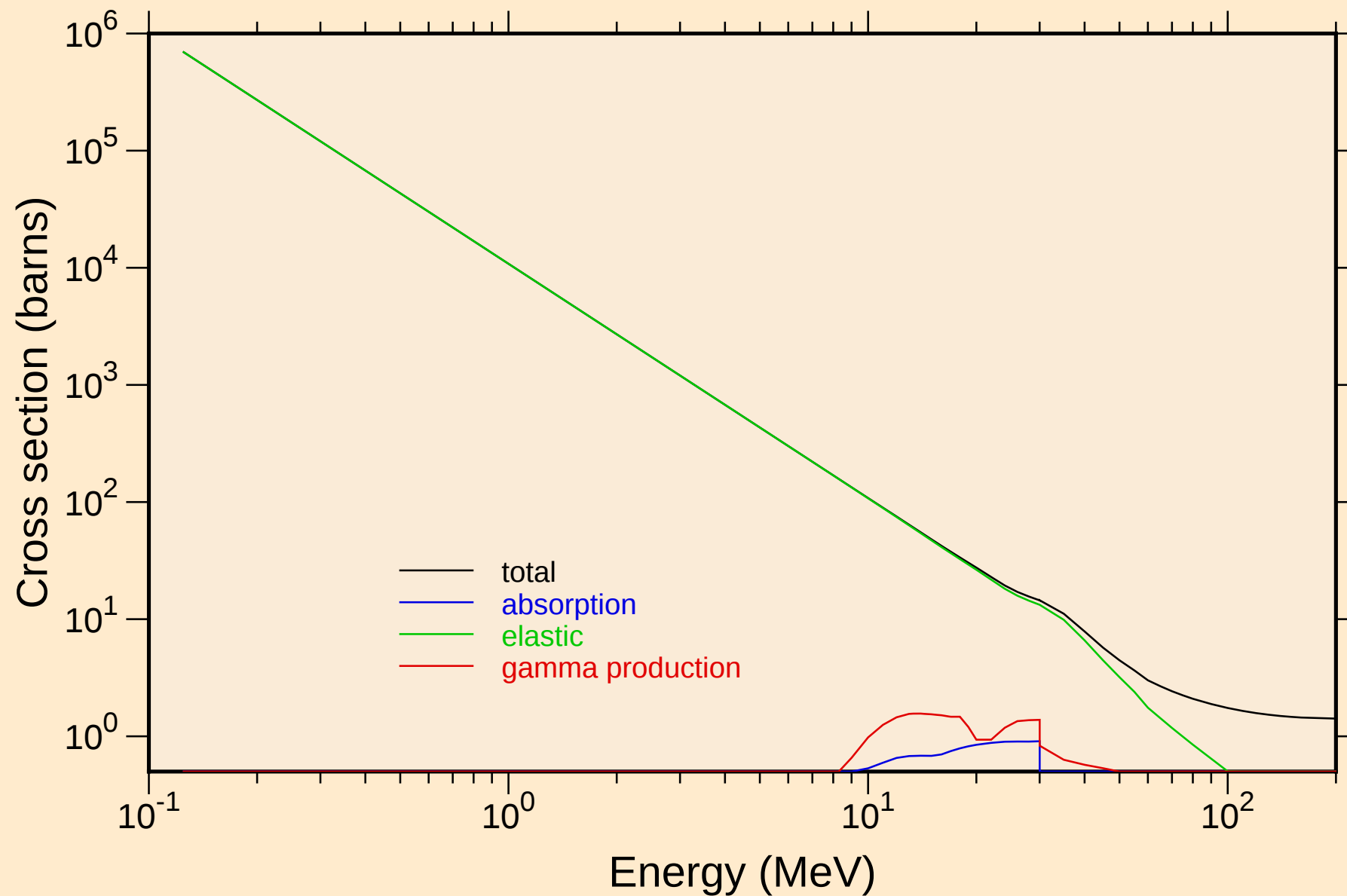


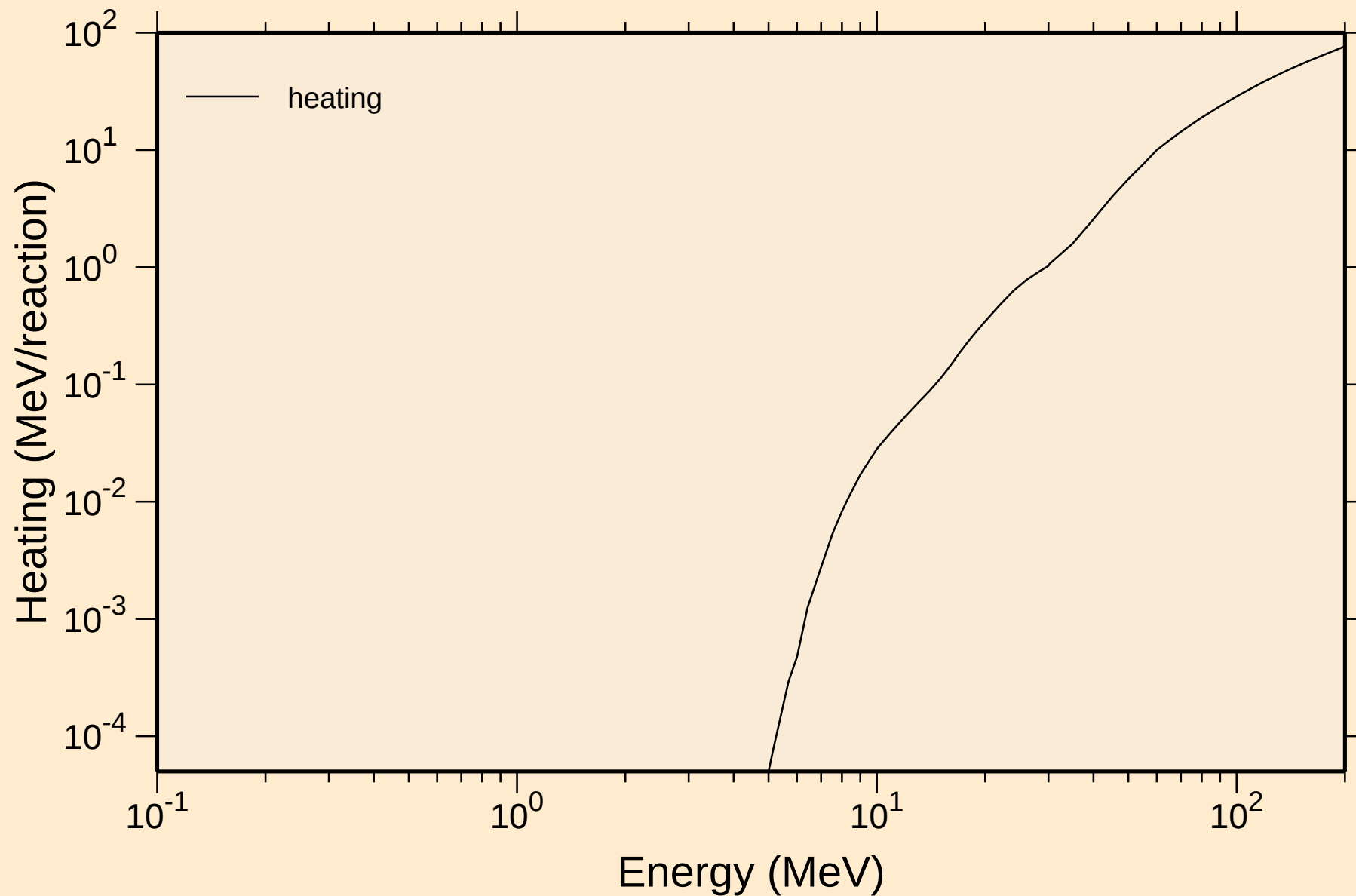
K038 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



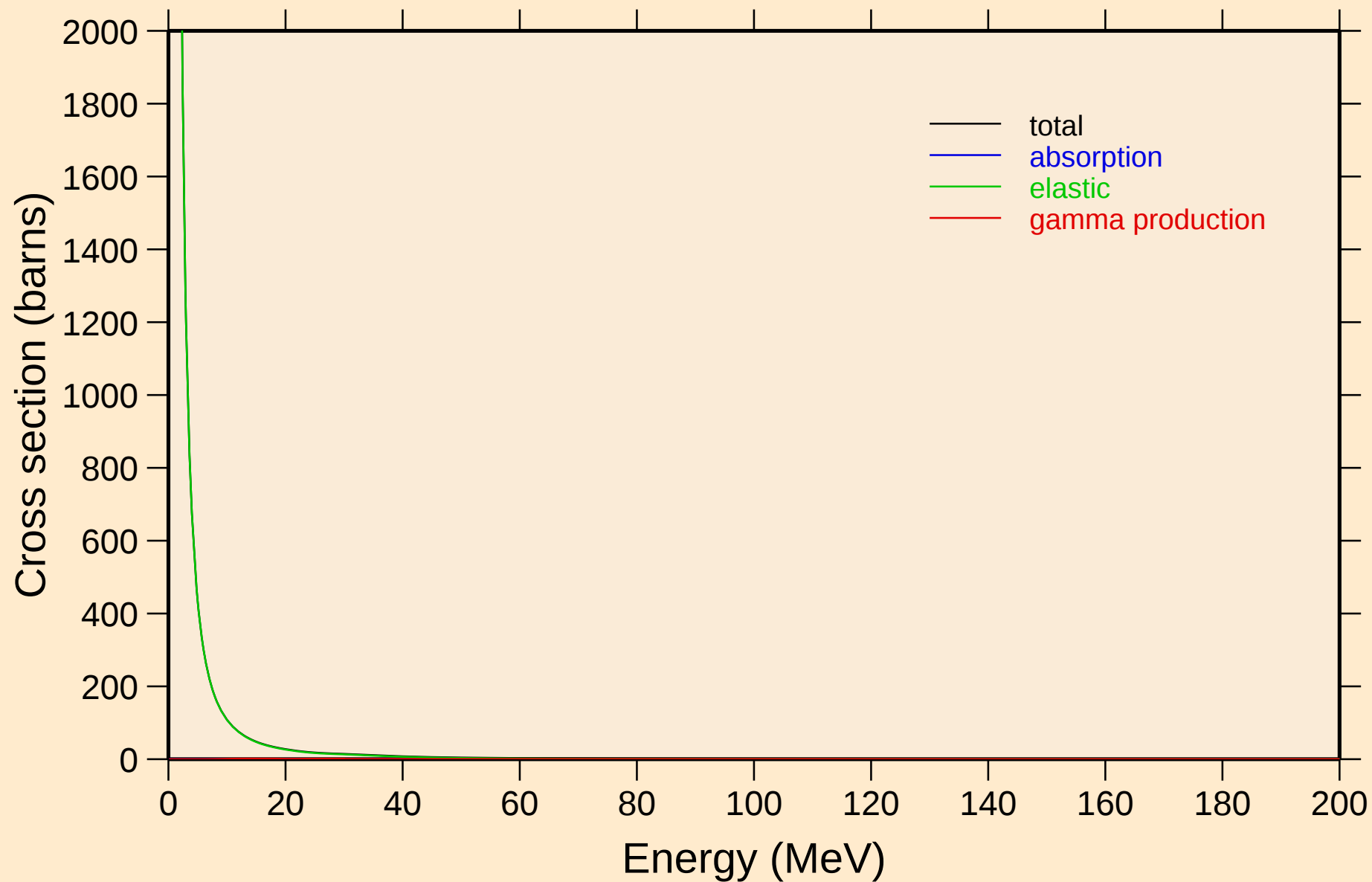
K038 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating



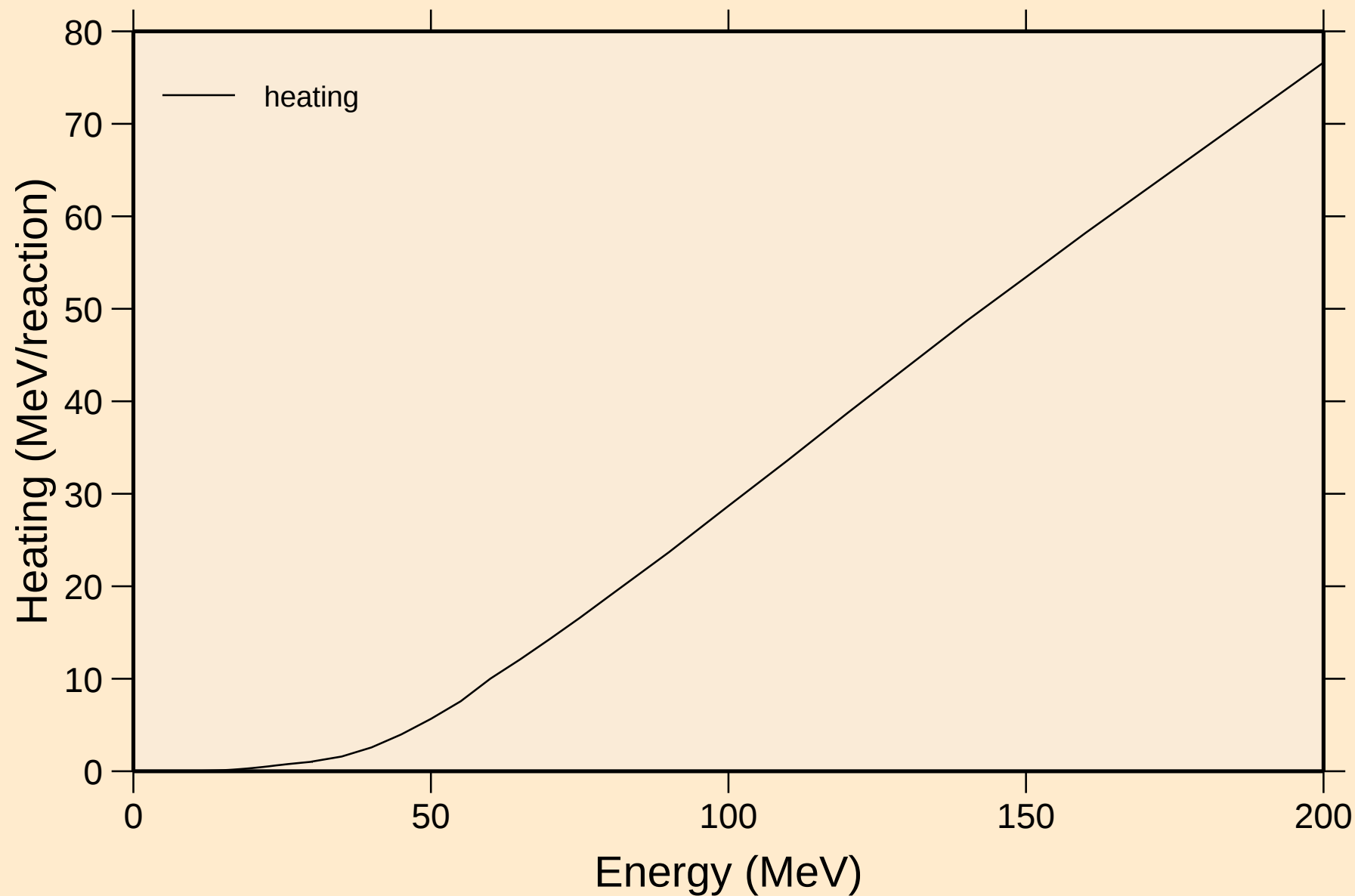
K038 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



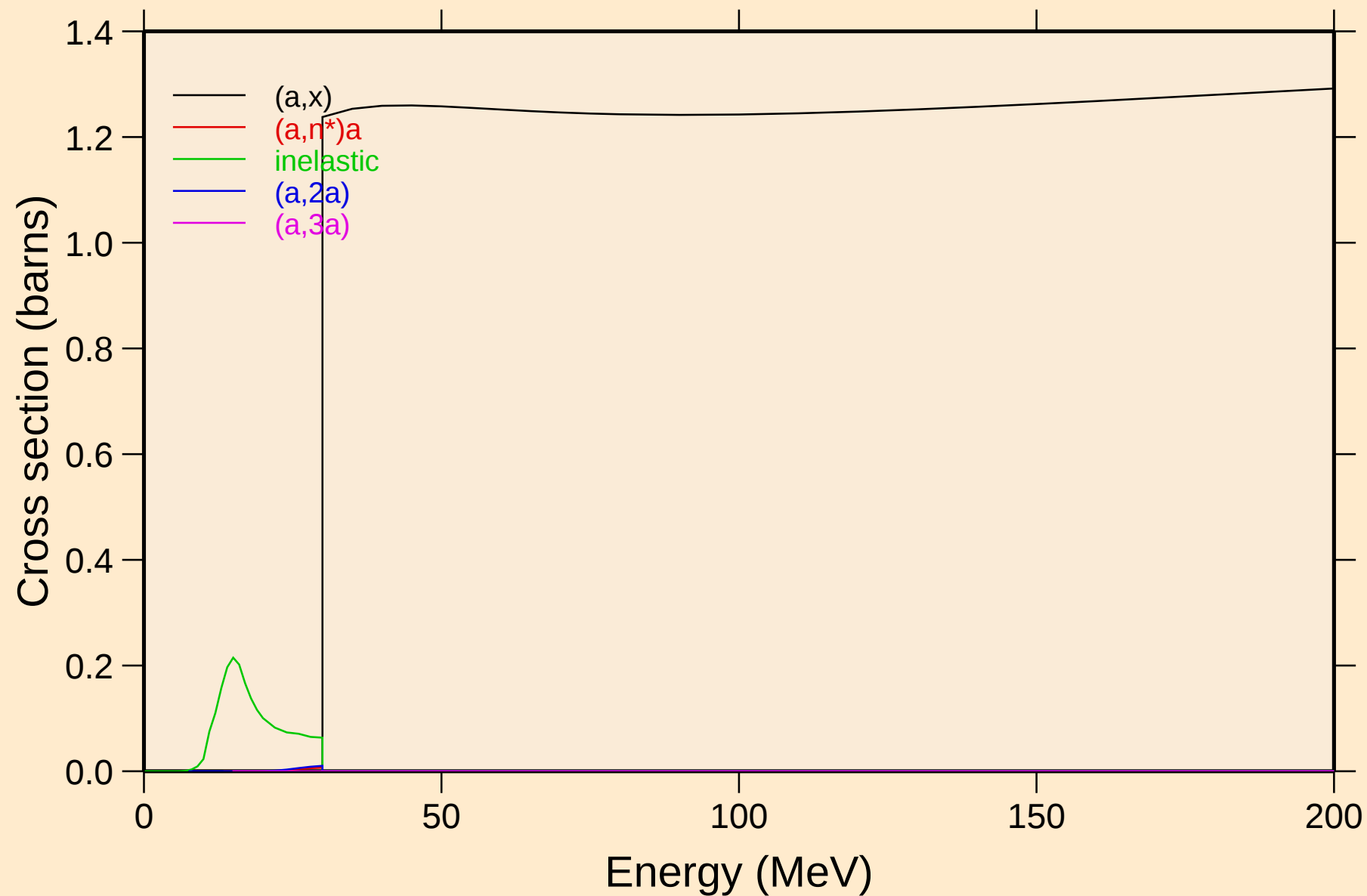
K038 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating



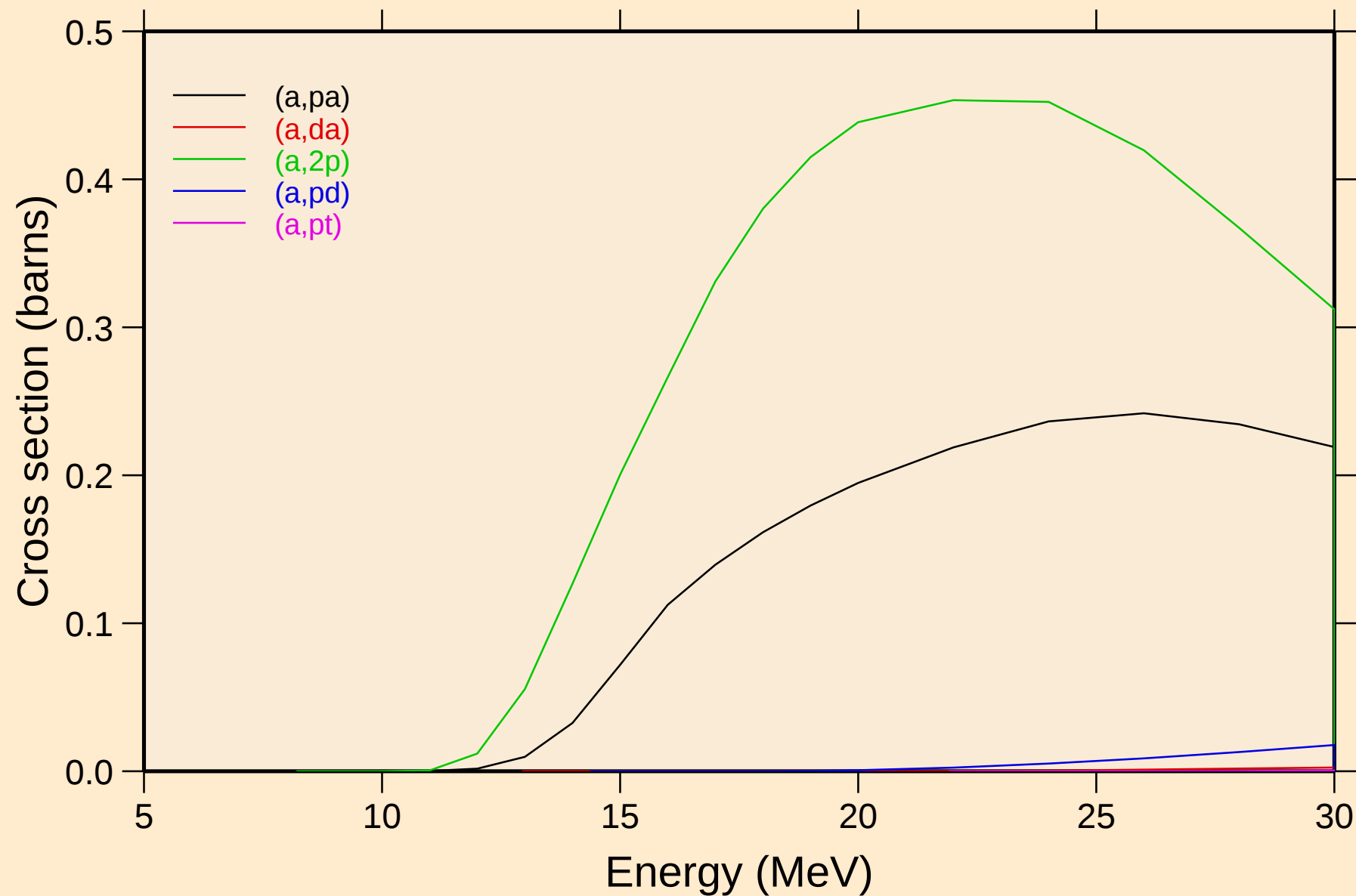
K038 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



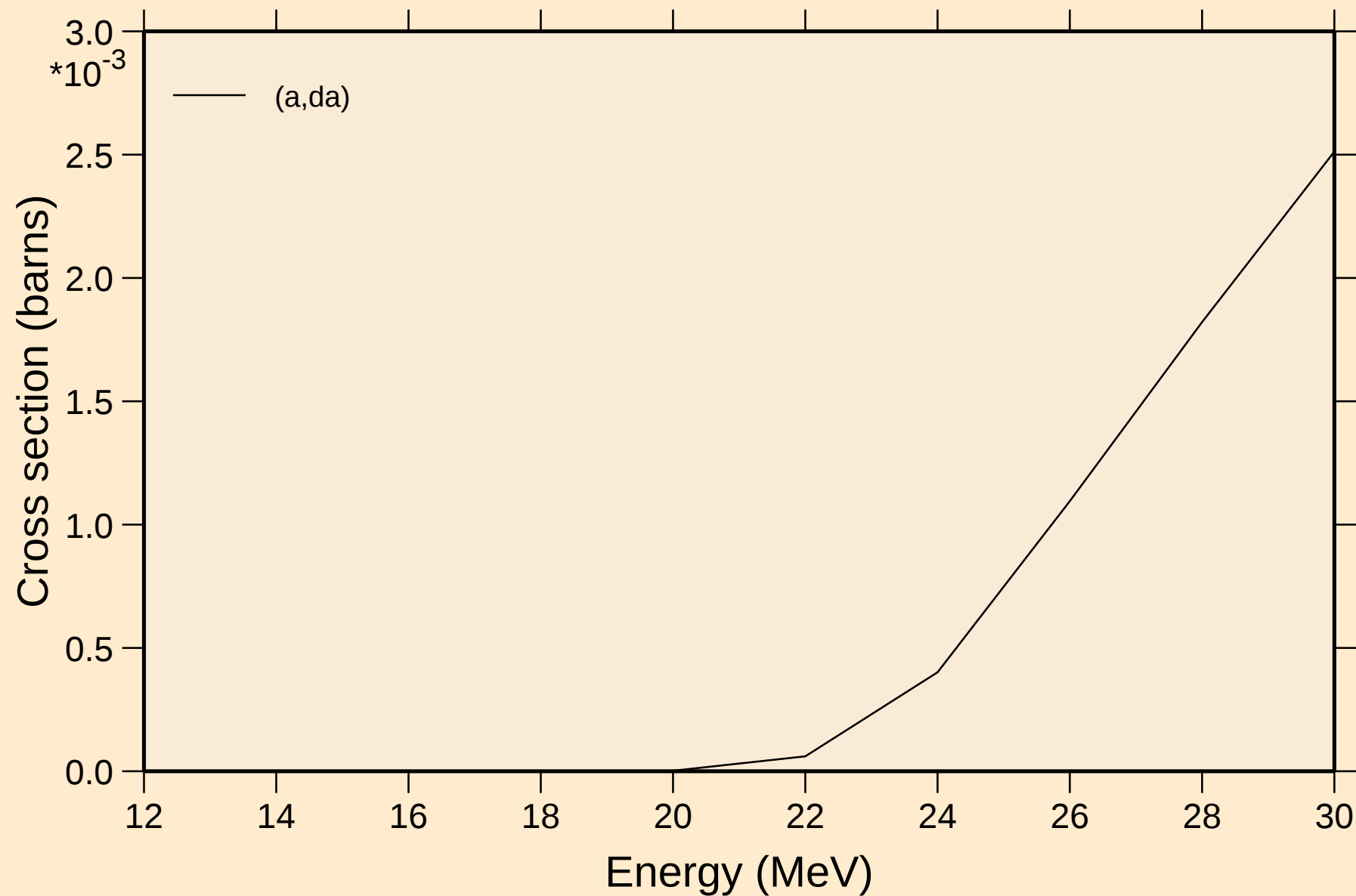
K038 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

