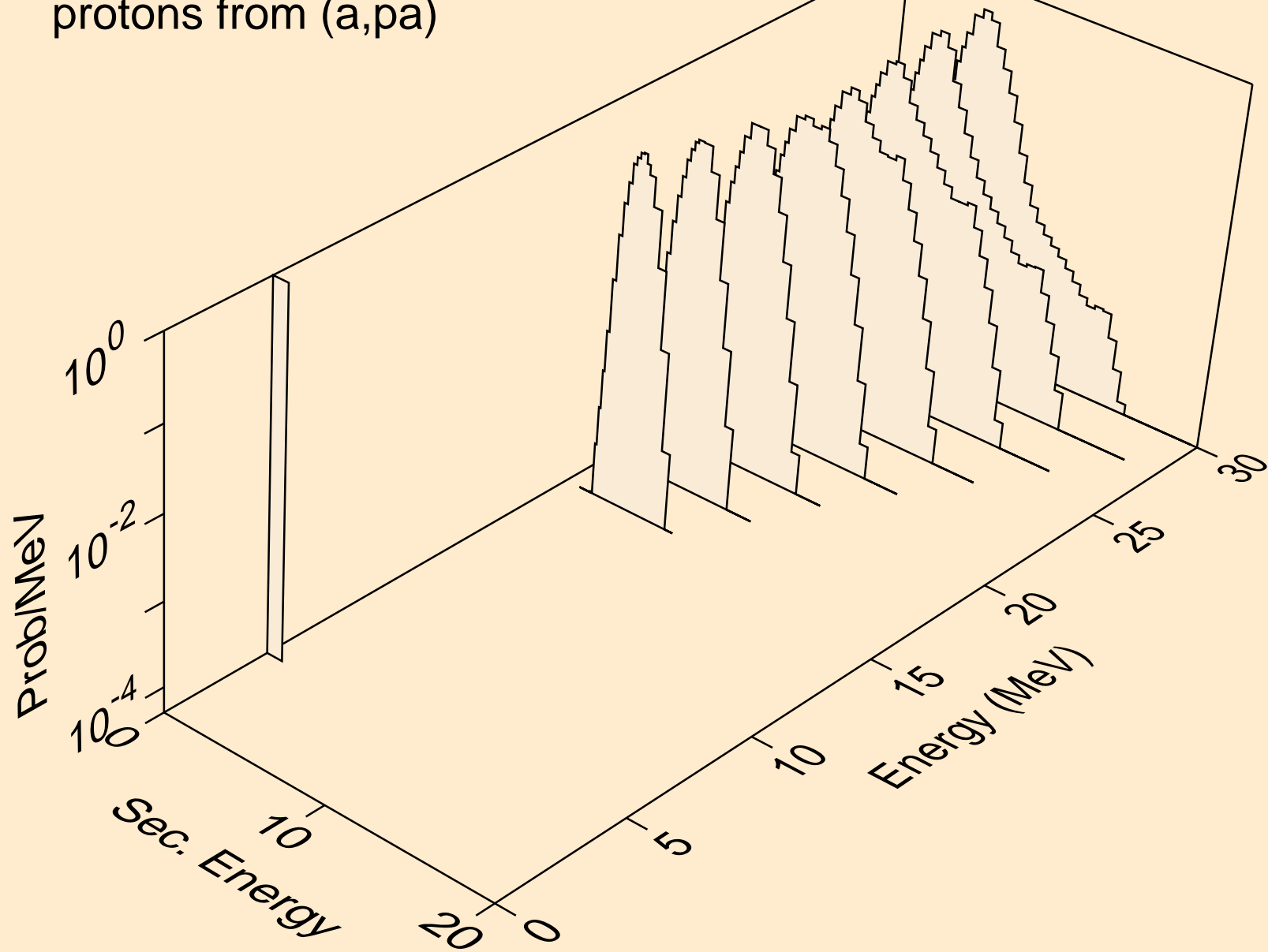
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protons from (a,p)



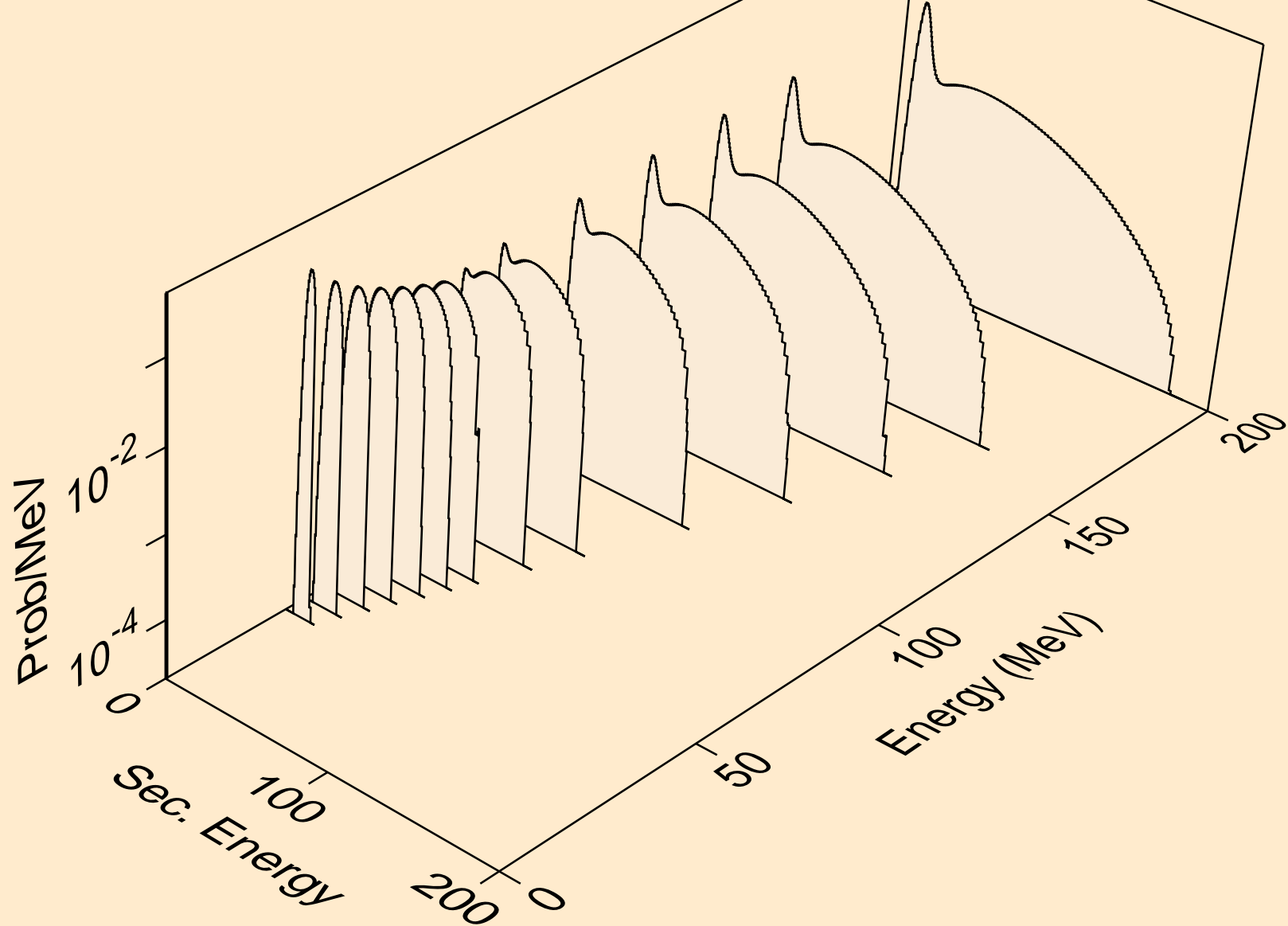
