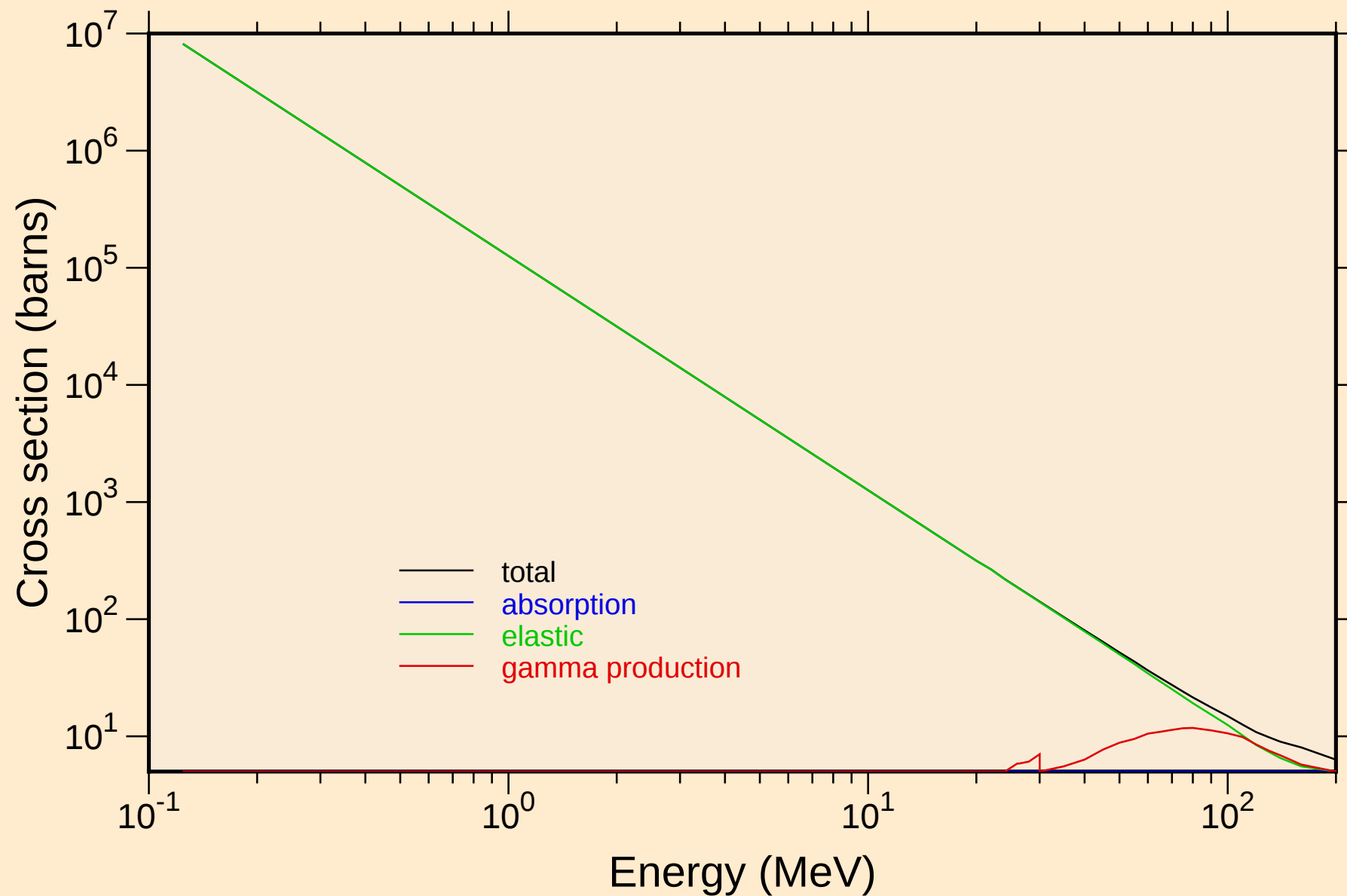


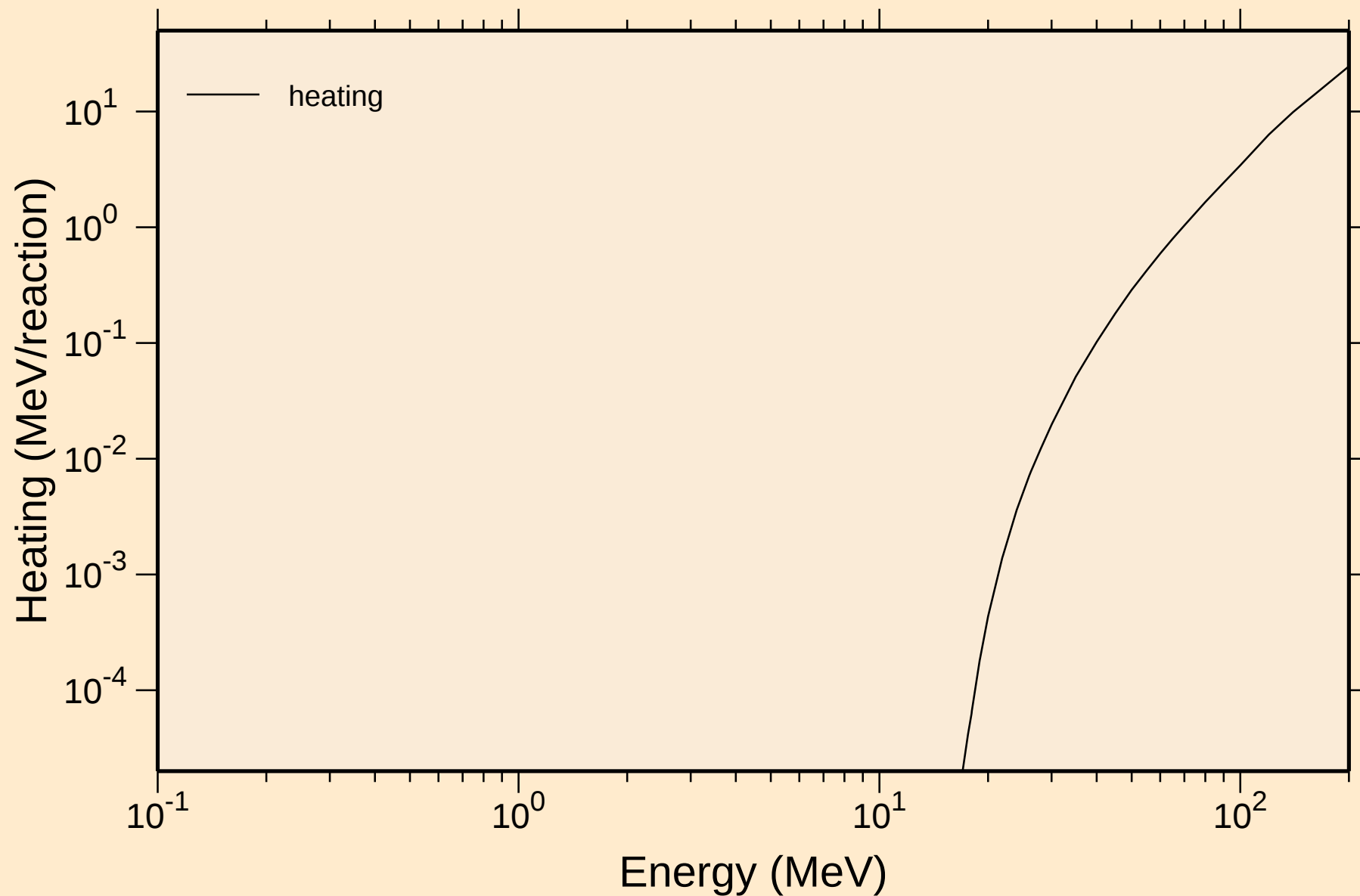
YB163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections



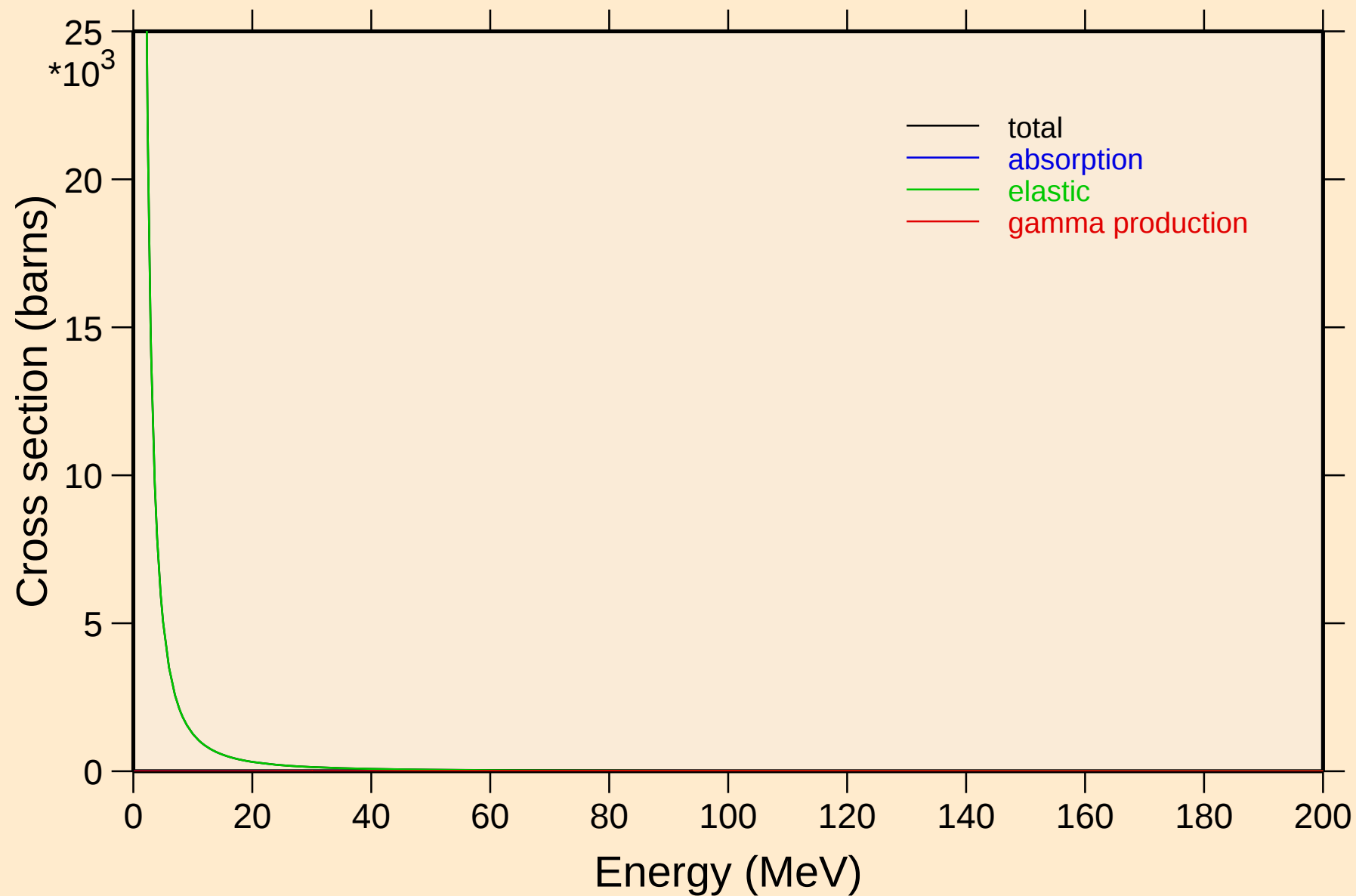
YB163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Heating



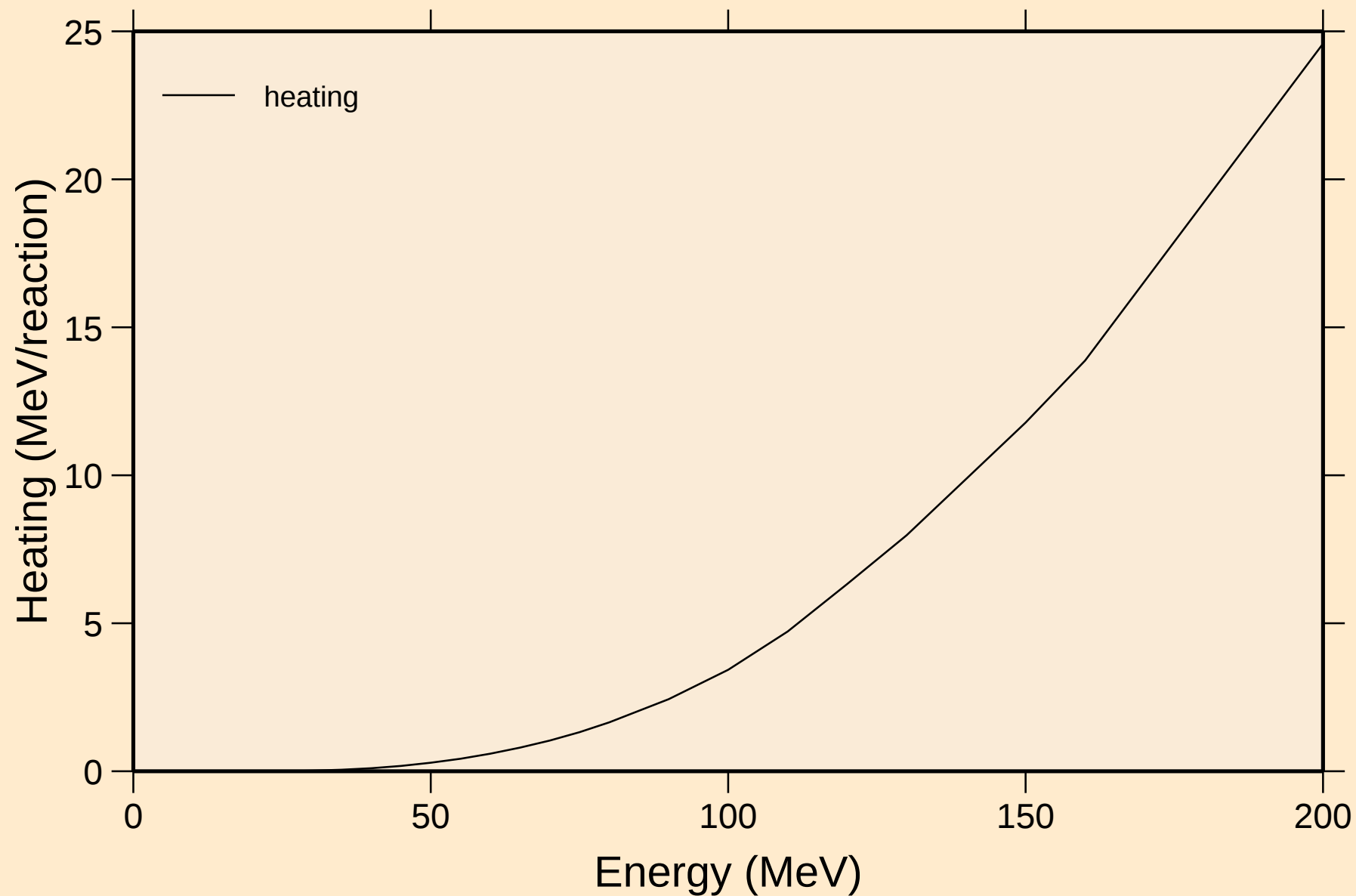
YB163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections



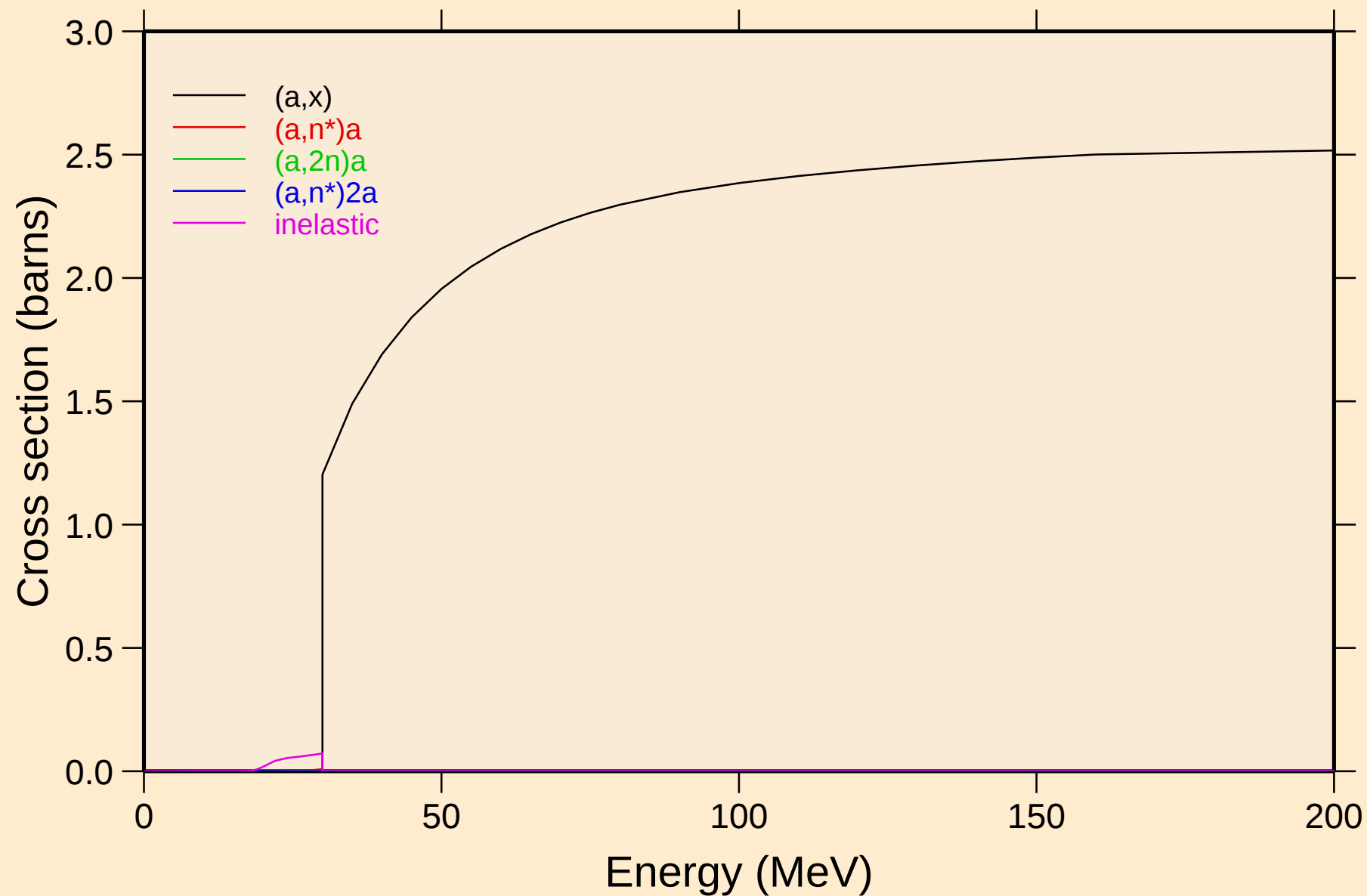
YB163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Heating



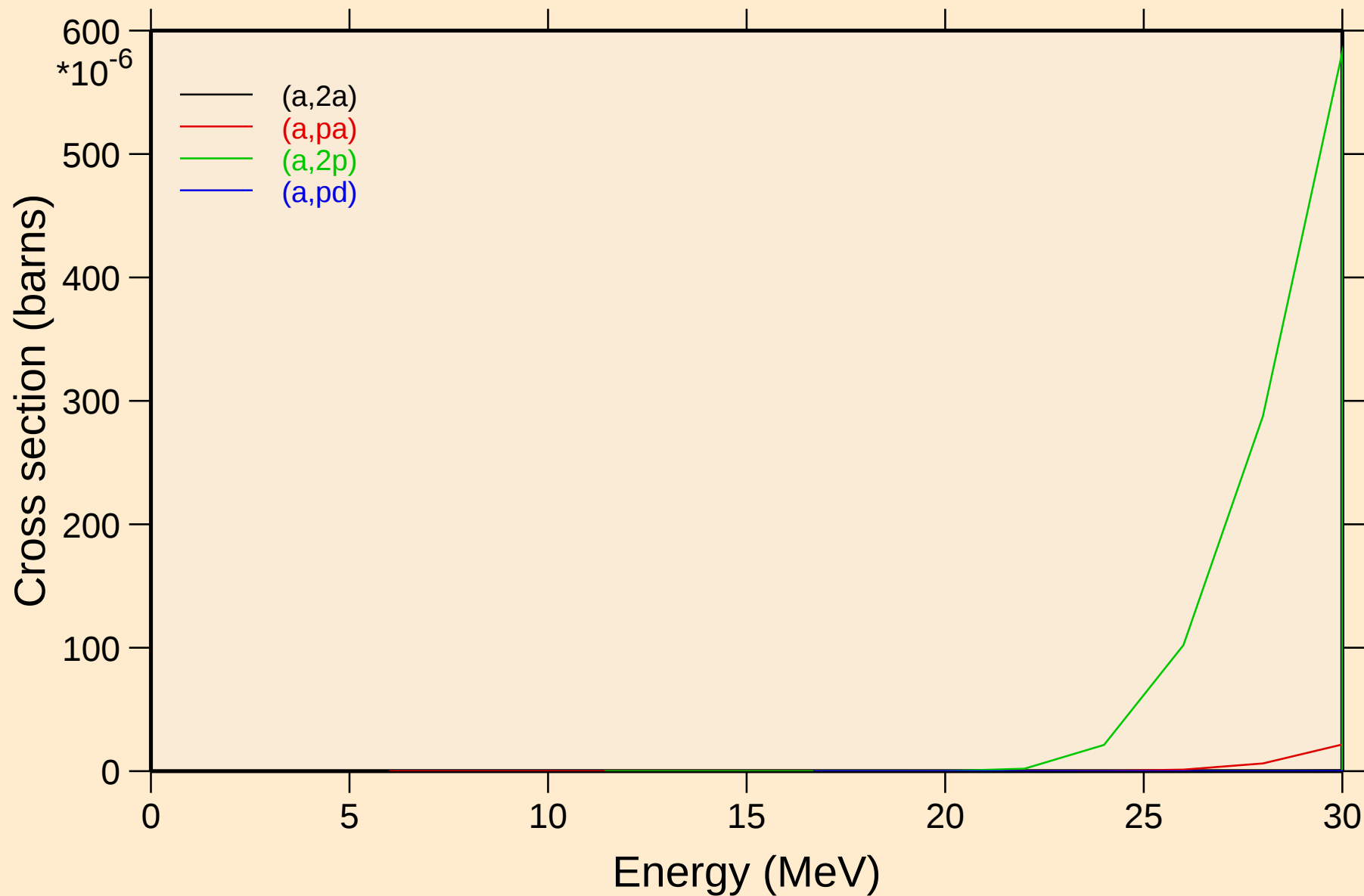
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Threshold reactions

