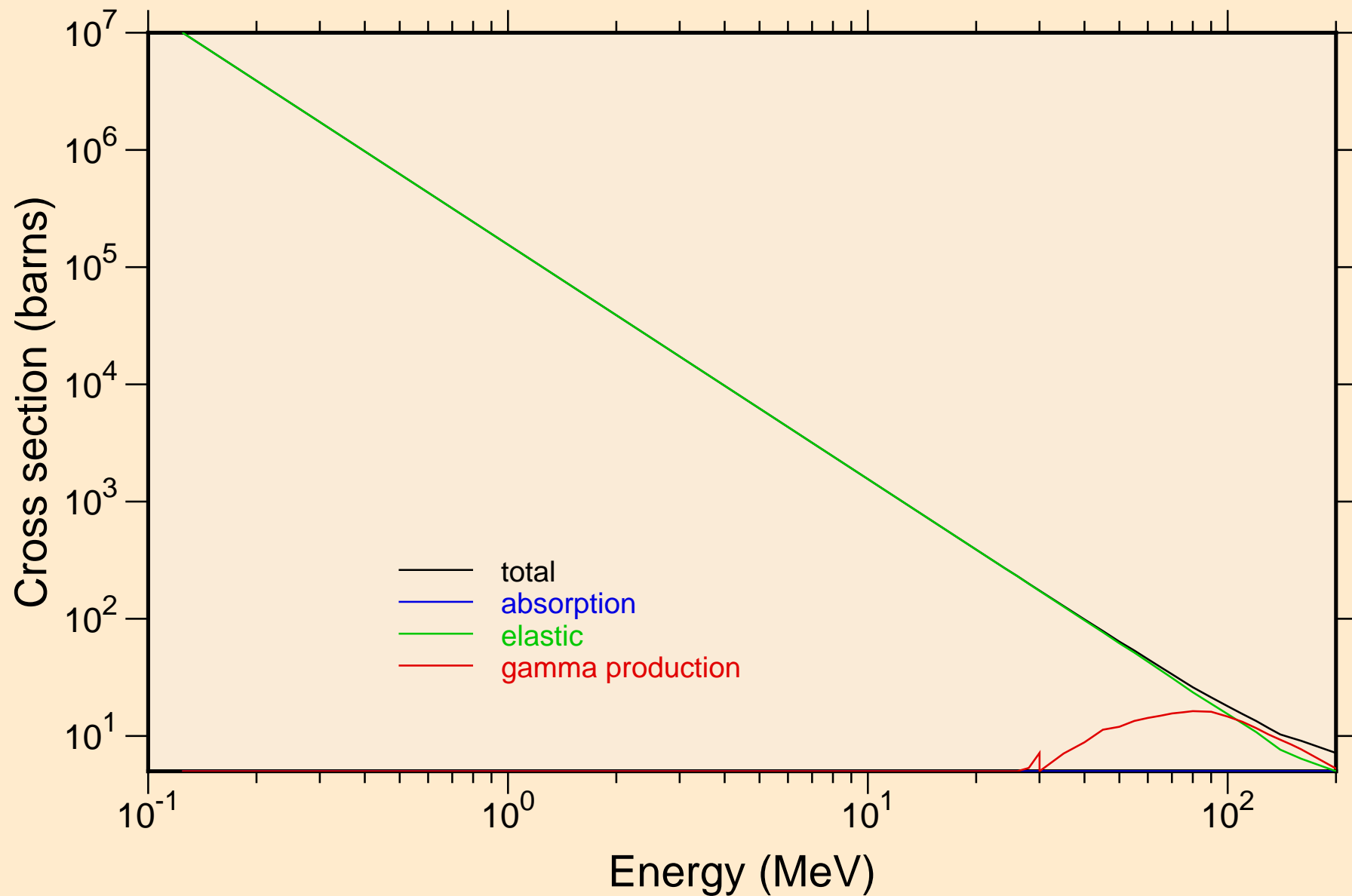
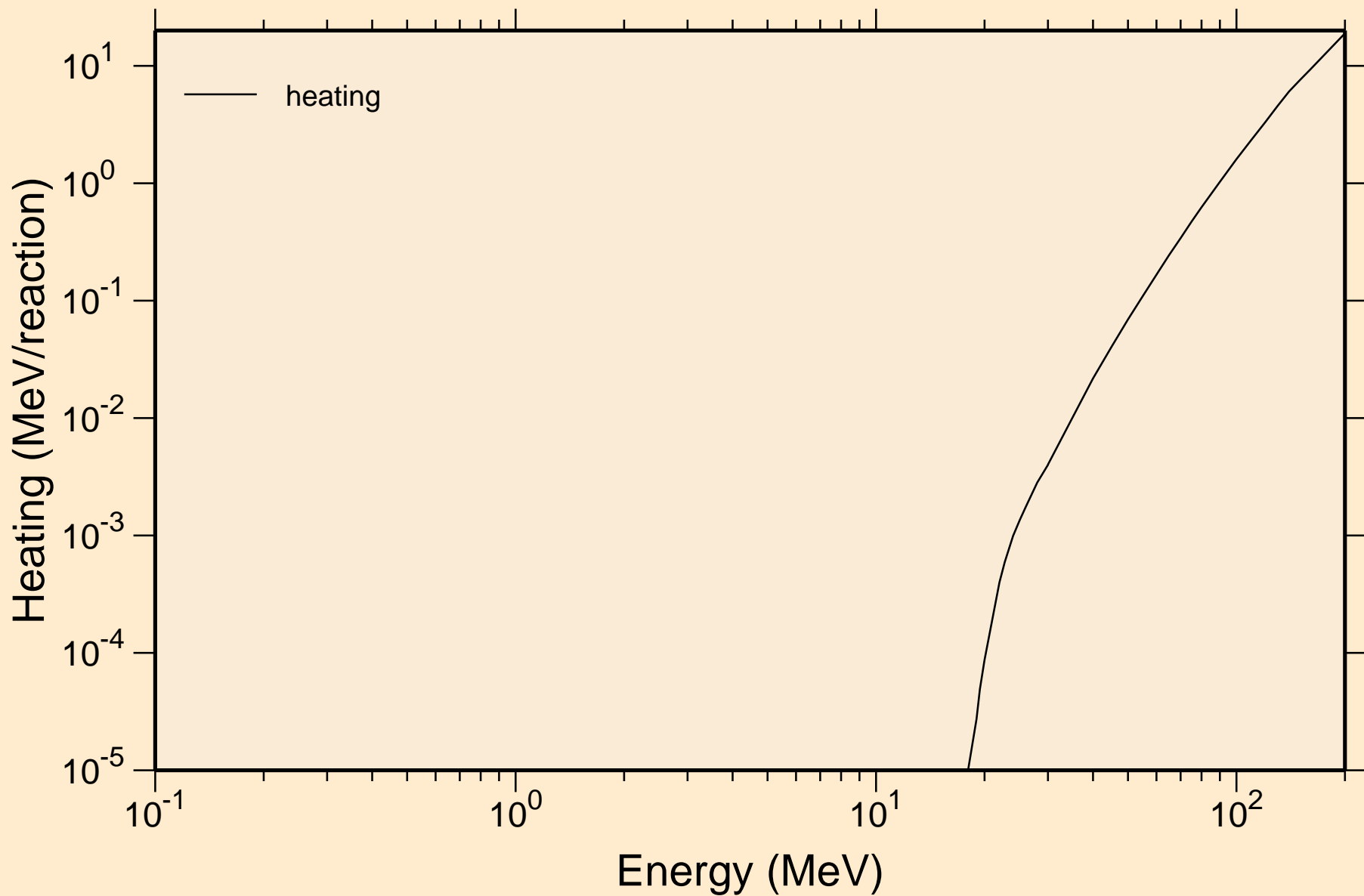


PT190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections

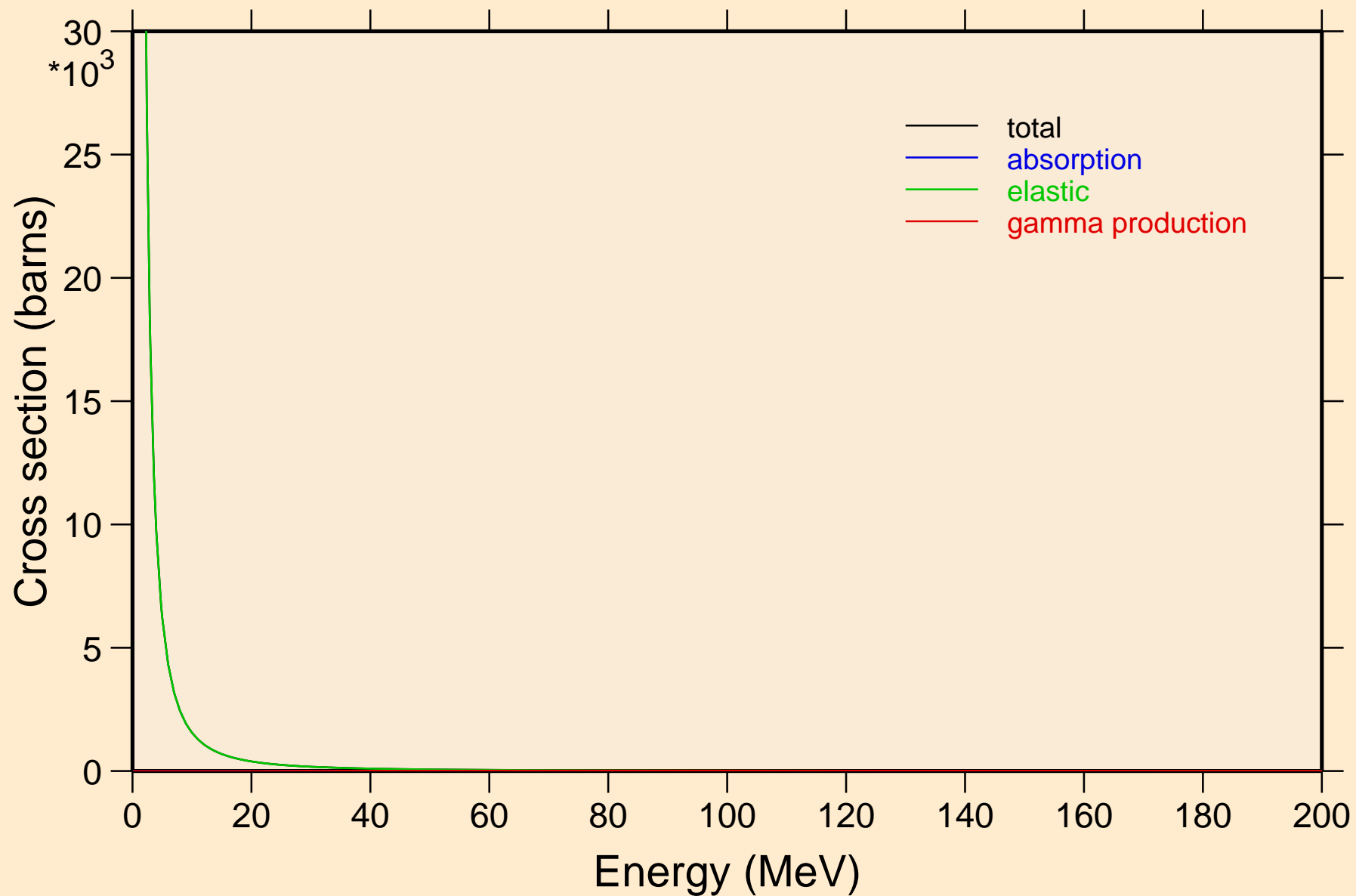


PT190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Heating



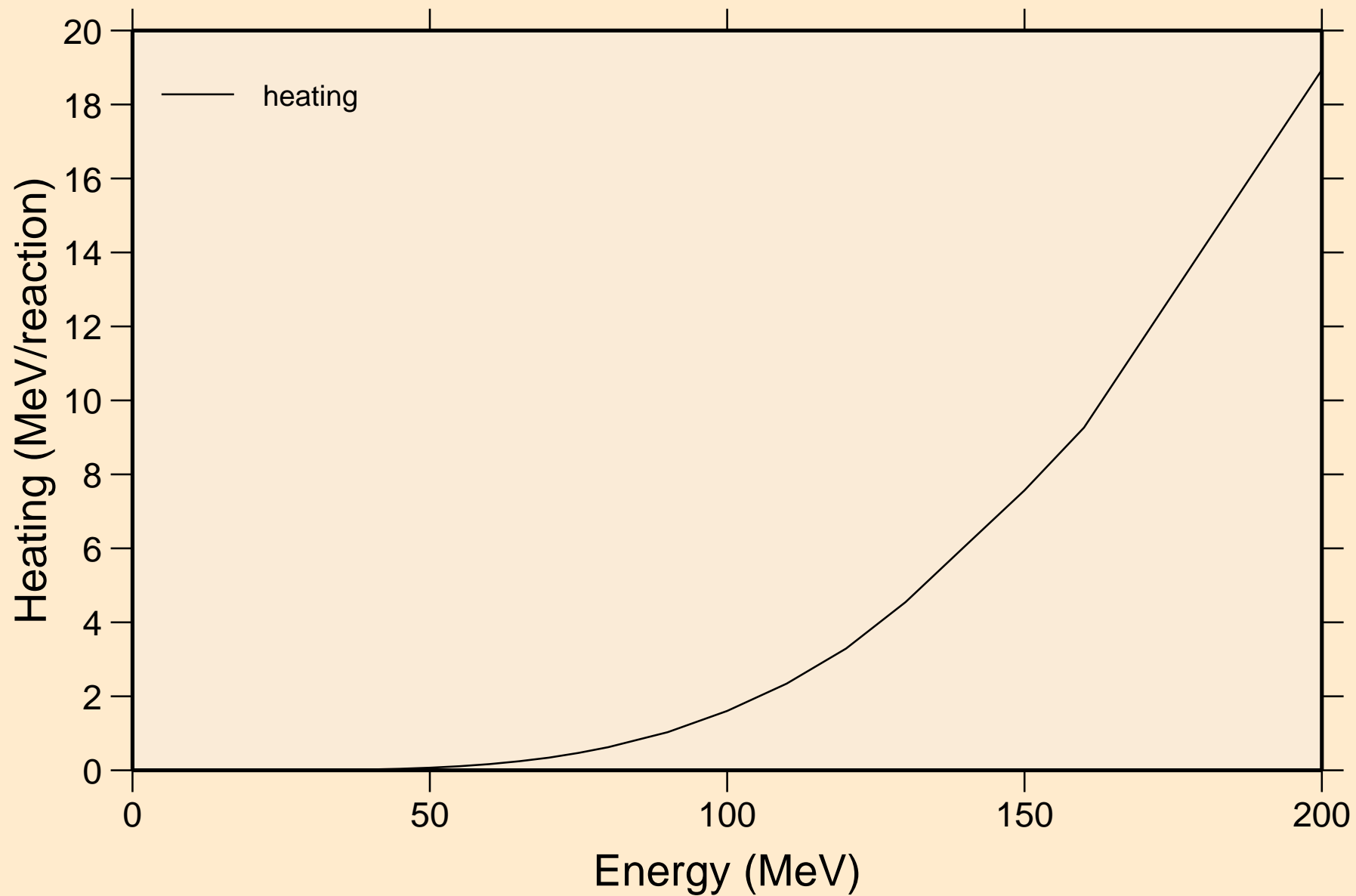
PT190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections