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protons from (a,2p)



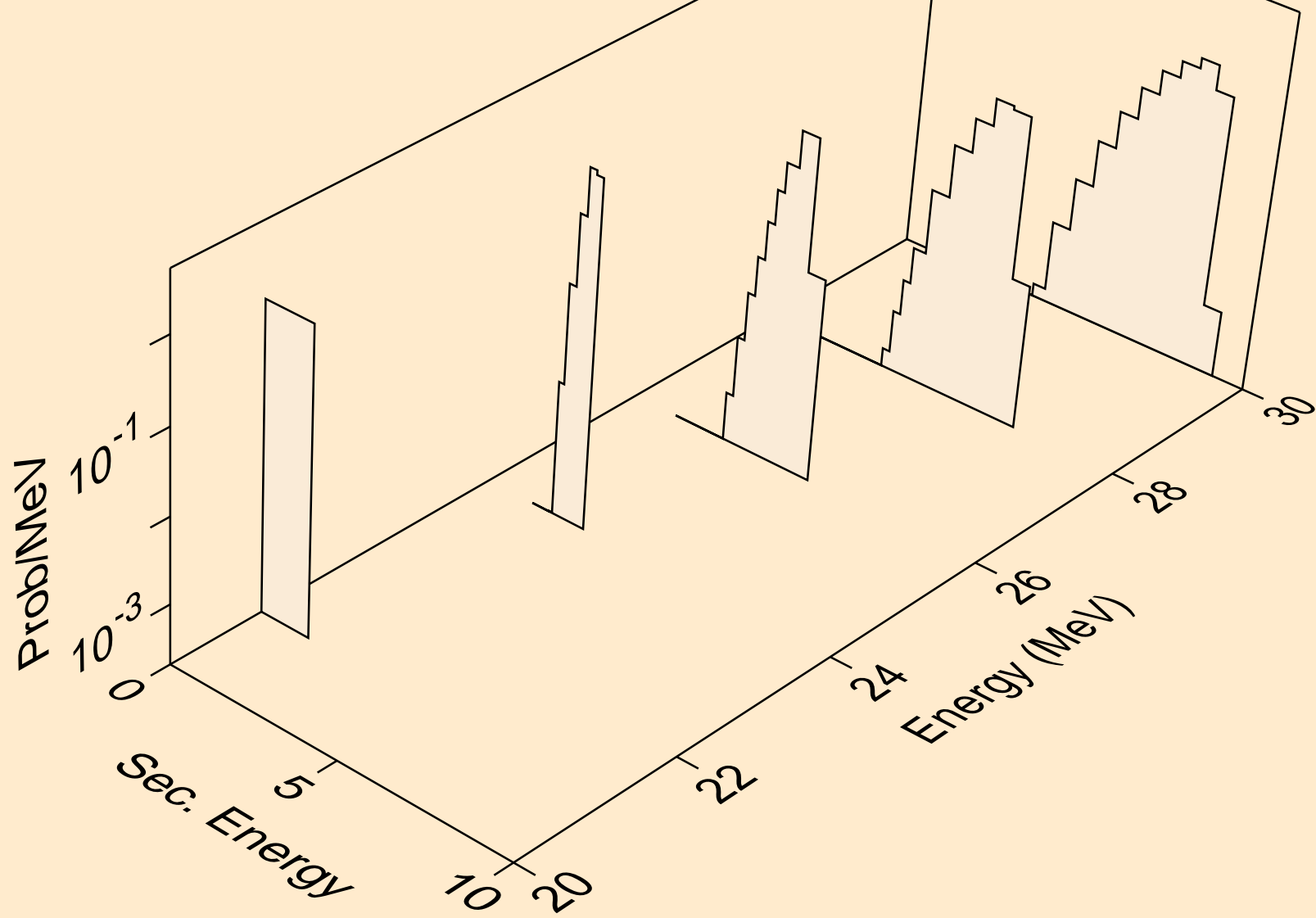
