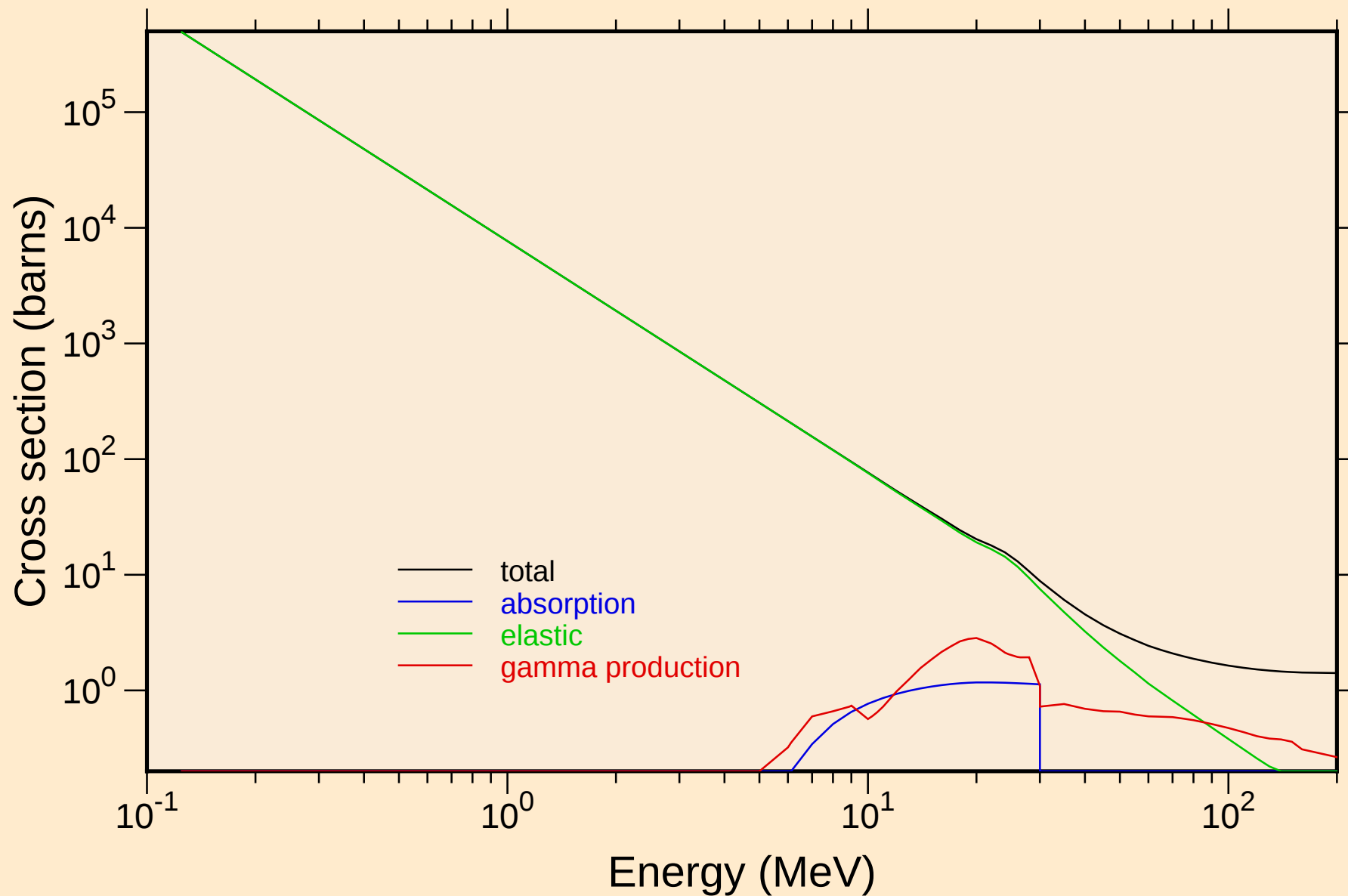


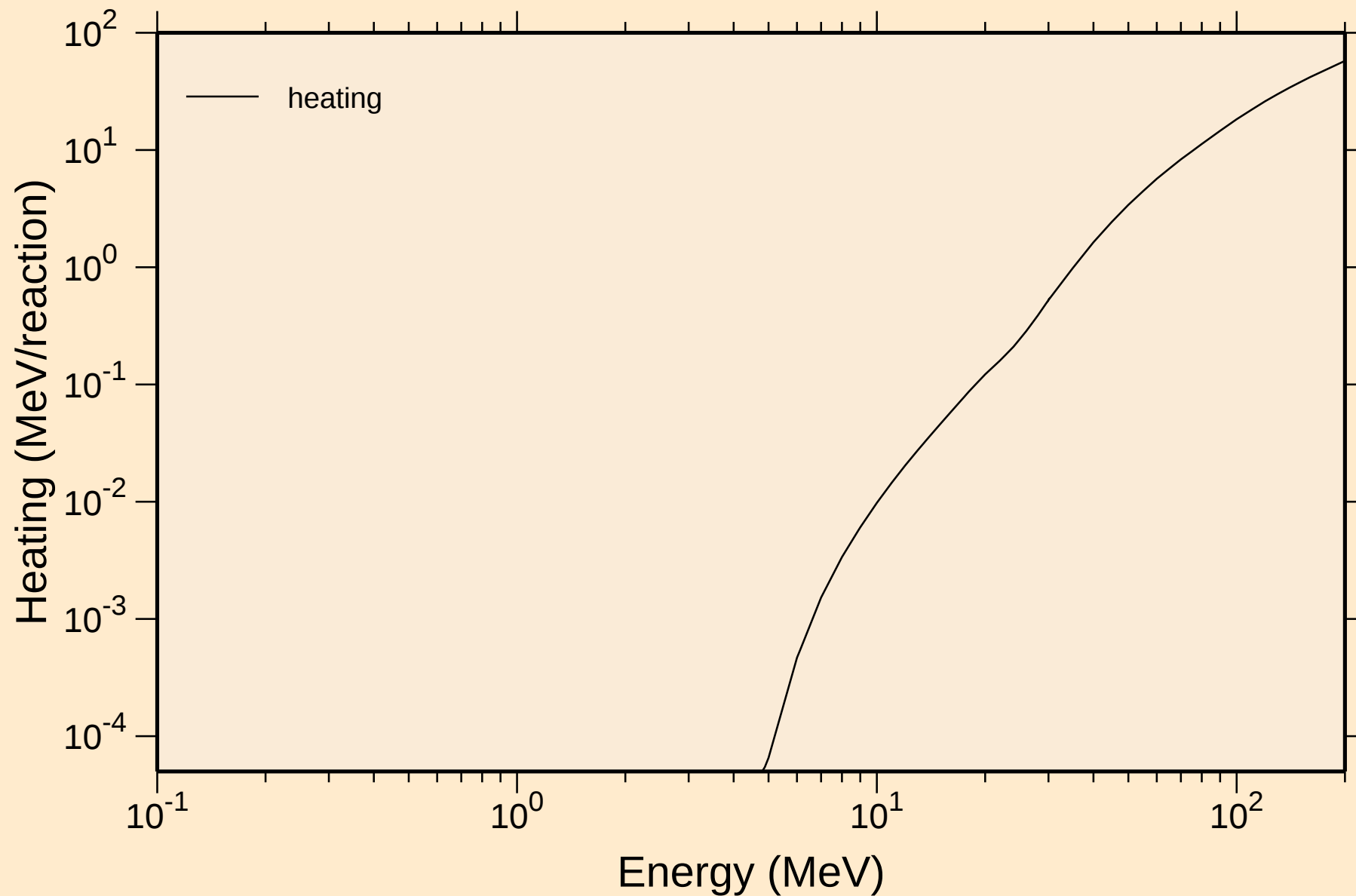
S038 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections



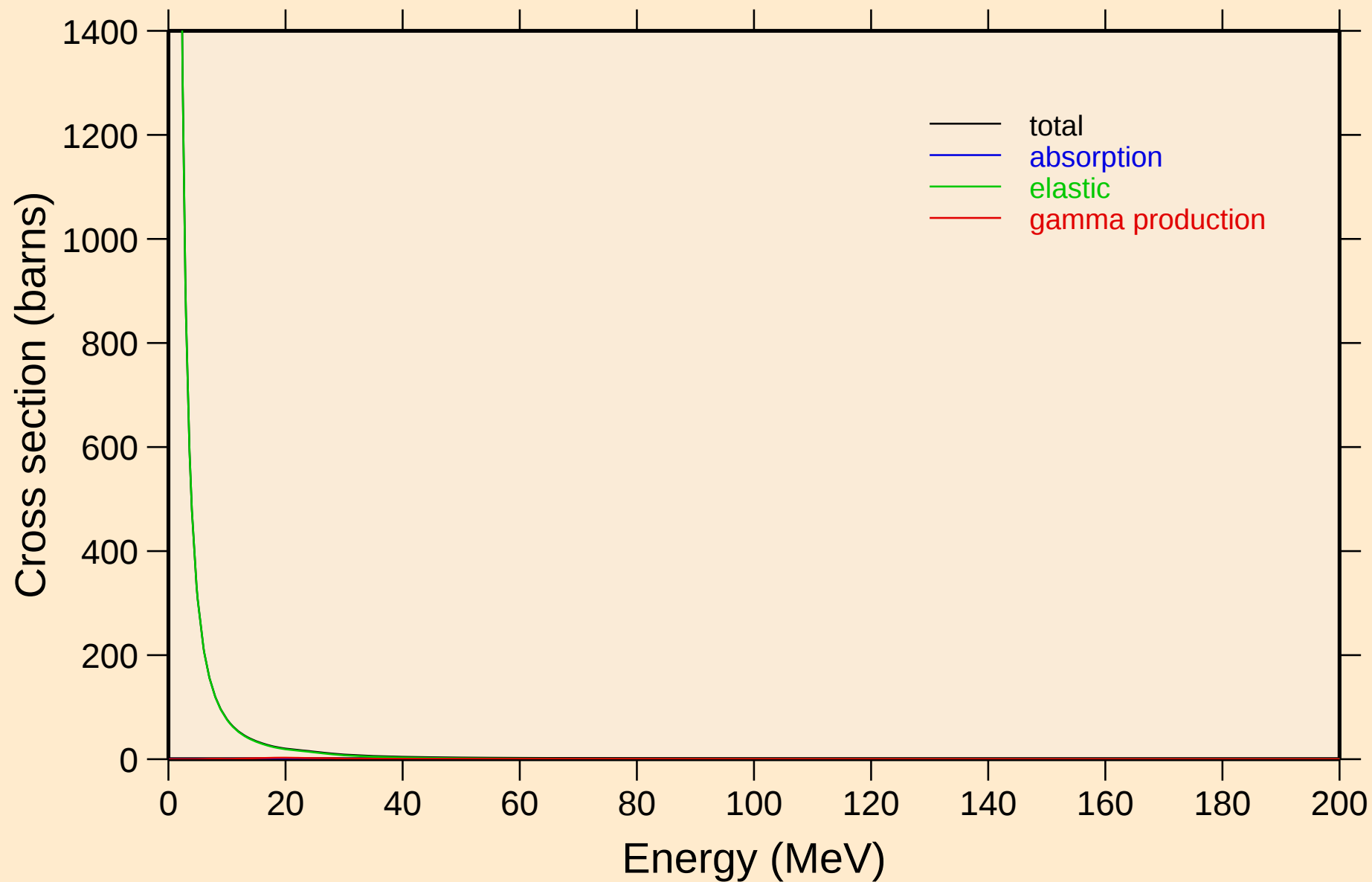
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Heating



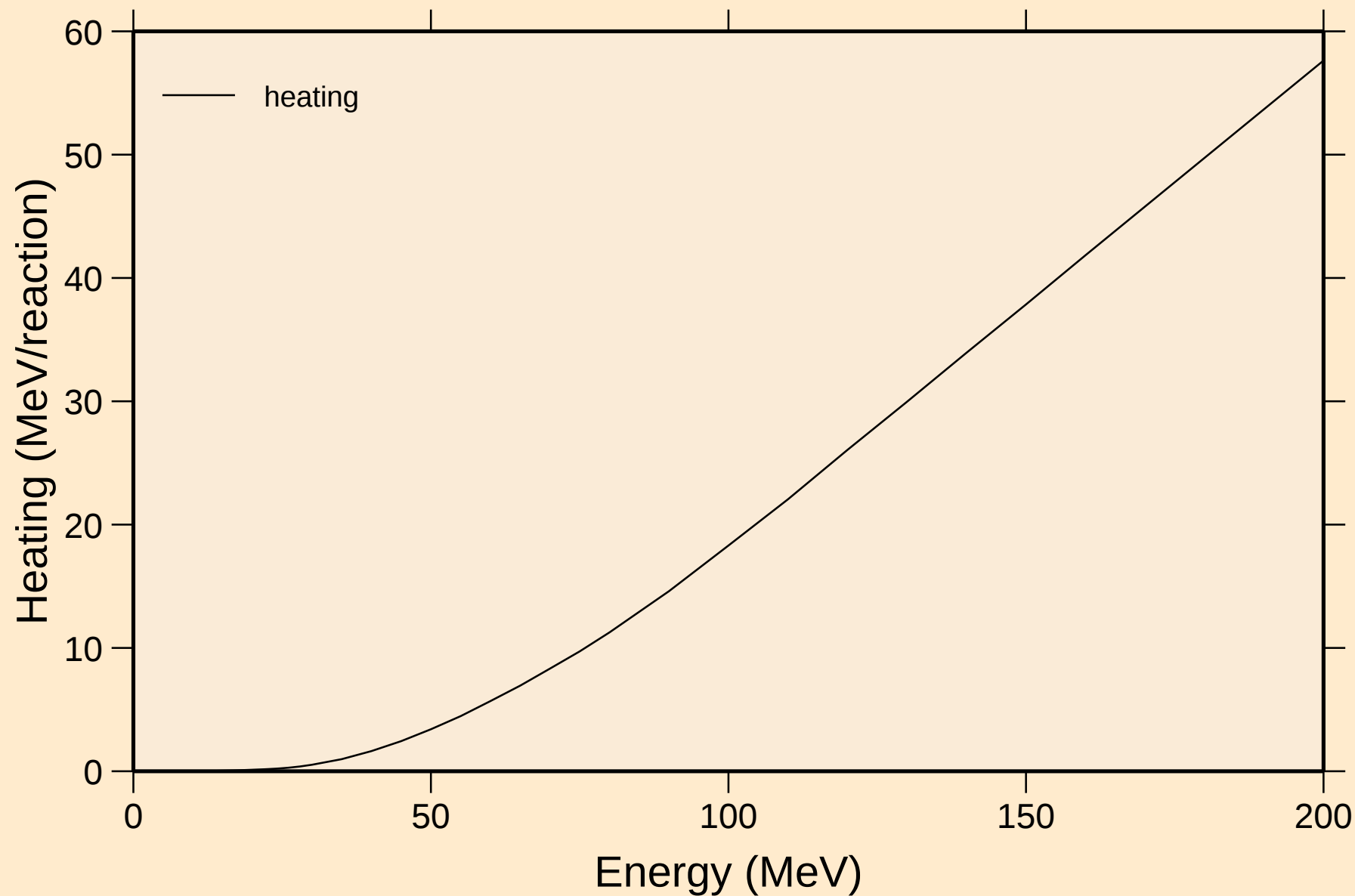
S038 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections



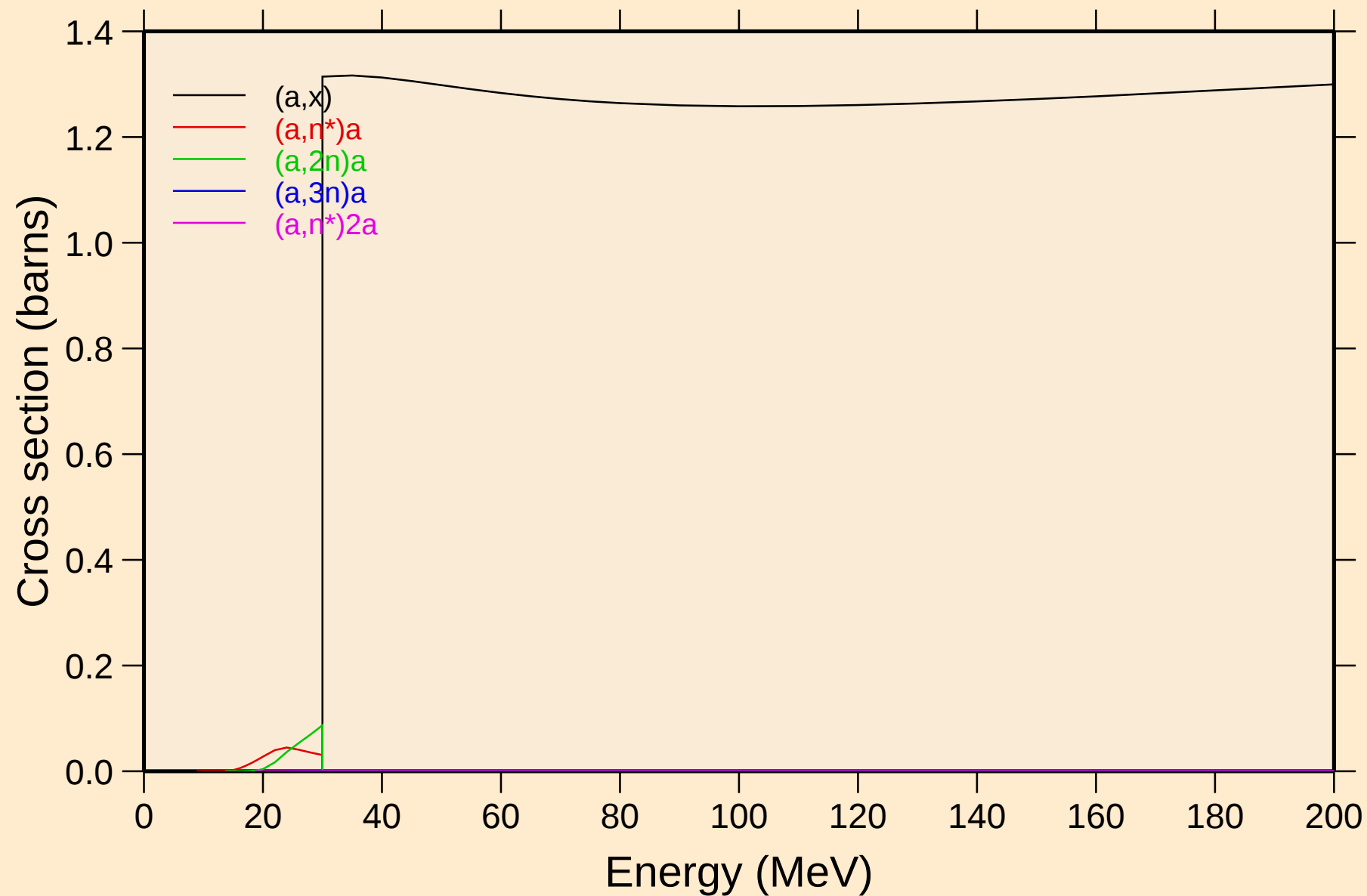
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Heating



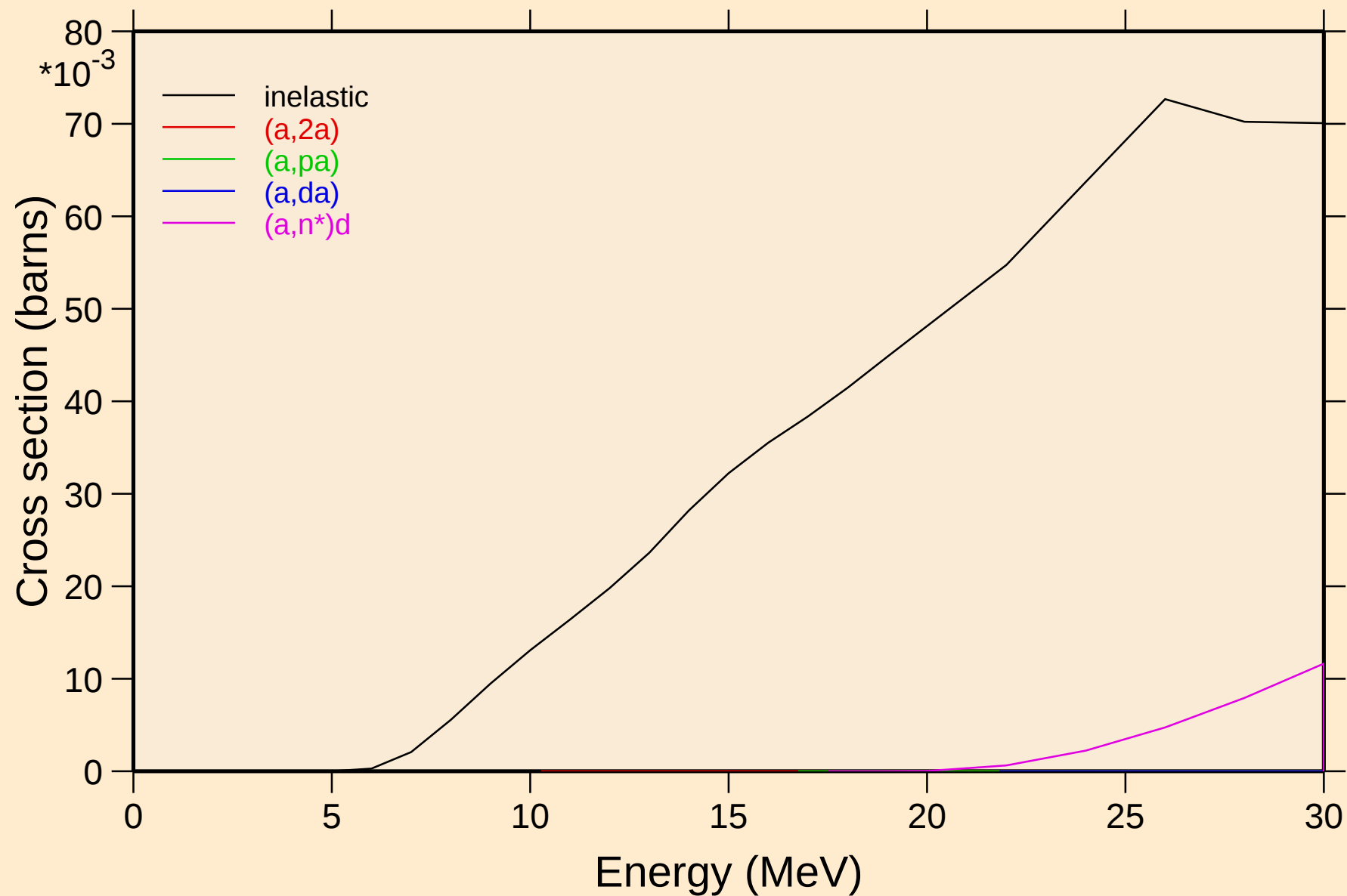
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Threshold reactions



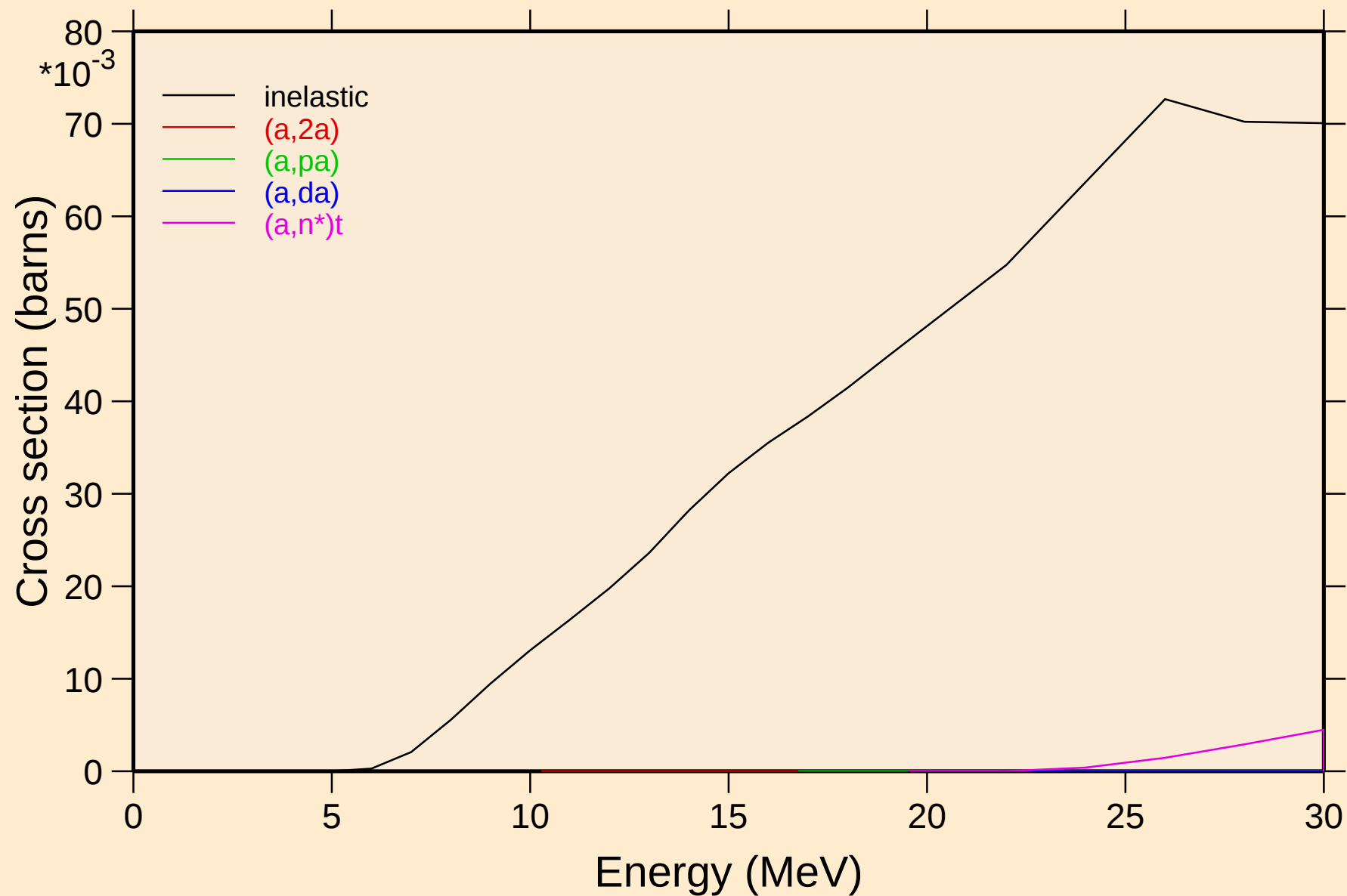
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Threshold reactions



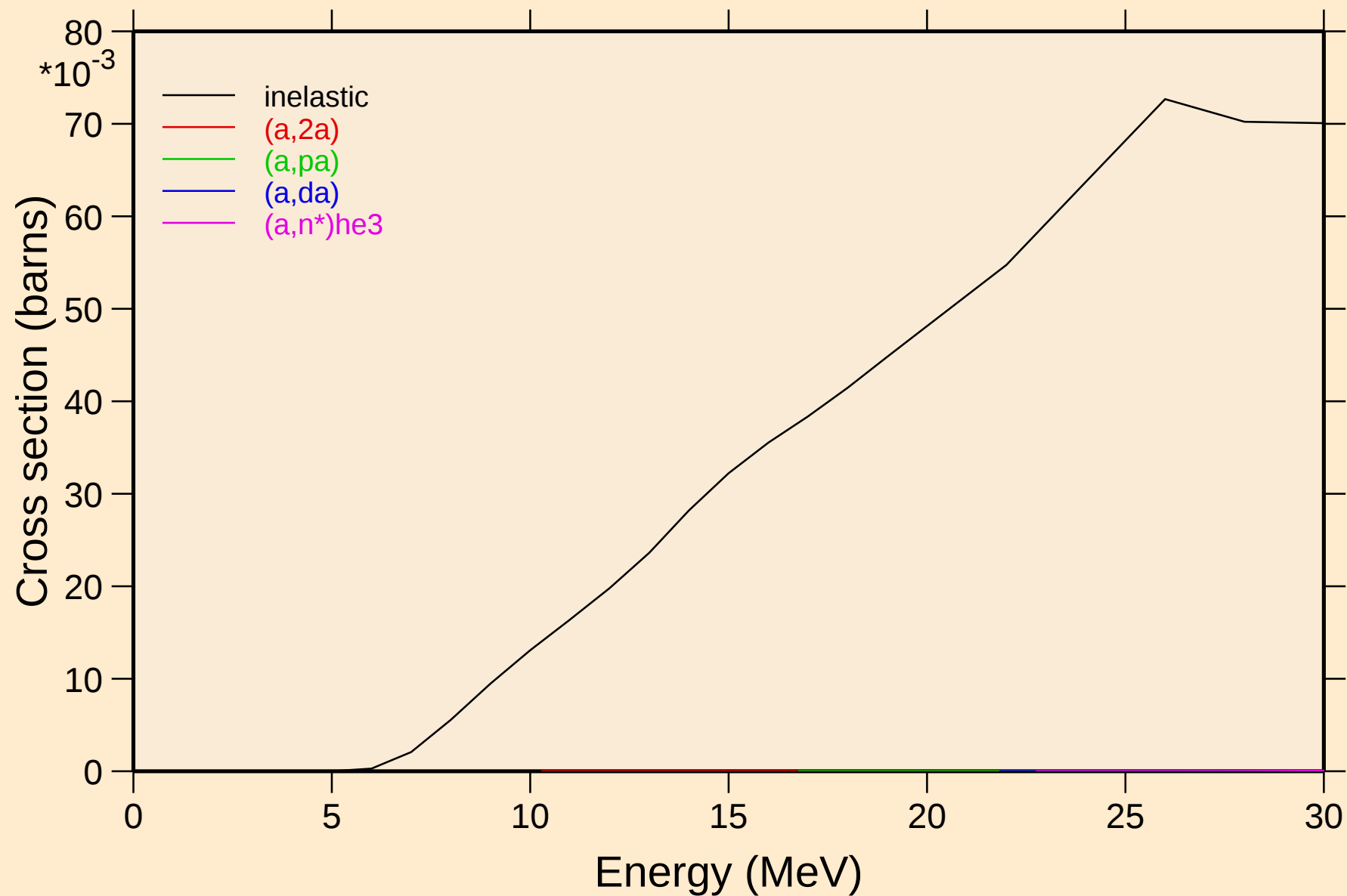
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Threshold reactions



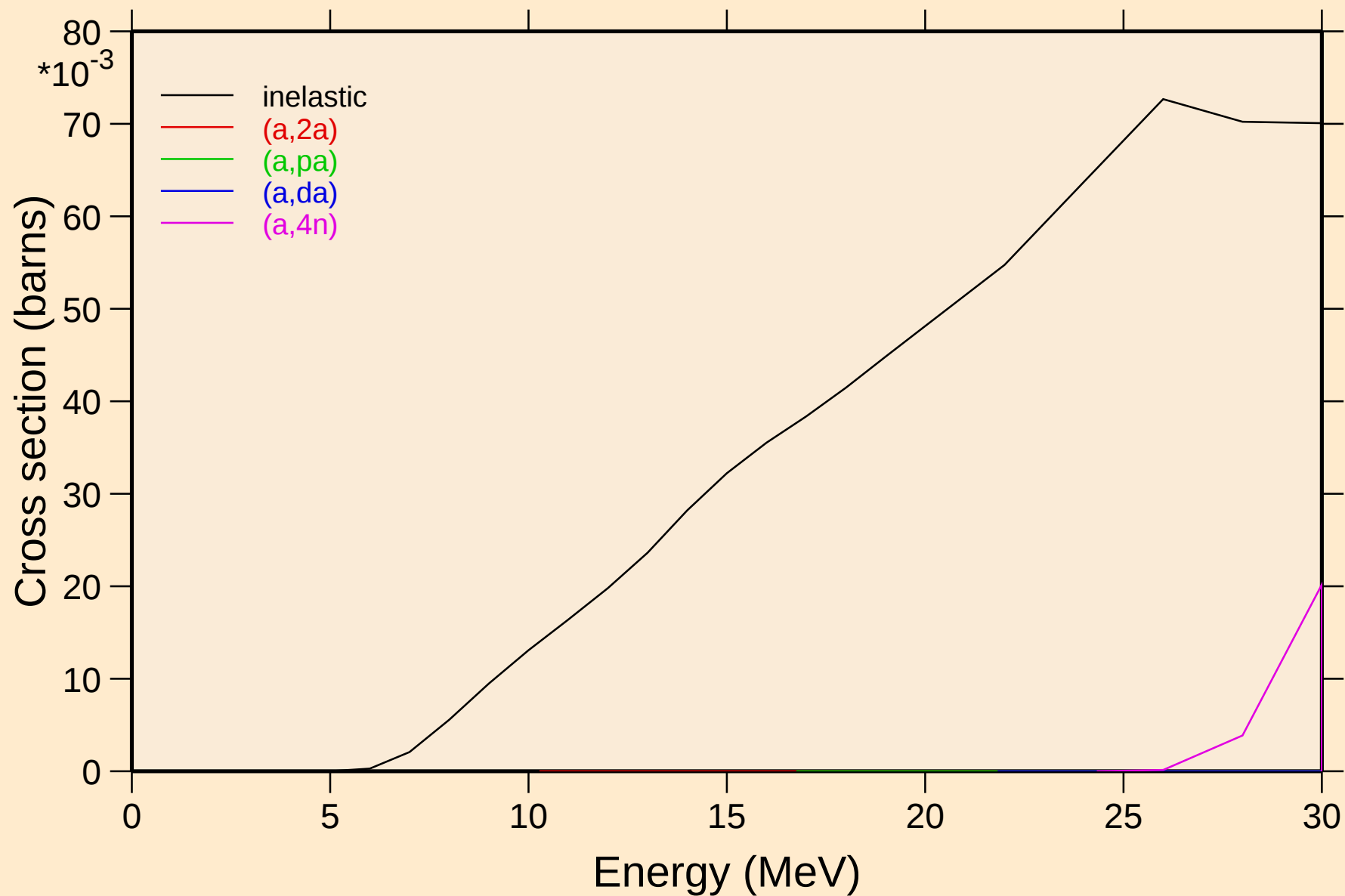
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Threshold reactions



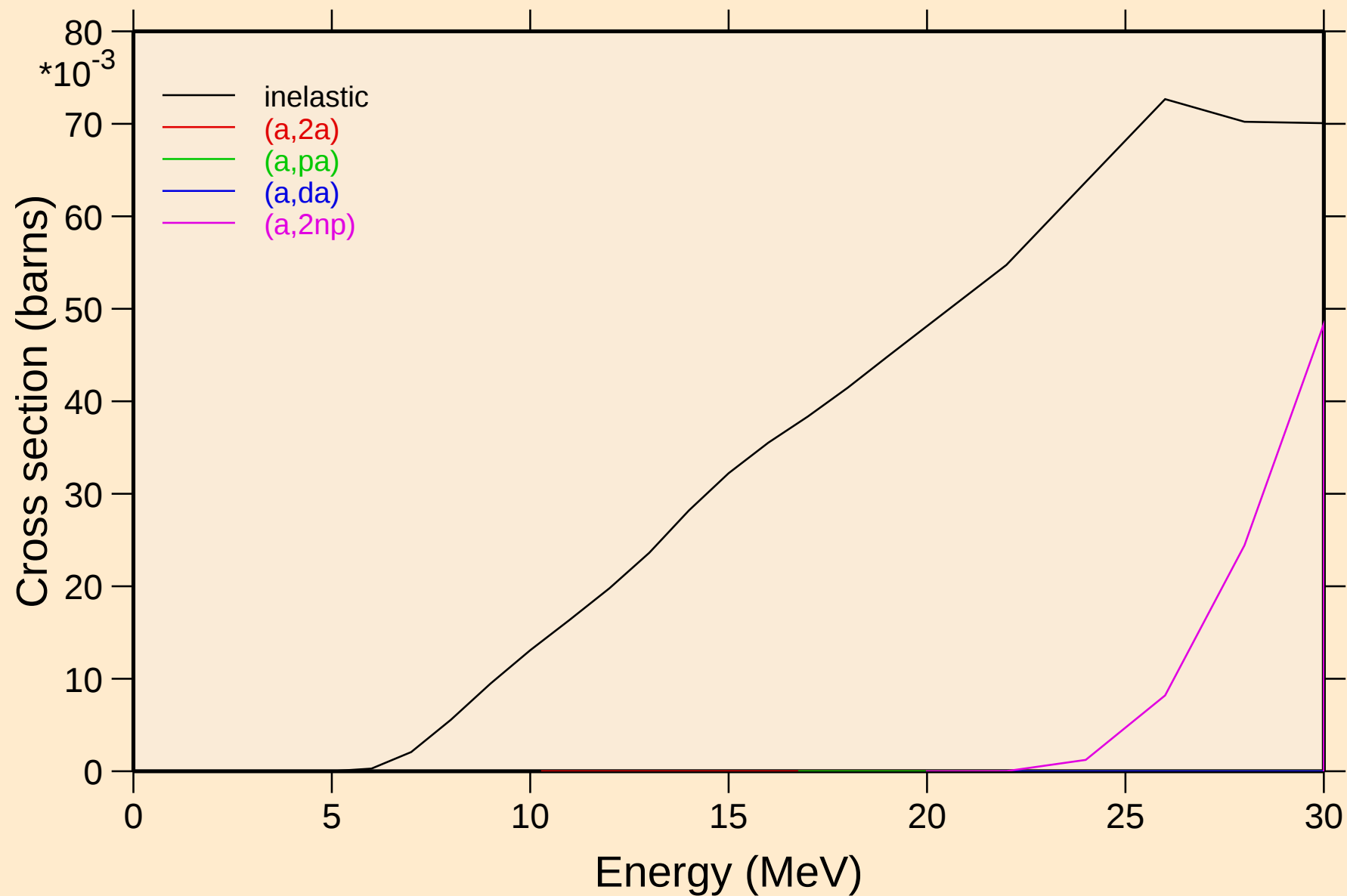
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Threshold reactions



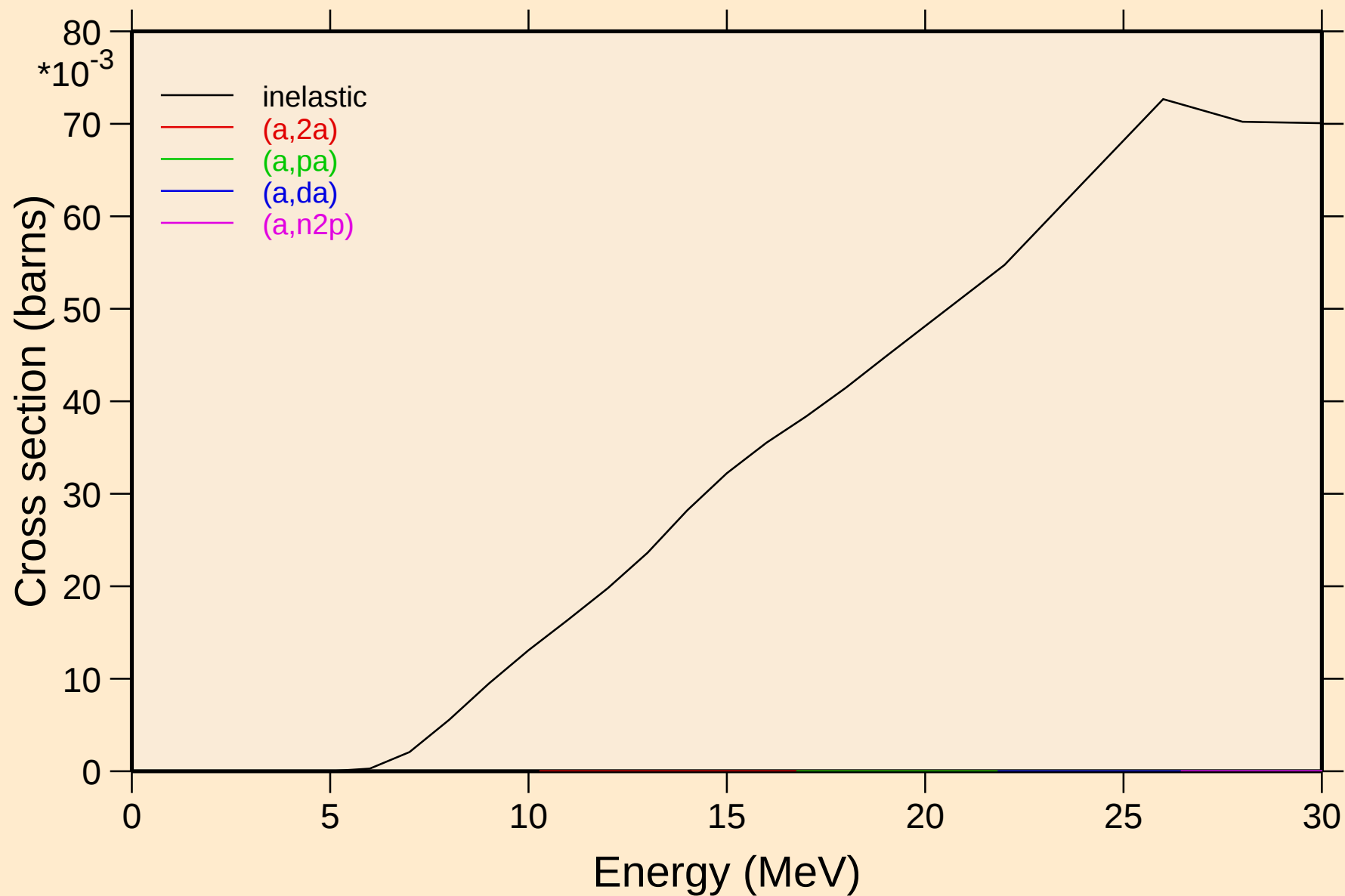
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Threshold reactions



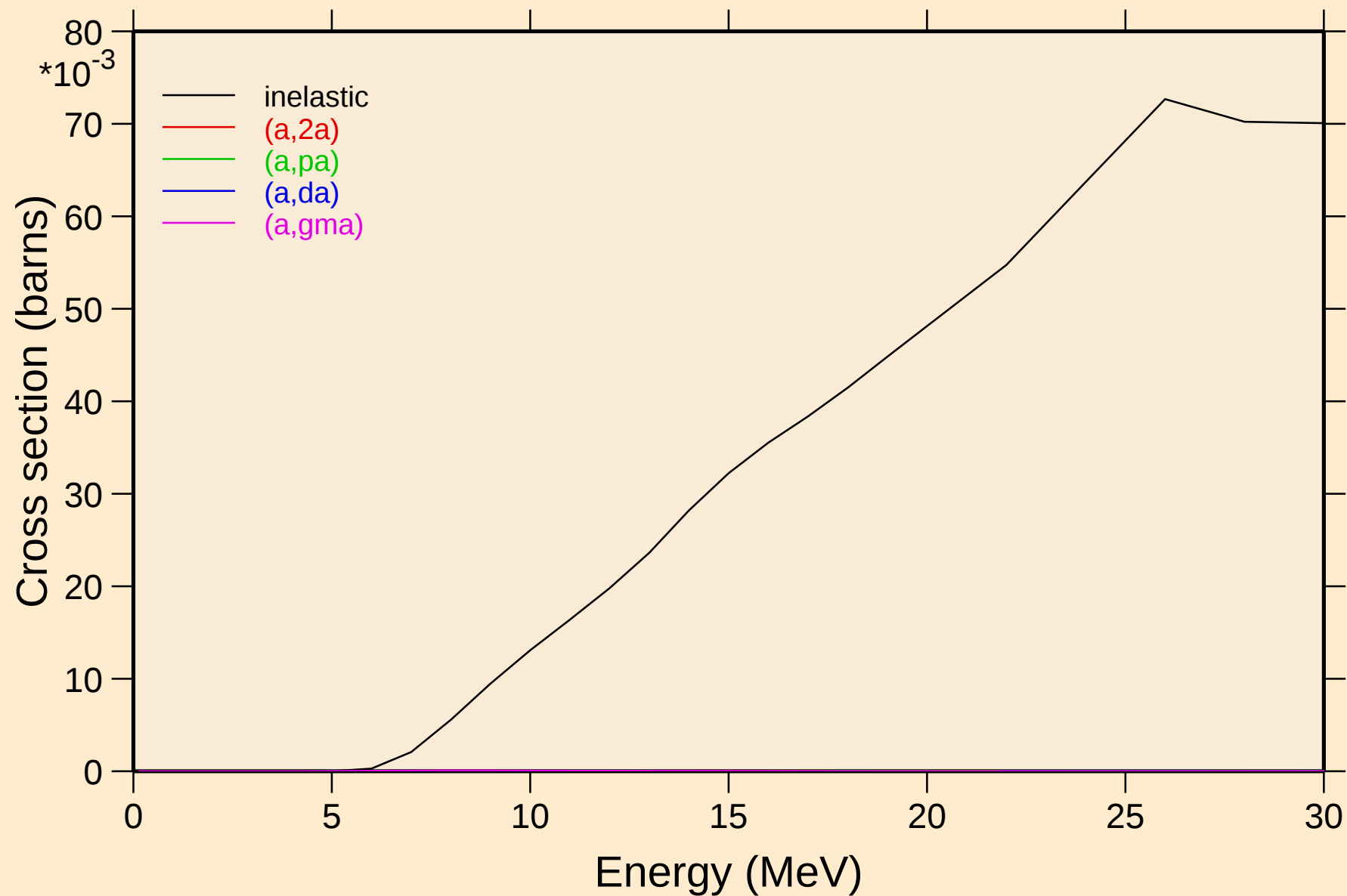
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Threshold reactions



