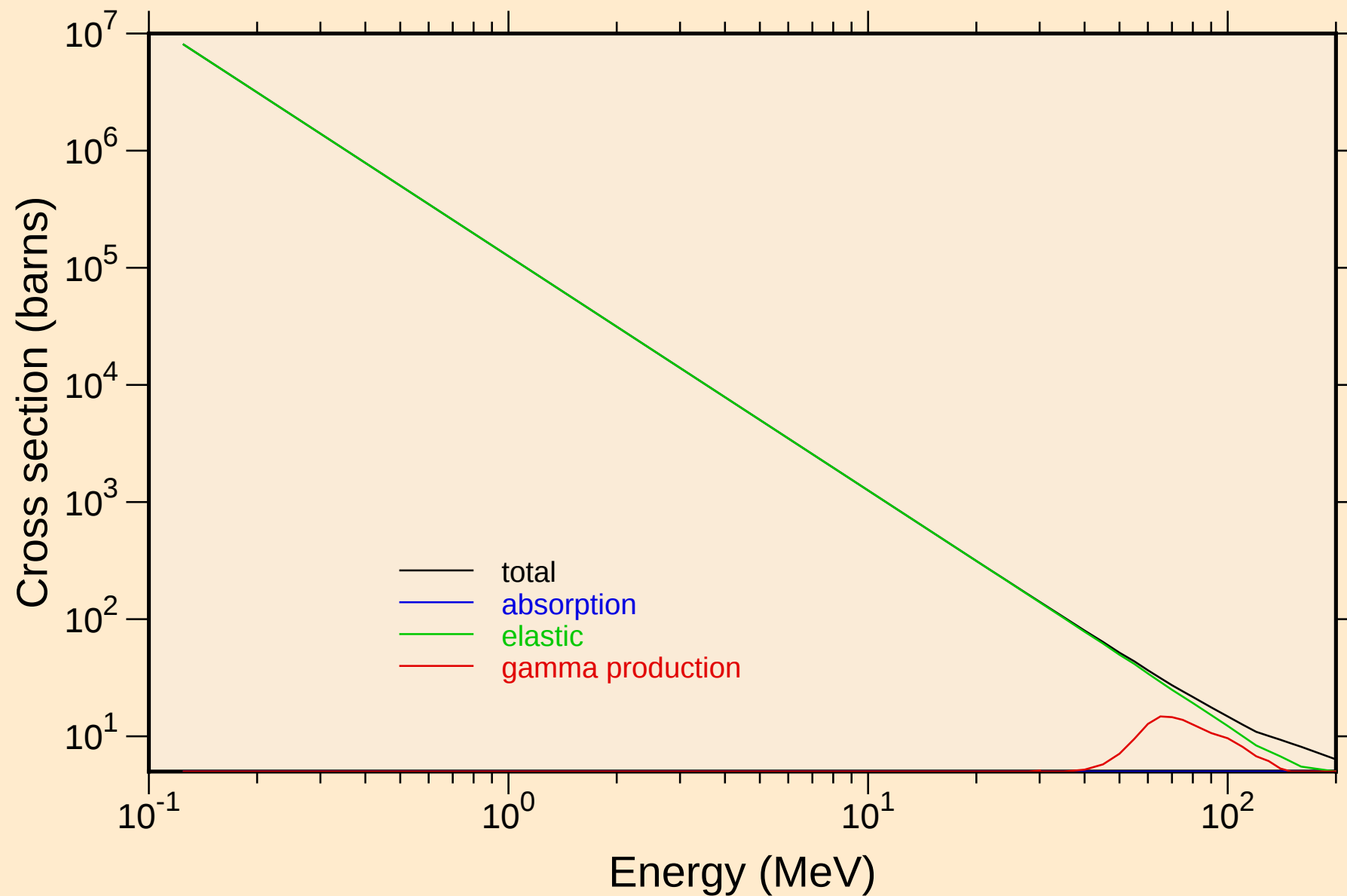


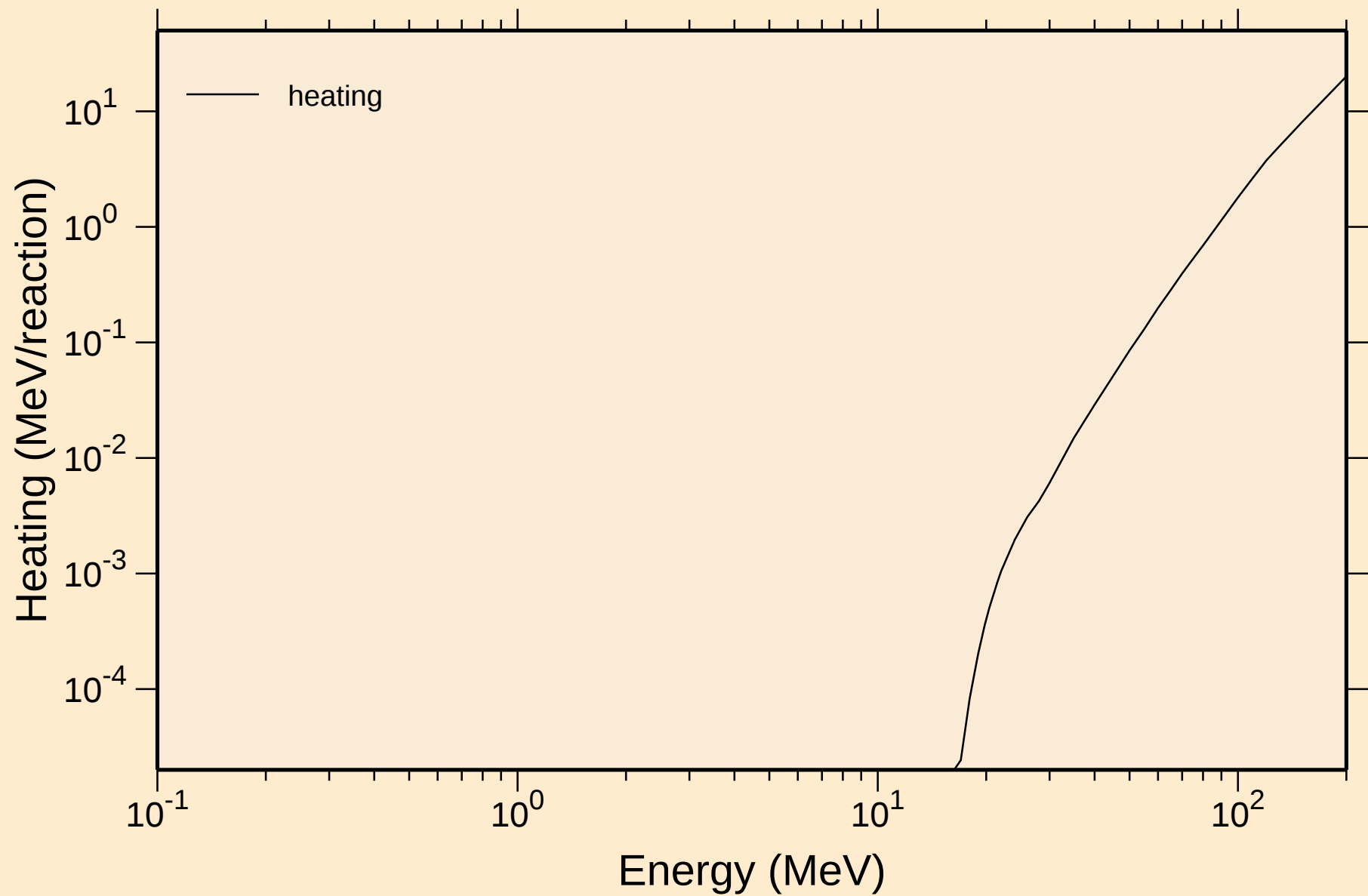
YB178 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Principal cross sections



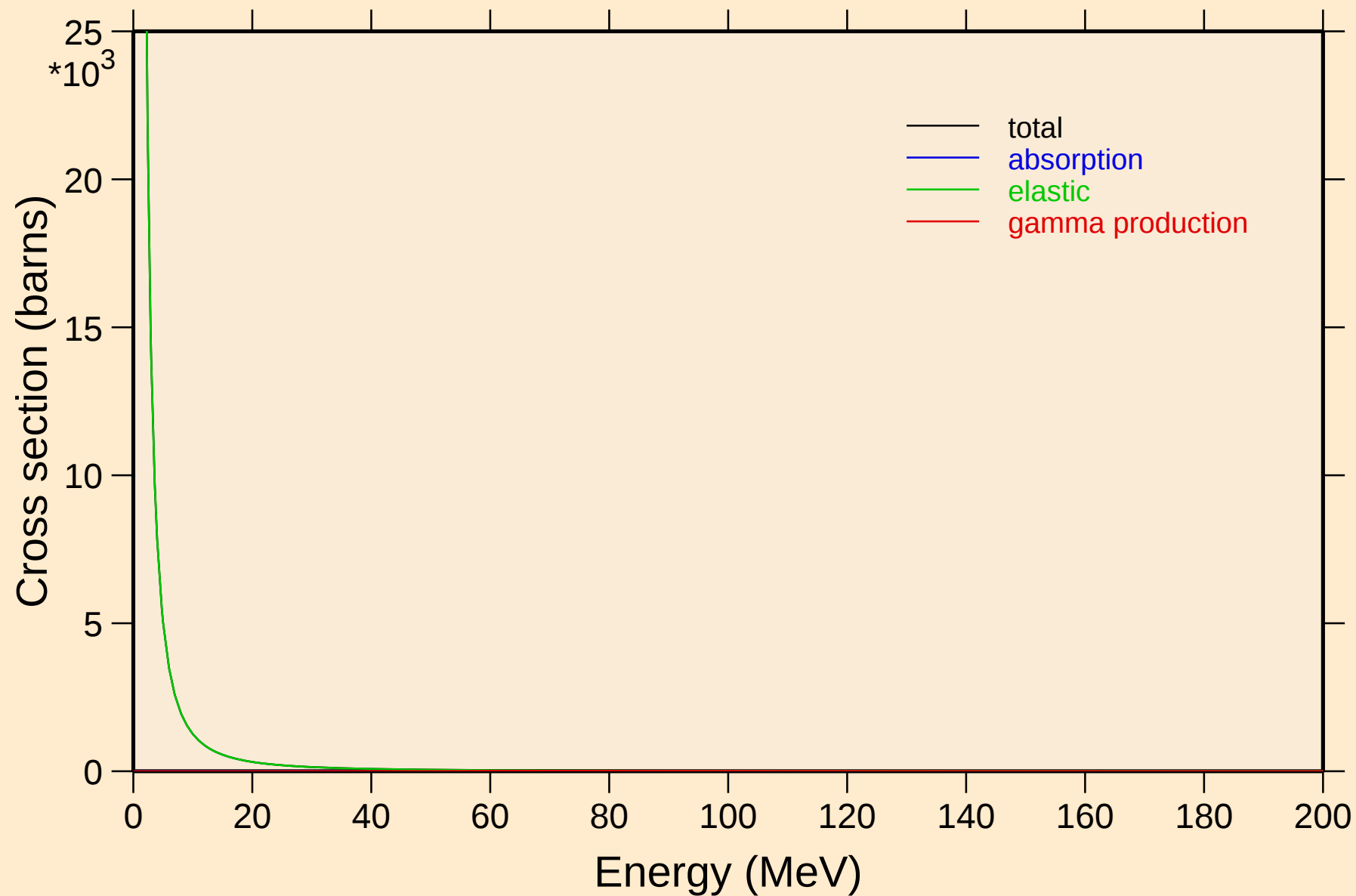
YB178 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Heating



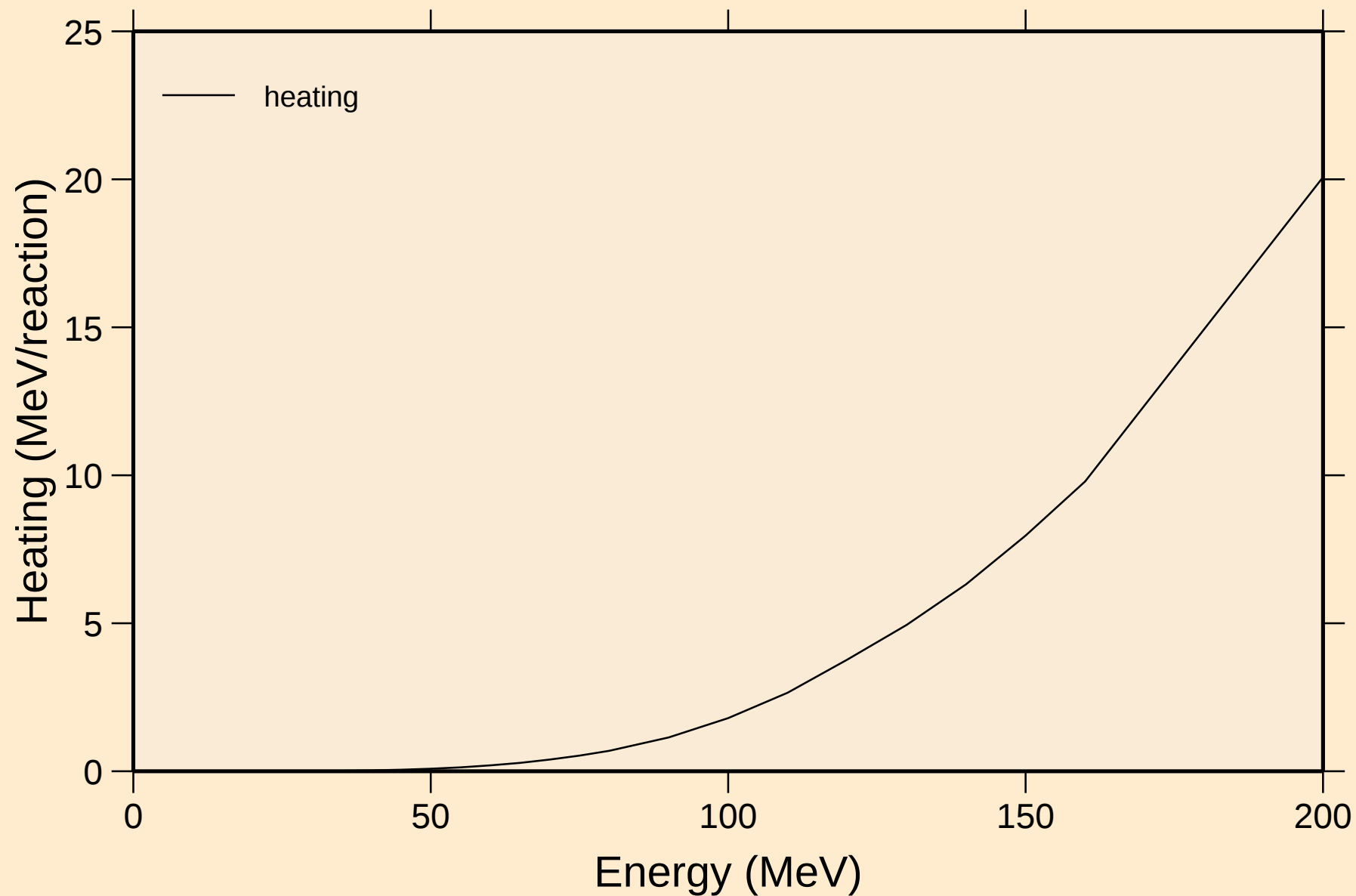
YB178 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Principal cross sections



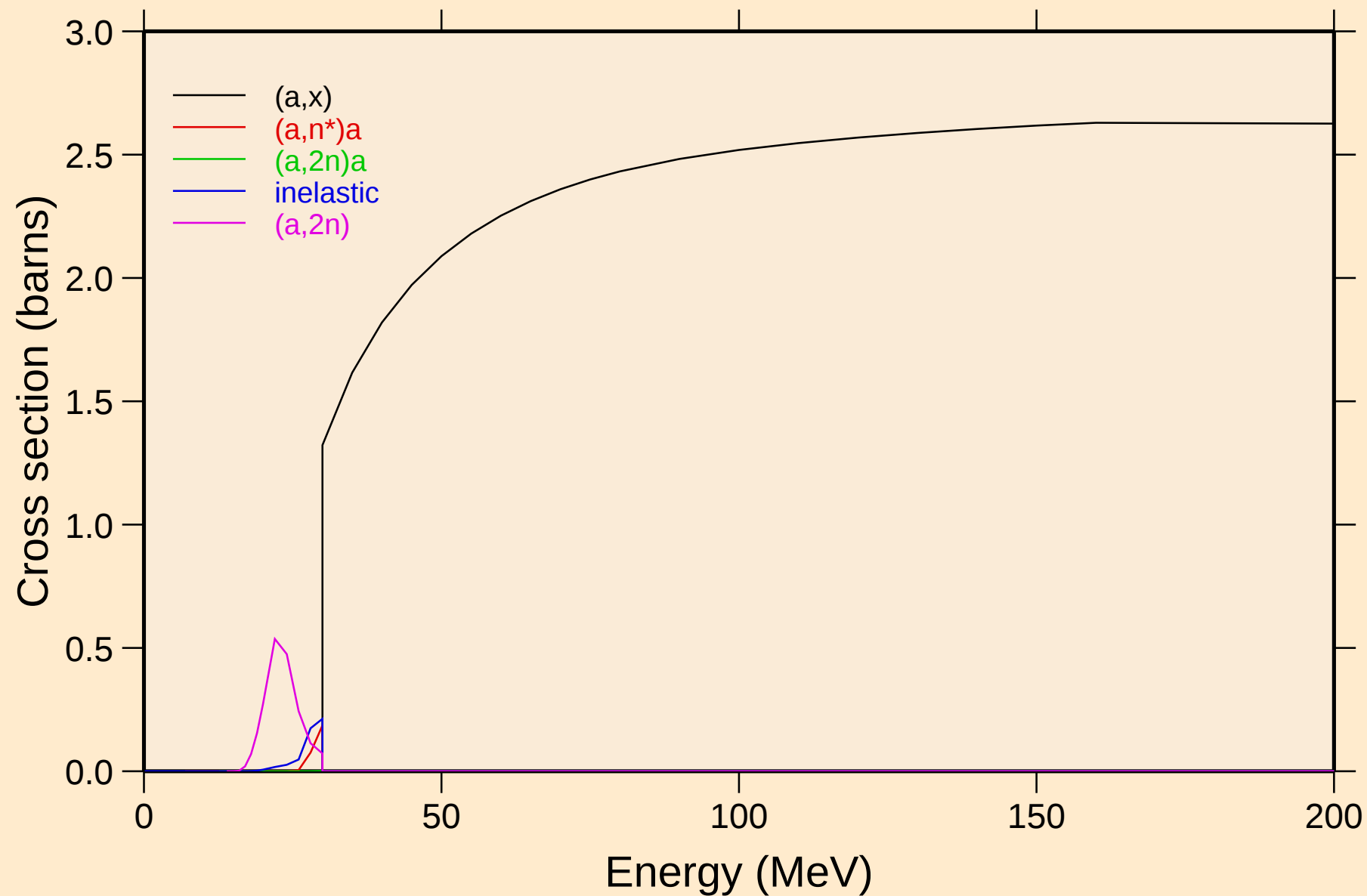
YB178 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Heating



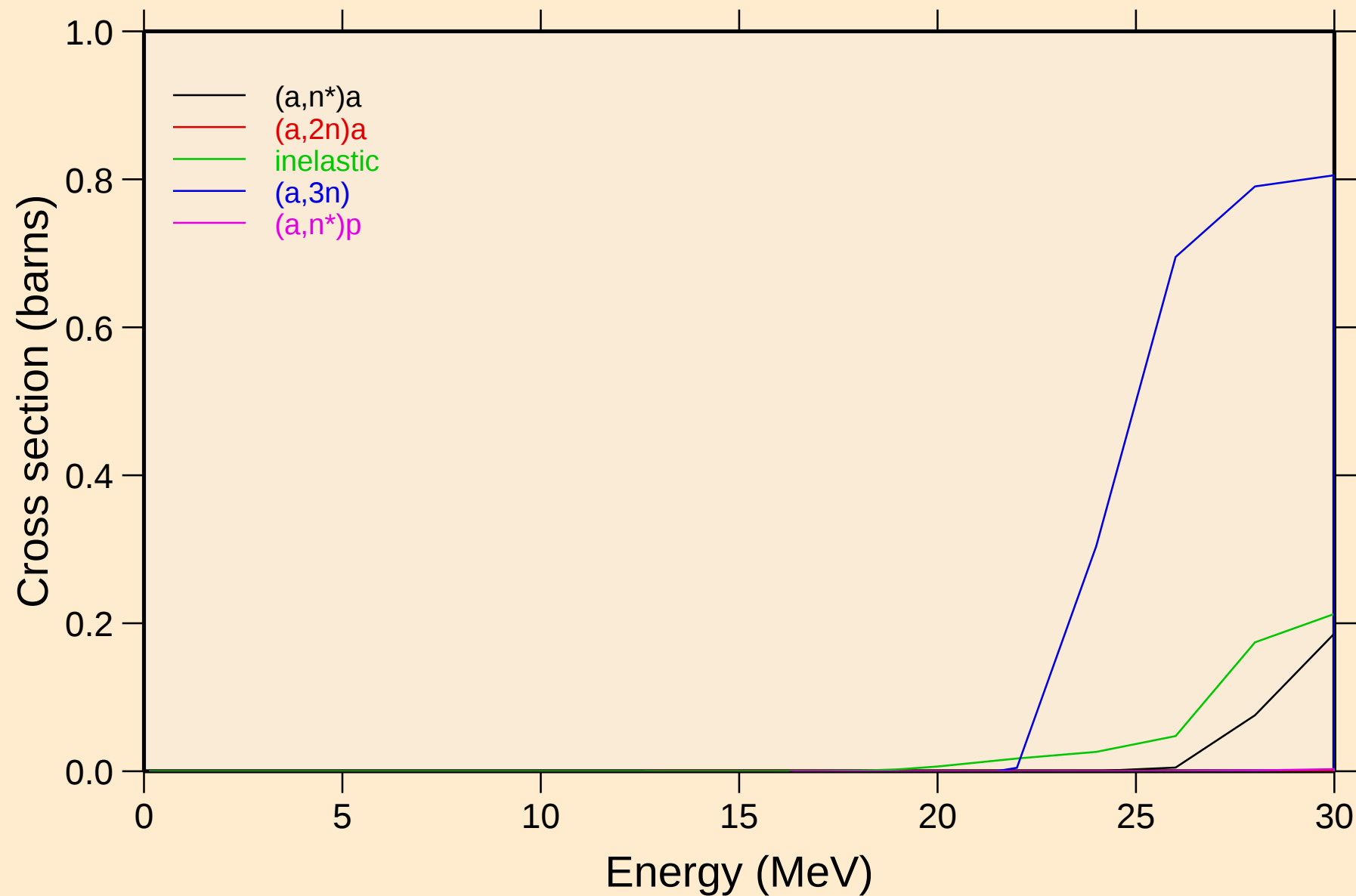
YB178 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Threshold reactions



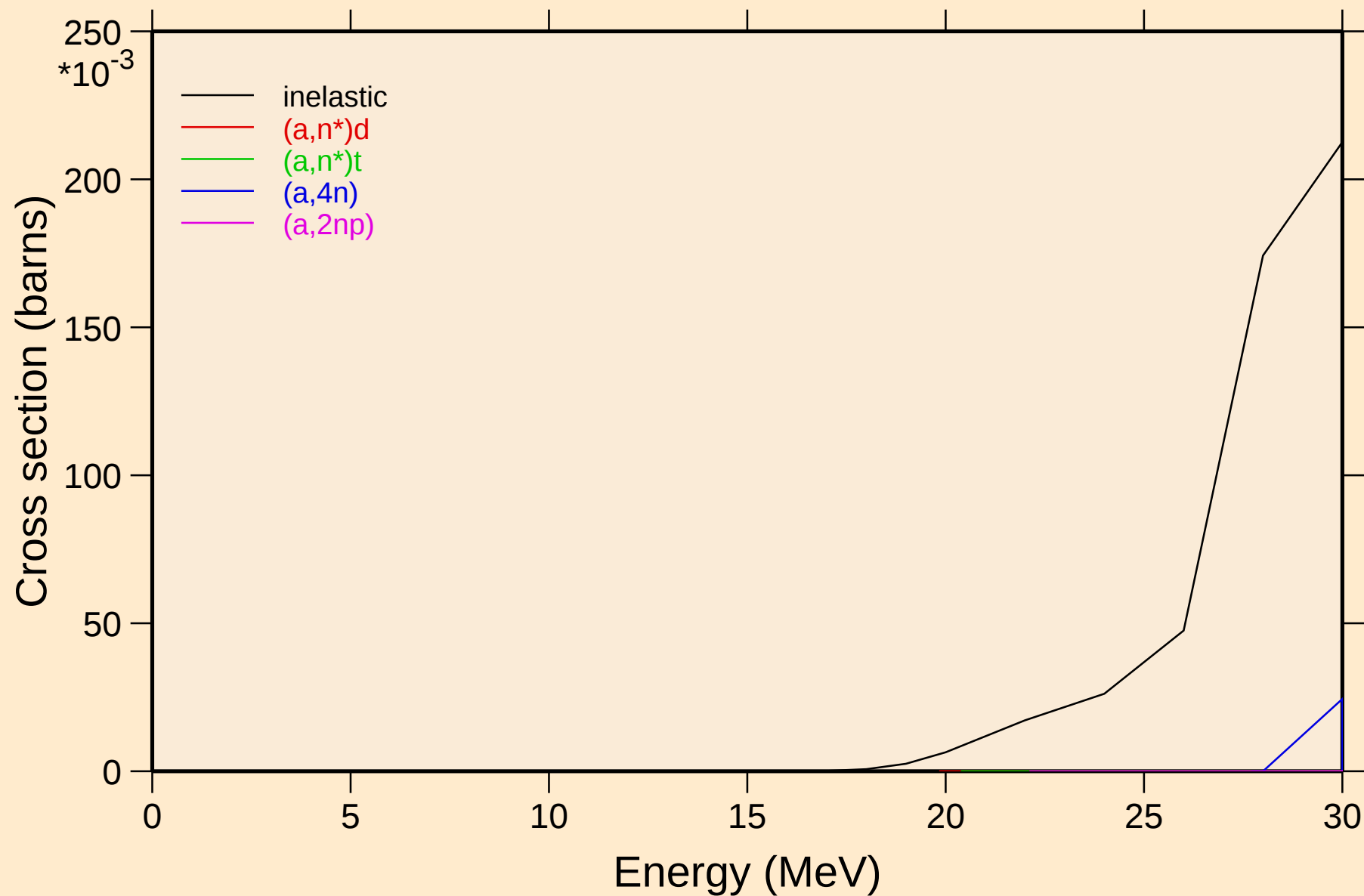
YB178 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Threshold reactions