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protons from (a,pa)



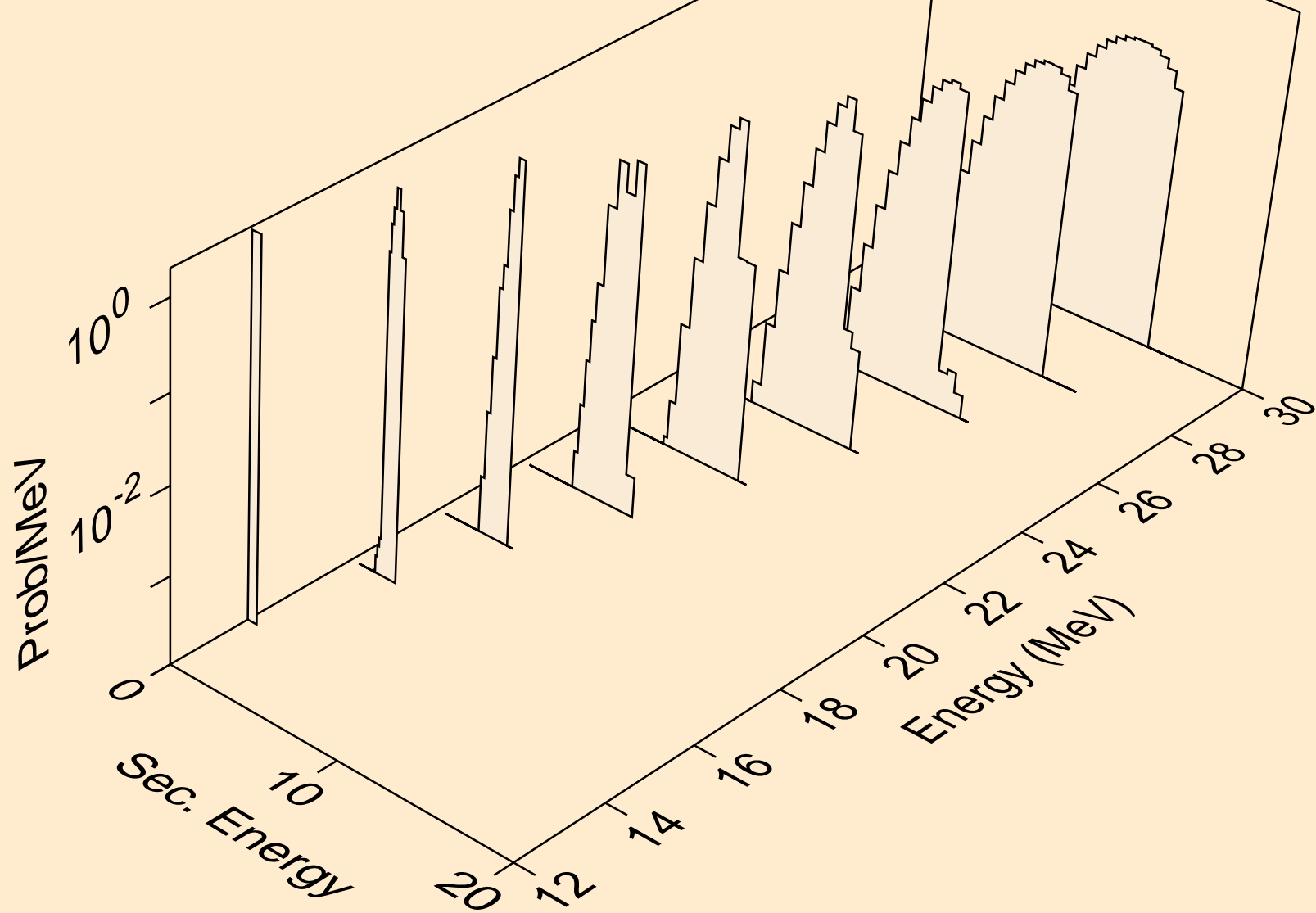
LU169 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (a,x)