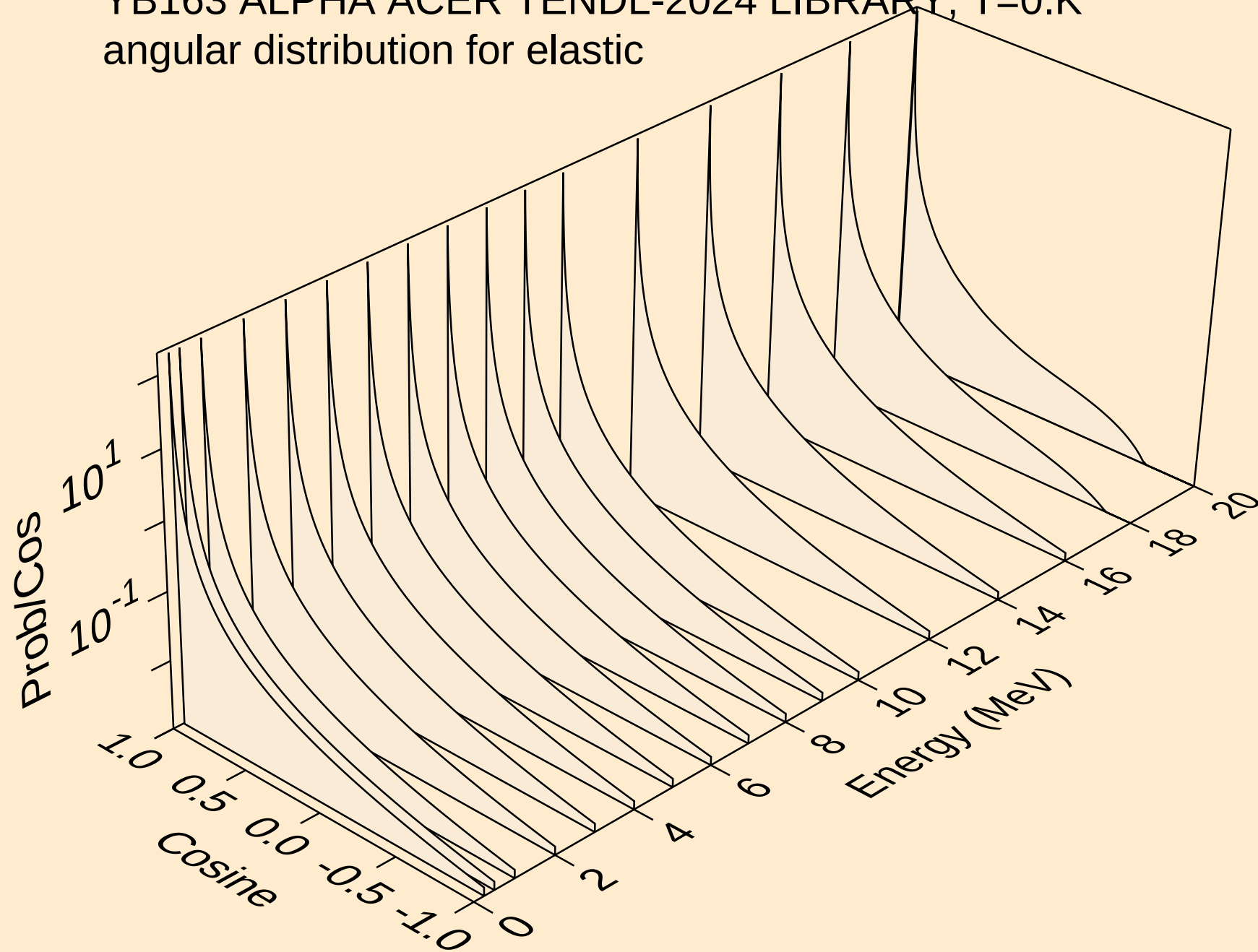


YB163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

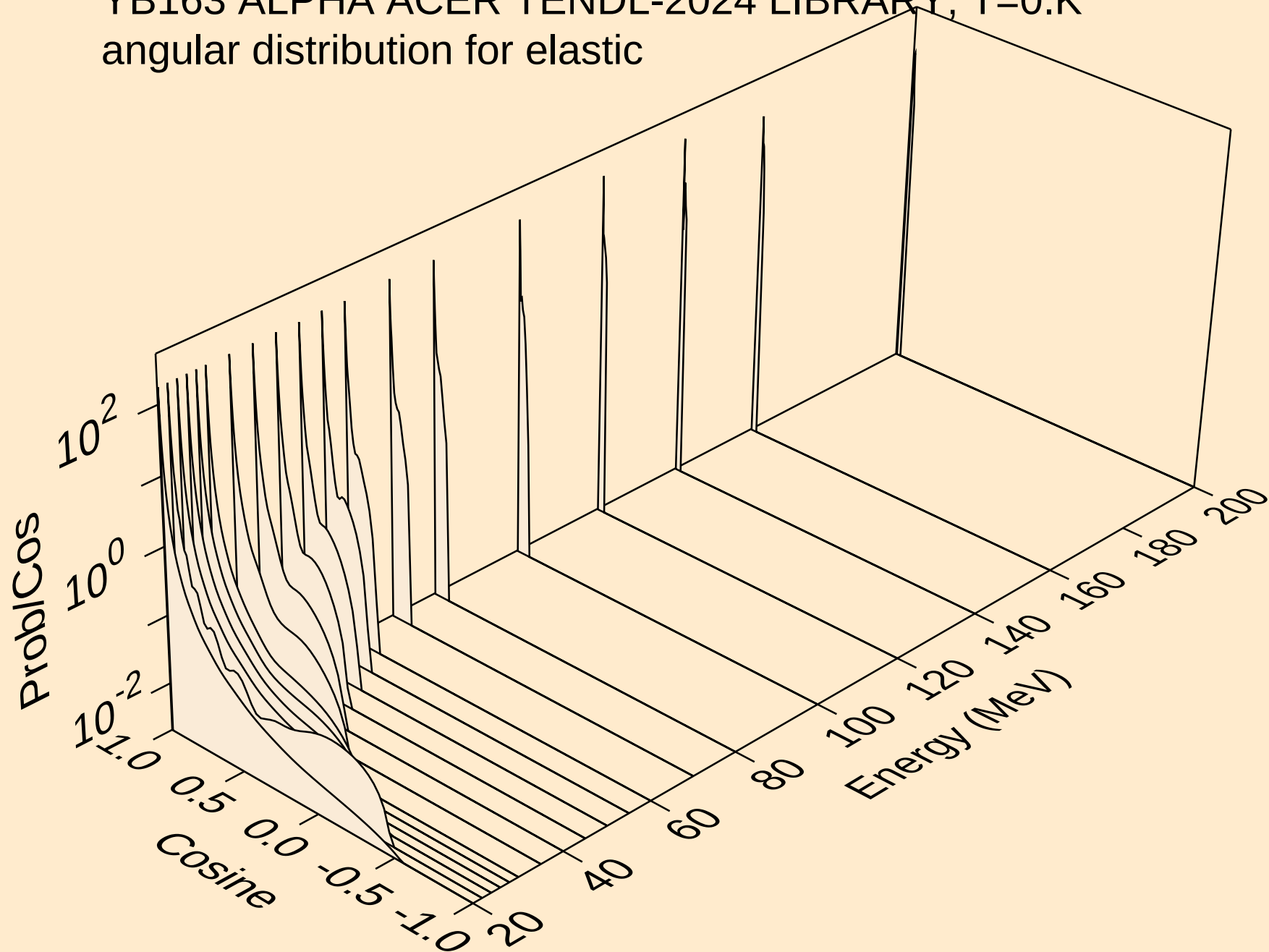
Threshold reactions



YB163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic

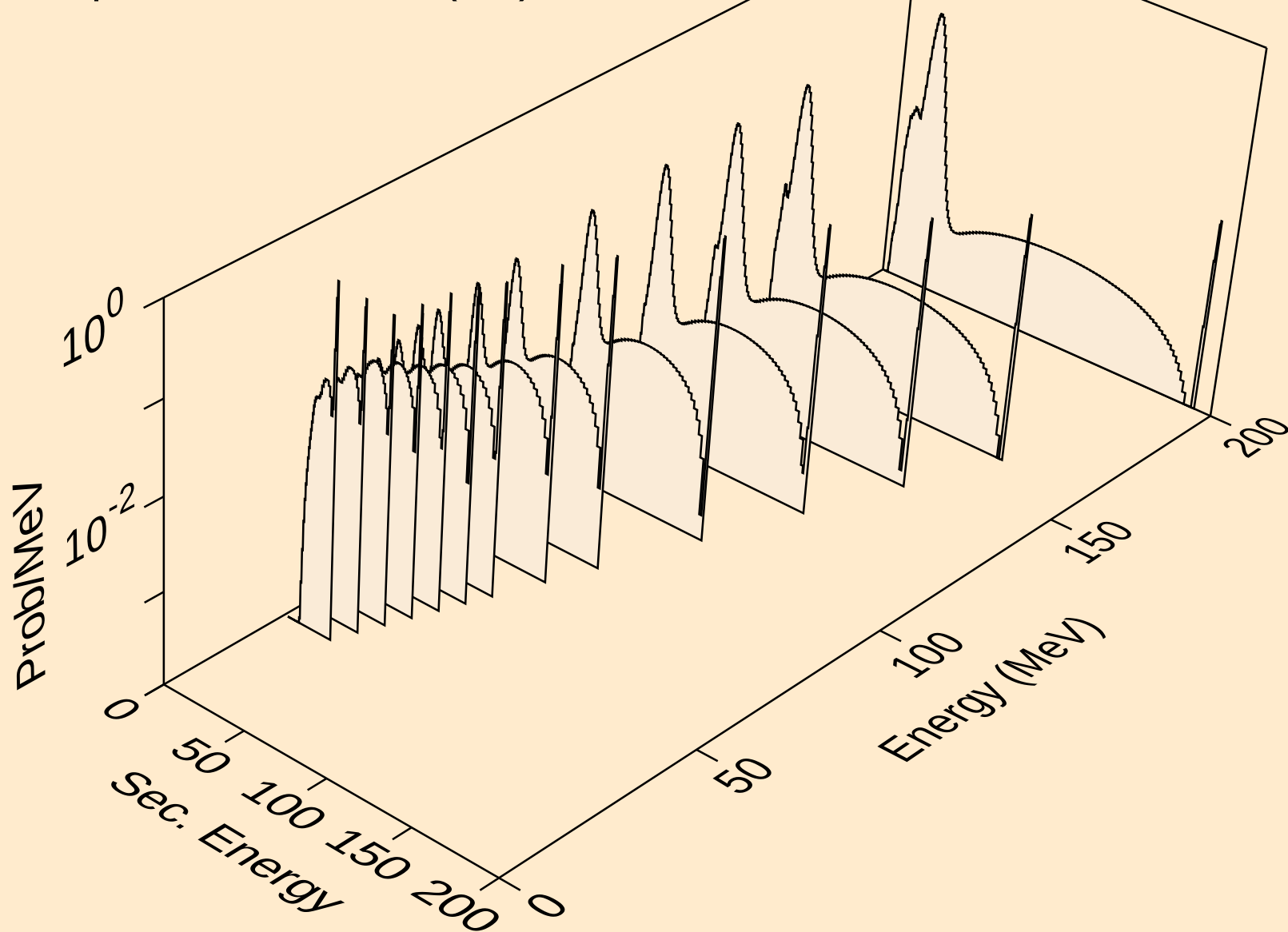


YB163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic



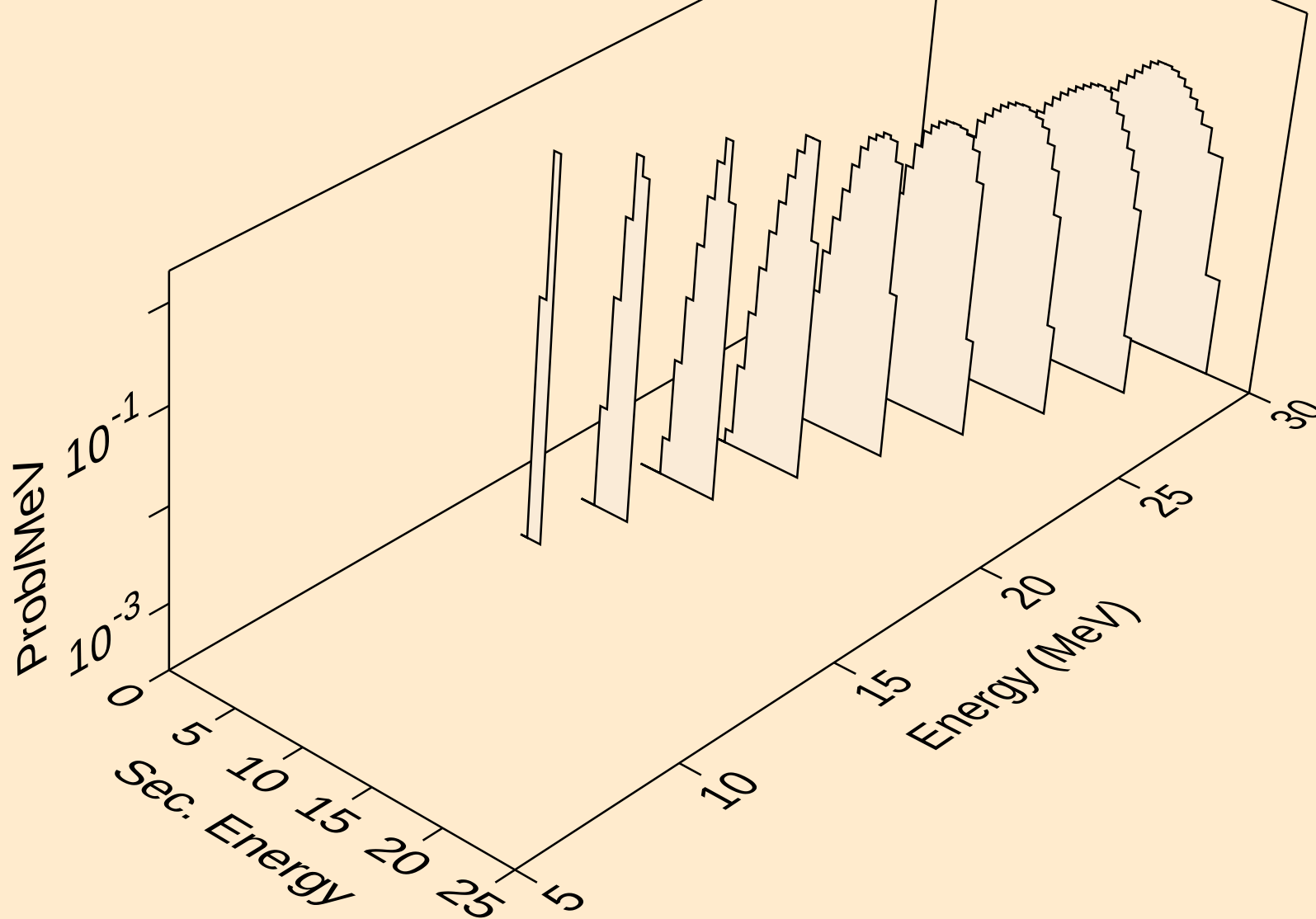
YB163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,x)



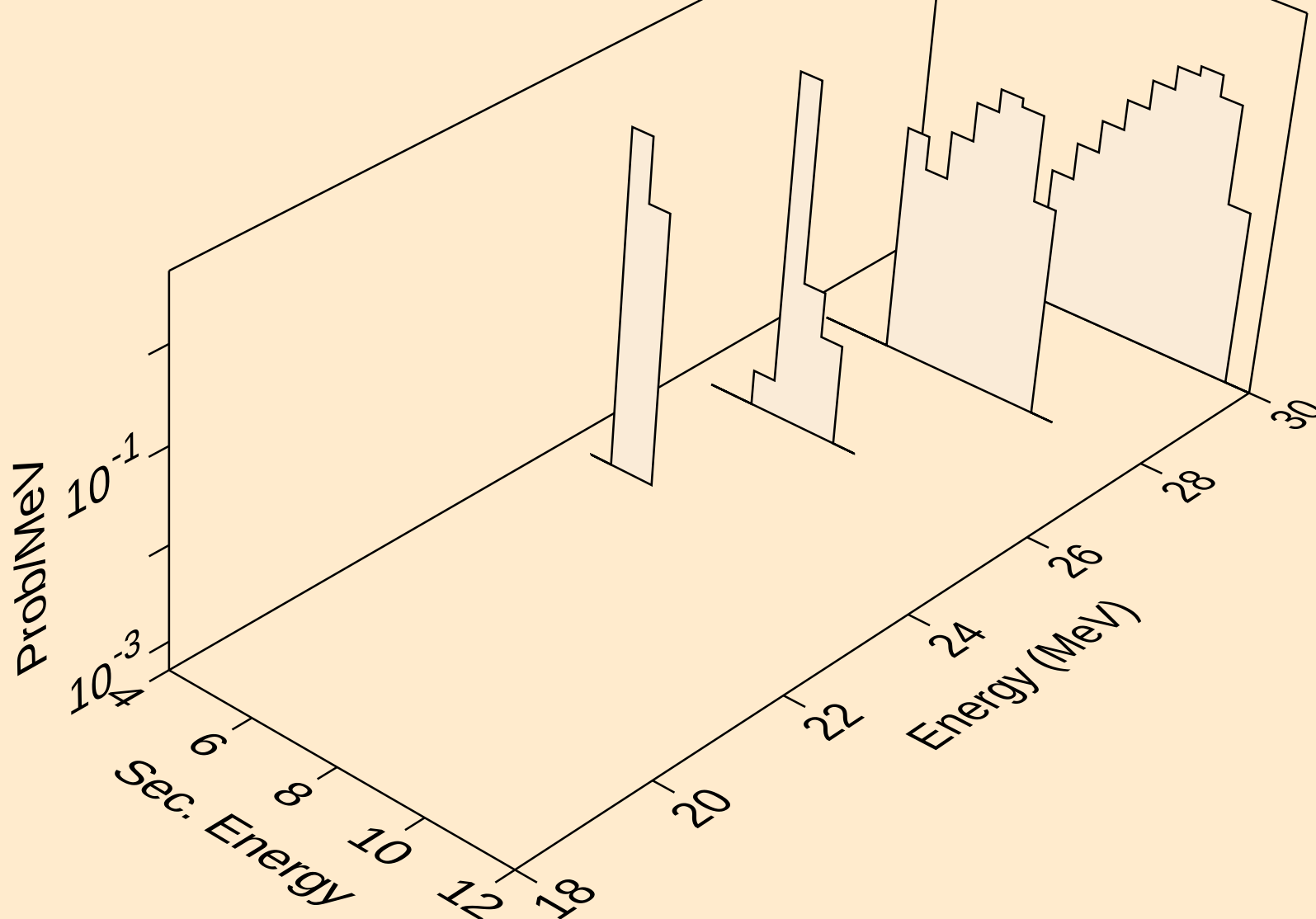
YB163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,n*)a



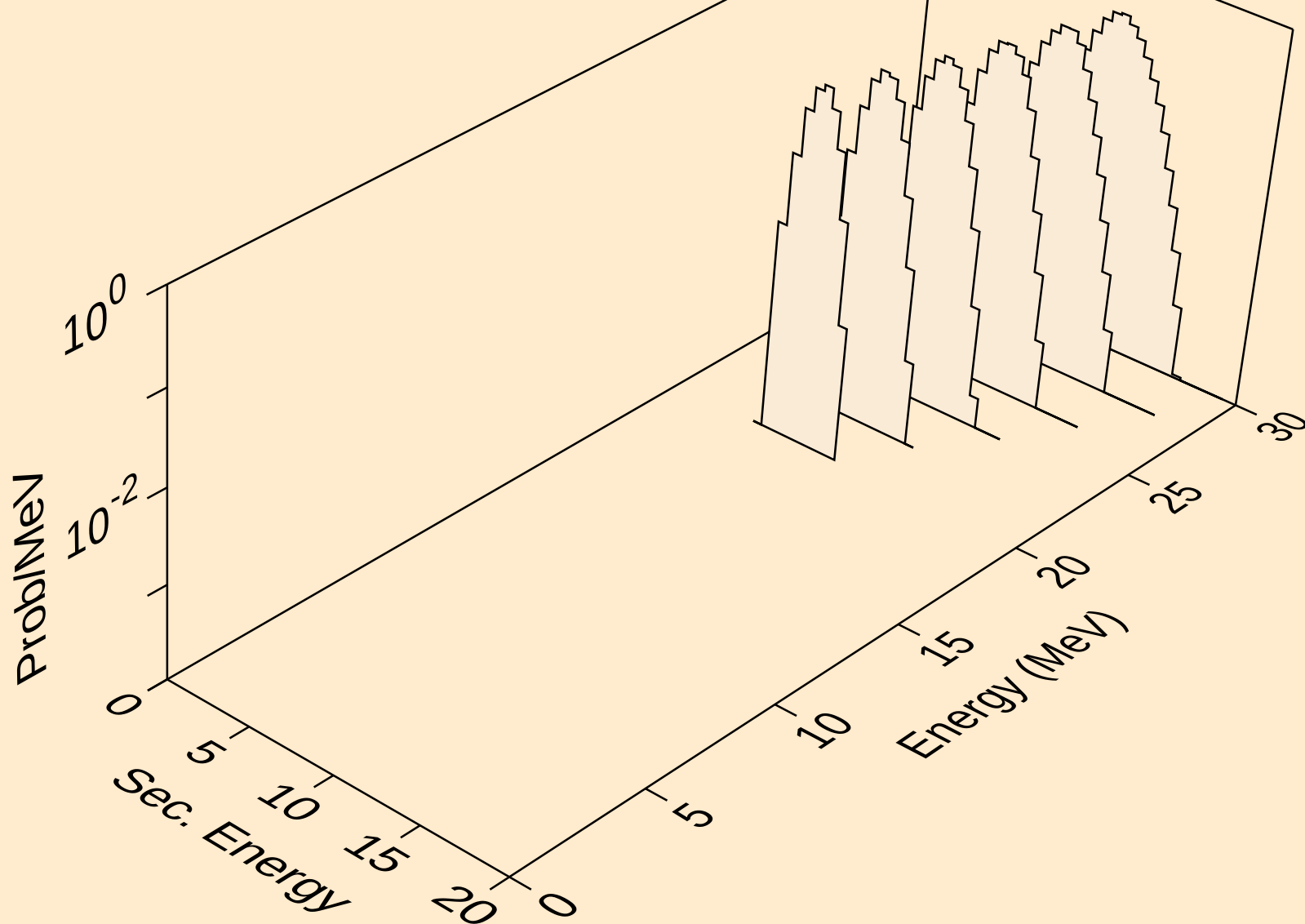
YB163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,2n)a



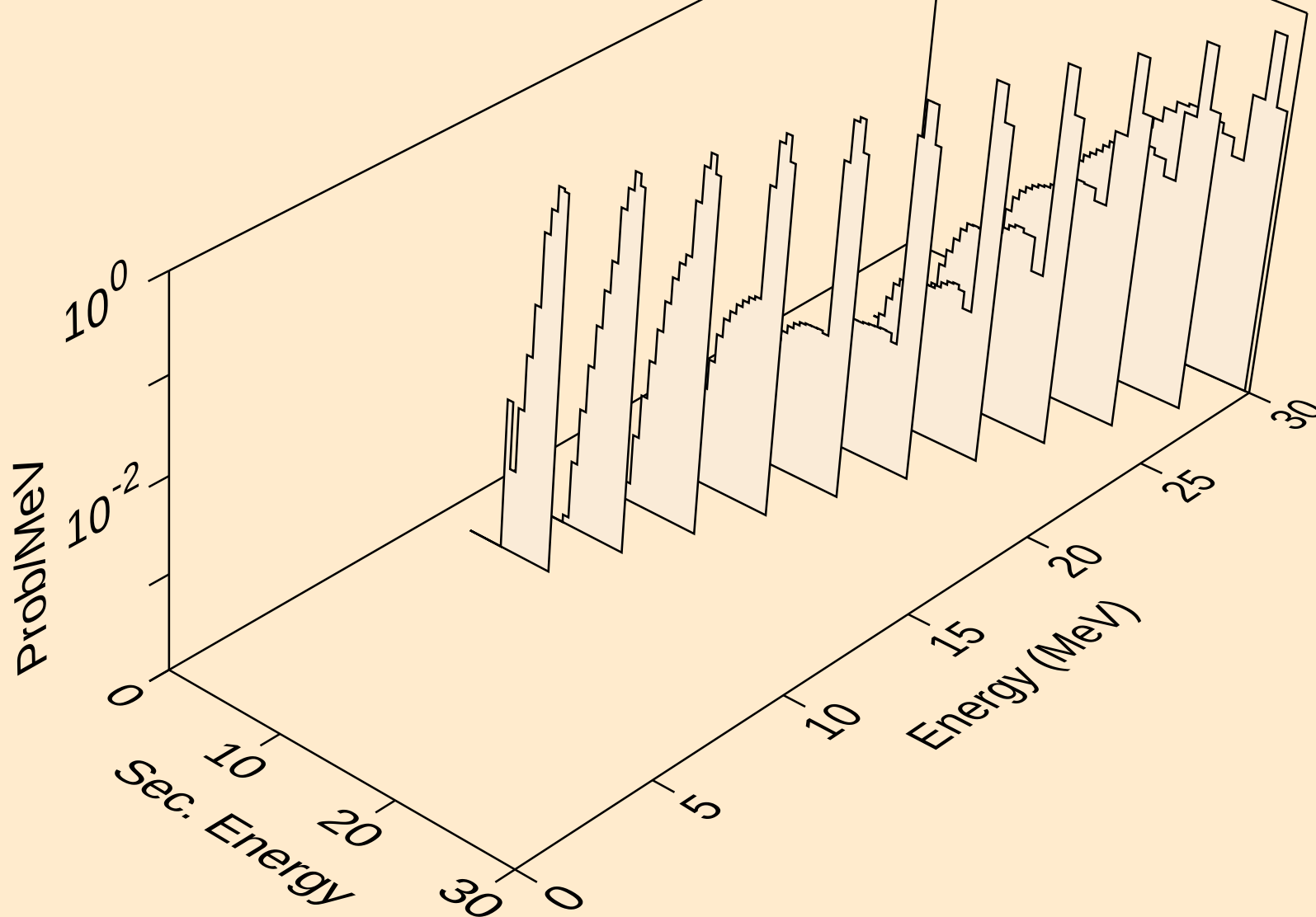
YB163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,n*)2a



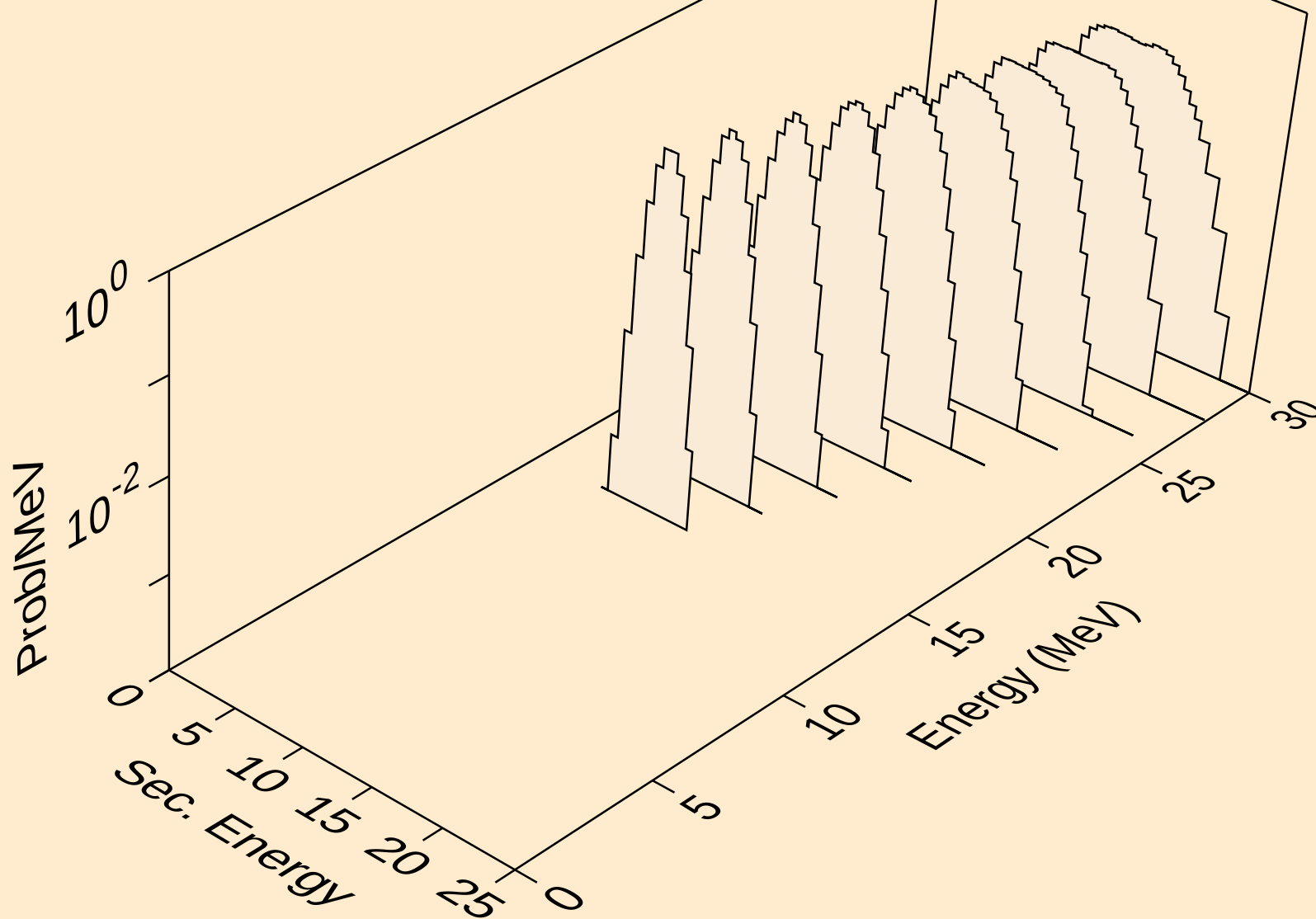
YB163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for inelastic

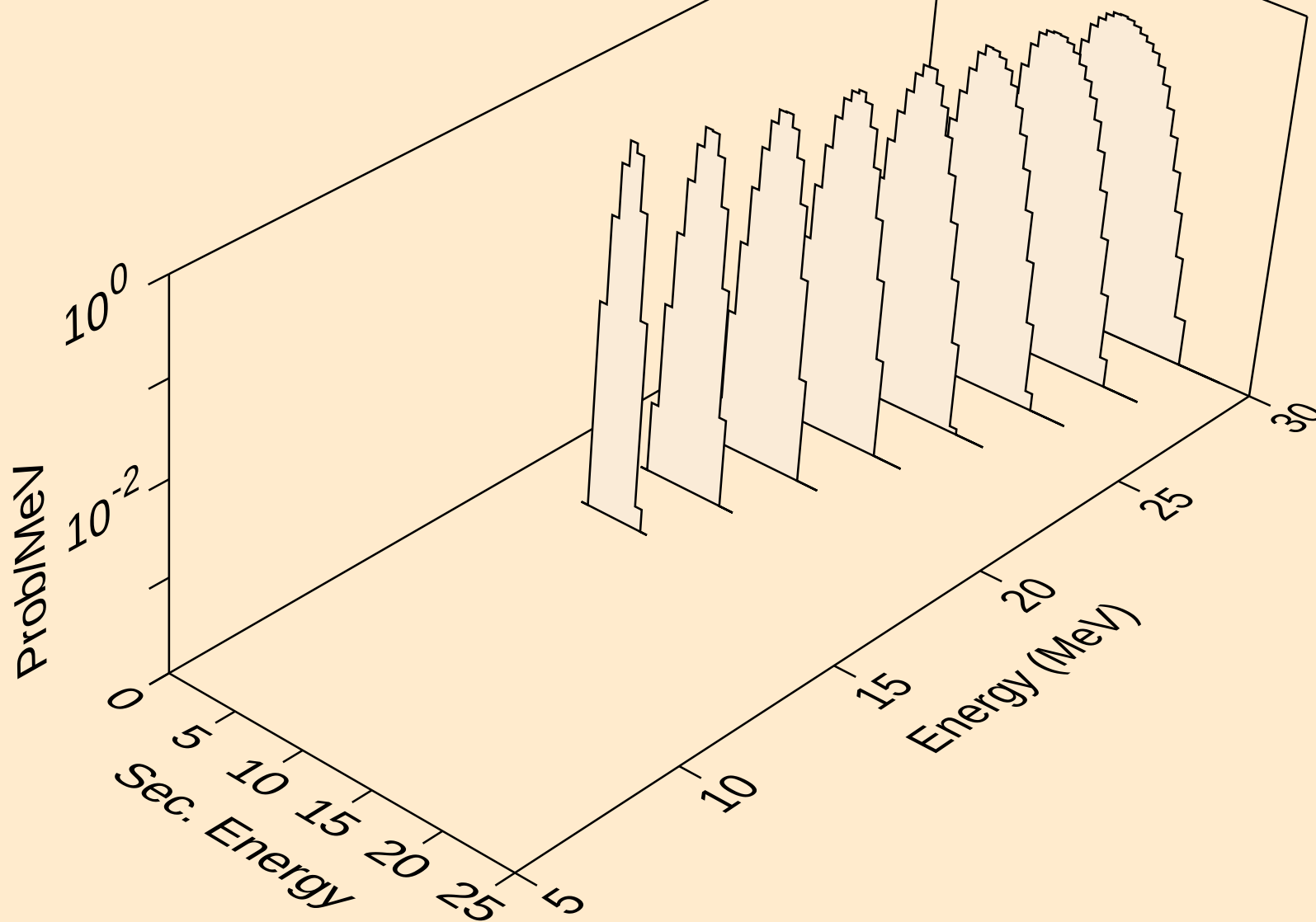


YB163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

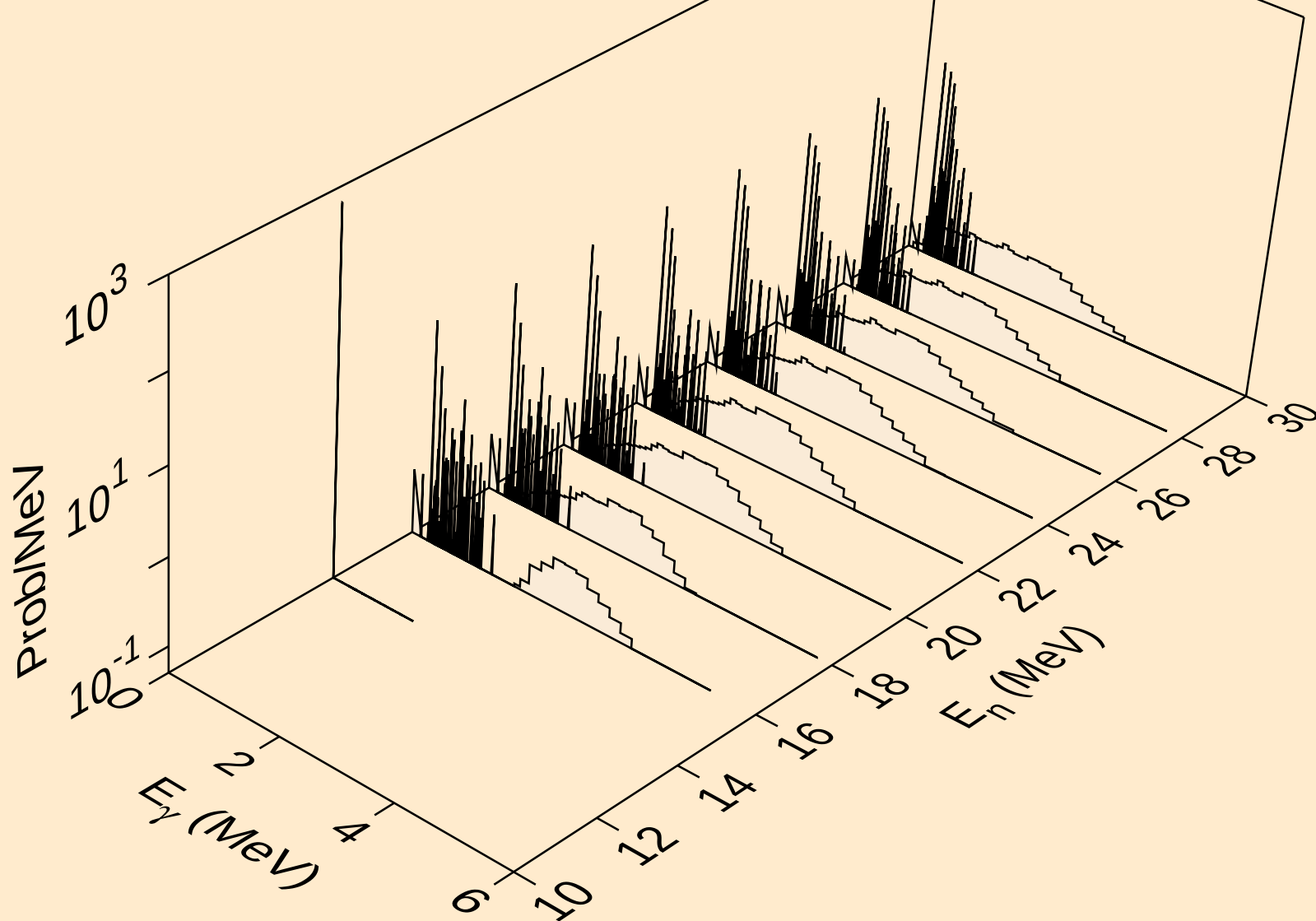
Alpha emission for (a,2a)



YB163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Alpha emission for (a,pa)

