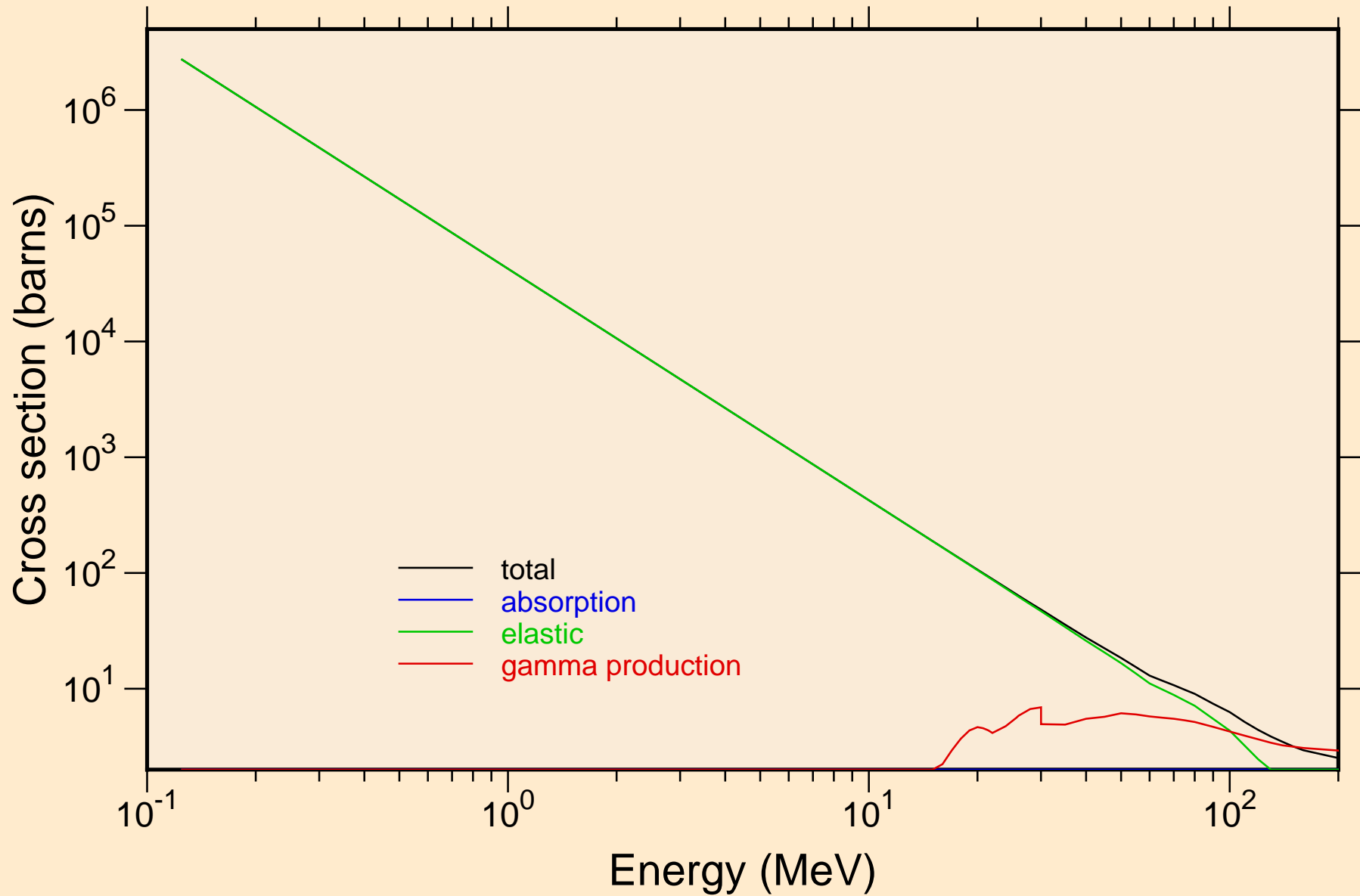
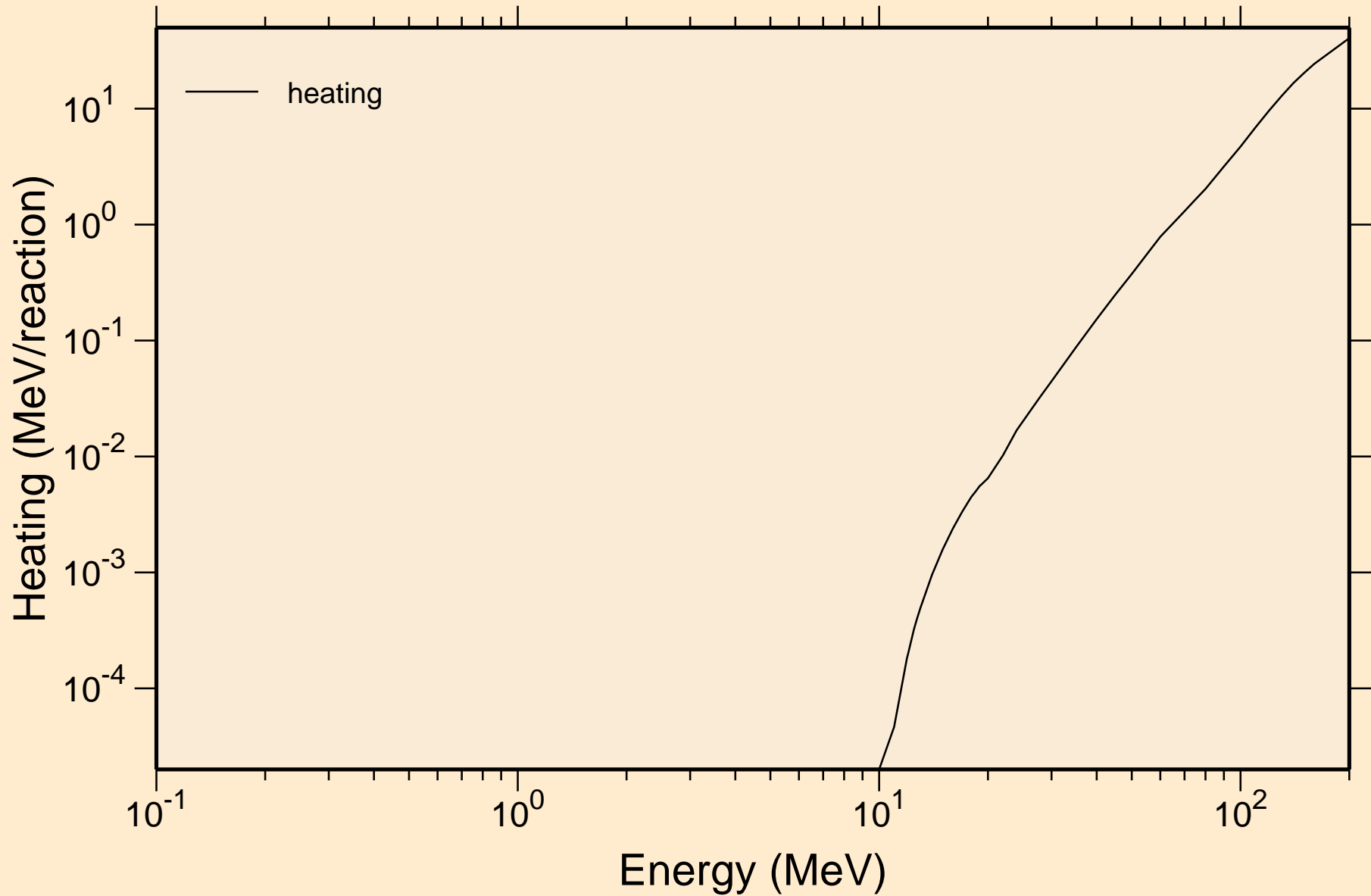


ZR098 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Principal cross sections



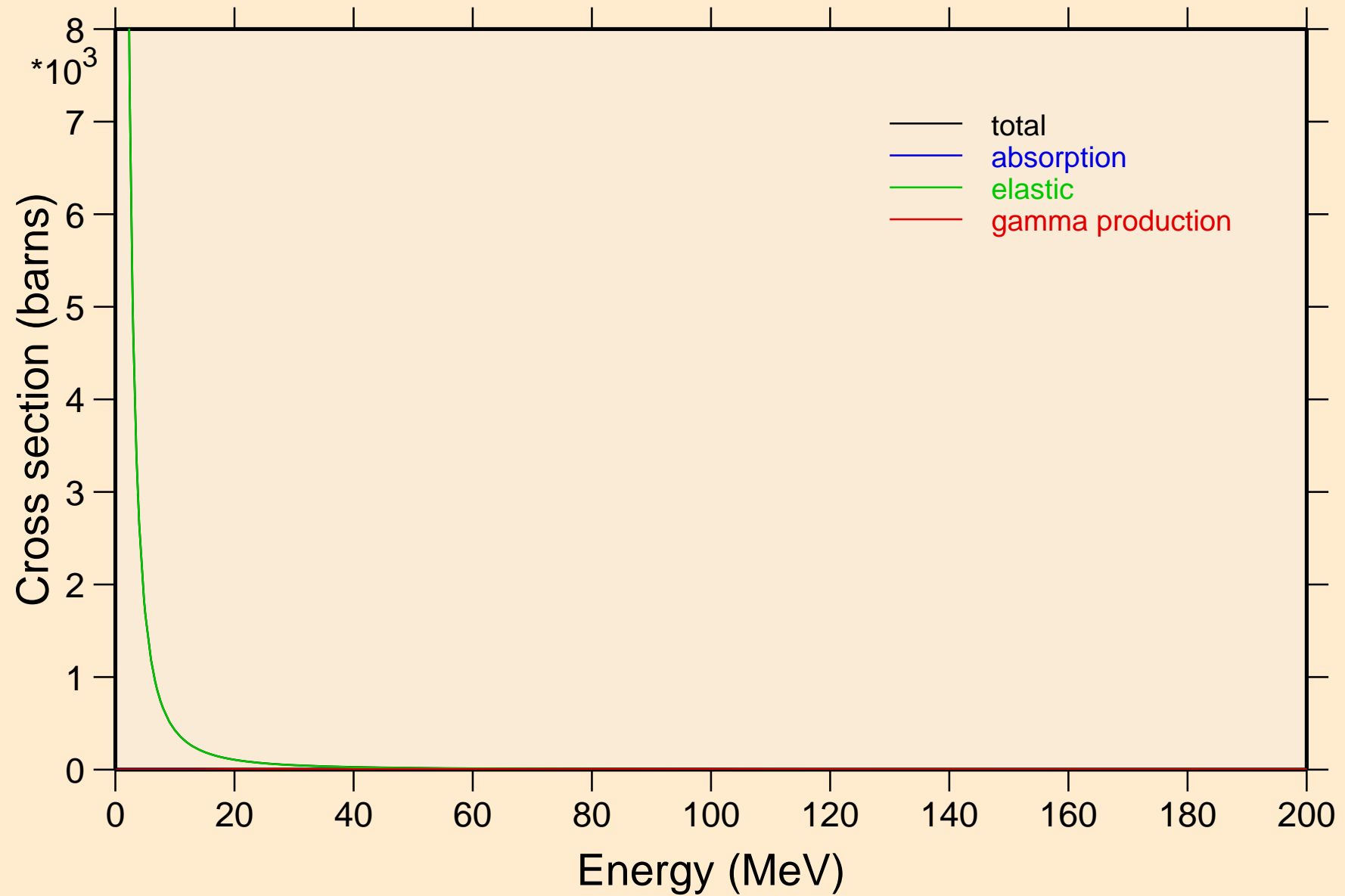
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Heating



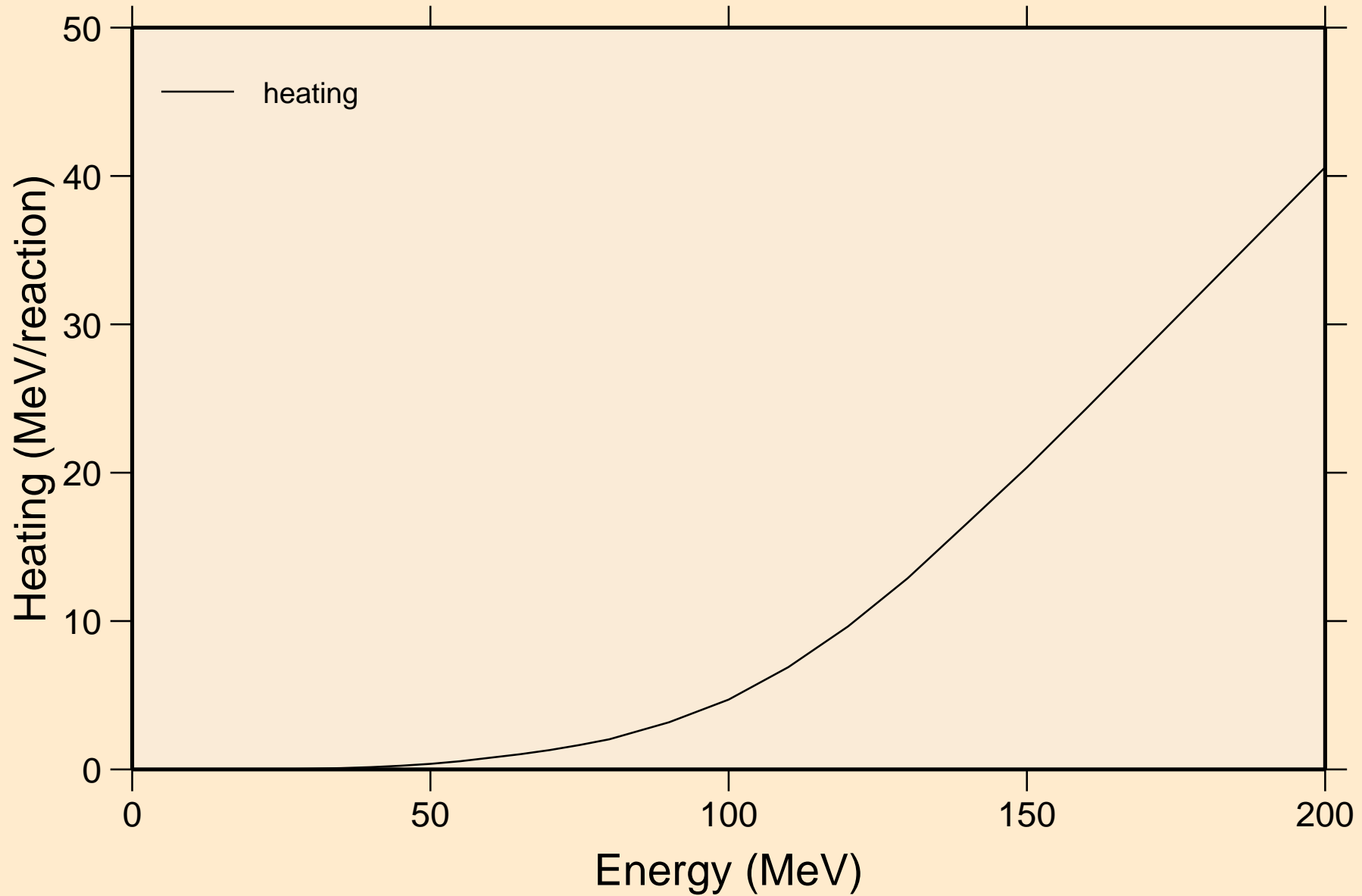
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Principal cross sections



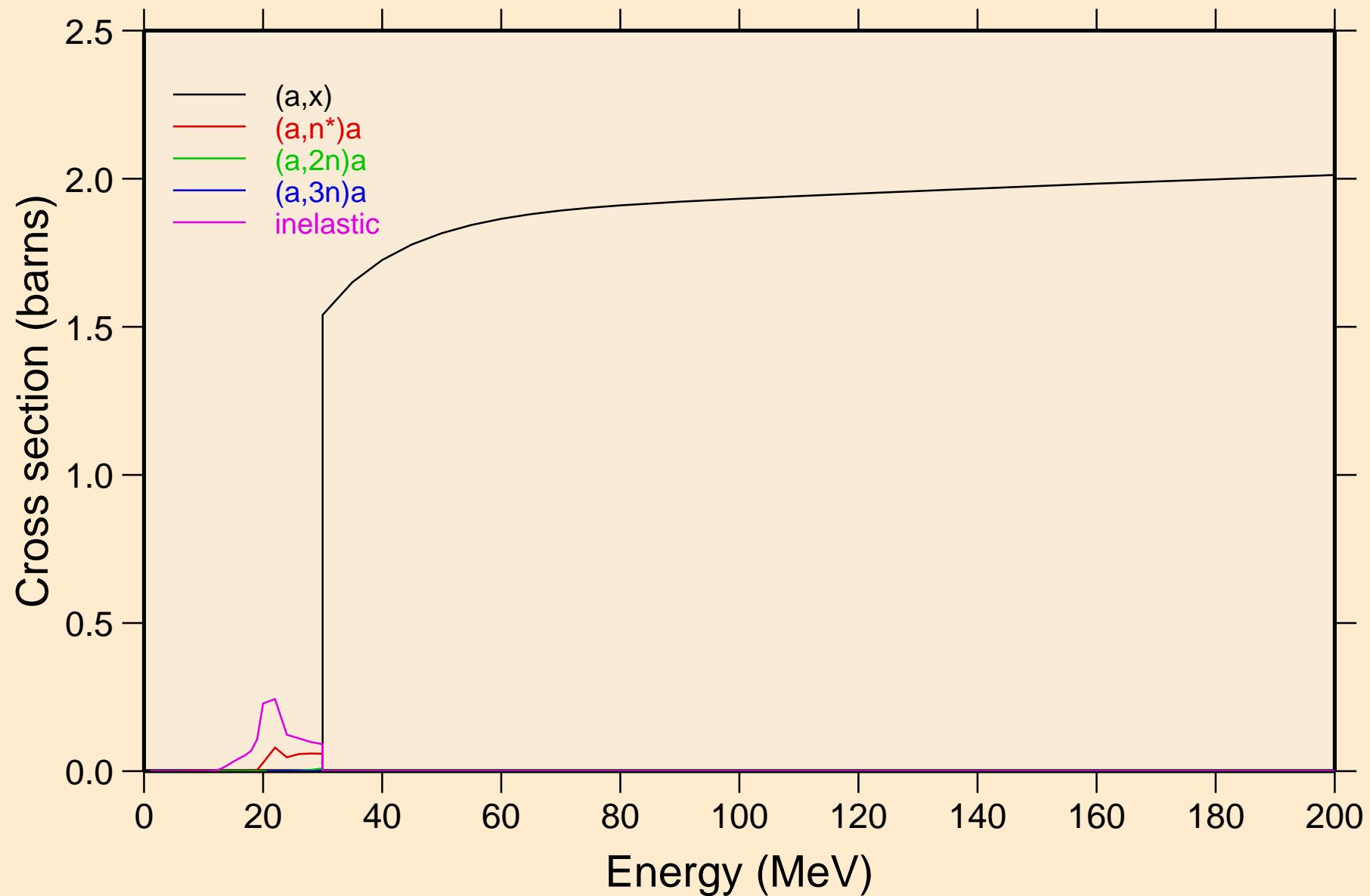
ZR098 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating

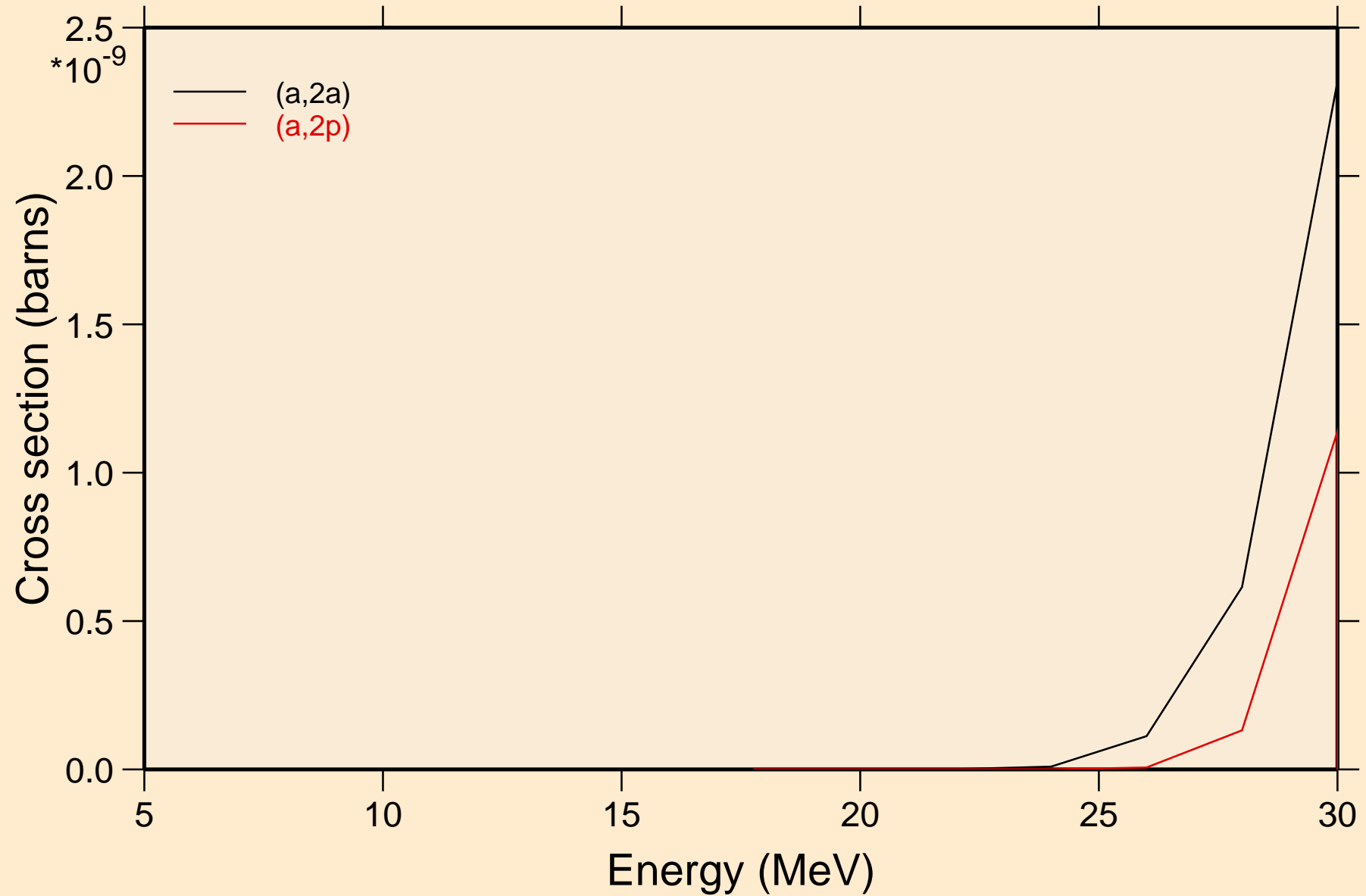


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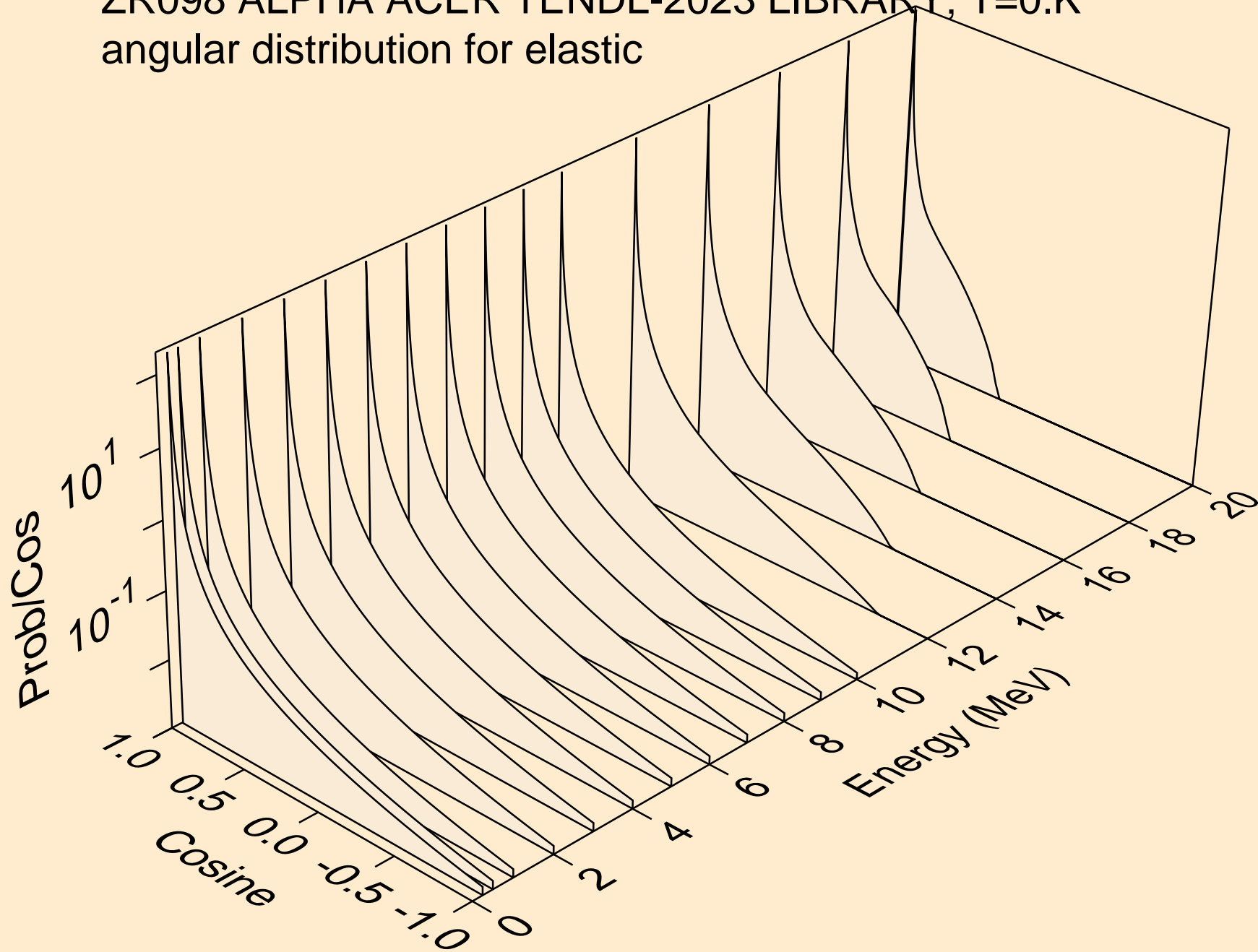
Threshold reactions



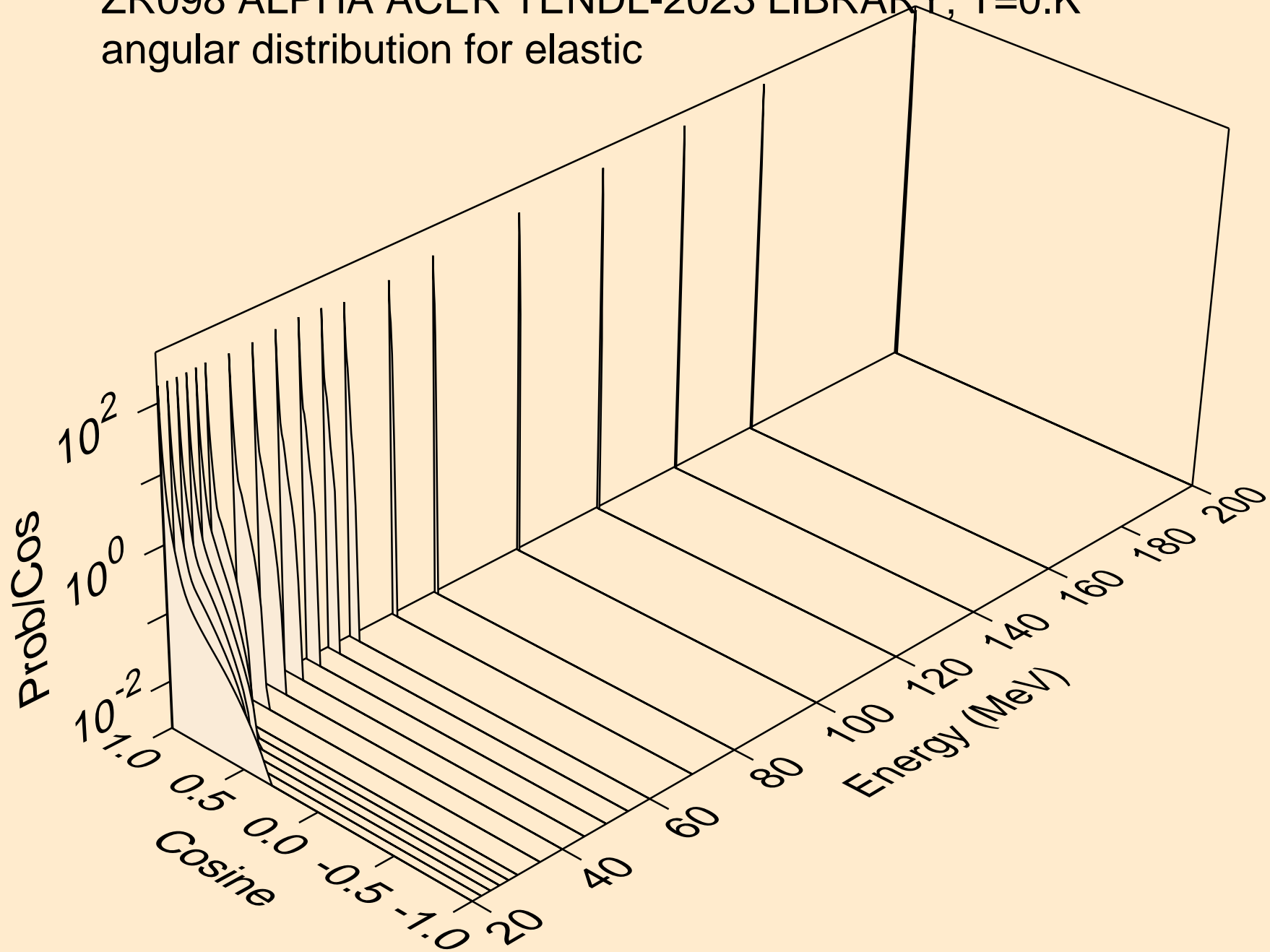
ZR098 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



