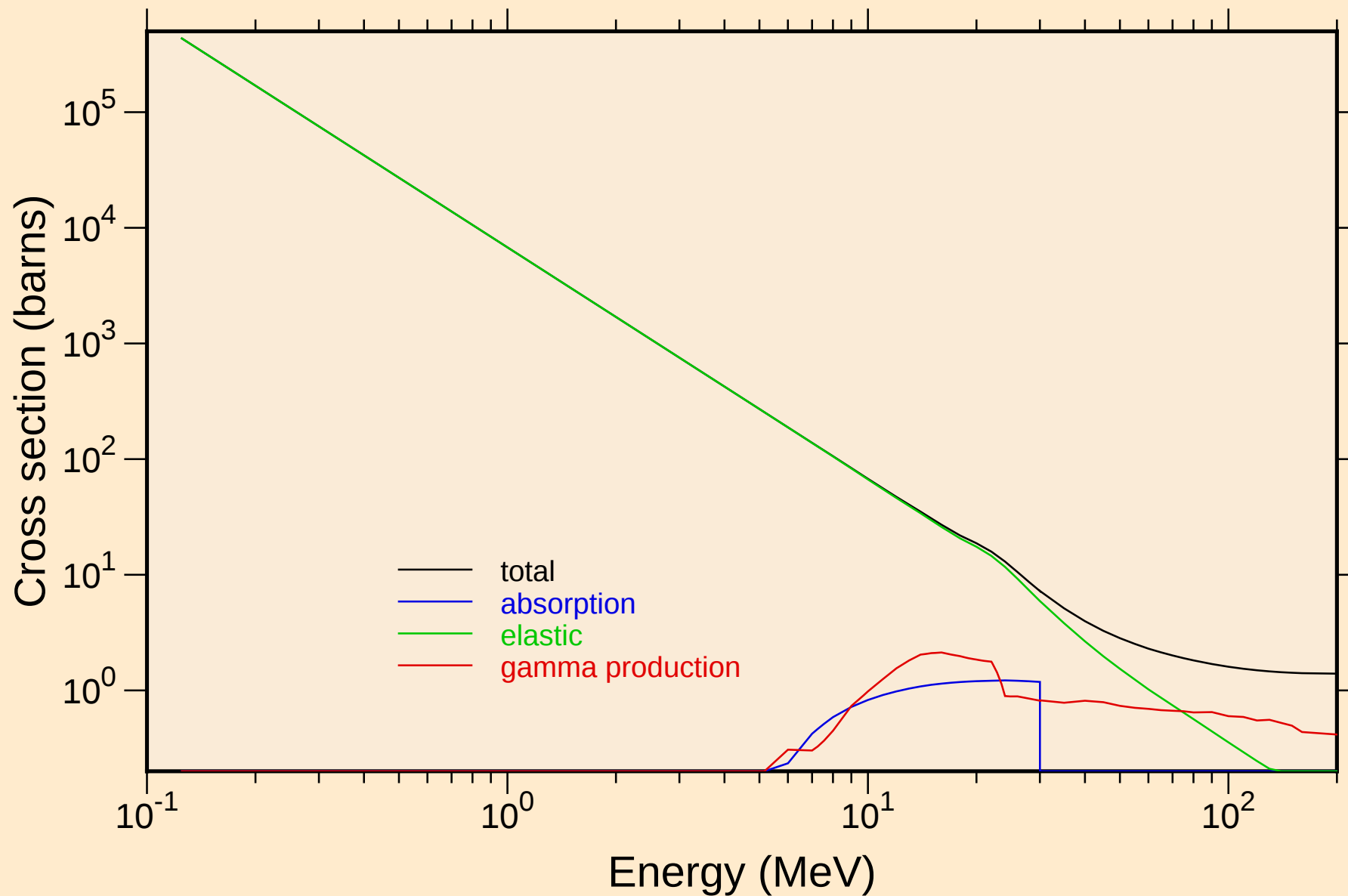


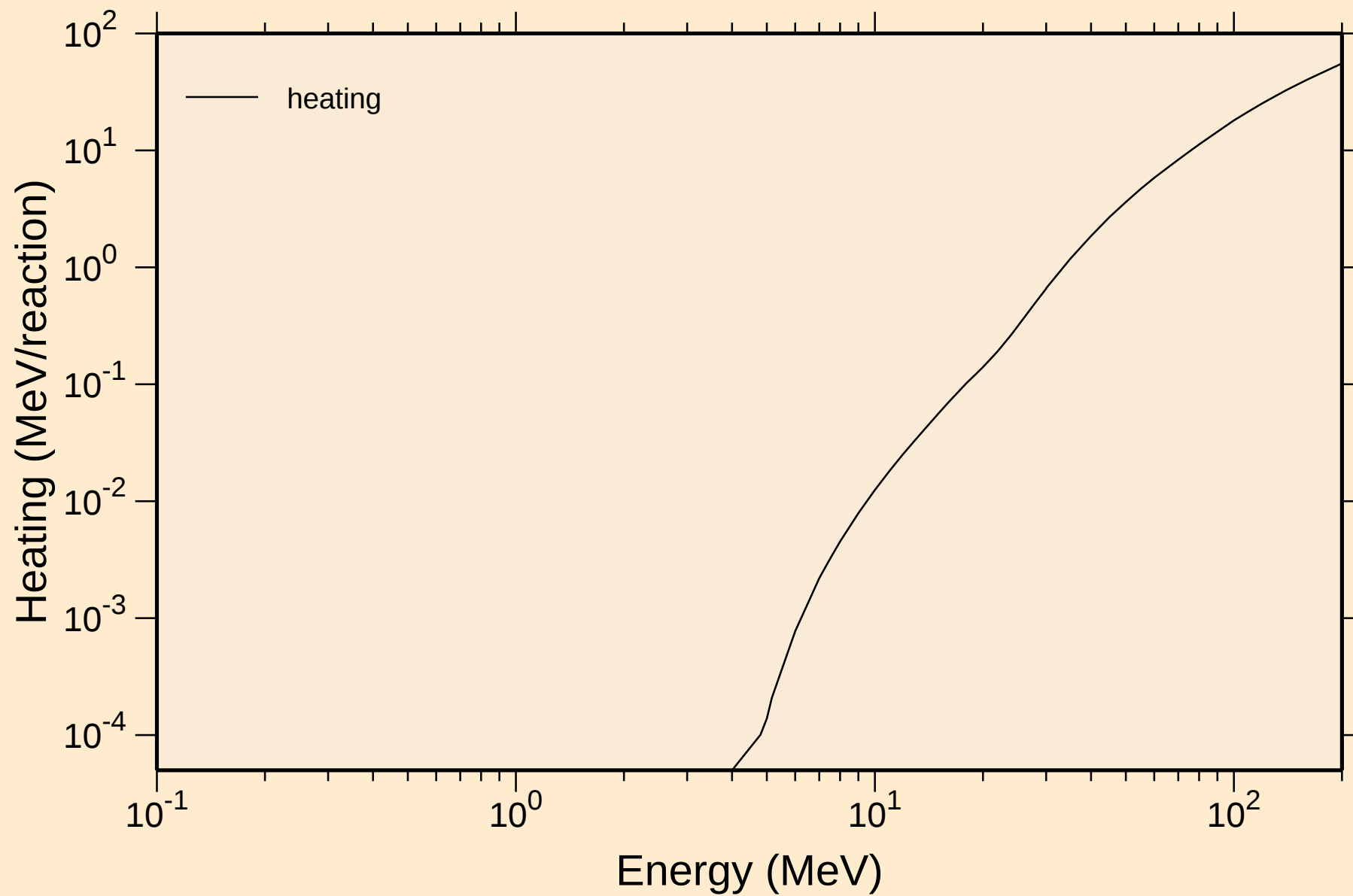
P037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Principal cross sections



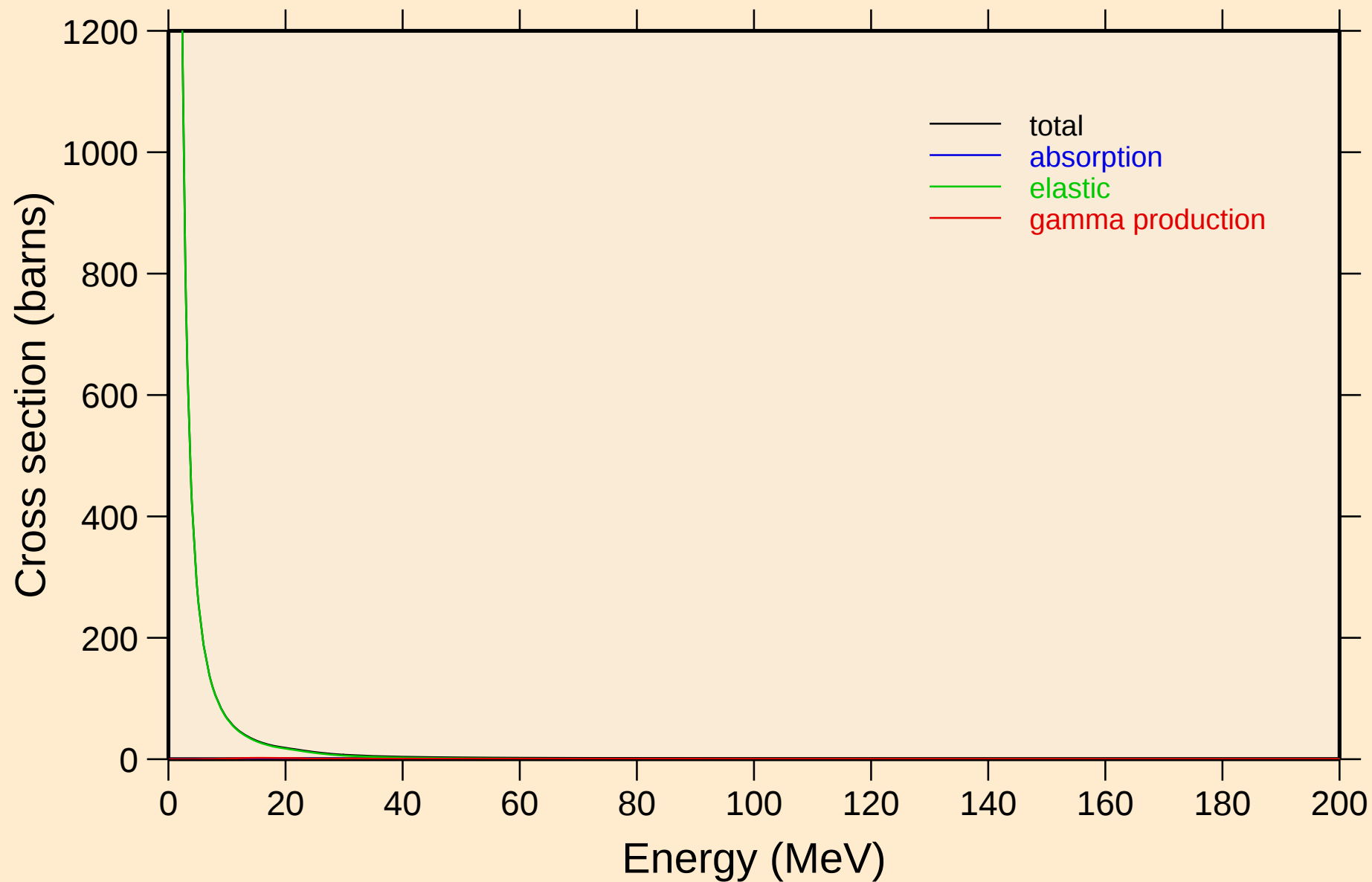
P037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Heating



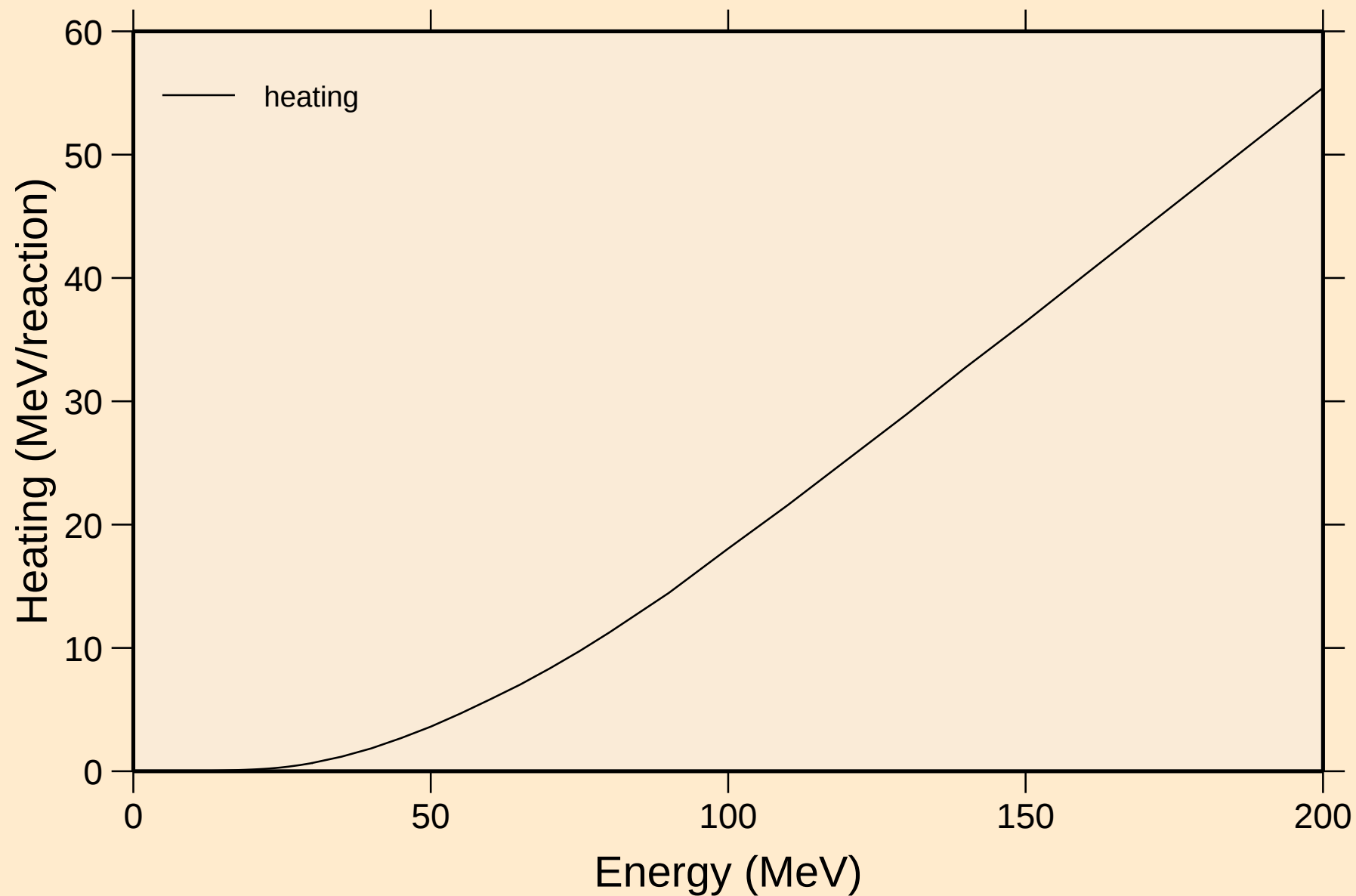
P037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Principal cross sections



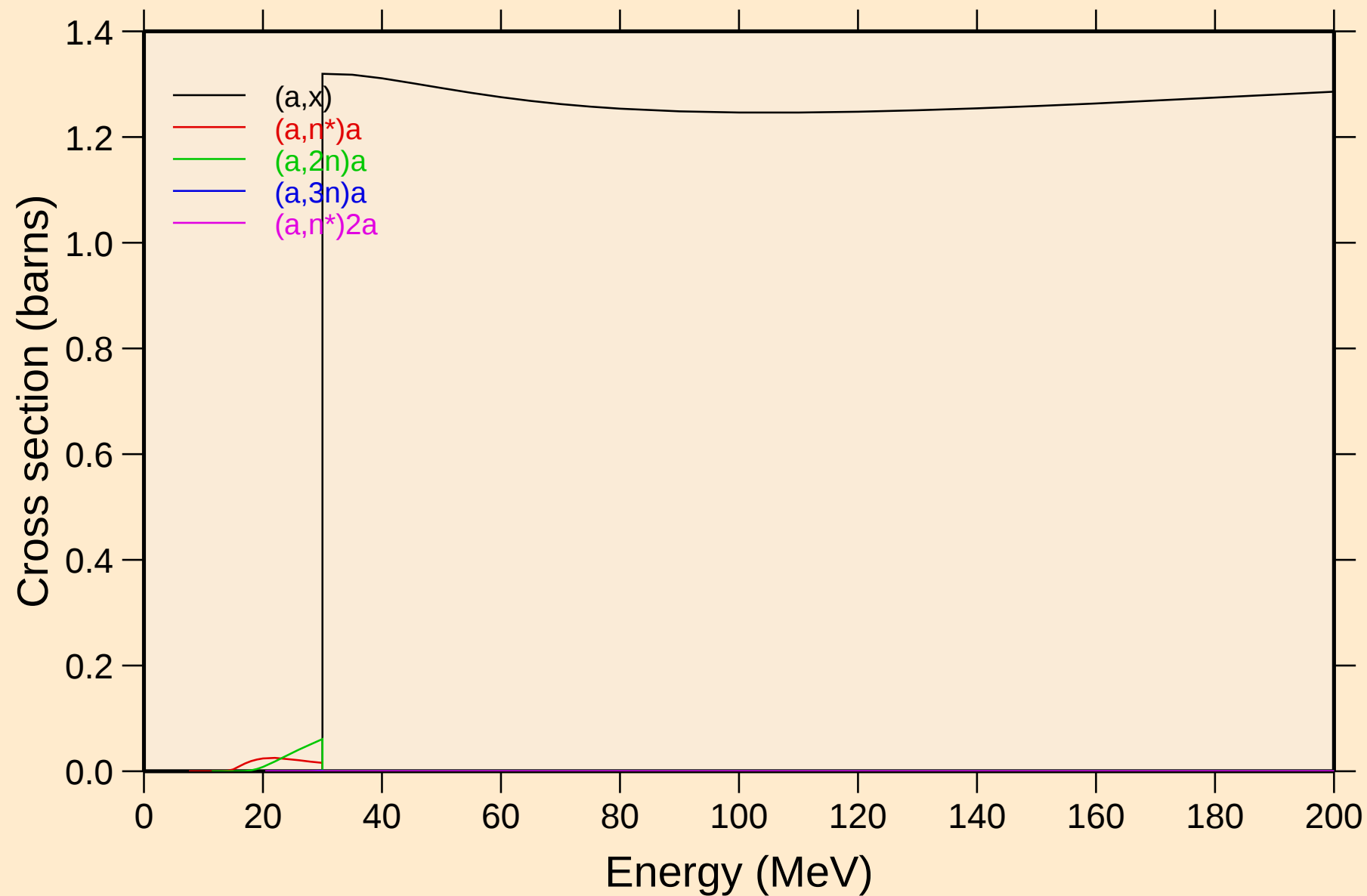
P037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Heating



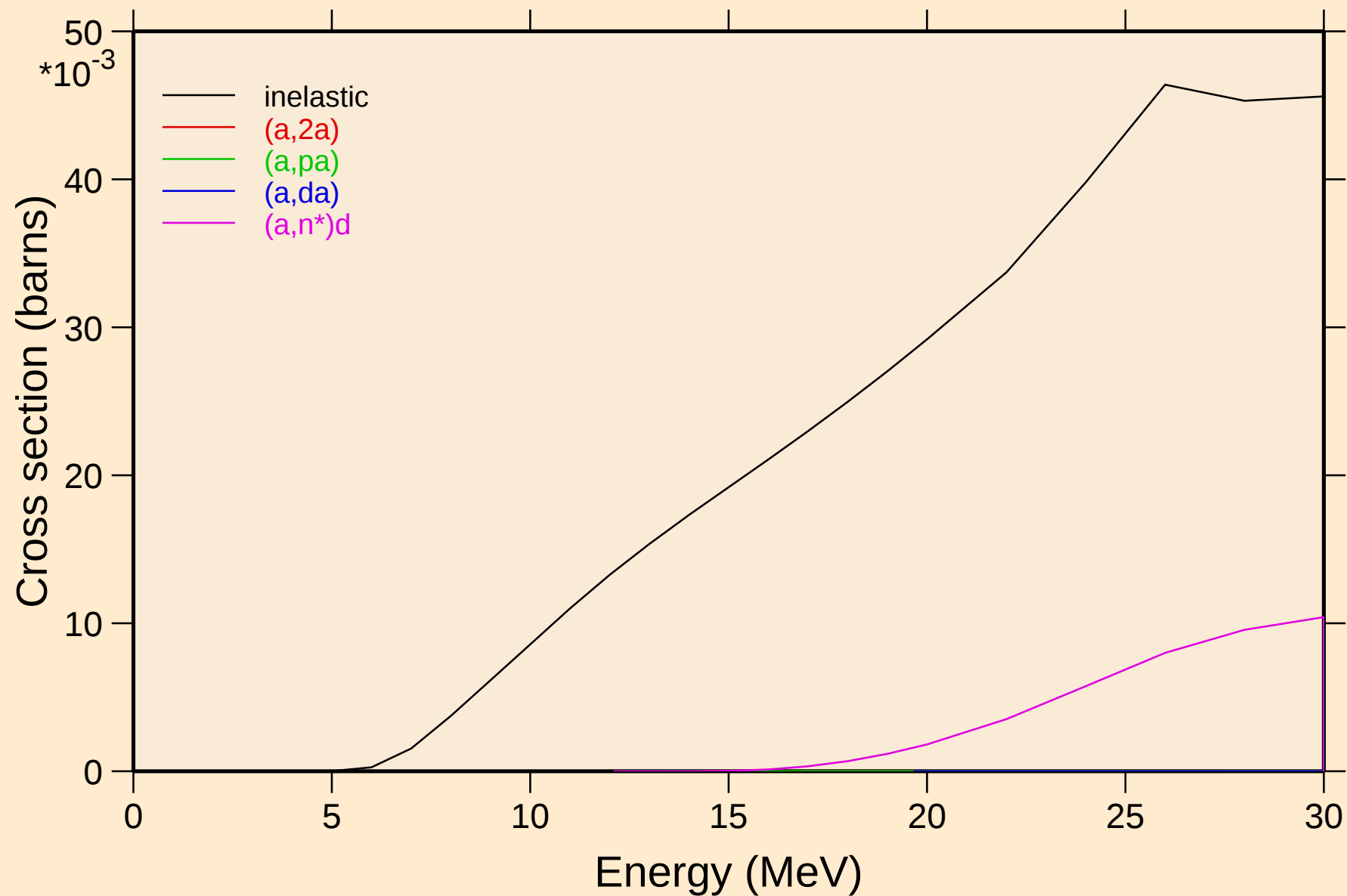
P037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Threshold reactions



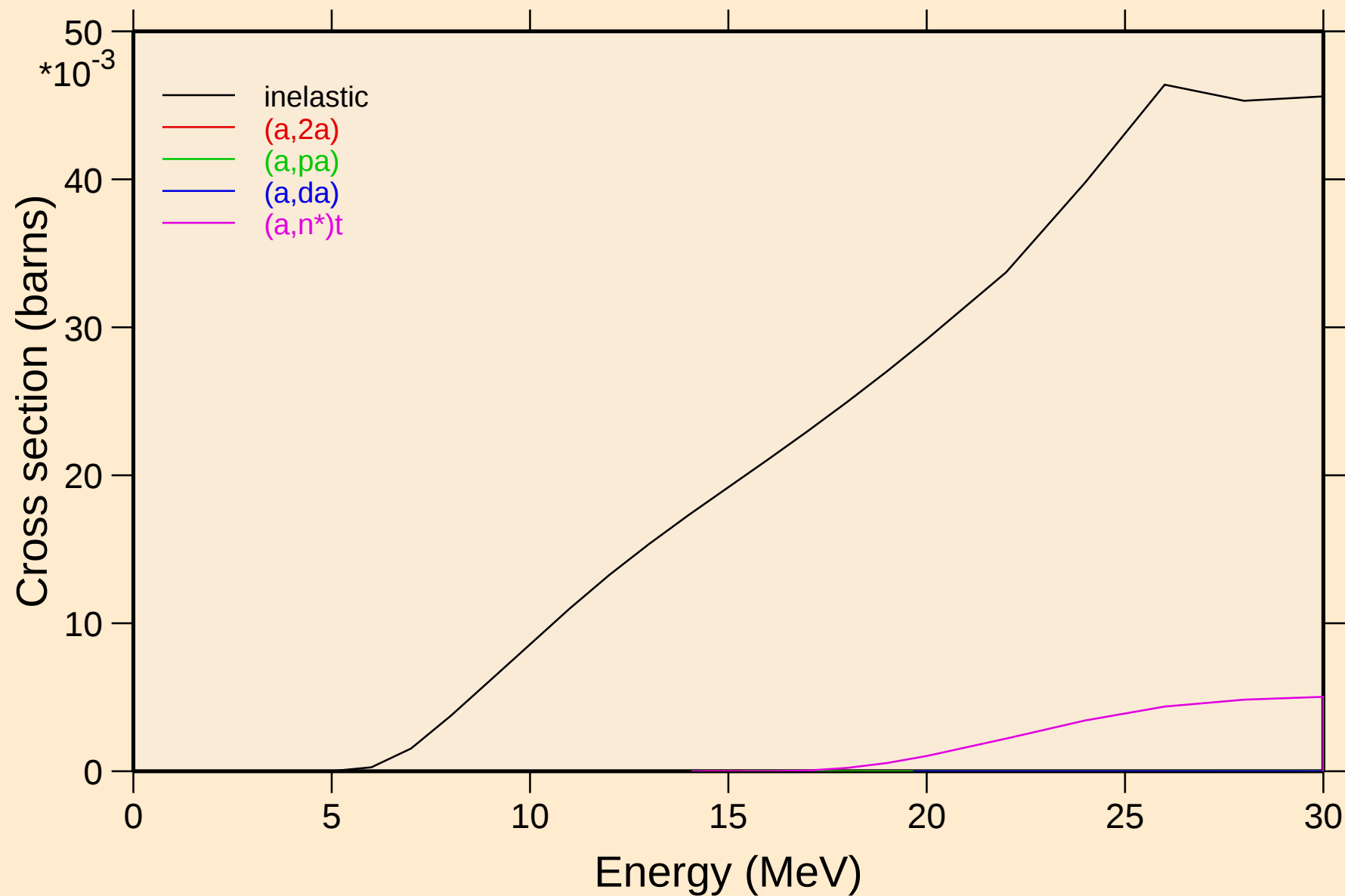
P037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Threshold reactions



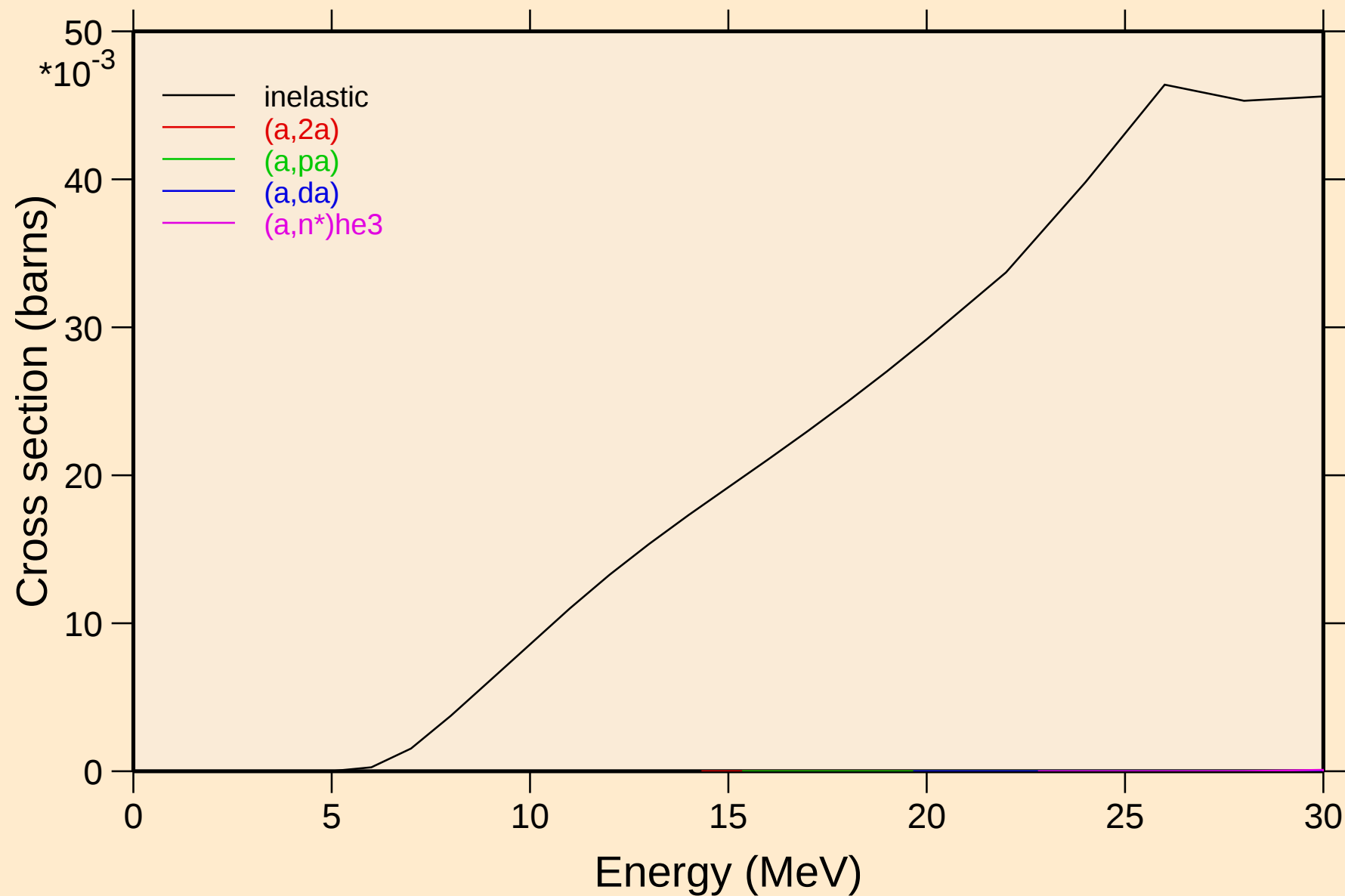
P037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Threshold reactions



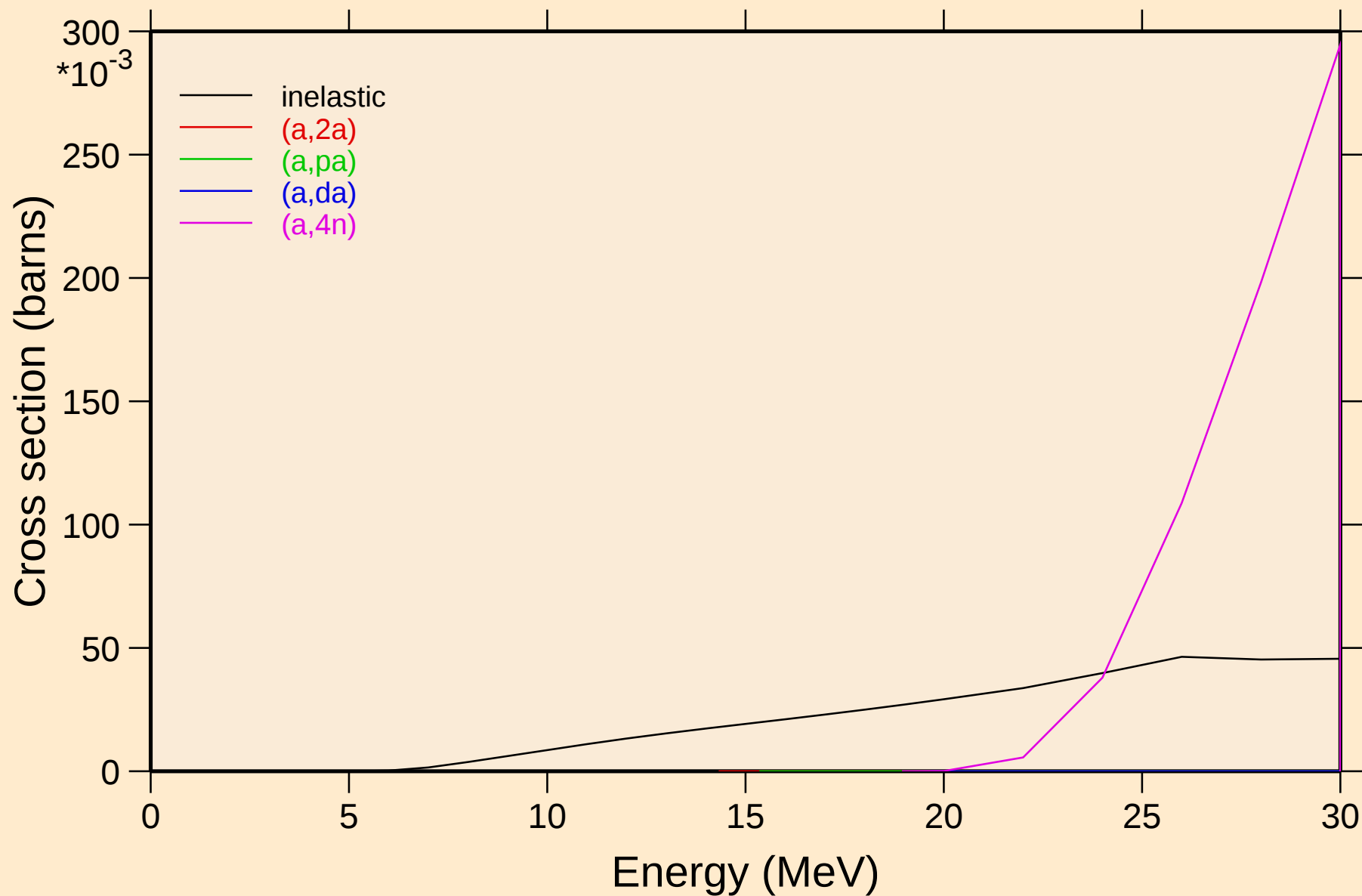
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Threshold reactions



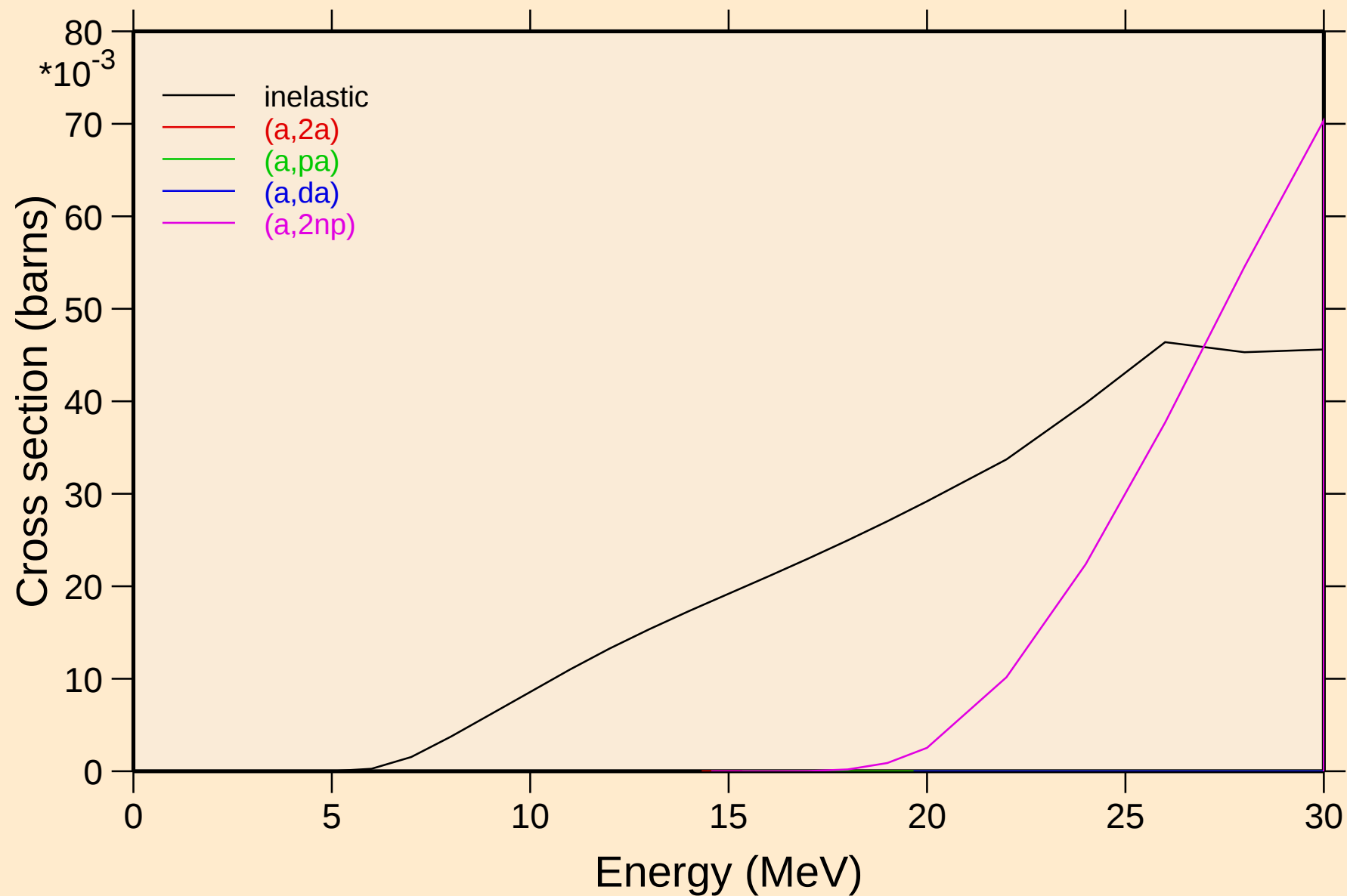
P037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Threshold reactions



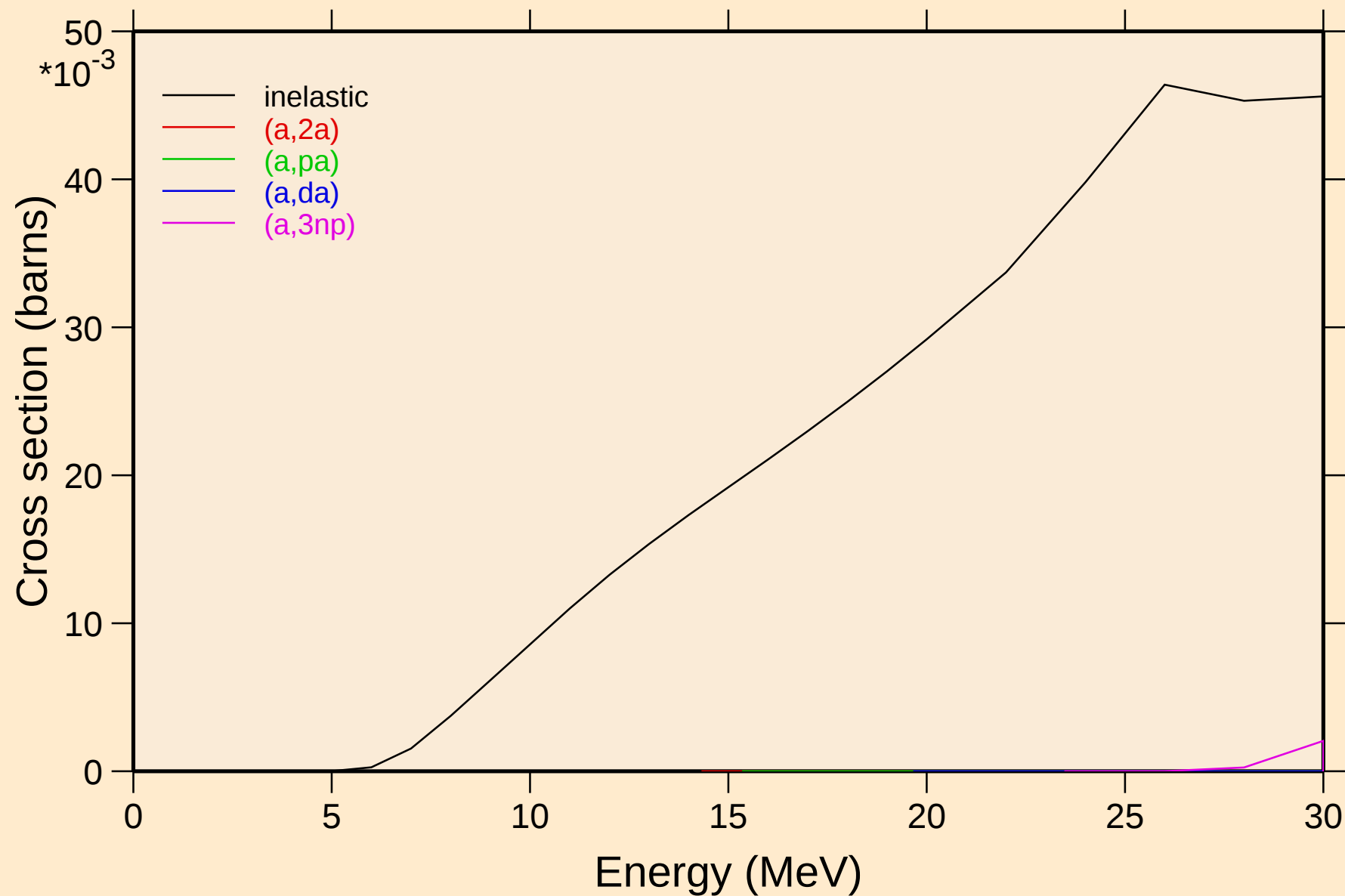
P037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Threshold reactions



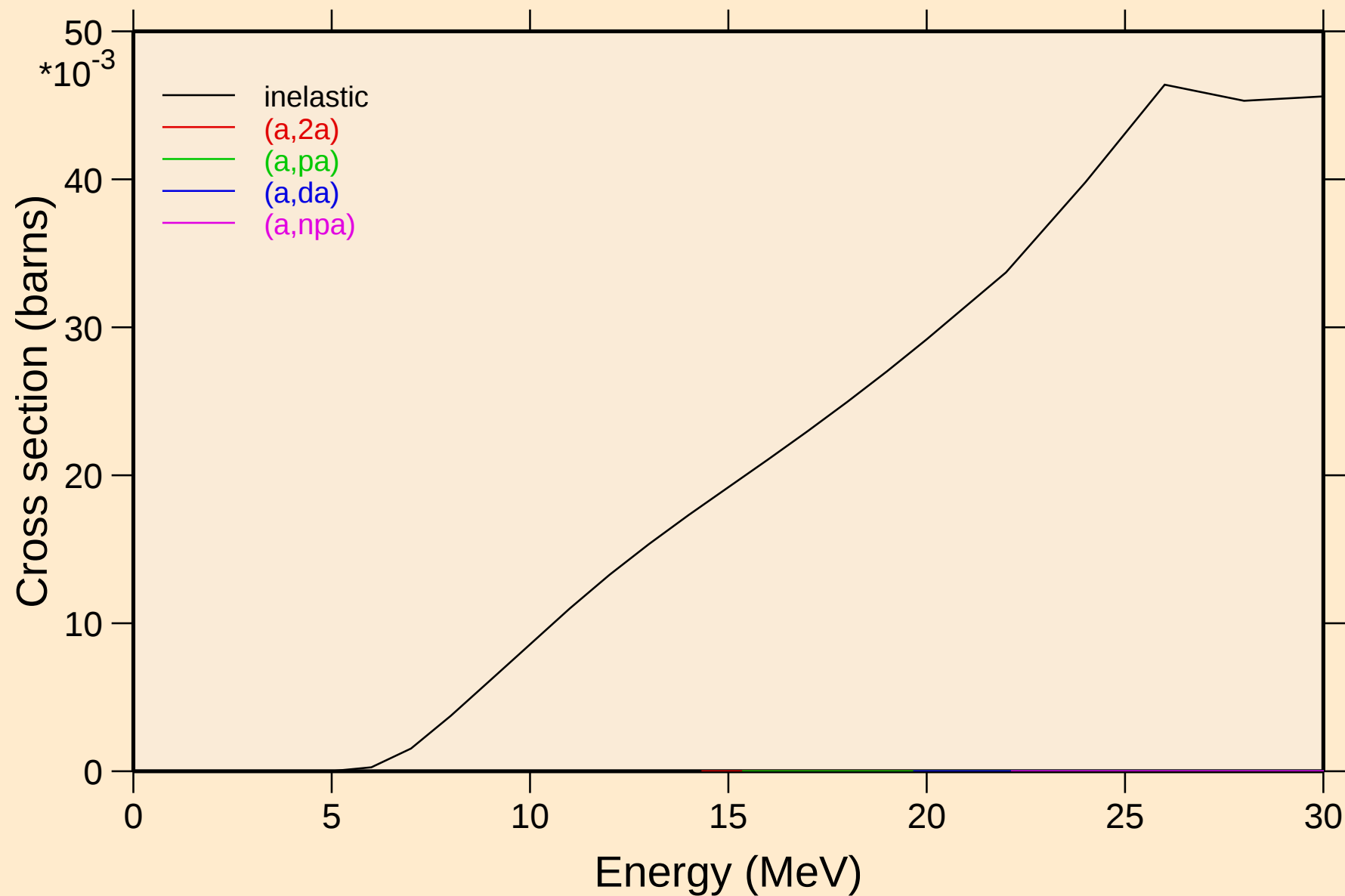
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Threshold reactions



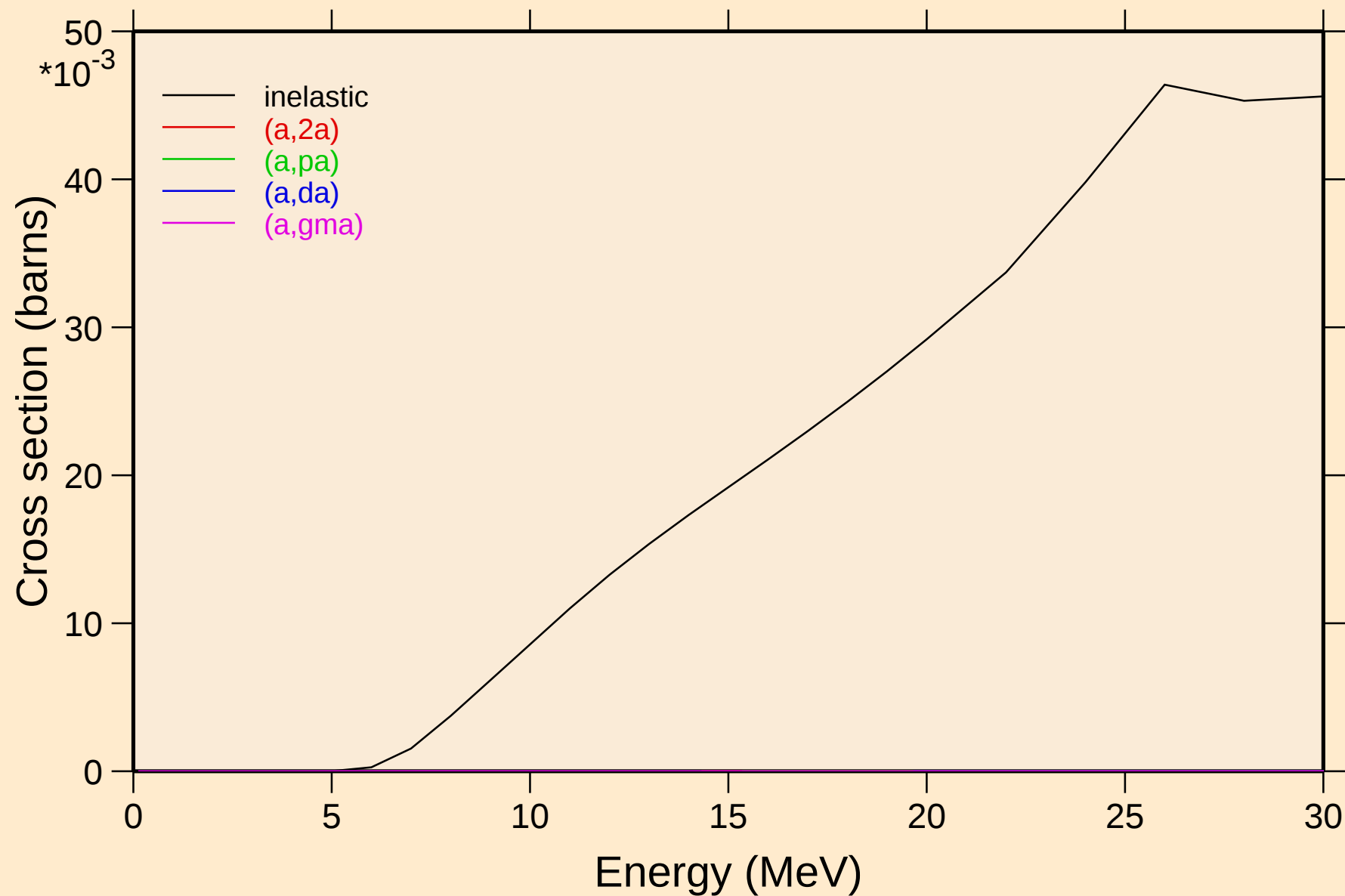
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Threshold reactions