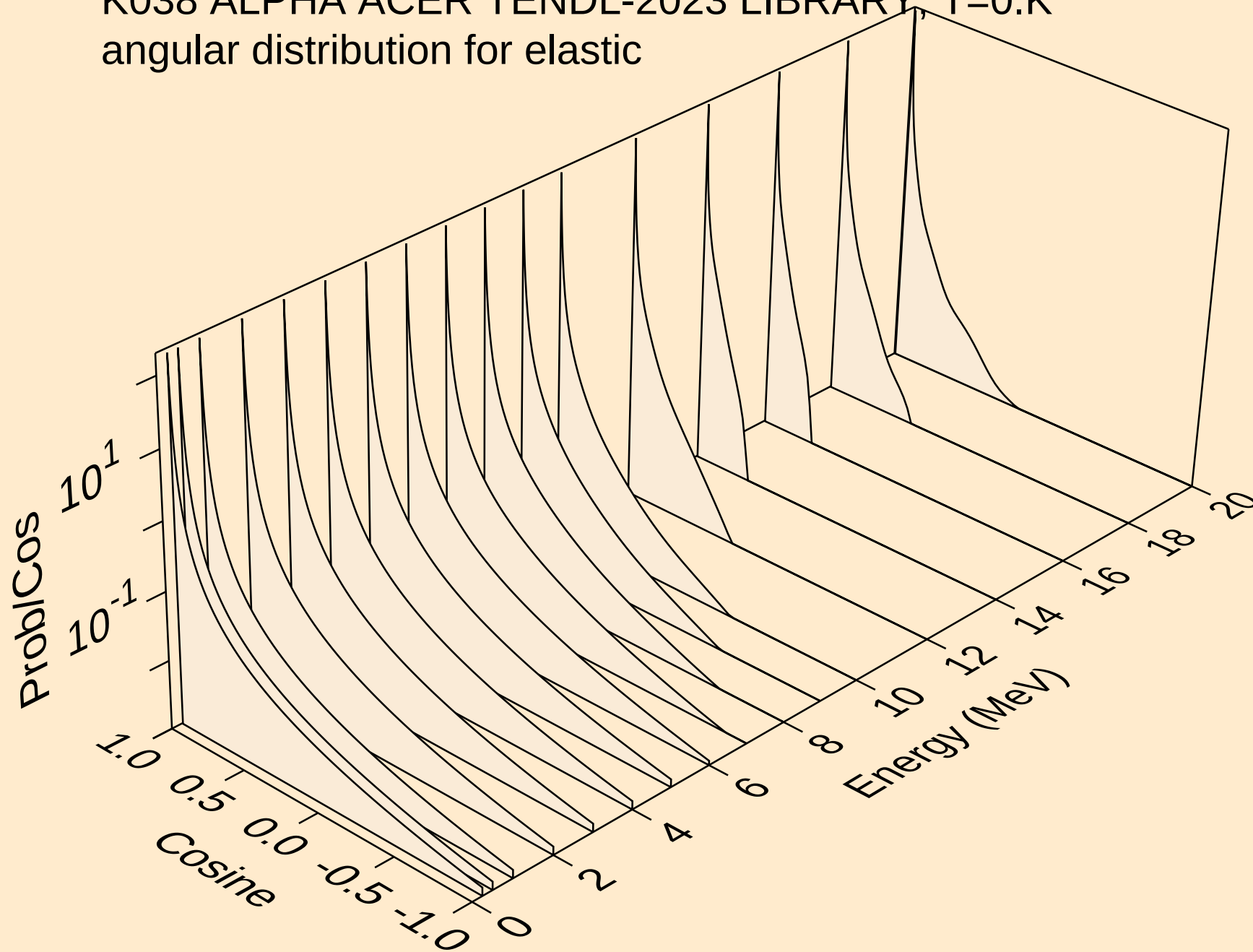


K038 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

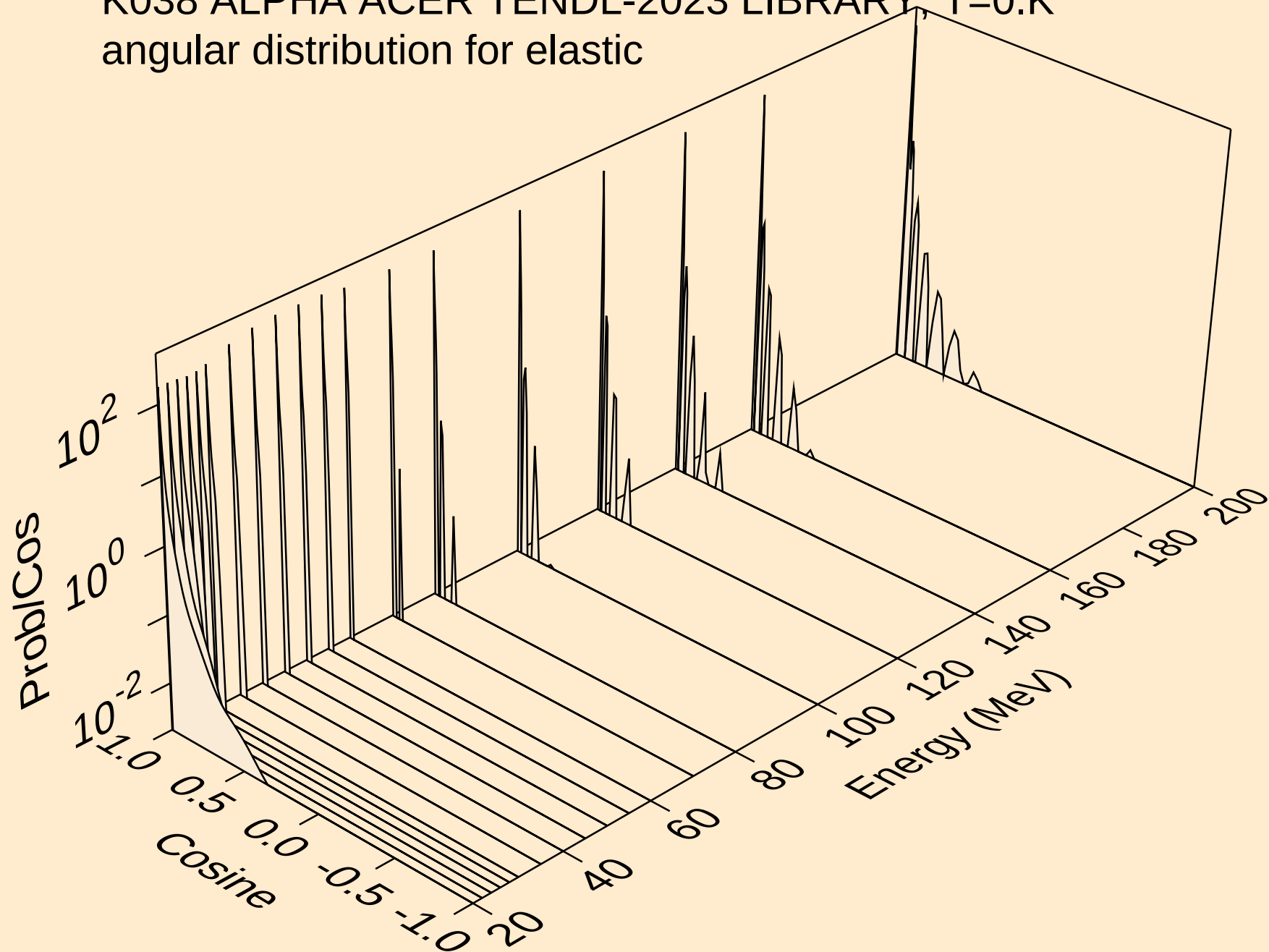
Threshold reactions



K038 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic

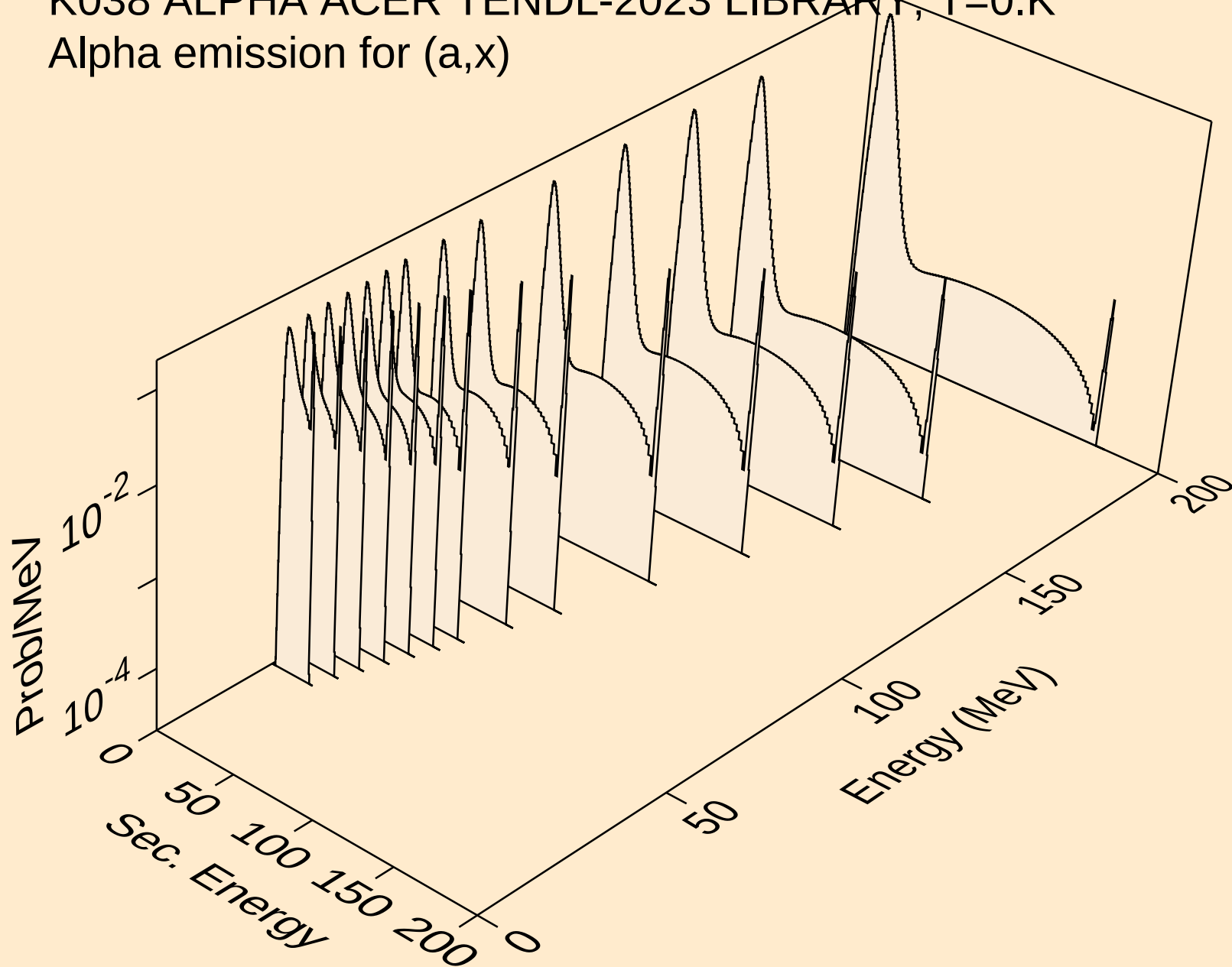


K038 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



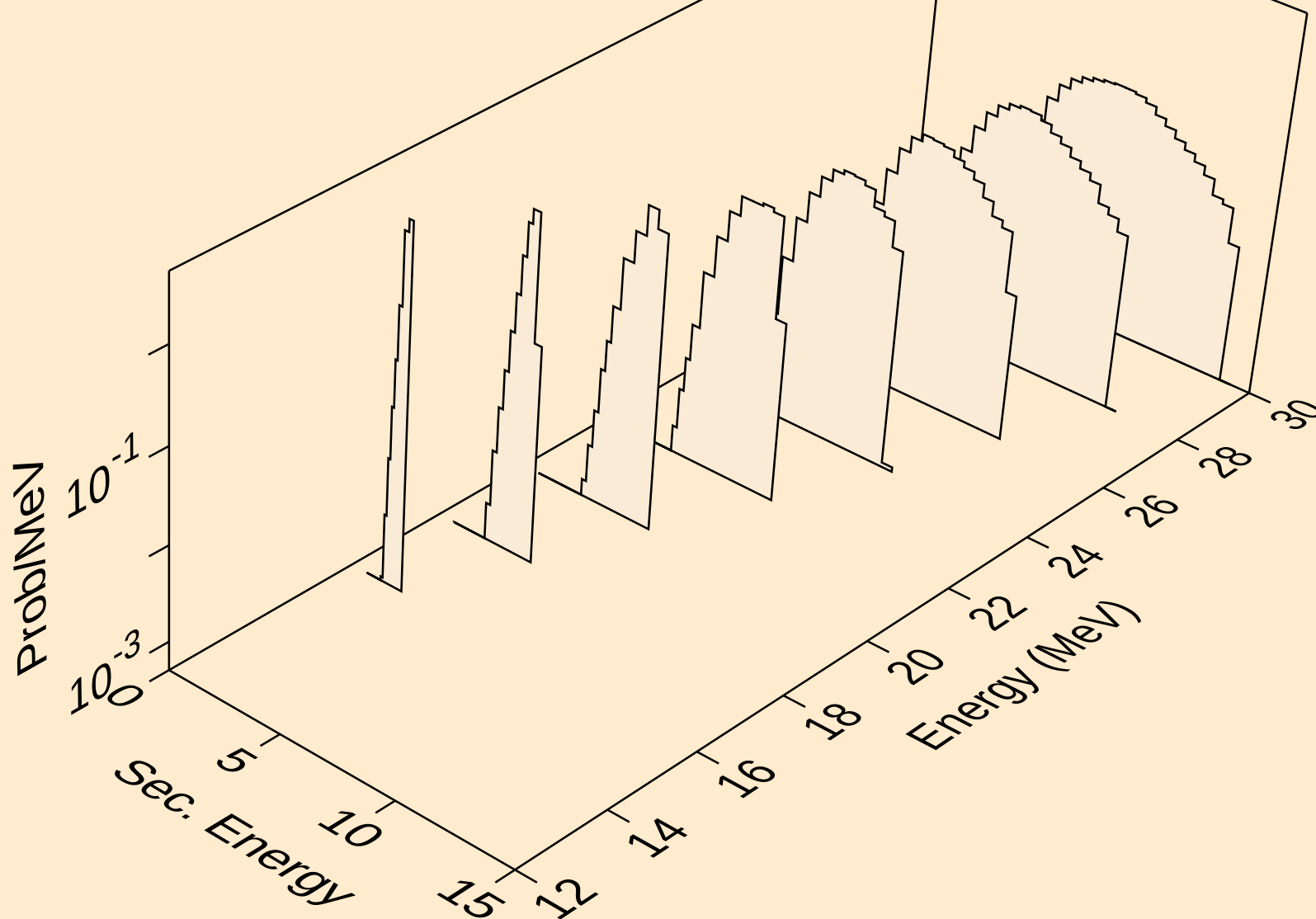
K038 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,x)



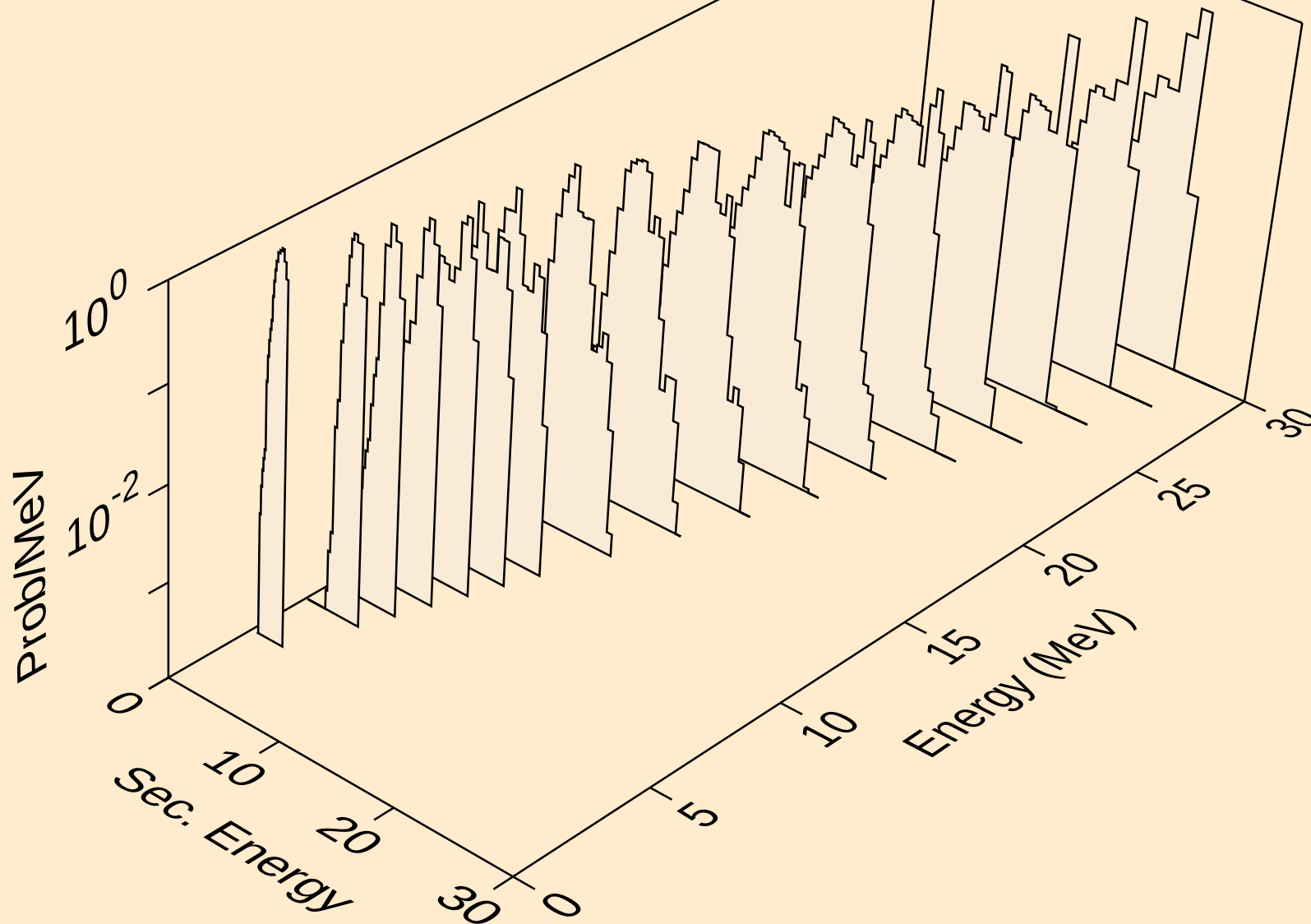
K038 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,n*)a



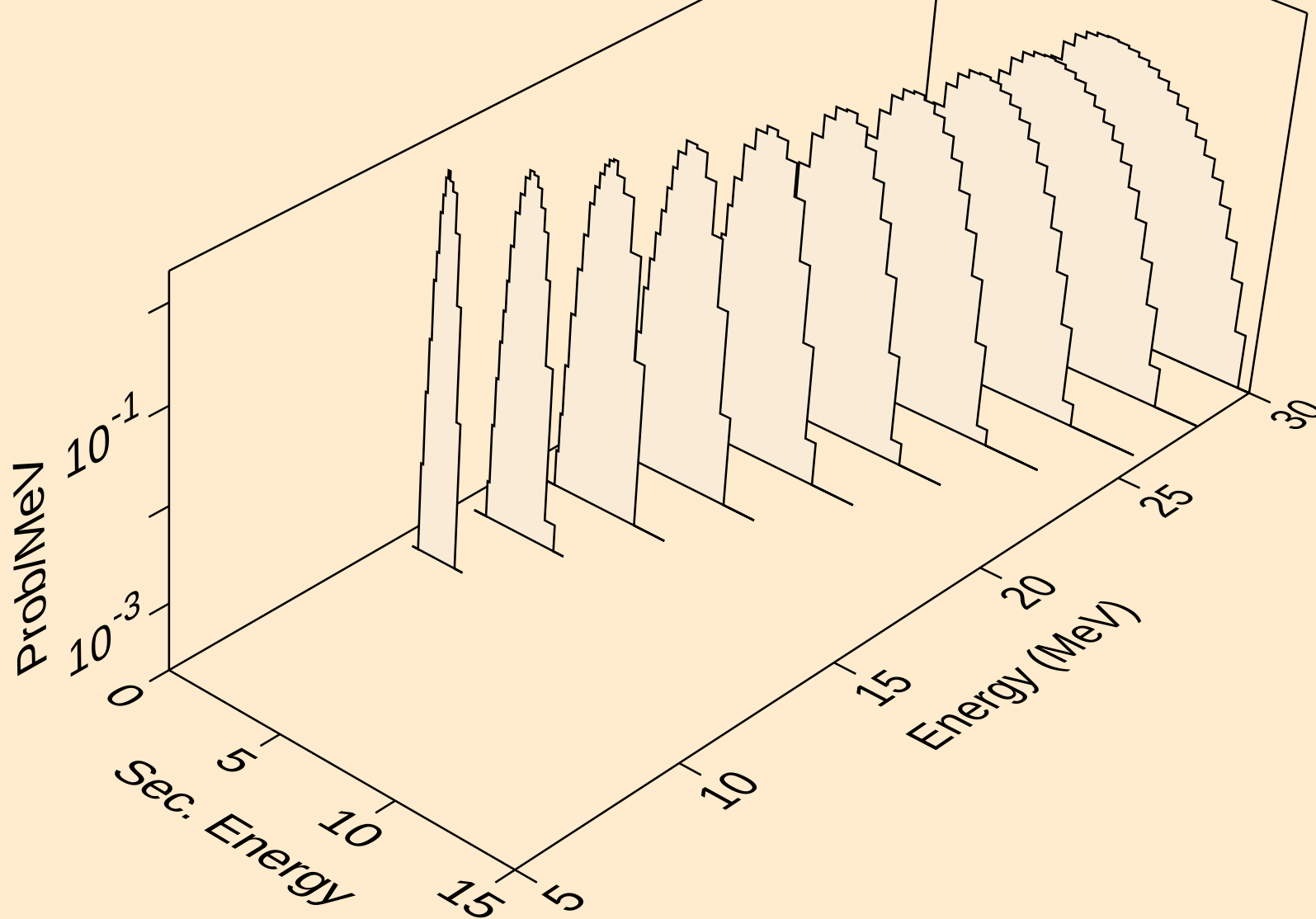
K038 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for inelastic



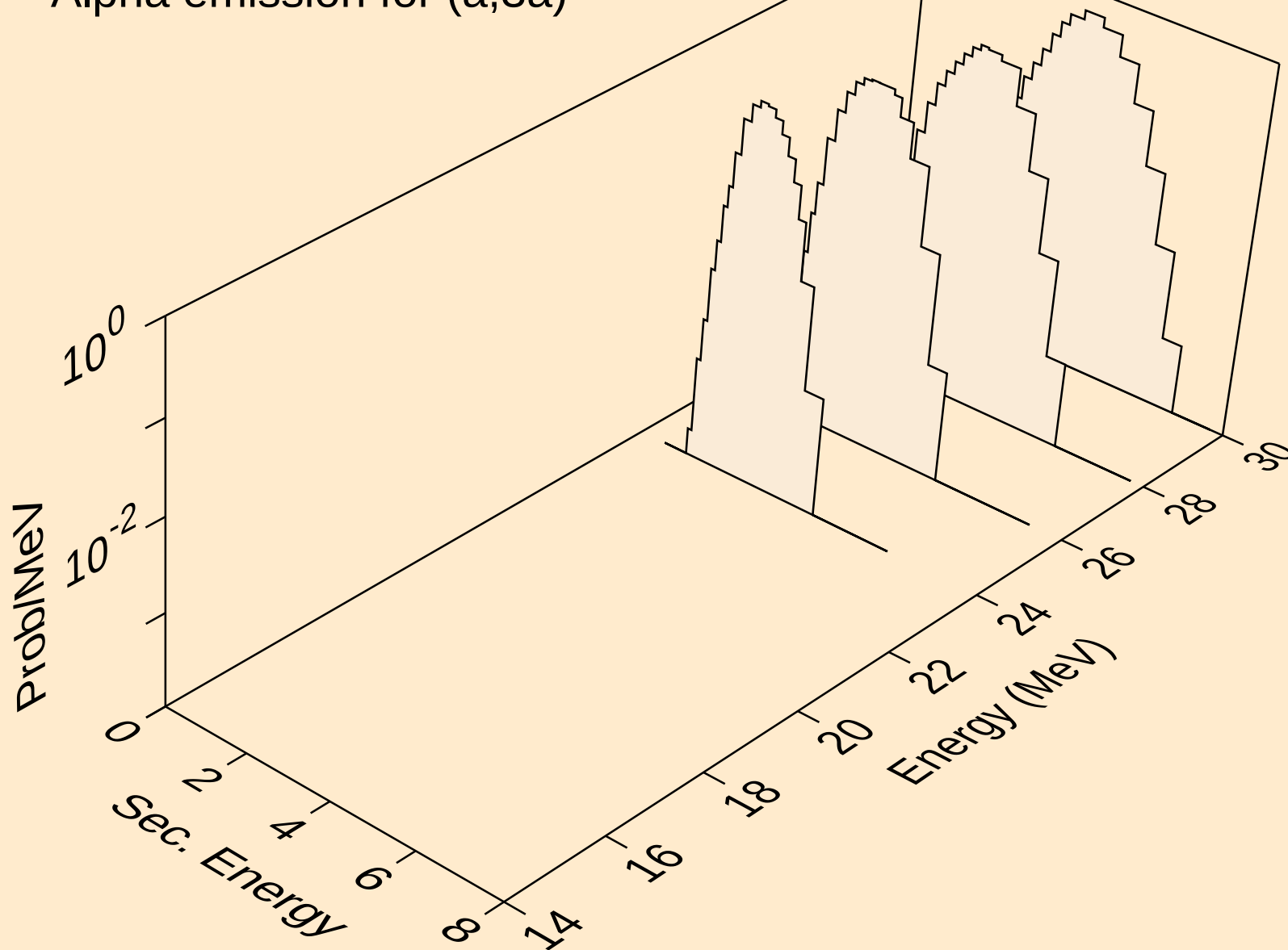
K038 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,2a)

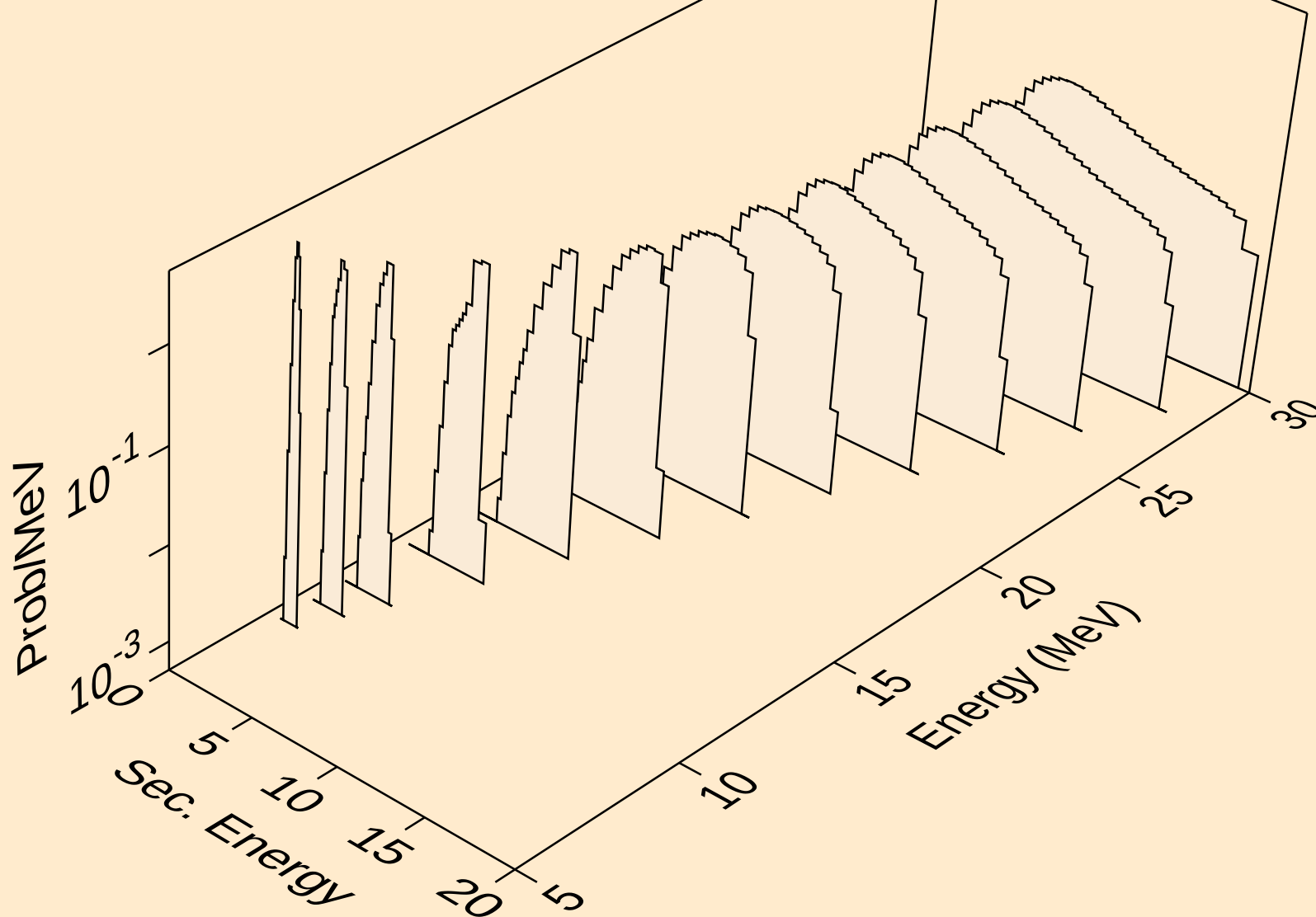


K038 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,3a)

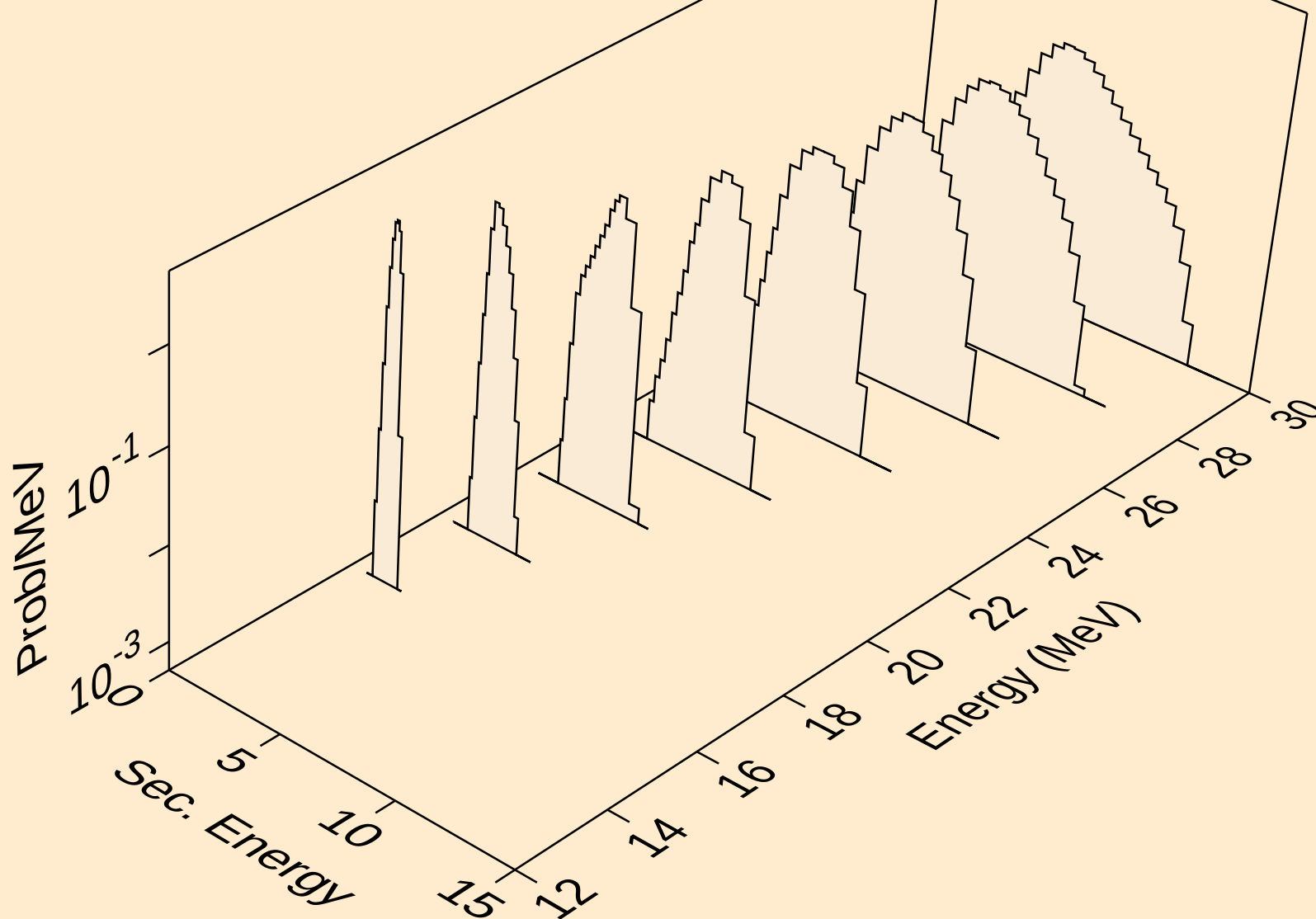


K038 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Alpha emission for (a,pa)

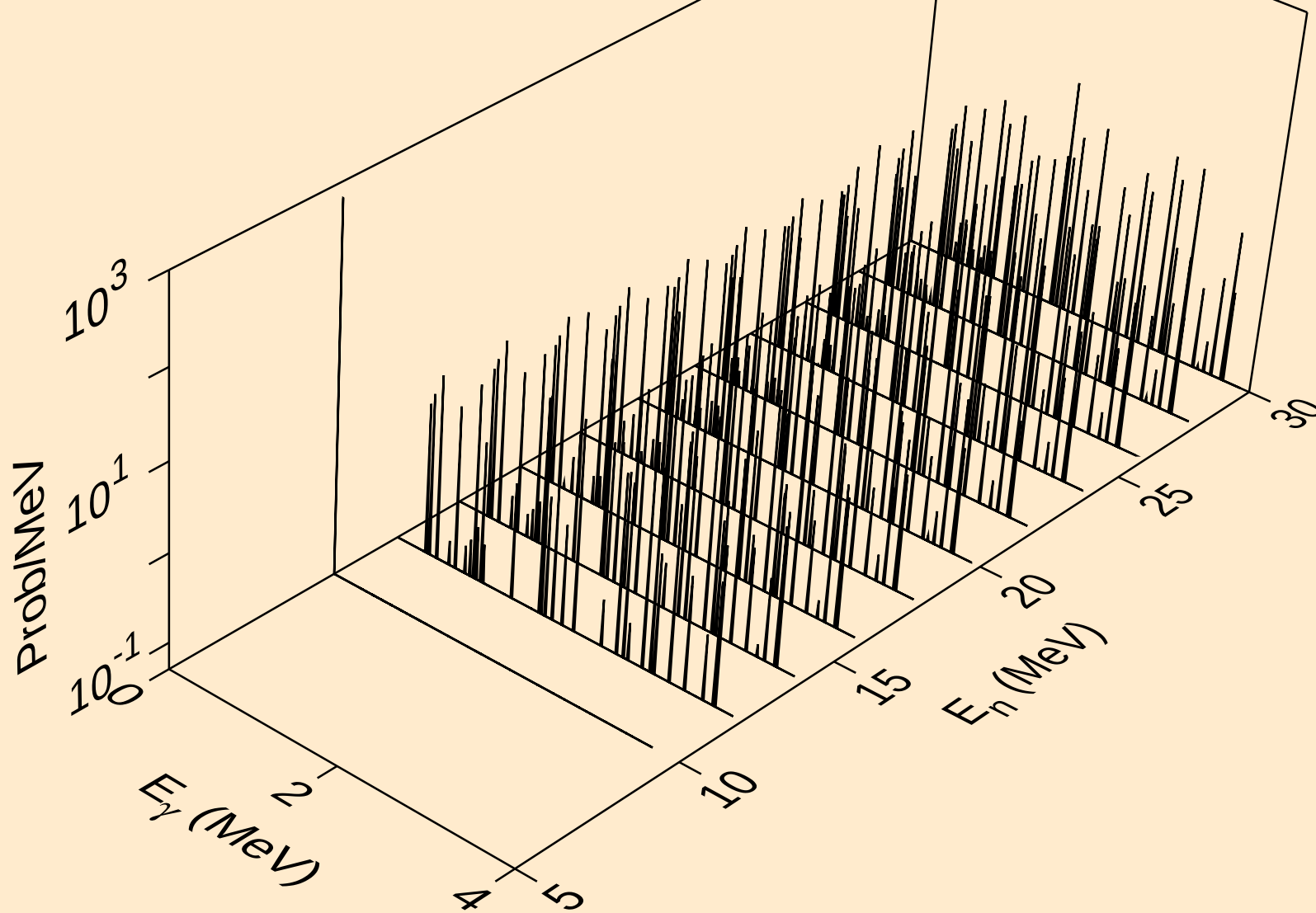


K038 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,da)

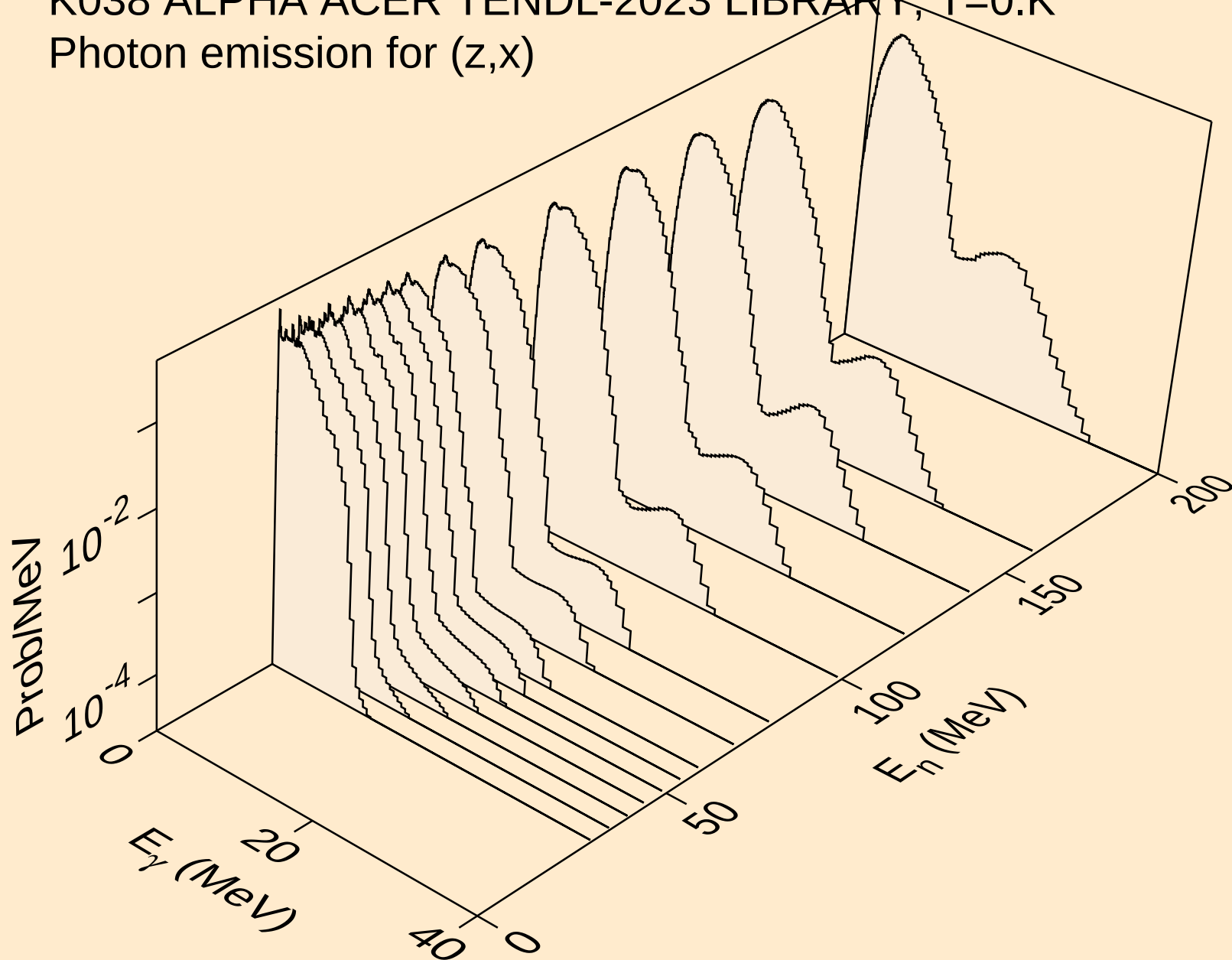


K038 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (z,n)