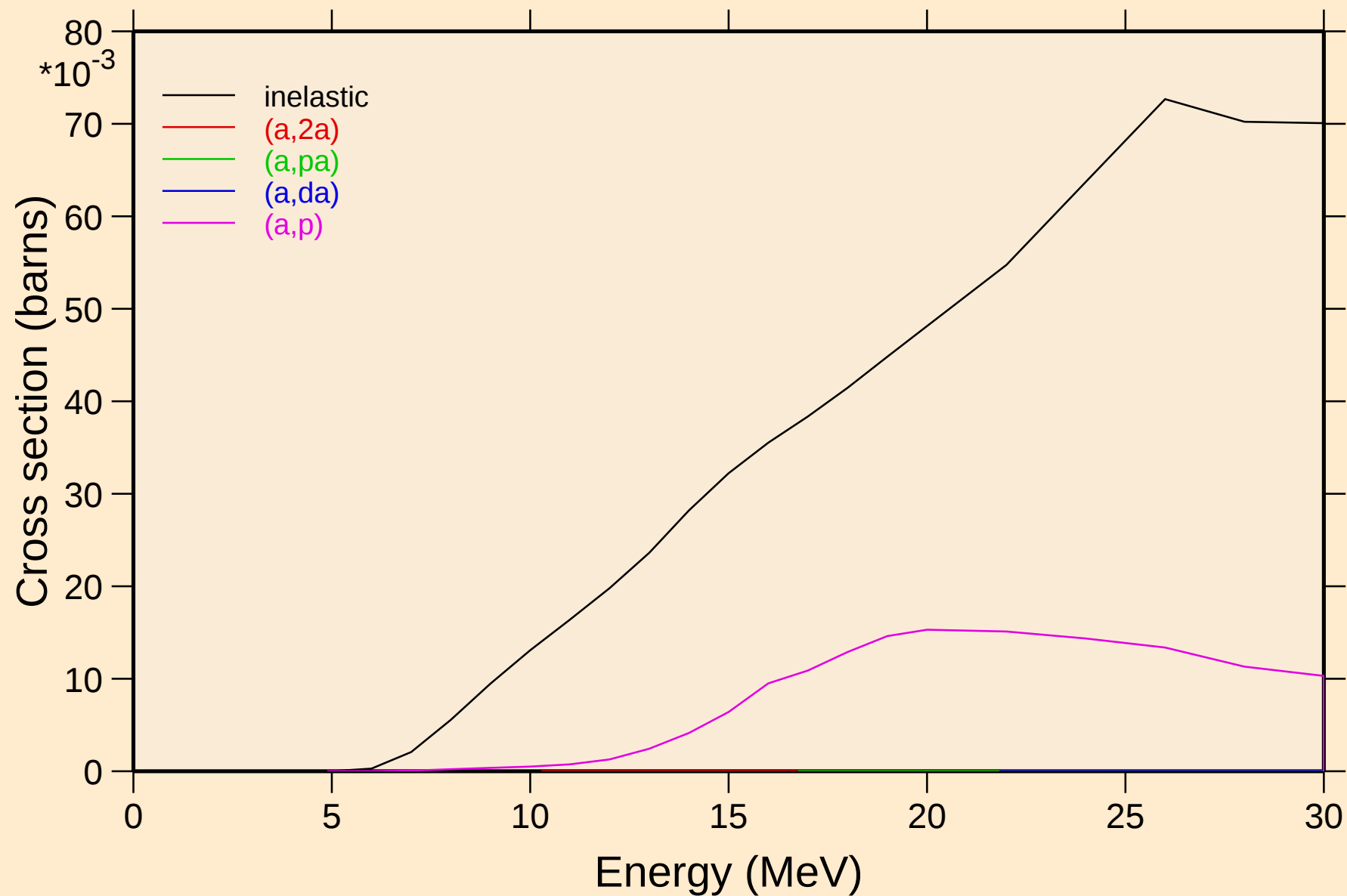
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Threshold reactions



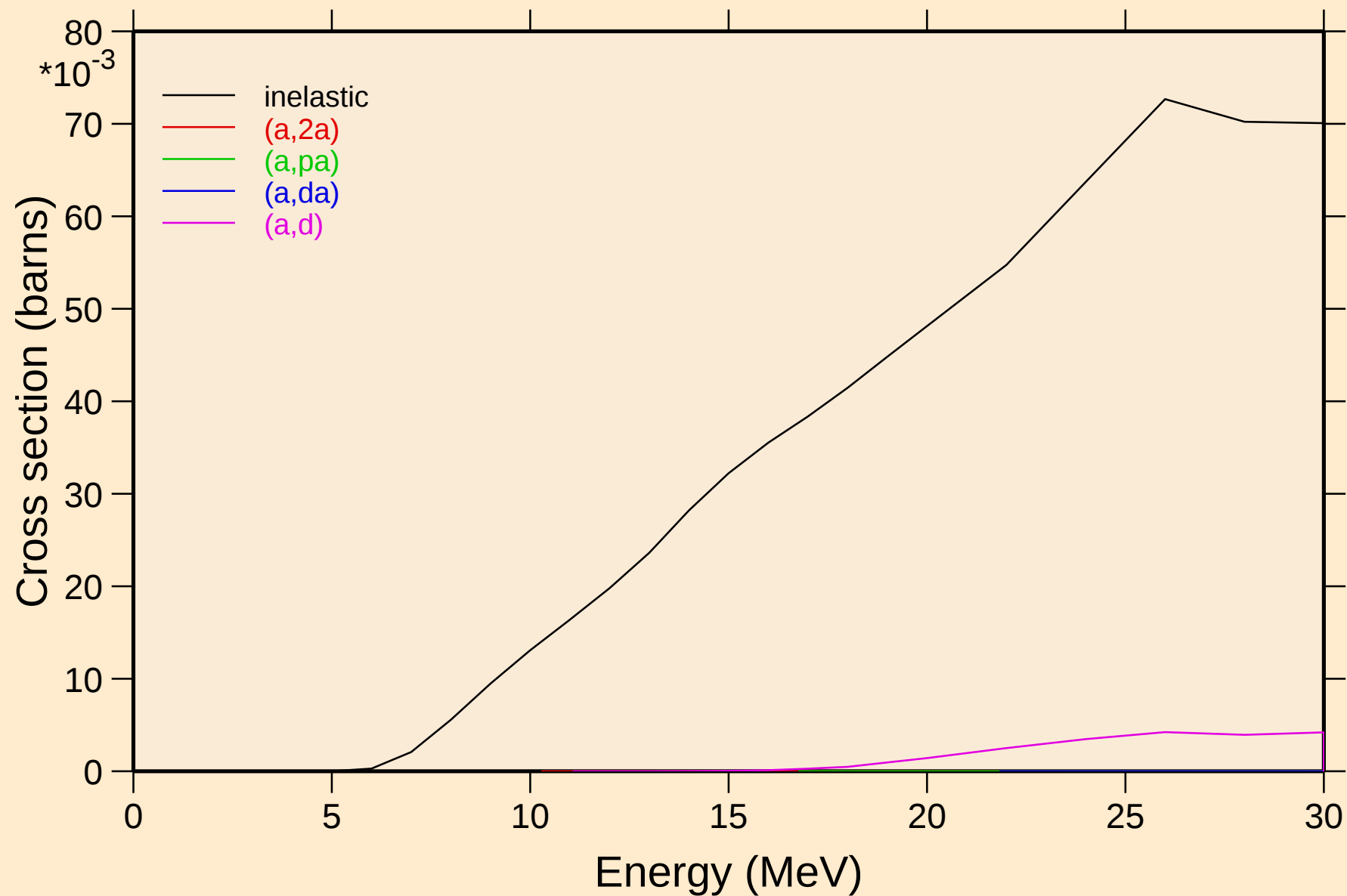
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Threshold reactions



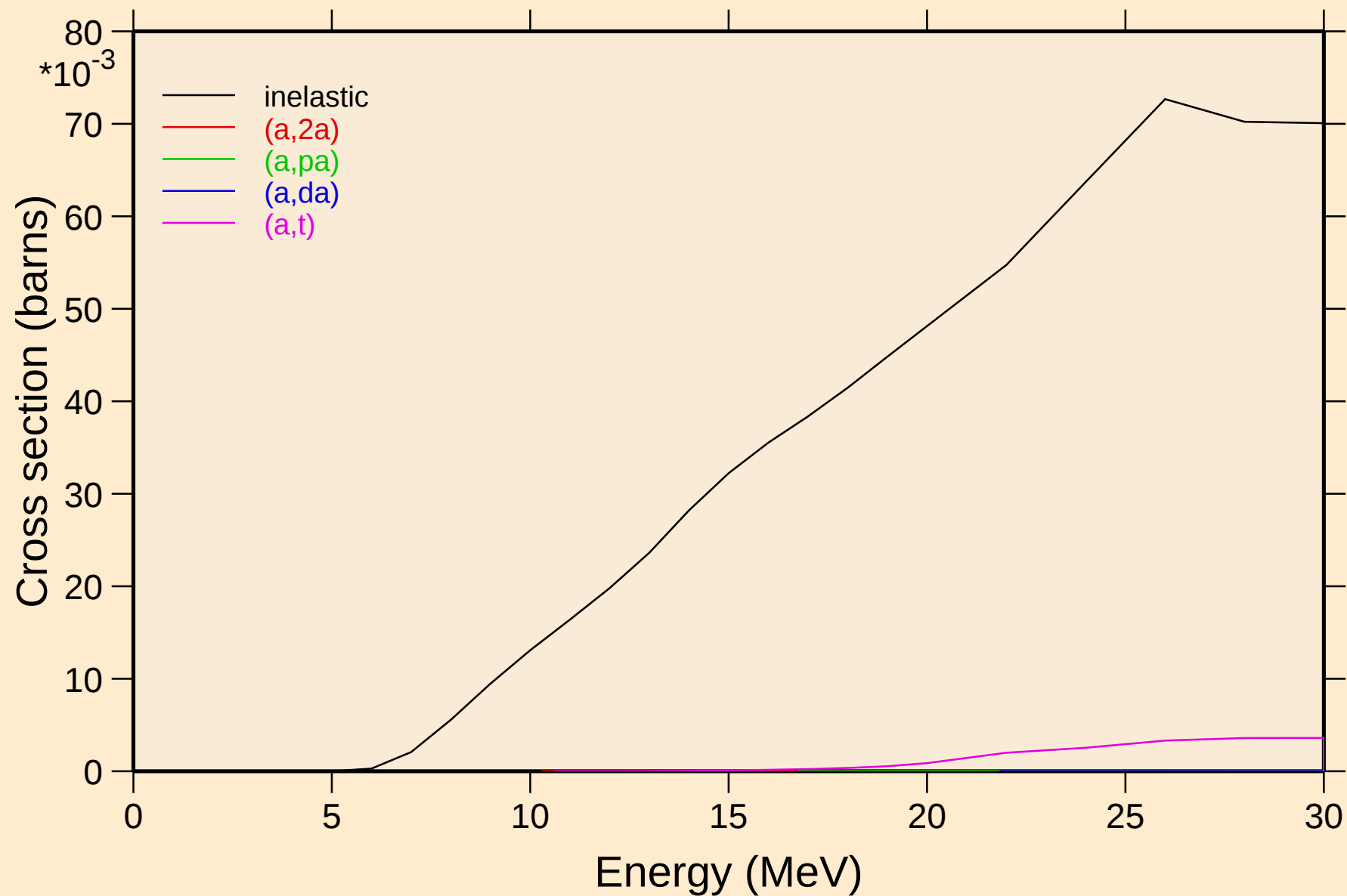
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Threshold reactions



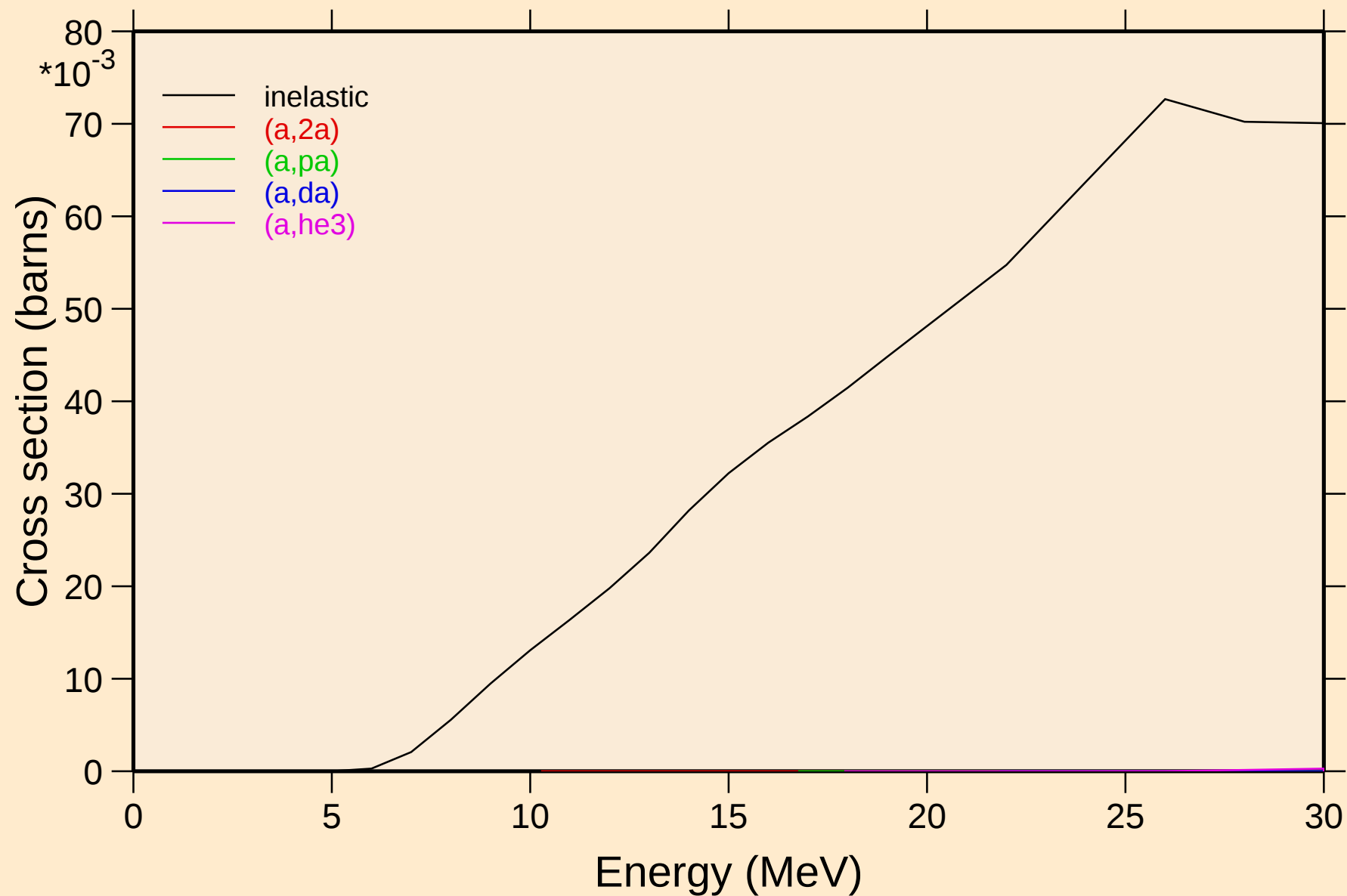
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Threshold reactions



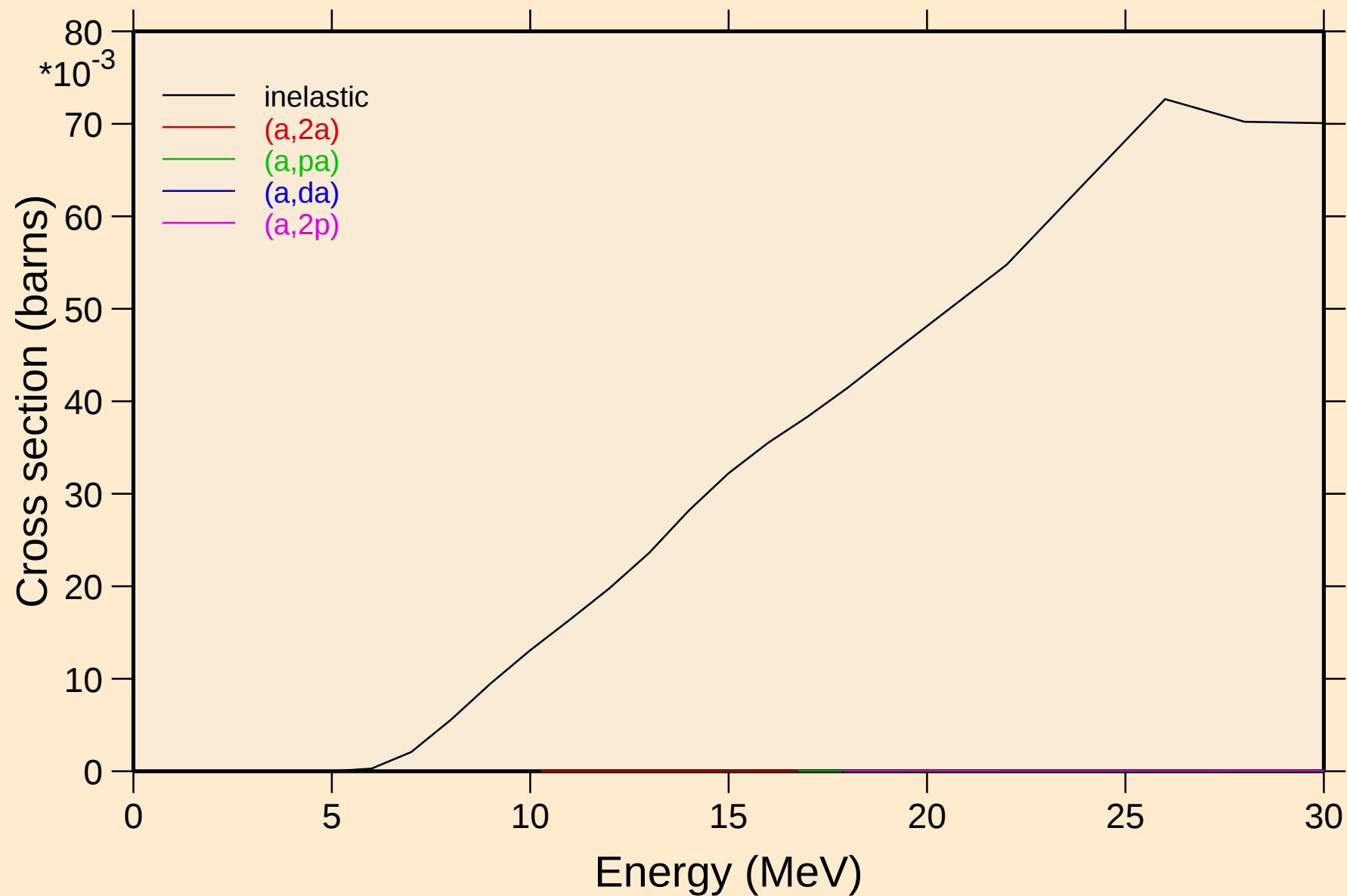
S038 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions



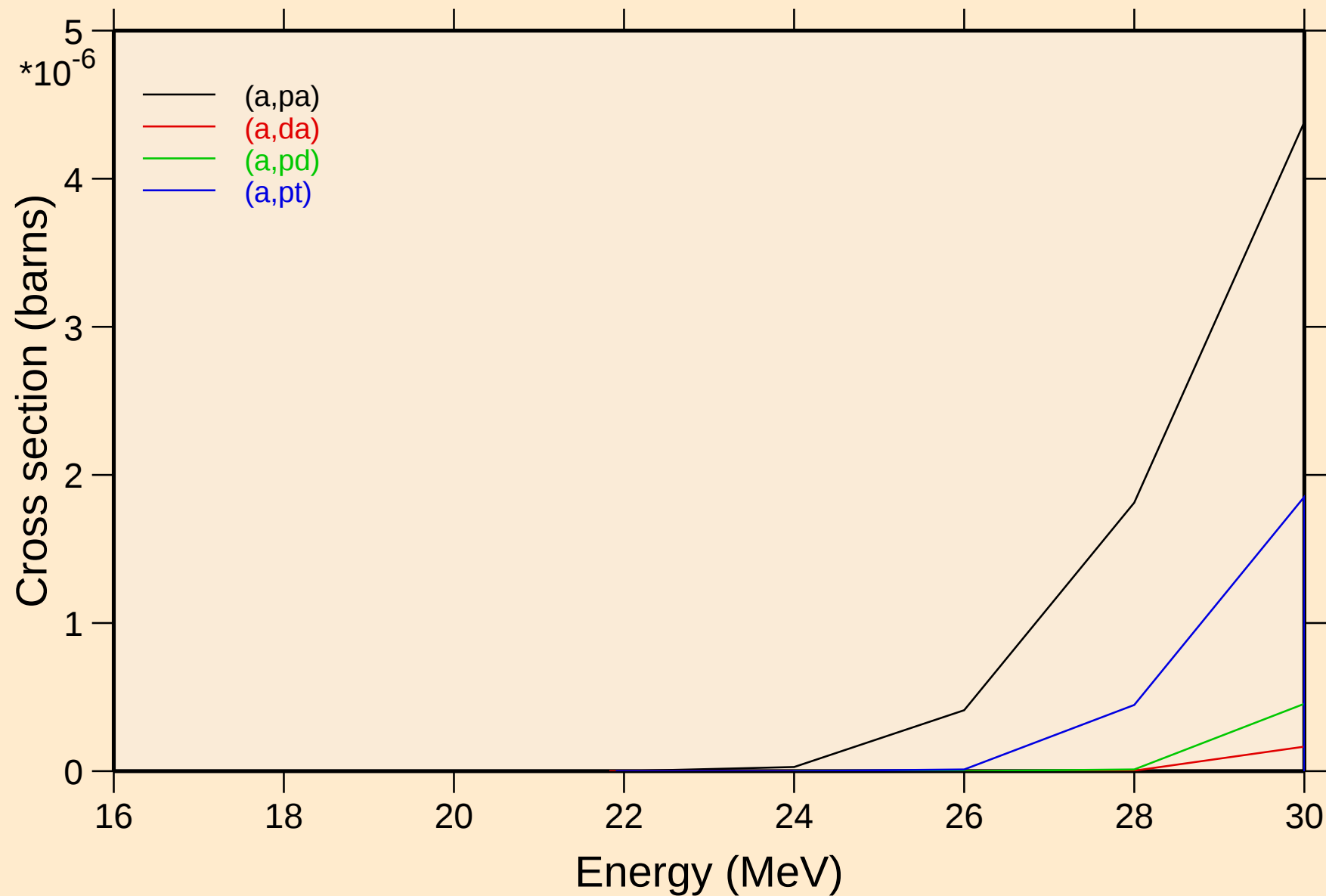
S038 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions



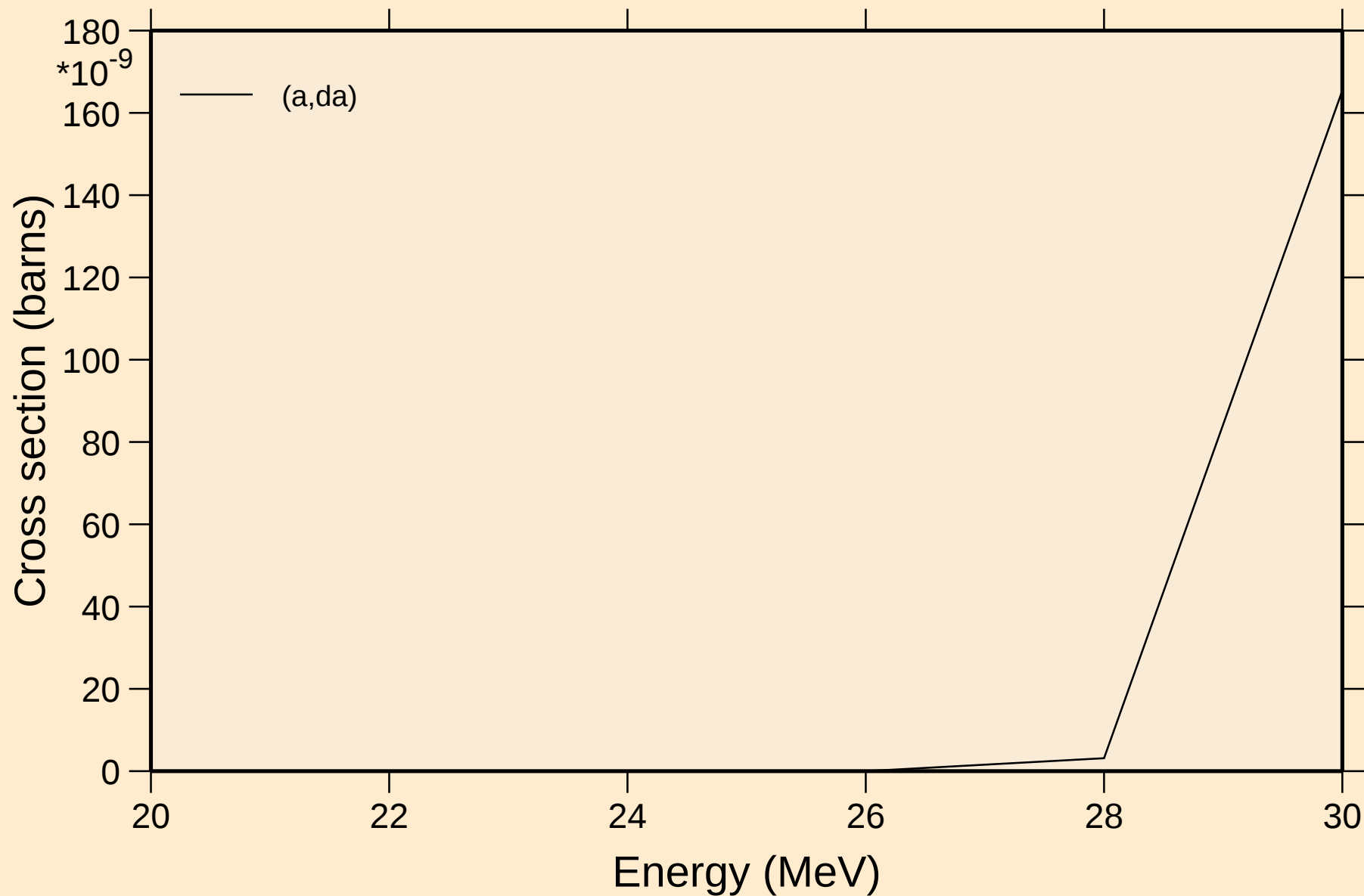
S038 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions

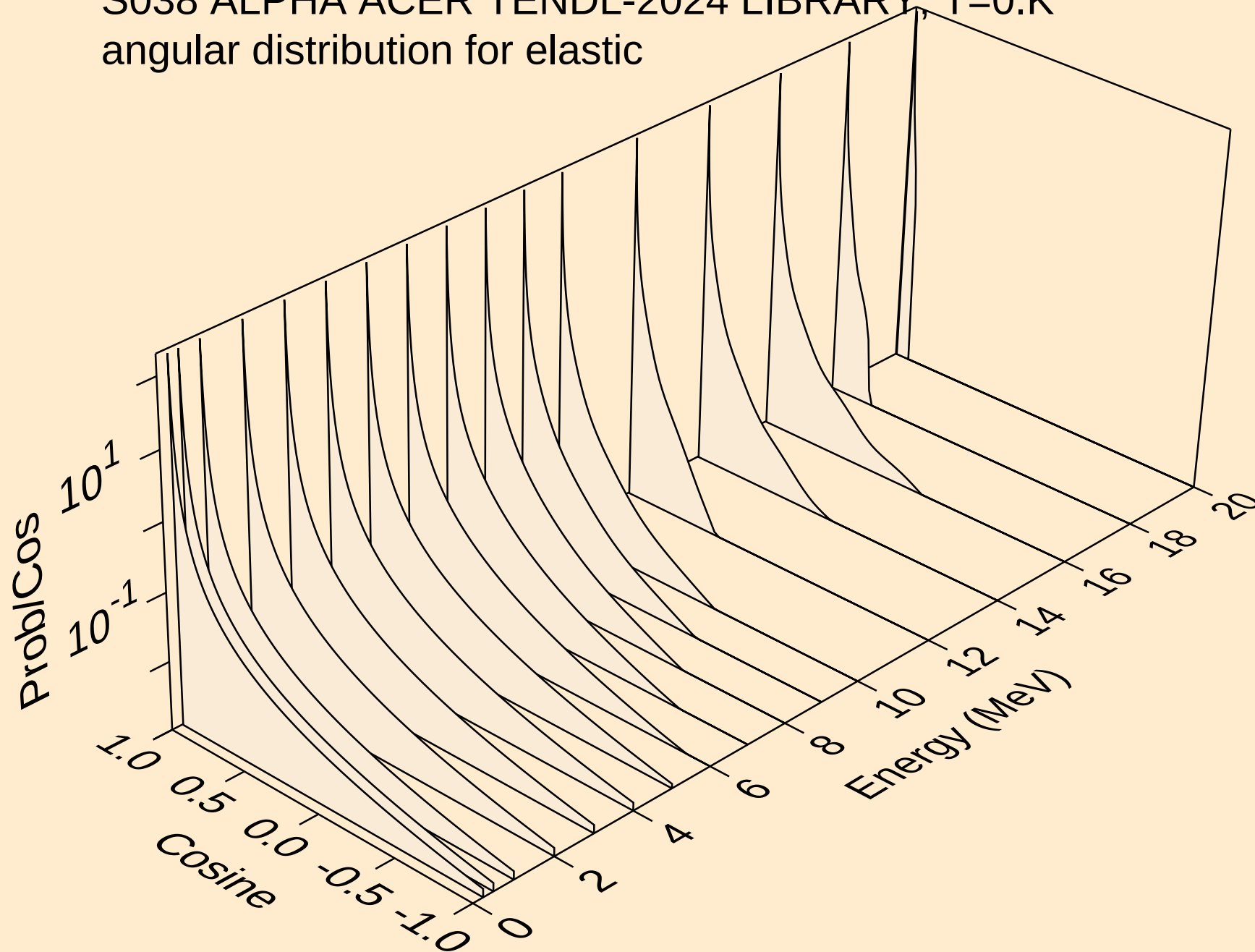


S038 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

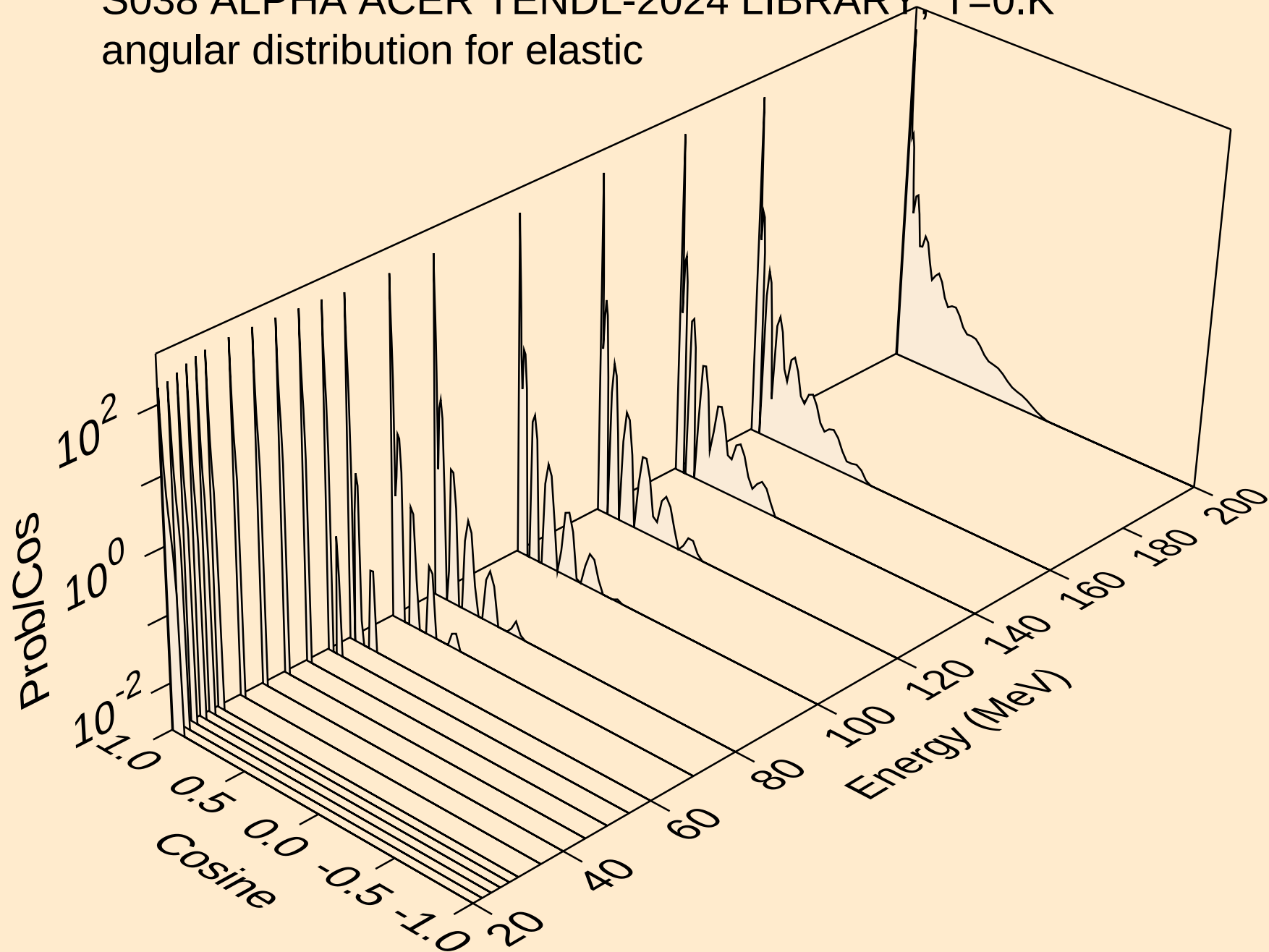
Threshold reactions



S038 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic

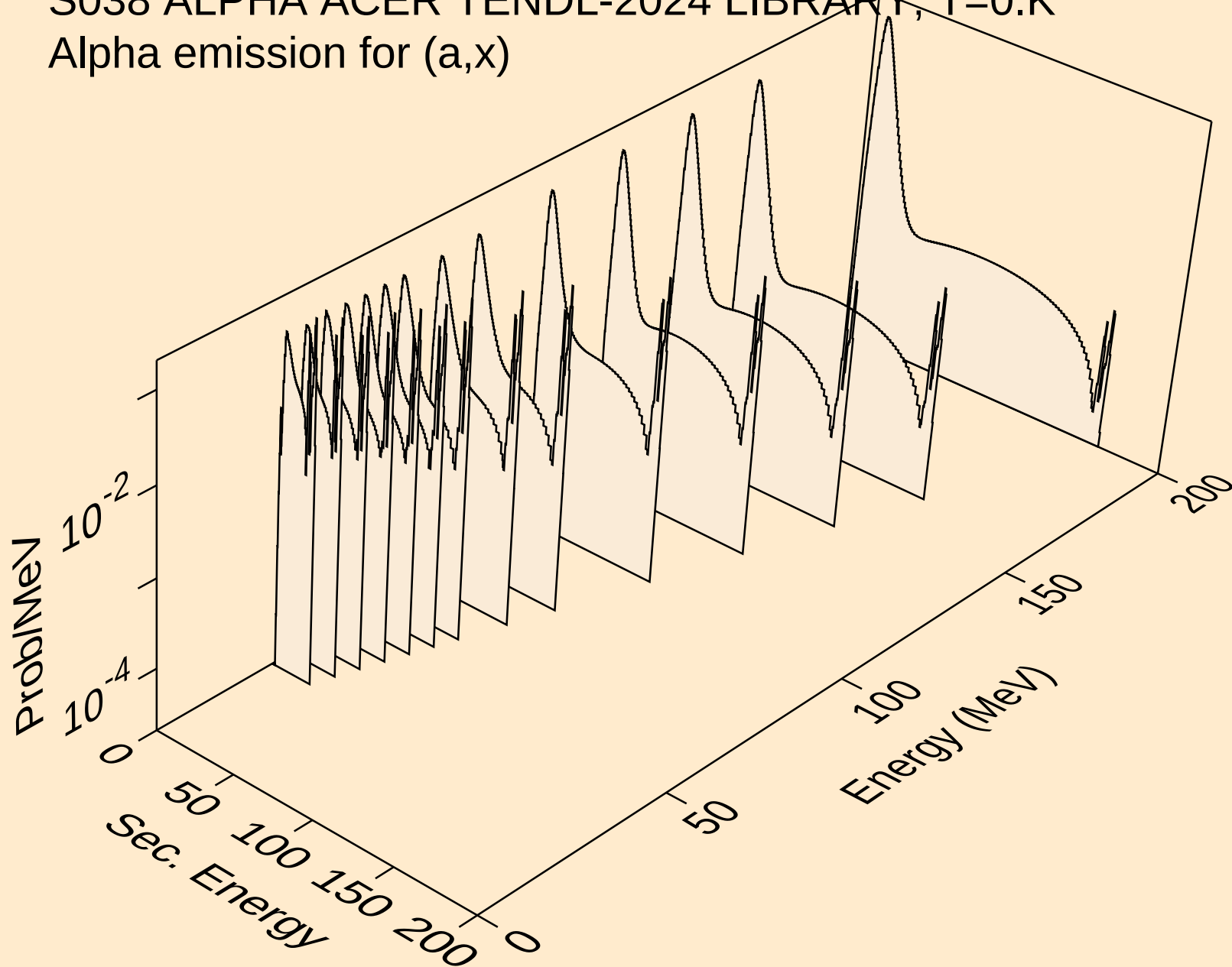


S038 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic



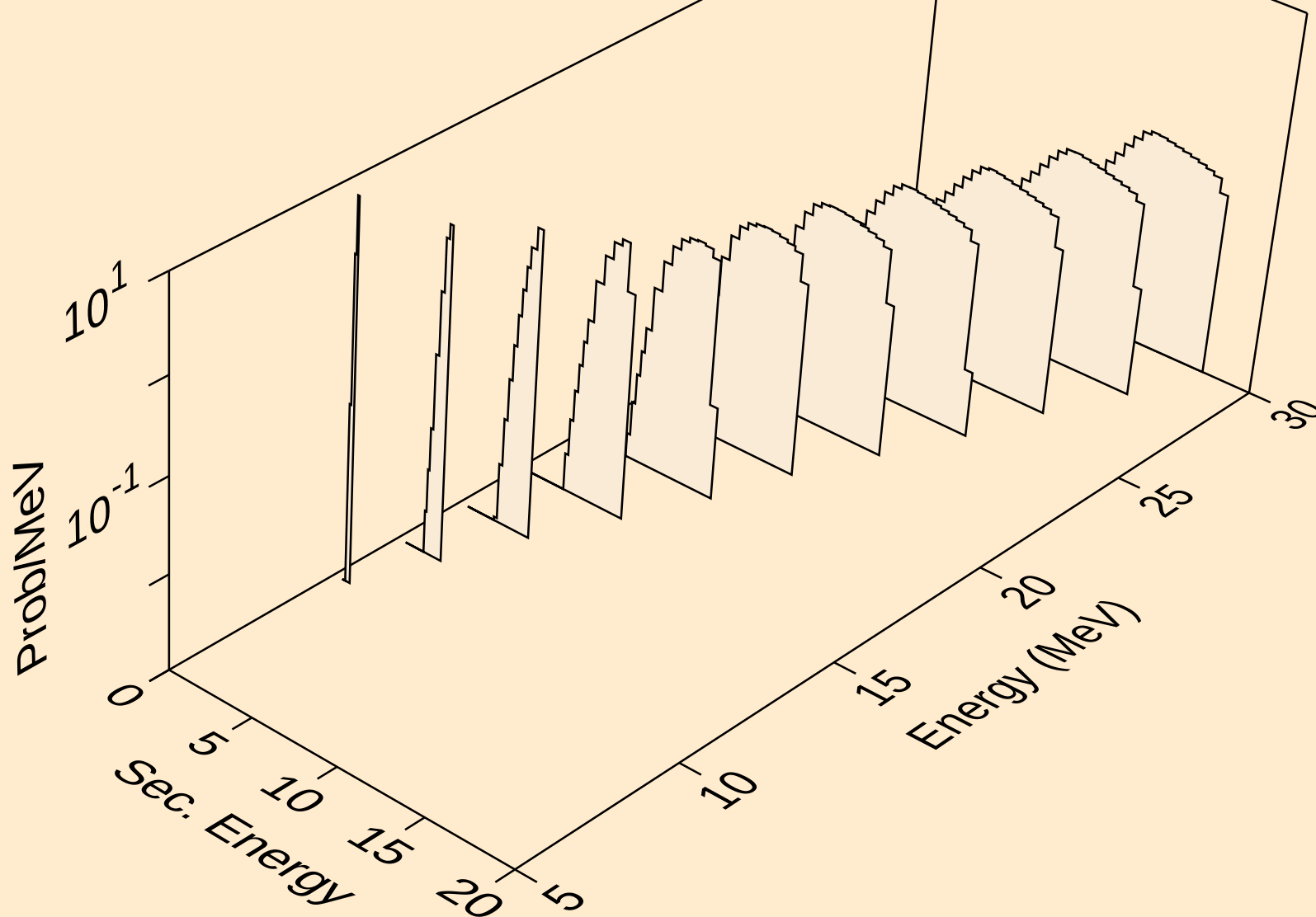
S038 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,x)



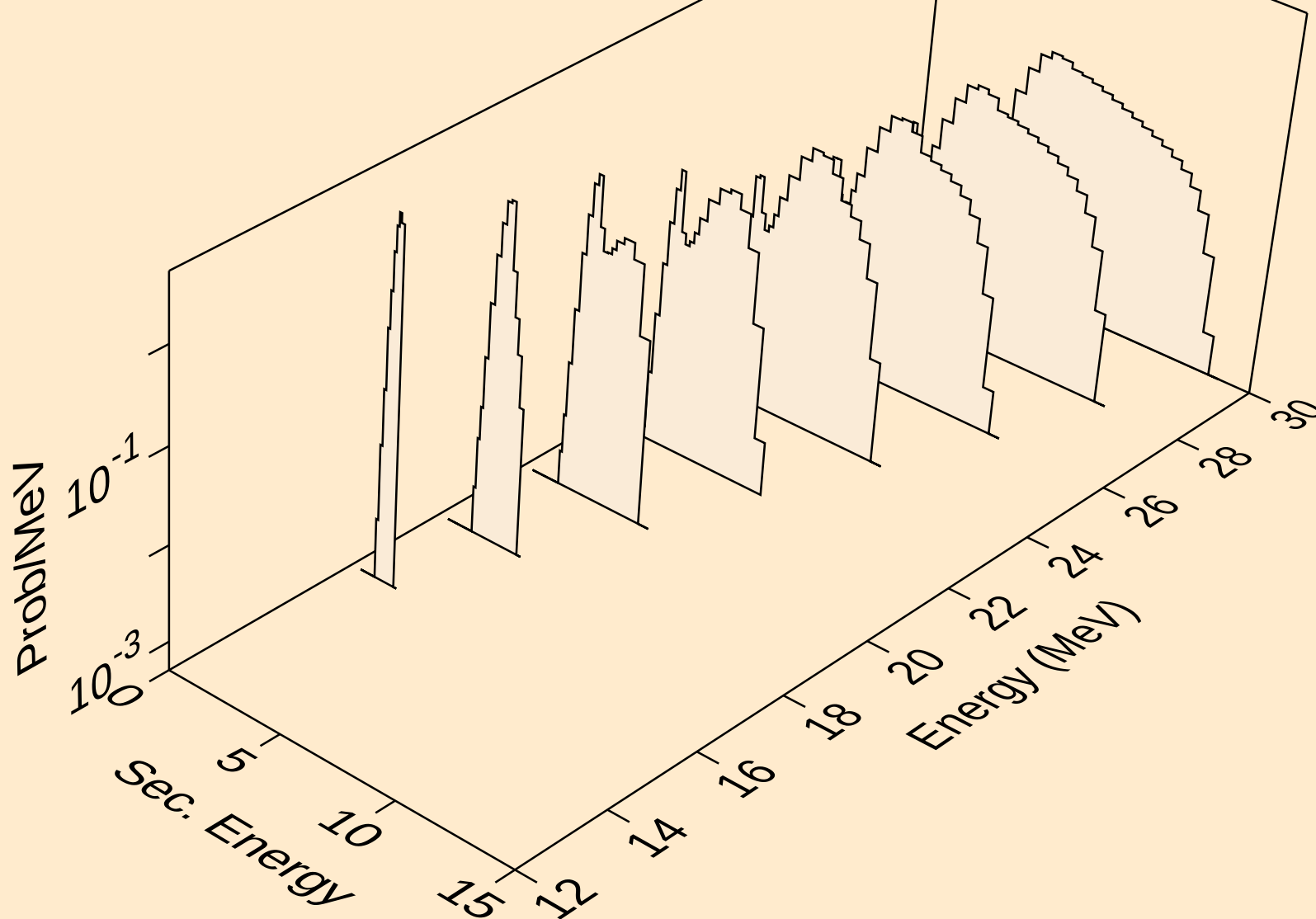
S038 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,n*)a