ZR098 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic

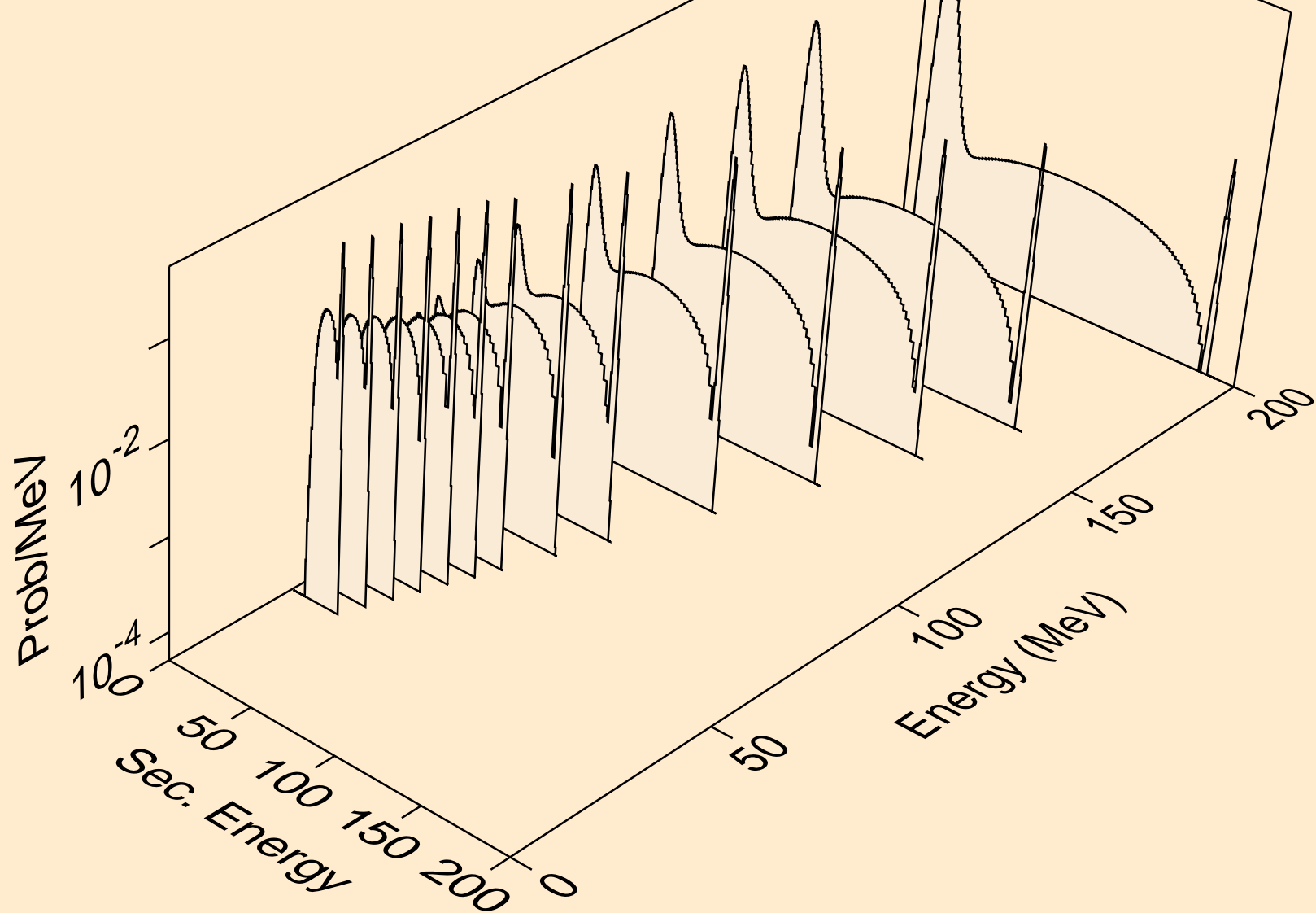


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angular distribution for elastic

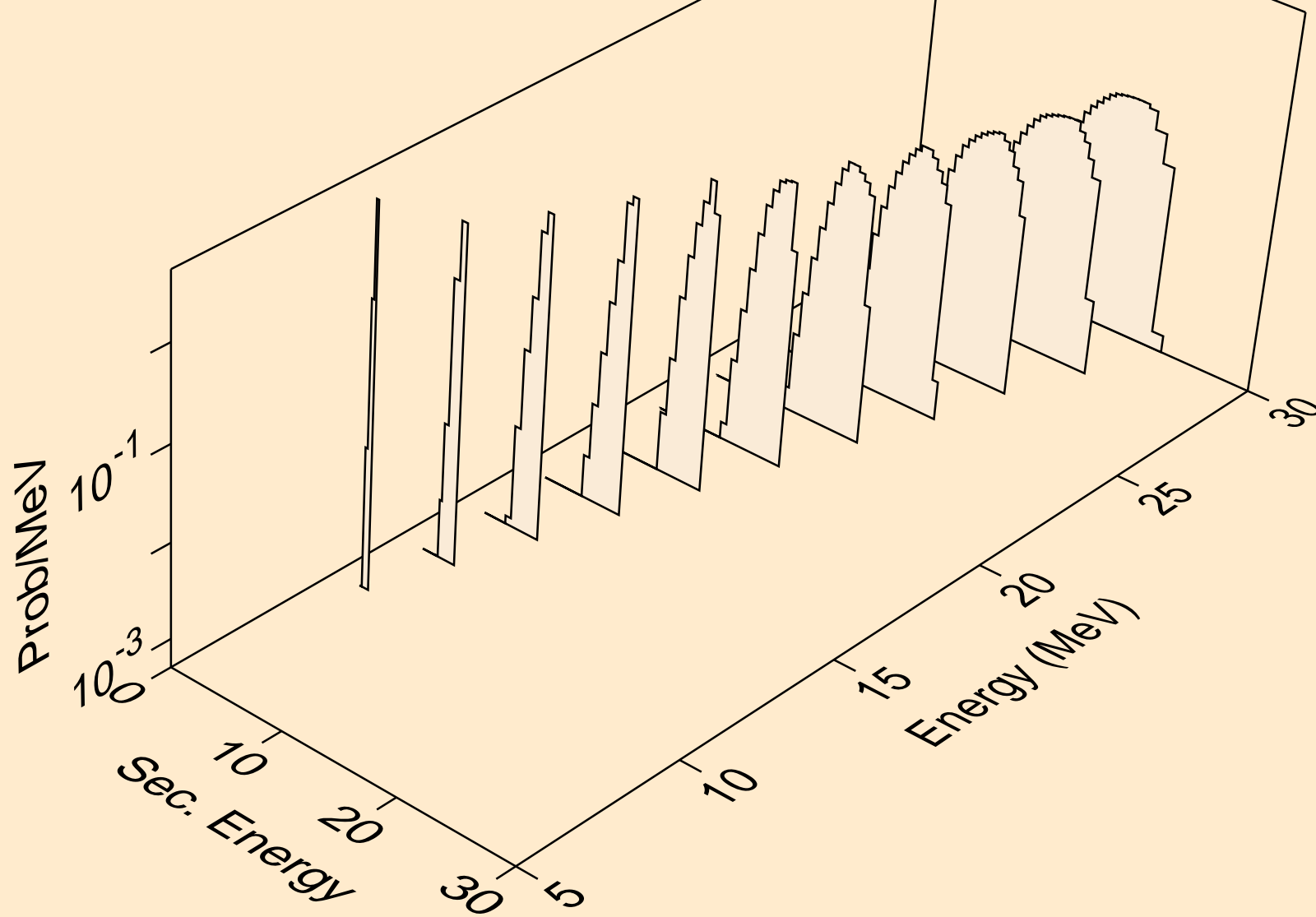


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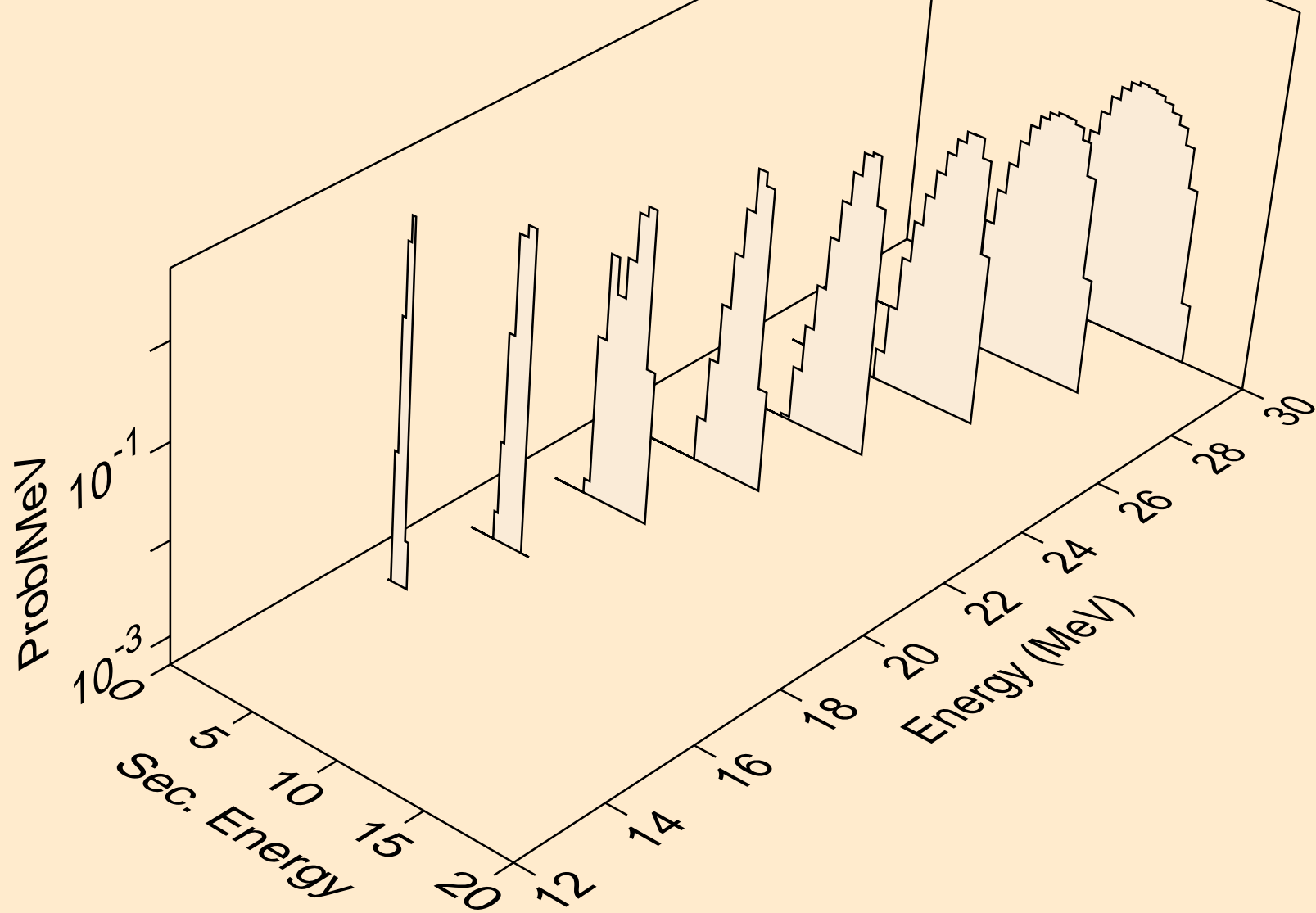
Alpha emission for (a,x)



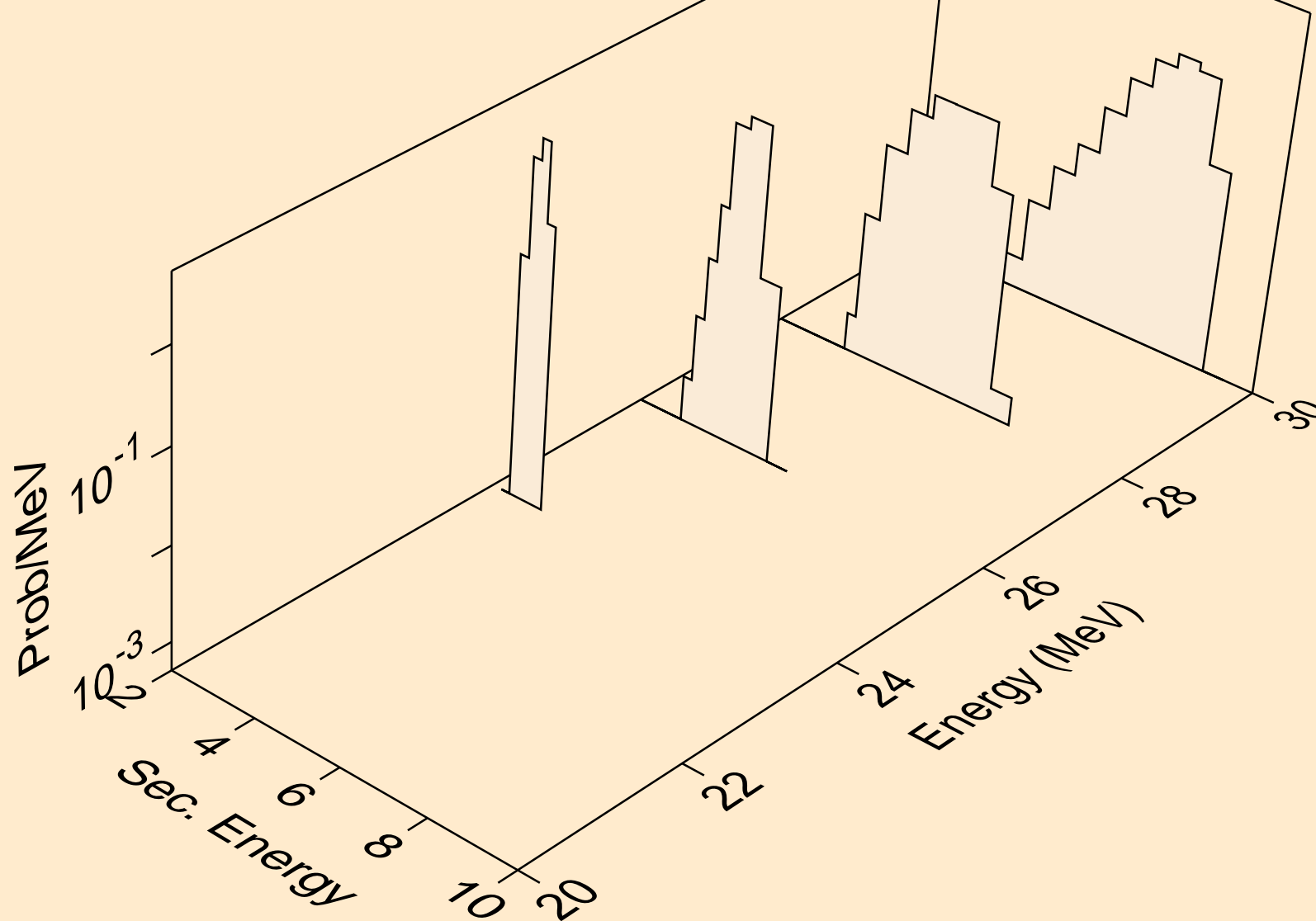
ZR098 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Alpha emission for (a,n*)a



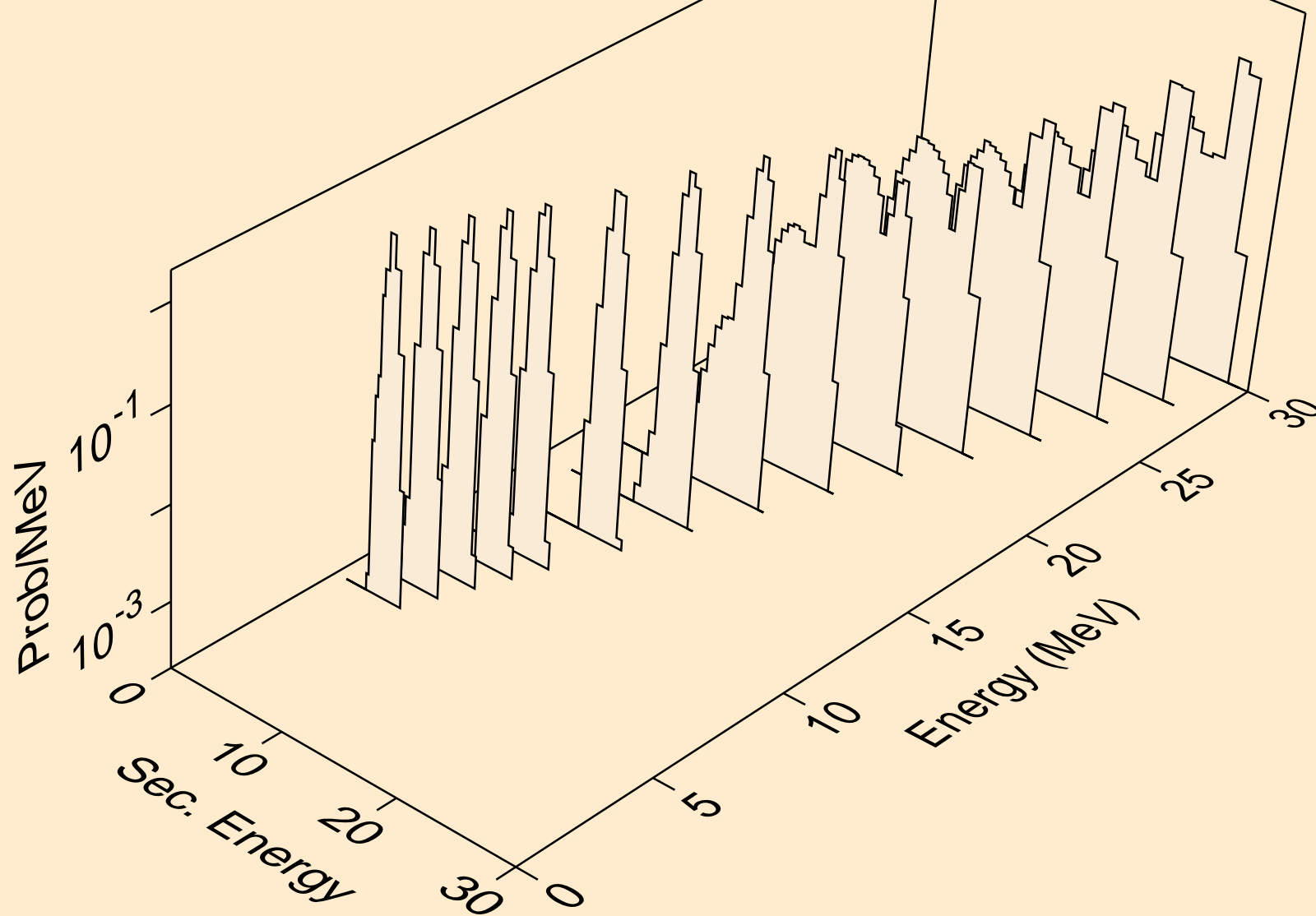
ZR098 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Alpha emission for (a,2n)a



ZR098 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Alpha emission for (a,3n)a

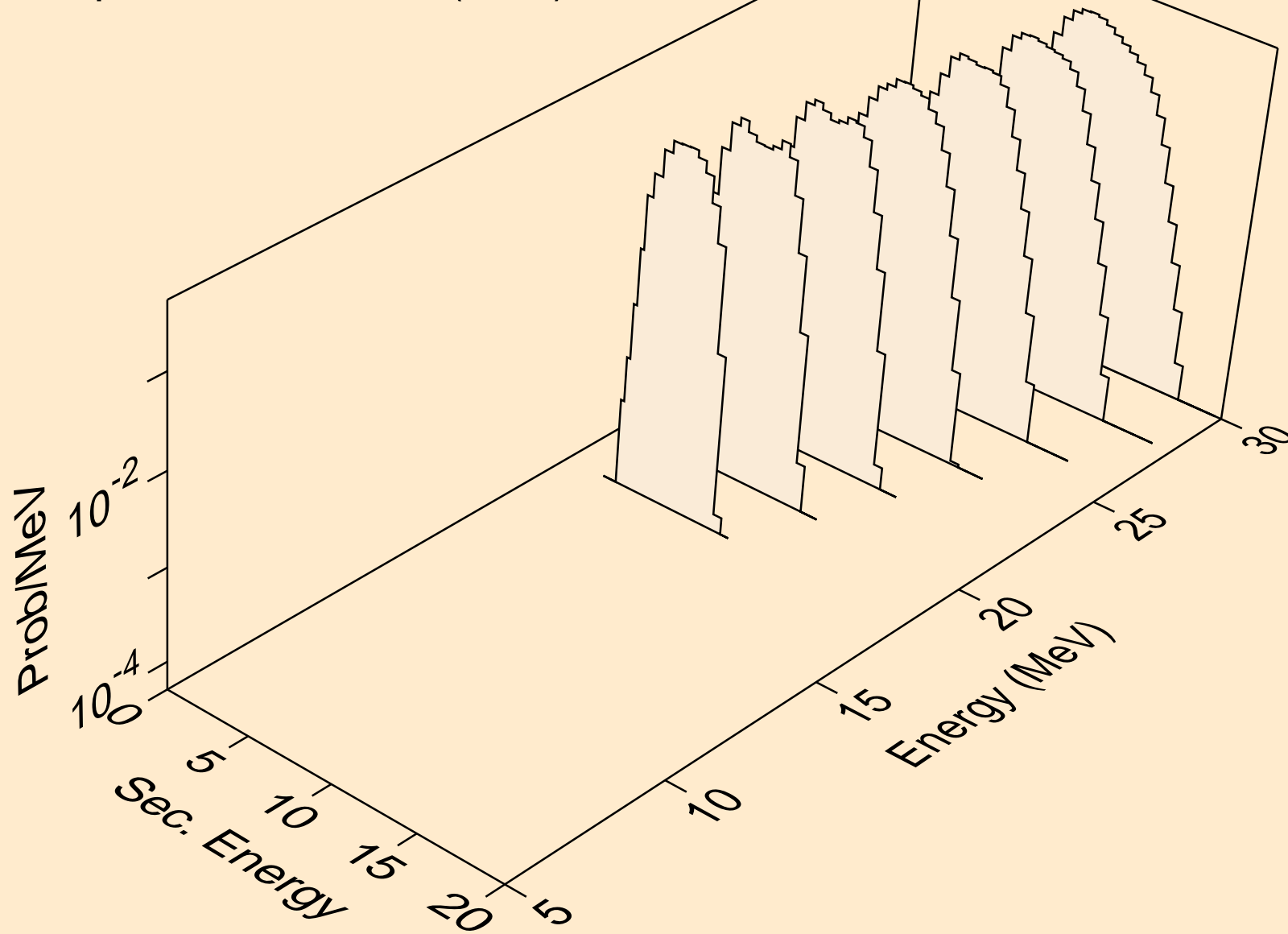


ZR098 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Alpha emission for inelastic

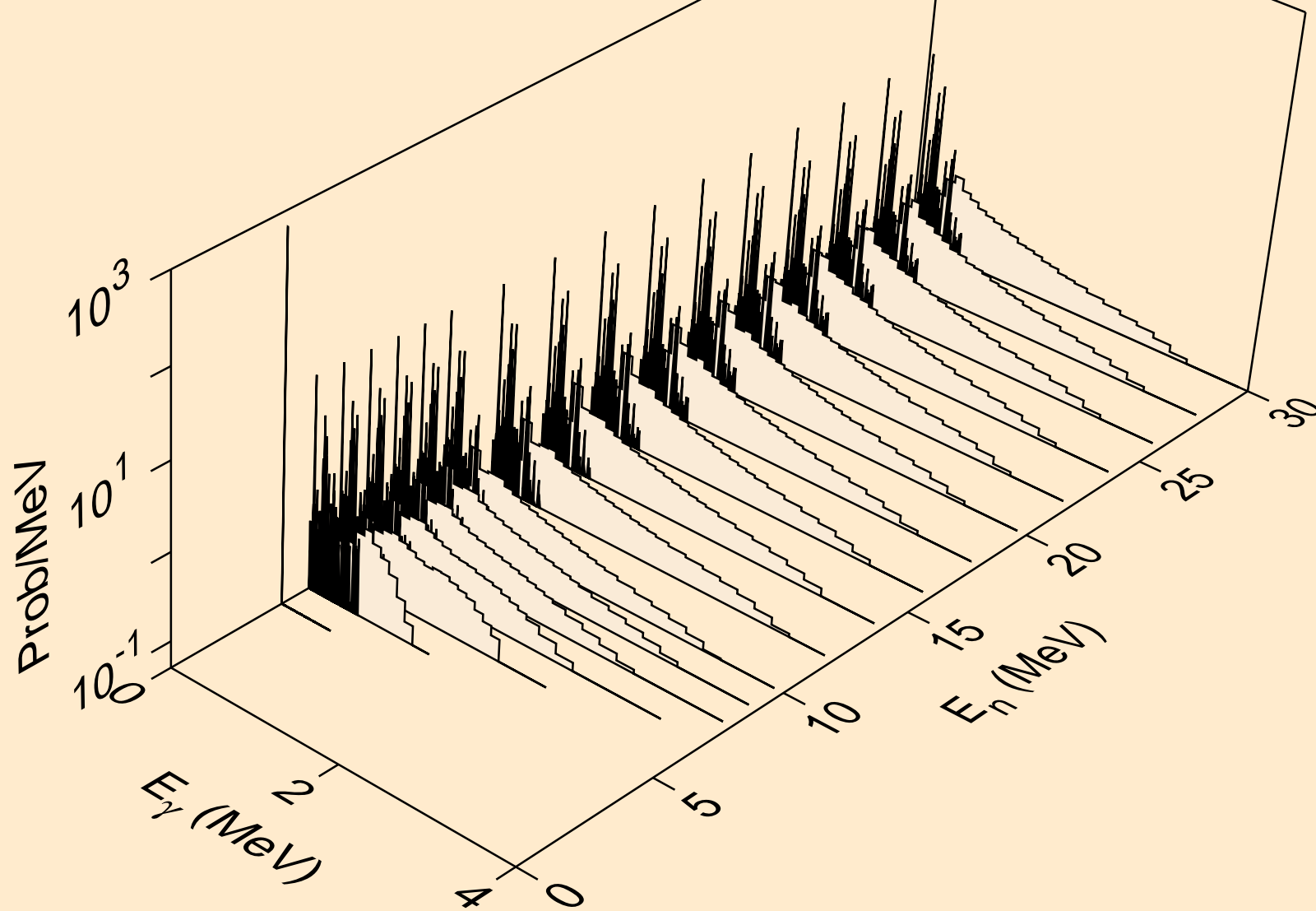


ZR098 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,2a)

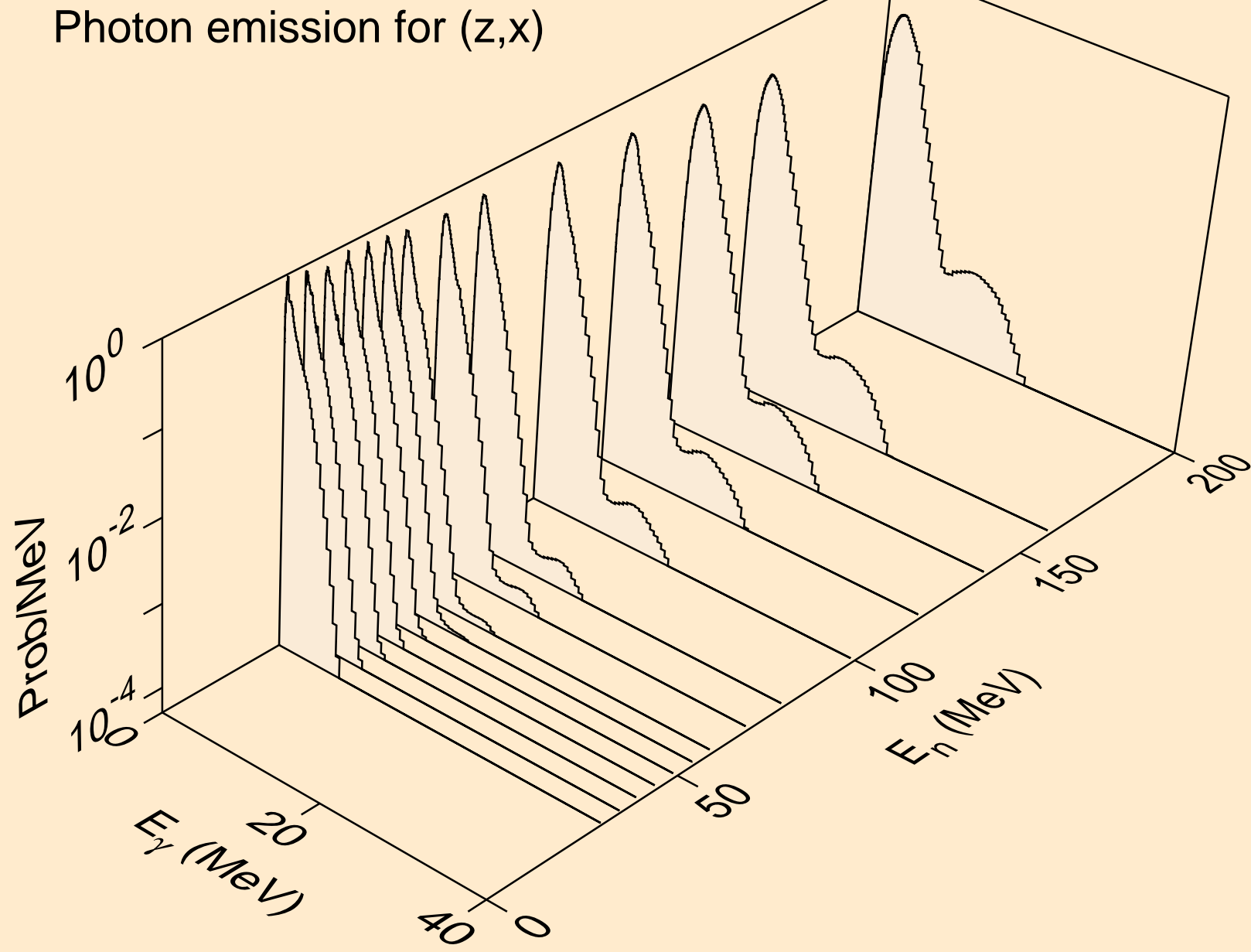


ZR098 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (z,n)