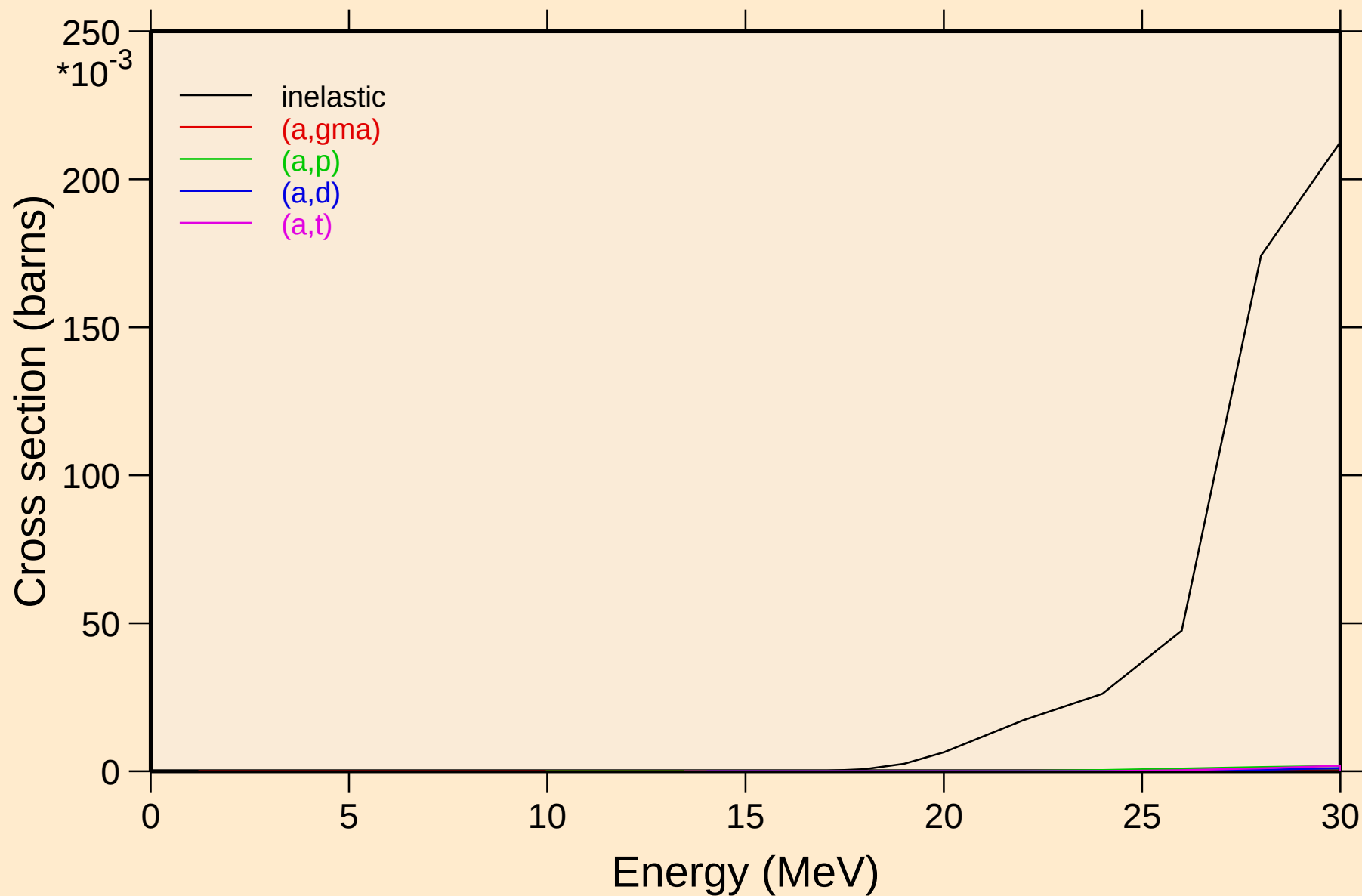
YB178 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Threshold reactions



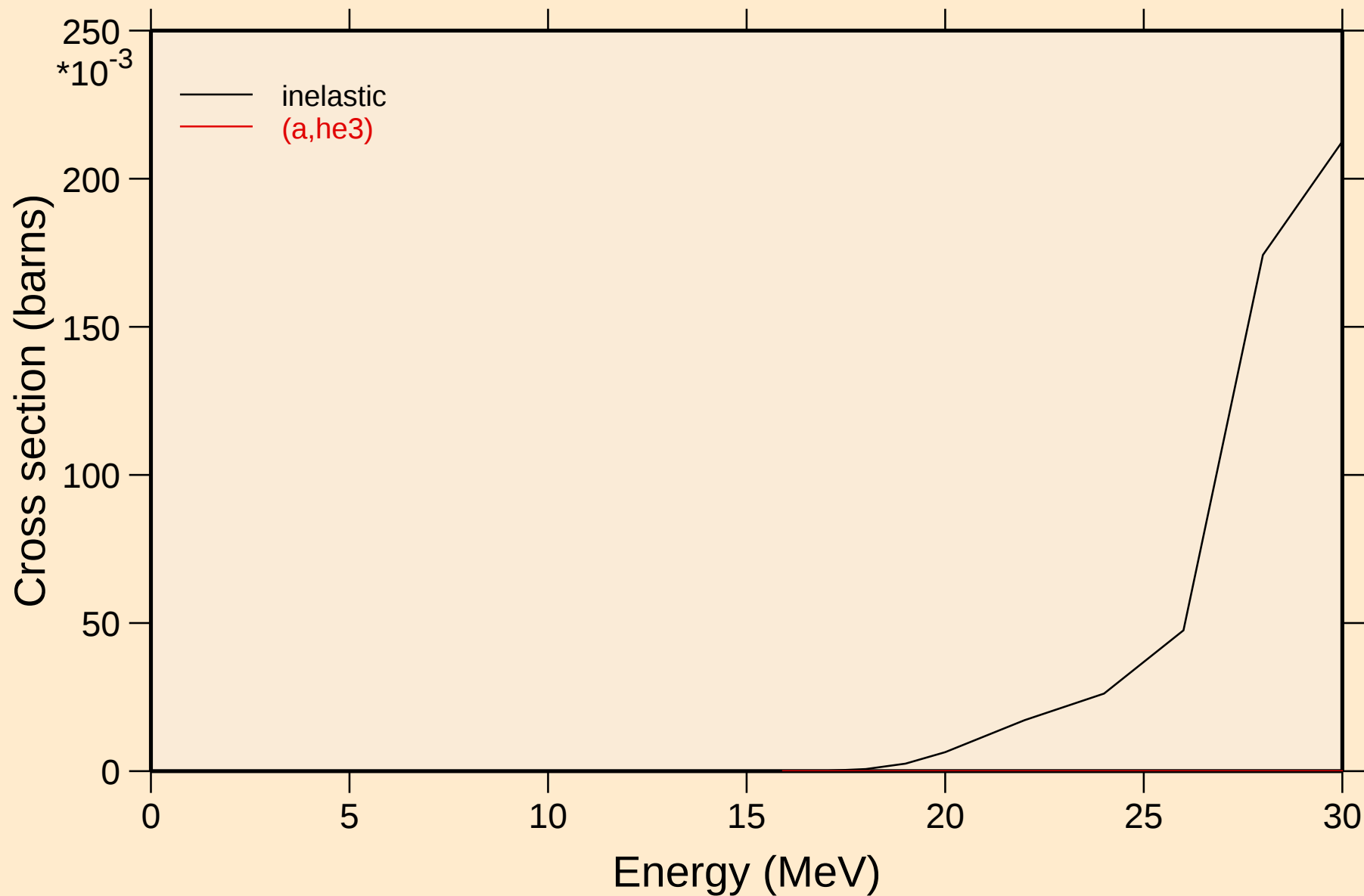
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Threshold reactions



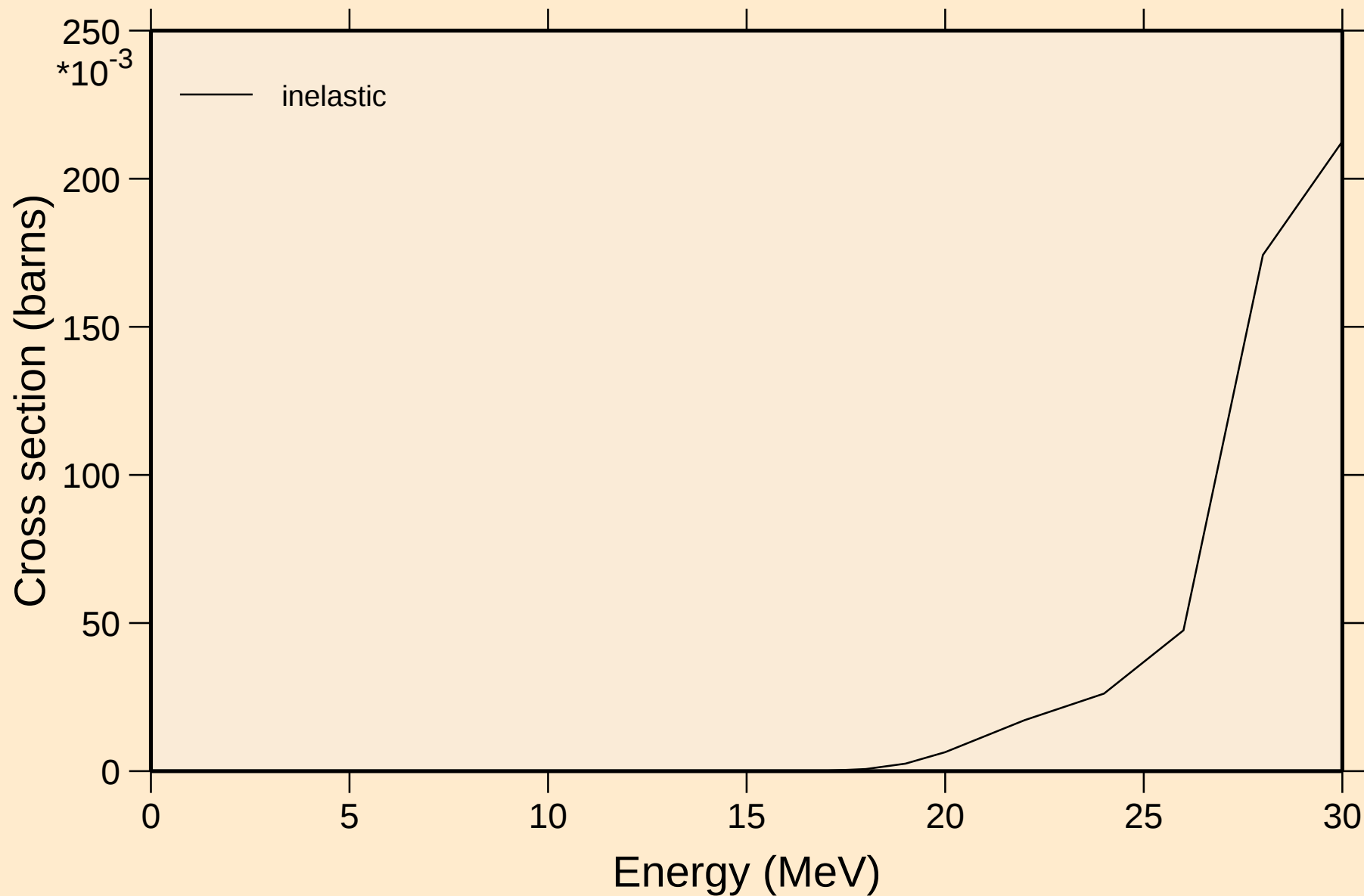
YB178 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Threshold reactions

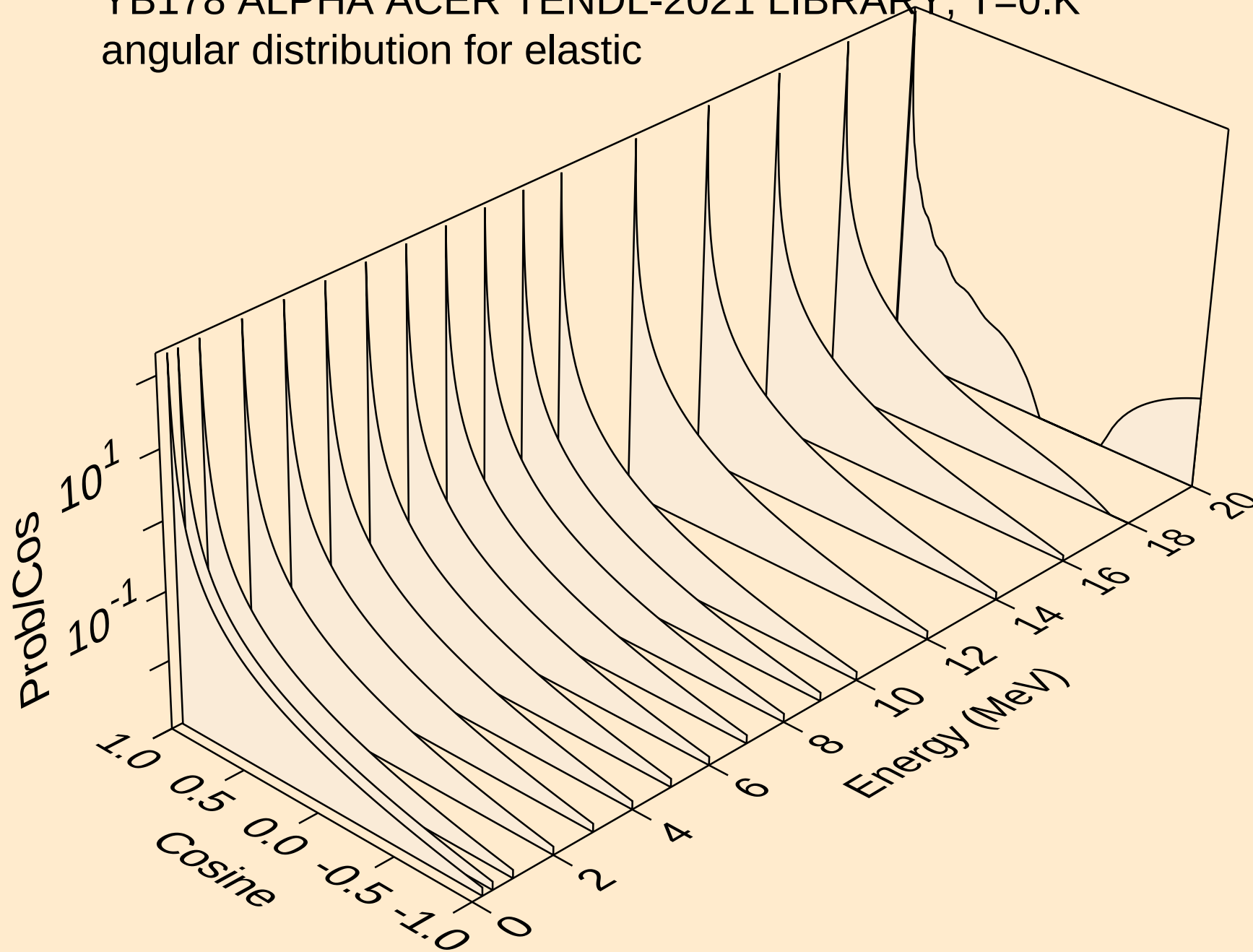


YB178 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

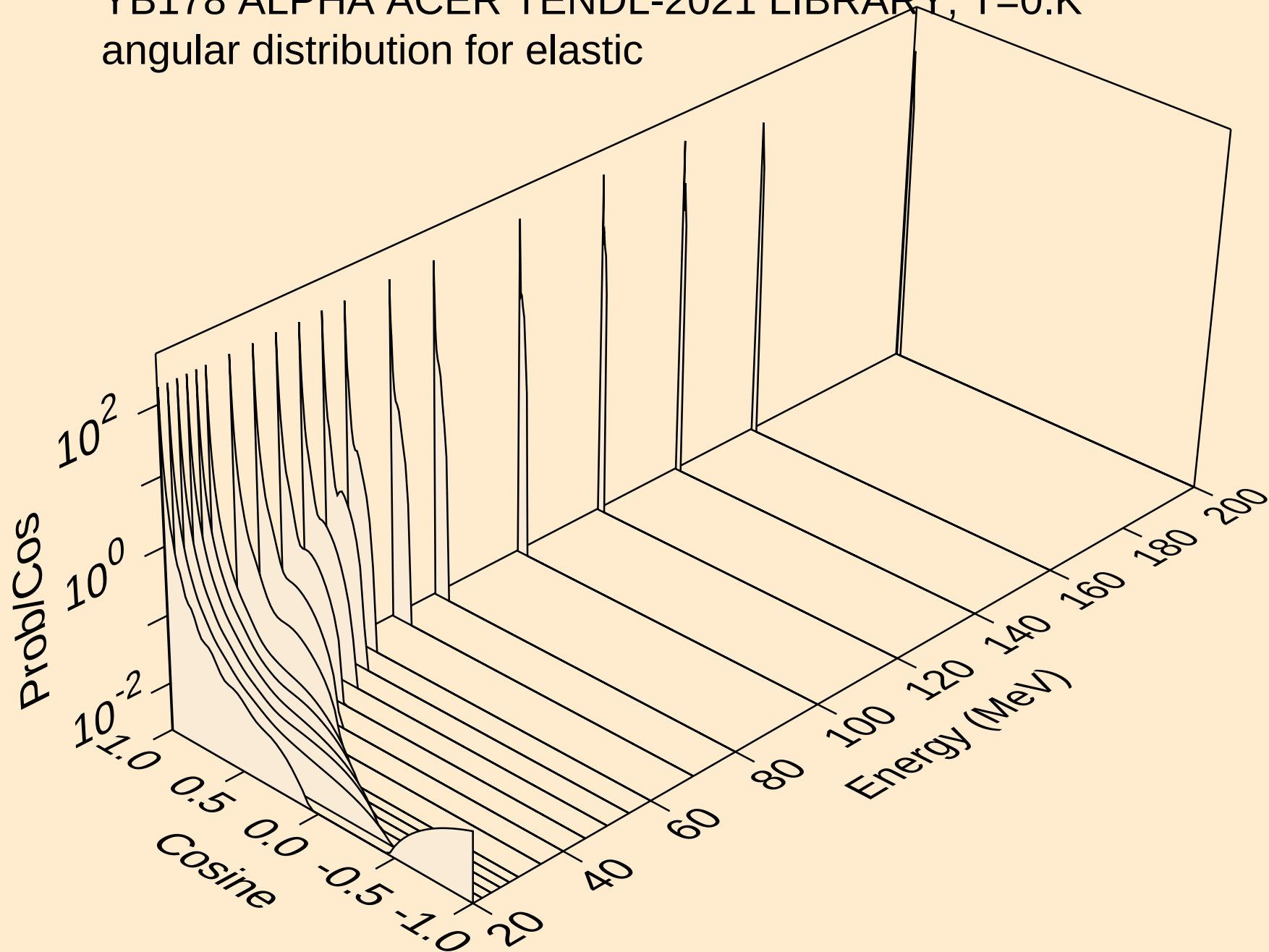
Threshold reactions



YB178 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
angular distribution for elastic

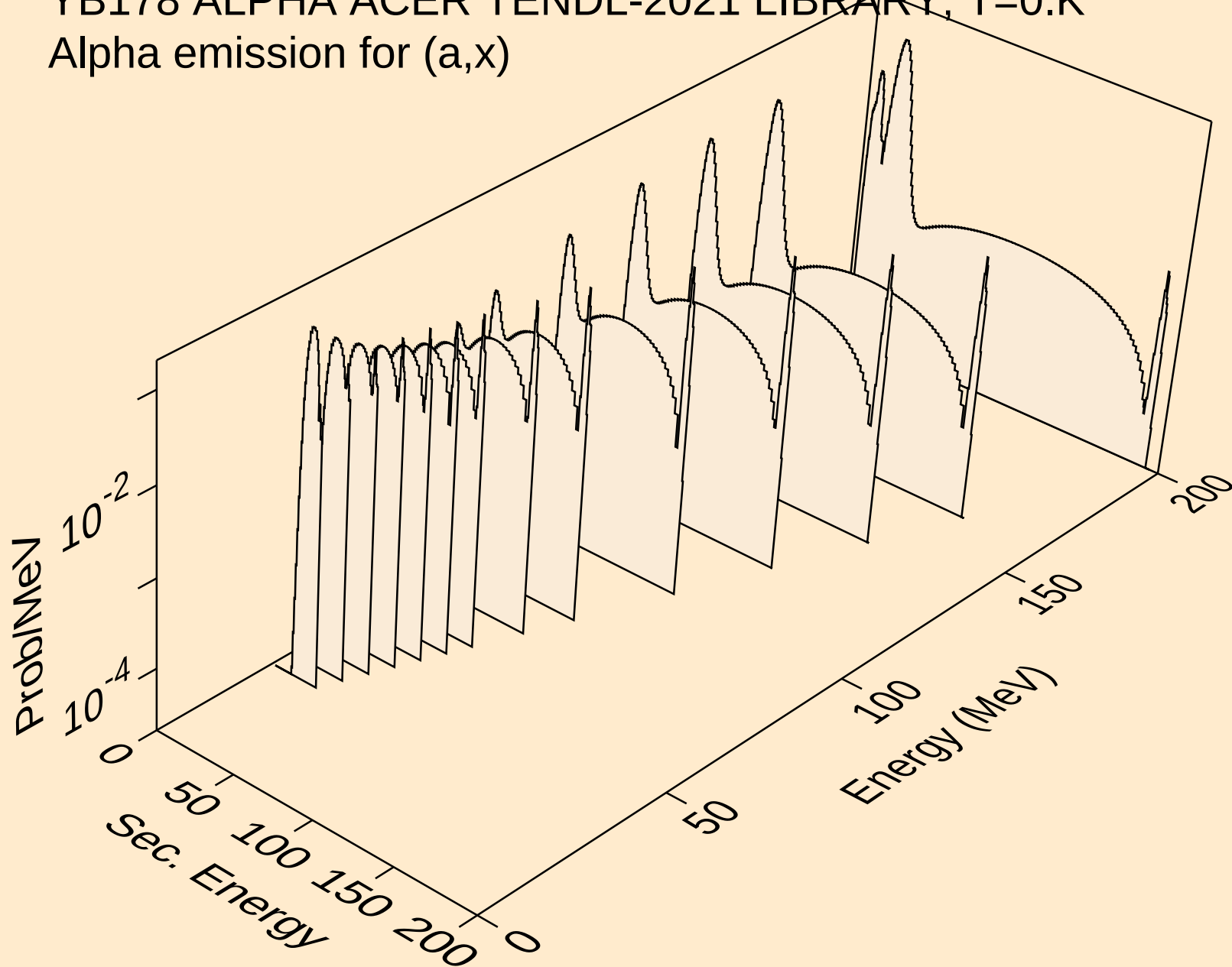


YB178 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
angular distribution for elastic



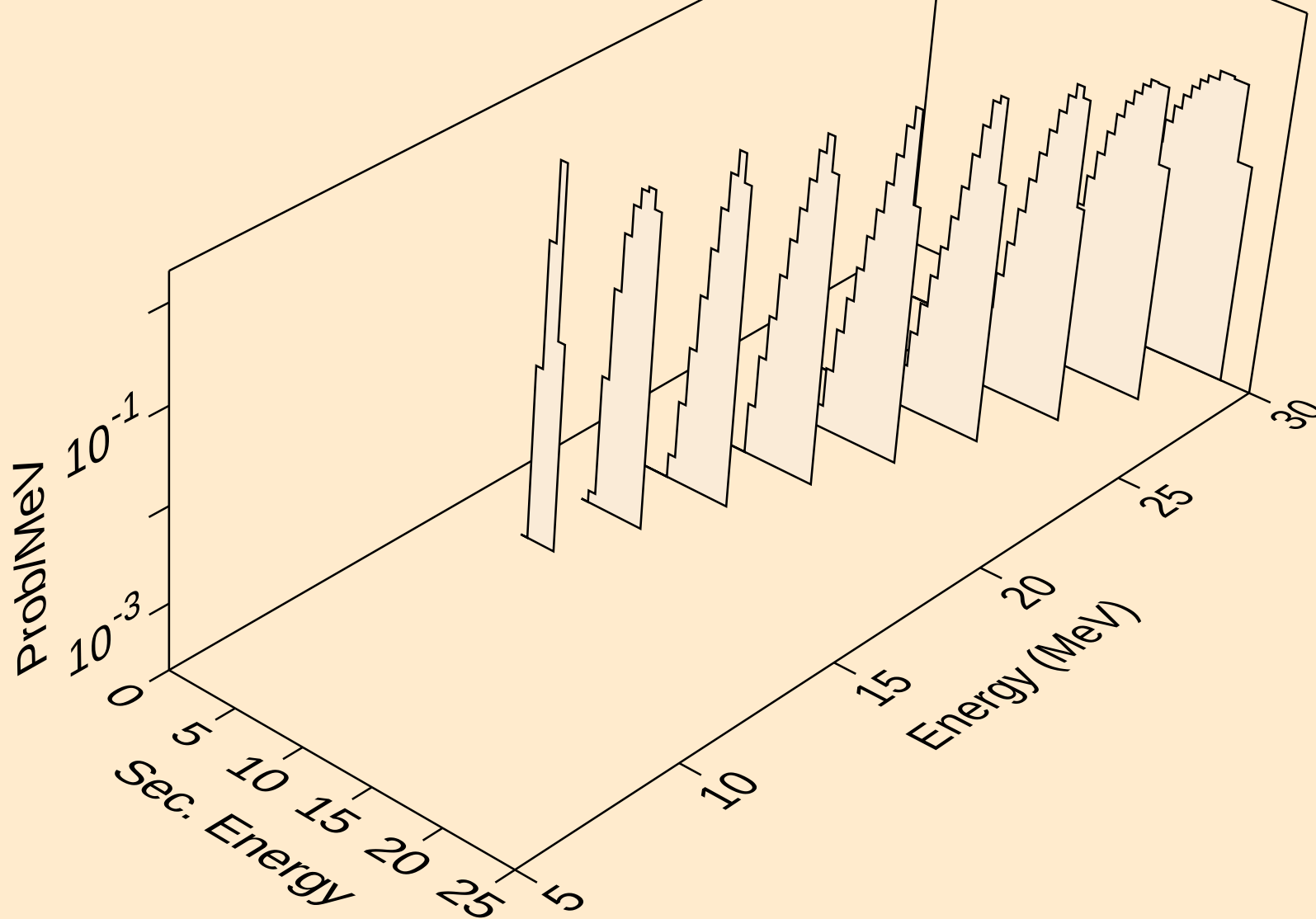
YB178 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Alpha emission for (a,x)



