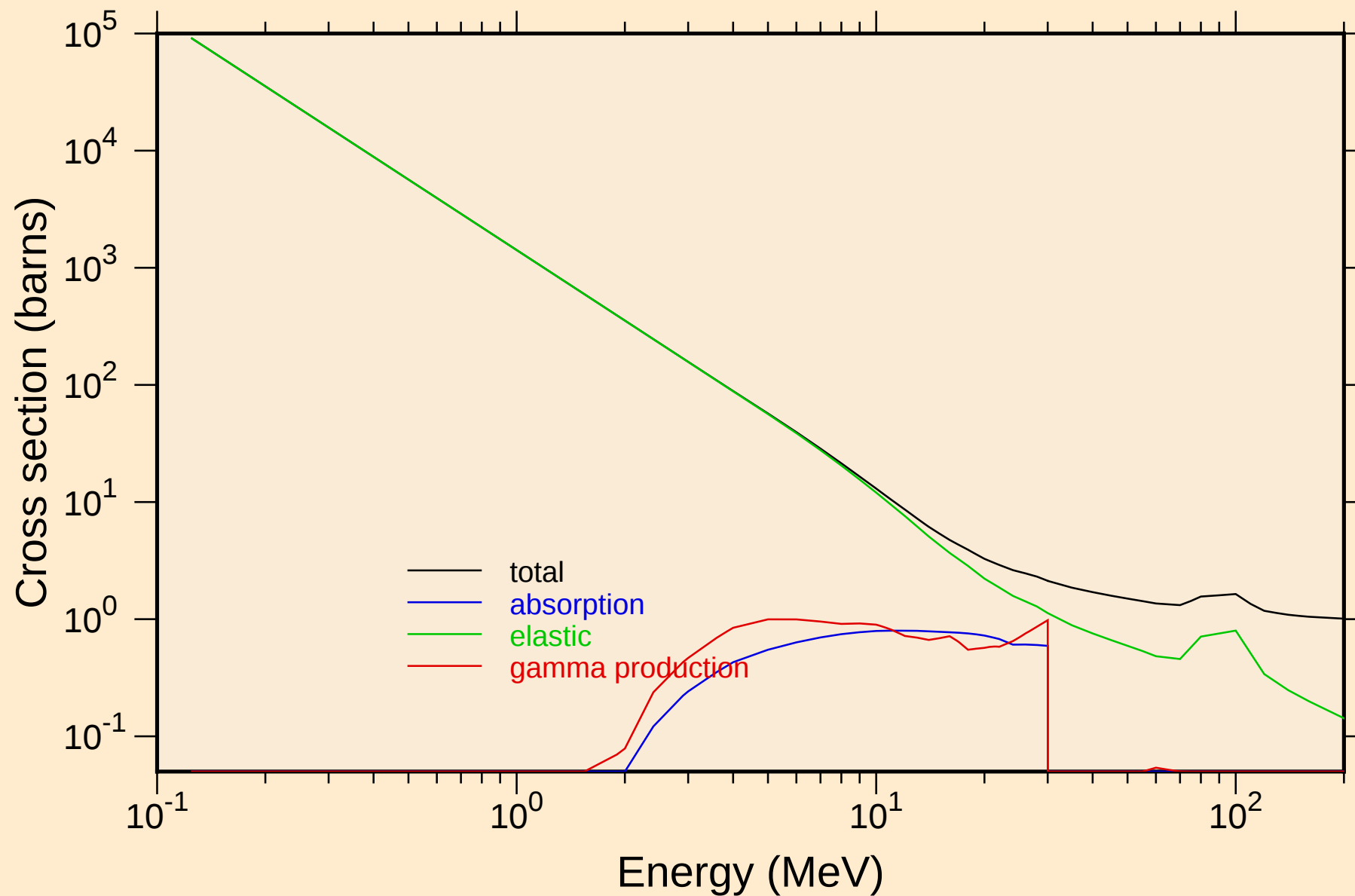


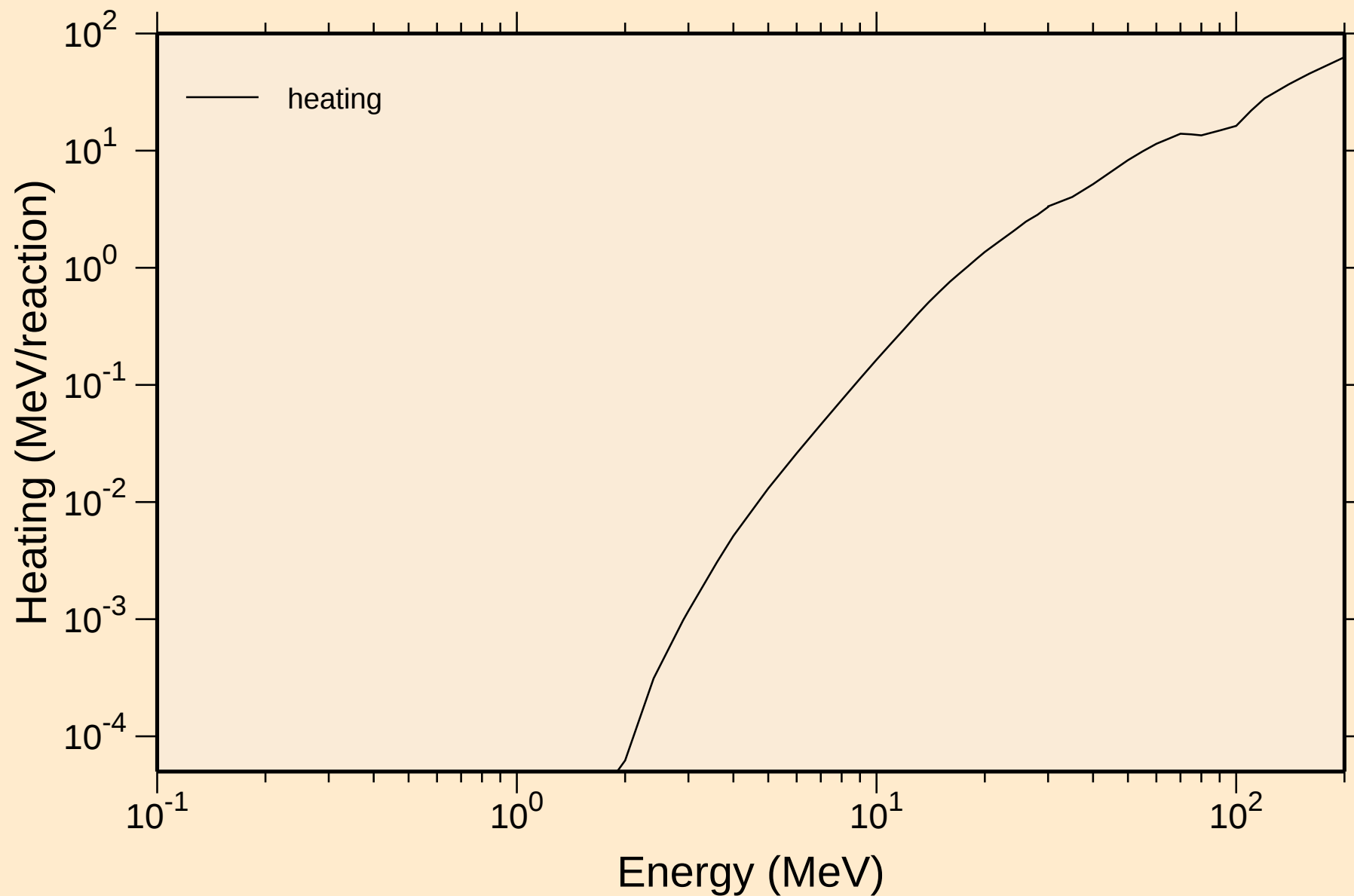
C015 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



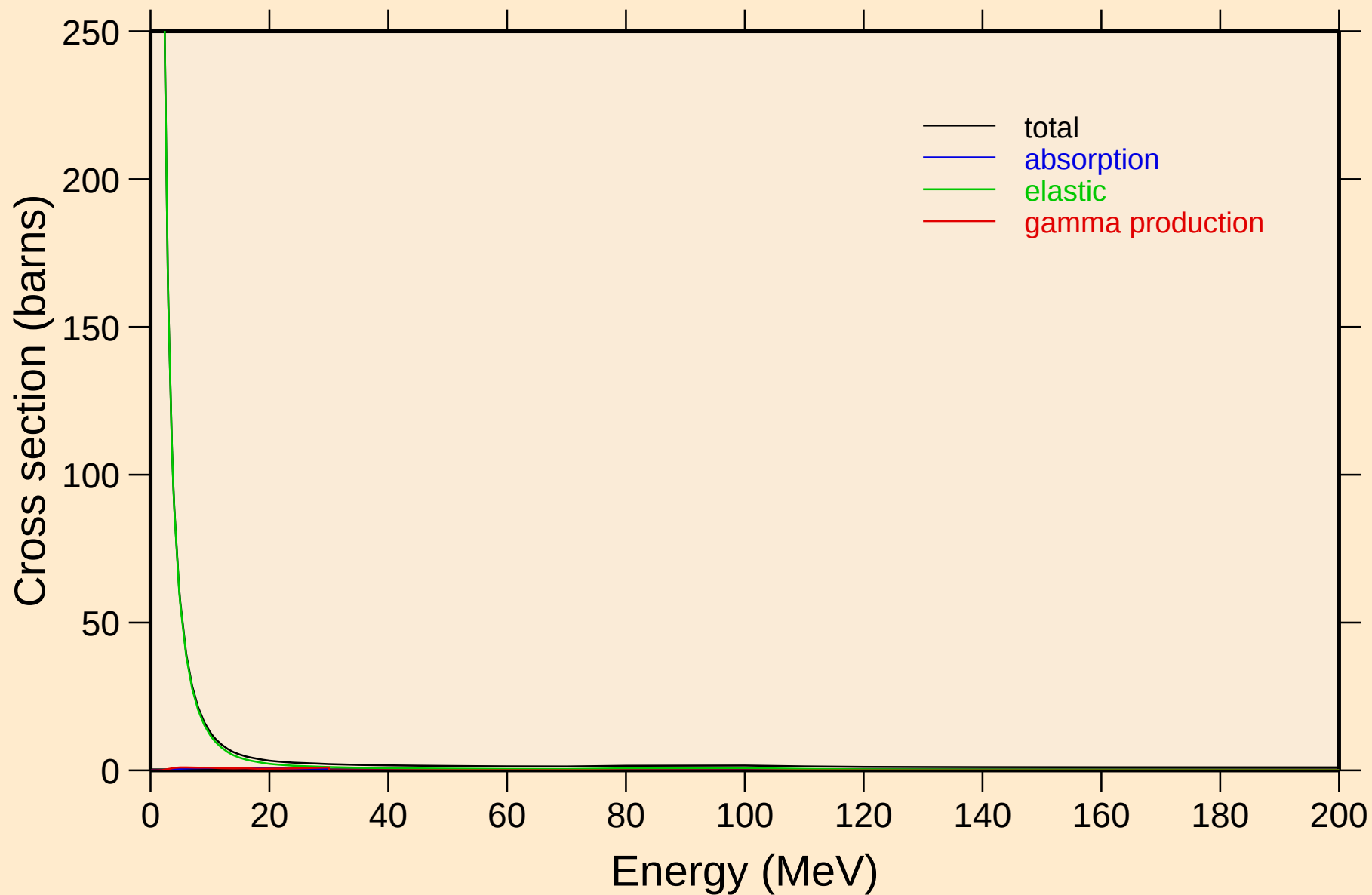
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Heating



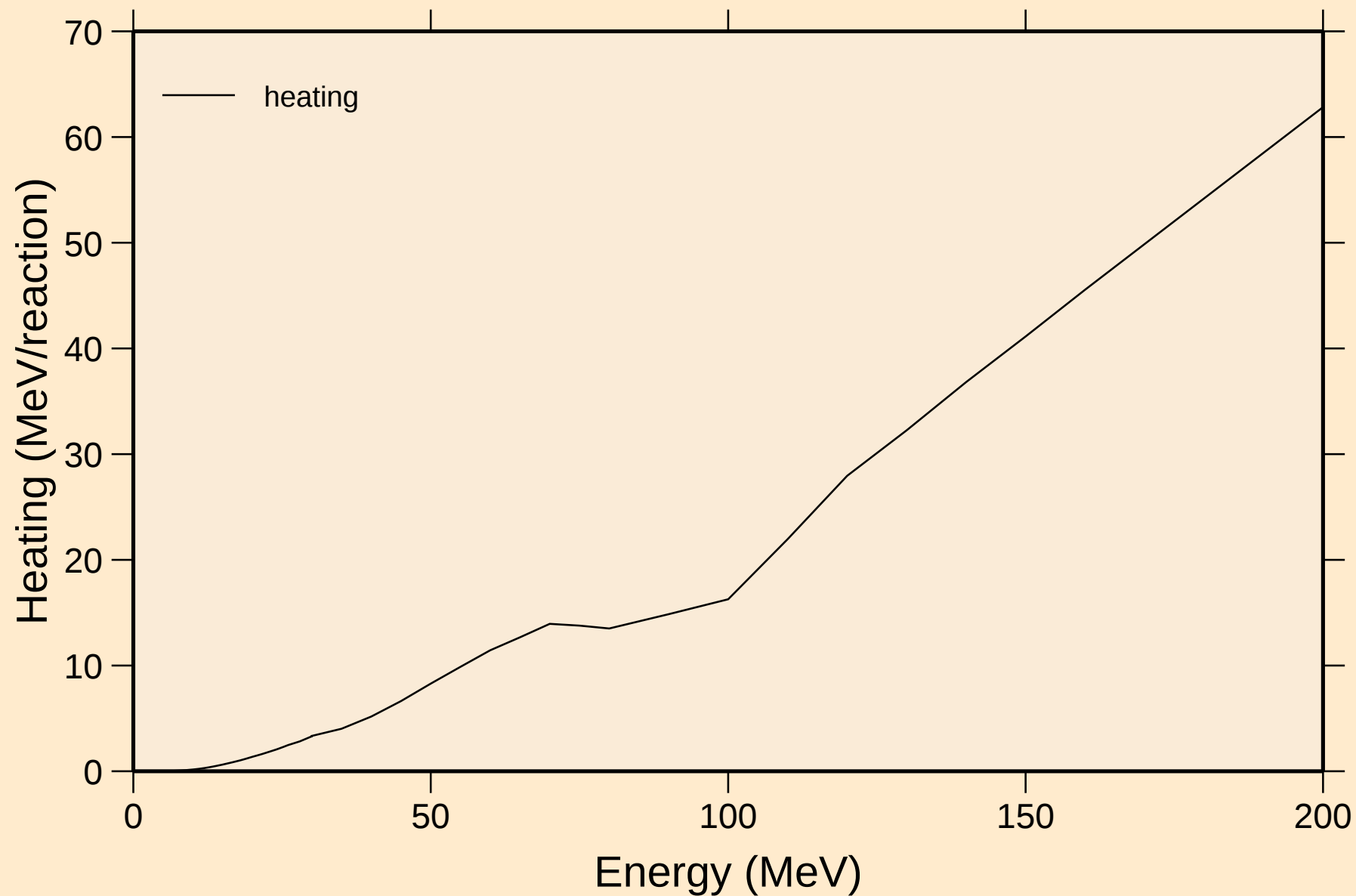
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Principal cross sections



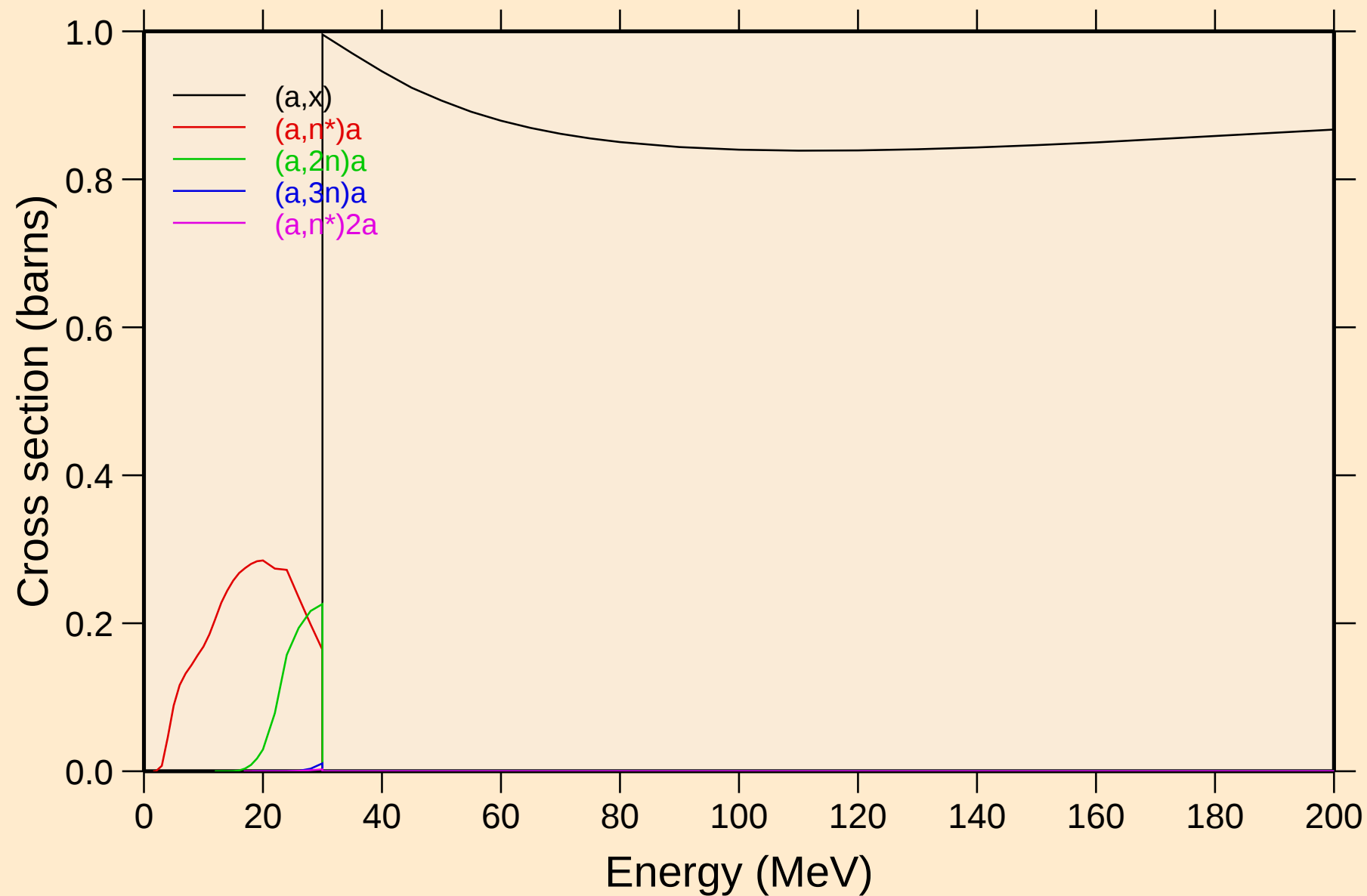
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Heating



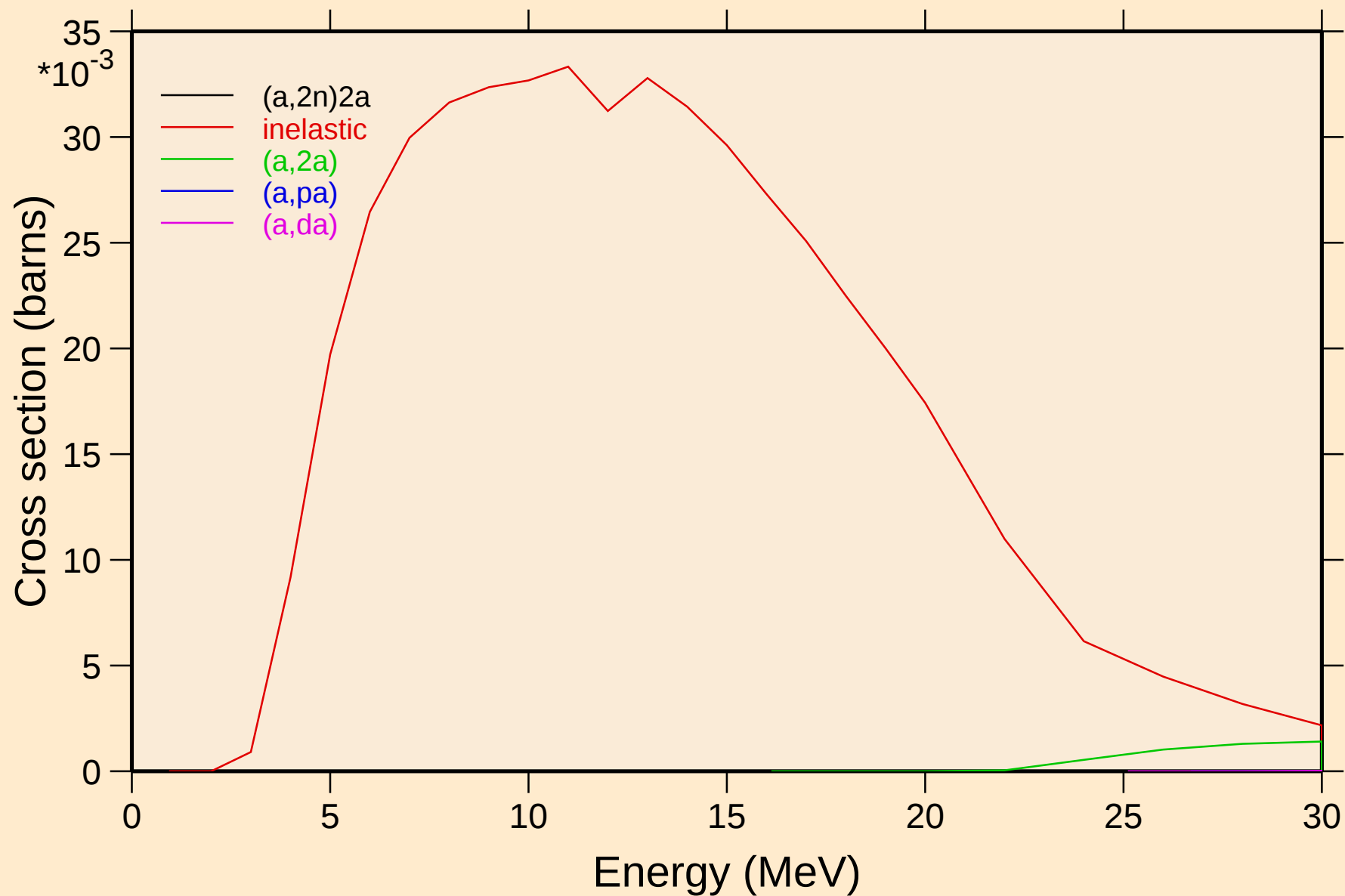
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Threshold reactions

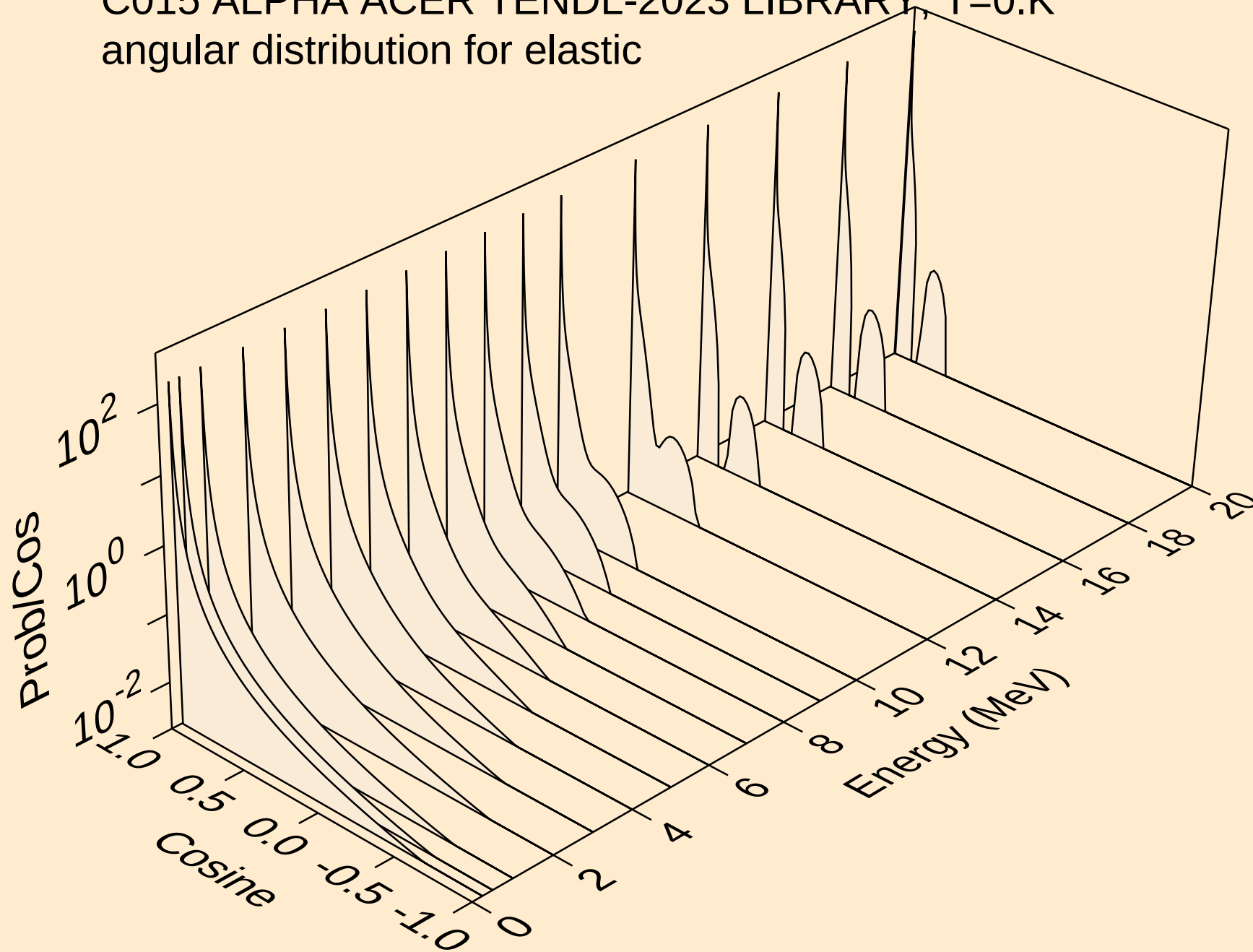


C015 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

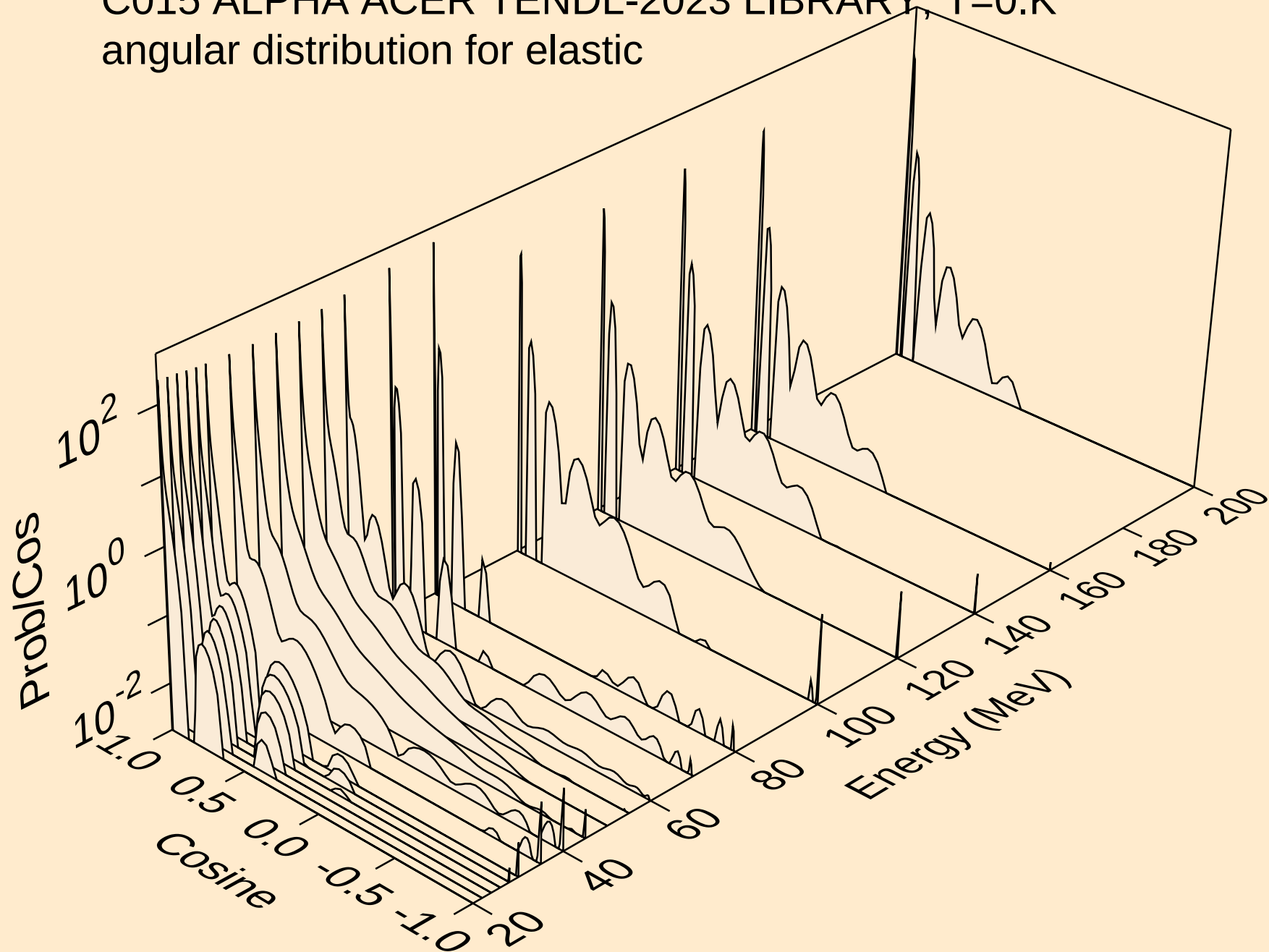
Threshold reactions



C015 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic

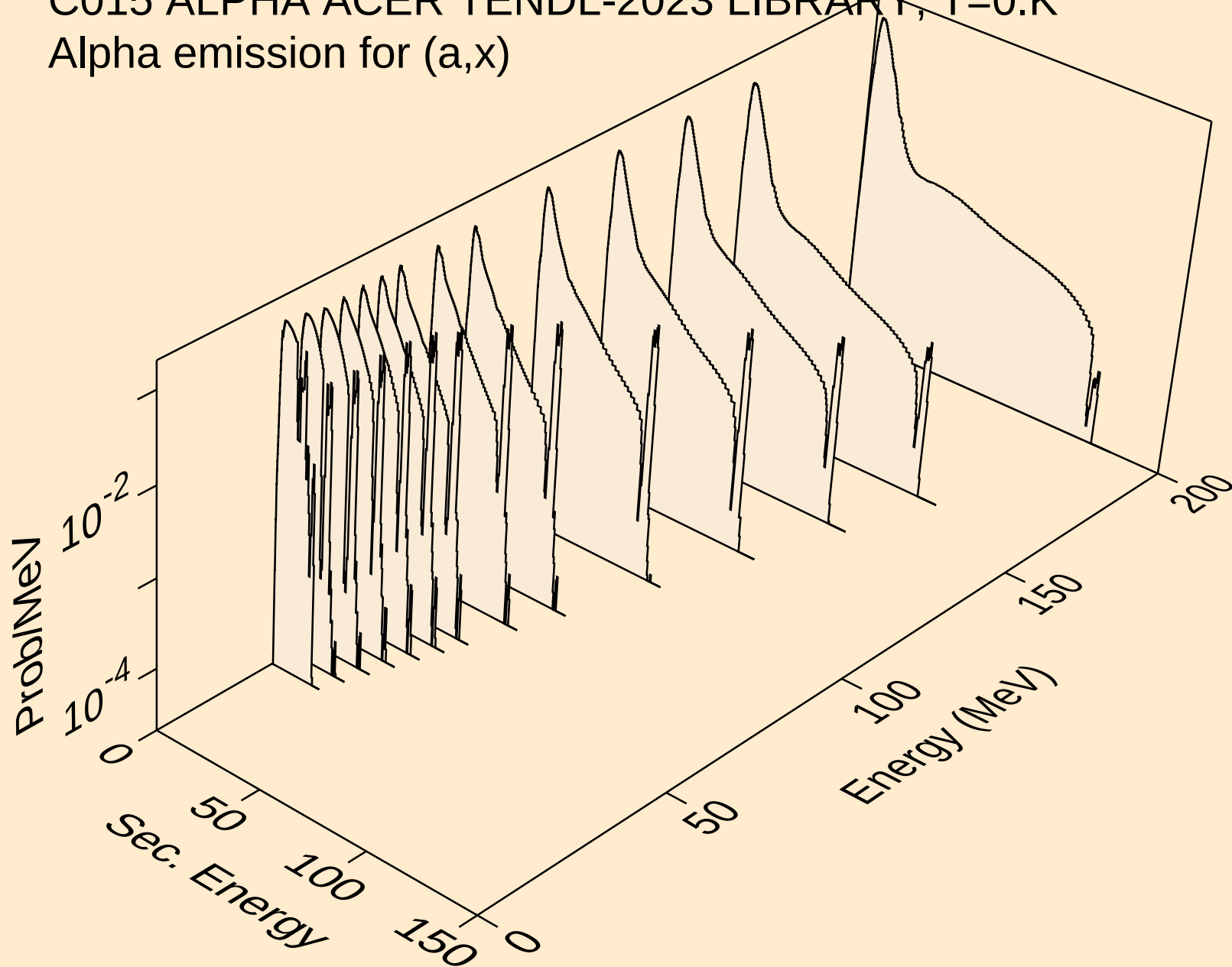


C015 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



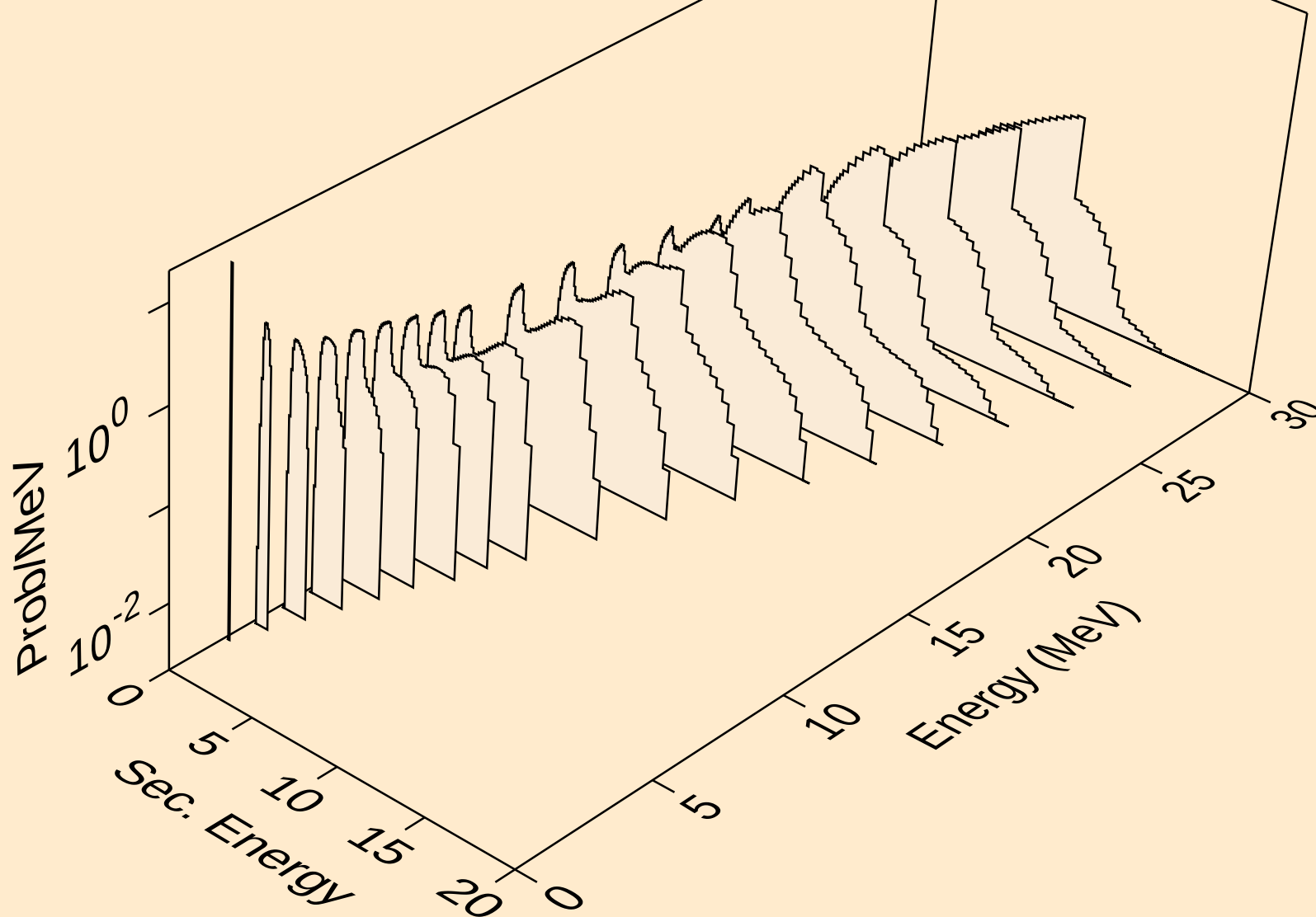
C015 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,x)