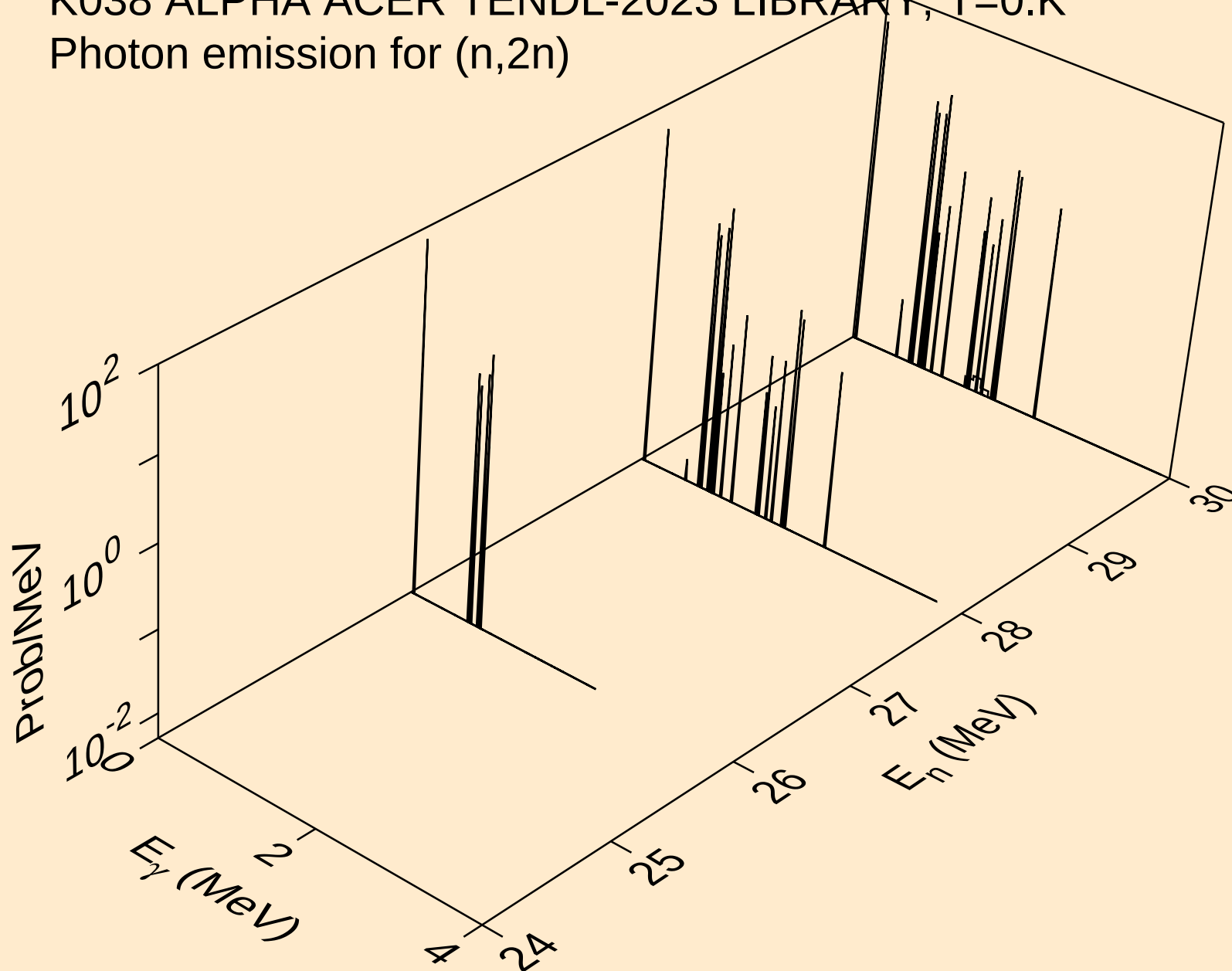


K038 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (z,x)

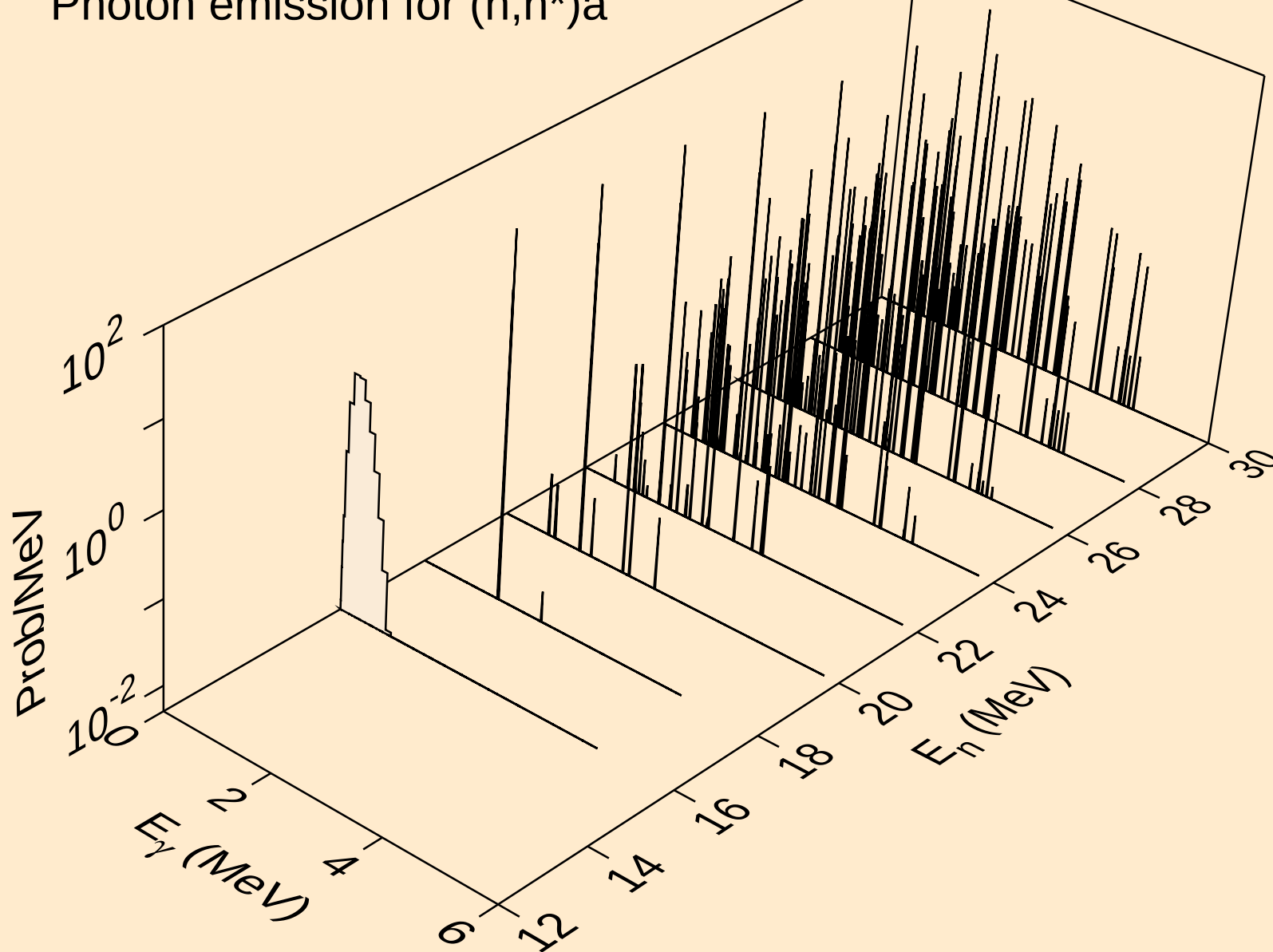


K038 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)



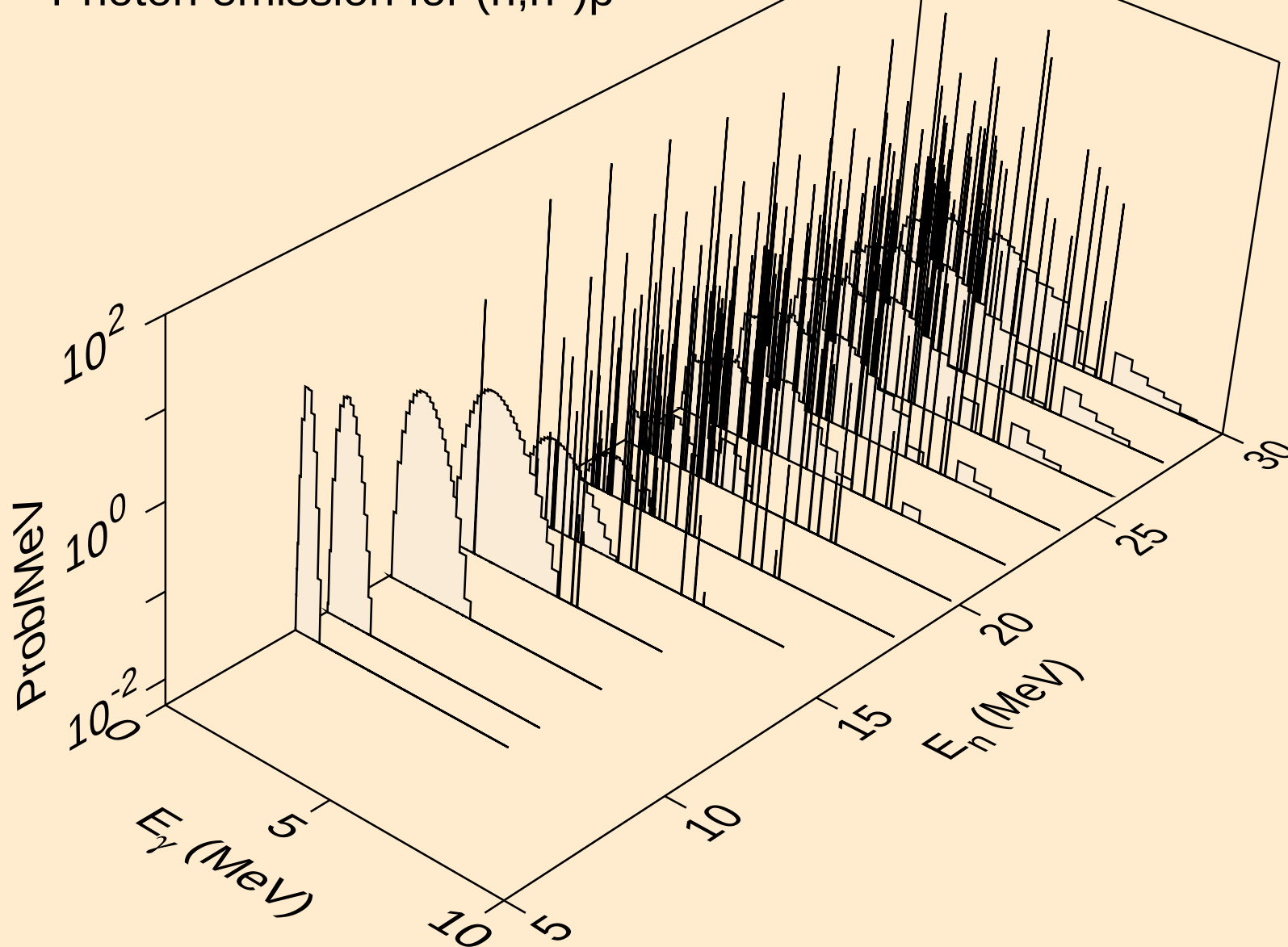
K038 ALPHA ACER TENDL-2023 LIBRARY; $T=0.K$

Photon emission for $(n,n^*)a$



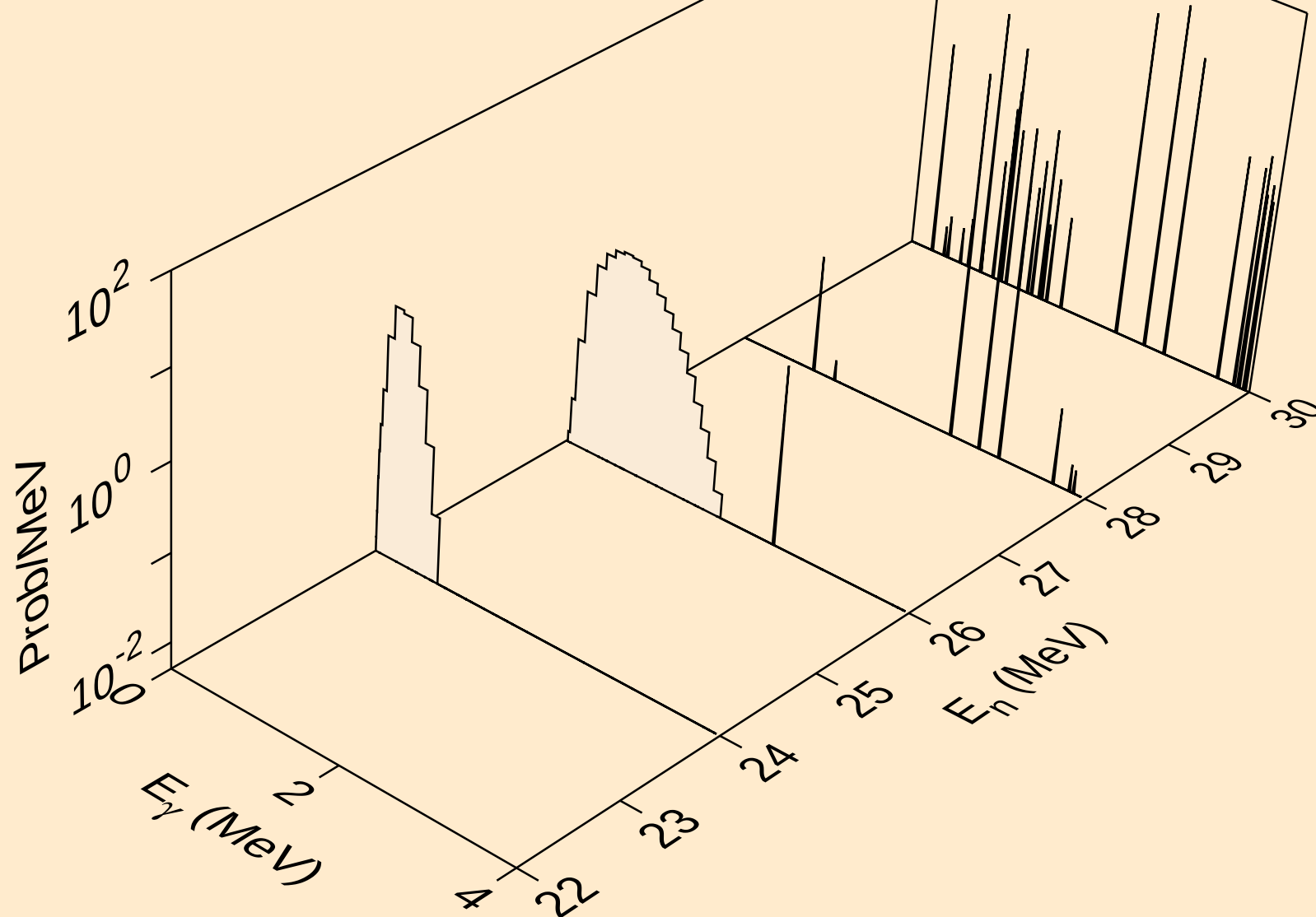
K038 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)p



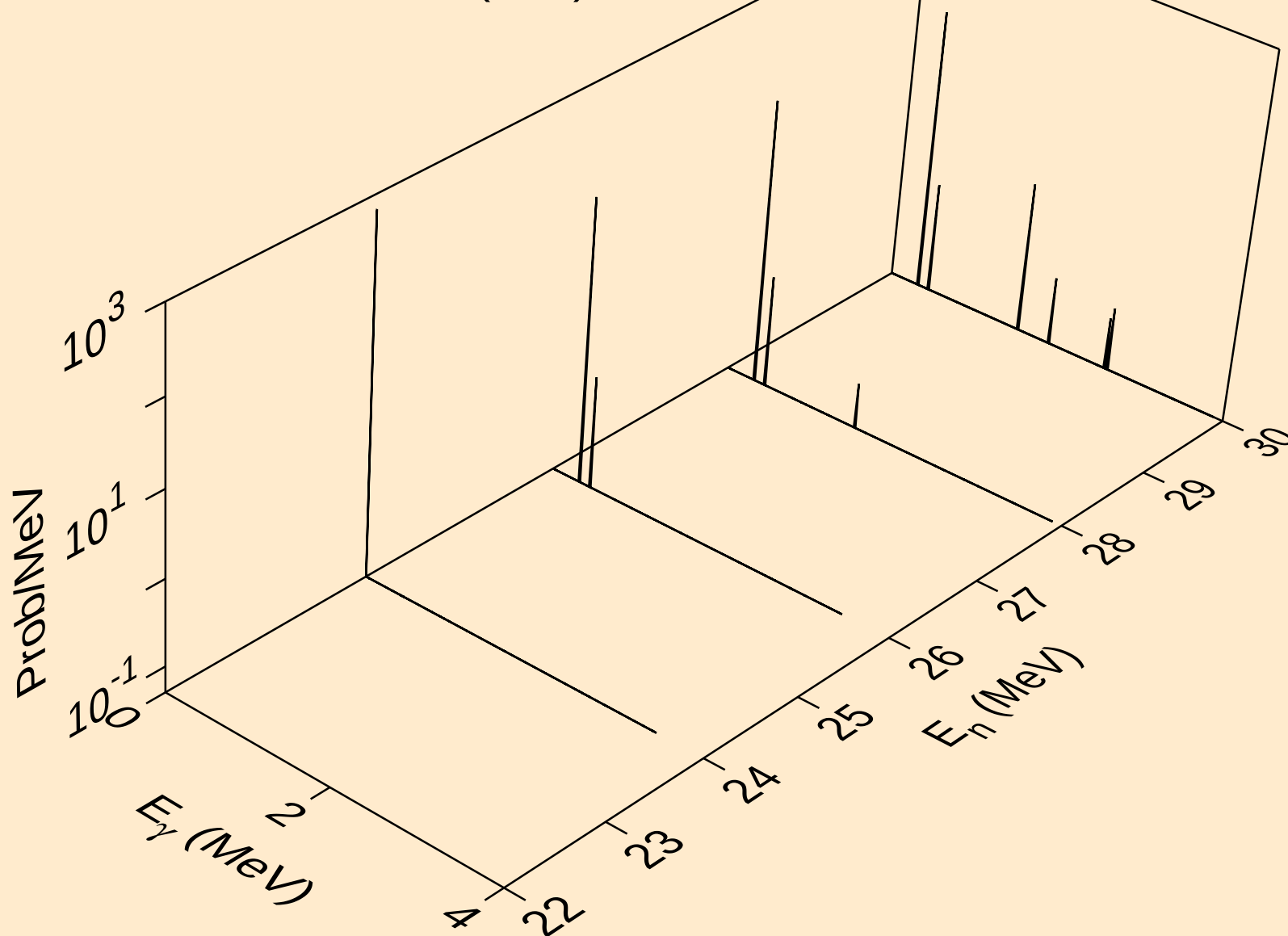
K038 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)d

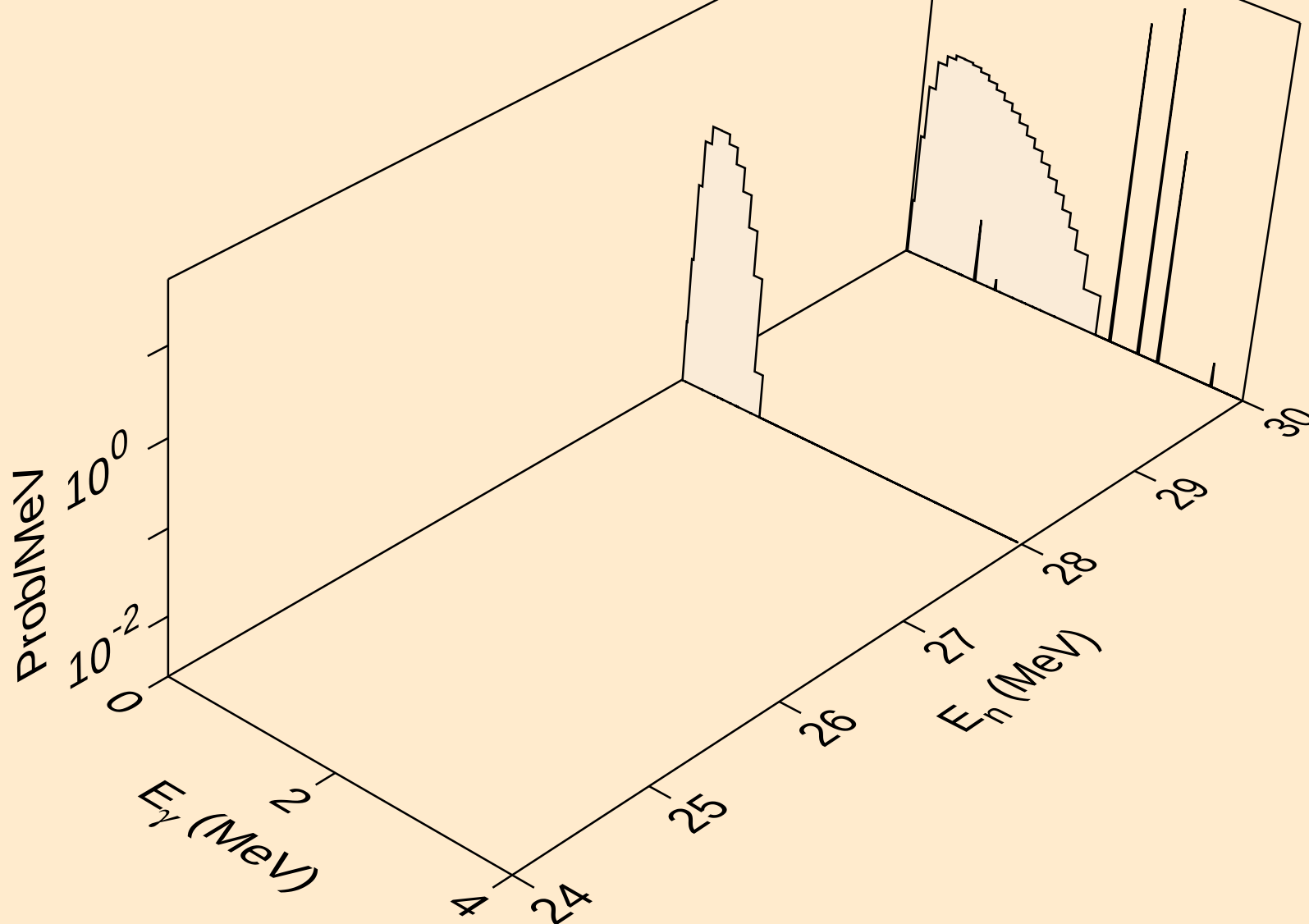


K038 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

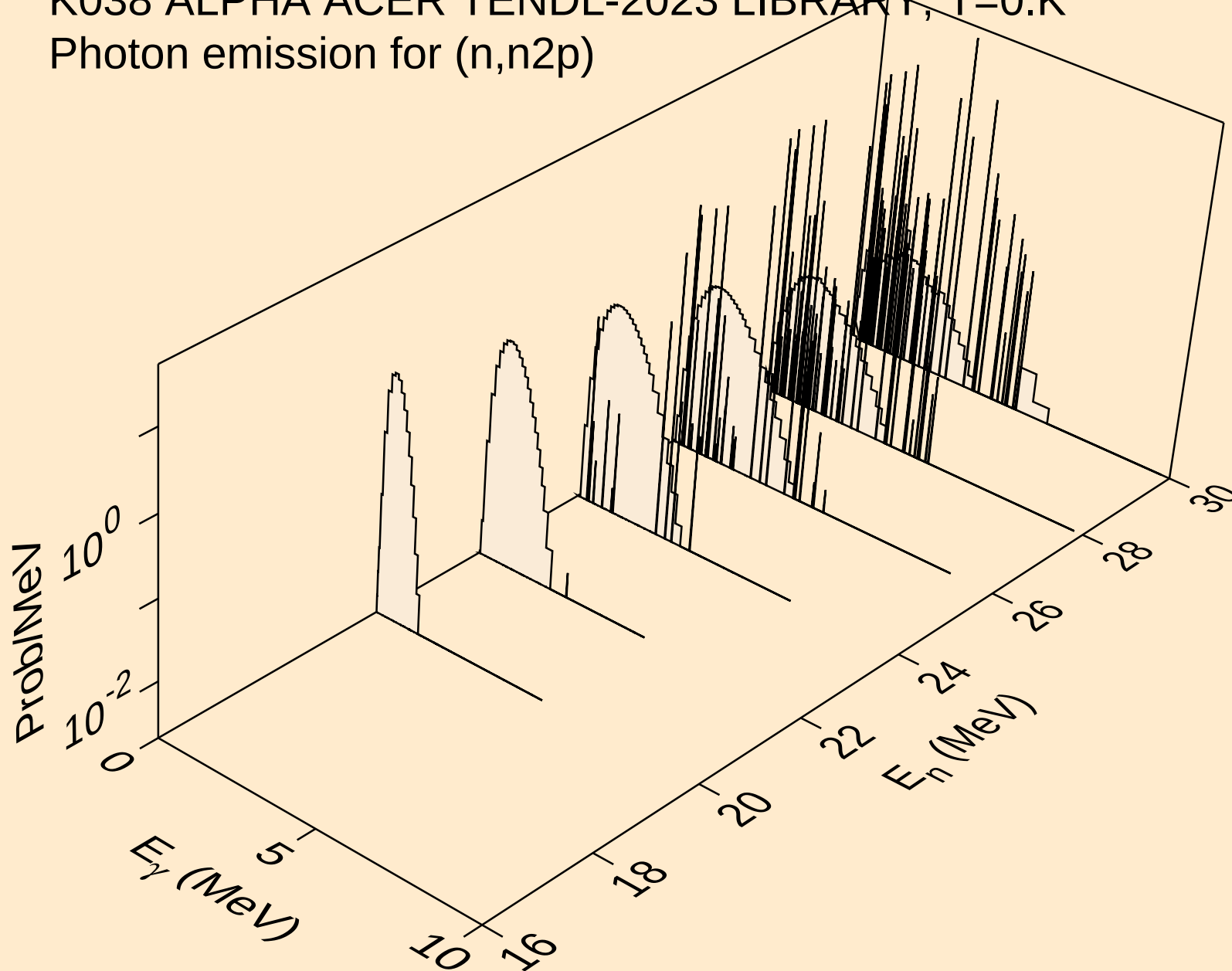
Photon emission for (n,n*)he3



K038 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2np)

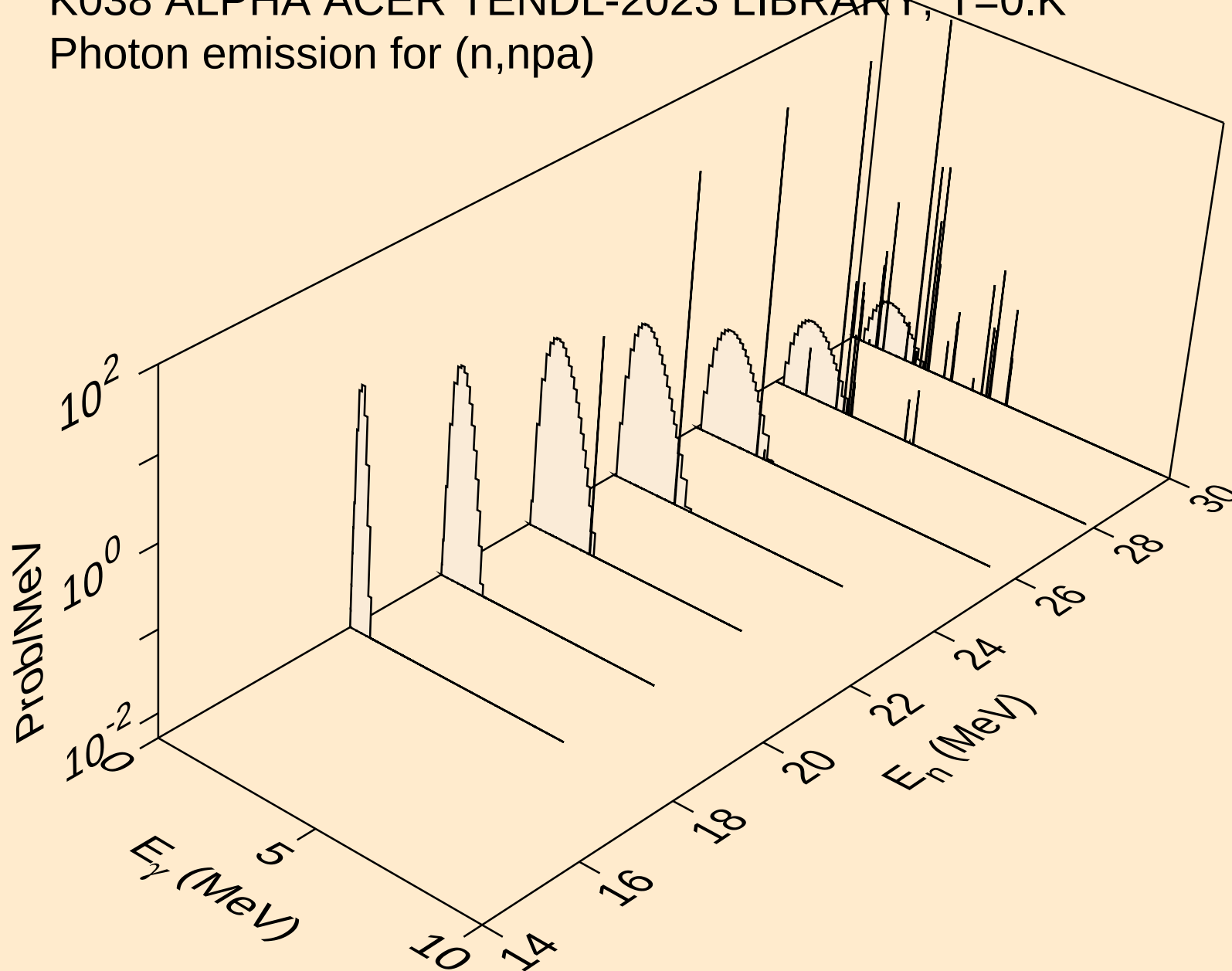


K038 ALPHA ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,n2p)