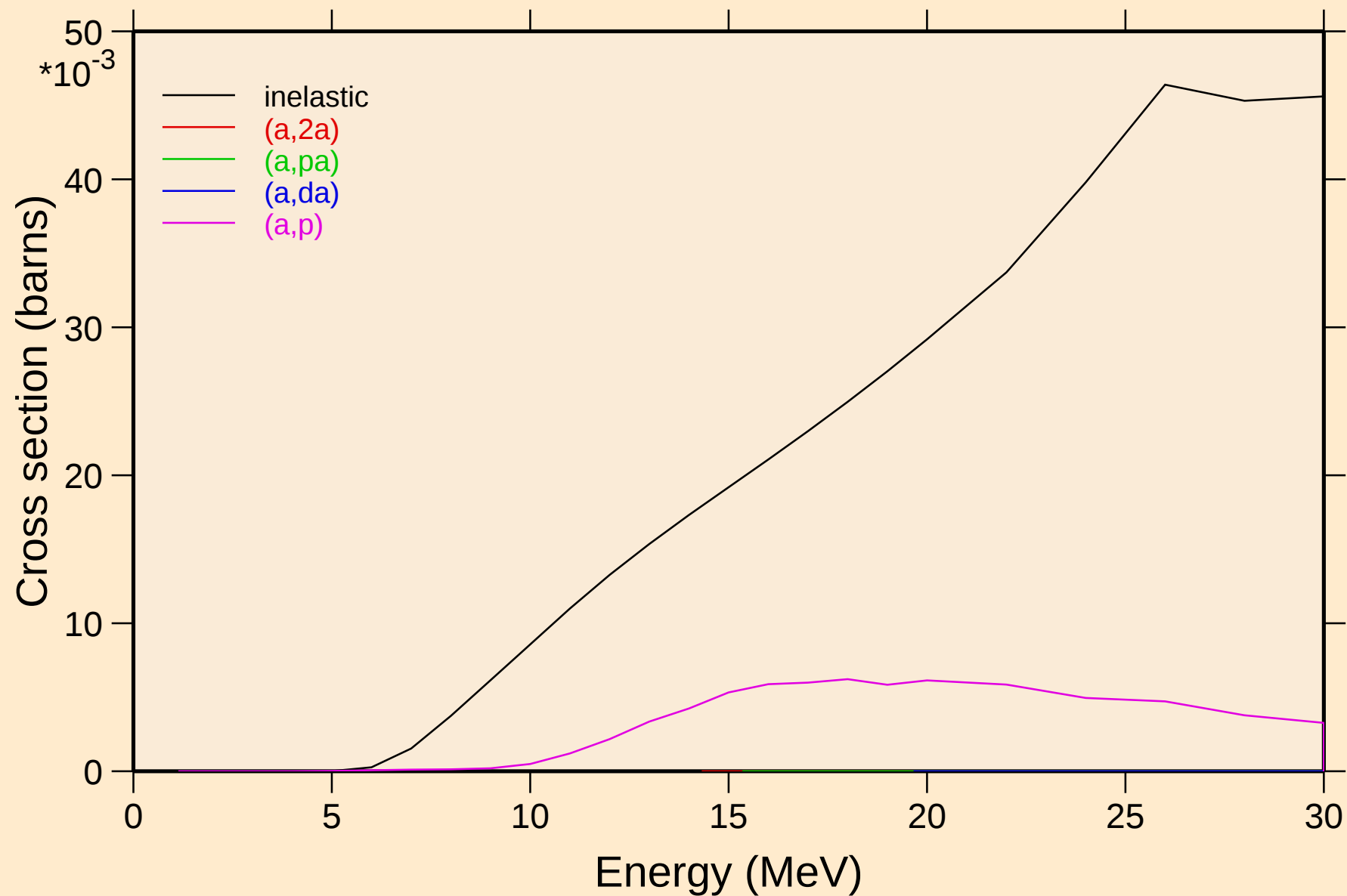
P037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Threshold reactions



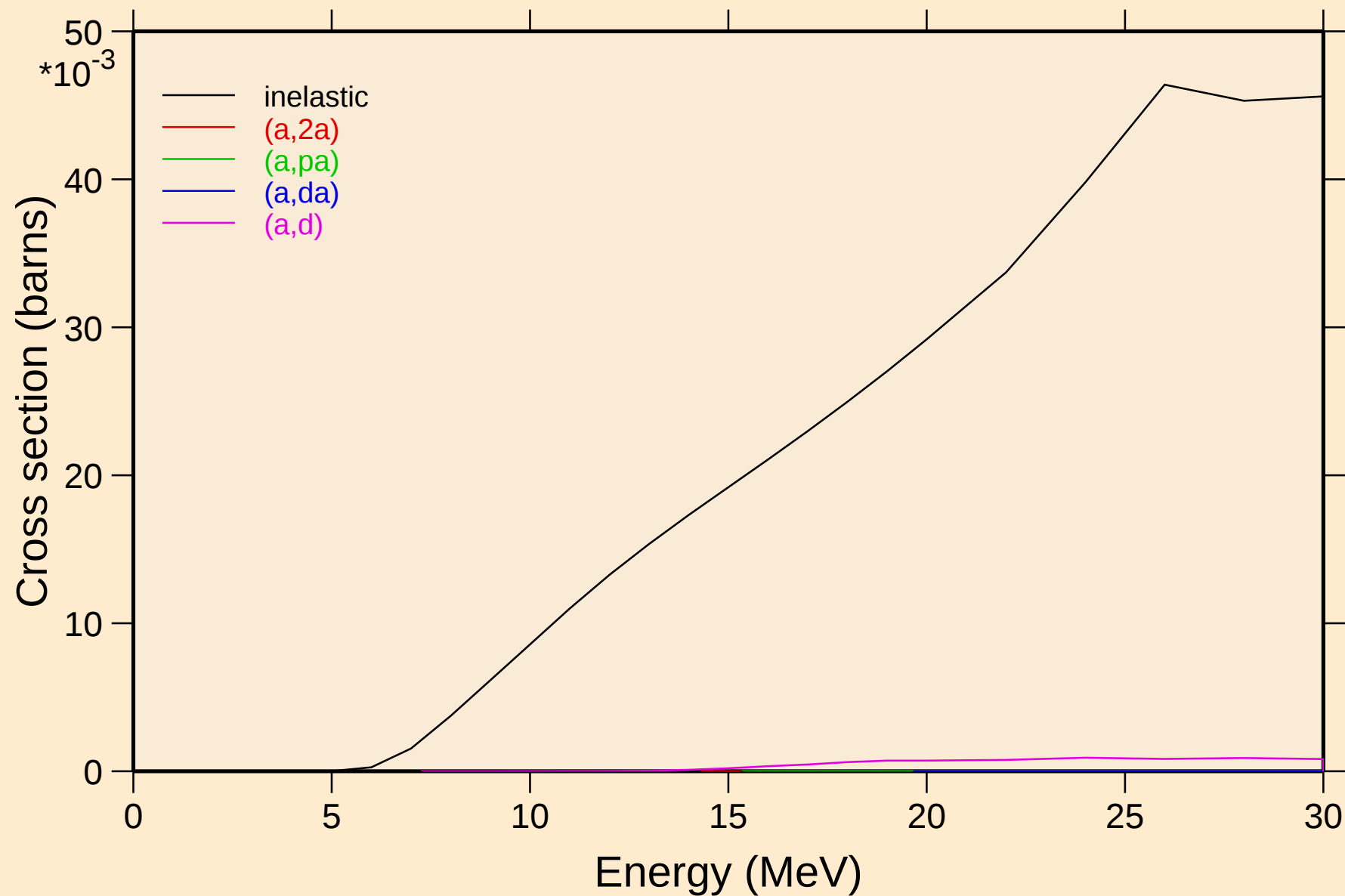
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Threshold reactions



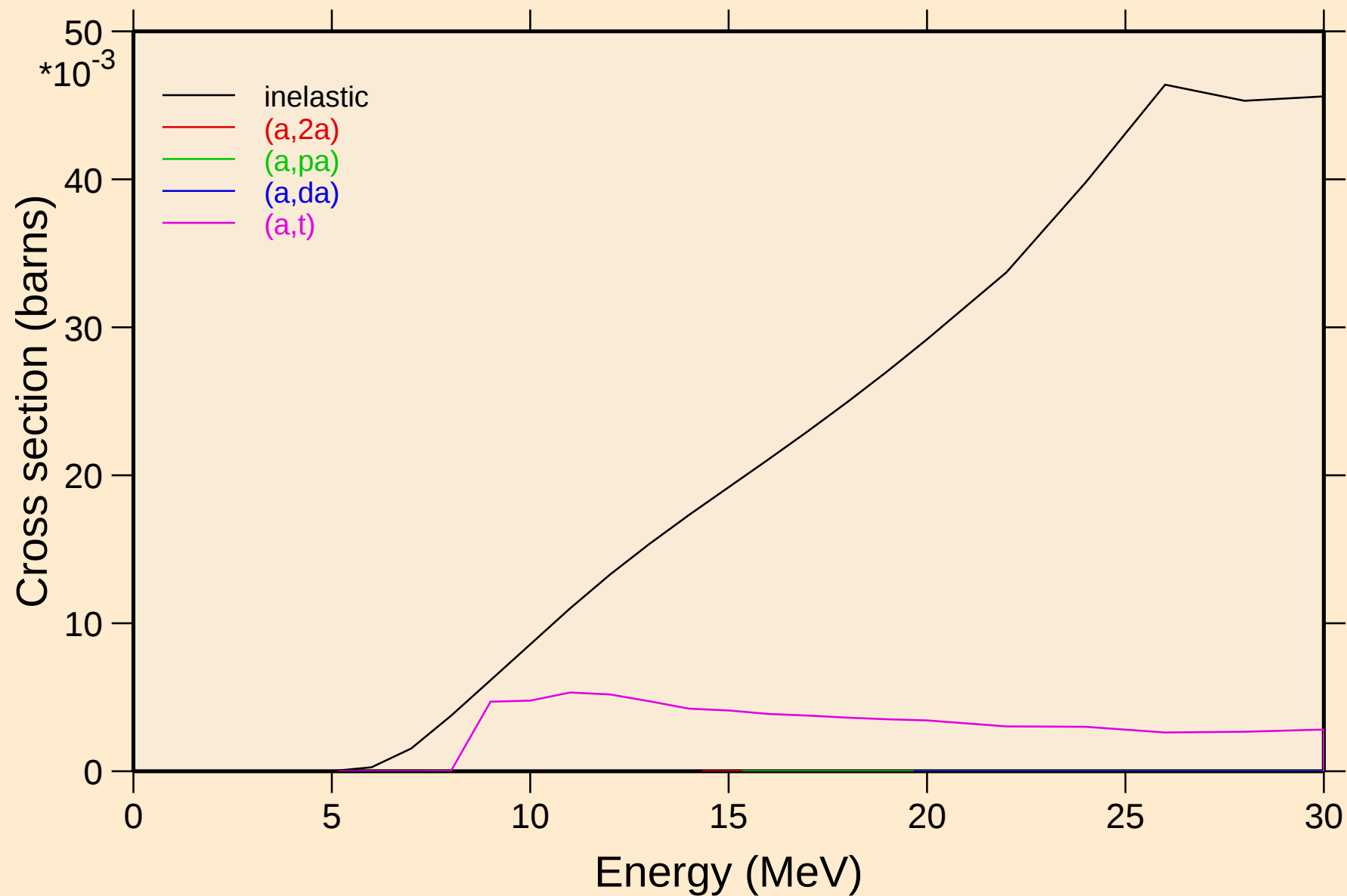
P037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Threshold reactions



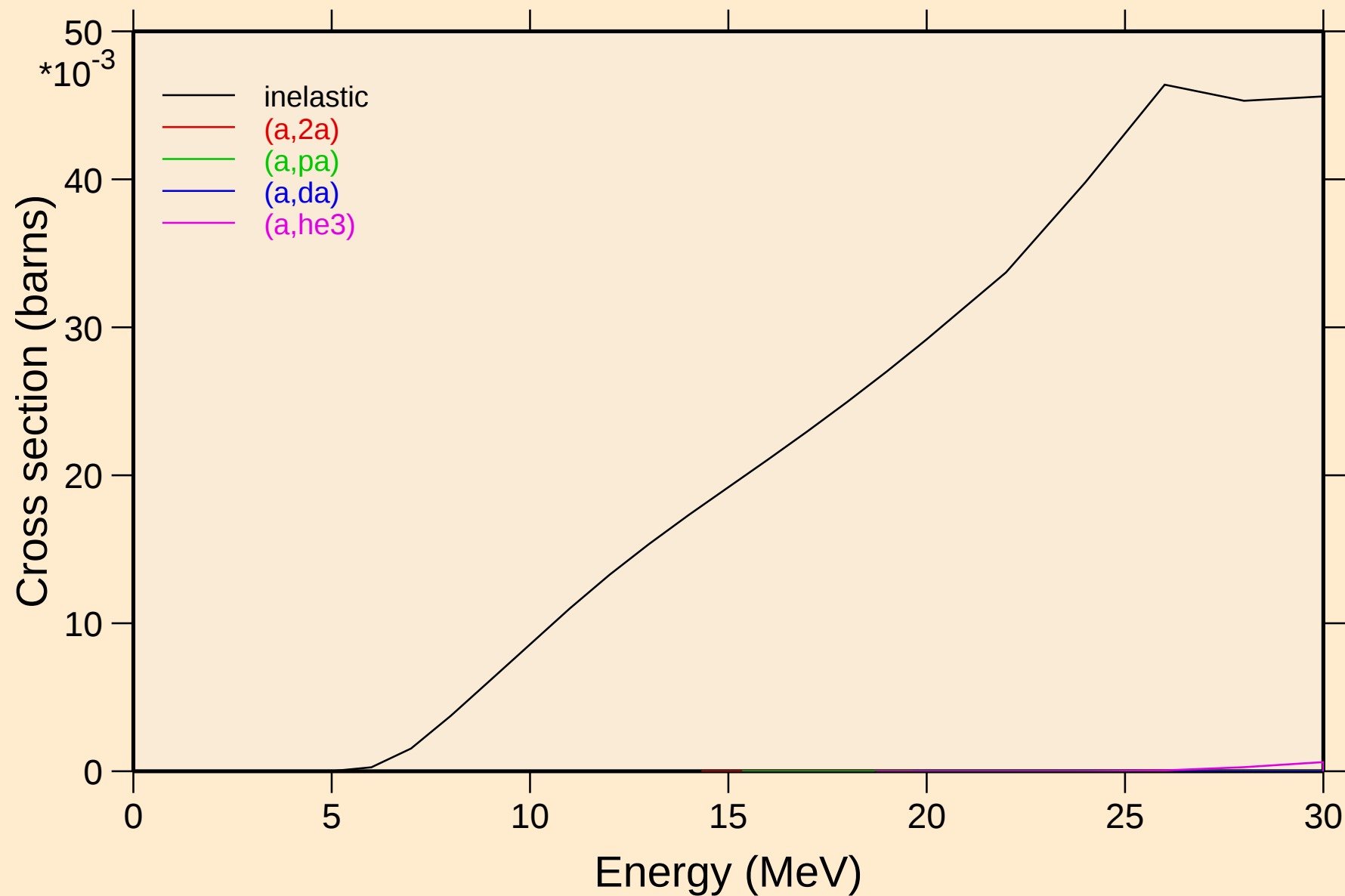
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Threshold reactions



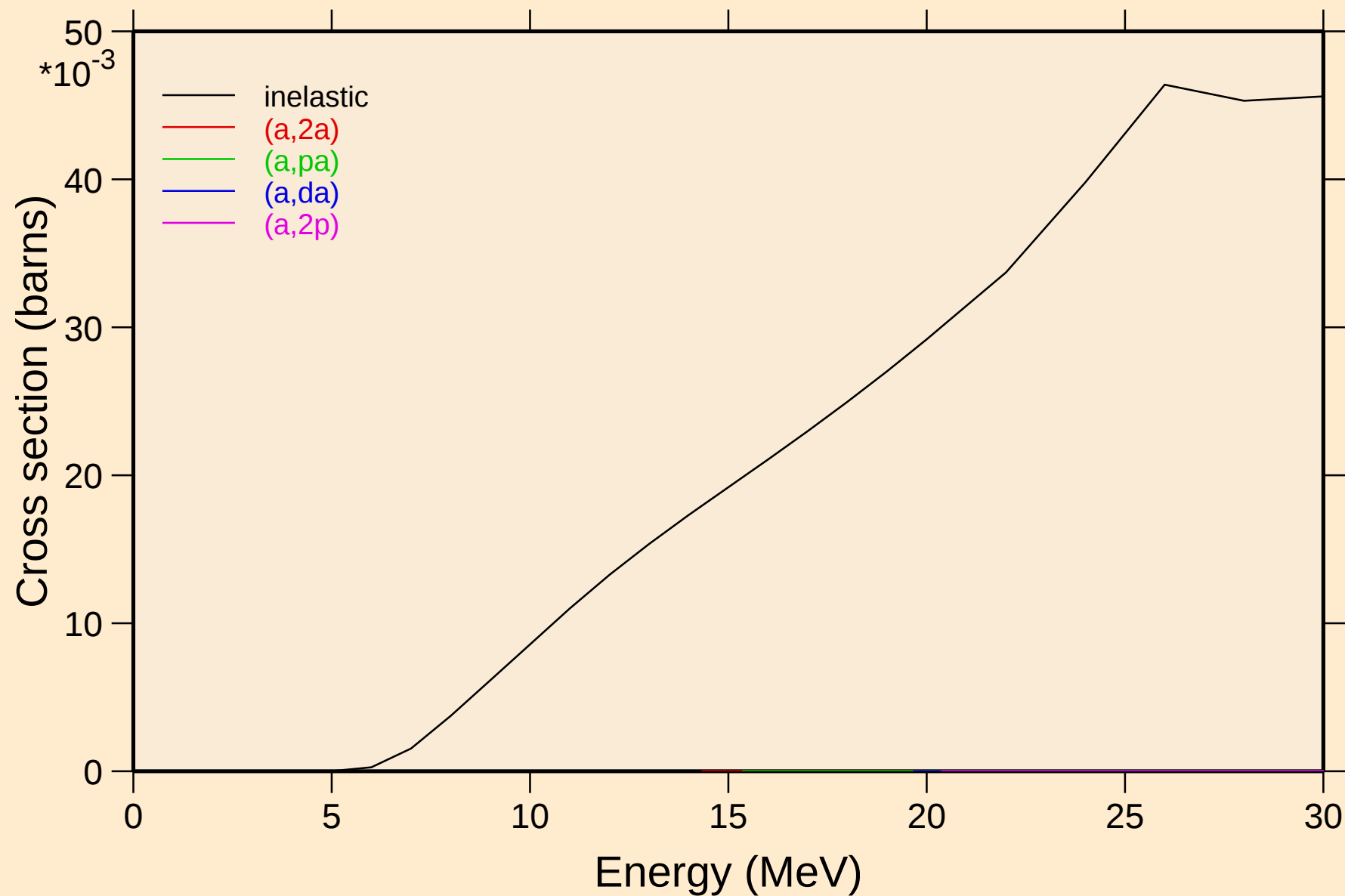
P037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Threshold reactions



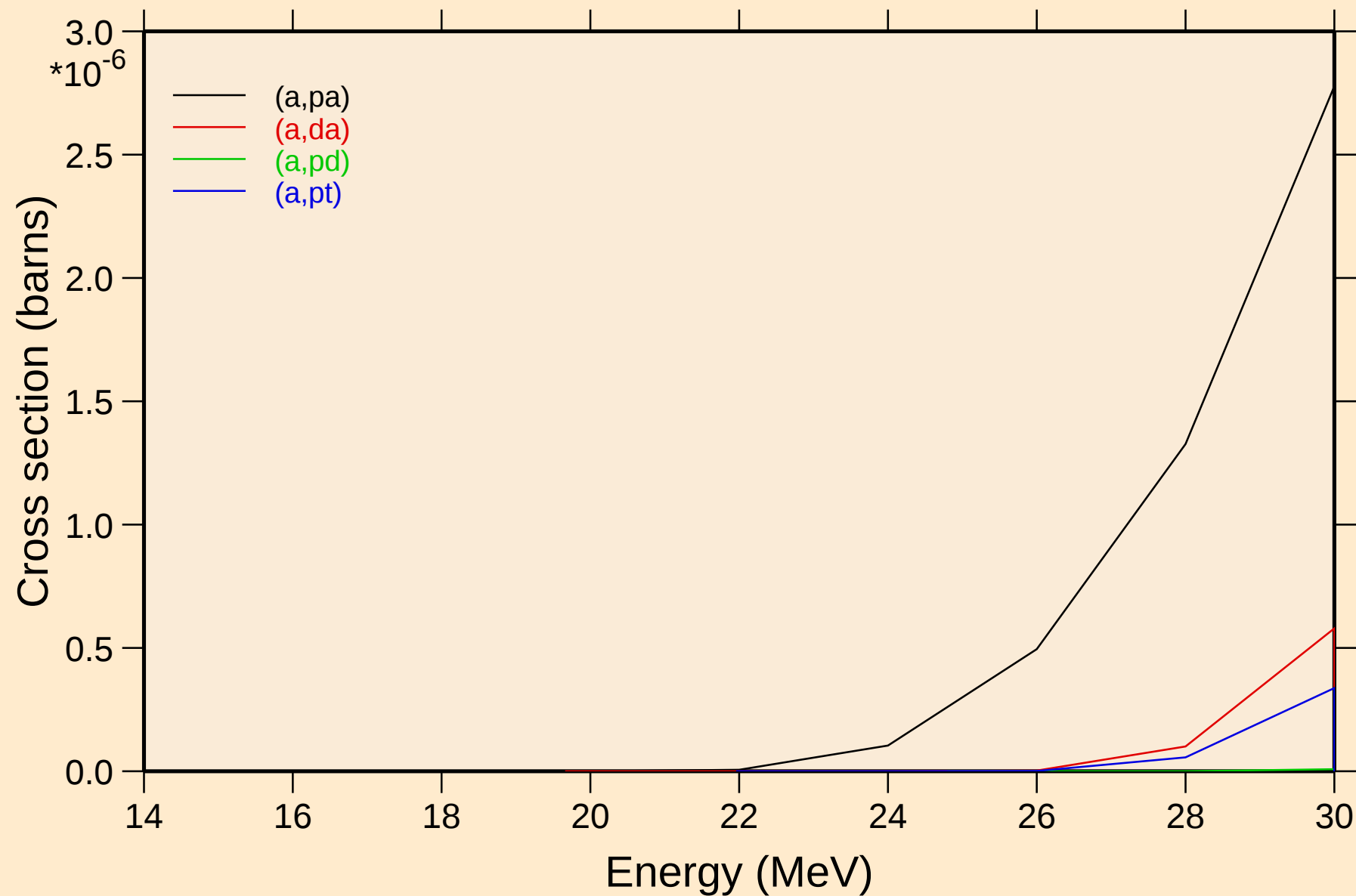
P037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Threshold reactions



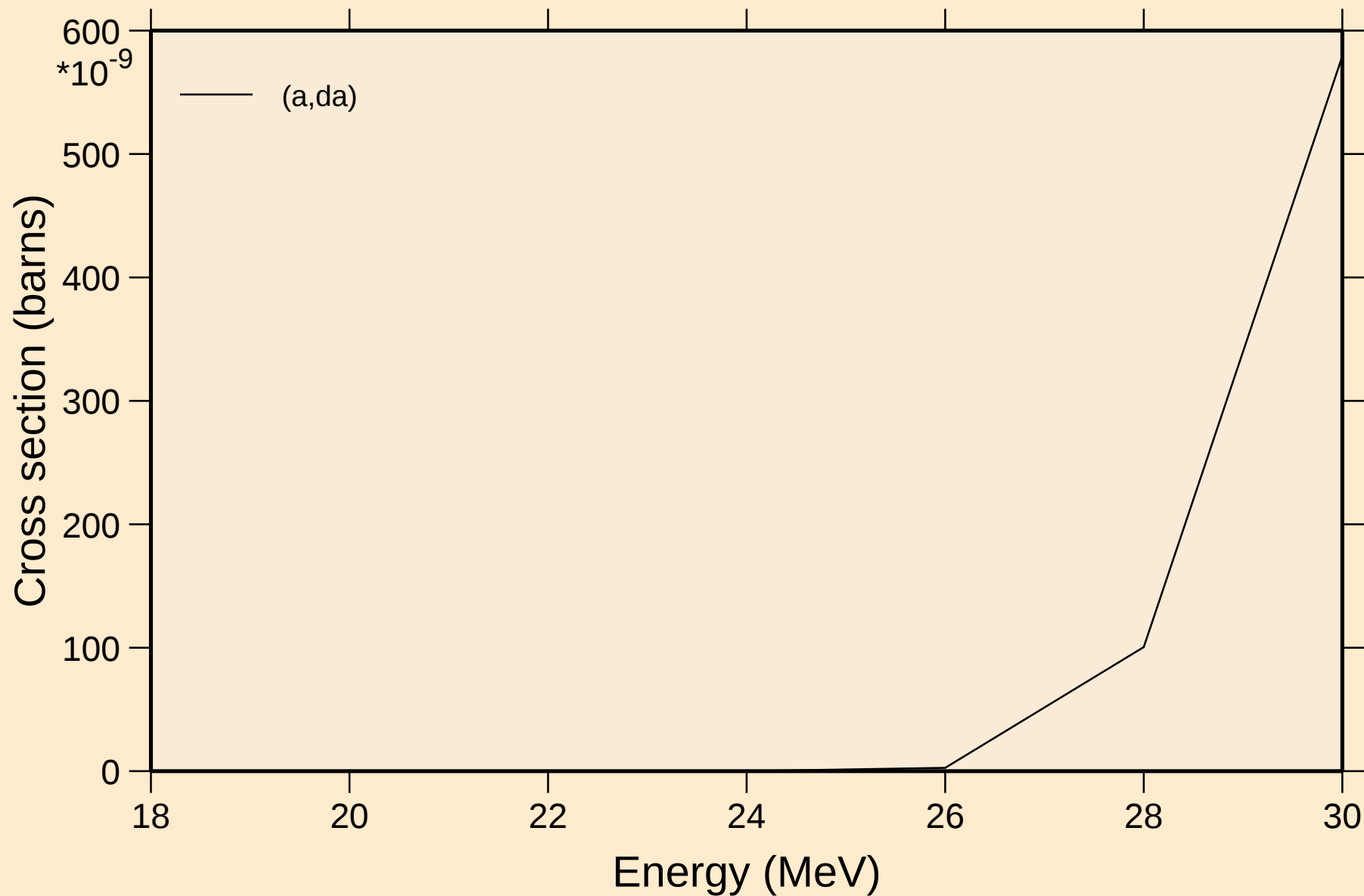
P037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Threshold reactions

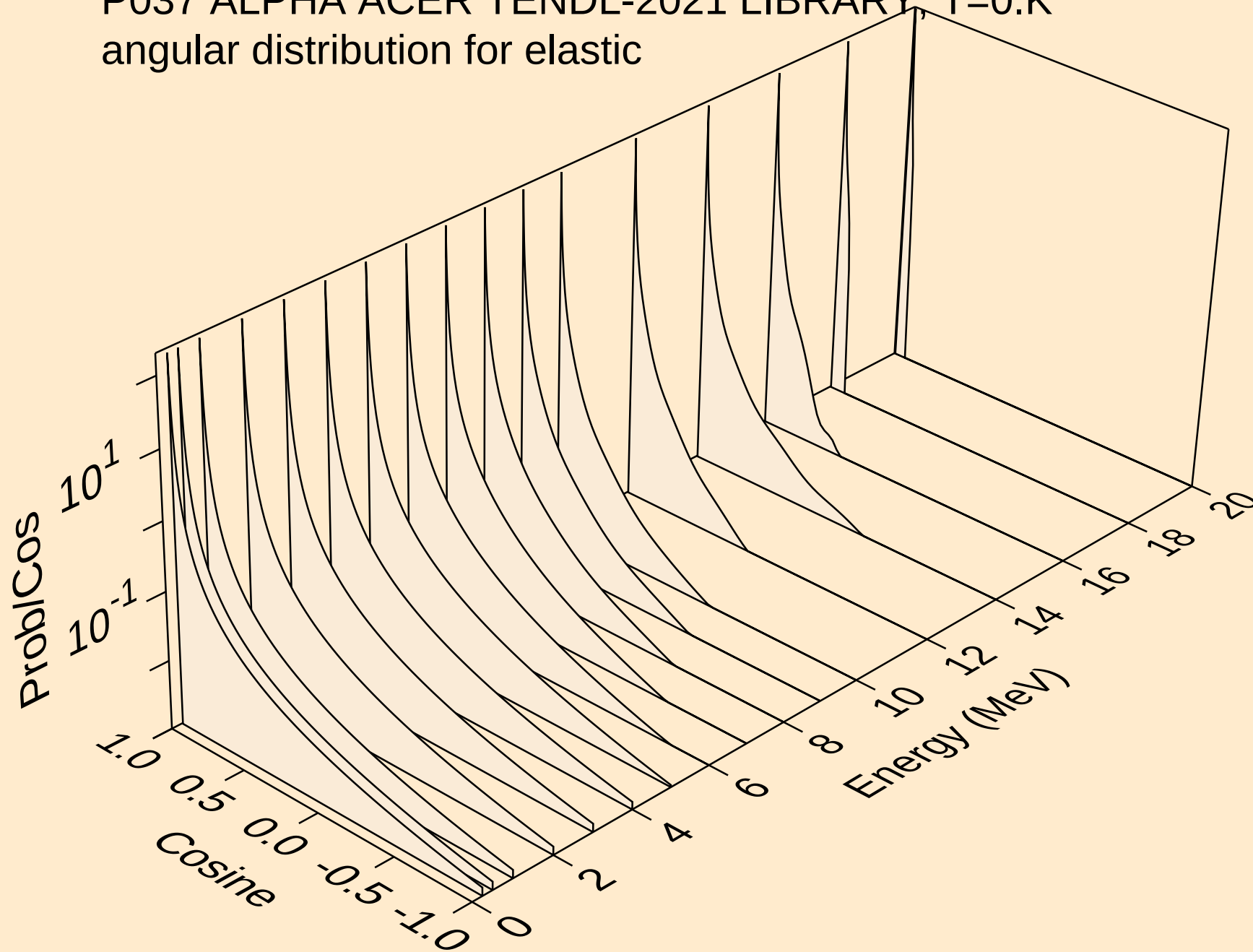


P037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

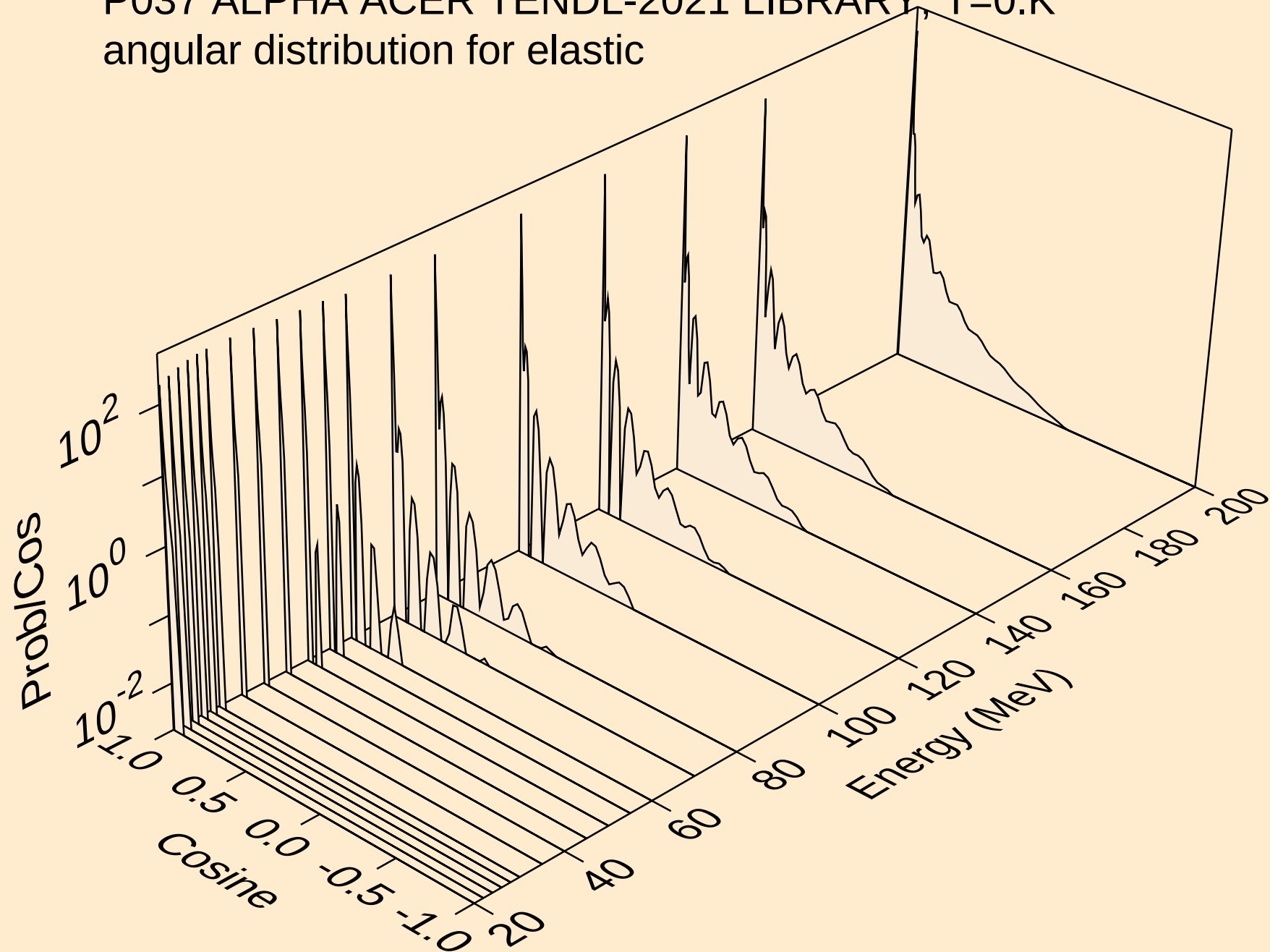
Threshold reactions



P037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
angular distribution for elastic

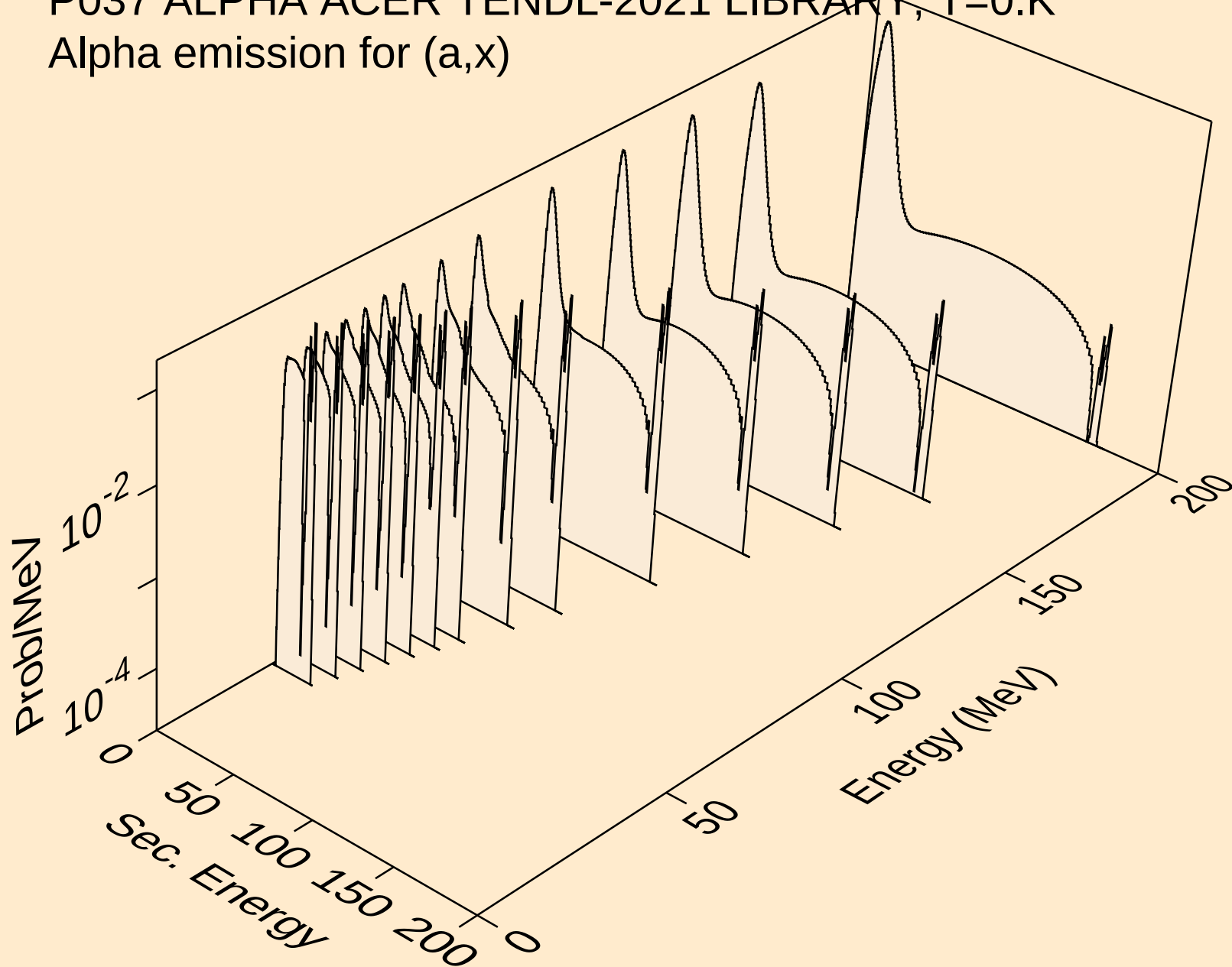


P037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
angular distribution for elastic

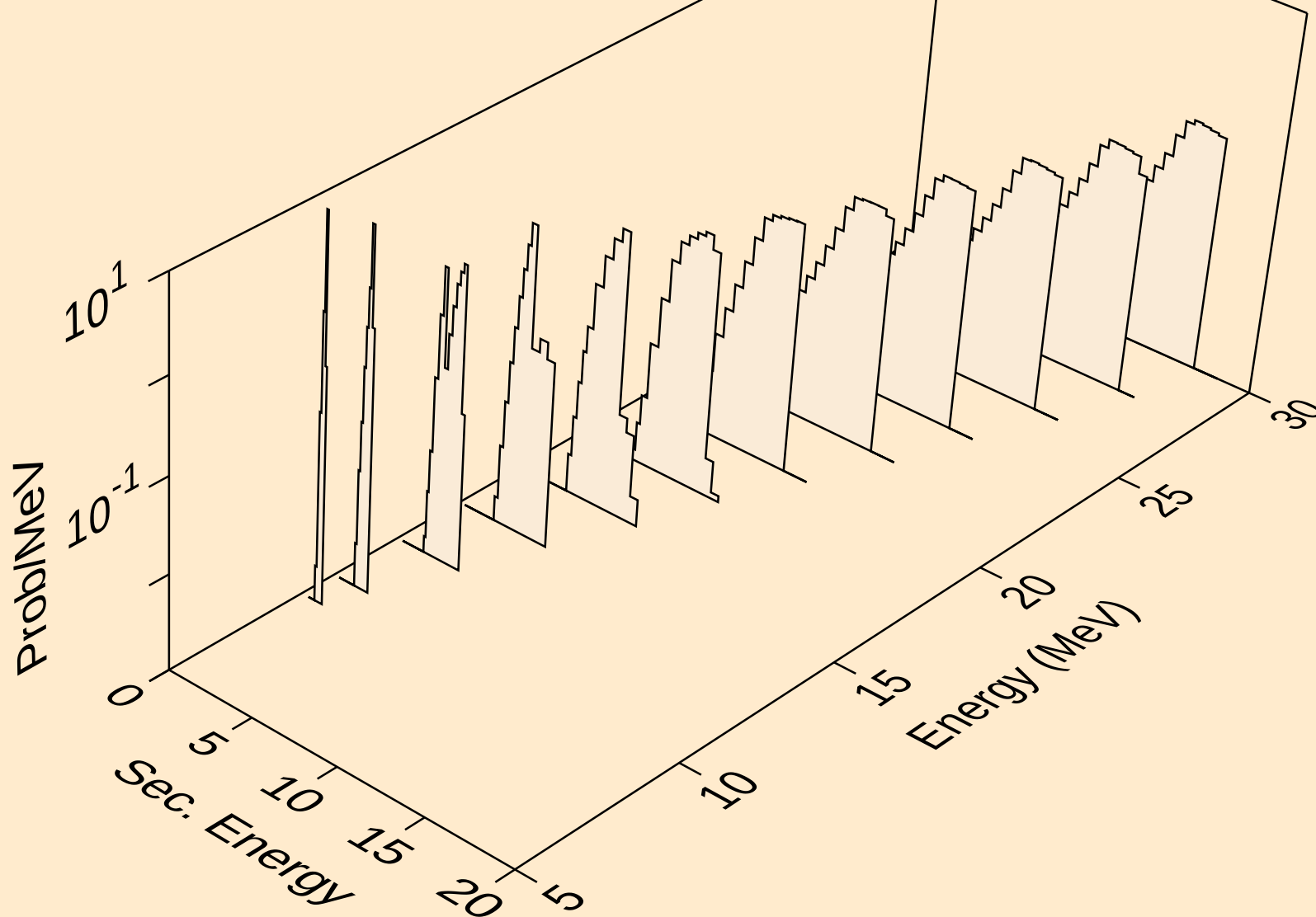


P037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

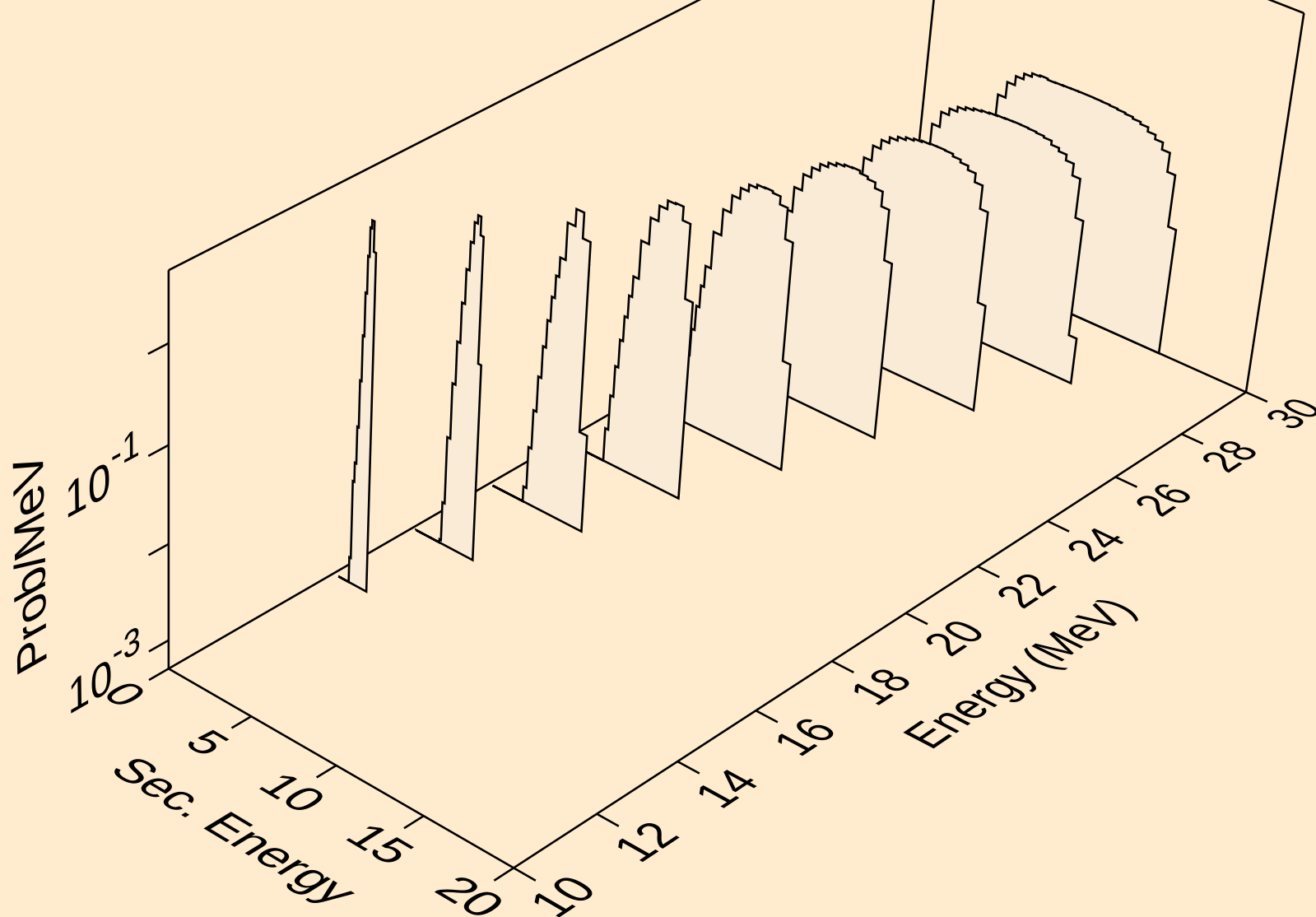
Alpha emission for (a,x)



