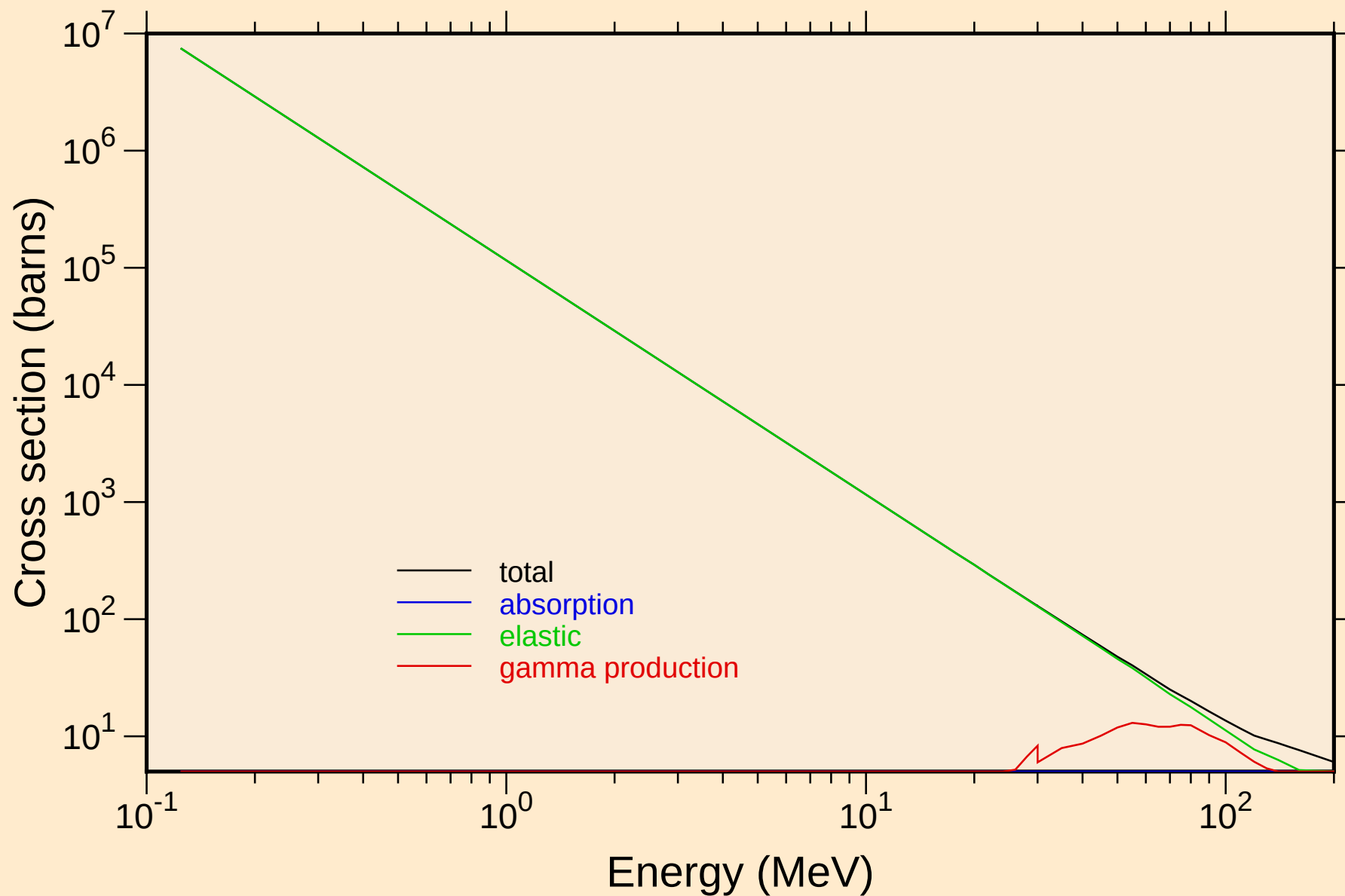


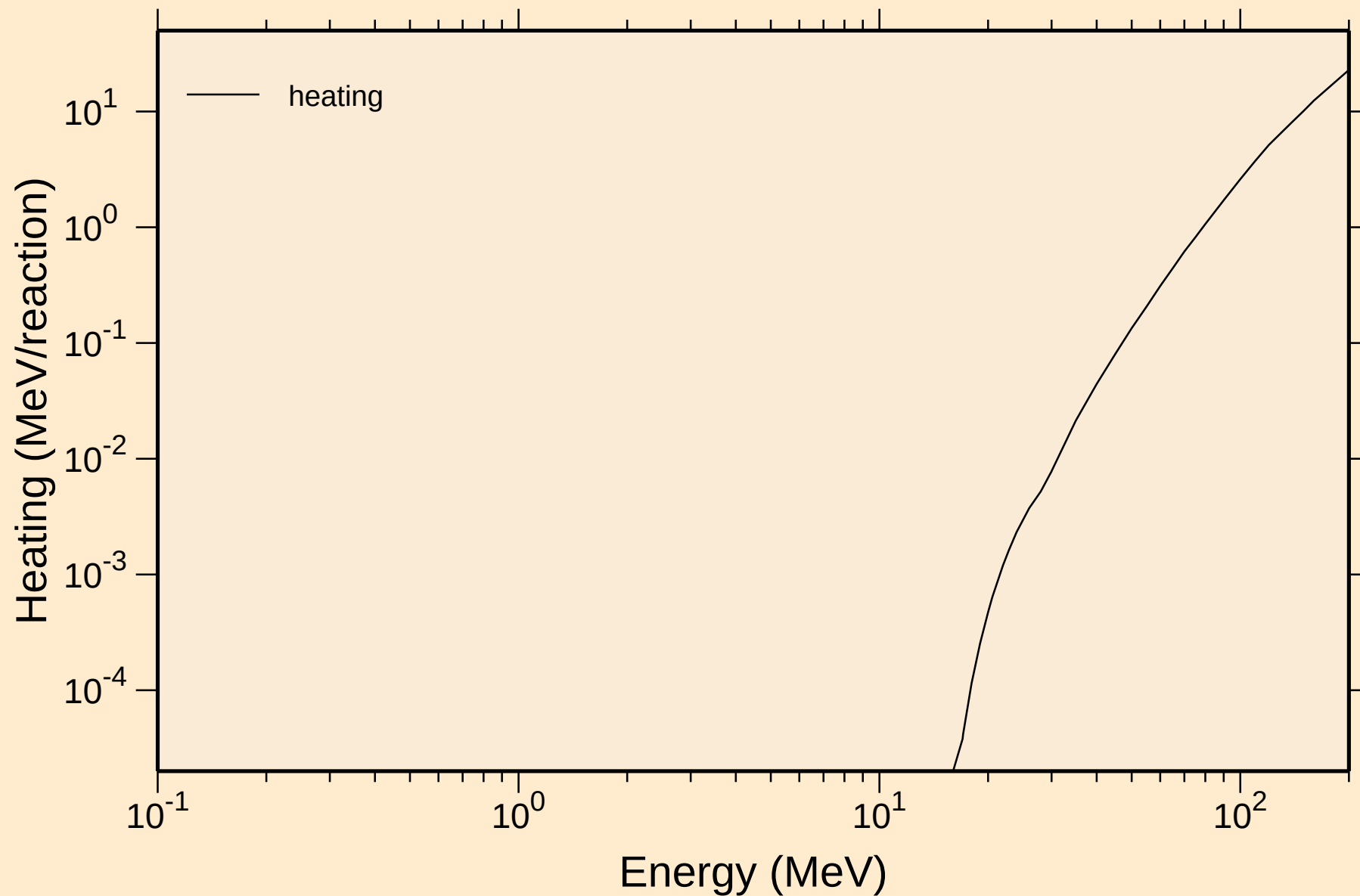
HO159 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Principal cross sections



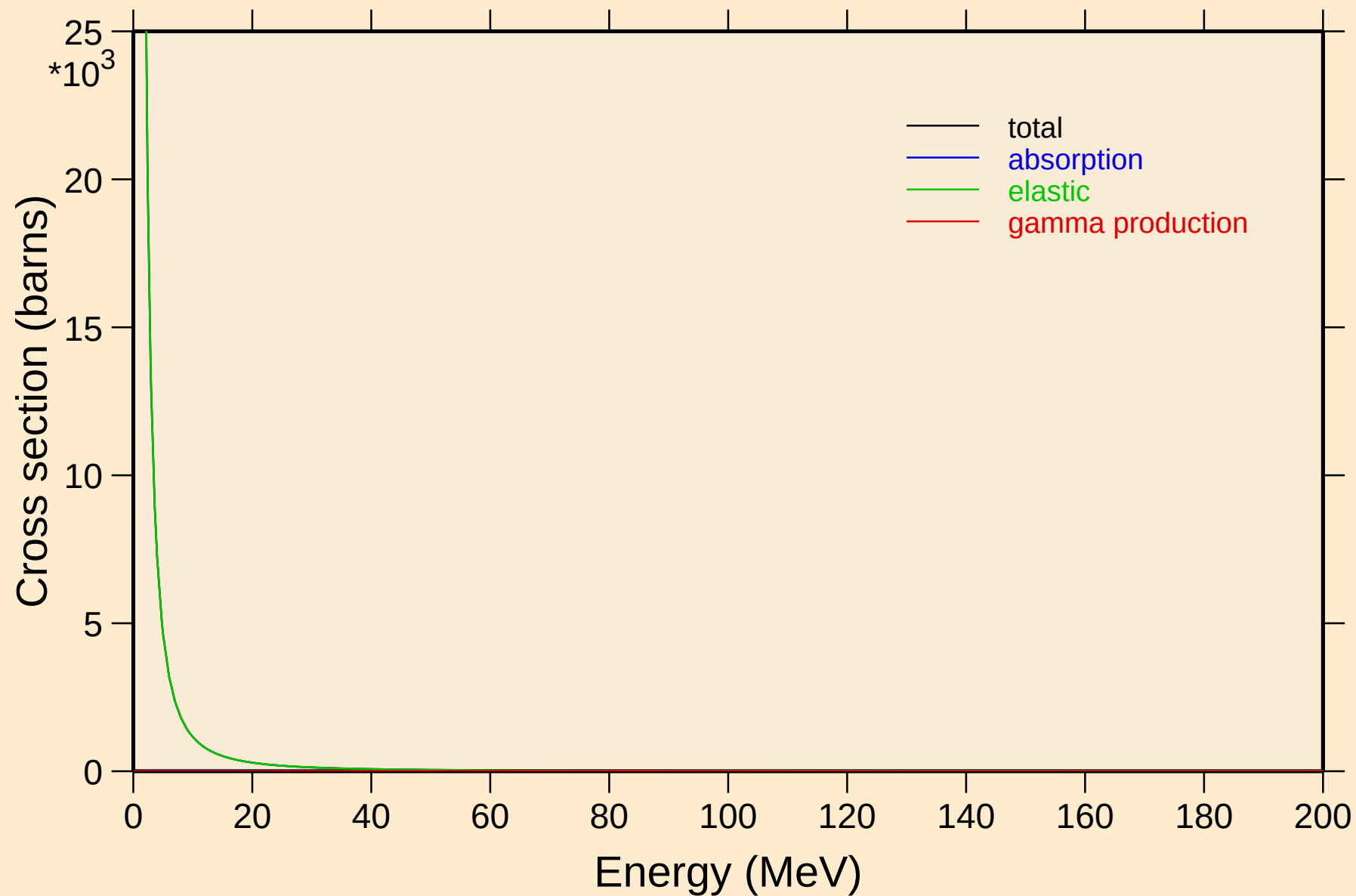
HO159 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Heating



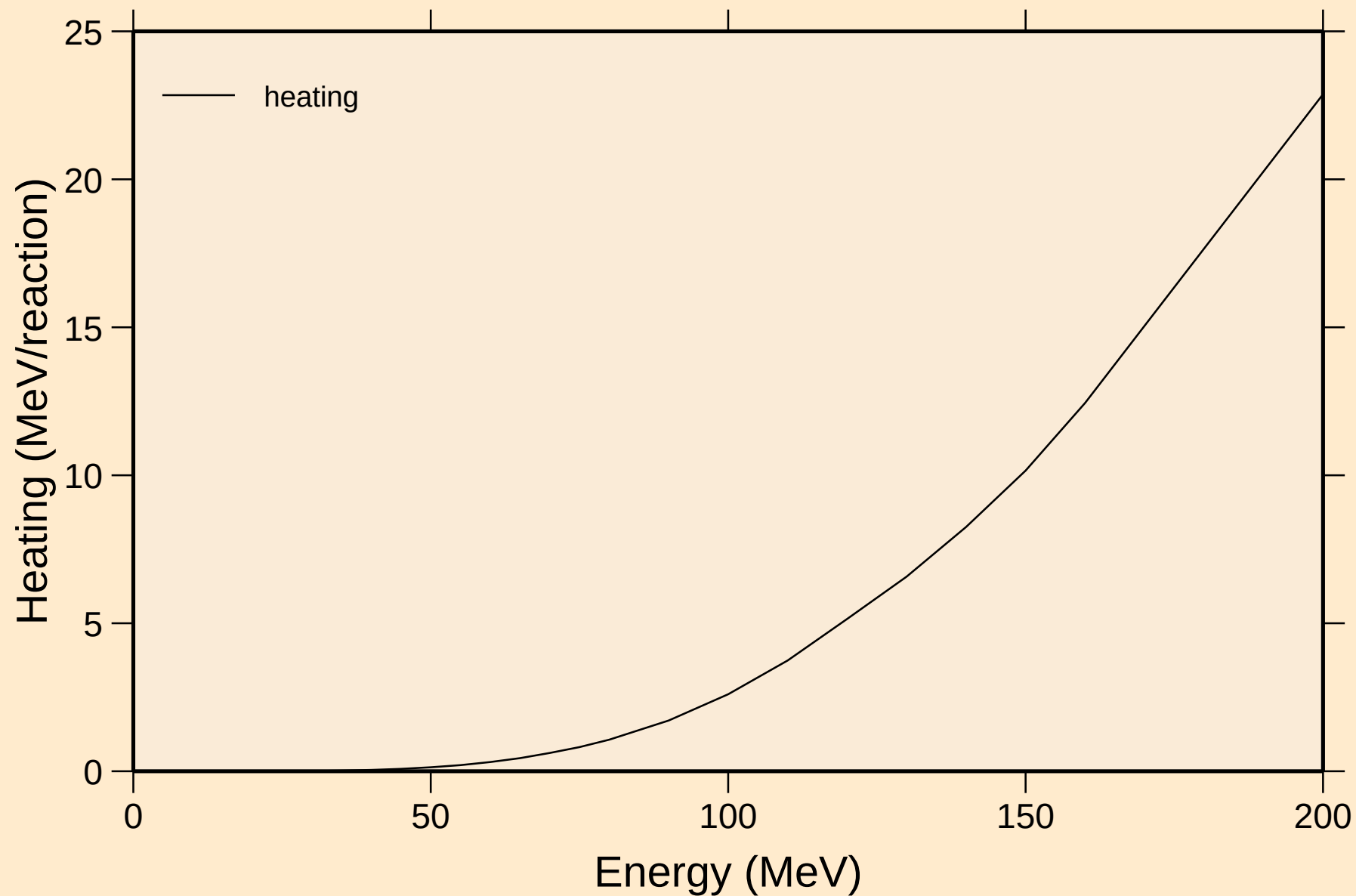
HO159 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Principal cross sections



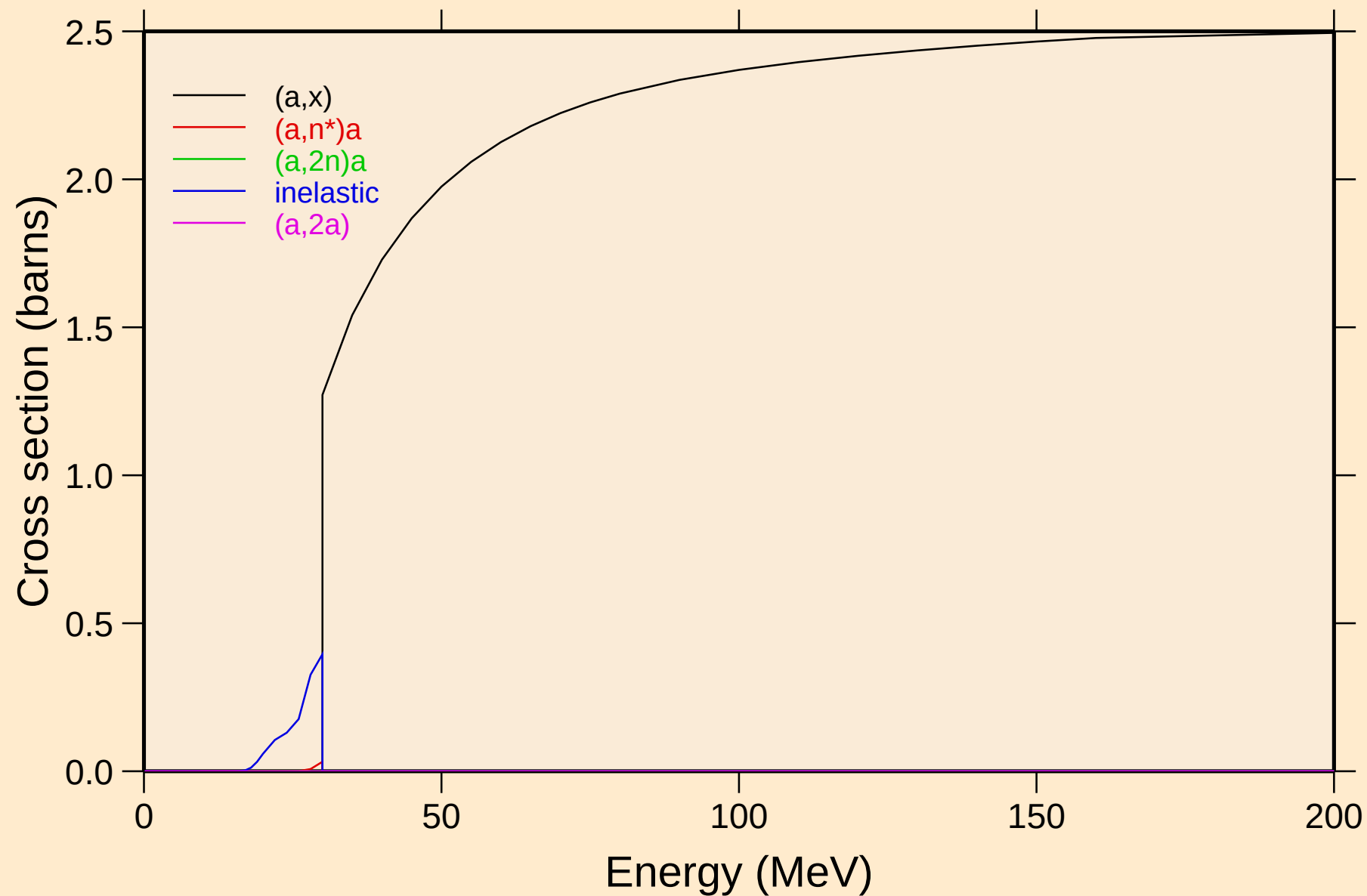
HO159 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Heating



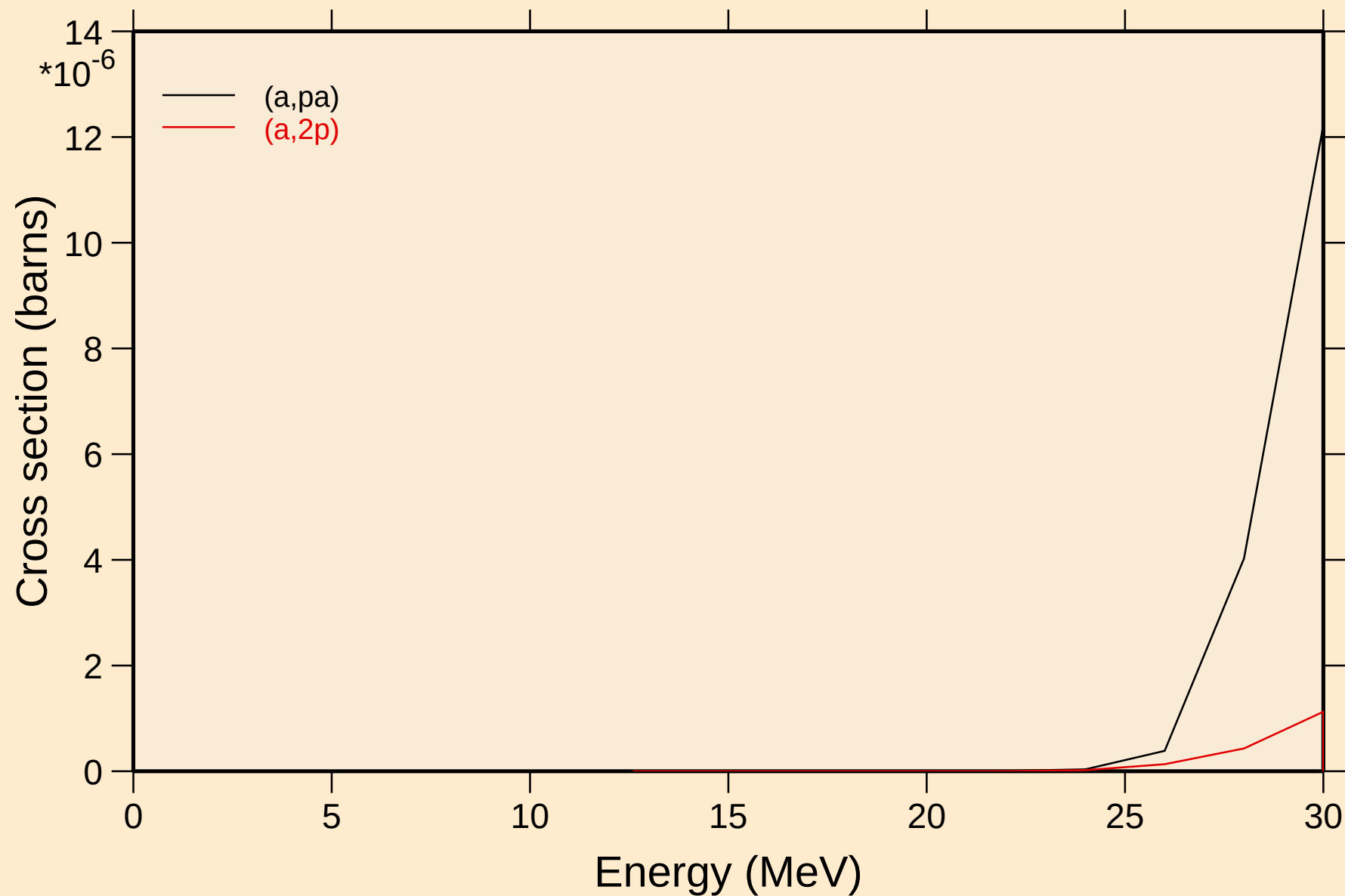
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Threshold reactions



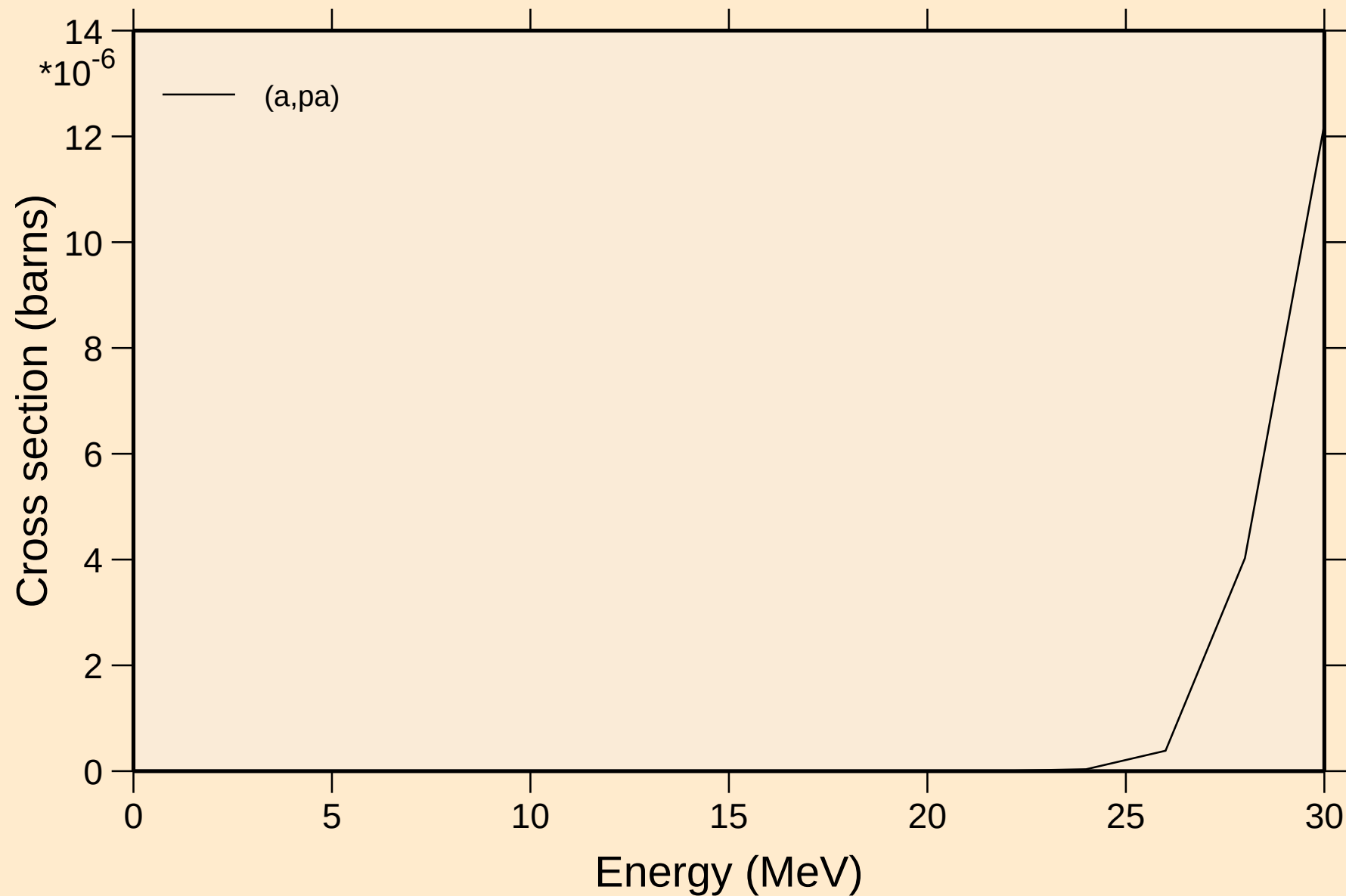
HO159 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Threshold reactions