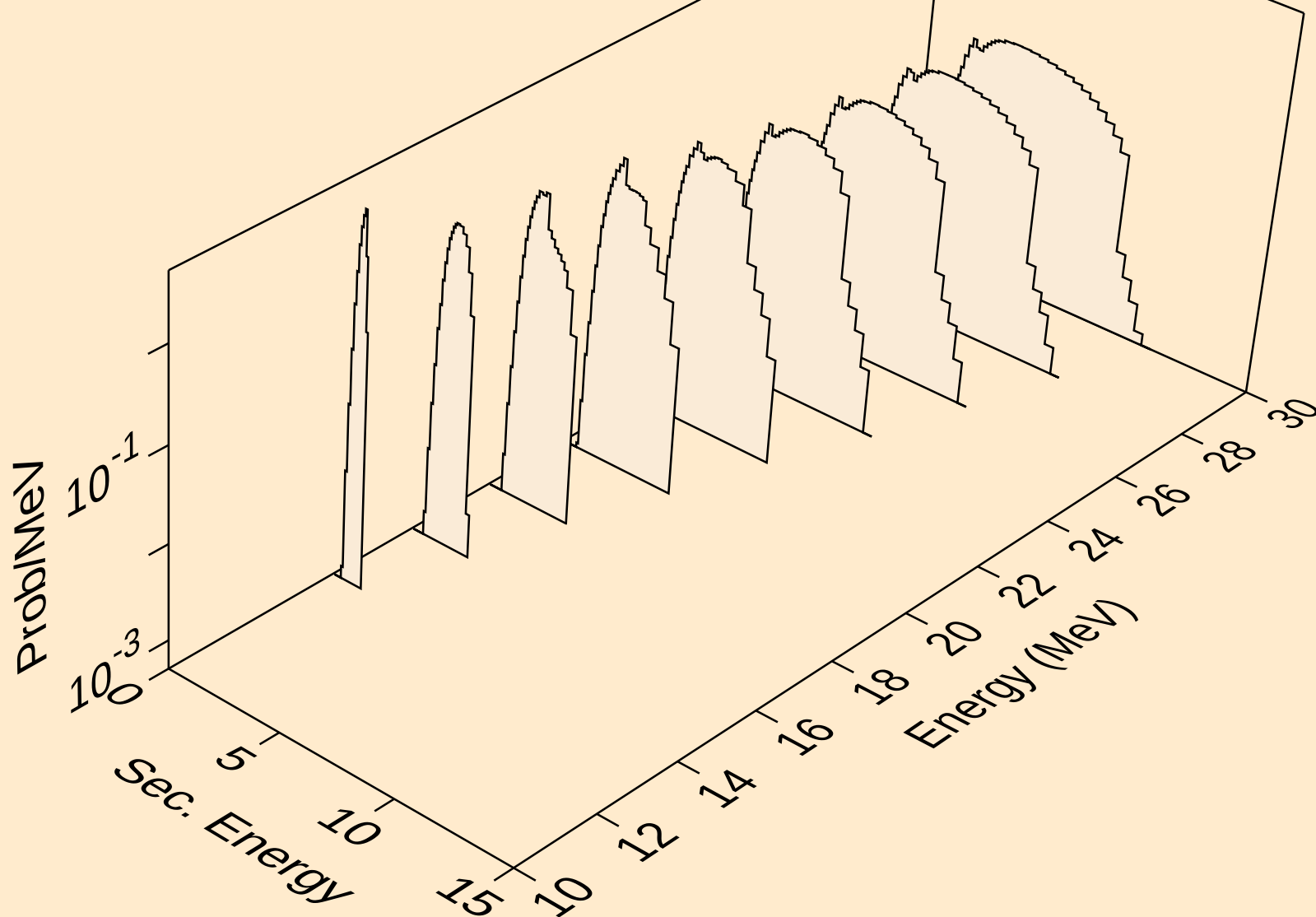
C015 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,n*)a



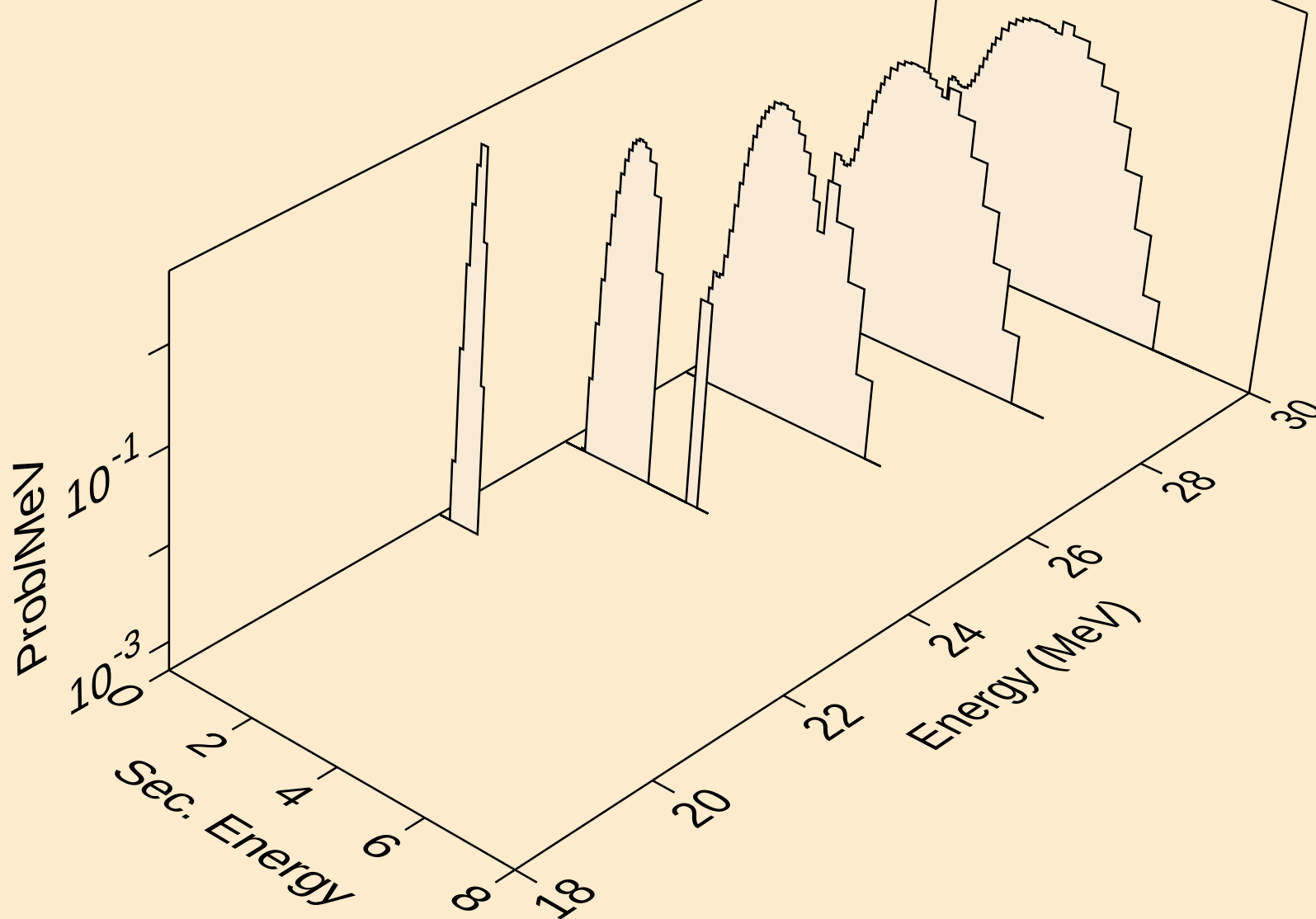
C015 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,2n)a



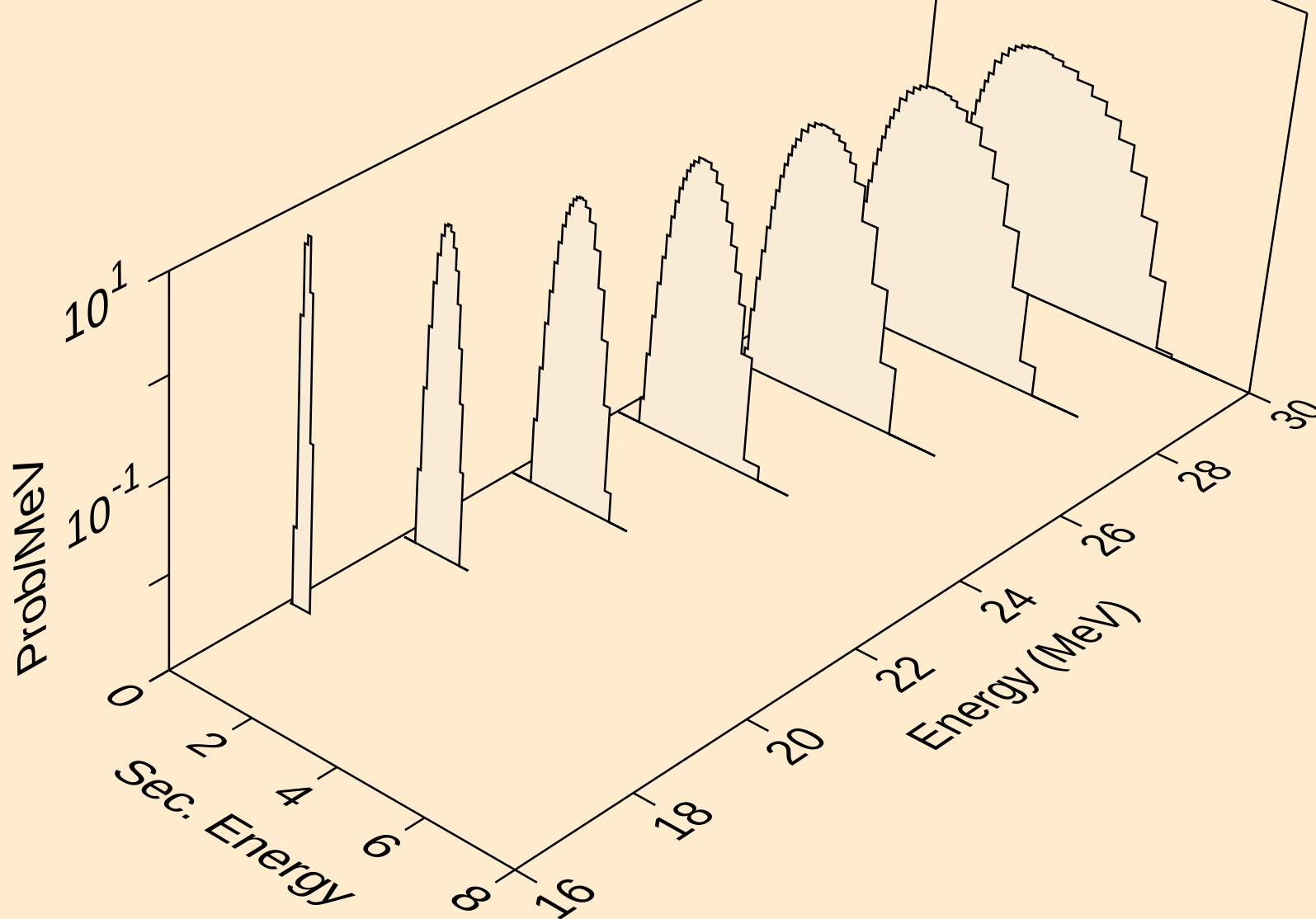
C015 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,3n)a



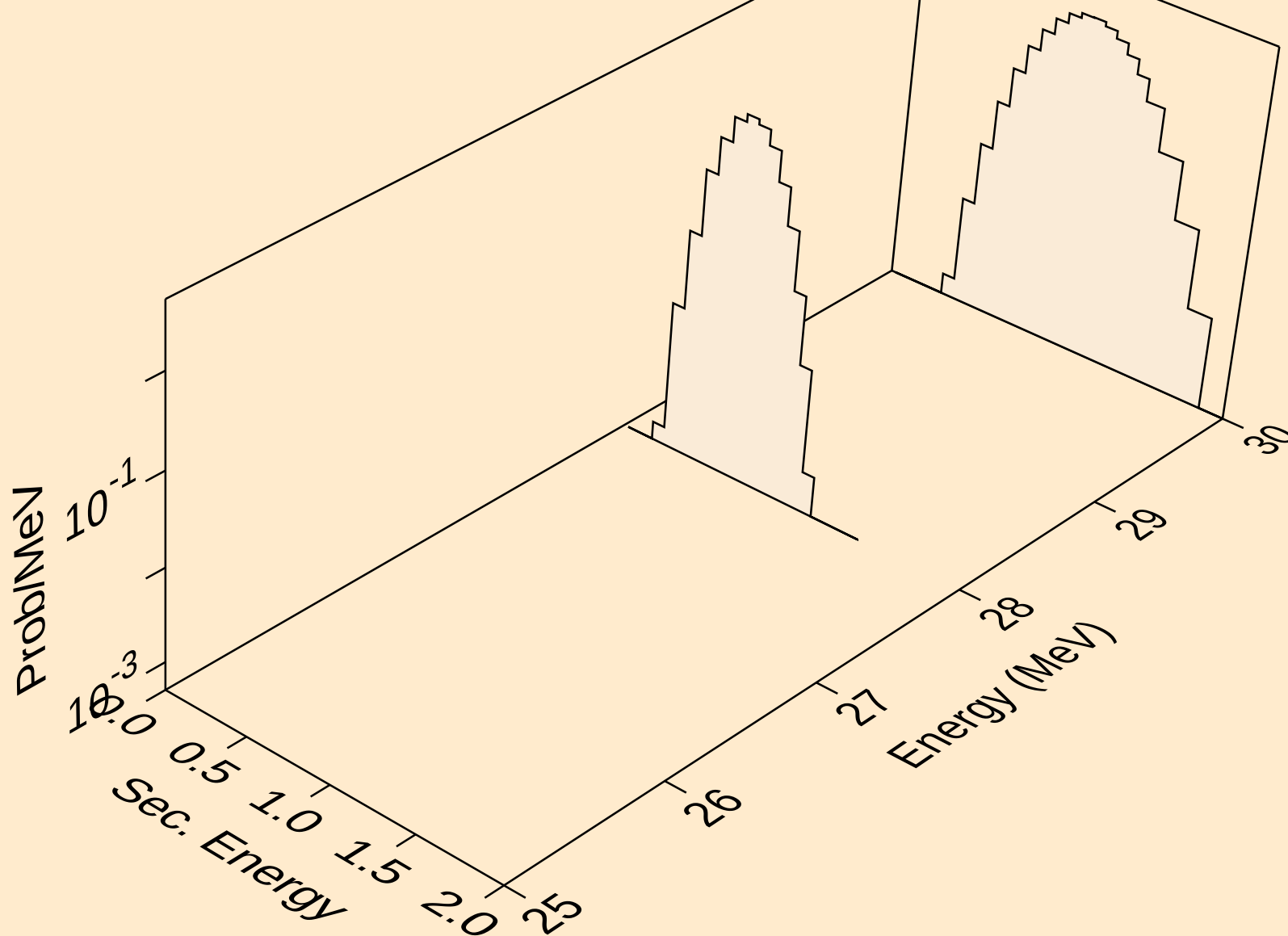
C015 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,n*)2a



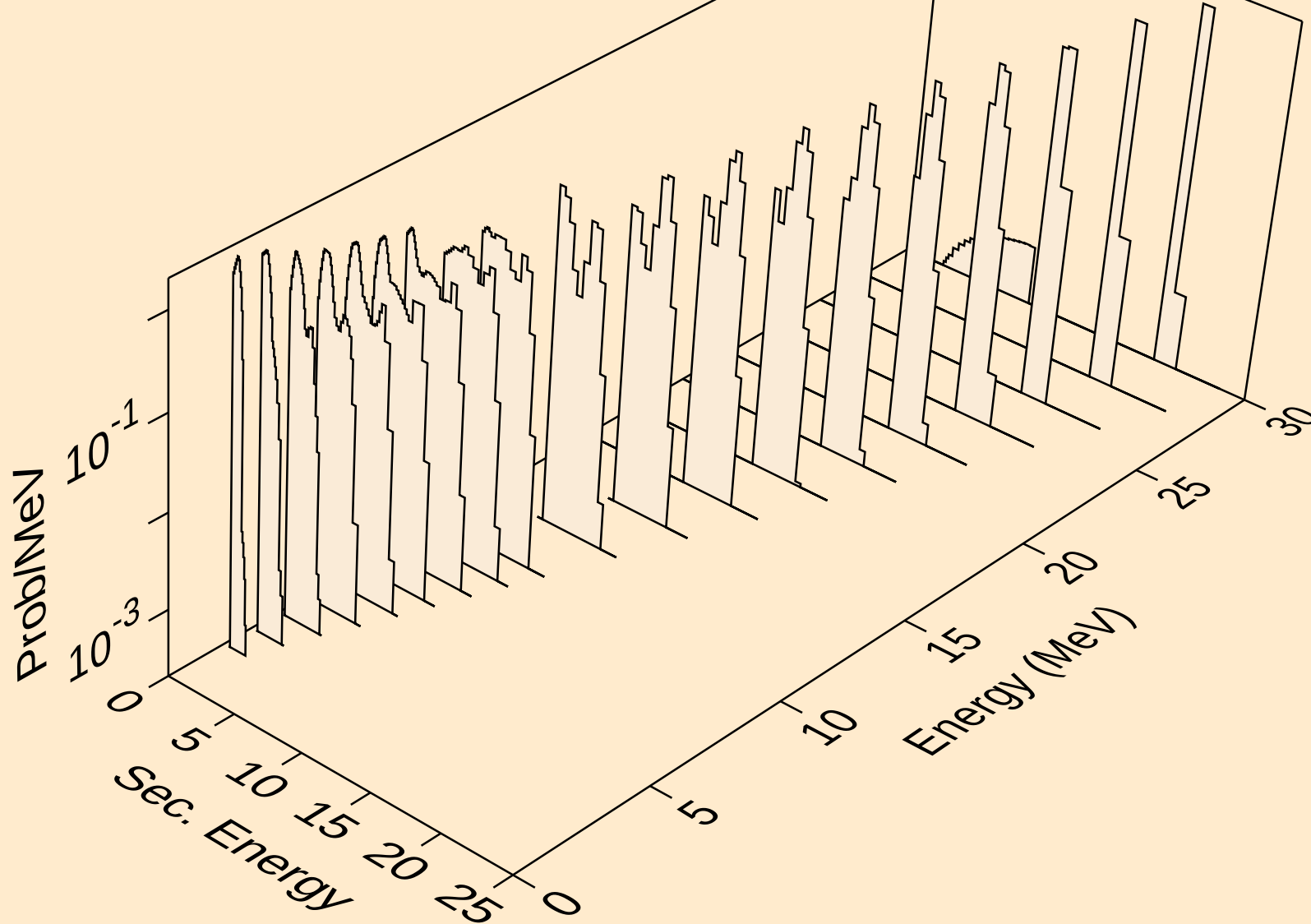
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Alpha emission for (a,2n)2a

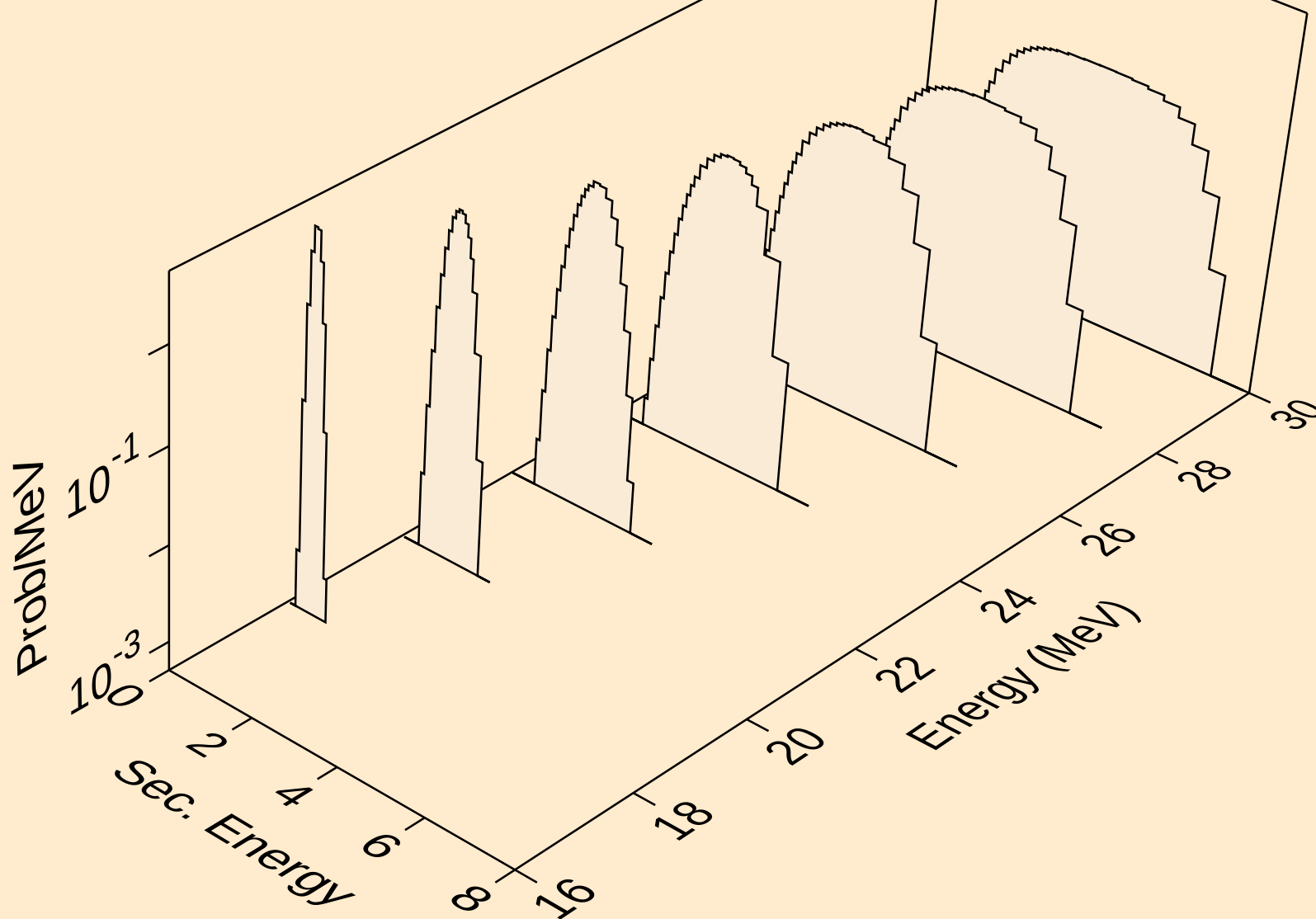


C015 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for inelastic

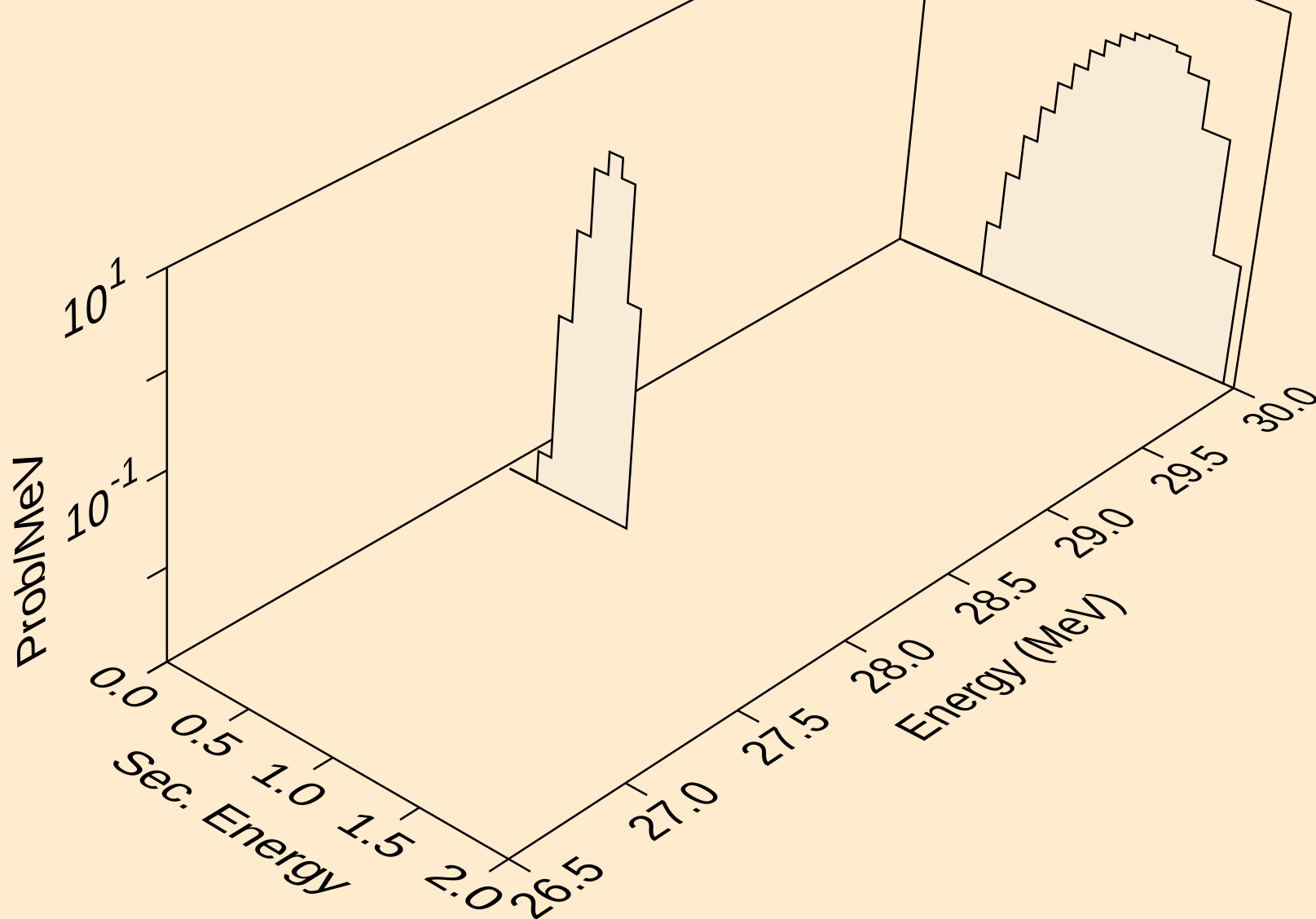


C015 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Alpha emission for (a,2a)



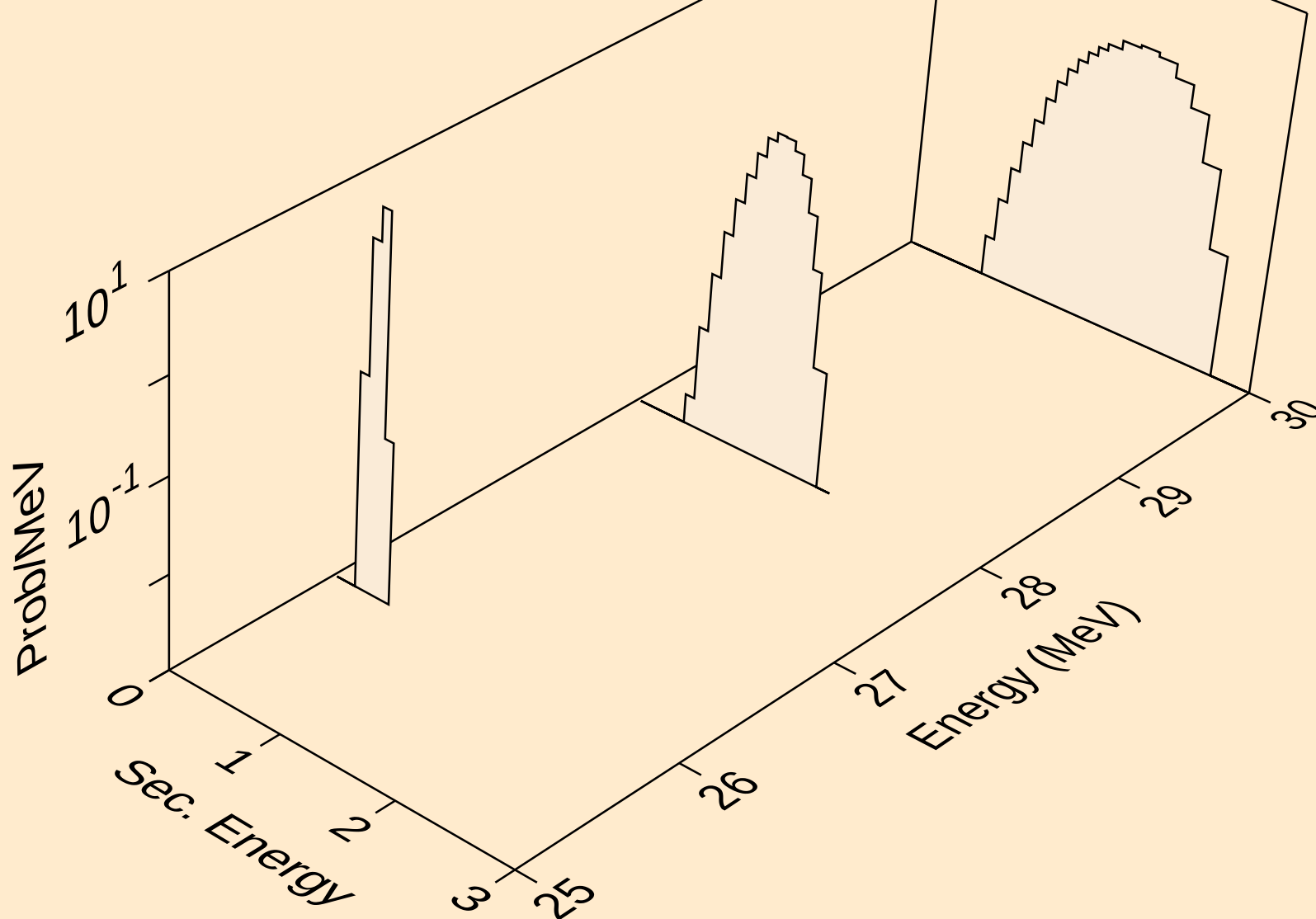
C015 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,pa)

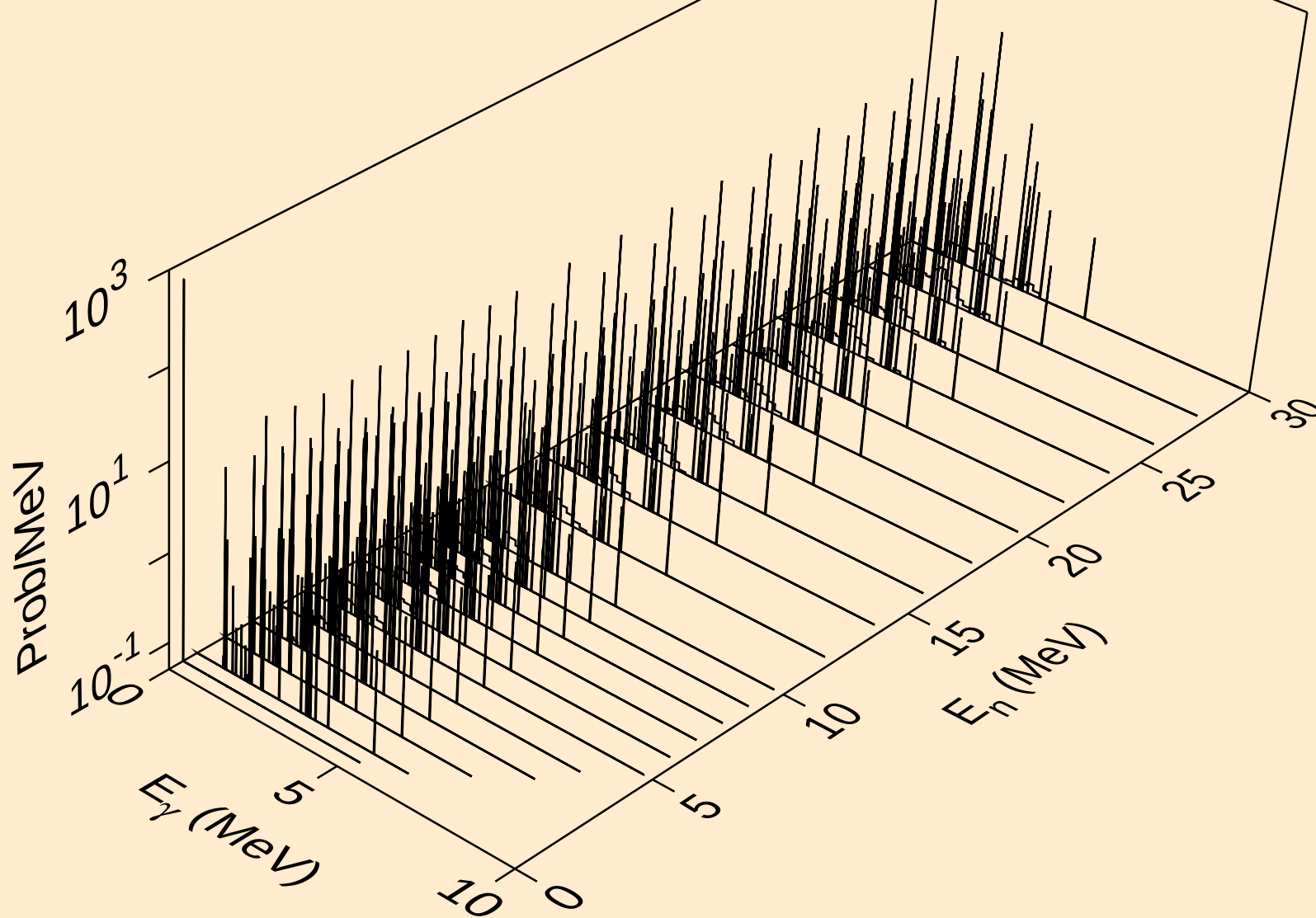


C015 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,da)

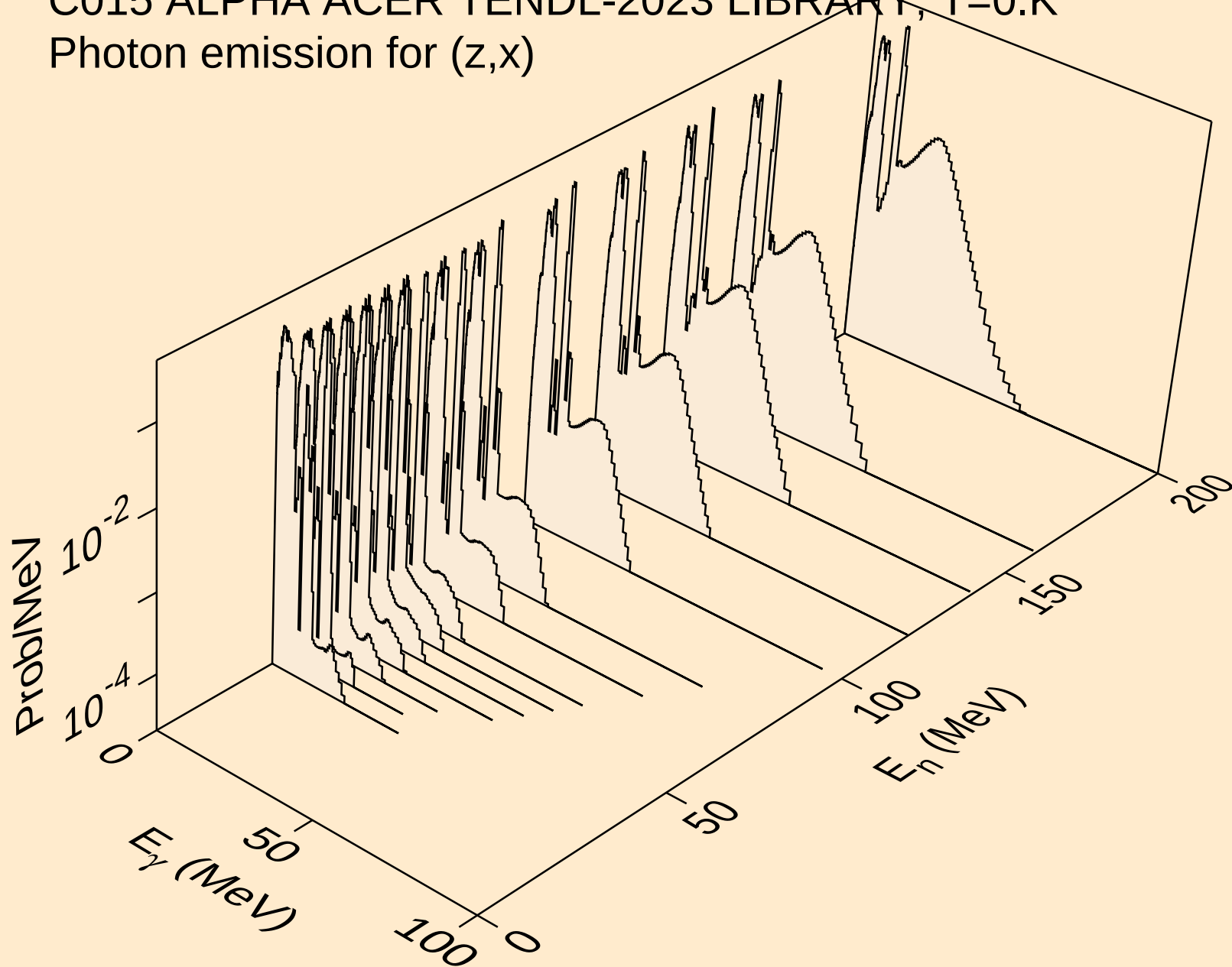


C015 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (z,n)