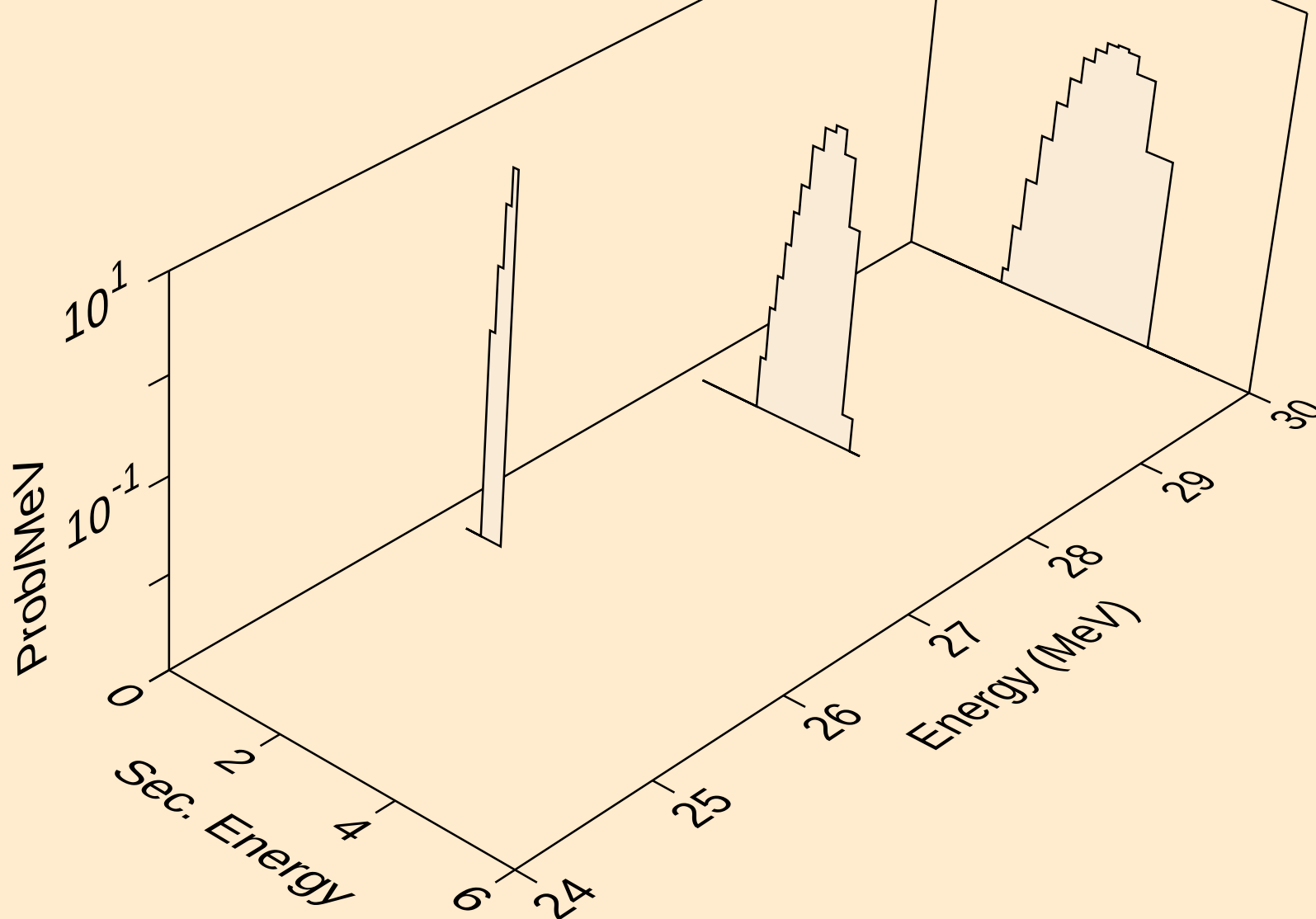
S038 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,2n)a



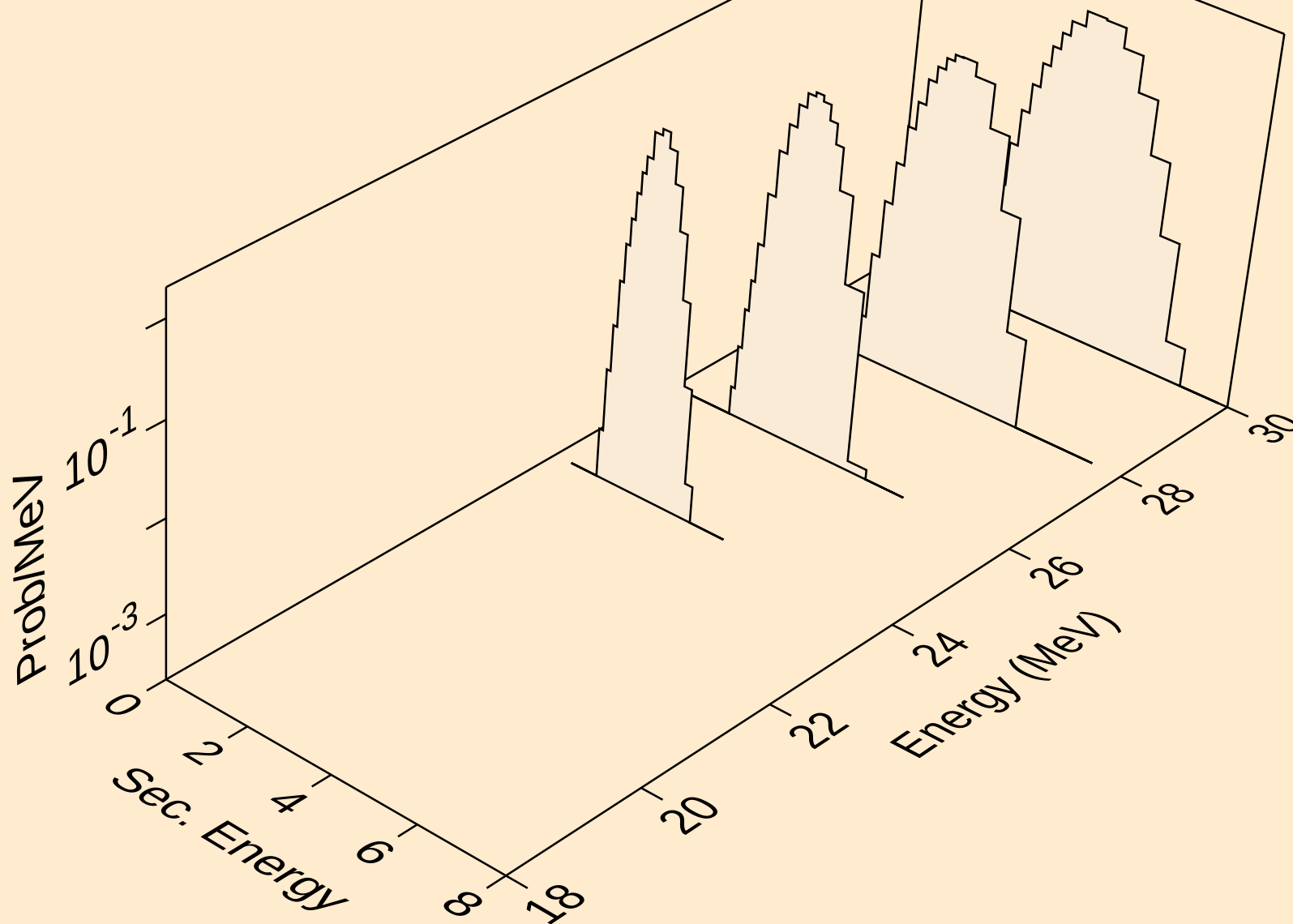
S038 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,3n)a



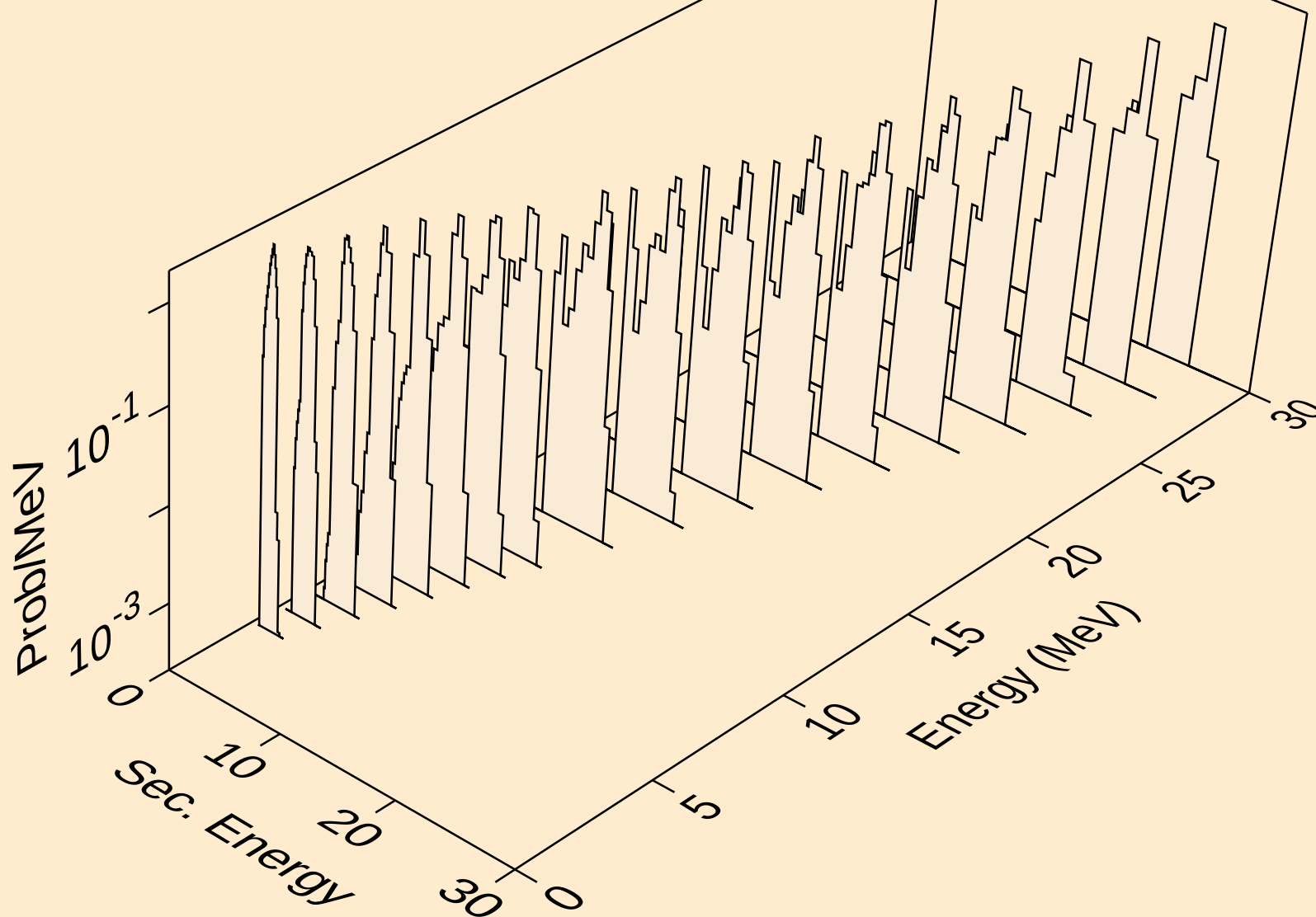
S038 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,n*)2a



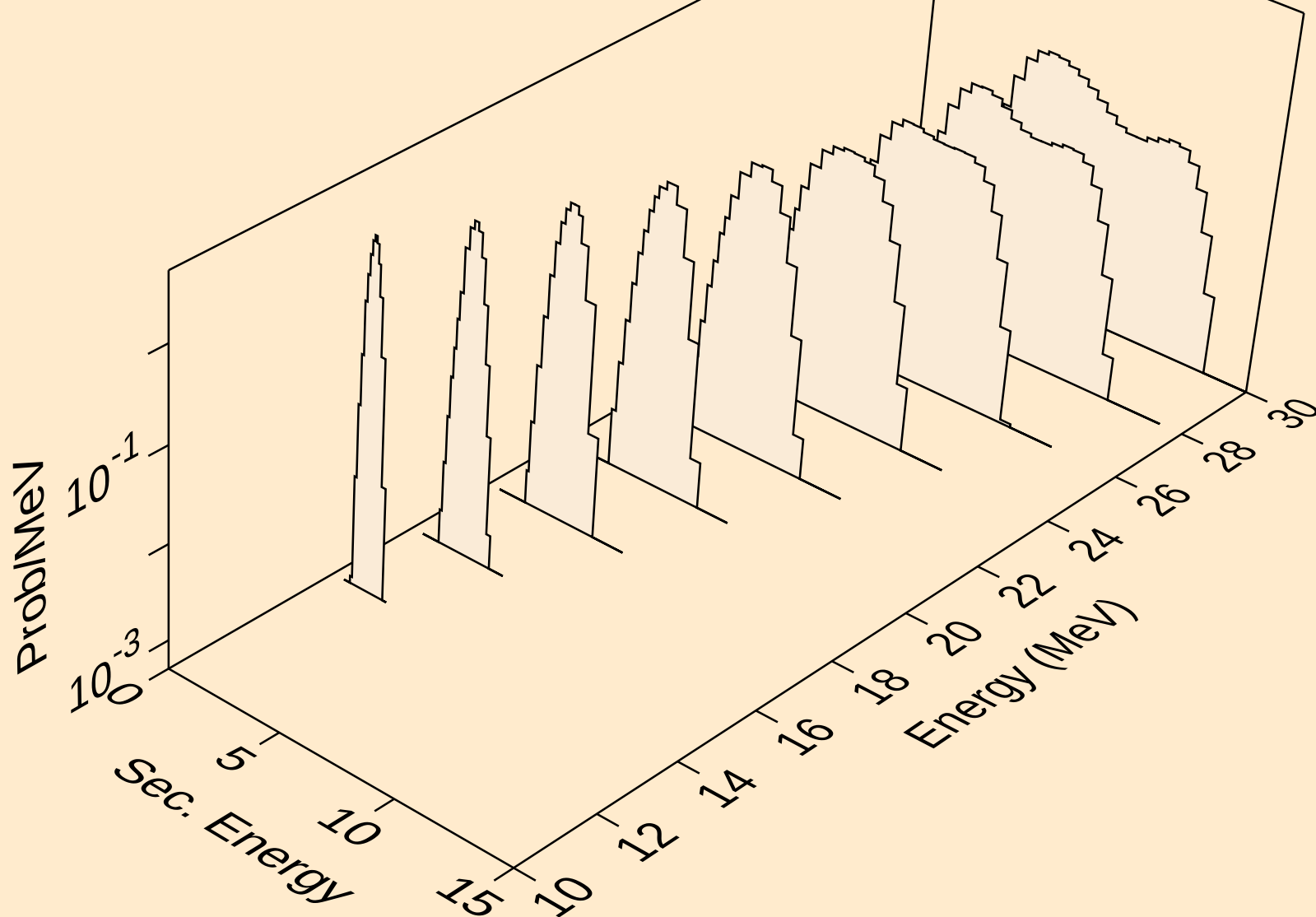
S038 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for inelastic



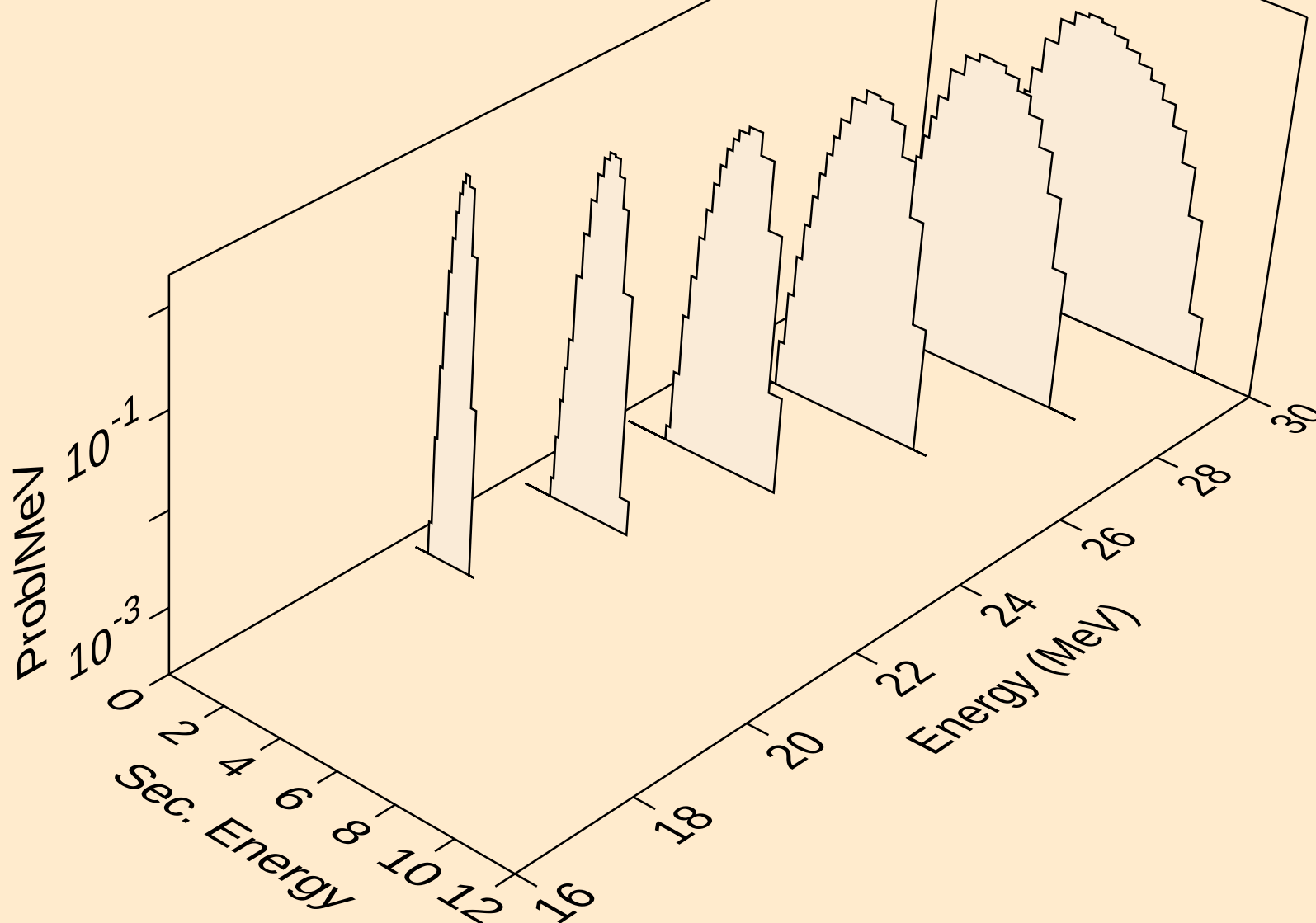
S038 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,2a)



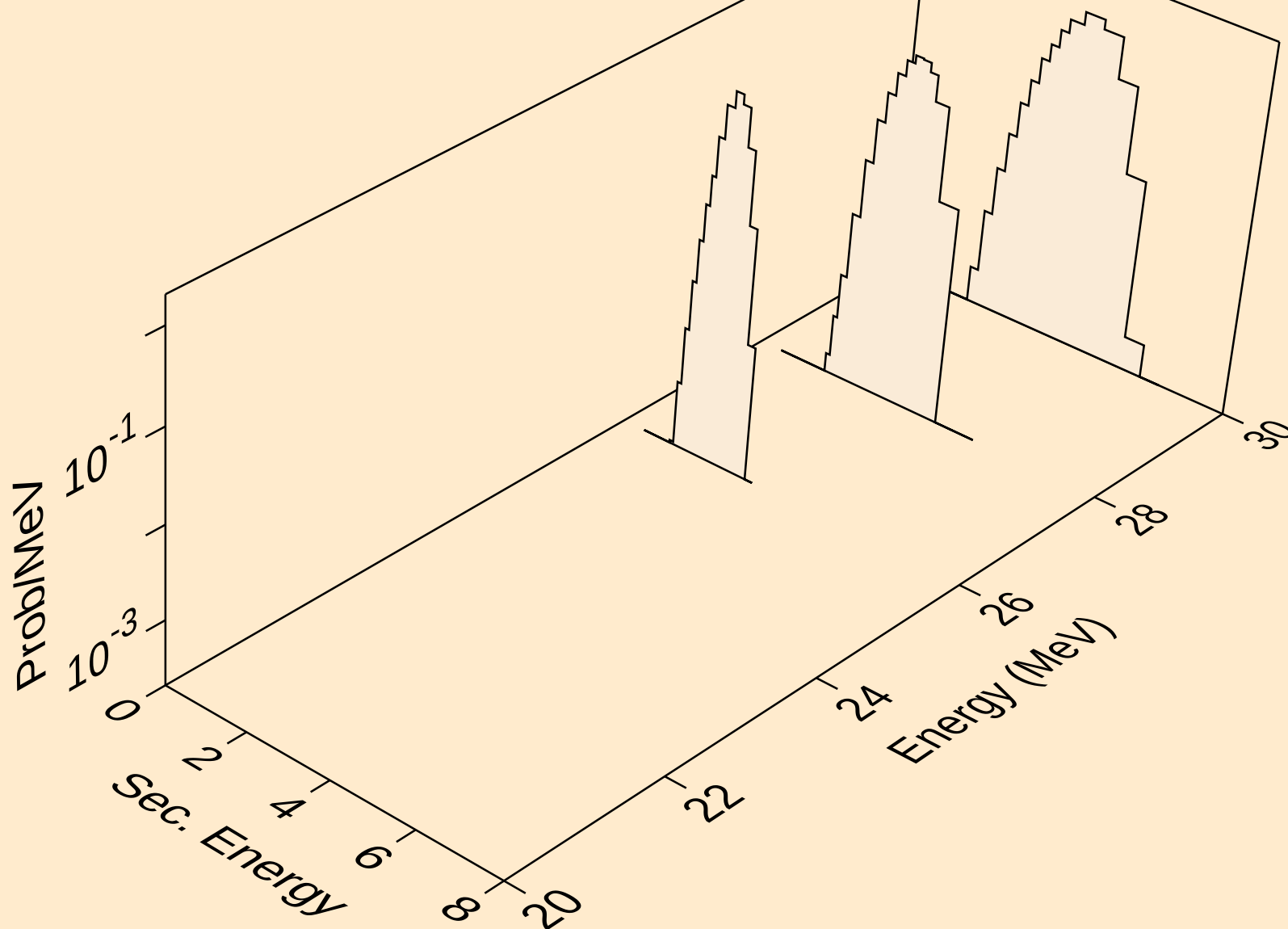
S038 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,pa)

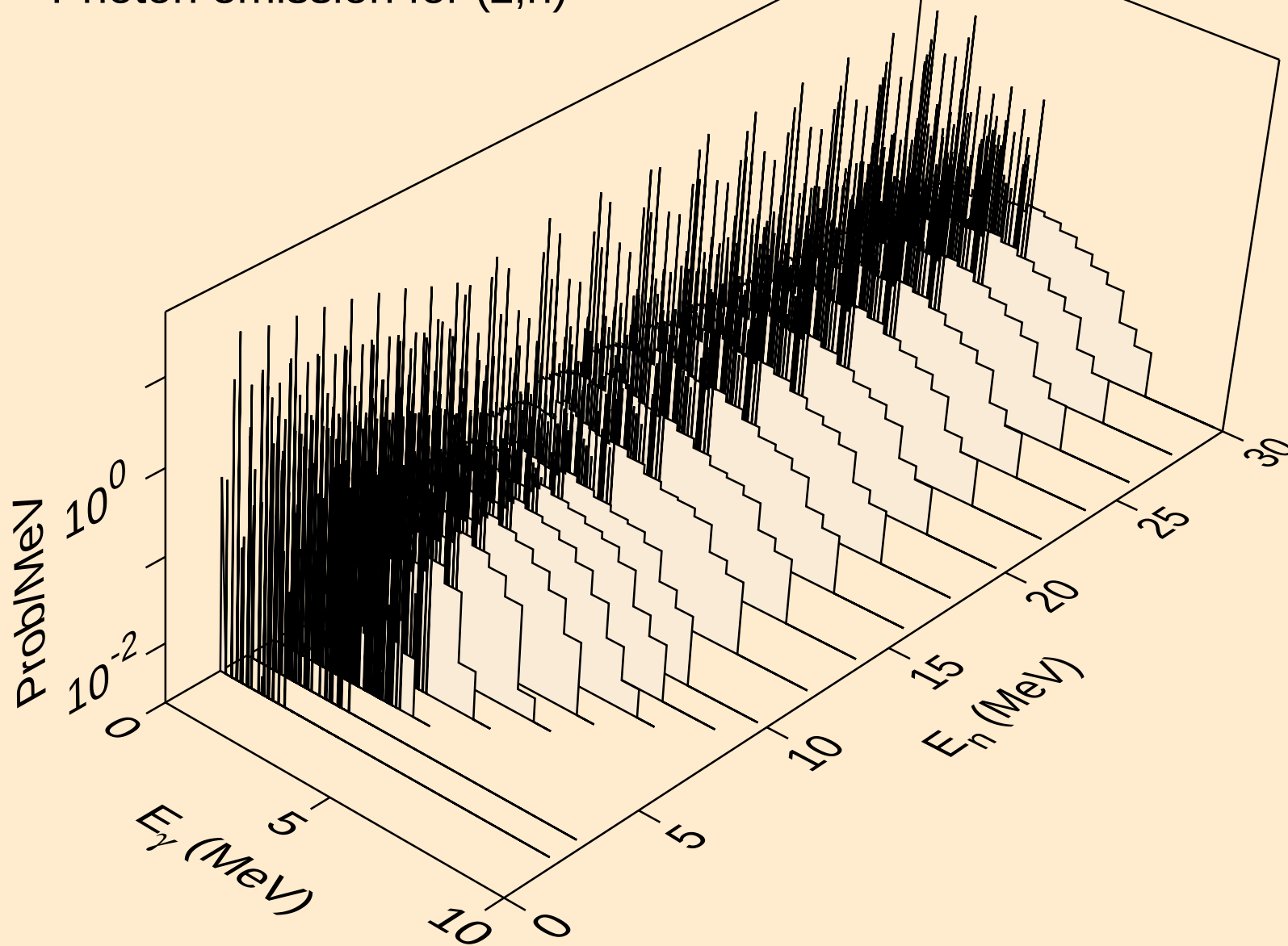


S038 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,da)

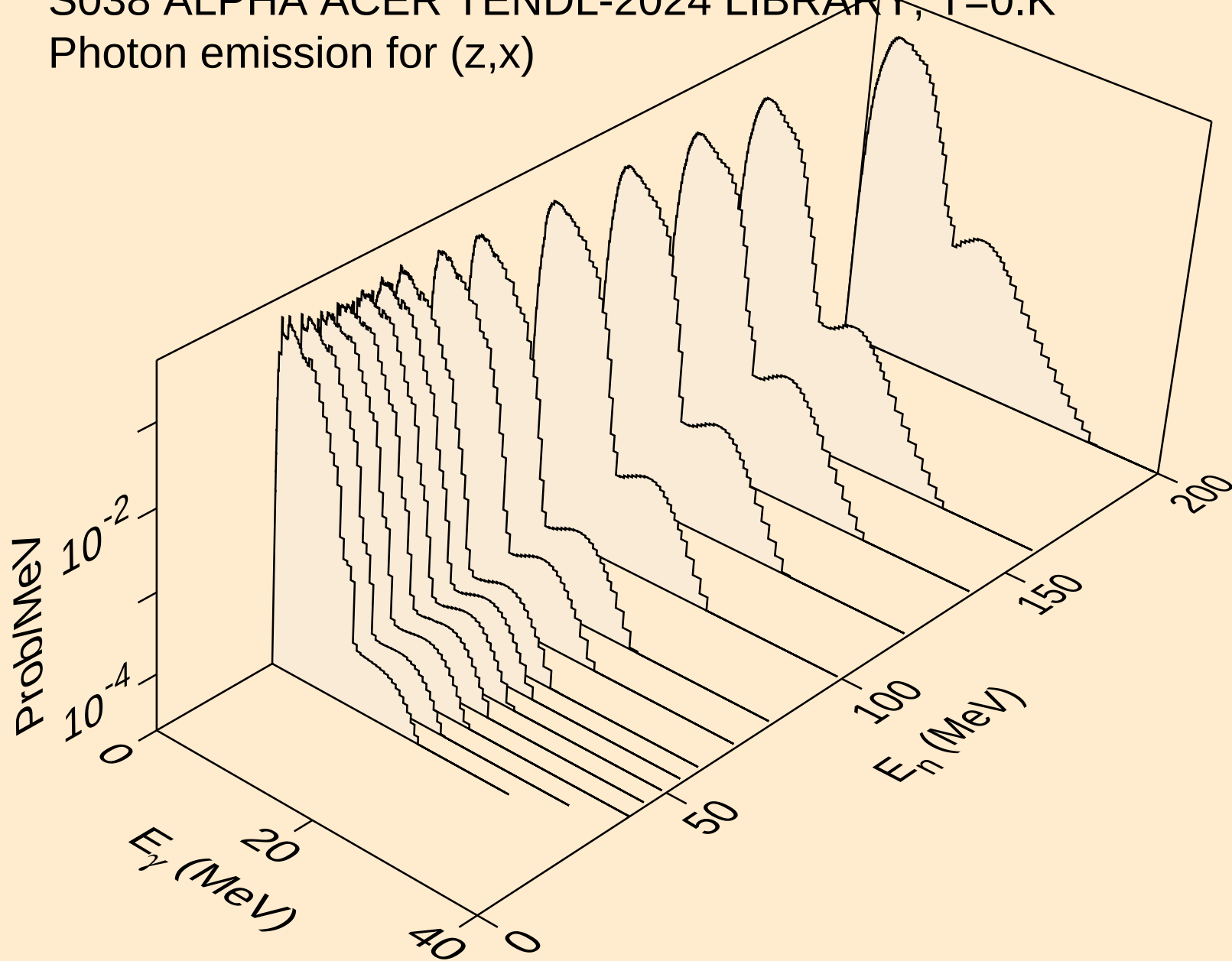


S038 ALPHA ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (z,n)



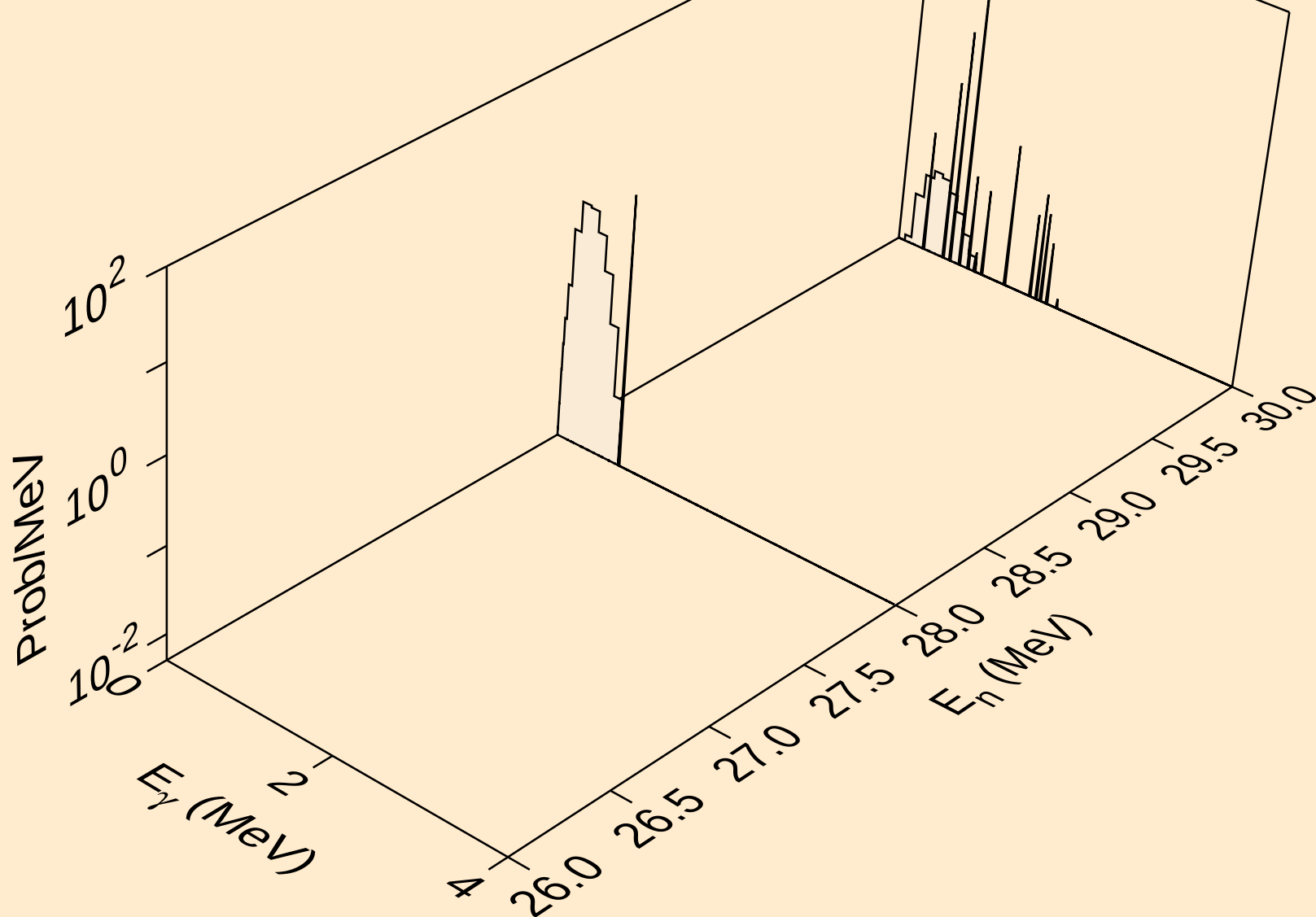
S038 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (z,x)

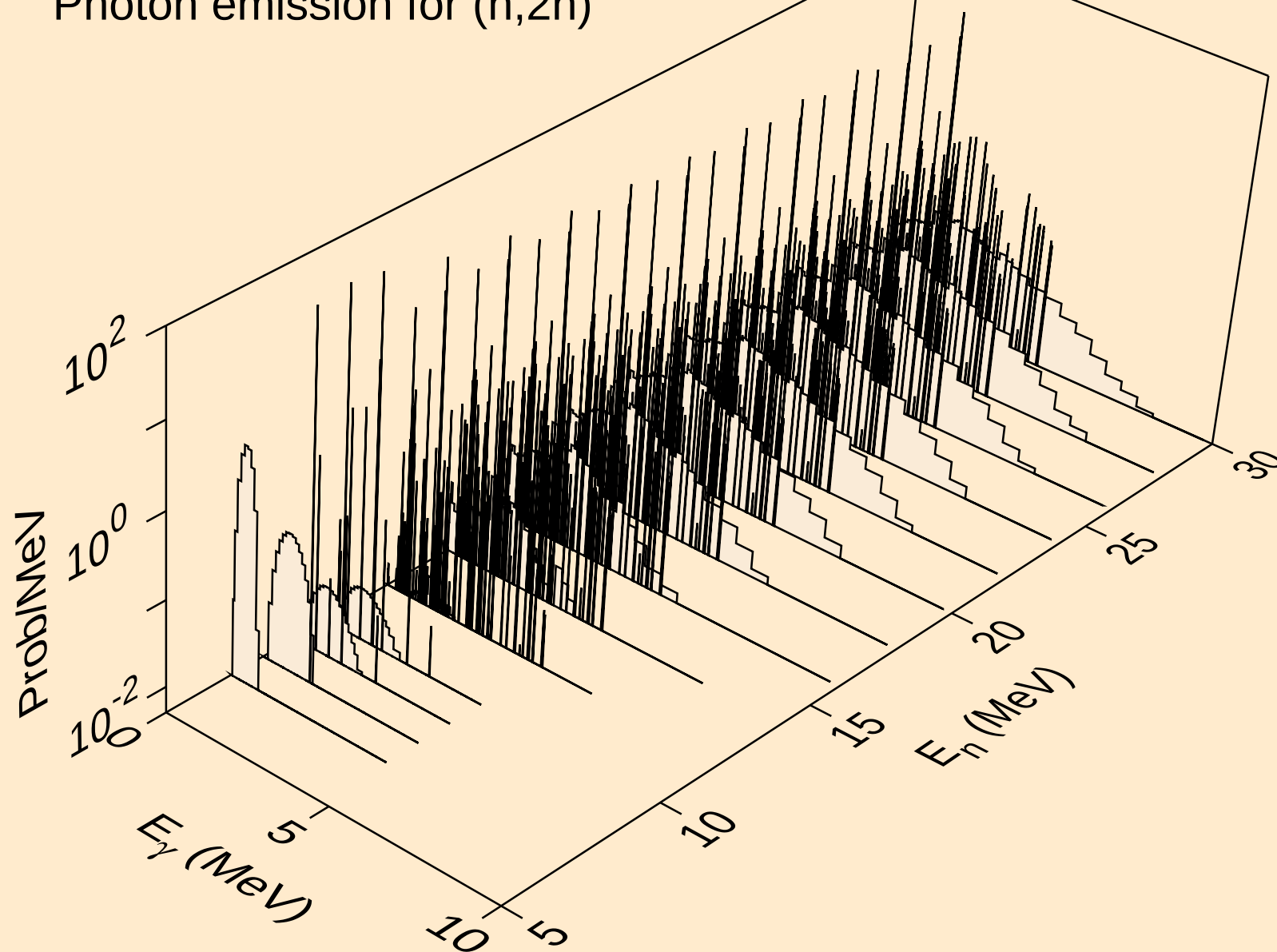


S038 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

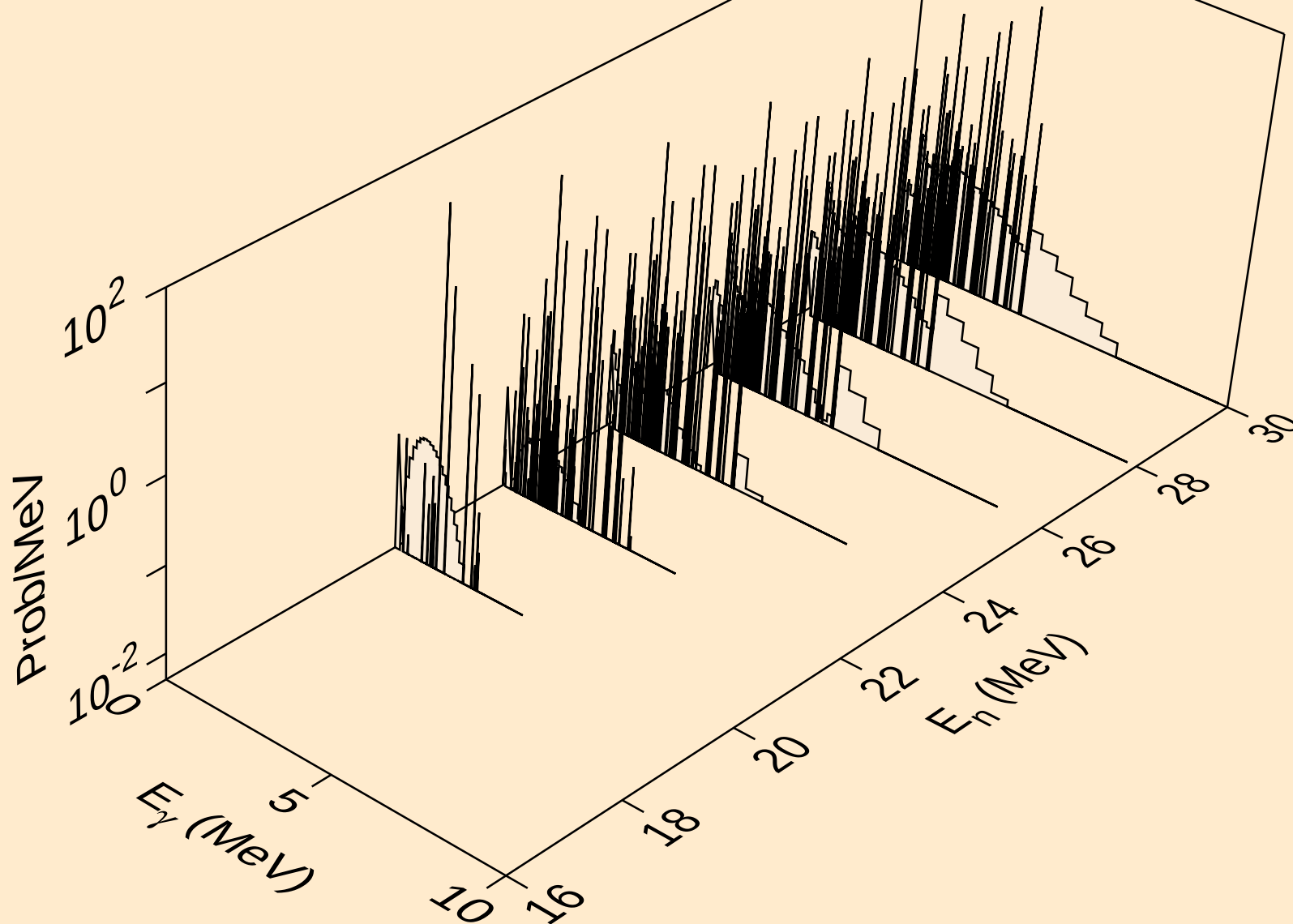
Photon emission for (n,2nd)



S038 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n)

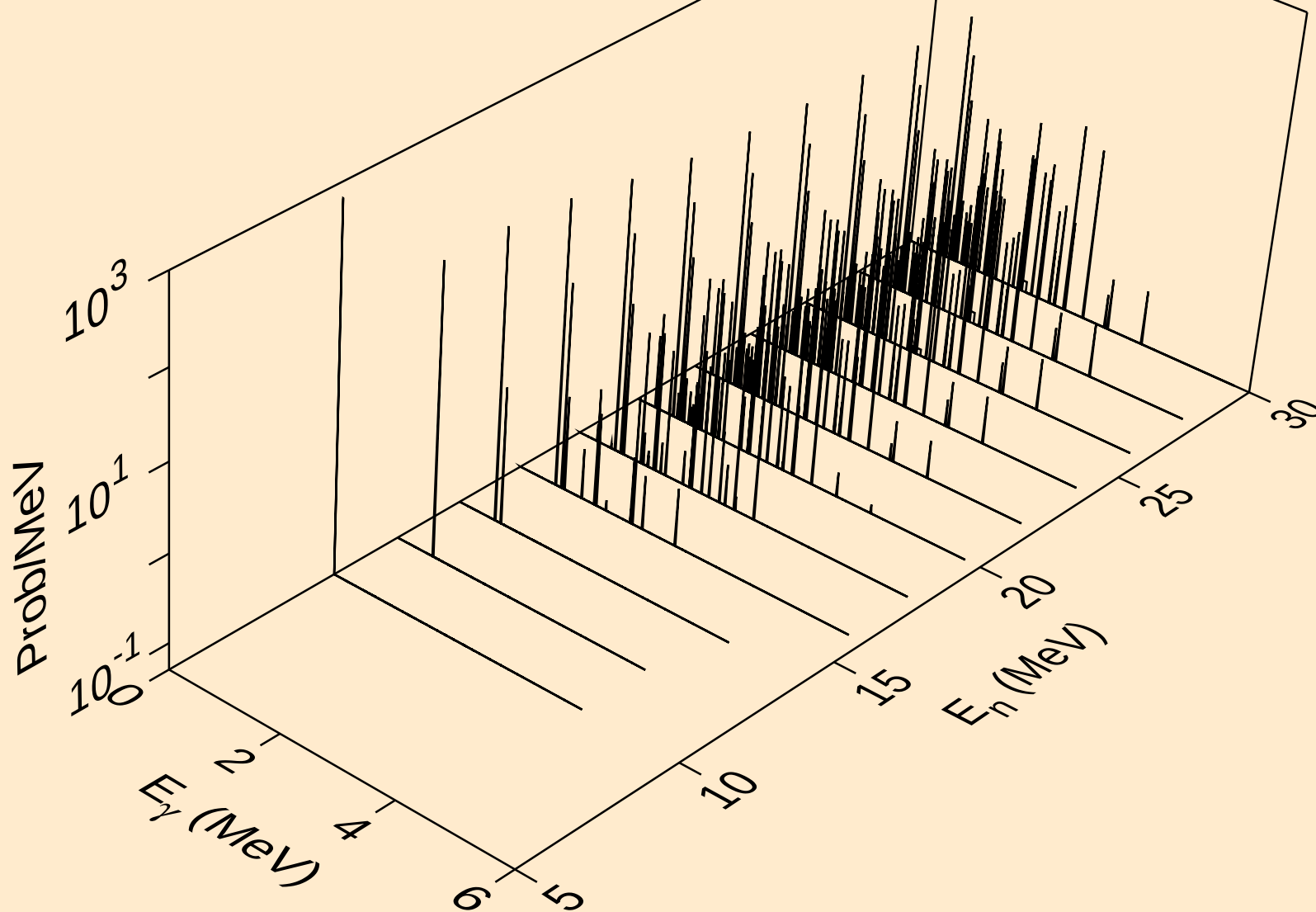


S038 ALPHA ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,3n)



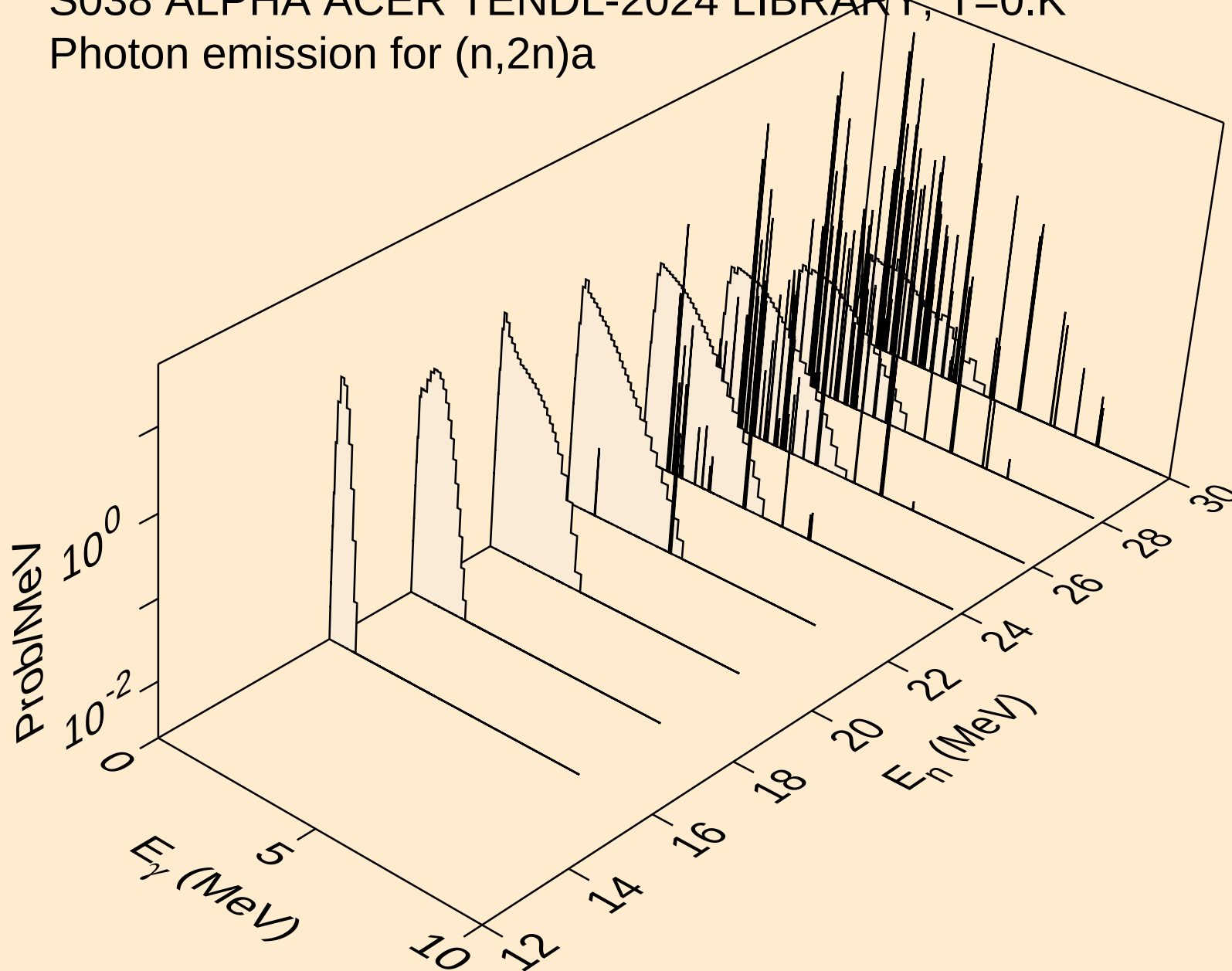
S038 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n*)a