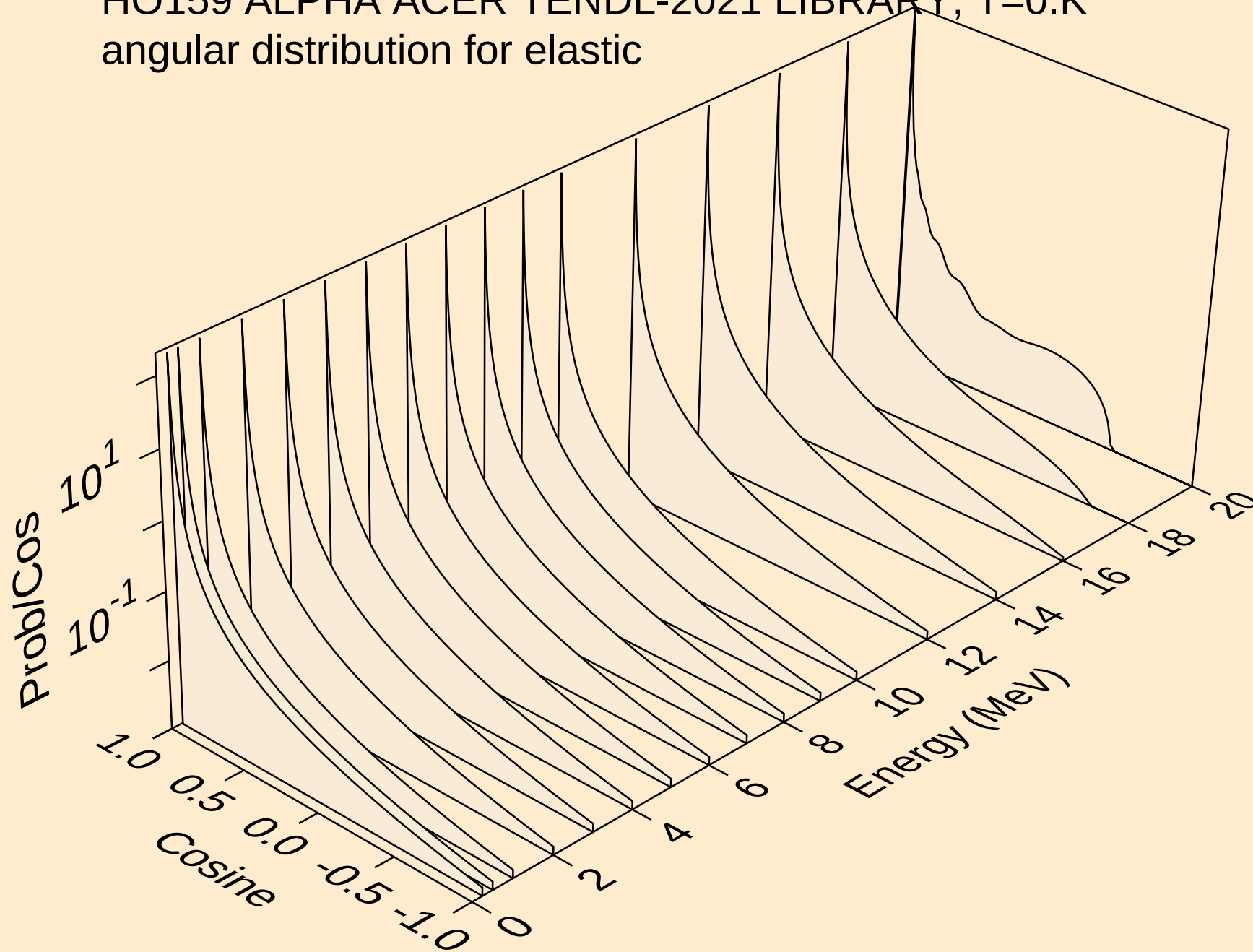


HO159 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

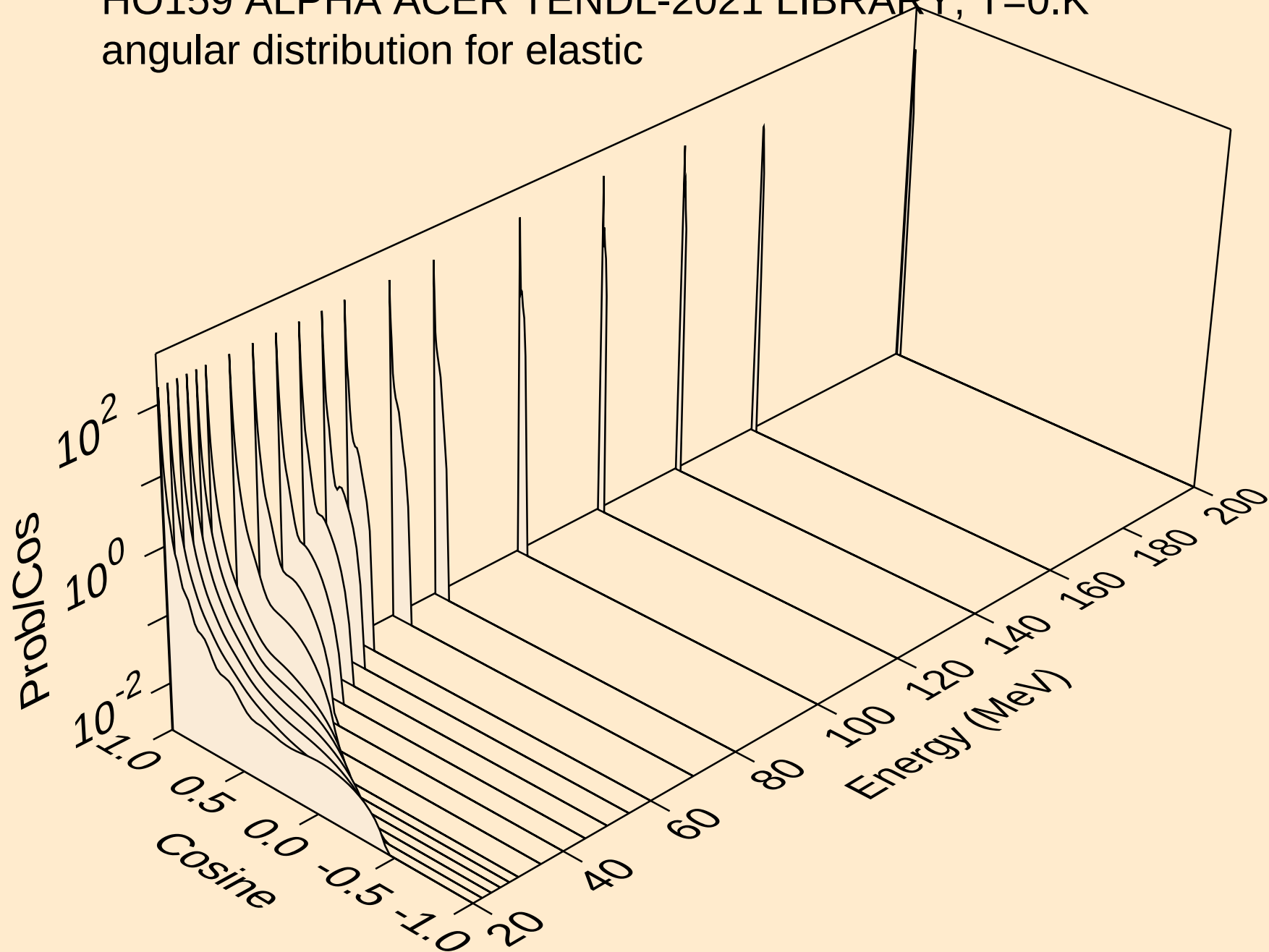
Threshold reactions



HO159 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
angular distribution for elastic

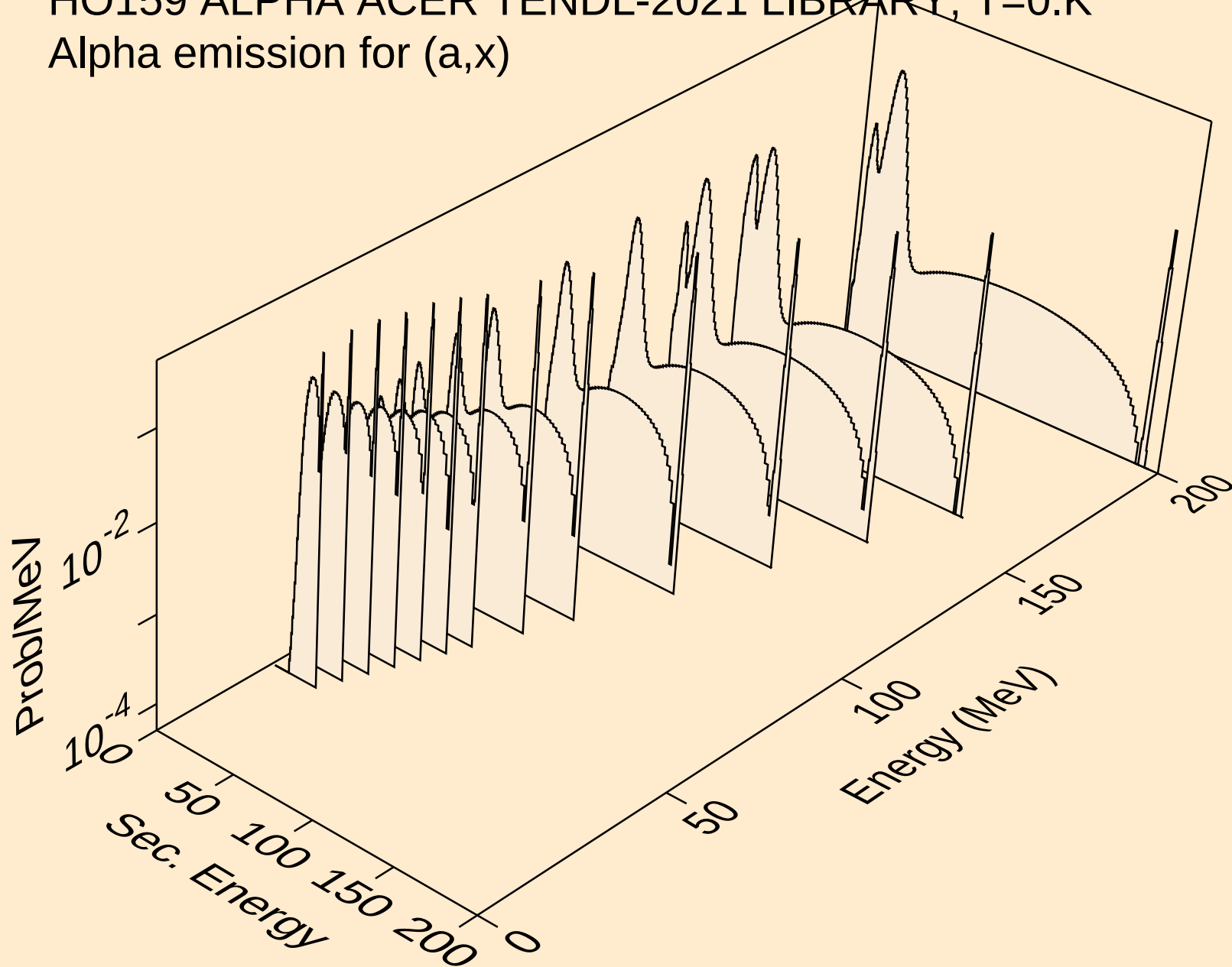


HO159 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
angular distribution for elastic



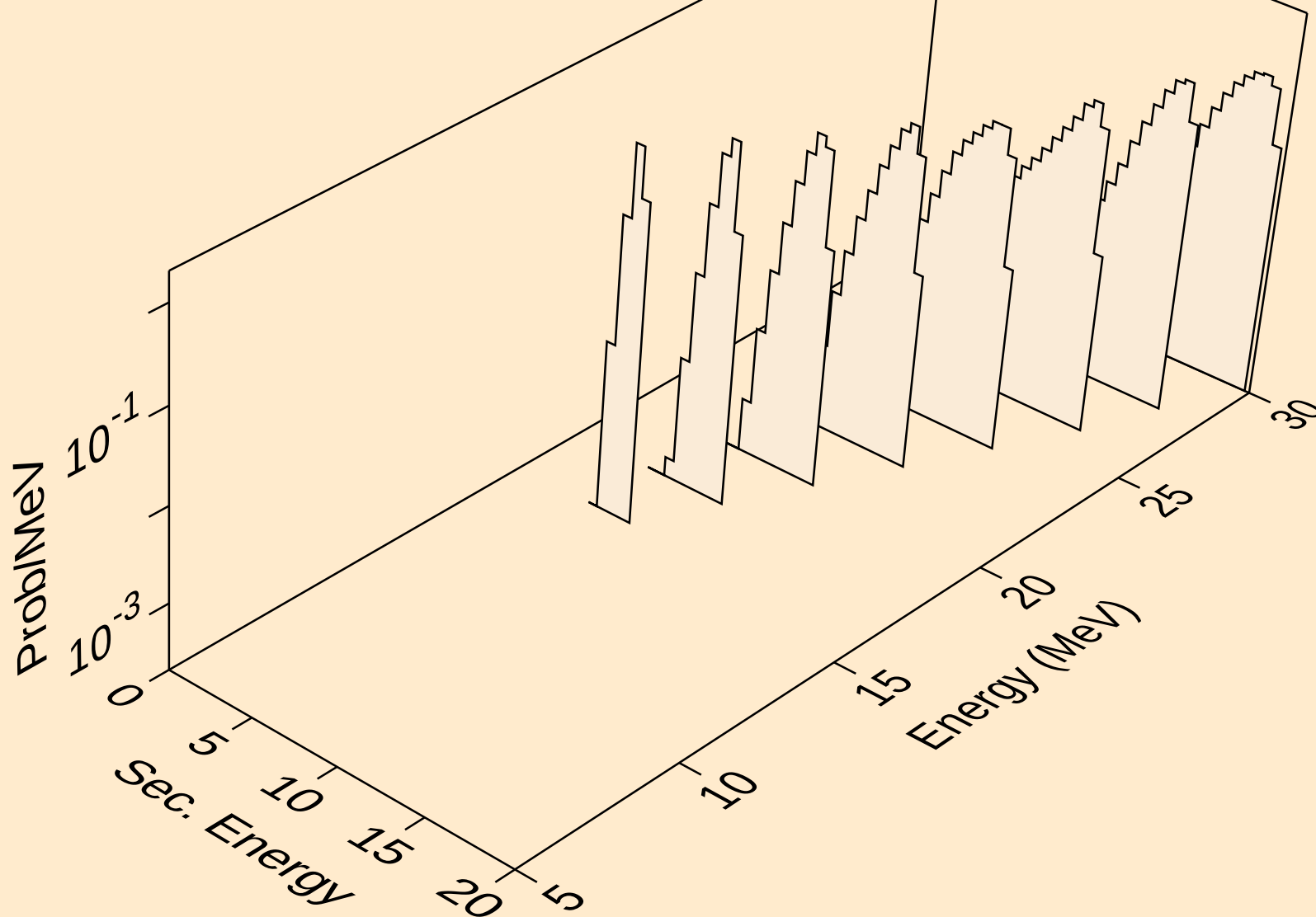
HO159 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Alpha emission for (a,x)



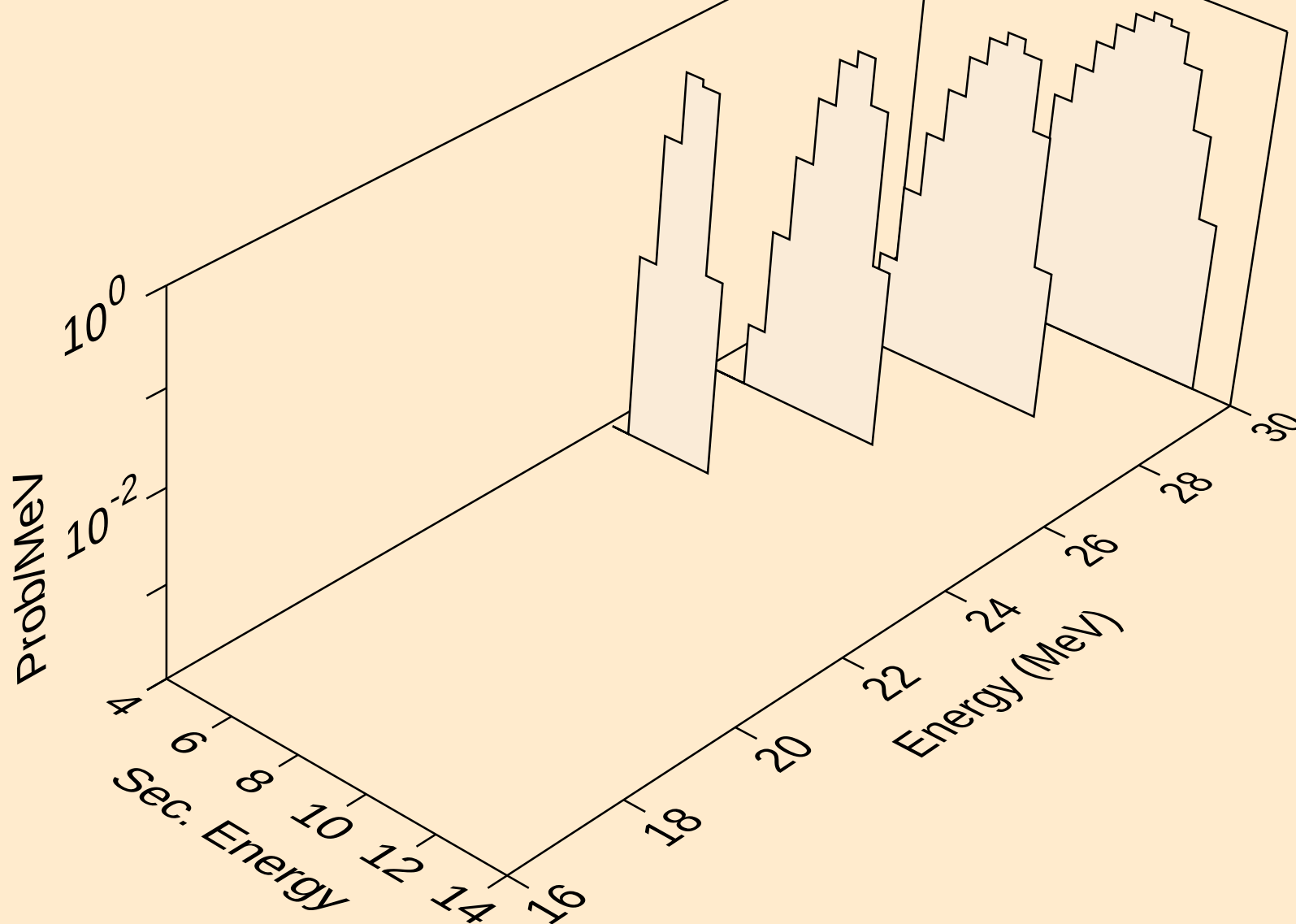
HO159 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Alpha emission for (a,n*)a



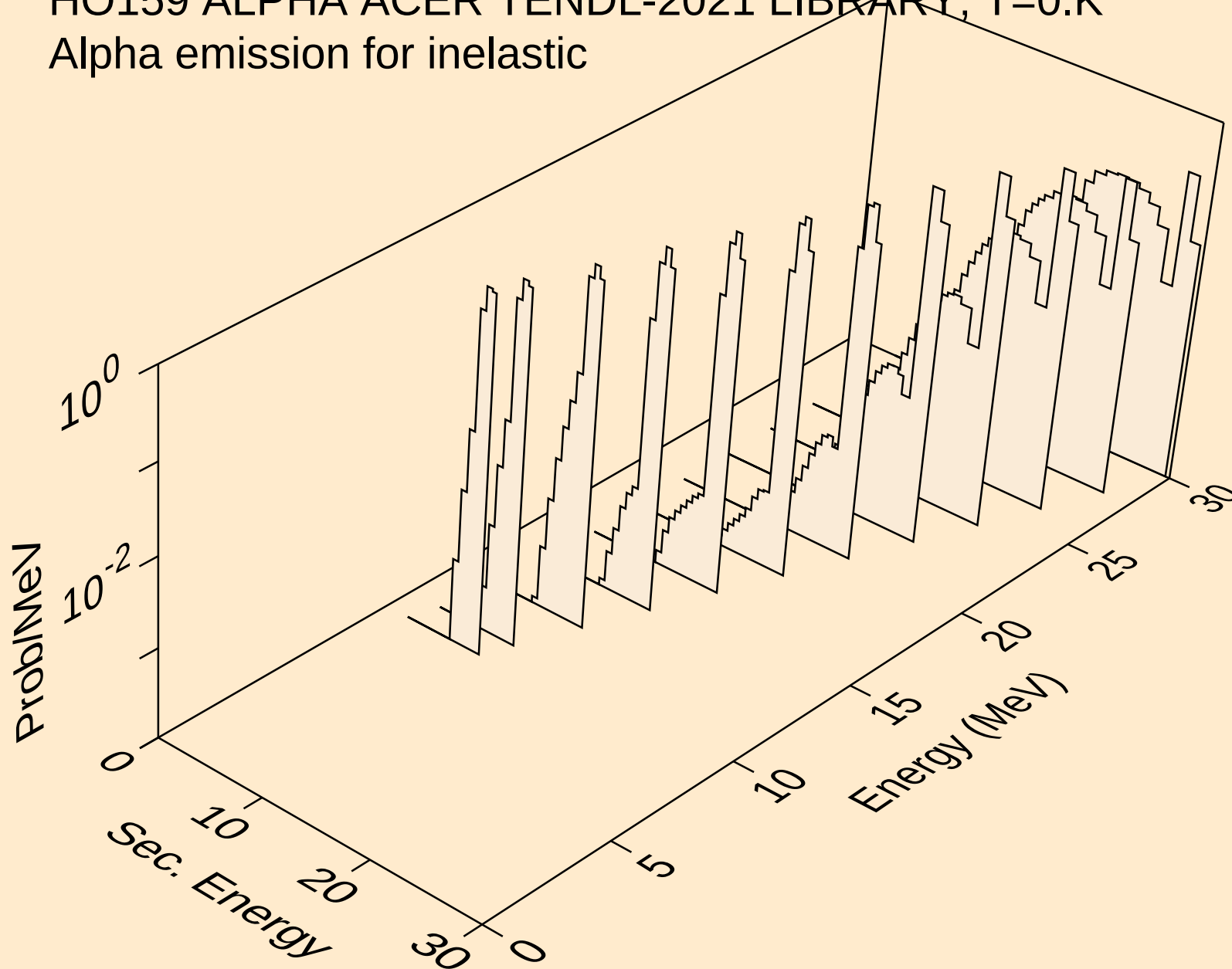
HO159 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Alpha emission for (a,2n)a



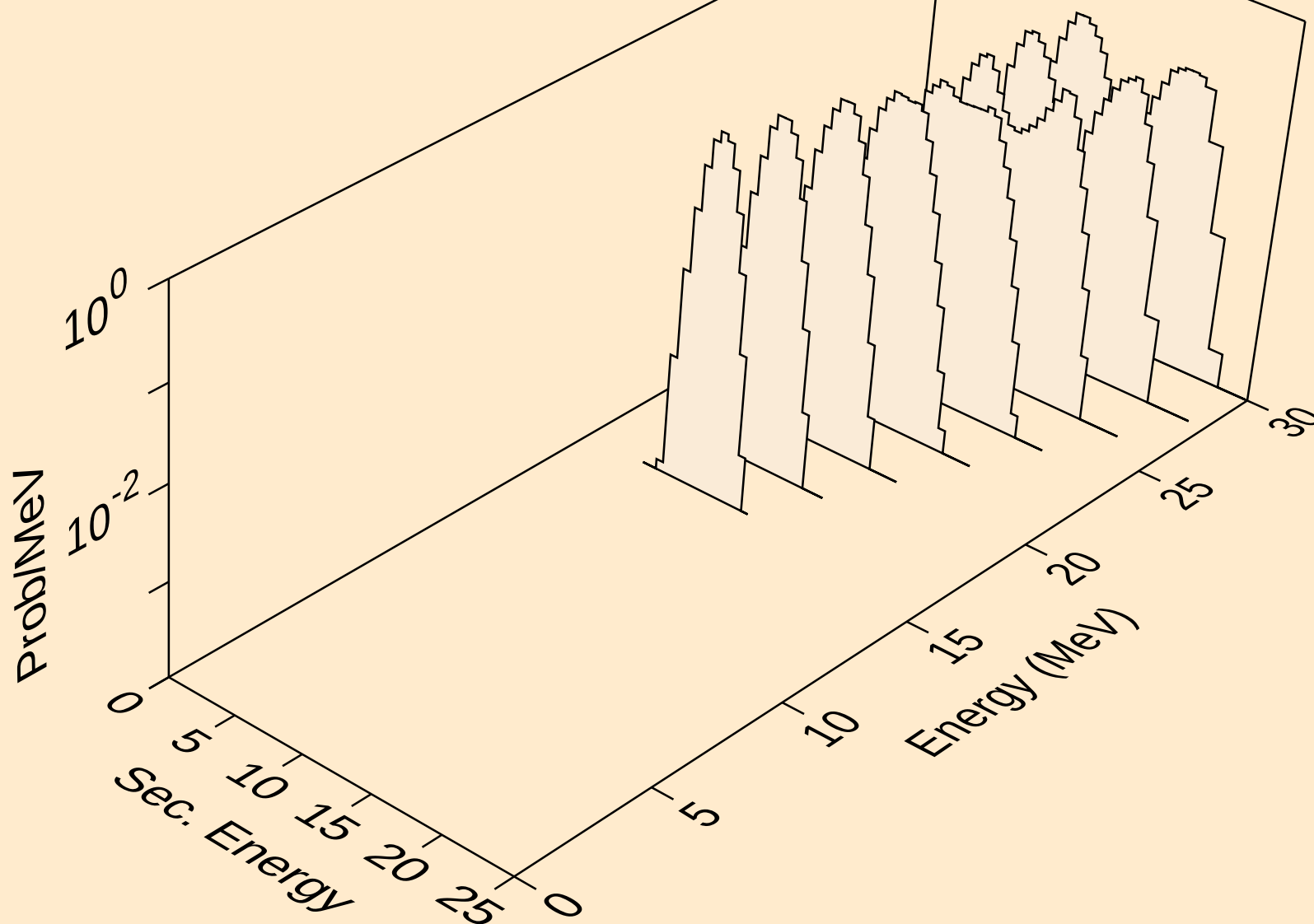
HO159 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Alpha emission for inelastic



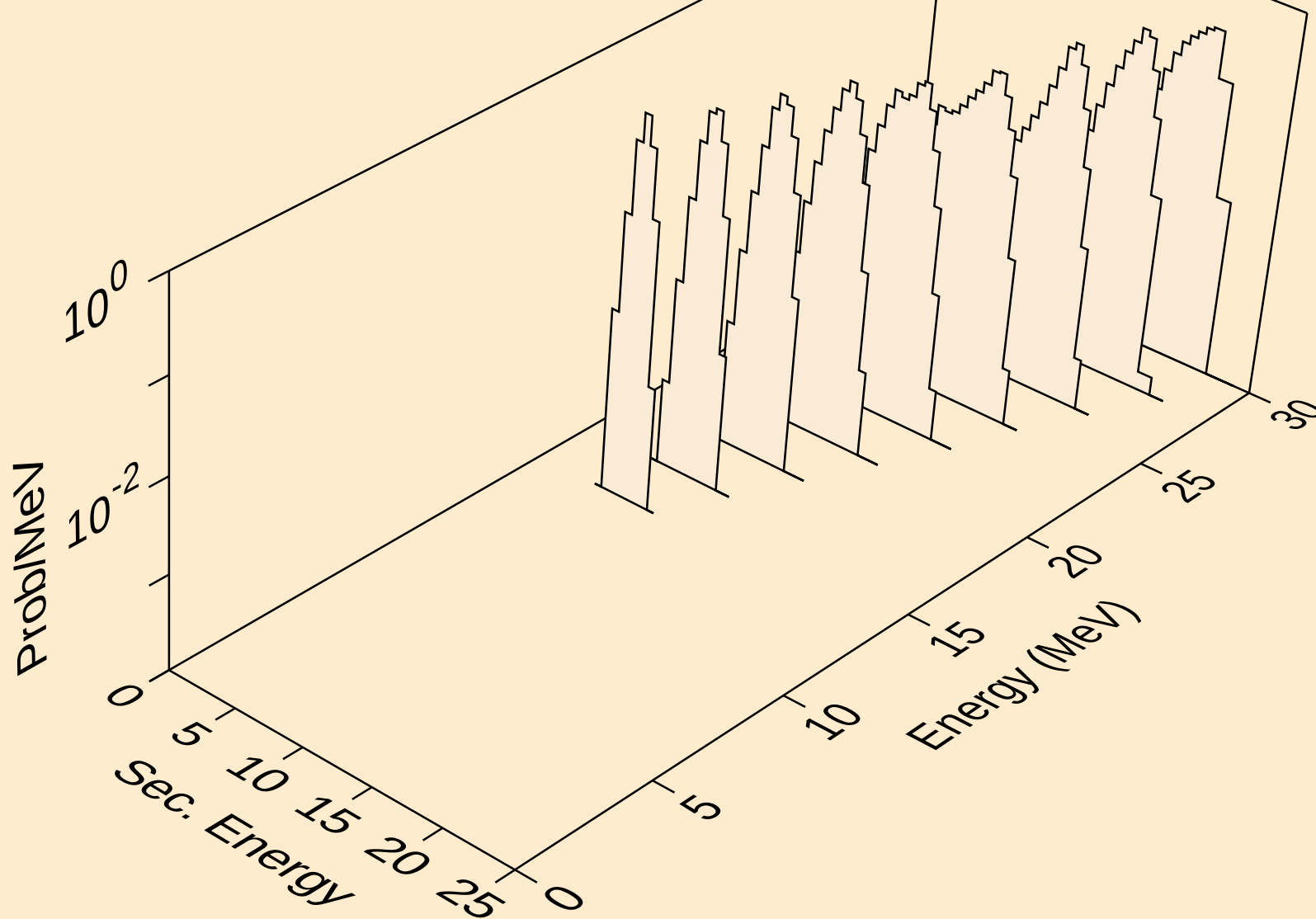
HO159 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Alpha emission for (a,2a)

