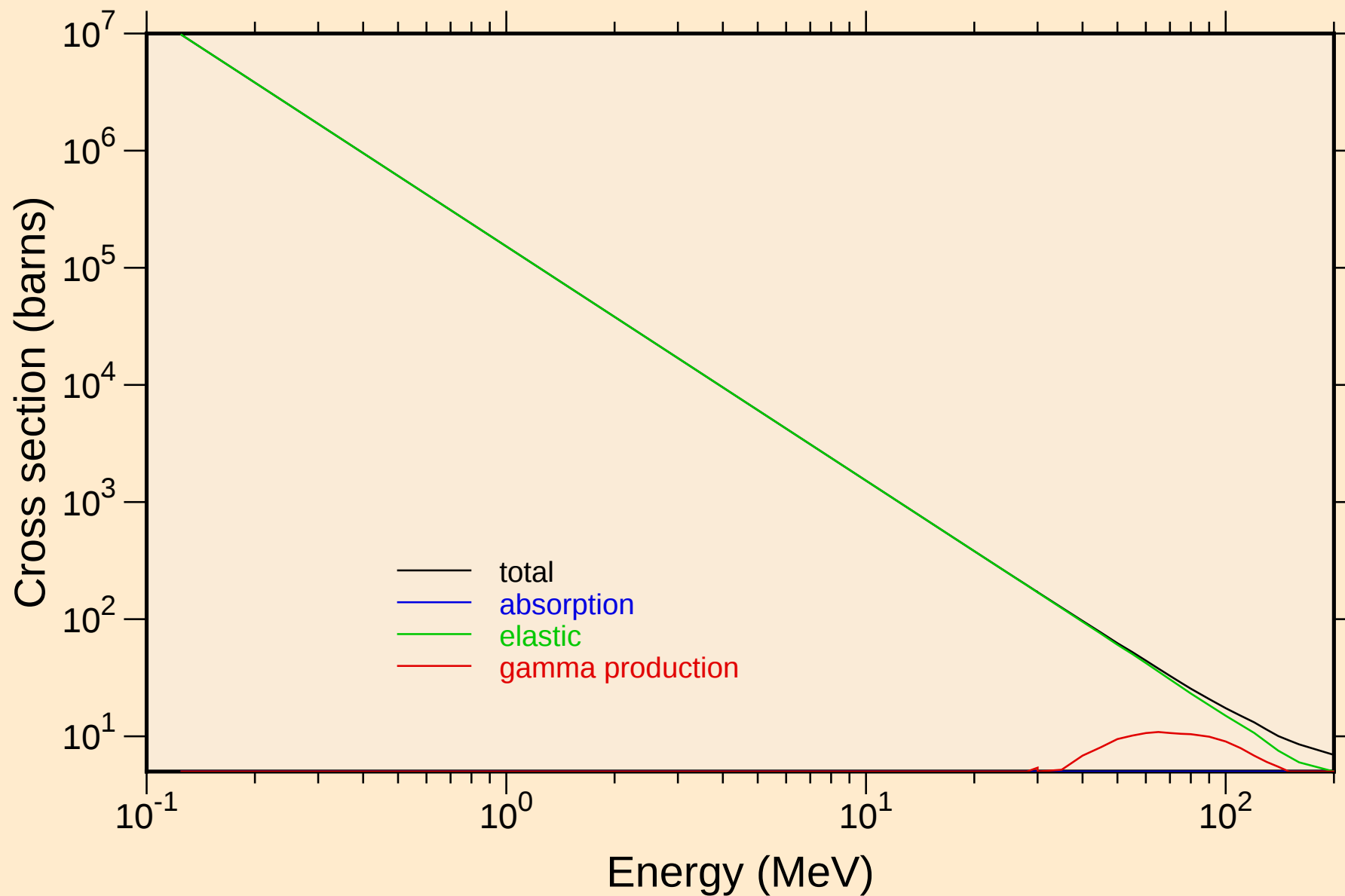


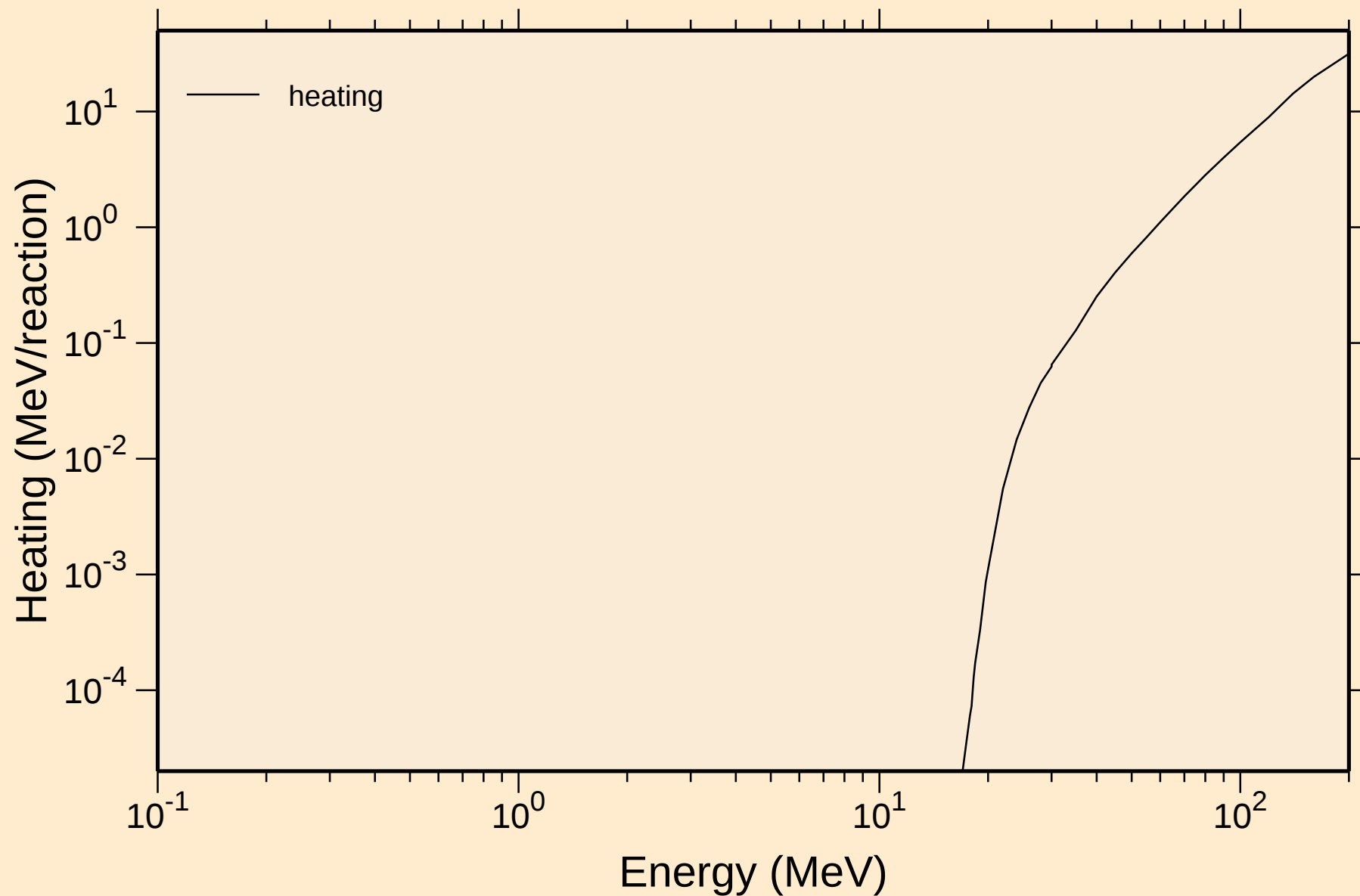
IR171 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



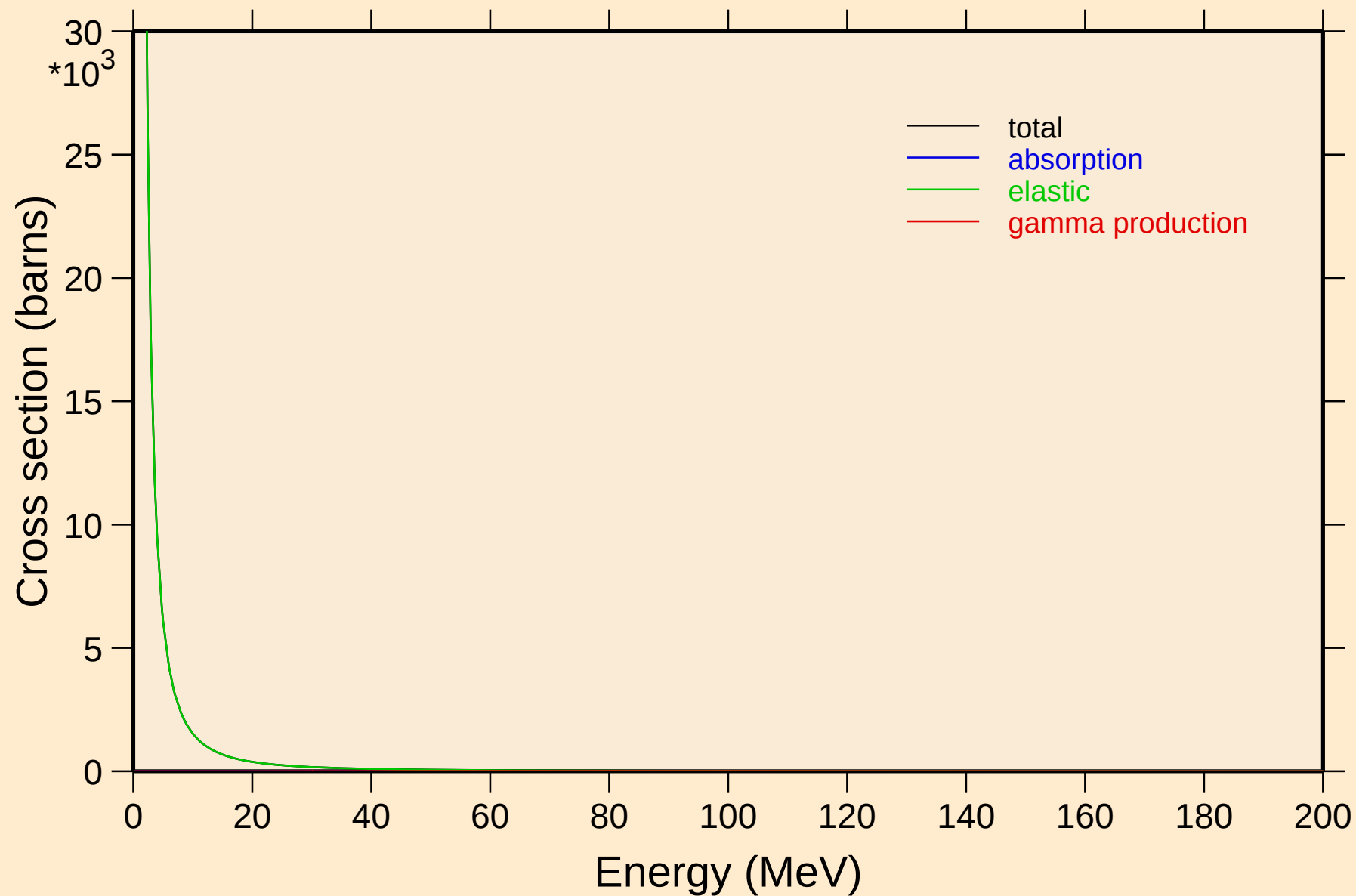
IR171 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating



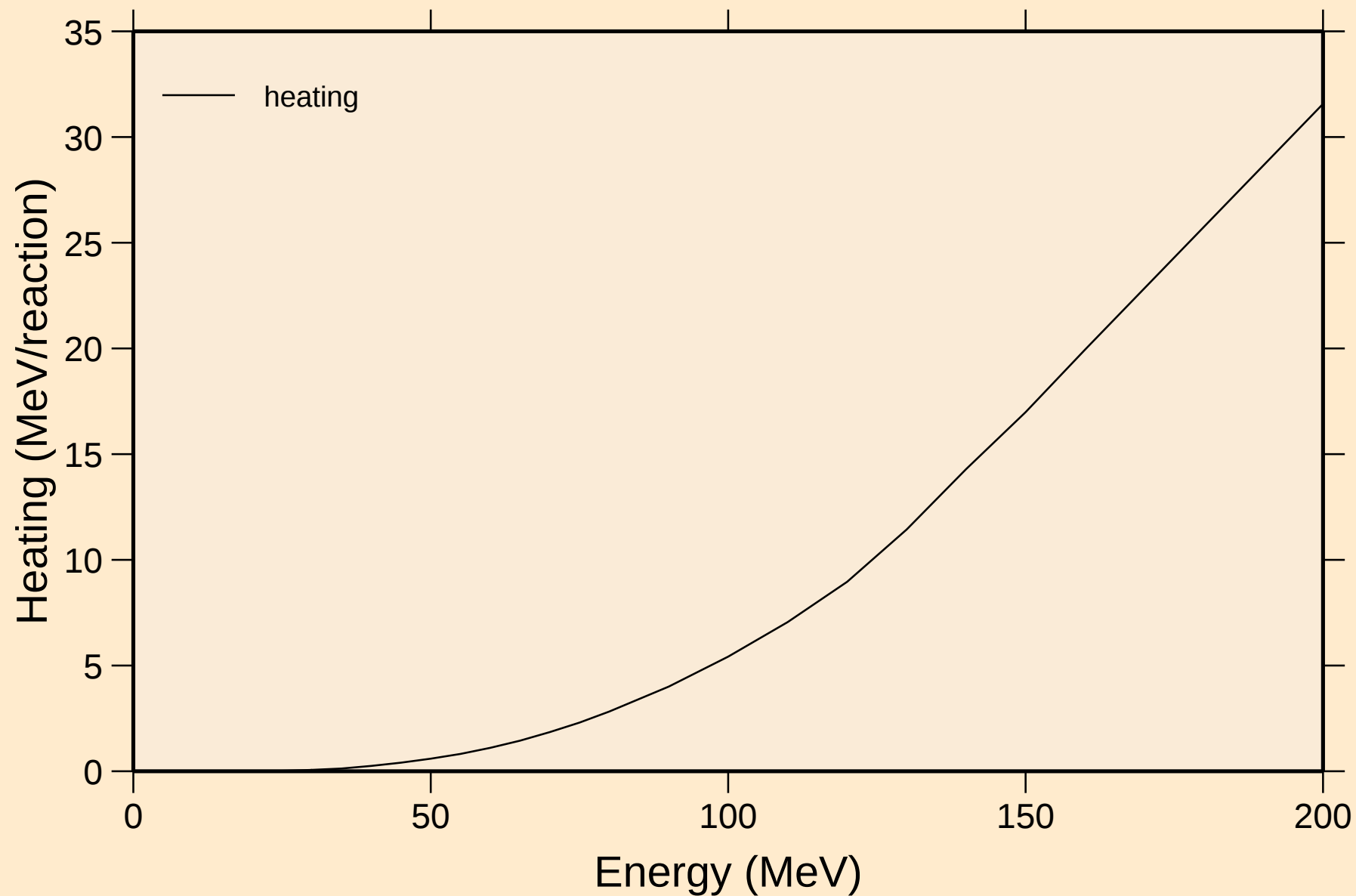
IR171 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



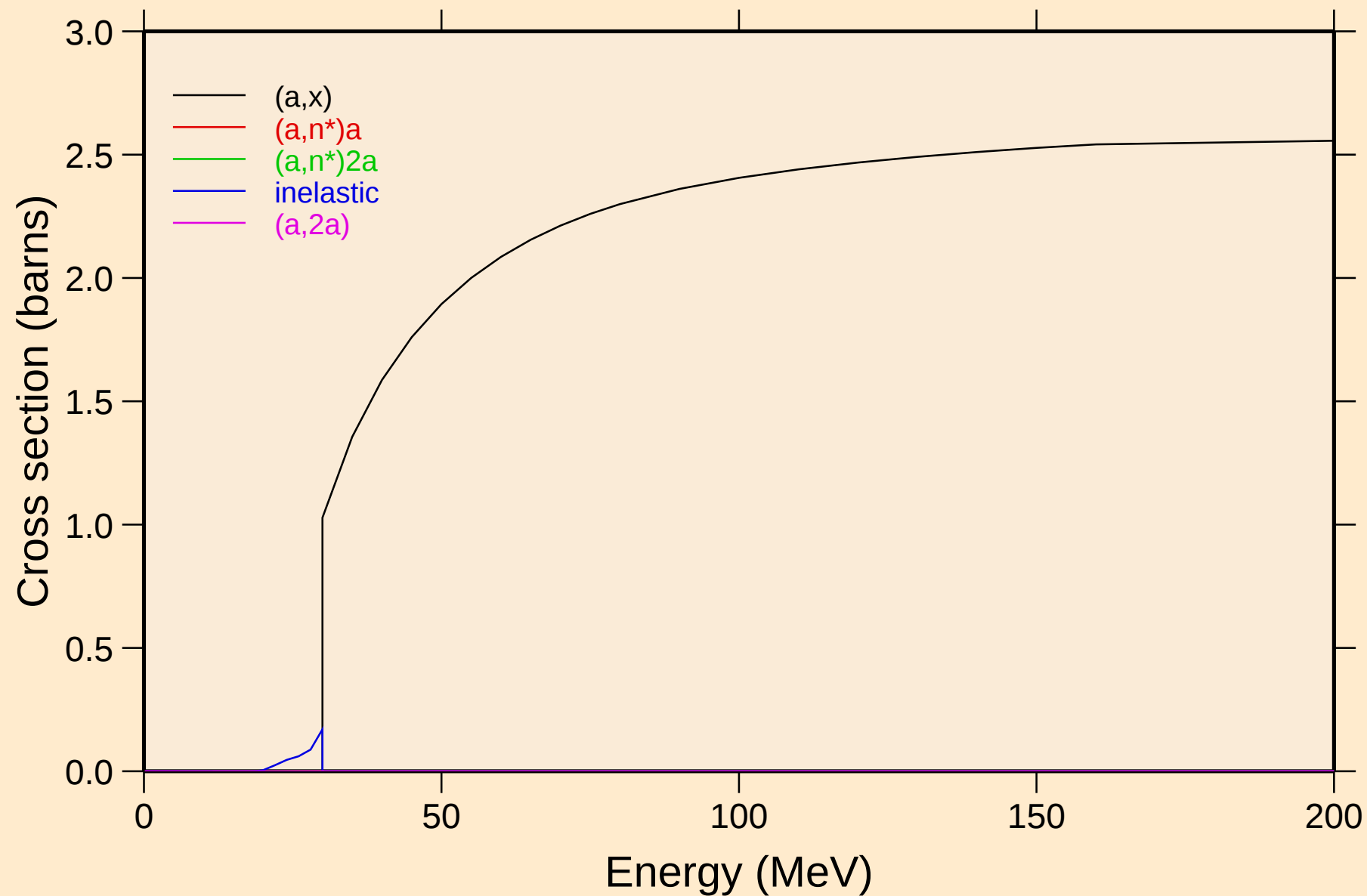
IR171 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating



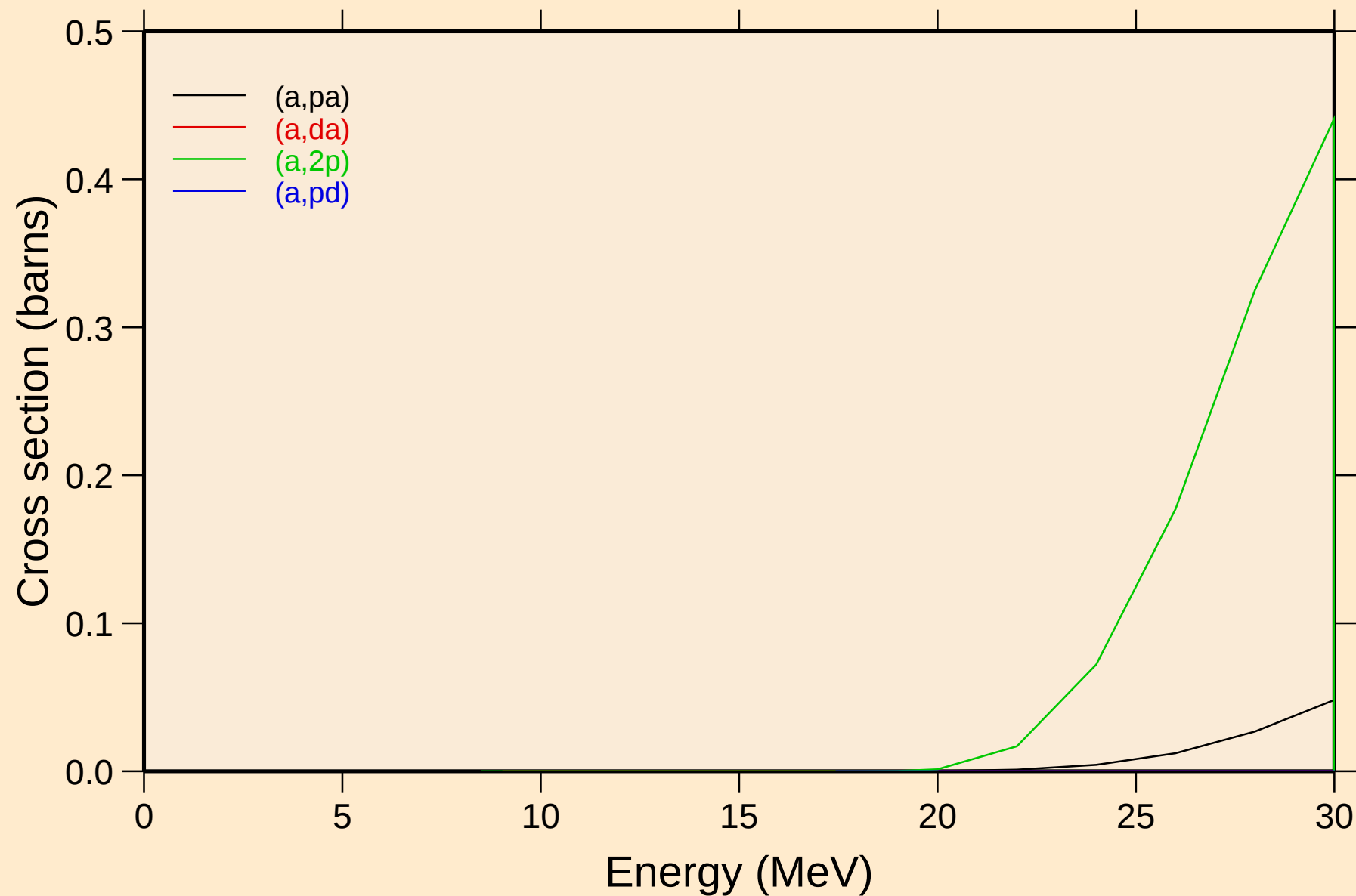
IR171 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



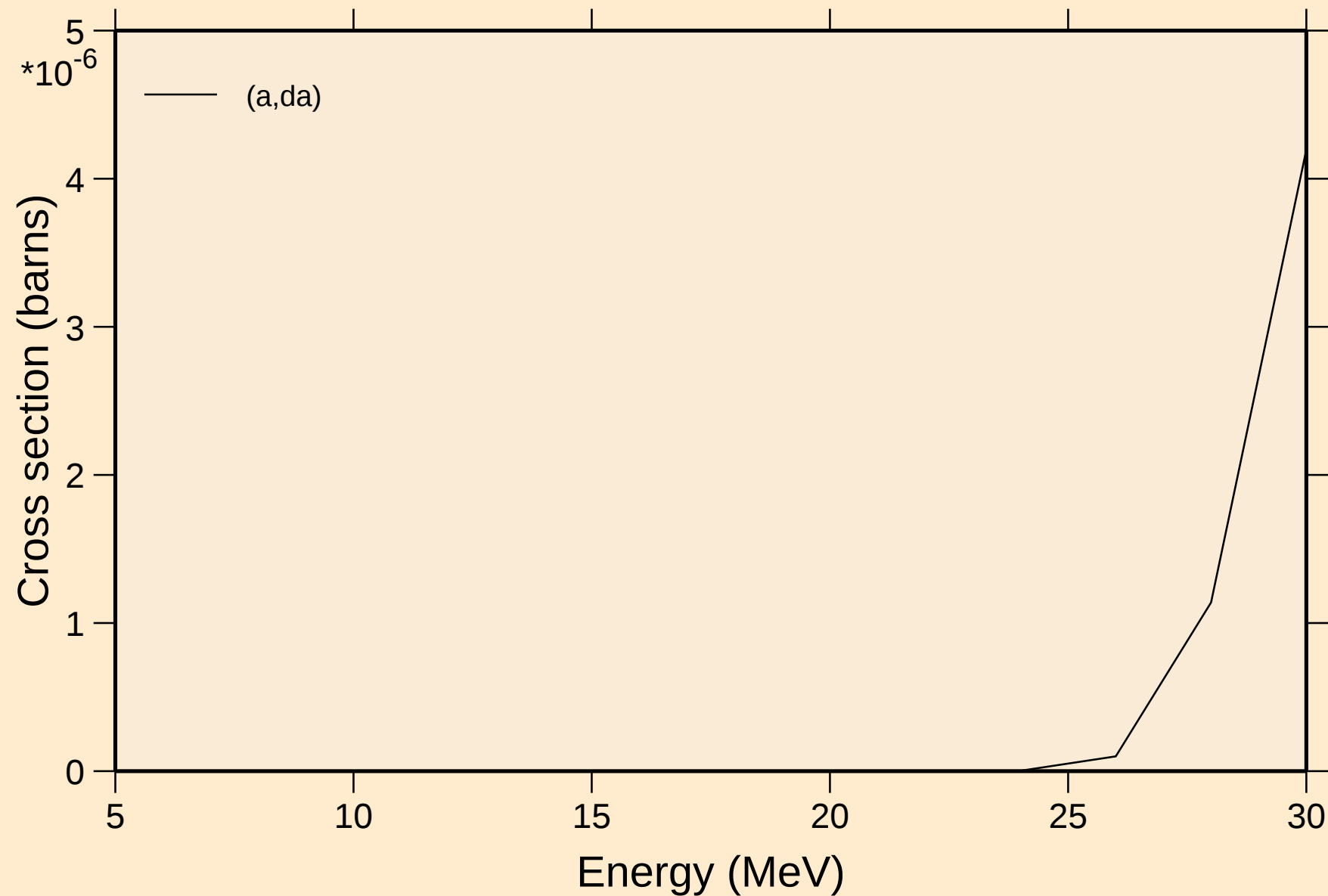
IR171 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