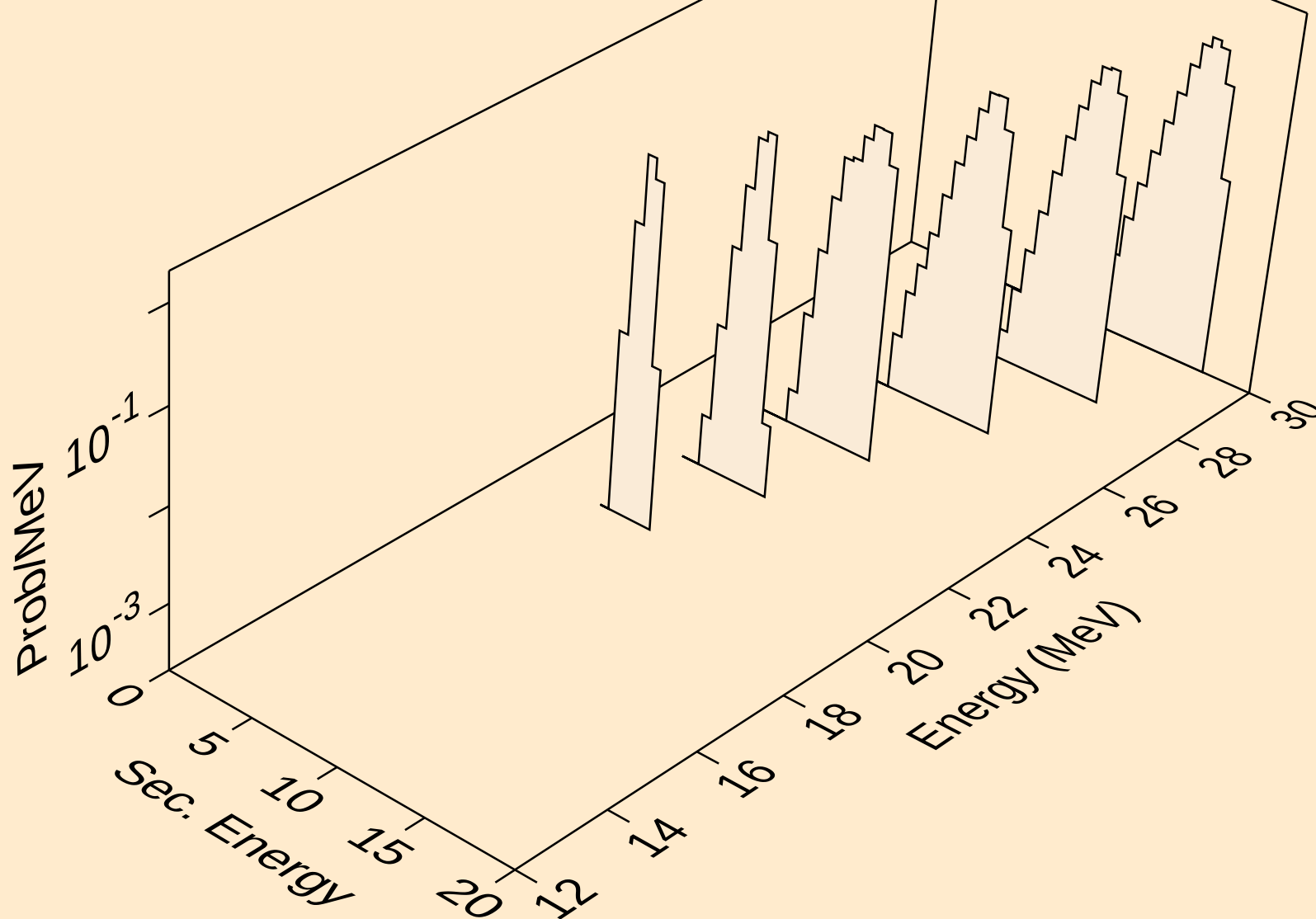
YB178 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Alpha emission for (a,n*)a



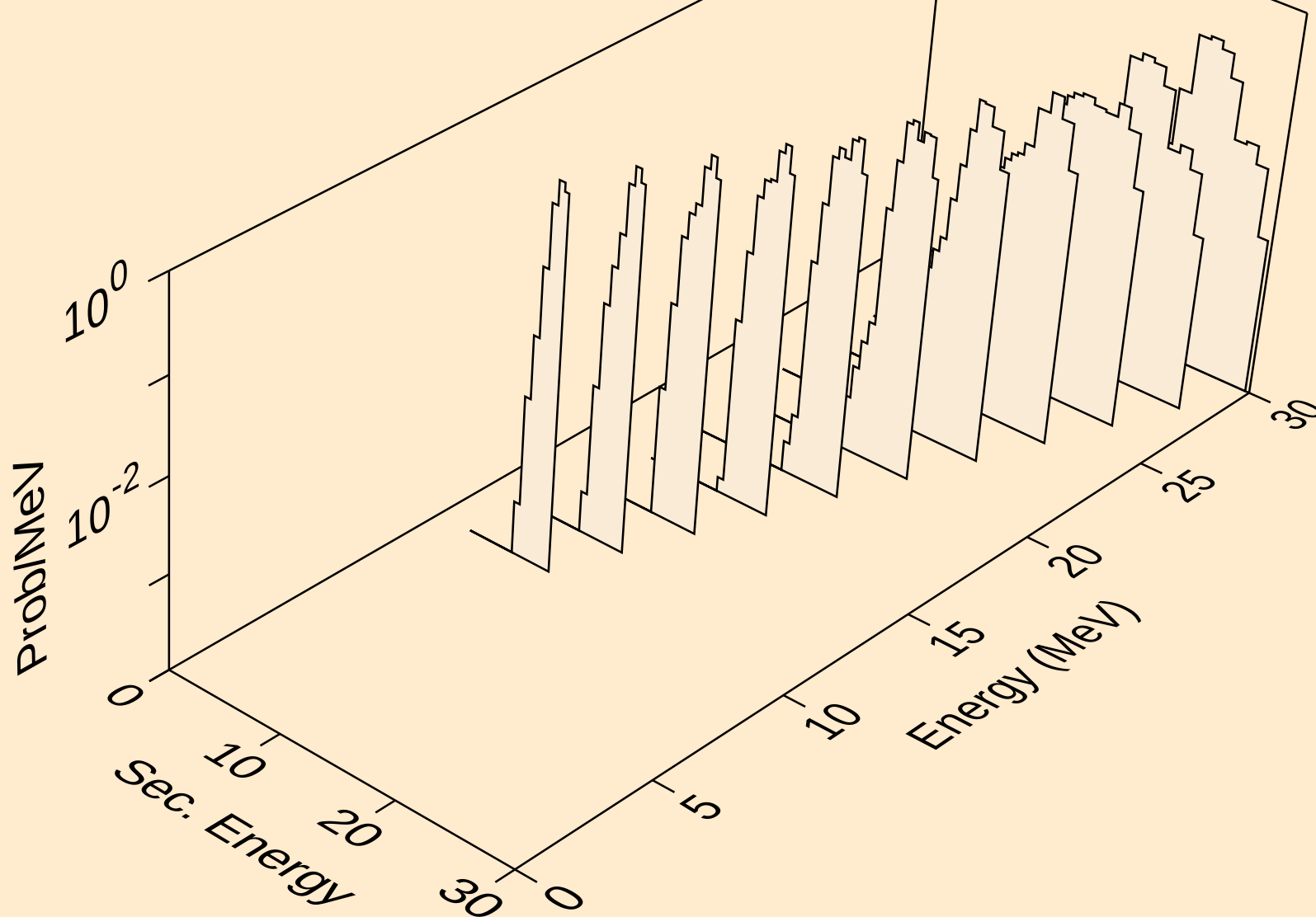
YB178 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Alpha emission for (a,2n)a

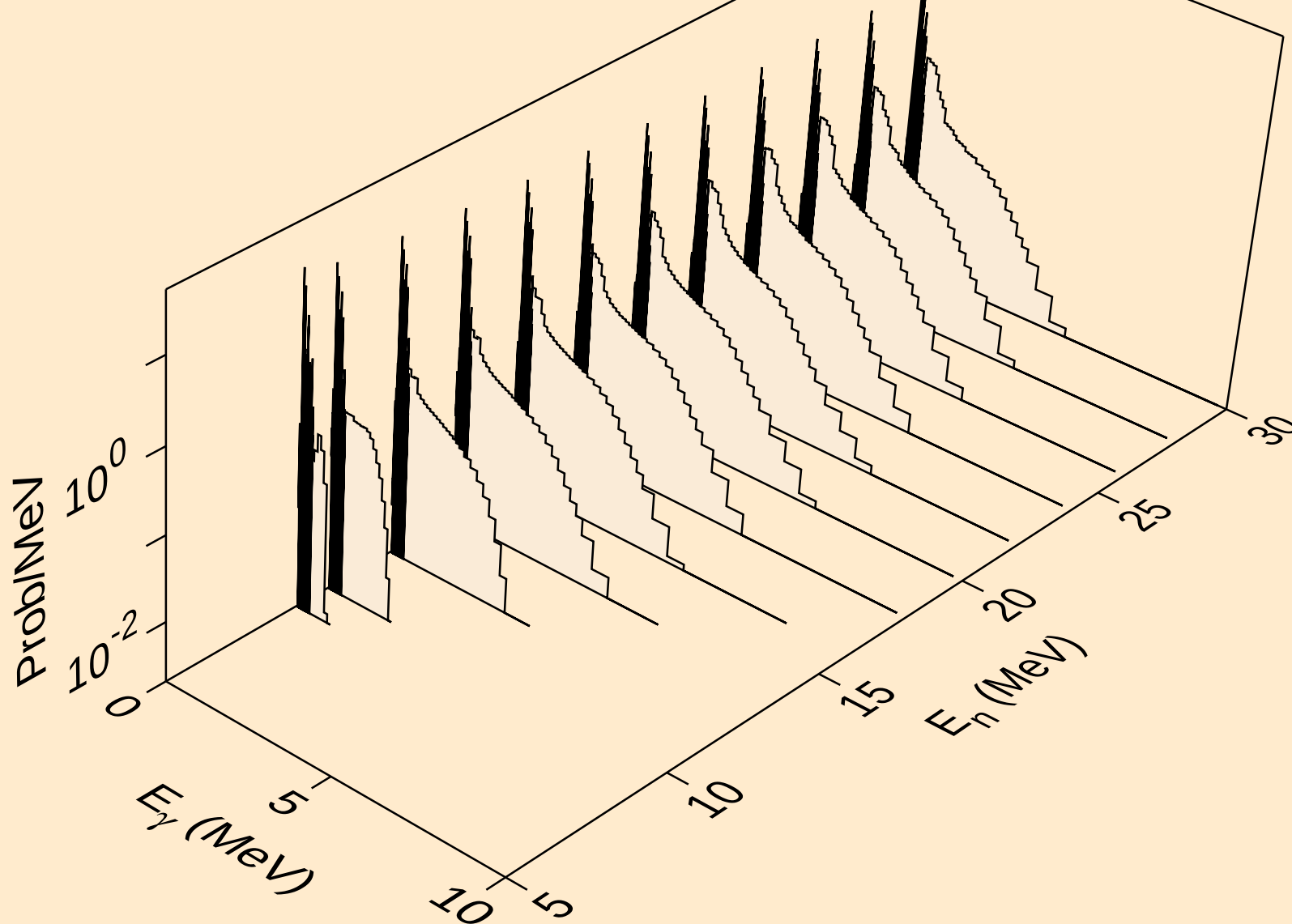


YB178 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

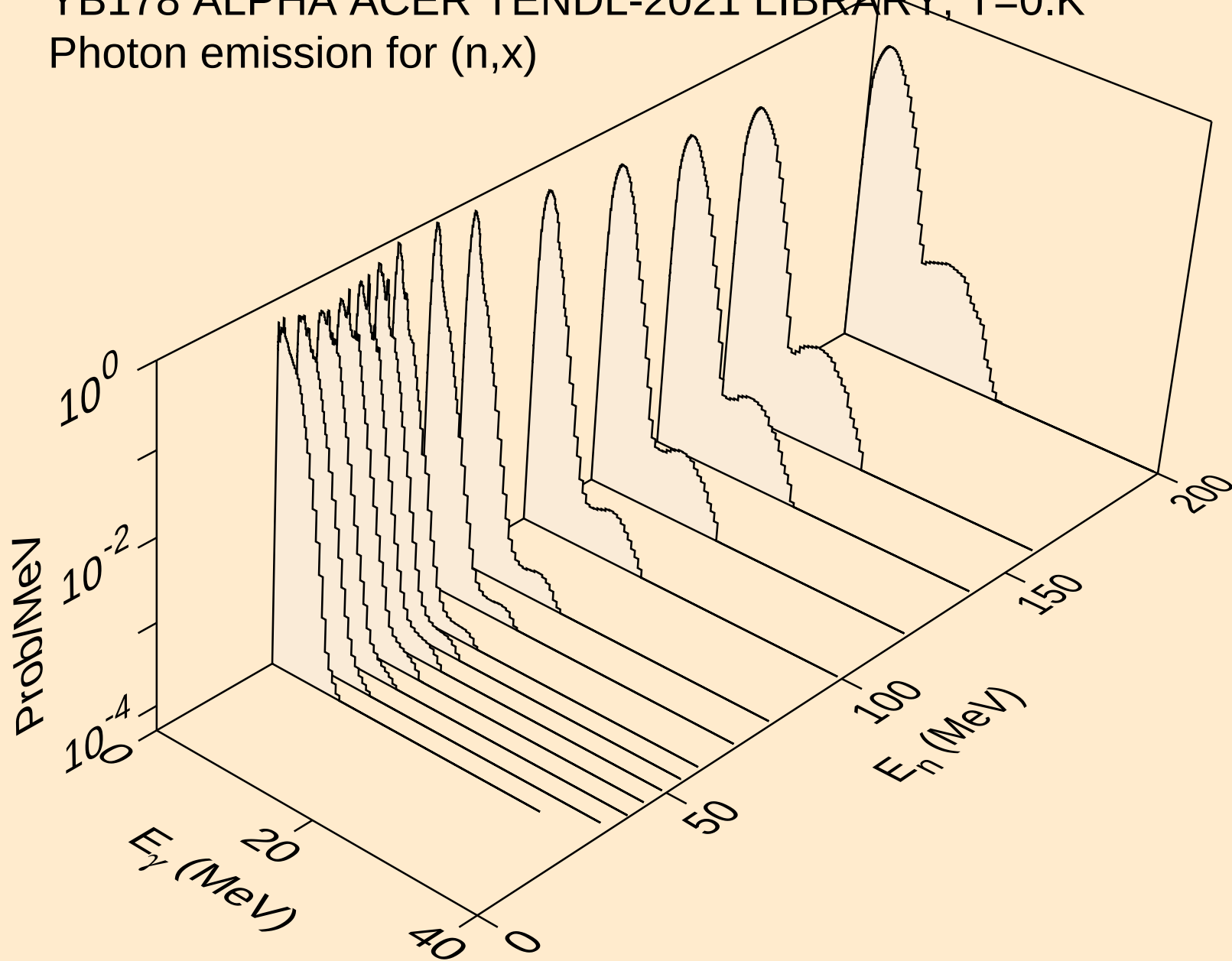
Alpha emission for inelastic



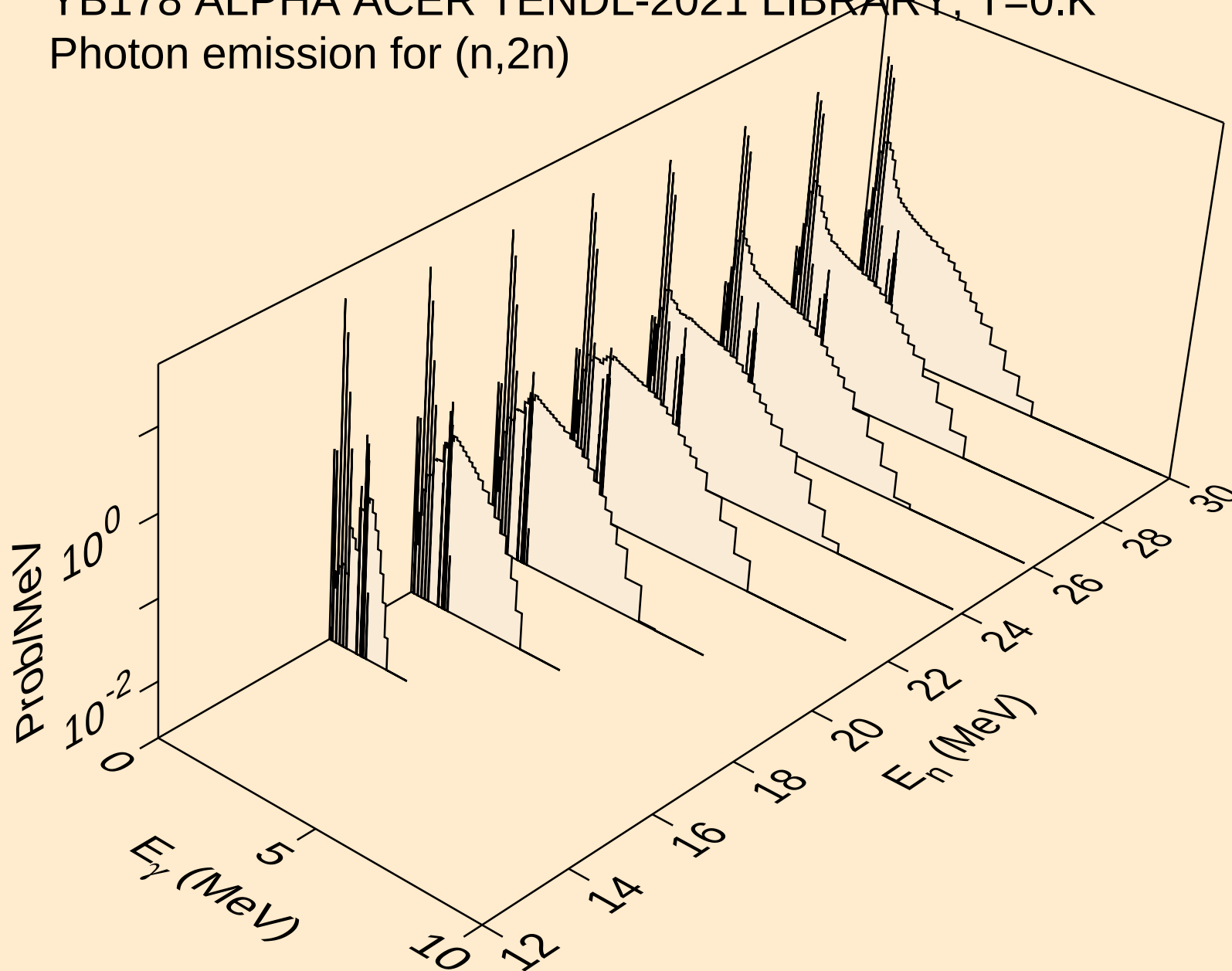
YB178 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (z,n)



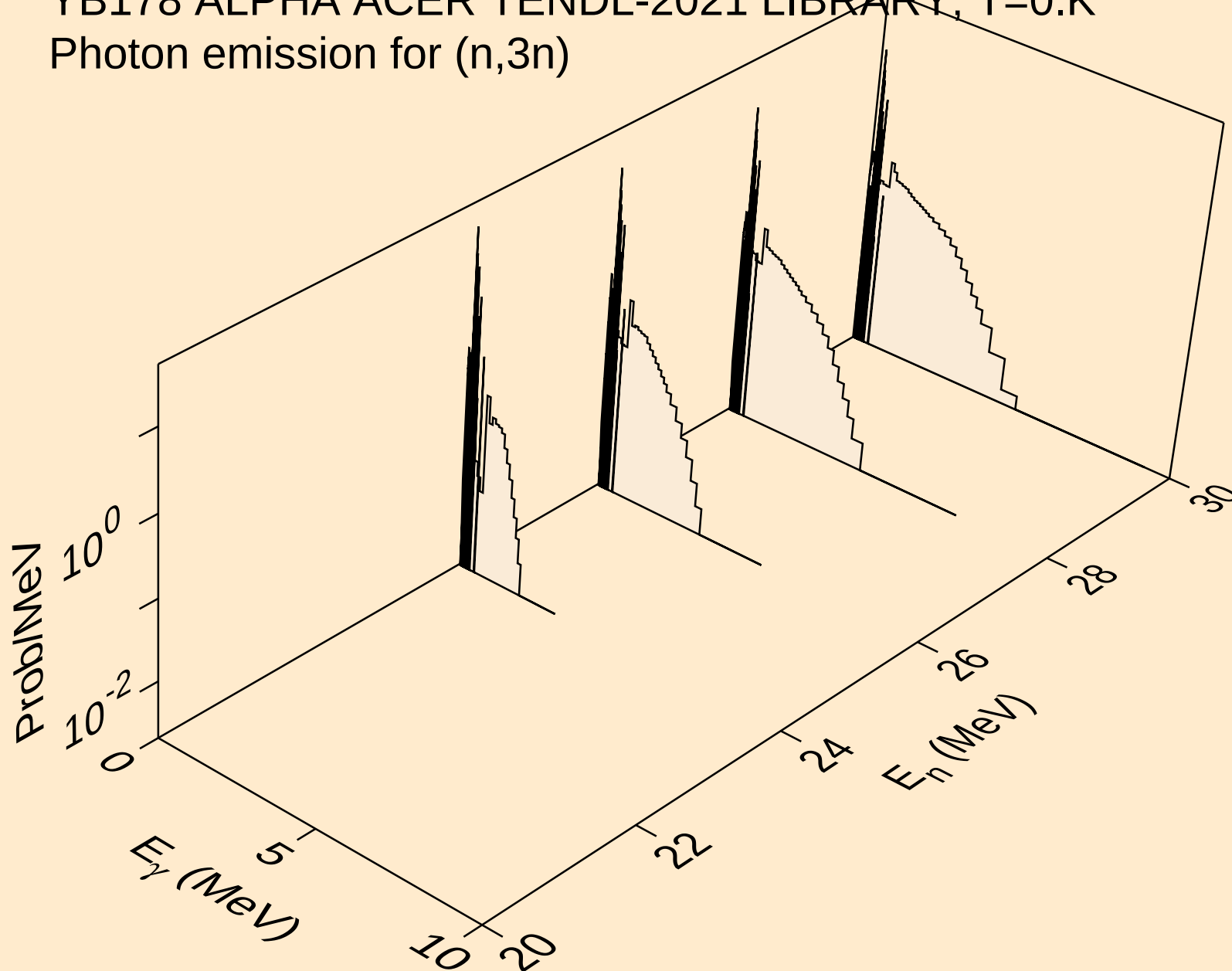
YB178 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,x)



YB178 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2n)

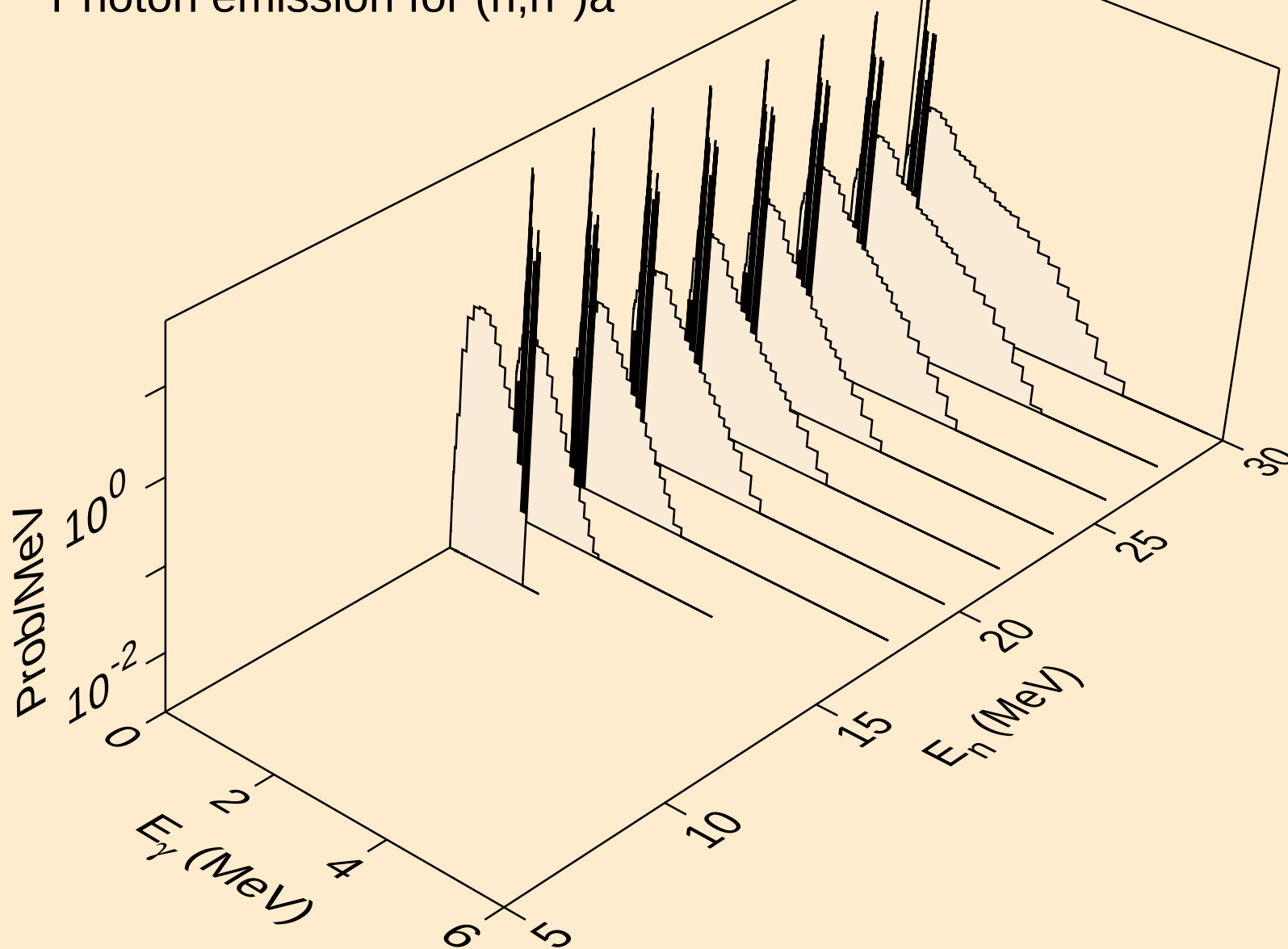


YB178 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,3n)



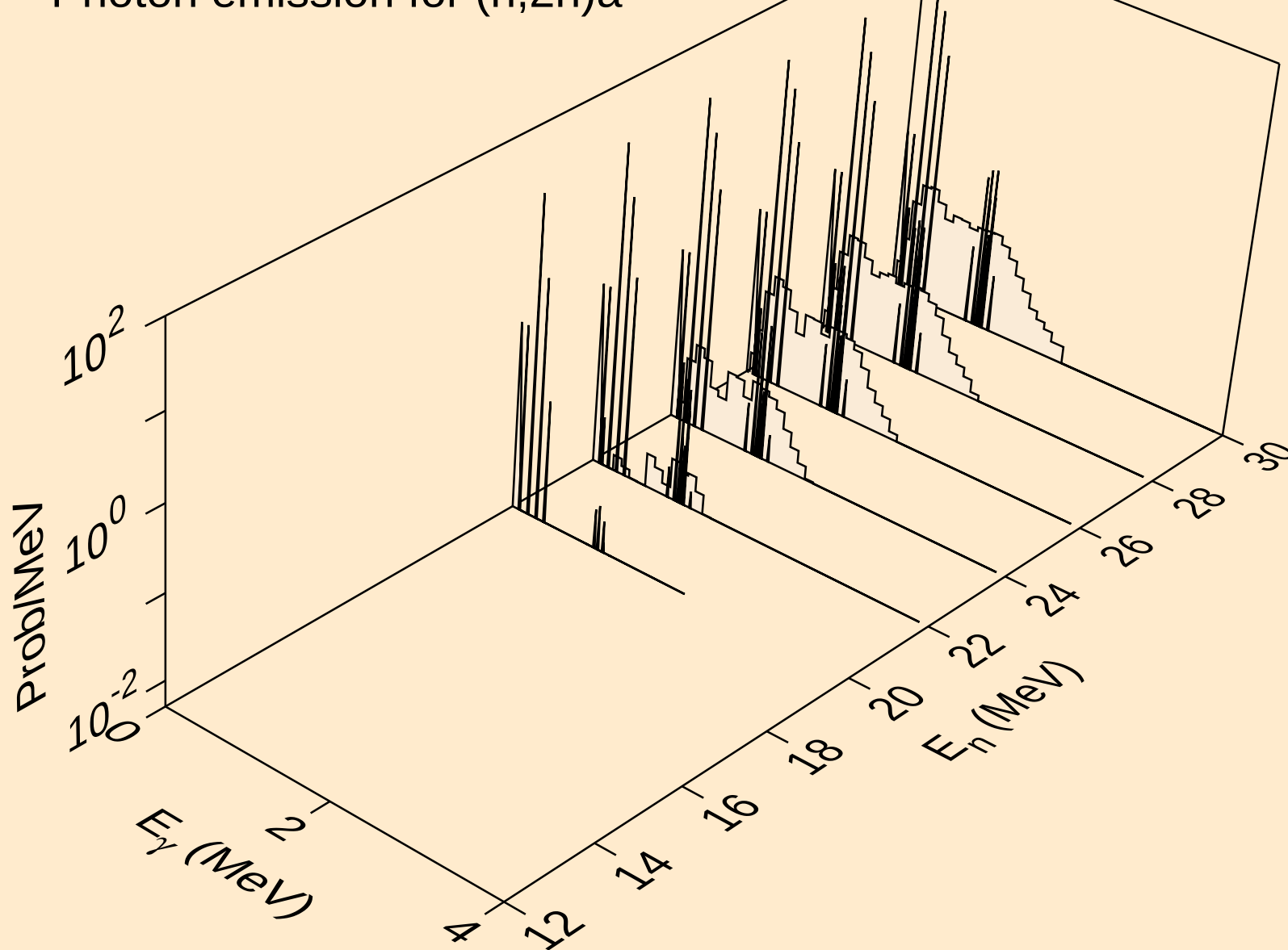
YB178 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,n*)a



