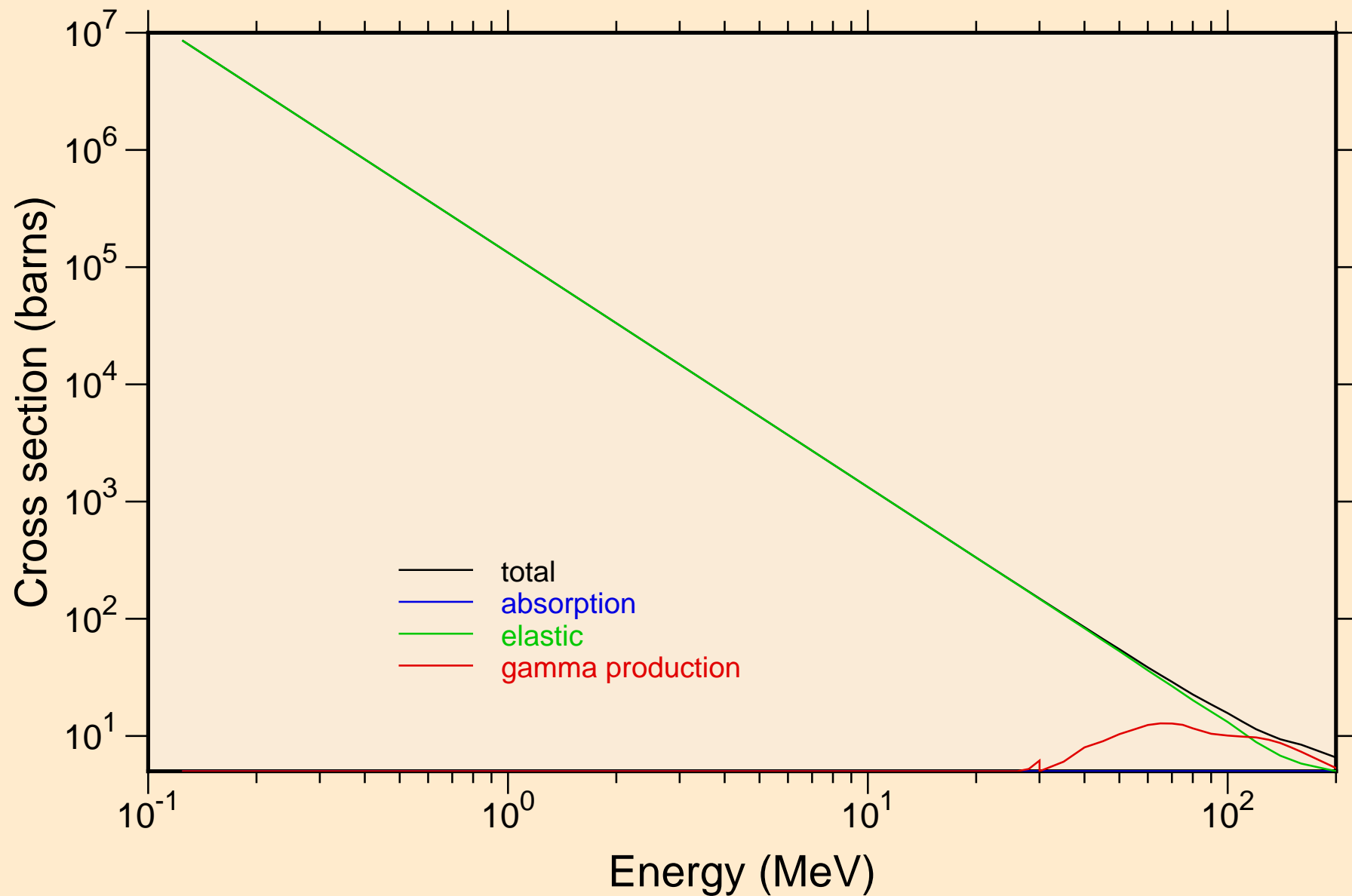


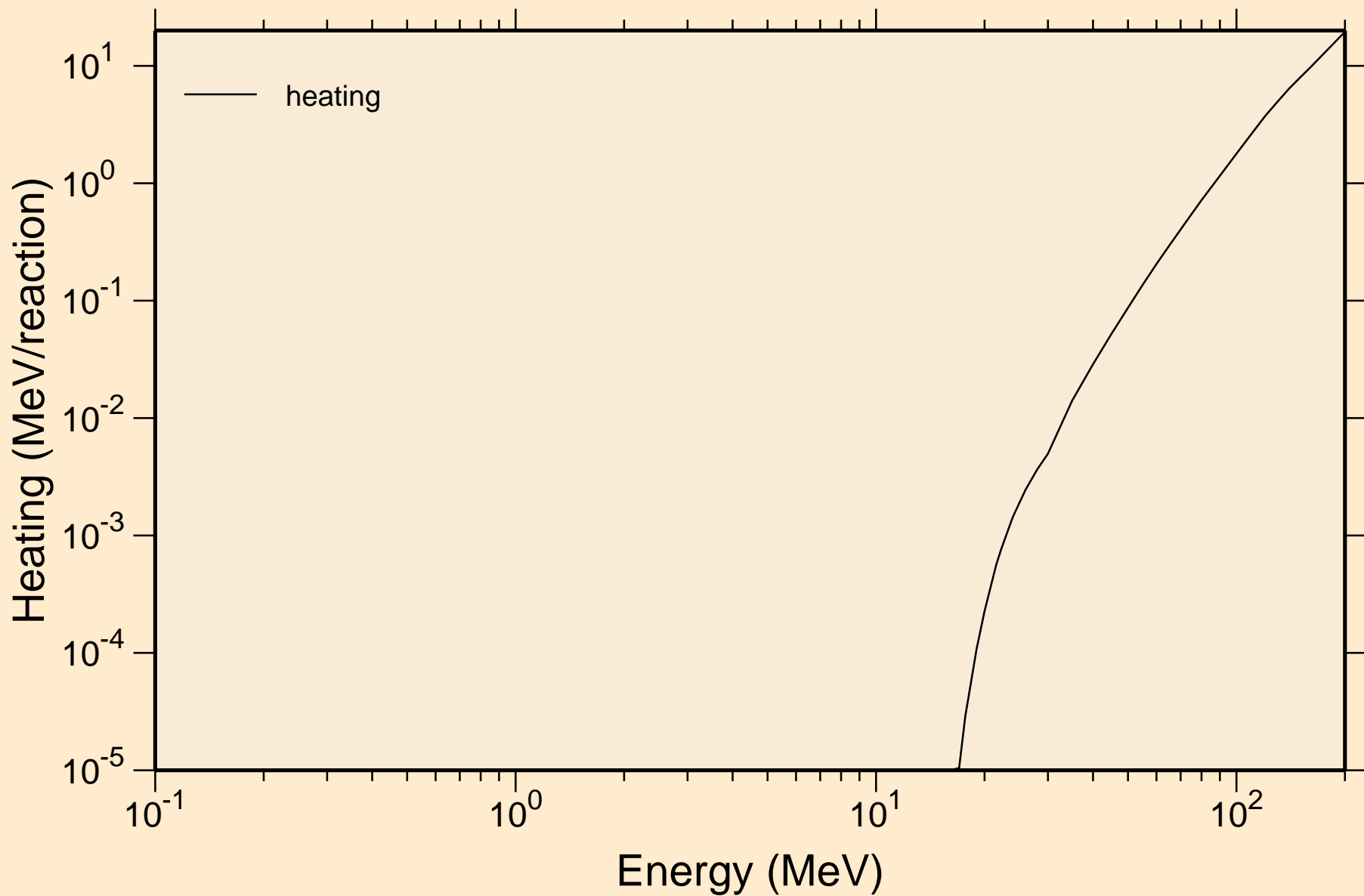
HF177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections

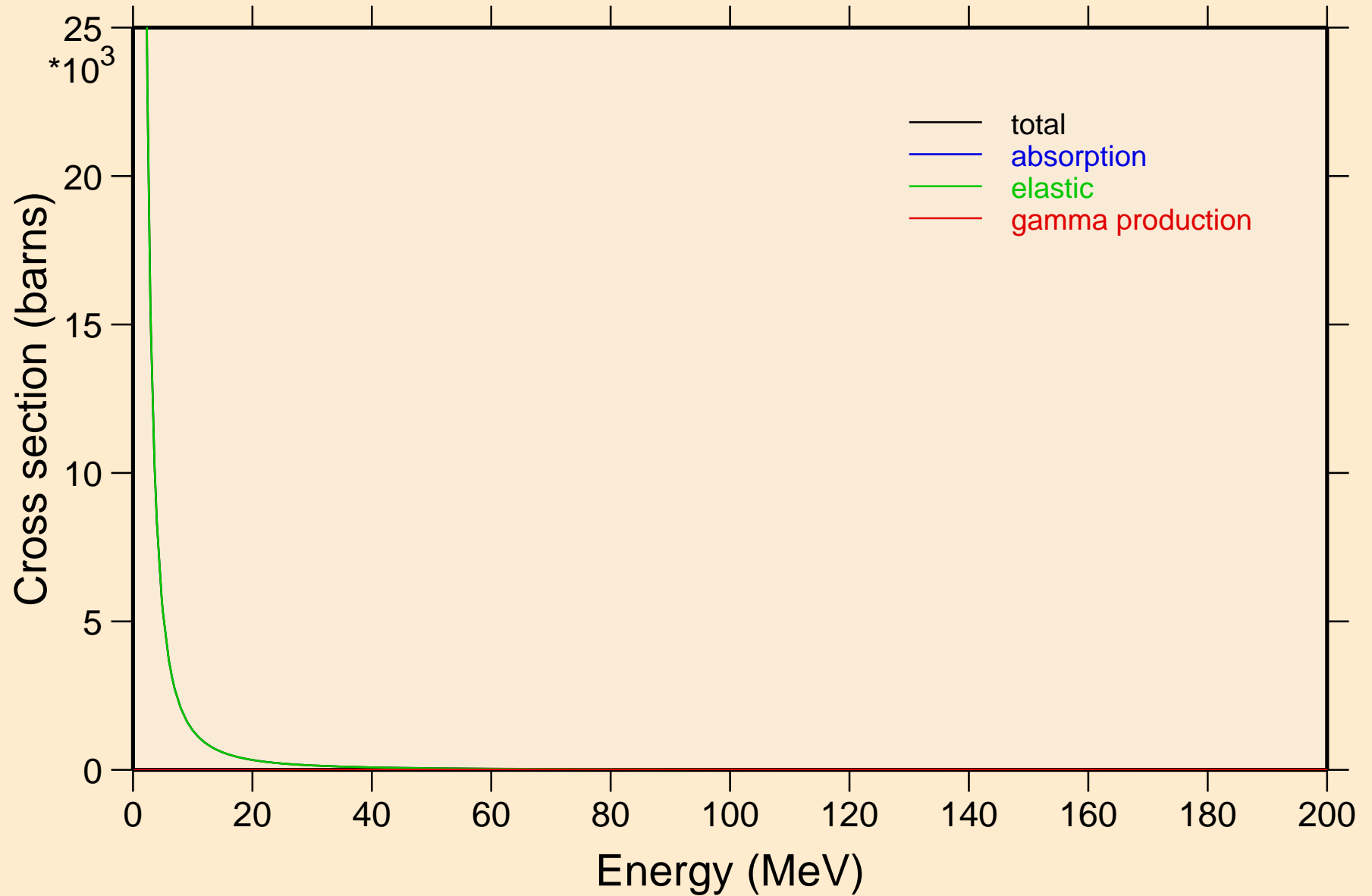


HF177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating

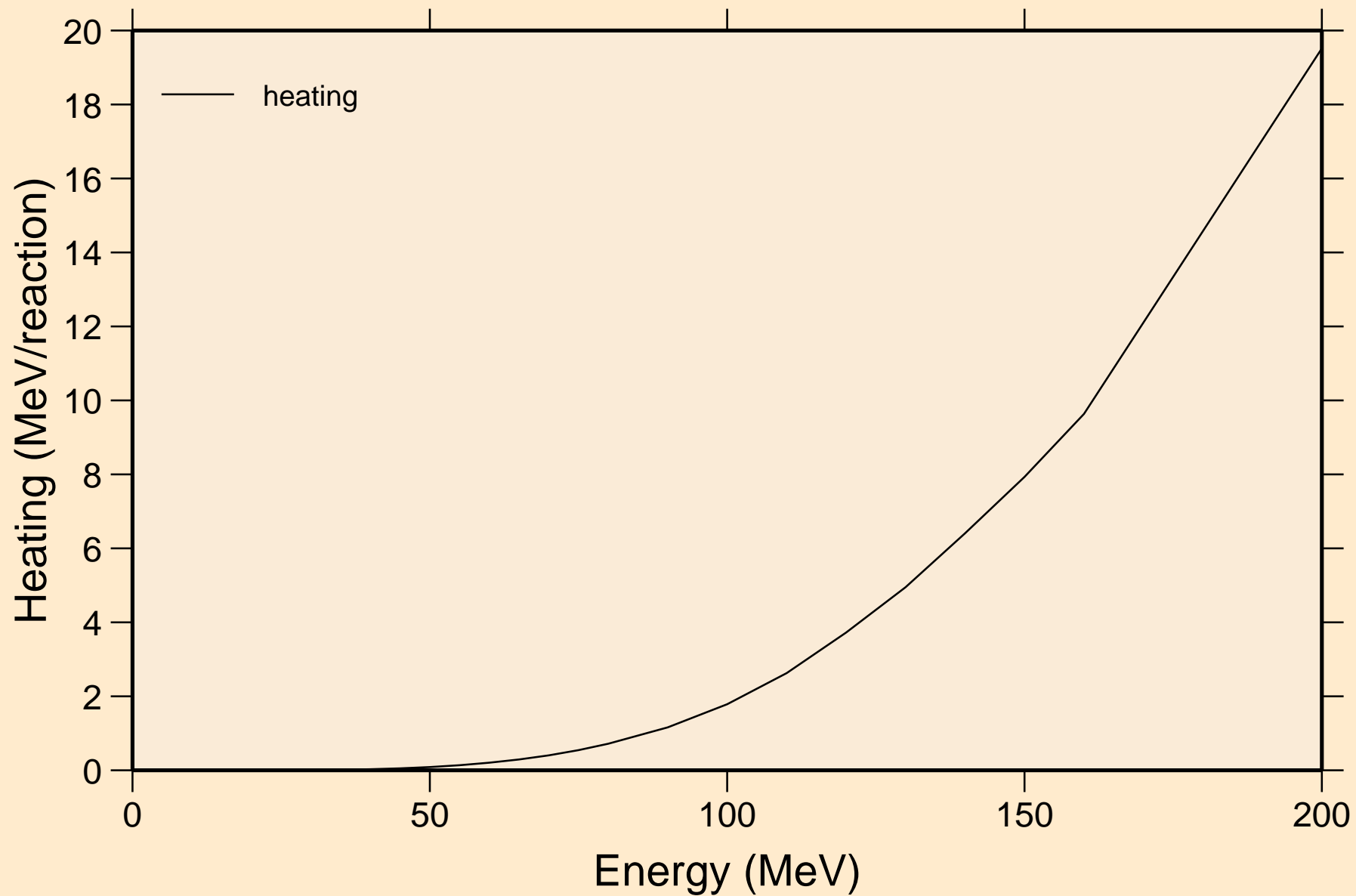


HF177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Principal cross sections



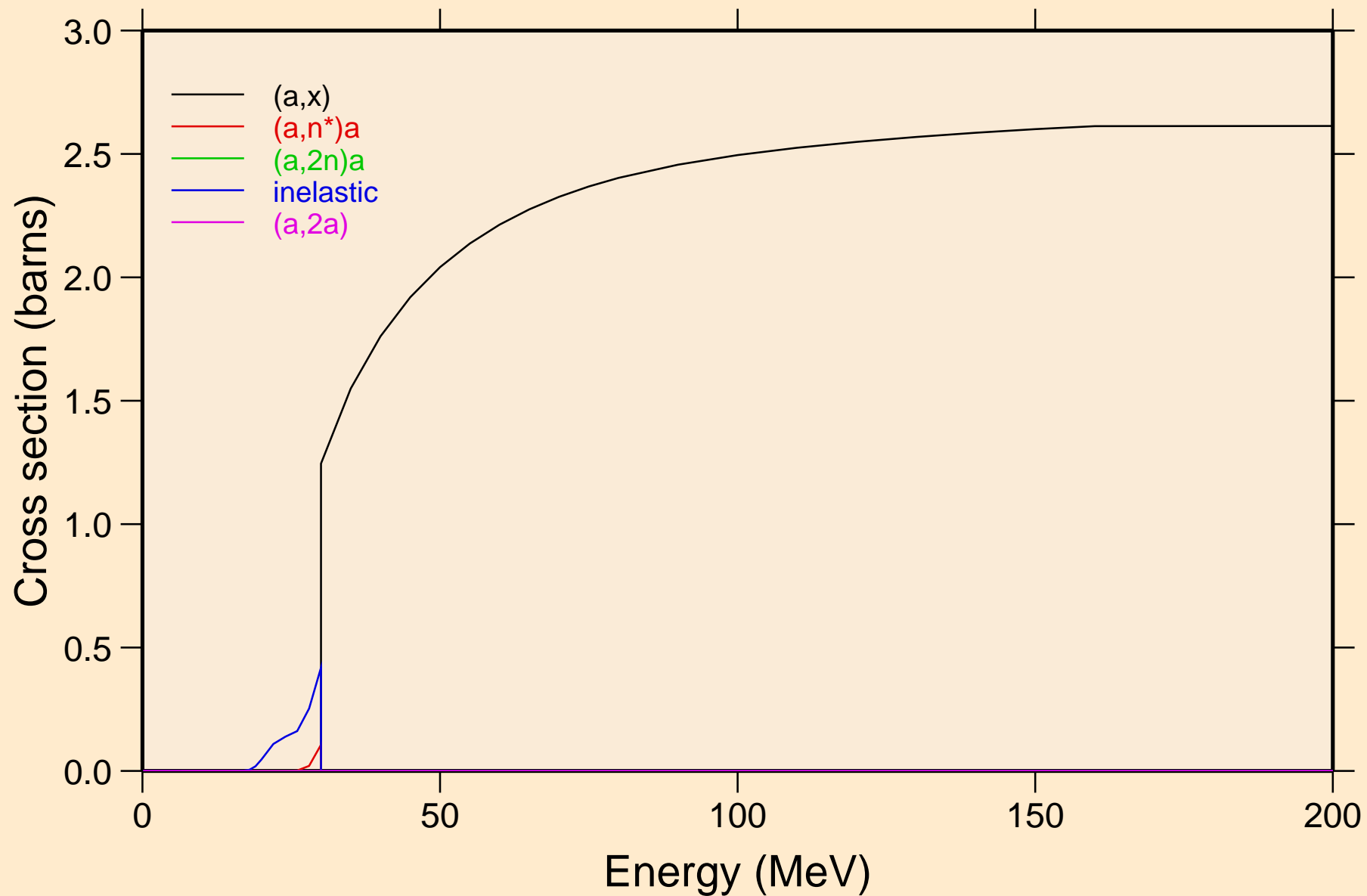
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Heating

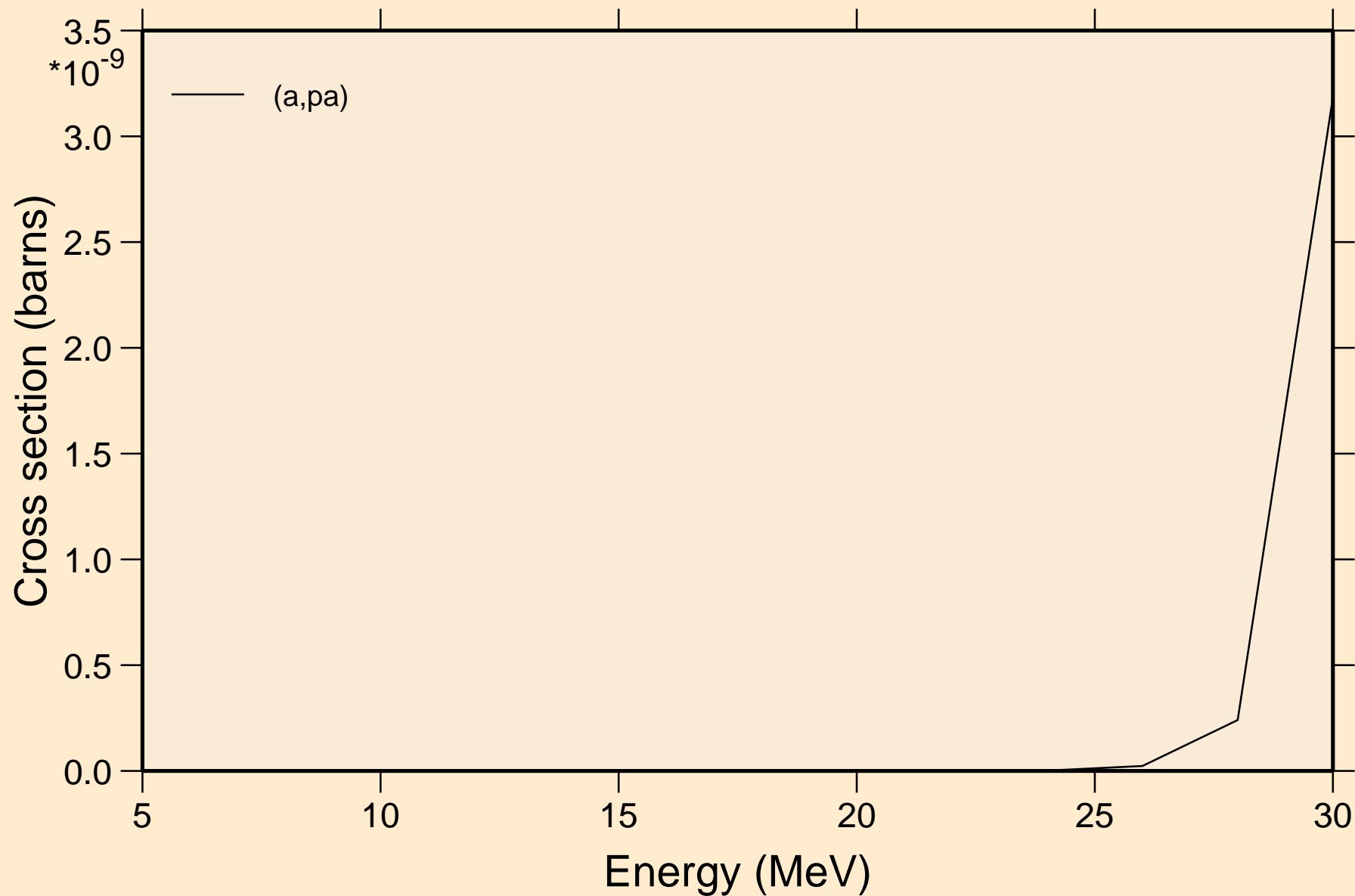


HF177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

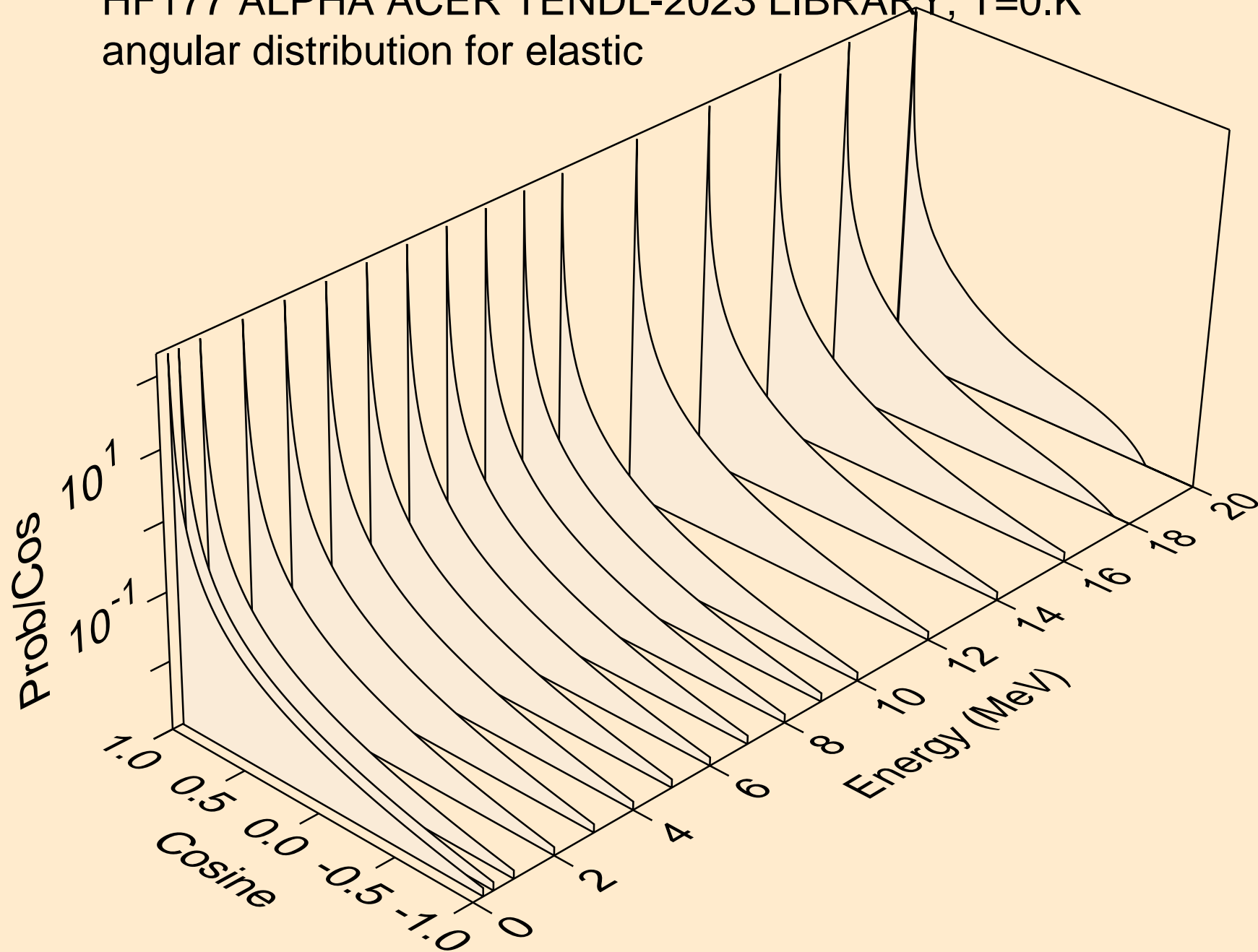
Threshold reactions



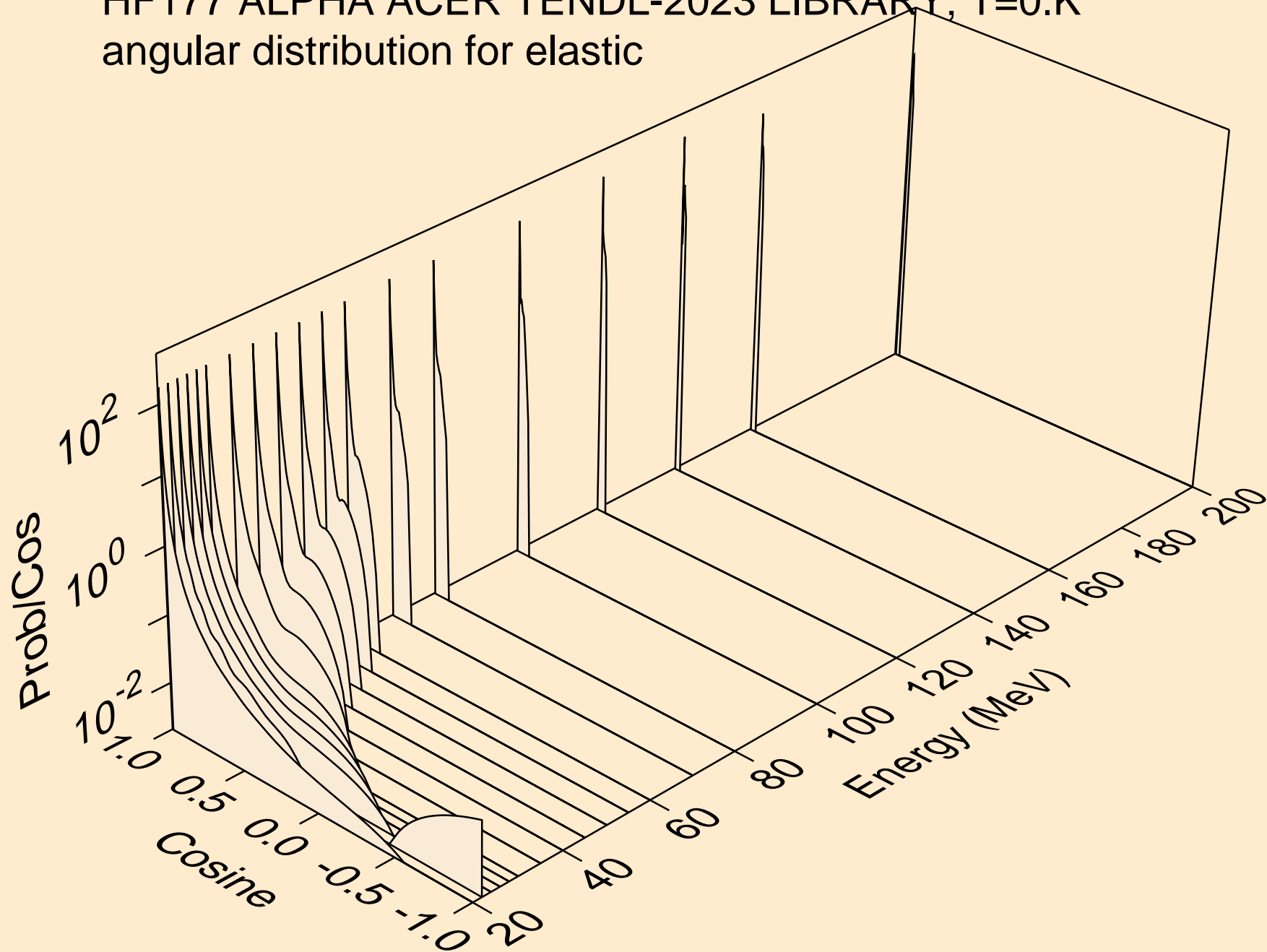
HF177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