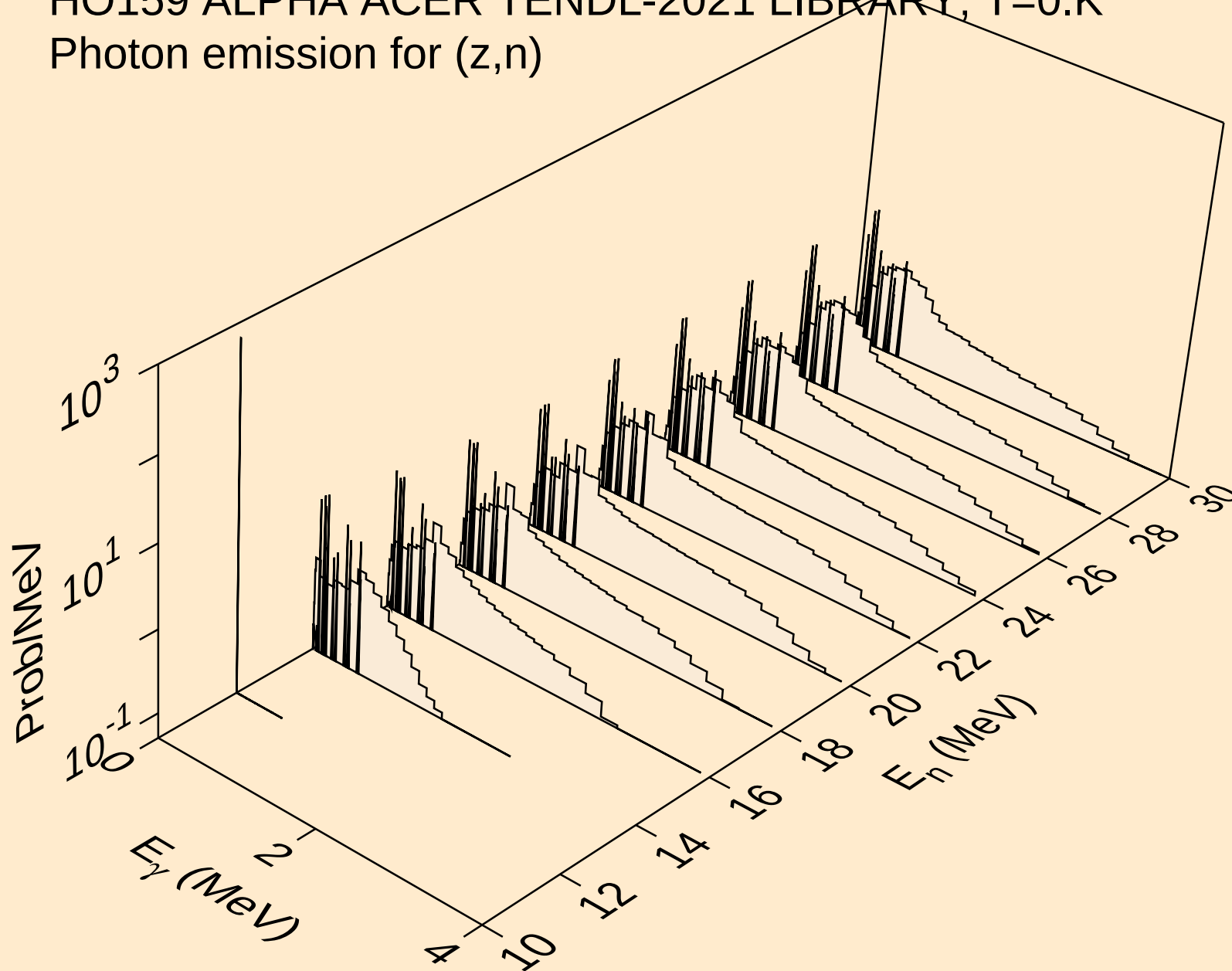


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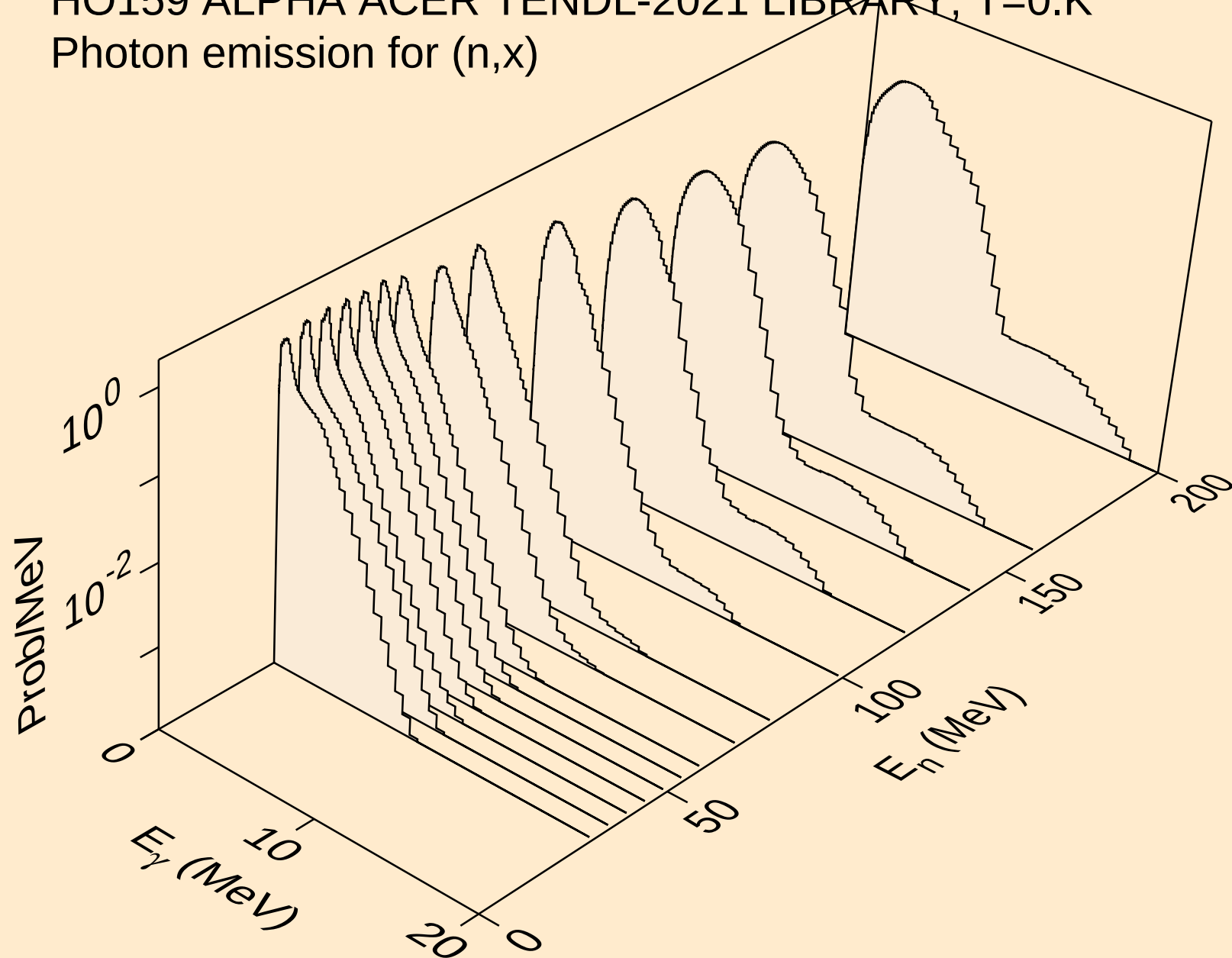
Alpha emission for (a,pa)



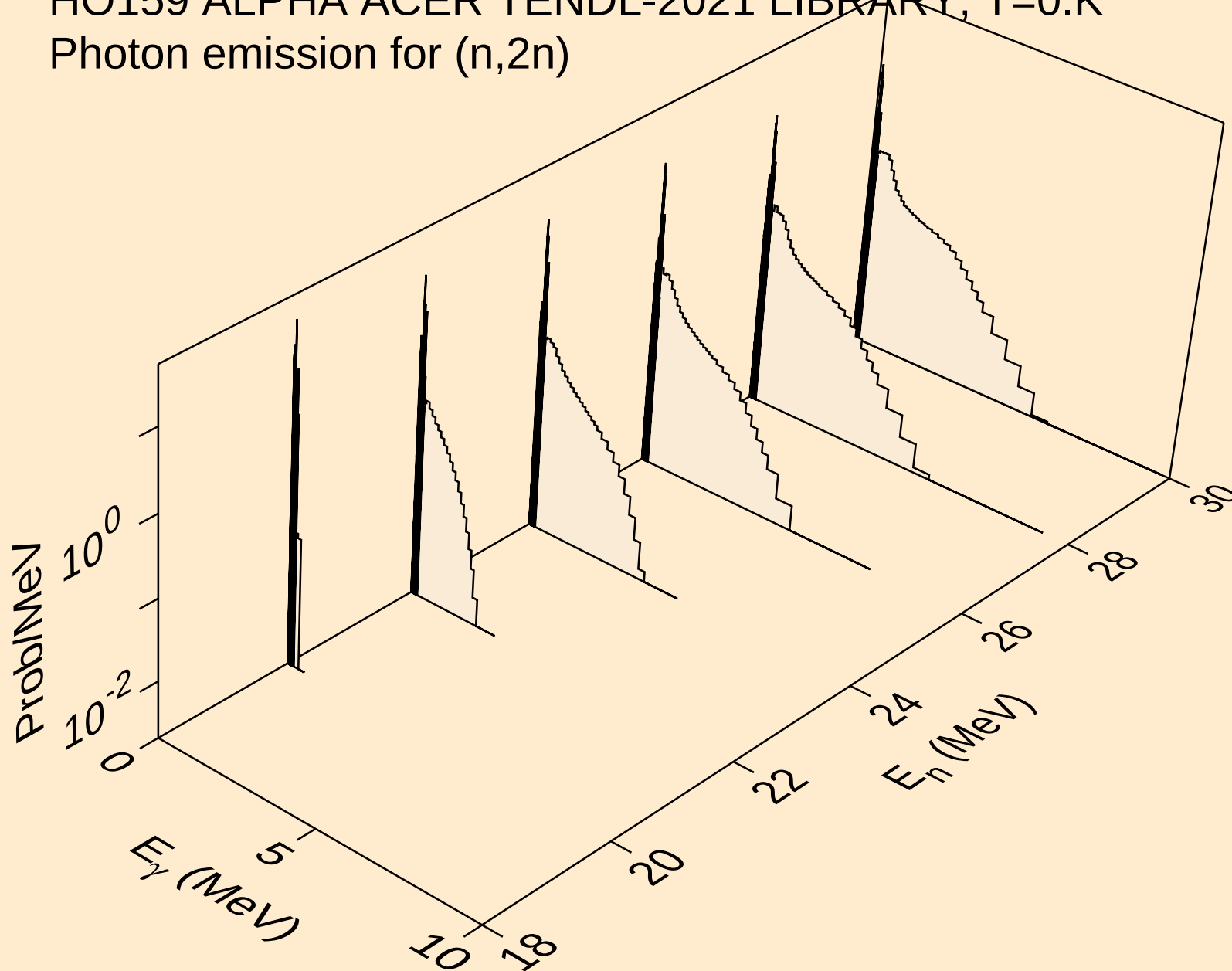
HO159 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (z,n)



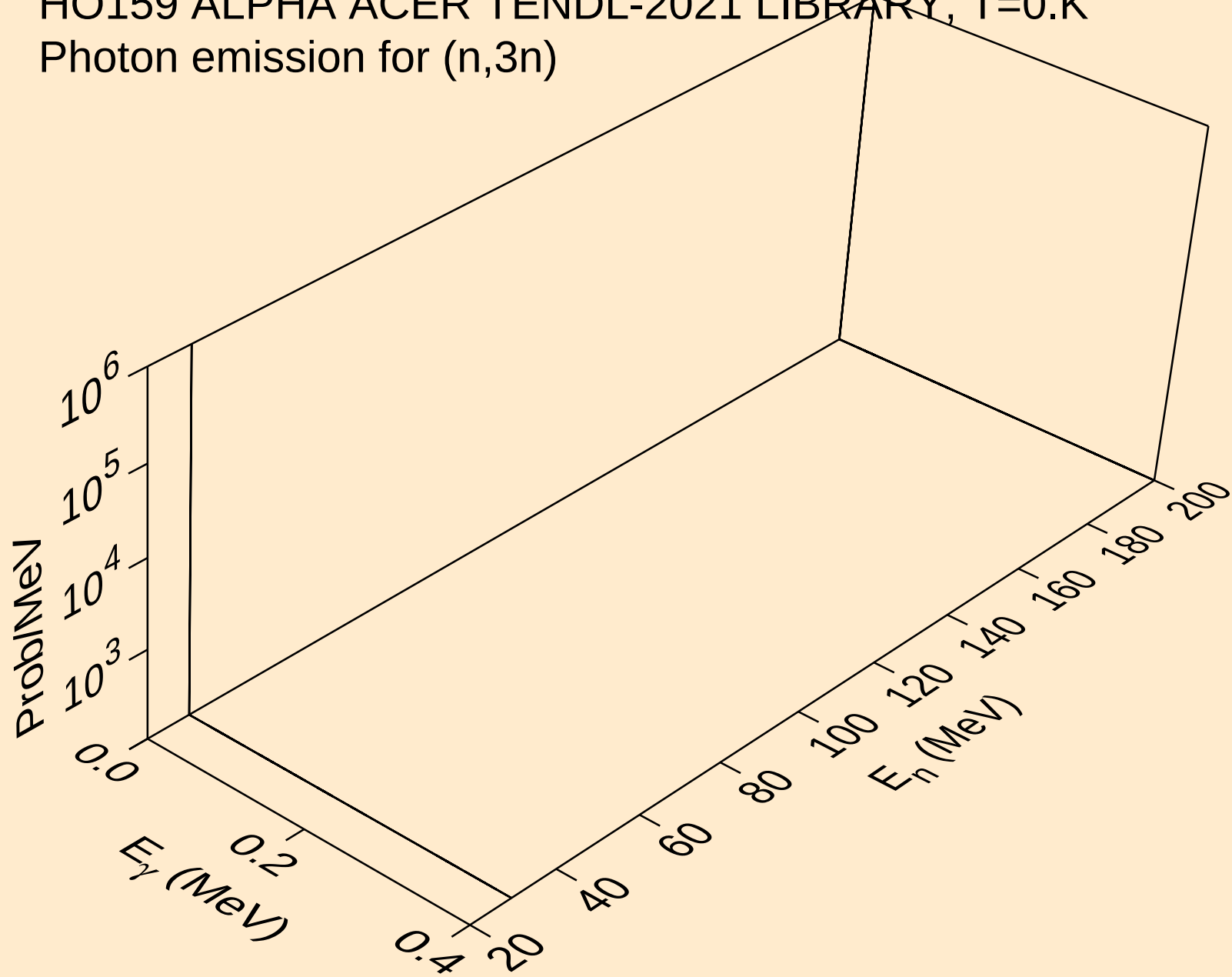
HO159 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,x)



HO159 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2n)

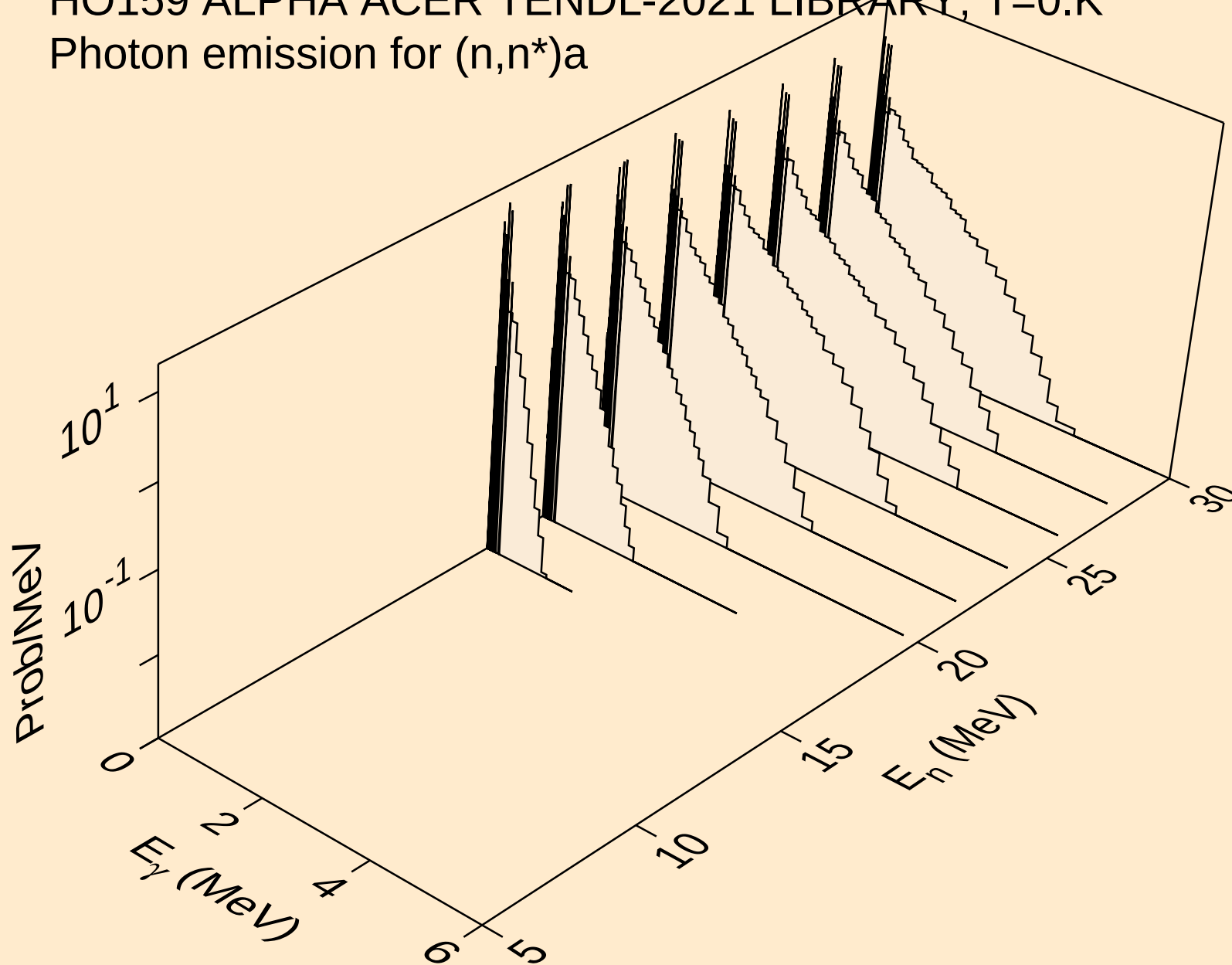


HO159 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,3n)



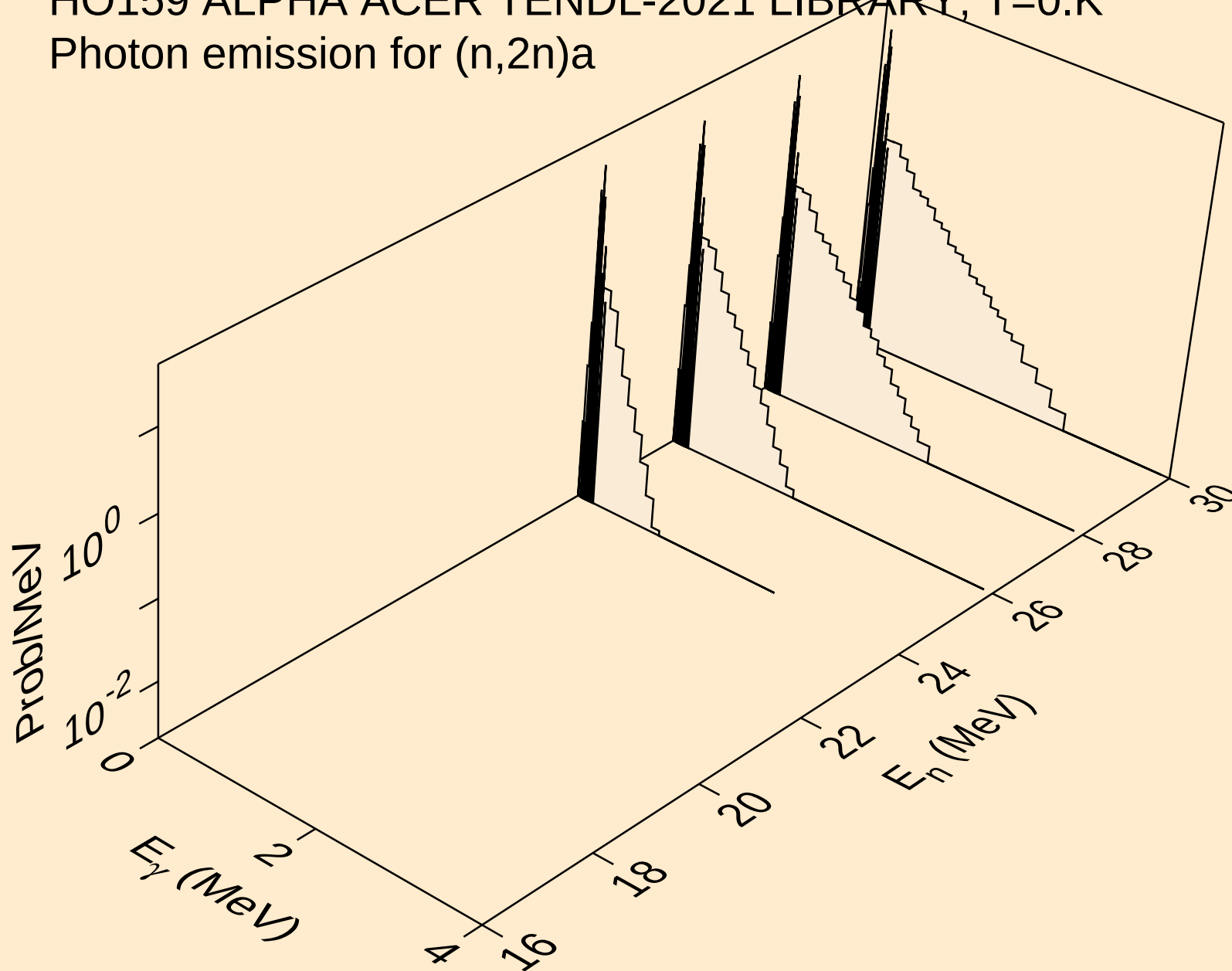
HO159 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,n*)a



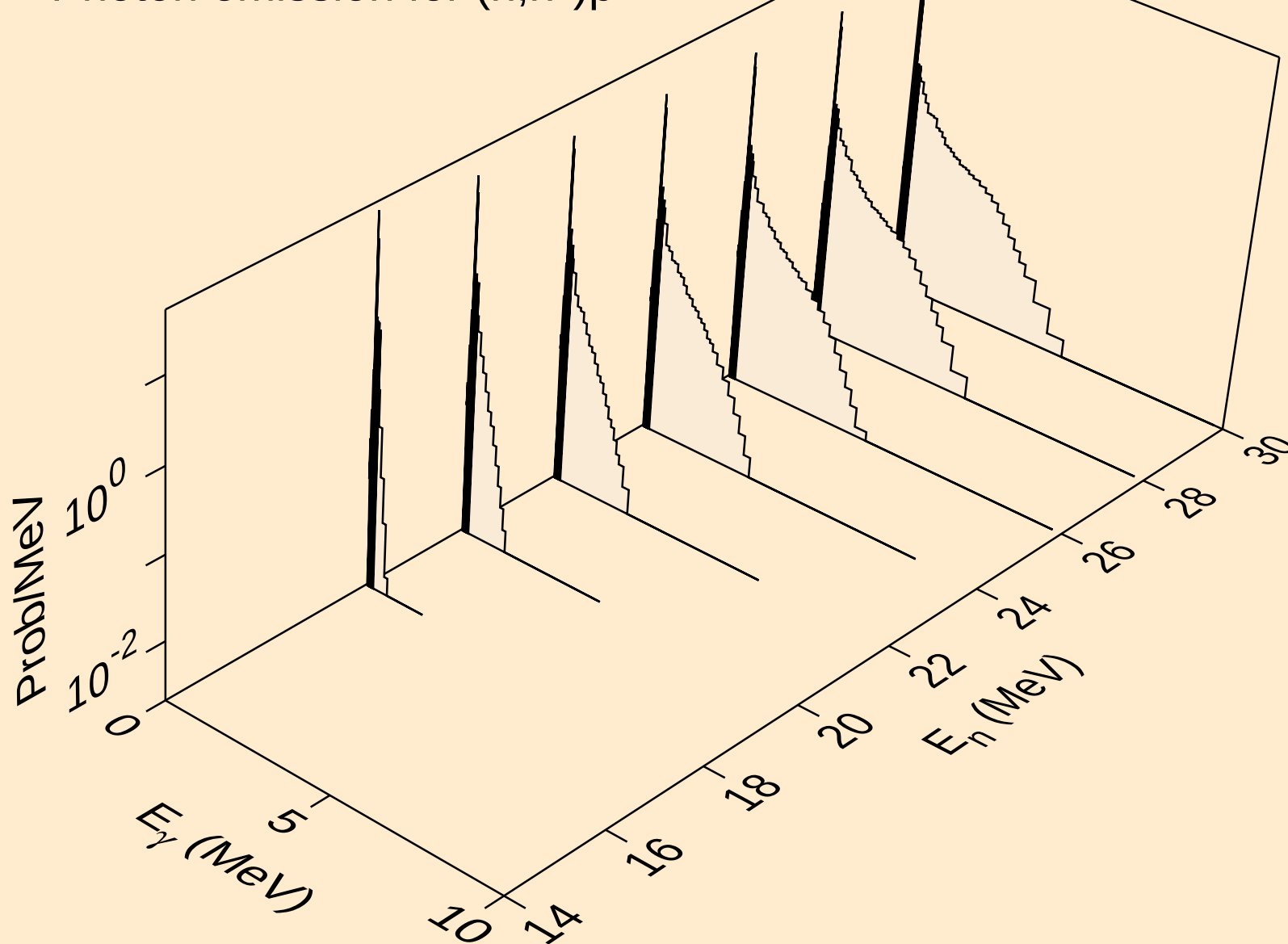
HO159 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,2n) α



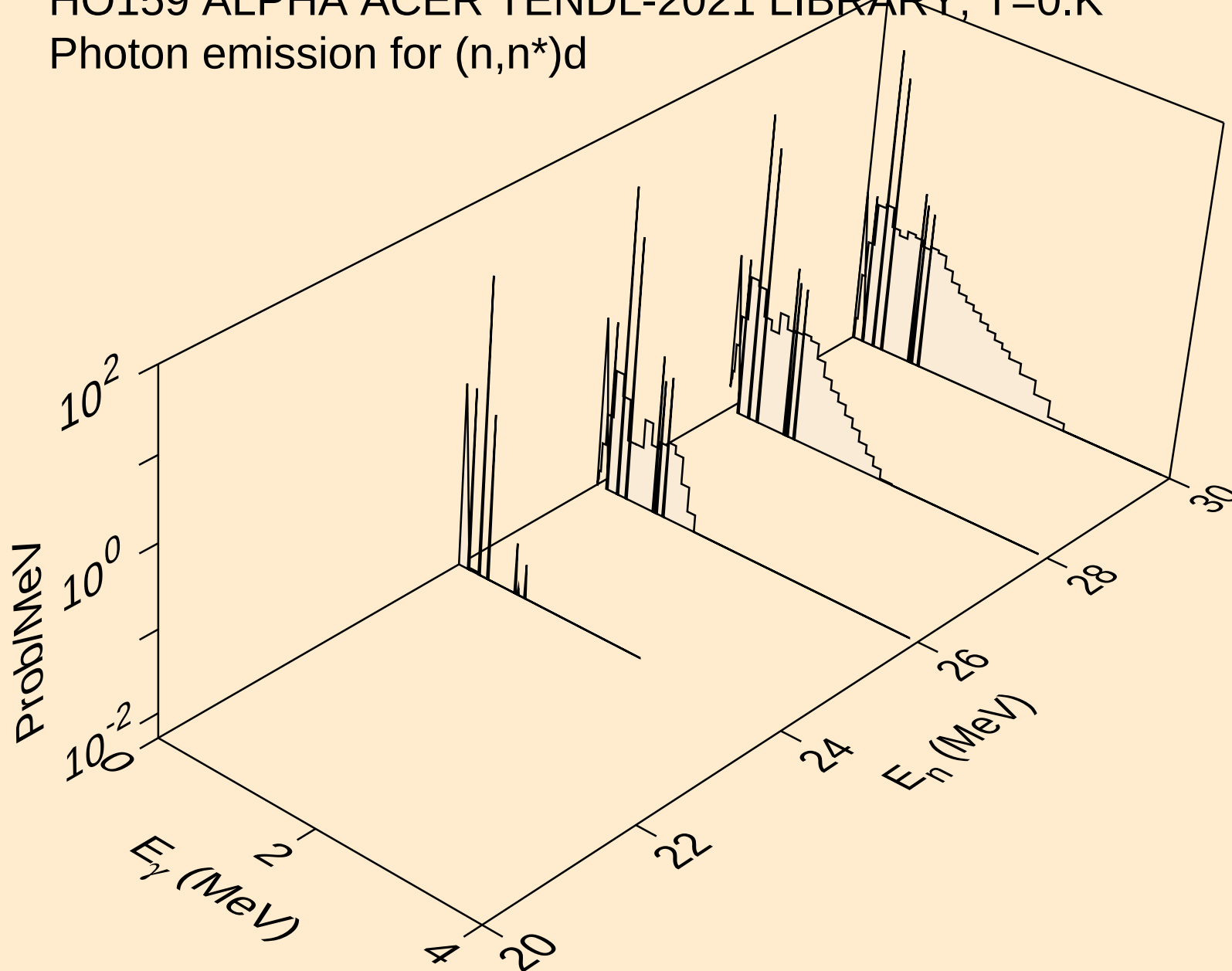
HO159 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,n*)p



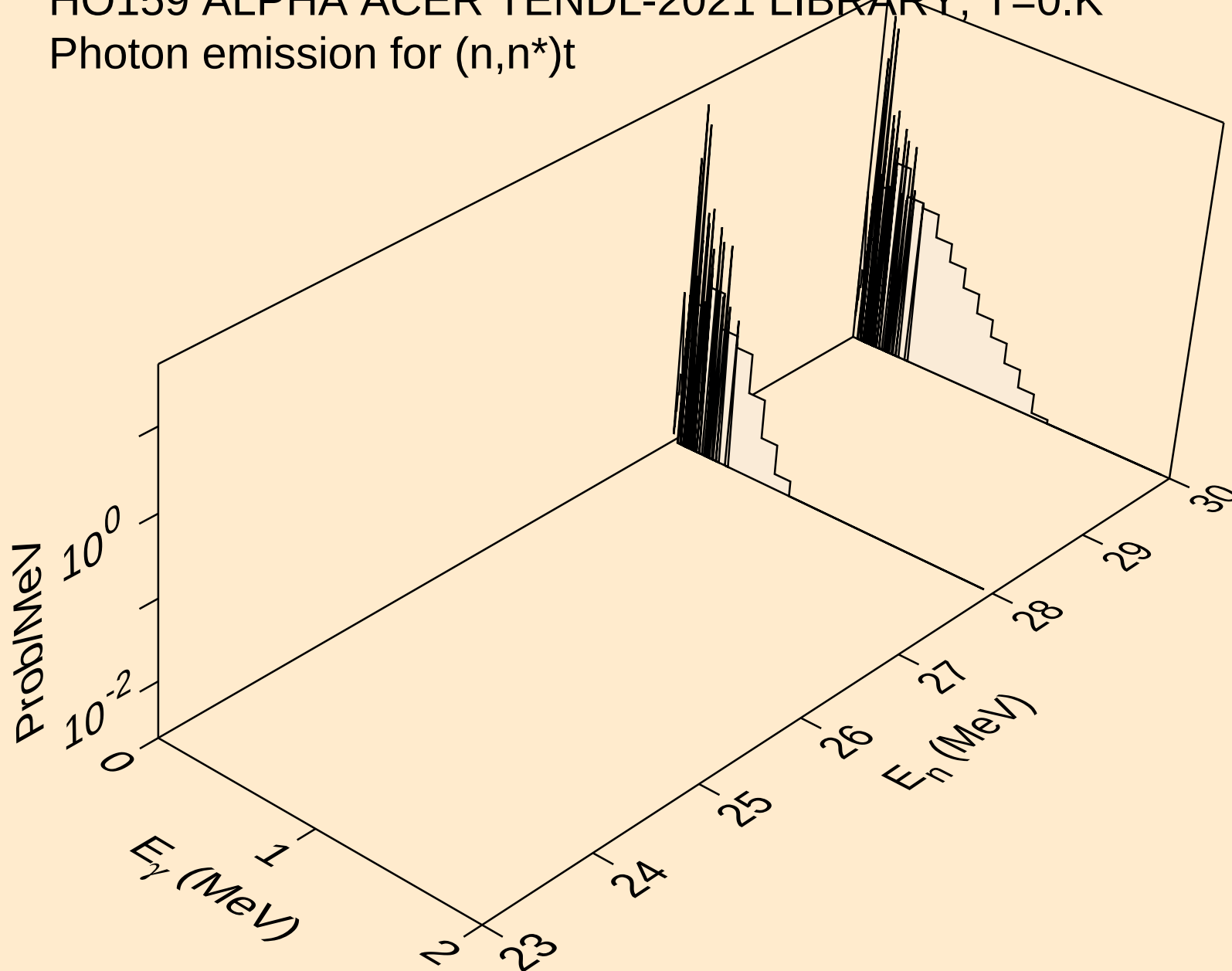
HO159 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,n*)d