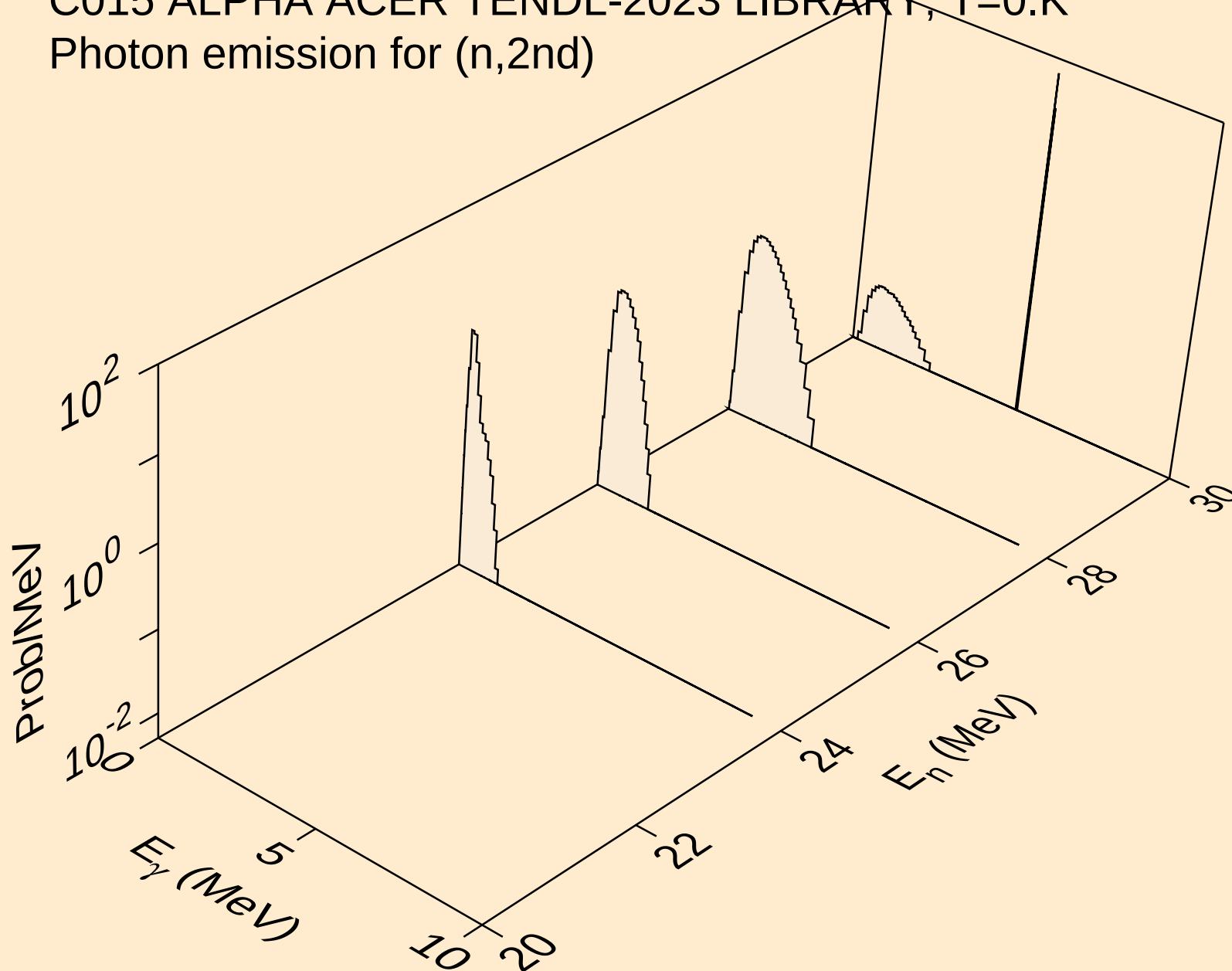


C015 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

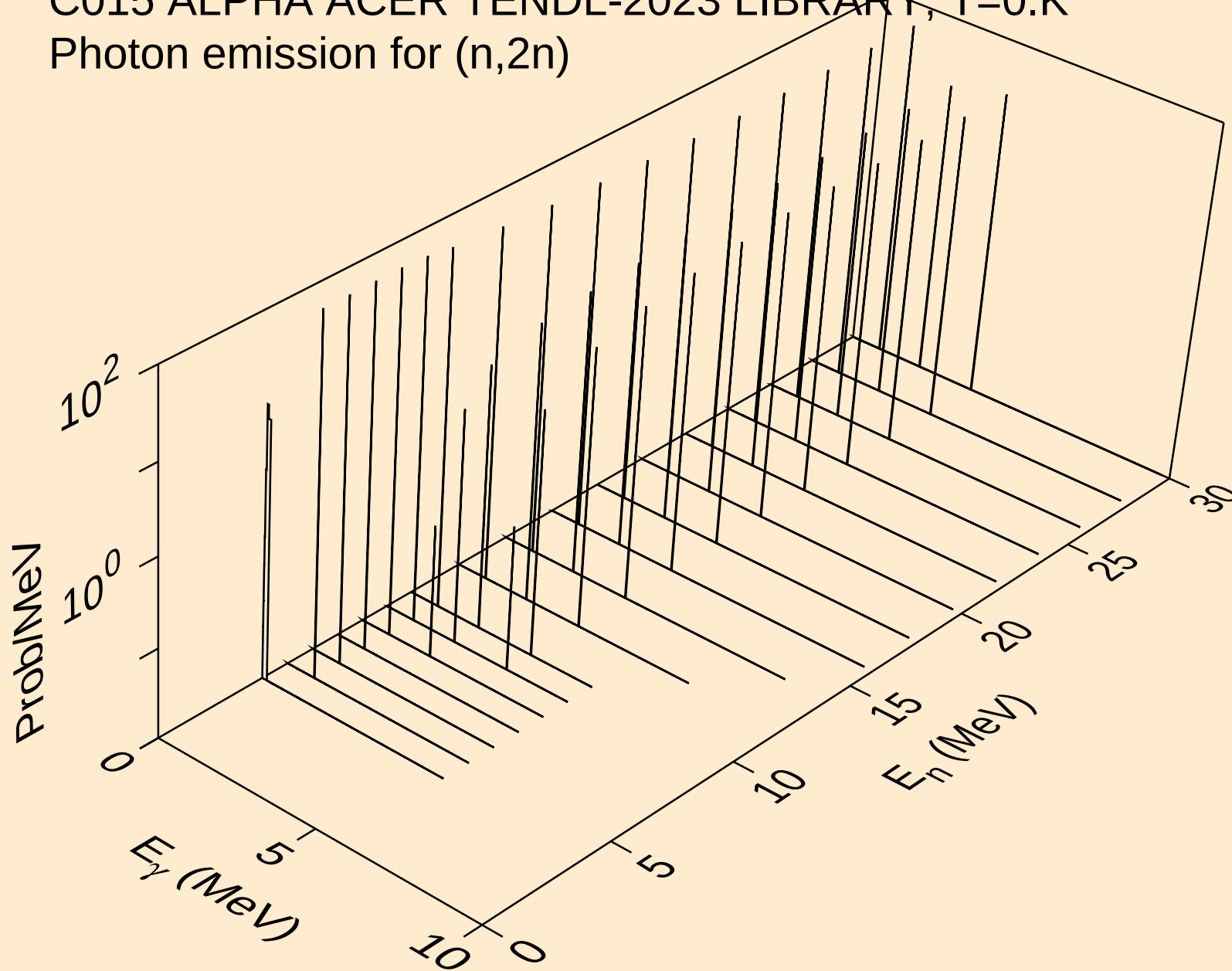
Photon emission for (z,x)



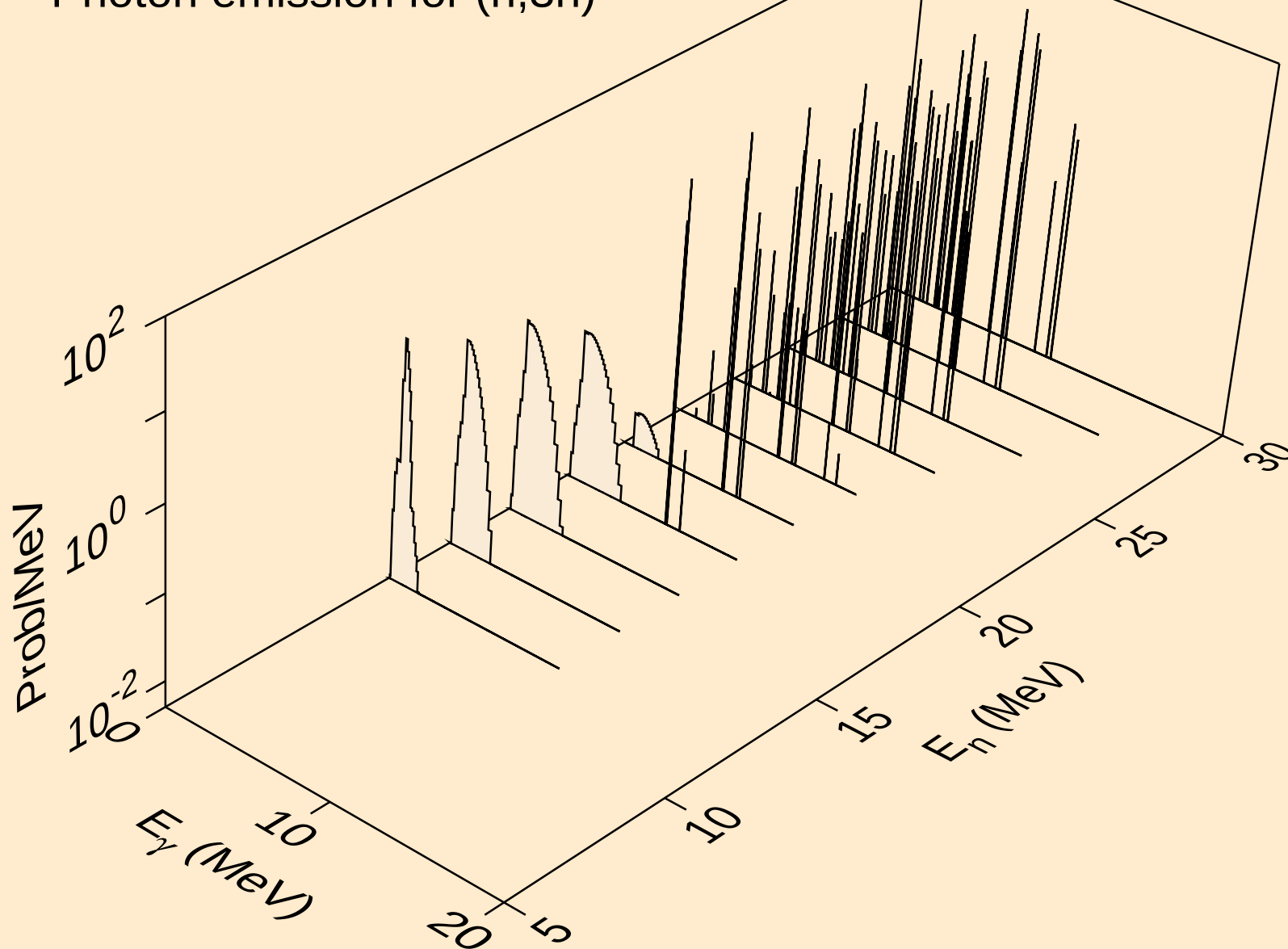
C015 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2nd)



C015 ALPHA ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,2n)

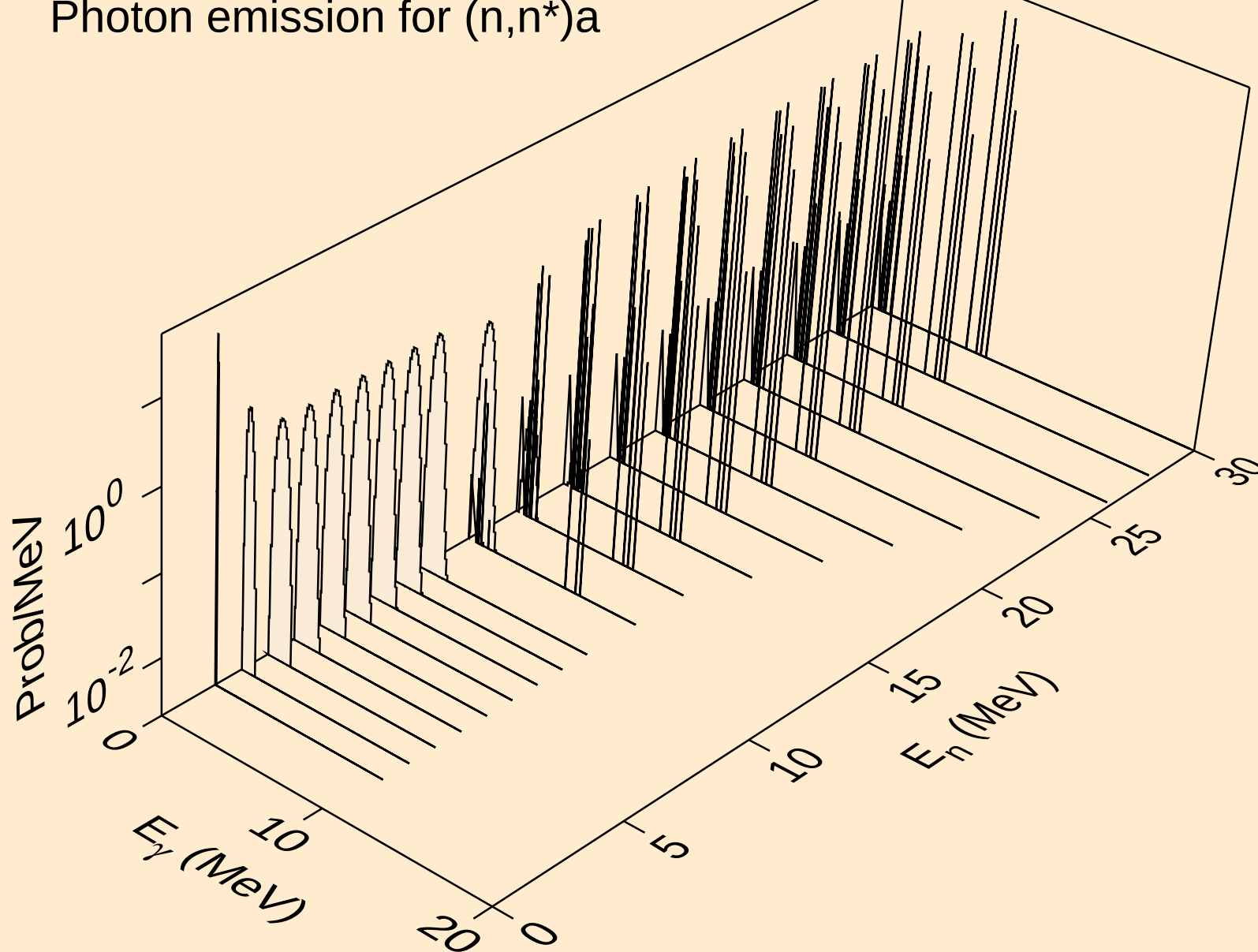


C015 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)



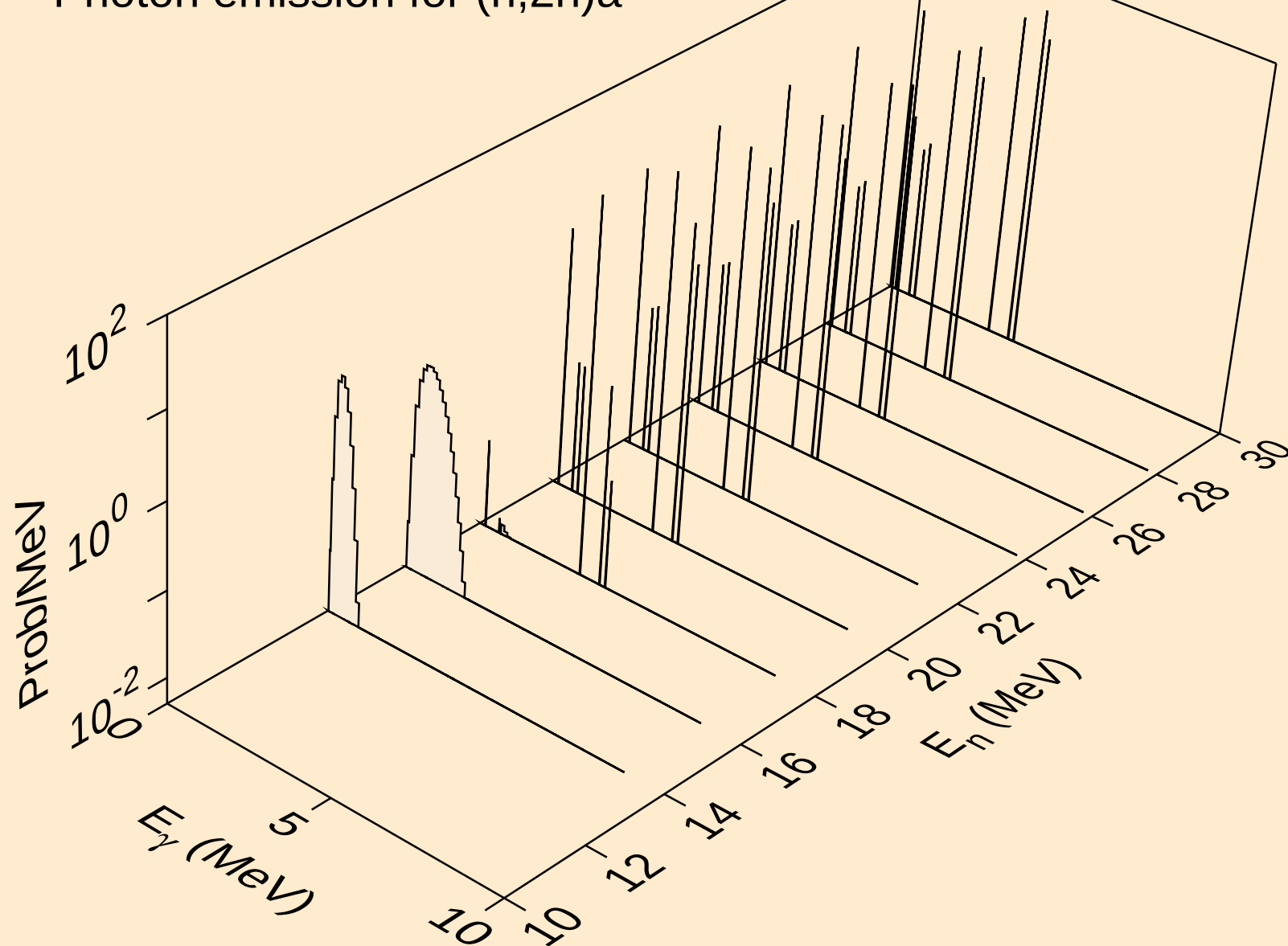
C015 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)a



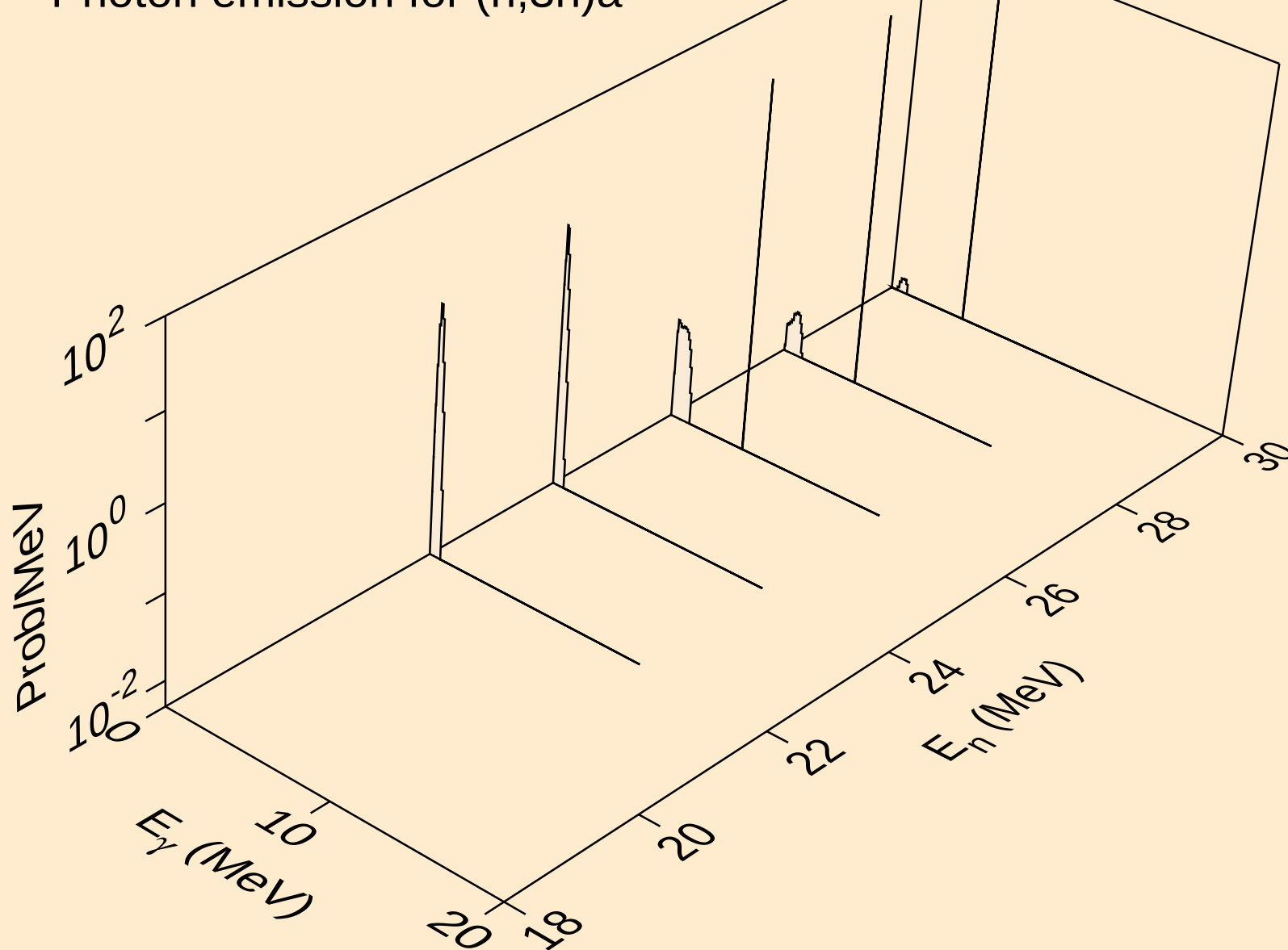
C015 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,2n) α



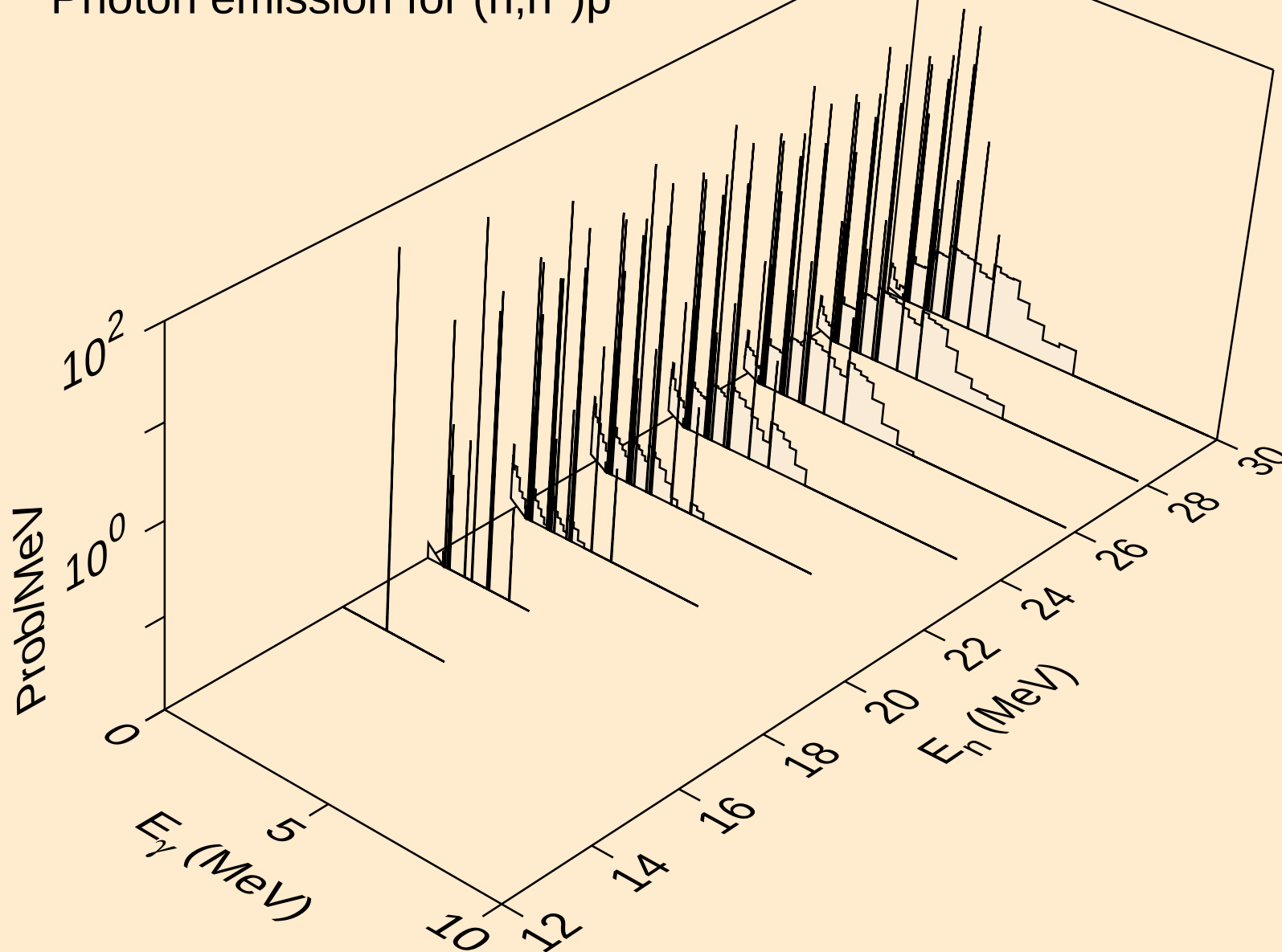
C015 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,3n) α



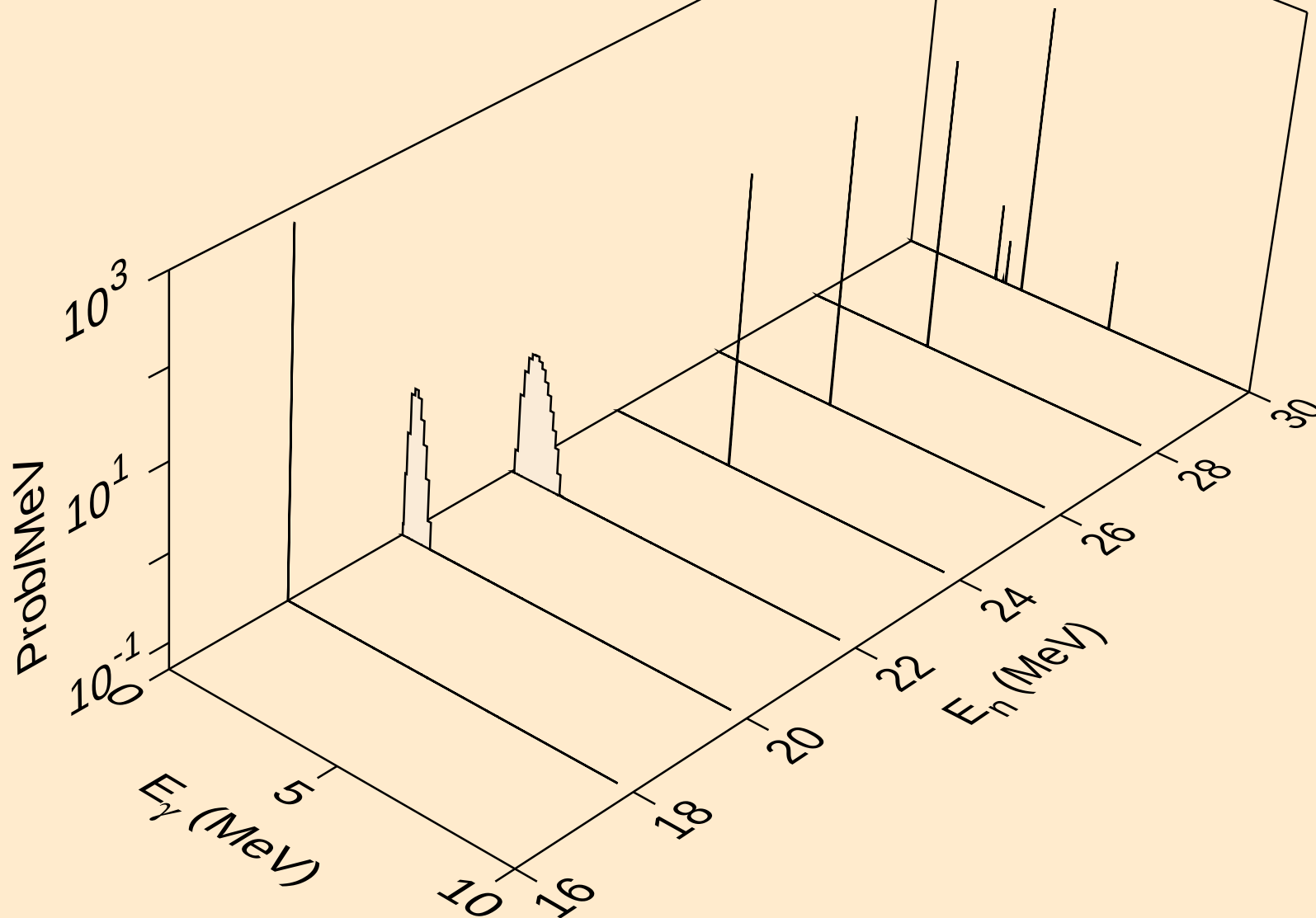
C015 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)p



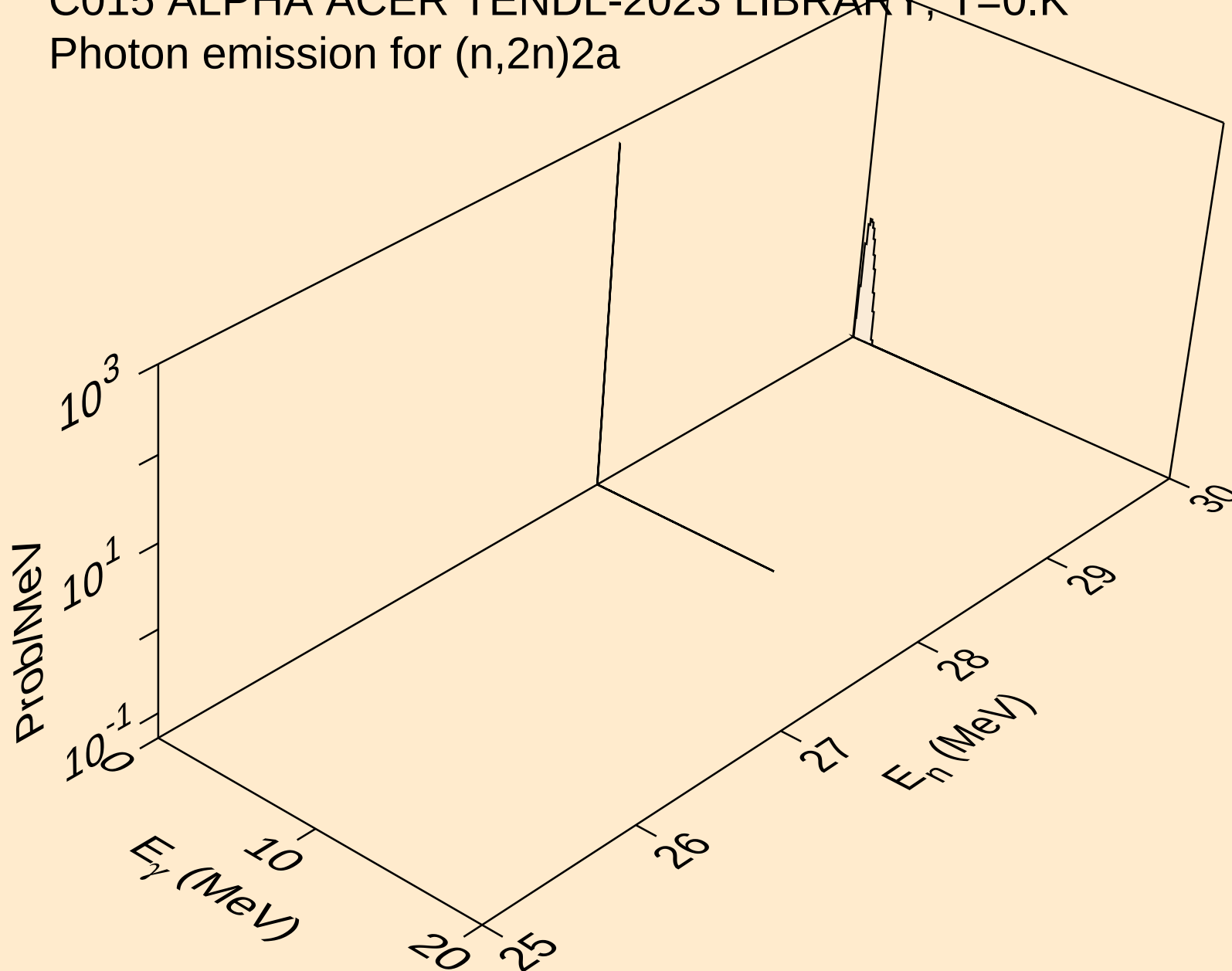
C015 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)2a



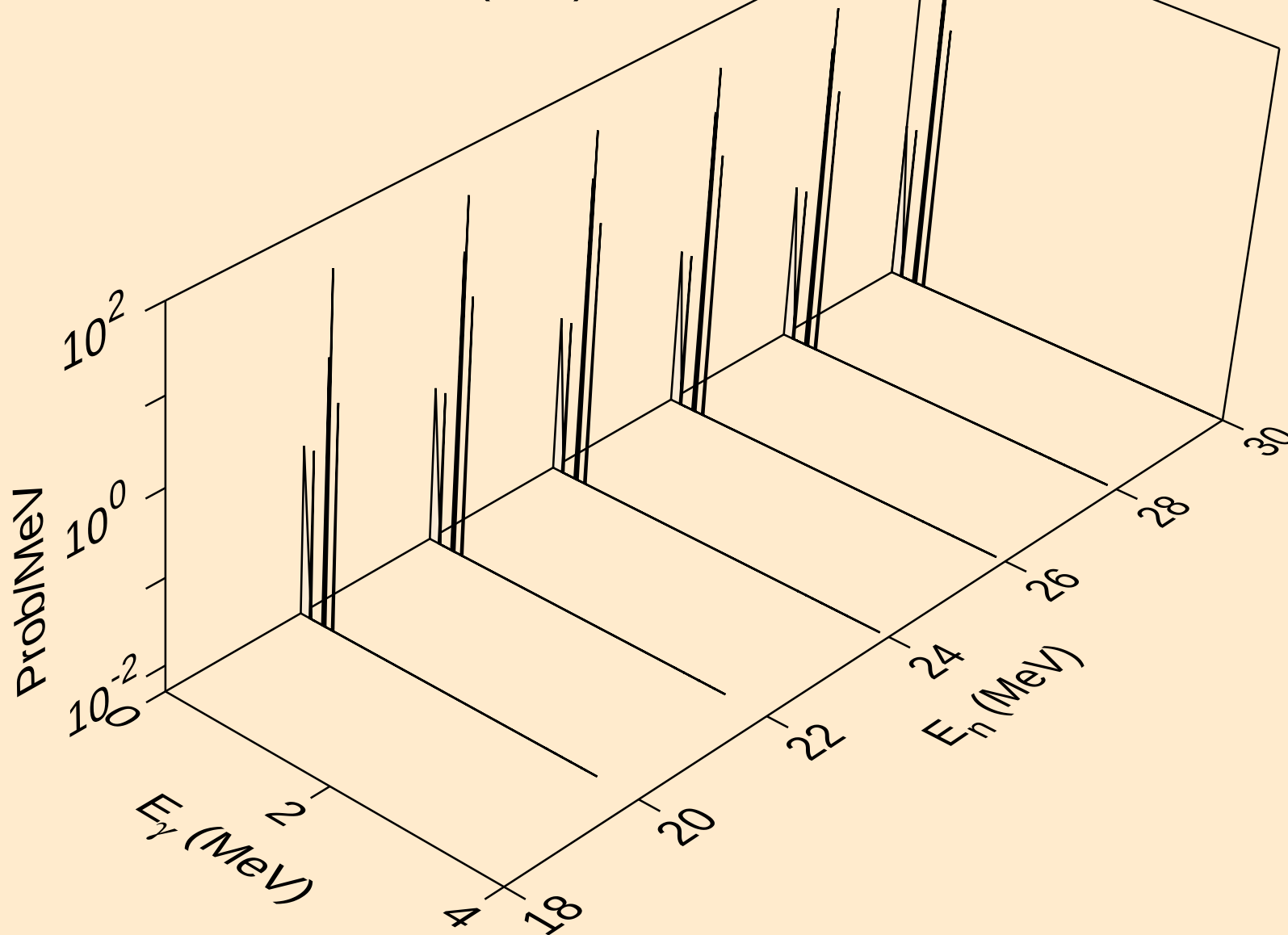
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Photon emission for (n,2n)2a



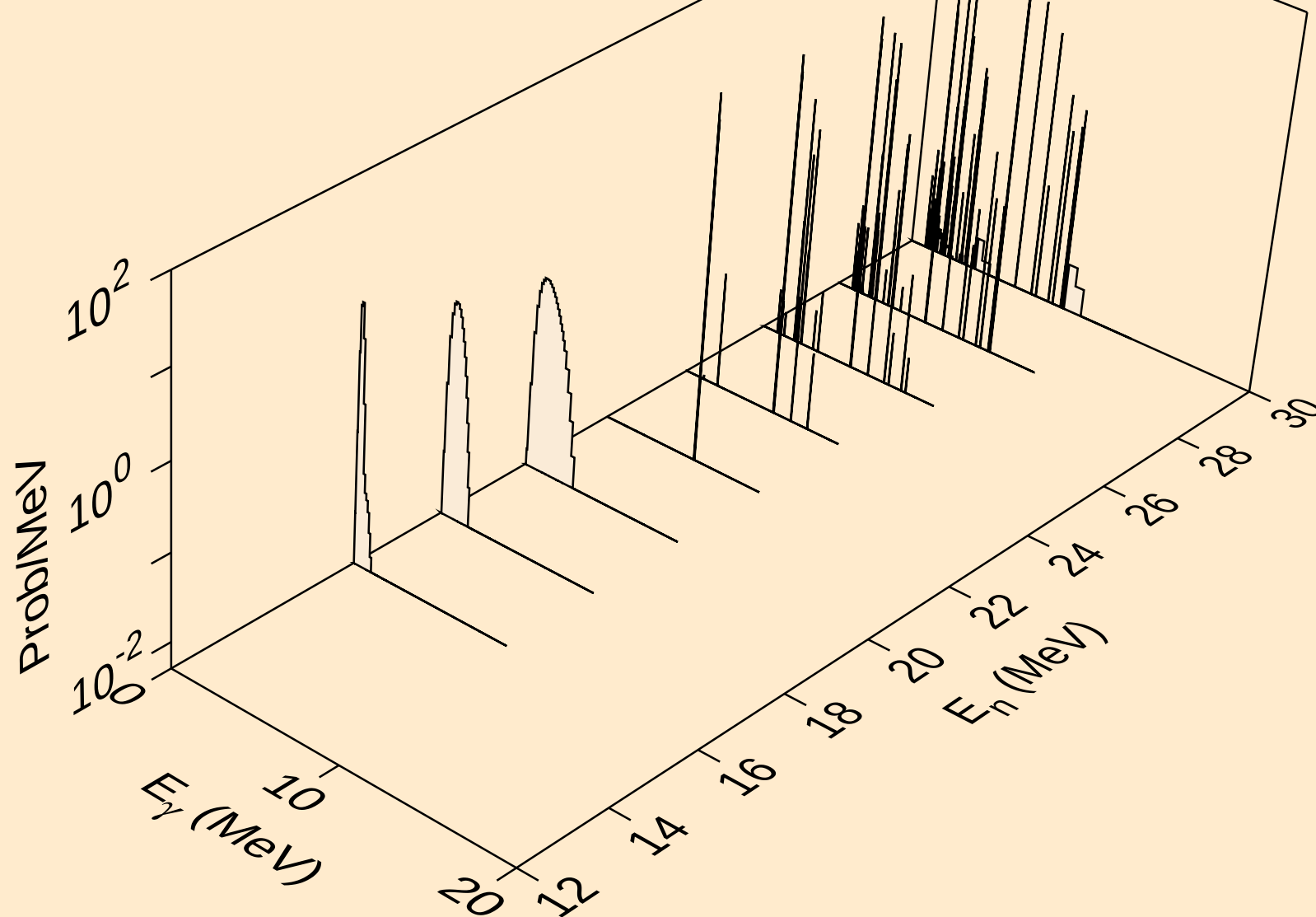
C015 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)d