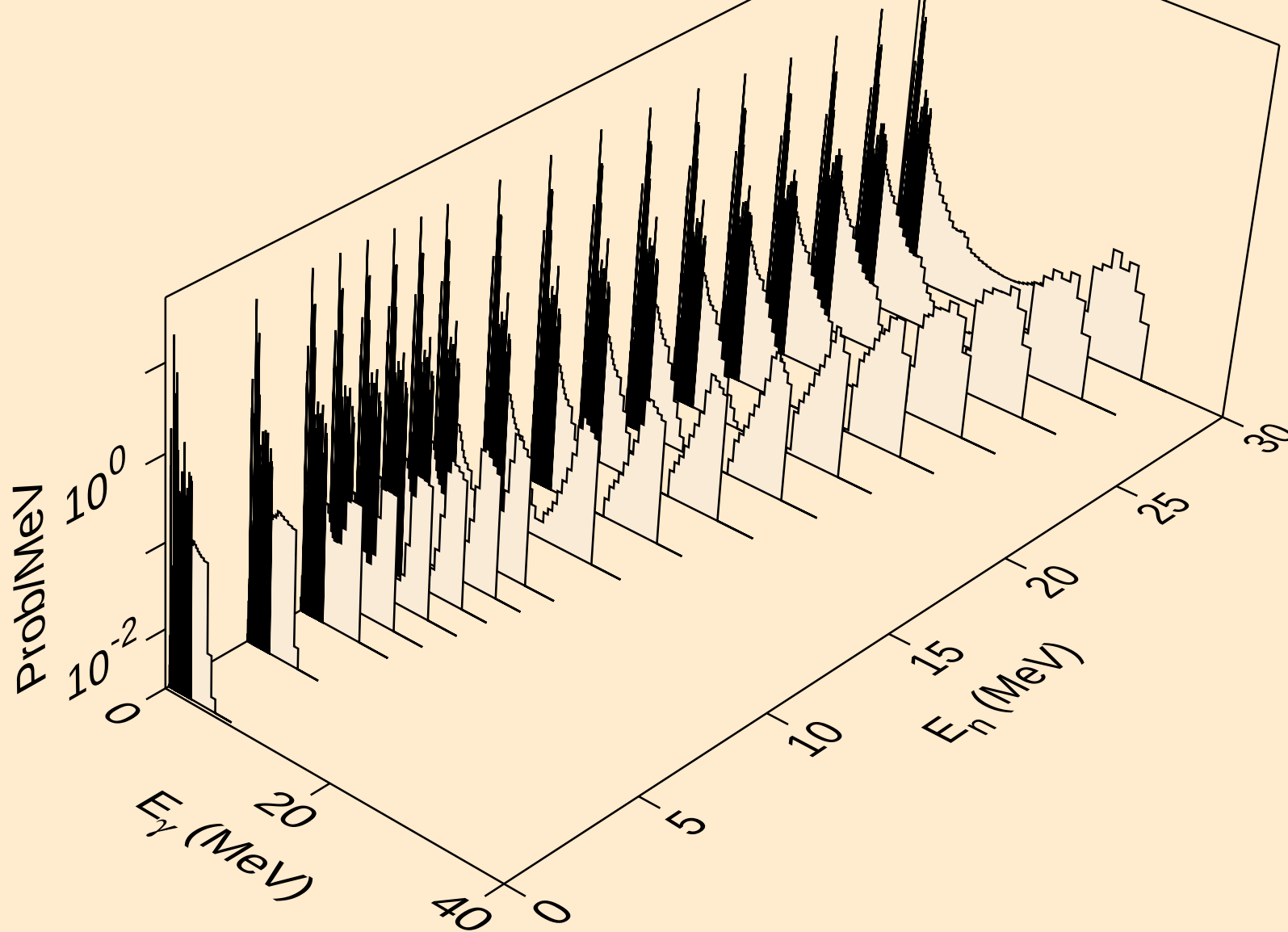


K038 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

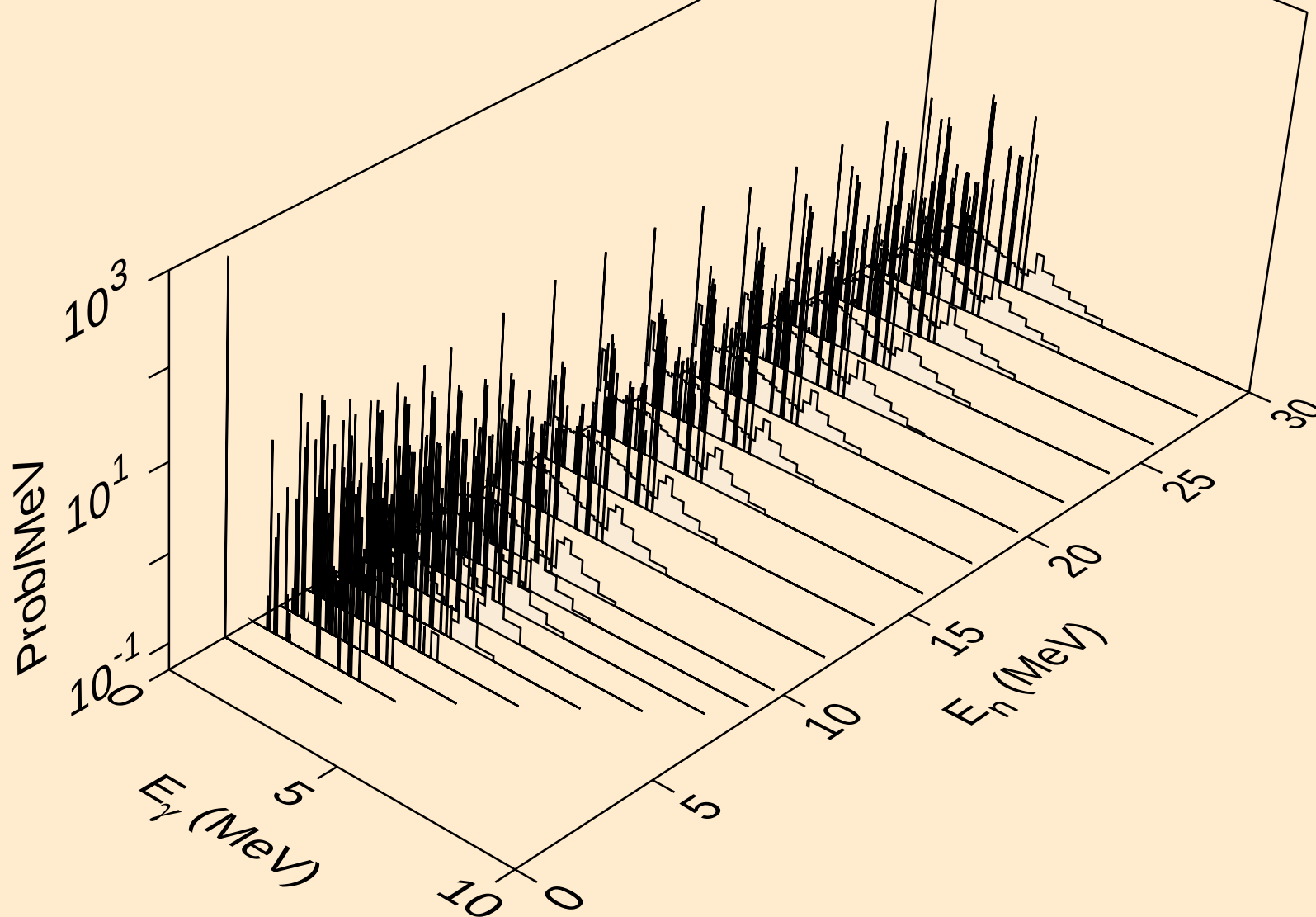
Photon emission for (n,npa)



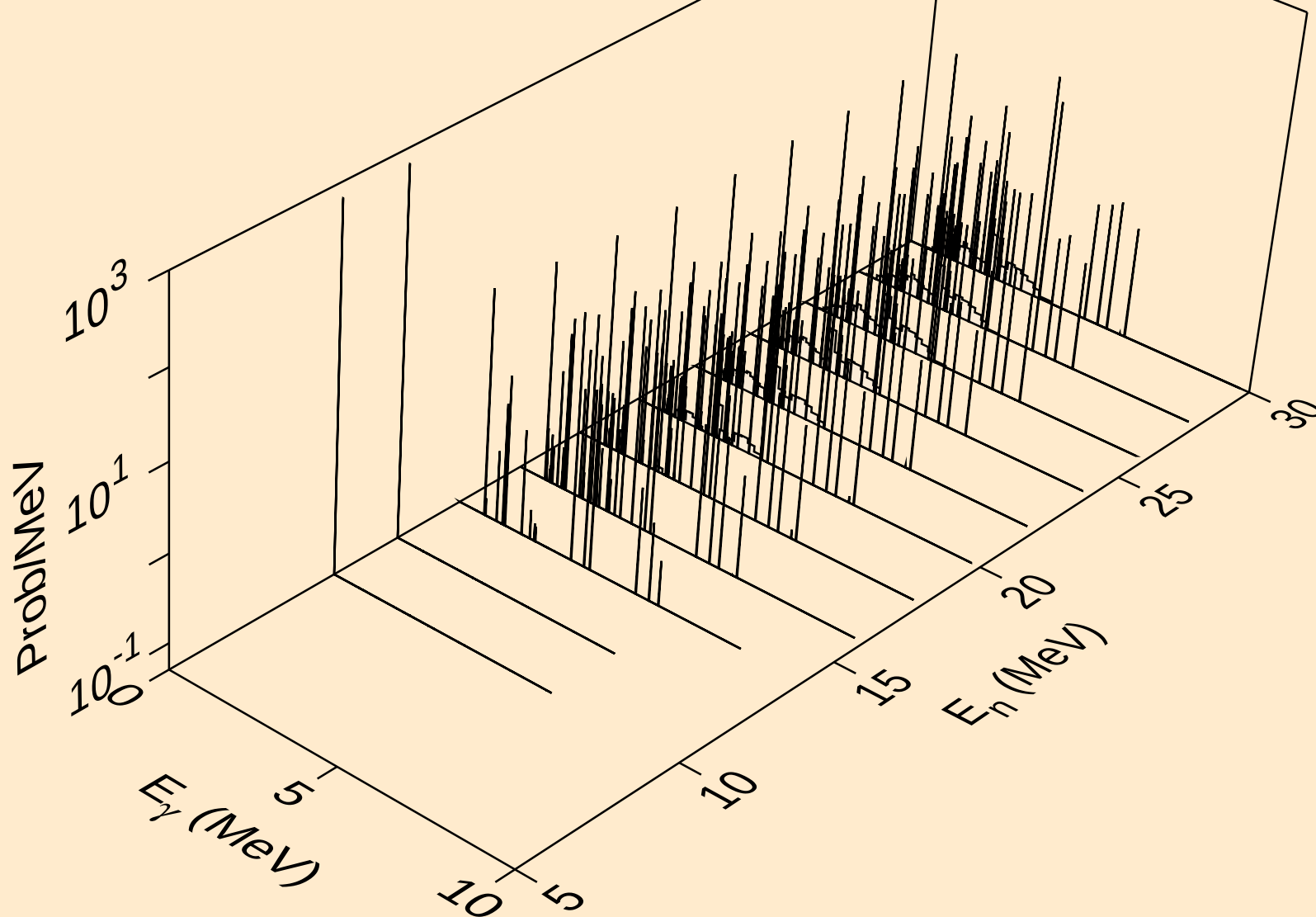
K038 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



K038 ALPHA ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,p)

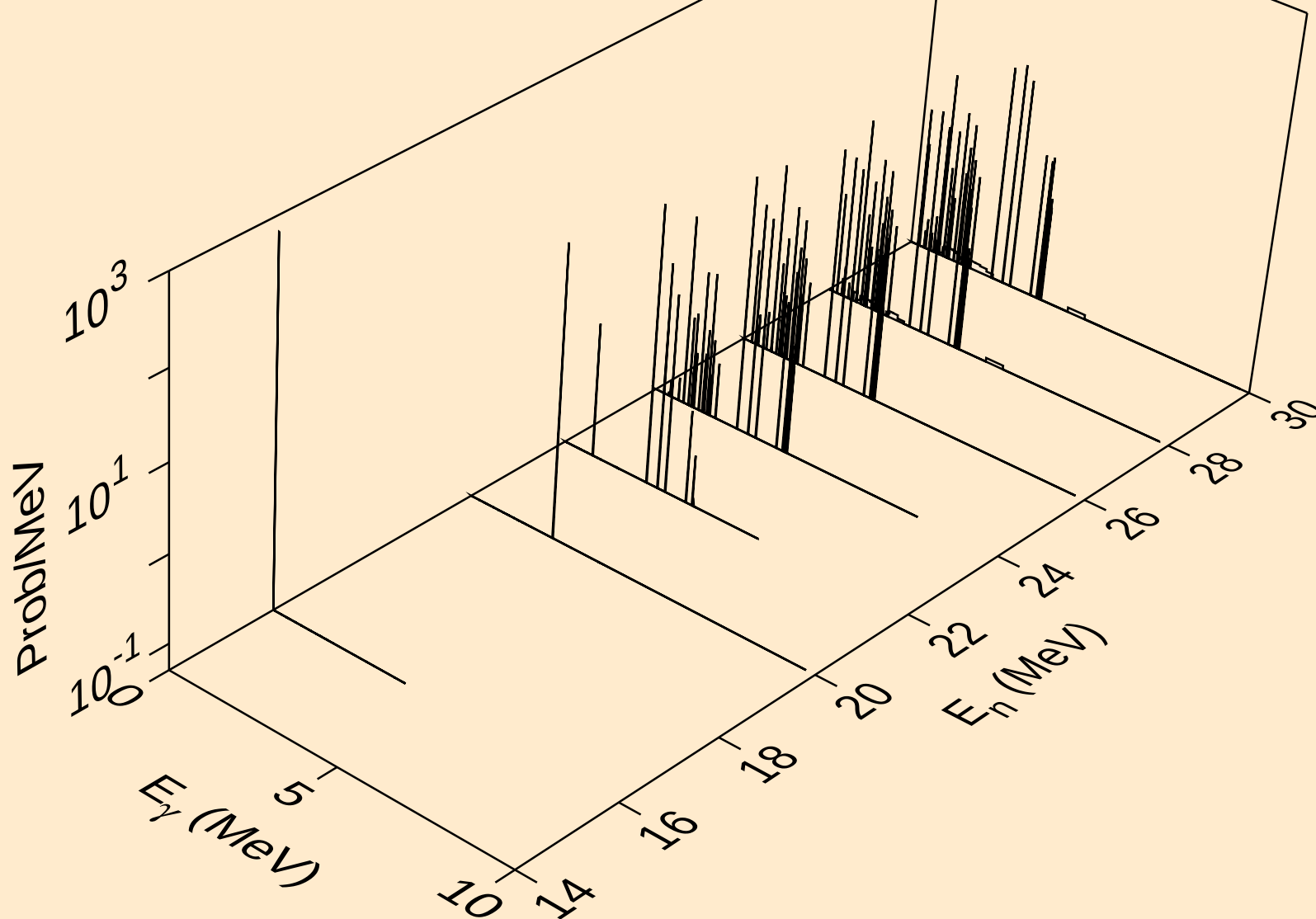


K038 ALPHA ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,d)

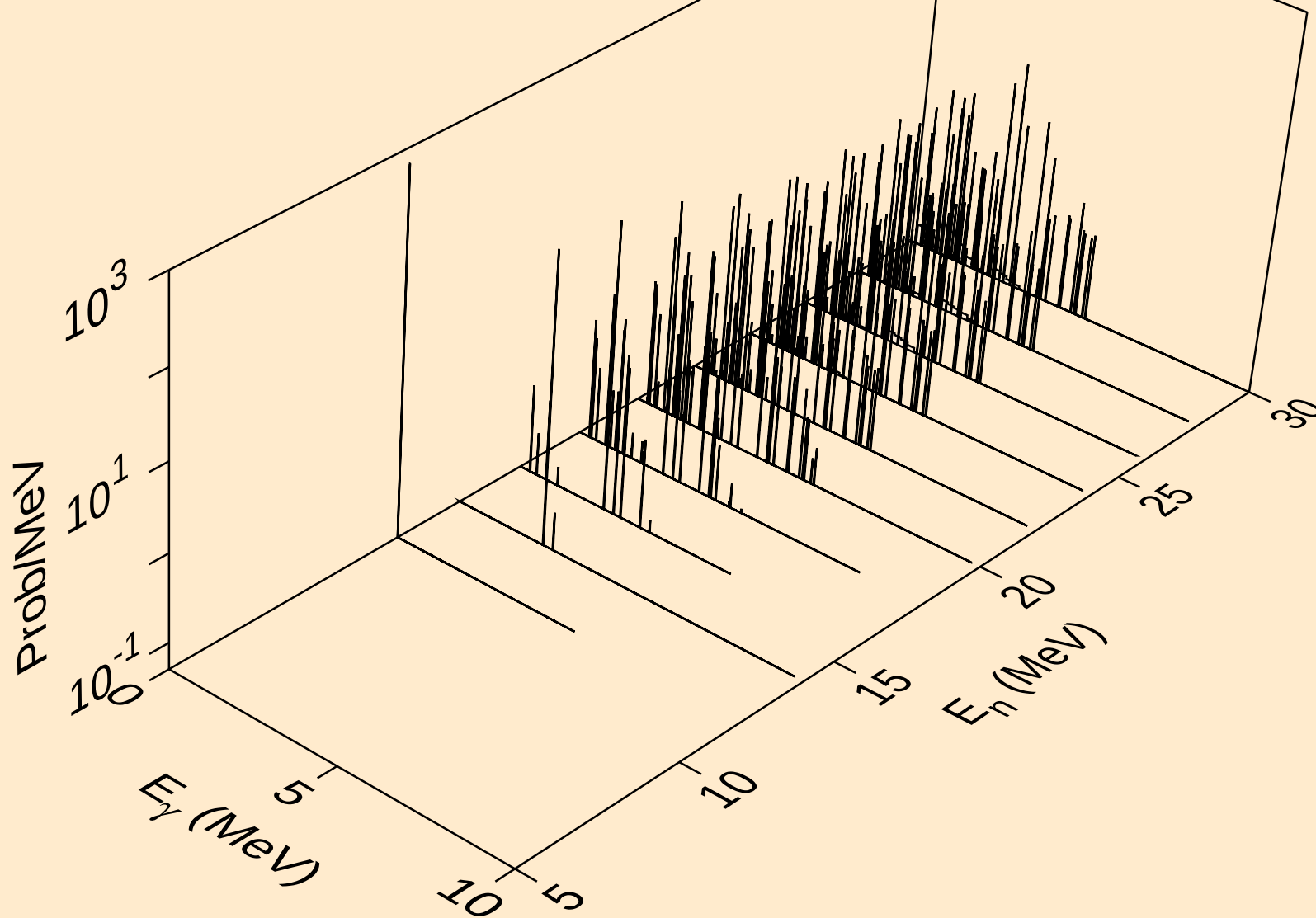


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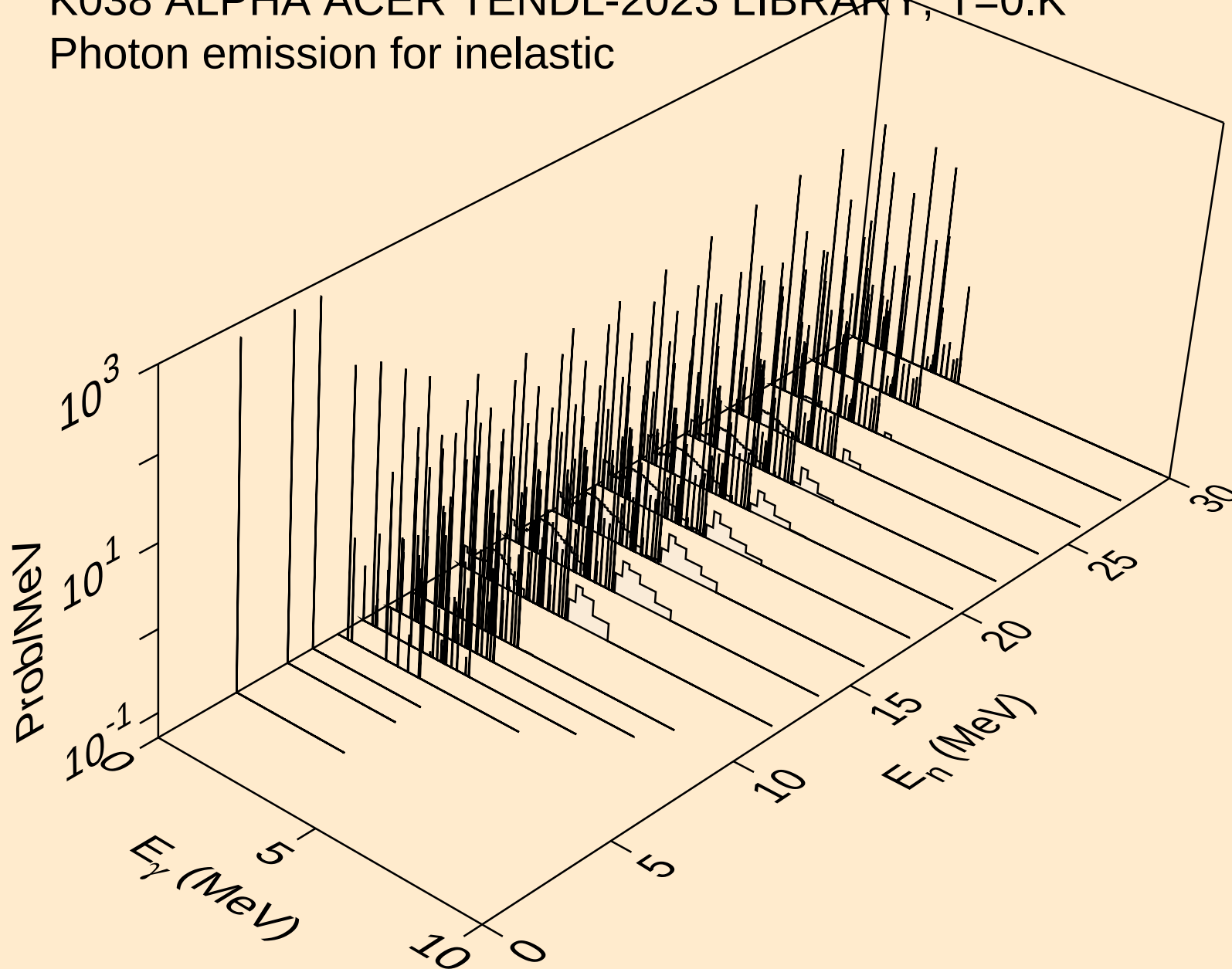
Photon emission for (n,t)



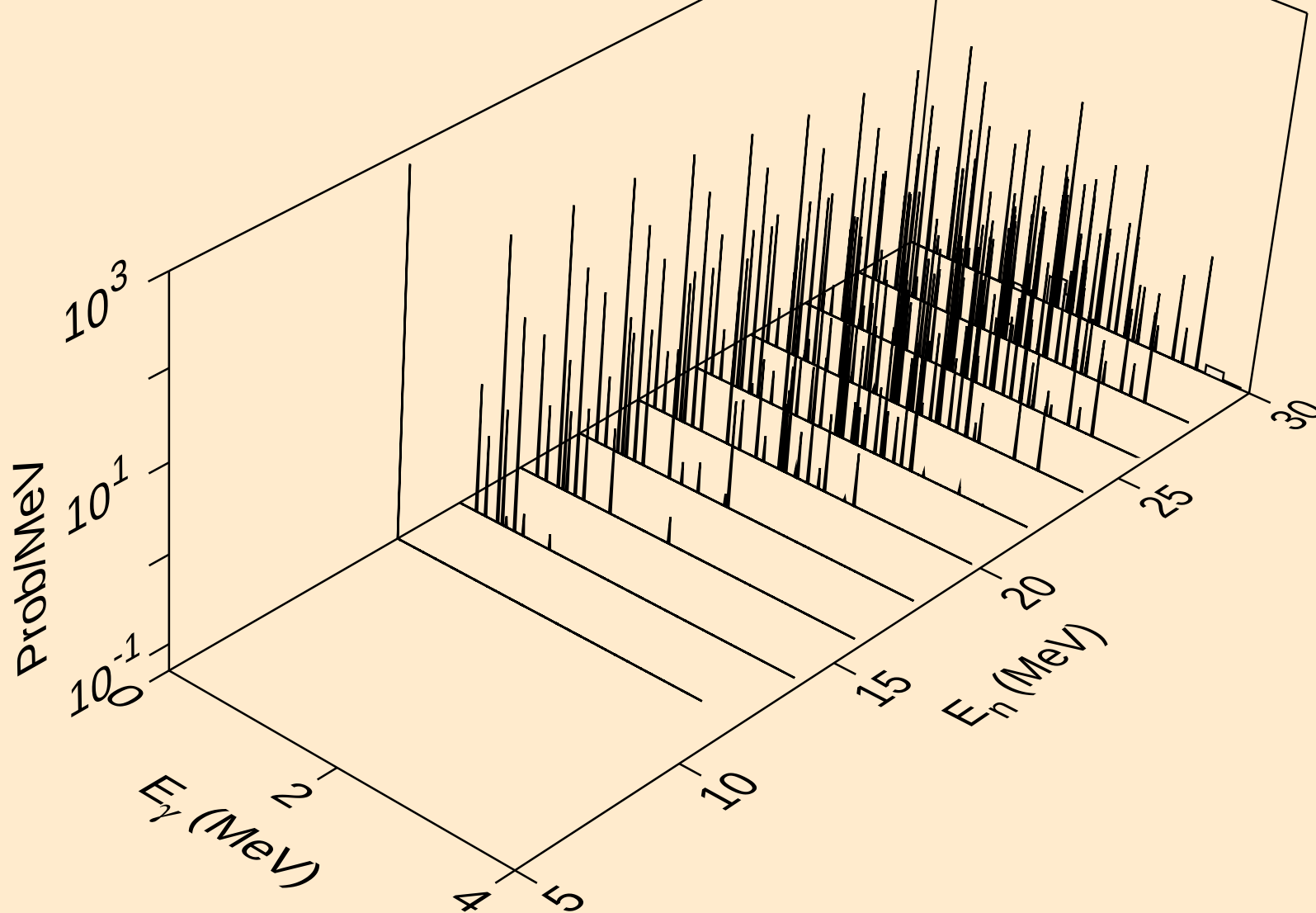
K038 ALPHA ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,he3)



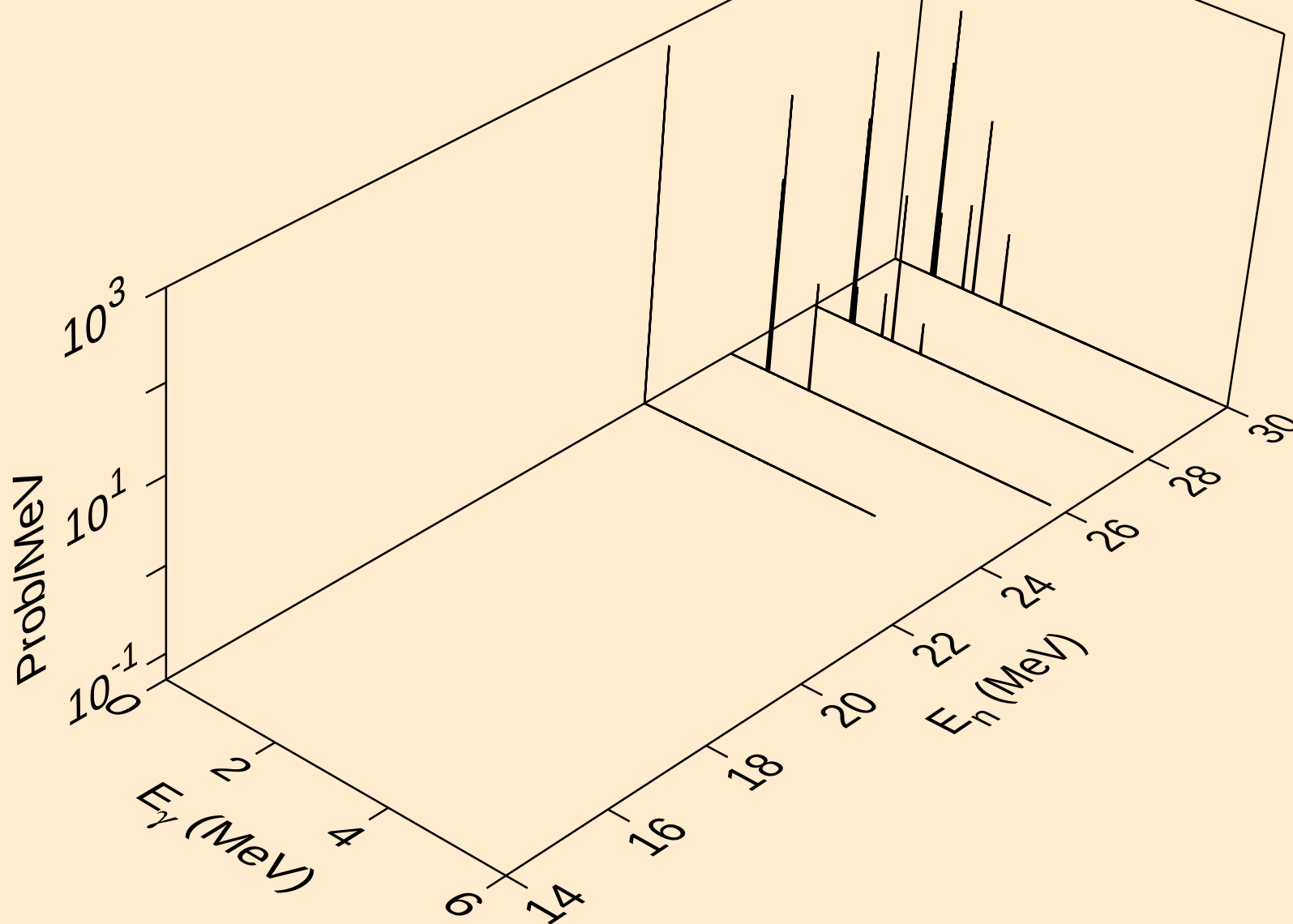
K038 ALPHA ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for inelastic



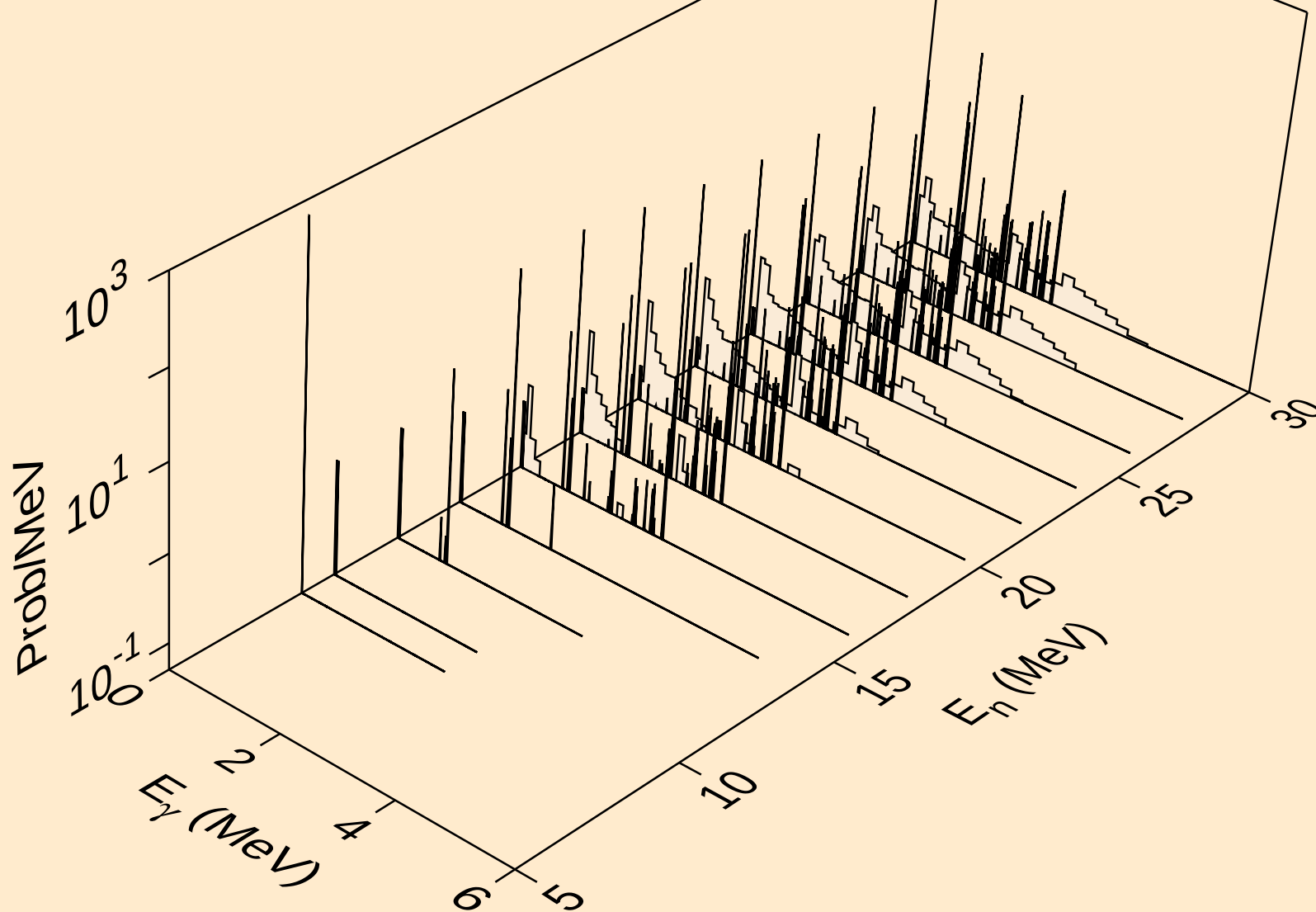
K038 ALPHA ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,2a)



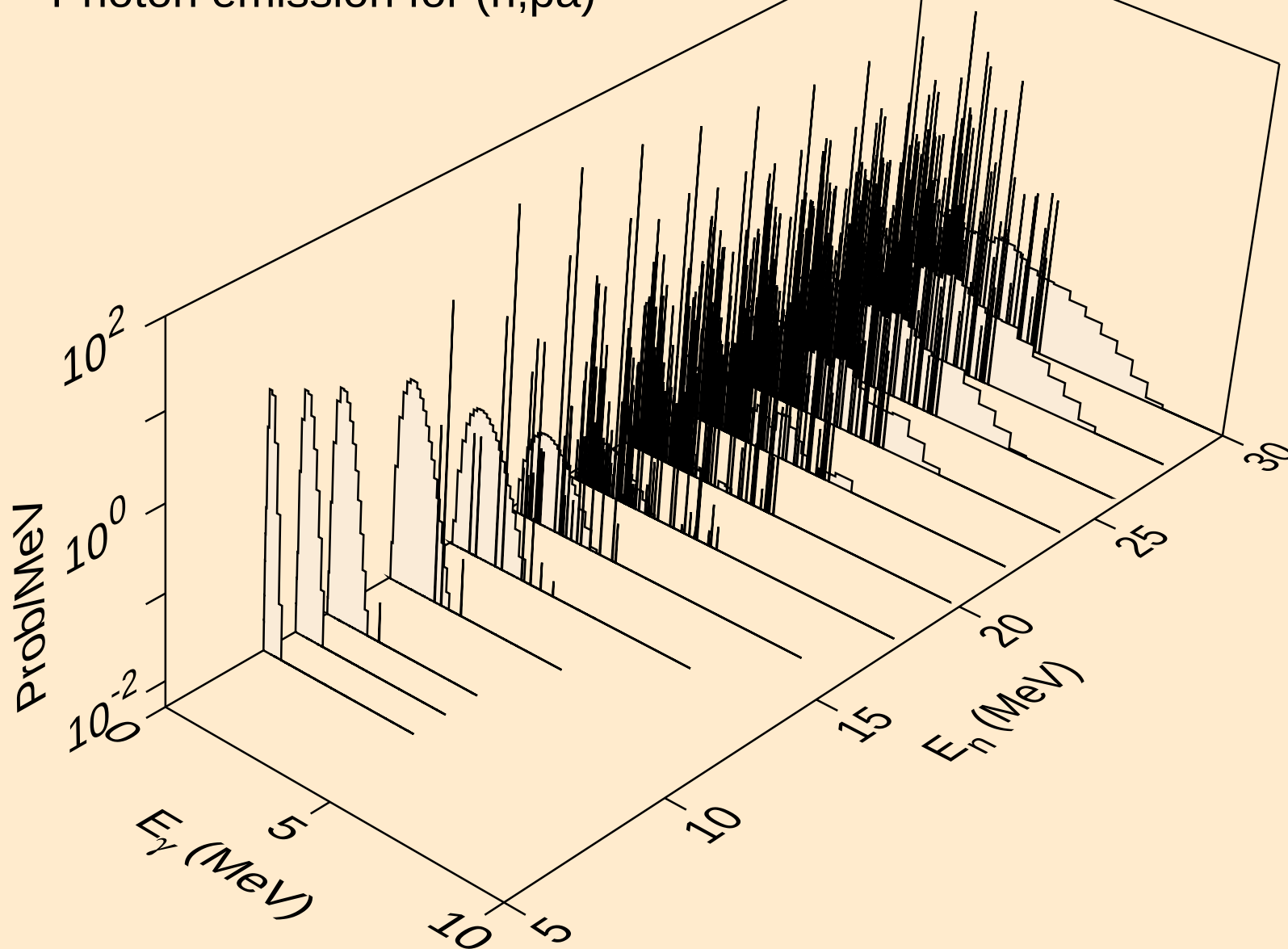
K038 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3a)