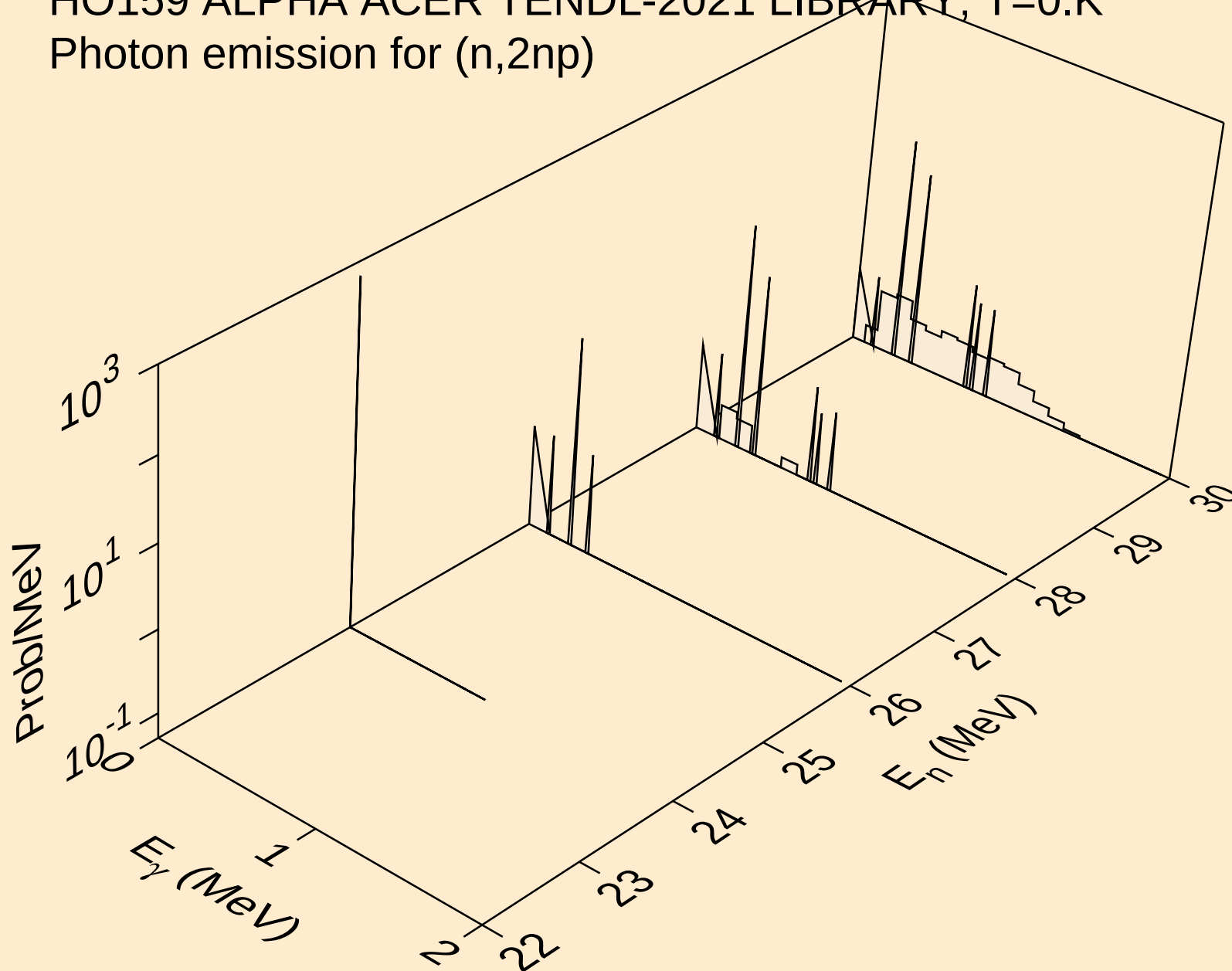


HO159 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

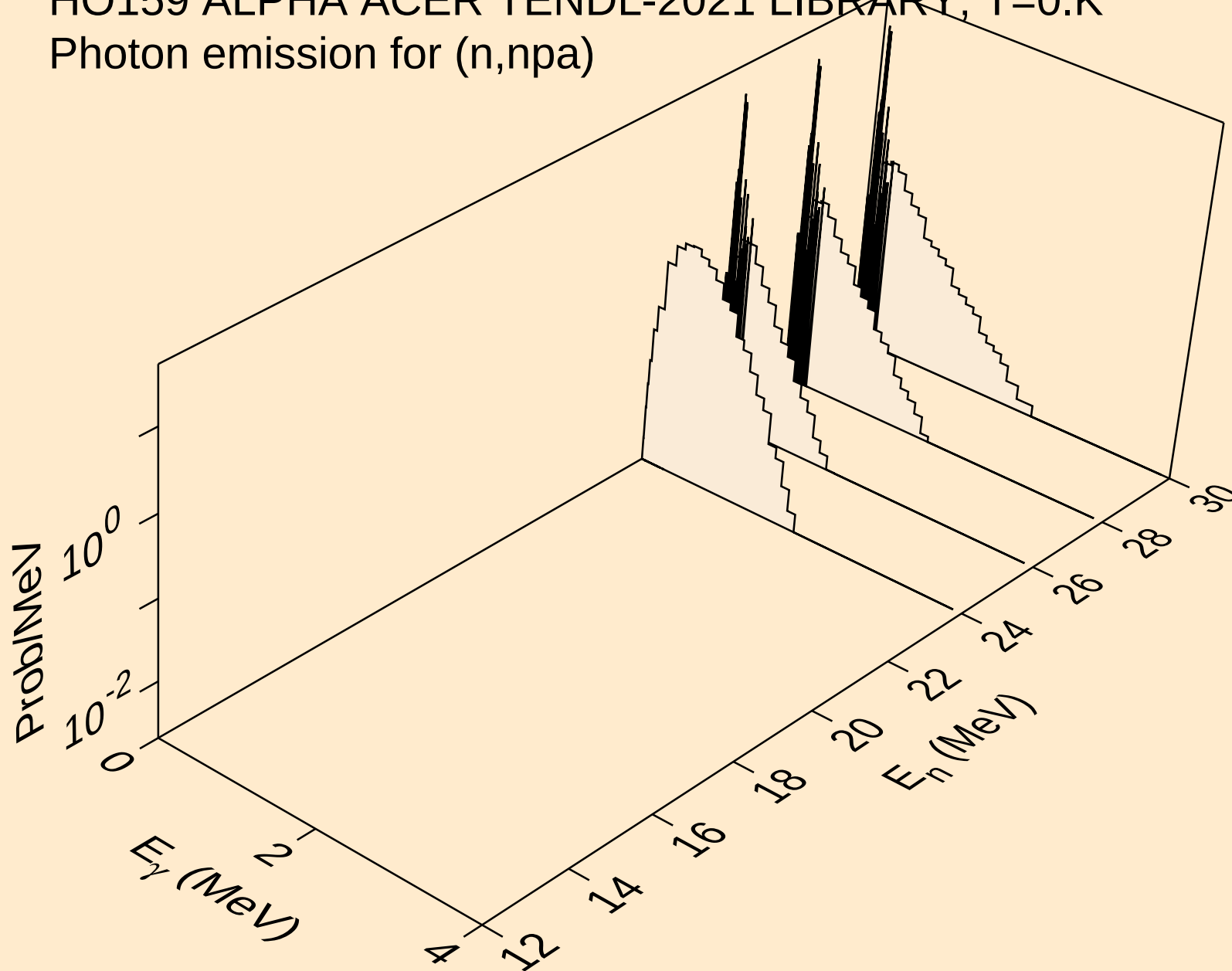
Photon emission for (n,n*)t



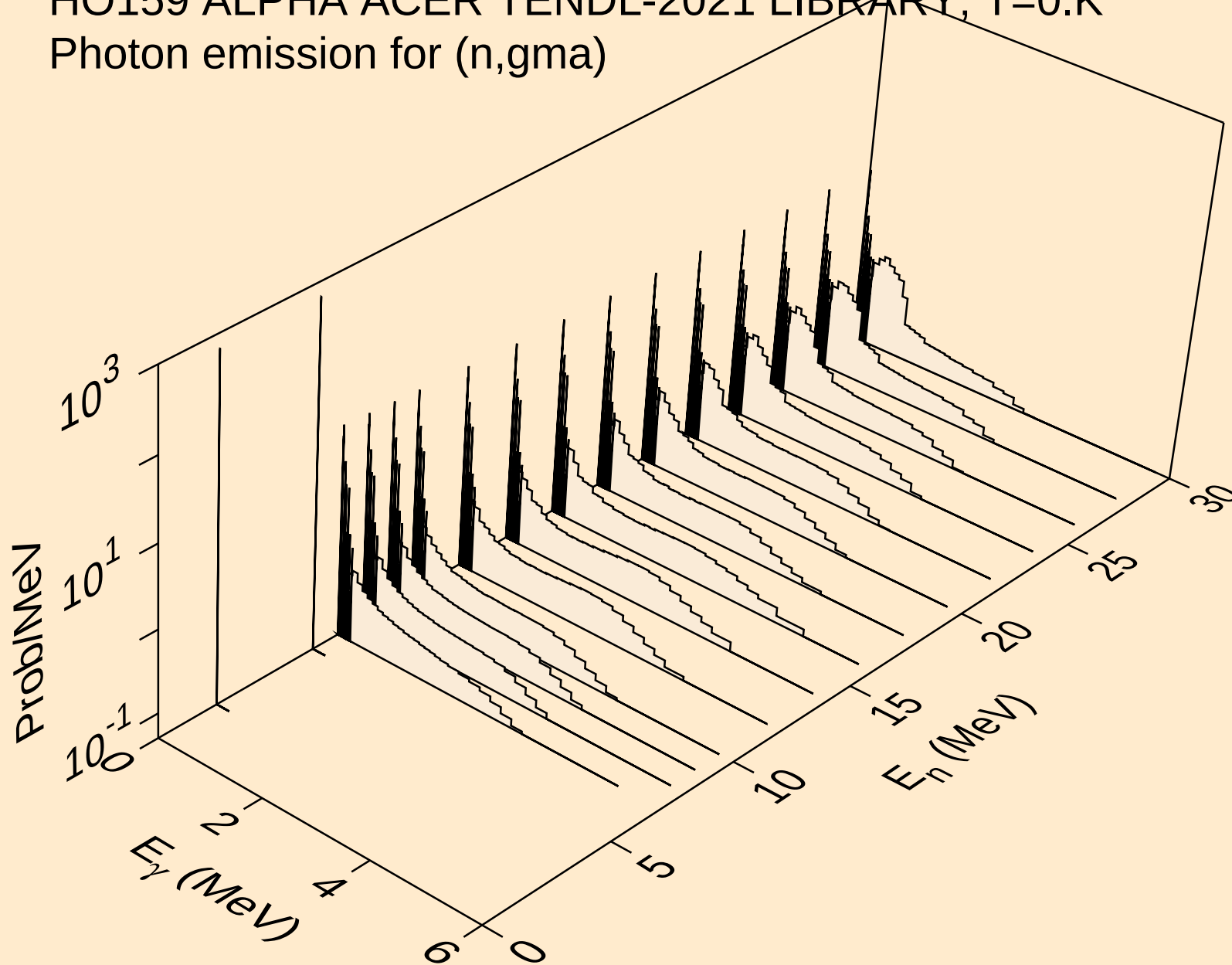
HO159 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2np)



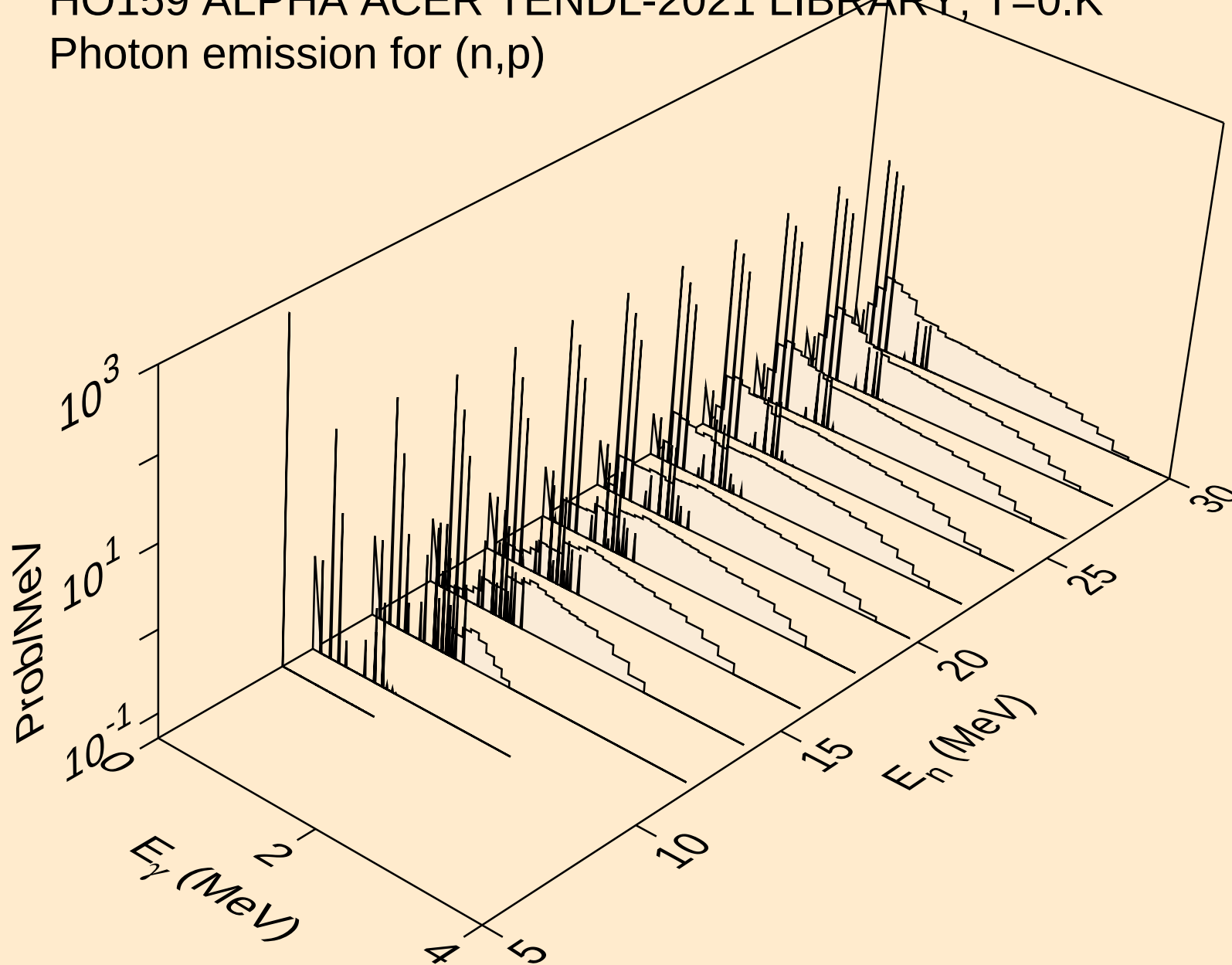
HO159 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,npa)



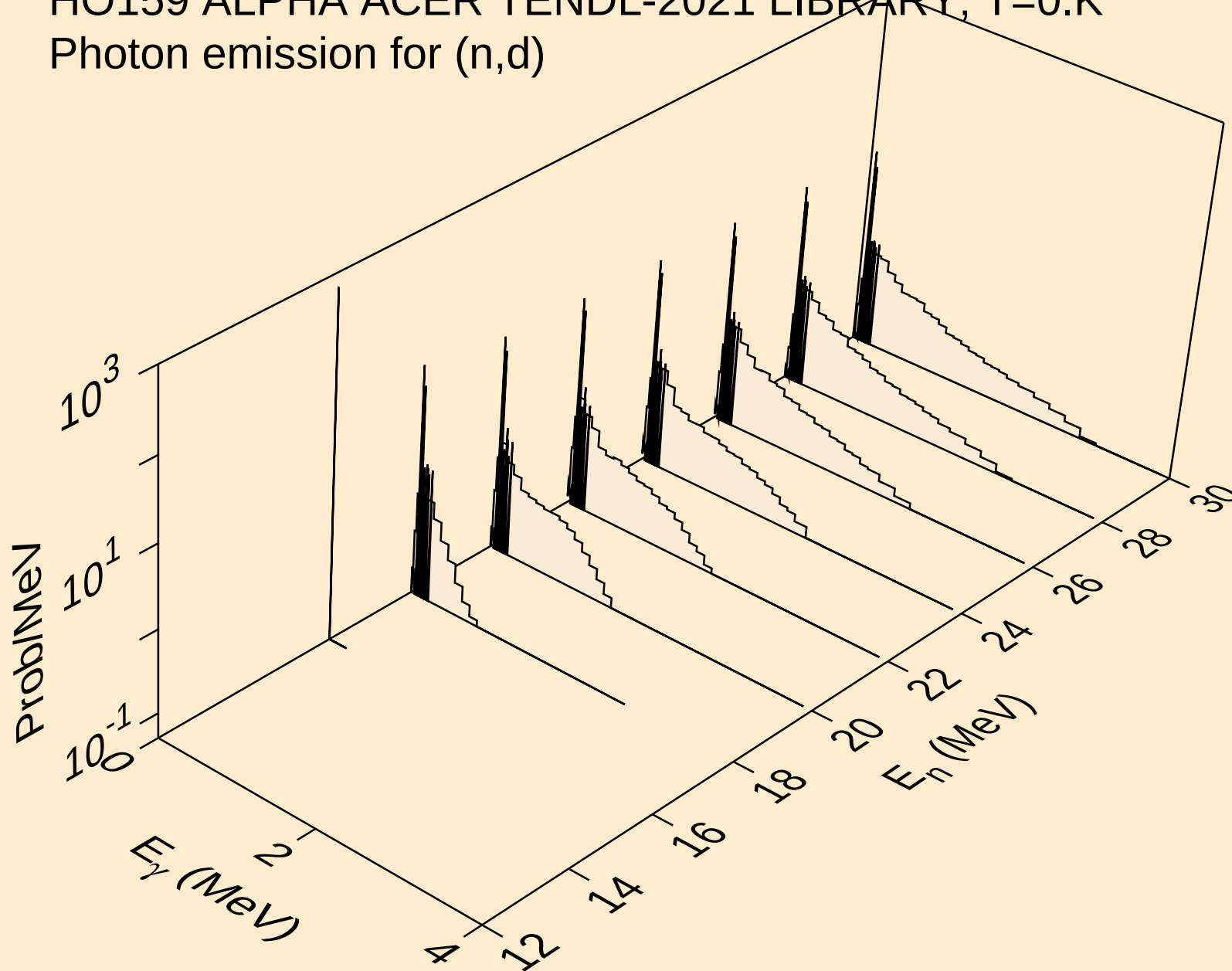
HO159 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,gma)



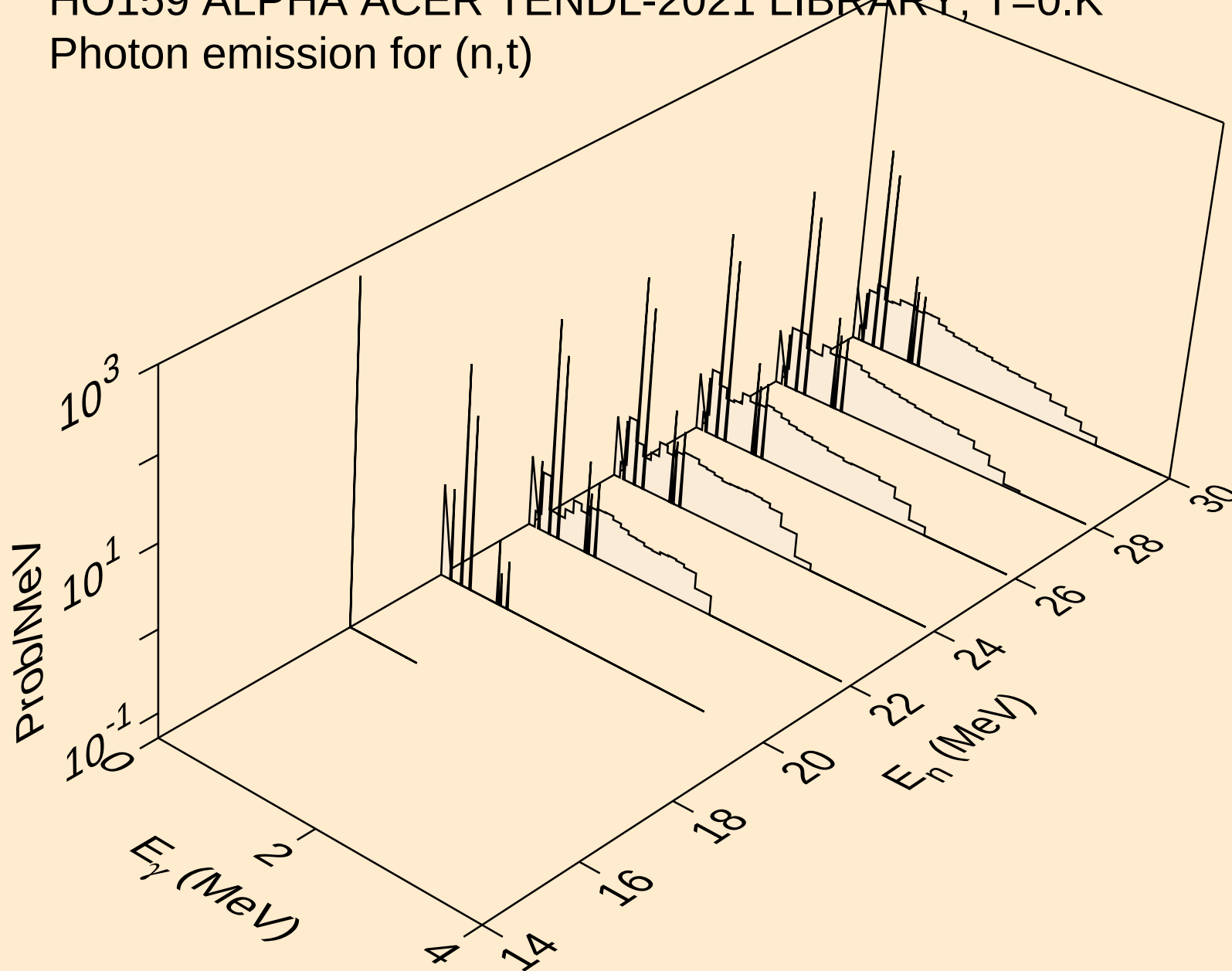
HO159 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,p)



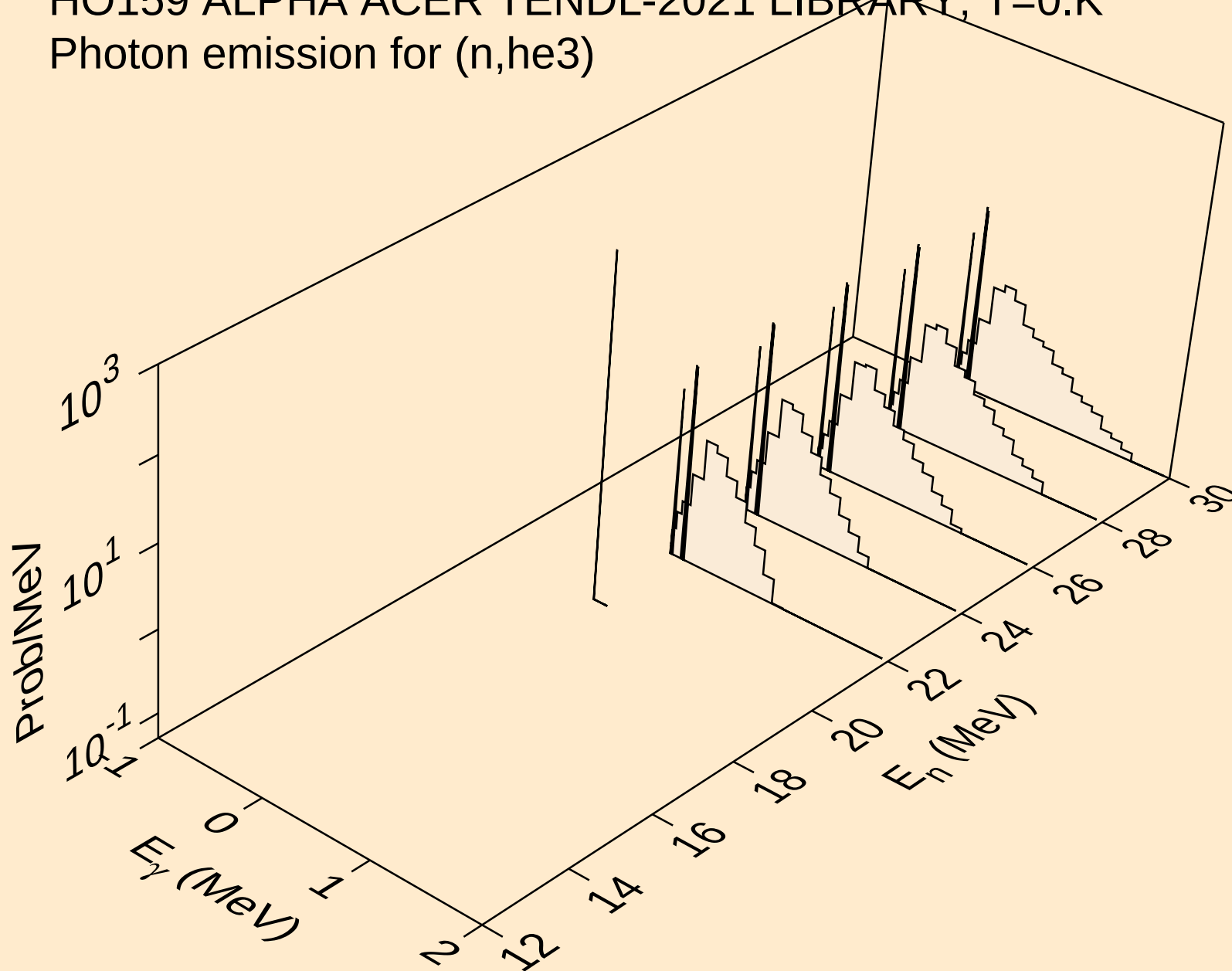
HO159 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,d)



