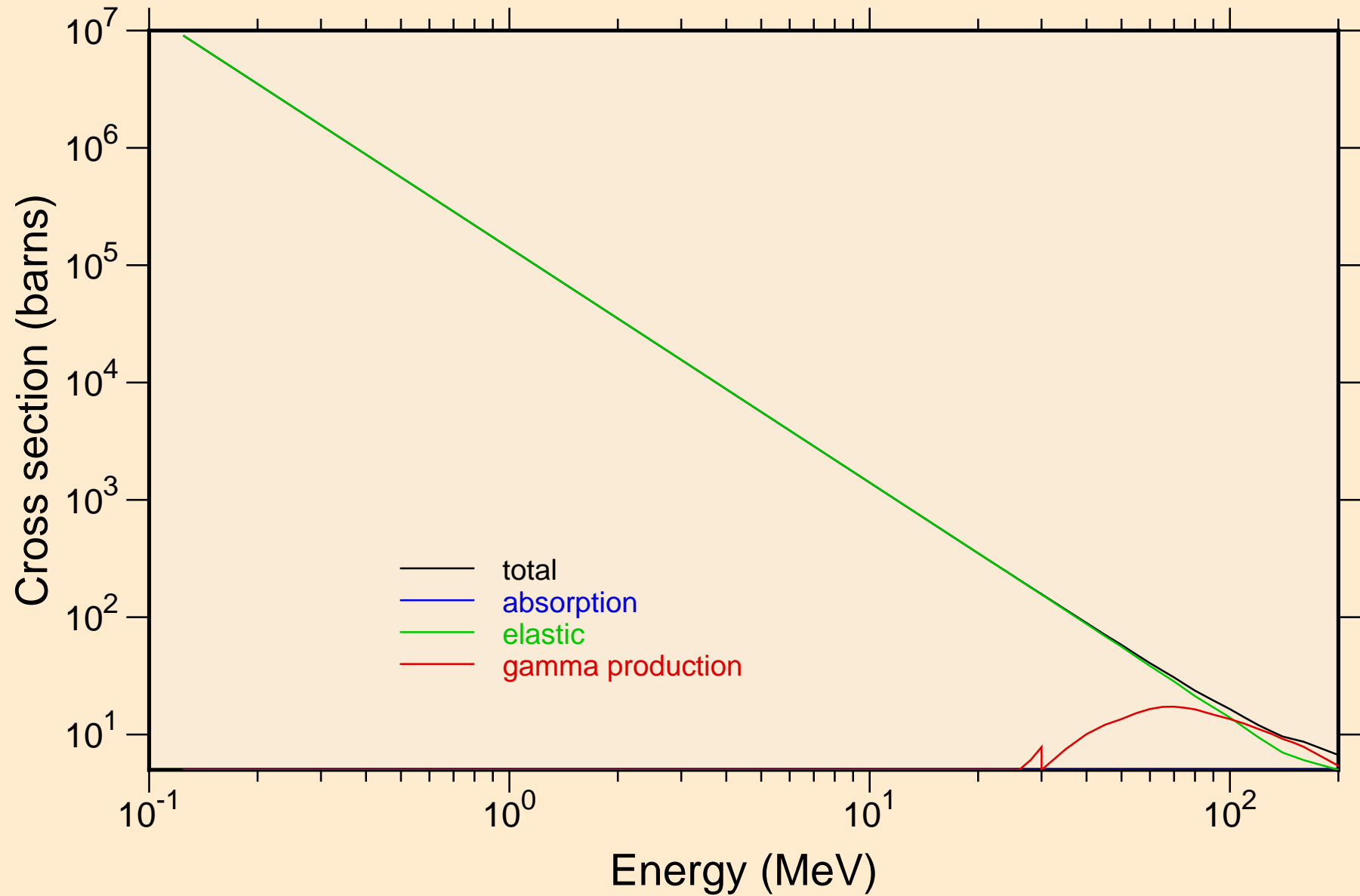
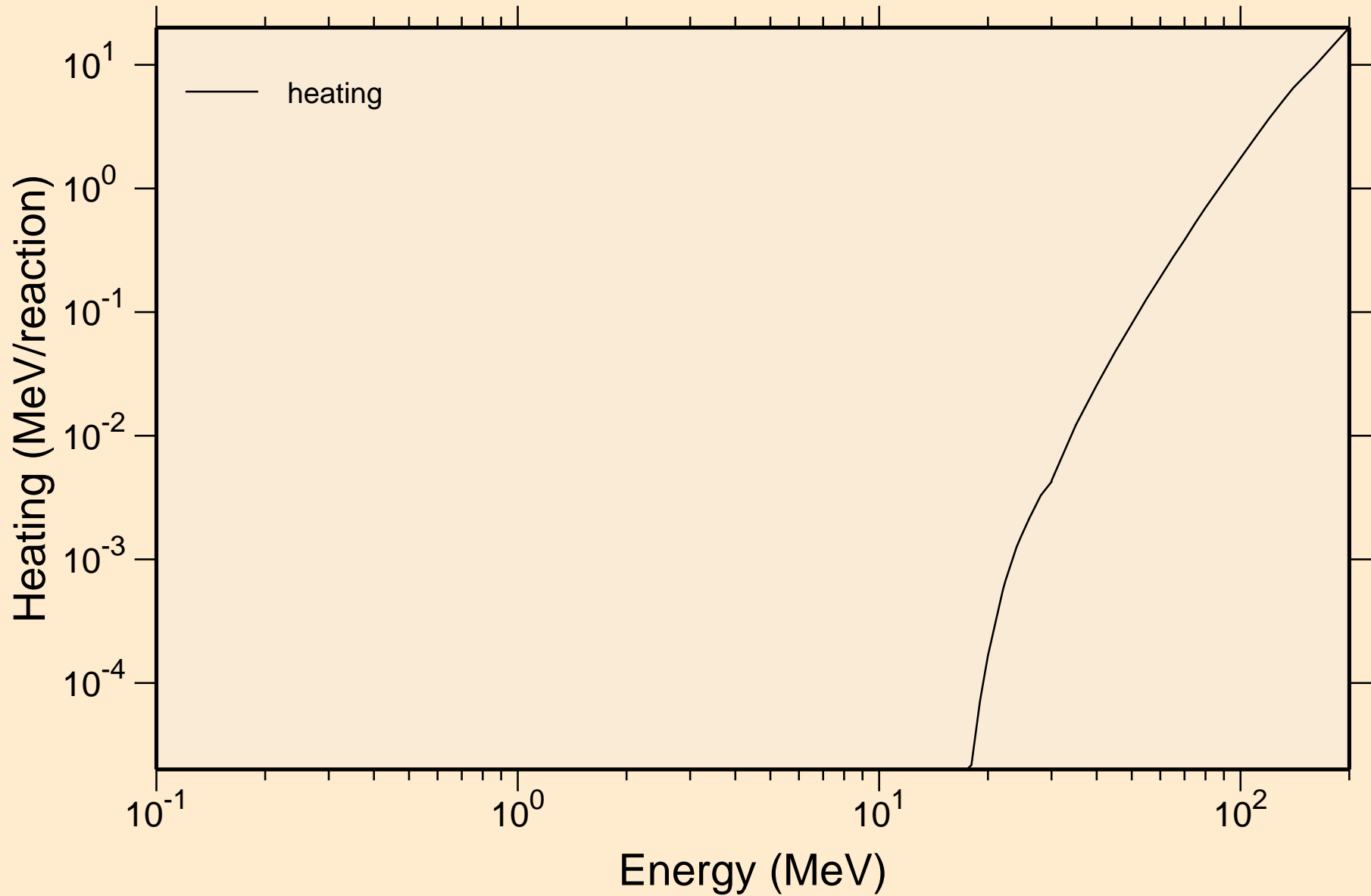


W180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Principal cross sections

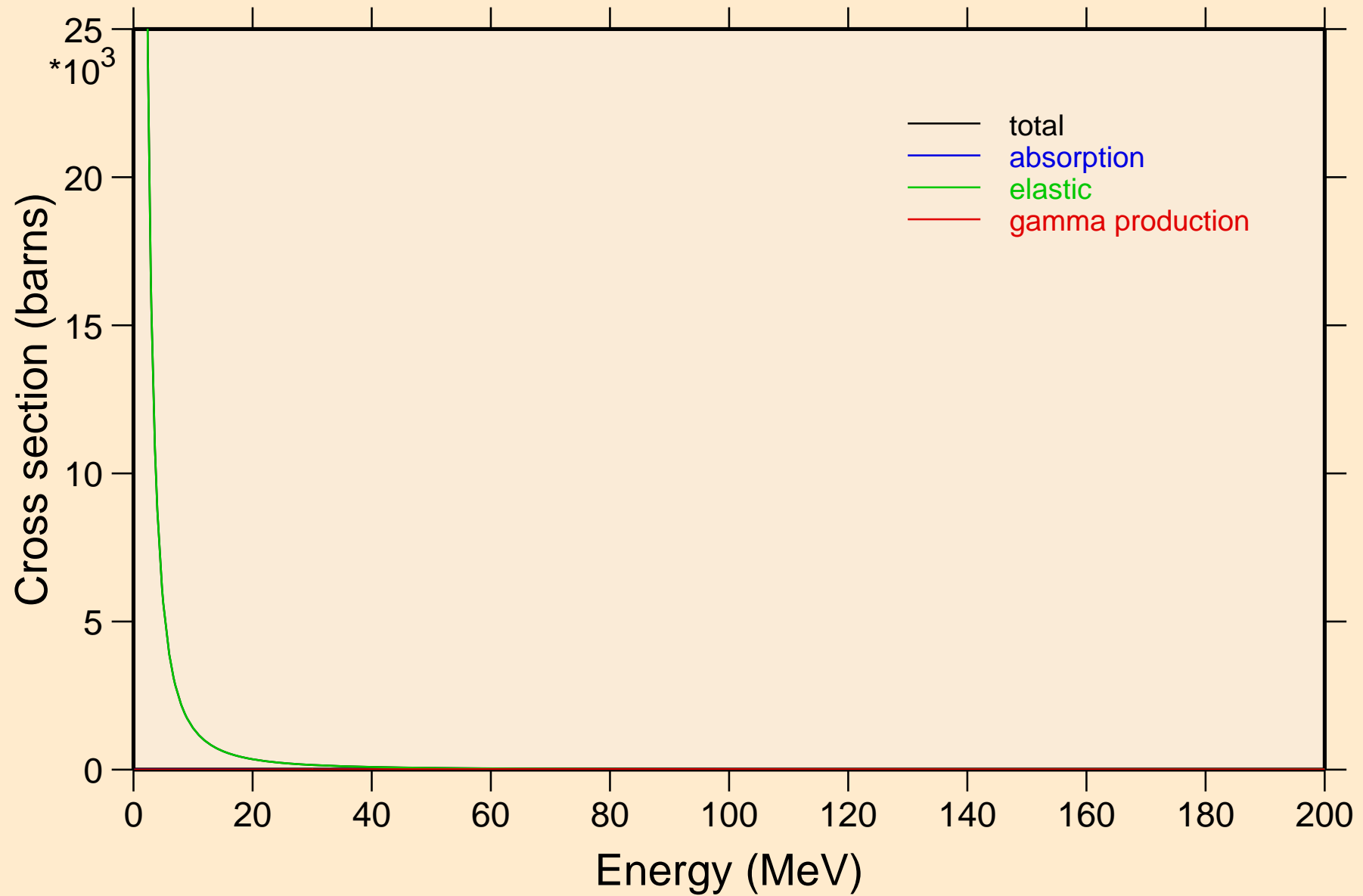


W180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Heating



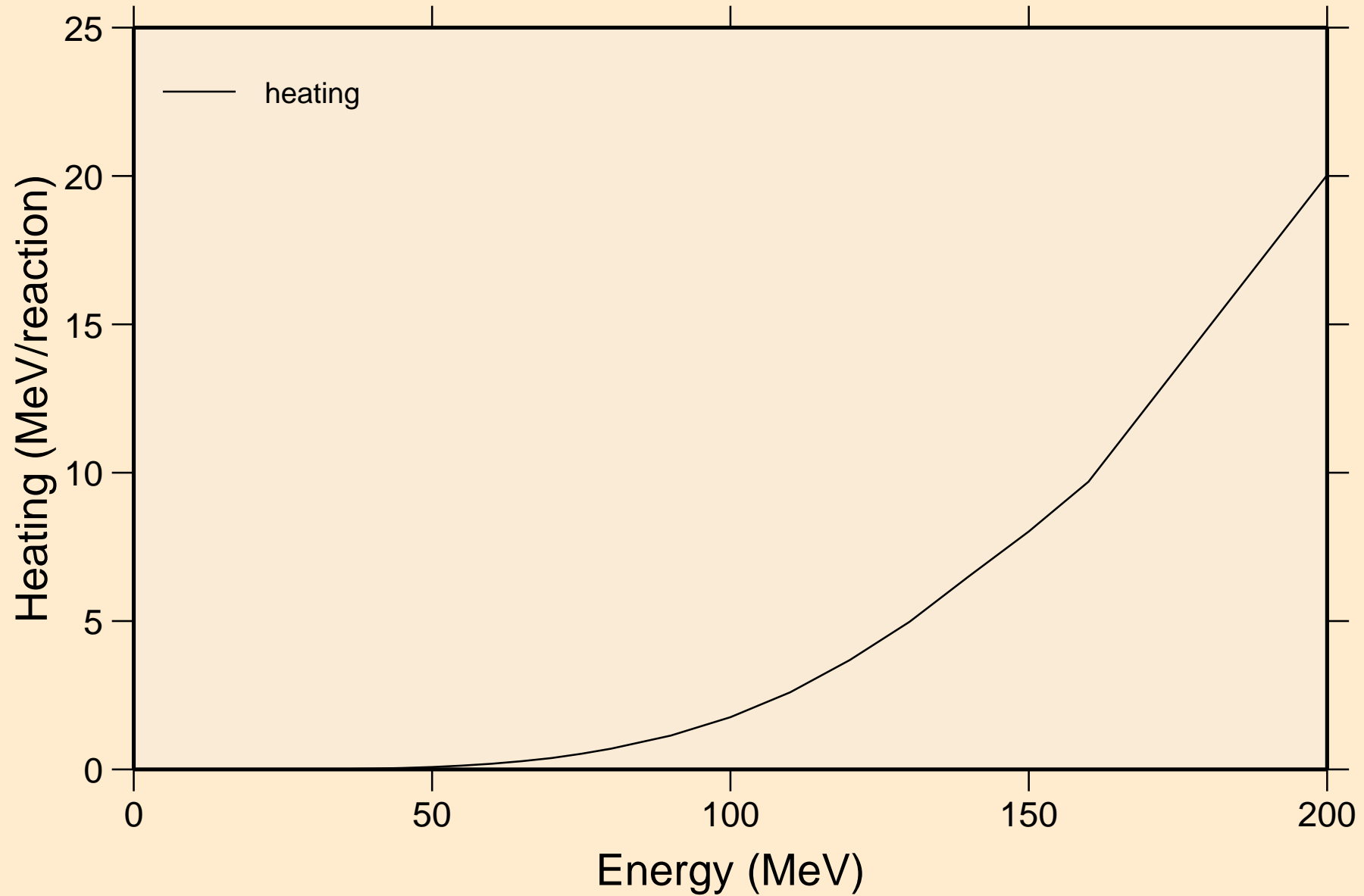
W180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Principal cross sections