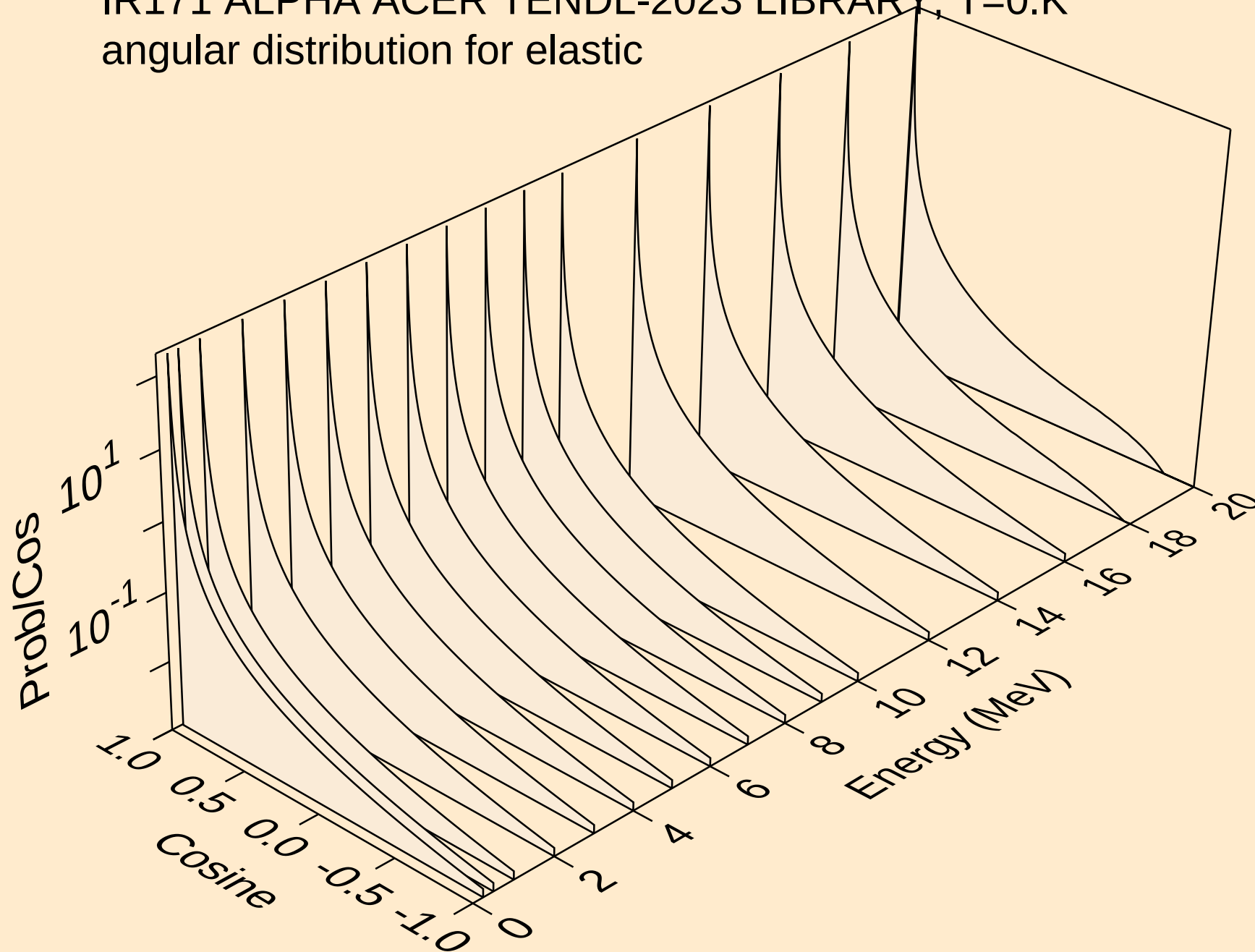


IR171 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

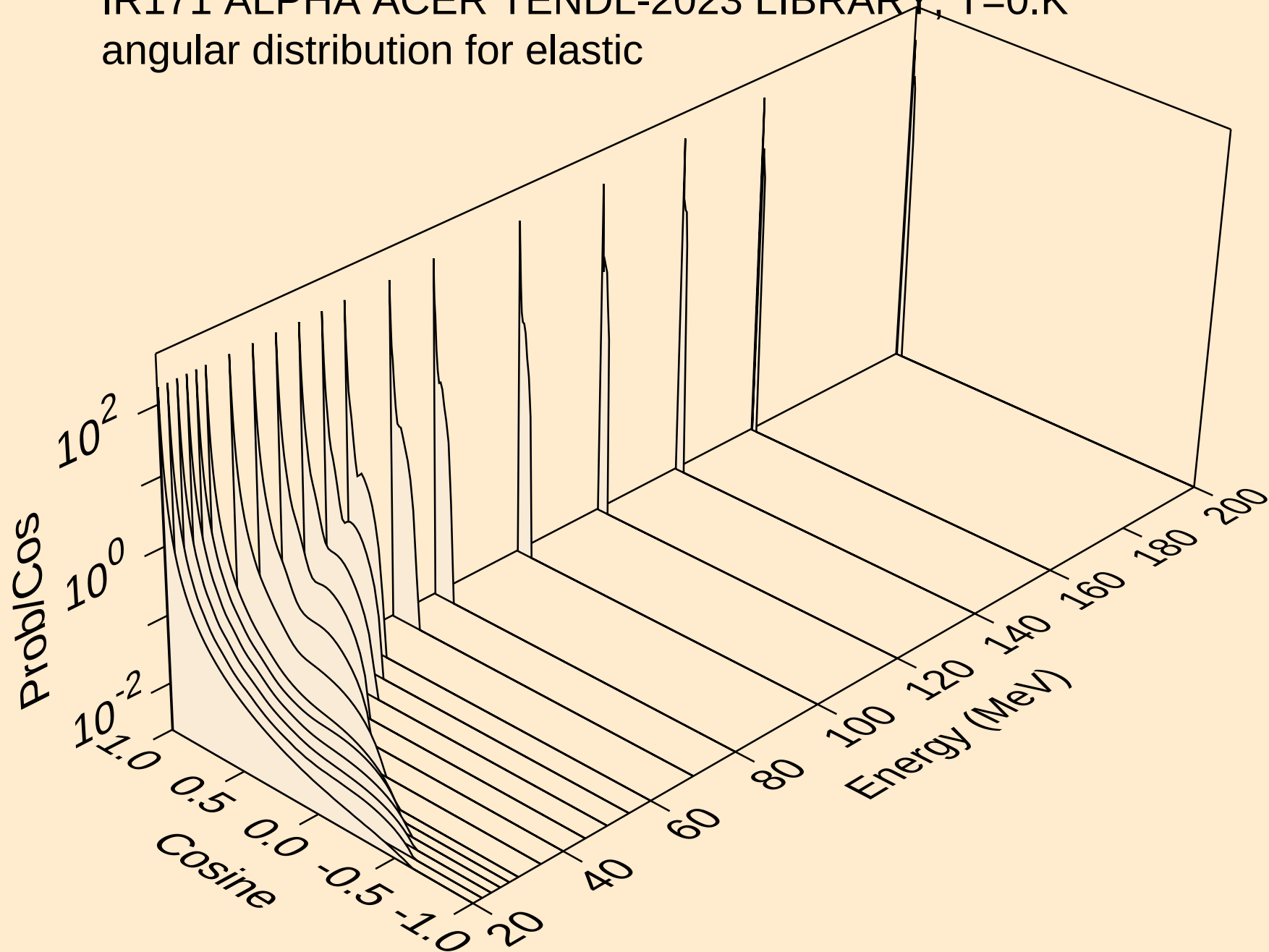
Threshold reactions



IR171 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic

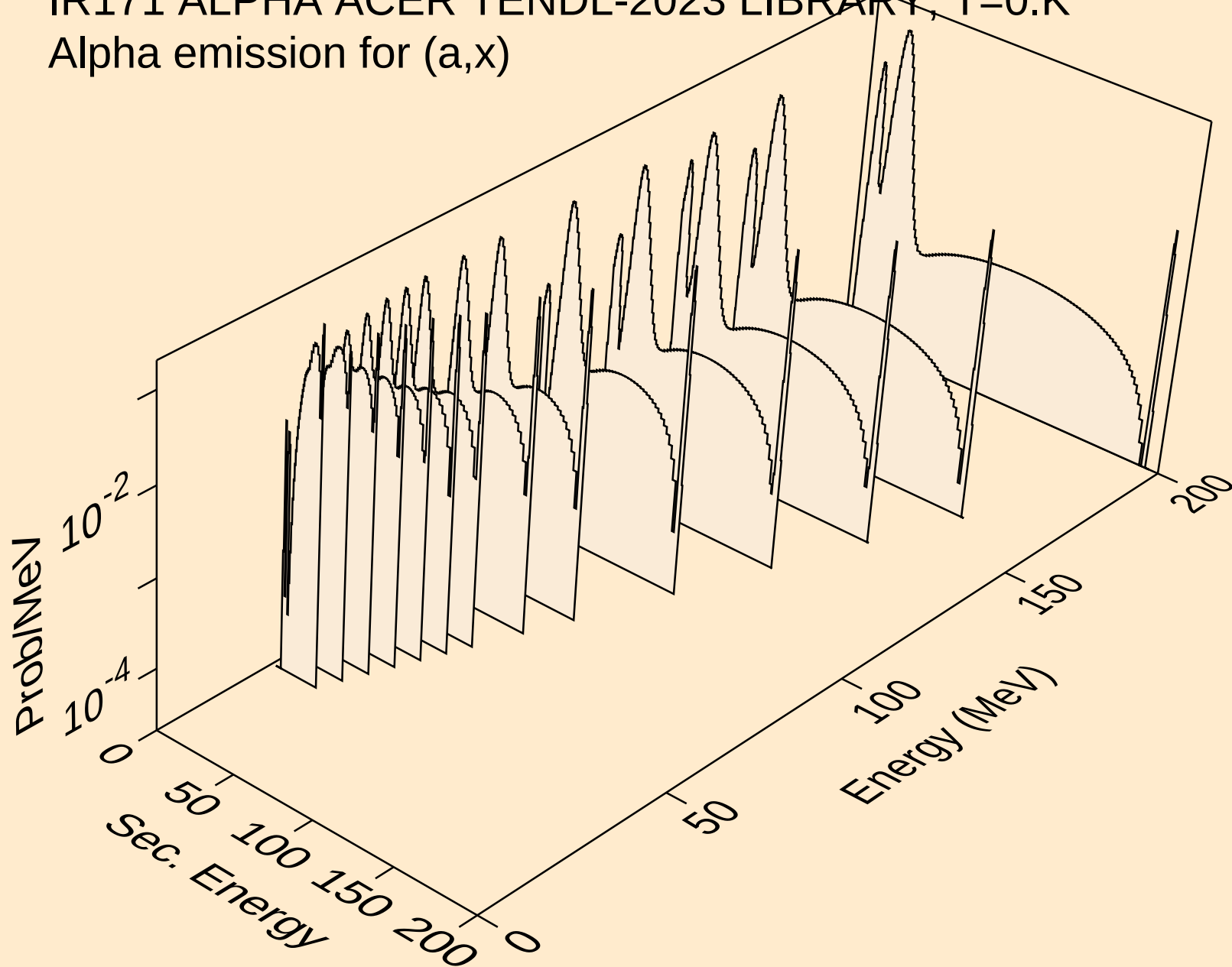


IR171 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



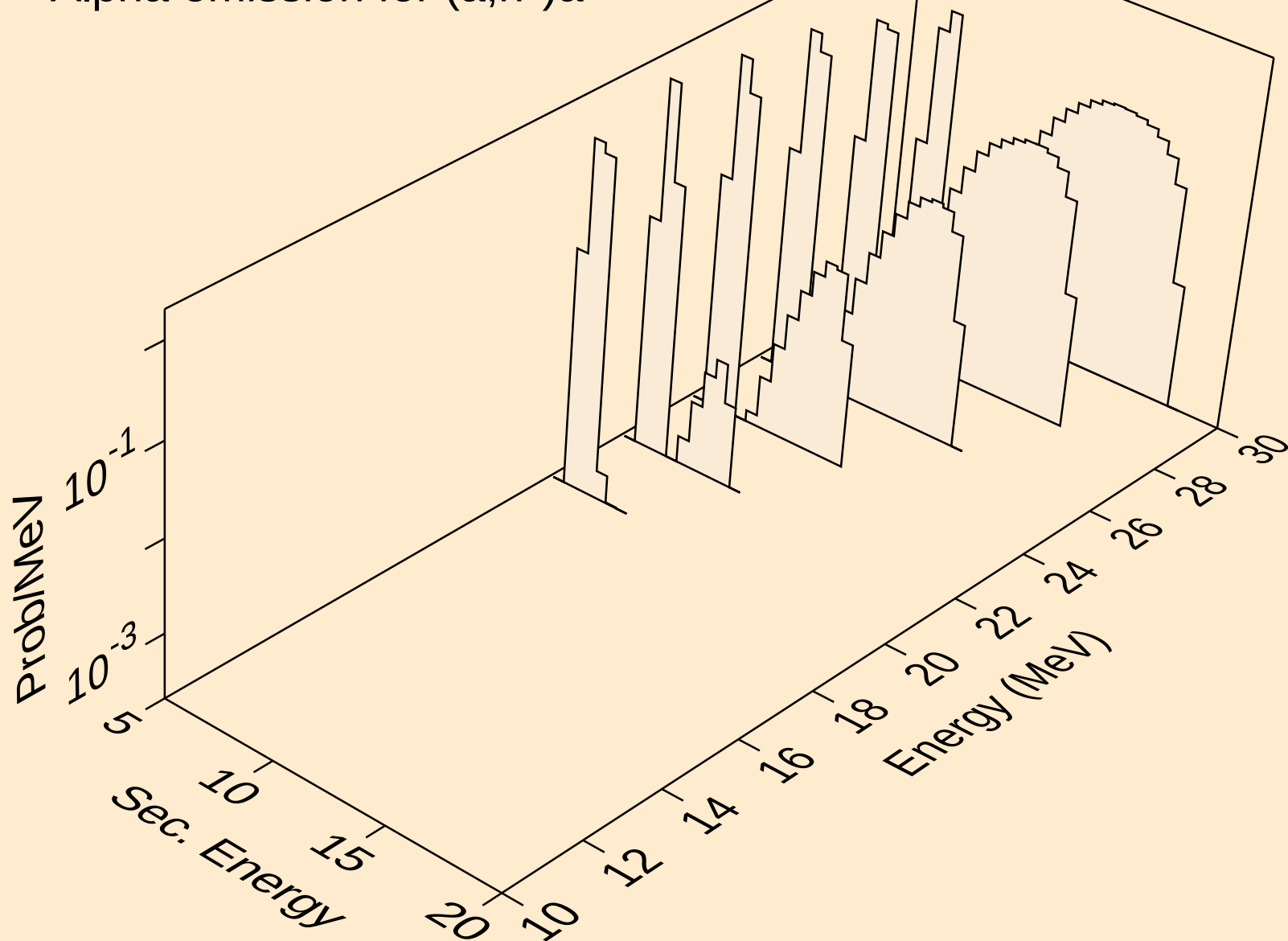
IR171 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,x)



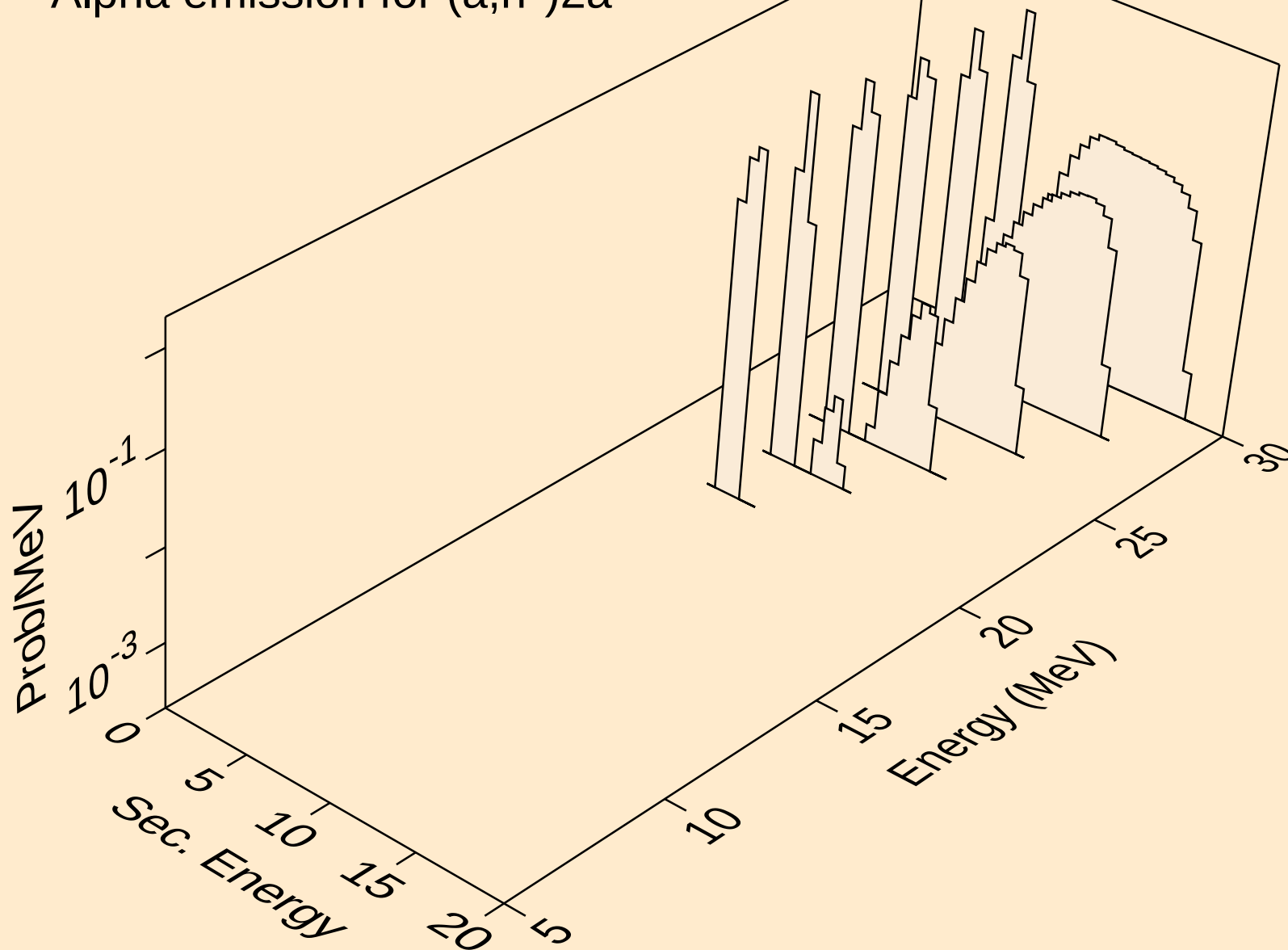
IR171 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,n*)a



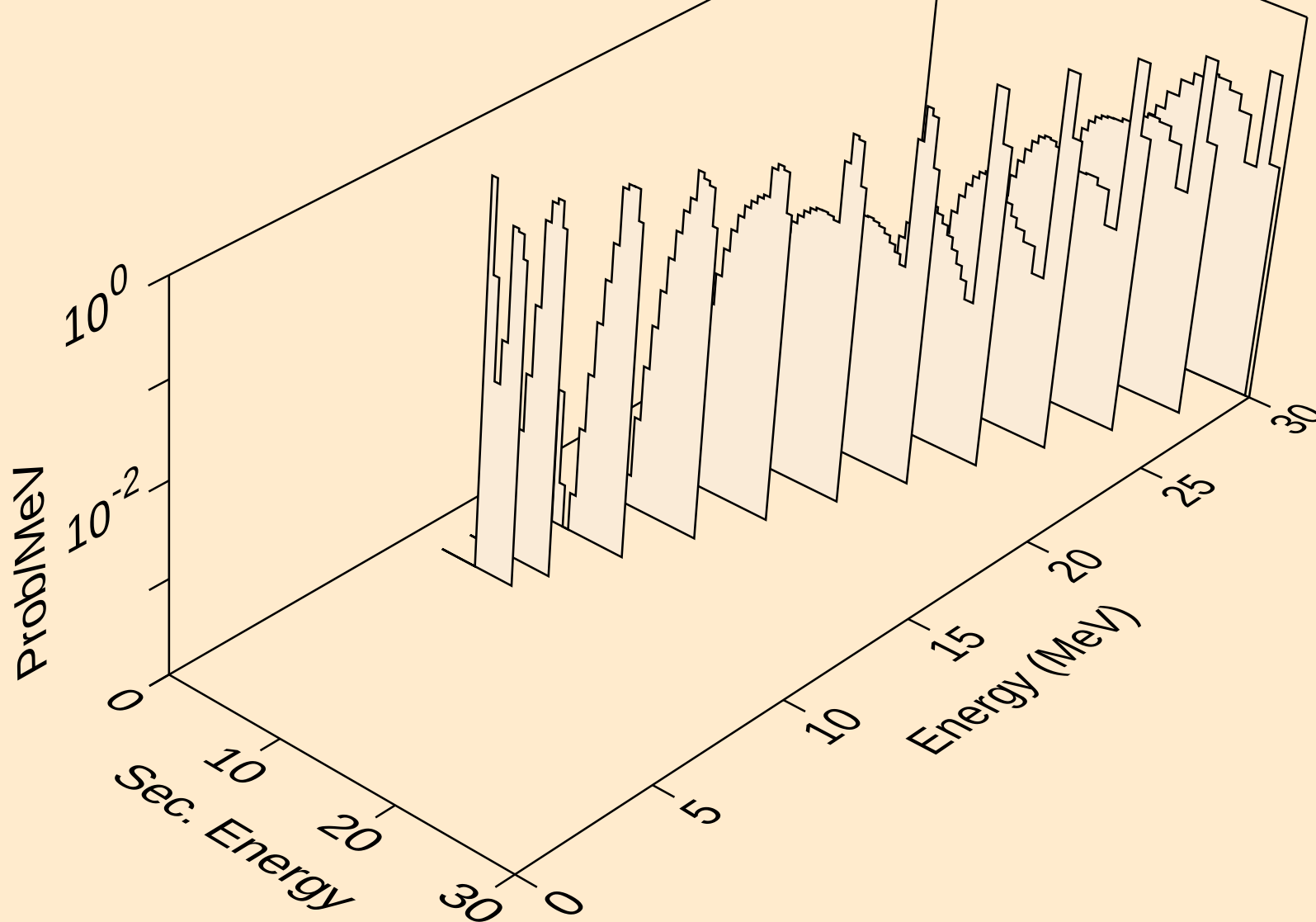
IR171 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,n*)2a

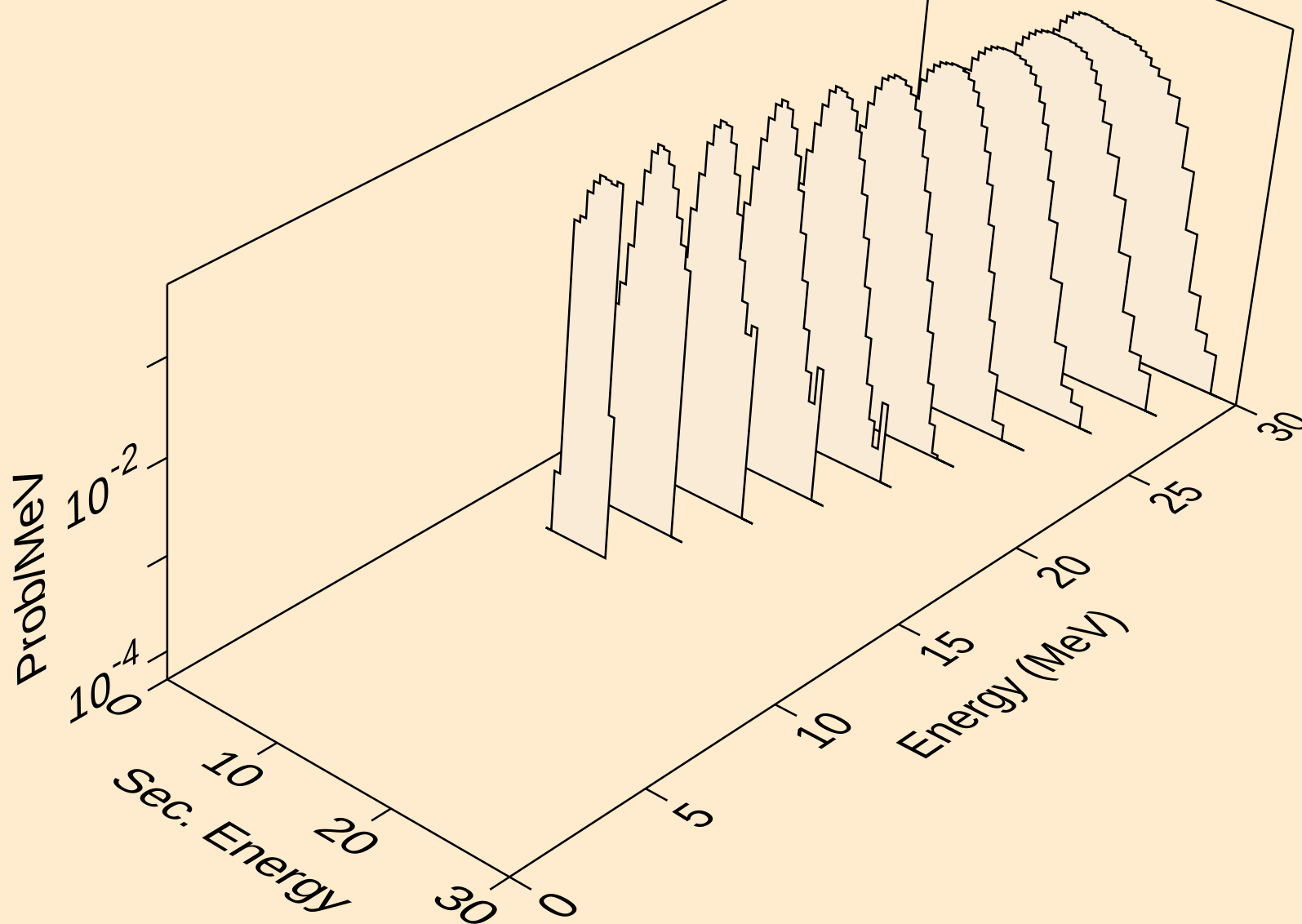


IR171 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for inelastic

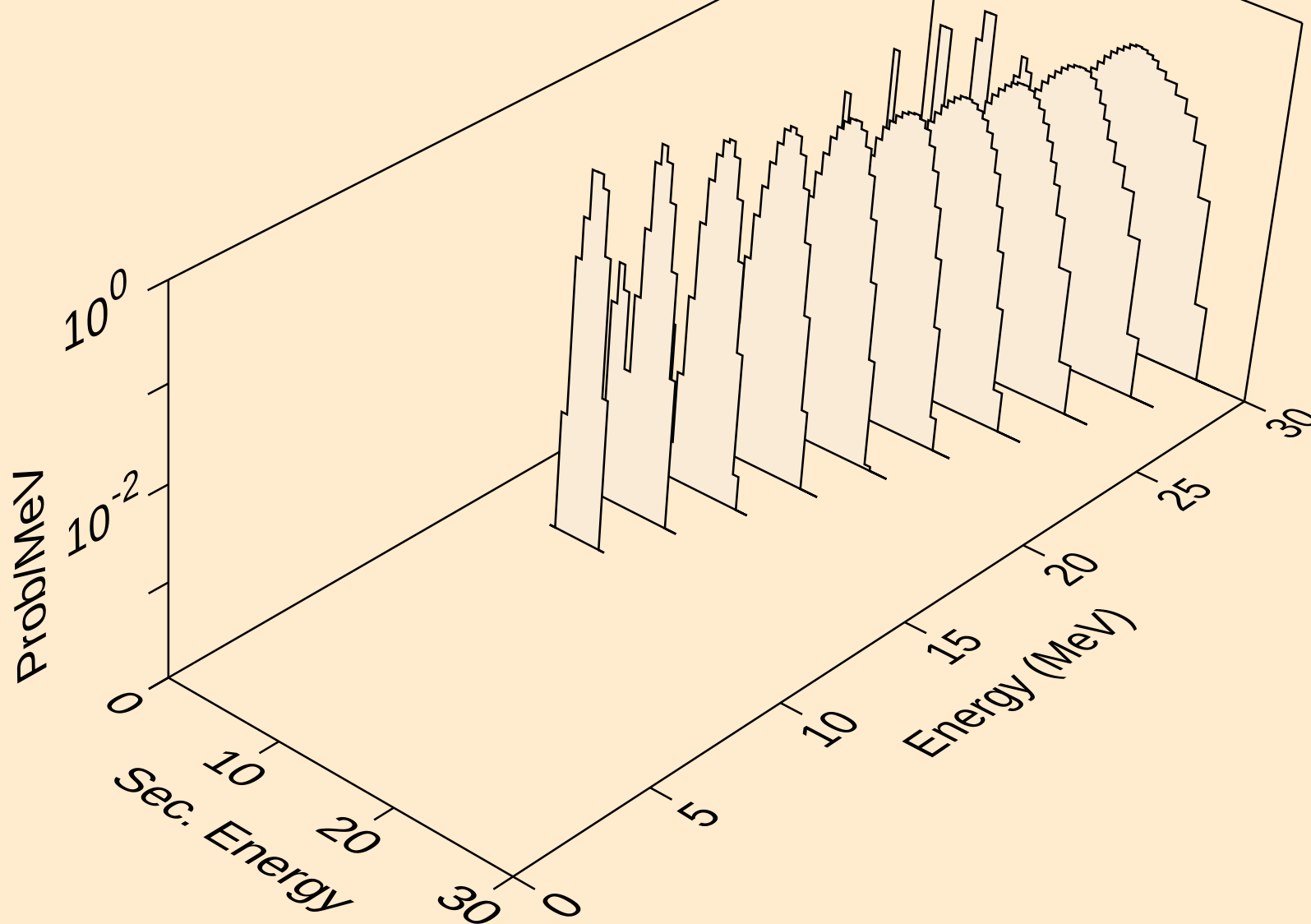


IR171 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Alpha emission for (a,2a)