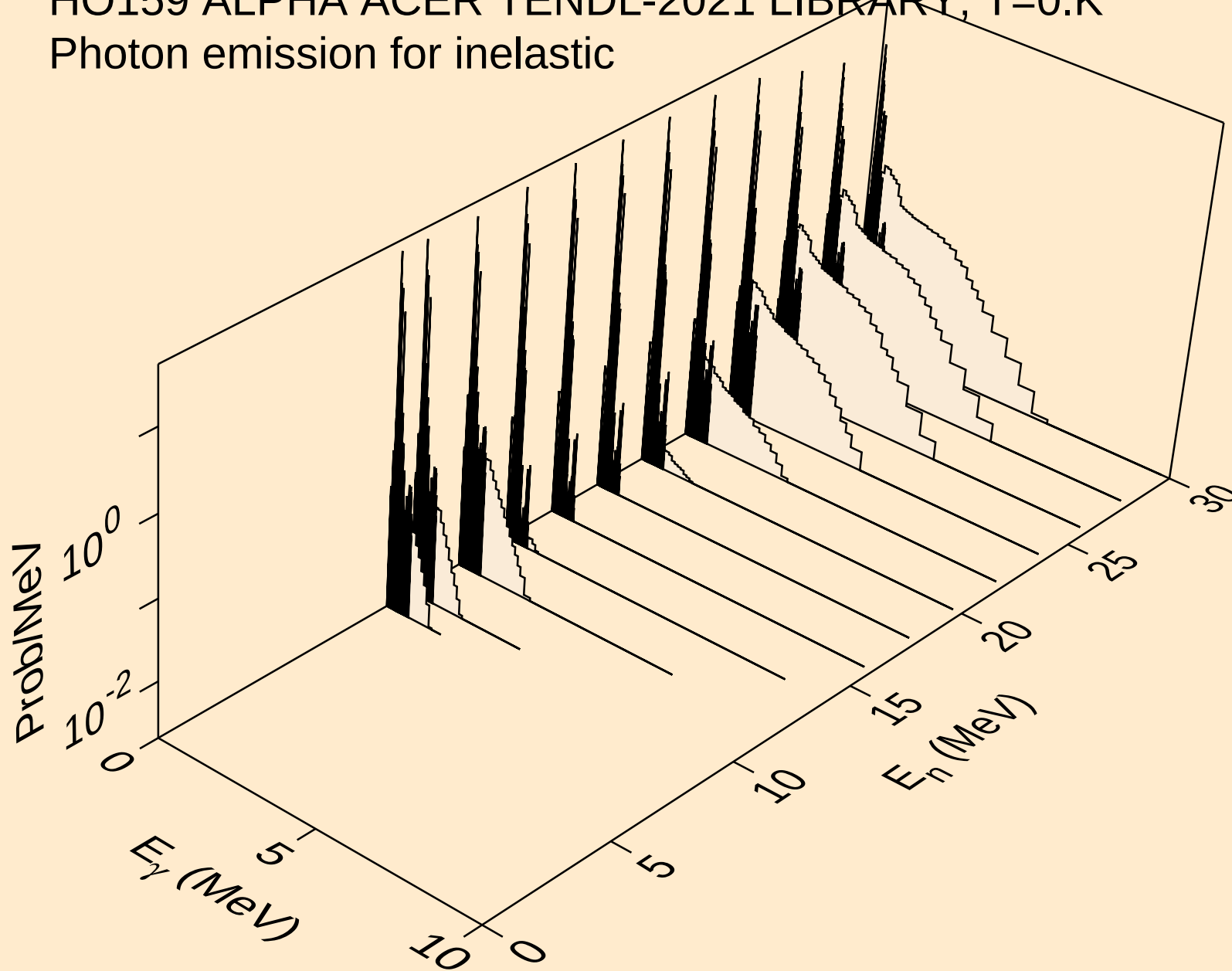
HO159 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,t)



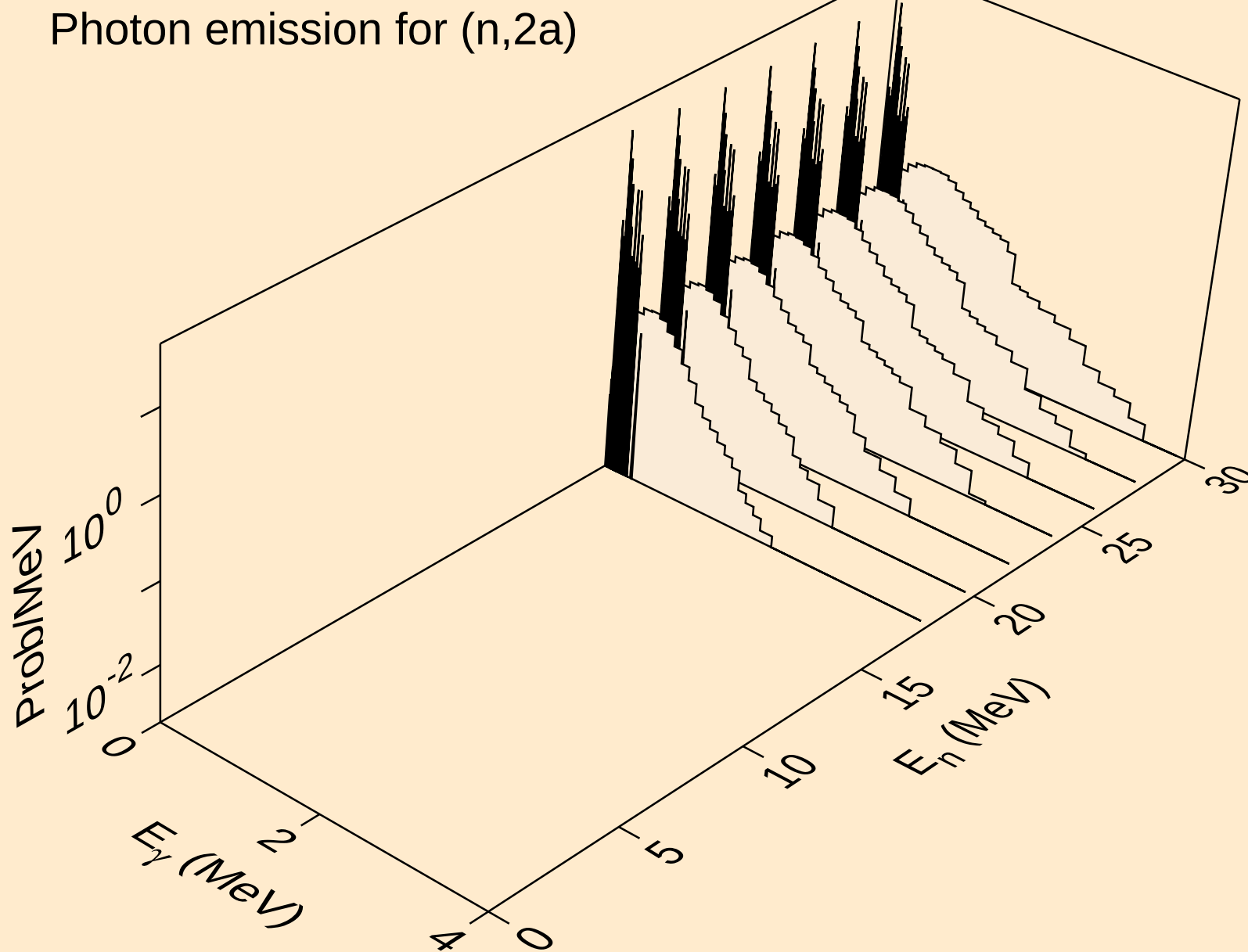
HO159 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,he3)



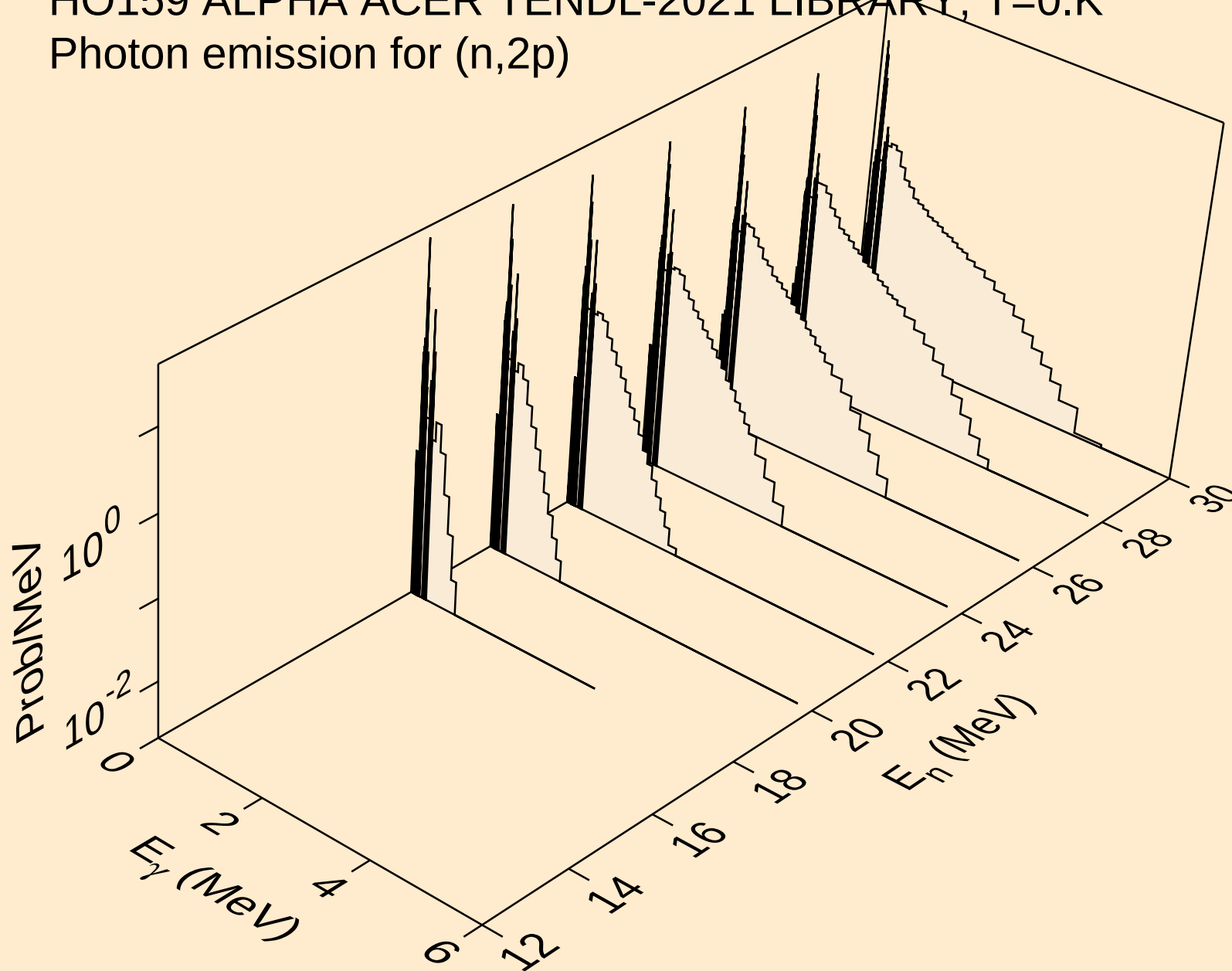
HO159 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for inelastic



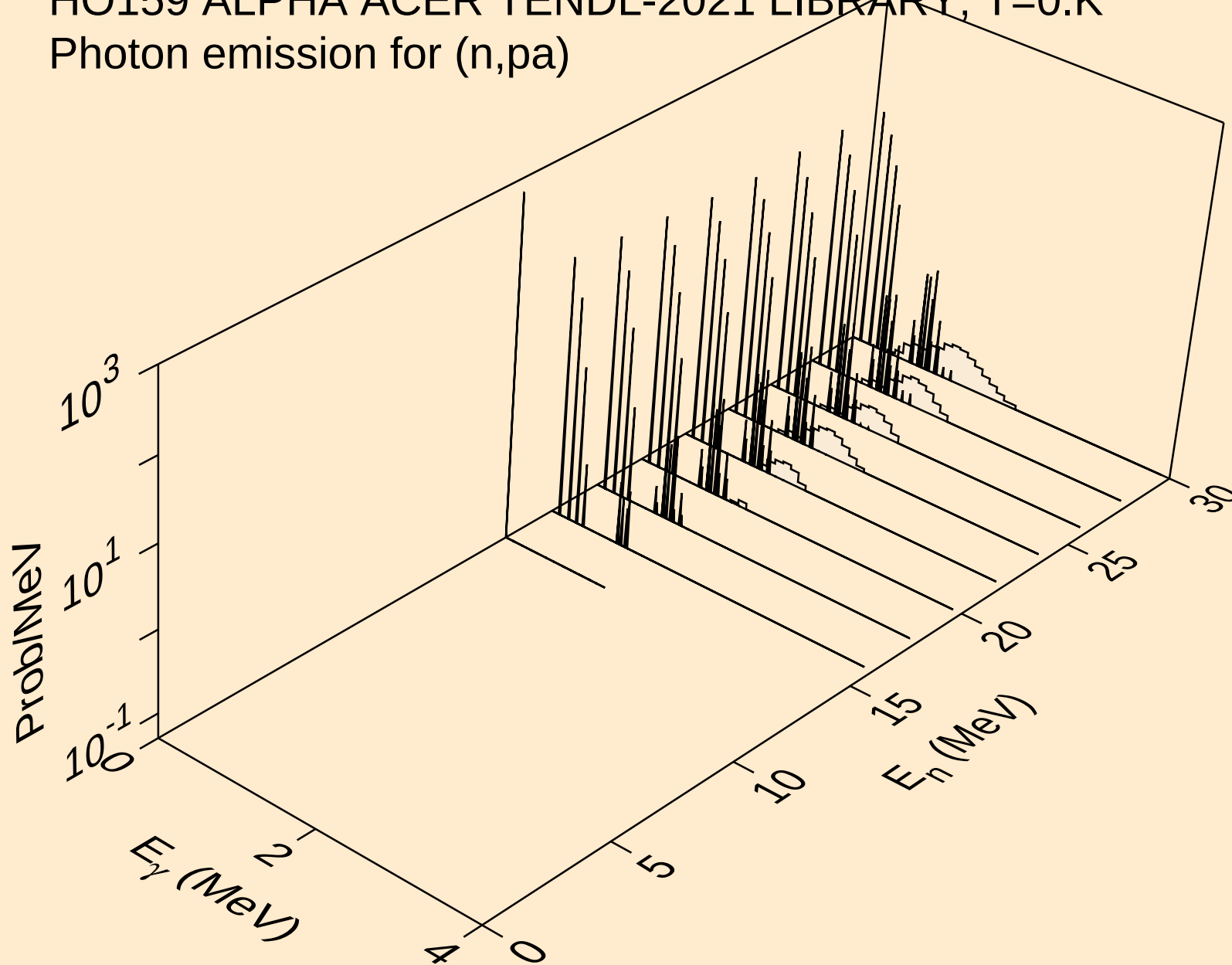
HO159 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2a)



HO159 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2p)

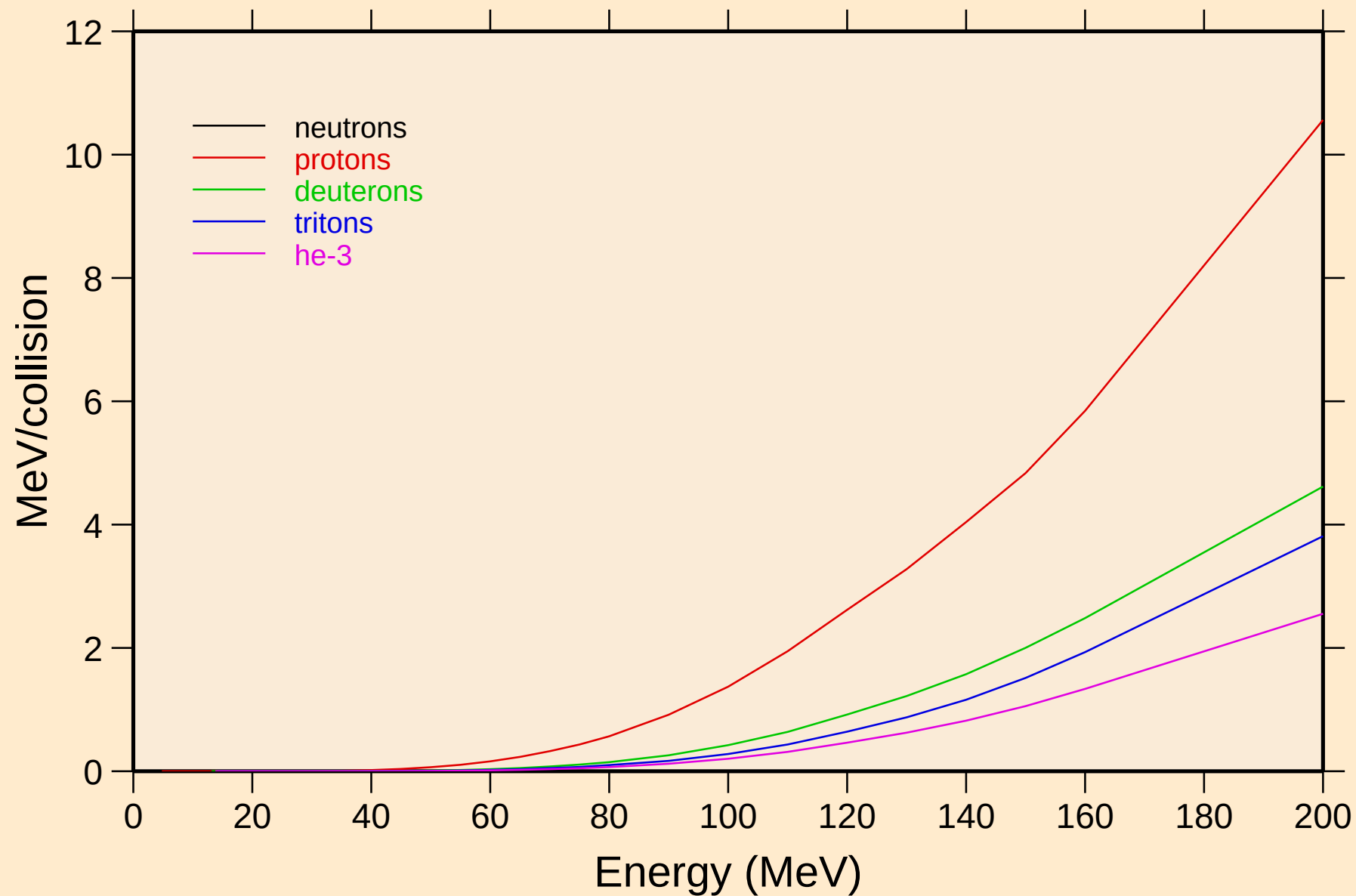


HO159 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,pa)



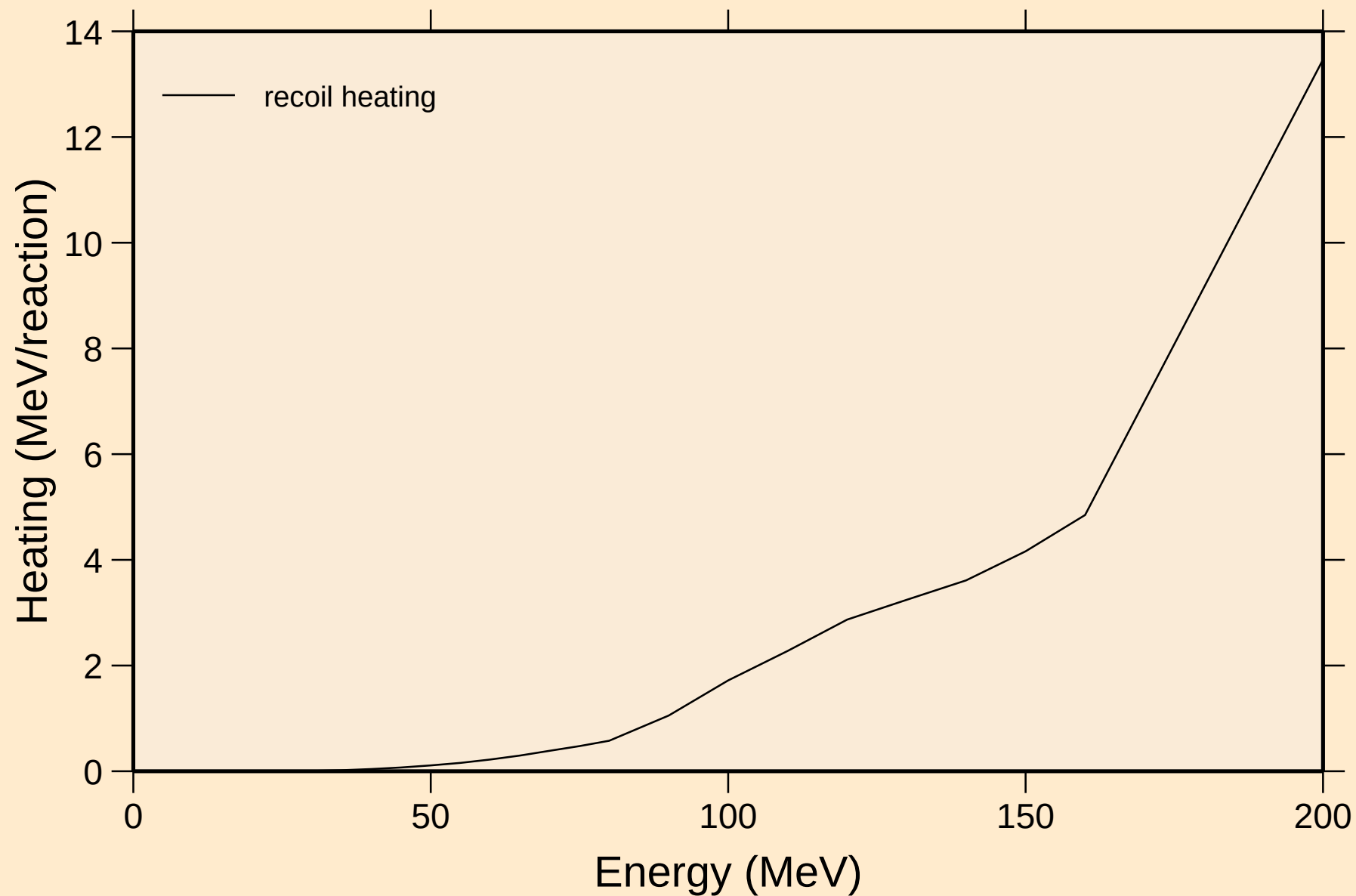
HO159 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Particle heating contributions



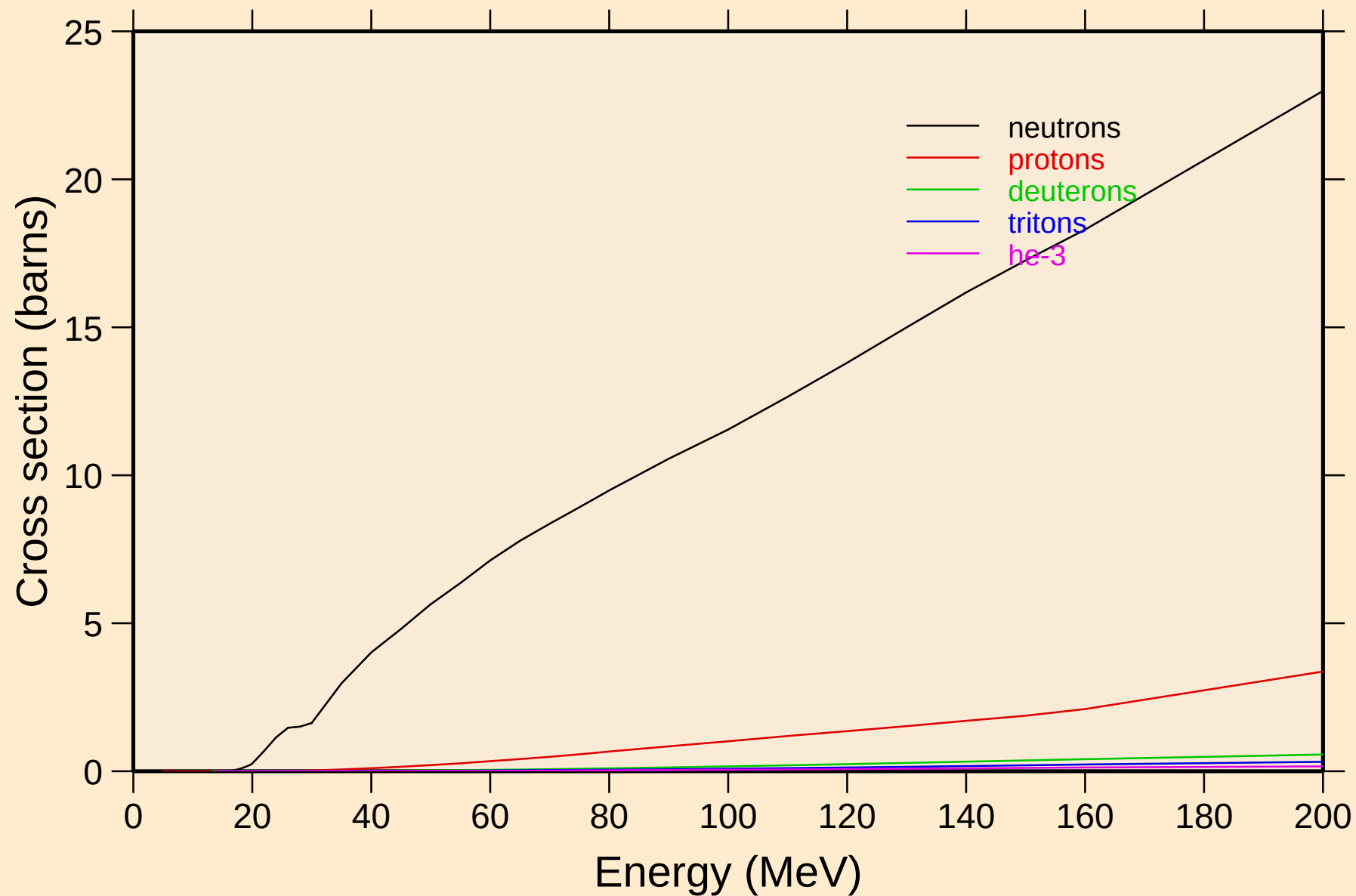
HO159 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Recoil Heating