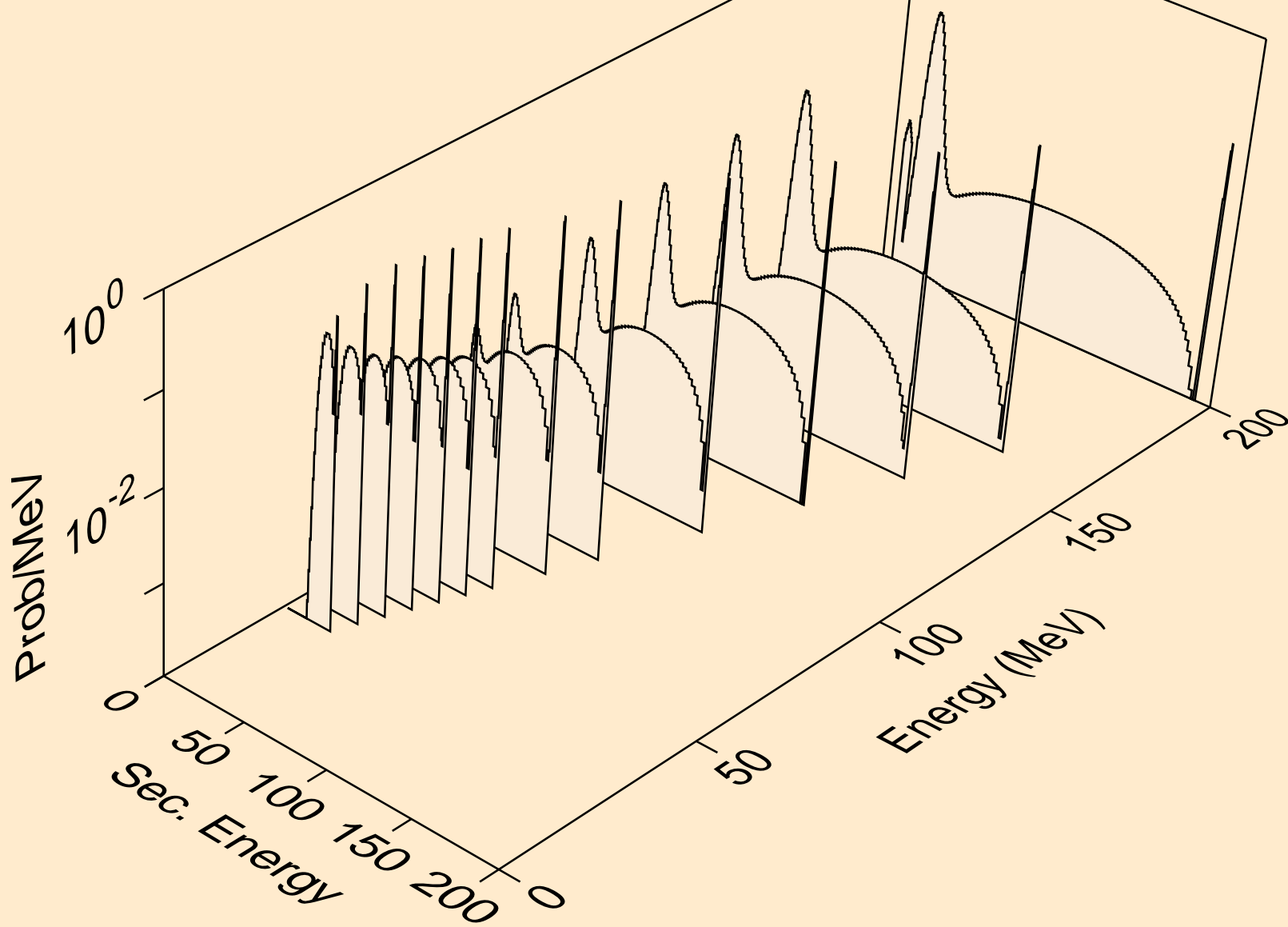
HF177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



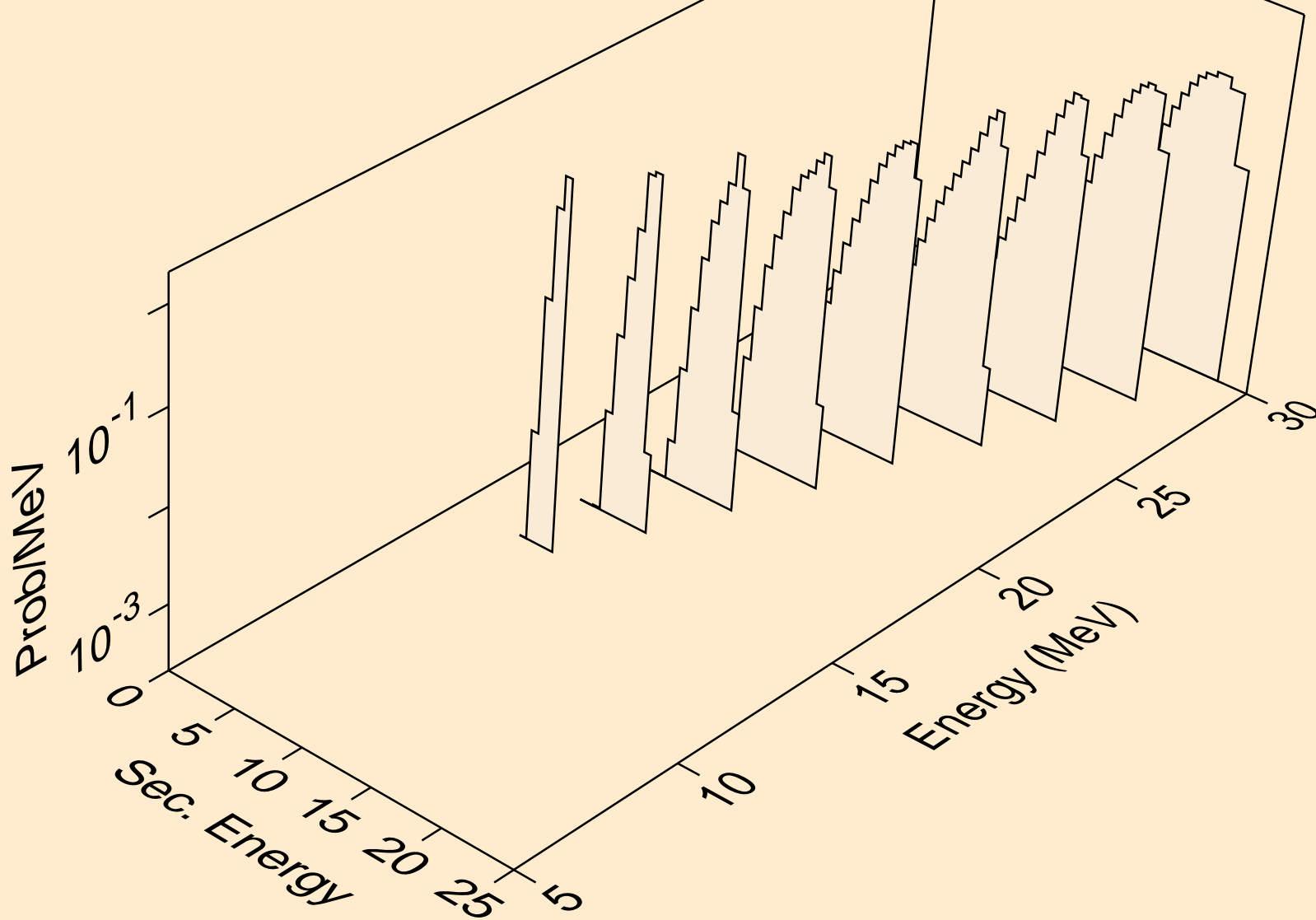
HF177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



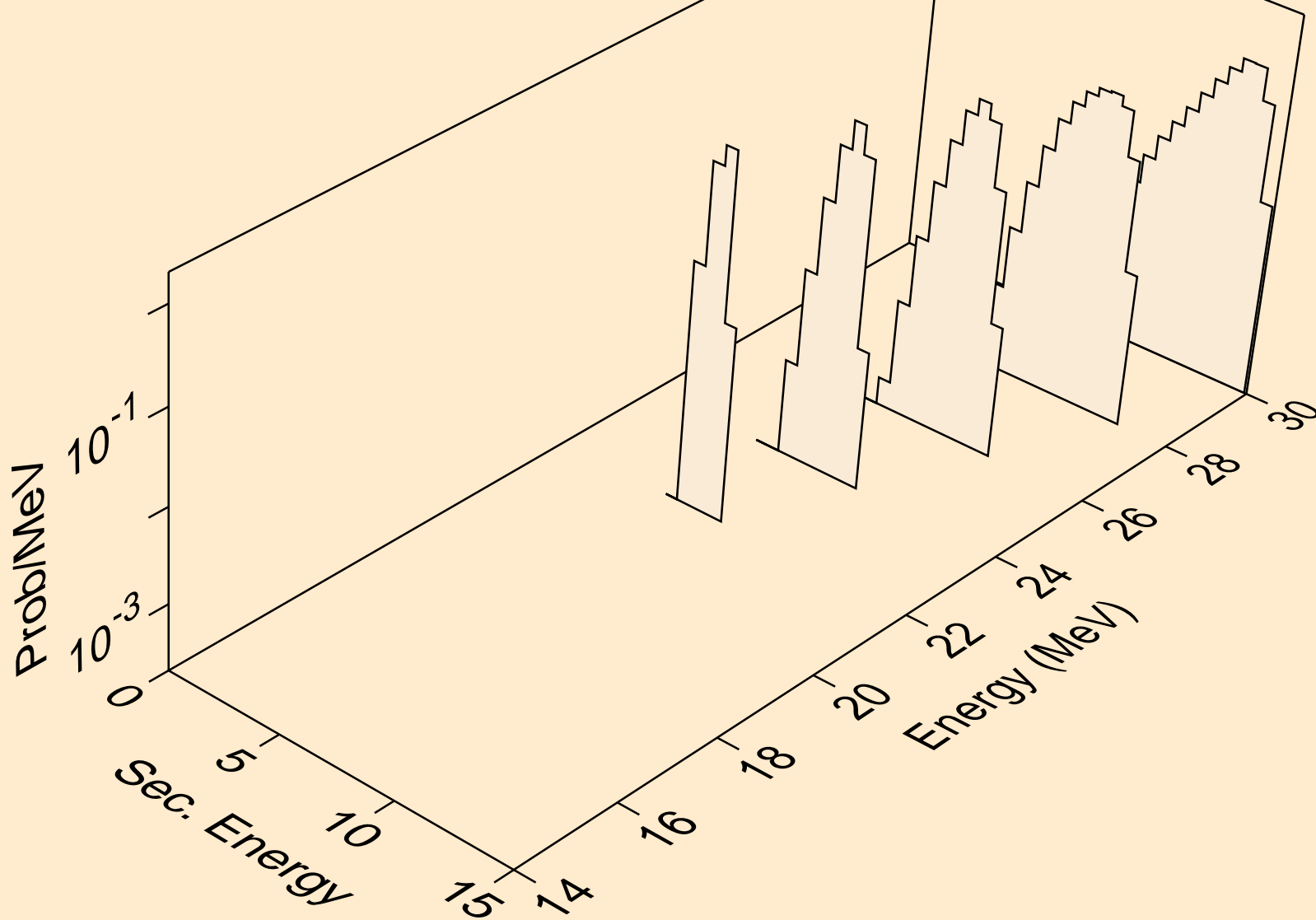
HF177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Alpha emission for (a,x)



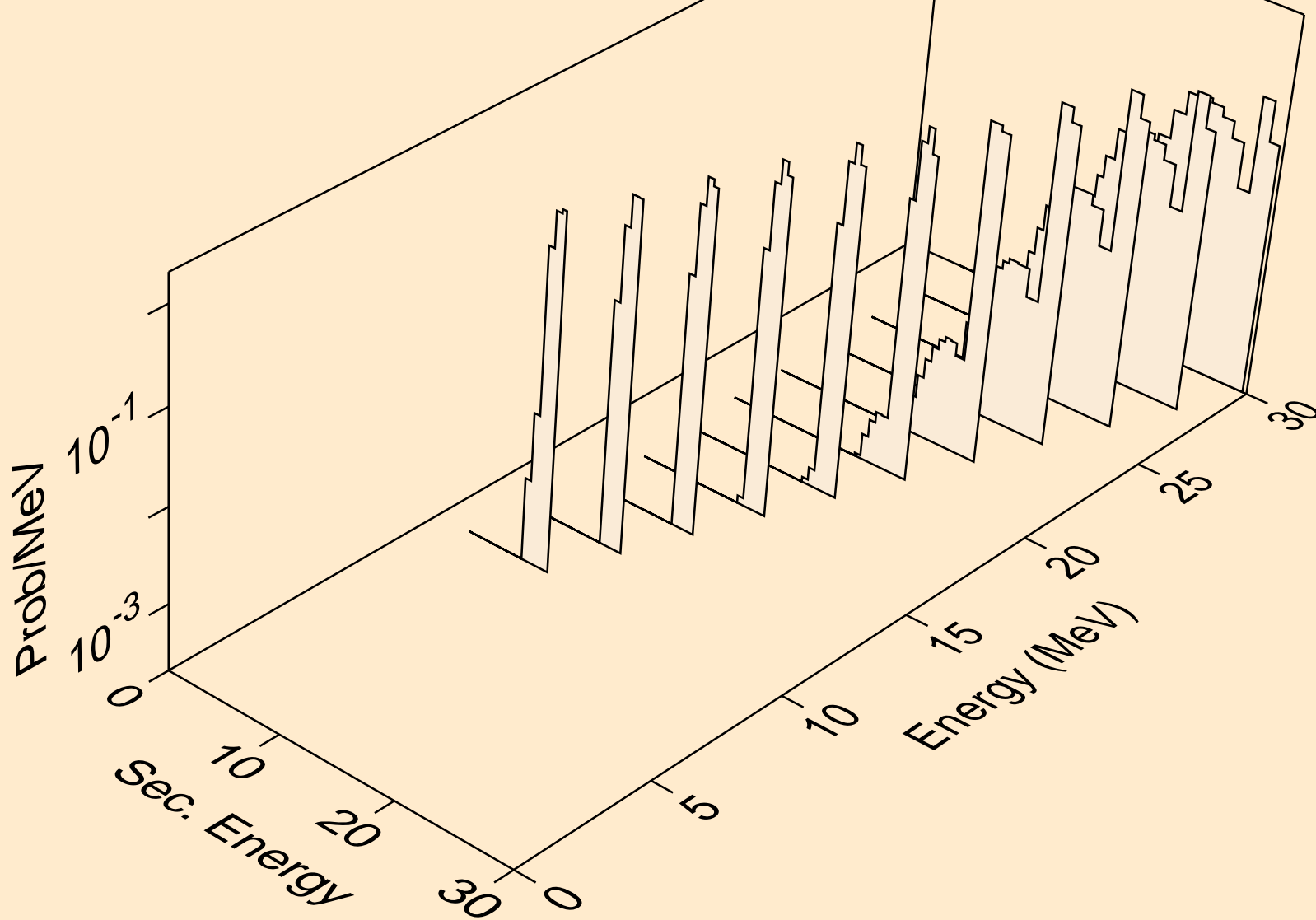
HF177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Alpha emission for (a,n*)a



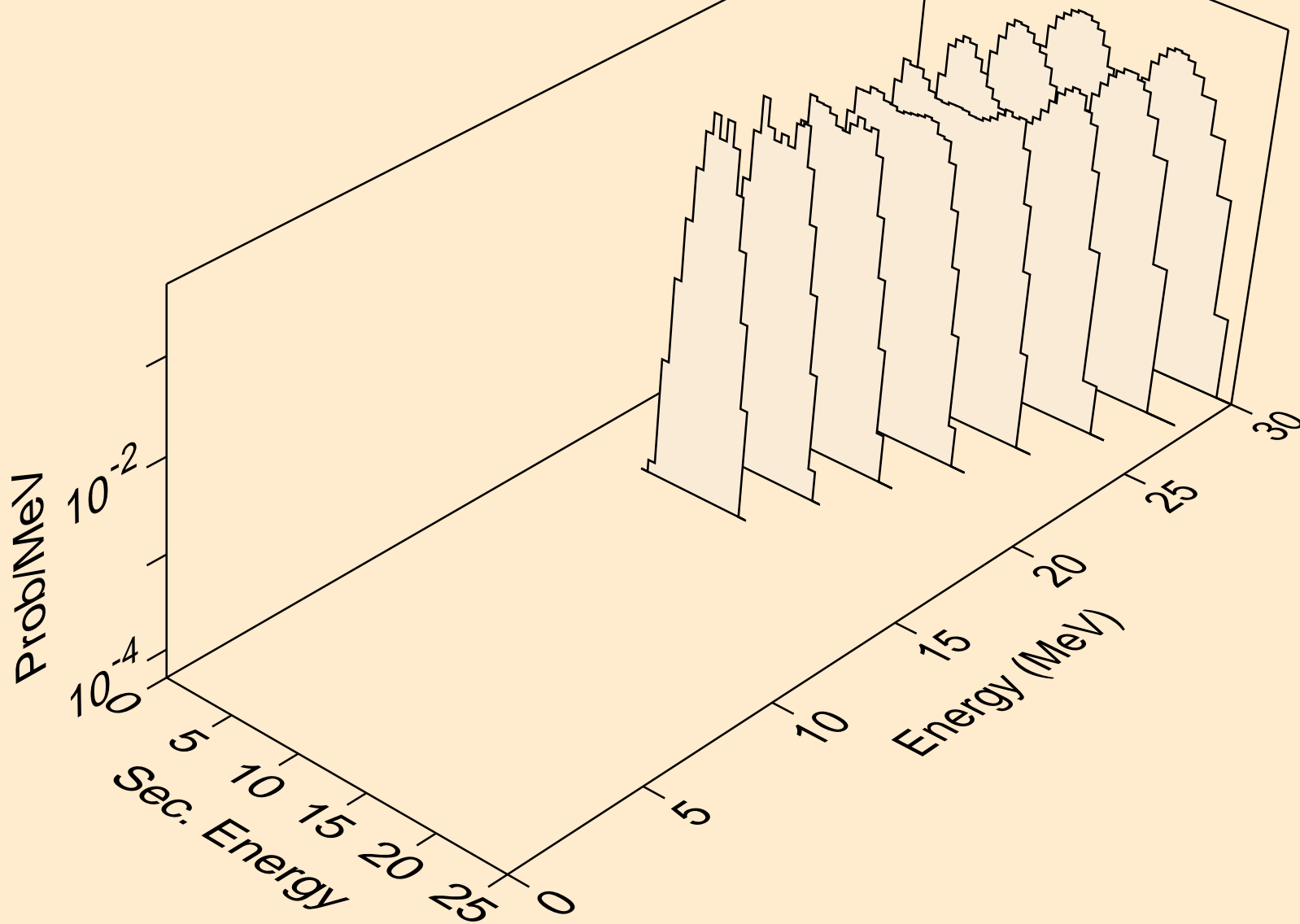
HF177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Alpha emission for (a,2n)a



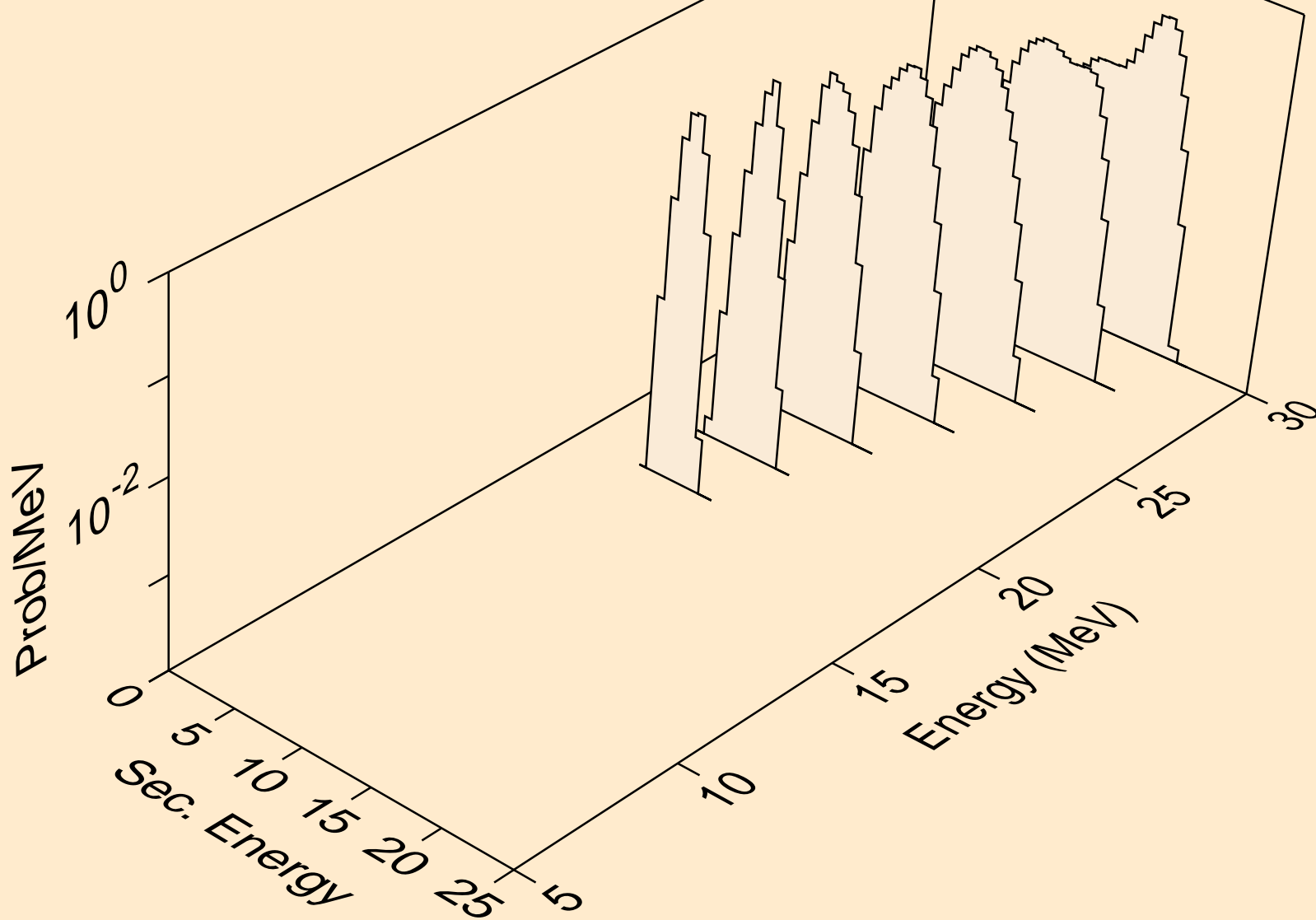
HF177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Alpha emission for inelastic