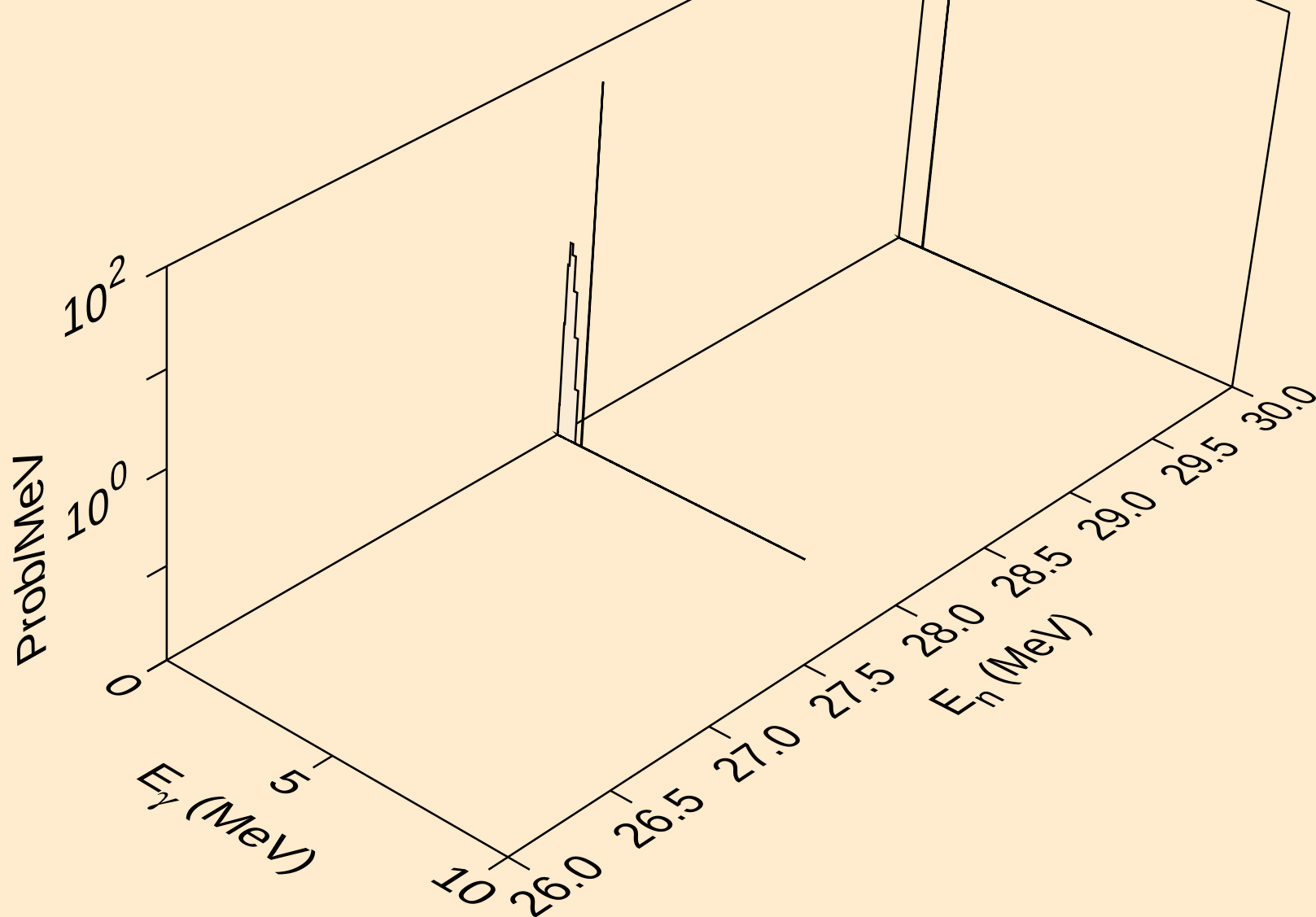
C015 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)t

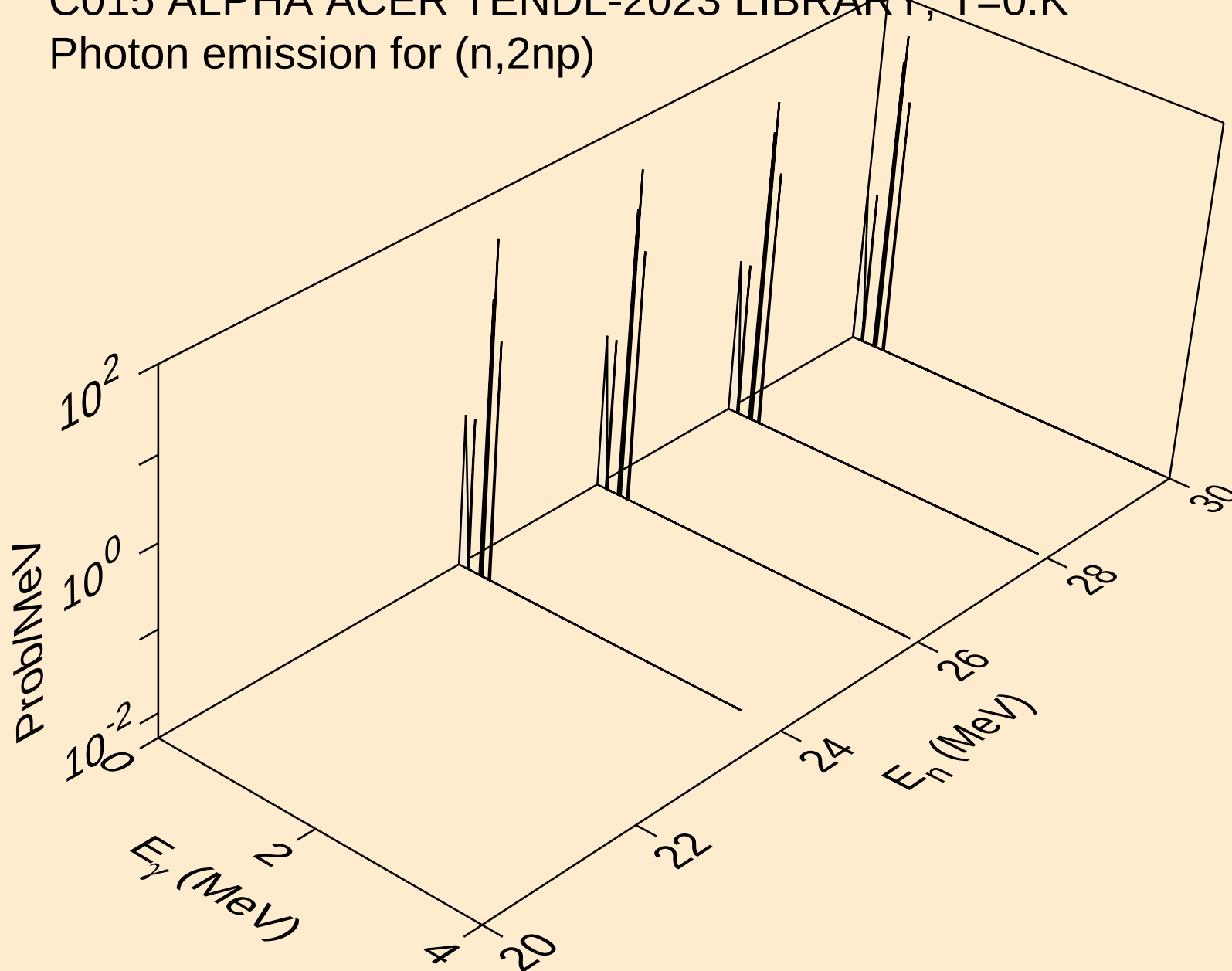


C015 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

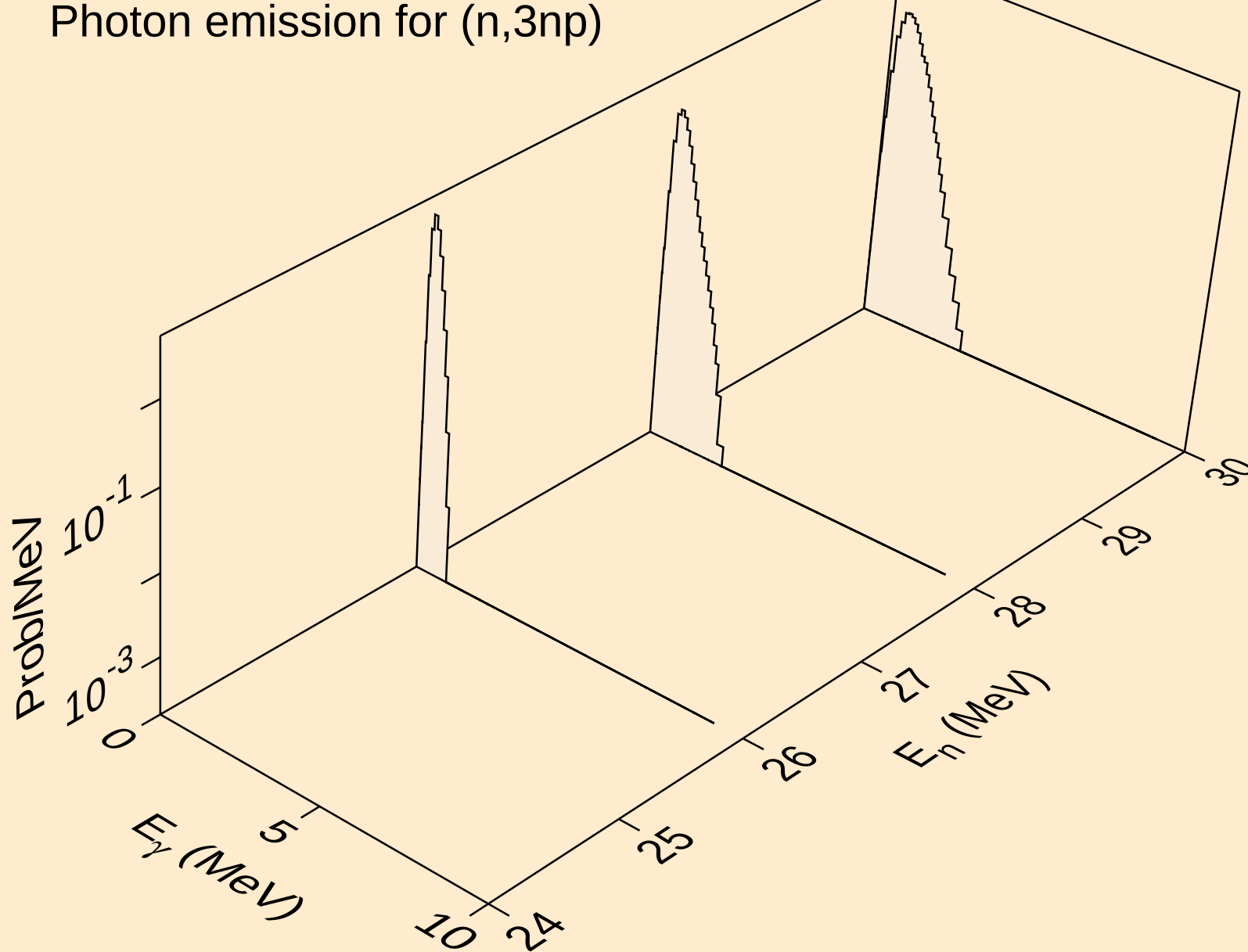
Photon emission for (n,n*)he3



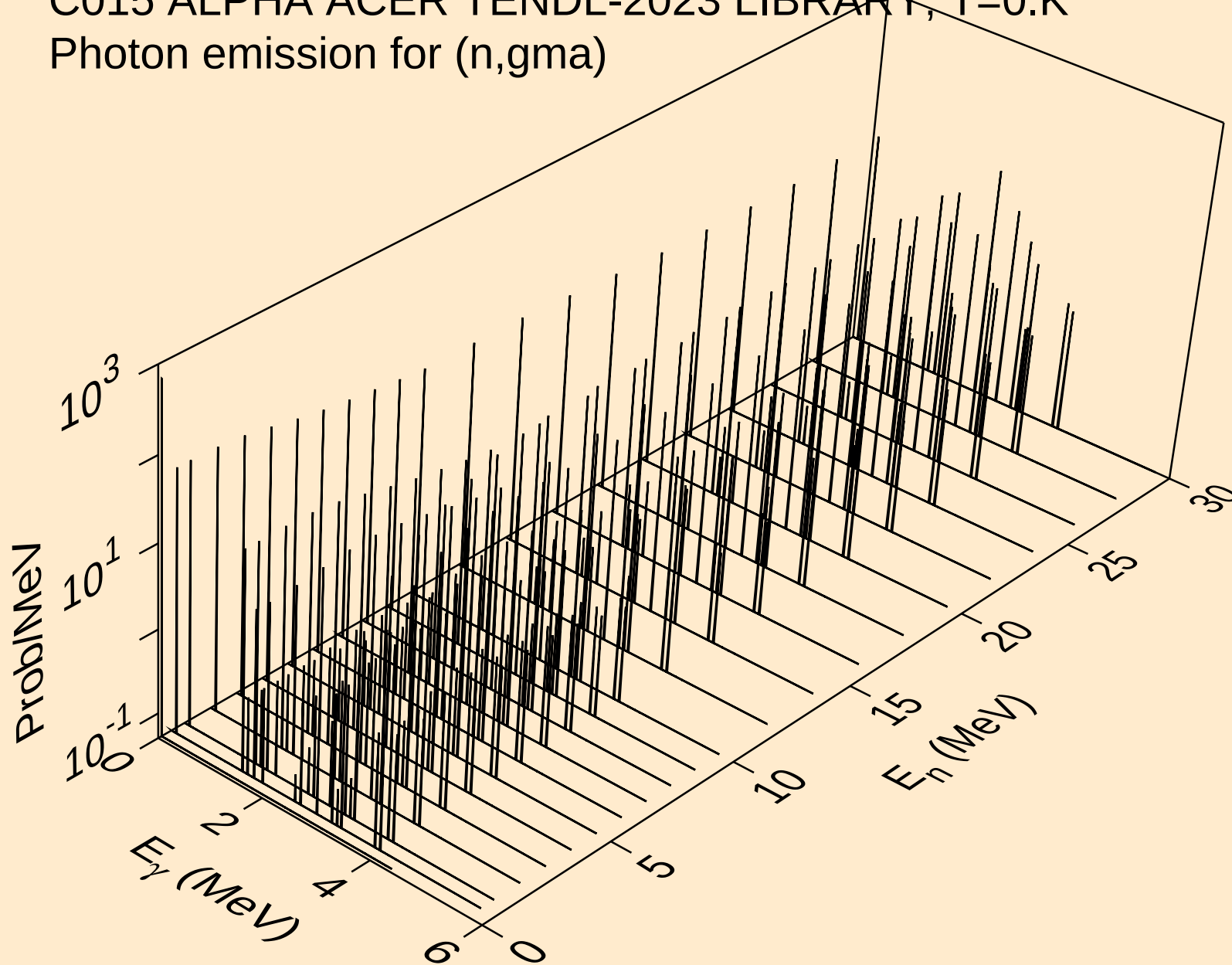
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Photon emission for (n,2np)



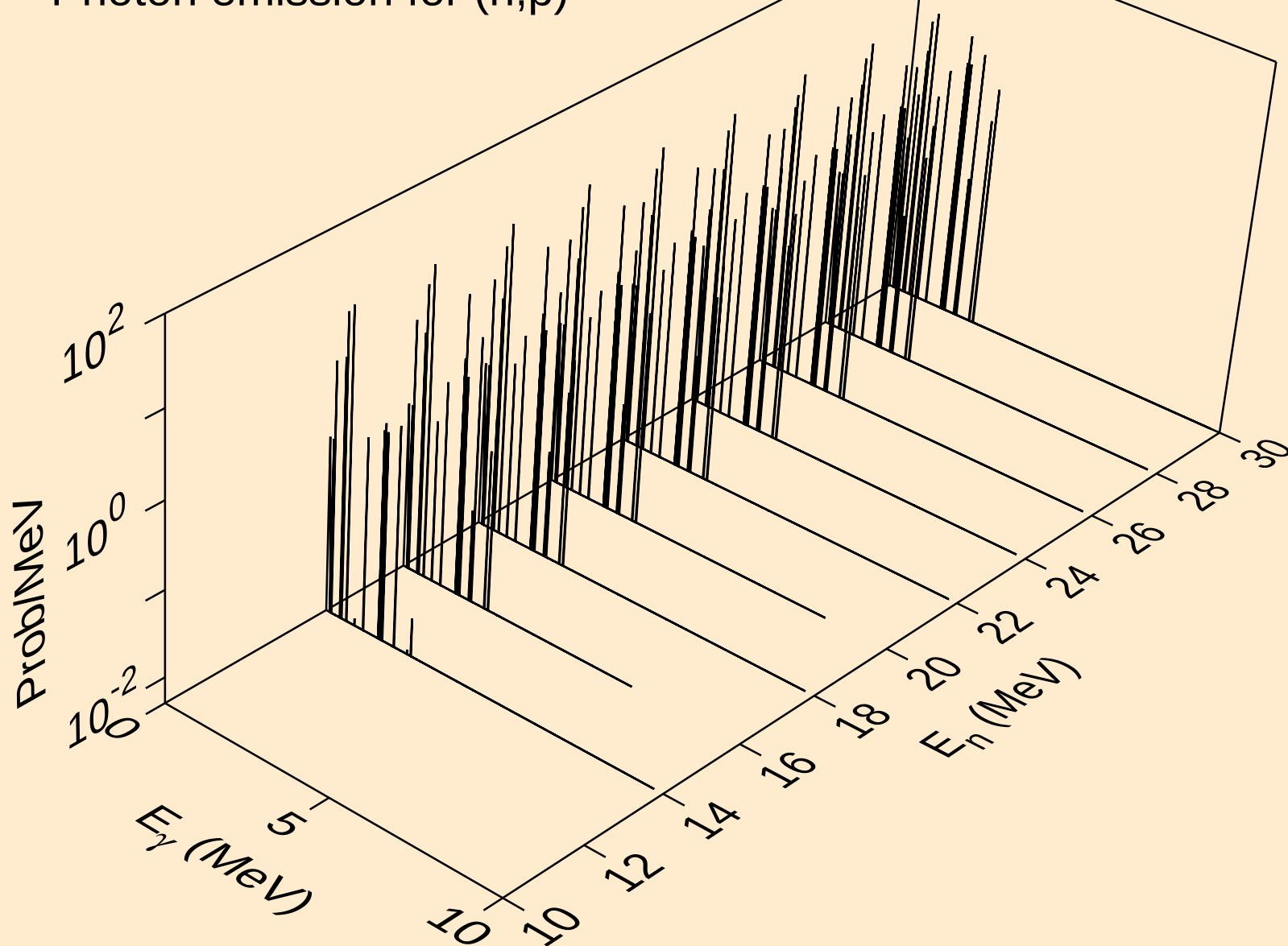
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Photon emission for (n,3np)



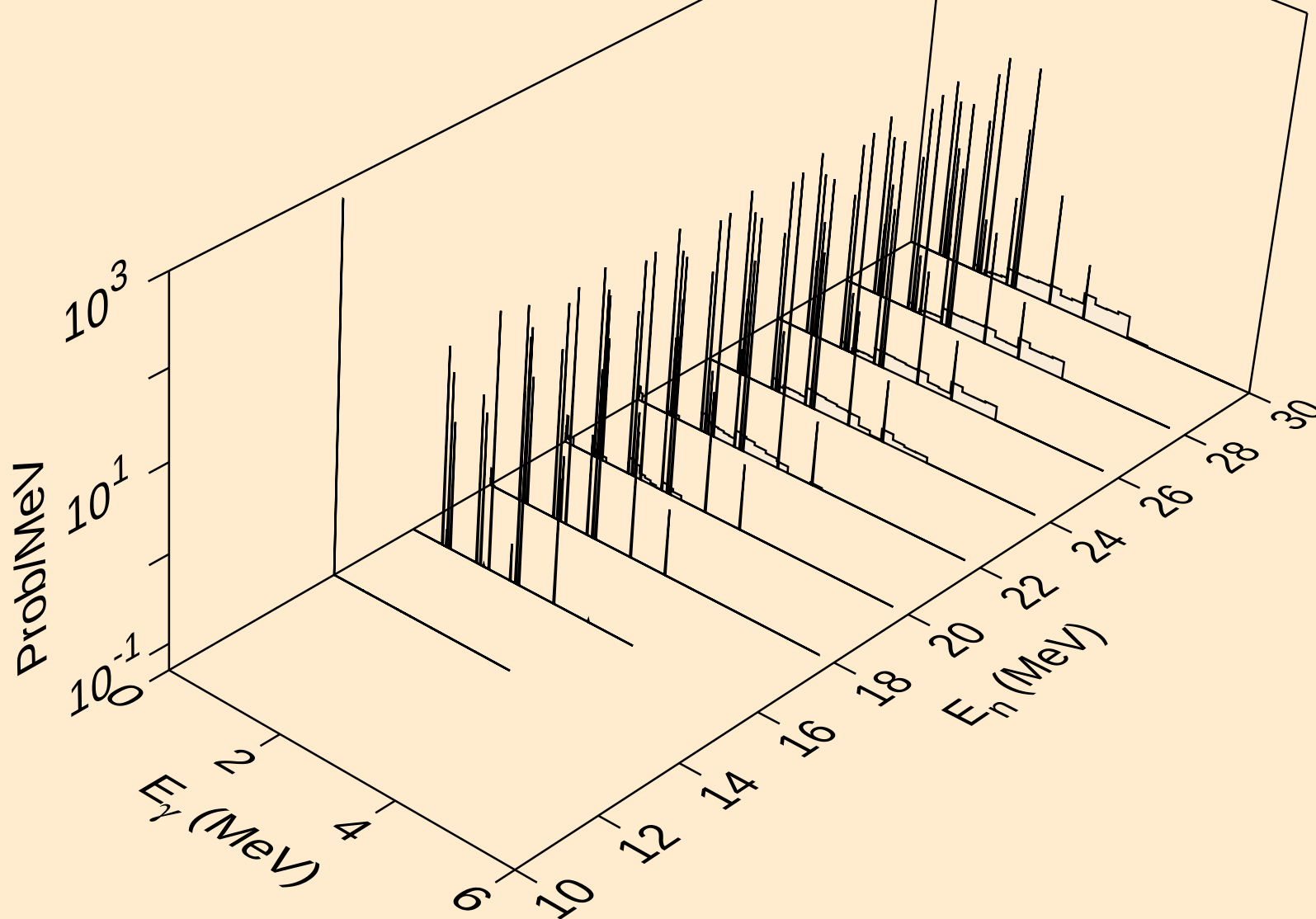
C015 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



C015 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p)

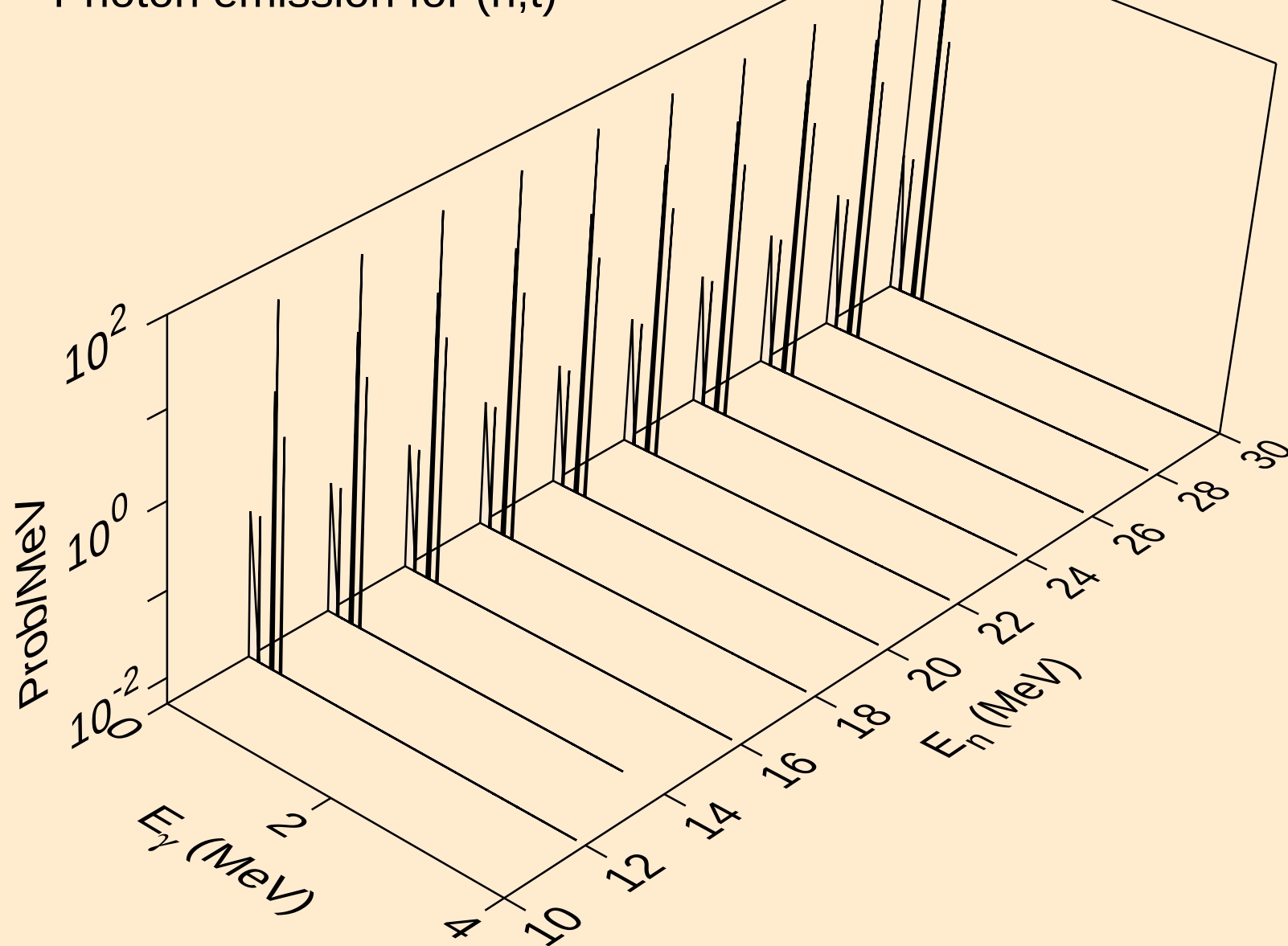


C015 ALPHA ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,d)

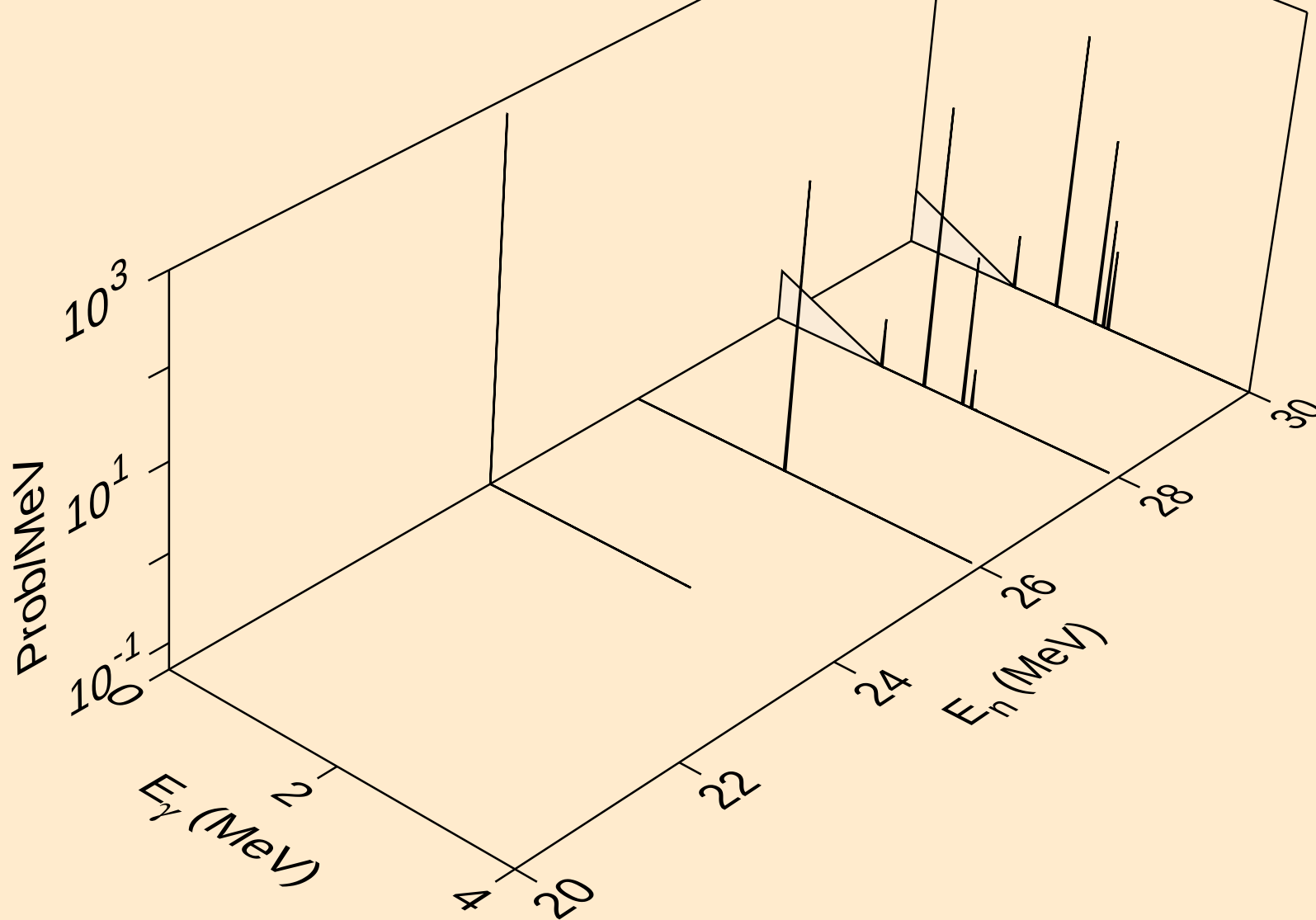


C015 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,t)

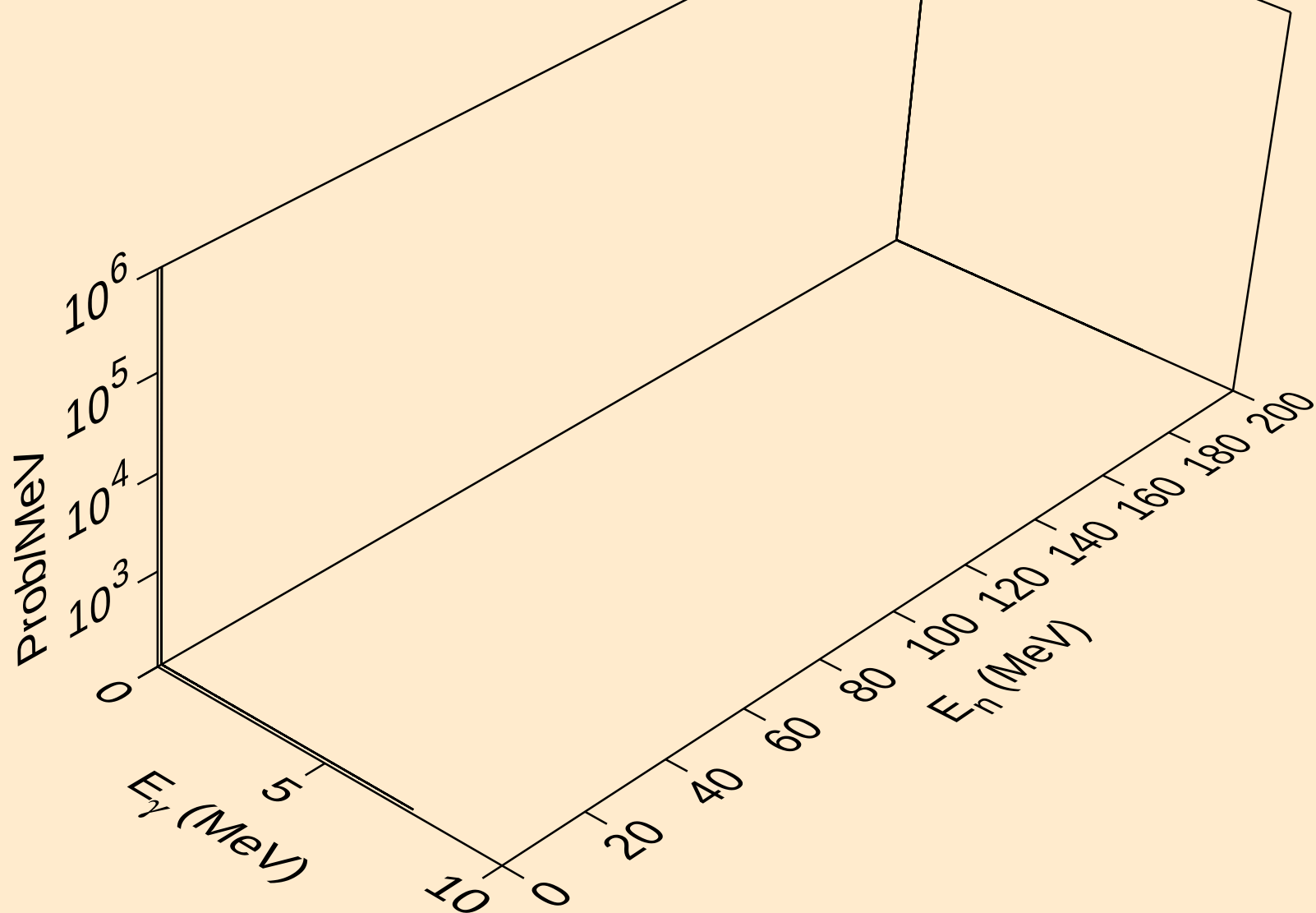


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Photon emission for (n,he3)

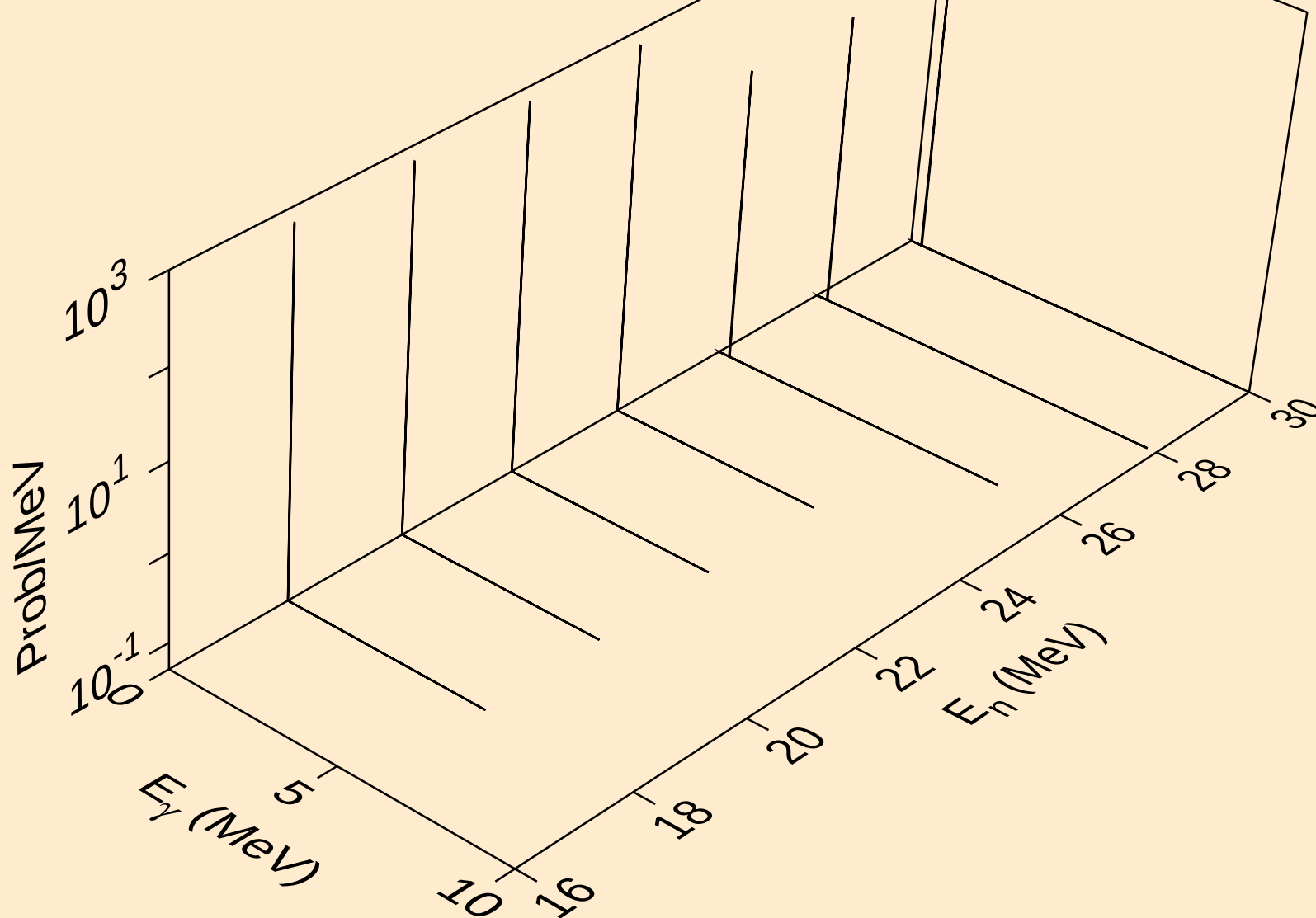


C015 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for inelastic

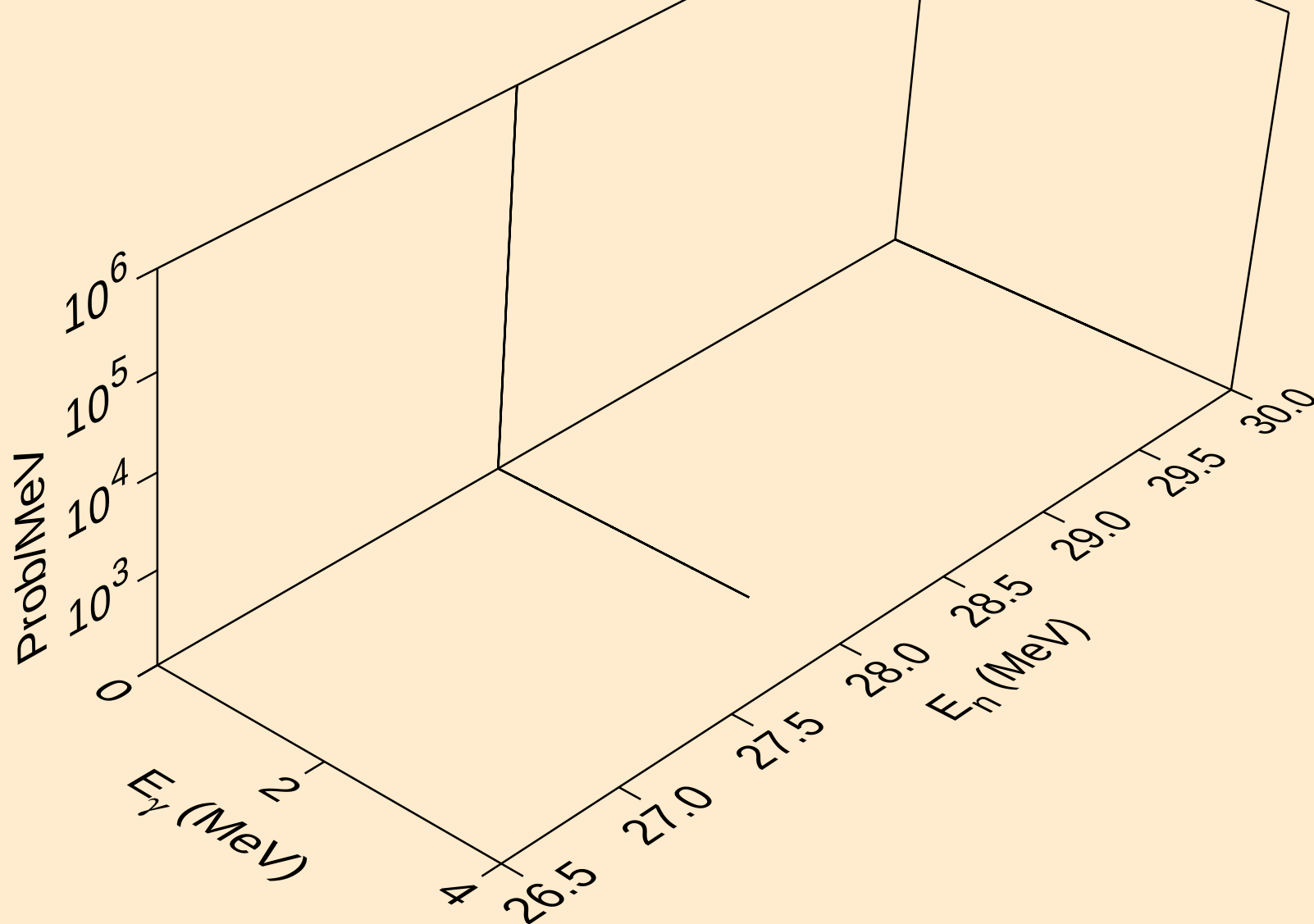


C015 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2a)