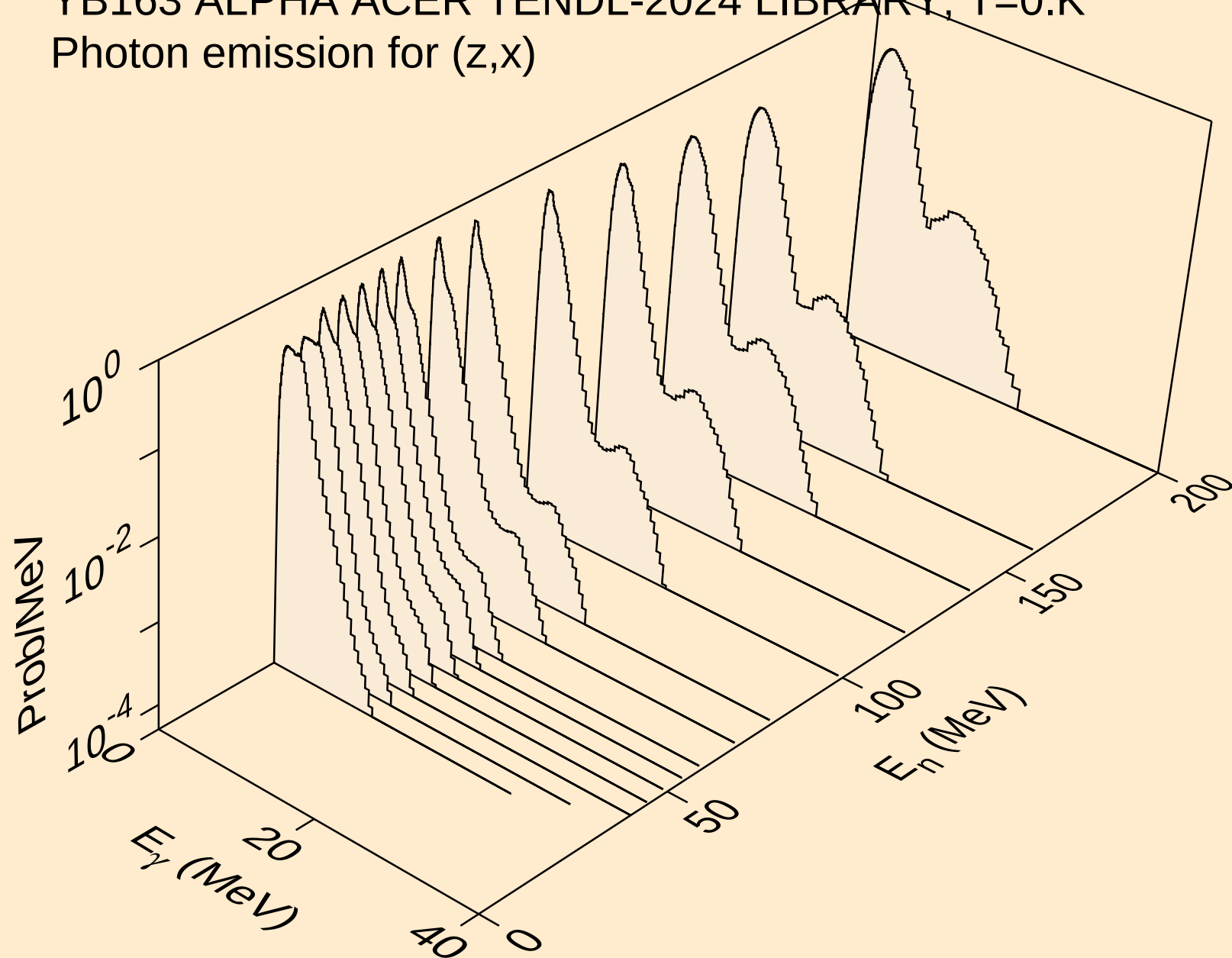


YB163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (z,n)

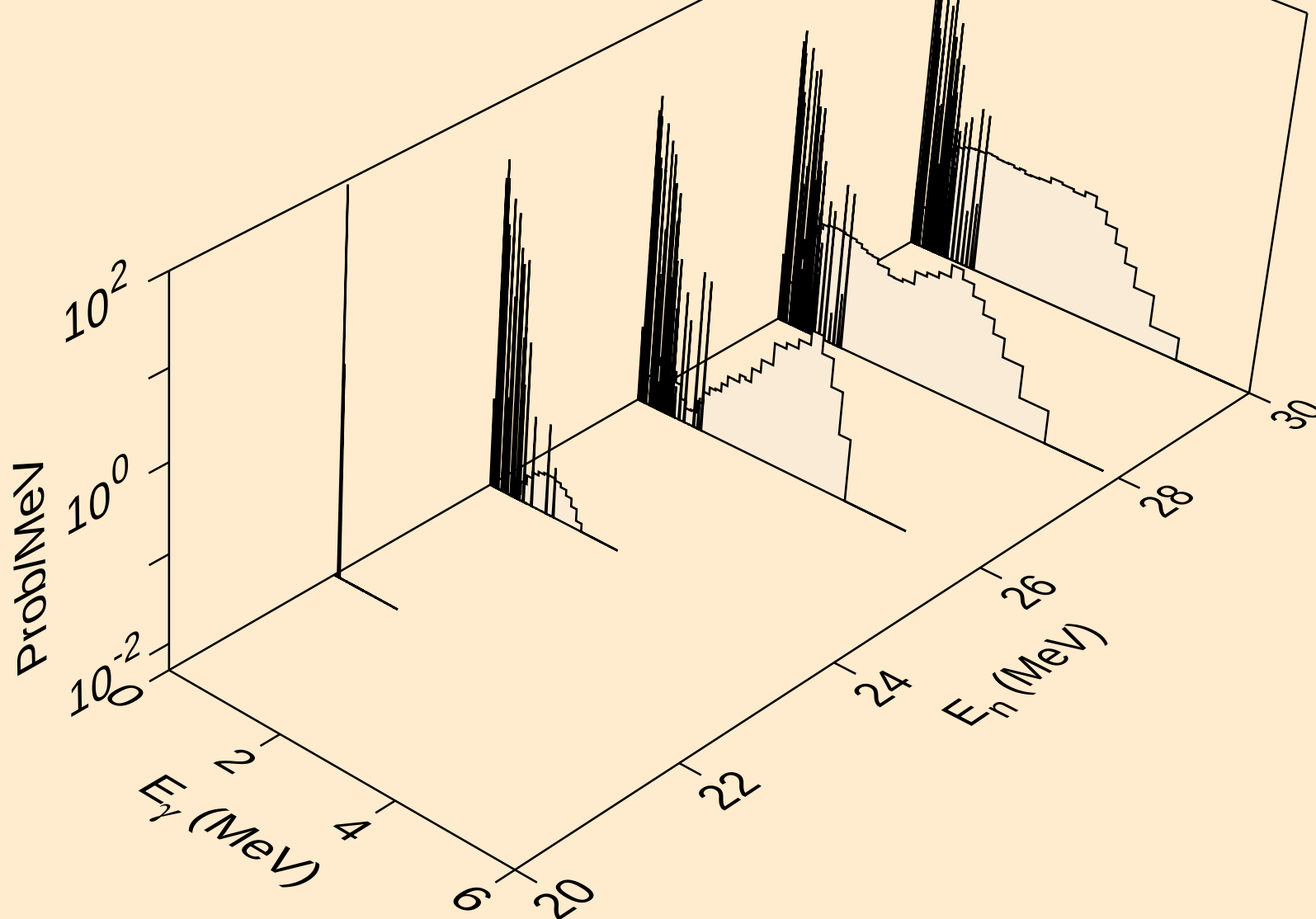


YB163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (z,x)

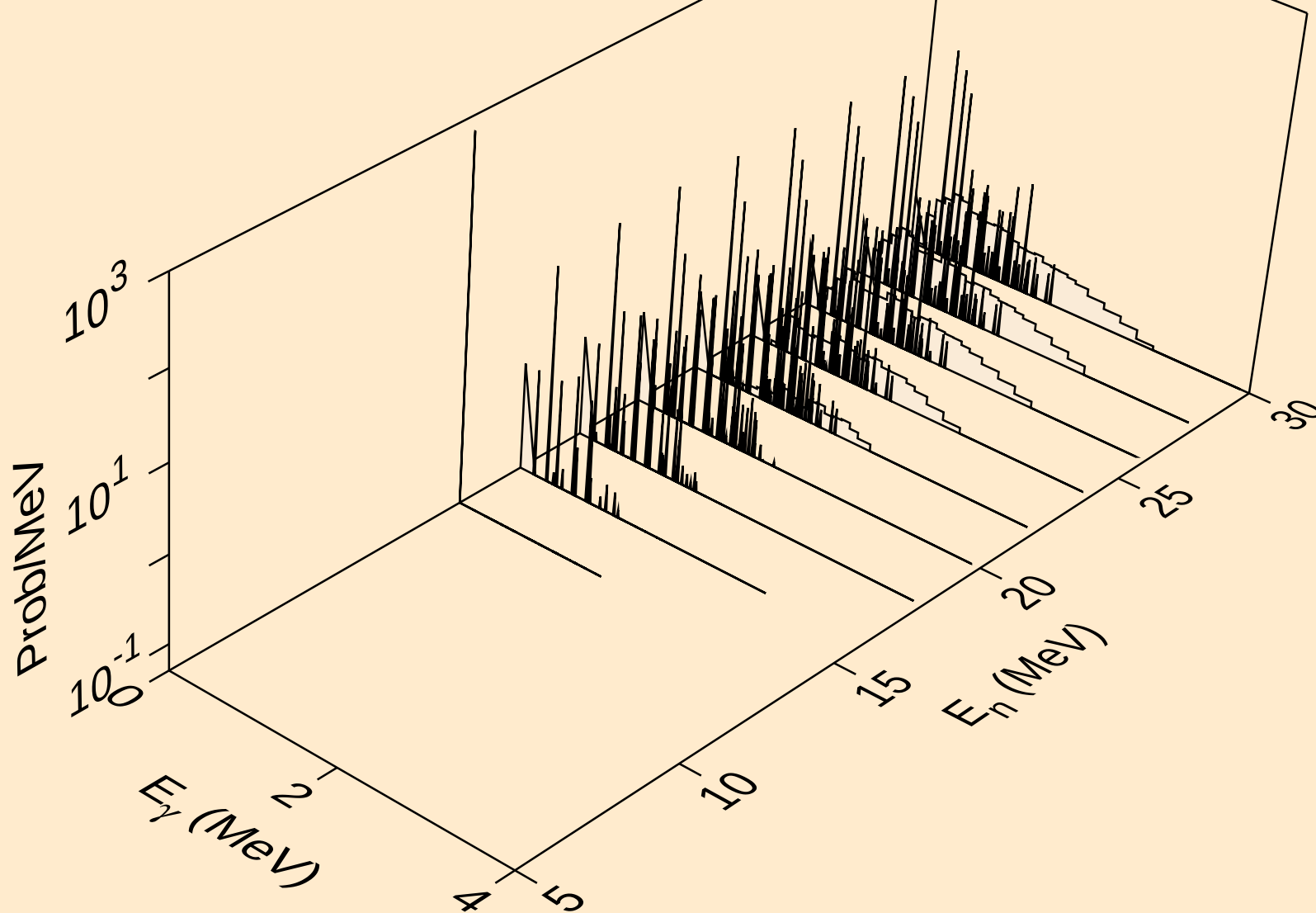


YB163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n)



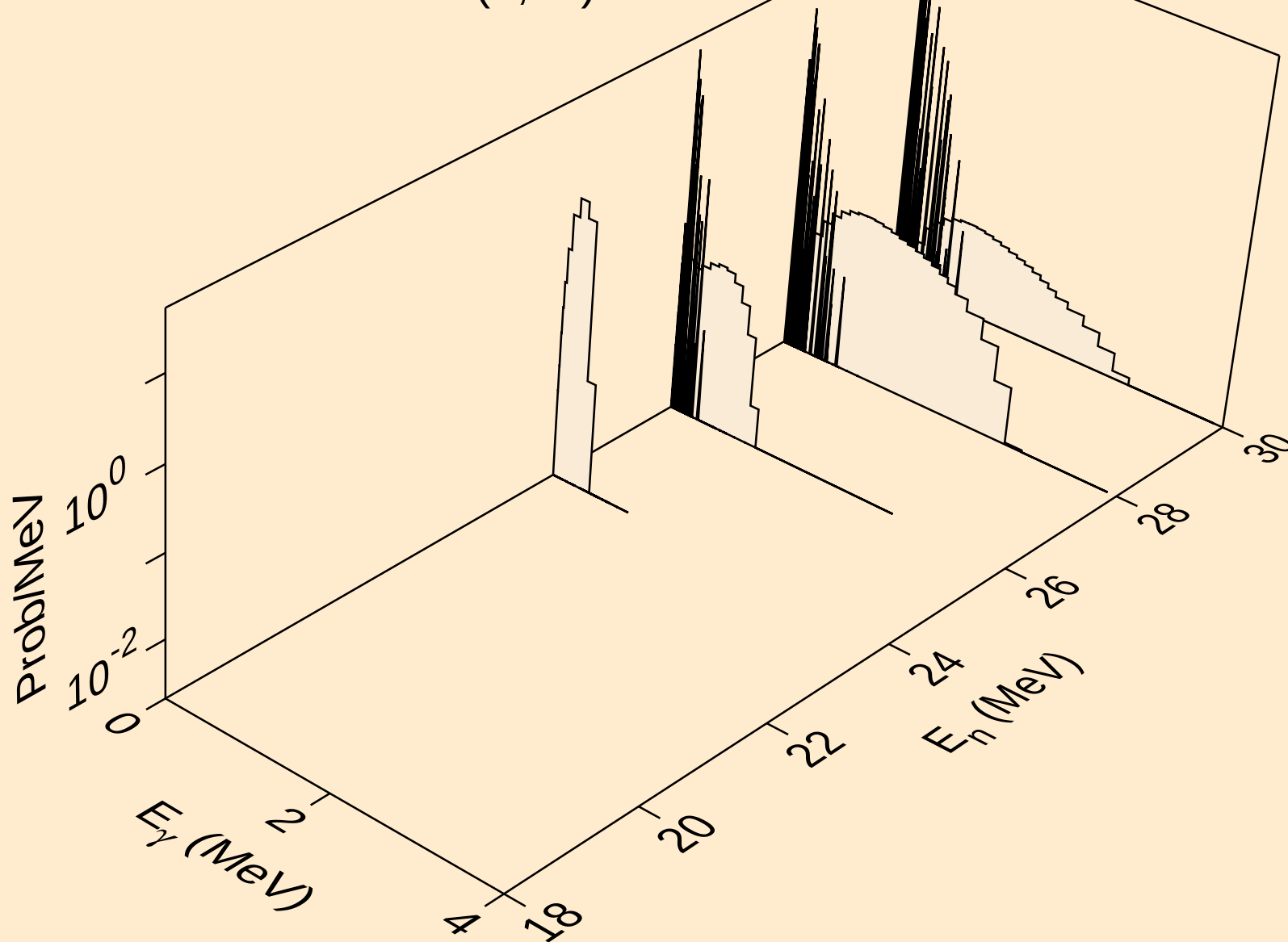
YB163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n*)a



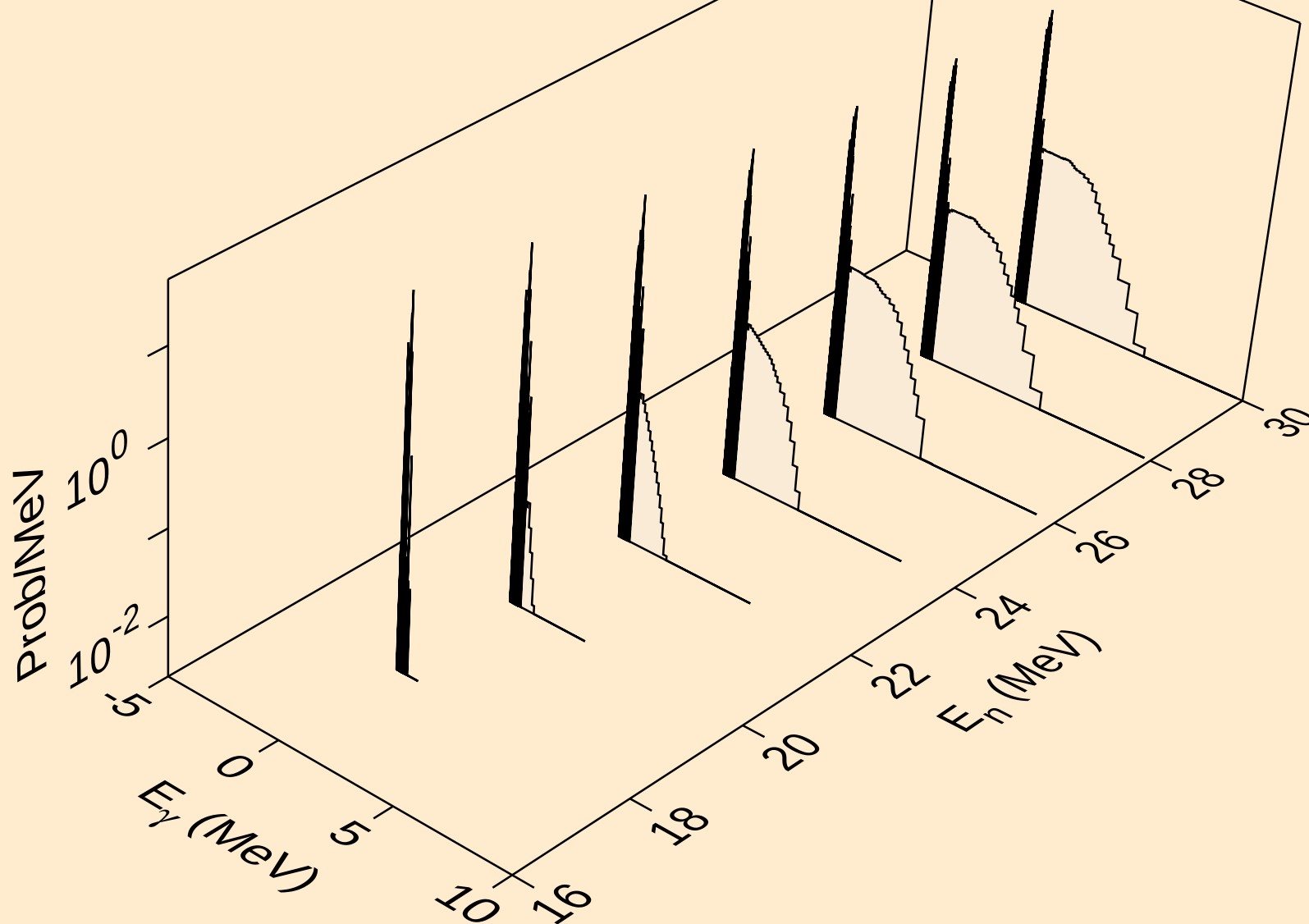
YB163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,2n) α



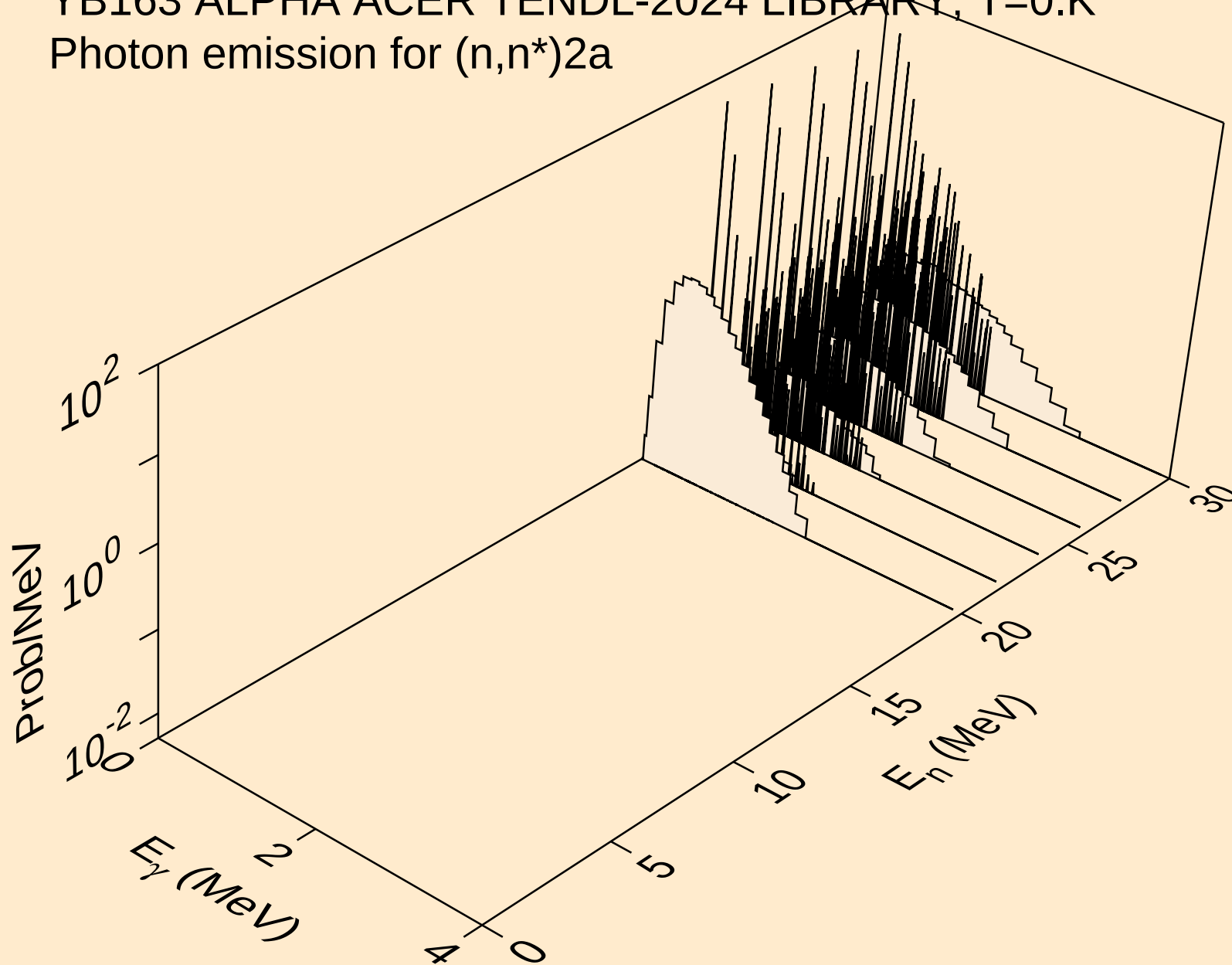
YB163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n*)p



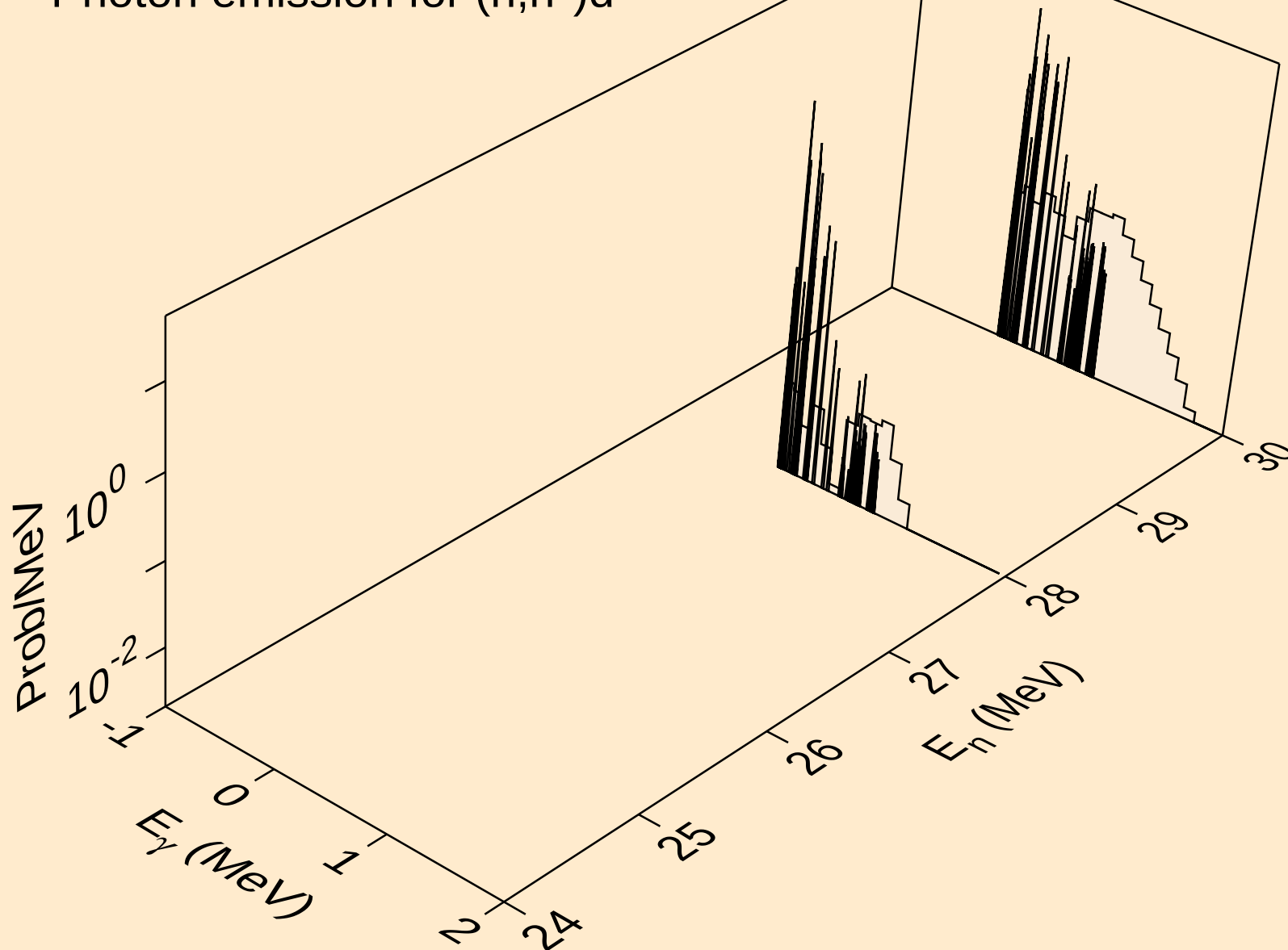
YB163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n*)2a

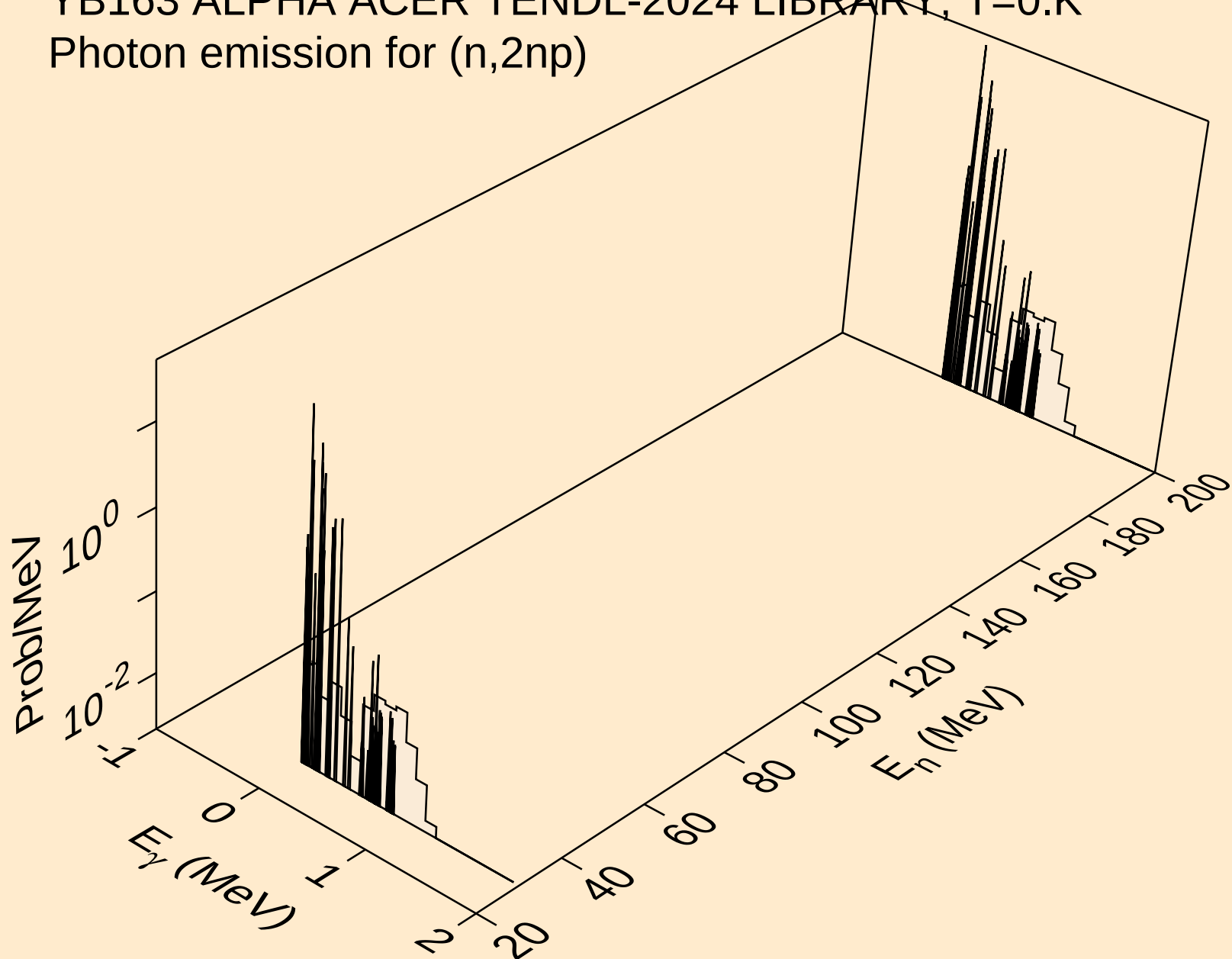


YB163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

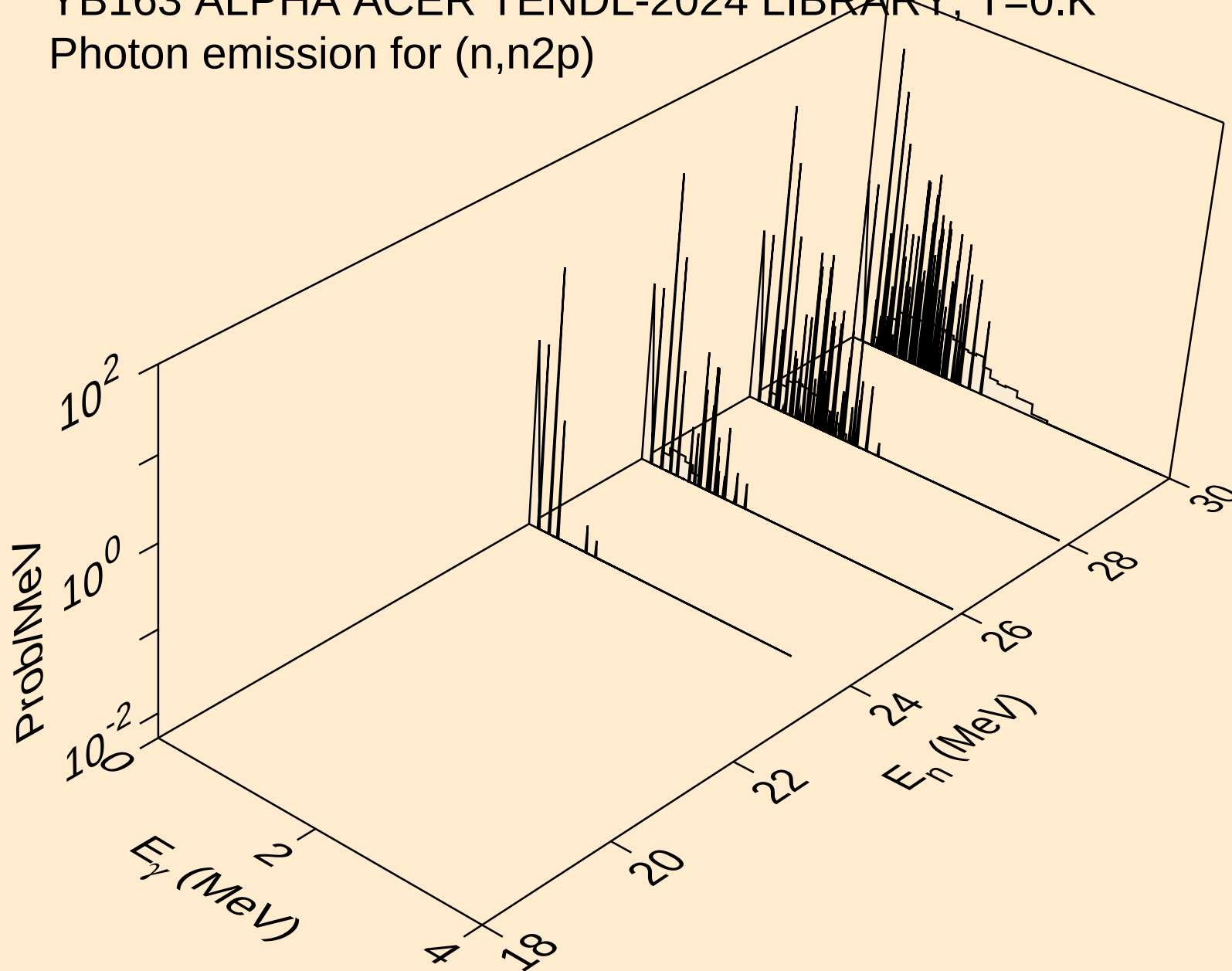
Photon emission for (n,n*)d



YB163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2np)