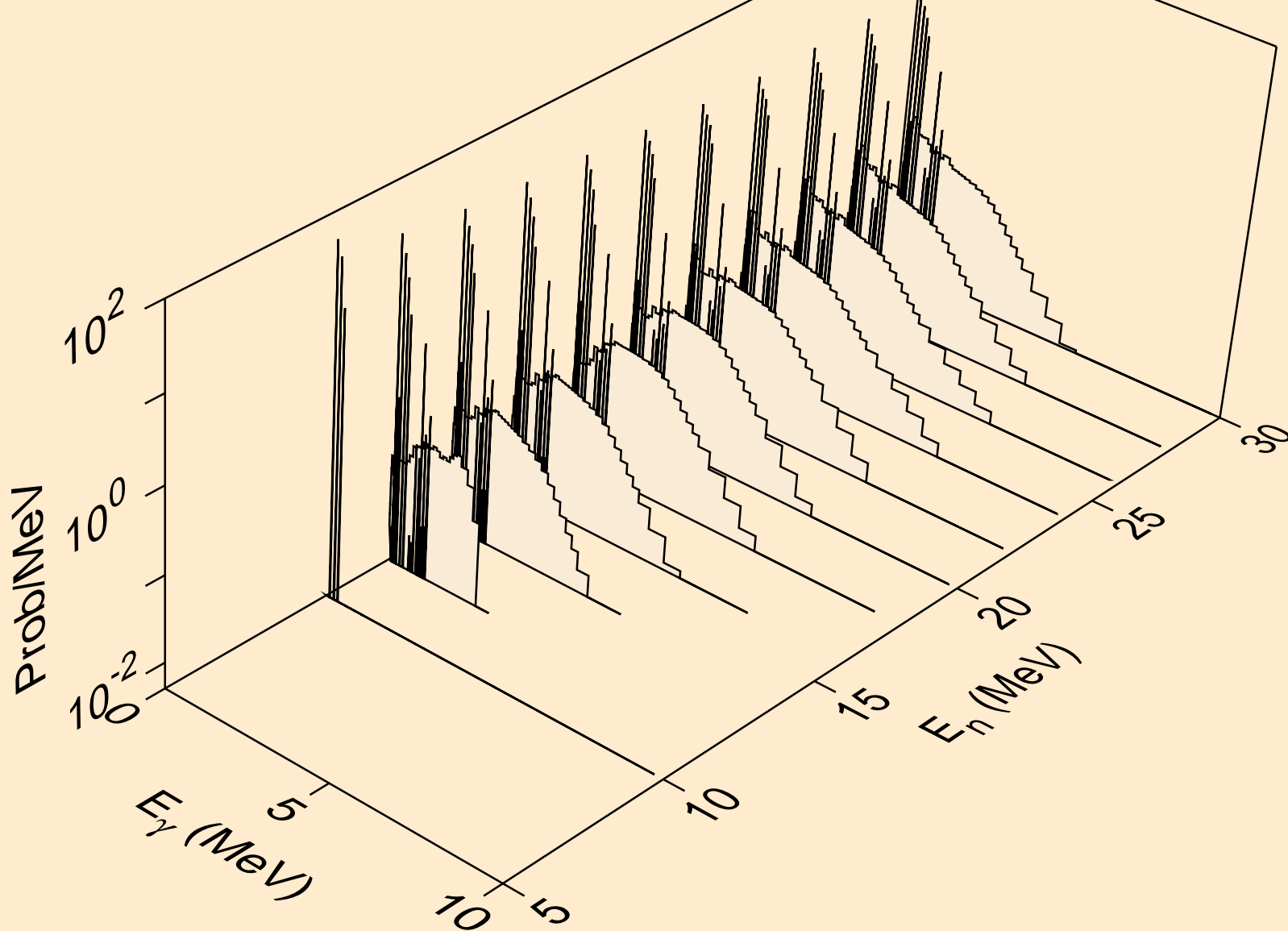
HF177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Alpha emission for (a,2a)



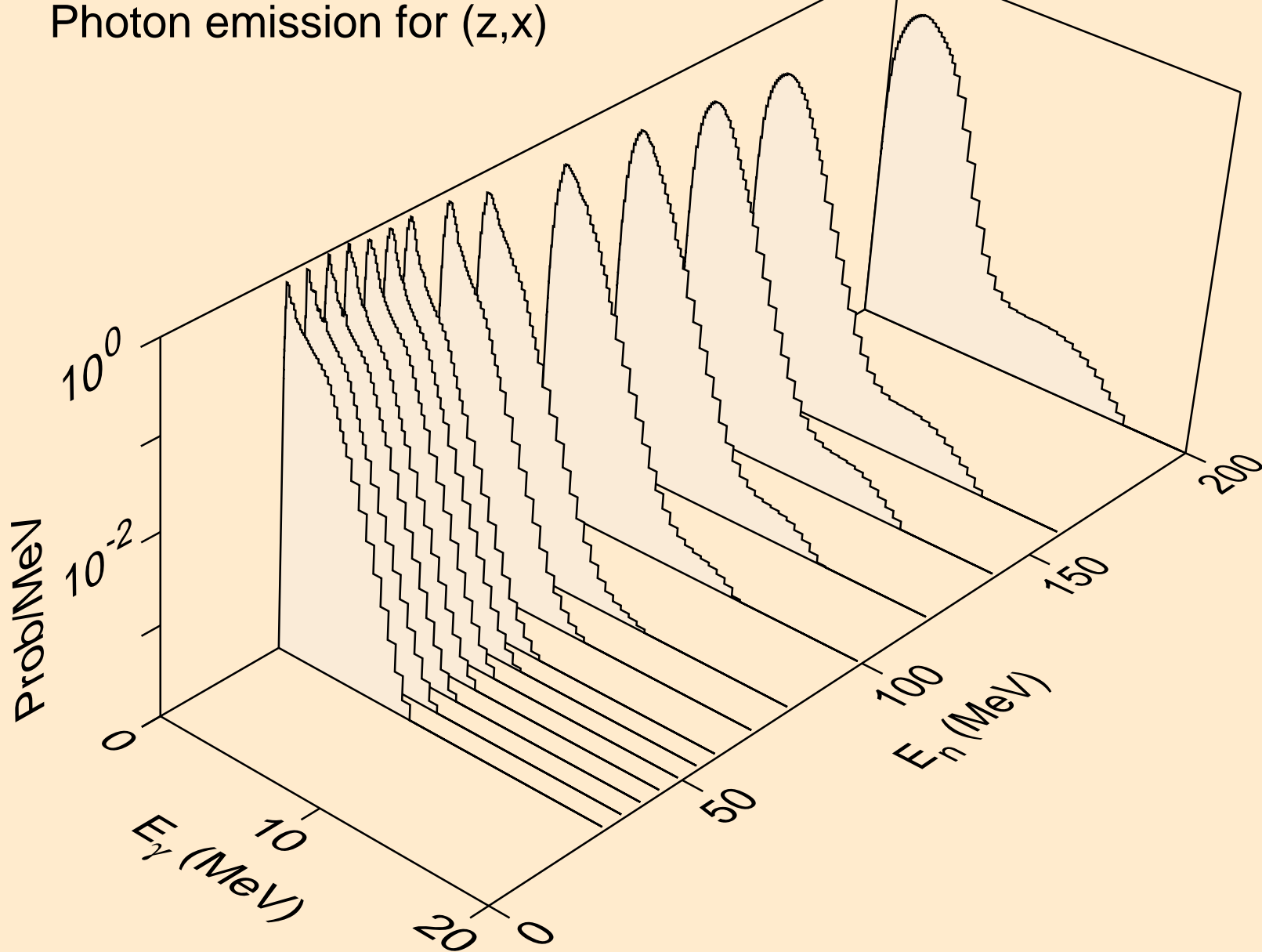
HF177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Alpha emission for (a,pa)



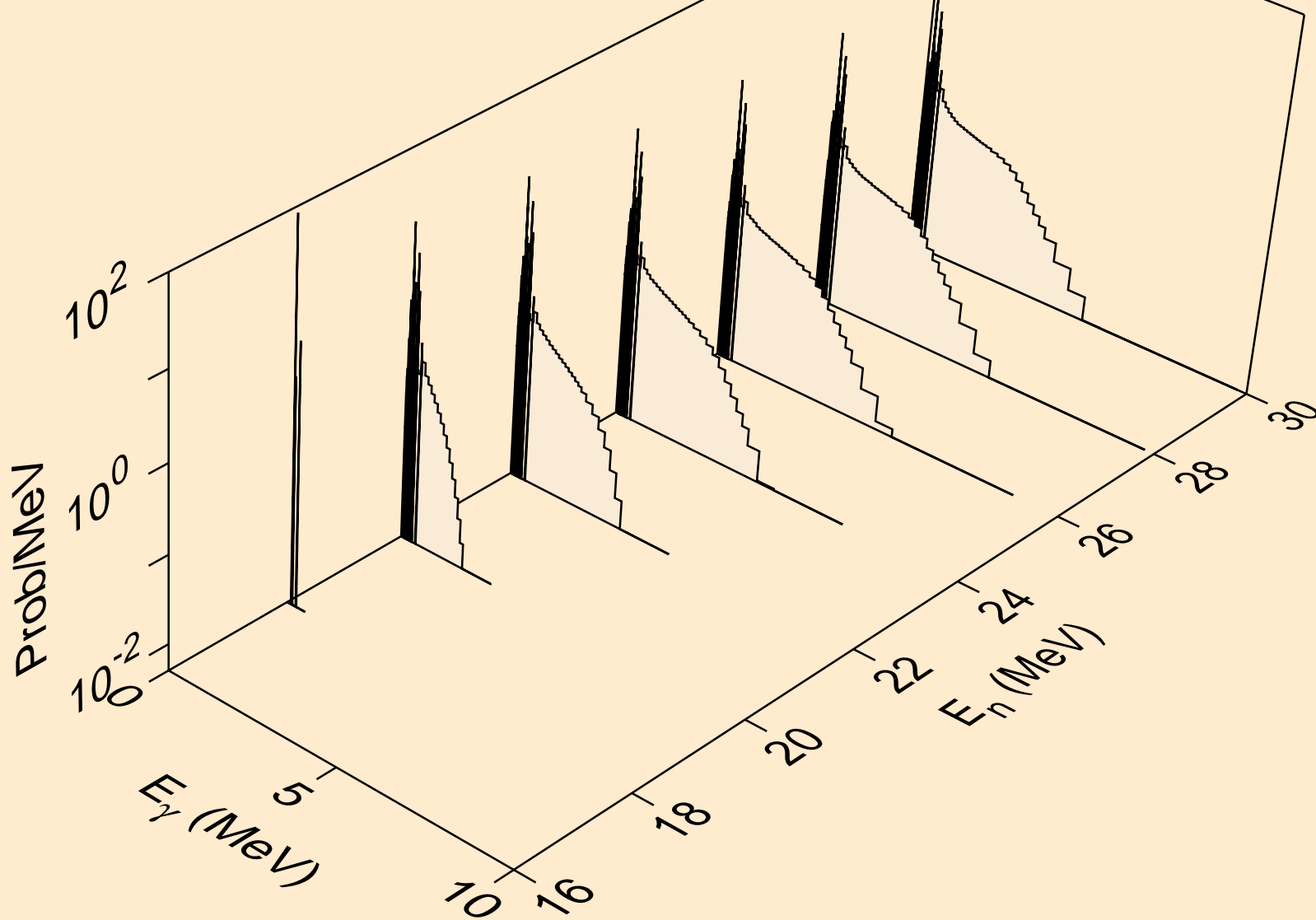
HF177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (z,n)



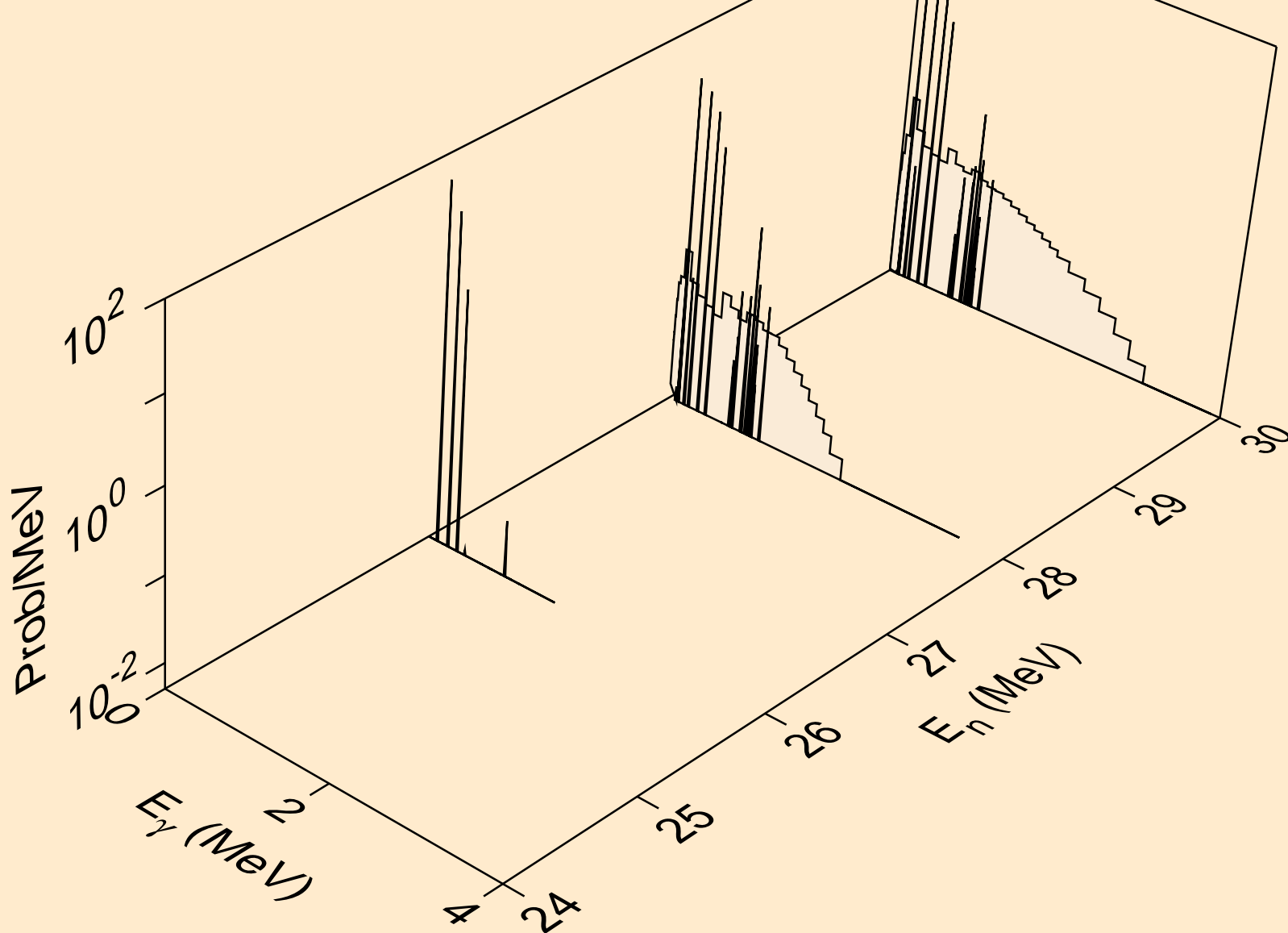
HF177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (z,x)



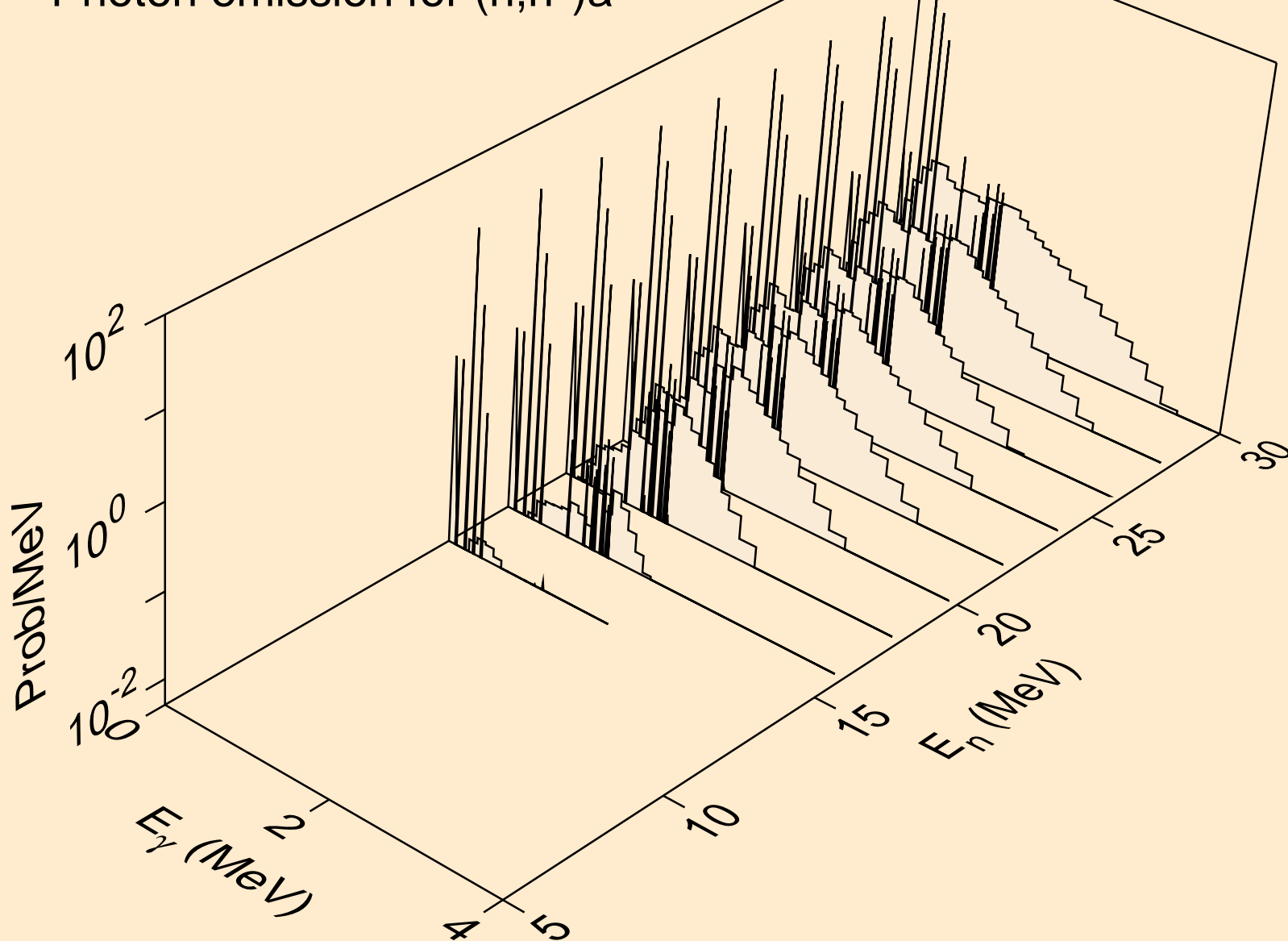
HF177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)



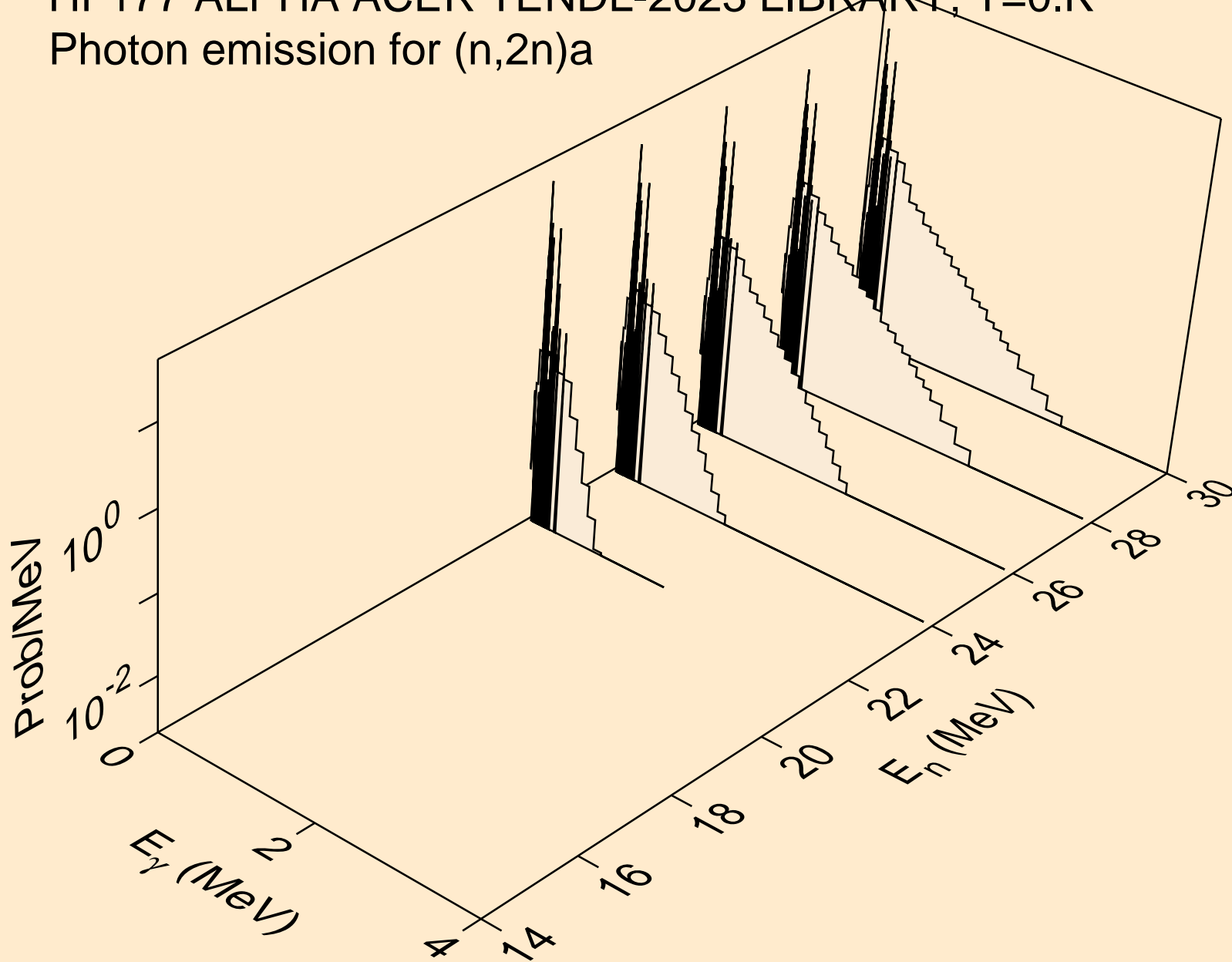
HF177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)



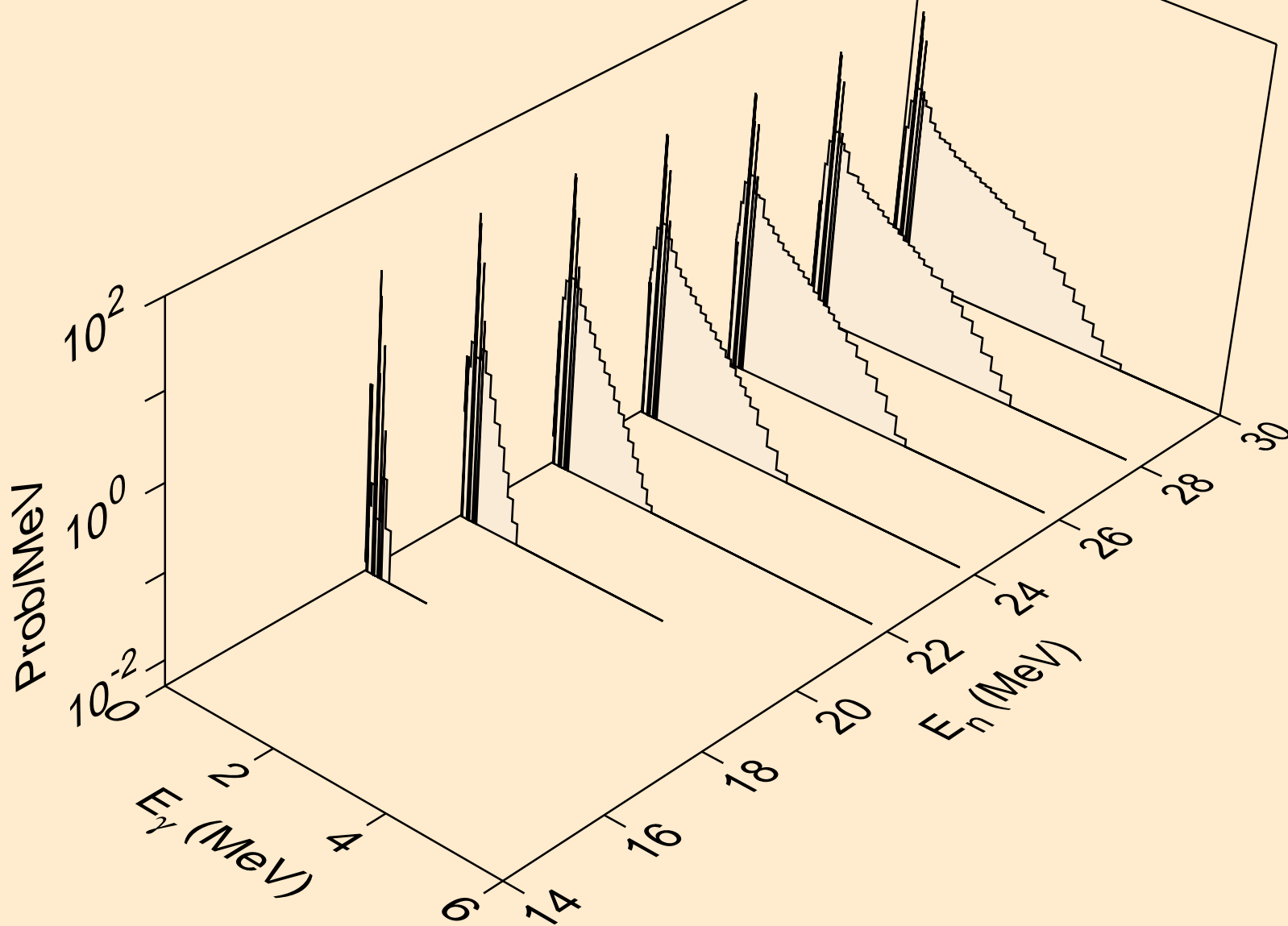
HF177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)a



