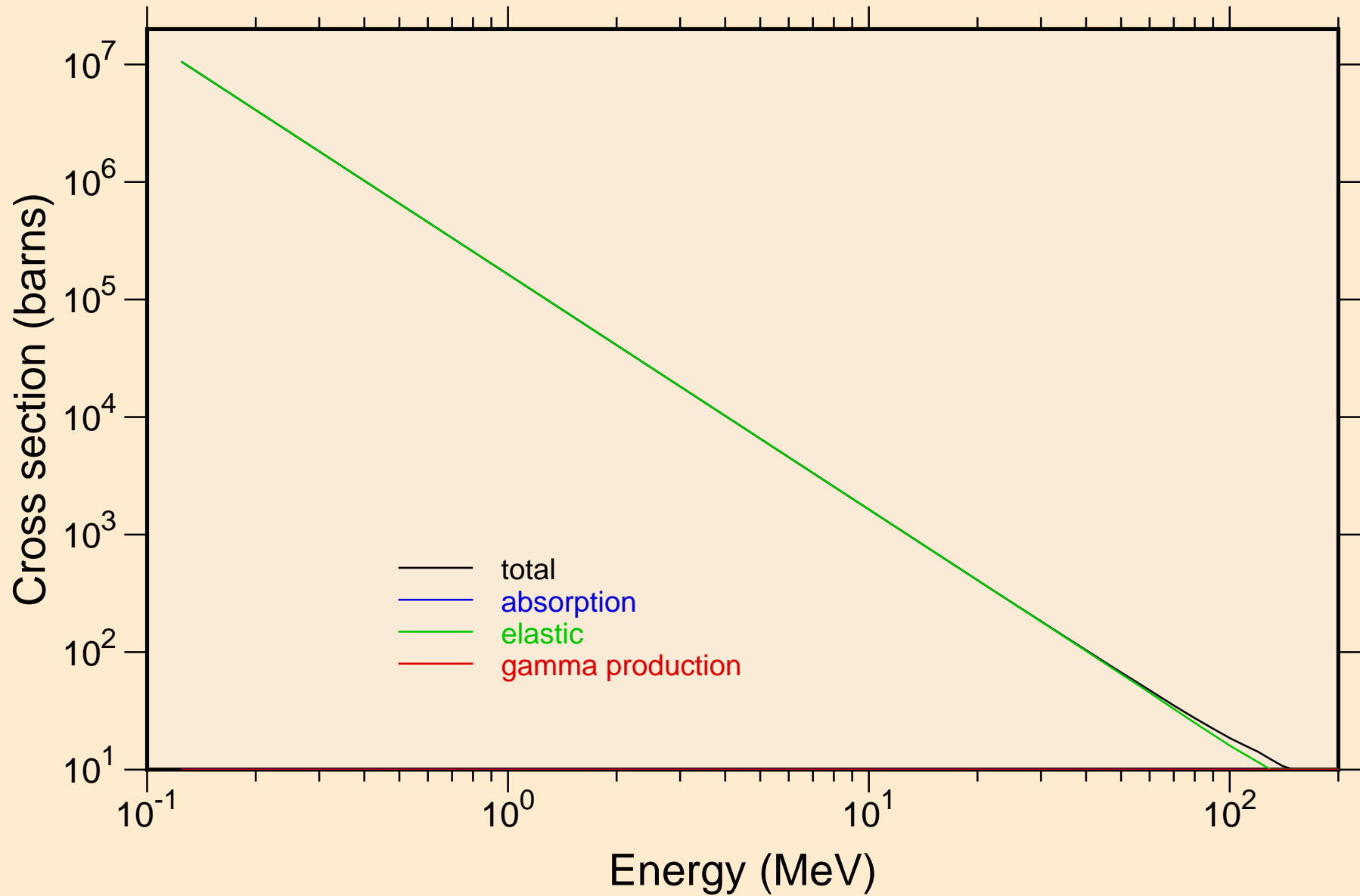
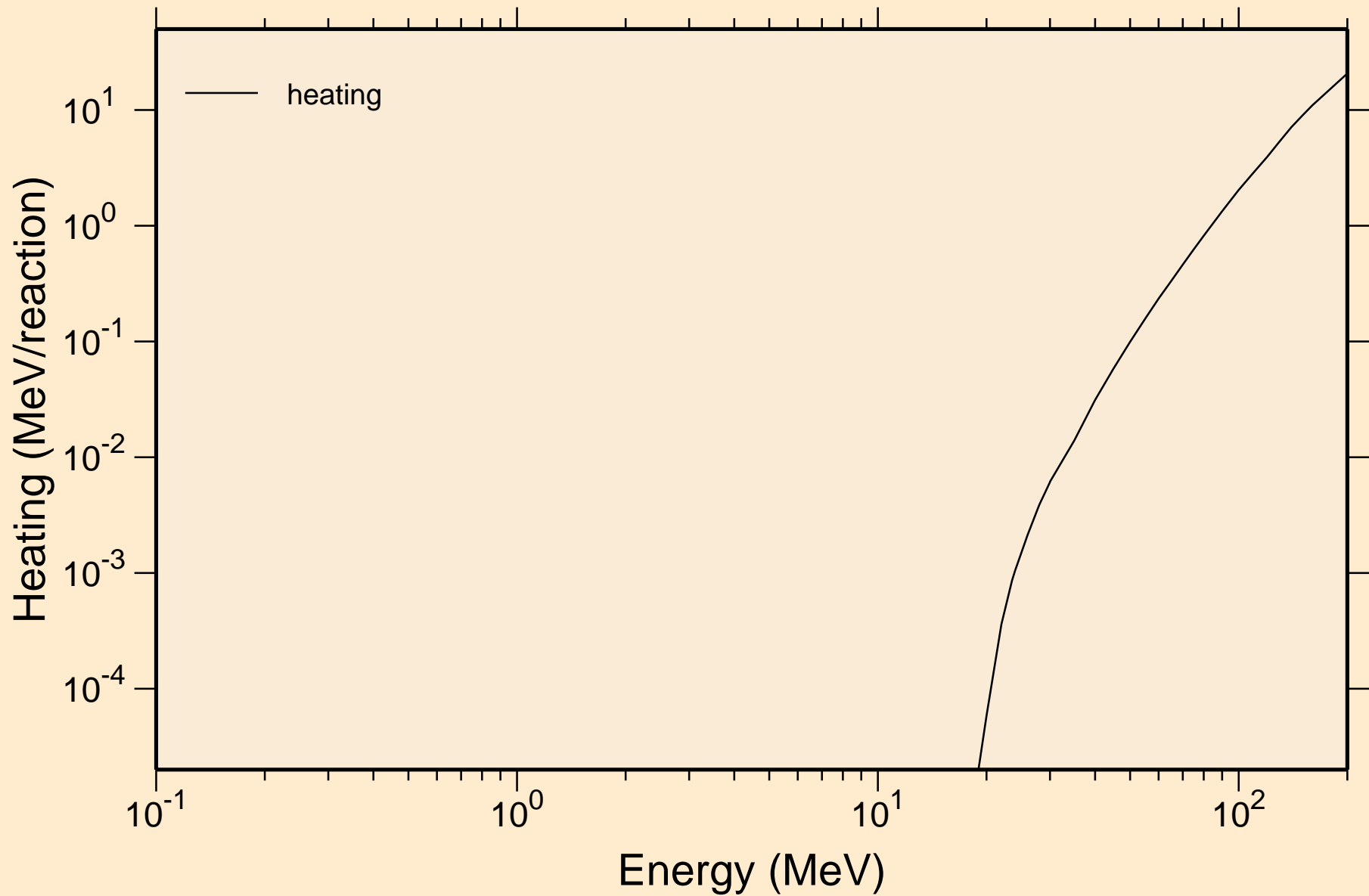


HG189 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Principal cross sections

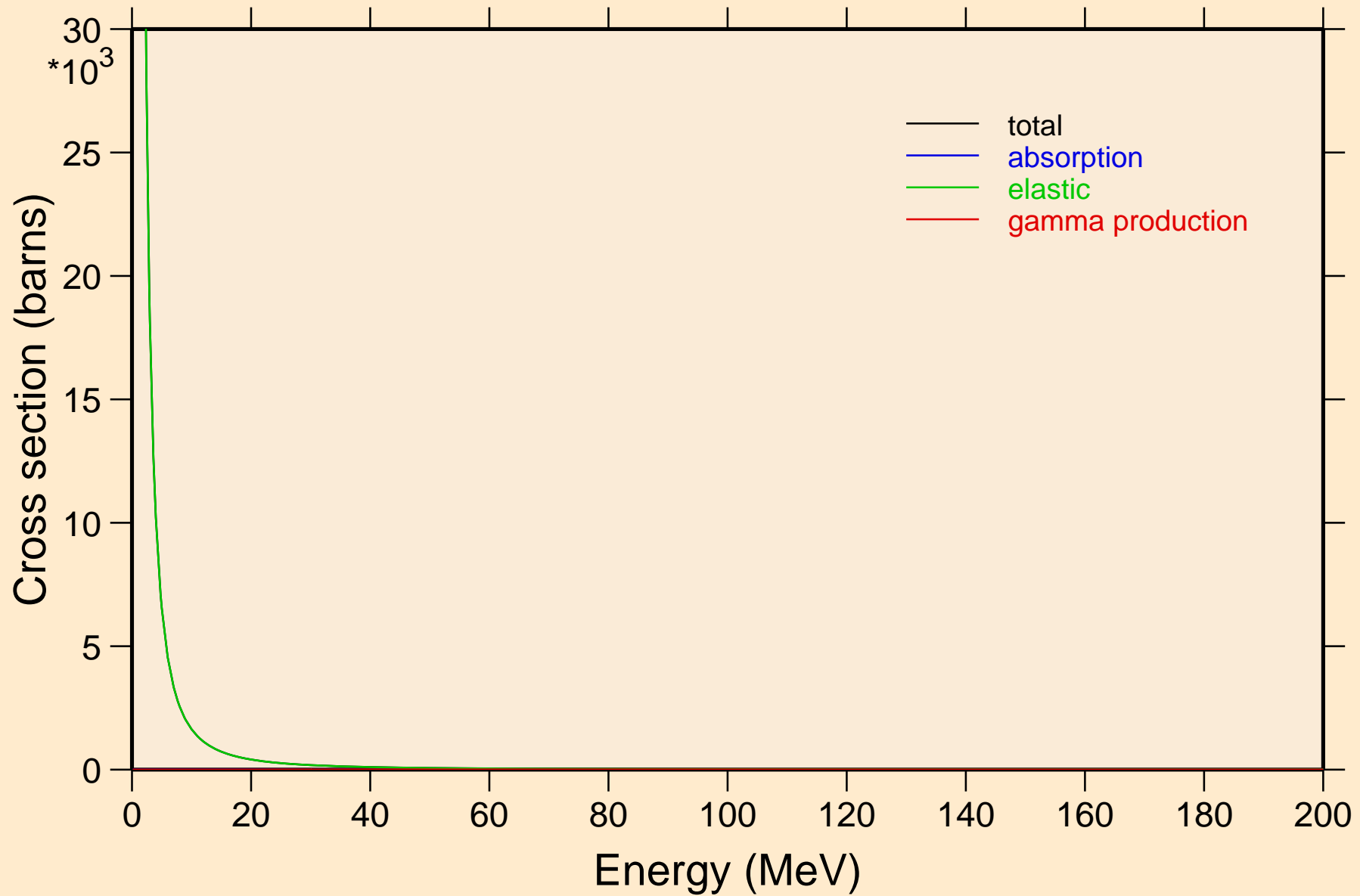


HG189 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Heating



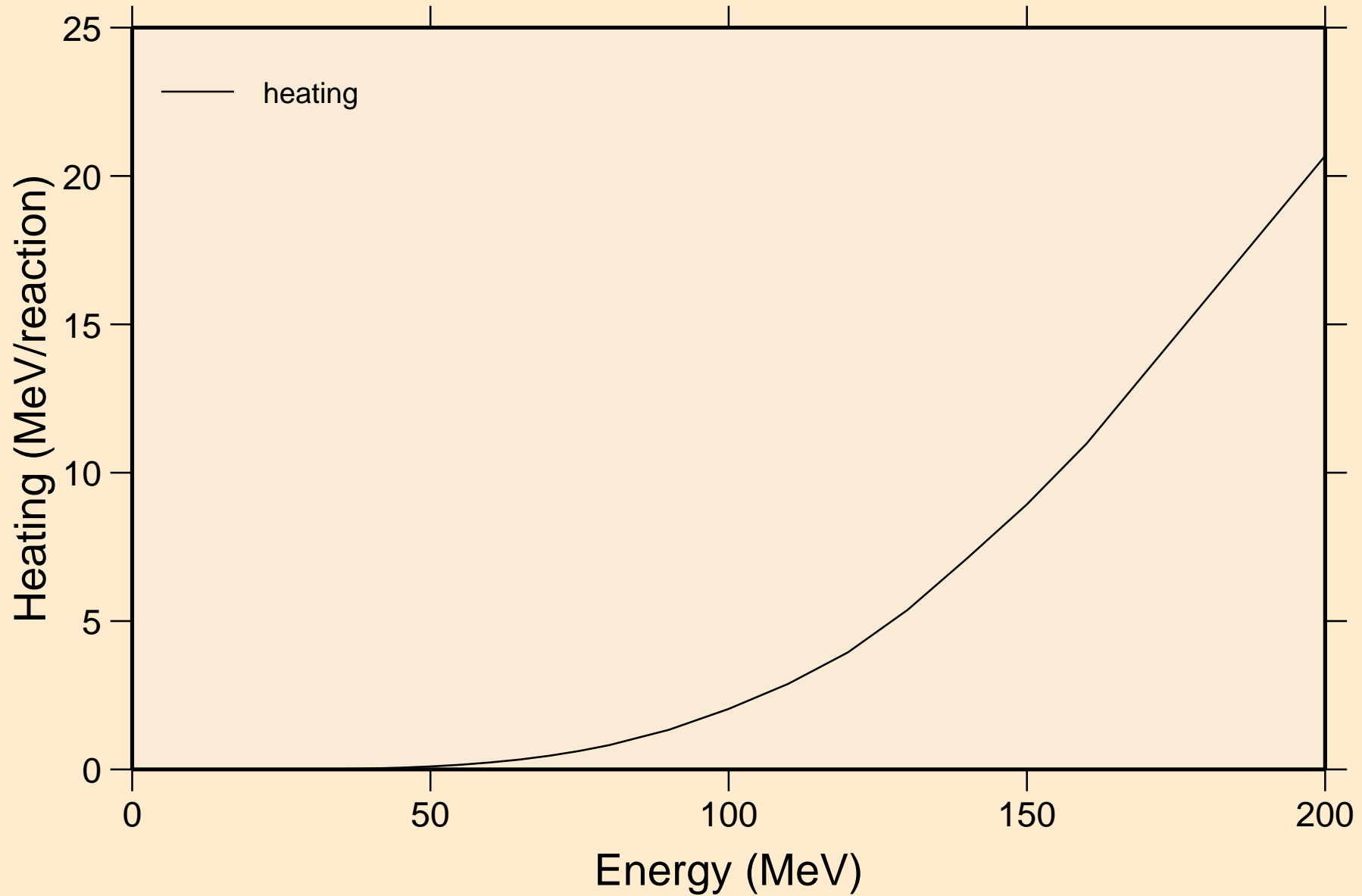
HG189 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Principal cross sections