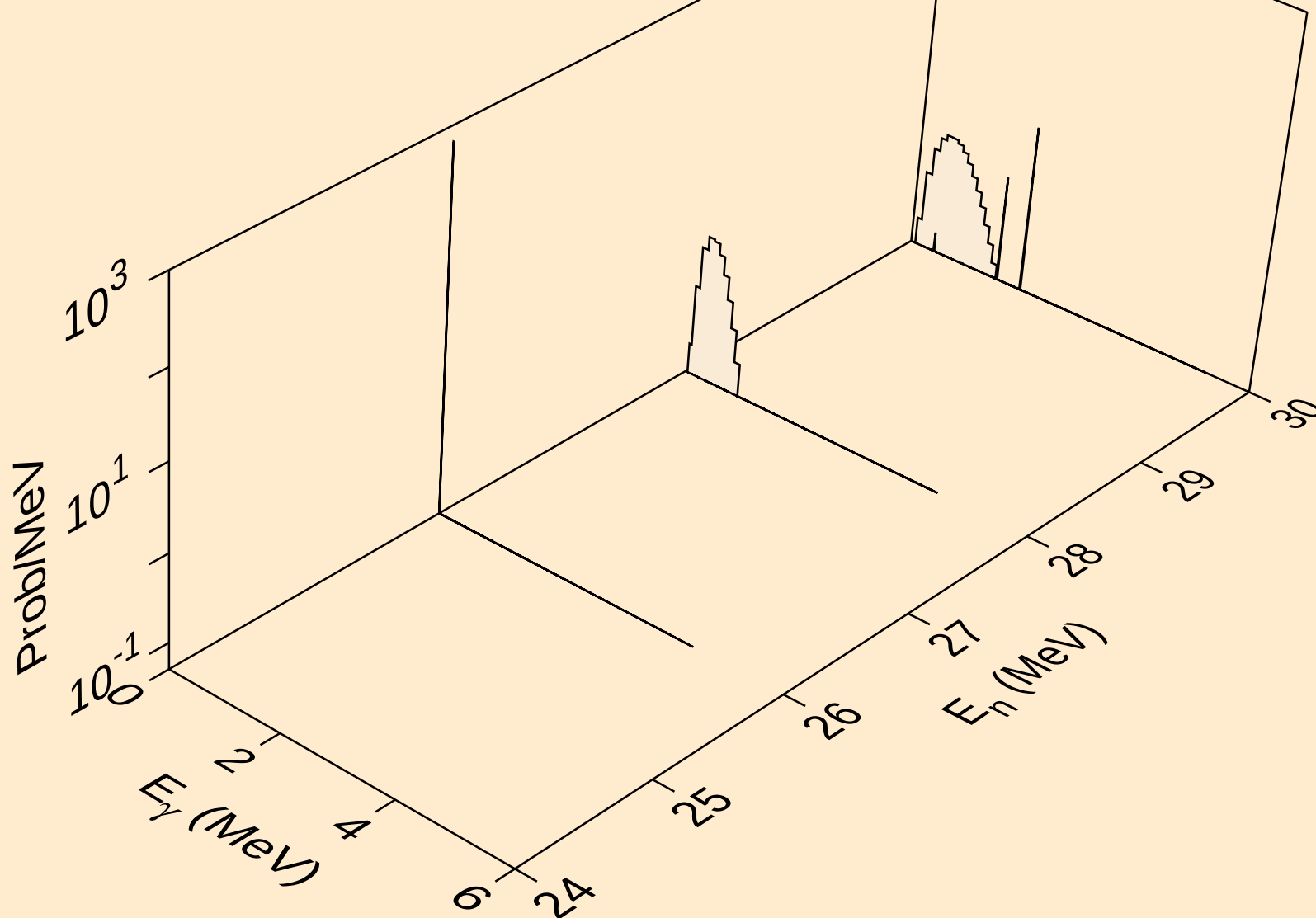
S038 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,2n) α



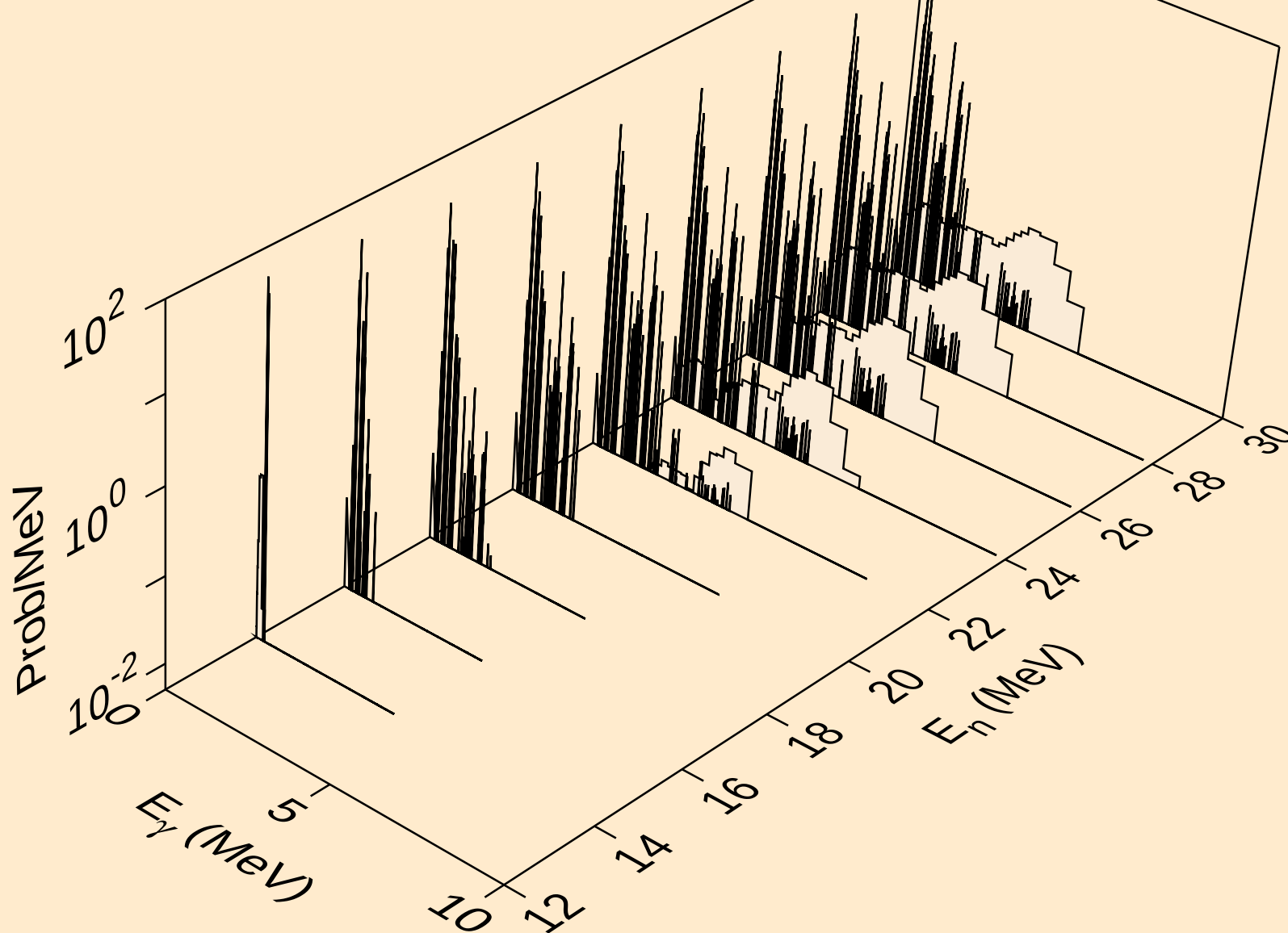
S038 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,3n) α



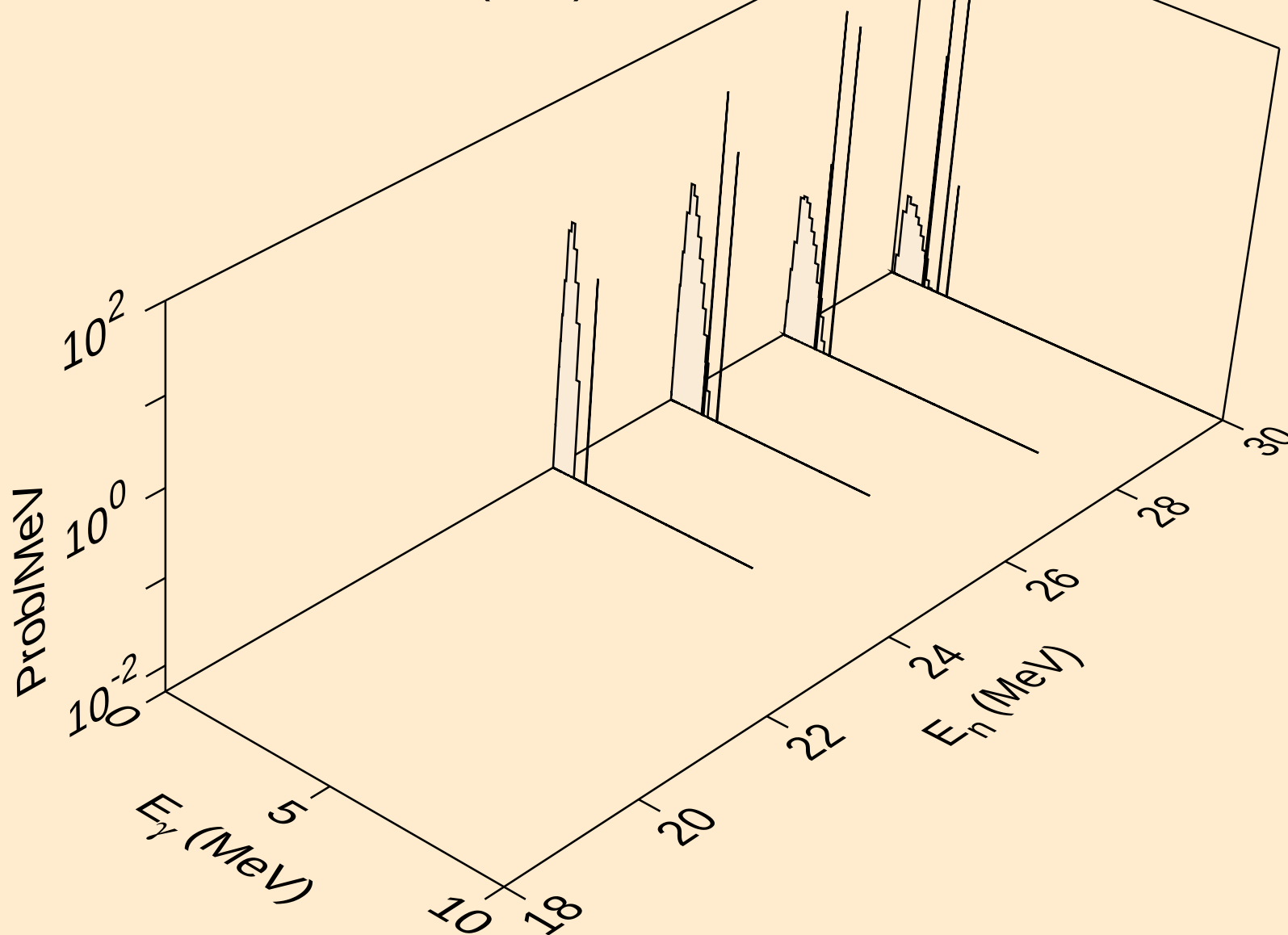
S038 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n*)p

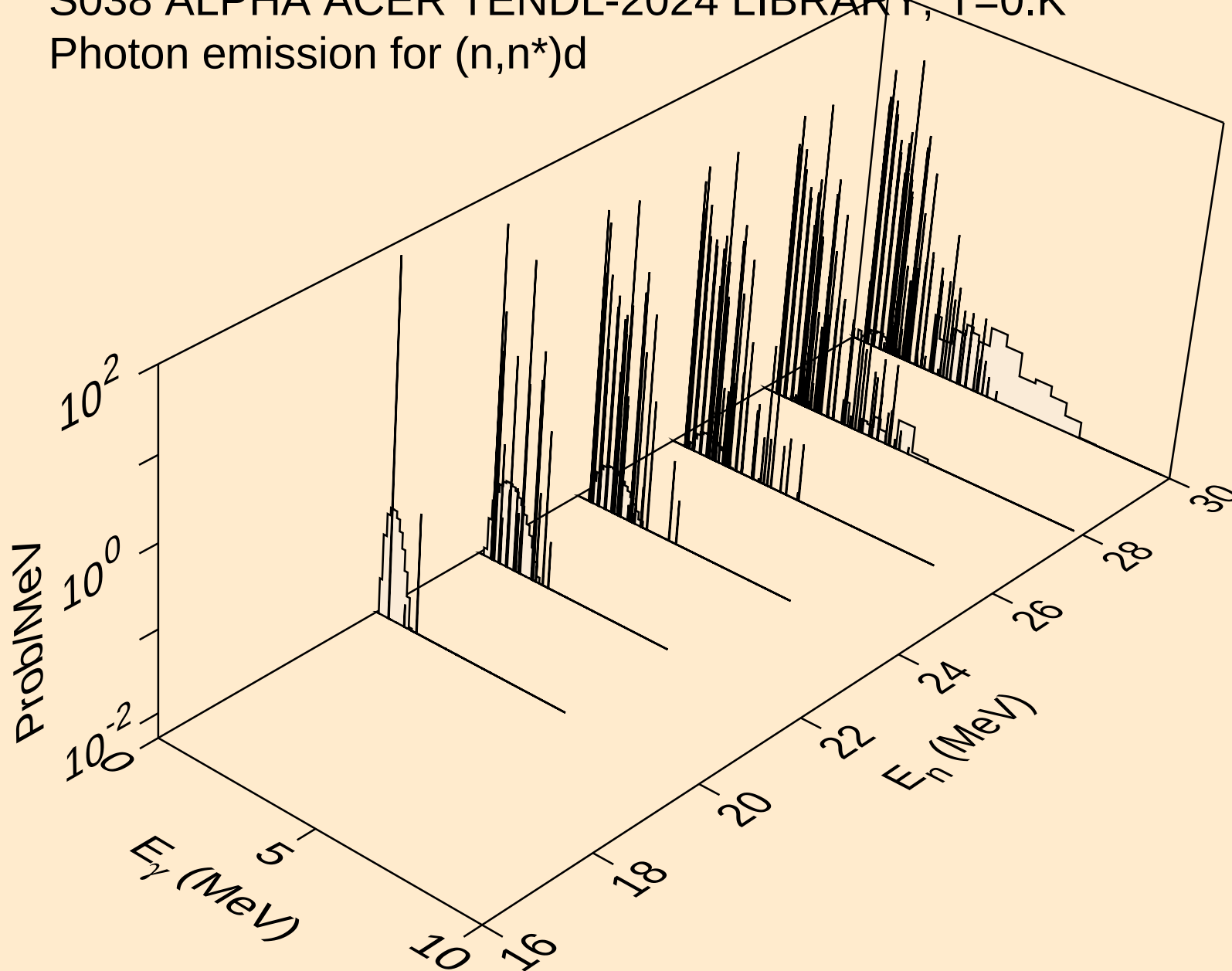


S038 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n*)2a

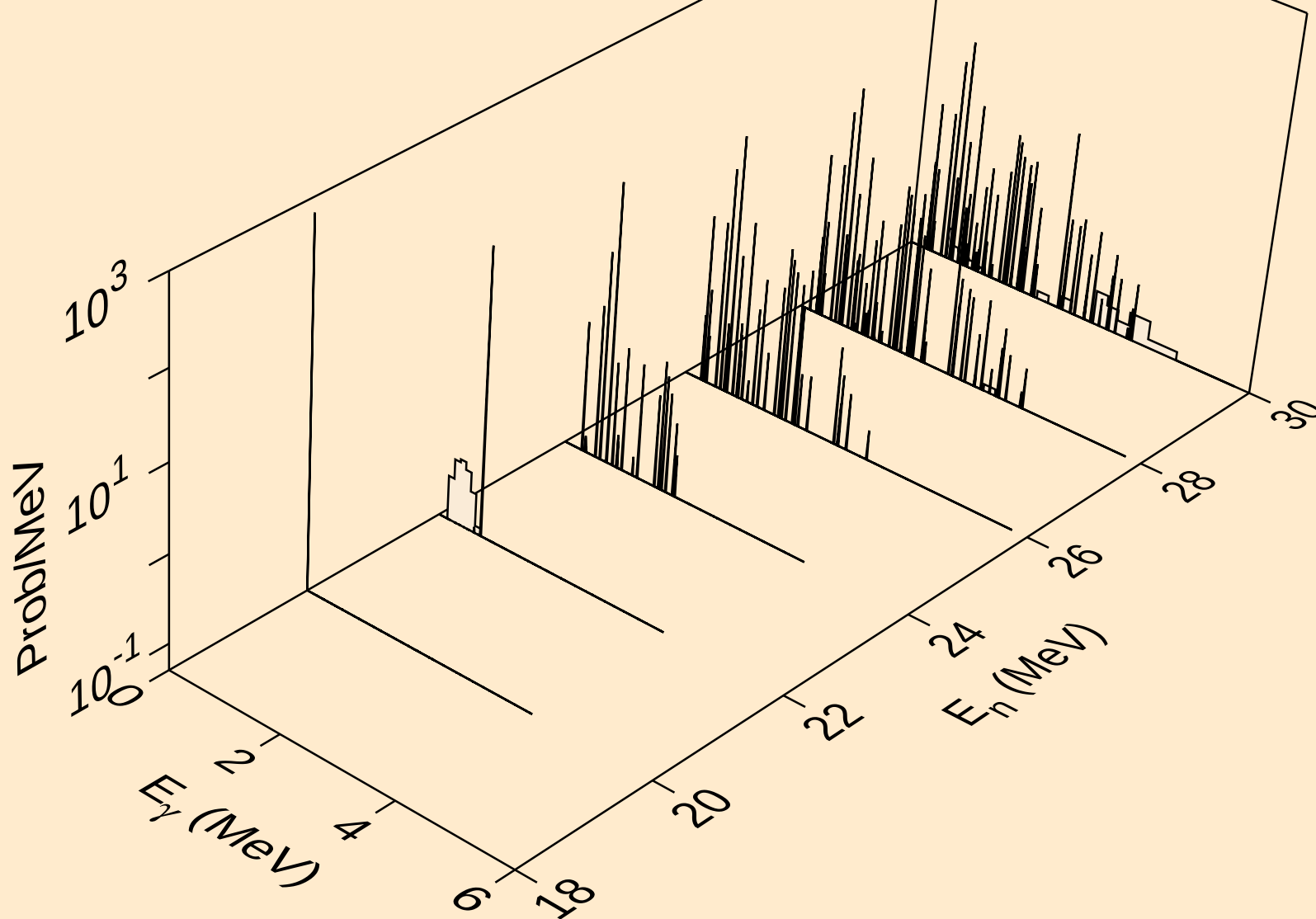


S038 ALPHA ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for $(n,n^*)d$

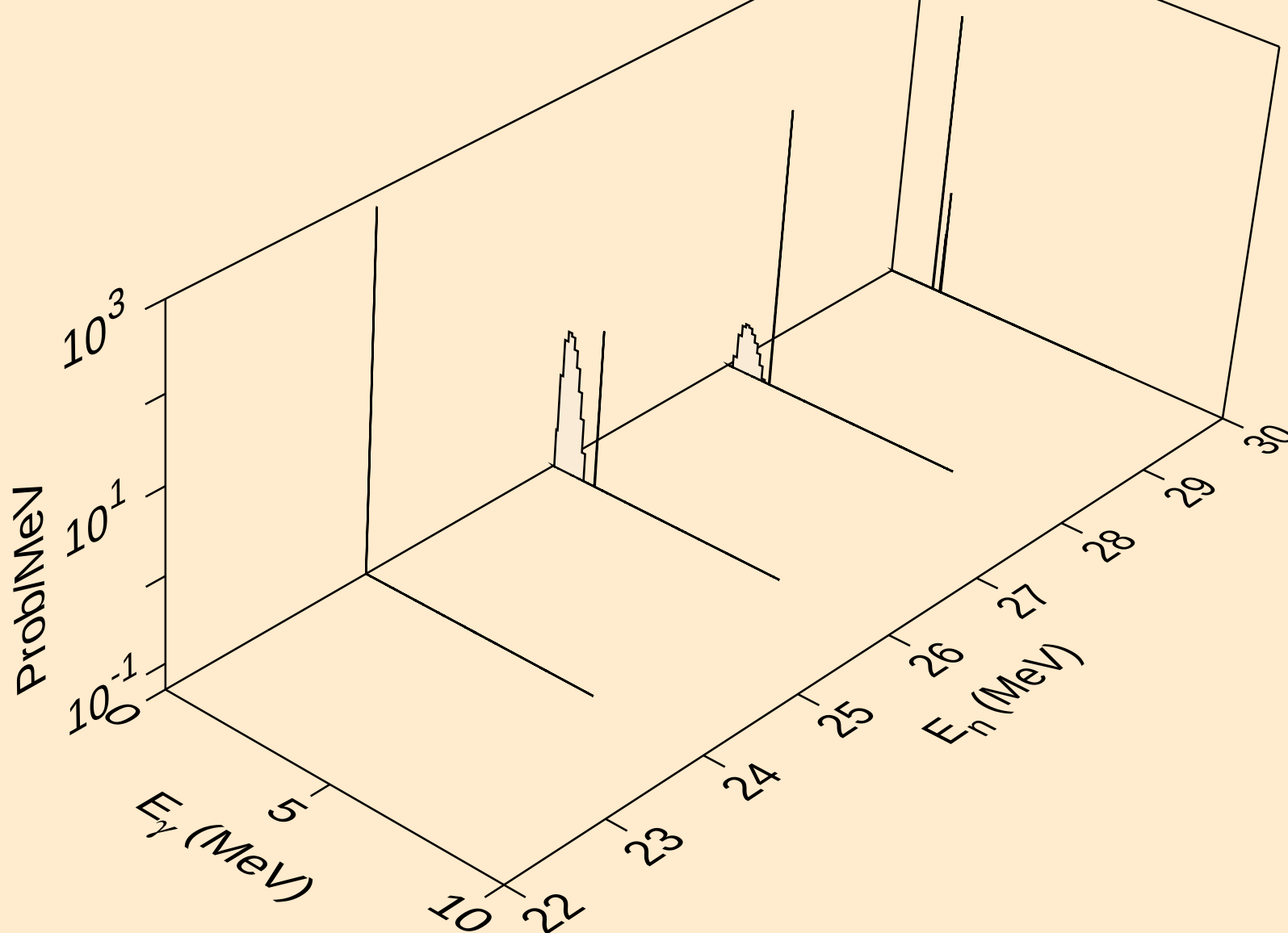


S038 ALPHA ACER TENDL-2024 LIBRARY; $T=0.K$

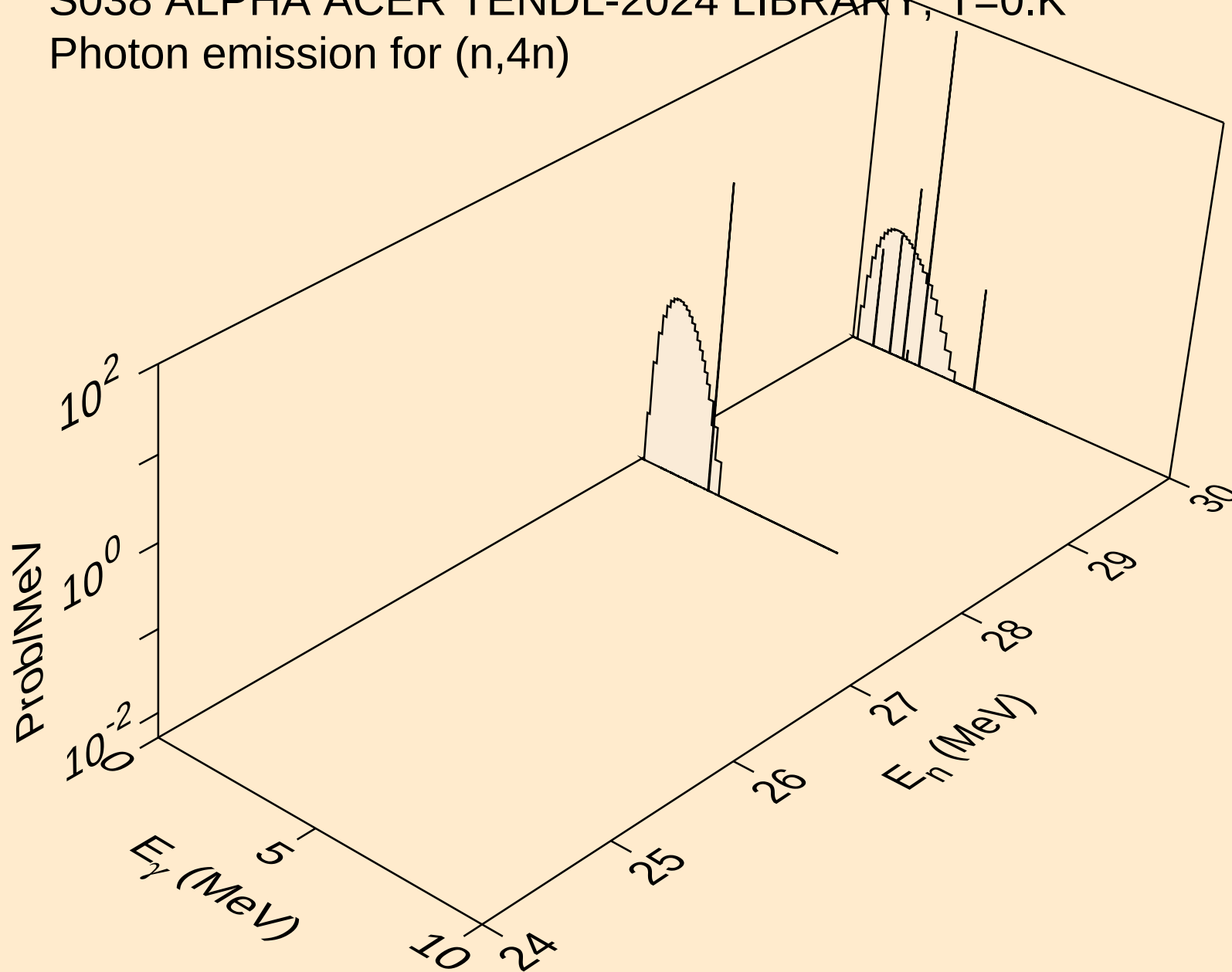
Photon emission for $(n,n^*)t$



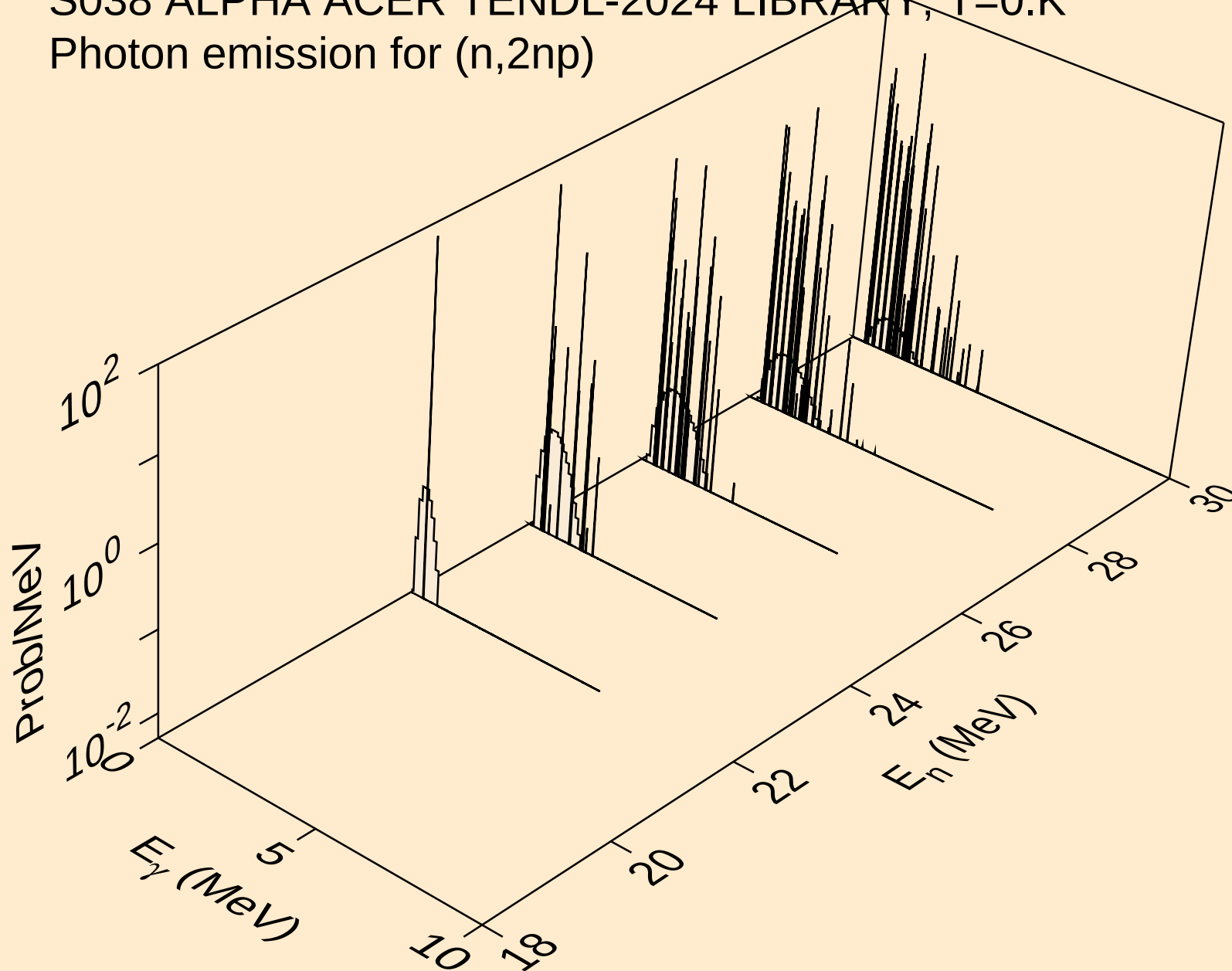
S038 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)he3



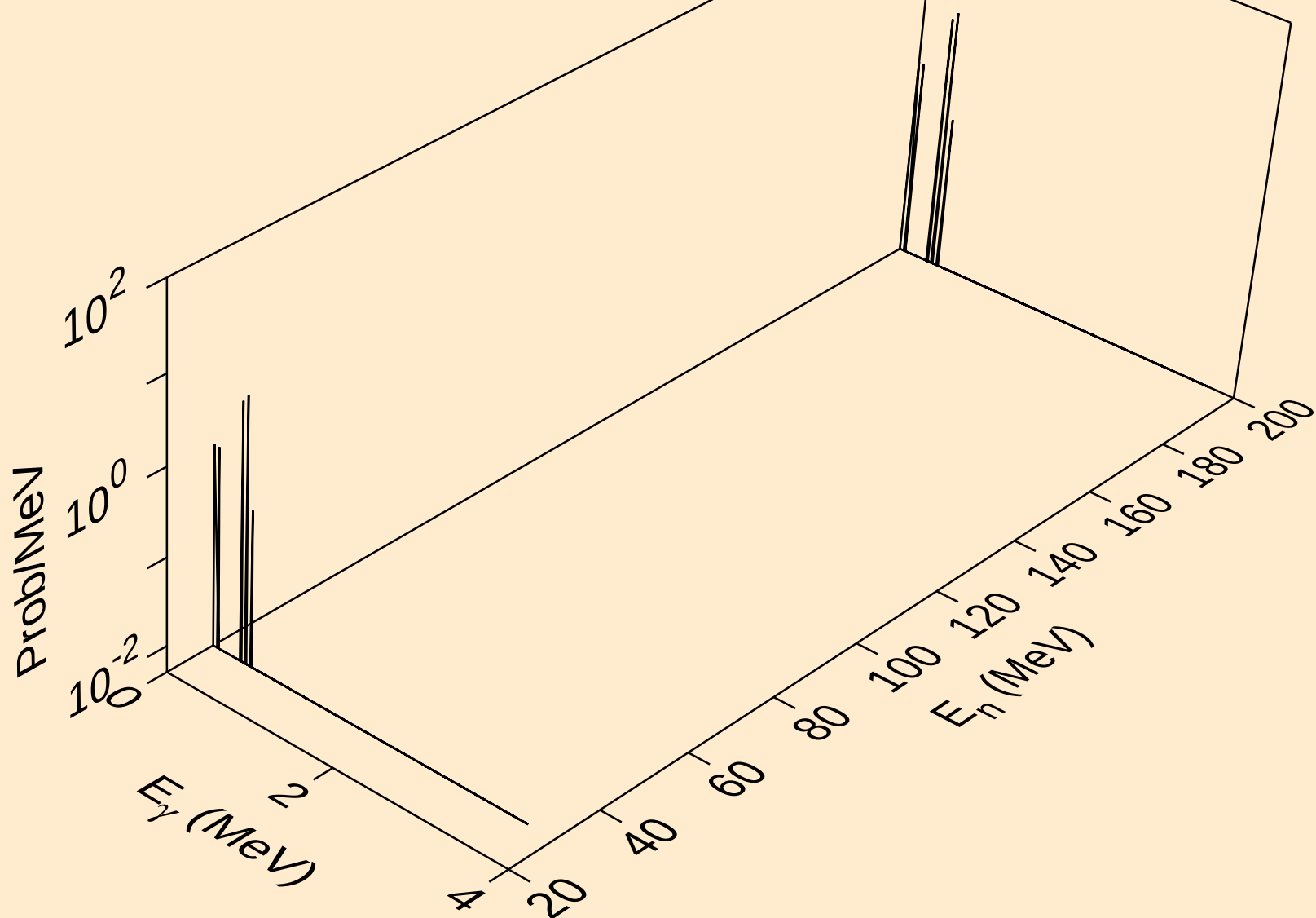
S038 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,4n)



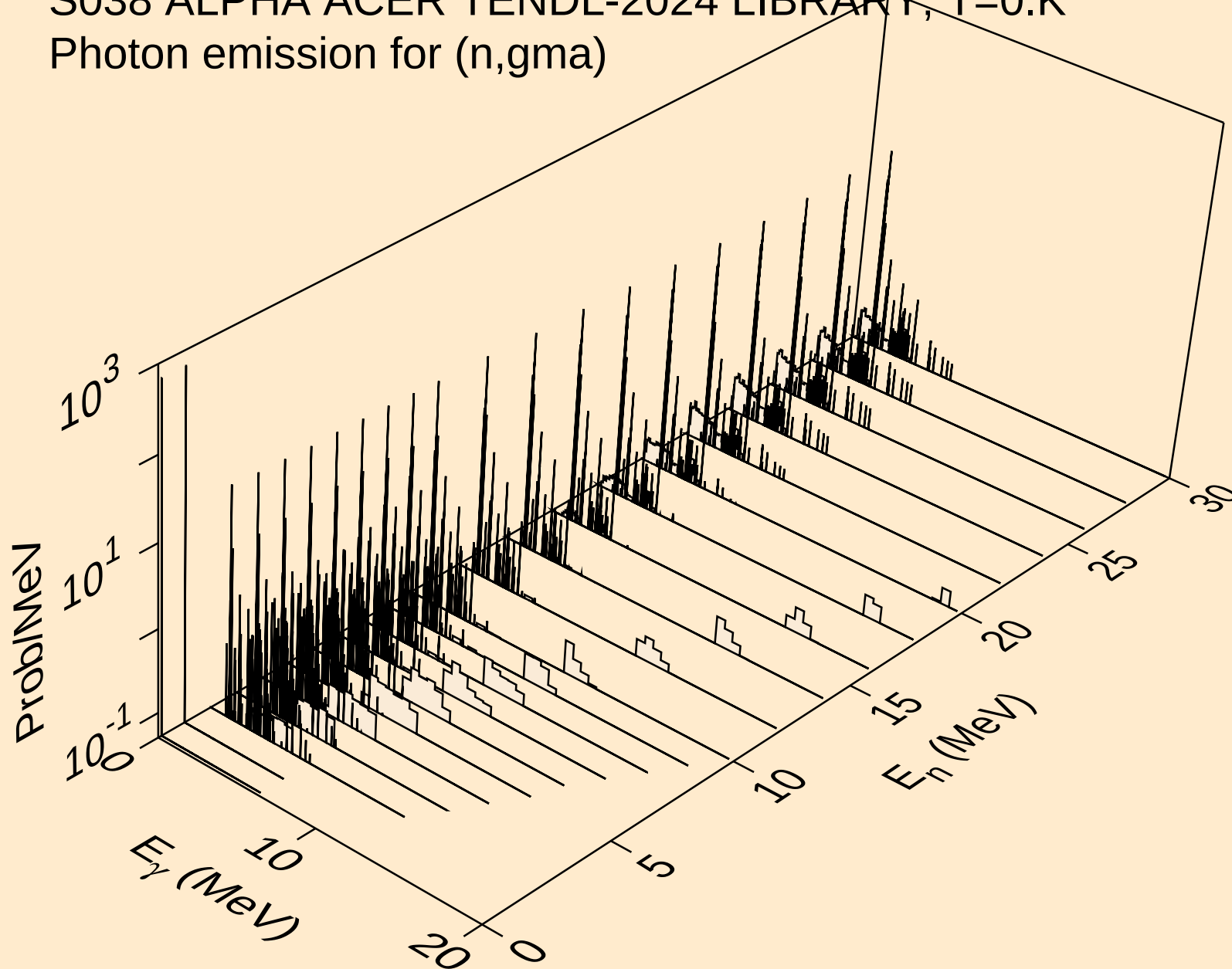
S038 ALPHA ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,2np)



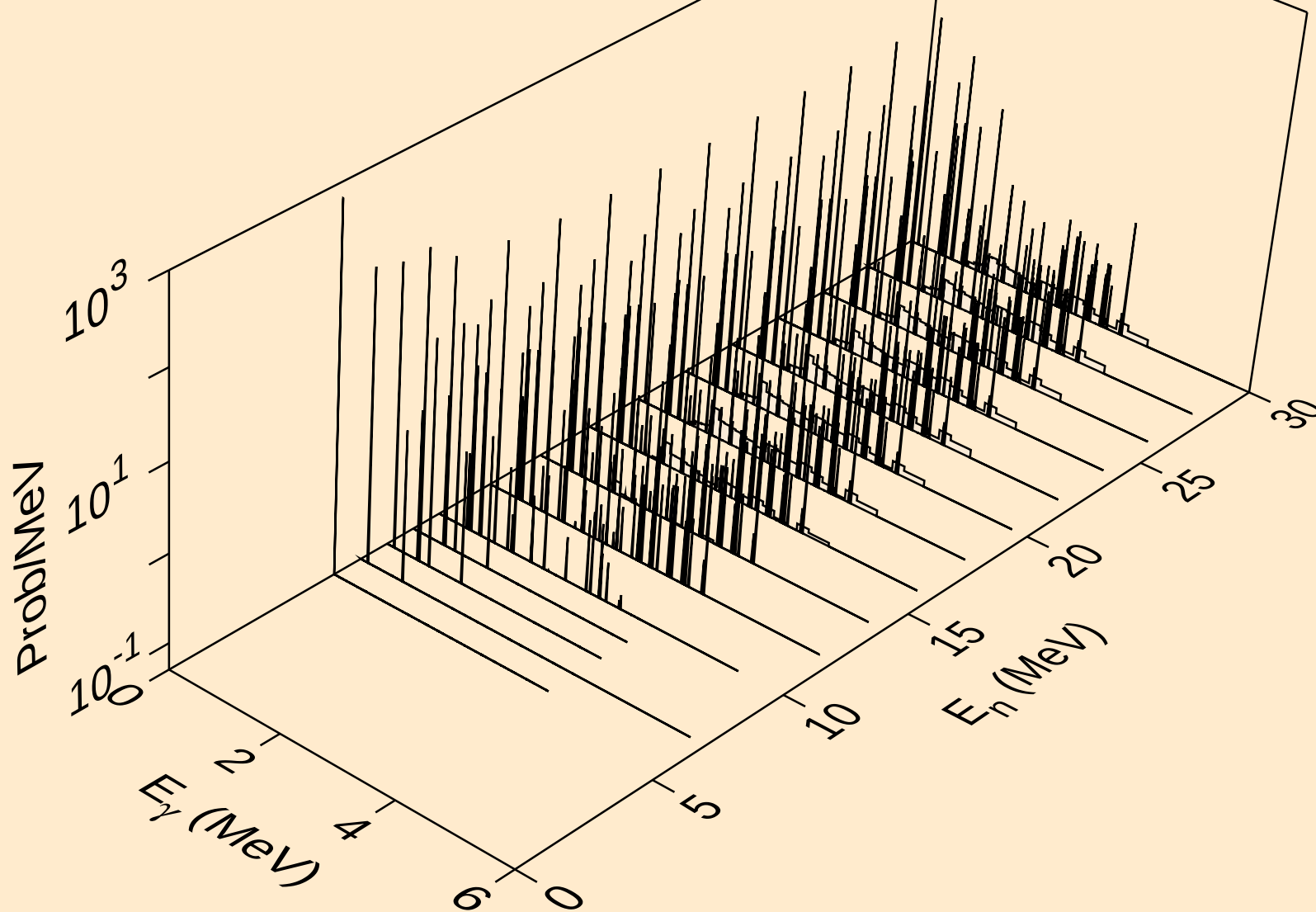
S038 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n2p)



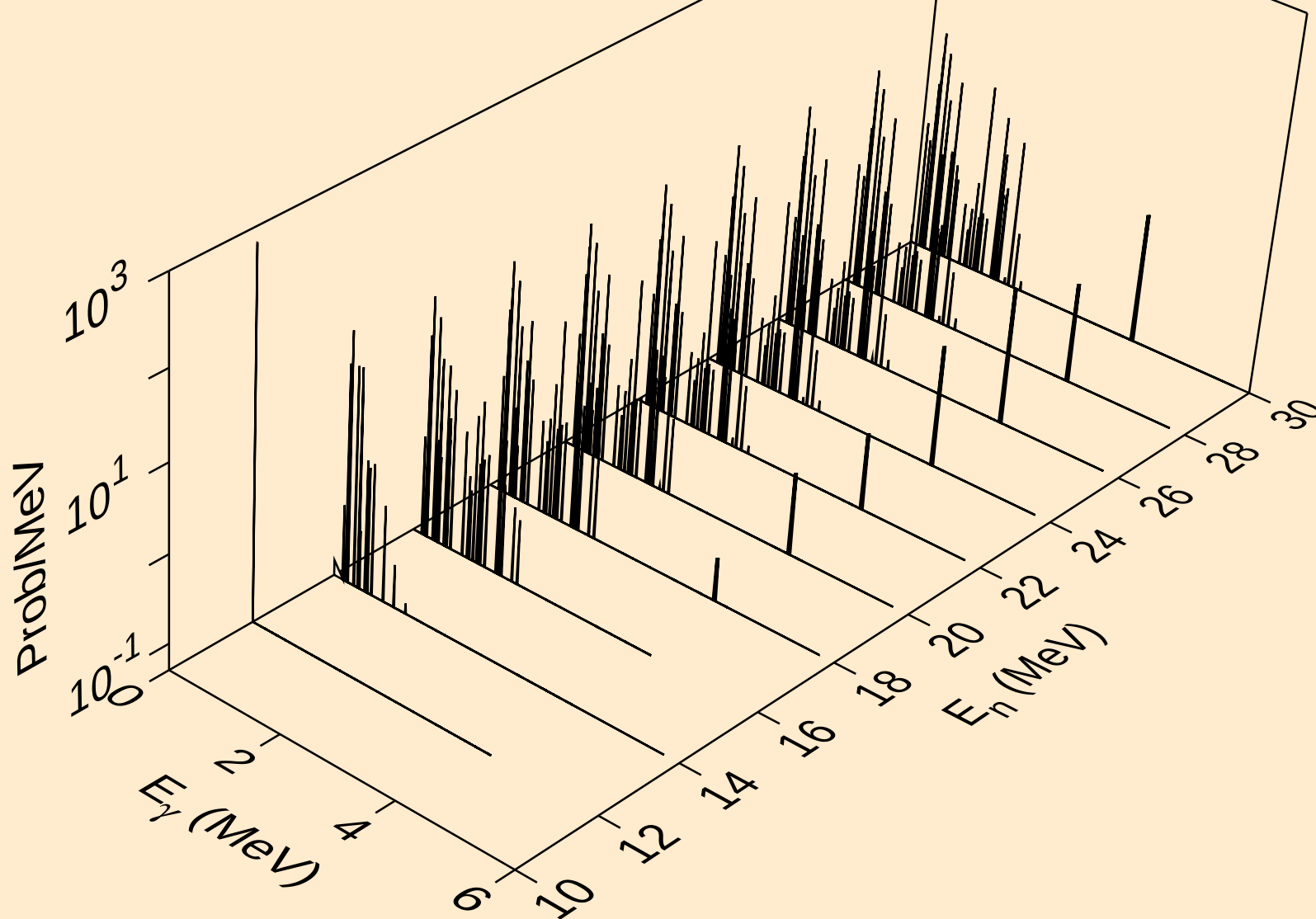
S038 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,gma)