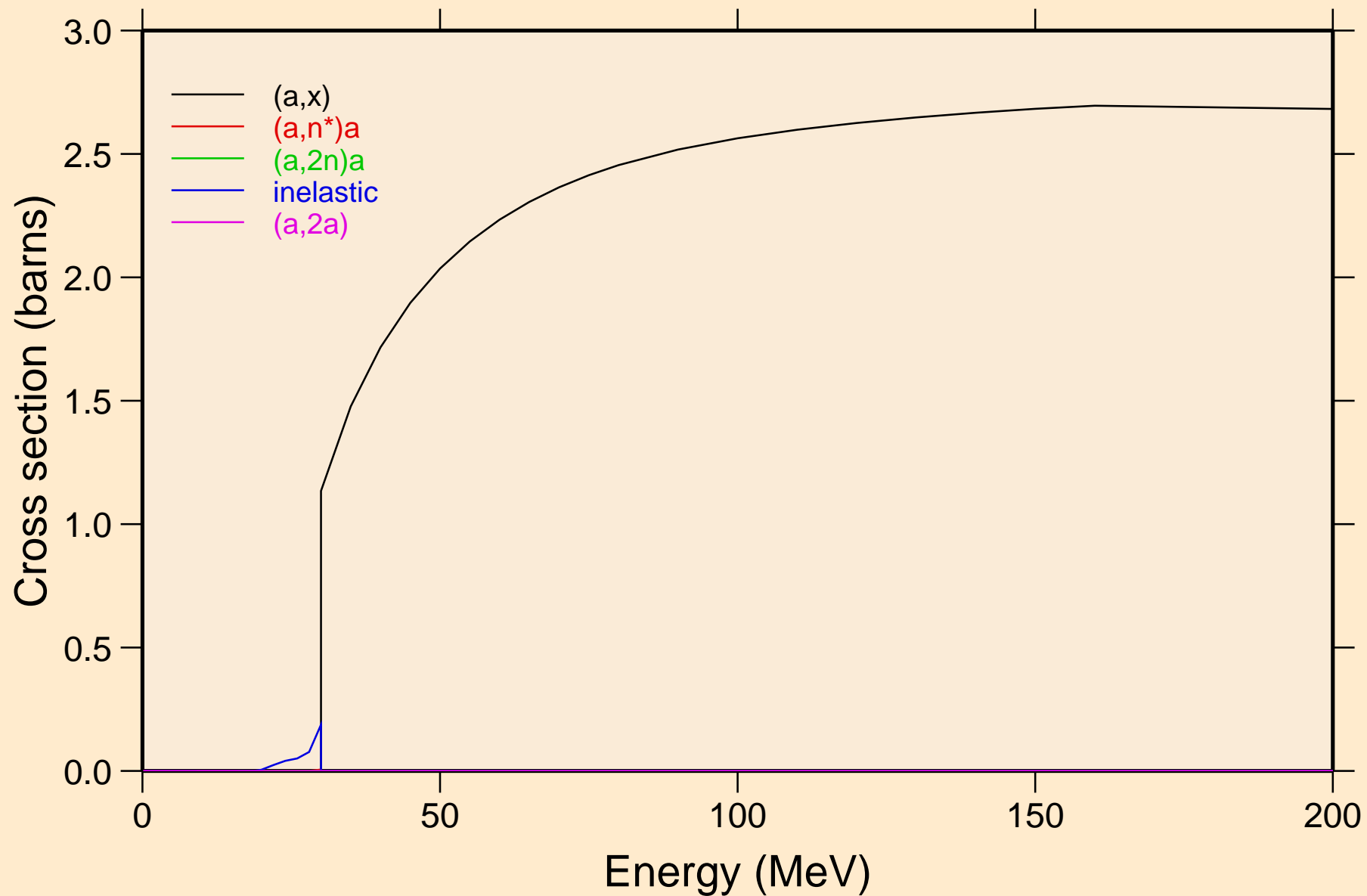


PT190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

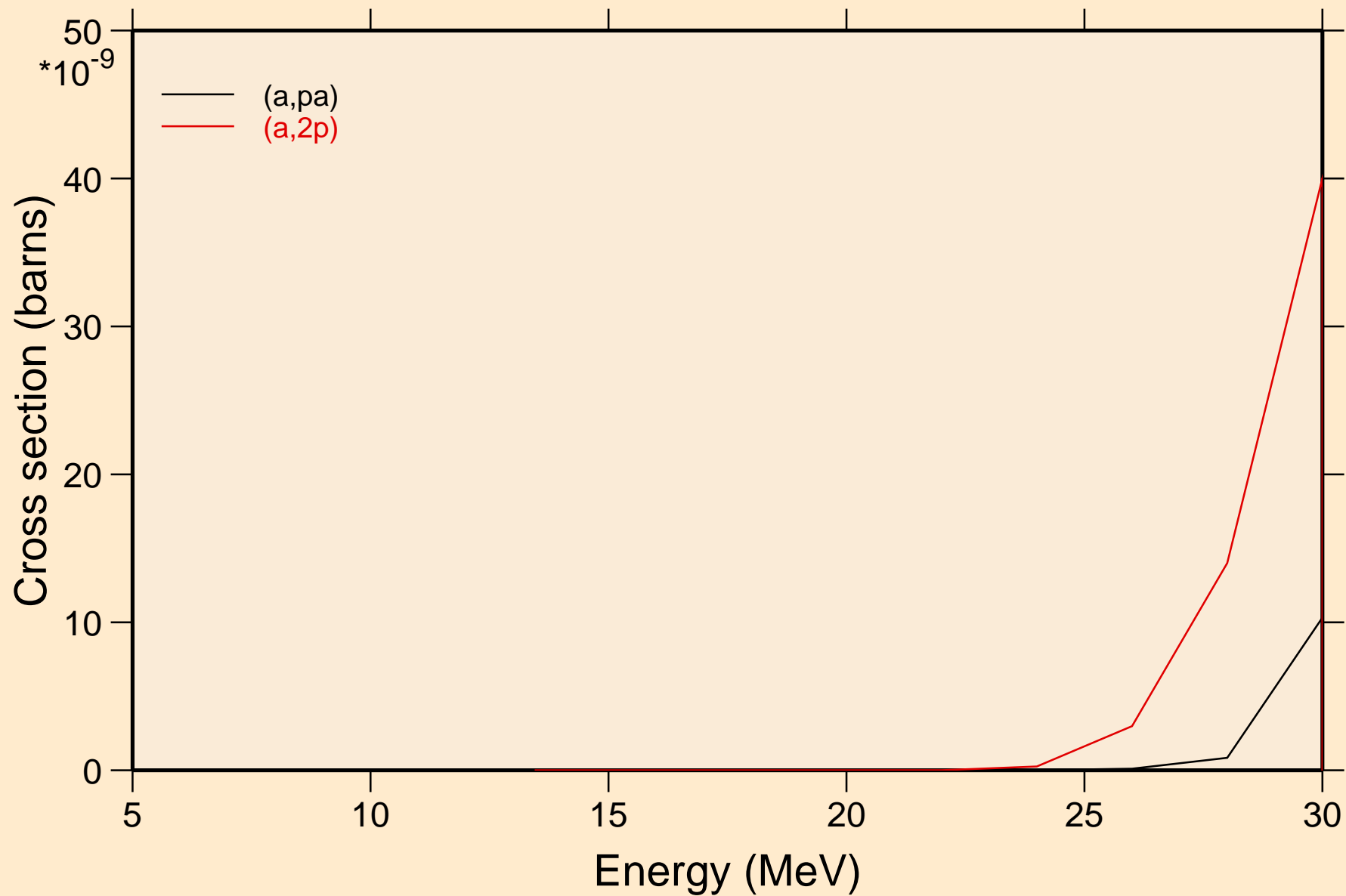
Heating



PT190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions

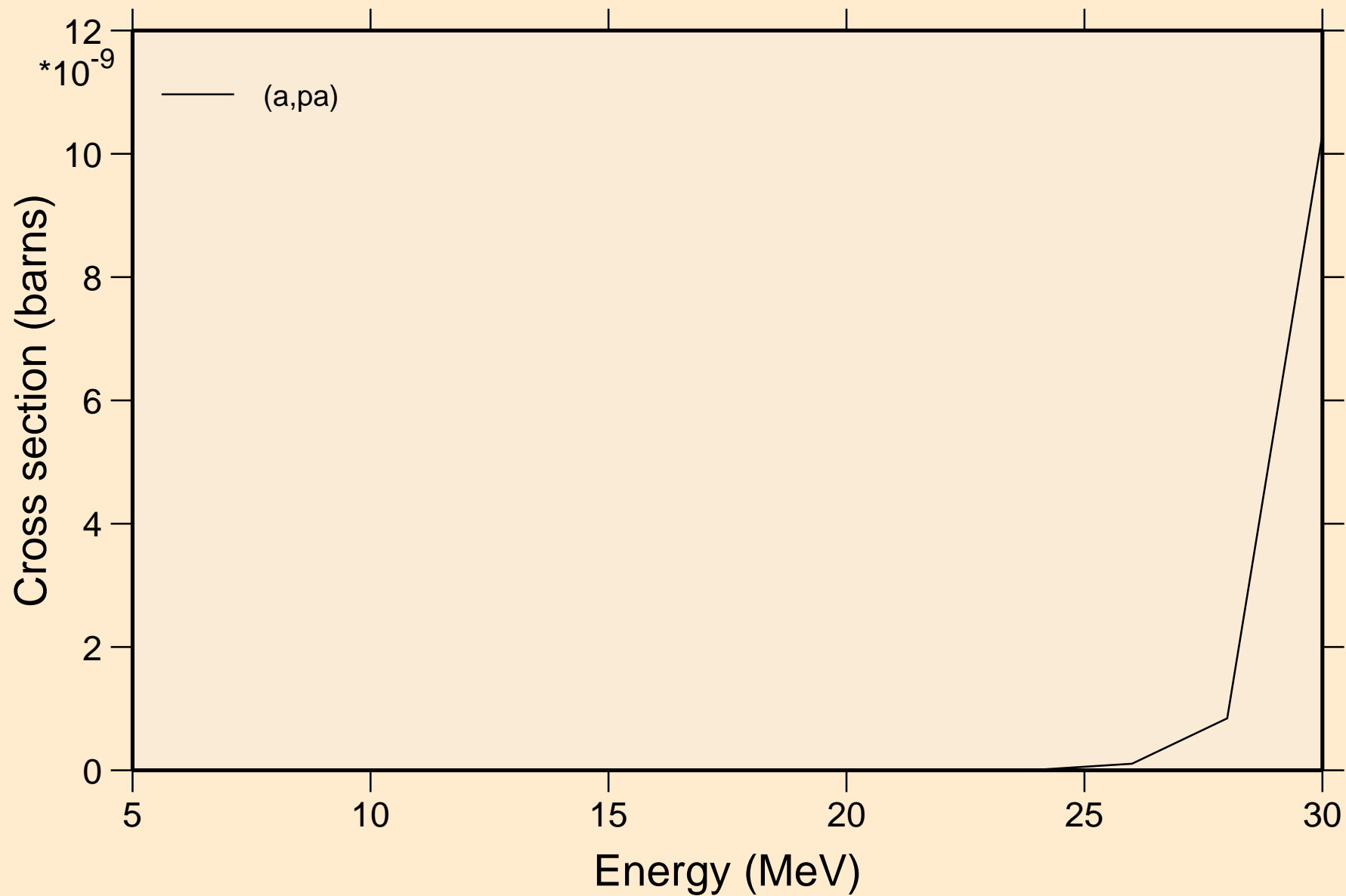


PT190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions

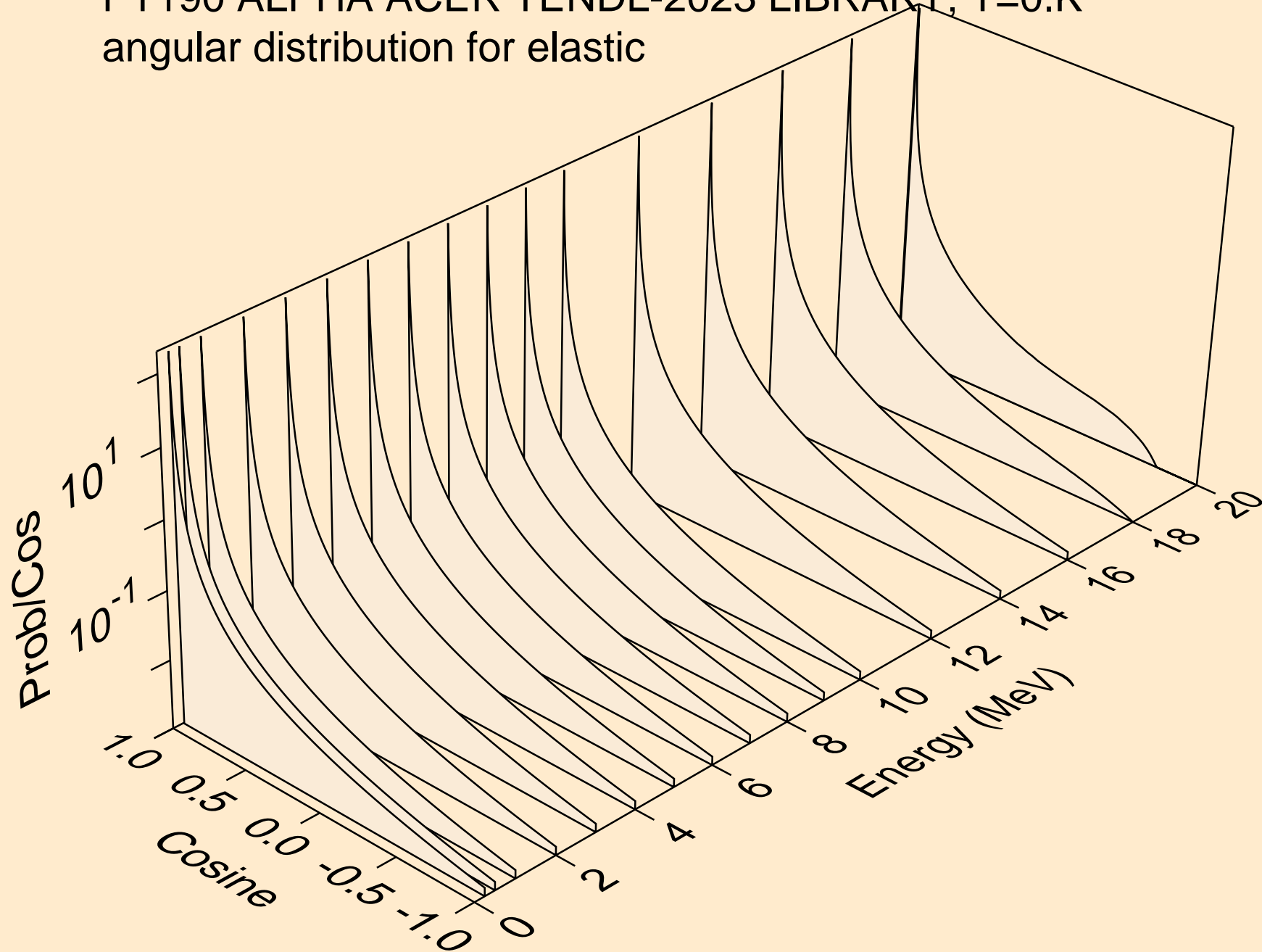


PT190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

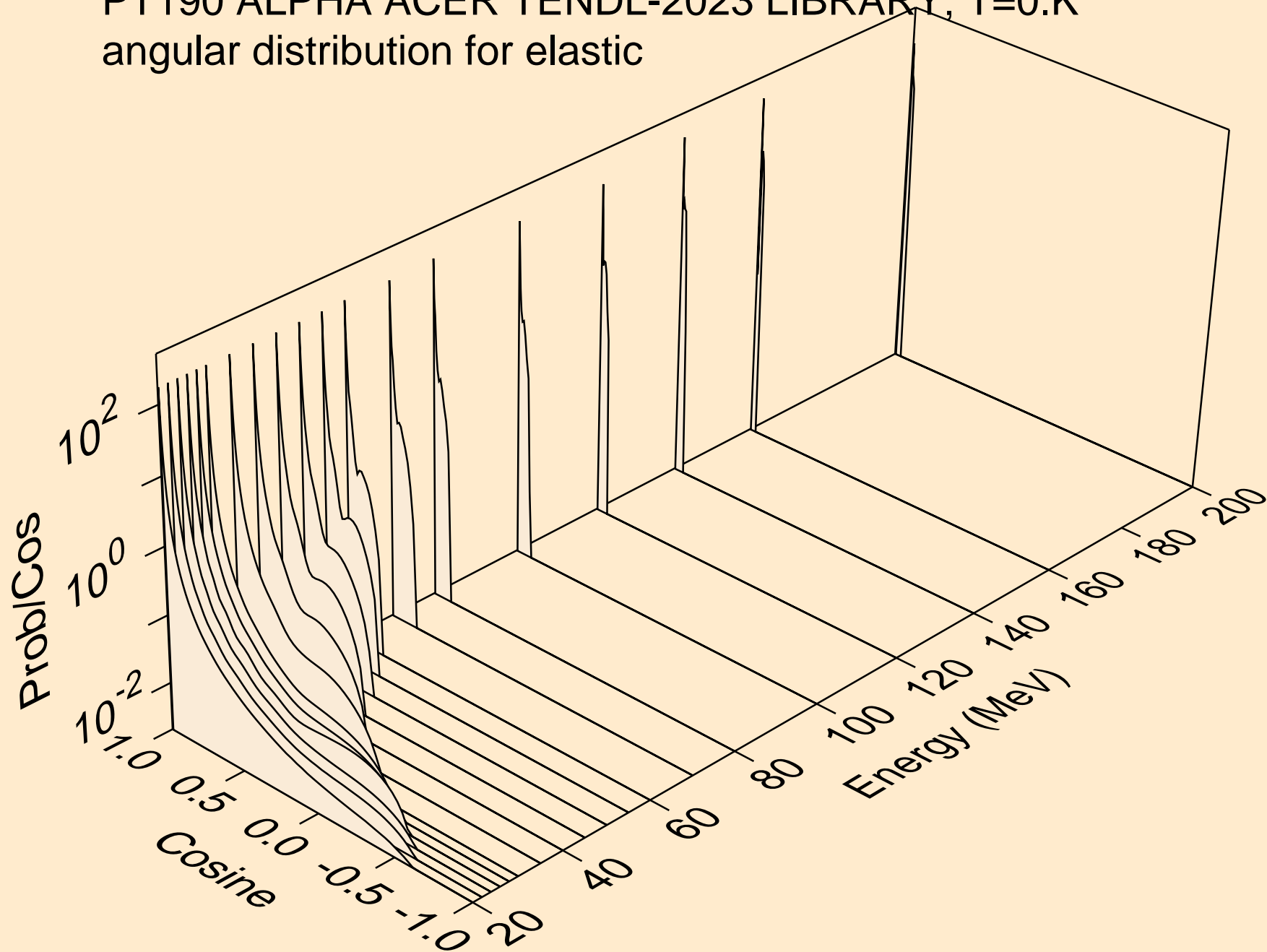
Threshold reactions



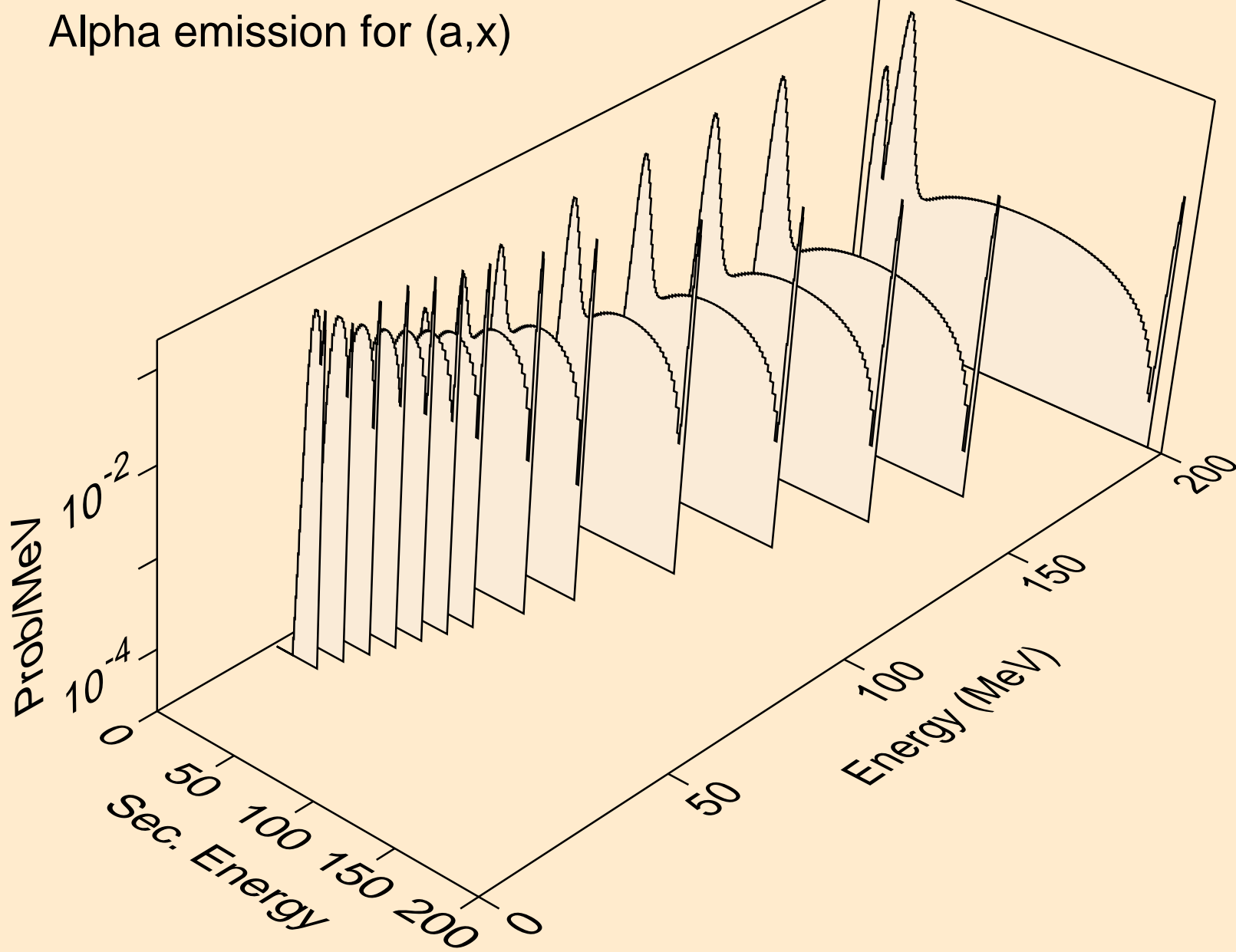
PT190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



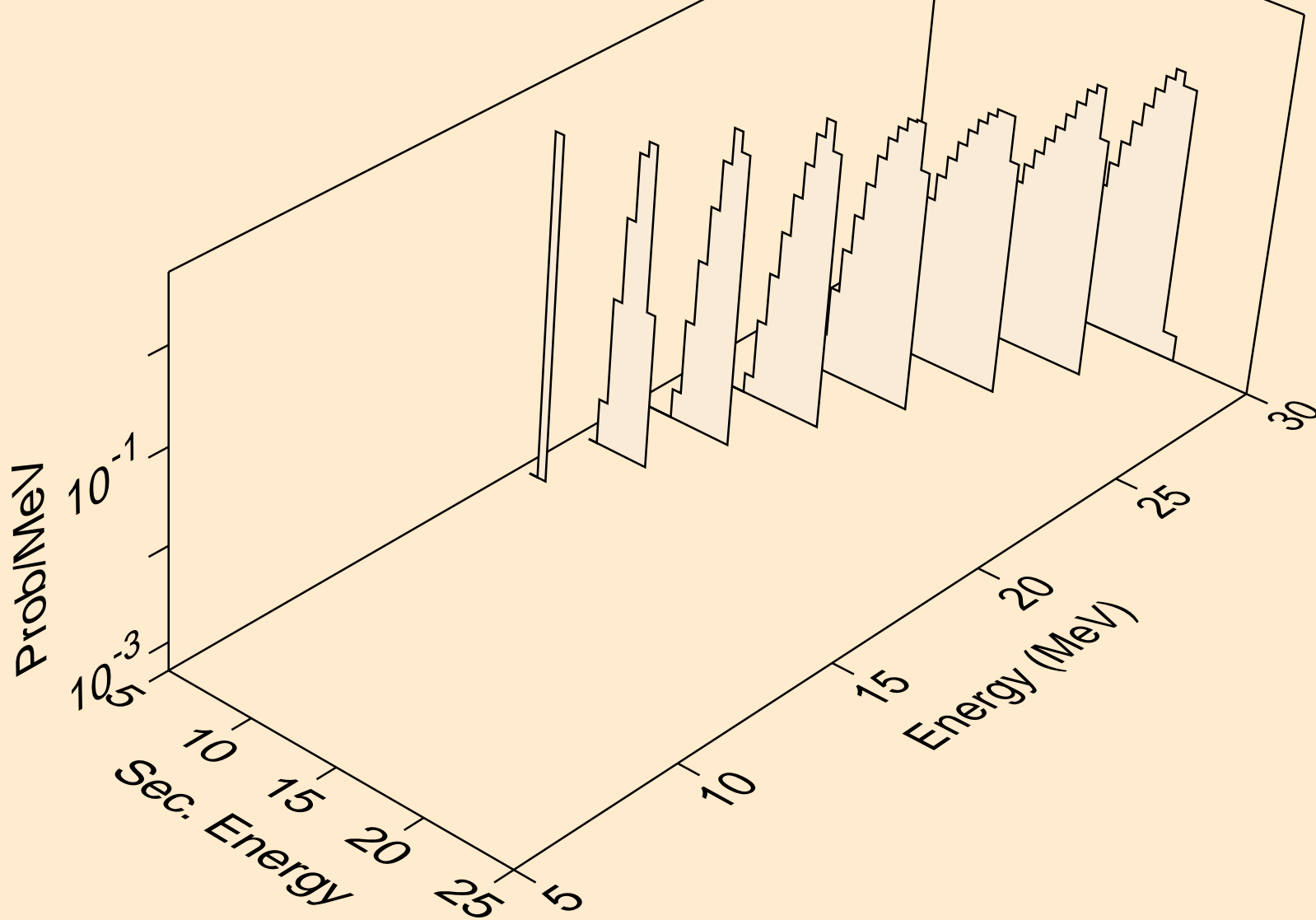
PT190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



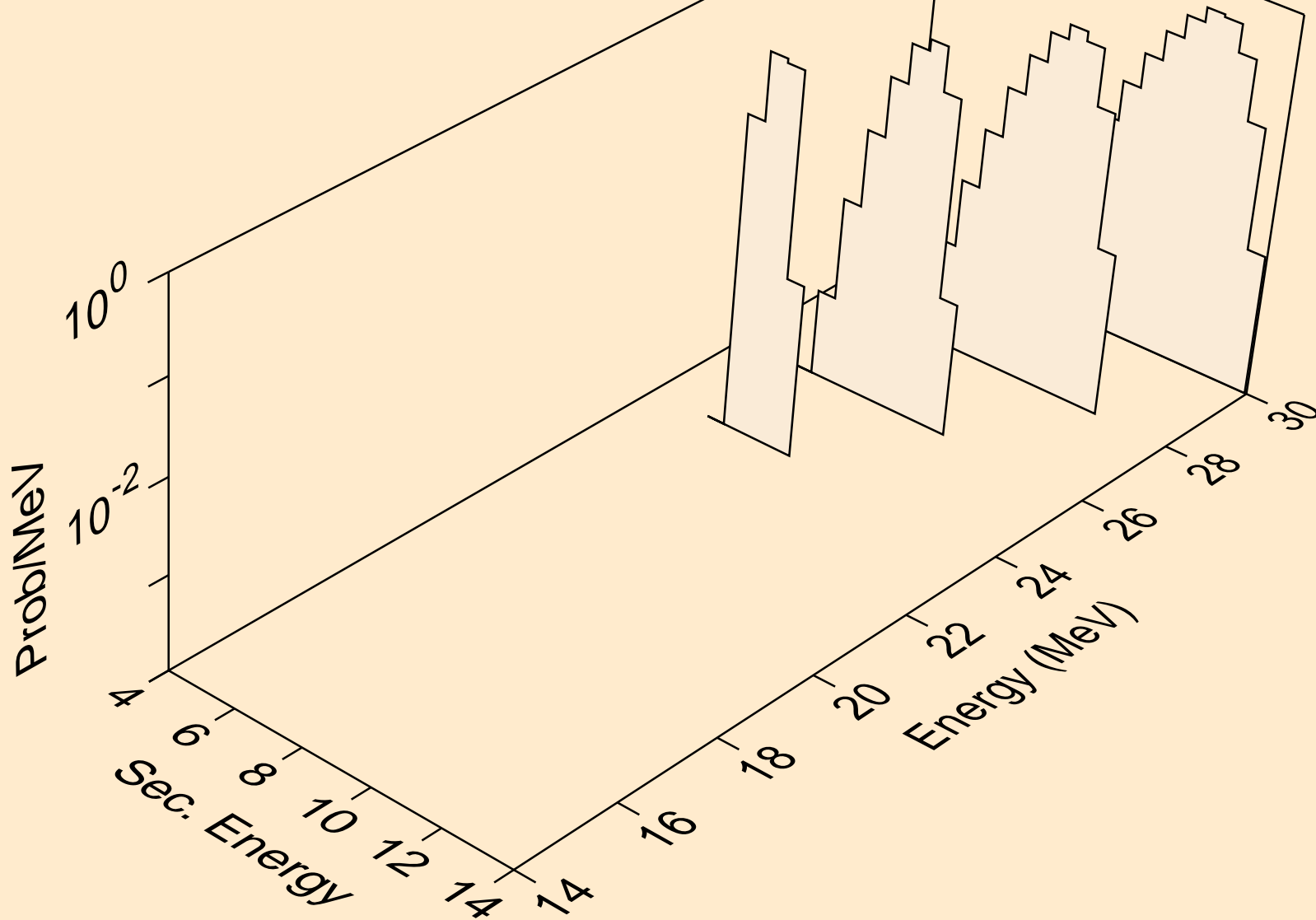
PT190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Alpha emission for (a,x)



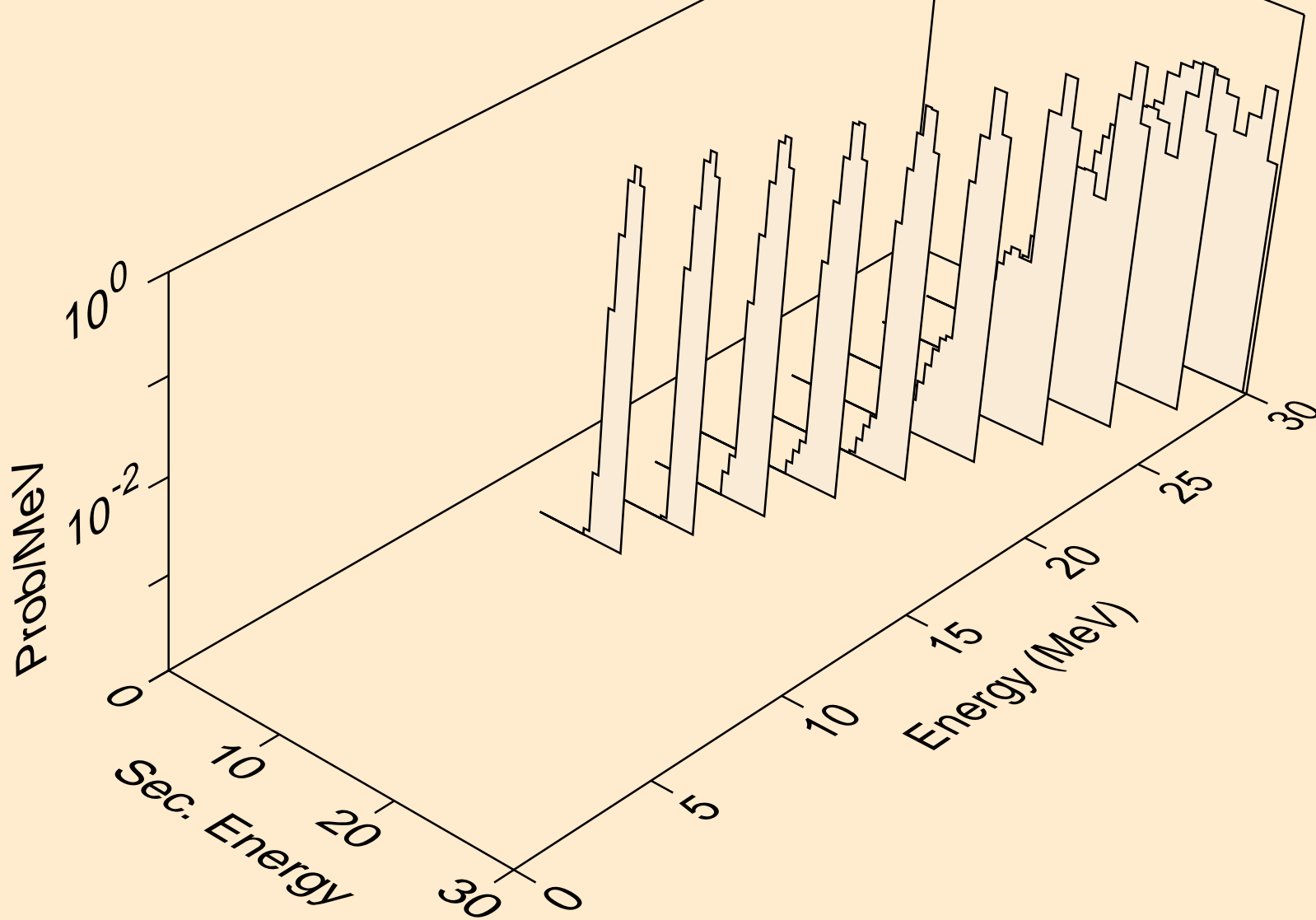
PT190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Alpha emission for (a,n*)a



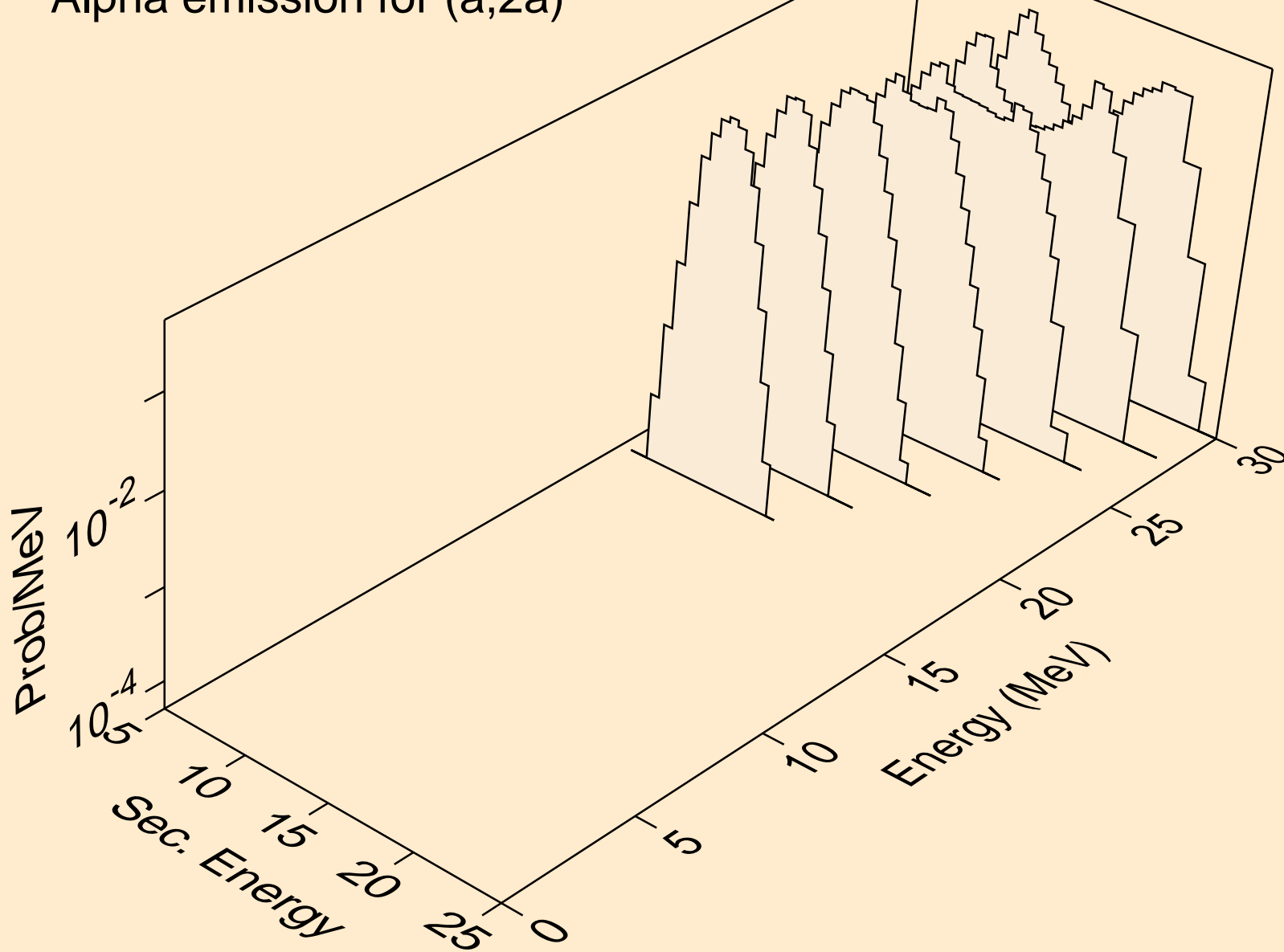
PT190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Alpha emission for (a,2n)a