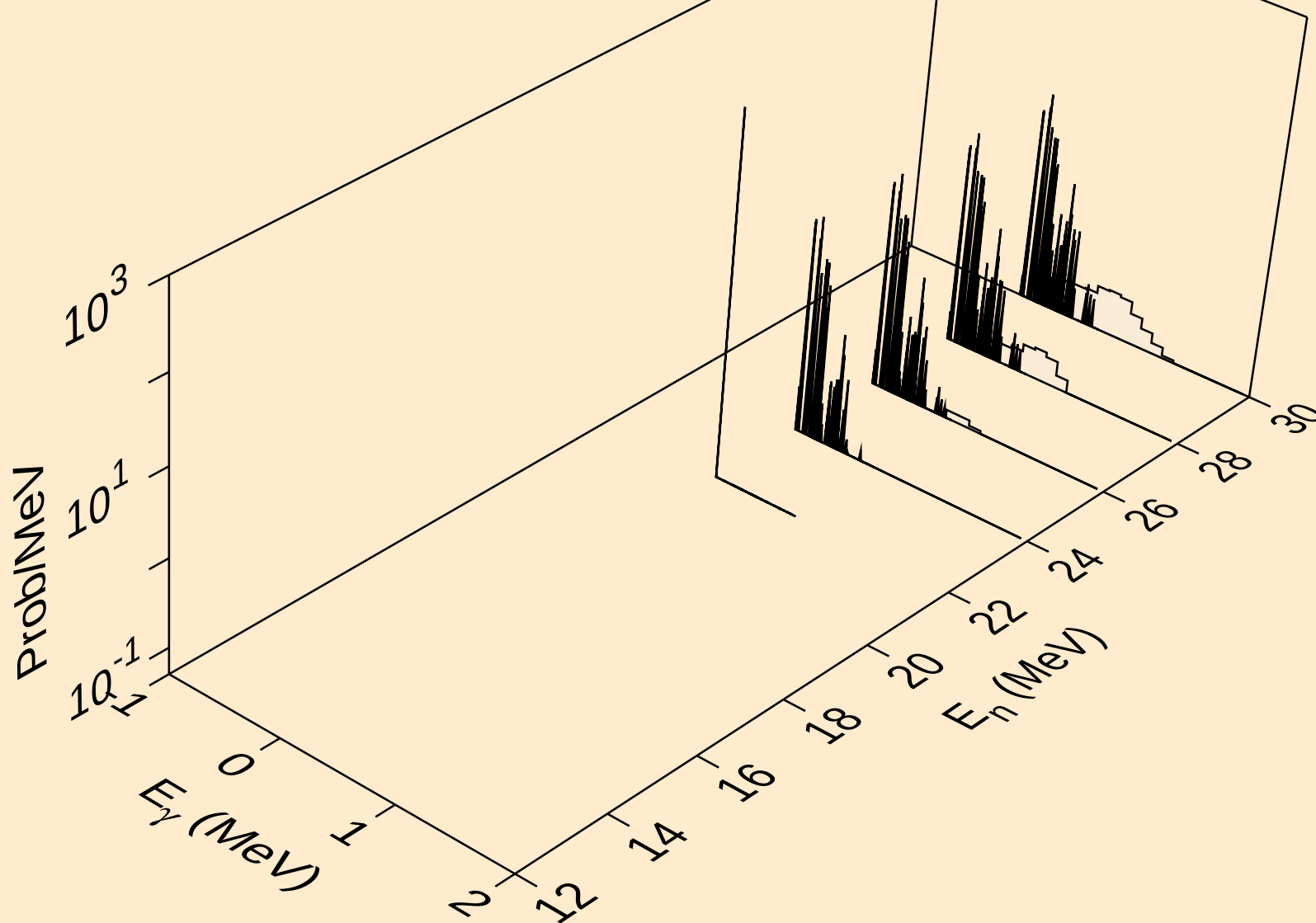


YB163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n2p)

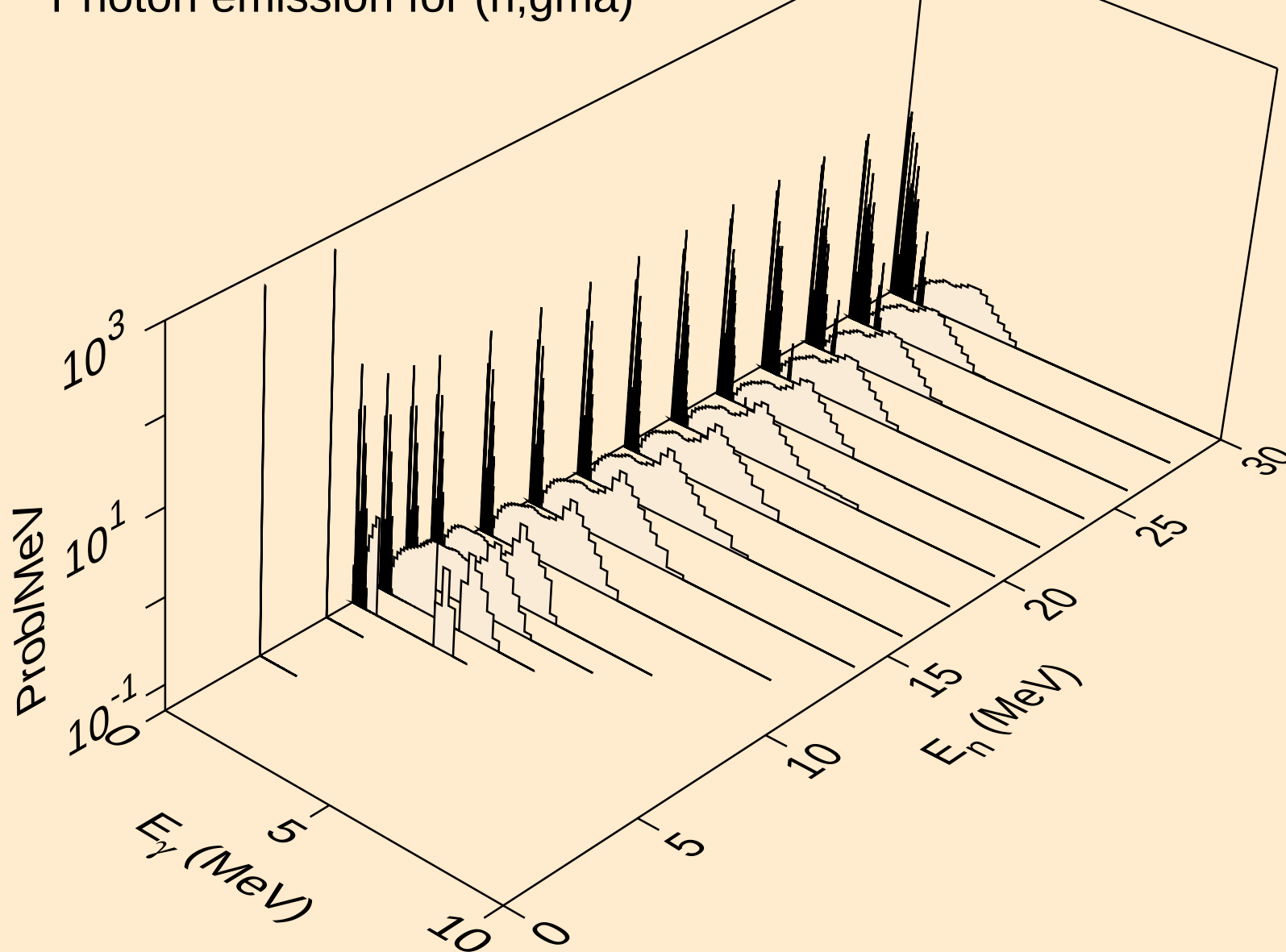


YB163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

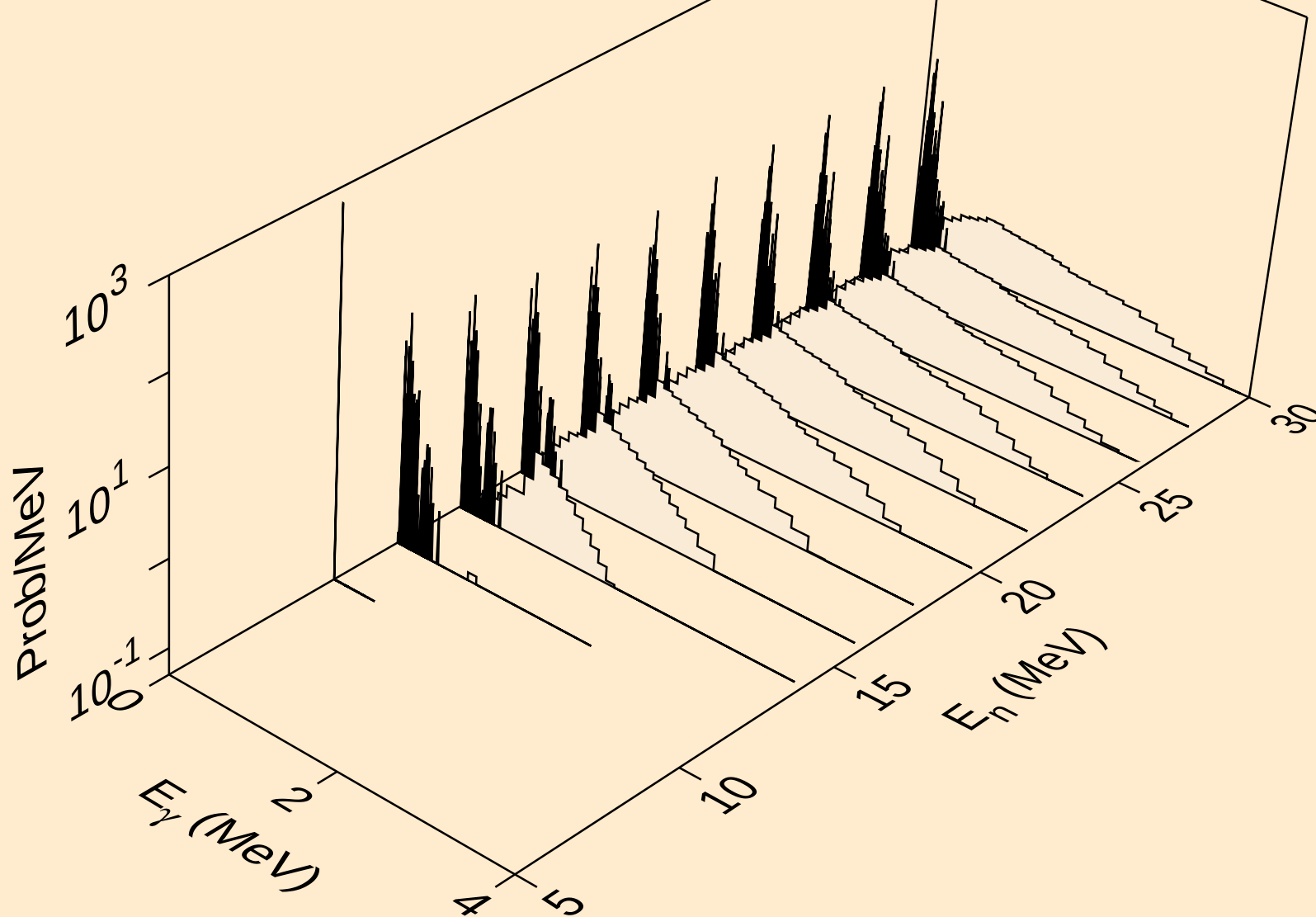
Photon emission for (n,npa)



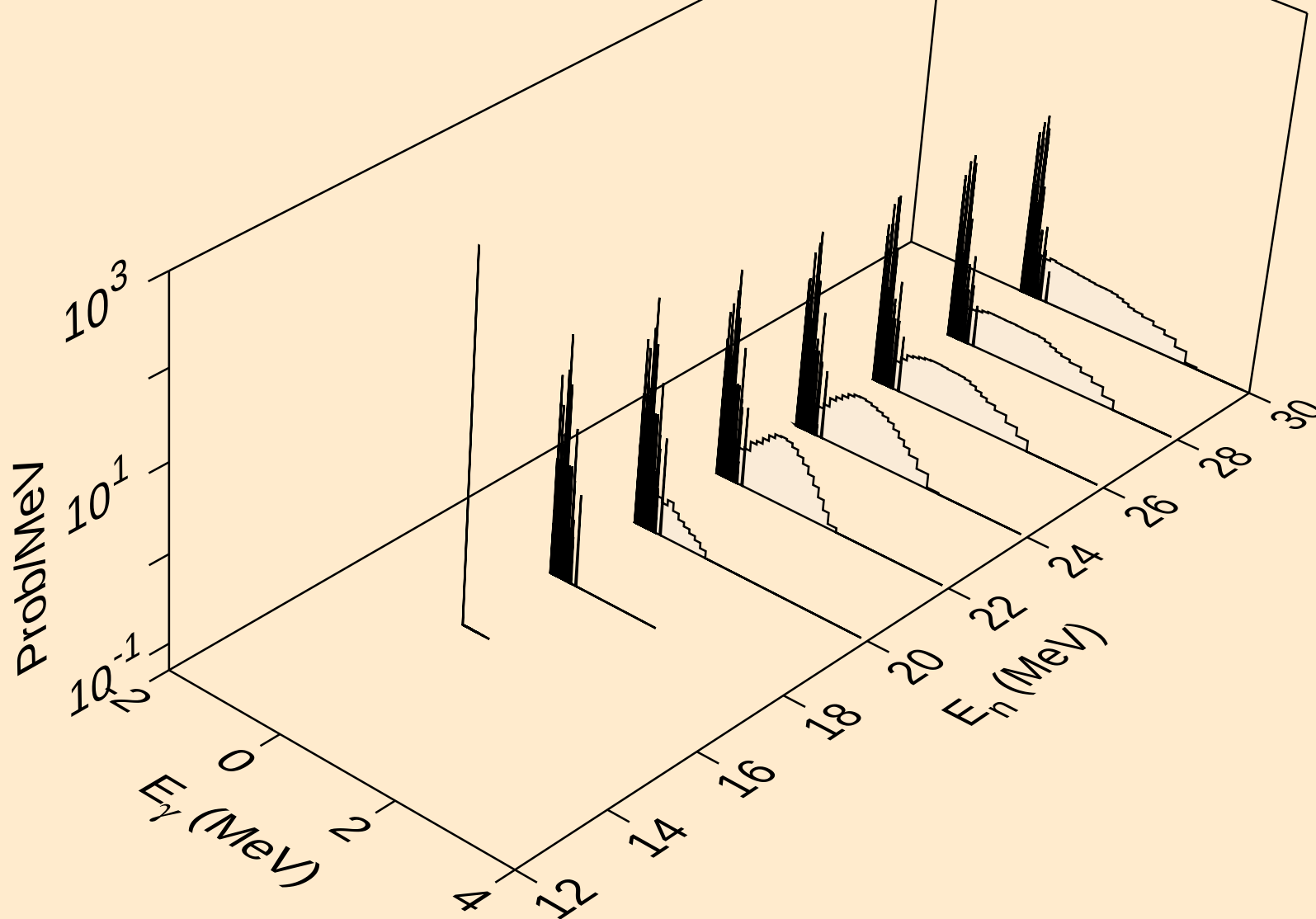
YB163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,gma)



YB163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,p)

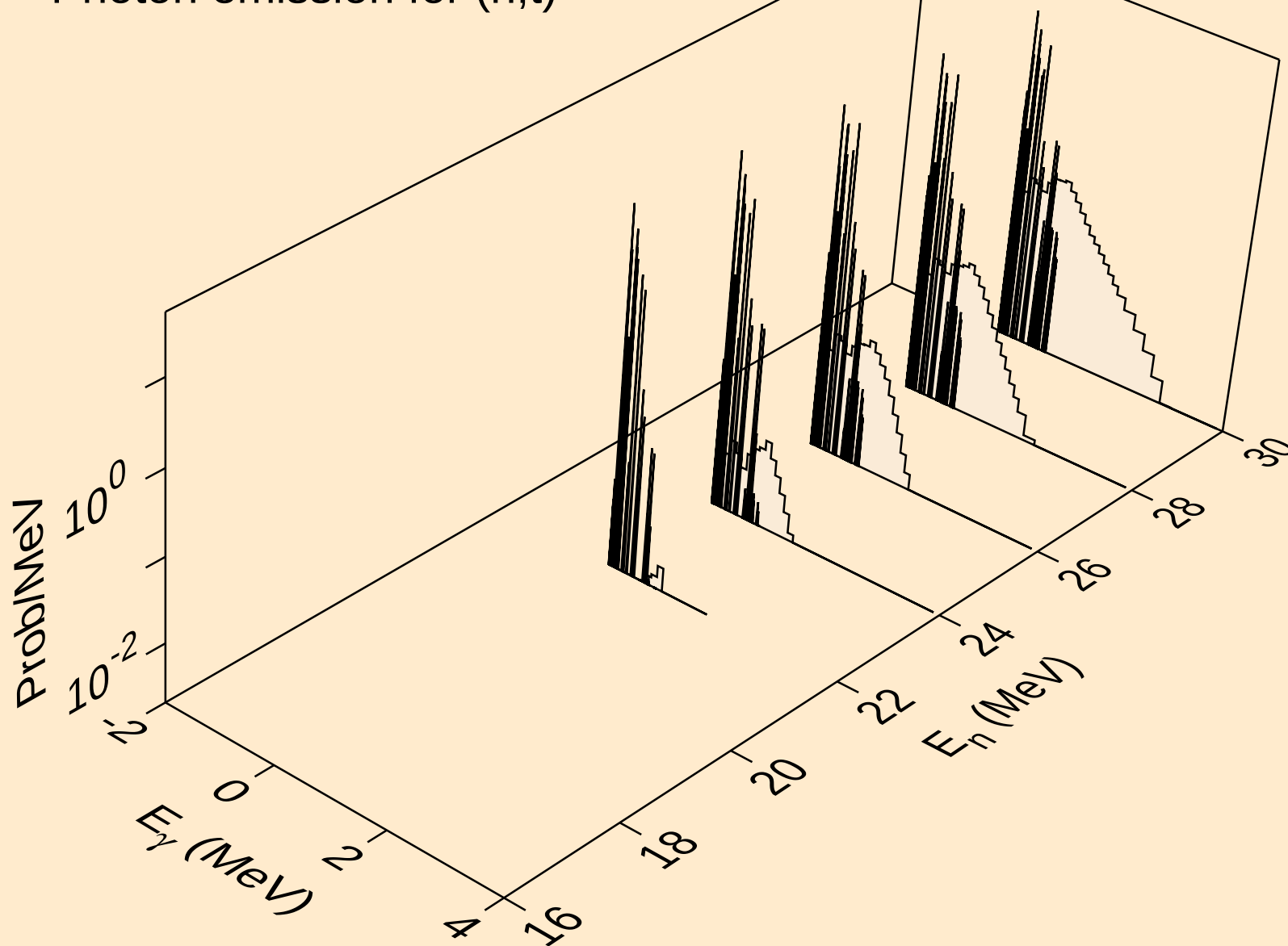


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Photon emission for (n,d)

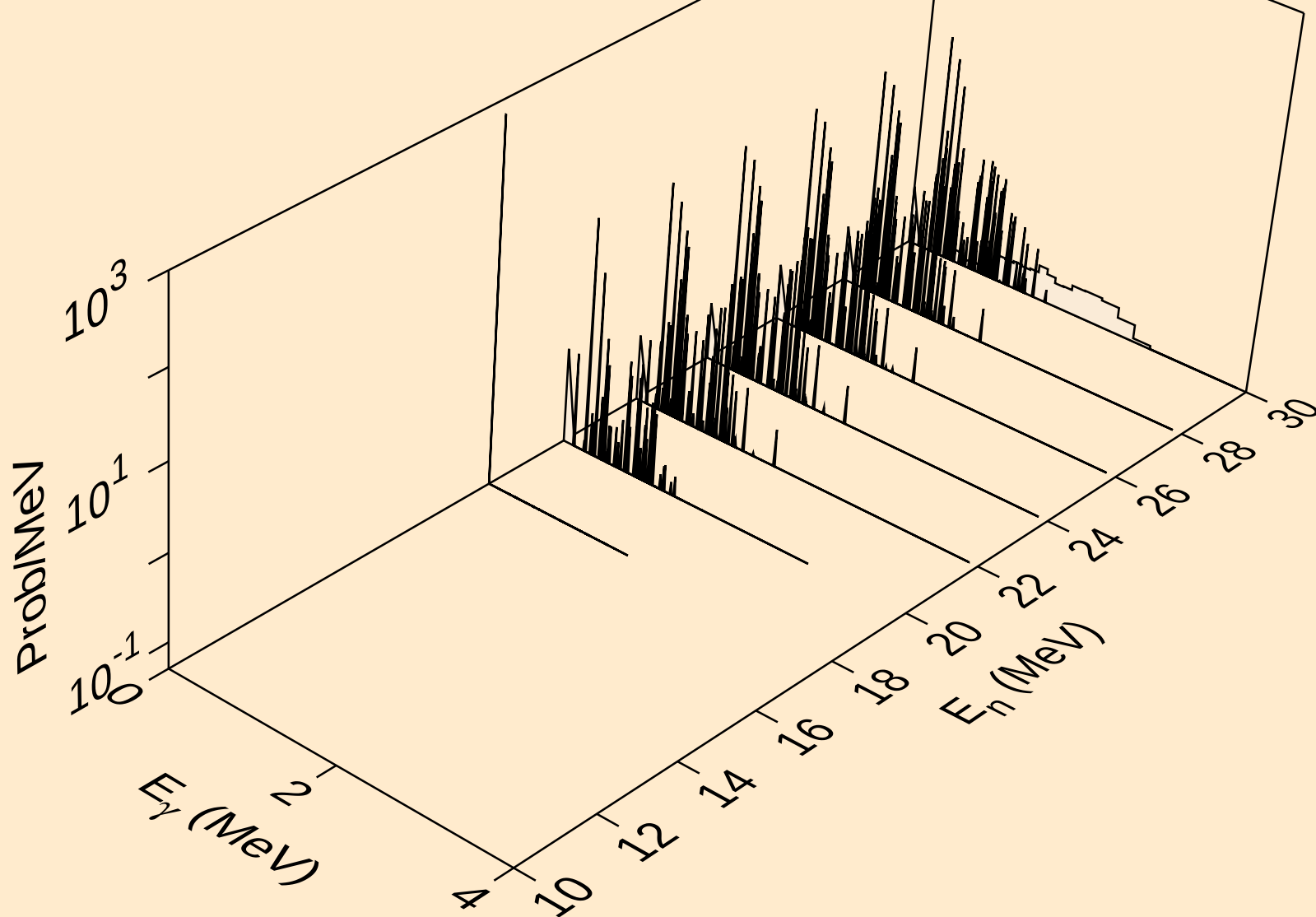


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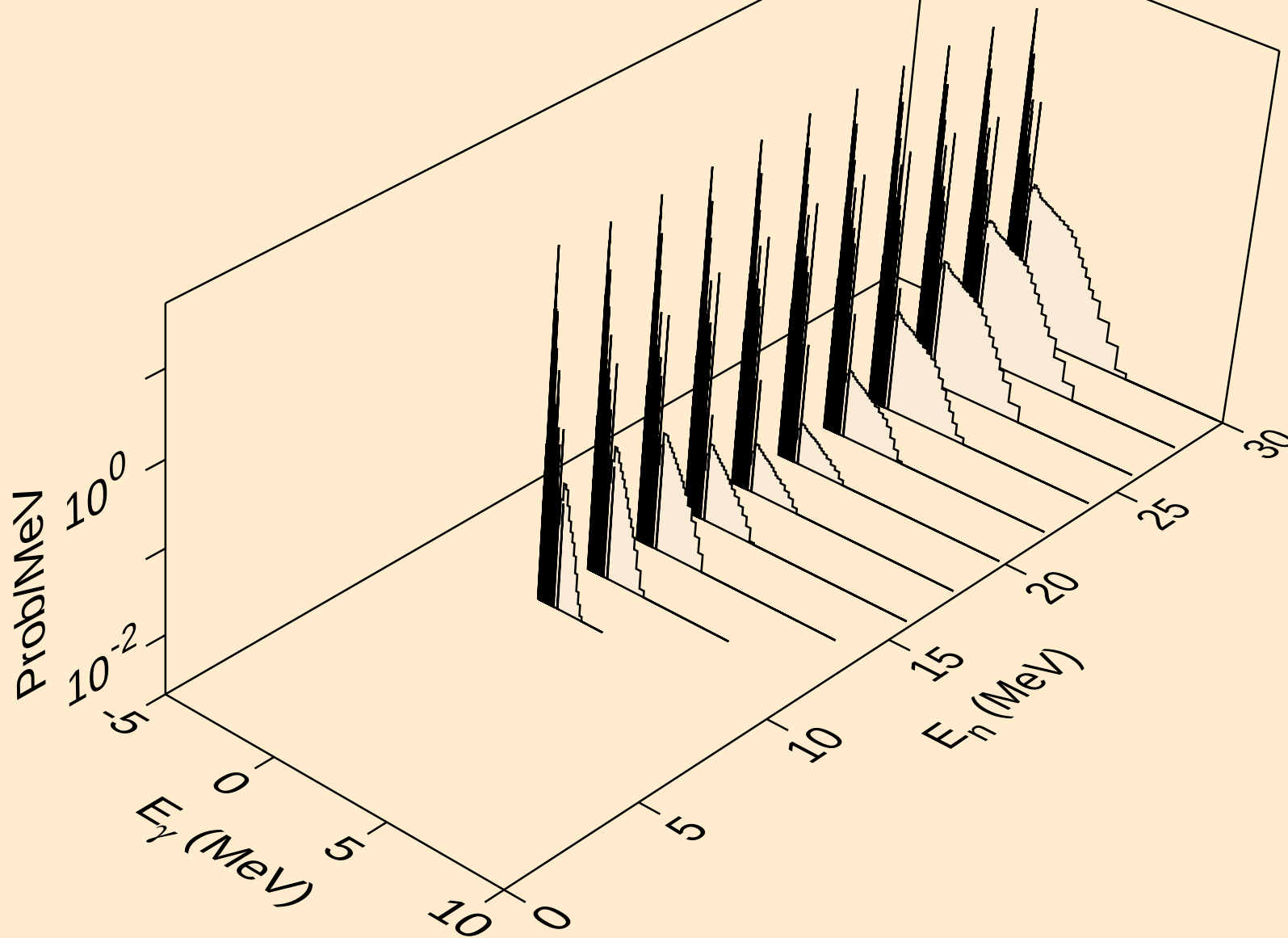
Photon emission for (n,t)



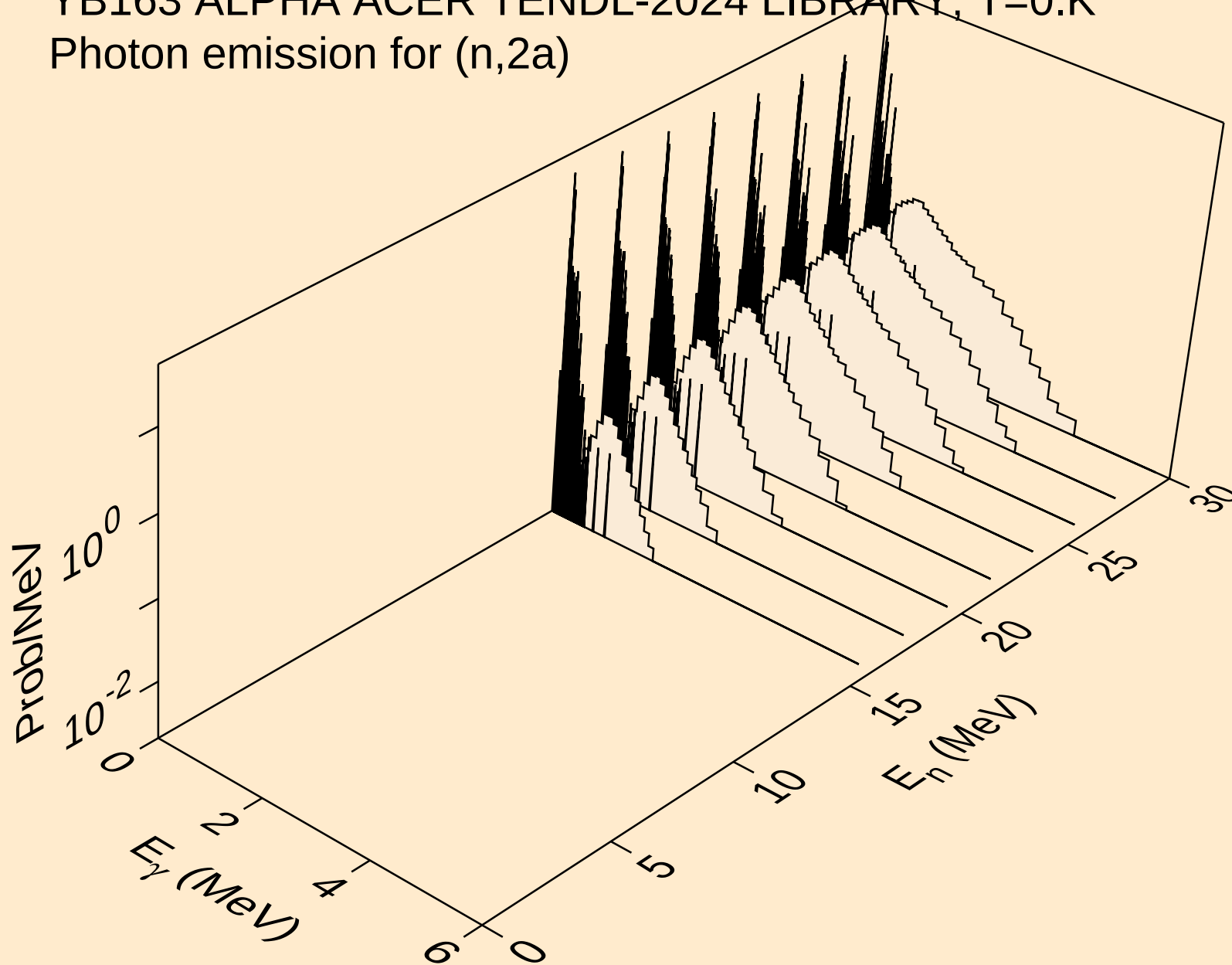
YB163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,he3)