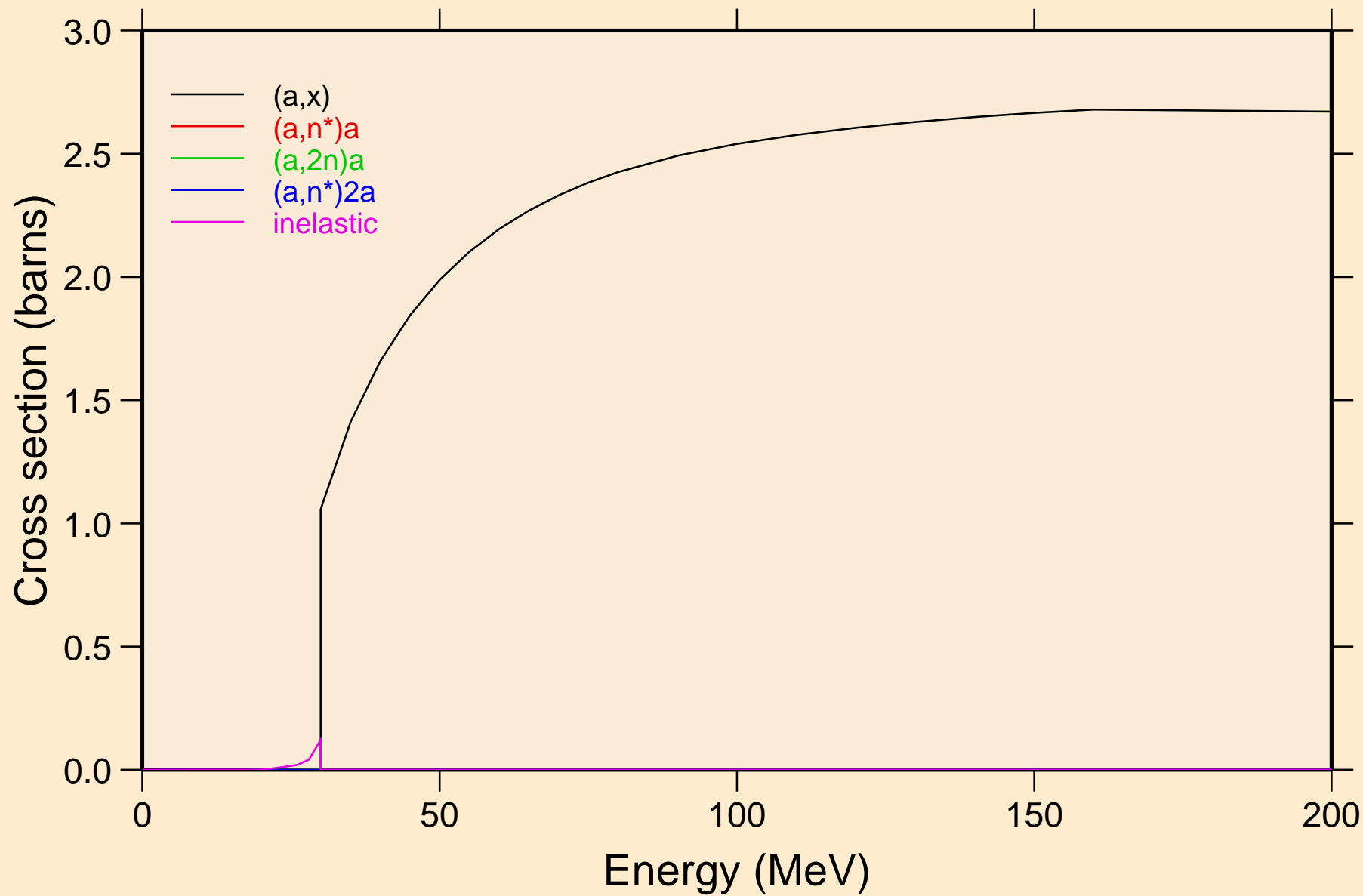


HG189 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Heating

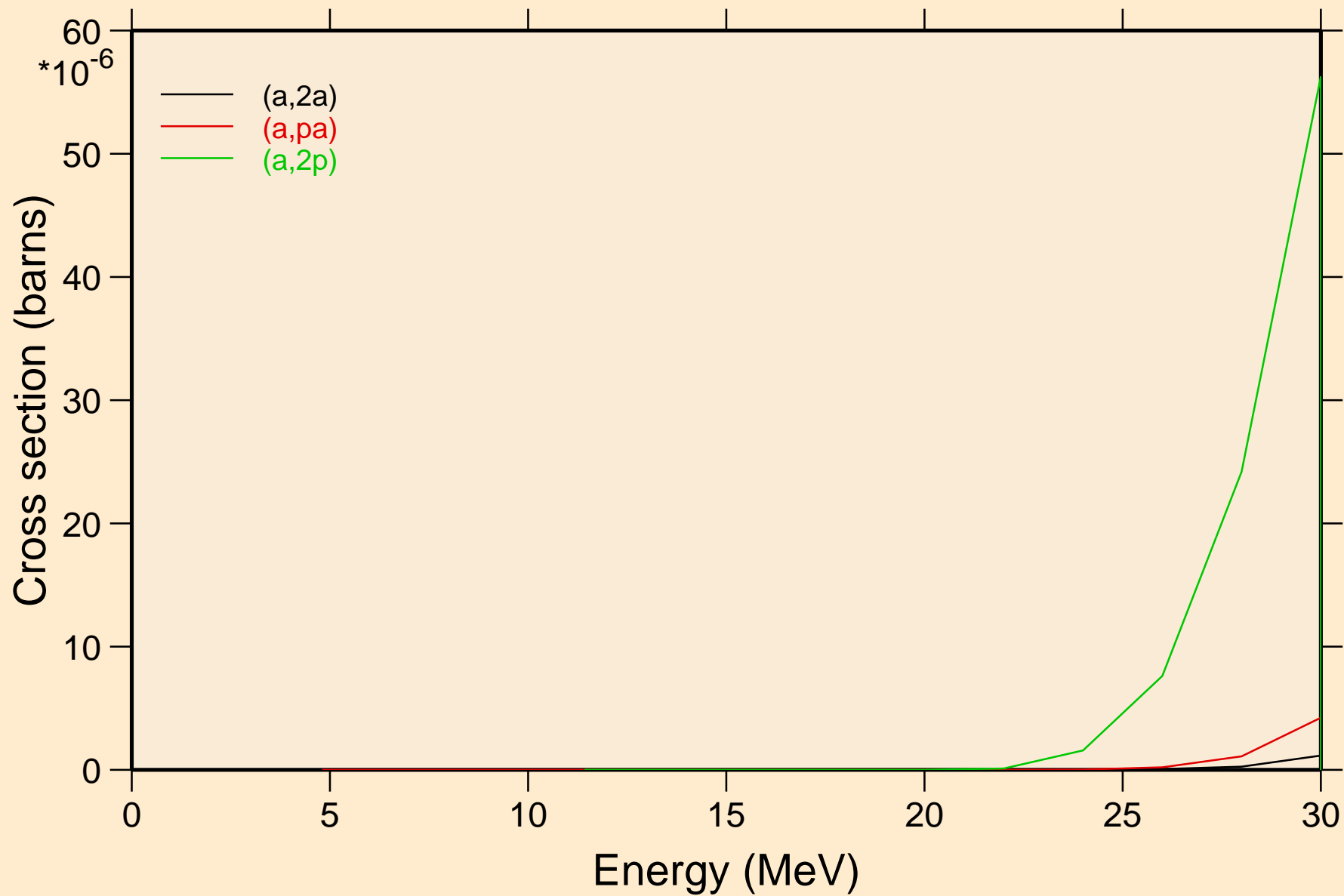


HG189 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Threshold reactions

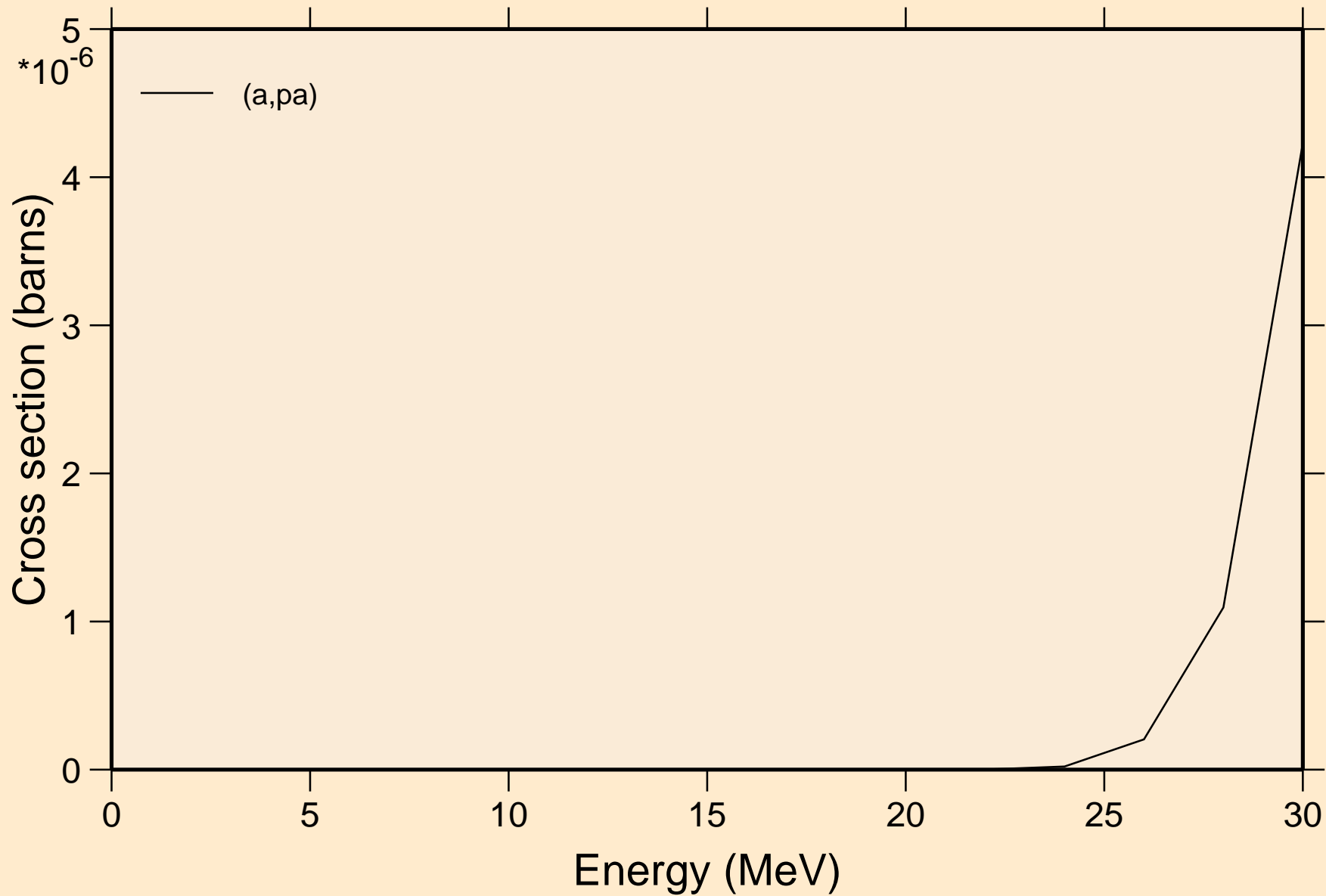


HG189 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

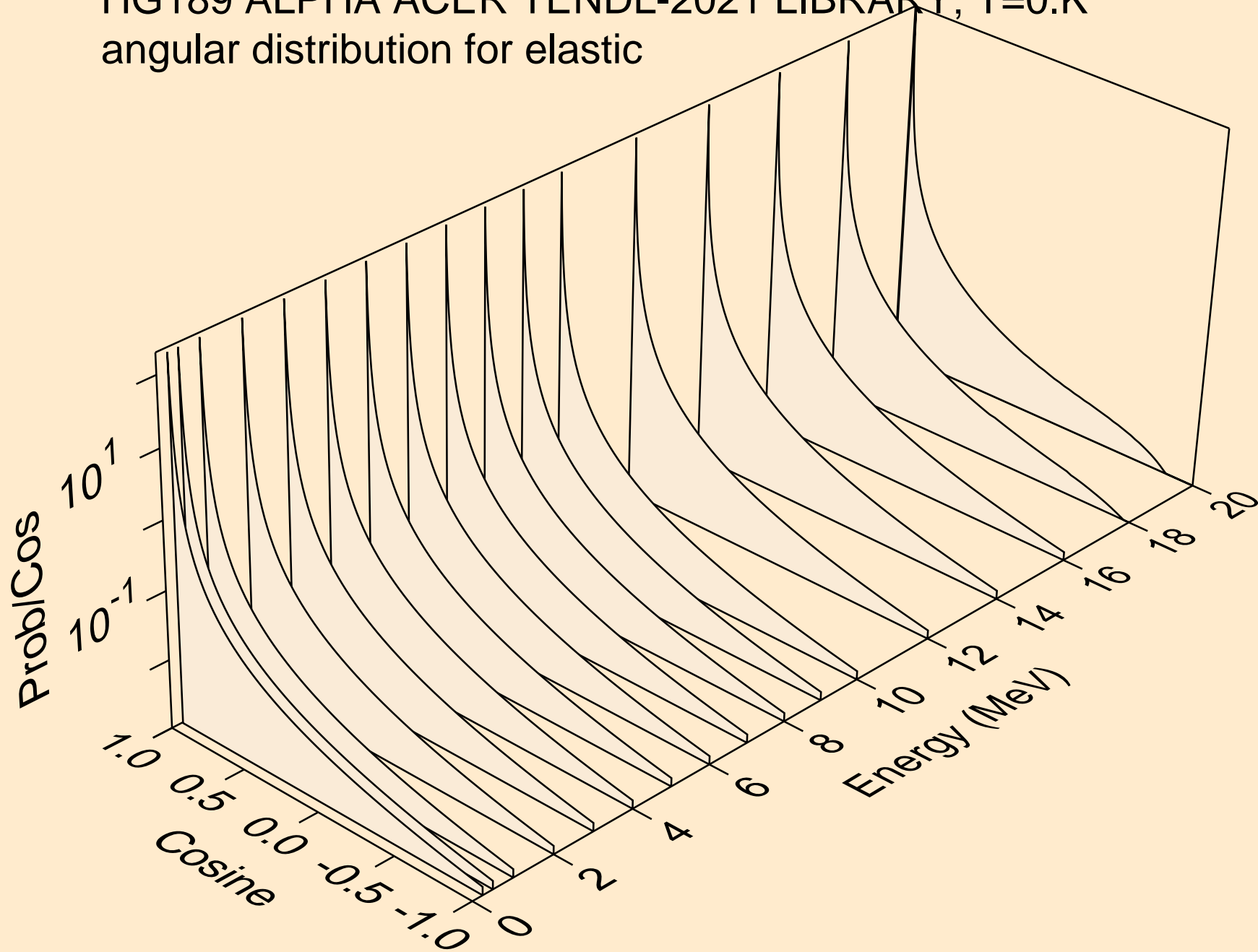
Threshold reactions



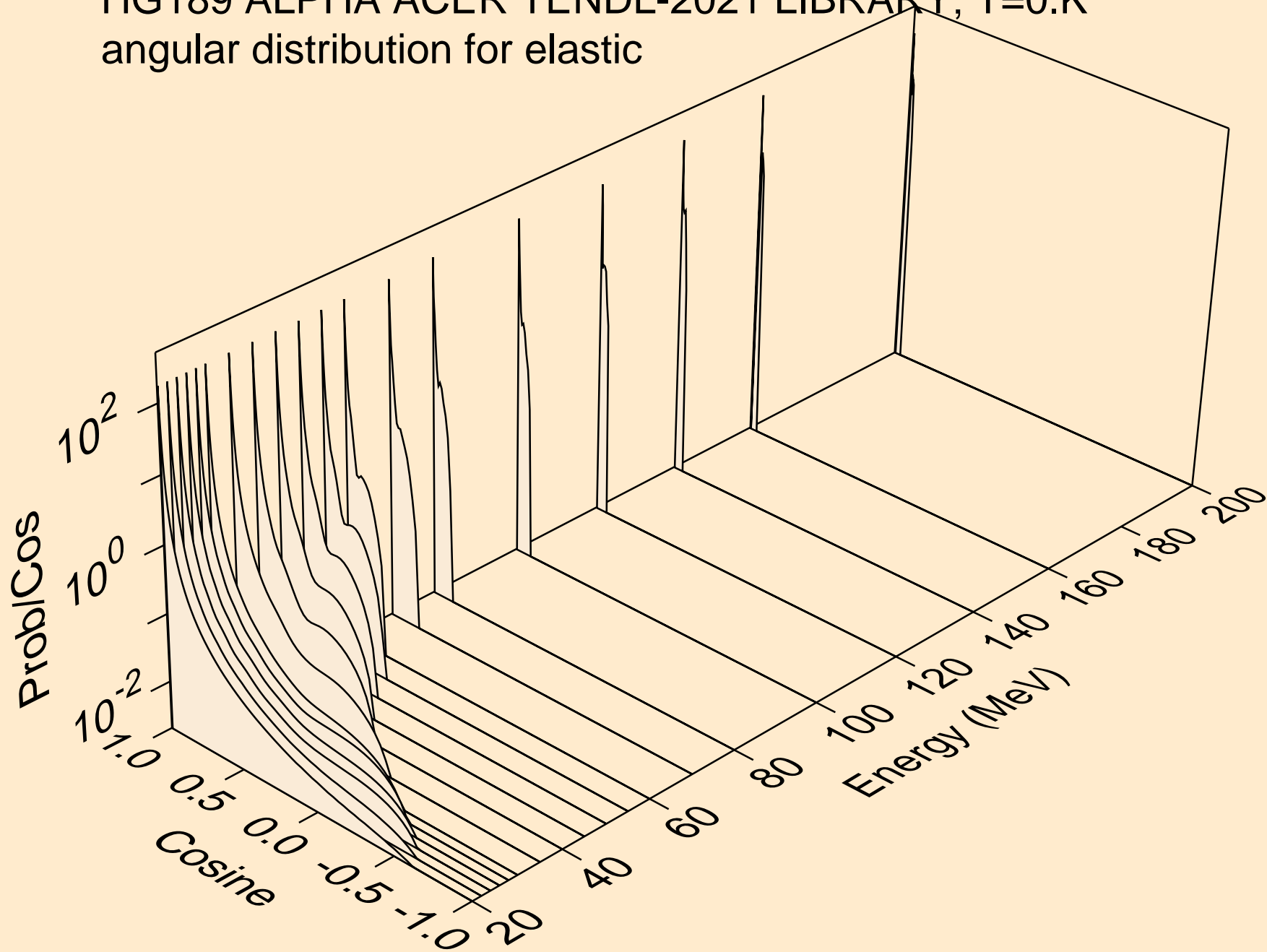
HG189 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Threshold reactions



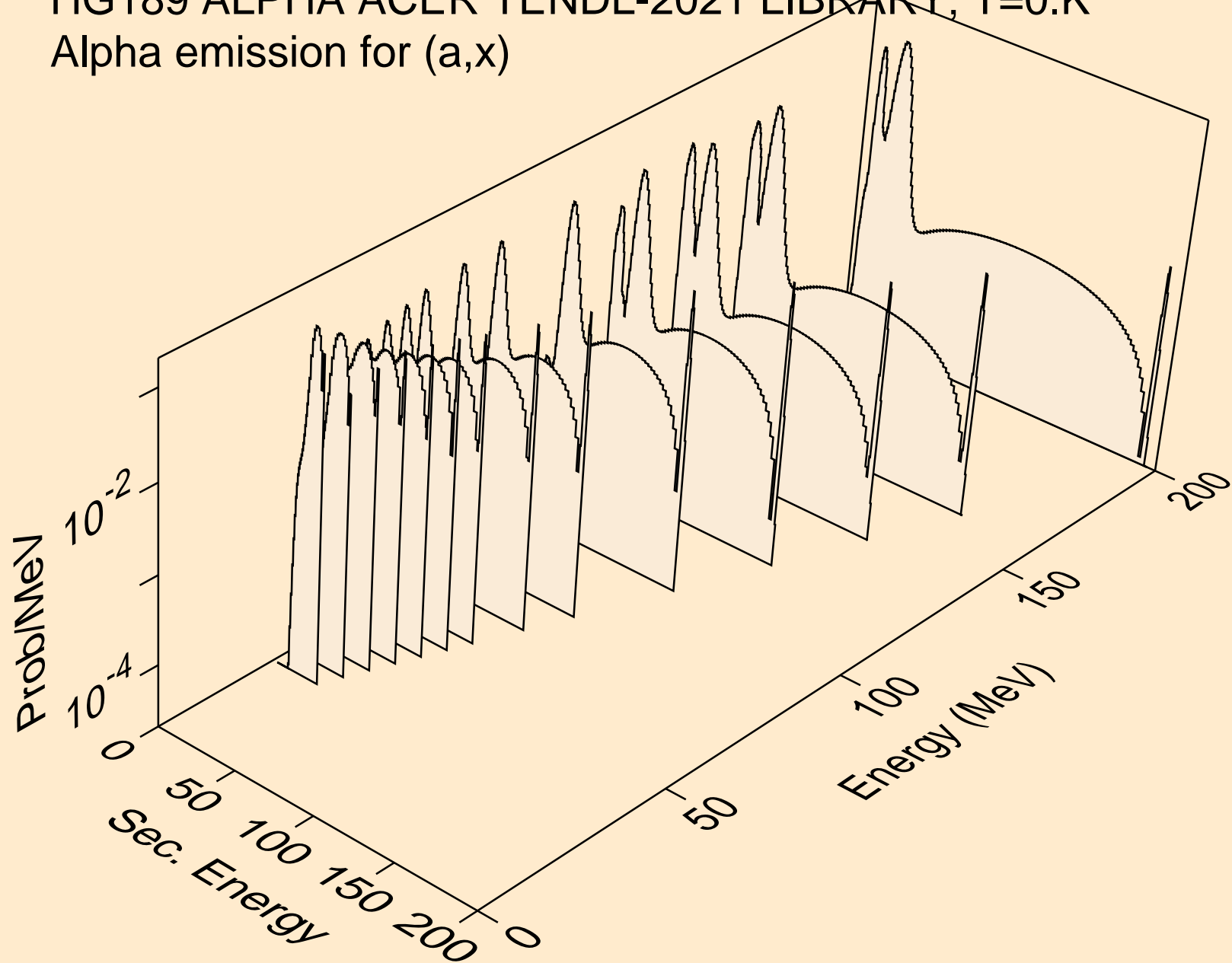
HG189 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
angular distribution for elastic



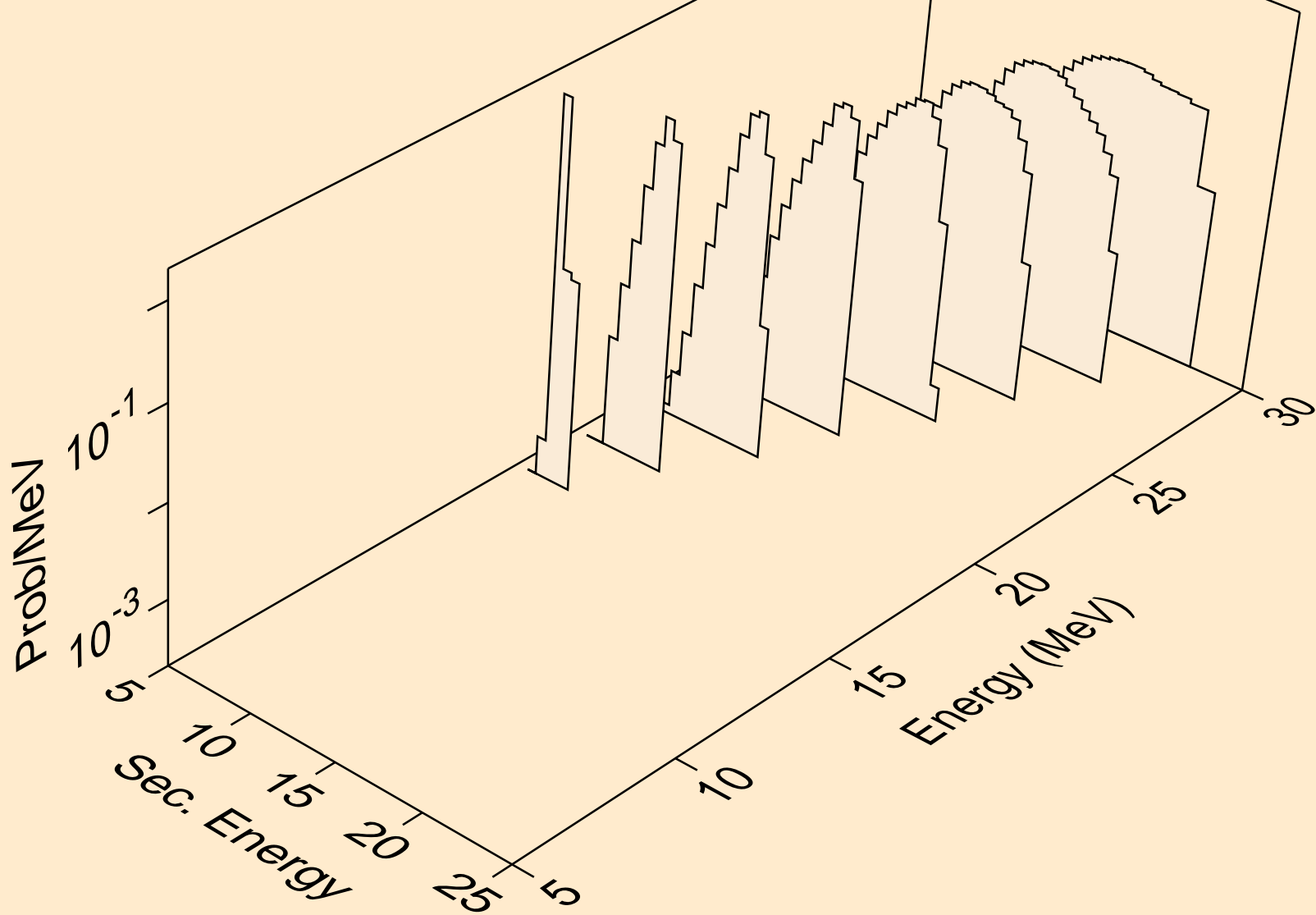
HG189 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
angular distribution for elastic



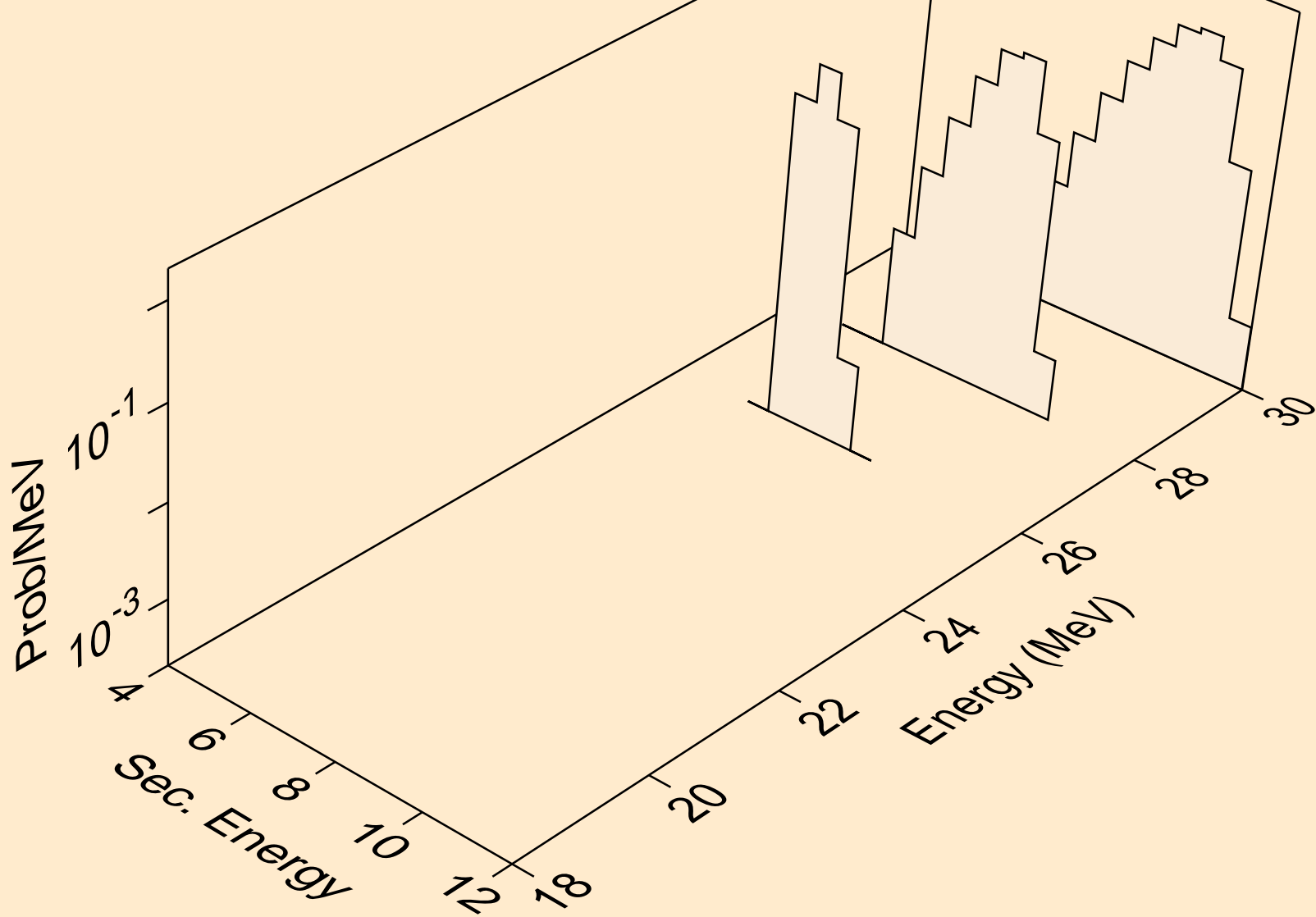
HG189 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Alpha emission for (a,x)



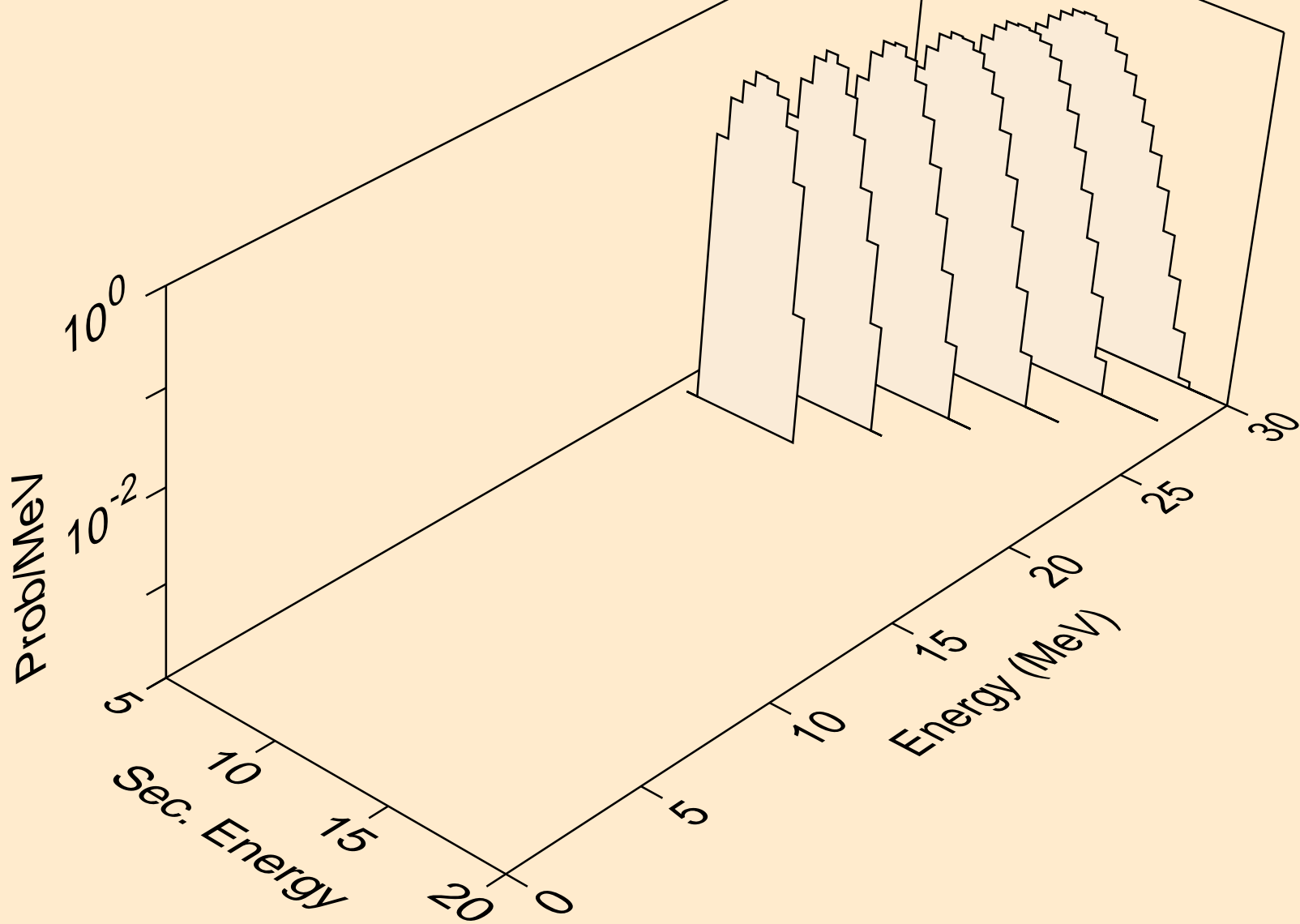
HG189 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Alpha emission for (a,n*)a



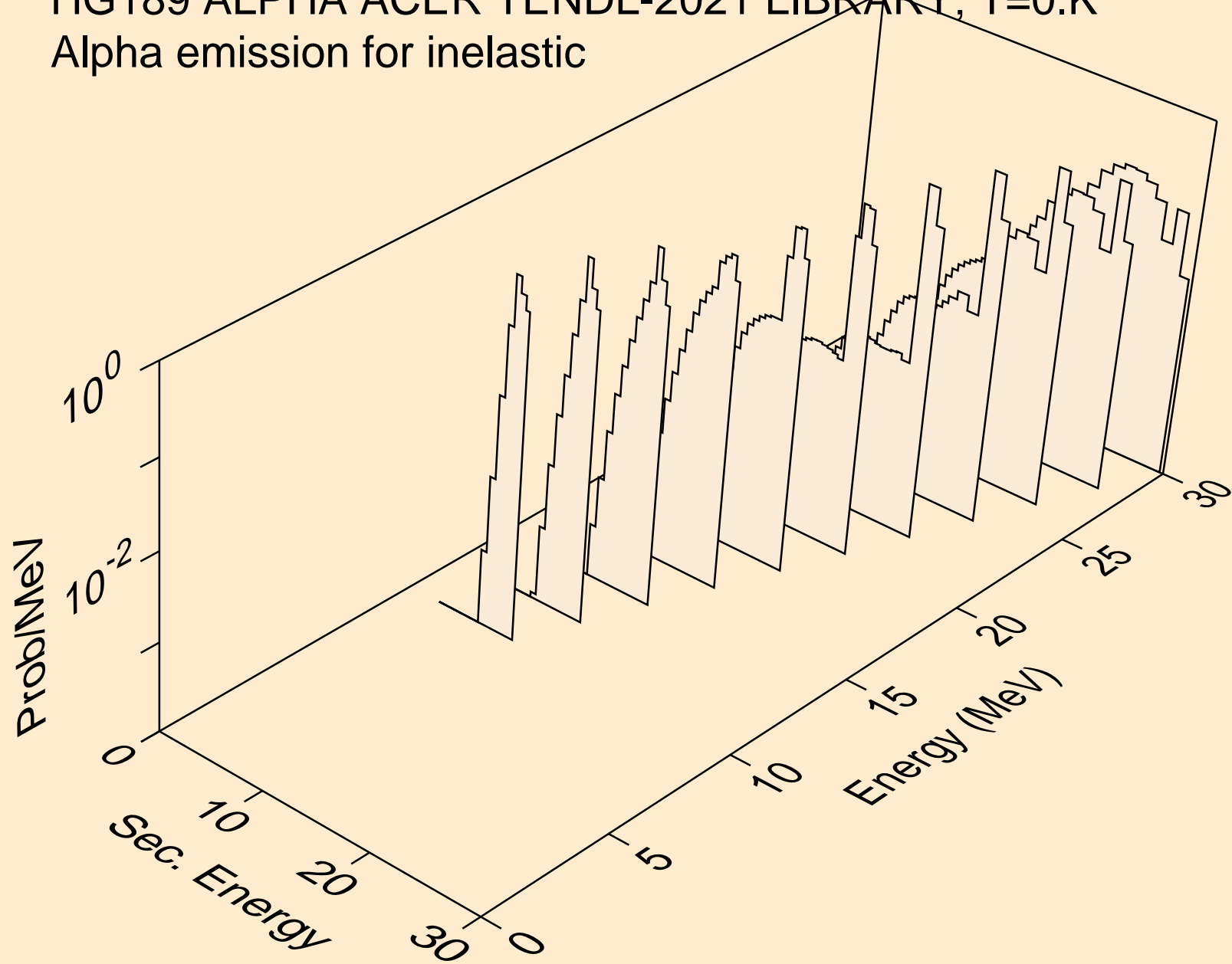
HG189 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Alpha emission for (a,2n)a