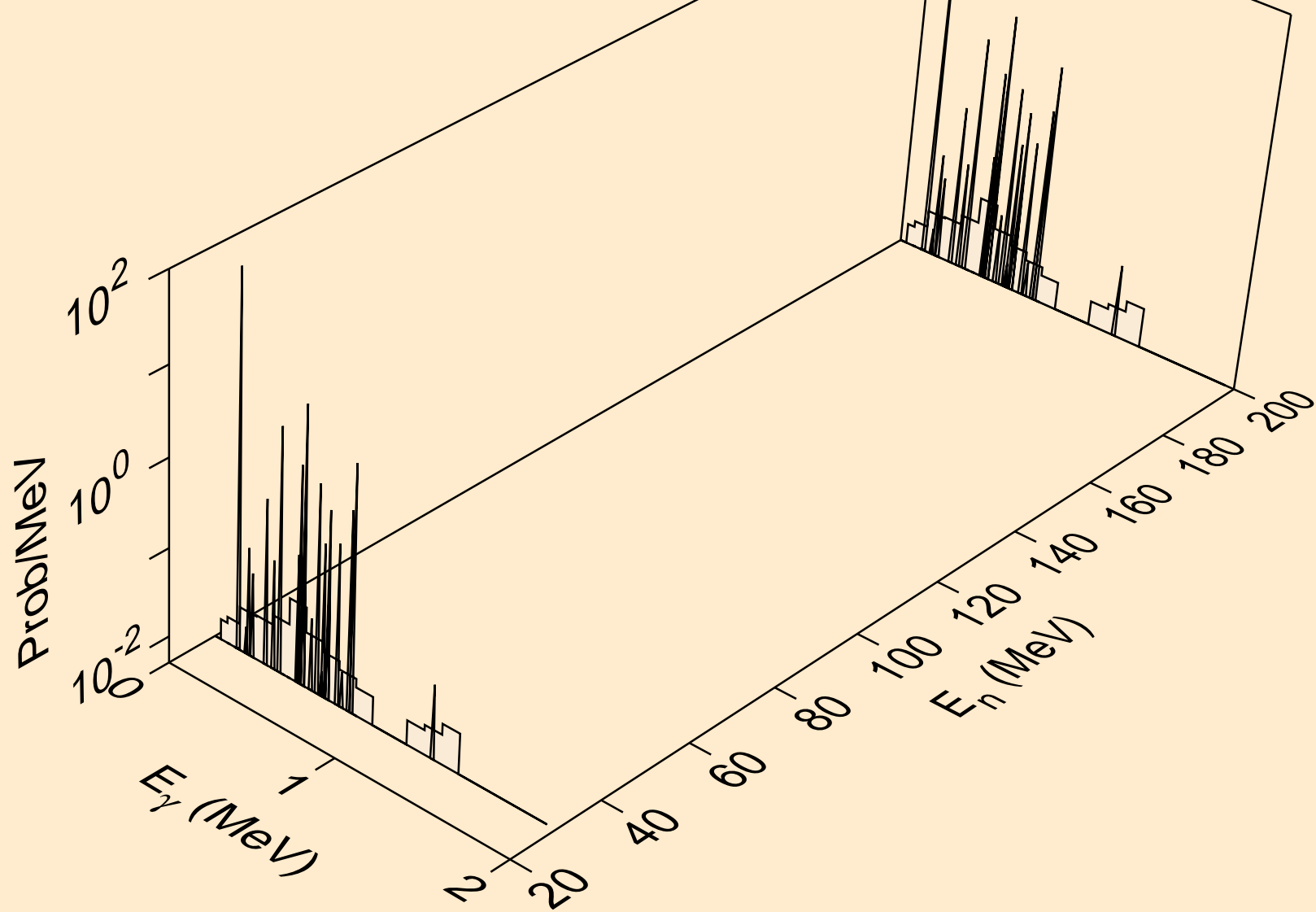


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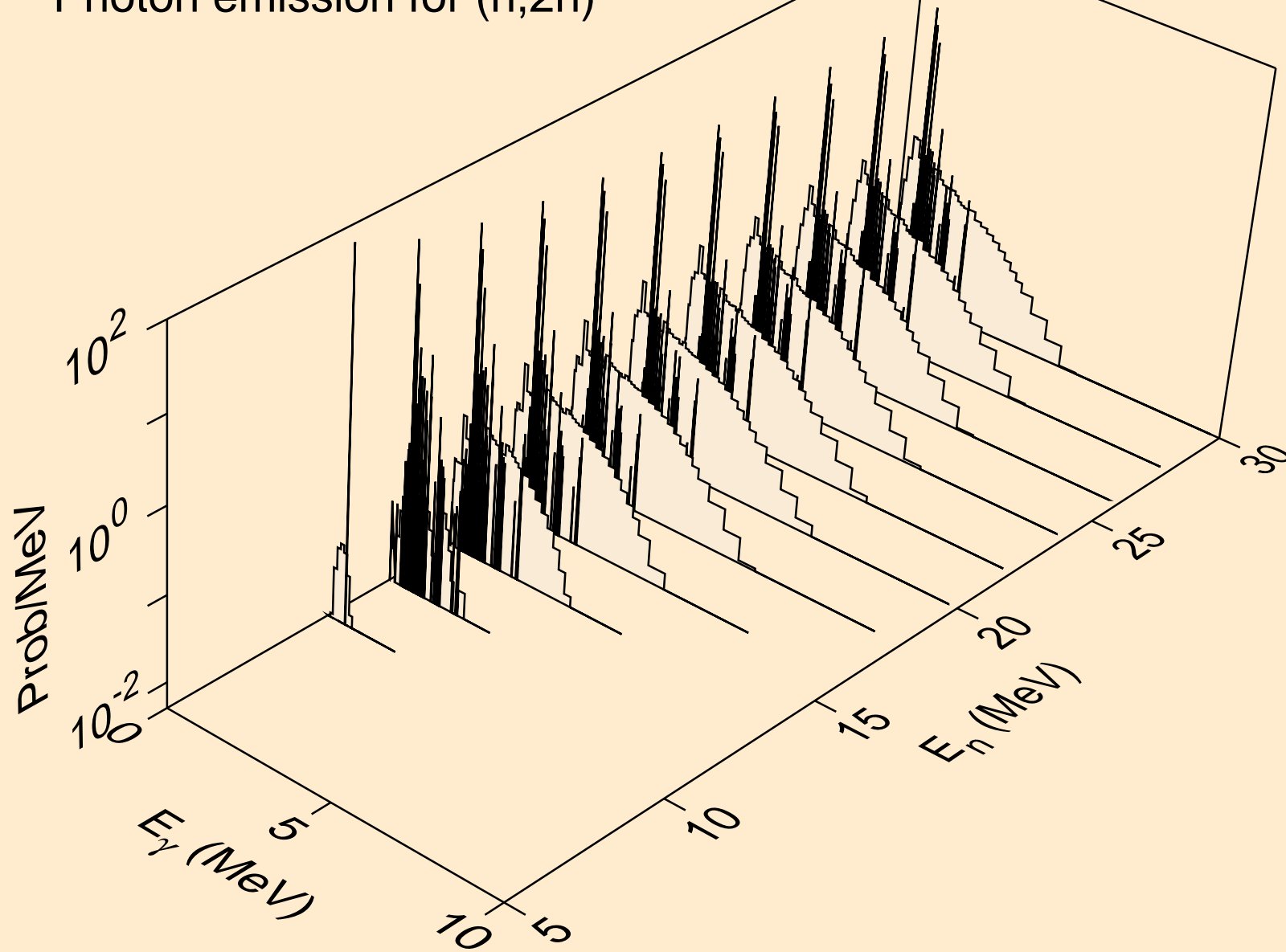
Photon emission for (z,x)



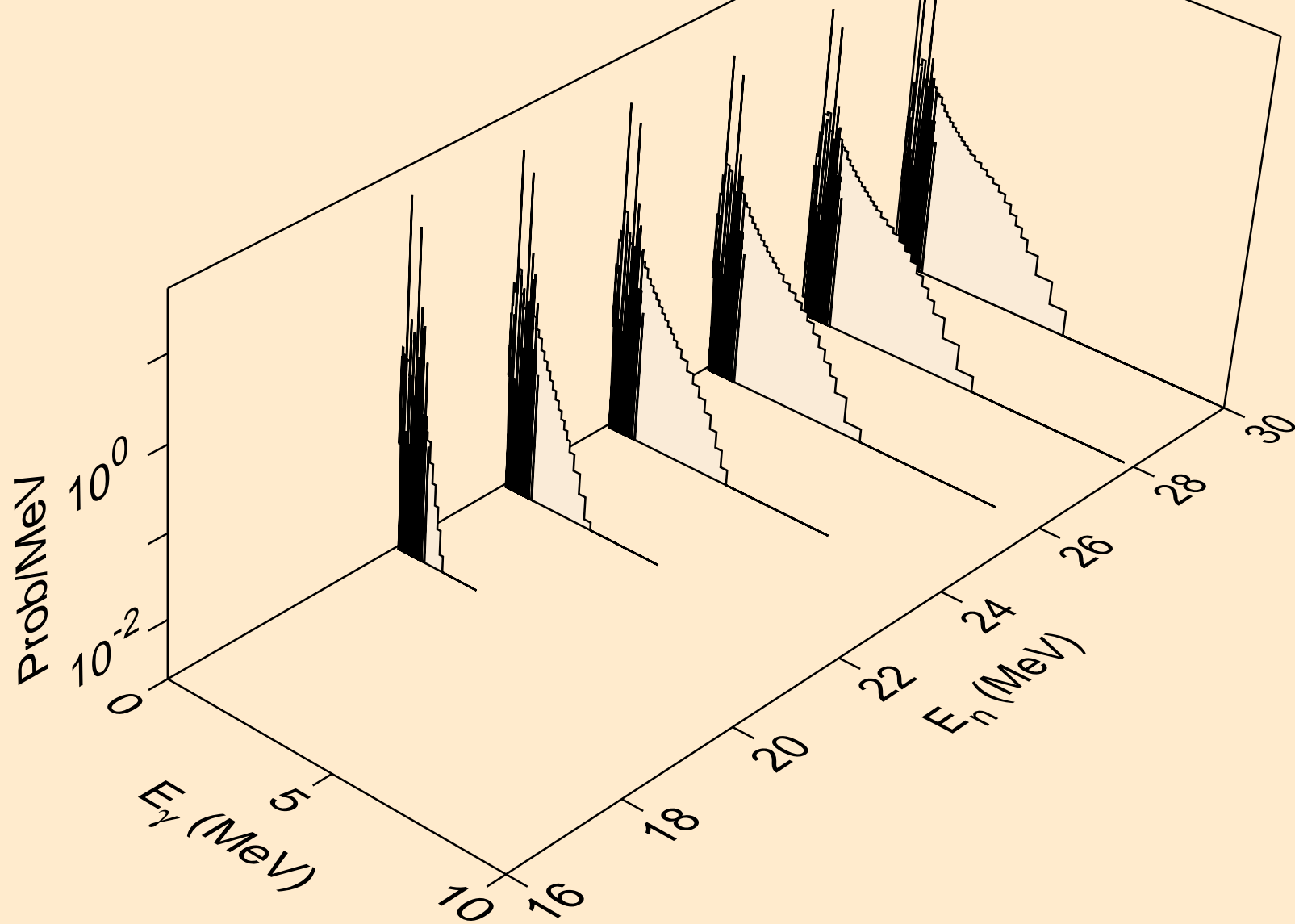
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Photon emission for (n,2nd)



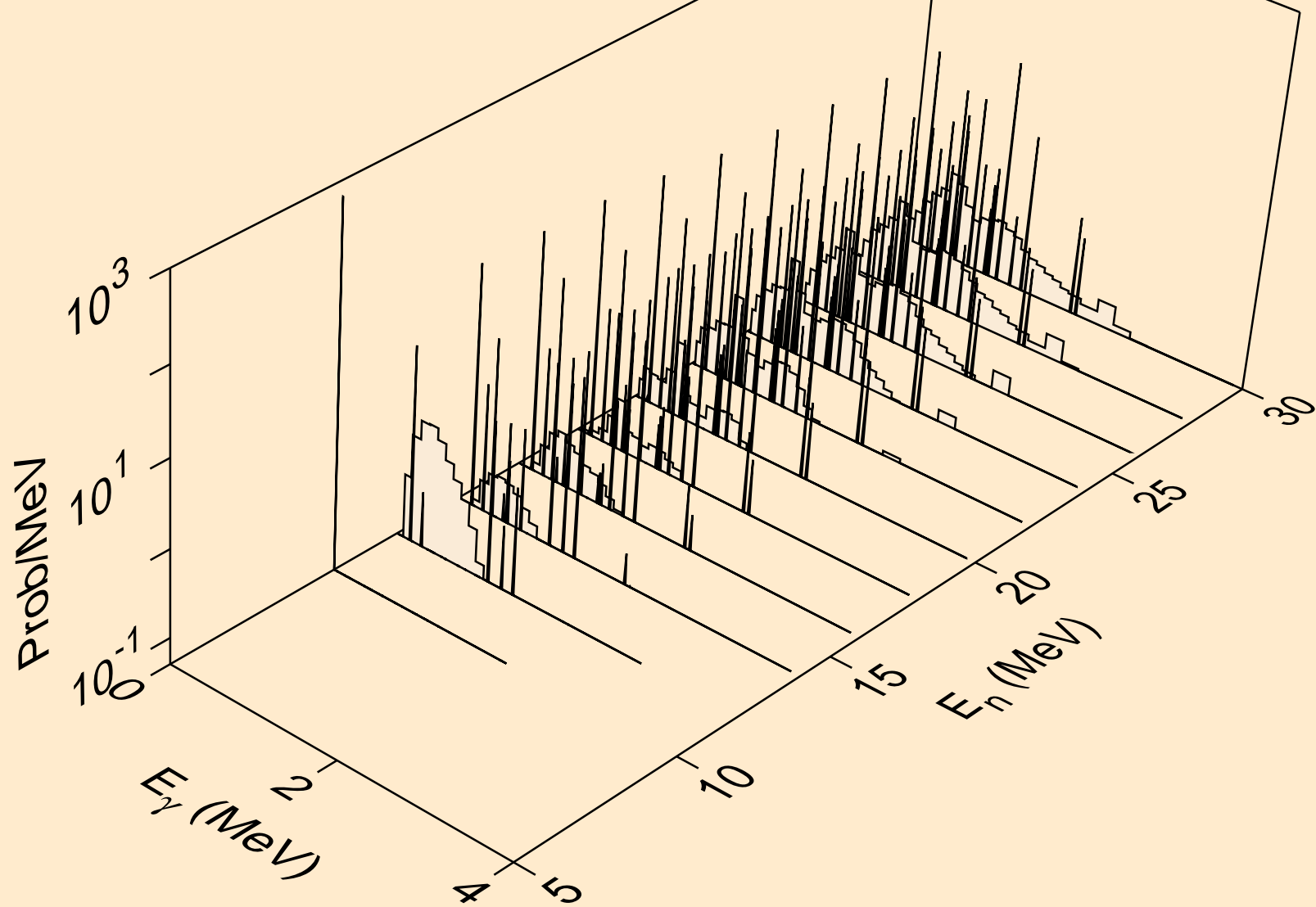
ZR098 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)



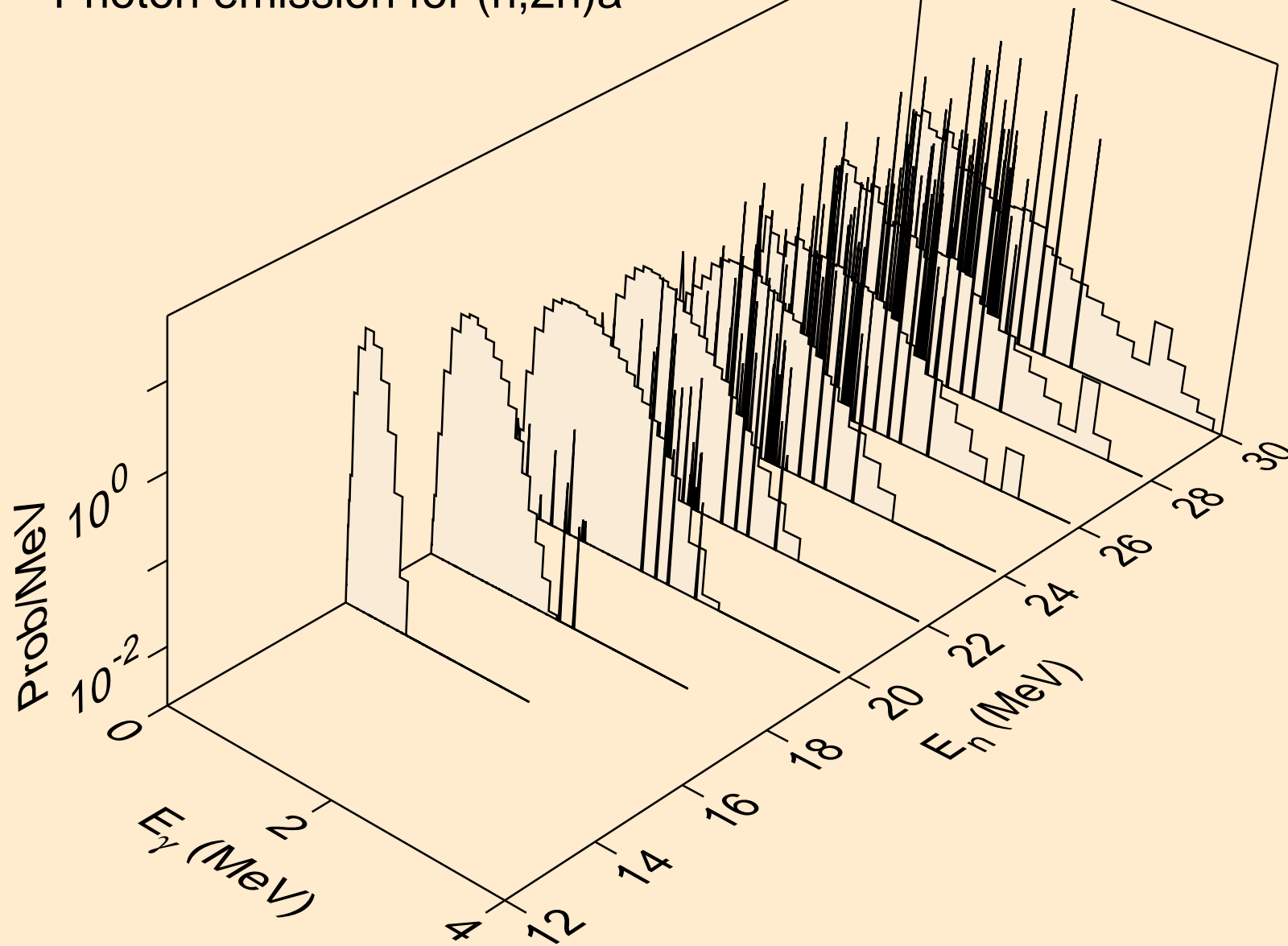
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Photon emission for (n,3n)



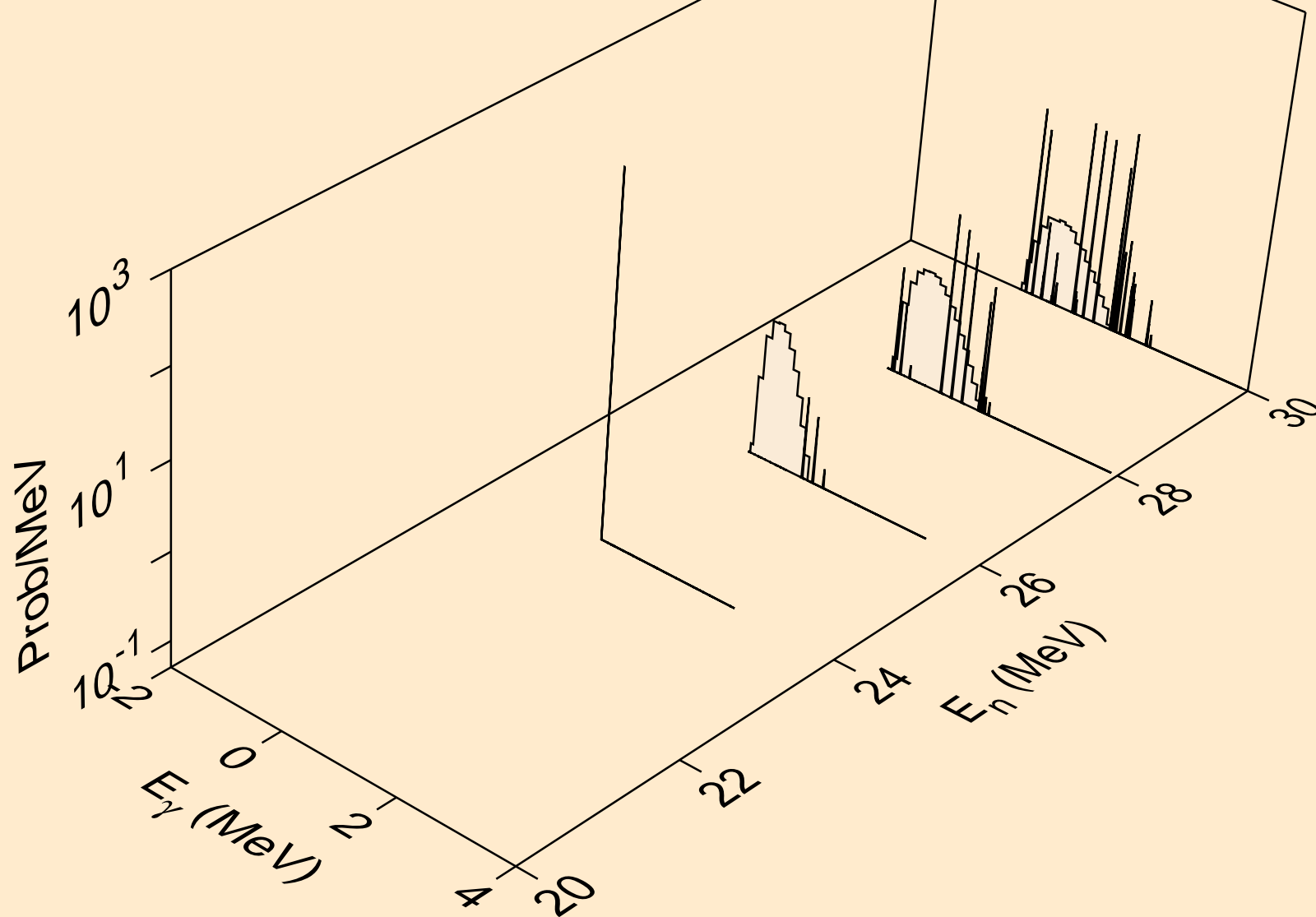
ZR098 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)a



ZR098 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)a

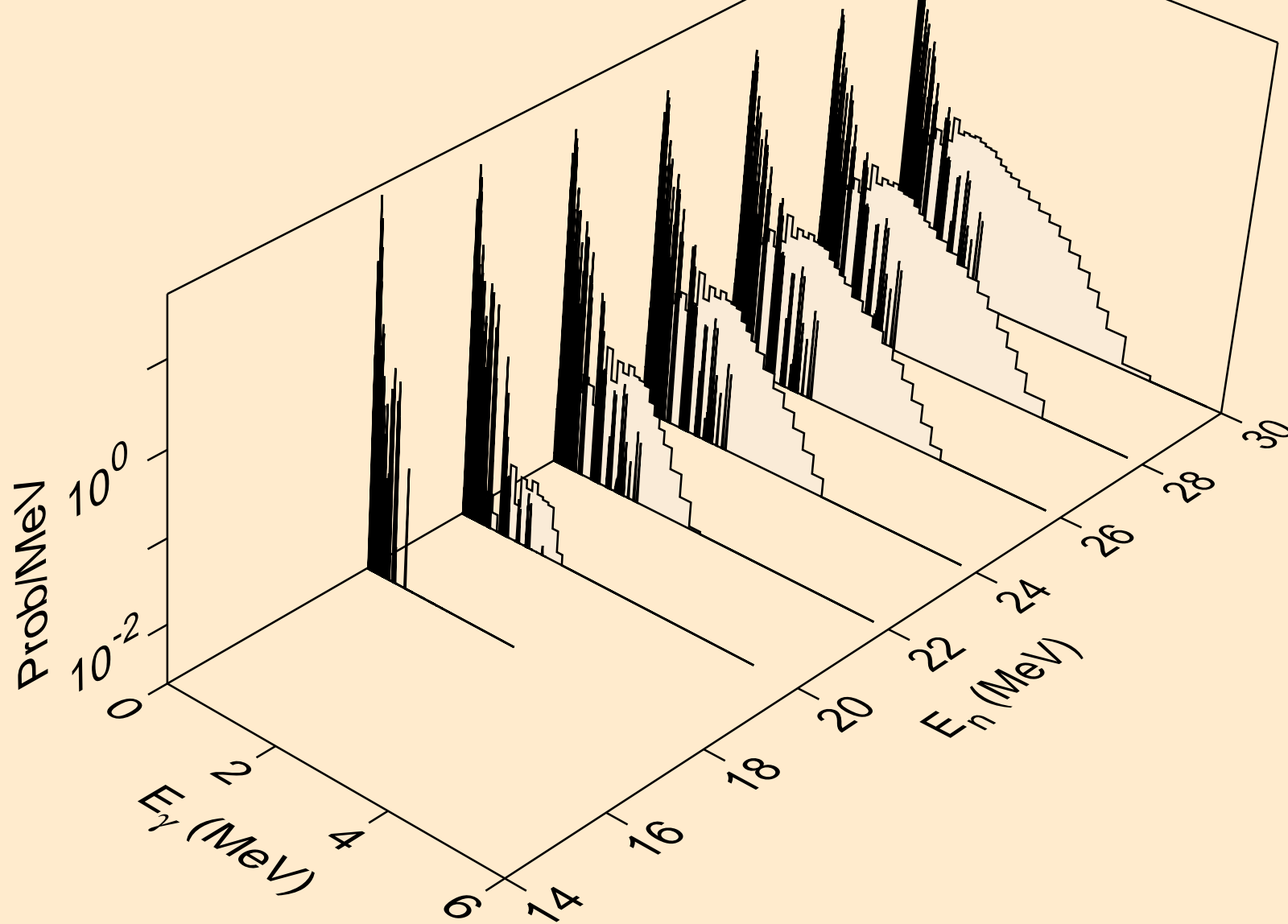


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Photon emission for (n,3n)a

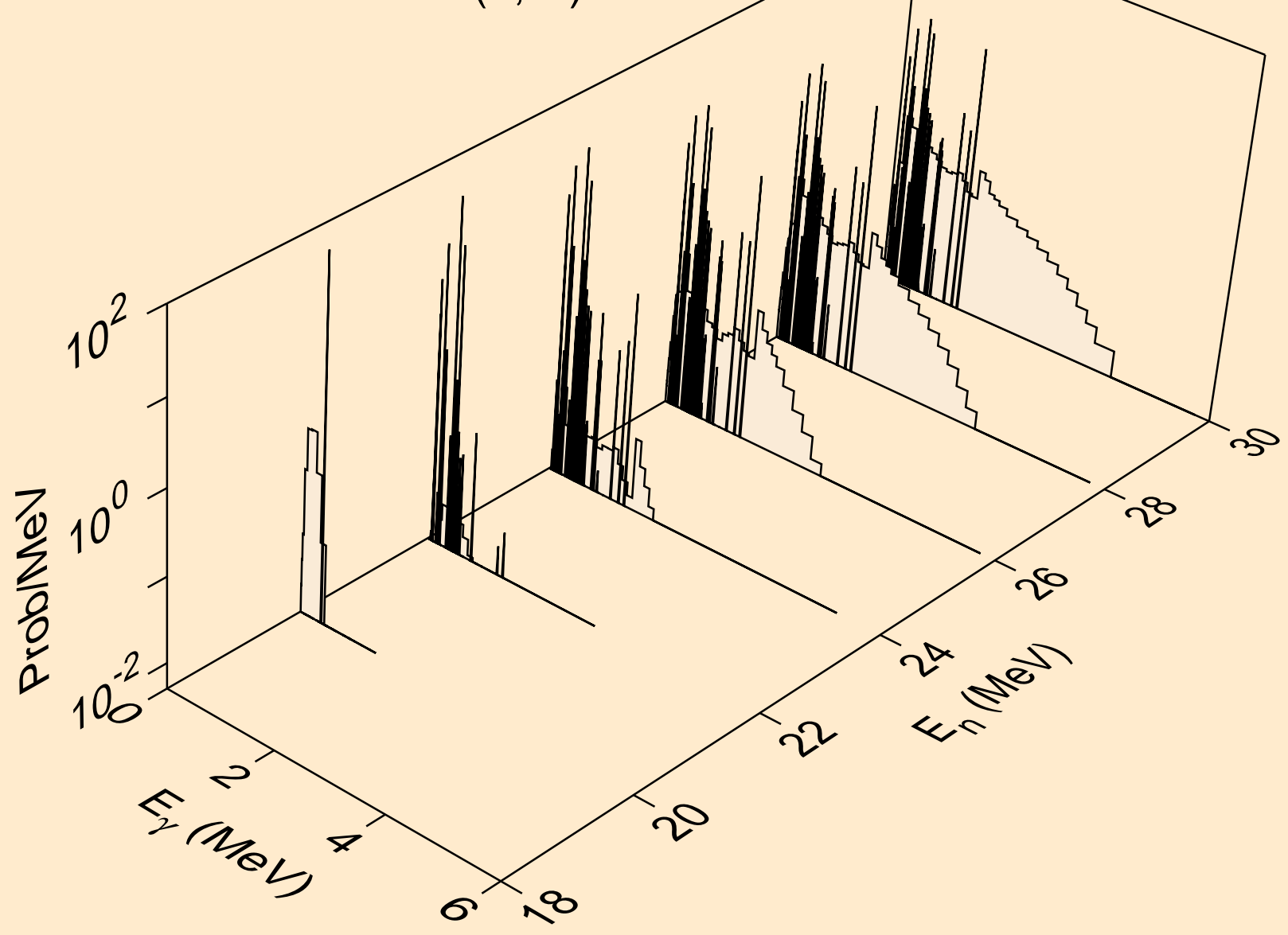


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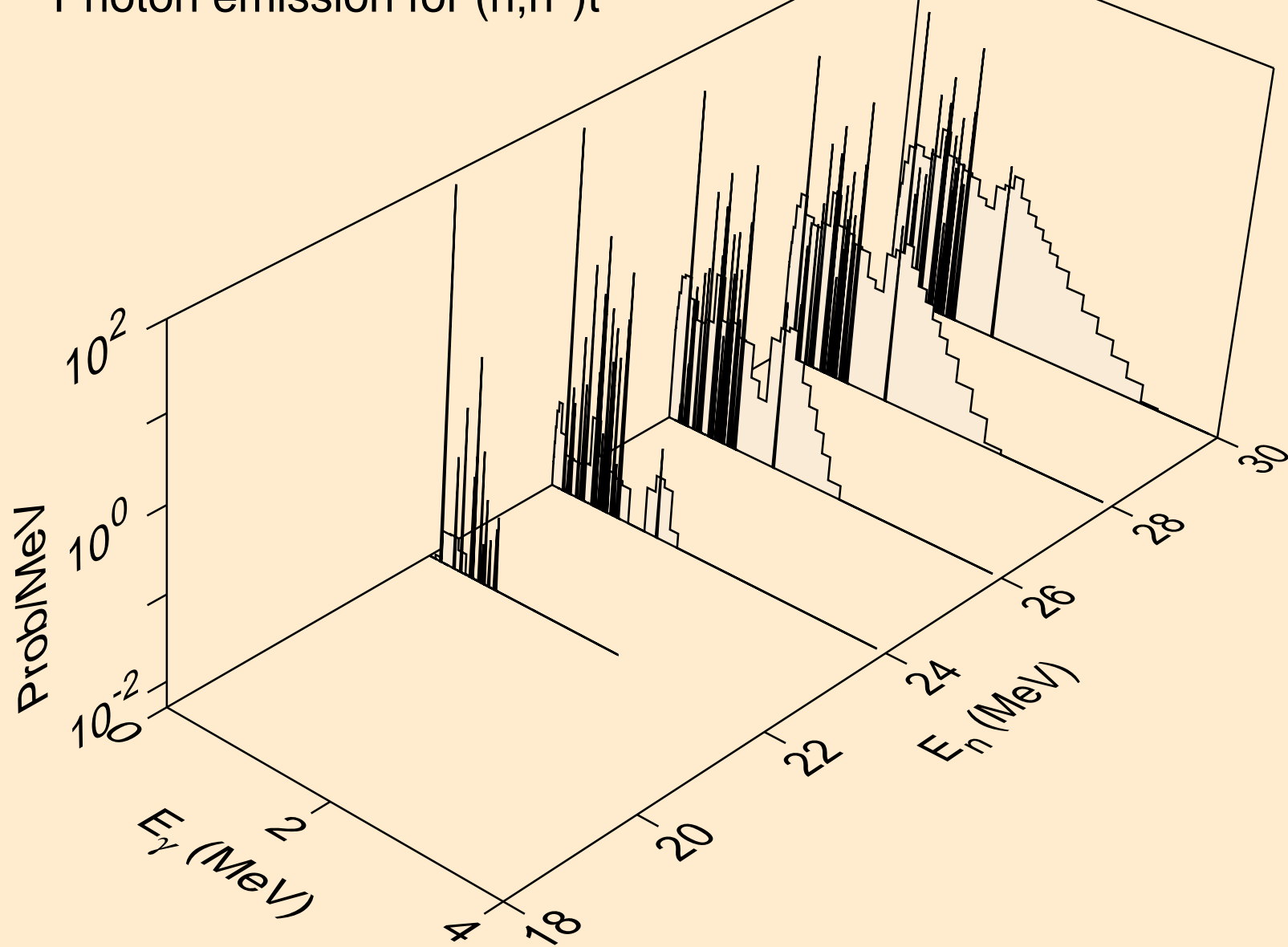
Photon emission for (n,n*)p



