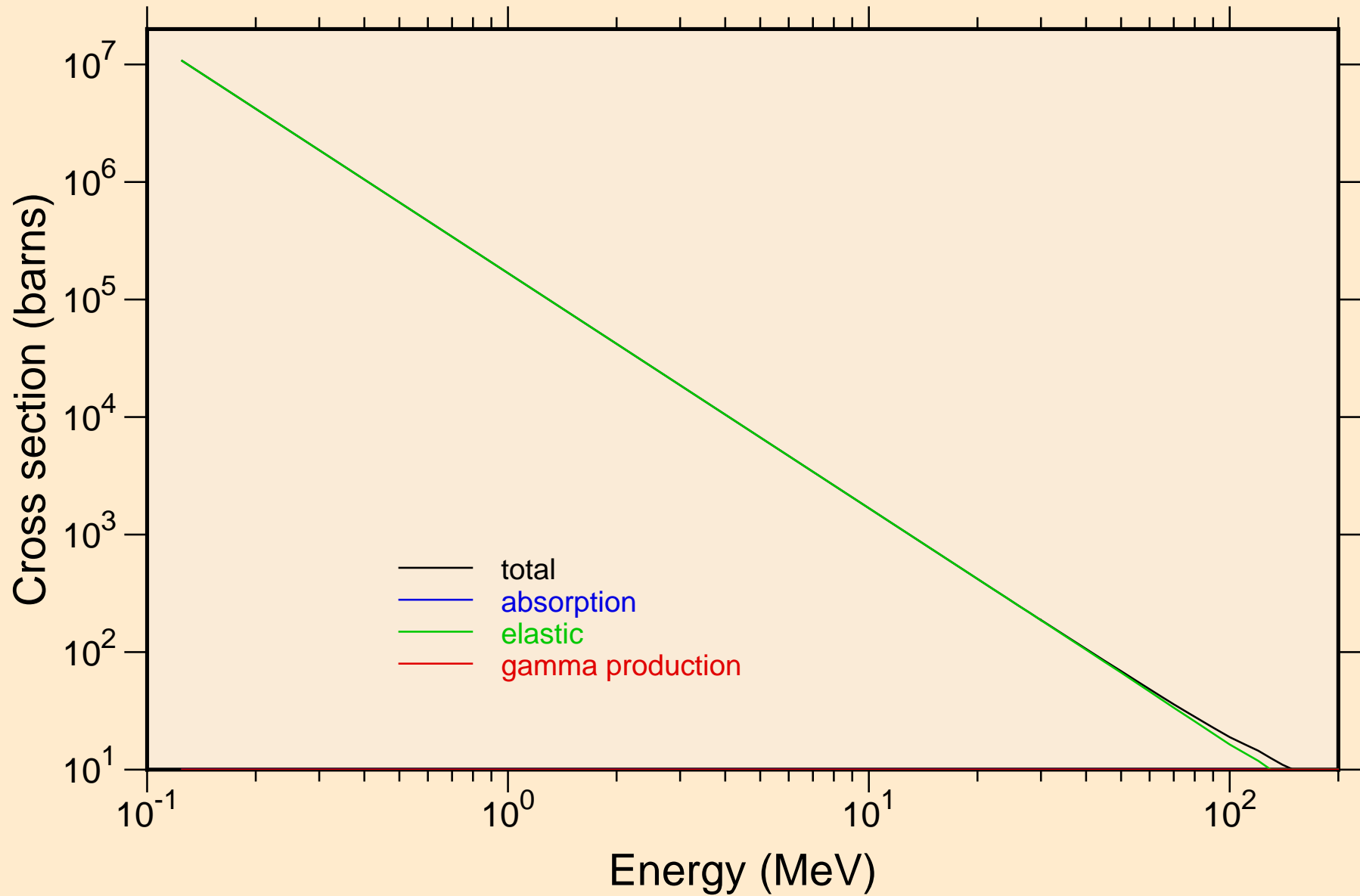
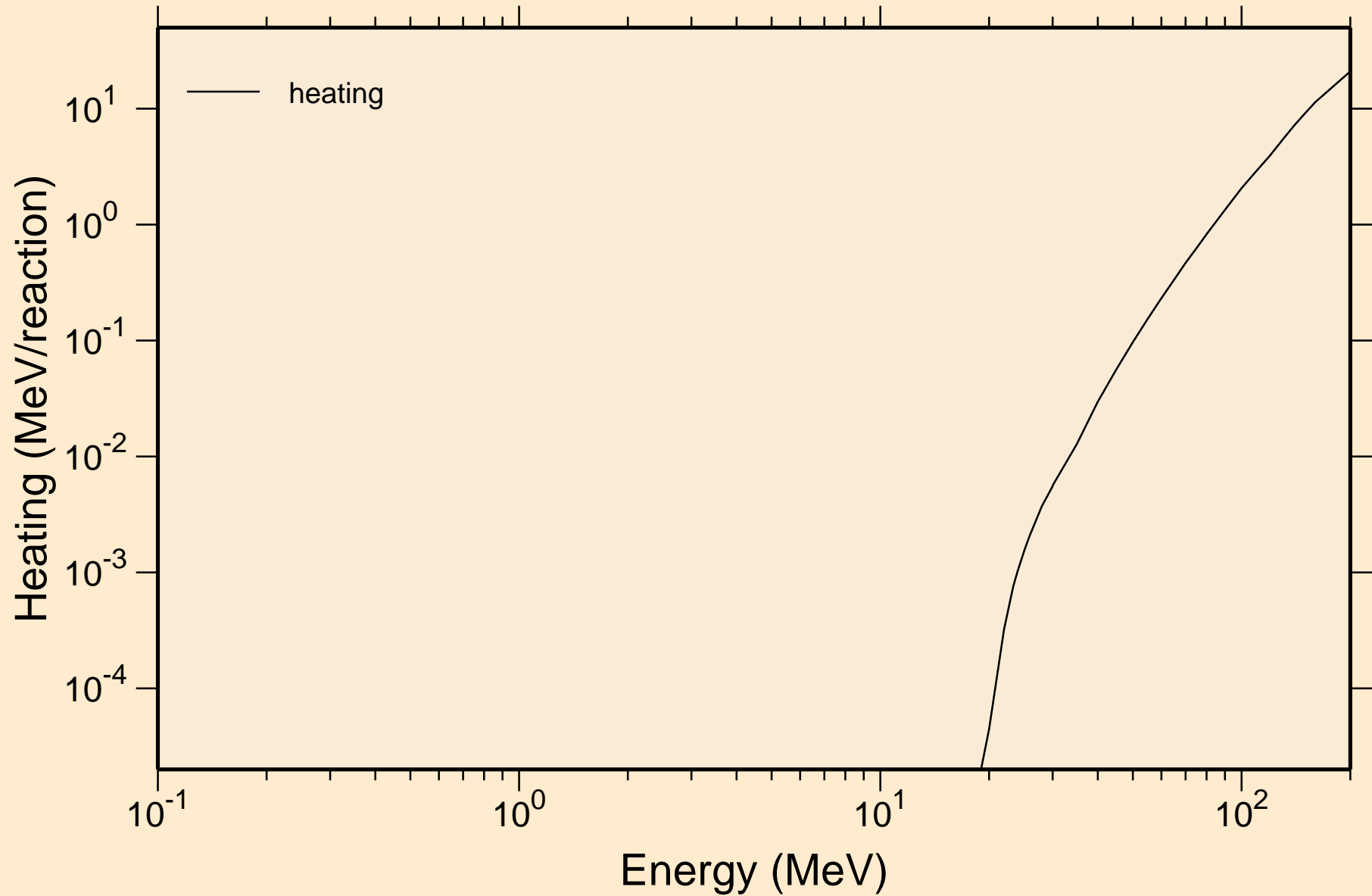


TL190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Principal cross sections



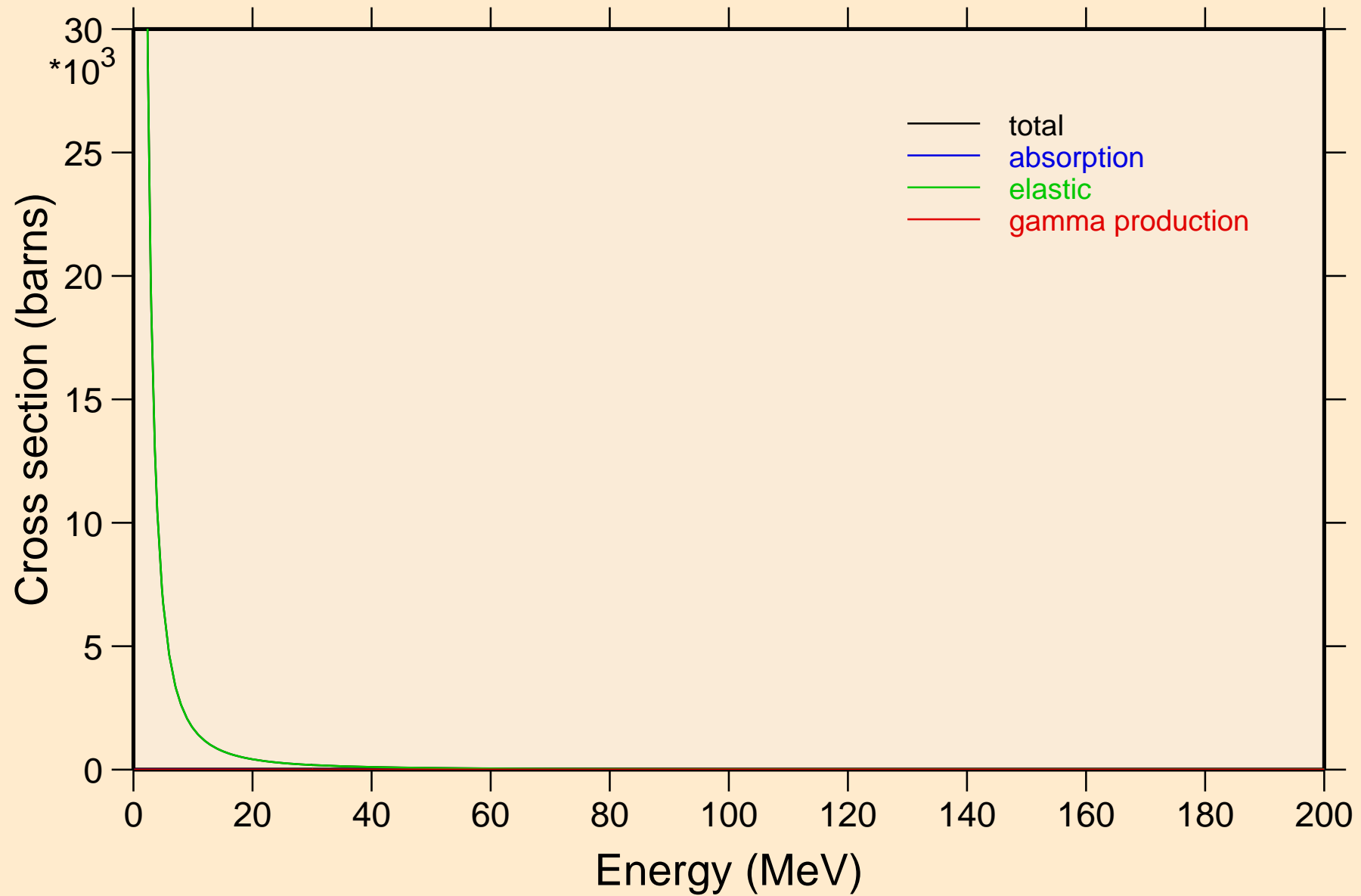
TL190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating



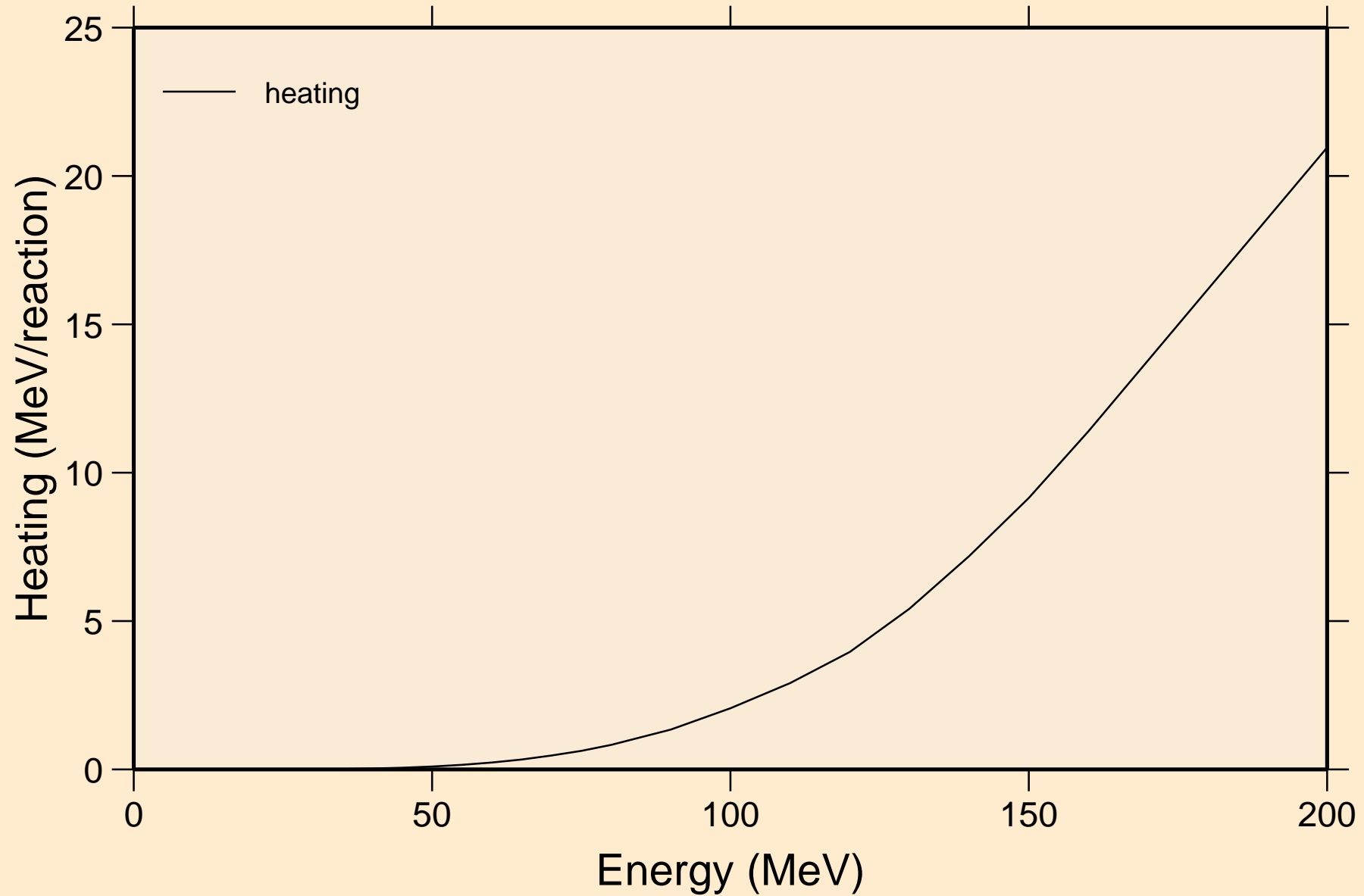
TL190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections

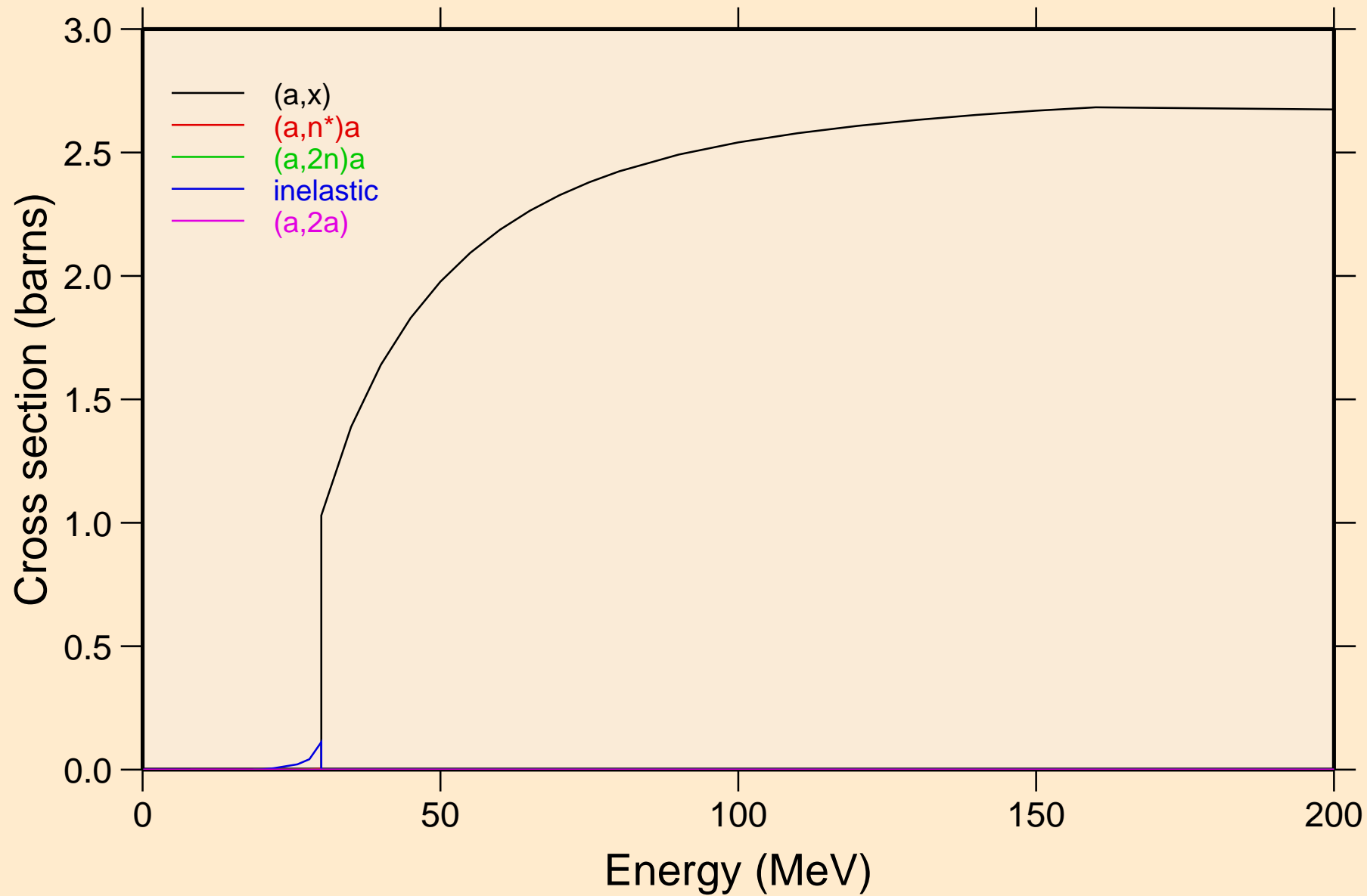


TL190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

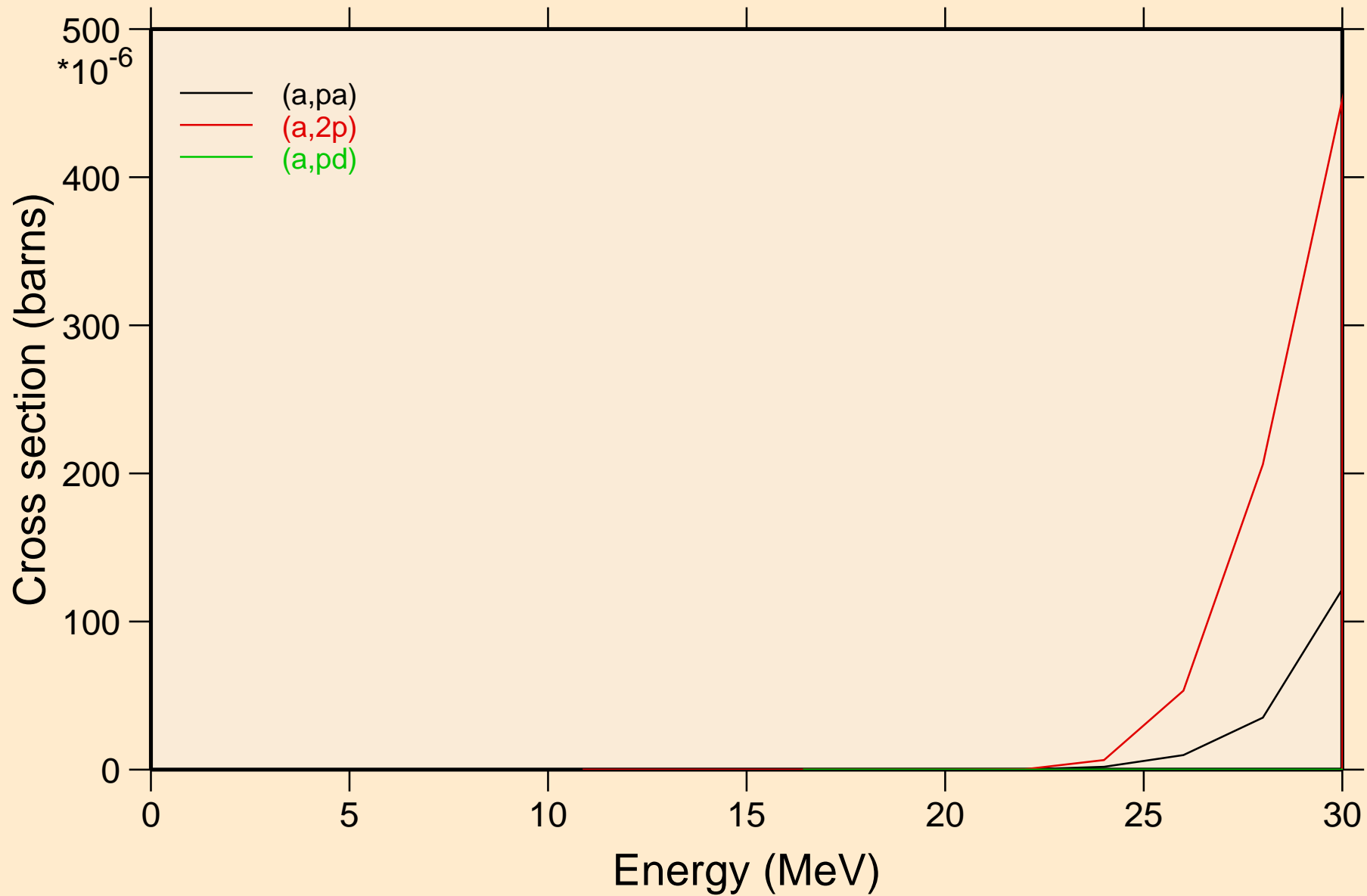
Heating



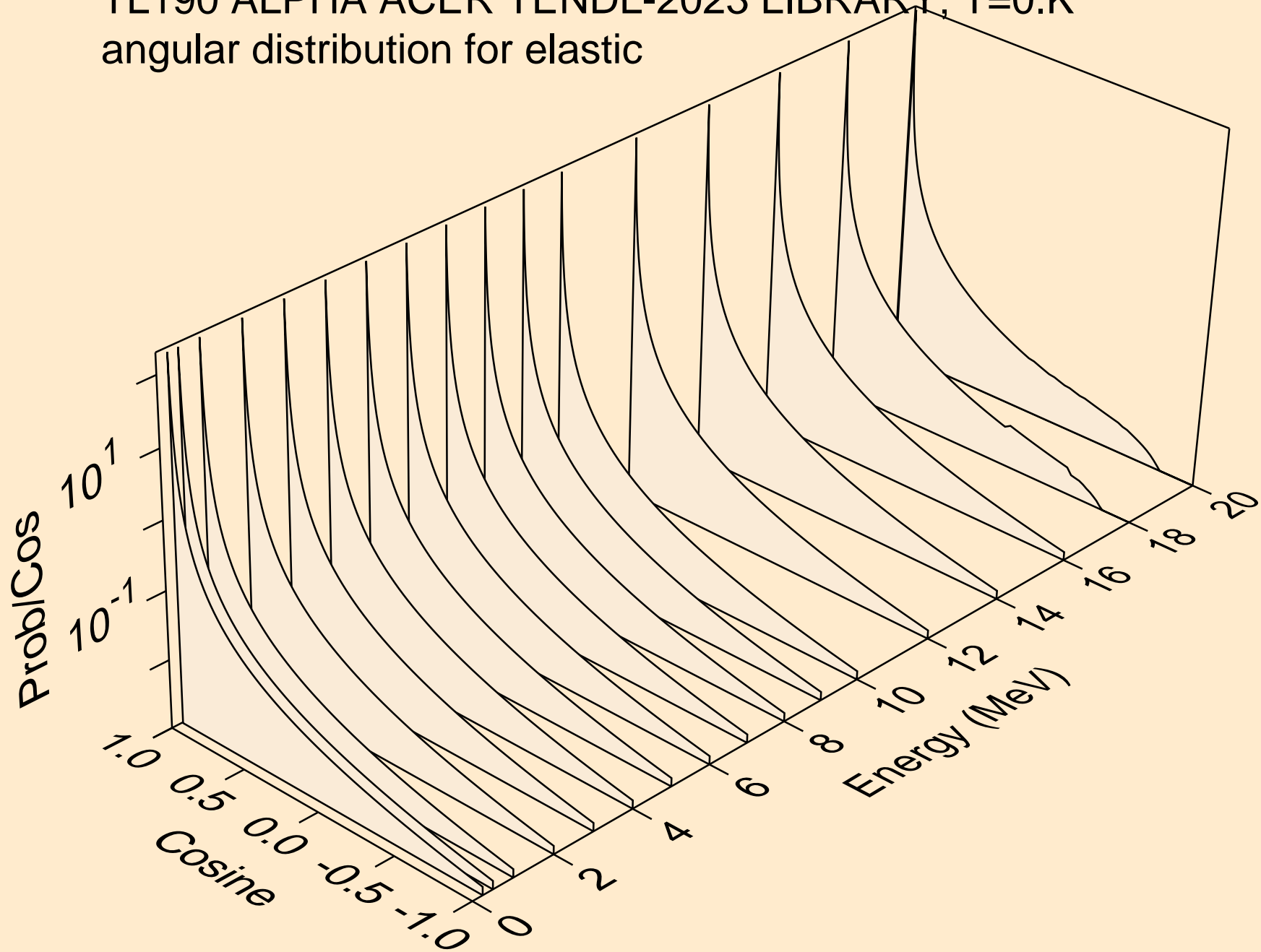
TL190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



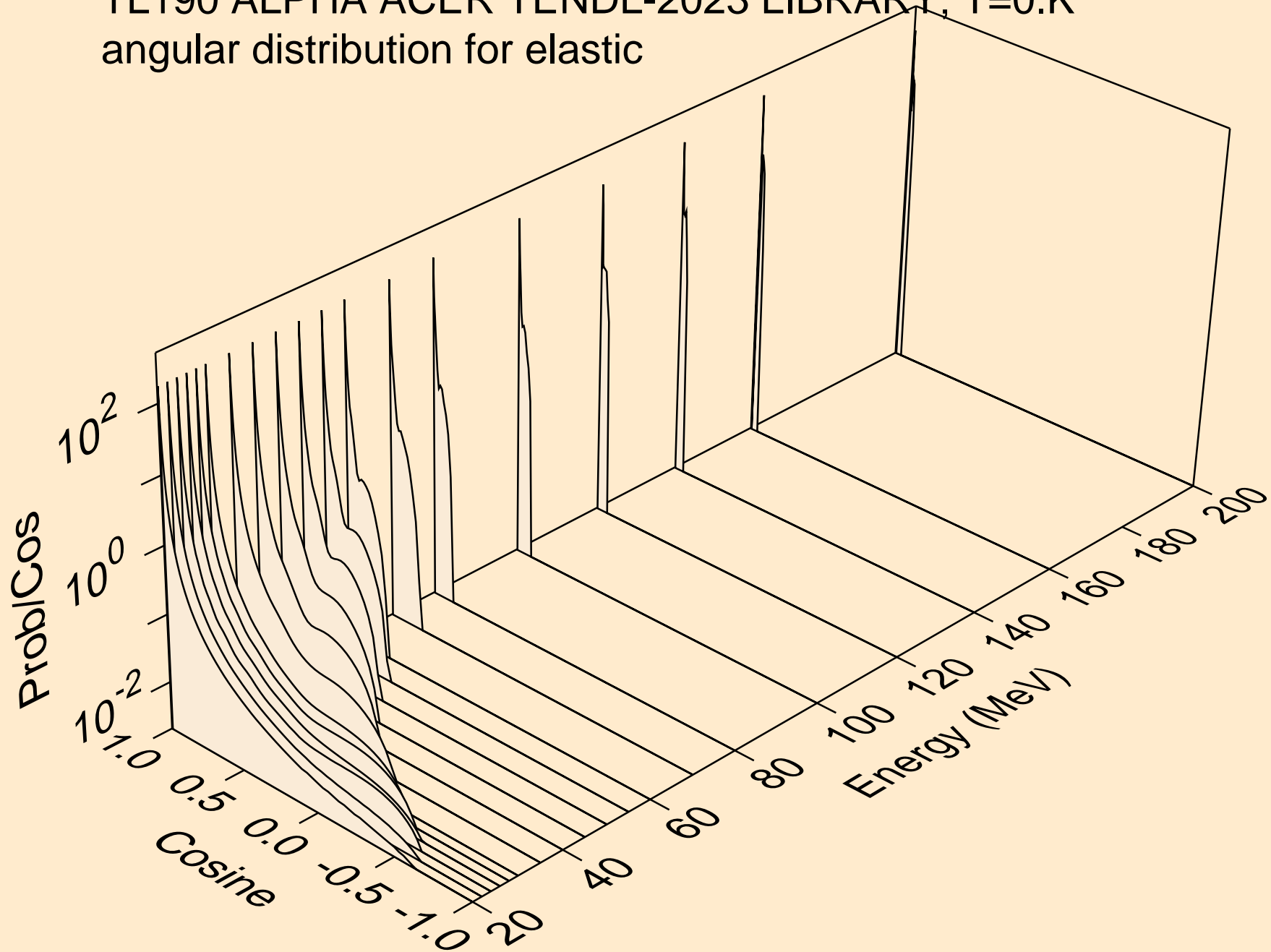
TL190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