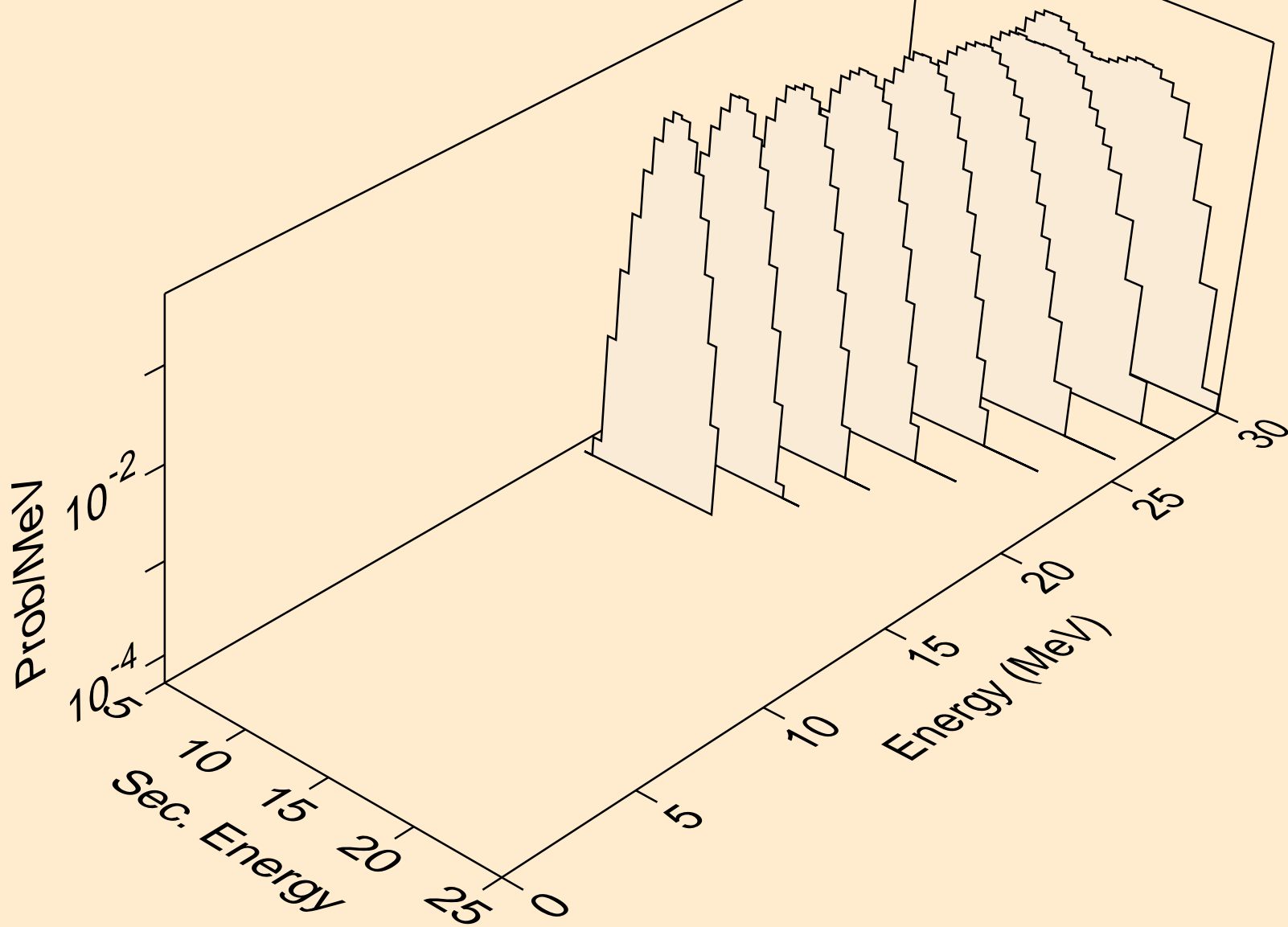
HG189 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Alpha emission for (a,n*)2a



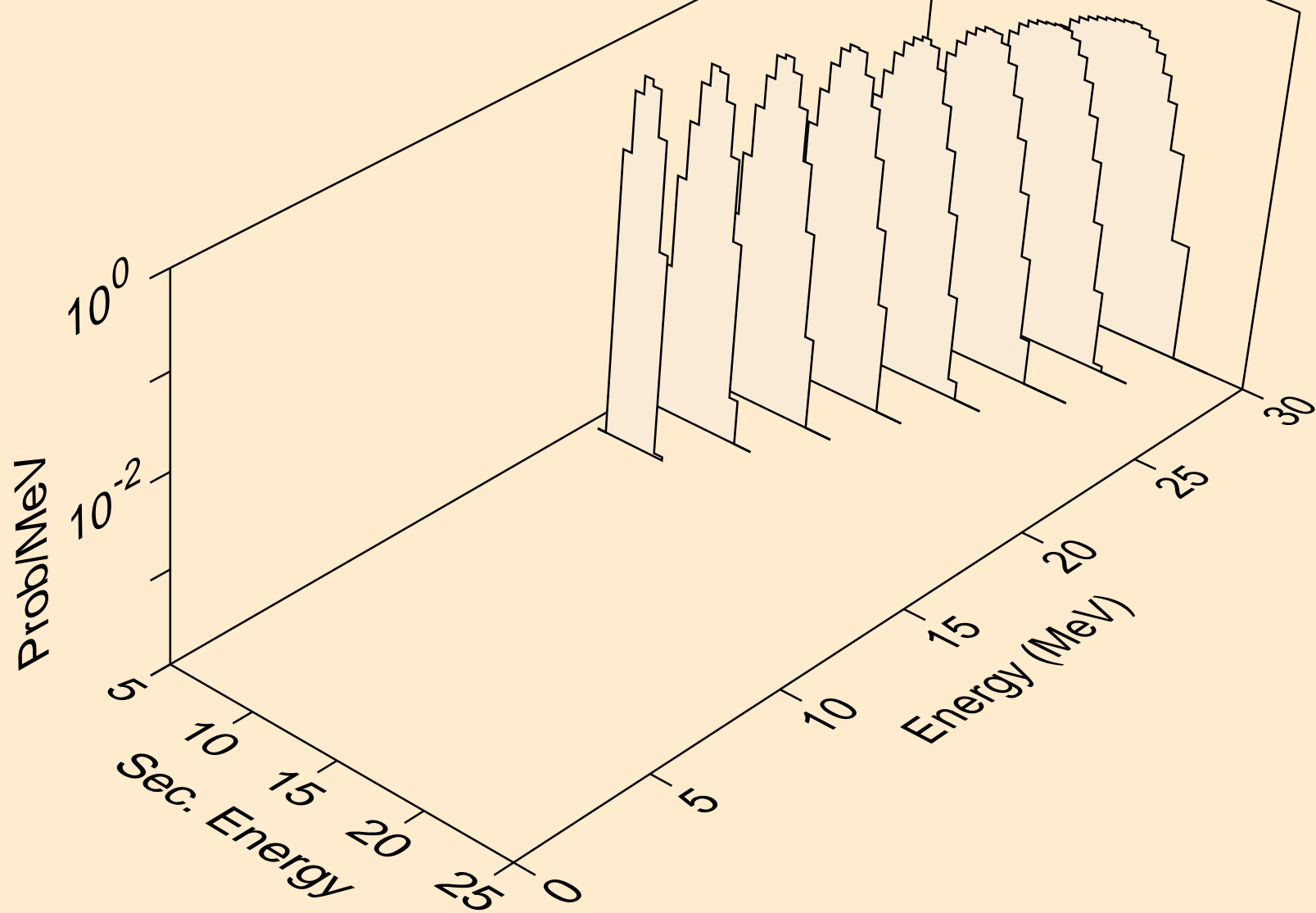
HG189 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Alpha emission for inelastic



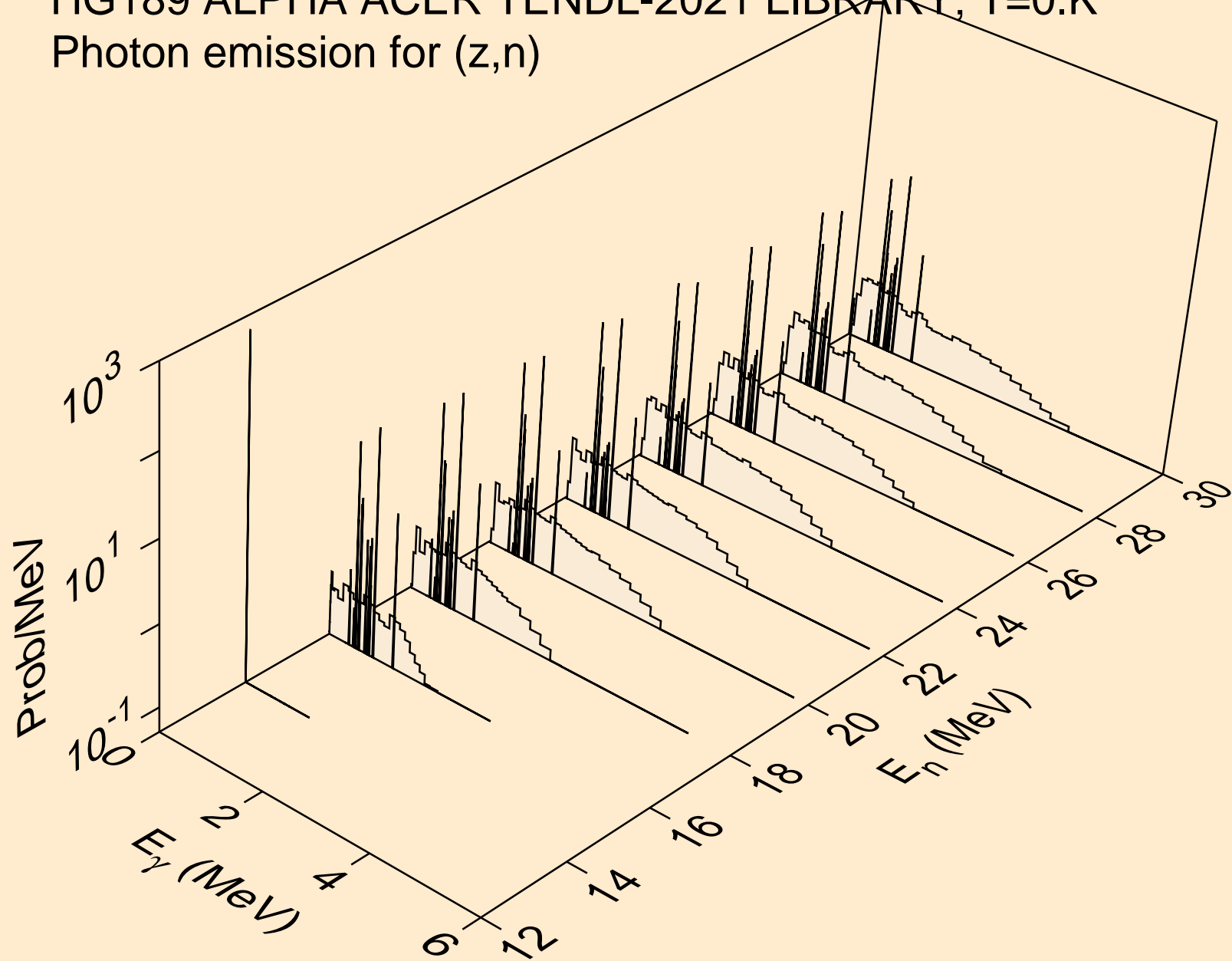
HG189 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Alpha emission for (a,2a)



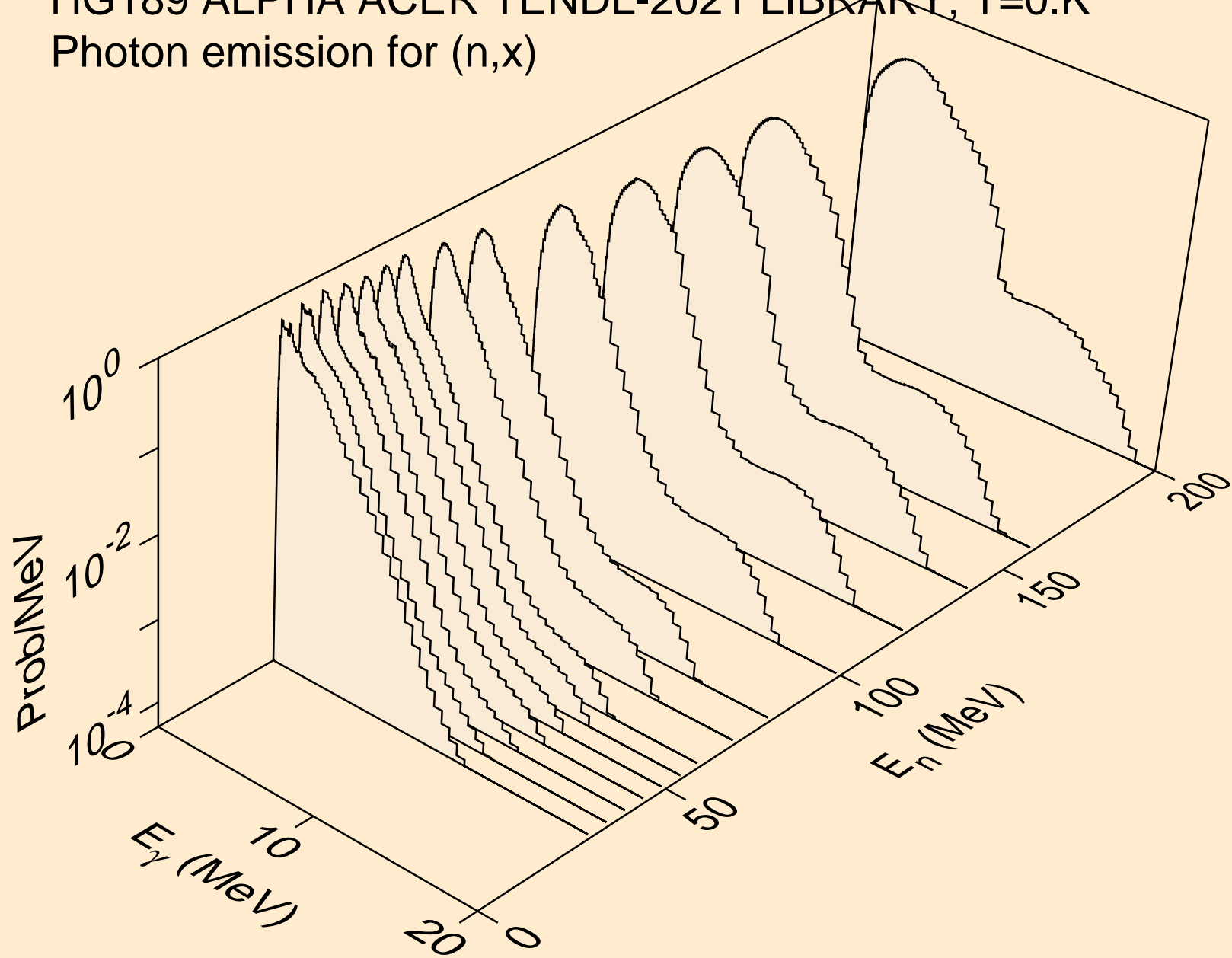
HG189 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Alpha emission for (a,pa)



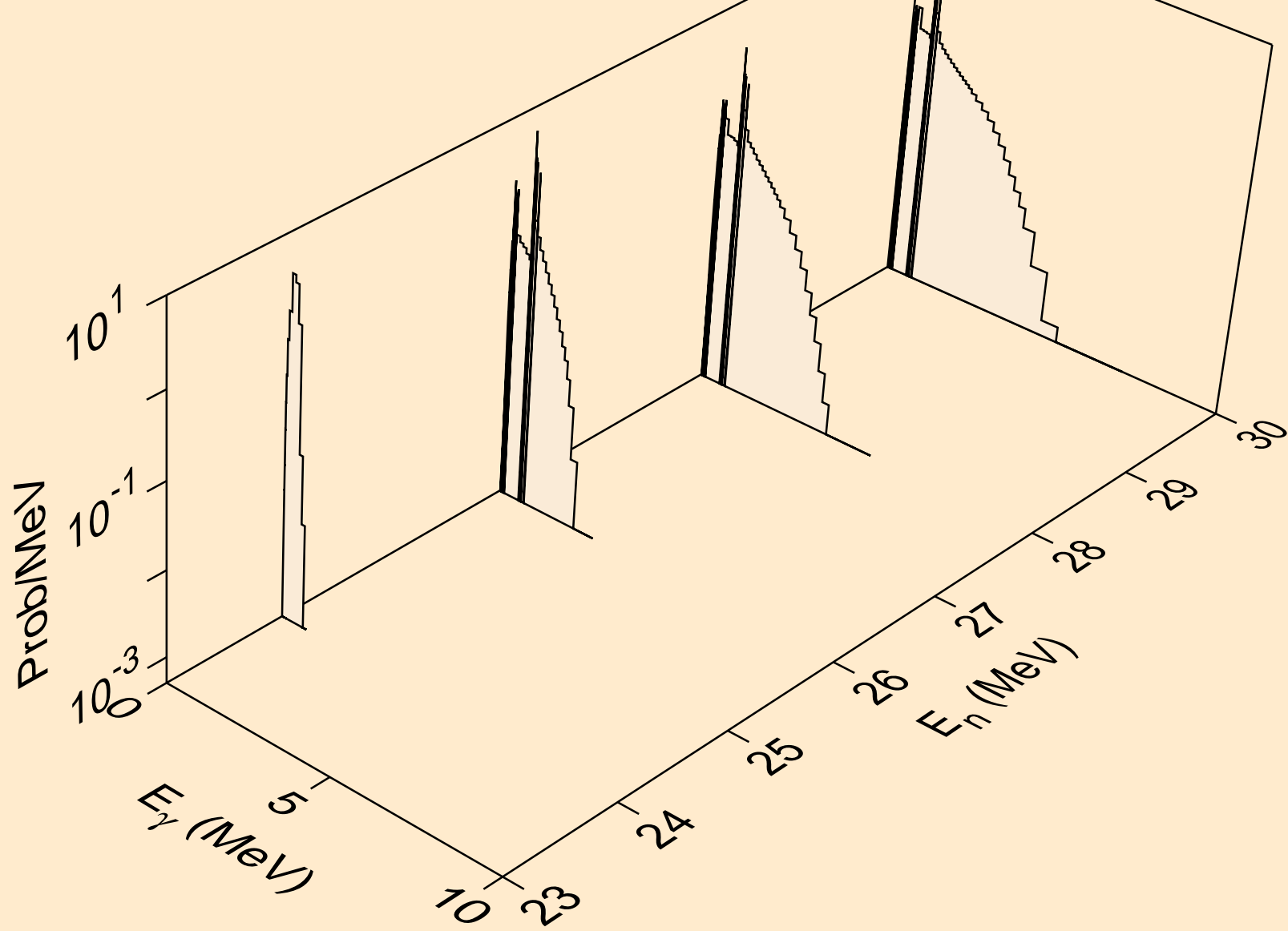
HG189 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (z,n)



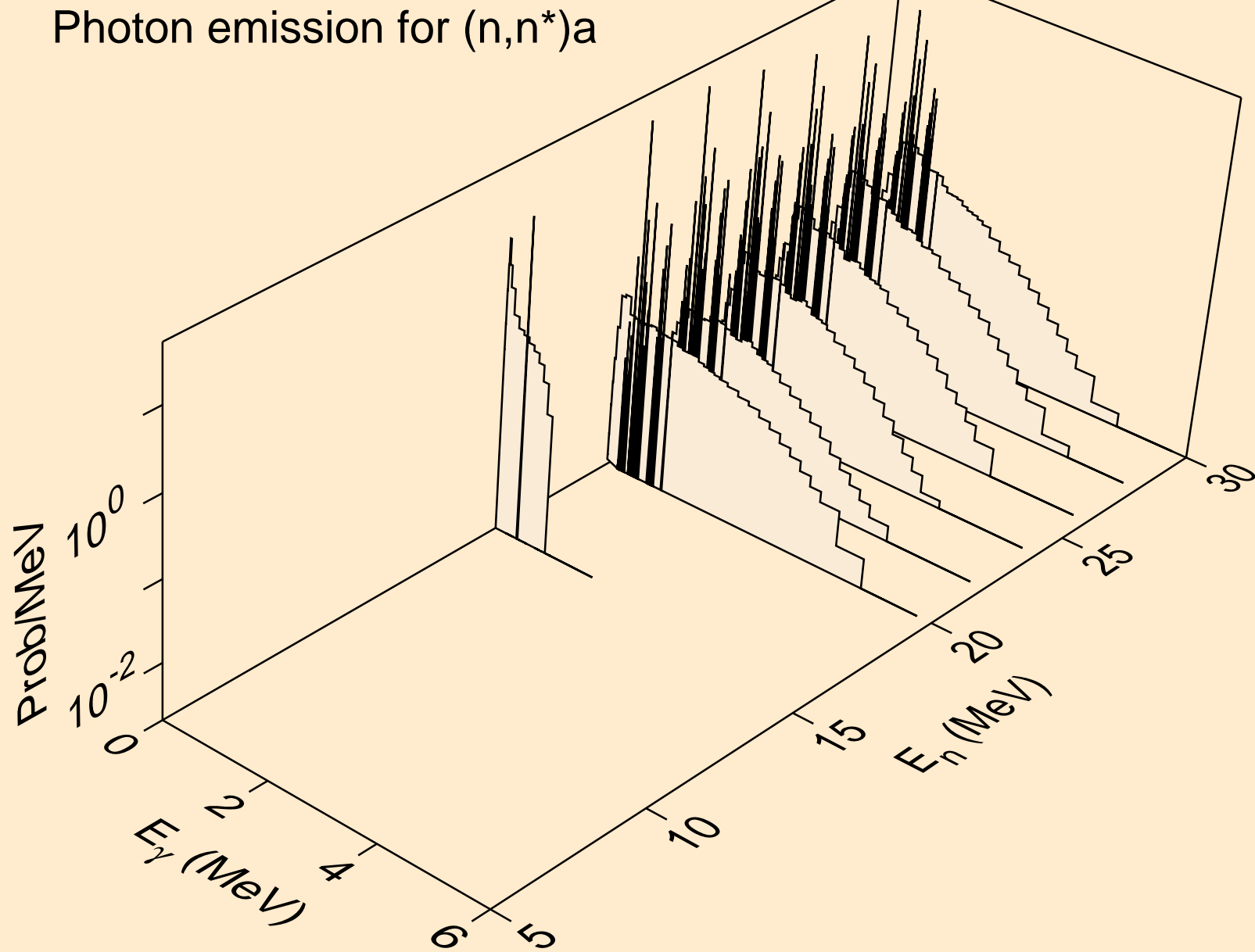
HG189 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,x)



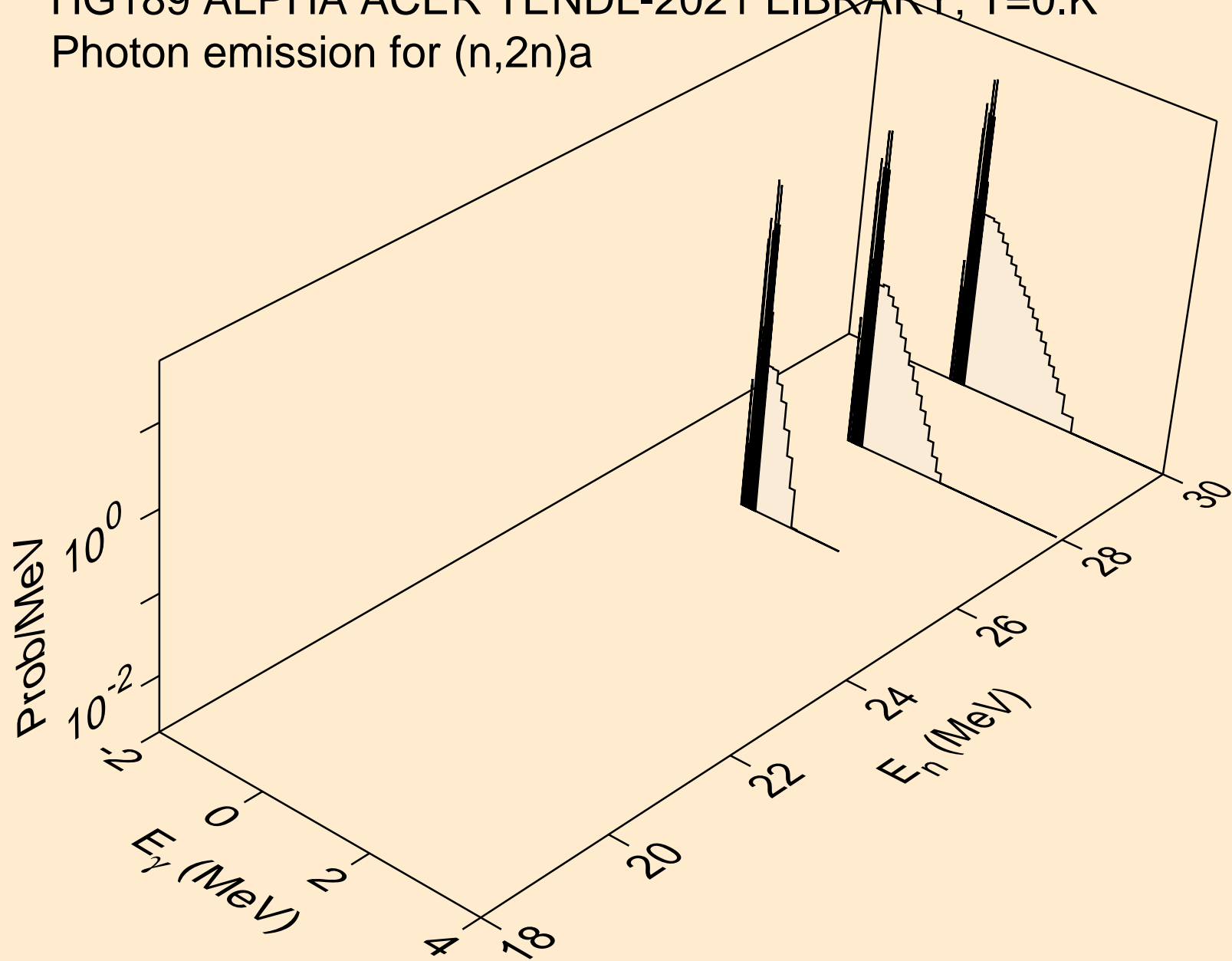
HG189 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2n)



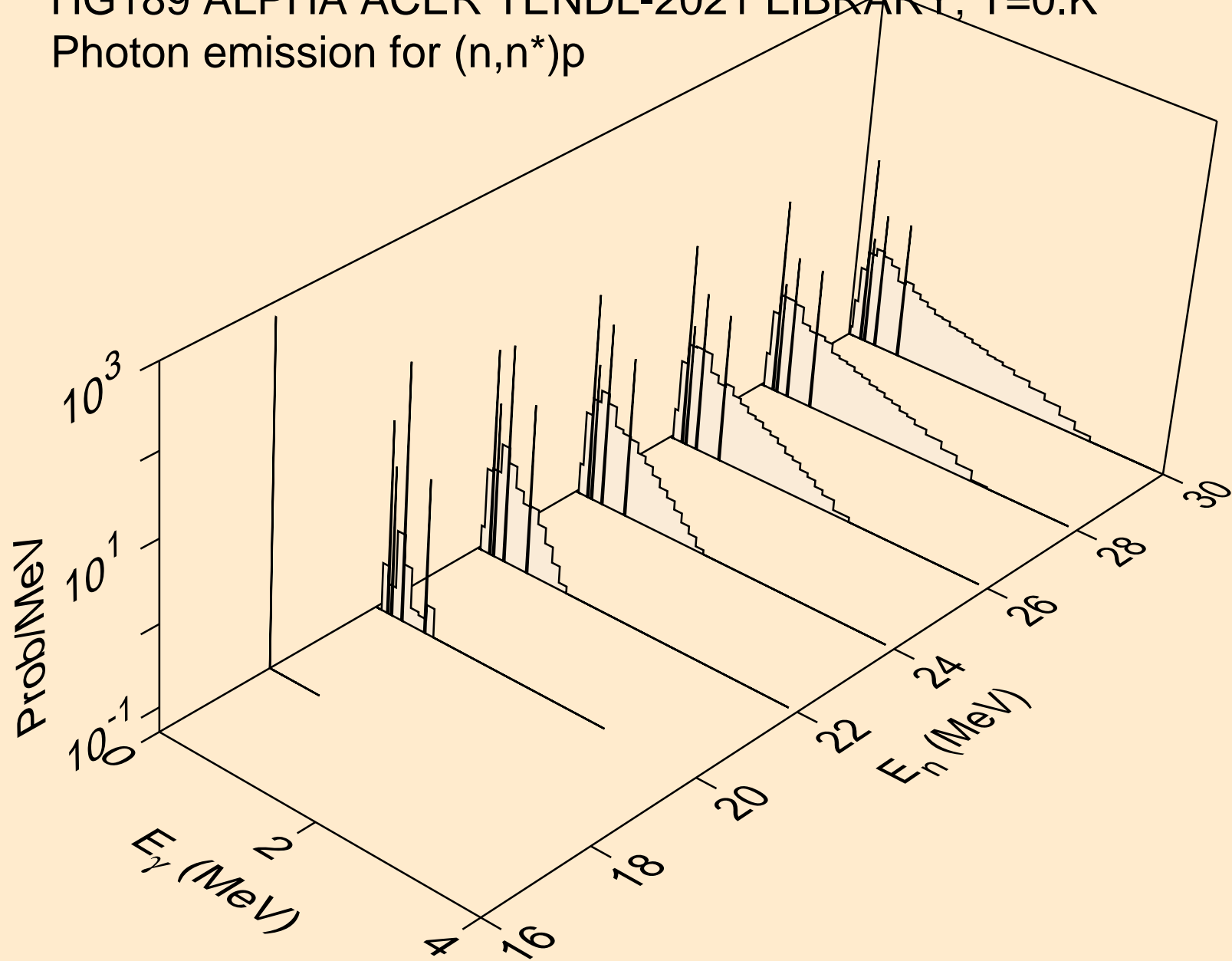
HG189 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,n*)a