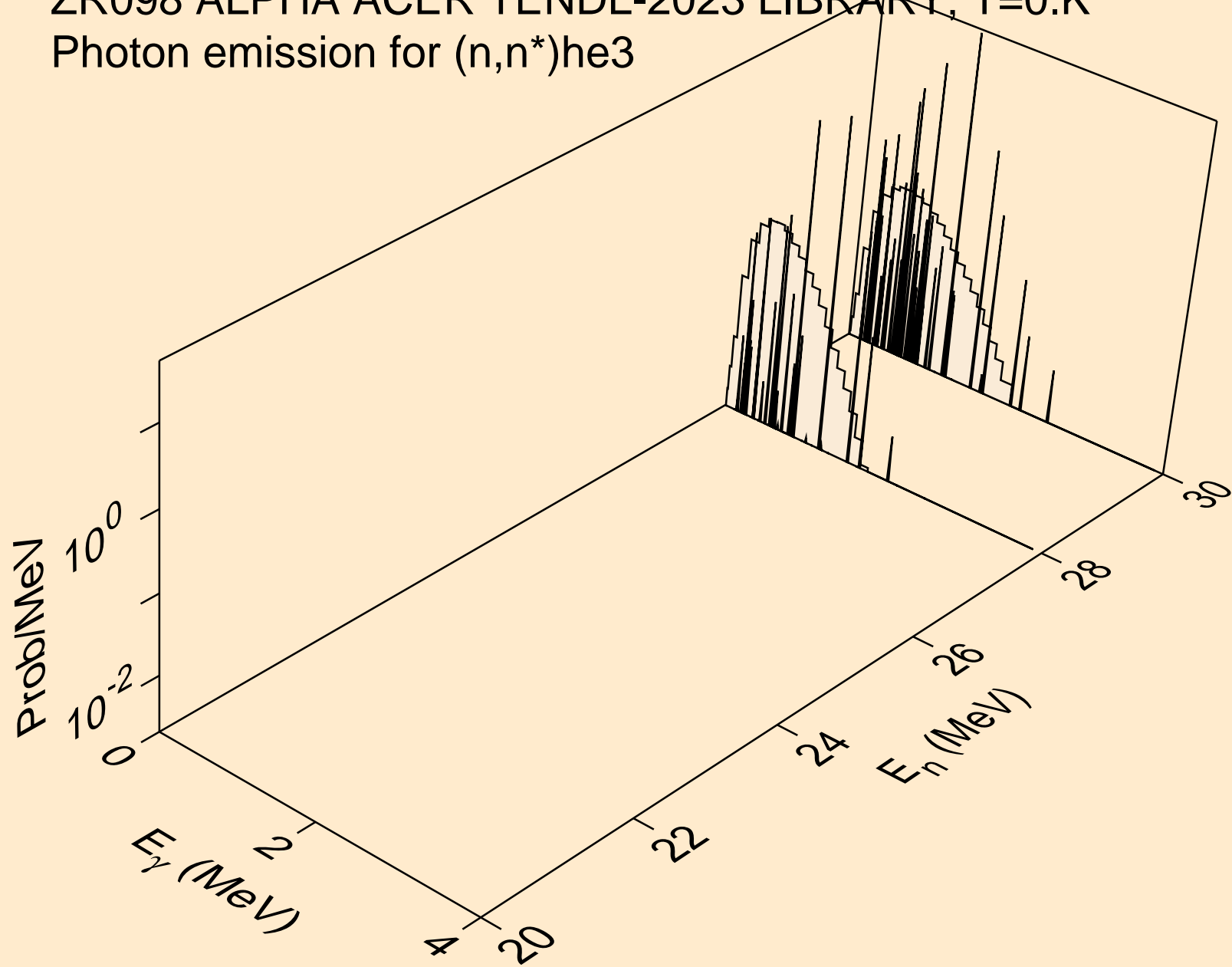
ZR098 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)d



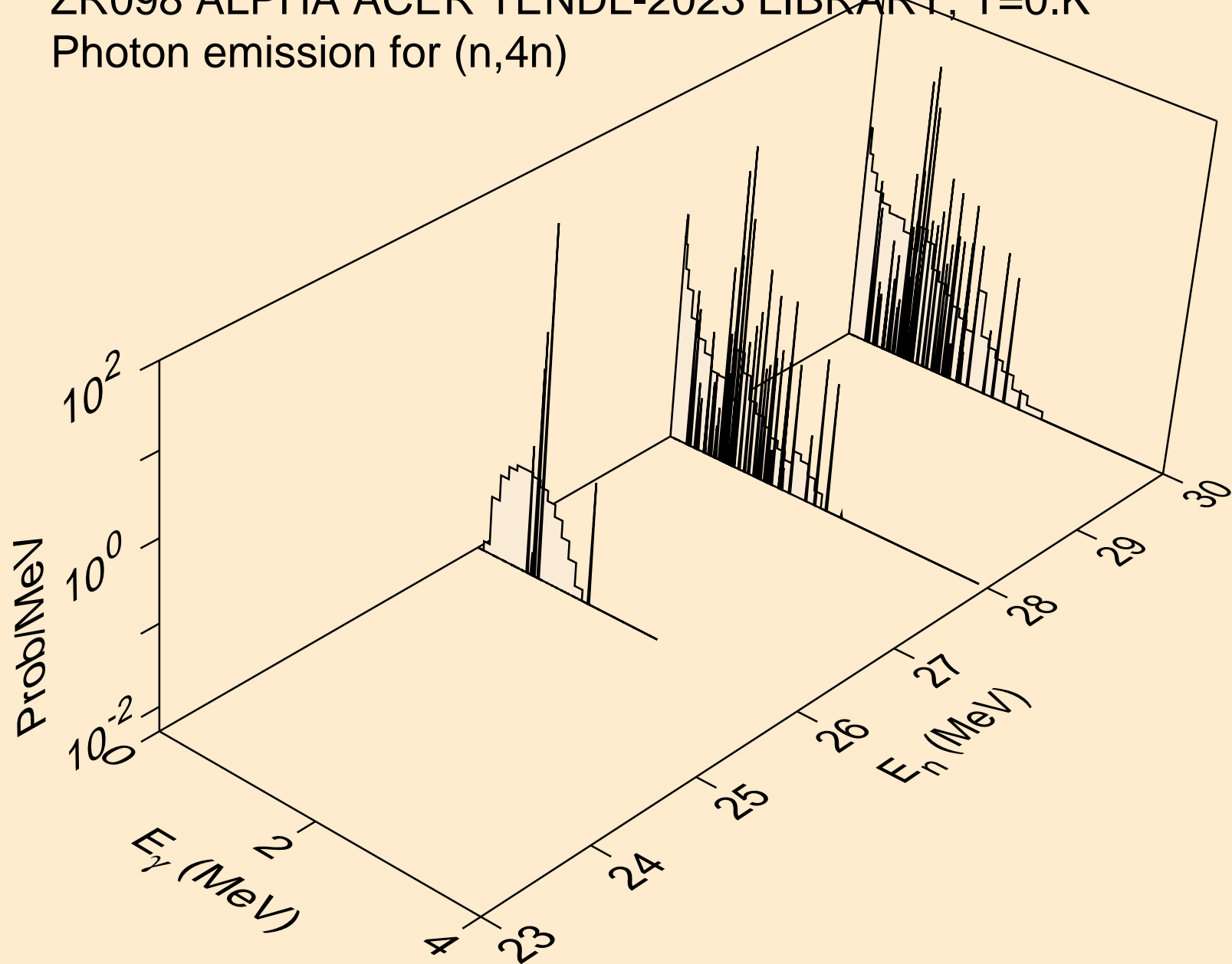
ZR098 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)t



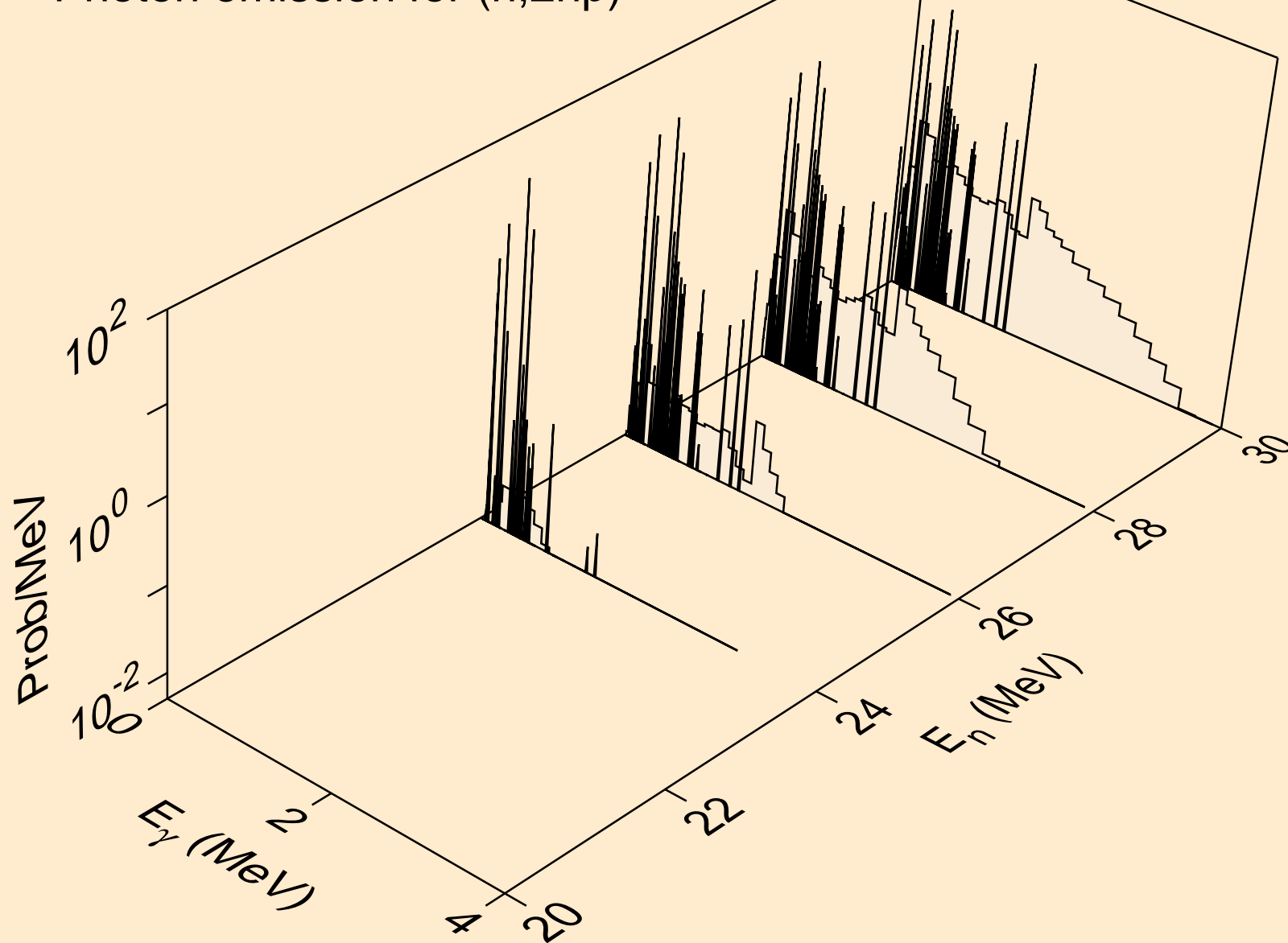
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Photon emission for (n,n*)he3



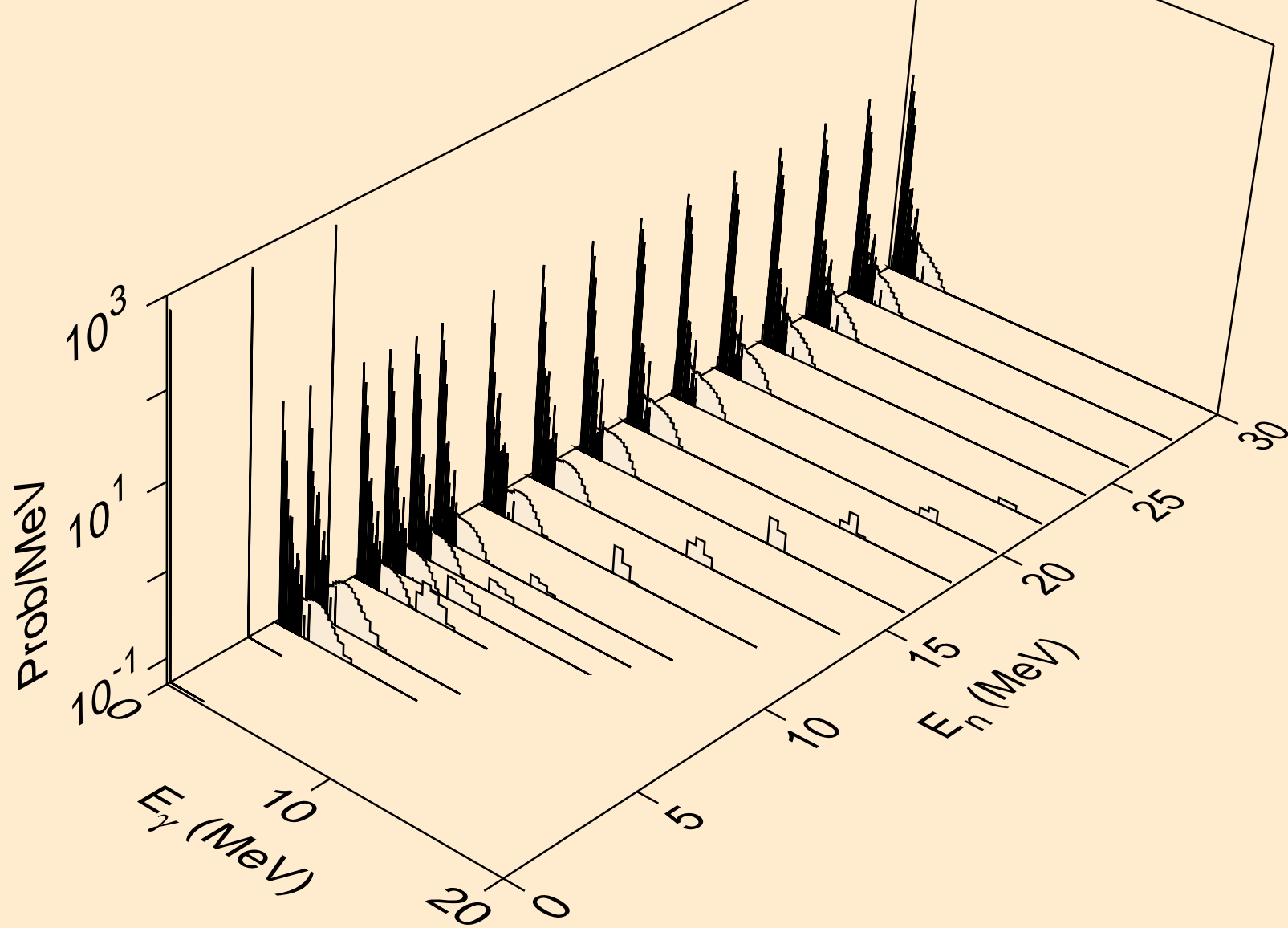
ZR098 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,4n)



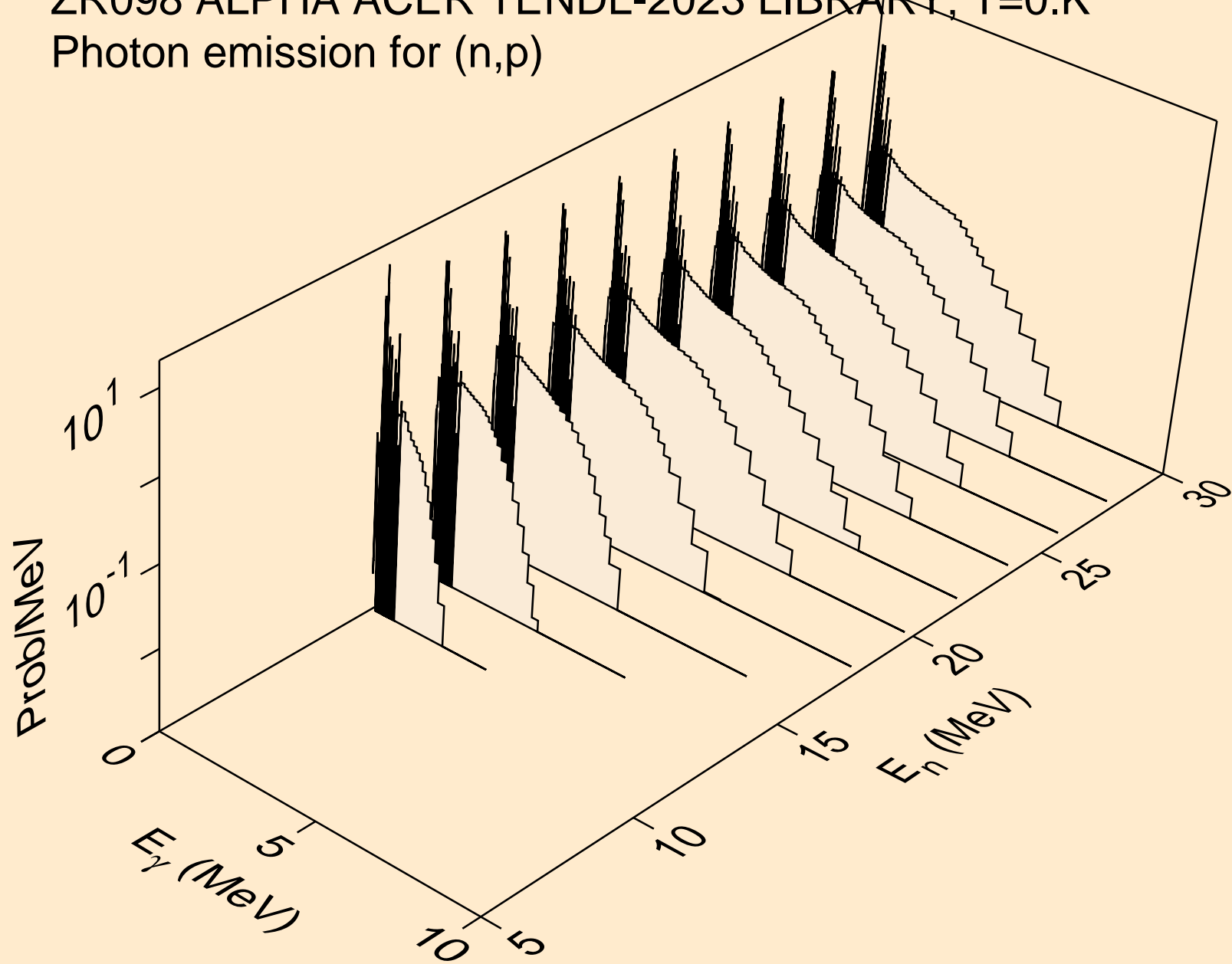
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Photon emission for (n,2np)



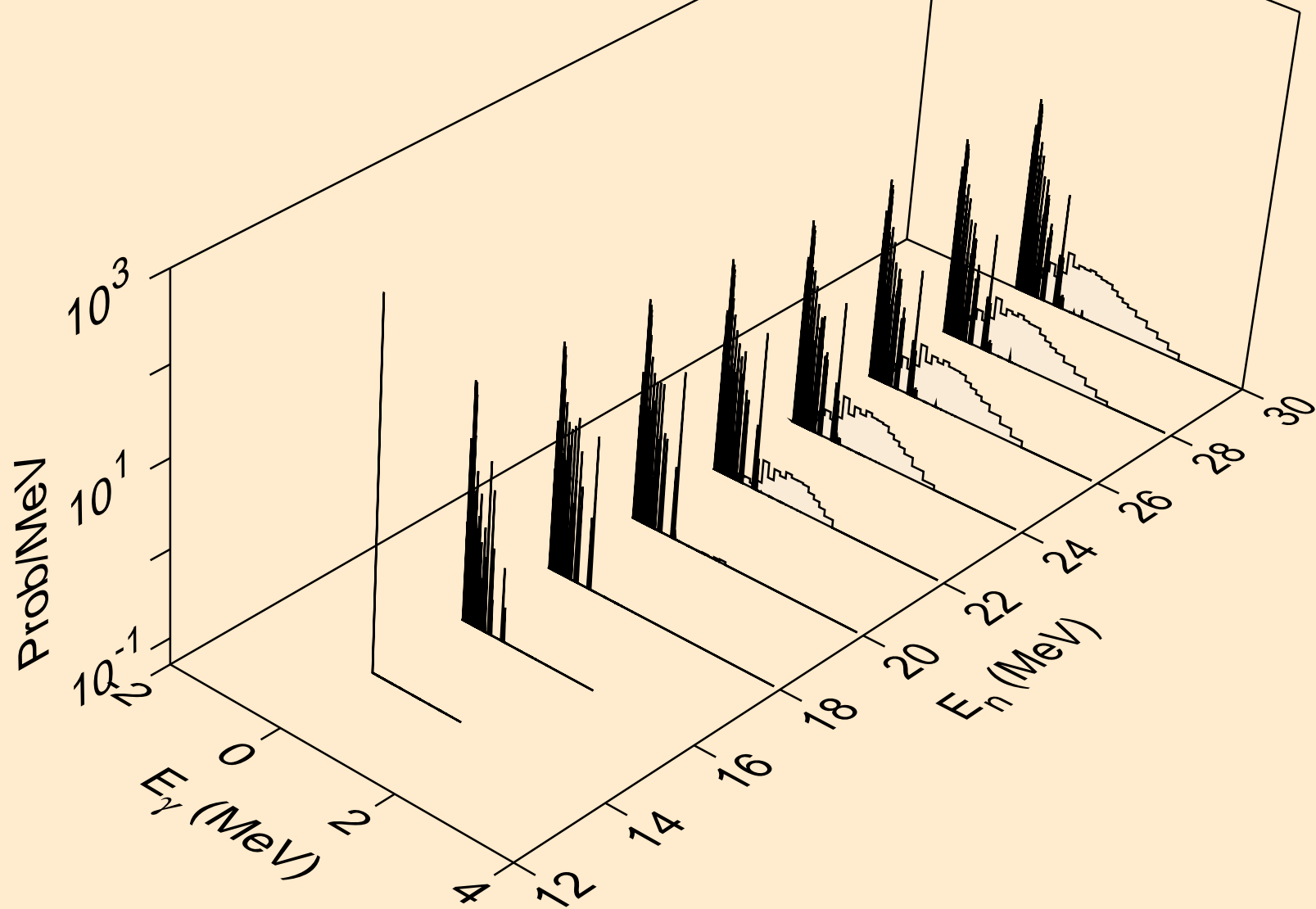
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Photon emission for (n,gma)



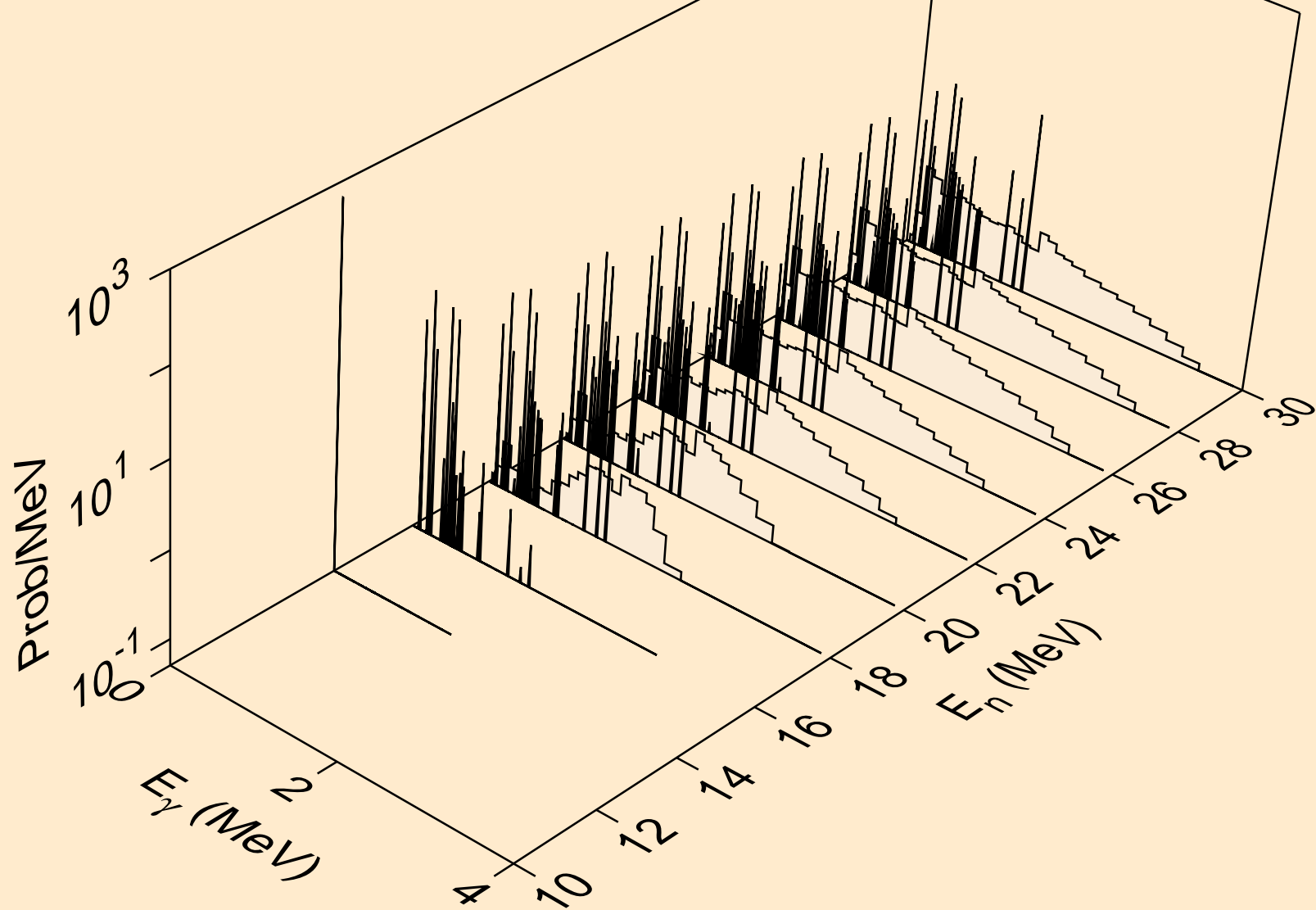
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Photon emission for (n,p)



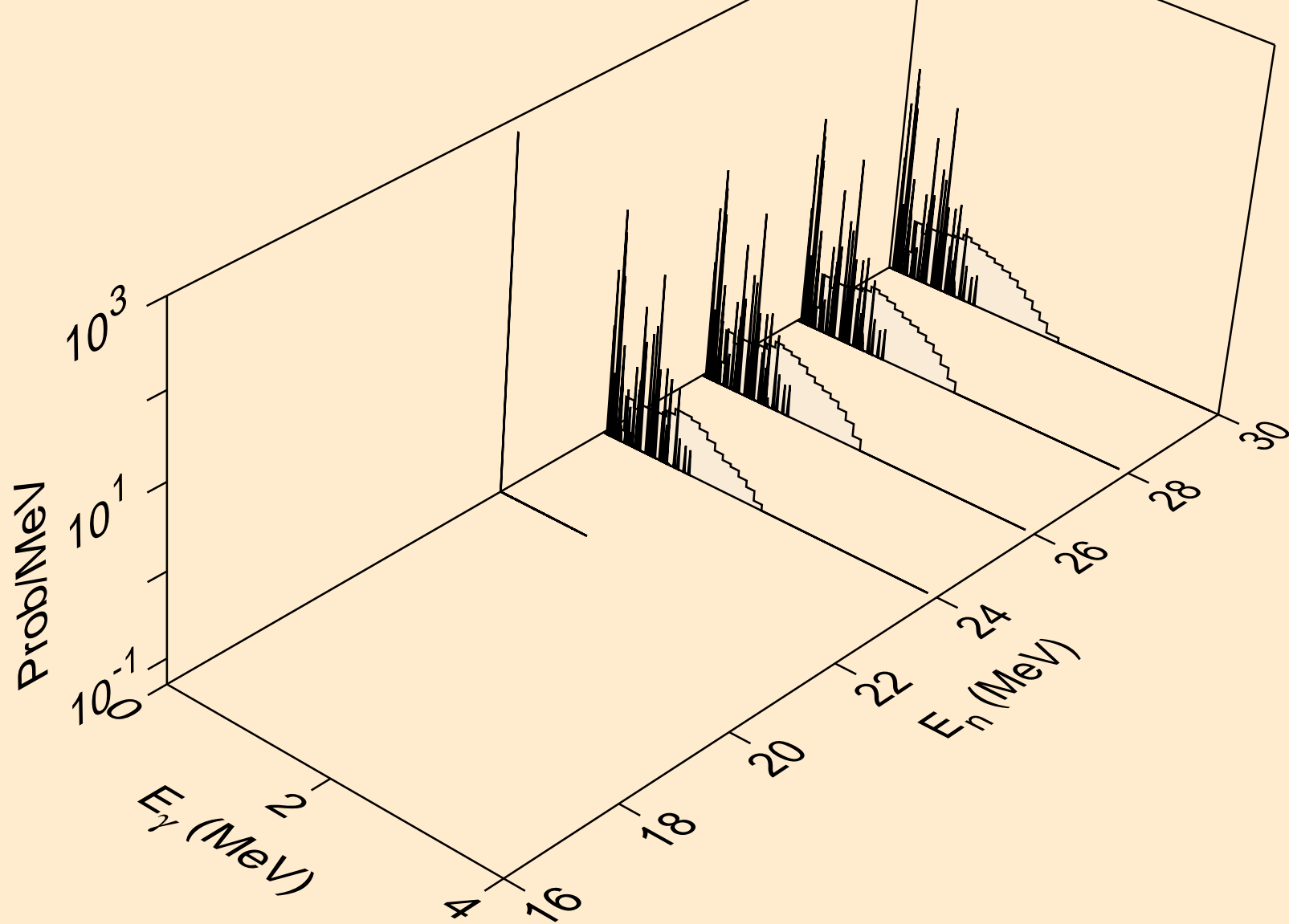
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Photon emission for (n,d)



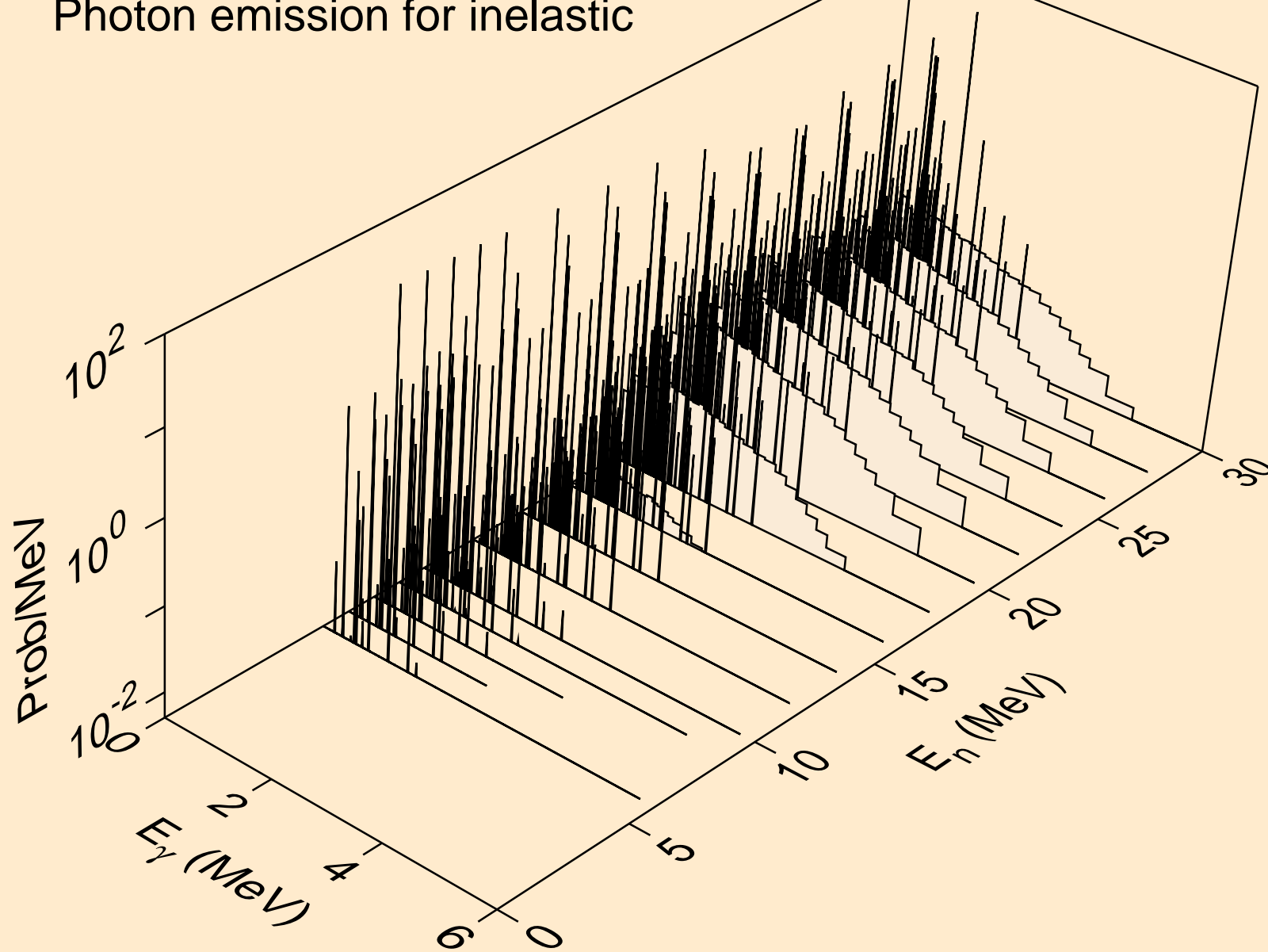
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Photon emission for (n,t)