S038 ALPHA ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,p)

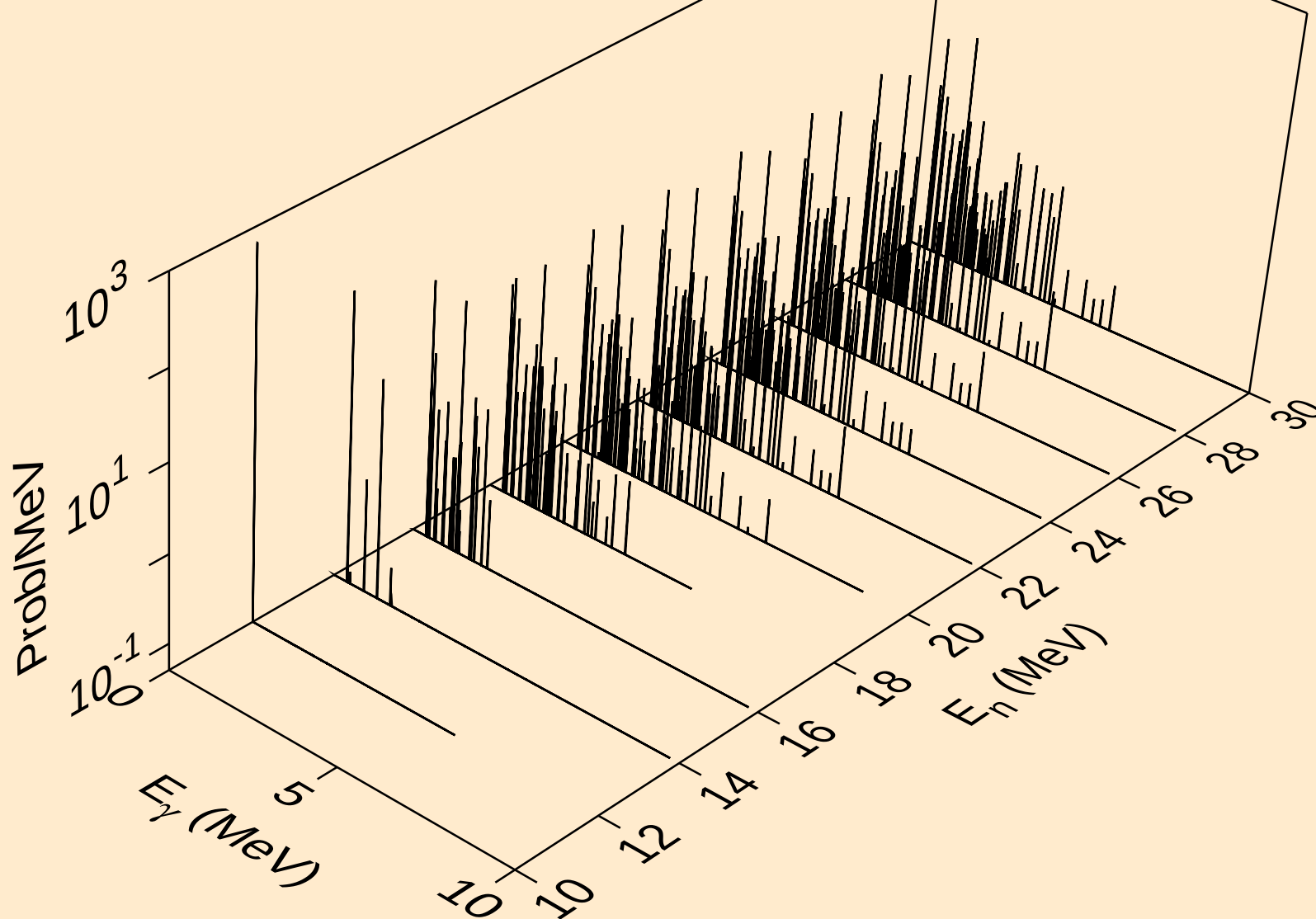


S038 ALPHA ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,d)

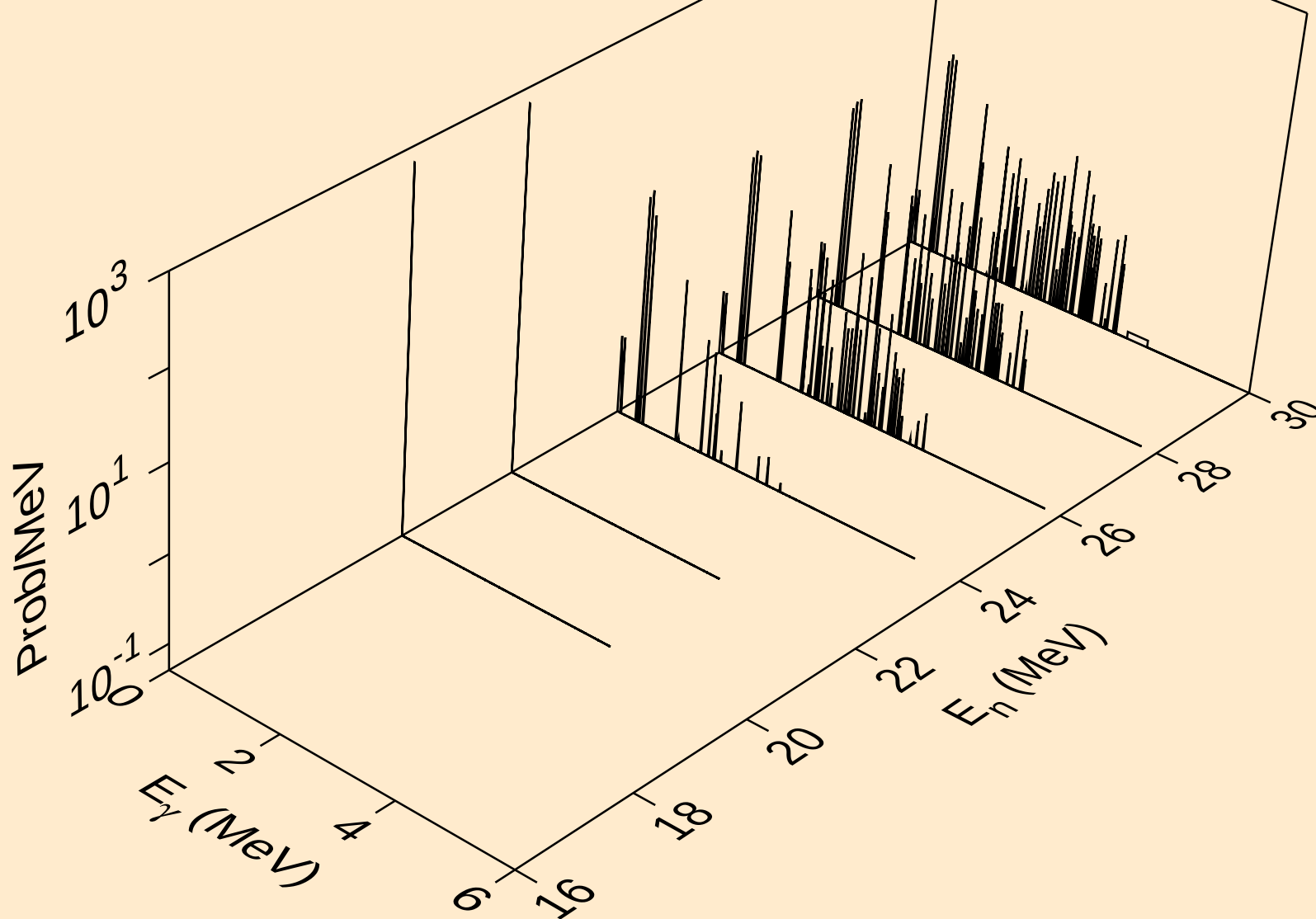


S038 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

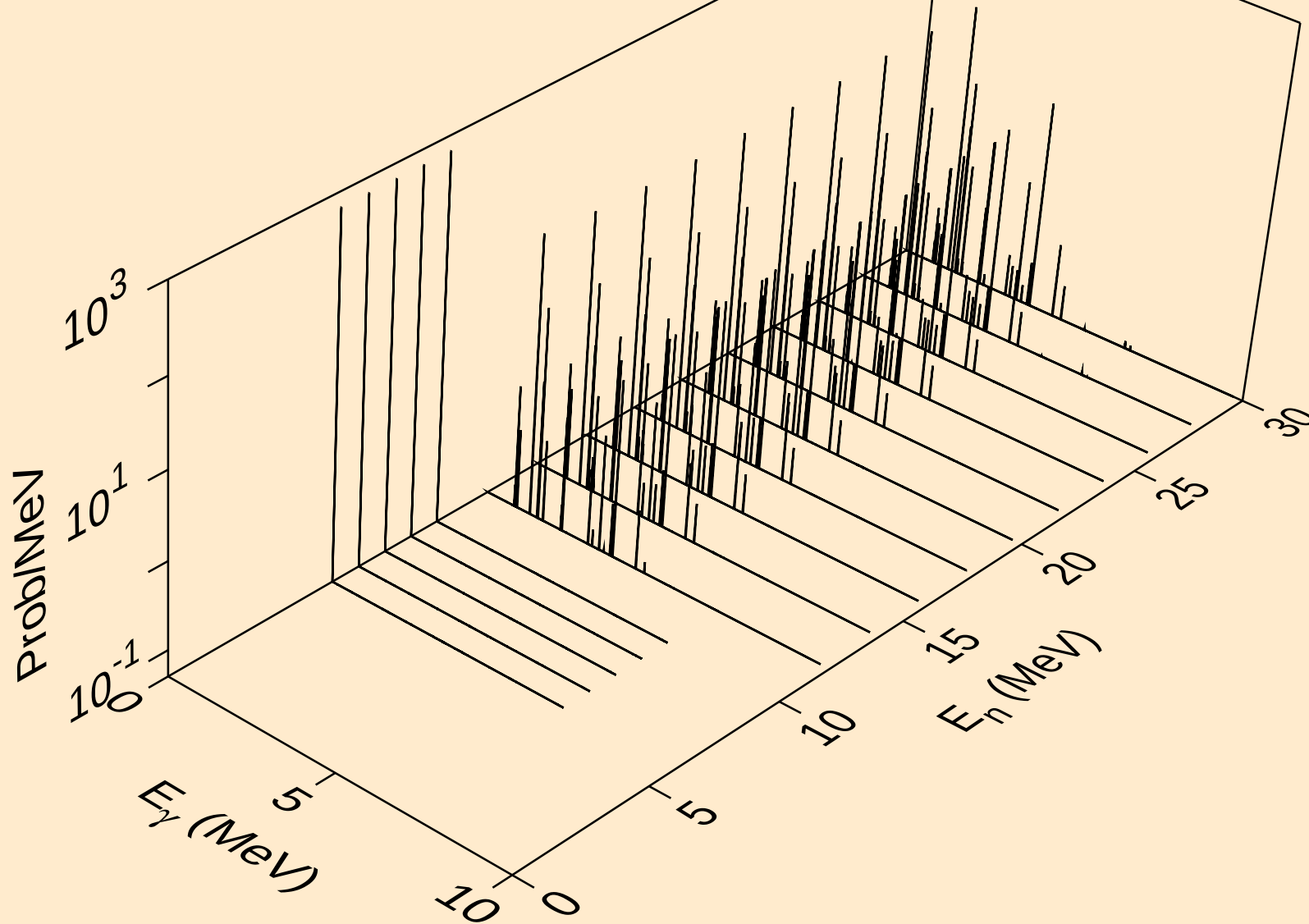
Photon emission for (n,t)



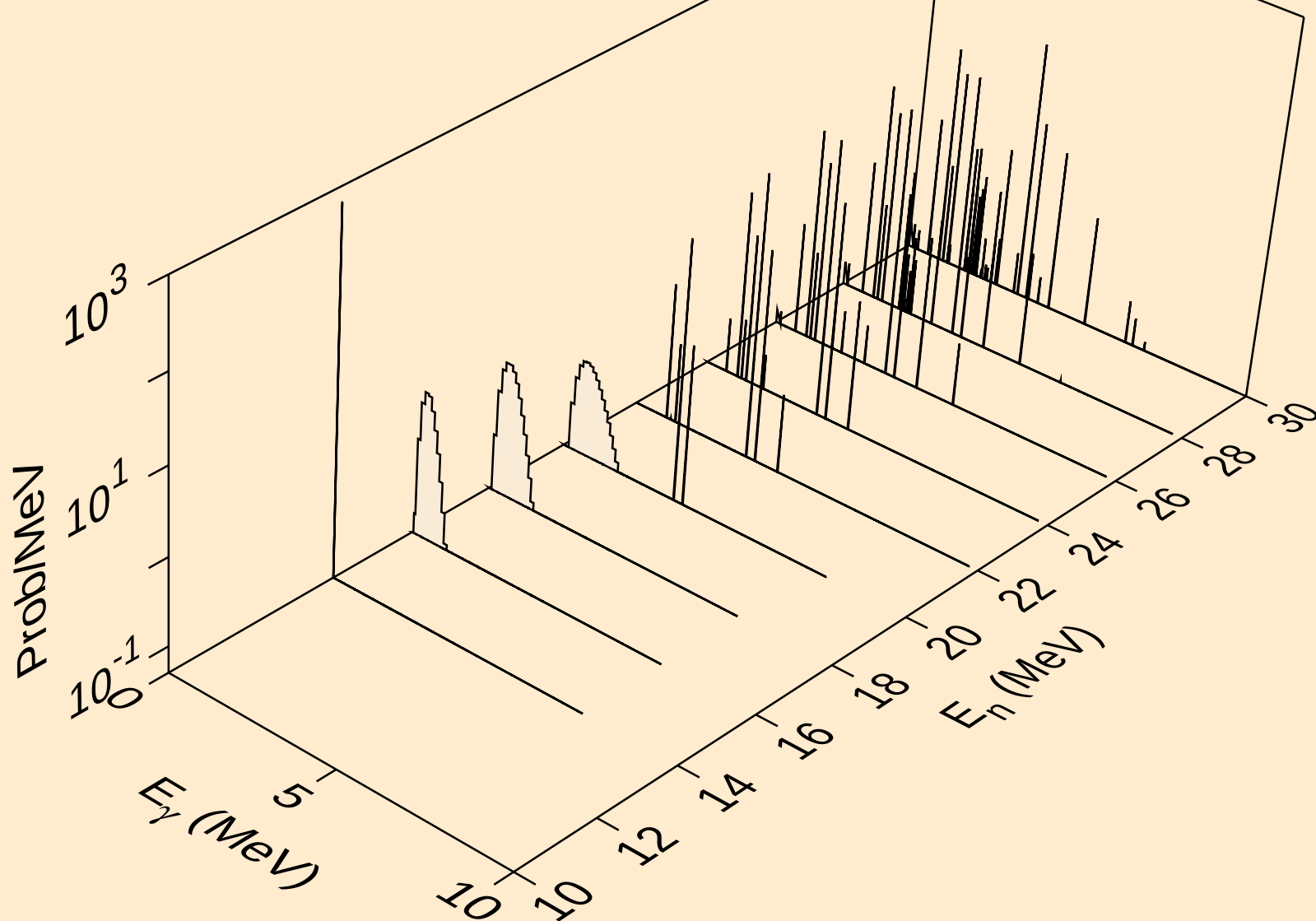
S038 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,he3)



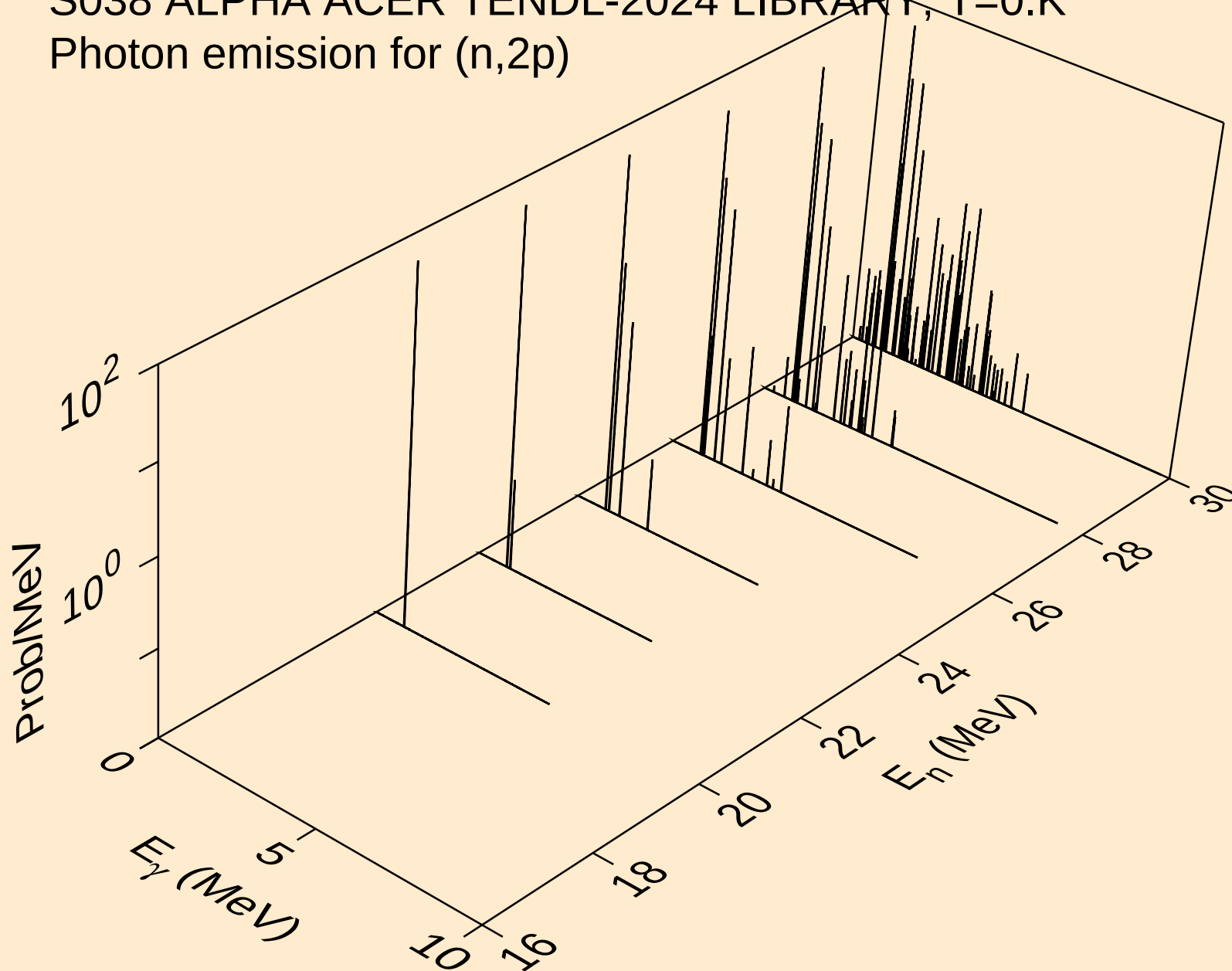
S038 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for inelastic



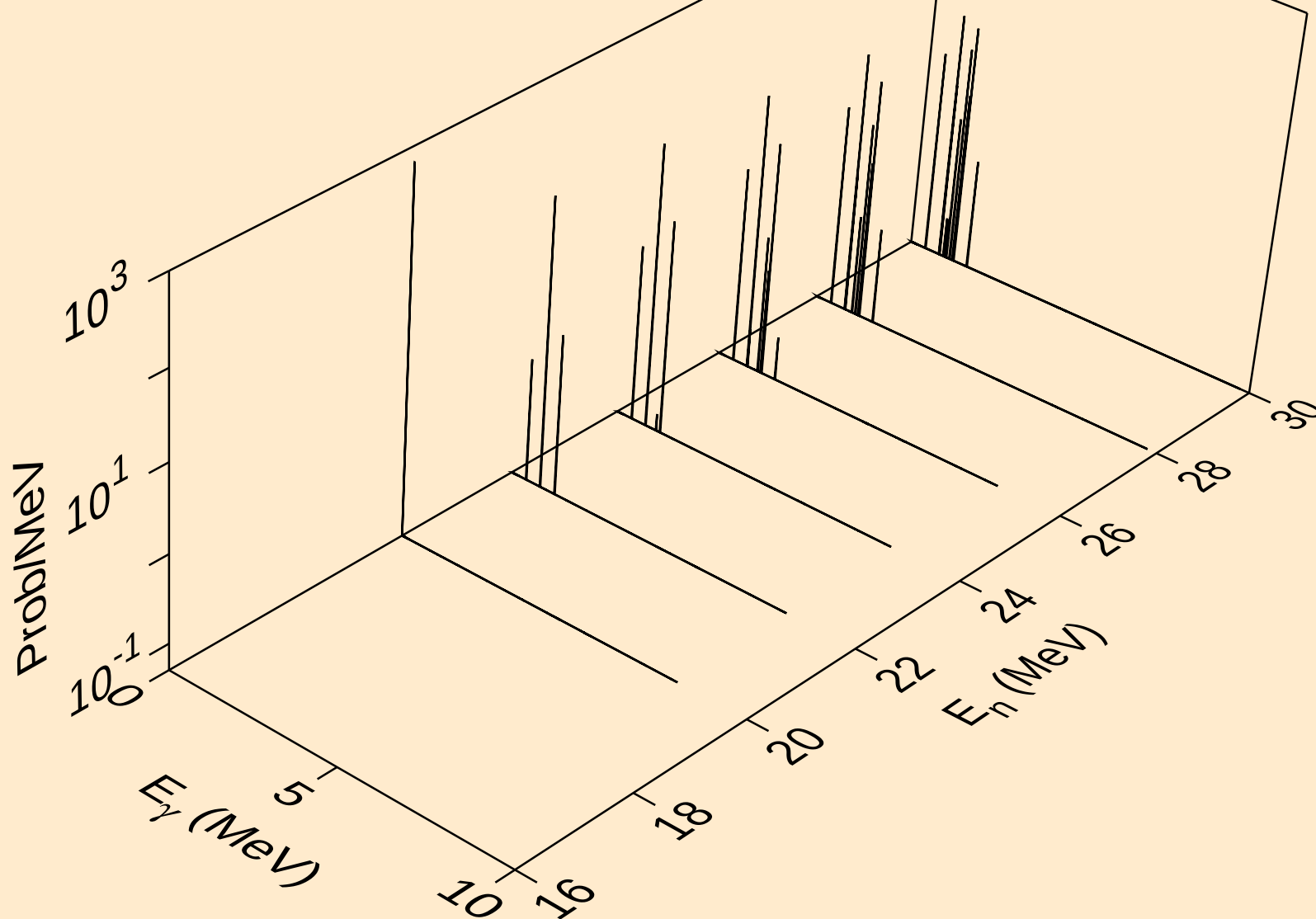
S038 ALPHA ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,2a)



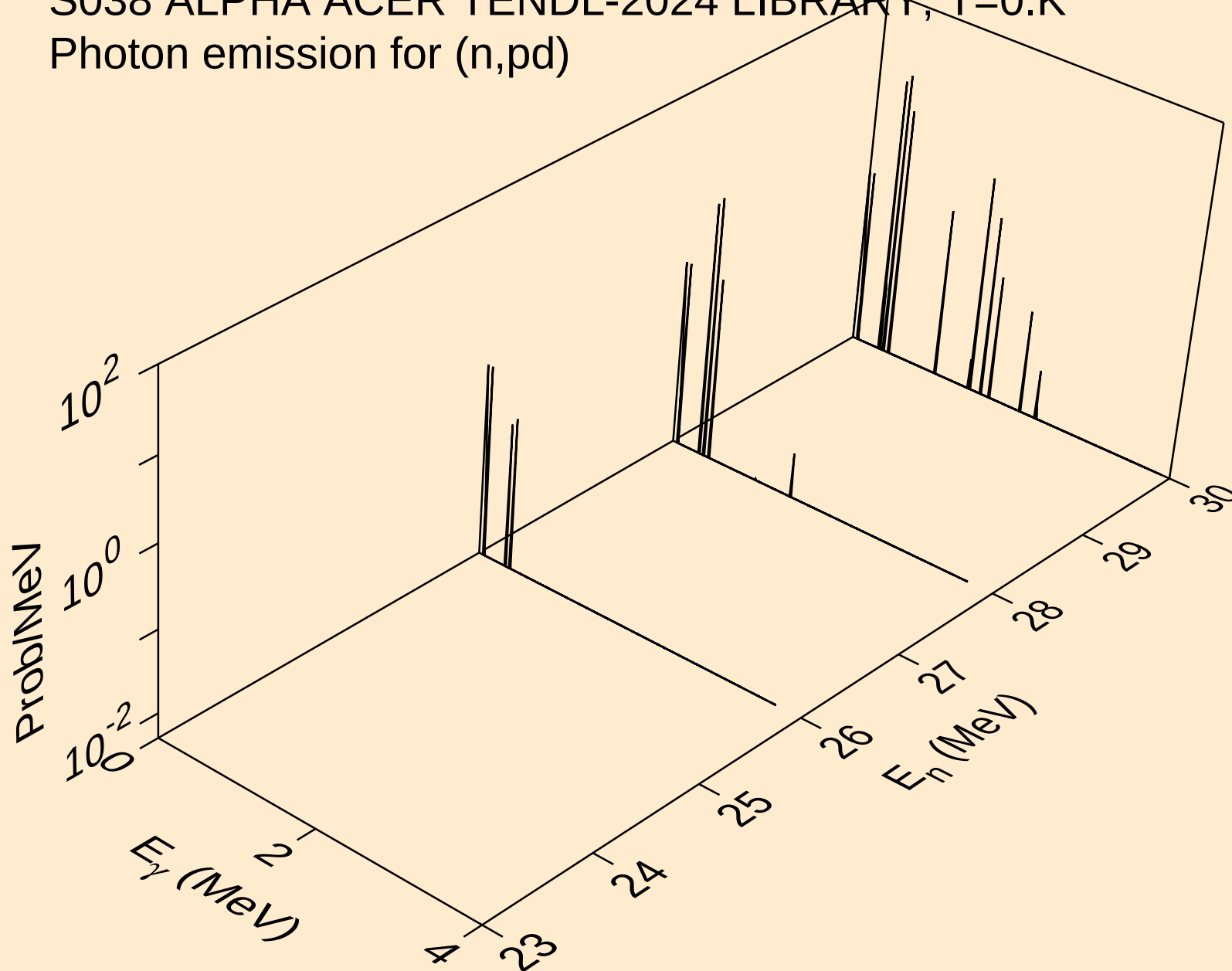
S038 ALPHA ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,2p)



S038 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pa)

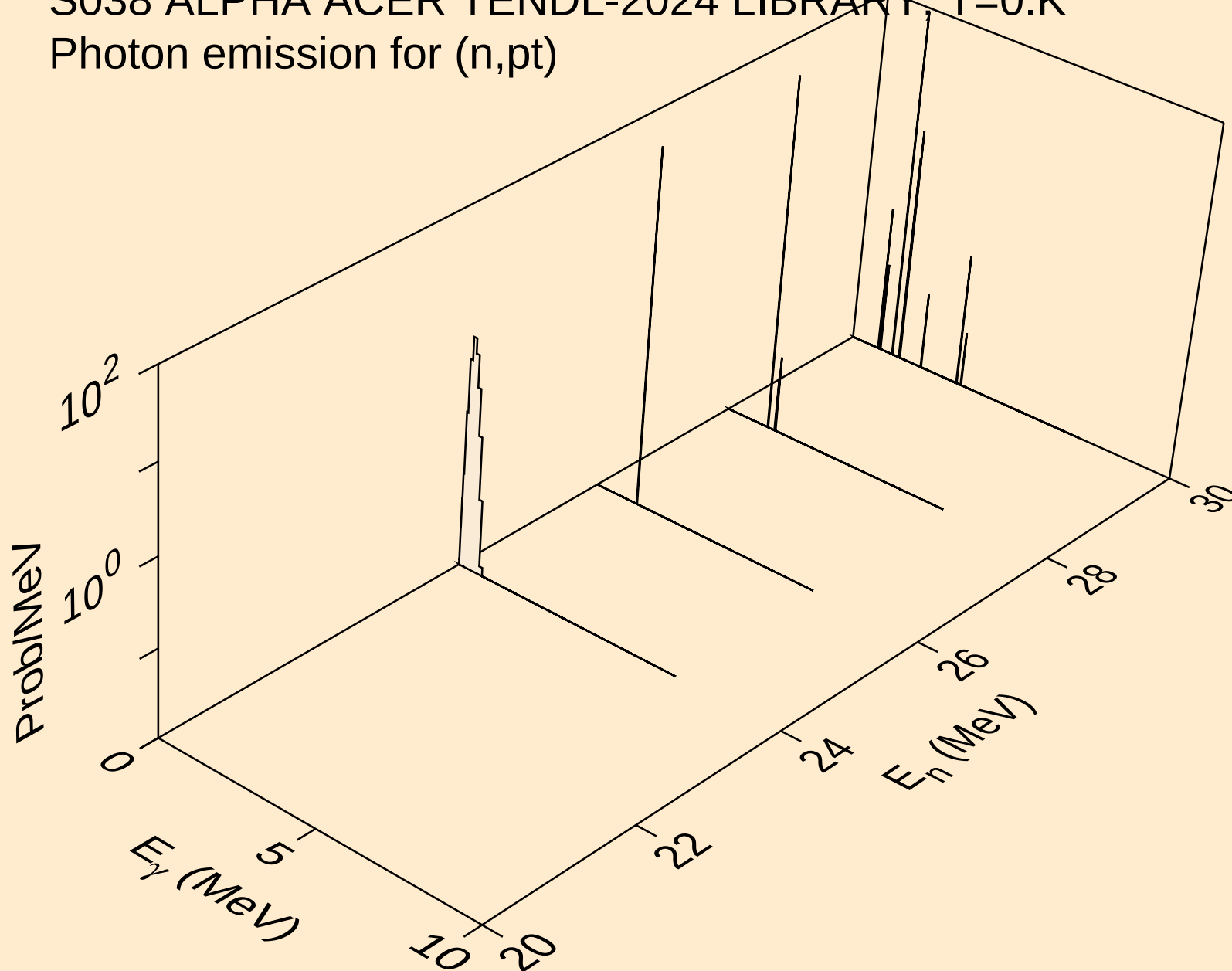


S038 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pd)

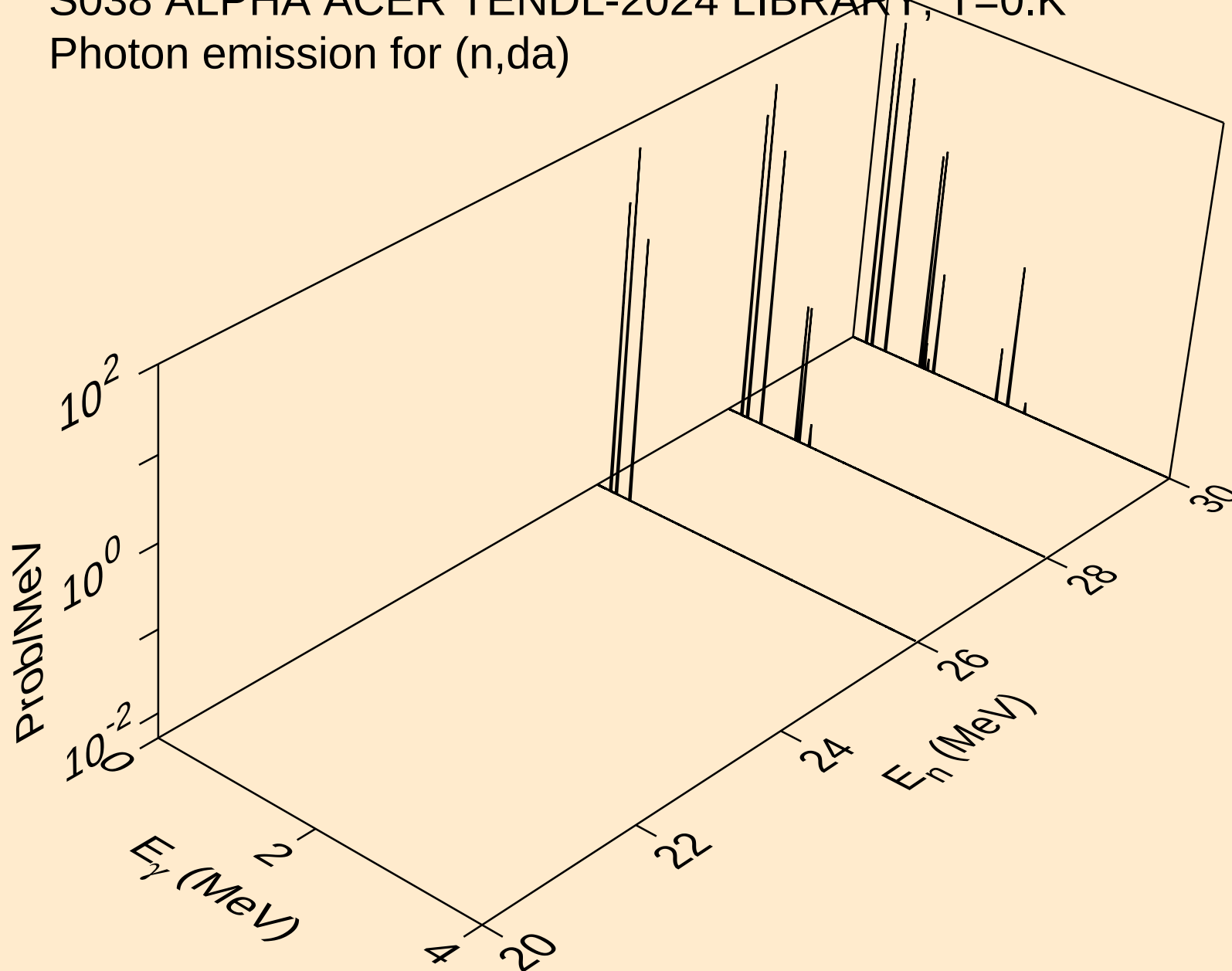


S038 ALPHA ACER TENDL-2024 LIBRARY: T=0.K

Photon emission for (n,pt)

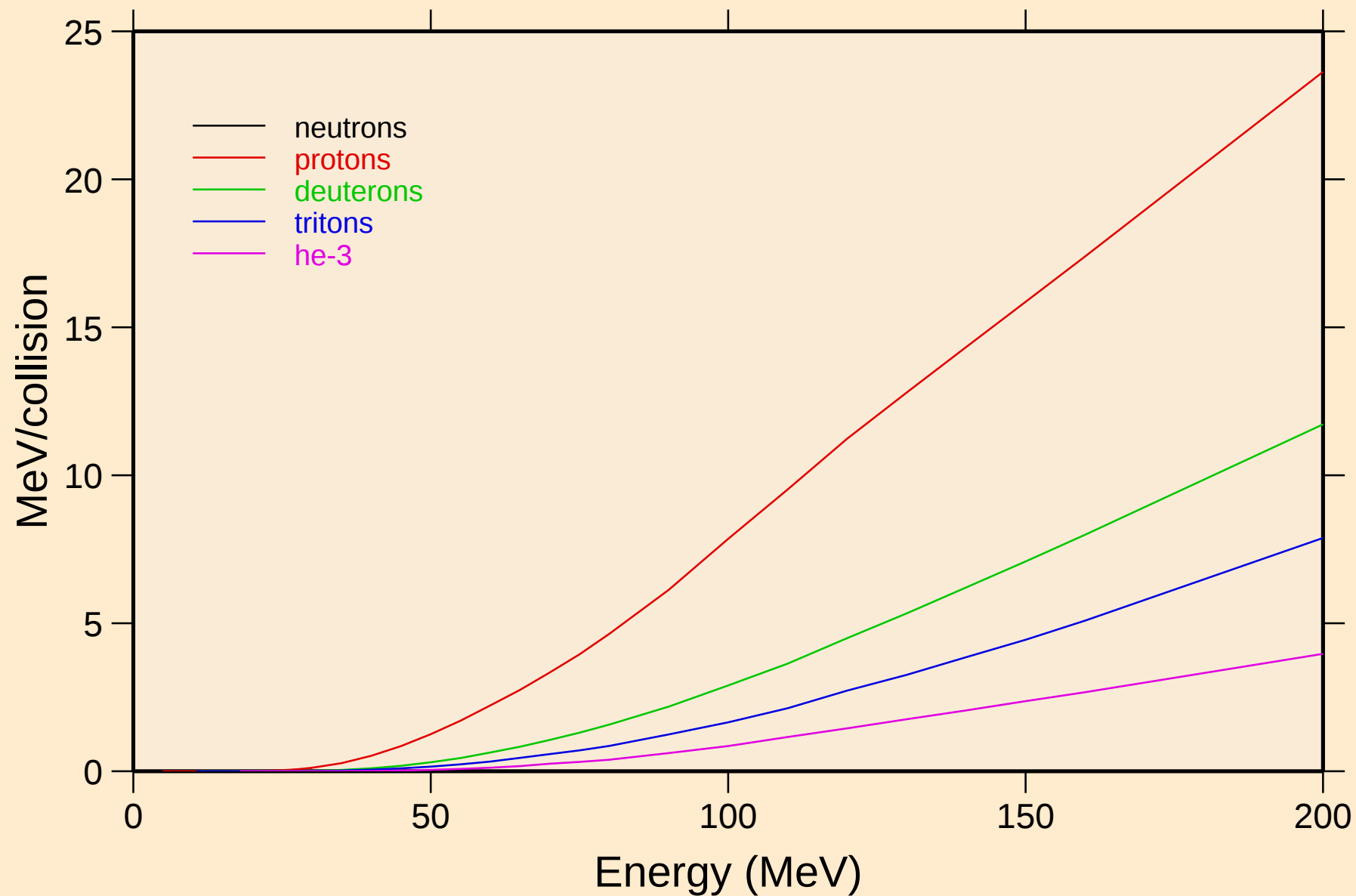


S038 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,da)



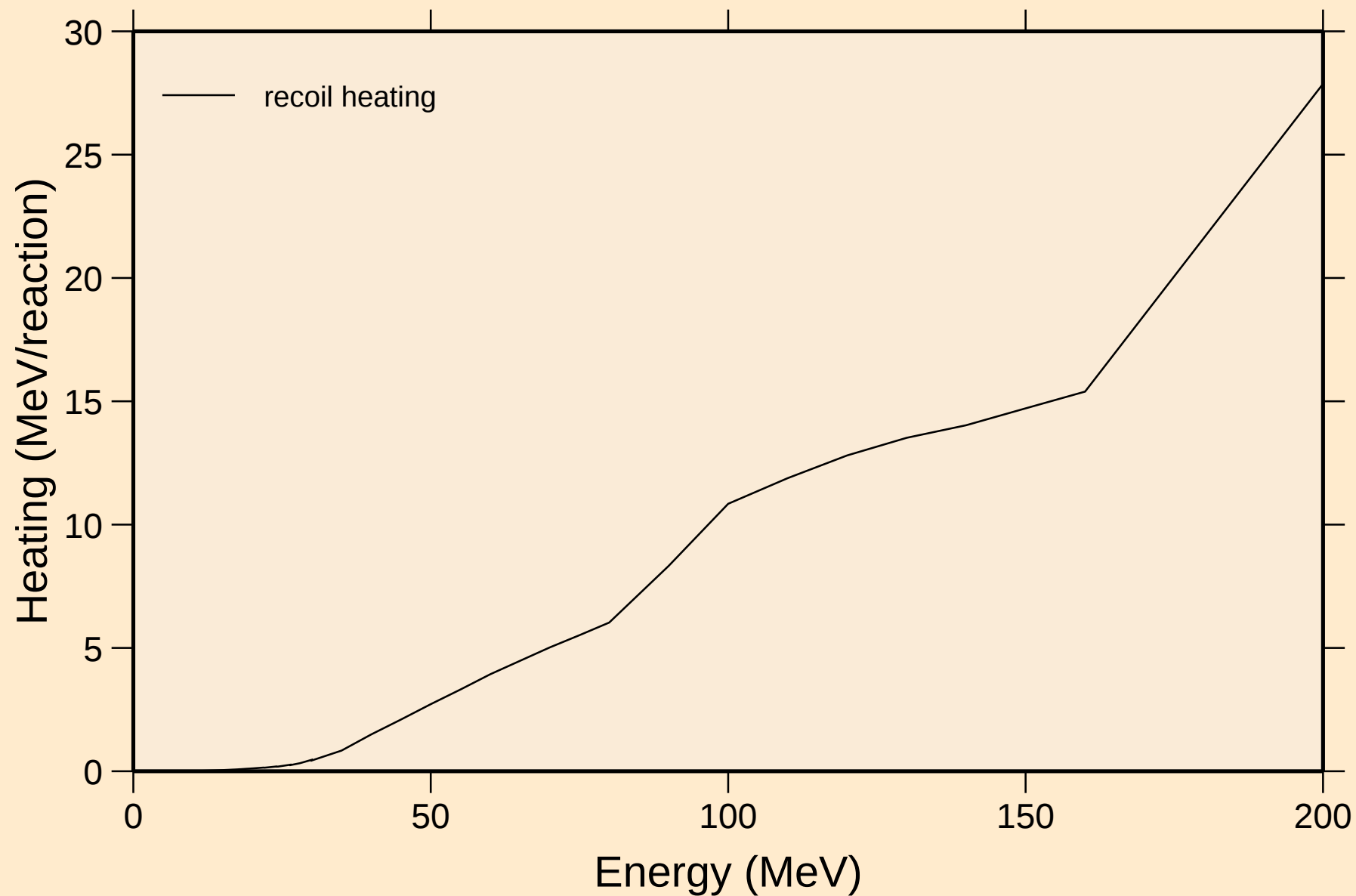
S038 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Particle heating contributions



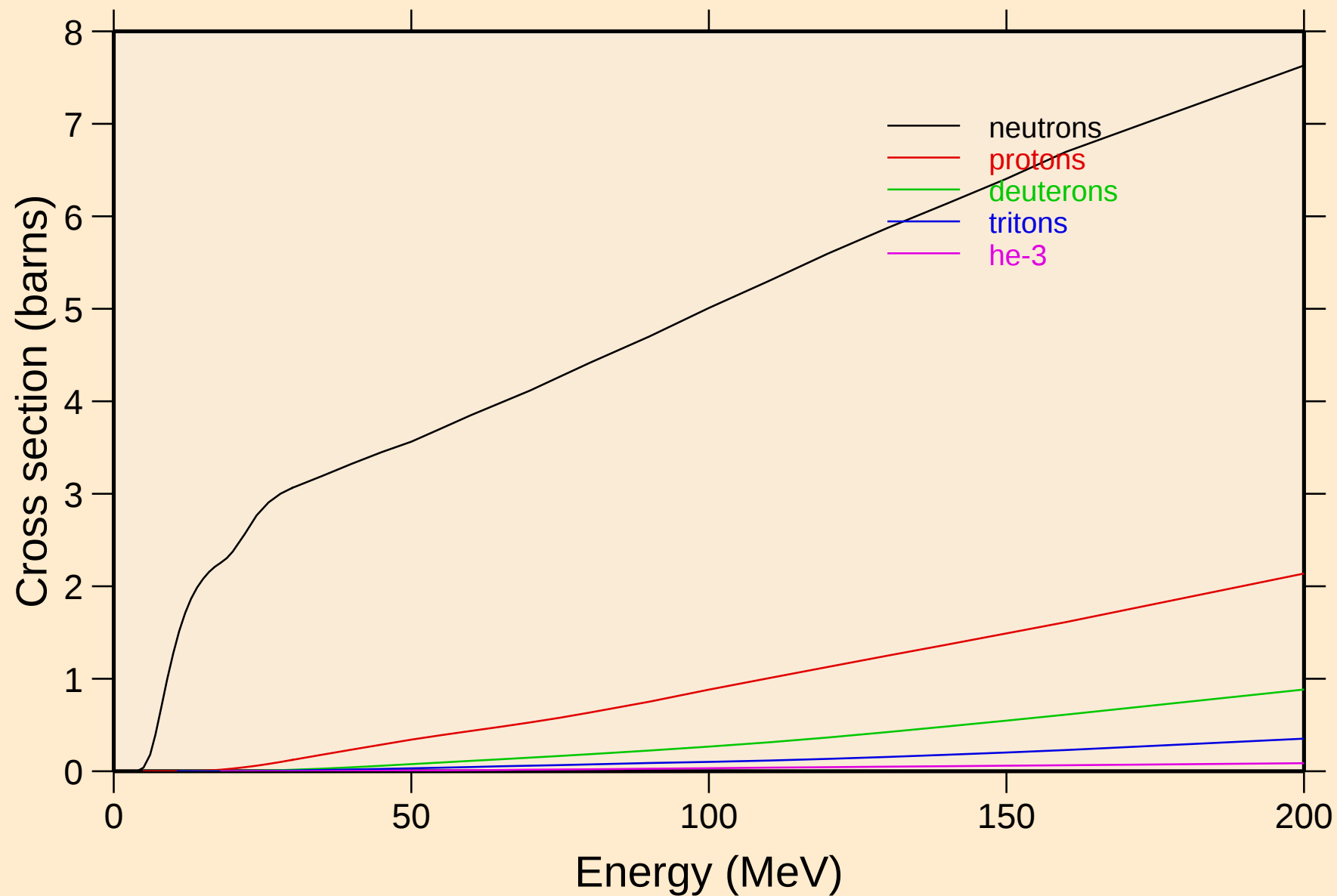
S038 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Recoil Heating