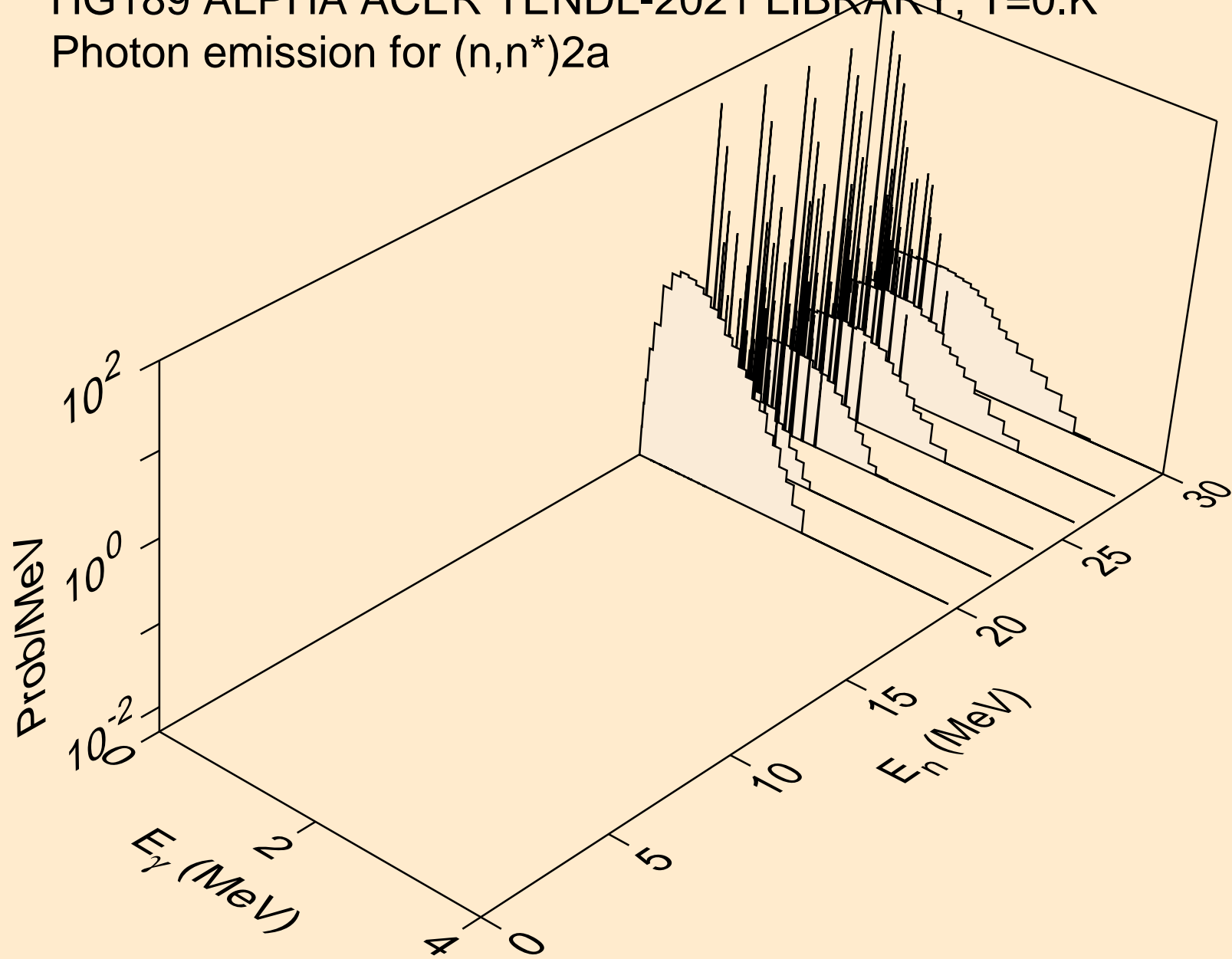
HG189 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2n)a



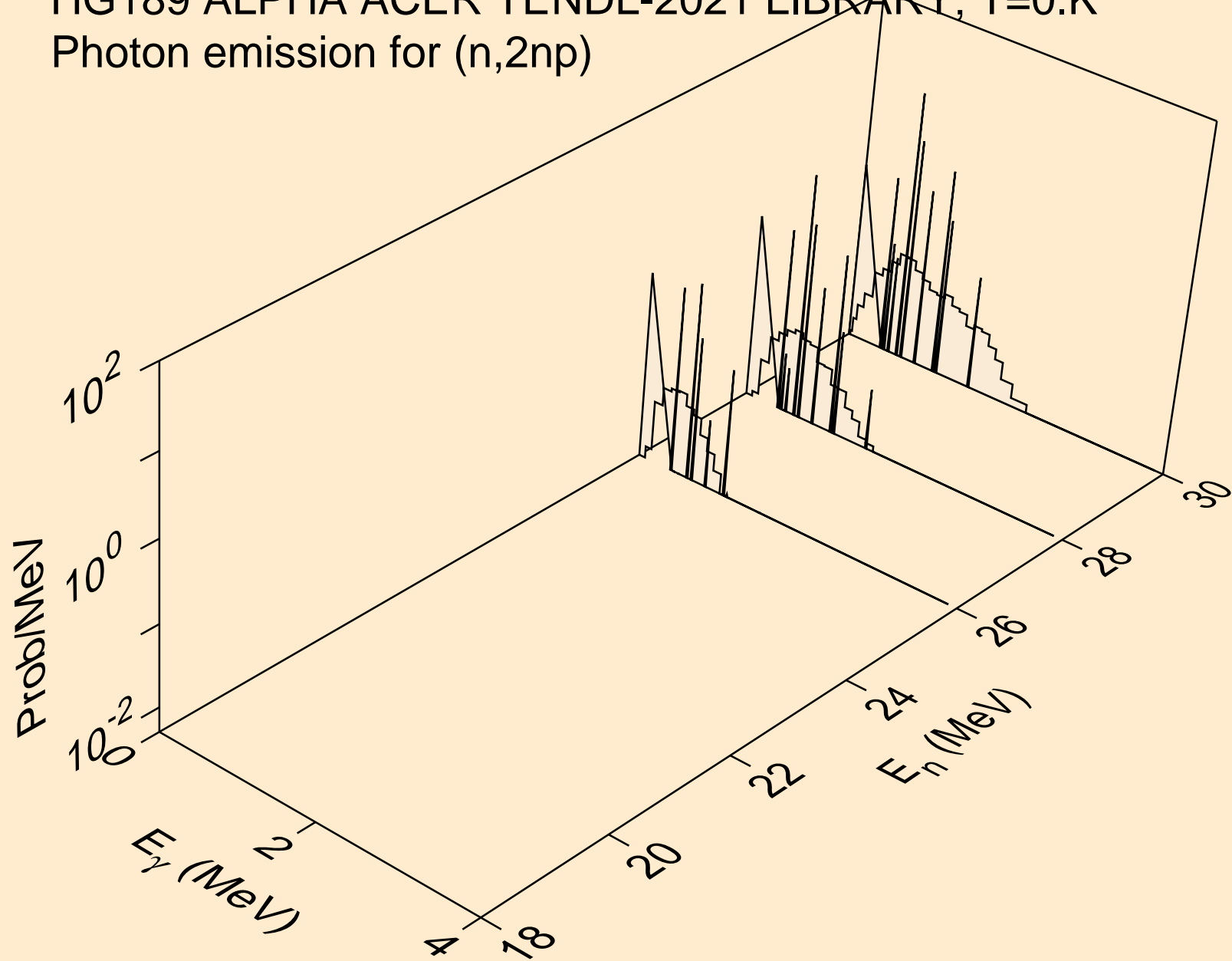
HG189 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,n*)p



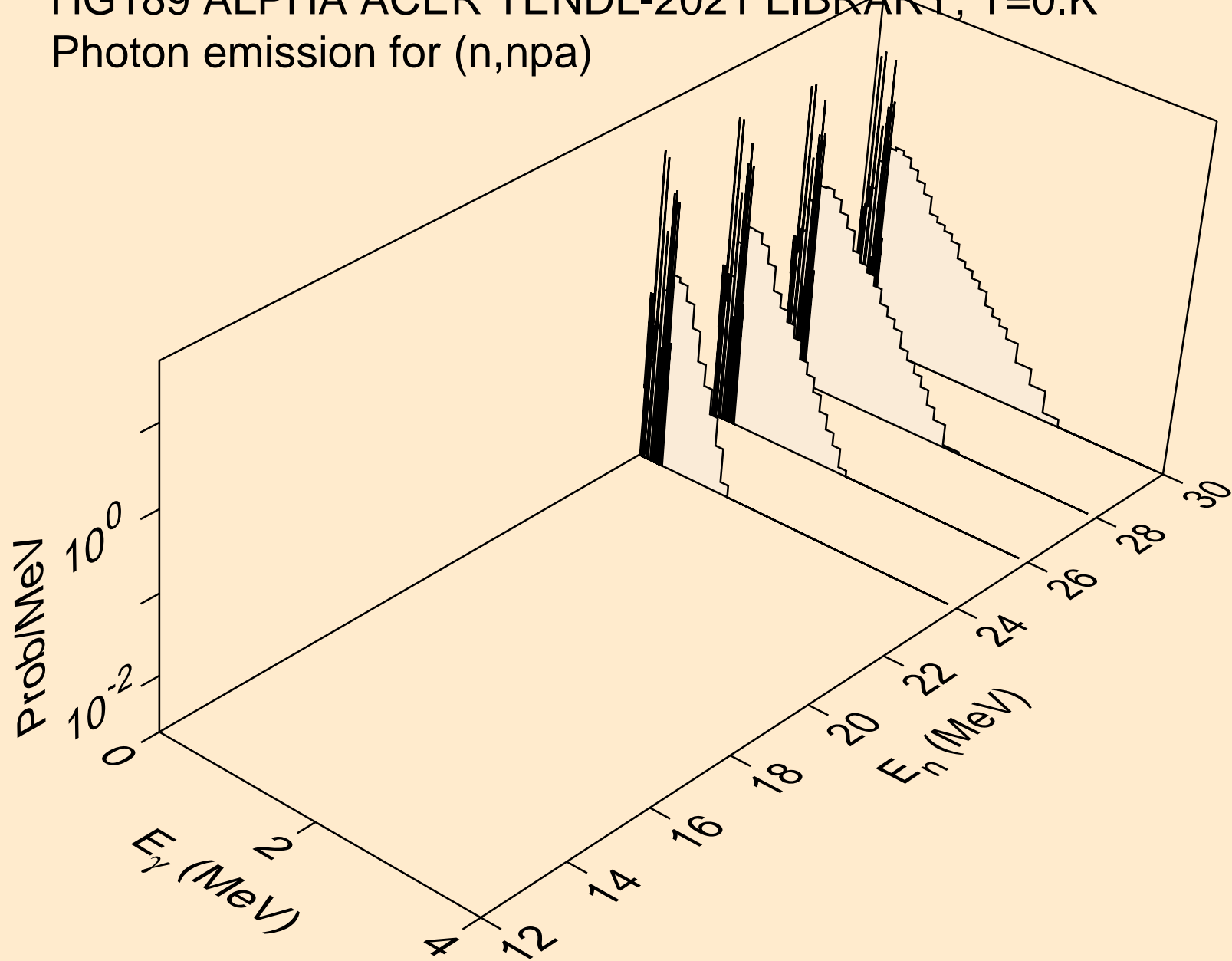
HG189 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,n*)2a



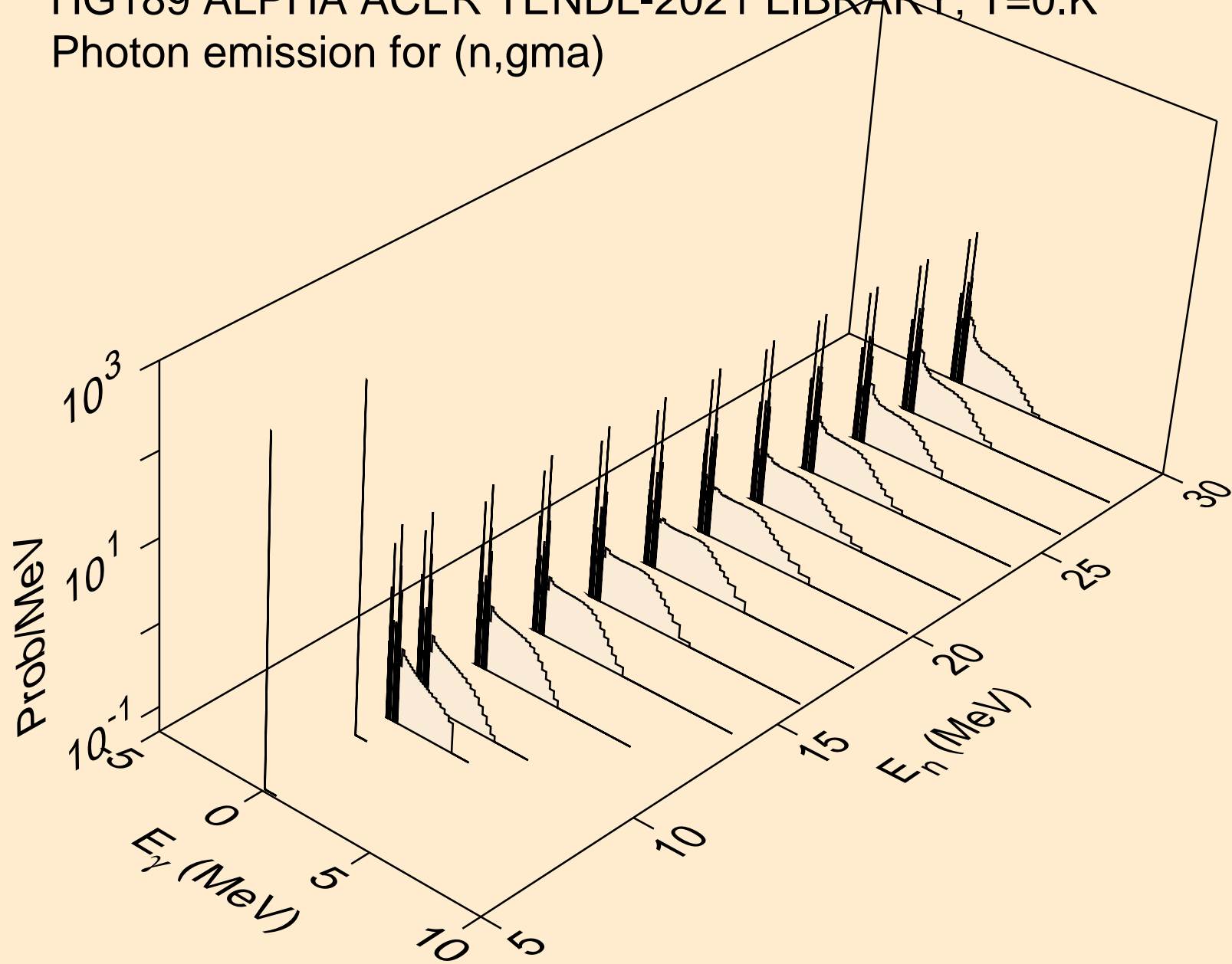
HG189 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2np)



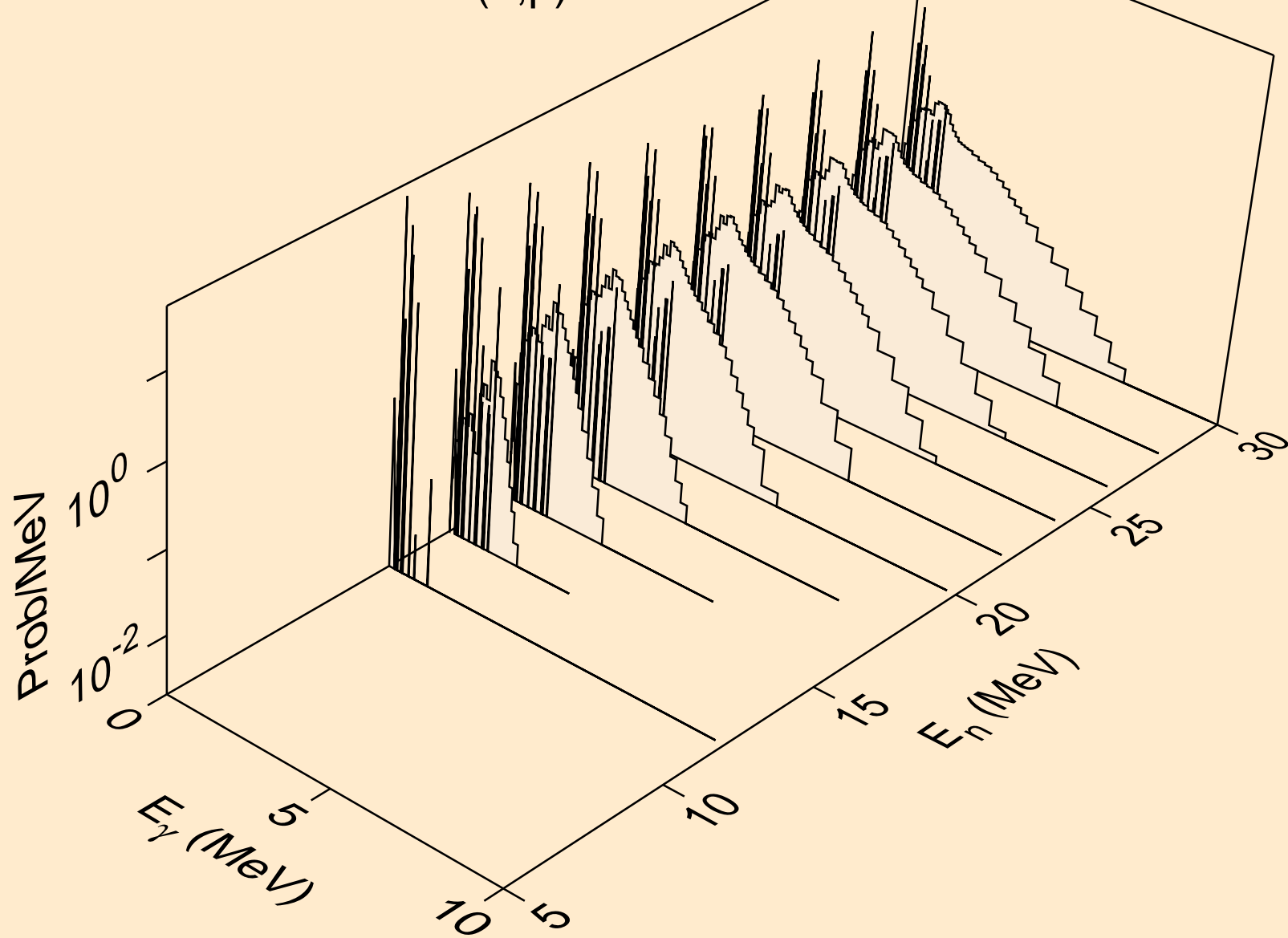
HG189 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,npa)



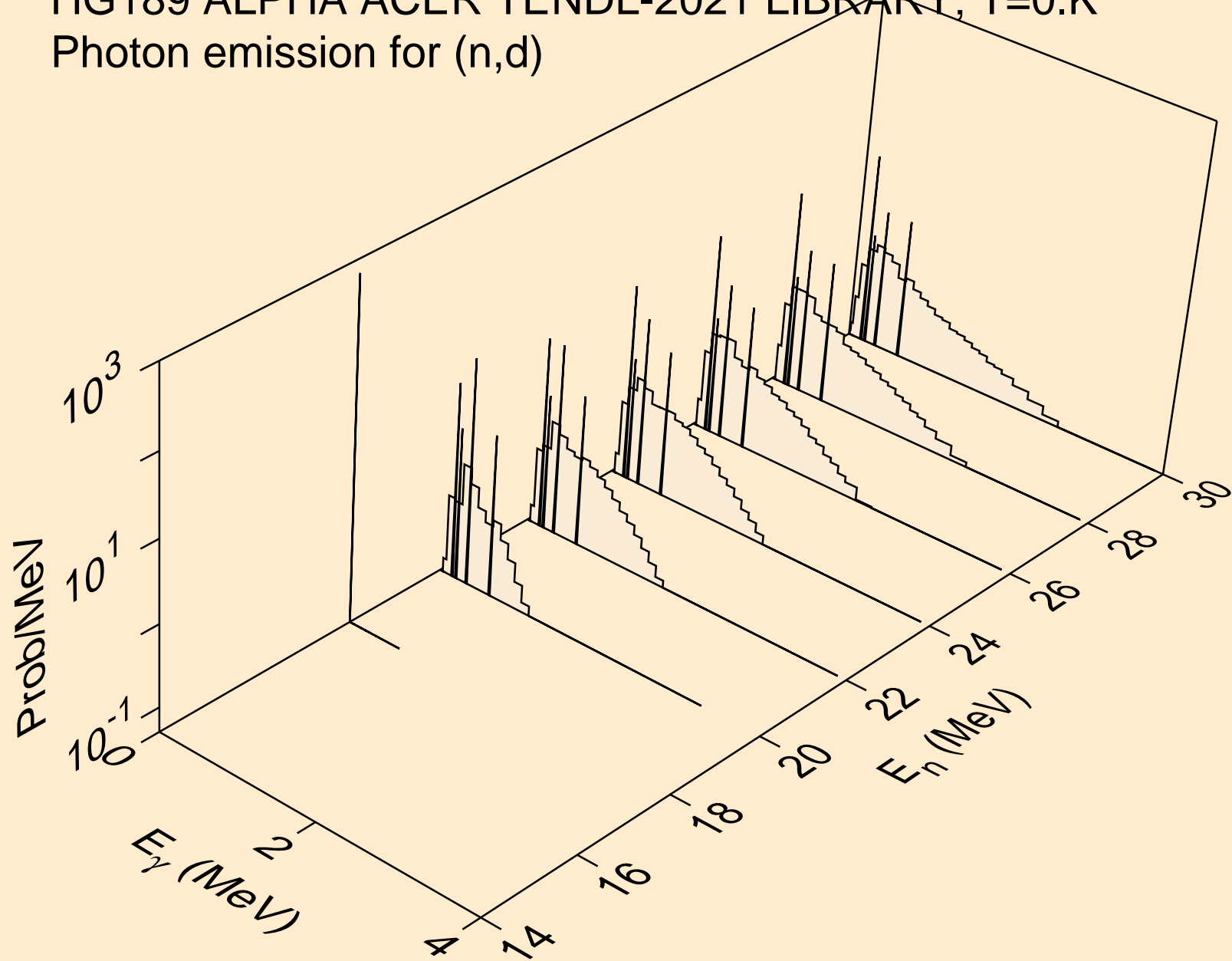
HG189 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,gma)



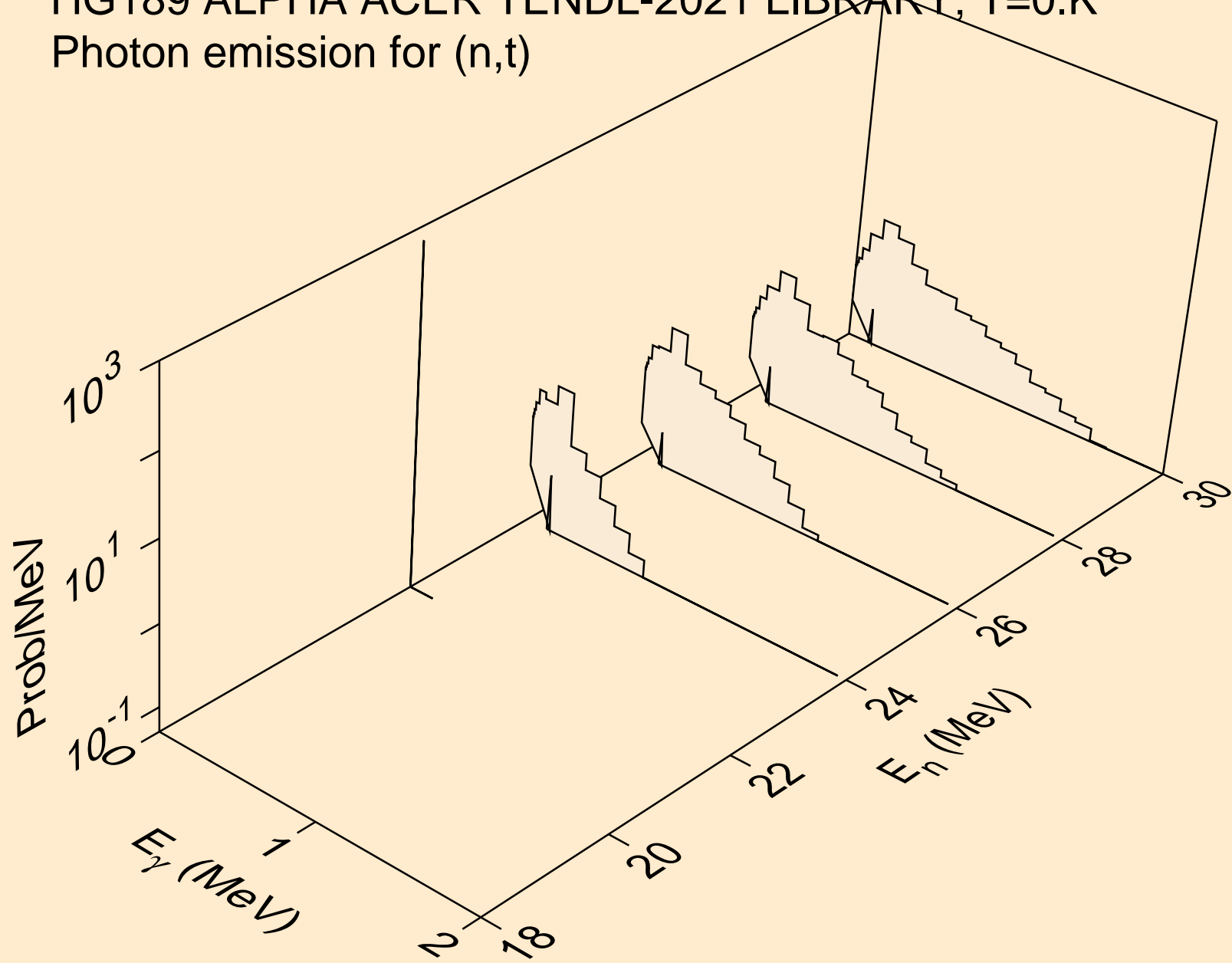
HG189 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,p)