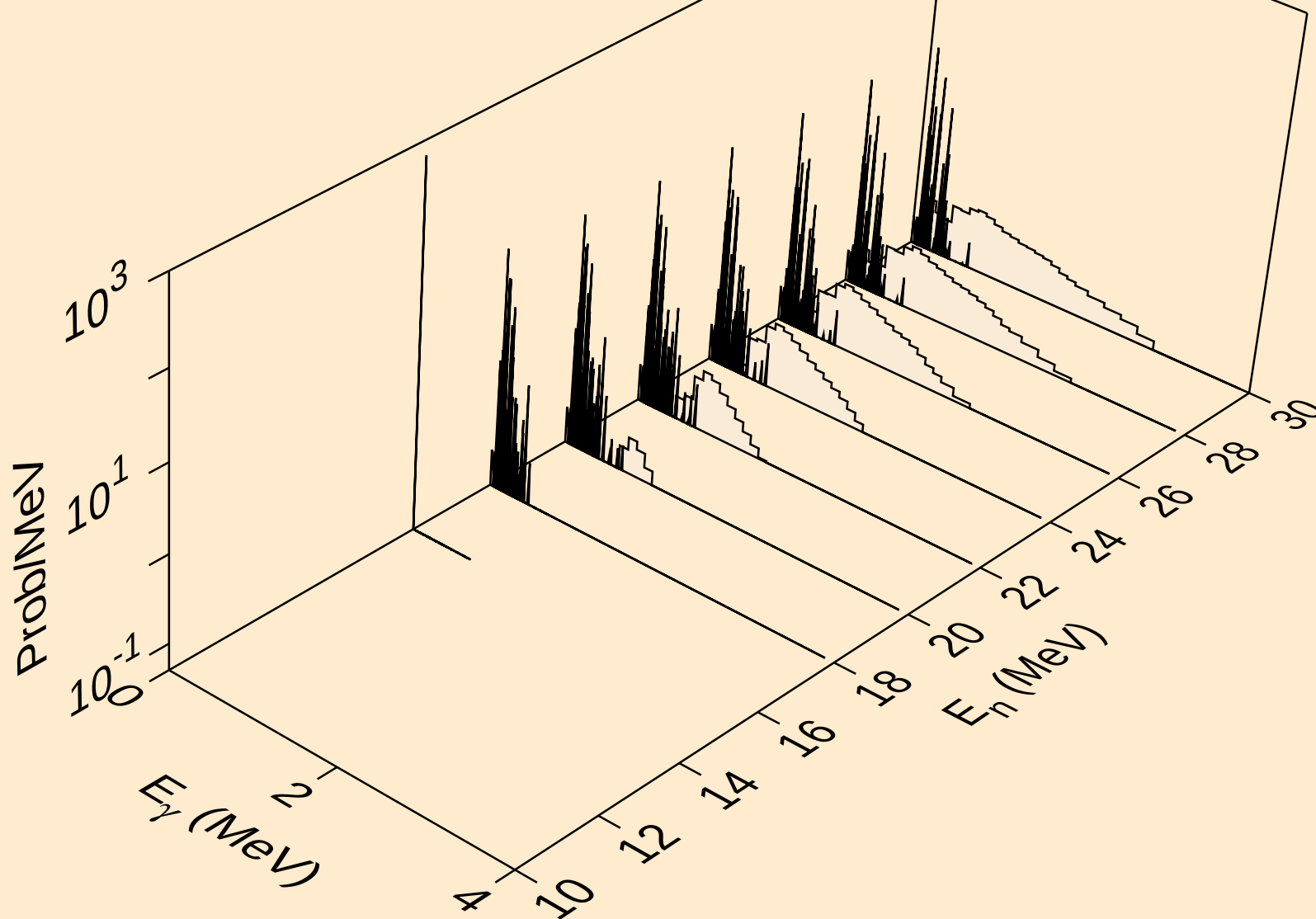
YB163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for inelastic



YB163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2a)

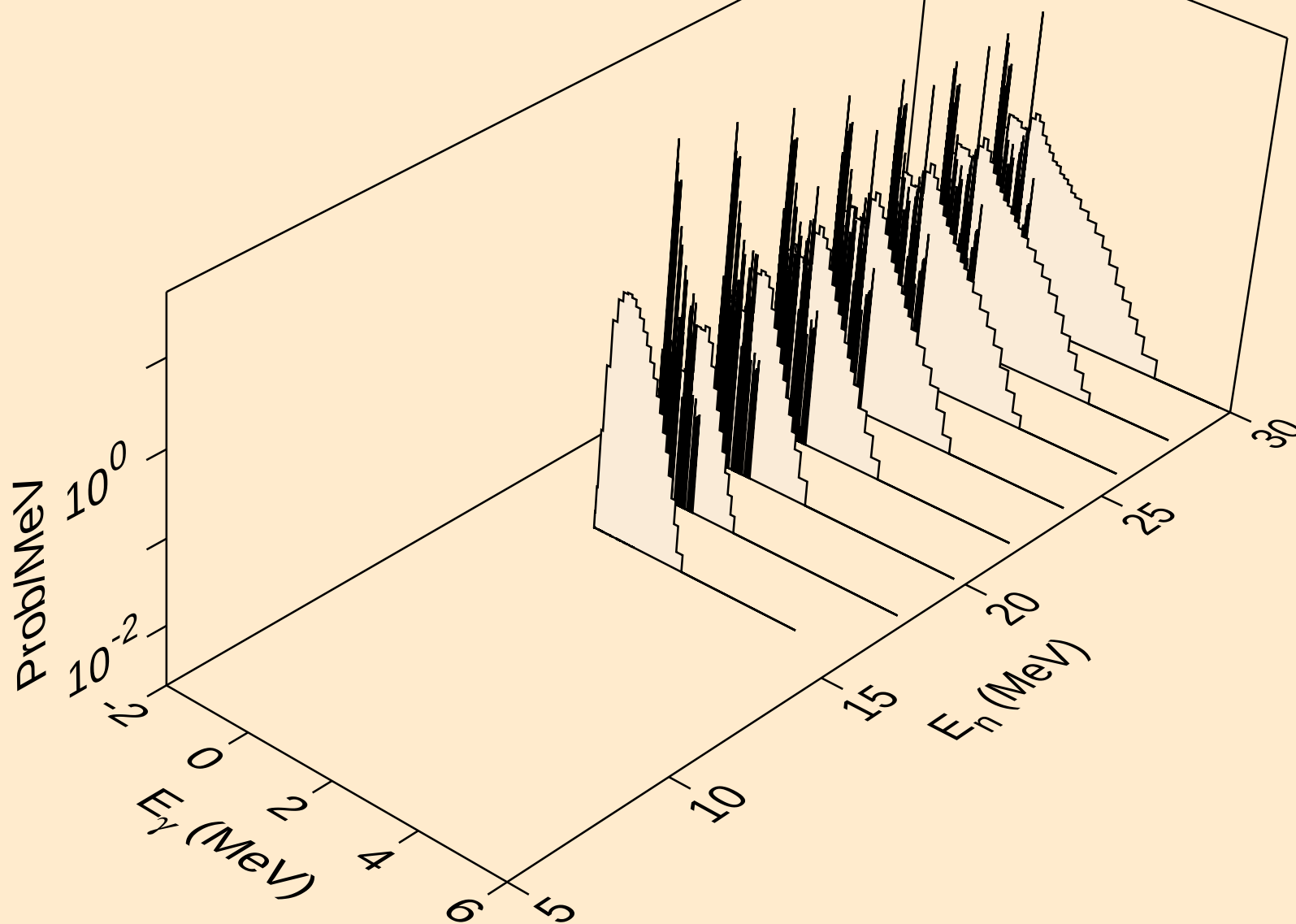


YB163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2p)



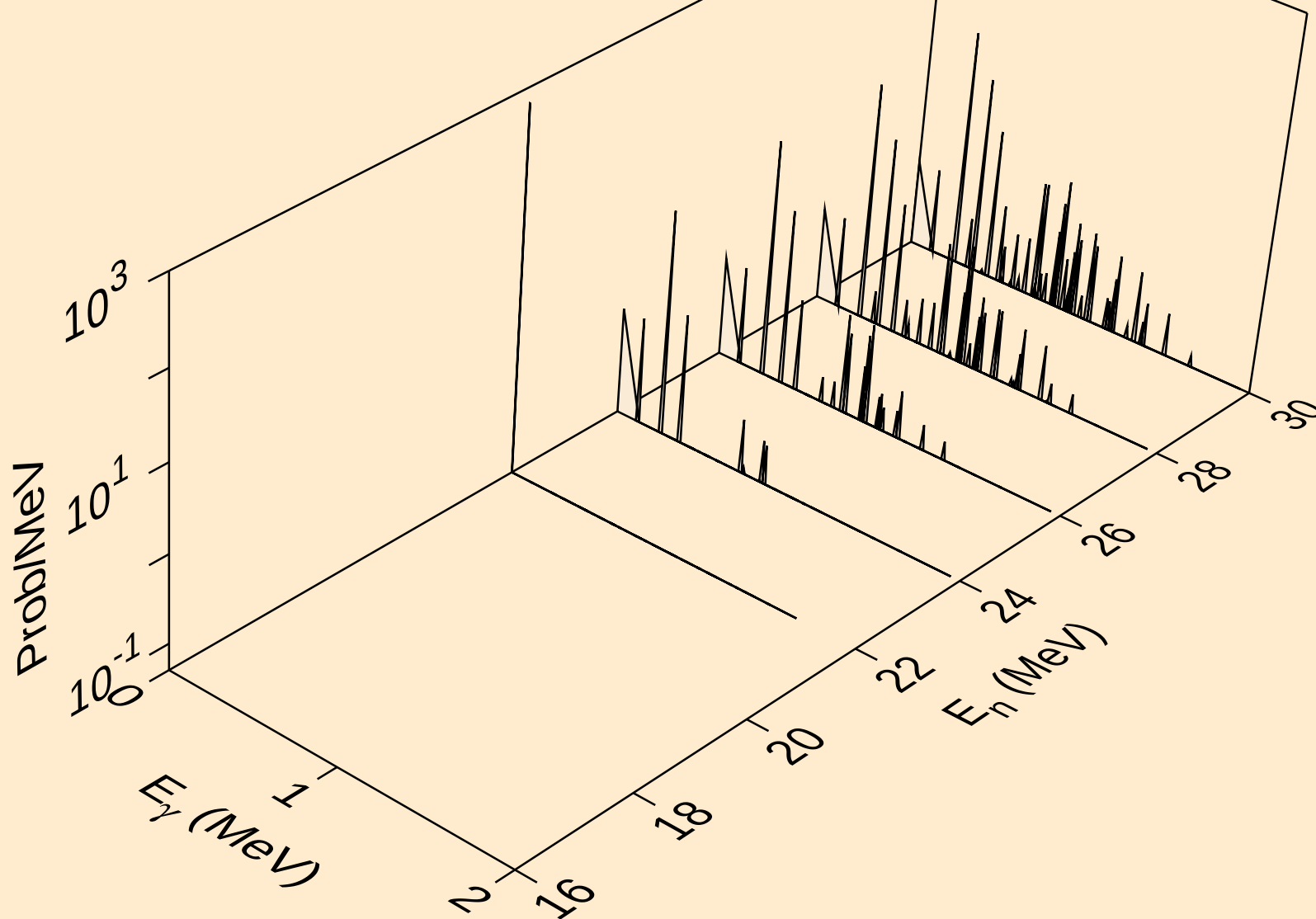
YB163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,p α)



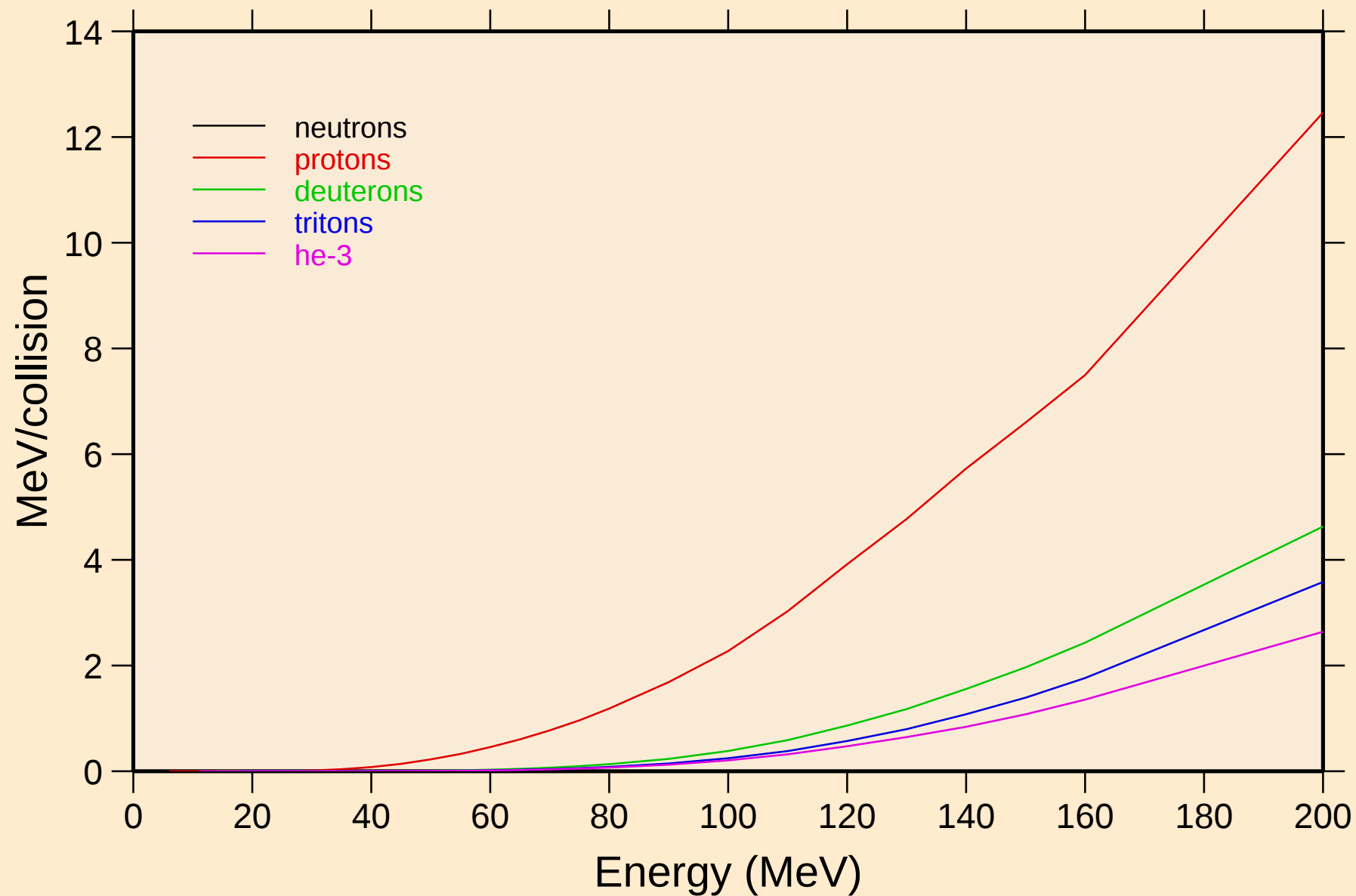
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Photon emission for (n,pd)



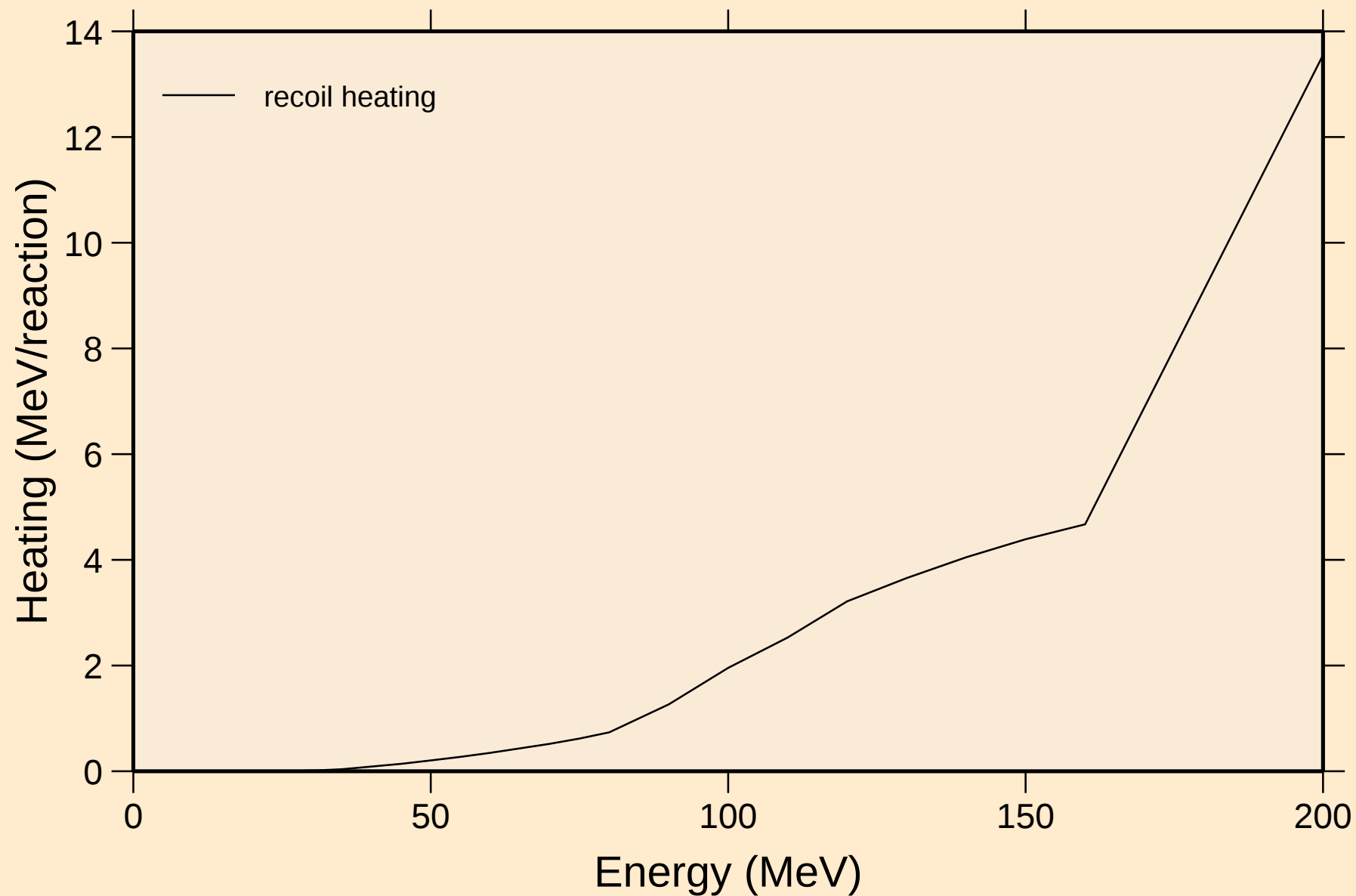
YB163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Particle heating contributions



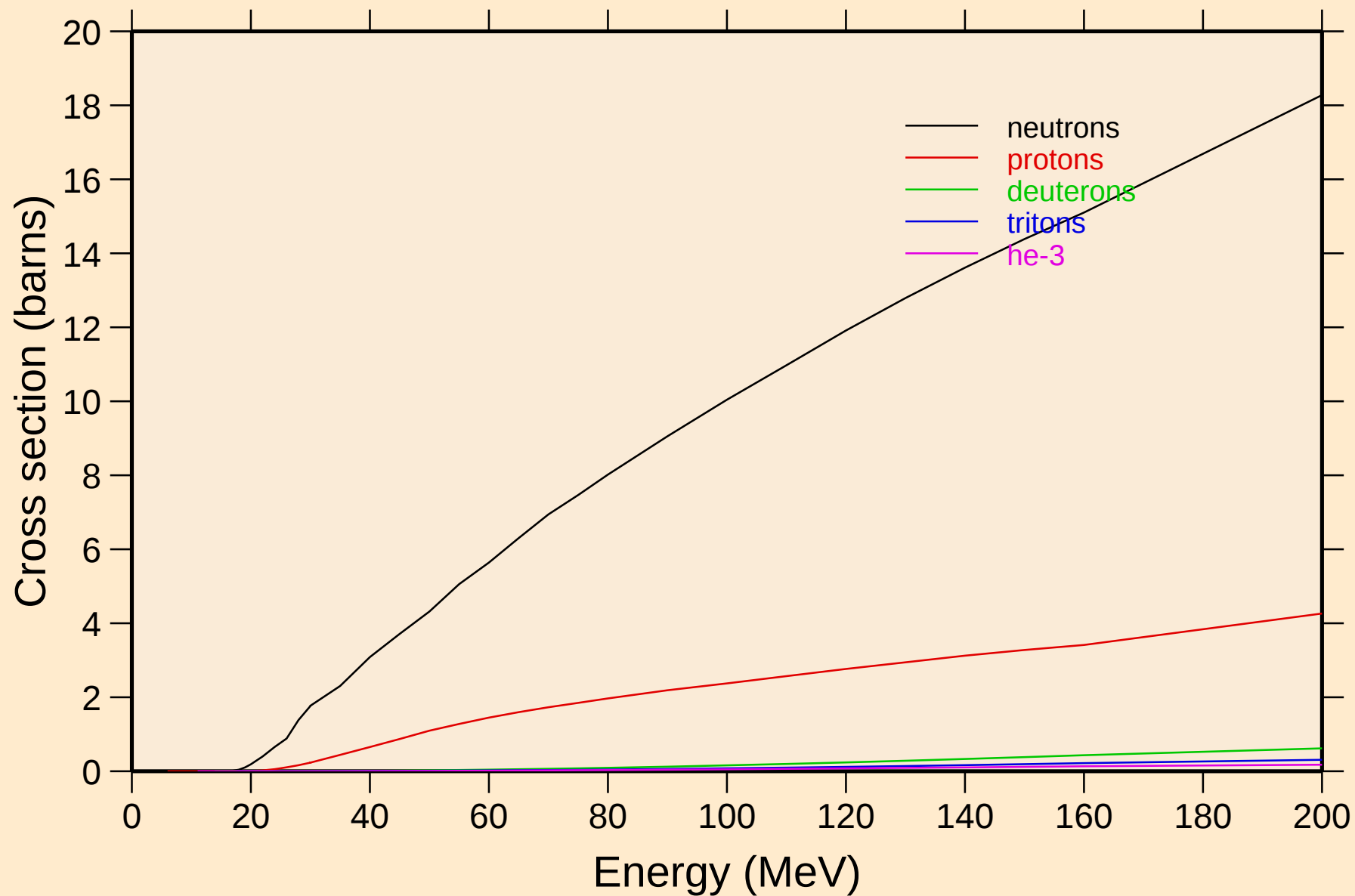
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Recoil Heating

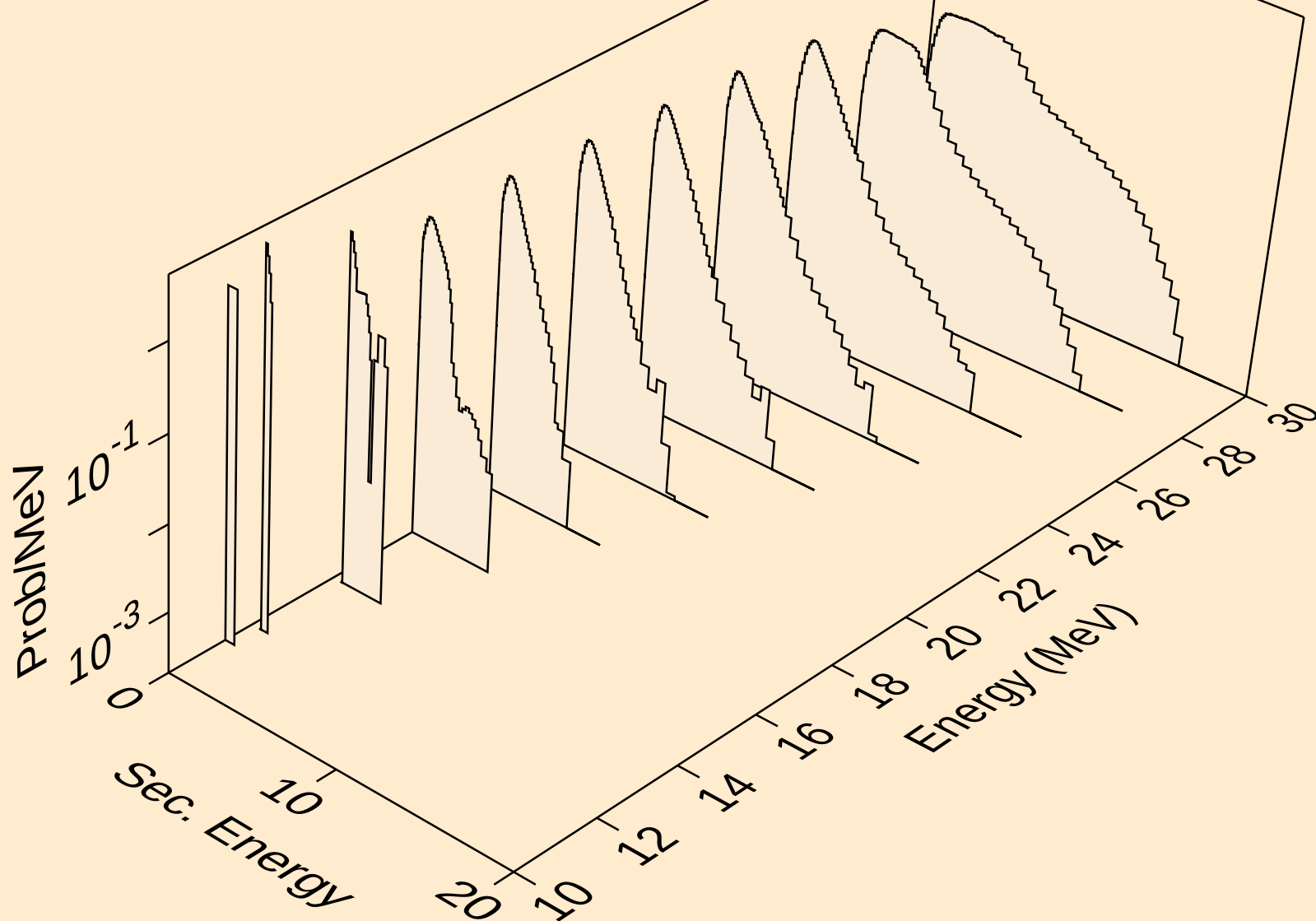


YB163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

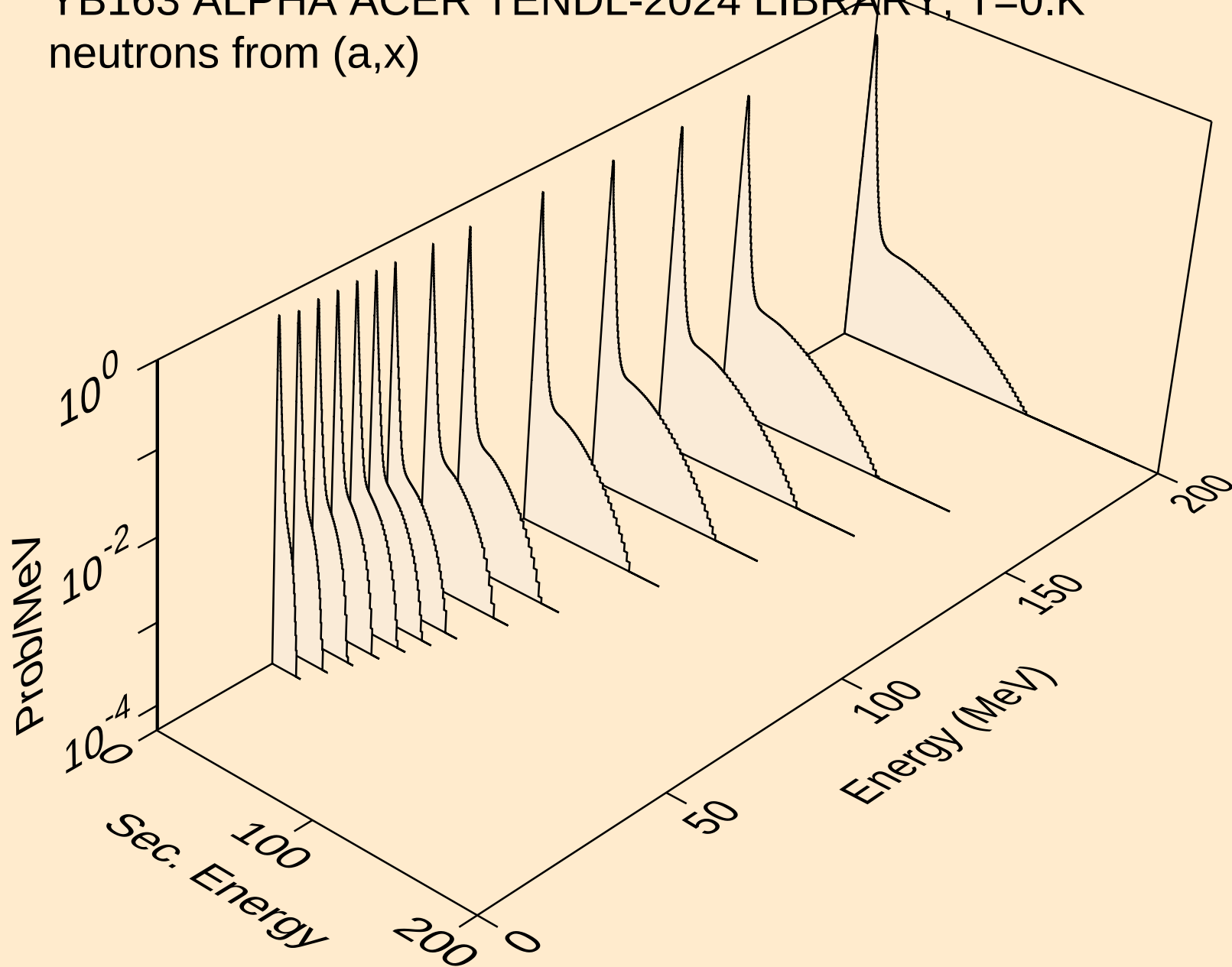
Particle production cross sections



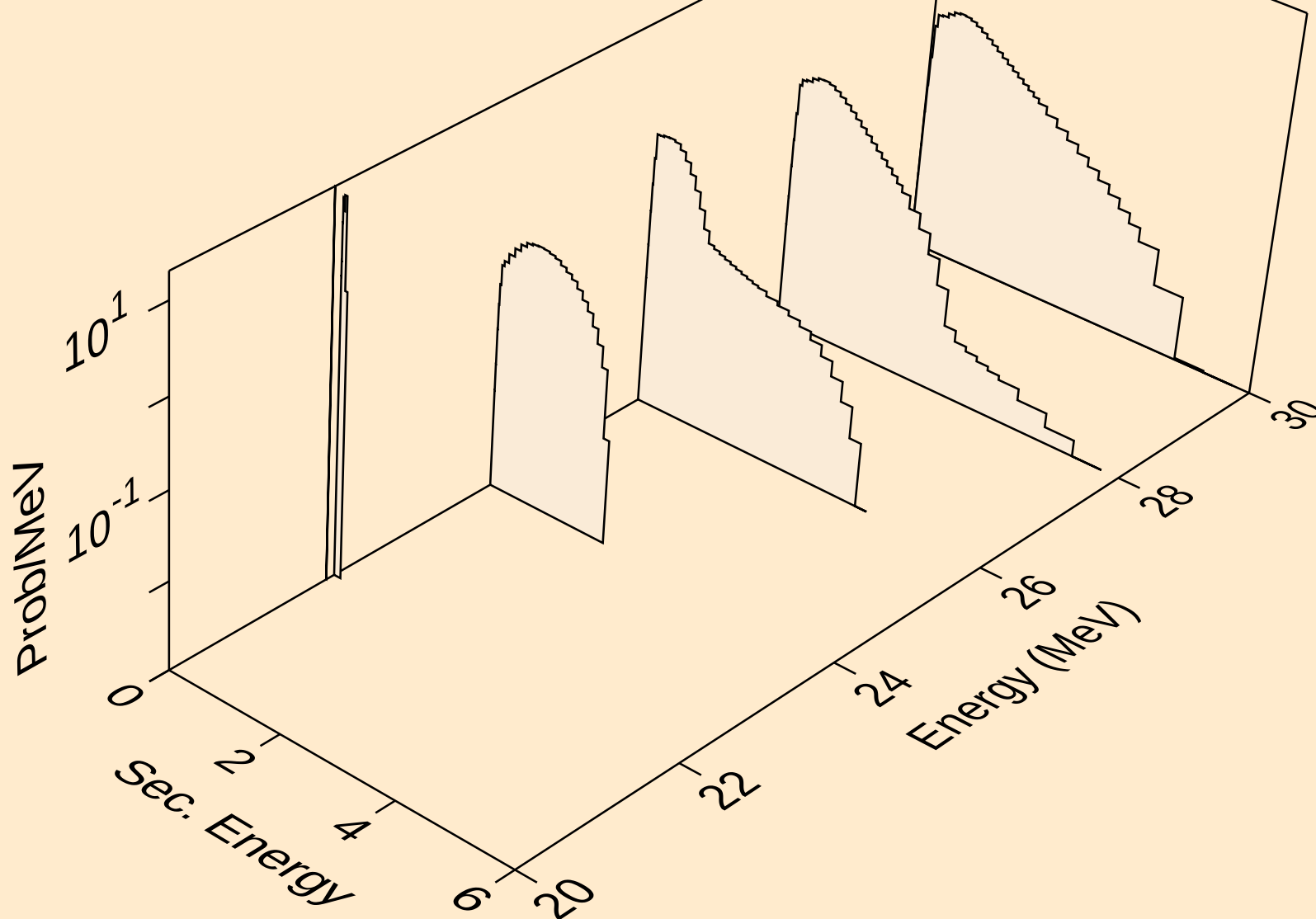
YB163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,n)