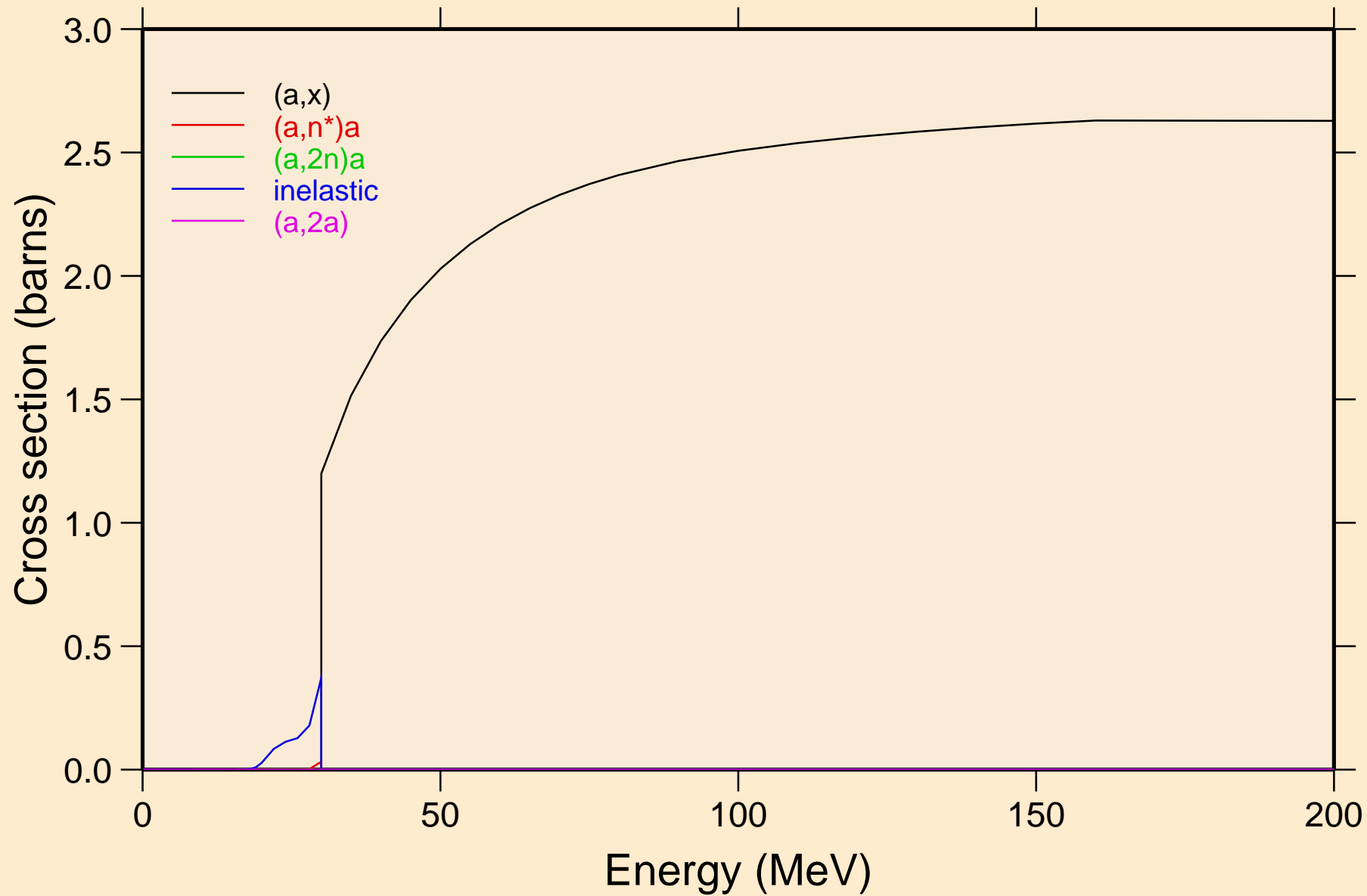


W180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

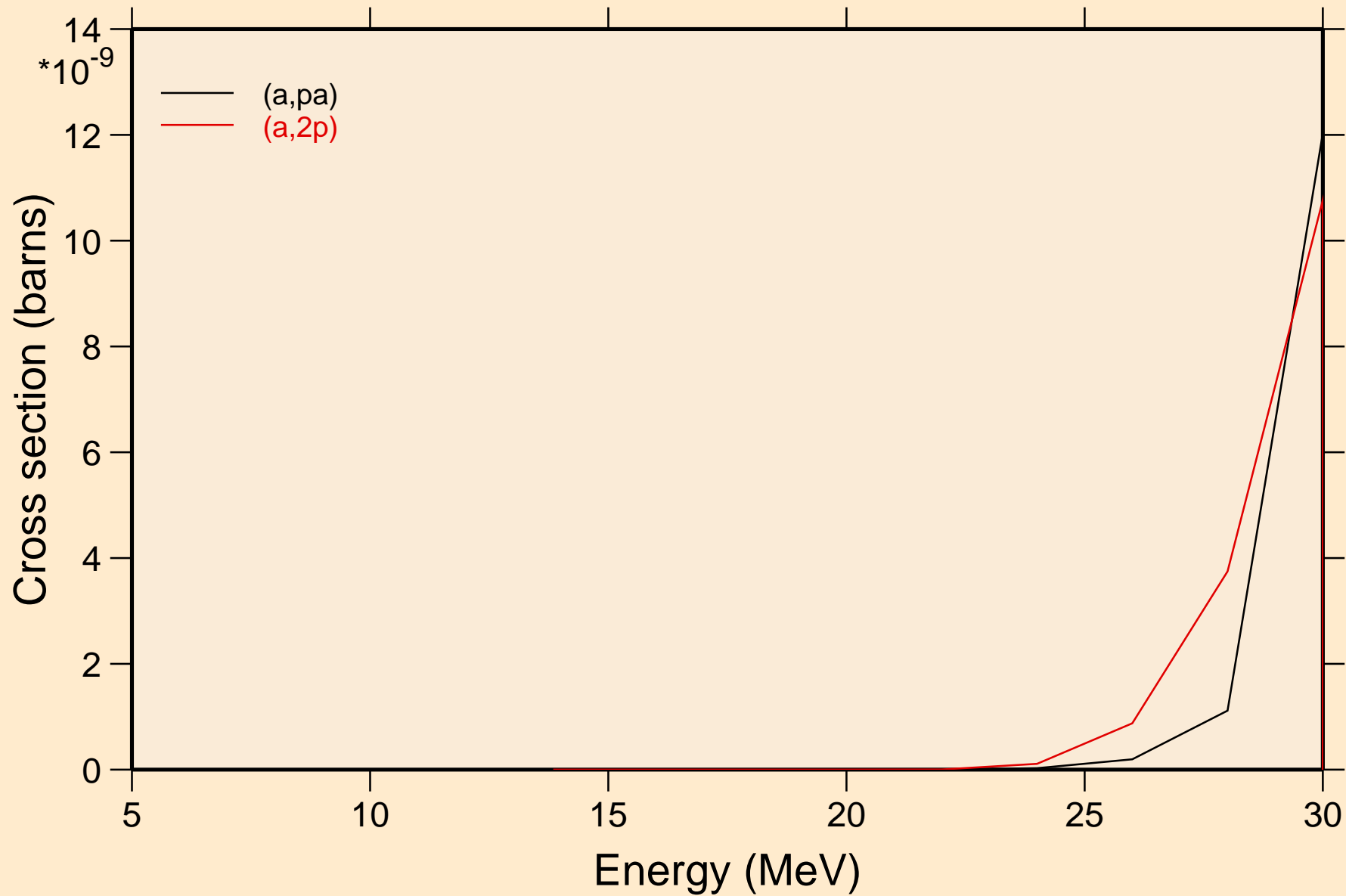
Heating



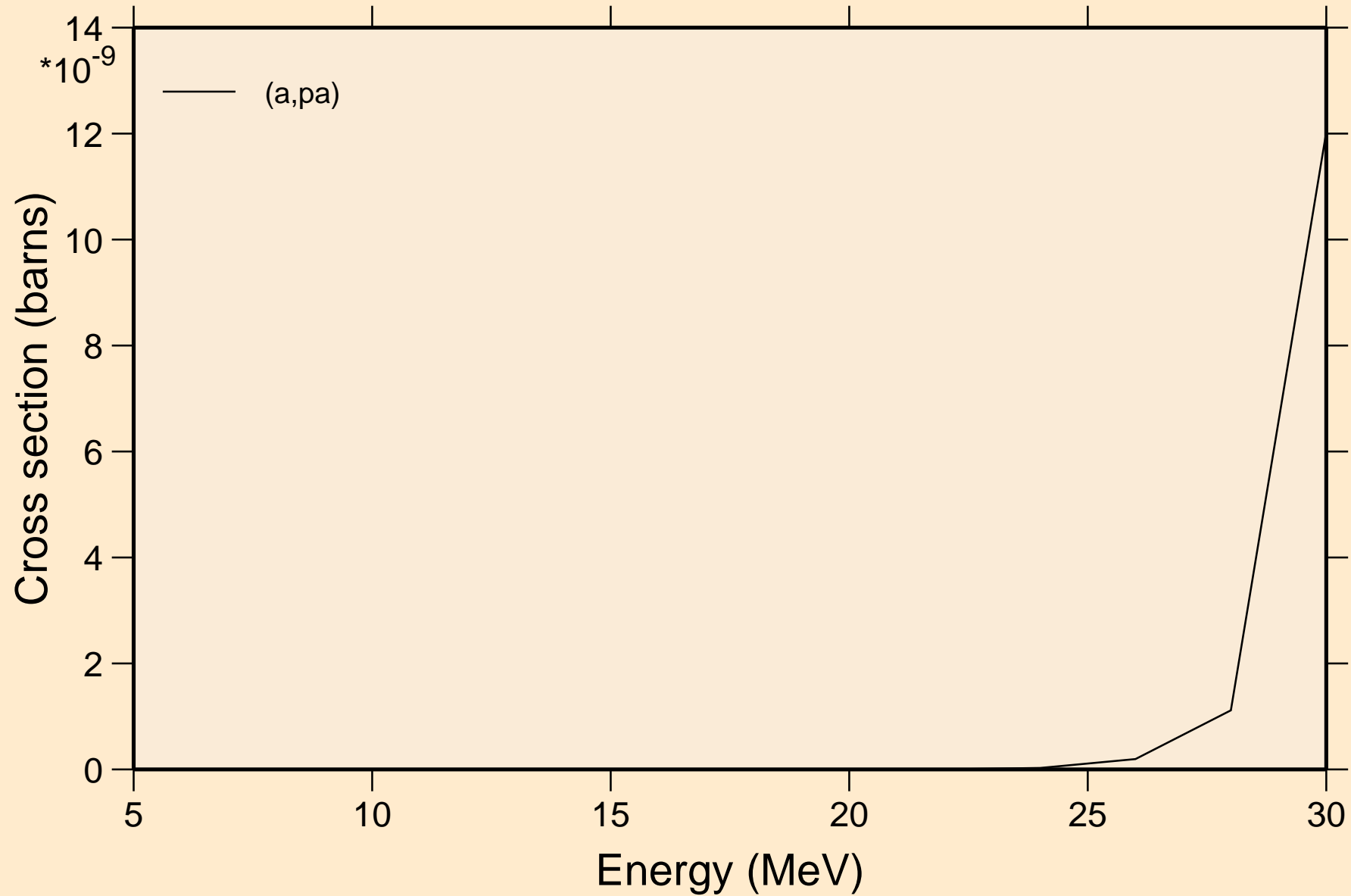
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Threshold reactions



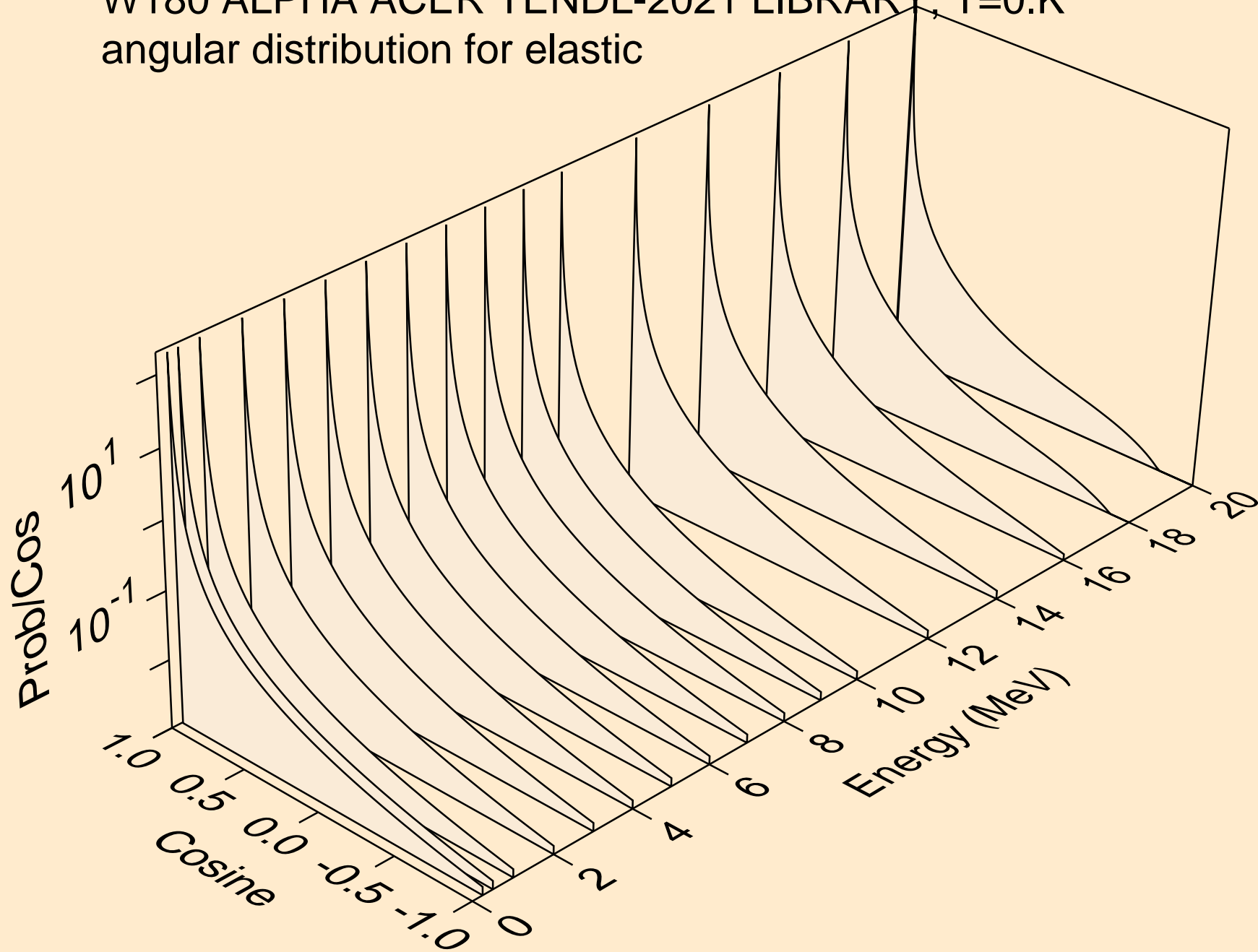
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Threshold reactions