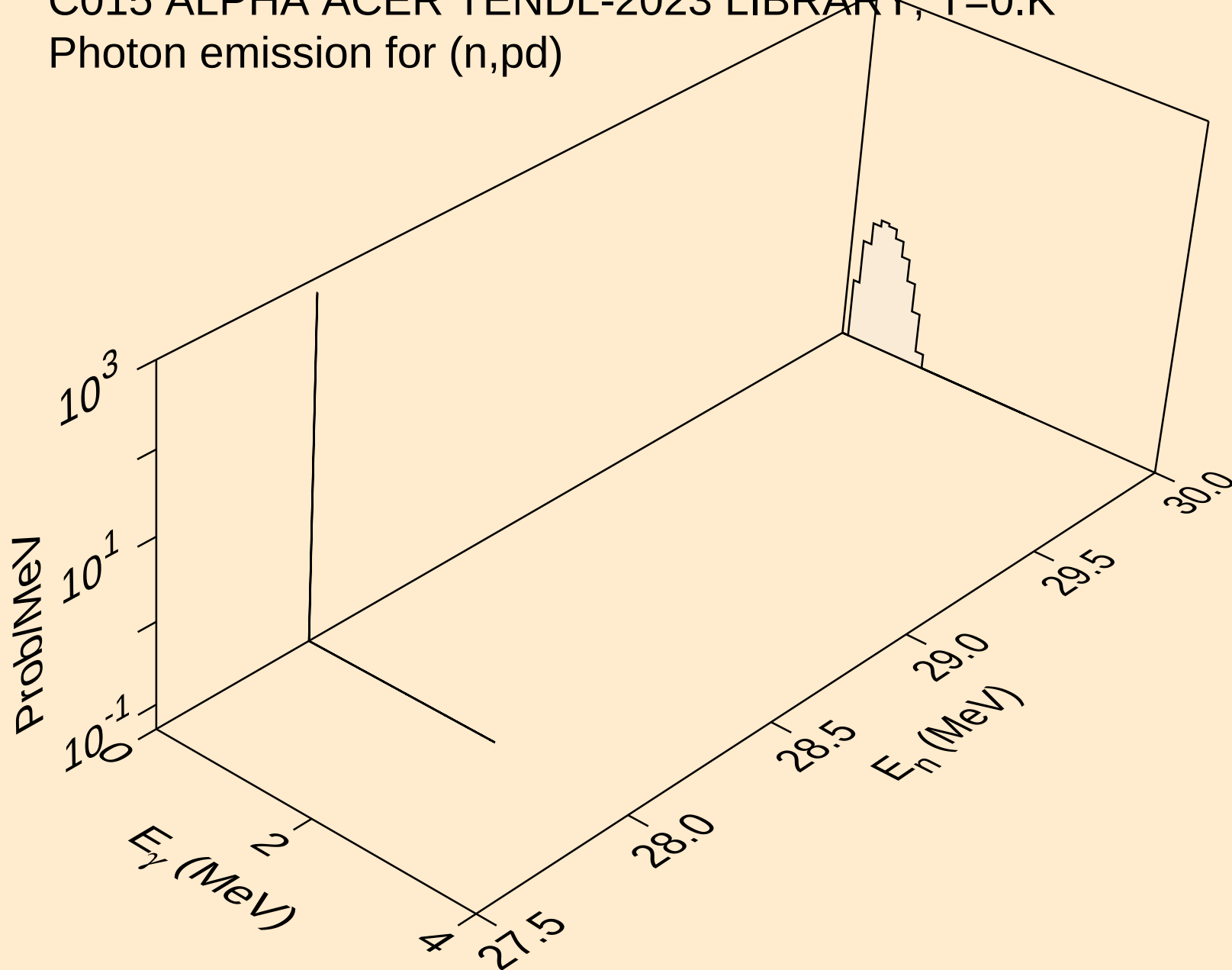
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Photon emission for (n,pa)



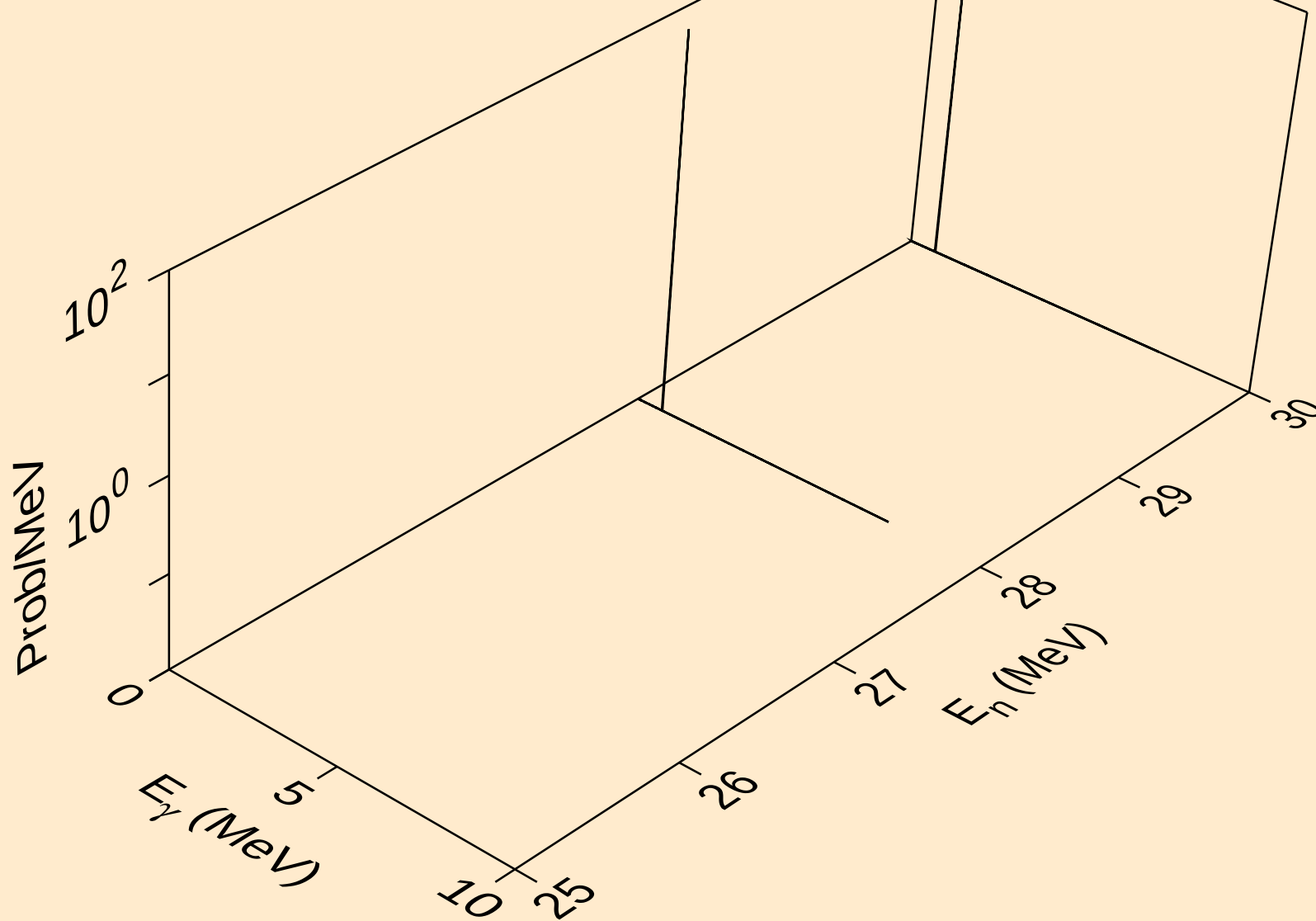
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Photon emission for (n,pd)

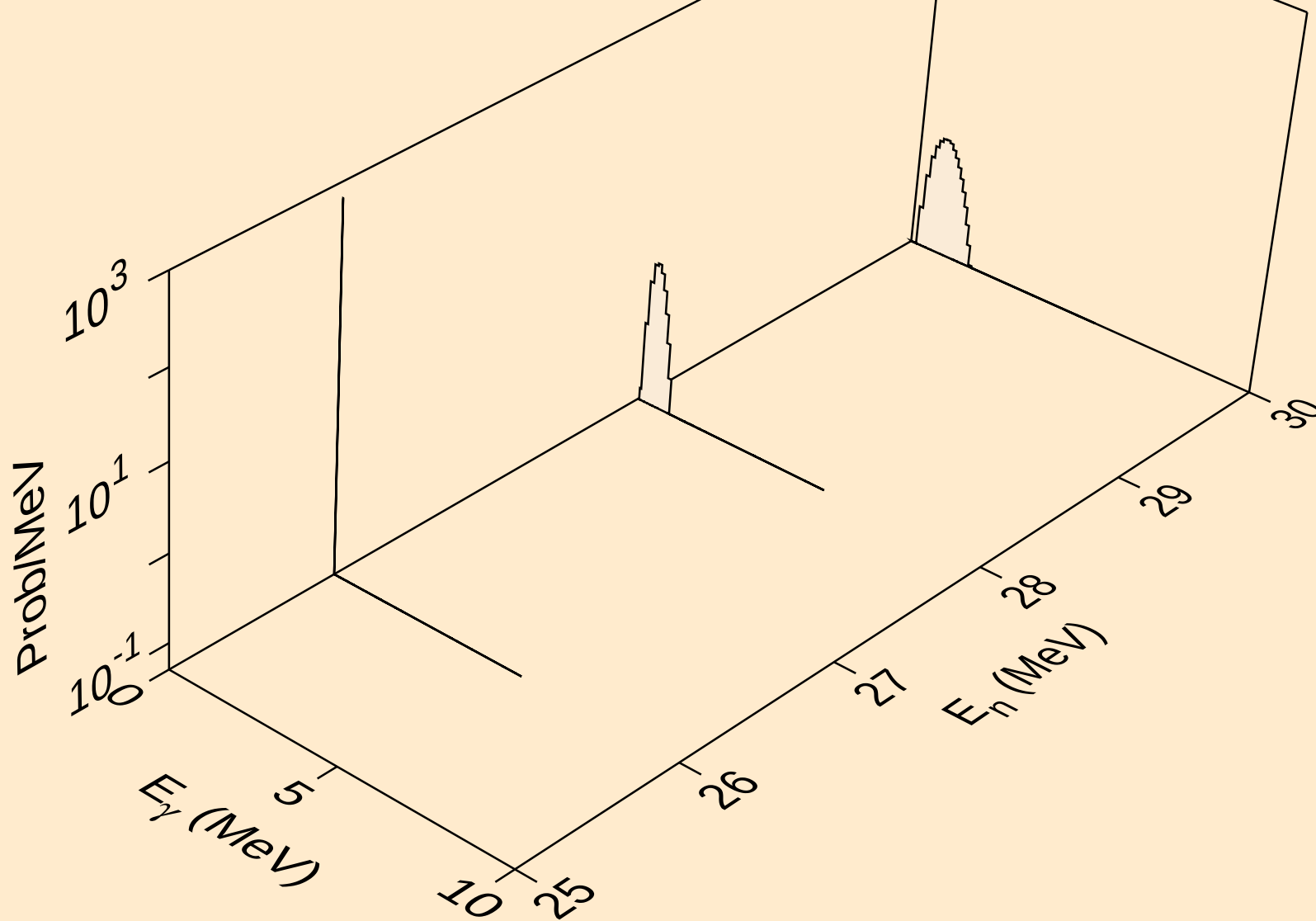


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Photon emission for (n,pt)

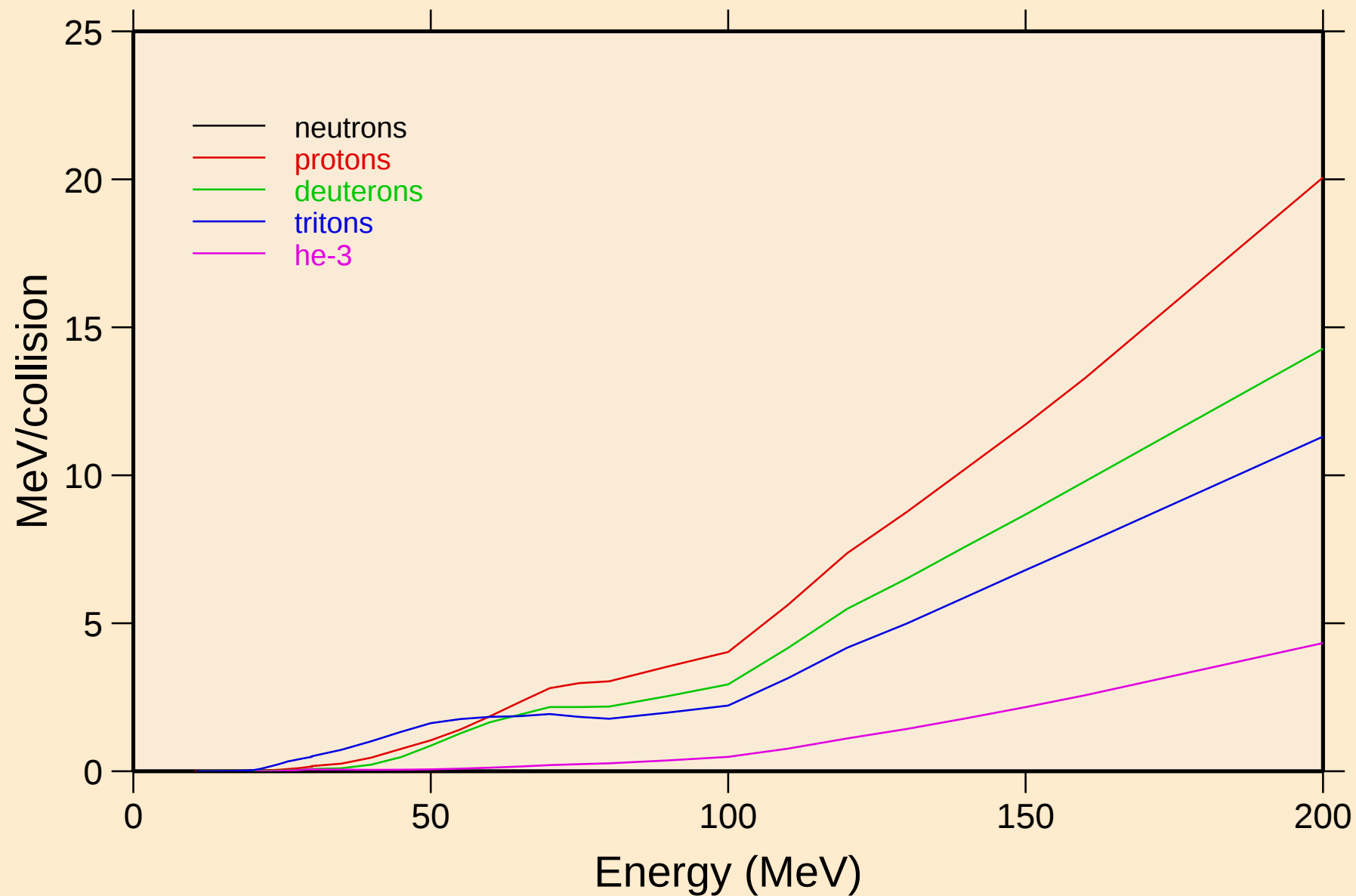


C015 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,da)



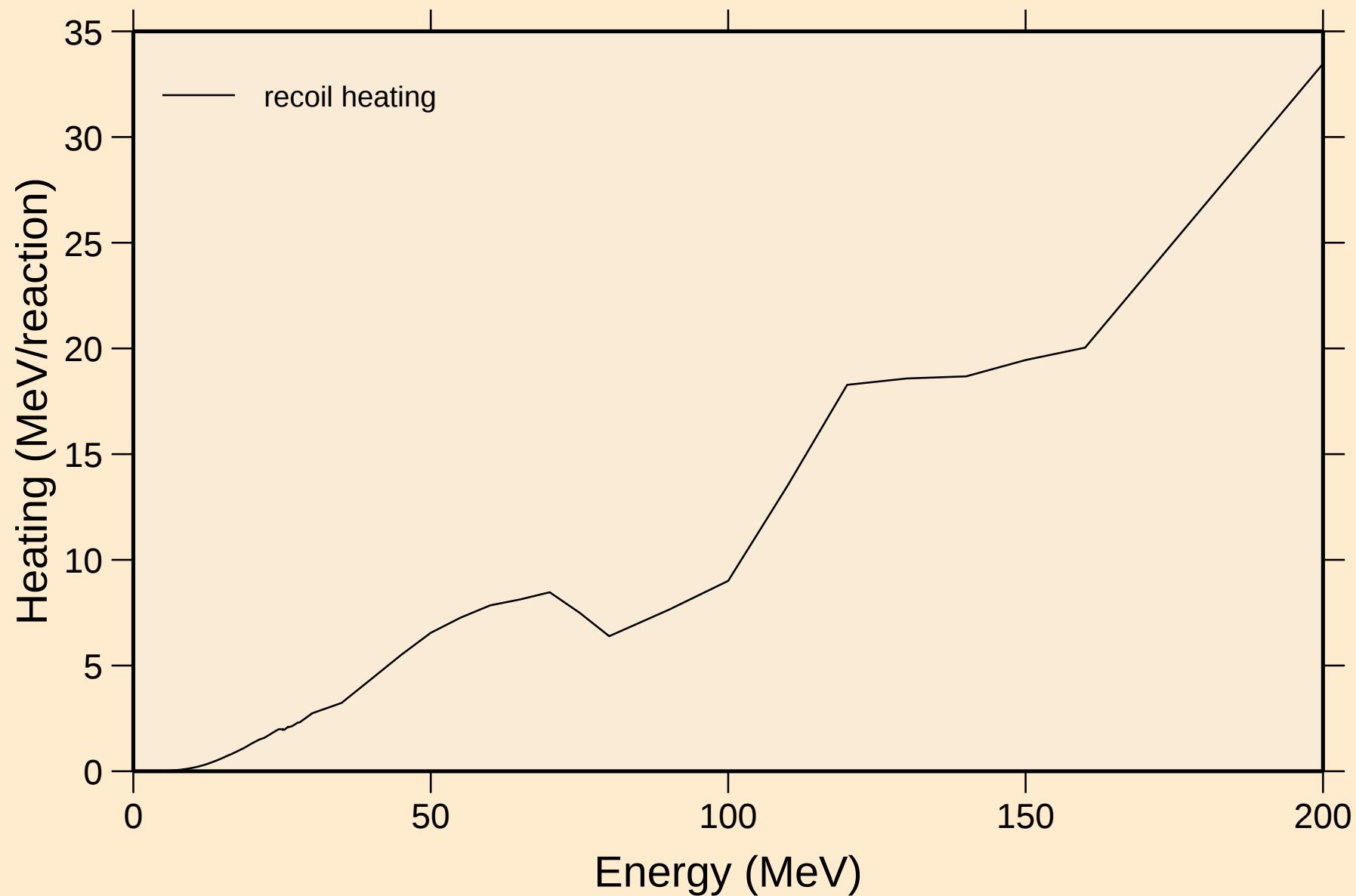
C015 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Particle heating contributions



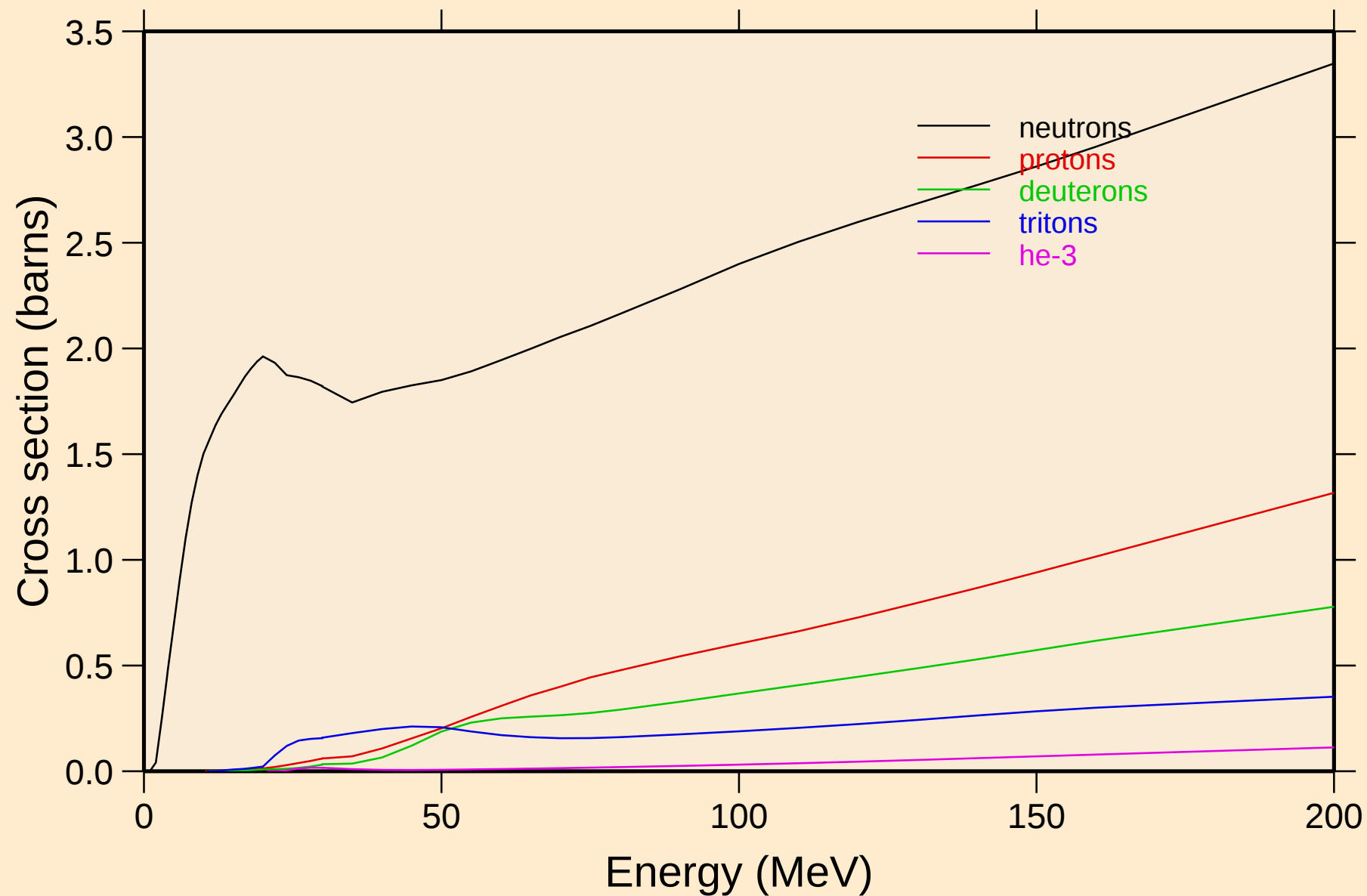
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Recoil Heating

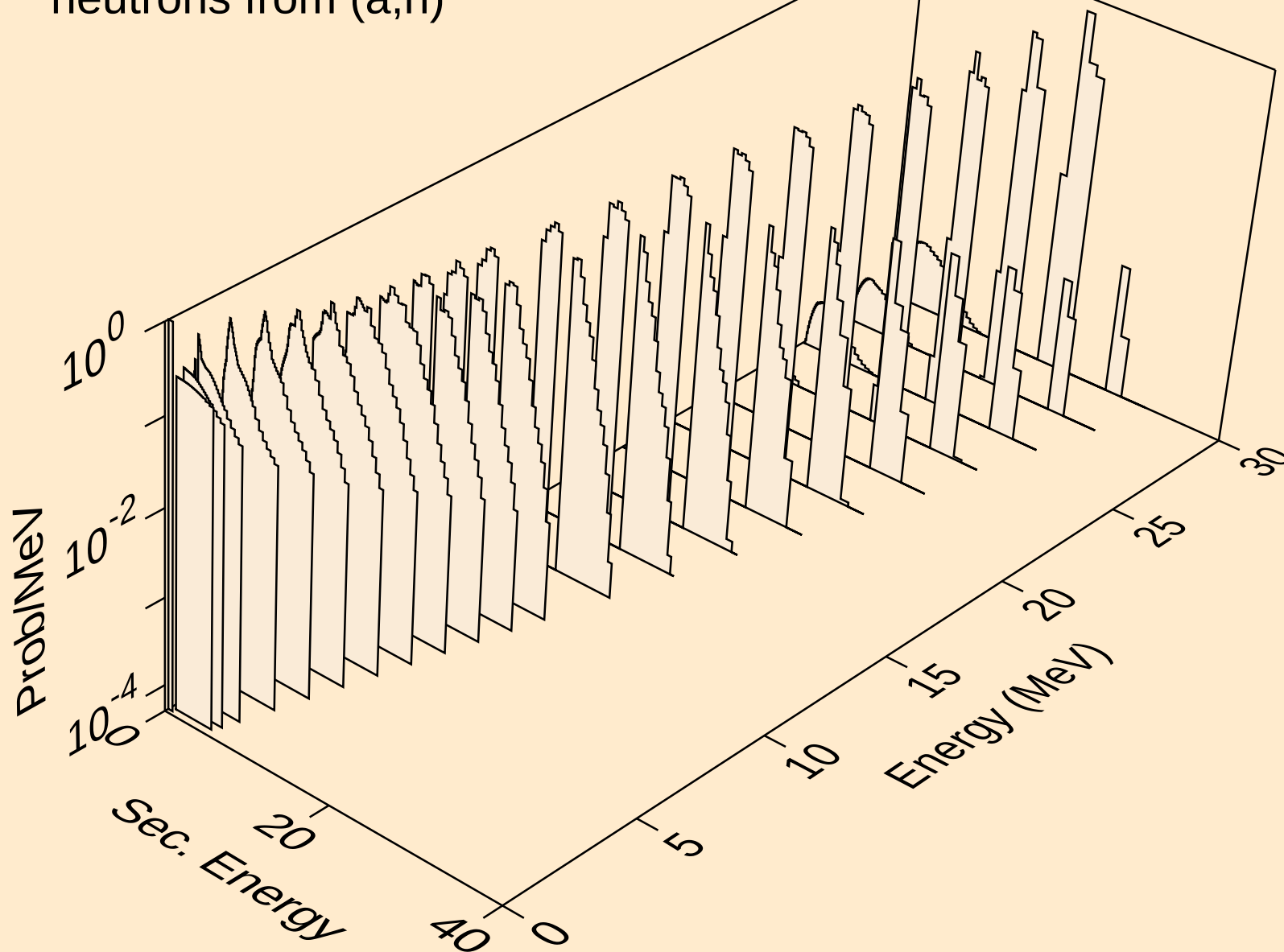


C015 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

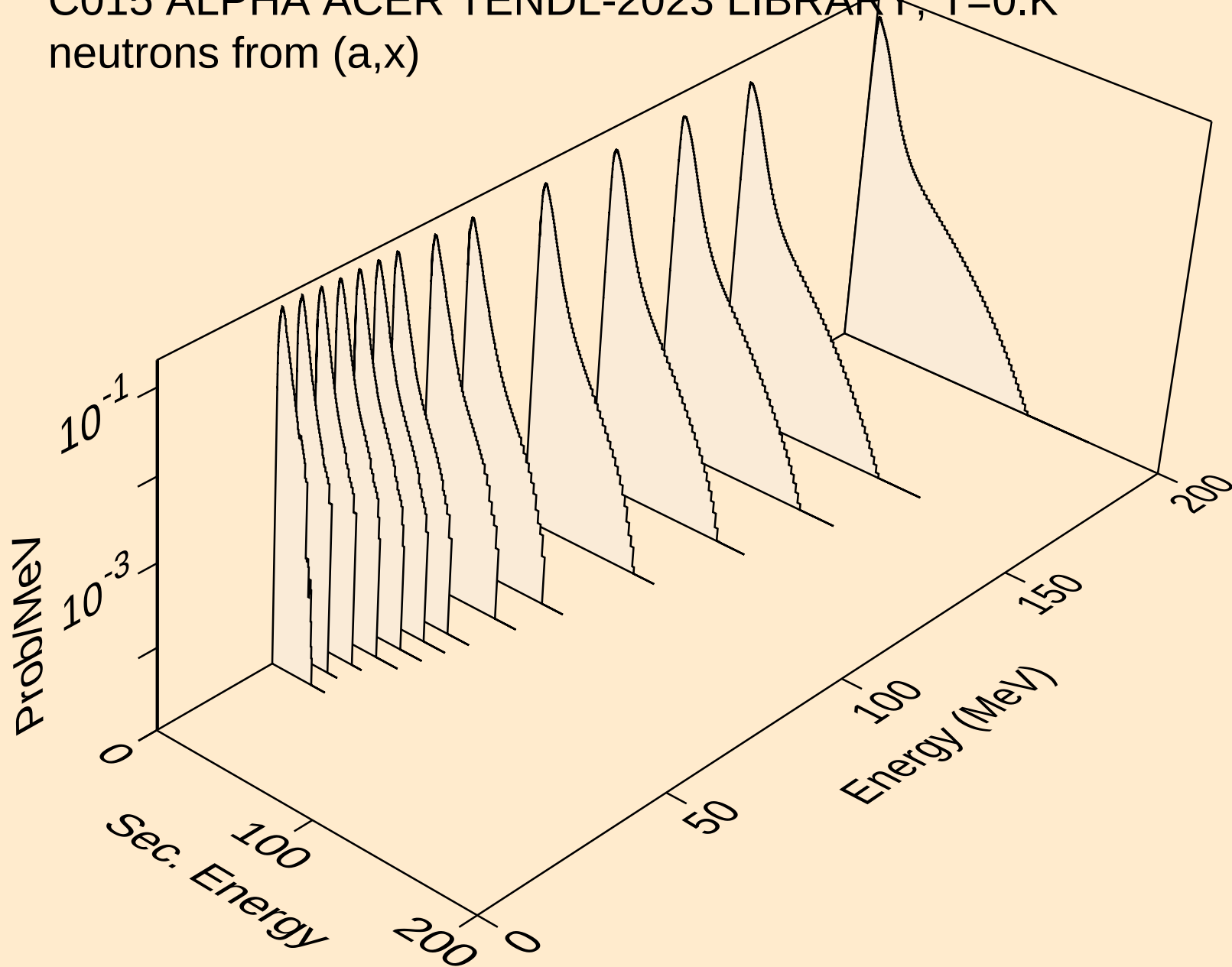
Particle production cross sections



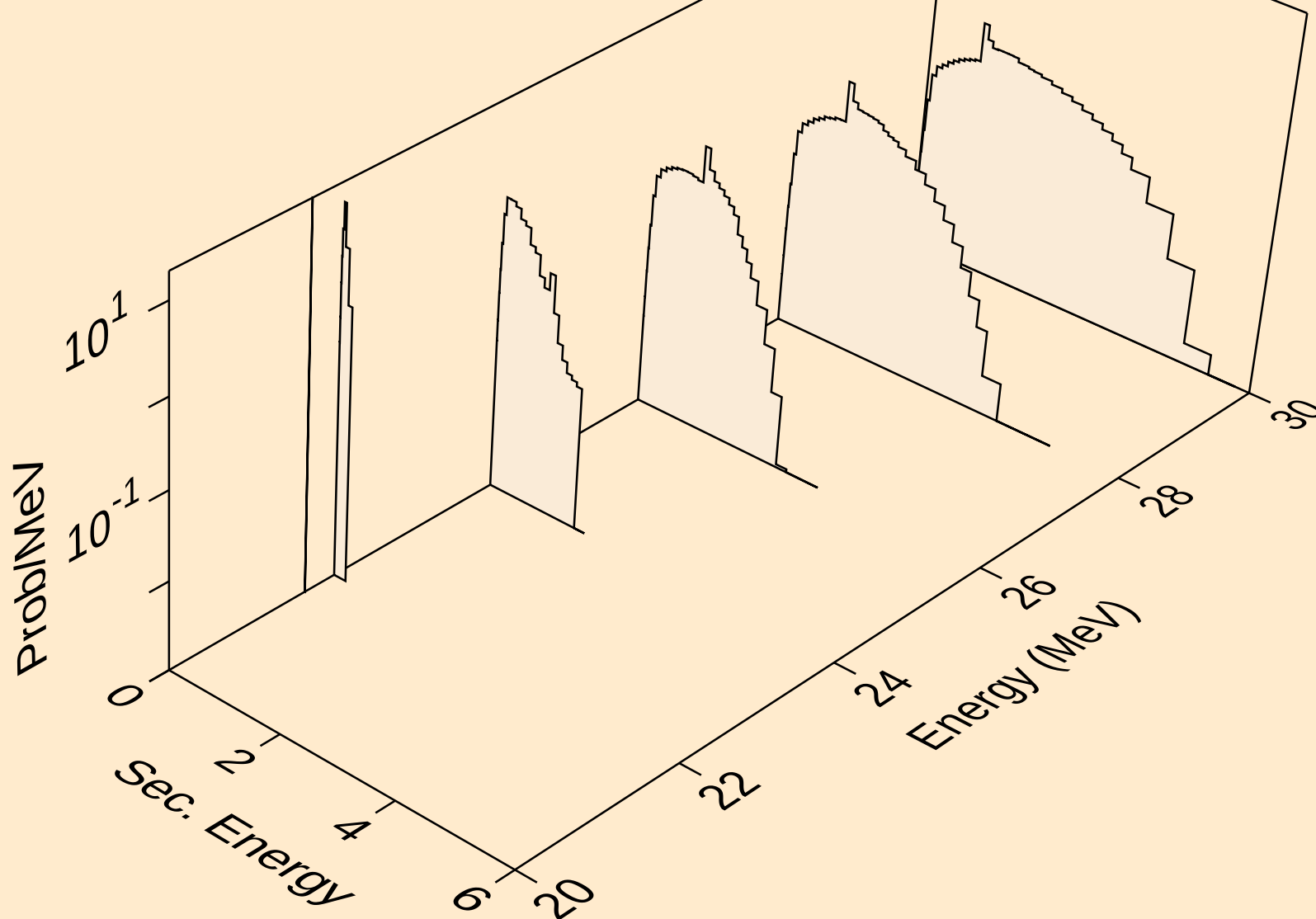
C015 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n)



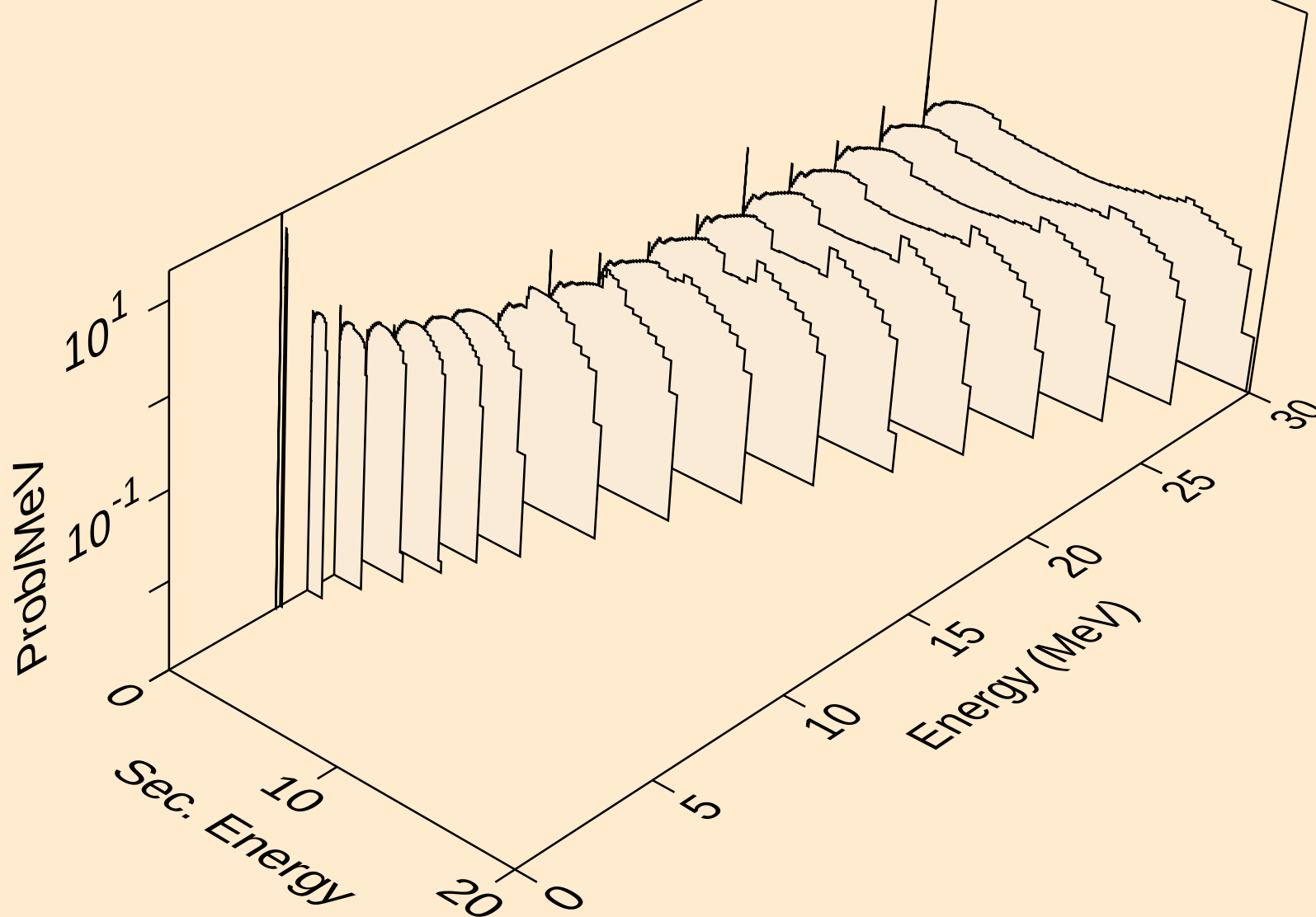
C015 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,x)