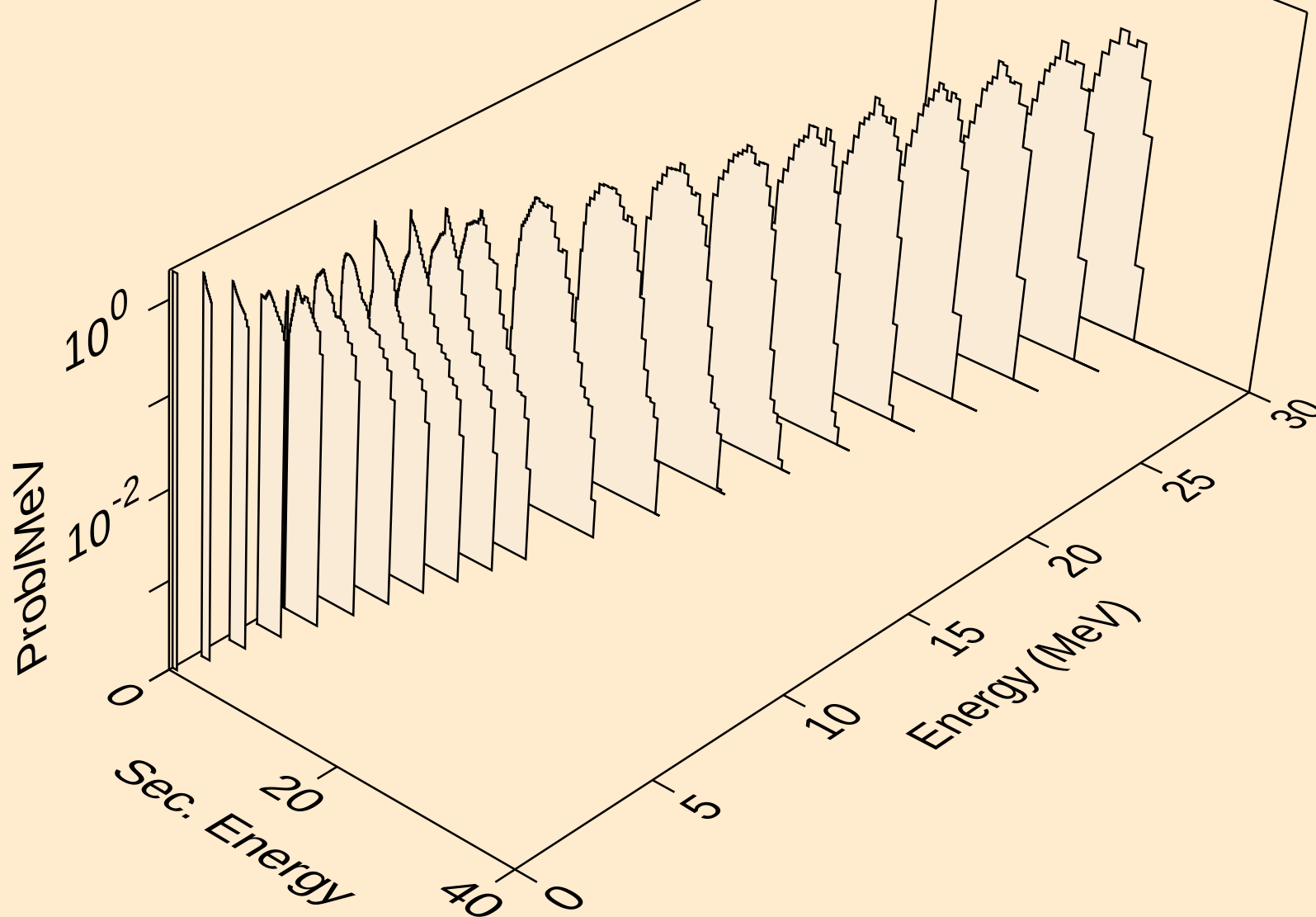


S038 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

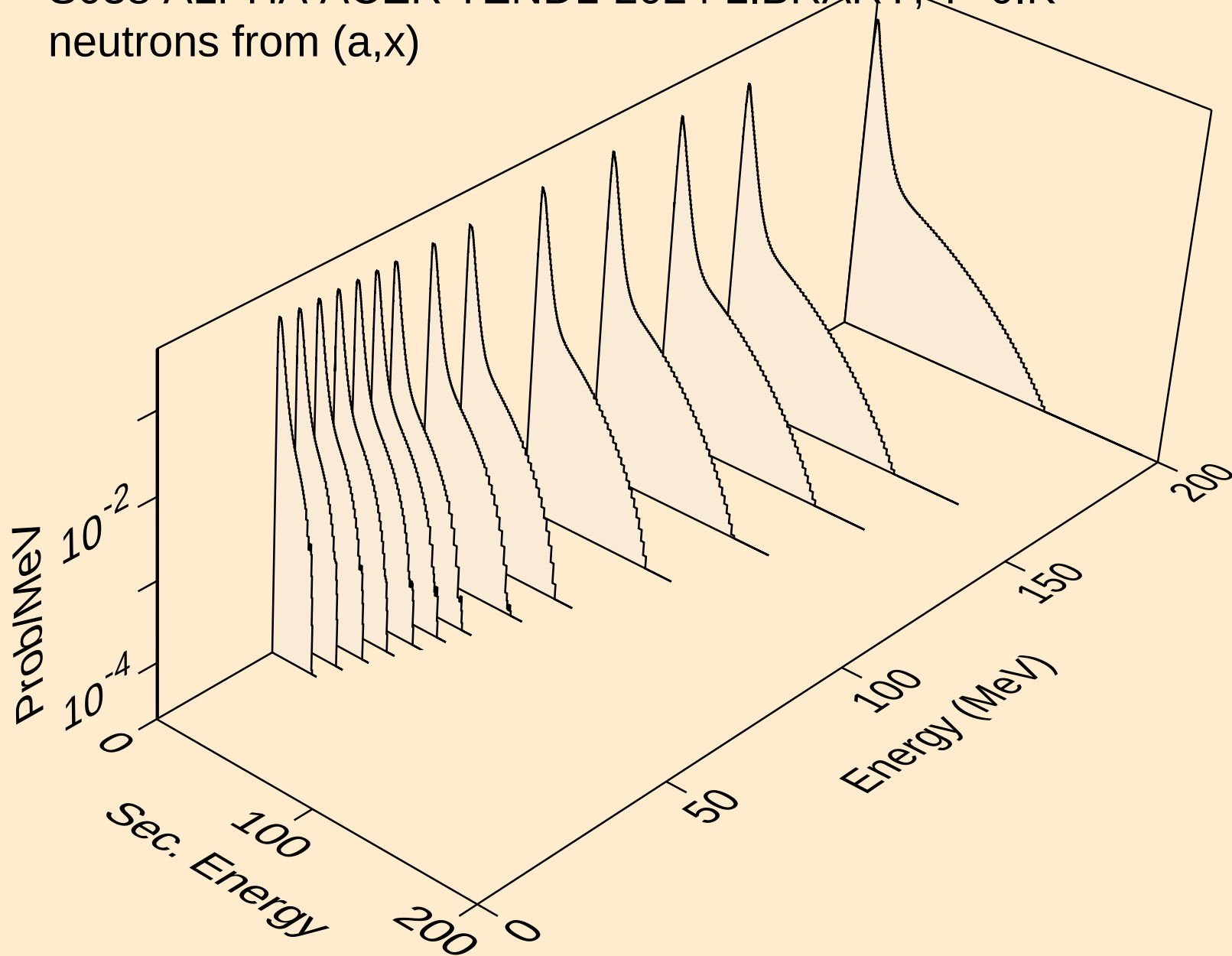
Particle production cross sections



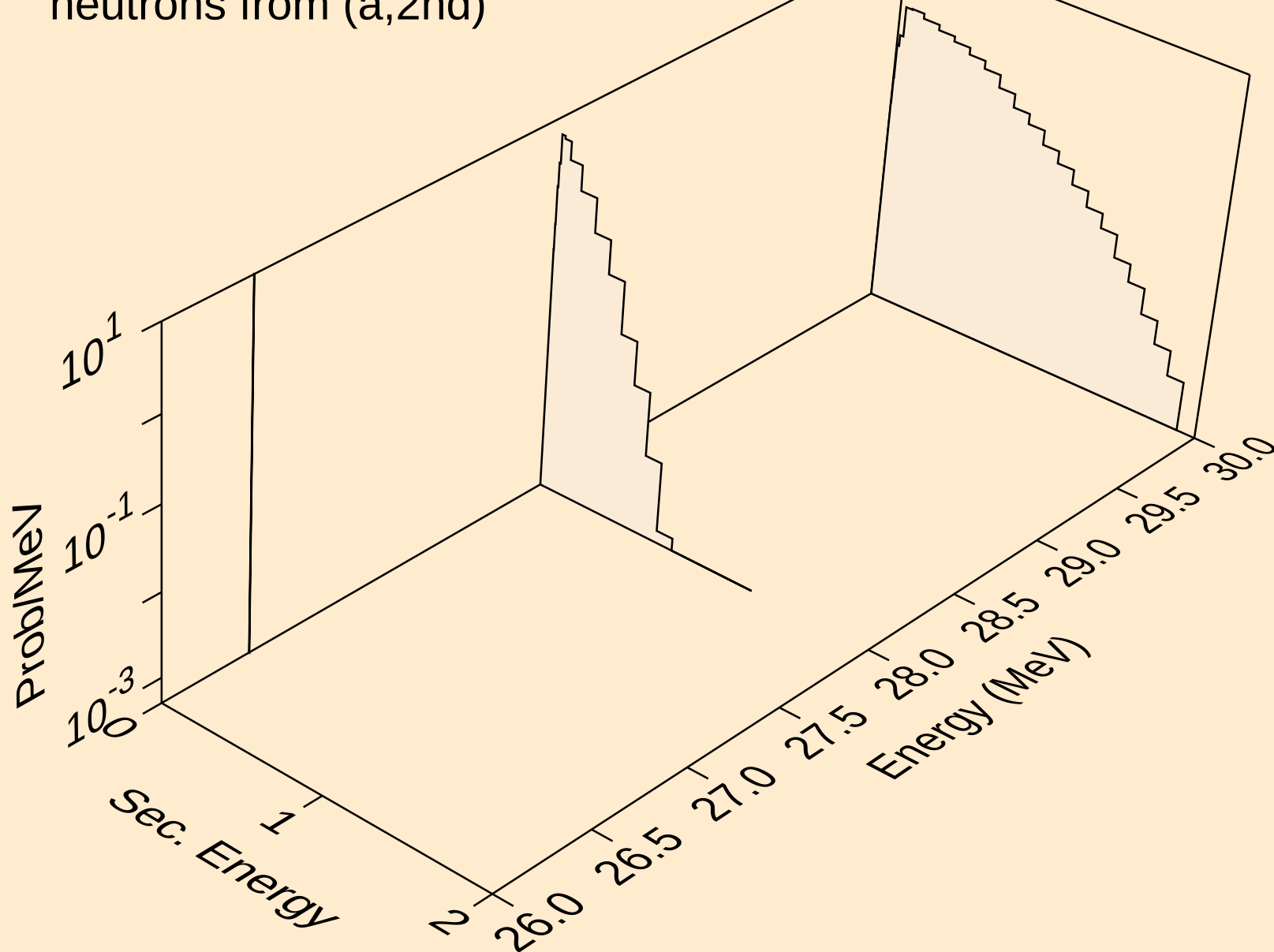
S038 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,n)



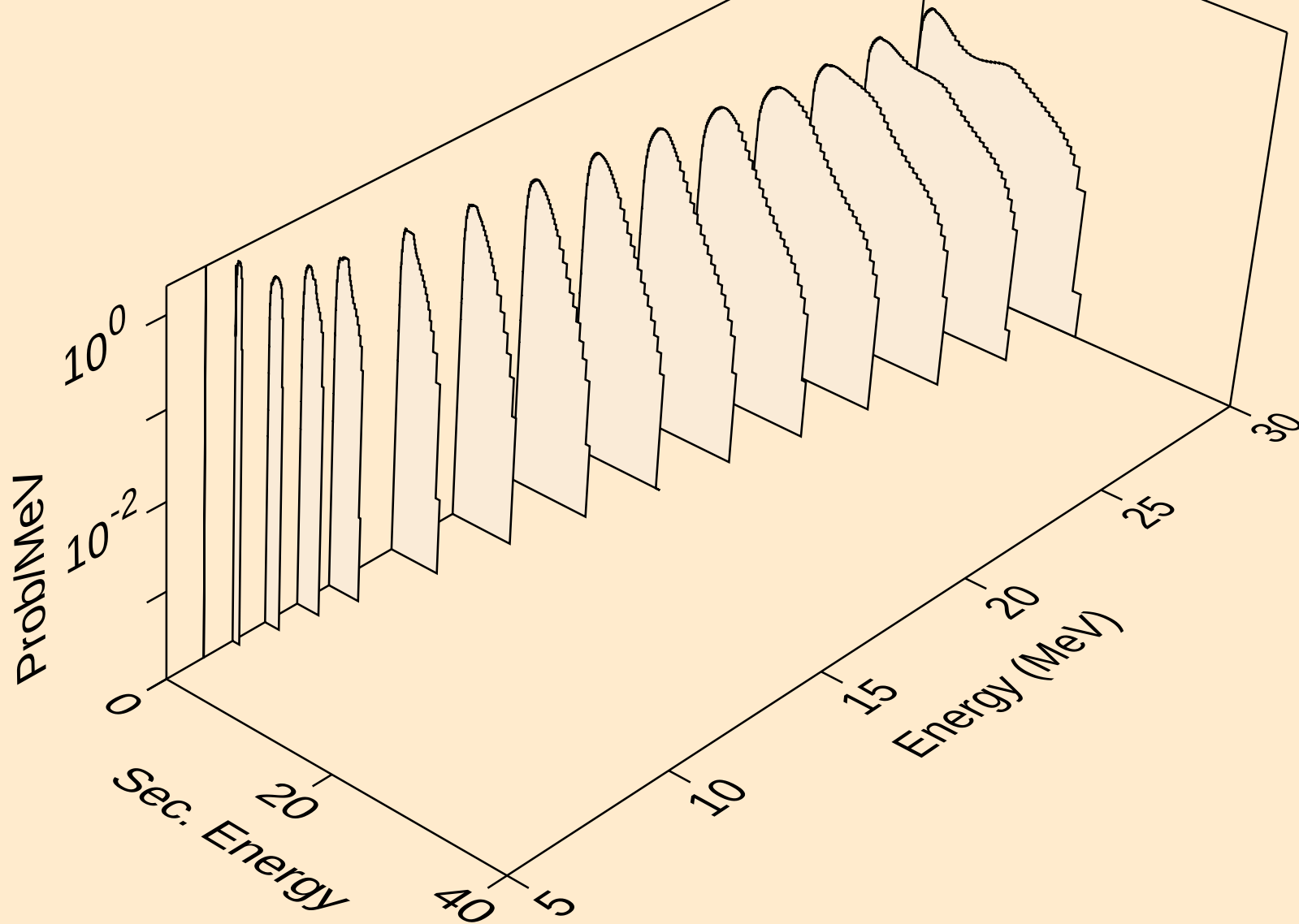
S038 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,x)



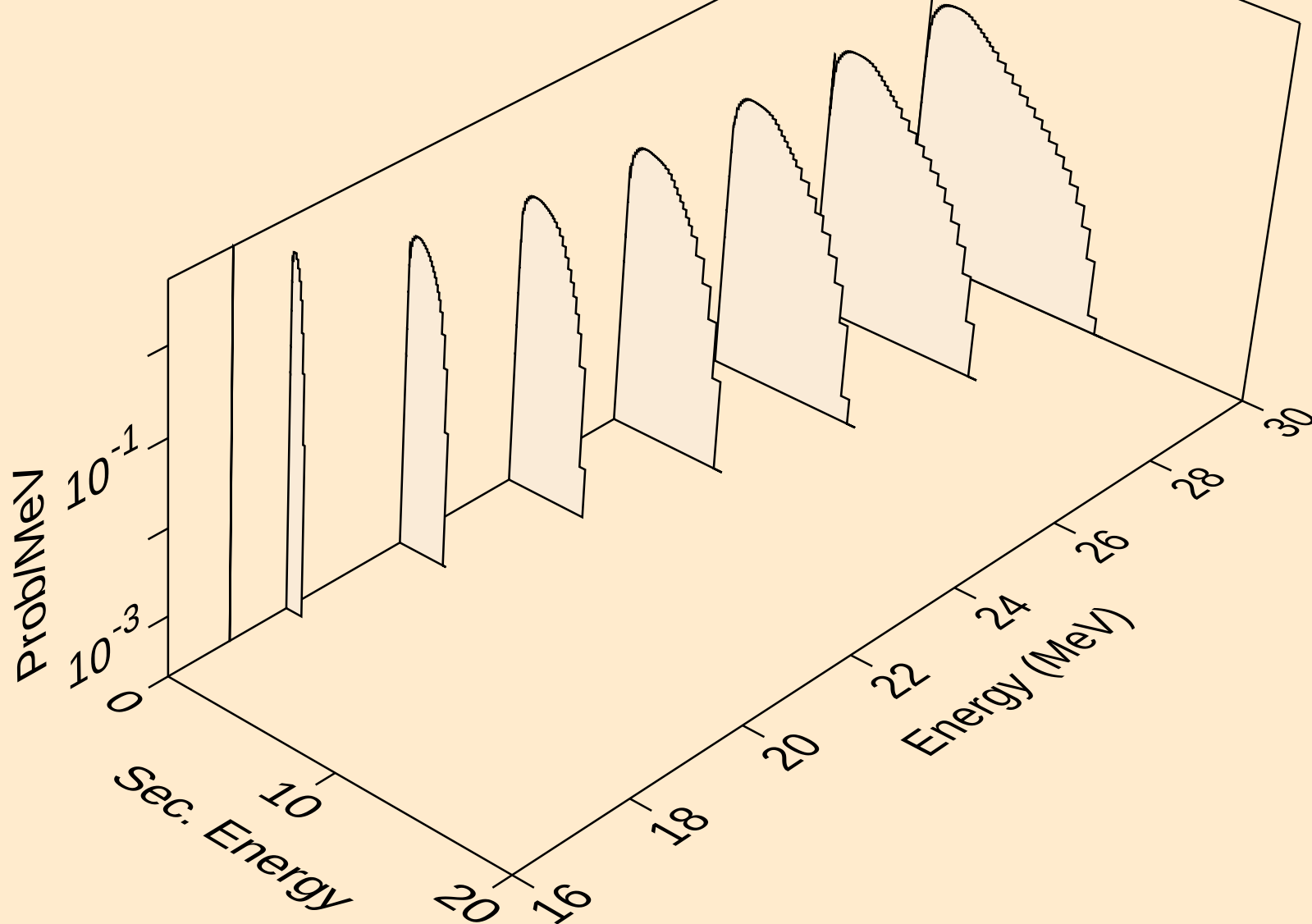
S038 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,2nd)



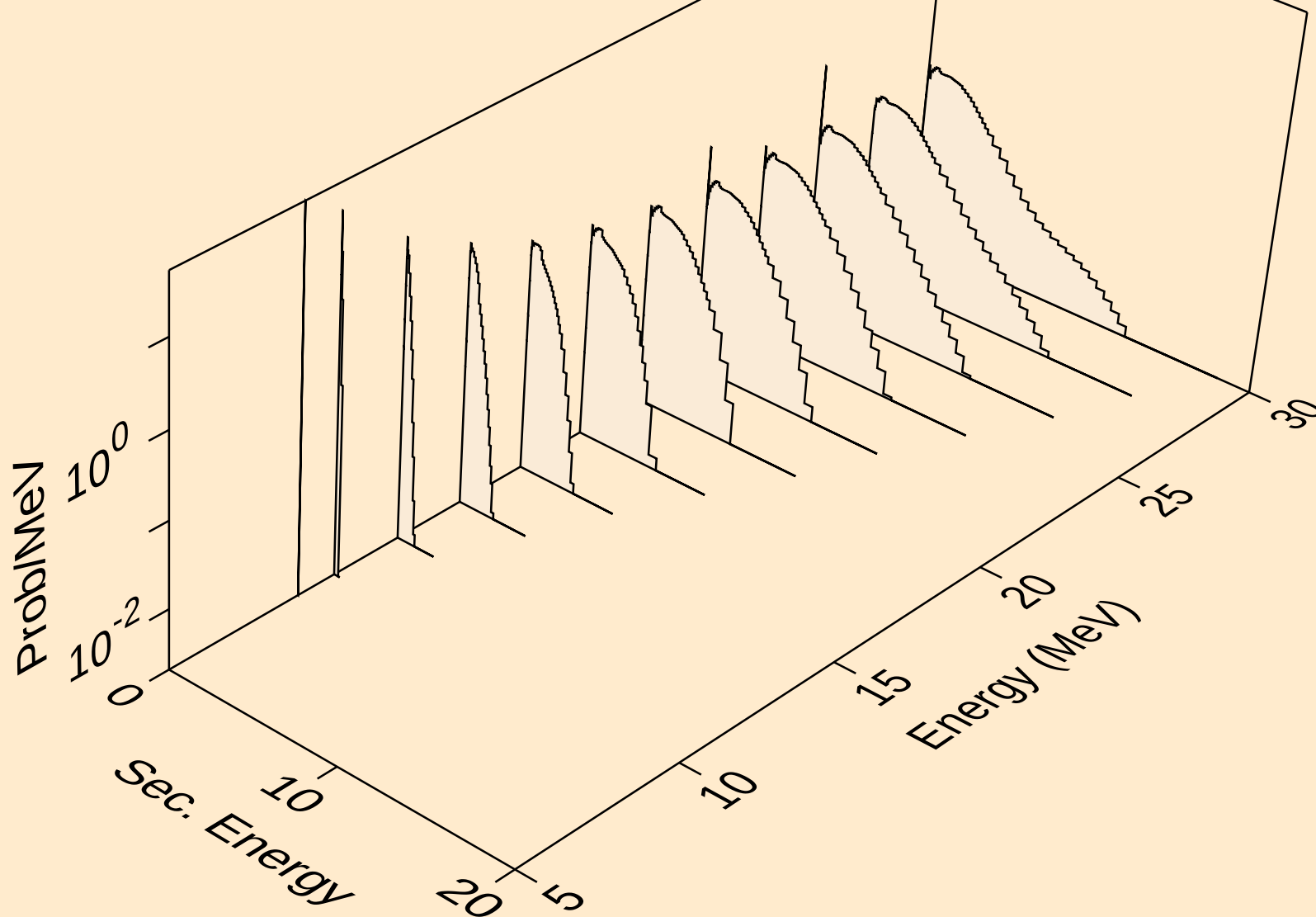
S038 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,2n)



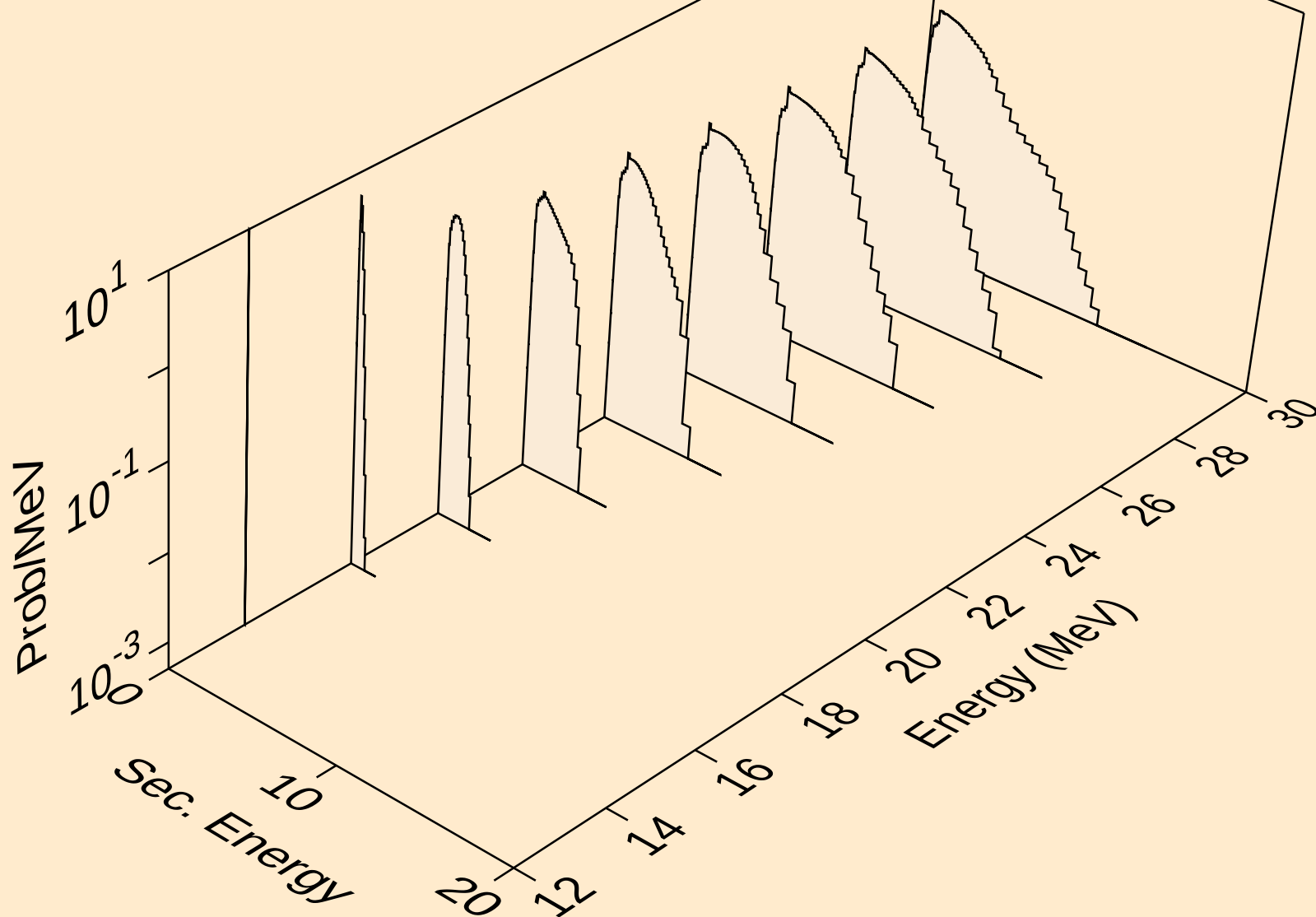
S038 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,3n)



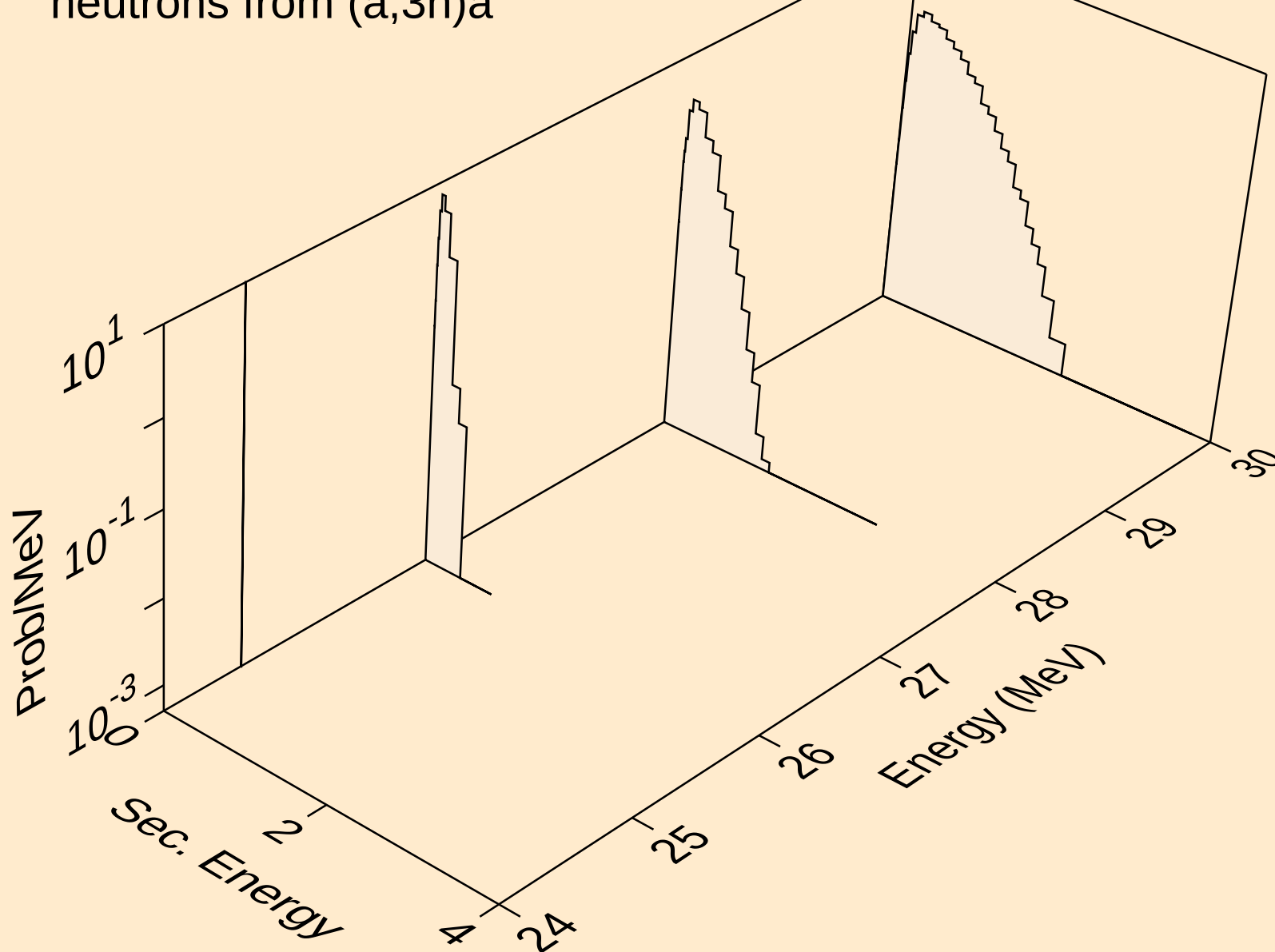
S038 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,n*)a



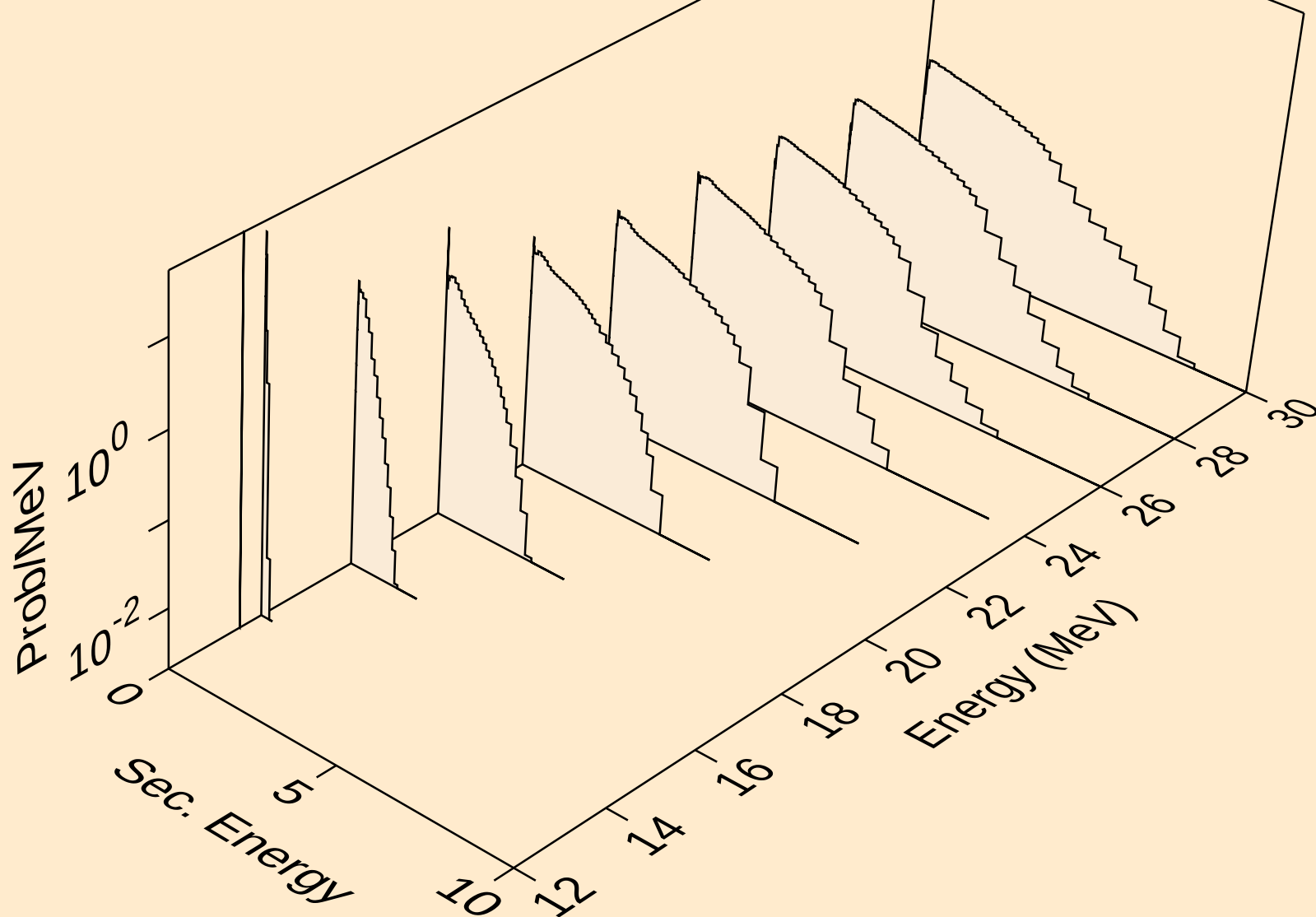
S038 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,2n)a



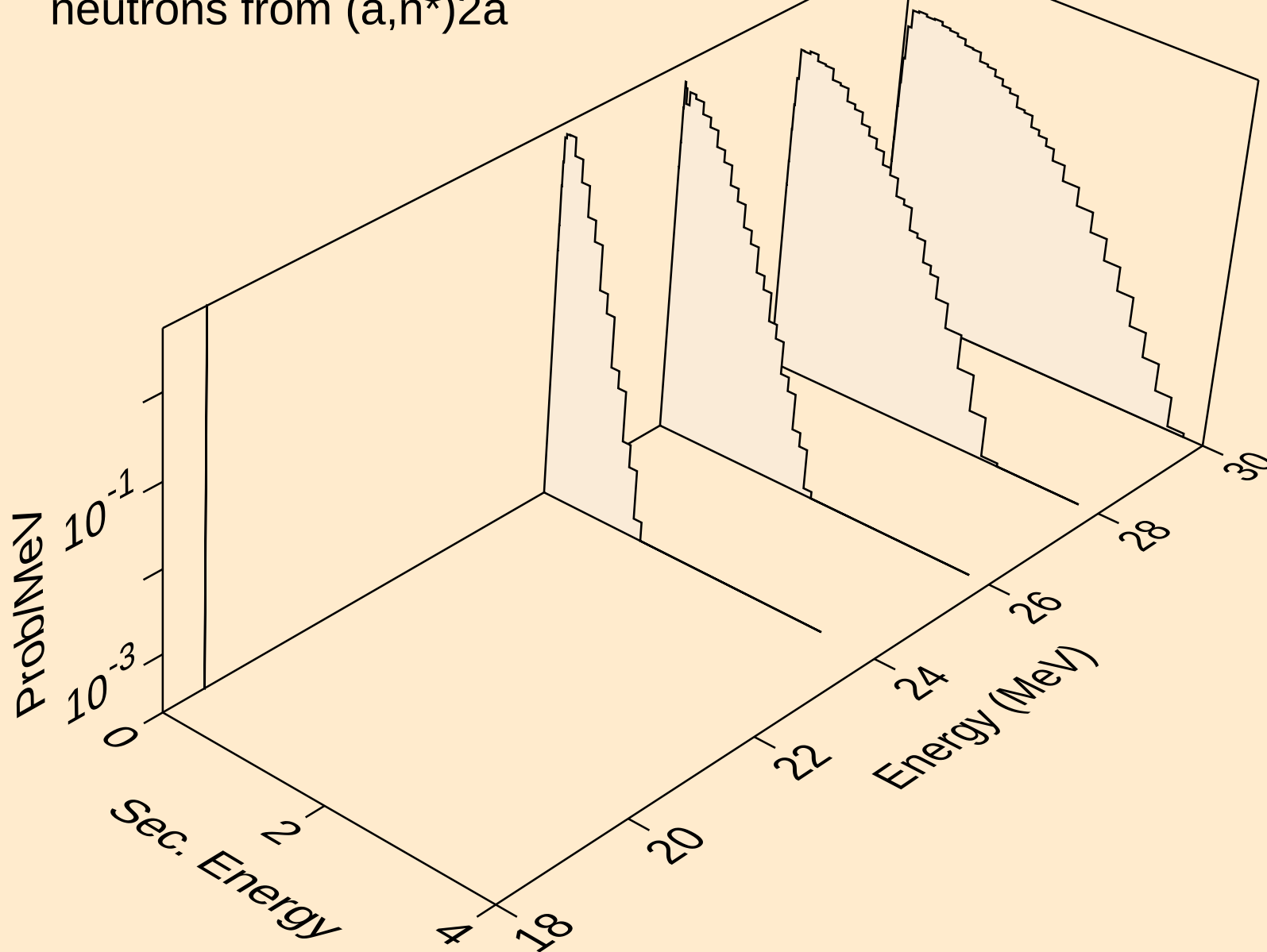
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neutrons from (a,3n)a



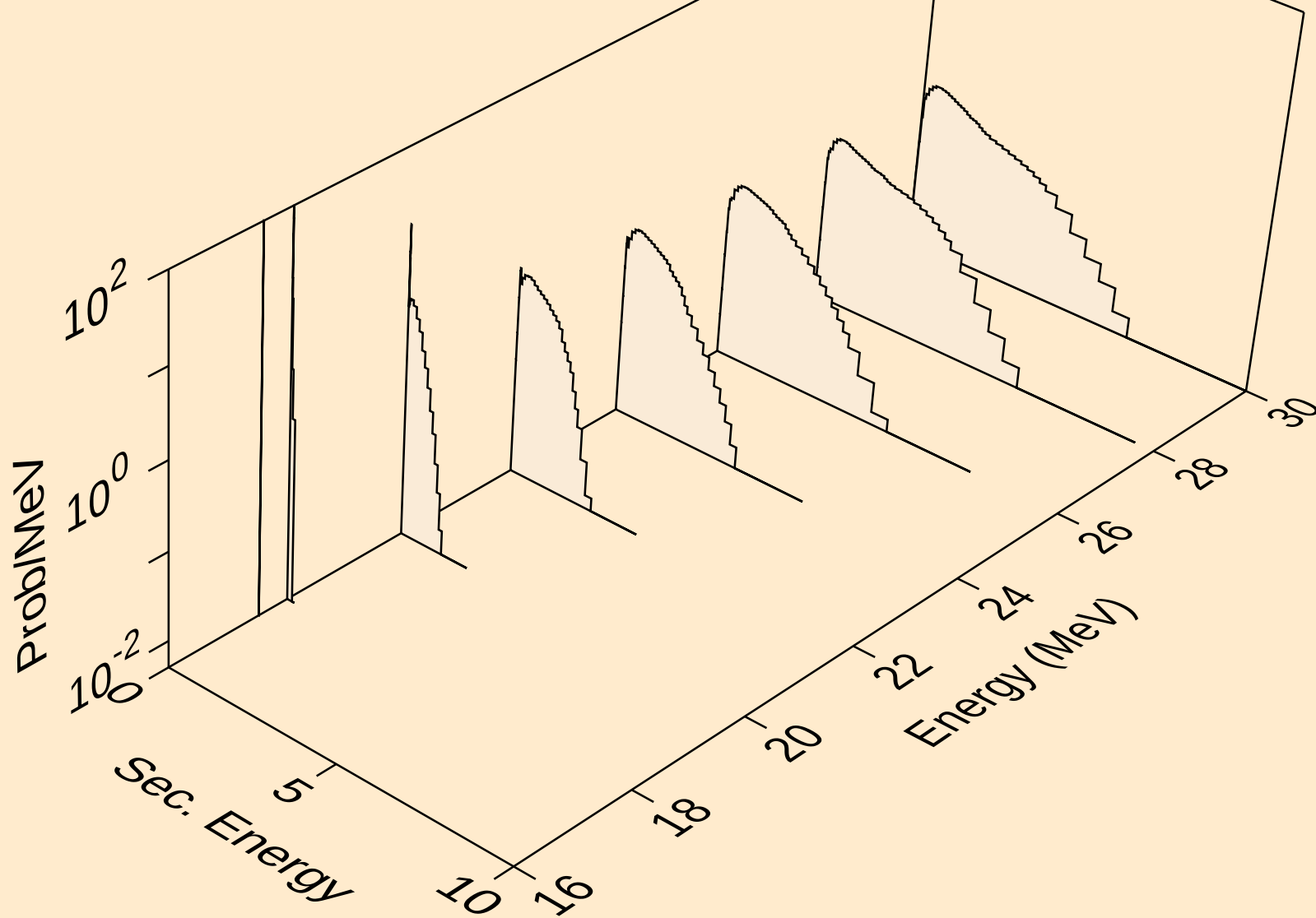
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neutrons from (a,n*)p



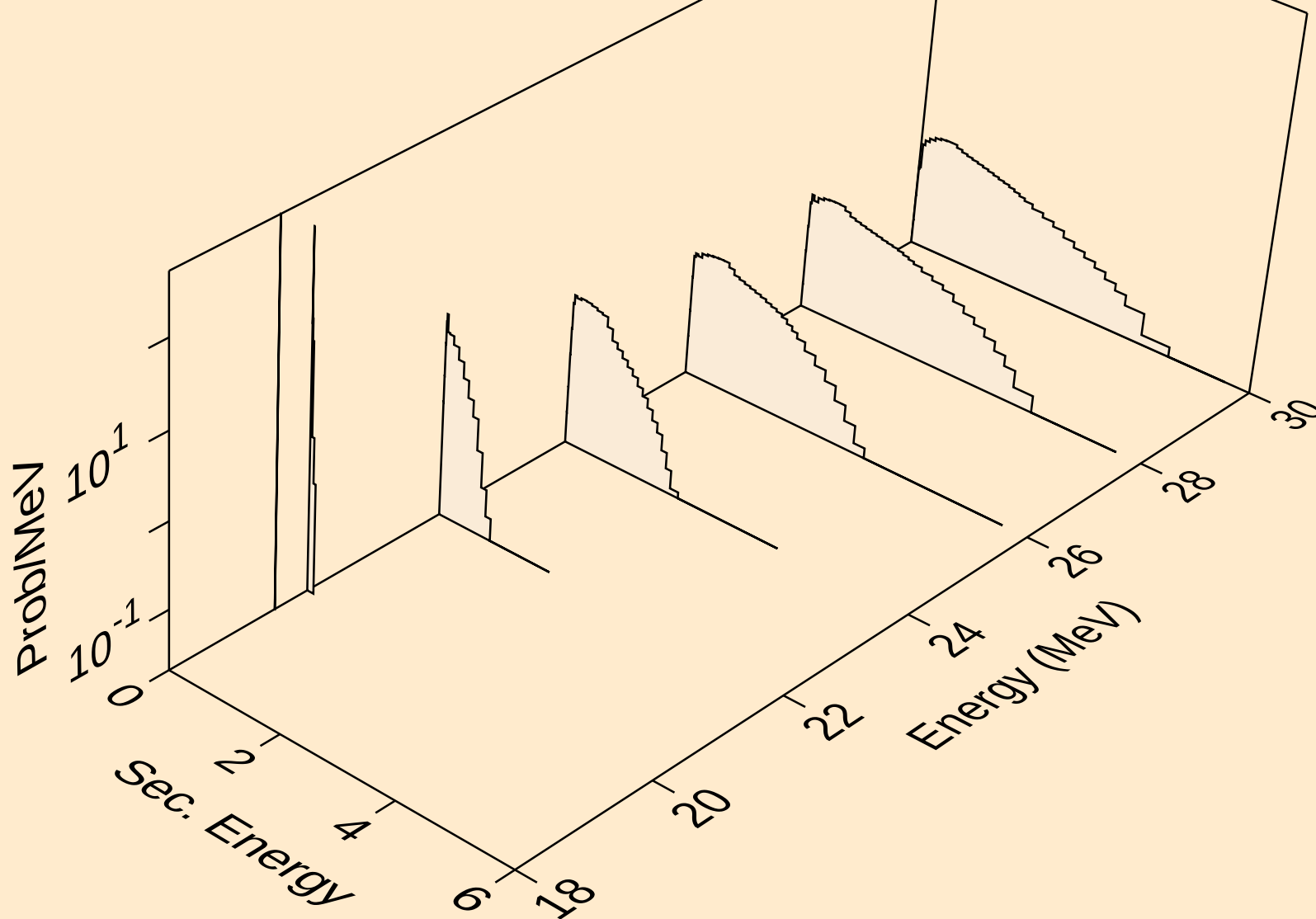
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neutrons from (a,n*)2a