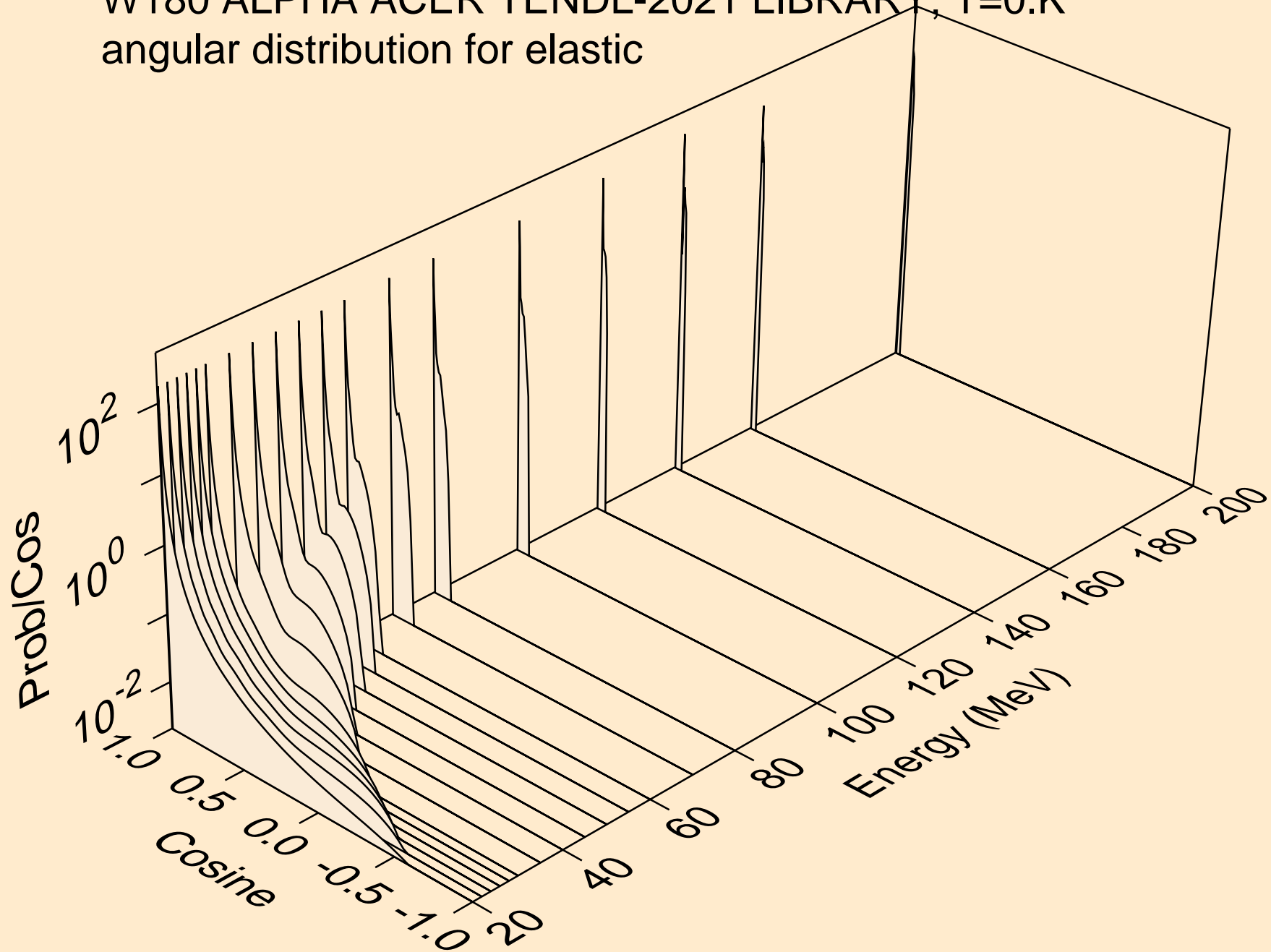
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Threshold reactions



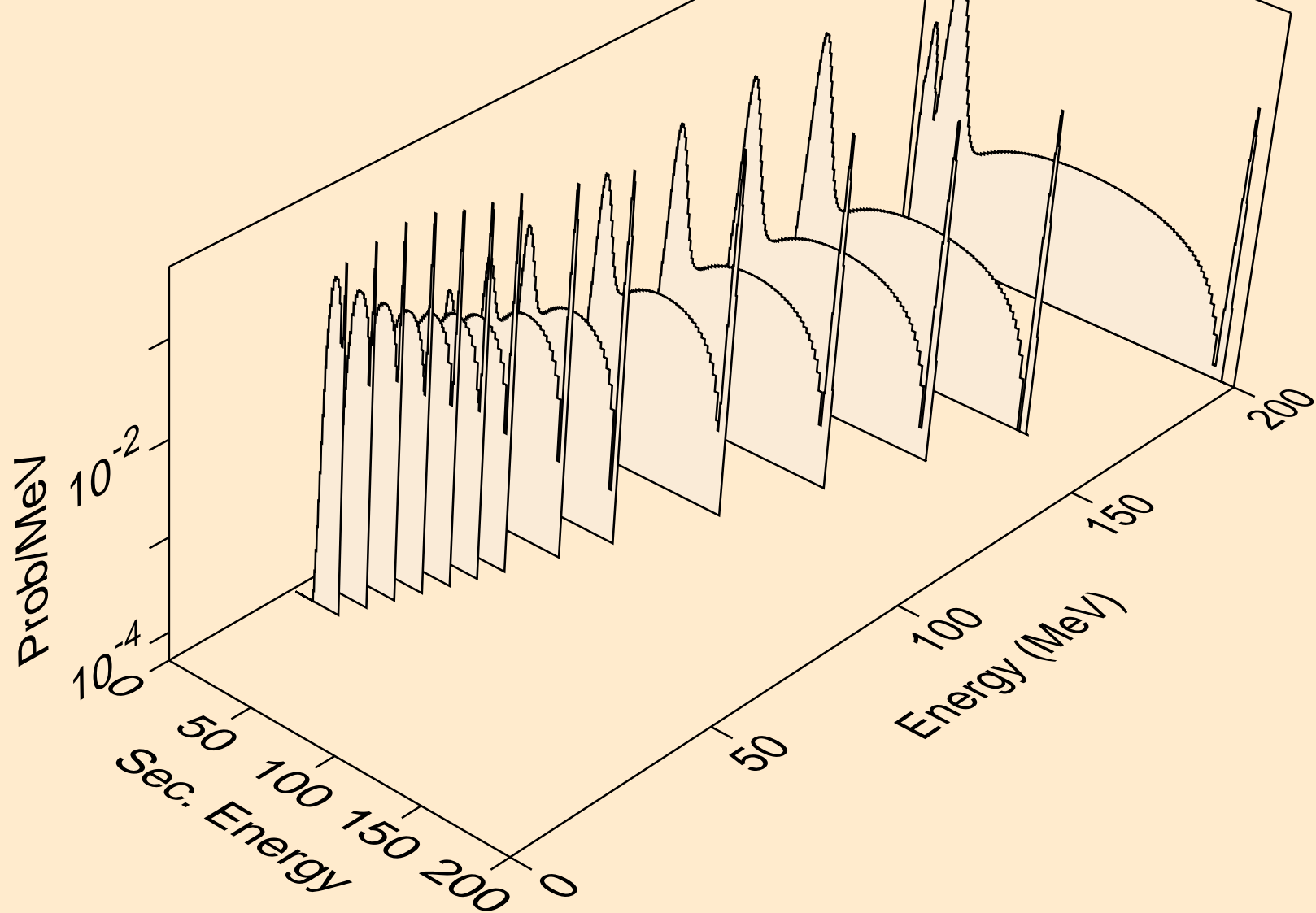
W180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
angular distribution for elastic



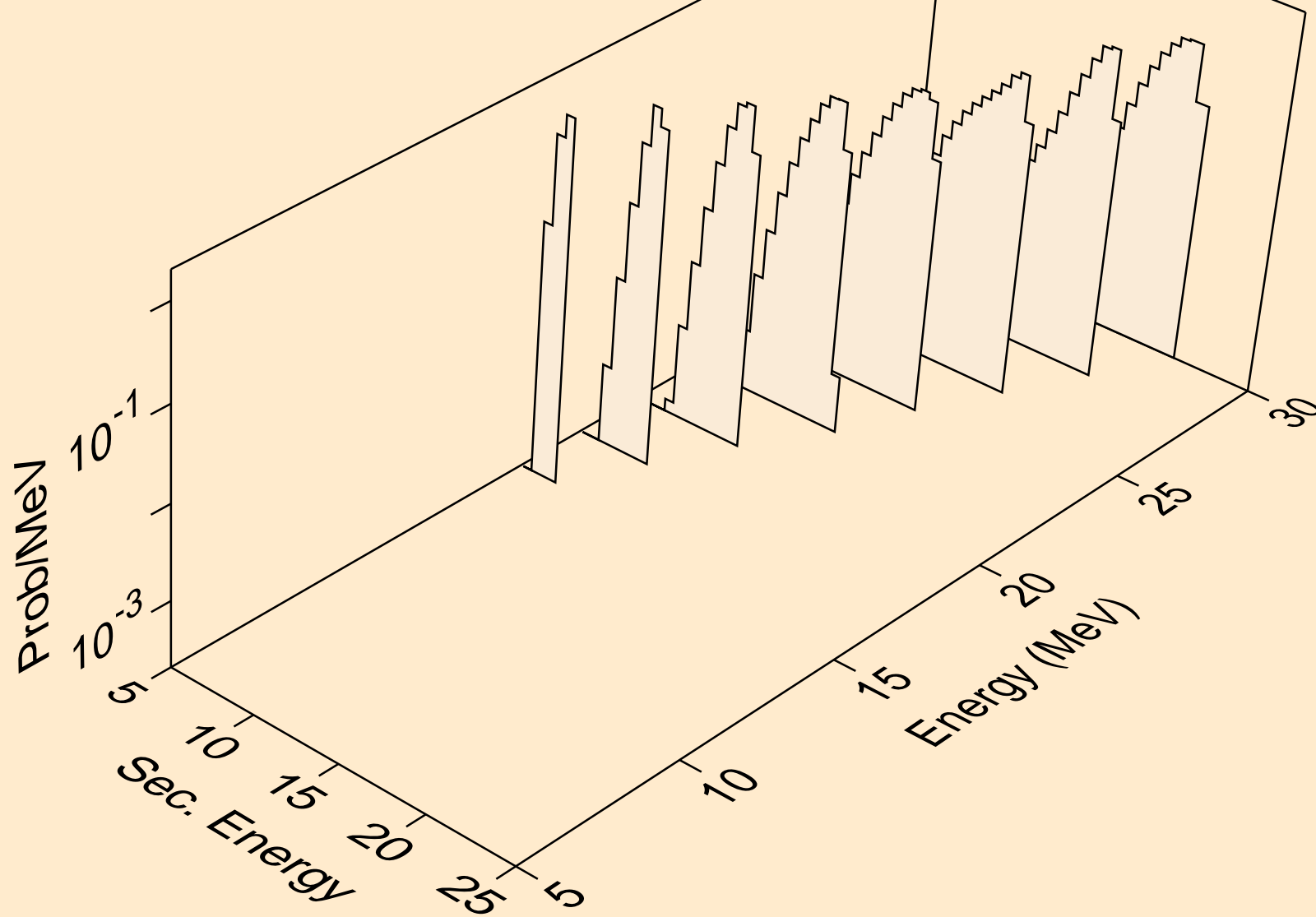
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angular distribution for elastic



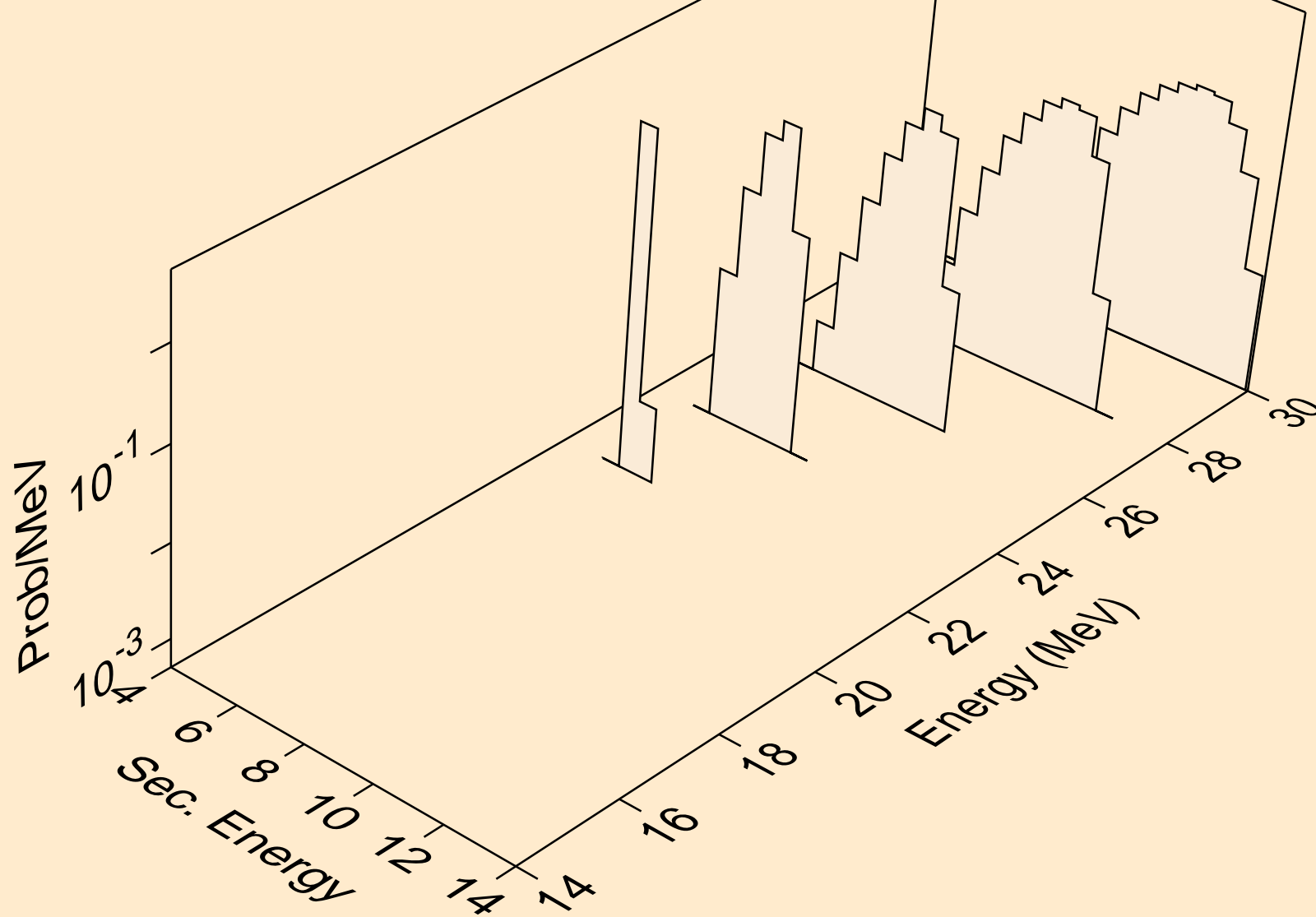
W180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Alpha emission for (a,x)