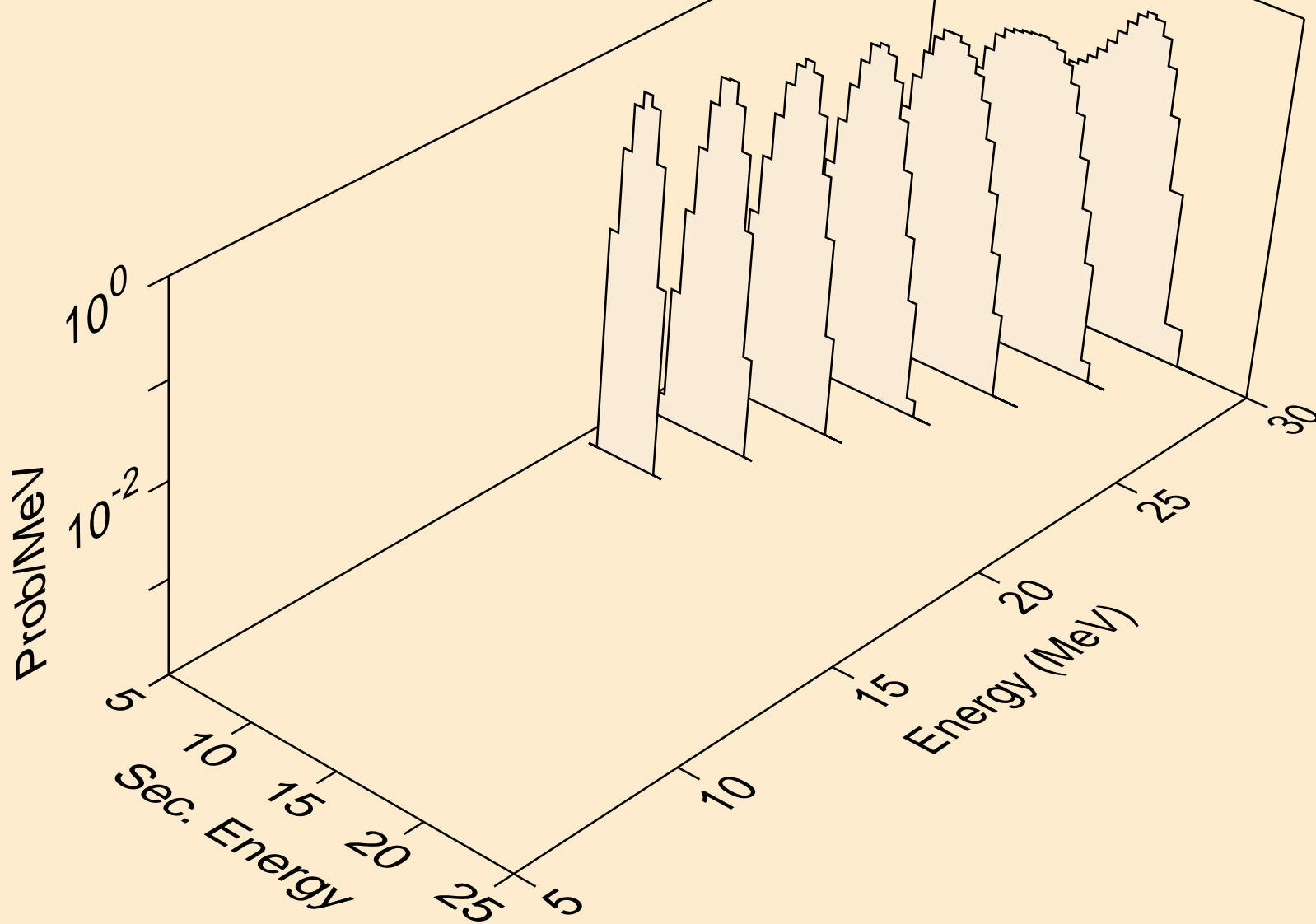
PT190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Alpha emission for inelastic



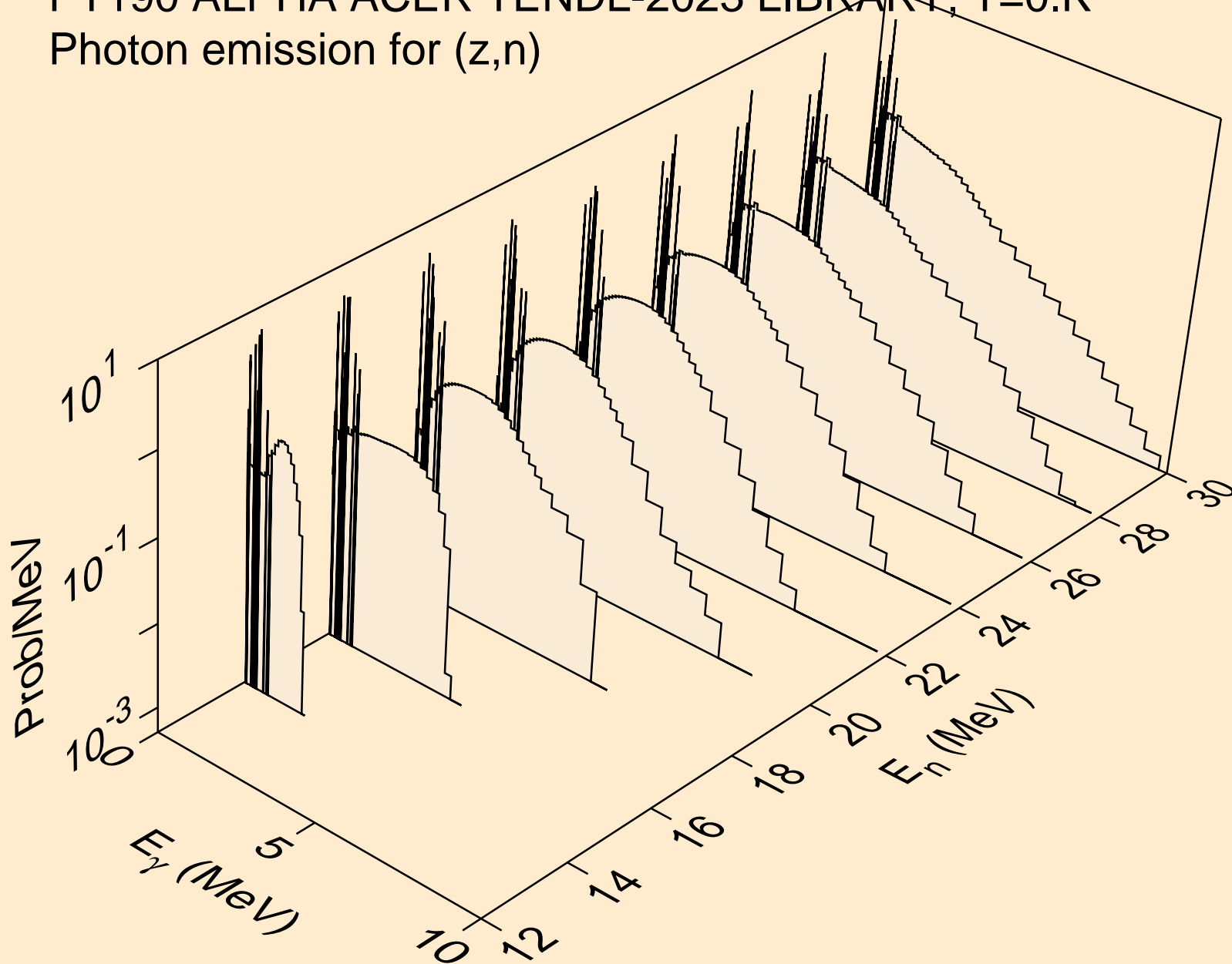
PT190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Alpha emission for (a,2a)



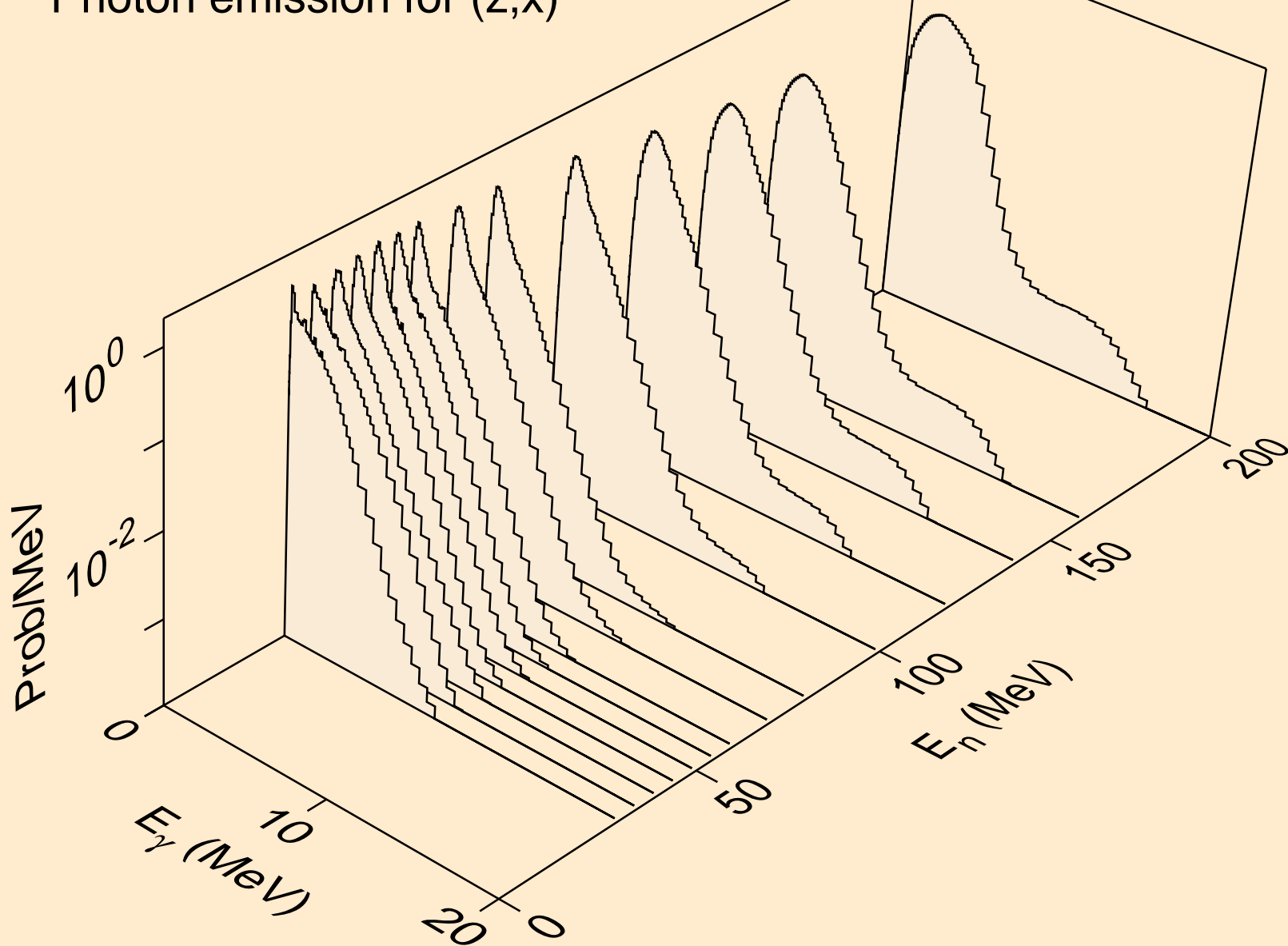
PT190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Alpha emission for (a,pa)



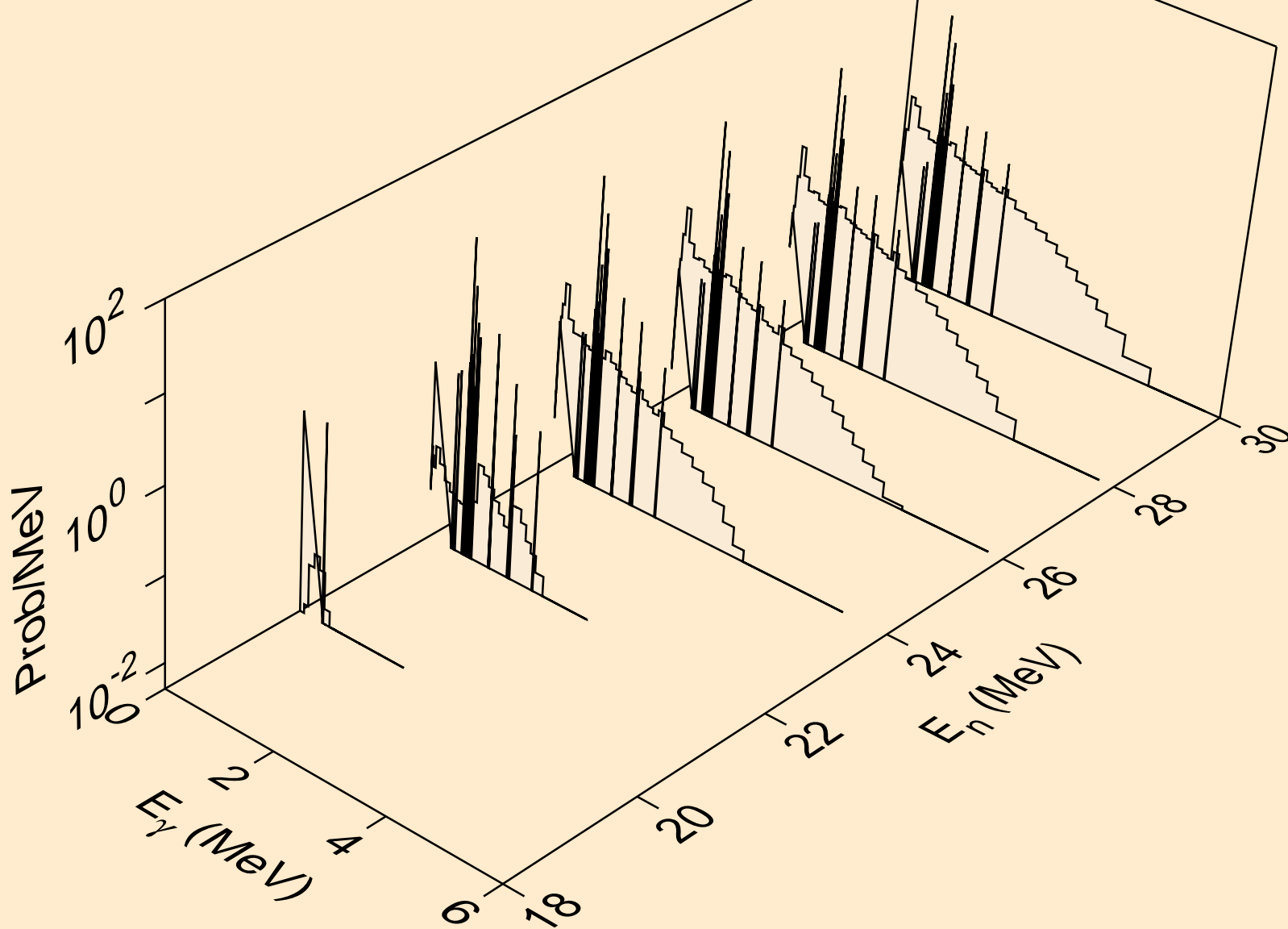
PT190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (z,n)



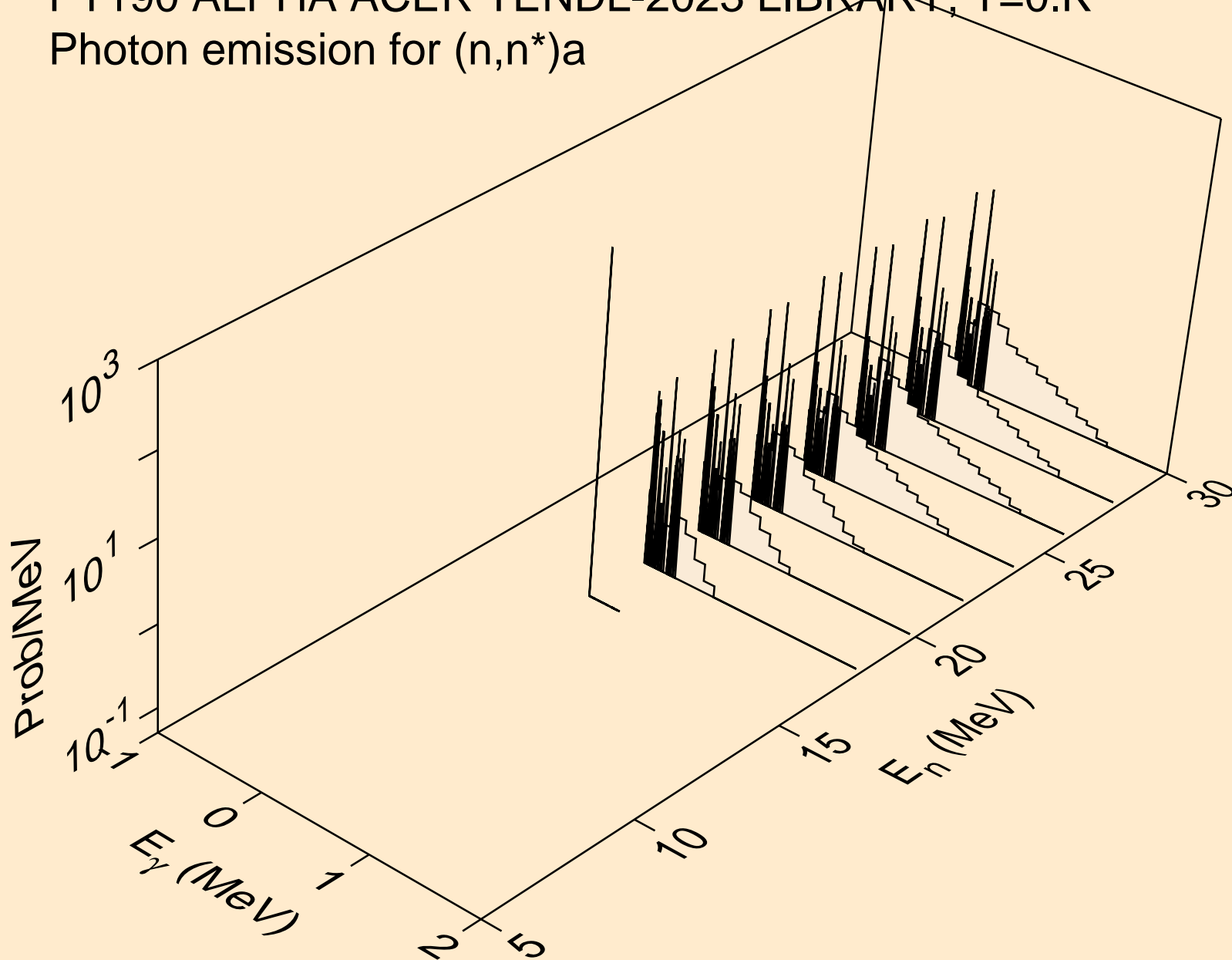
PT190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (z,x)



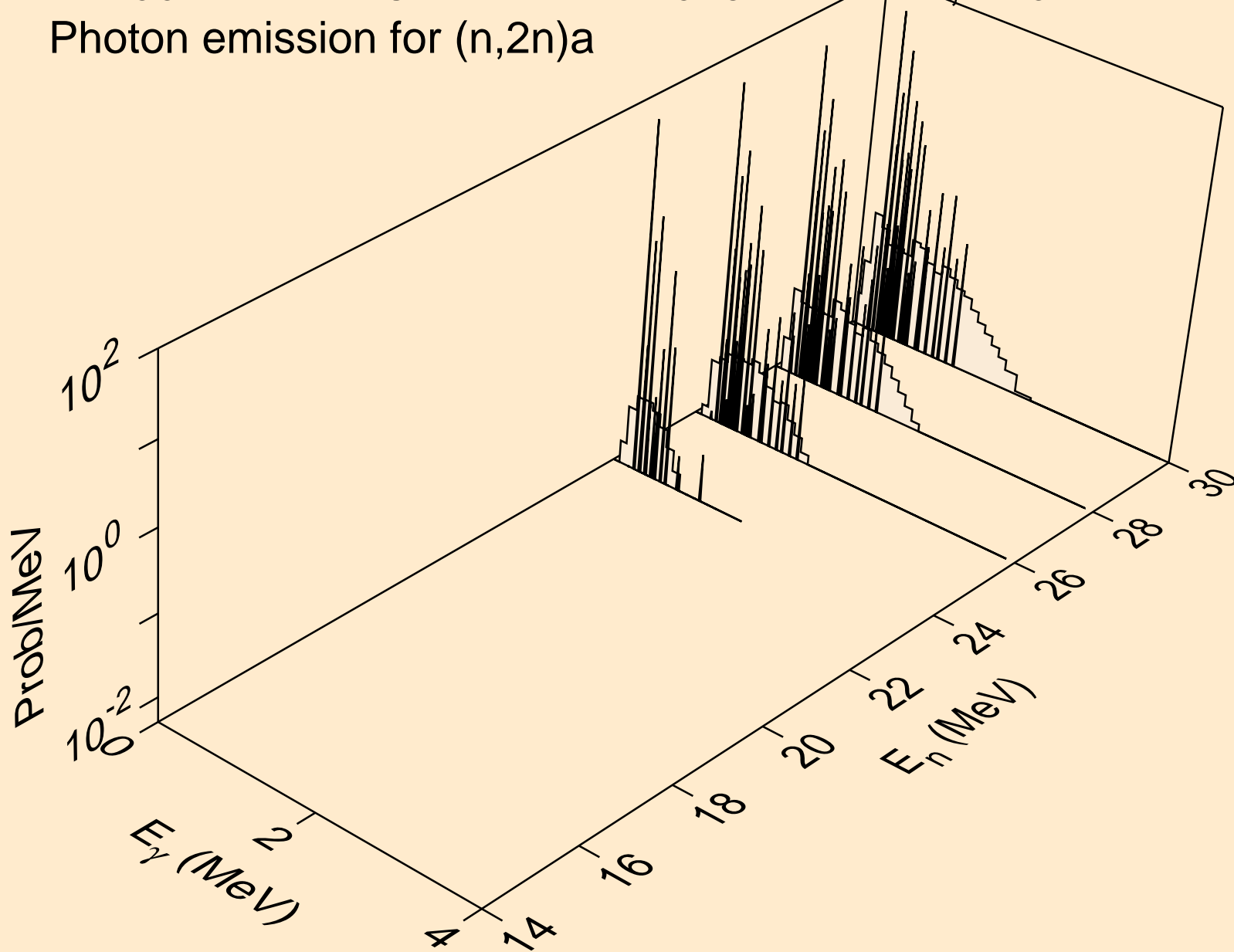
PT190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)



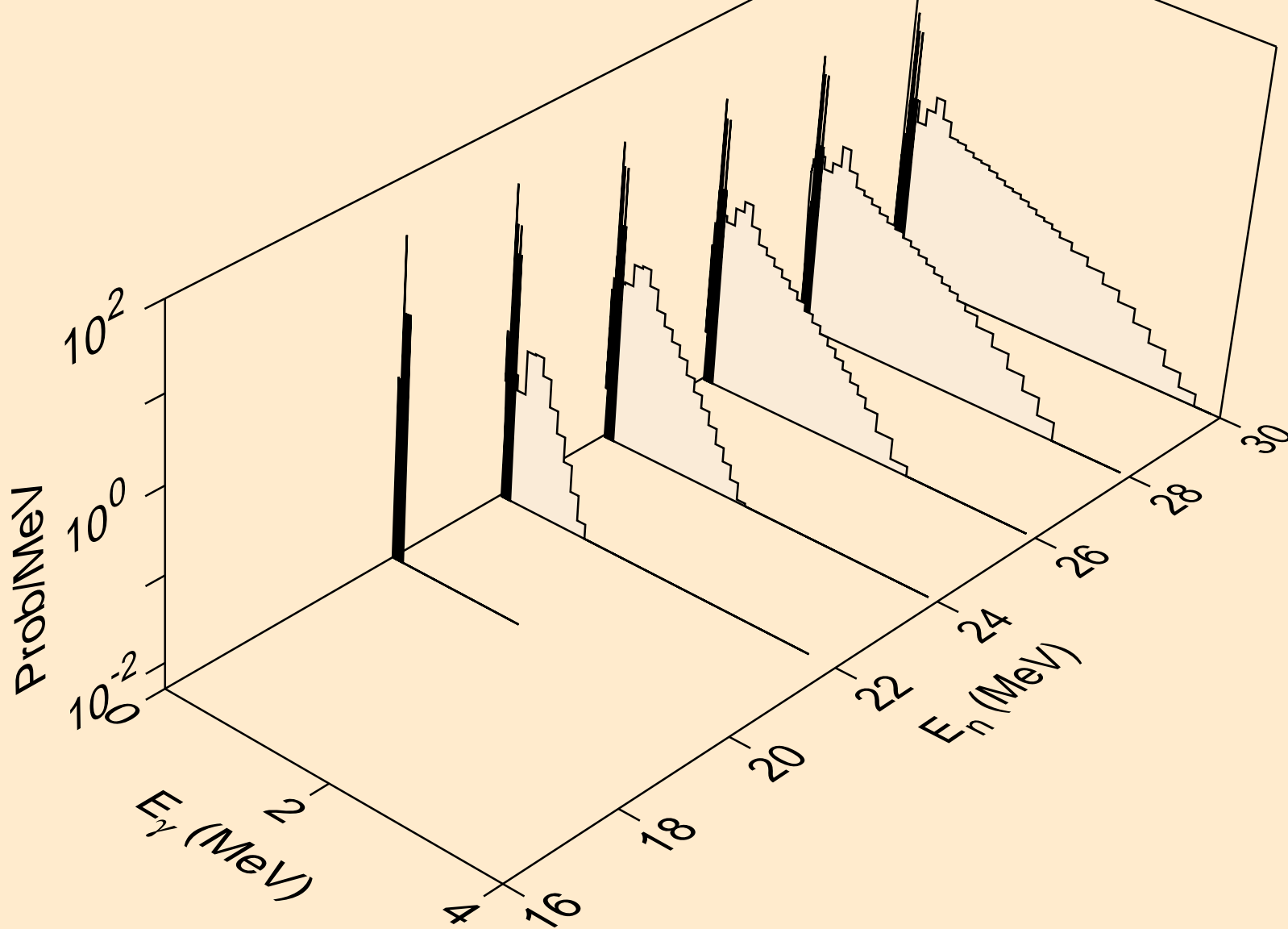
PT190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)a