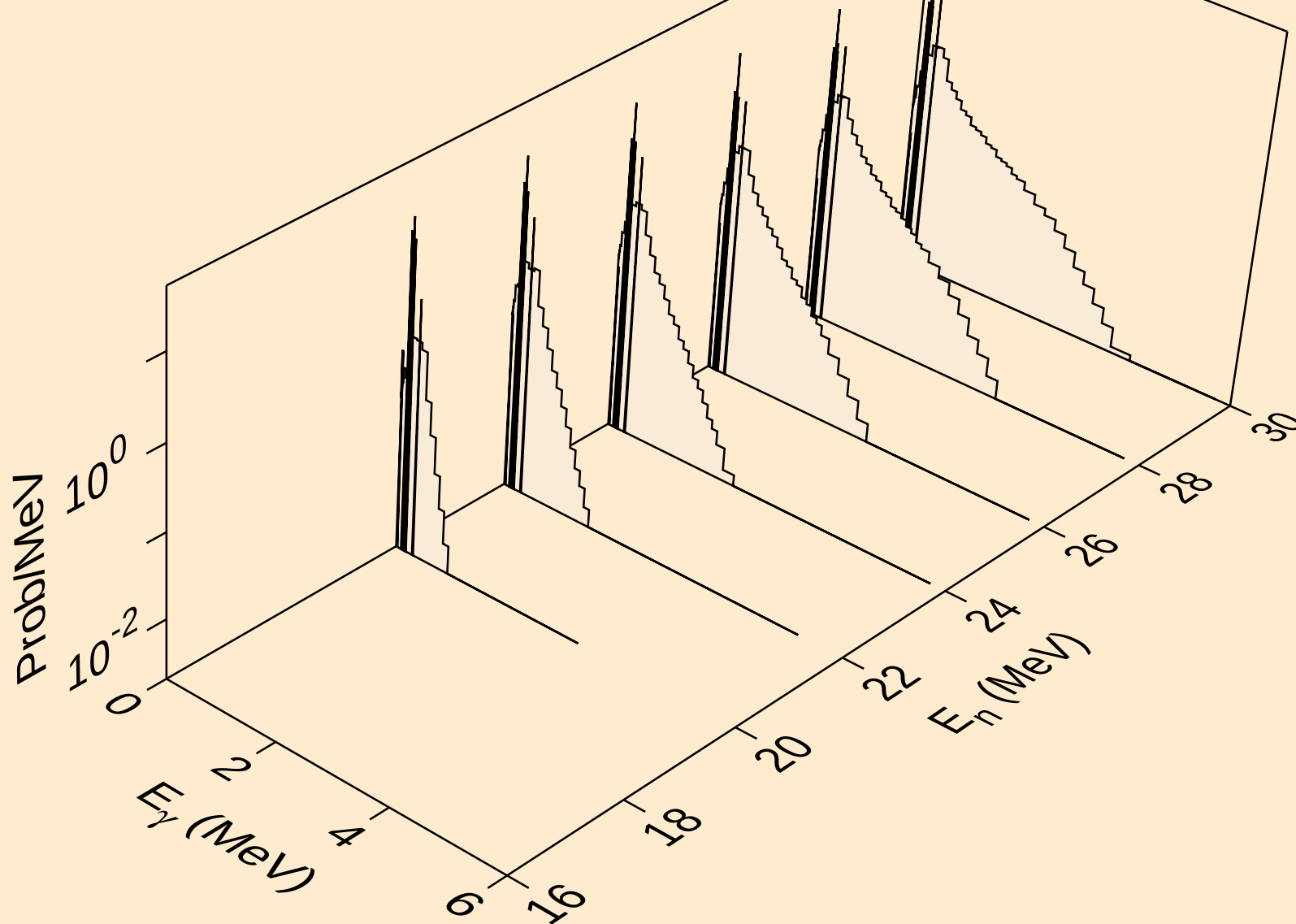
YB178 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,2n) α



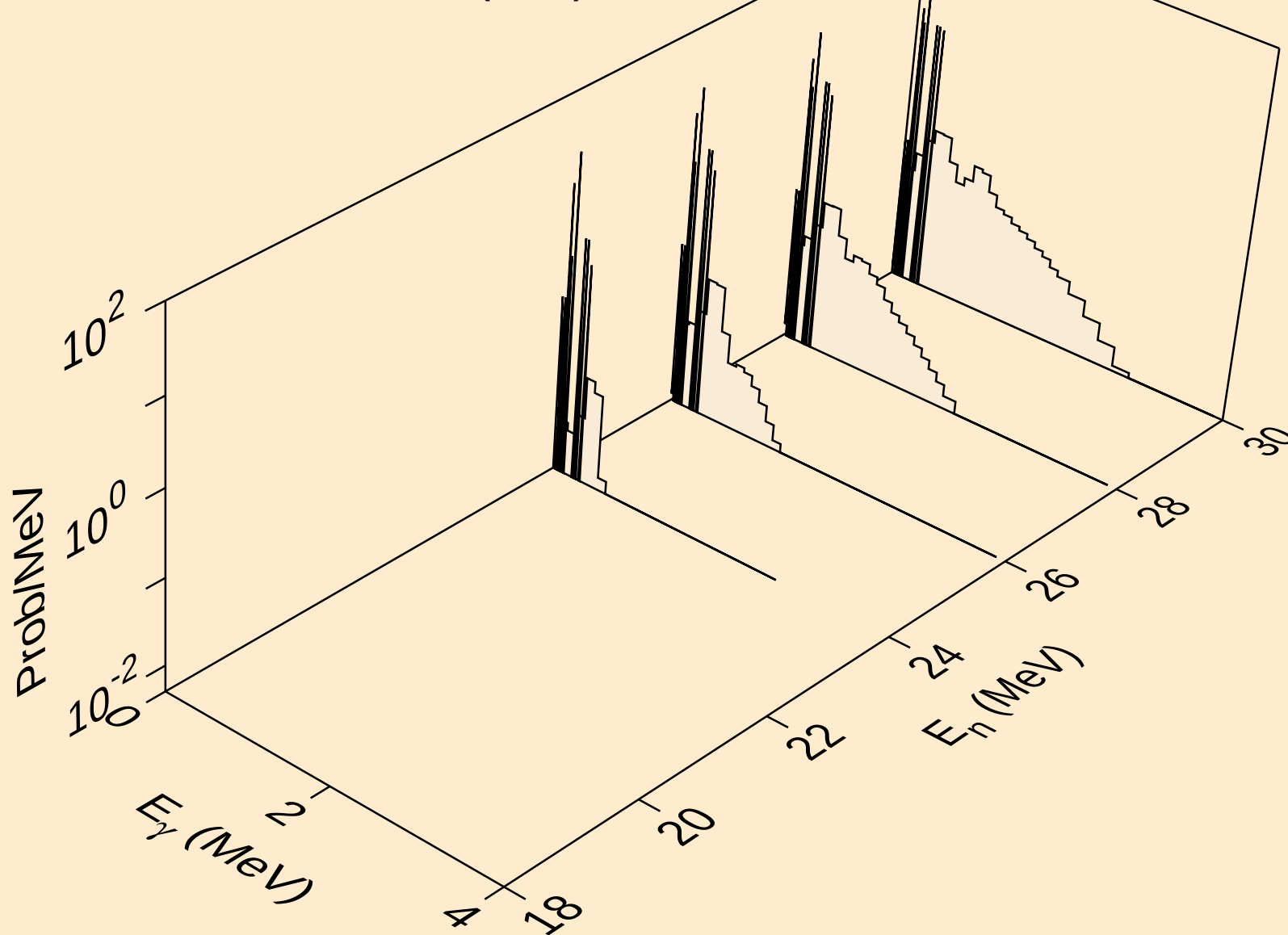
YB178 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,n*)p



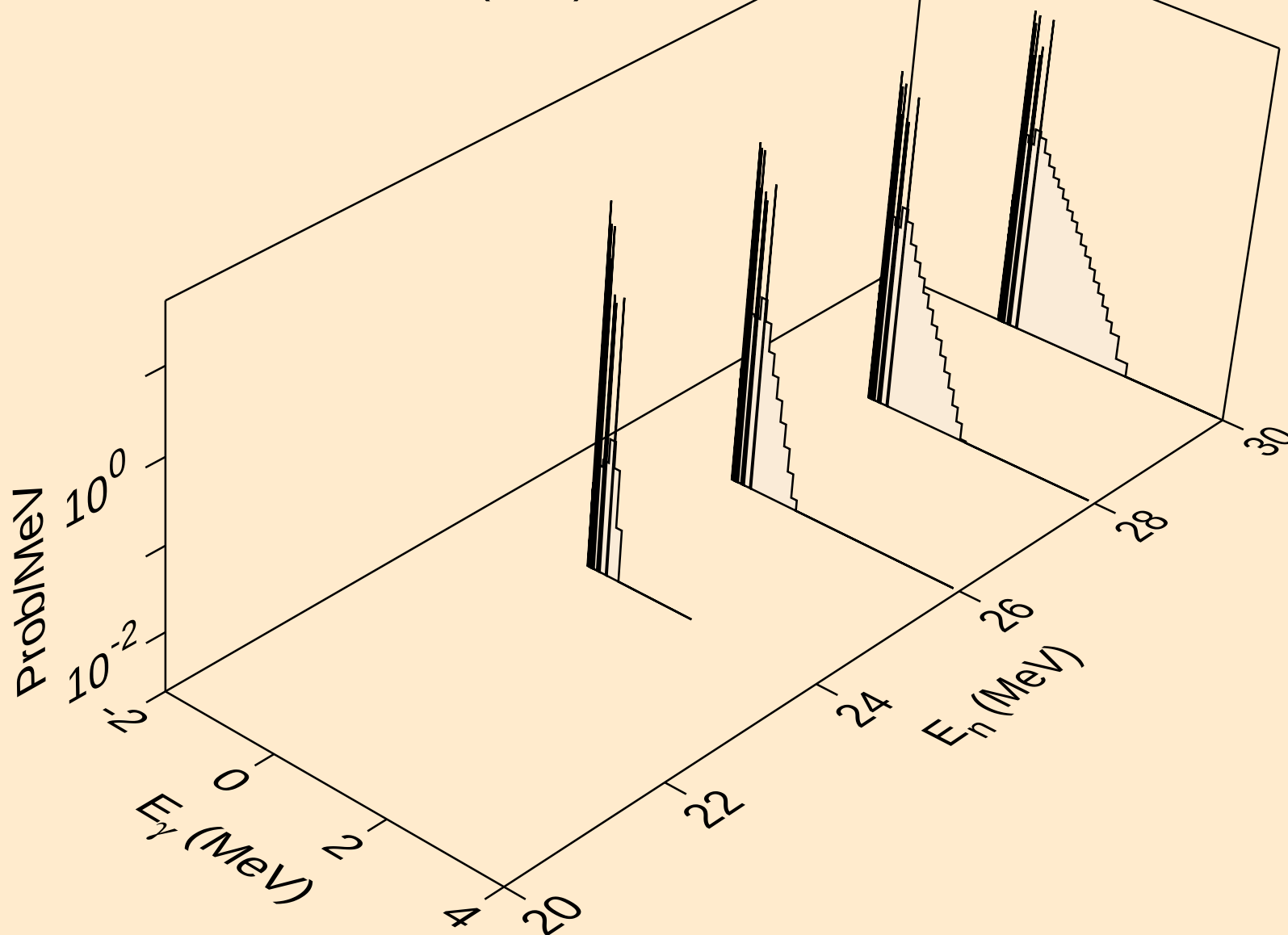
YB178 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,n*)d



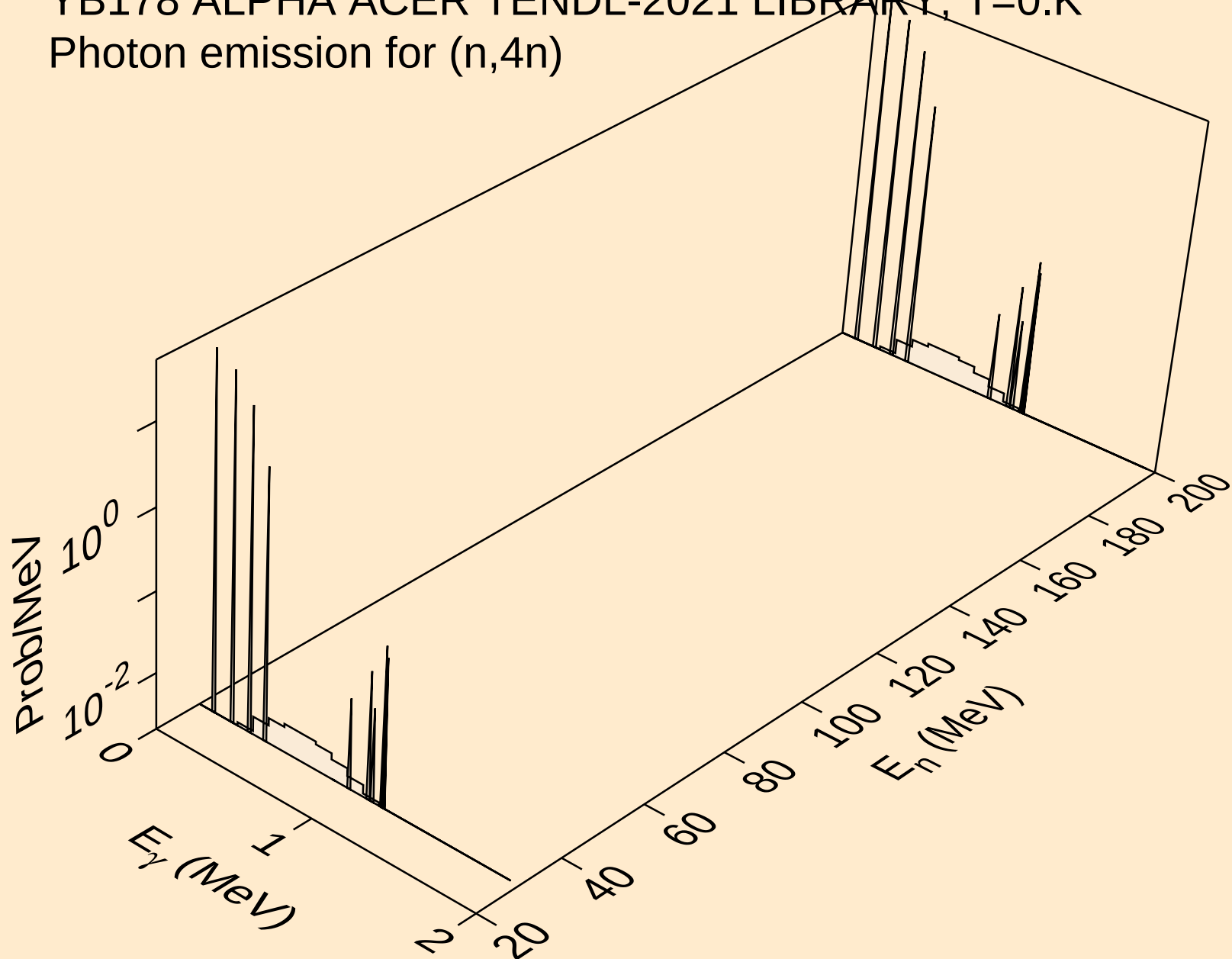
YB178 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,n*)t

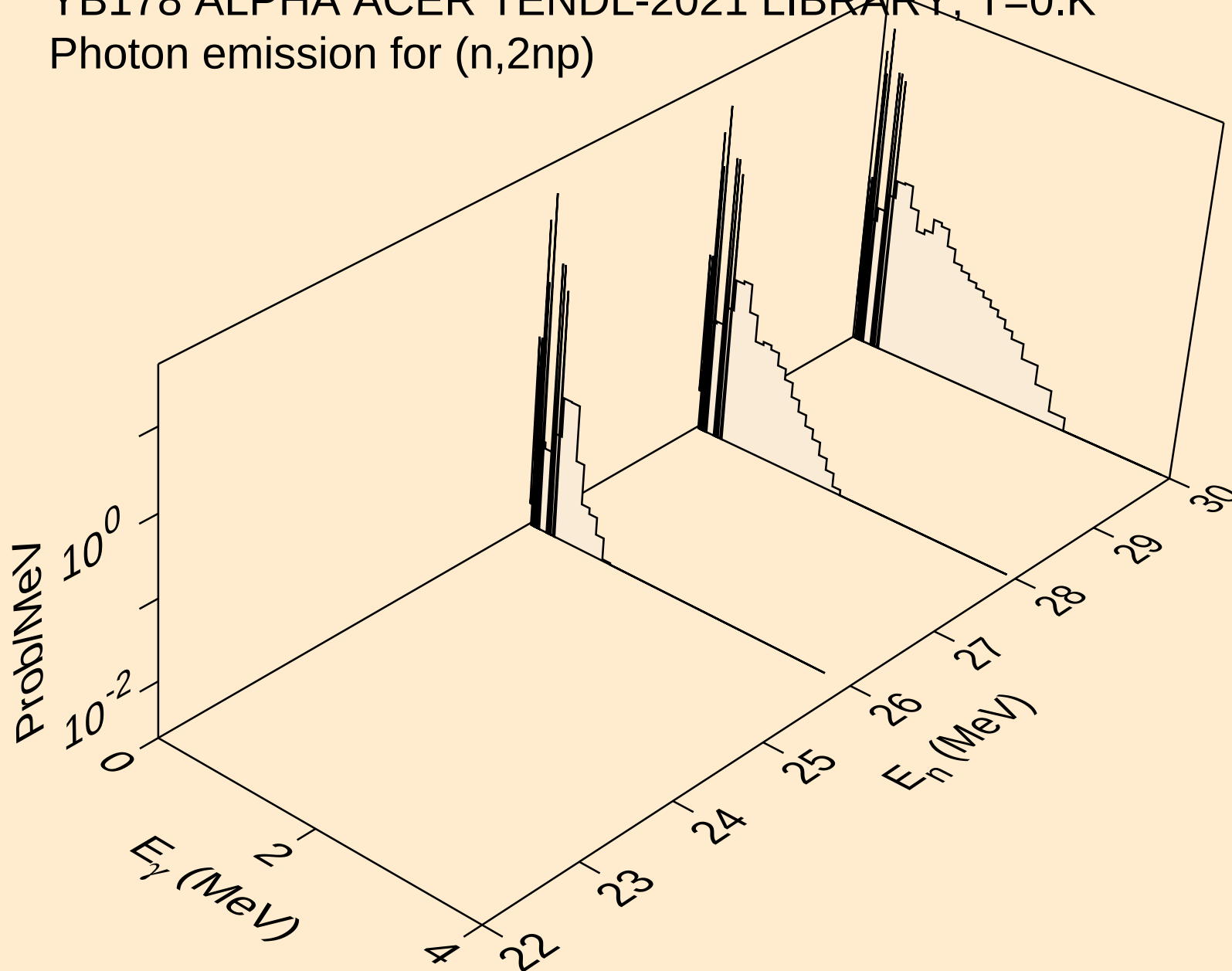


YB178 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

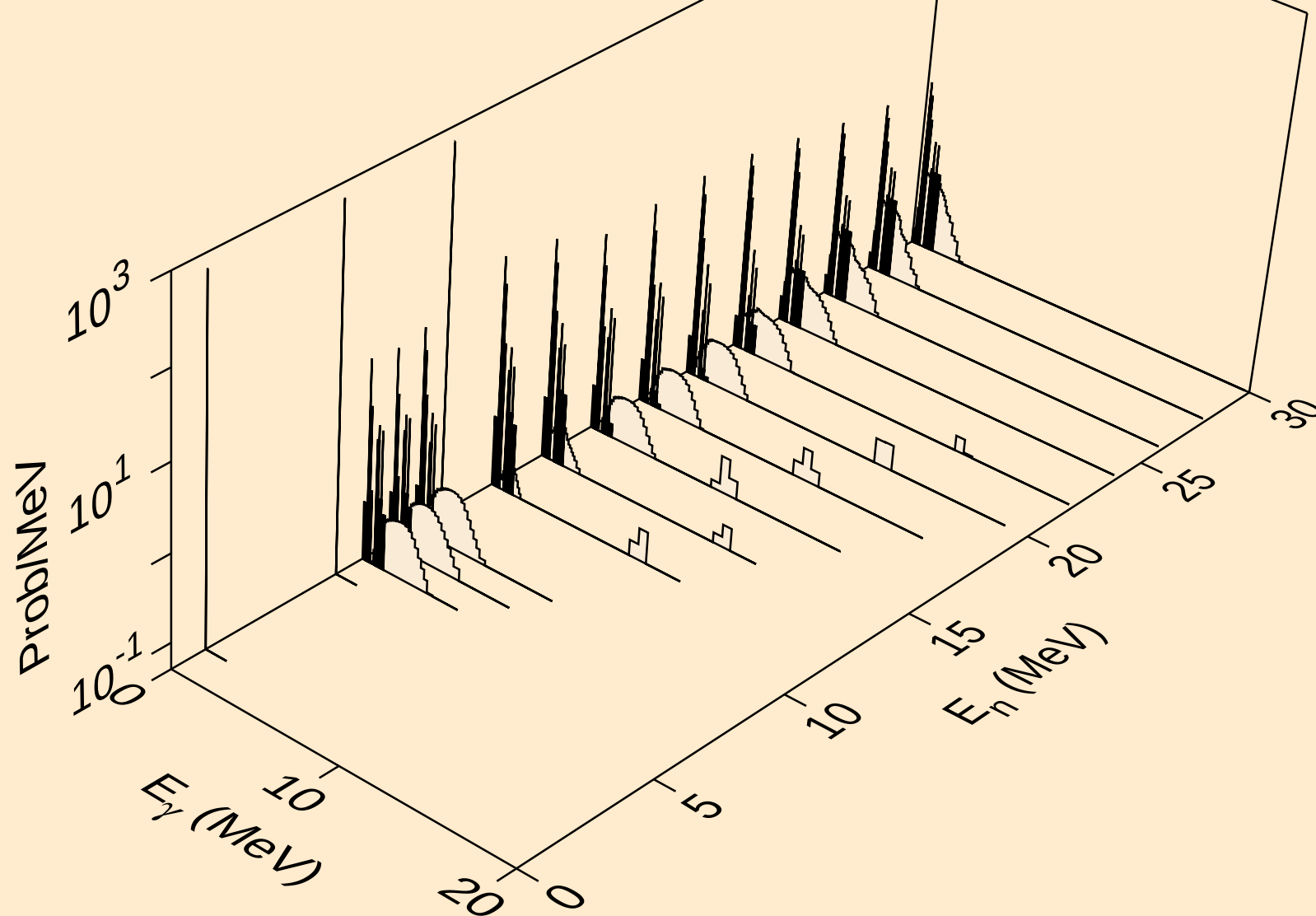
Photon emission for (n,4n)



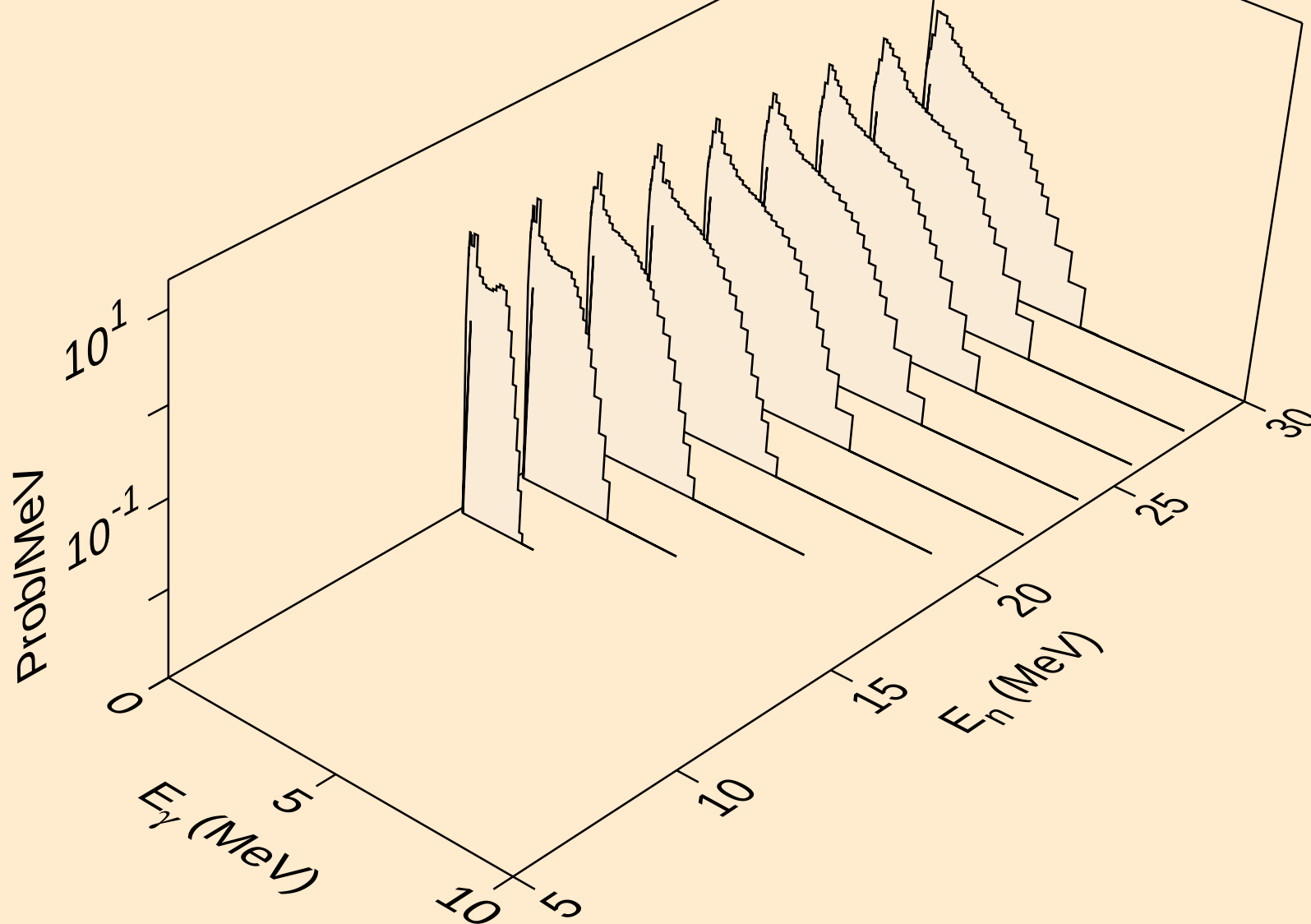
YB178 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2np)