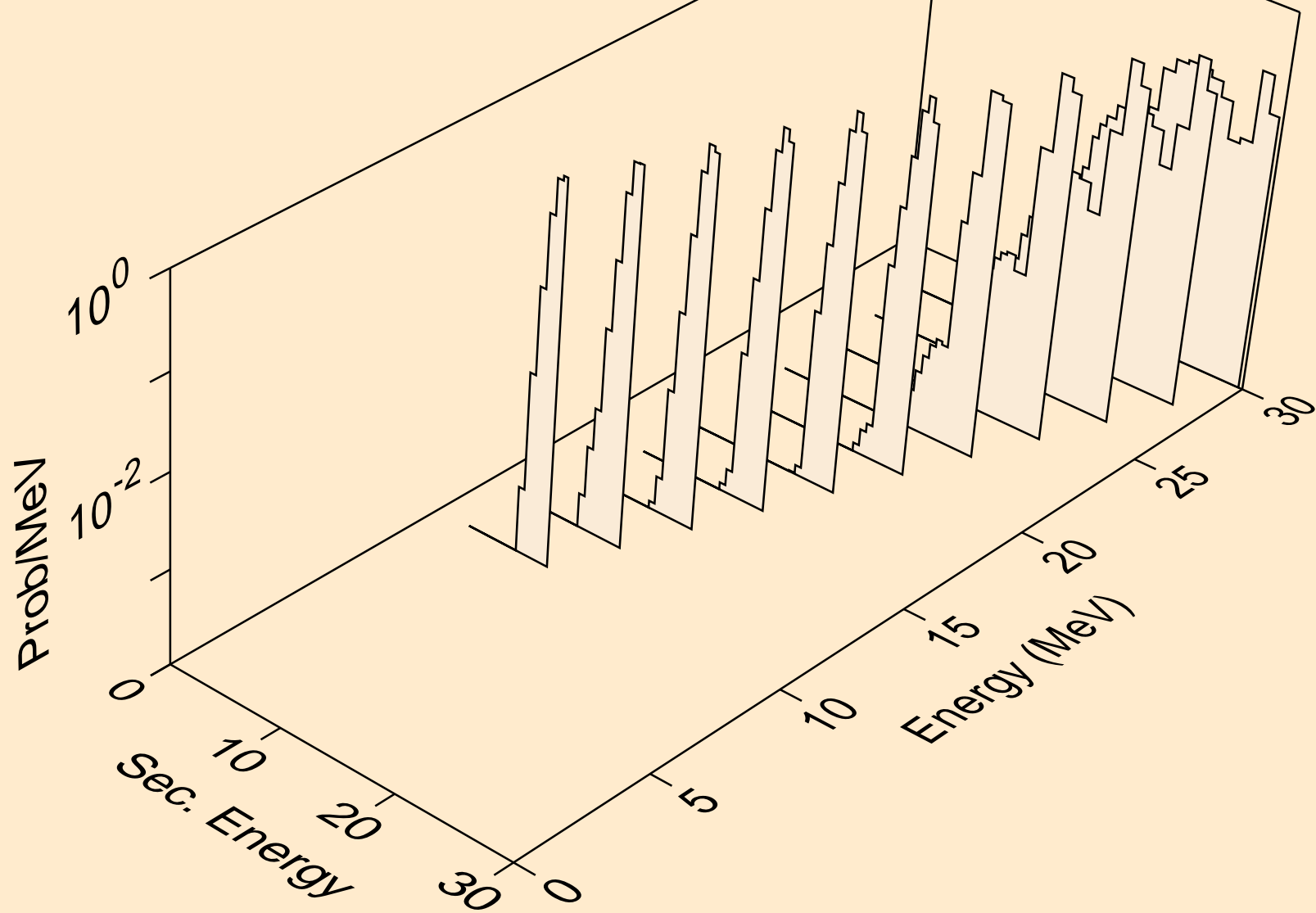
W180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Alpha emission for (a,n*)a



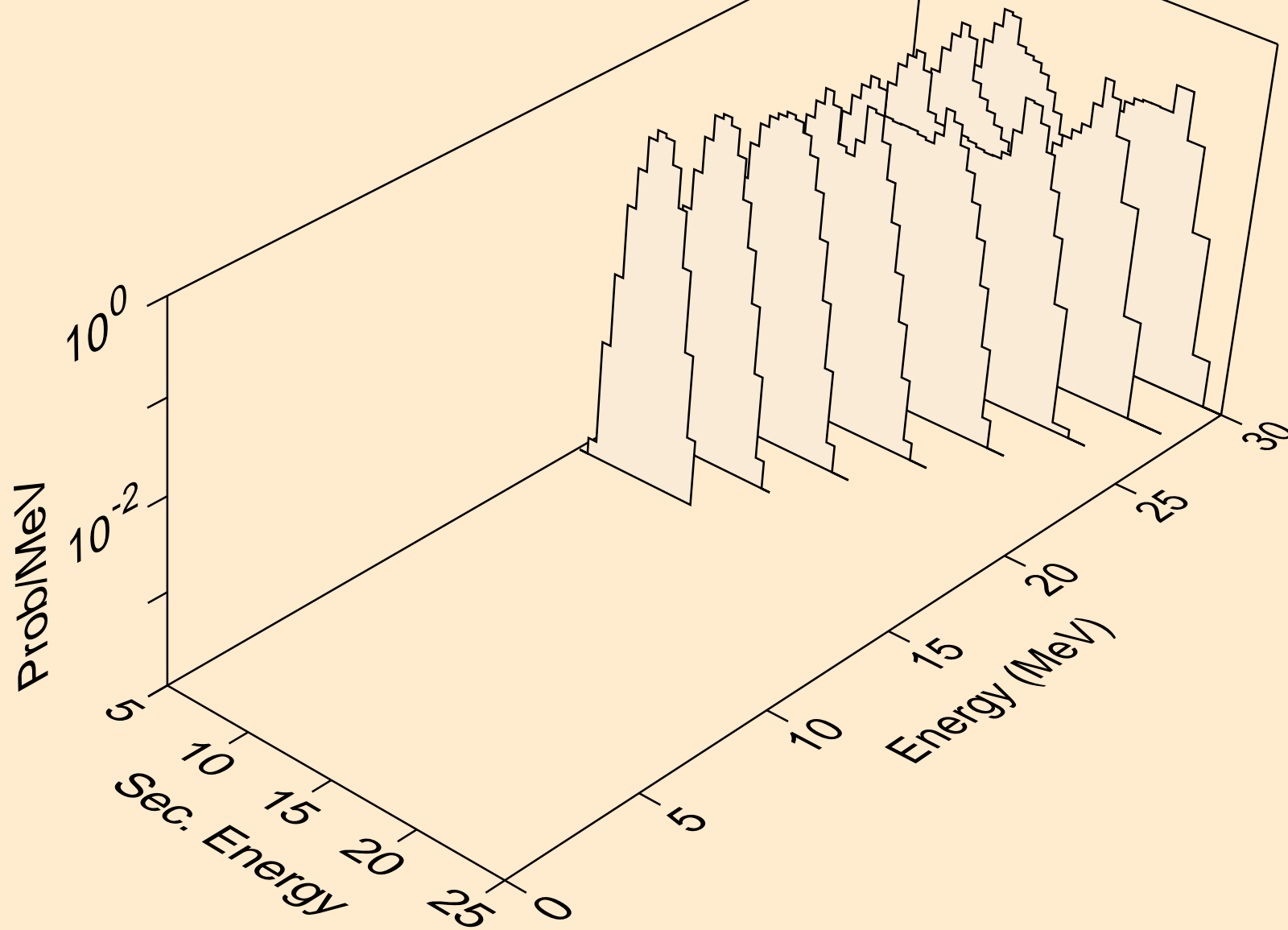
W180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Alpha emission for (a,2n)a



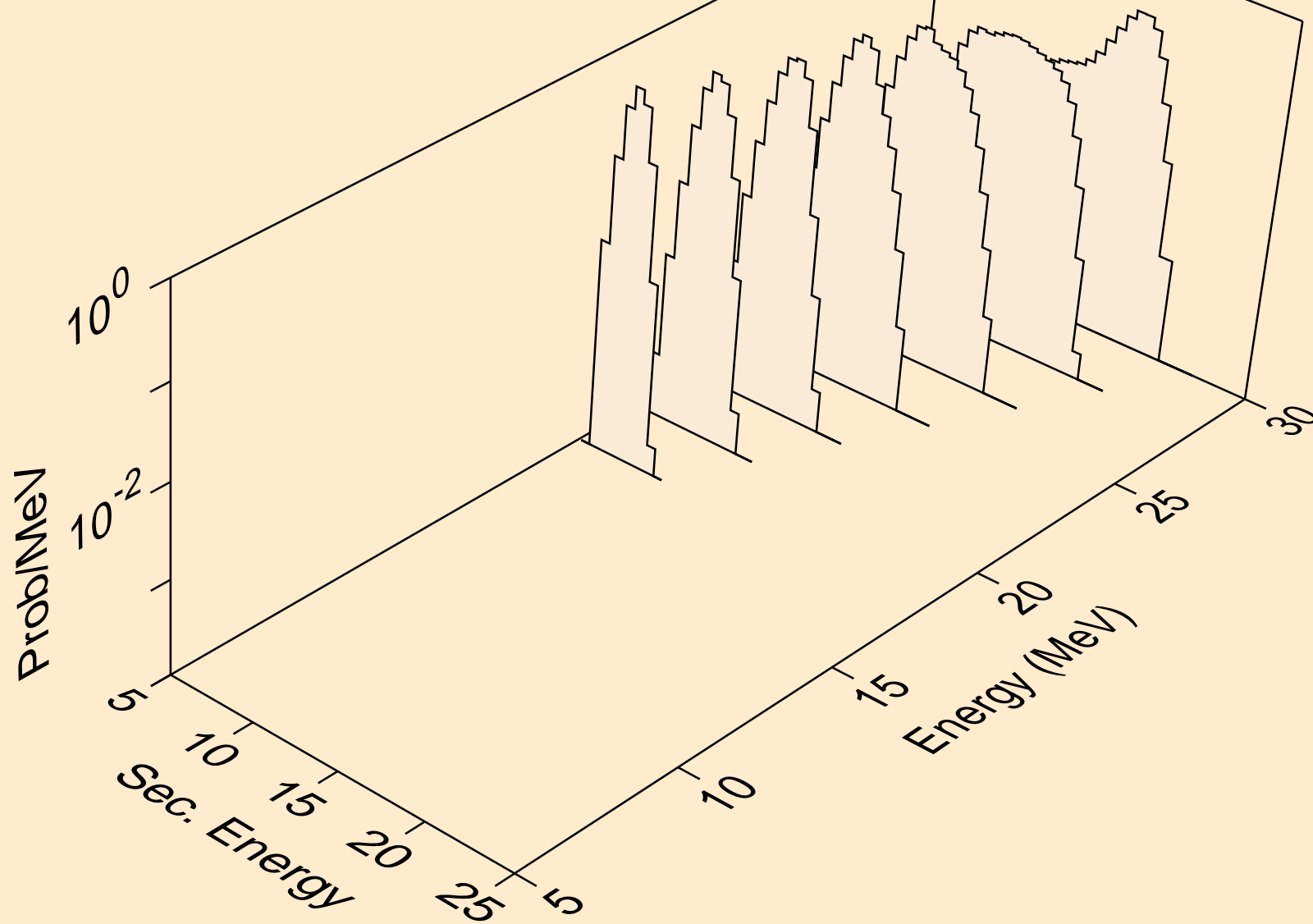
W180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Alpha emission for inelastic



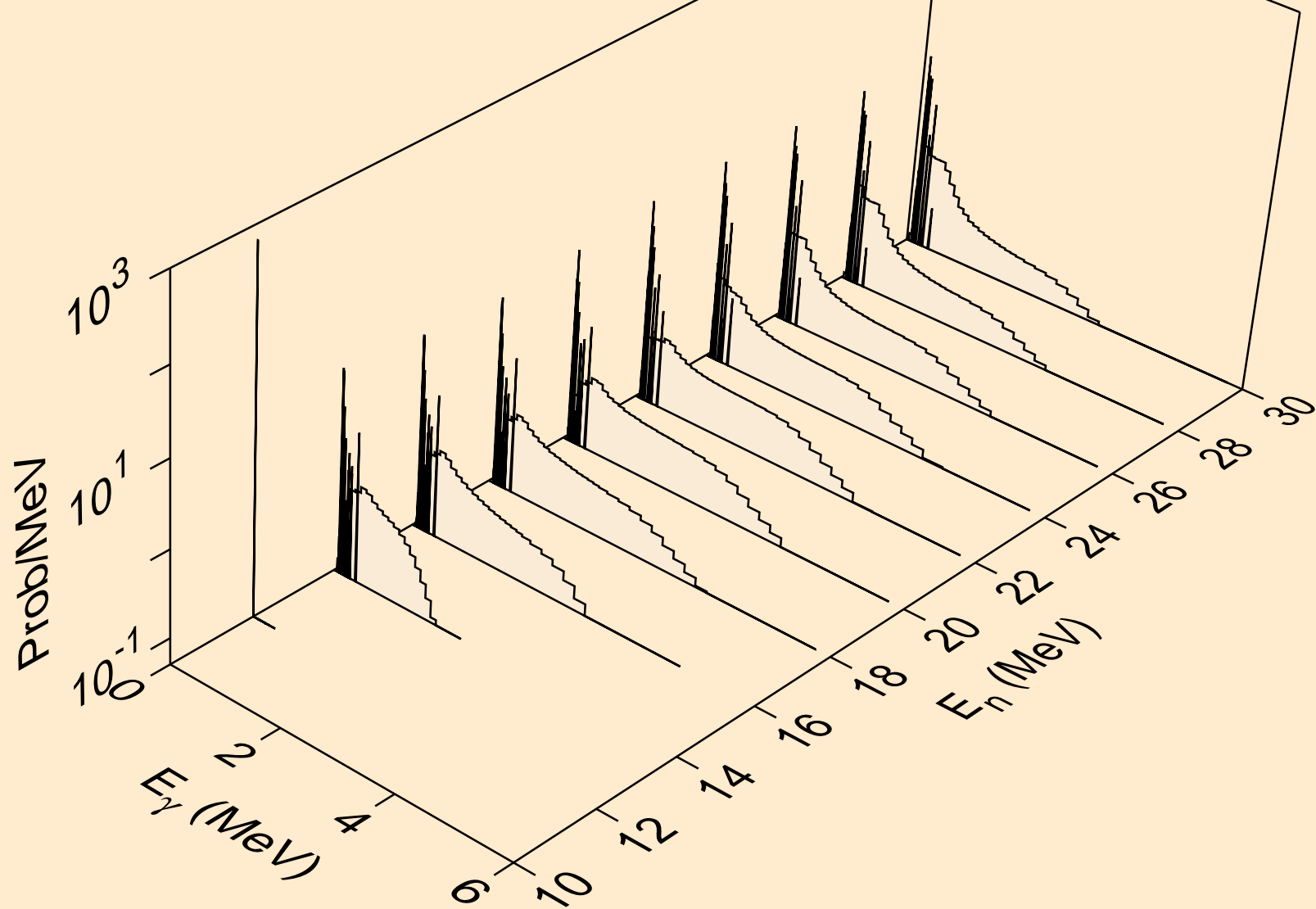
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Alpha emission for (a,2a)