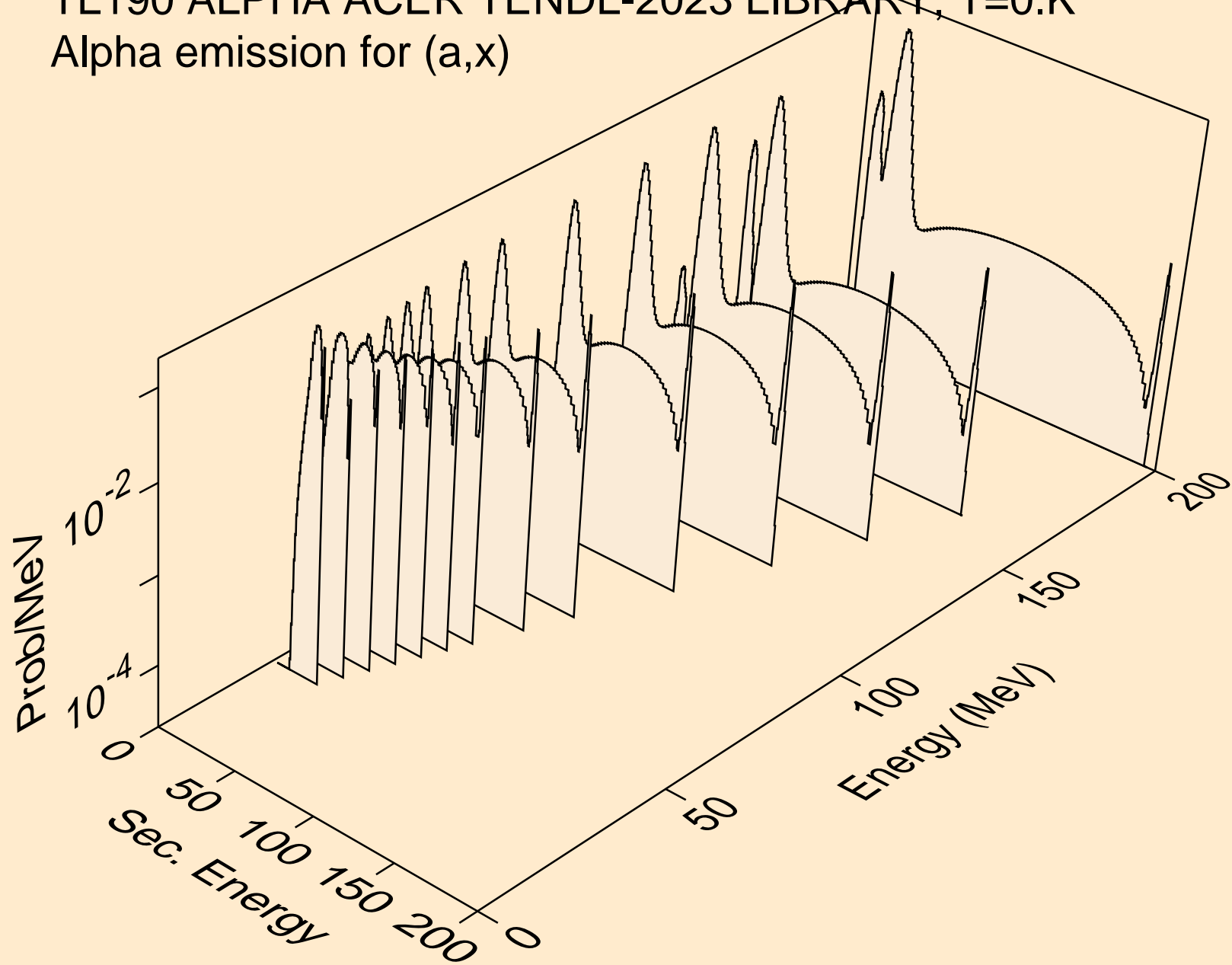
TL190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



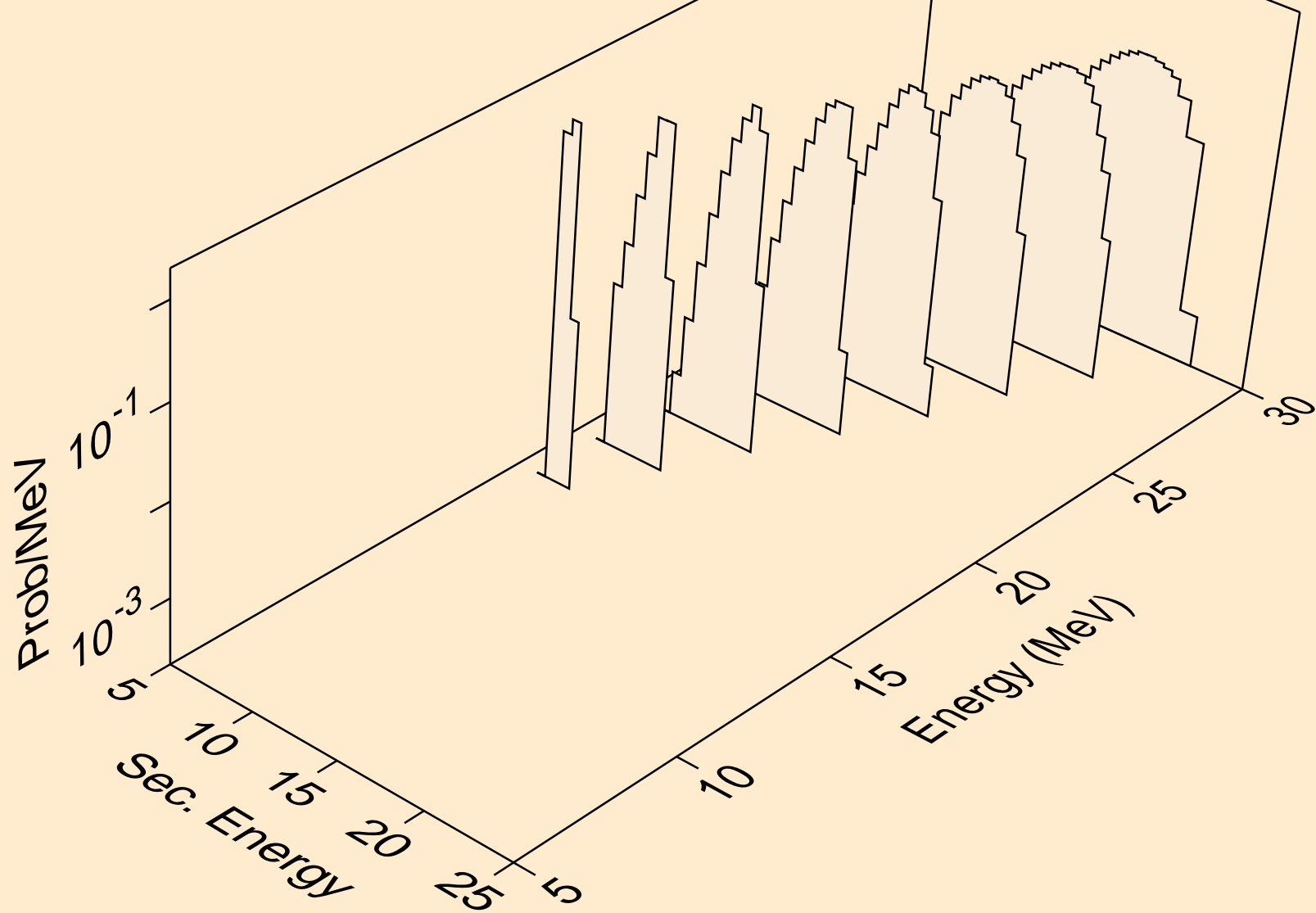
TL190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



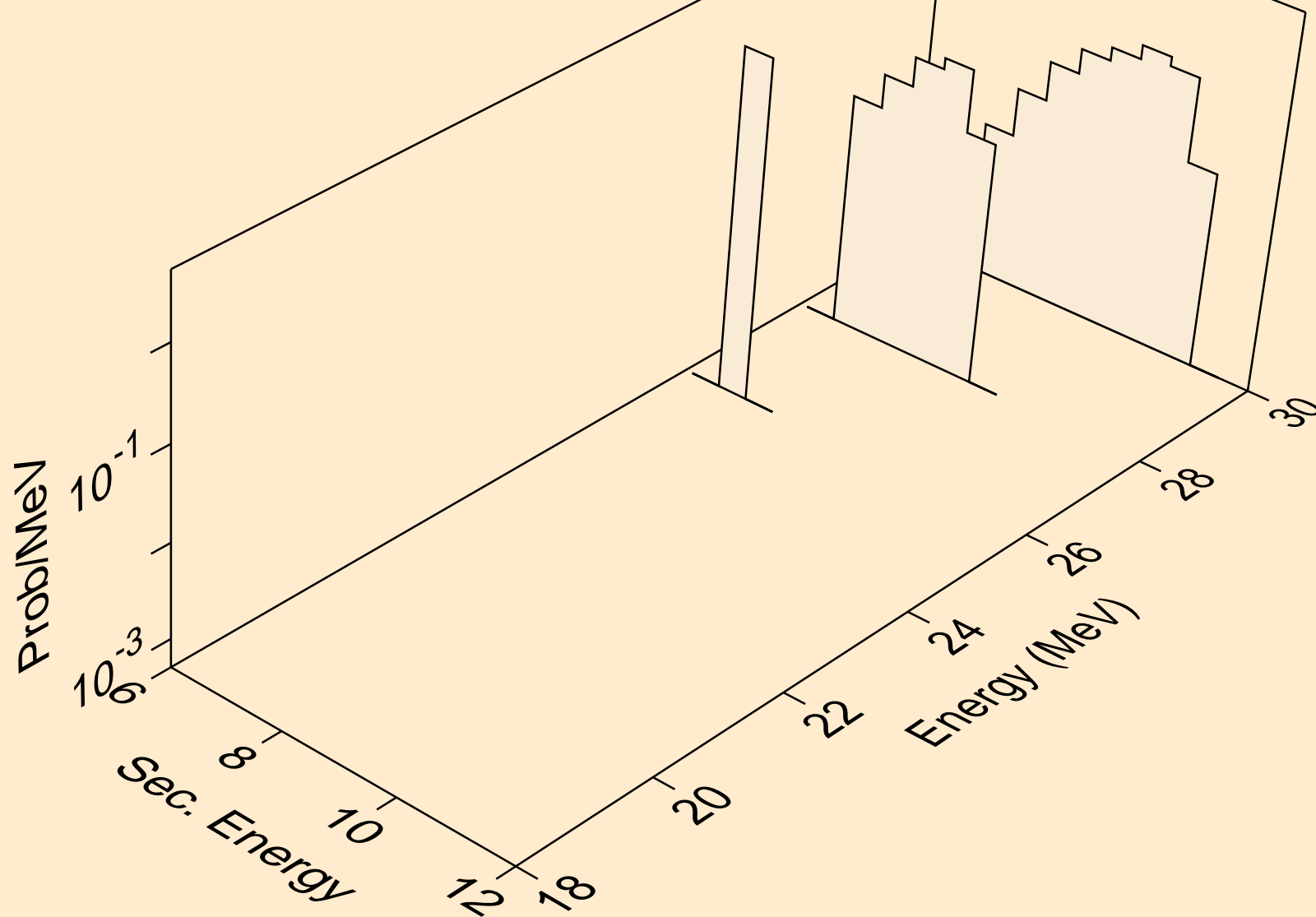
TL190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Alpha emission for (a,x)



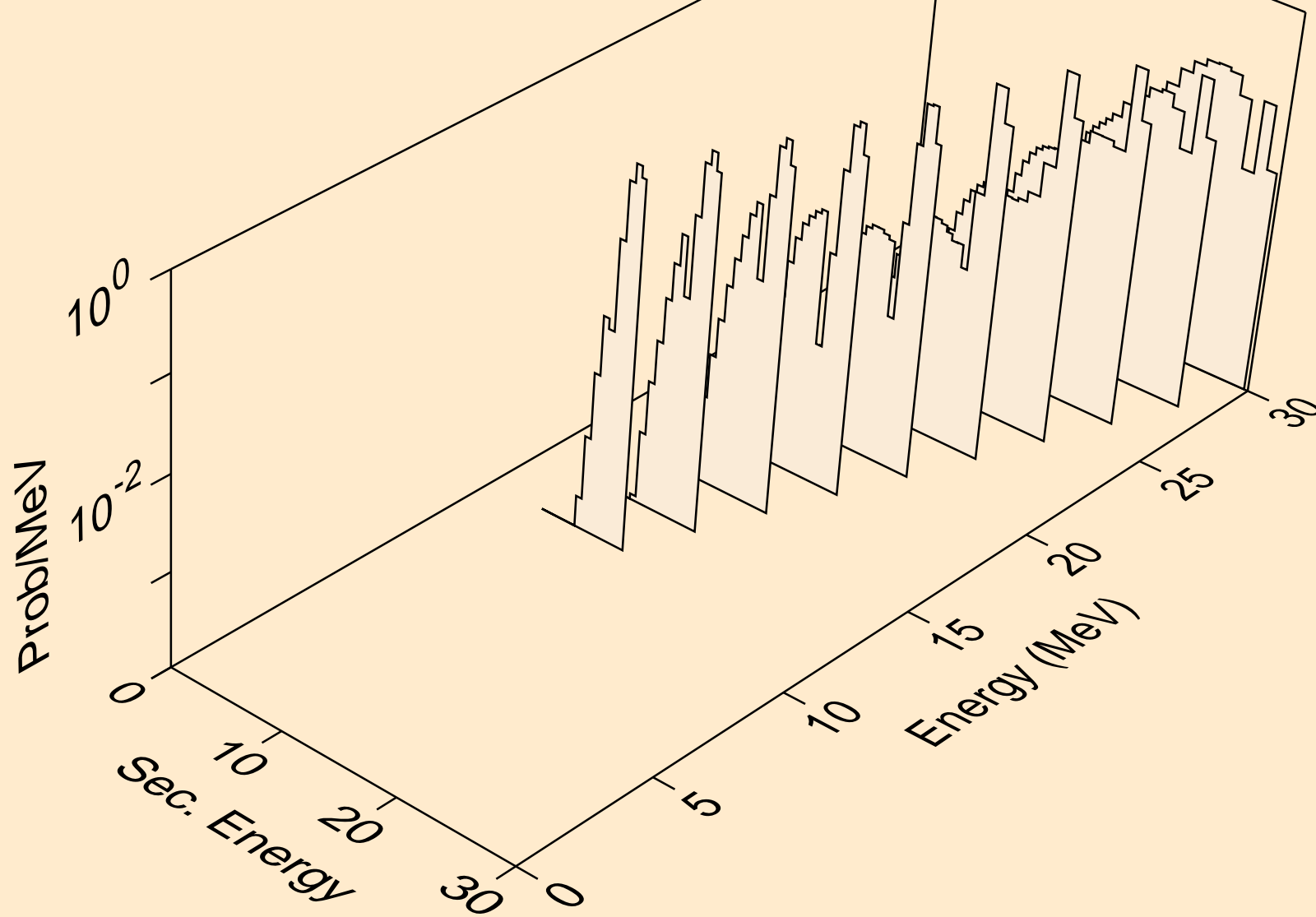
TL190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Alpha emission for (a,n*)a



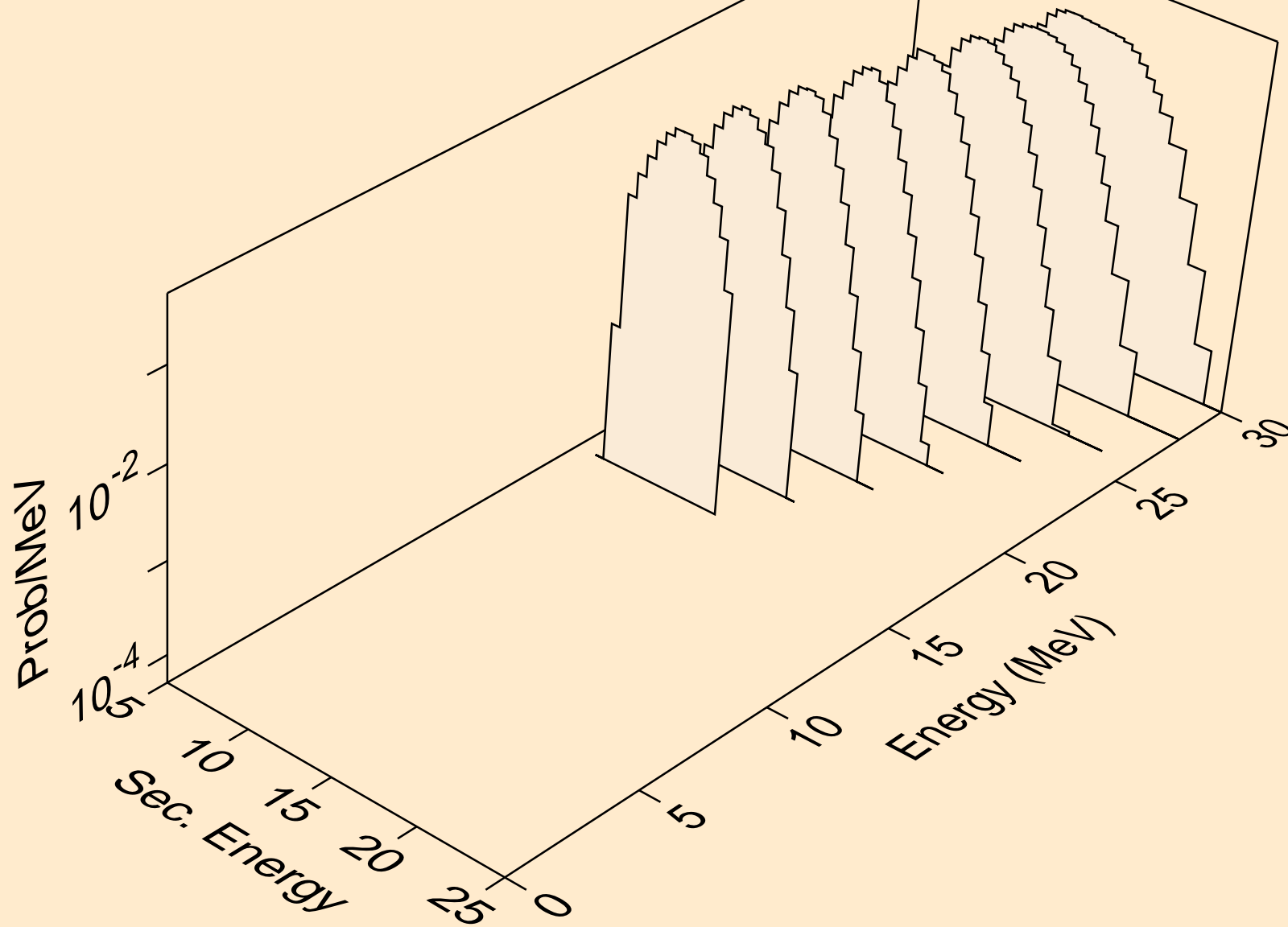
TL190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Alpha emission for (a,2n)a



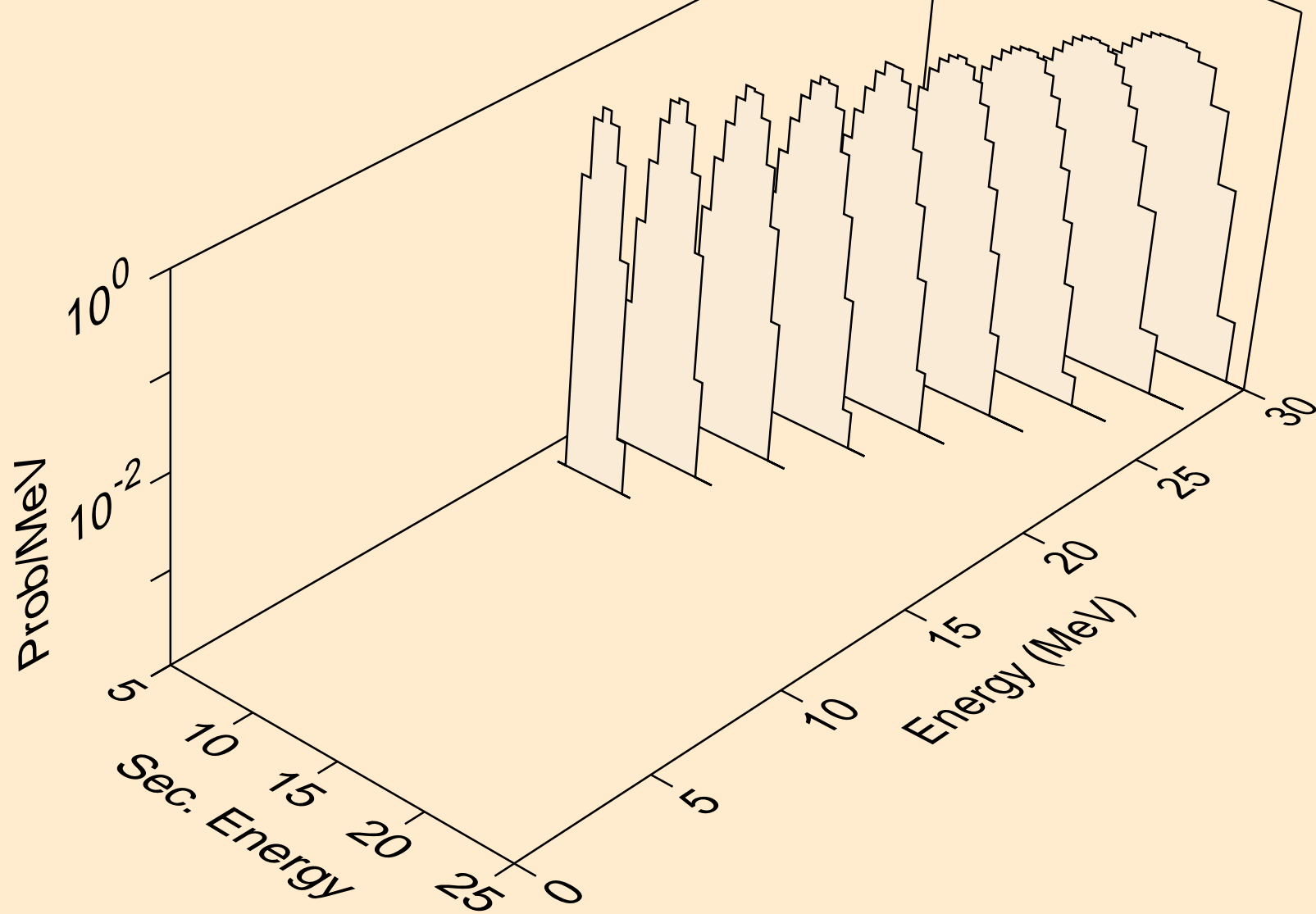
TL190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Alpha emission for inelastic



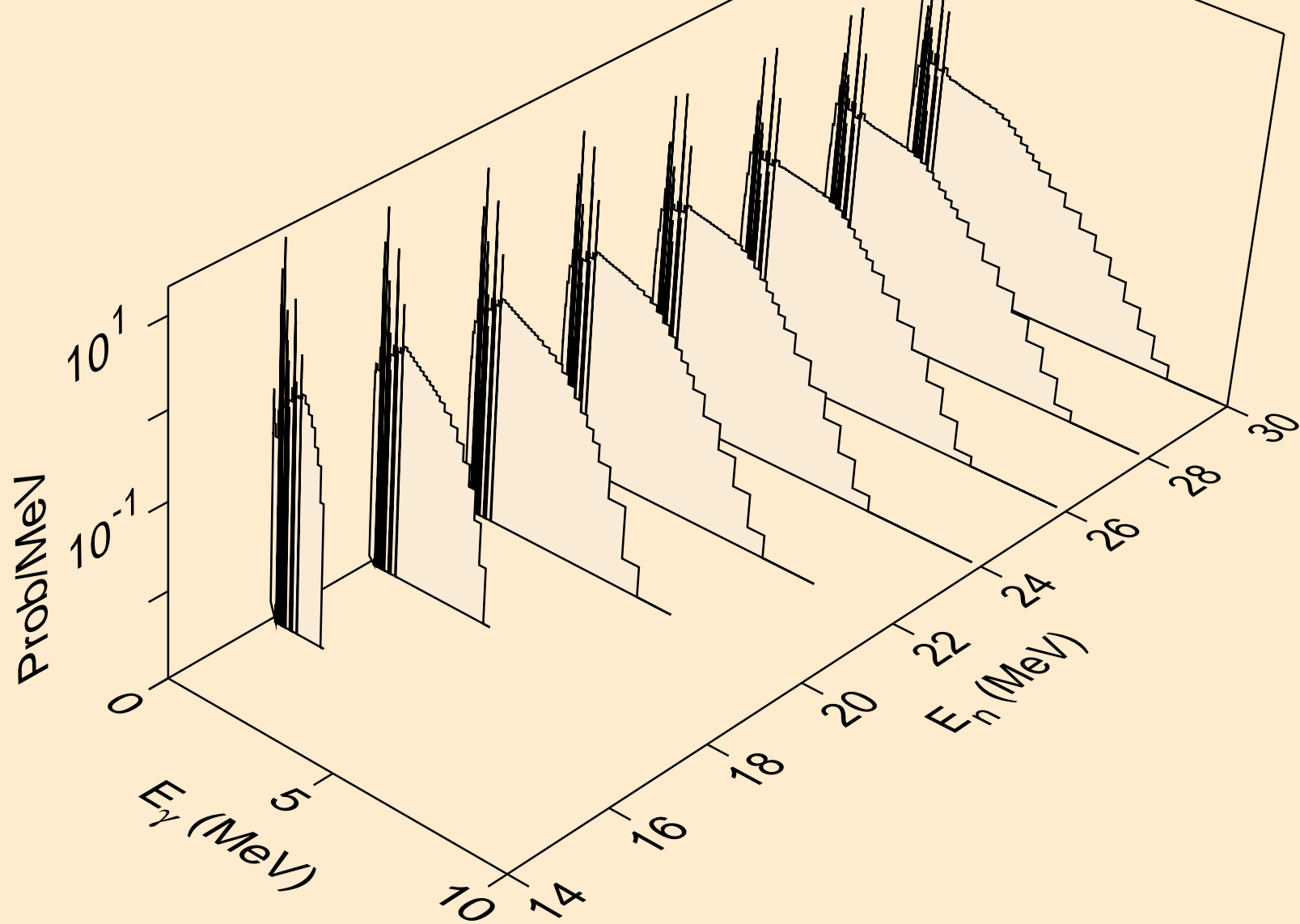
TL190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Alpha emission for (a,2a)



TL190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Alpha emission for (a,pa)

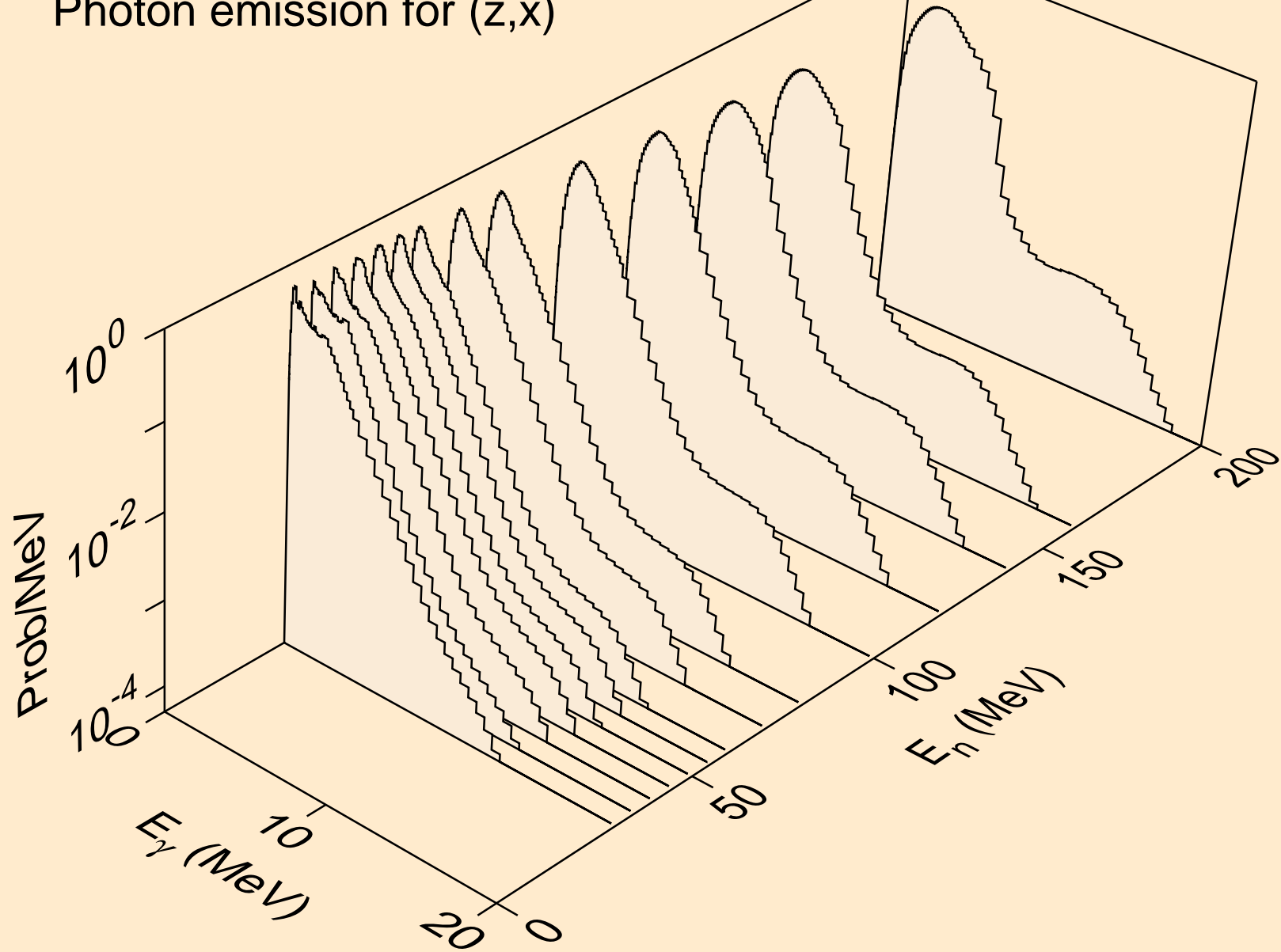


TL190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (z,n)