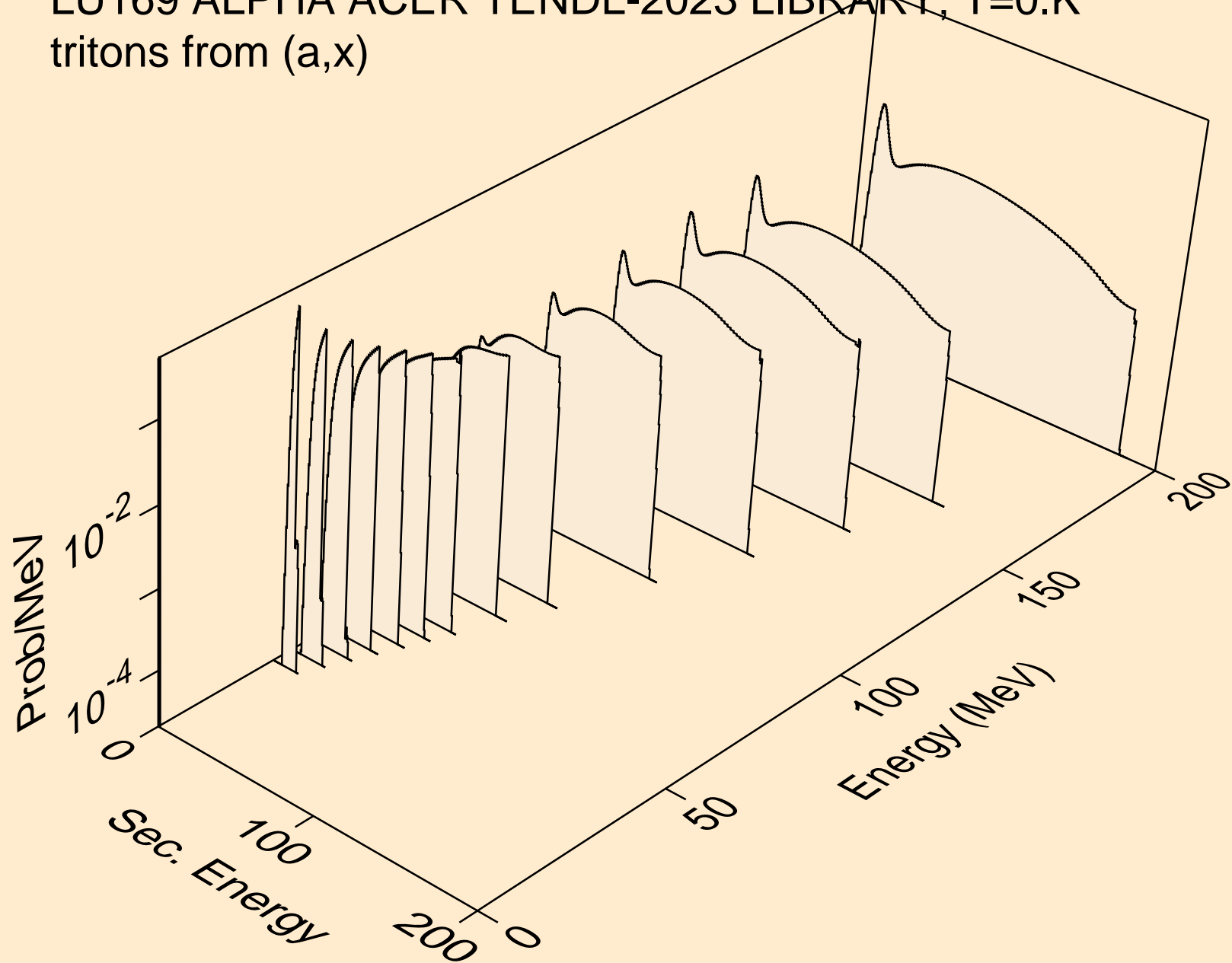
LU169 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (a,n*)d



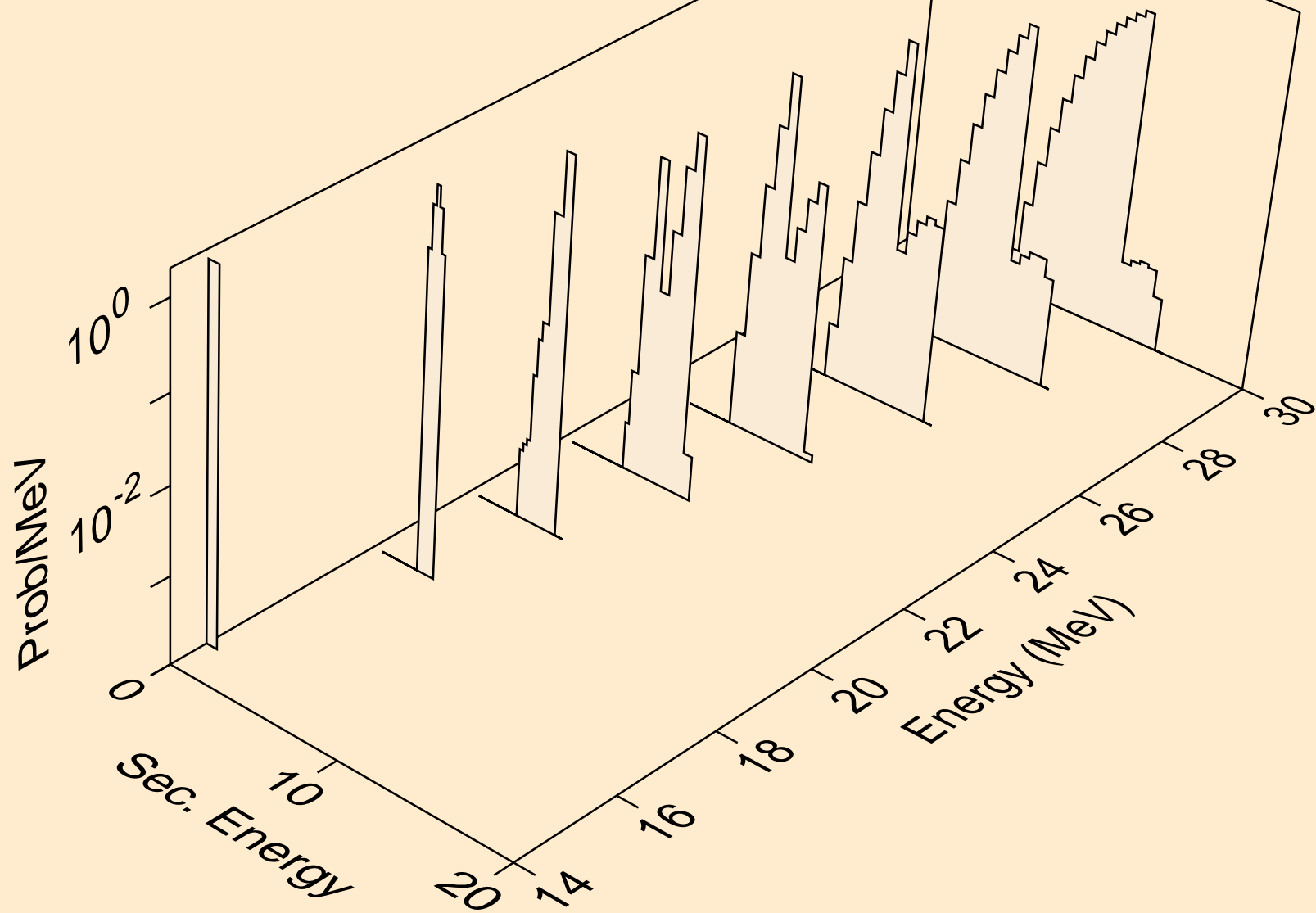