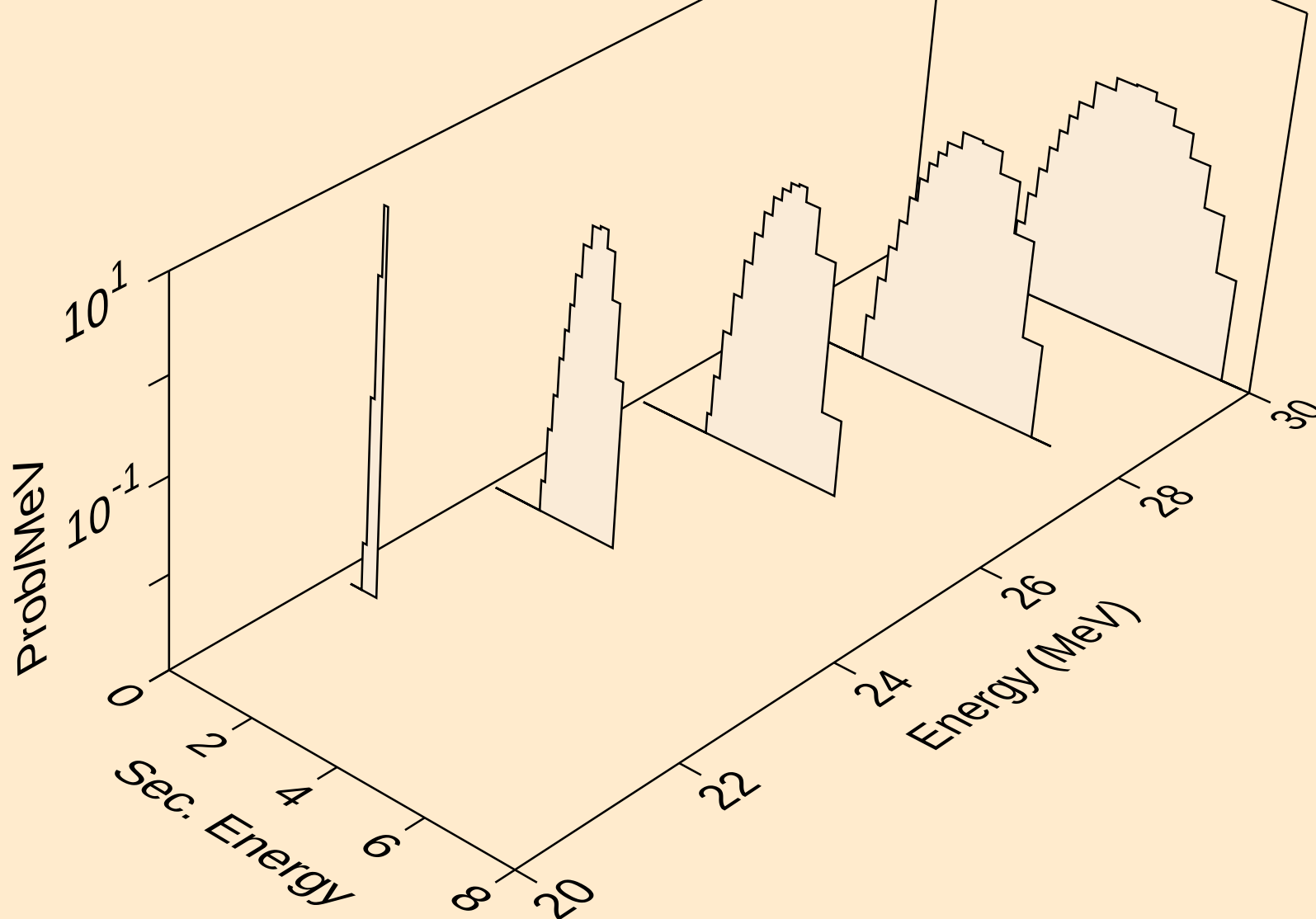
P037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Alpha emission for (a,n*)a



P037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Alpha emission for (a,2n)a

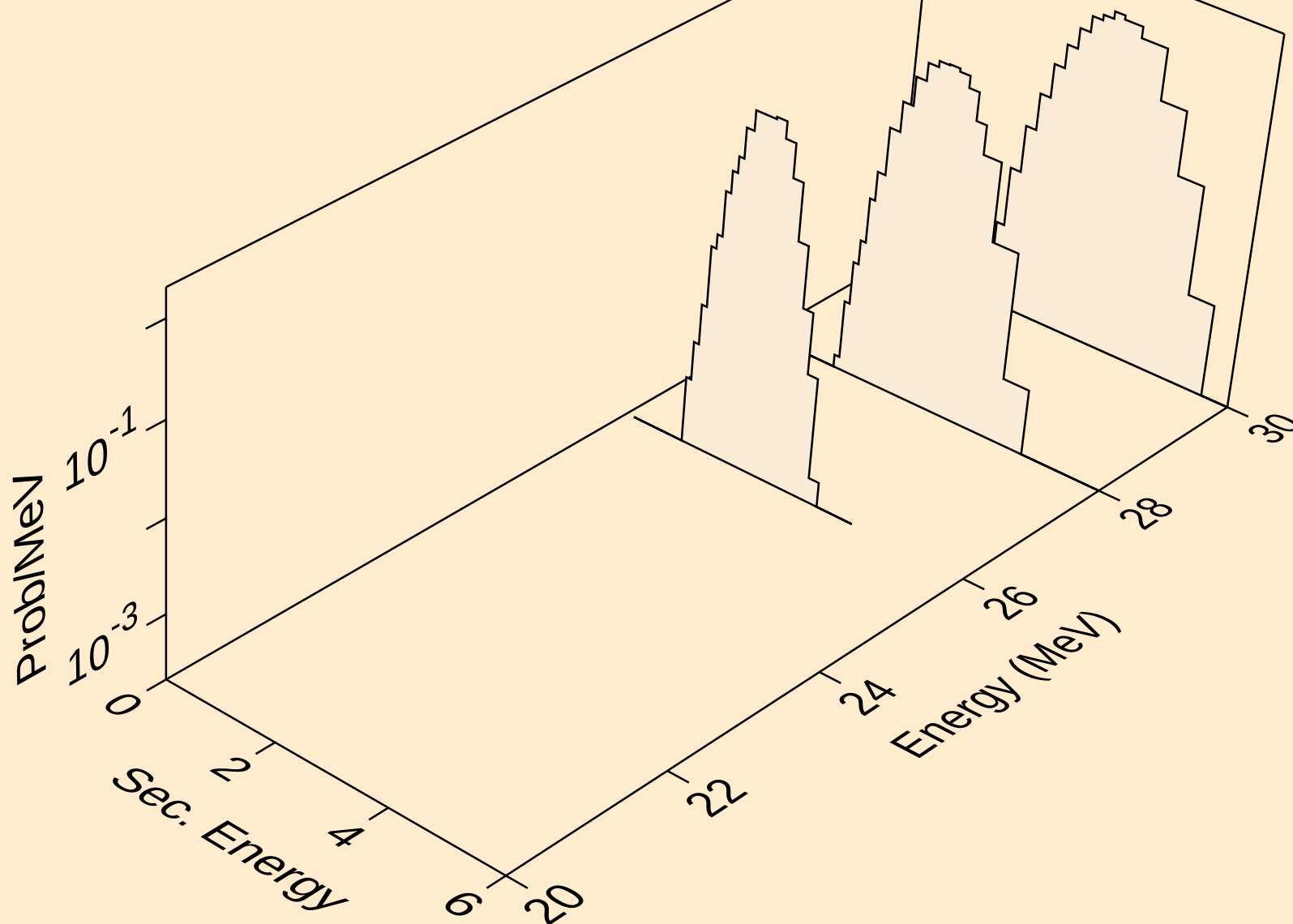


P037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Alpha emission for (a,3n)a



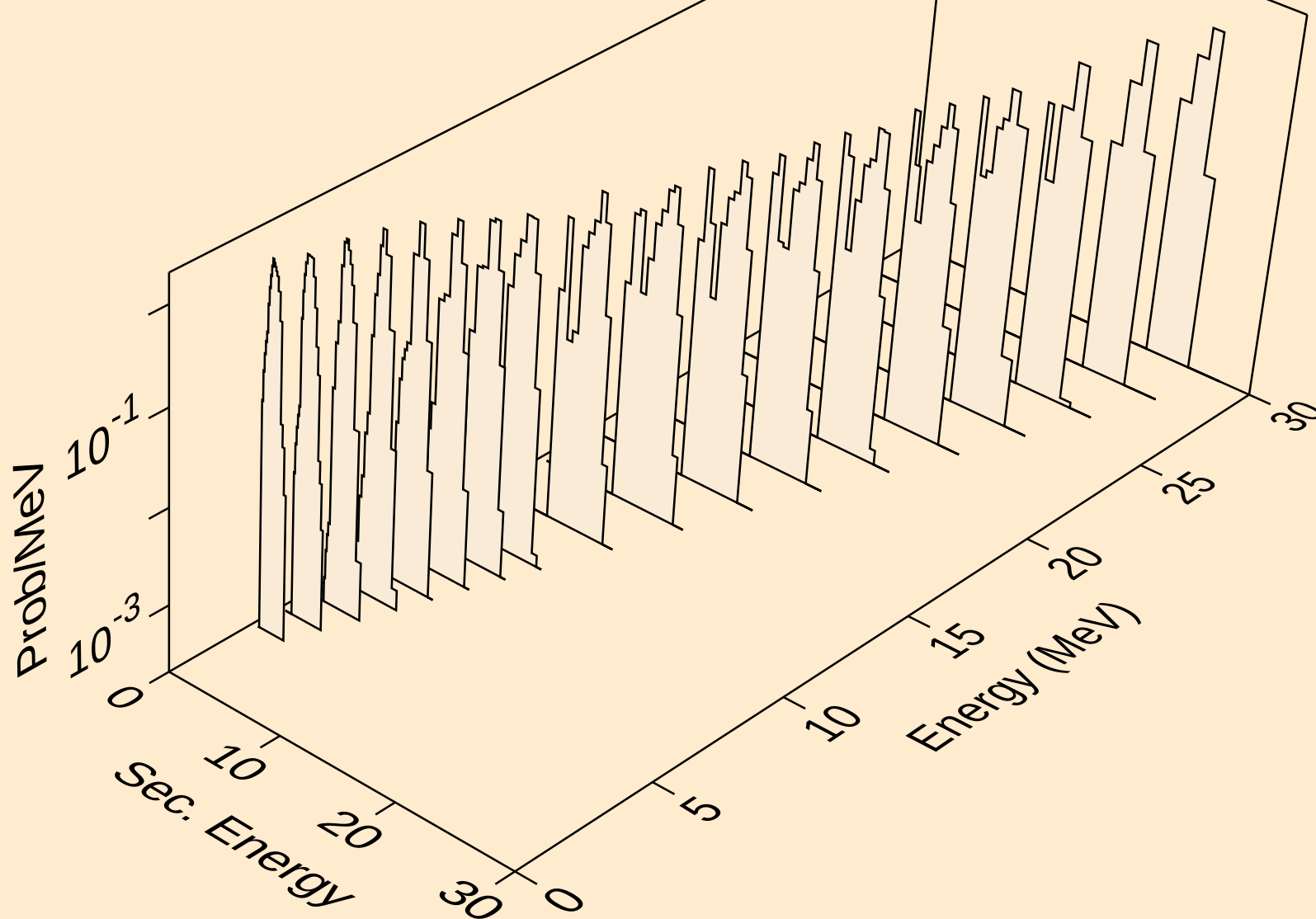
P037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Alpha emission for (a,n*)2a



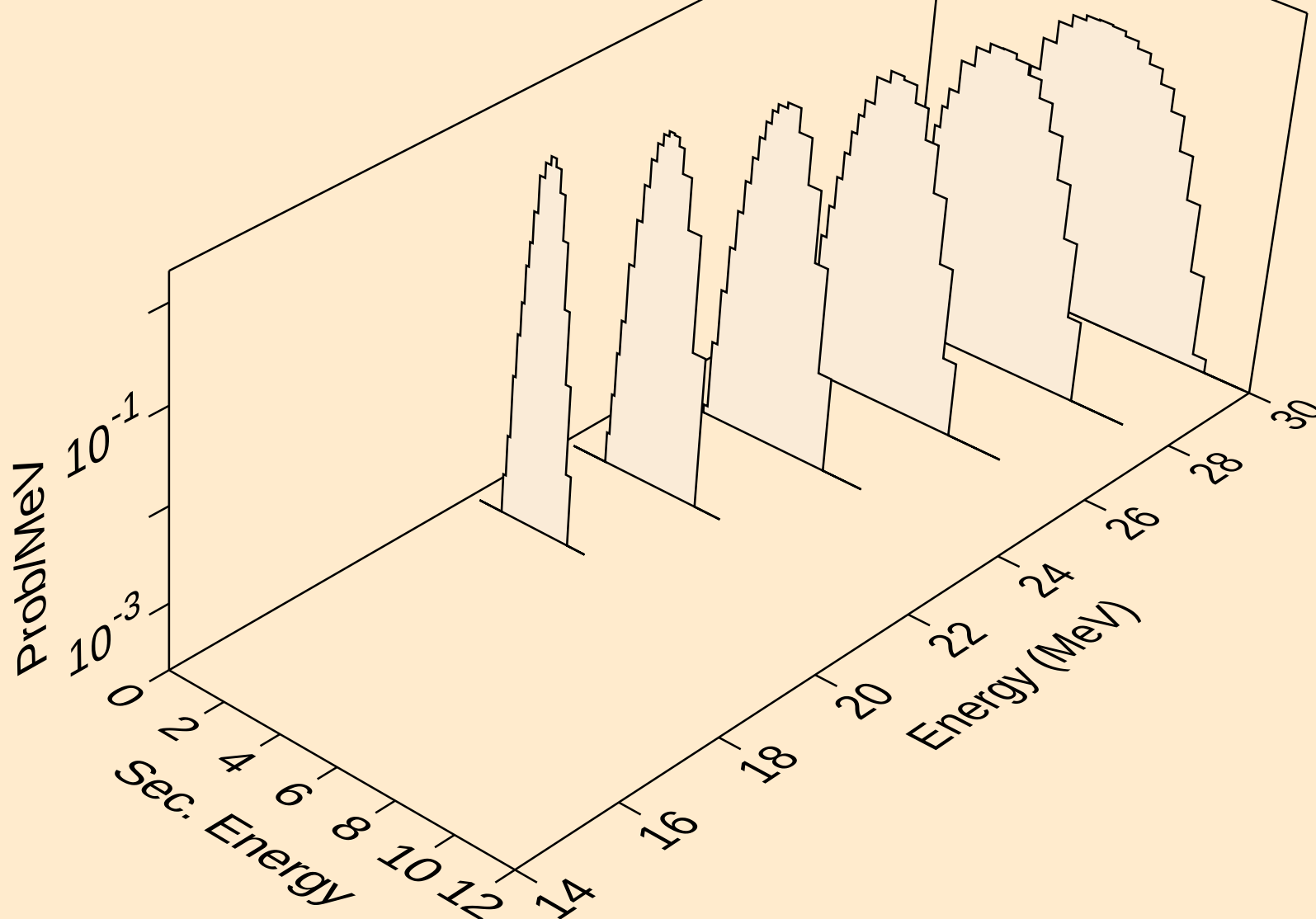
P037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Alpha emission for inelastic

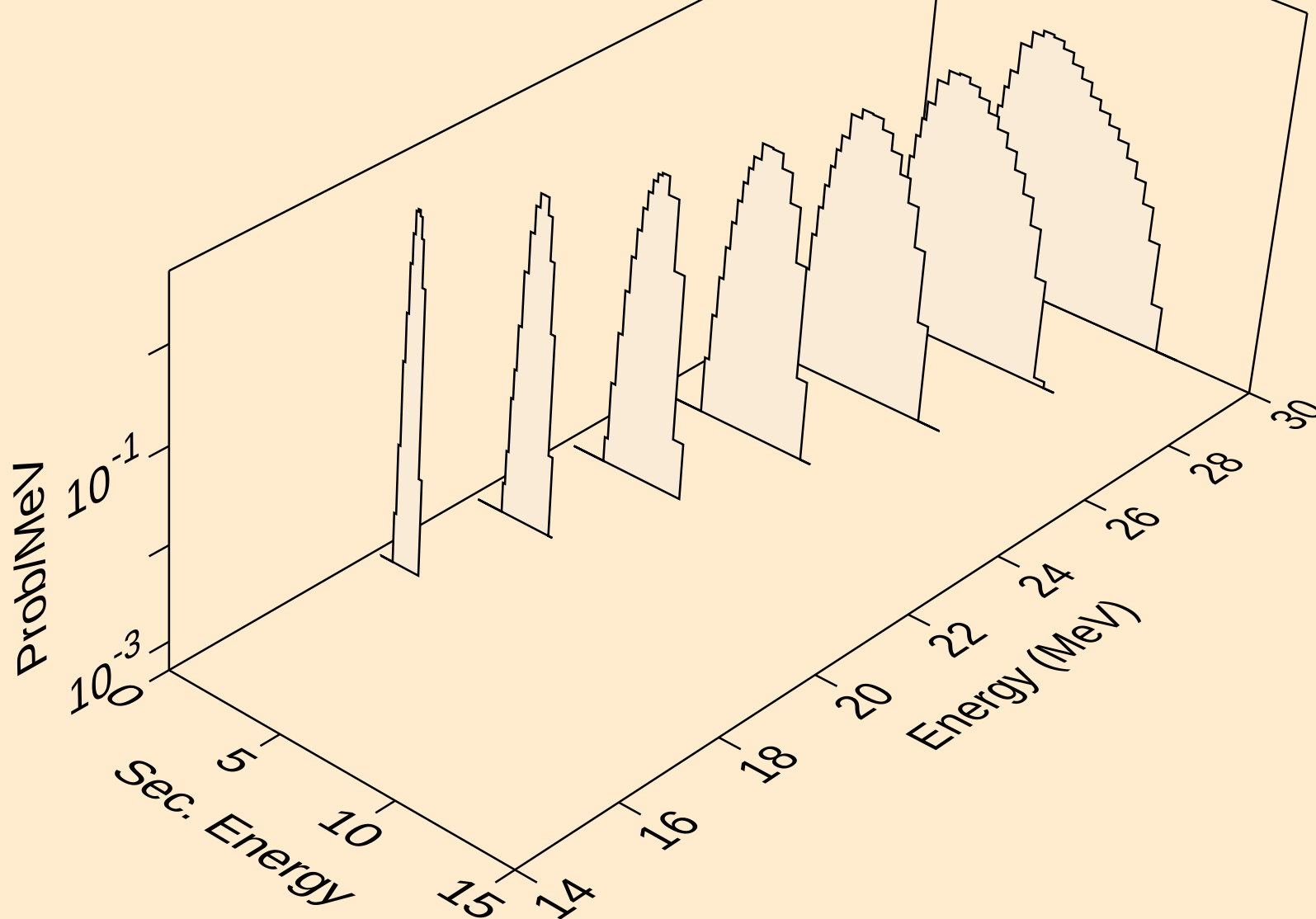


P037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

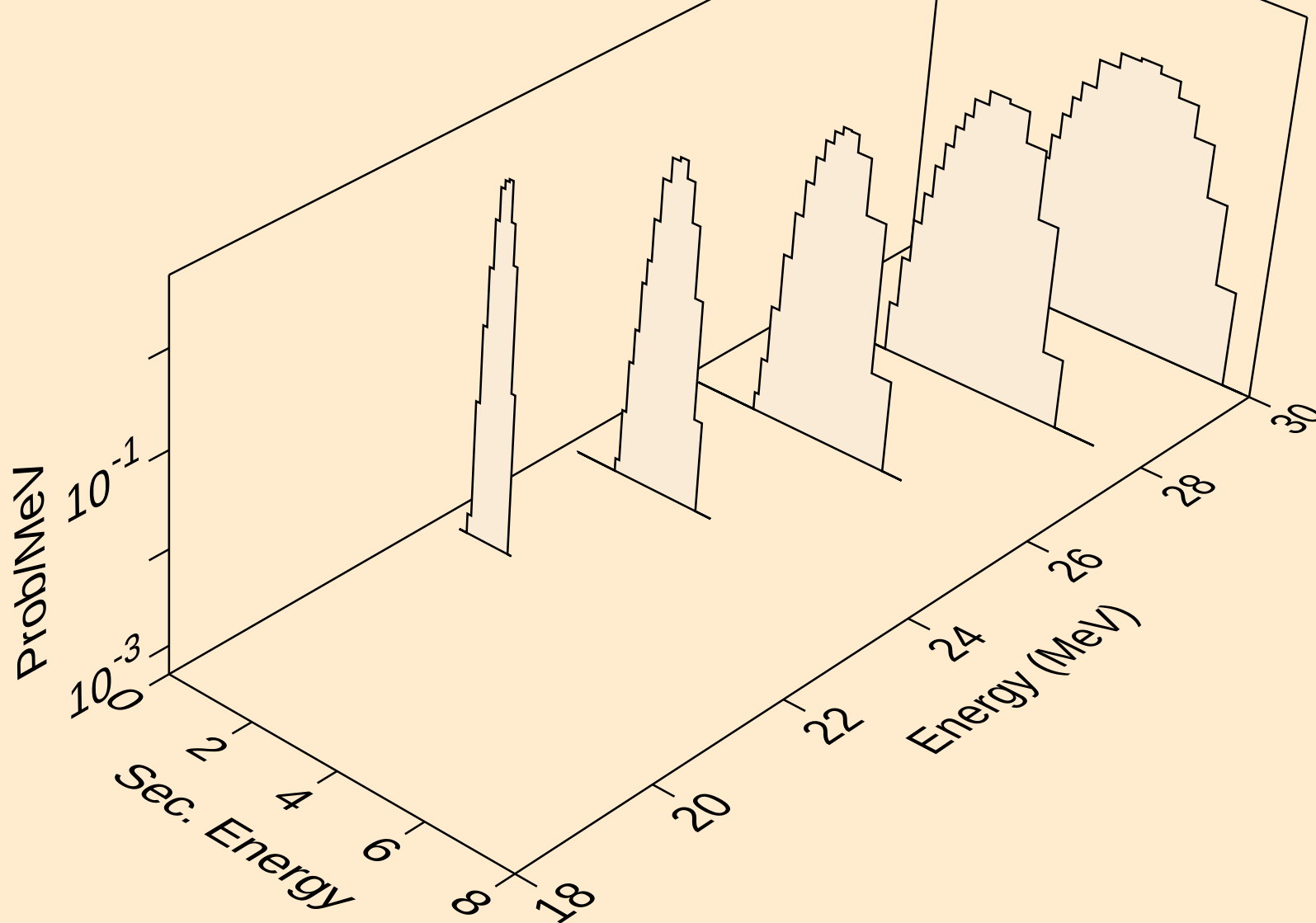
Alpha emission for (a,2a)



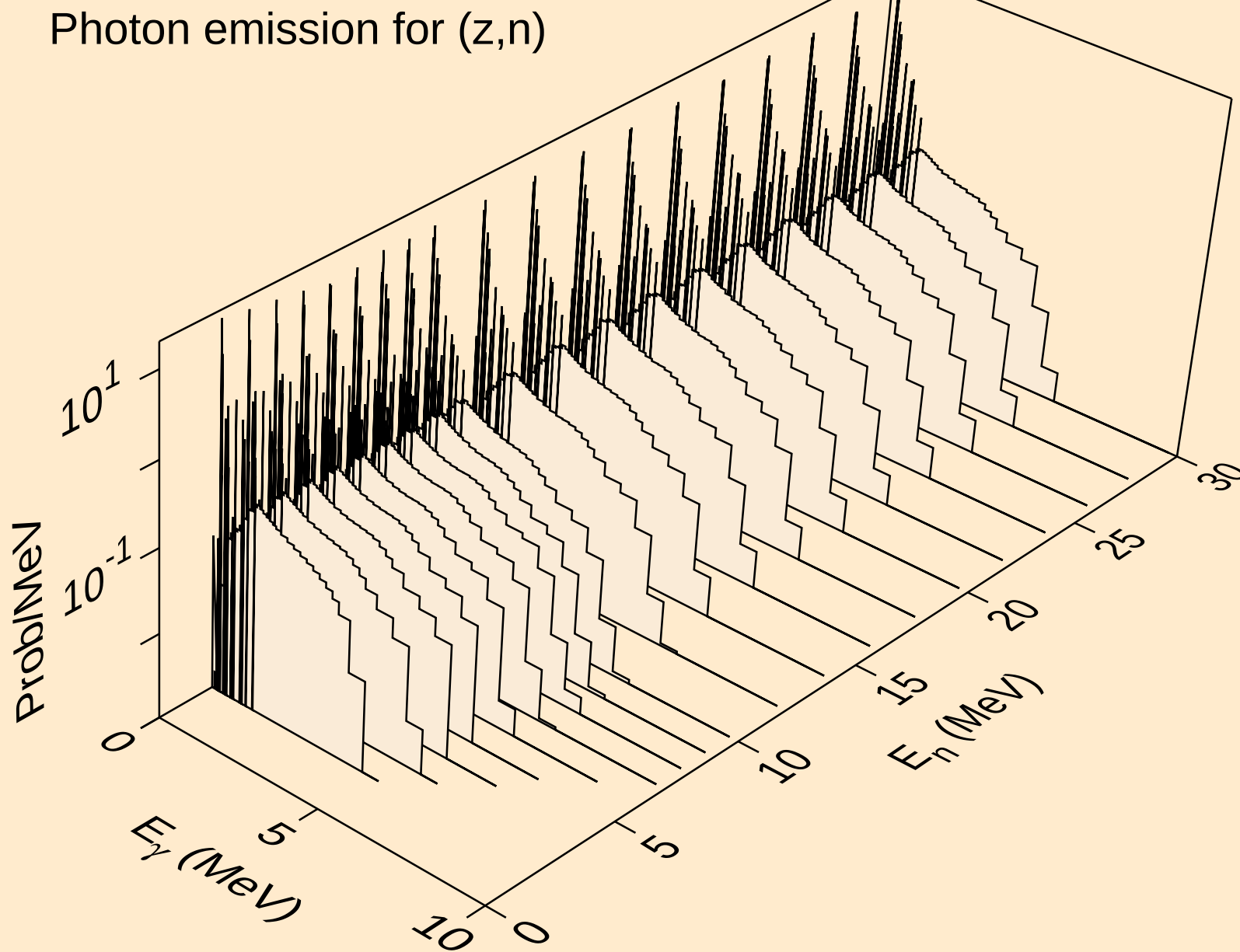
P037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Alpha emission for (a,pa)



P037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Alpha emission for (a,da)

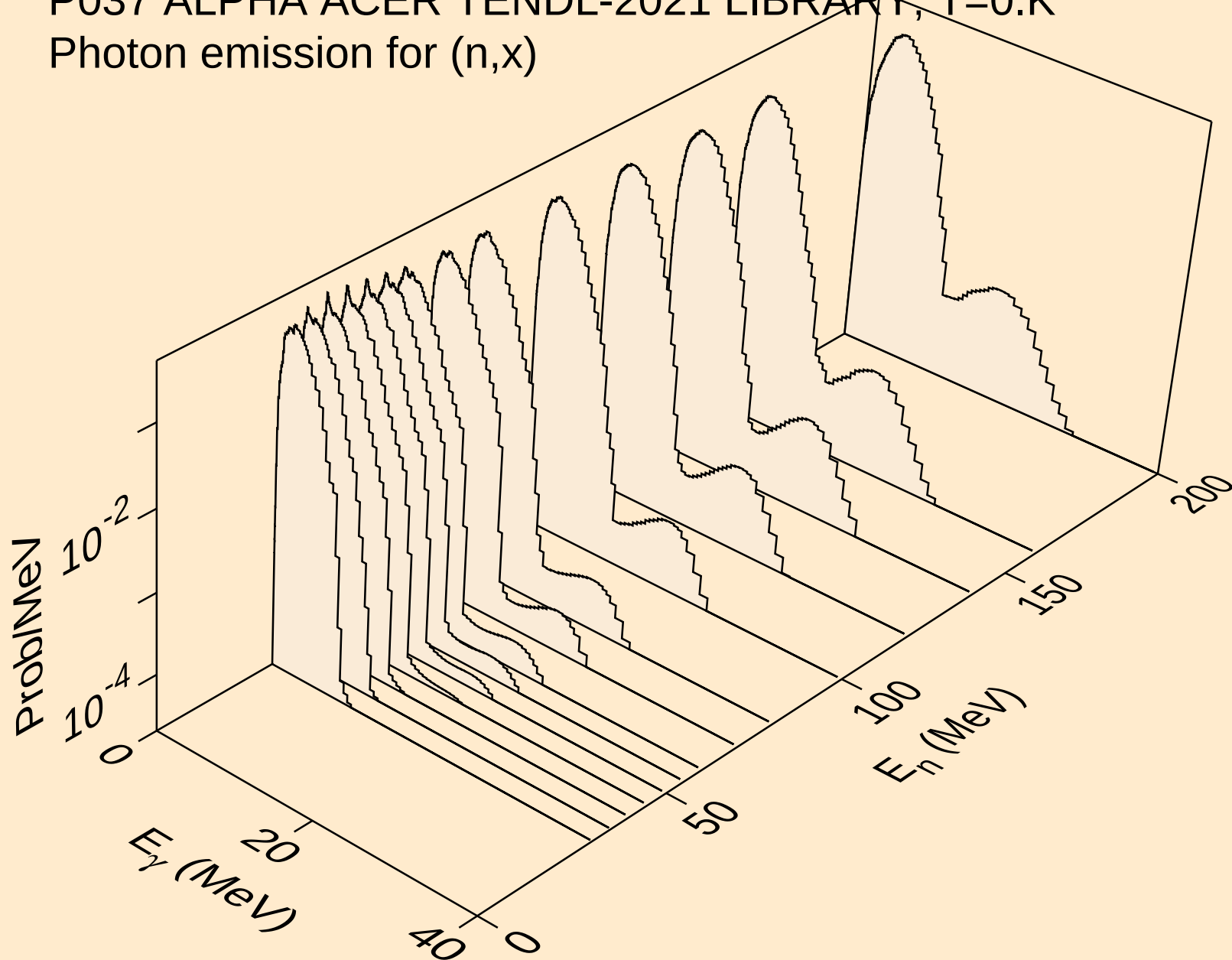


P037 ALPHA ACER TENDL-2021 LIBRARY; $T=0.K$
Photon emission for (z,n)

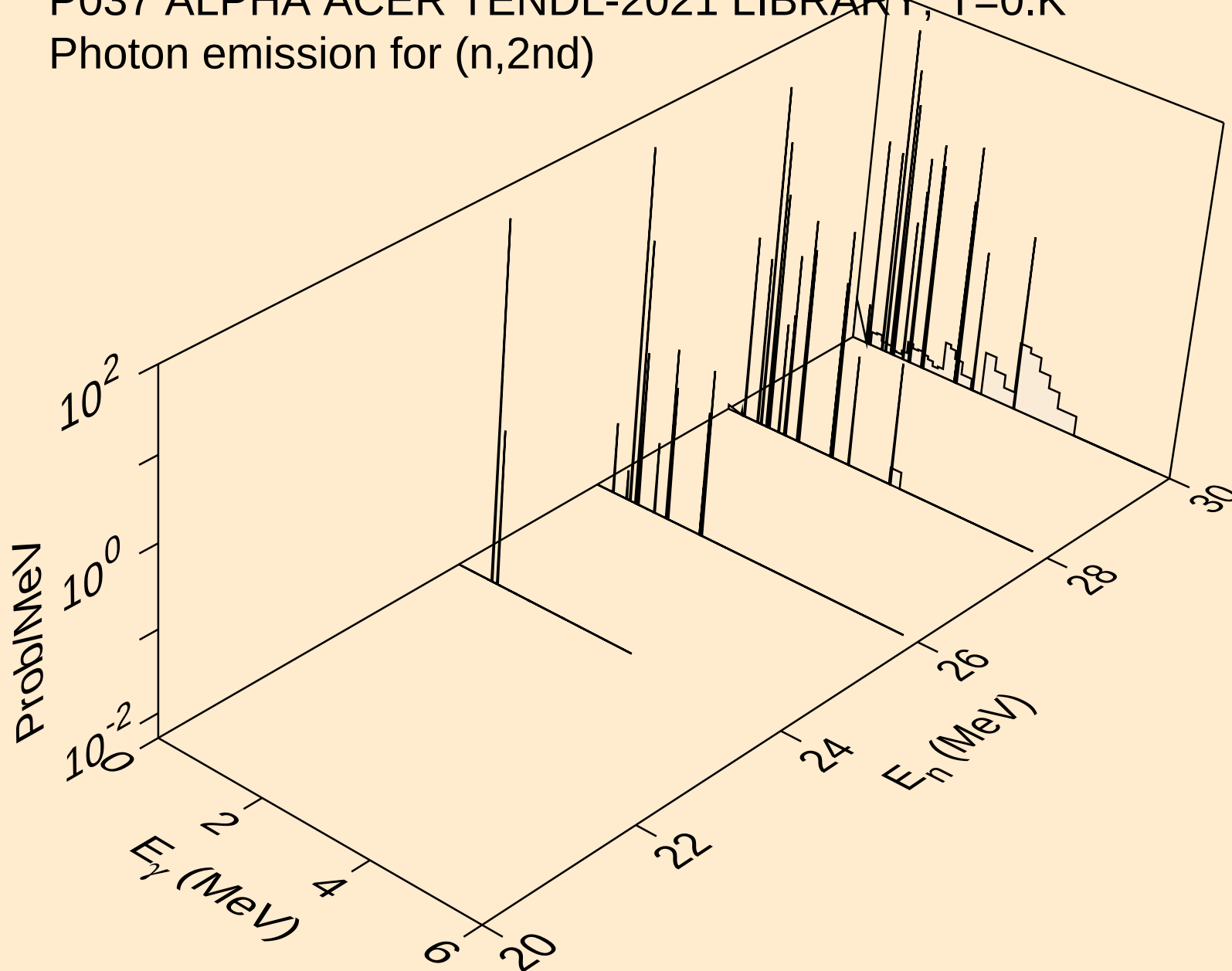


P037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

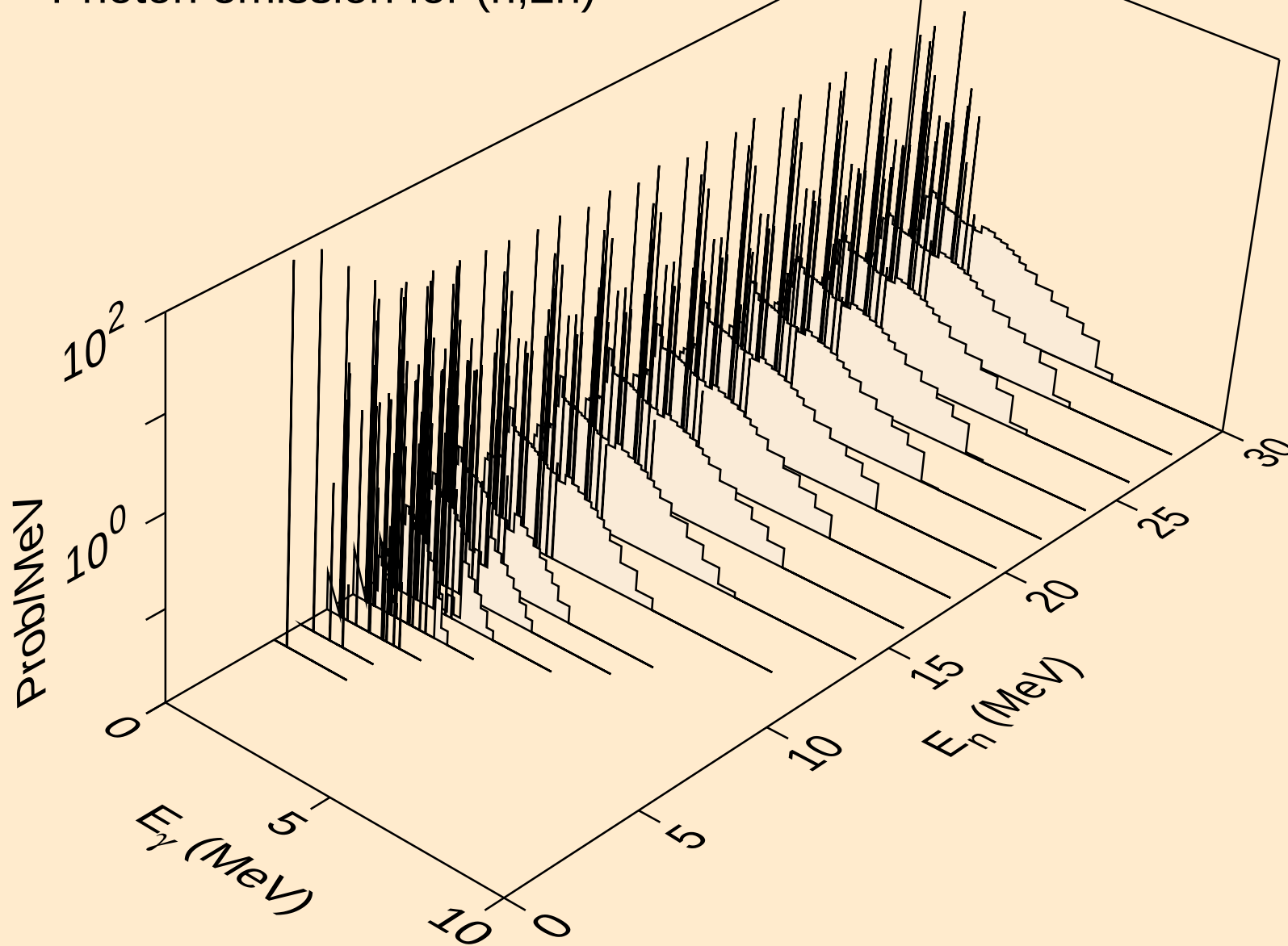
Photon emission for (n,x)



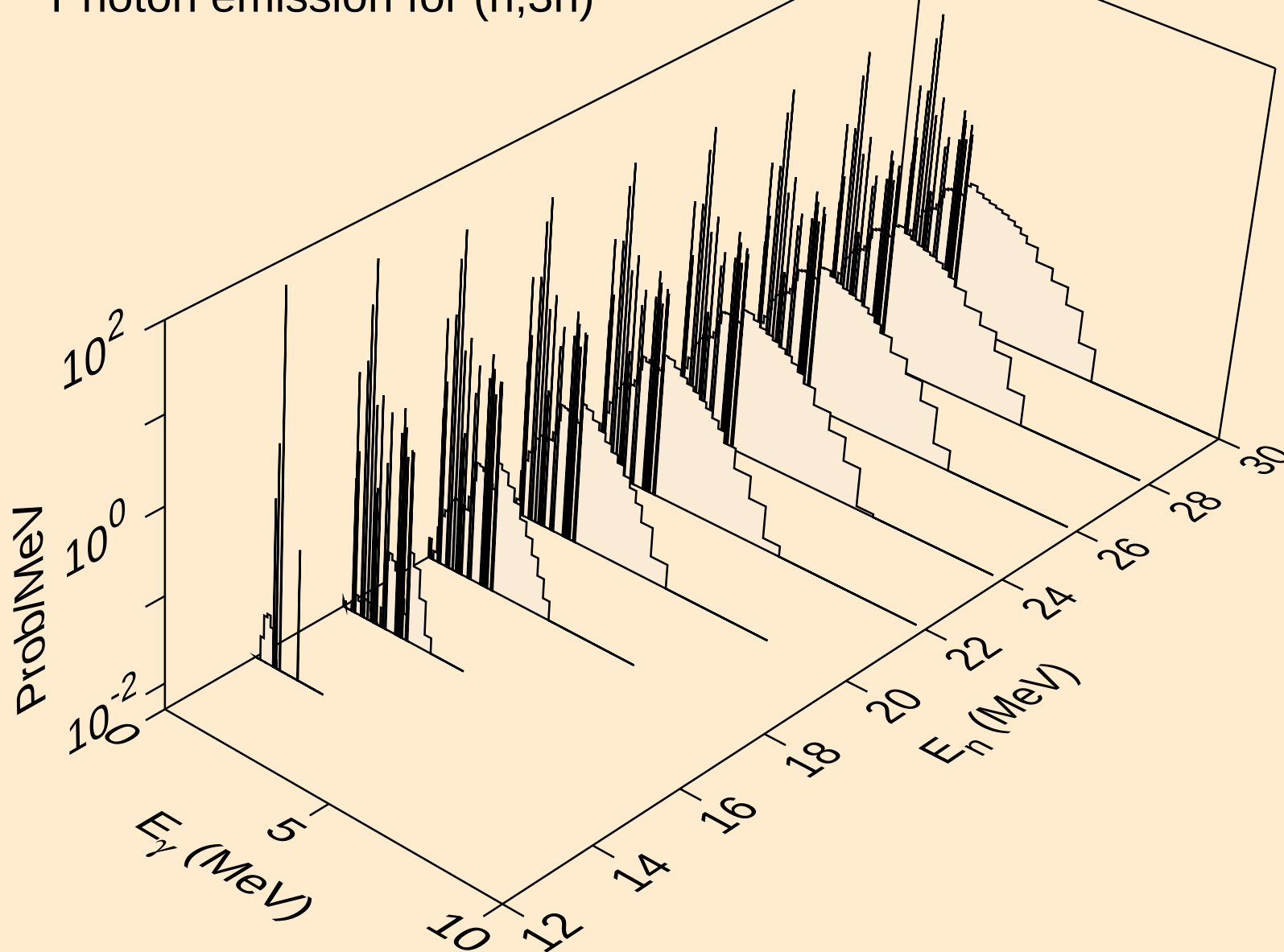
P037 ALPHA ACER TENDL-2021 LIBRARY; $T=0.K$
Photon emission for (n,2nd)



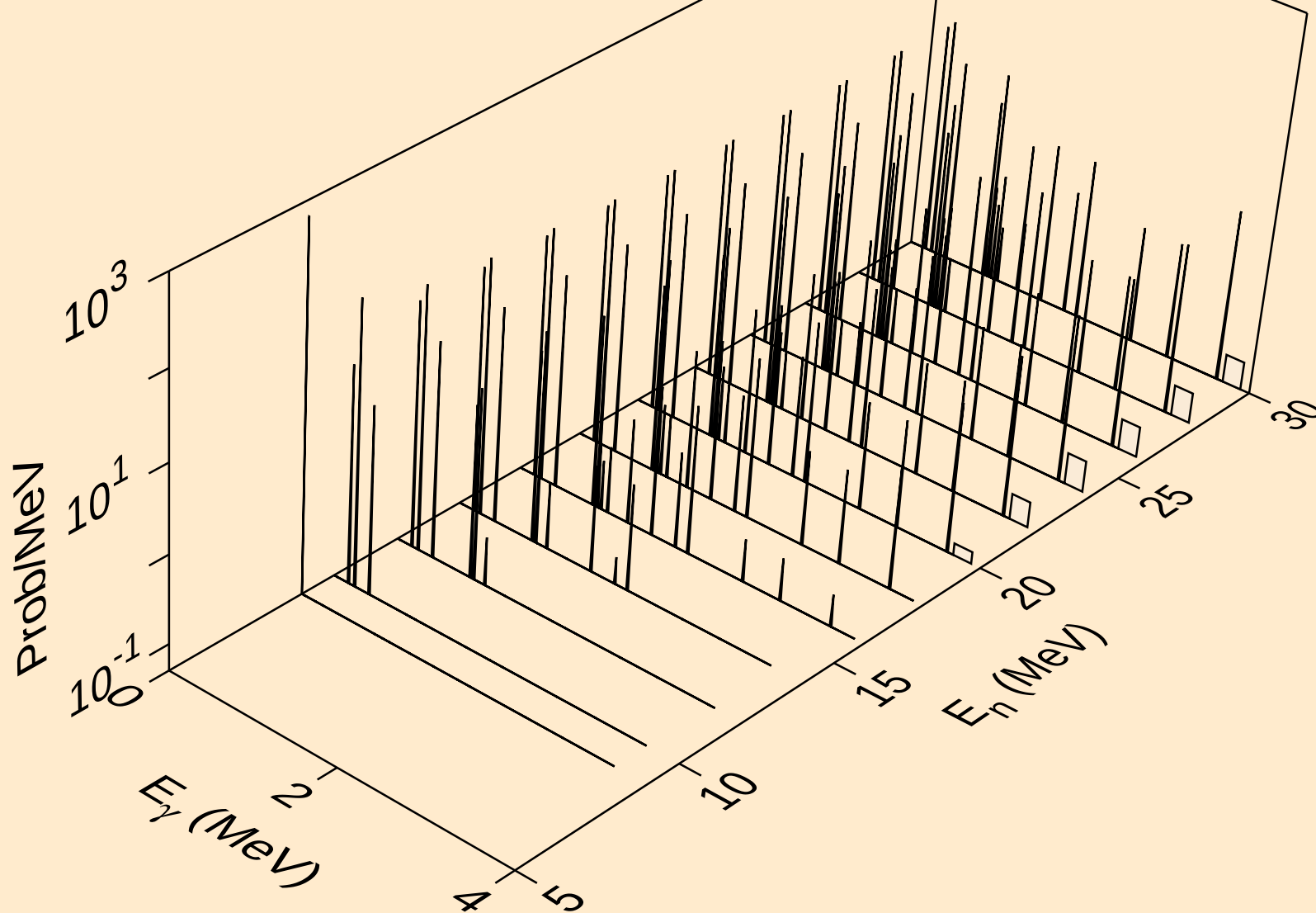
P037 ALPHA ACER TENDL-2021 LIBRARY; $T=0.K$
Photon emission for (n,2n)



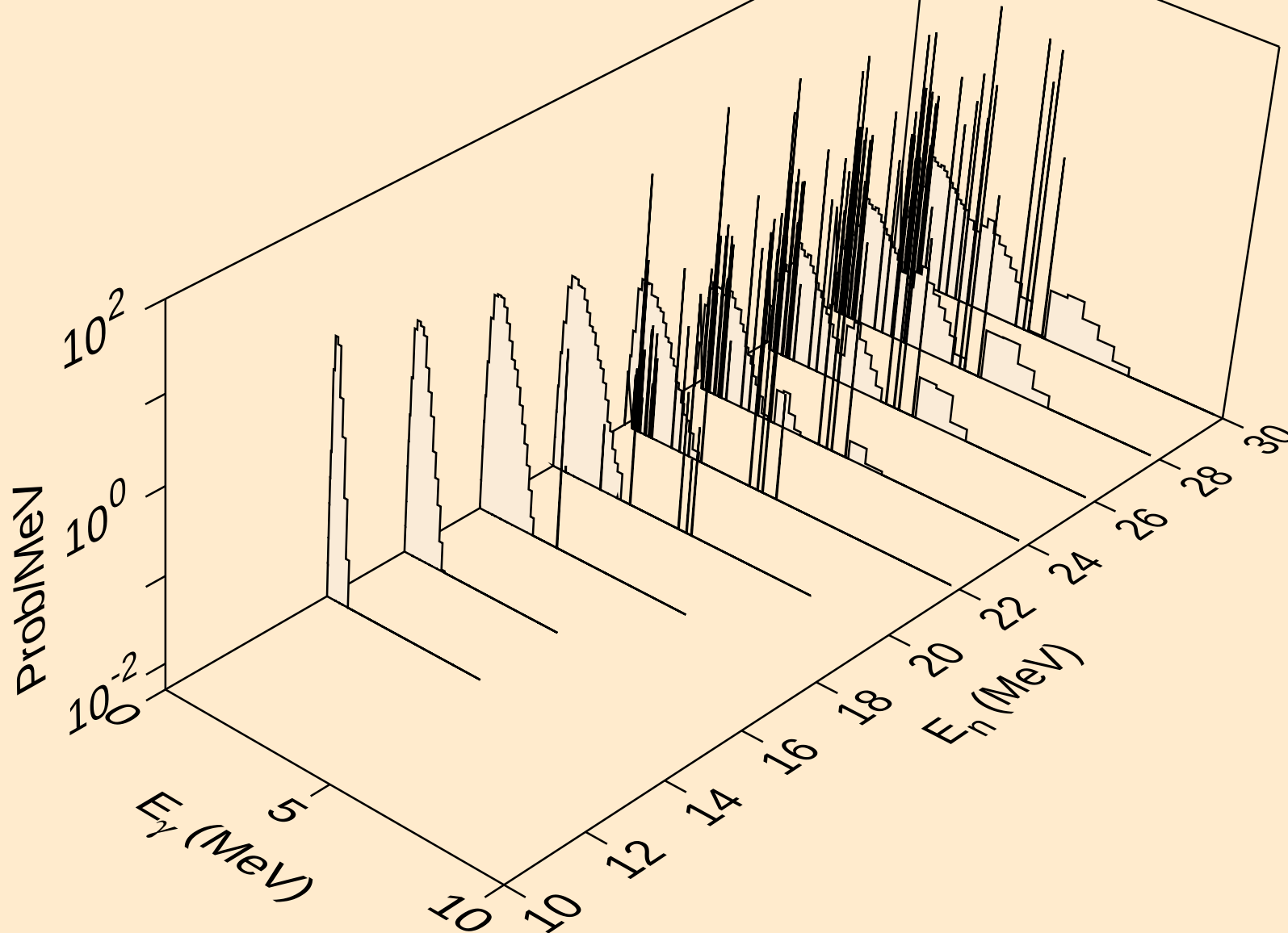
P037 ALPHA ACER TENDL-2021 LIBRARY; $T=0.K$
Photon emission for (n,3n)