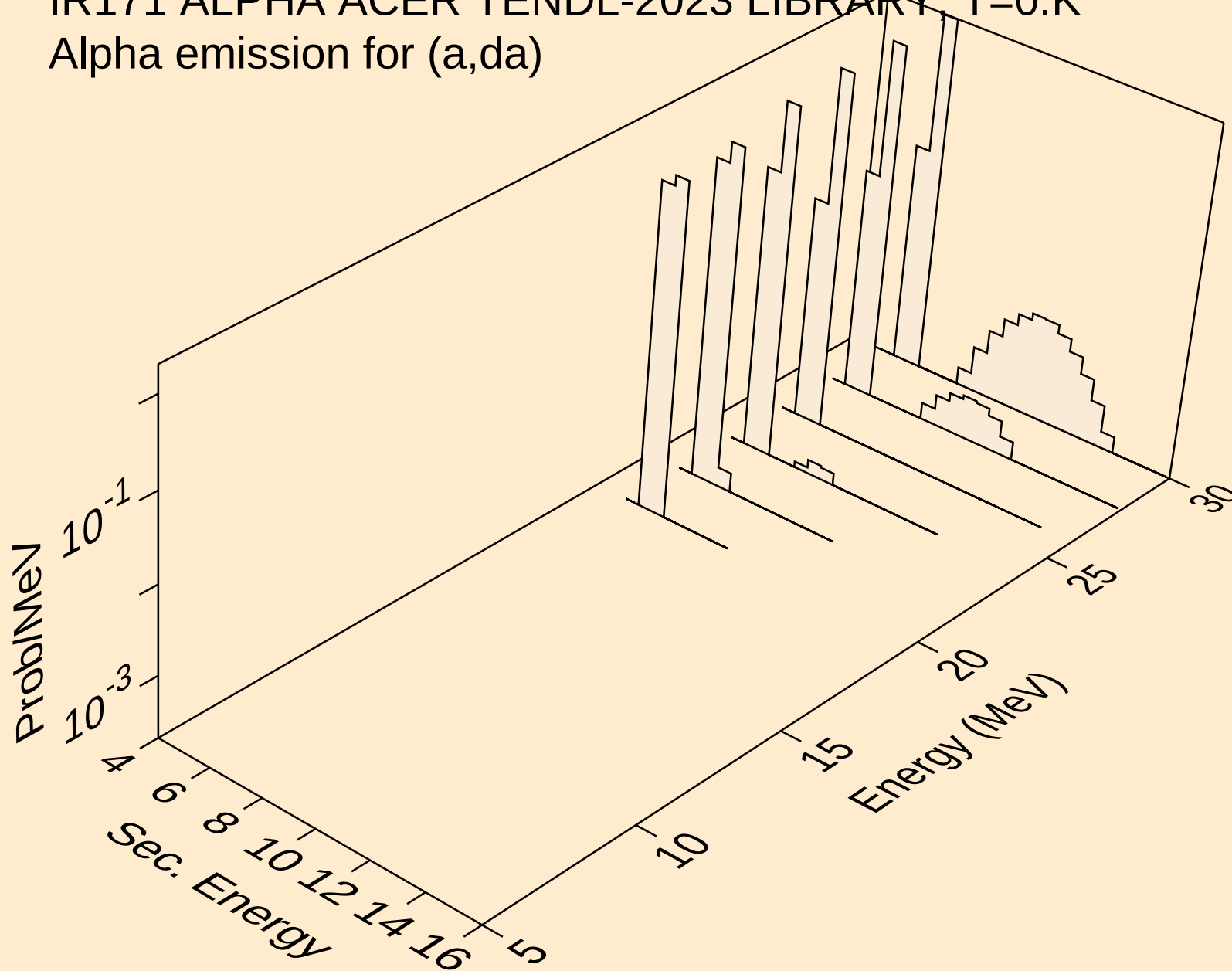
IR171 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,pa)

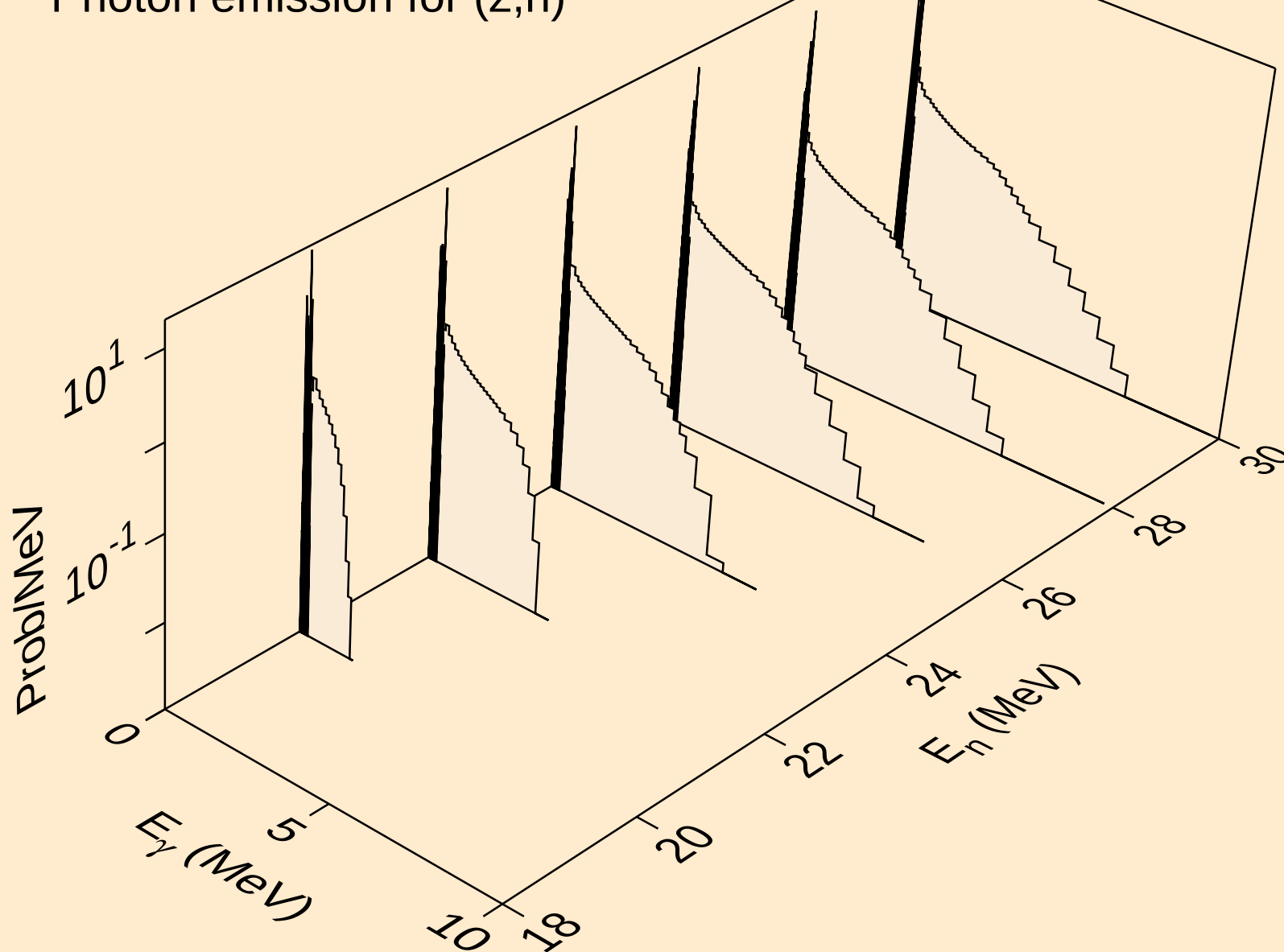


IR171 ALPHA ACER TENDL-2023 LIBRARY: T=0.K

Alpha emission for (a,da)

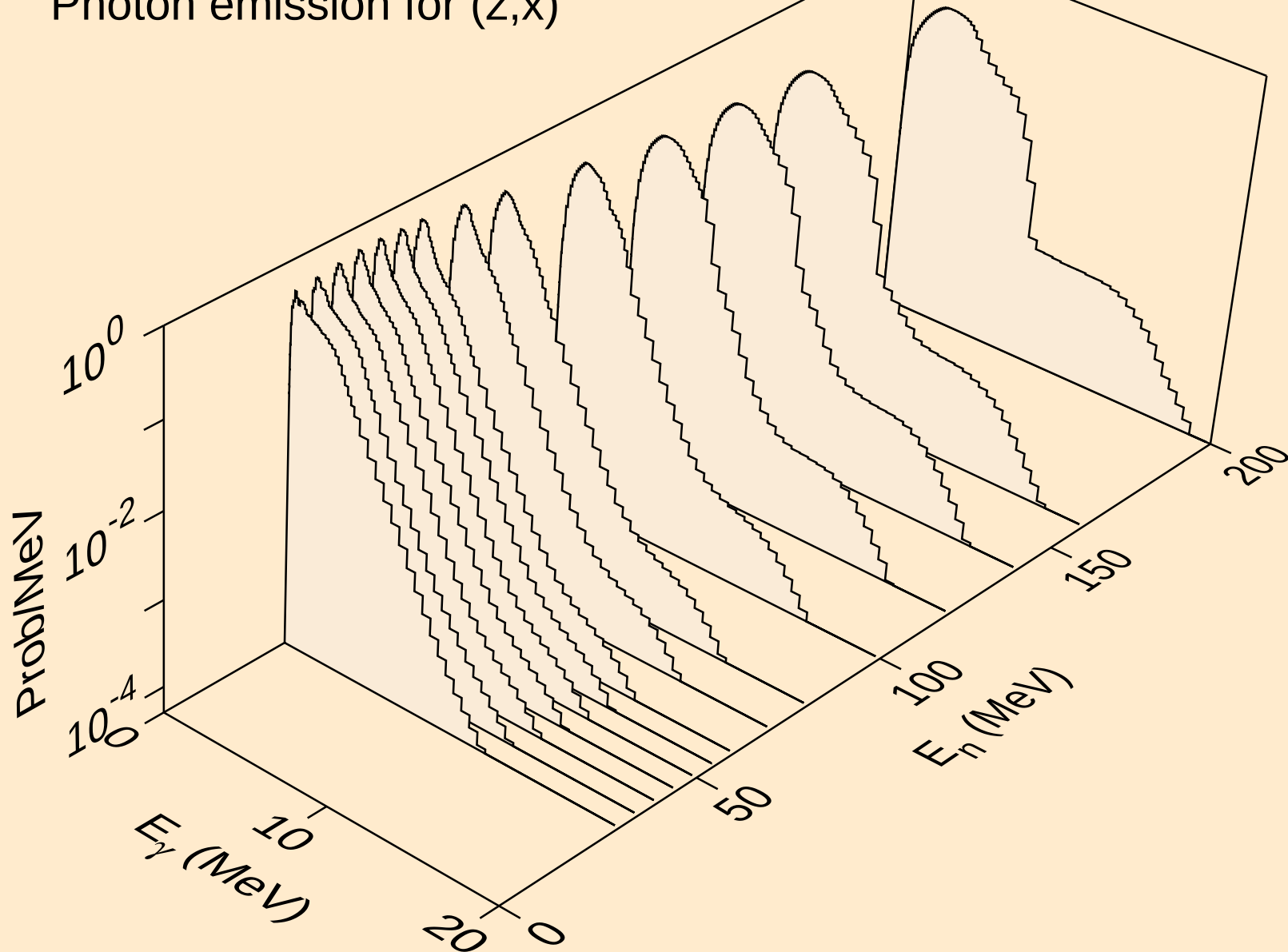


IR171 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (z,n)

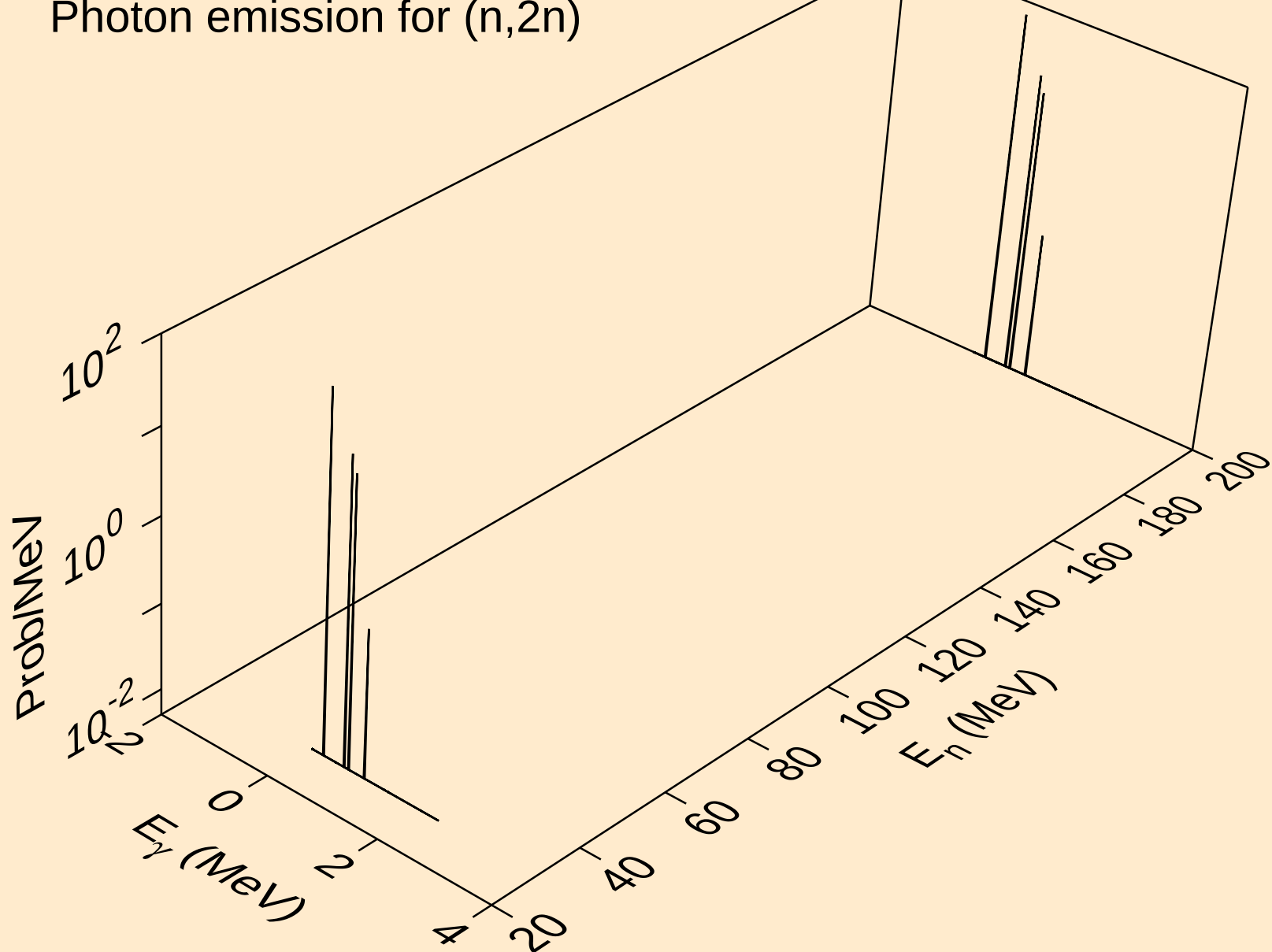


IR171 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (z,x)

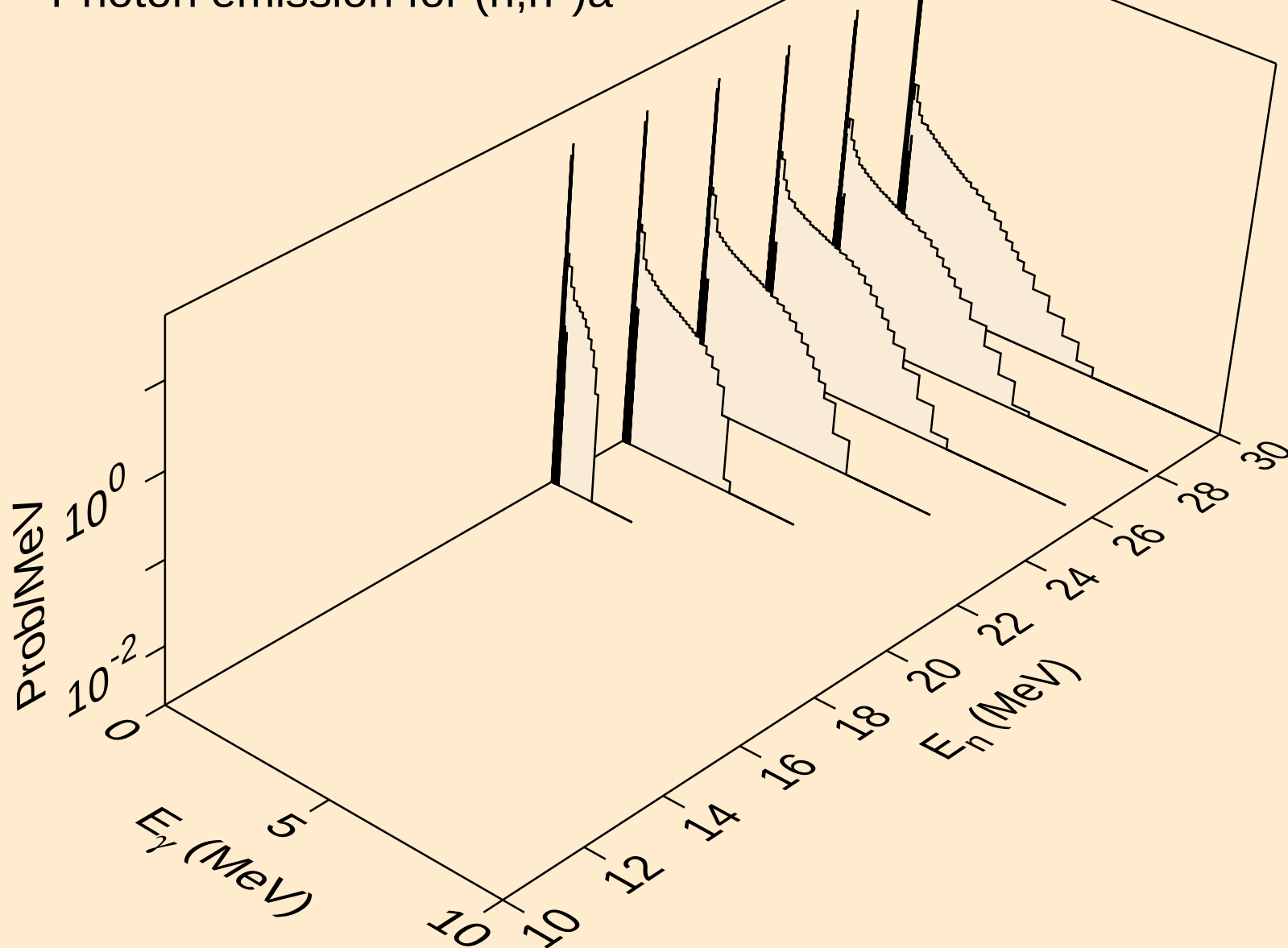


IR171 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)



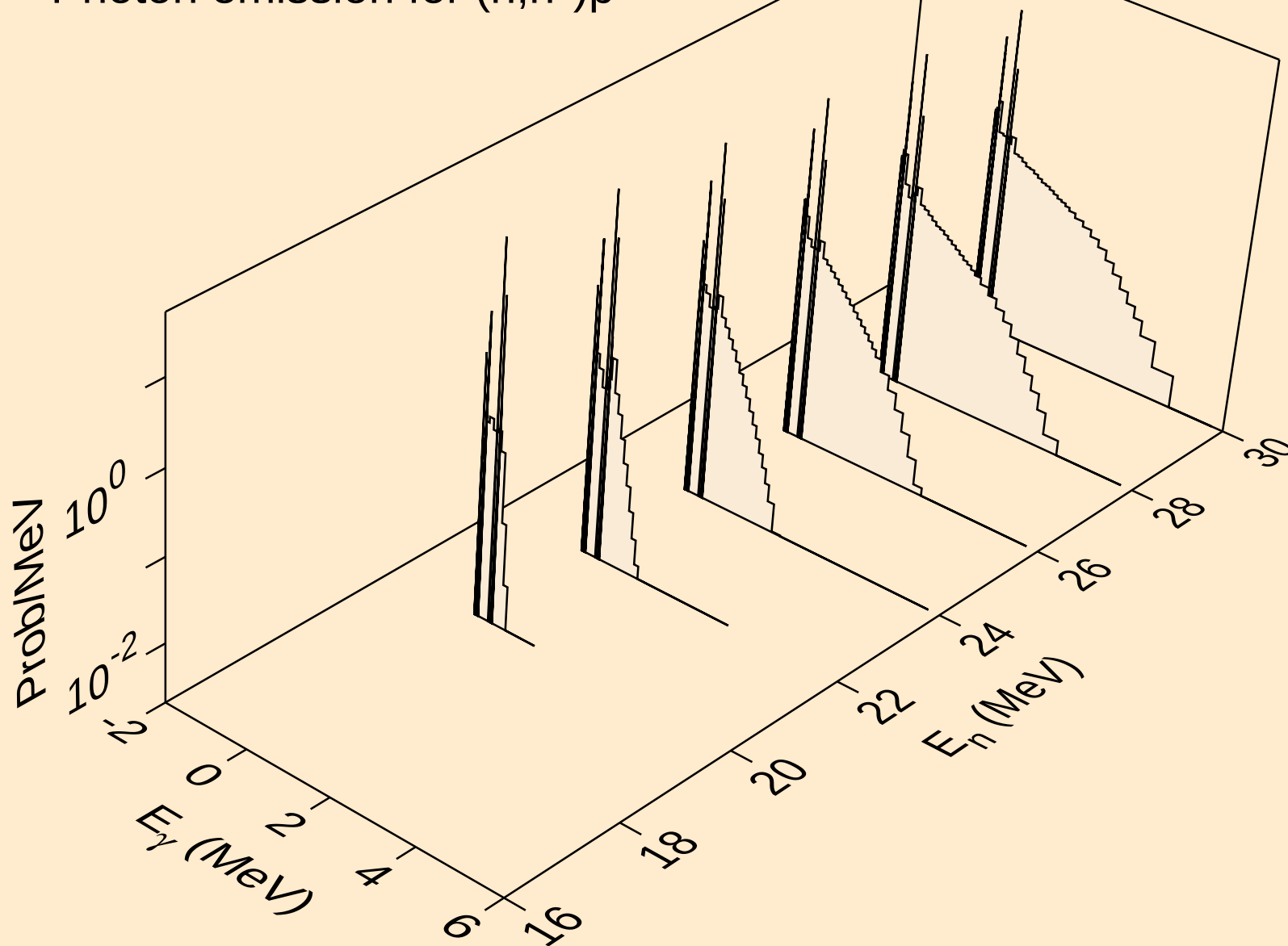
IR171 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)a



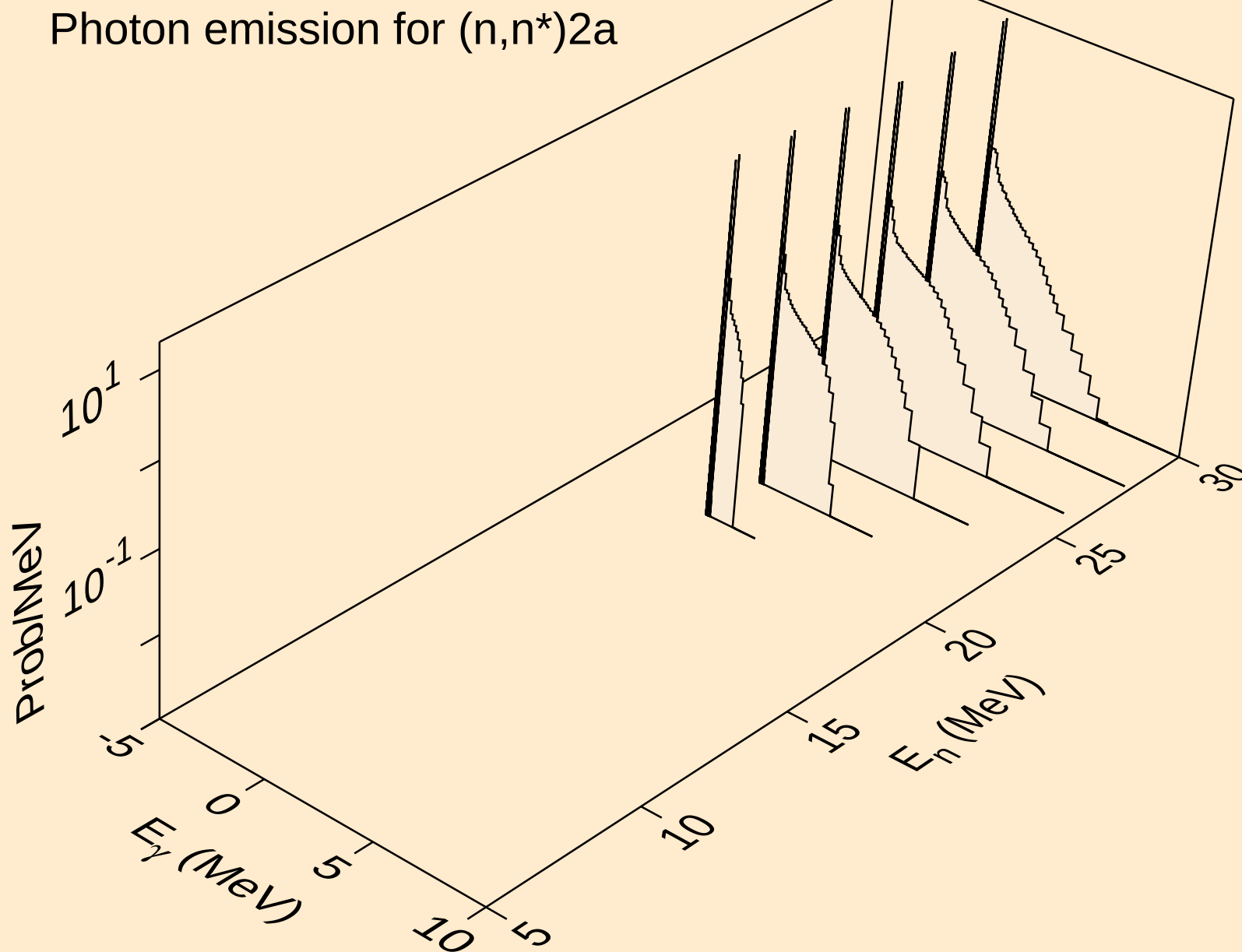
IR171 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)p