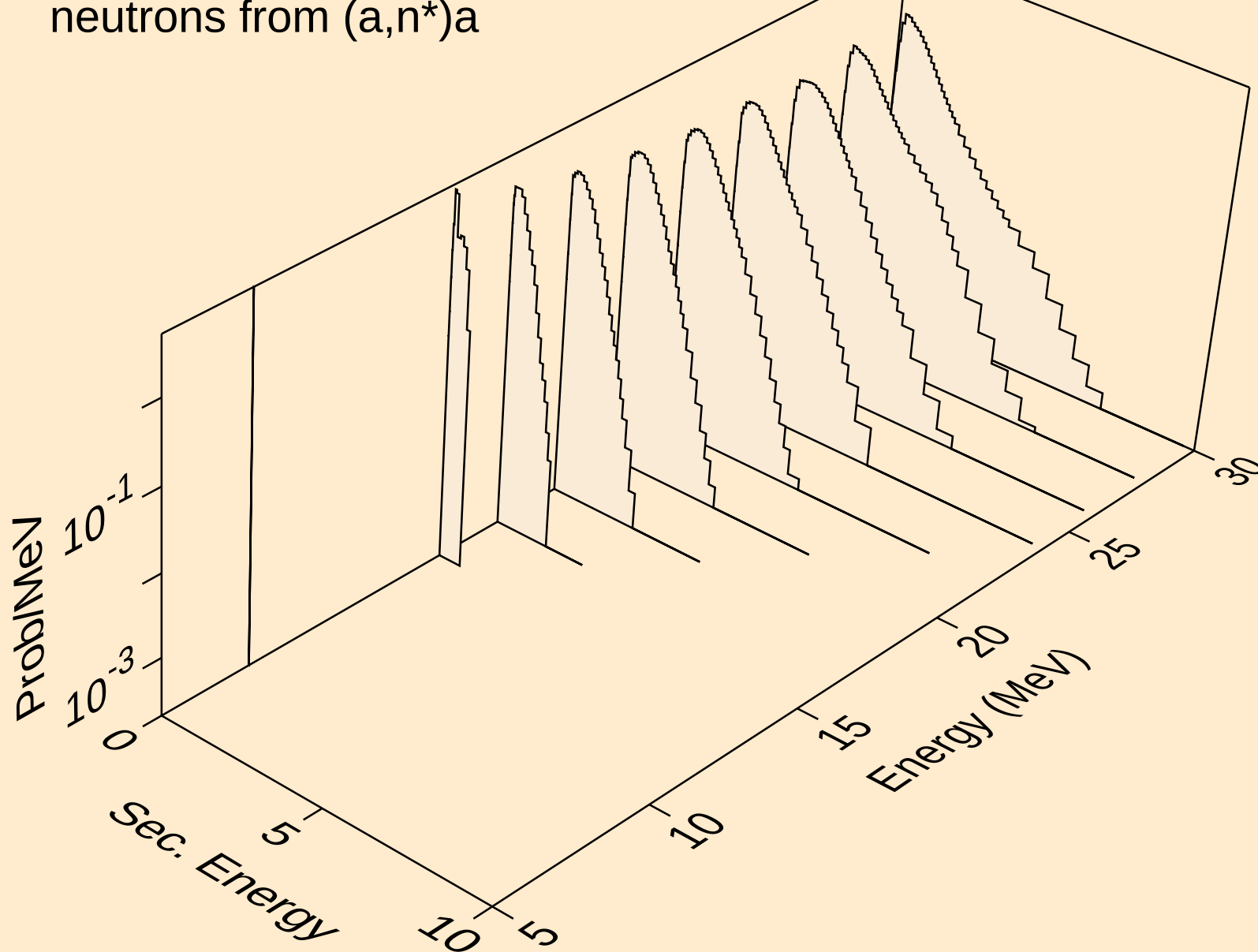
YB163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,x)



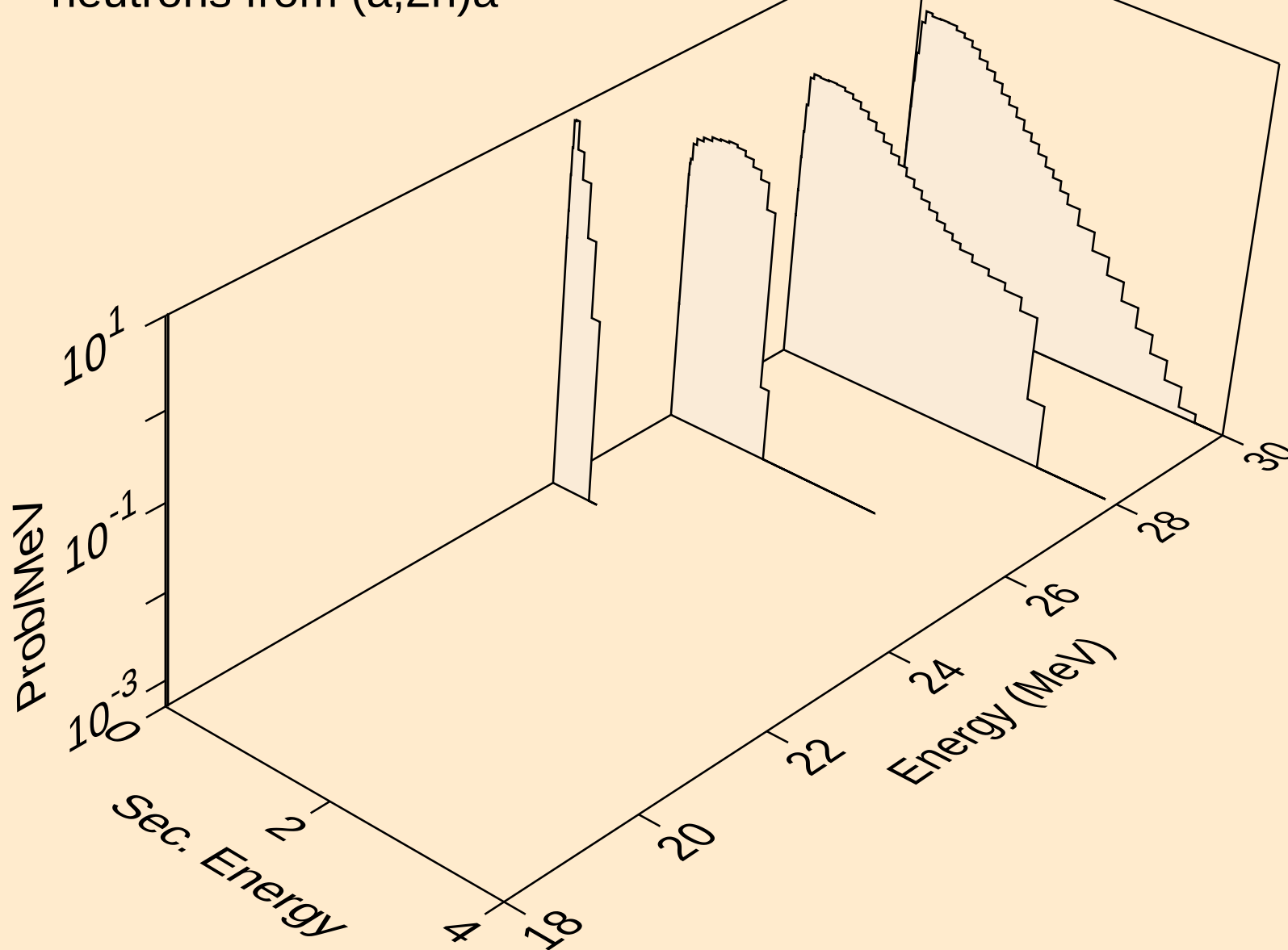
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neutrons from (a,2n)



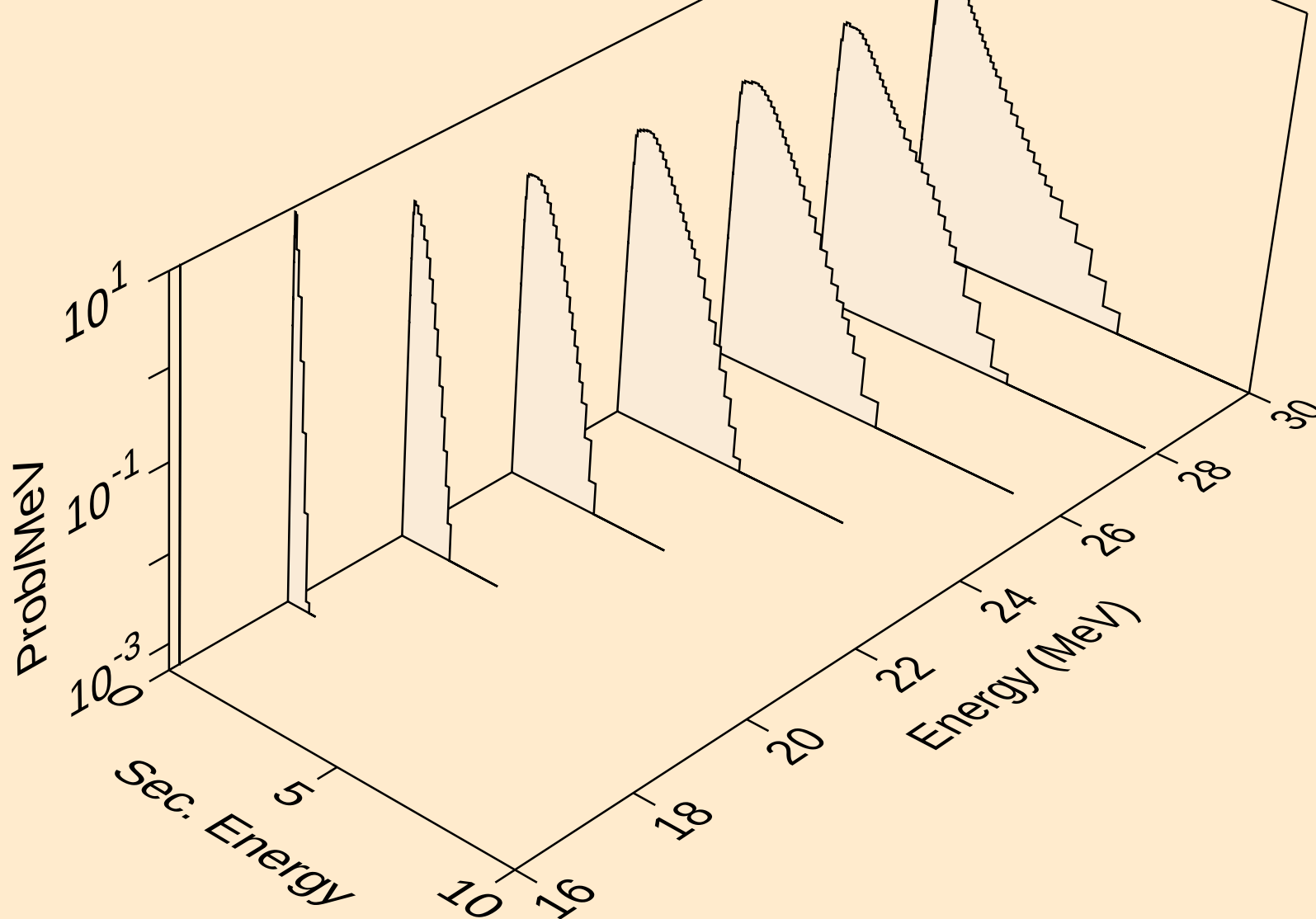
YB163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,n*)a



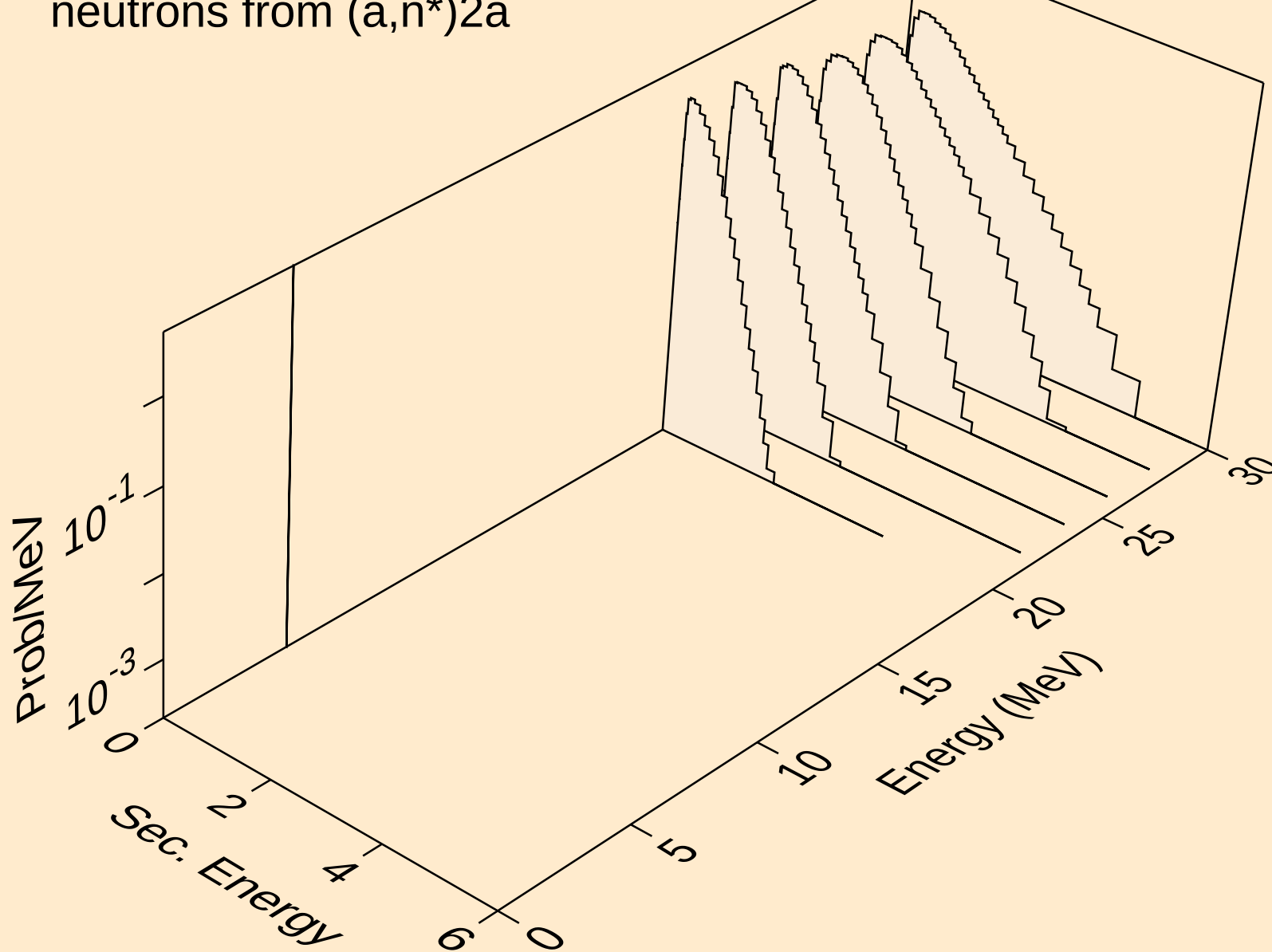
YB163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,2n)a



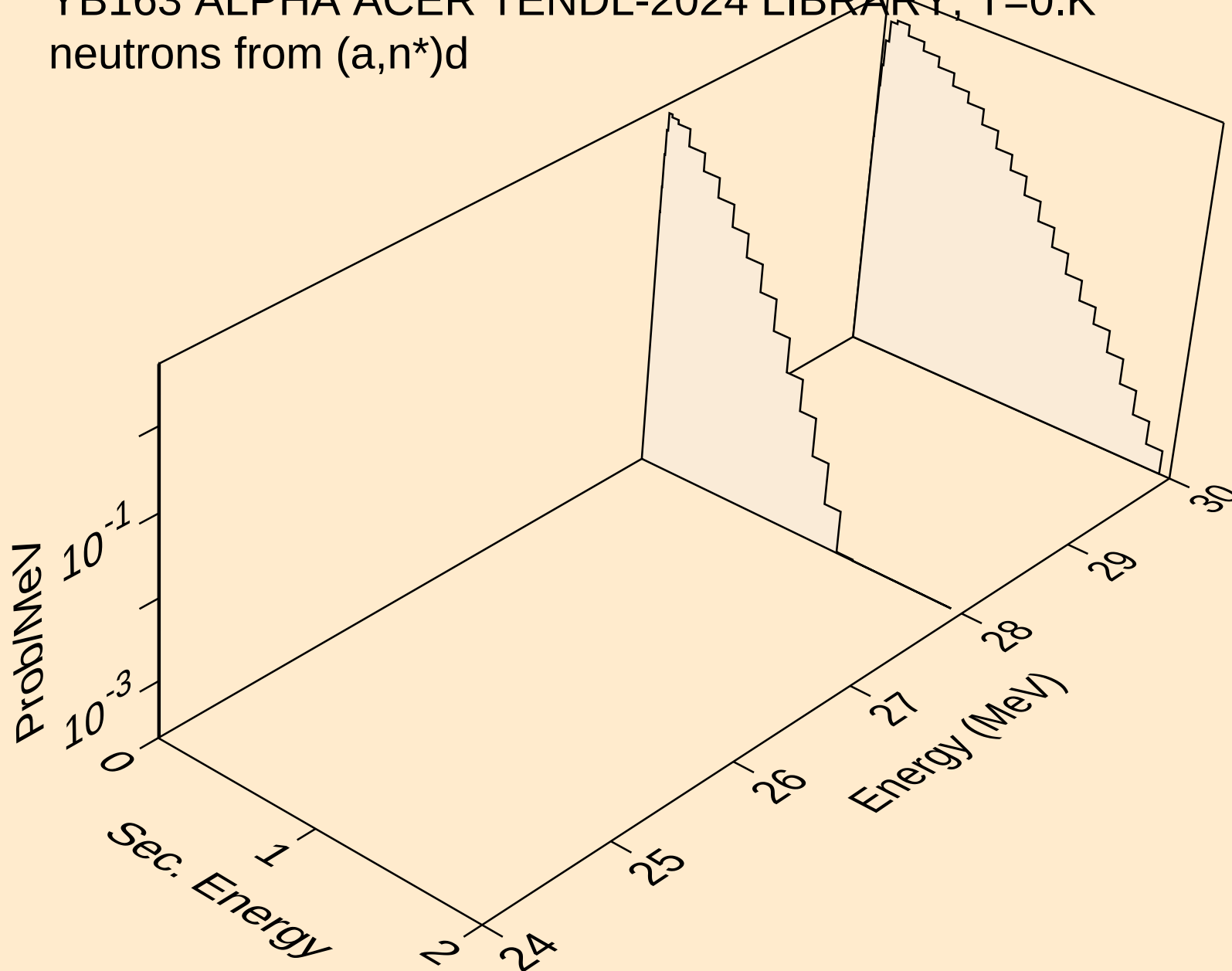
YB163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,n*)p



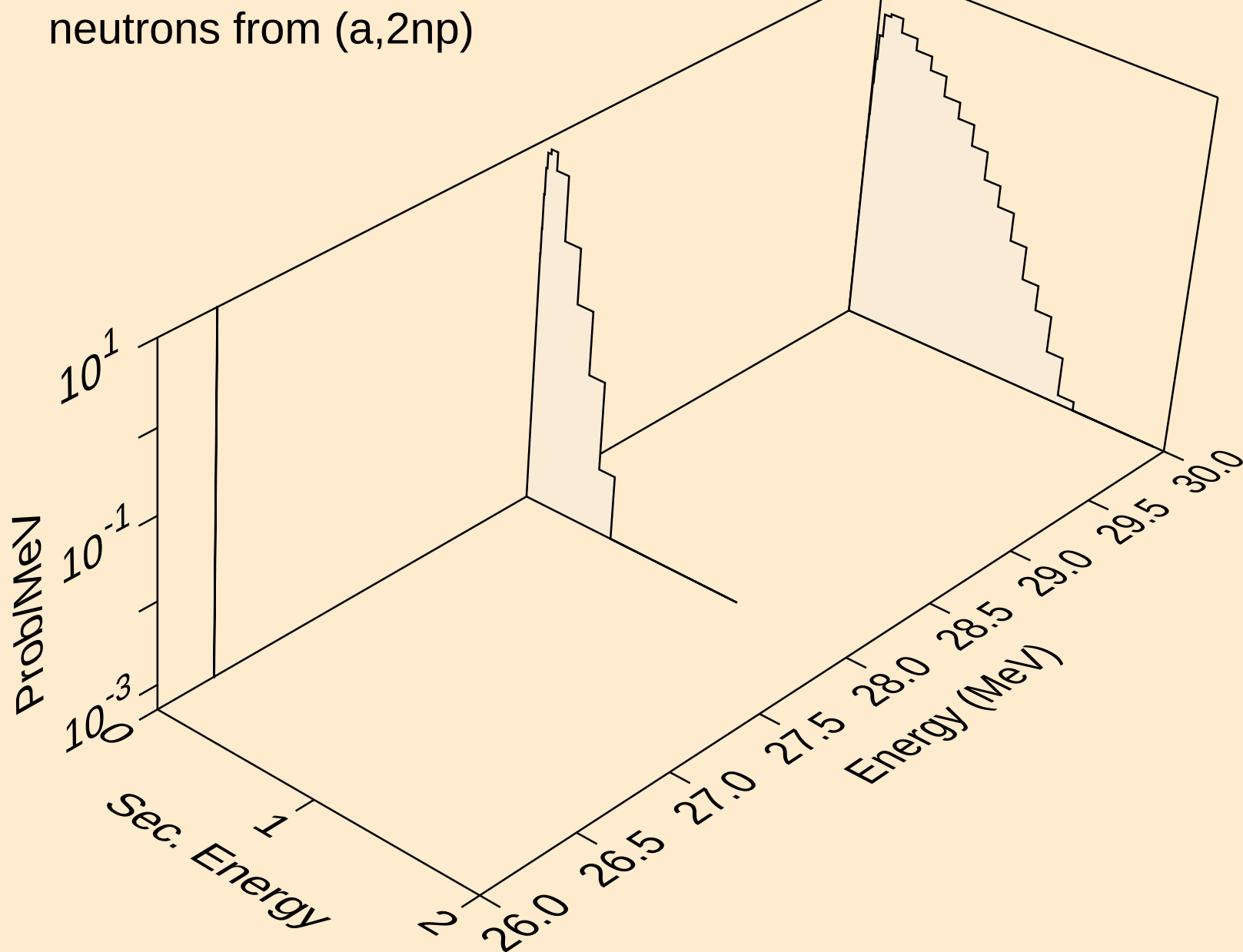
YB163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,n*)2a



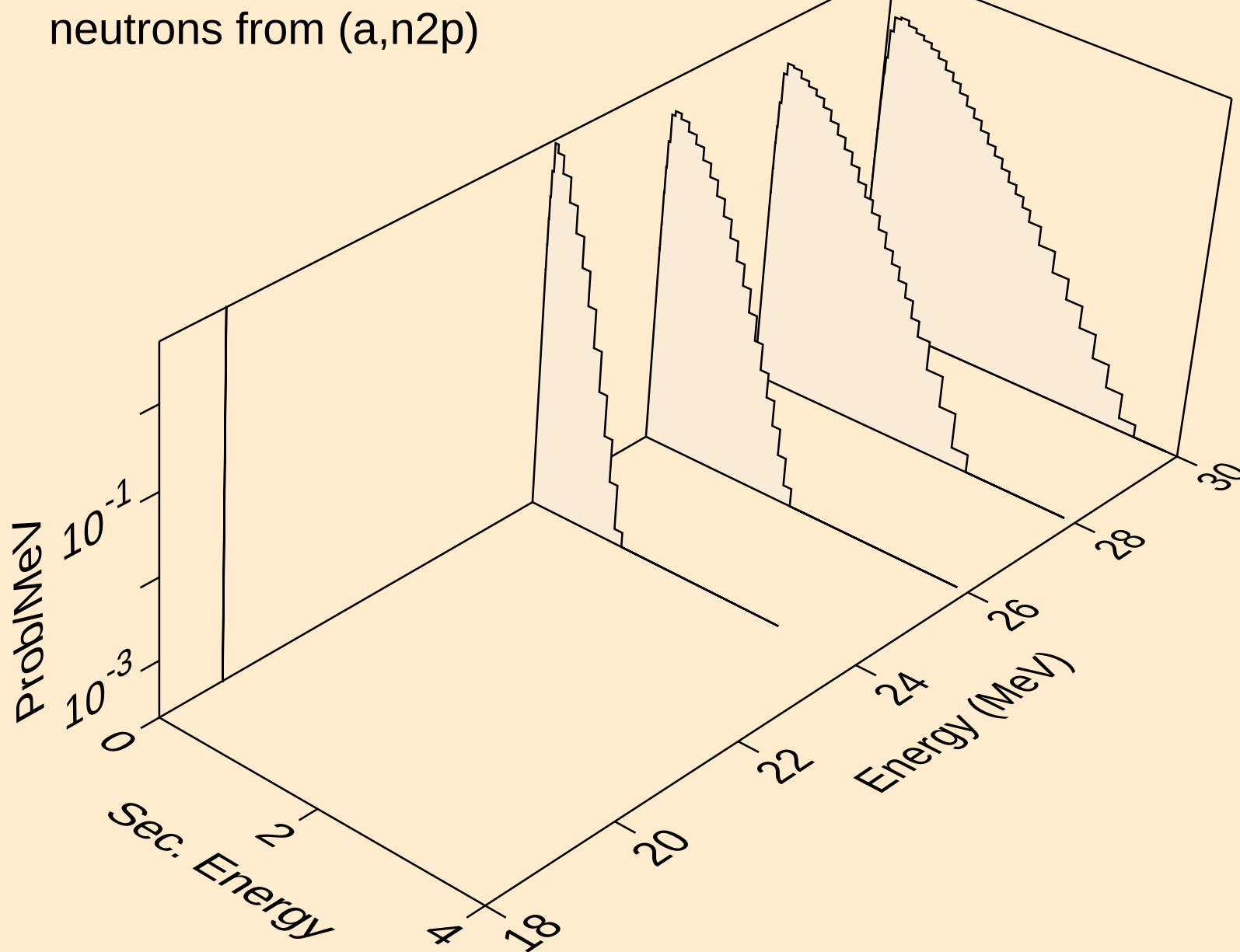
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neutrons from (a,n*)d



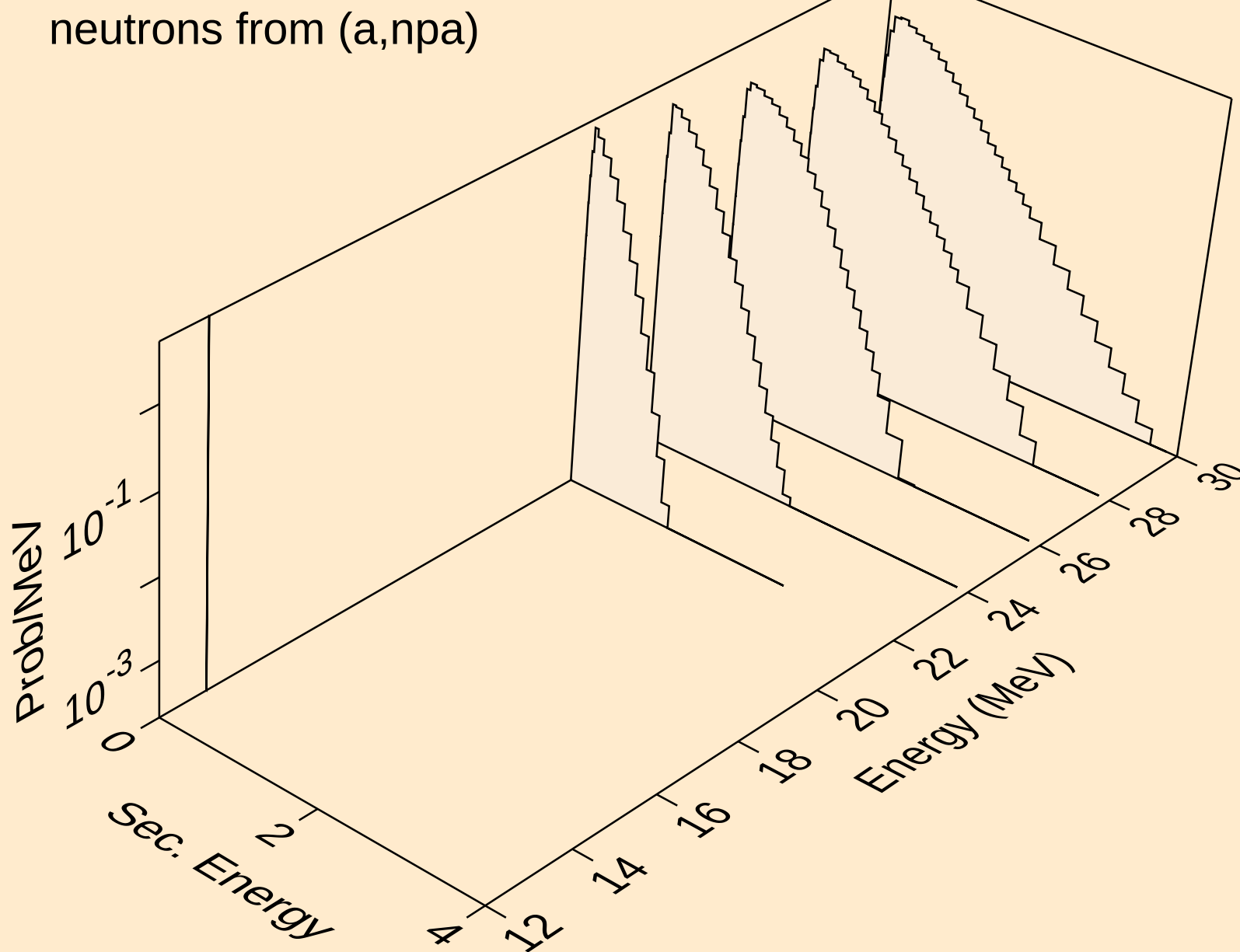
YB163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,2np)