P037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,n*)a

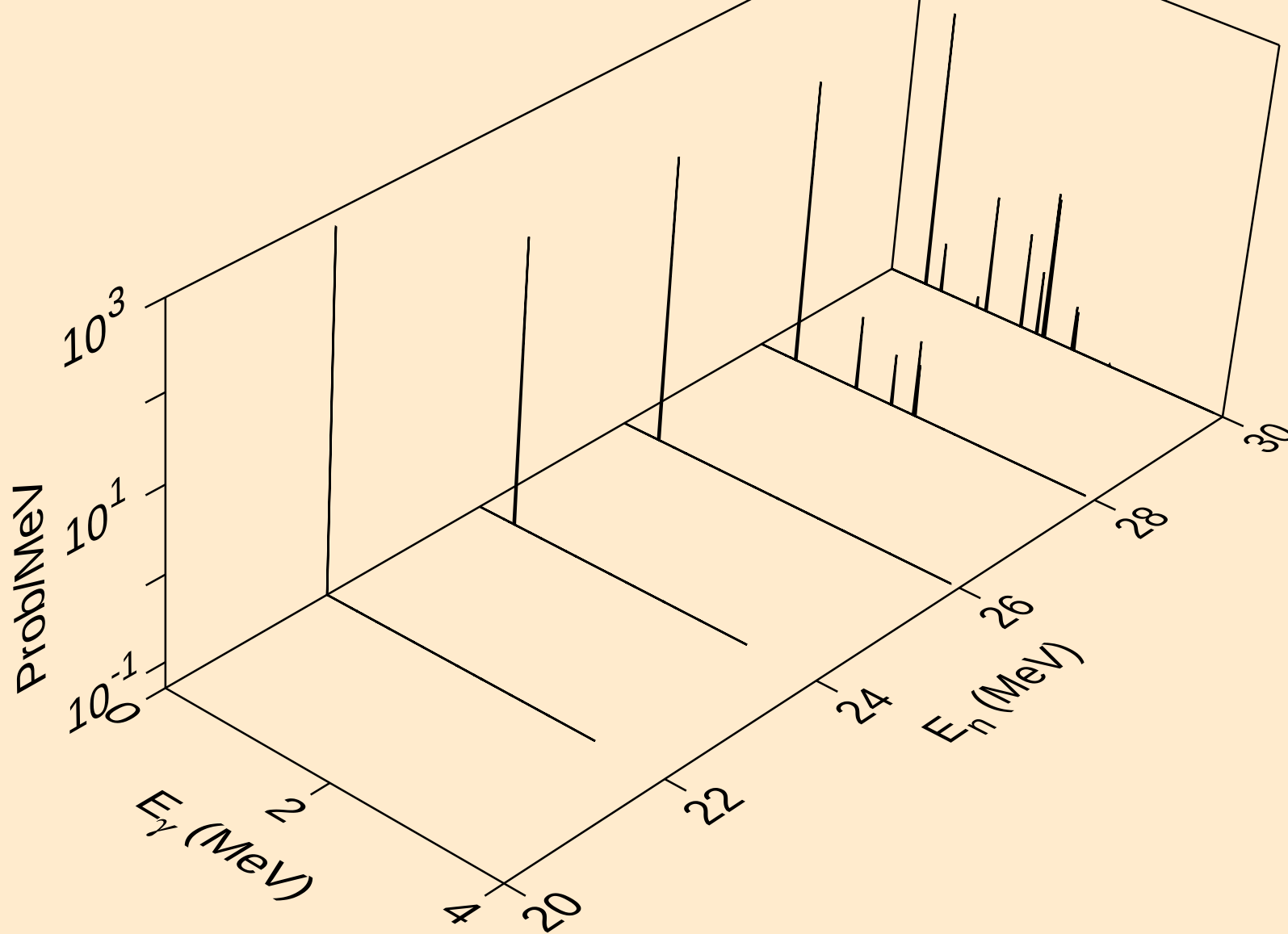


P037 ALPHA ACER TENDL-2021 LIBRARY; $T=0.K$
Photon emission for (n,2n) α



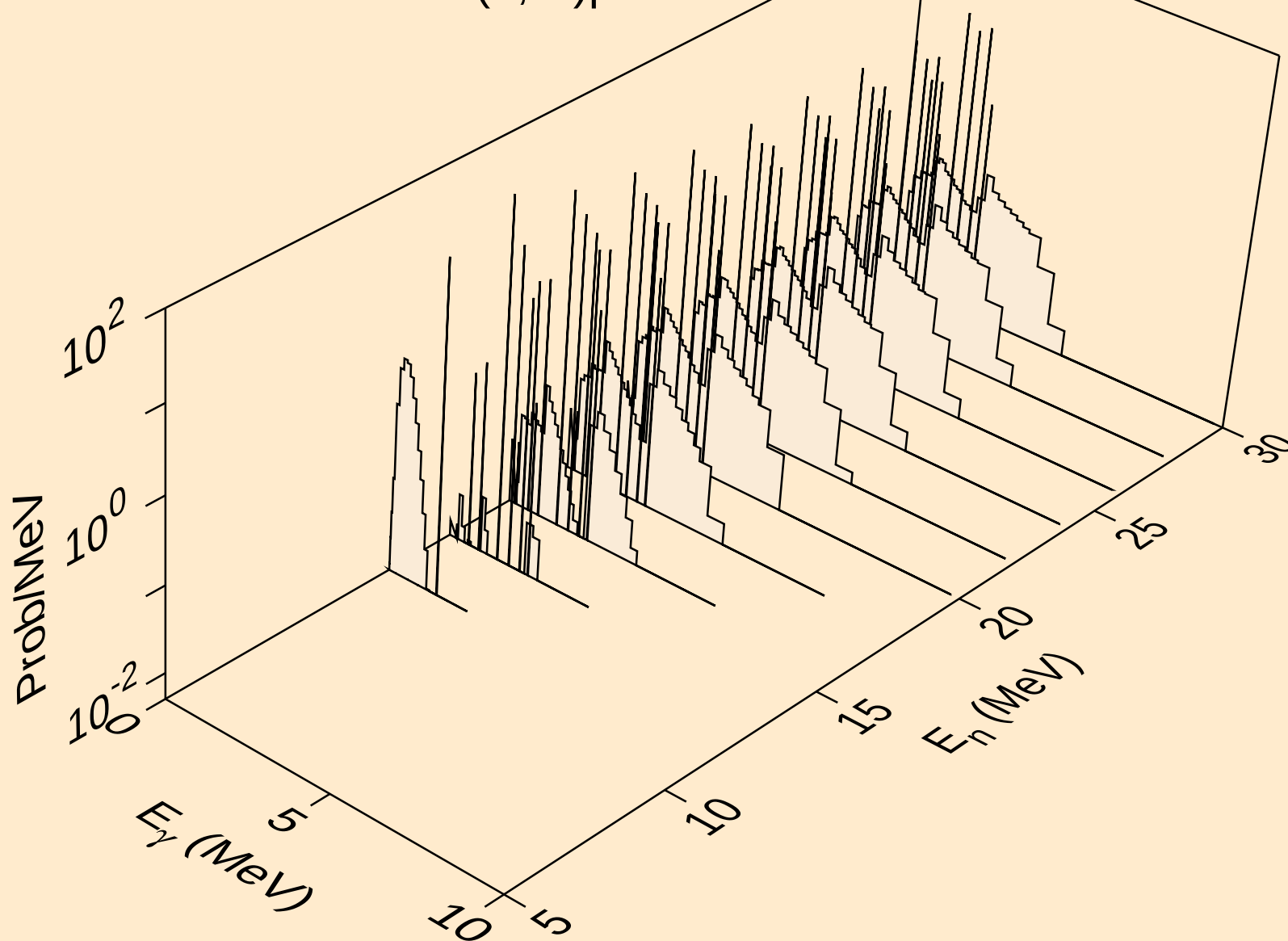
P037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,3n) α



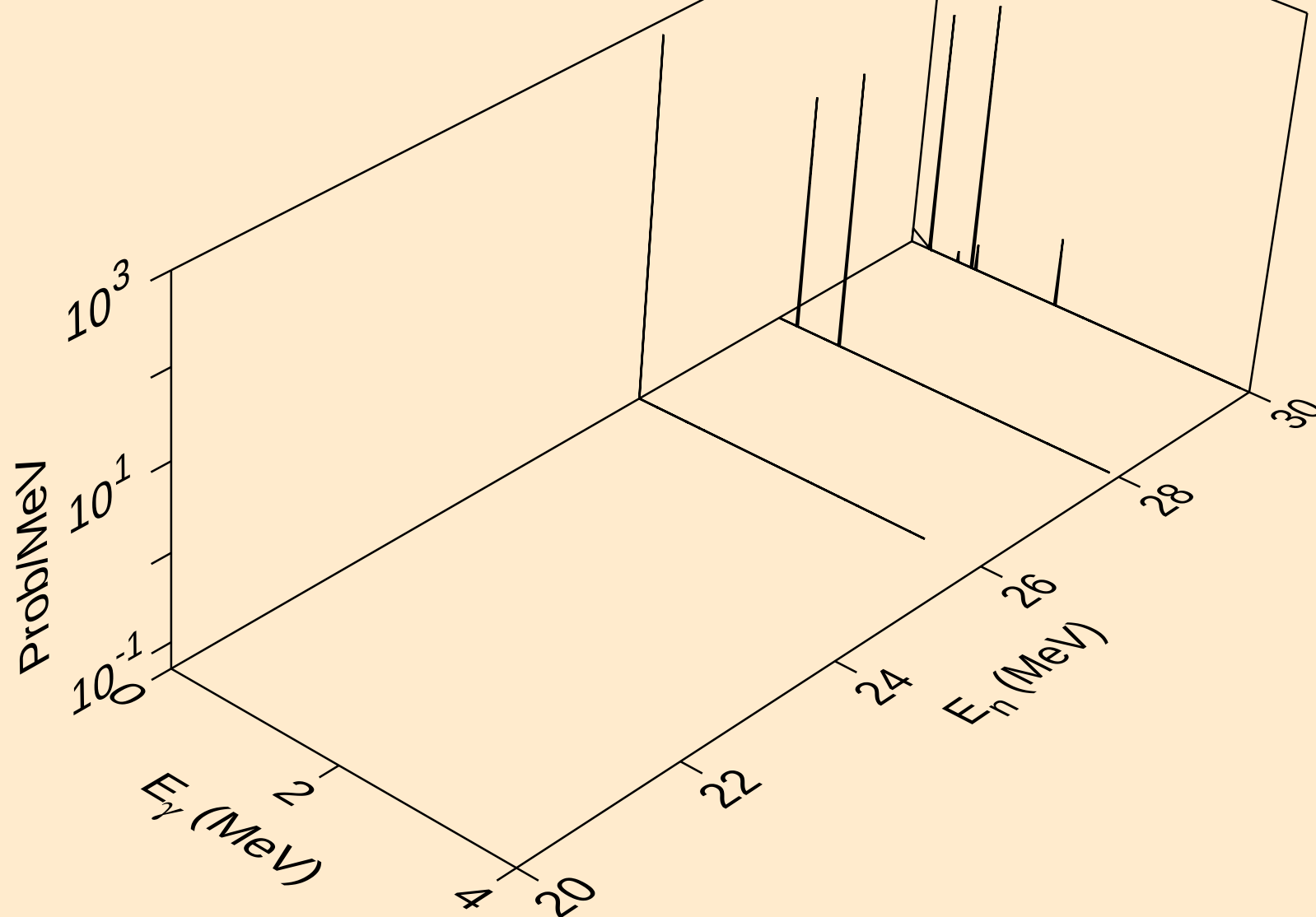
P037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,n*)p

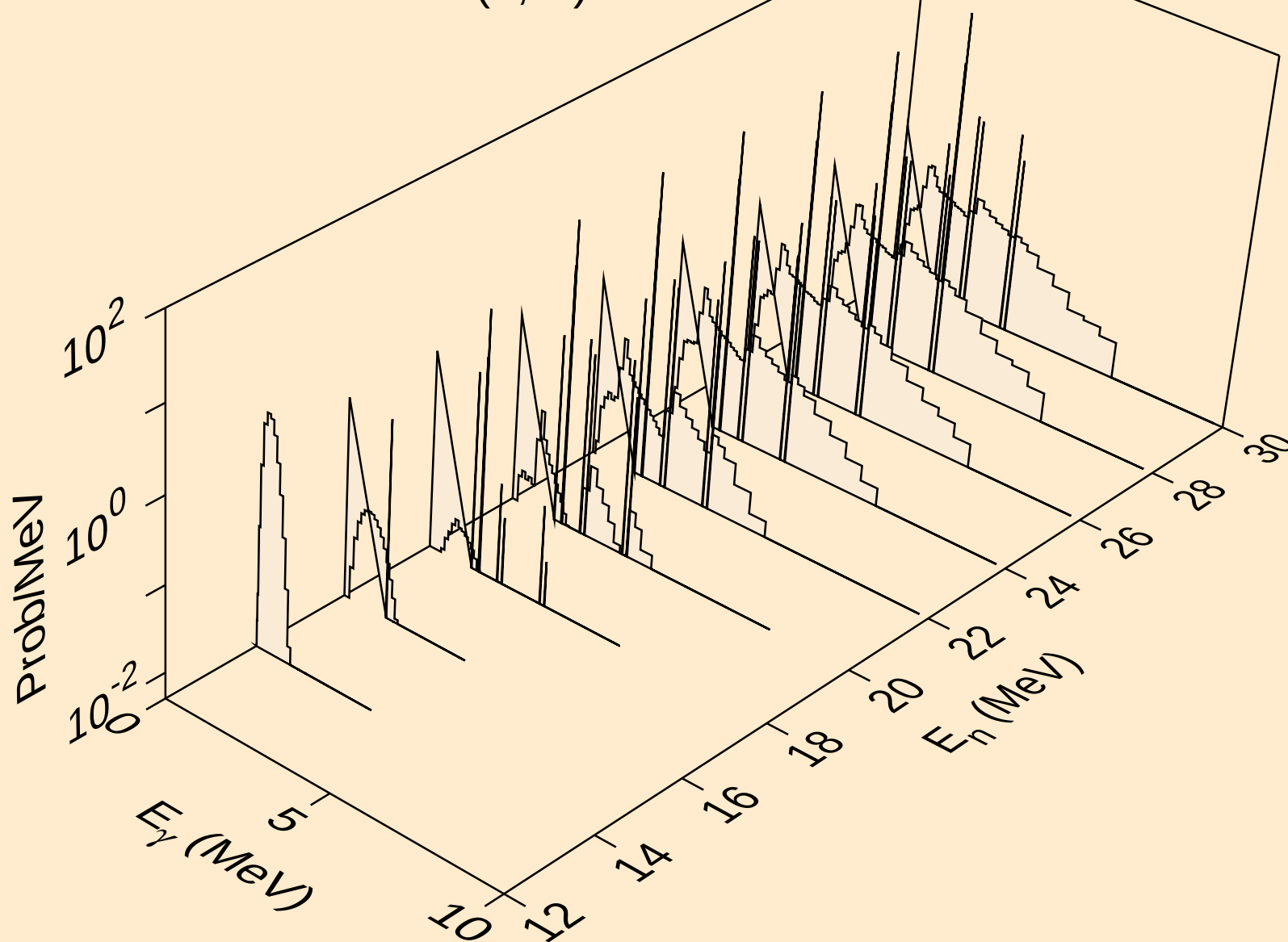


P037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,n*)2a

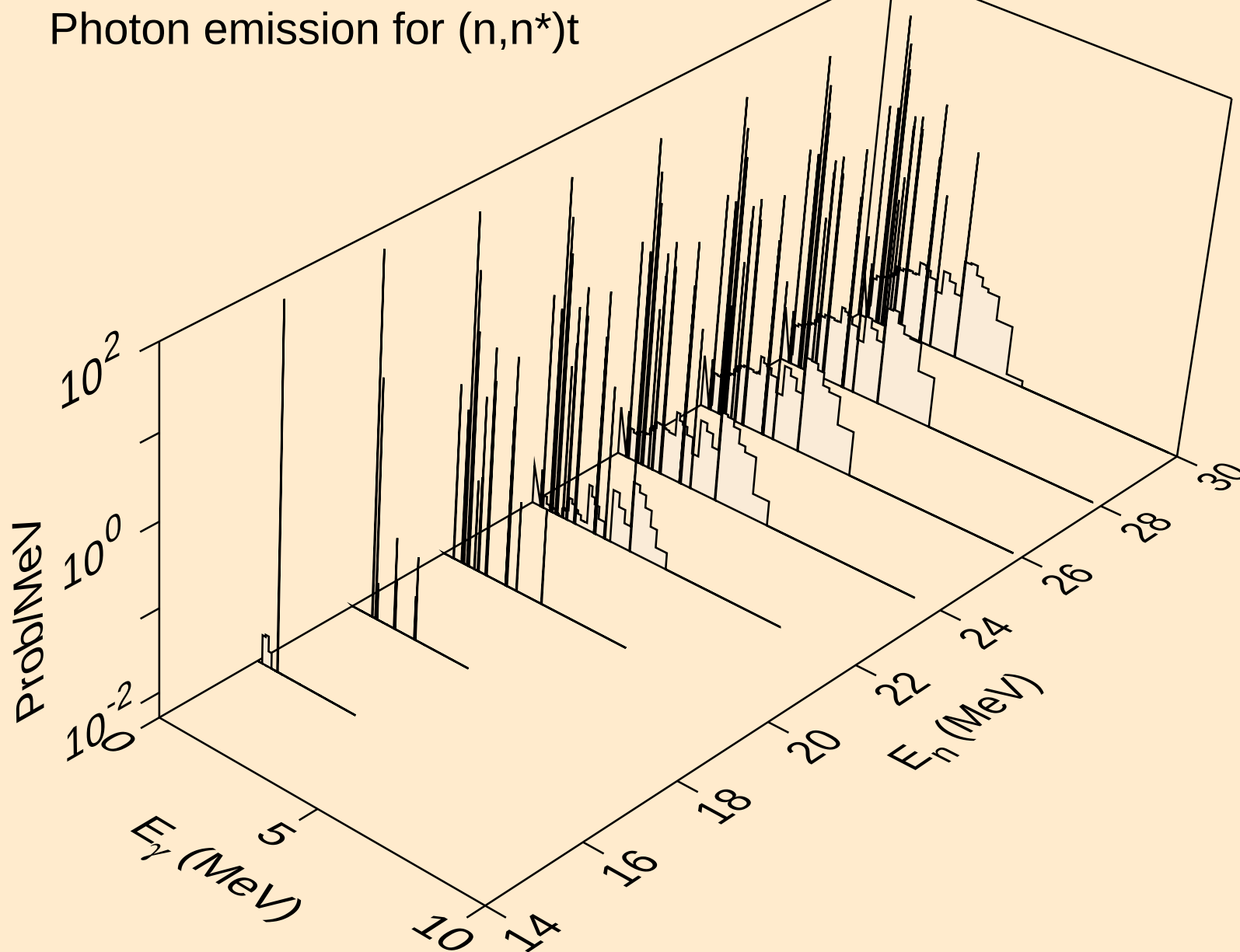


P037 ALPHA ACER TENDL-2021 LIBRARY; $T=0.K$
Photon emission for $(n,n^*)d$

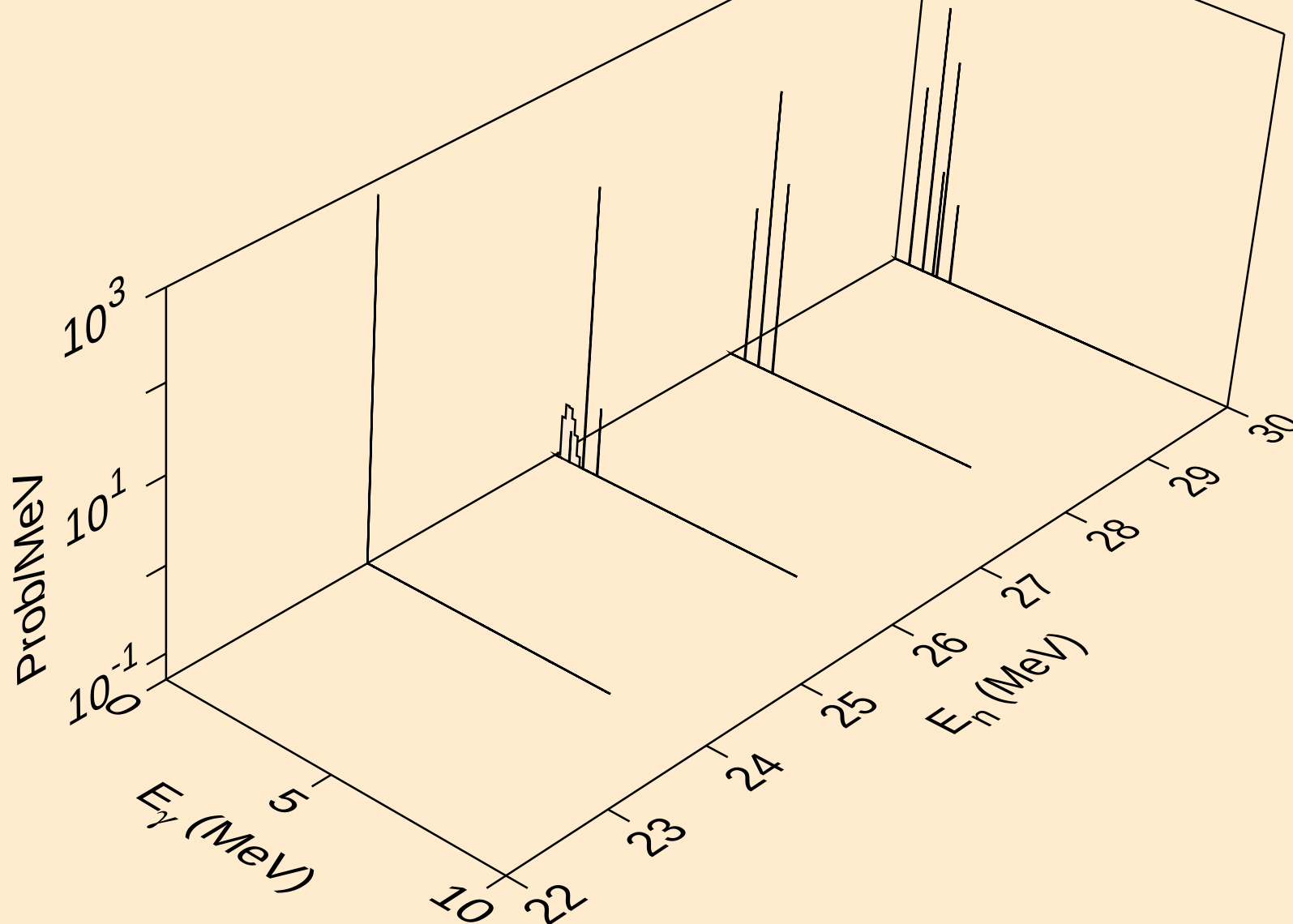


P037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

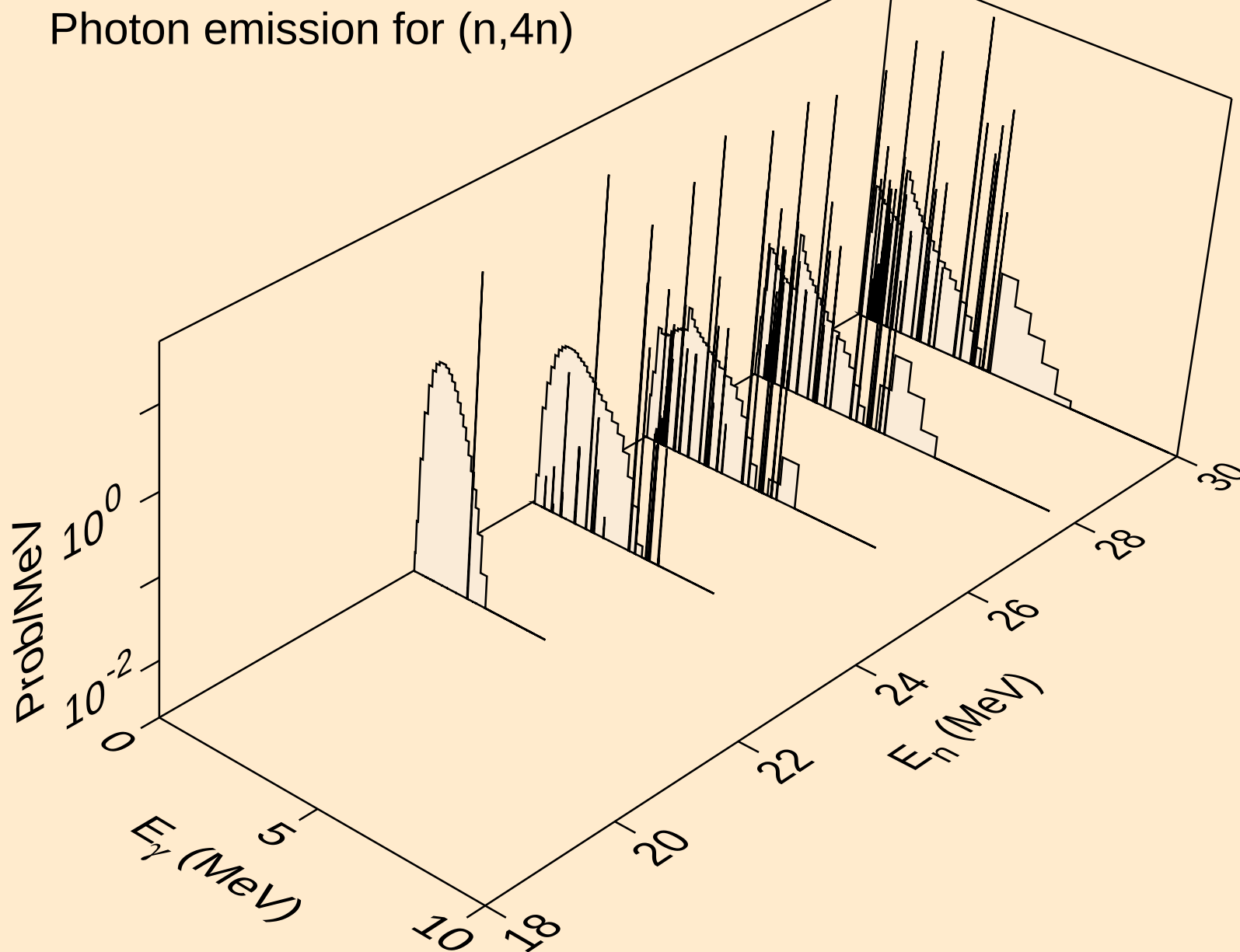
Photon emission for (n,n*)t



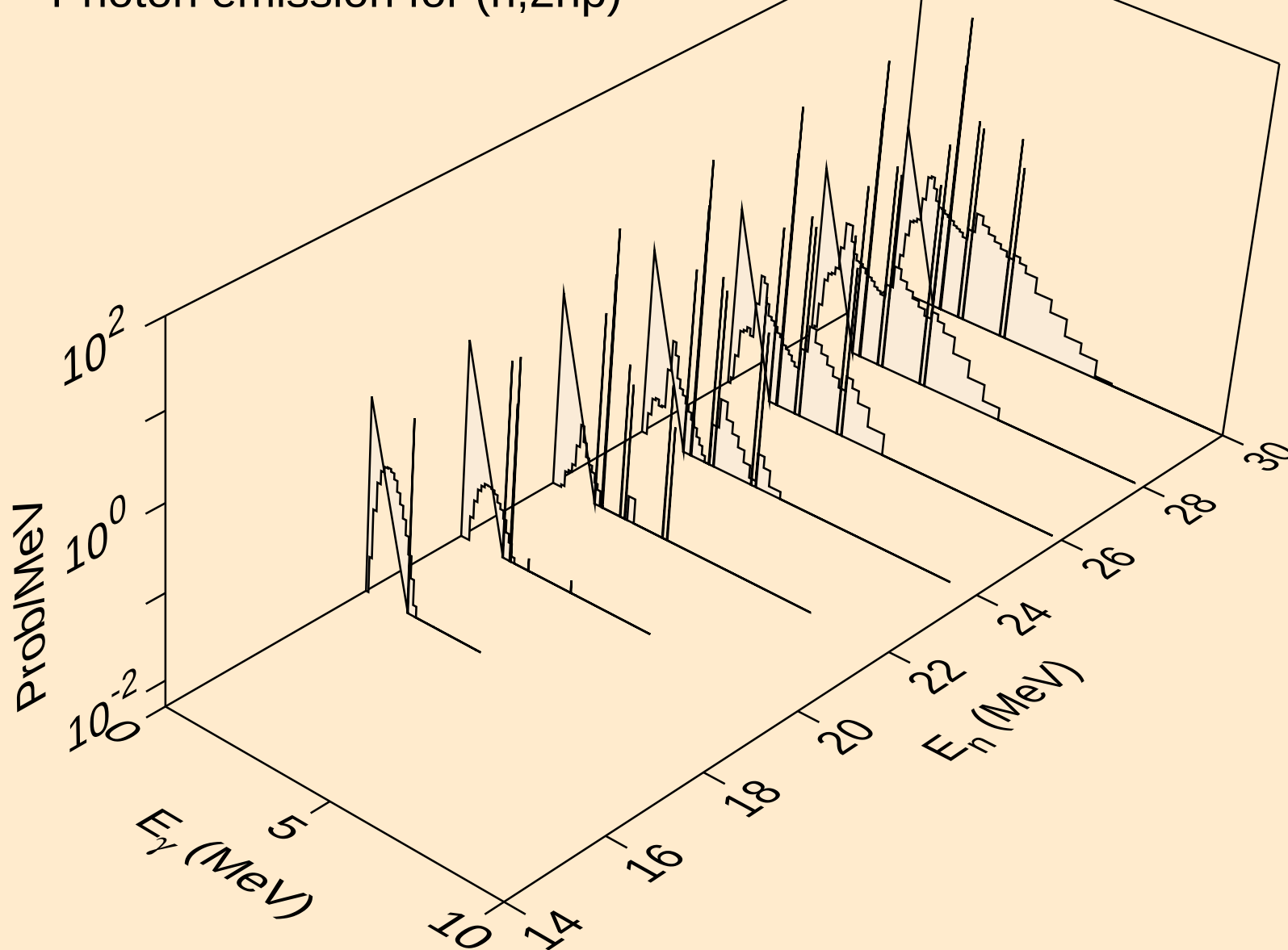
P037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,n*)he3



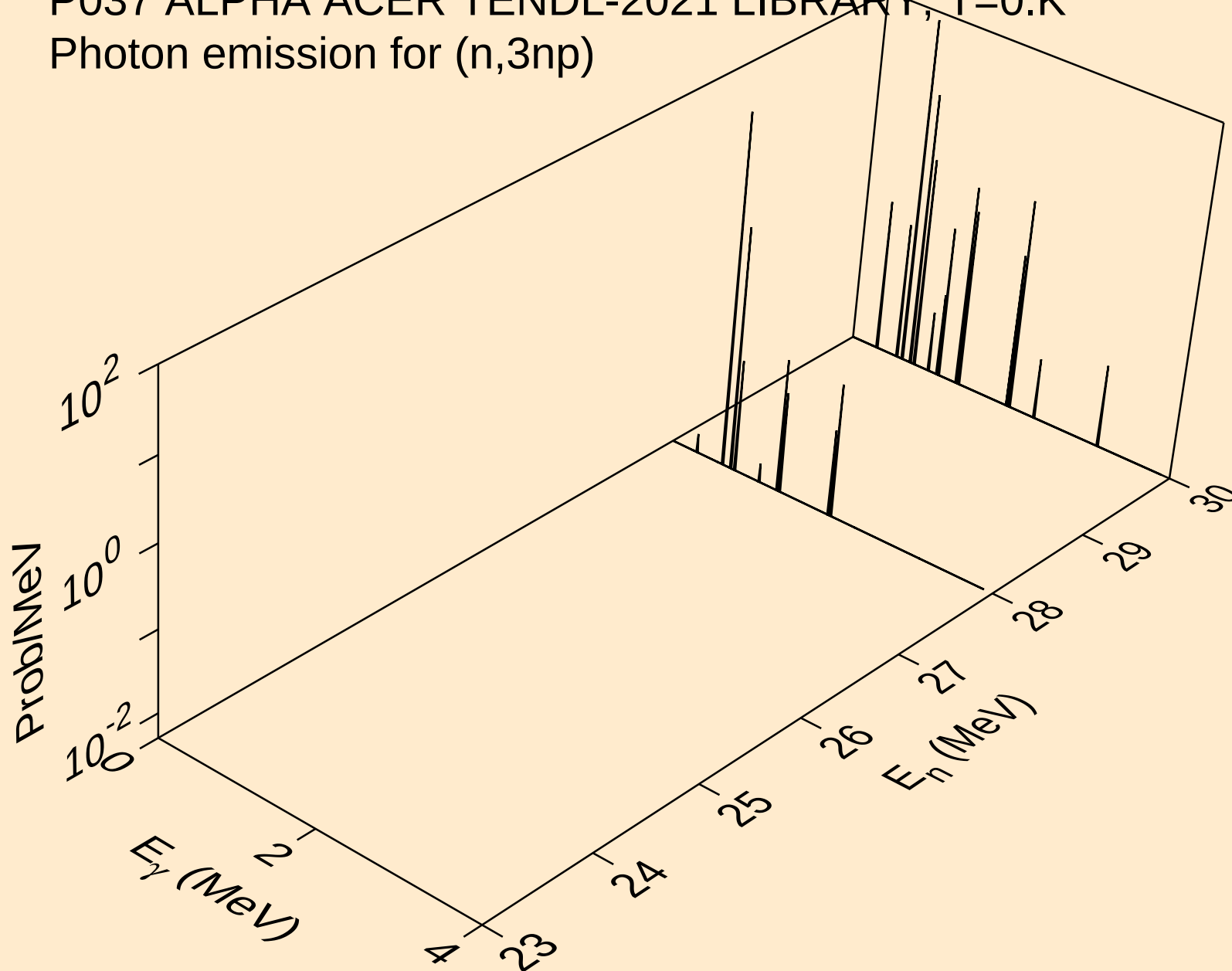
P037 ALPHA ACER TENDL-2021 LIBRARY; $T=0.K$
Photon emission for (n,4n)



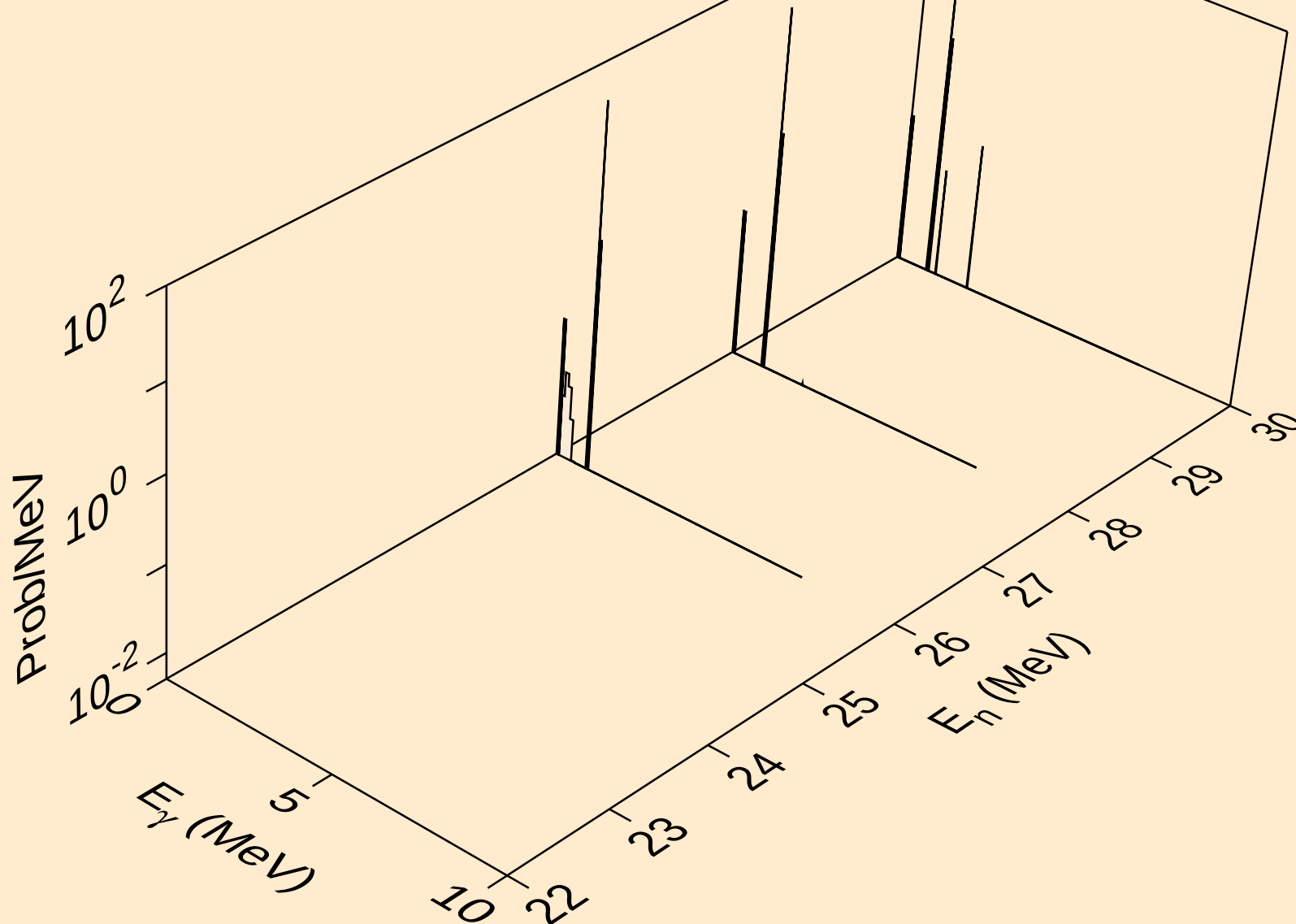
P037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2np)



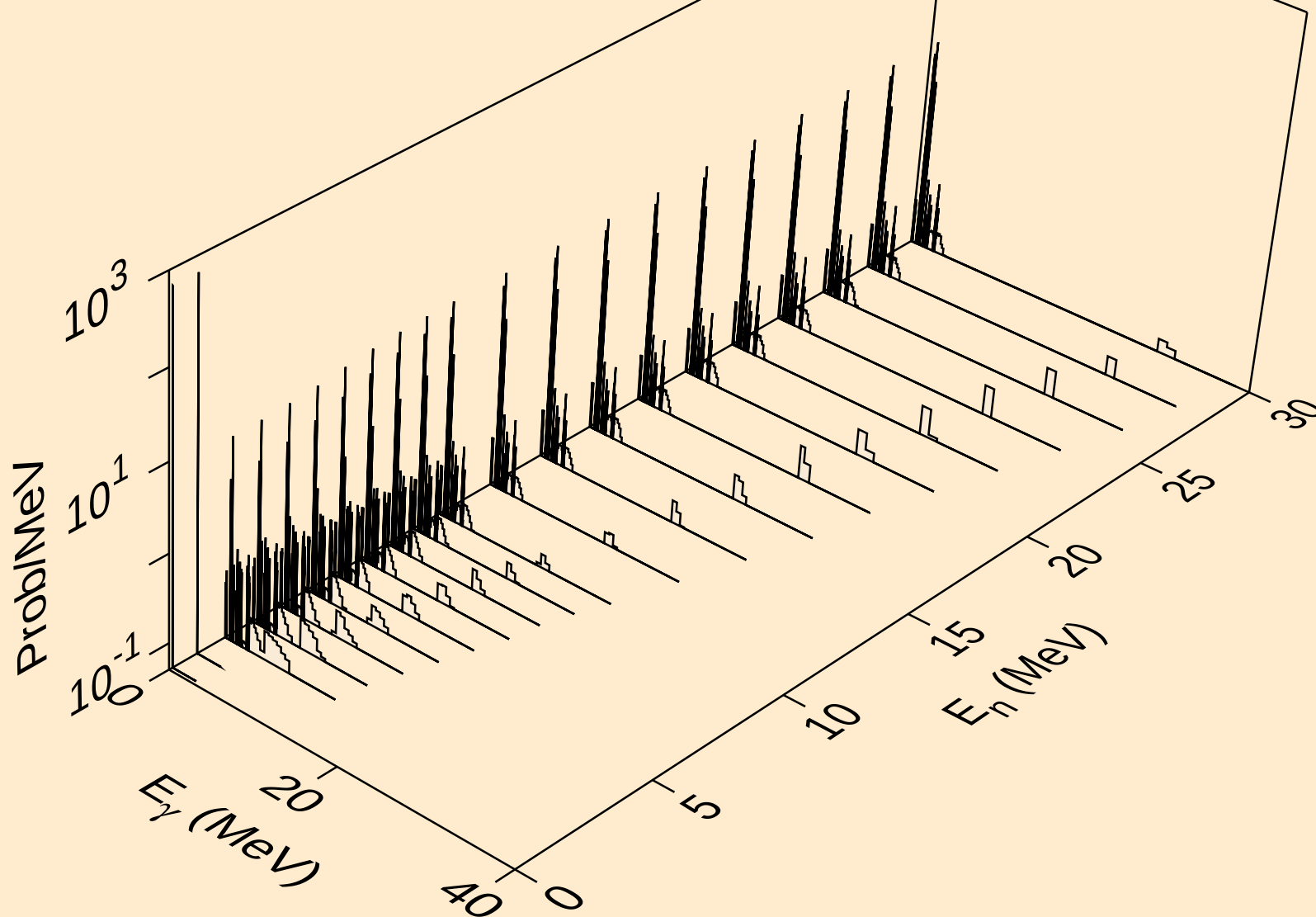
P037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,3np)



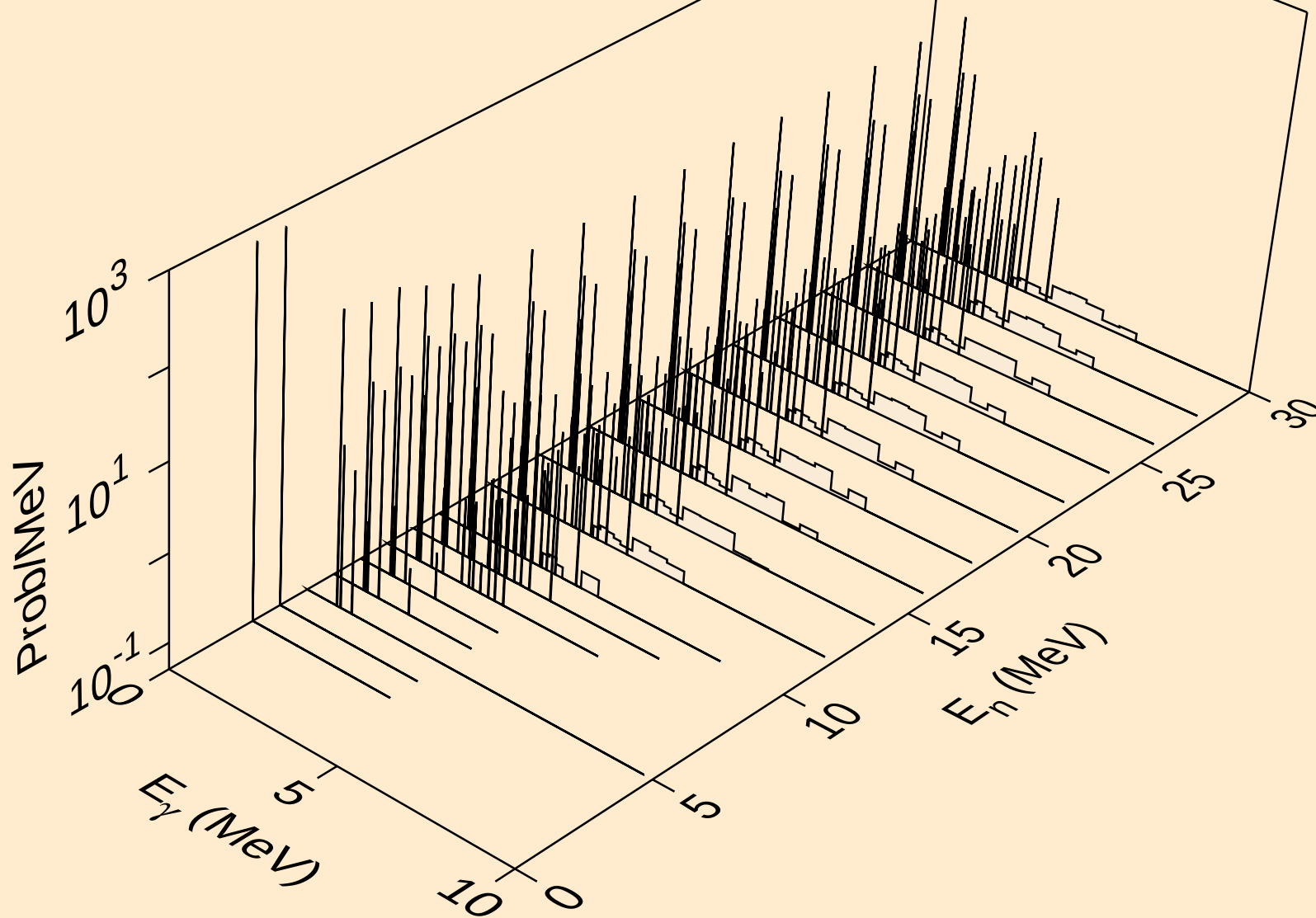
P037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,npa)



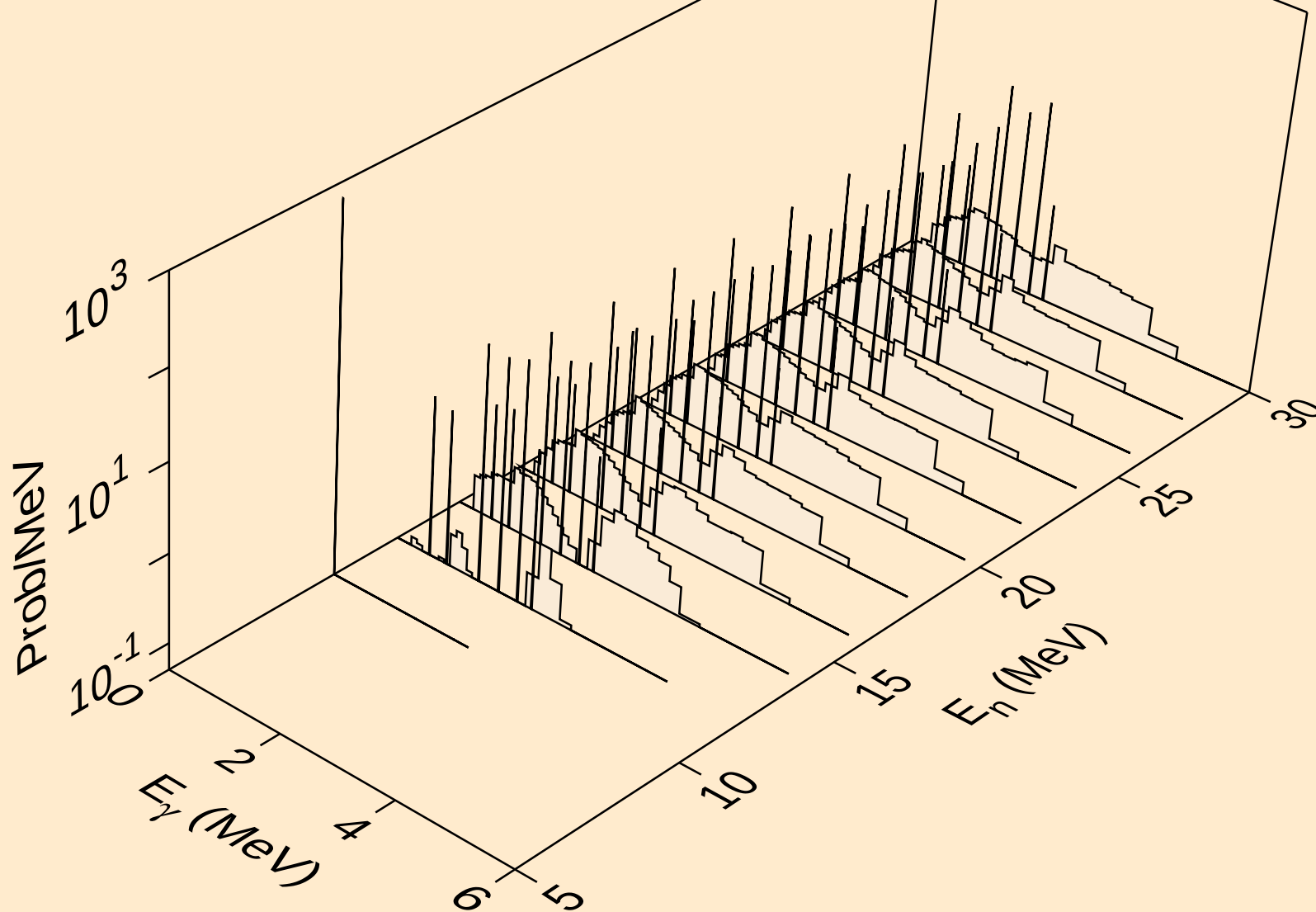
P037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,gma)