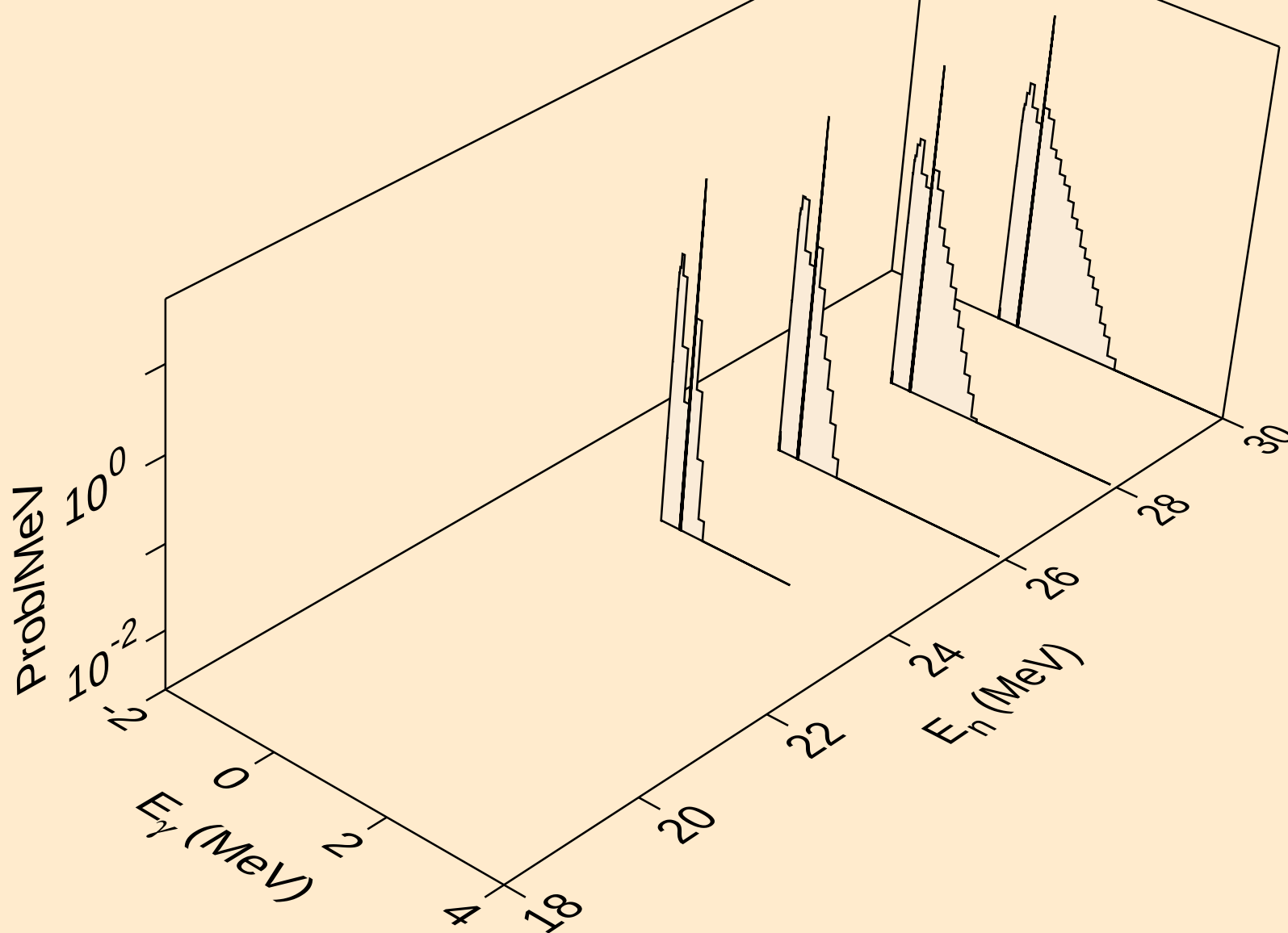


IR171 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)2a

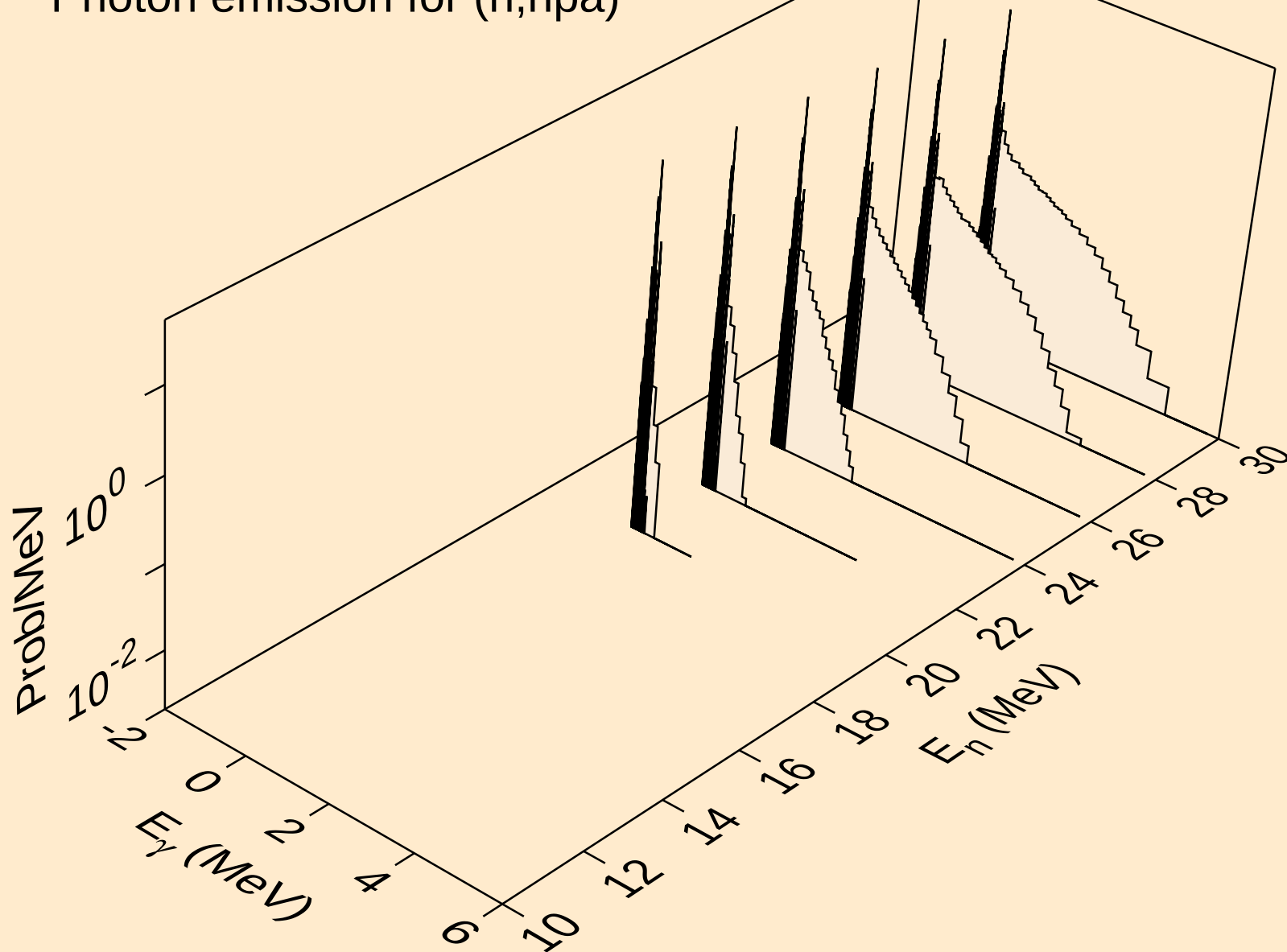


IR171 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n2p)

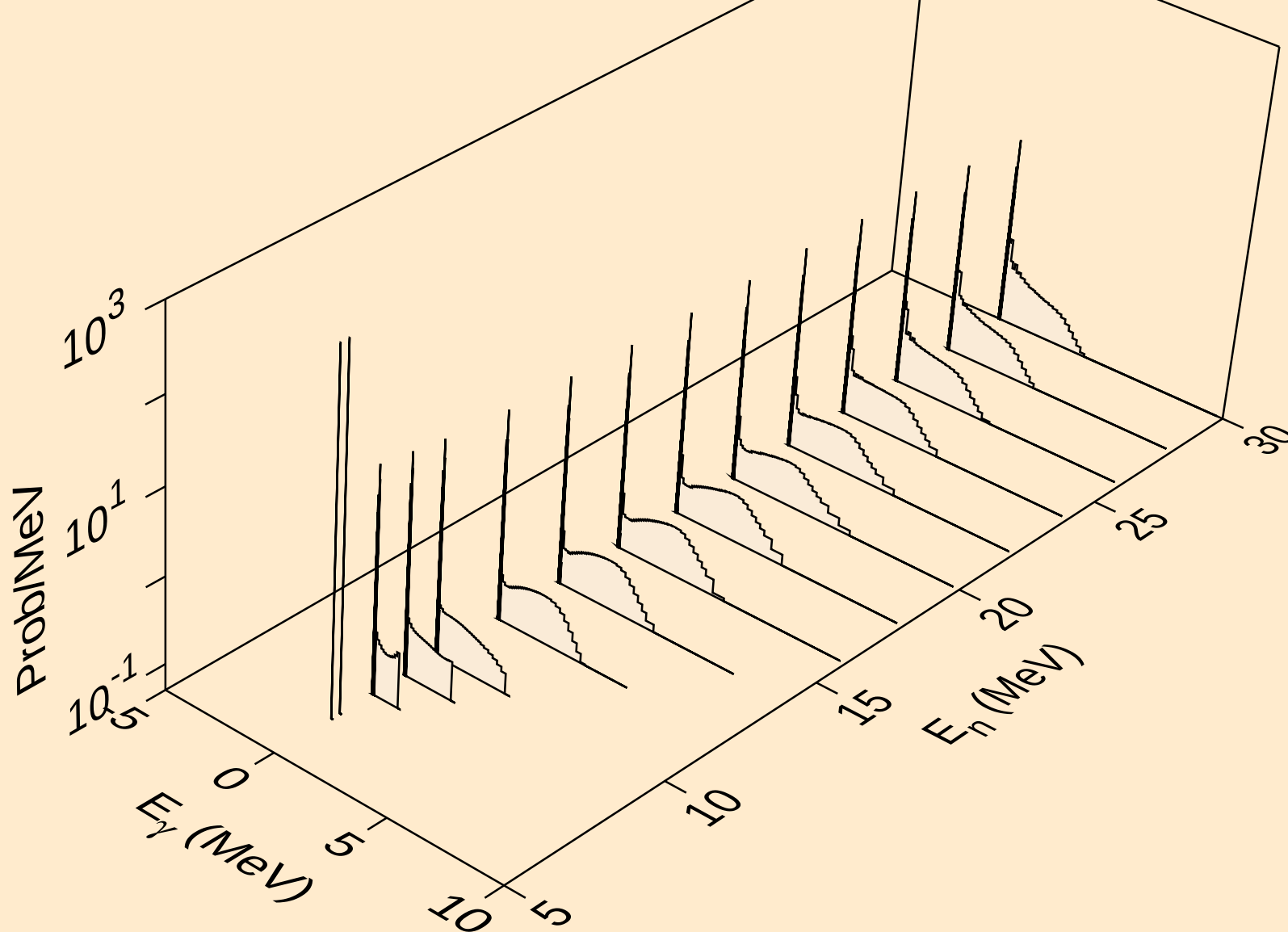


IR171 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

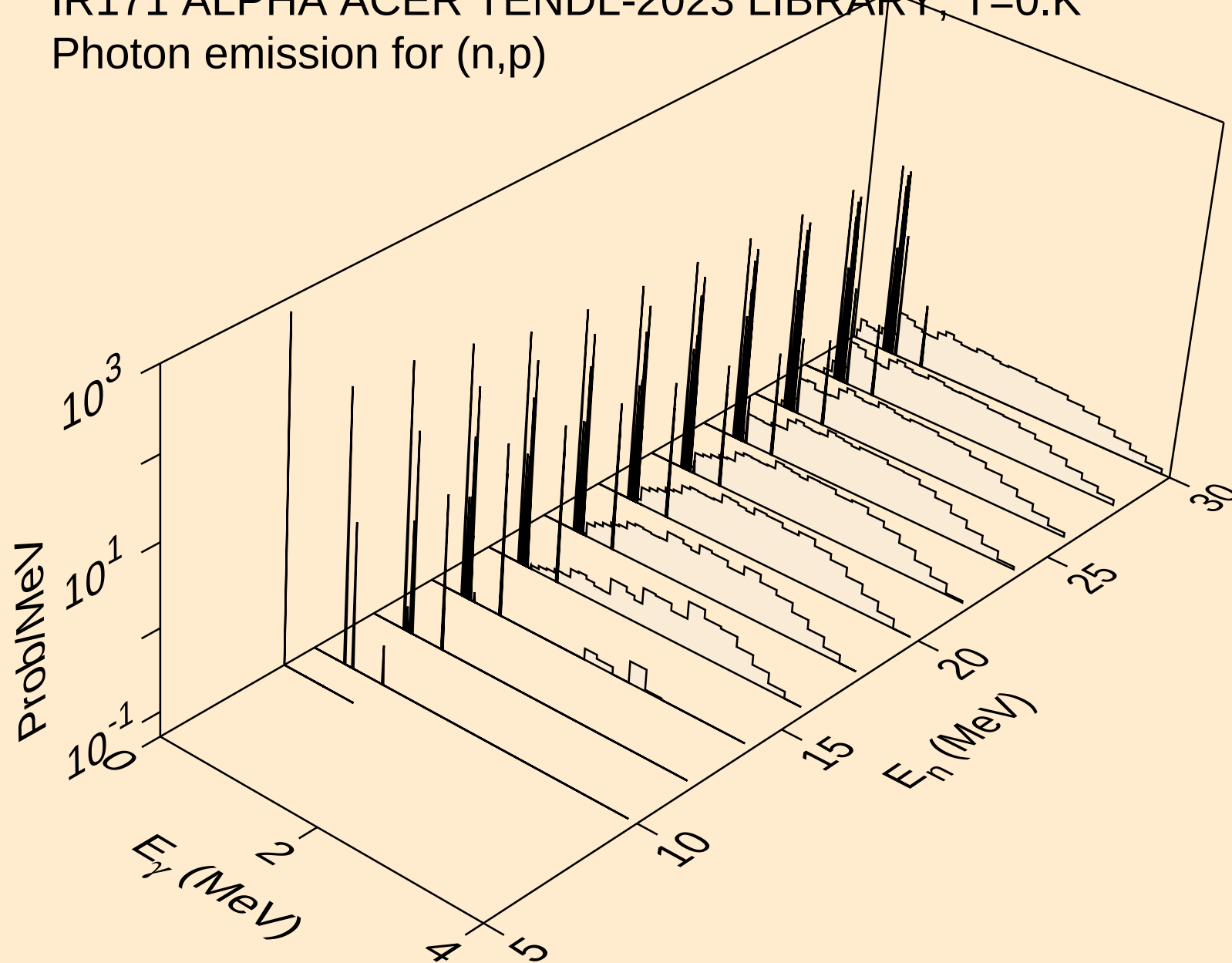
Photon emission for (n,npa)



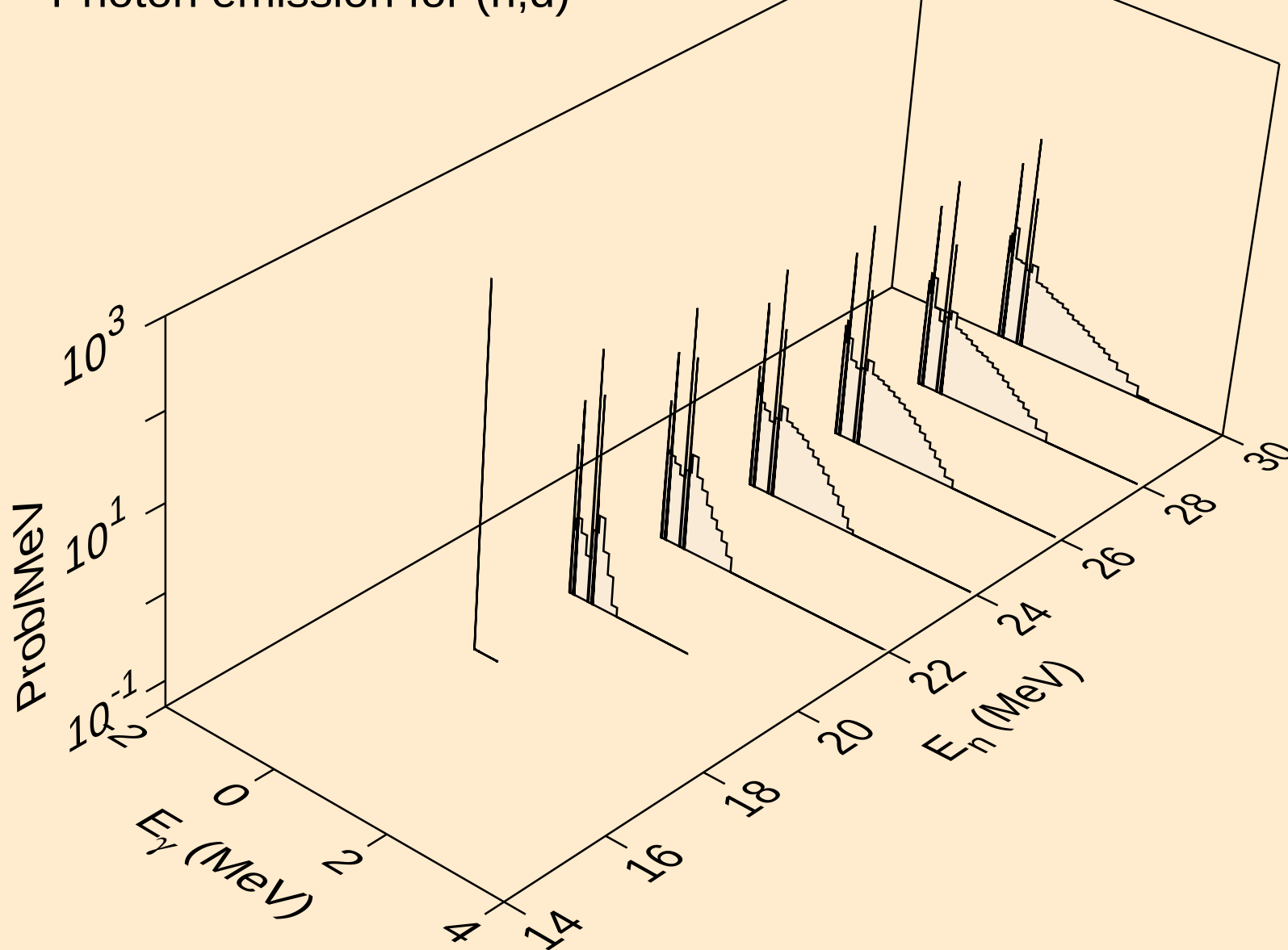
IR171 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



IR171 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p)

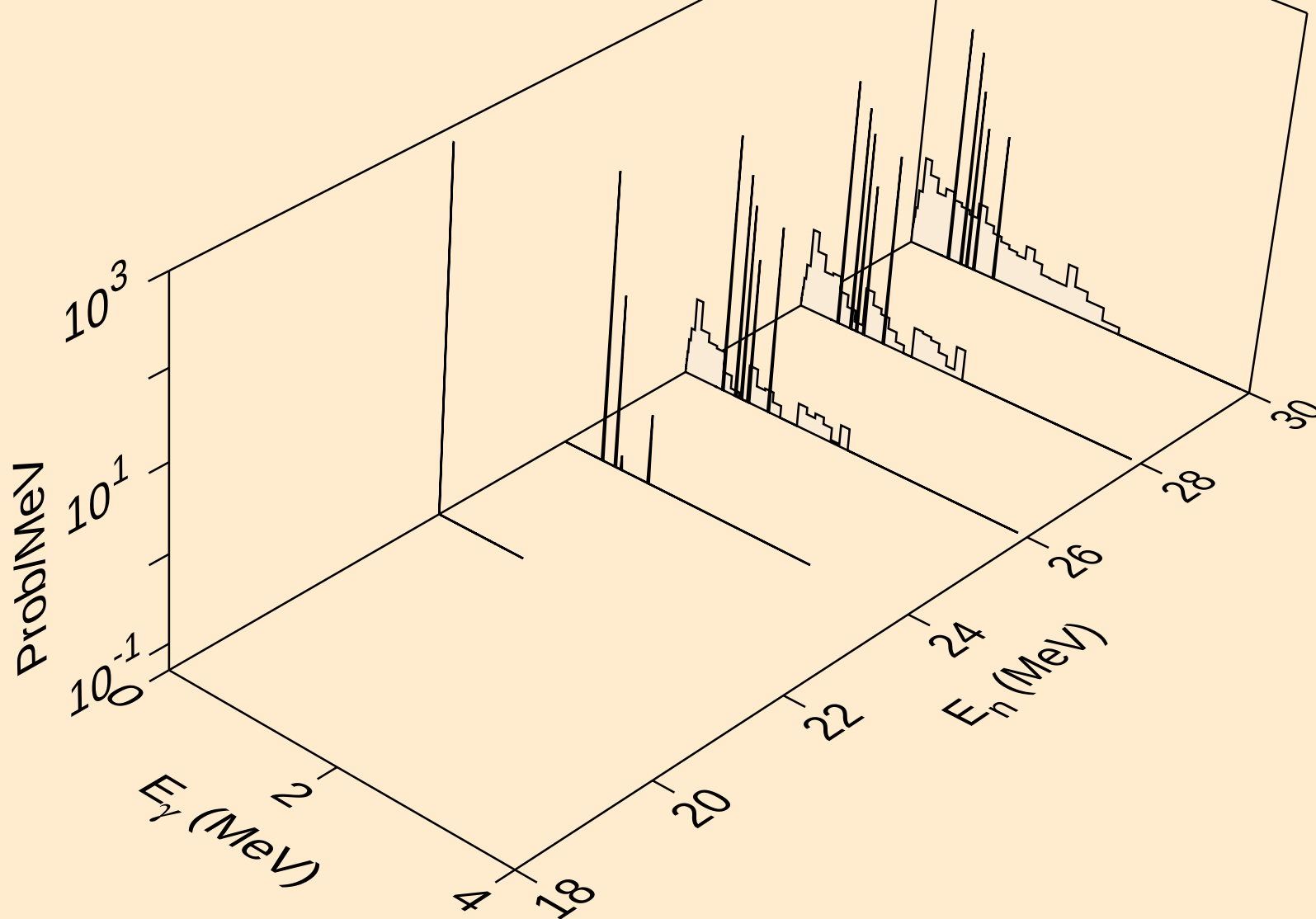


IR171 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)

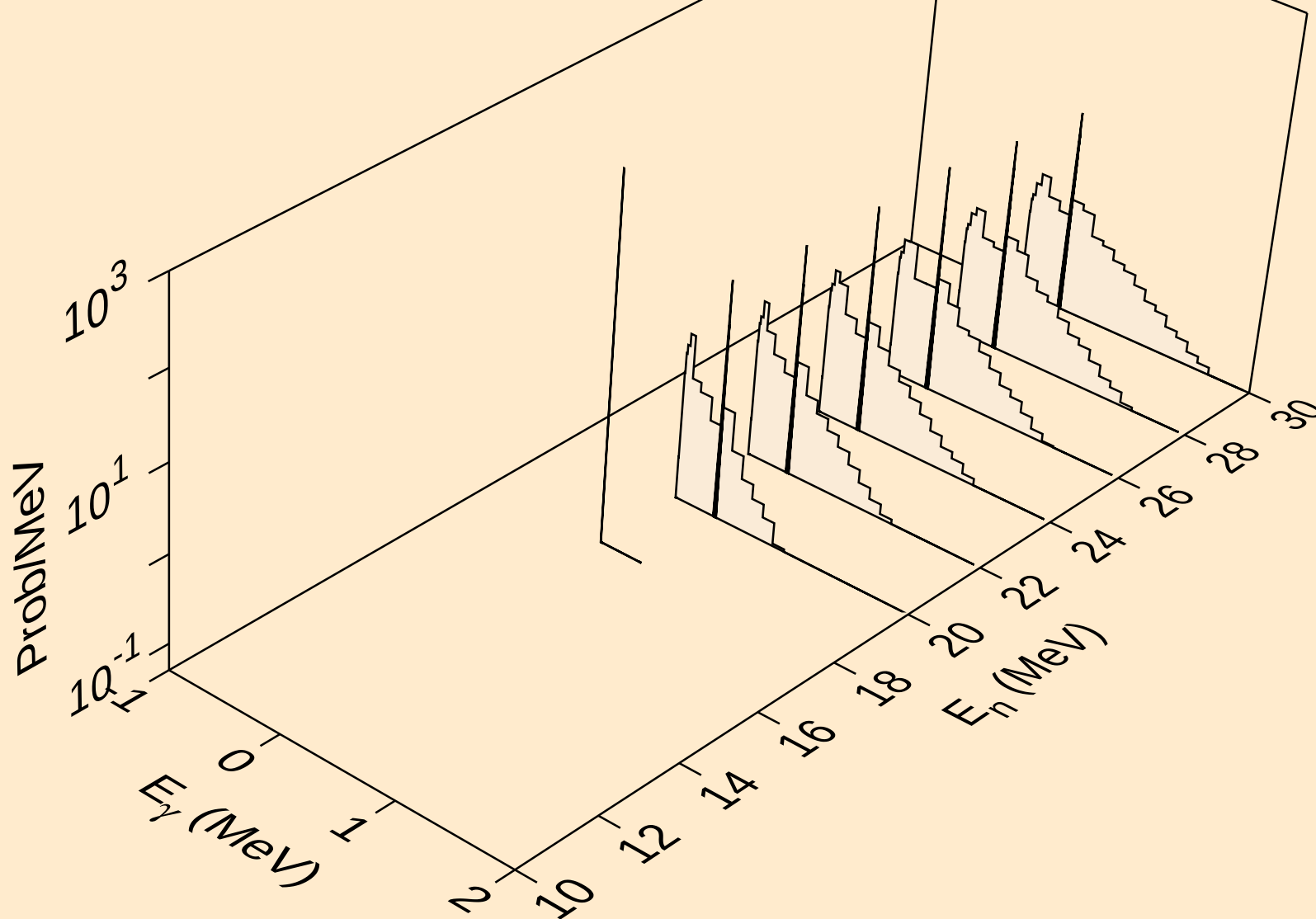


IR171 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

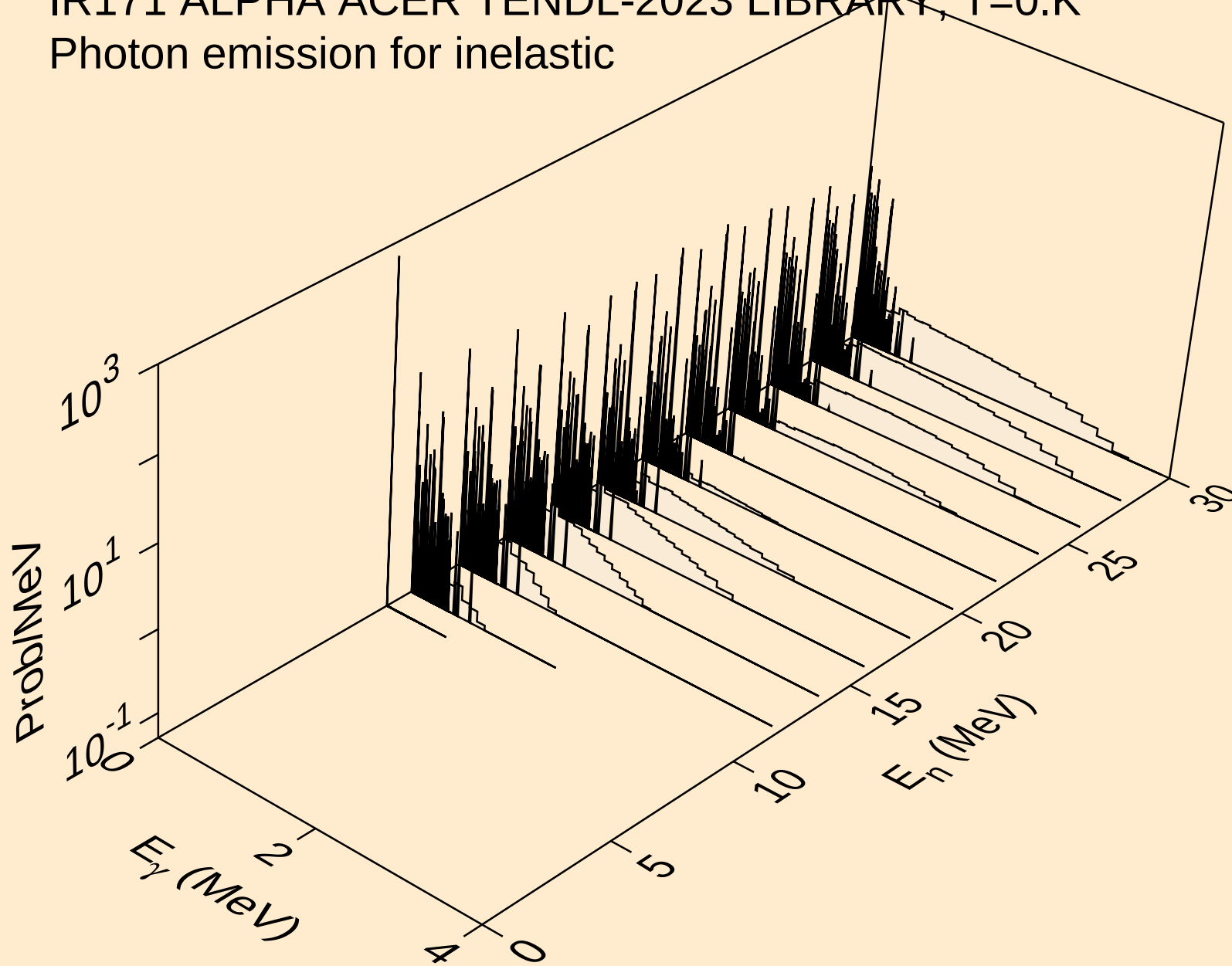
Photon emission for (n,t)



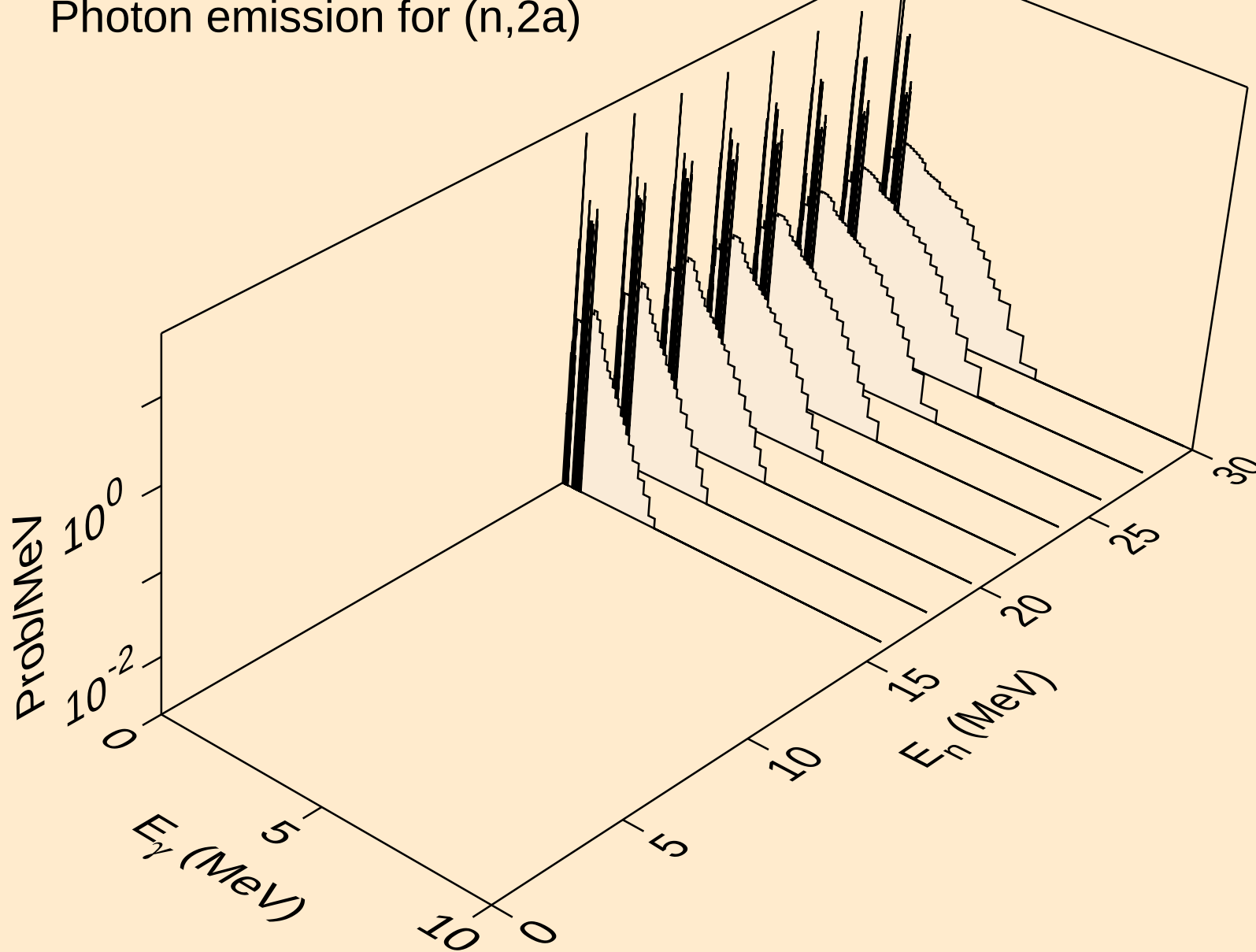
IR171 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,he3)