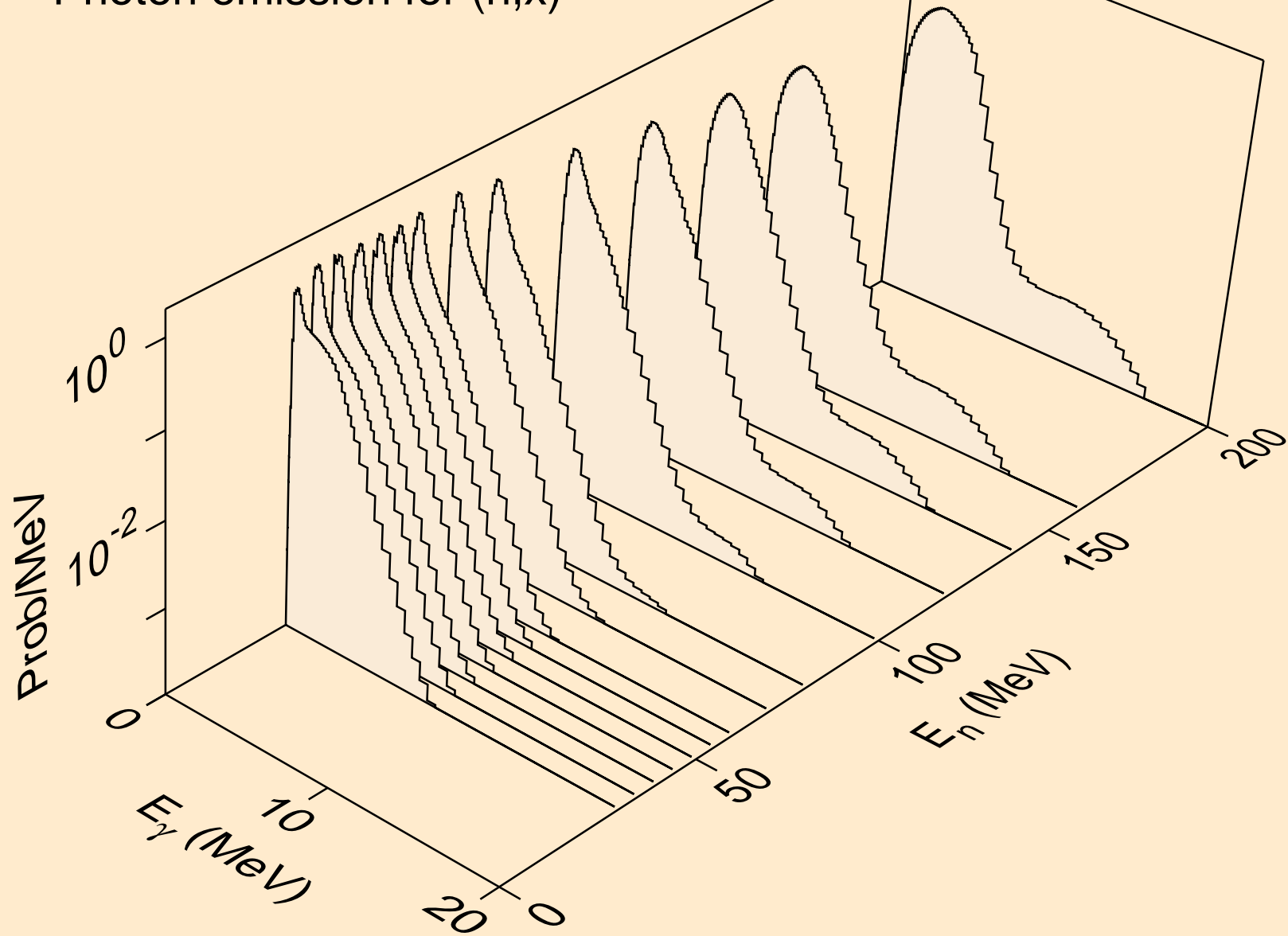
W180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Alpha emission for (a,pa)



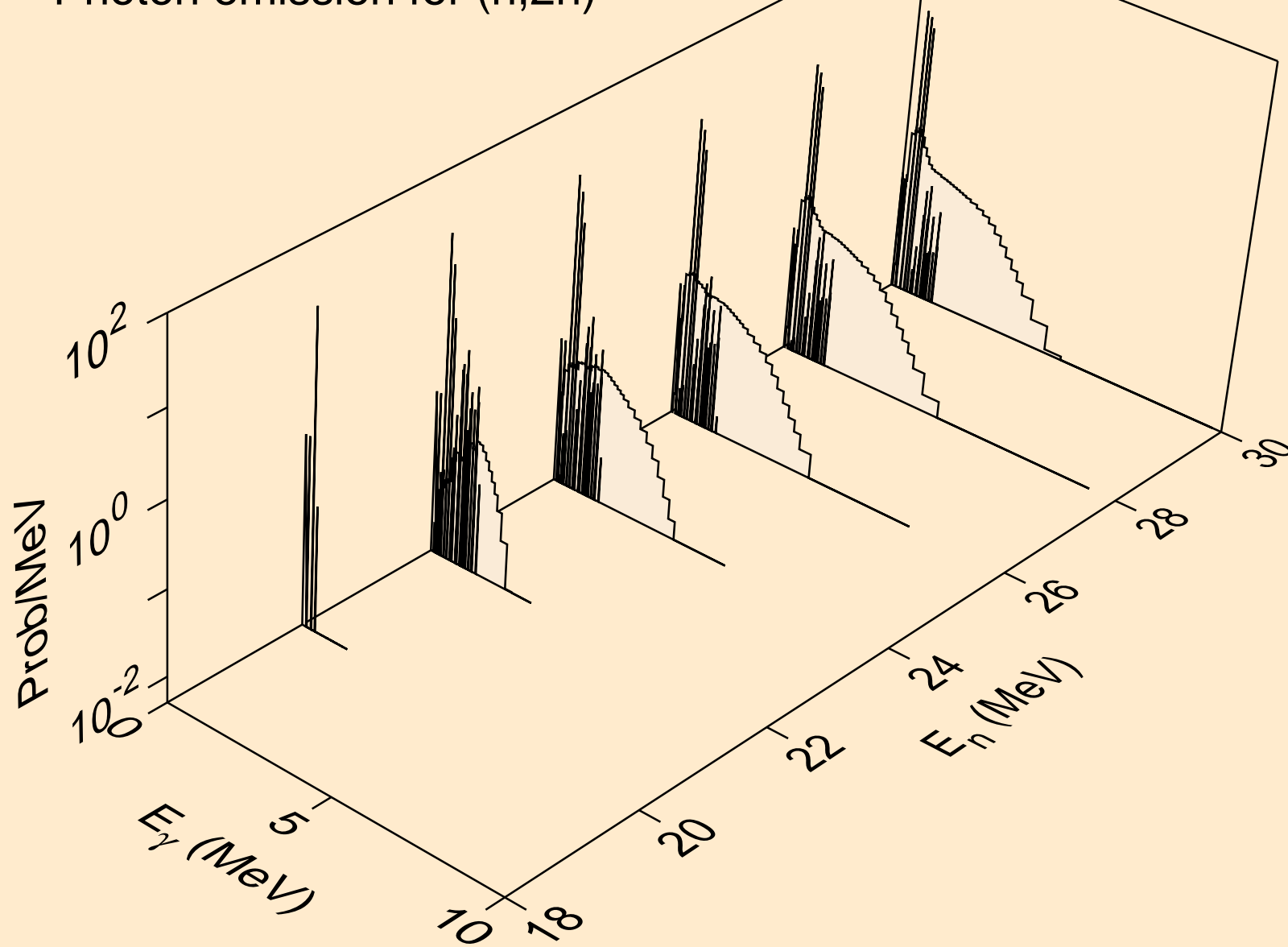
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Photon emission for (z,n)



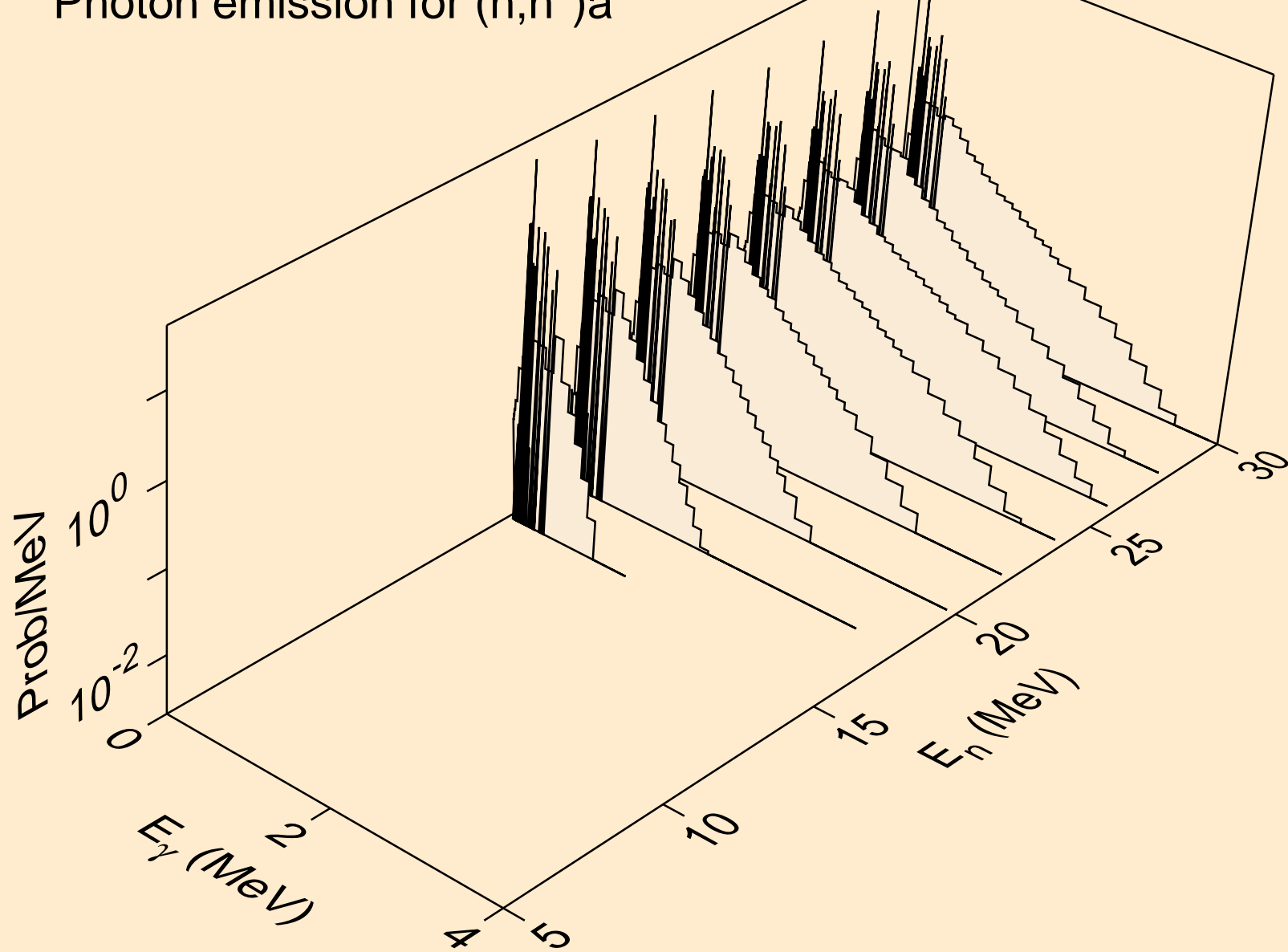
W180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,x)



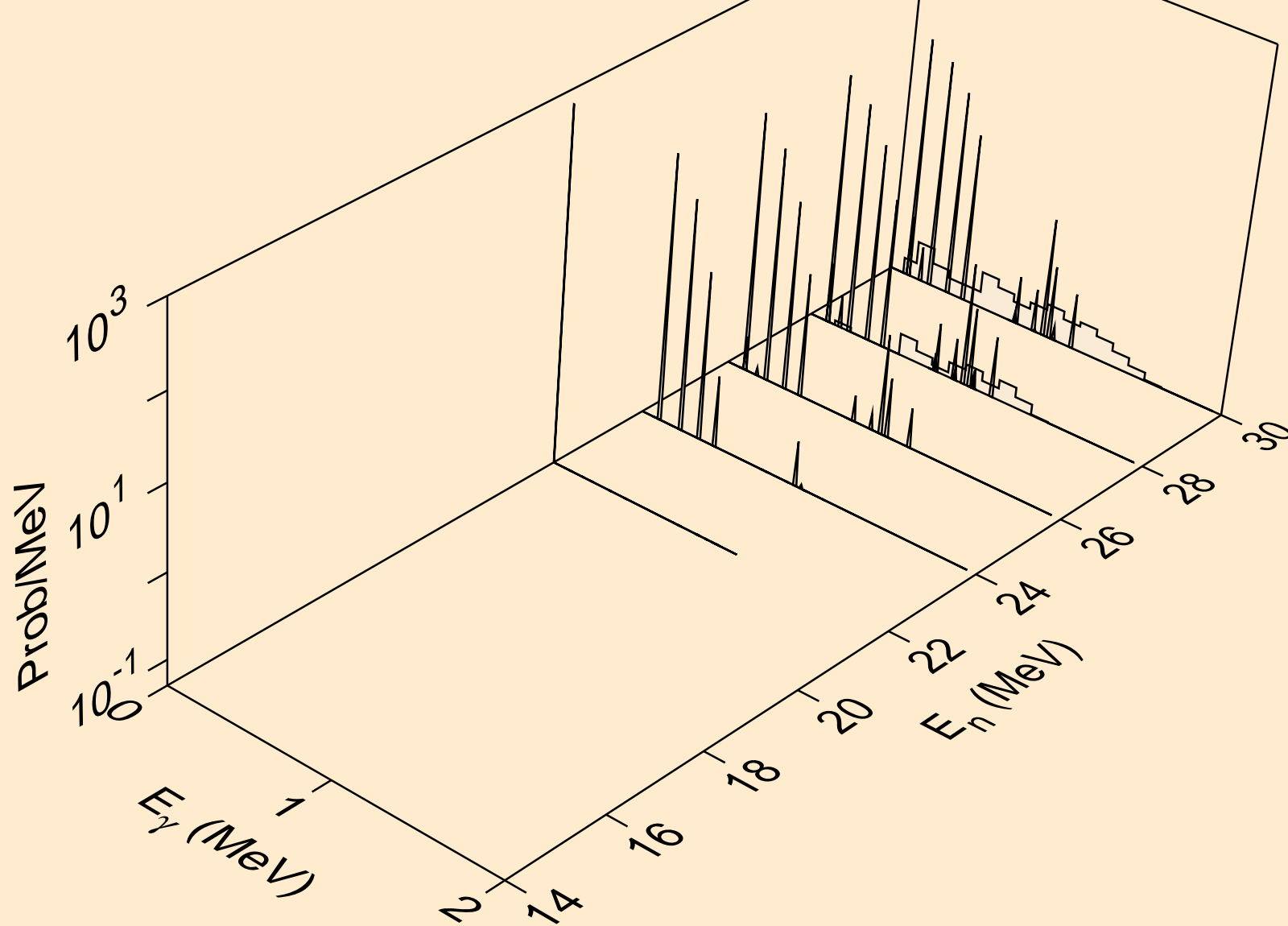
W180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2n)



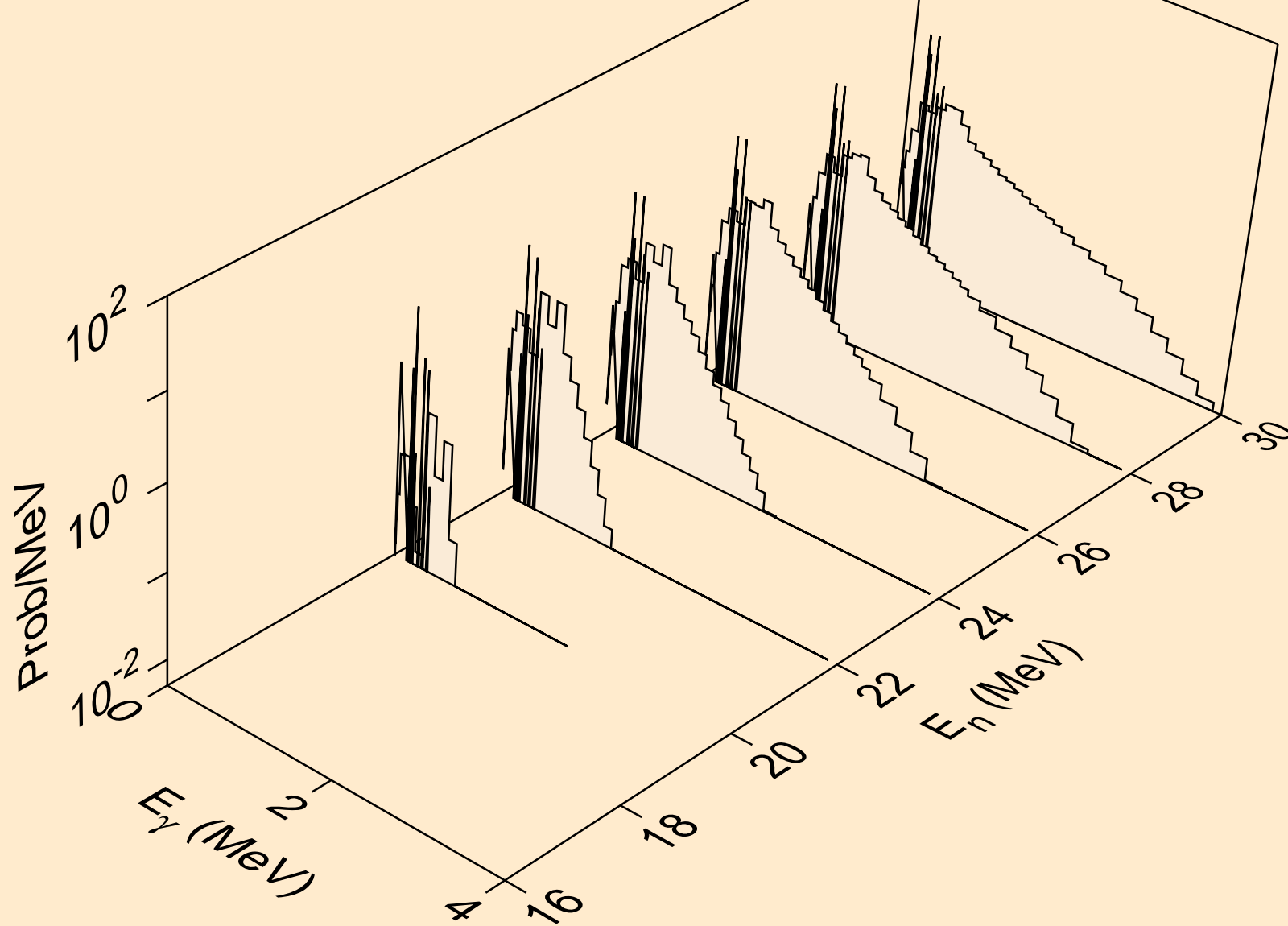
W180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,n*)a