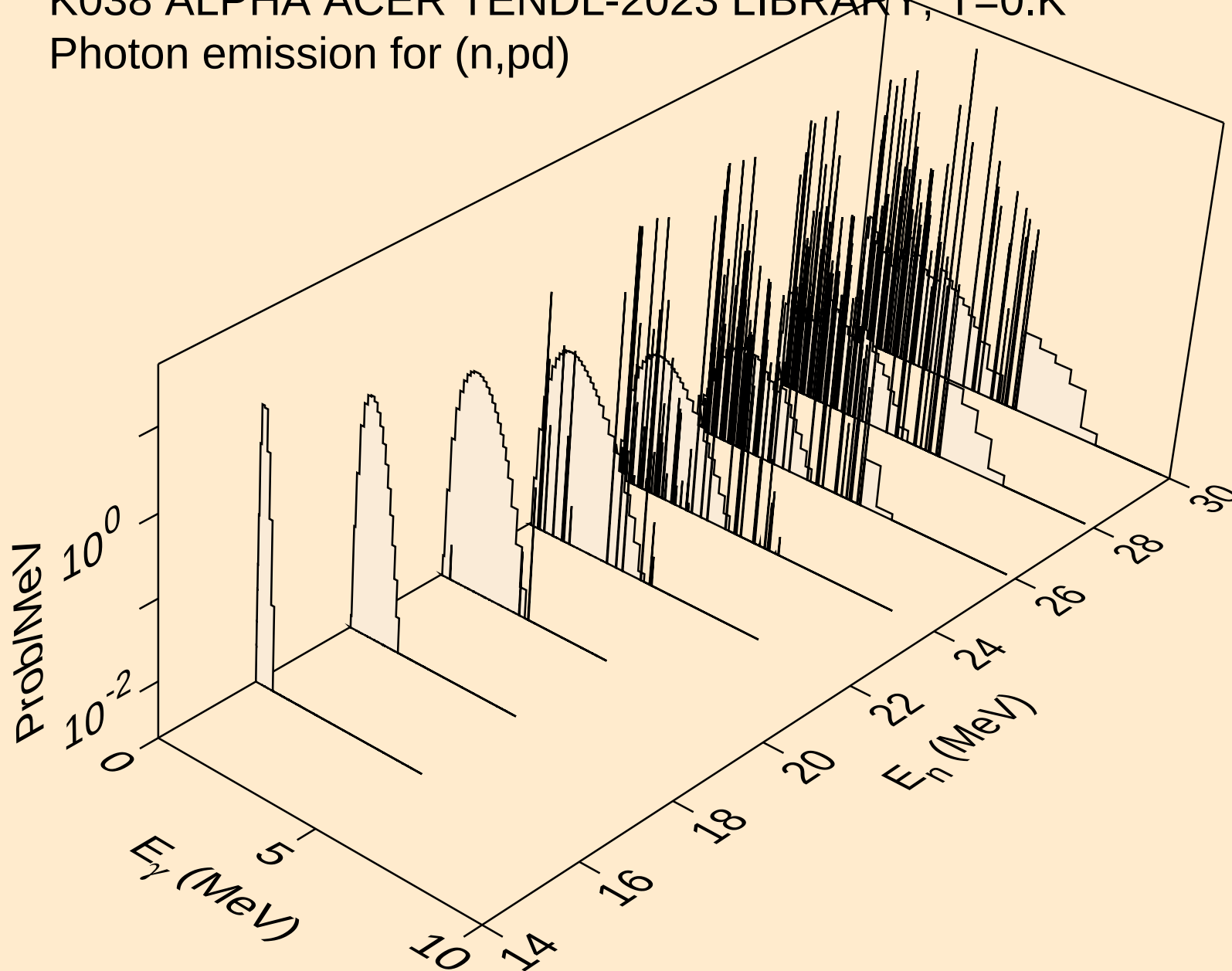
K038 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2p)



K038 ALPHA ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,p α)

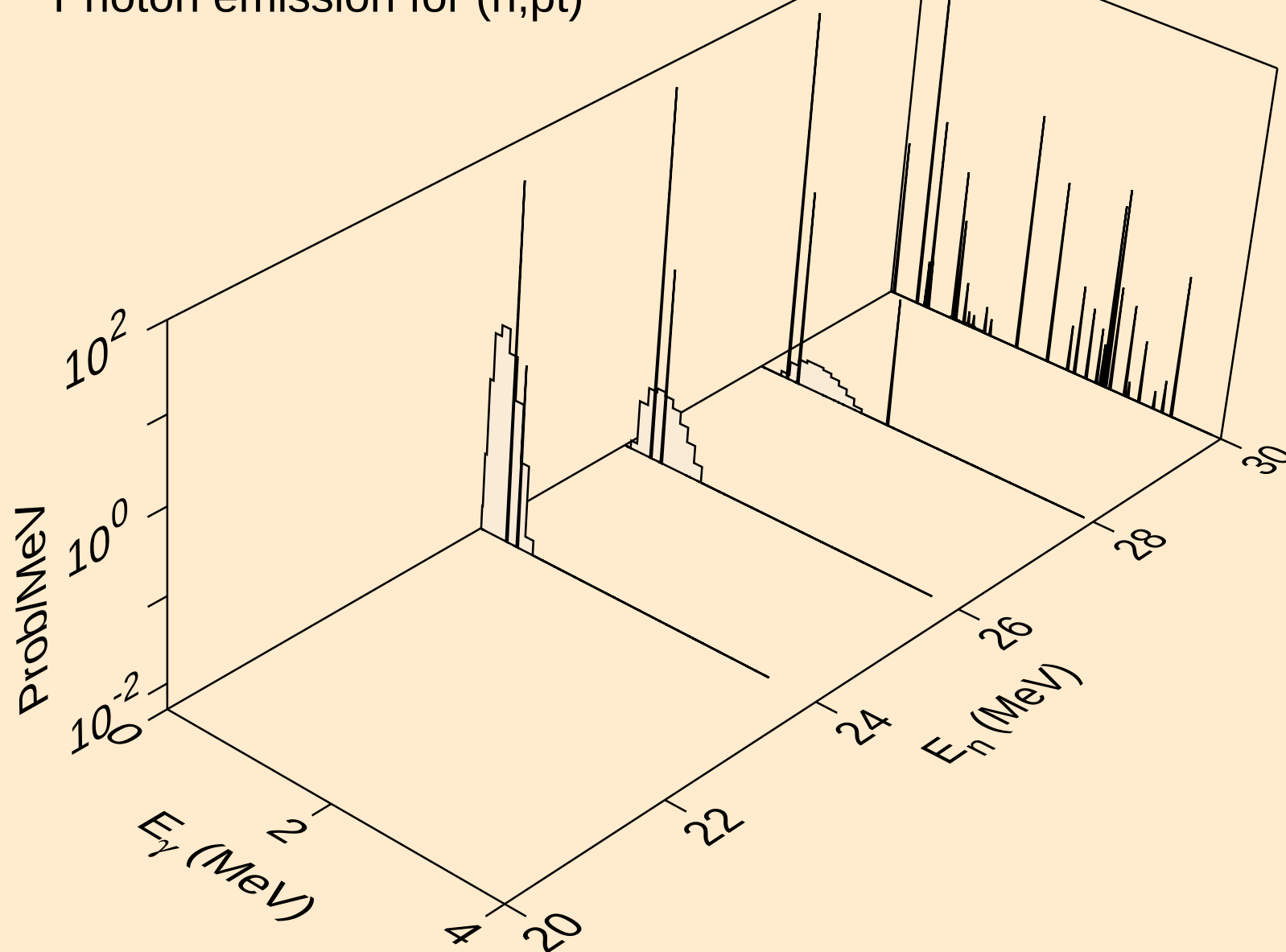


K038 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pd)

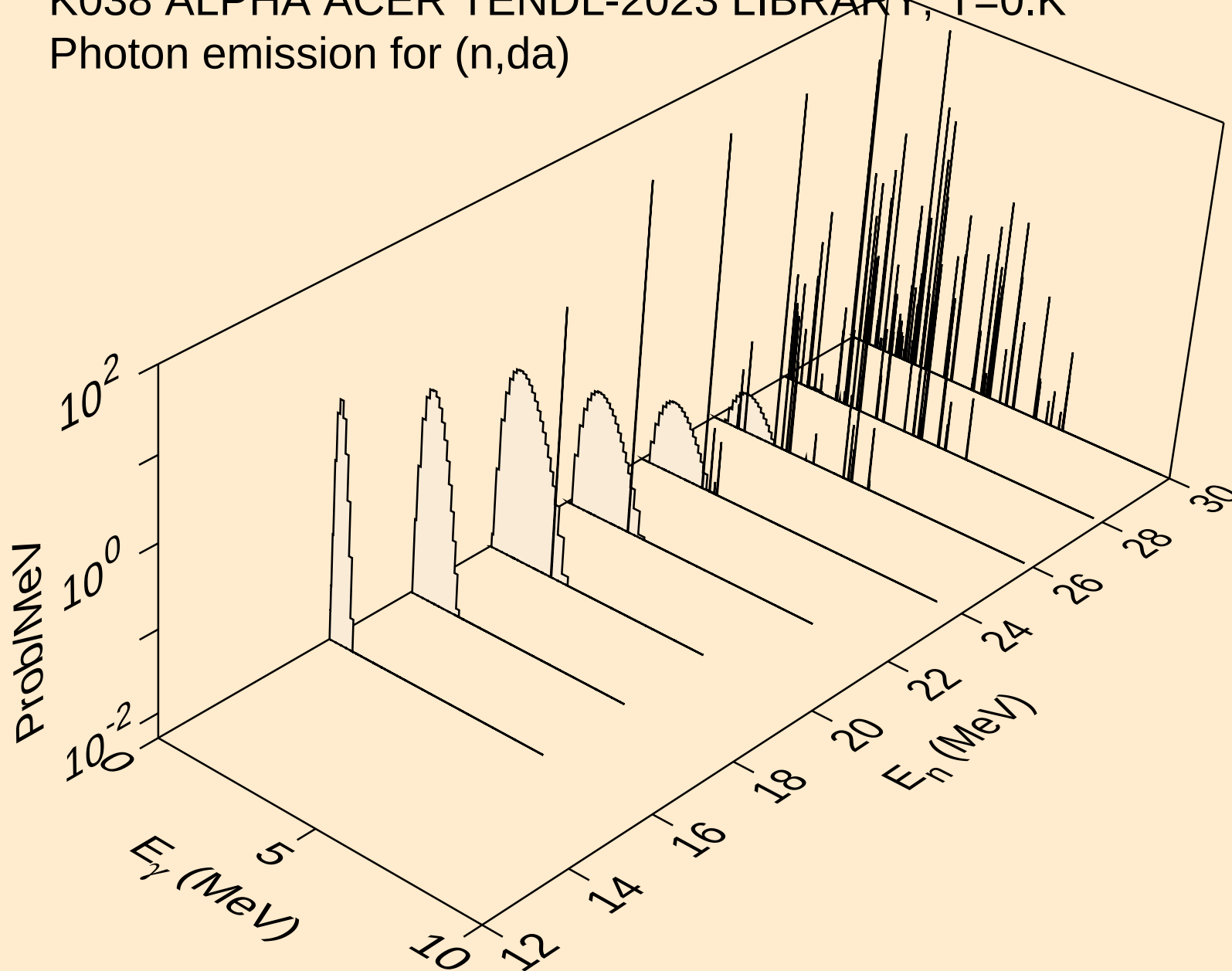


K038 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,pt)

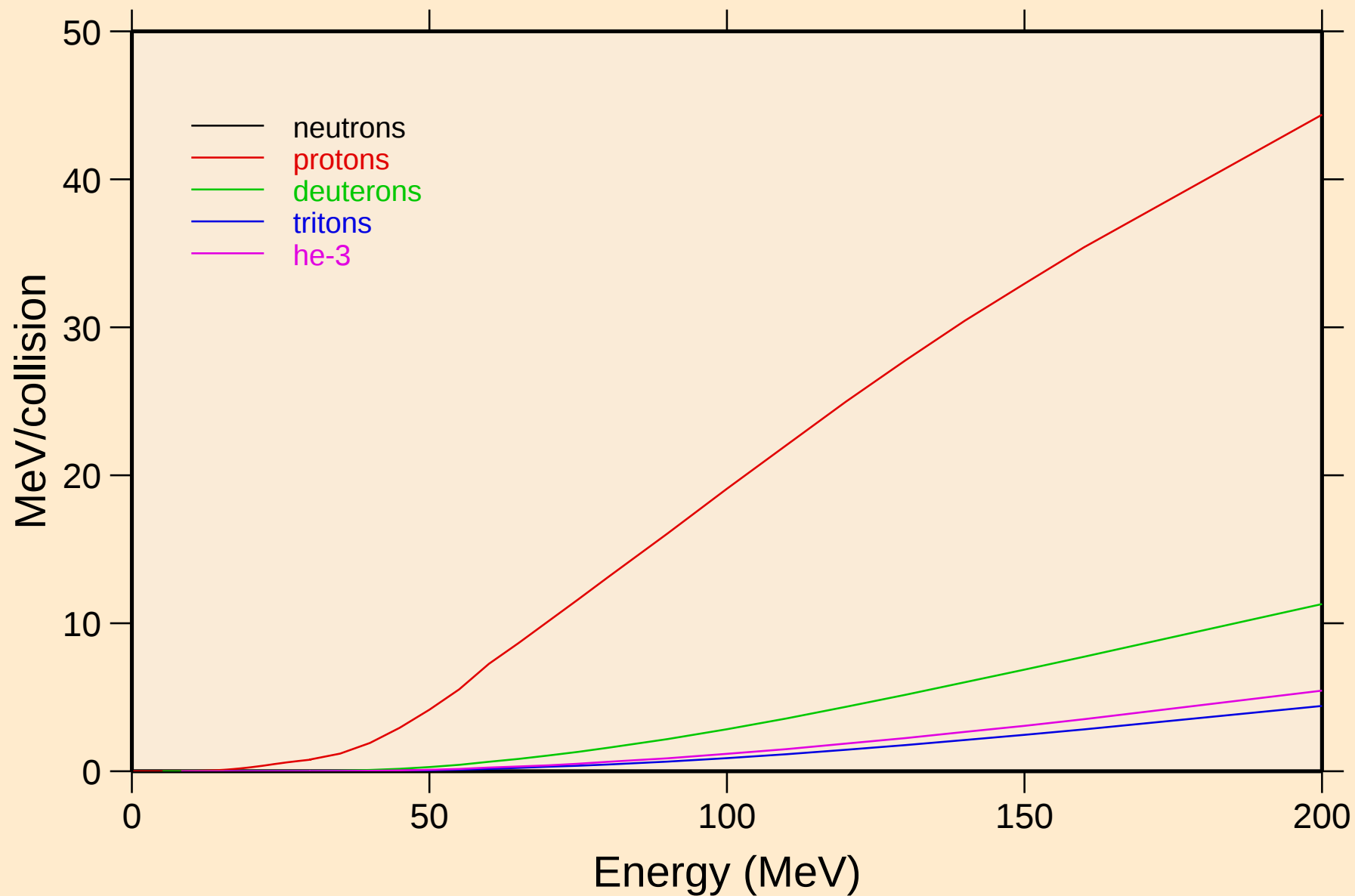


K038 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,da)



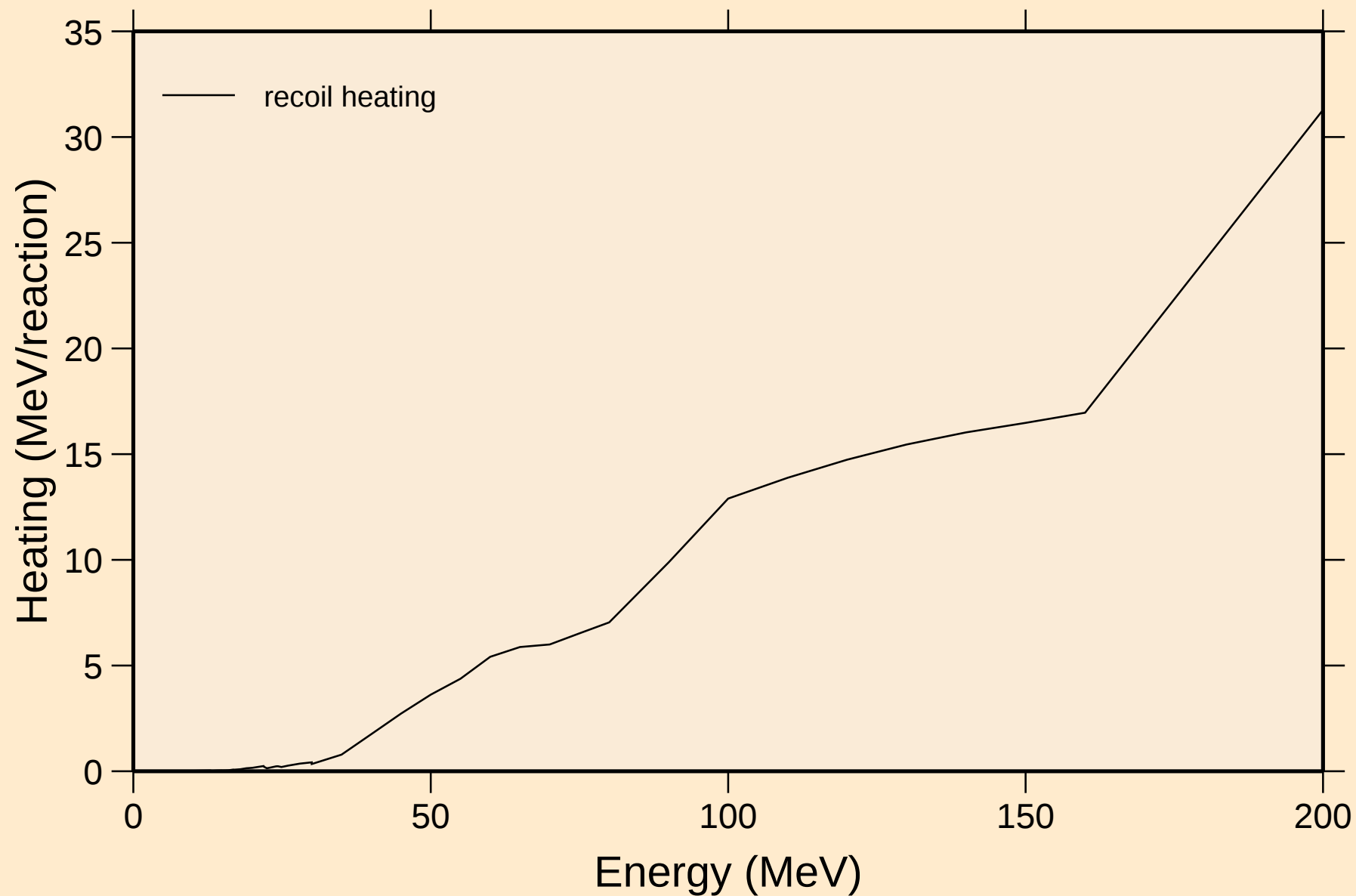
K038 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Particle heating contributions



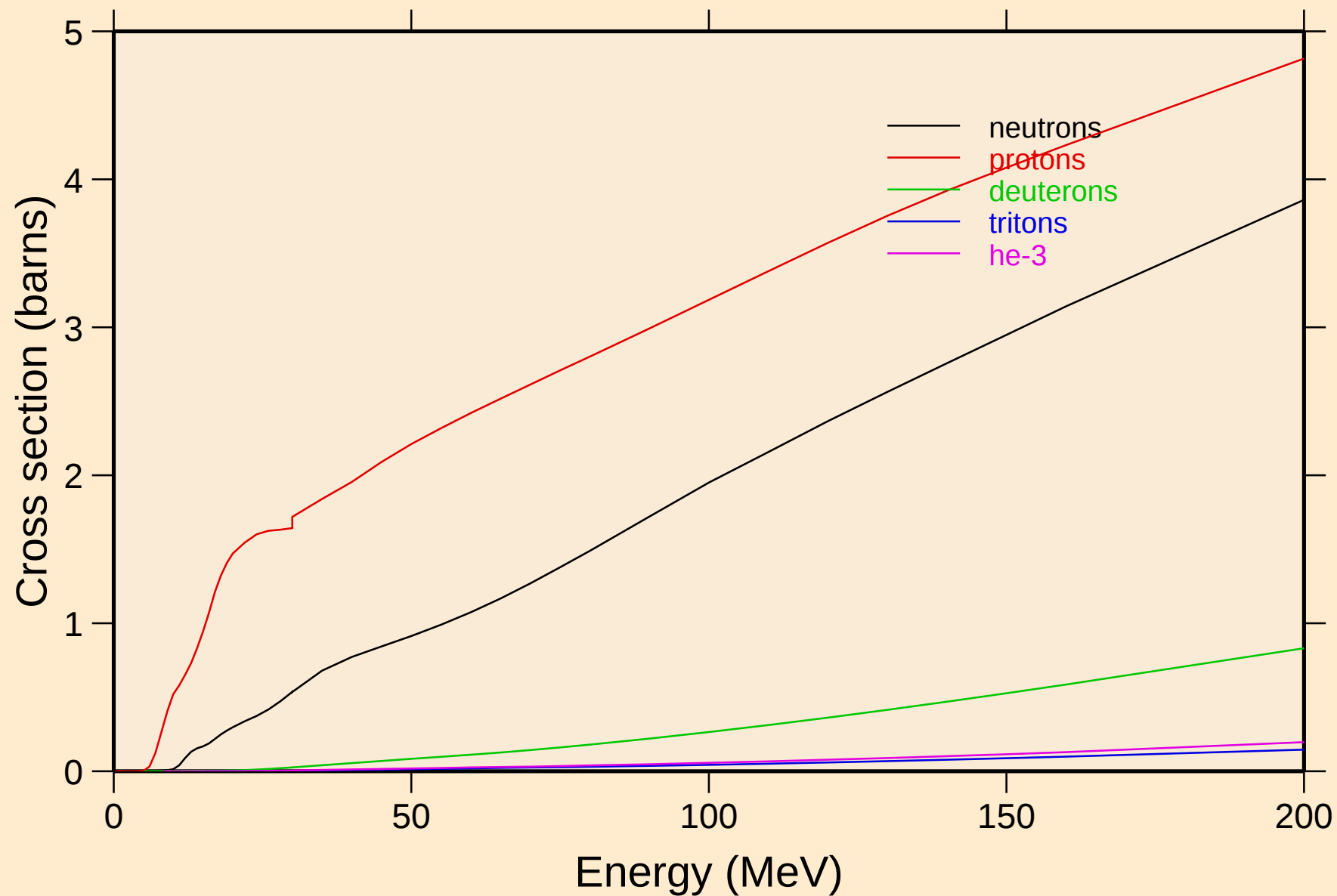
K038 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Recoil Heating

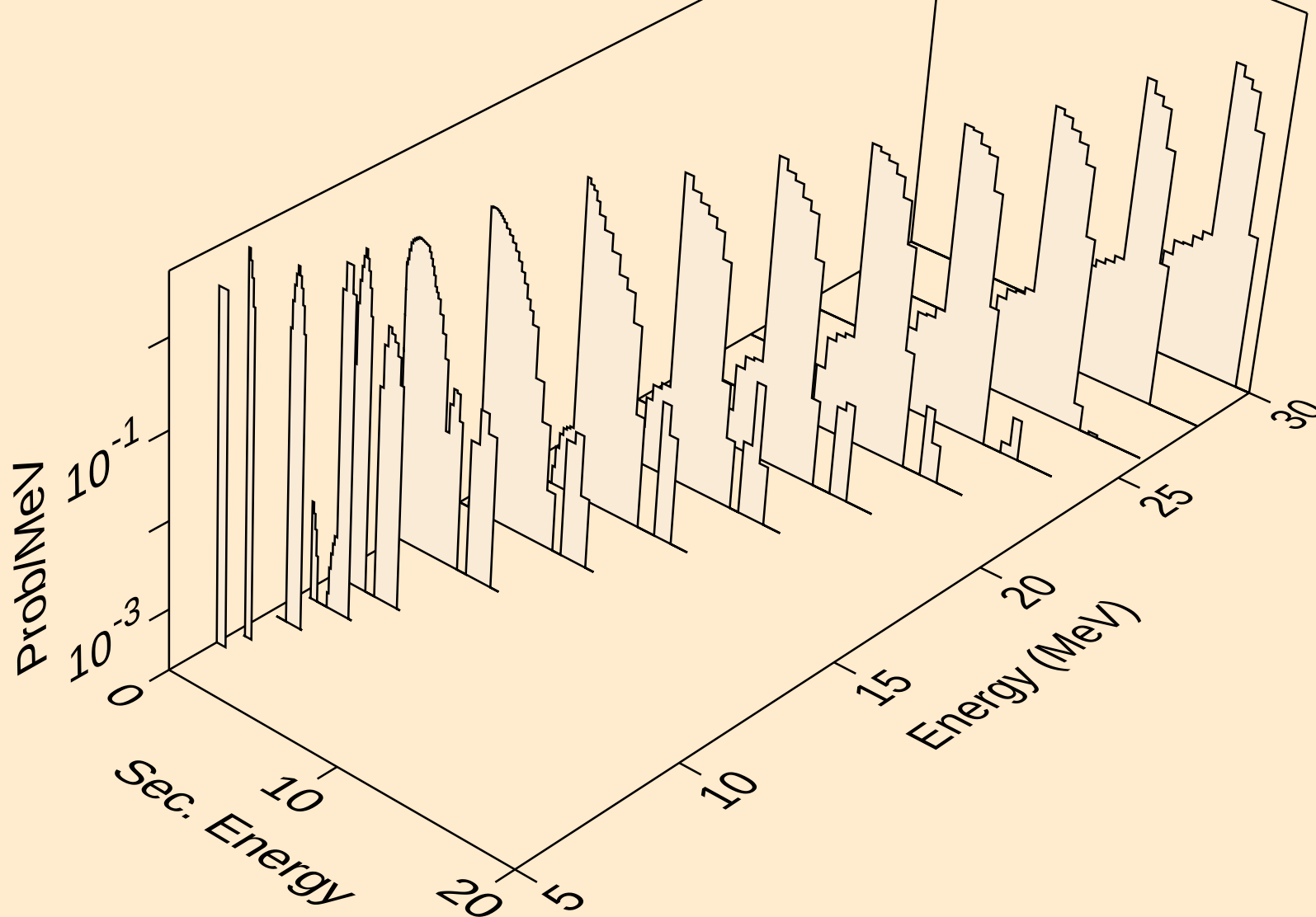


K038 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

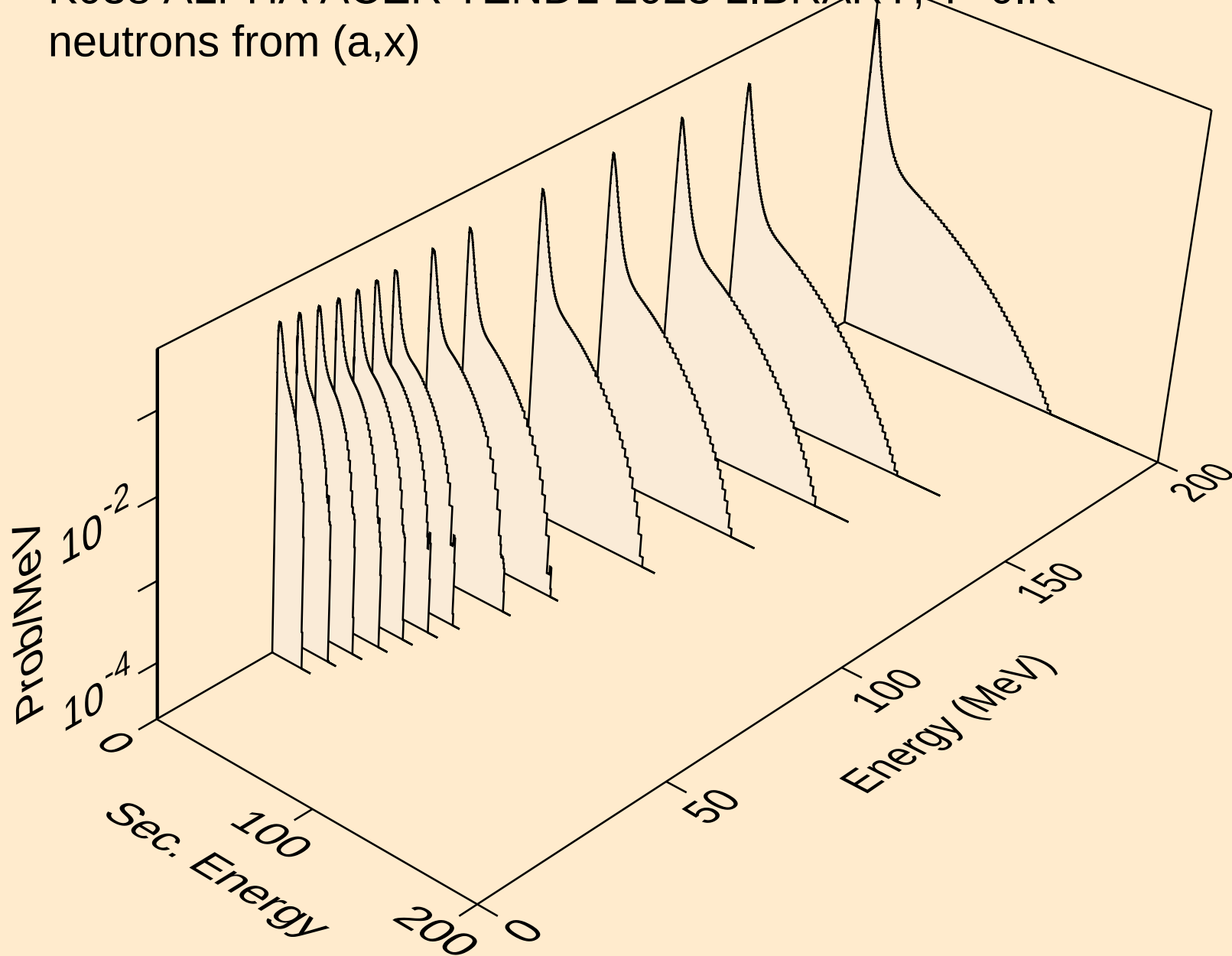
Particle production cross sections



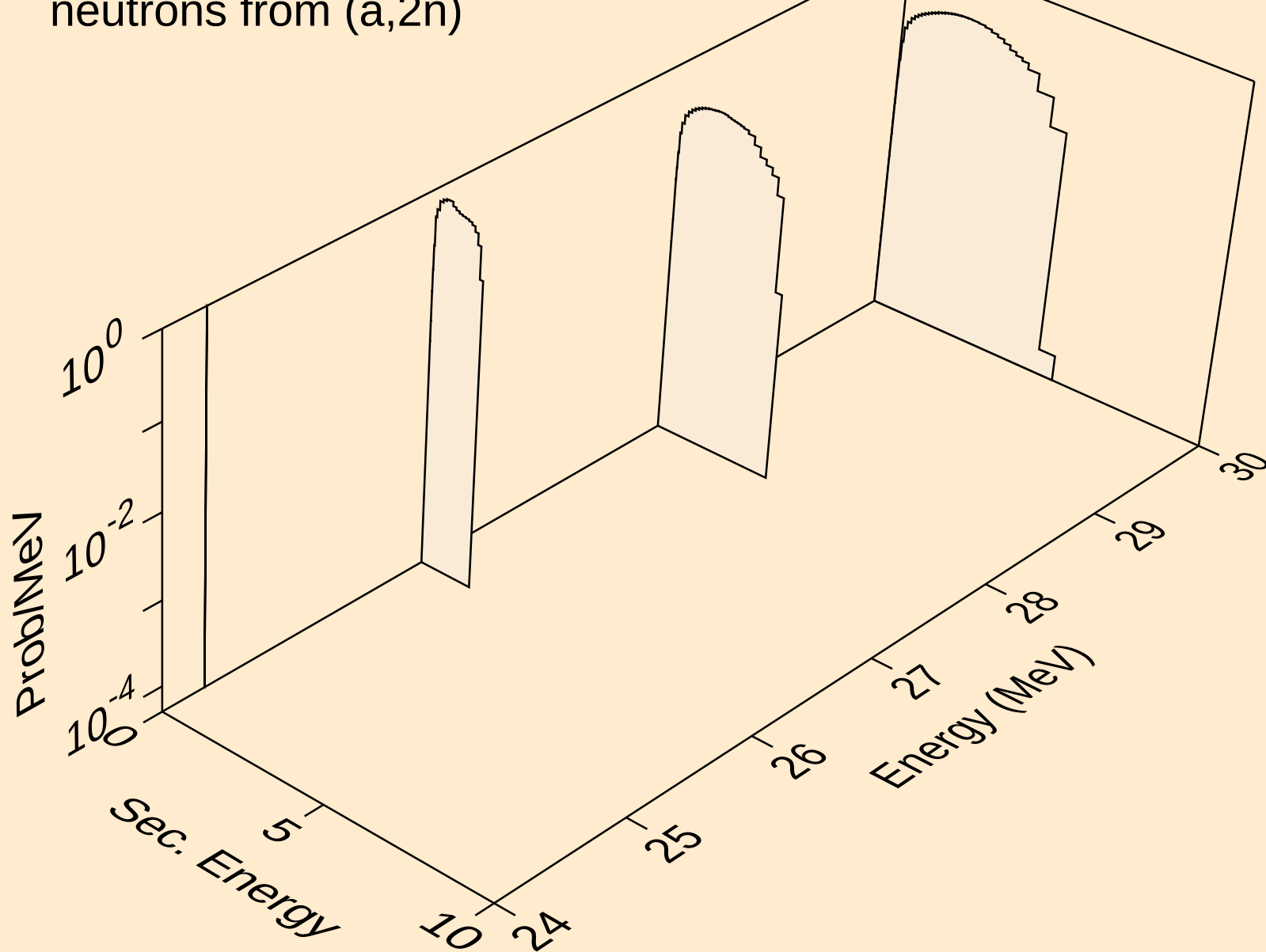
K038 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n)