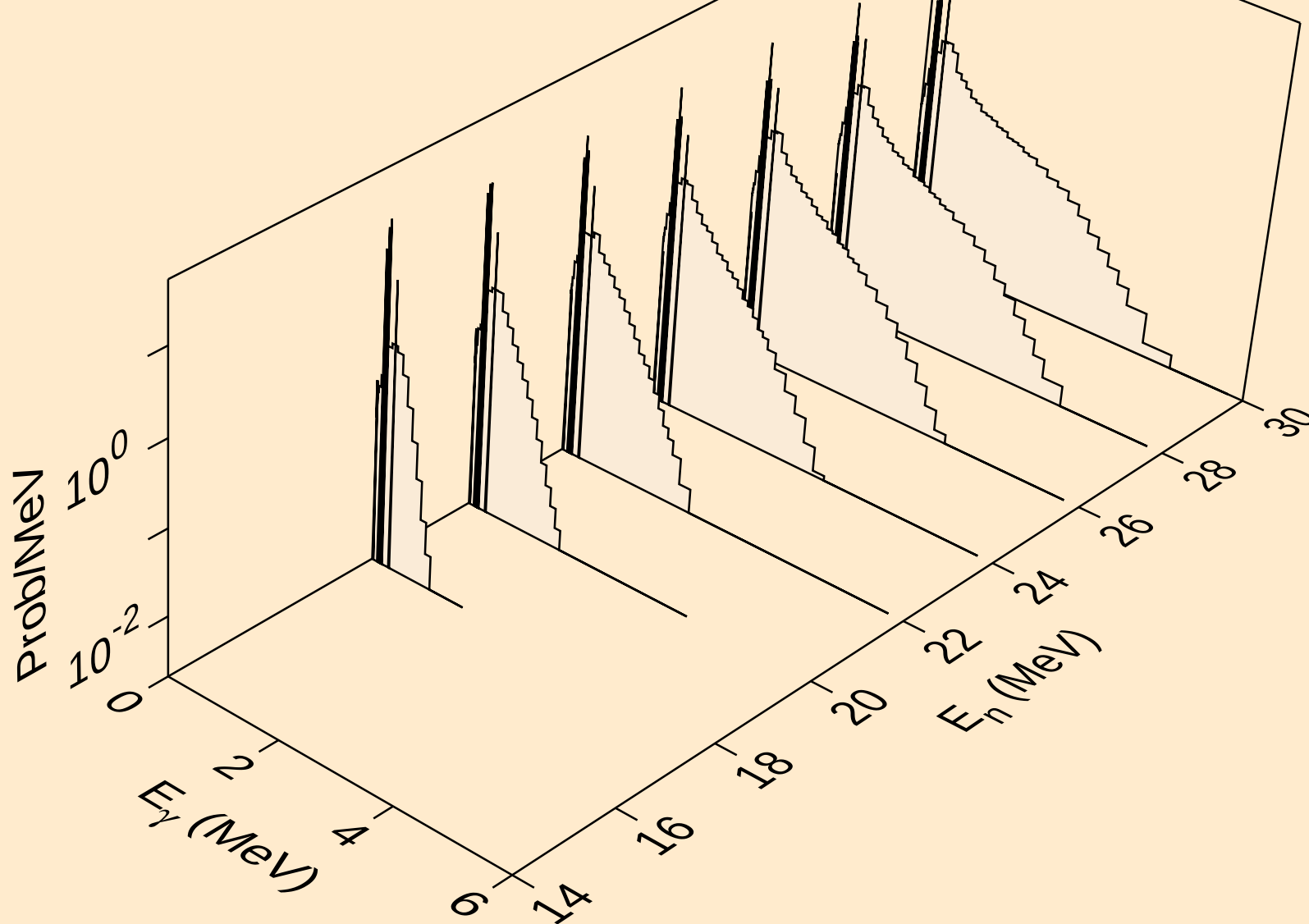
YB178 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,gma)



YB178 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,p)

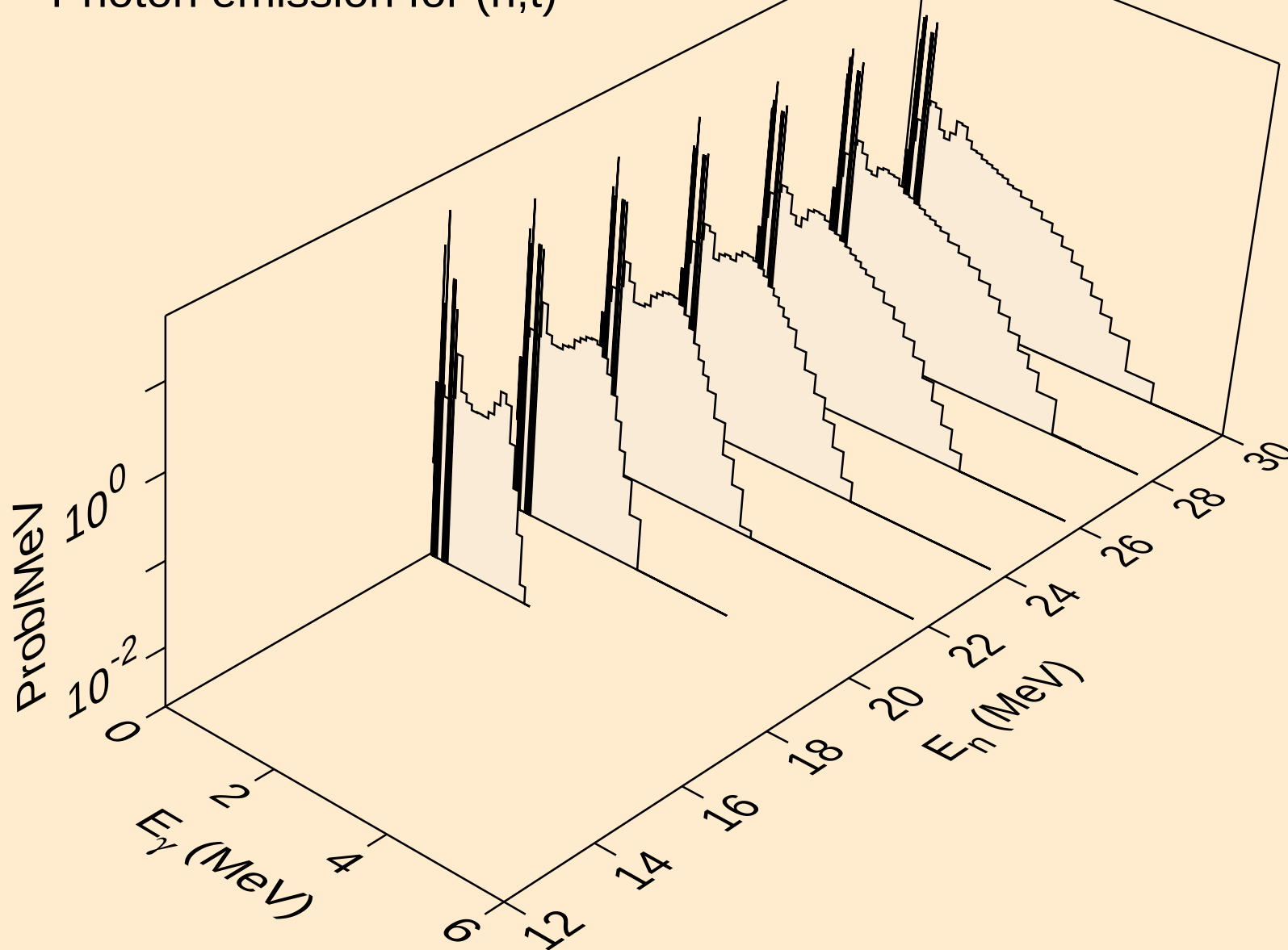


YB178 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,d)

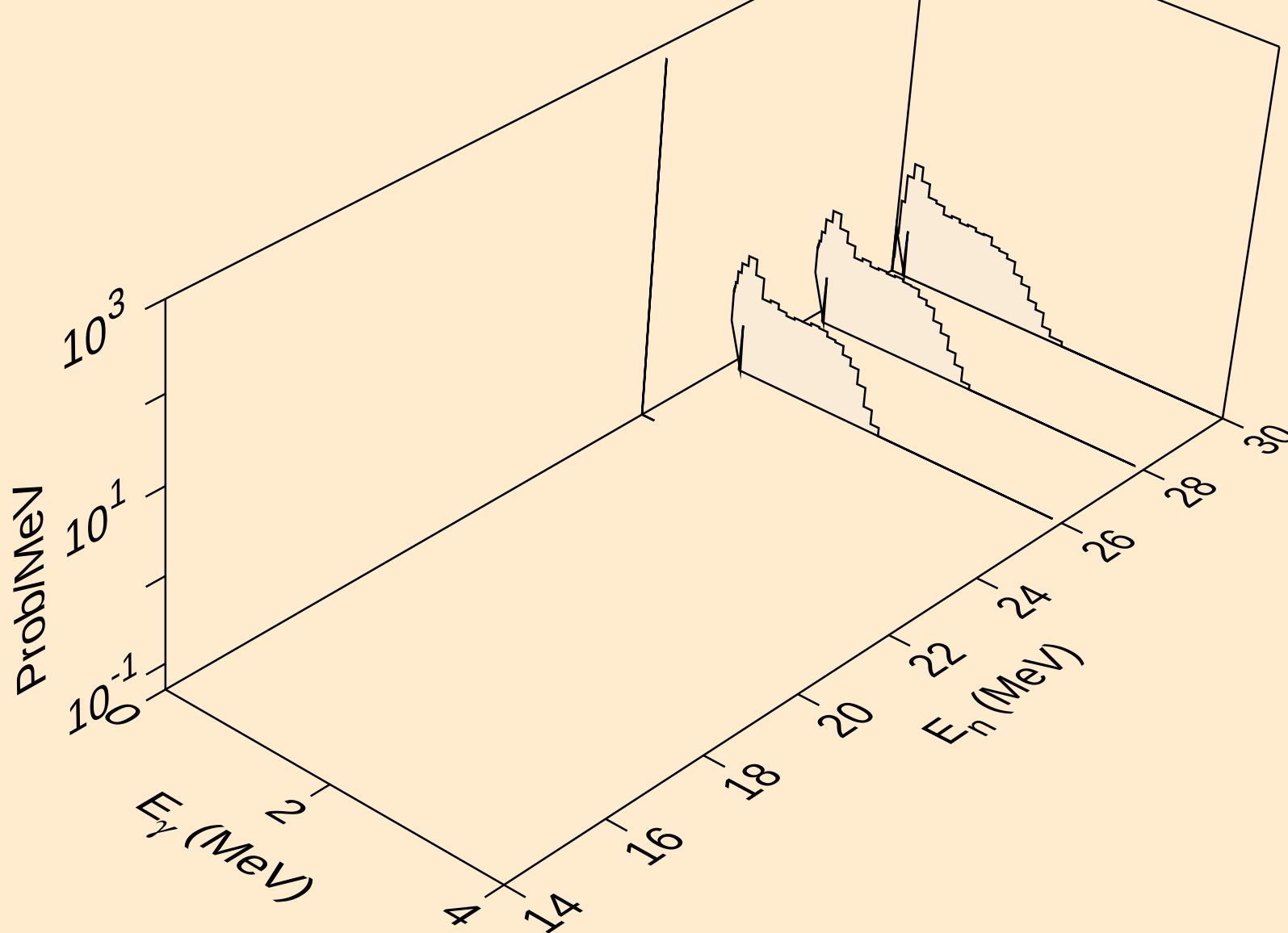


YB178 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

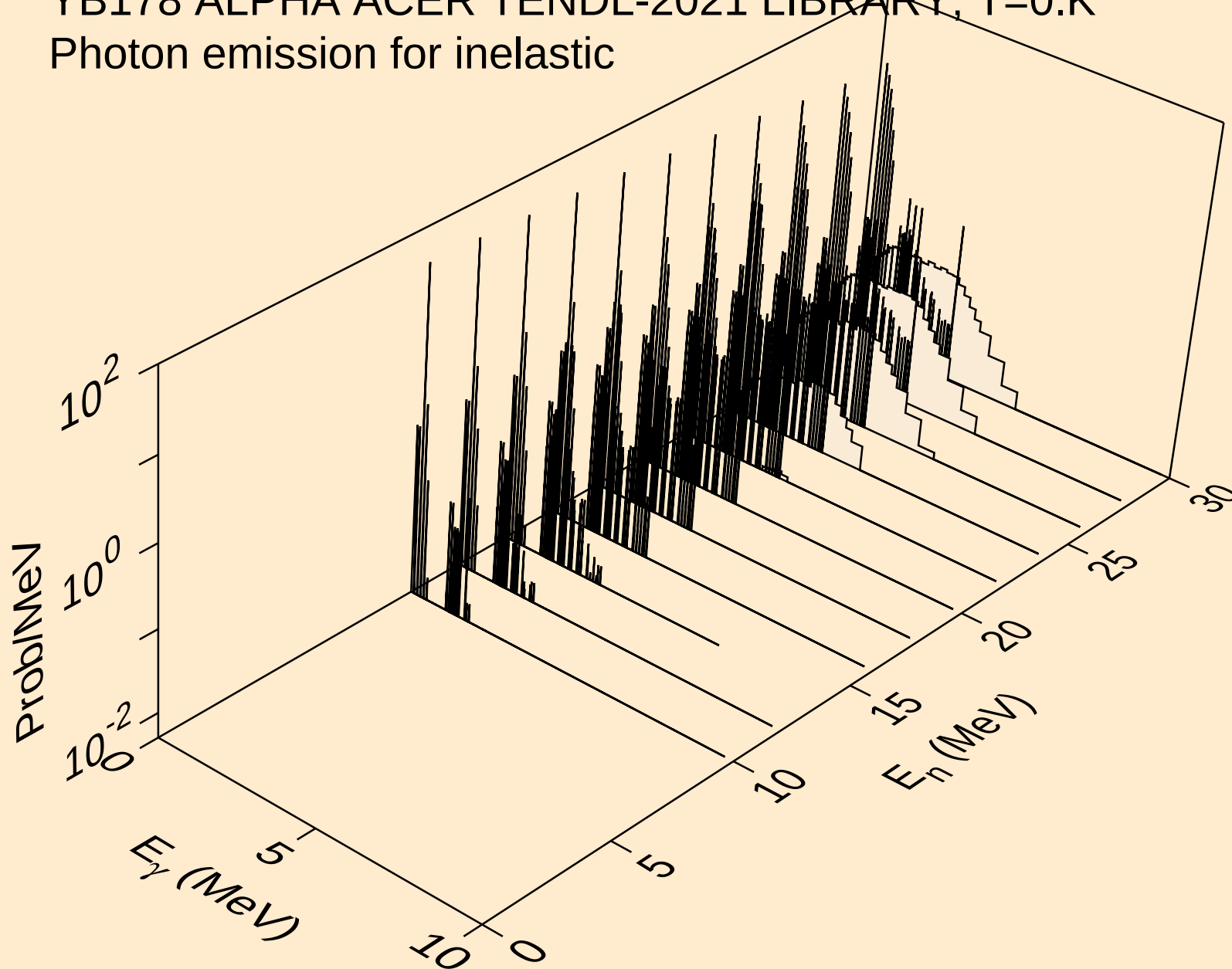
Photon emission for (n,t)



YB178 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,he3)

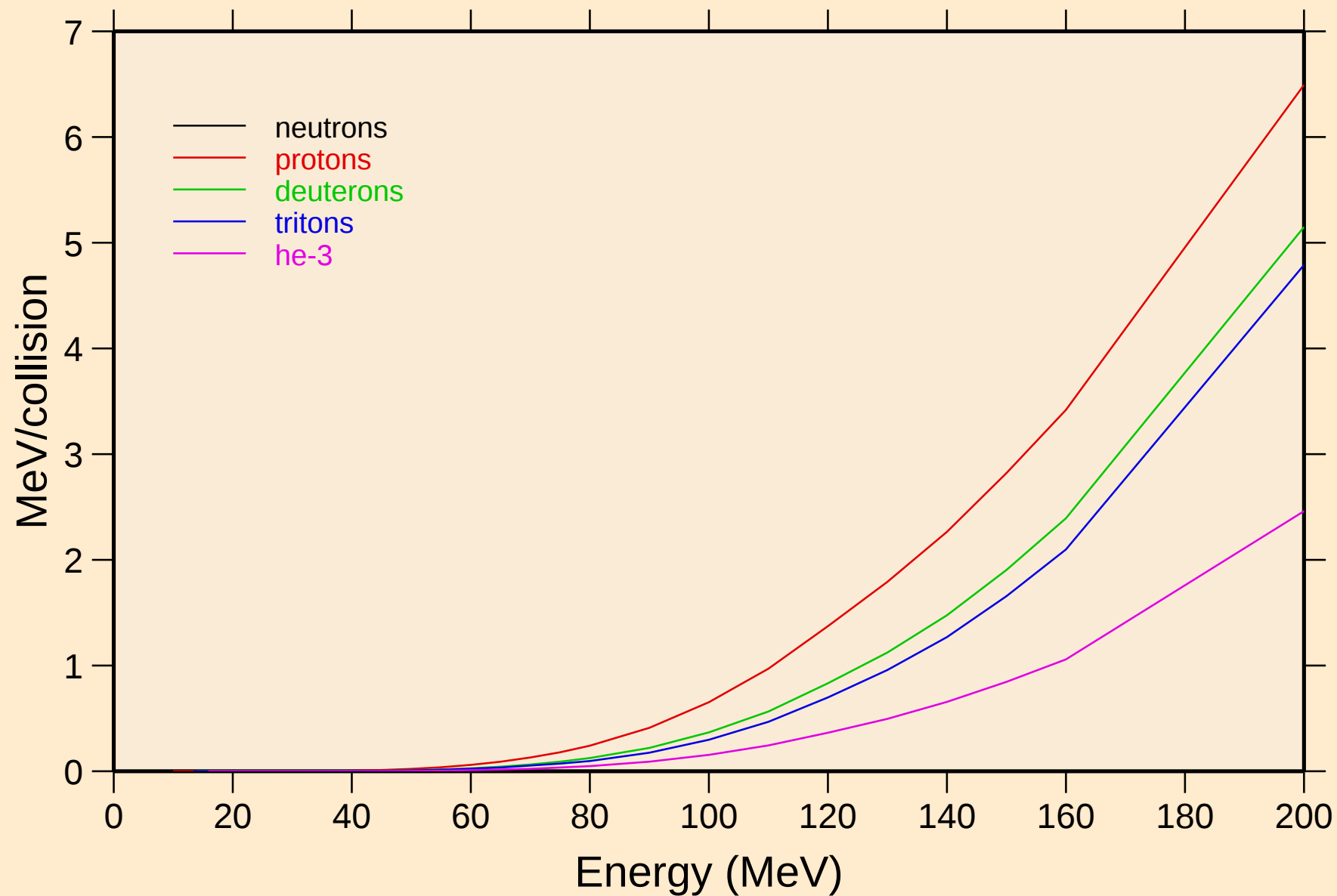


YB178 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for inelastic



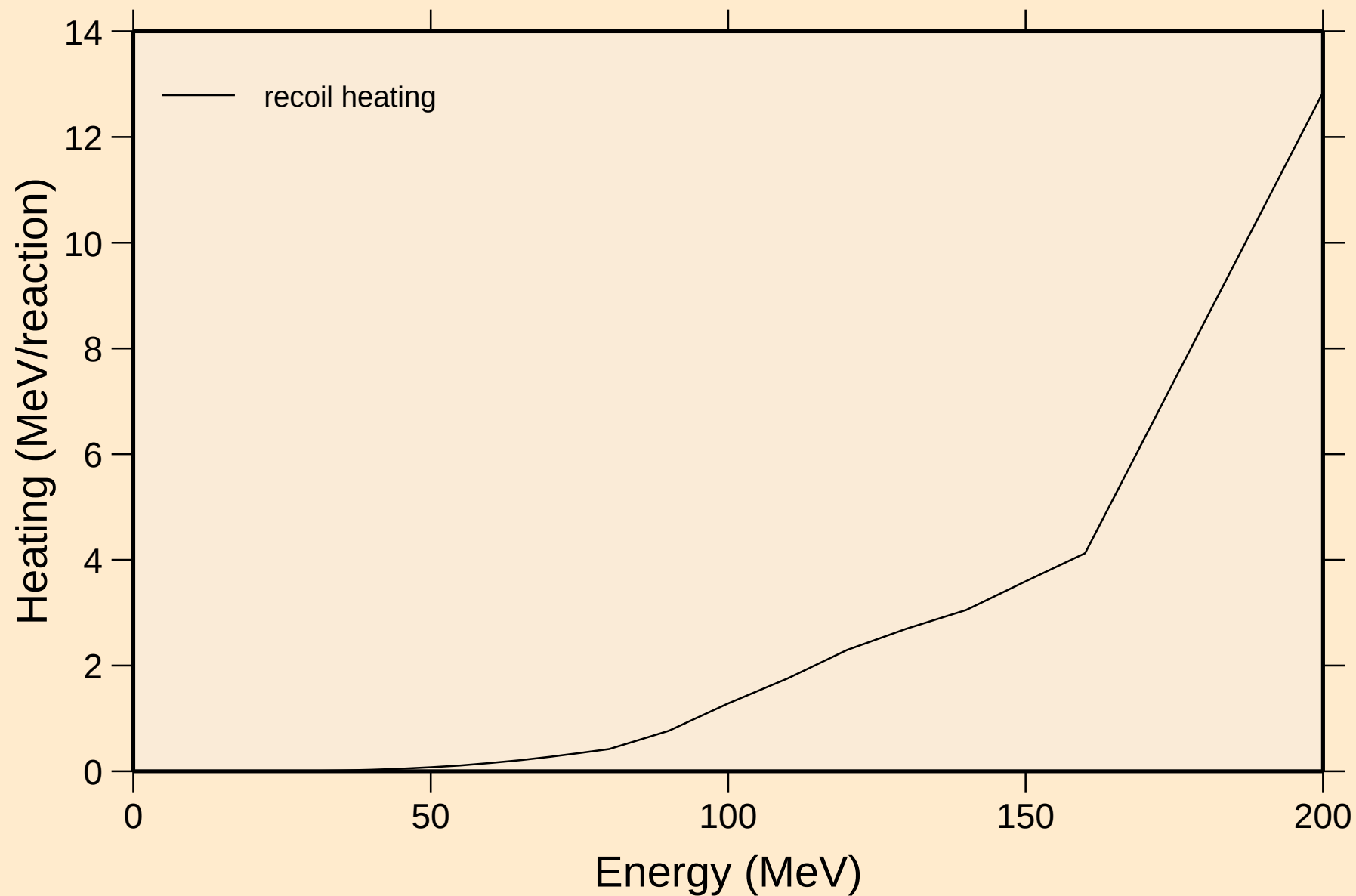
YB178 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Particle heating contributions



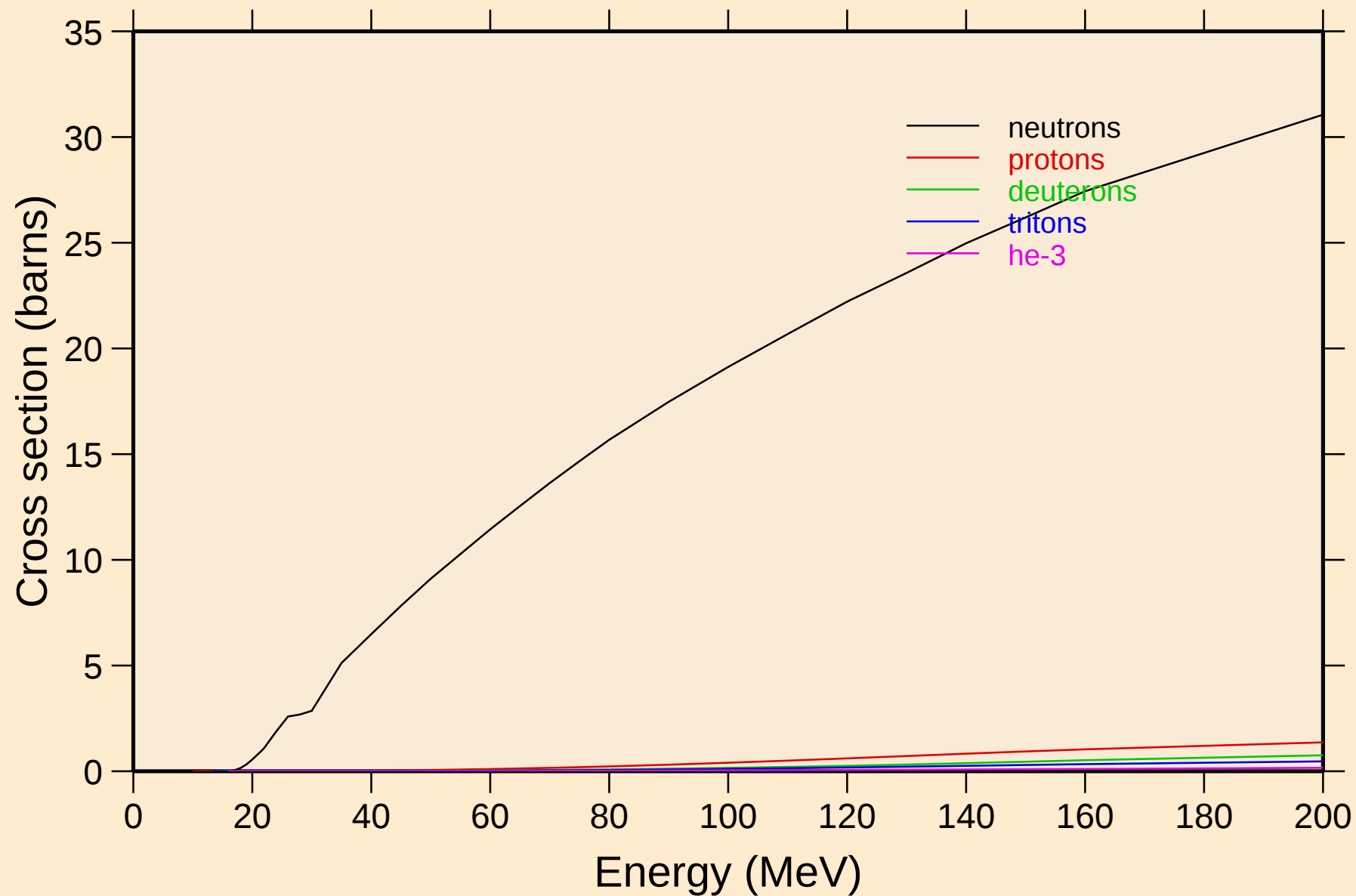
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Recoil Heating