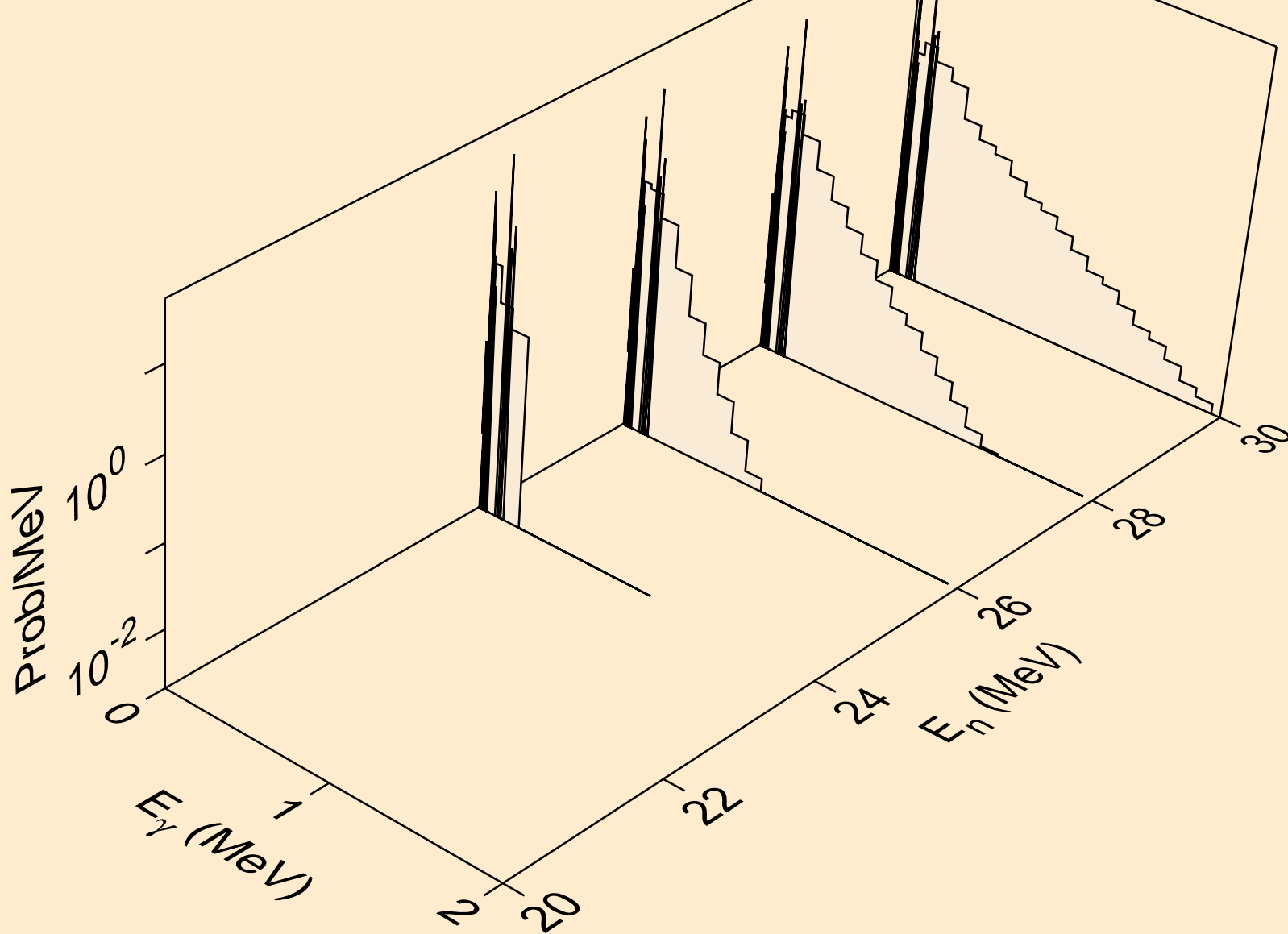
HF177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)a



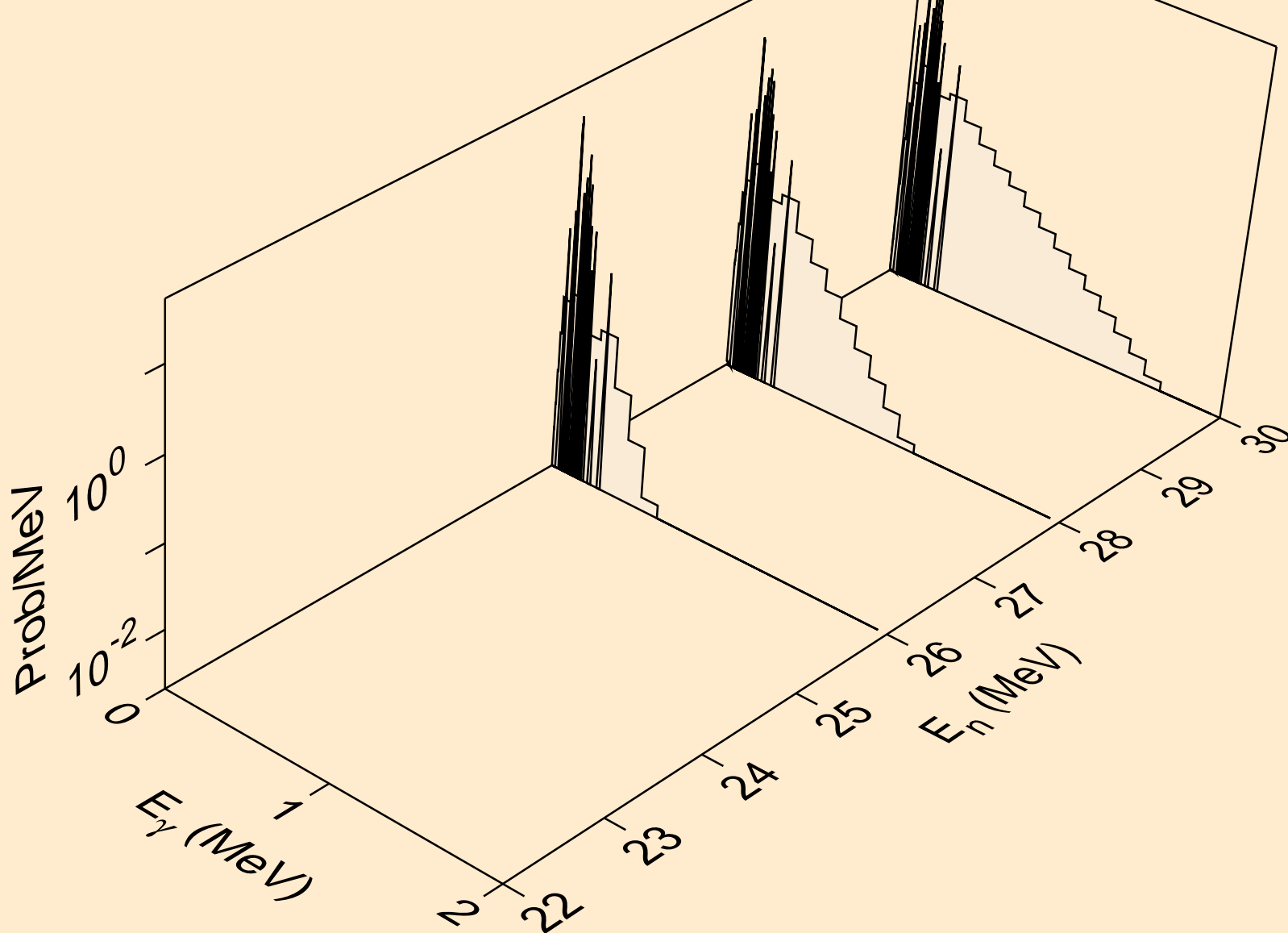
HF177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)p



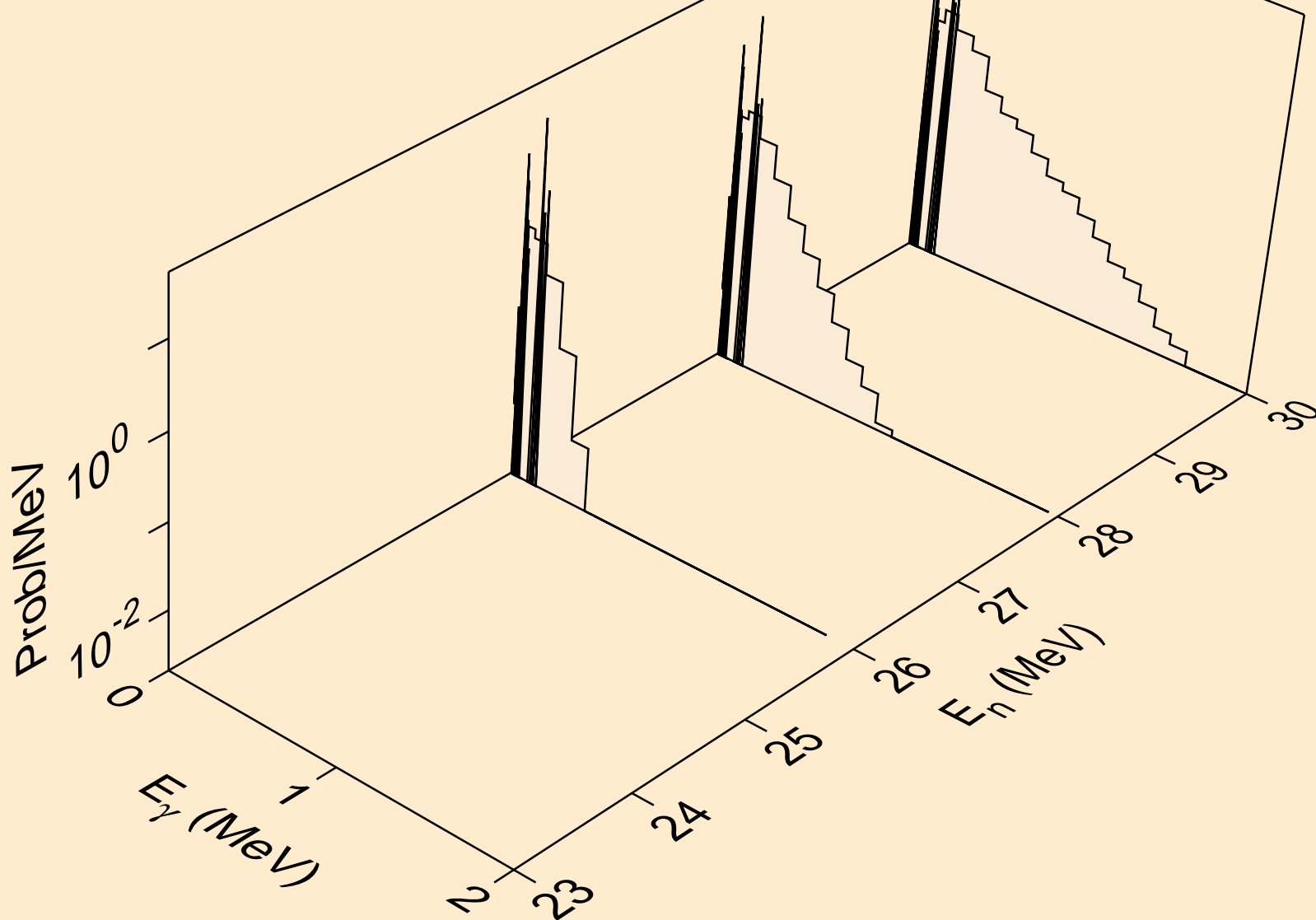
HF177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)d



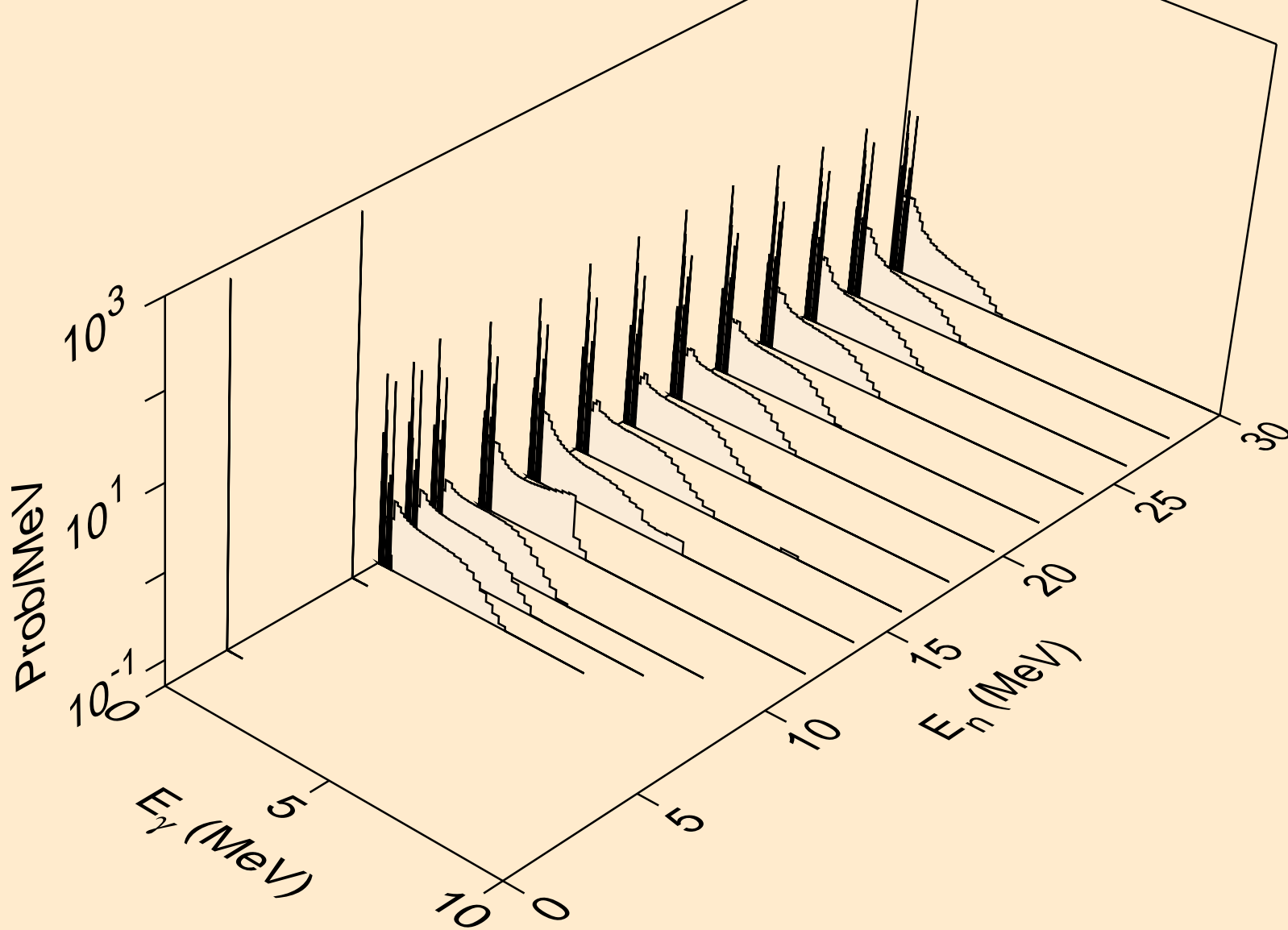
HF177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)t



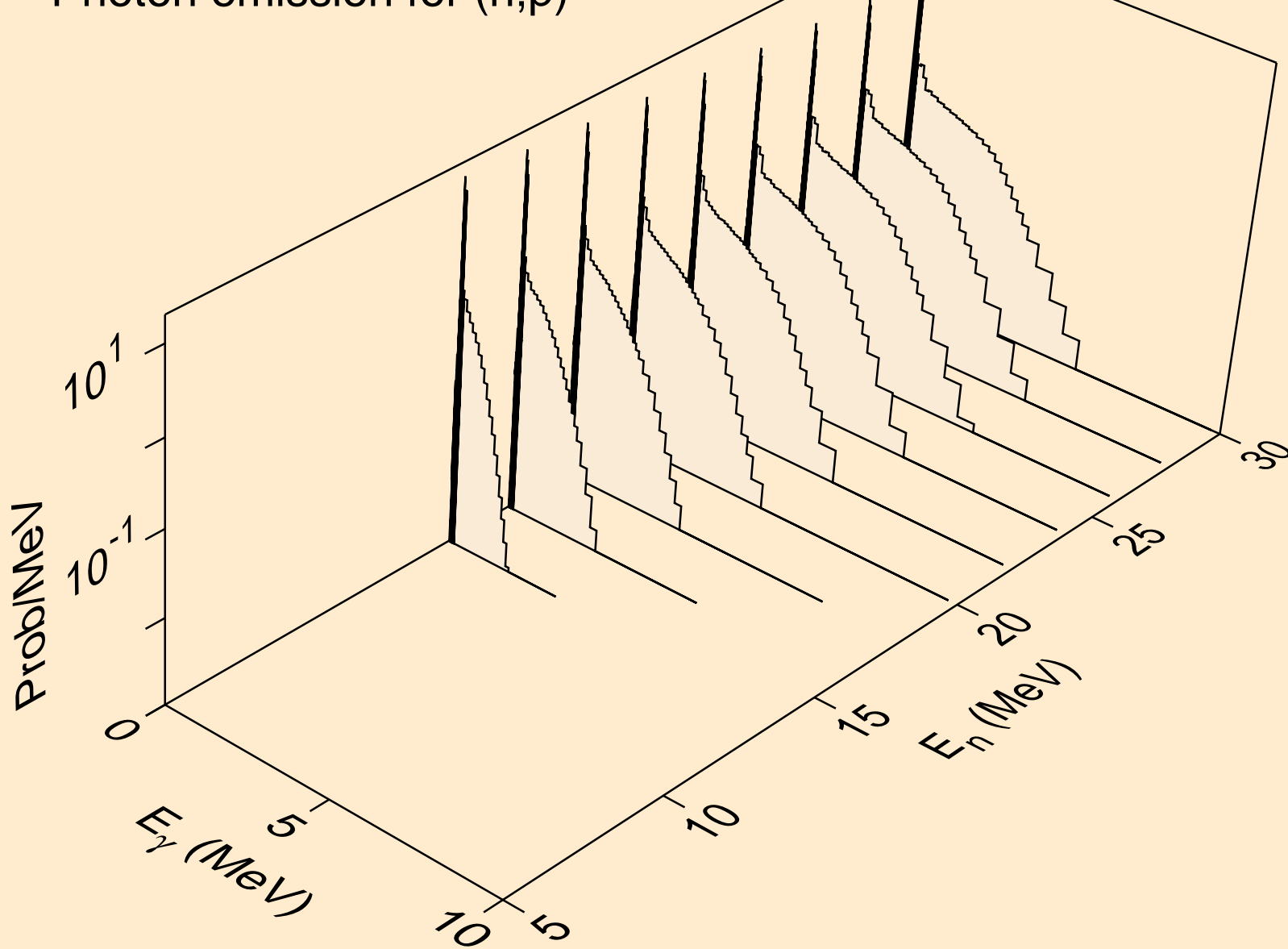
HF177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2np)



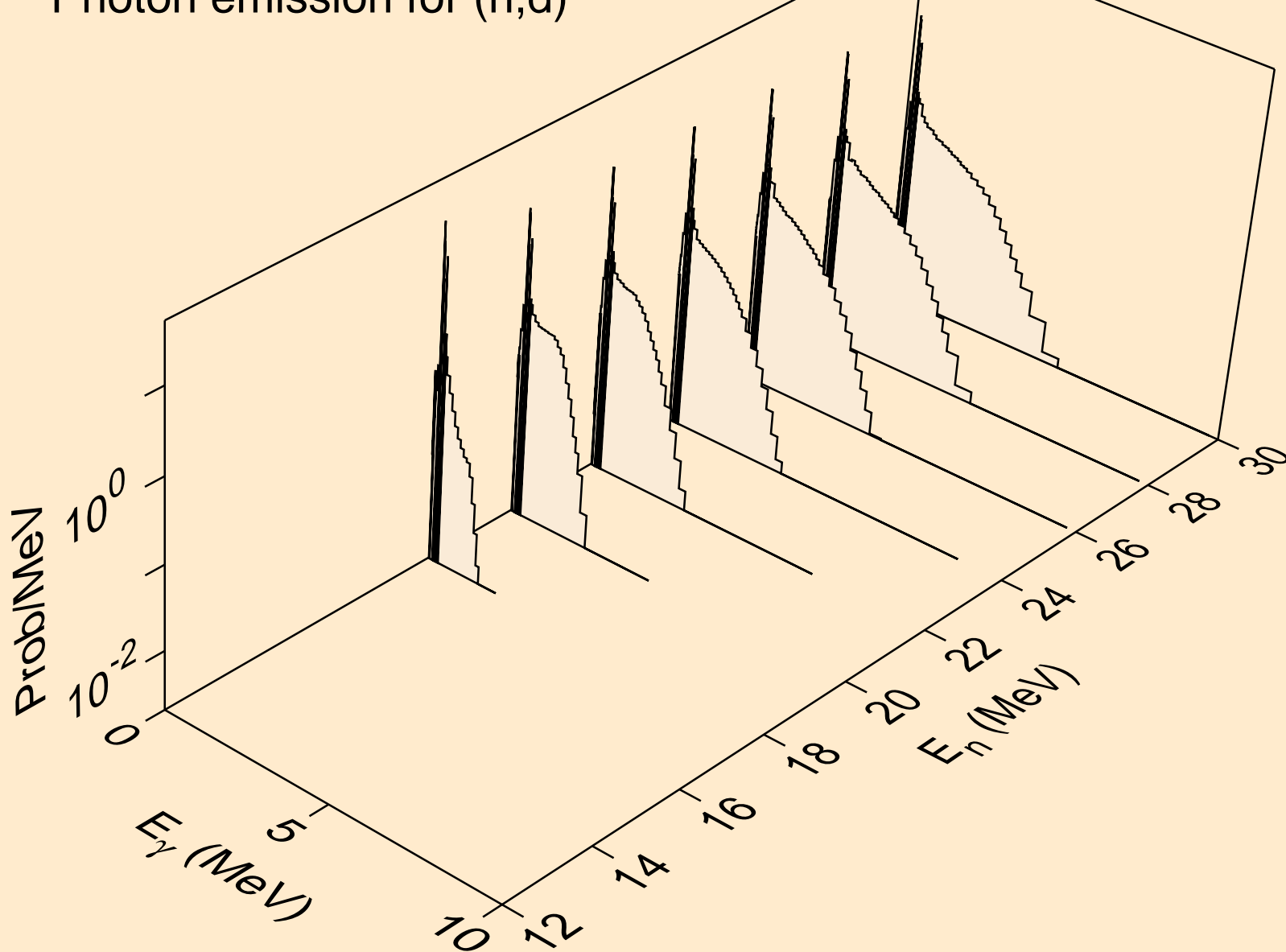
HF177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



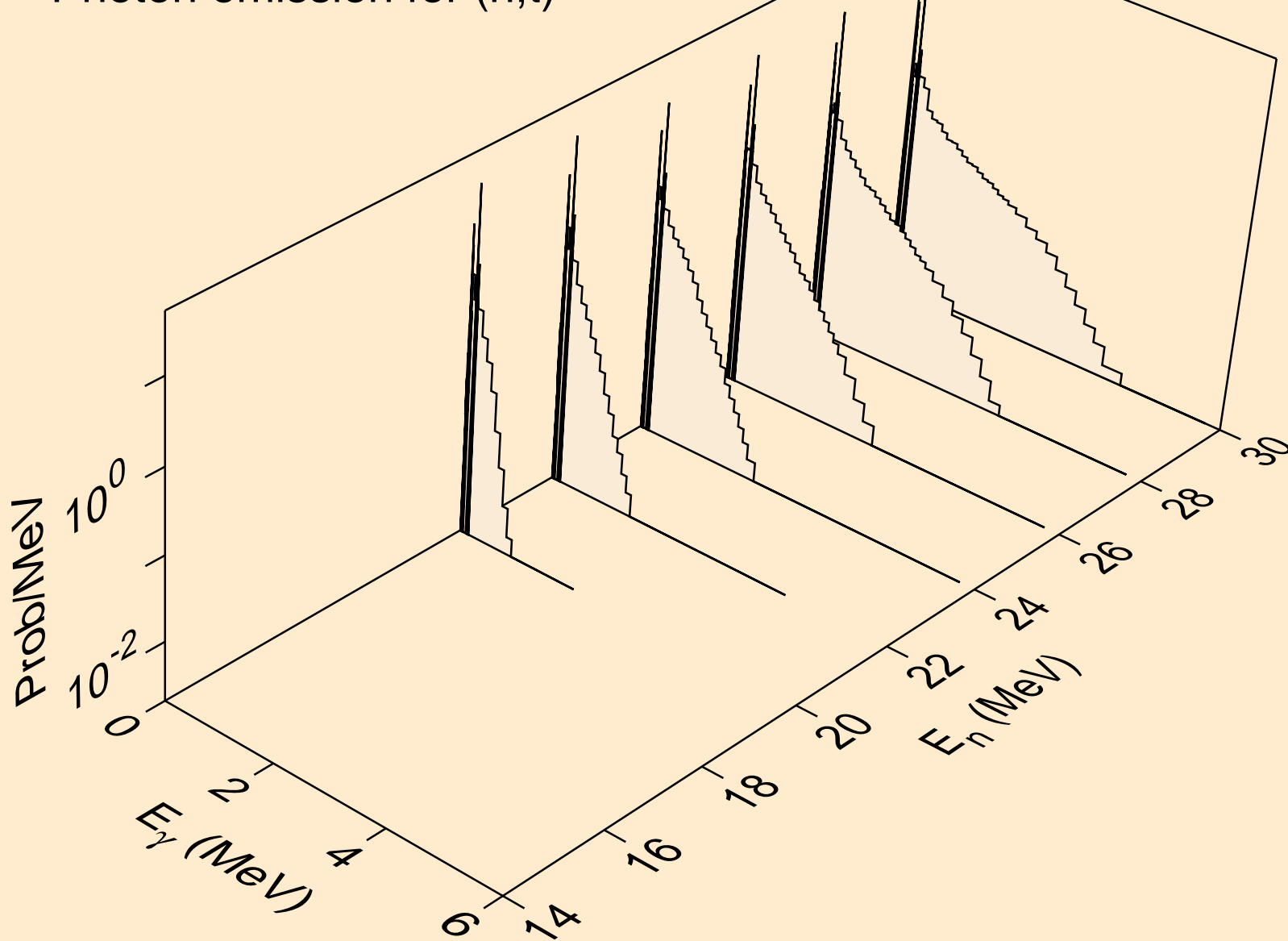
HF177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p)