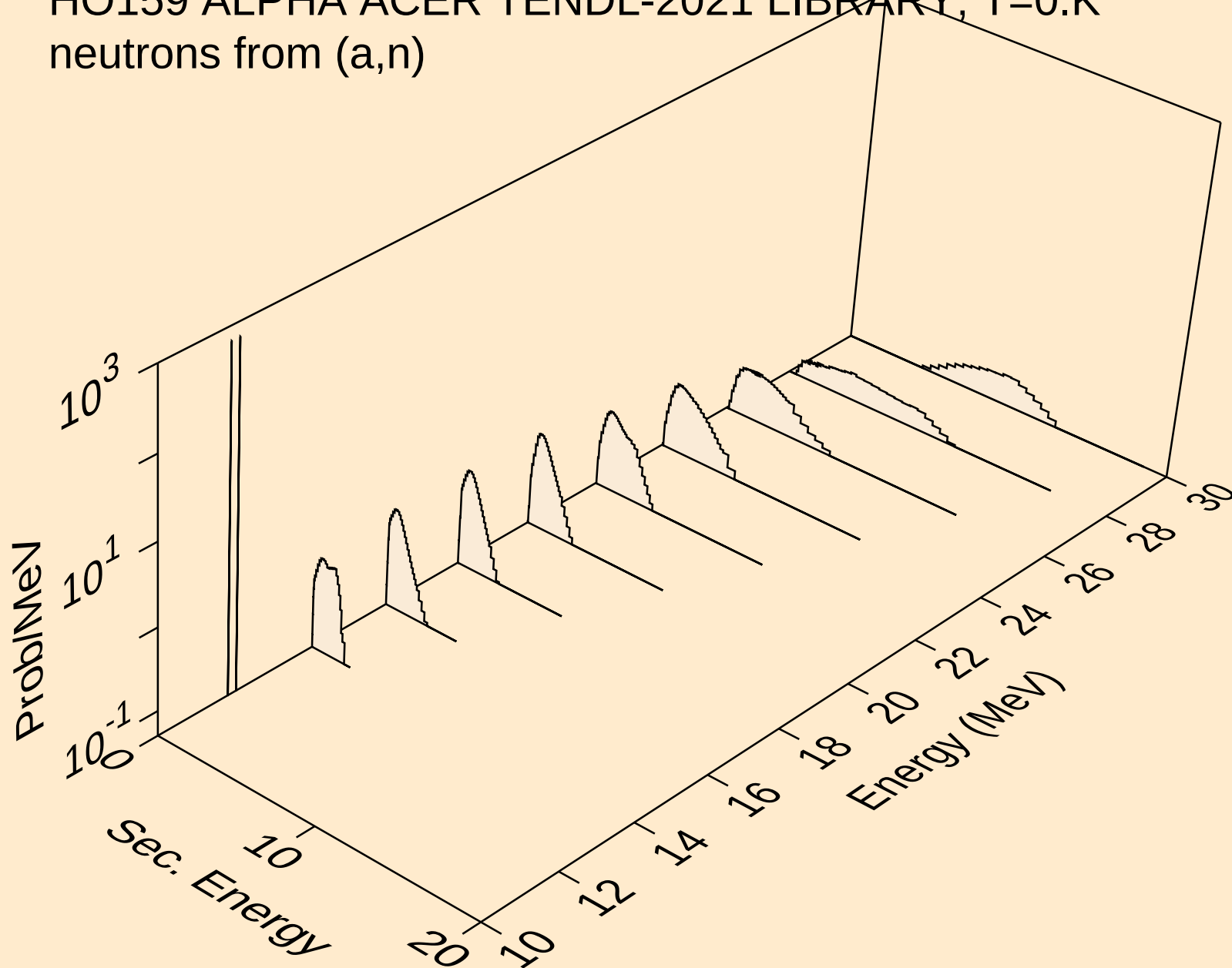


HO159 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

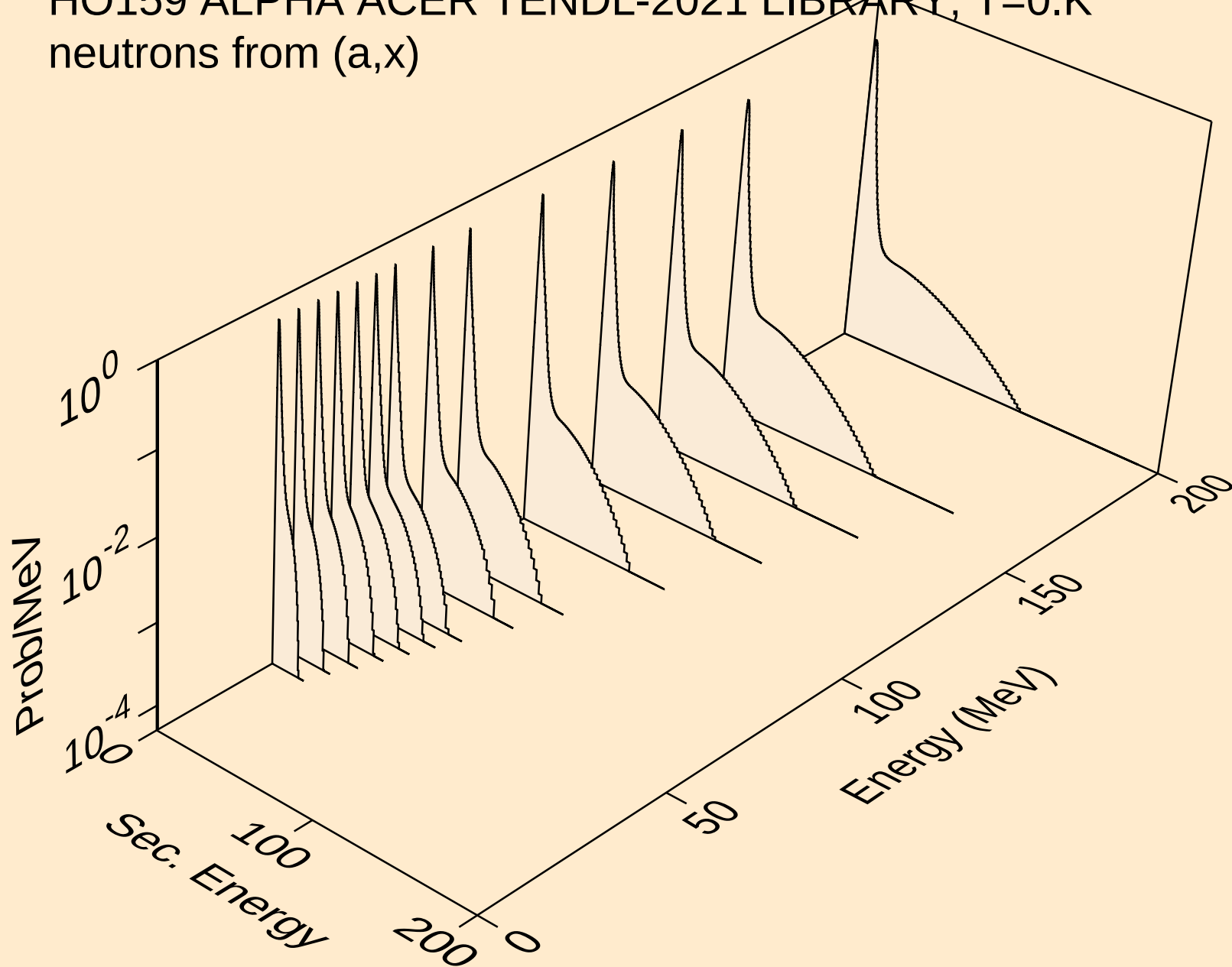
Particle production cross sections



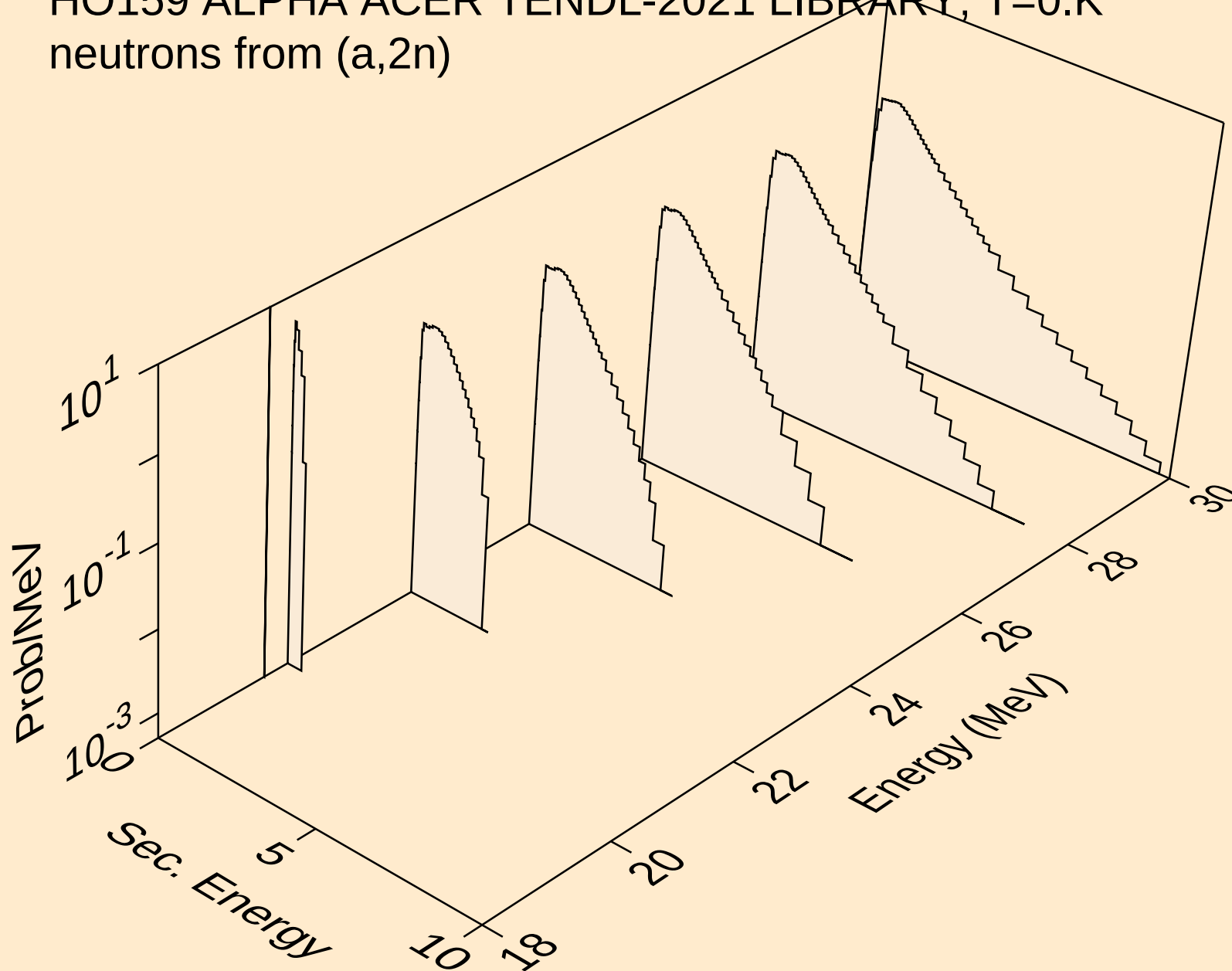
HO159 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,n)



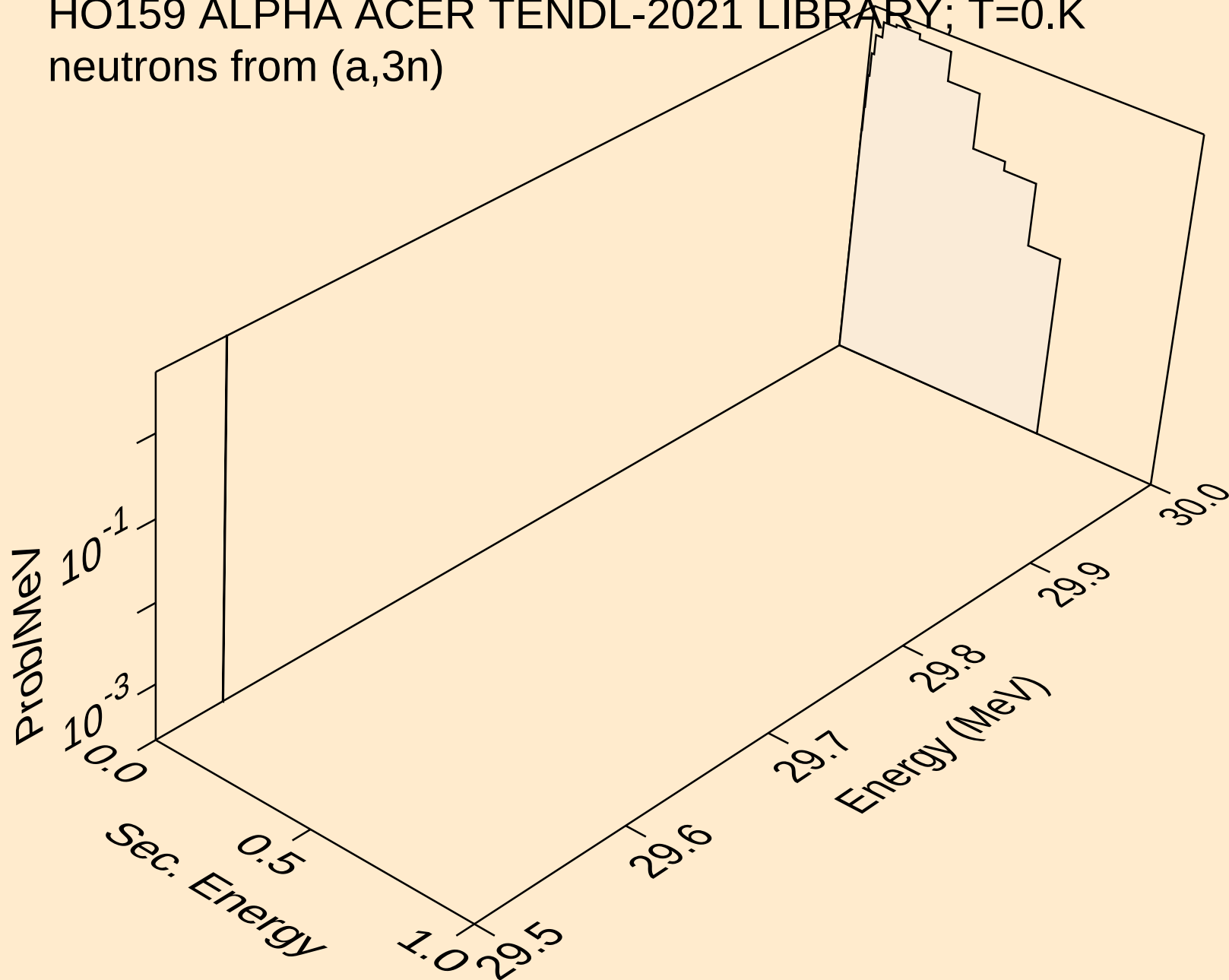
HO159 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,x)



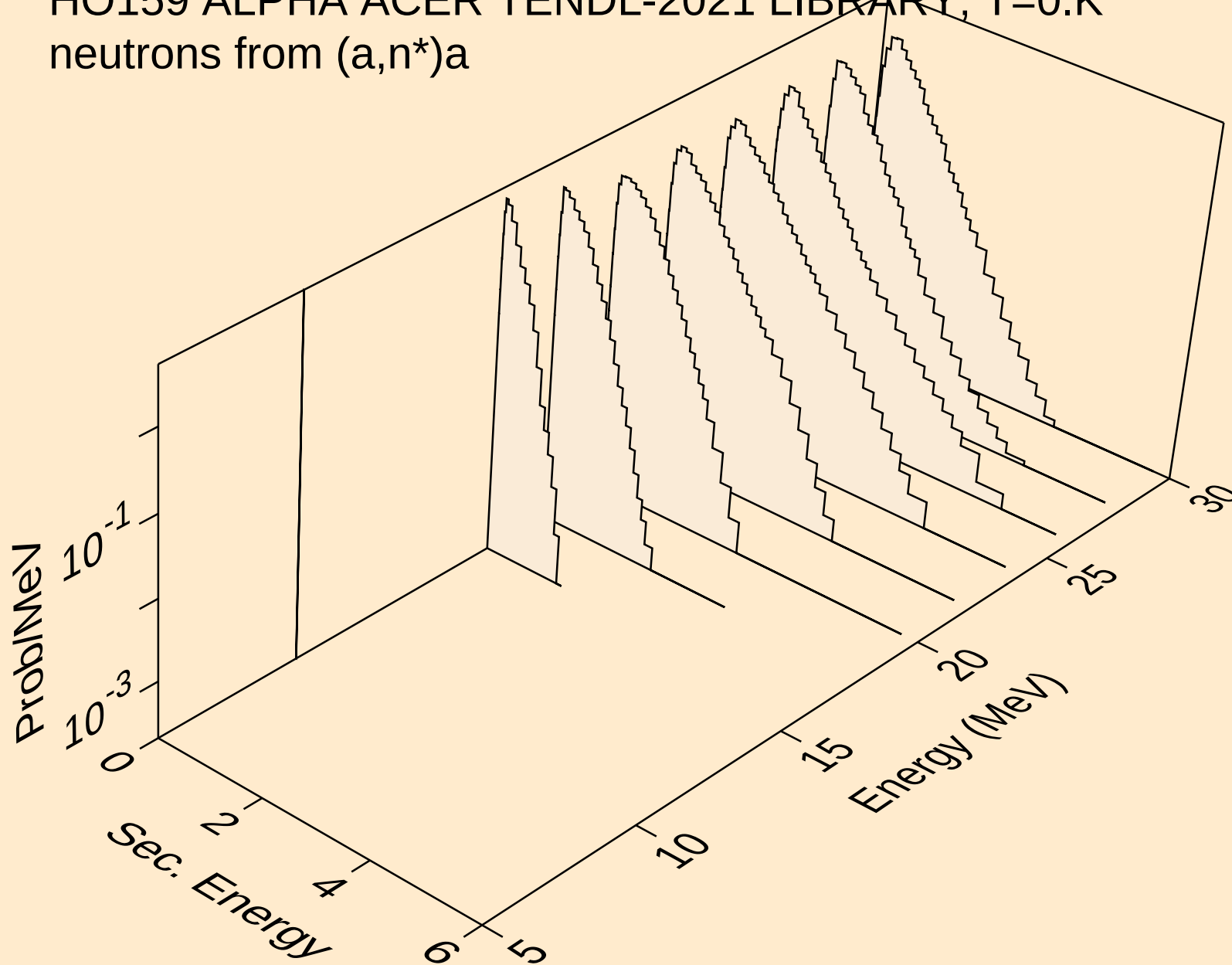
HO159 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,2n)



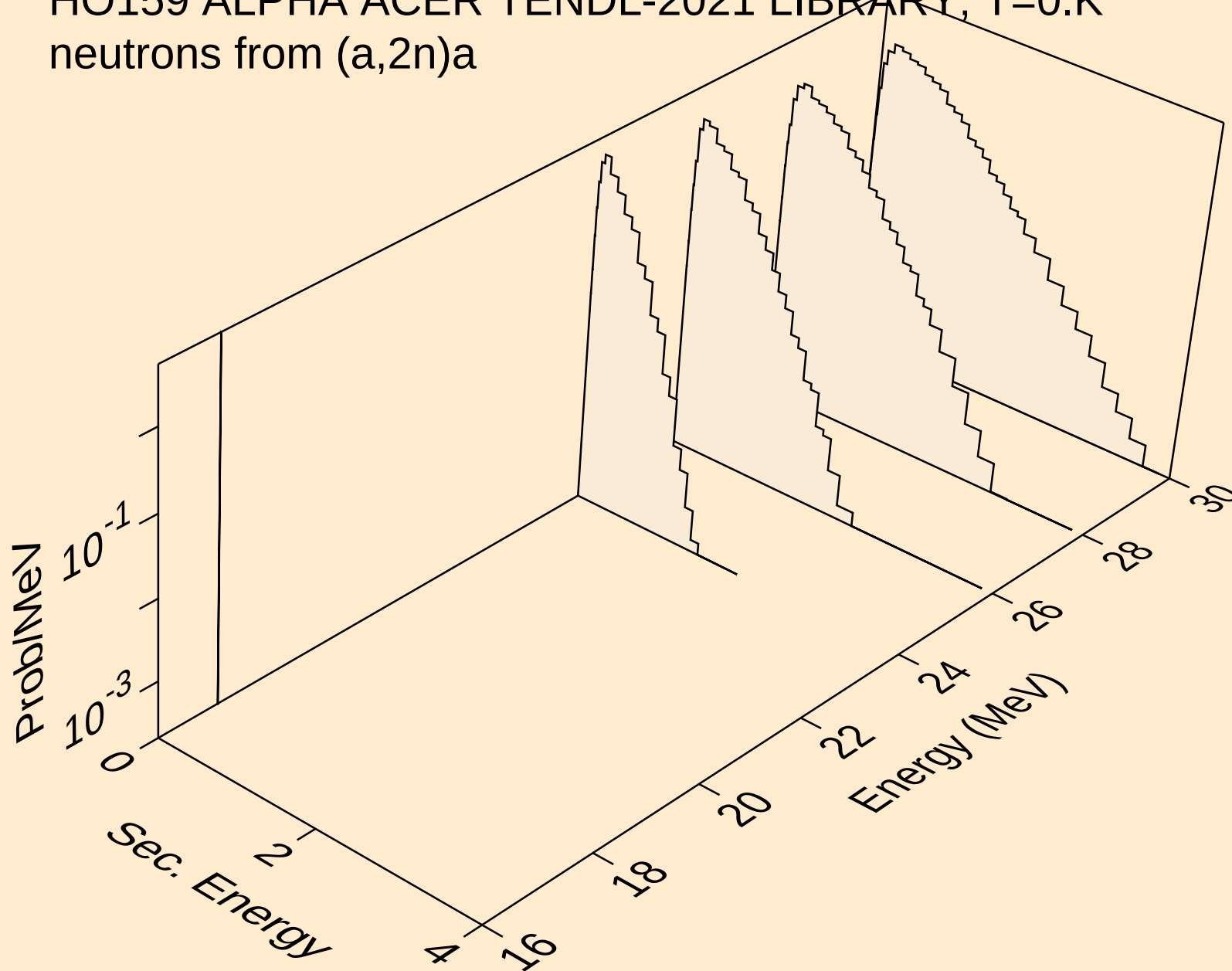
HO159 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,3n)



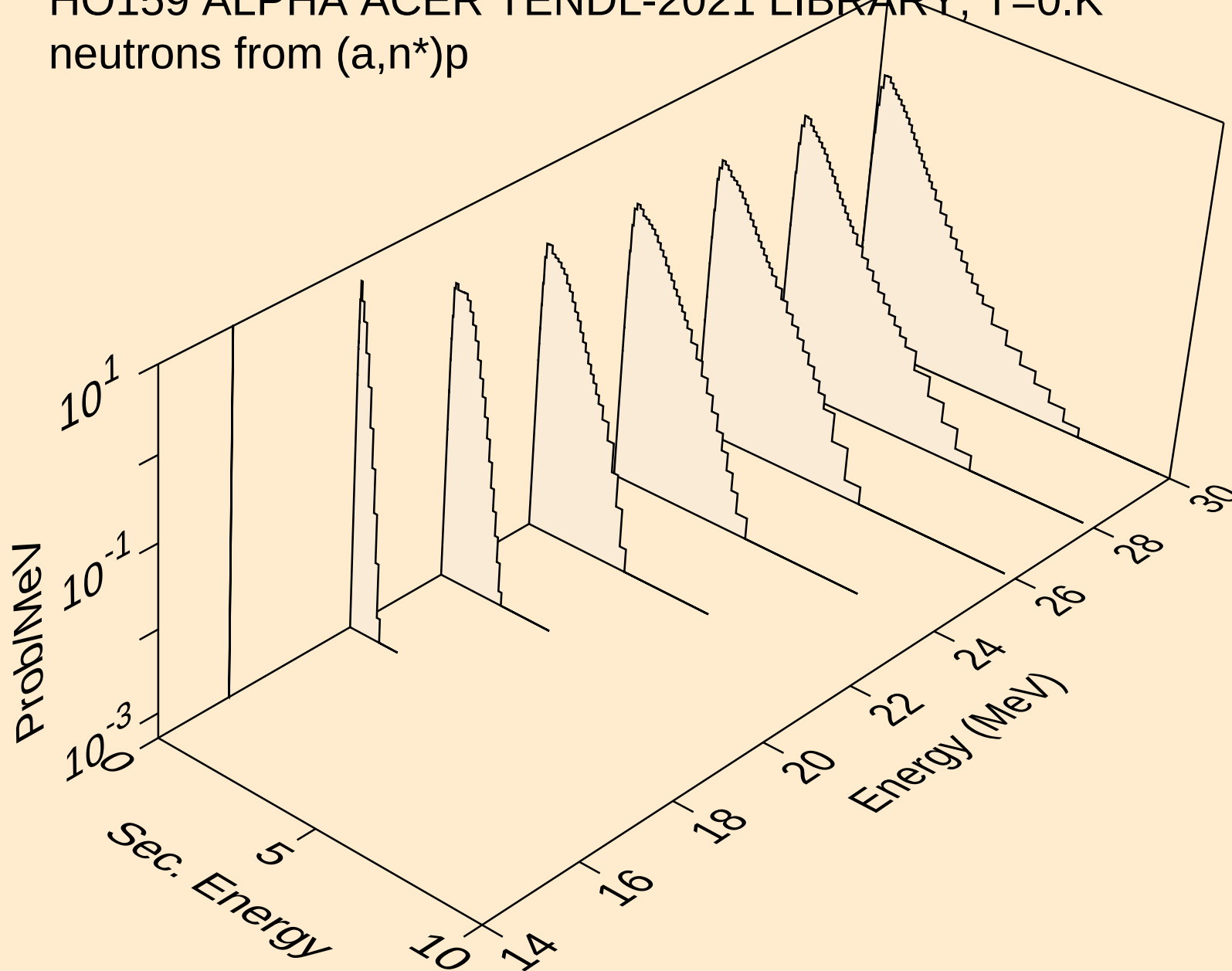
HO159 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,n*)a



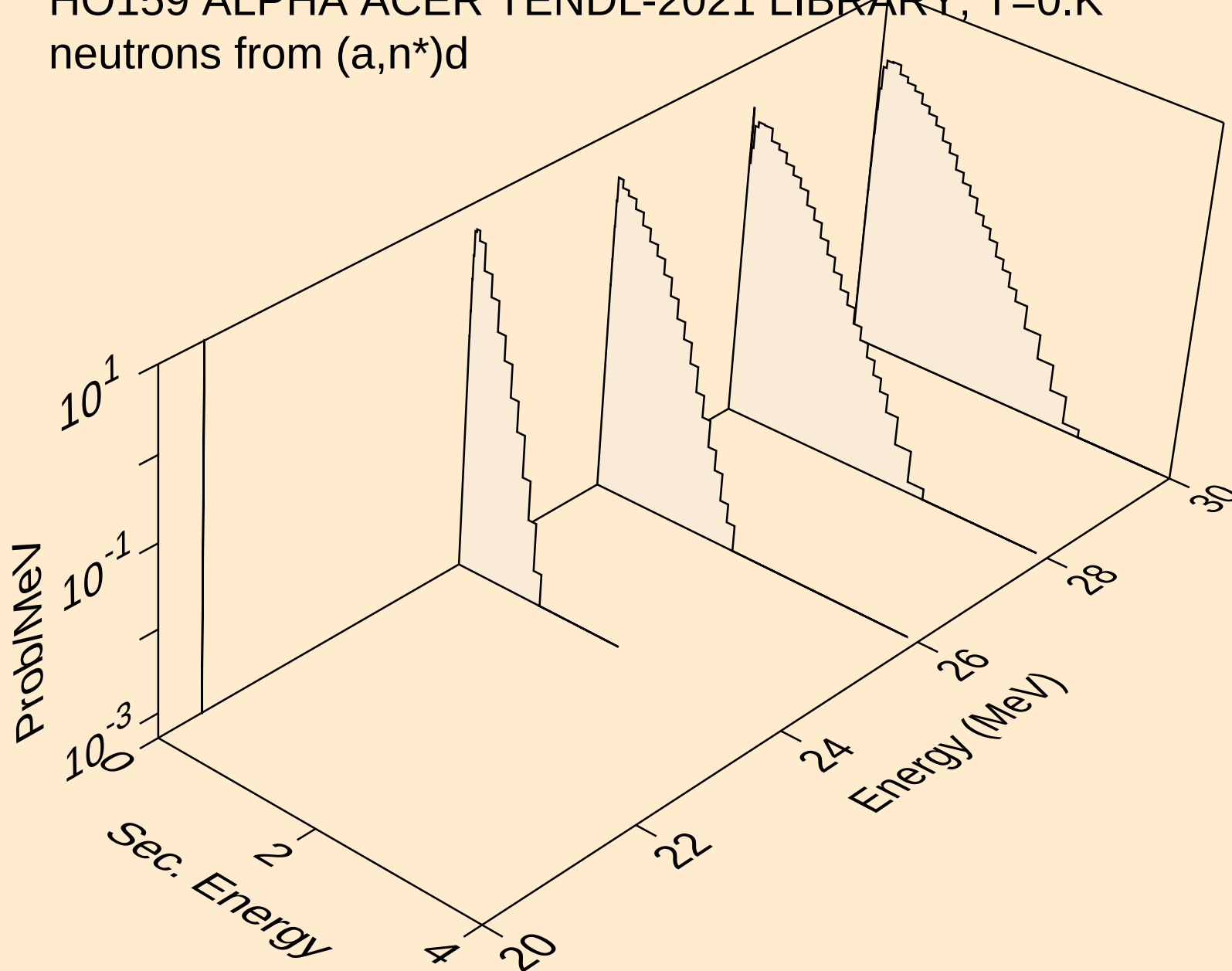
HO159 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,2n)a



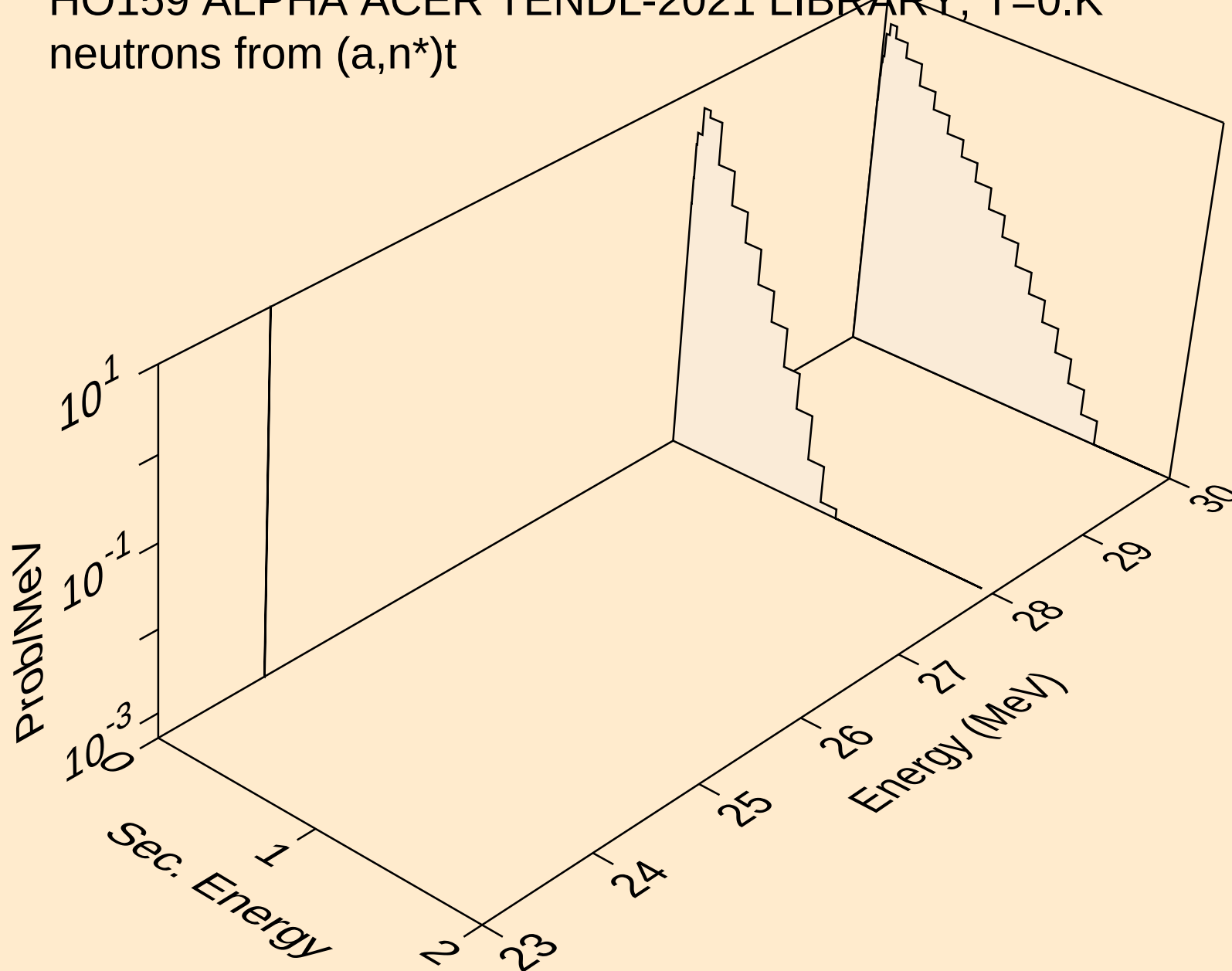
HO159 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,n*)p