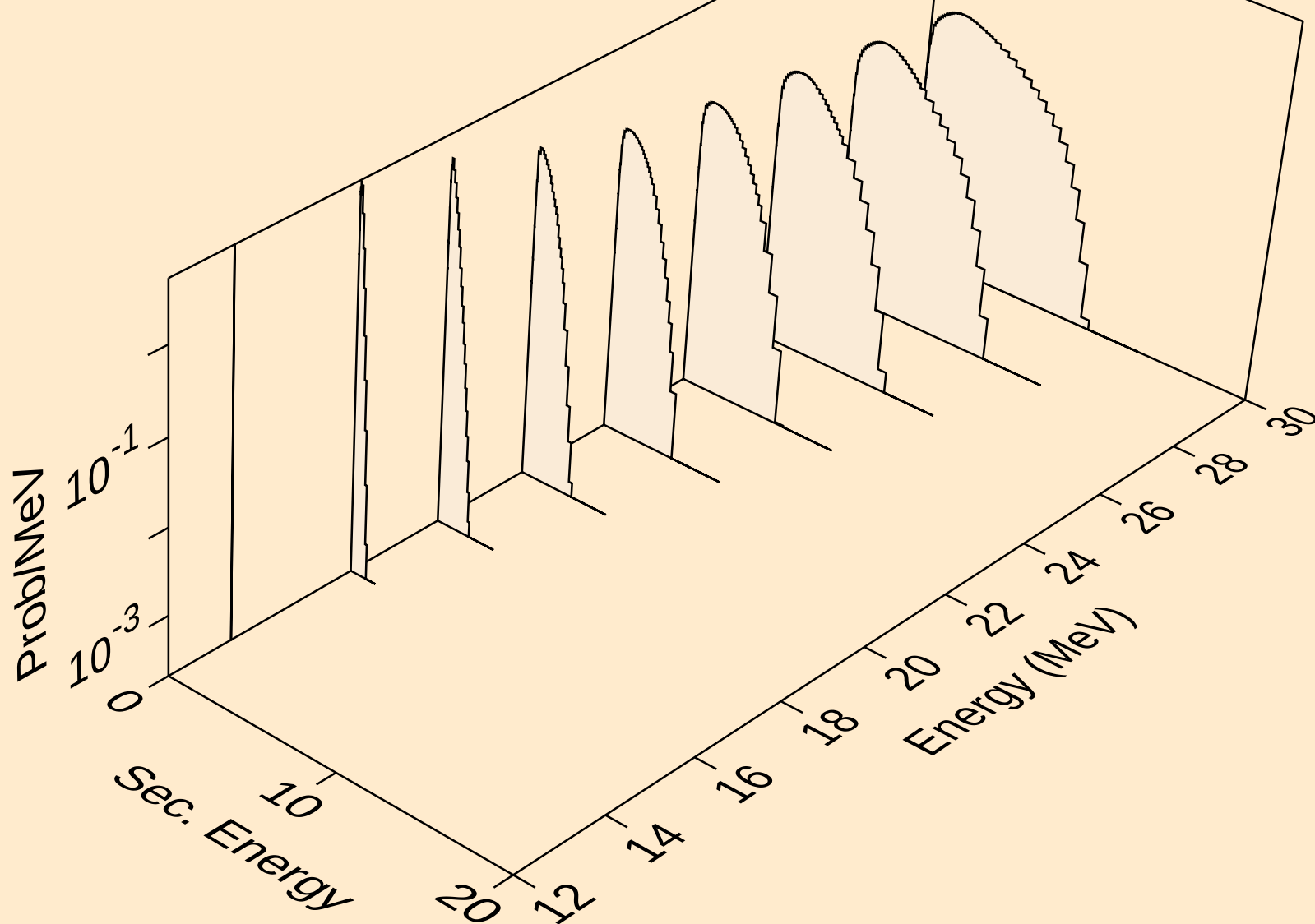
K038 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,x)



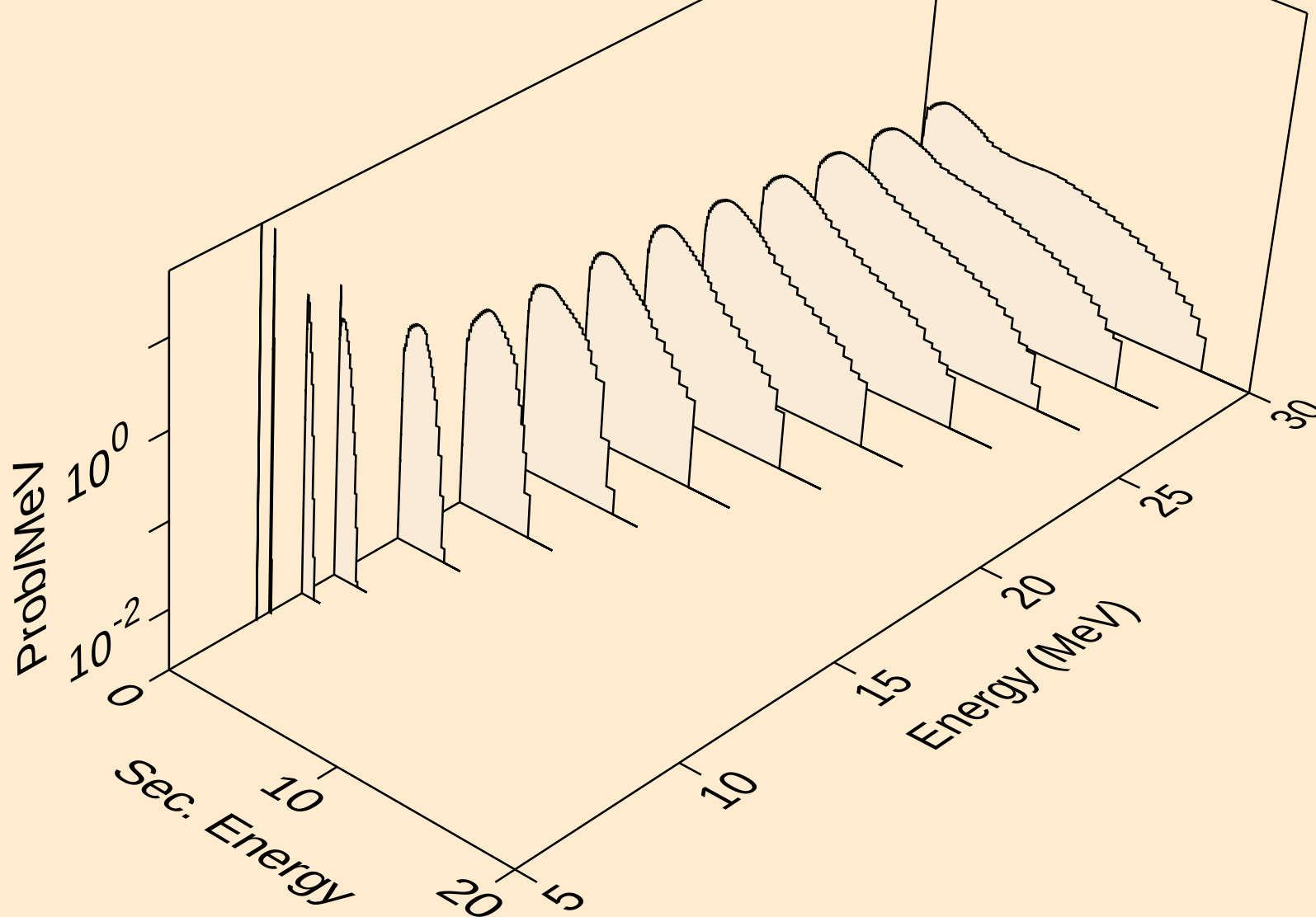
K038 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,2n)



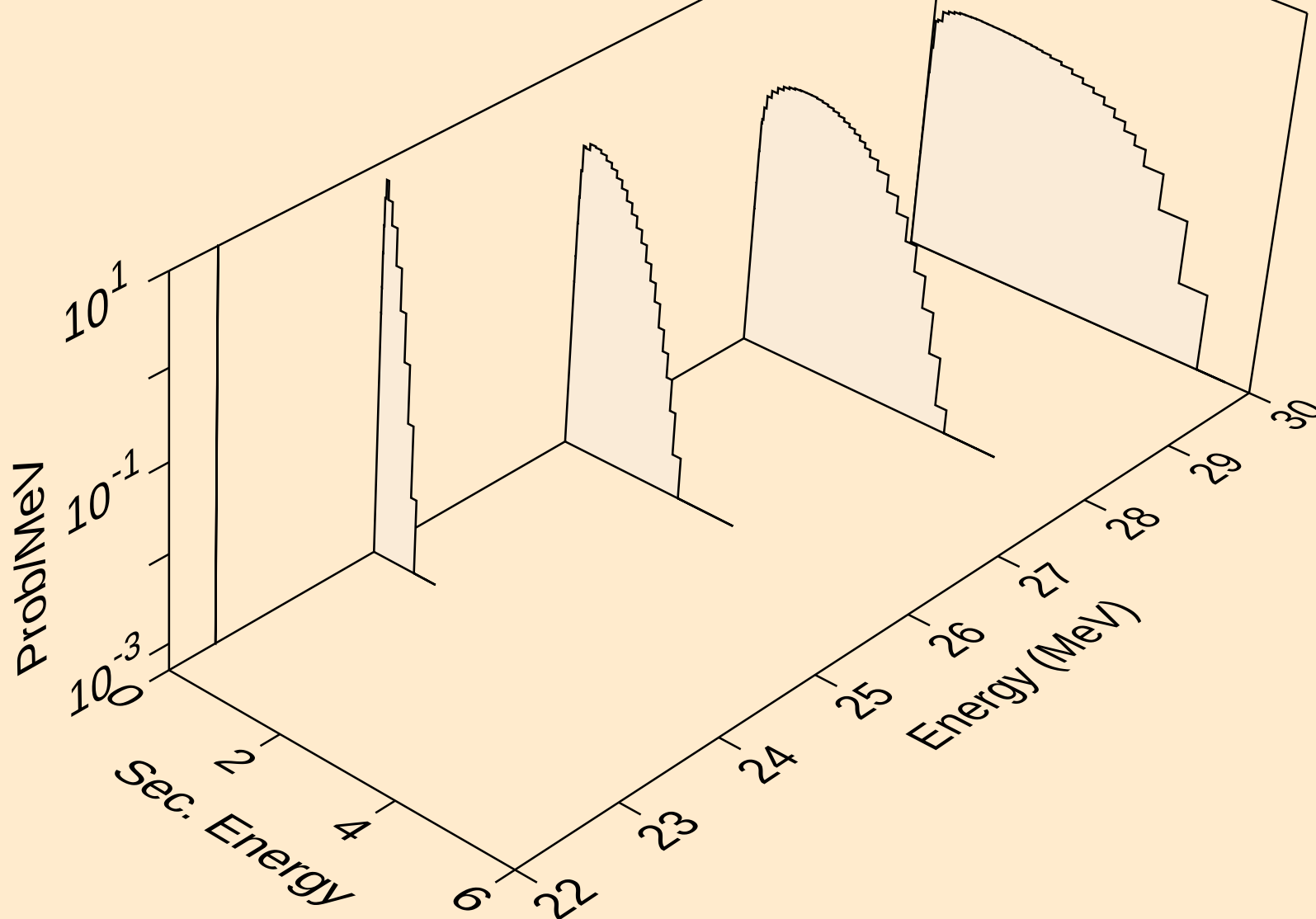
K038 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n*)a



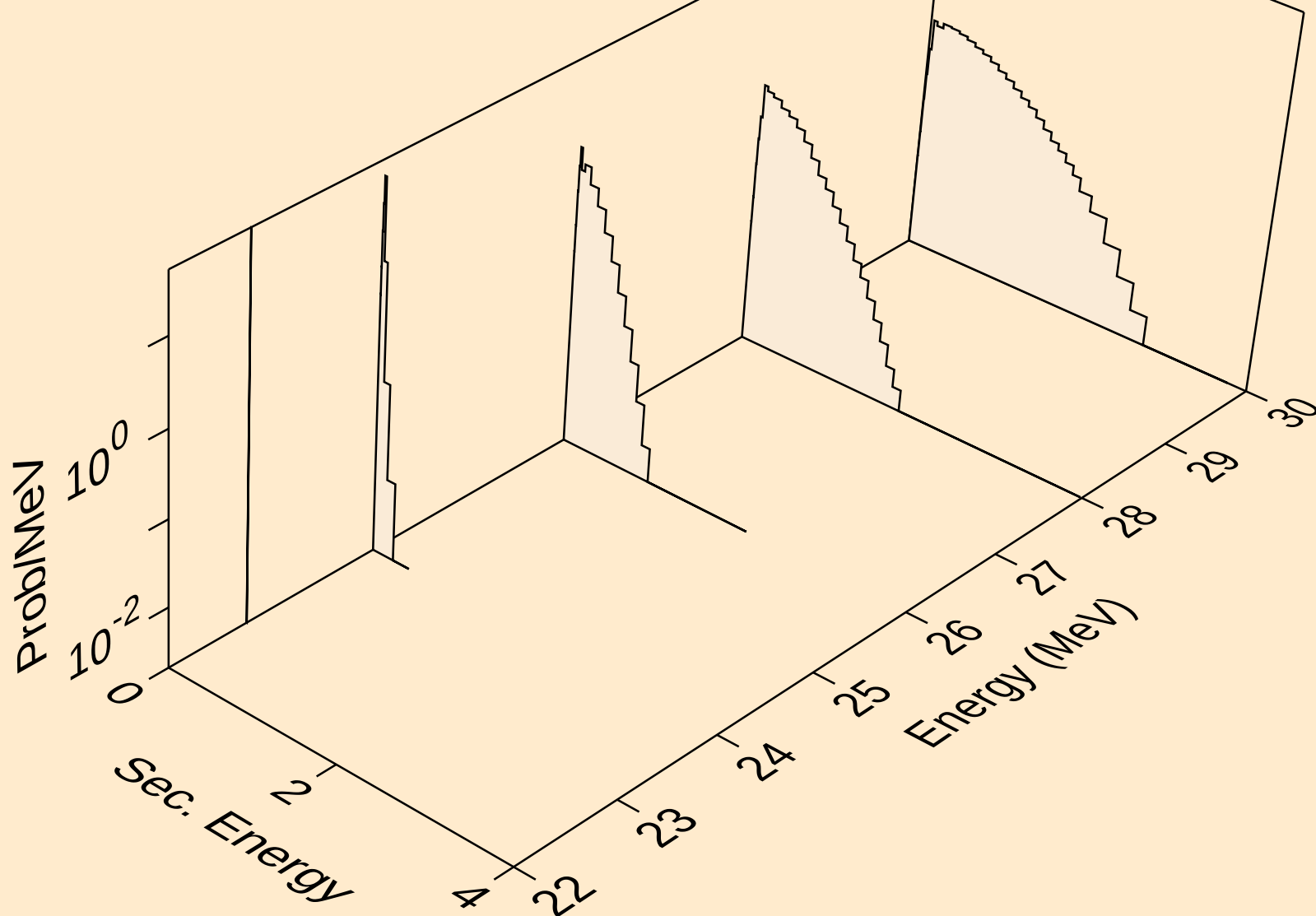
K038 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n*)p



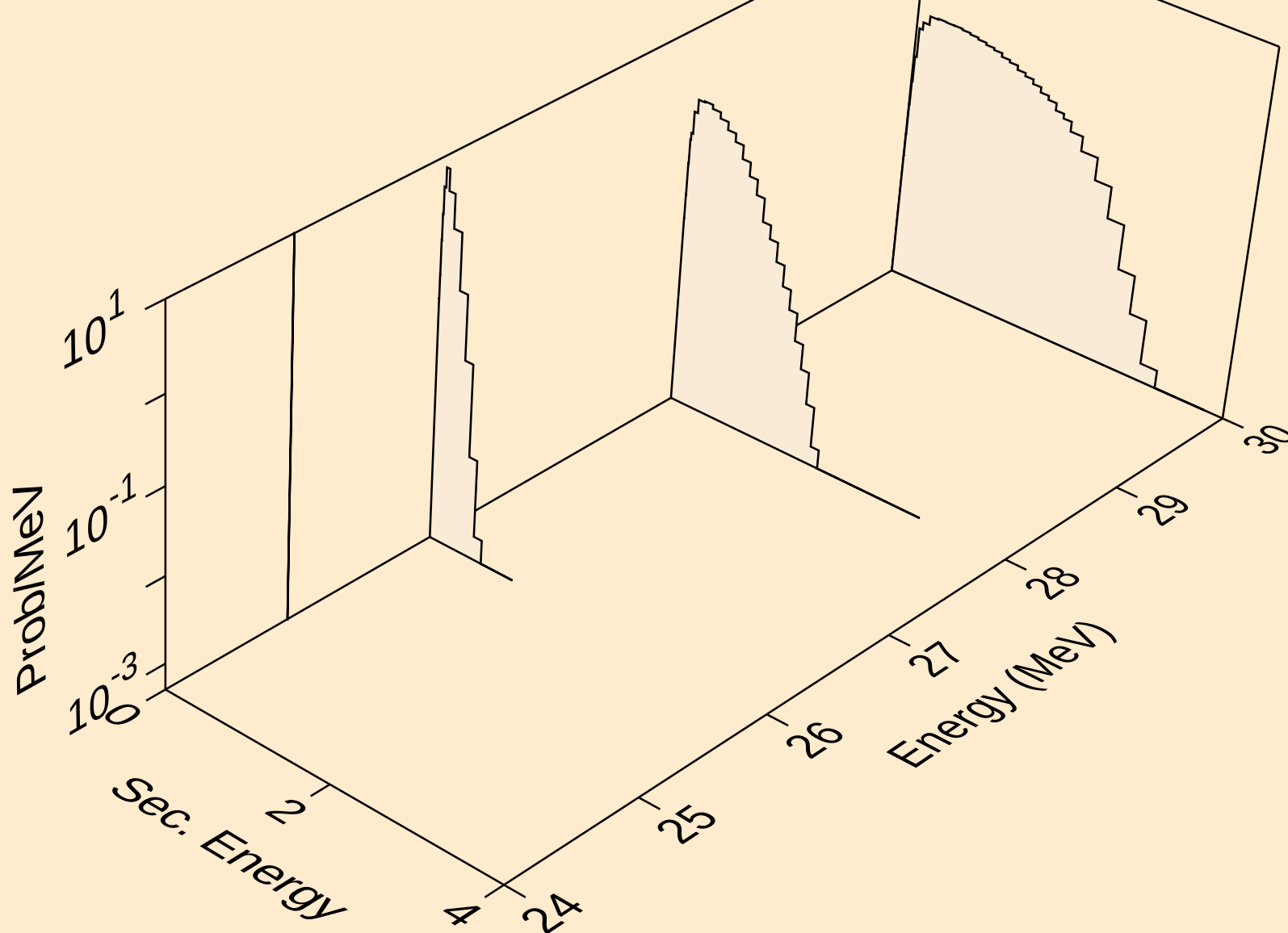
K038 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n*)d



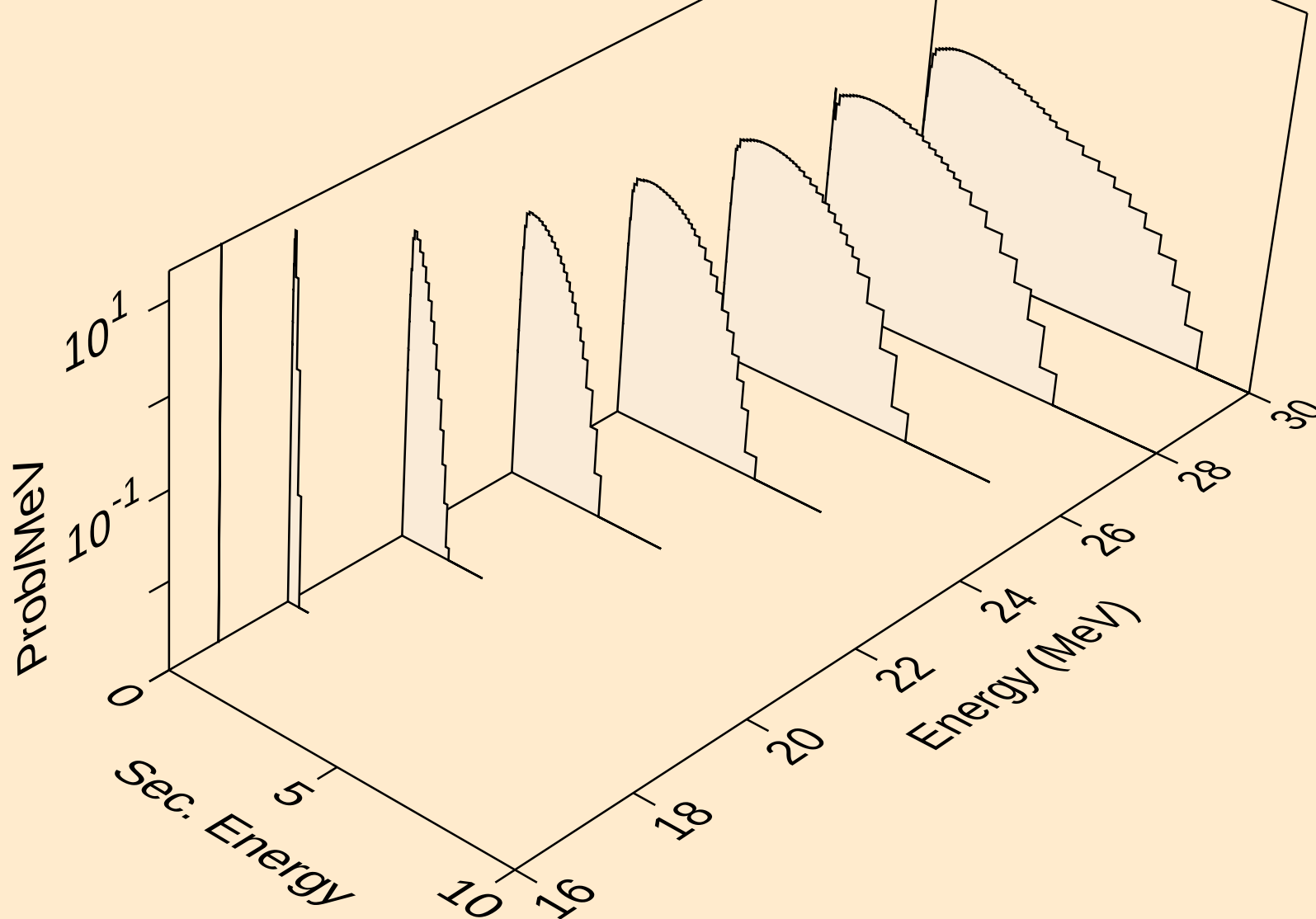
K038 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n*)he3



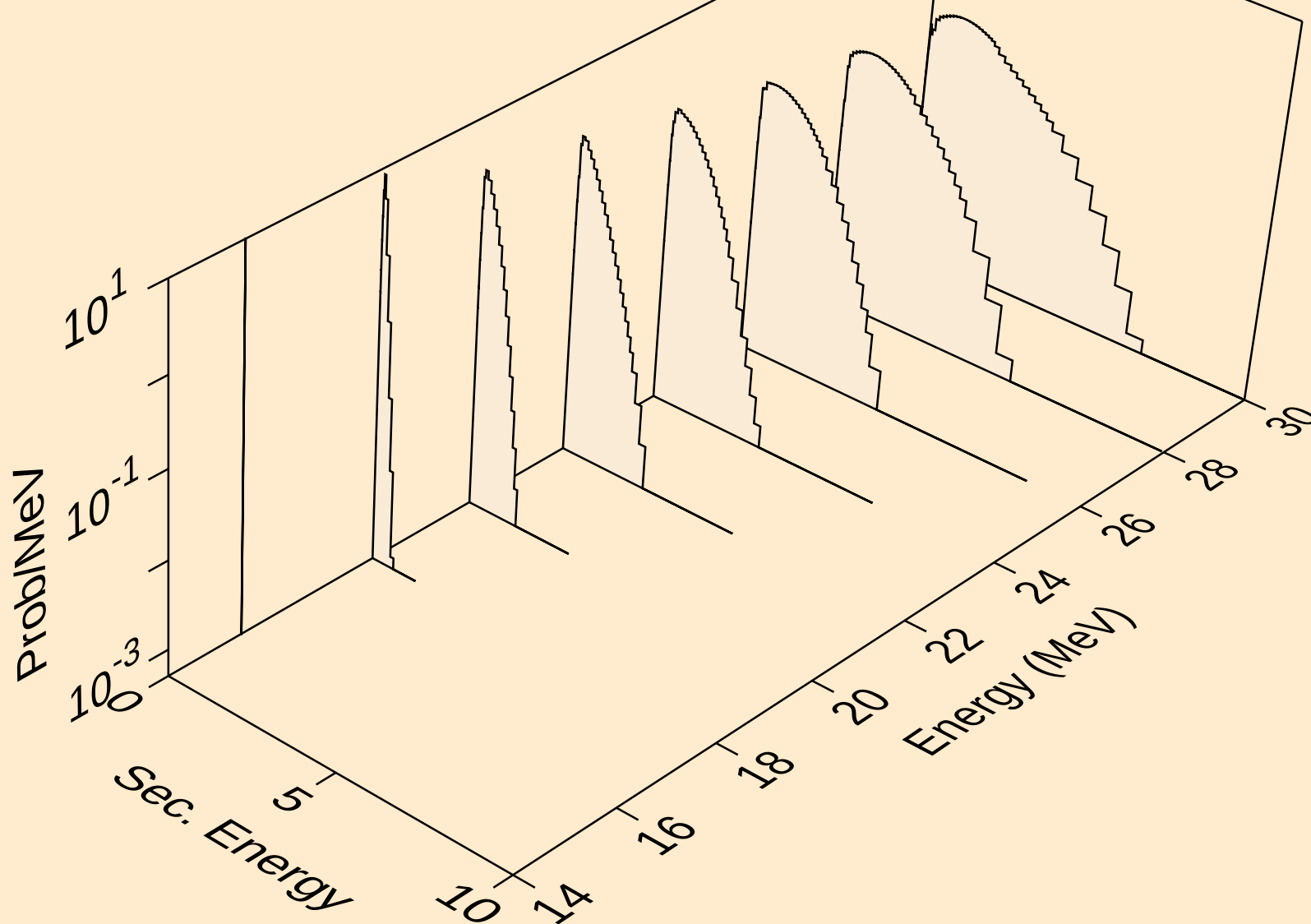
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neutrons from (a,2np)



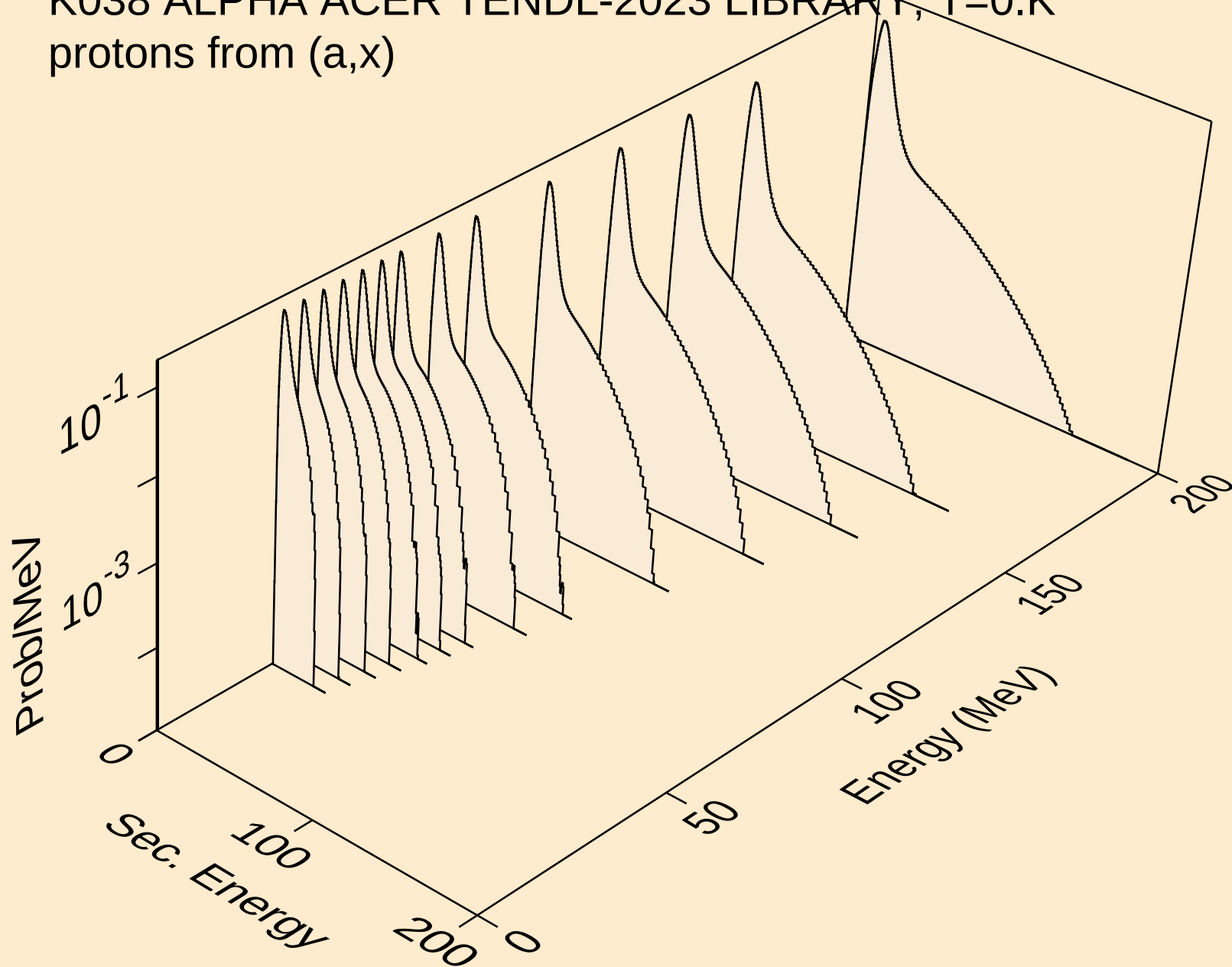
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neutrons from (a,n2p)



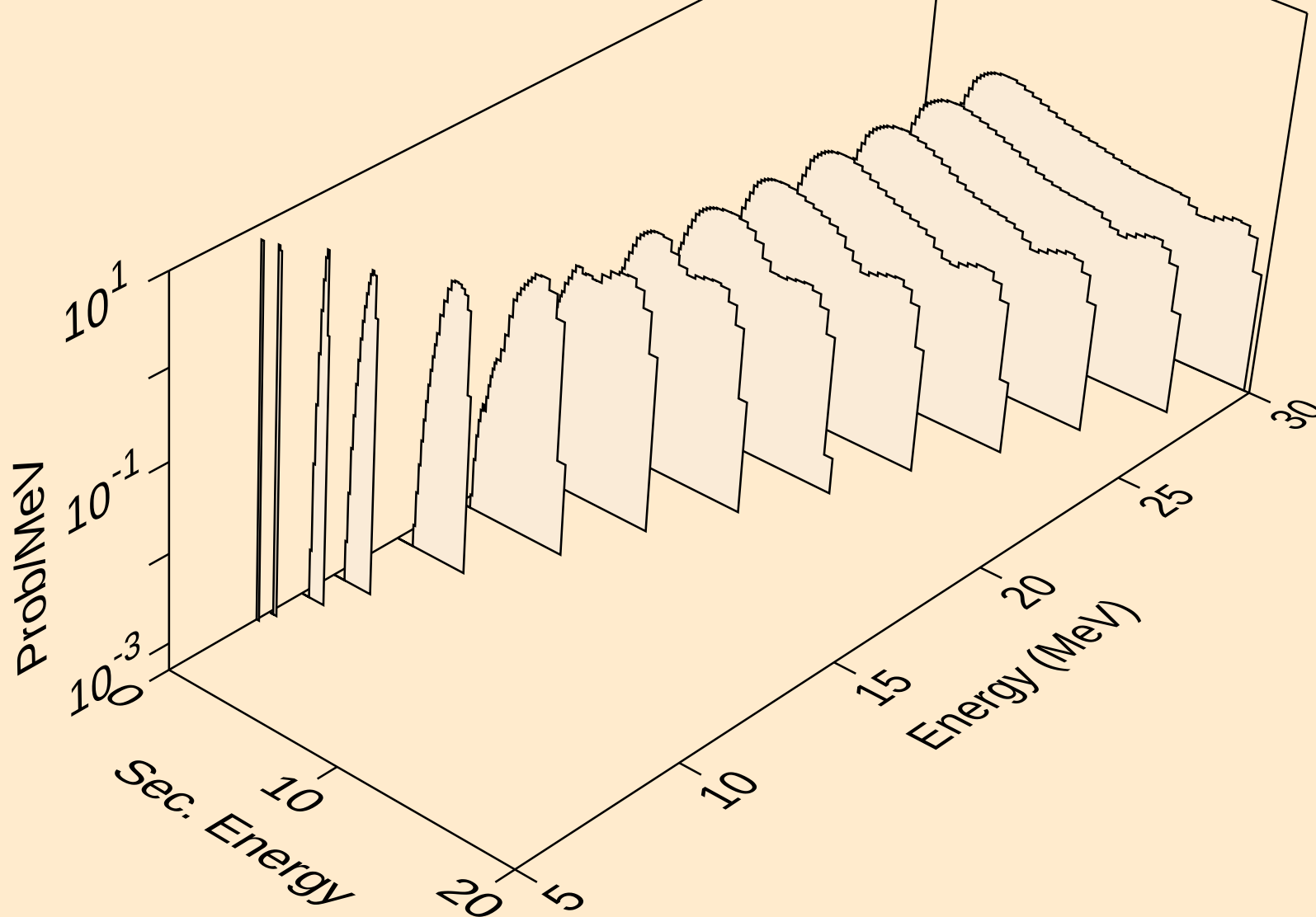
K038 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,npa)