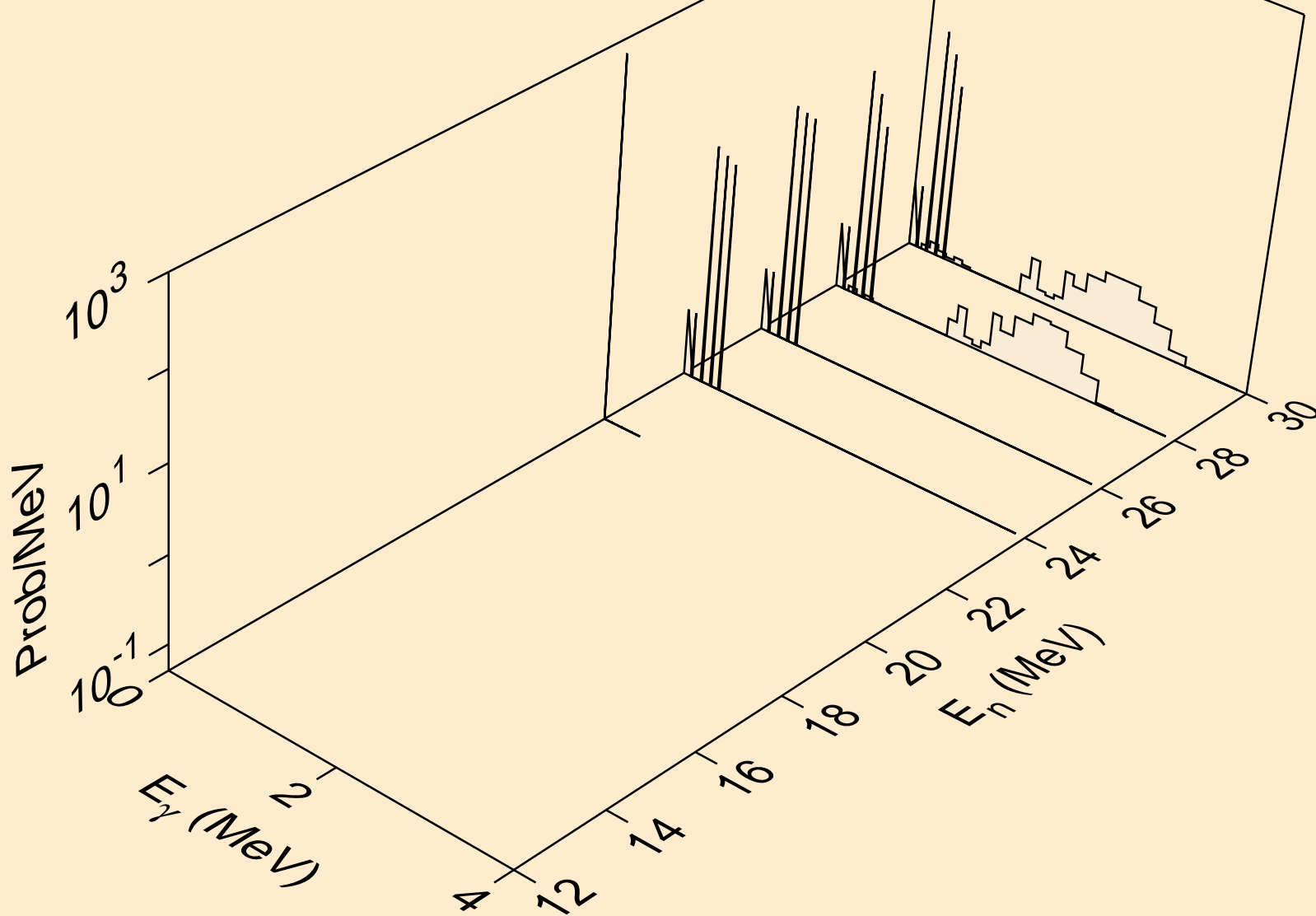
HF177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)



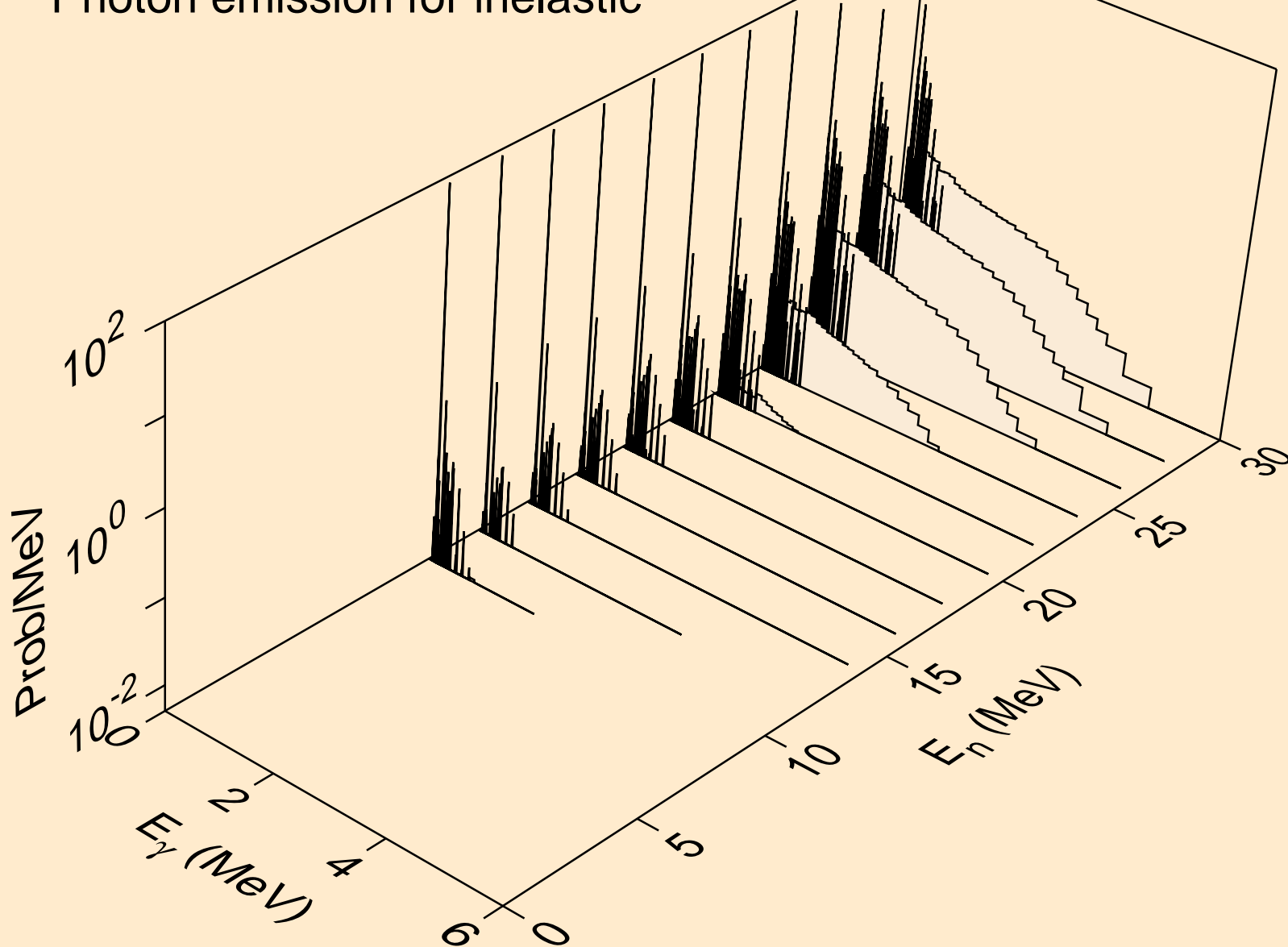
HF177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)



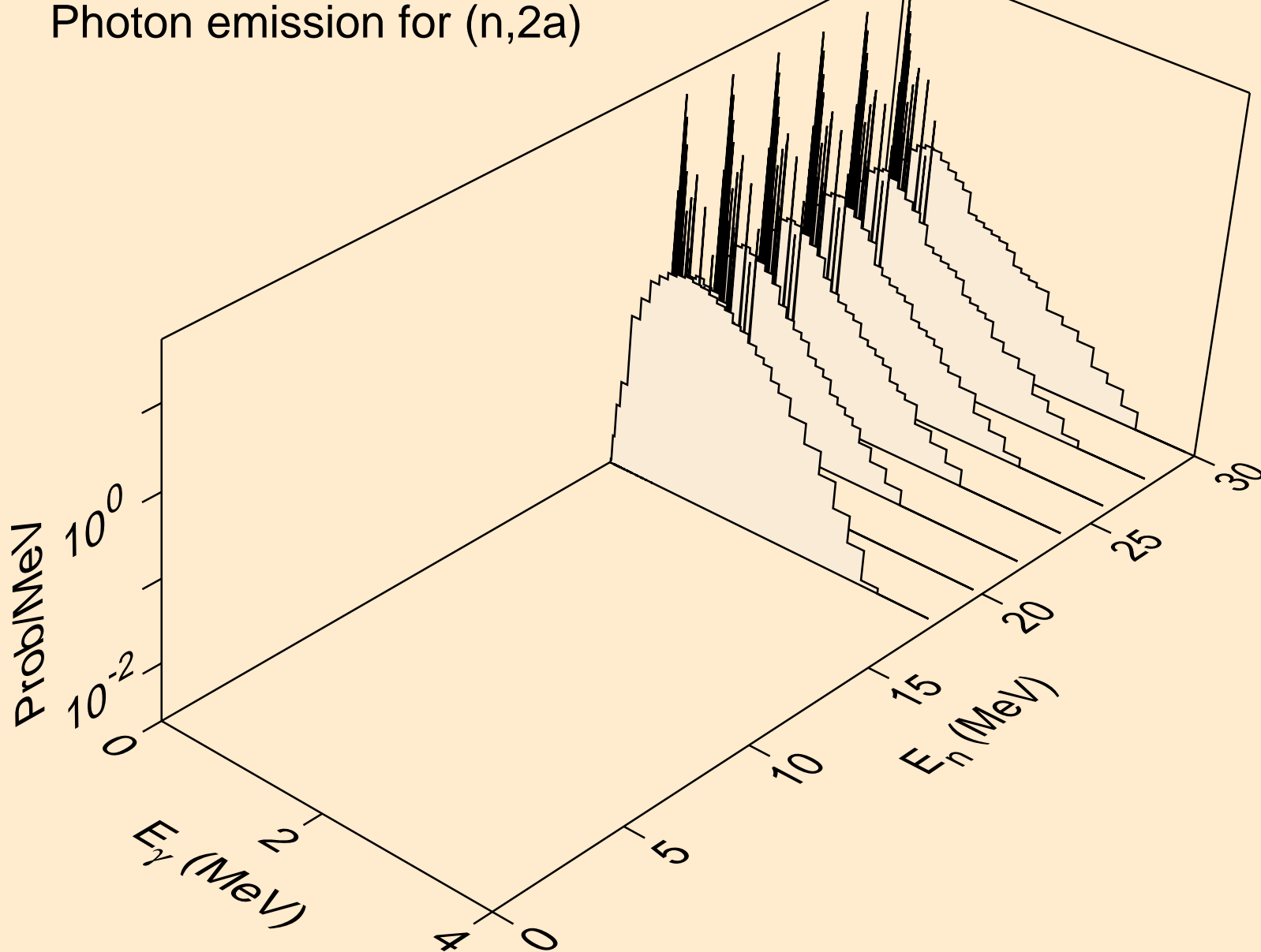
HF177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,he3)



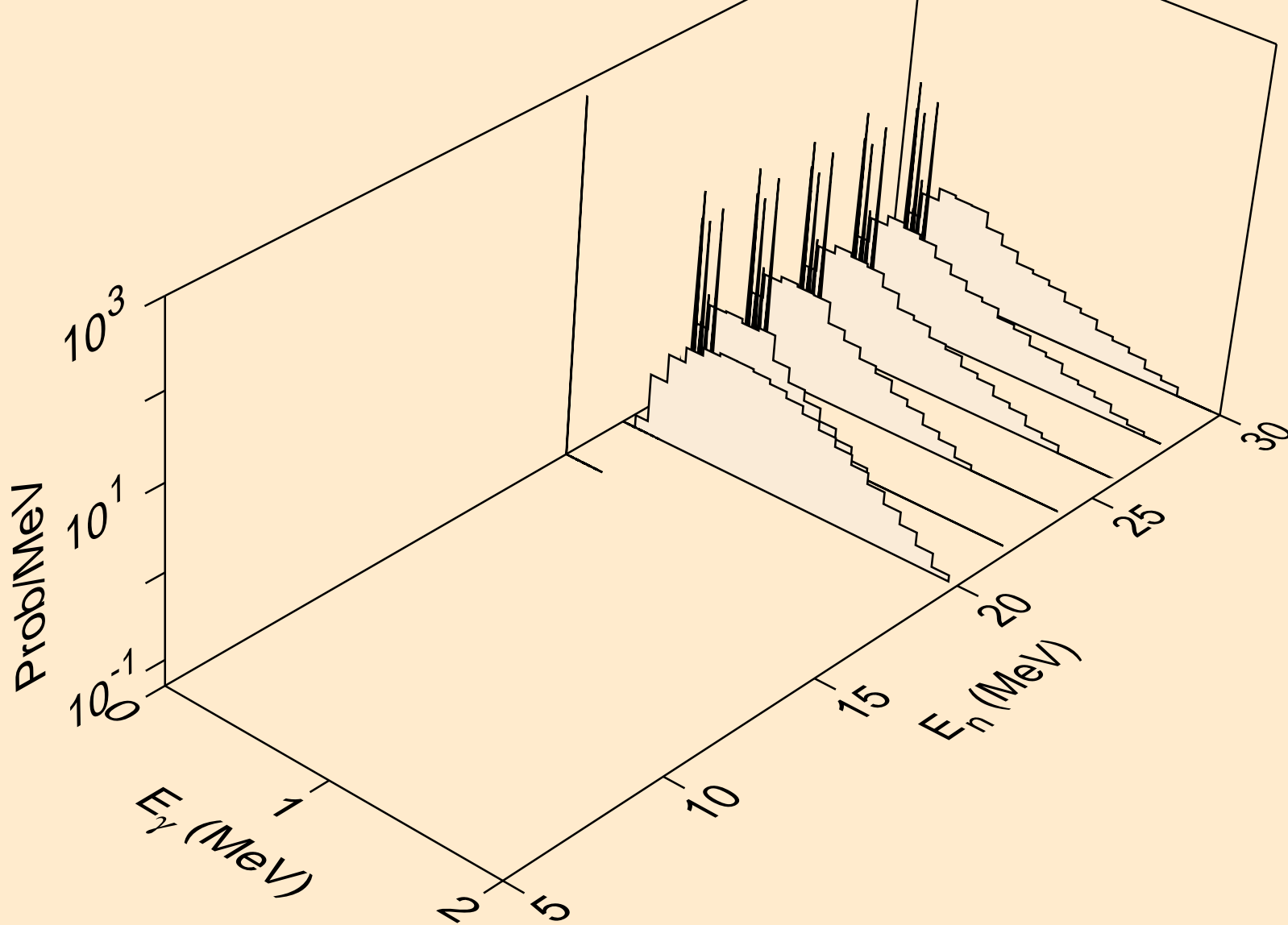
HF177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for inelastic



HF177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2a)

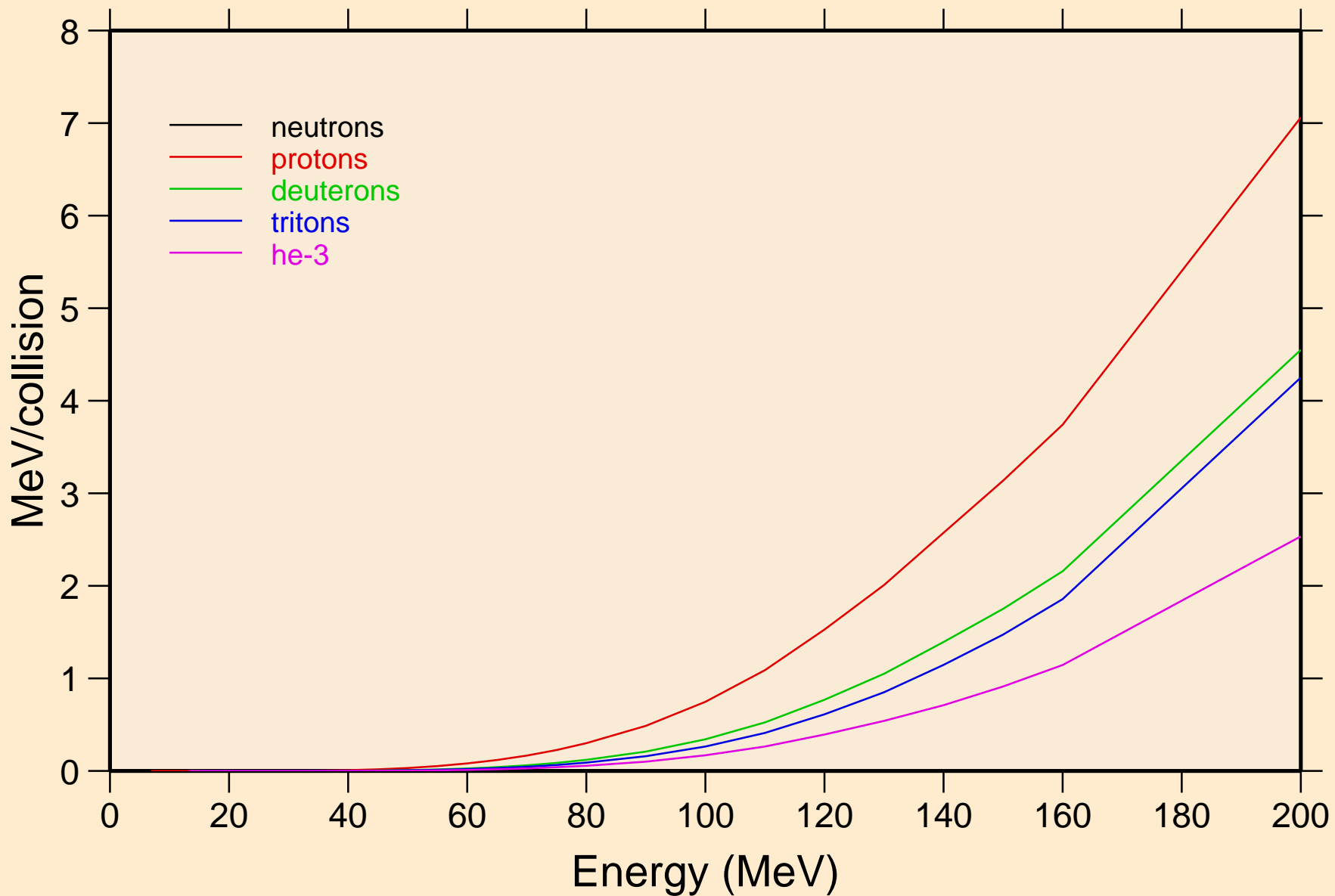


HF177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pa)

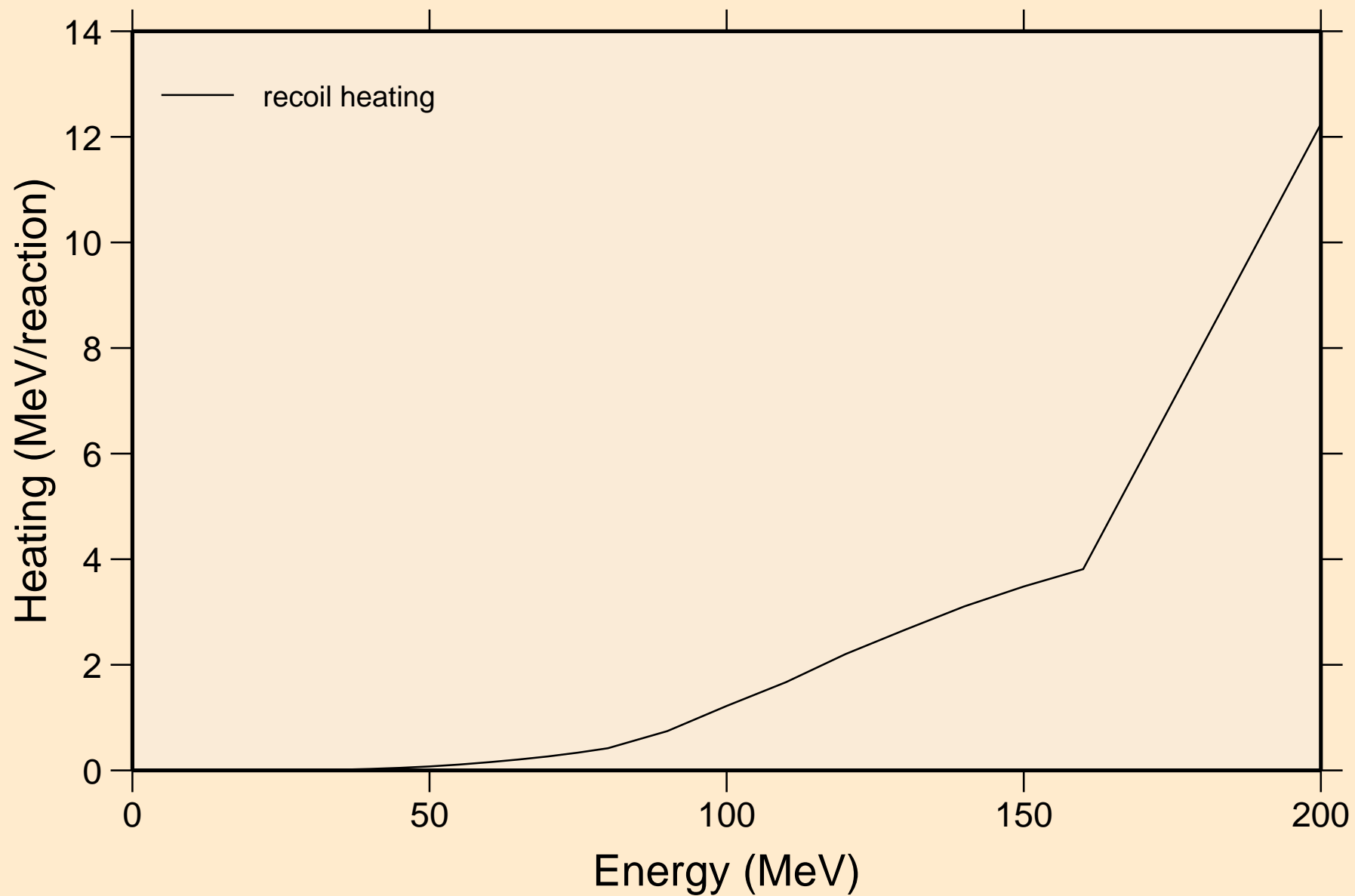


HF177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Particle heating contributions