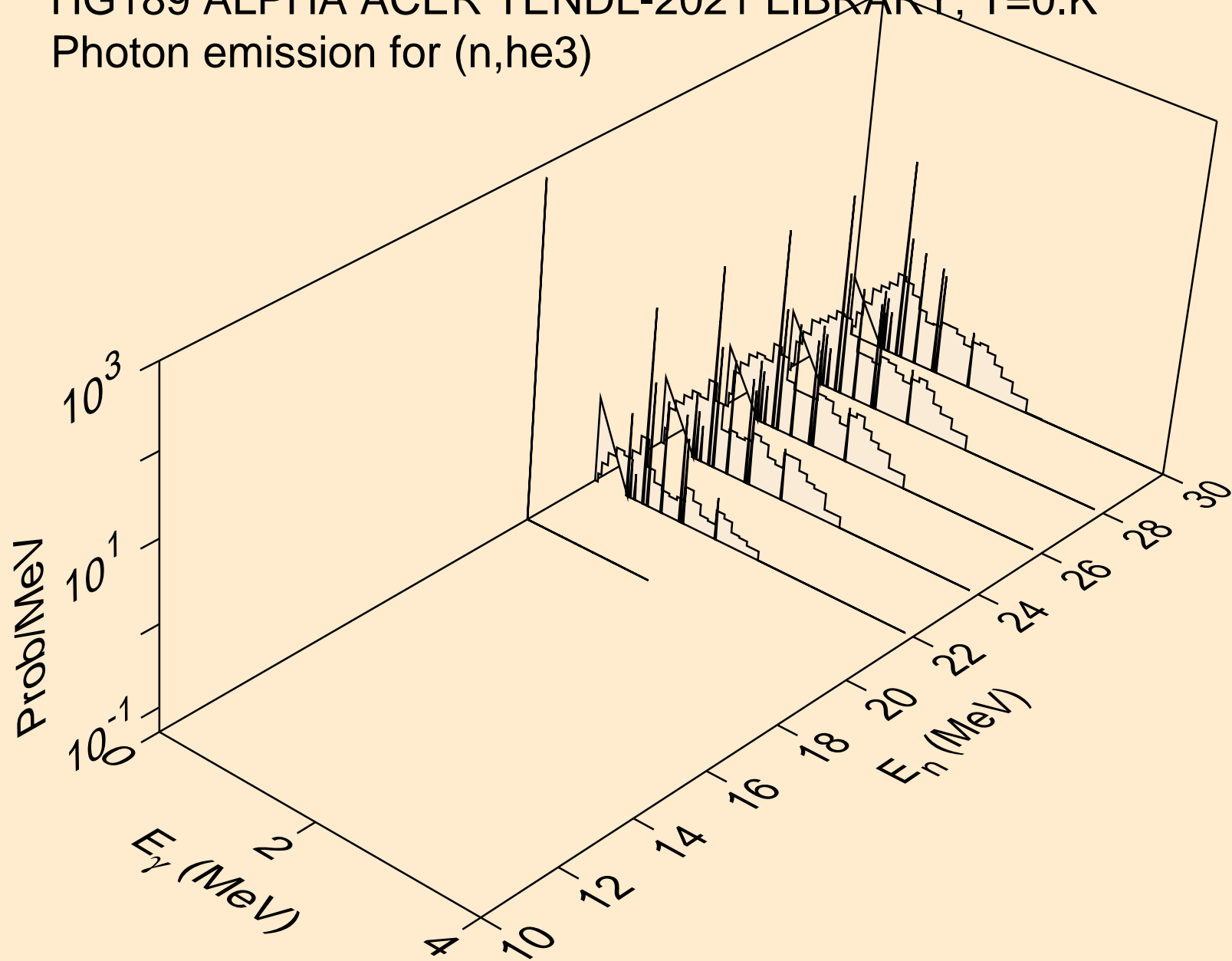
HG189 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,d)



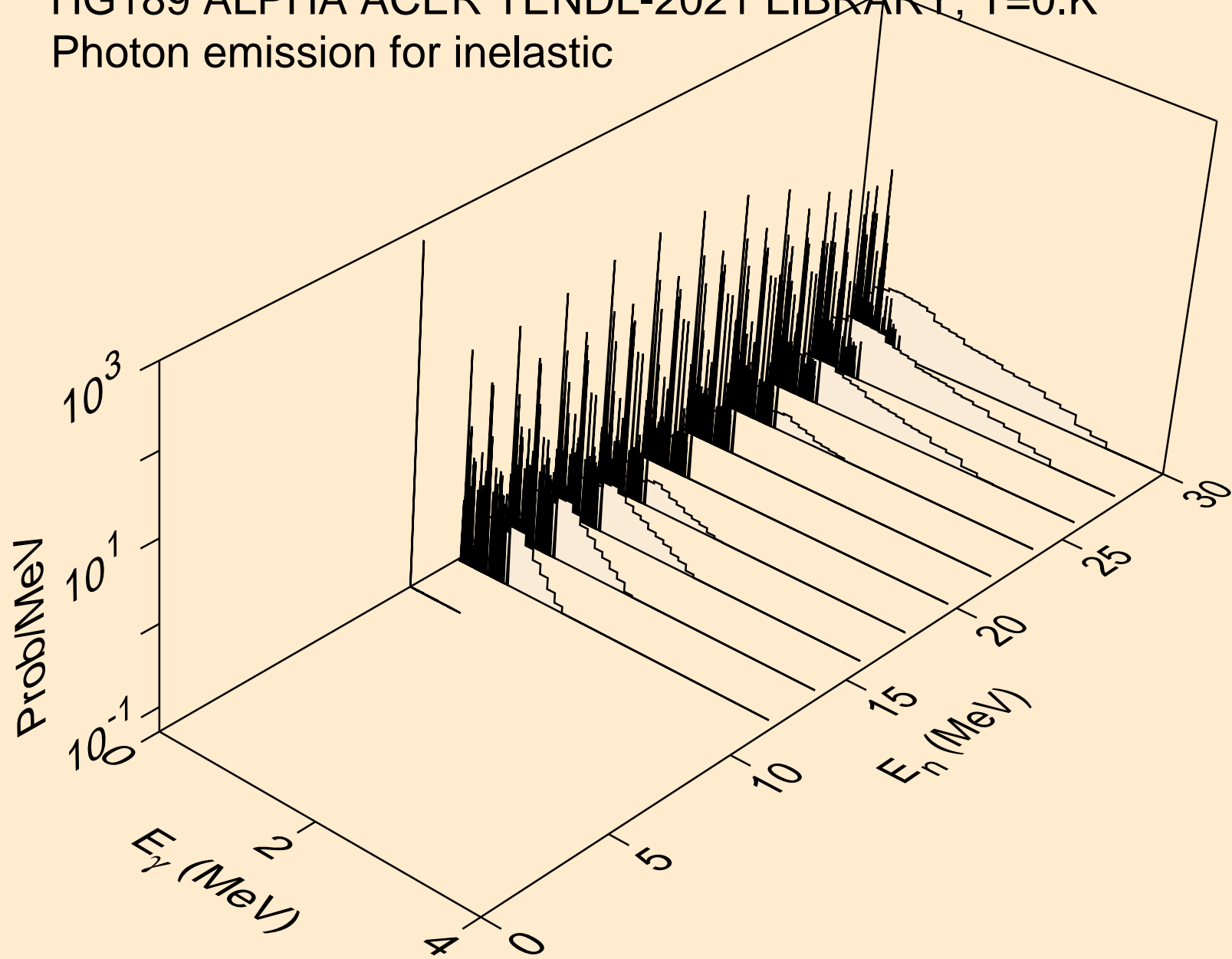
HG189 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,t)



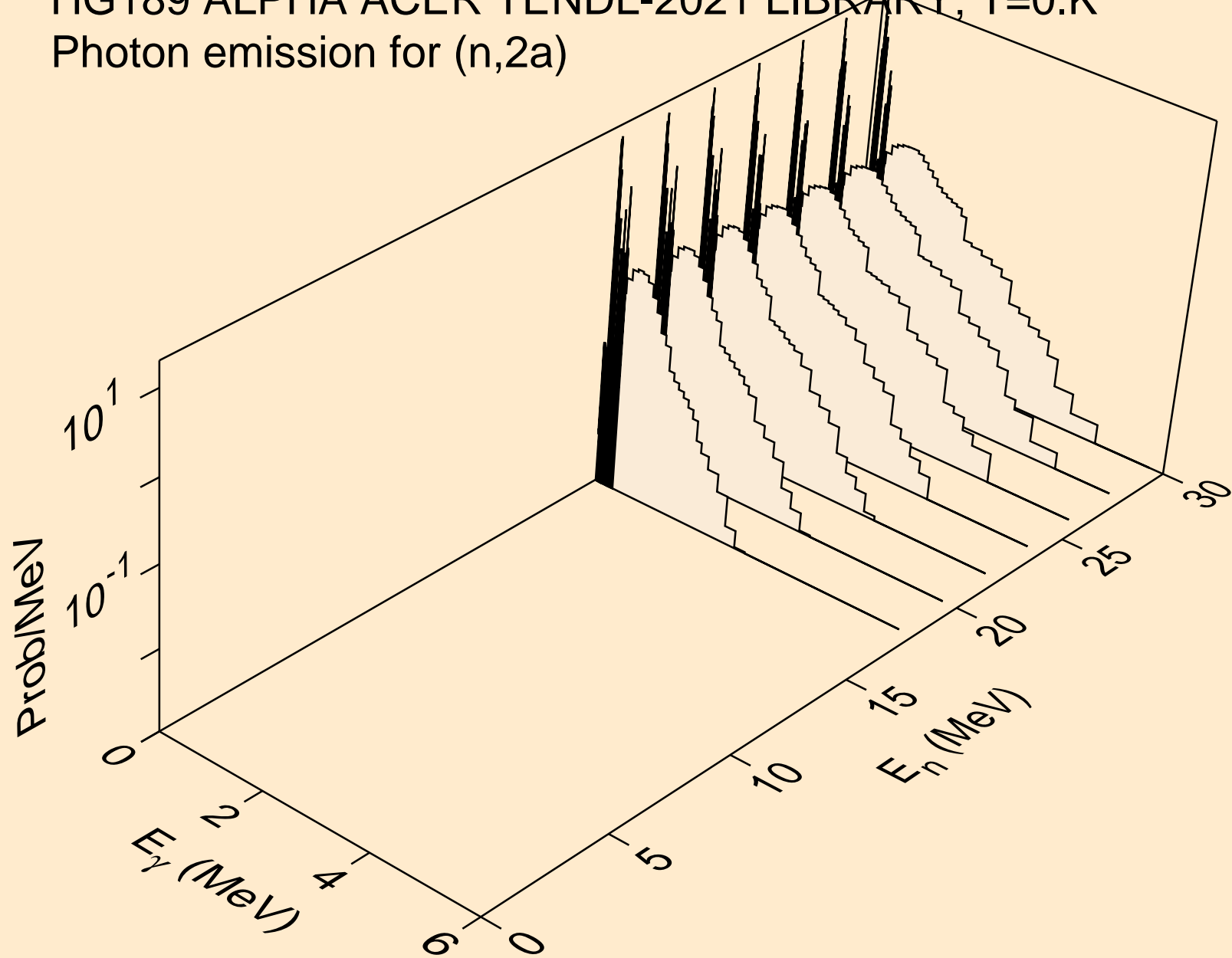
HG189 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,he3)



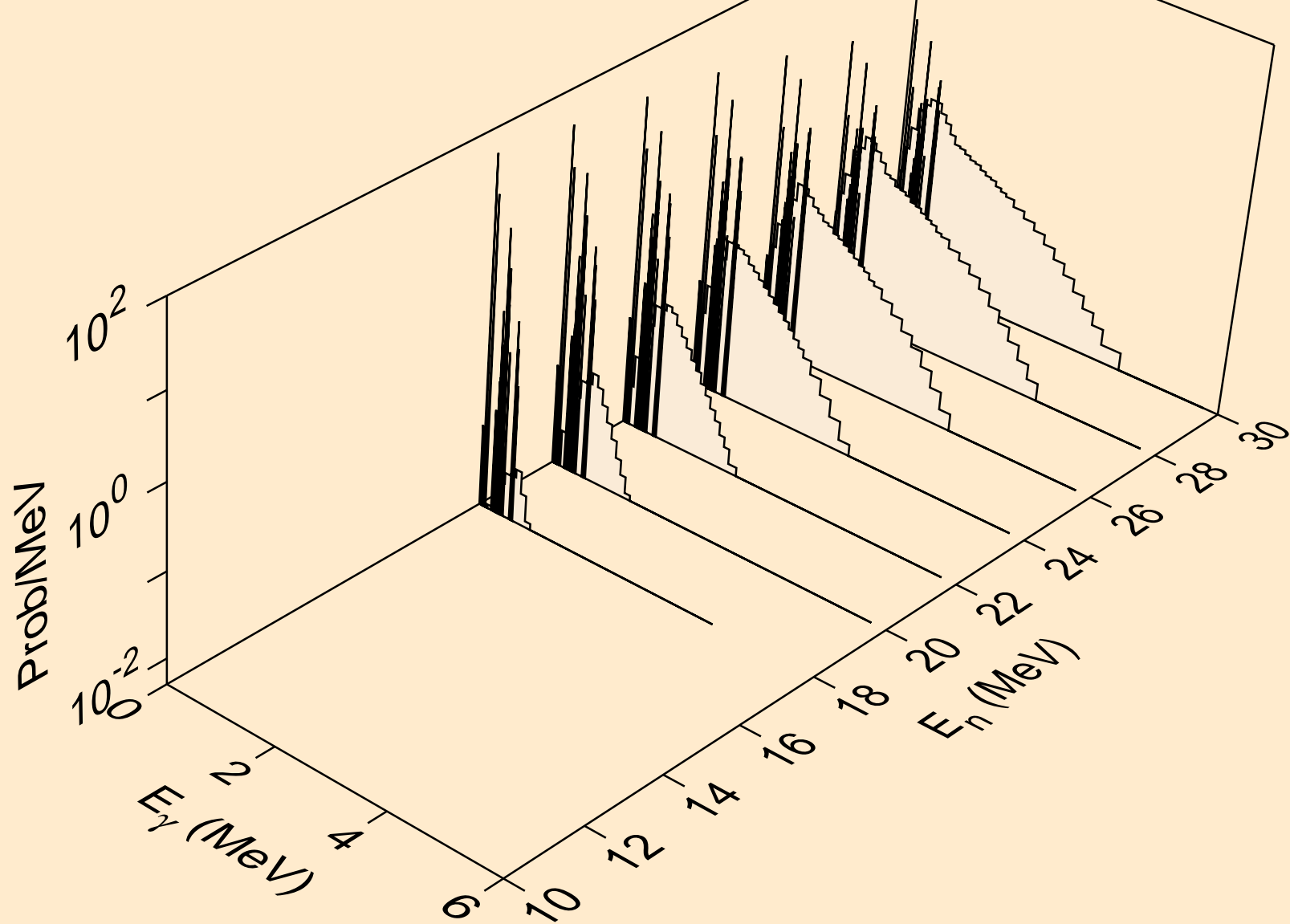
HG189 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for inelastic



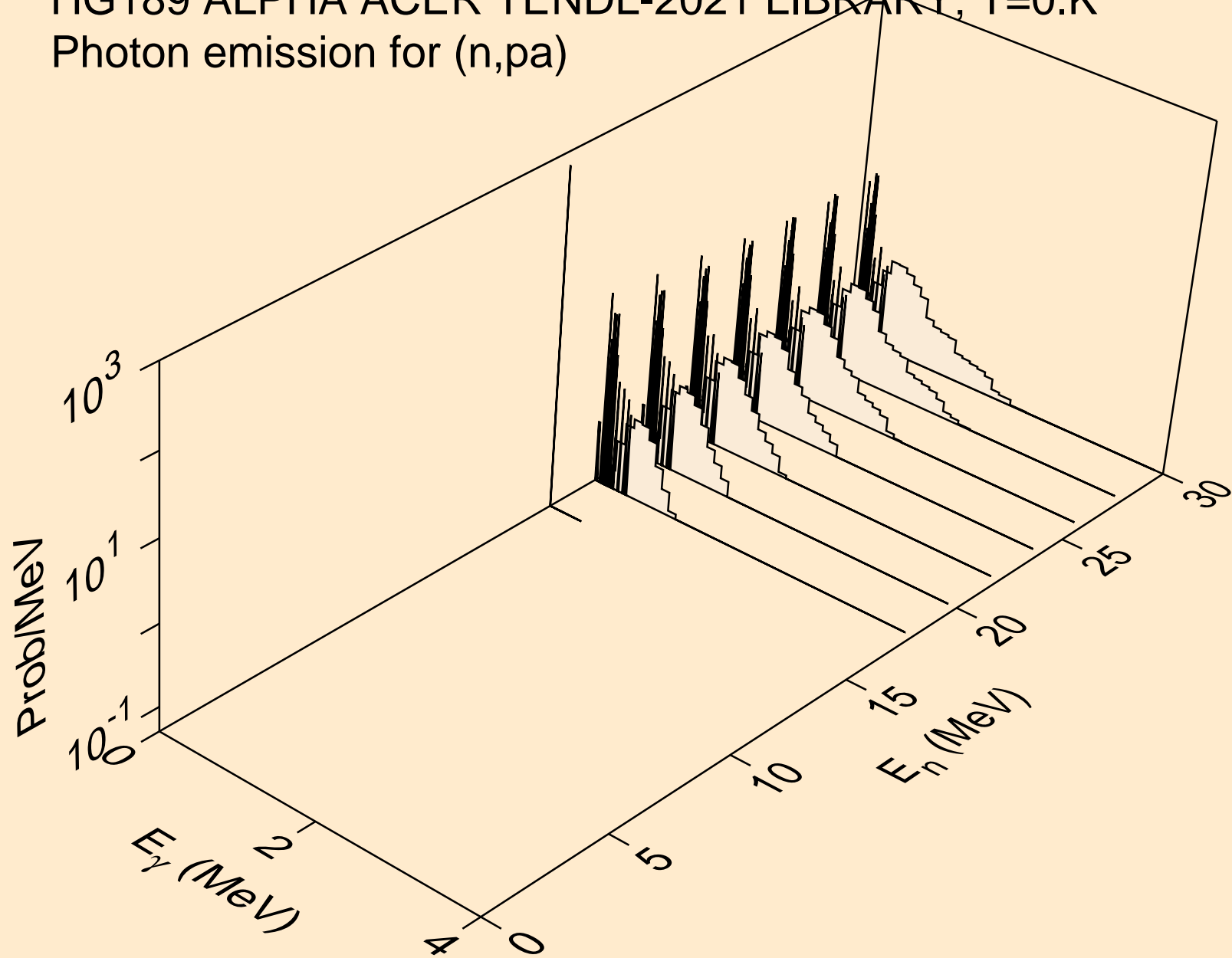
HG189 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2a)



HG189 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2p)

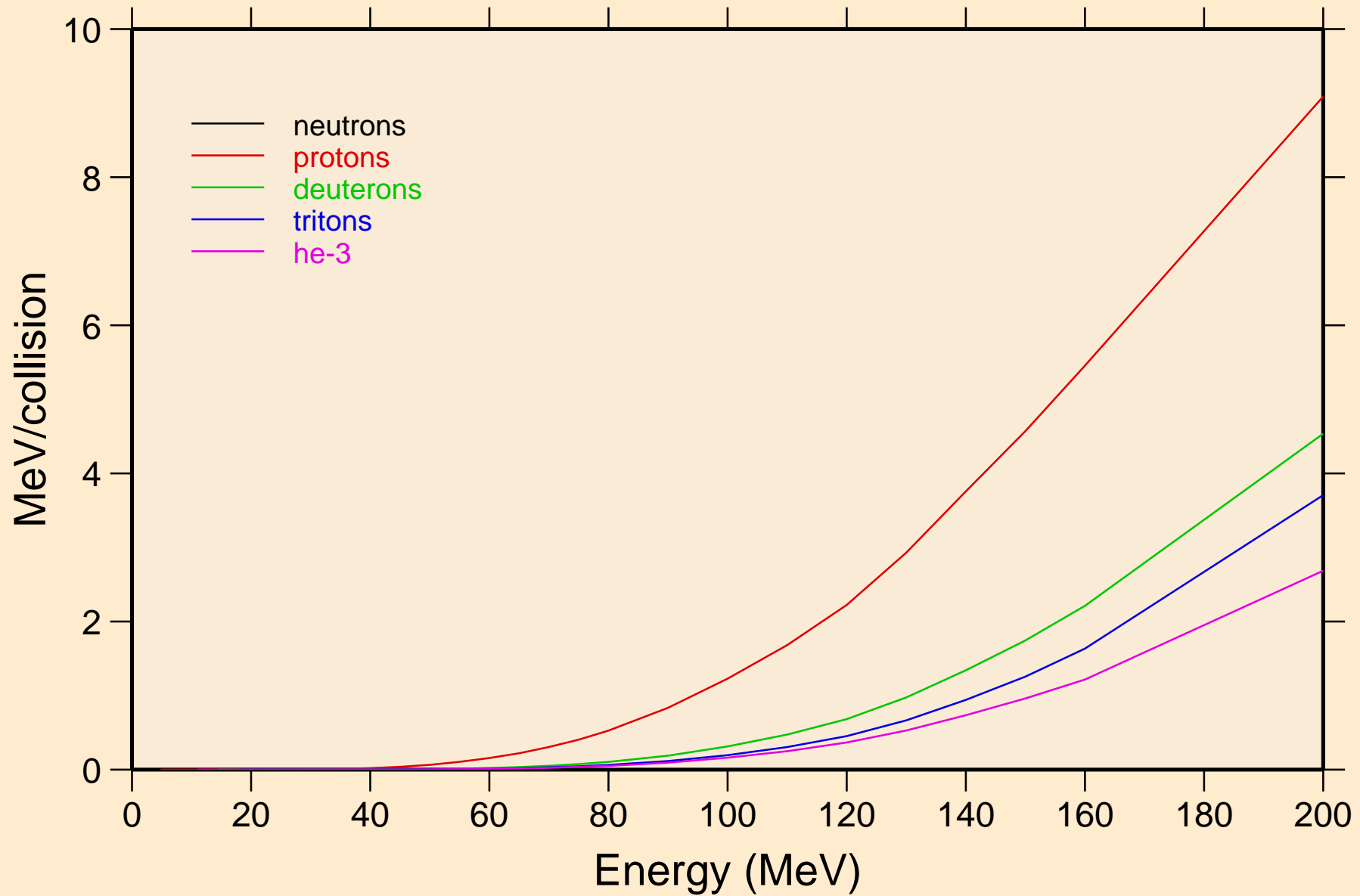


HG189 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,pa)

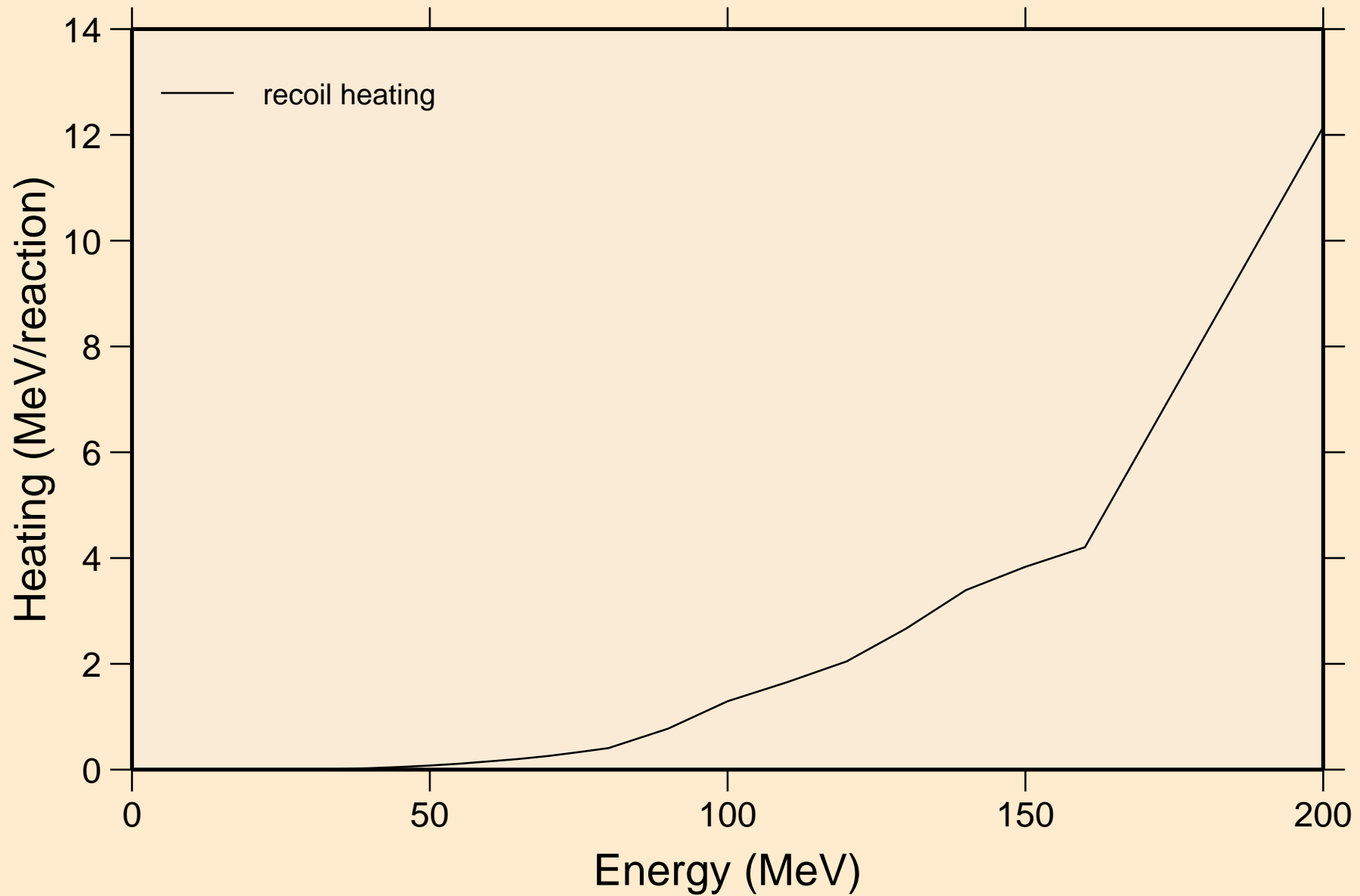


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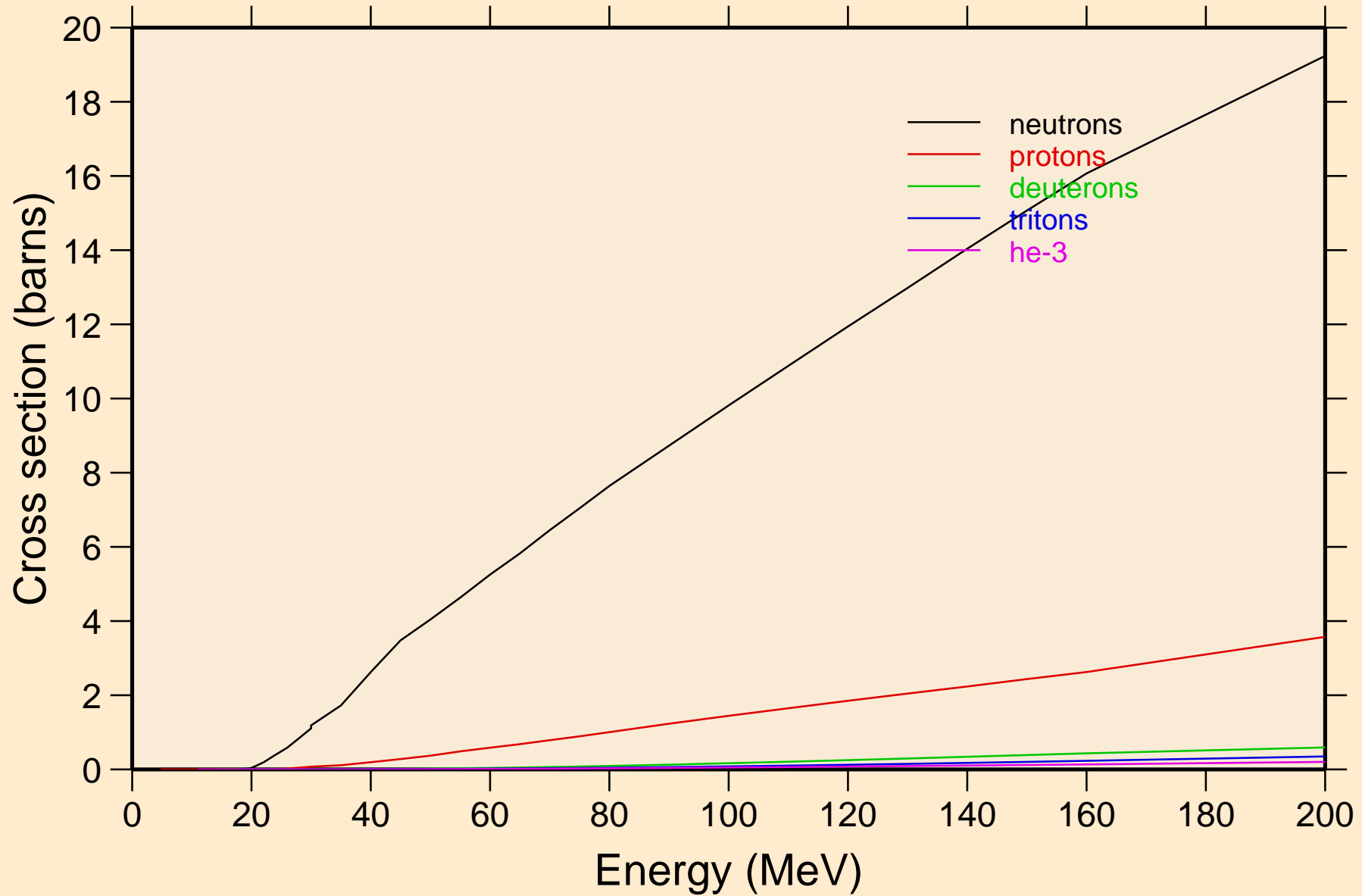
Particle heating contributions