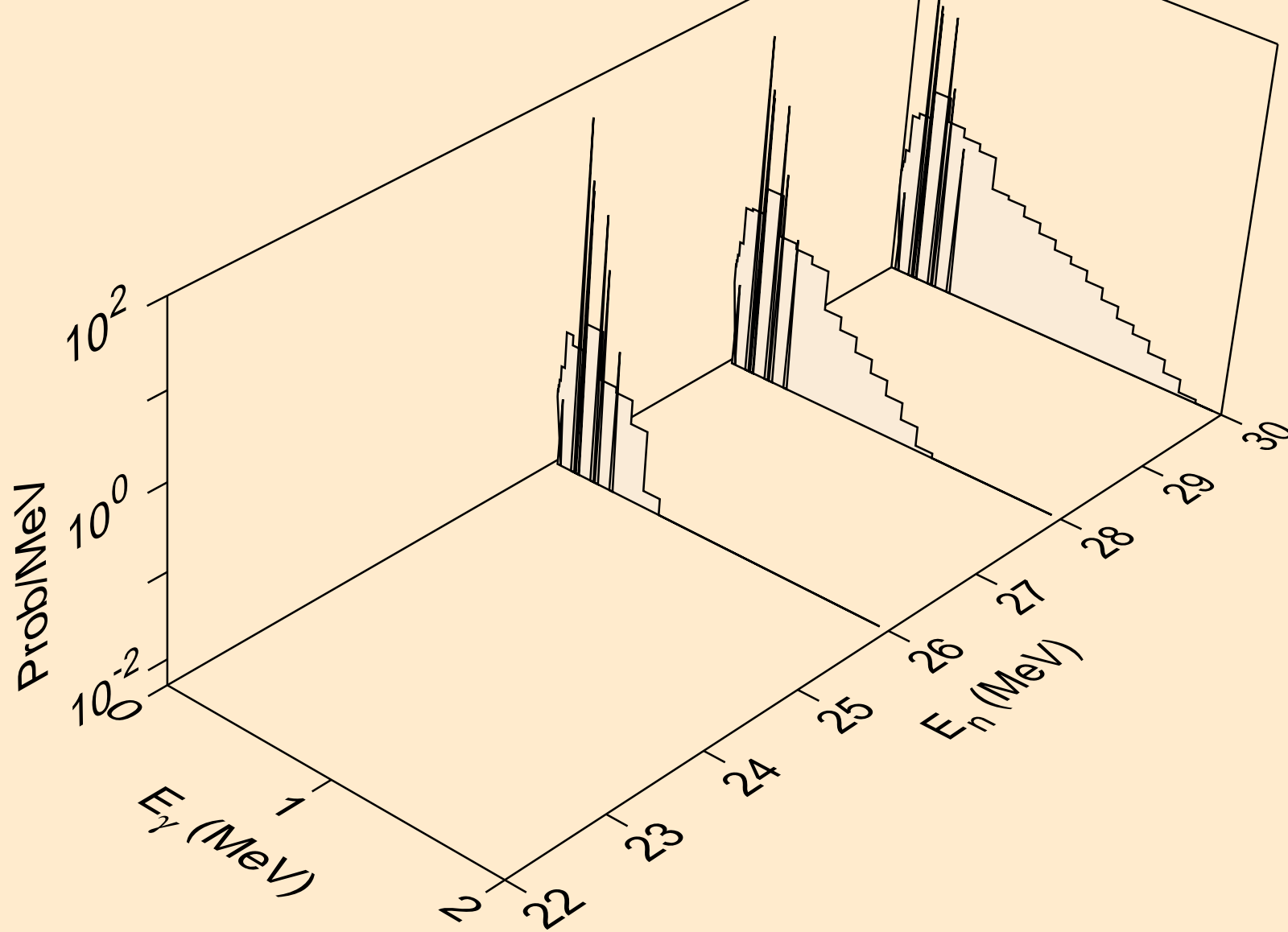
W180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2n)a



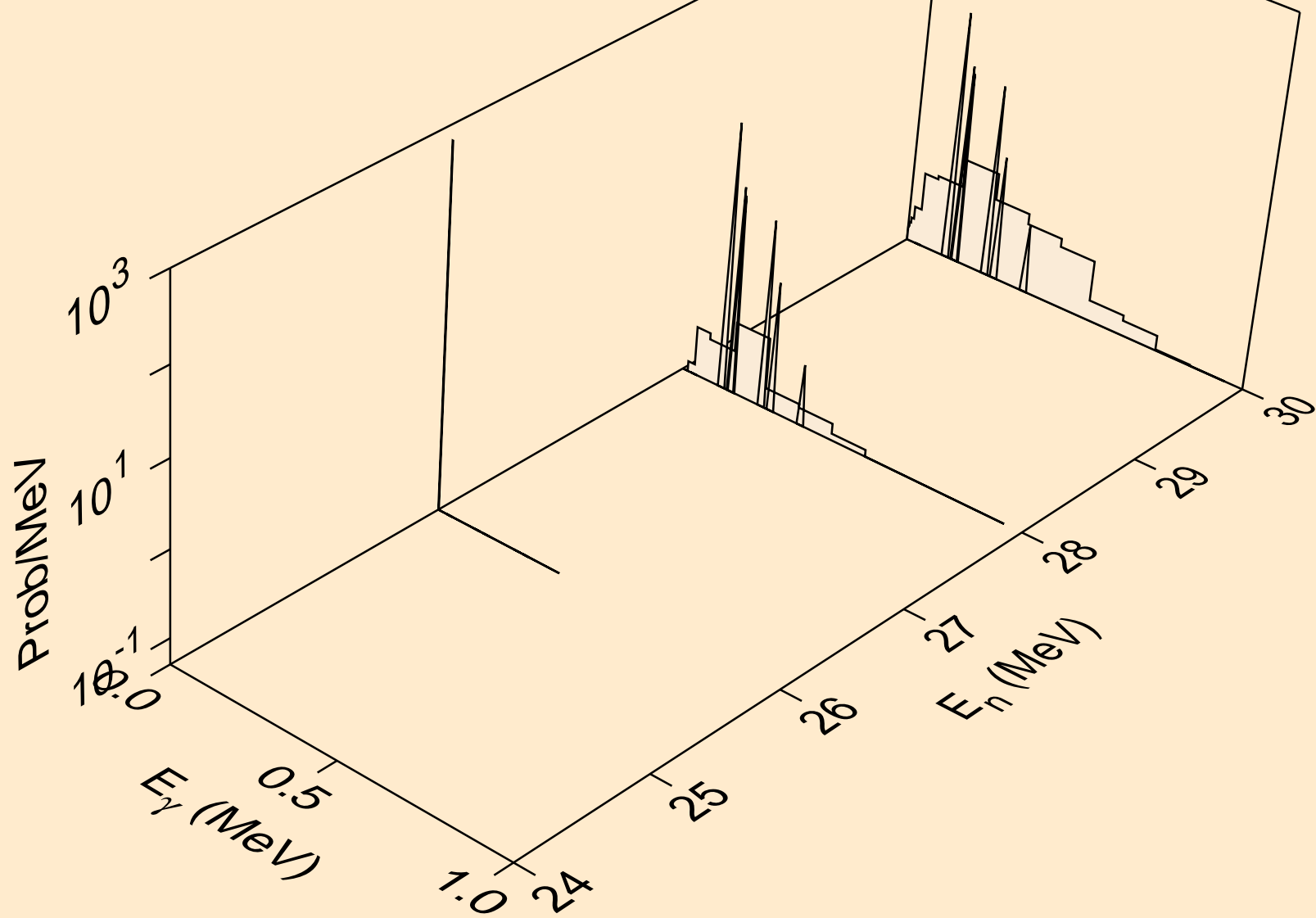
W180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,n*)p



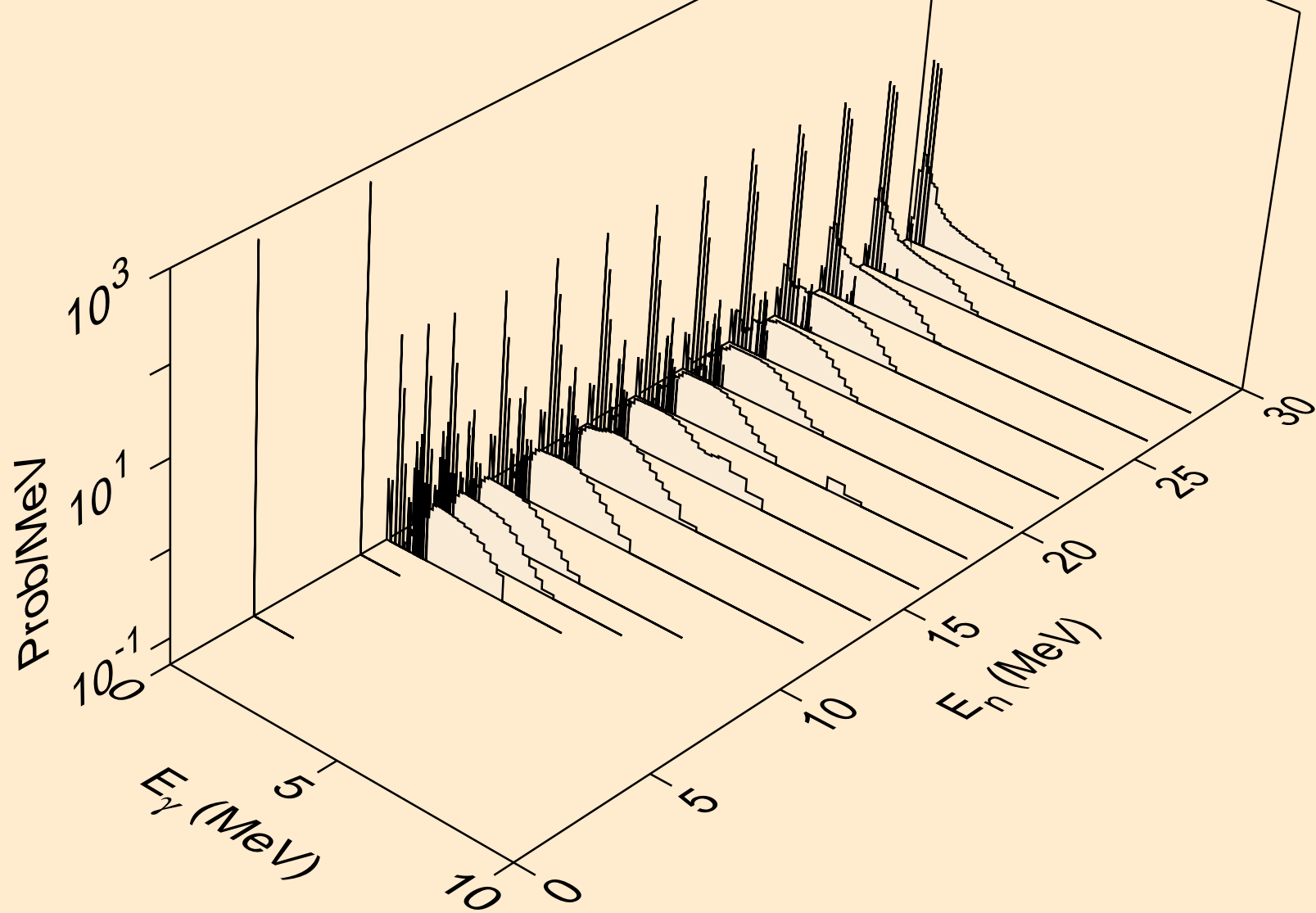
W180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,n*)d



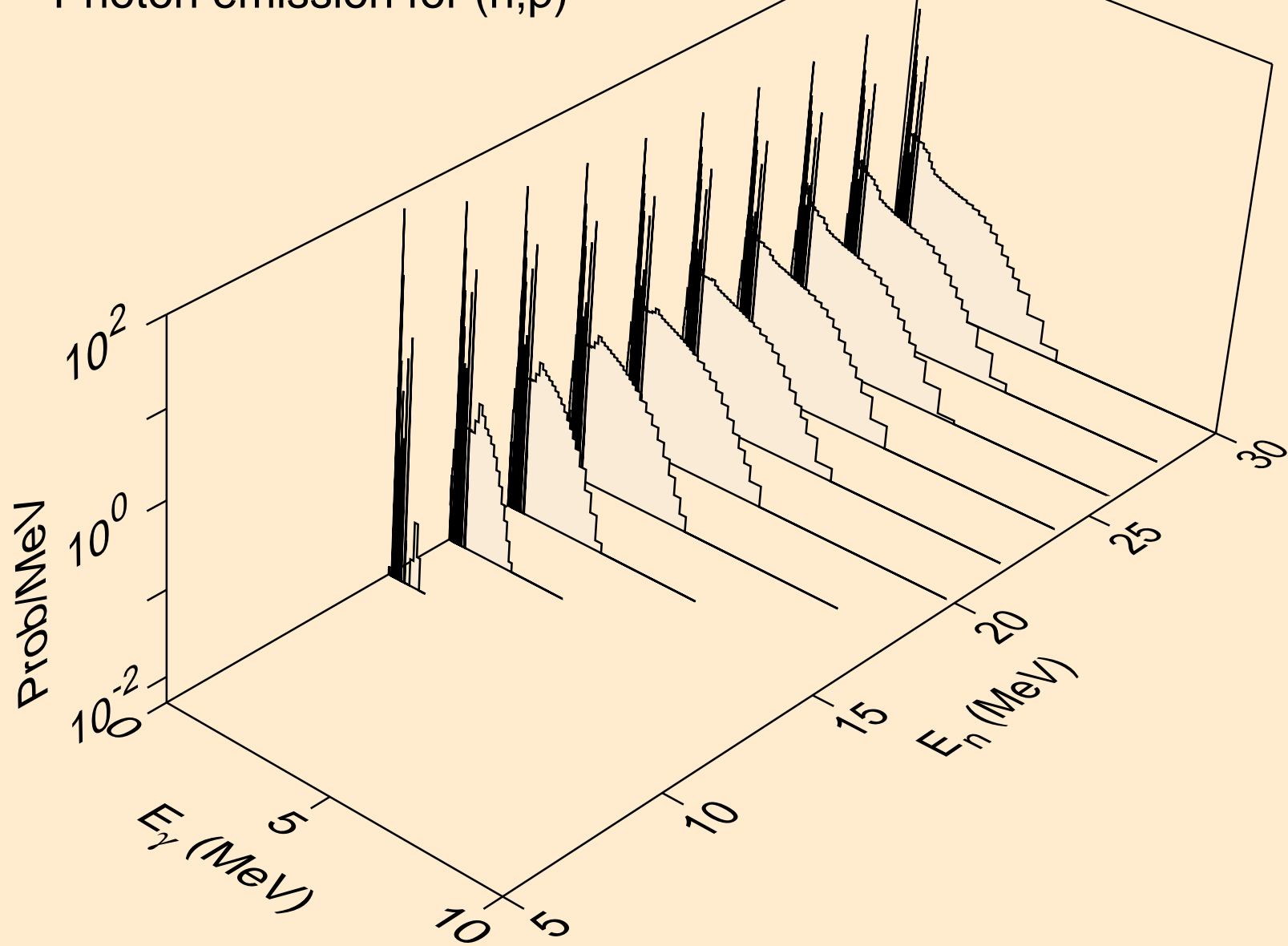
W180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2np)