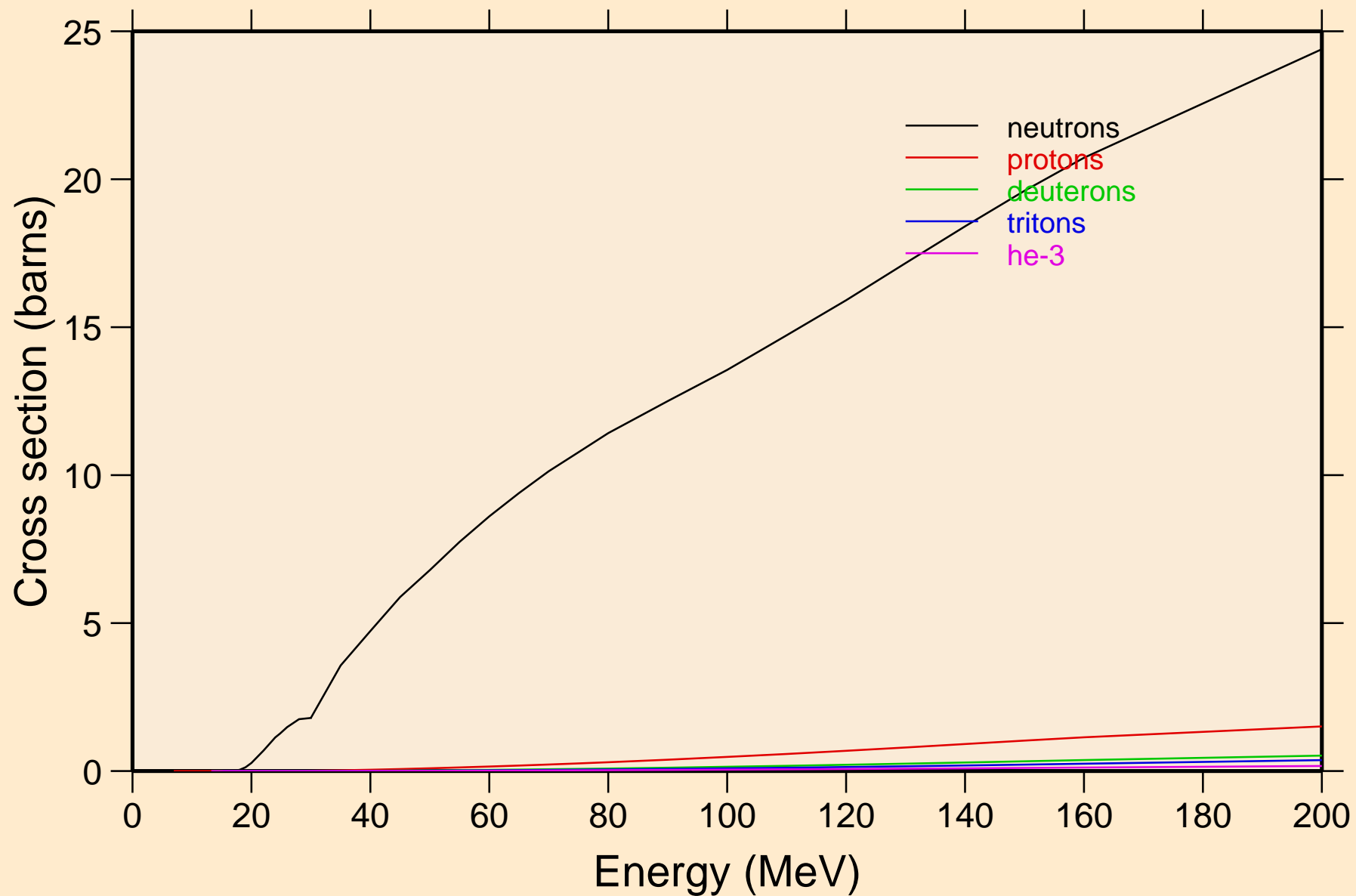


HF177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Recoil Heating

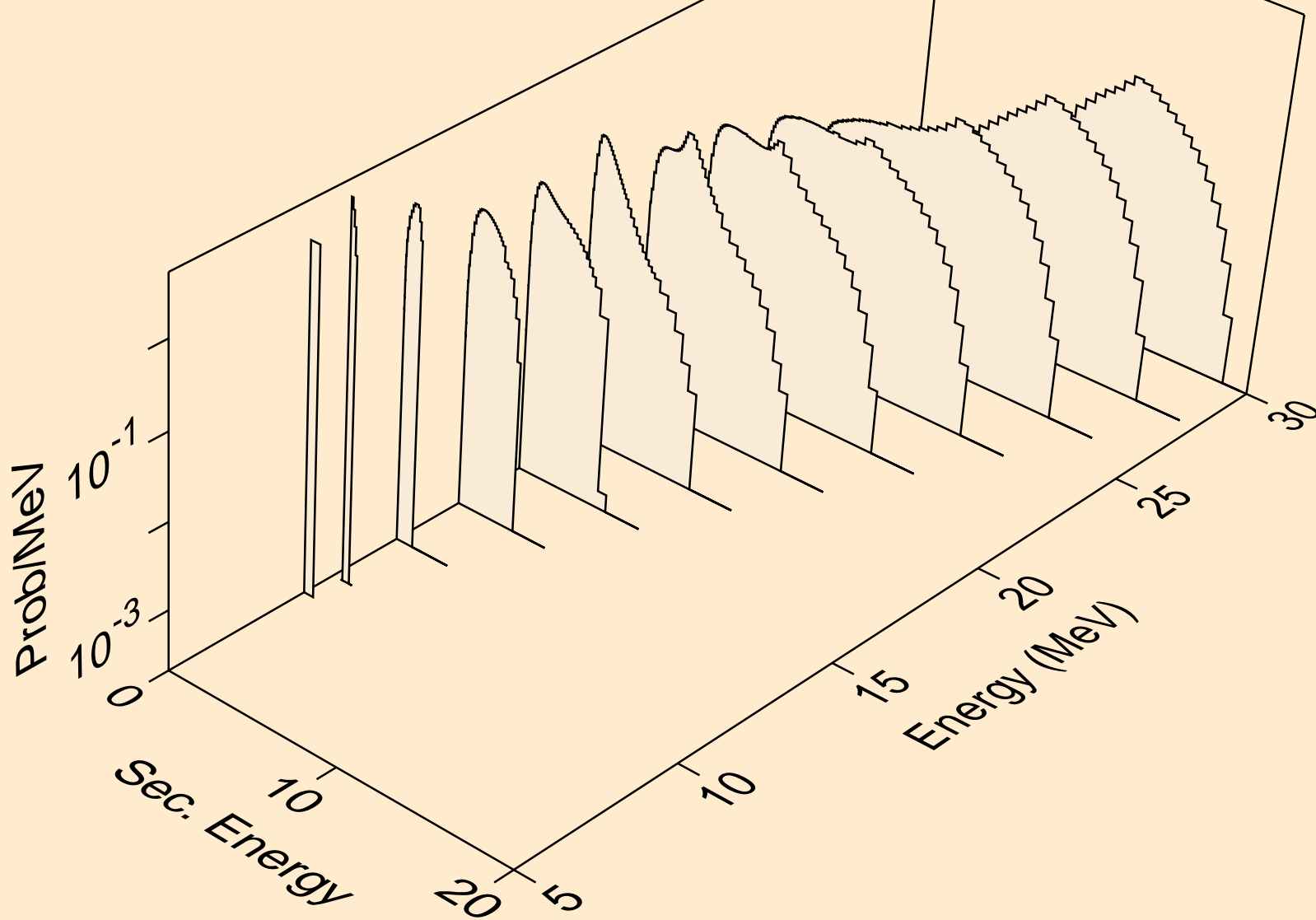


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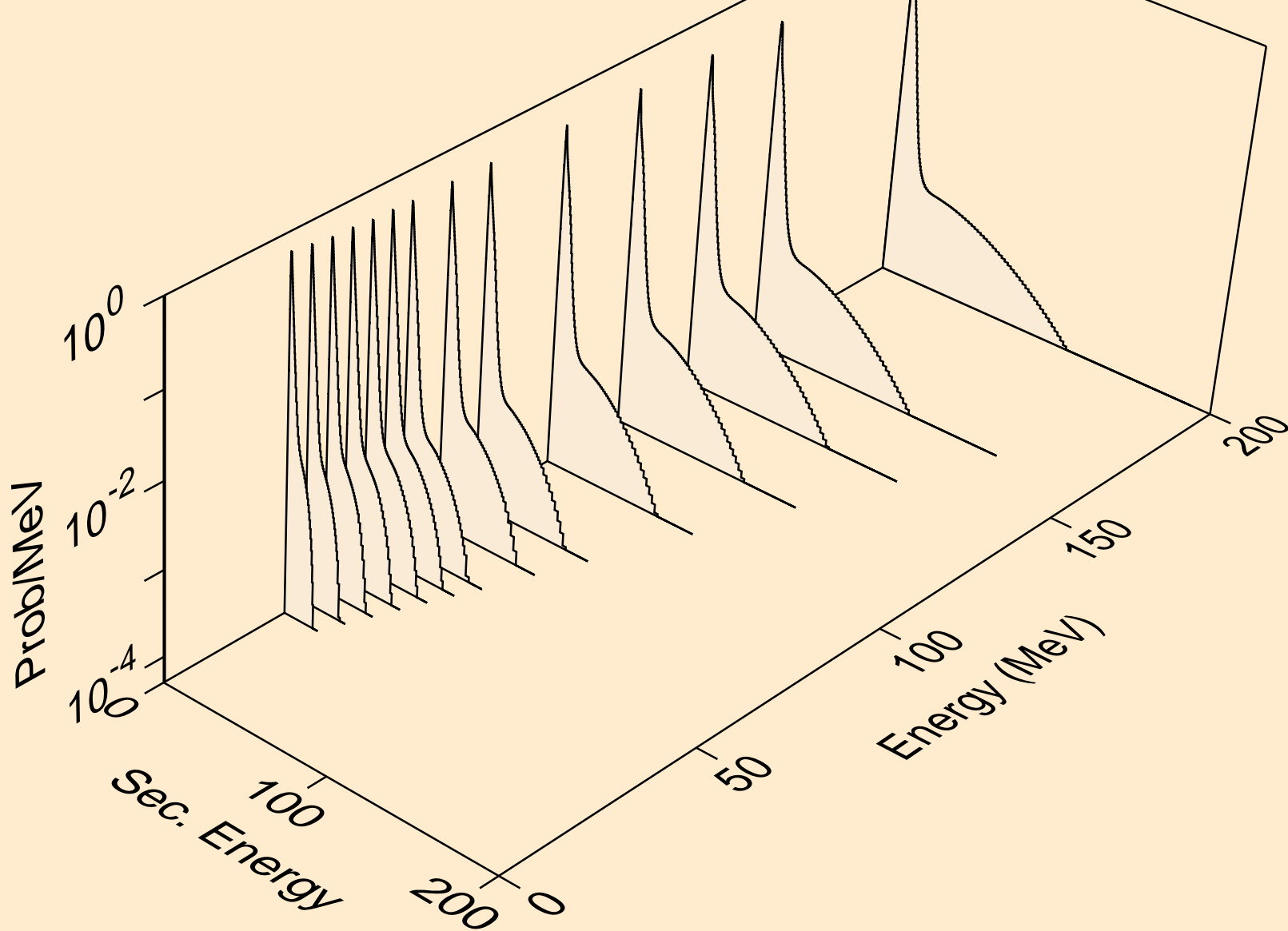
Particle production cross sections



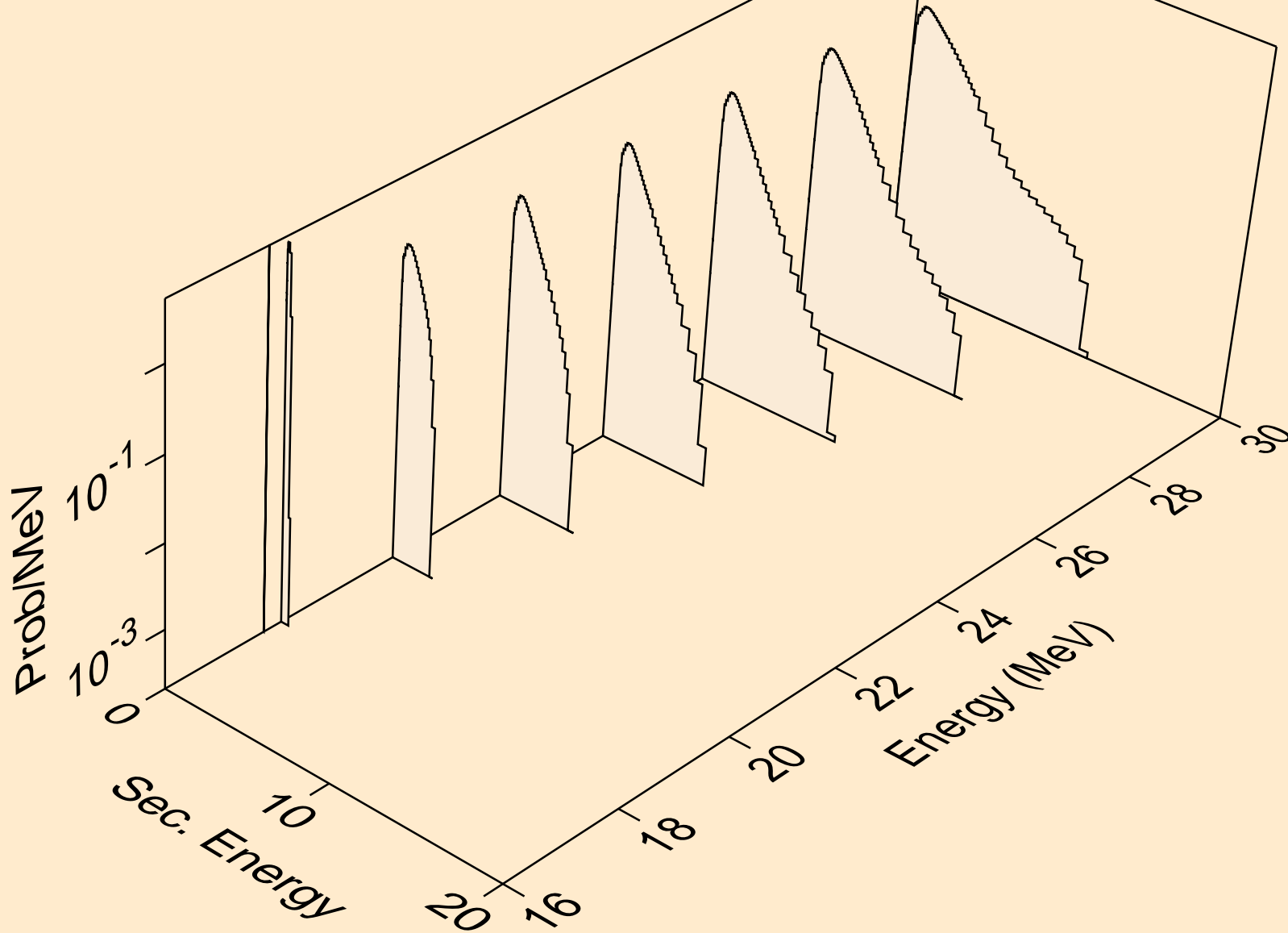
HF177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n)



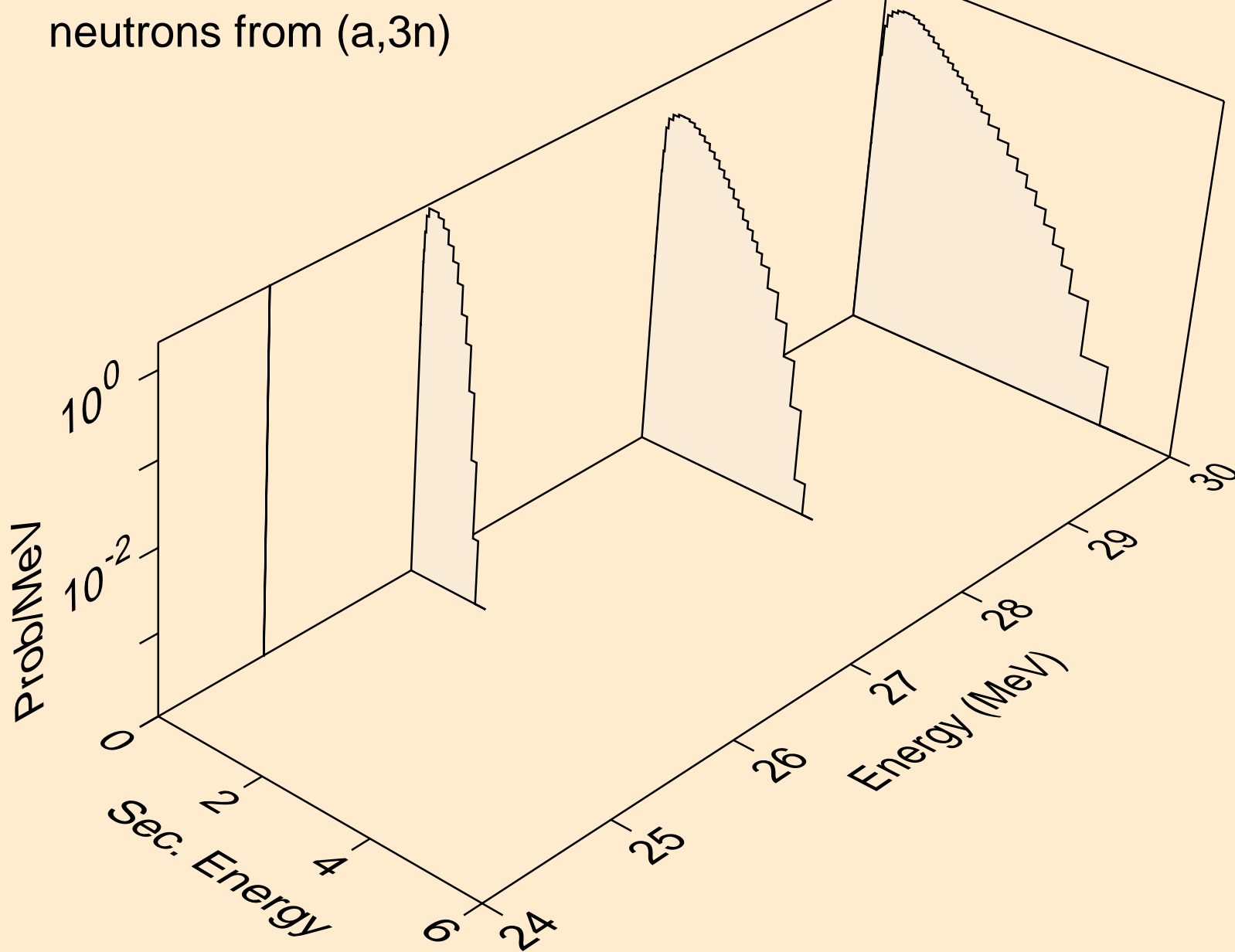
HF177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,x)



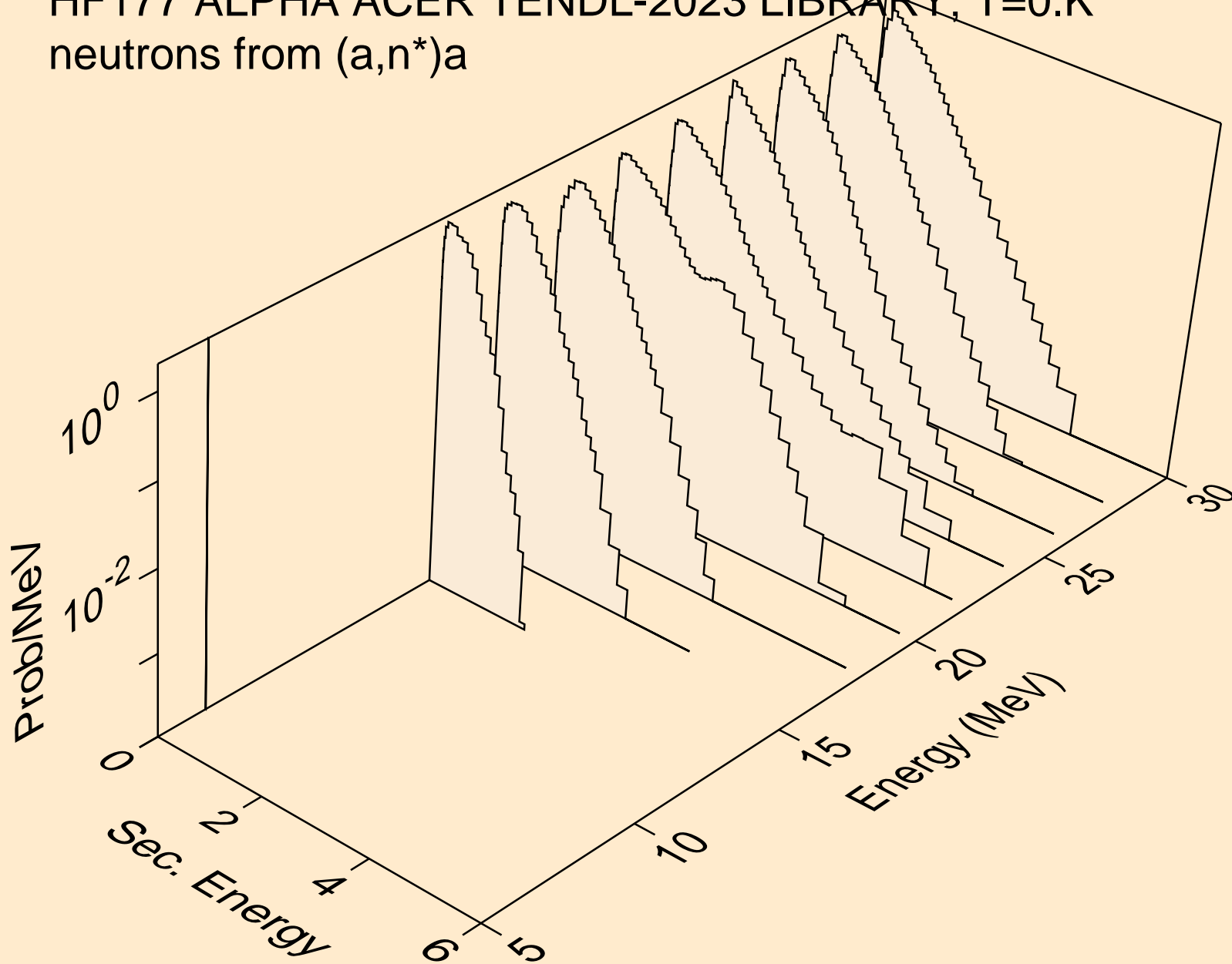
HF177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,2n)



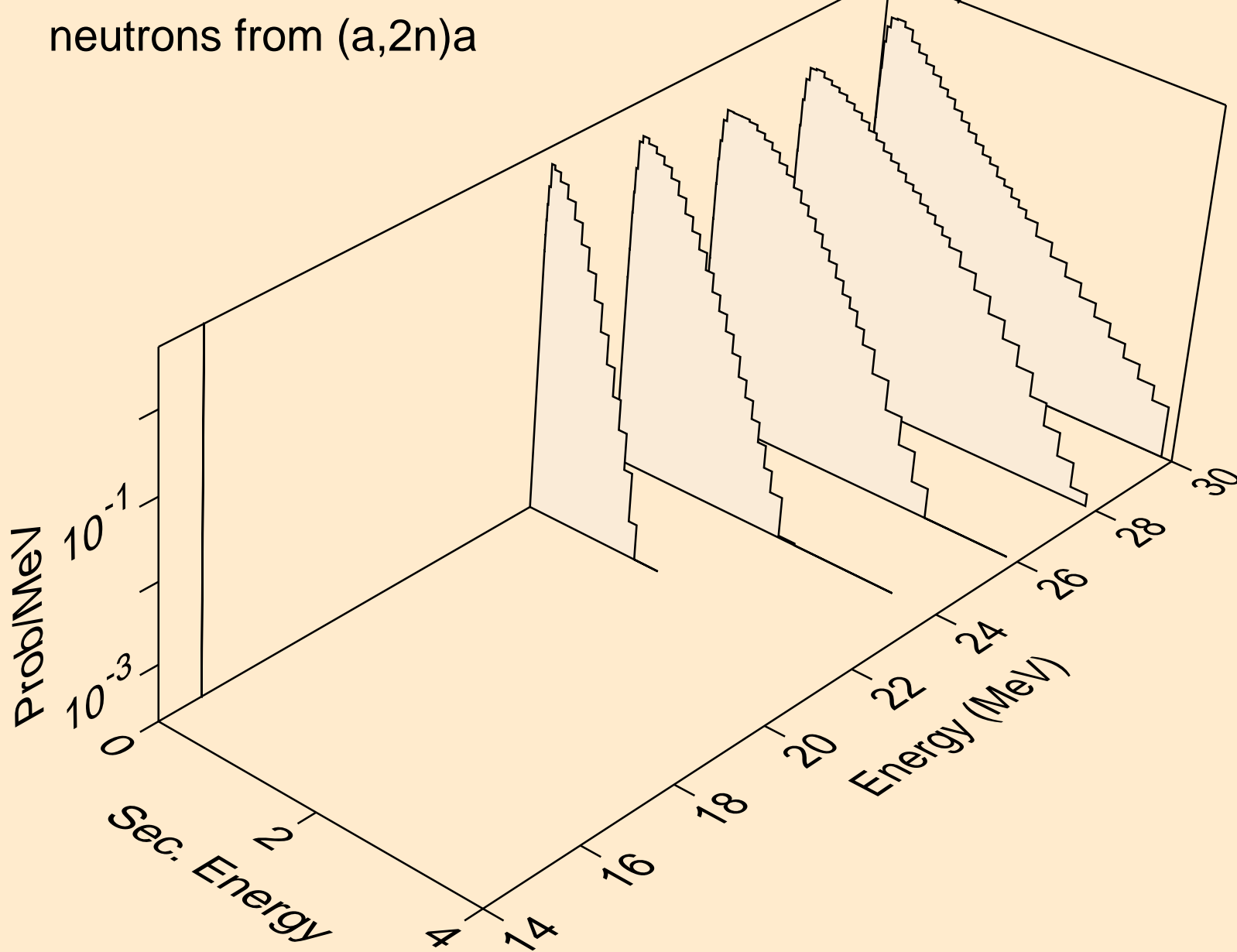
HF177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,3n)



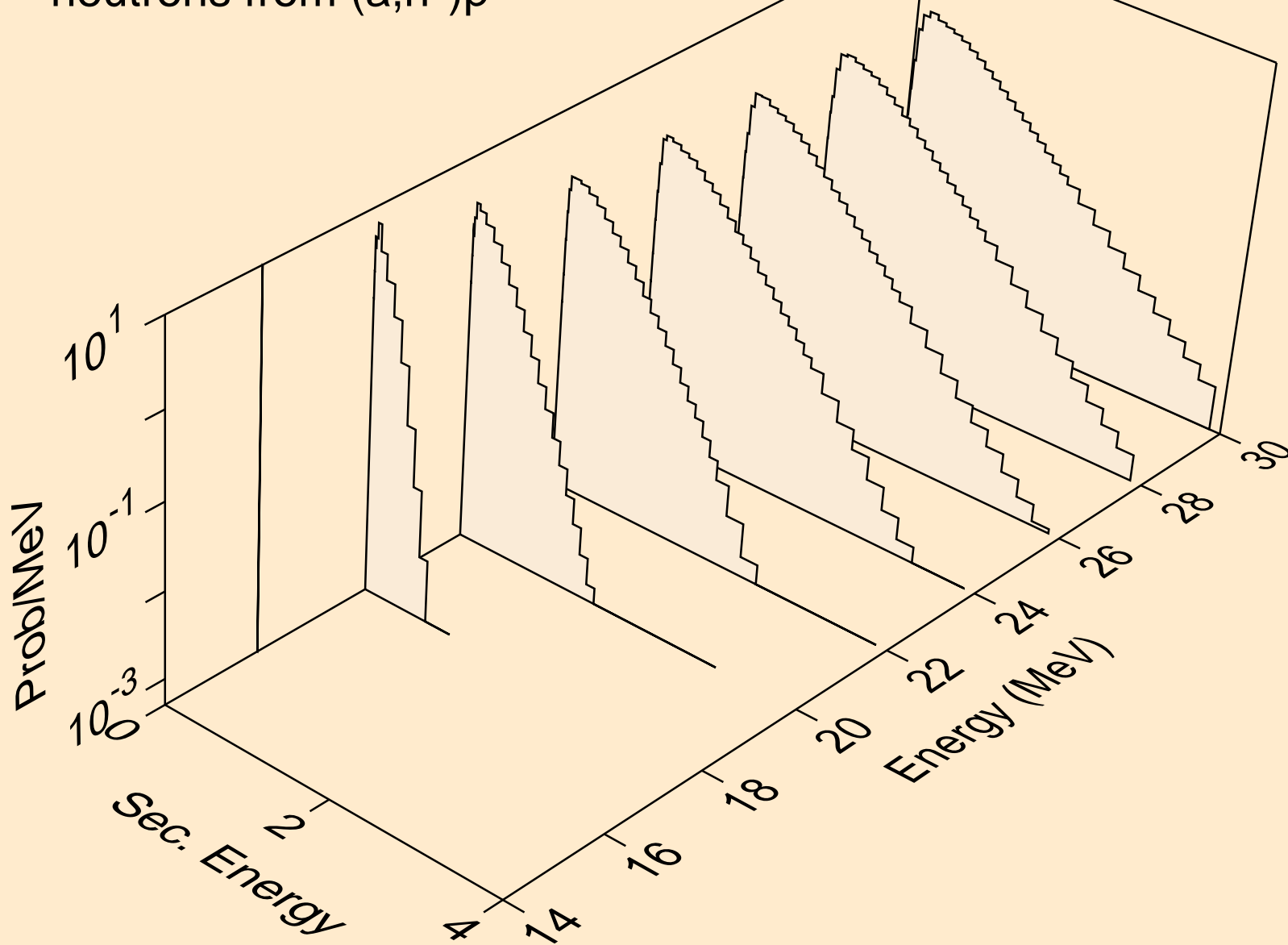
HF177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n*)a



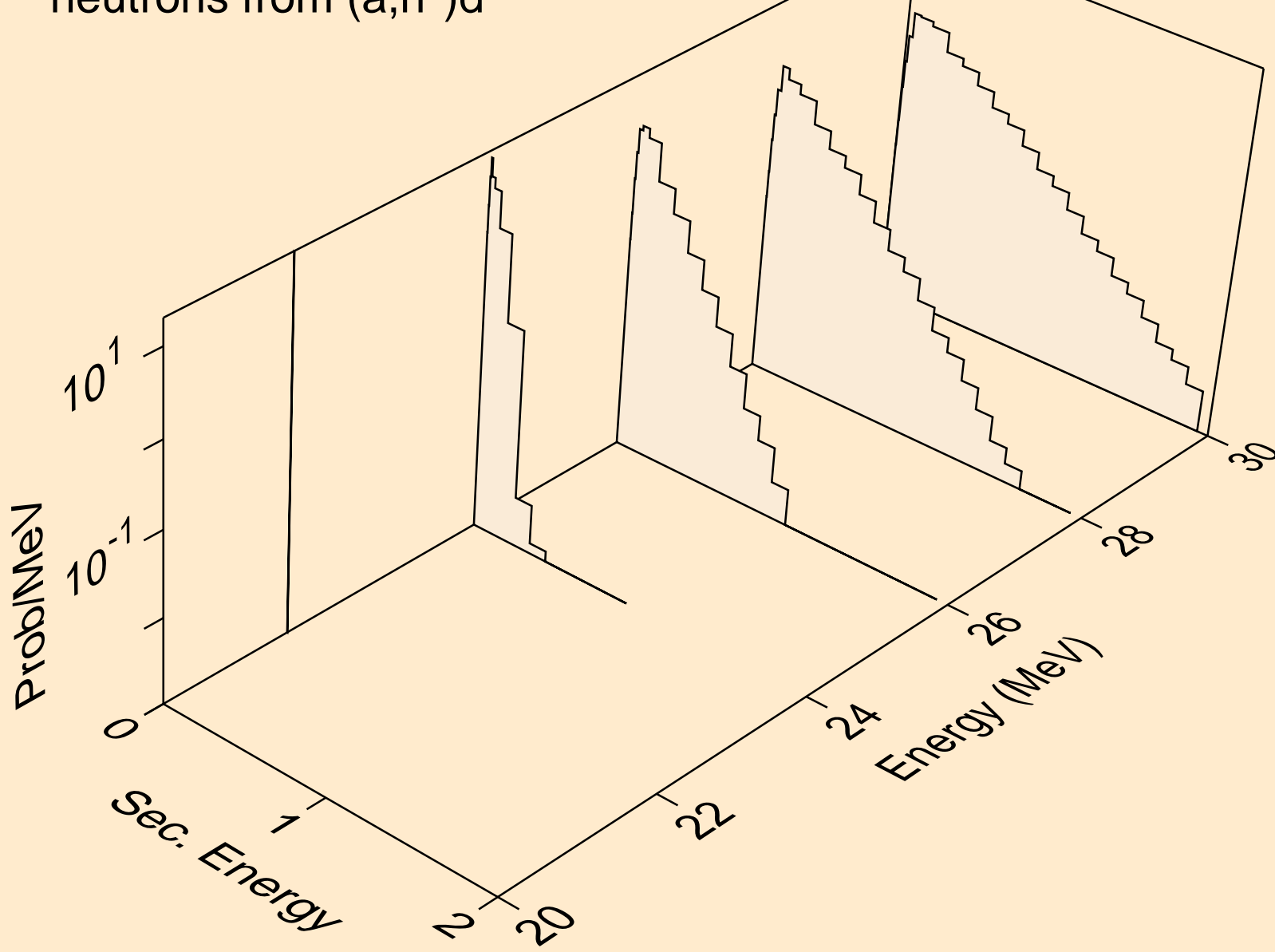
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neutrons from (a,2n)a