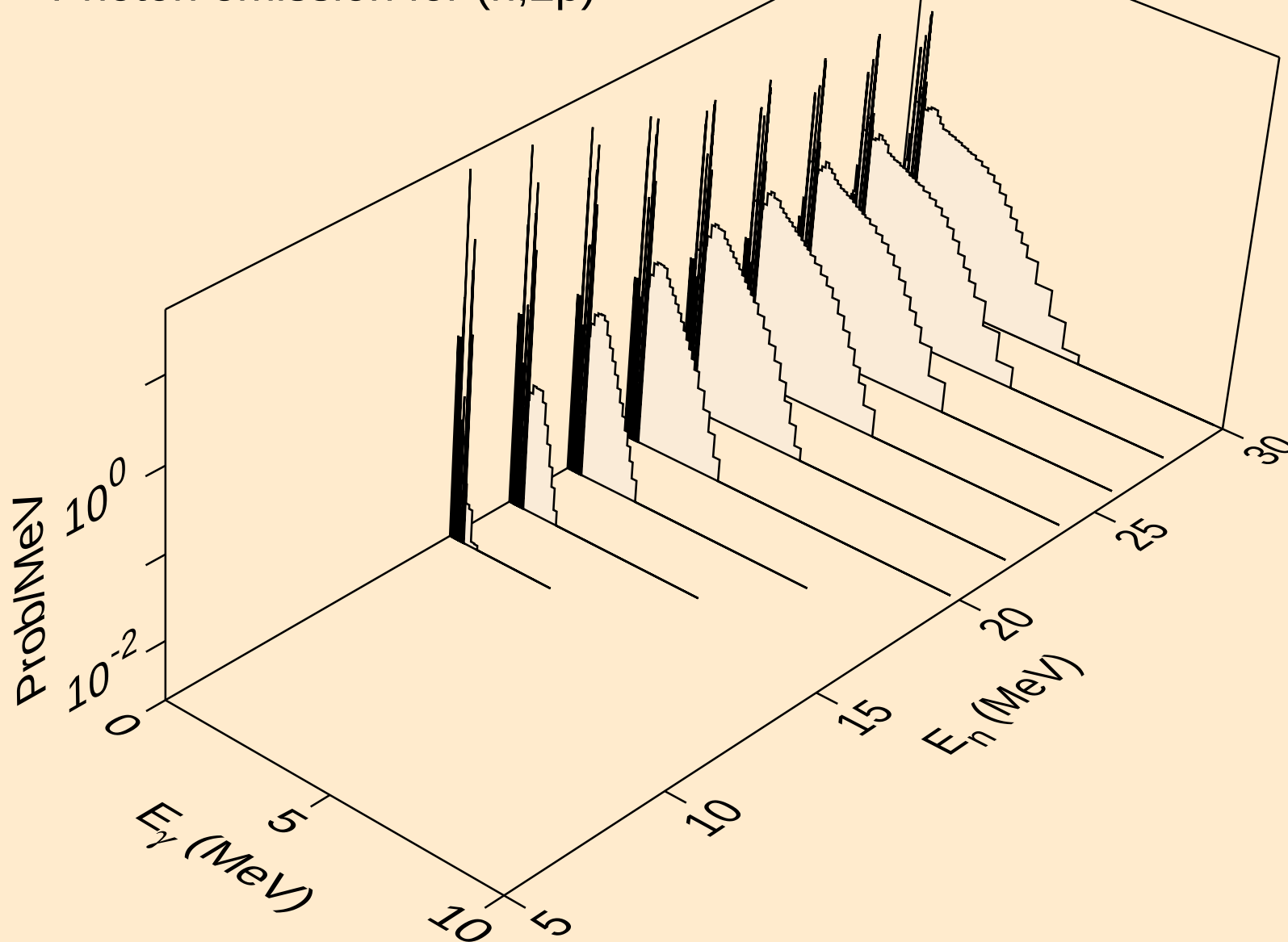
IR171 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for inelastic



IR171 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2a)

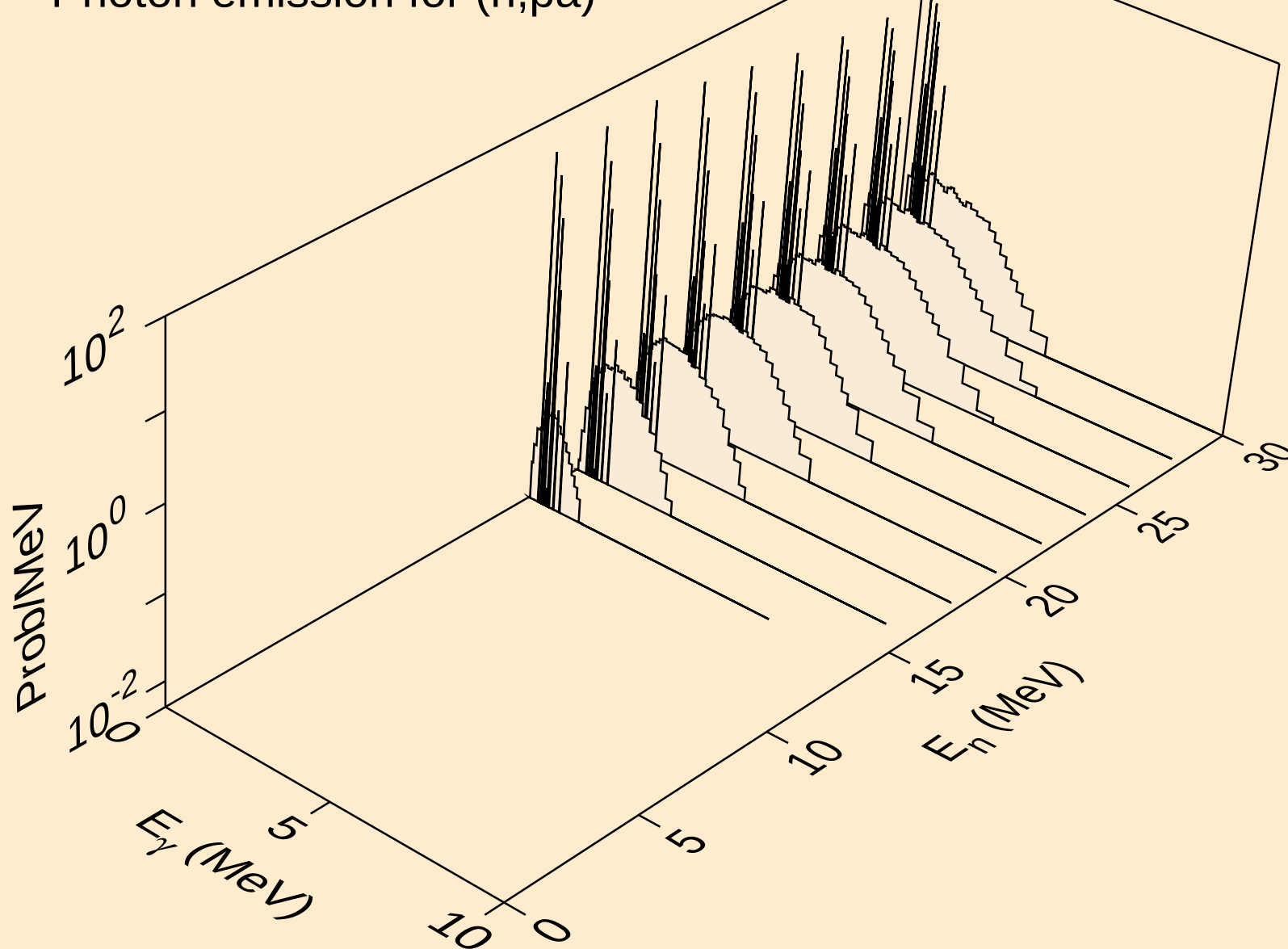


IR171 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2p)



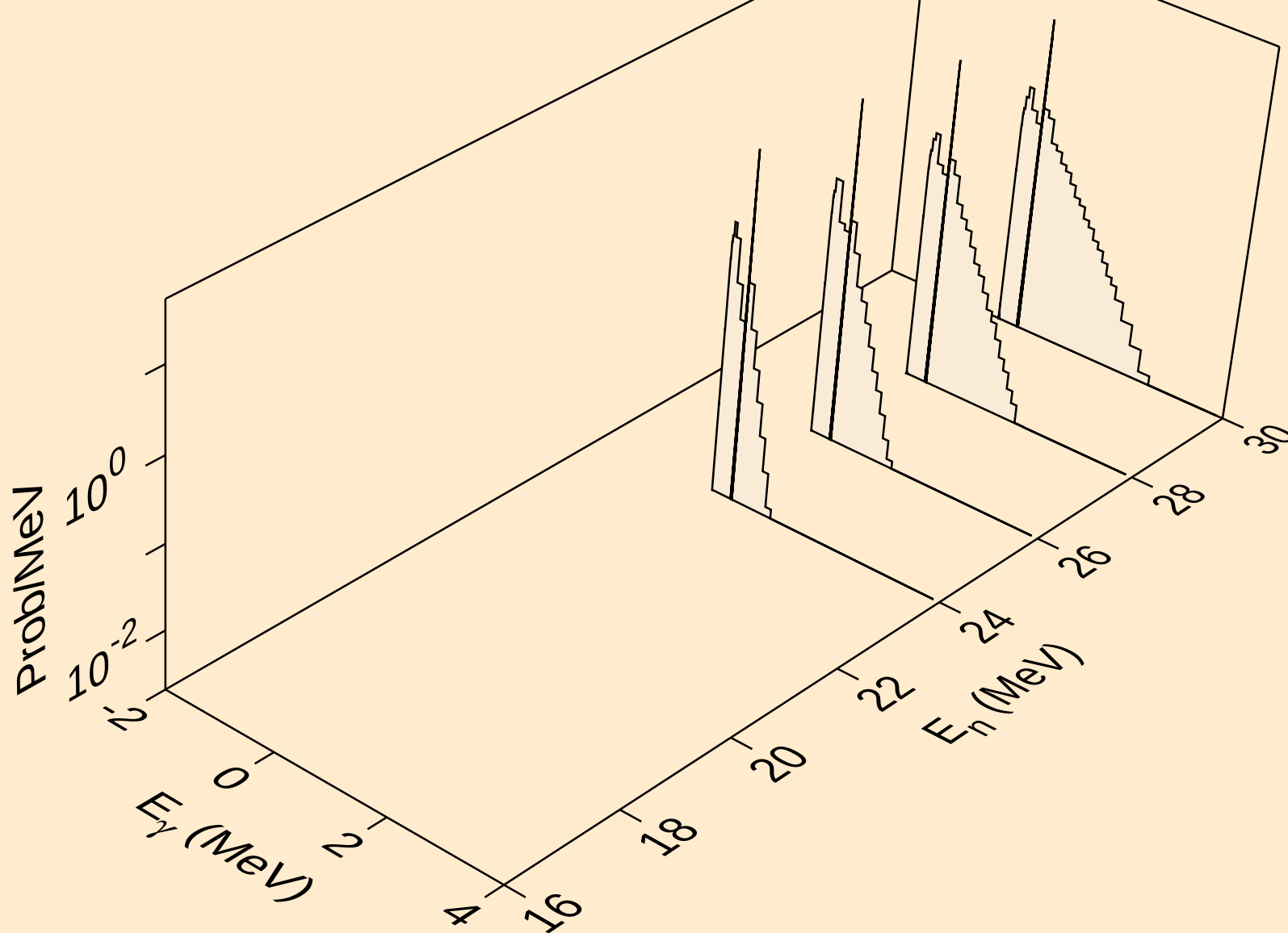
IR171 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,pa)

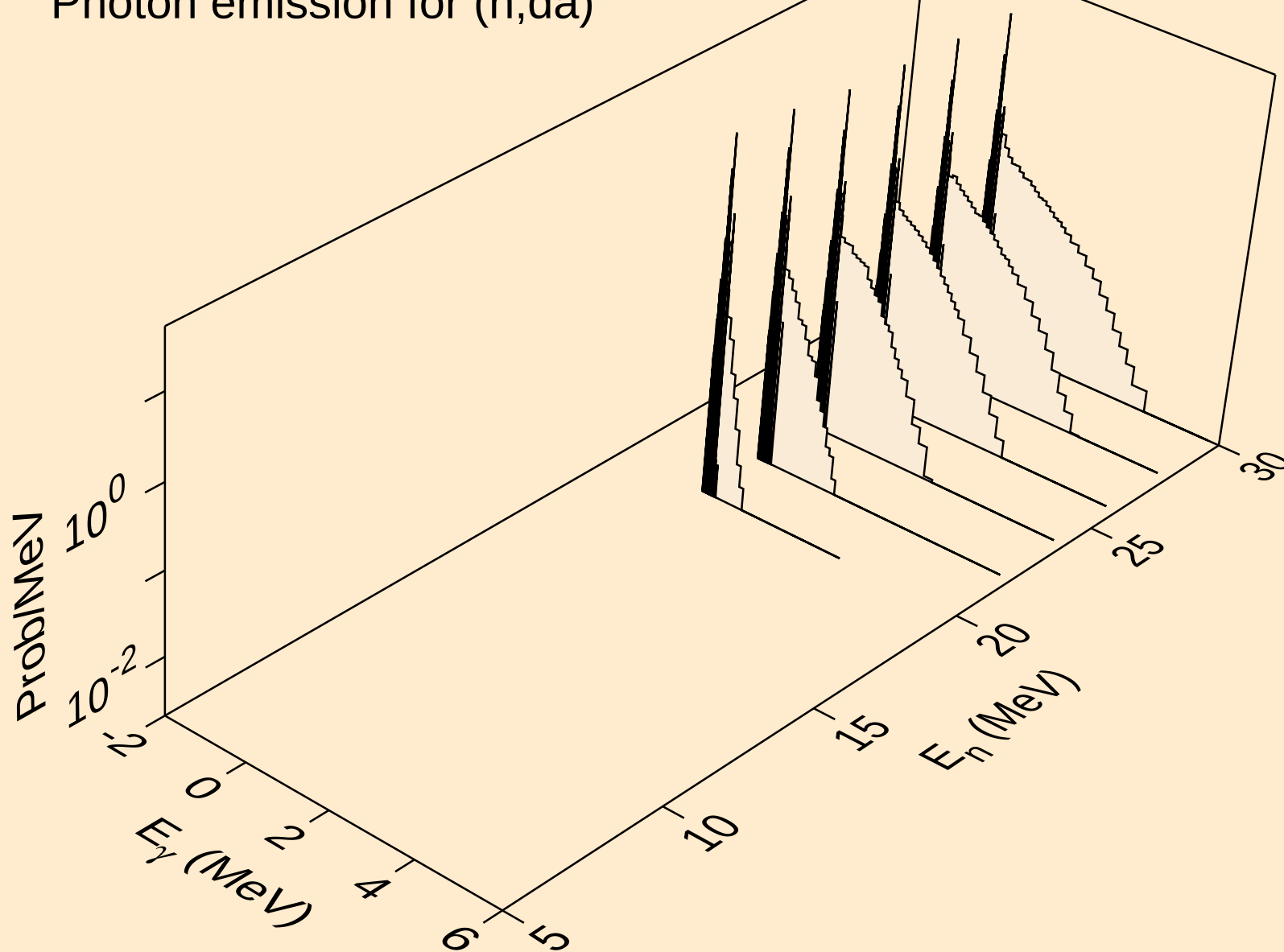


IR171 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,pd)

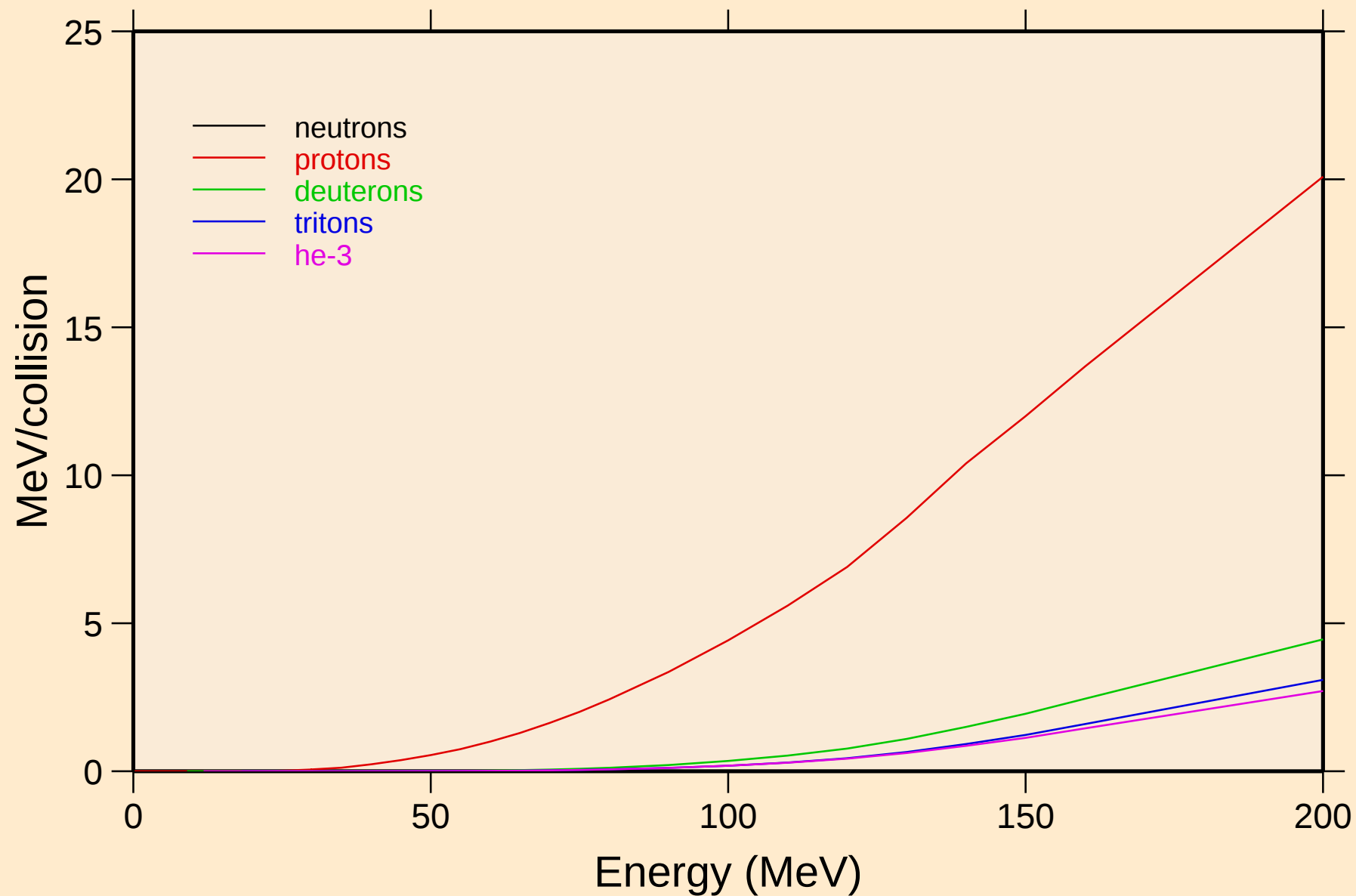


IR171 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,da)



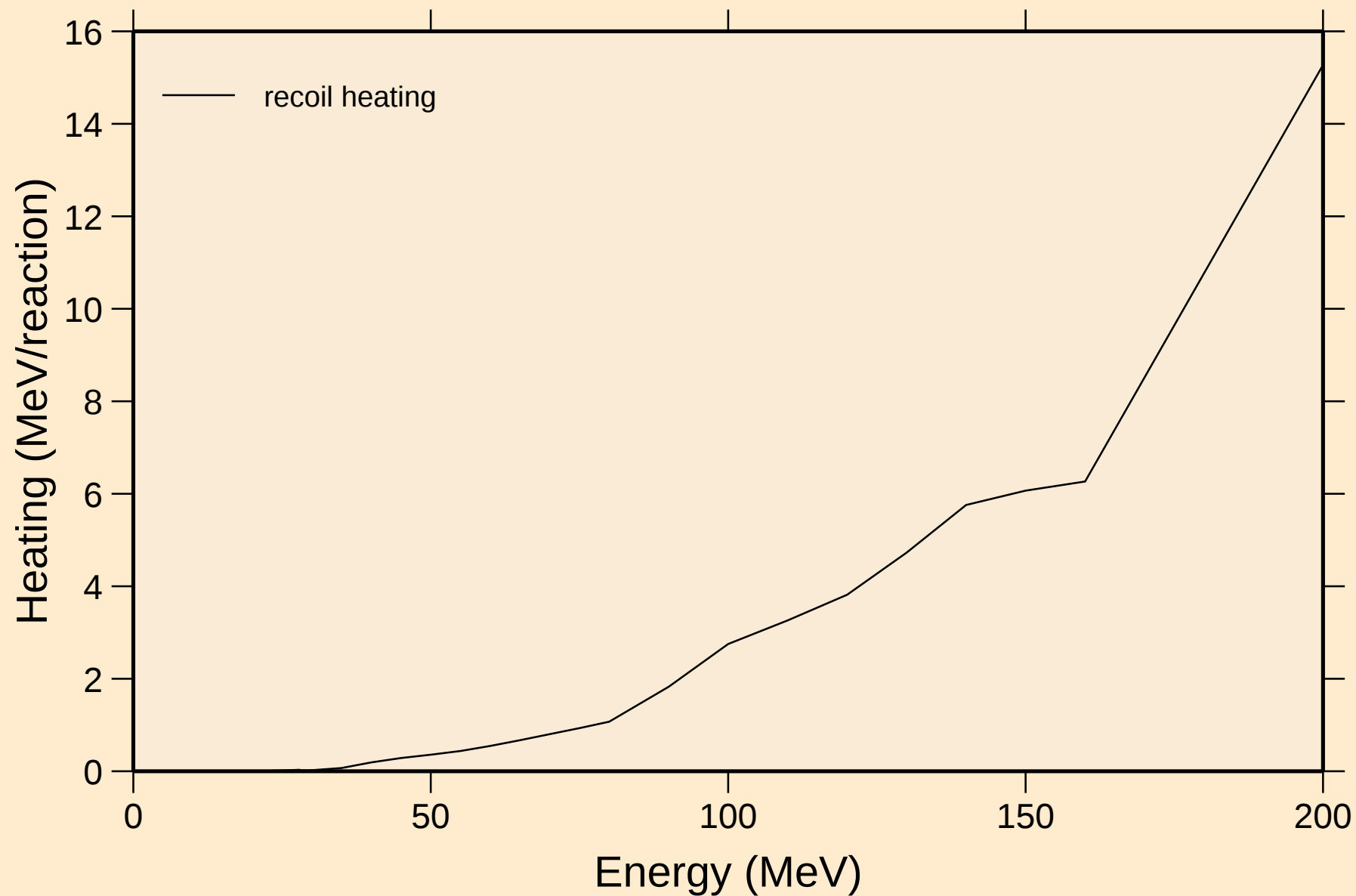
IR171 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Particle heating contributions



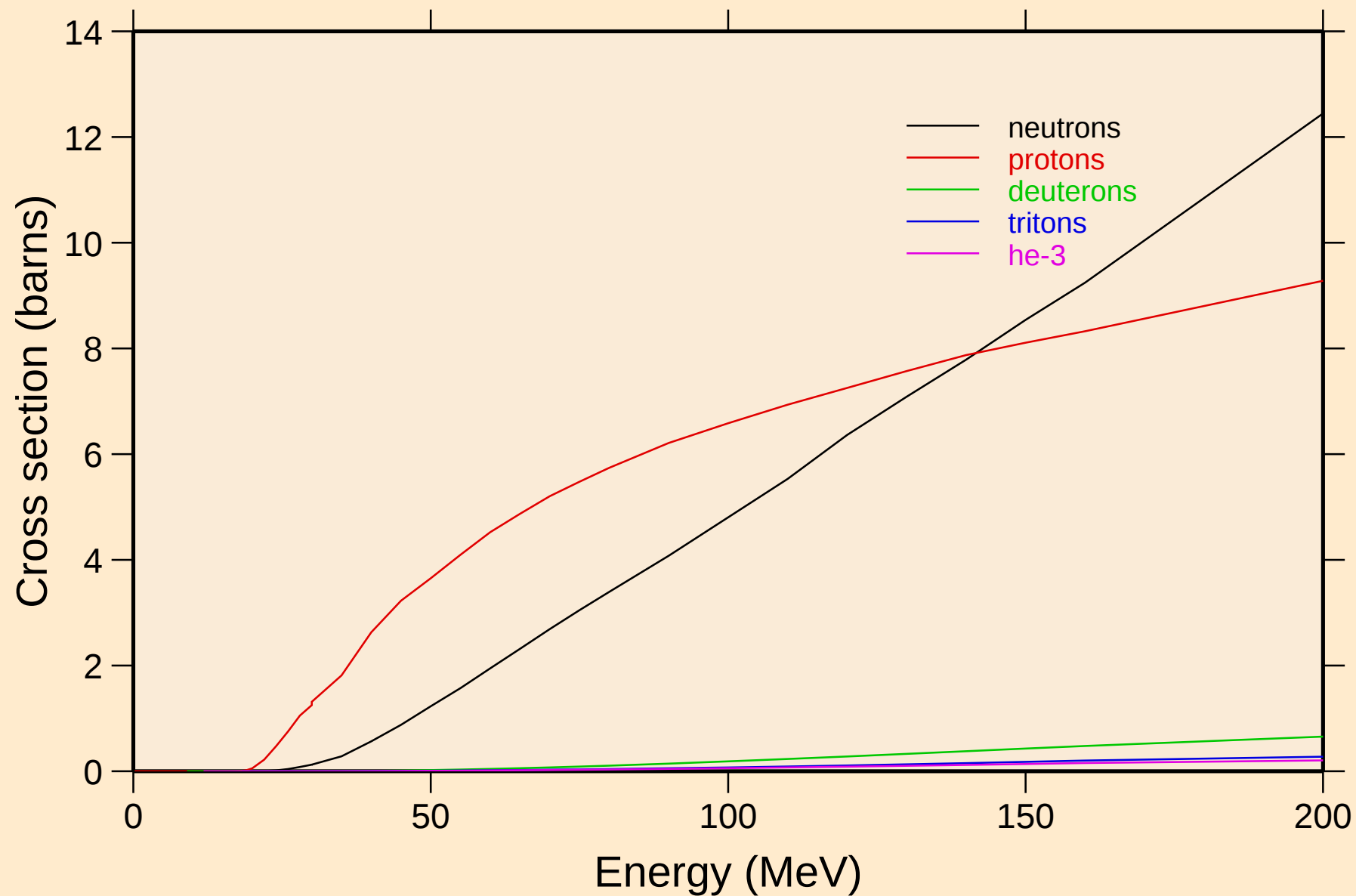
IR171 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Recoil Heating