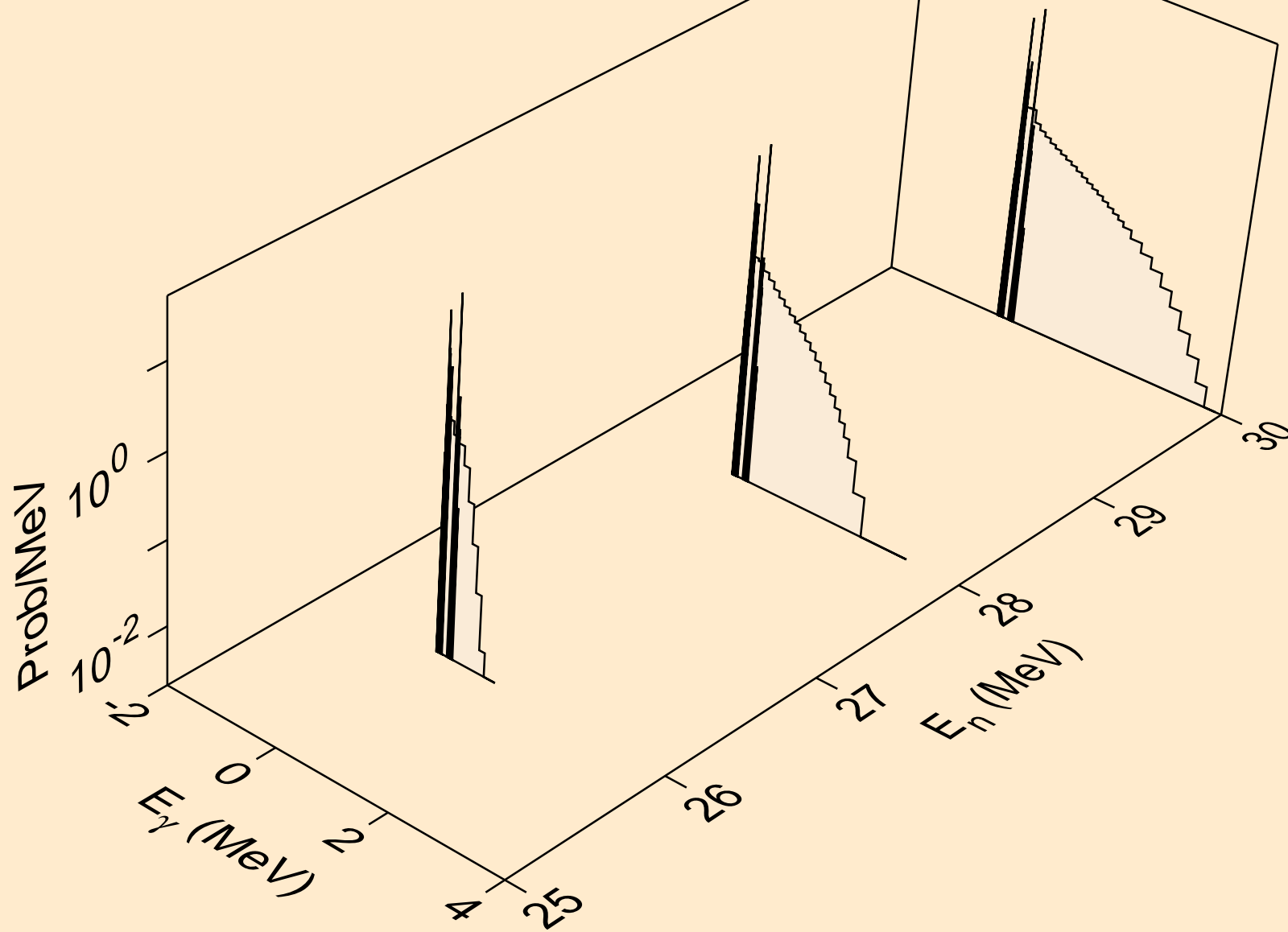


TL190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

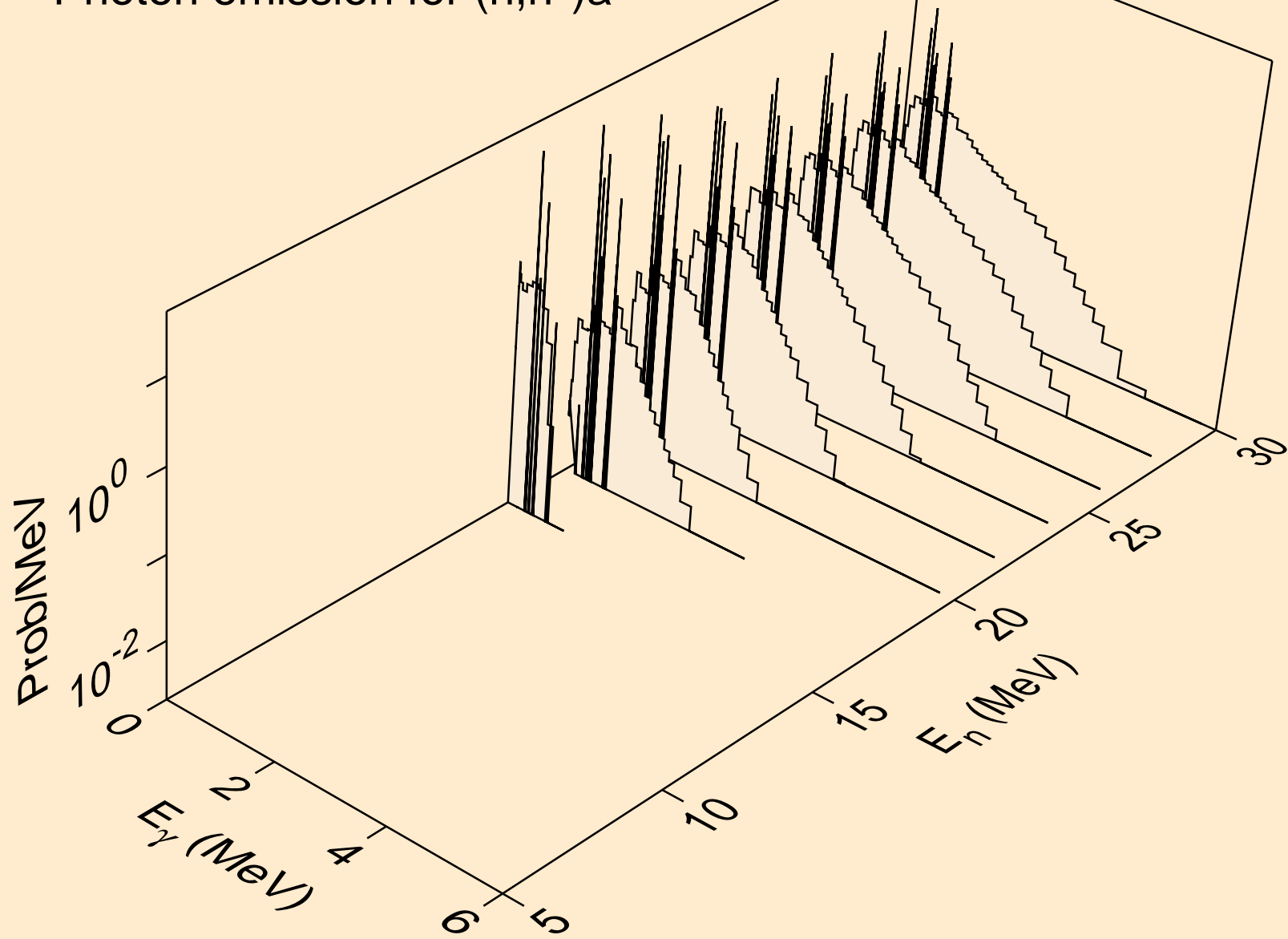
Photon emission for (z,x)



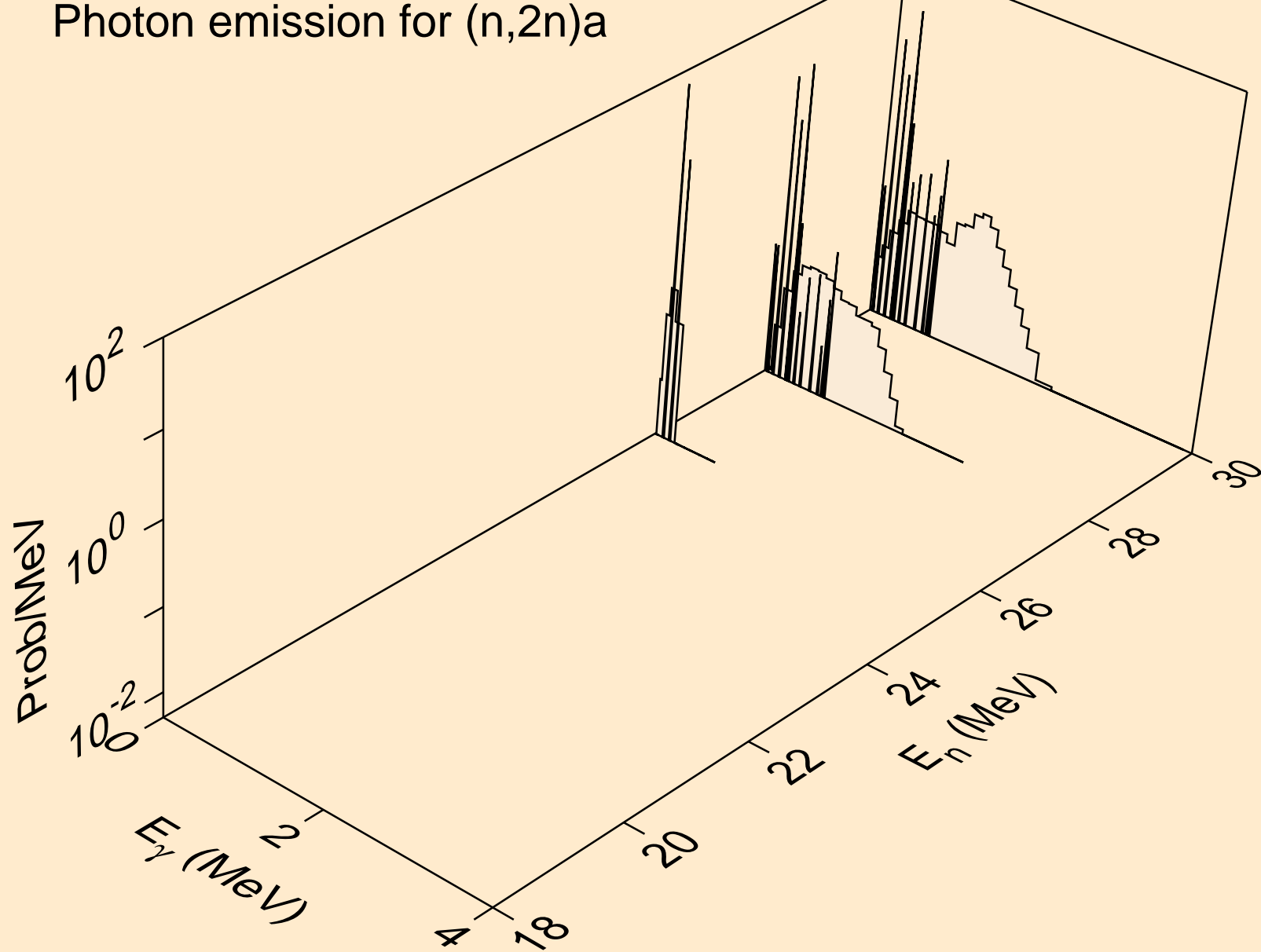
TL190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)



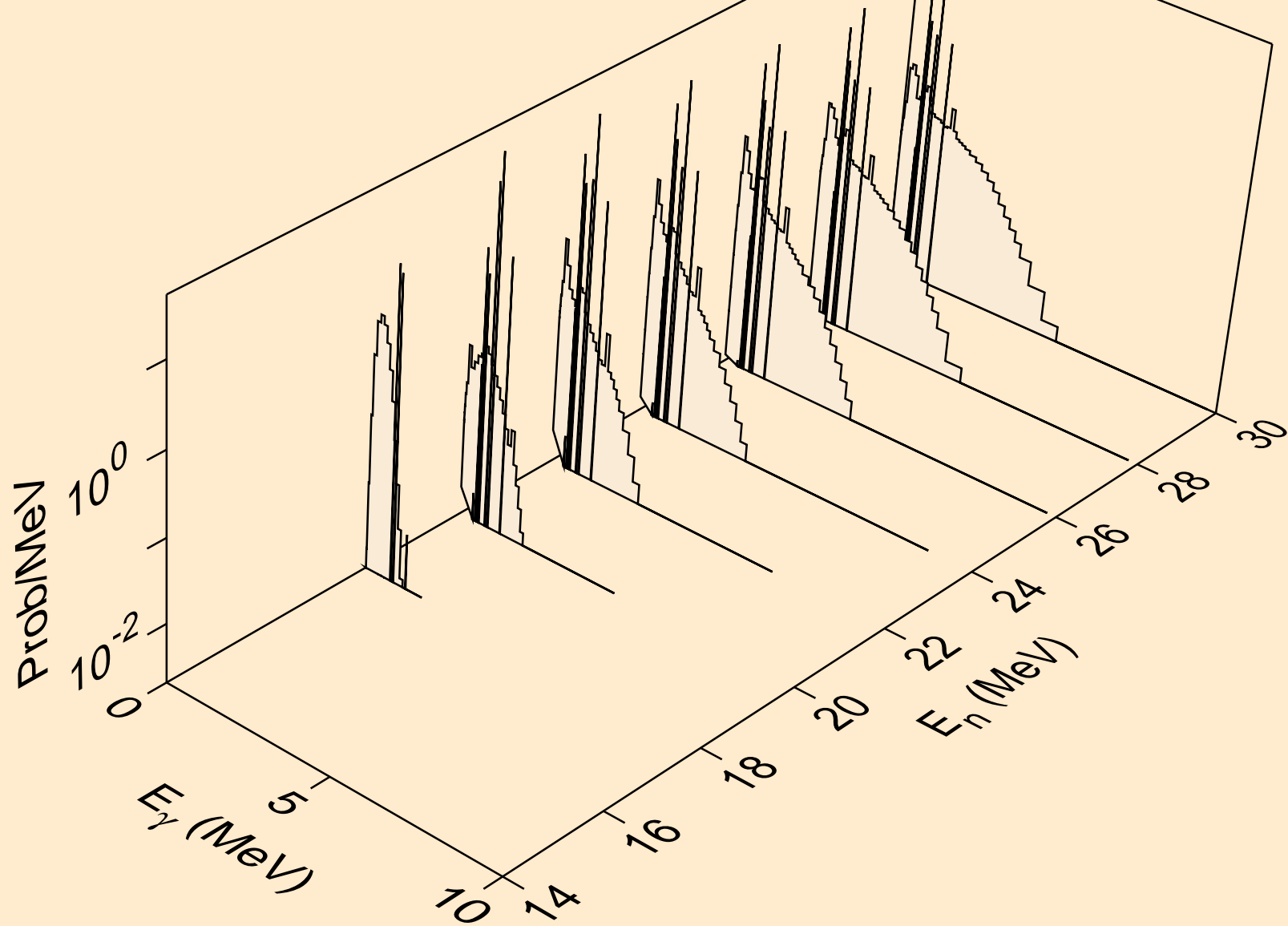
TL190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)a



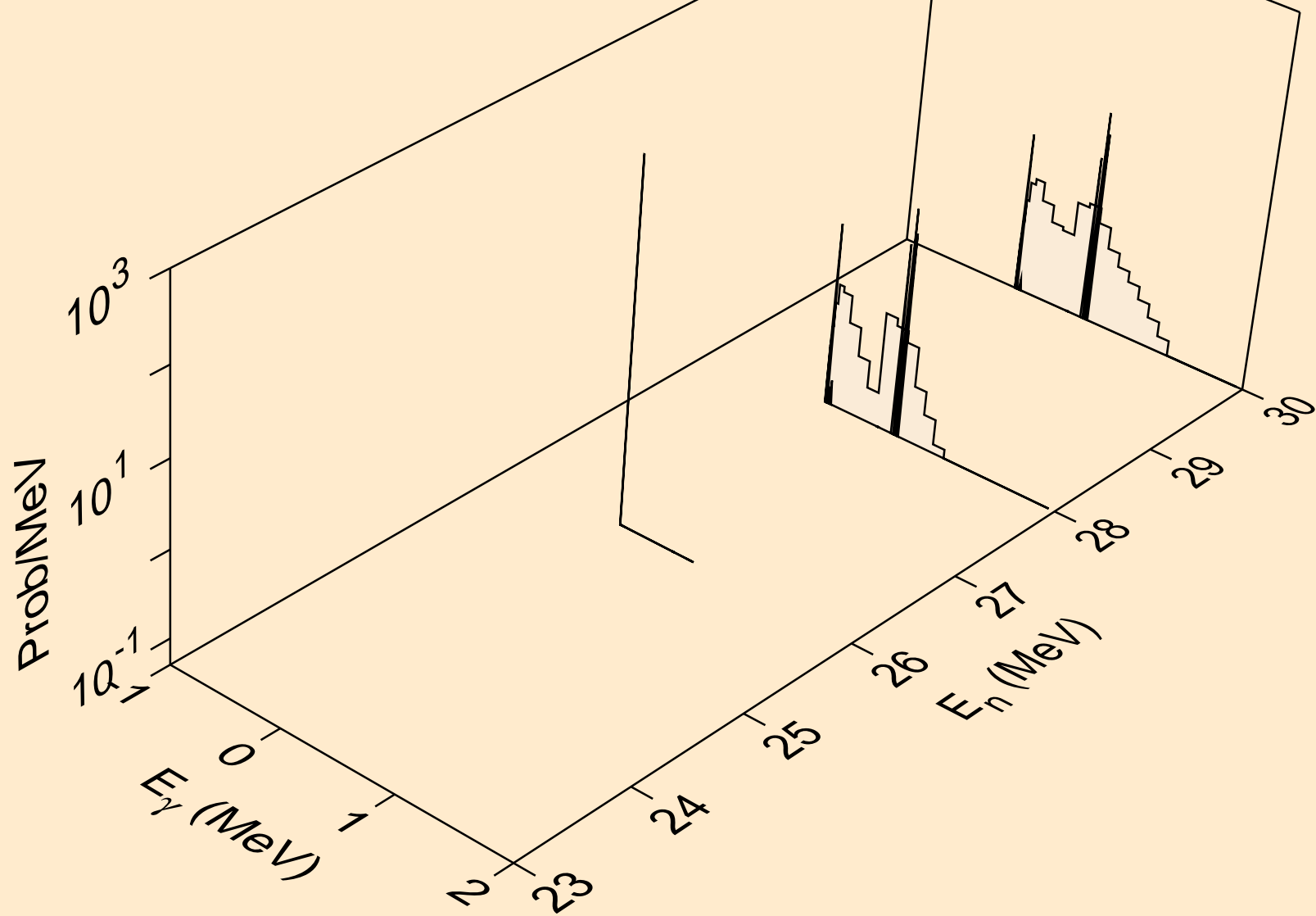
TL190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)a



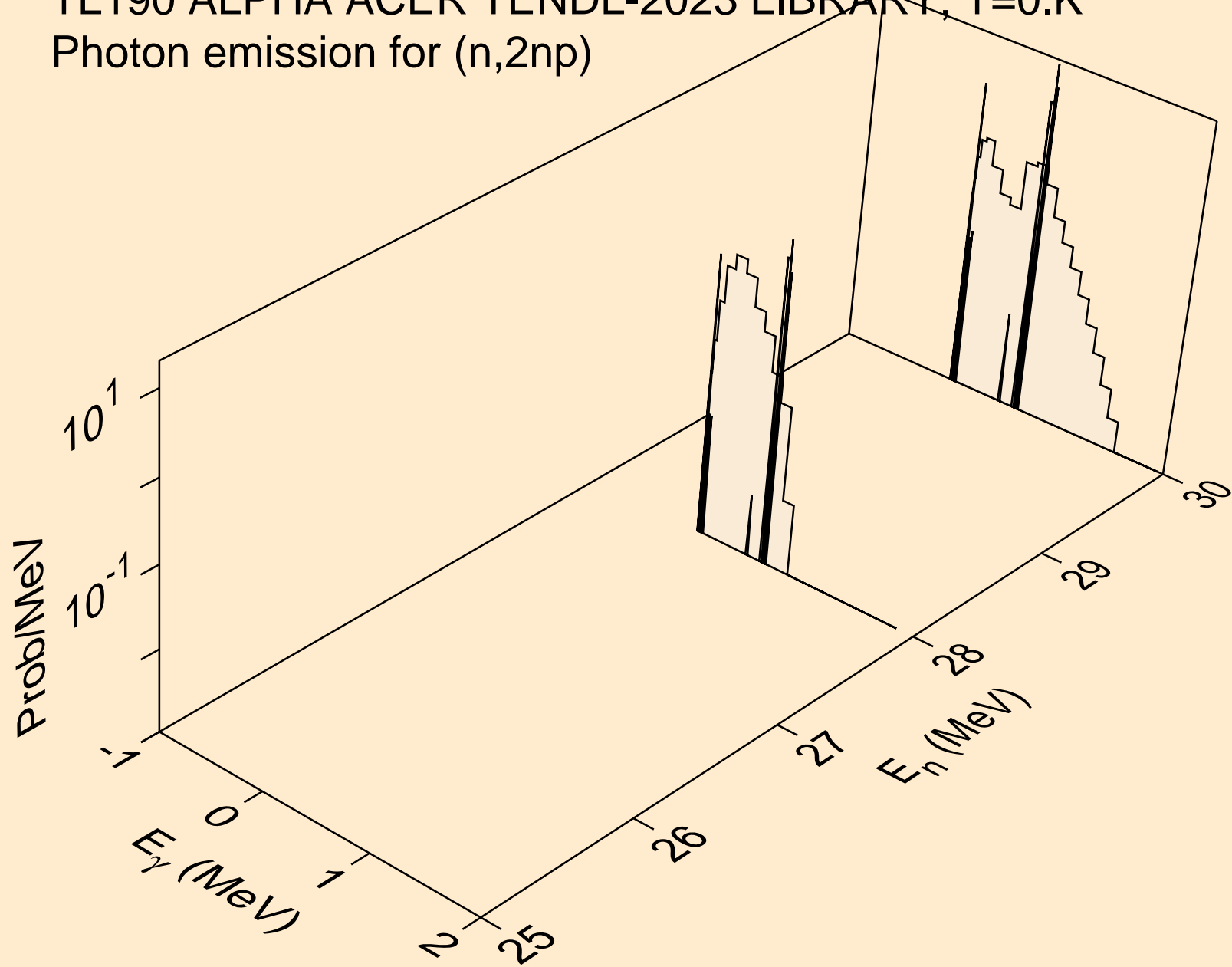
TL190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)p



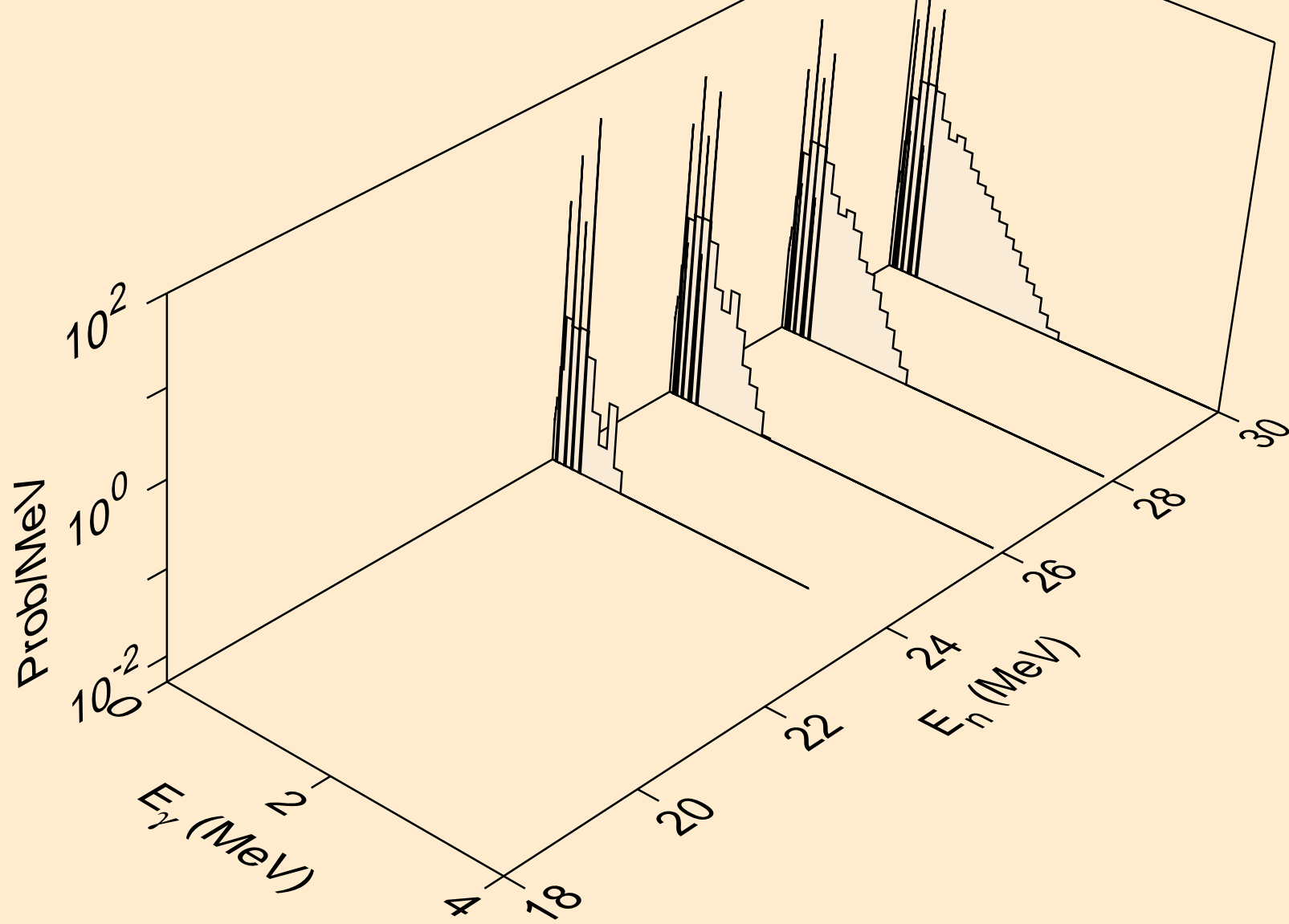
TL190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)d



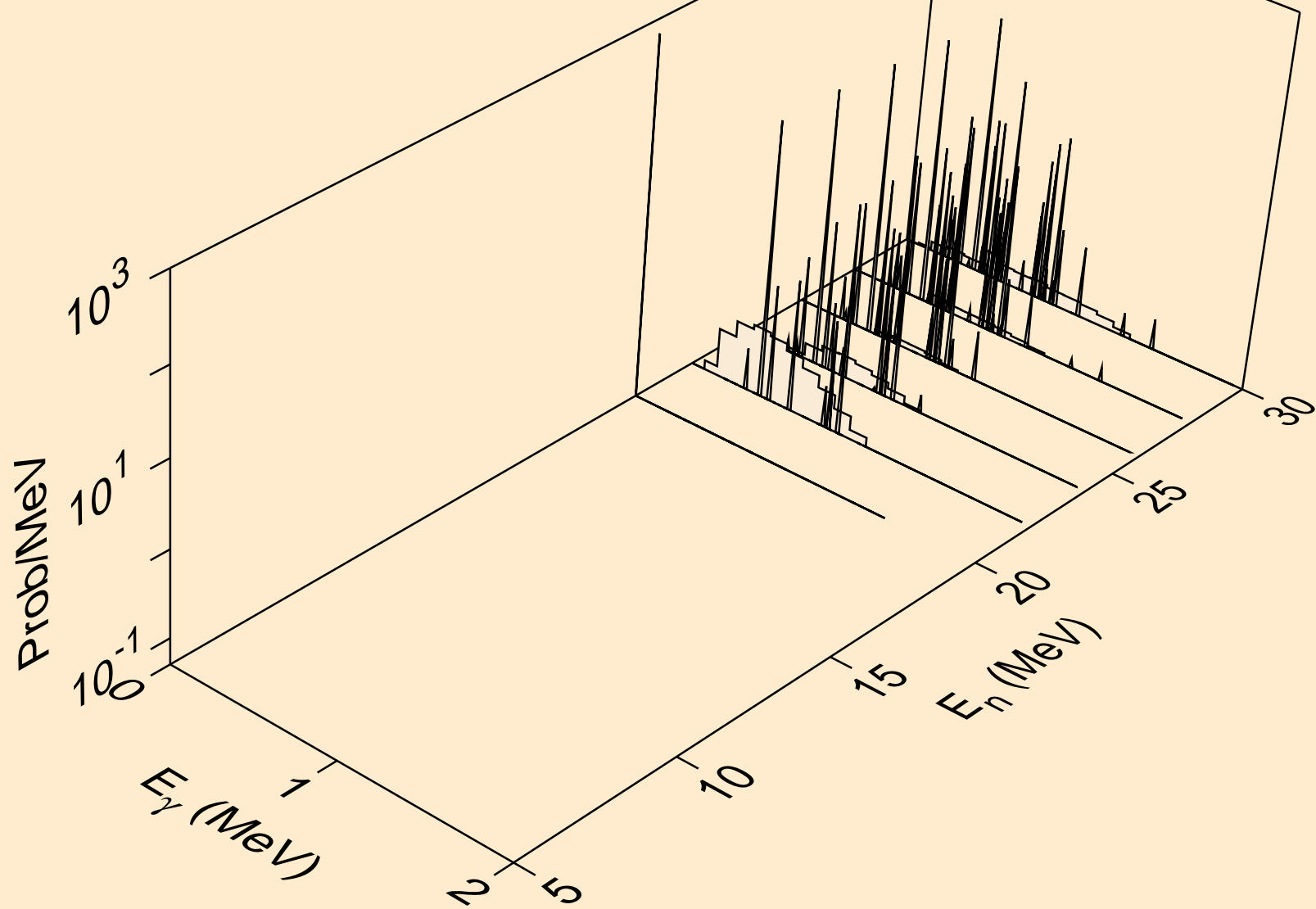
TL190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2np)