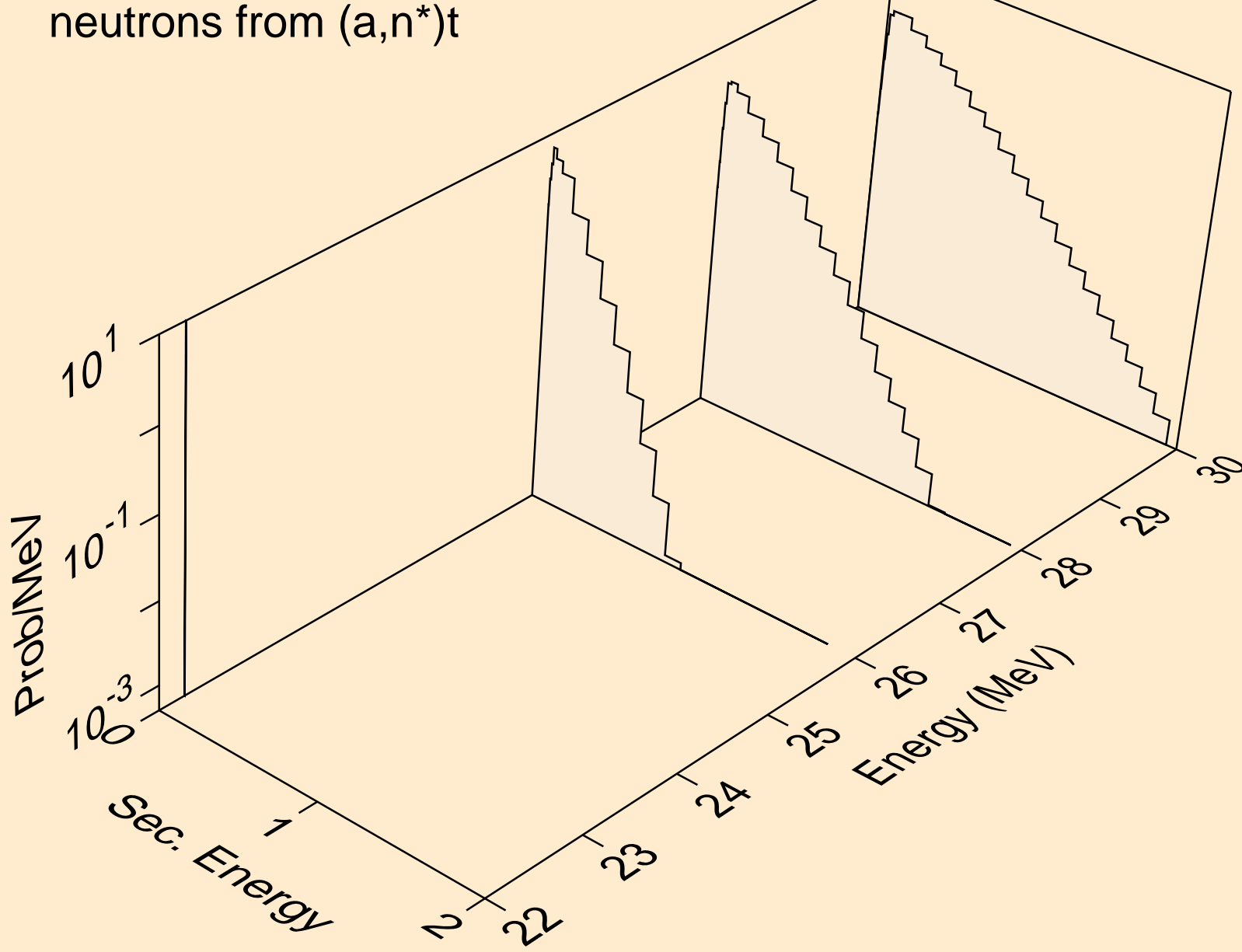
HF177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n*)p



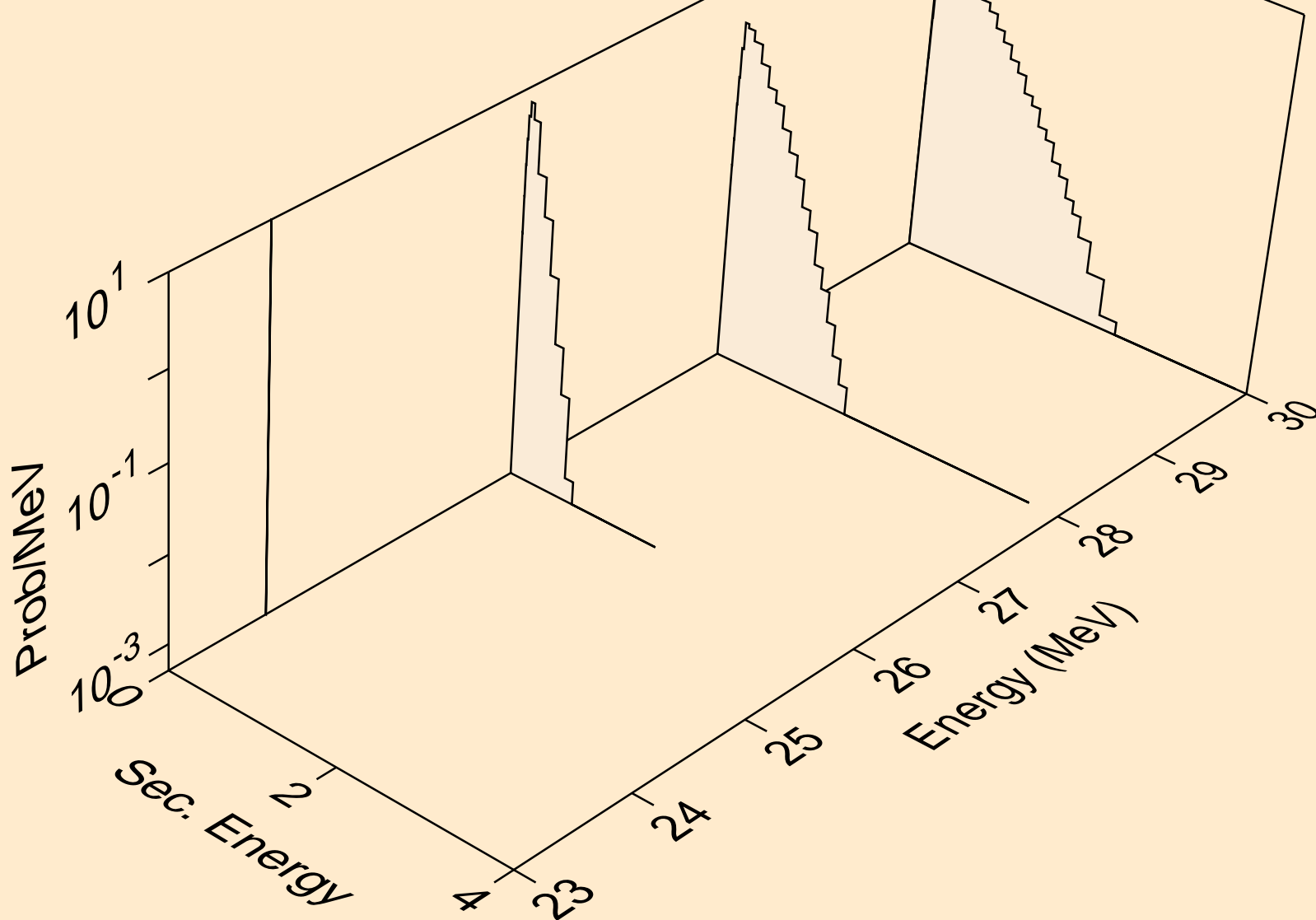
HF177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n*)d



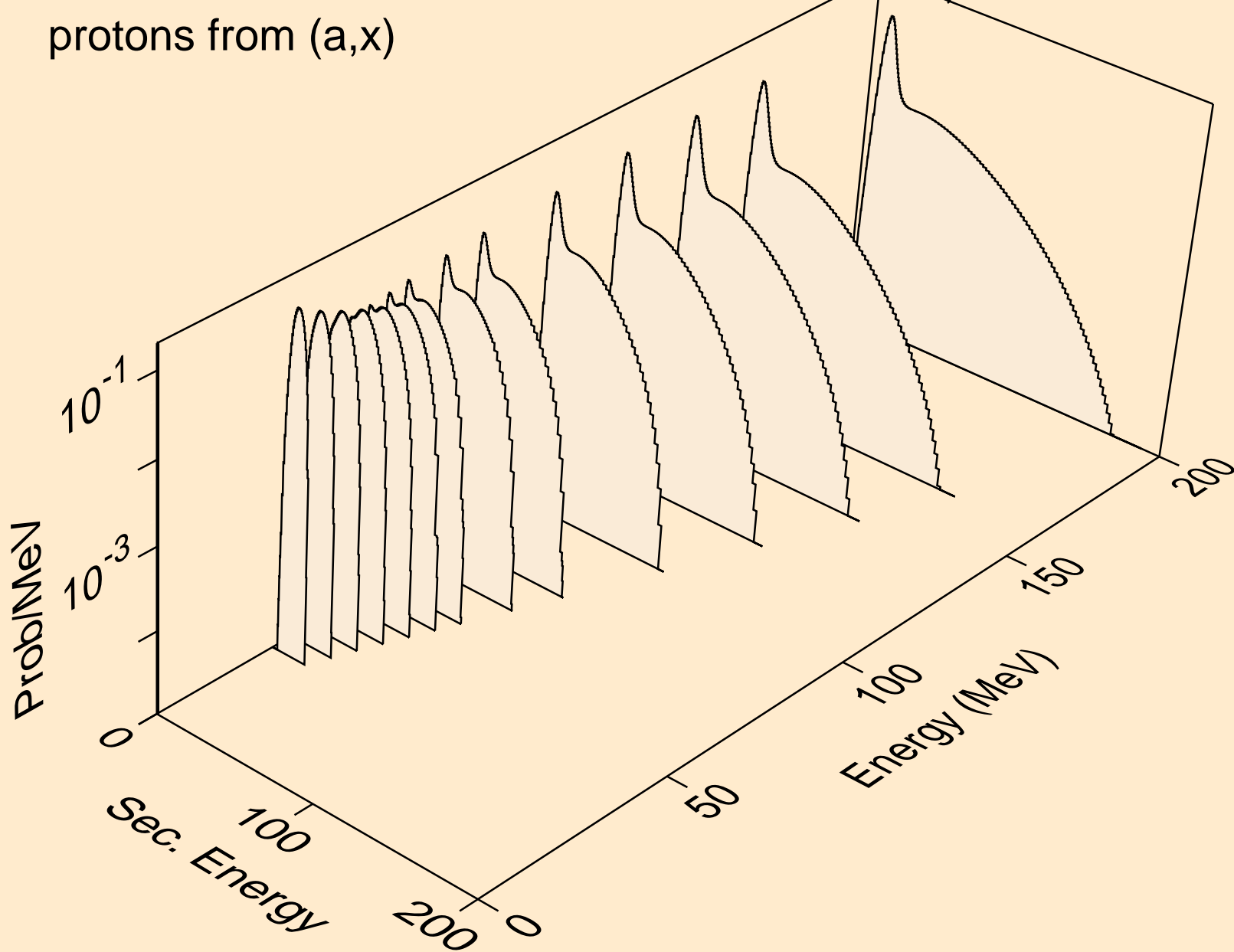
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neutrons from (a,n*)t



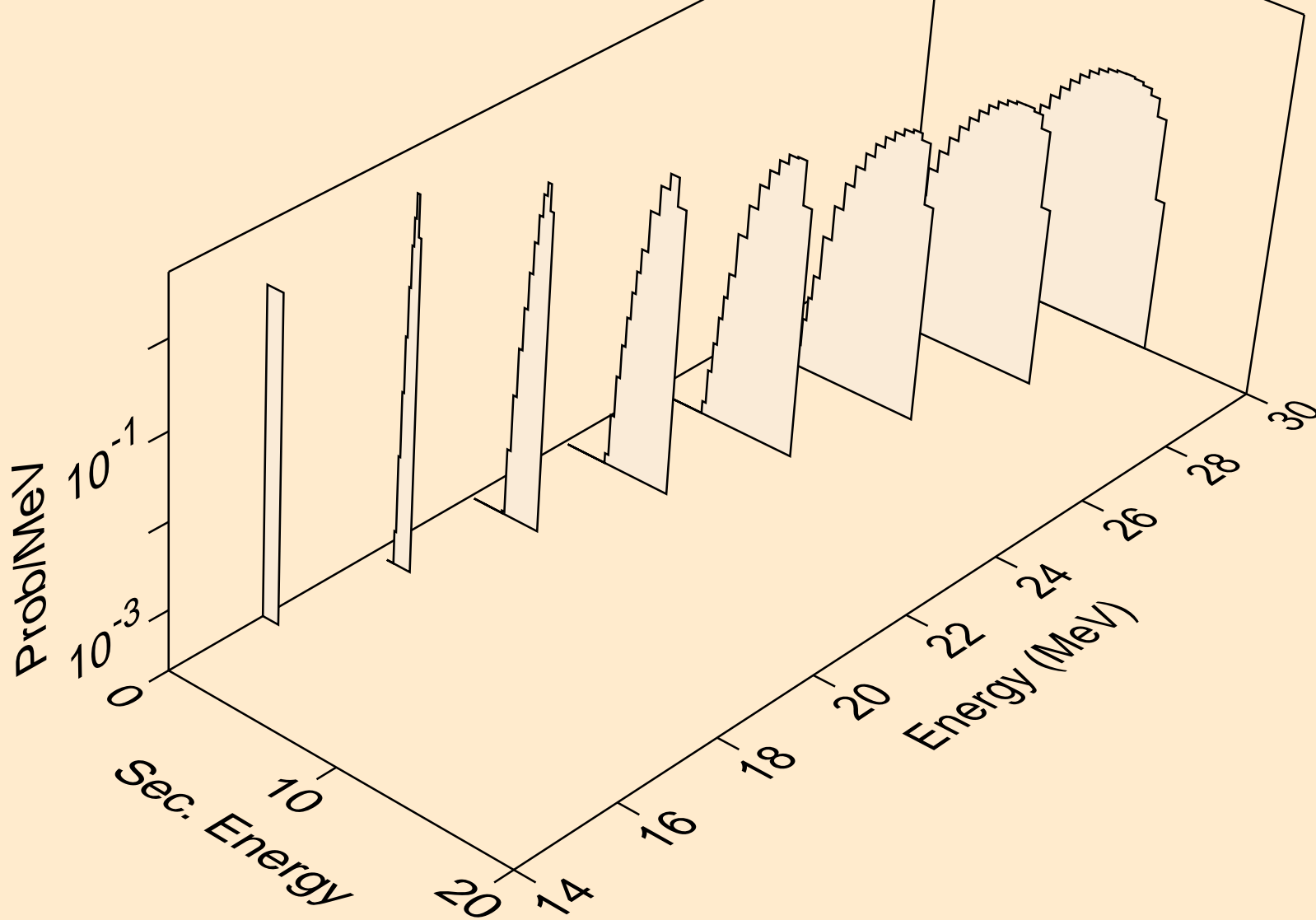
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neutrons from (a,2np)



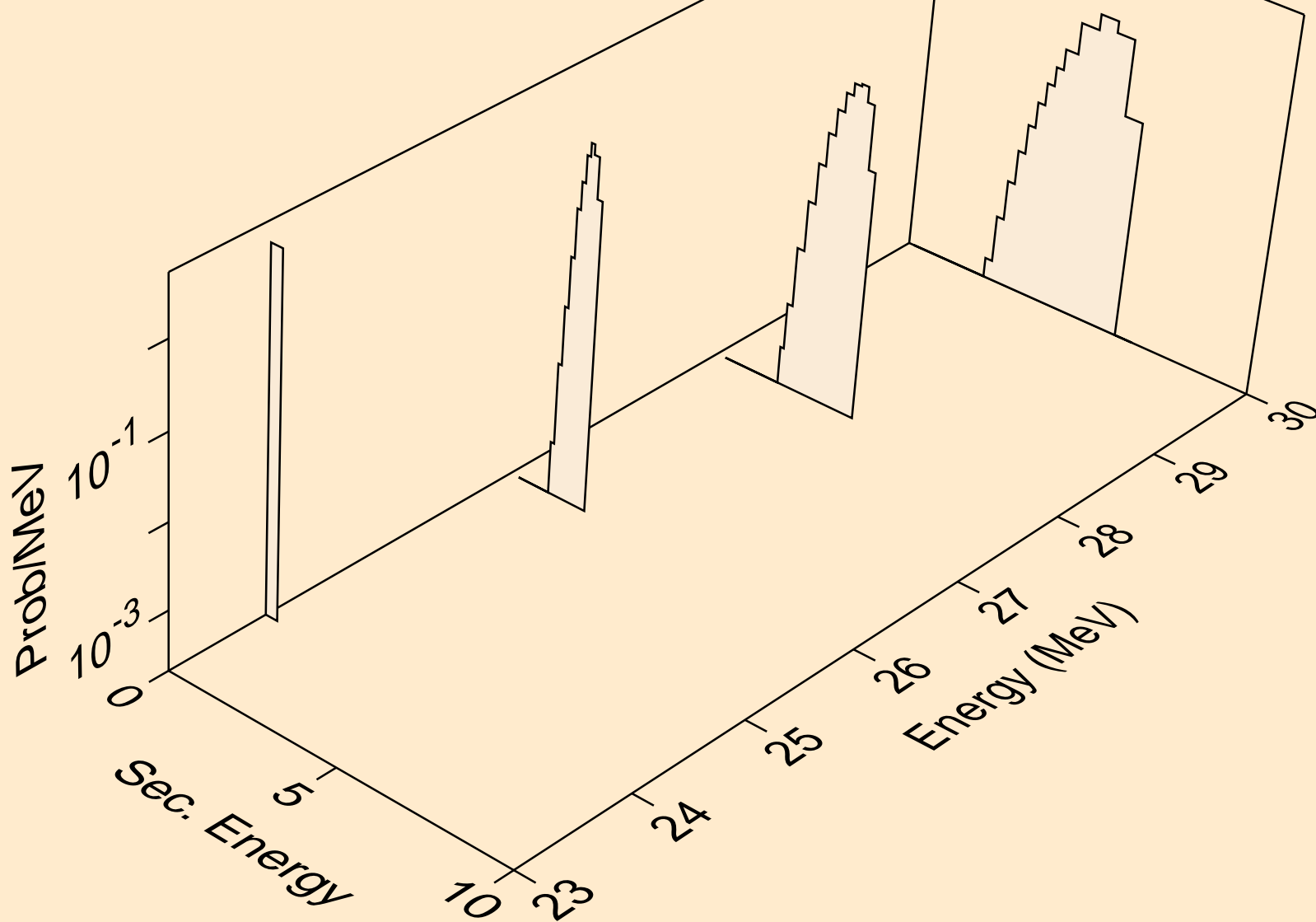
HF177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
protons from (a,x)



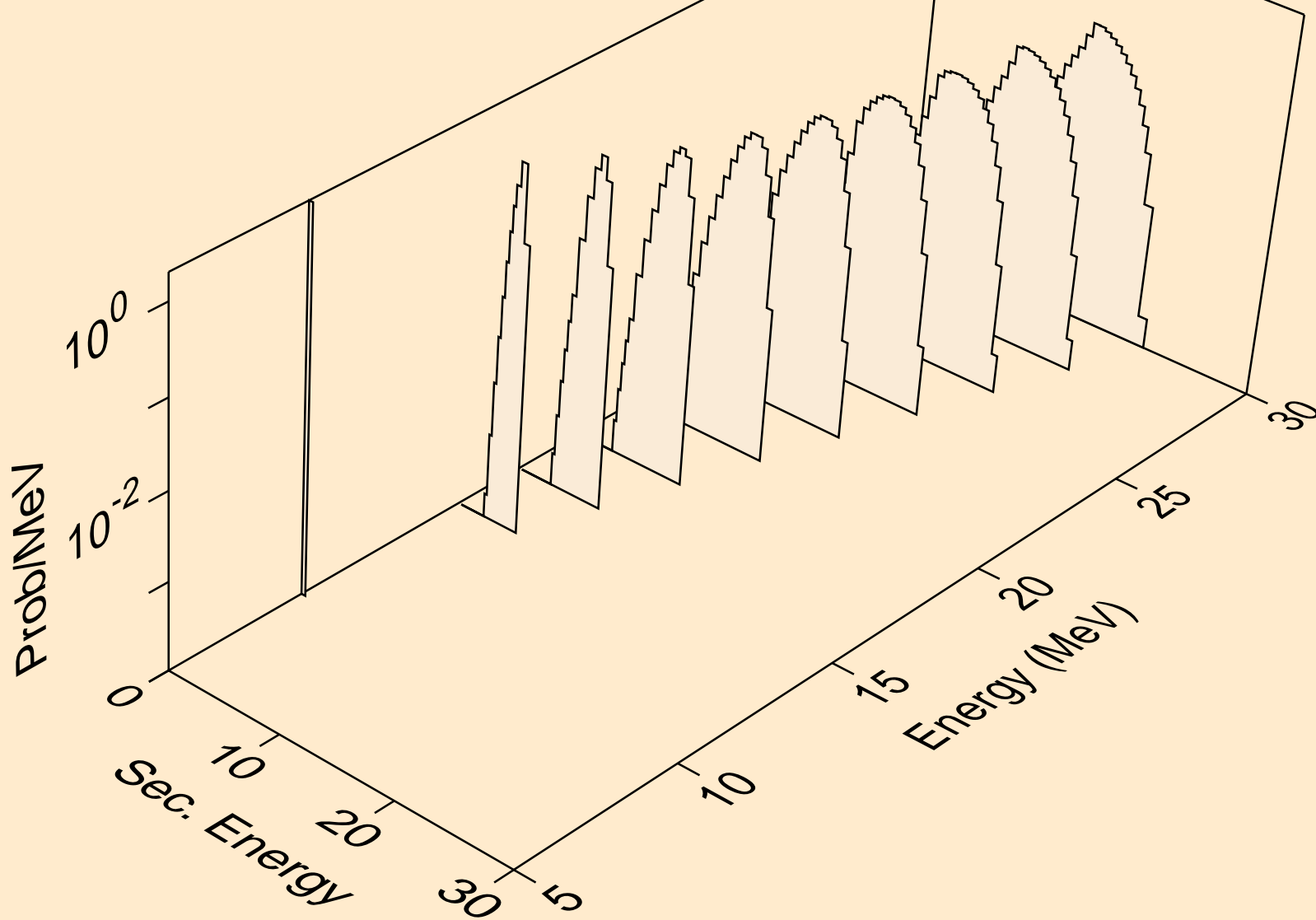
HF177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
protons from (a,n*)p



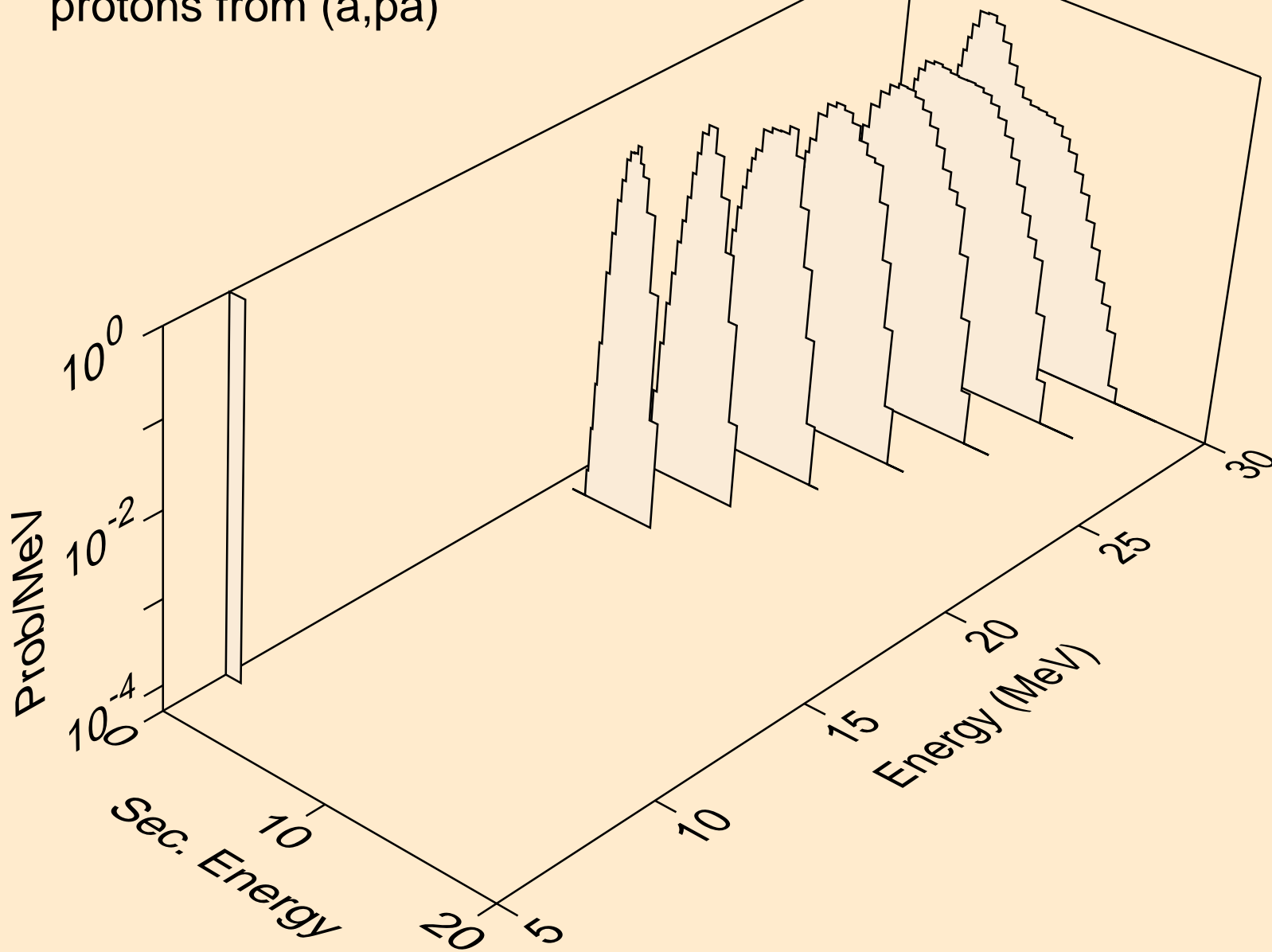
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protons from (a,2np)