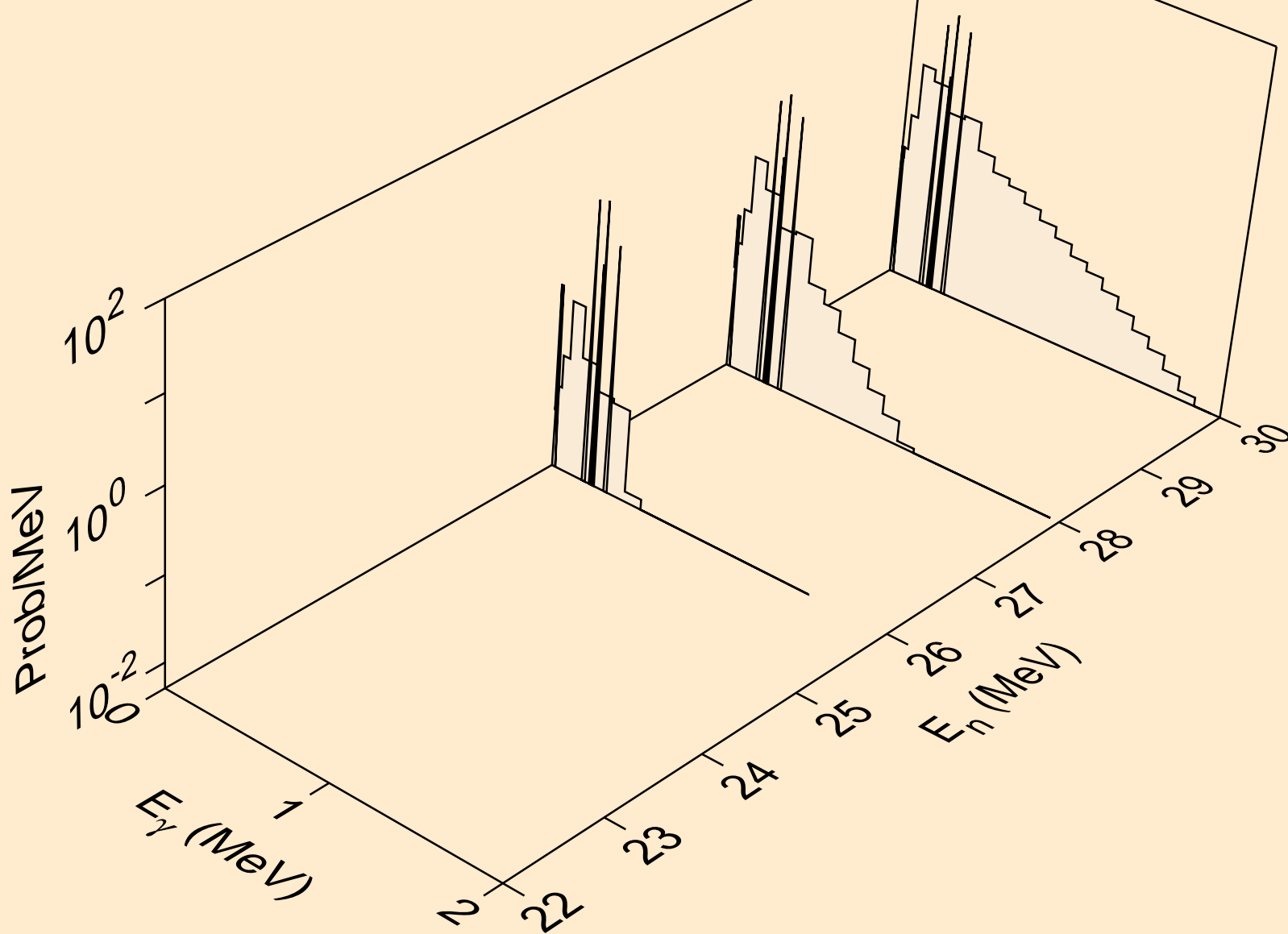
PT190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)a



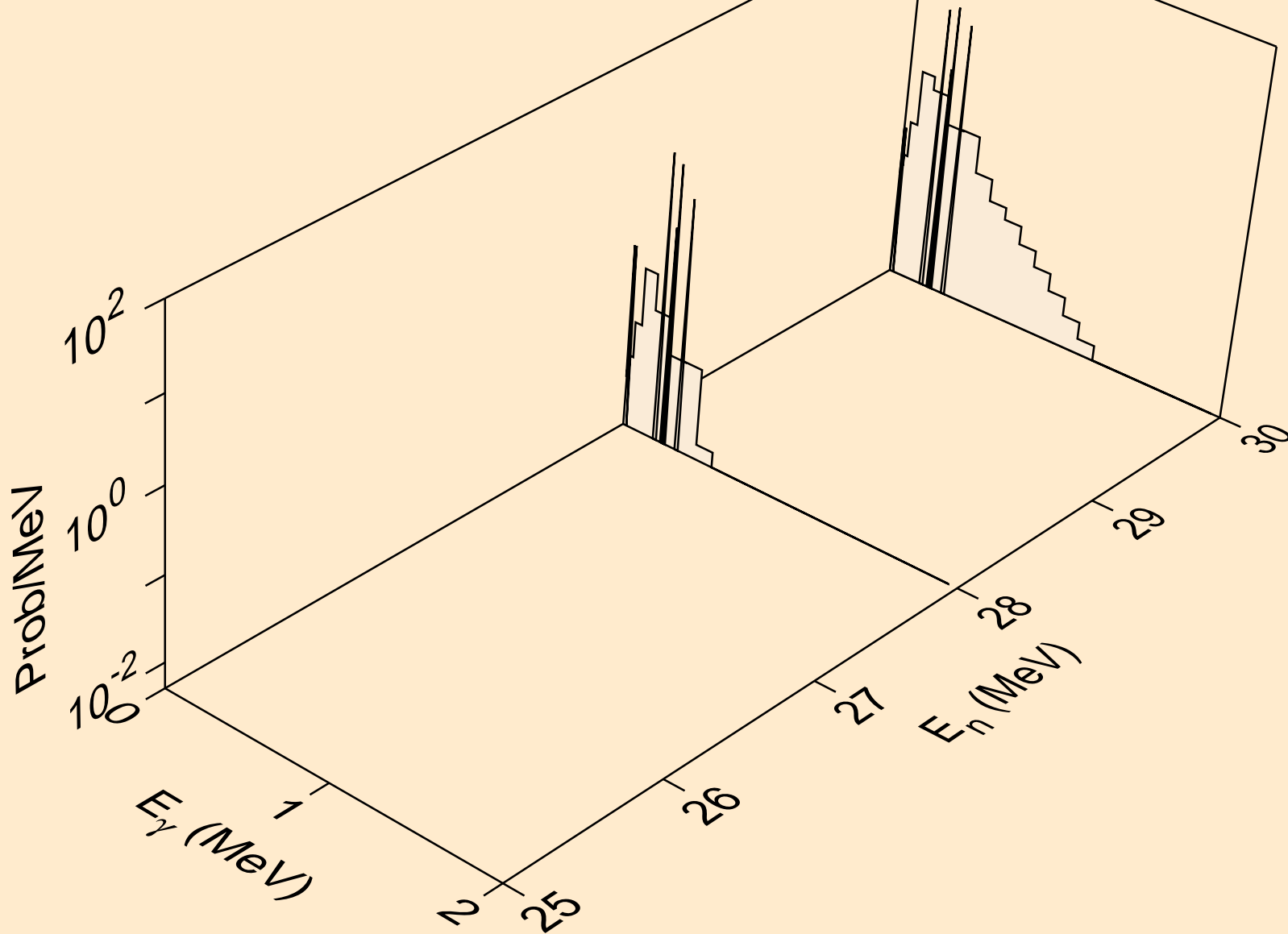
PT190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)p



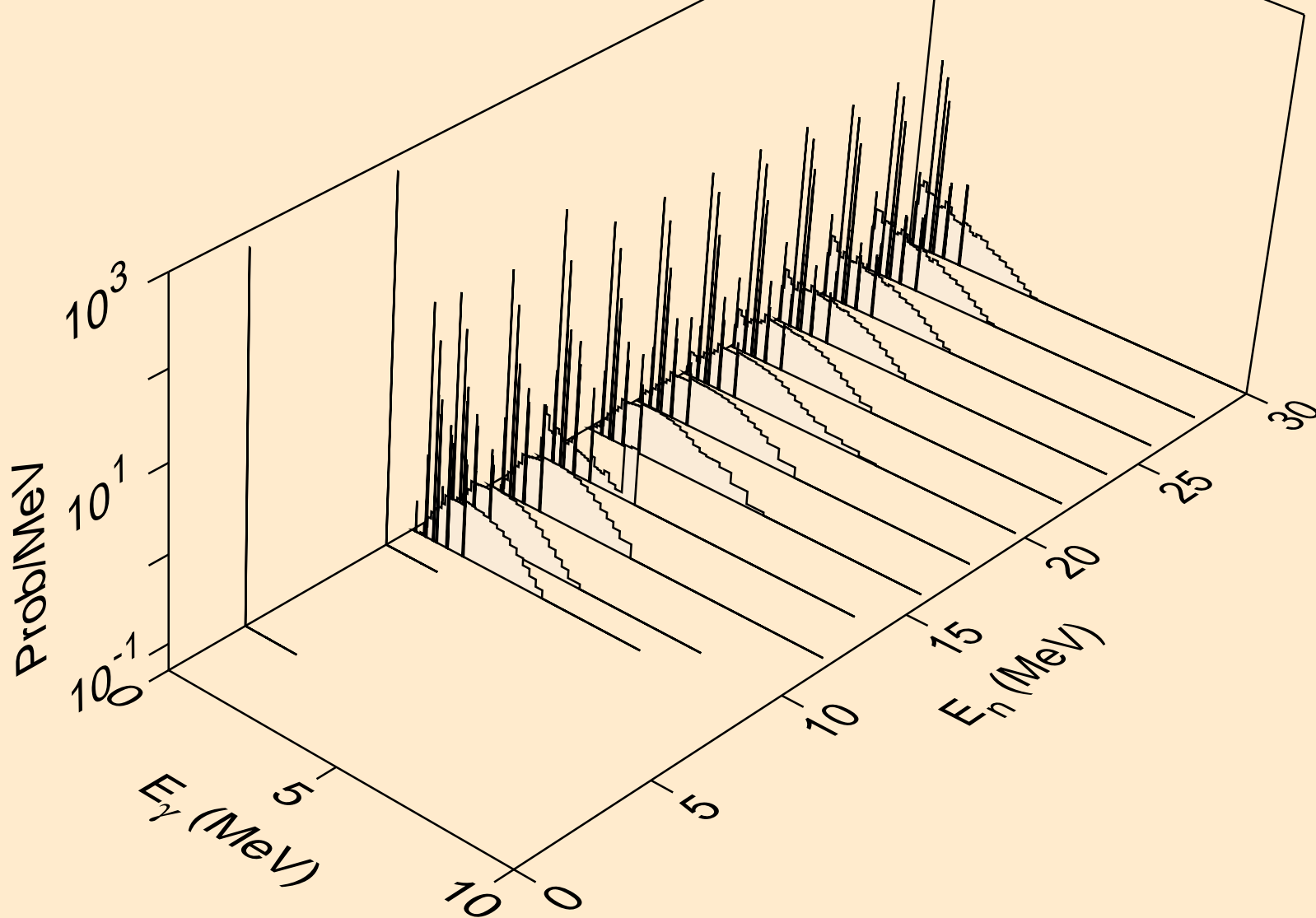
PT190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)d



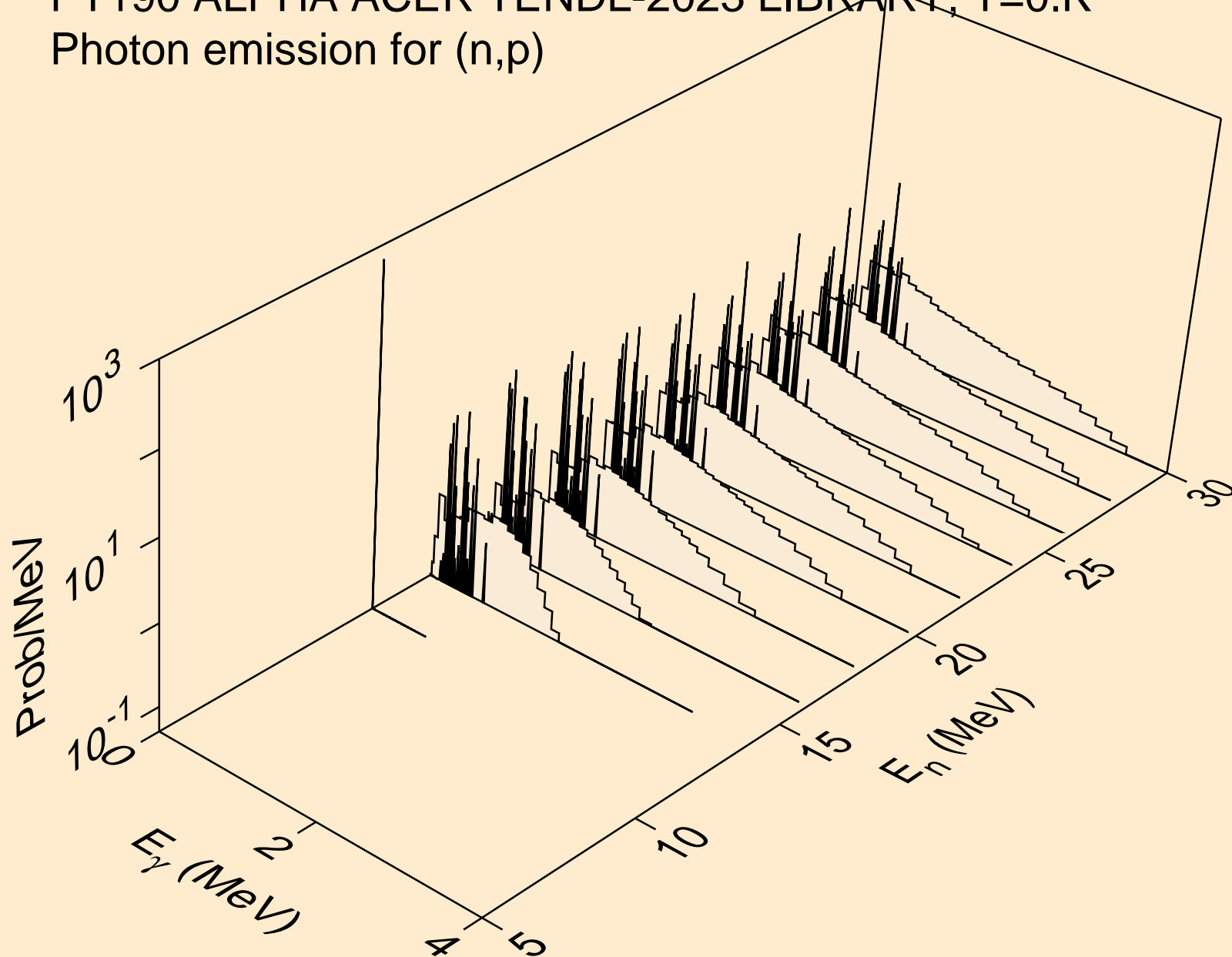
PT190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2np)



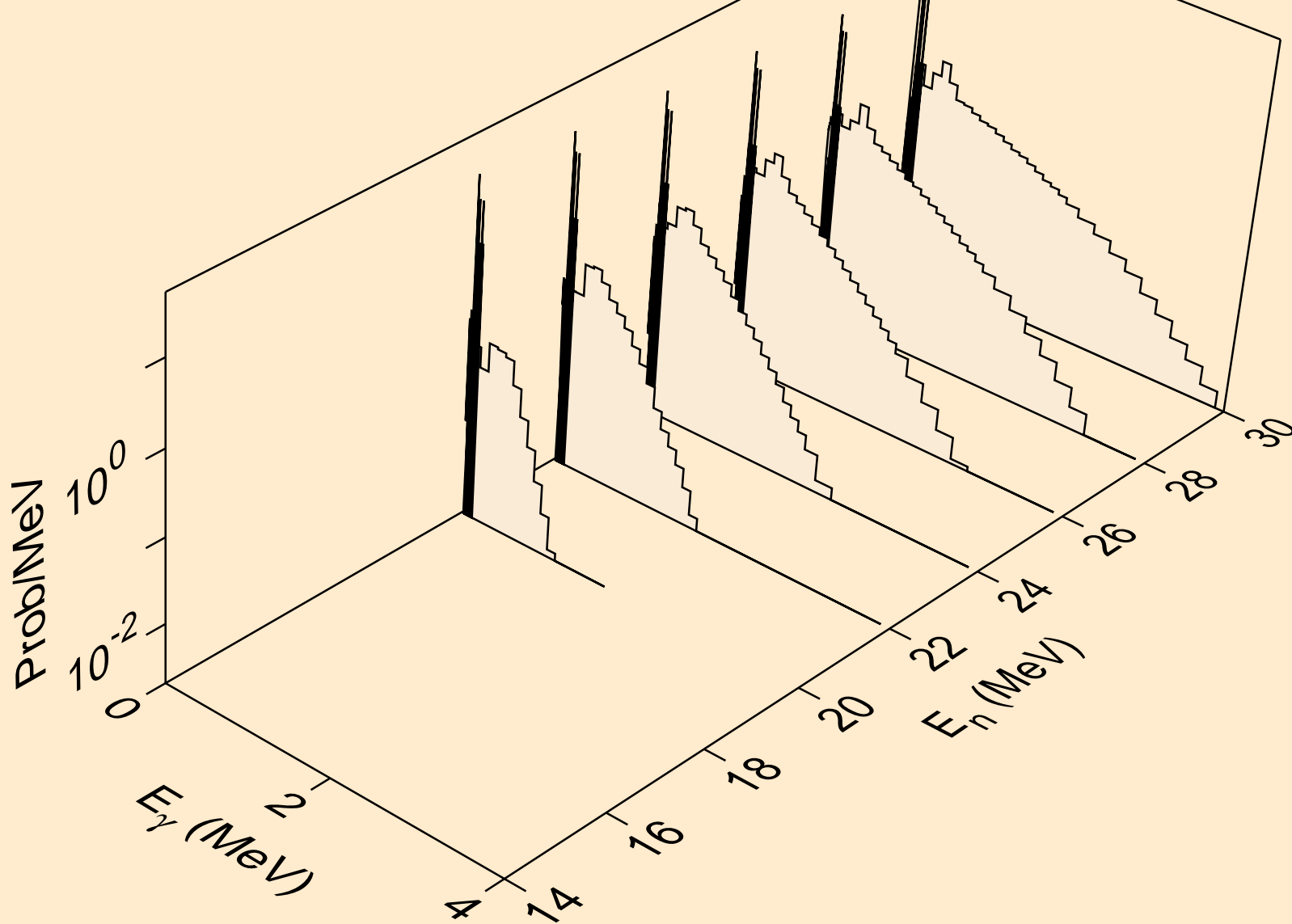
PT190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



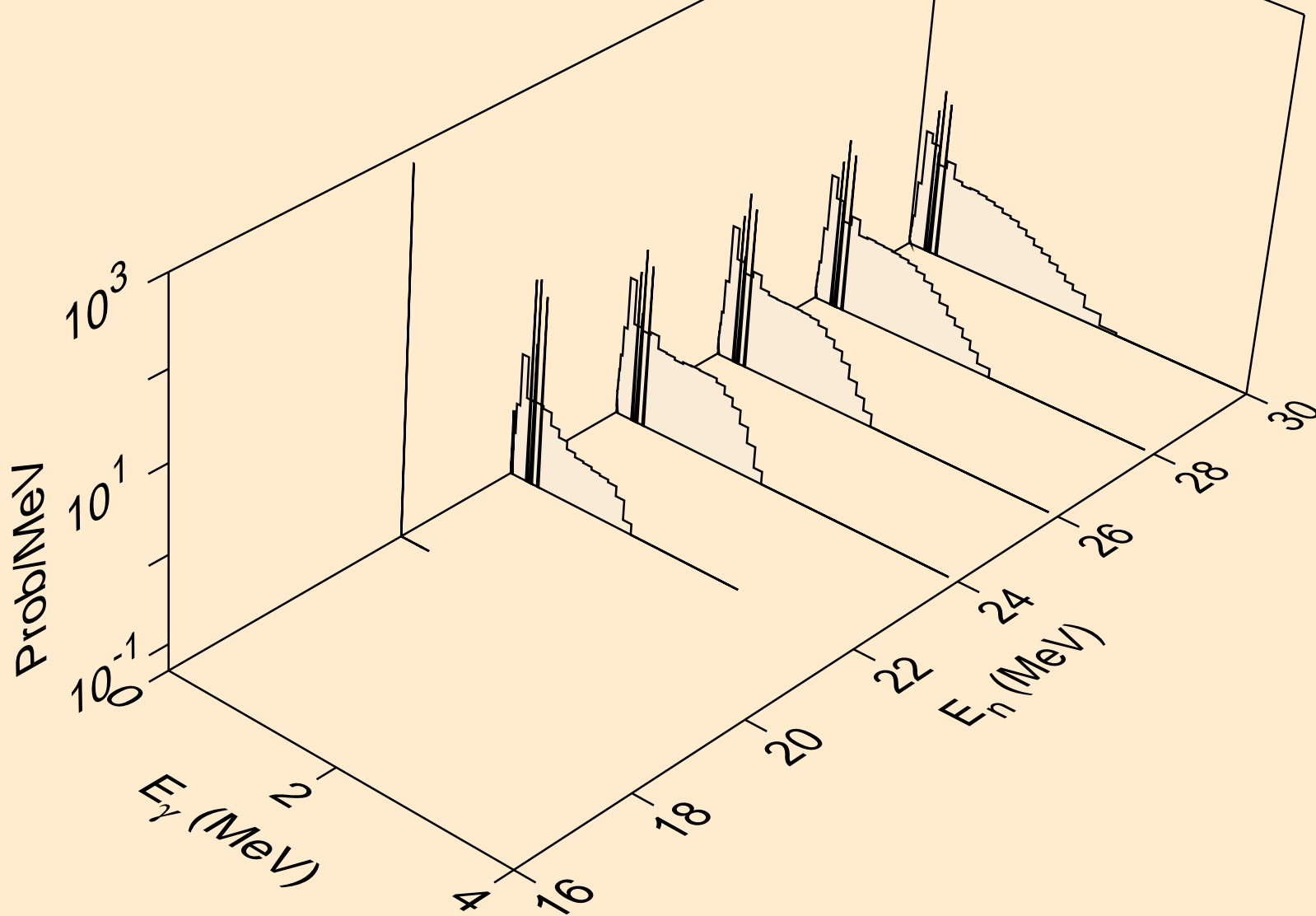
PT190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p)



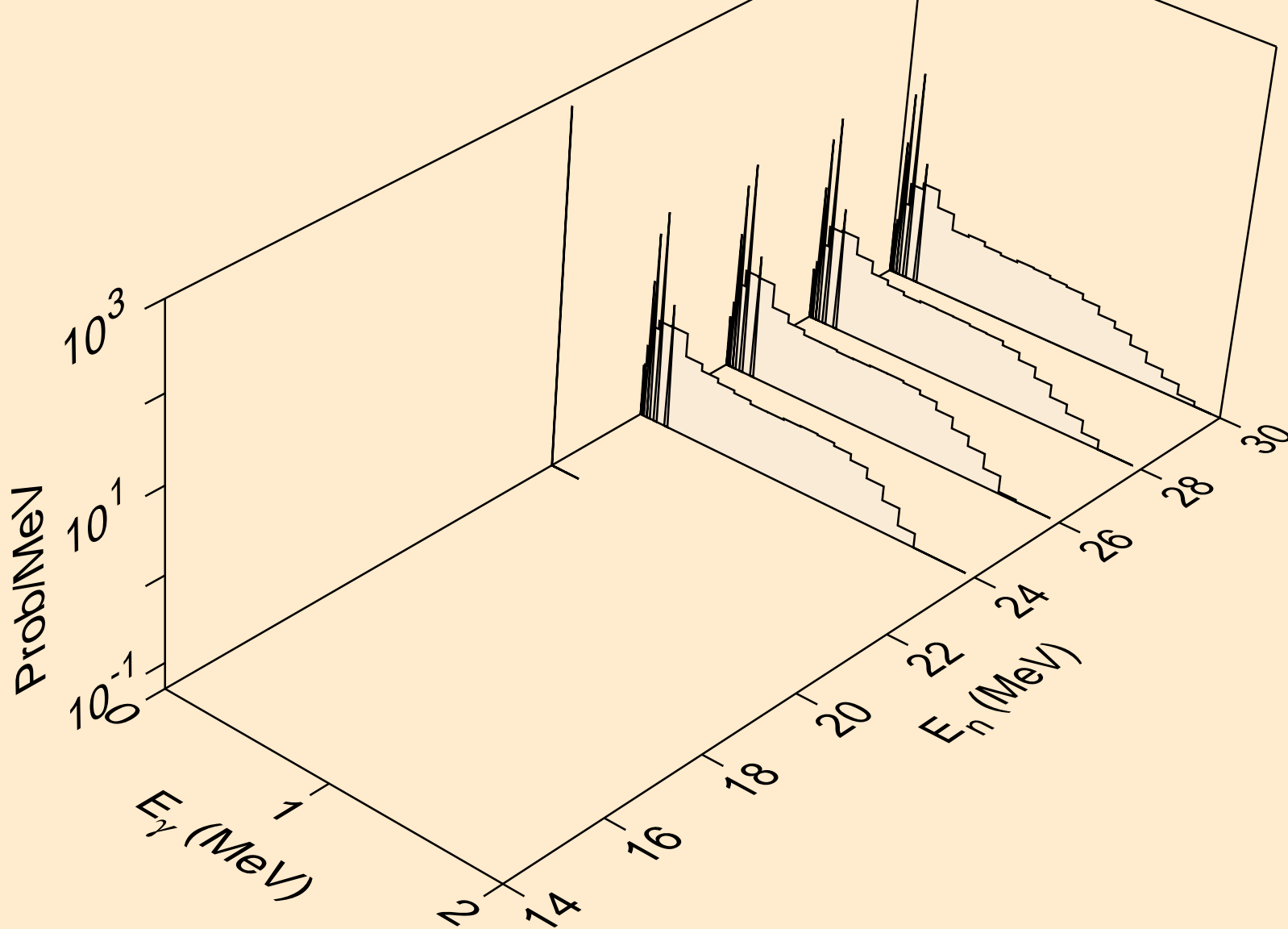
PT190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)