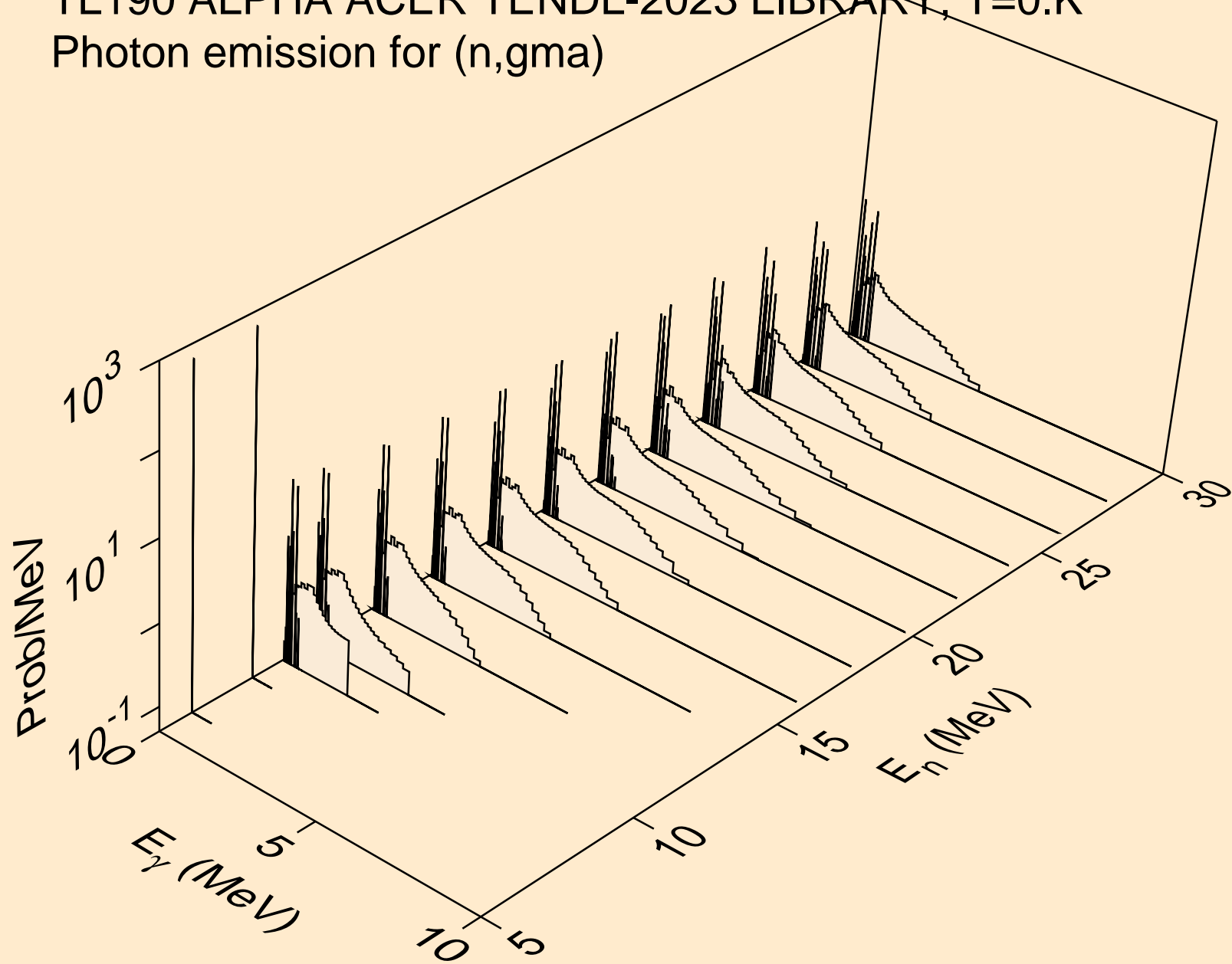
TL190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n2p)



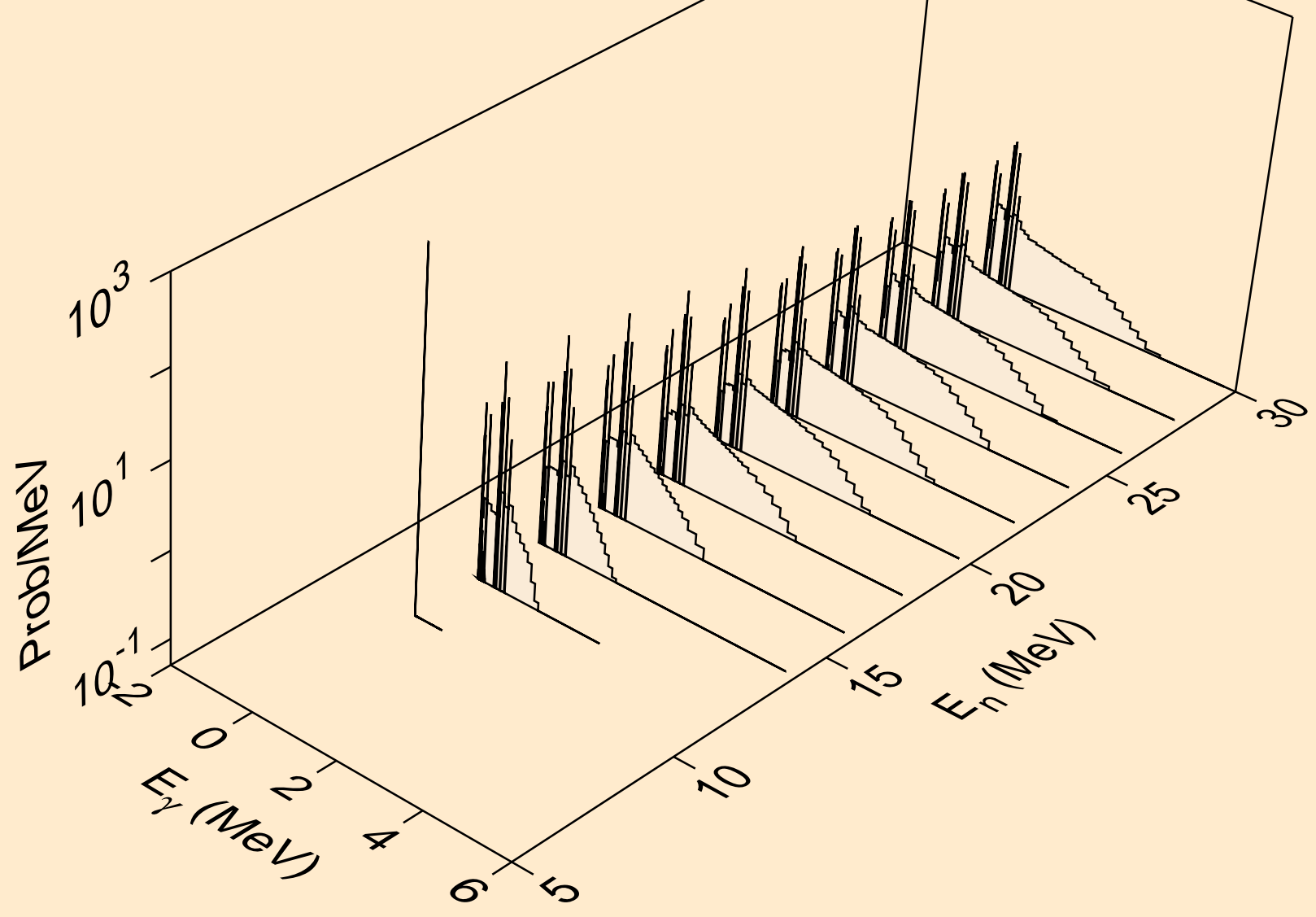
TL190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,npa)



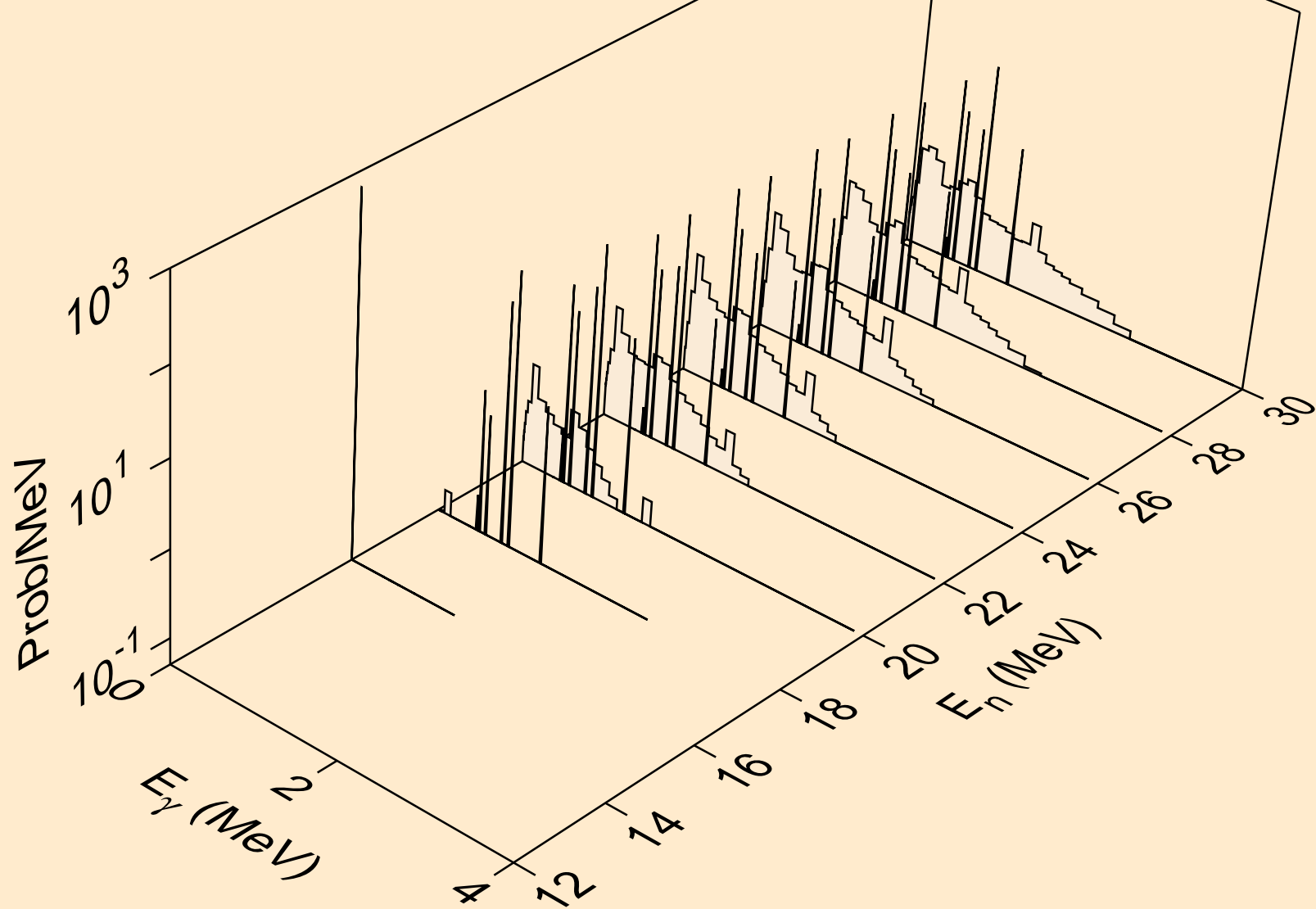
TL190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



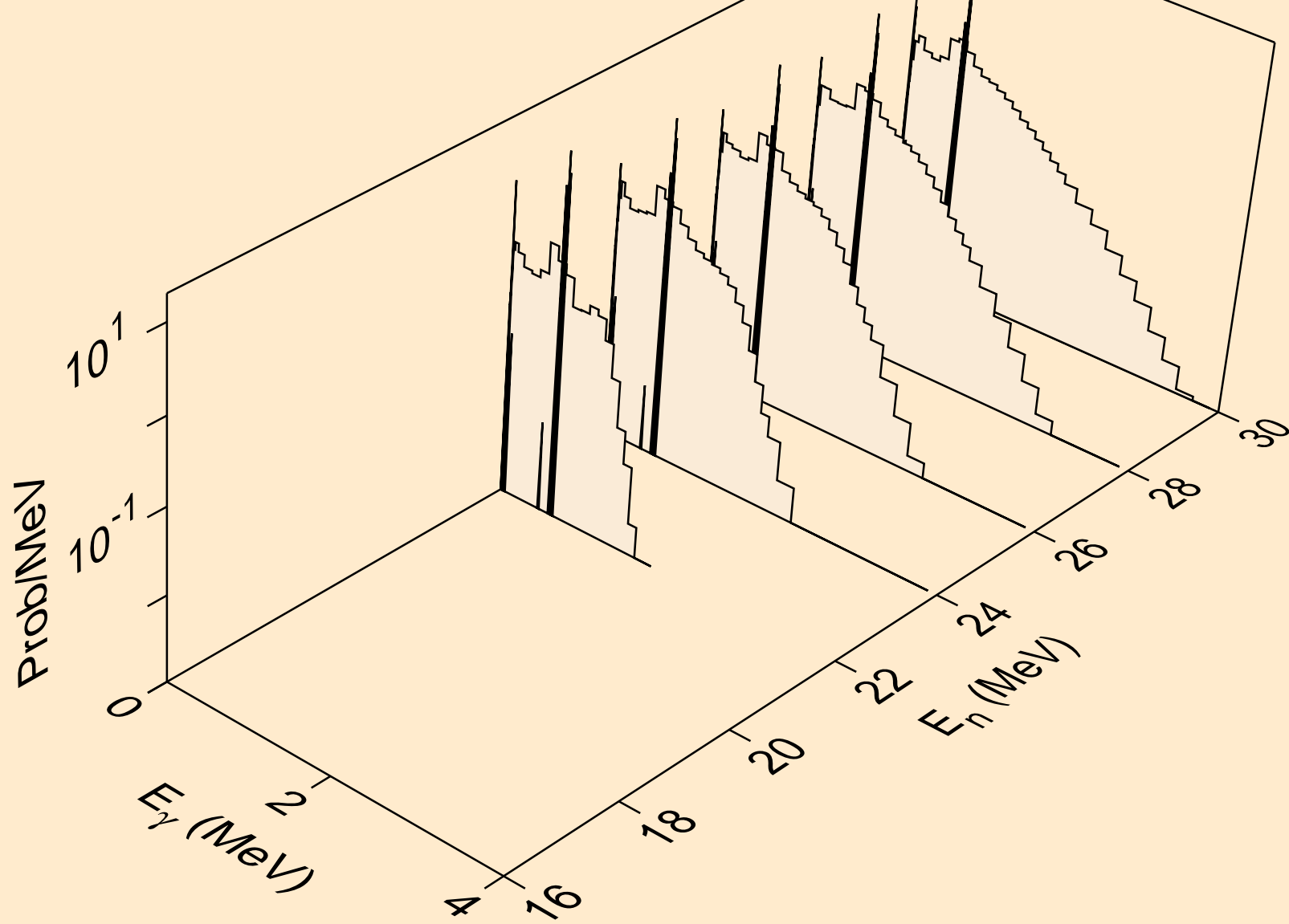
TL190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p)



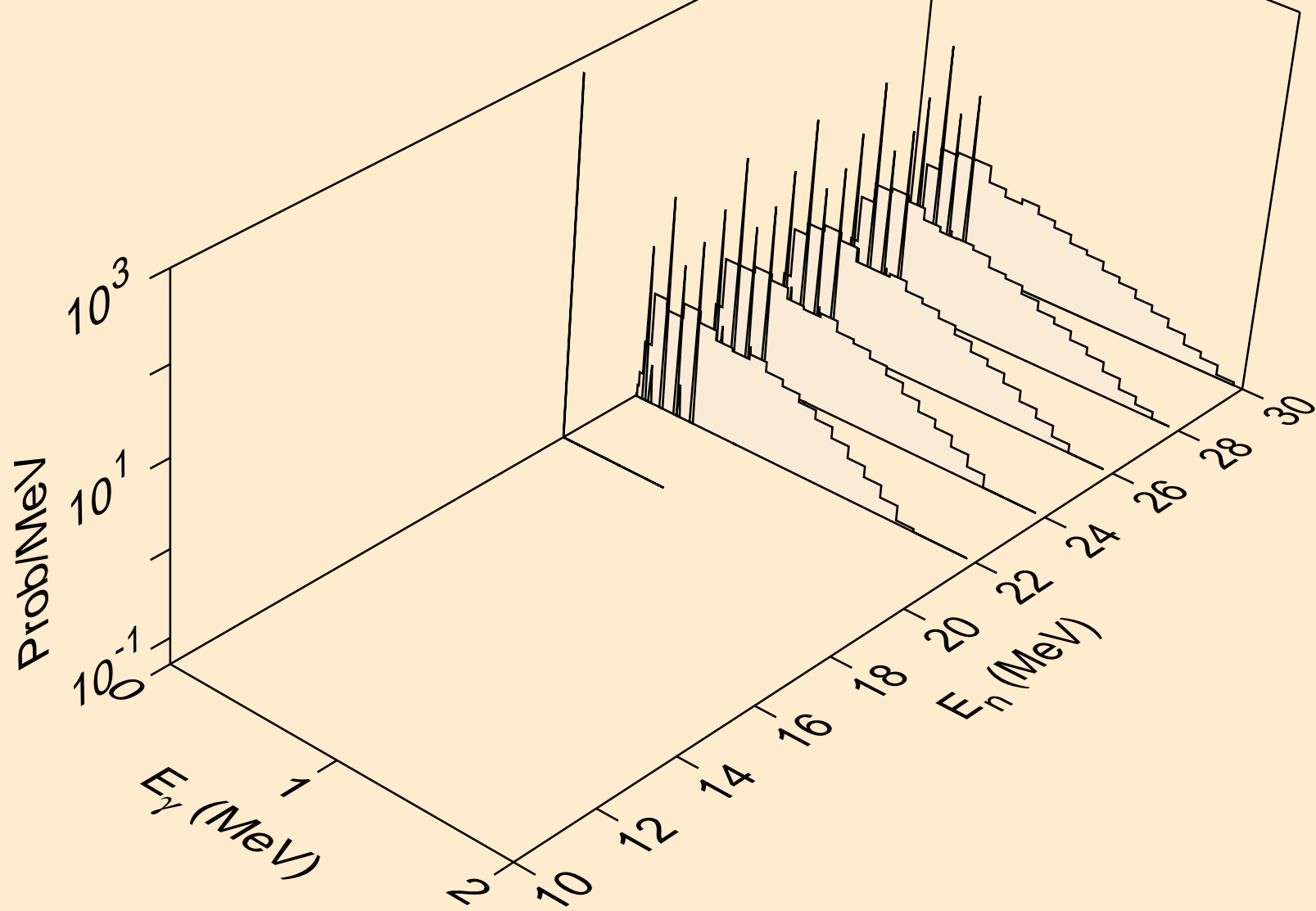
TL190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)



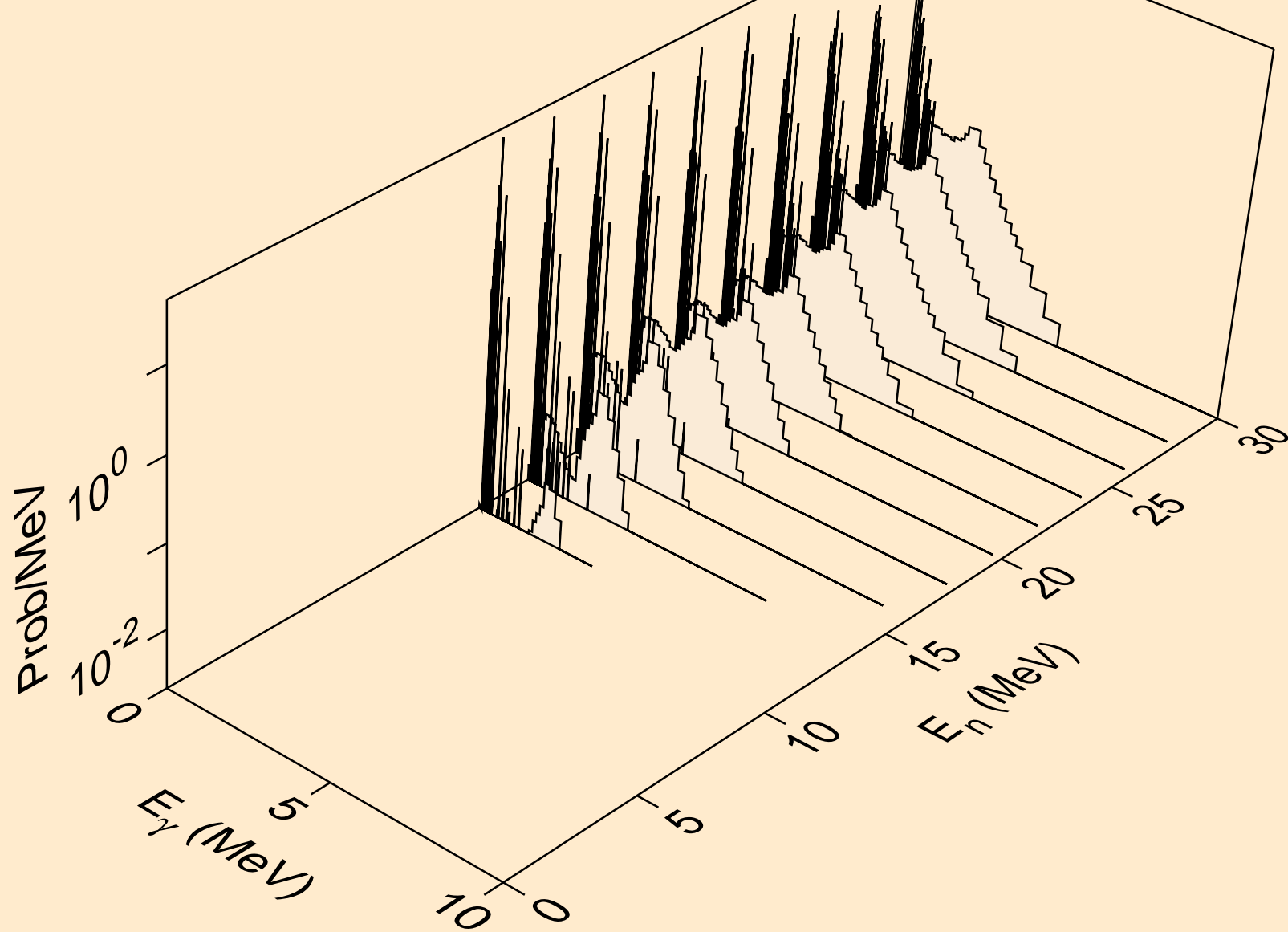
TL190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)



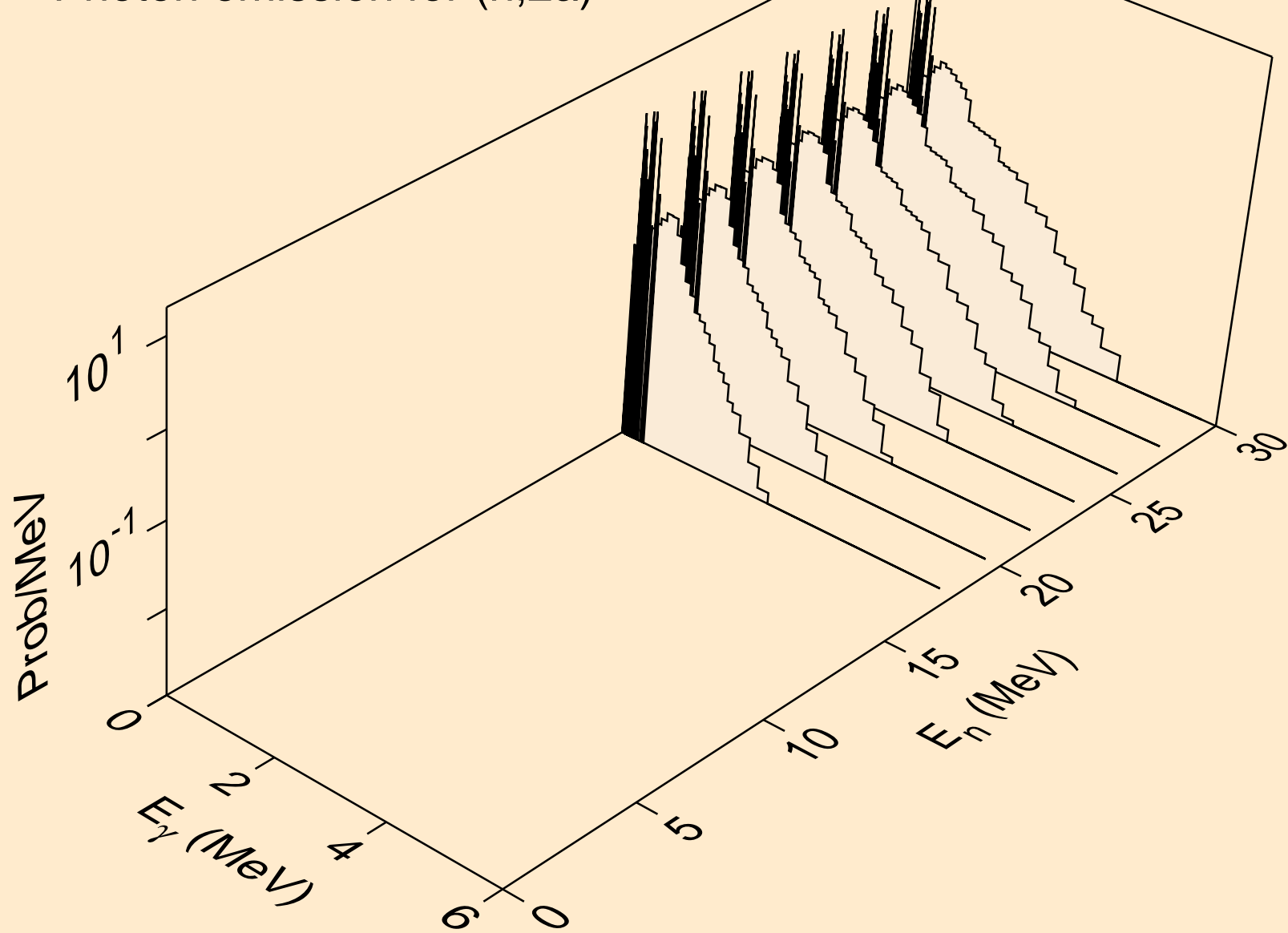
TL190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,he3)



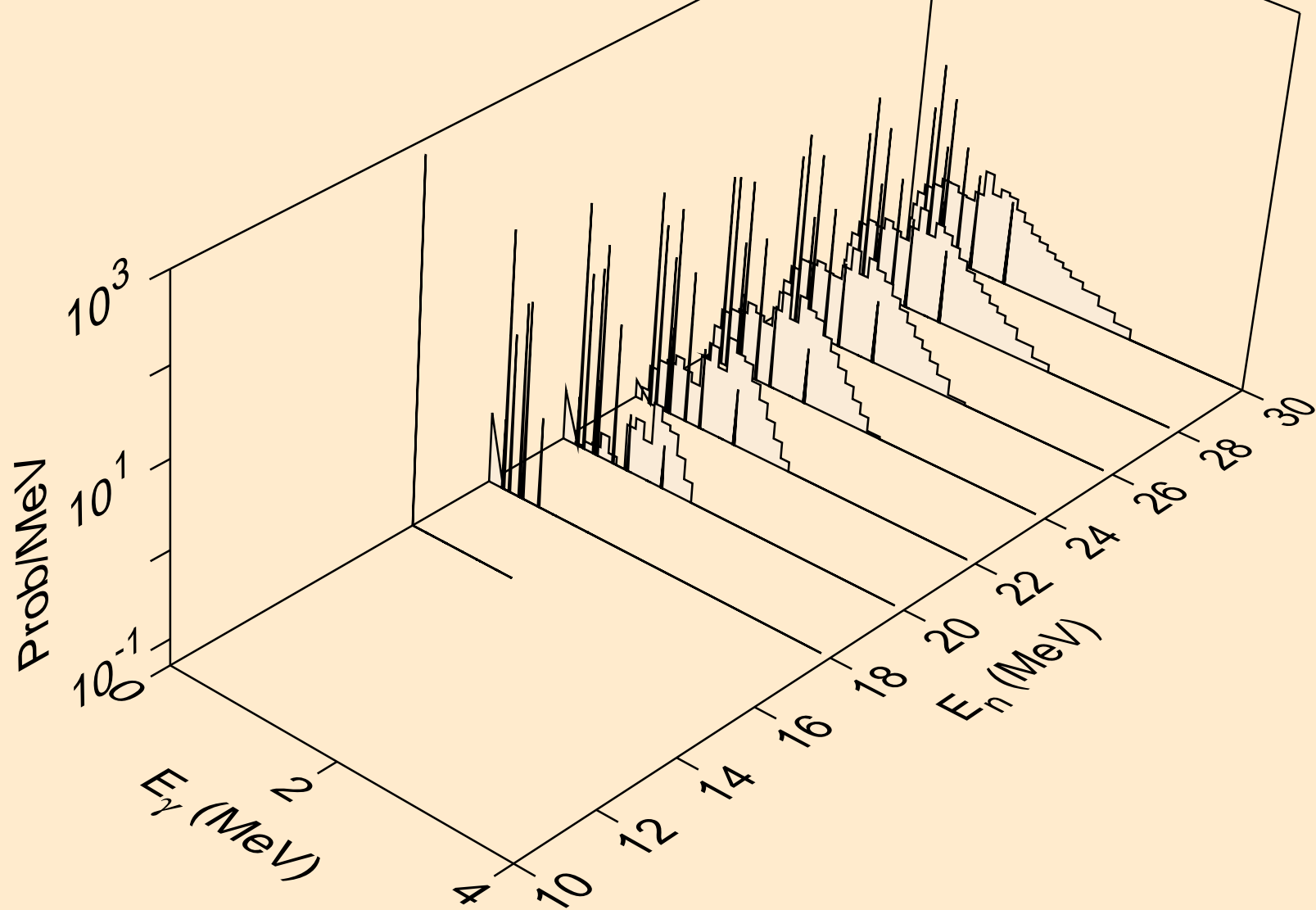
TL190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for inelastic