LU169 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (a,d)



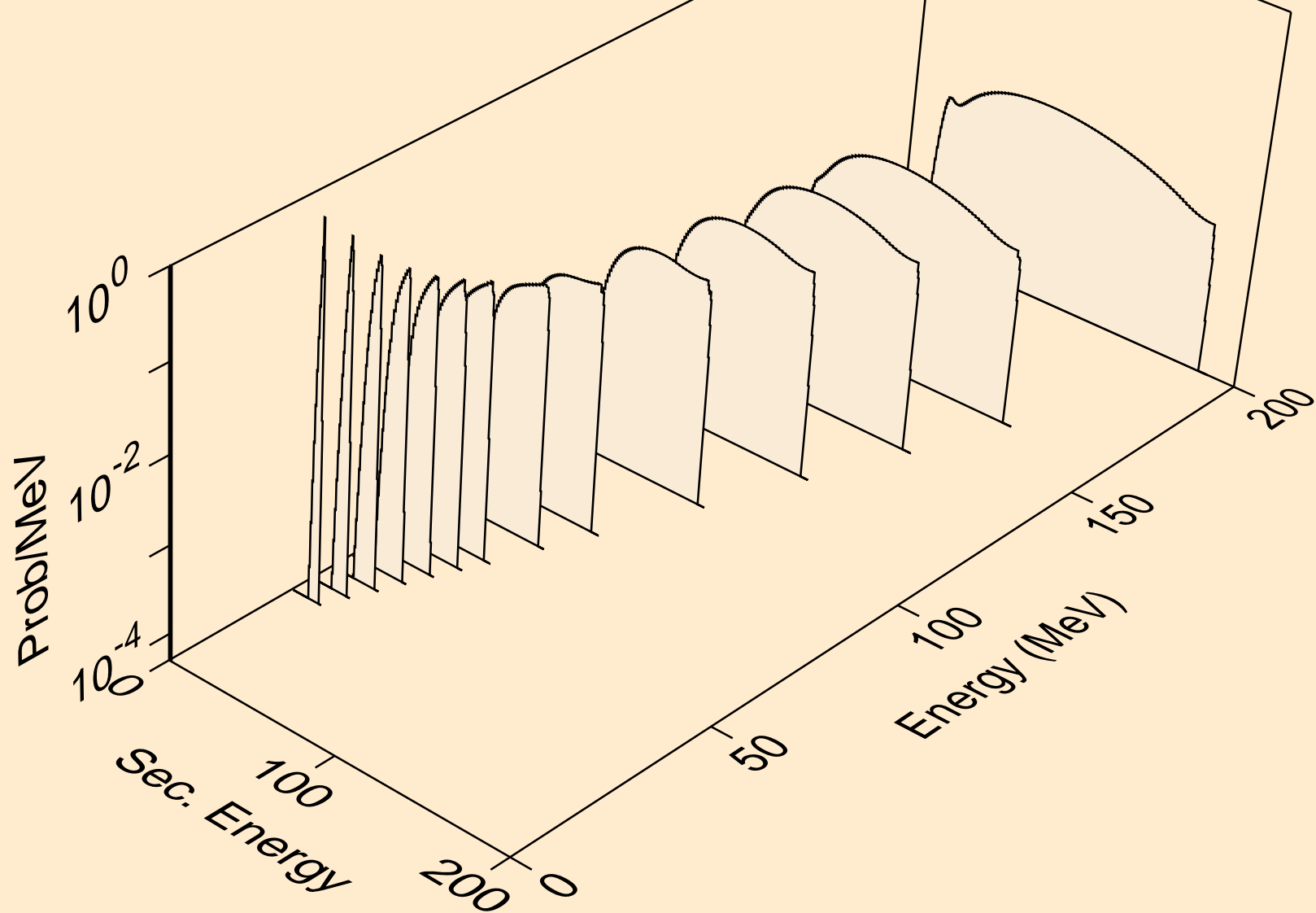
LU169 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
tritons from (a,x)



LU169 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
tritons from (a,t)



LU169 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
he3s from (a,x)



LU169 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
he3s from (a,he3)