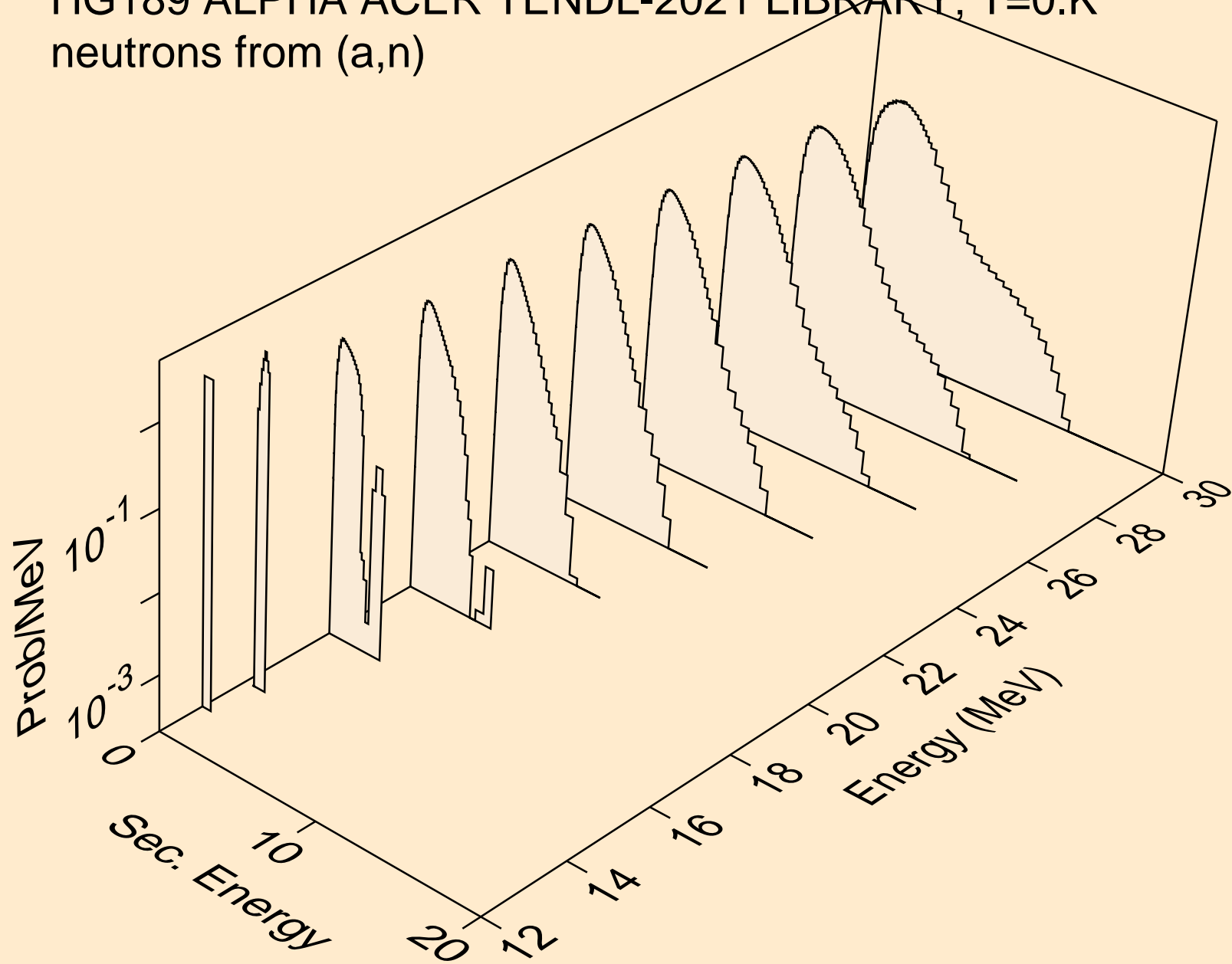
HG189 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Recoil Heating



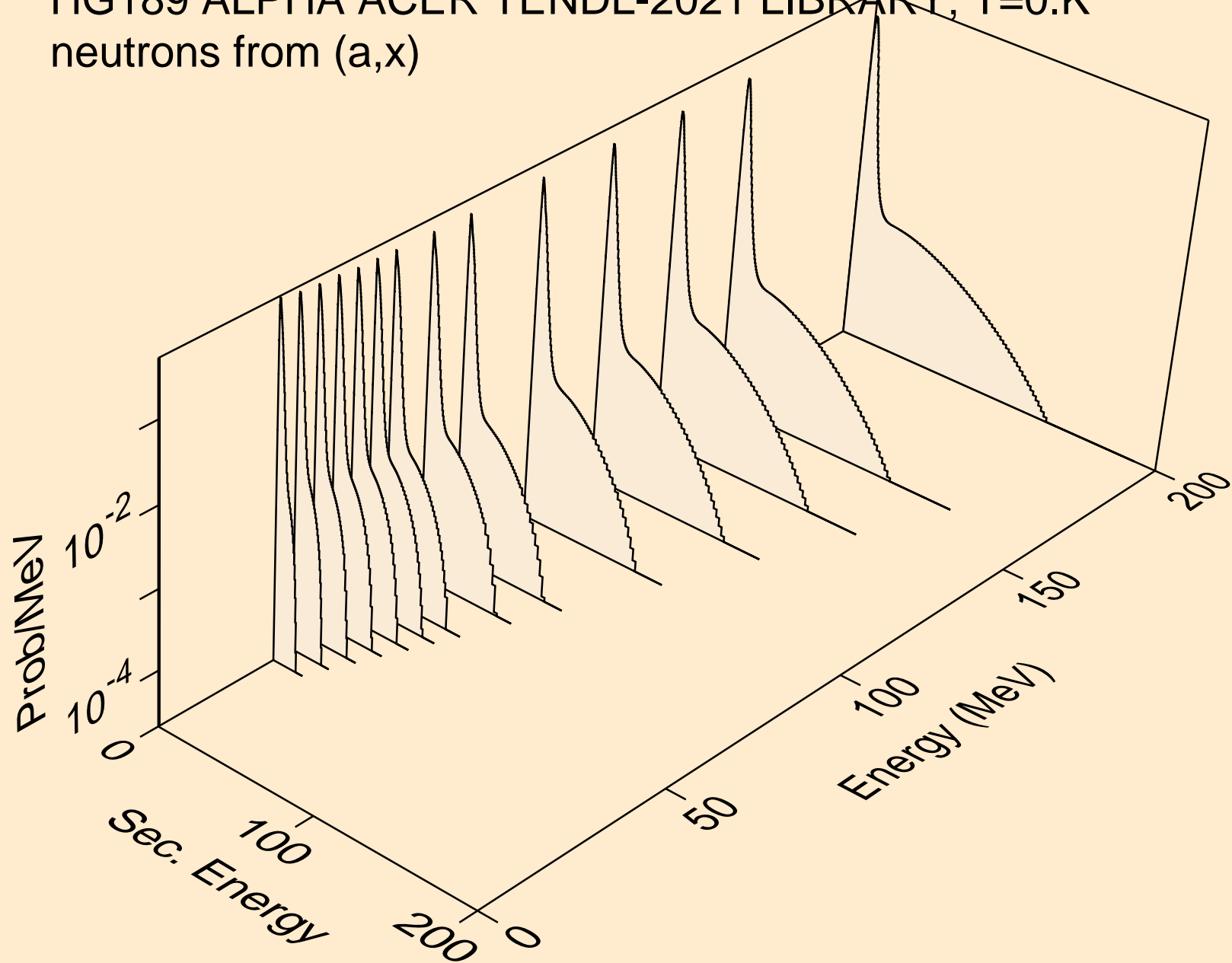
HG189 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Particle production cross sections



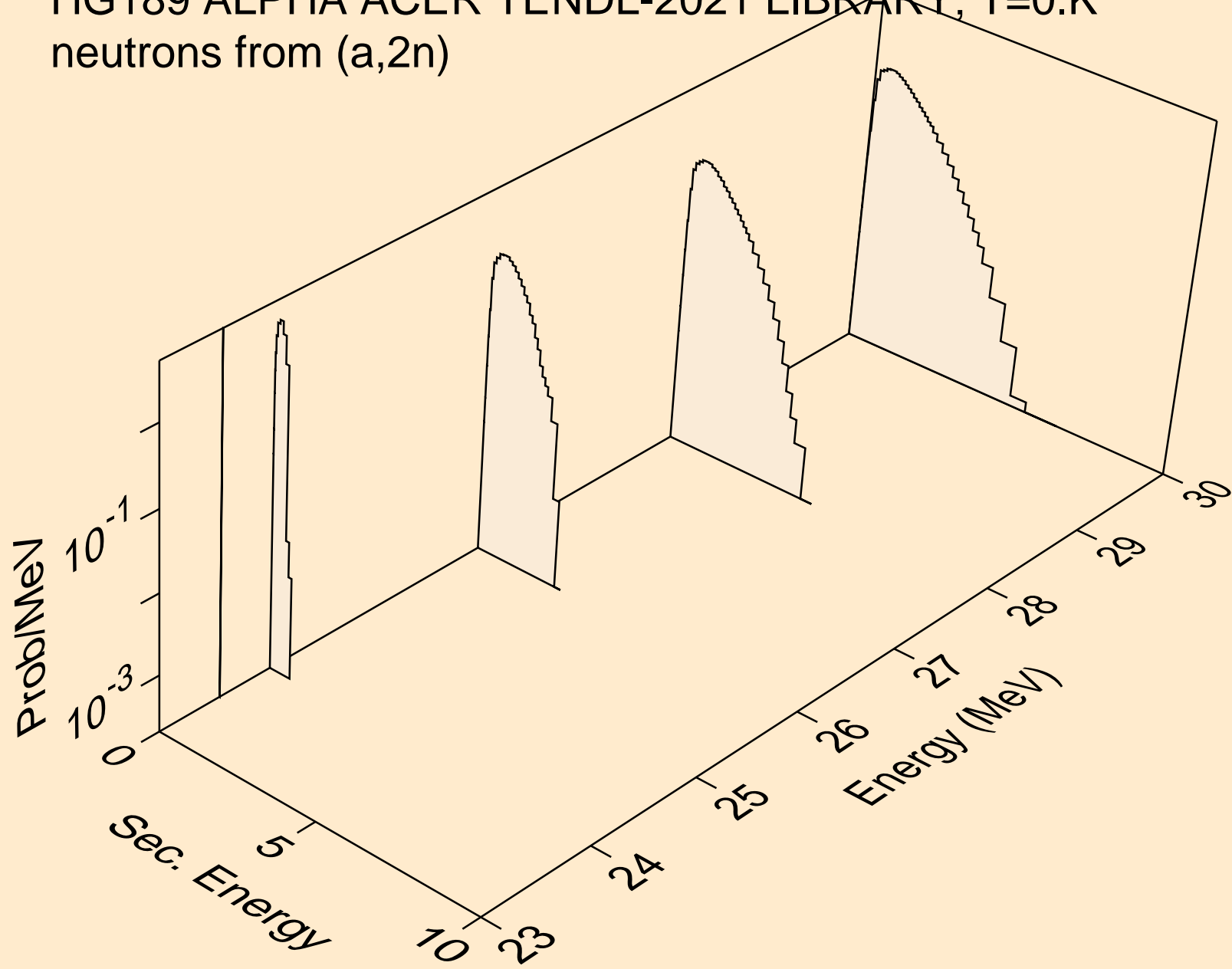
HG189 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,n)



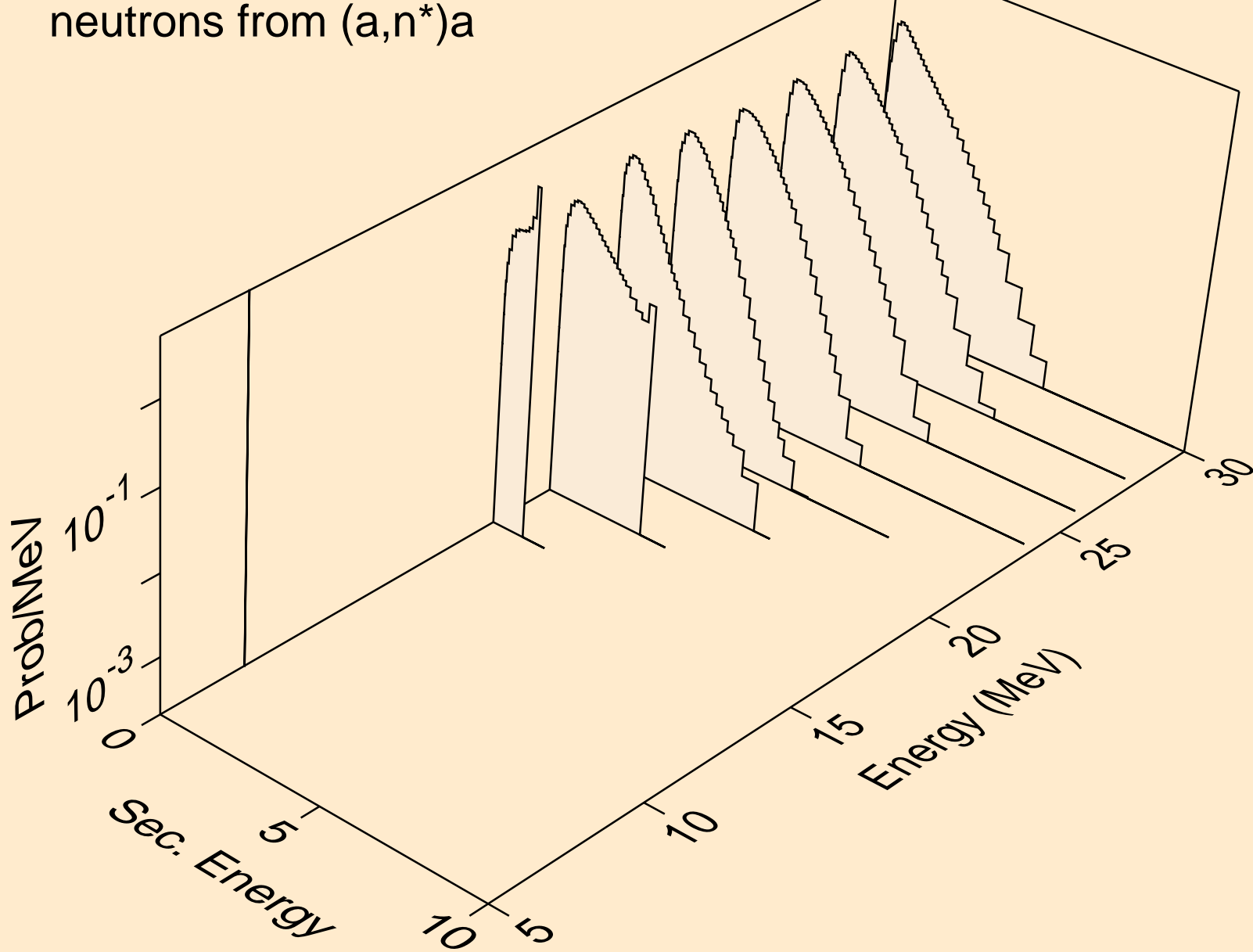
HG189 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,x)



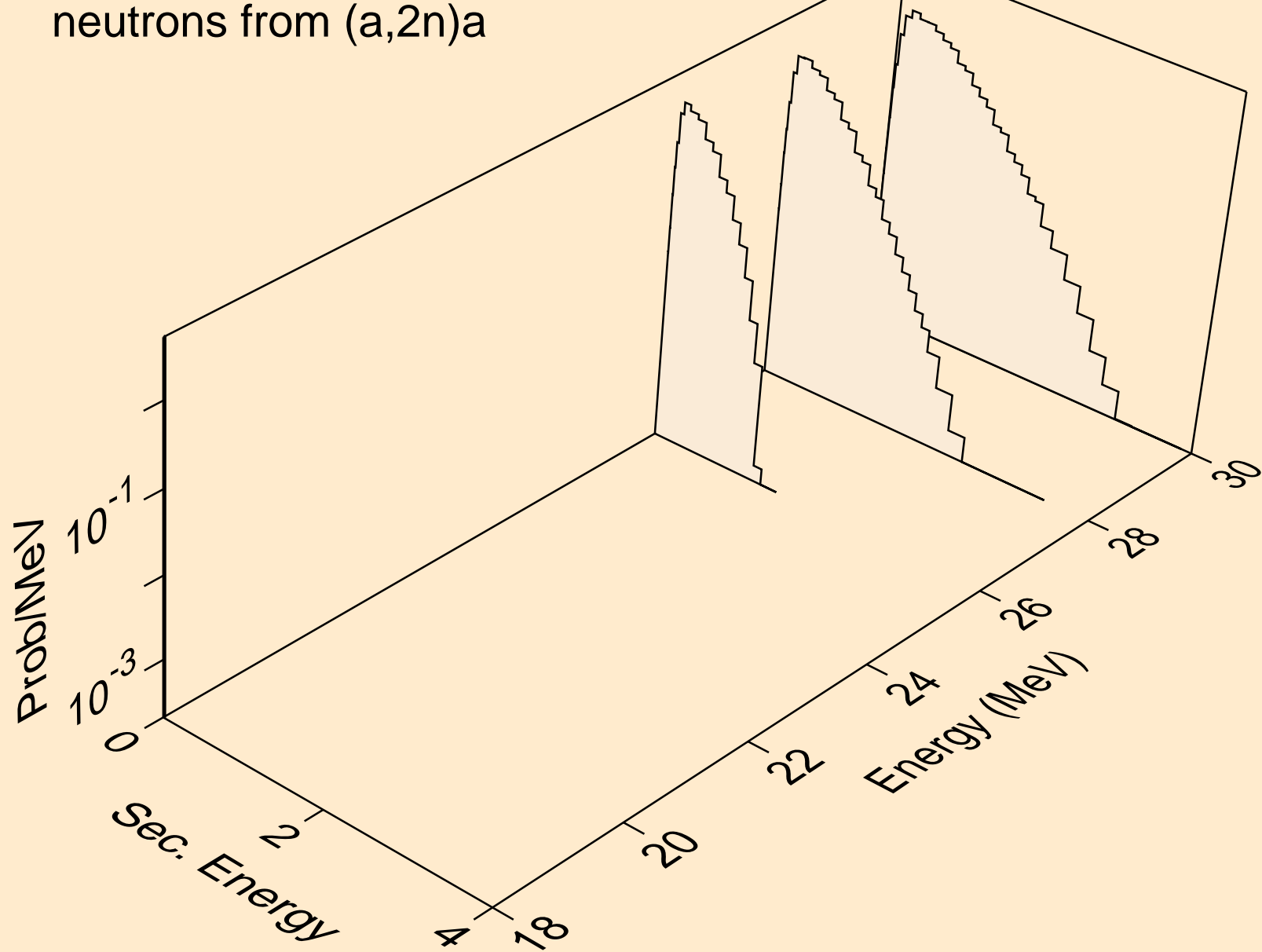
HG189 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,2n)



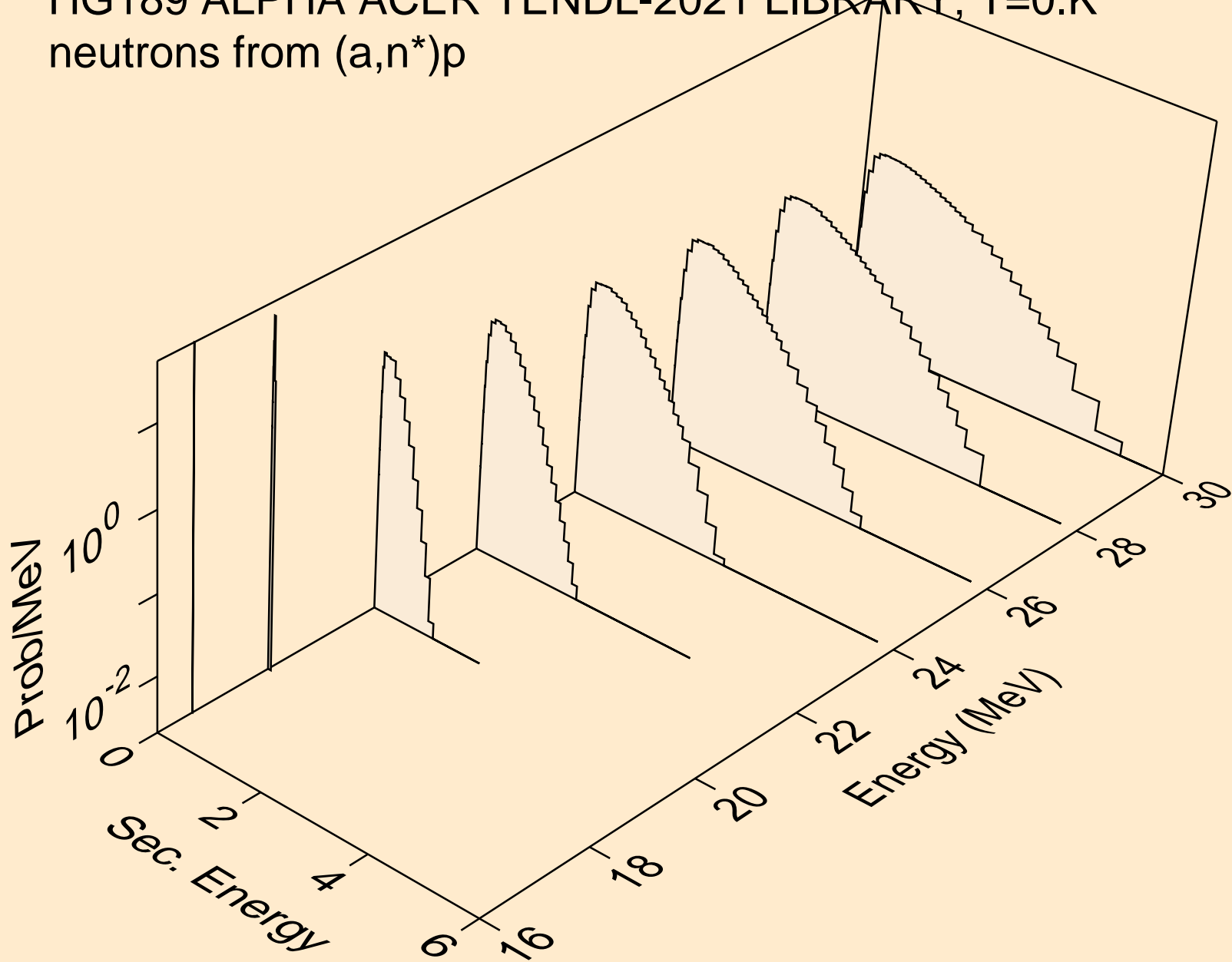
HG189 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,n*)a



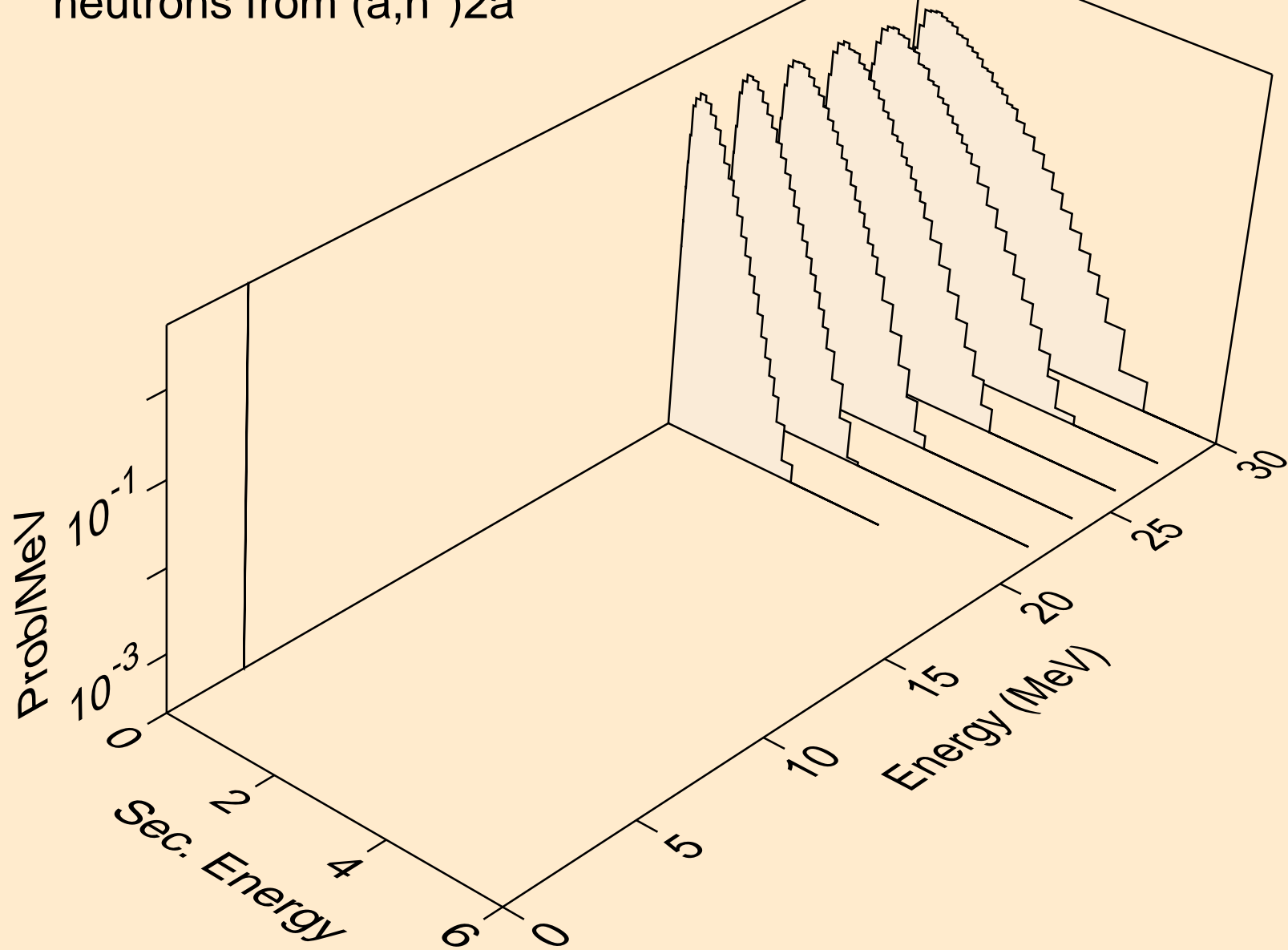
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neutrons from (a,2n)a