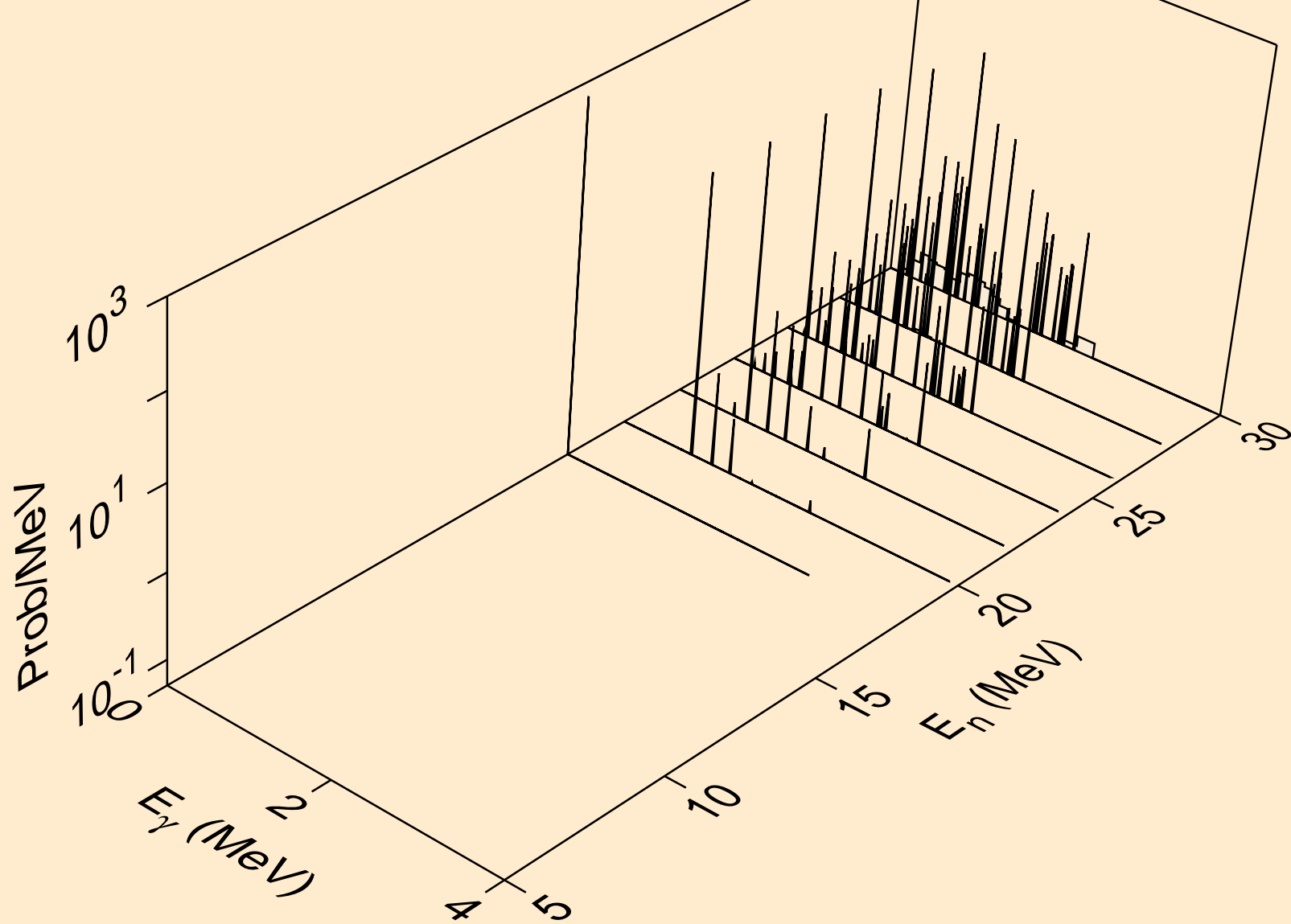
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Photon emission for (n,he3)



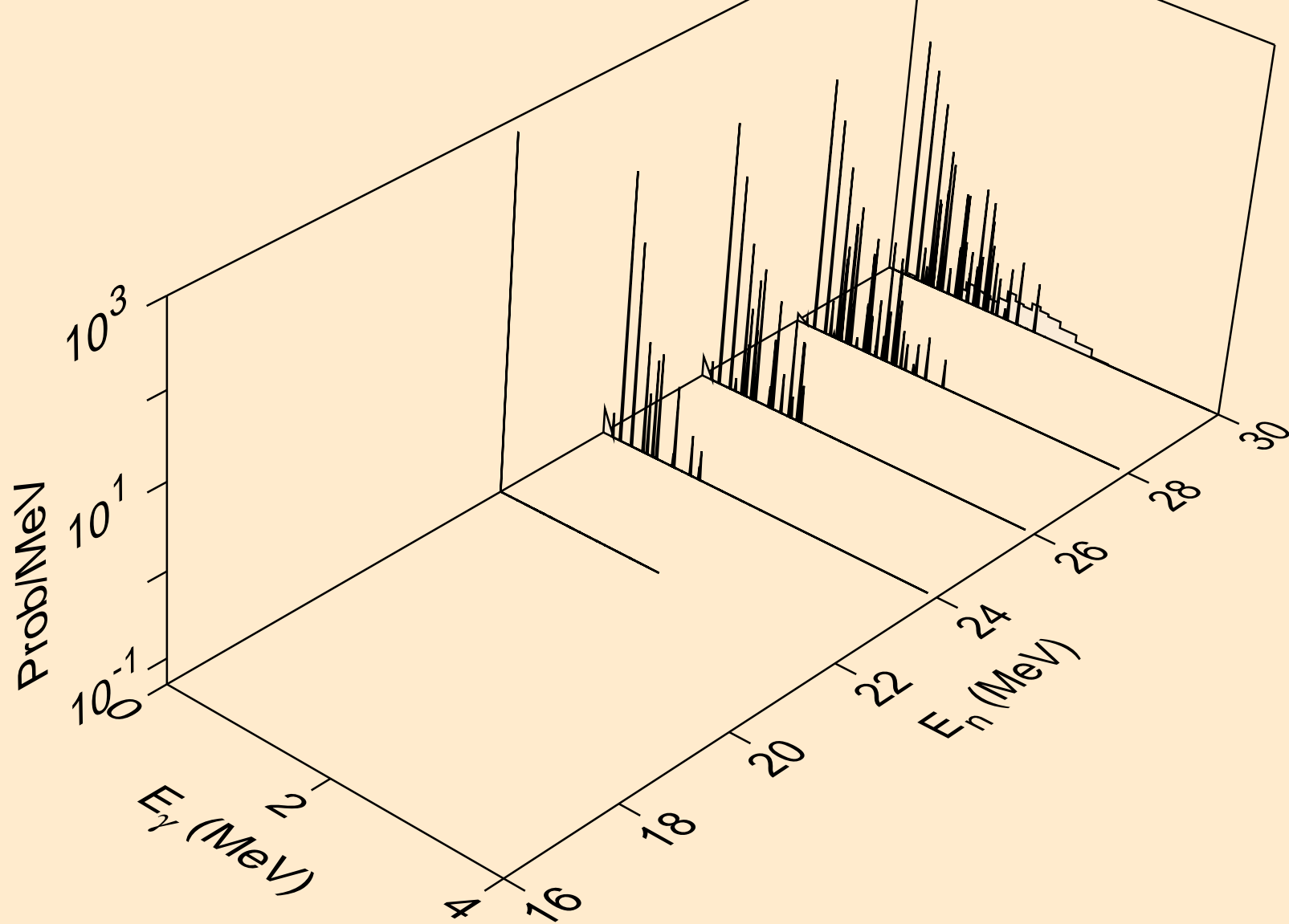
ZR098 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for inelastic



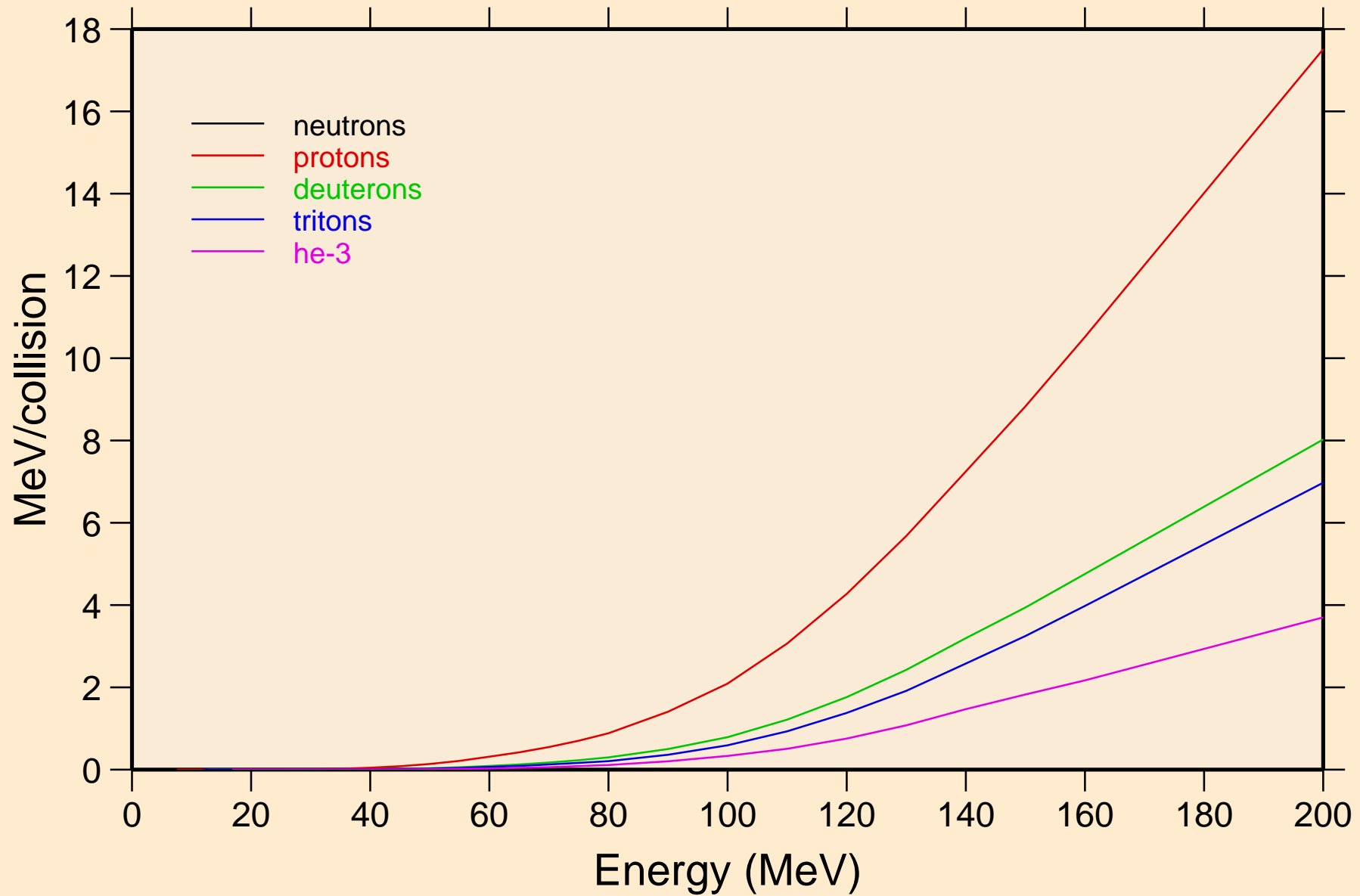
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Photon emission for (n,2a)



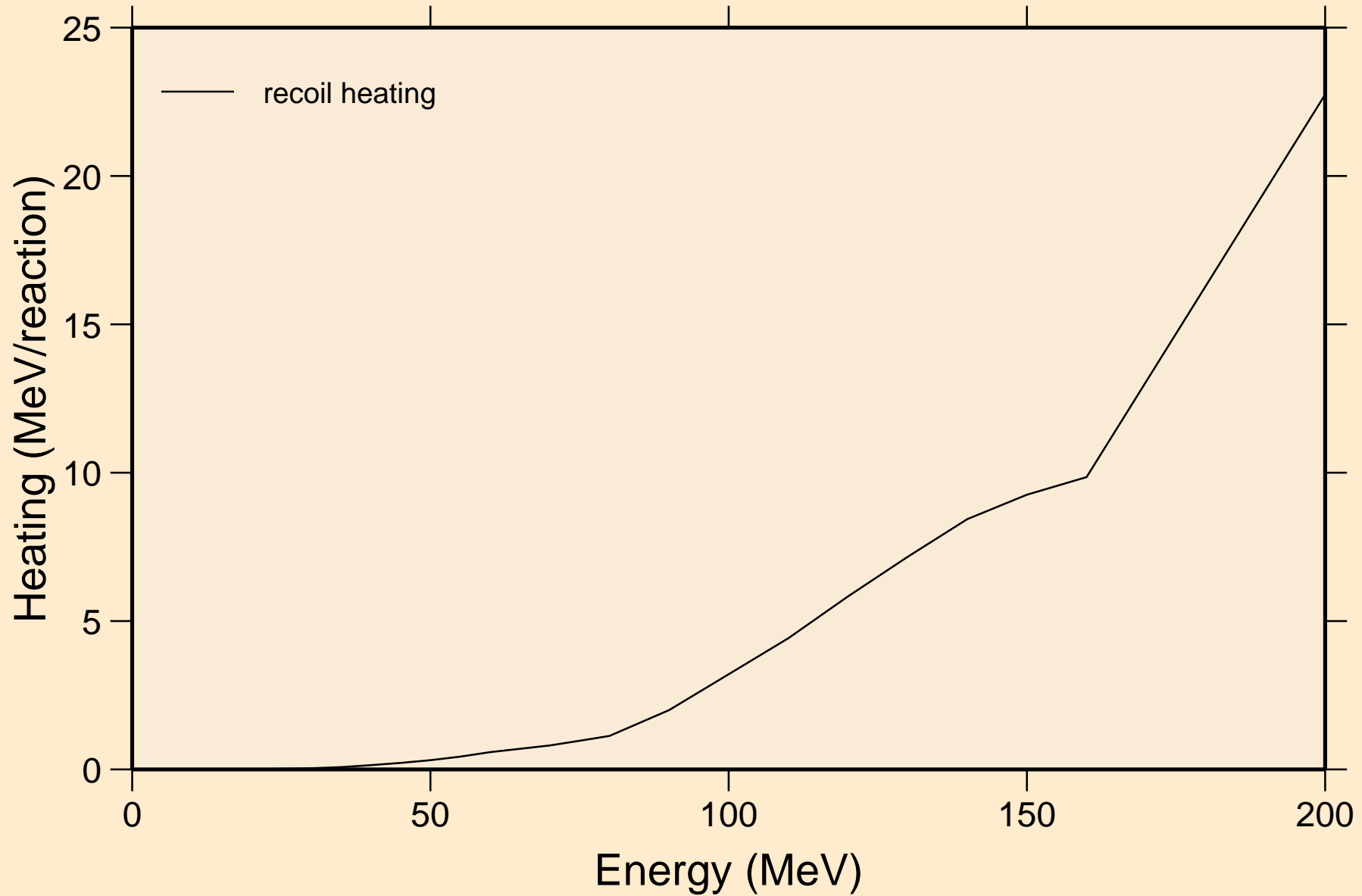
ZR098 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2p)



ZR098 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Particle heating contributions

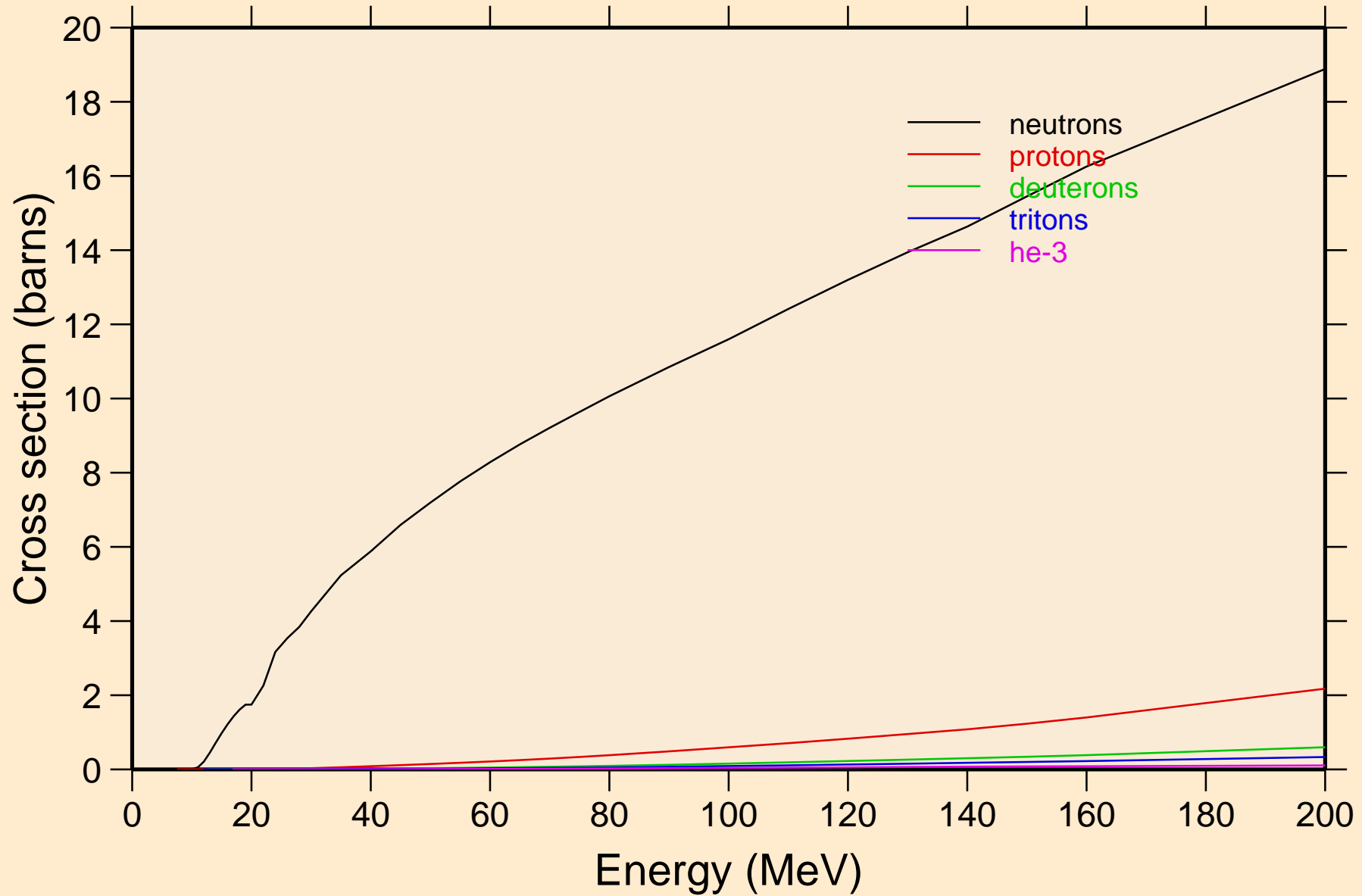


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Recoil Heating

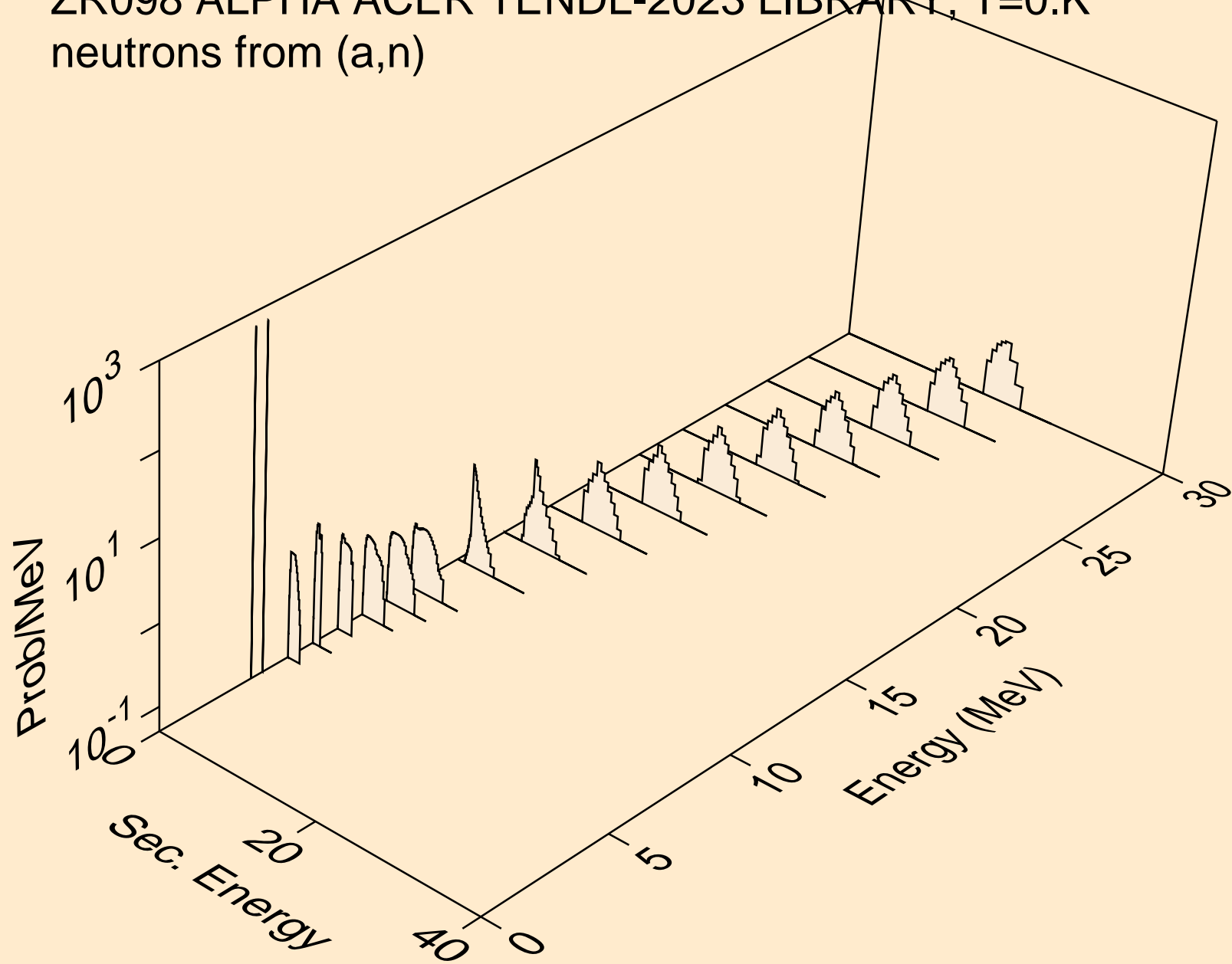


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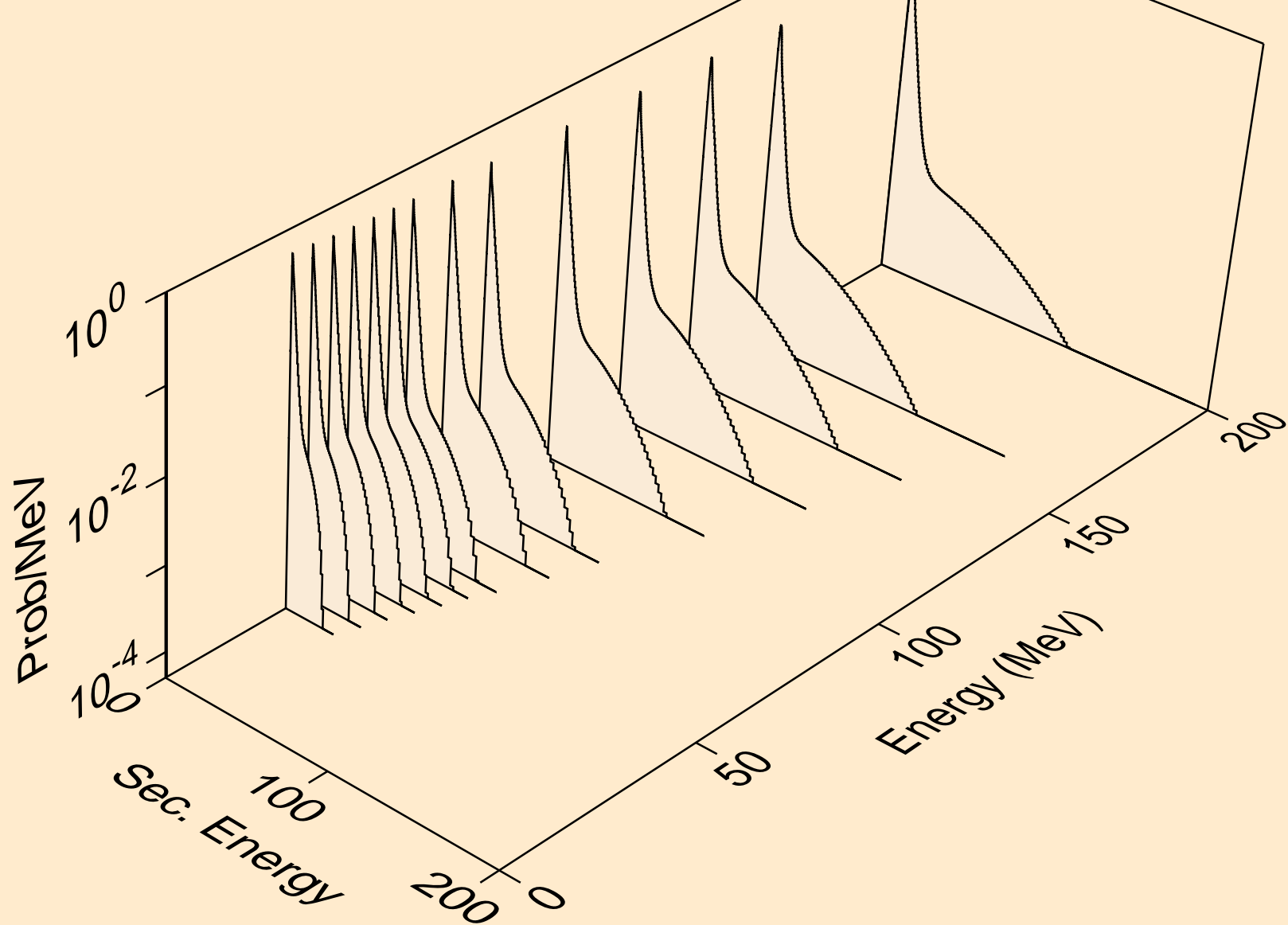
Particle production cross sections



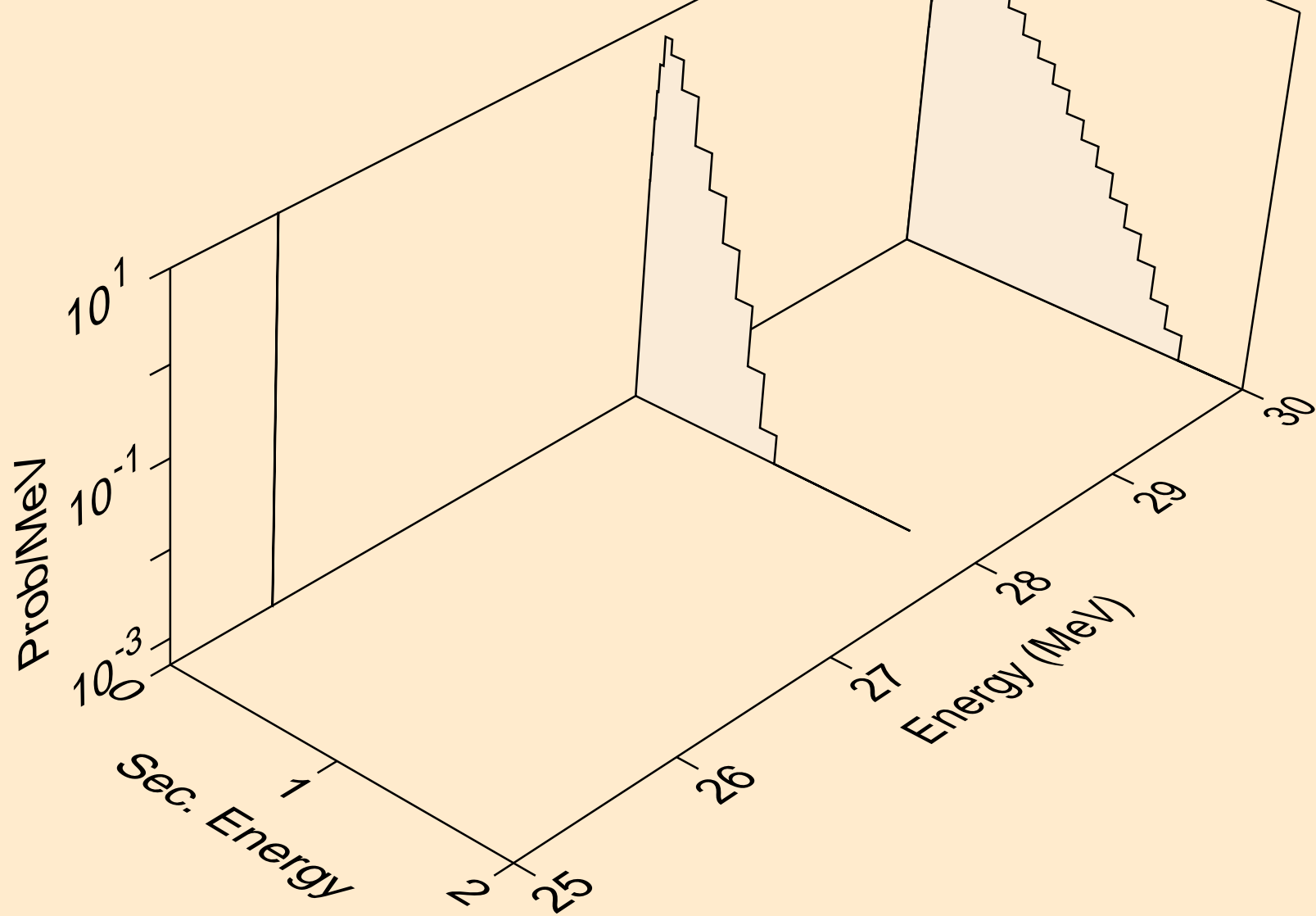
ZR098 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n)