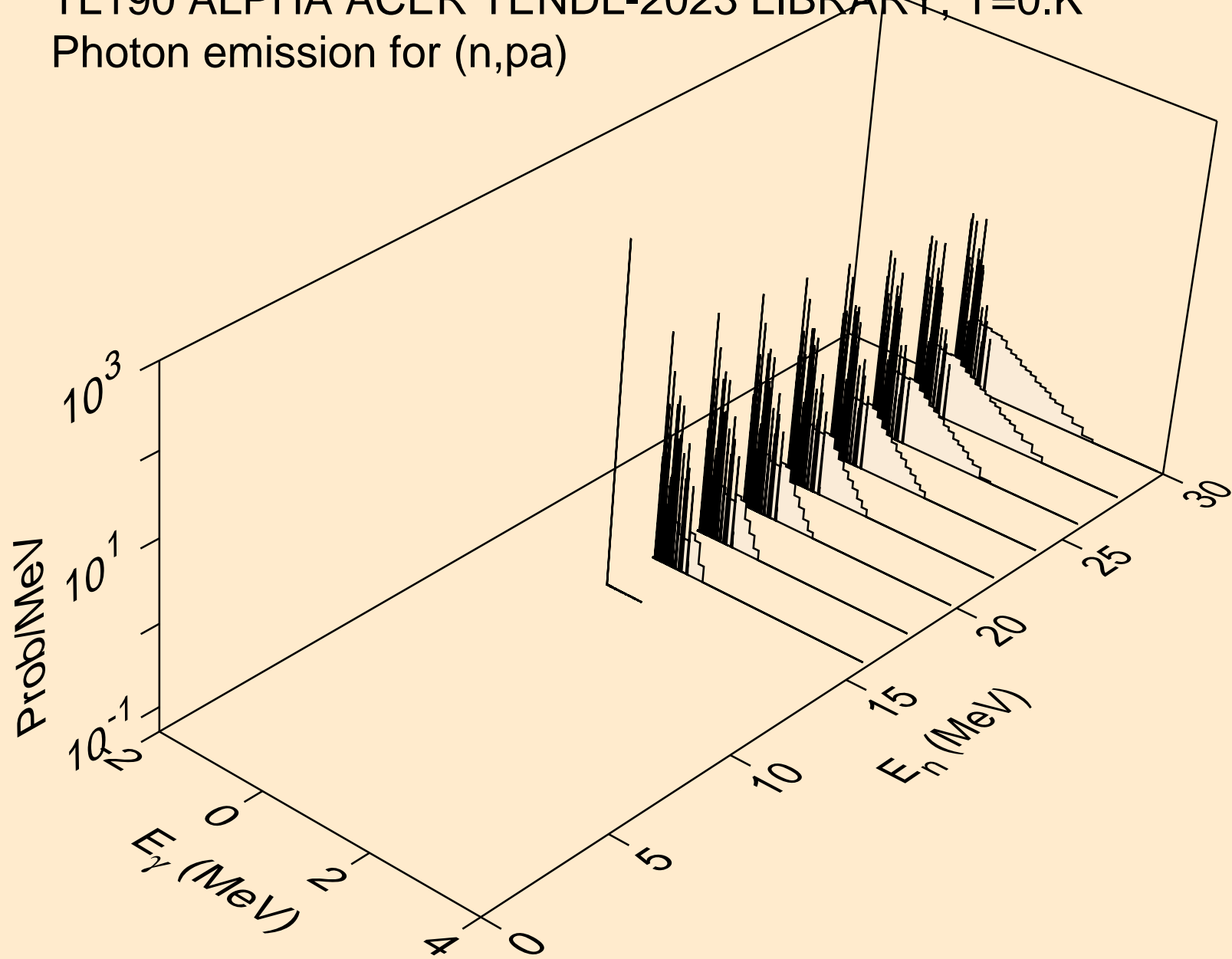
TL190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2a)



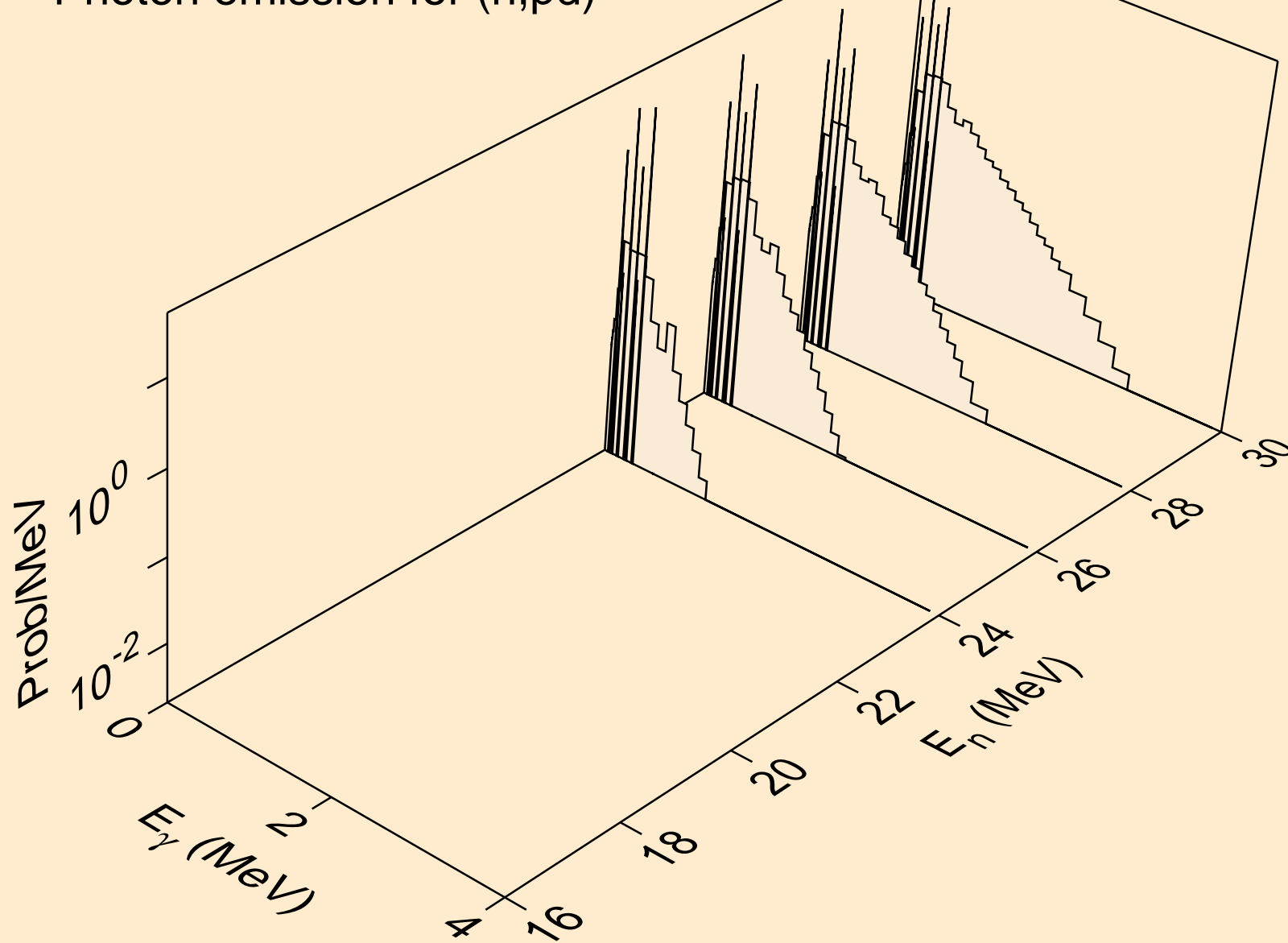
TL190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2p)



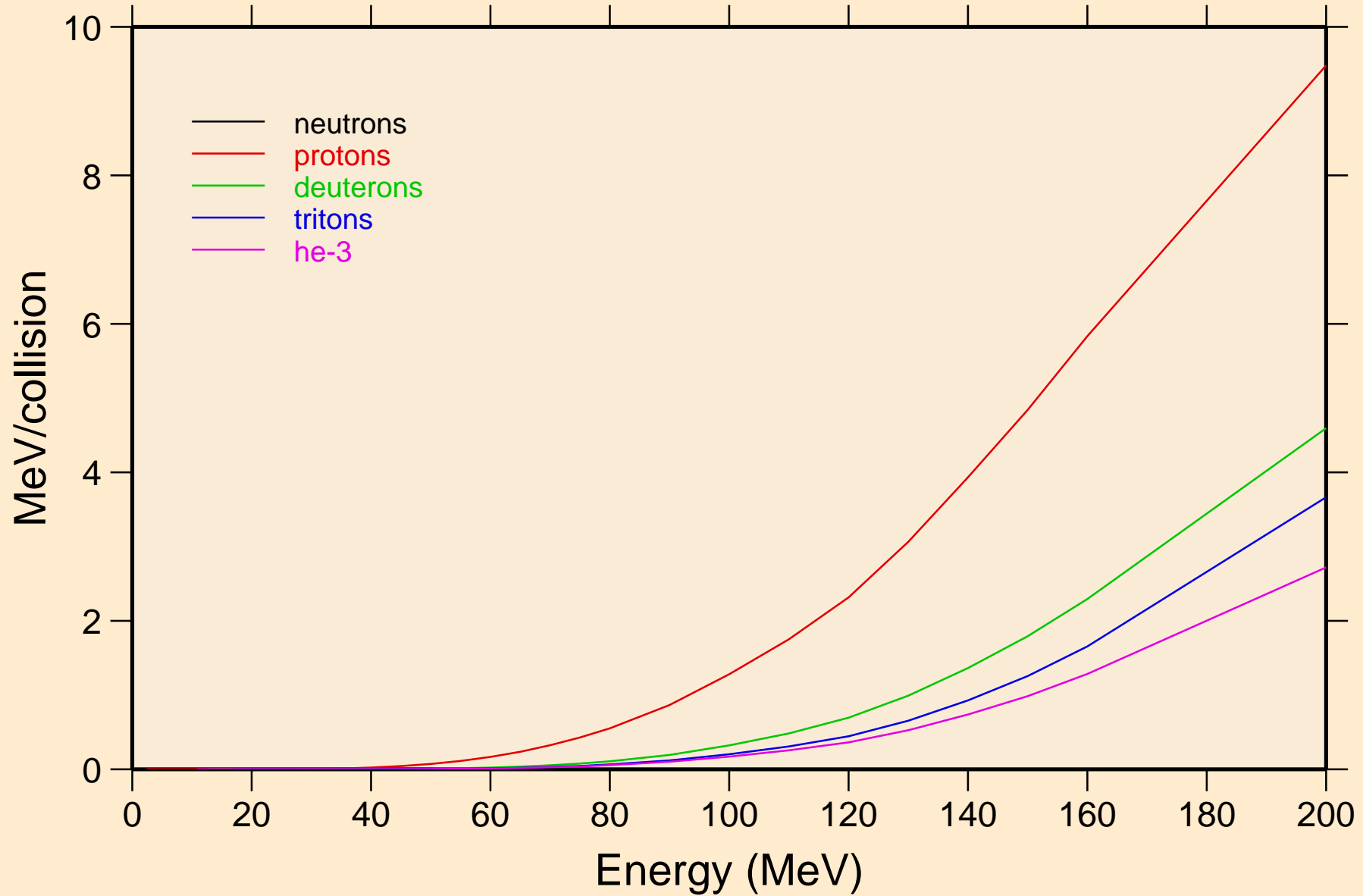
TL190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pa)



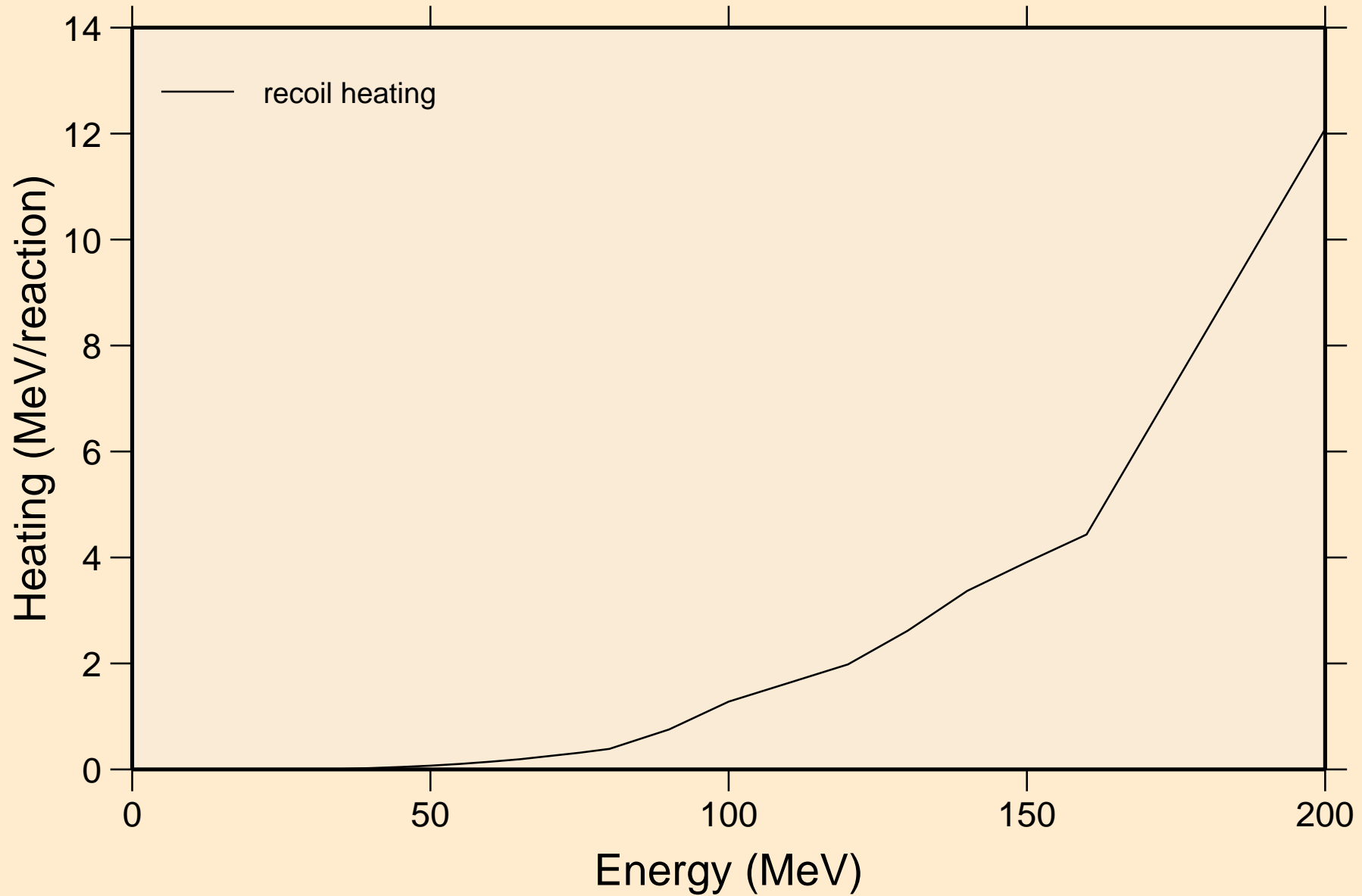
TL190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pd)



TL190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Particle heating contributions

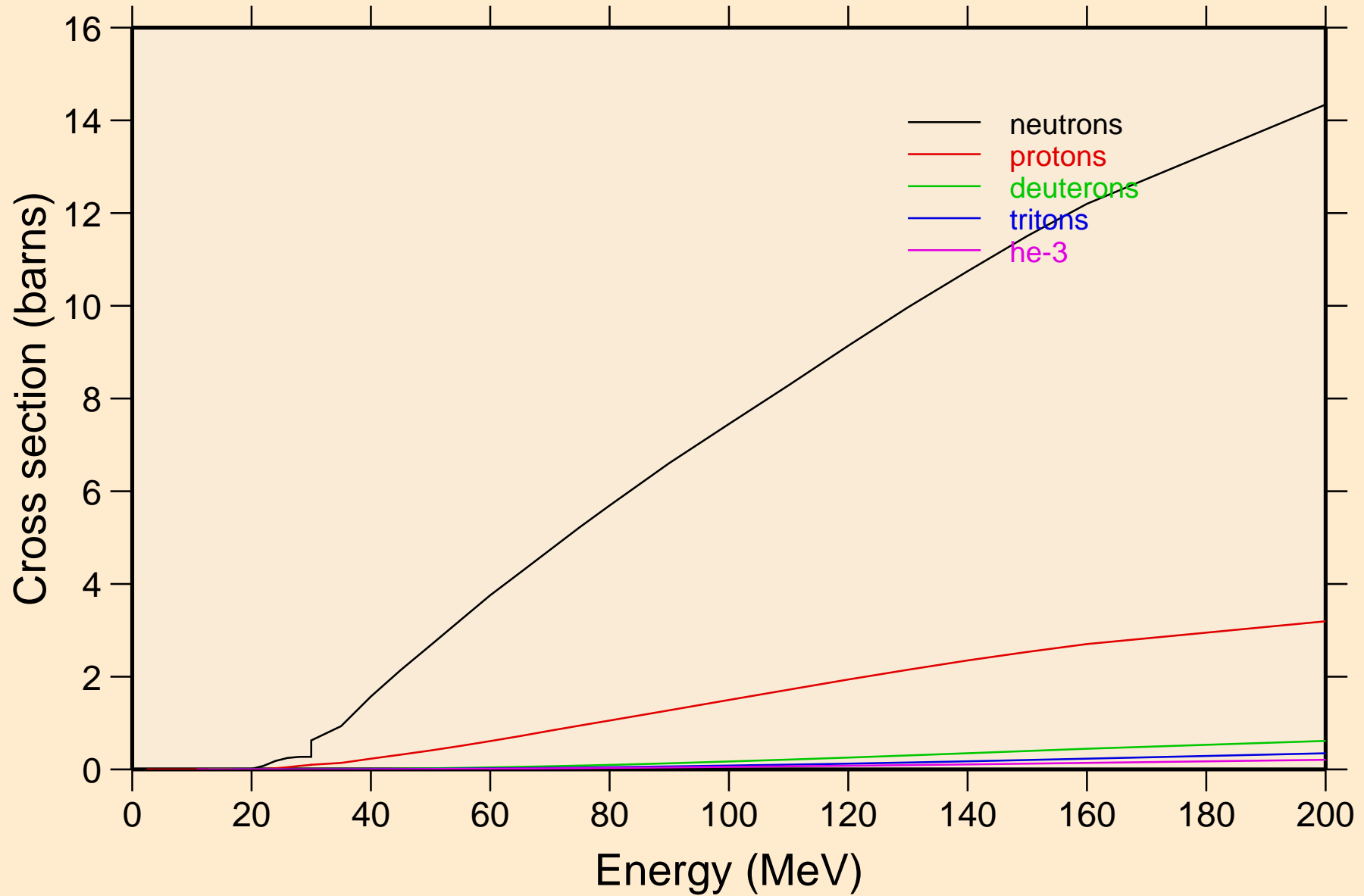


TL190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Recoil Heating

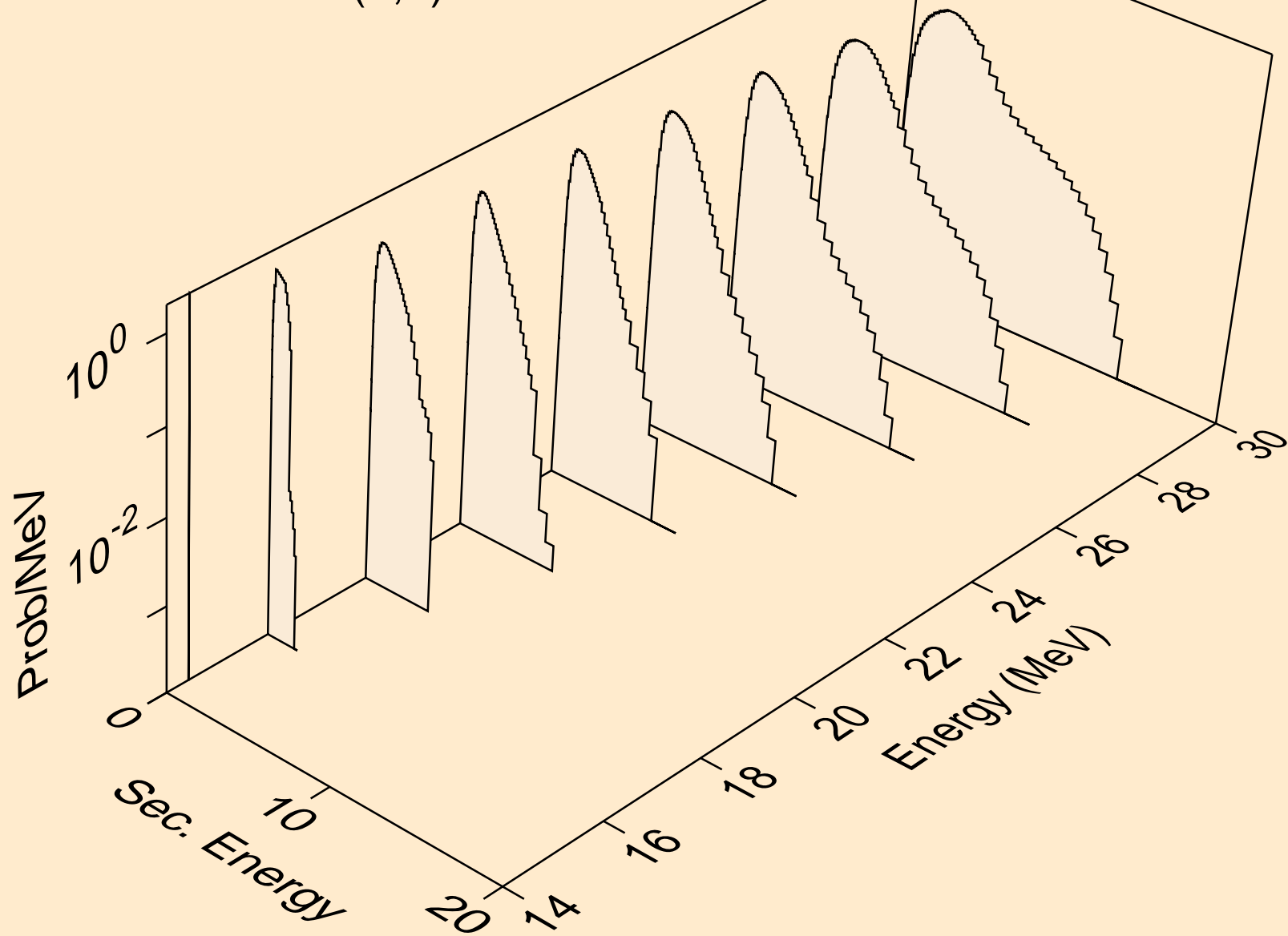


TL190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

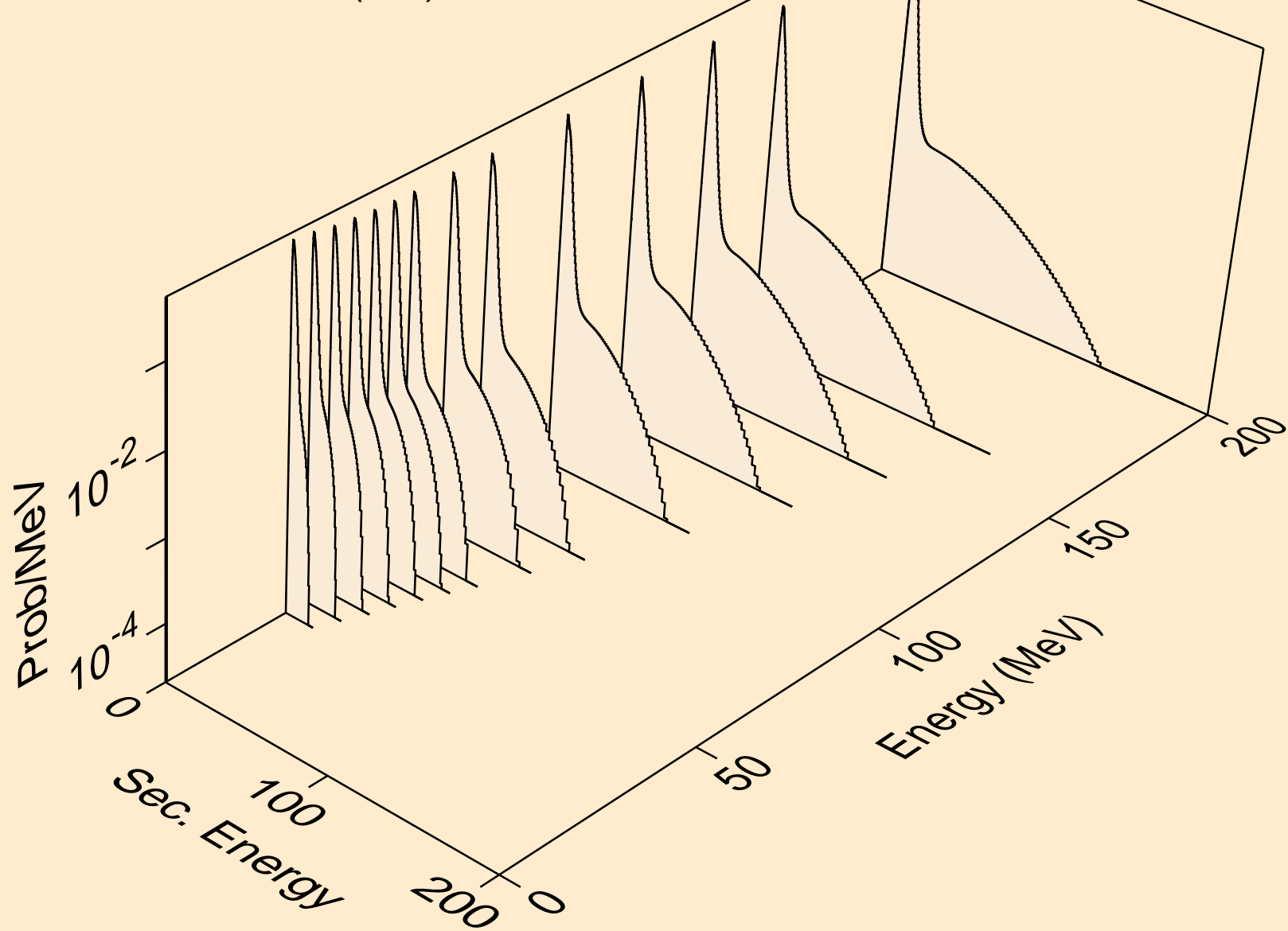
Particle production cross sections



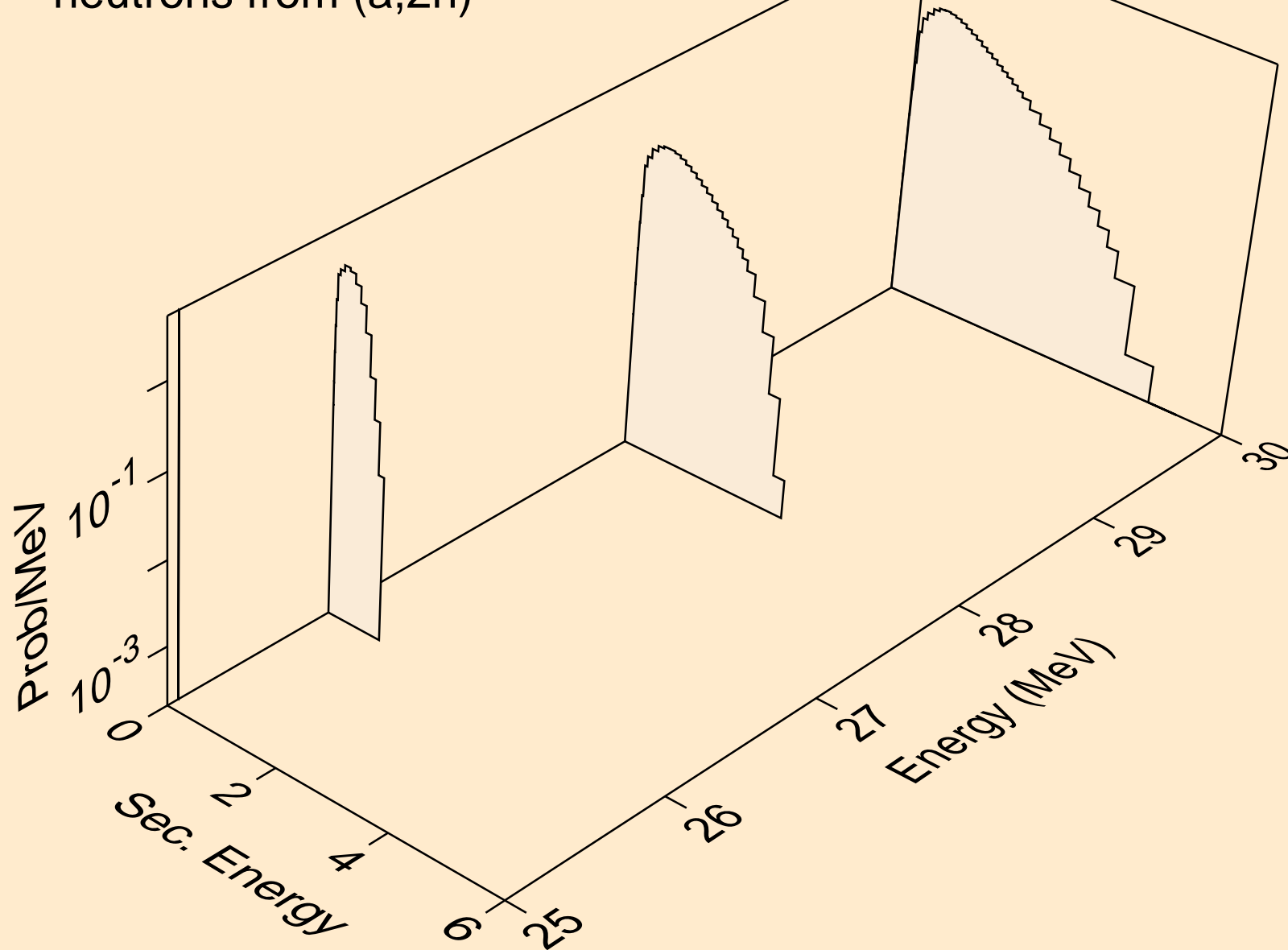
TL190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n)