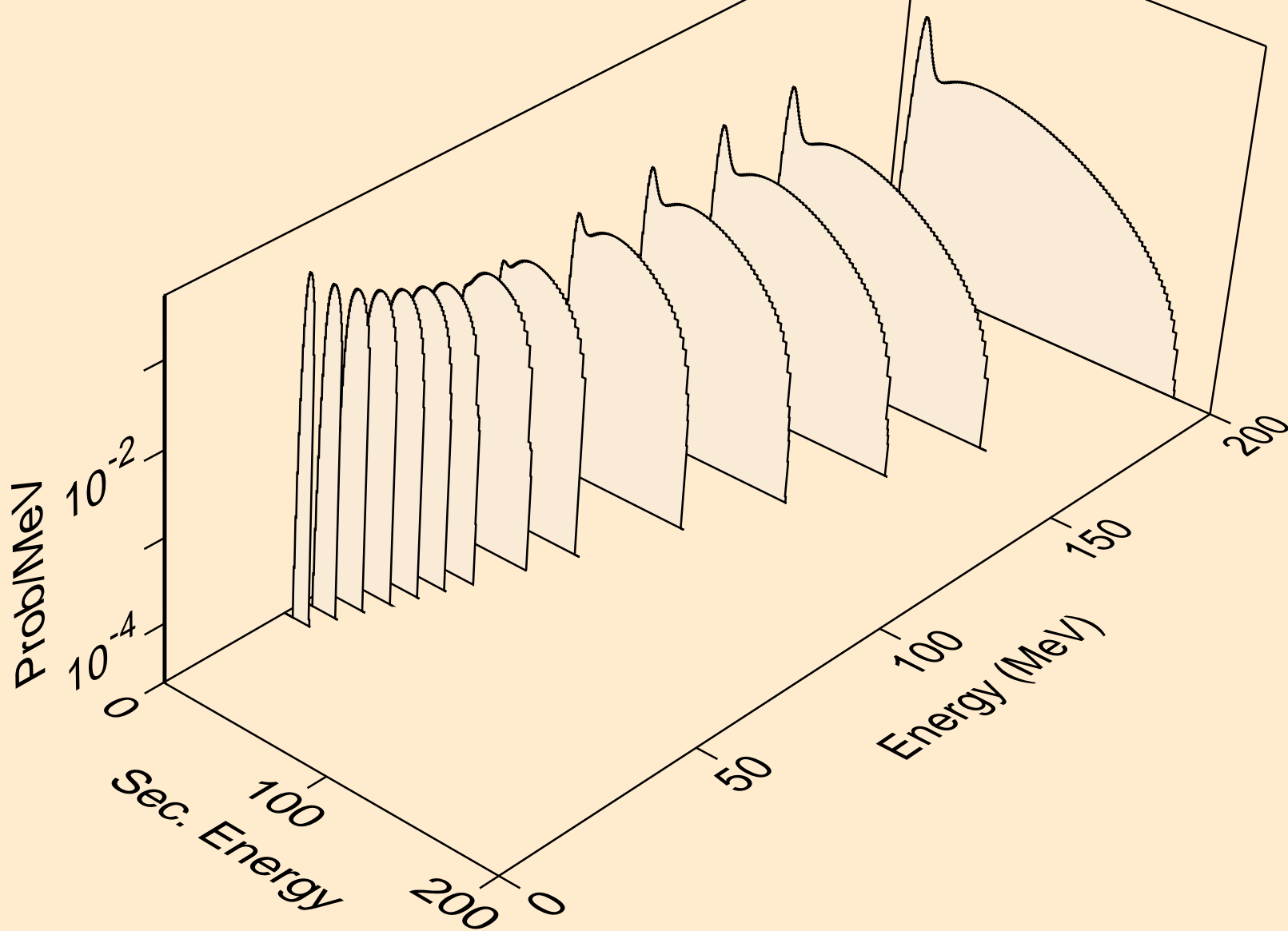
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protons from (a,p)



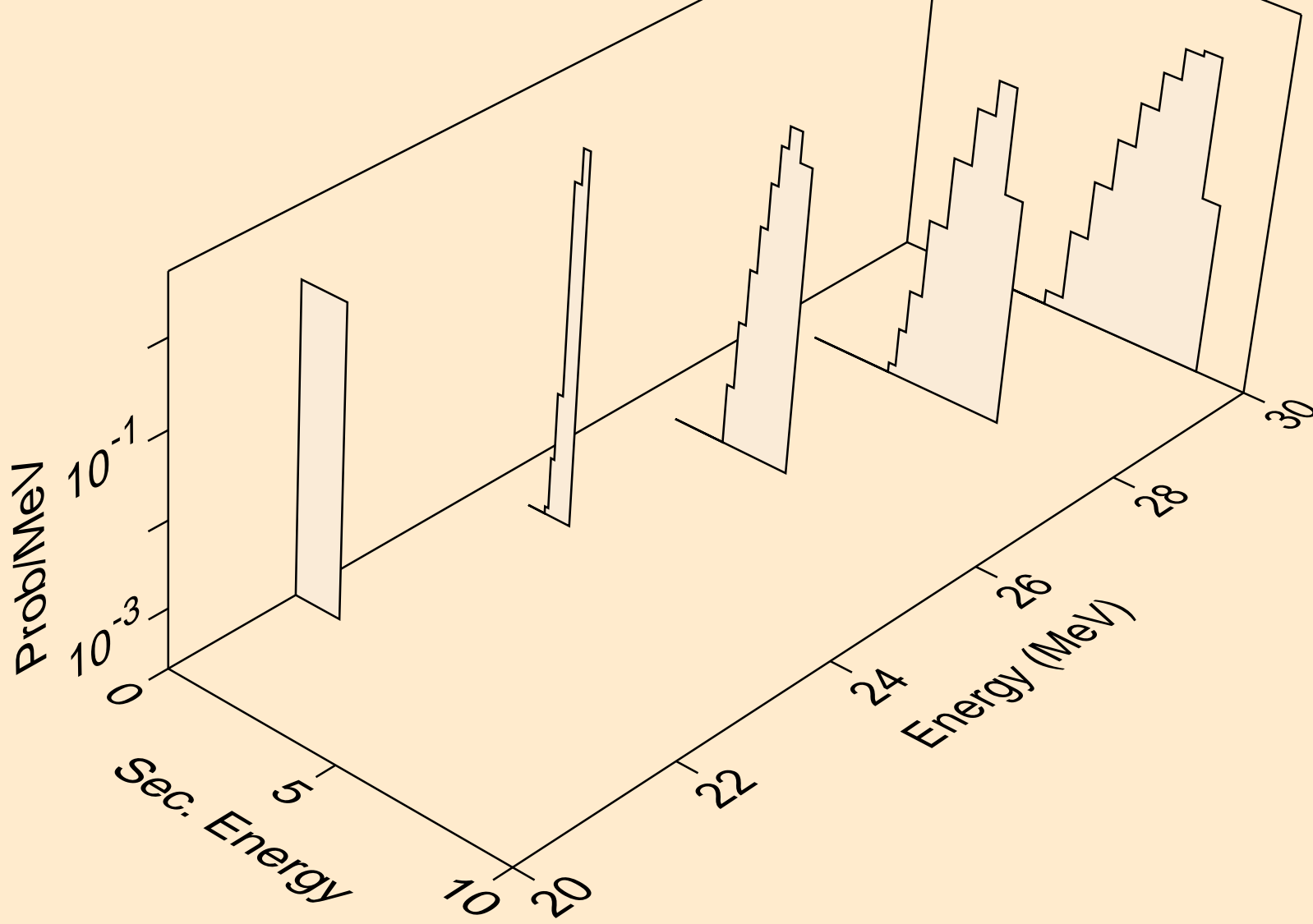
HF177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
protons from (a,pa)



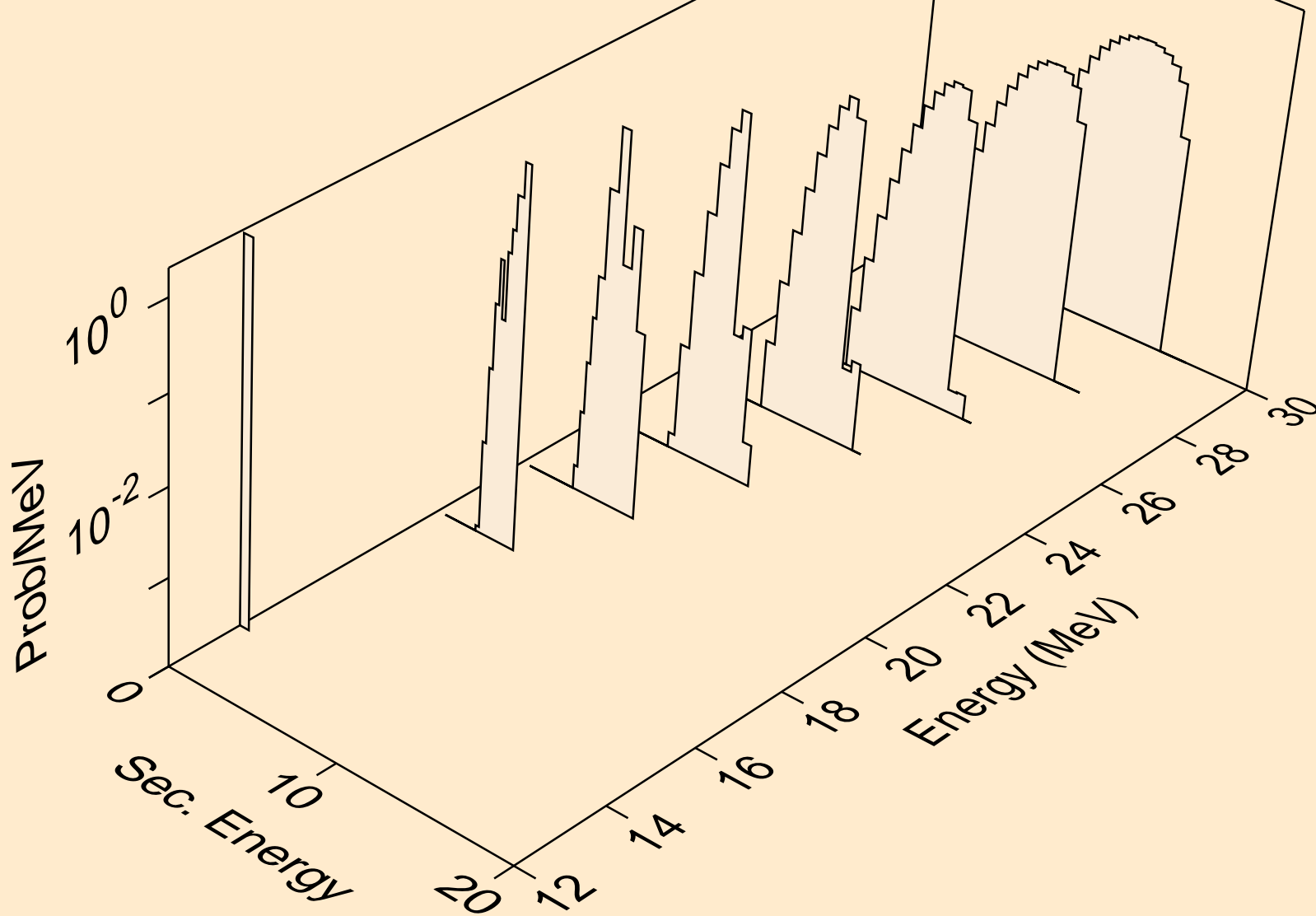
HF177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (a,x)



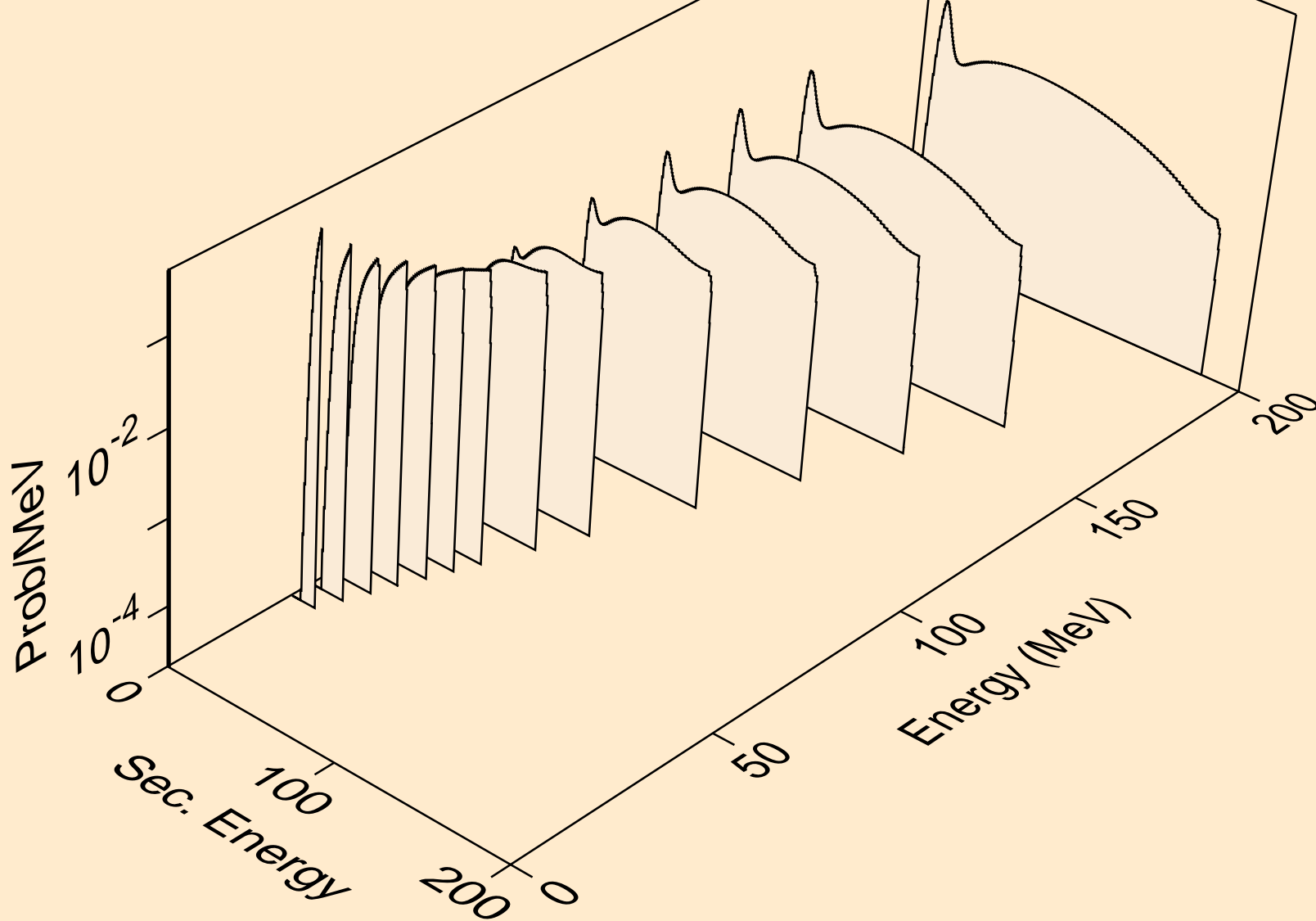
HF177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (a,n*)d



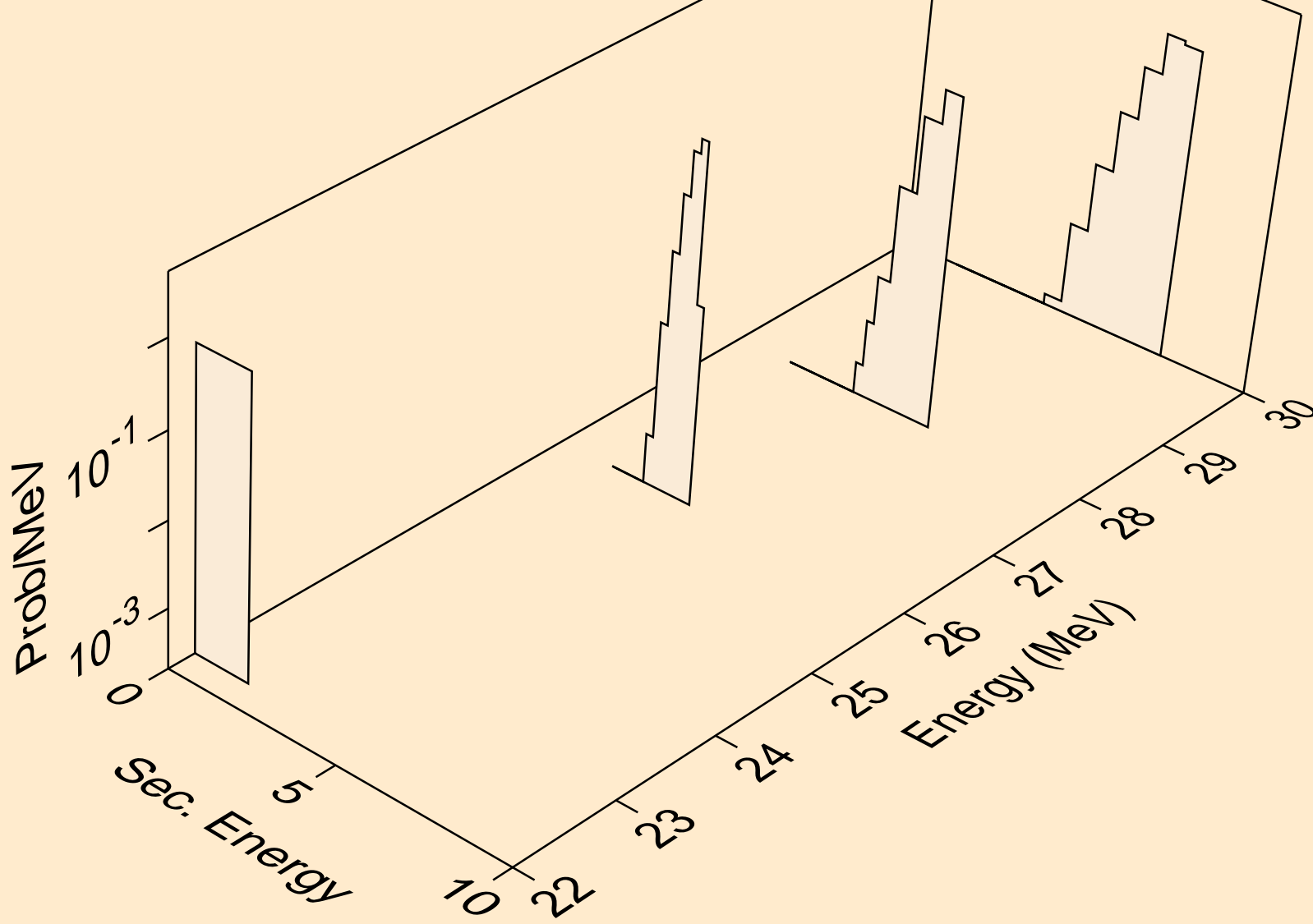
HF177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (a,d)



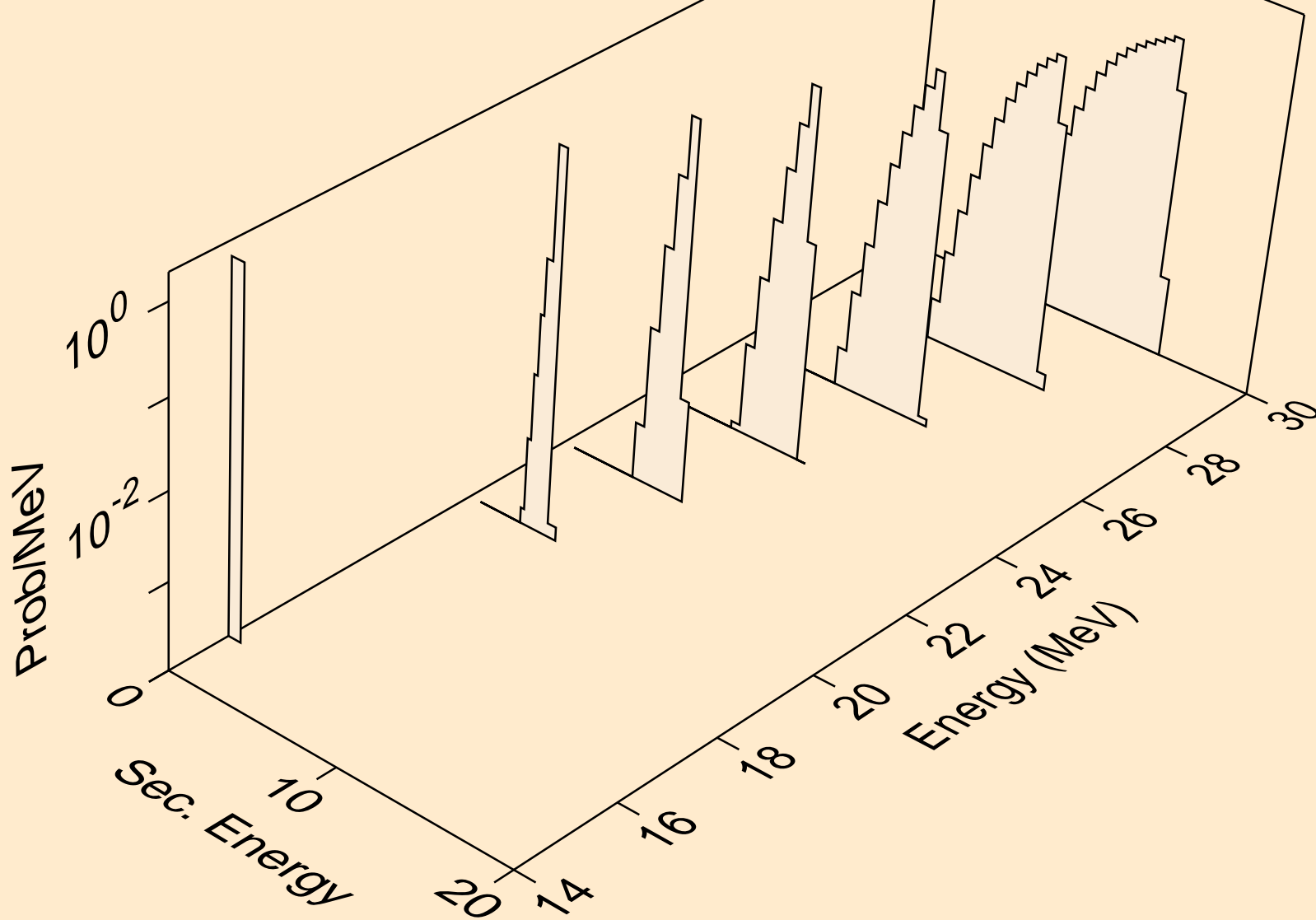
HF177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
tritons from (a,x)



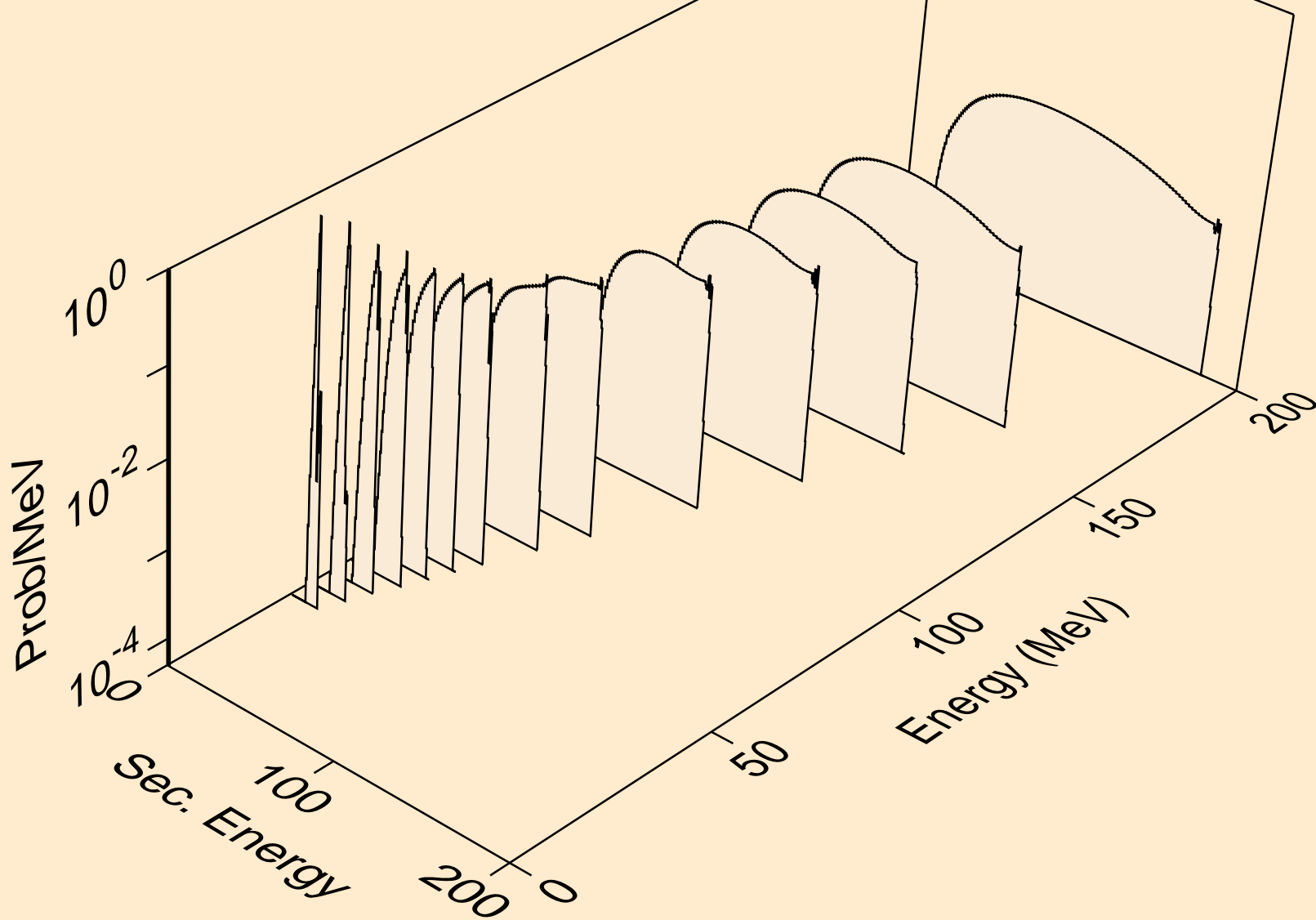
HF177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
tritons from (a,n*)t



HF177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
tritons from (a,t)



HF177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
he3s from (a,x)



HF177 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
he3s from (a,he3)