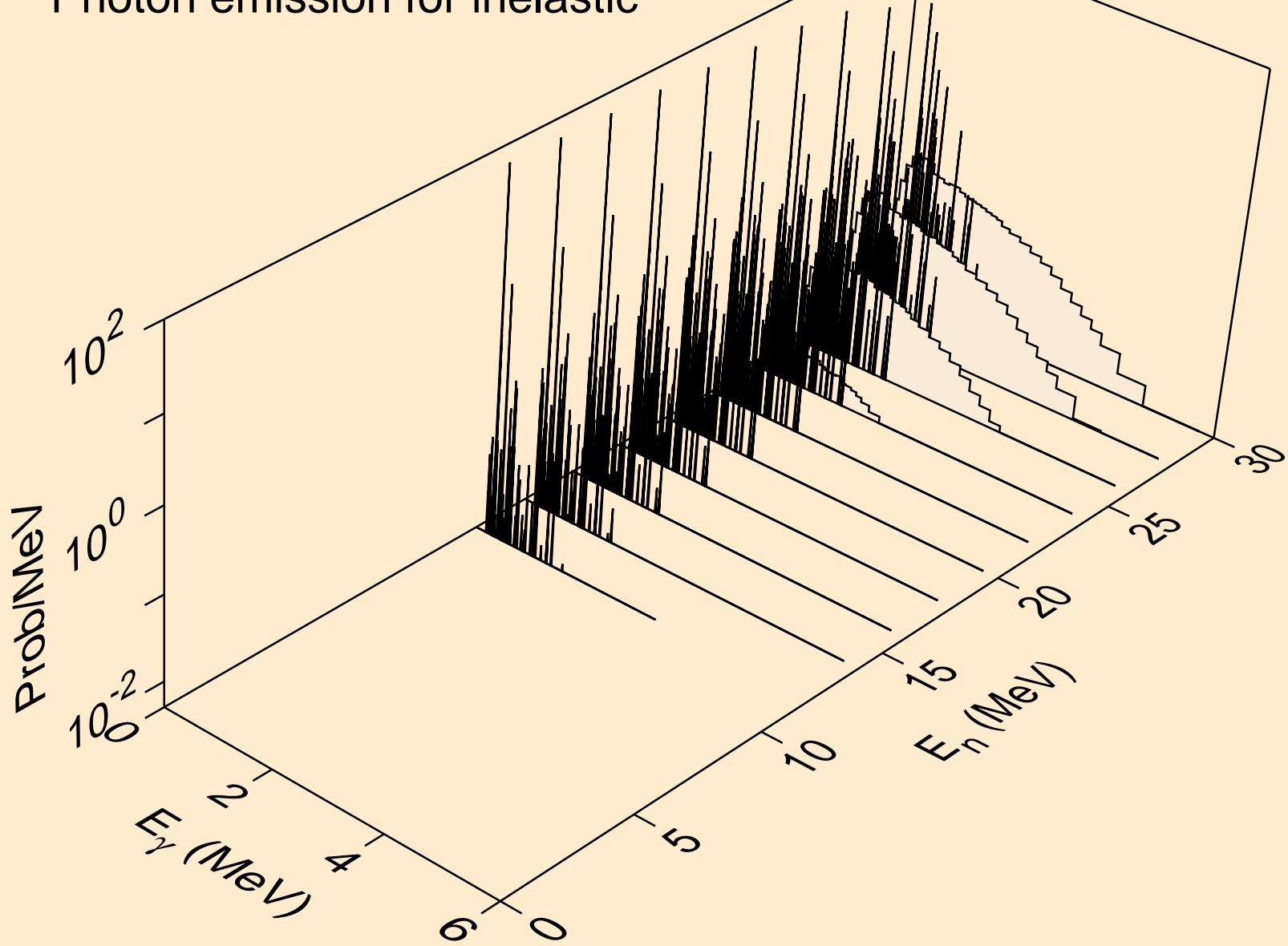
PT190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)



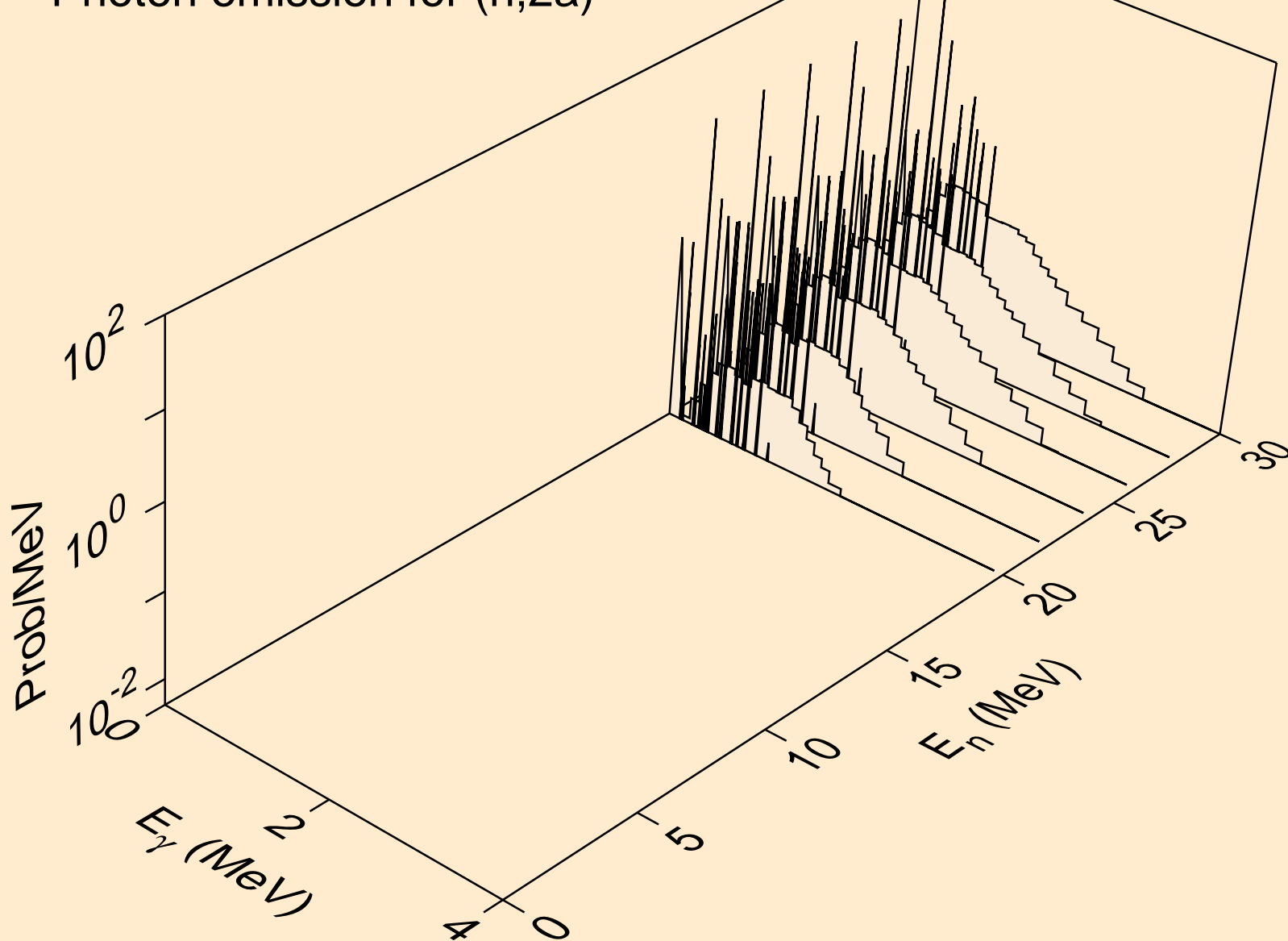
PT190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,he3)



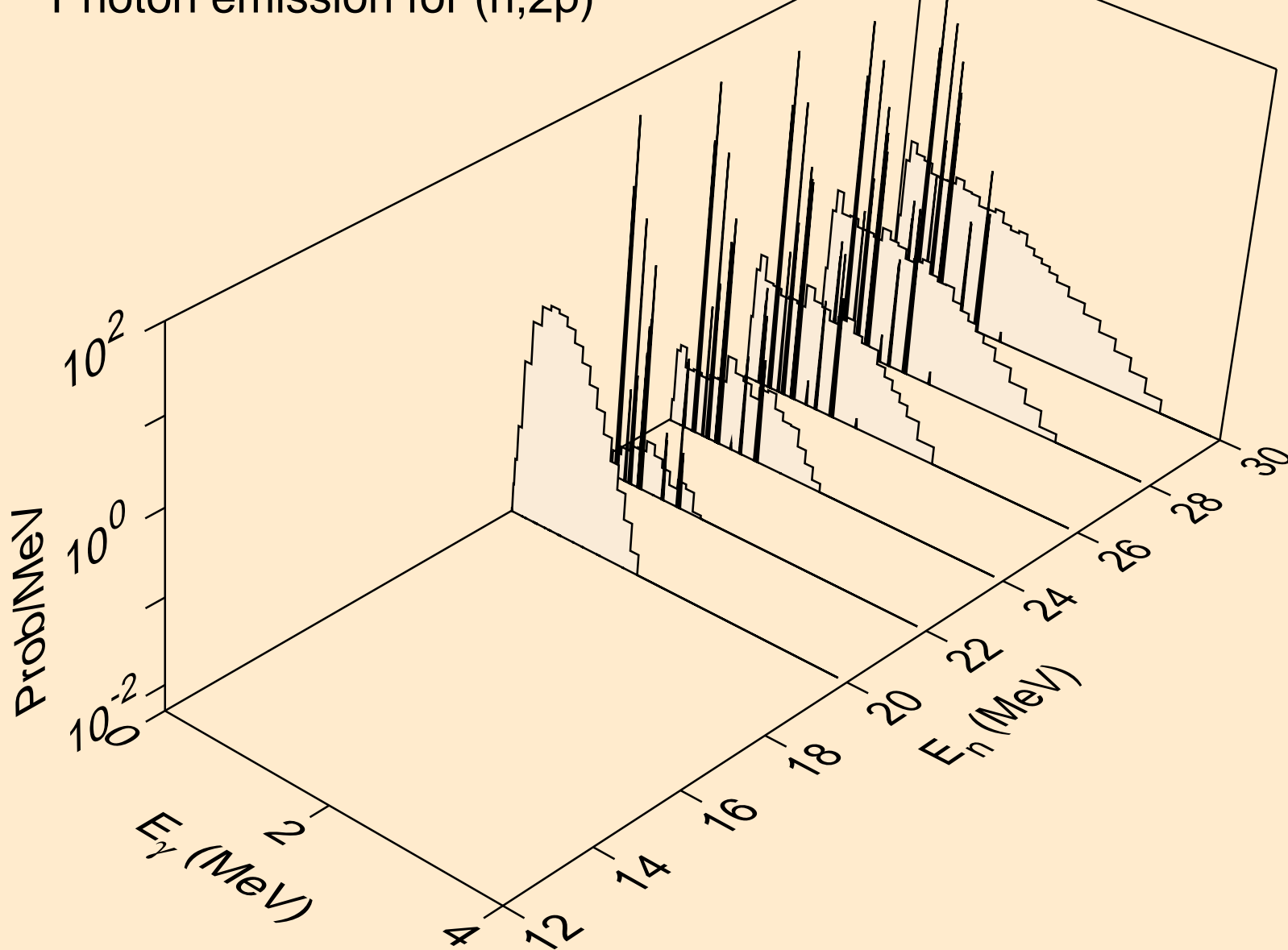
PT190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for inelastic



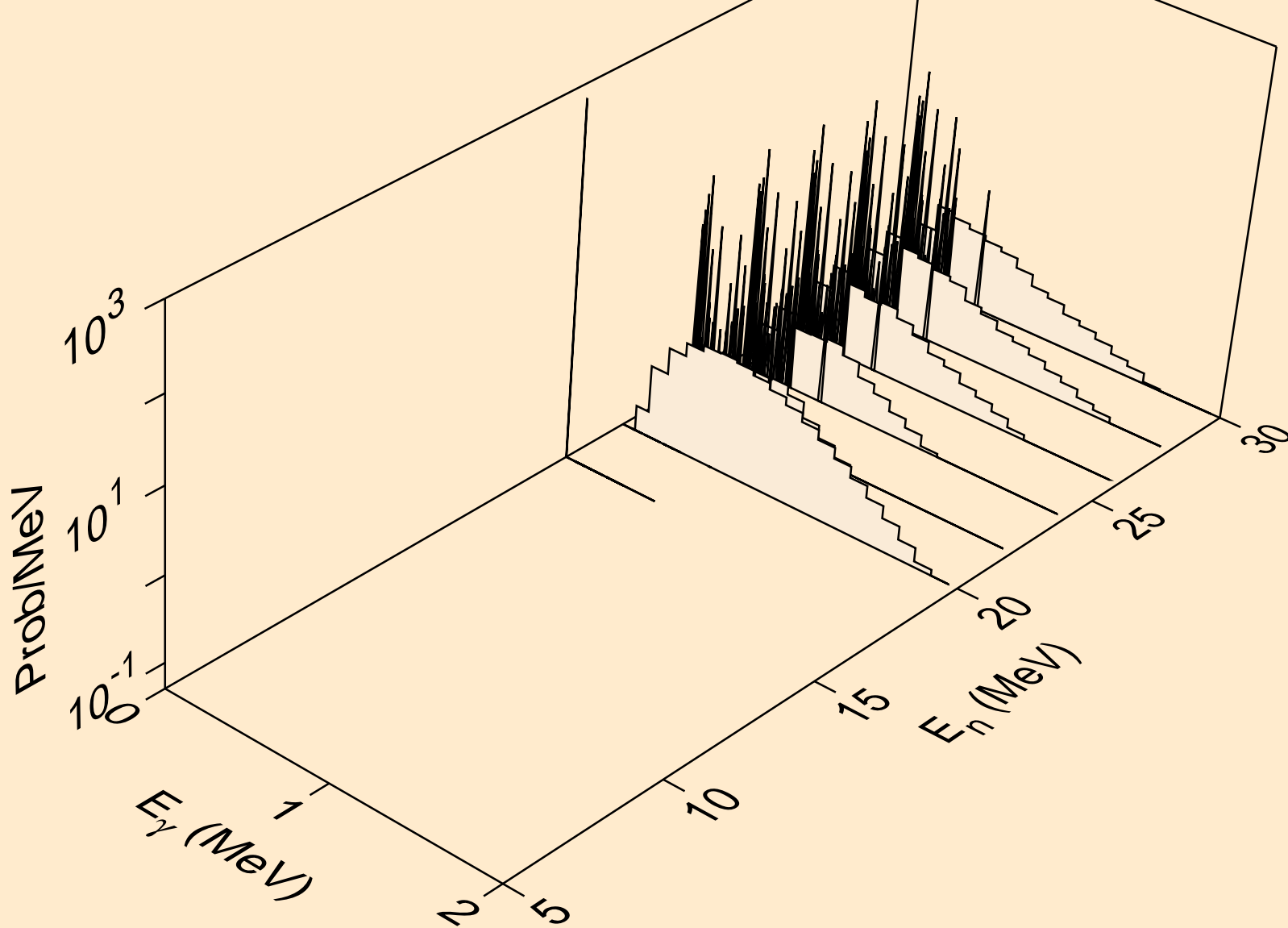
PT190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2a)



PT190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2p)

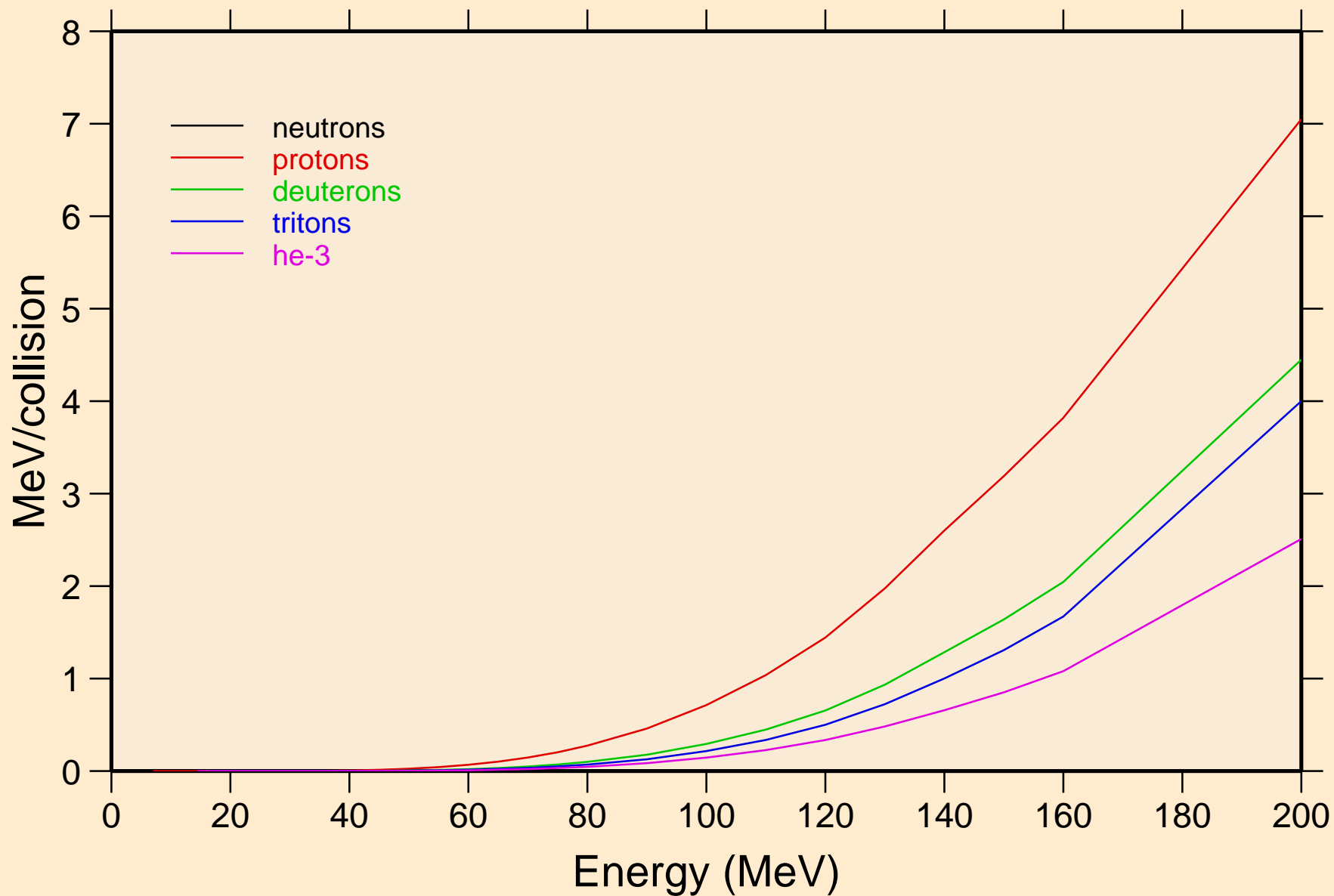


PT190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pa)

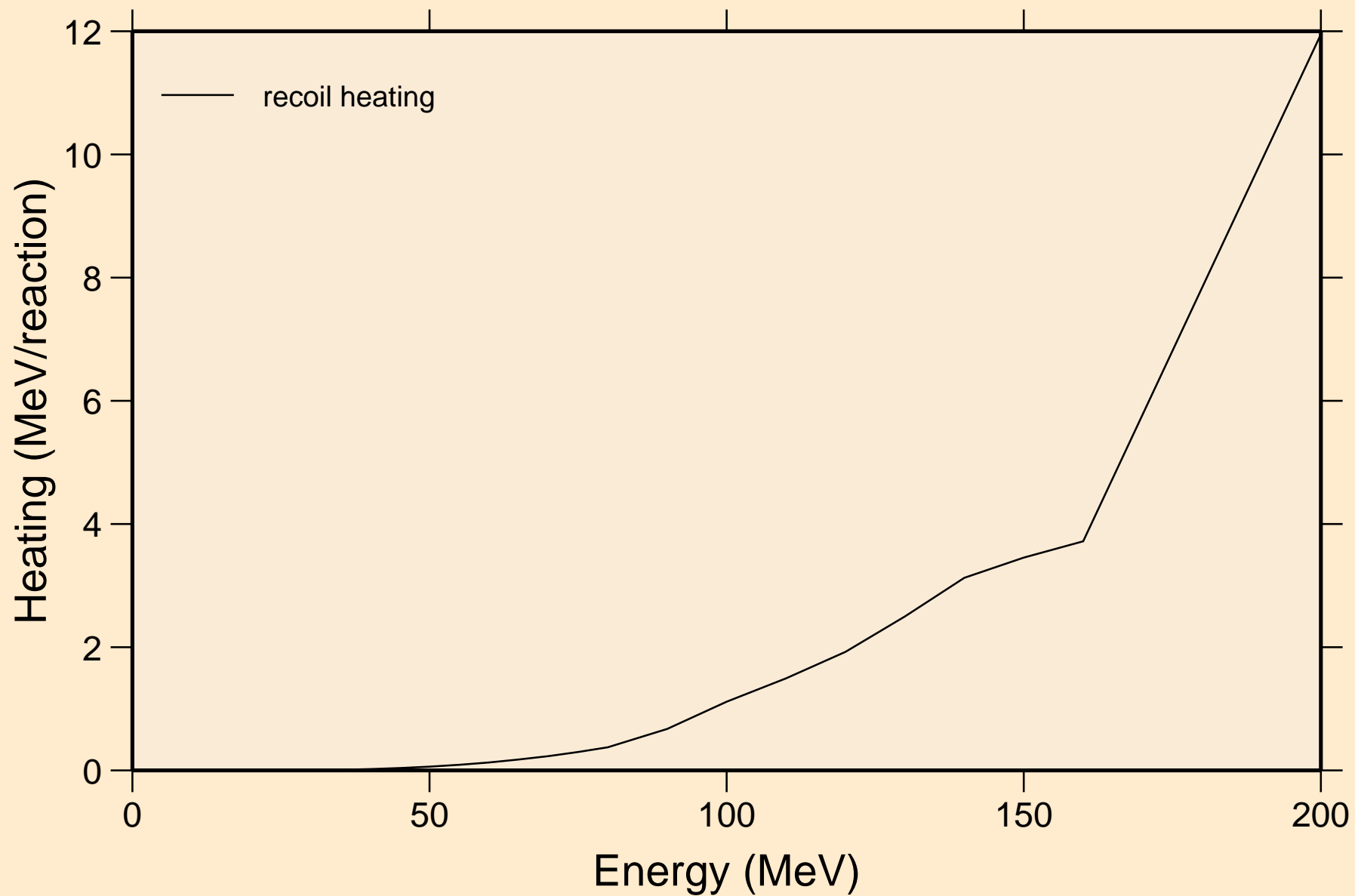


PT190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Particle heating contributions