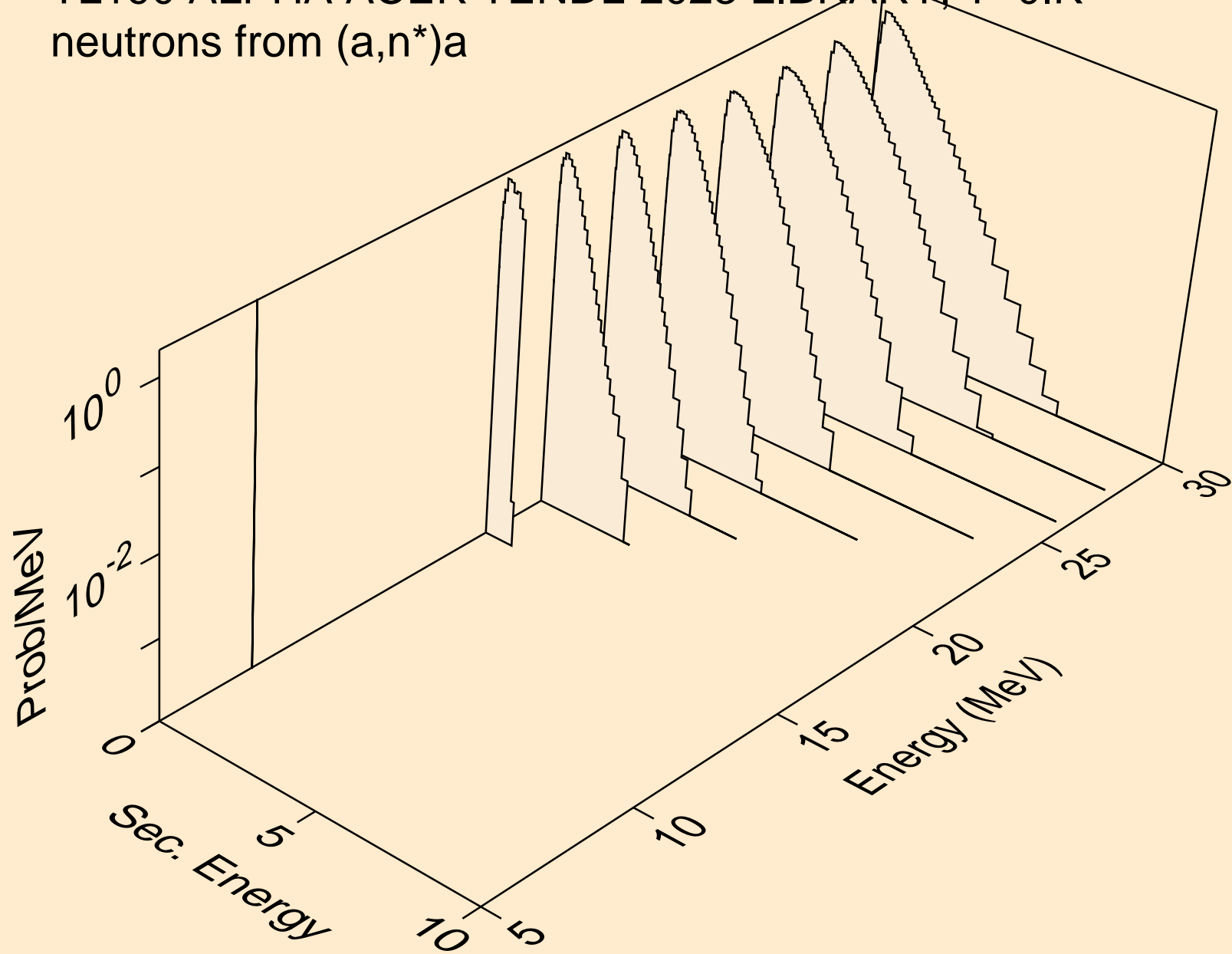
TL190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,x)



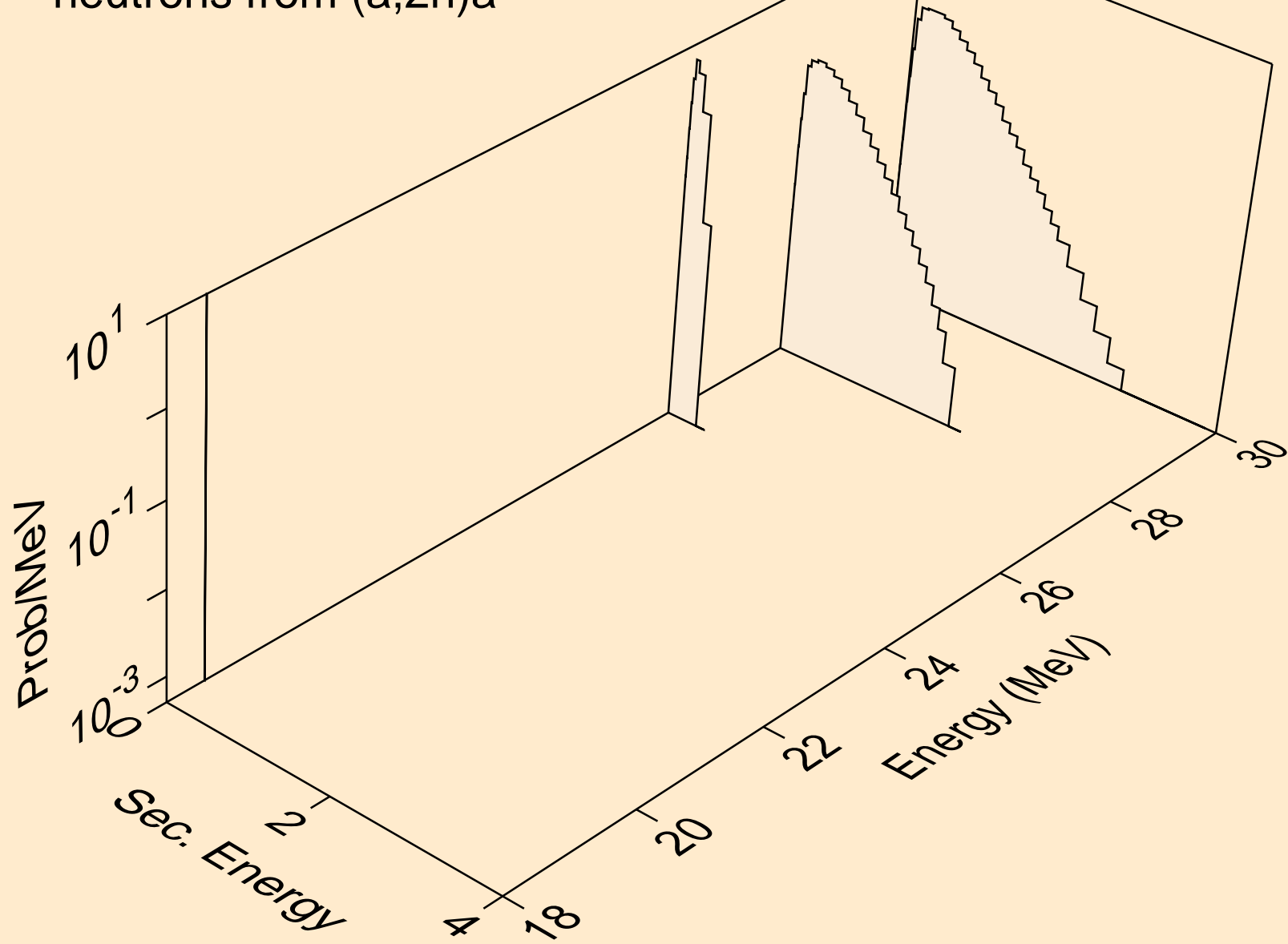
TL190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,2n)



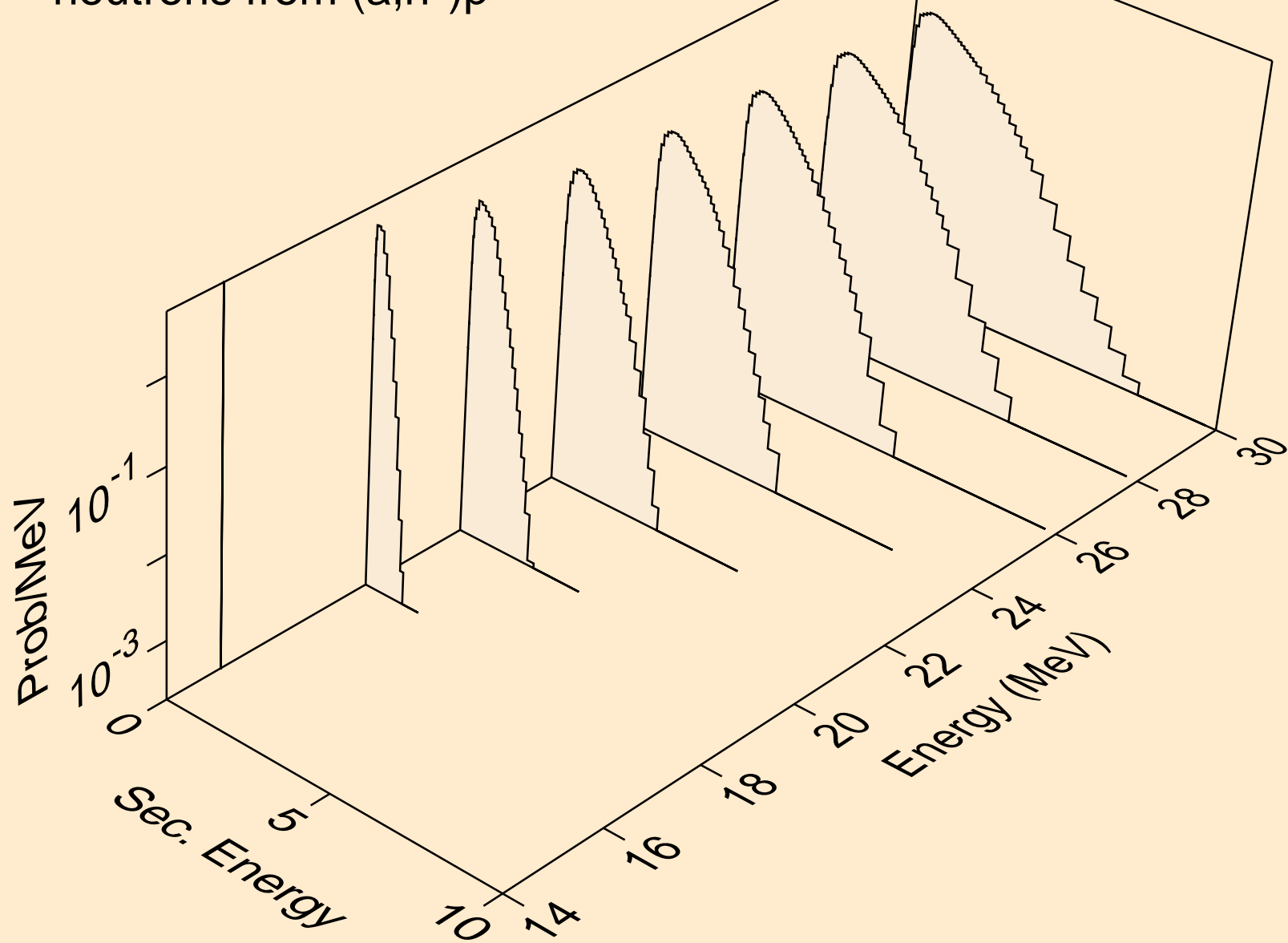
TL190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n*)a



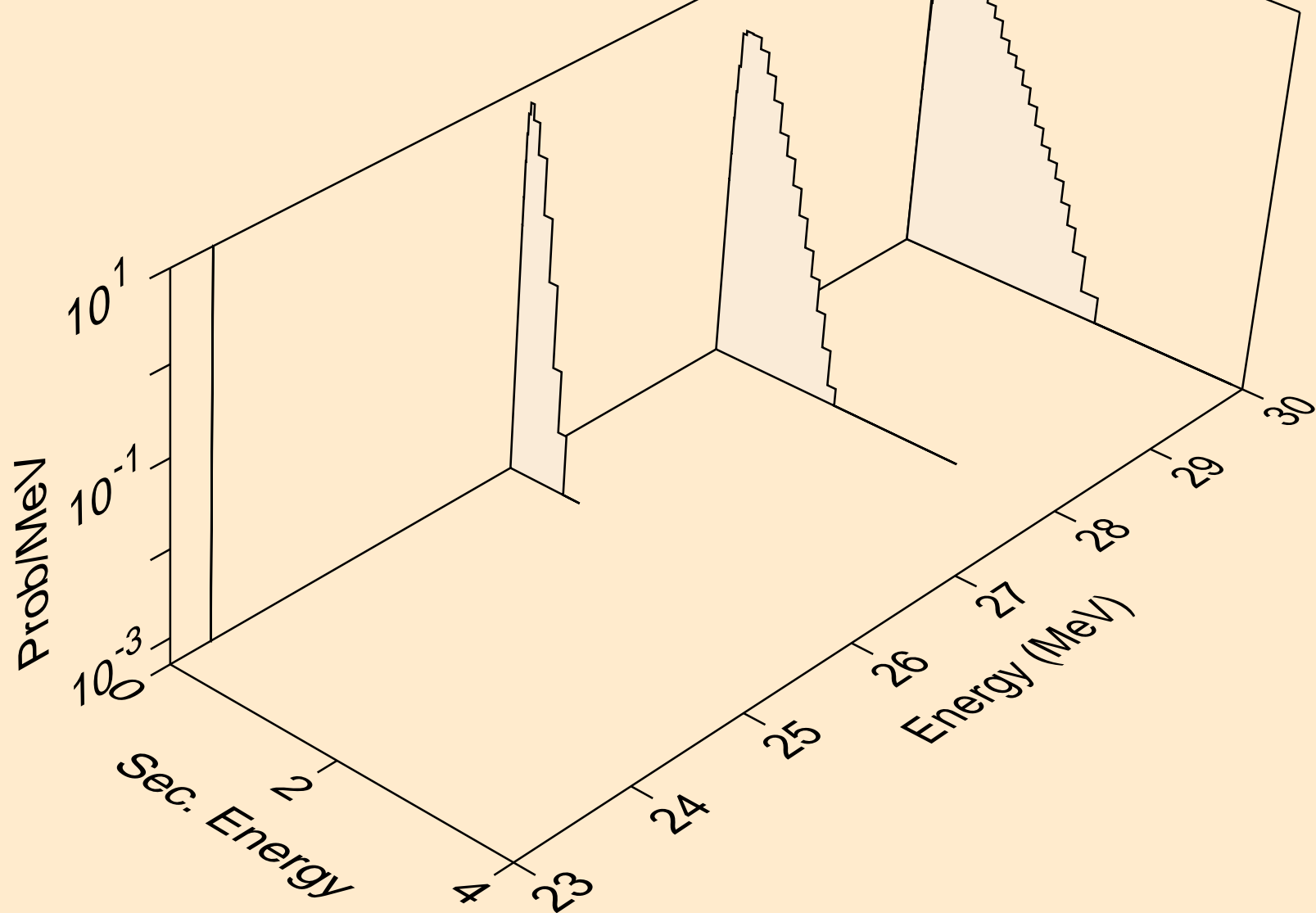
TL190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,2n)a



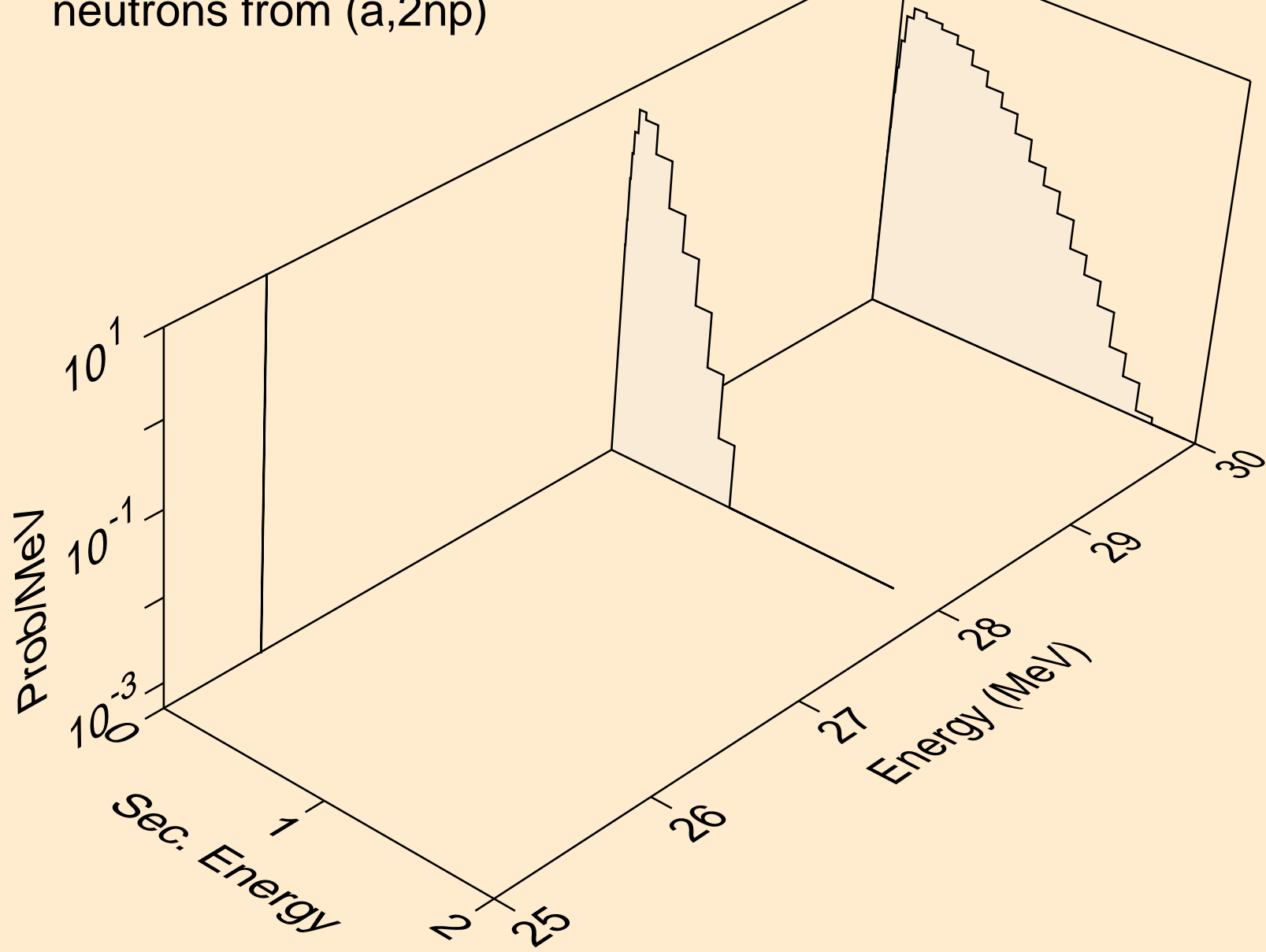
TL190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n*)p



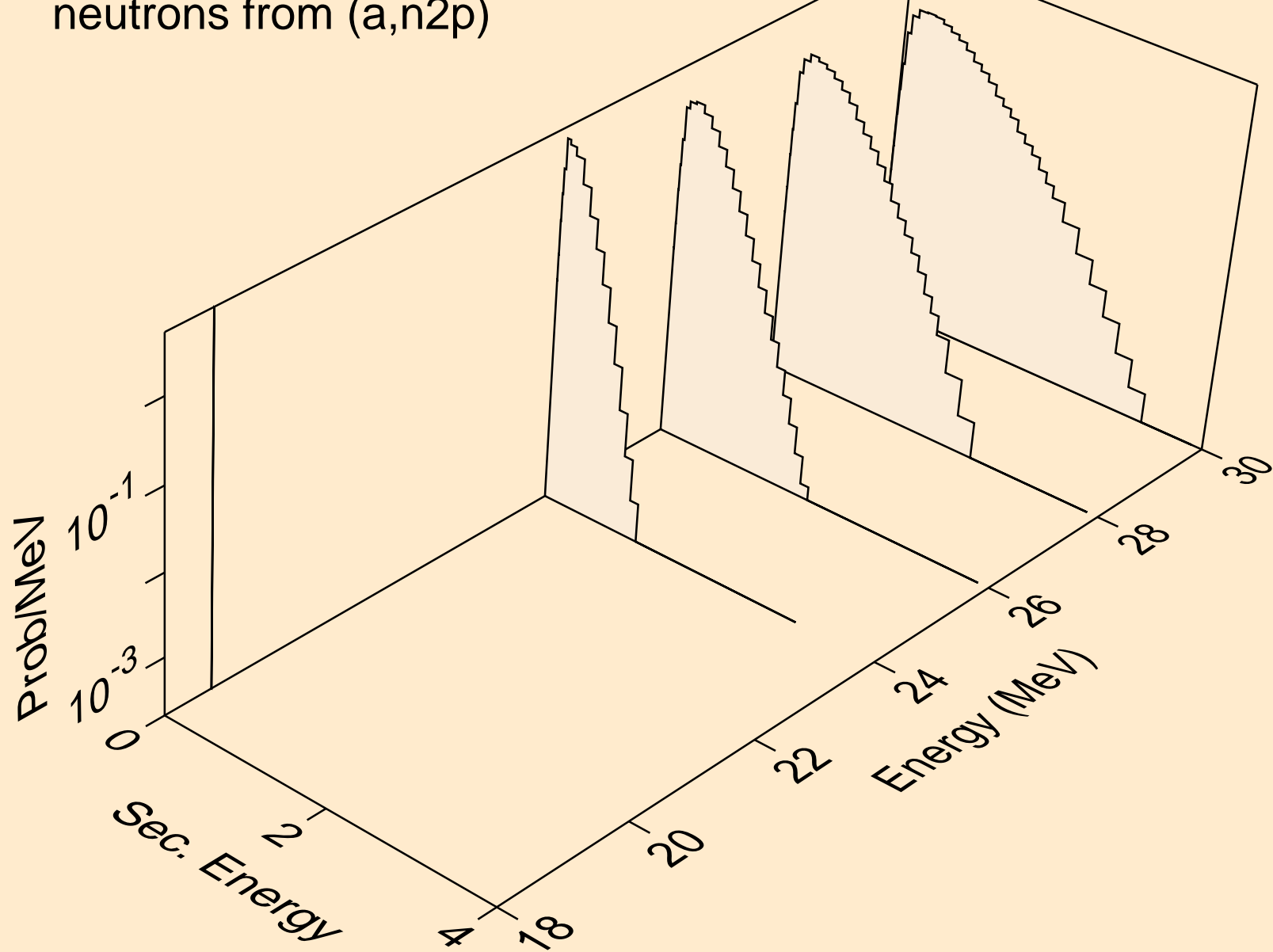
TL190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n*)d



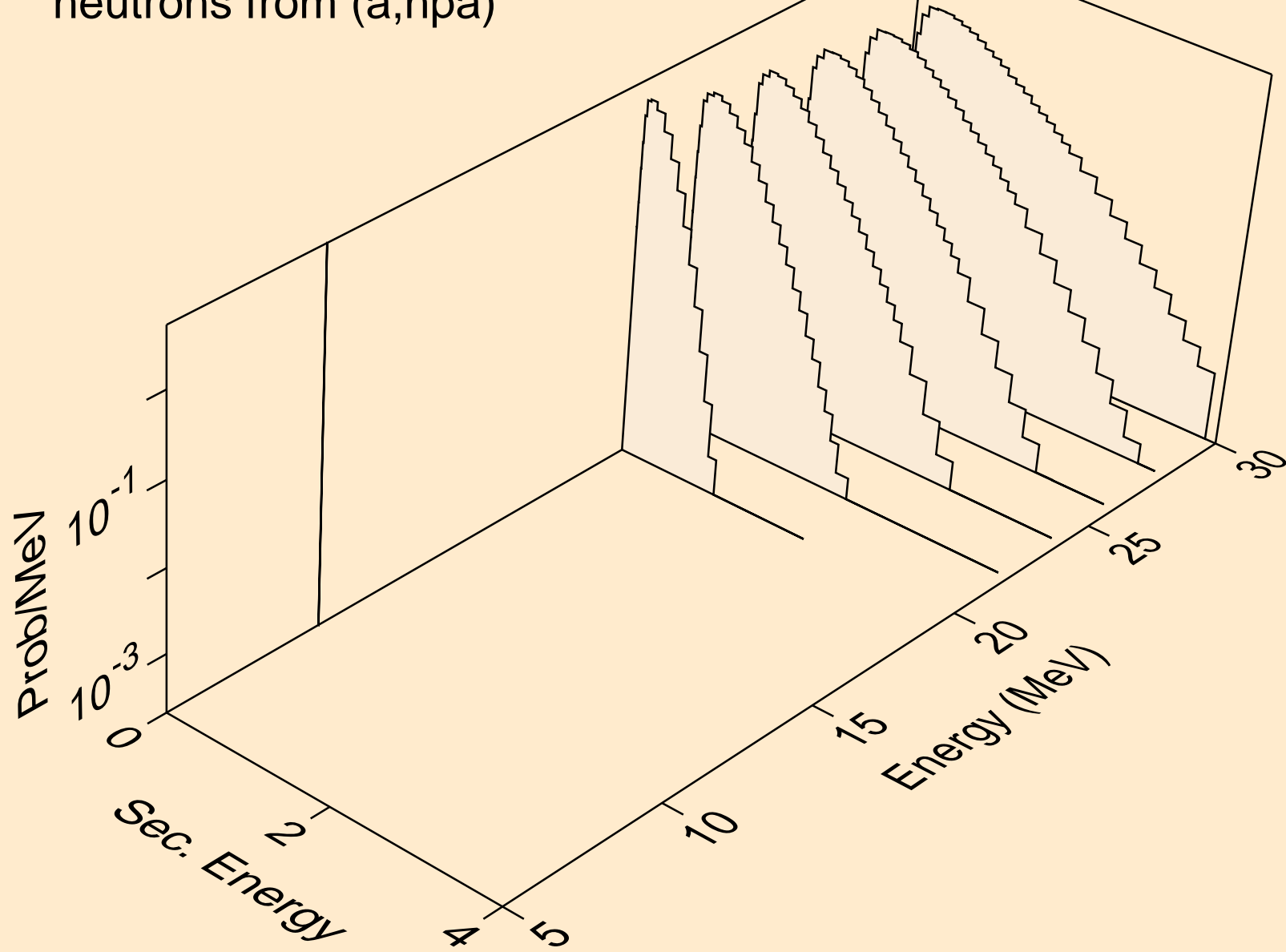
TL190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,2np)