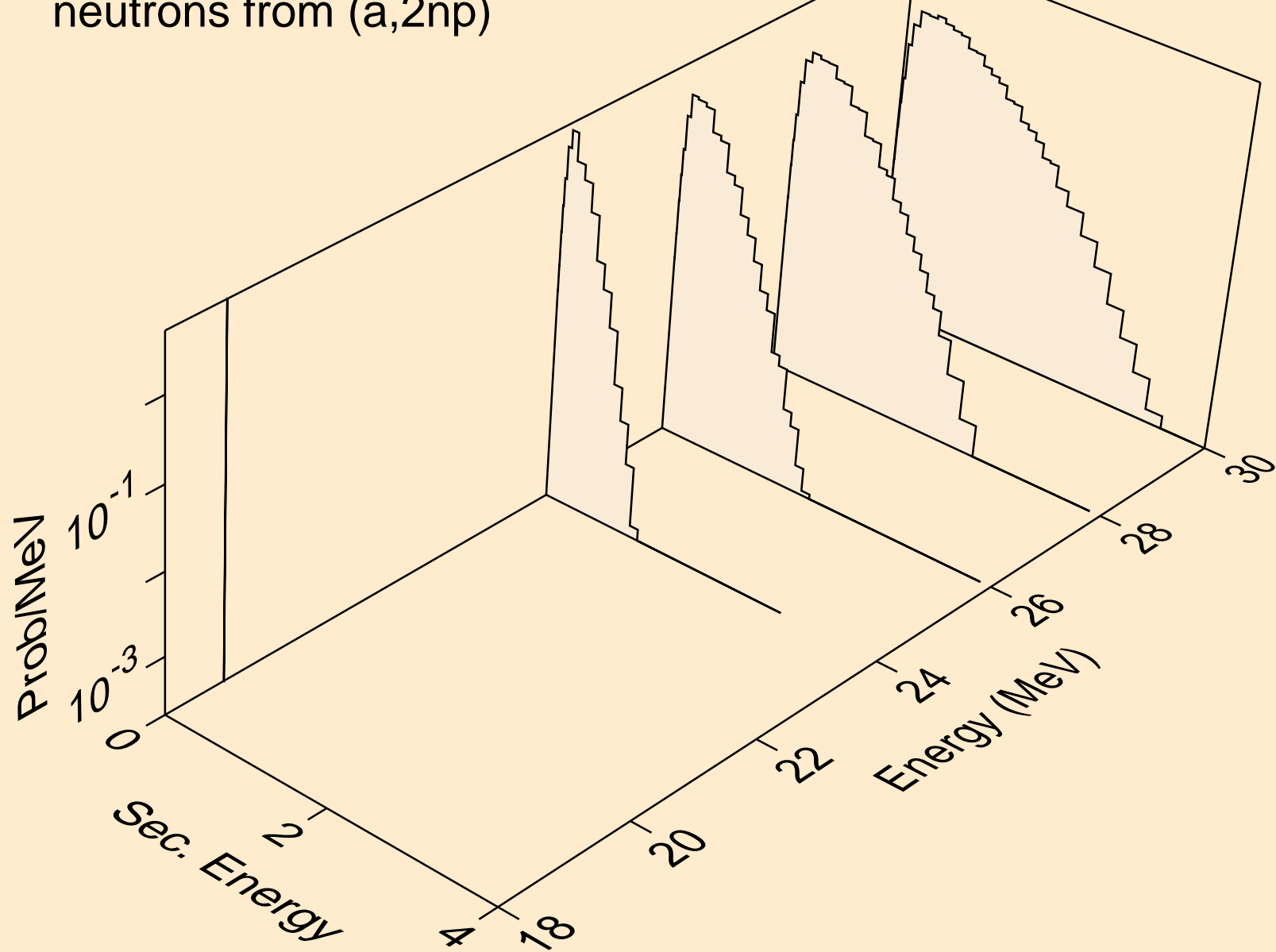
HG189 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,n*)p



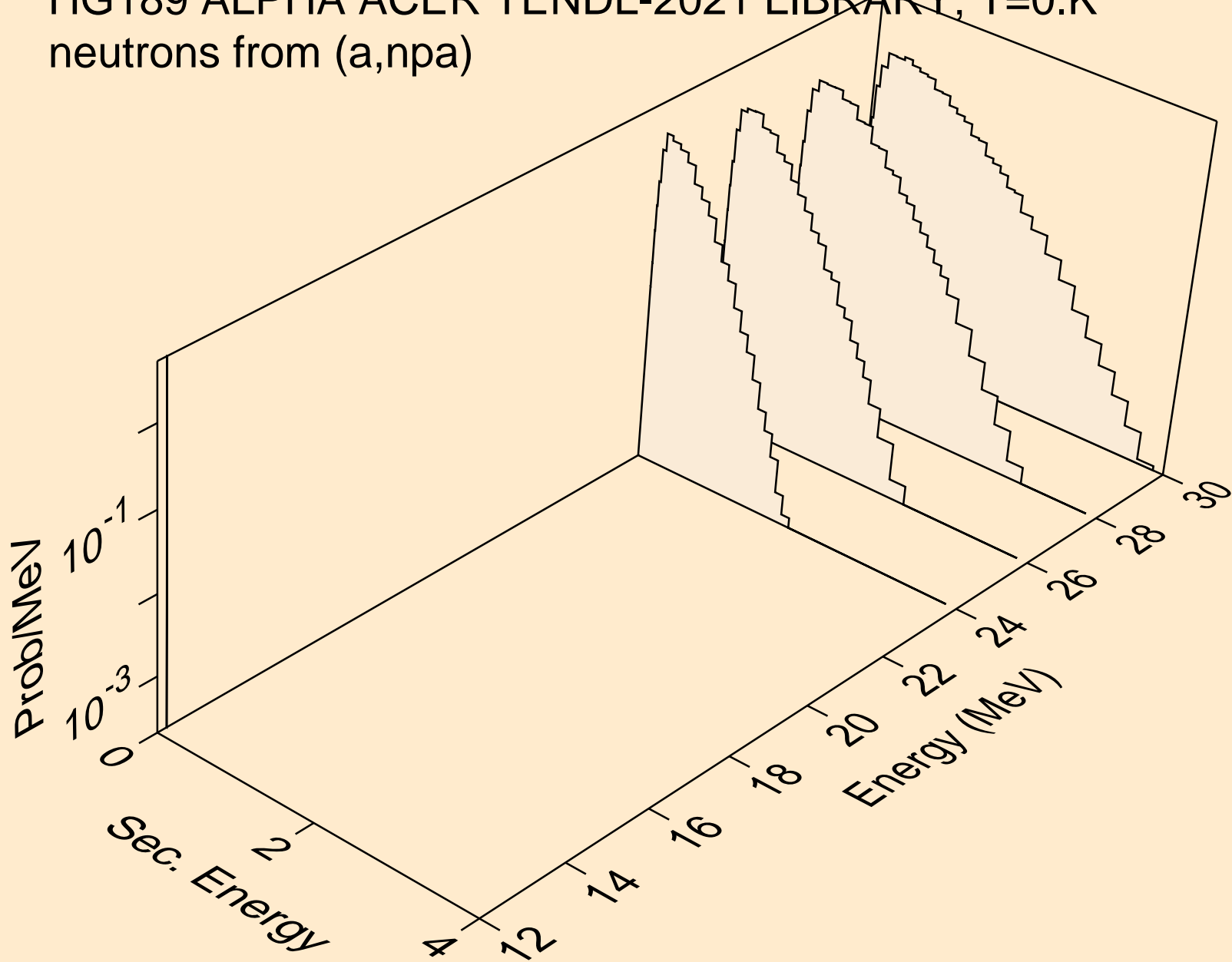
HG189 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,n*)2a



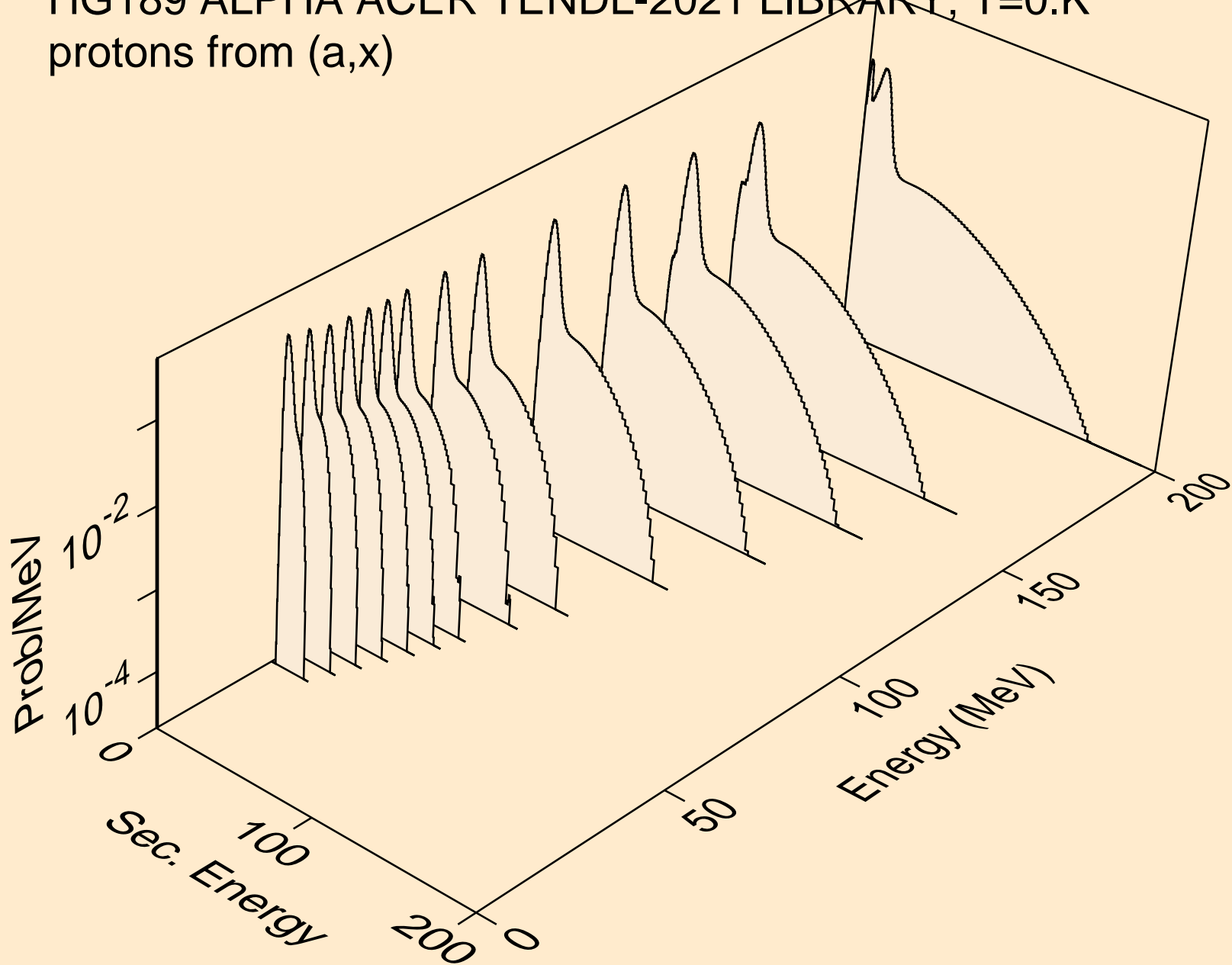
HG189 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,2np)



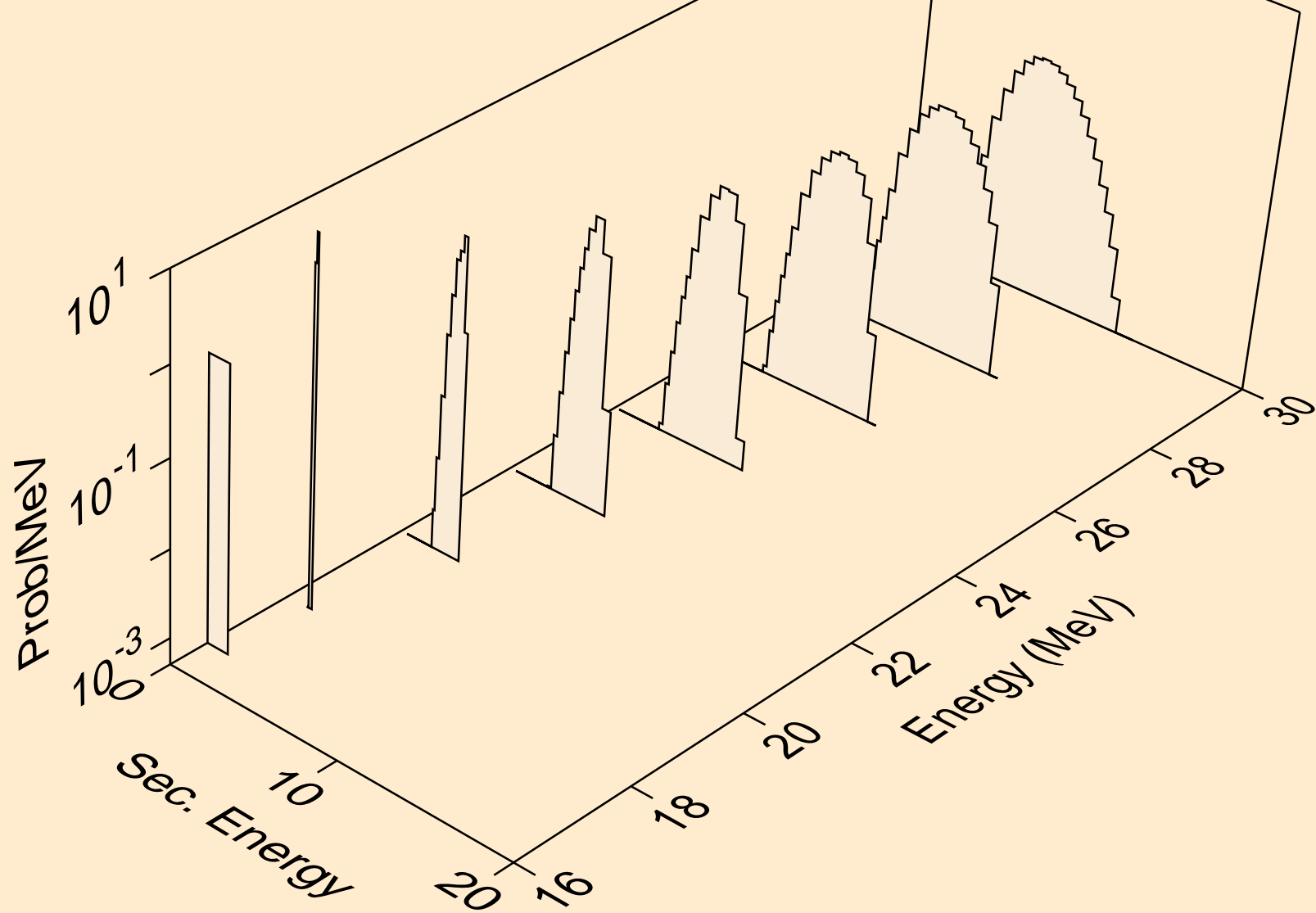
HG189 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,npa)



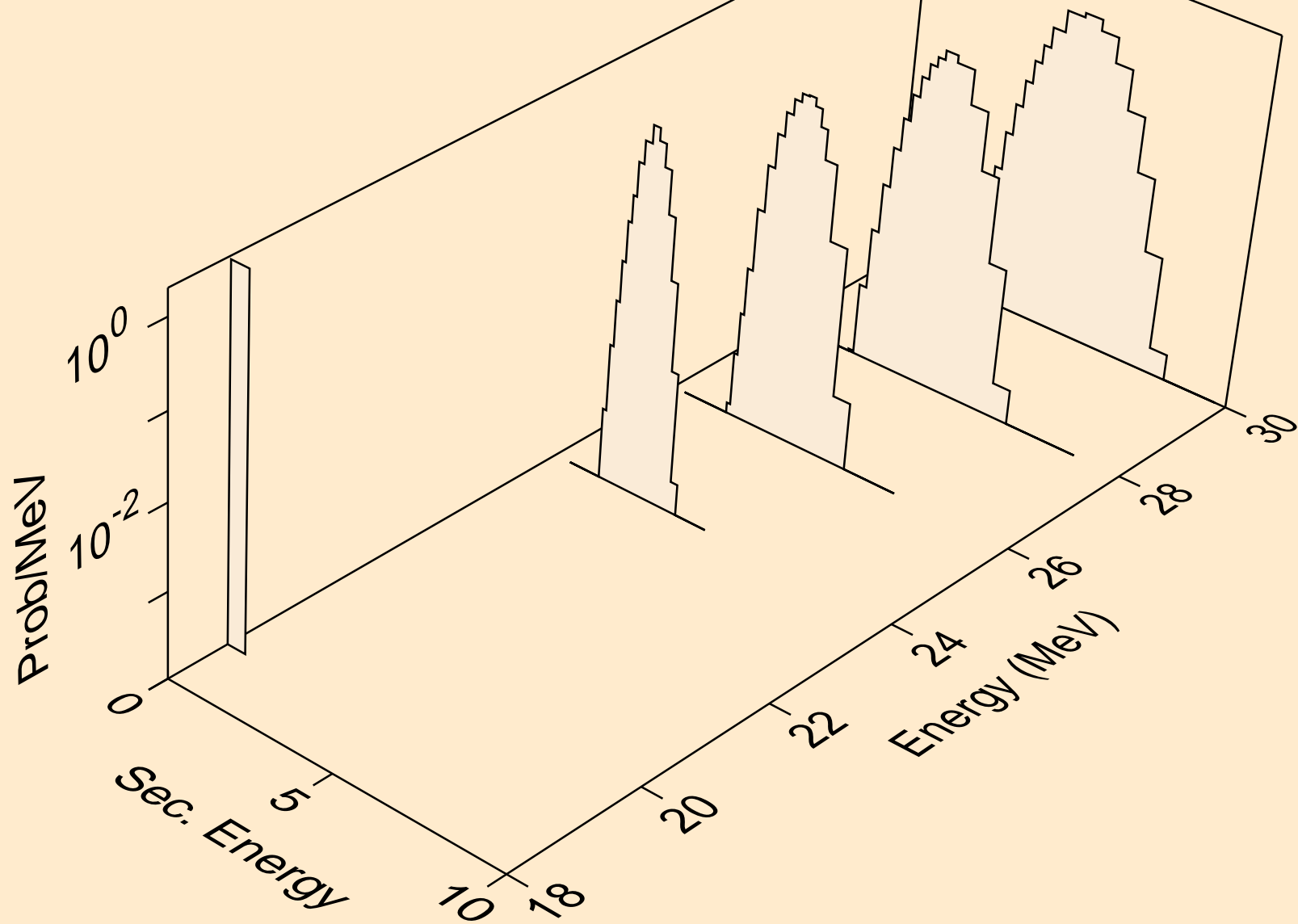
HG189 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
protons from (a,x)



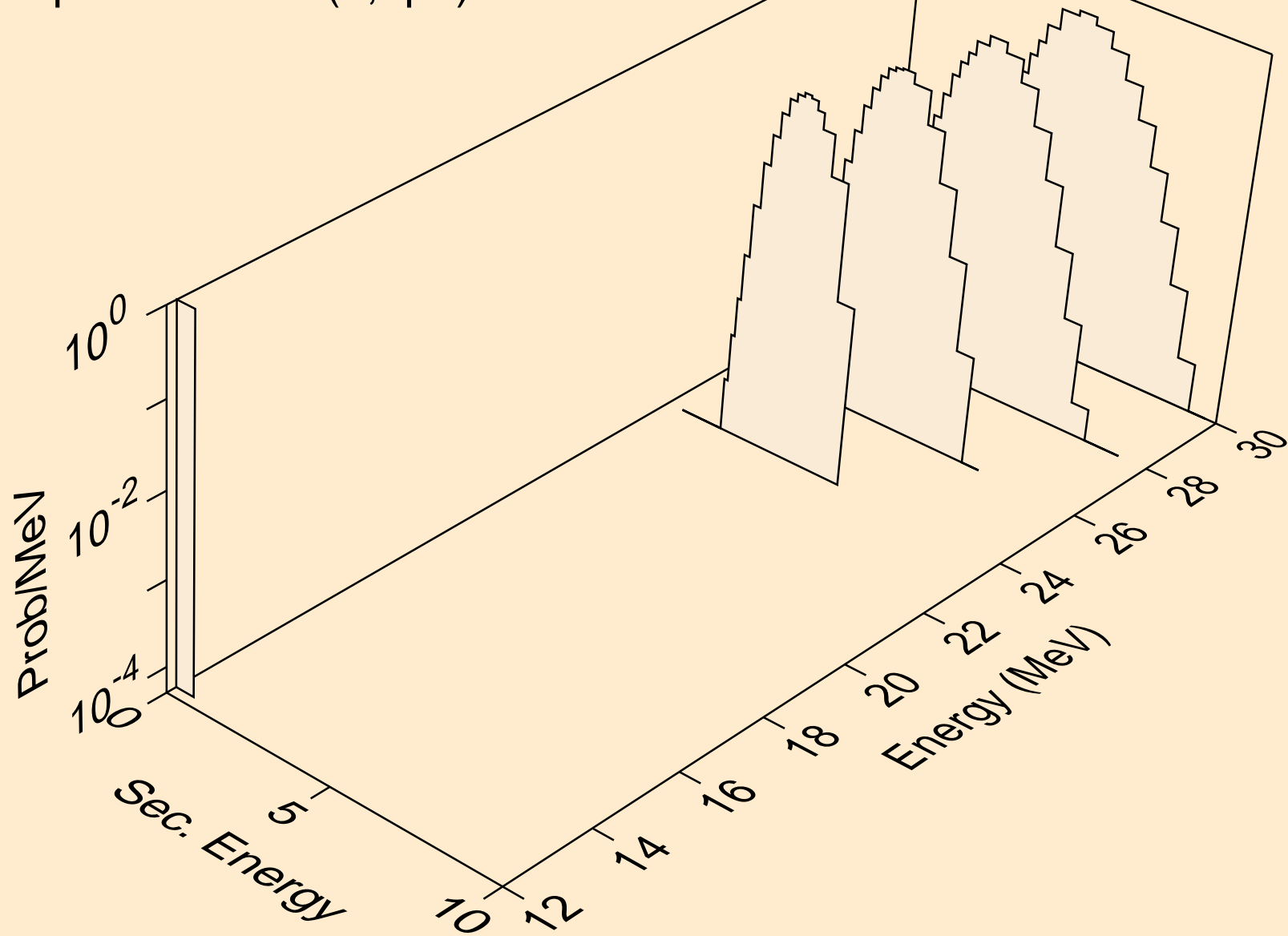
HG189 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
protons from (a,n*)p



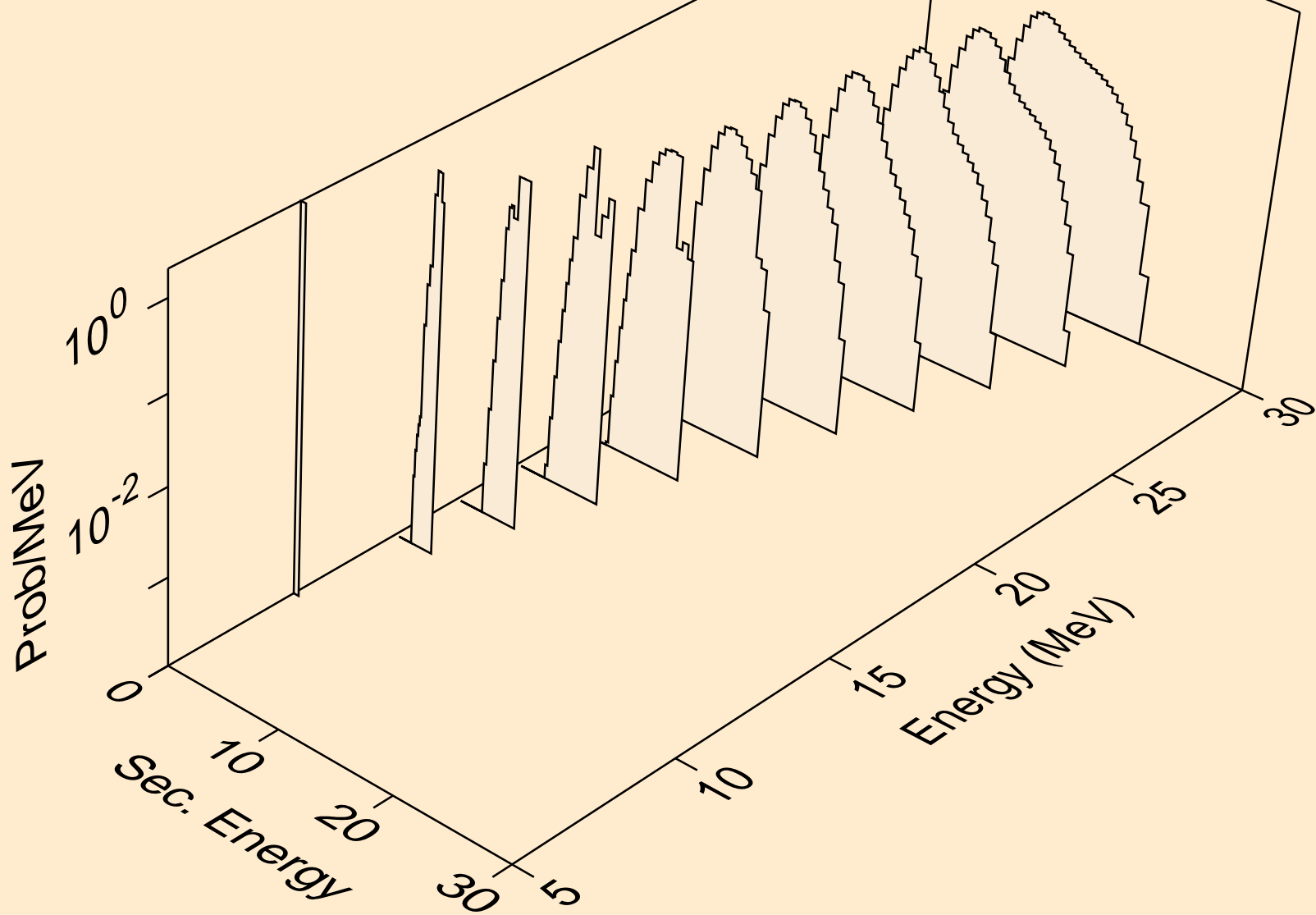
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protons from (a,2np)