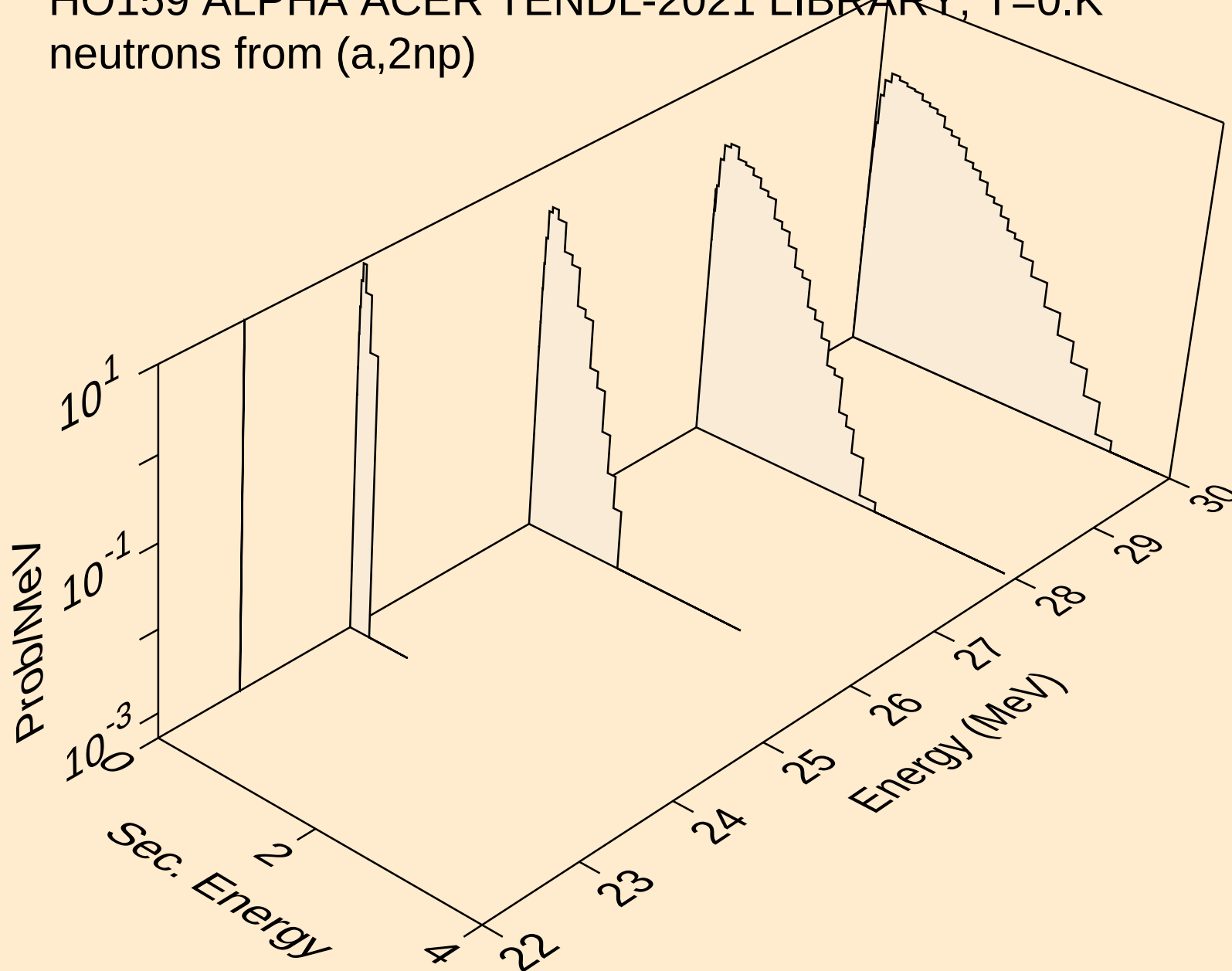
HO159 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,n*)d



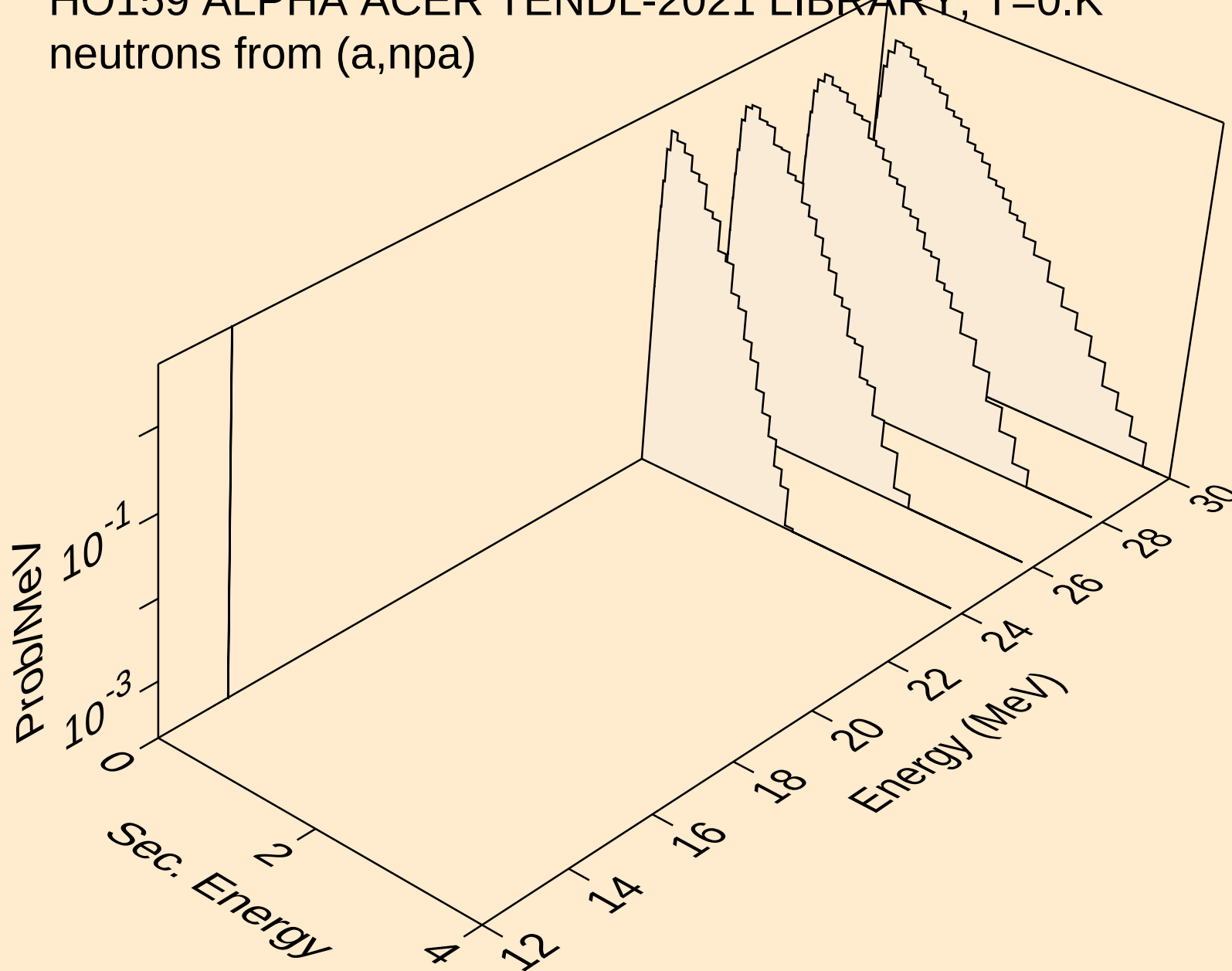
HO159 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,n*)t



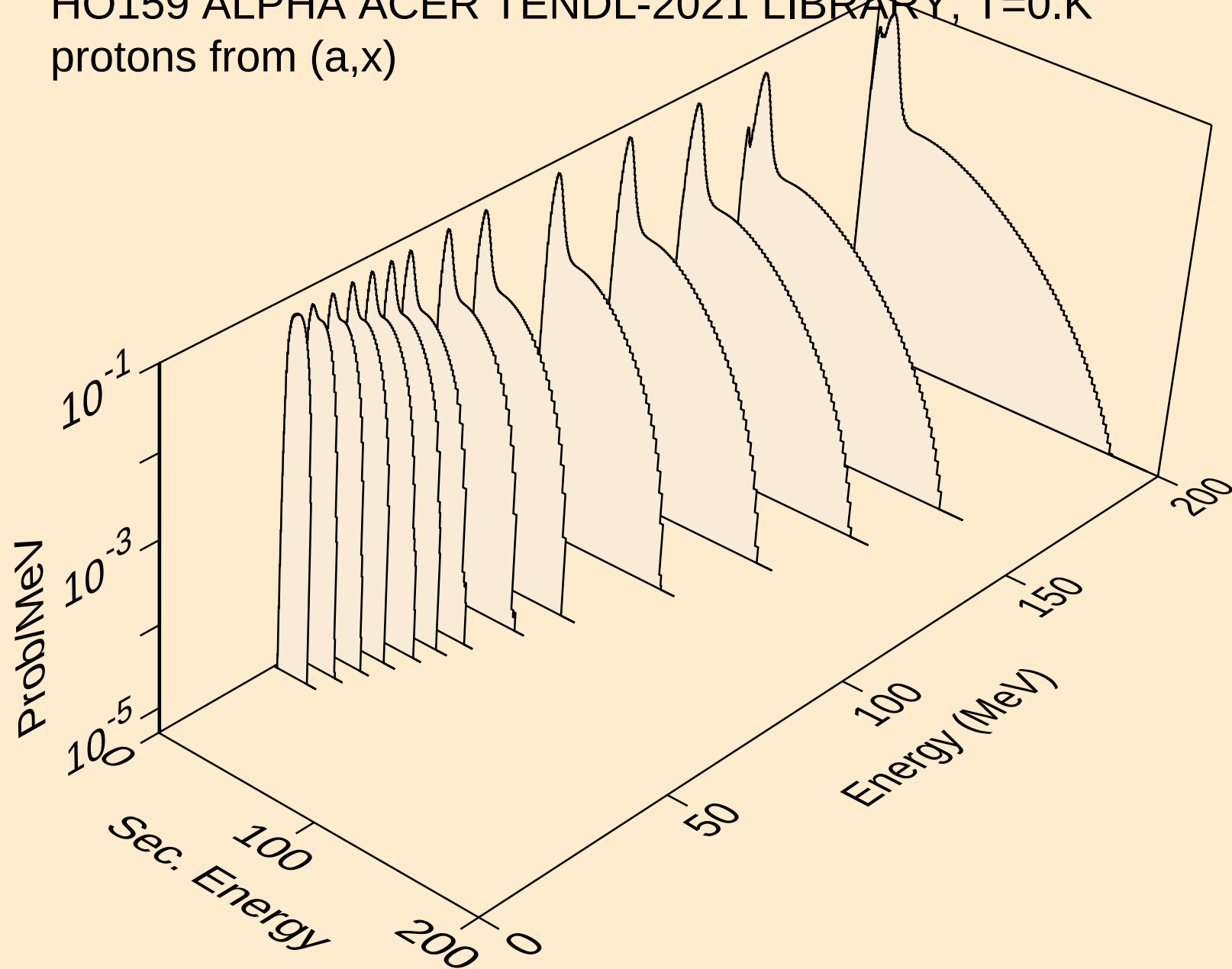
HO159 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,2np)



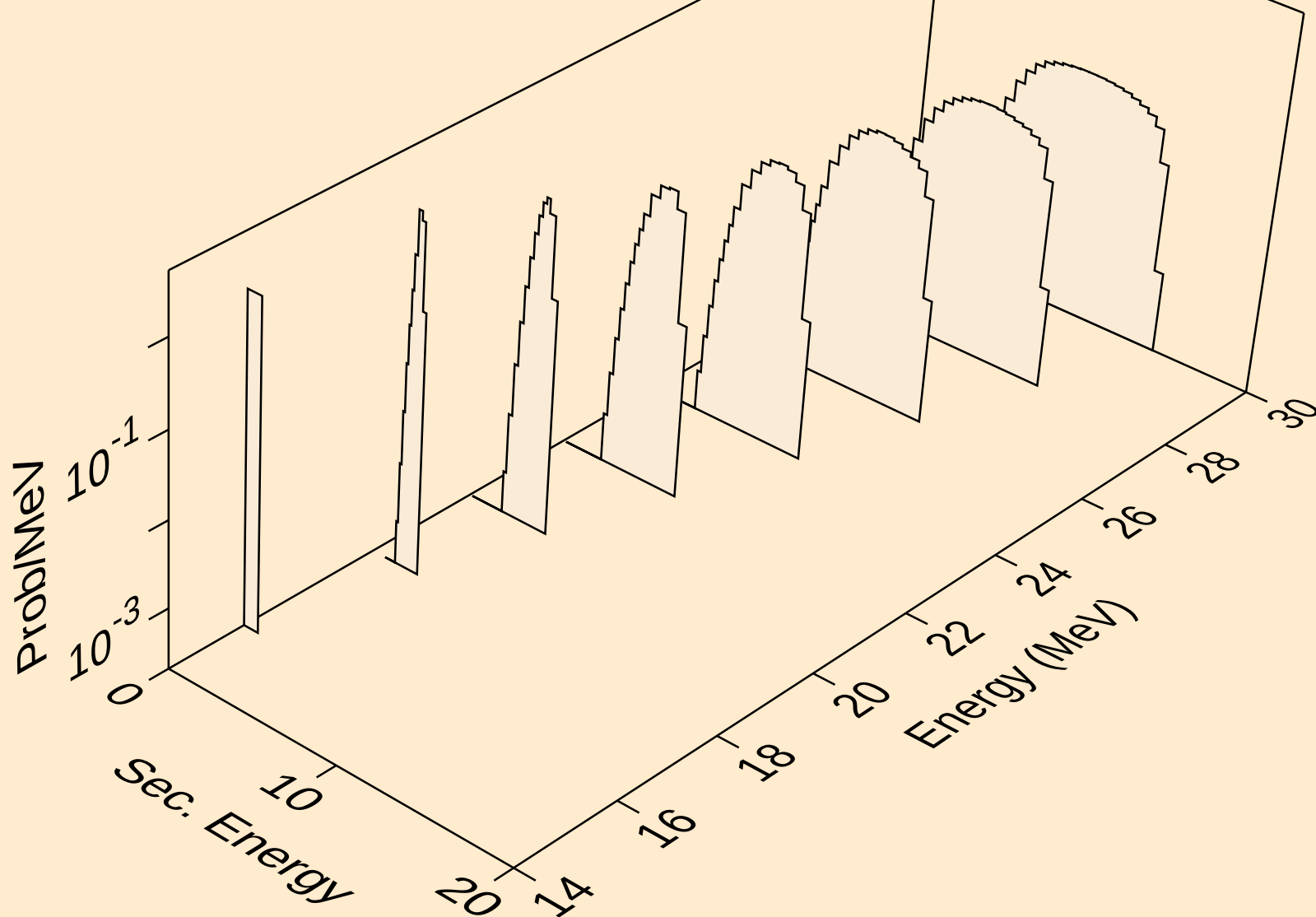
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neutrons from (a,npa)



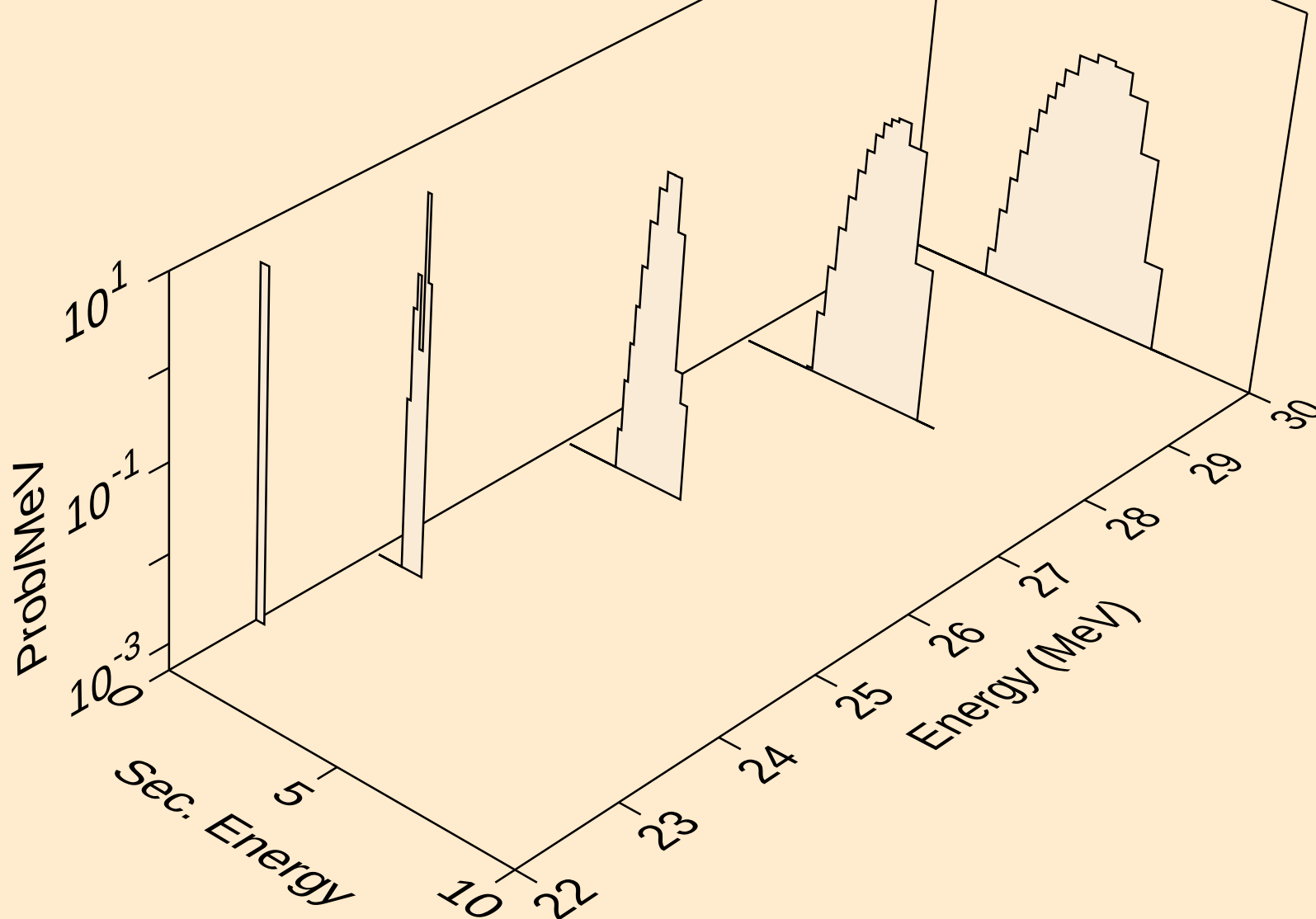
HO159 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
protons from (a,x)



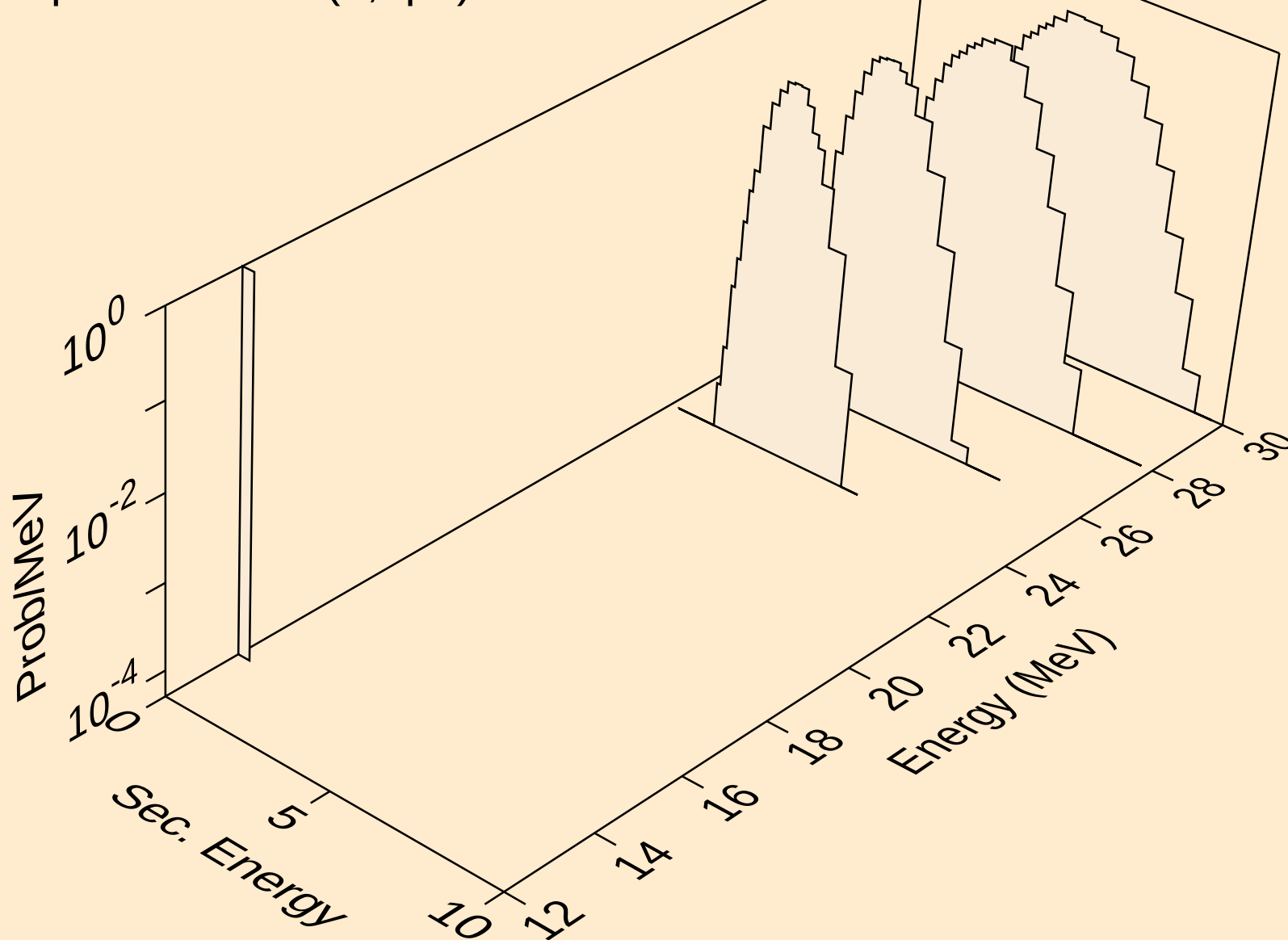
HO159 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
protons from (a,n*)p



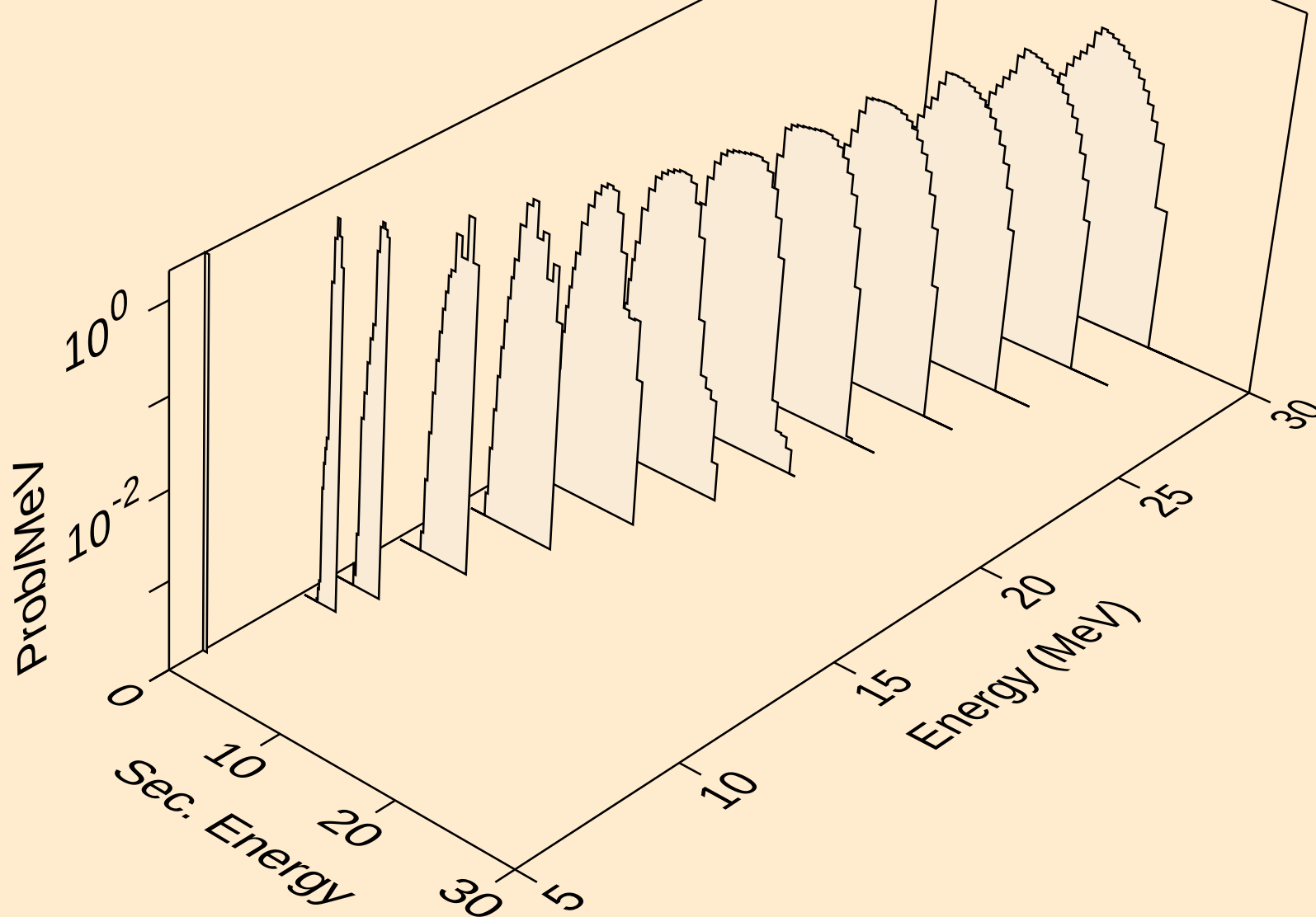
HO159 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
protons from (a,2np)



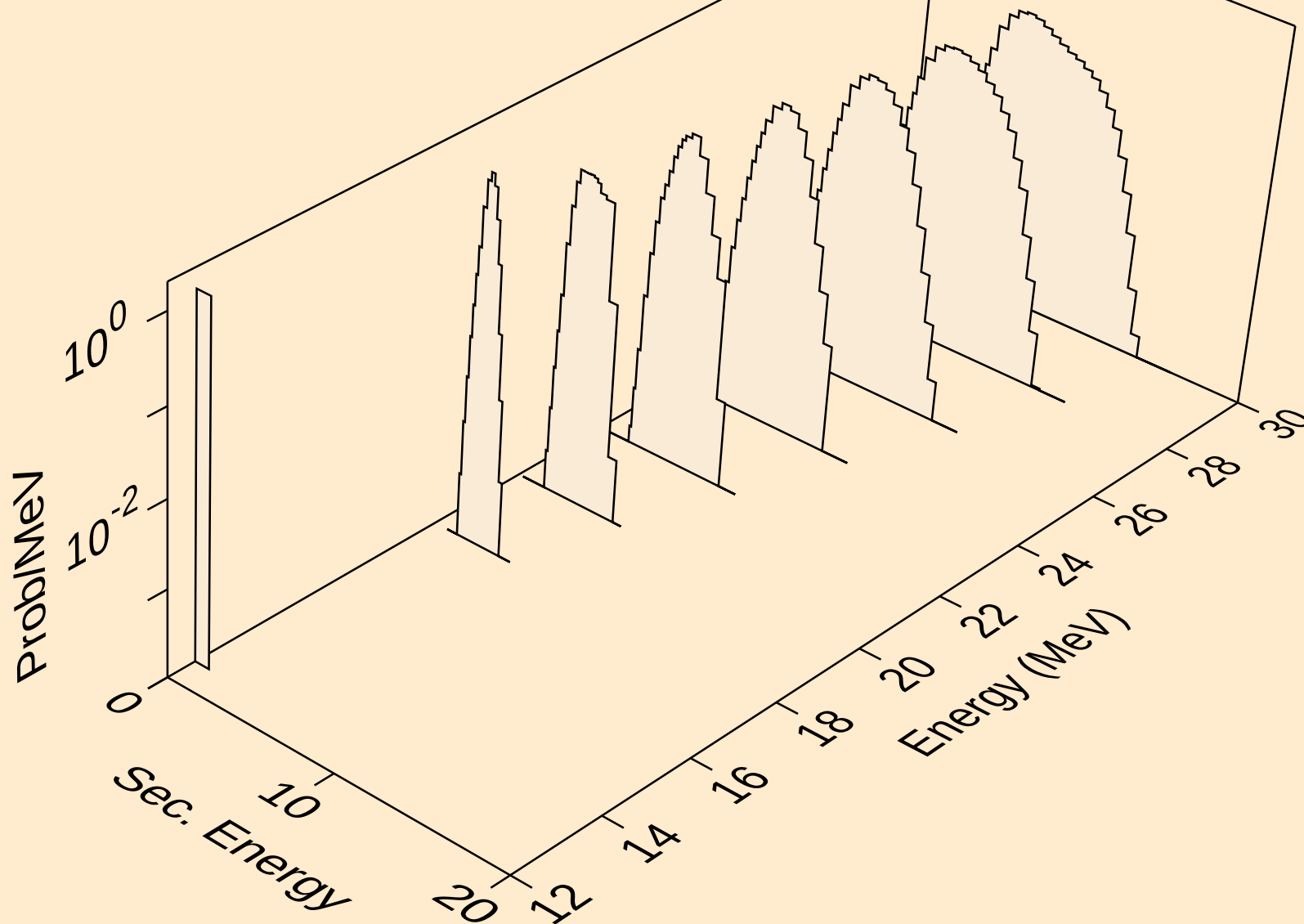
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protons from (a,npa)