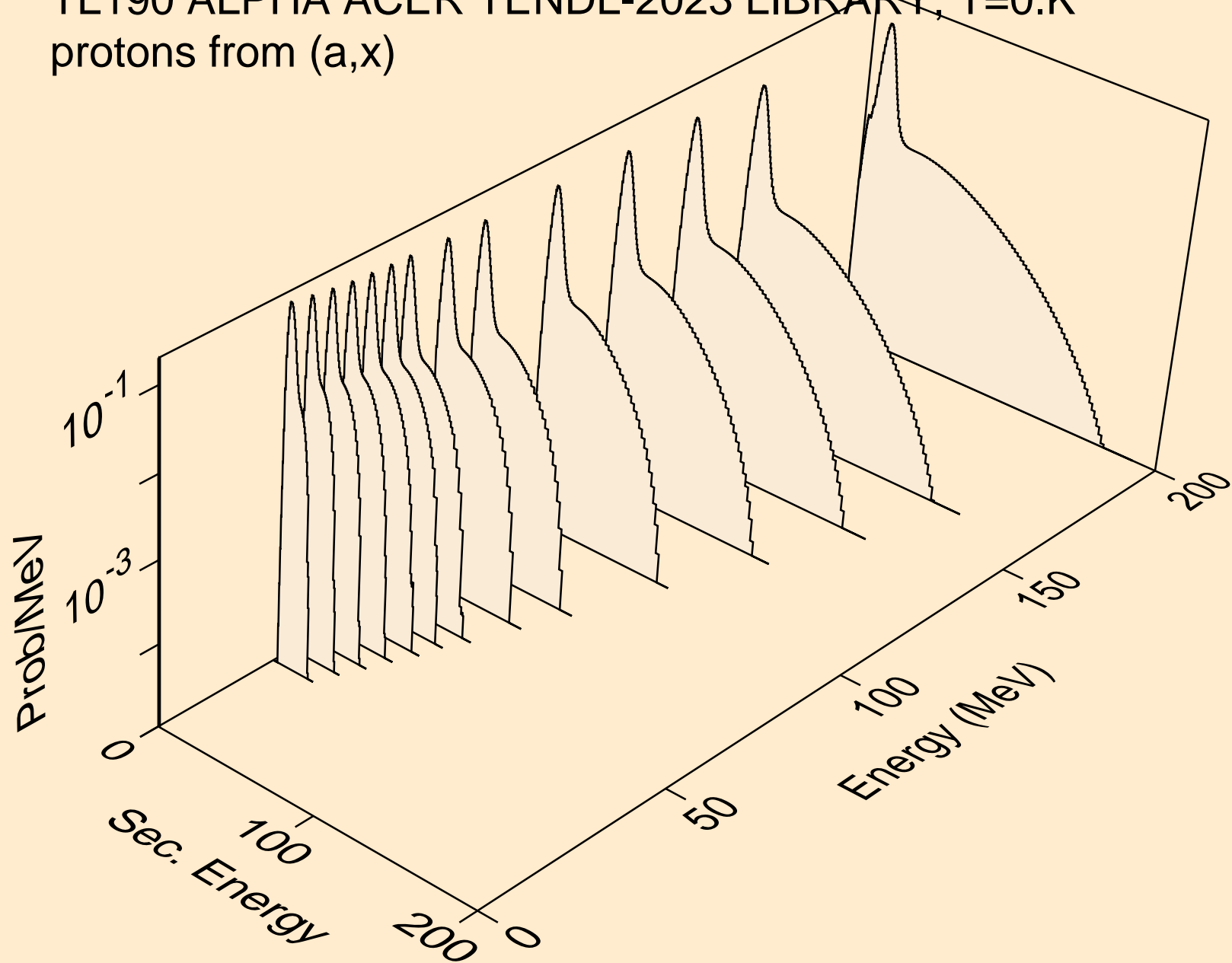
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neutrons from (a,n2p)



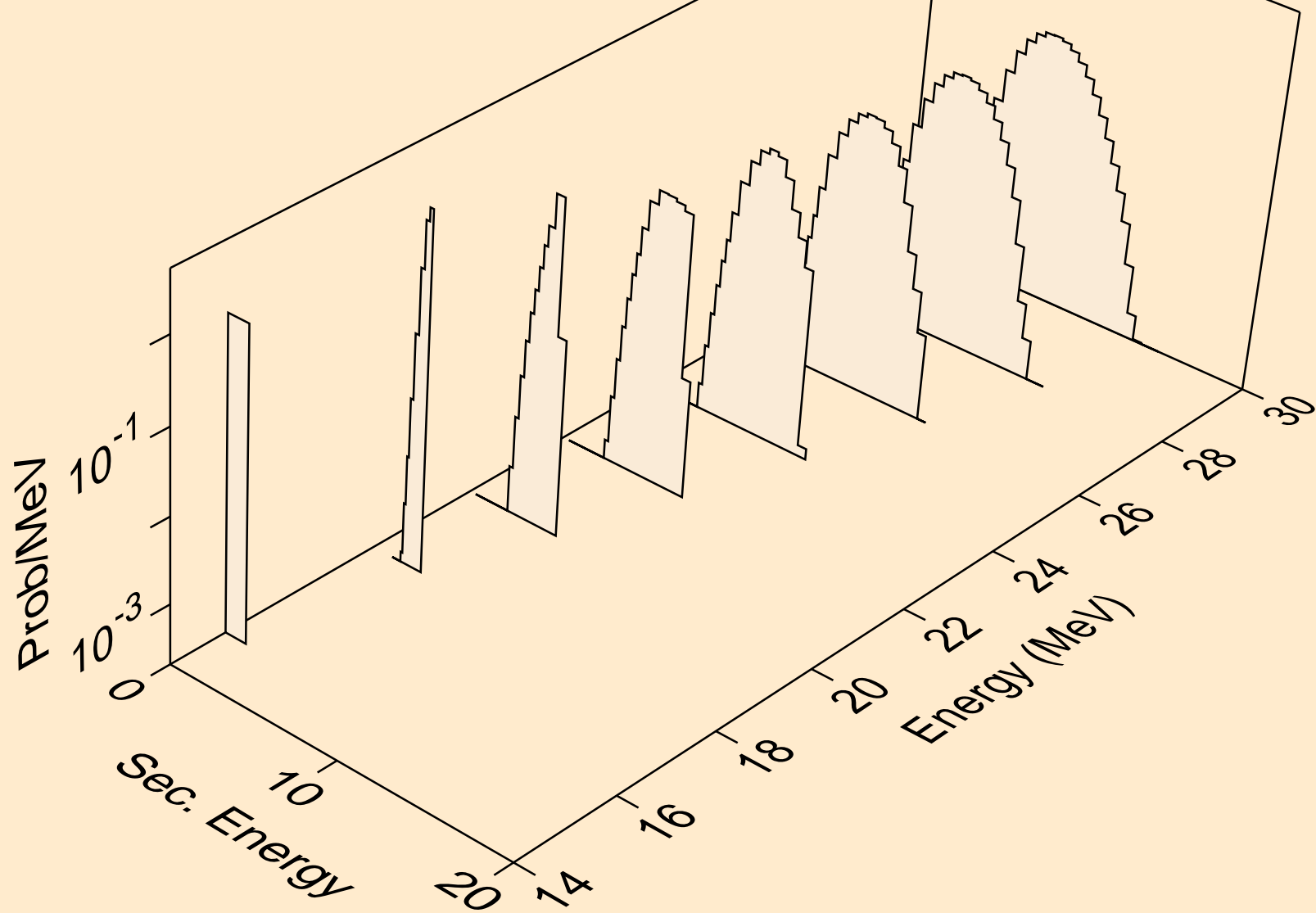
TL190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,npa)



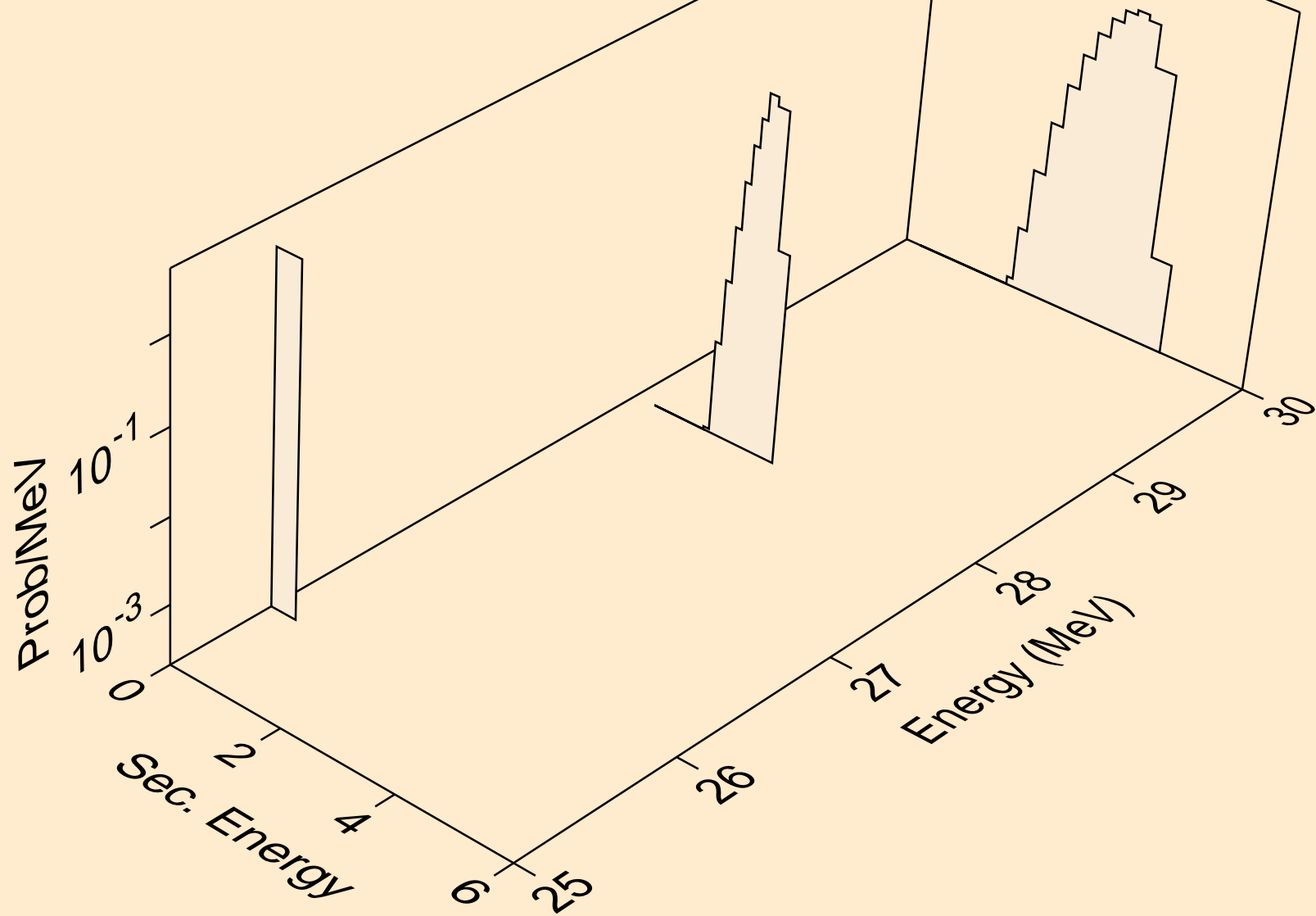
TL190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
protons from (a,x)



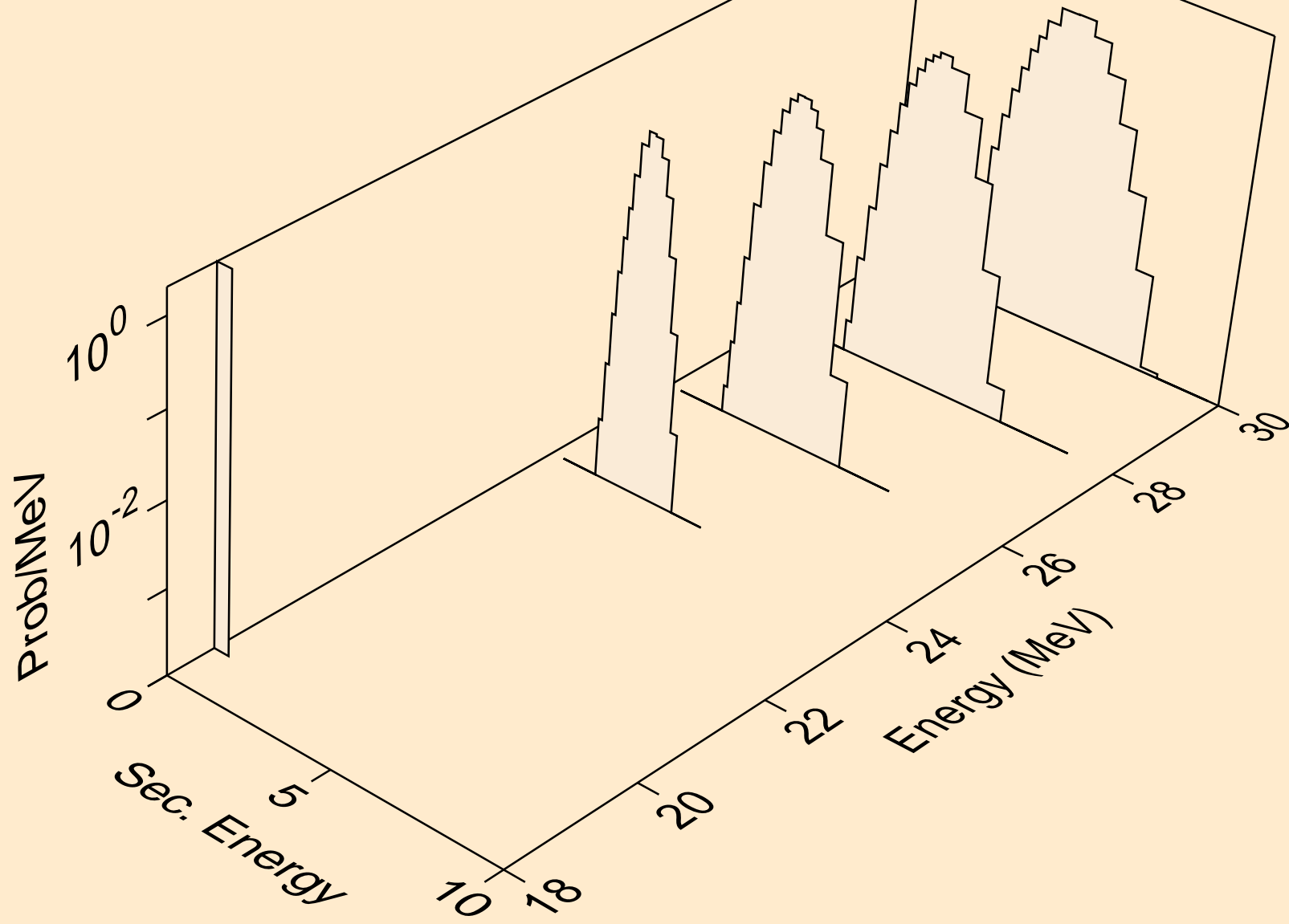
TL190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
protons from (a,n*)p



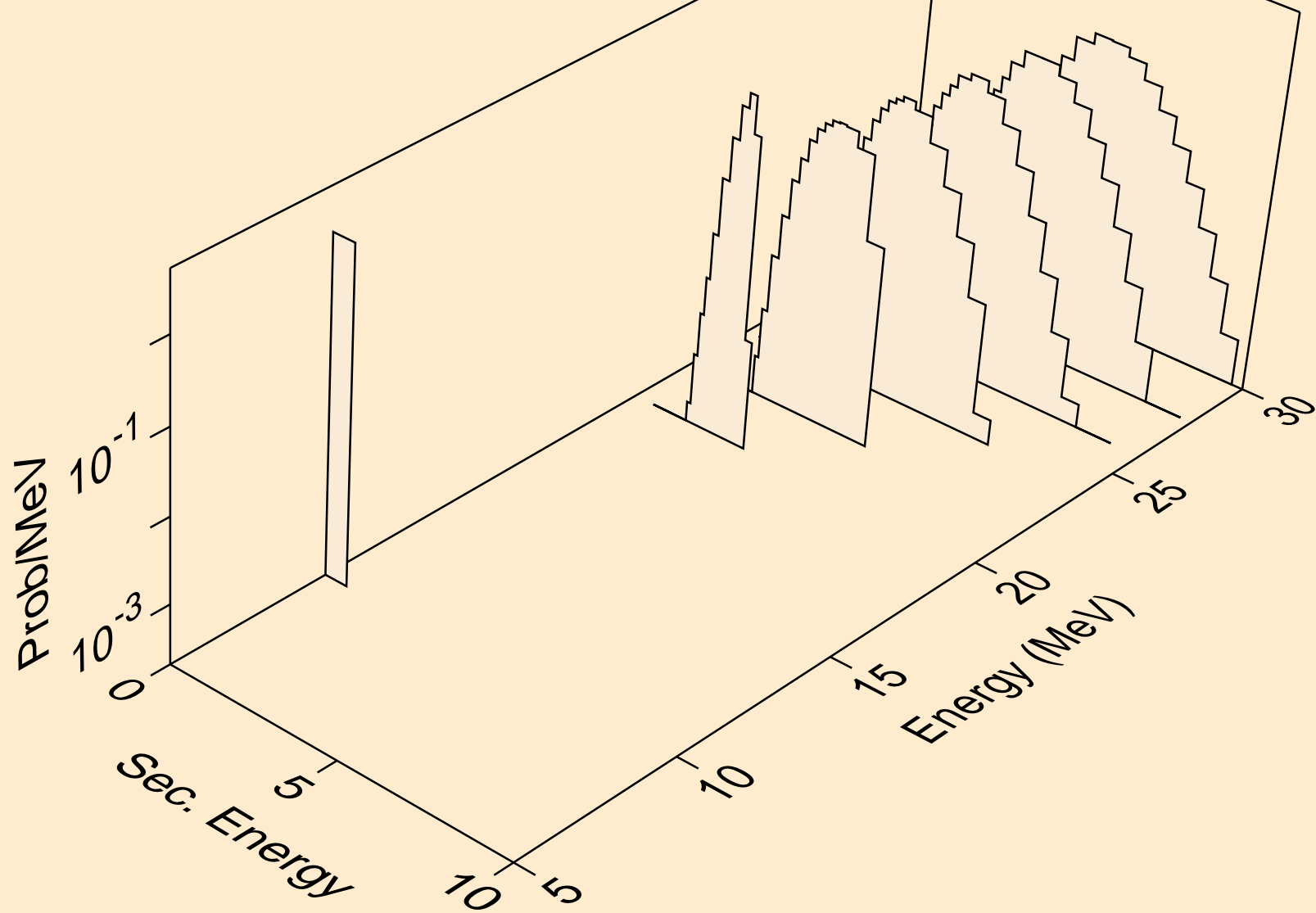
TL190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
protons from (a,2np)



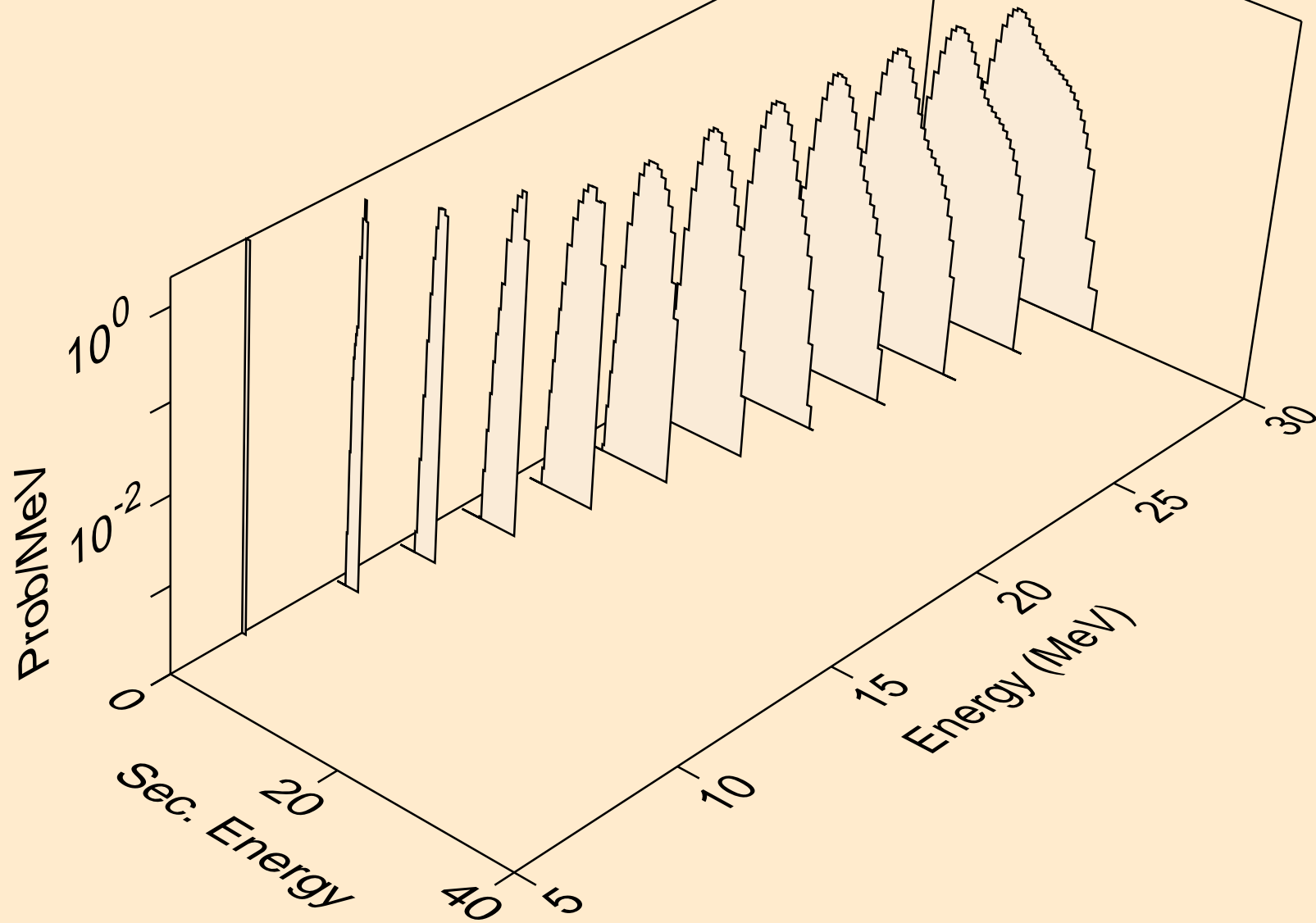
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protons from (a,n2p)



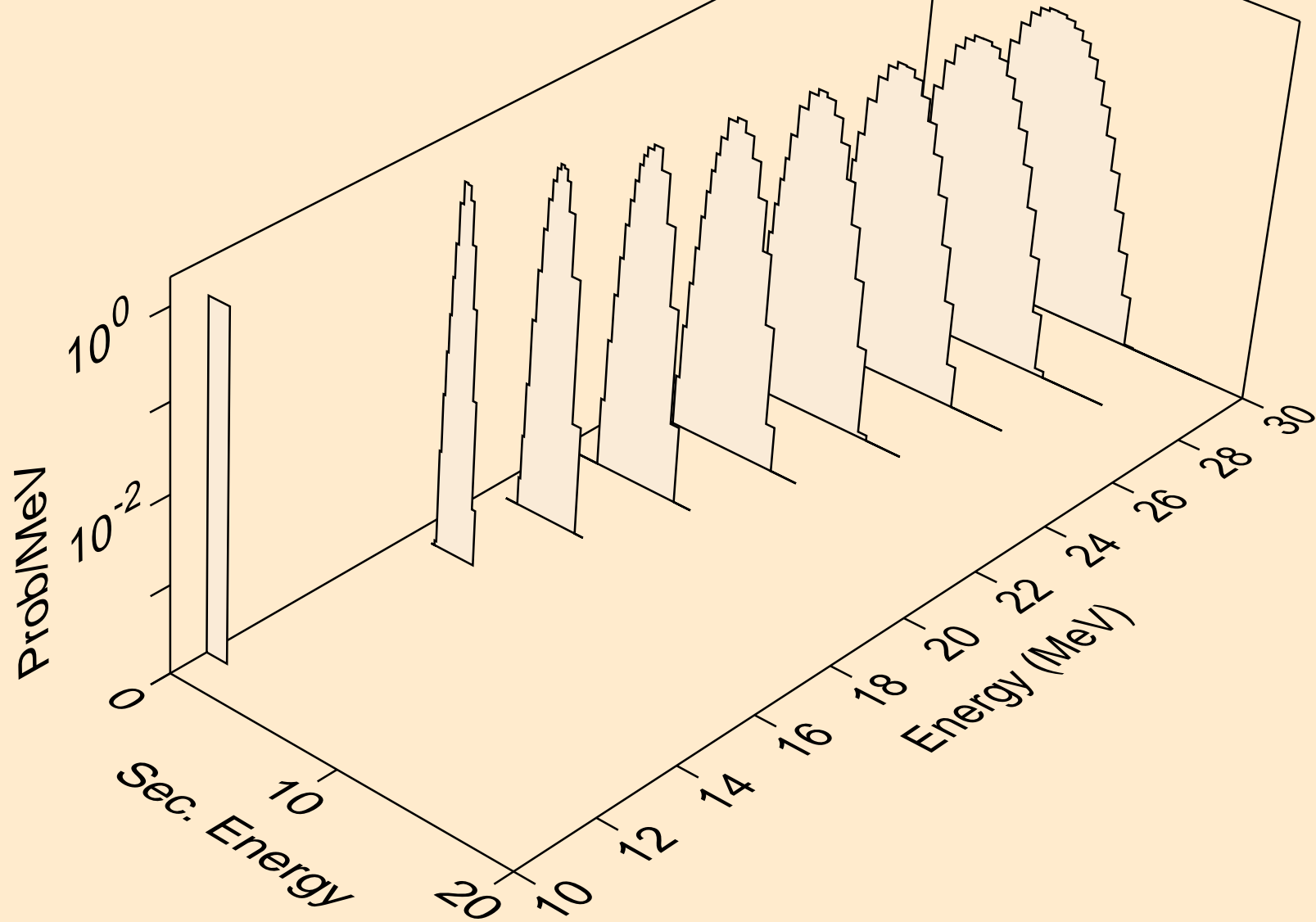
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protons from (a,npa)



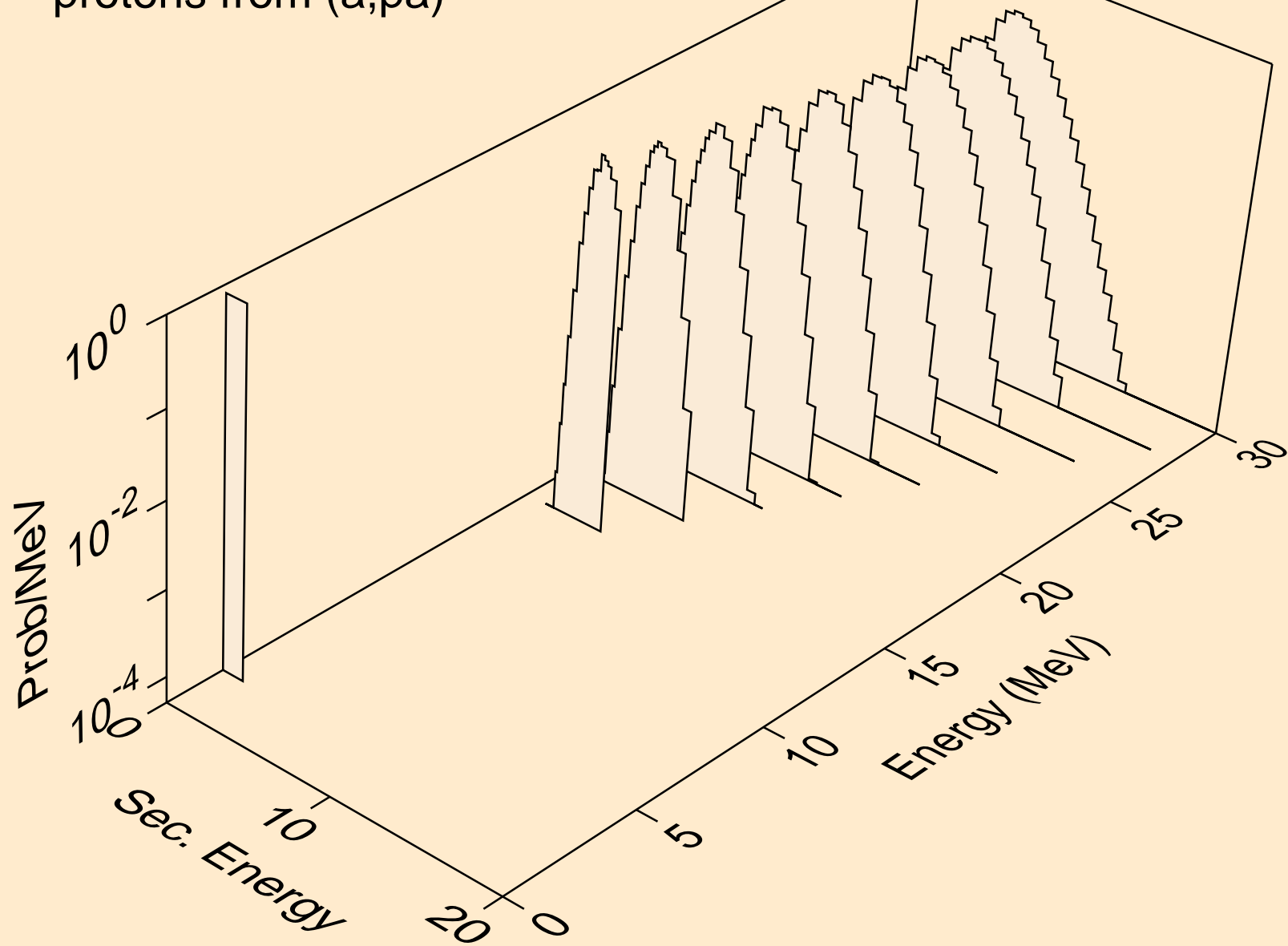
TL190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
protons from (a,p)