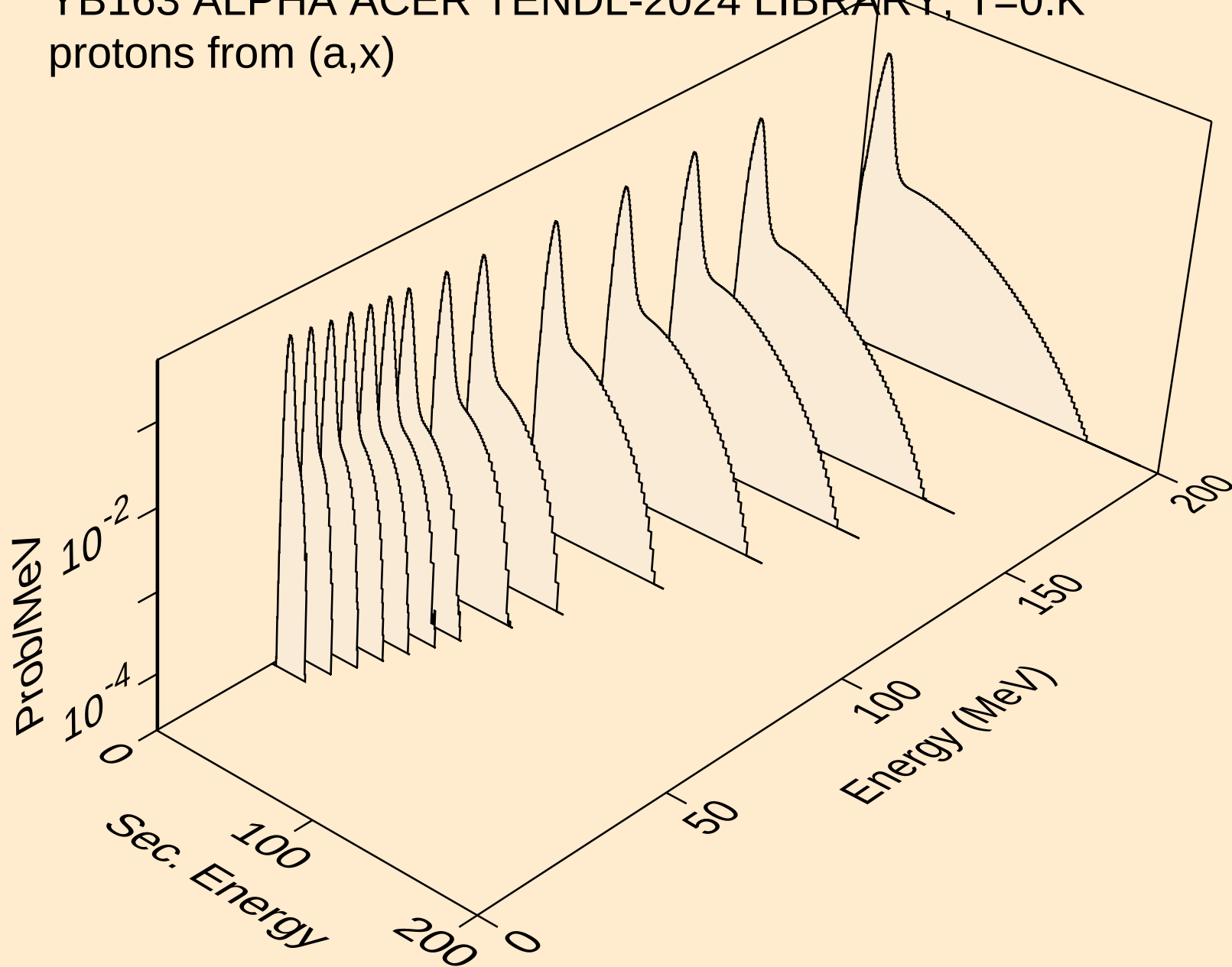
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neutrons from (a,n2p)



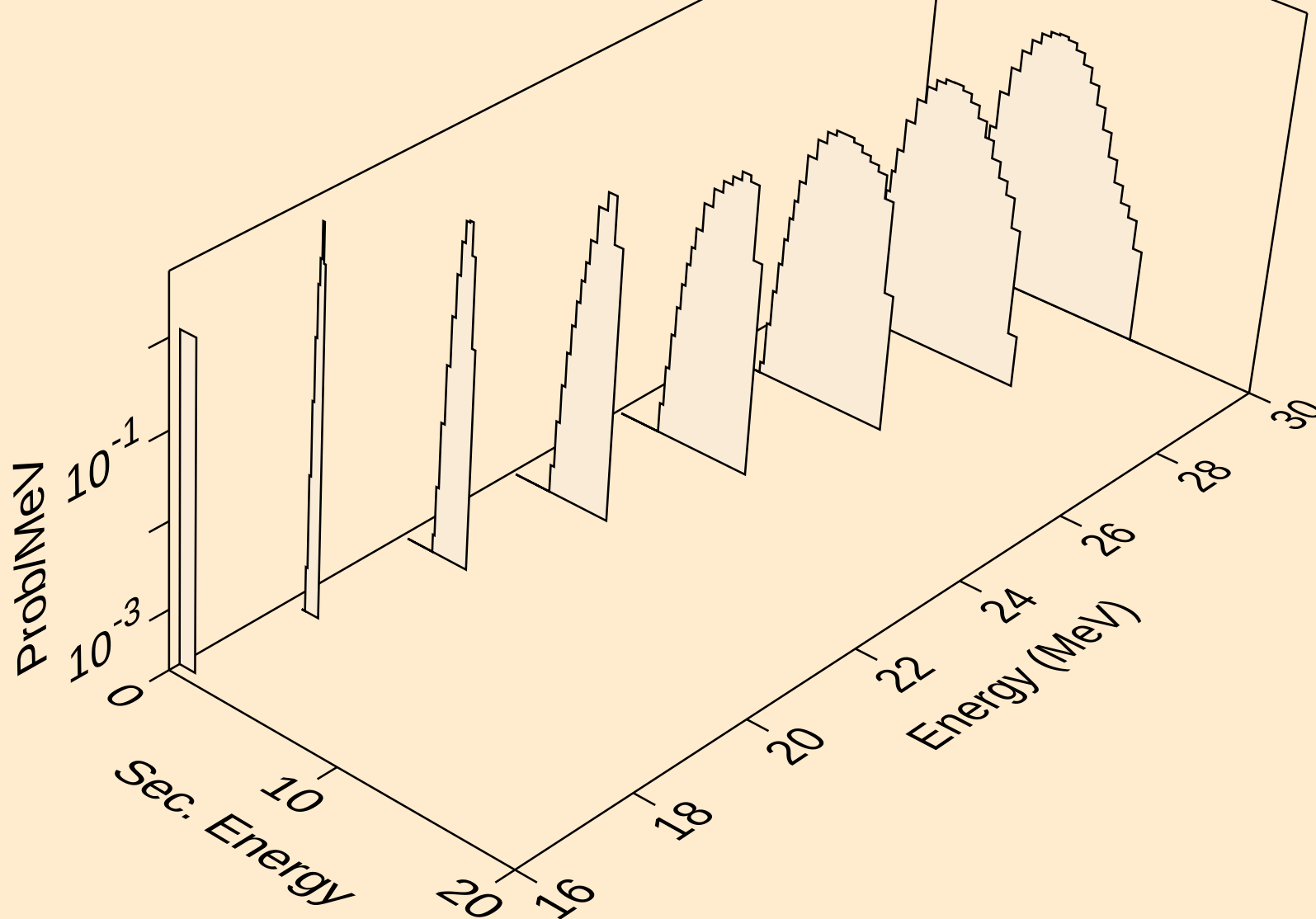
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neutrons from (a,npa)



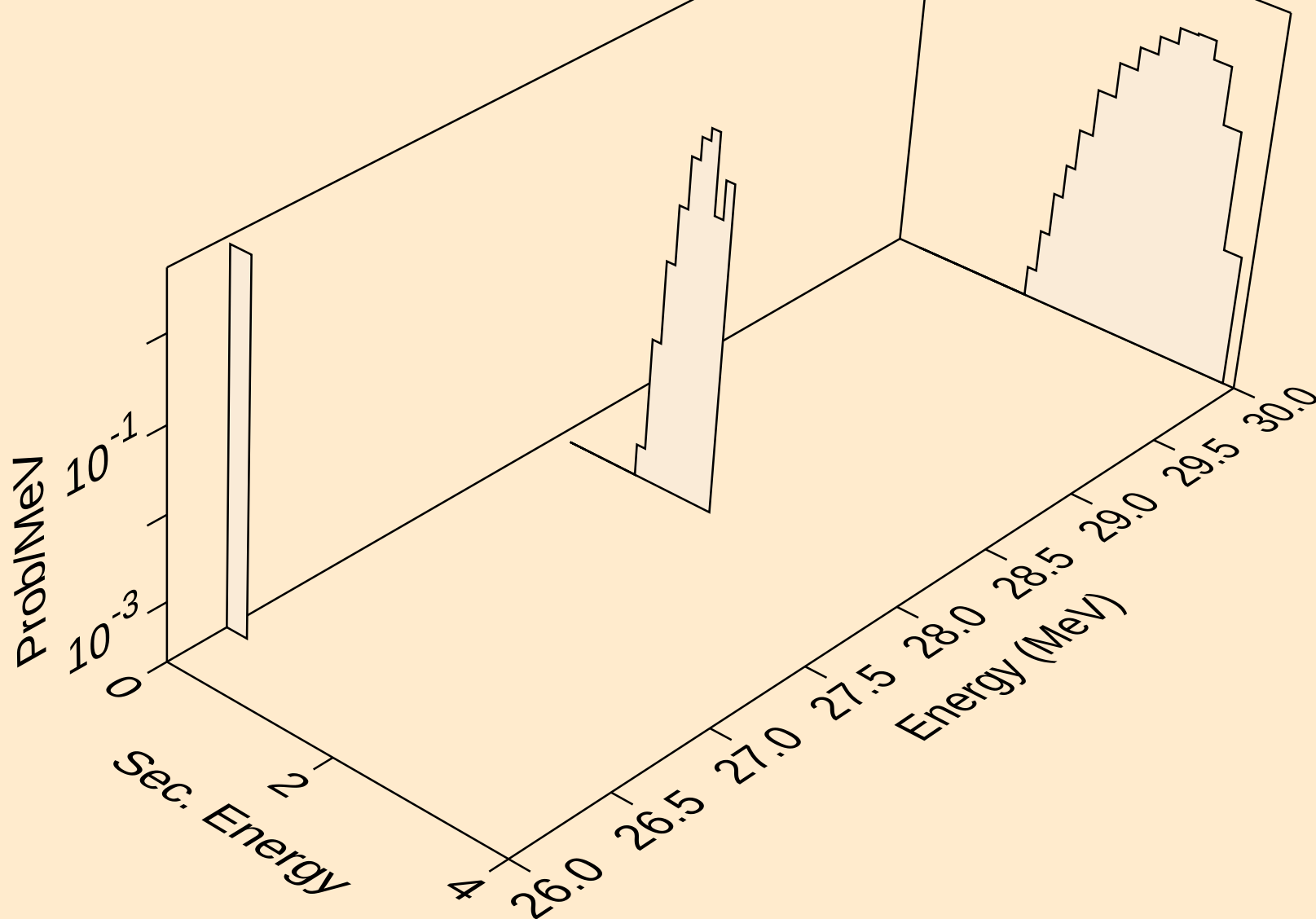
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protons from (a,x)



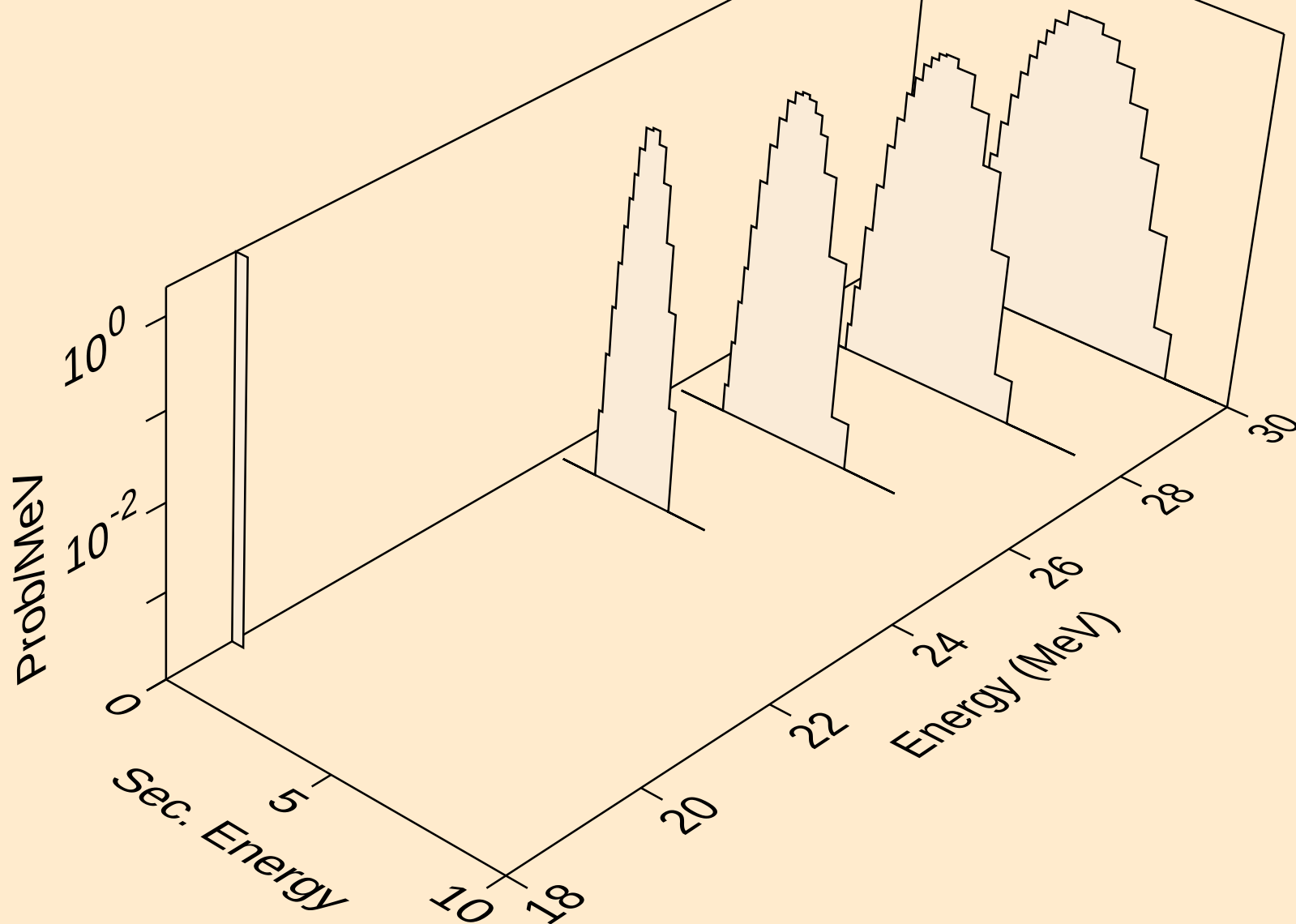
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protons from (a,n*)p



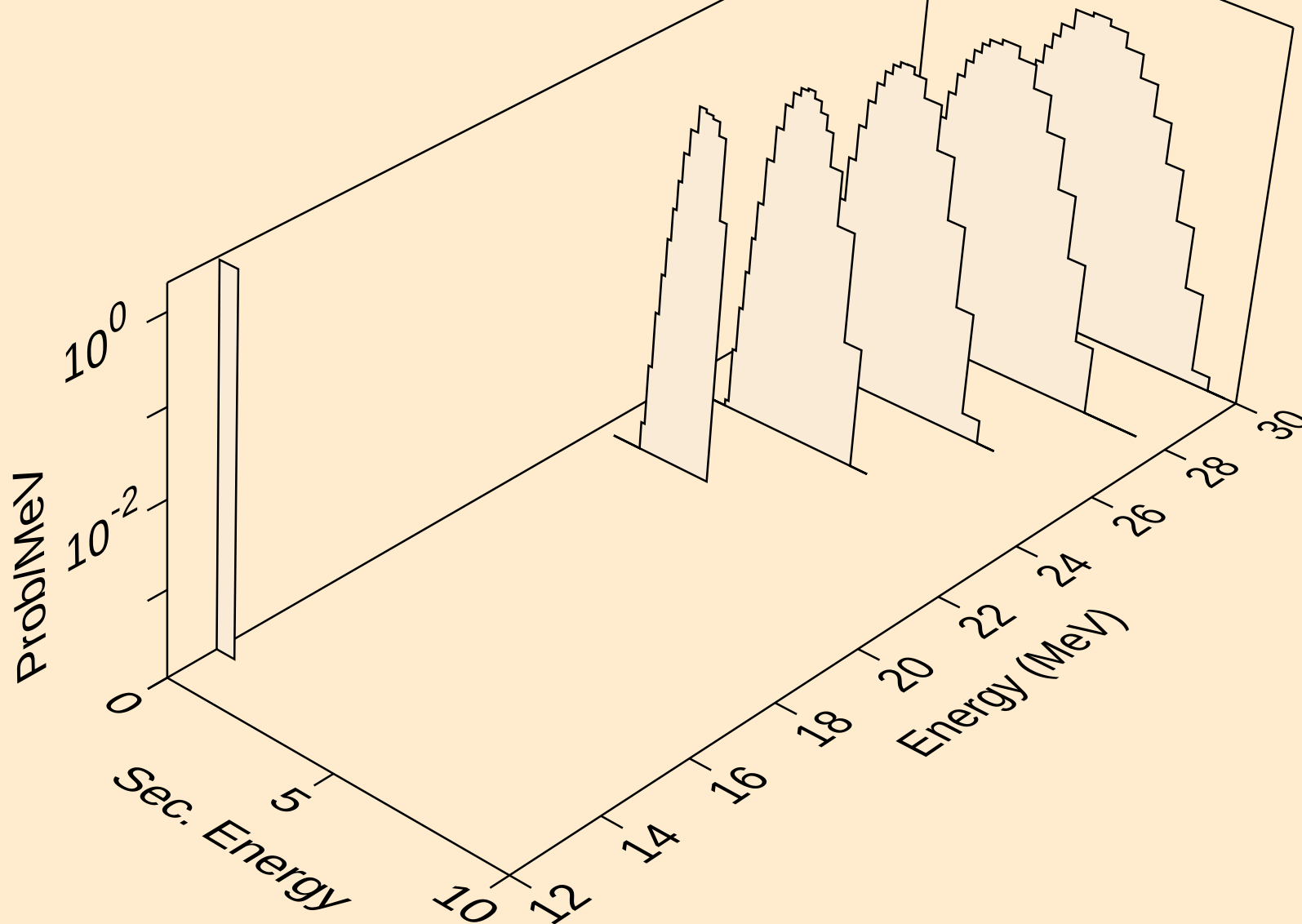
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protons from (a,2np)



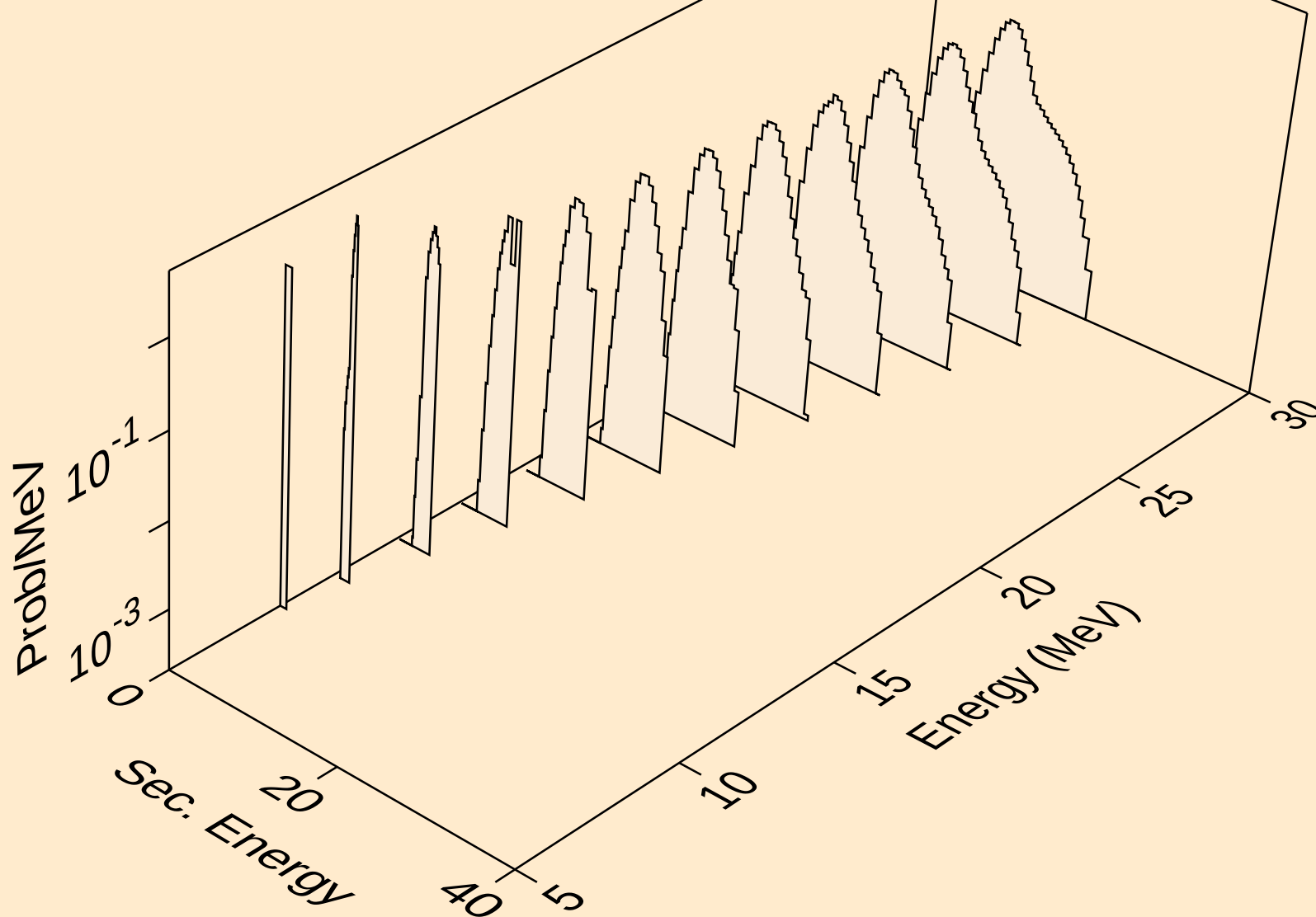
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protons from (a,n2p)



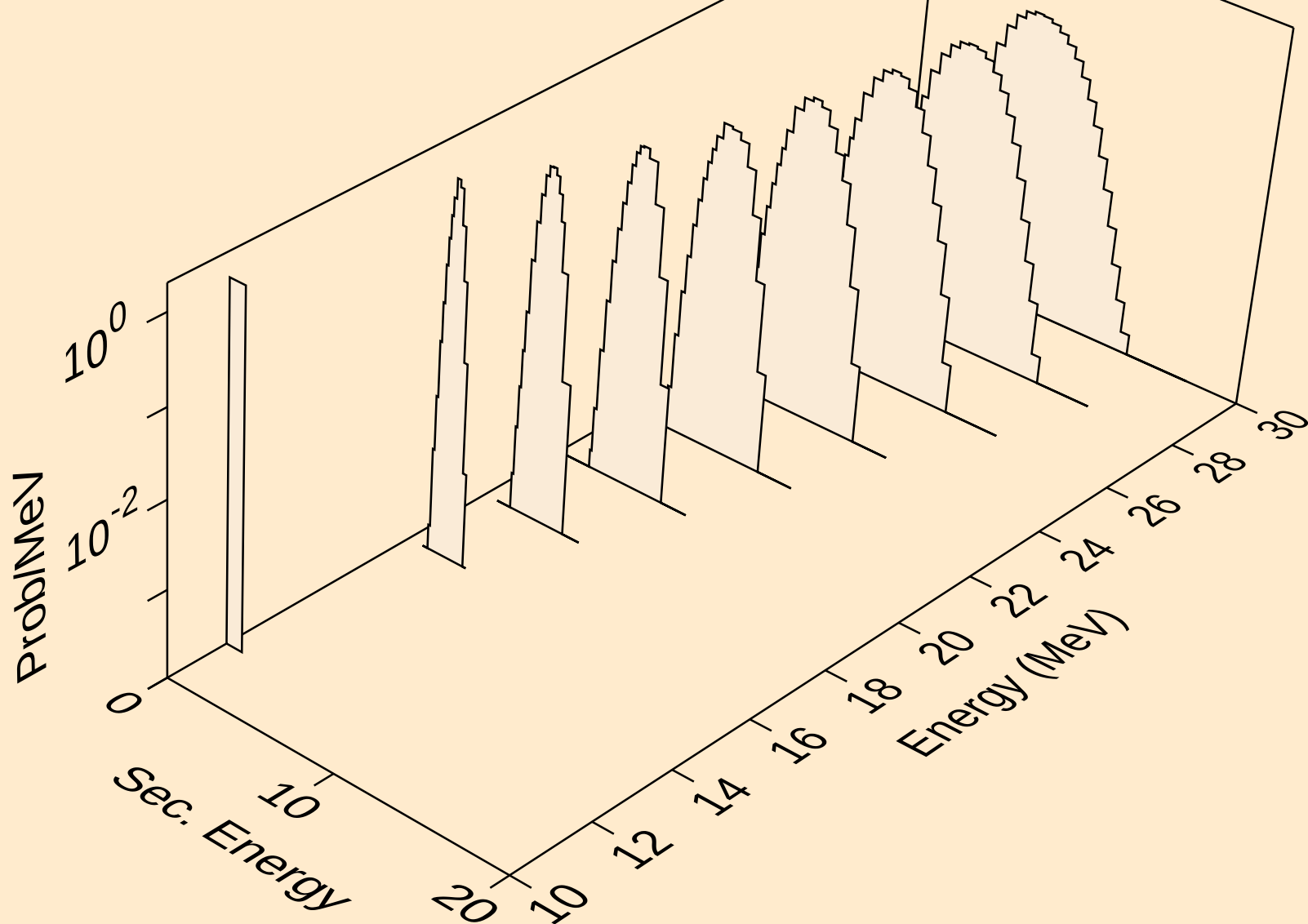
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protons from (a,npa)



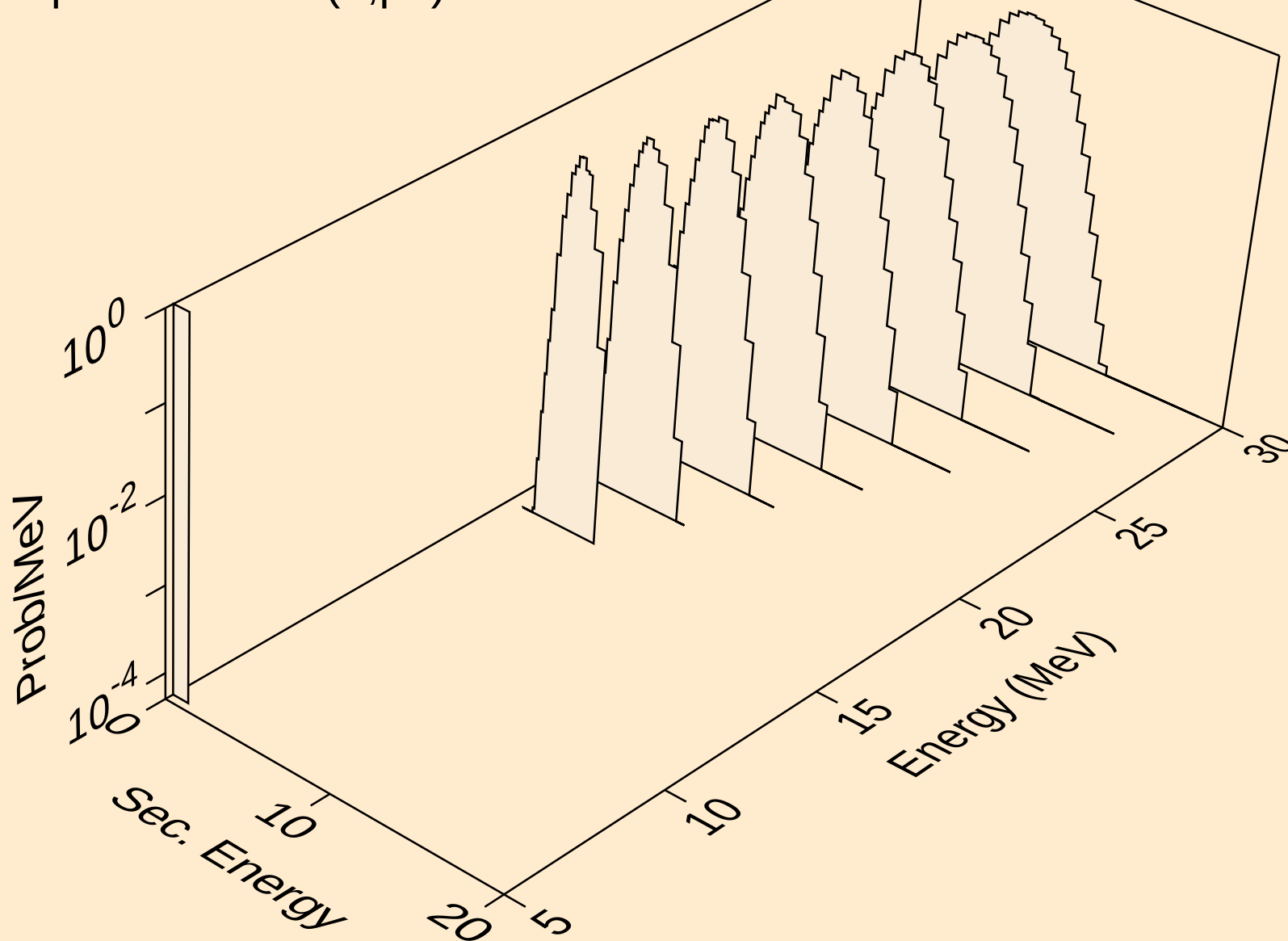
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protons from (a,p)