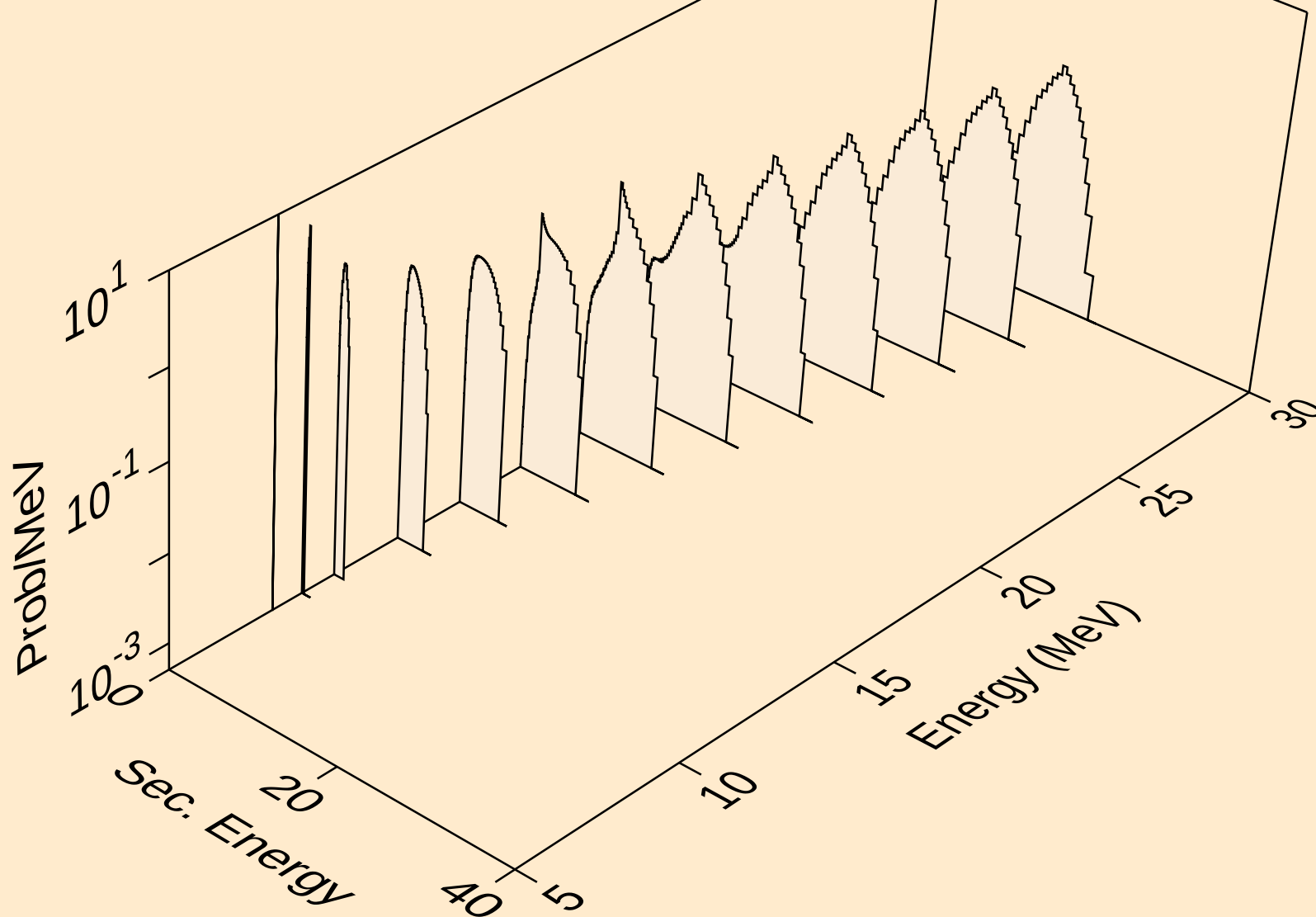


YB178 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

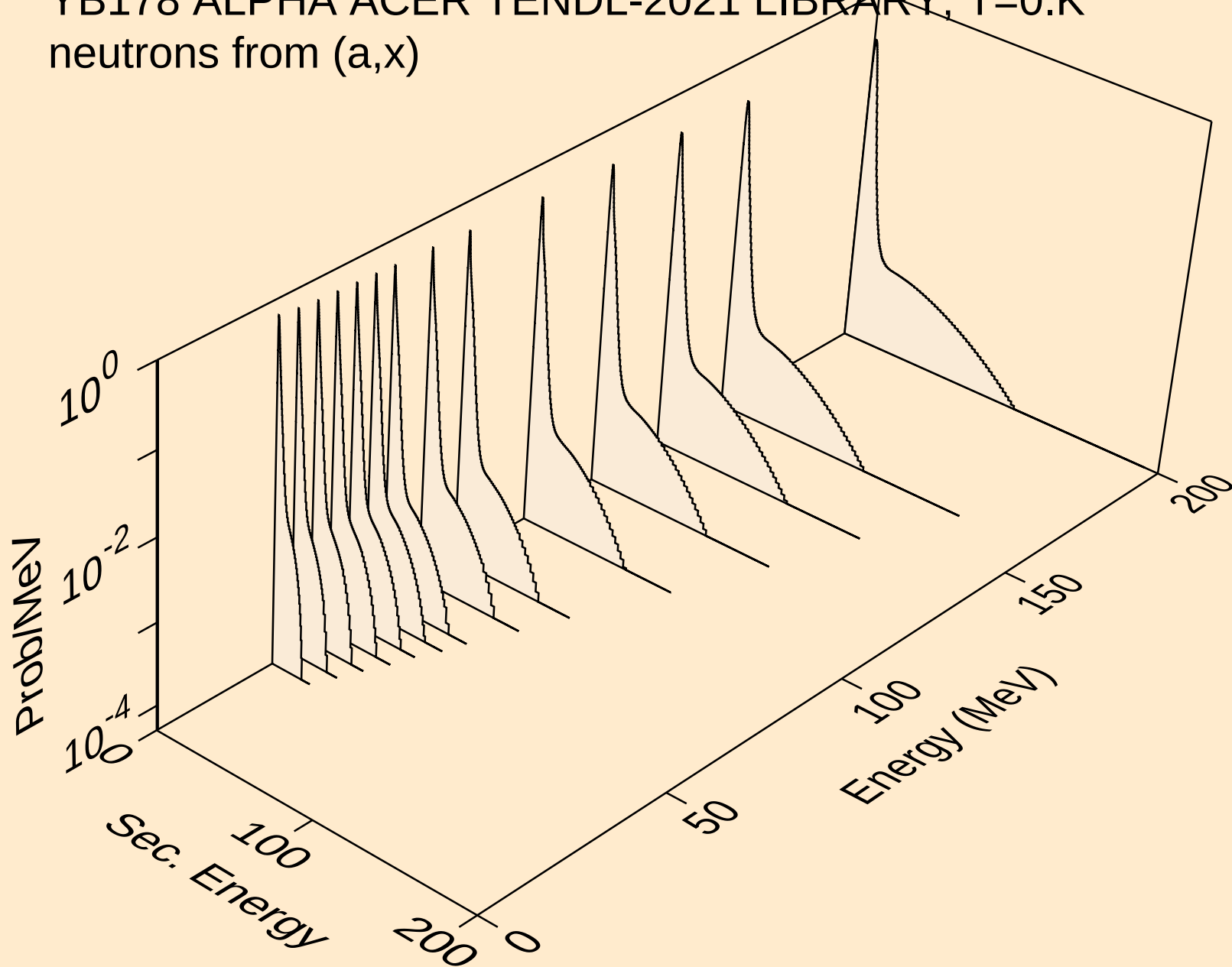
Particle production cross sections



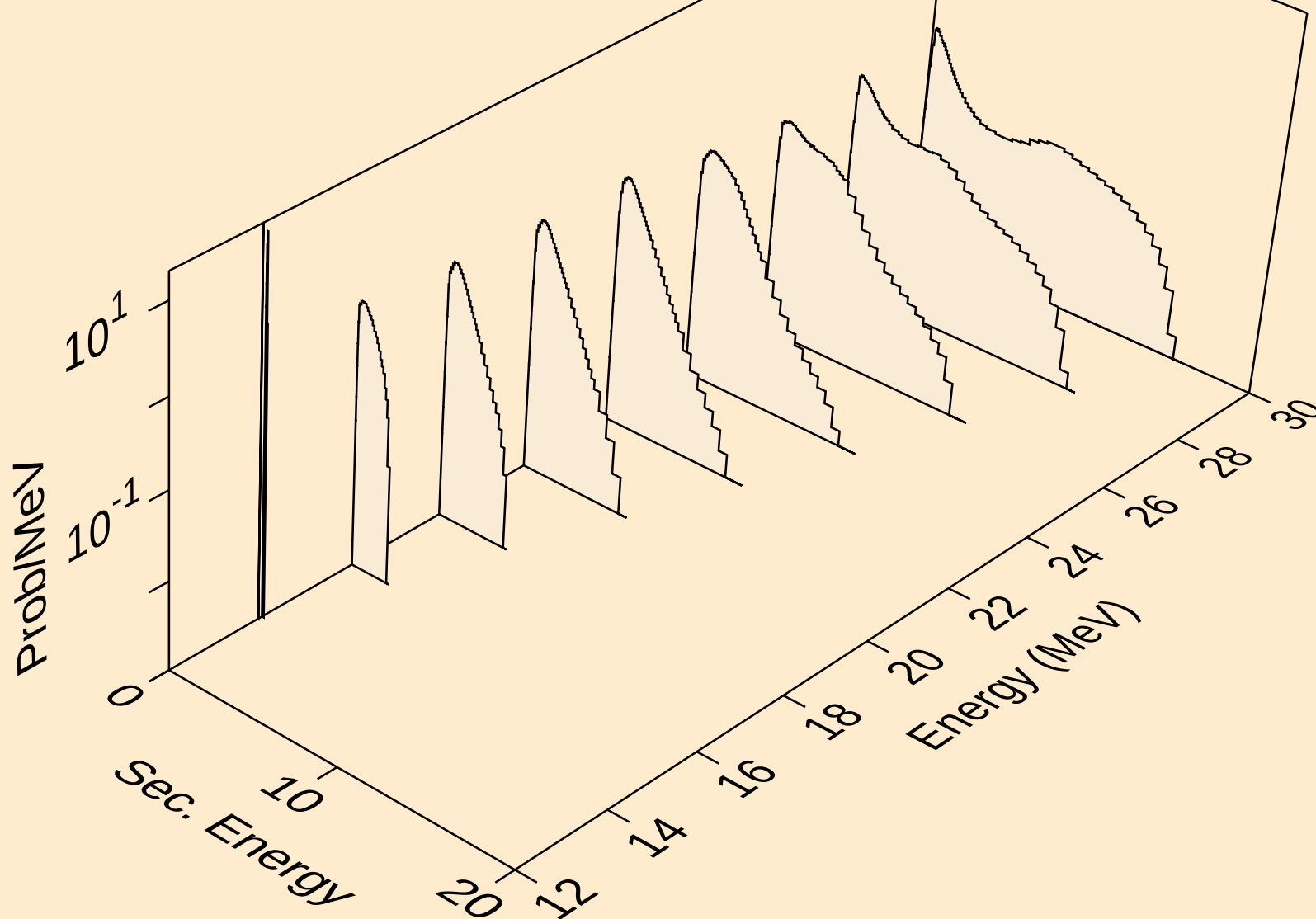
YB178 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,n)



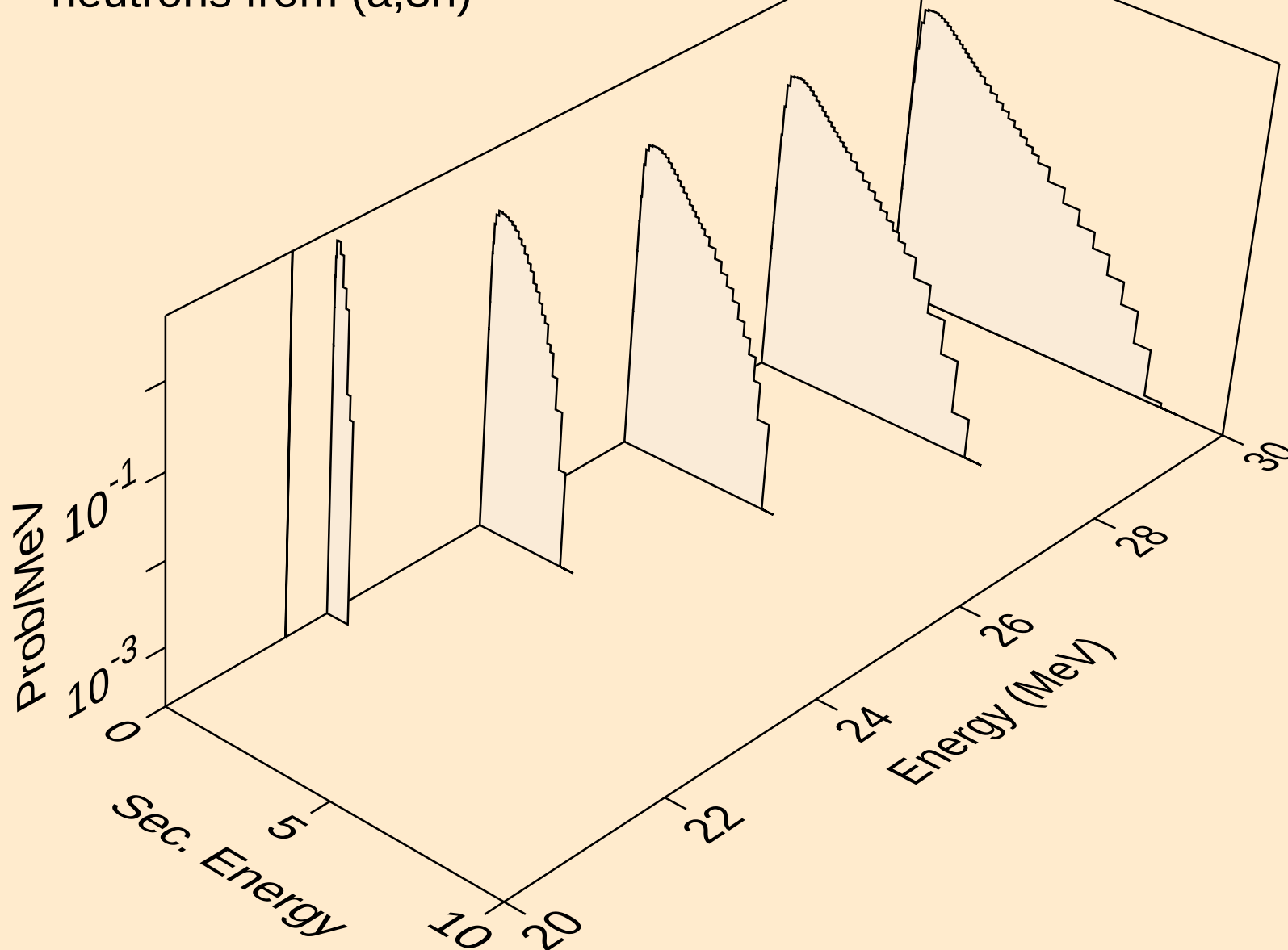
YB178 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,x)



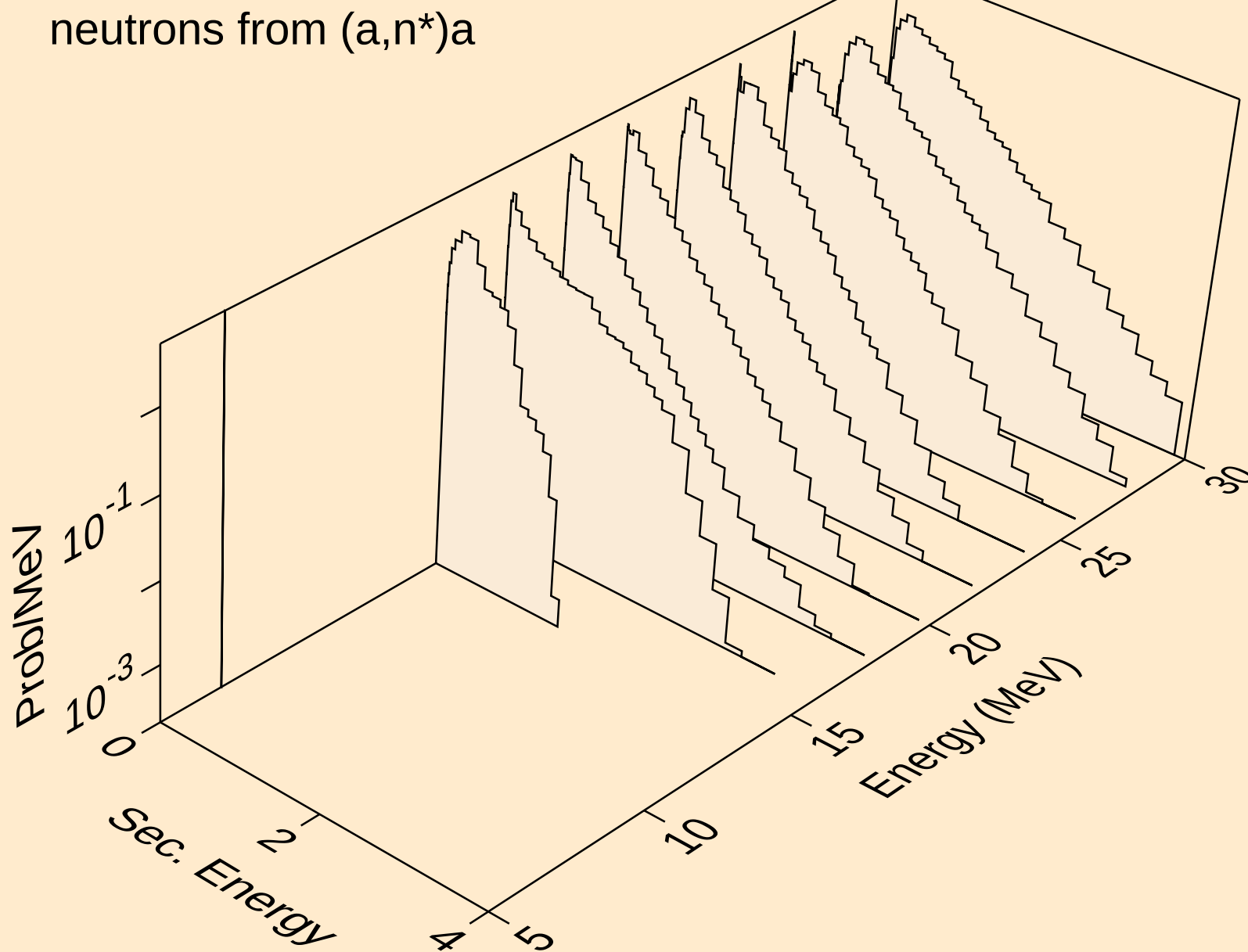
YB178 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,2n)



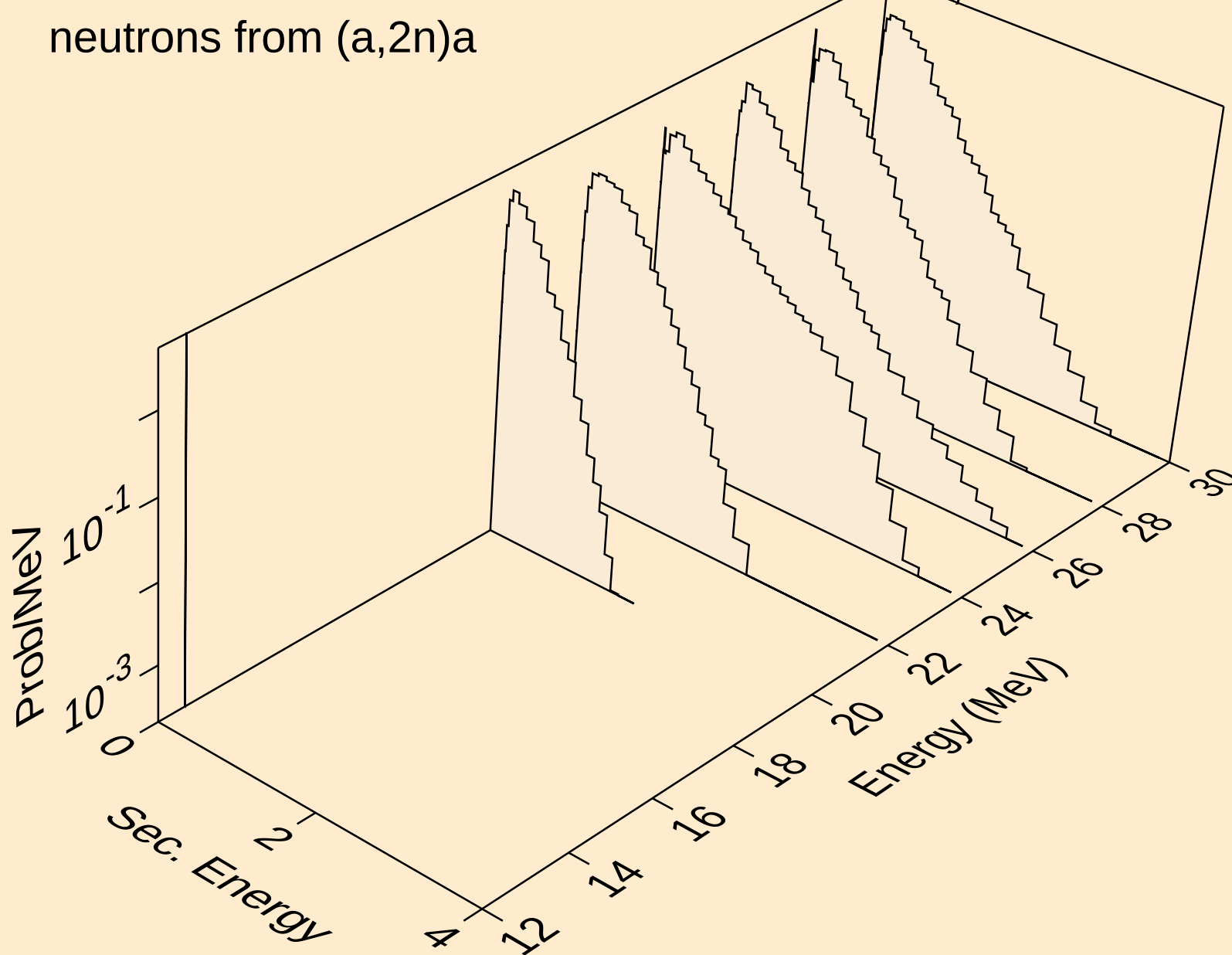
YB178 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,3n)



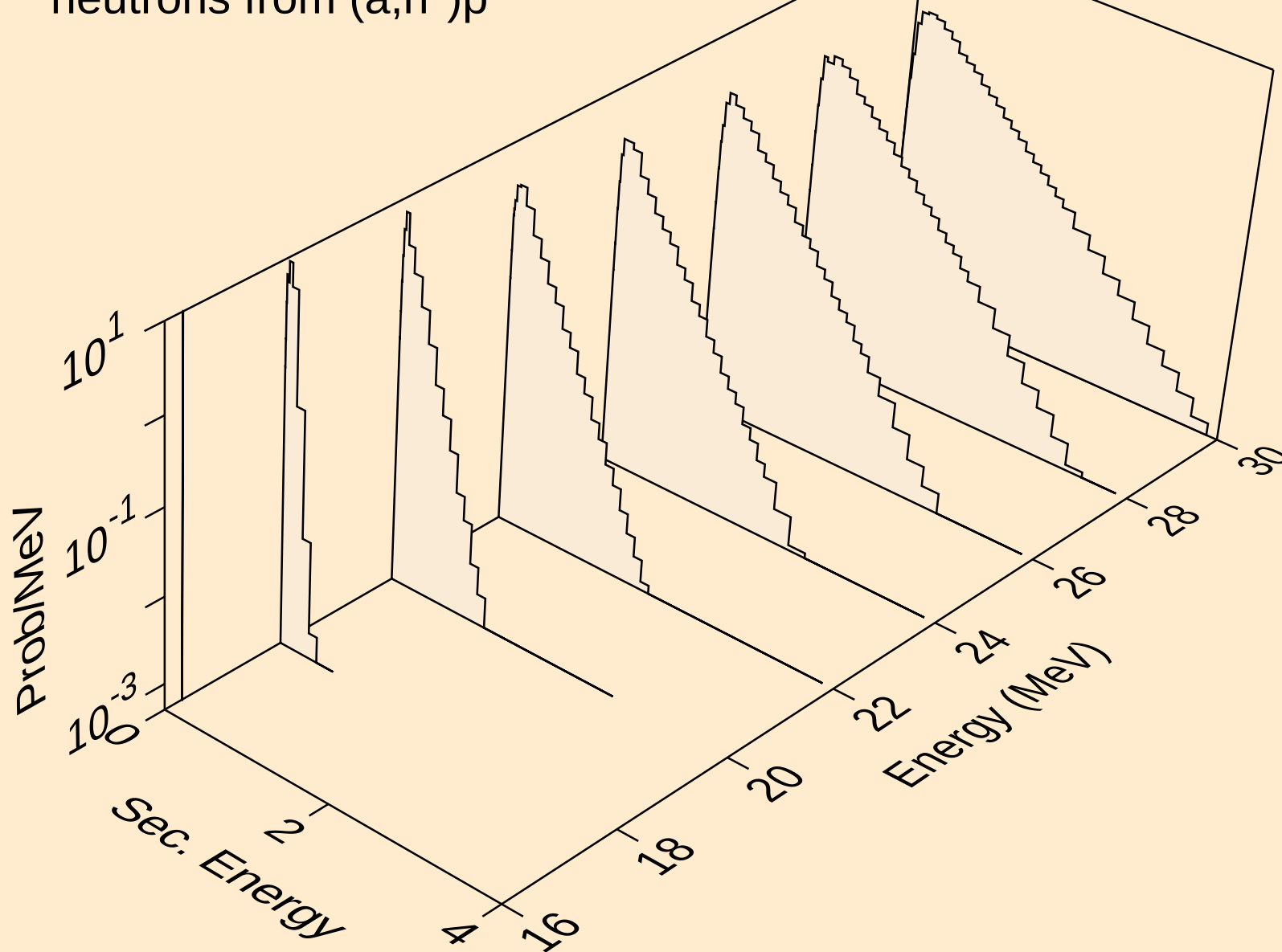
YB178 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,n*)a