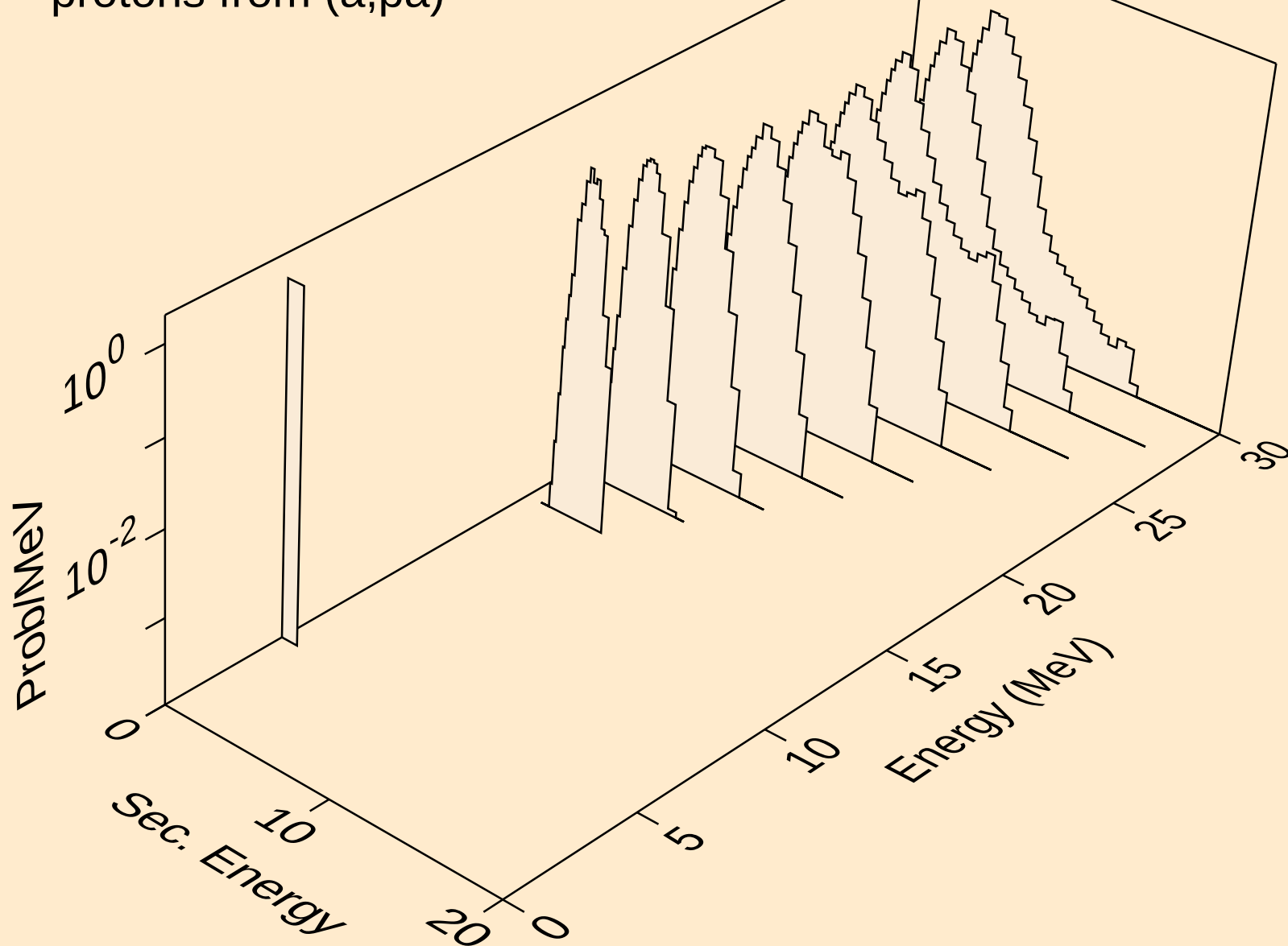
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protons from (a,p)



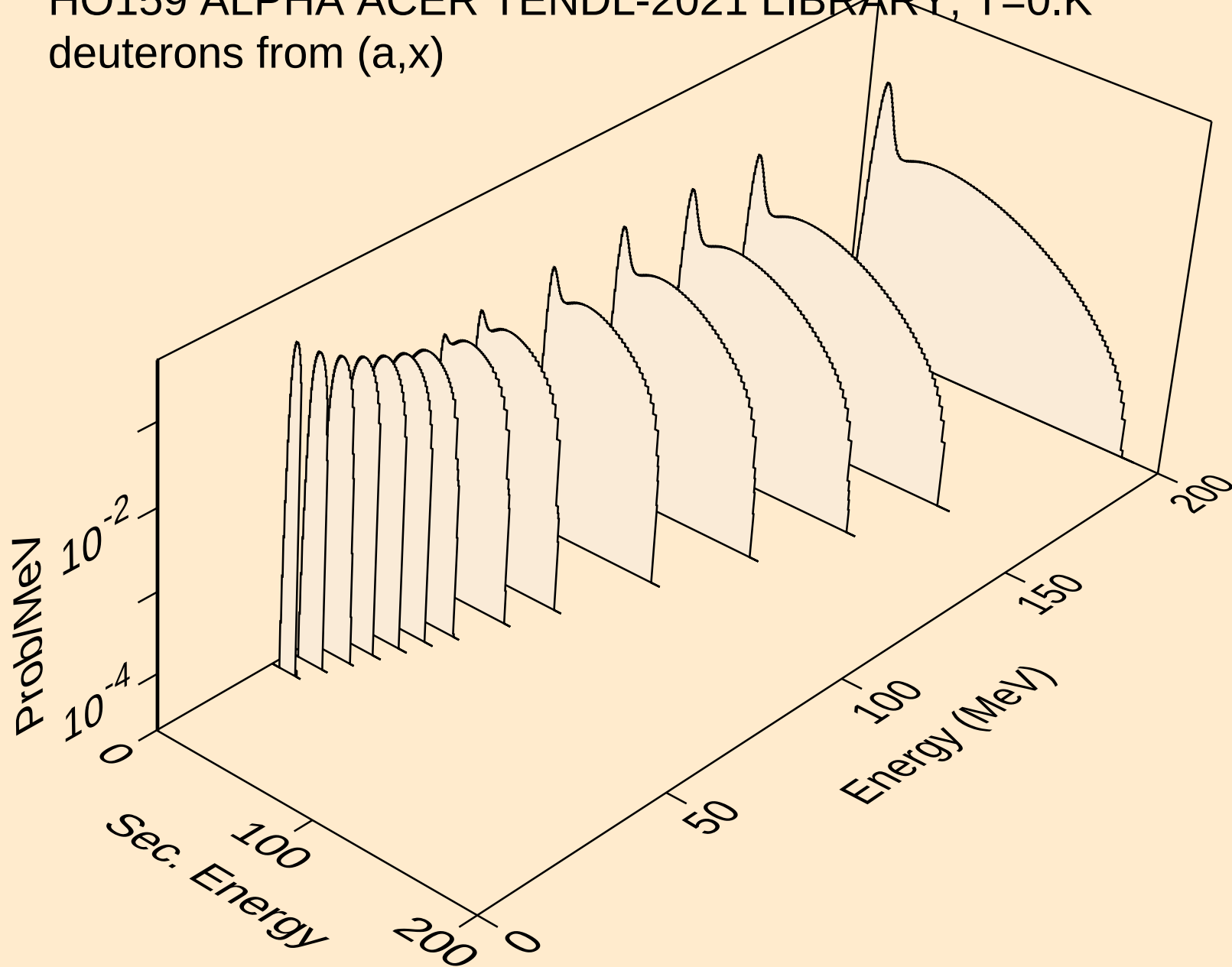
HO159 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
protons from (a,2p)



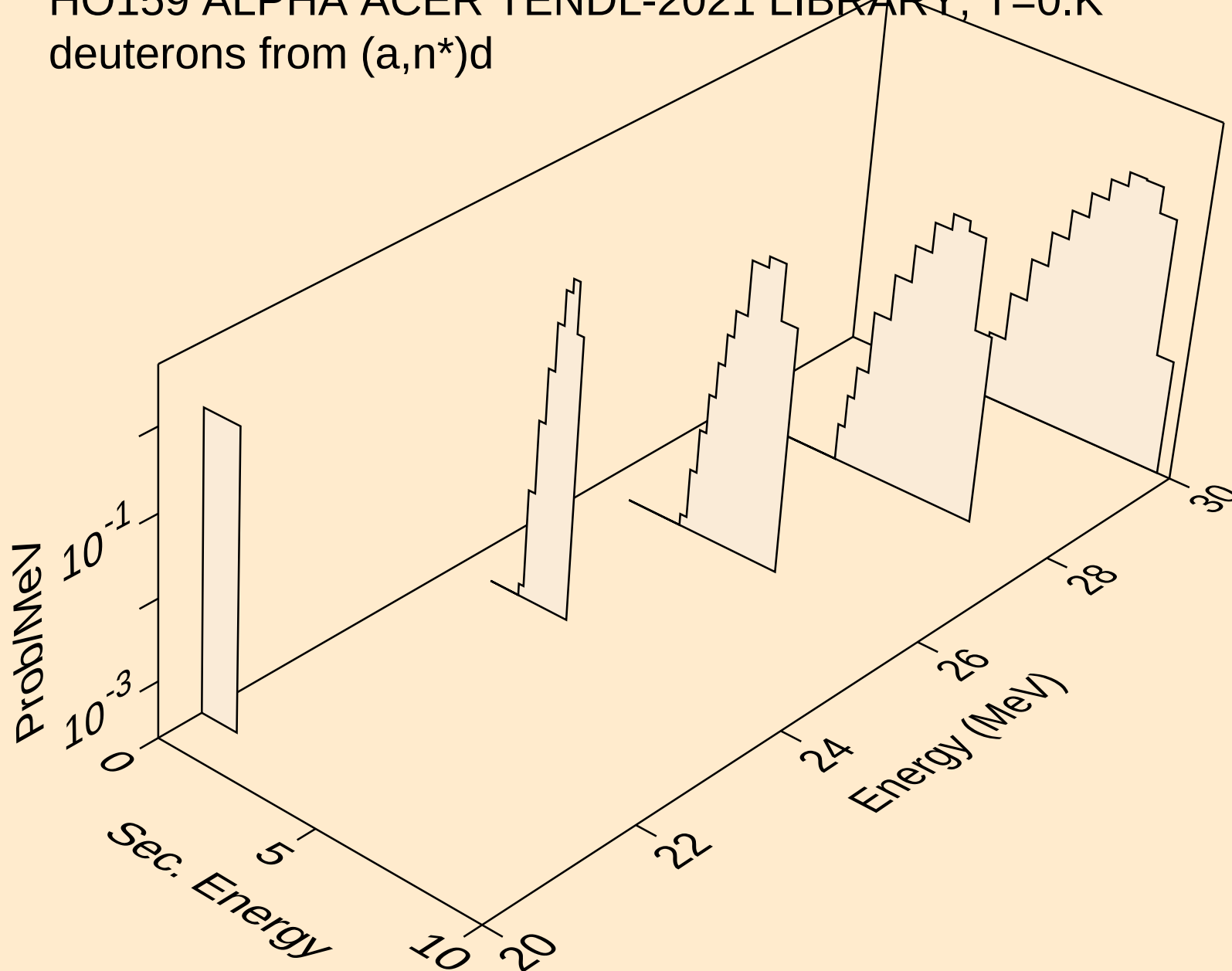
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protons from (a,pa)



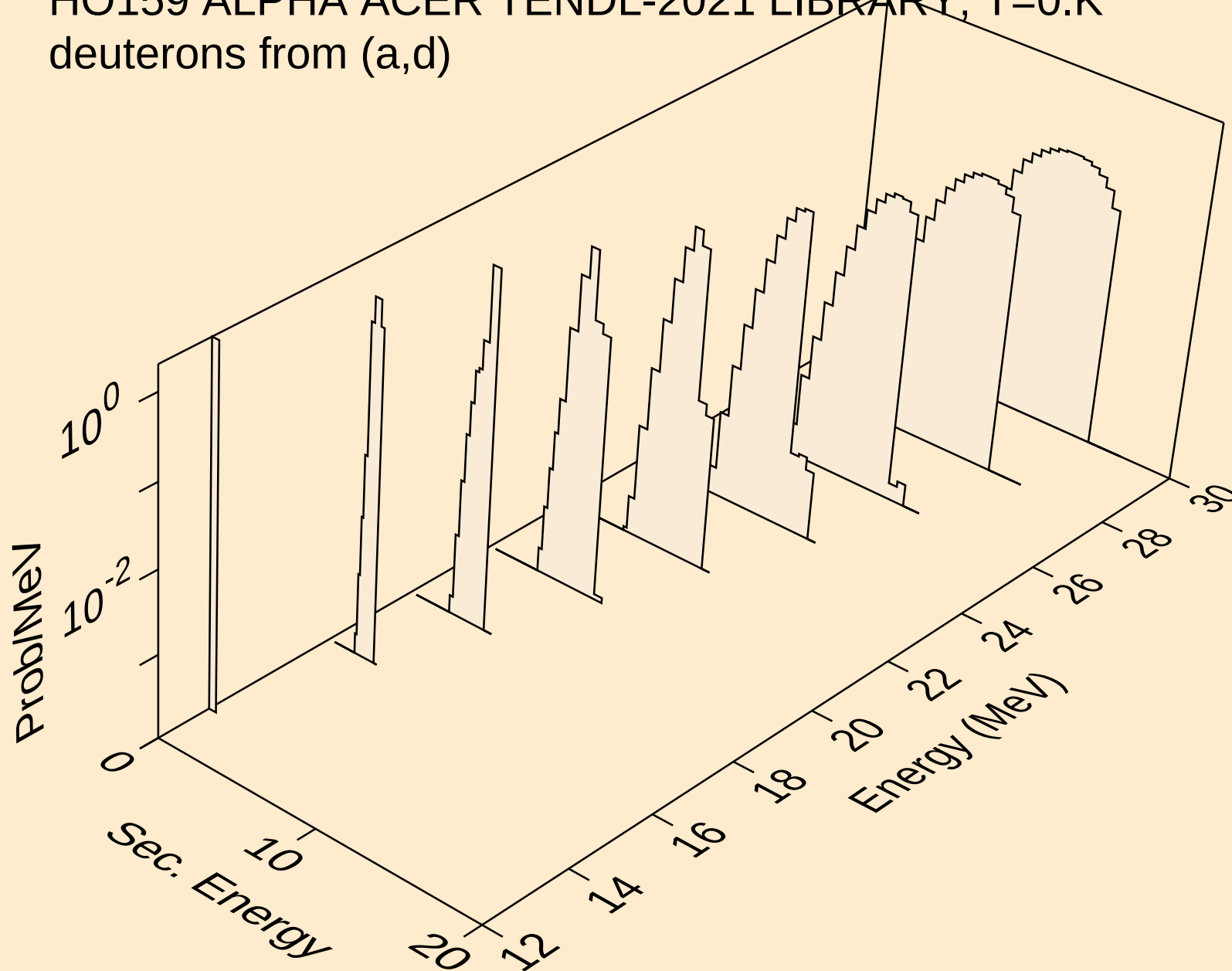
HO159 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
deuterons from (a,x)



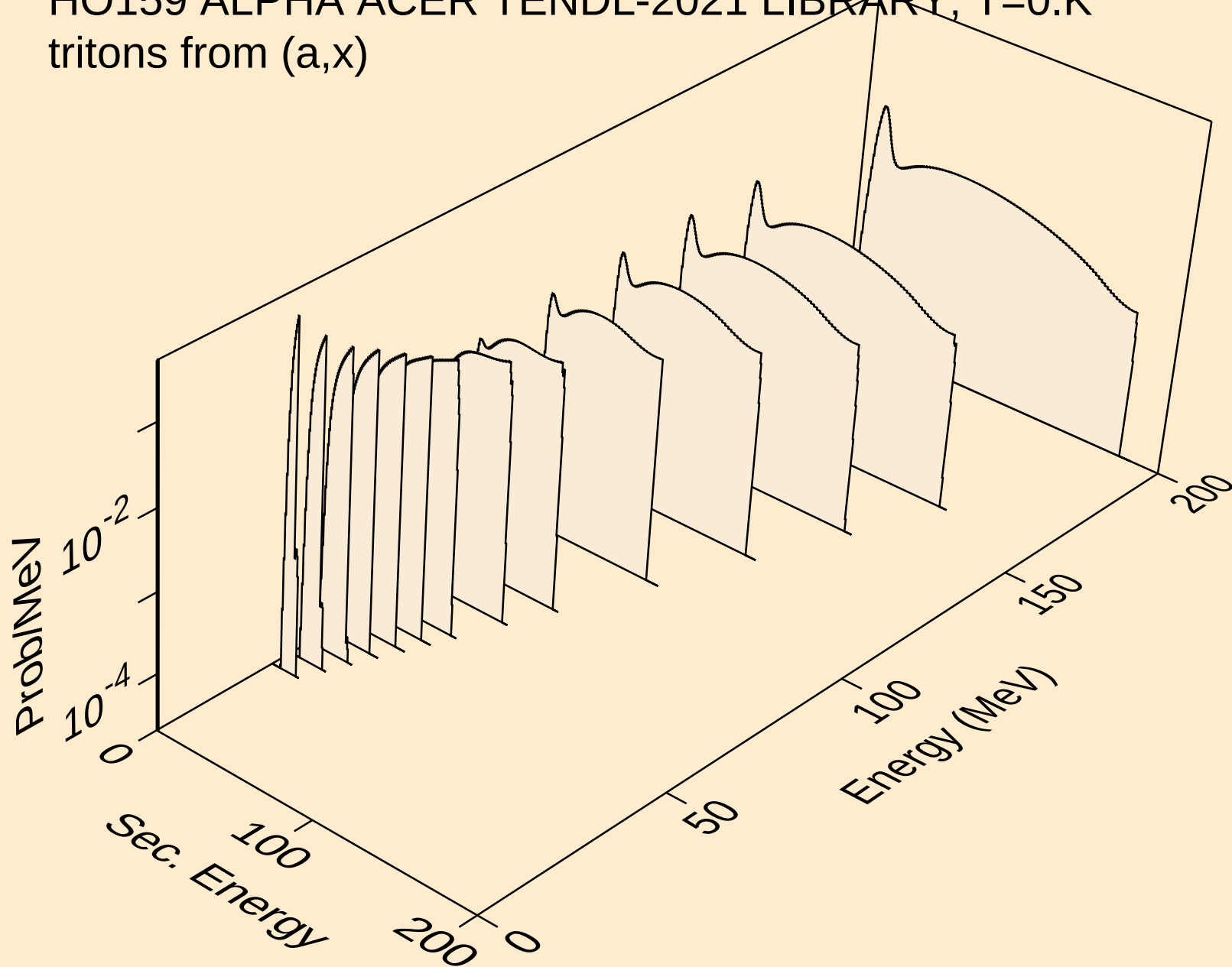
HO159 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
deuterons from (a,n*)d



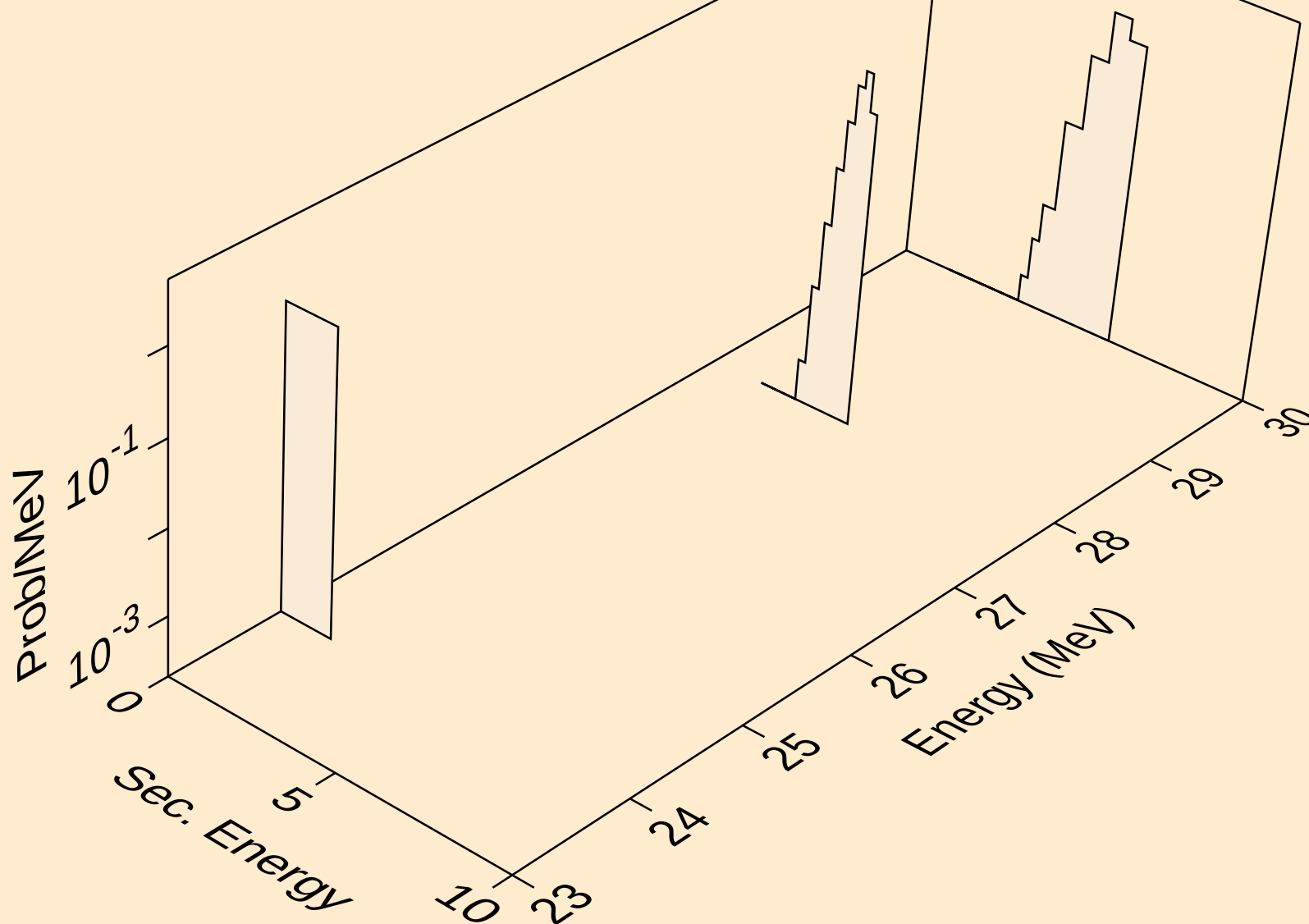
HO159 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
deuterons from (a,d)



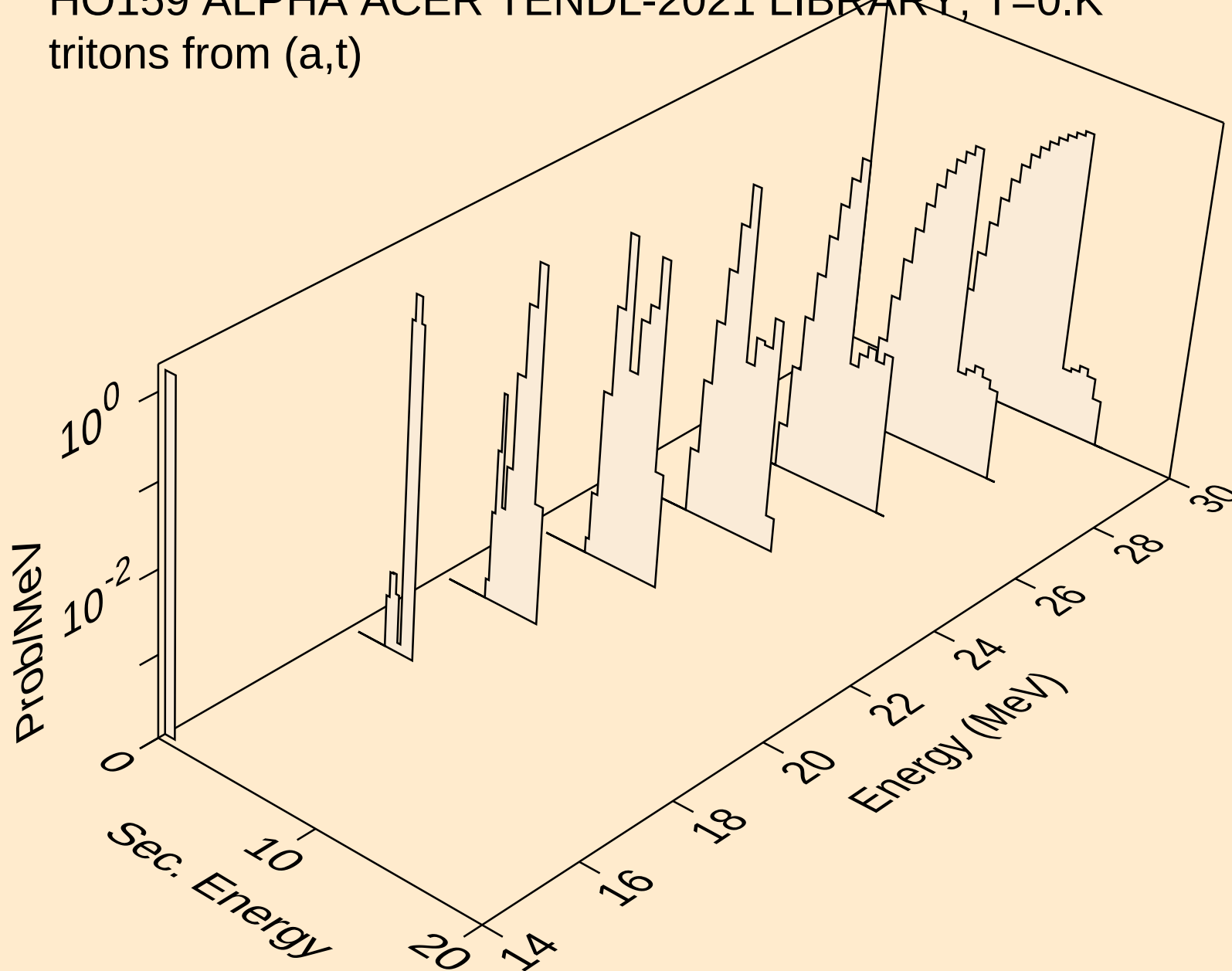
HO159 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
tritons from (a,x)



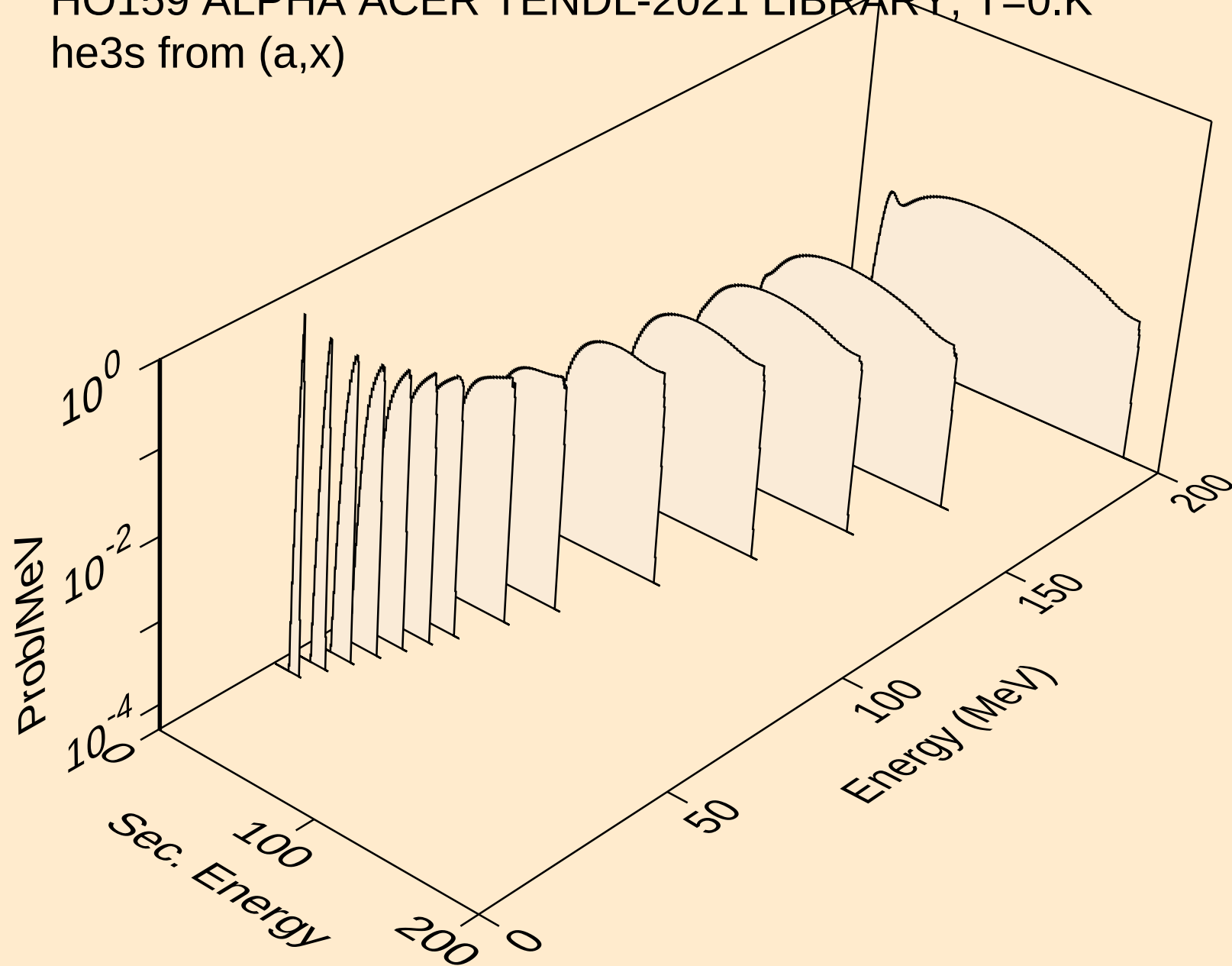
HO159 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
tritons from (a,n*)t



HO159 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
tritons from (a,t)



HO159 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
he3s from (a,x)



HO159 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
he3s from (a,he3)