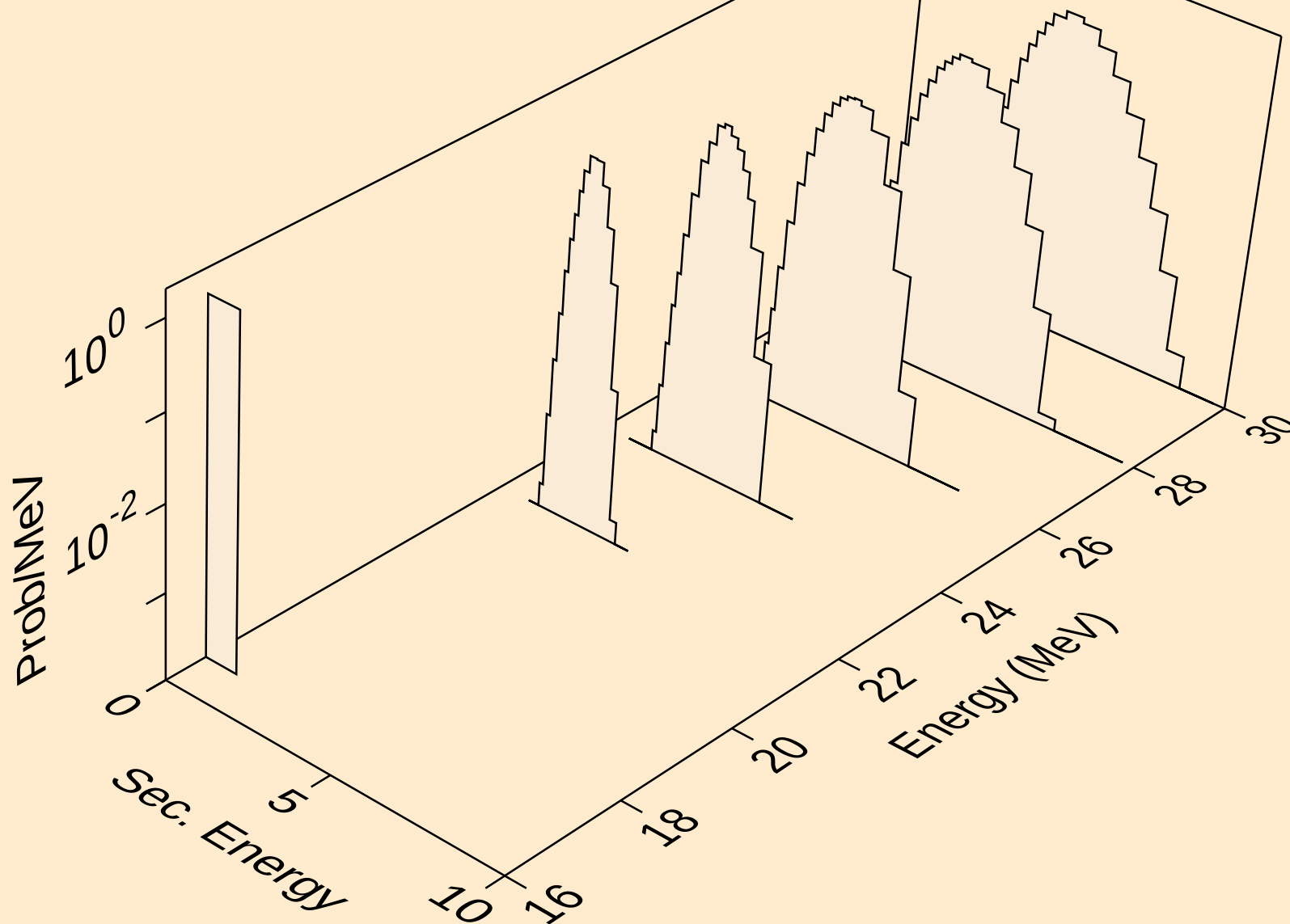
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protons from (a,2p)



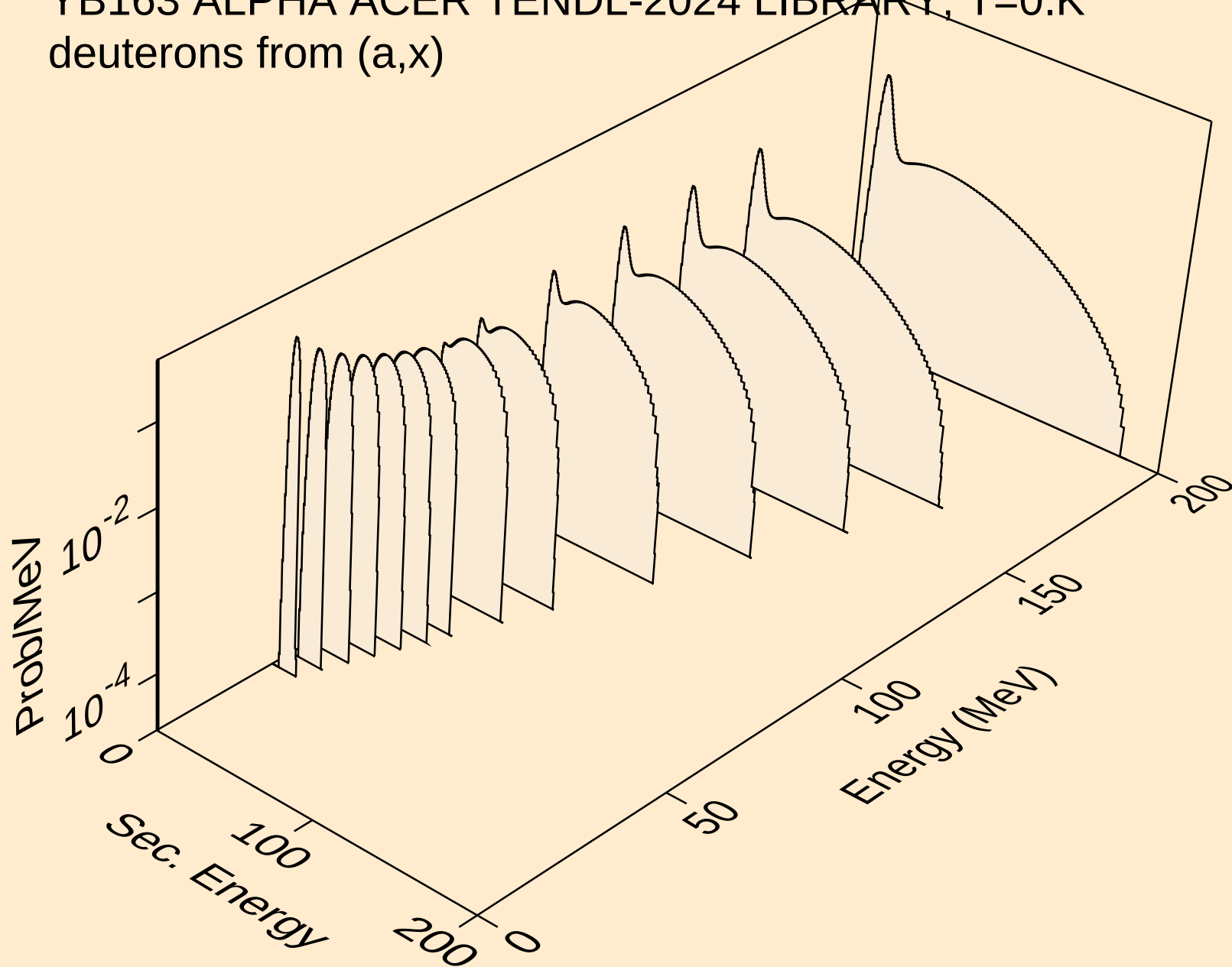
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protons from (a,pa)



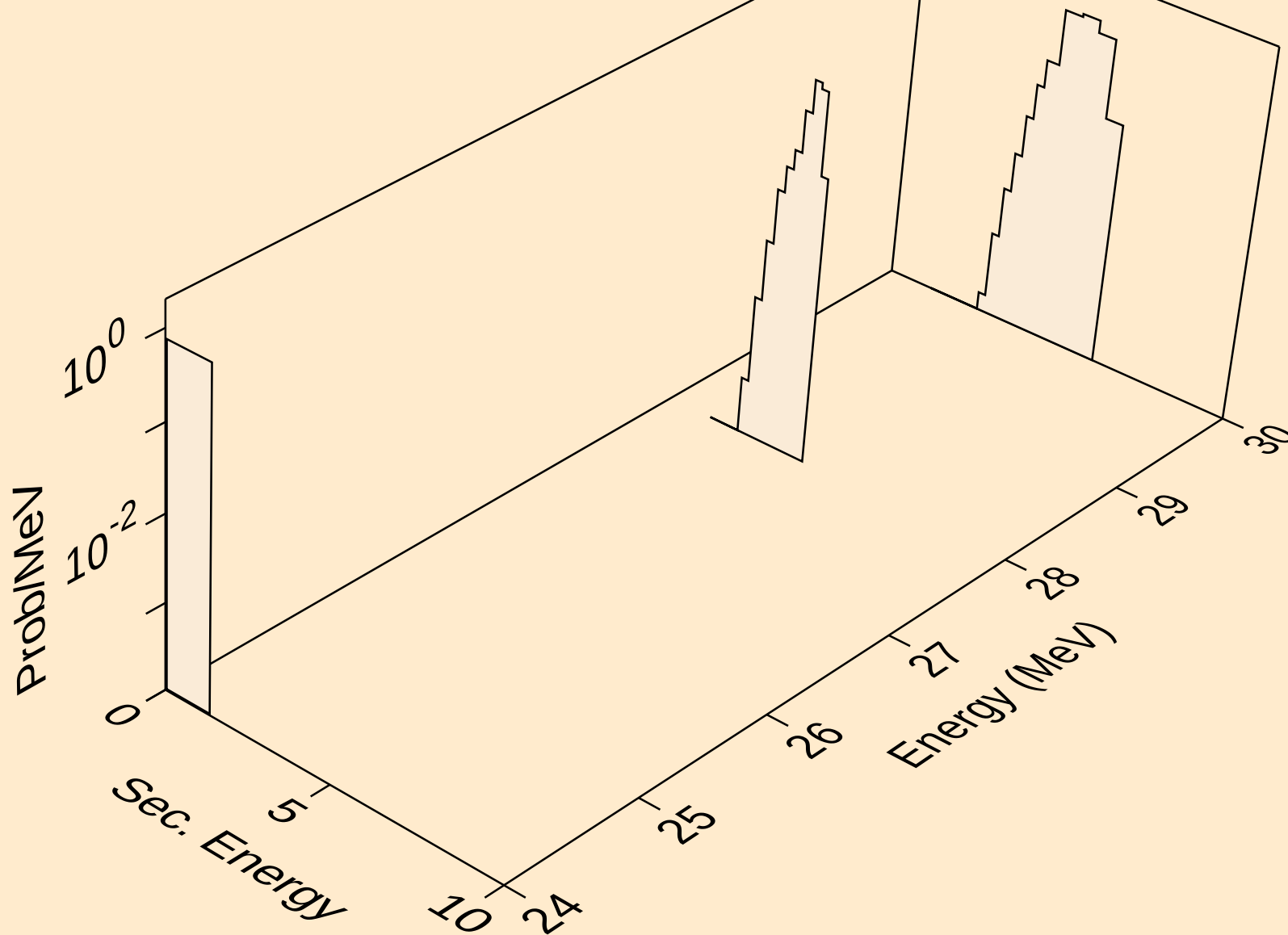
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protons from (a,pd)



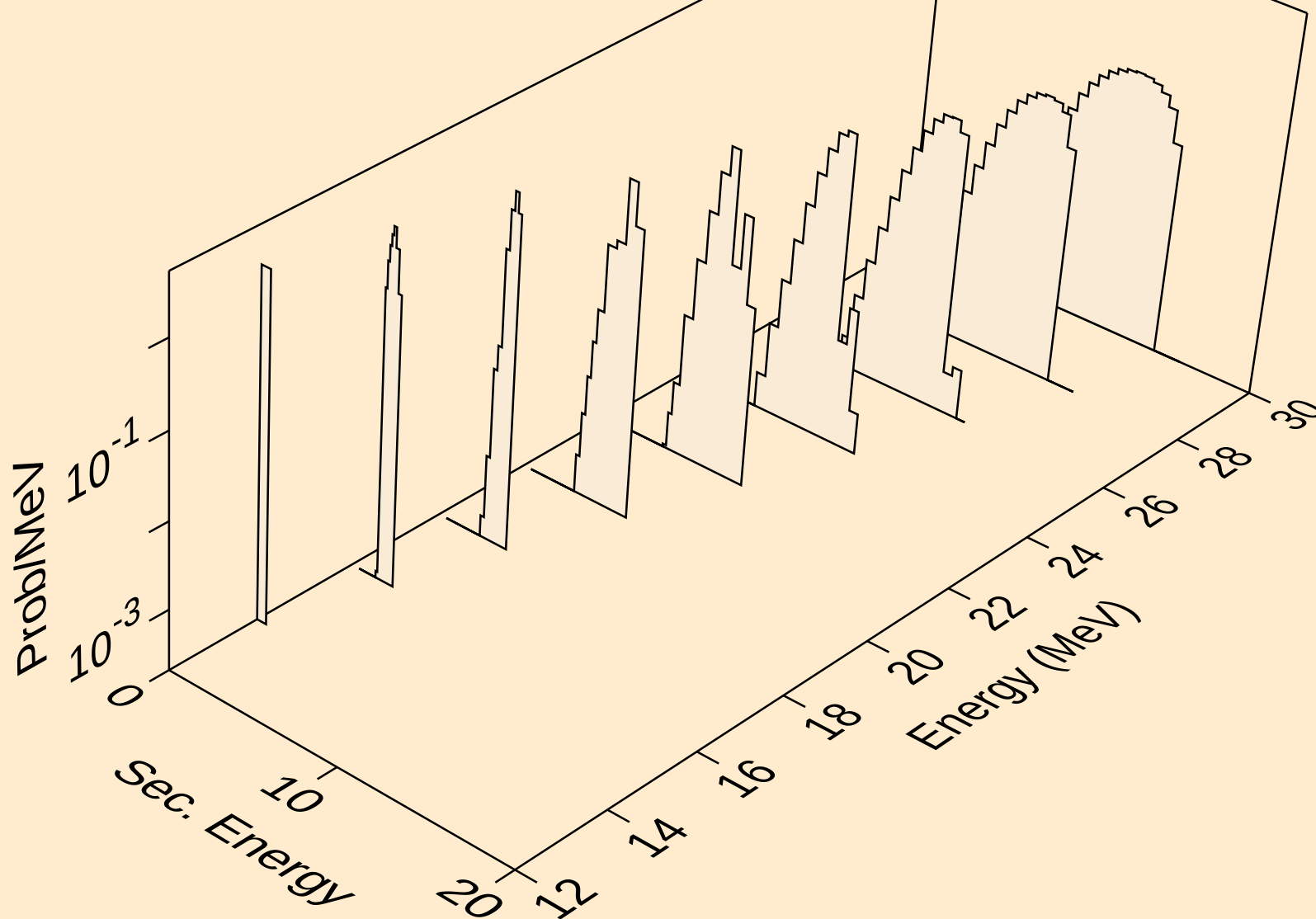
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deuterons from (a,x)



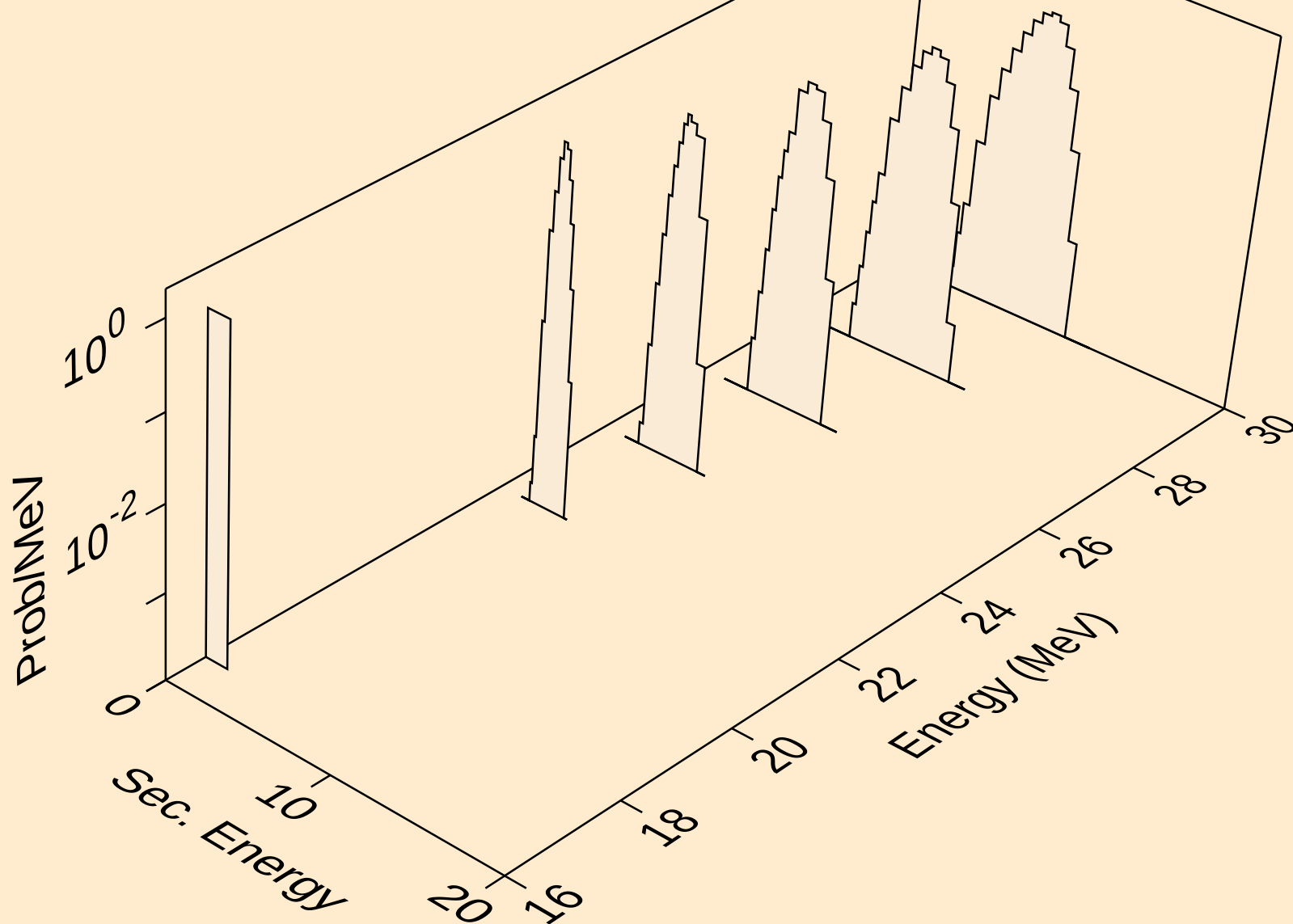
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deuterons from (a,n*)d



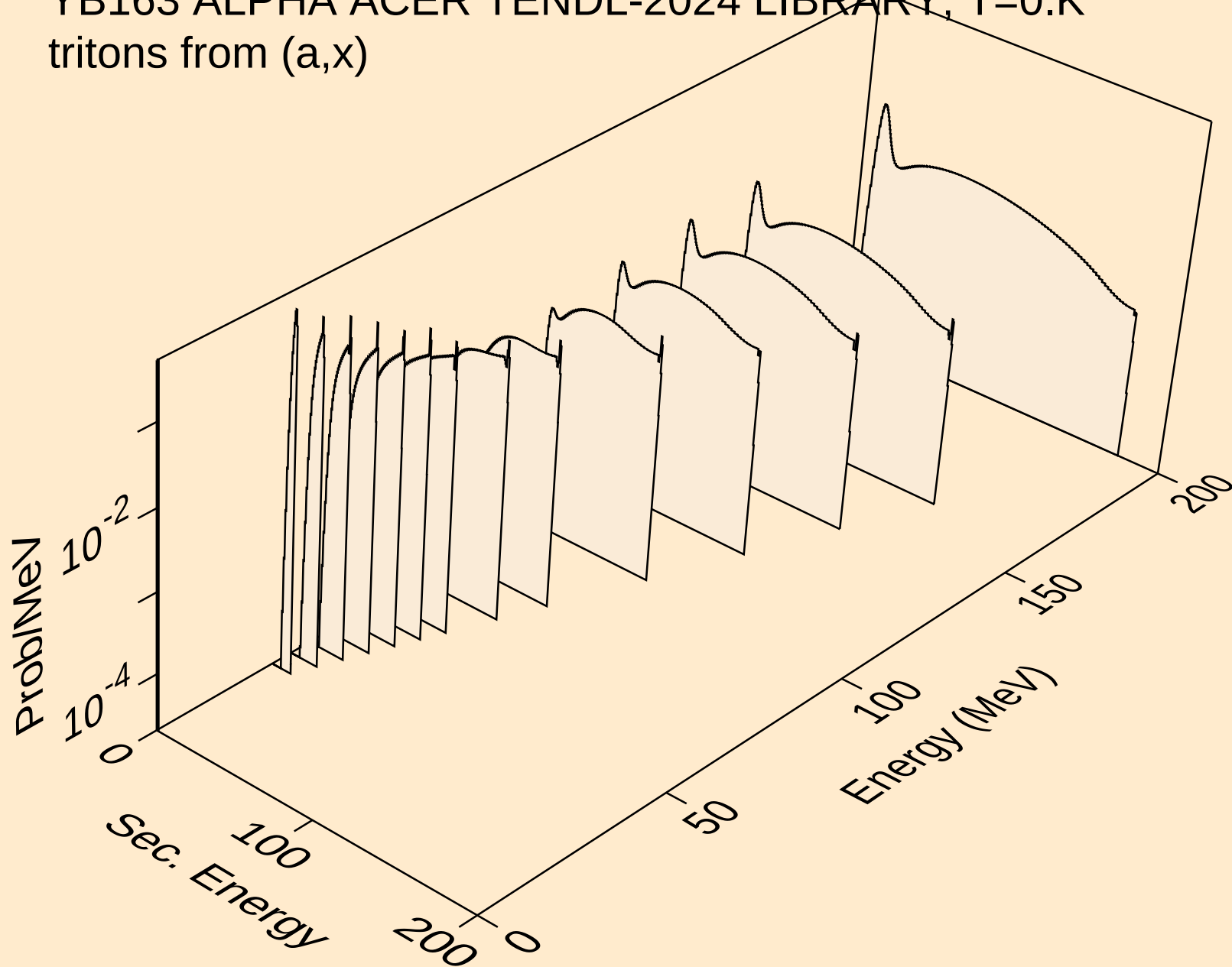
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deuterons from (a,d)



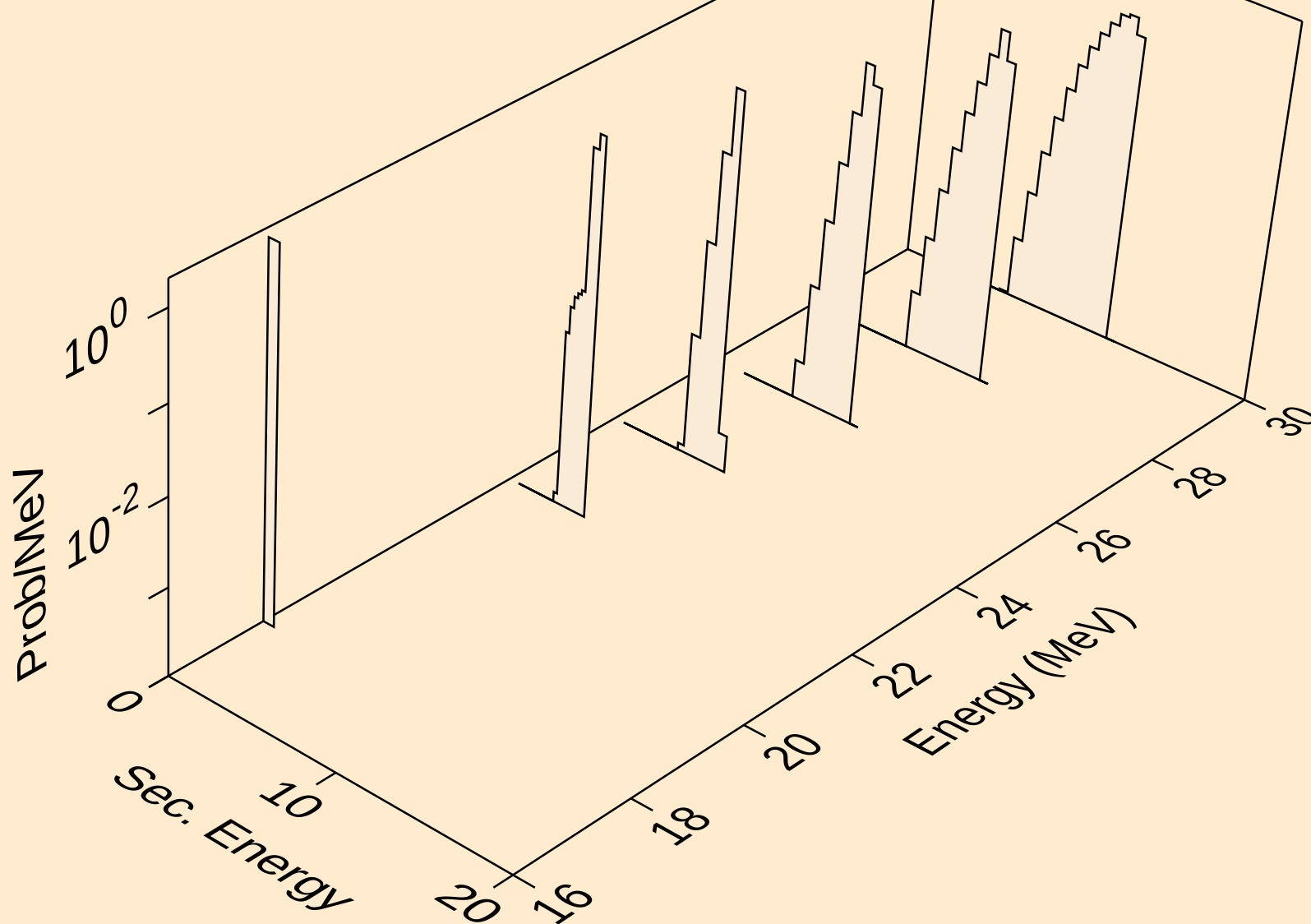
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deuterons from (a,pd)



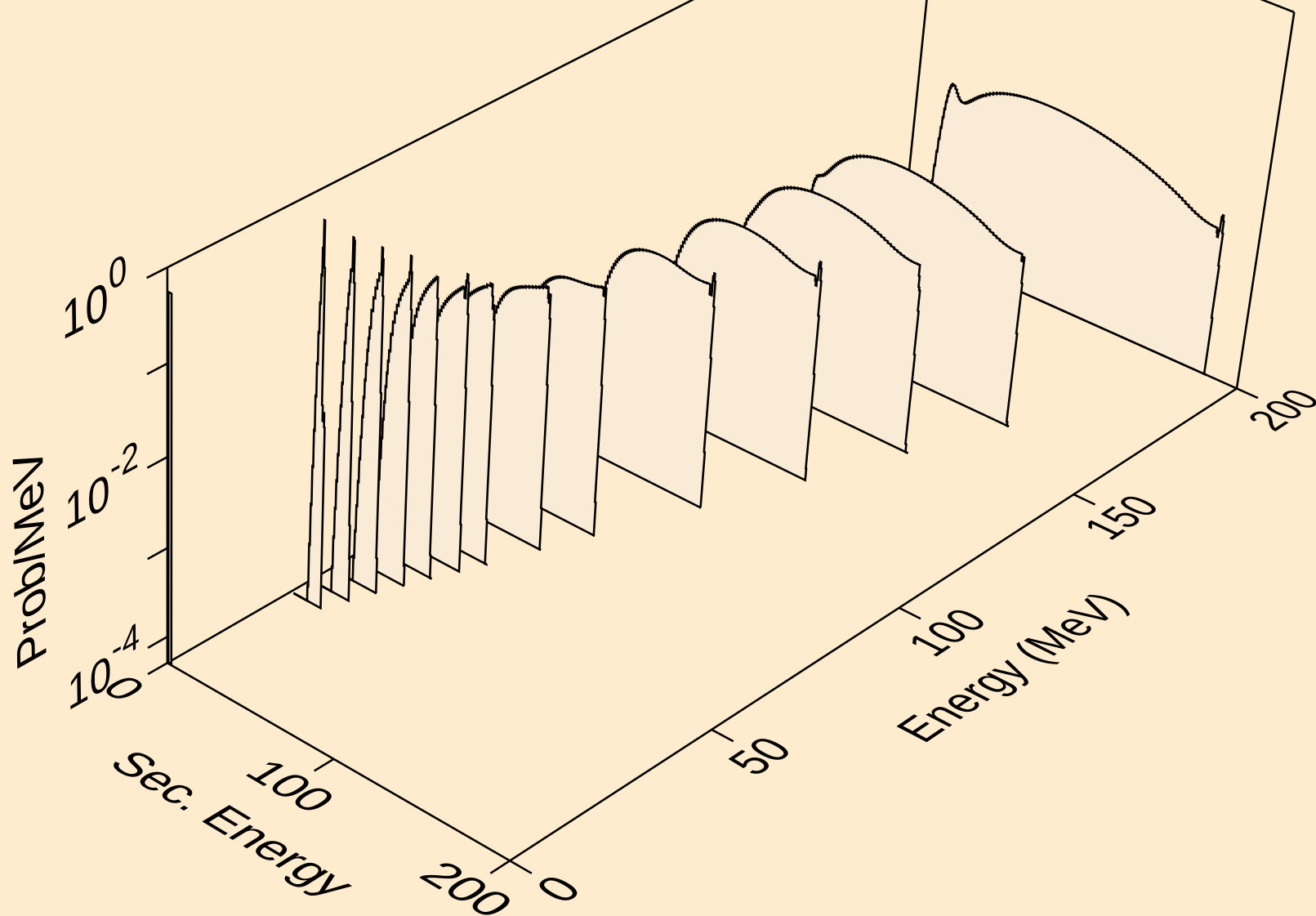
YB163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
tritons from (a,x)



YB163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
tritons from (a,t)



YB163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
he3s from (a,x)



YB163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
he3s from (a,he3)