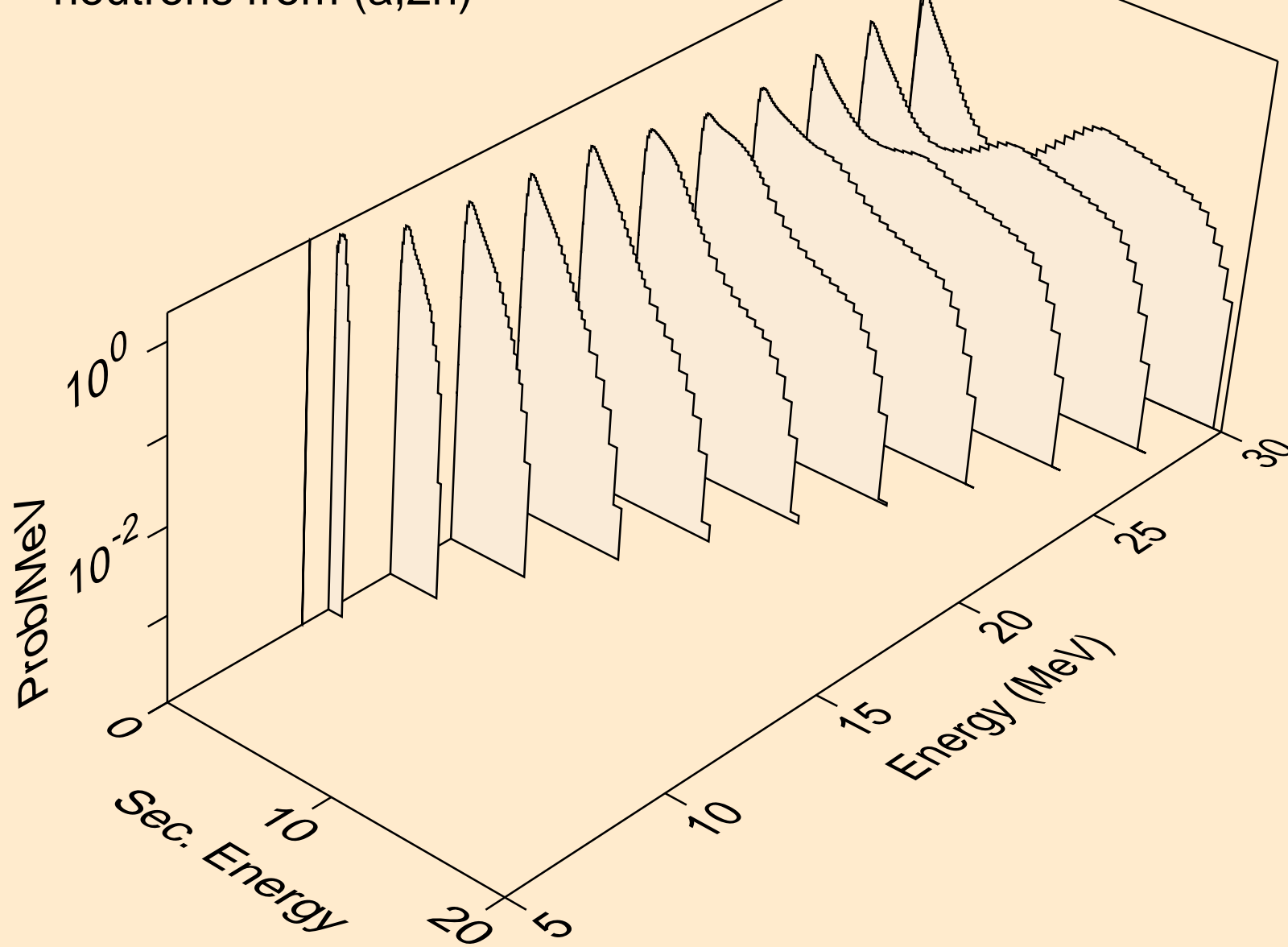
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neutrons from (a,x)



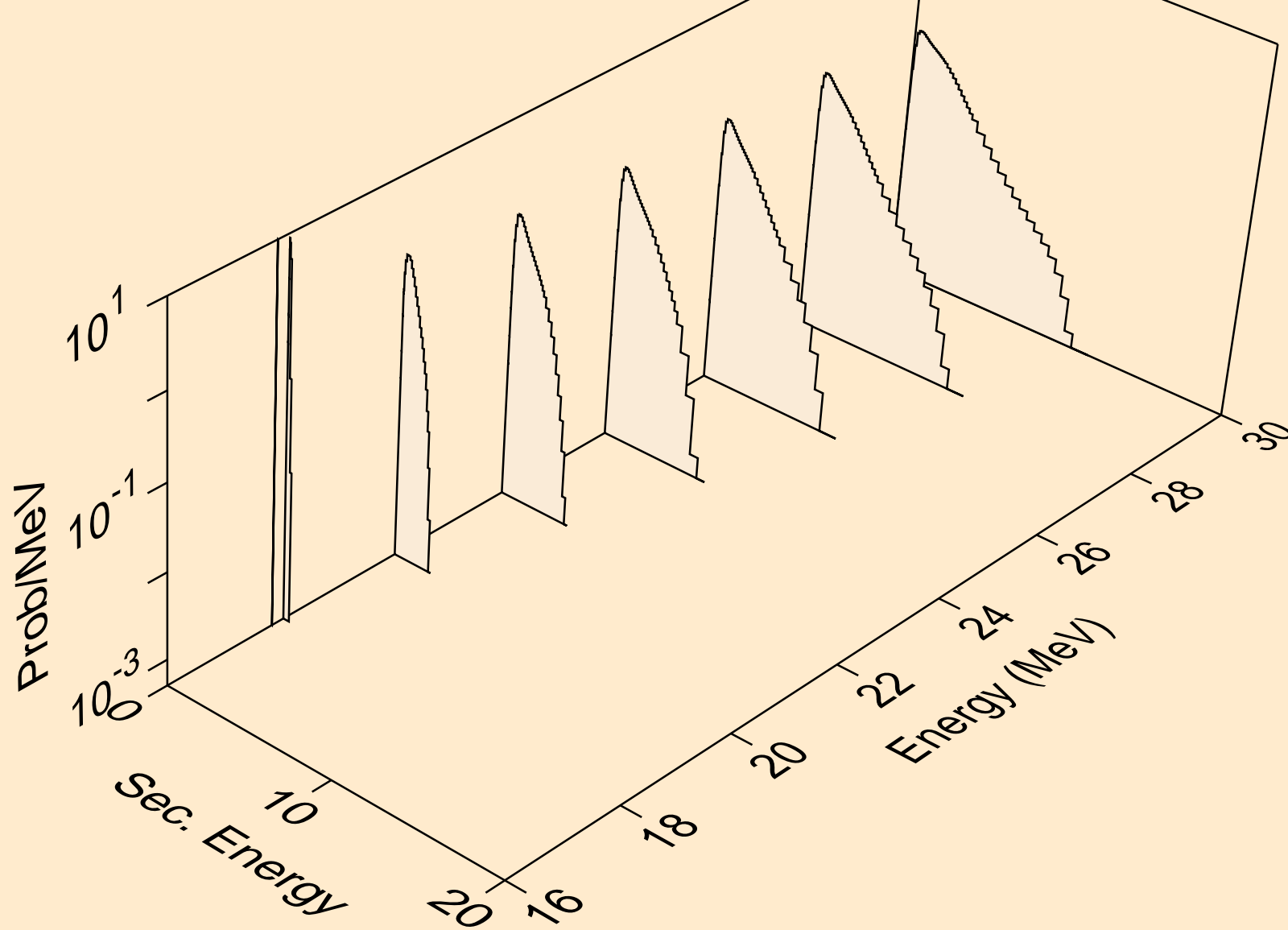
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neutrons from (a,2nd)



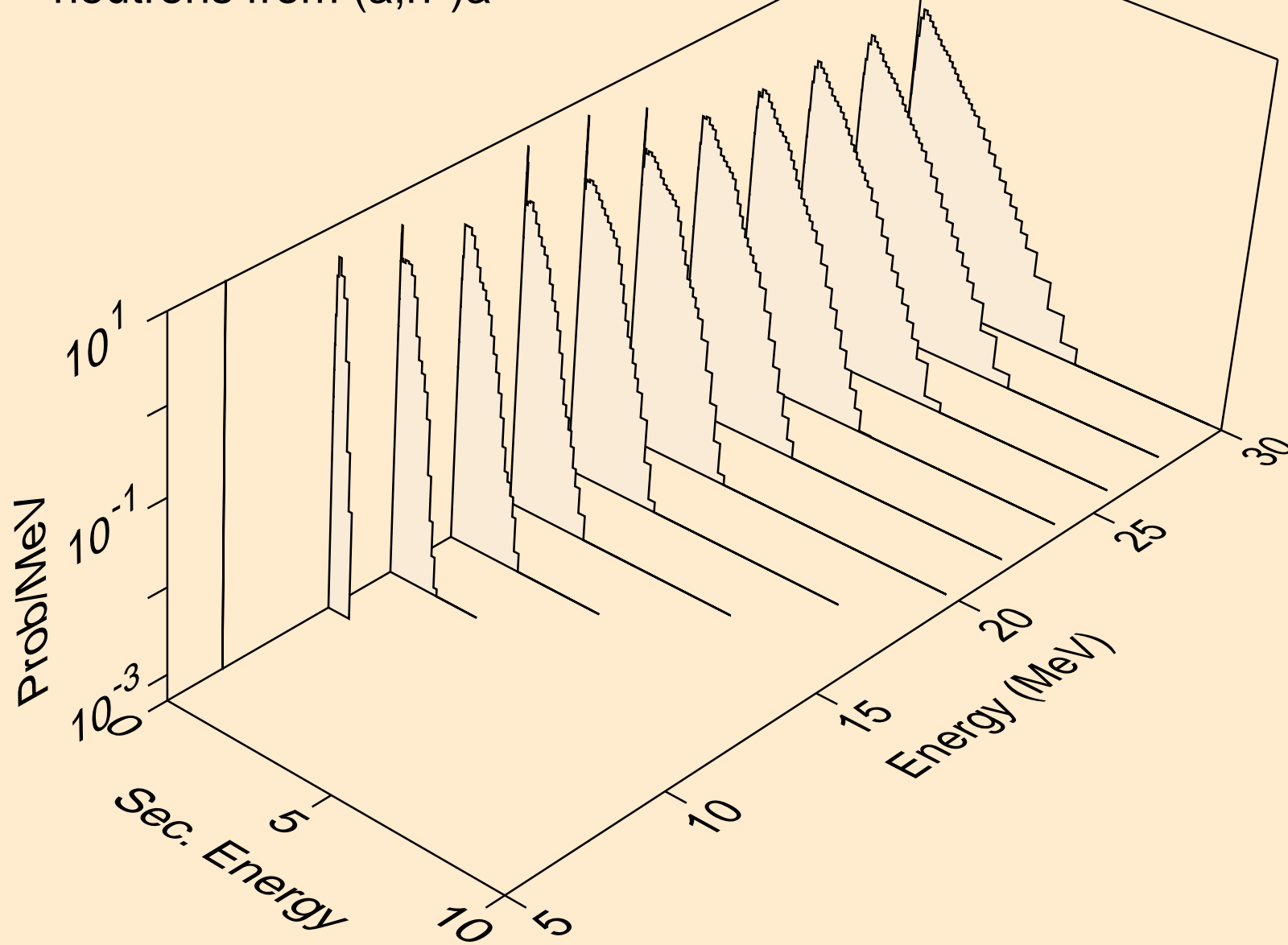
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neutrons from (a,2n)



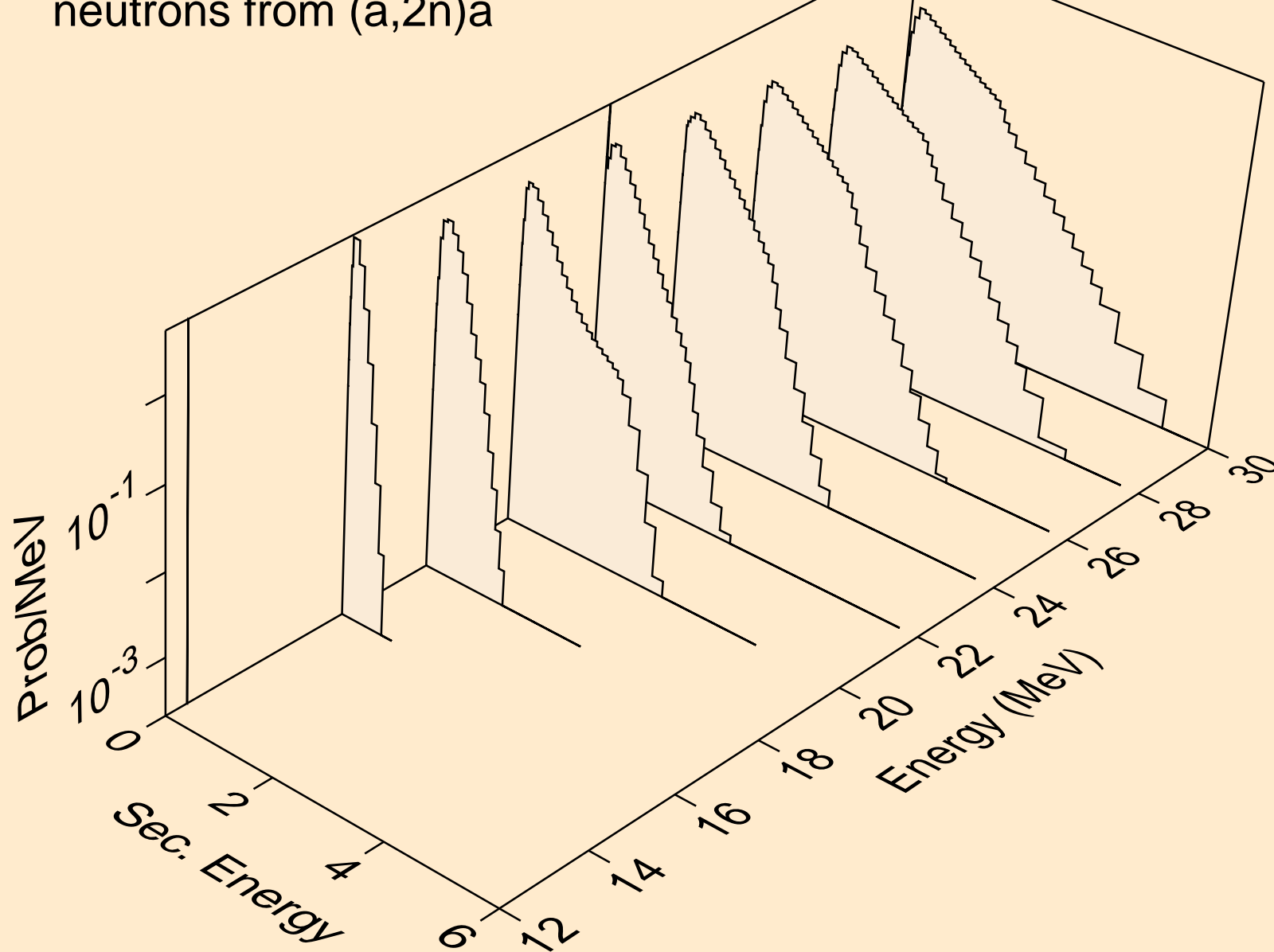
ZR098 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,3n)



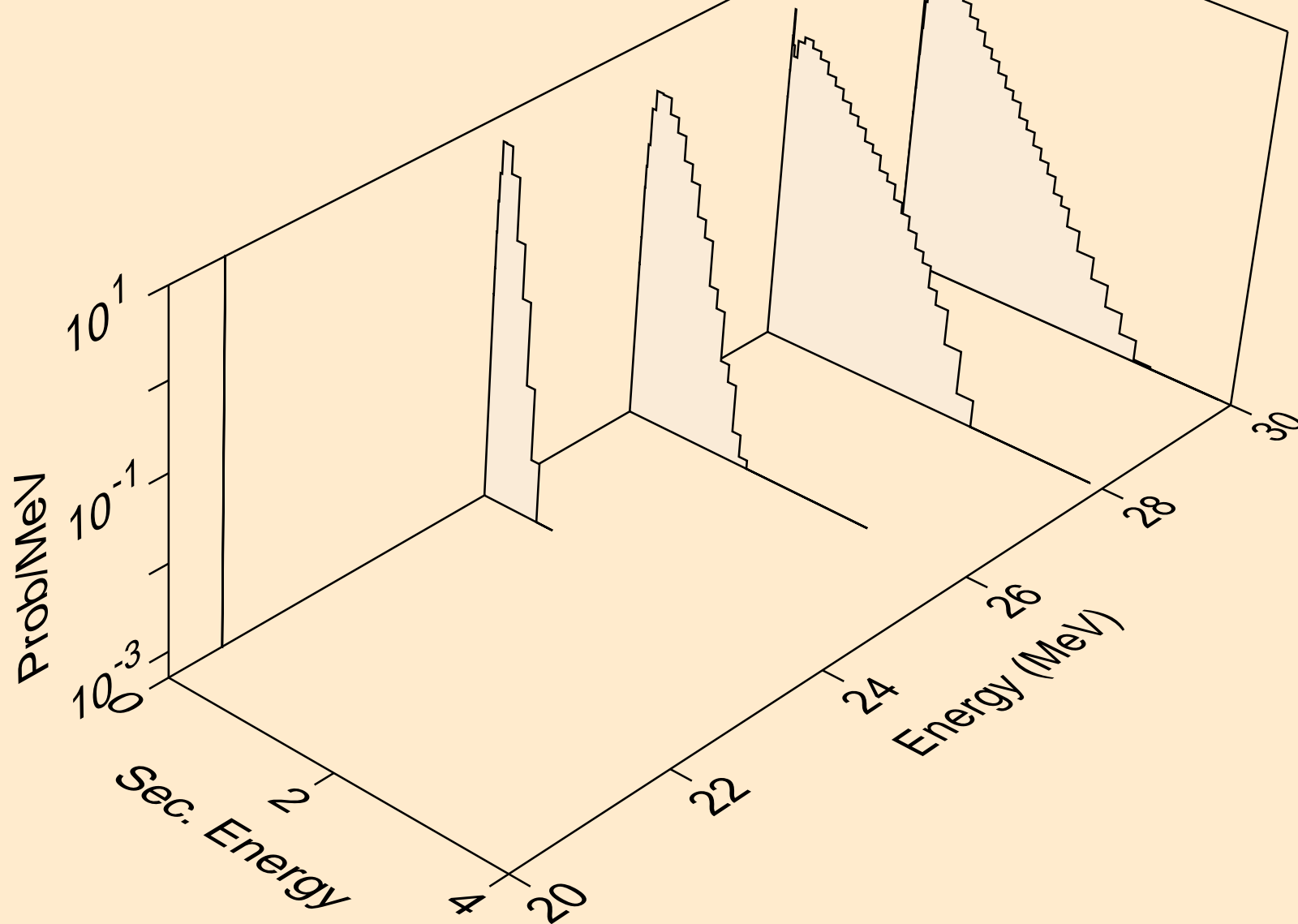
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neutrons from (a,n*)a



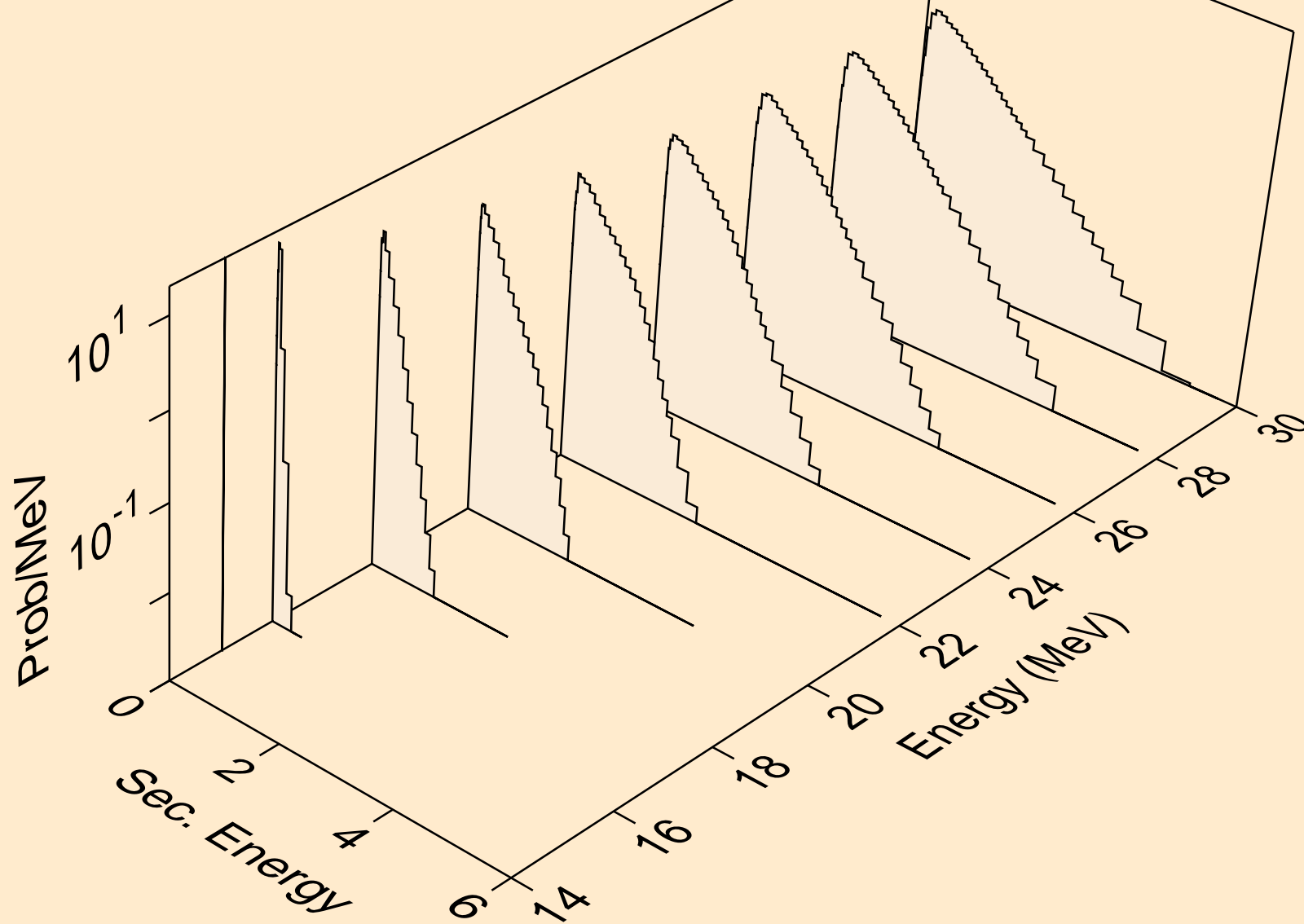
ZR098 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,2n)a



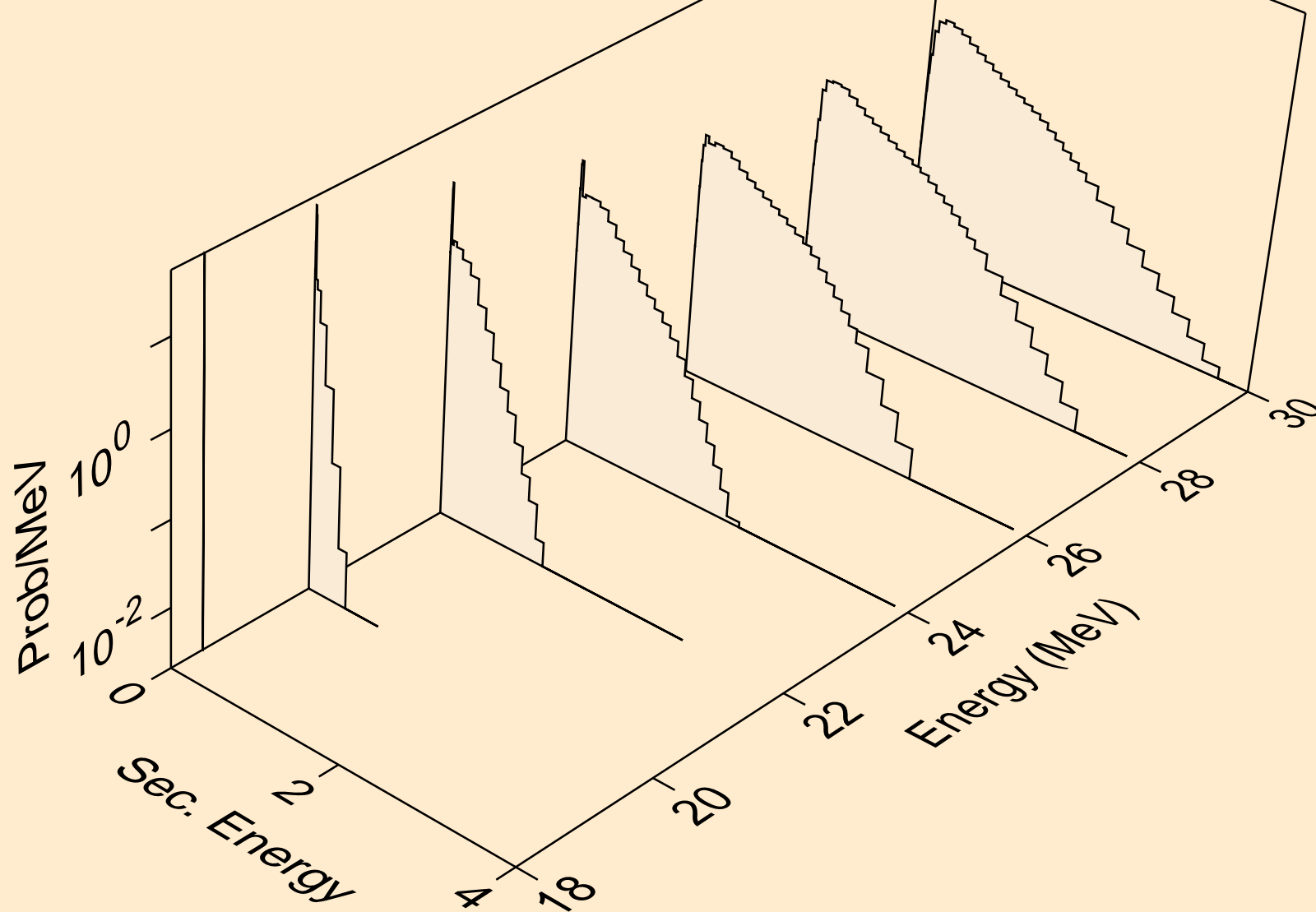
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neutrons from (a,3n)a



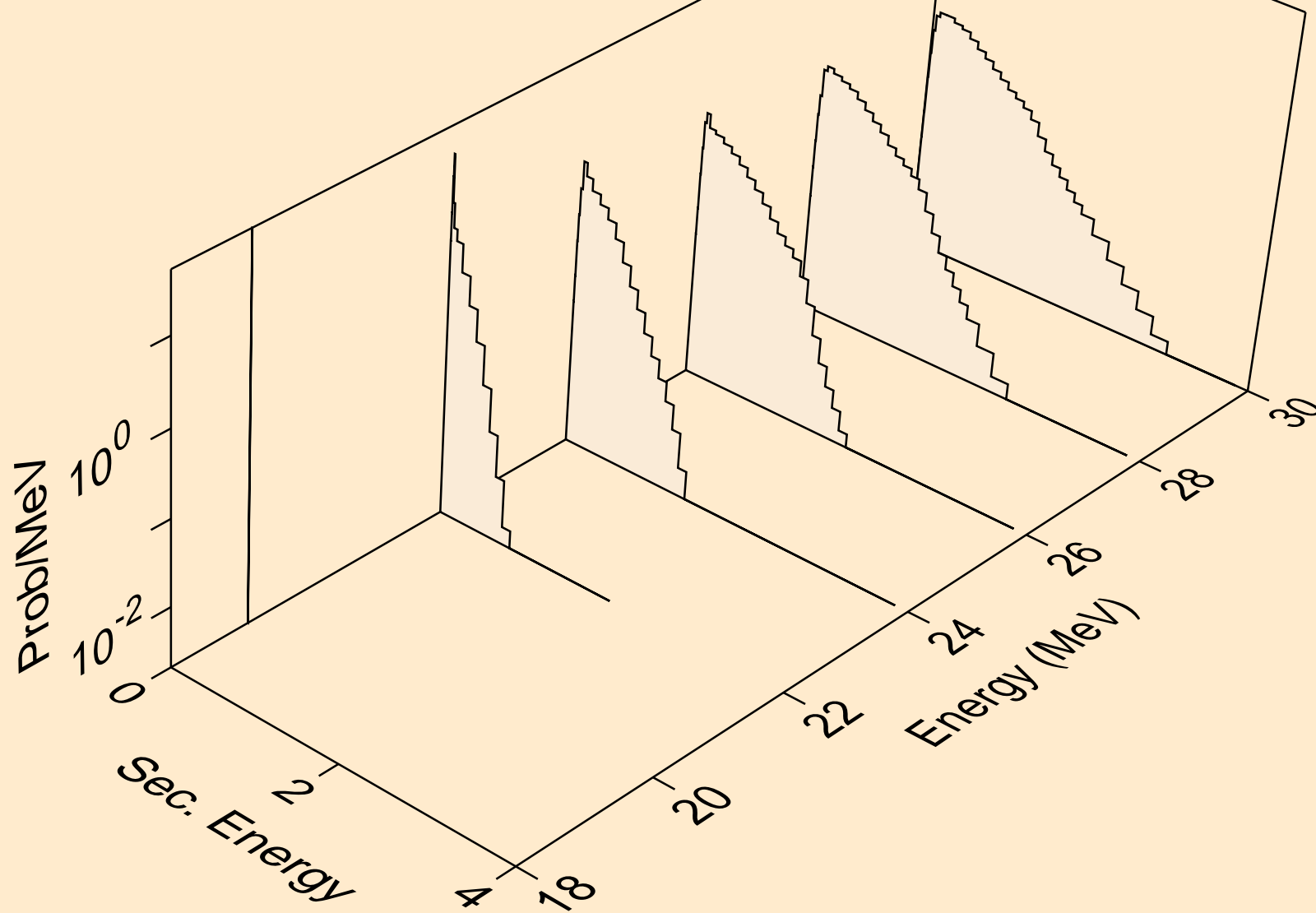
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neutrons from (a,n*)p