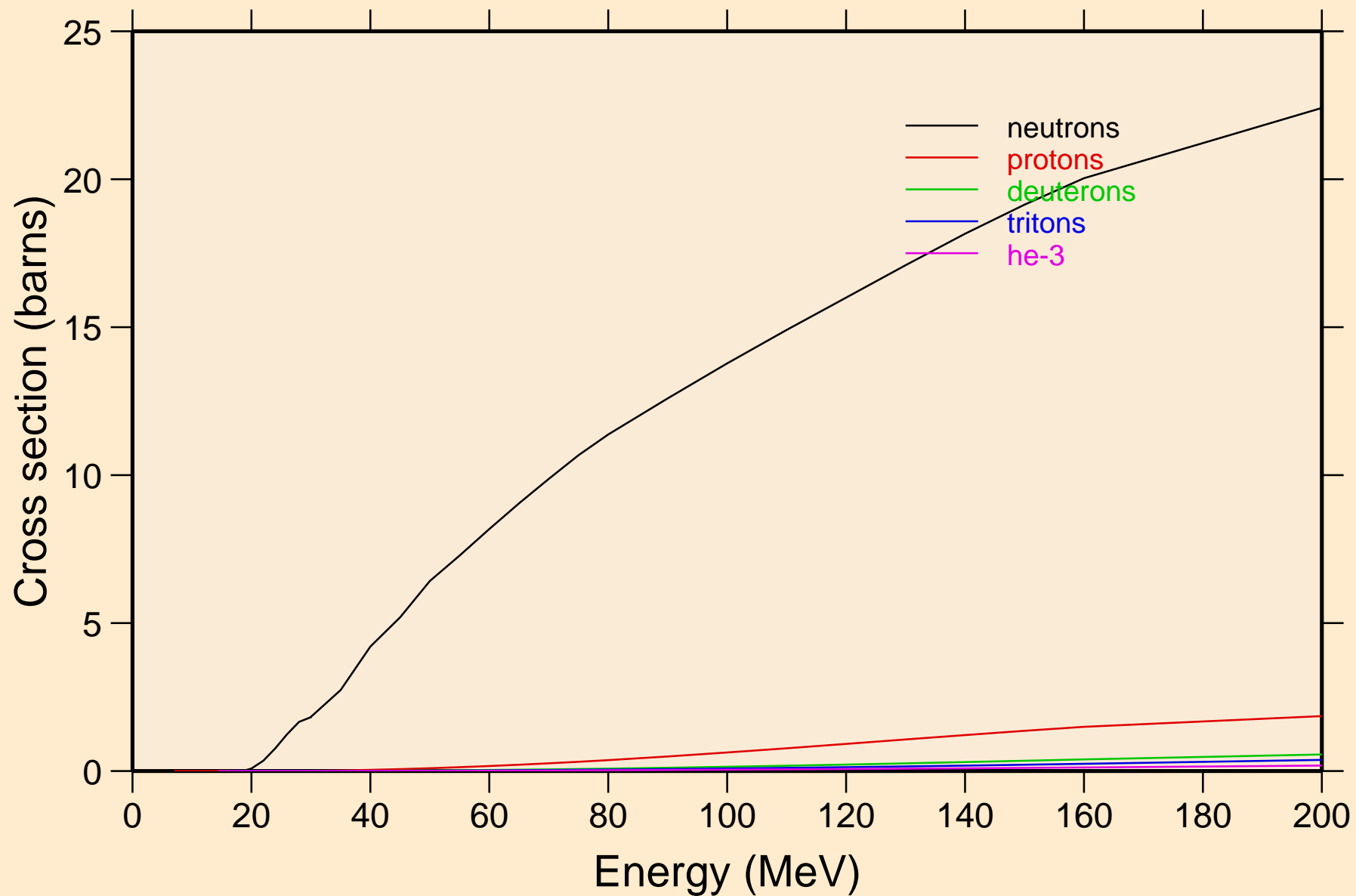


PT190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Recoil Heating

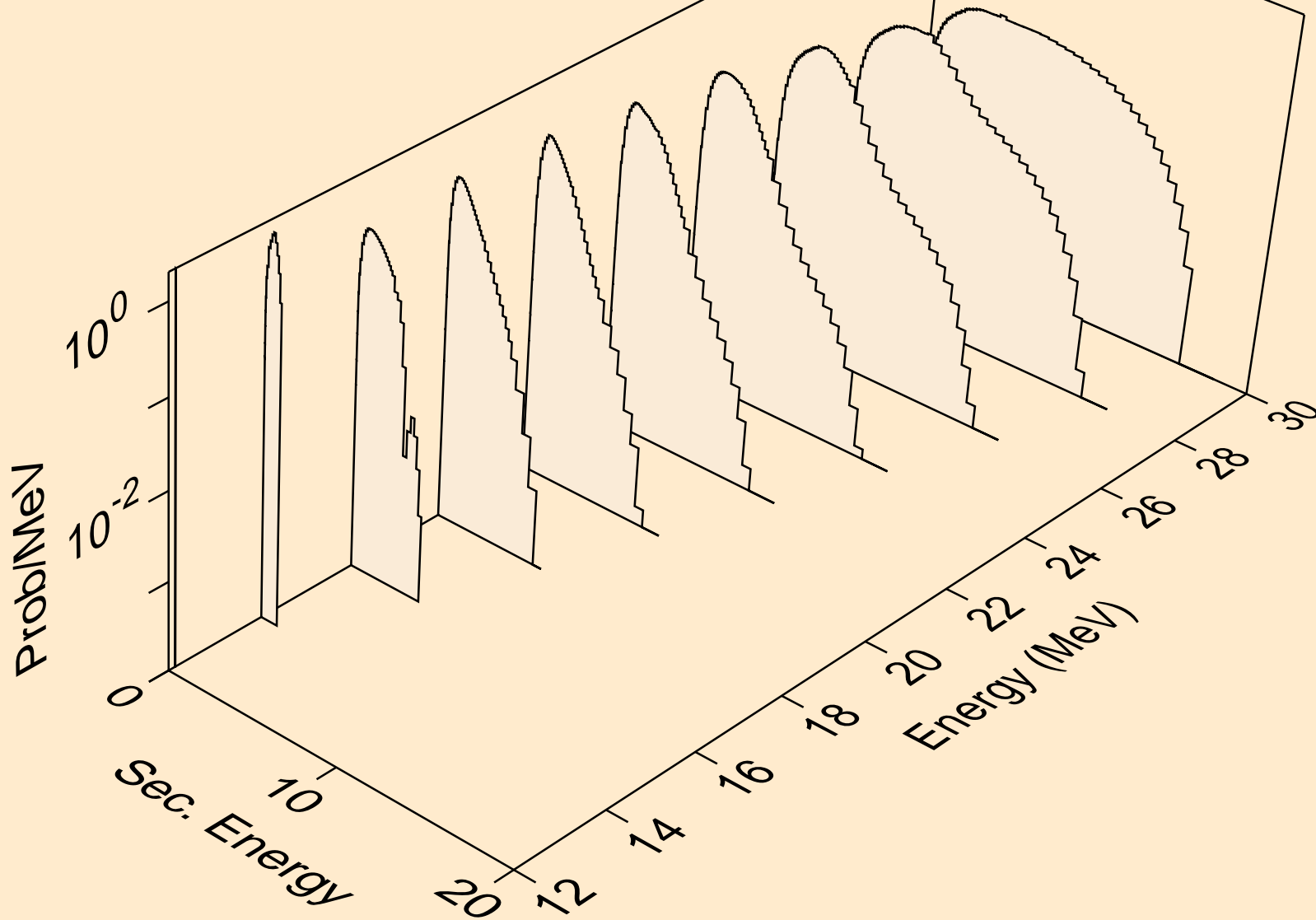


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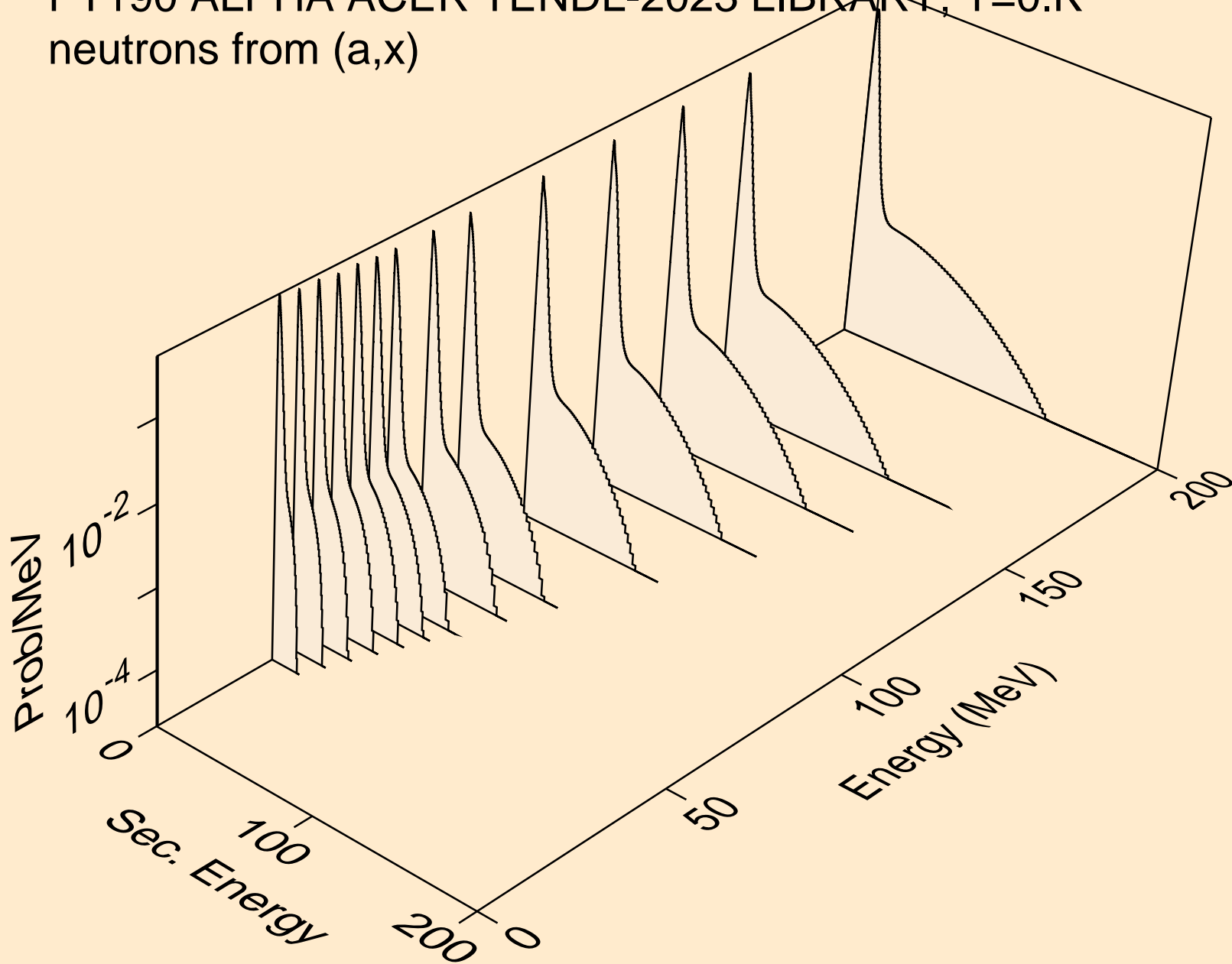
Particle production cross sections



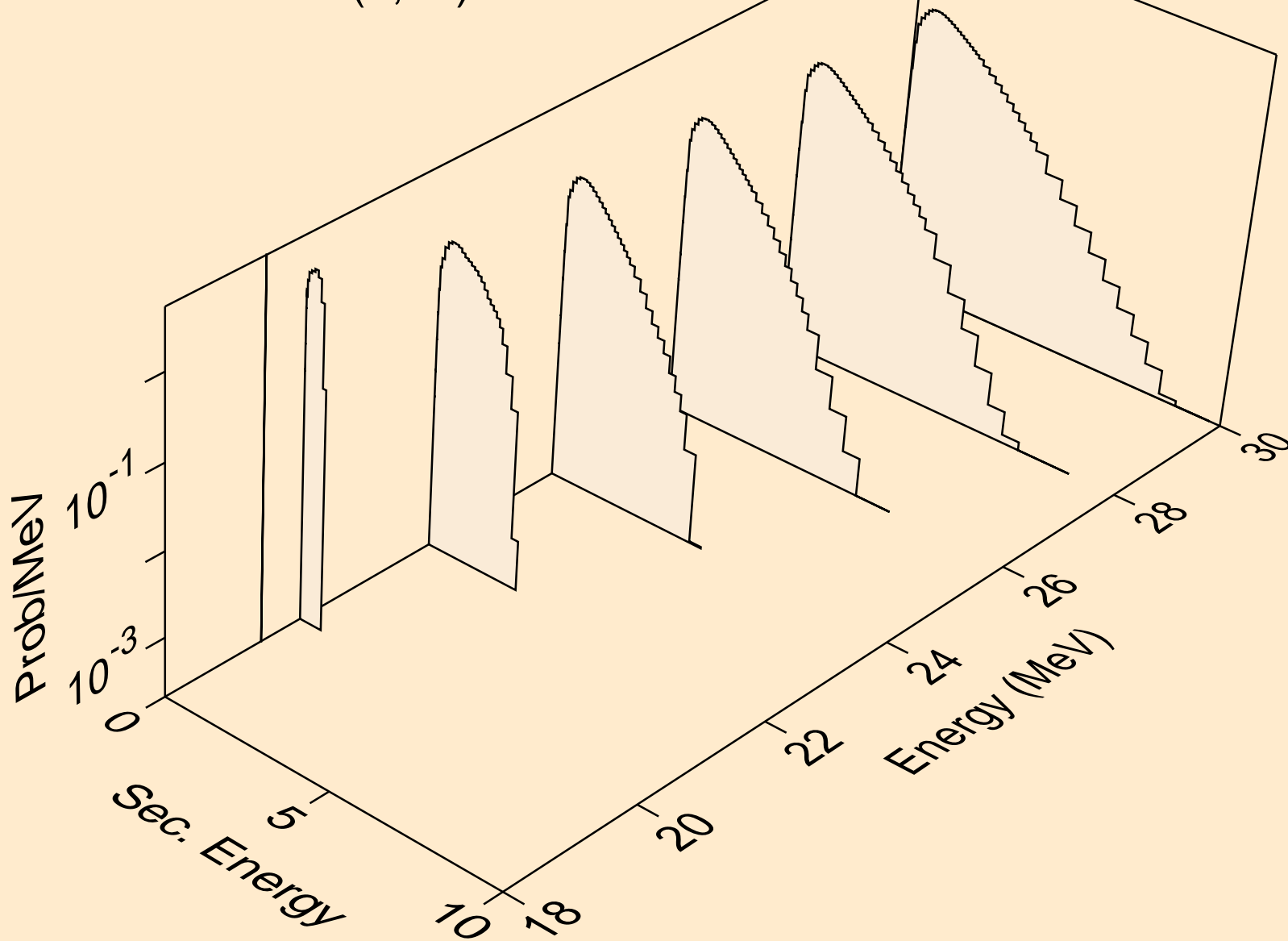
PT190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n)



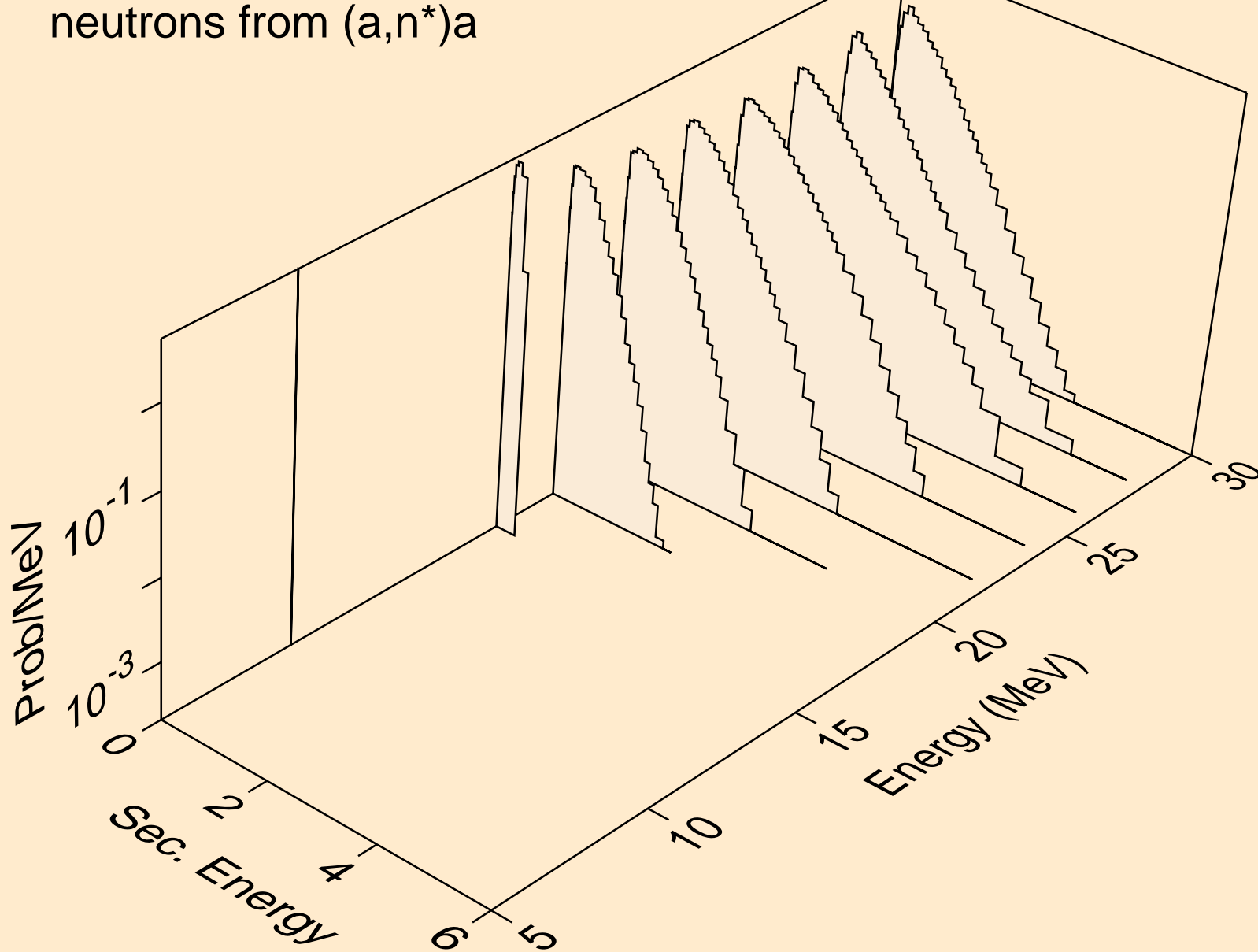
PT190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,x)



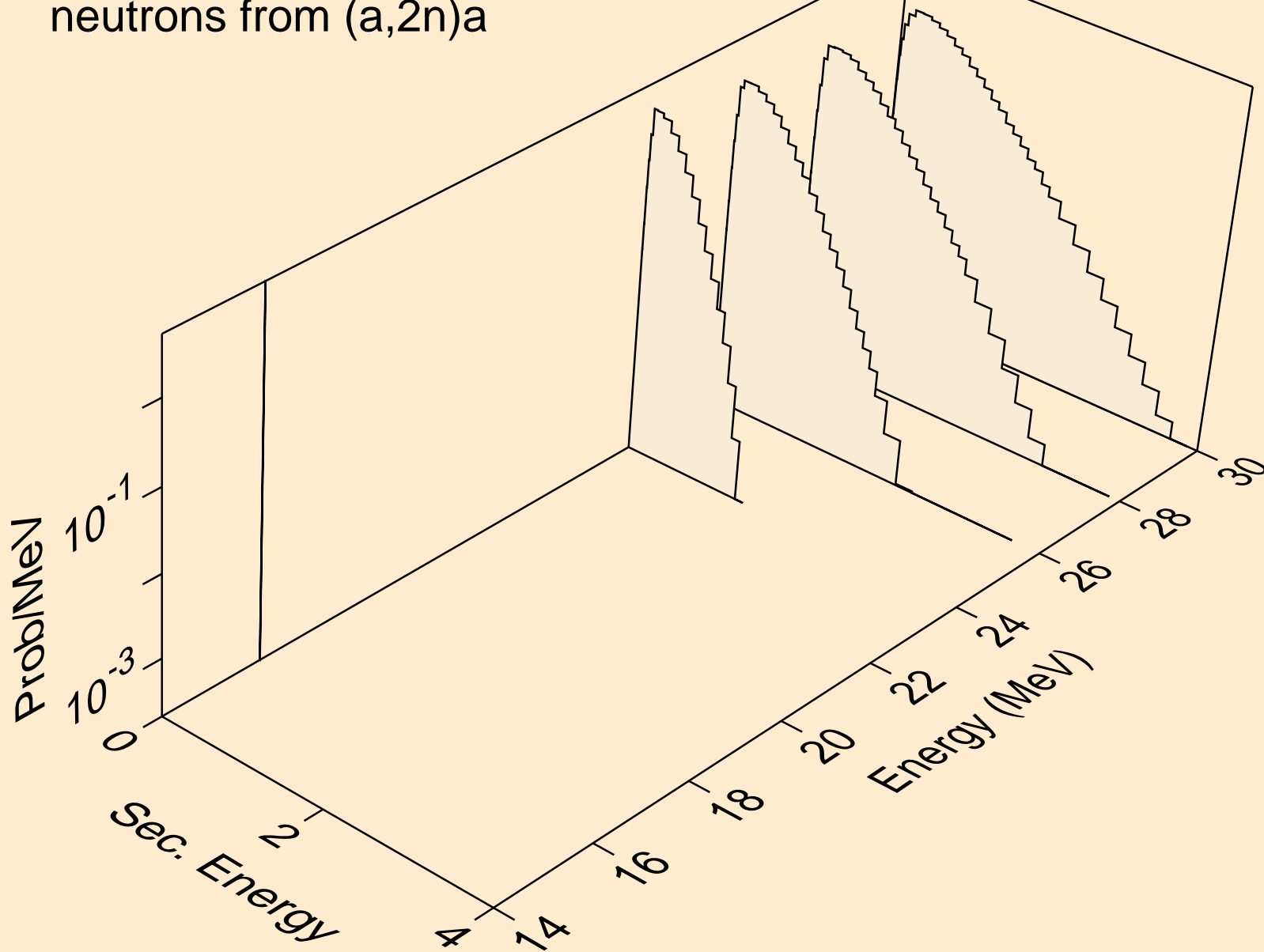
PT190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,2n)



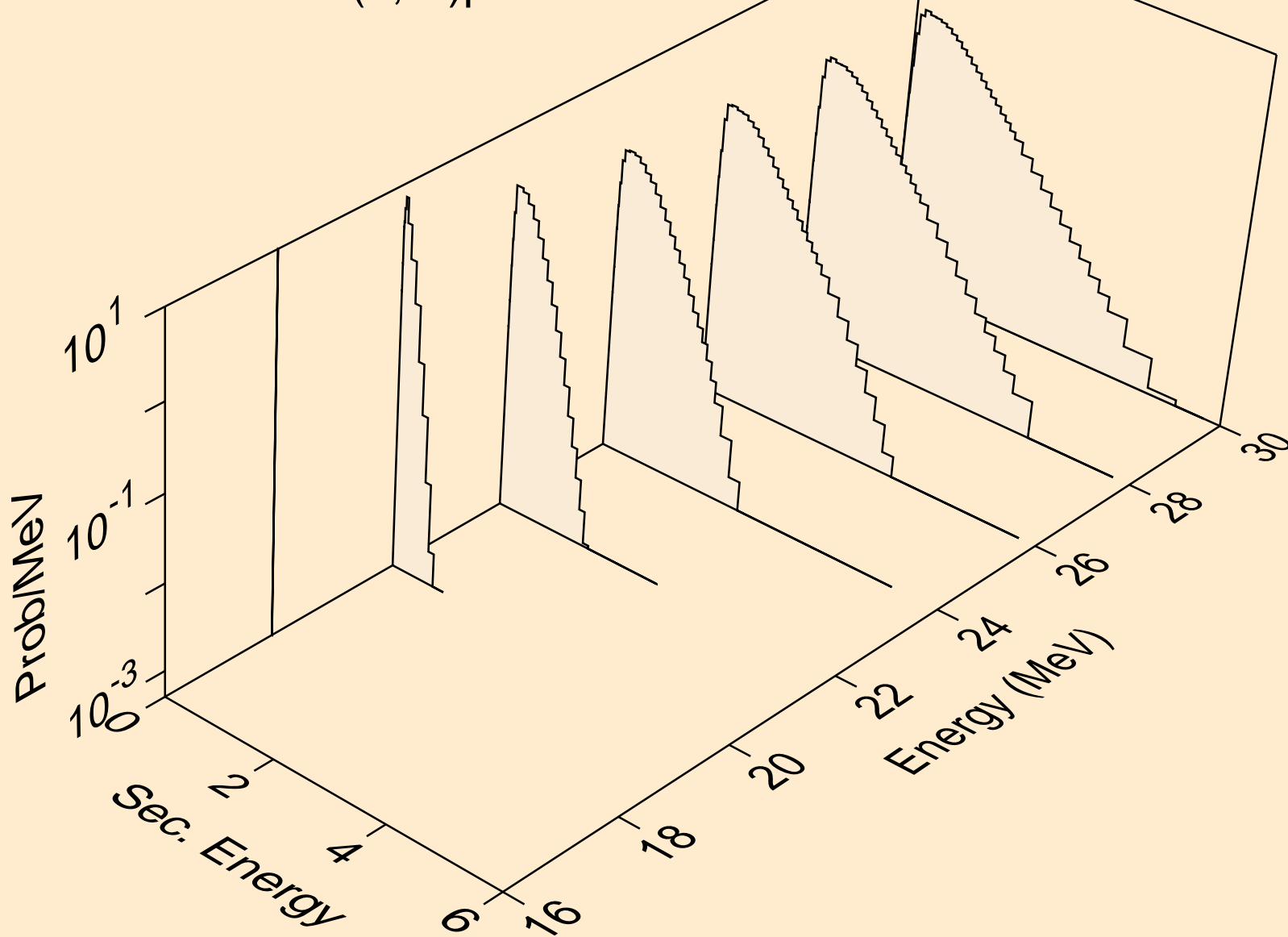
PT190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n*)a