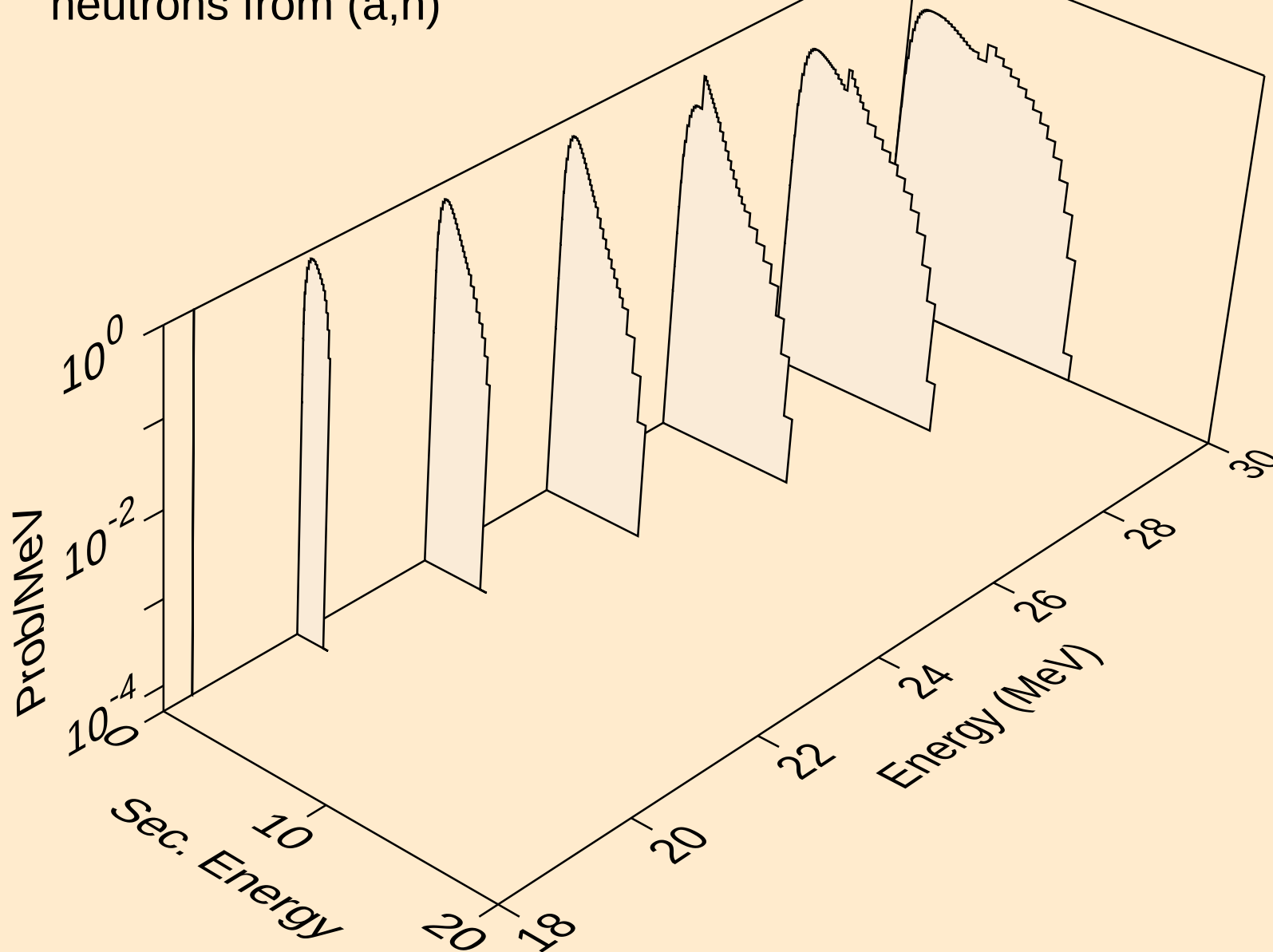


IR171 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

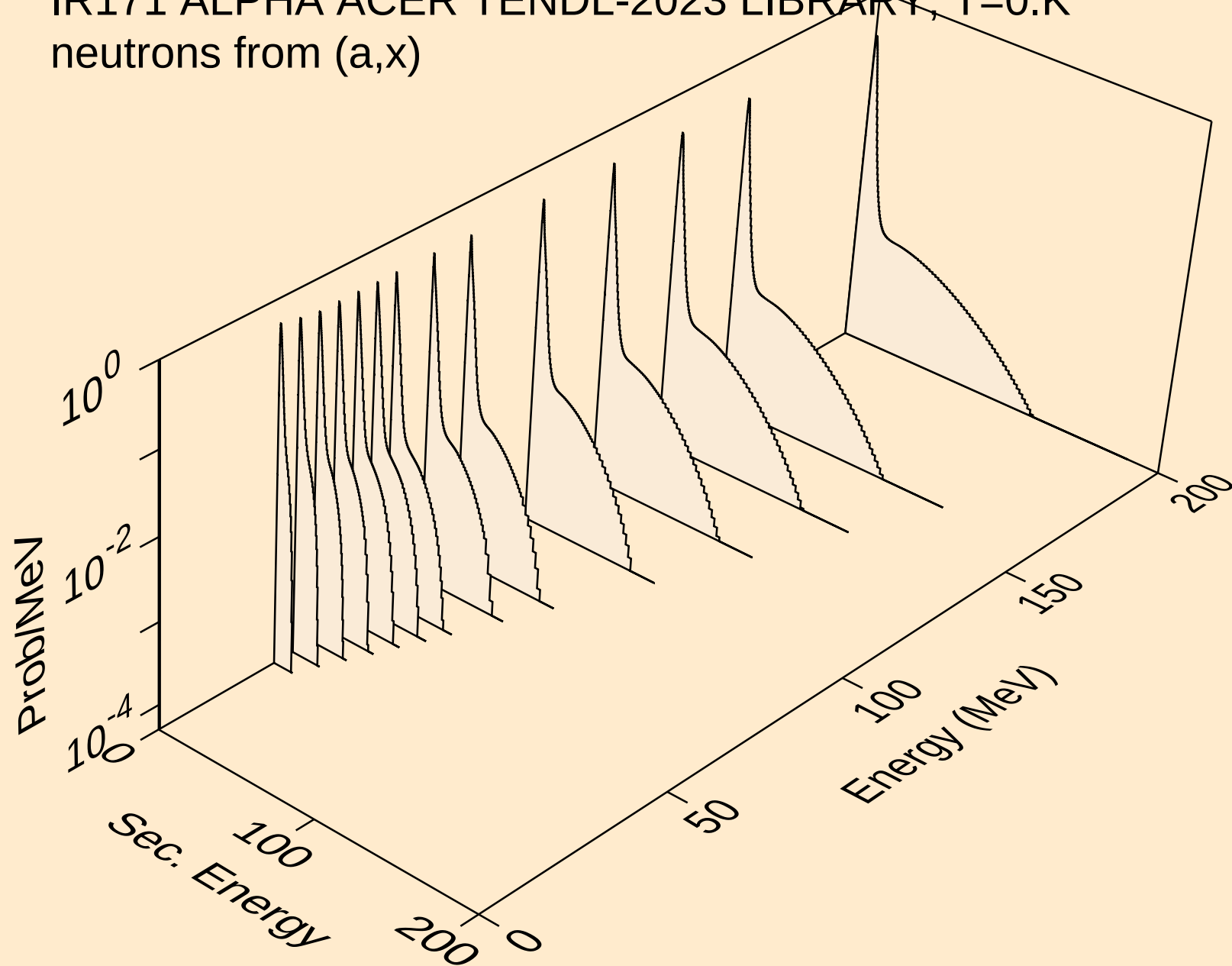
Particle production cross sections



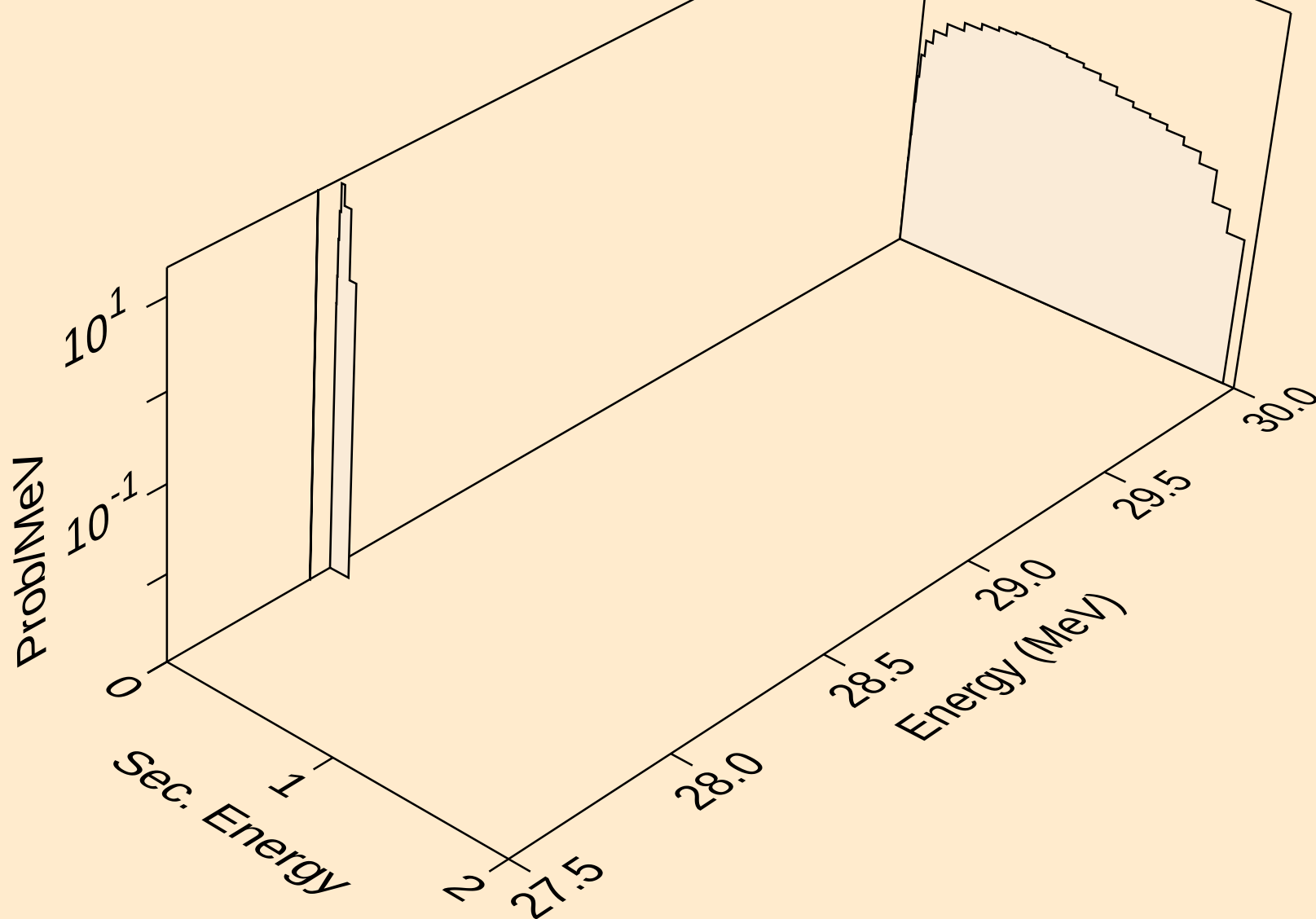
IR171 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n)



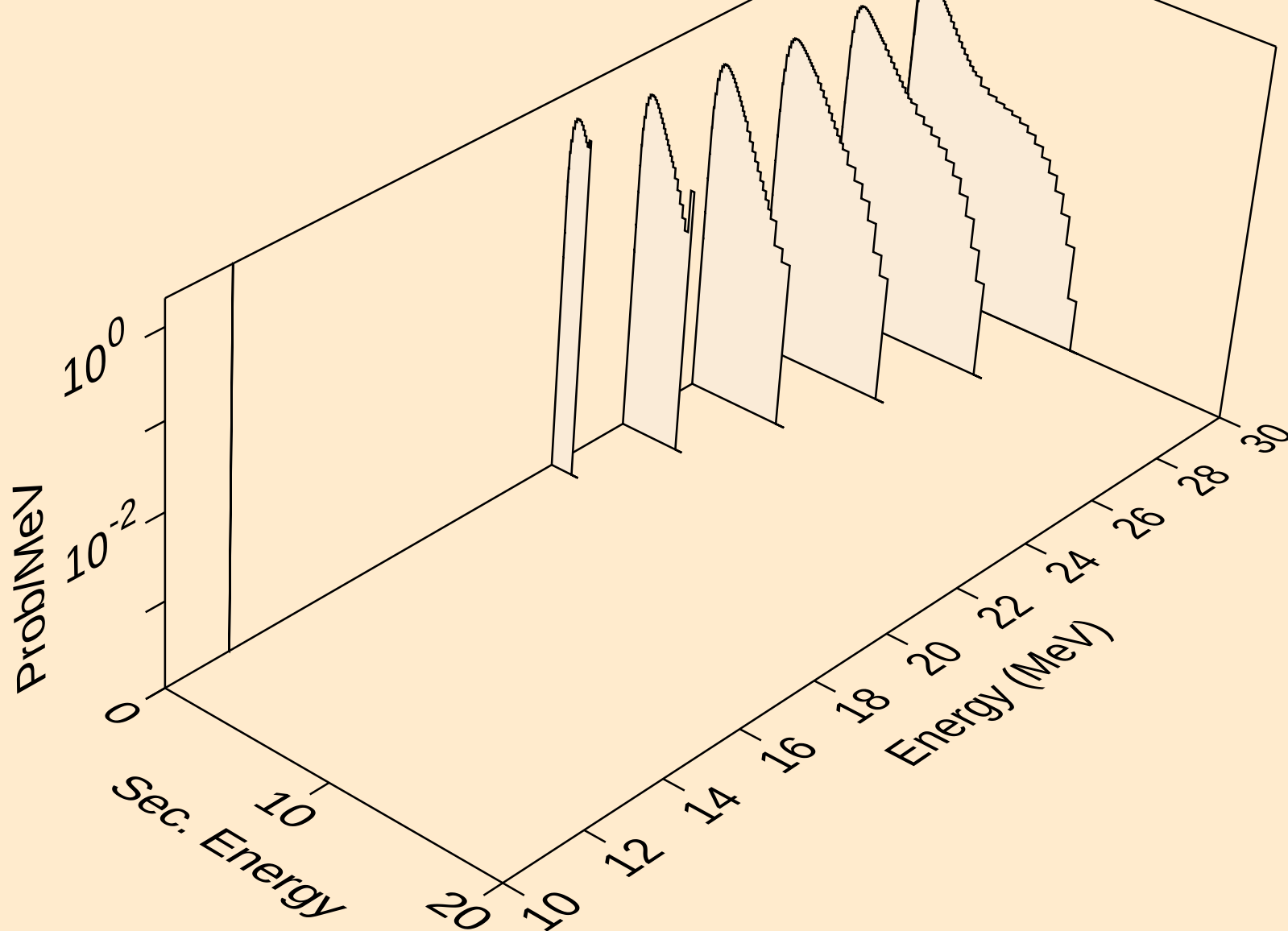
IR171 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,x)



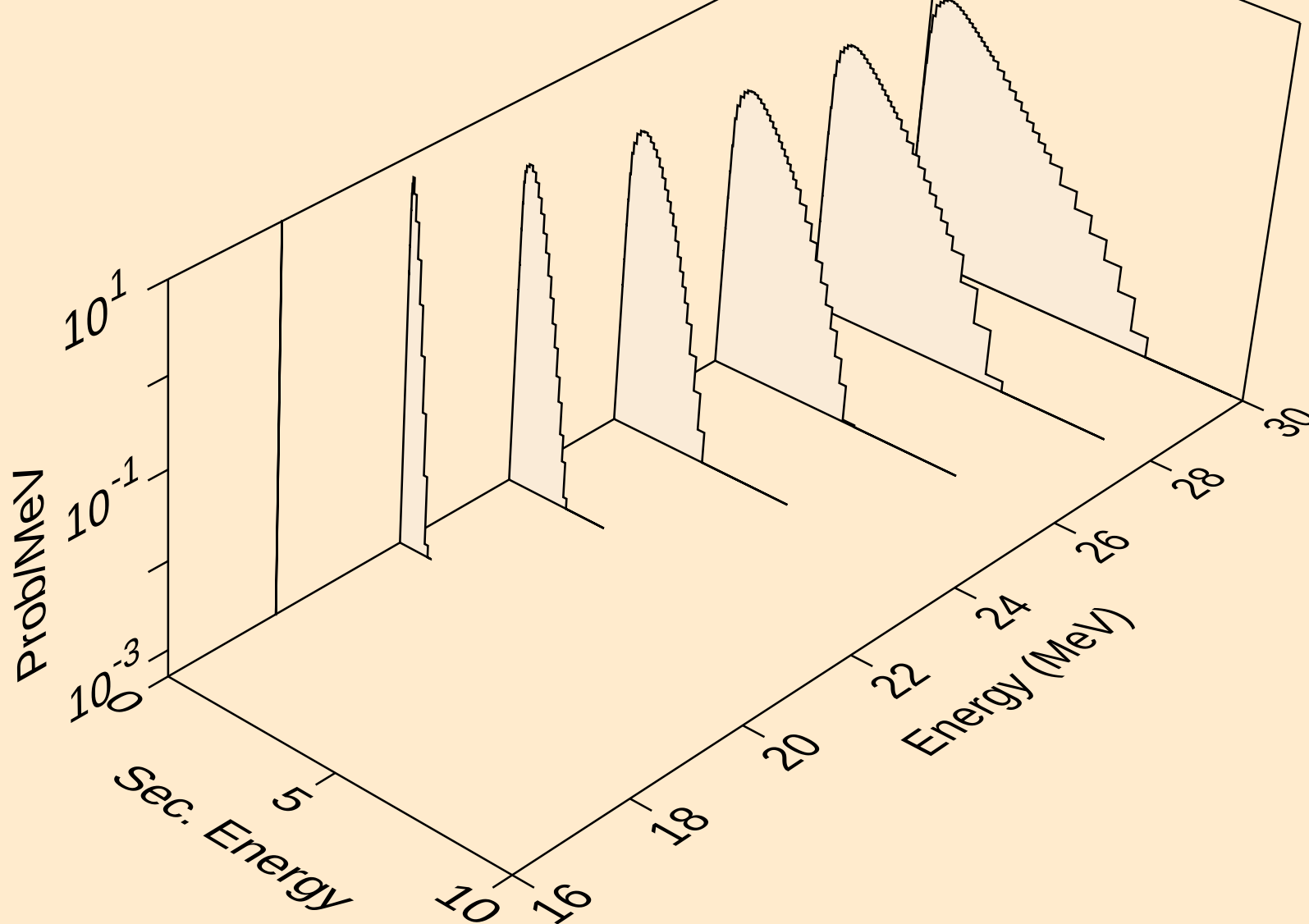
IR171 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,2n)



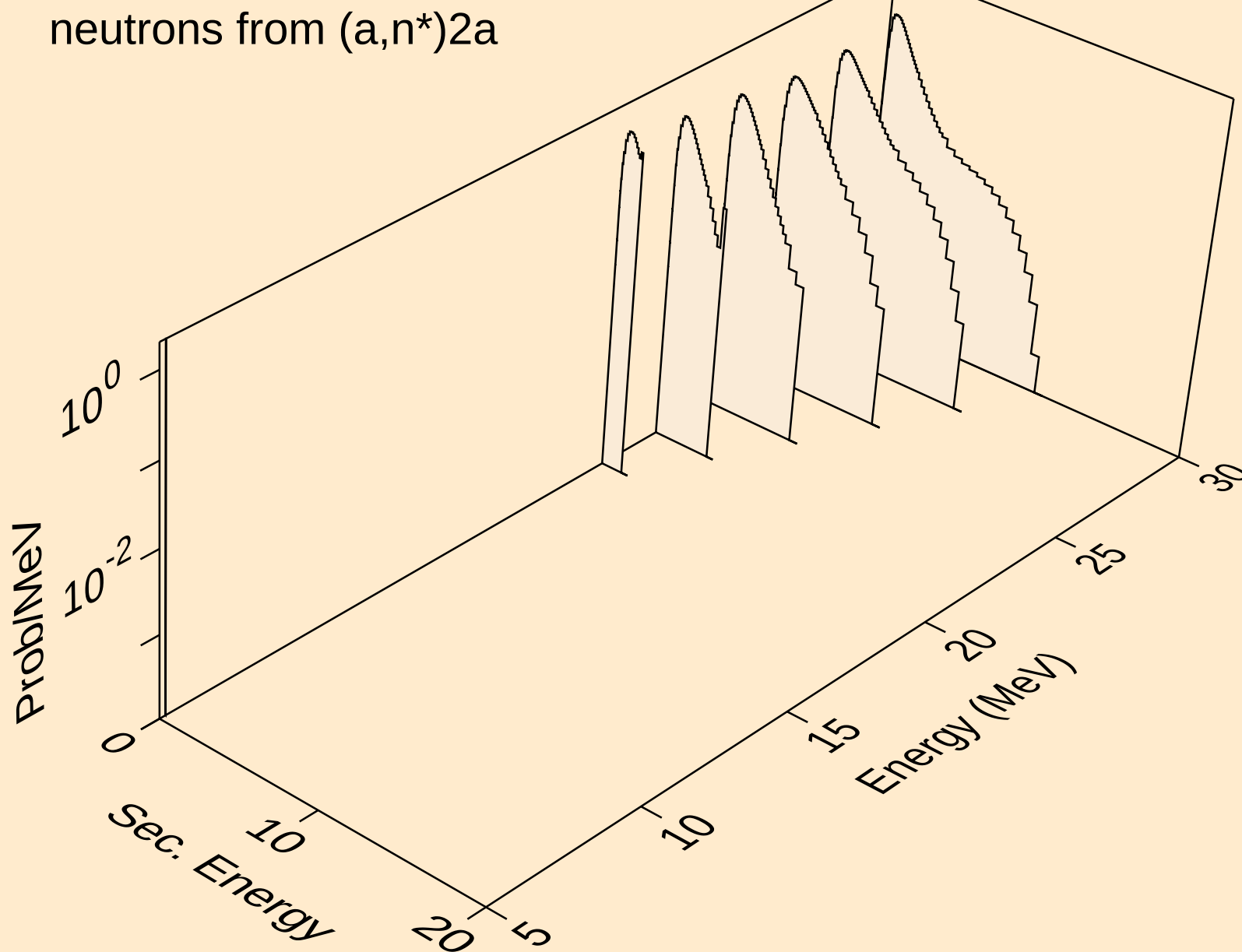
IR171 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n*)a



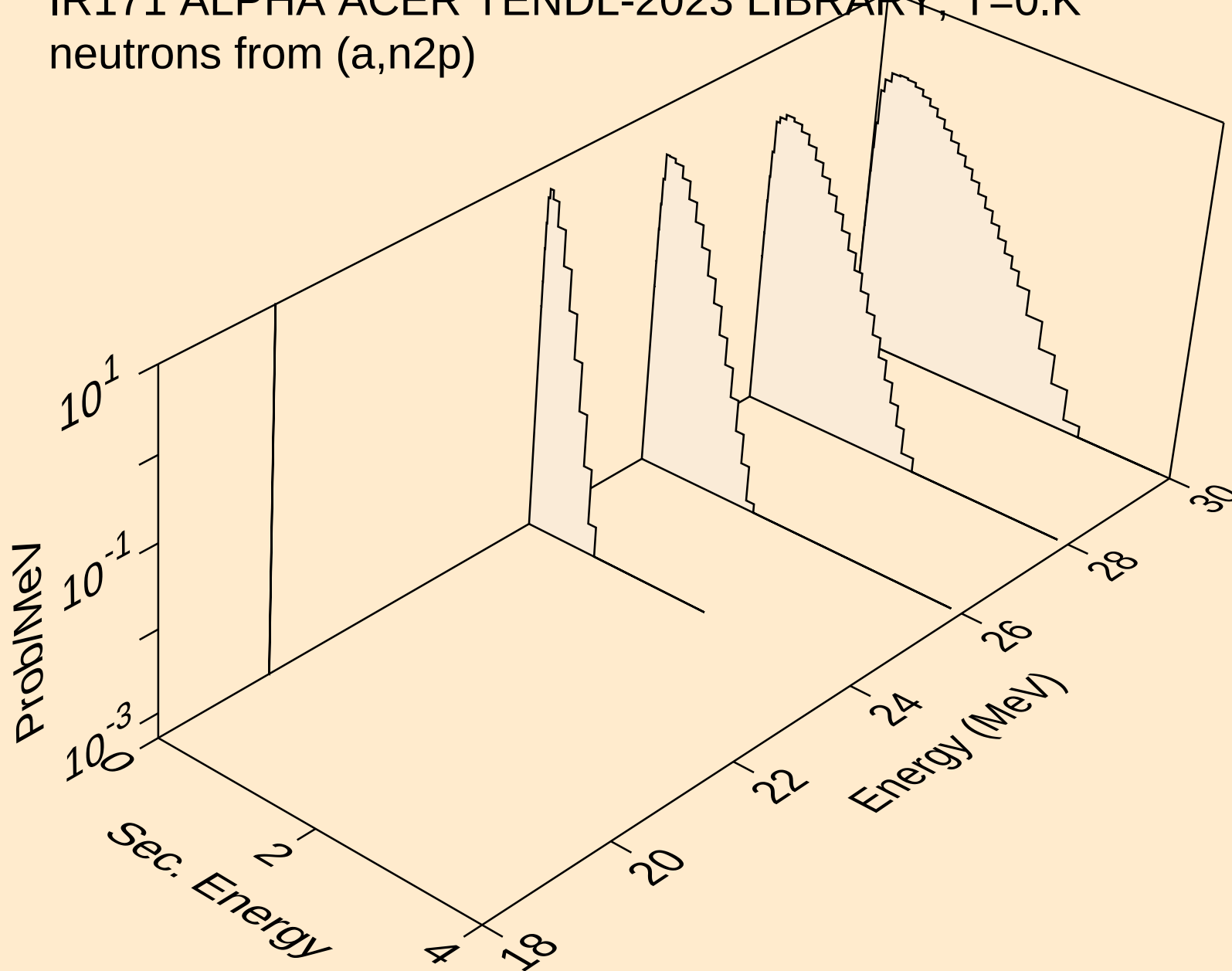
IR171 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n*)p



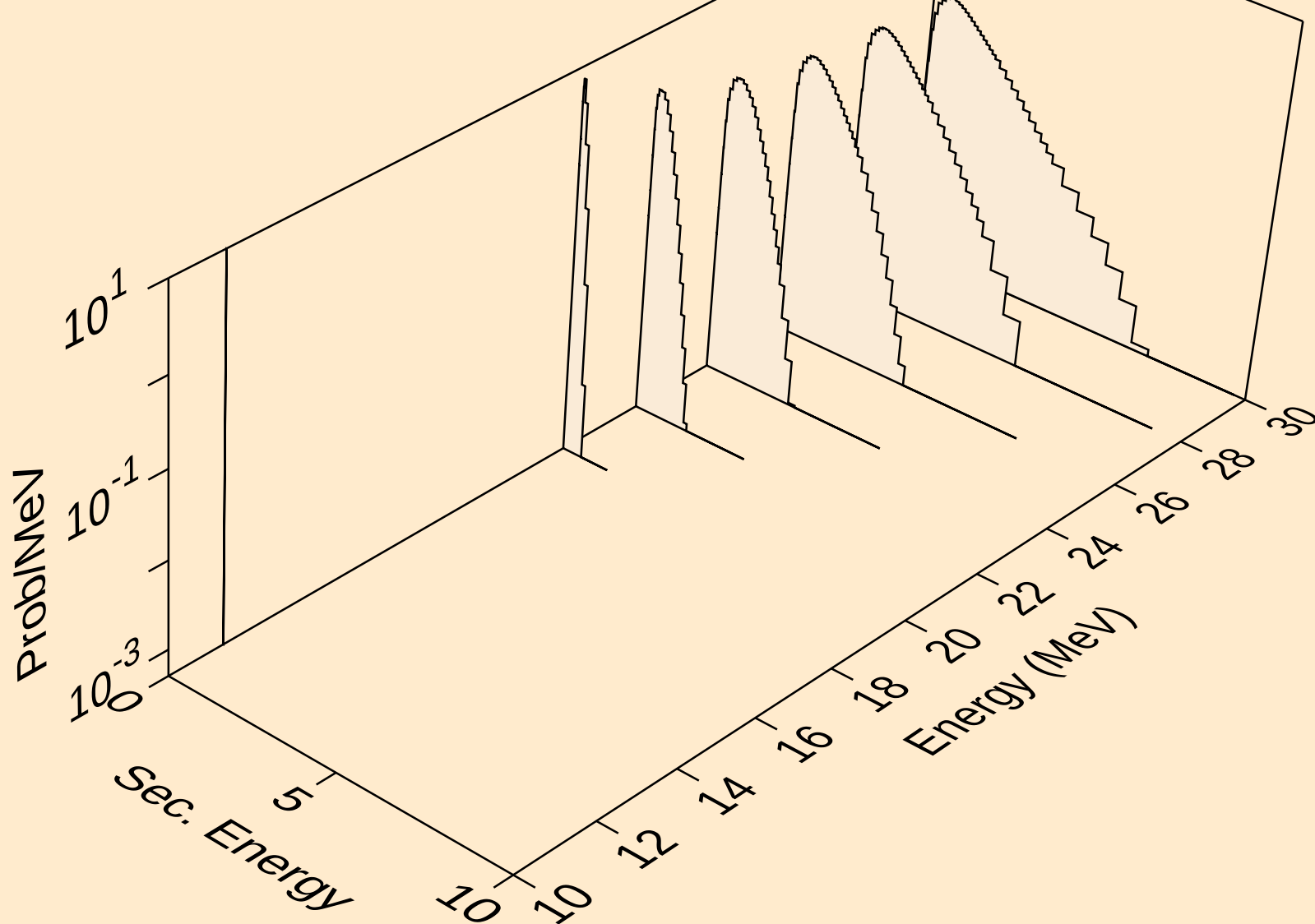
IR171 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n*)2a