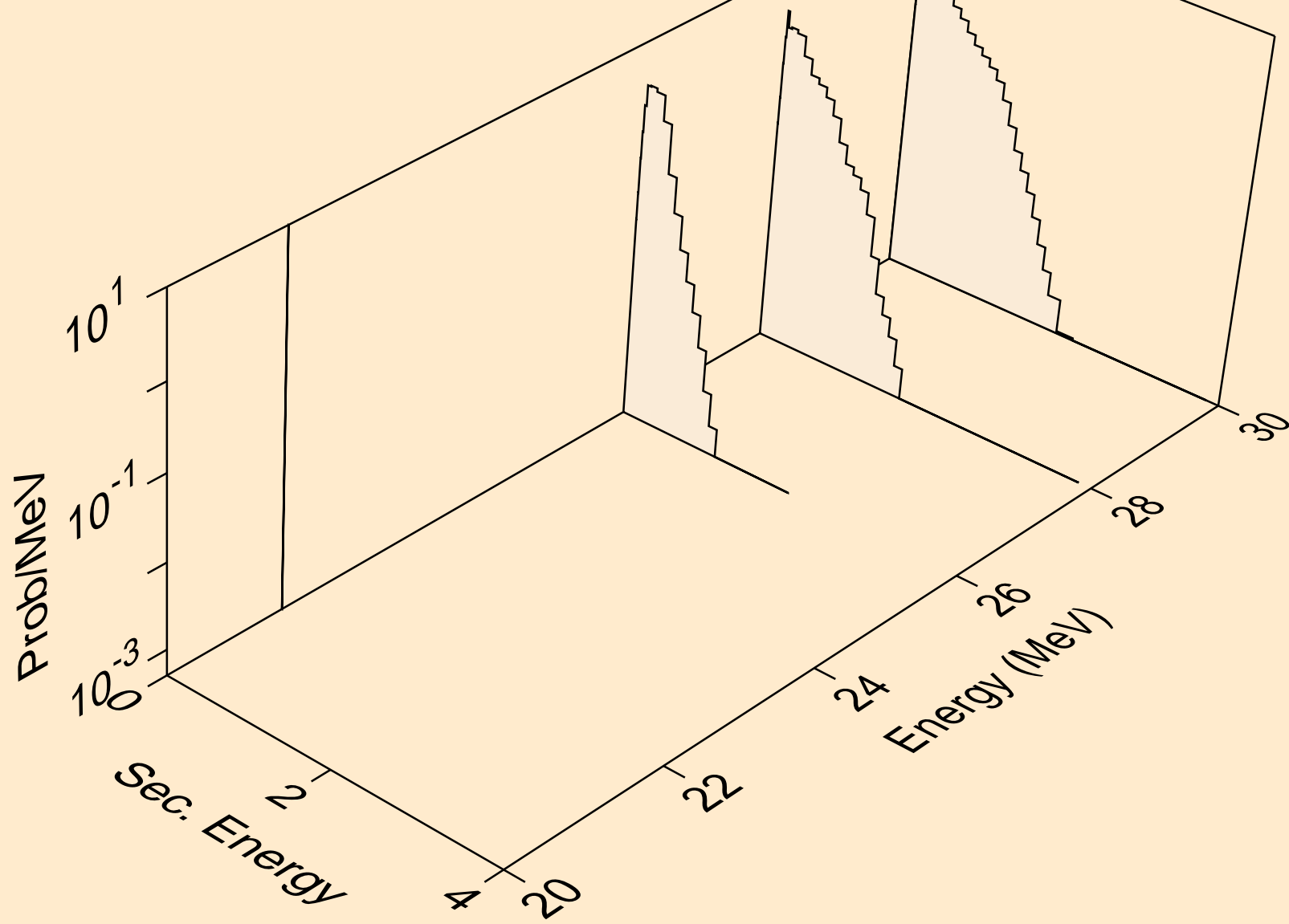
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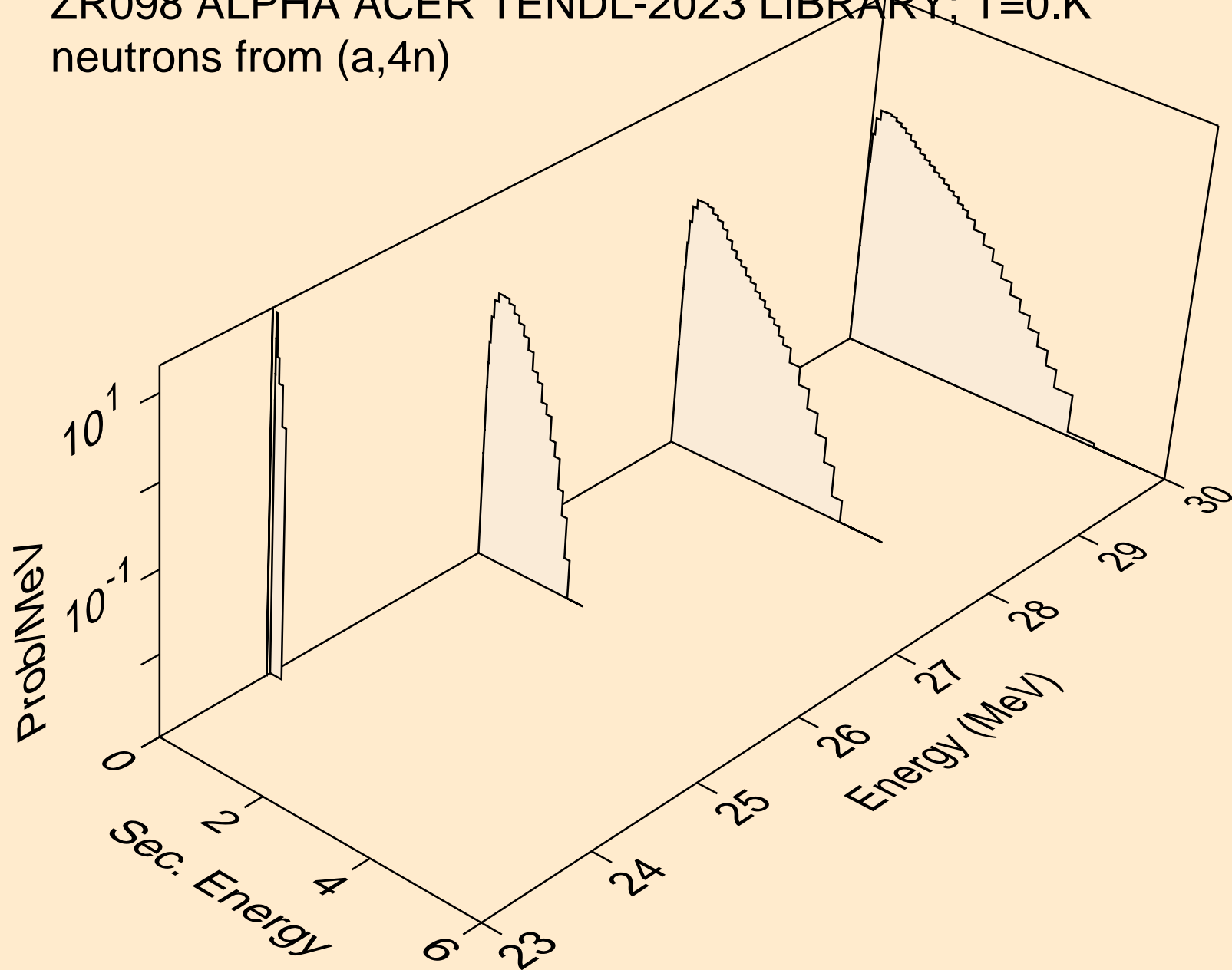
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neutrons from (a,n*)t



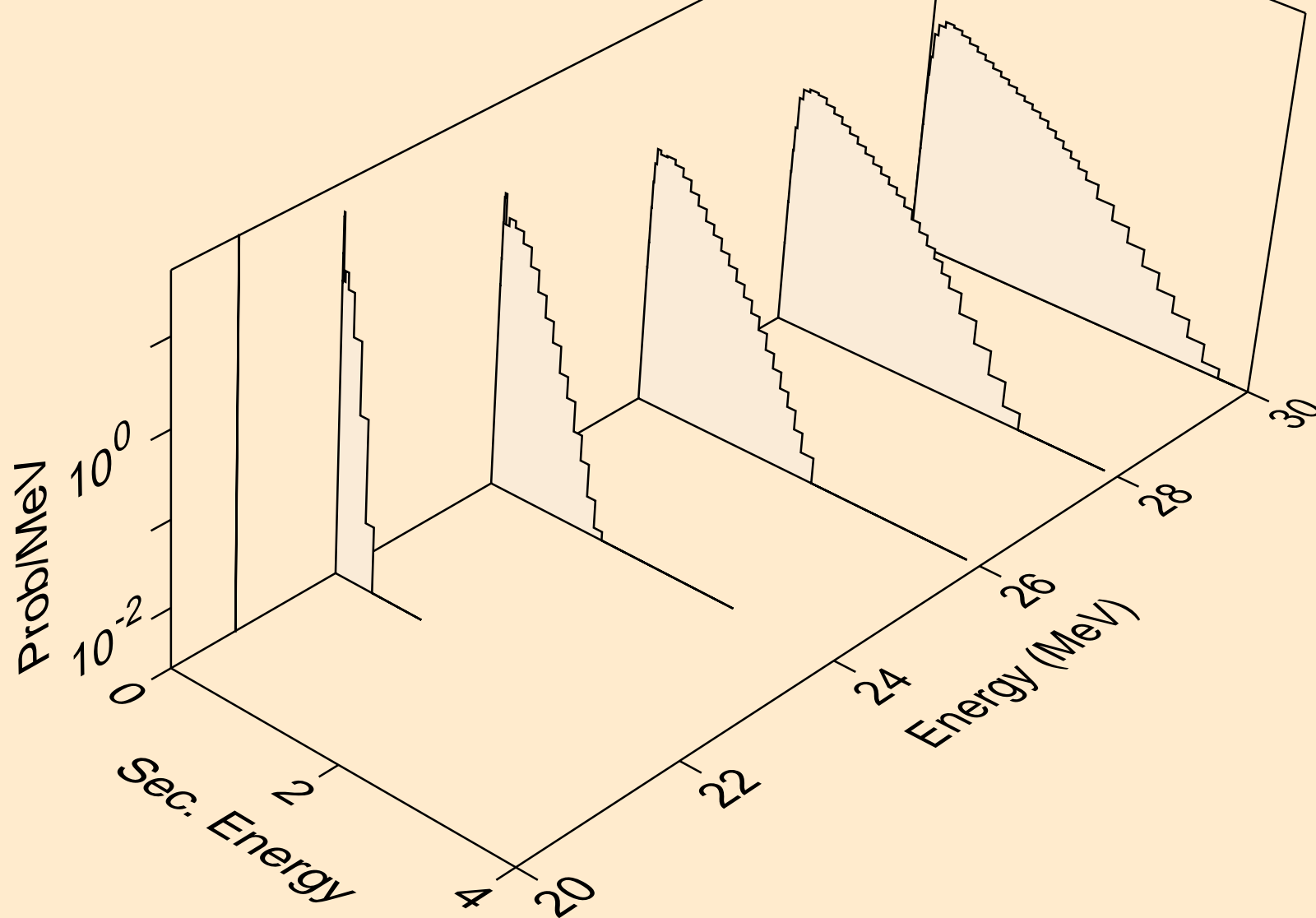
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neutrons from (a,n*)he3



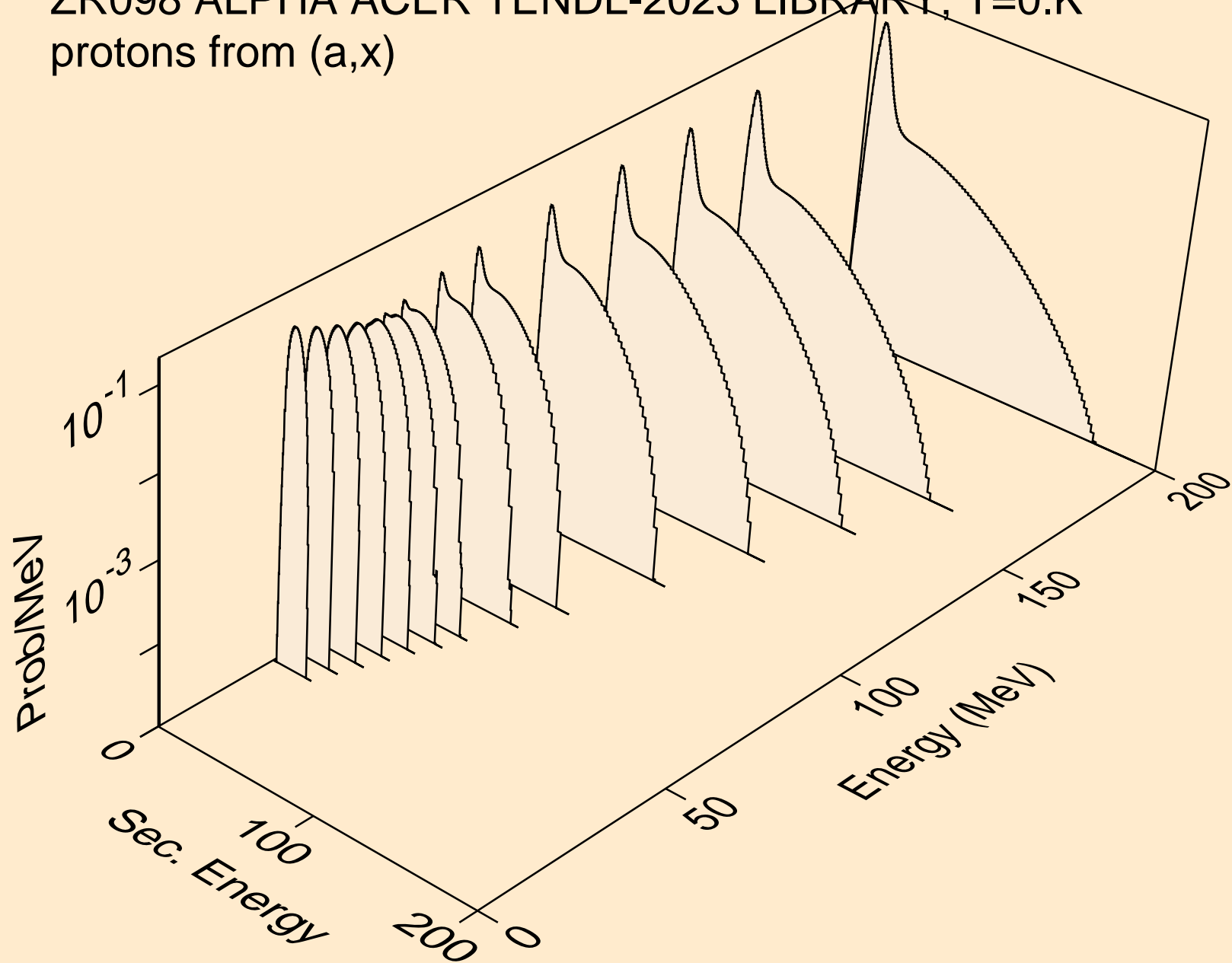
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neutrons from (a,4n)



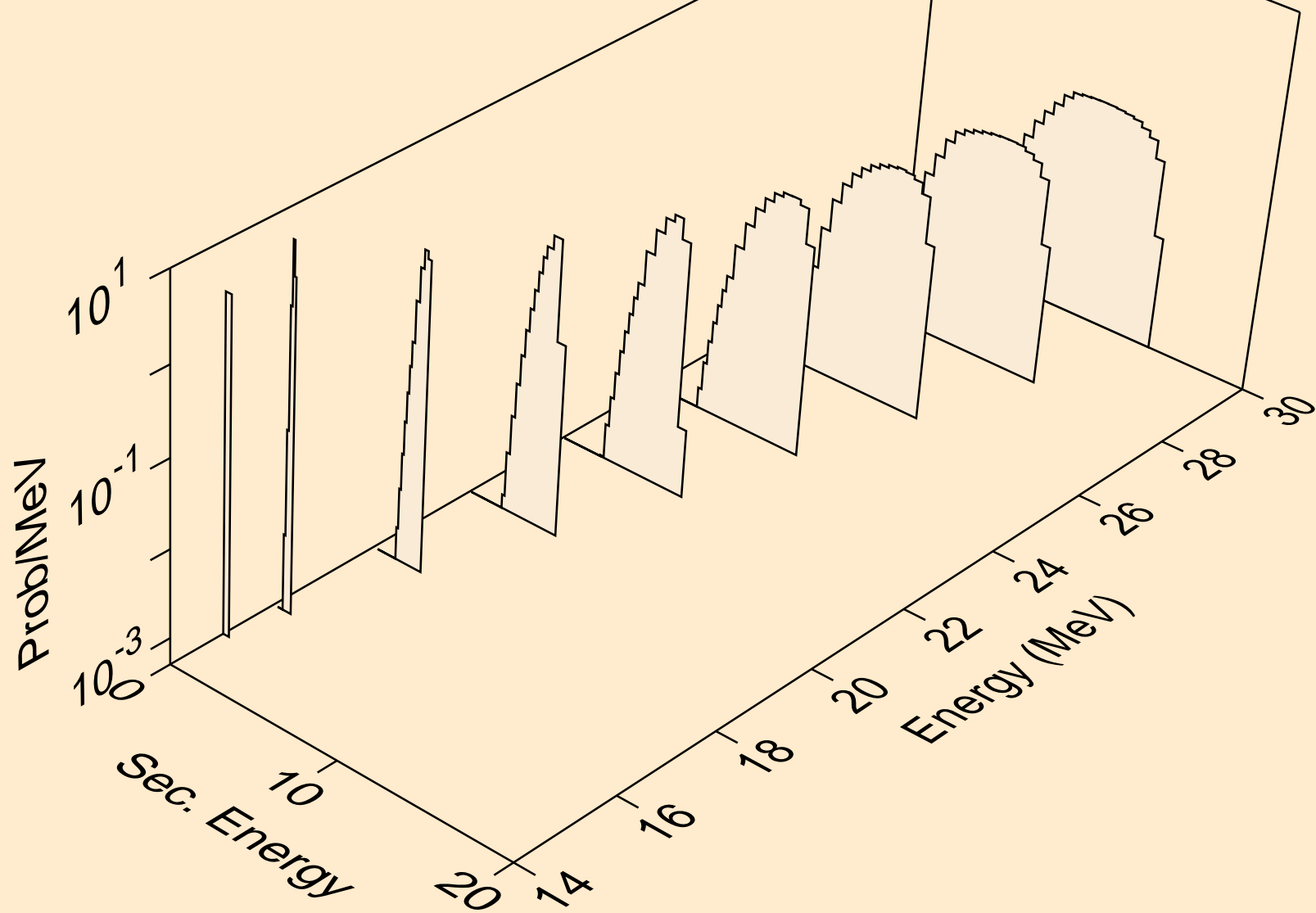
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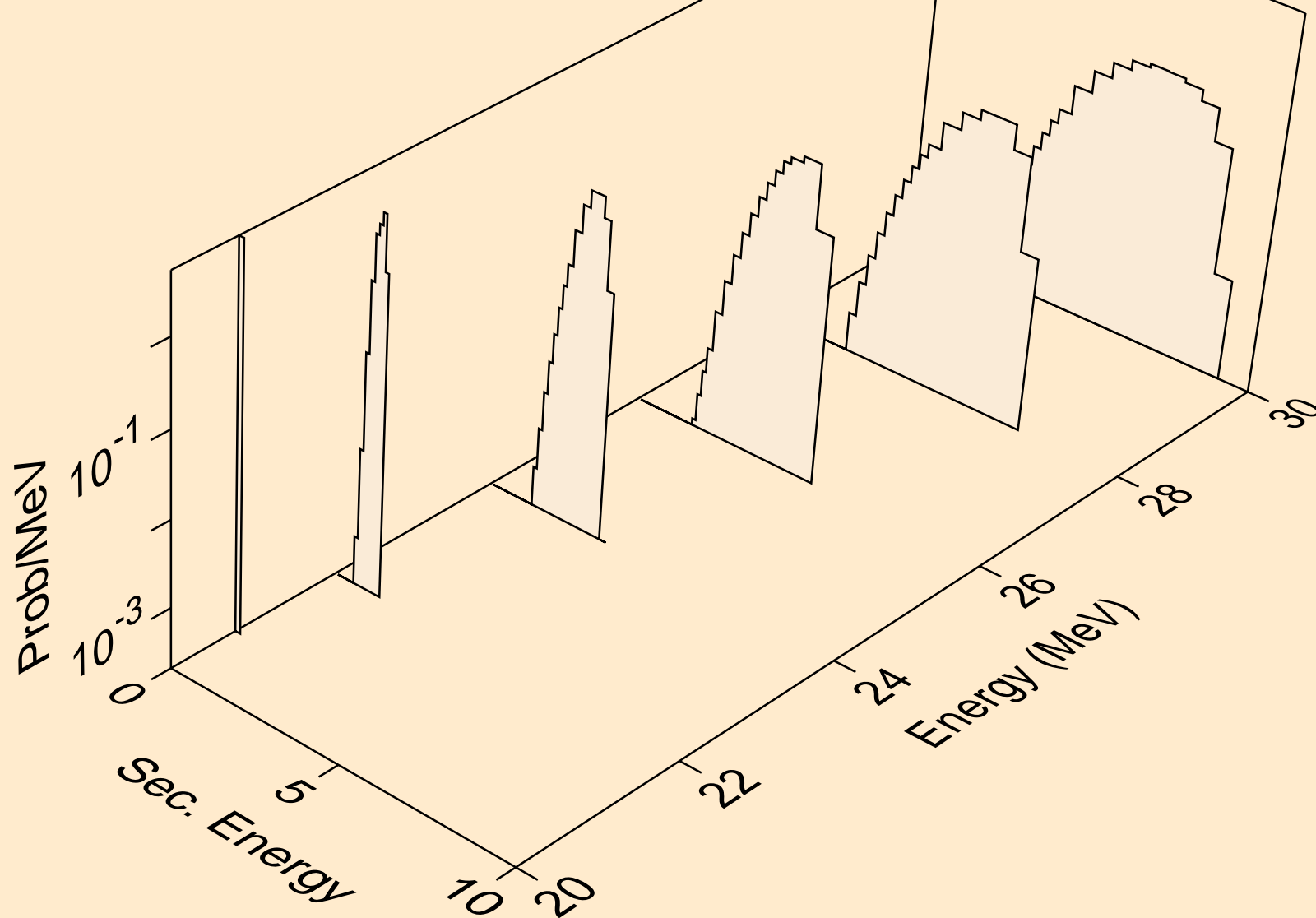
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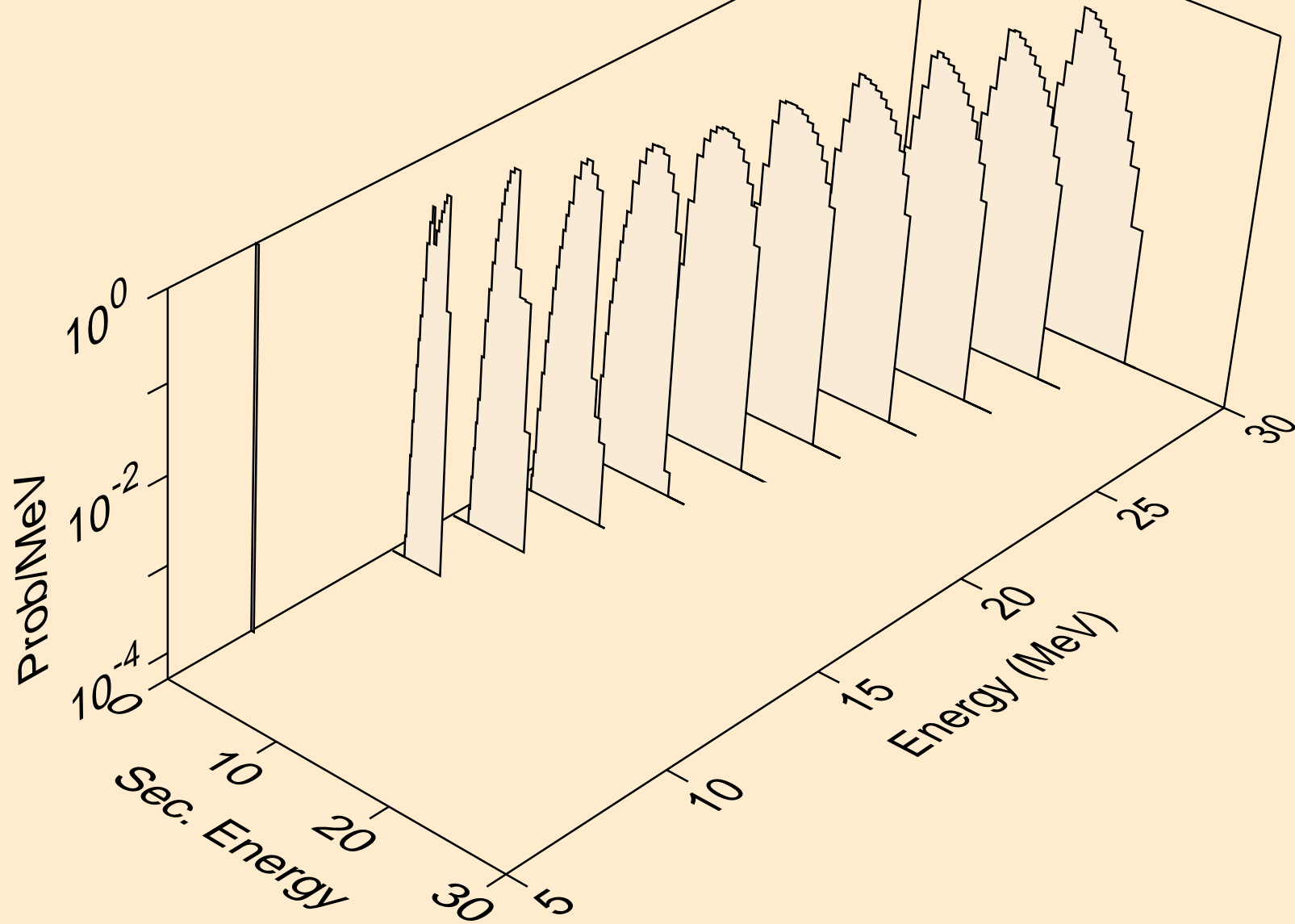
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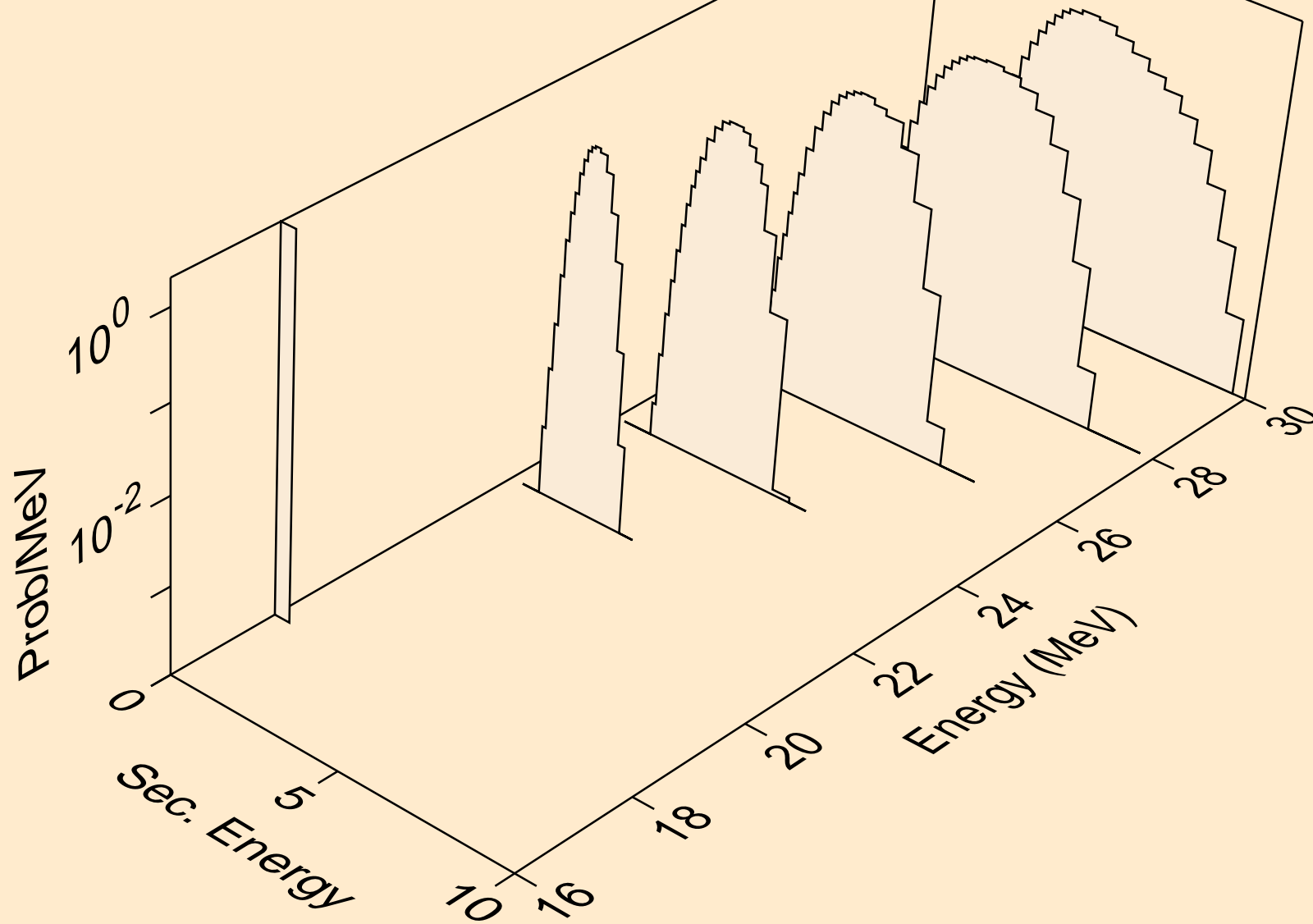
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protons from (a,2np)



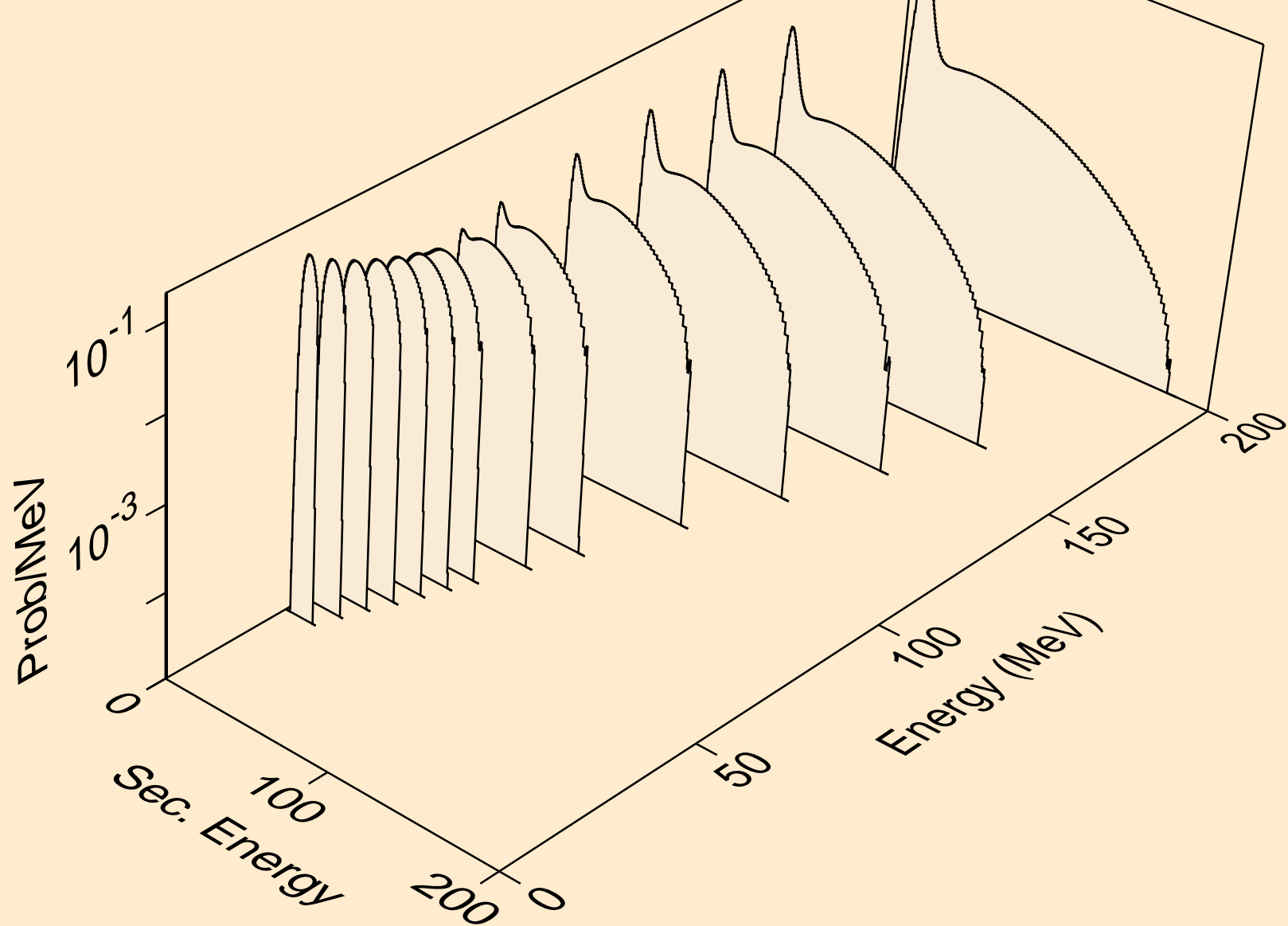
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protons from (a,p)