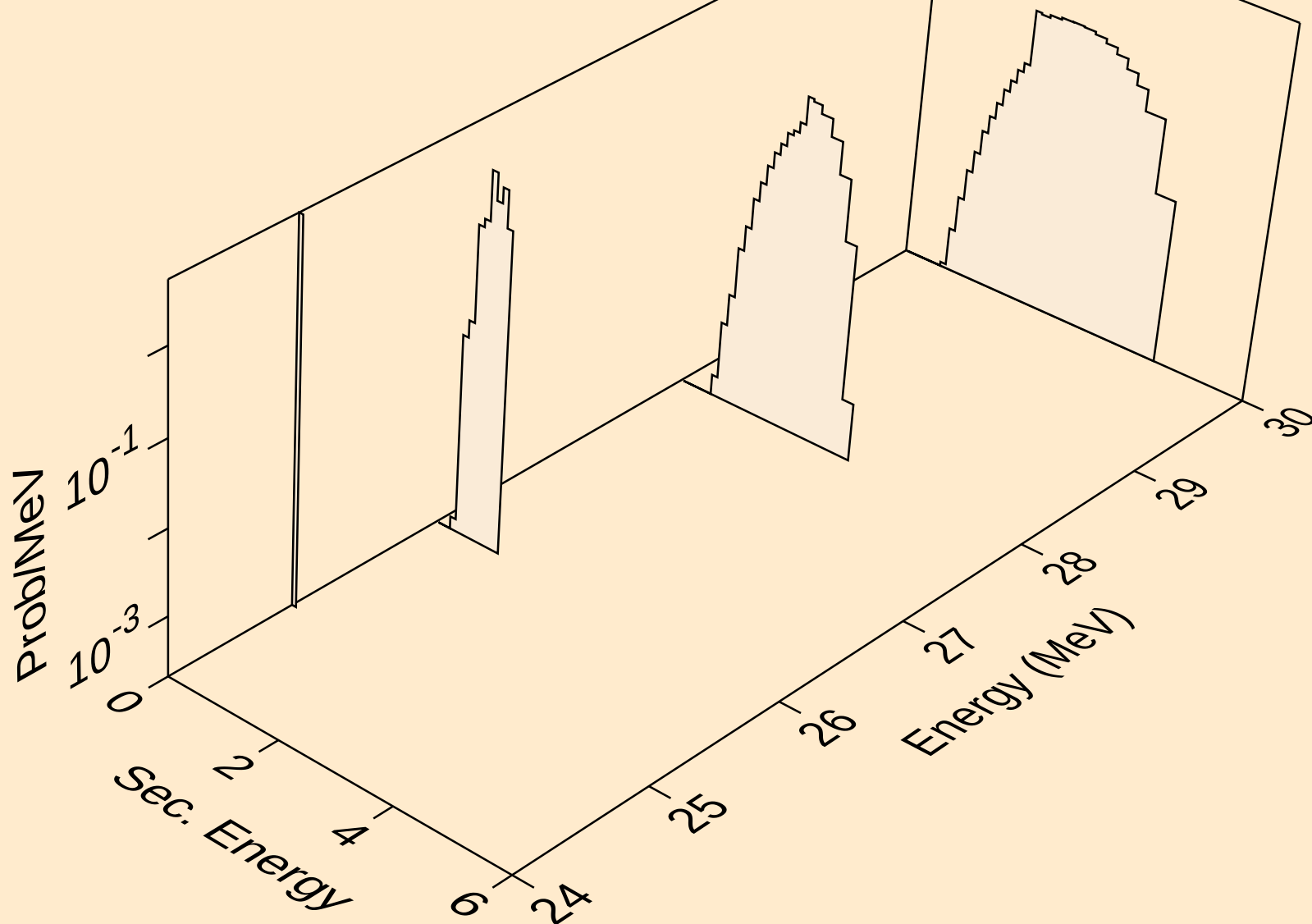
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protons from (a,x)



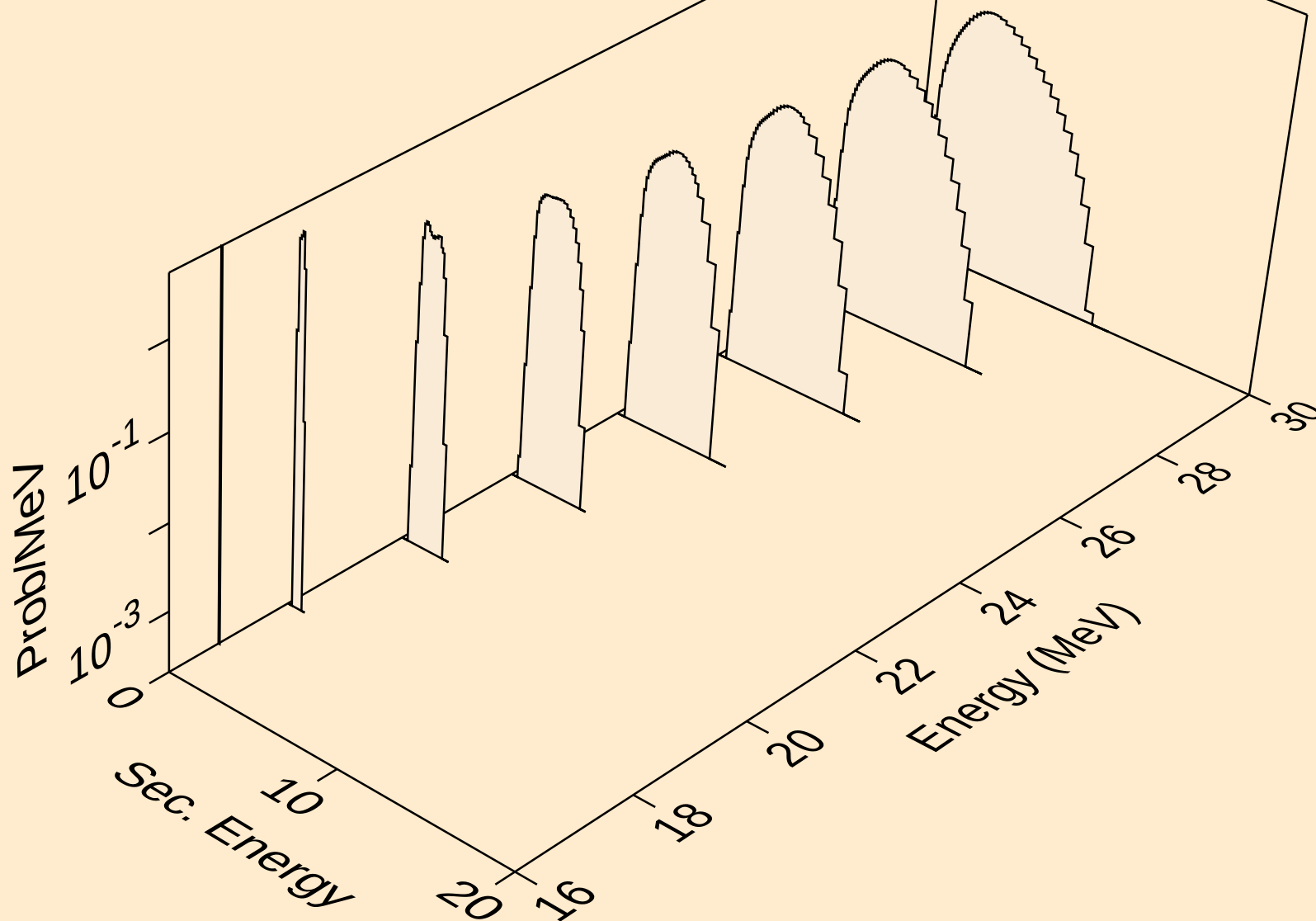
K038 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
protons from (a,n*)p



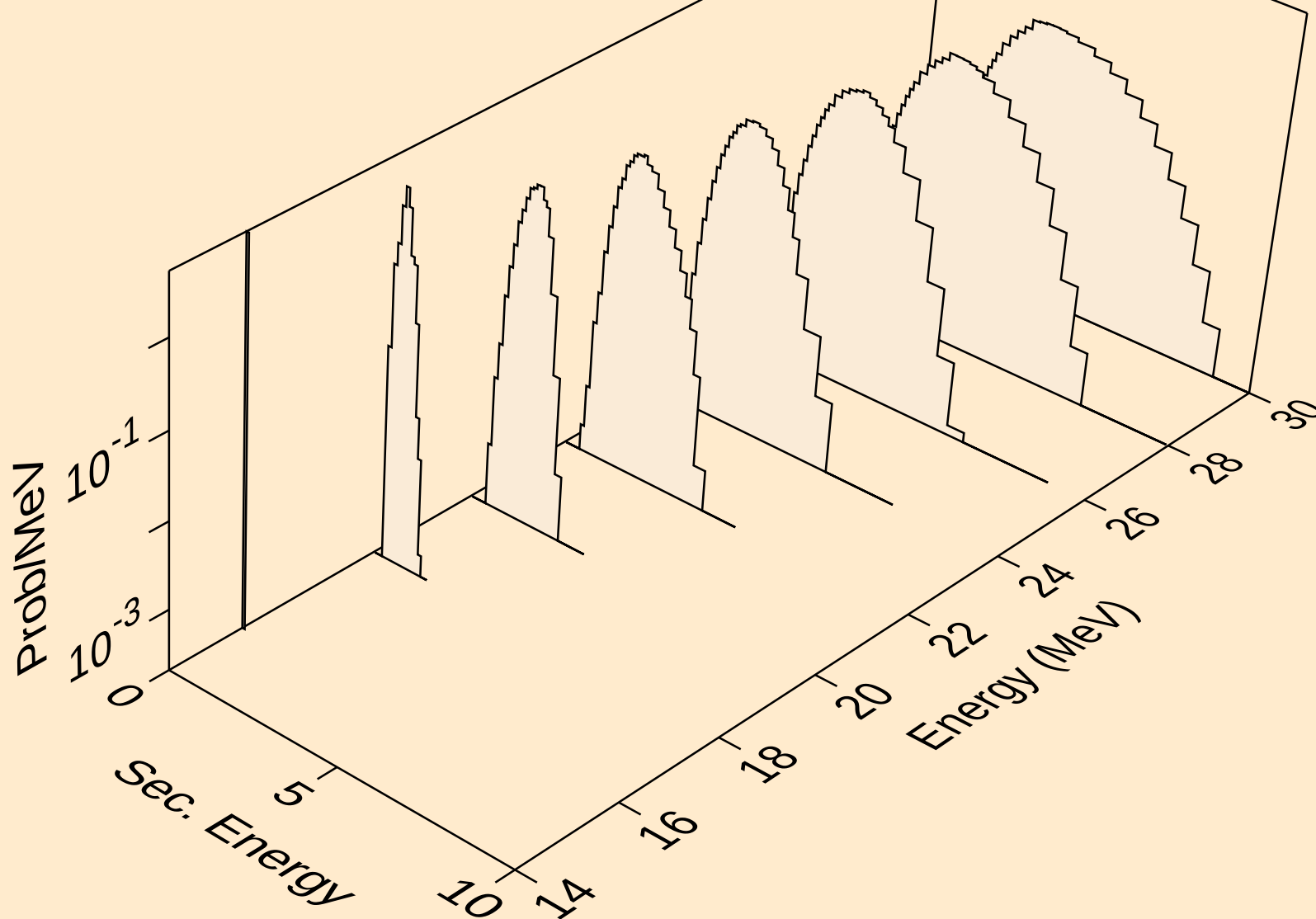
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protons from (a,2np)



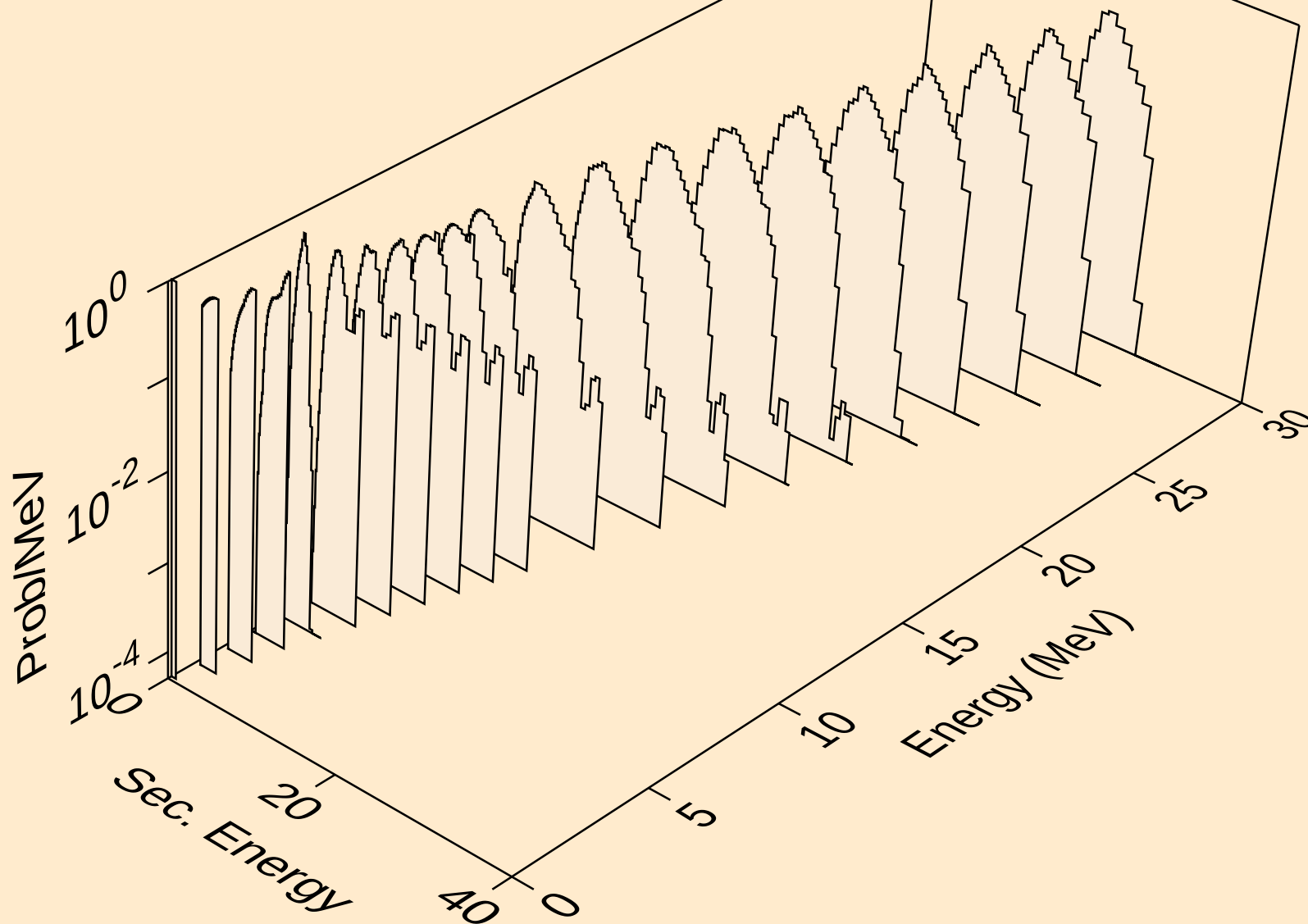
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protons from (a,n2p)



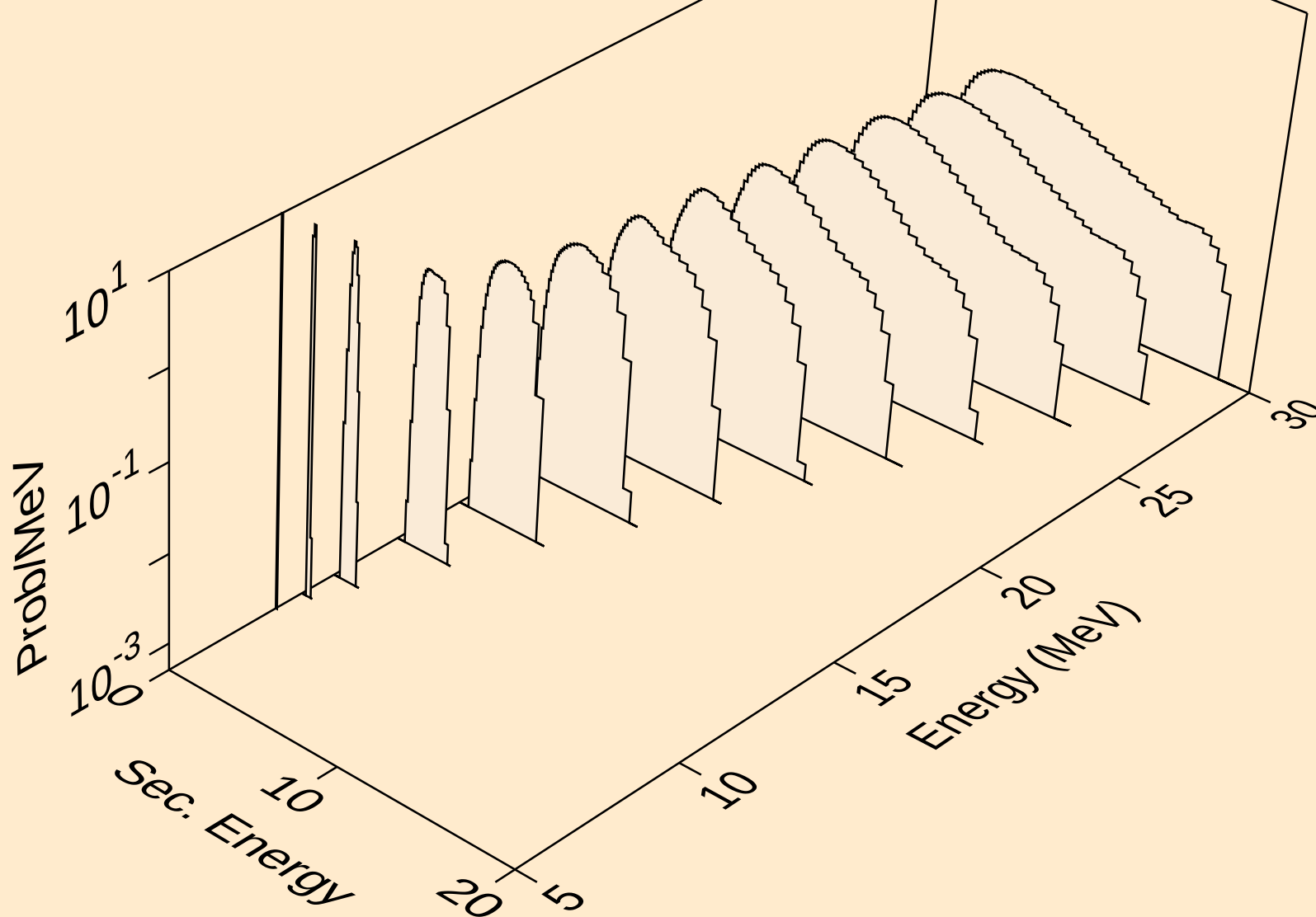
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protons from (a,npa)



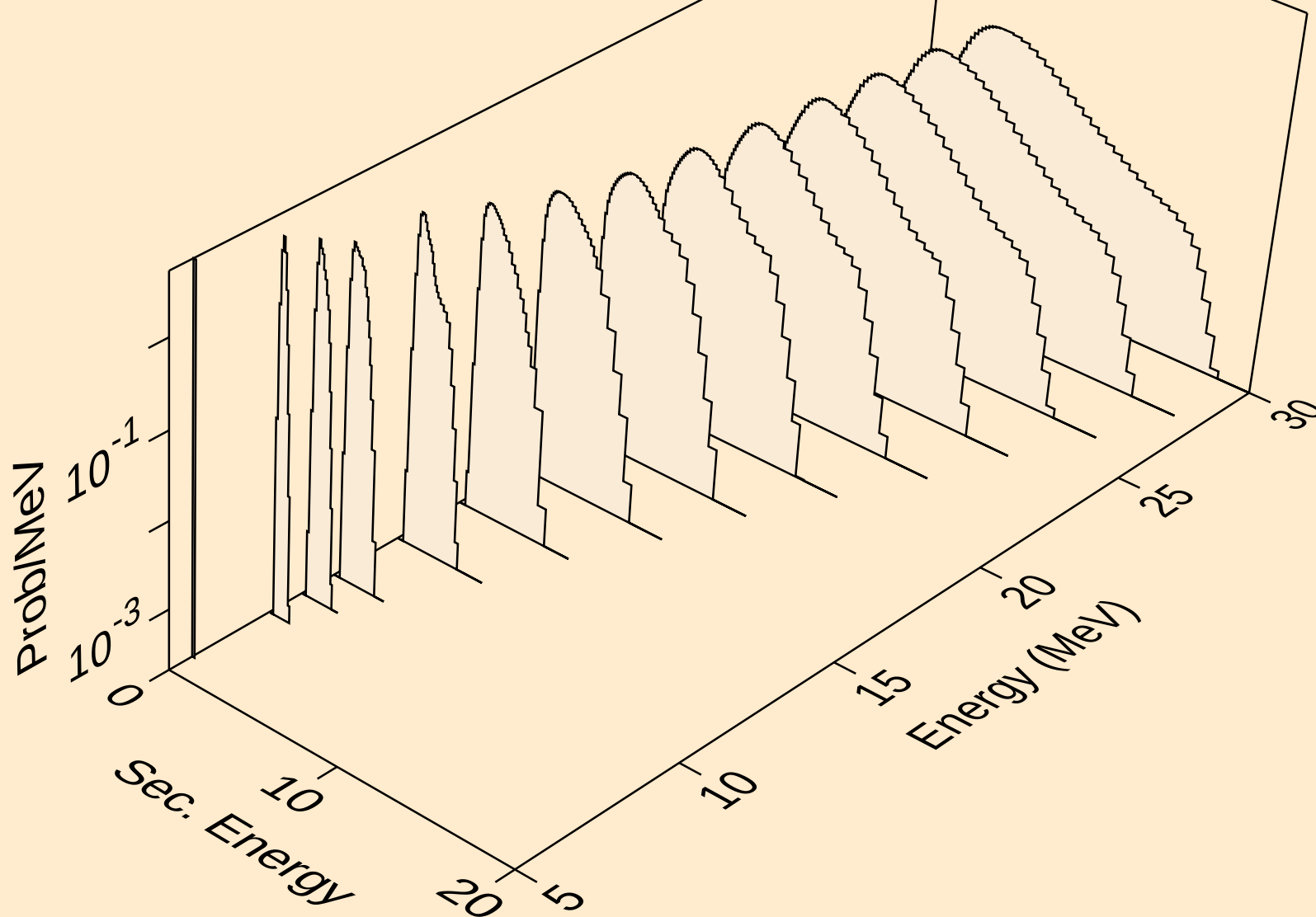
K038 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
protons from (a,p)



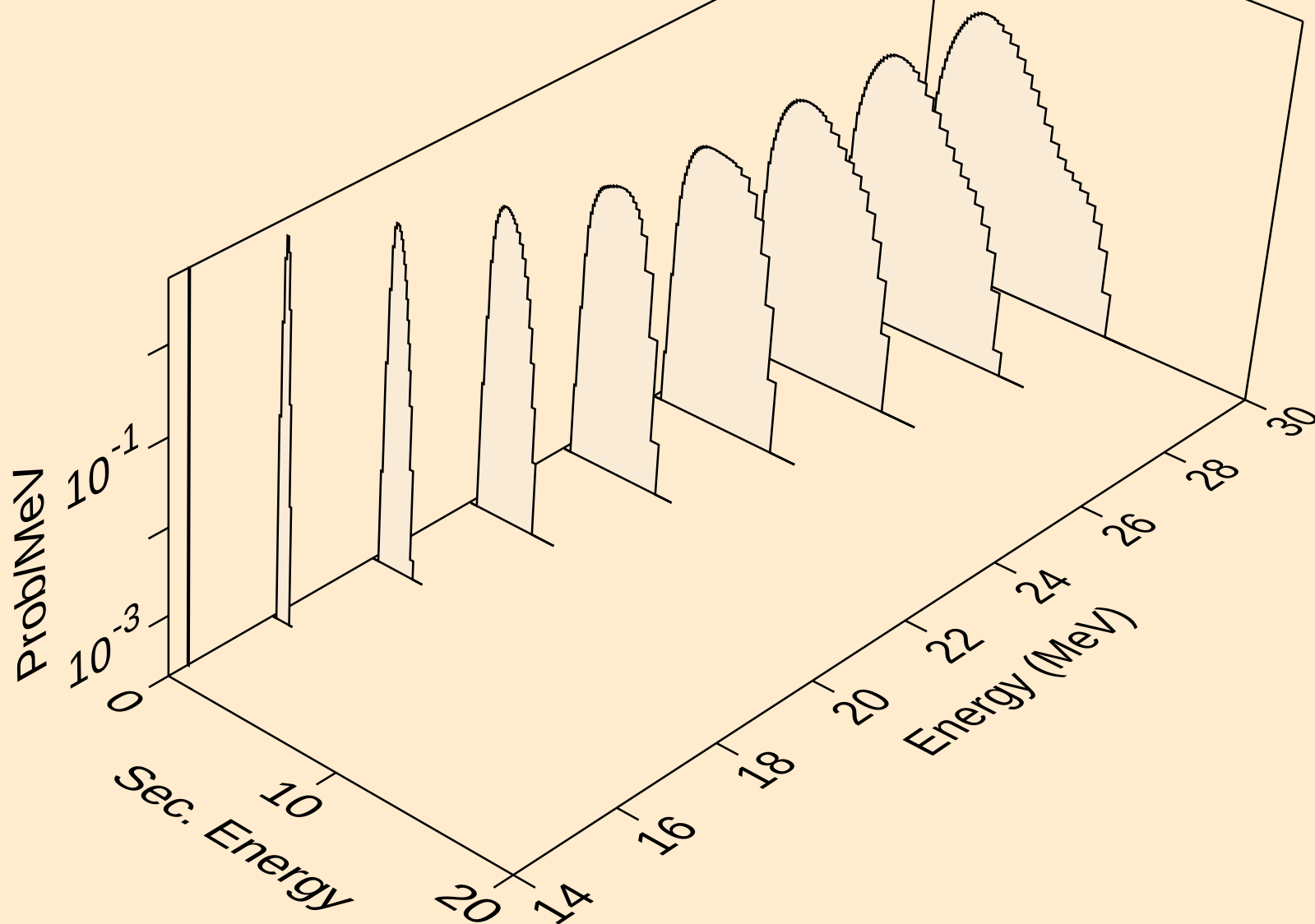
K038 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
protons from (a,2p)



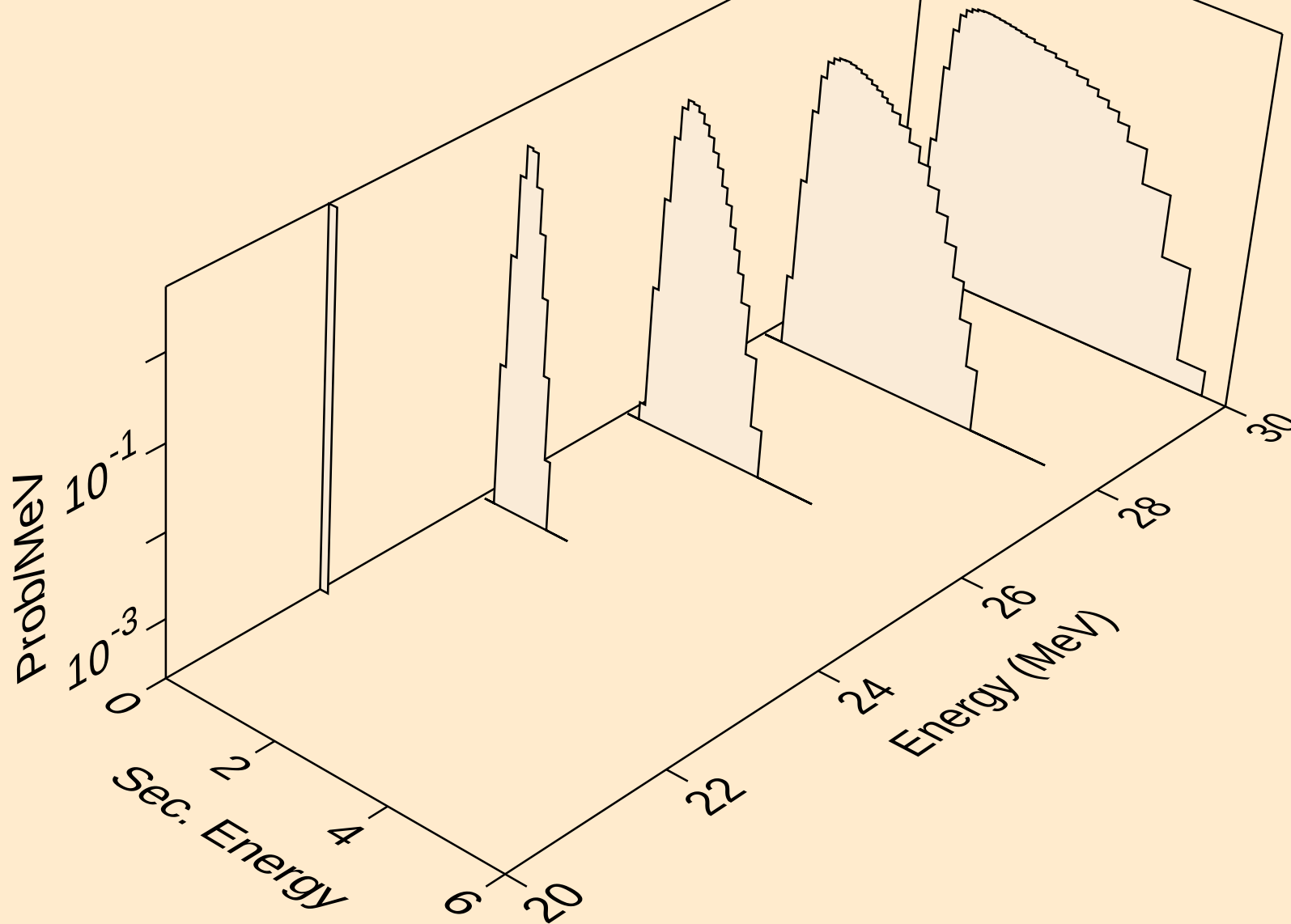
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protons from (a,pa)



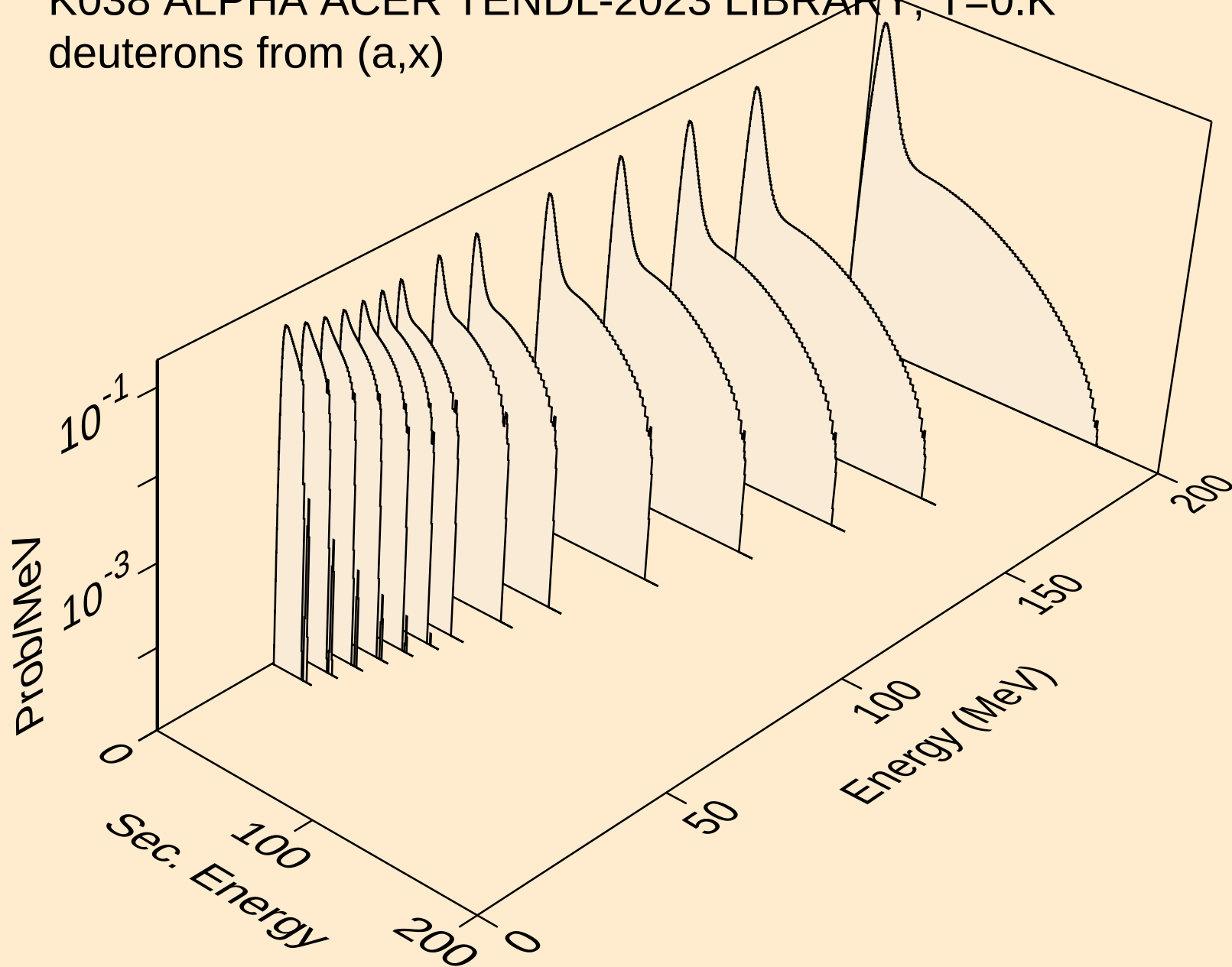
K038 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
protons from (a,pd)