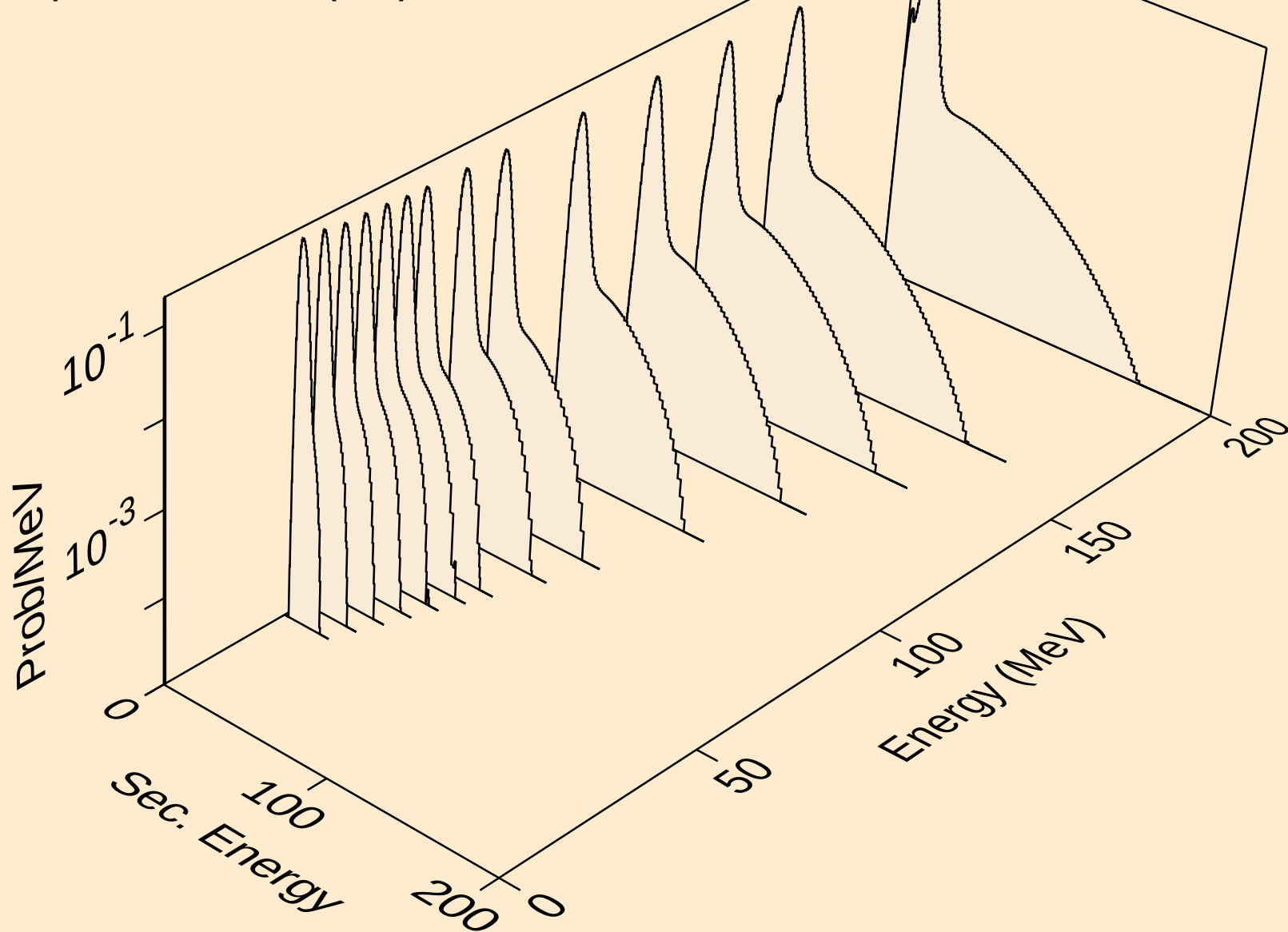
IR171 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n2p)



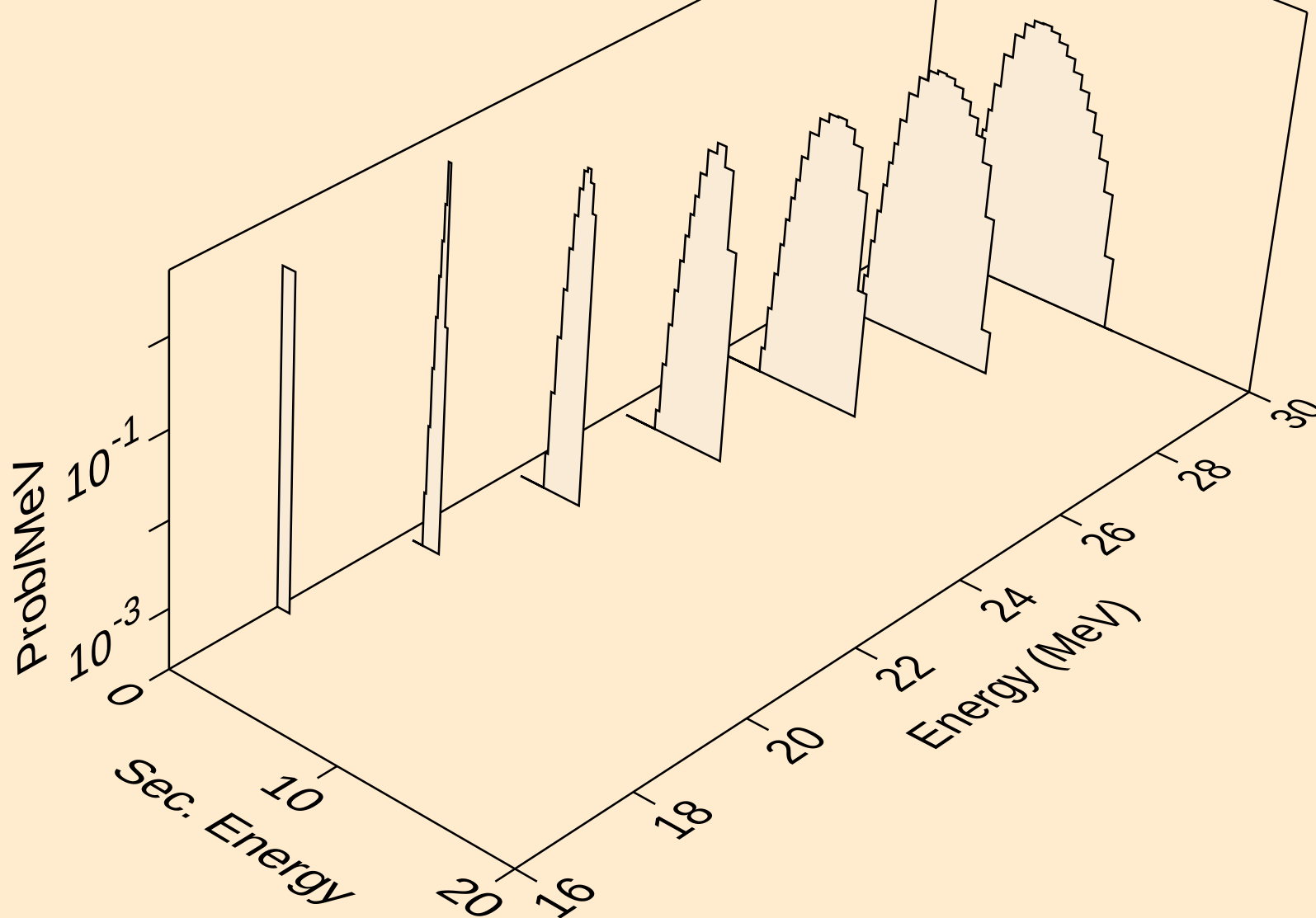
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neutrons from (a,npa)



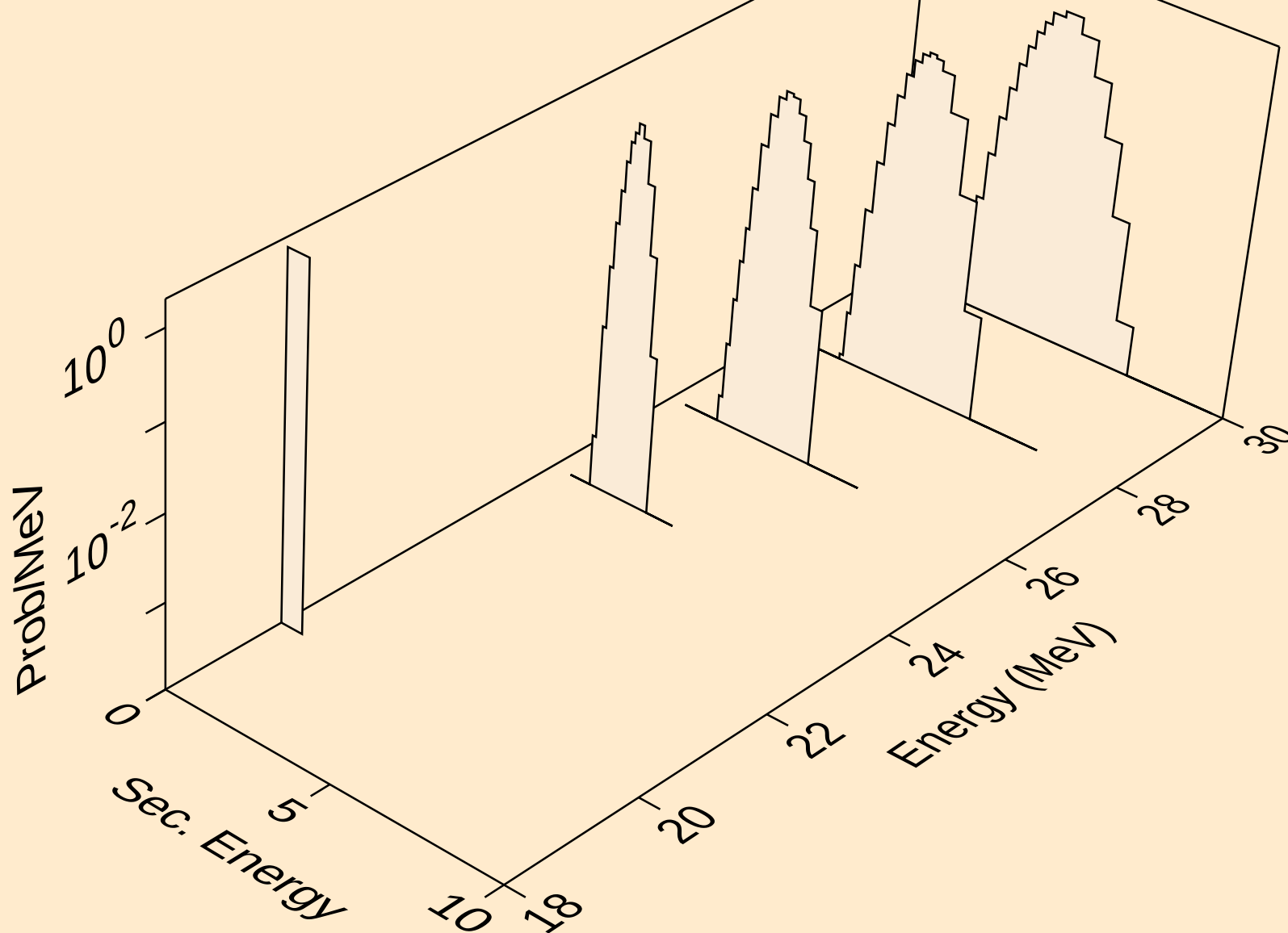
IR171 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
protons from (a,x)



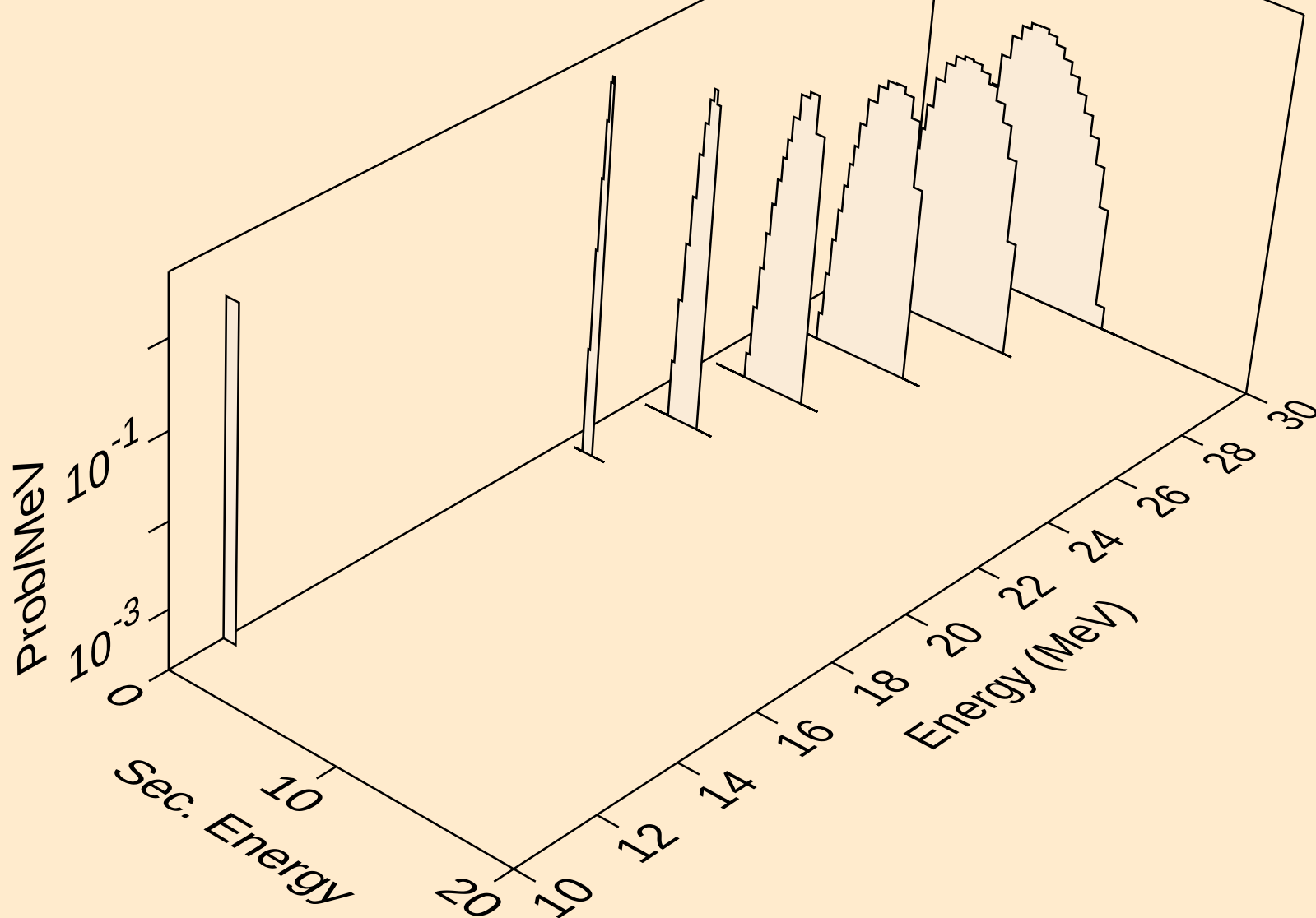
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protons from (a,n*)p



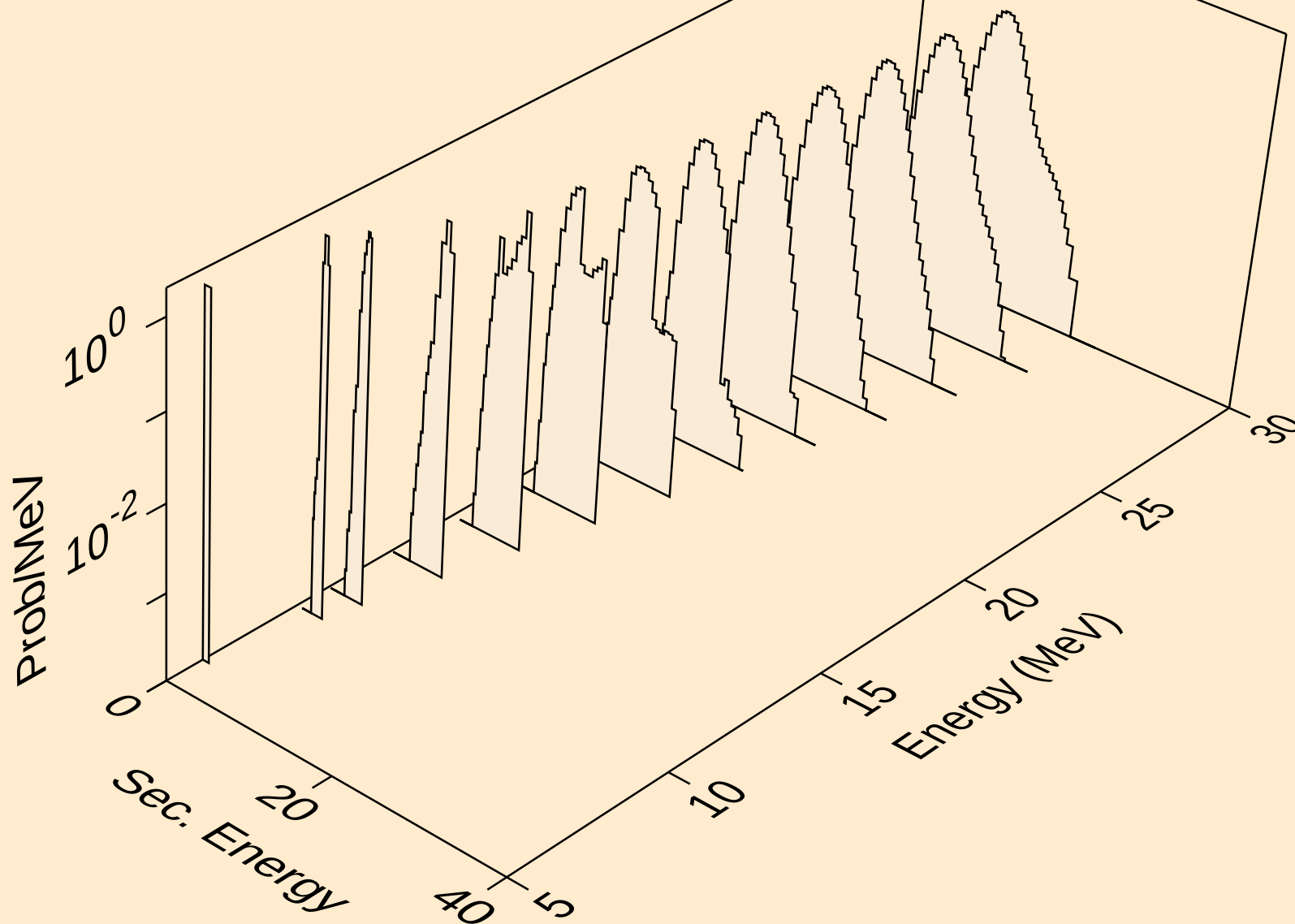
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protons from (a,n2p)



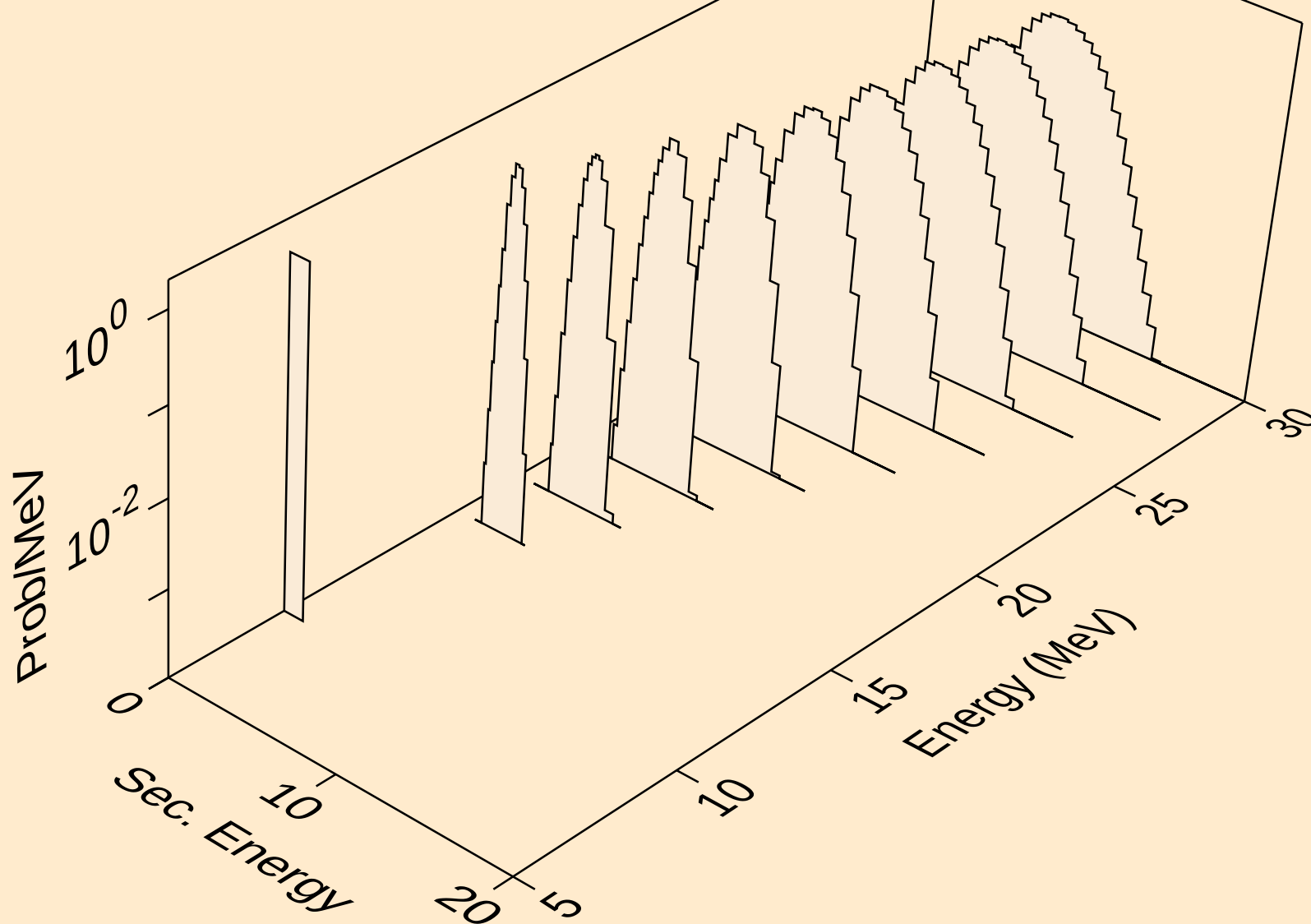
IR171 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
protons from (a,npa)



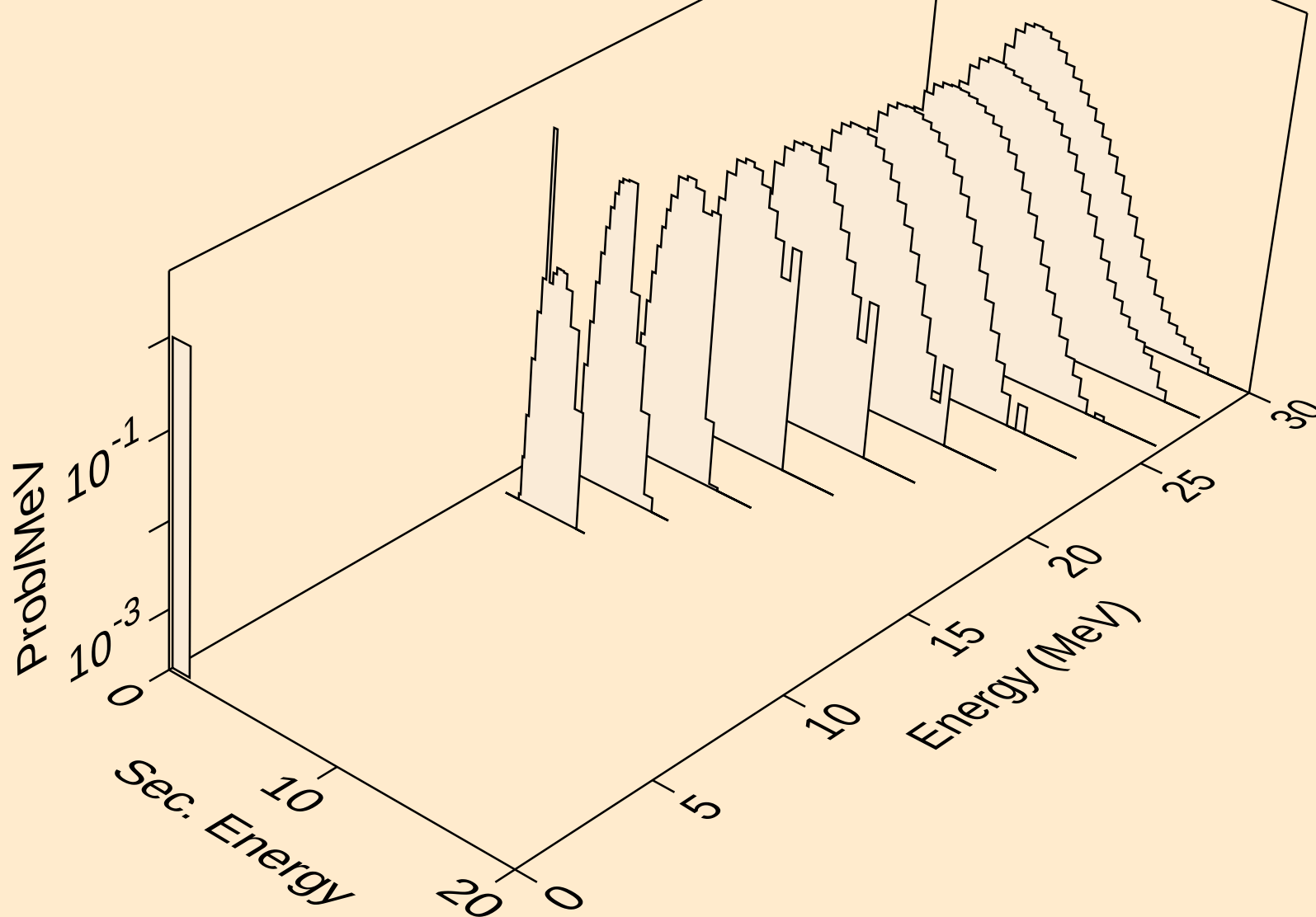
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protons from (a,p)