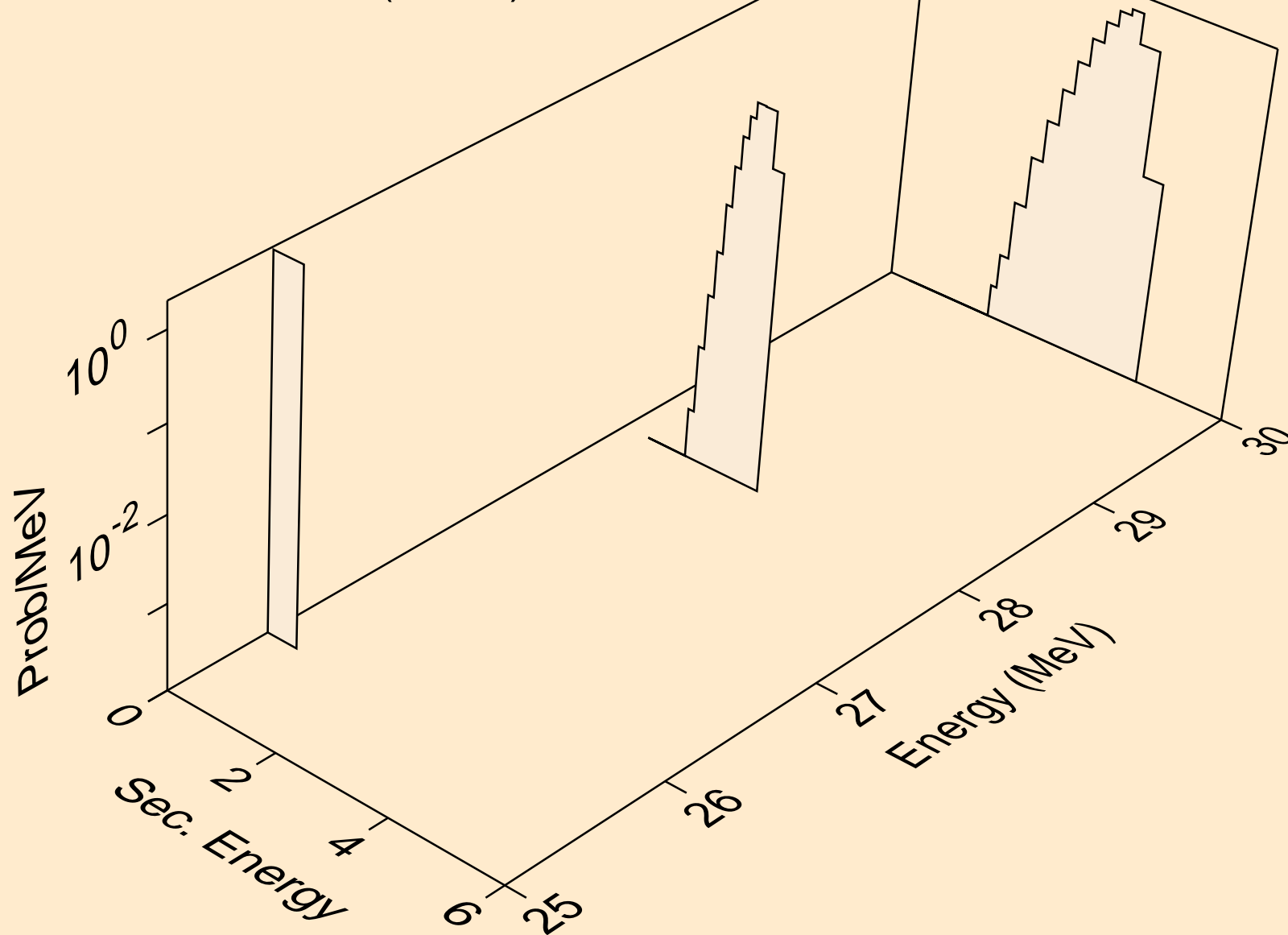
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protons from (a,2p)



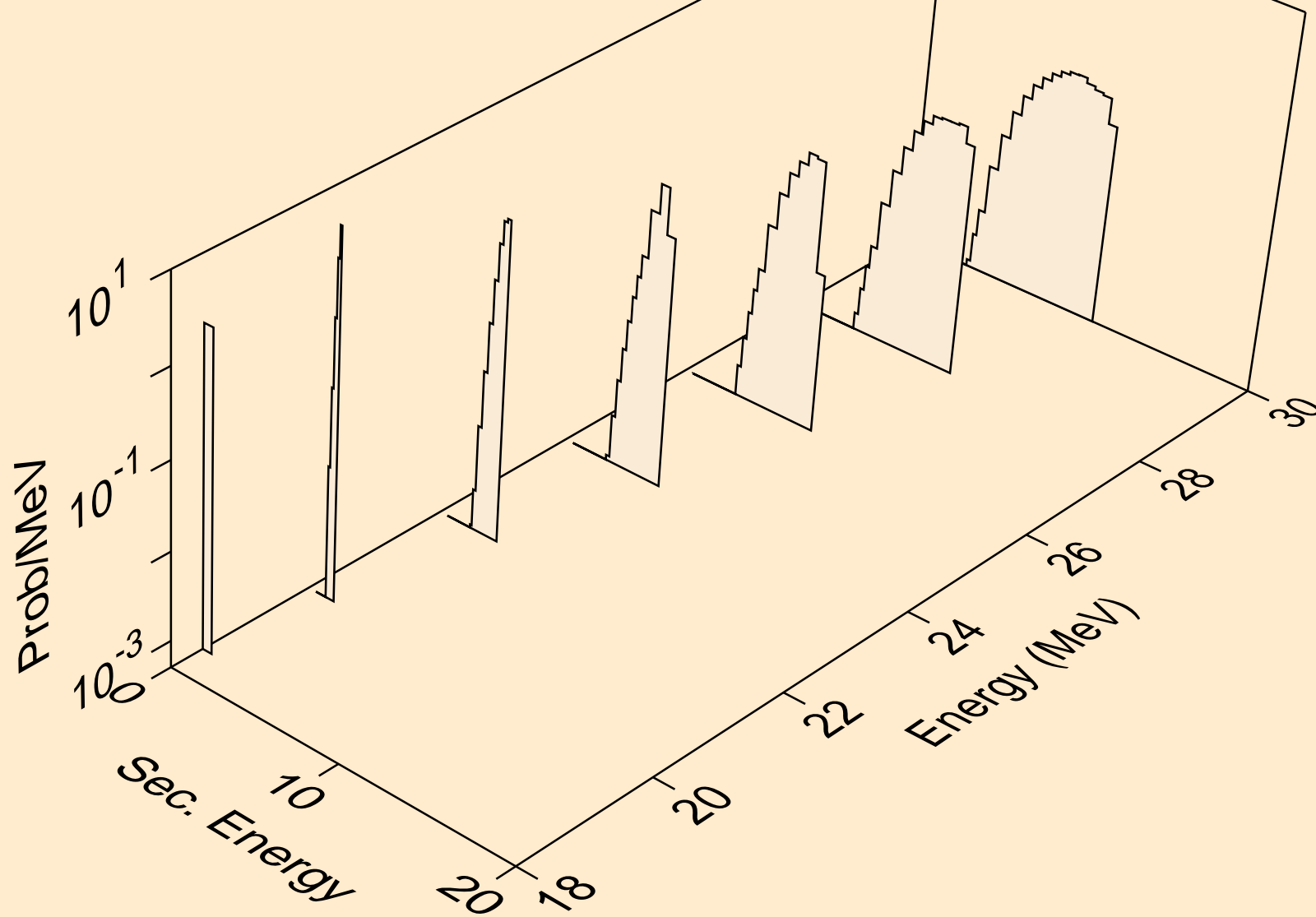
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deuterons from (a,x)



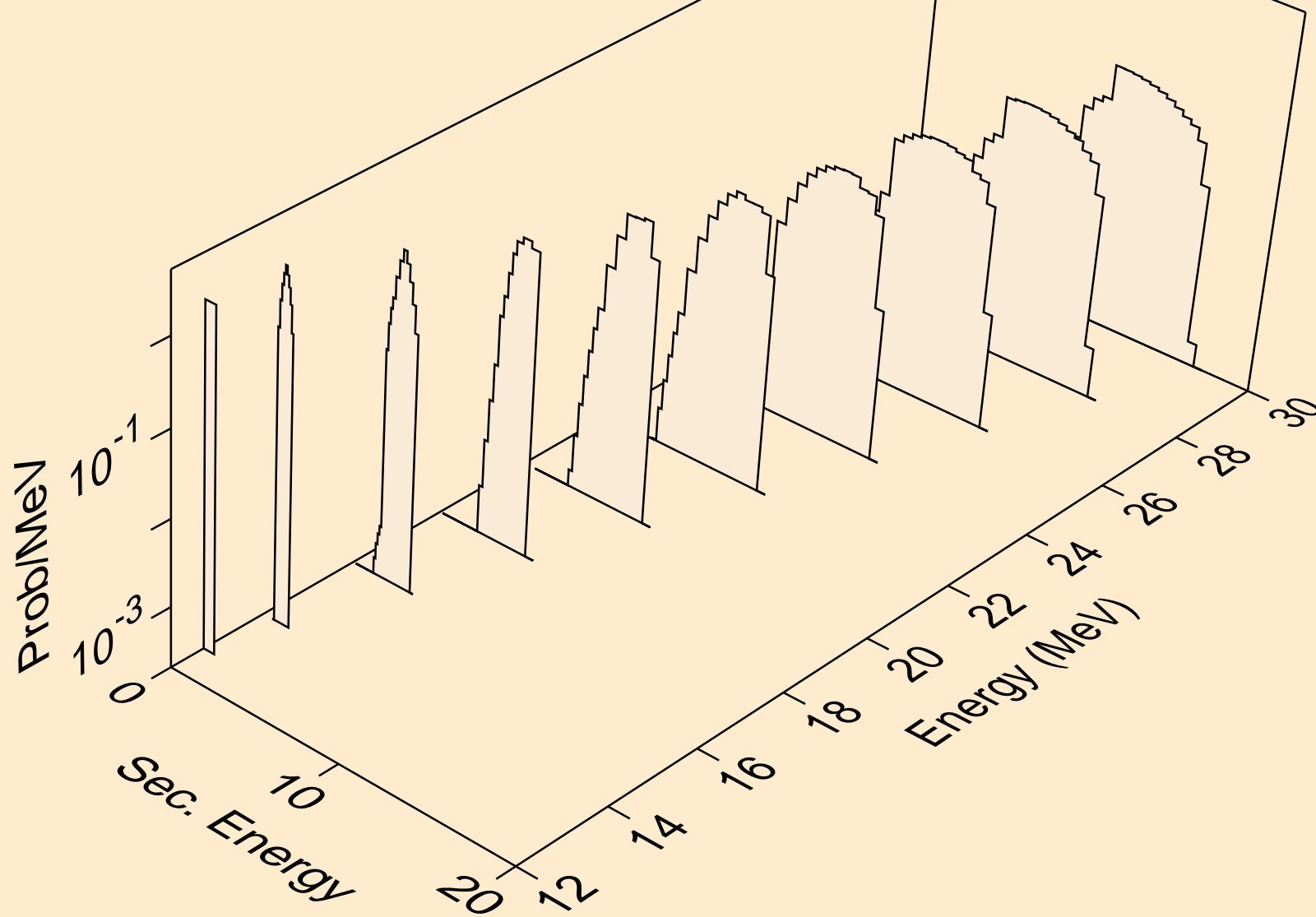
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deuterons from (a,2nd)



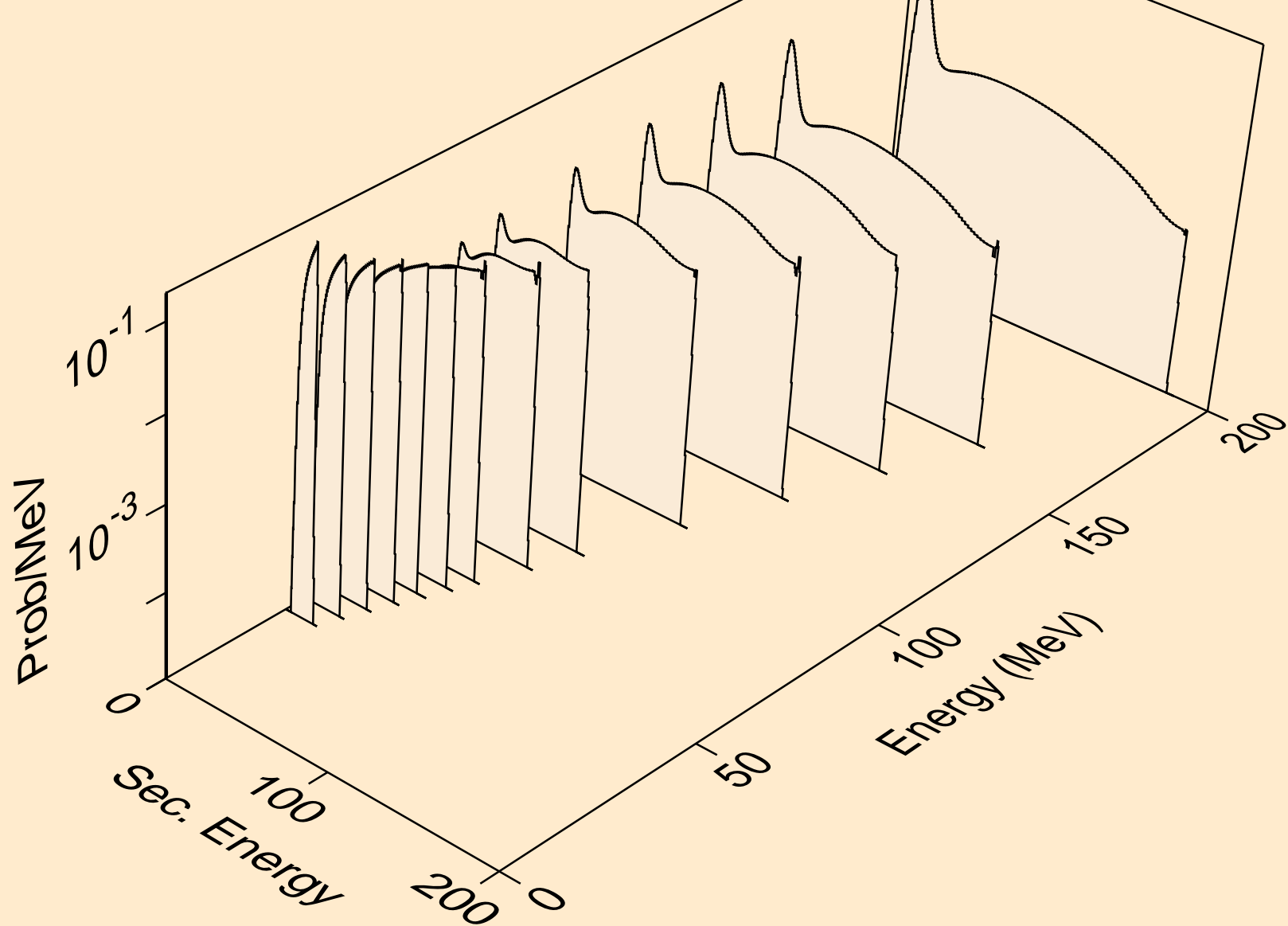
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deuterons from (a,n*)d



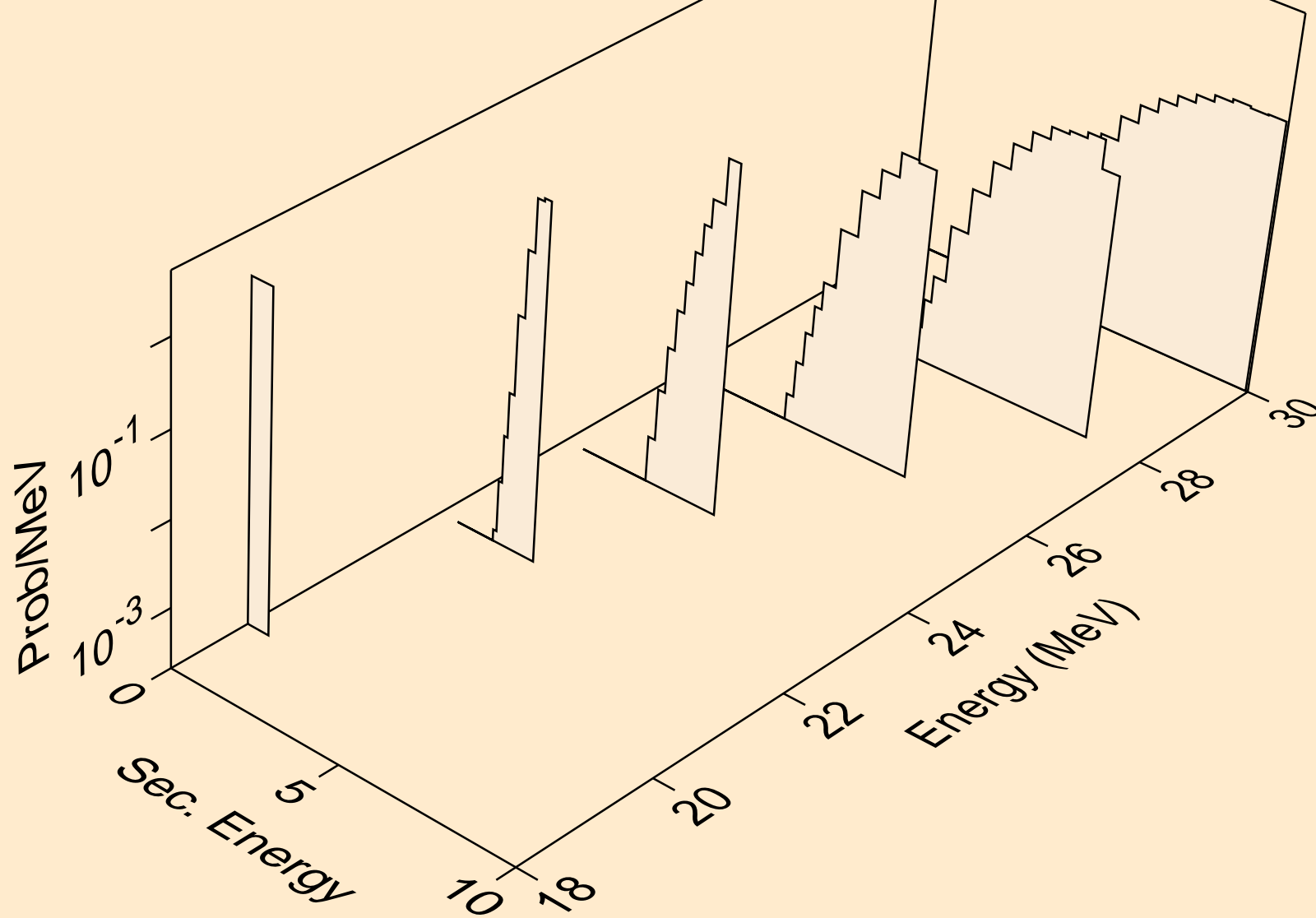
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deuterons from (a,d)



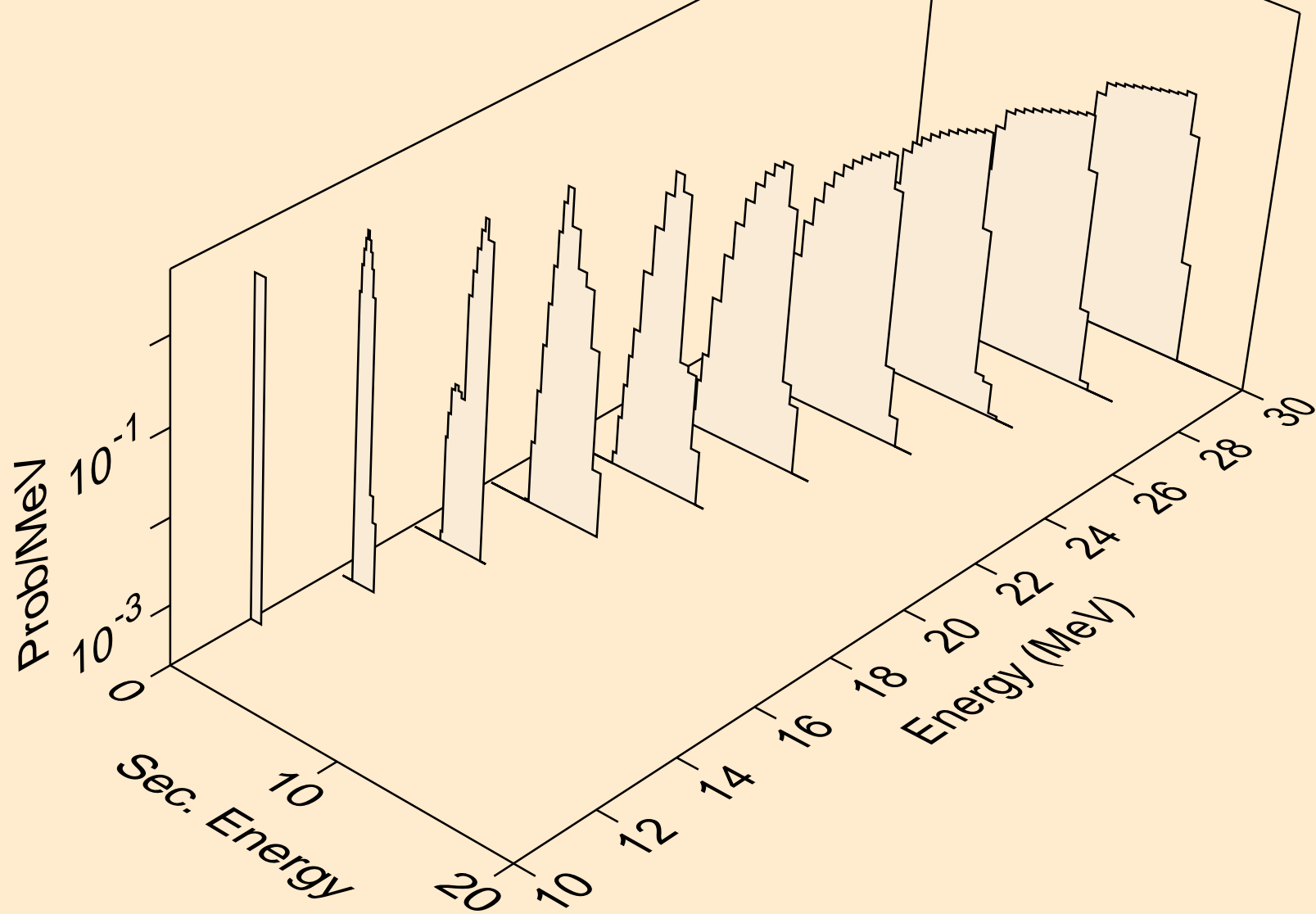
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tritons from (a,x)



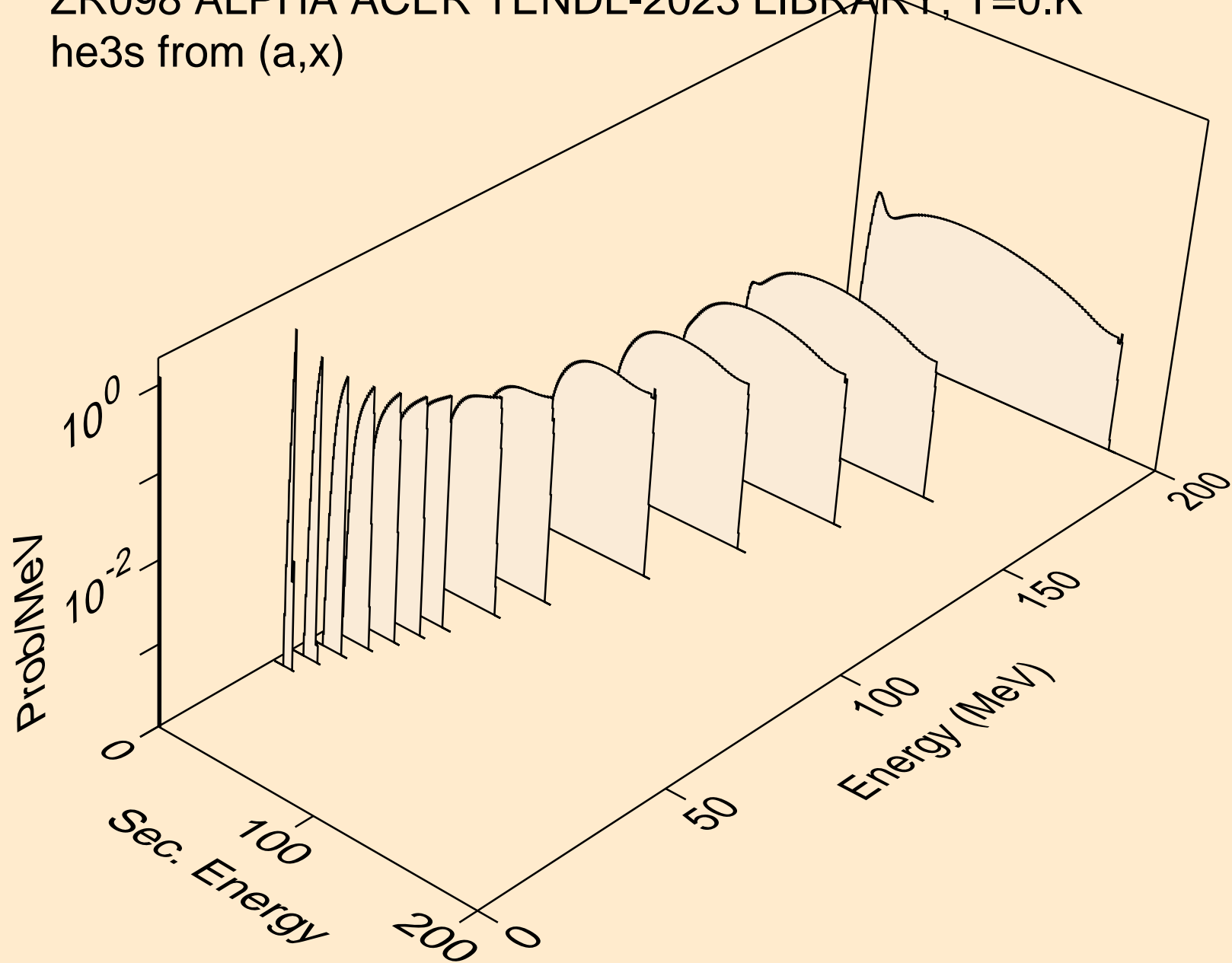
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tritons from (a,n*)t



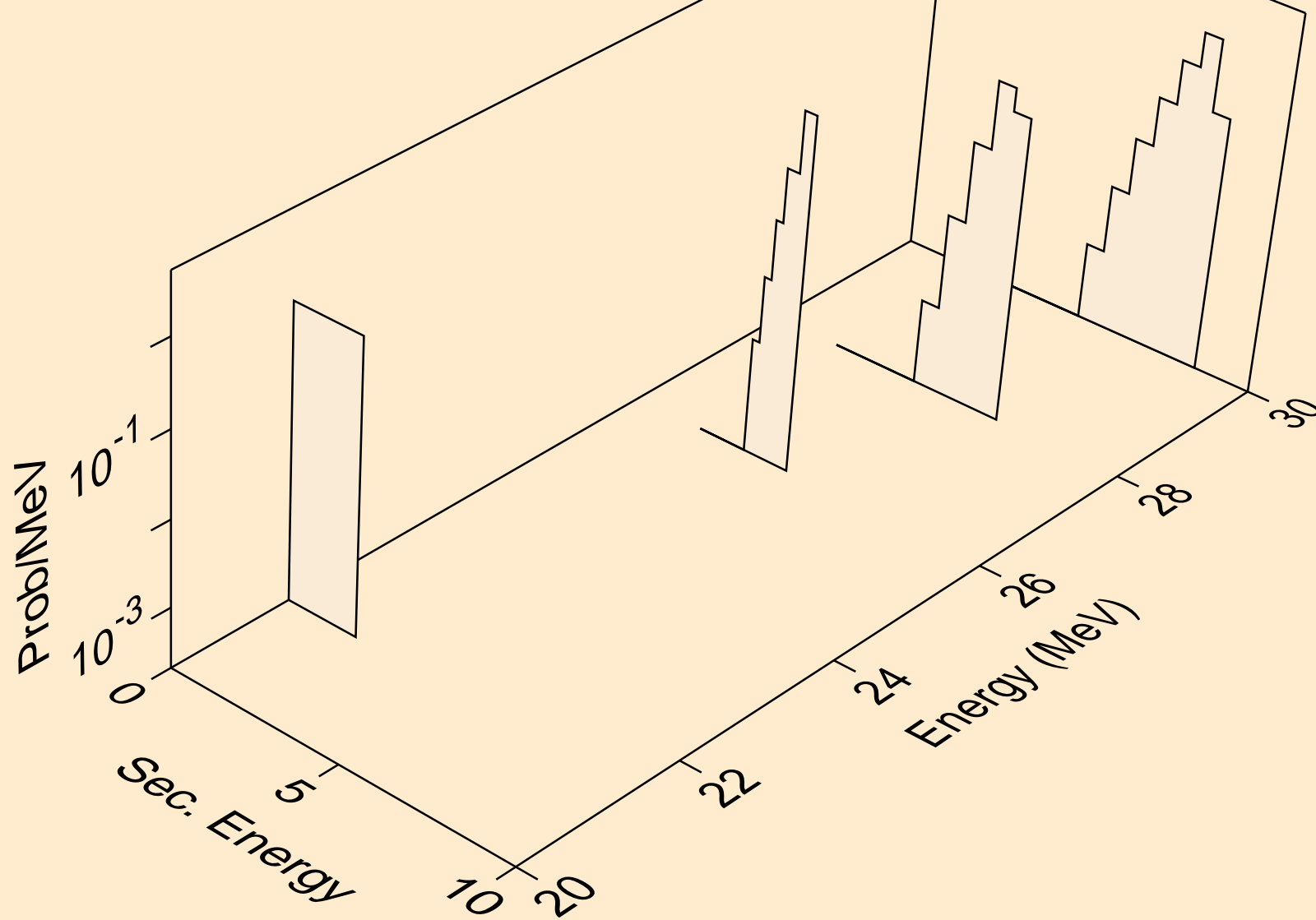
ZR098 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
tritons from (a,t)



ZR098 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
he3s from (a,x)



ZR098 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
he3s from (a,n*)he3



ZR098 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
he3s from (a,he3)