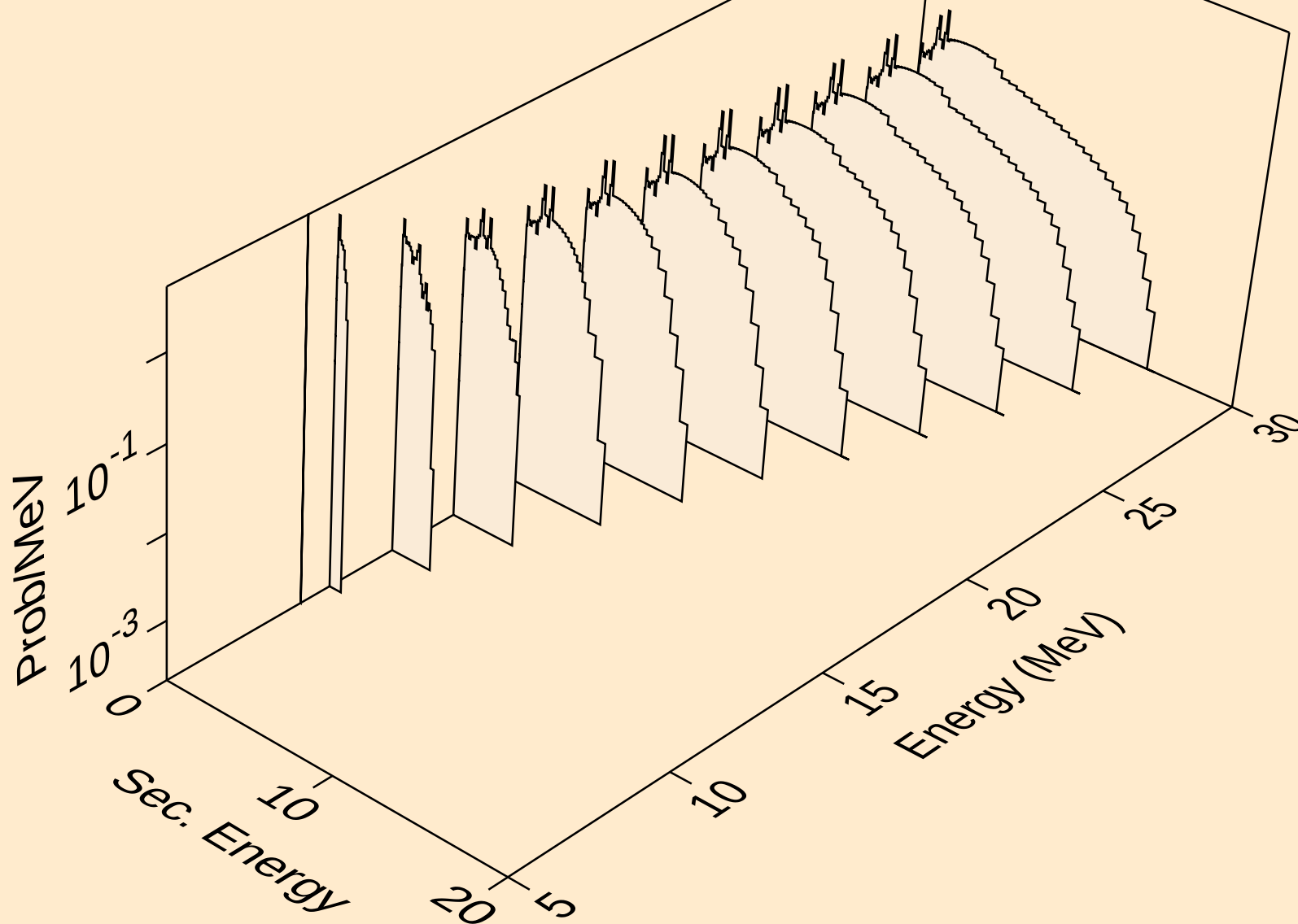
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neutrons from (a,2nd)



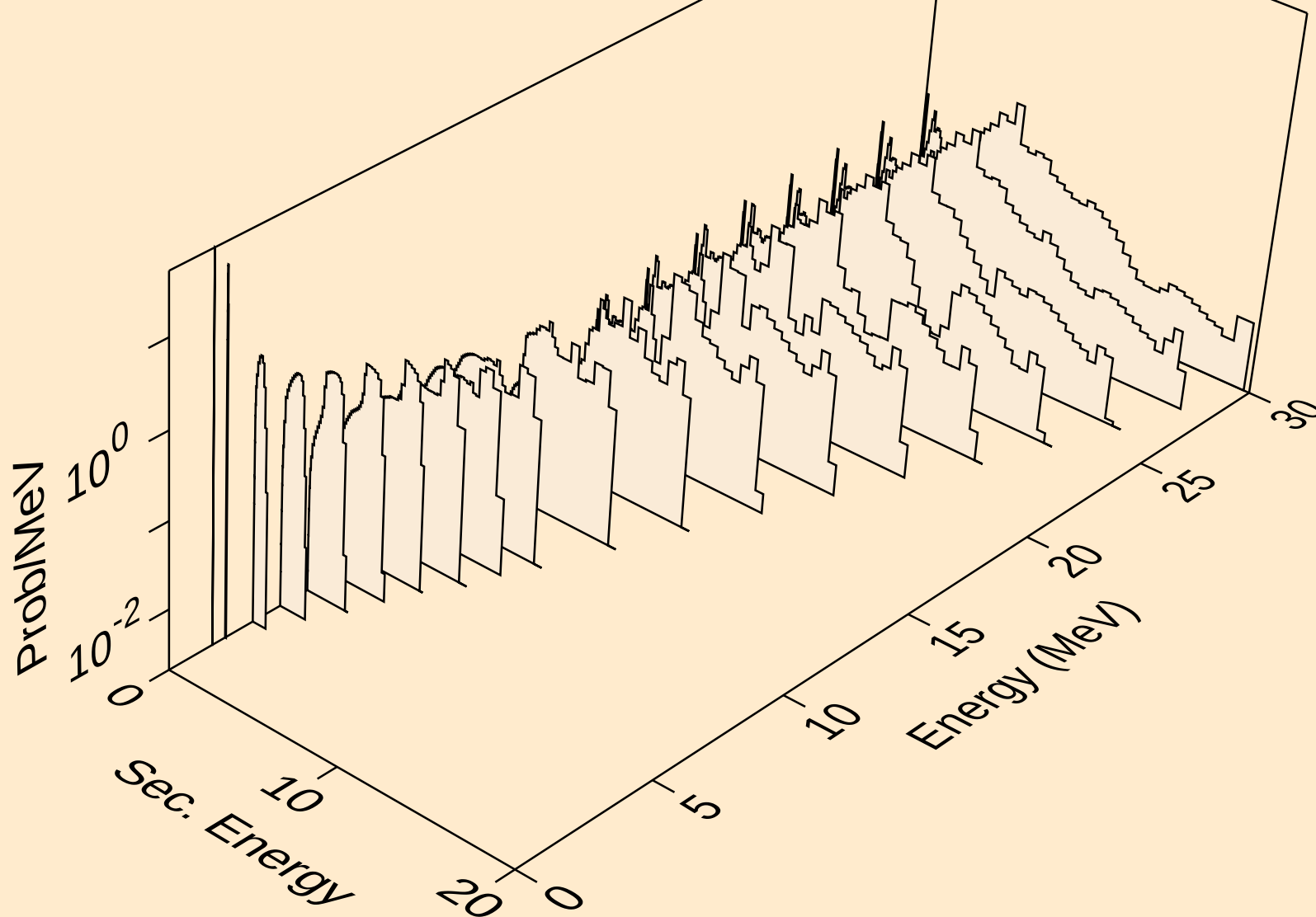
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neutrons from (a,2n)



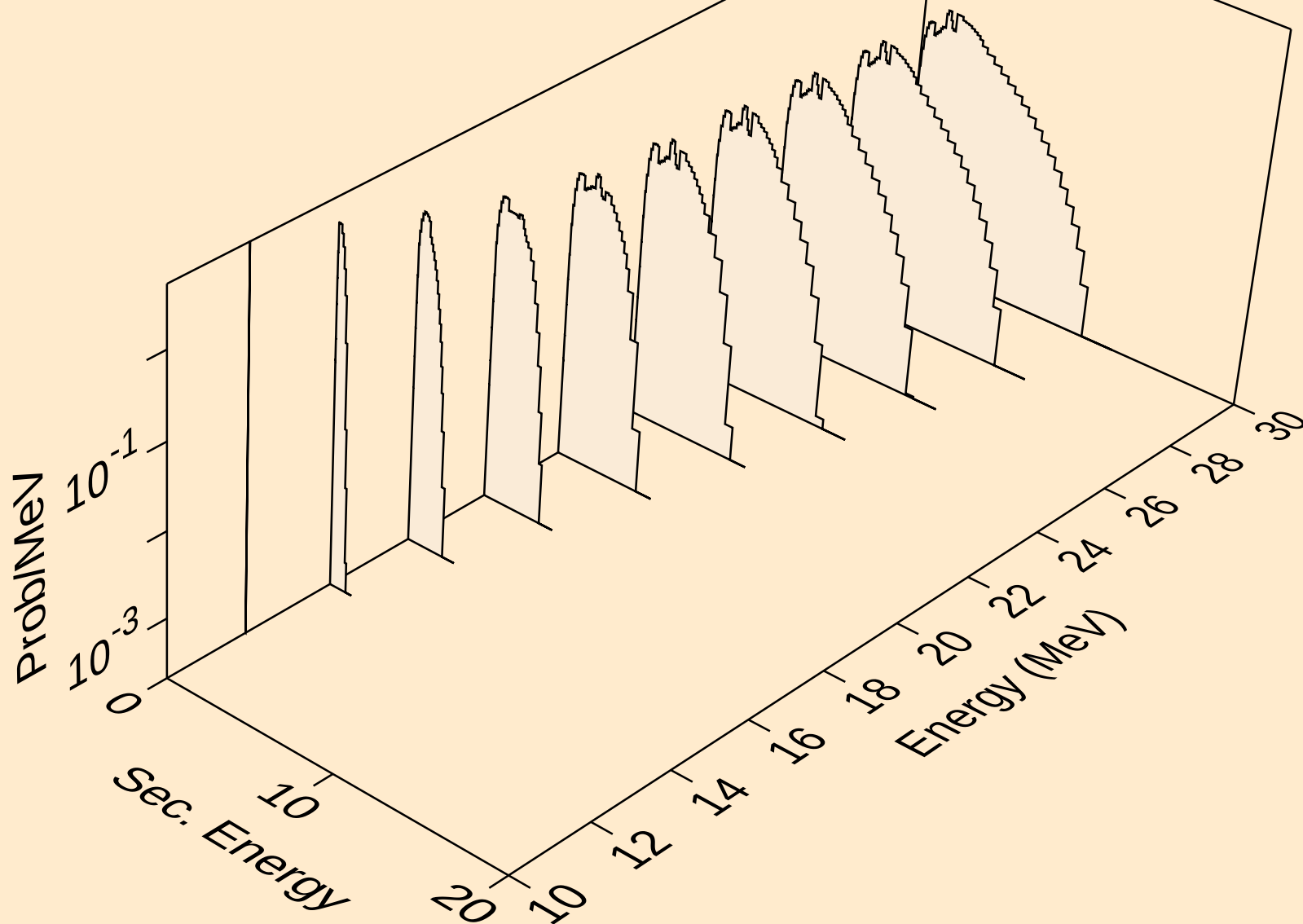
C015 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,3n)



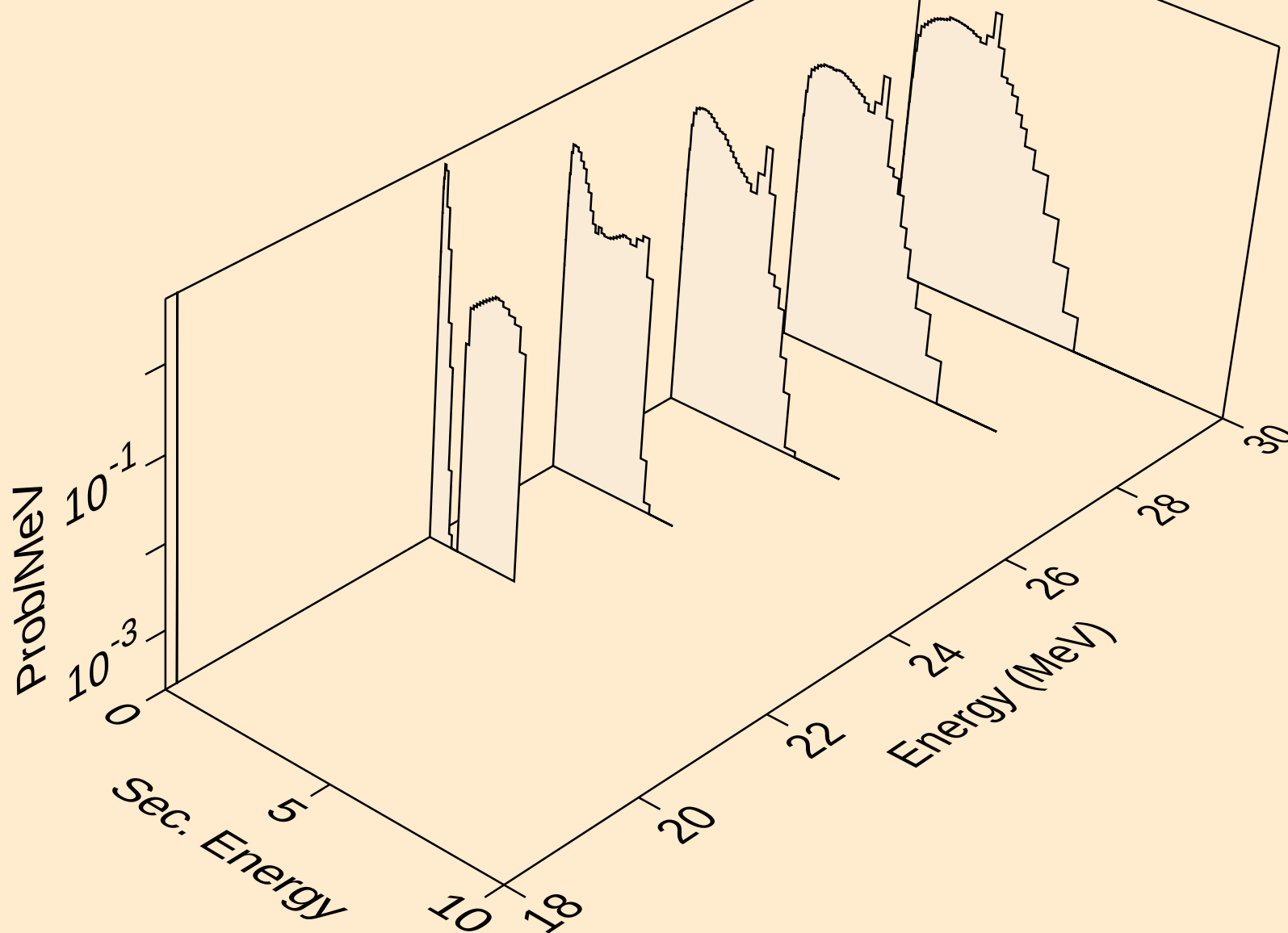
C015 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n*)a



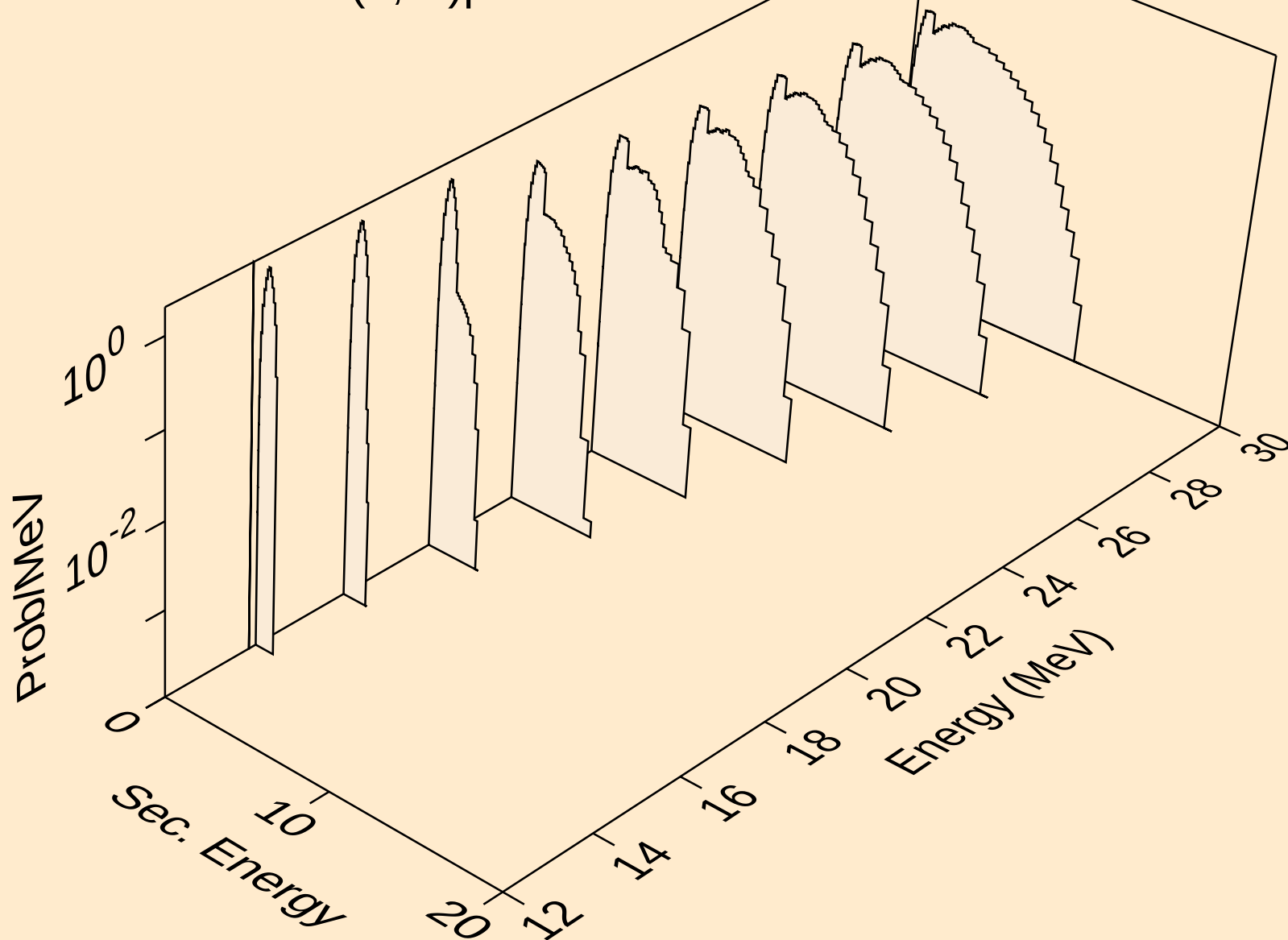
C015 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,2n)a



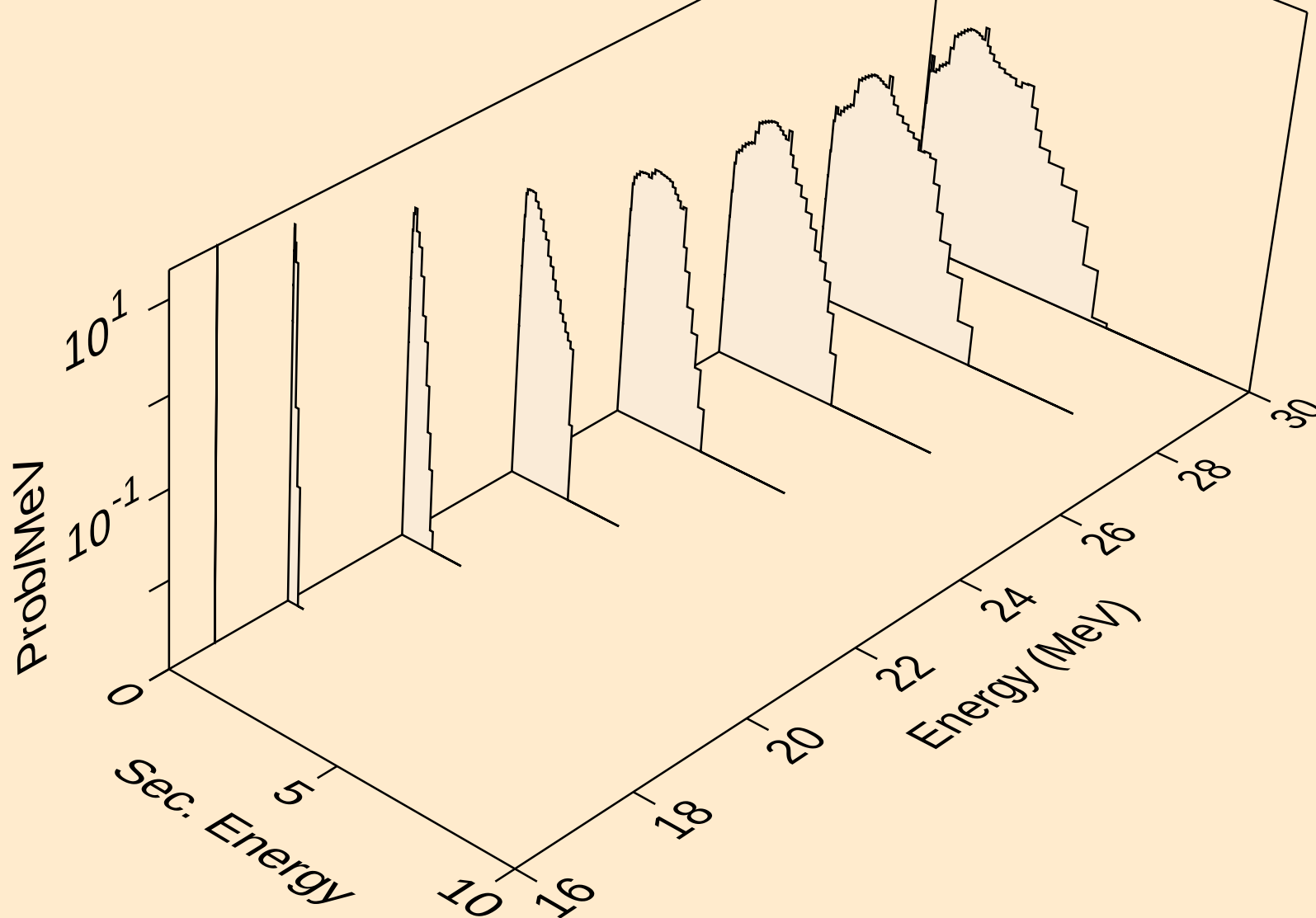
C015 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,3n)a



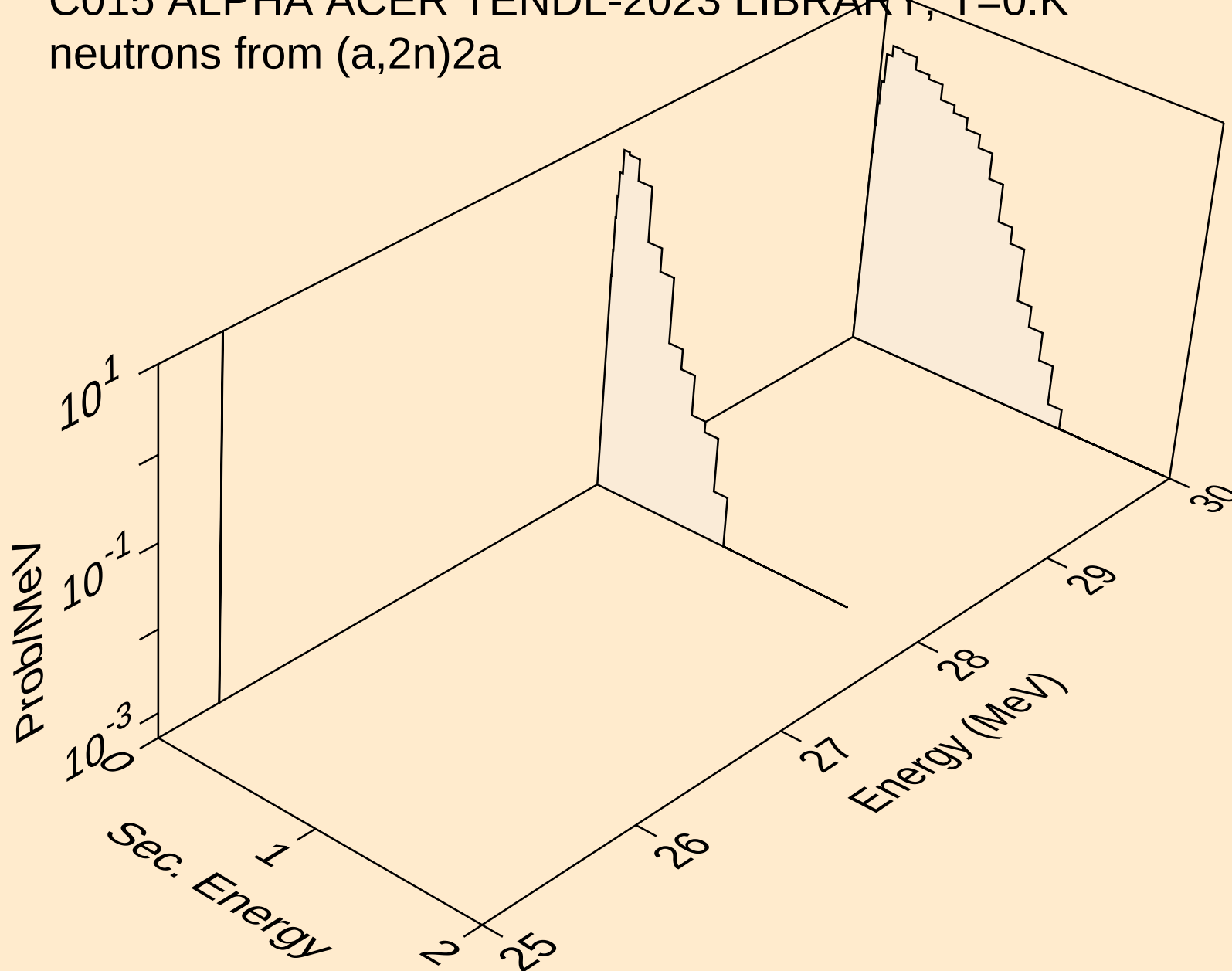
C015 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n*)p



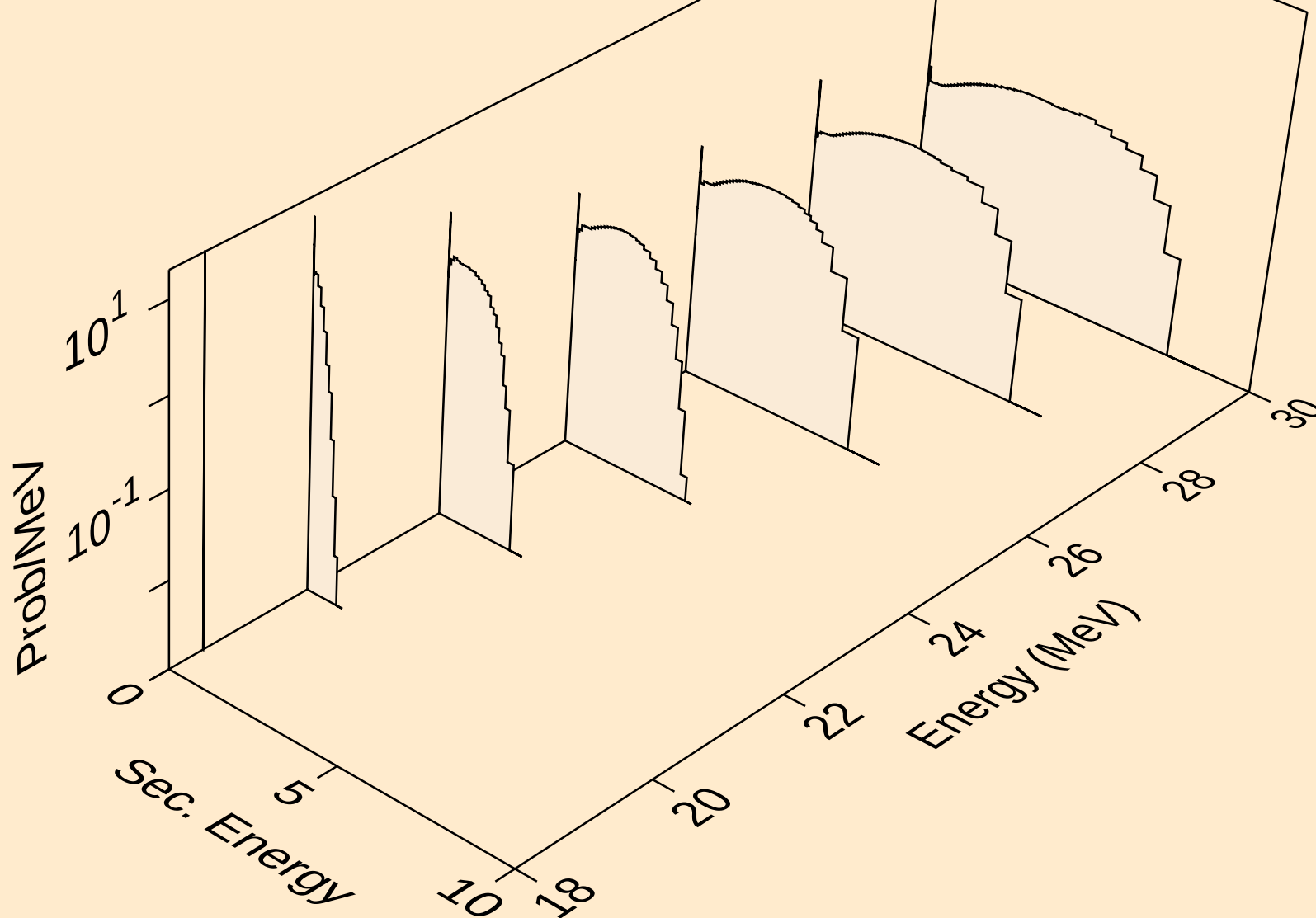
C015 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n*)2a



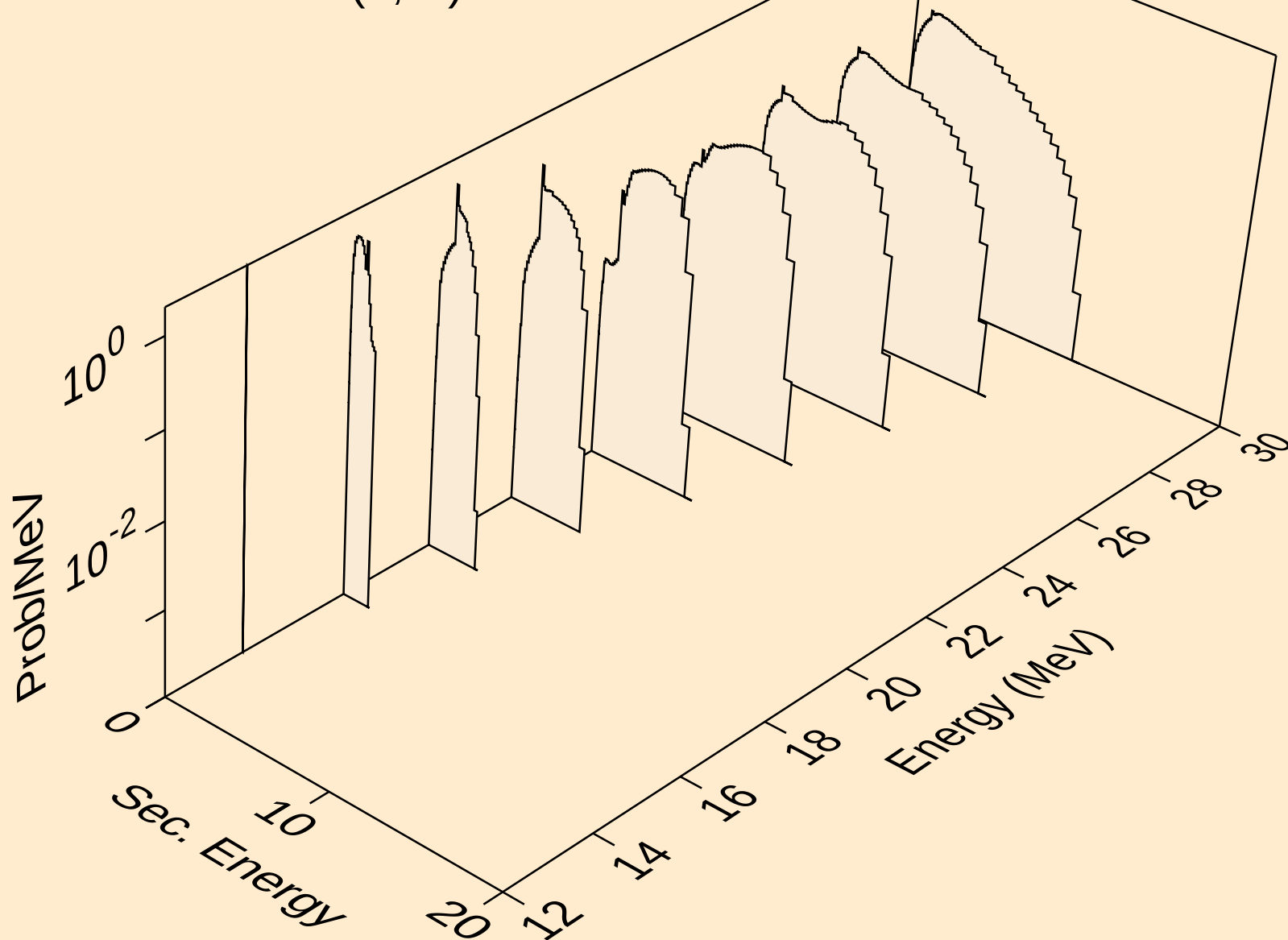
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neutrons from (a,2n)2a



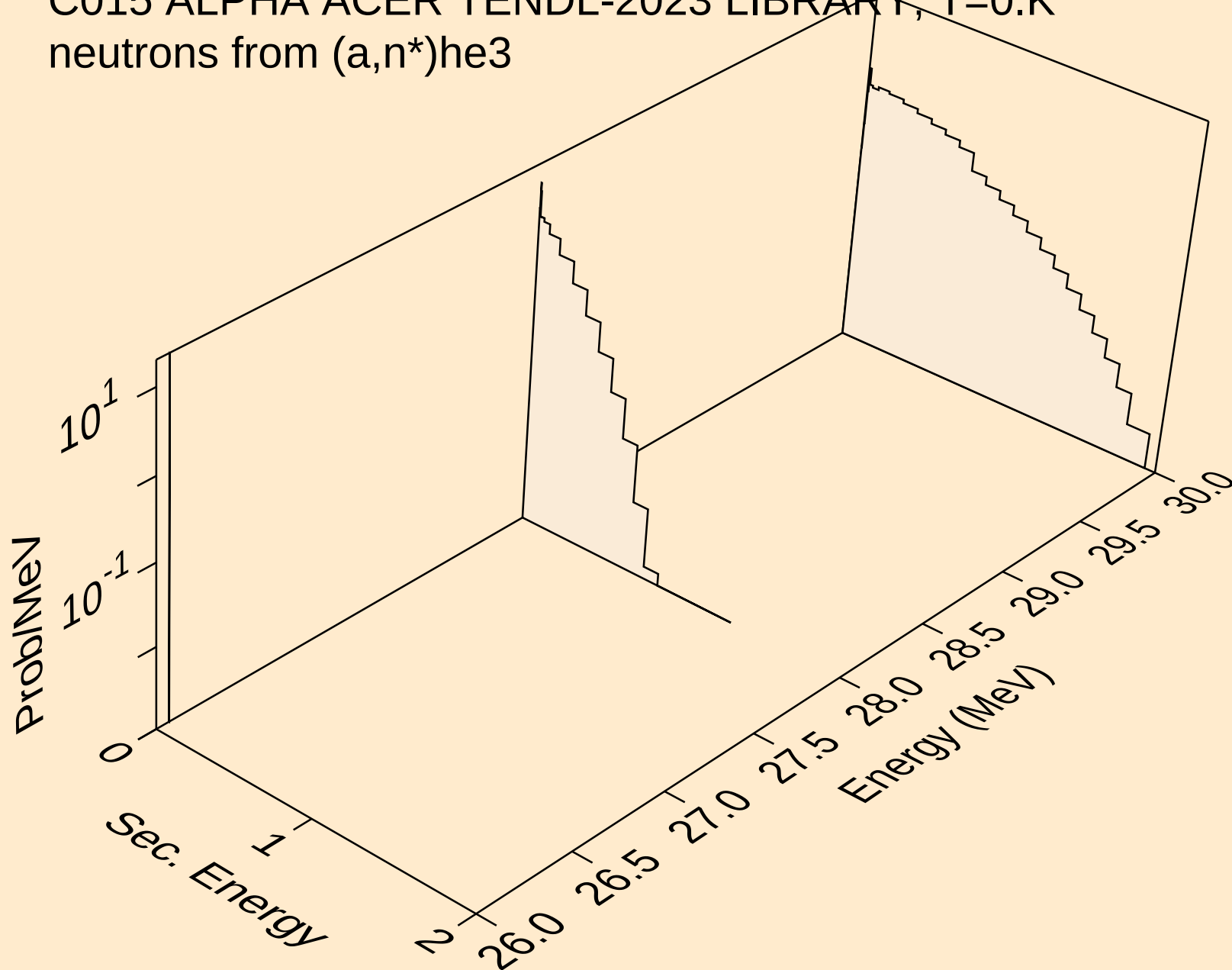
C015 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n*)d



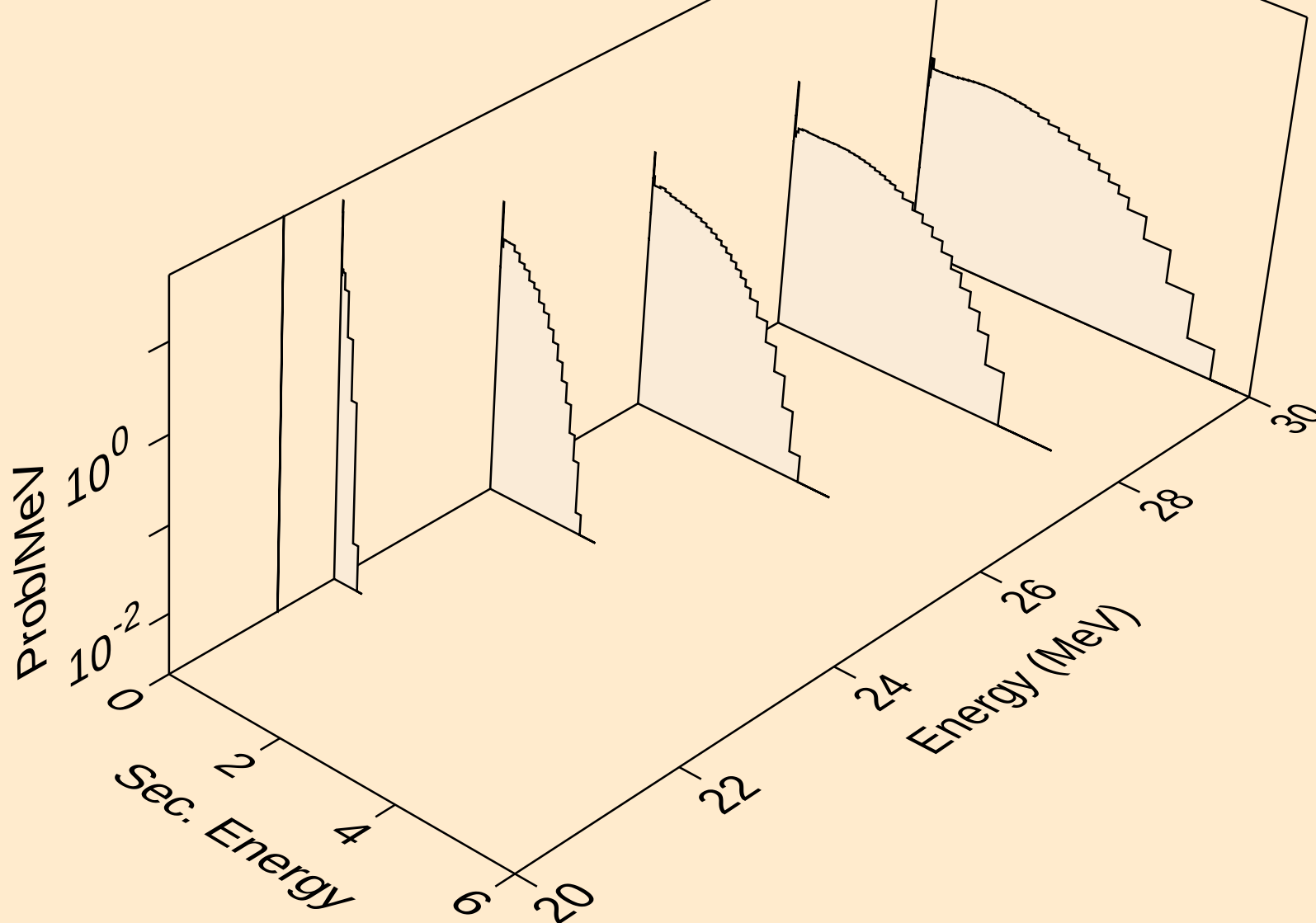
C015 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n*)t