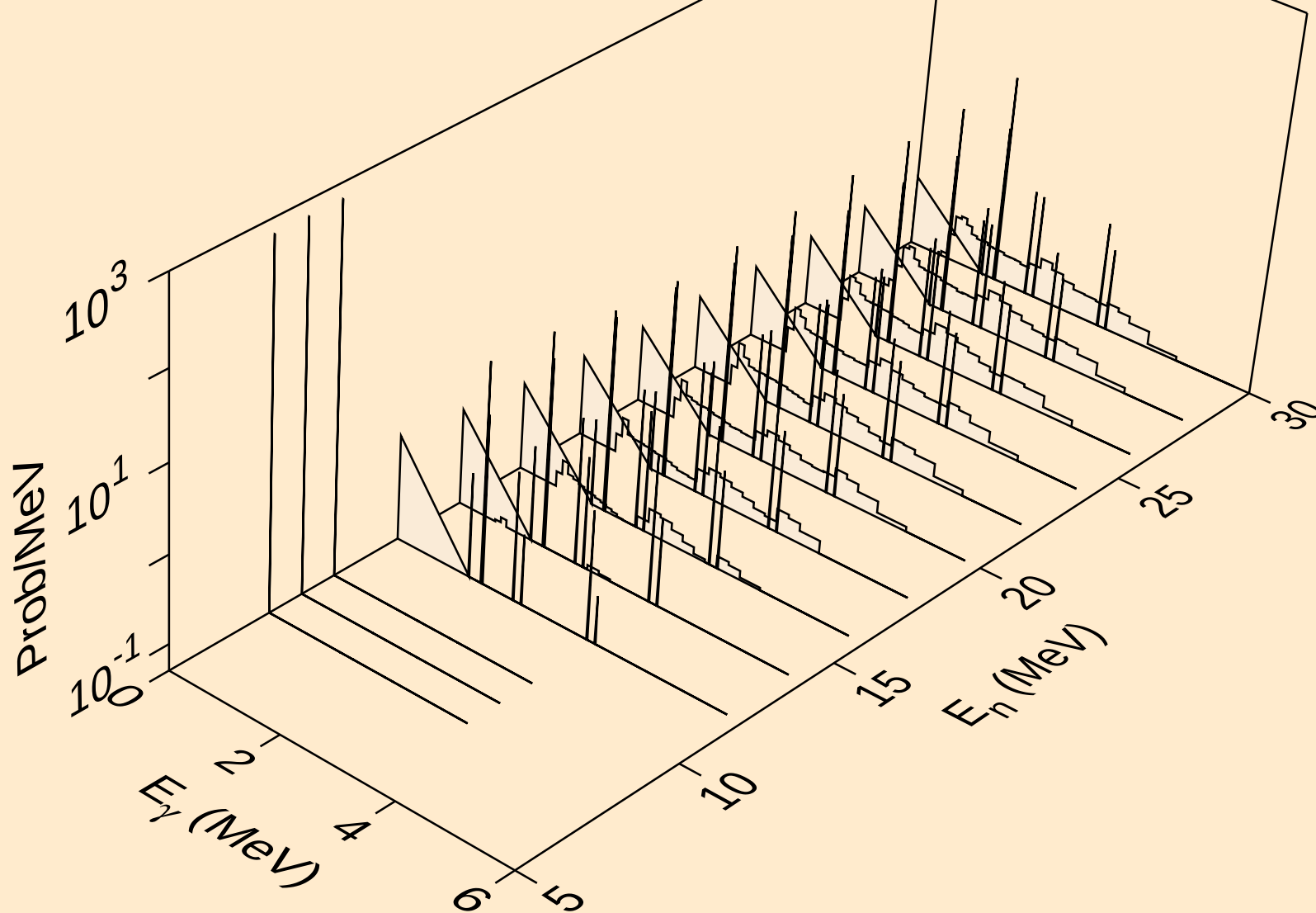
P037 ALPHA ACER TENDL-2021 LIBRARY; $T=0.K$
Photon emission for (n,p)



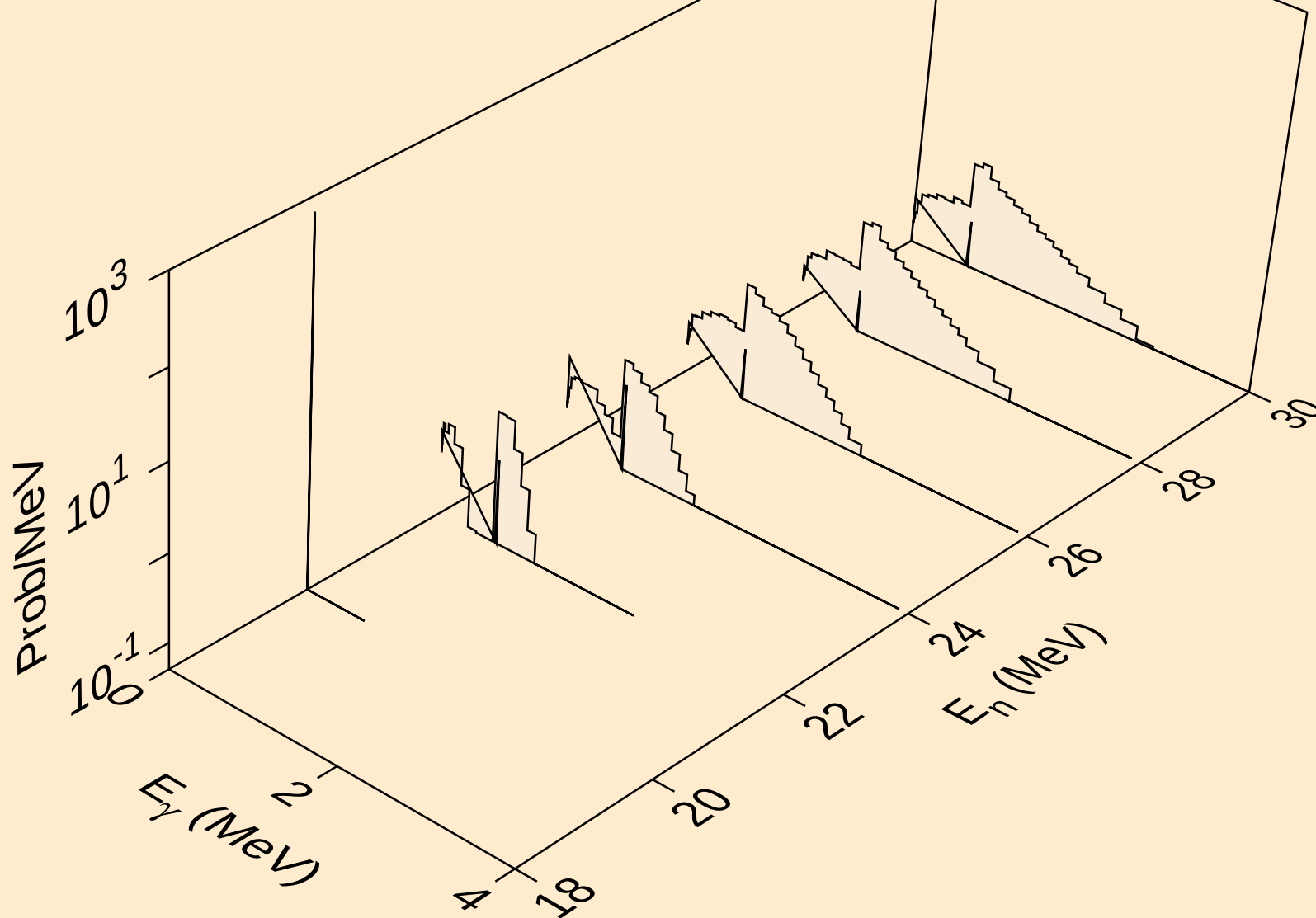
P037 ALPHA ACER TENDL-2021 LIBRARY; $T=0.K$
Photon emission for (n,d)



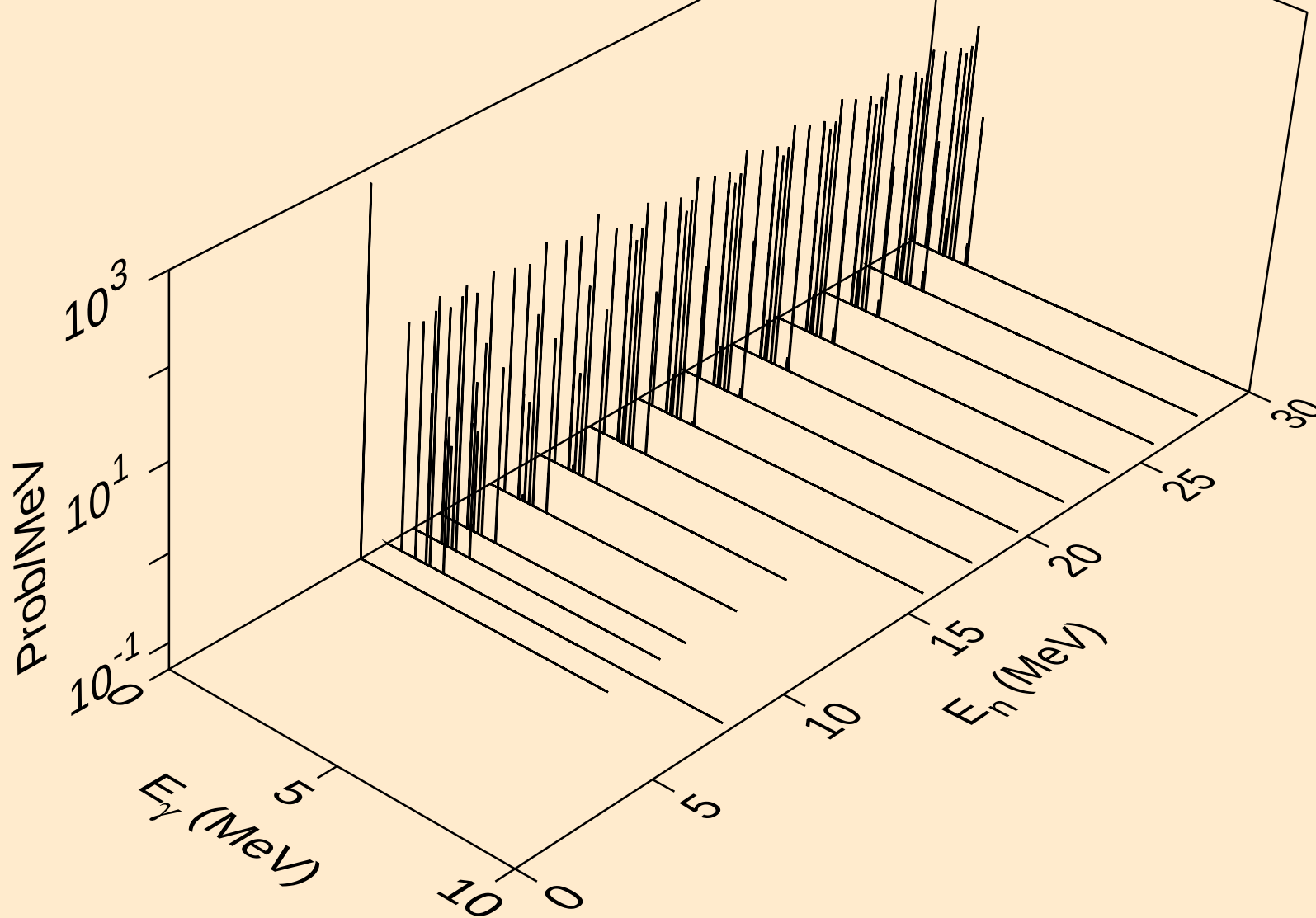
P037 ALPHA ACER TENDL-2021 LIBRARY; $T=0.K$
Photon emission for (n,t)



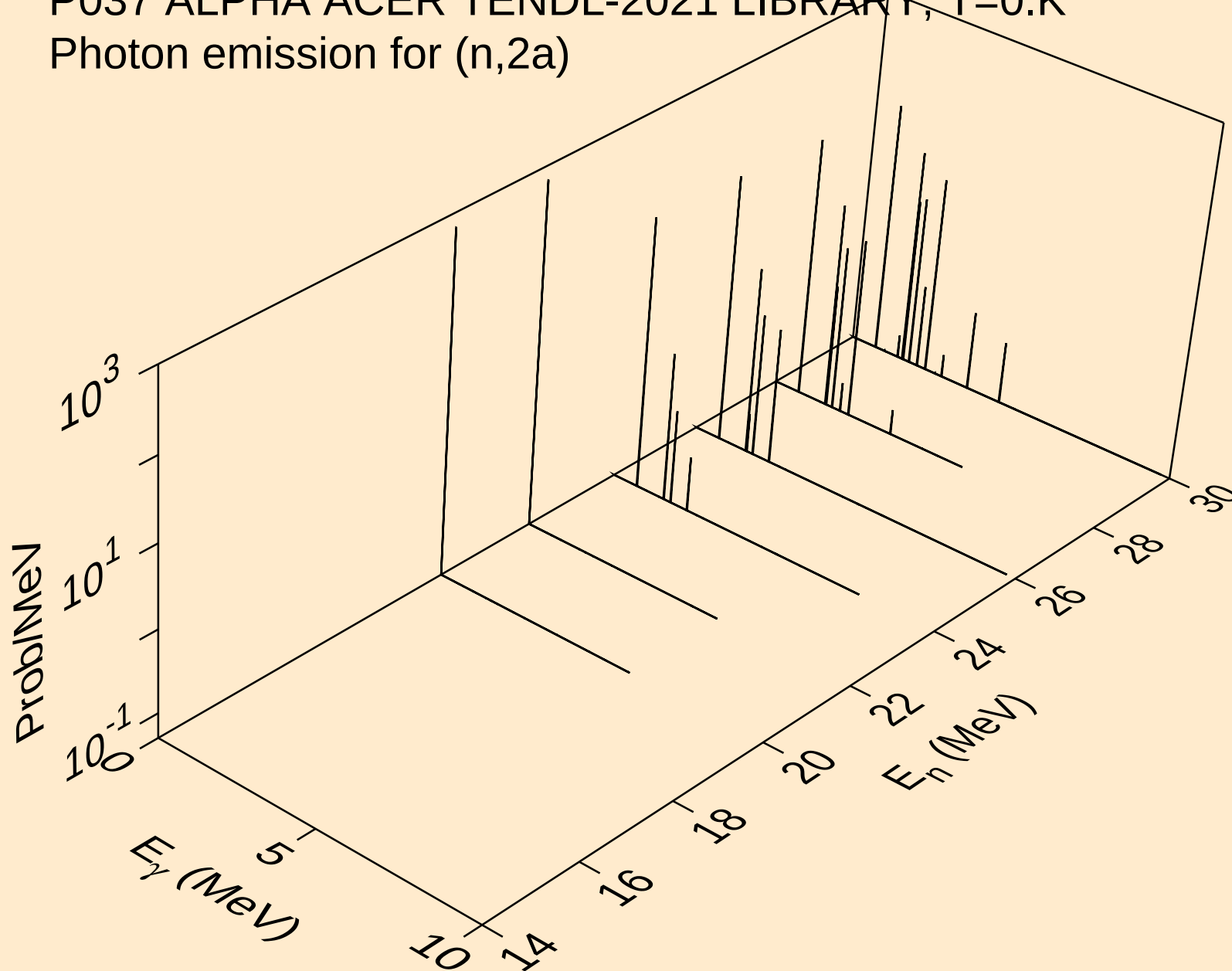
P037 ALPHA ACER TENDL-2021 LIBRARY; $T=0.K$
Photon emission for (n,he3)



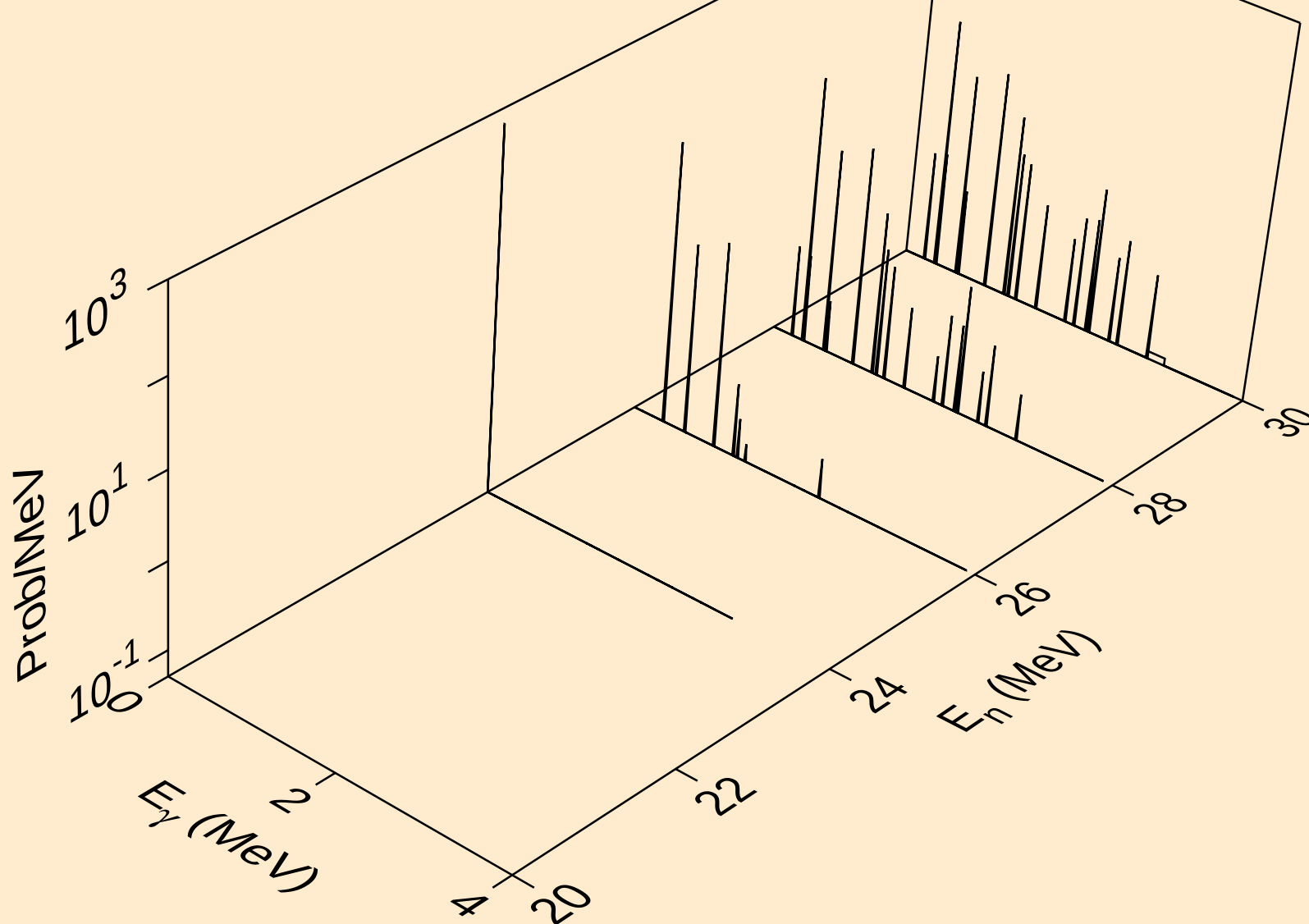
P037 ALPHA ACER TENDL-2021 LIBRARY; $T=0.K$
Photon emission for inelastic



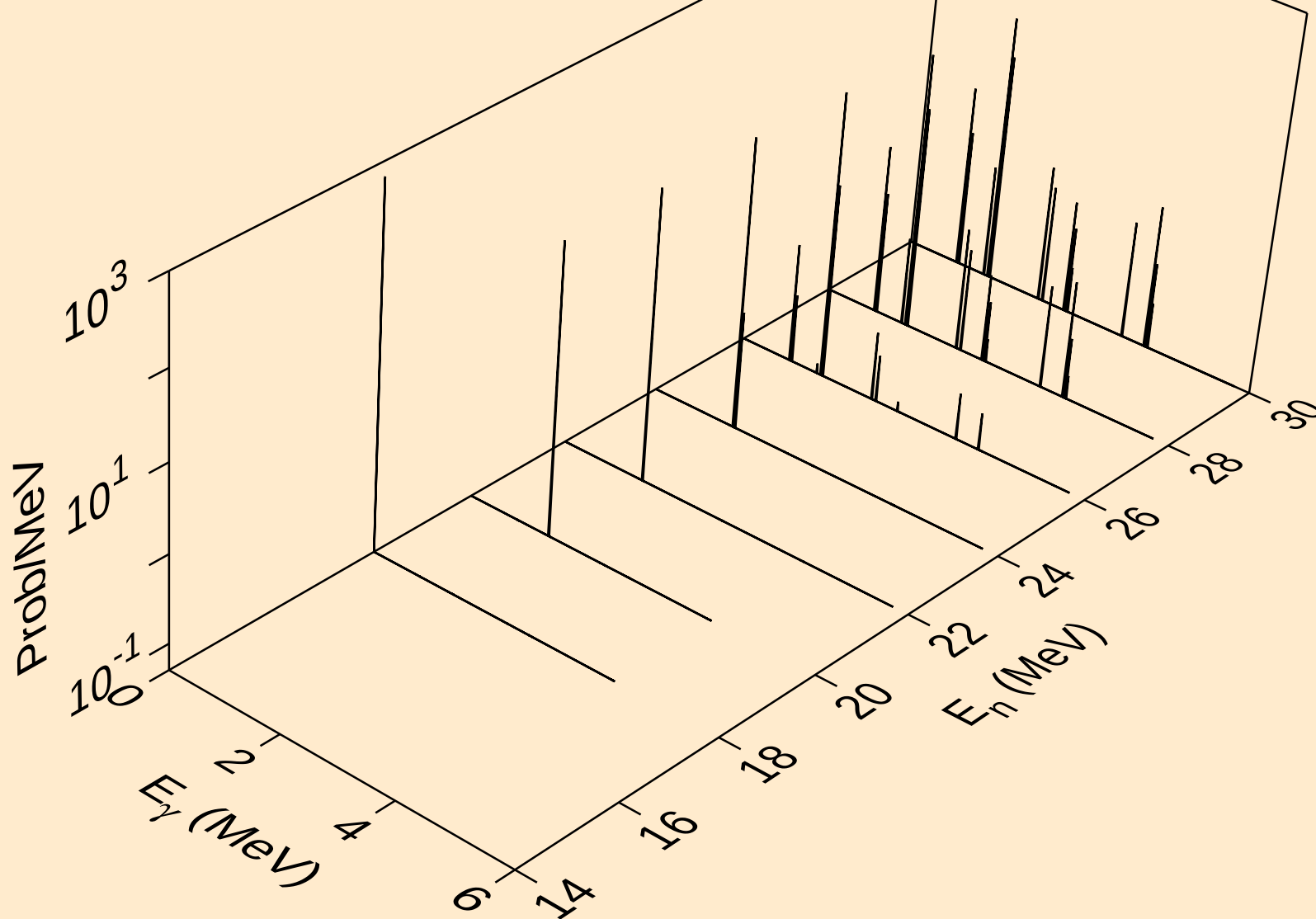
P037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2a)



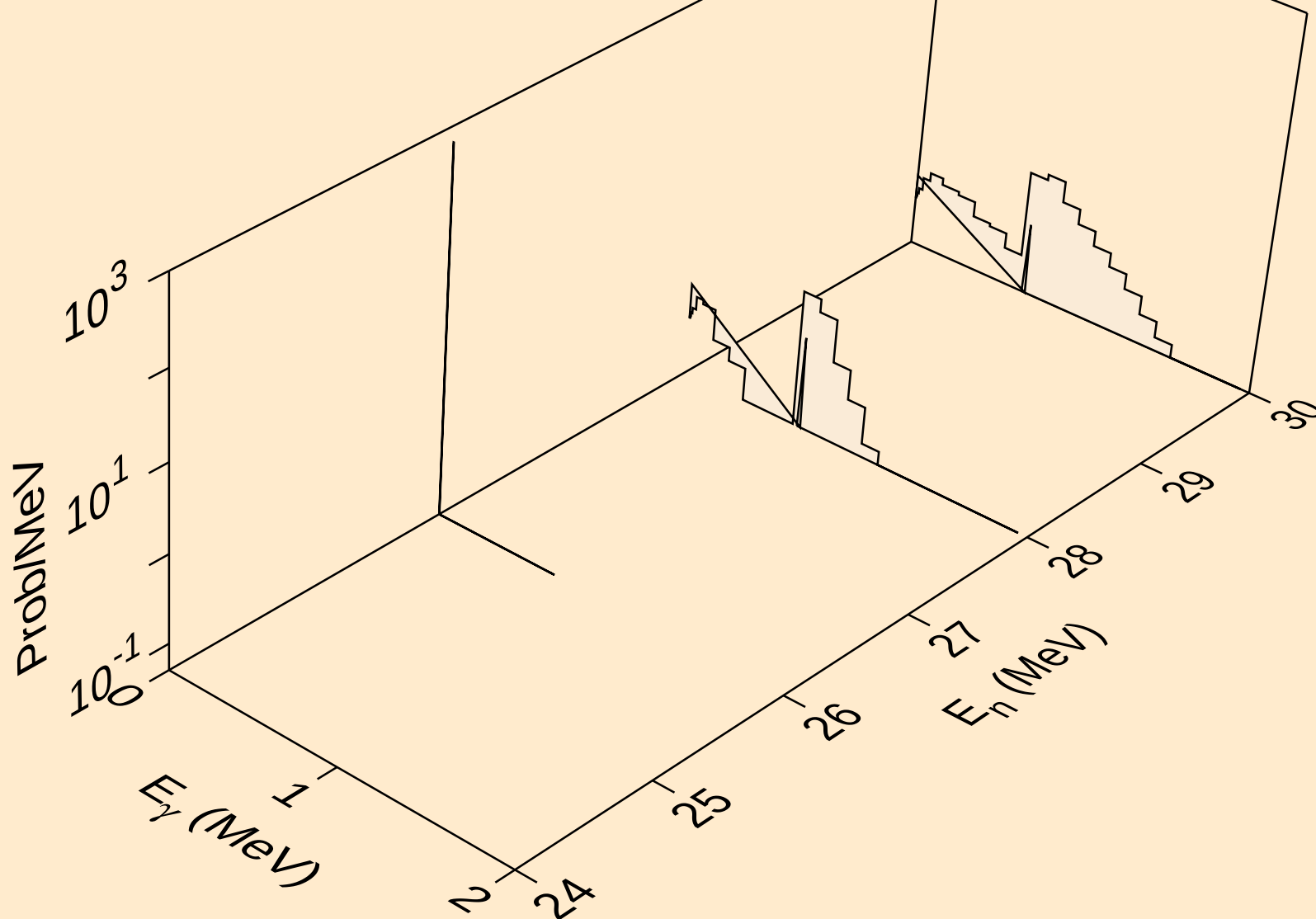
P037 ALPHA ACER TENDL-2021 LIBRARY; $T=0.K$
Photon emission for (n,2p)



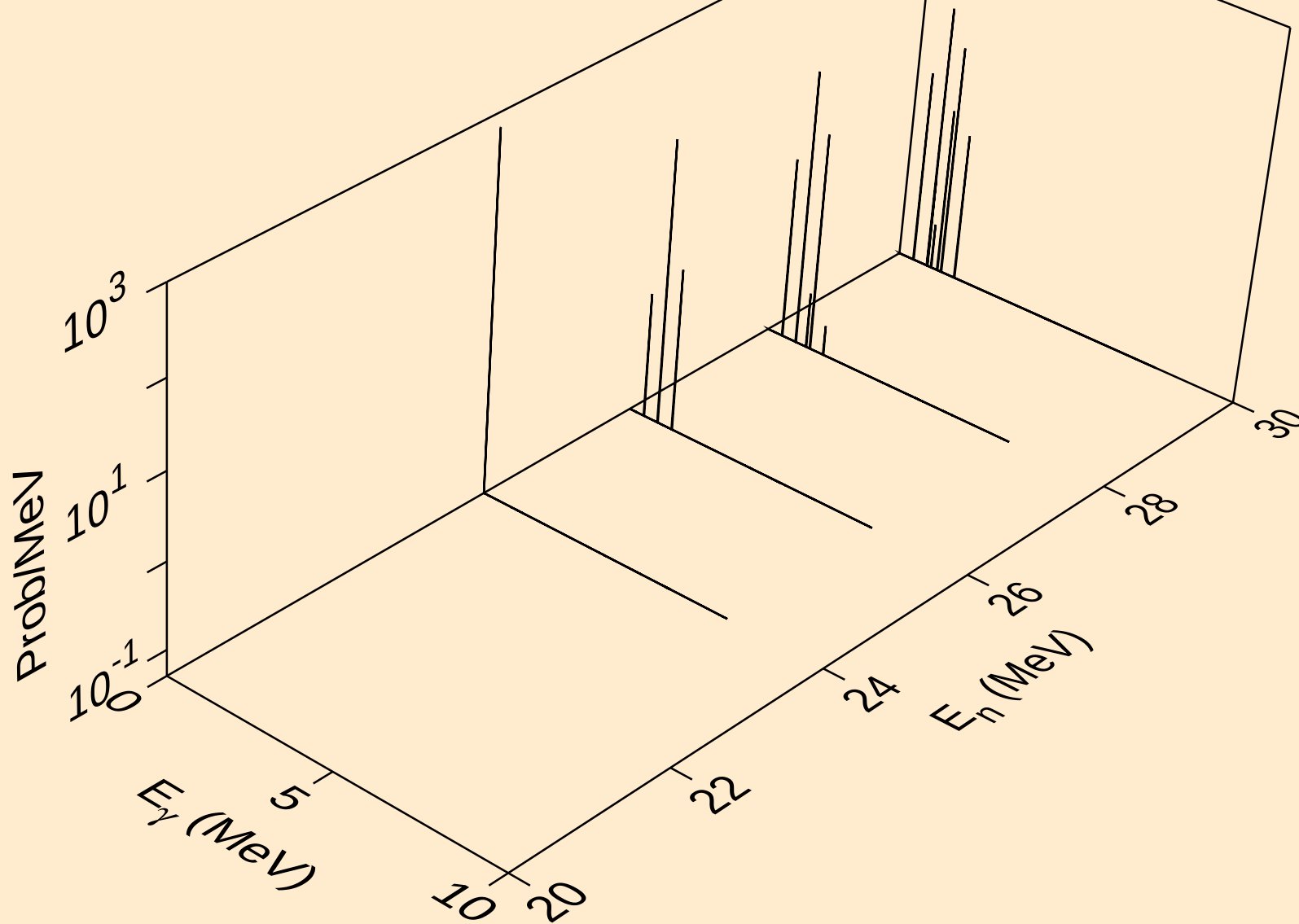
P037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,pa)



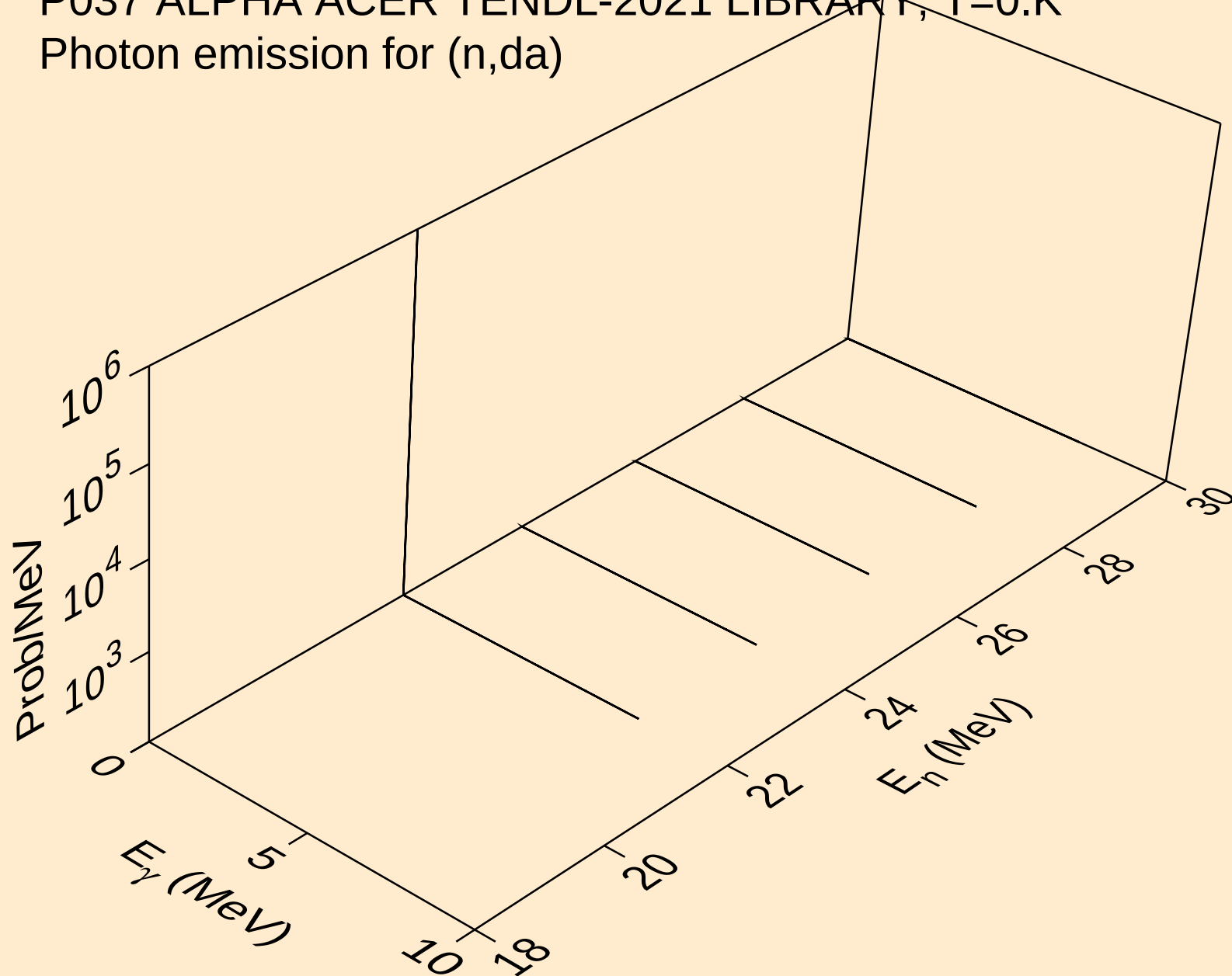
P037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,pd)



P037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,pt)

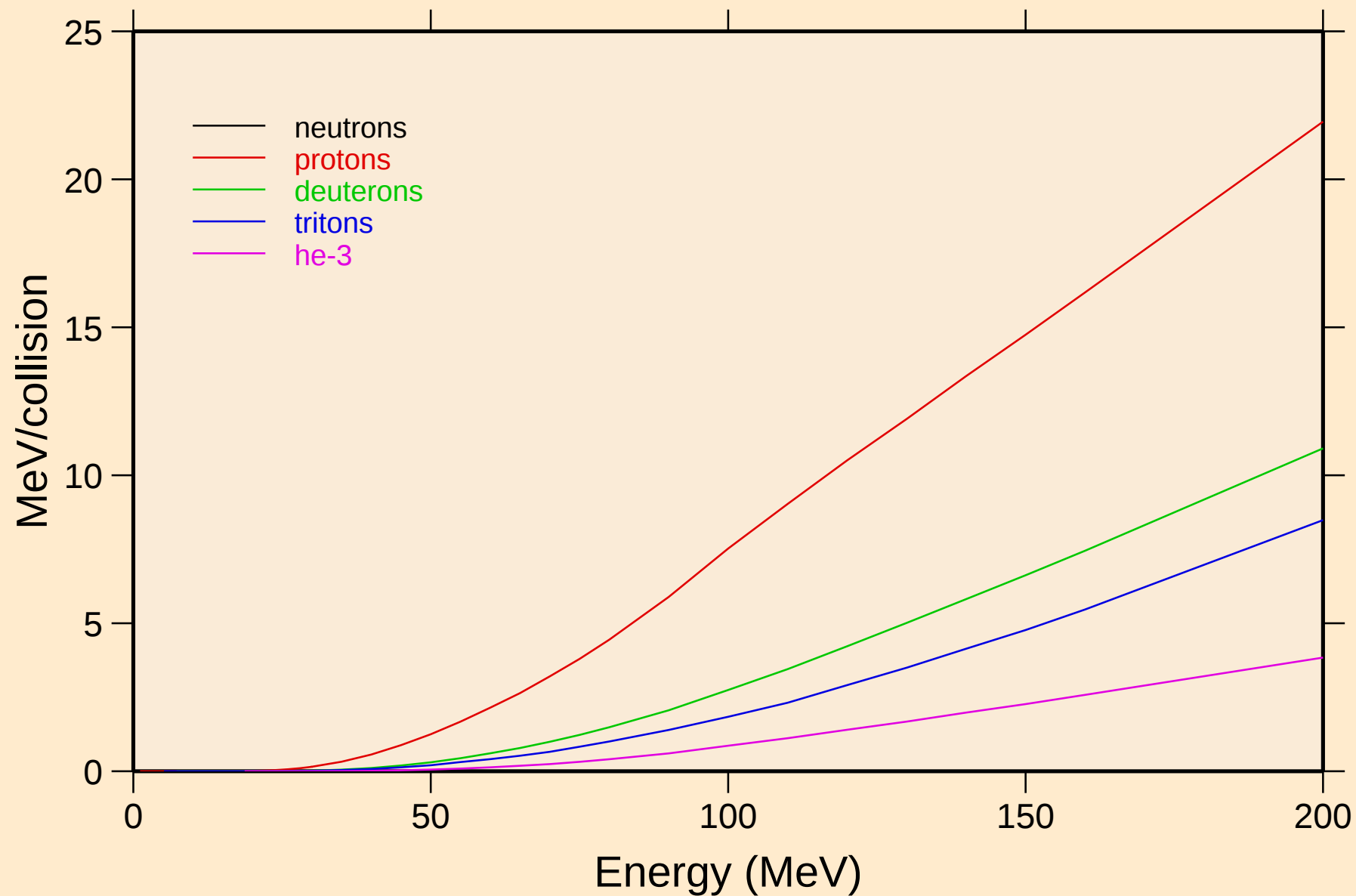


P037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,da)



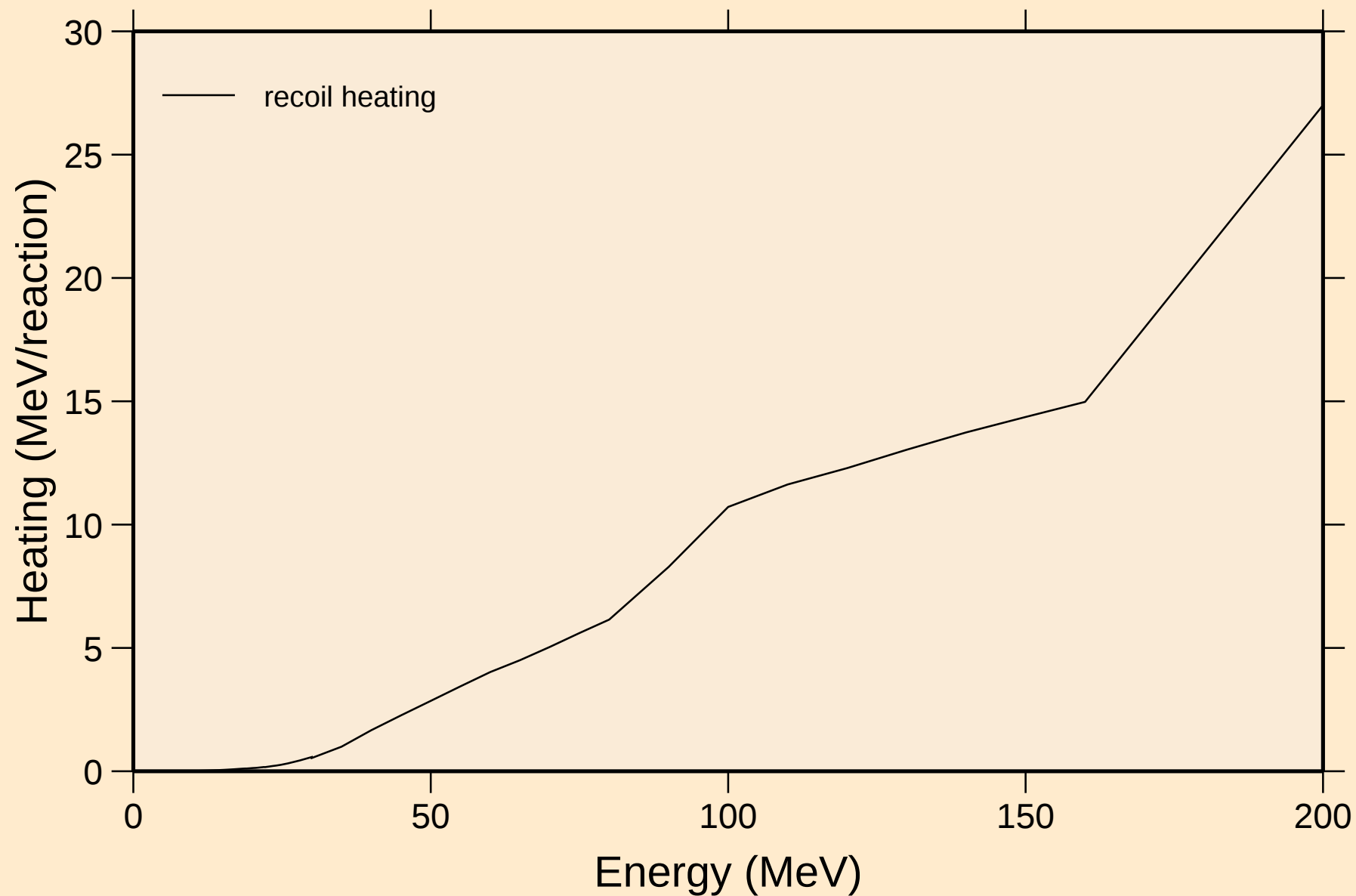
P037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Particle heating contributions



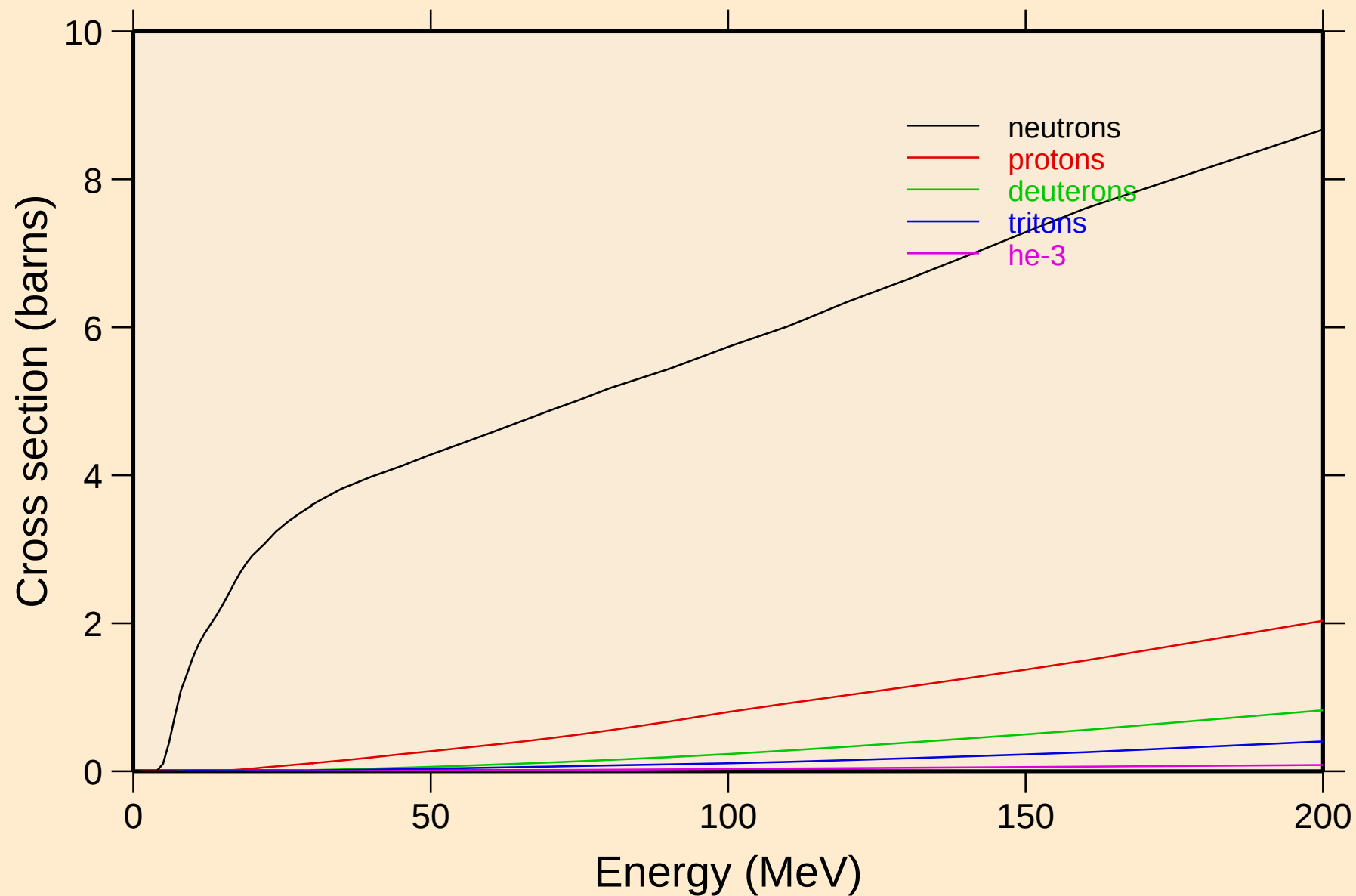
P037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Recoil Heating