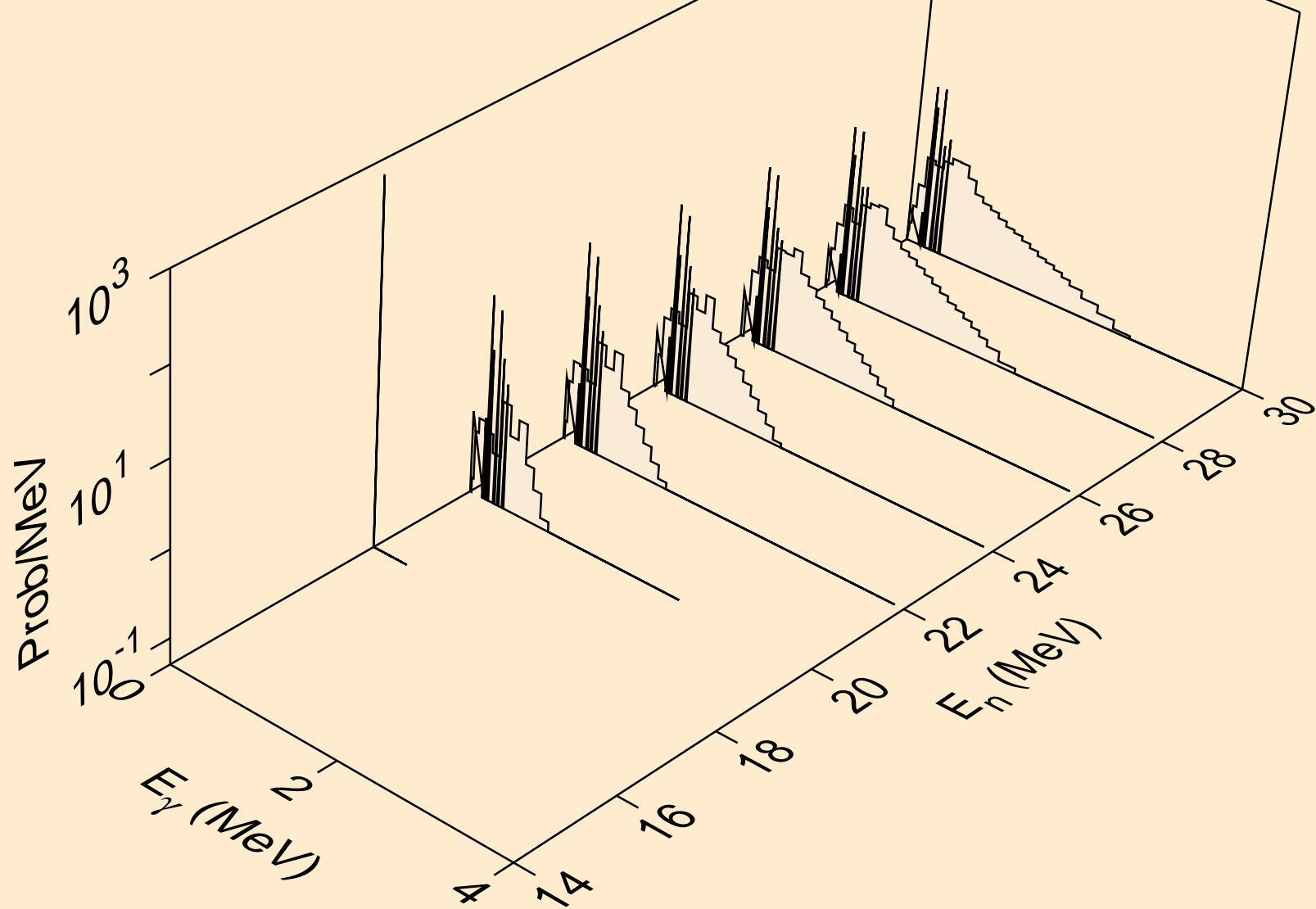
W180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,gma)



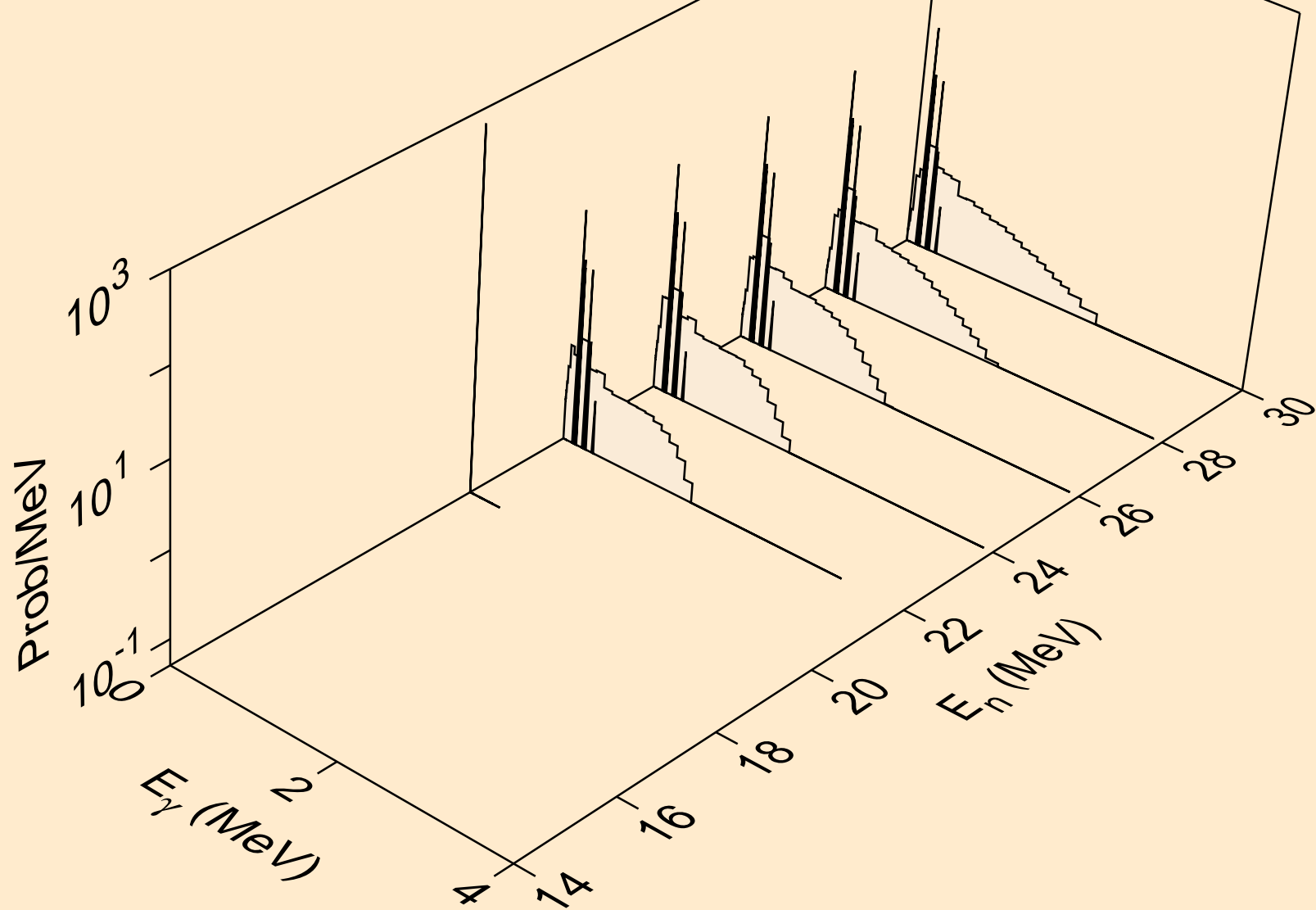
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Photon emission for (n,p)



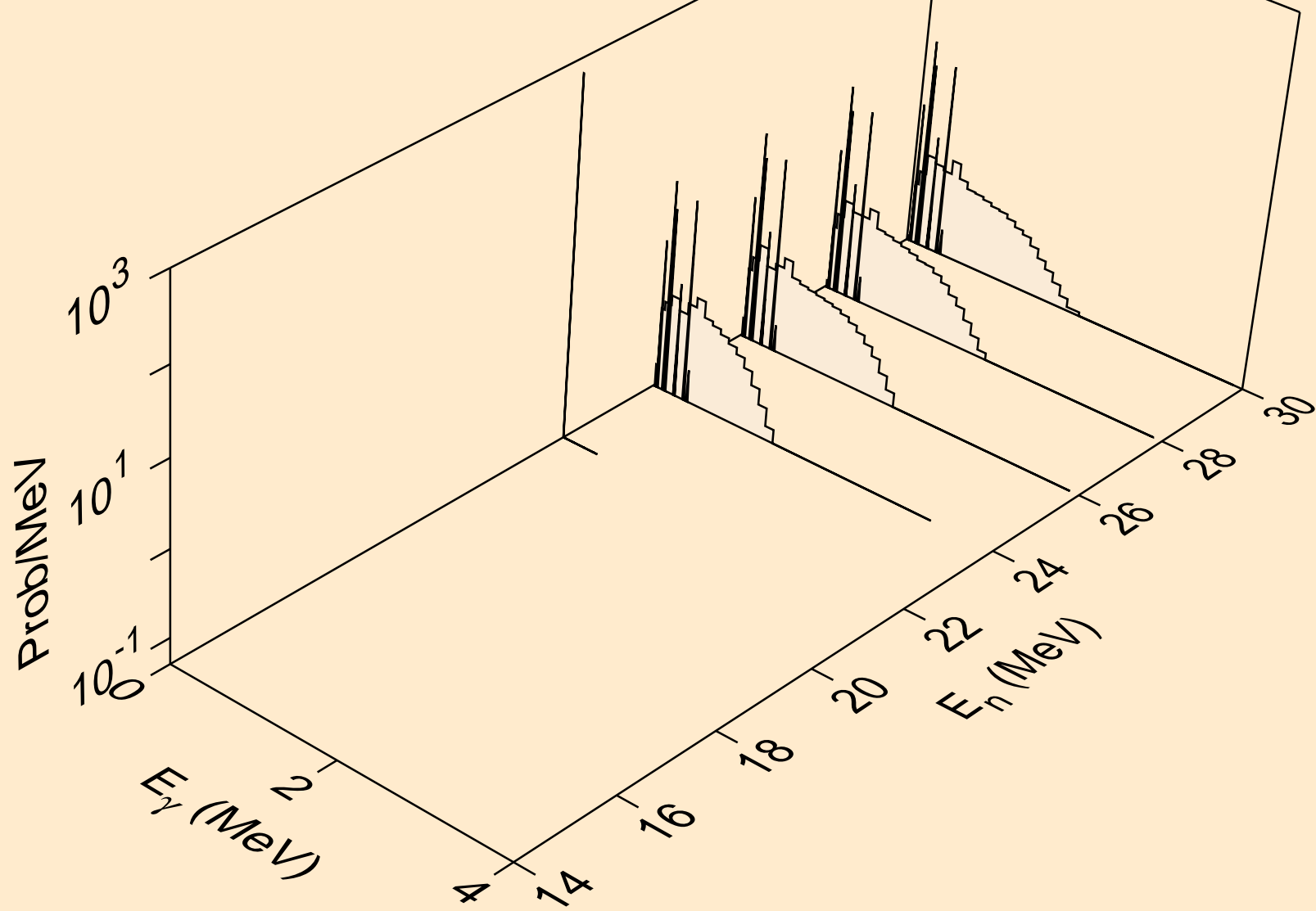
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Photon emission for (n,d)



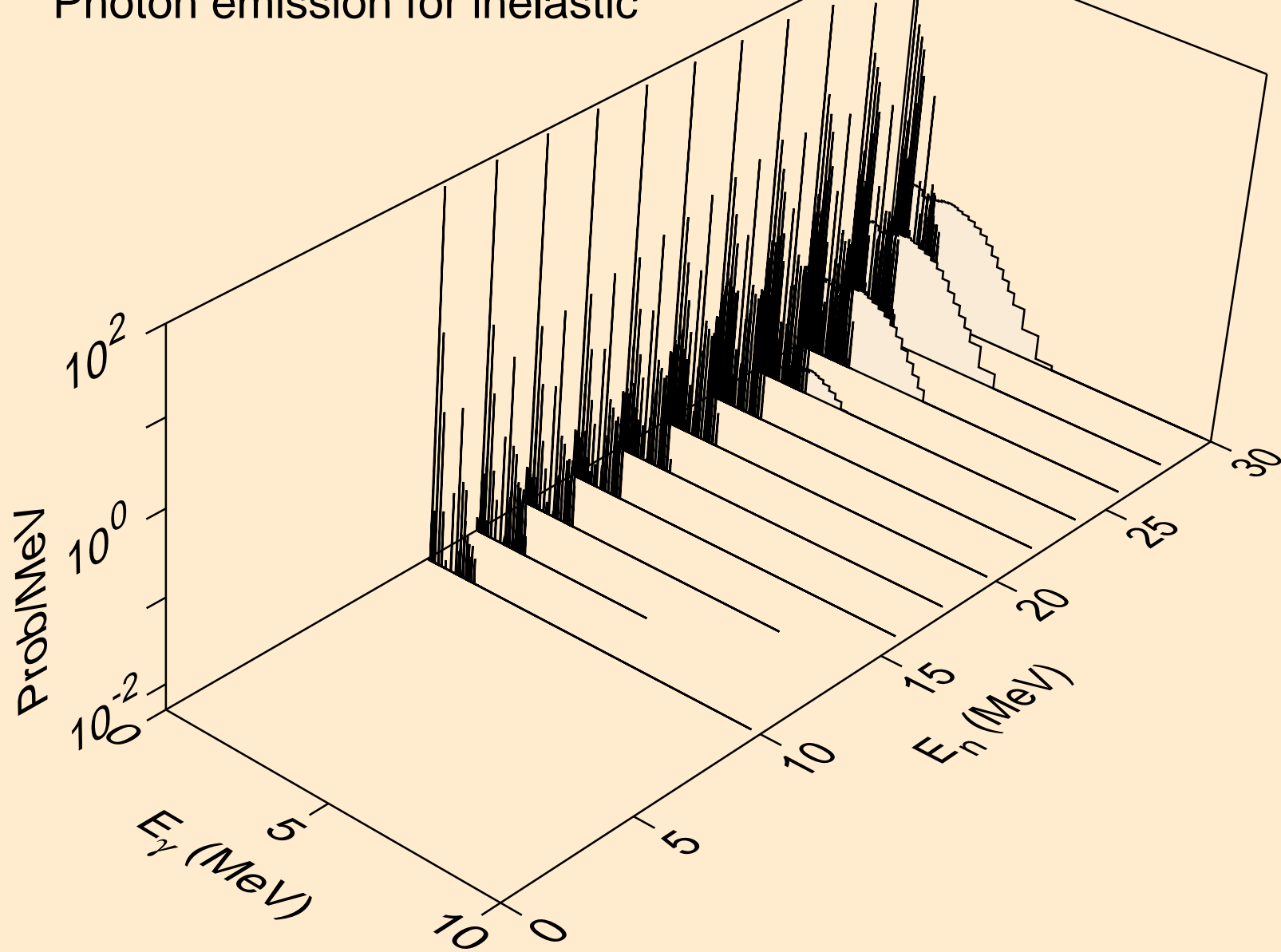
W180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,t)