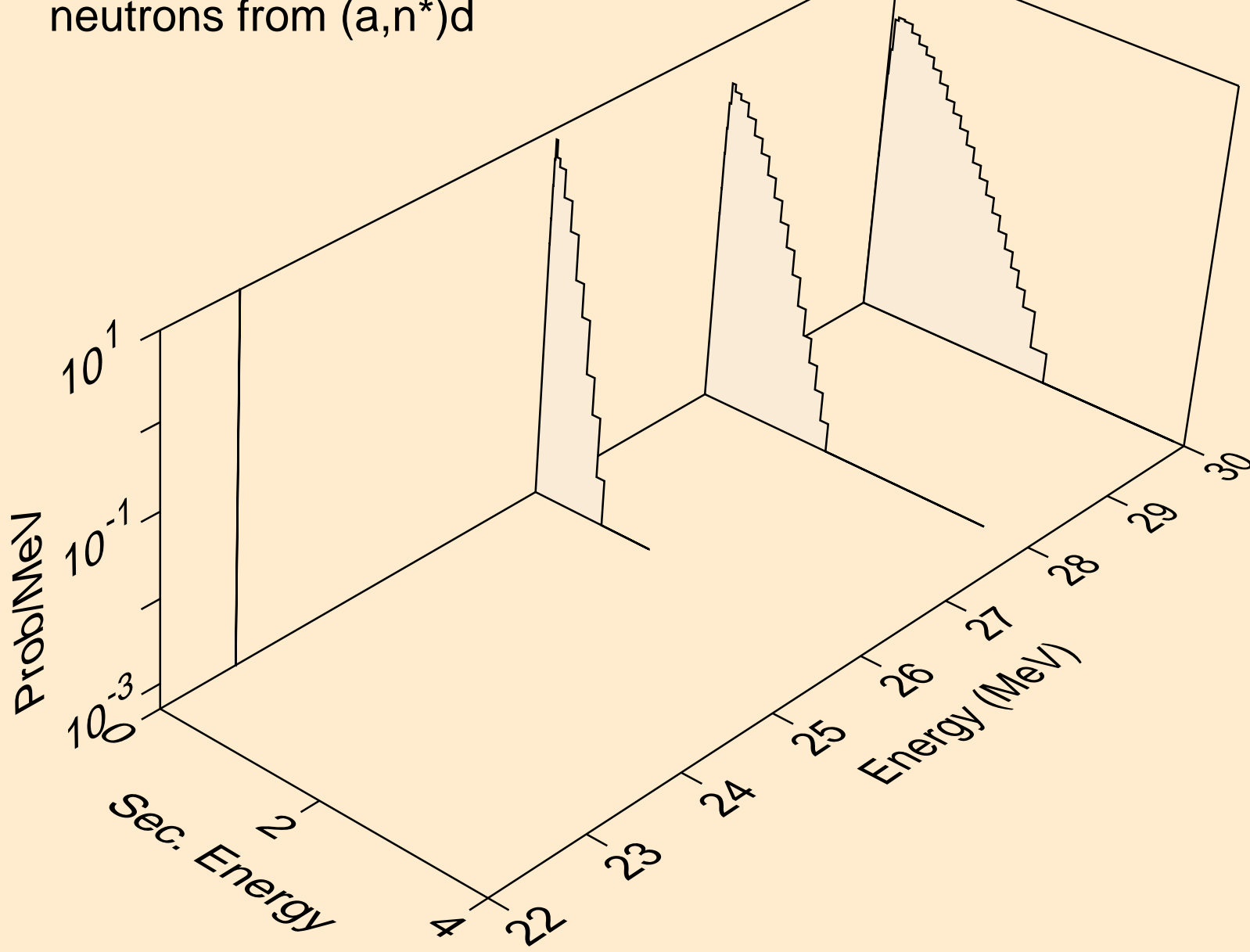
PT190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,2n)a



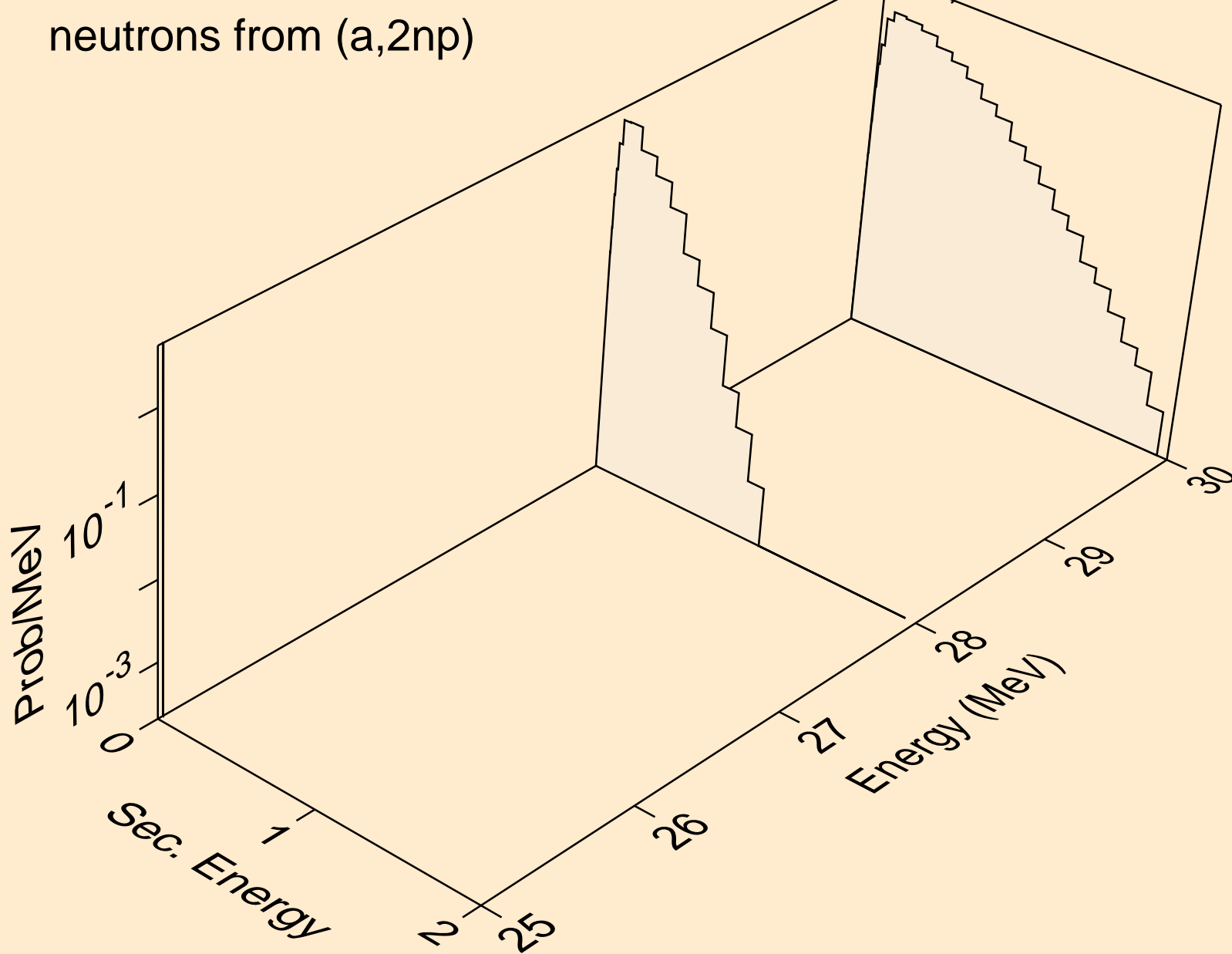
PT190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n*)p



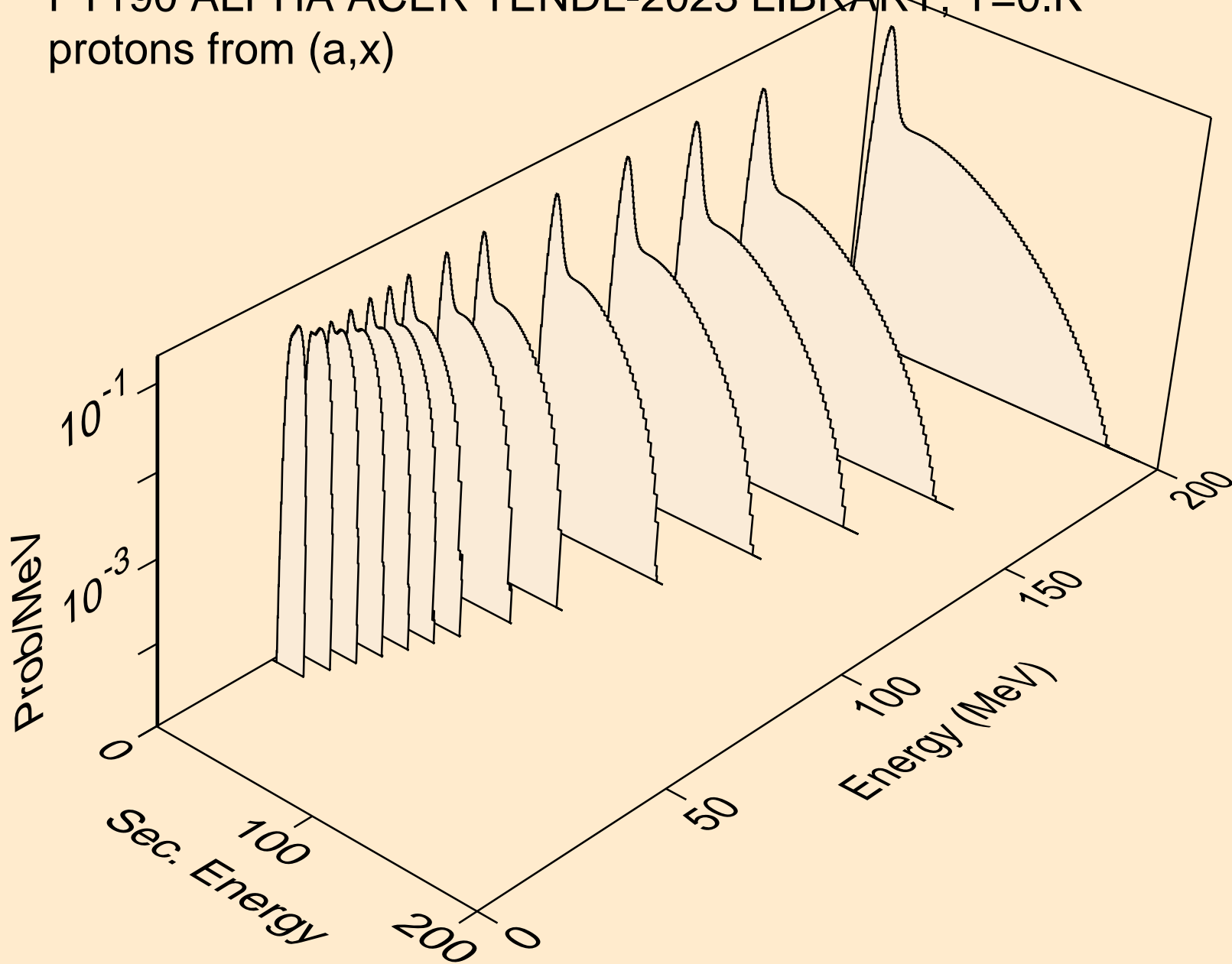
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neutrons from (a,n*)d



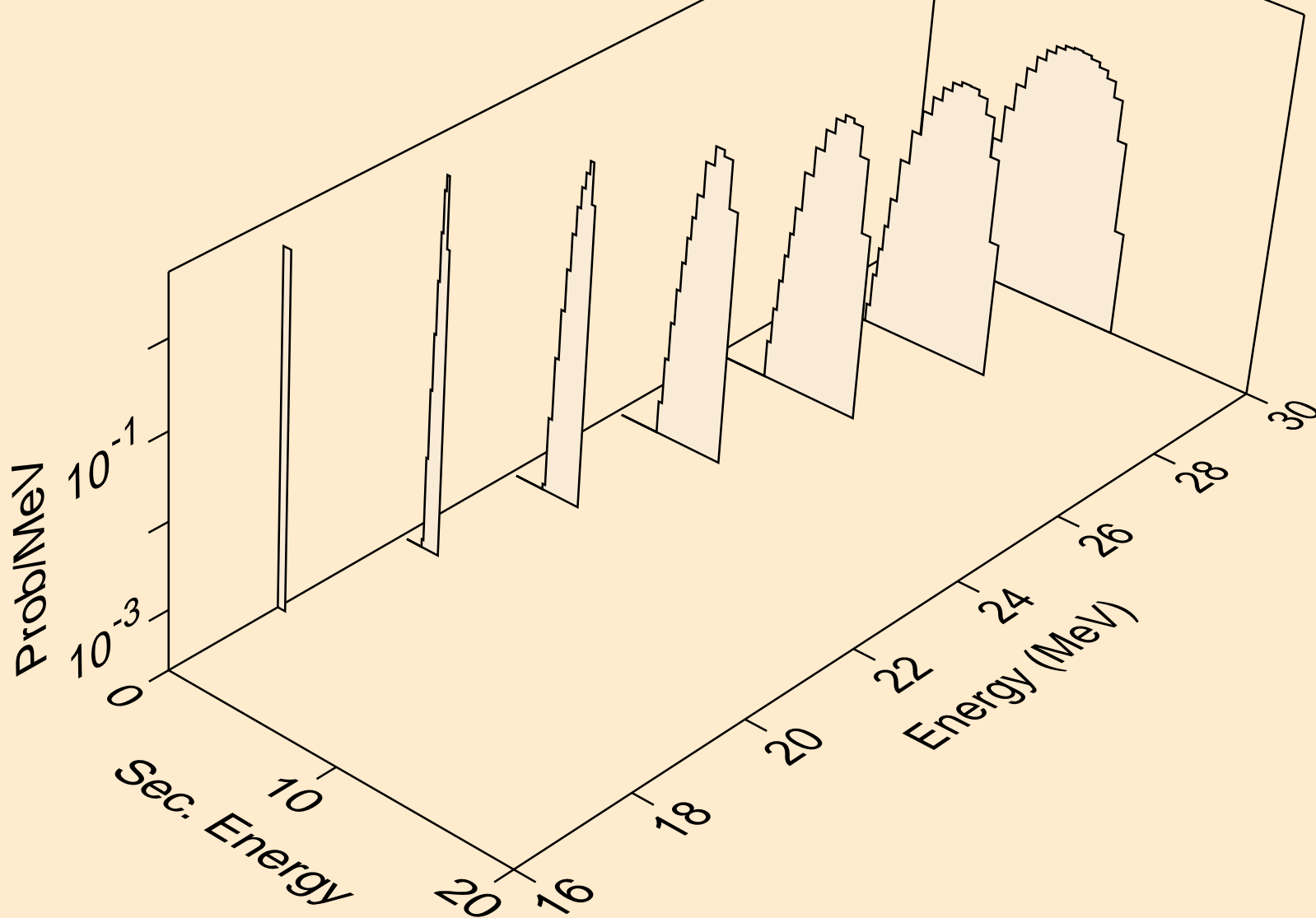
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neutrons from (a,2np)



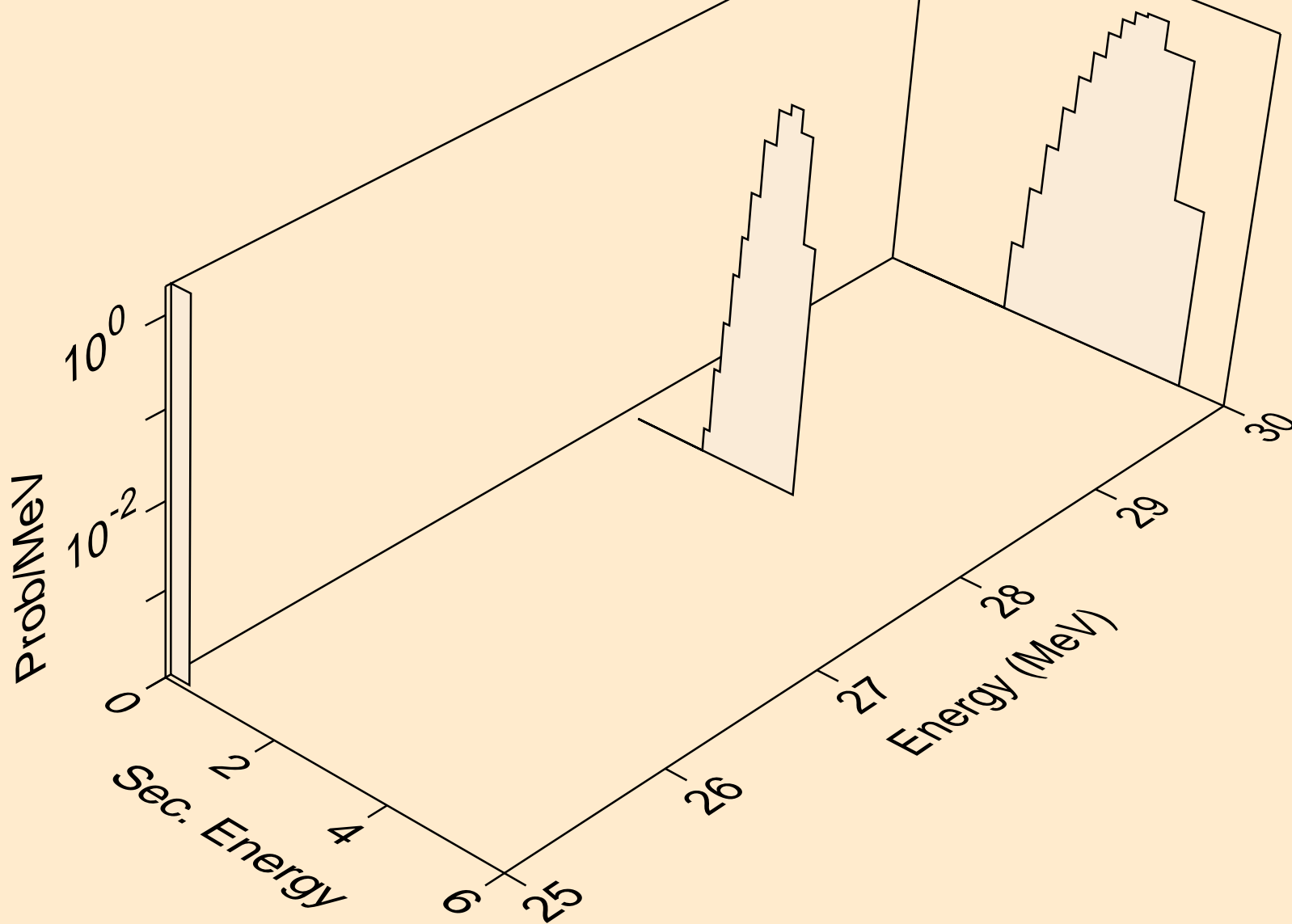
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protons from (a,x)



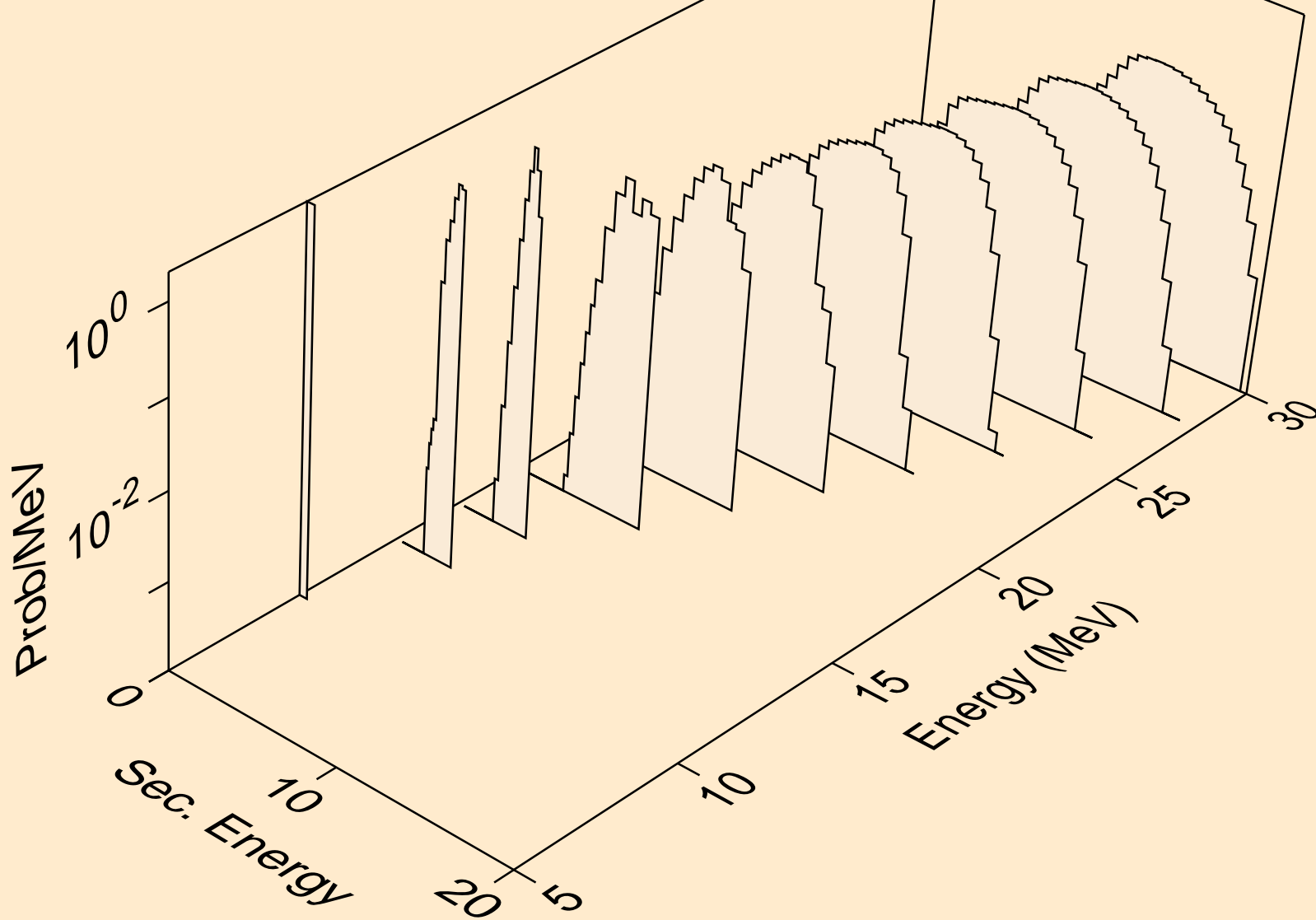
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protons from (a,n*)p



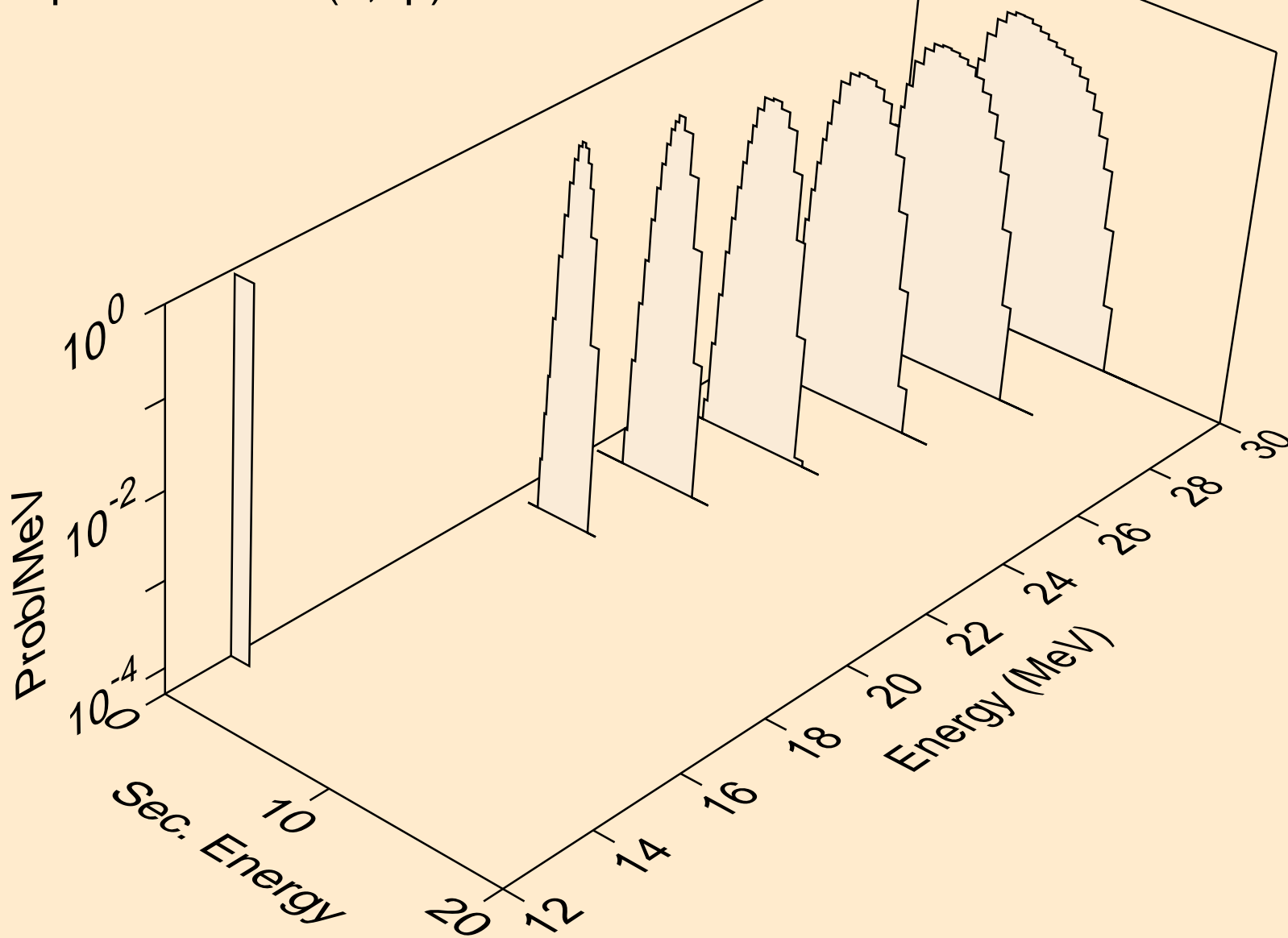
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protons from (a,2np)