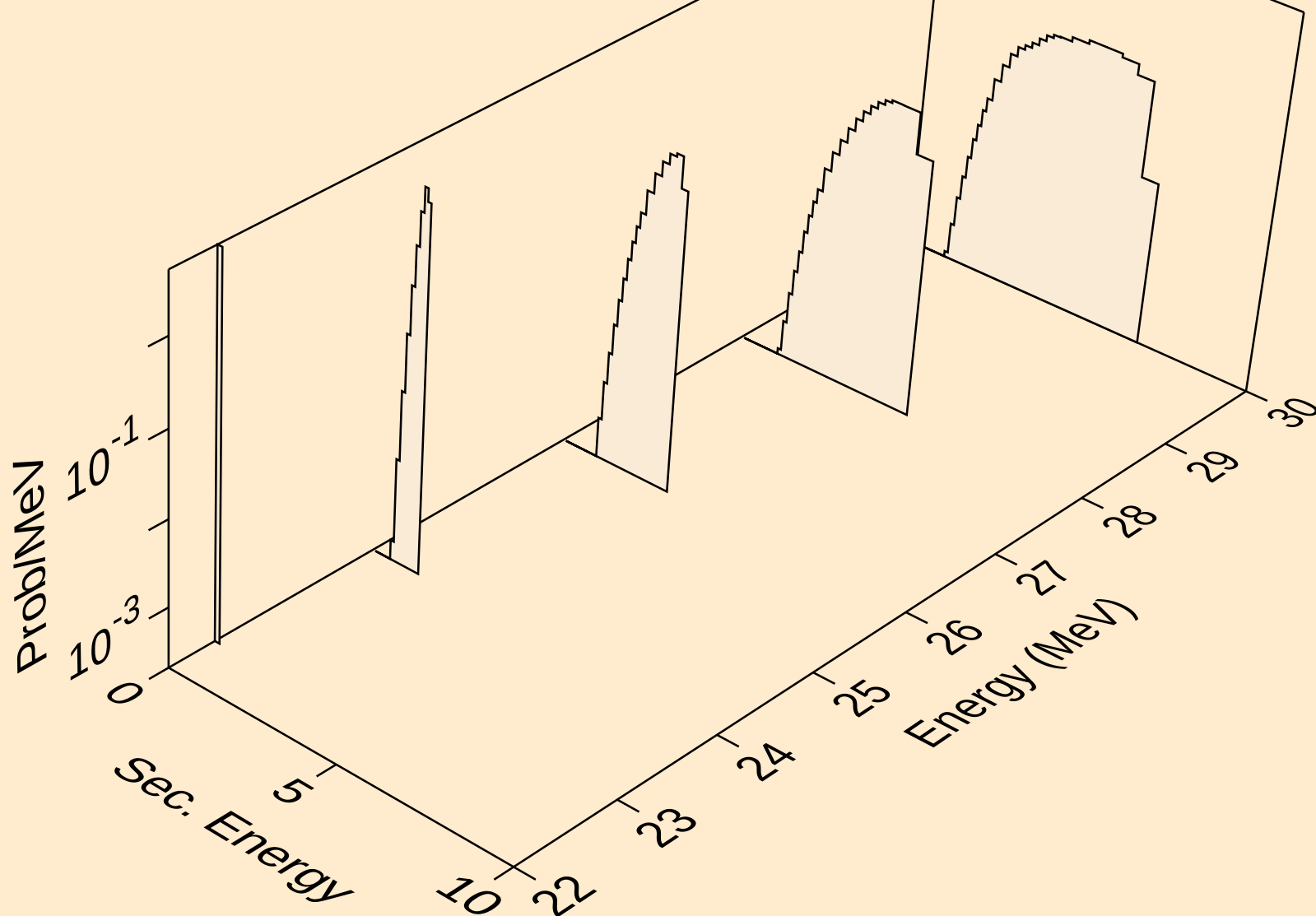
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protons from (a,pt)



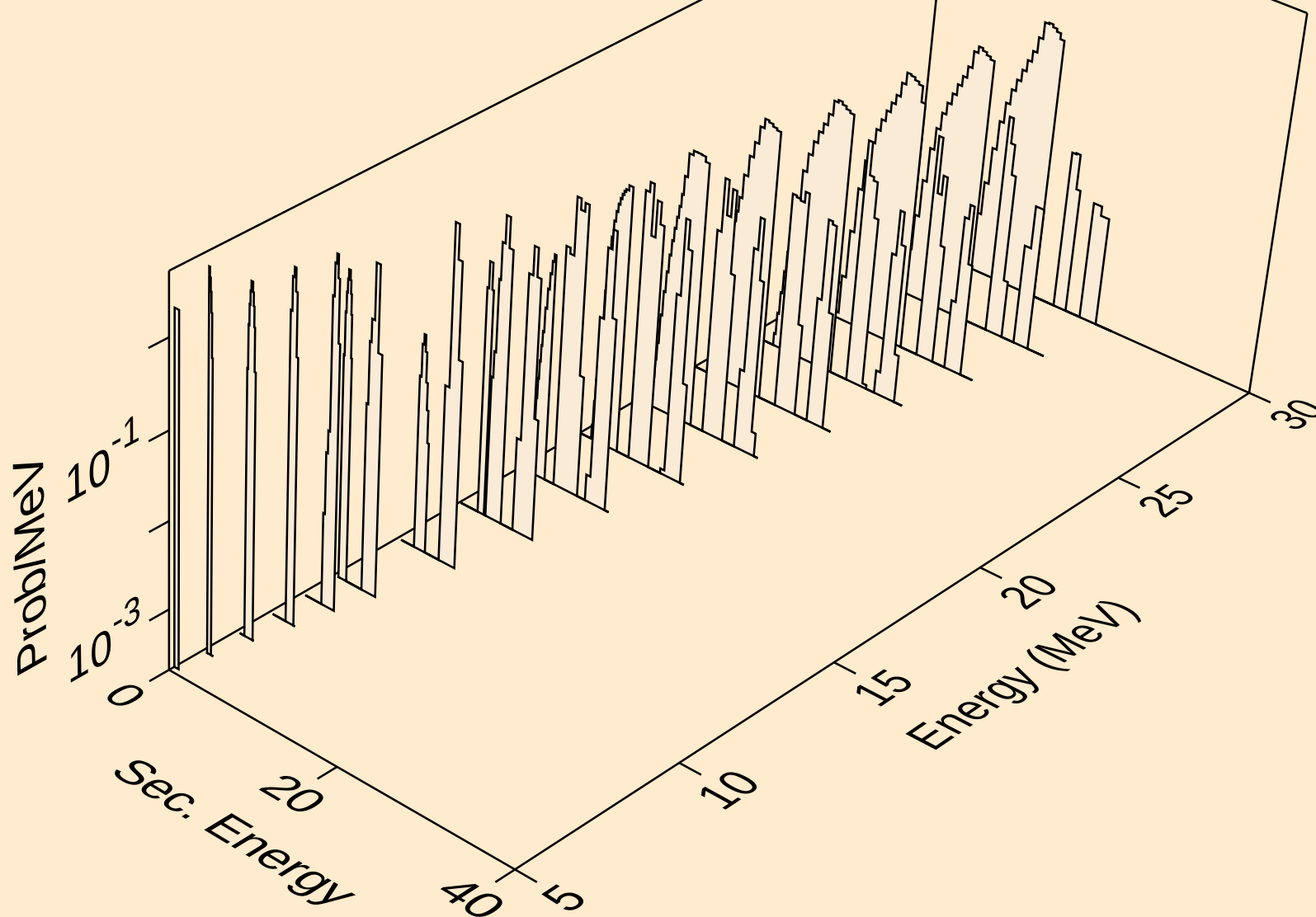
K038 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (a,x)



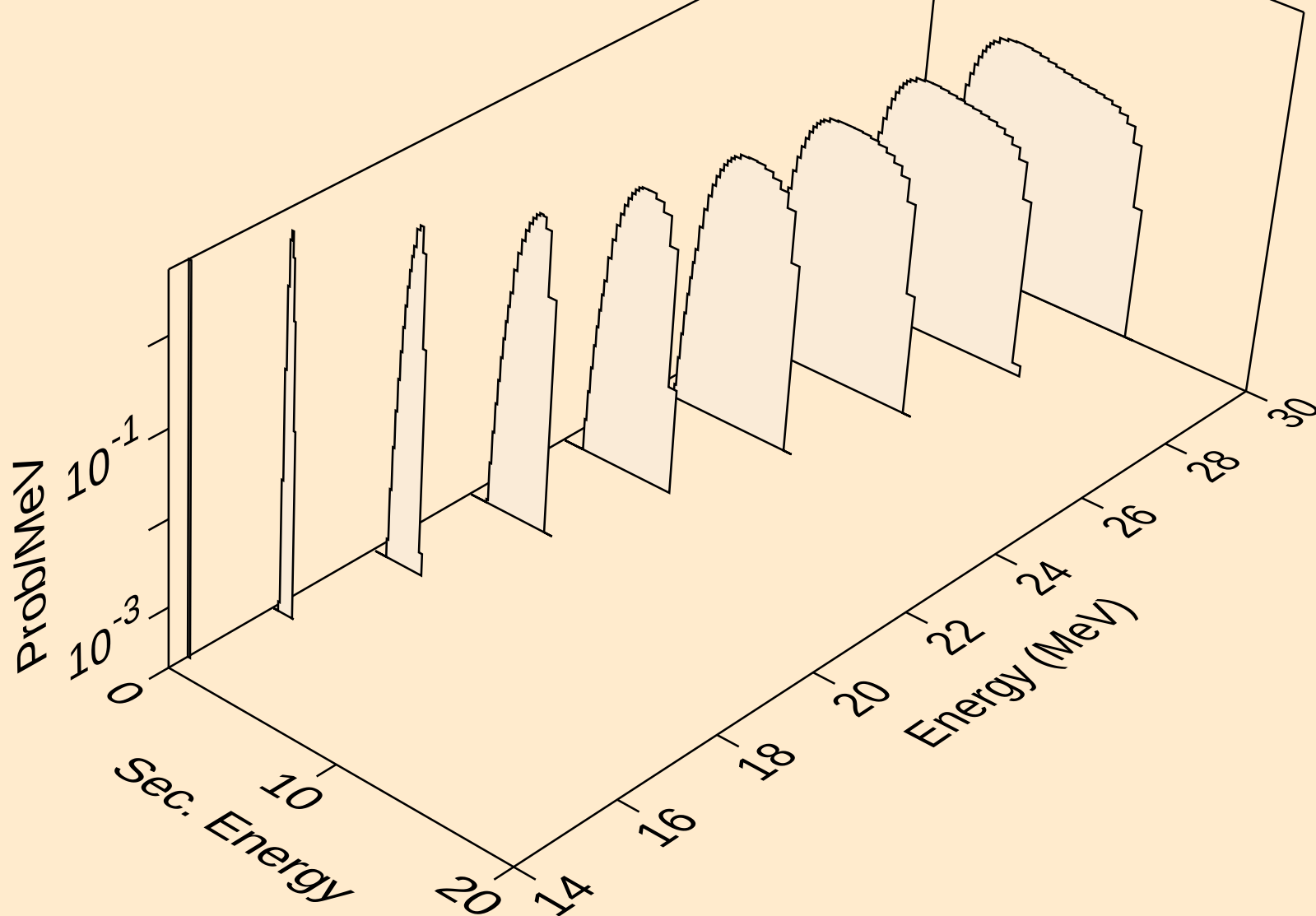
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deuterons from (a,n*)d



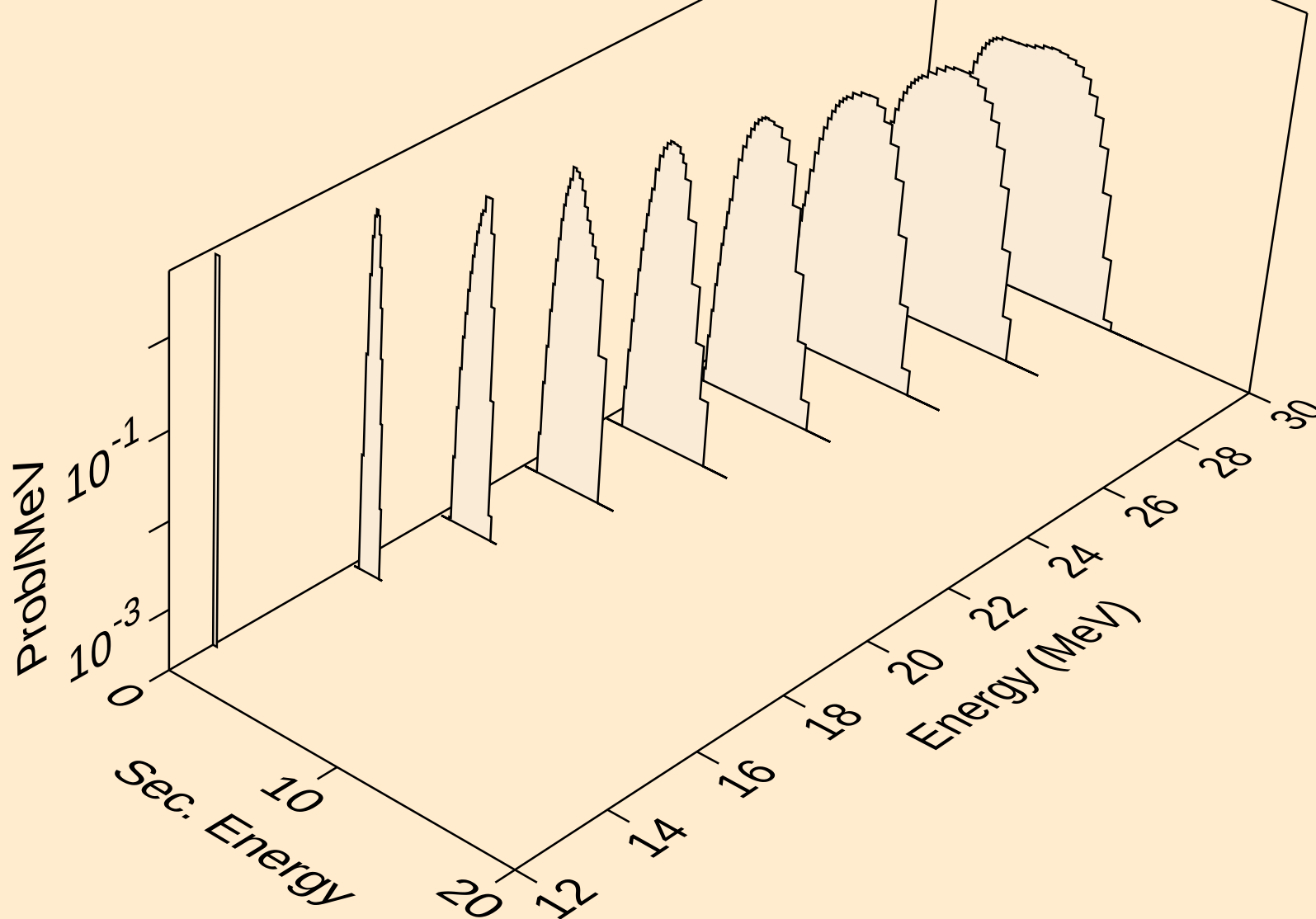
K038 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (a,d)



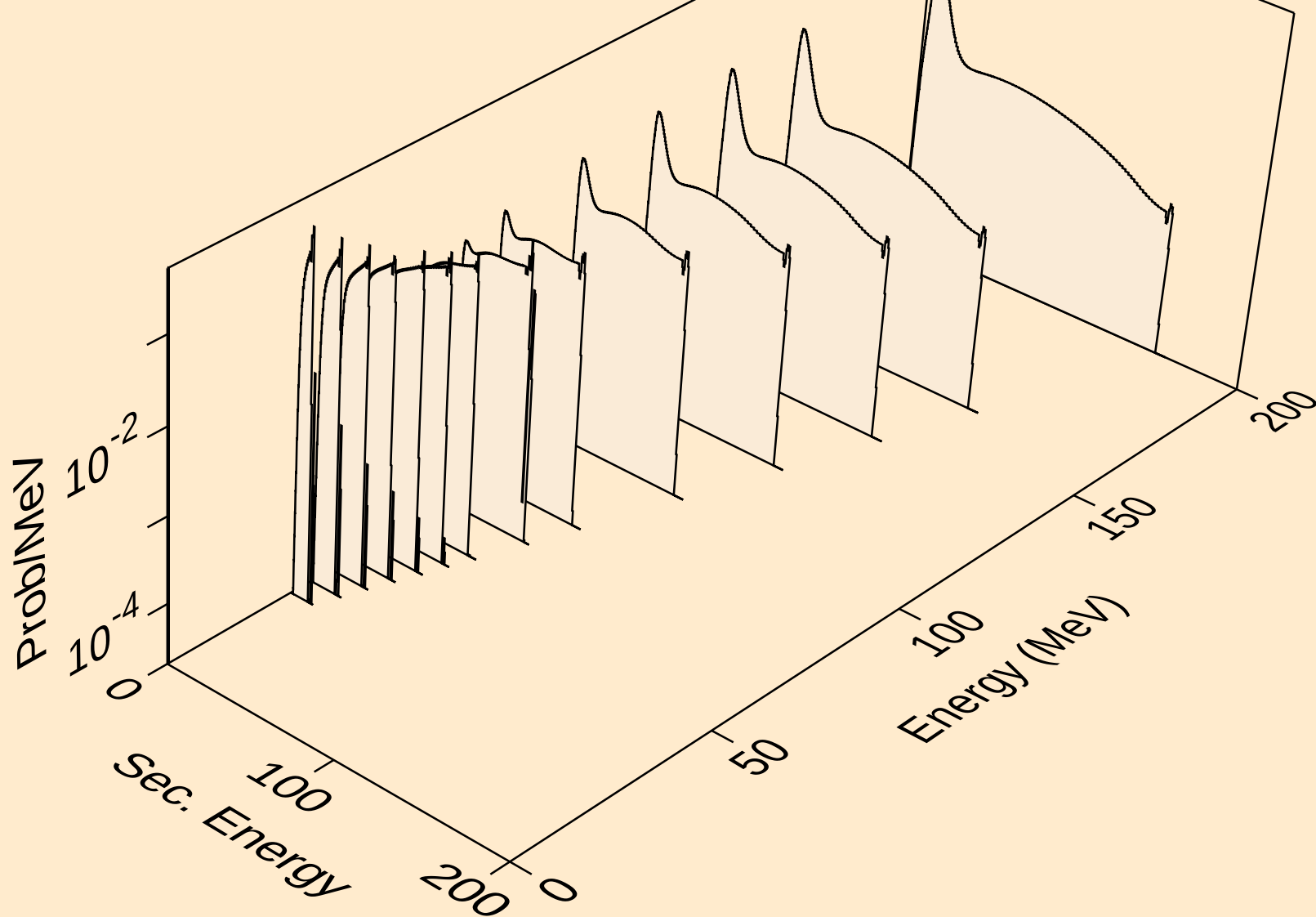
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deuterons from (a,pd)



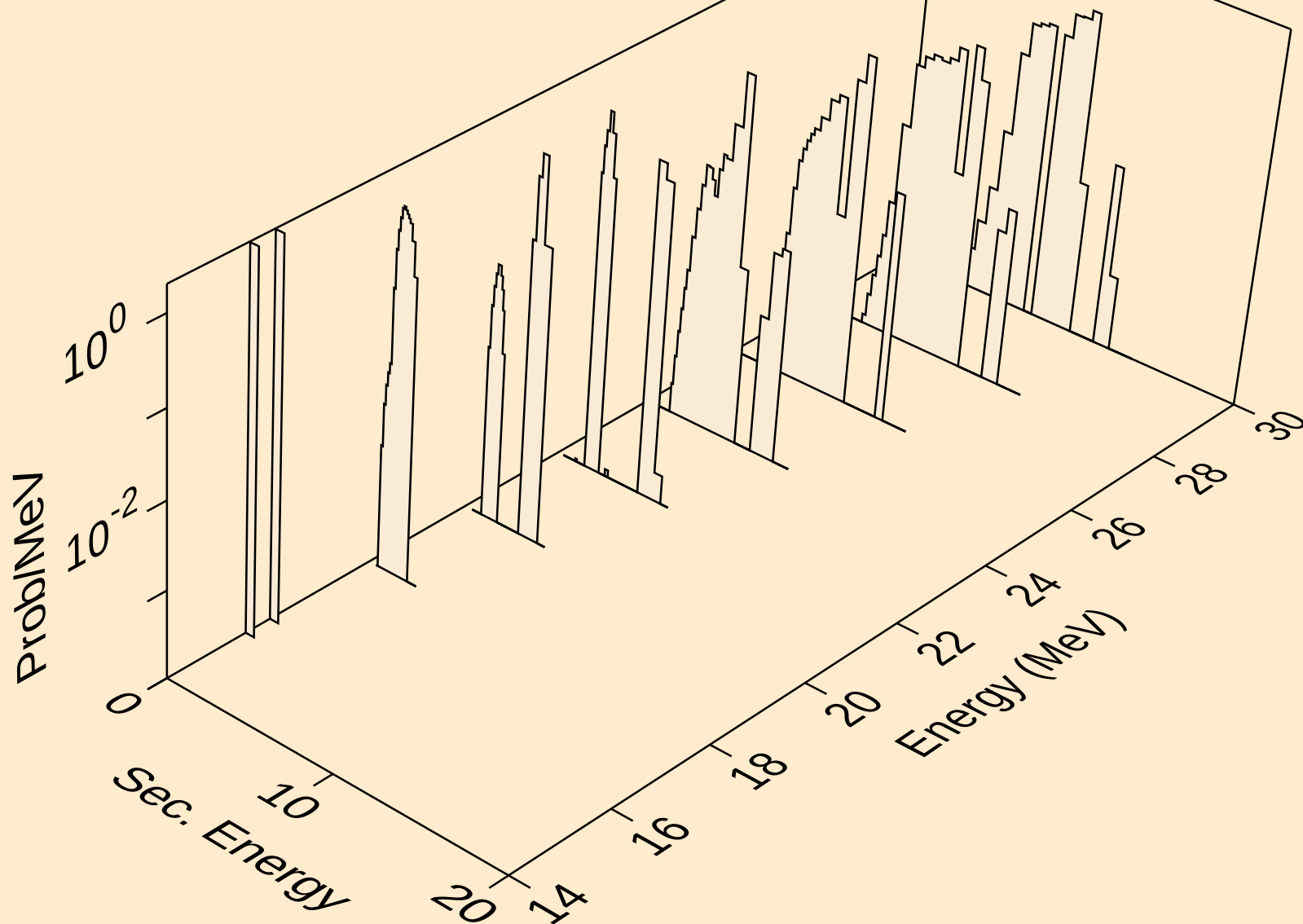
K038 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (a,da)



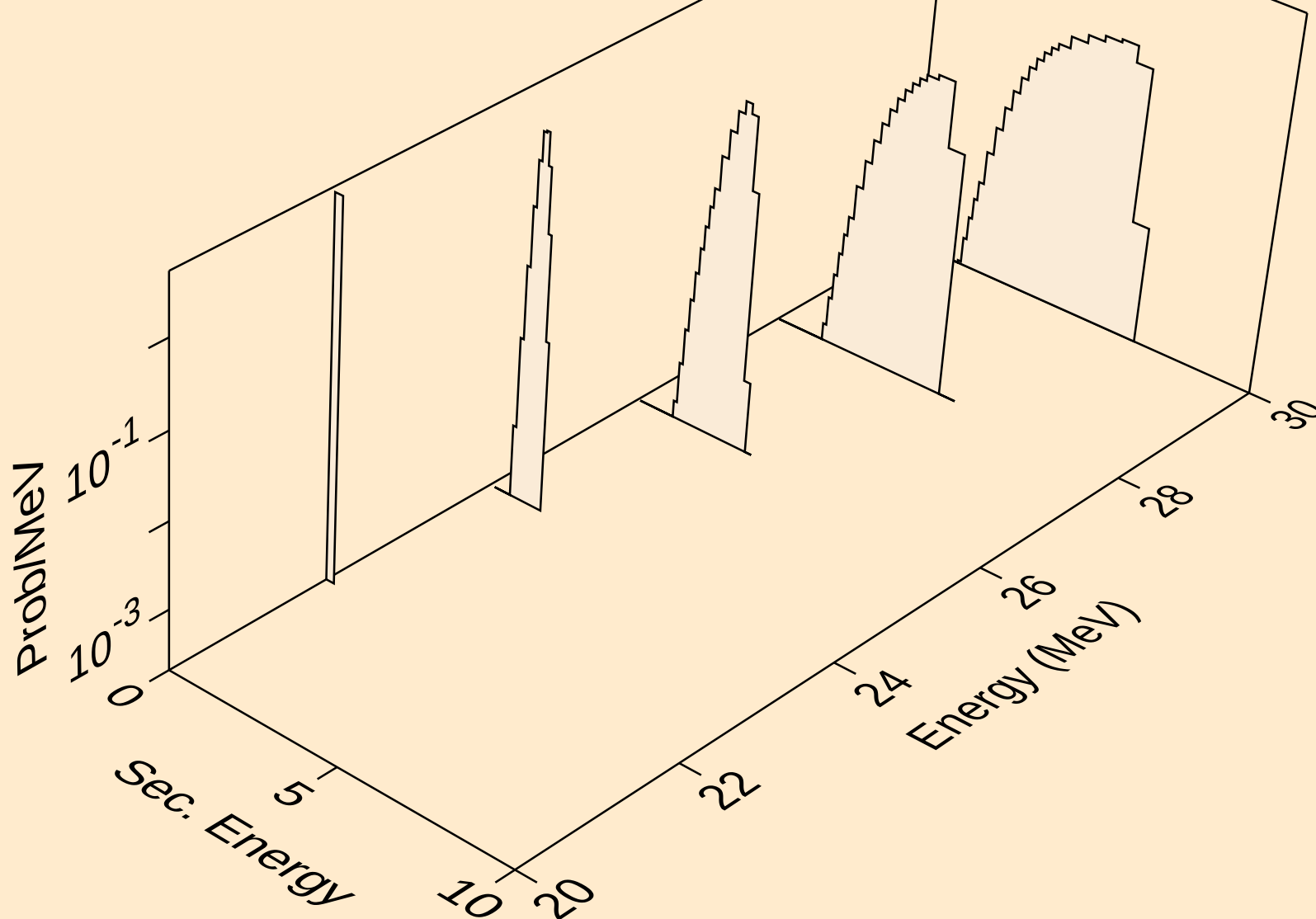
K038 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
tritons from (a,x)



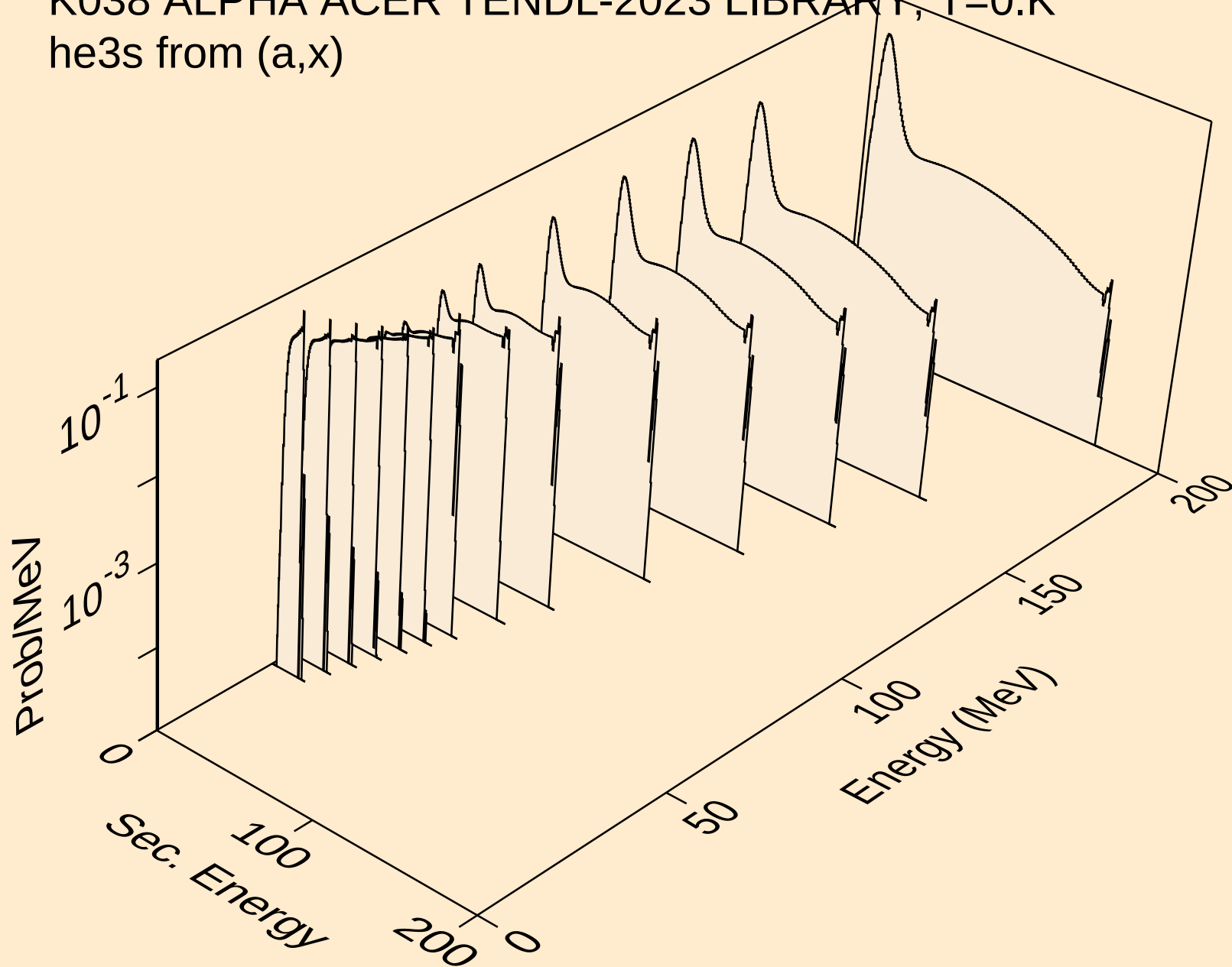
K038 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
tritons from (a,t)



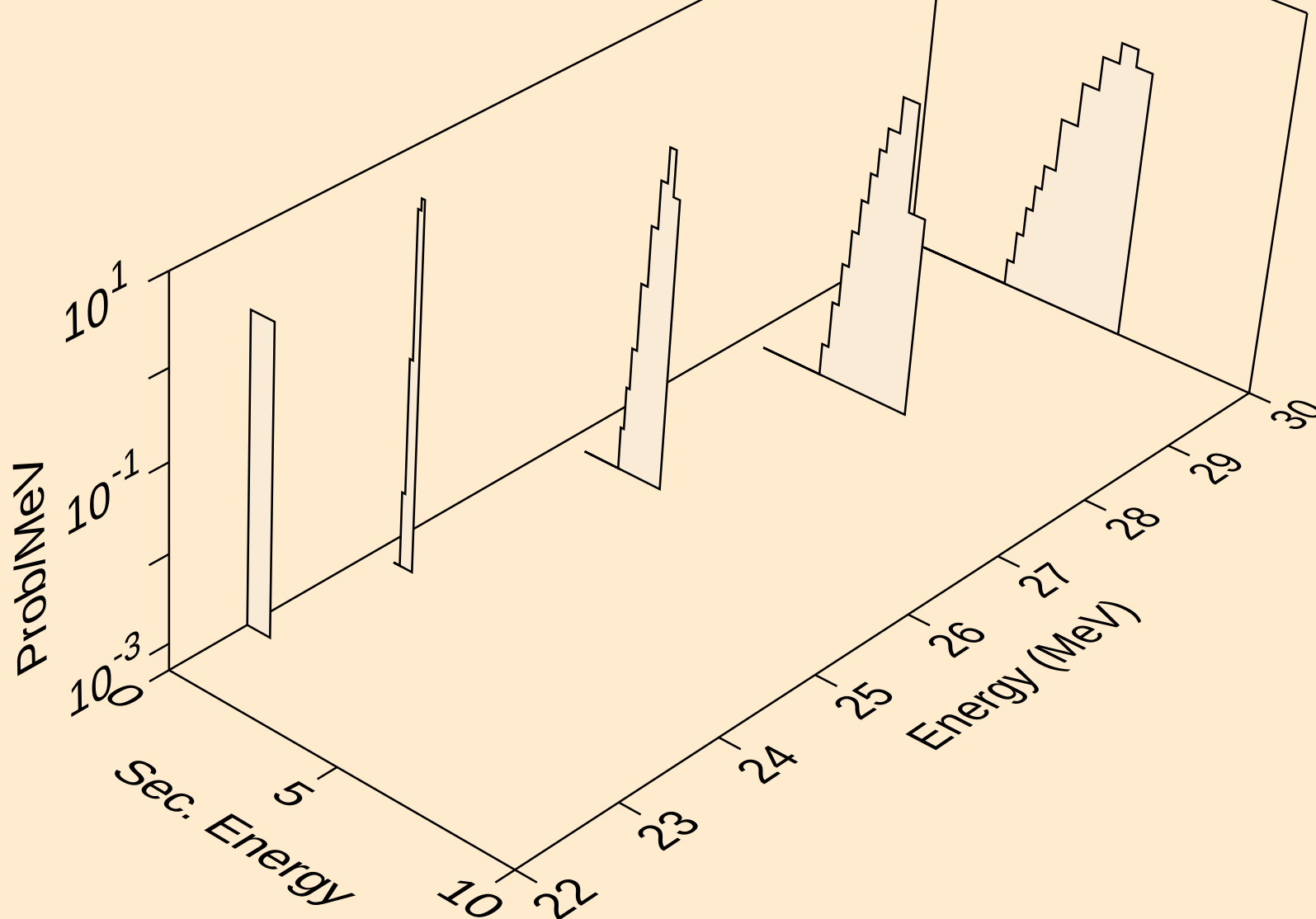
K038 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
tritons from (a,pt)



K038 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
he3s from (a,x)



K038 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
he3s from (a,n*)he3



K038 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
he3s from (a,he3)