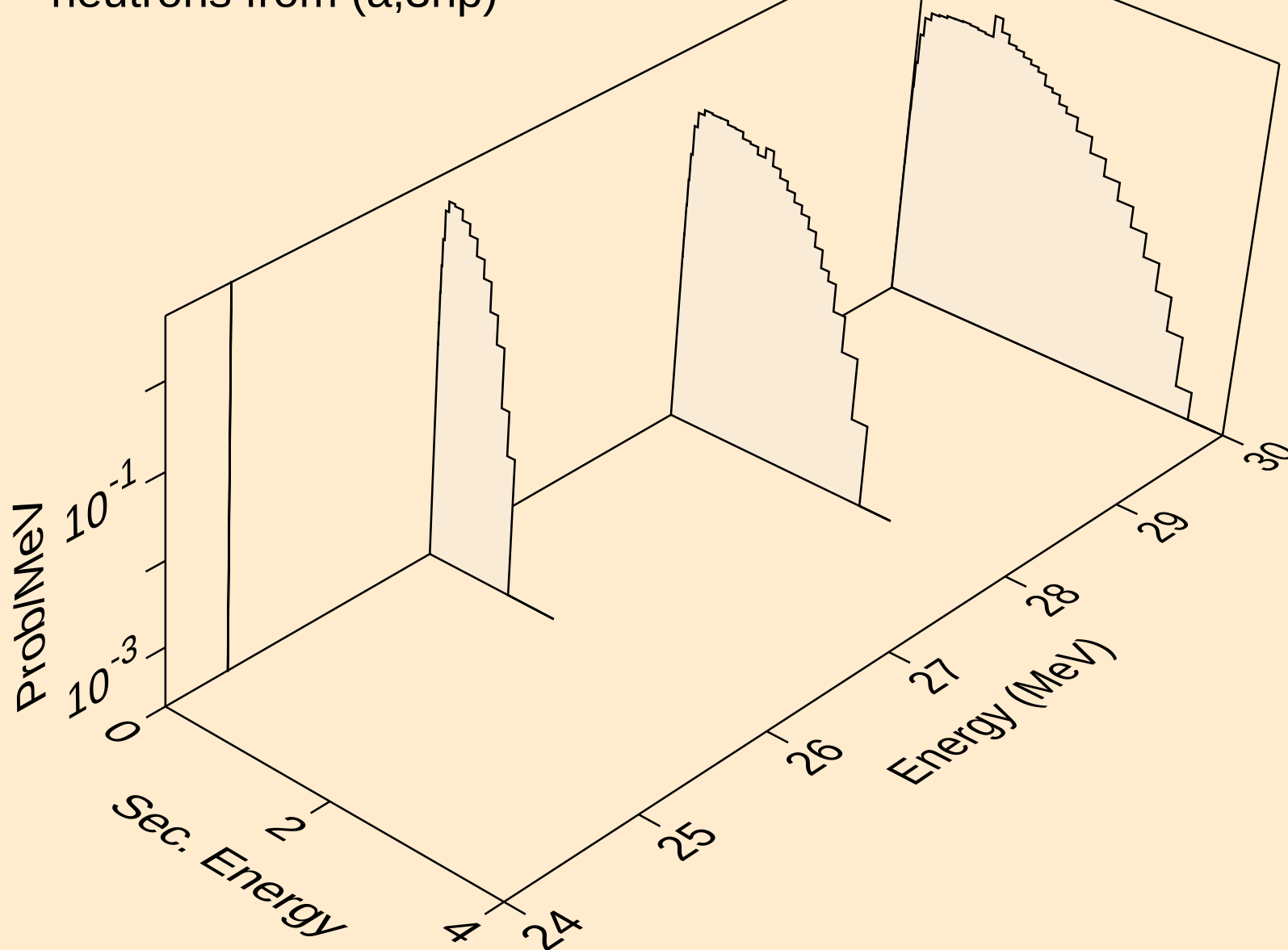
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neutrons from (a,n*)he3



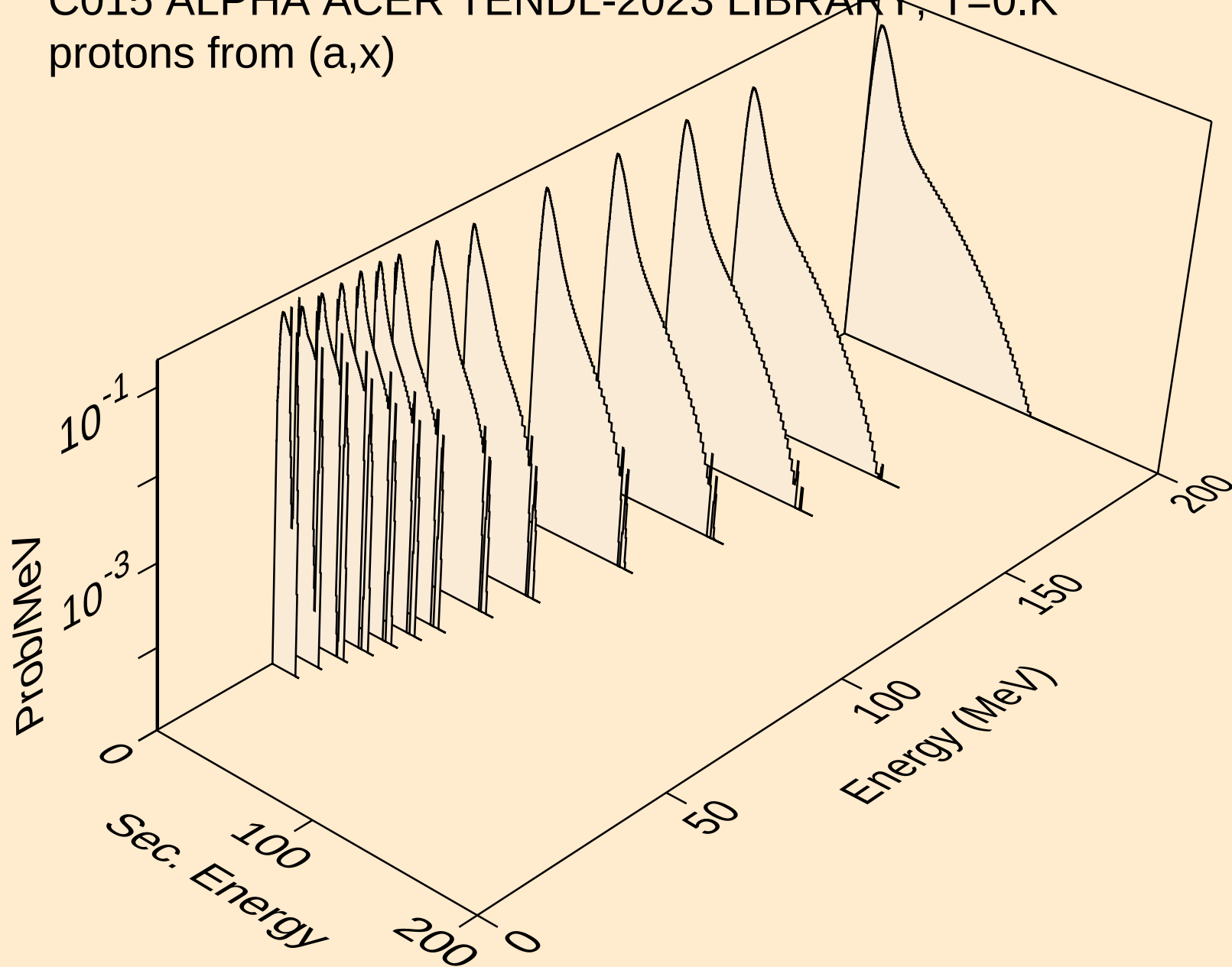
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neutrons from (a,2np)



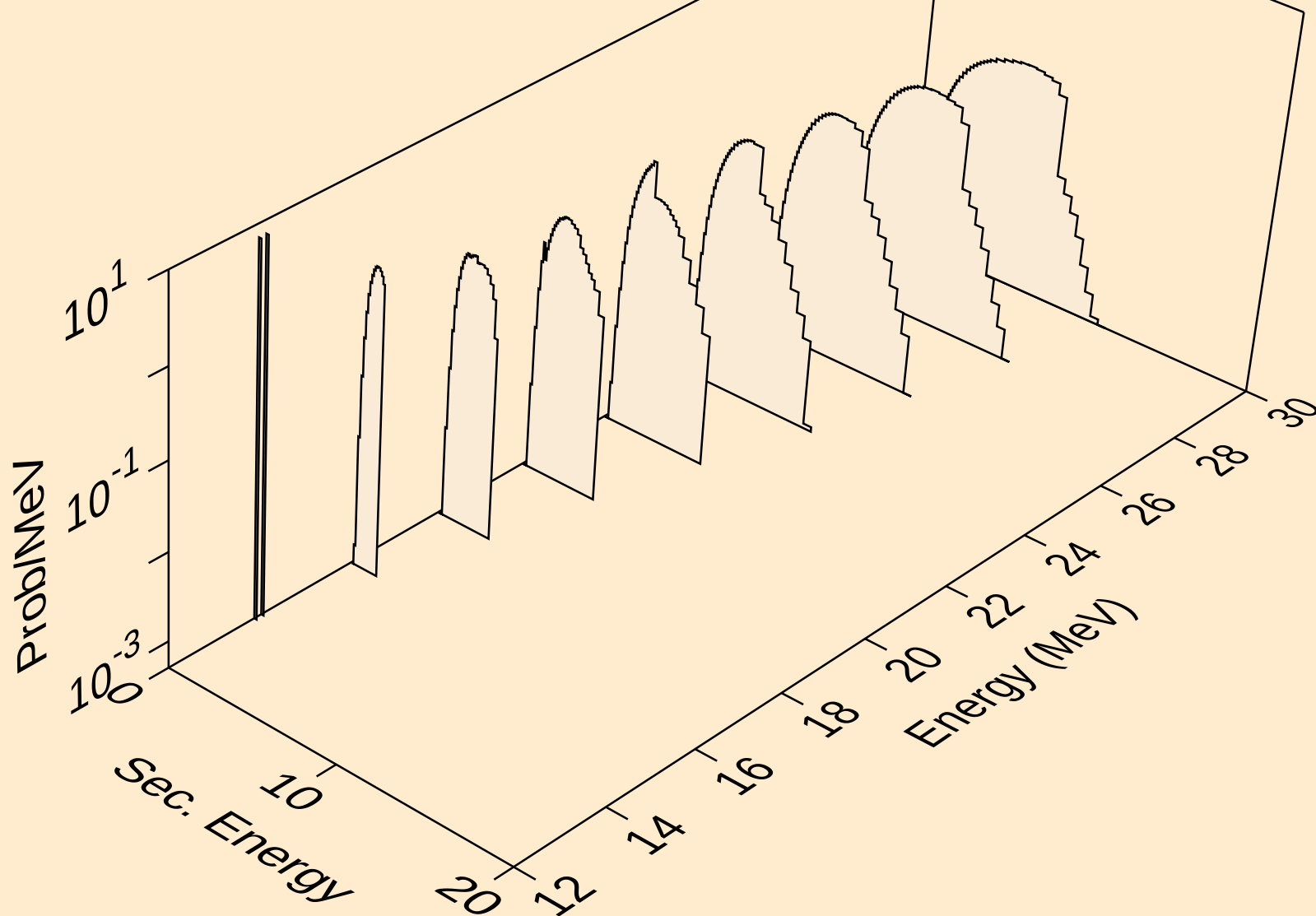
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neutrons from (a,3np)



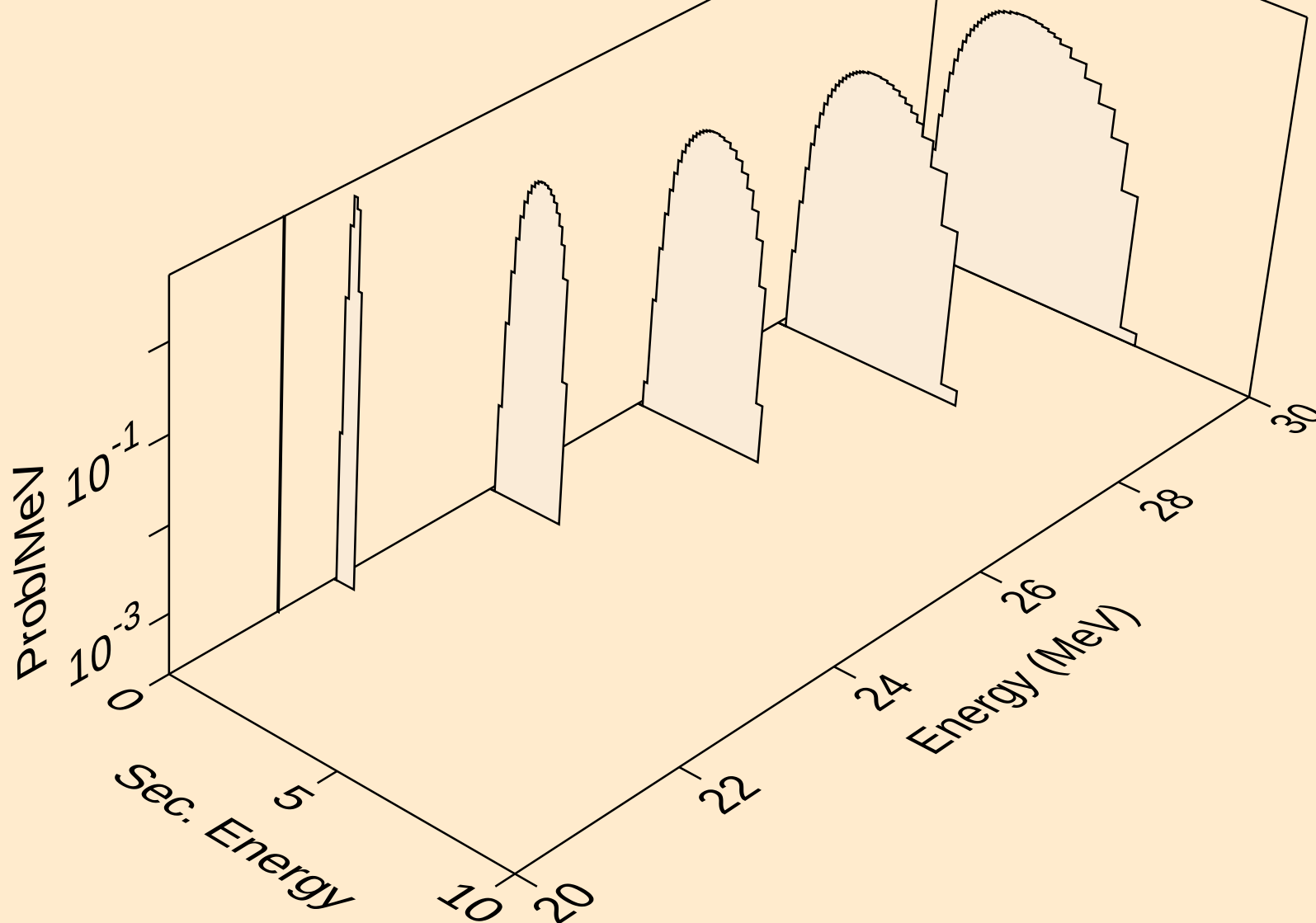
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protons from (a,x)



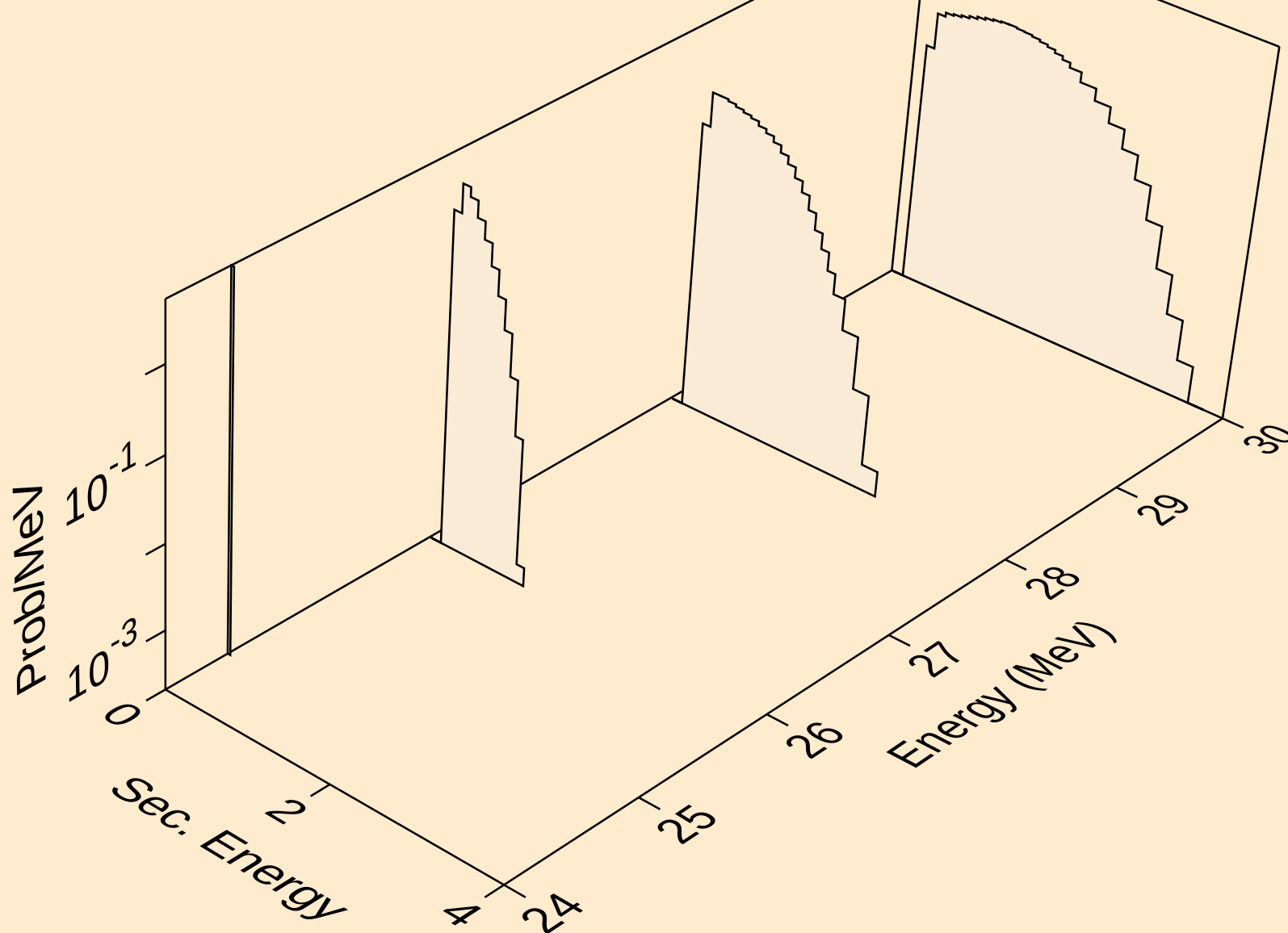
C015 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
protons from (a,n*)p



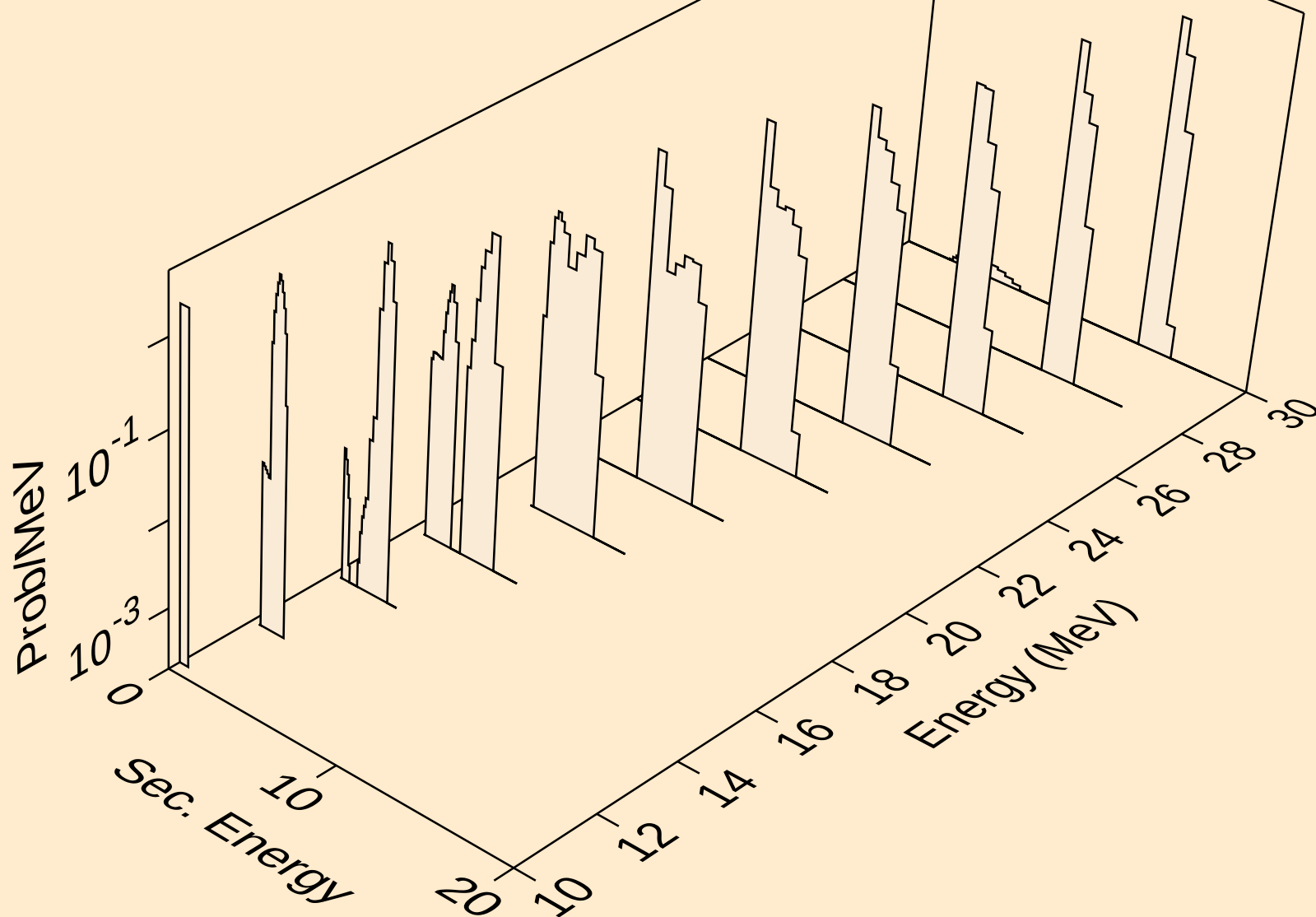
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protons from (a,2np)



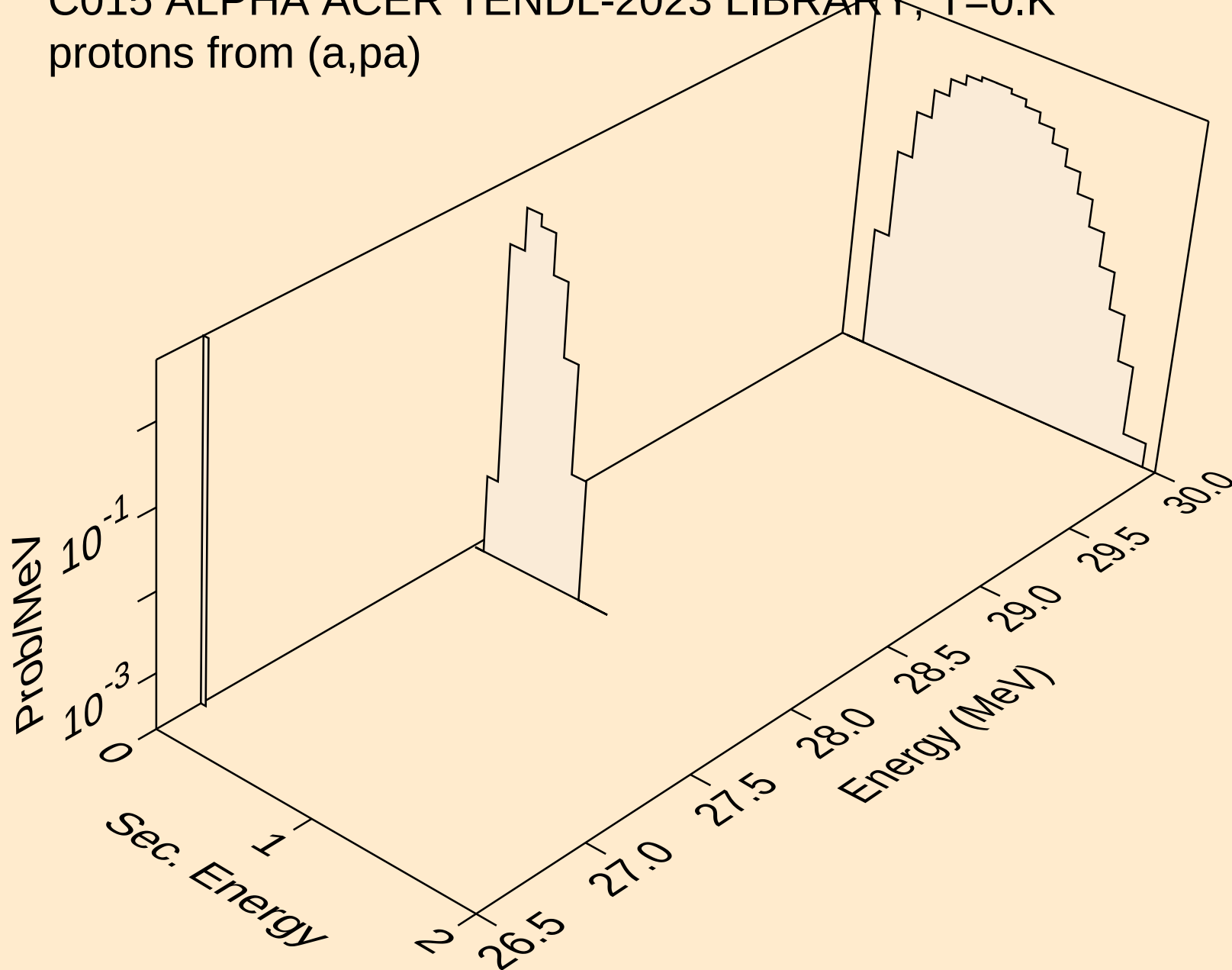
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protons from (a,3np)



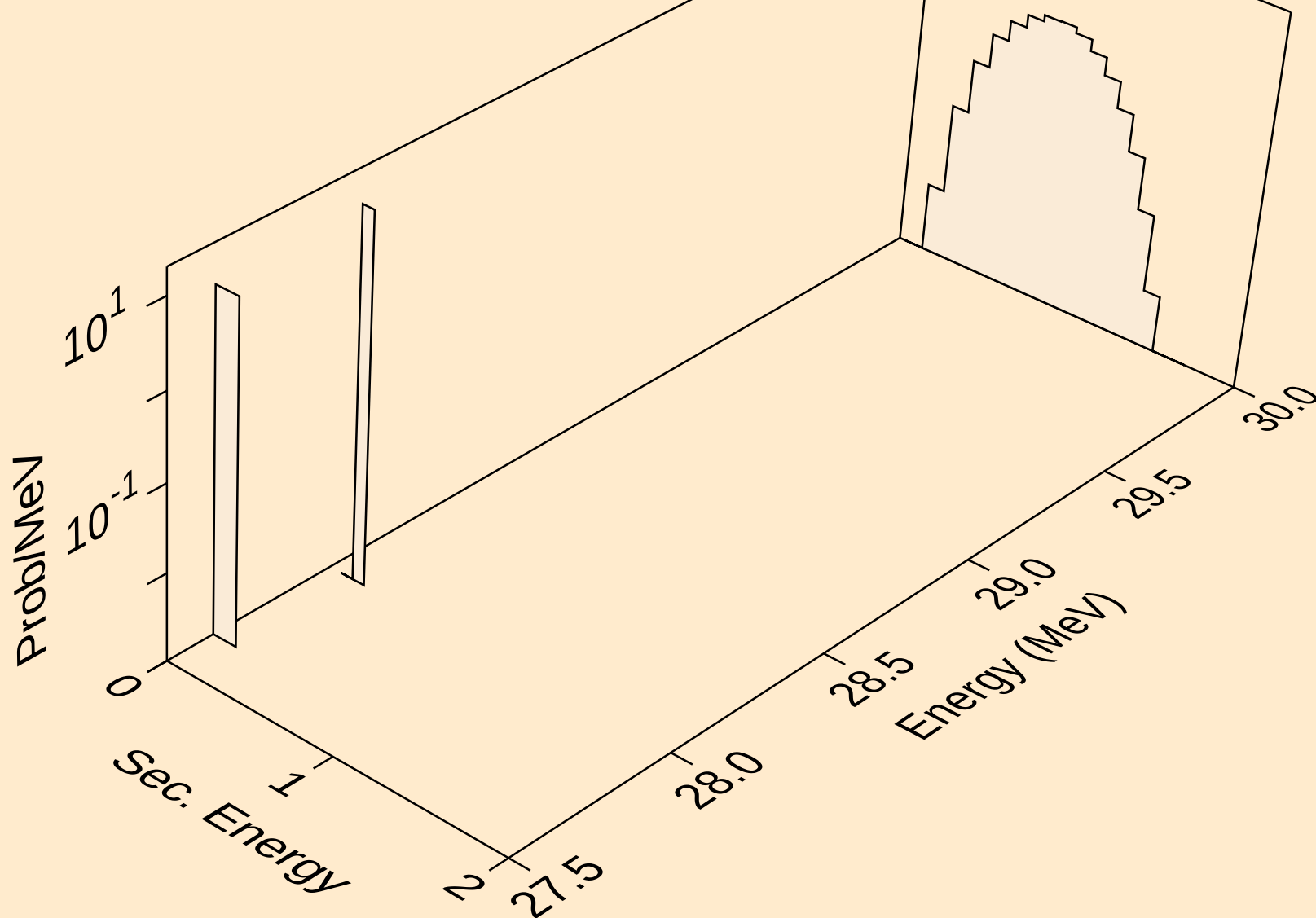
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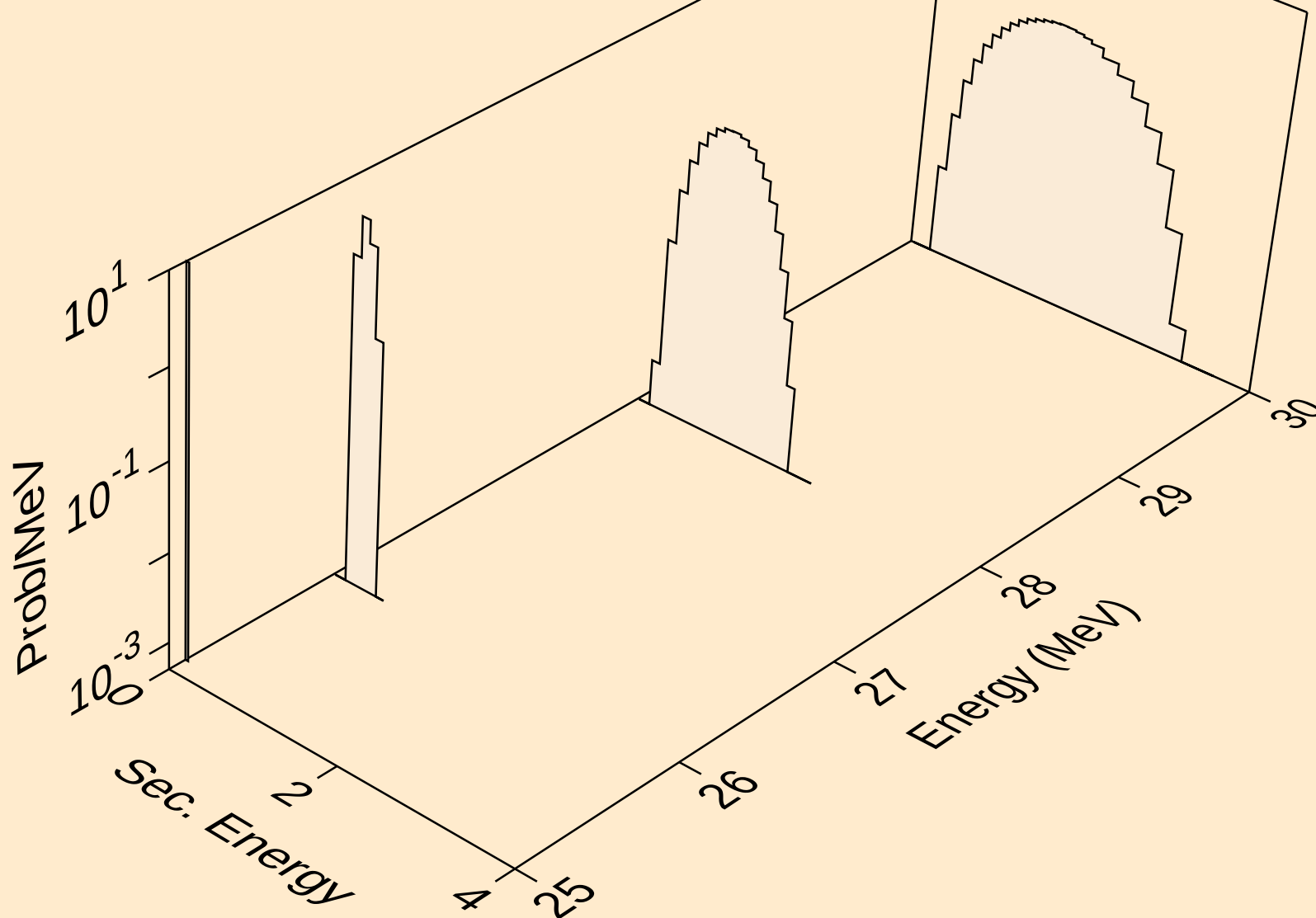
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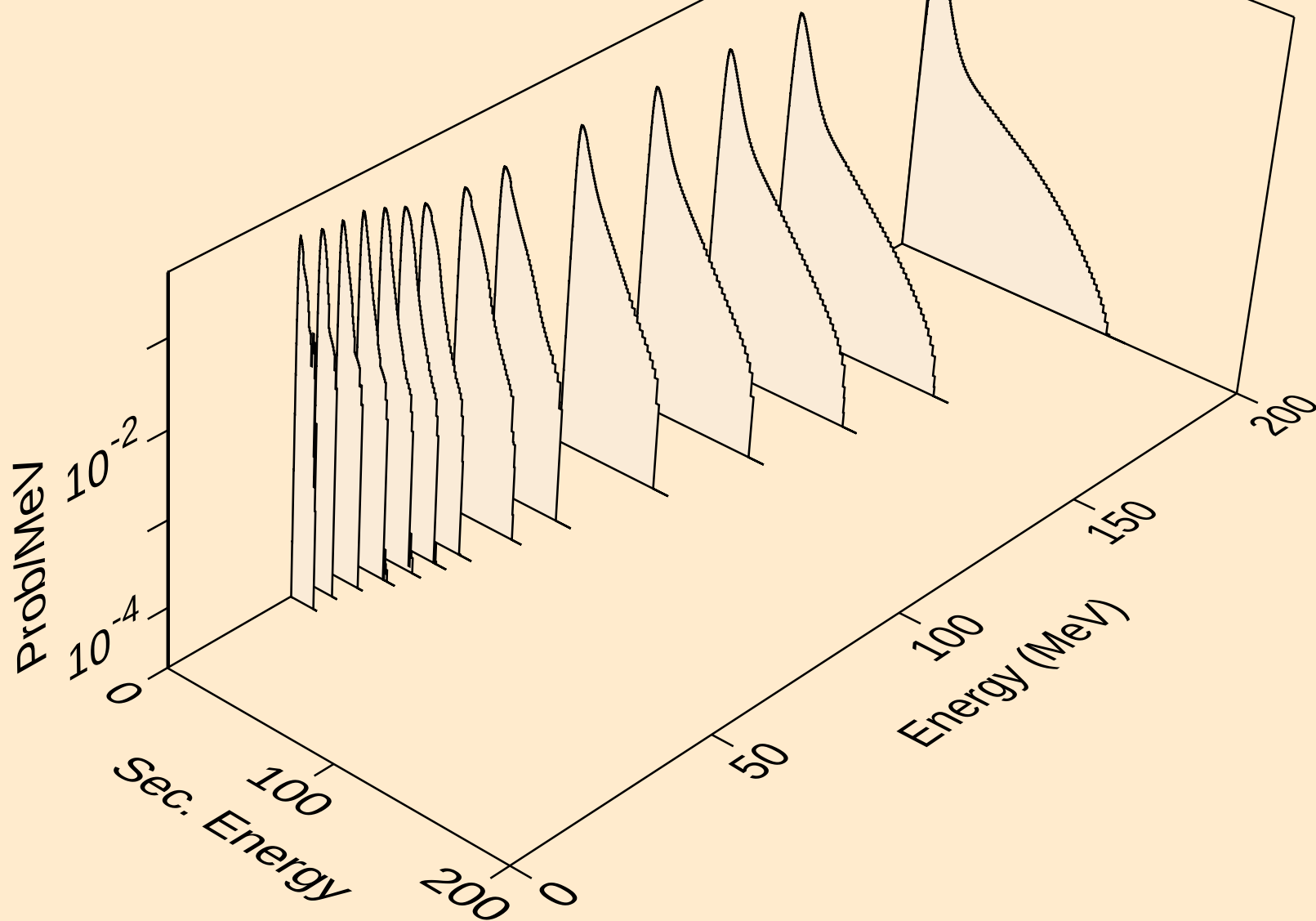
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protons from (a,pd)