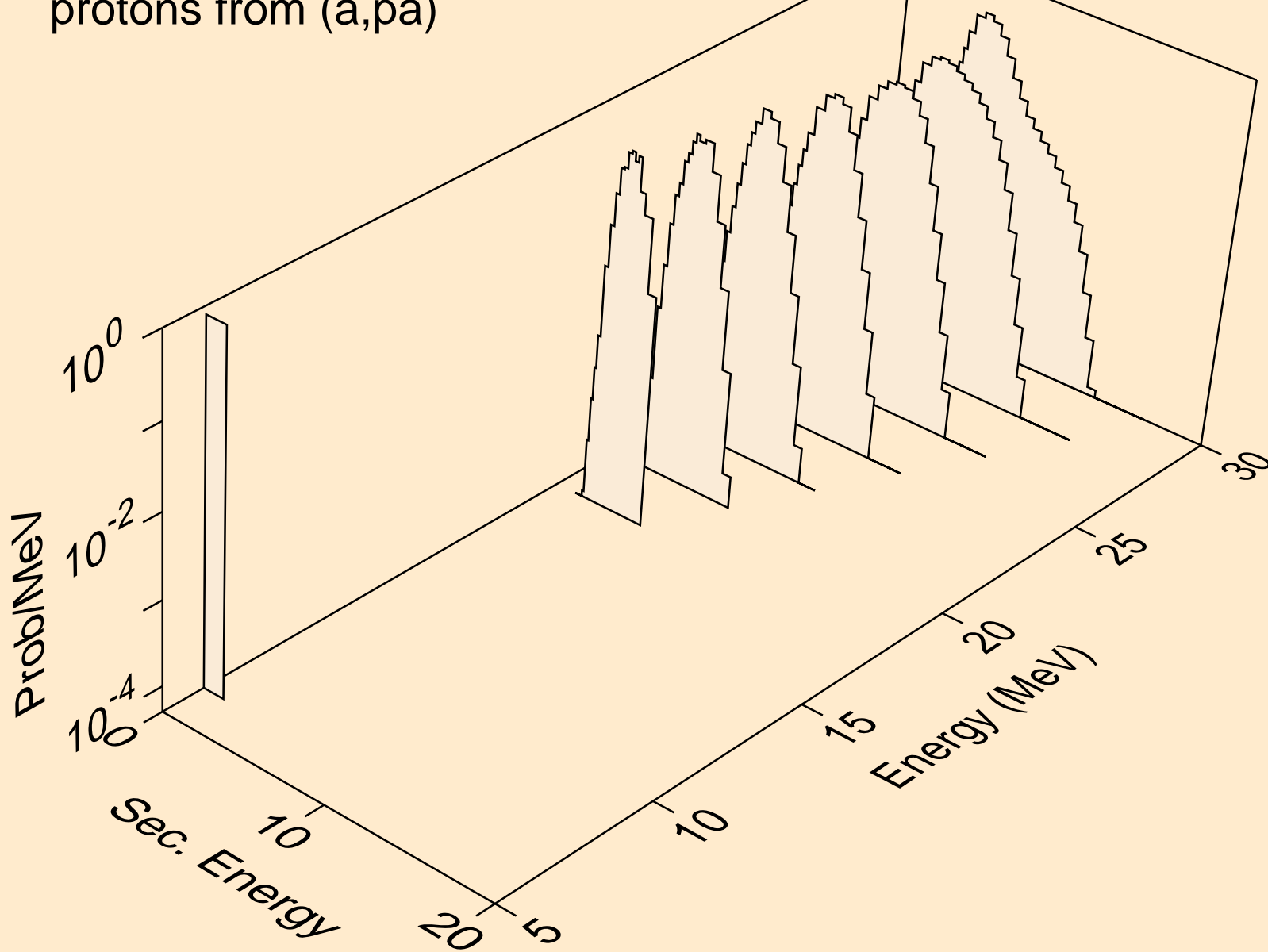
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protons from (a,p)



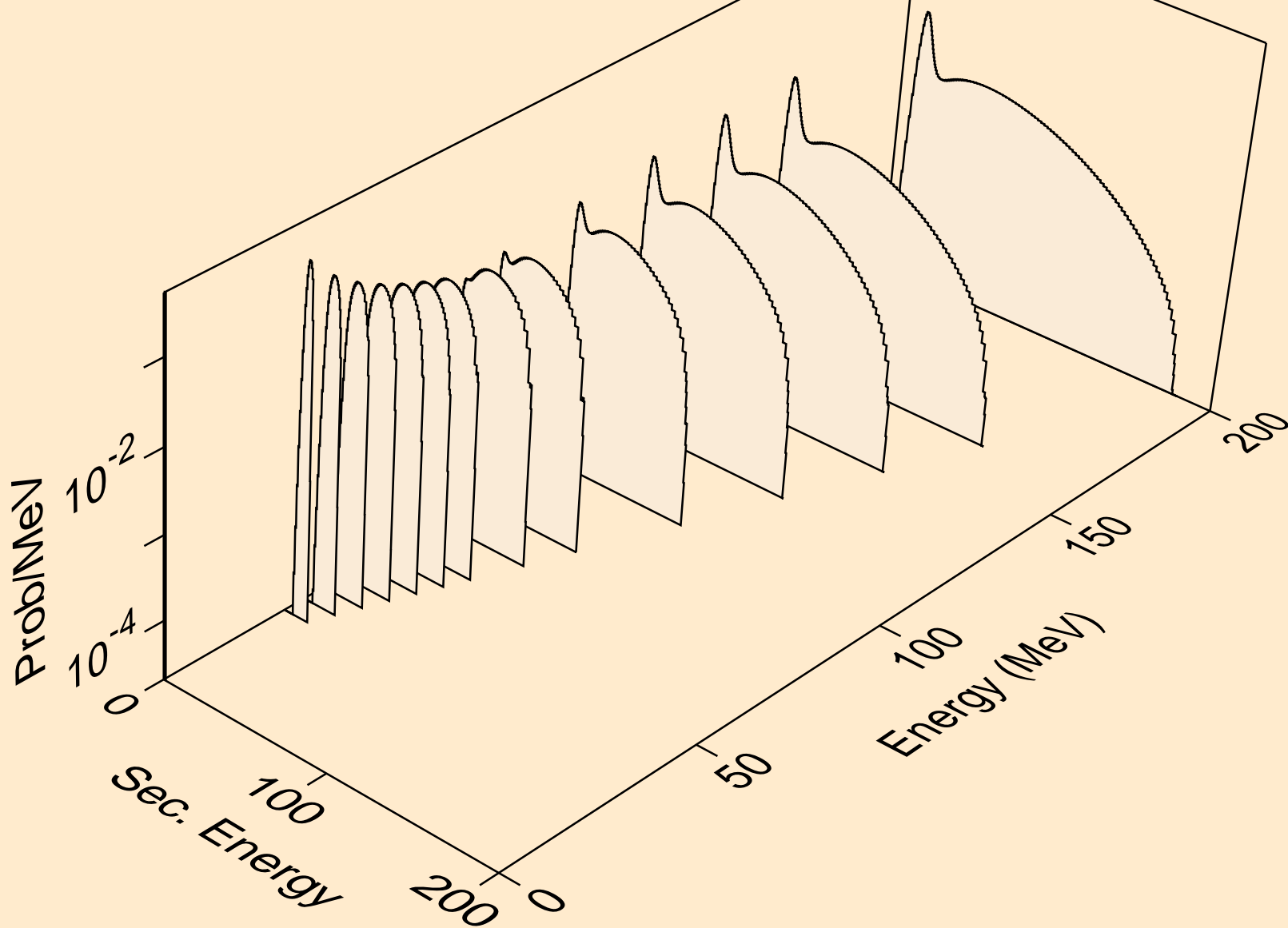
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protons from (a,2p)



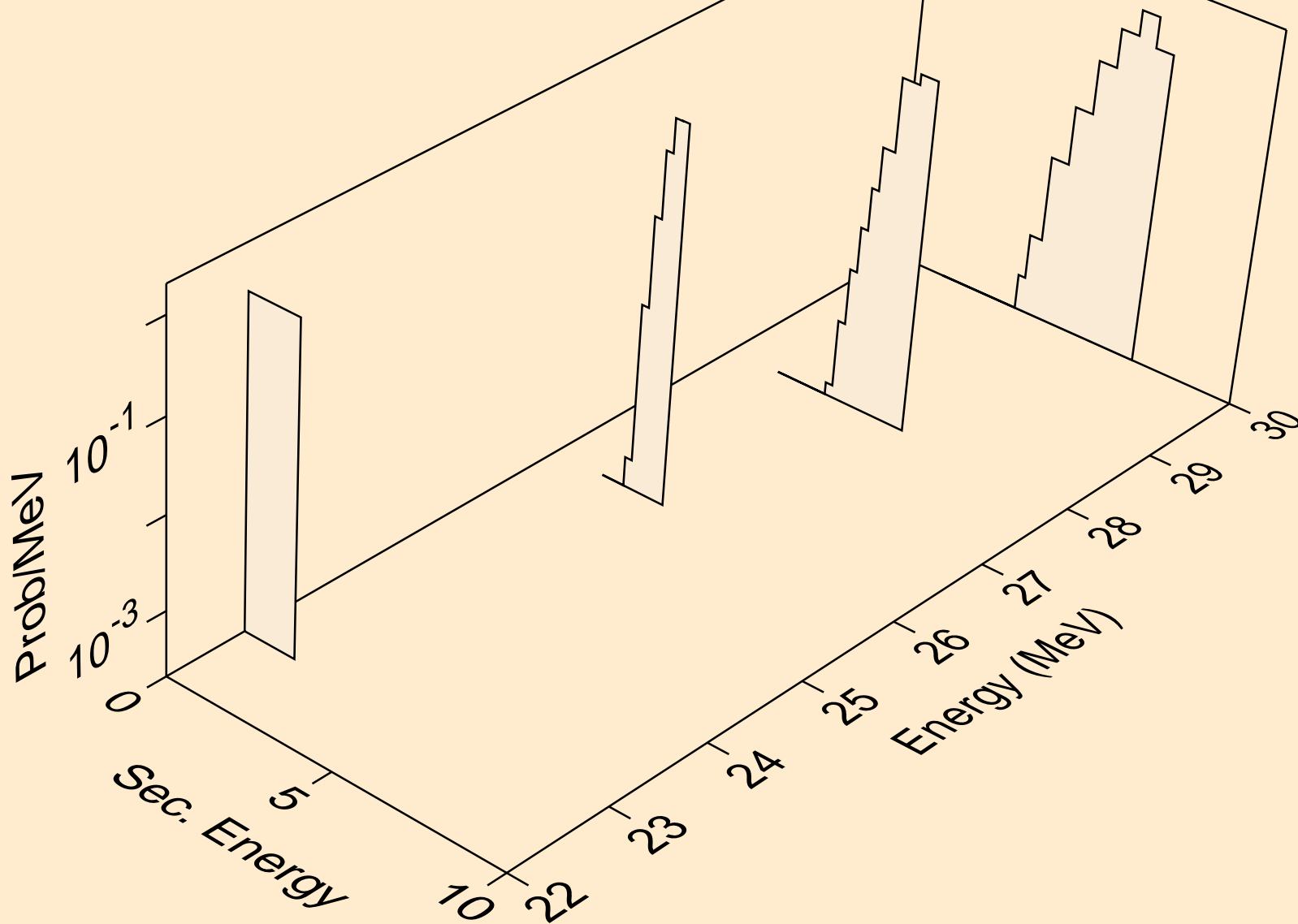
PT190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
protons from (a,pa)



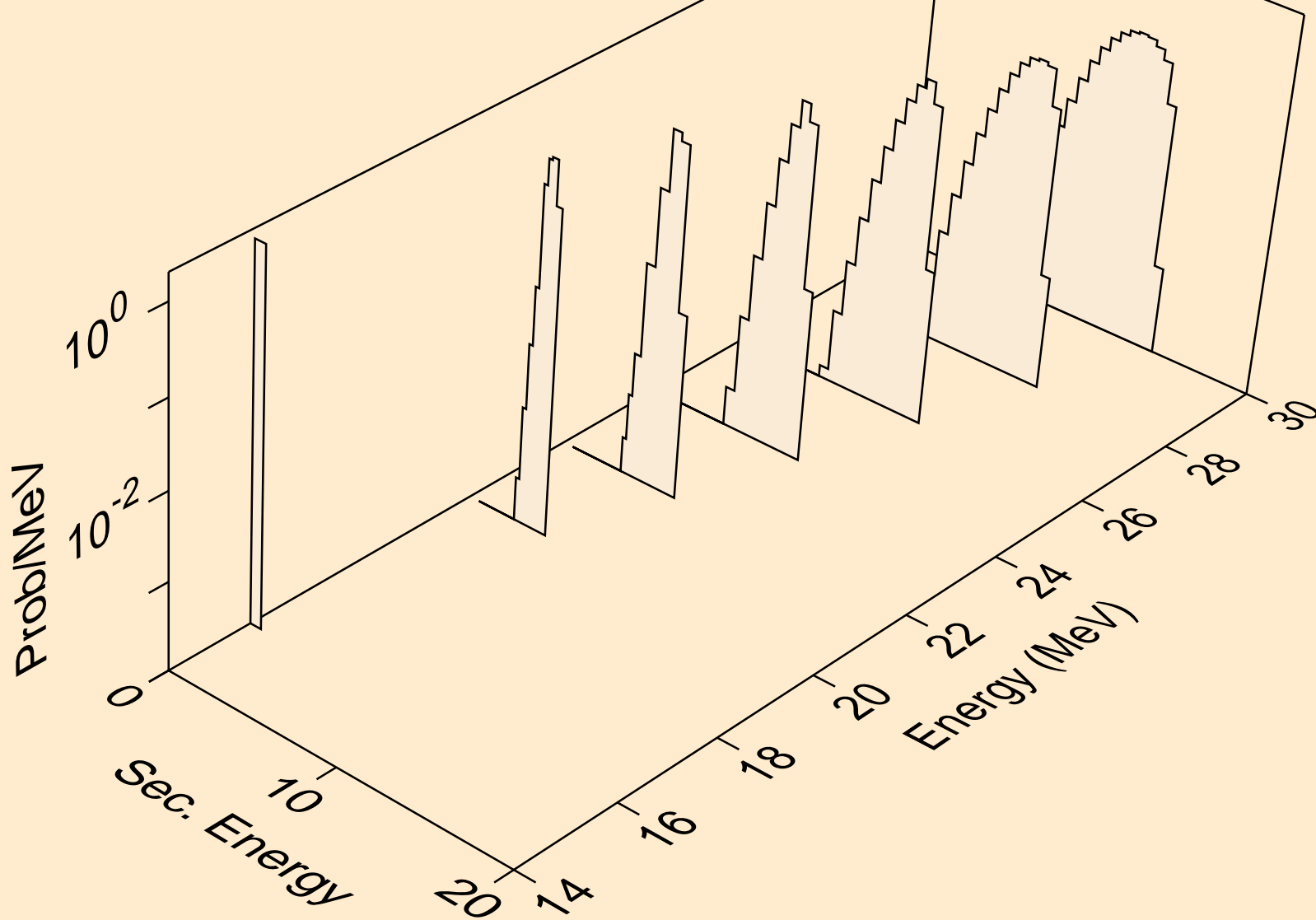
PT190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (a,x)



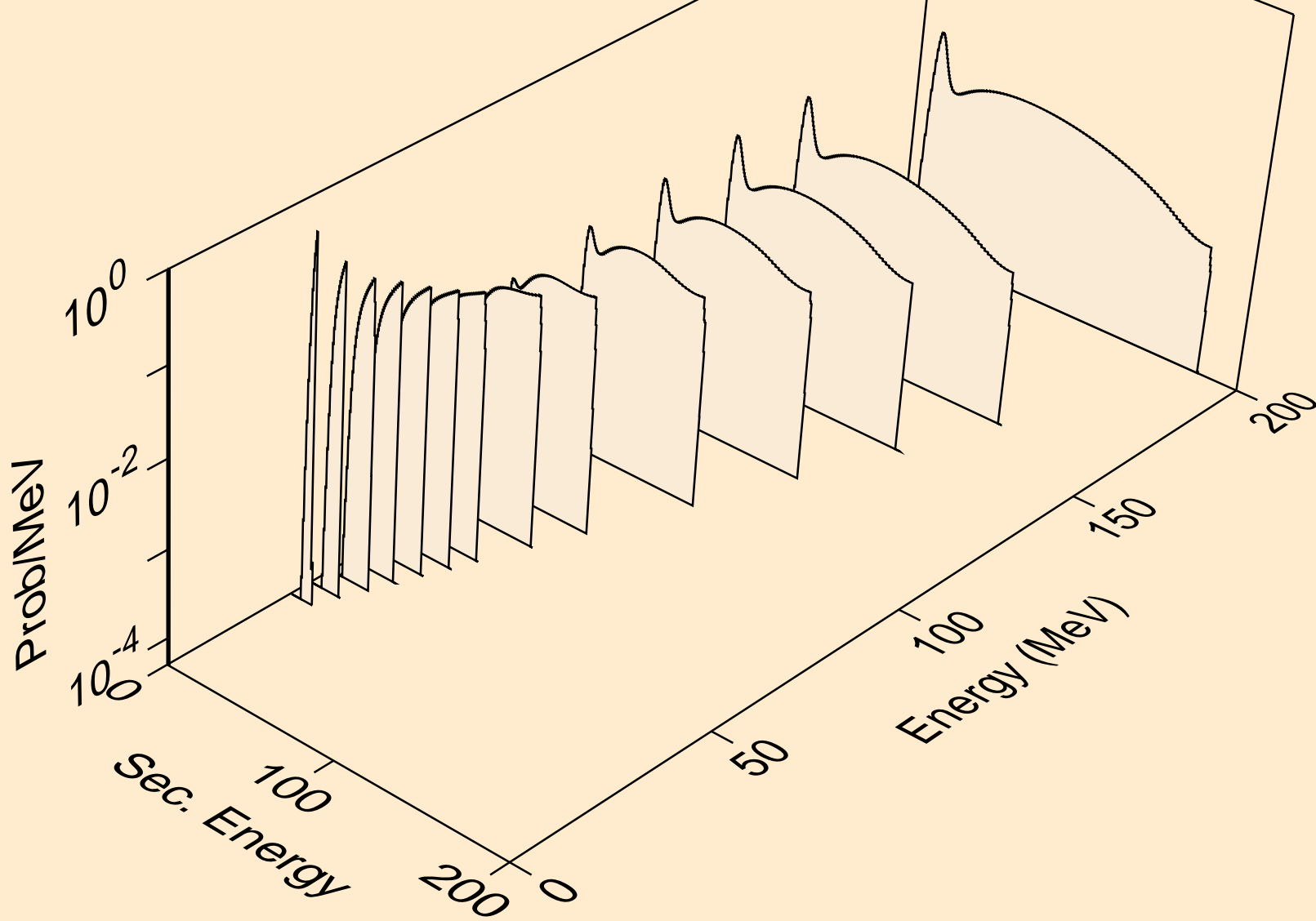
PT190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (a,n*)d



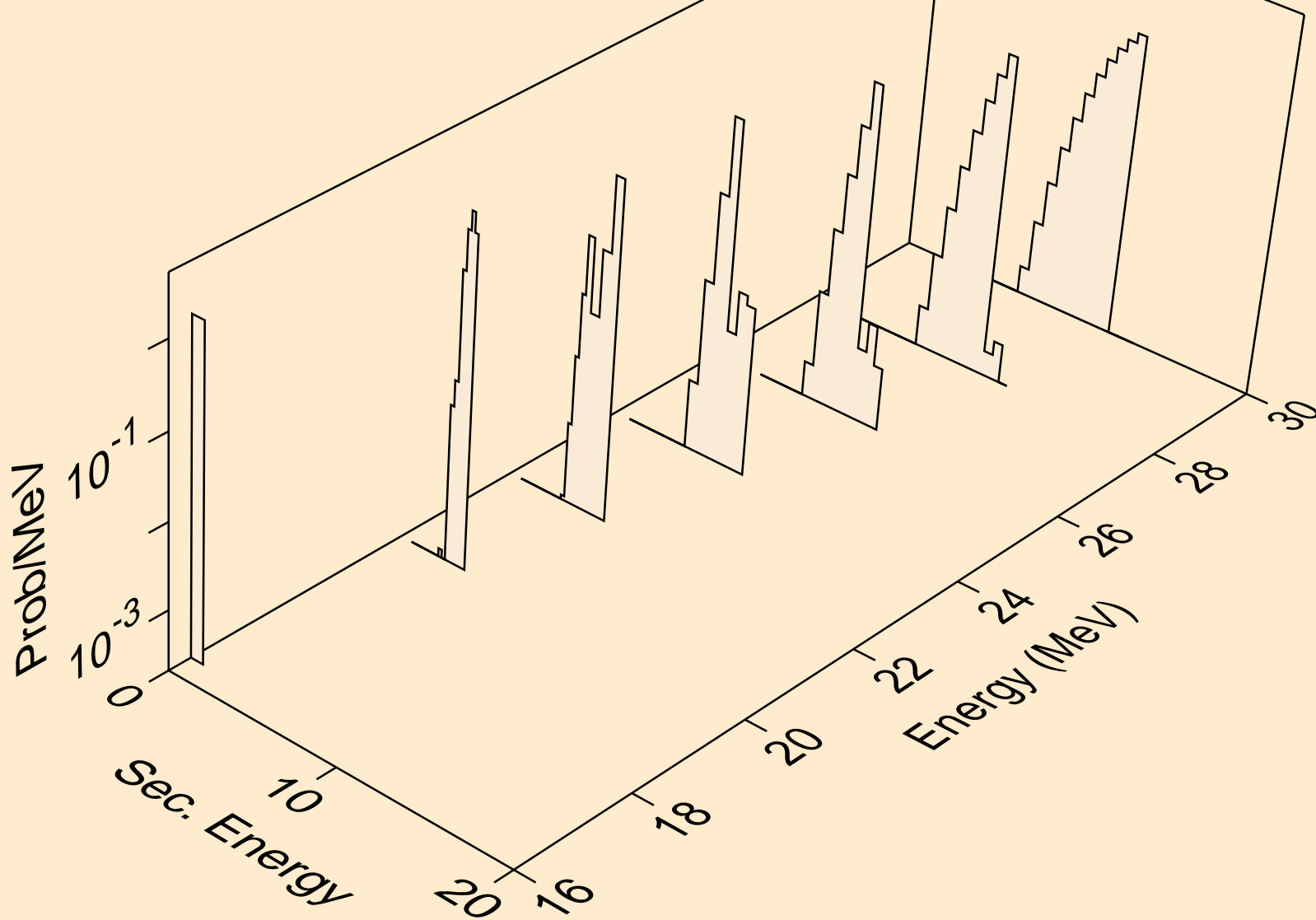
PT190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (a,d)



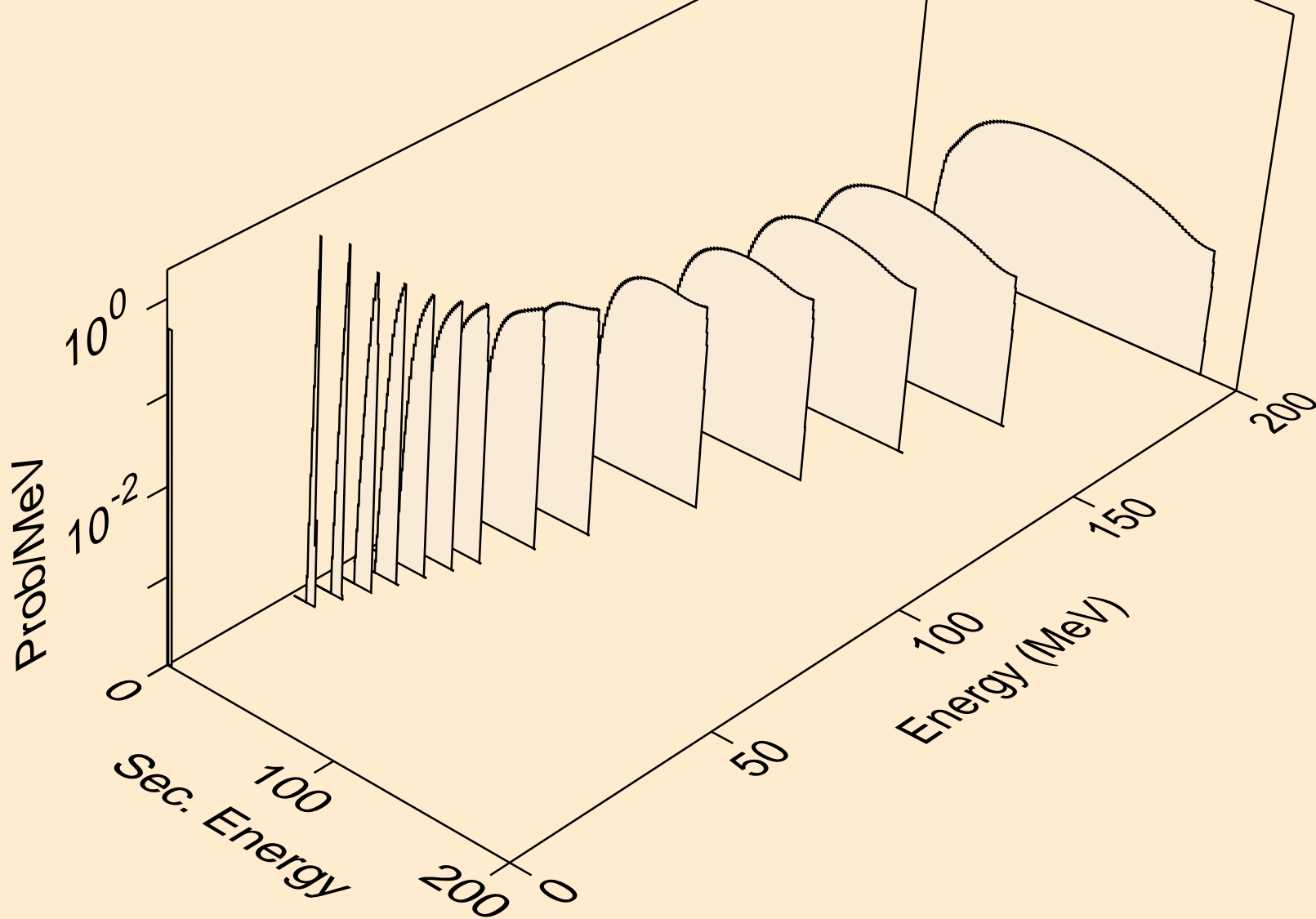
PT190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
tritons from (a,x)



PT190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
tritons from (a,t)



PT190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
he3s from (a,x)



PT190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
he3s from (a,he3)