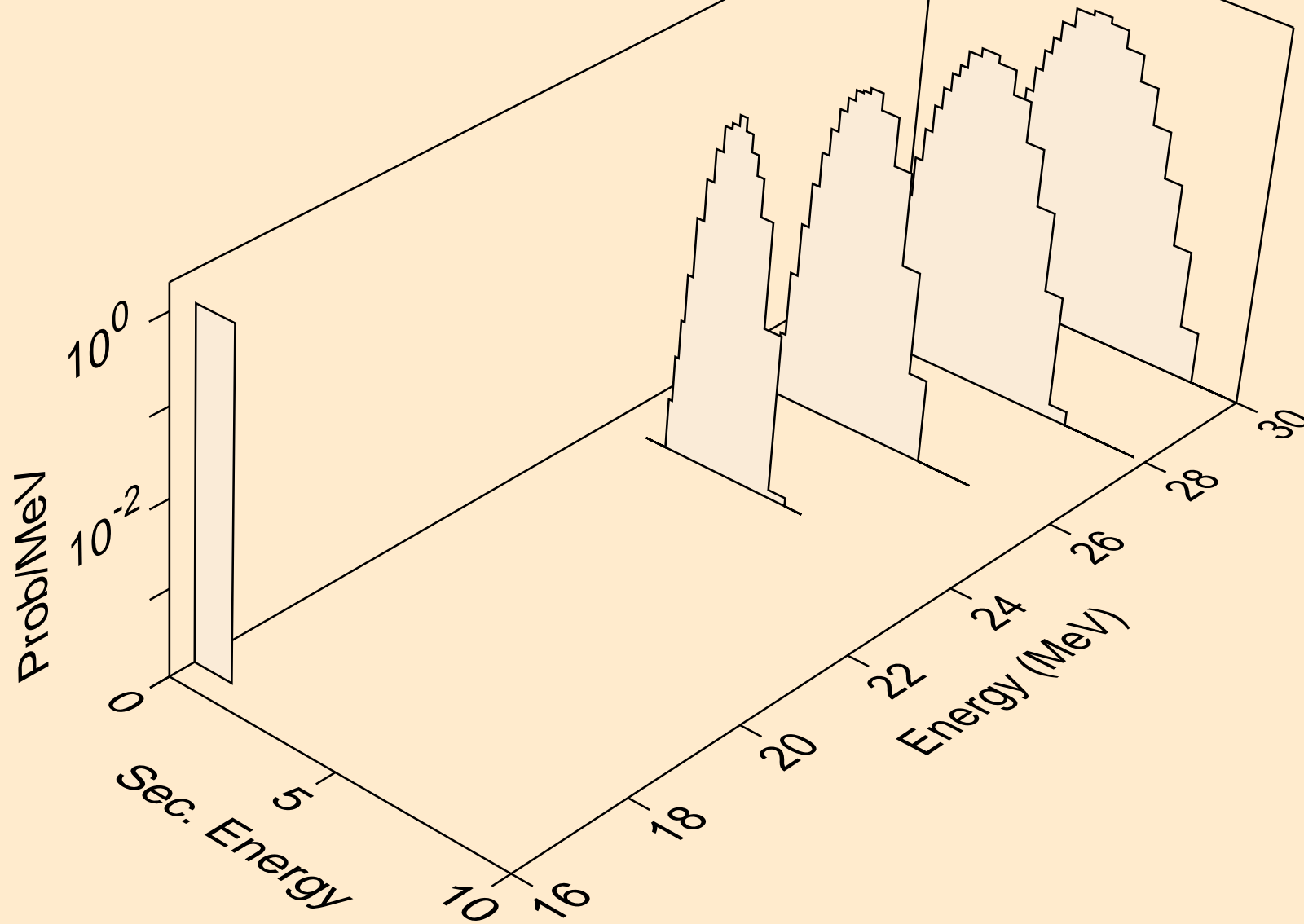
TL190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
protons from (a,2p)



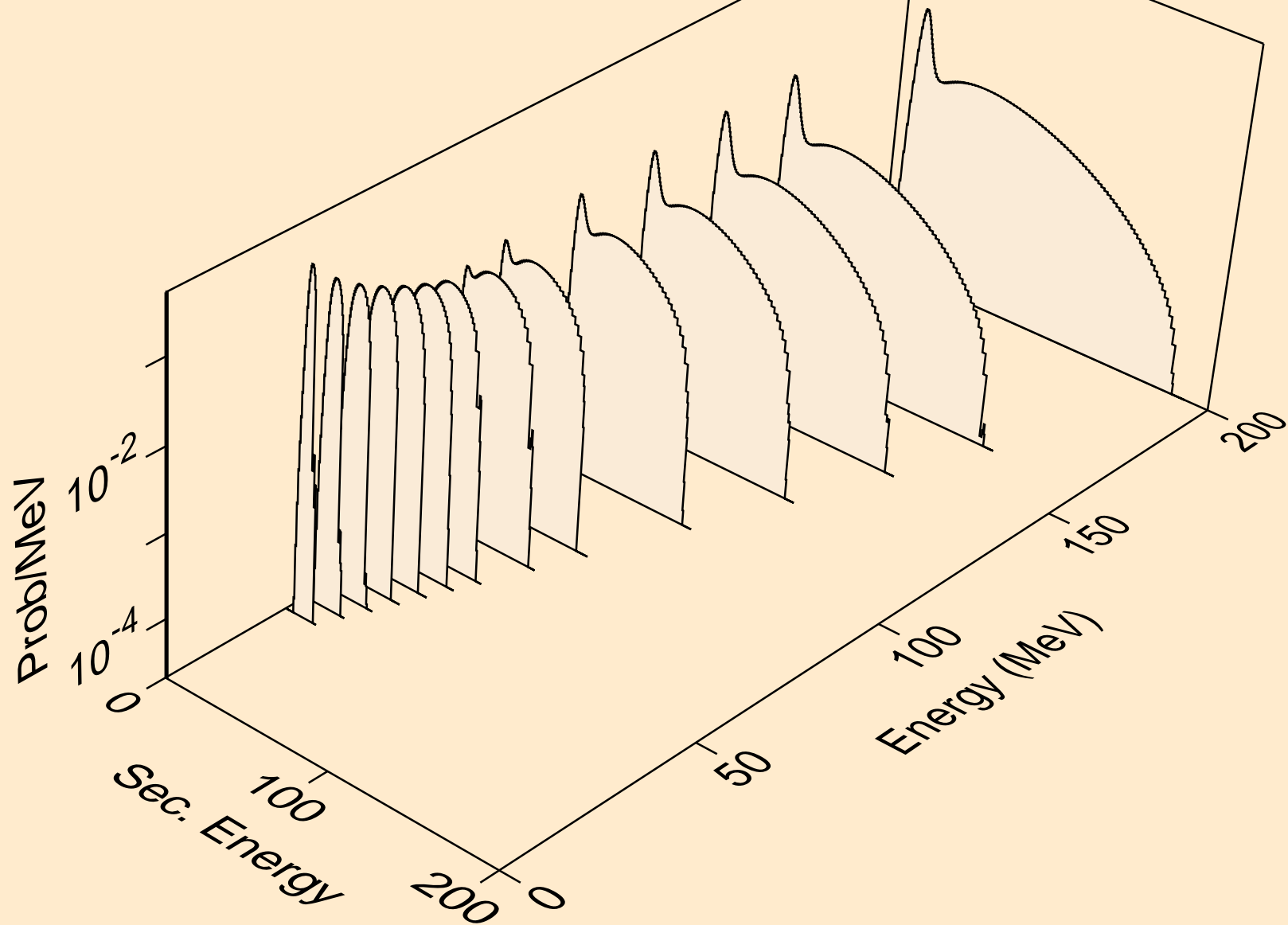
TL190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
protons from (a,pa)



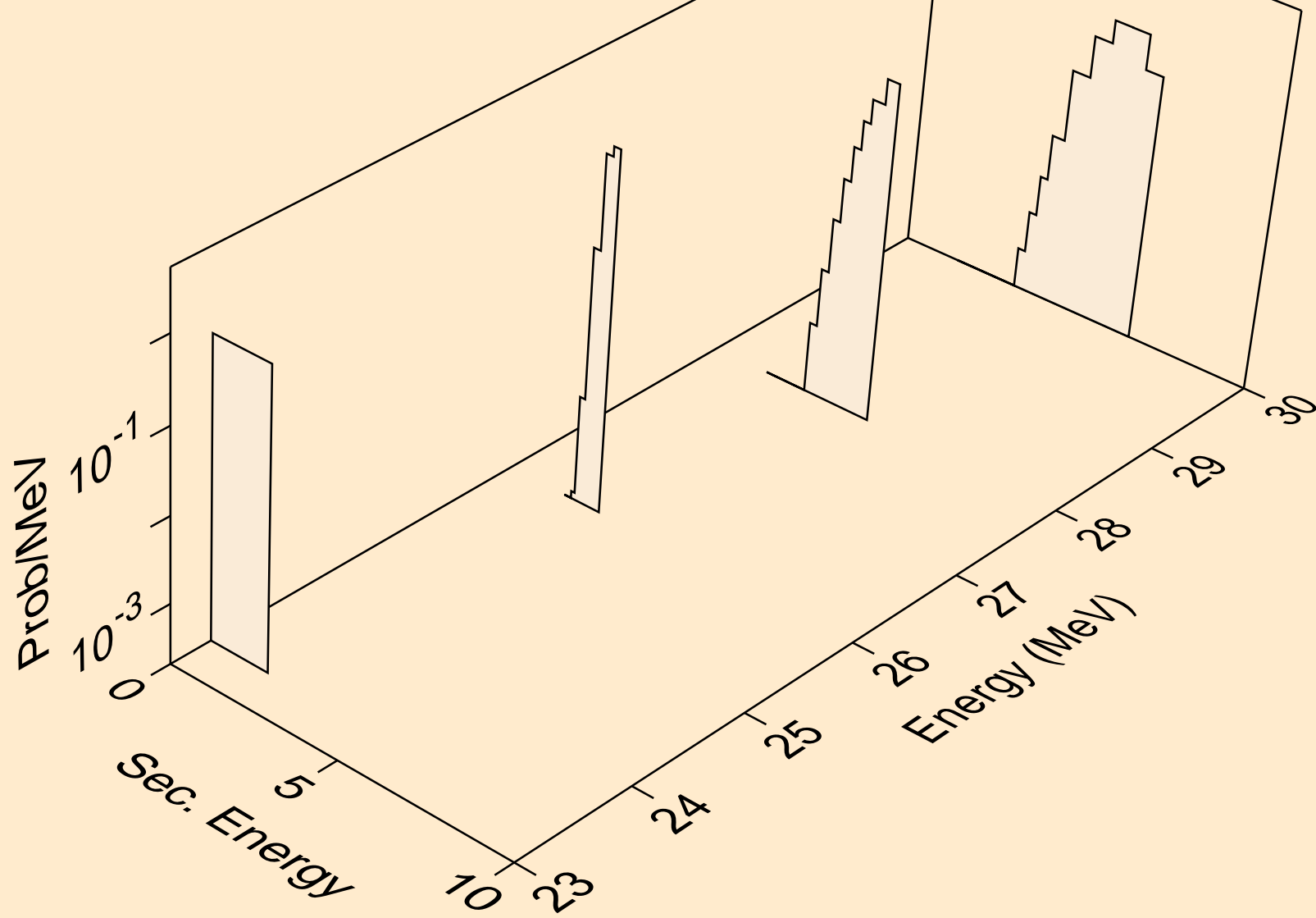
TL190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
protons from (a,pd)



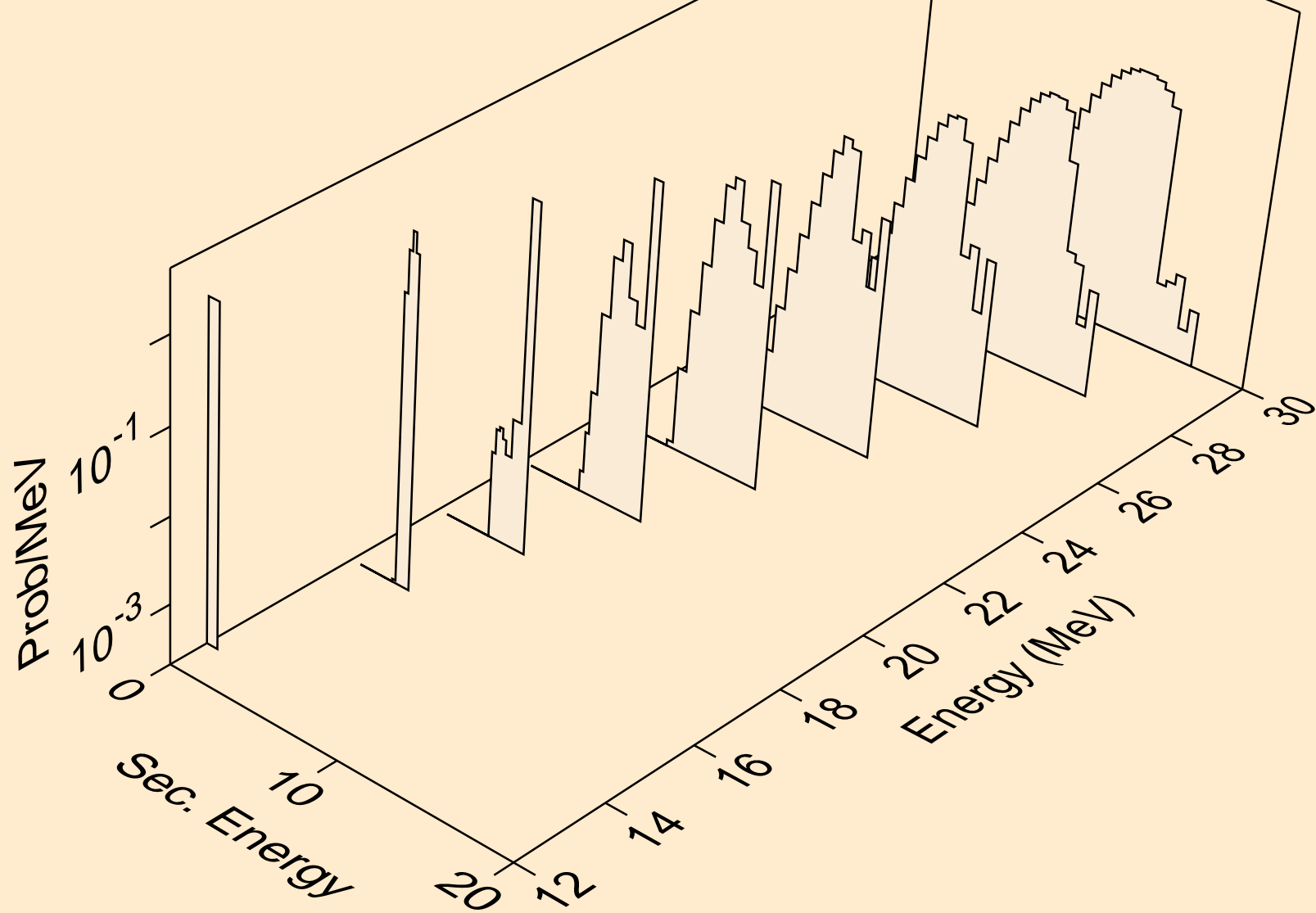
TL190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (a,x)



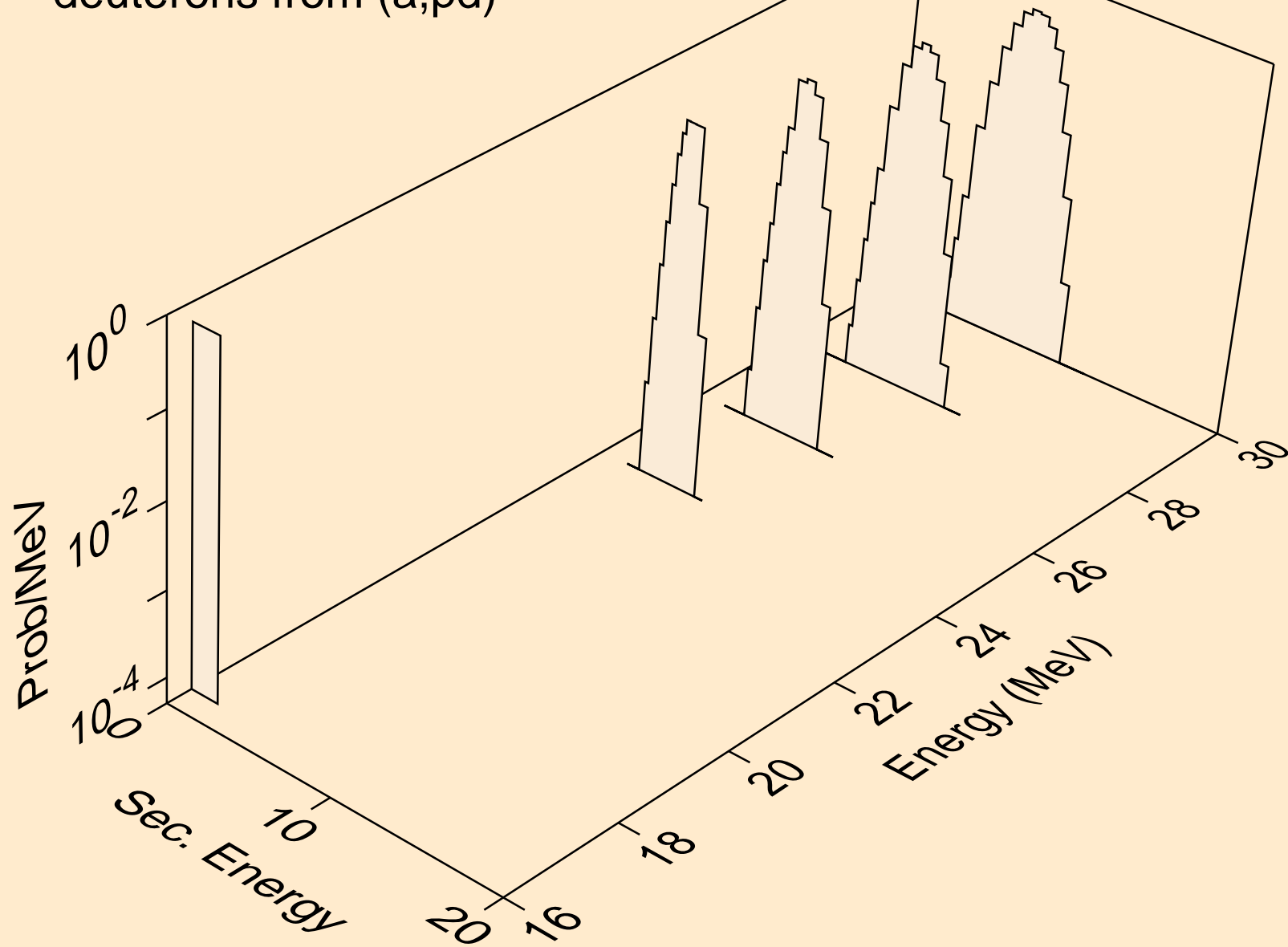
TL190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (a,n*)d



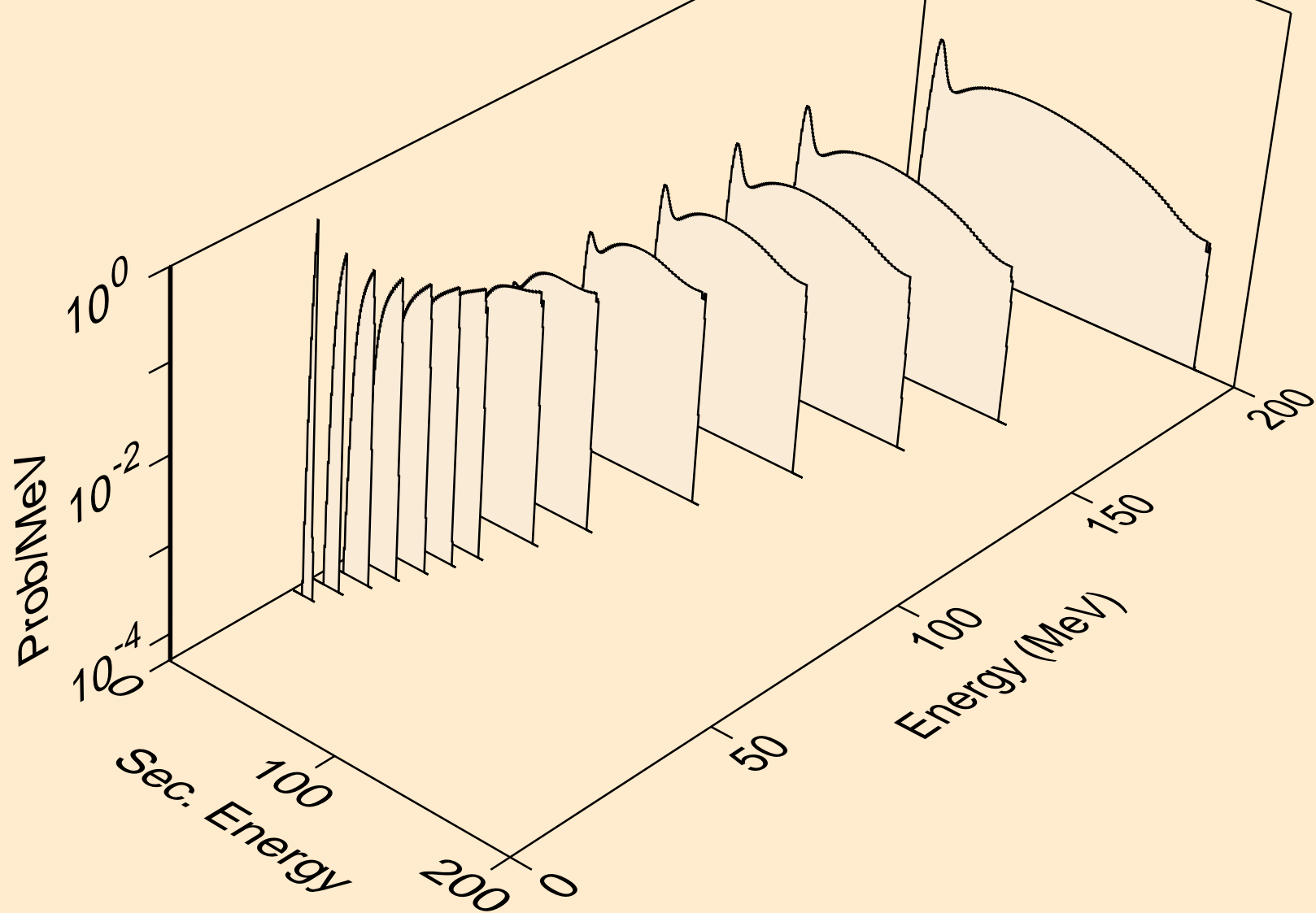
TL190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (a,d)



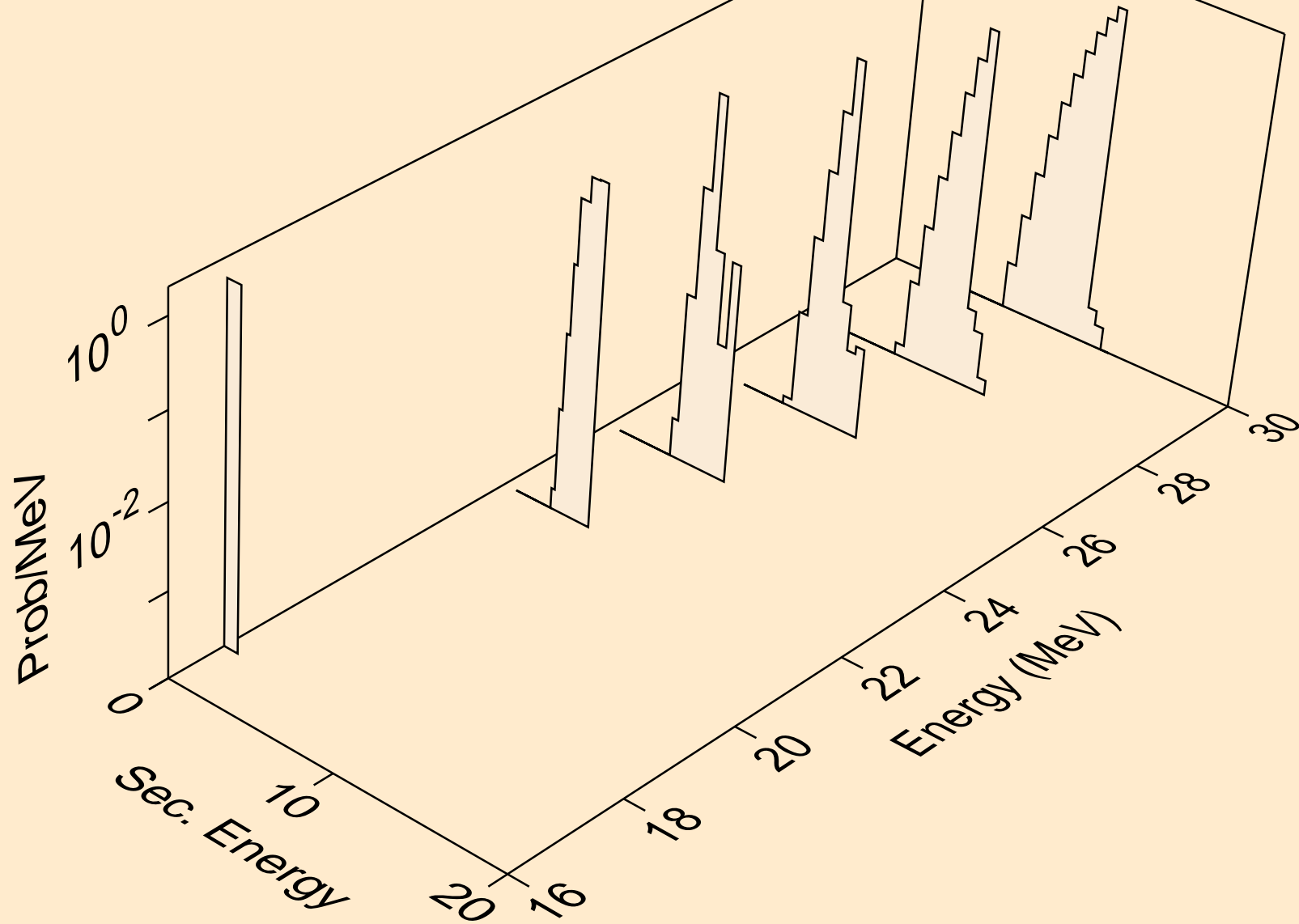
TL190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (a,pd)



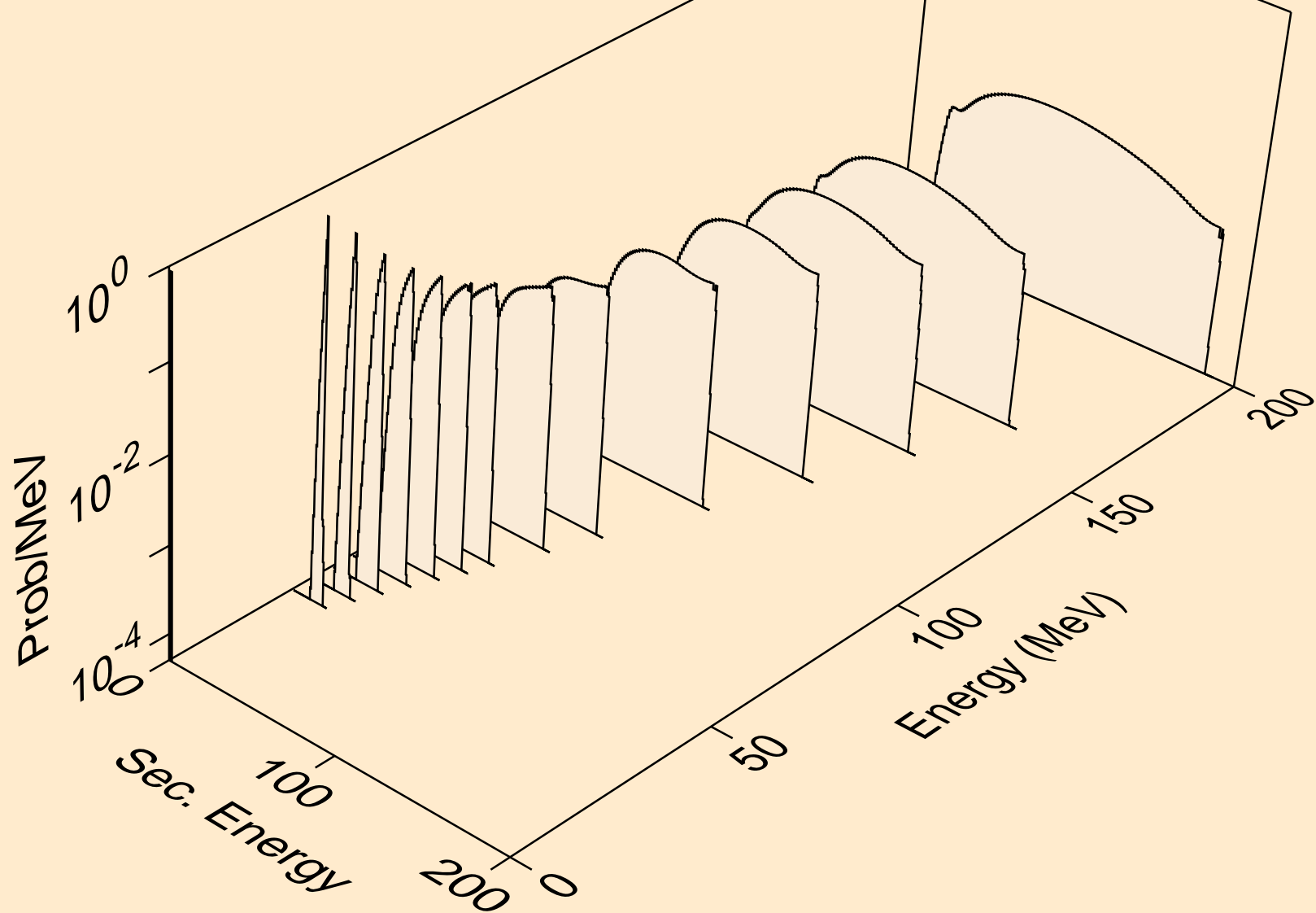
TL190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
tritons from (a,x)



TL190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
tritons from (a,t)



TL190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
he3s from (a,x)



TL190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
he3s from (a,he3)