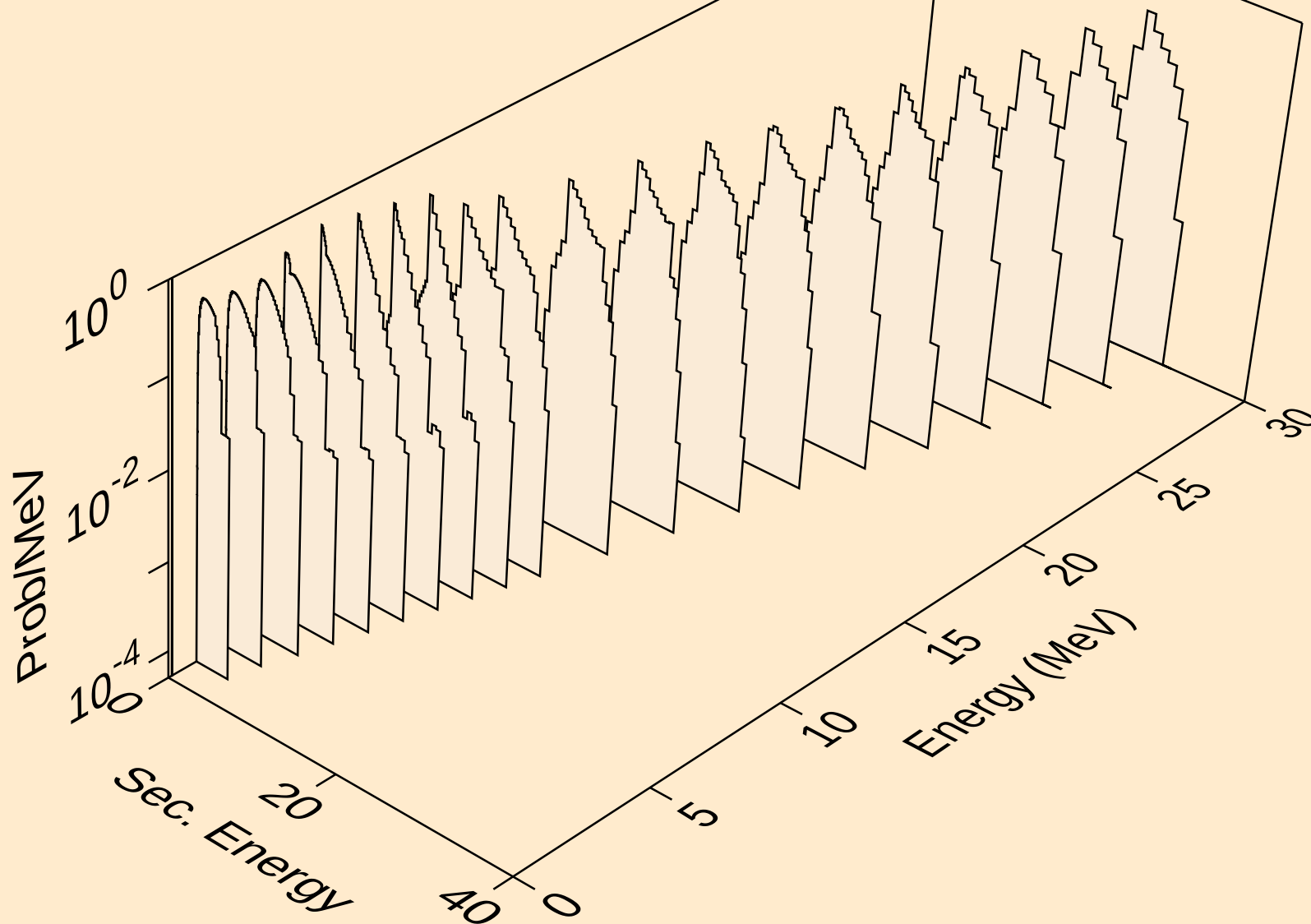


P037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

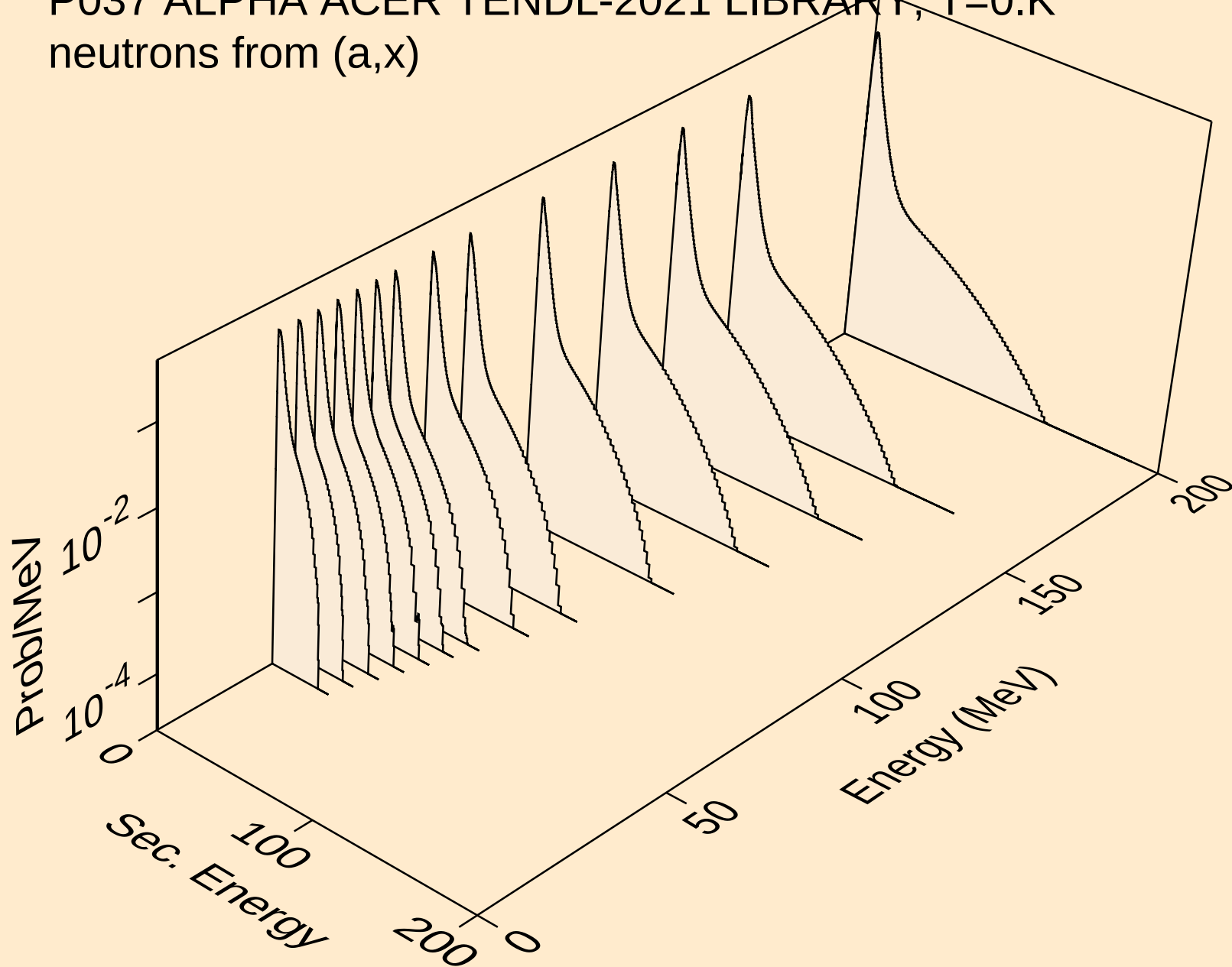
Particle production cross sections



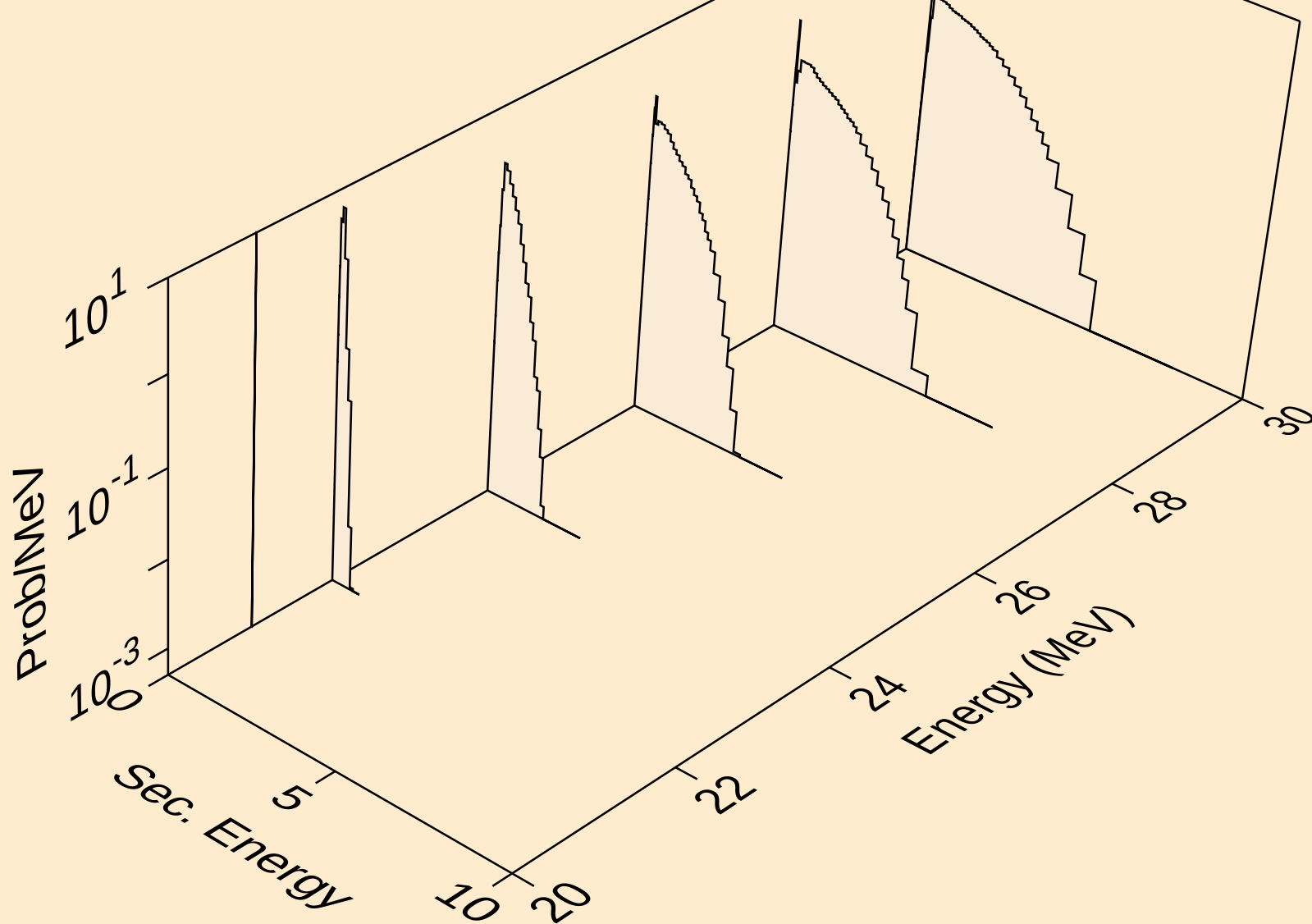
P037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,n)



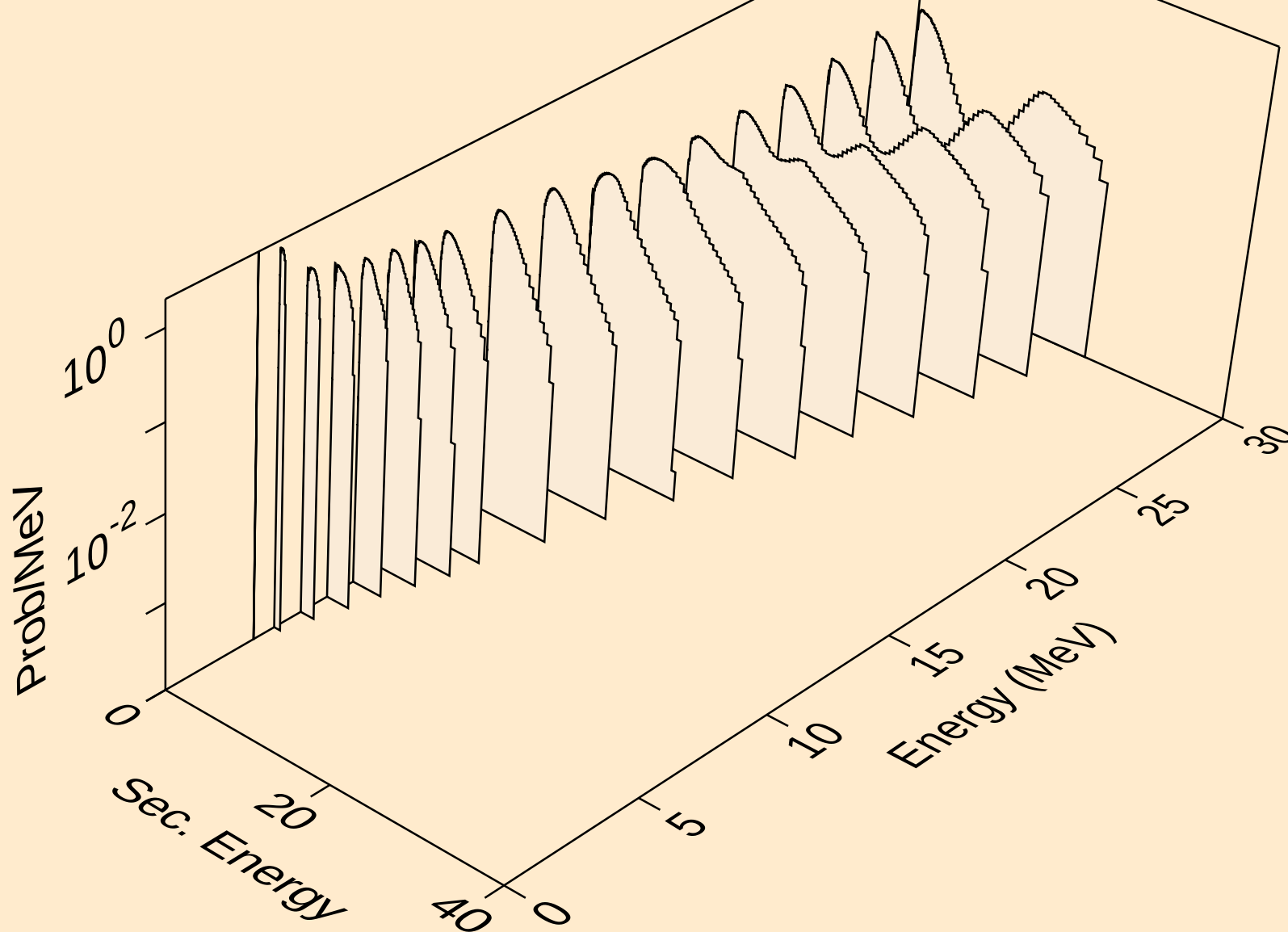
P037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,x)



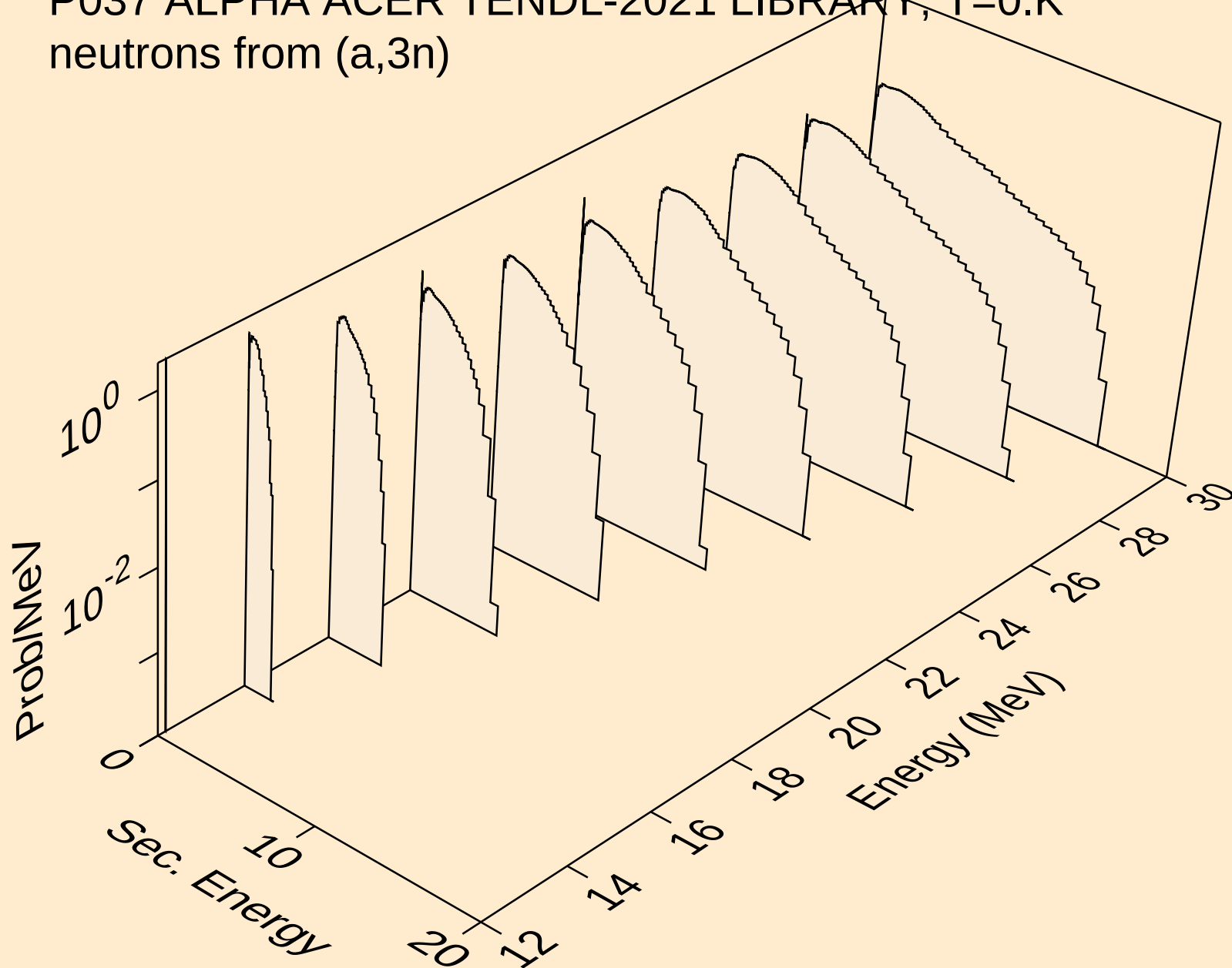
P037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,2nd)



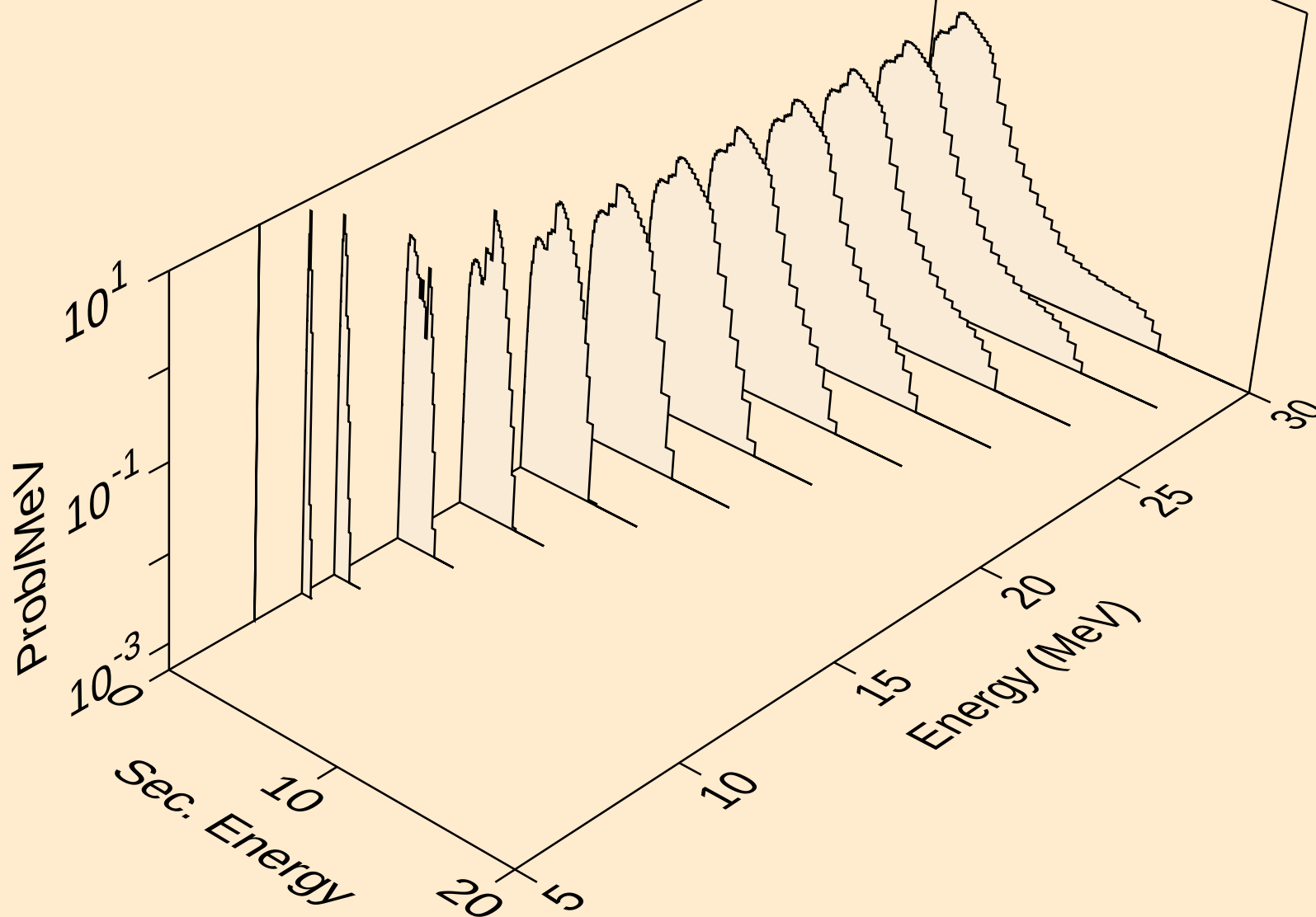
P037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,2n)



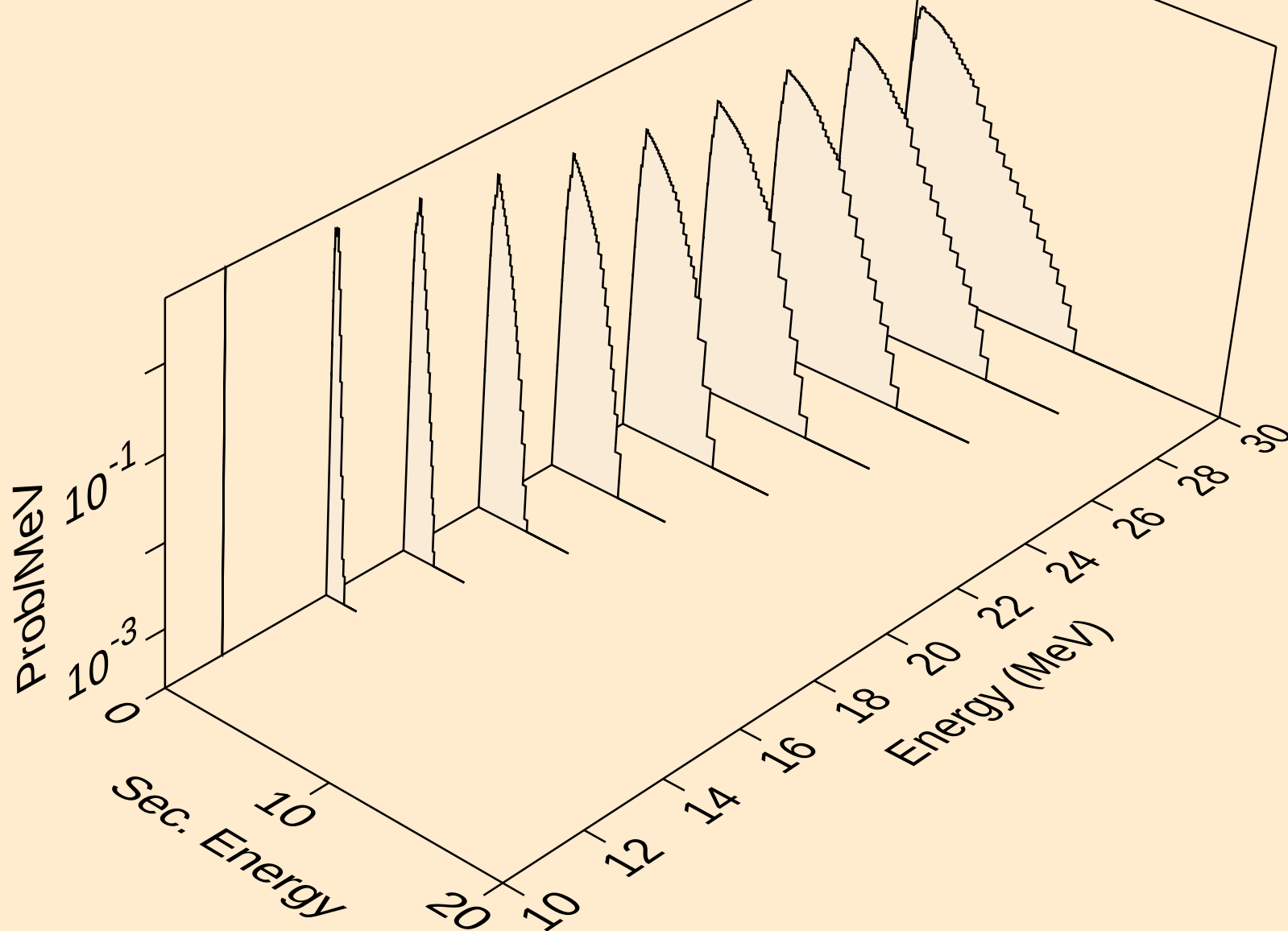
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neutrons from (a,3n)



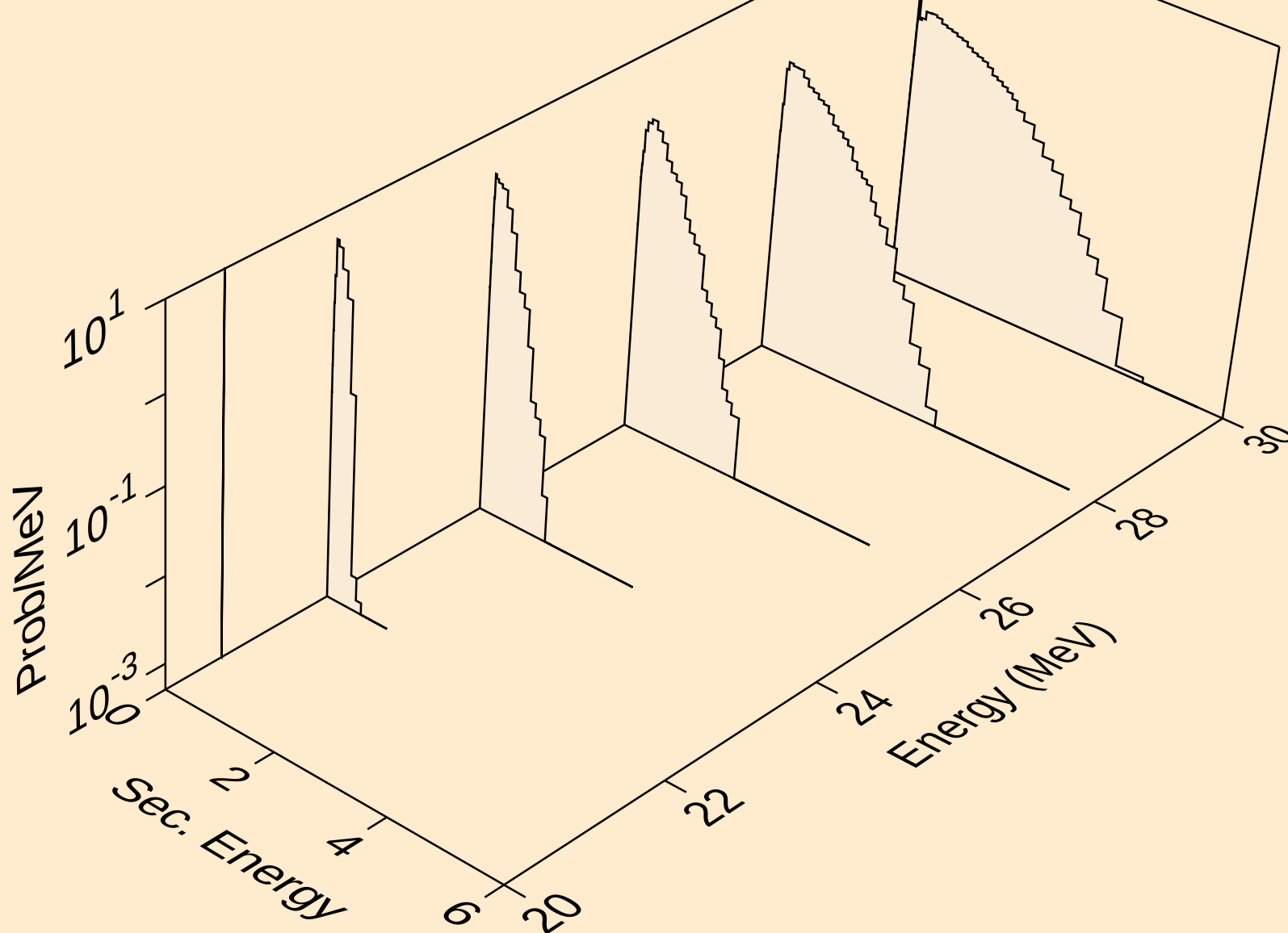
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neutrons from (a,n*)a



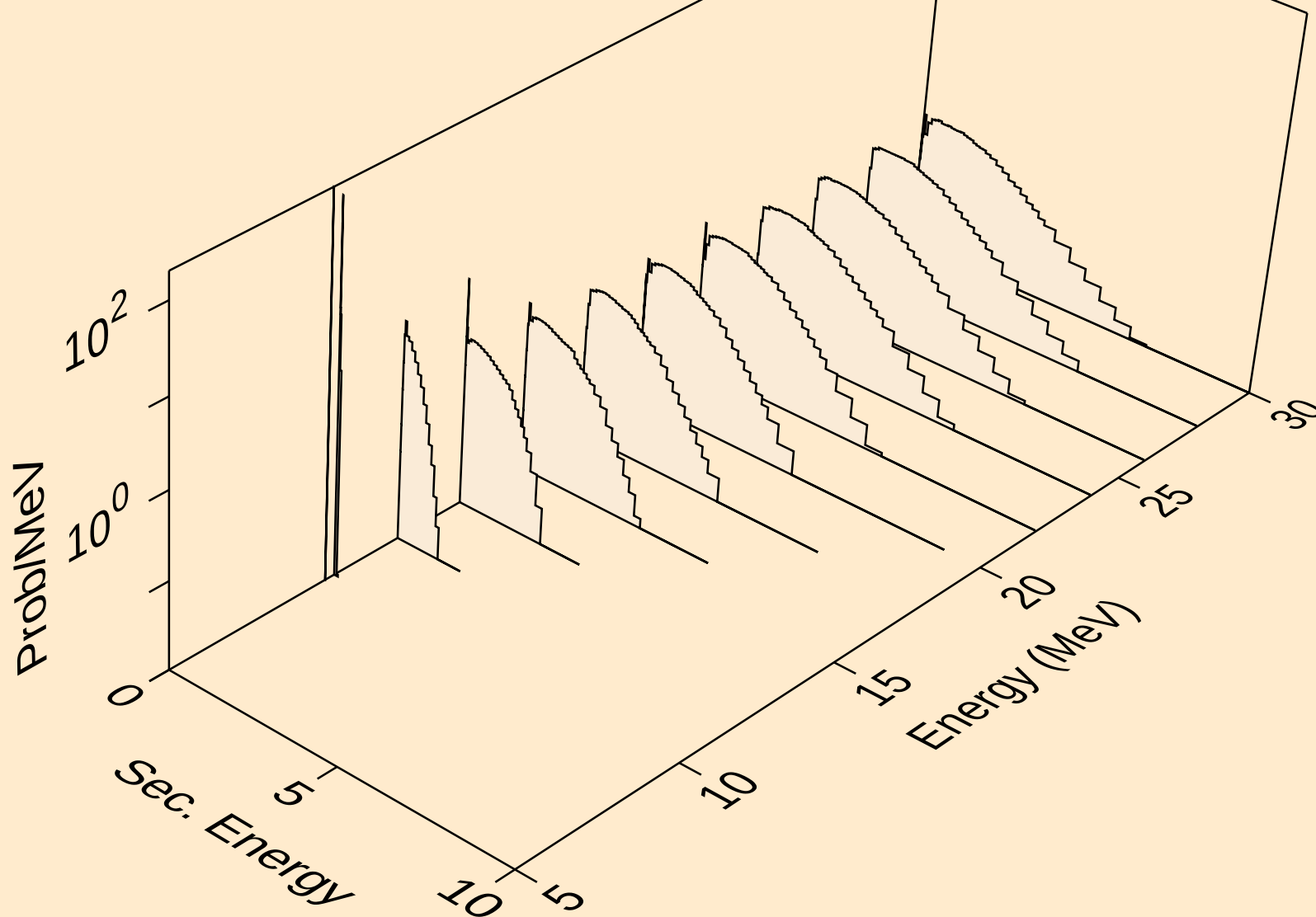
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neutrons from (a,2n)a



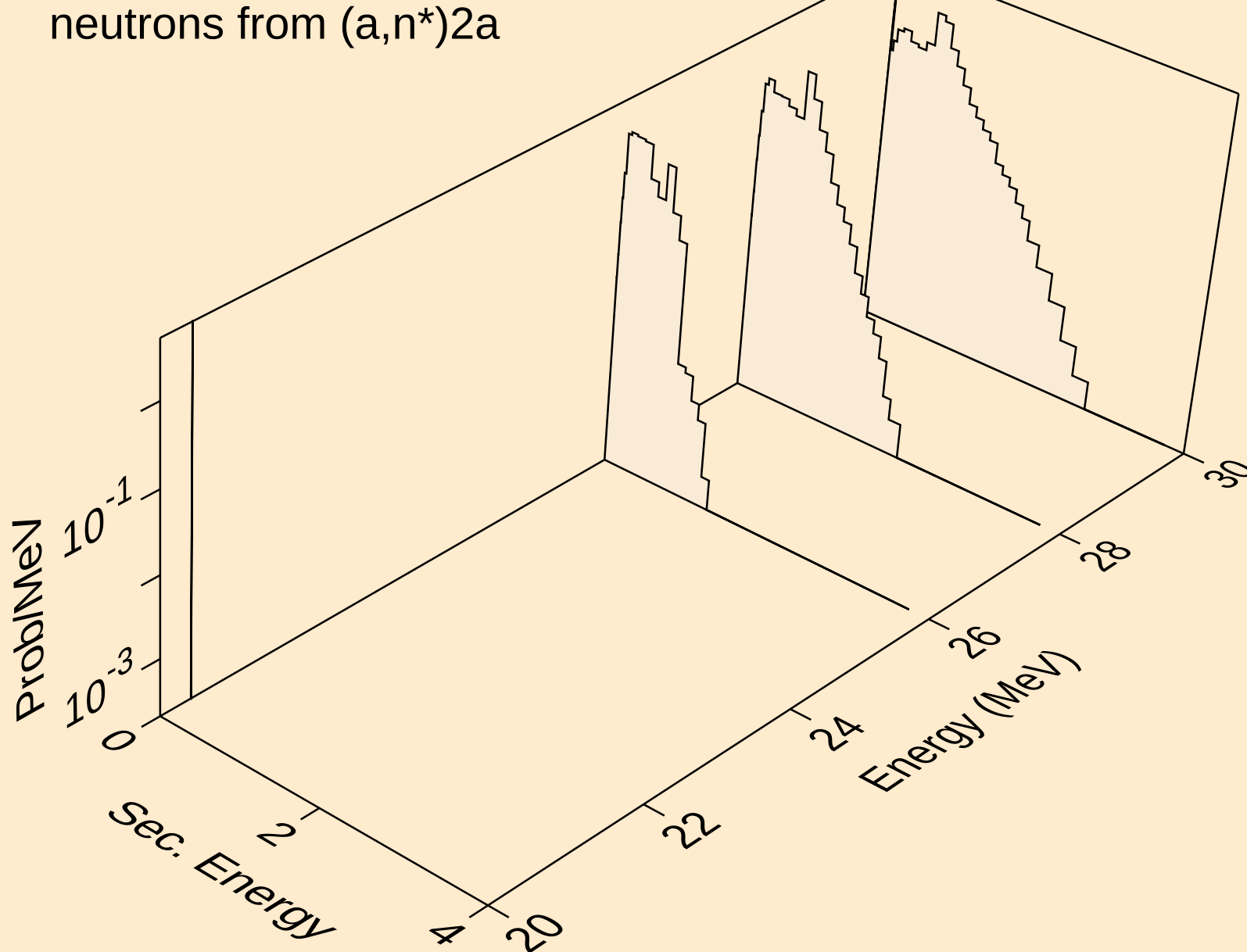
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neutrons from (a,3n)a



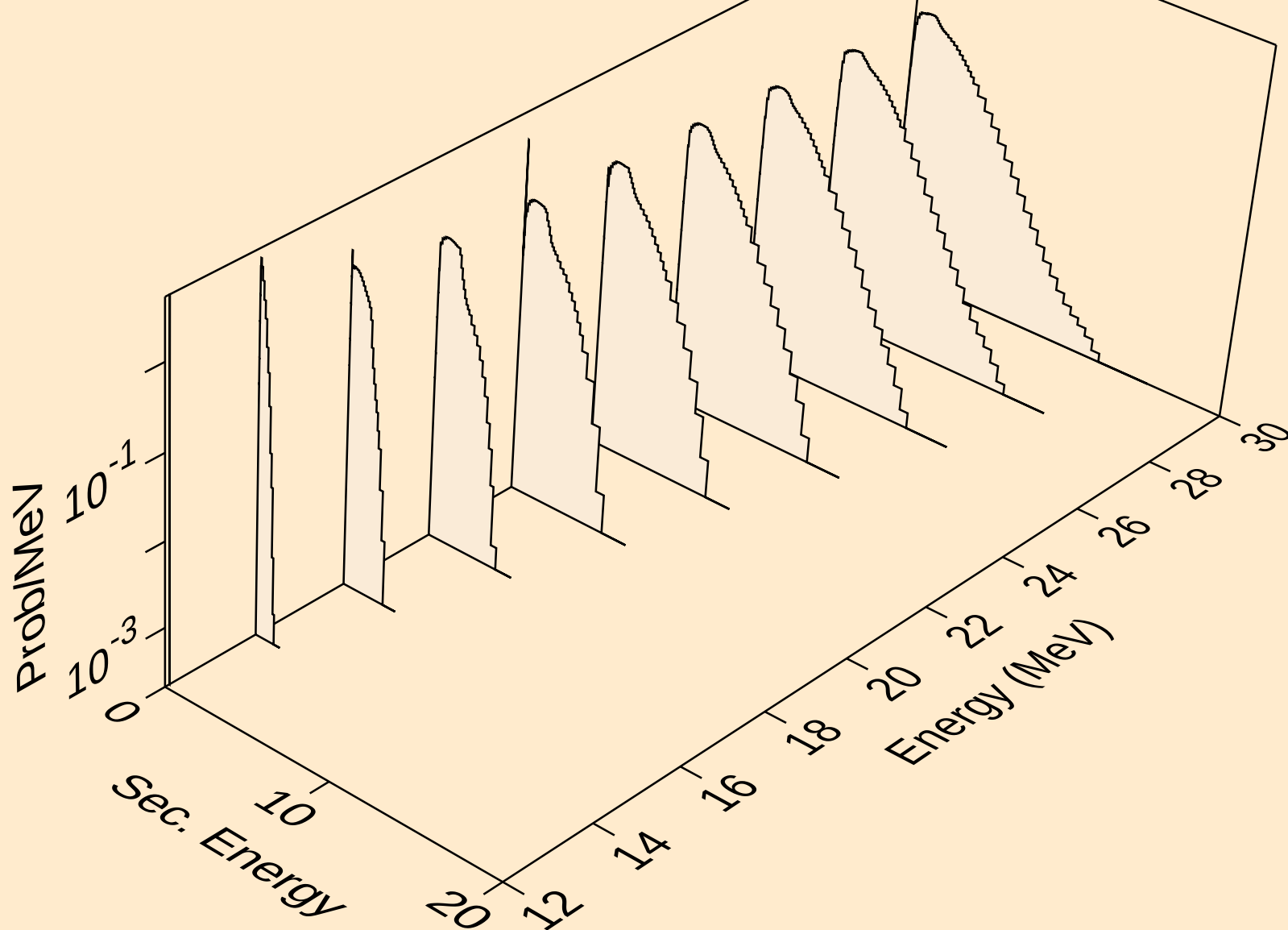
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neutrons from (a,n*)p



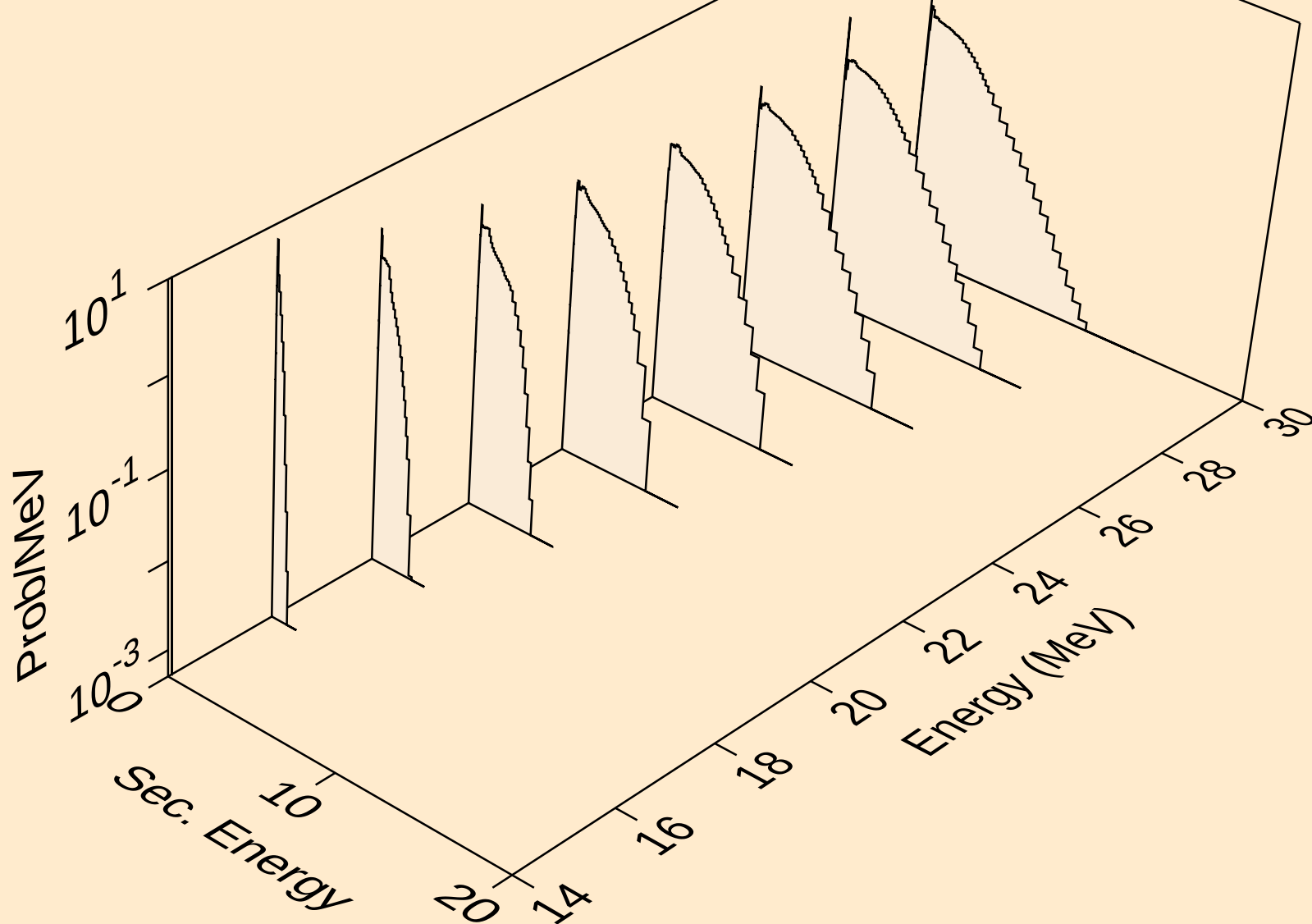
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neutrons from (a,n*)2a



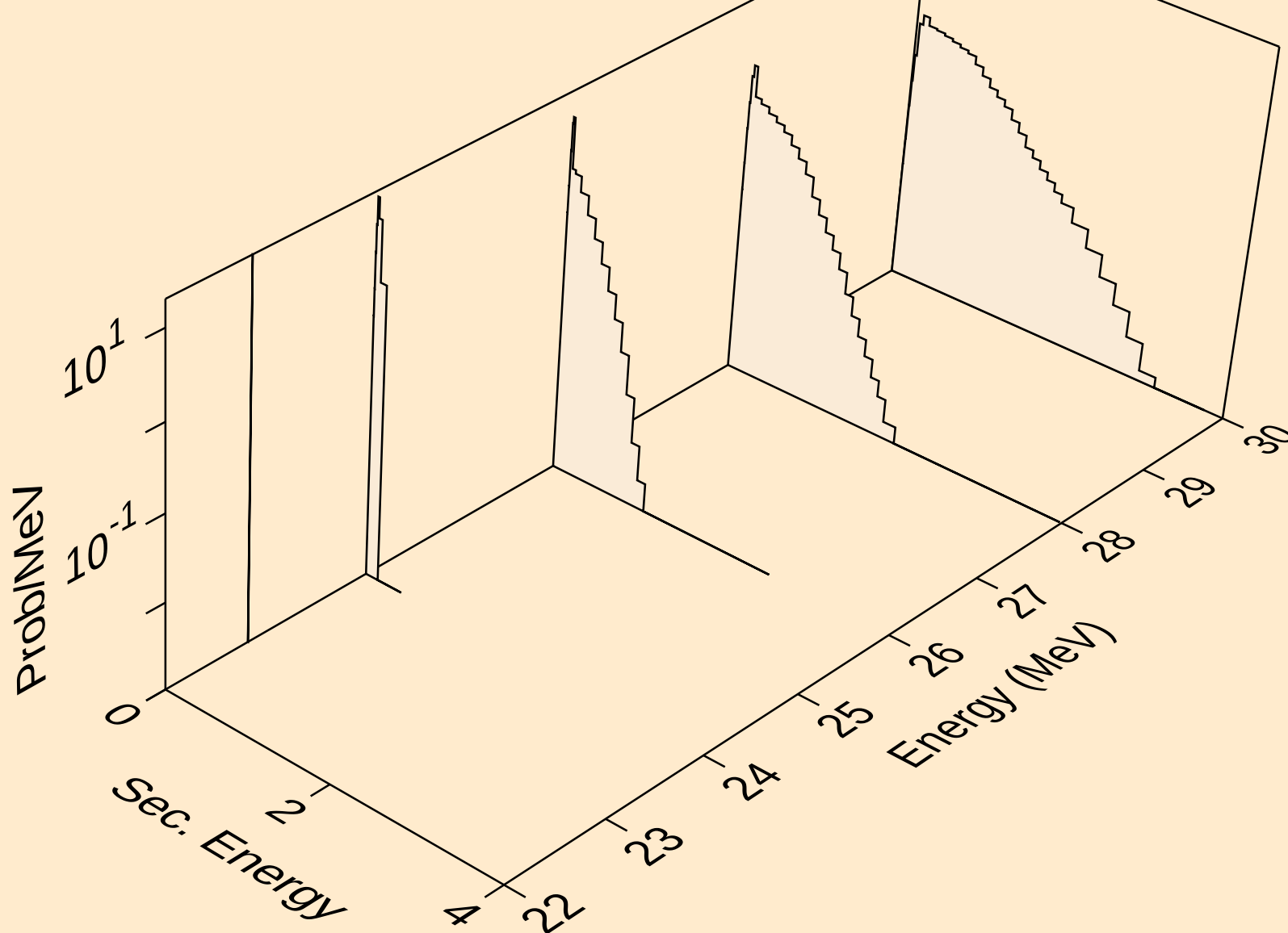
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neutrons from (a,n*)d