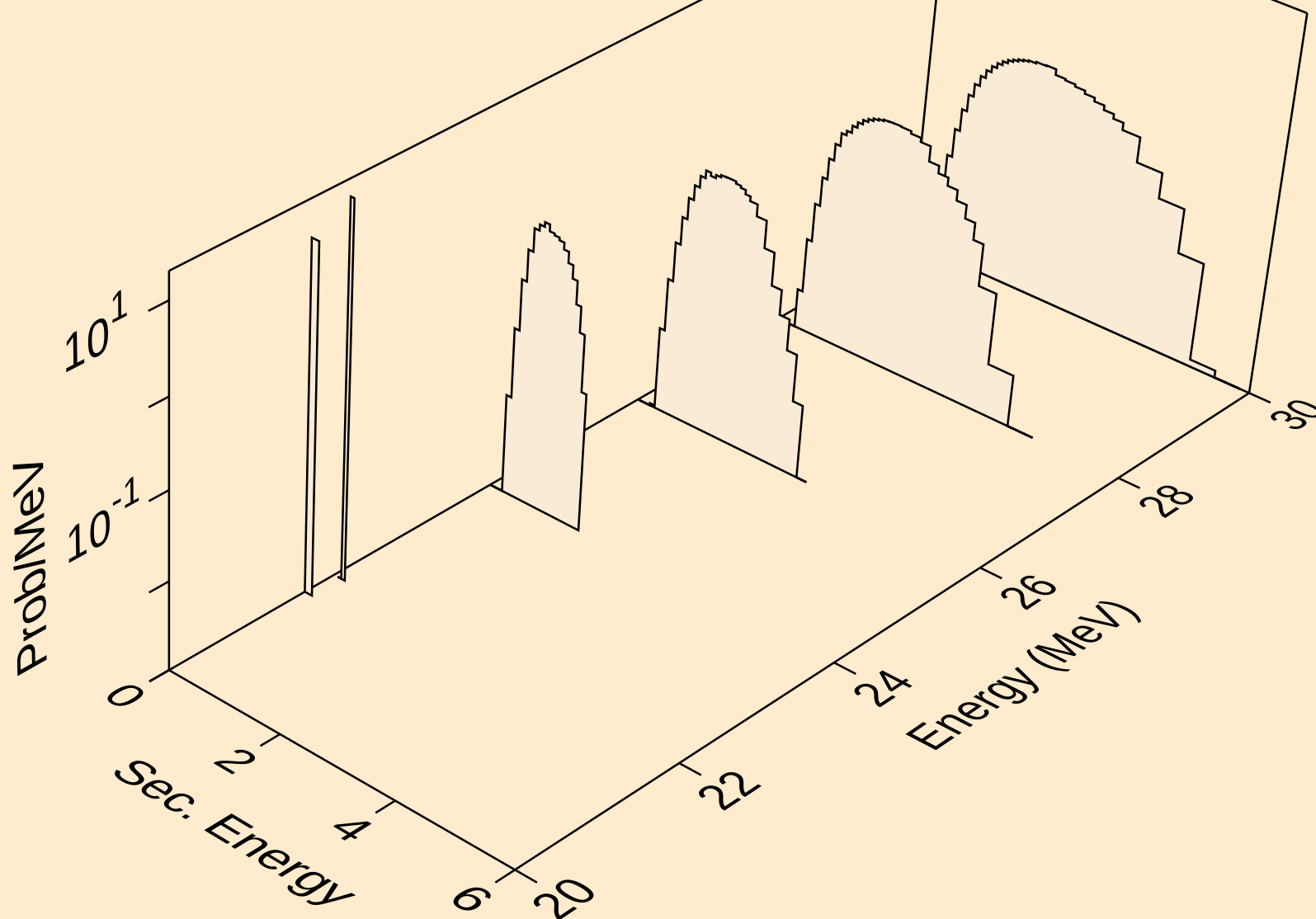
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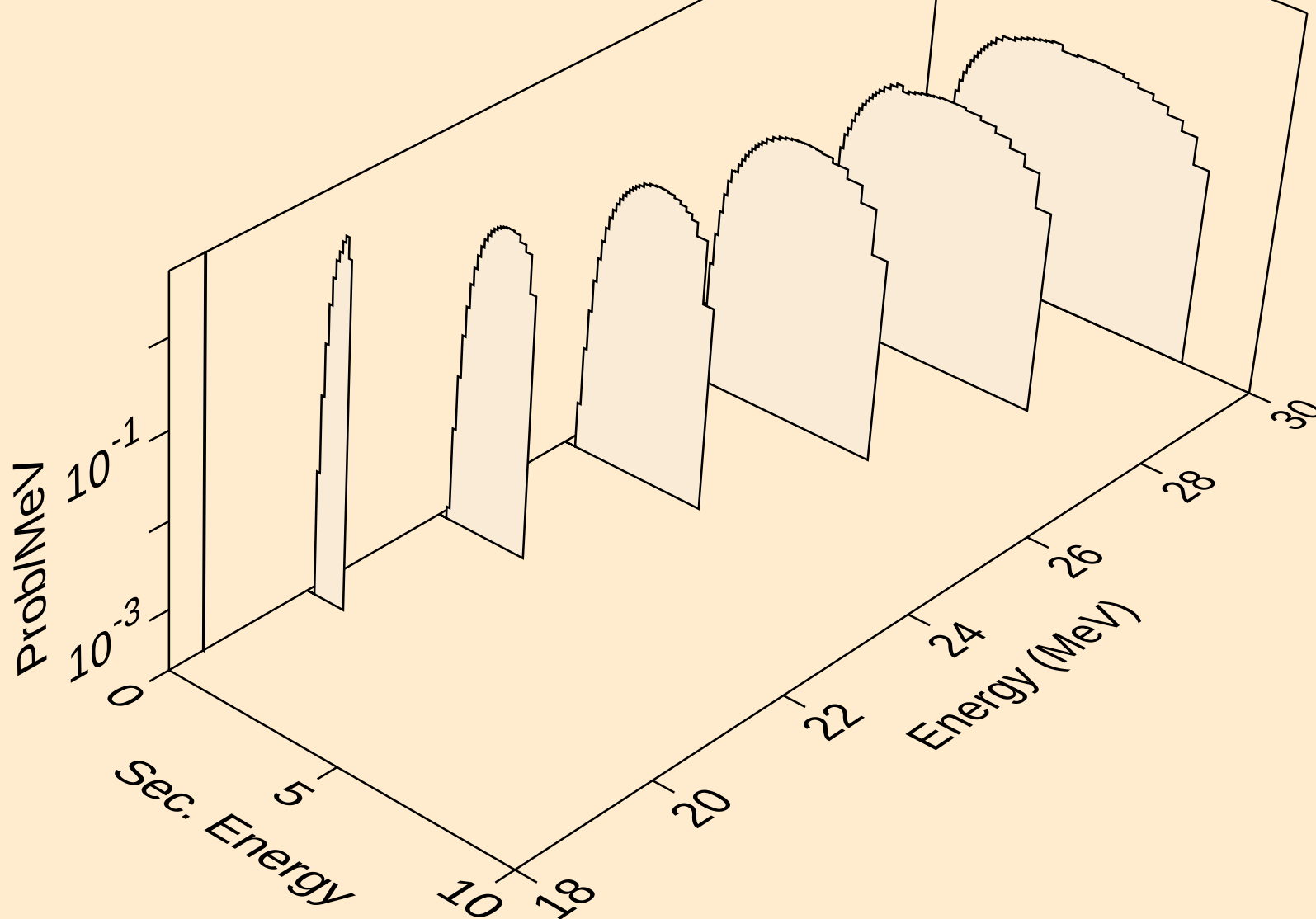
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deuterons from (a,x)



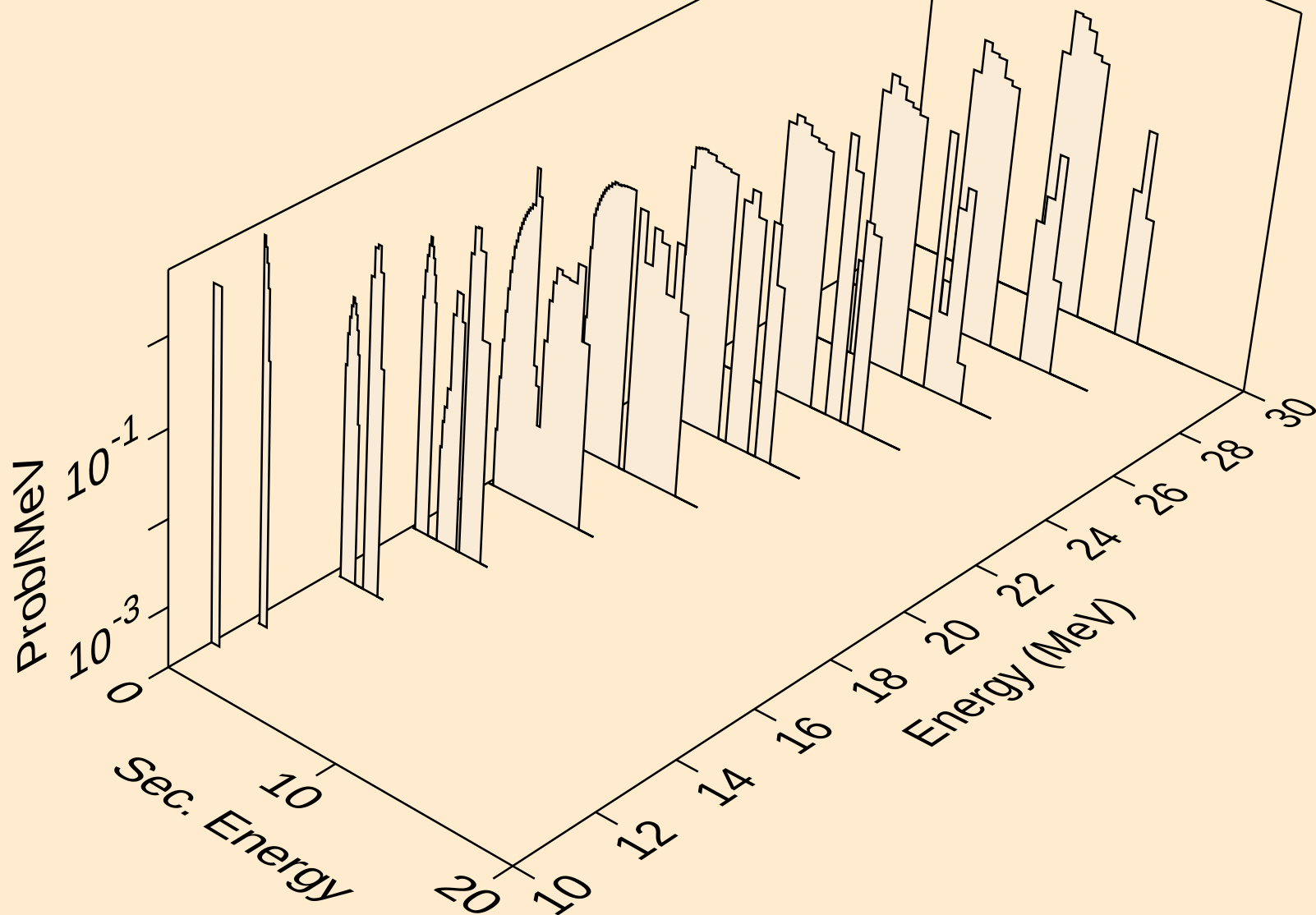
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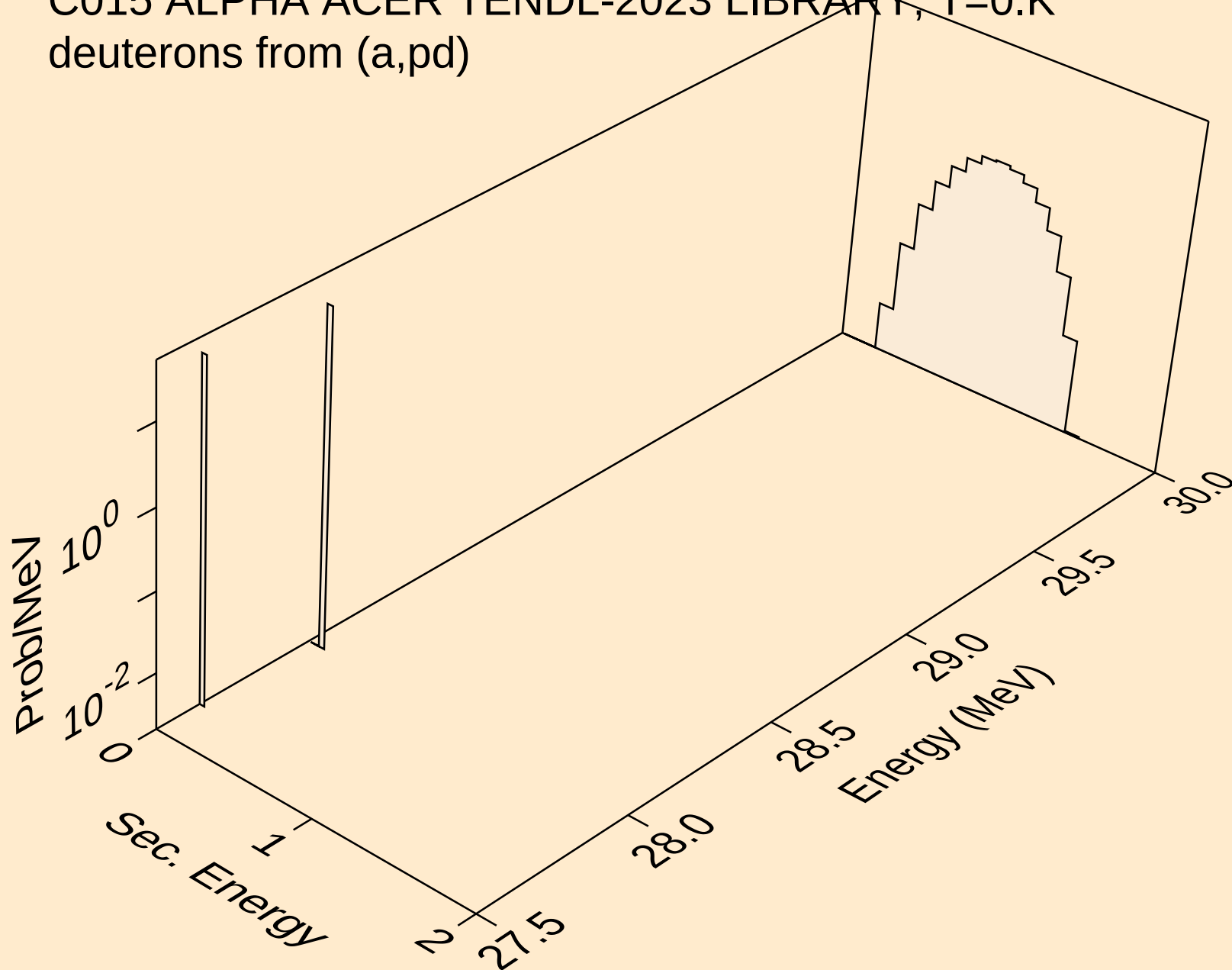
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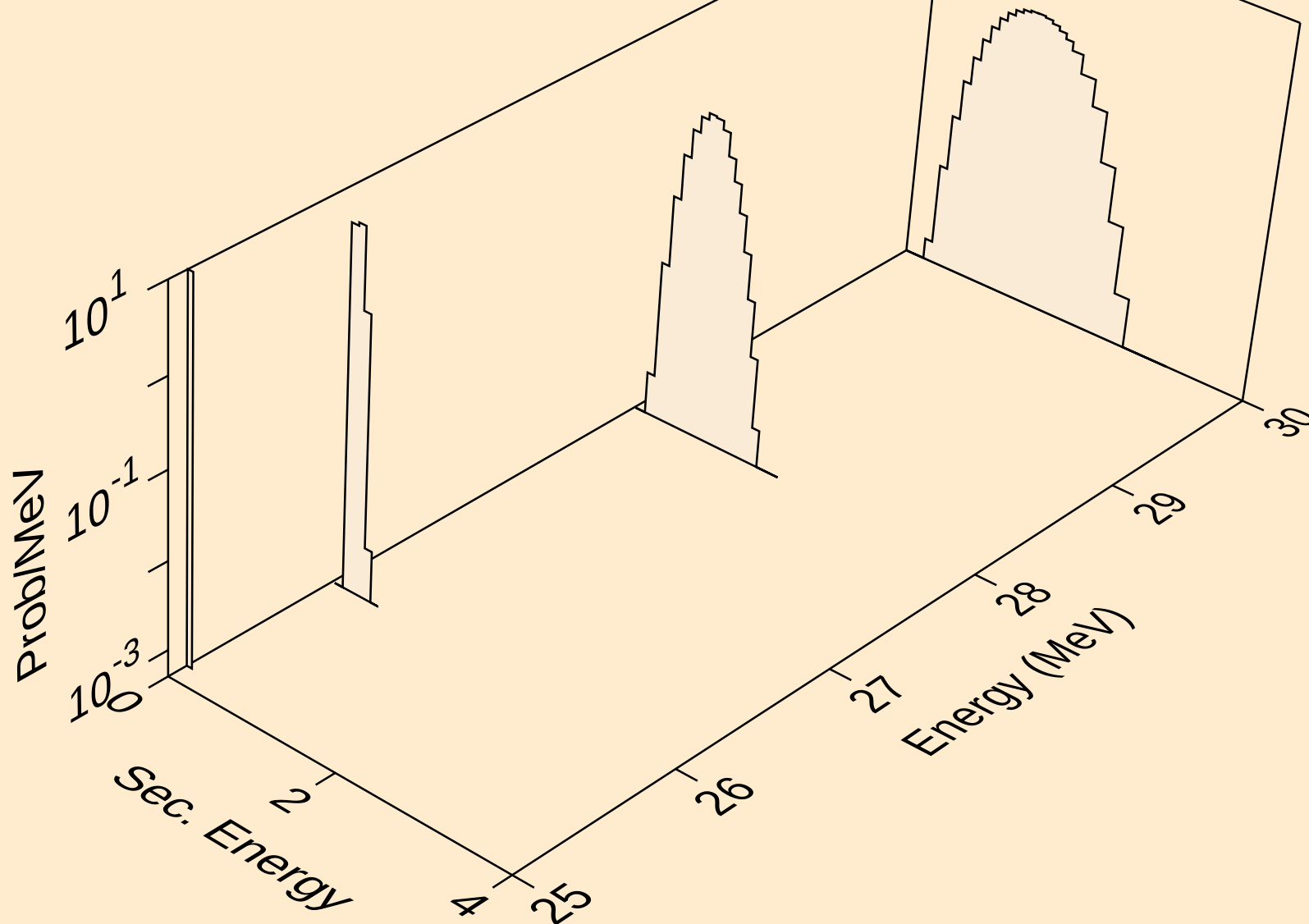
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deuterons from (a,d)



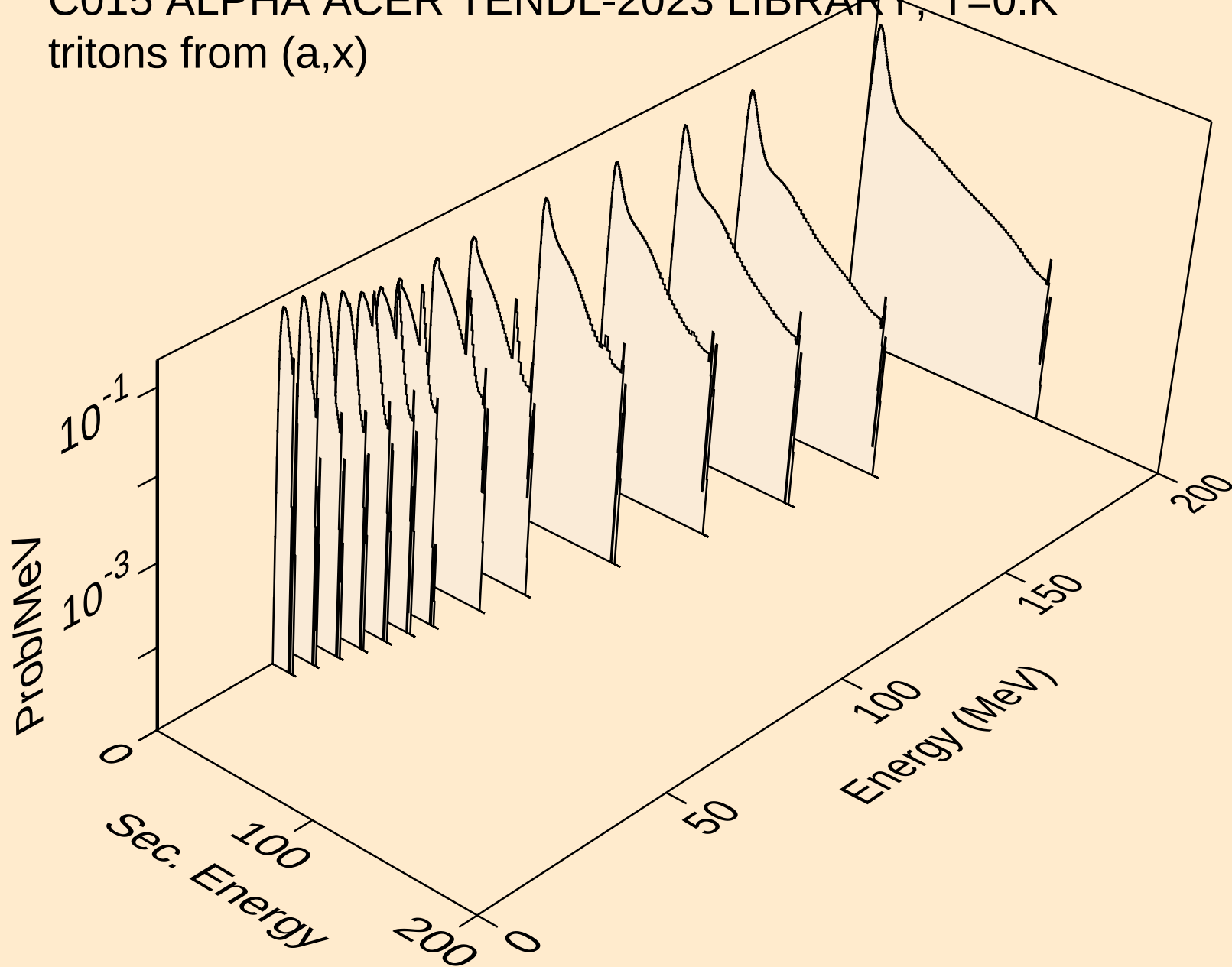
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deuterons from (a,pd)



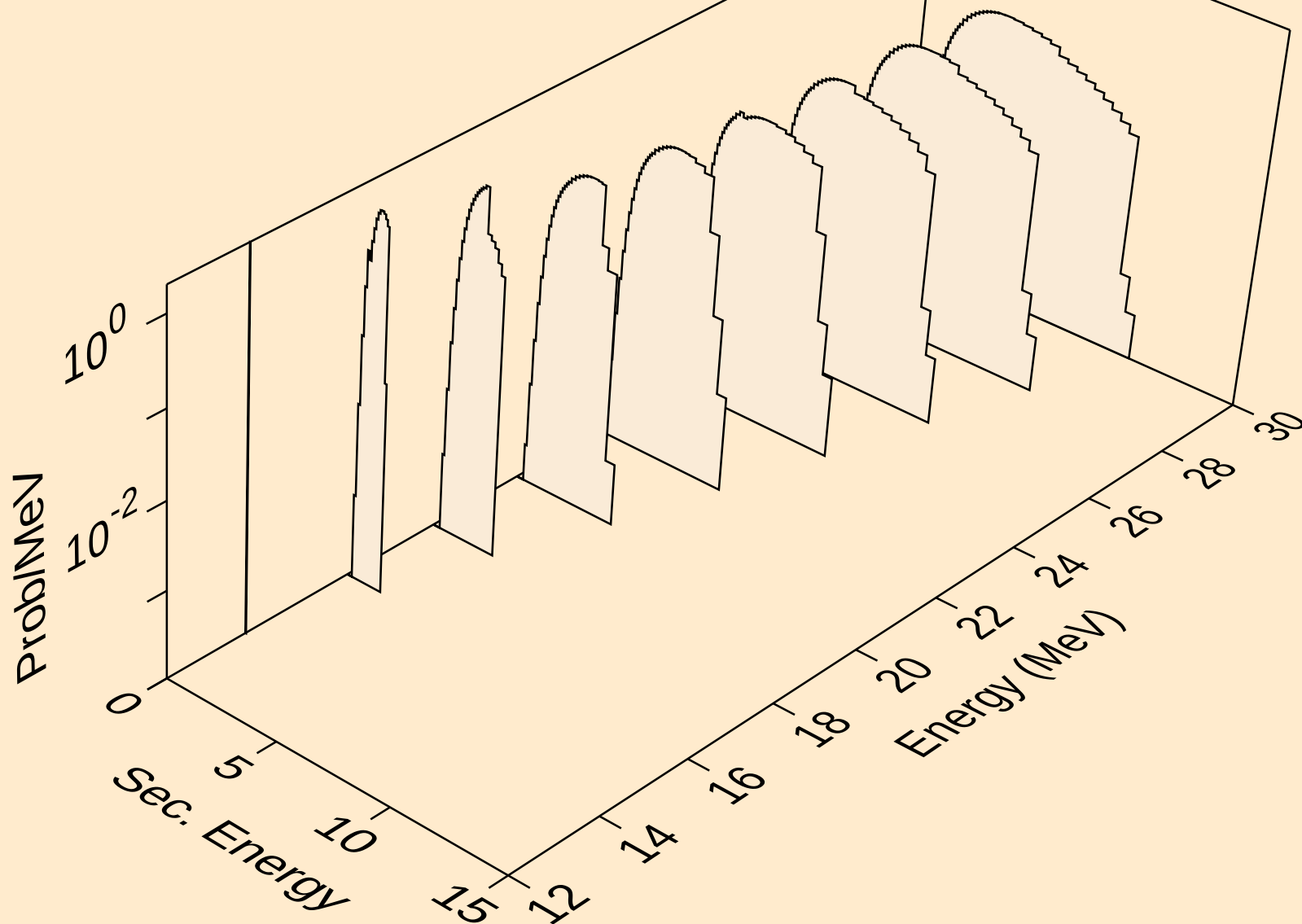
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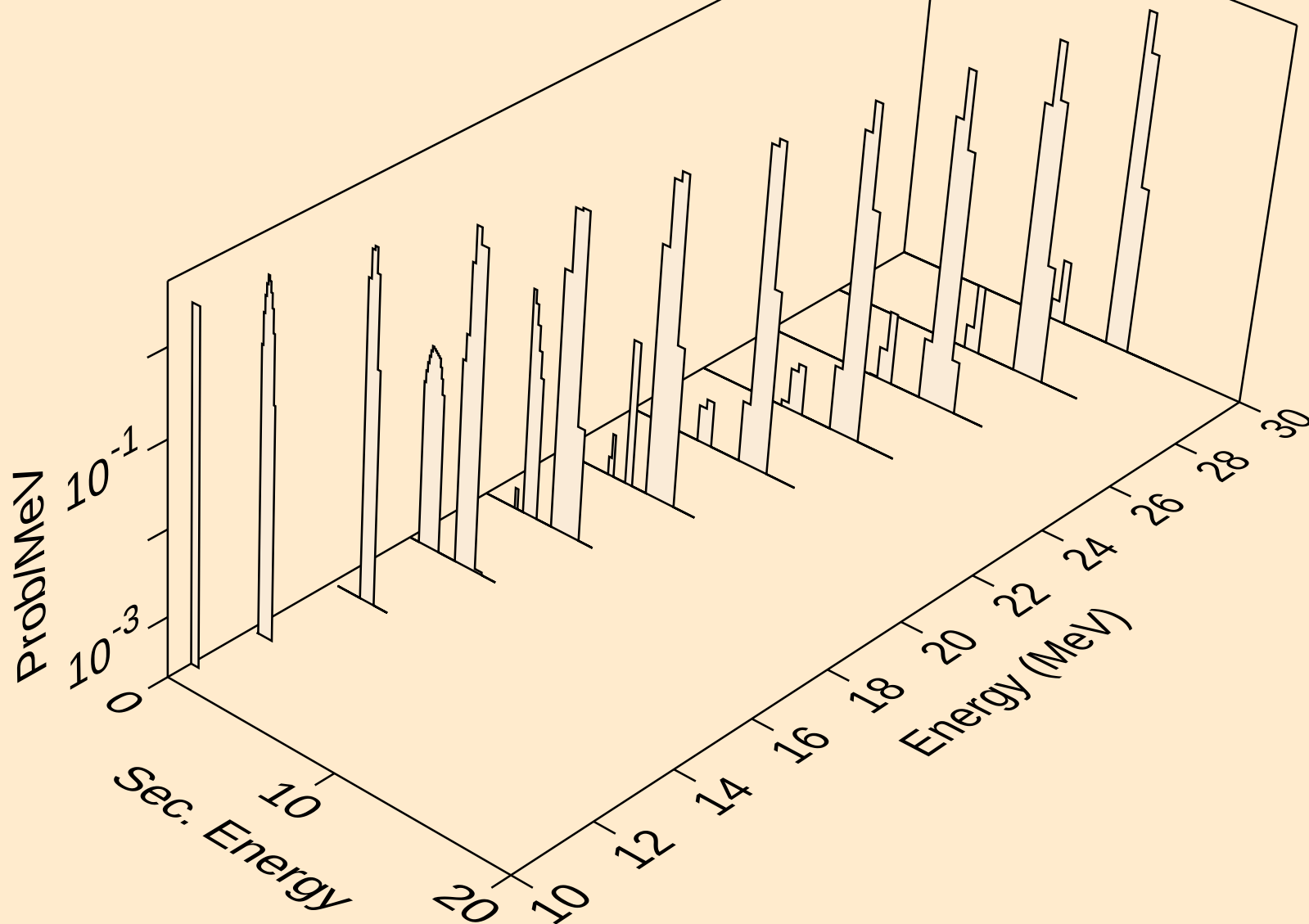
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tritons from (a,x)



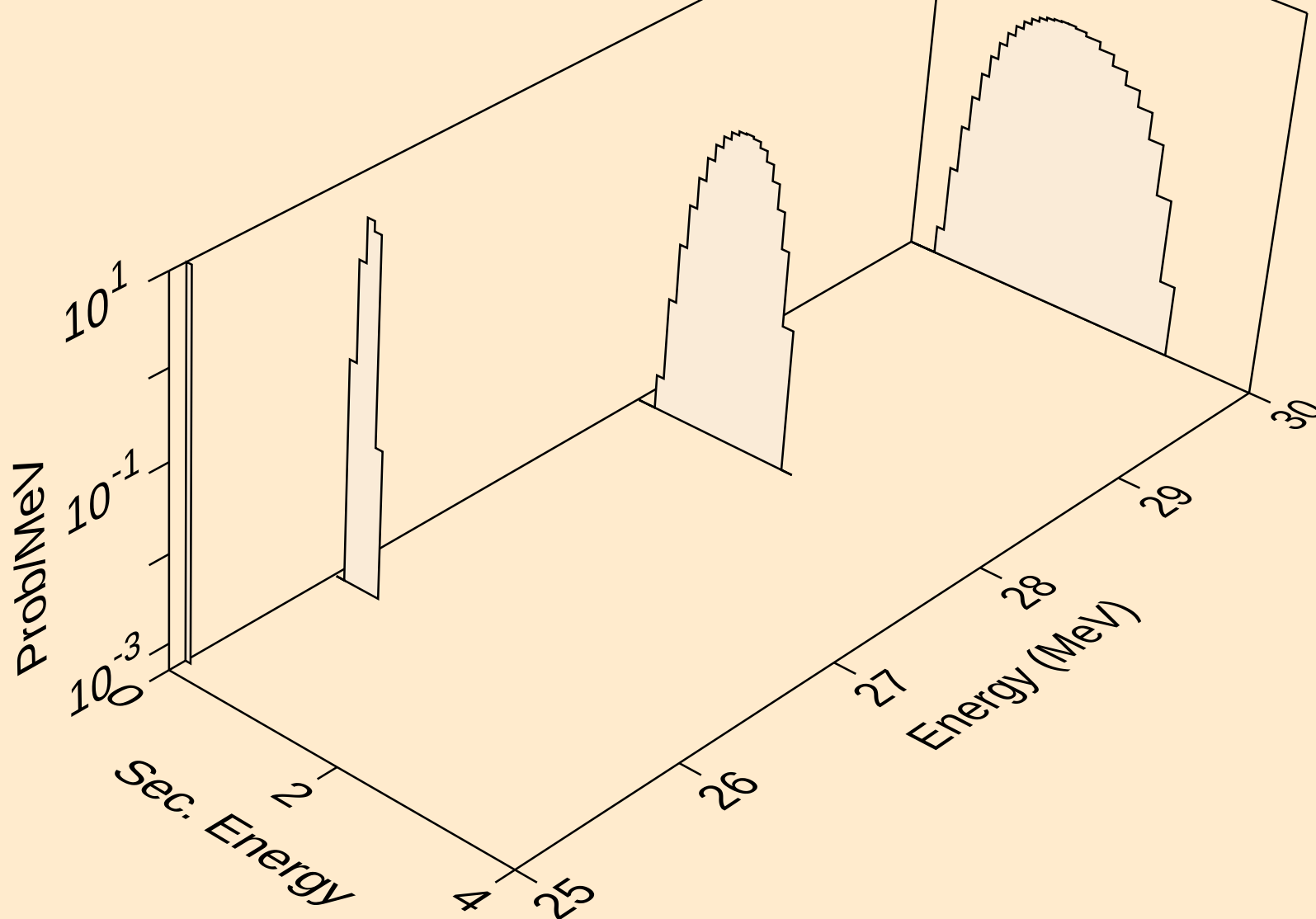
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tritons from (a,n*)t



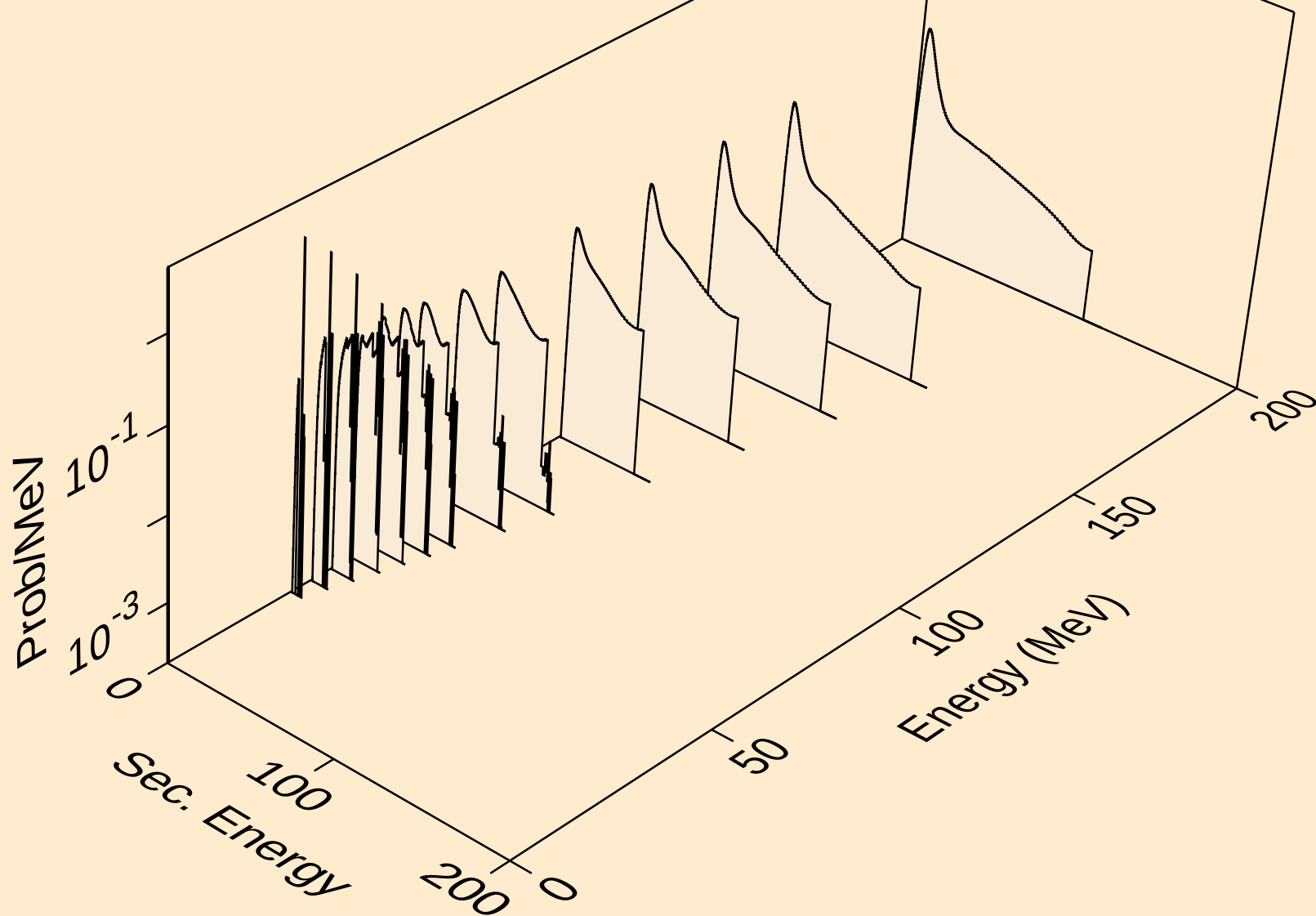
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tritons from (a,t)



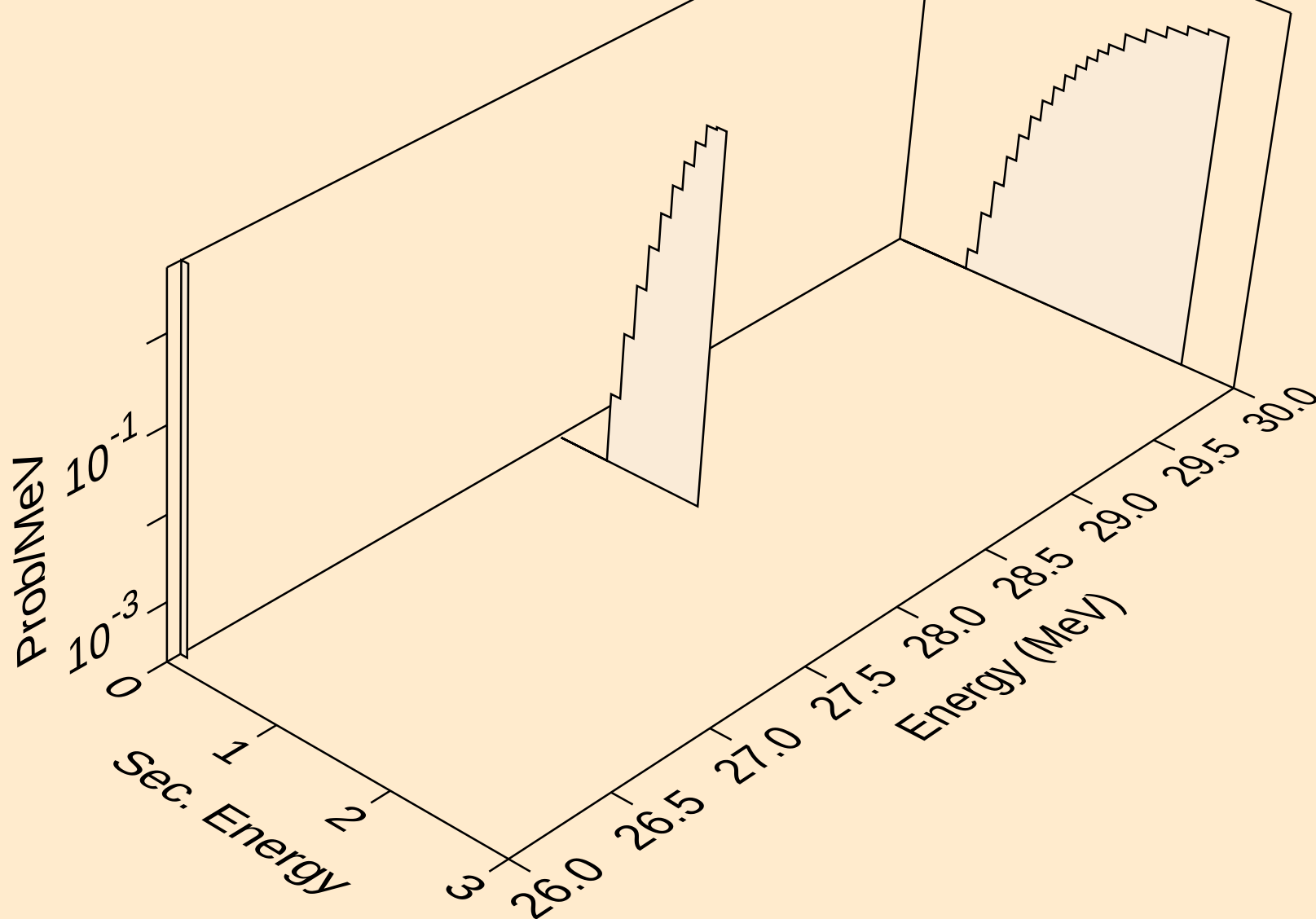
C015 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
tritons from (a,pt)



C015 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
he3s from (a,x)



C015 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
he3s from (a,n*)he3



C015 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
he3s from (a,he3)