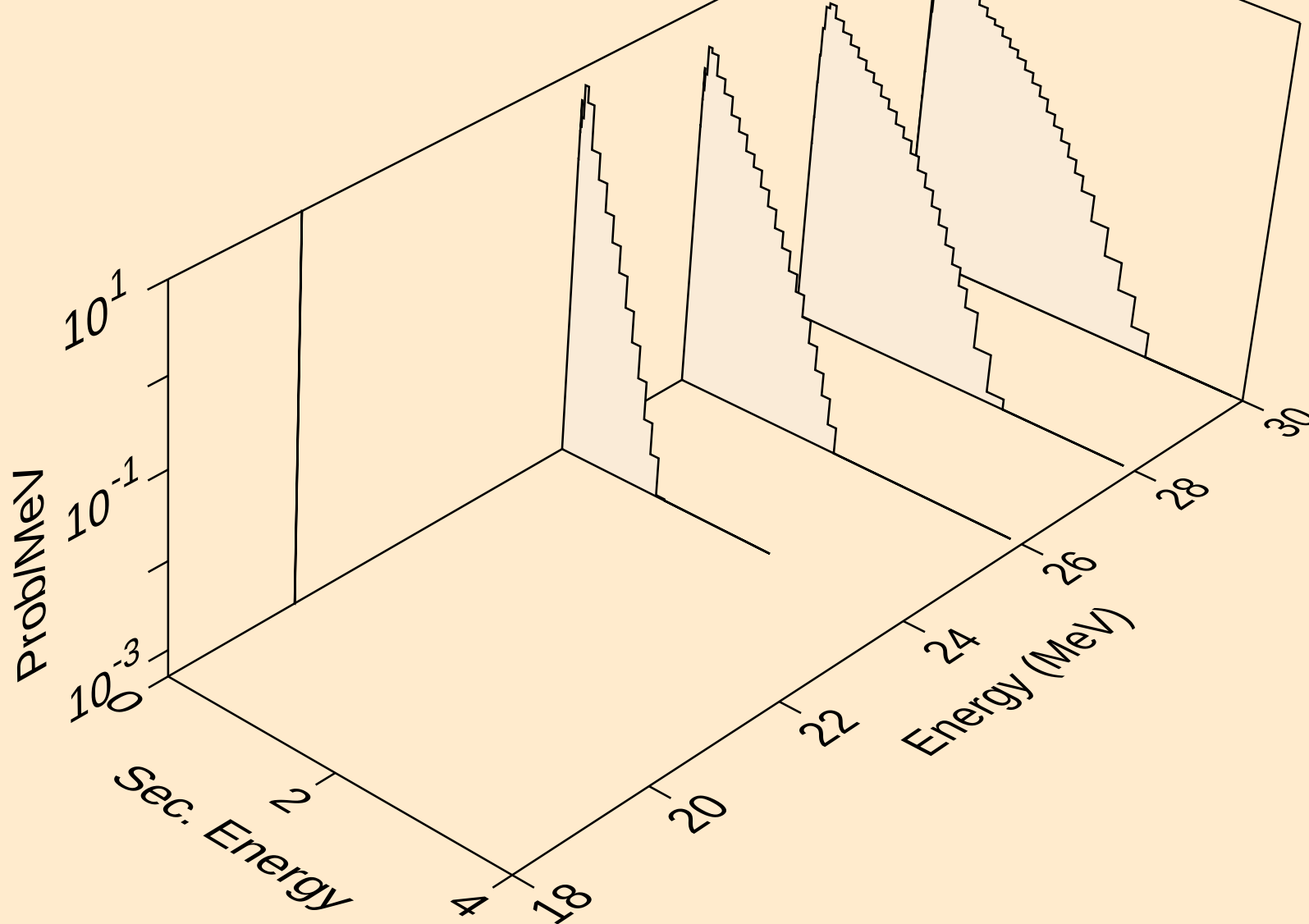
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neutrons from (a,2n)a



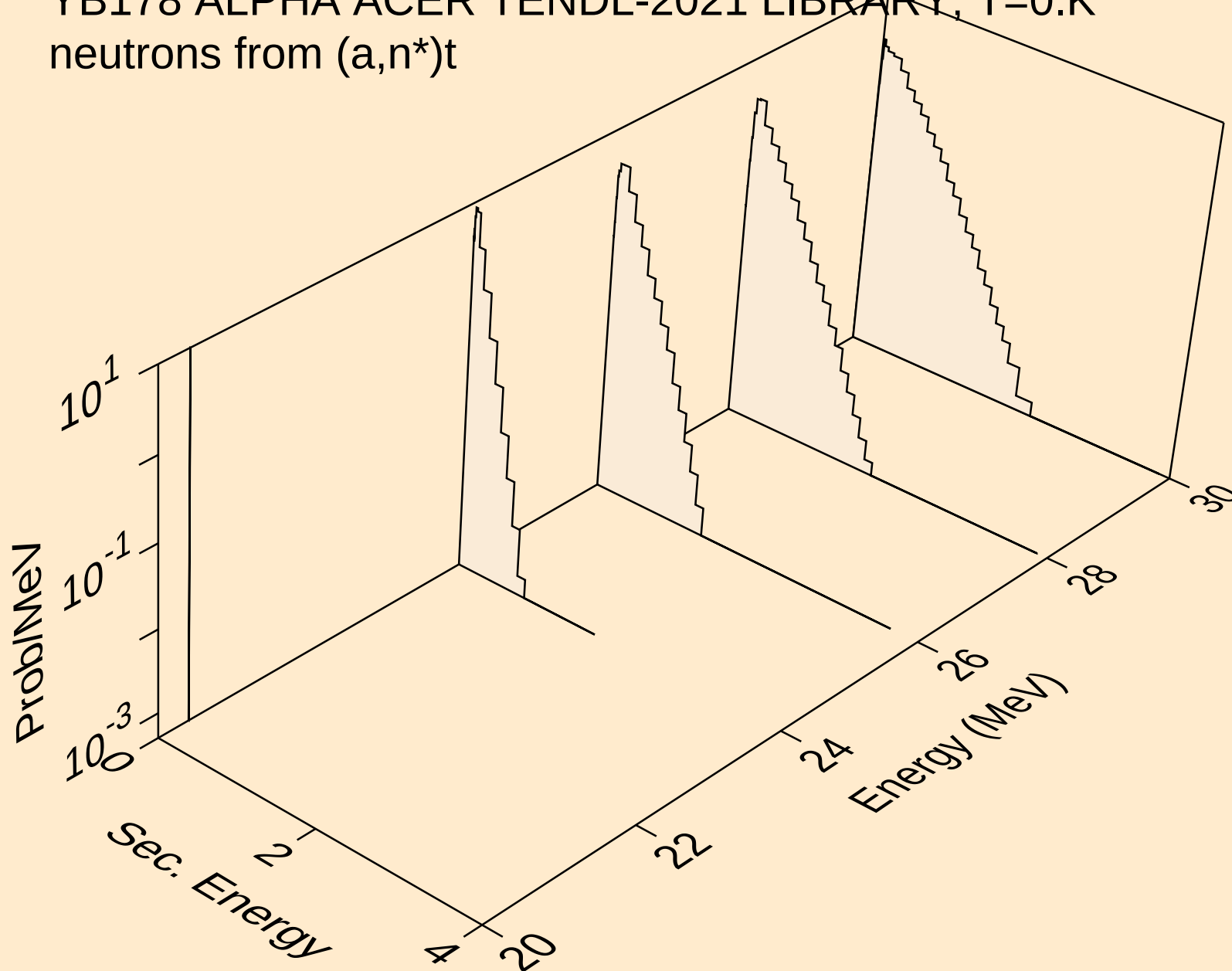
YB178 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,n*)p



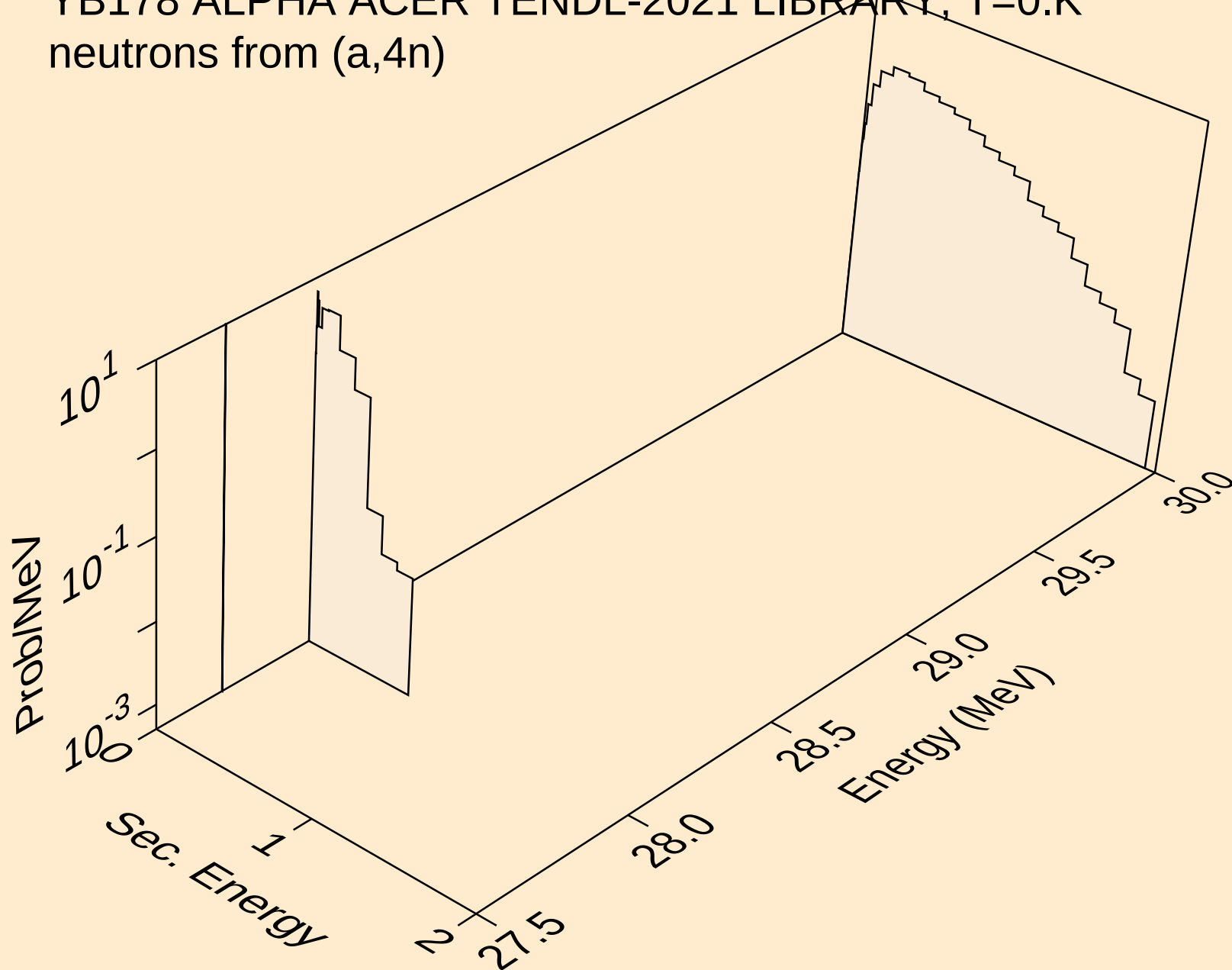
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neutrons from (a,n*)d



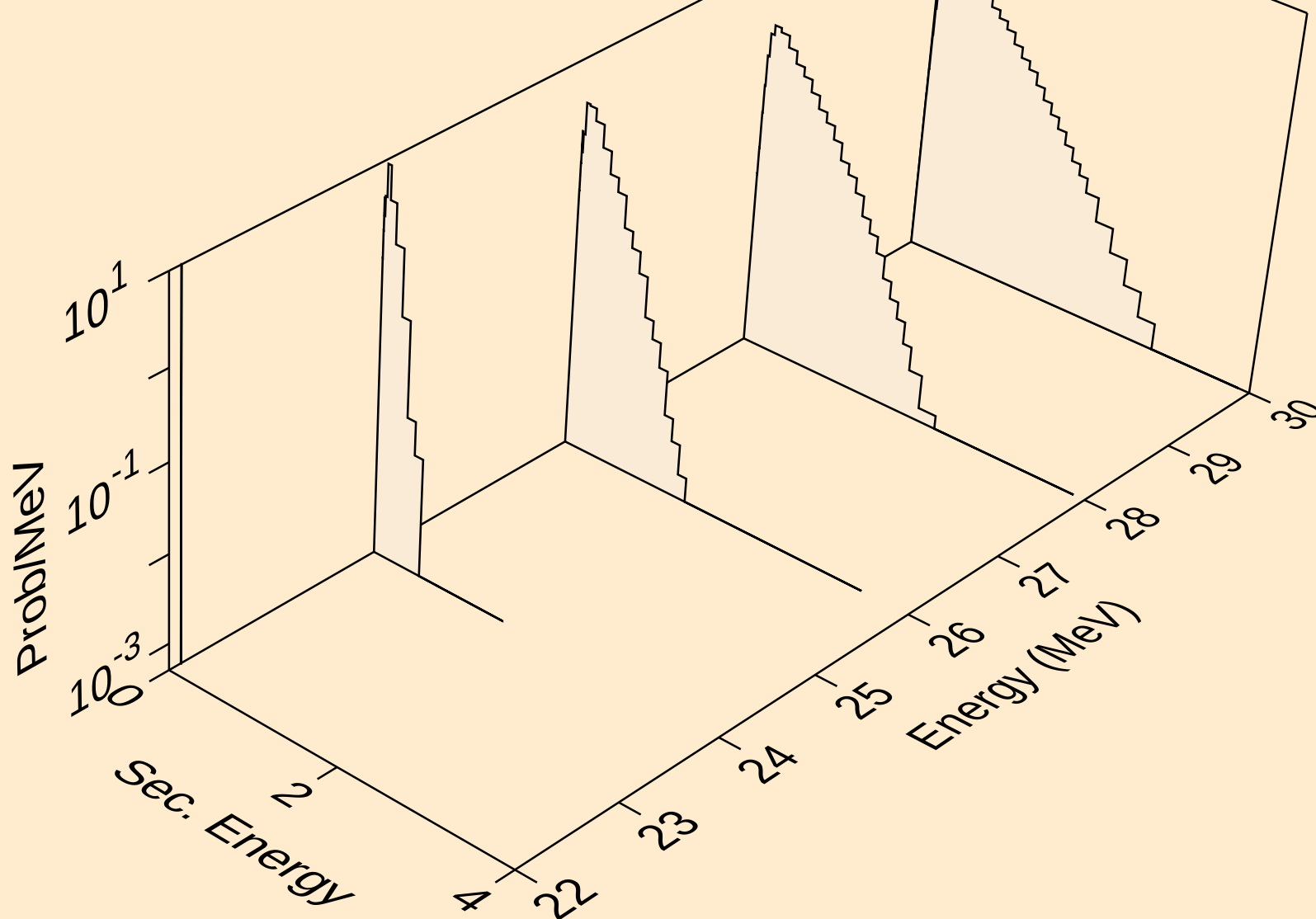
YB178 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,n*)t



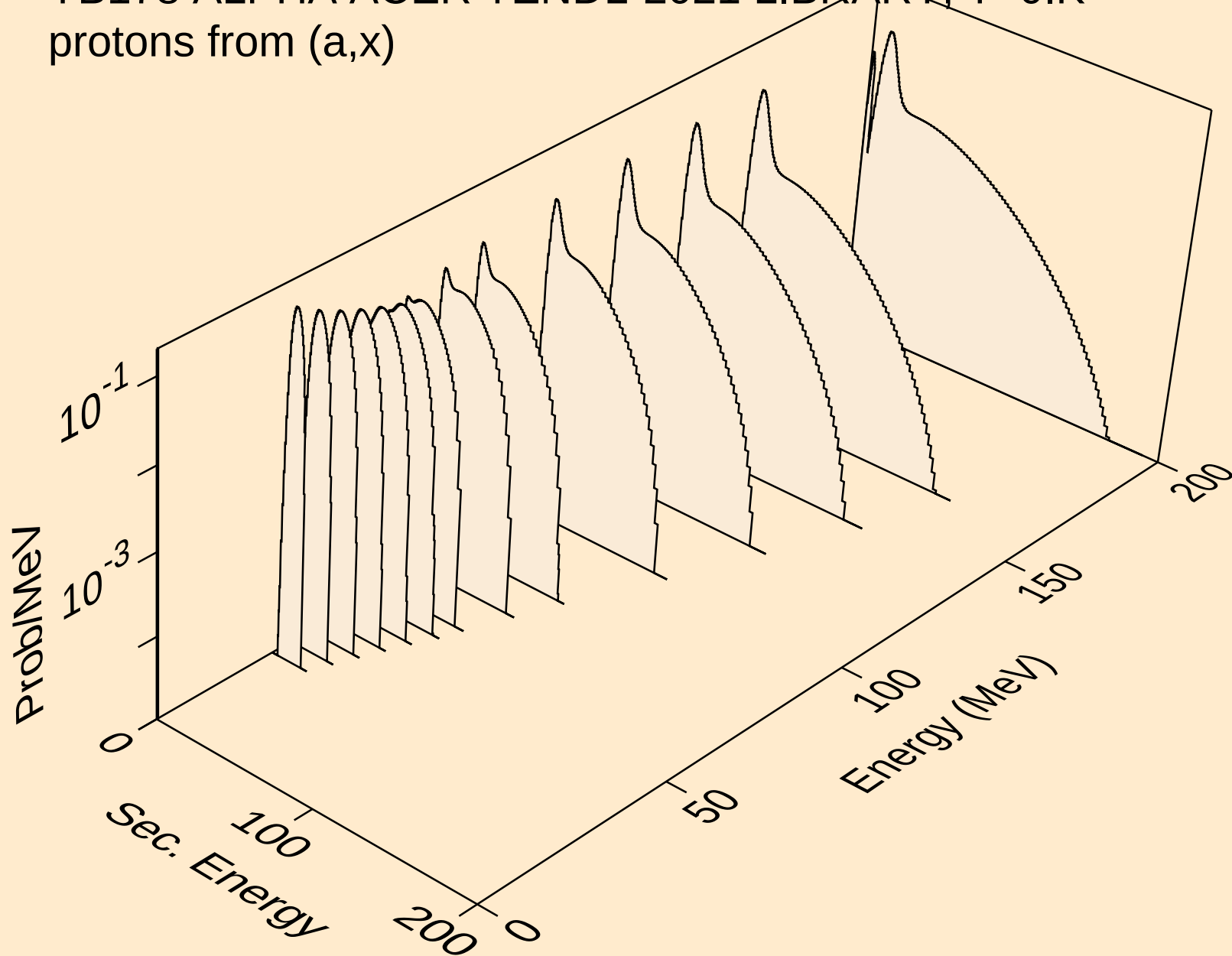
YB178 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,4n)



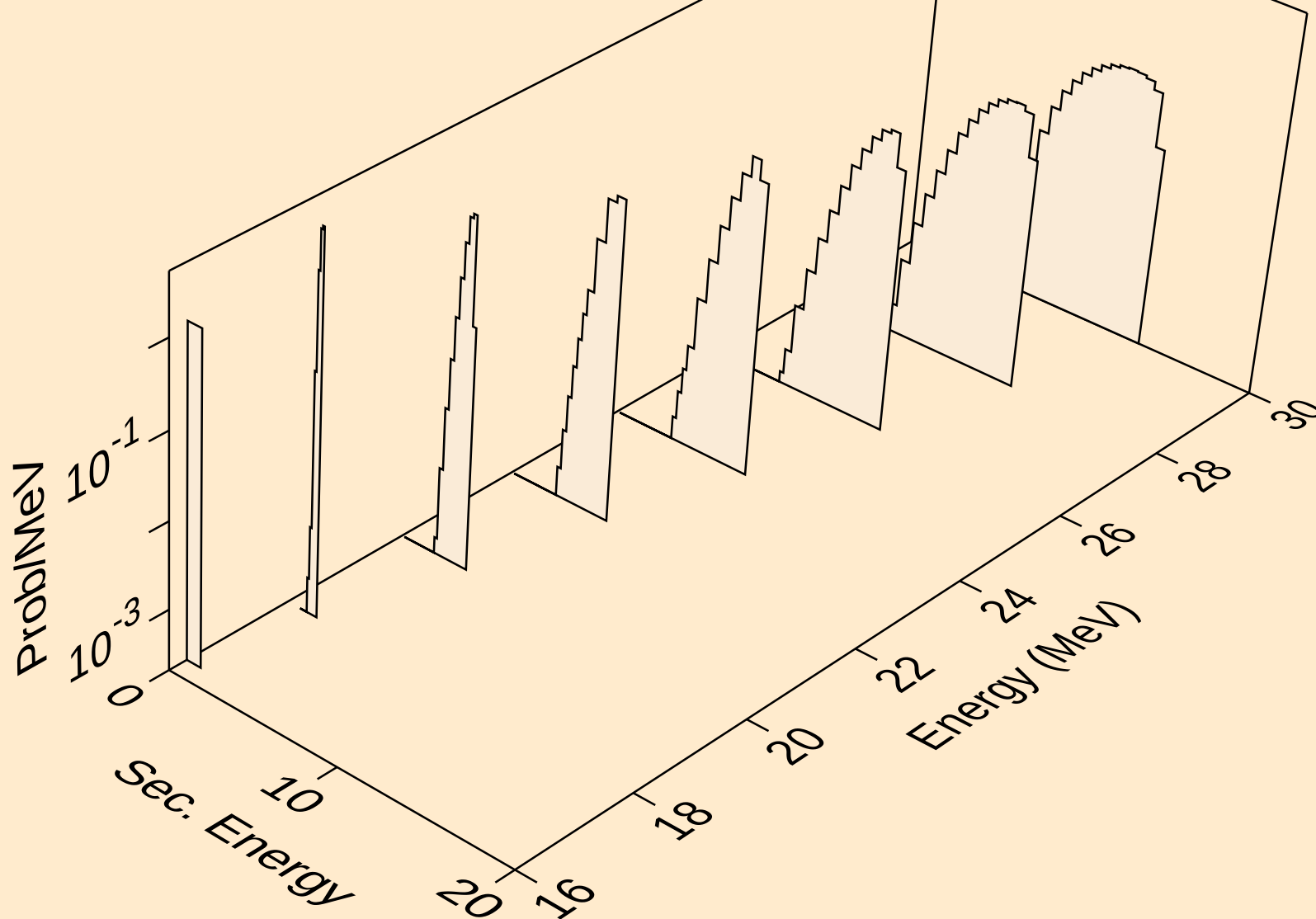
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neutrons from (a,2np)



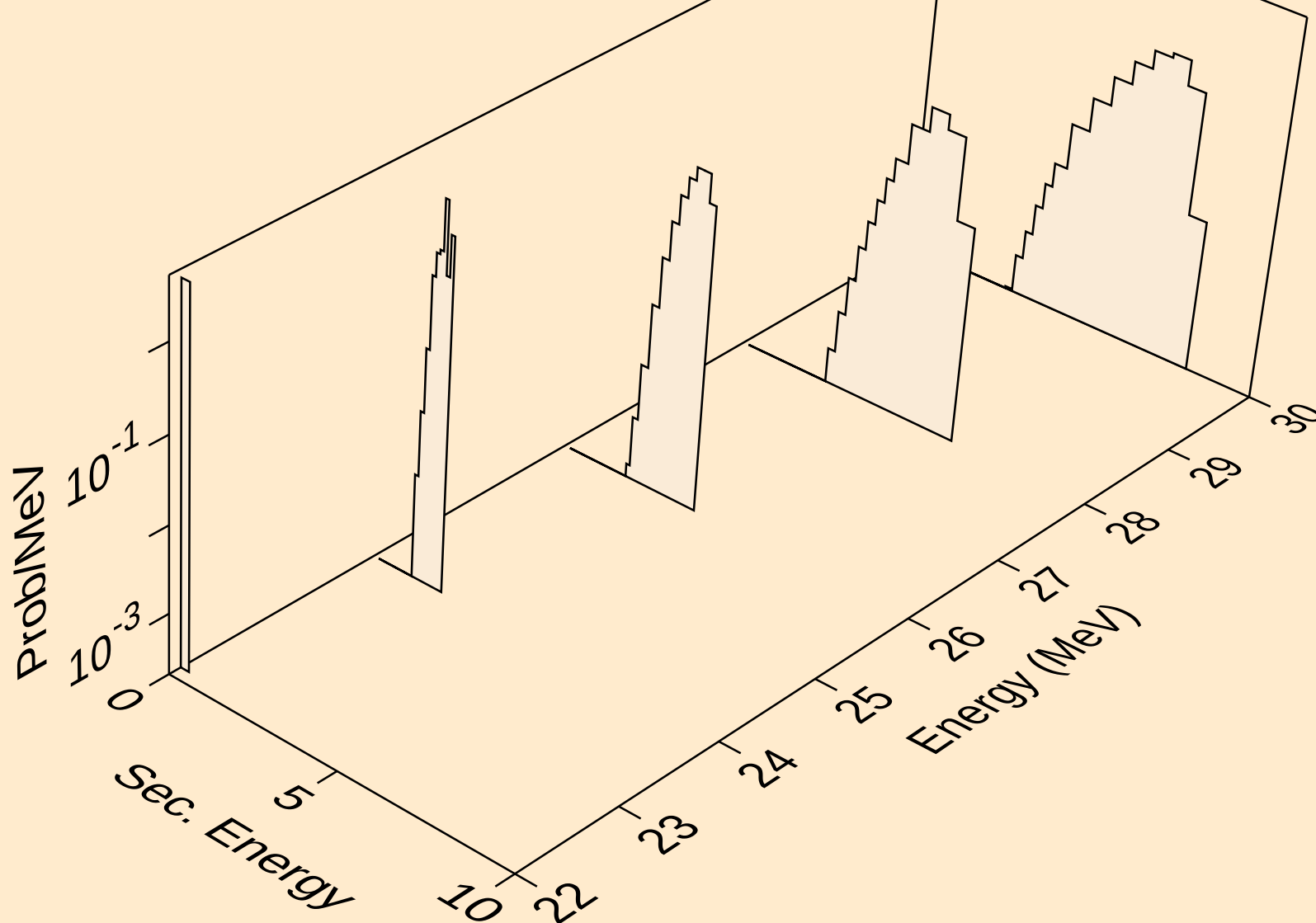
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protons from (a,x)



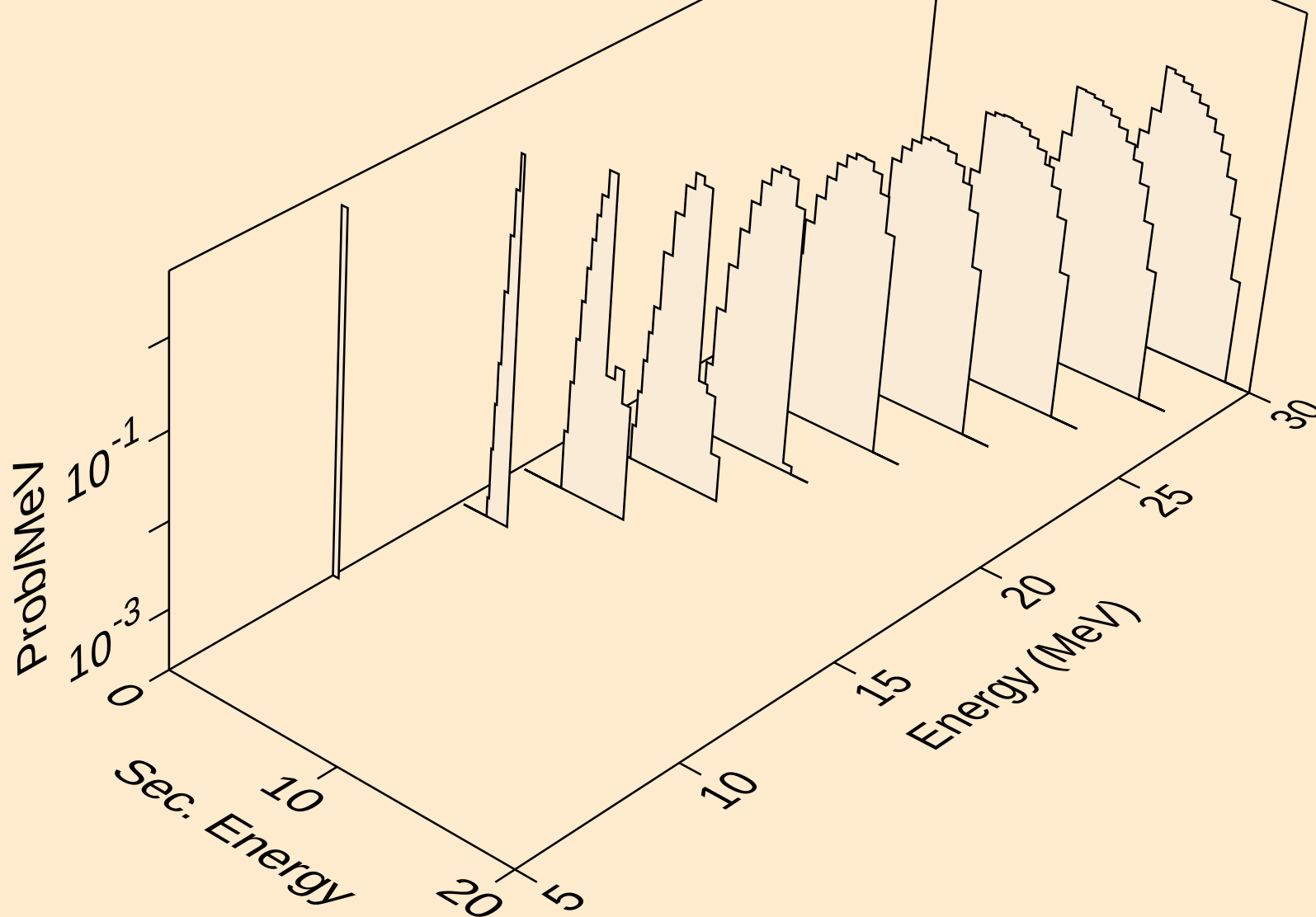
YB178 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
protons from (a,n*)p