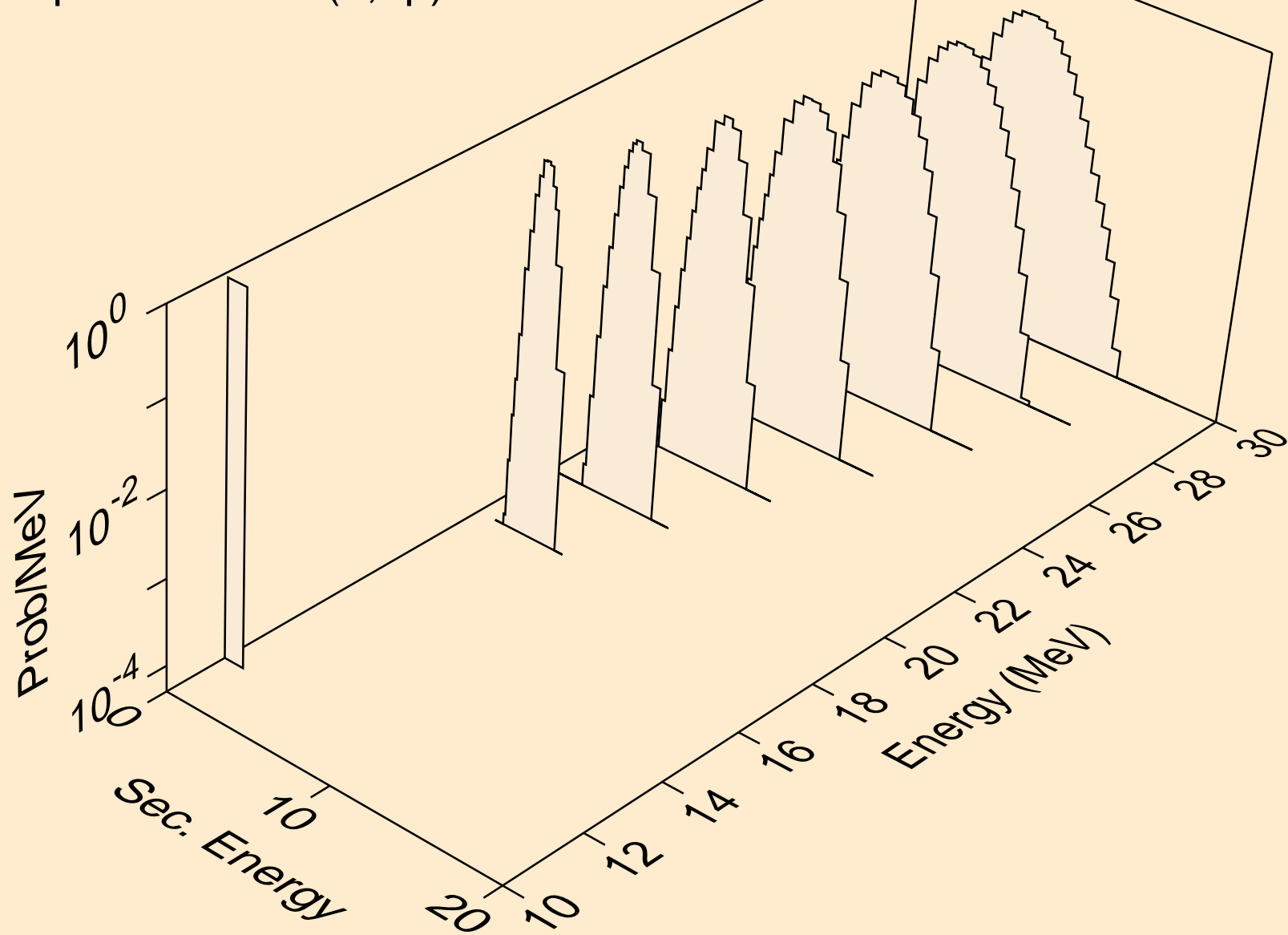
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protons from (a,npa)



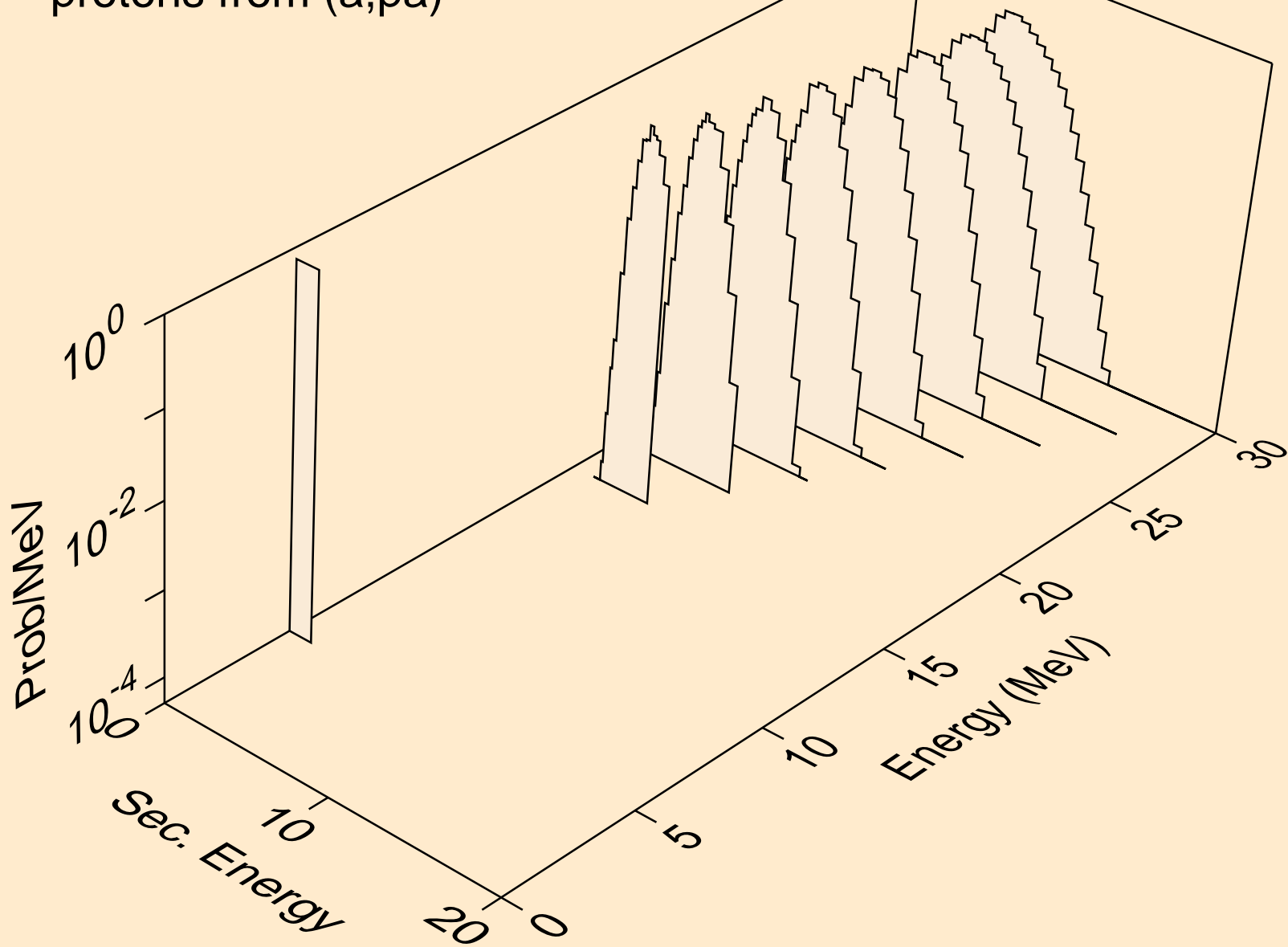
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protons from (a,p)



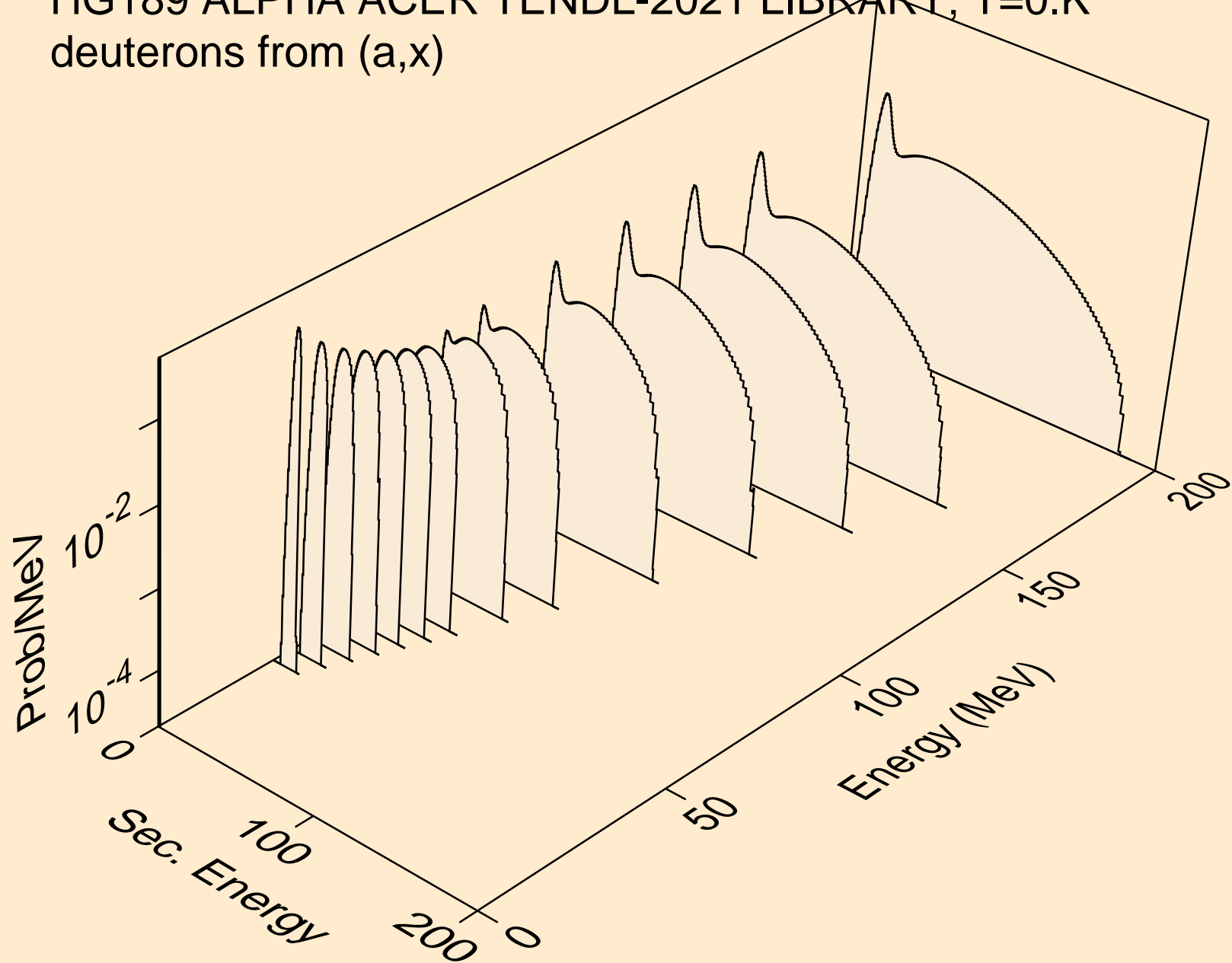
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protons from (a,2p)



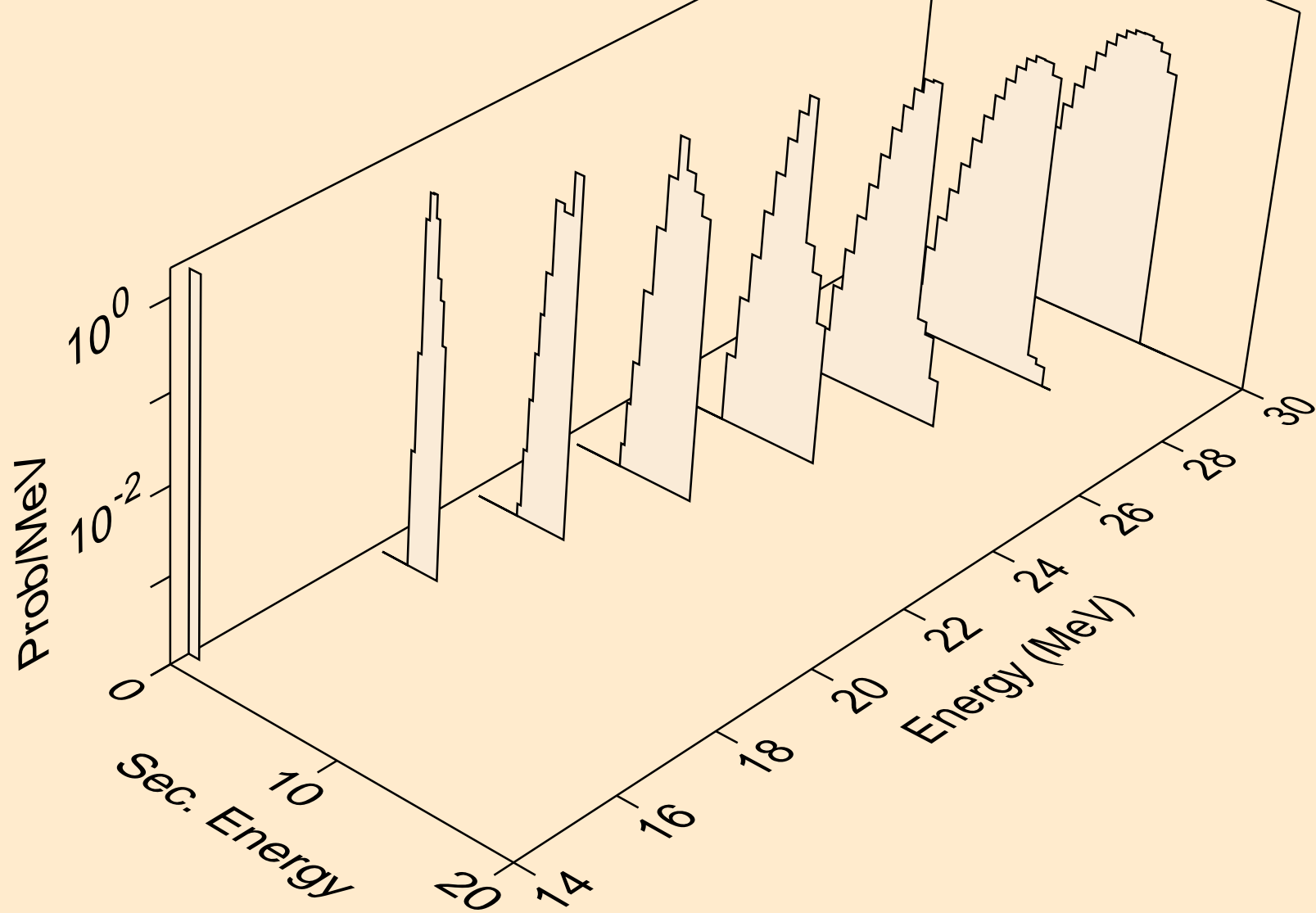
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protons from (a,pa)



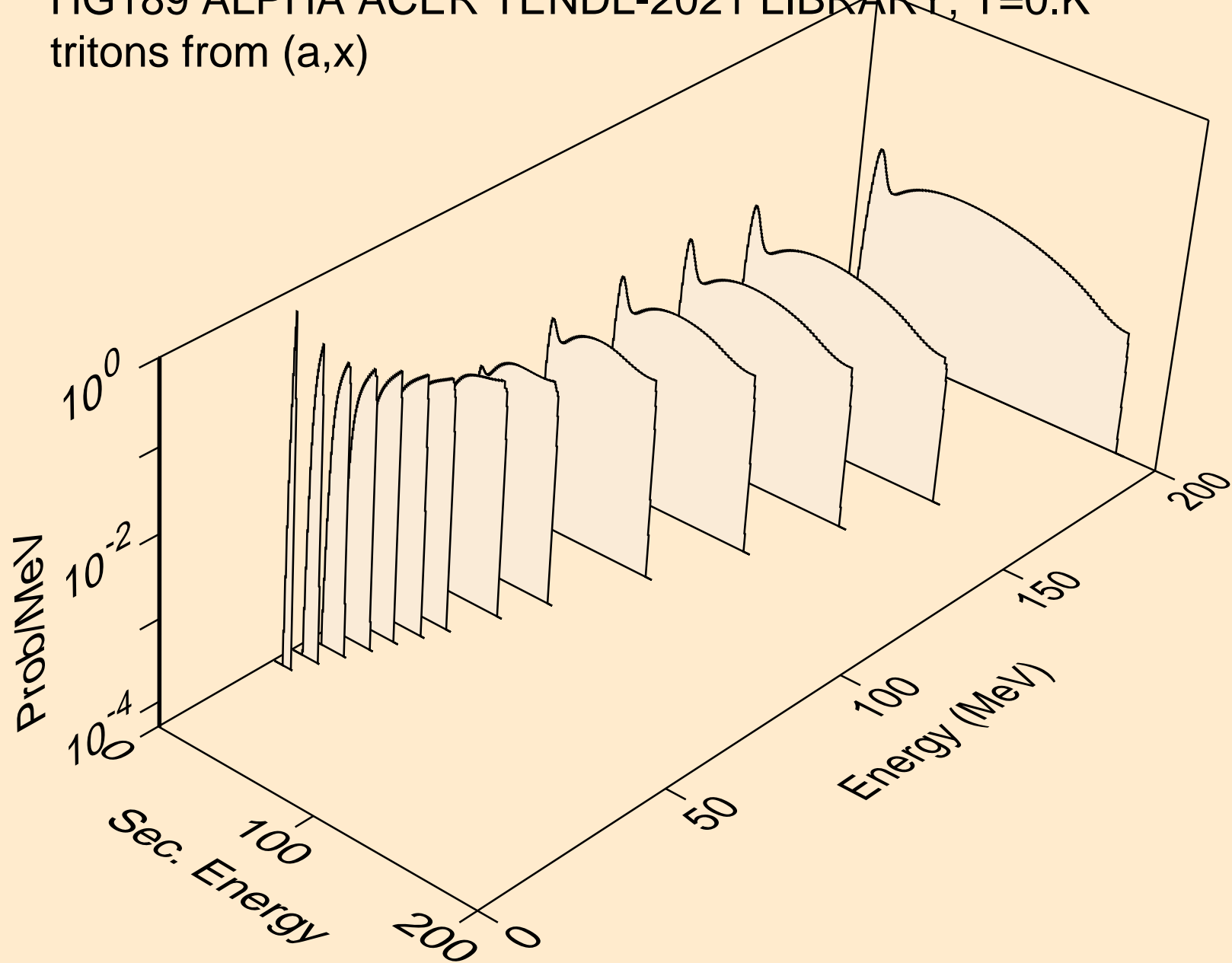
HG189 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
deuterons from (a,x)



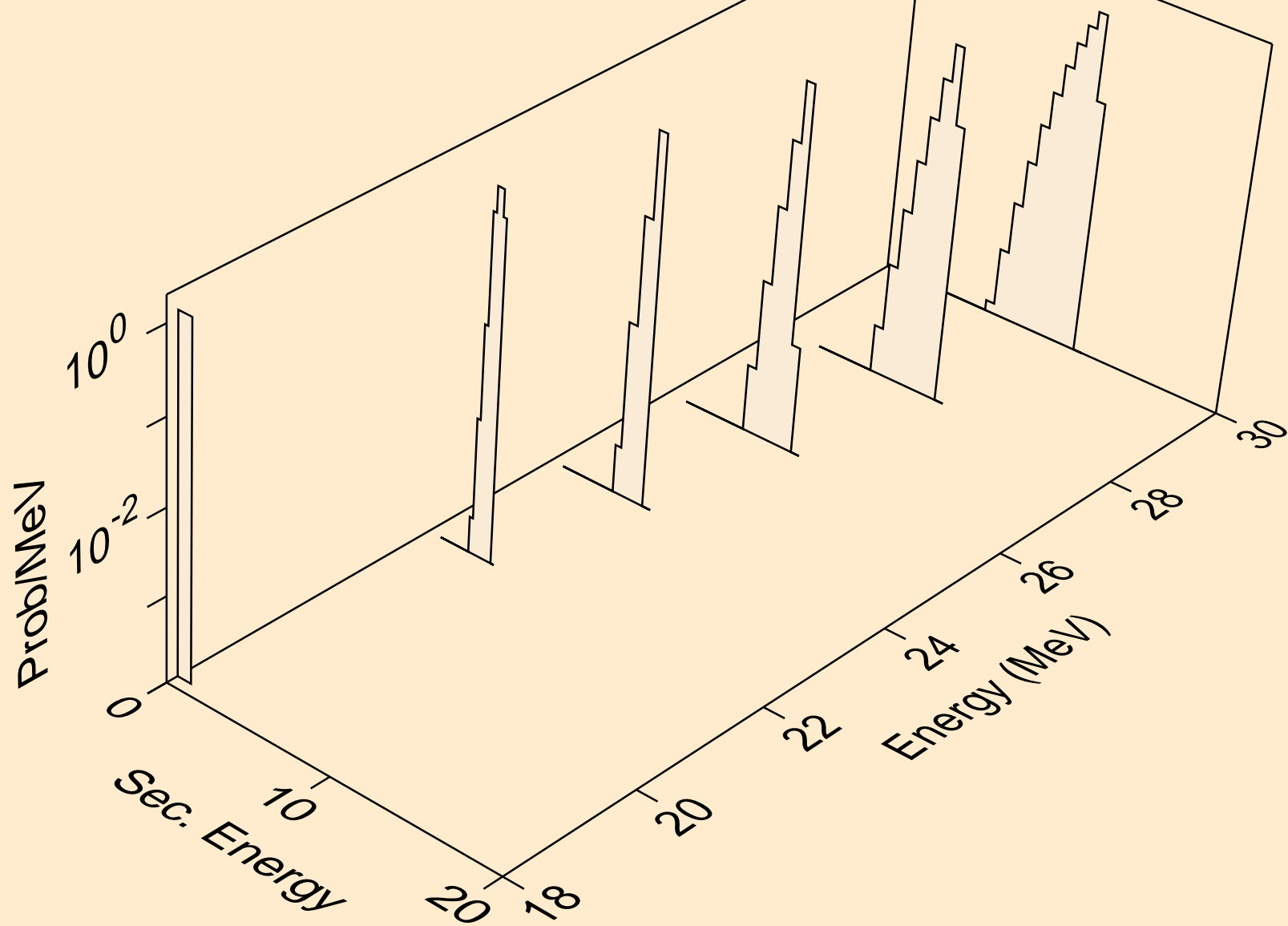
HG189 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
deuterons from (a,d)



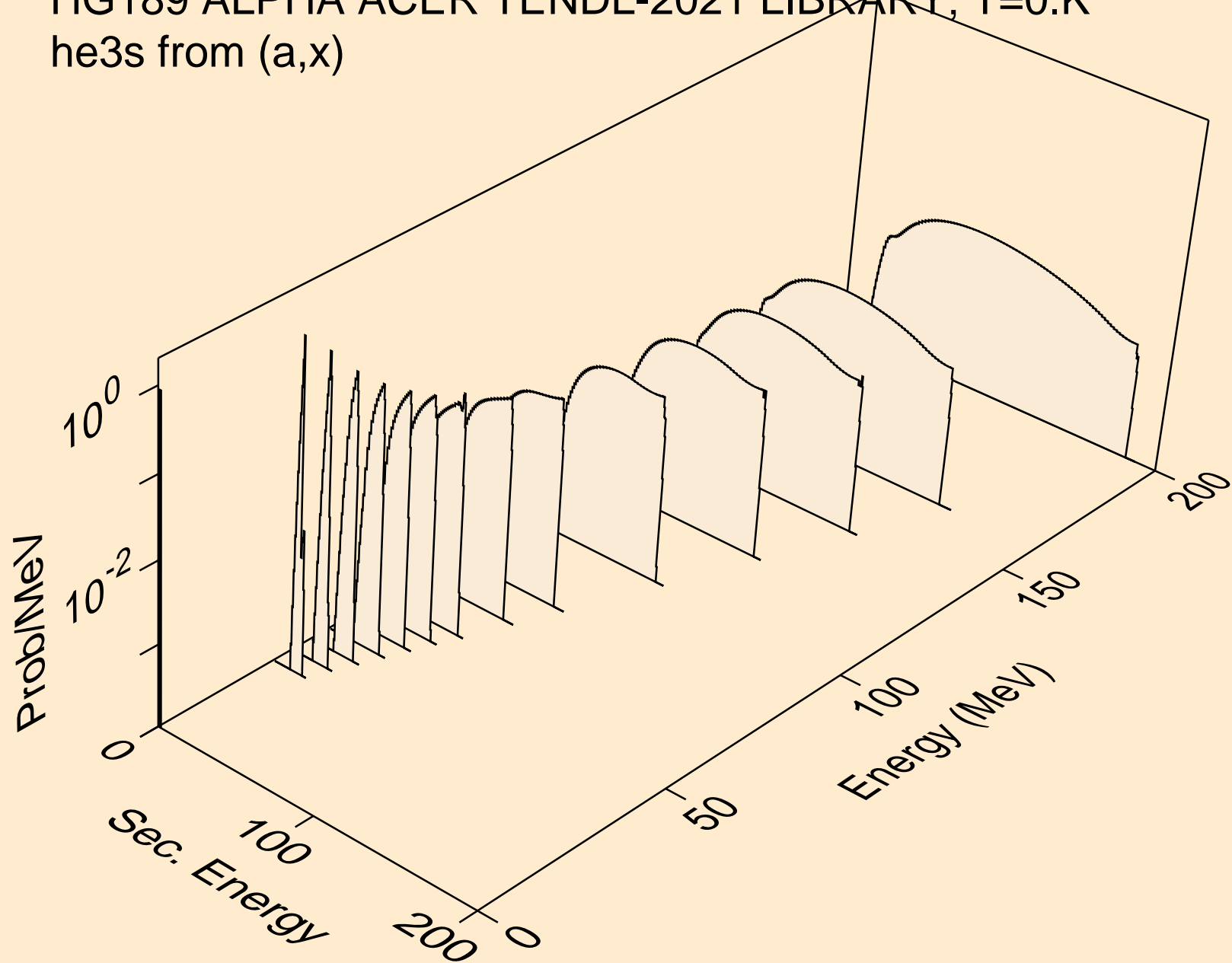
HG189 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
tritons from (a,x)



HG189 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
tritons from (a,t)



HG189 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
he3s from (a,x)



HG189 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
he3s from (a,he3)