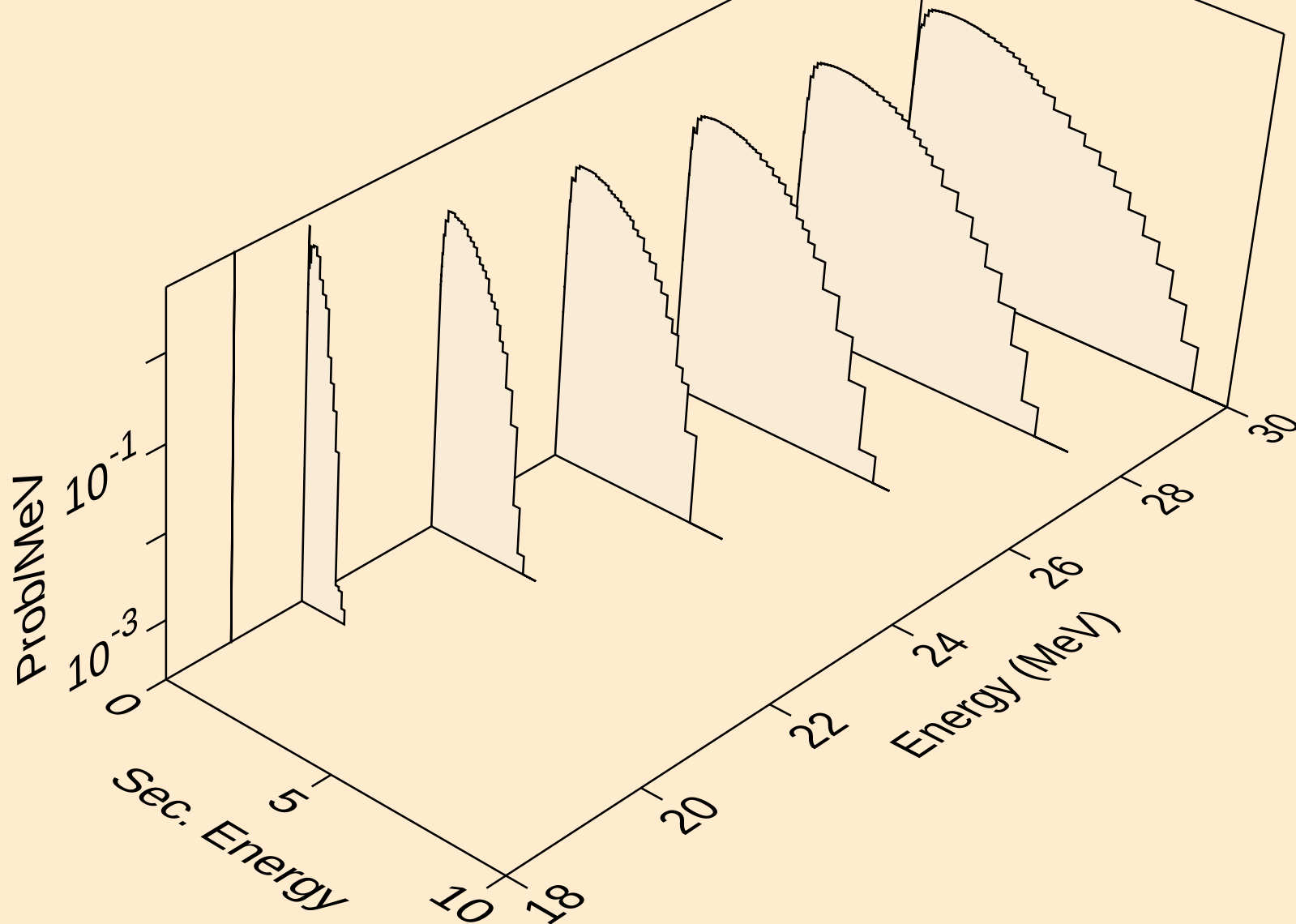
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neutrons from (a,n*)t



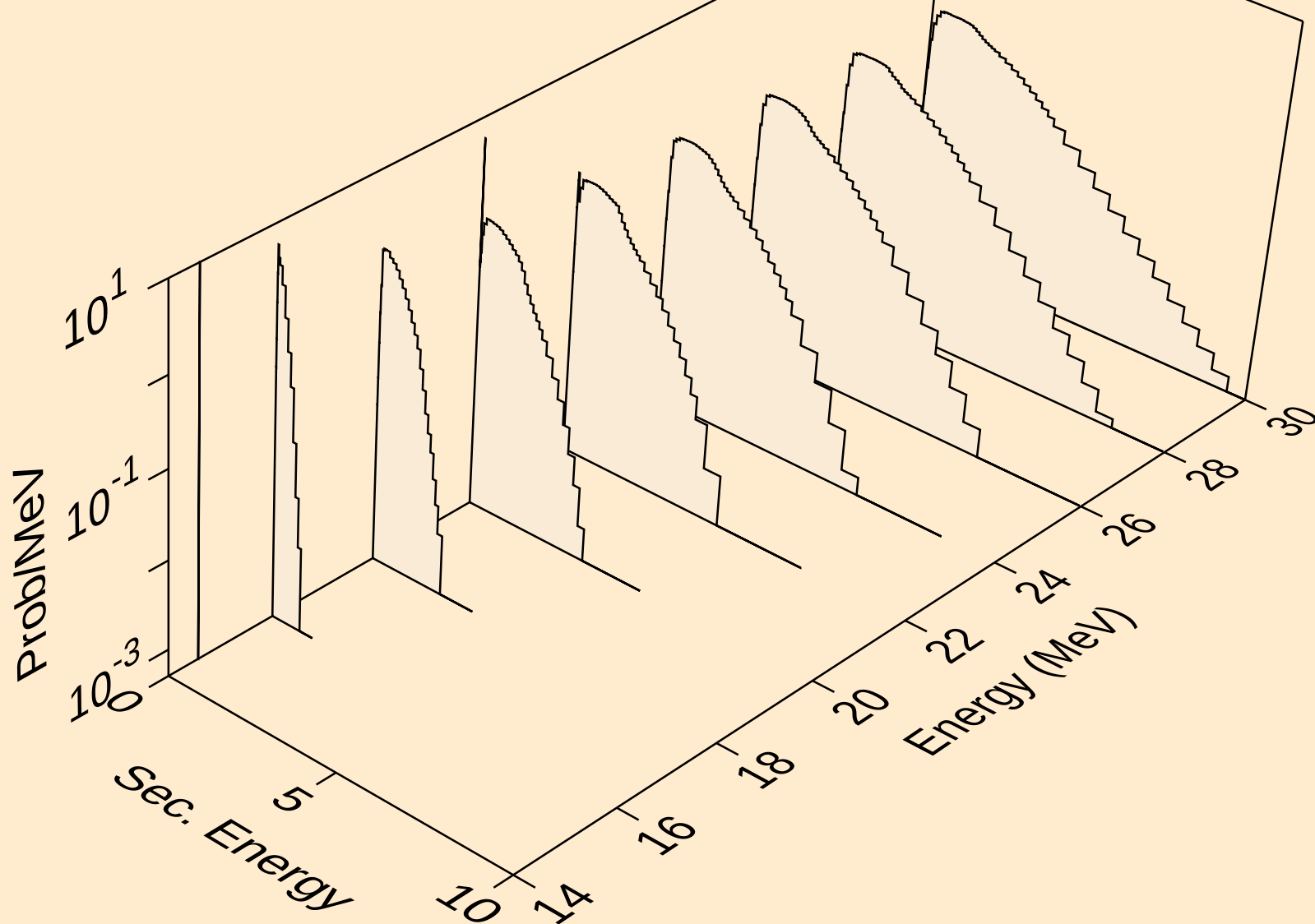
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neutrons from (a,n*)he3



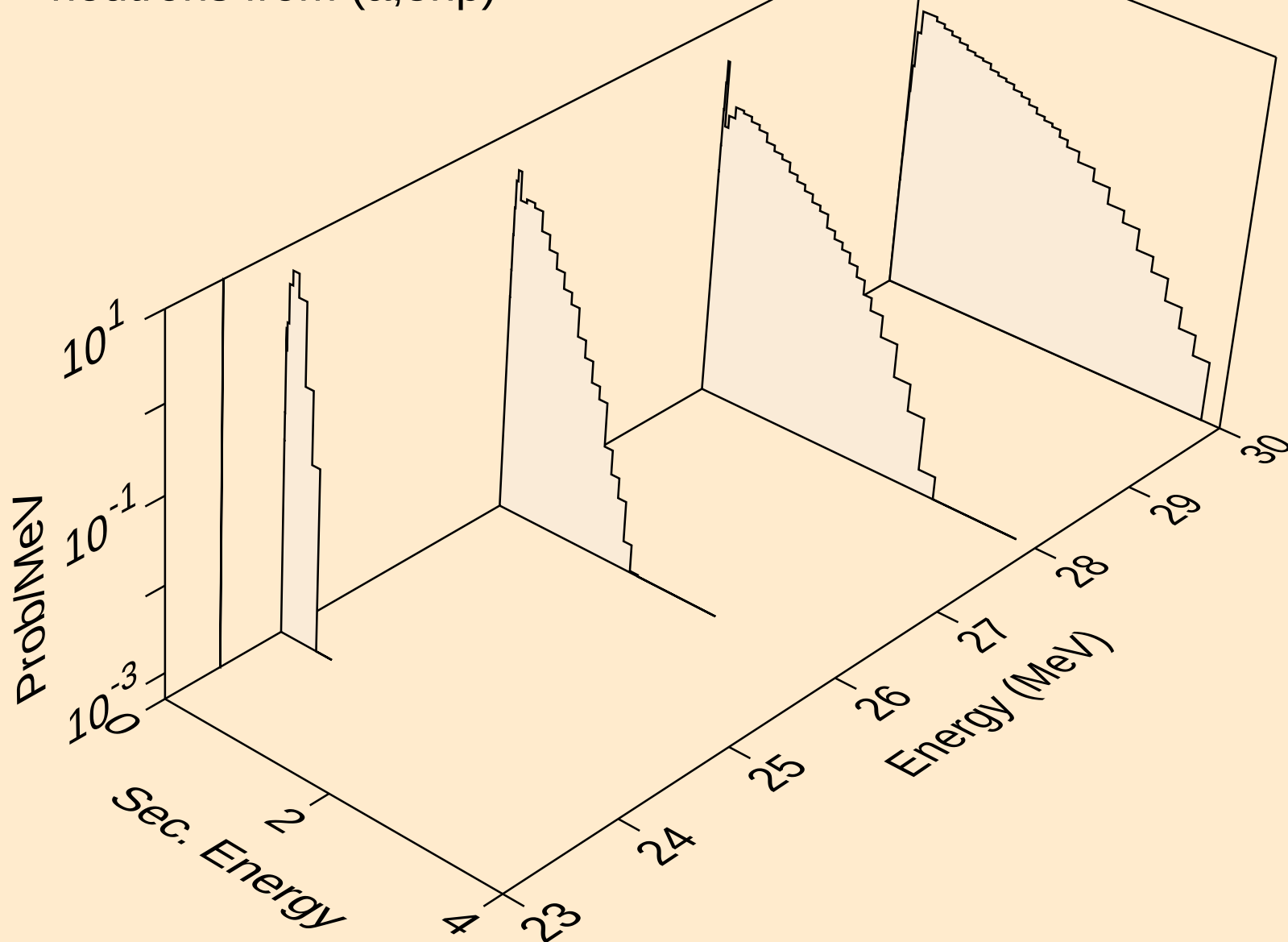
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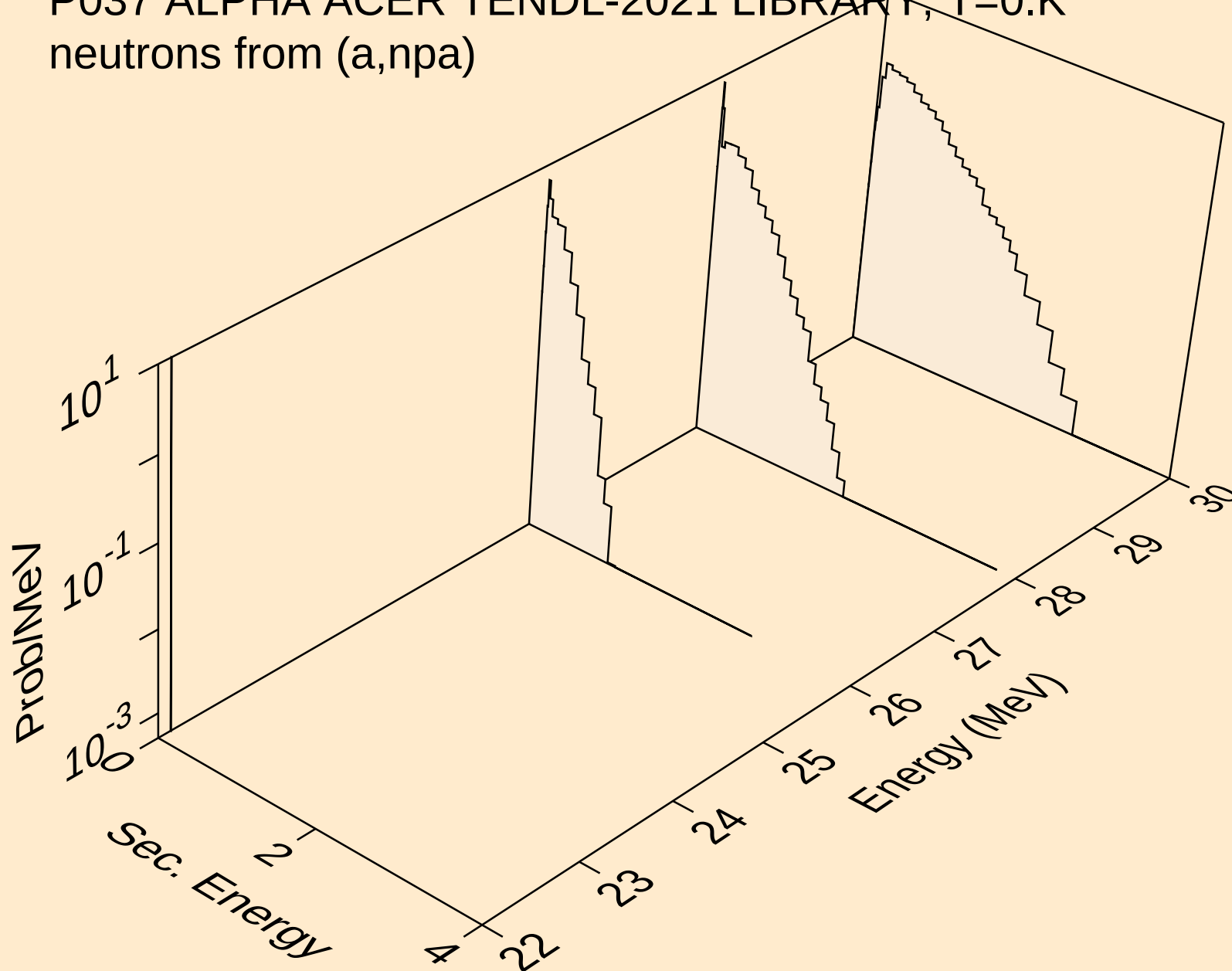
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neutrons from (a,2np)



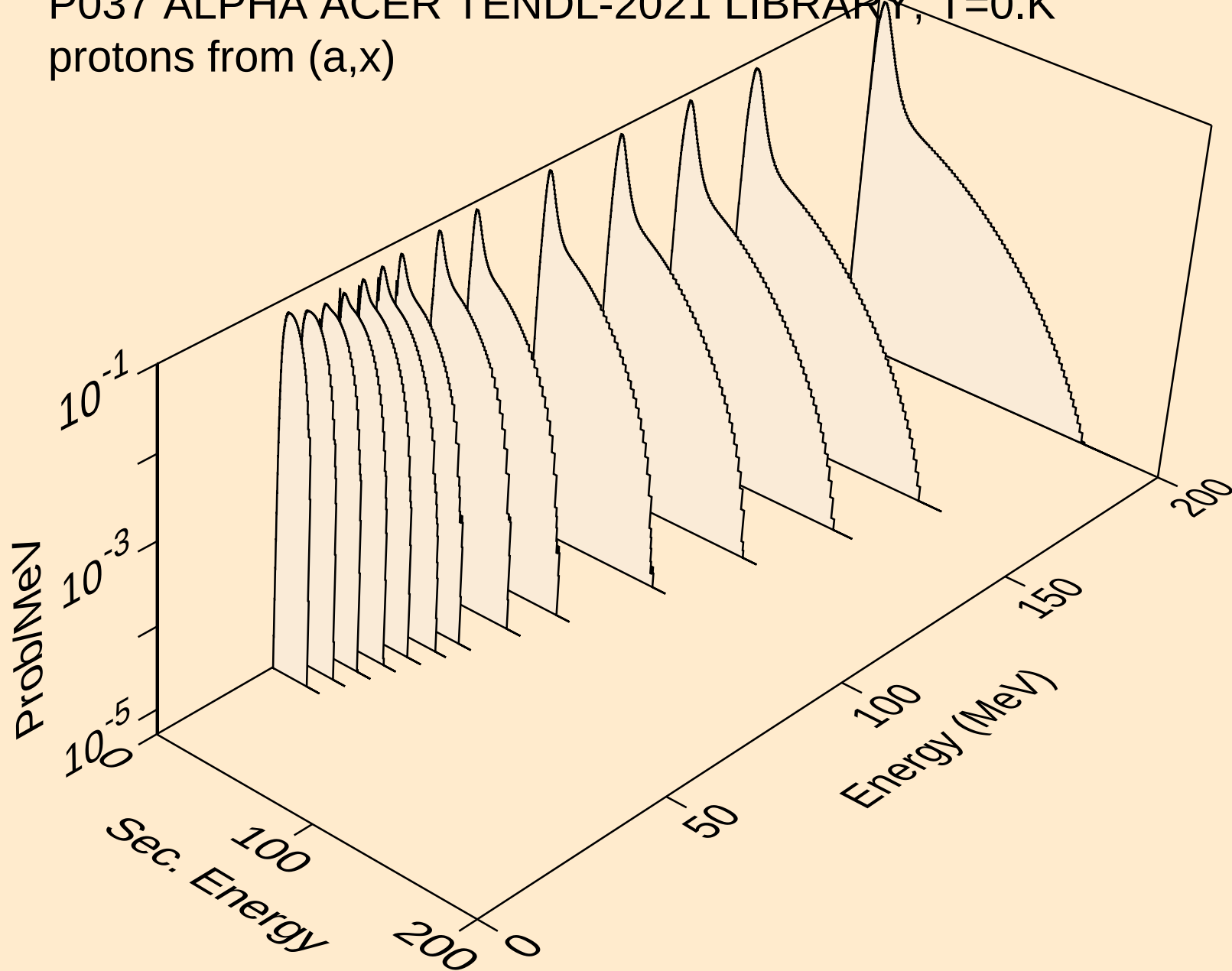
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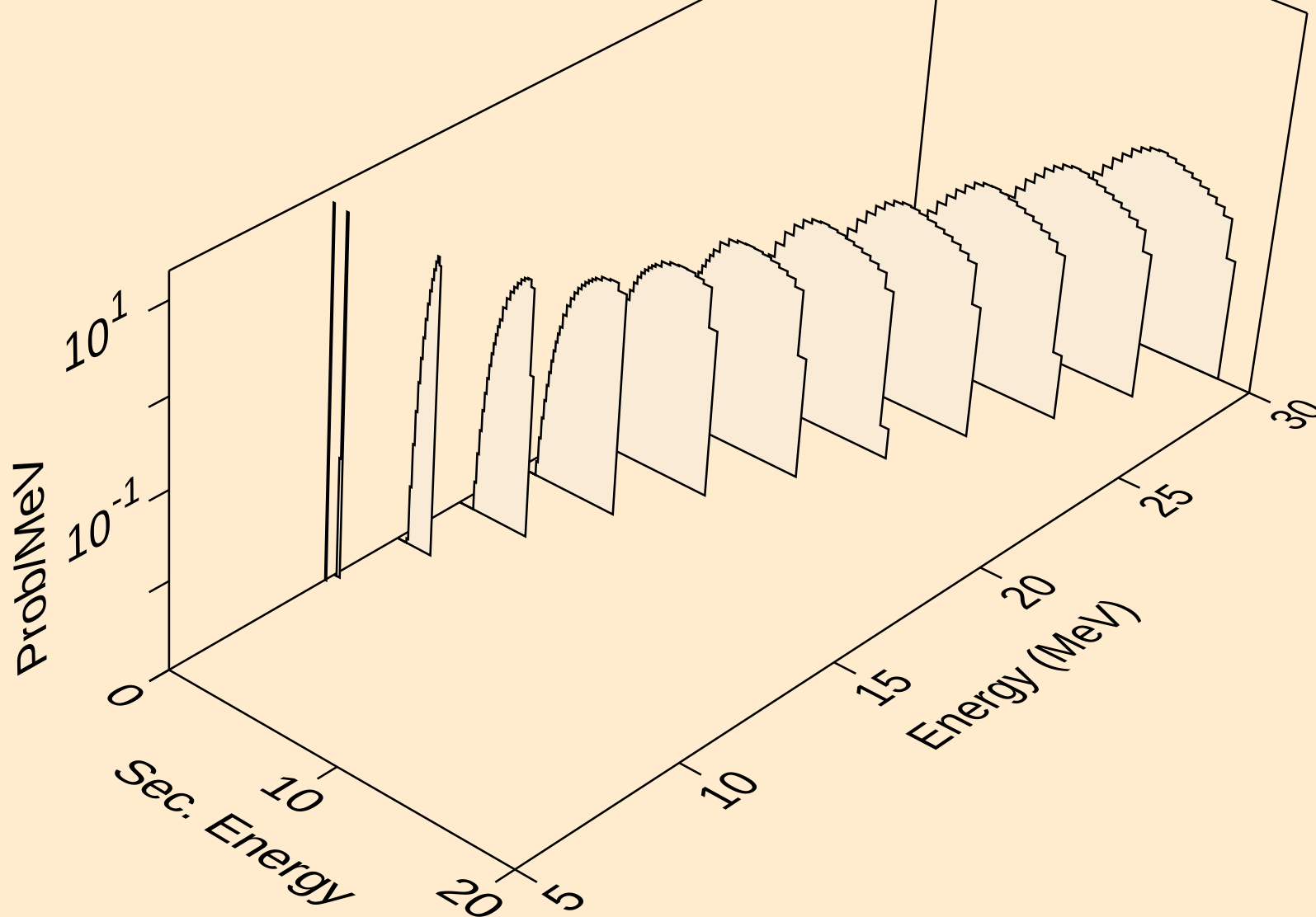
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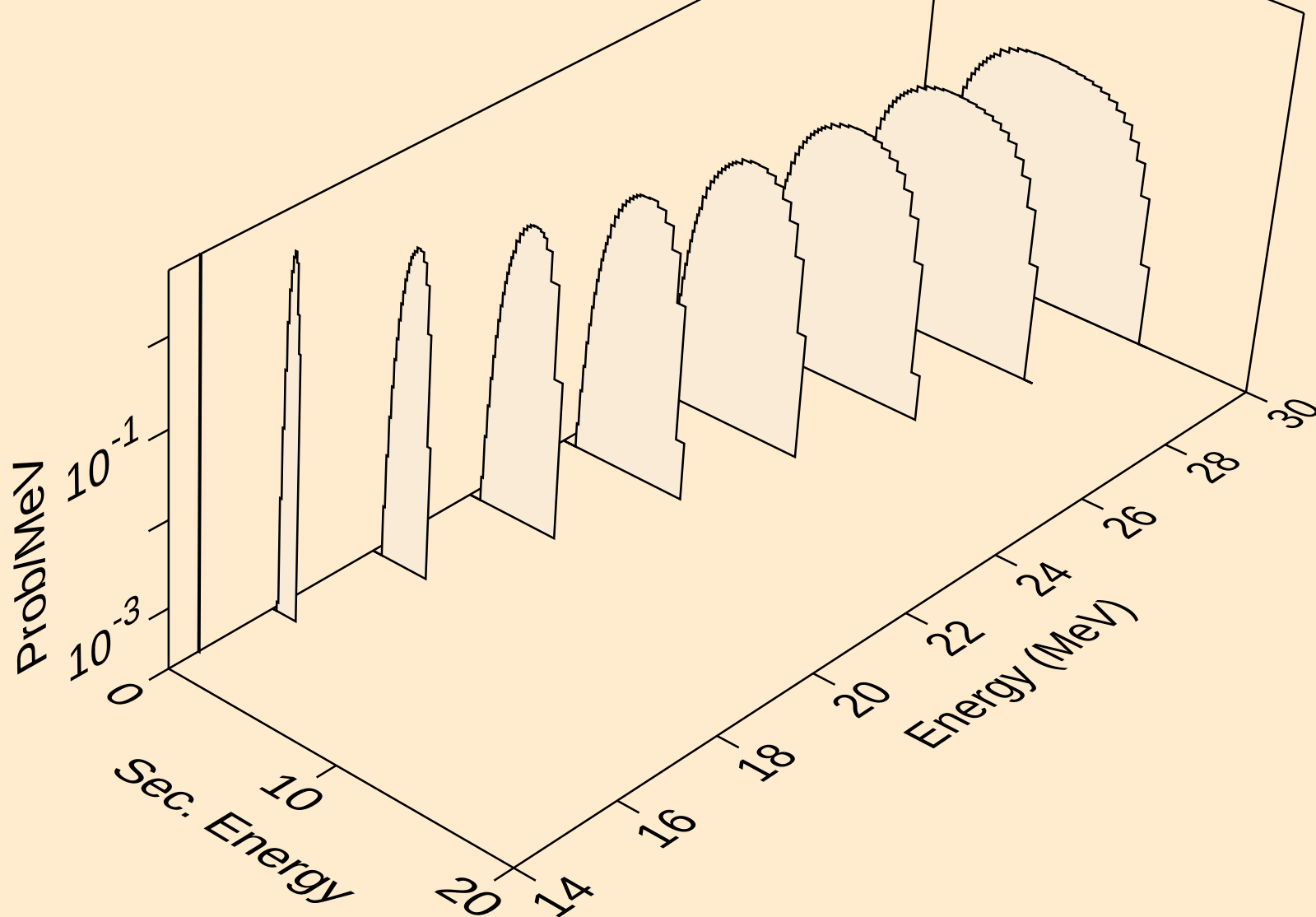
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protons from (a,x)



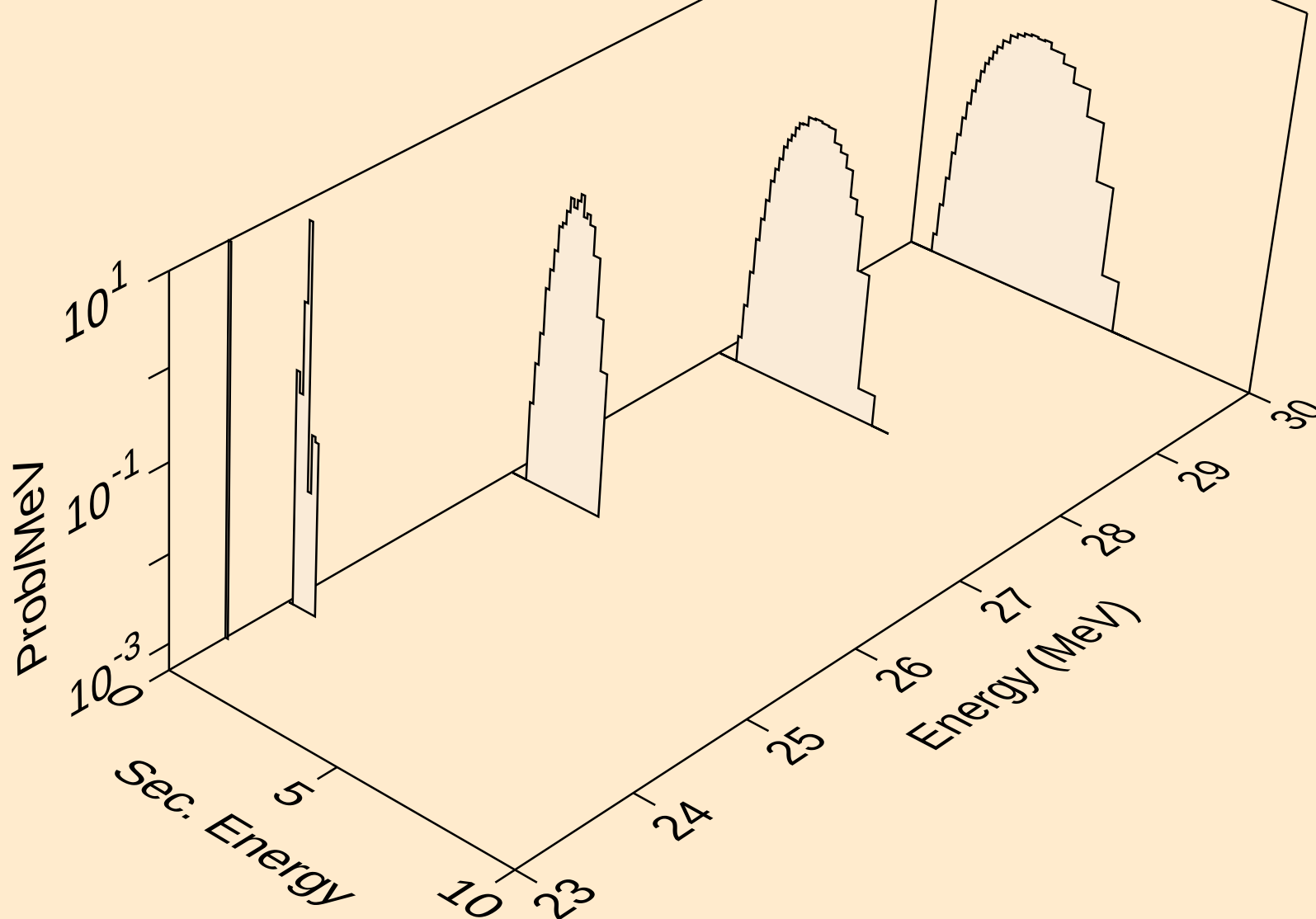
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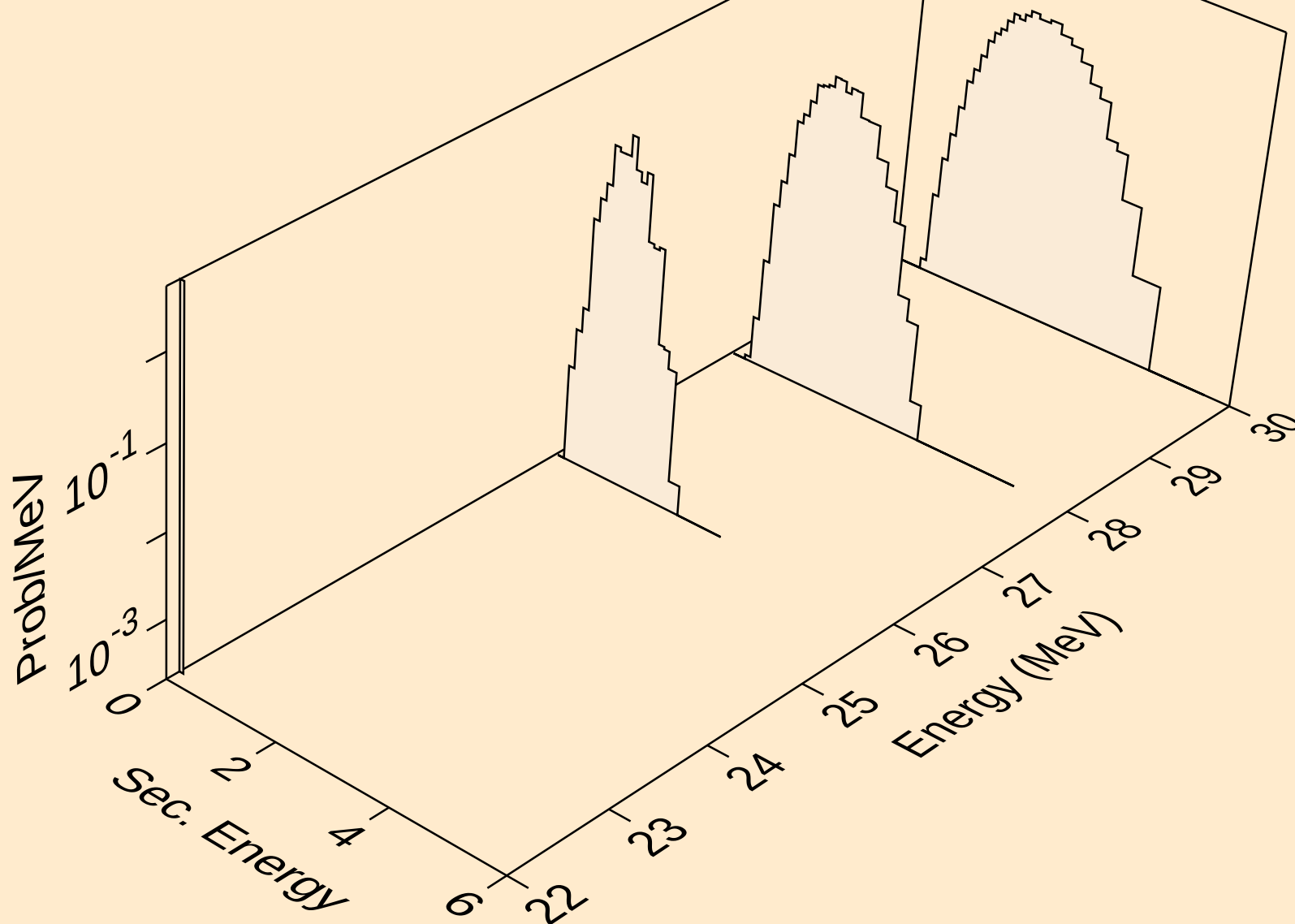
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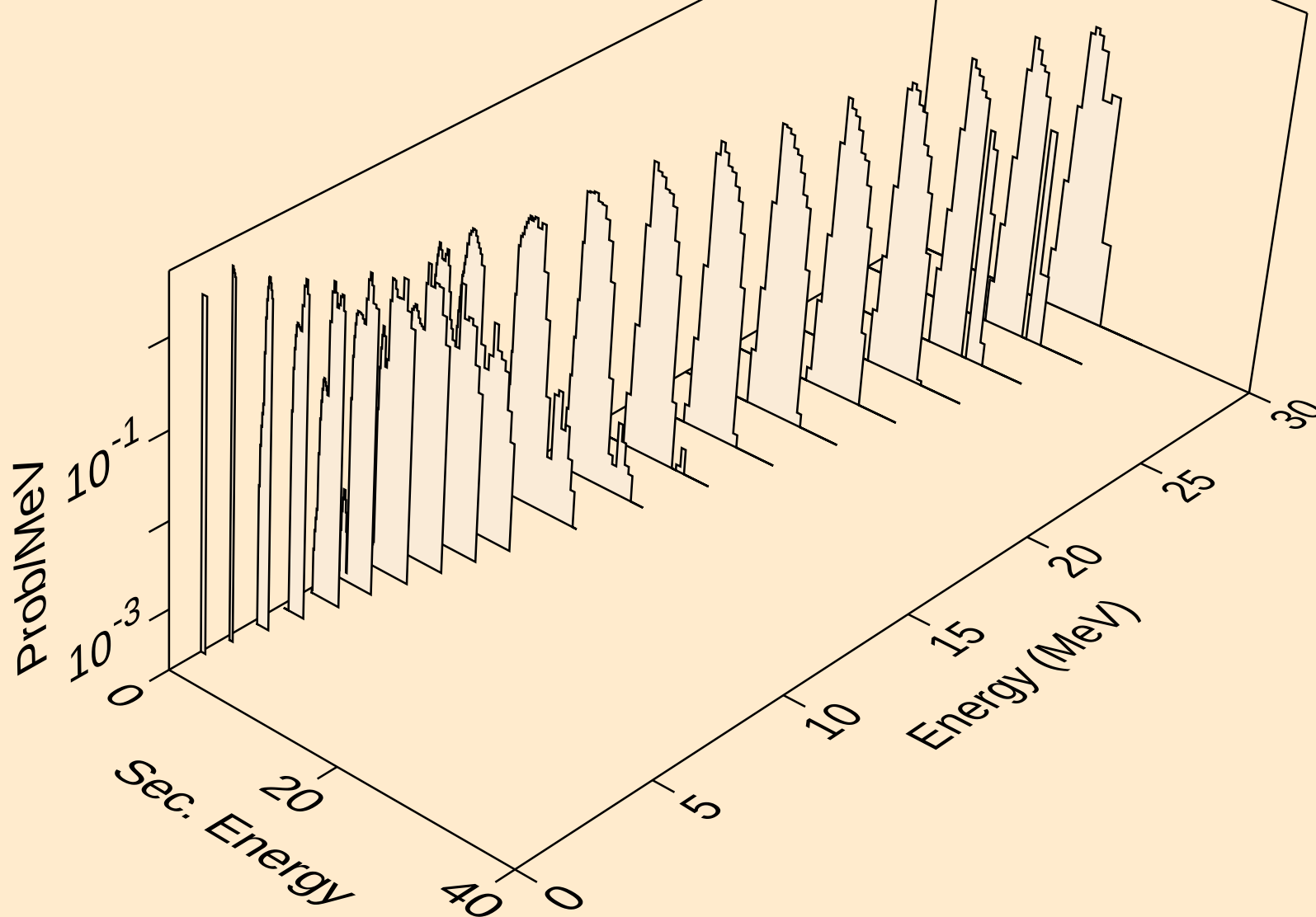
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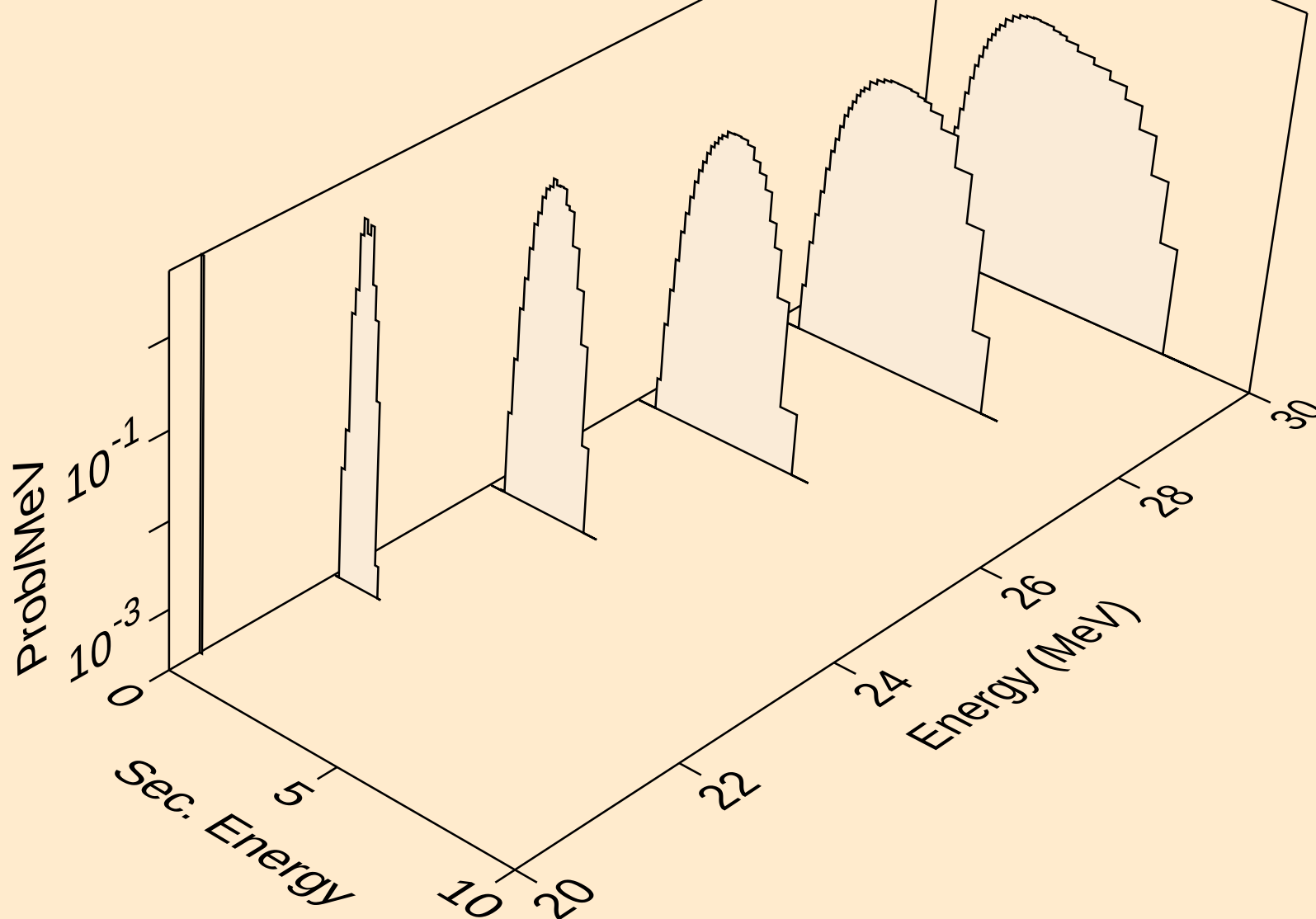
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protons from (a,npa)



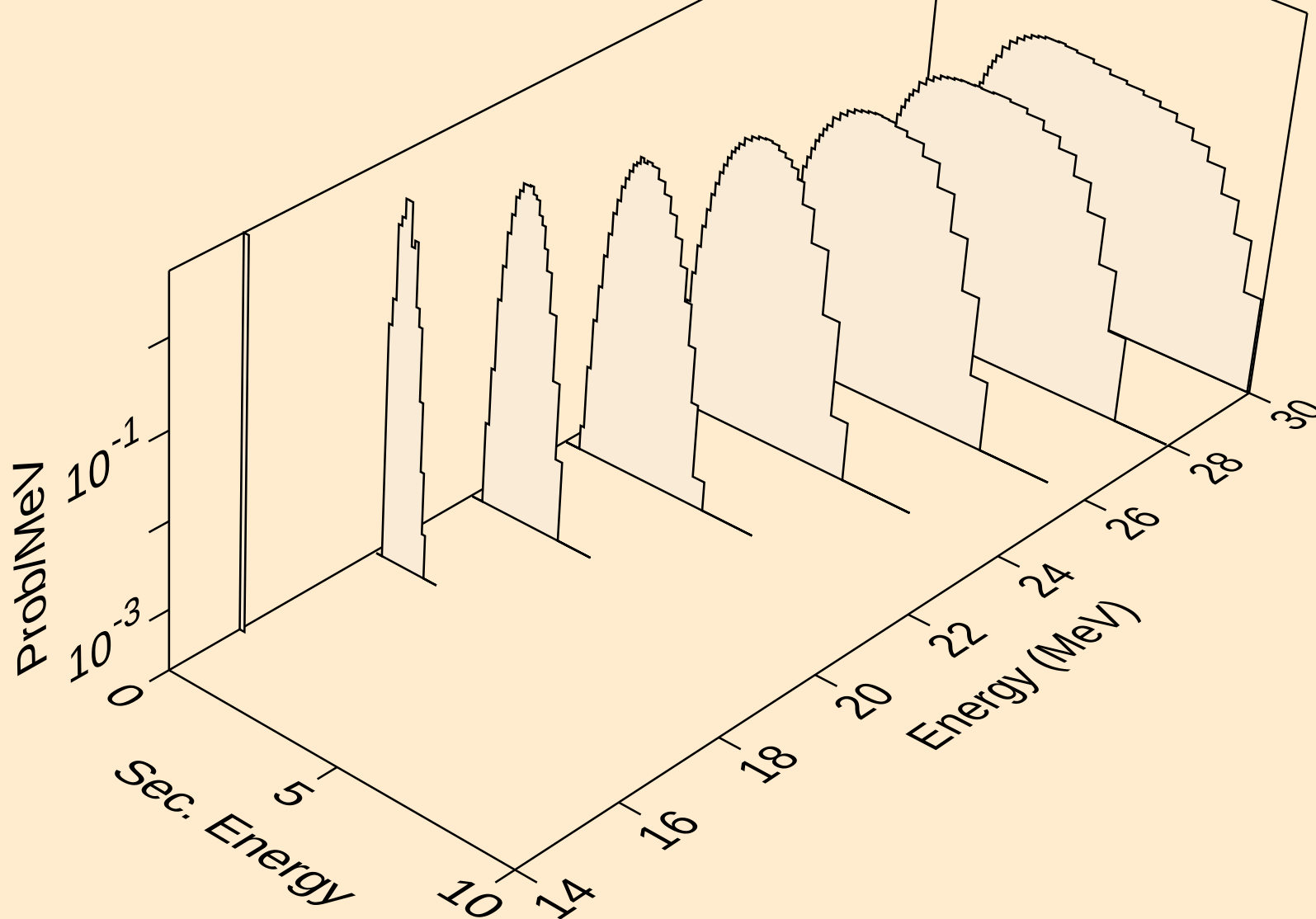
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protons from (a,p)



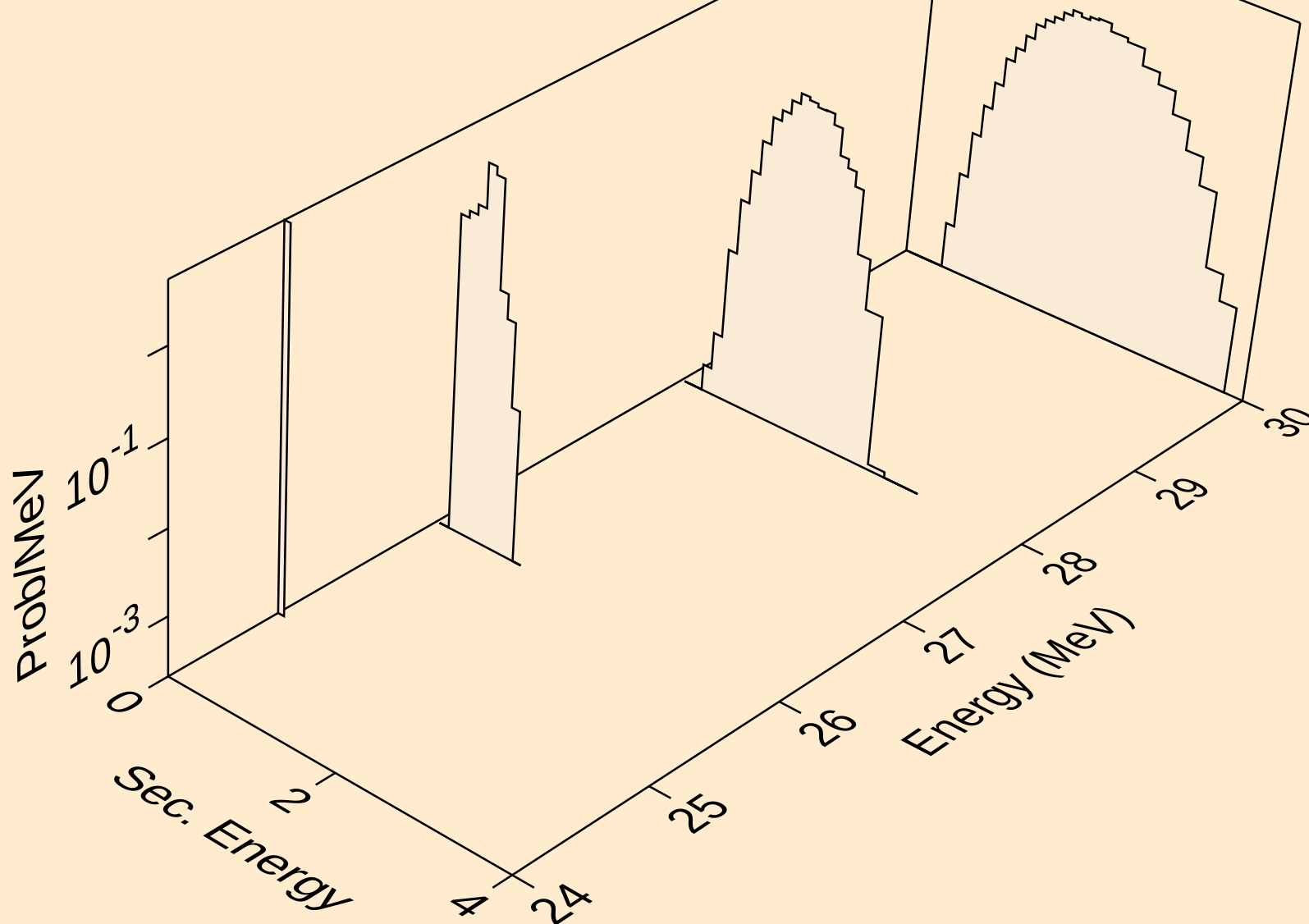
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protons from (a,2p)