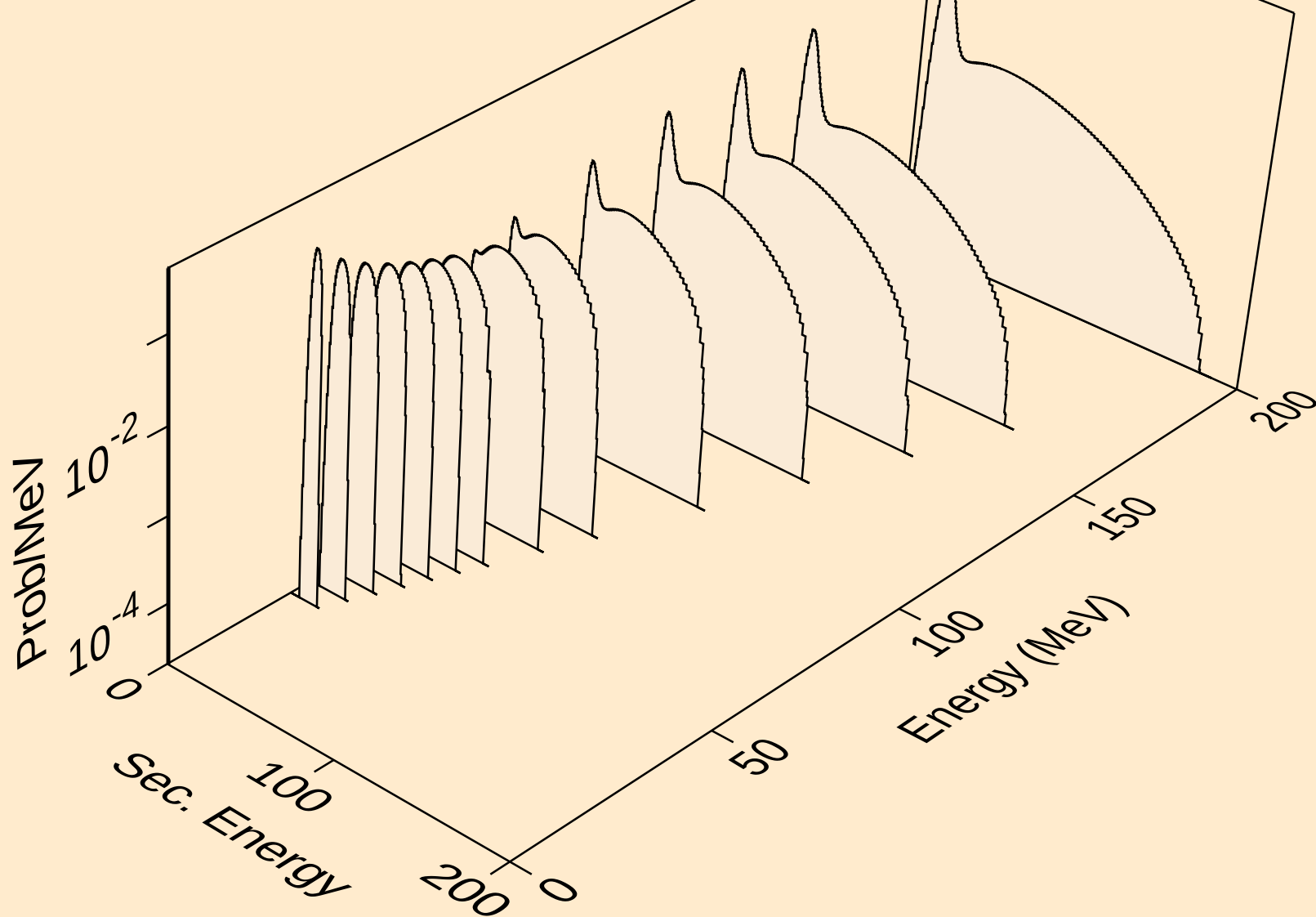
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protons from (a,2np)



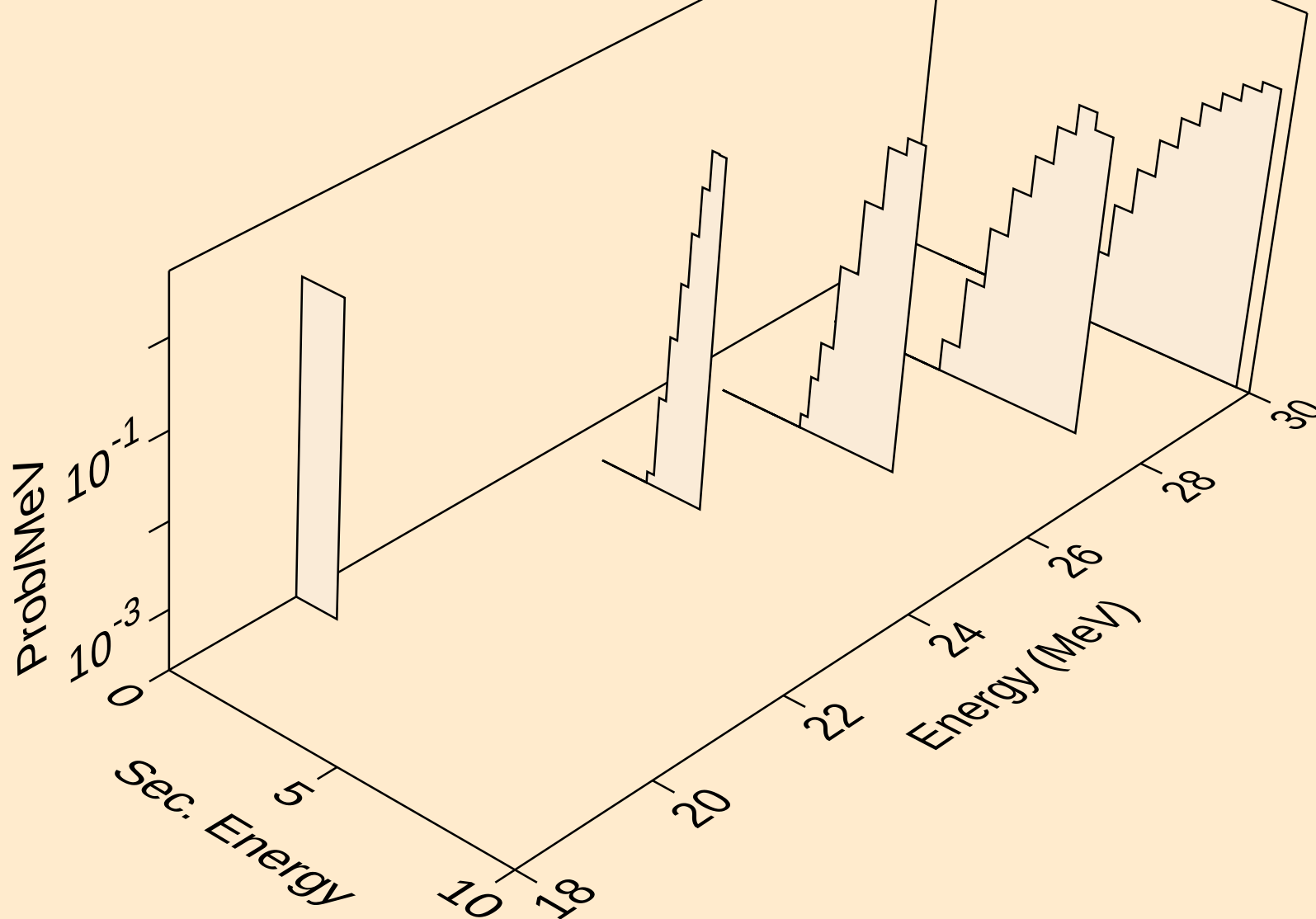
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protons from (a,p)



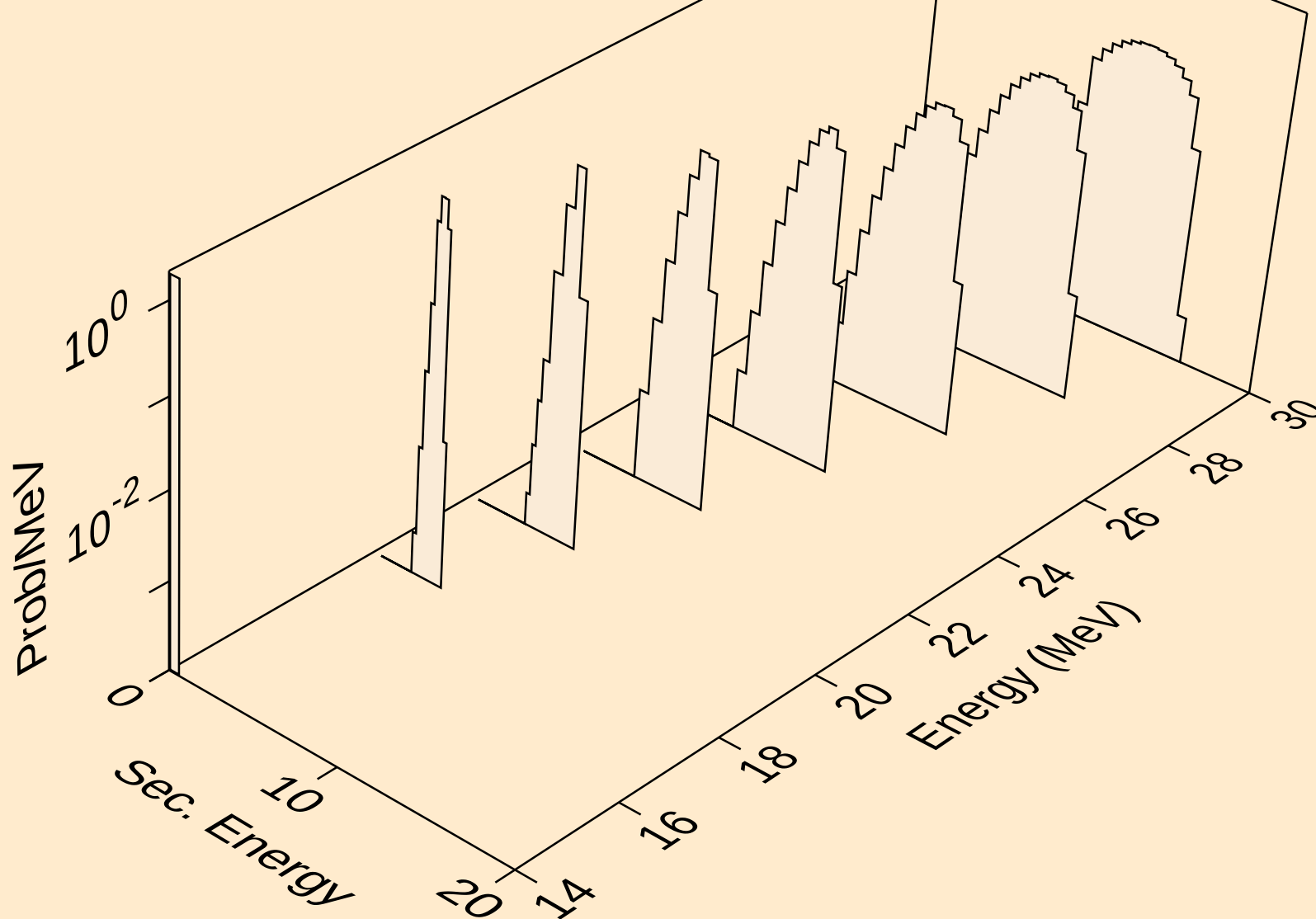
YB178 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
deuterons from (a,x)



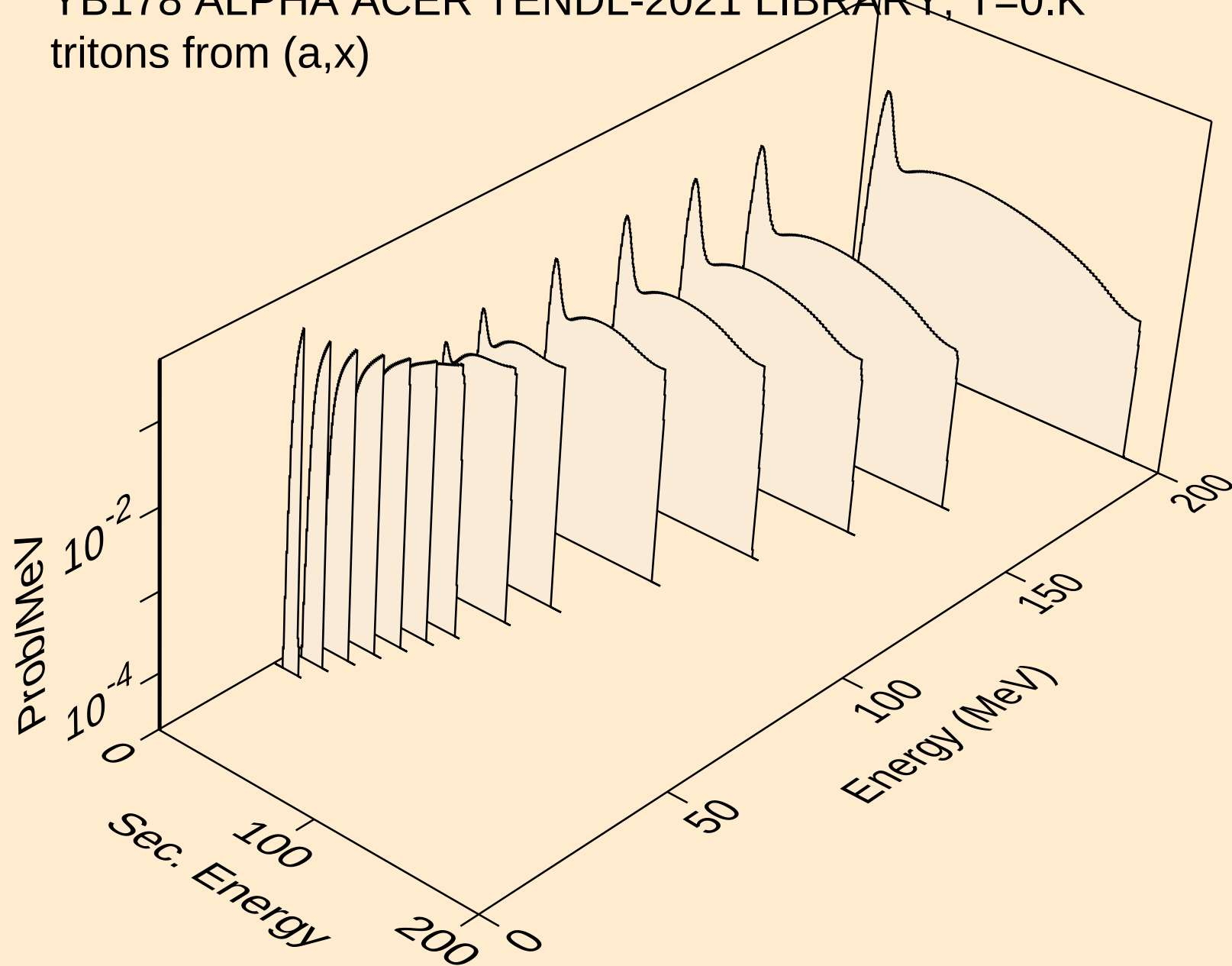
YB178 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
deuterons from (a,n*)d



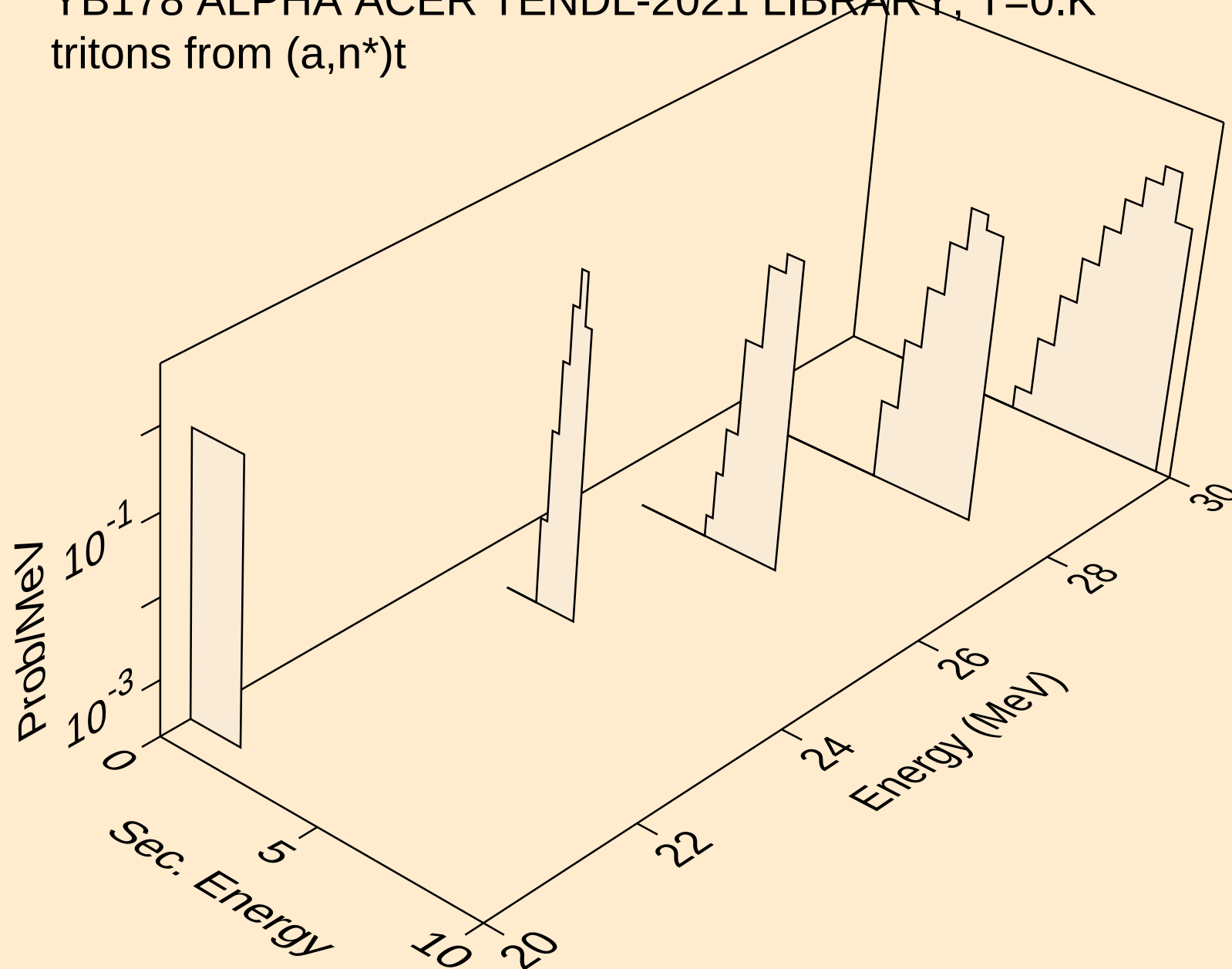
YB178 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
deuterons from (a,d)



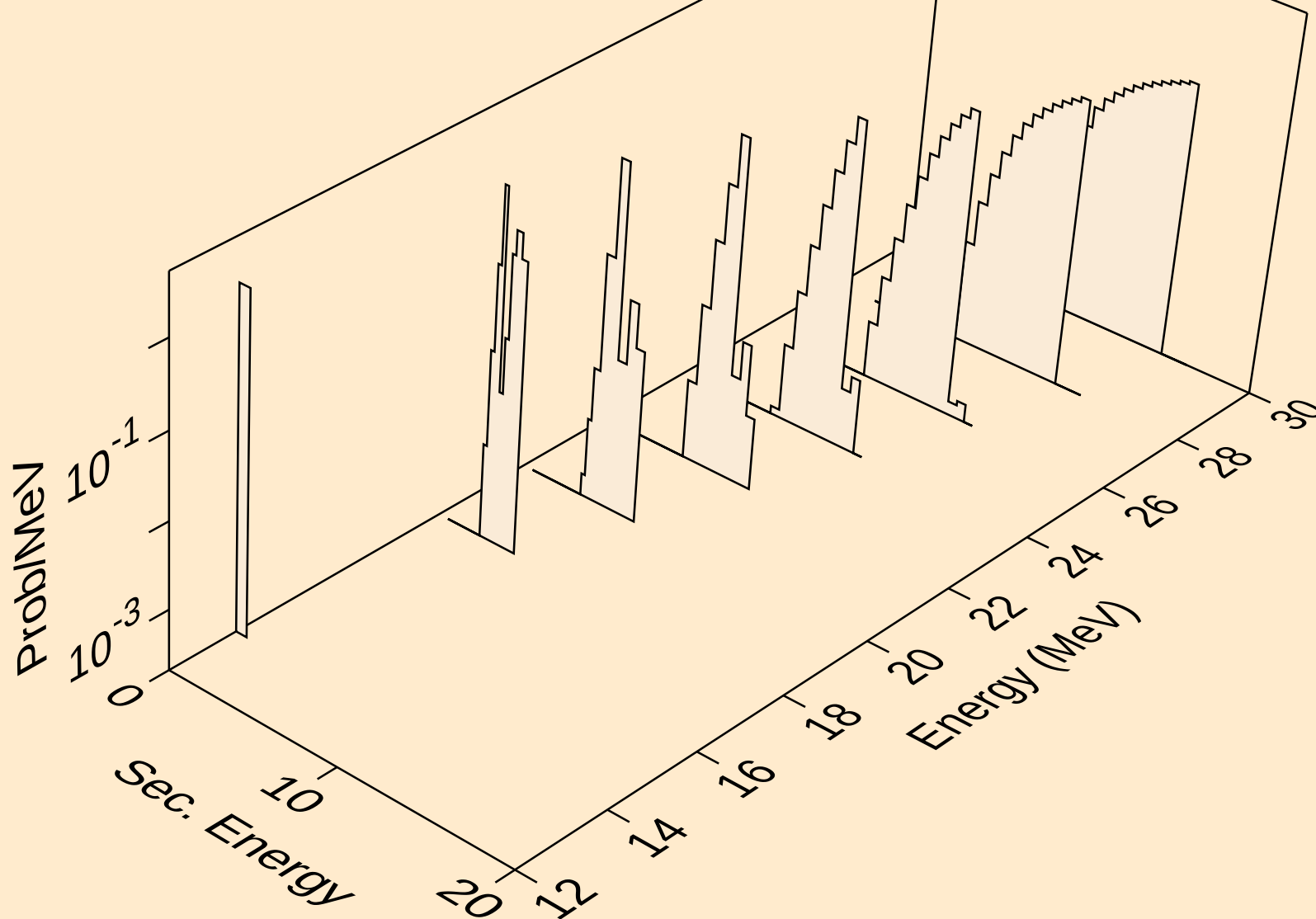
YB178 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
tritons from (a,x)



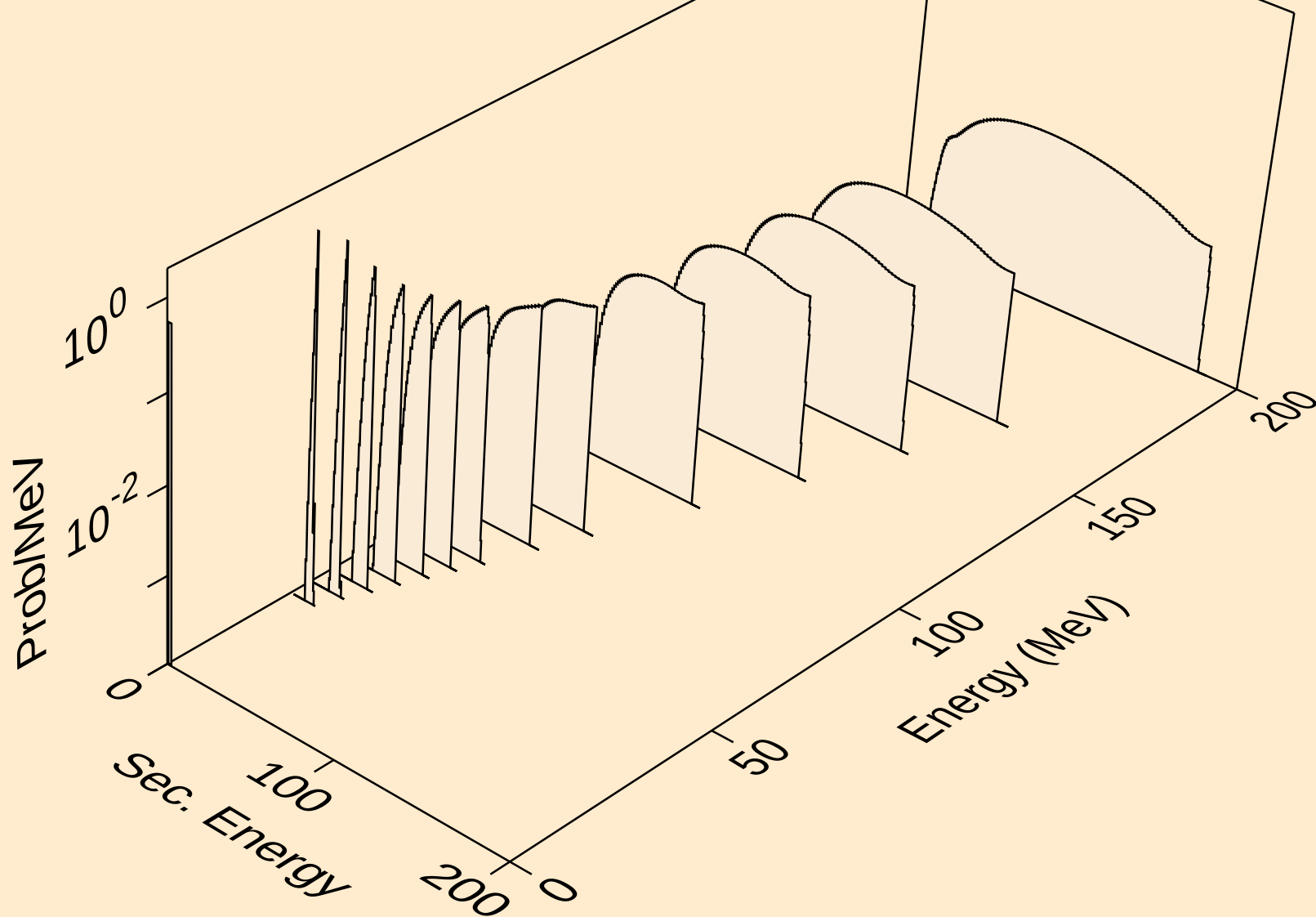
YB178 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
tritons from (a,n*)t



YB178 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
tritons from (a,t)



YB178 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
he3s from (a,x)



YB178 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
he3s from (a,he3)