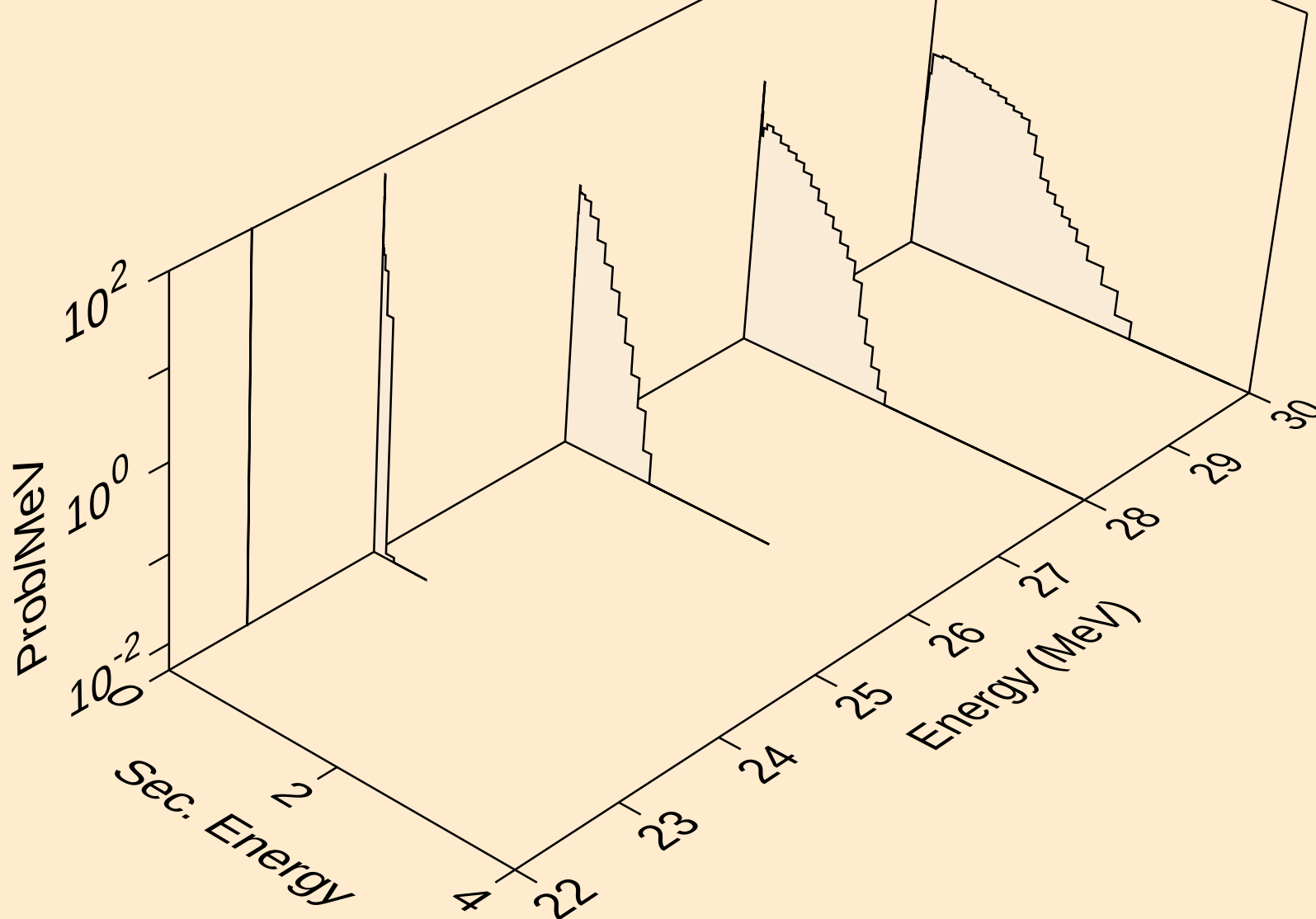
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neutrons from (a,n*)d



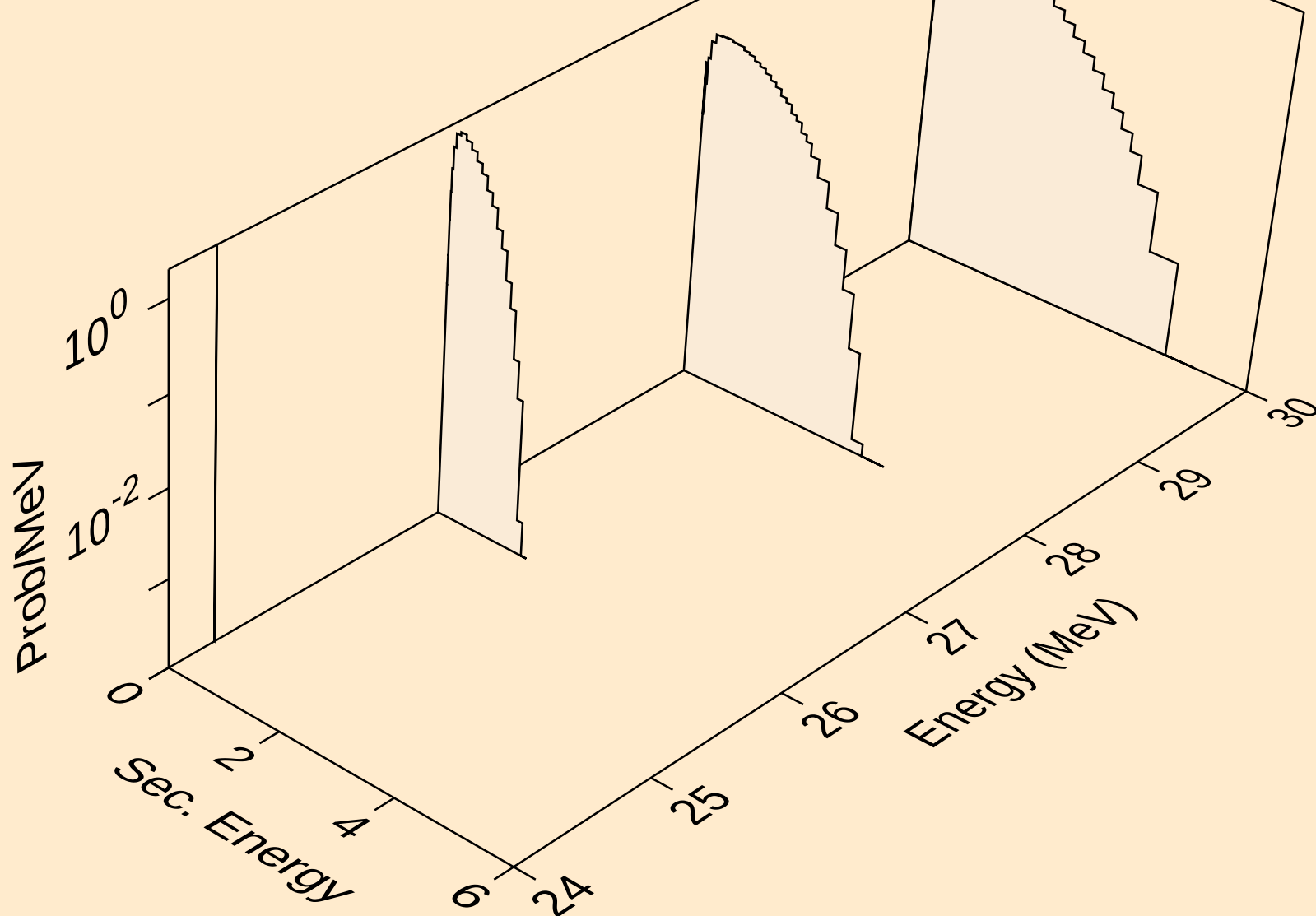
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neutrons from (a,n*)t



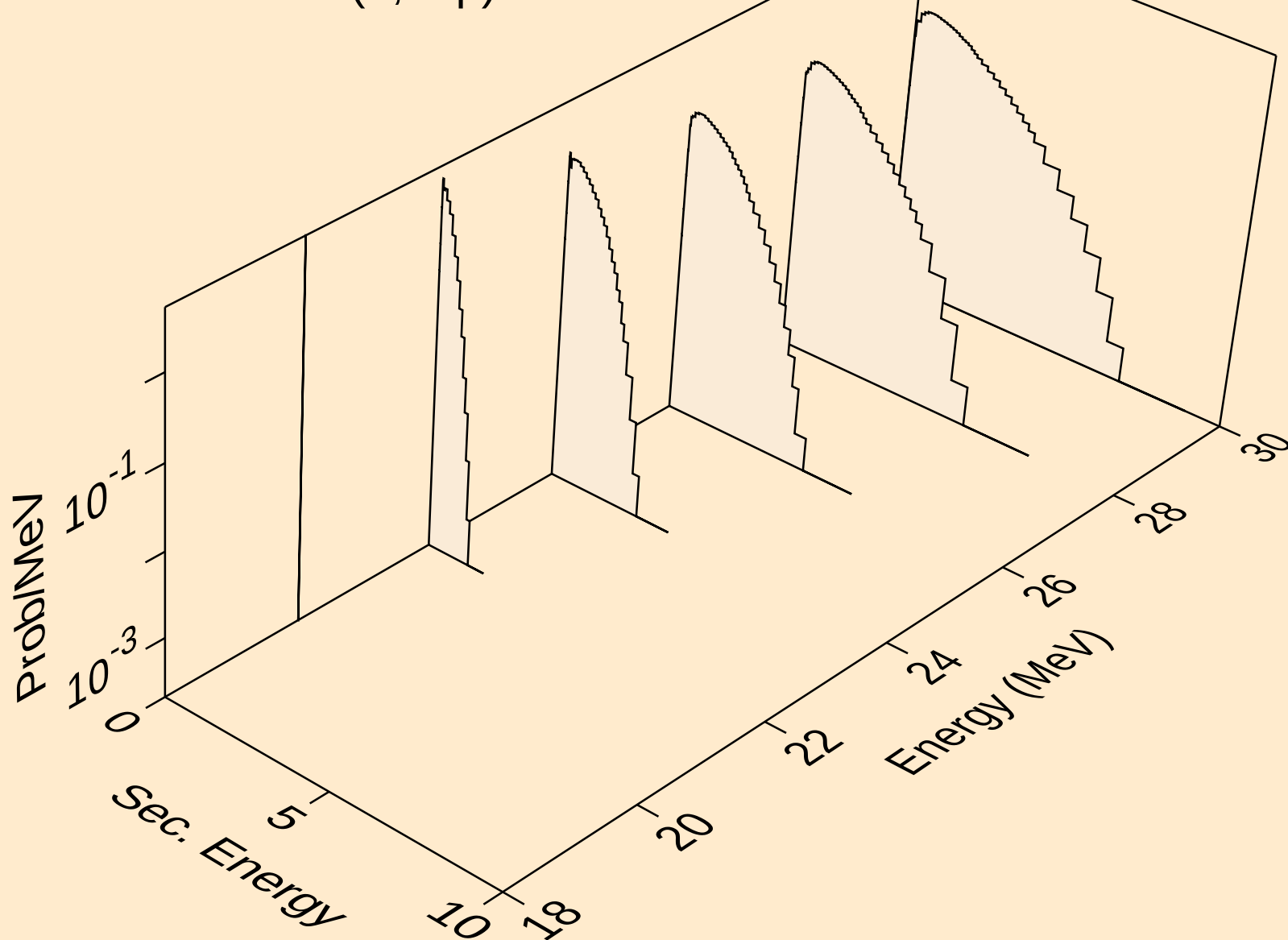
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neutrons from (a,n*)he3



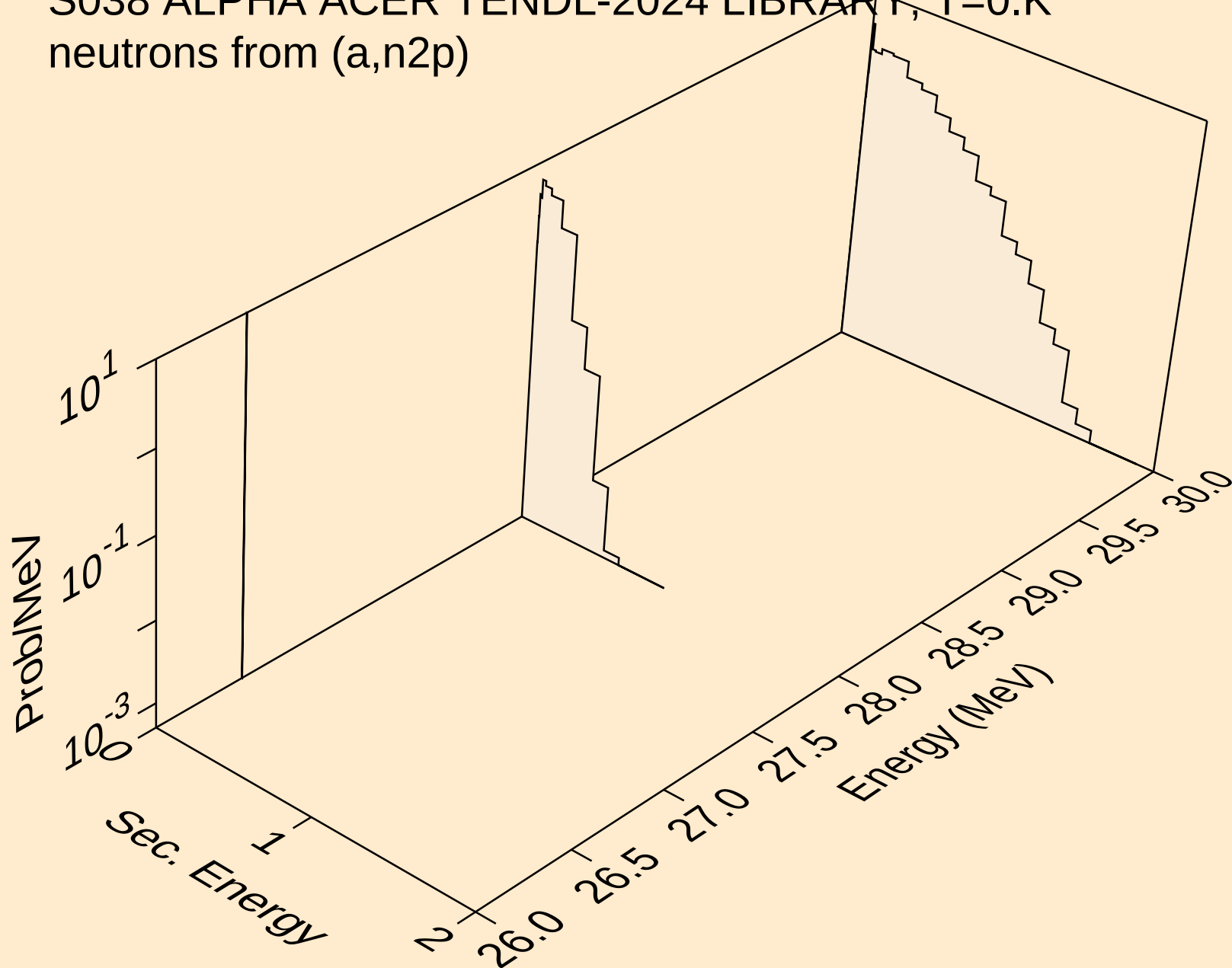
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neutrons from (a,4n)



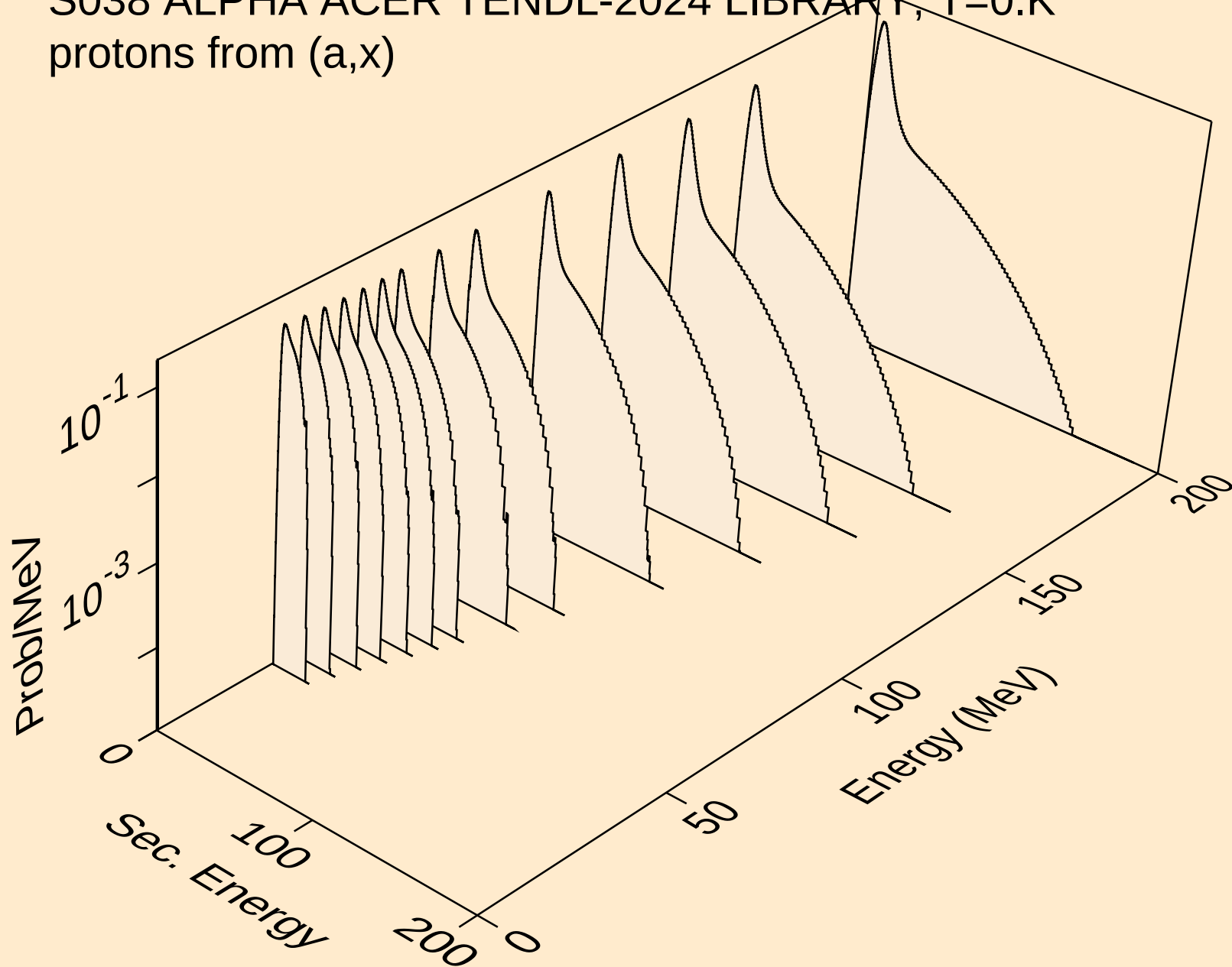
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neutrons from (a,2np)



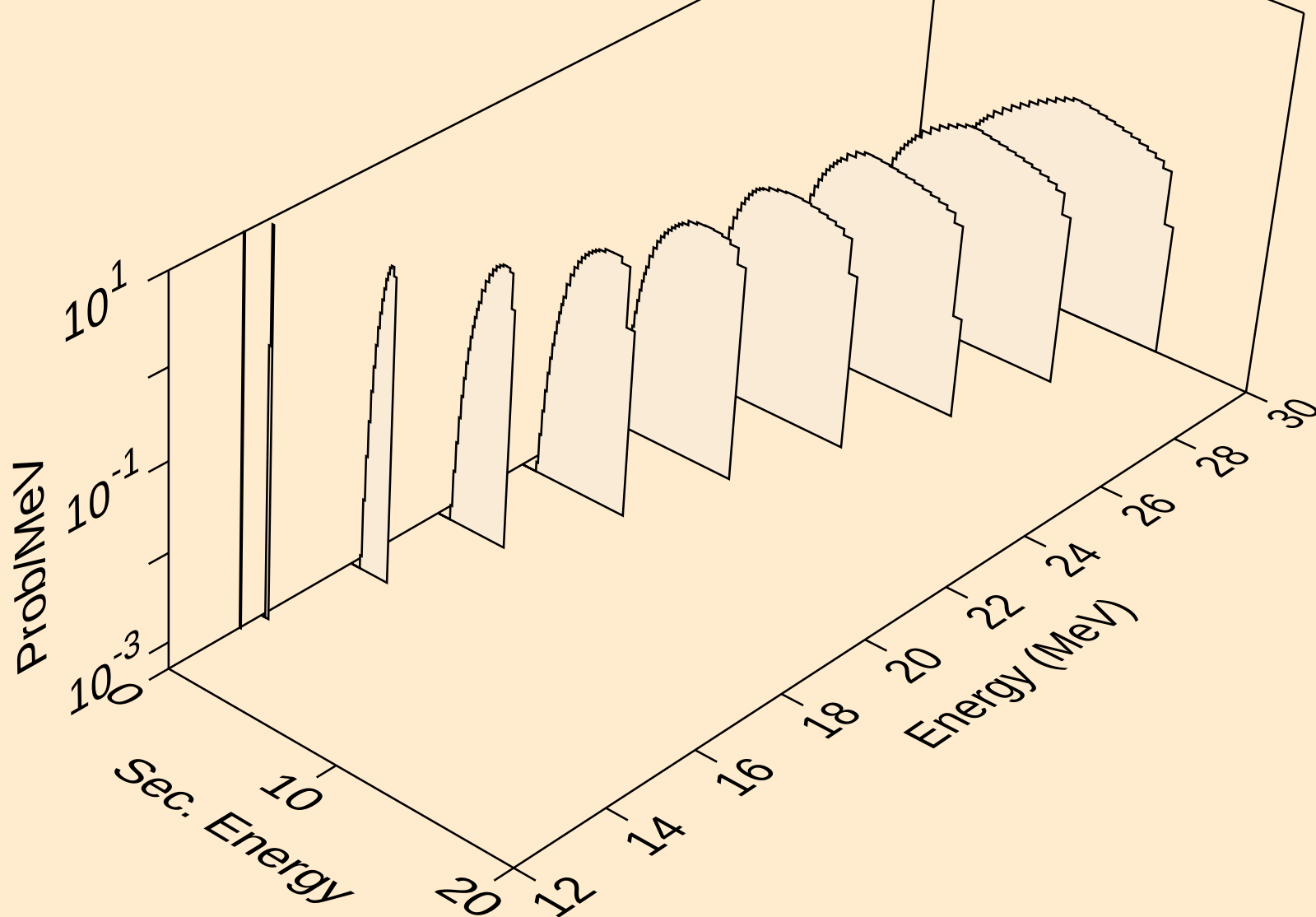
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neutrons from (a,n2p)



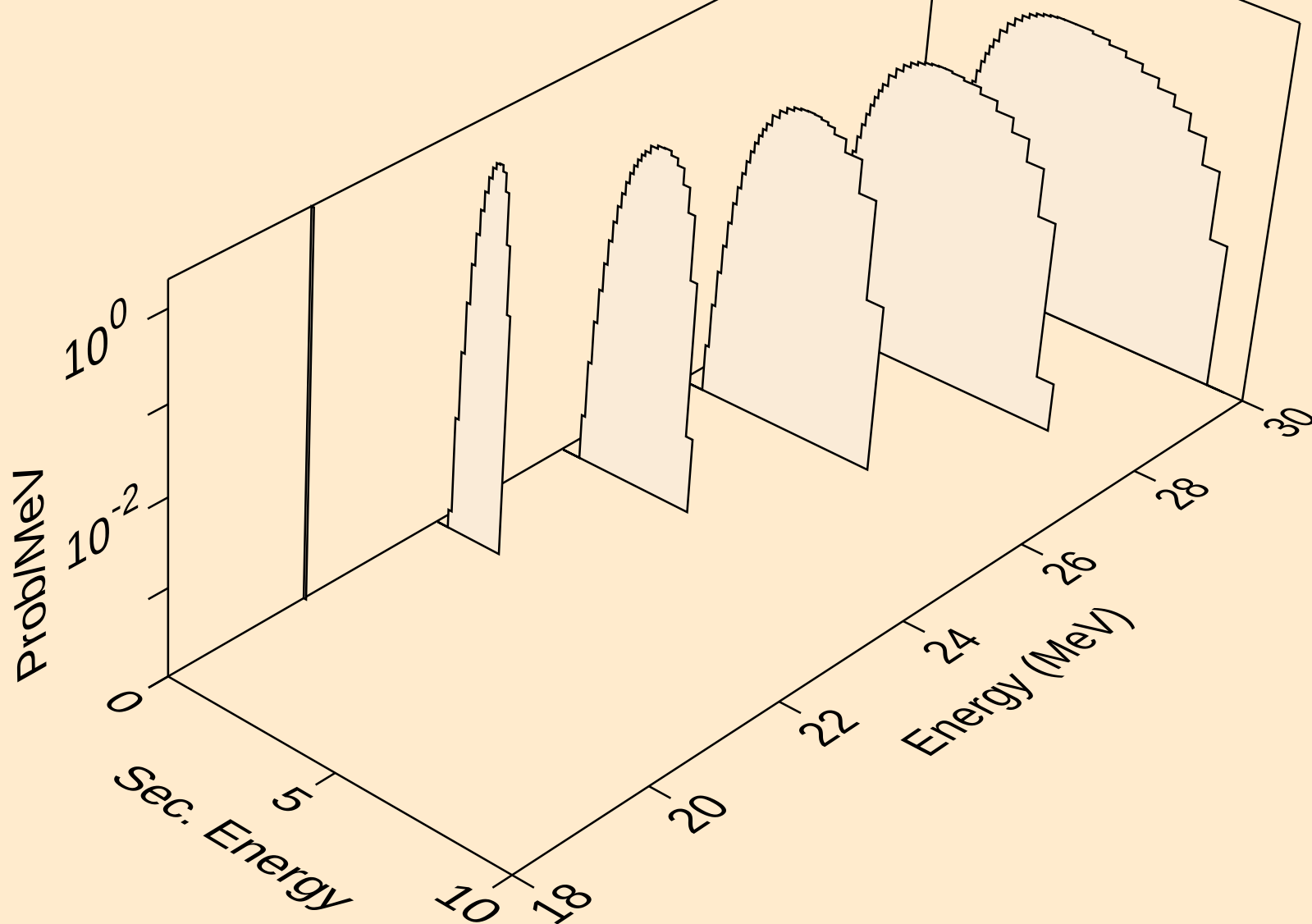
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protons from (a,x)



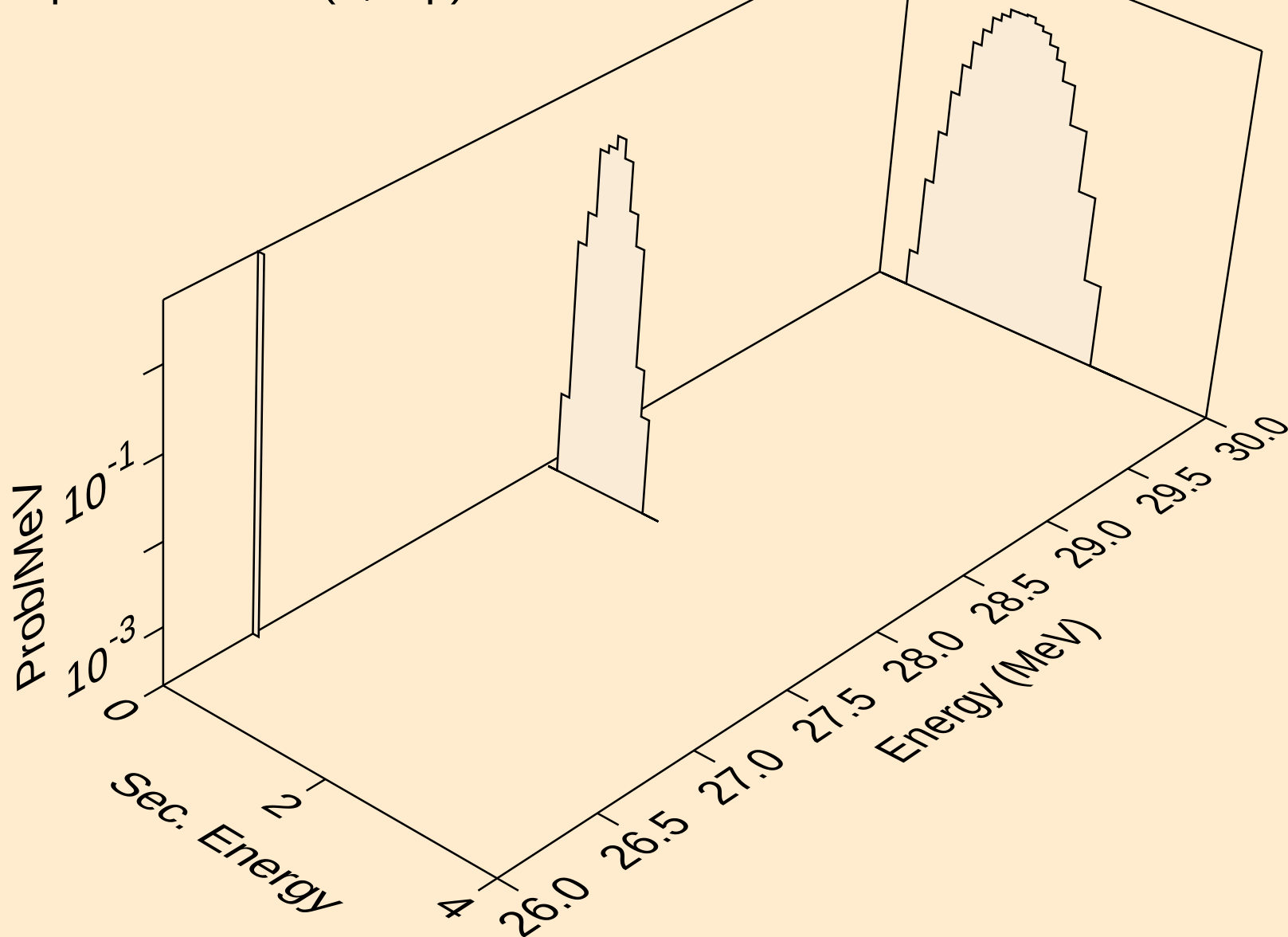
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protons from (a,n*)p



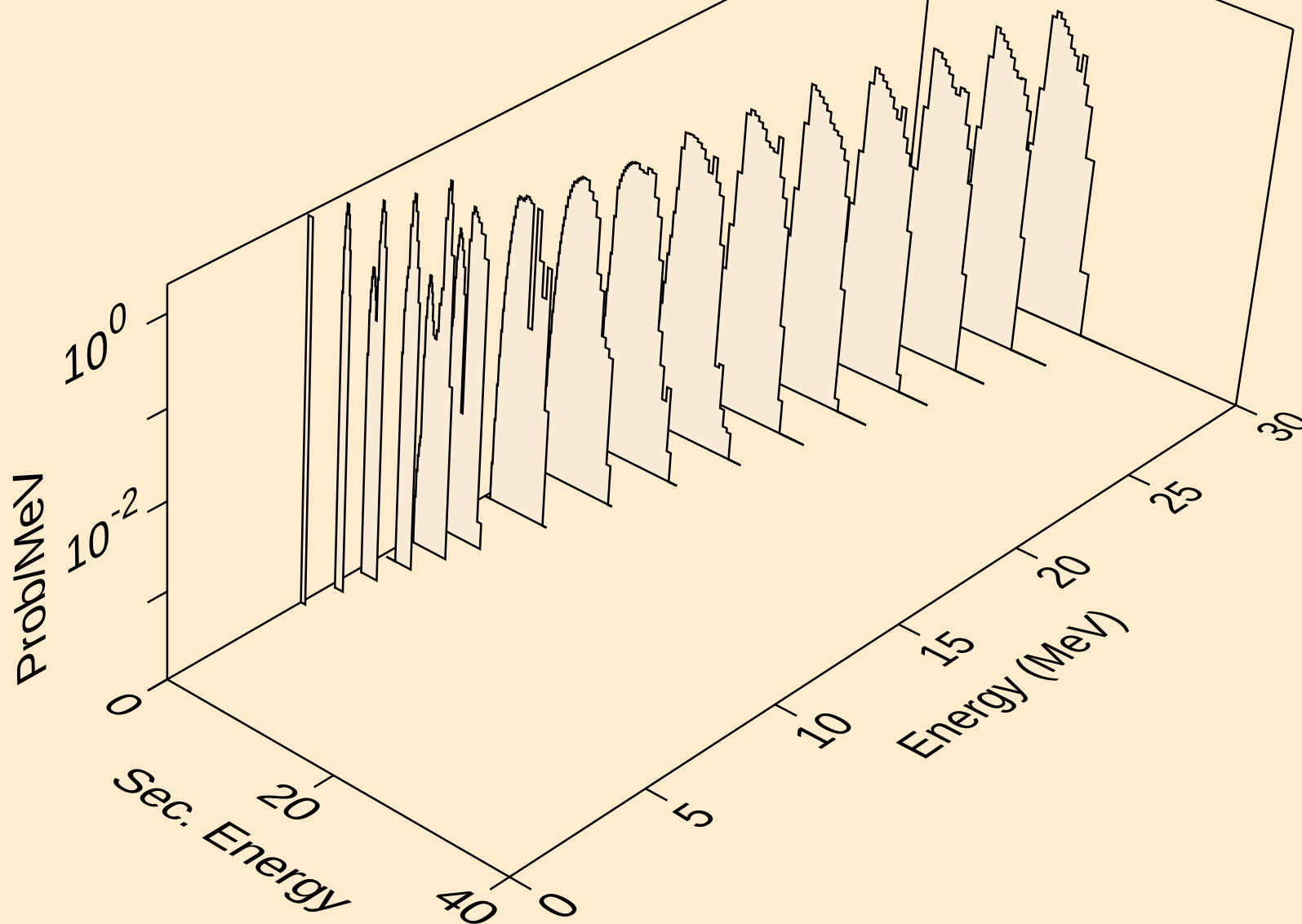
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protons from (a,2np)



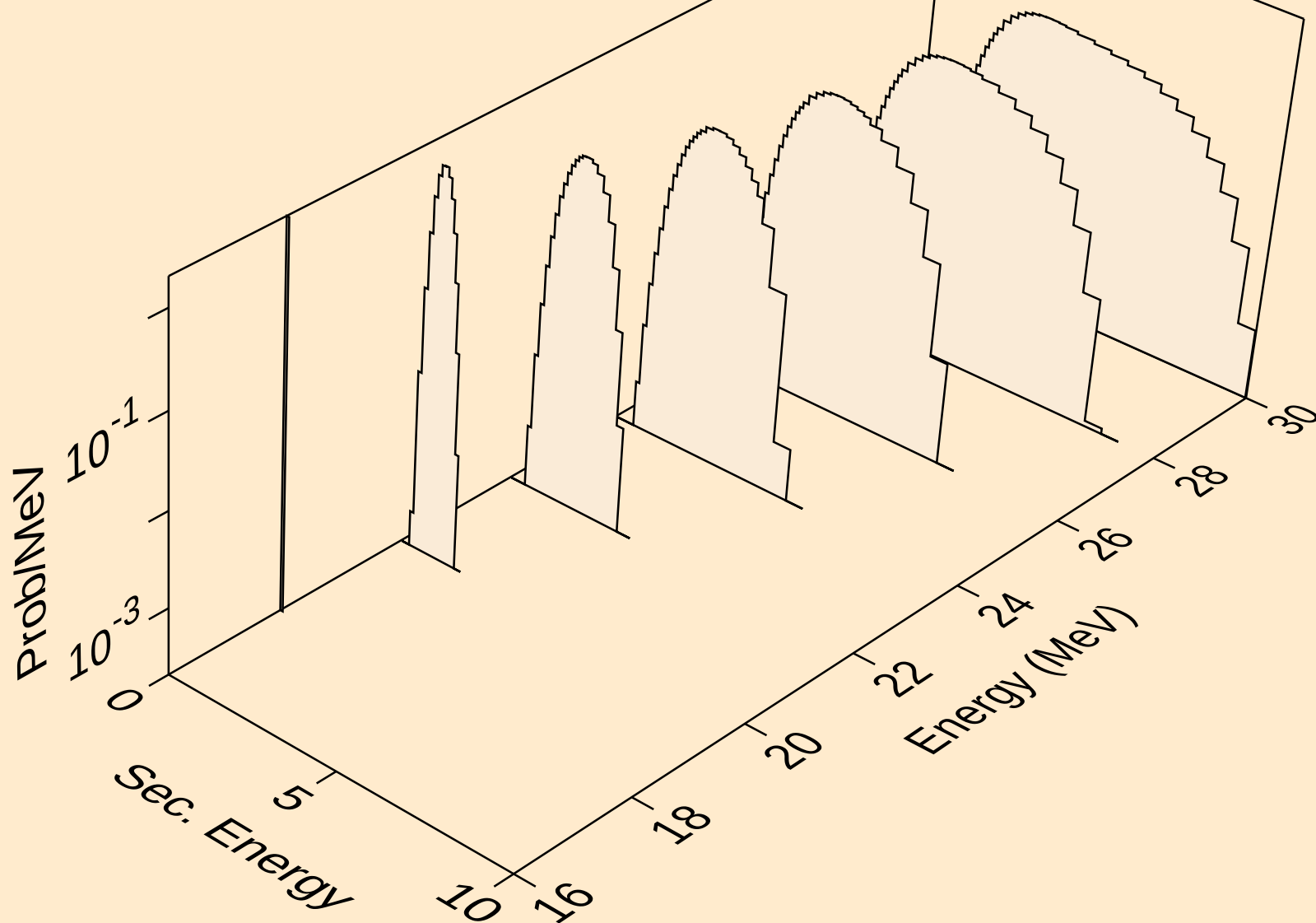
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protons from (a,n2p)



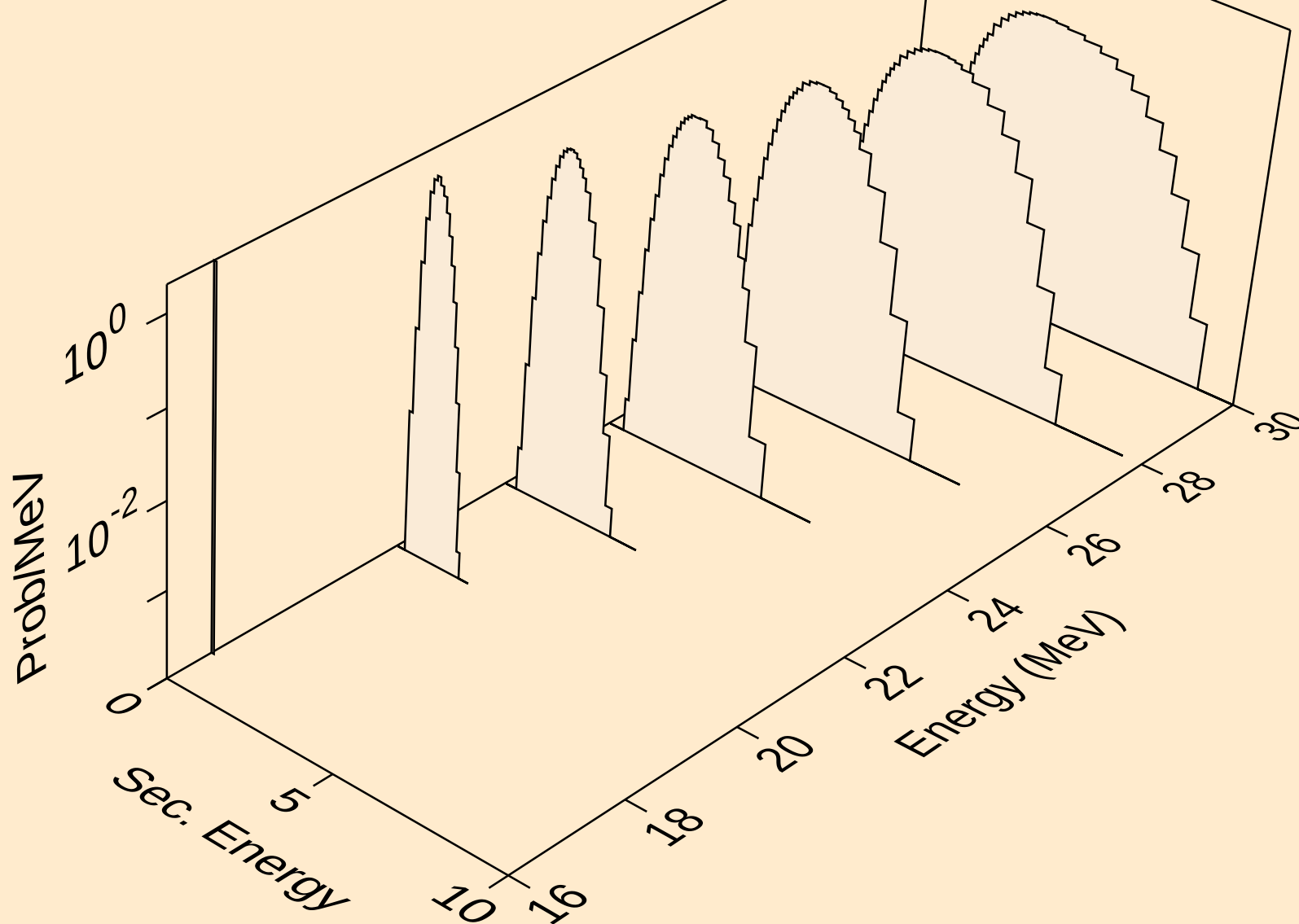
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protons from (a,p)



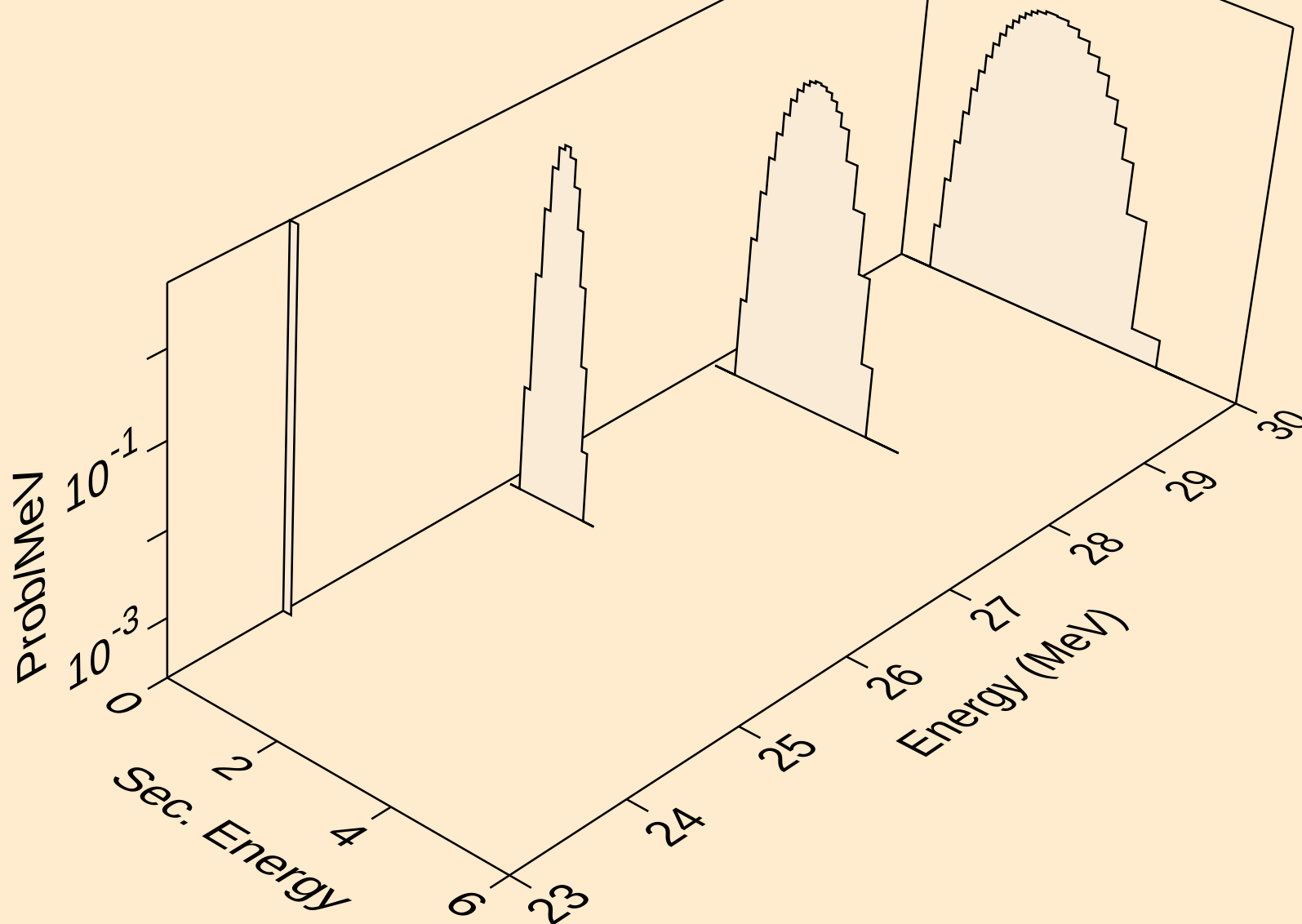
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protons from (a,2p)



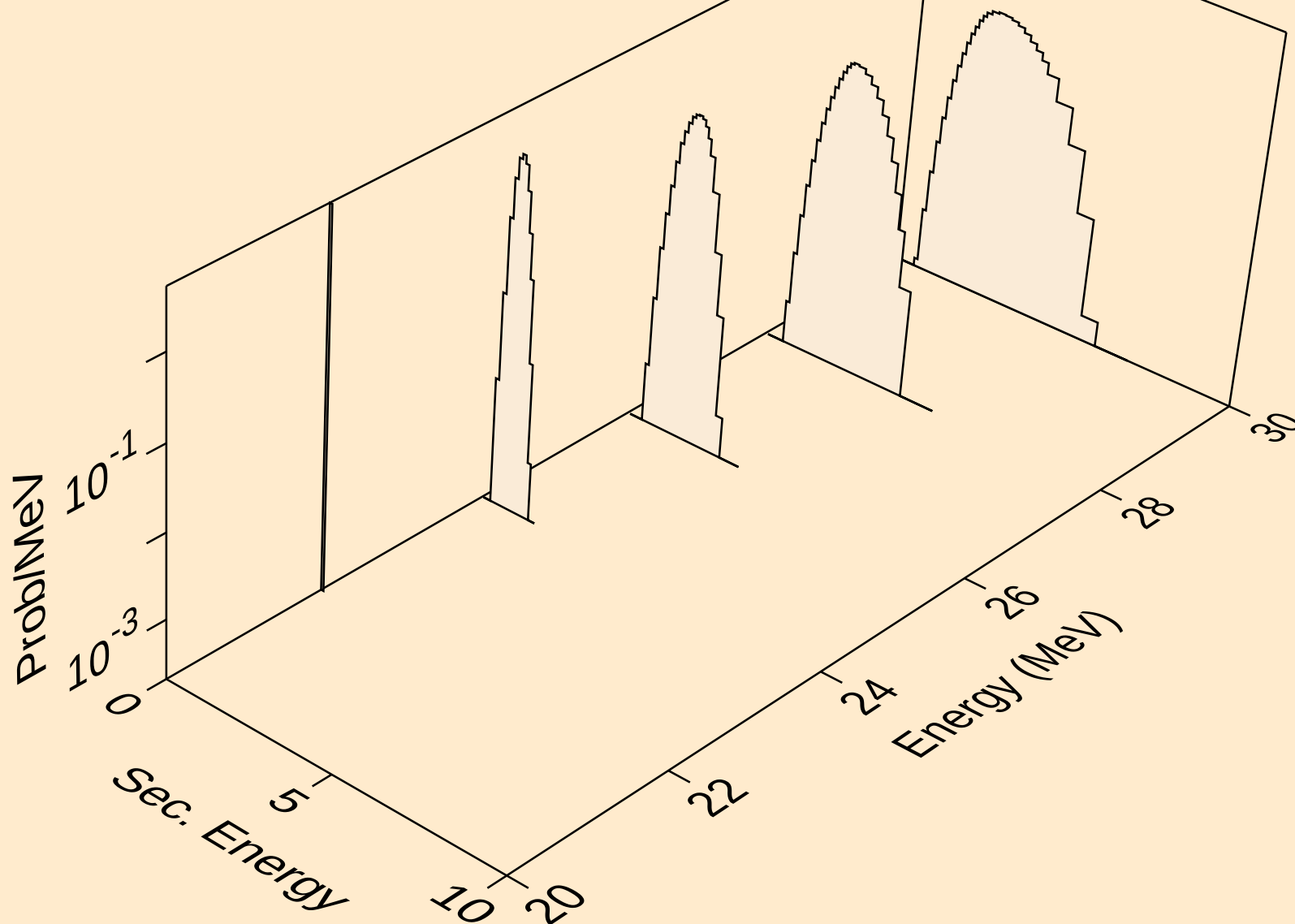
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protons from (a,pa)