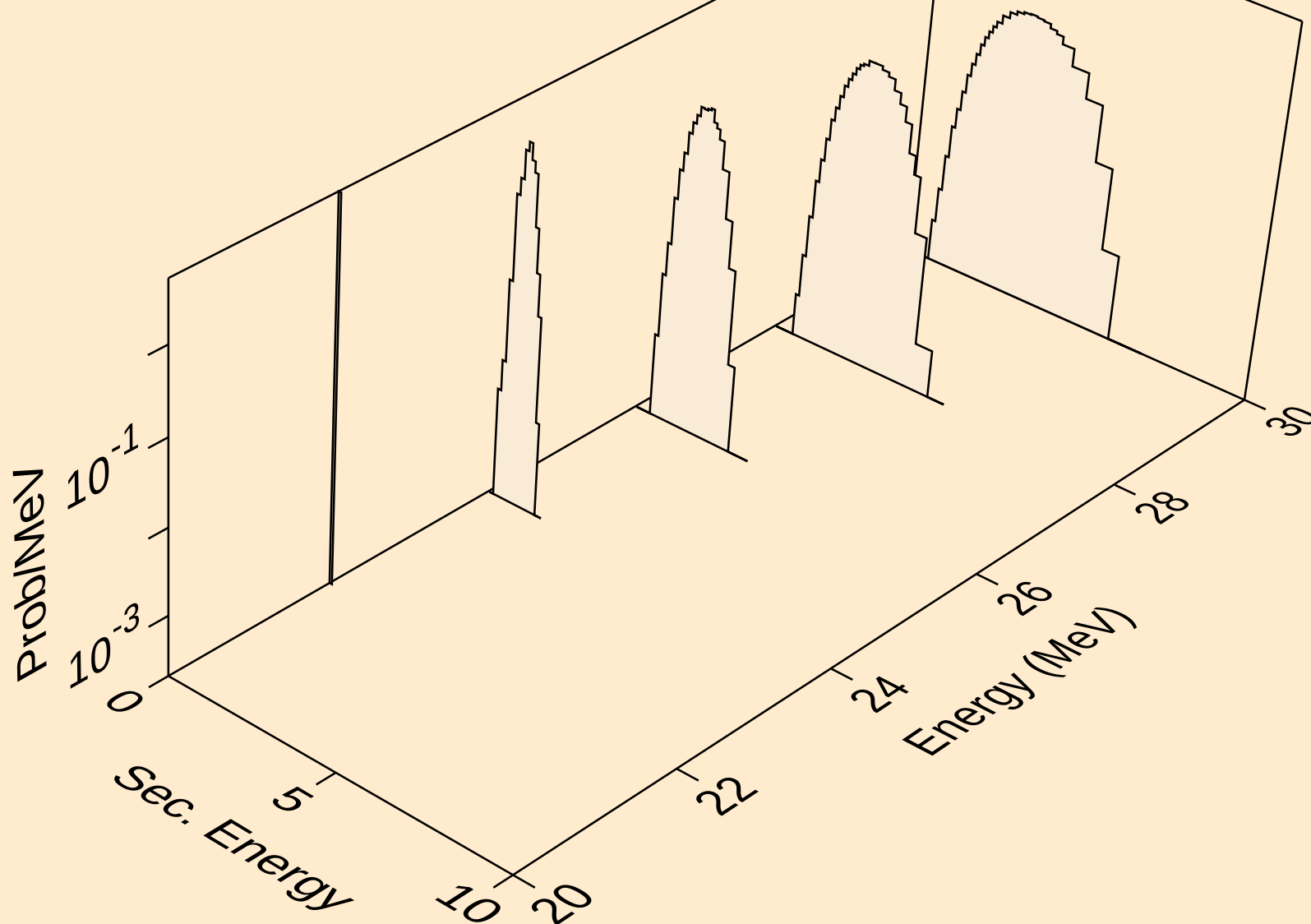
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protons from (a,pa)



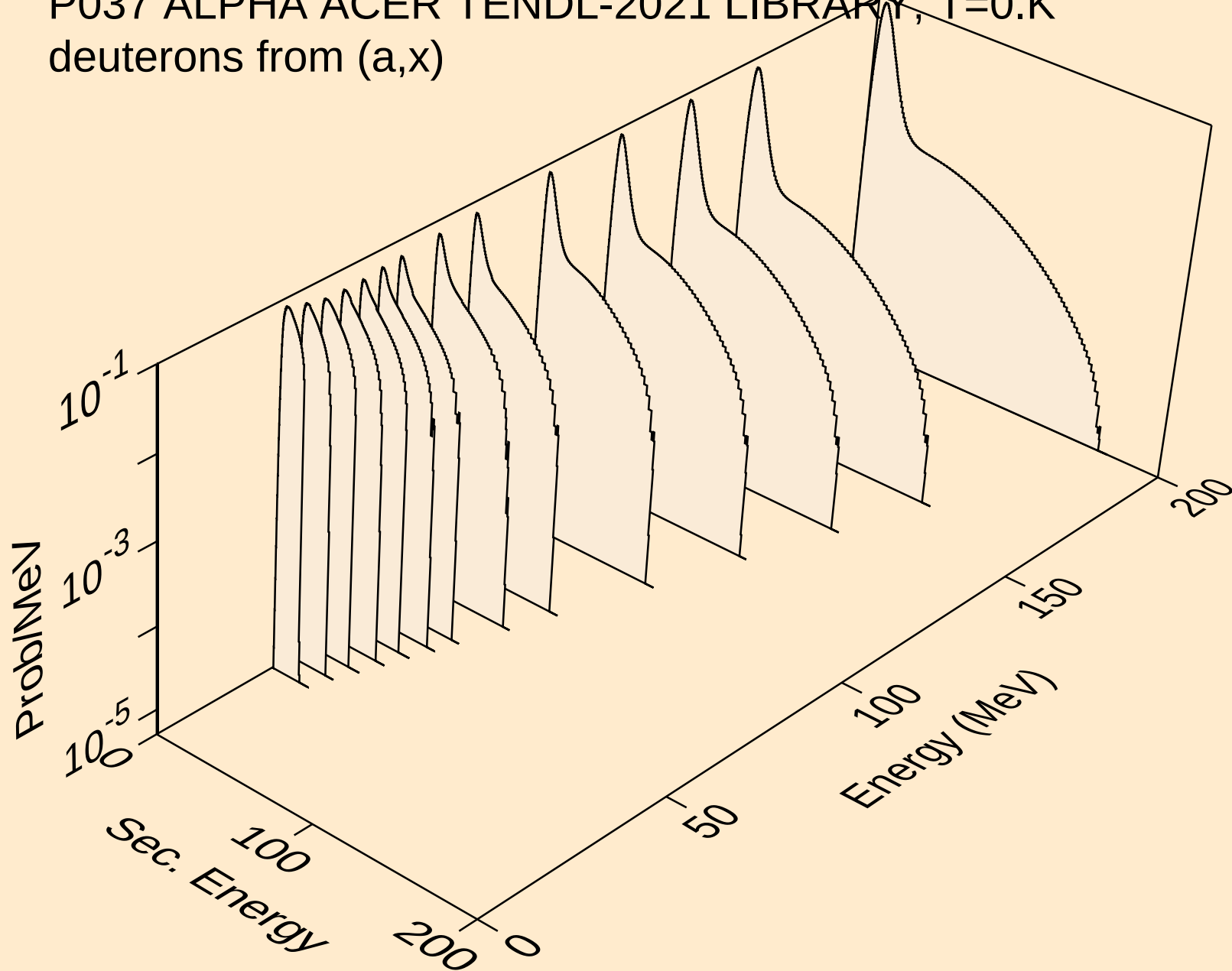
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protons from (a,pd)



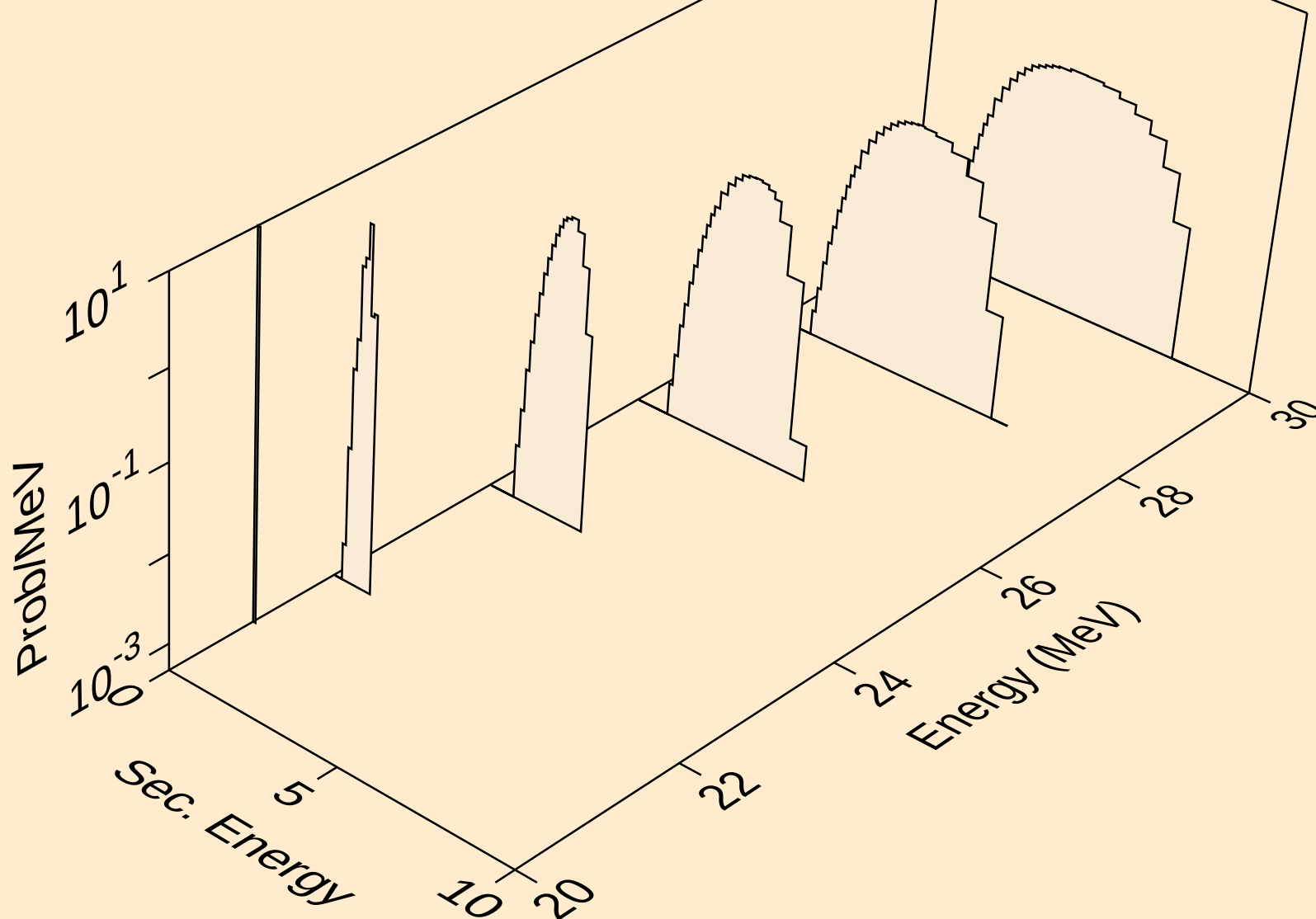
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protons from (a,pt)



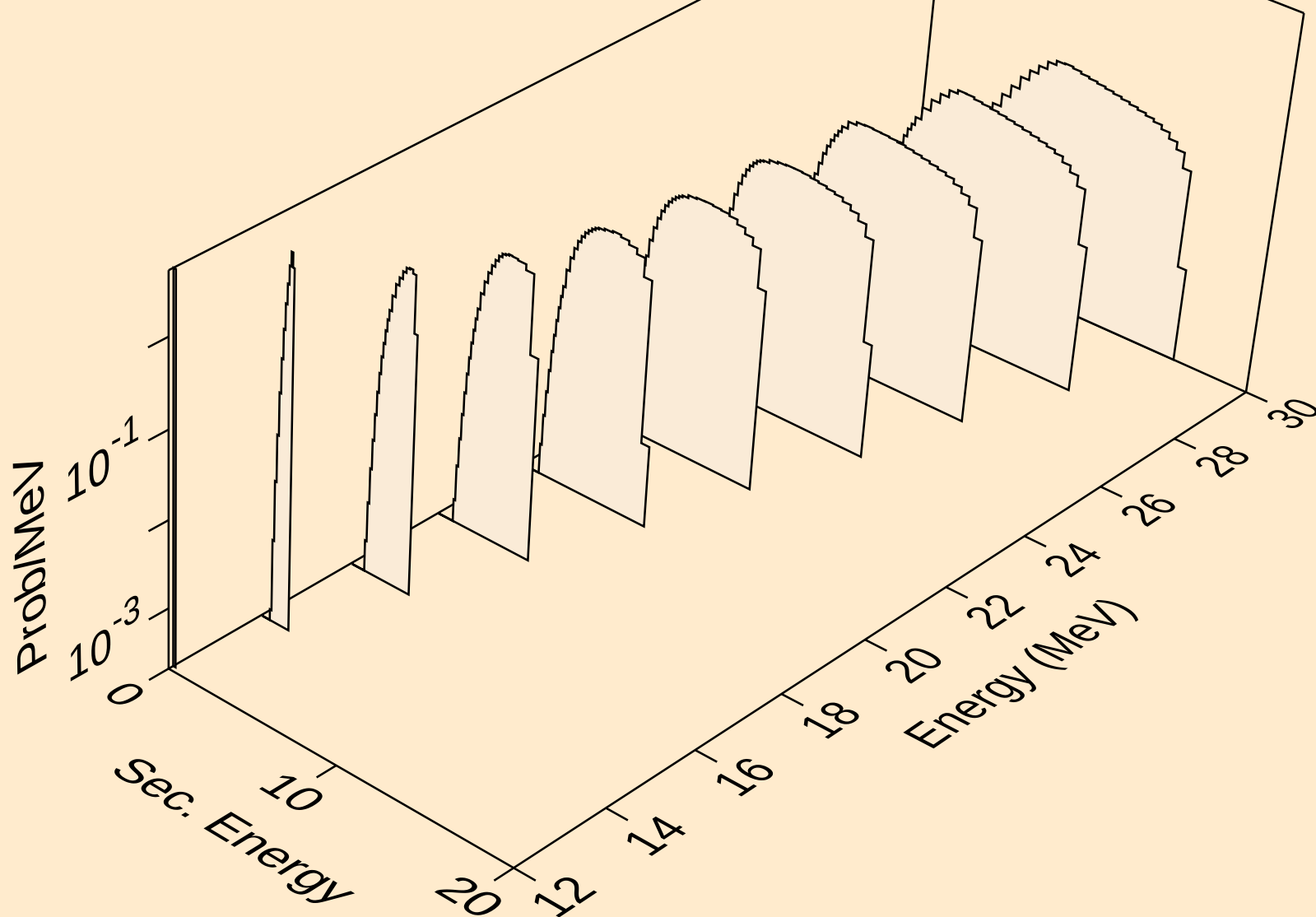
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deuterons from (a,x)



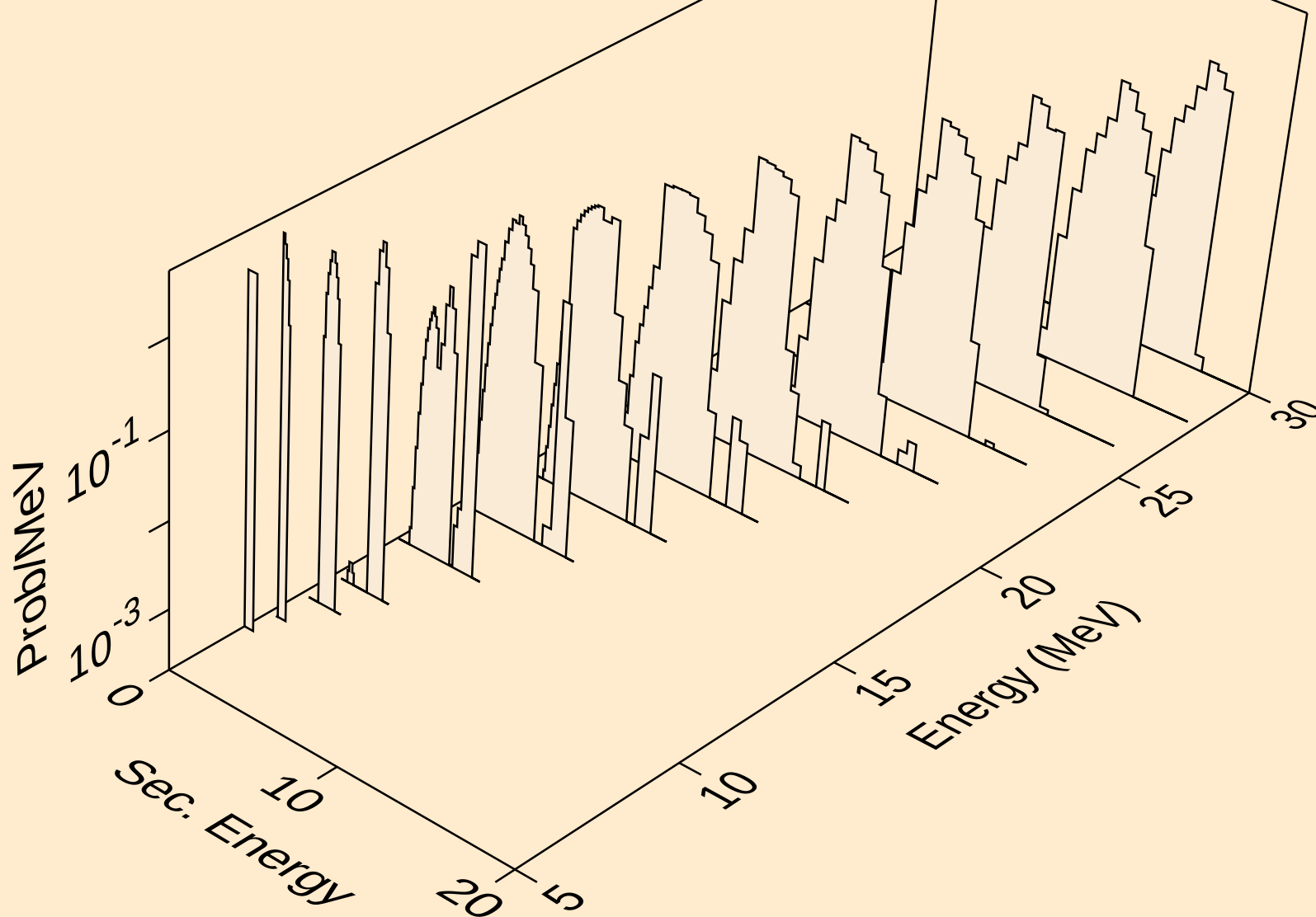
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deuterons from (a,2nd)



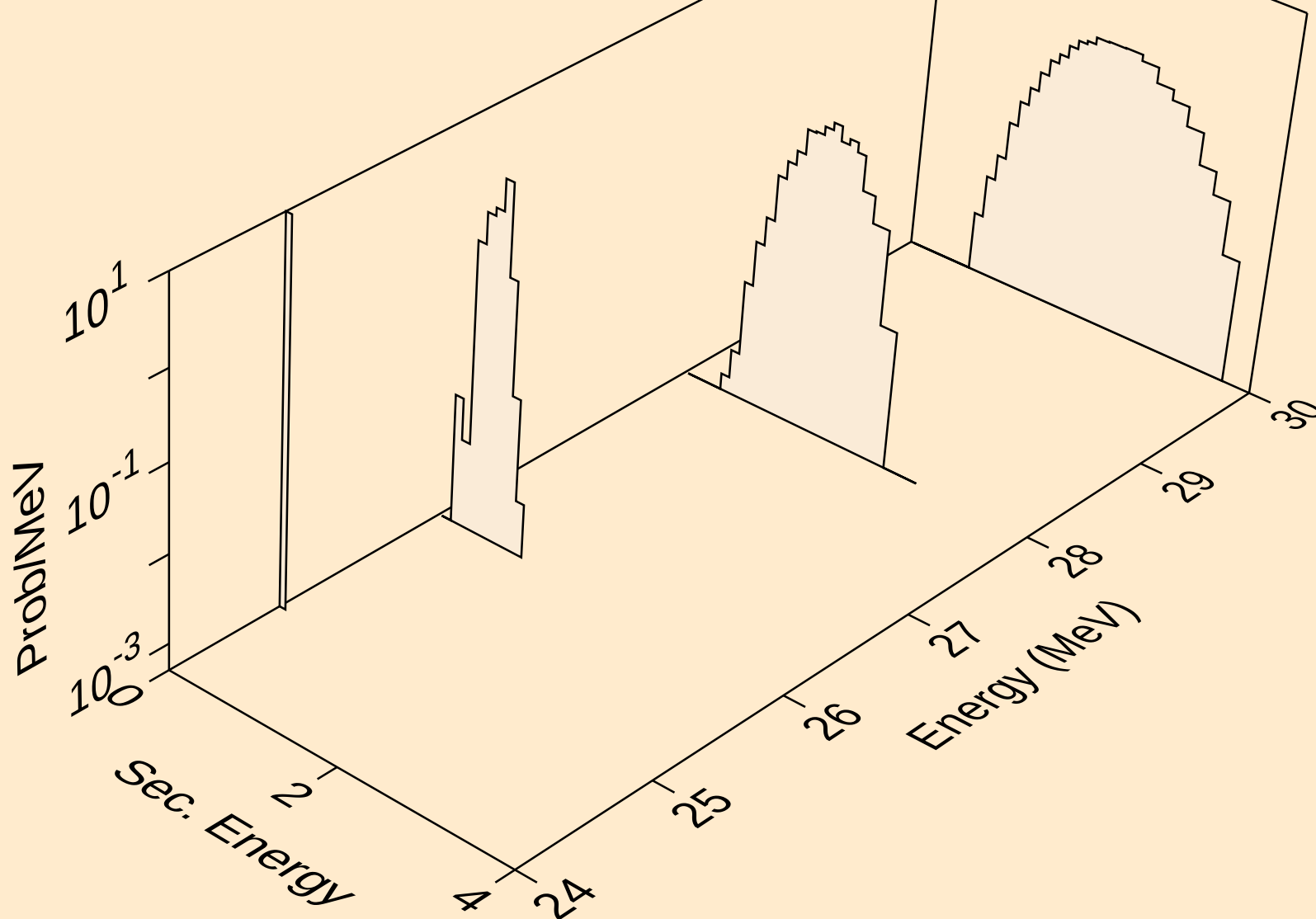
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deuterons from (a,n*)d



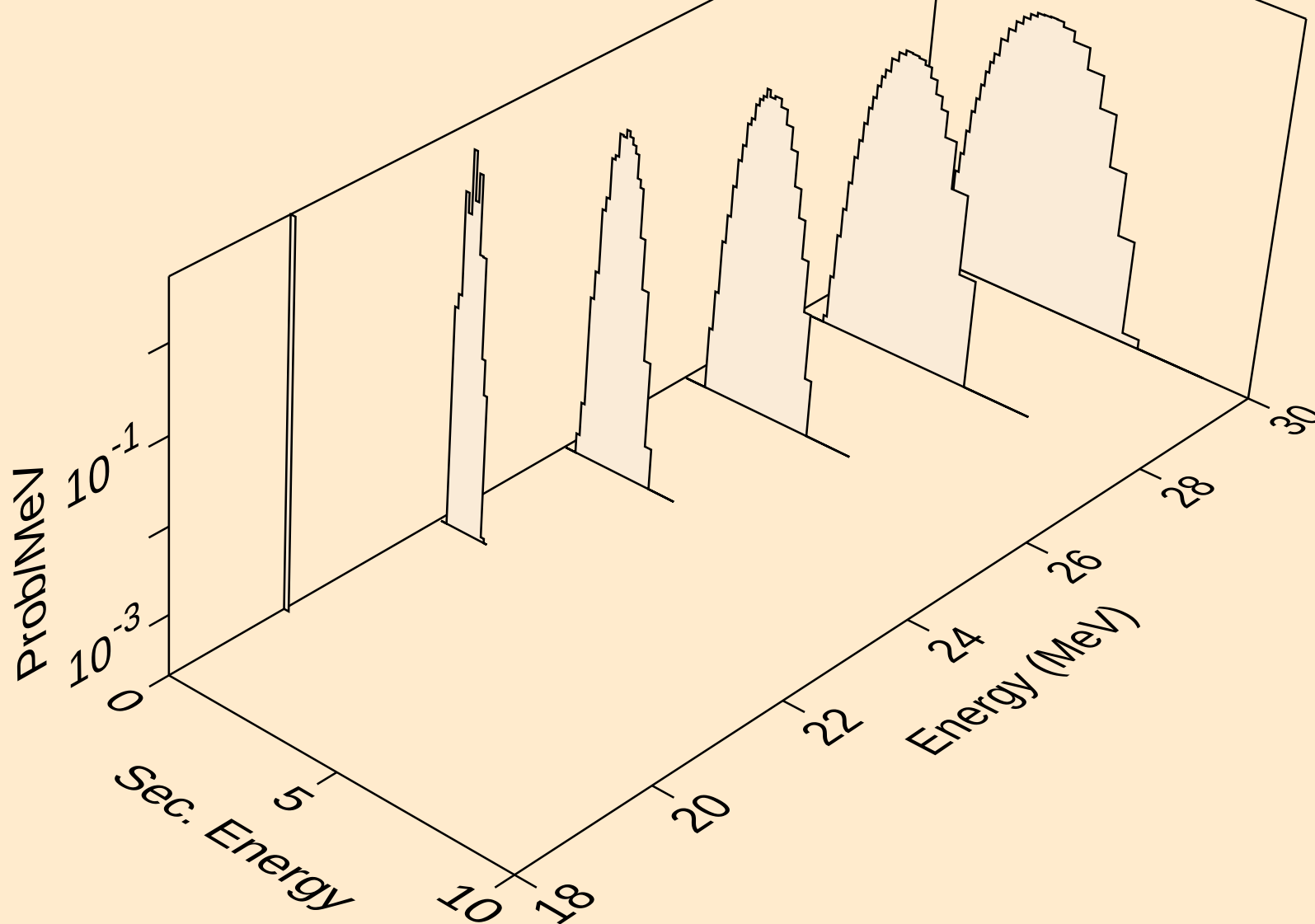
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deuterons from (a,d)



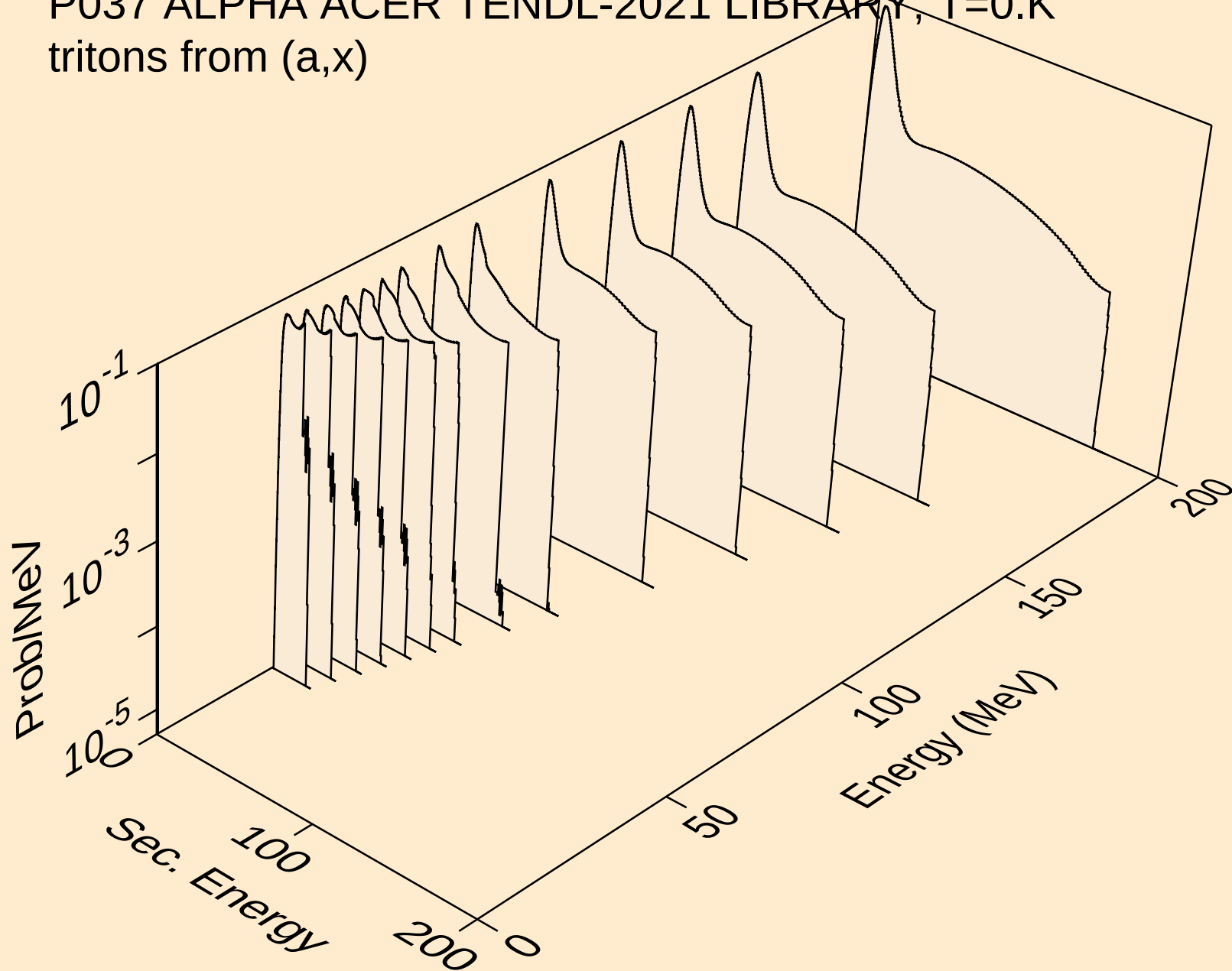
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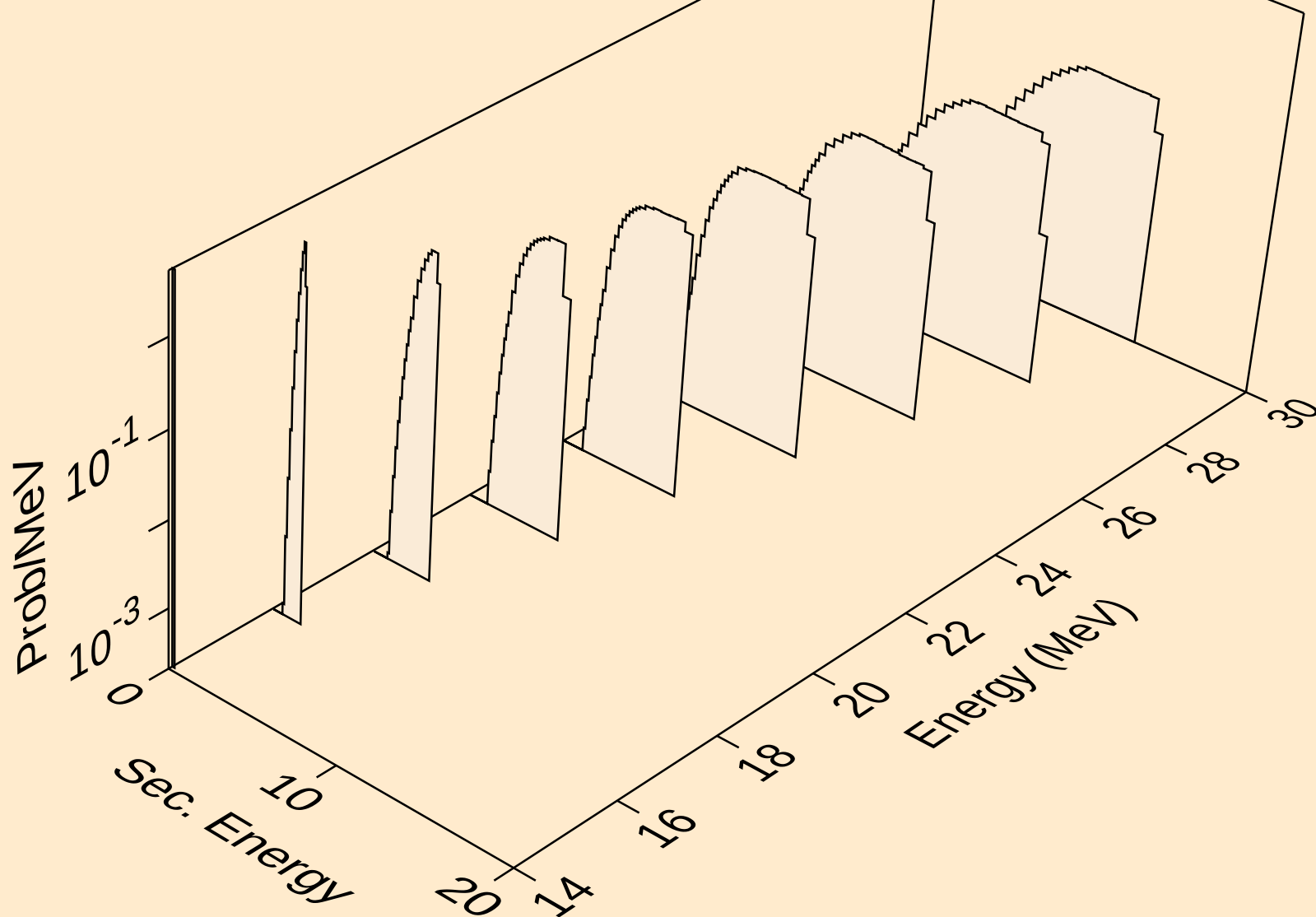
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deuterons from (a,da)



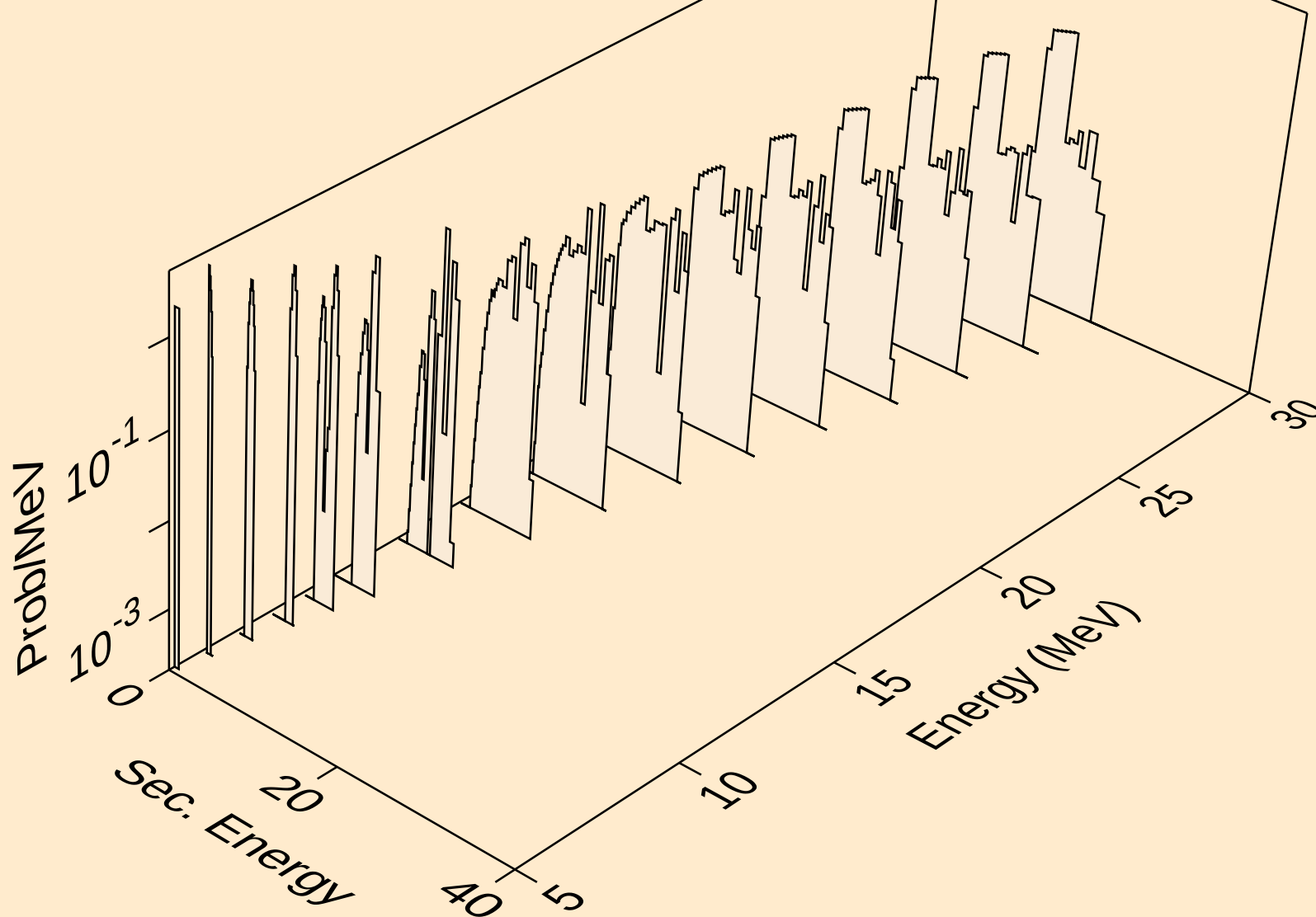
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tritons from (a,x)



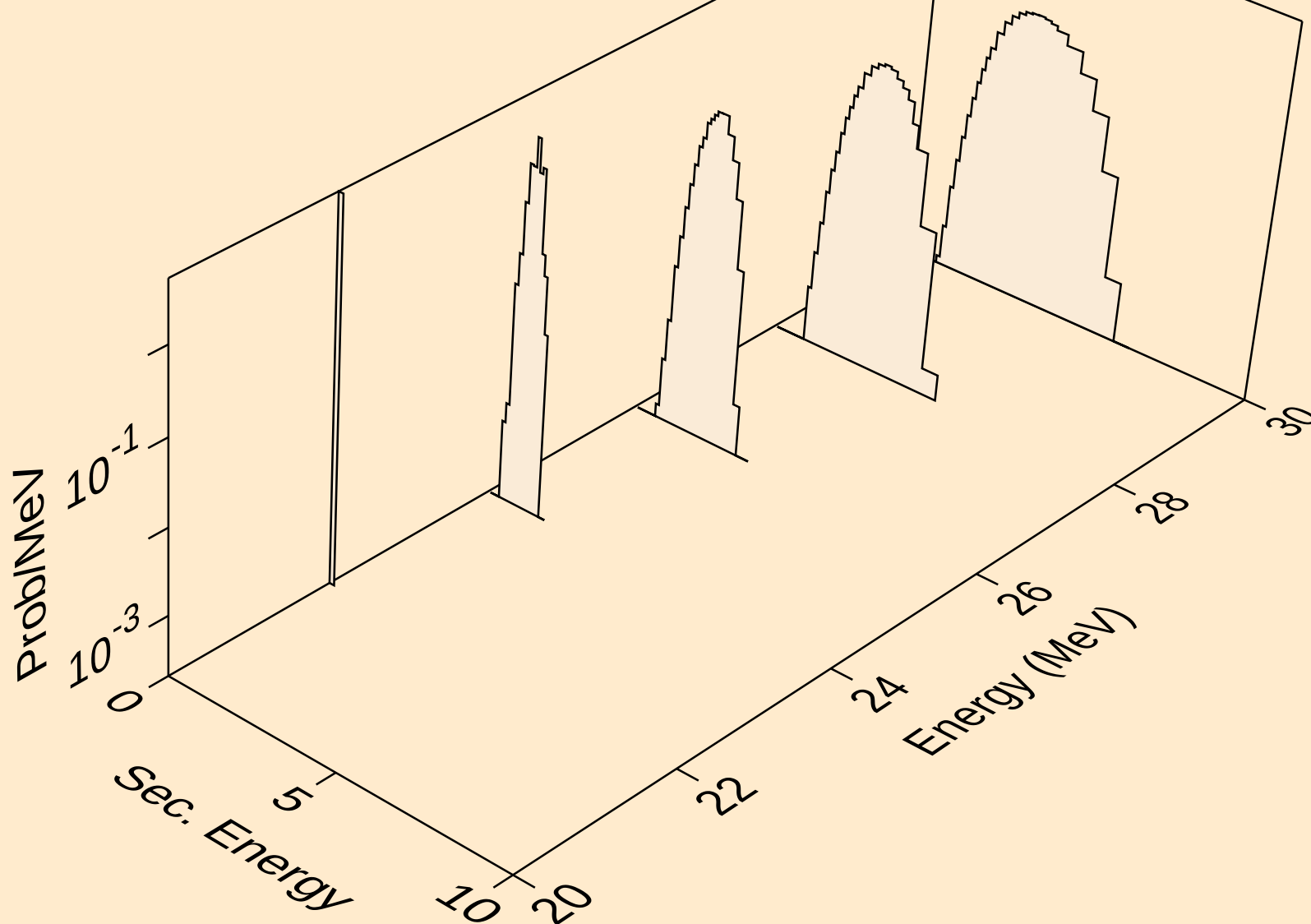
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tritons from (a,n*)t



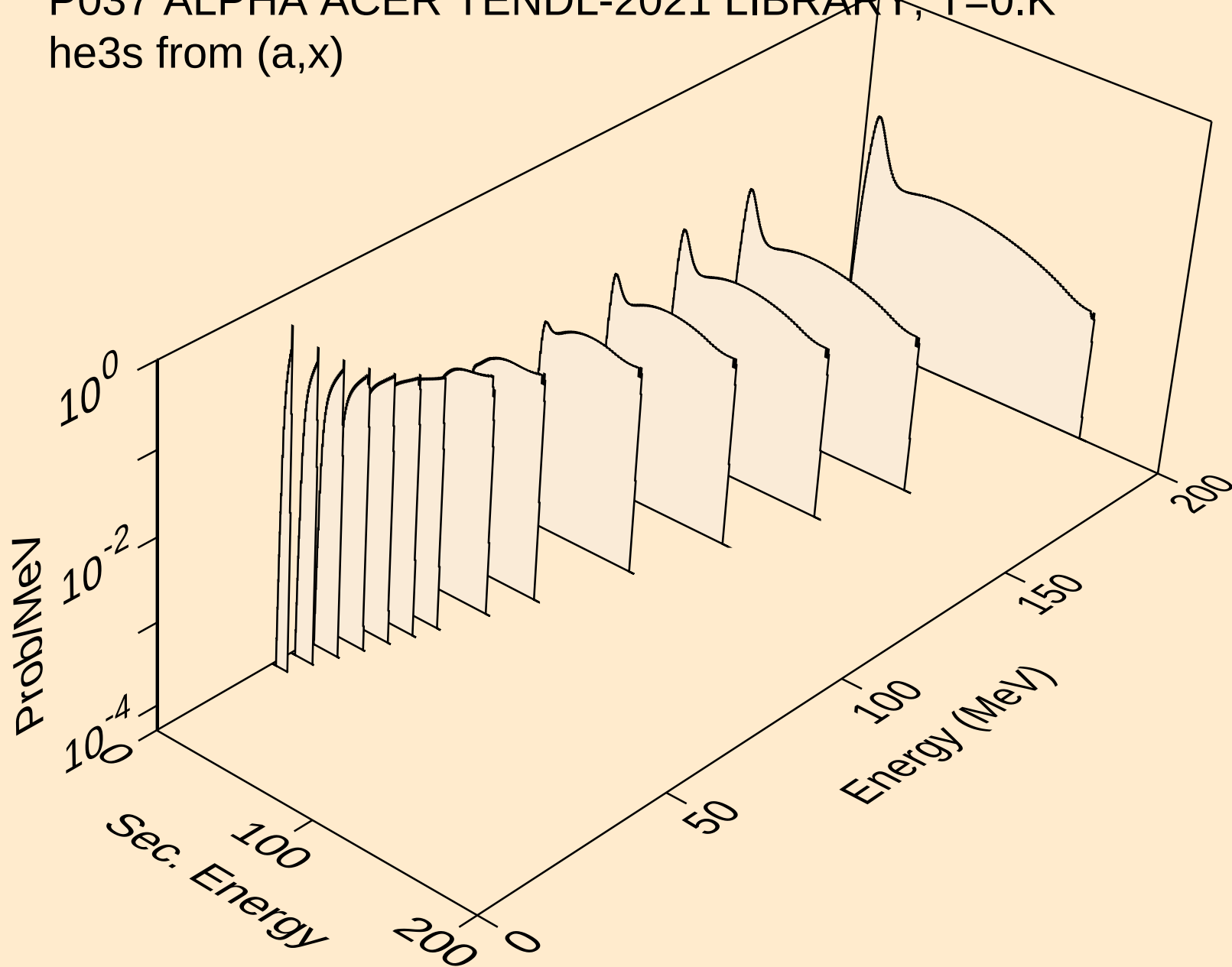
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tritons from (a,t)



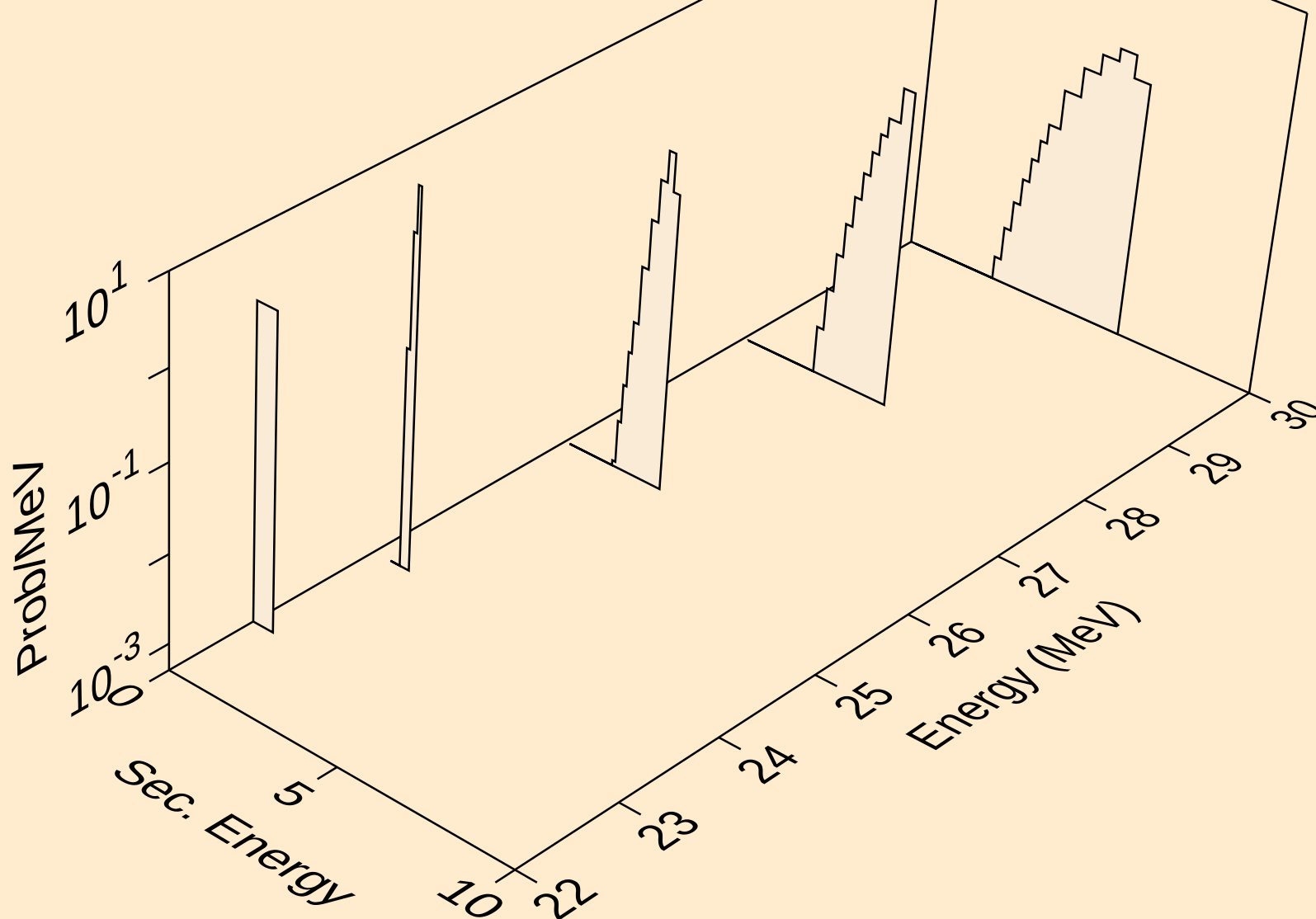
P037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
tritons from (a,pt)



P037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
he3s from (a,x)



P037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
he3s from (a,n*)he3



P037 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
he3s from (a,he3)