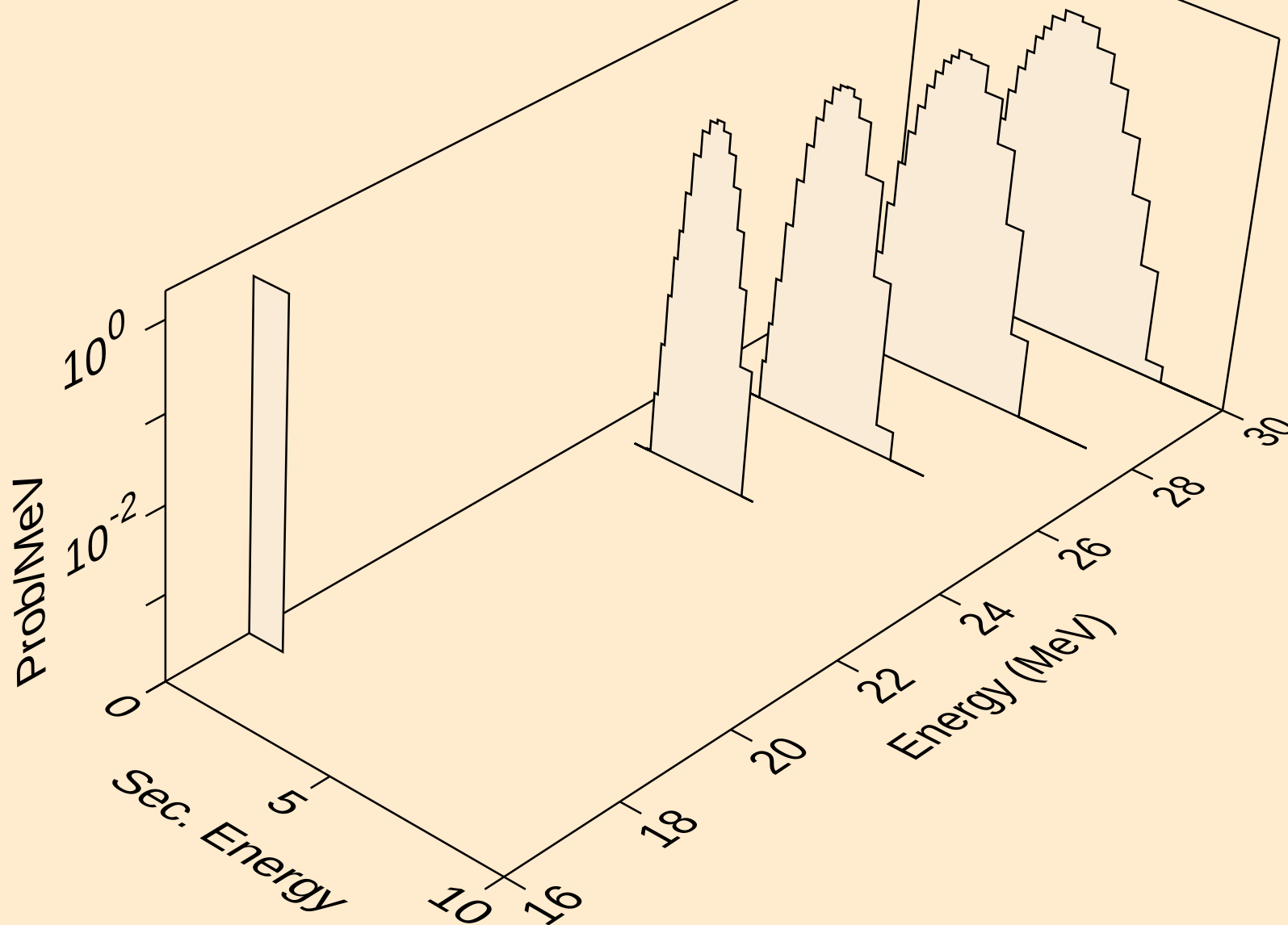
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protons from (a,2p)



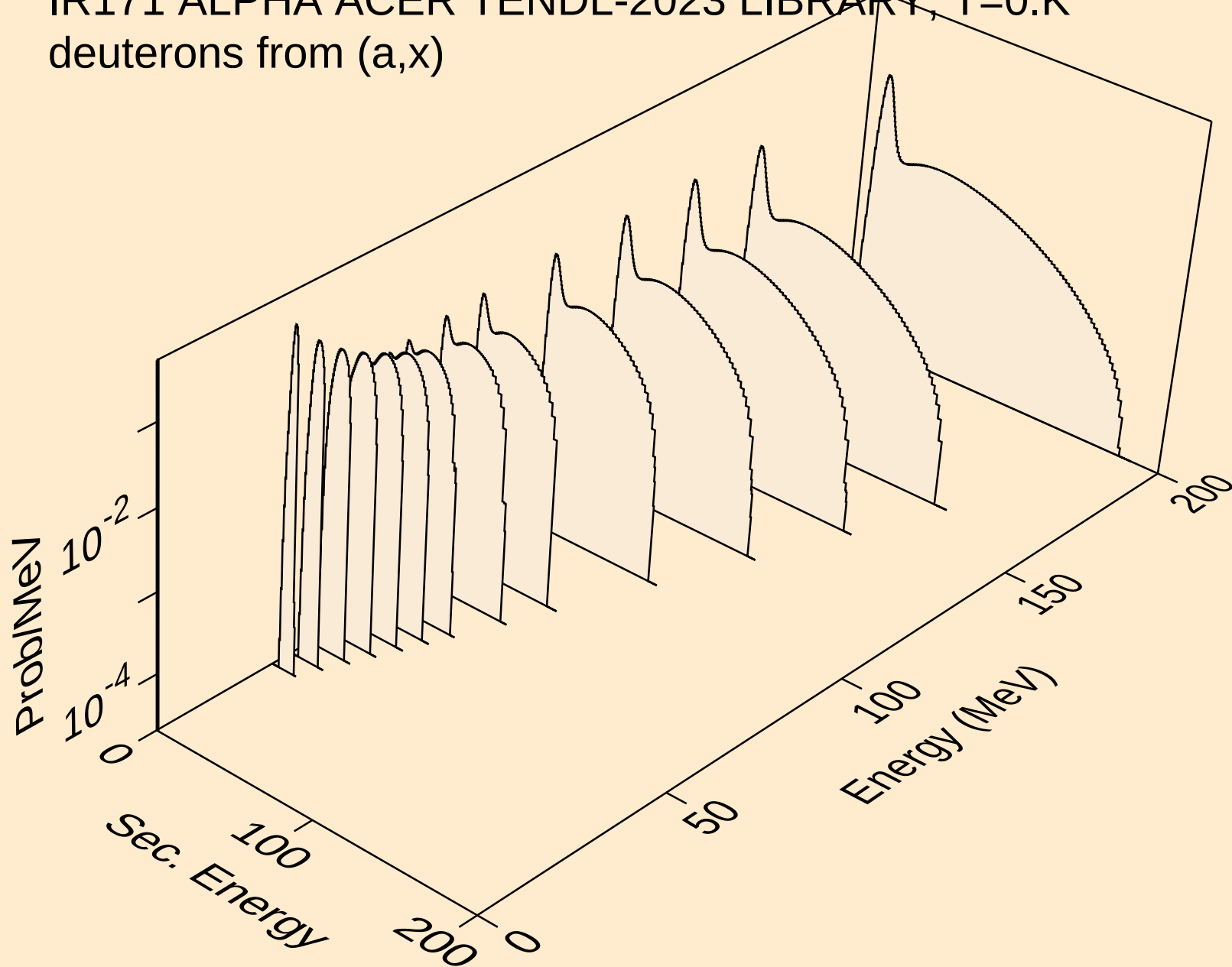
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protons from (a,pa)



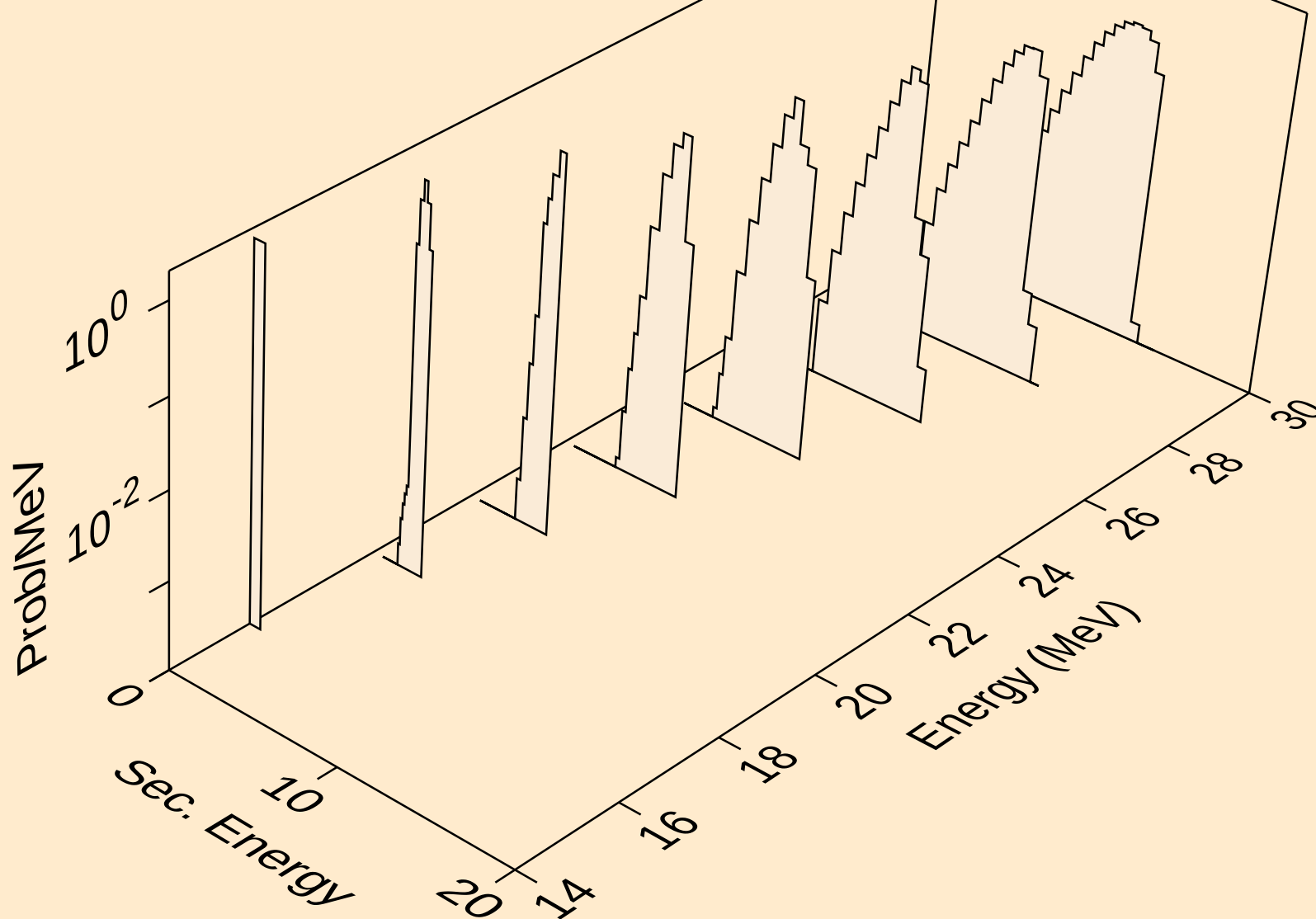
IR171 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
protons from (a,pd)



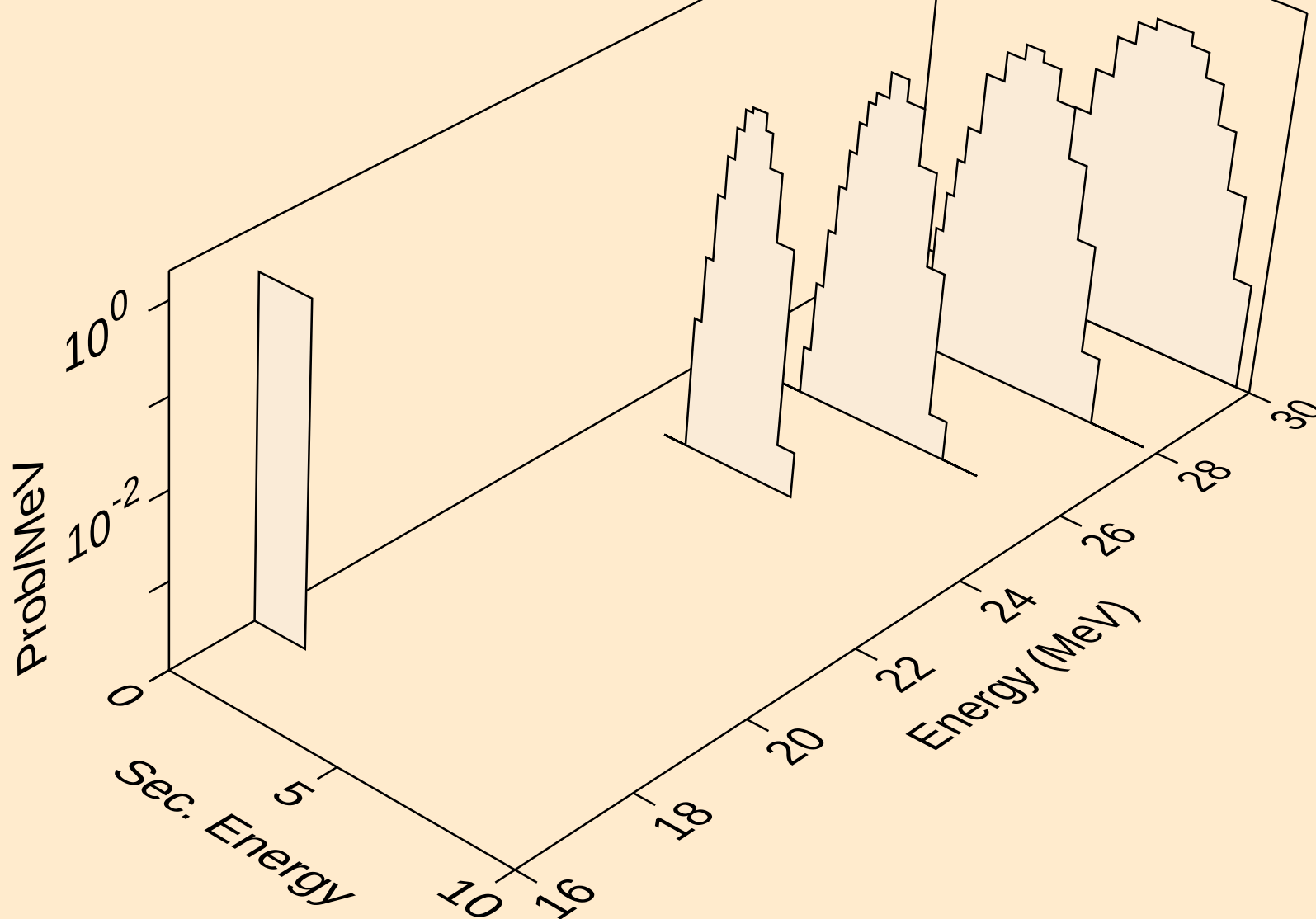
IR171 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (a,x)



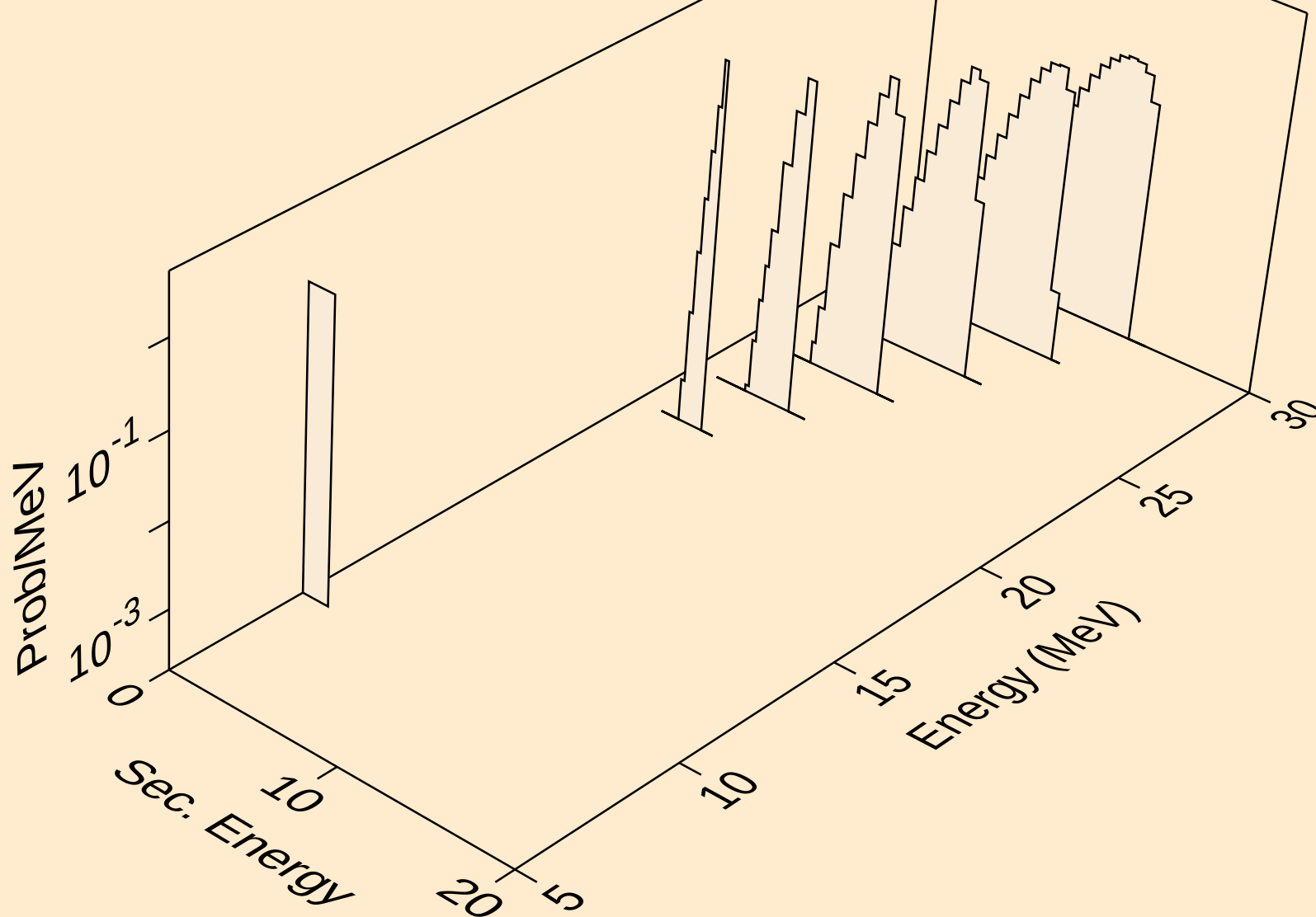
IR171 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (a,d)



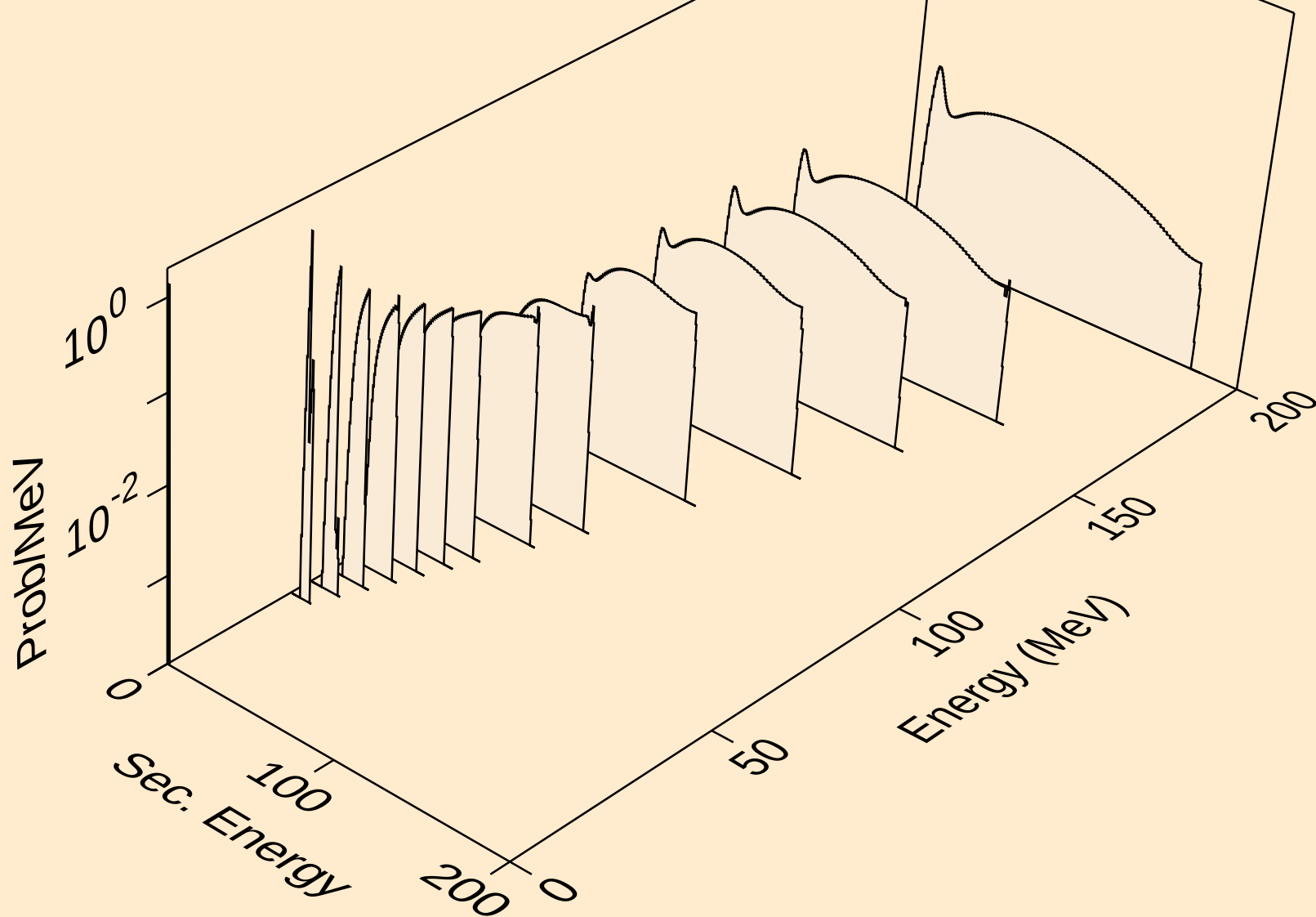
IR171 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (a,pd)



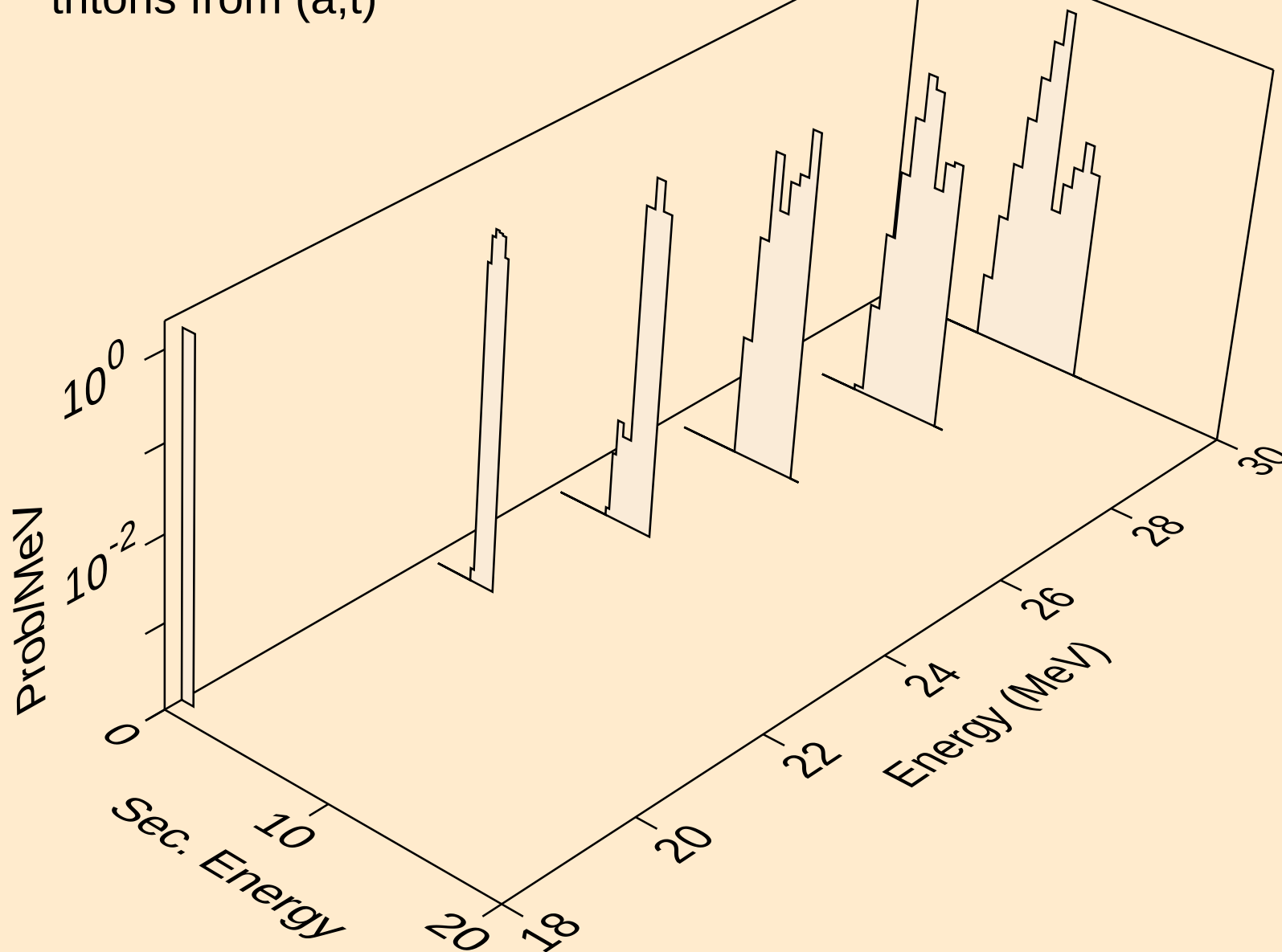
IR171 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (a,da)



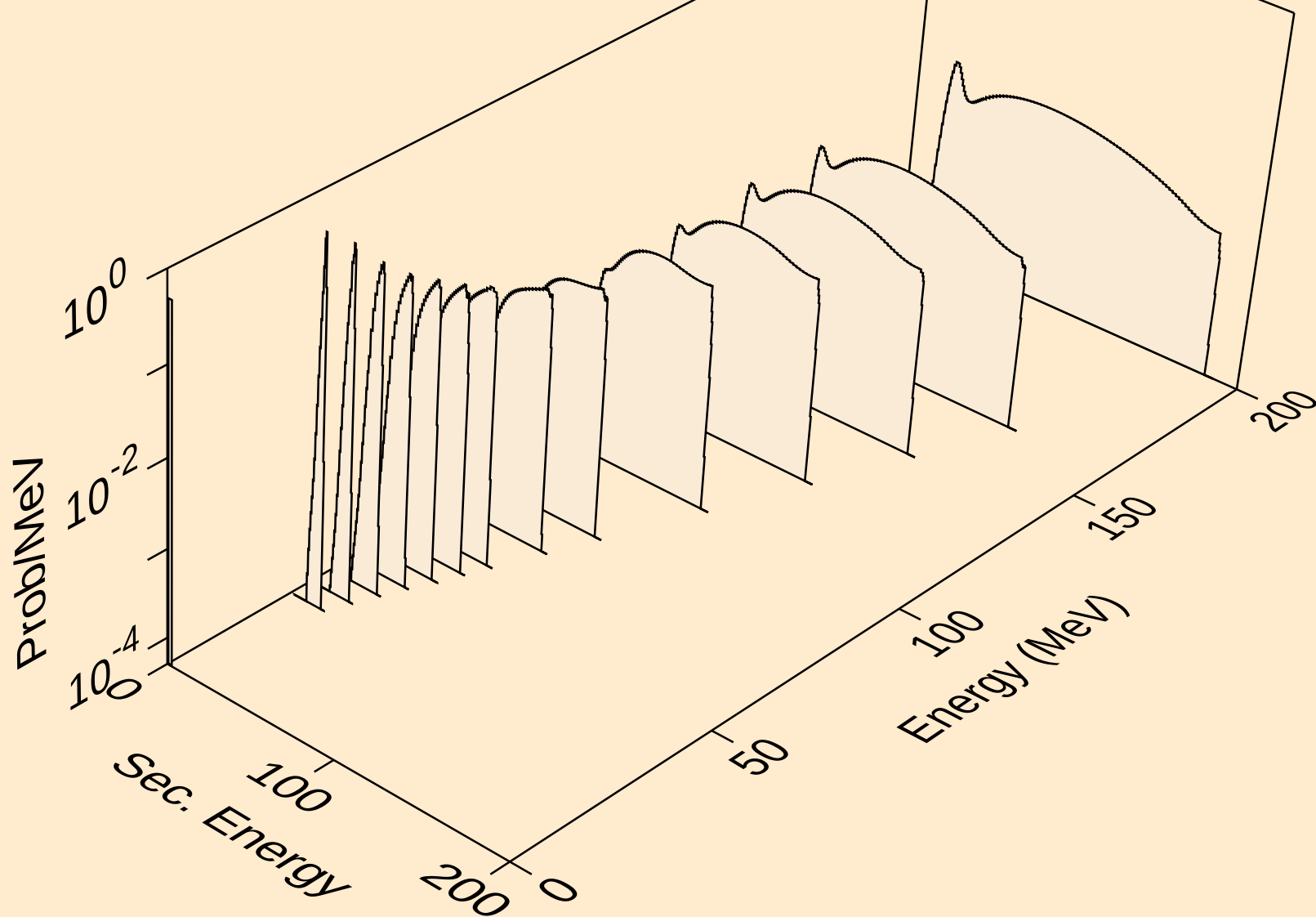
IR171 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
tritons from (a,x)



IR171 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
tritons from (a,t)



IR171 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
he3s from (a,x)



IR171 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
he3s from (a,he3)