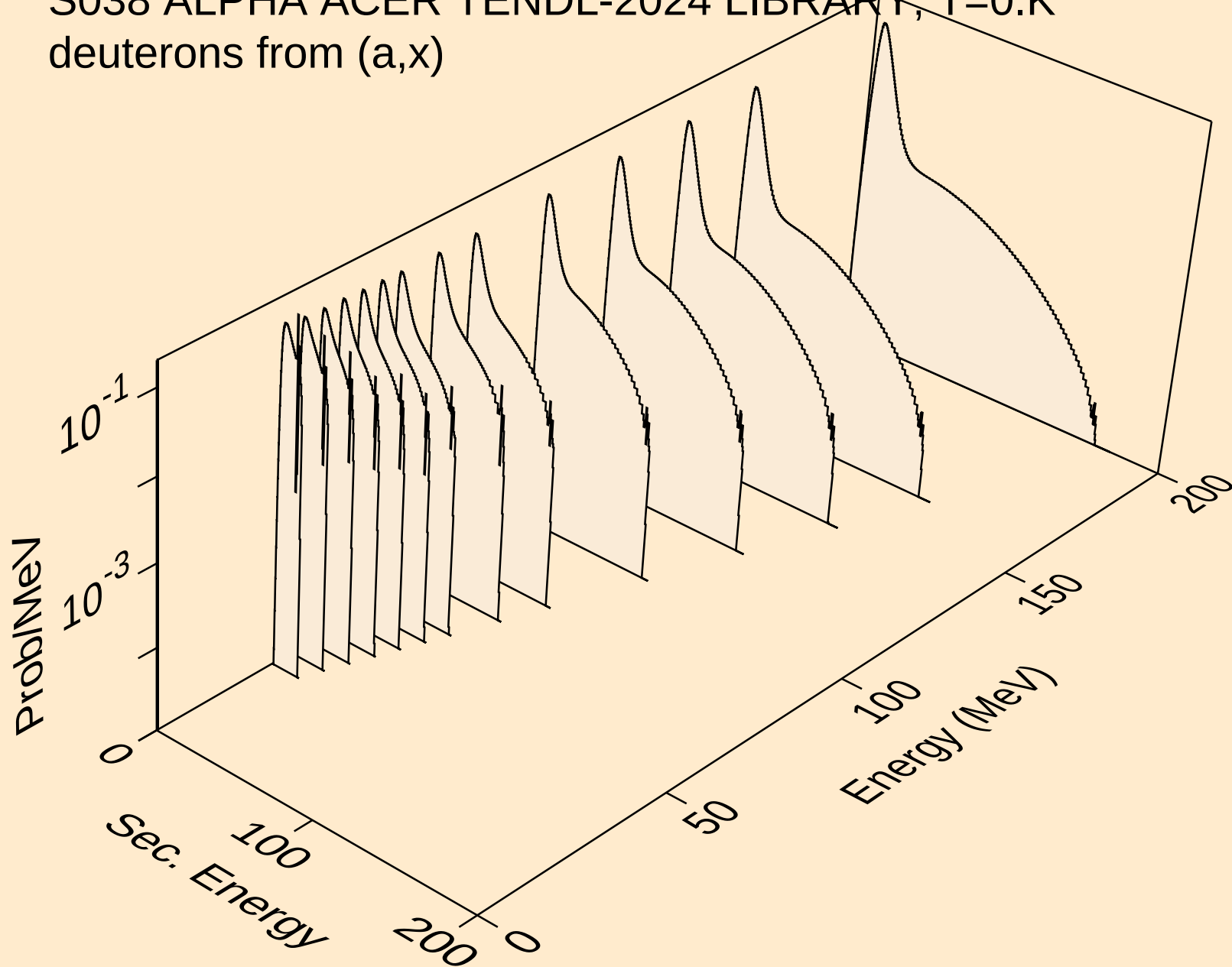
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protons from (a,pd)



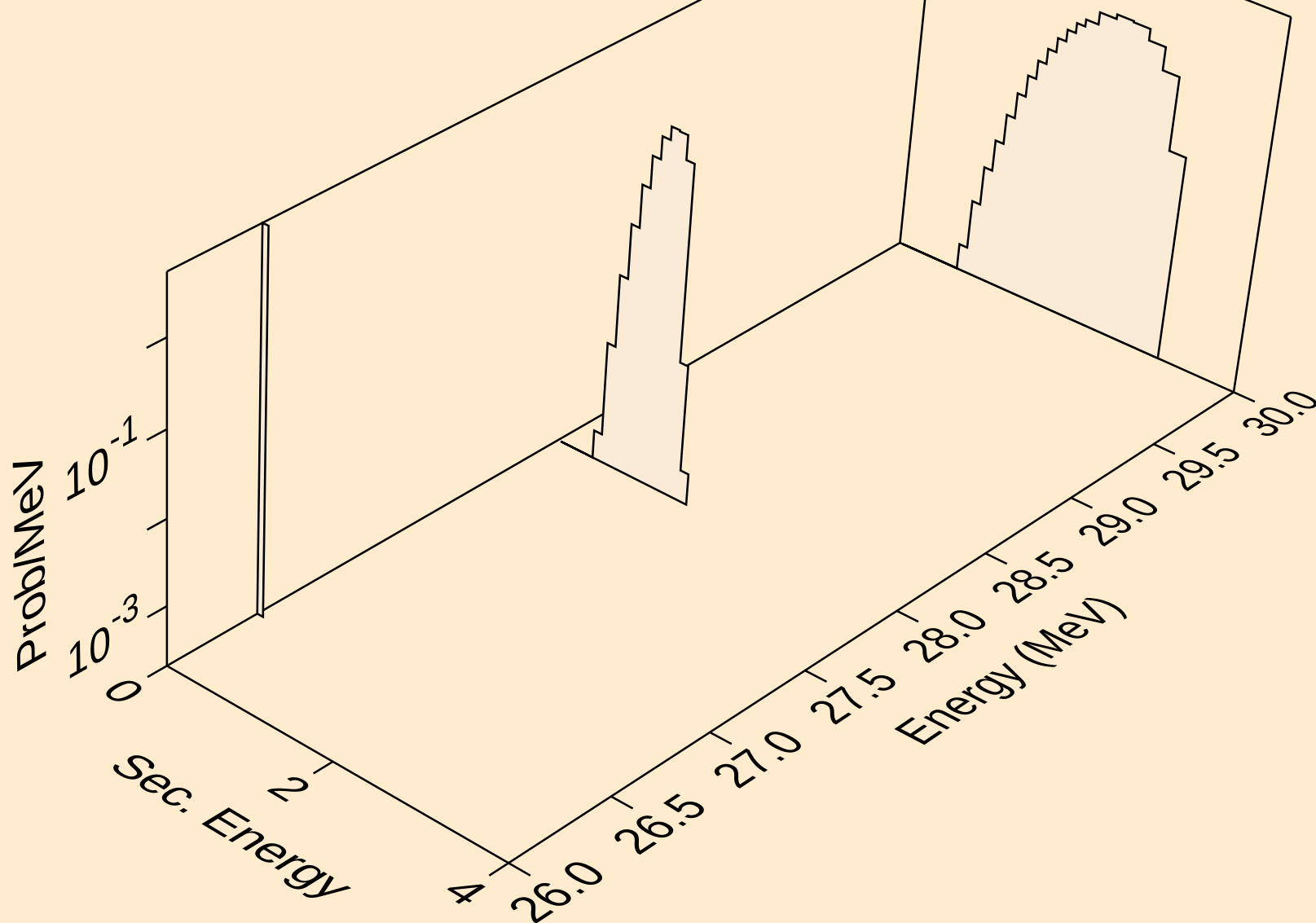
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protons from (a,pt)



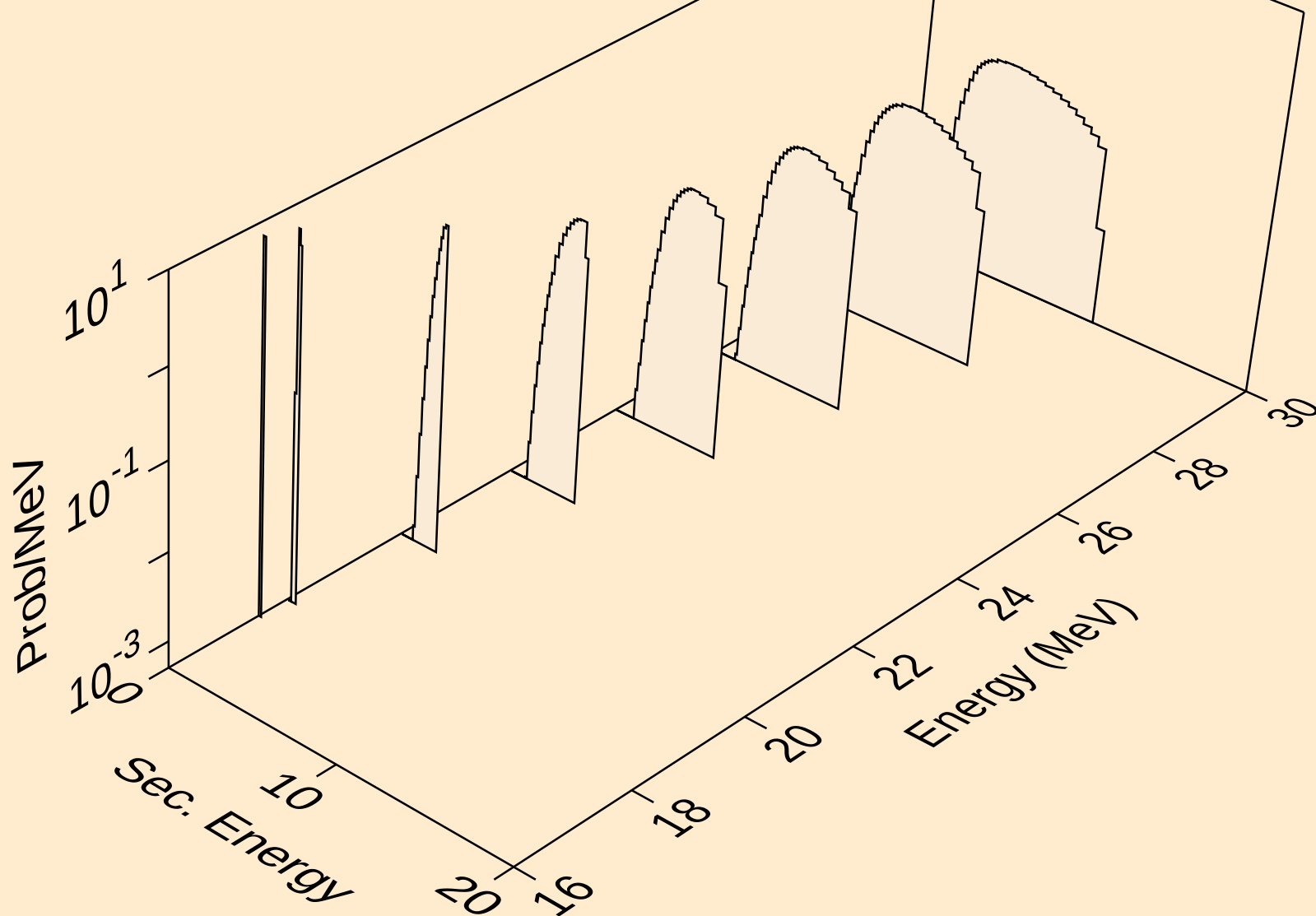
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deuterons from (a,x)



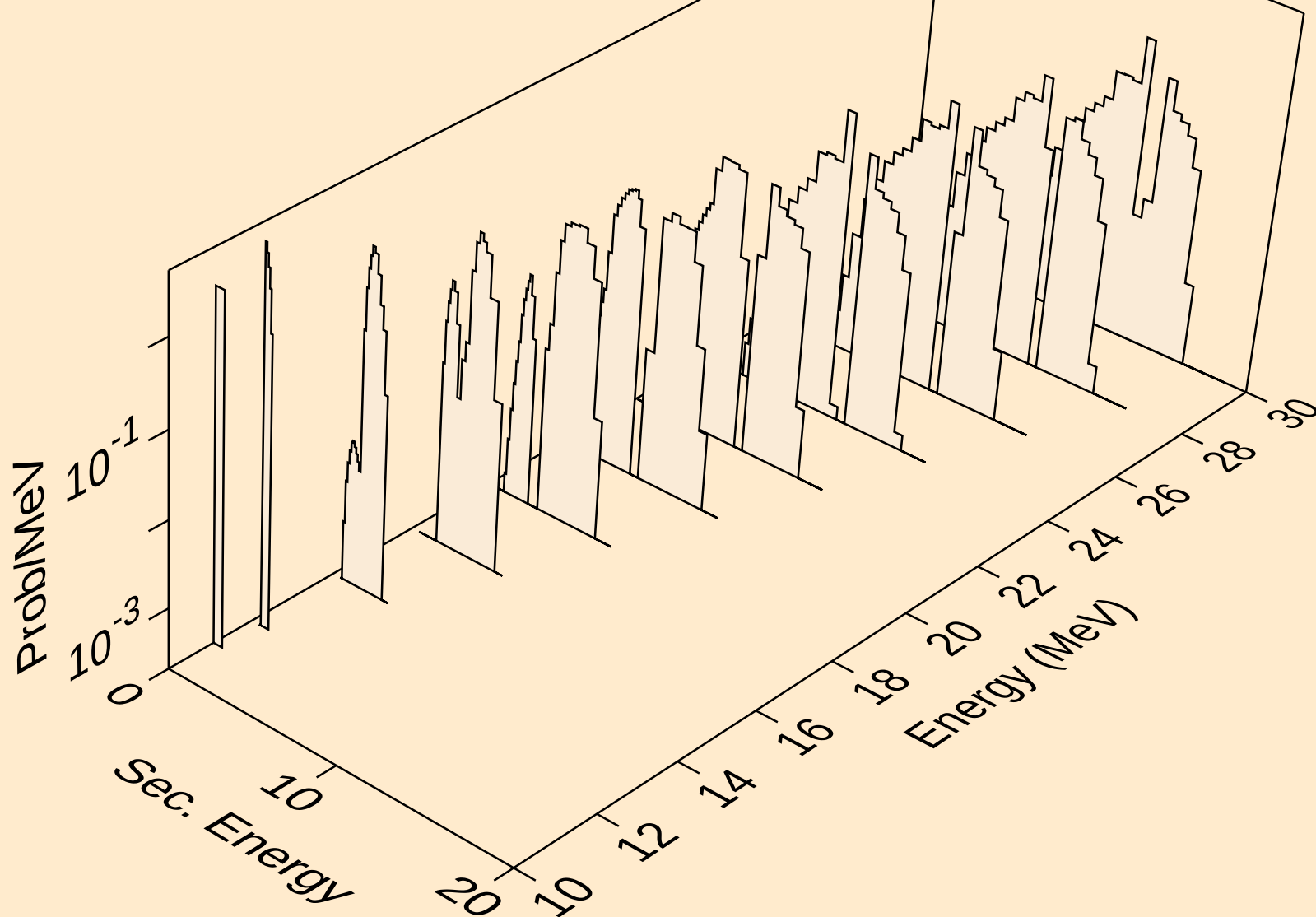
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deuterons from (a,2nd)



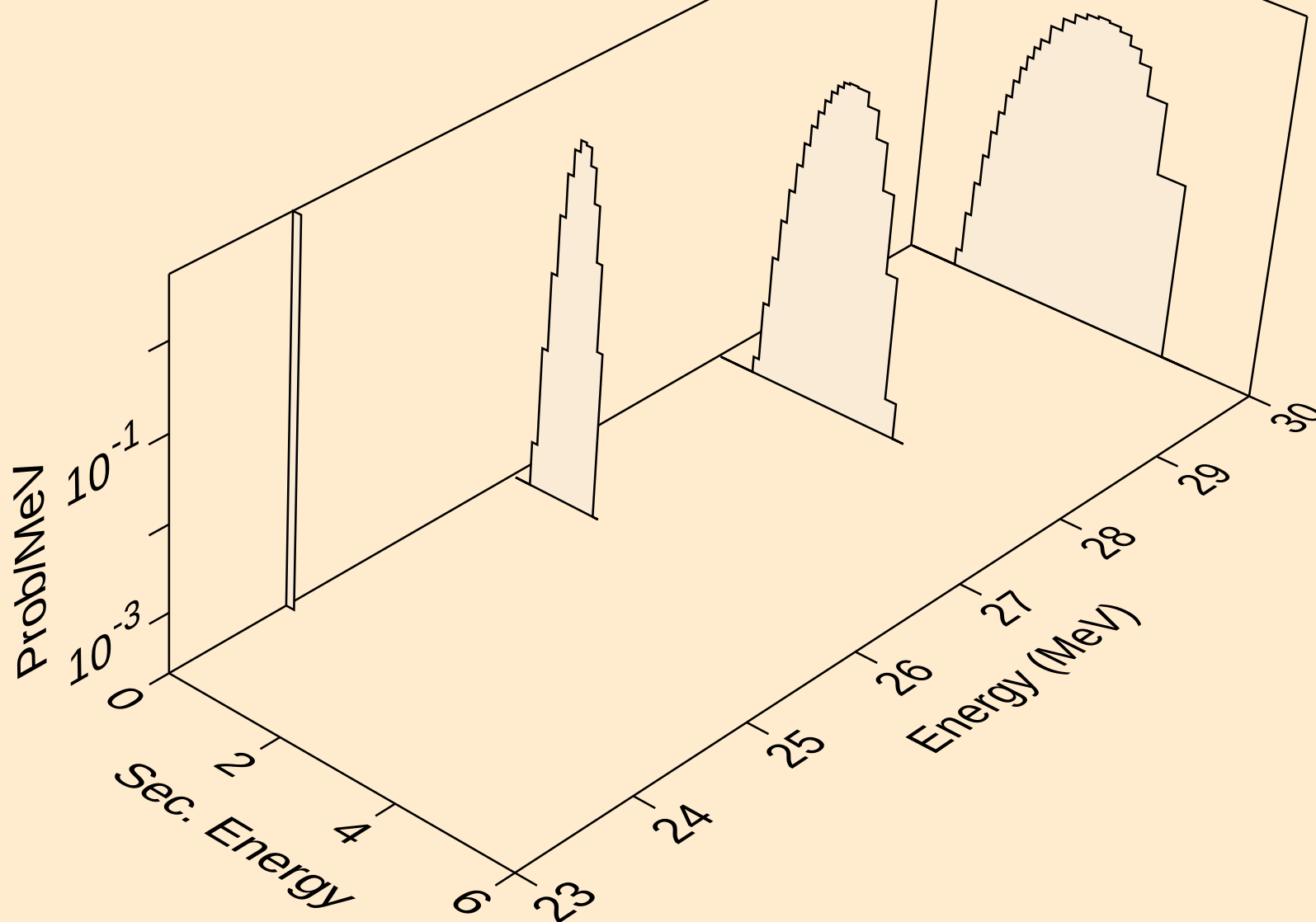
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deuterons from (a,n*)d



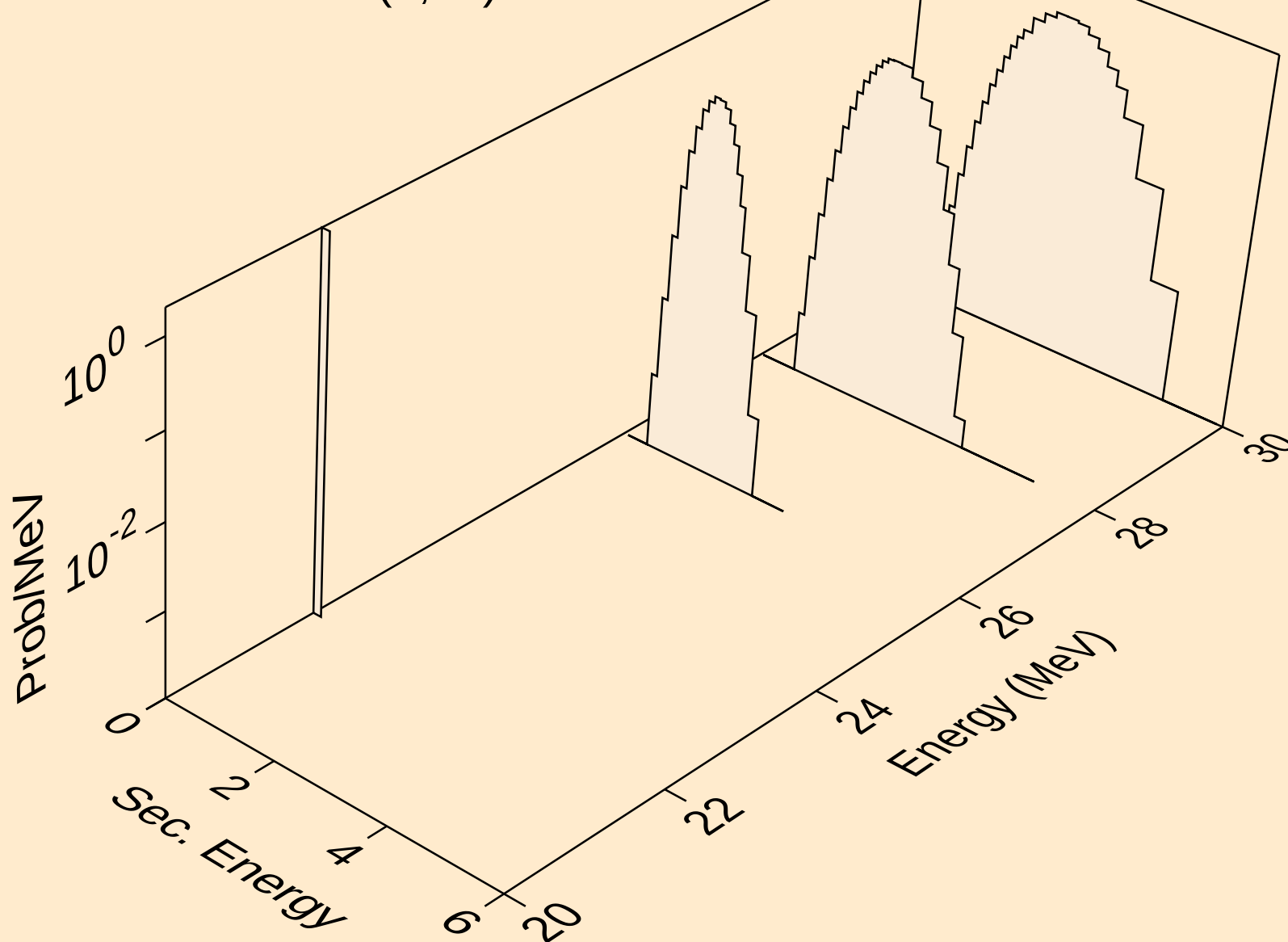
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deuterons from (a,d)



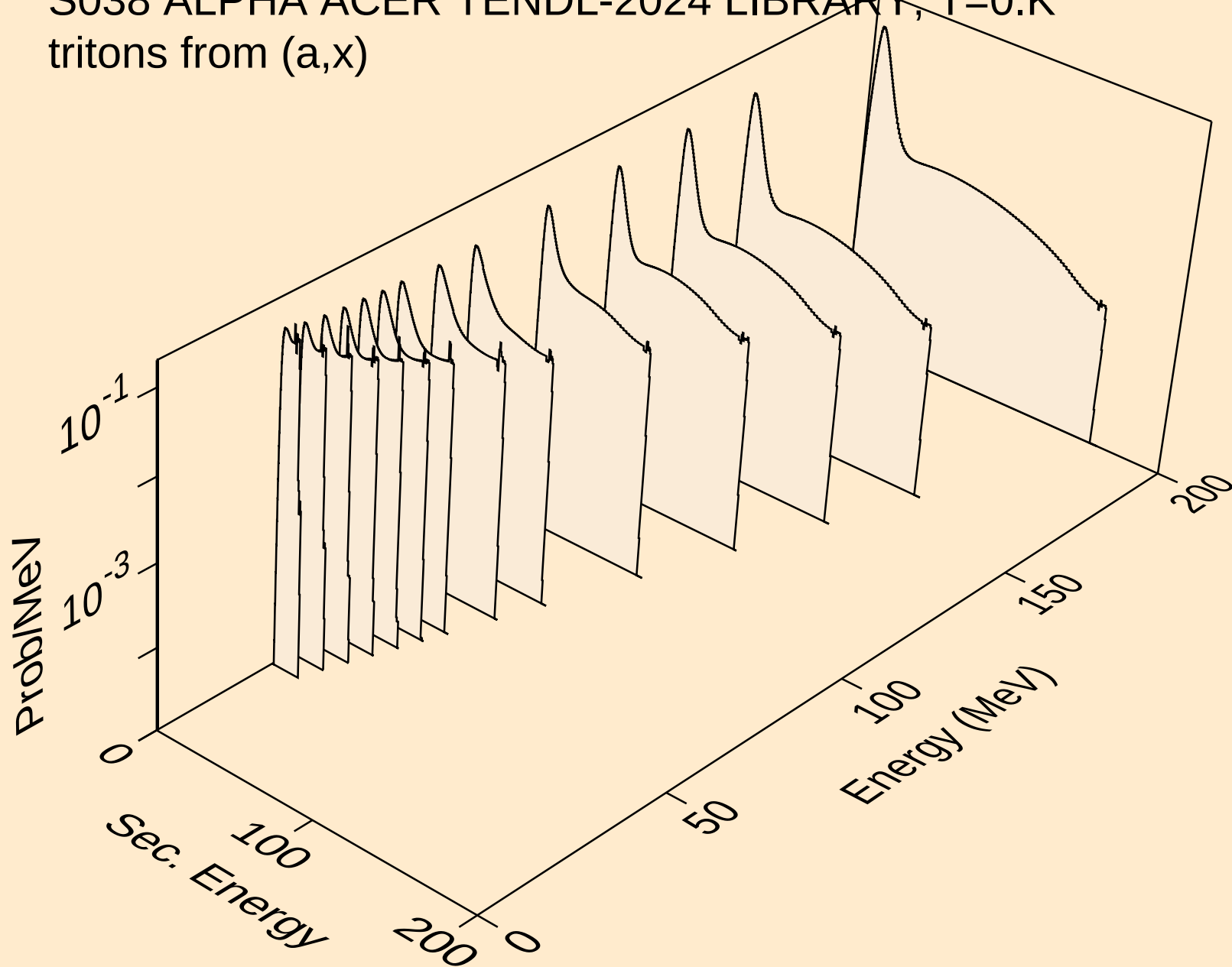
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deuterons from (a,pd)



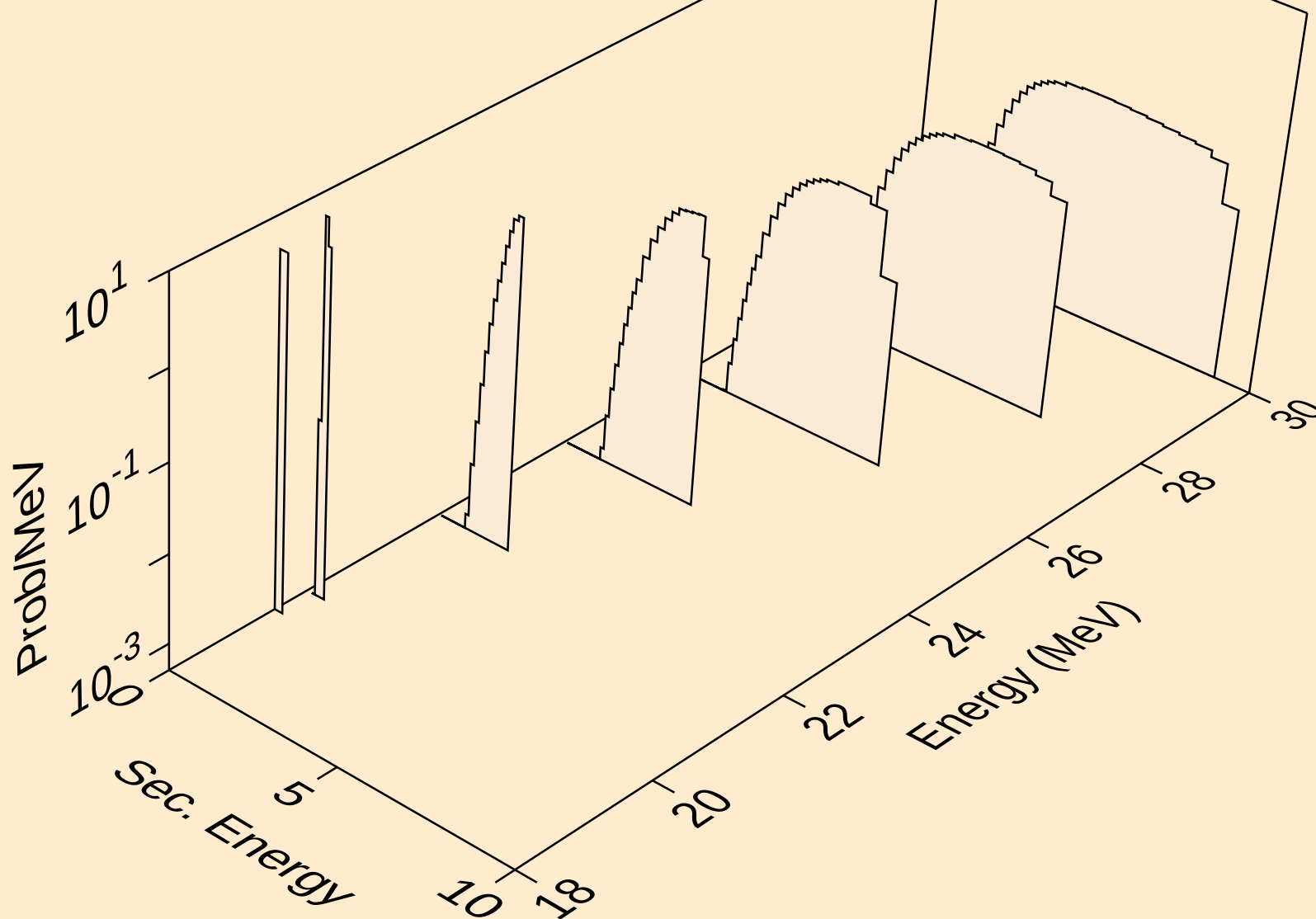
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deuterons from (a,da)



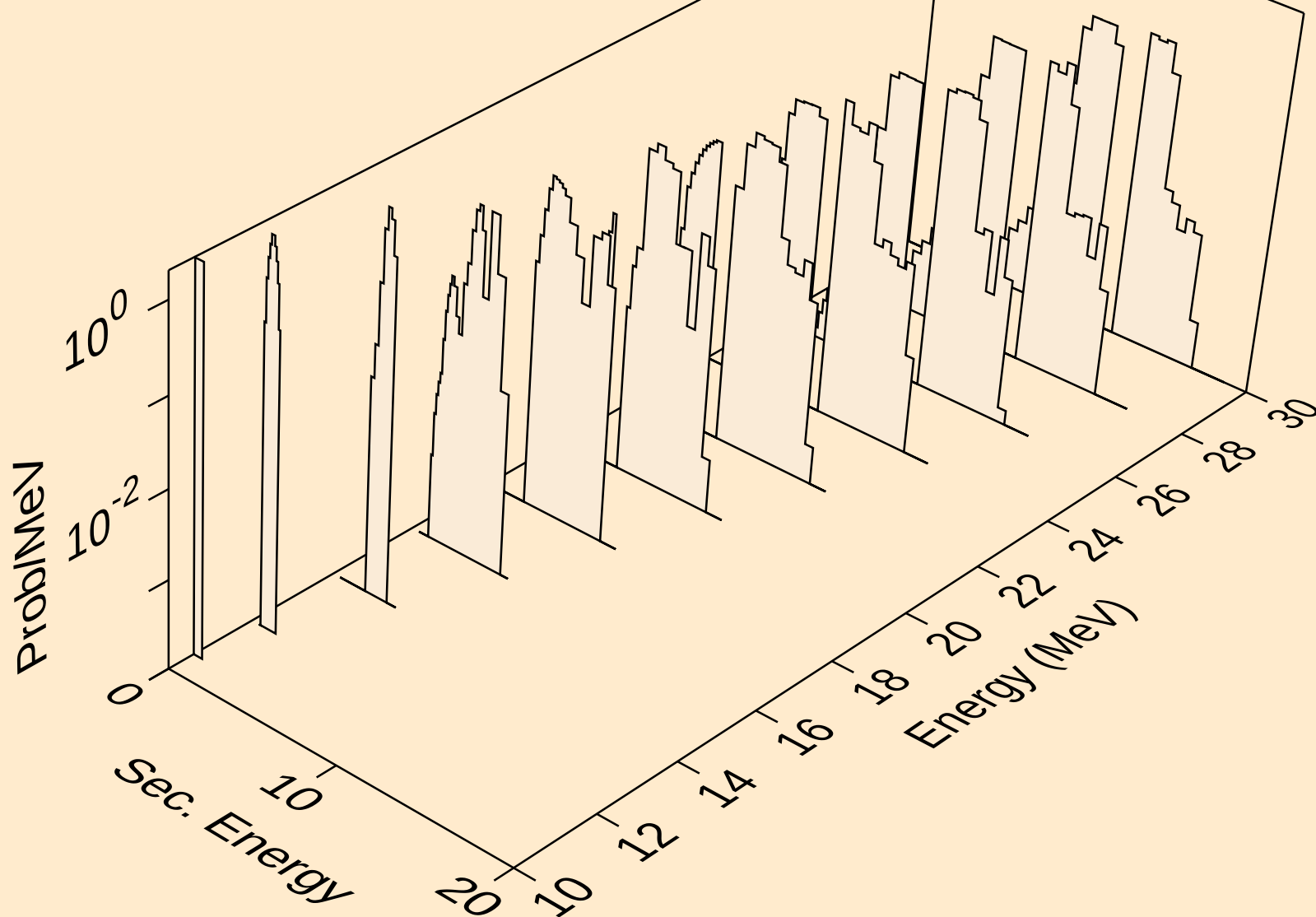
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tritons from (a,x)



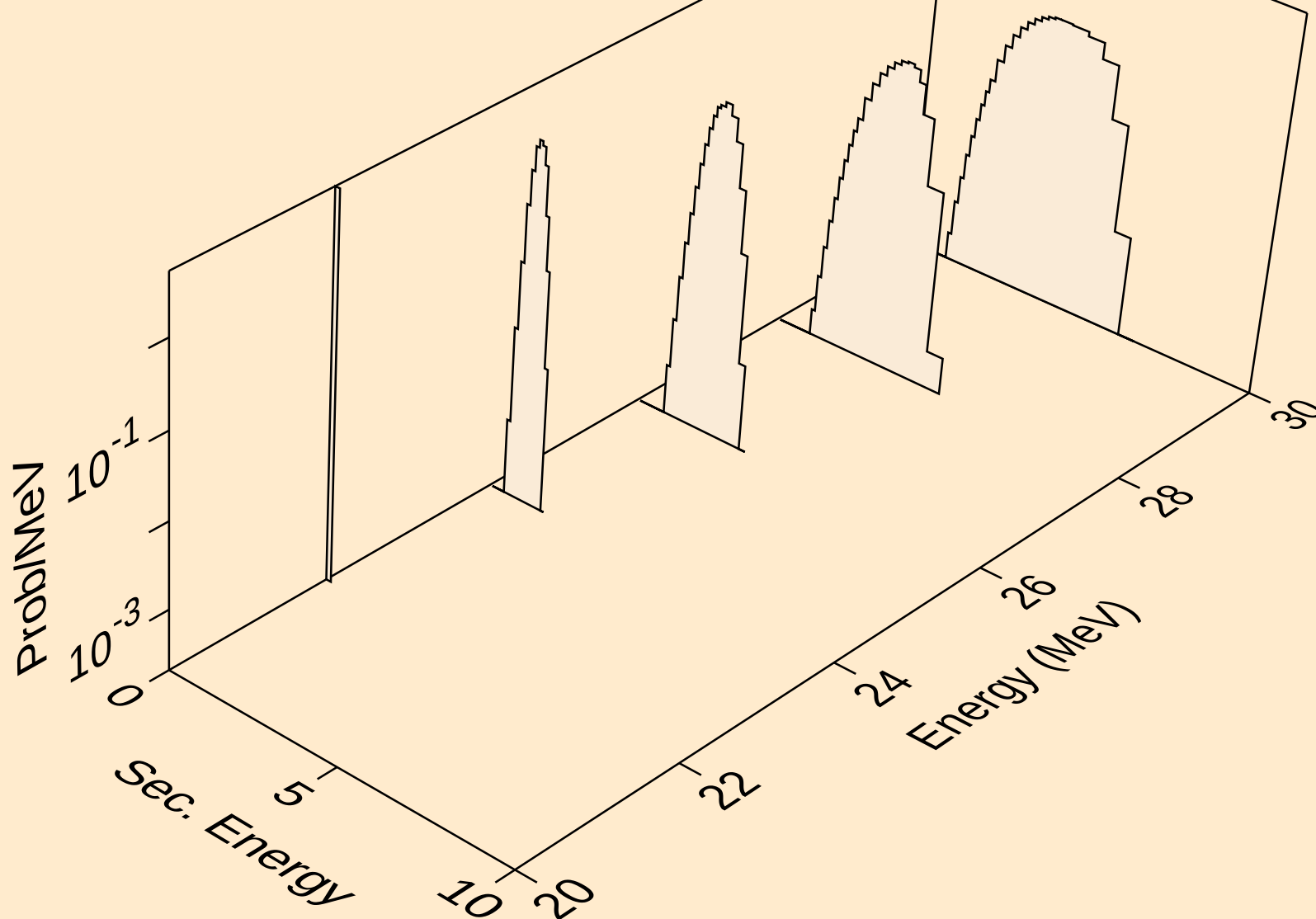
S038 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
tritons from (a,n*)t



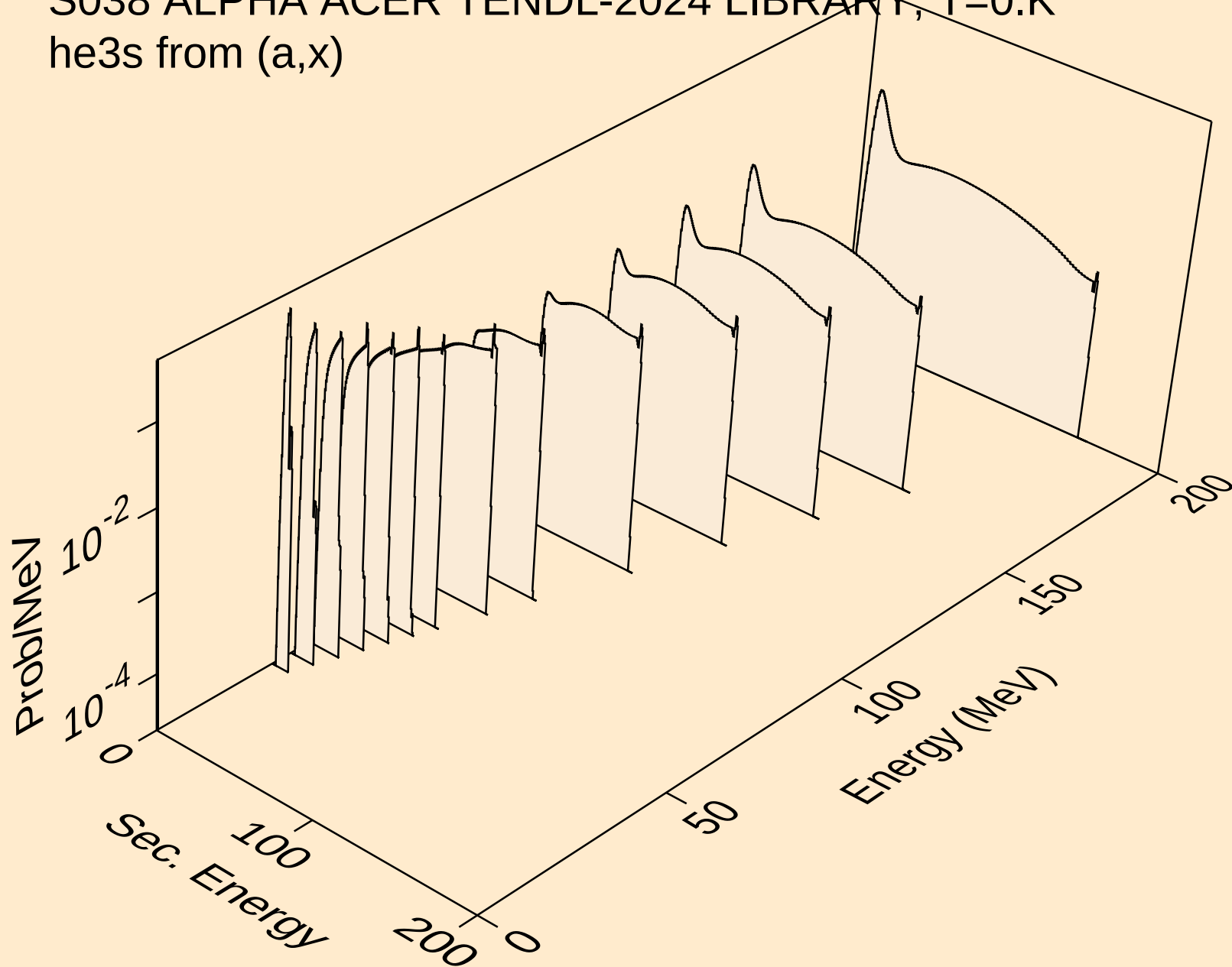
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tritons from (a,t)



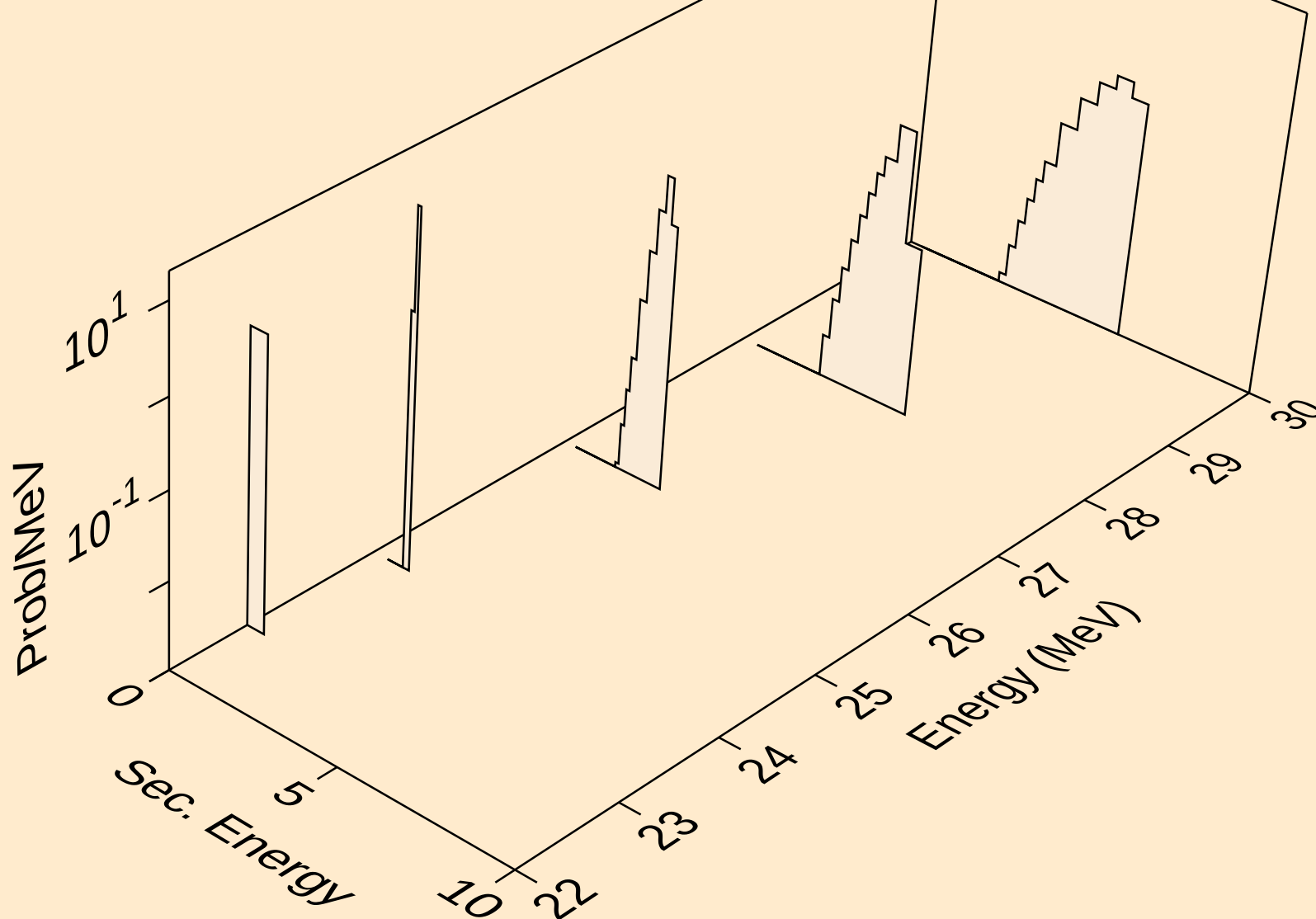
S038 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
tritons from (a,pt)



S038 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
he3s from (a,x)



S038 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
he3s from (a,n*)he3



S038 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
he3s from (a,he3)