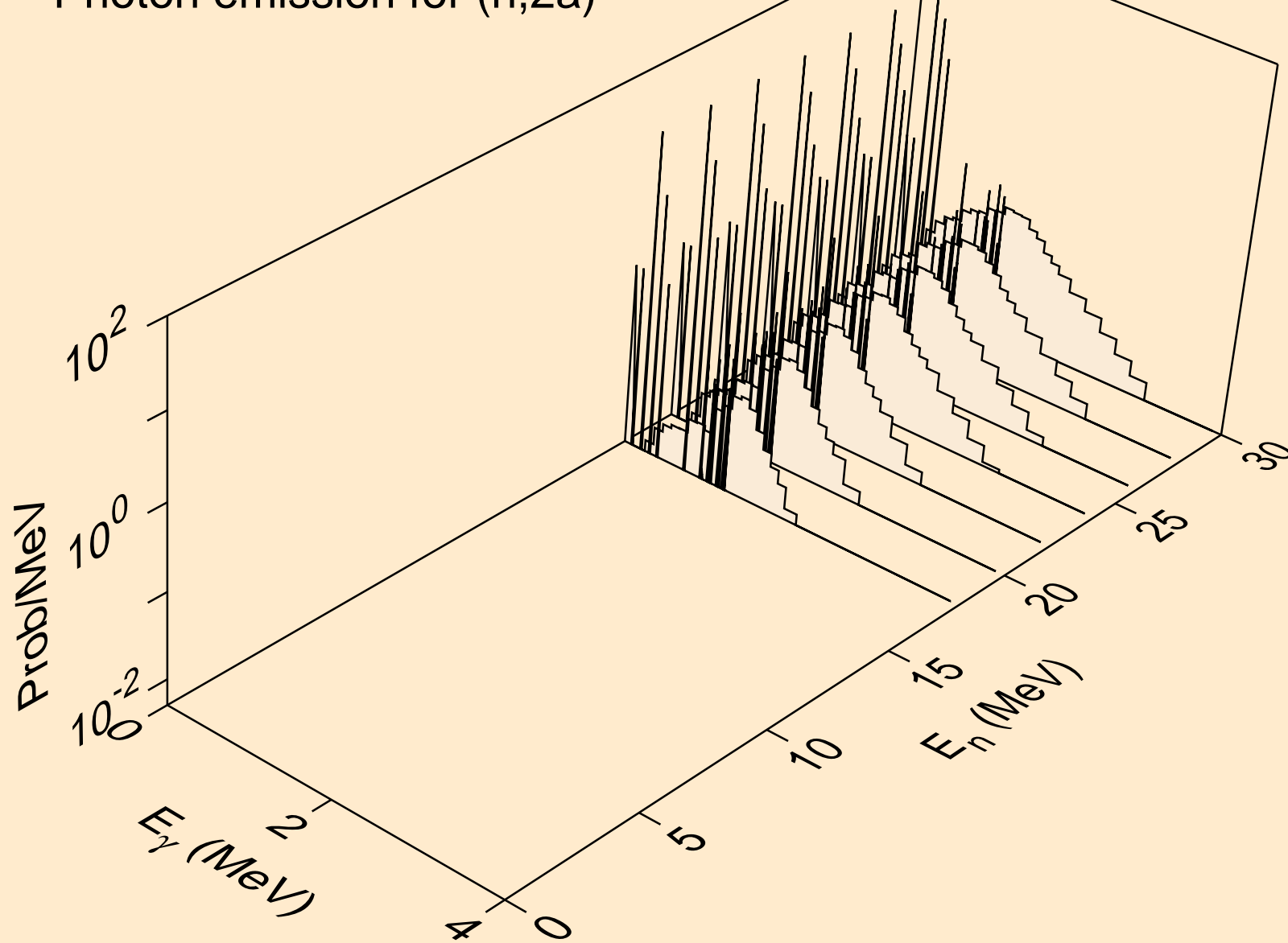
W180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,he3)



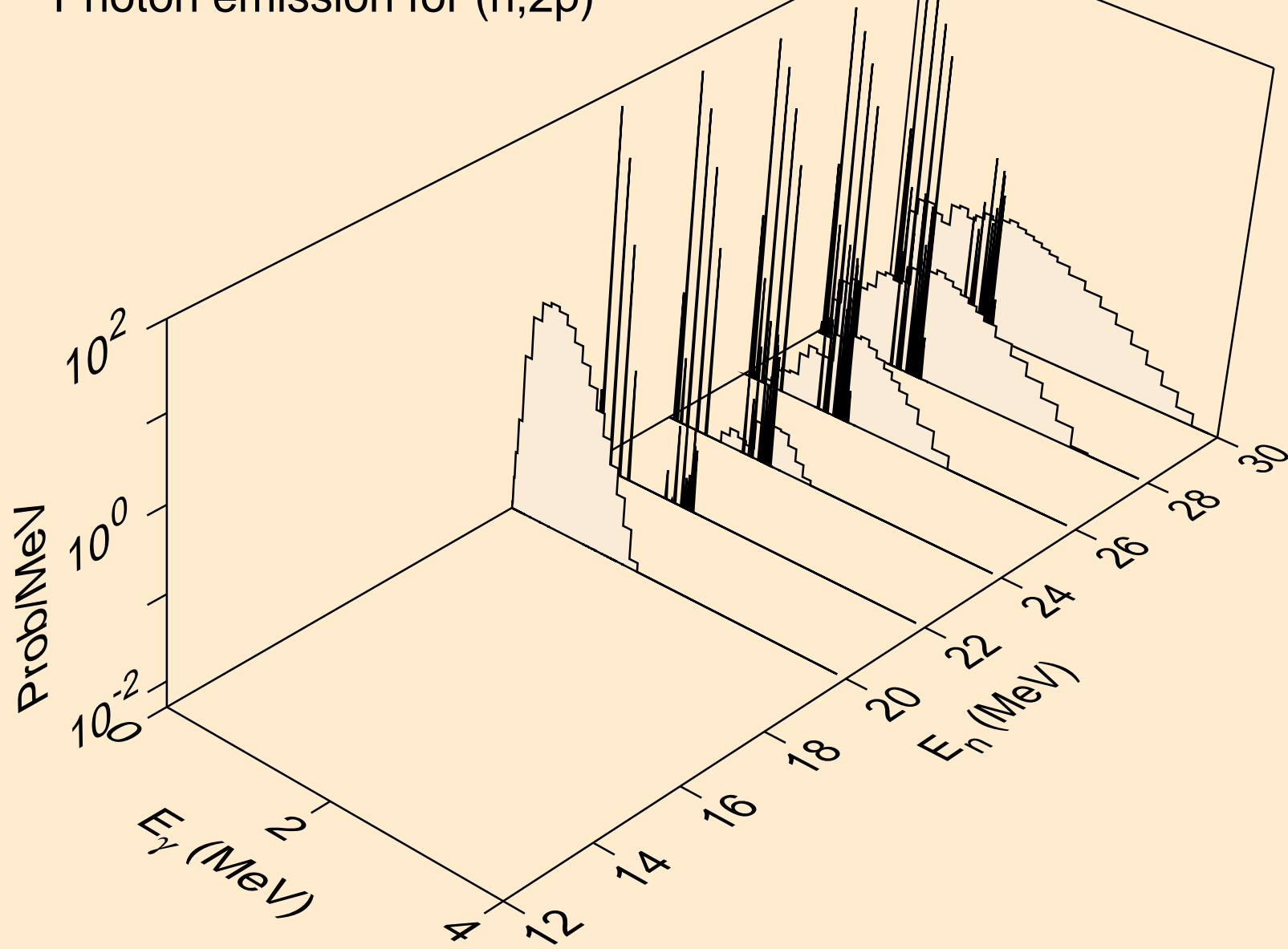
W180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for inelastic



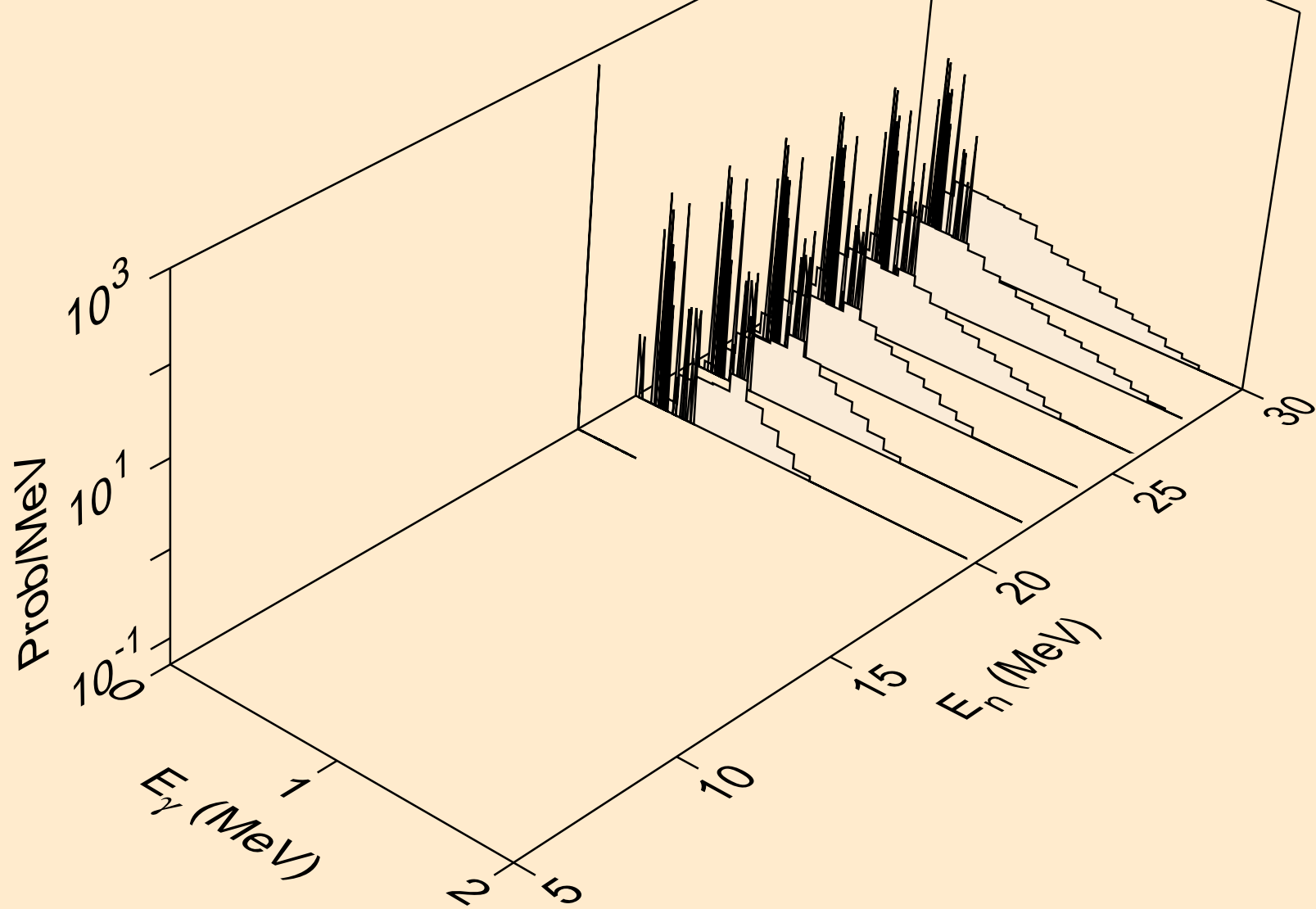
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Photon emission for (n,2a)



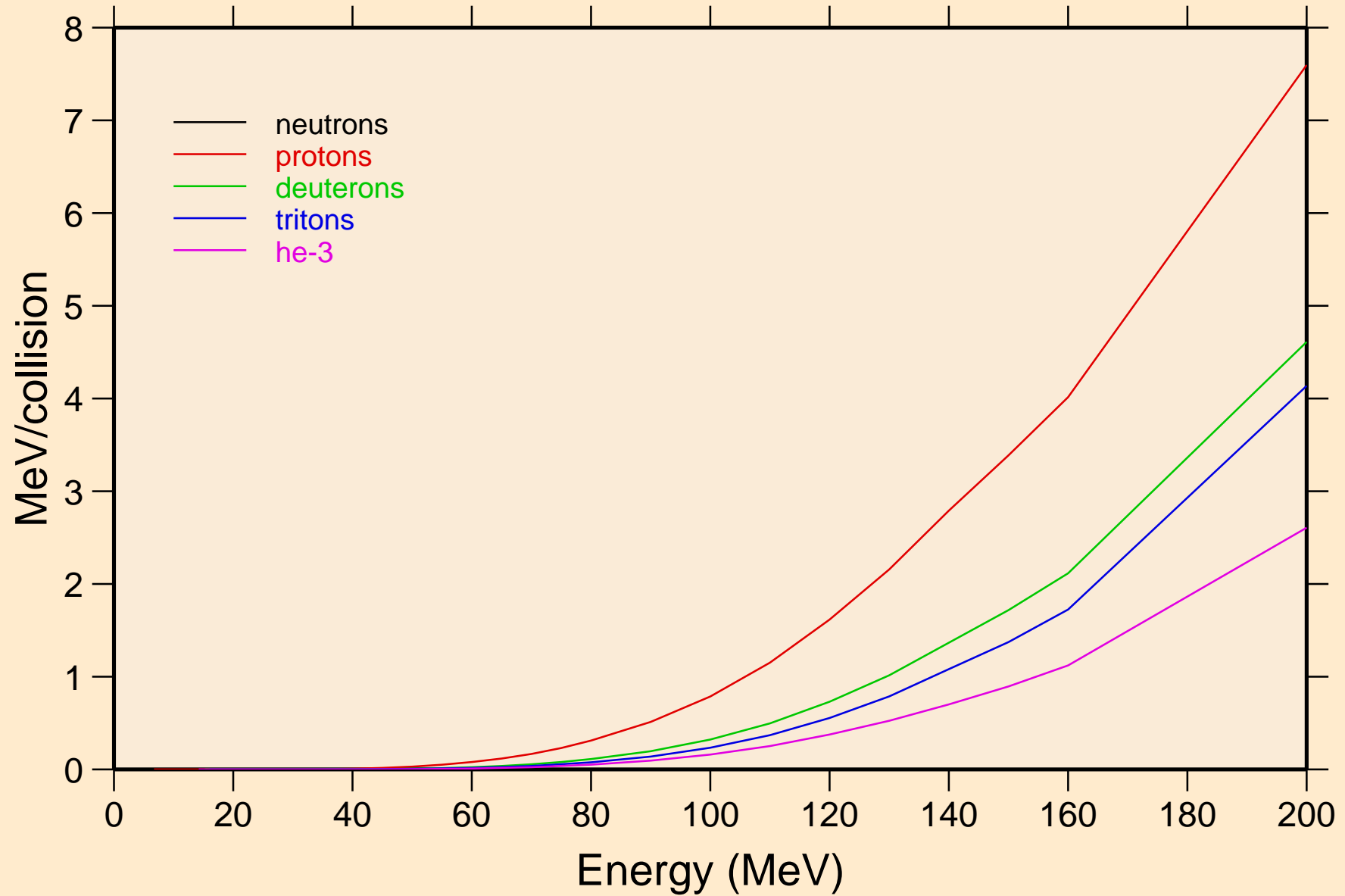
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Photon emission for (n,2p)



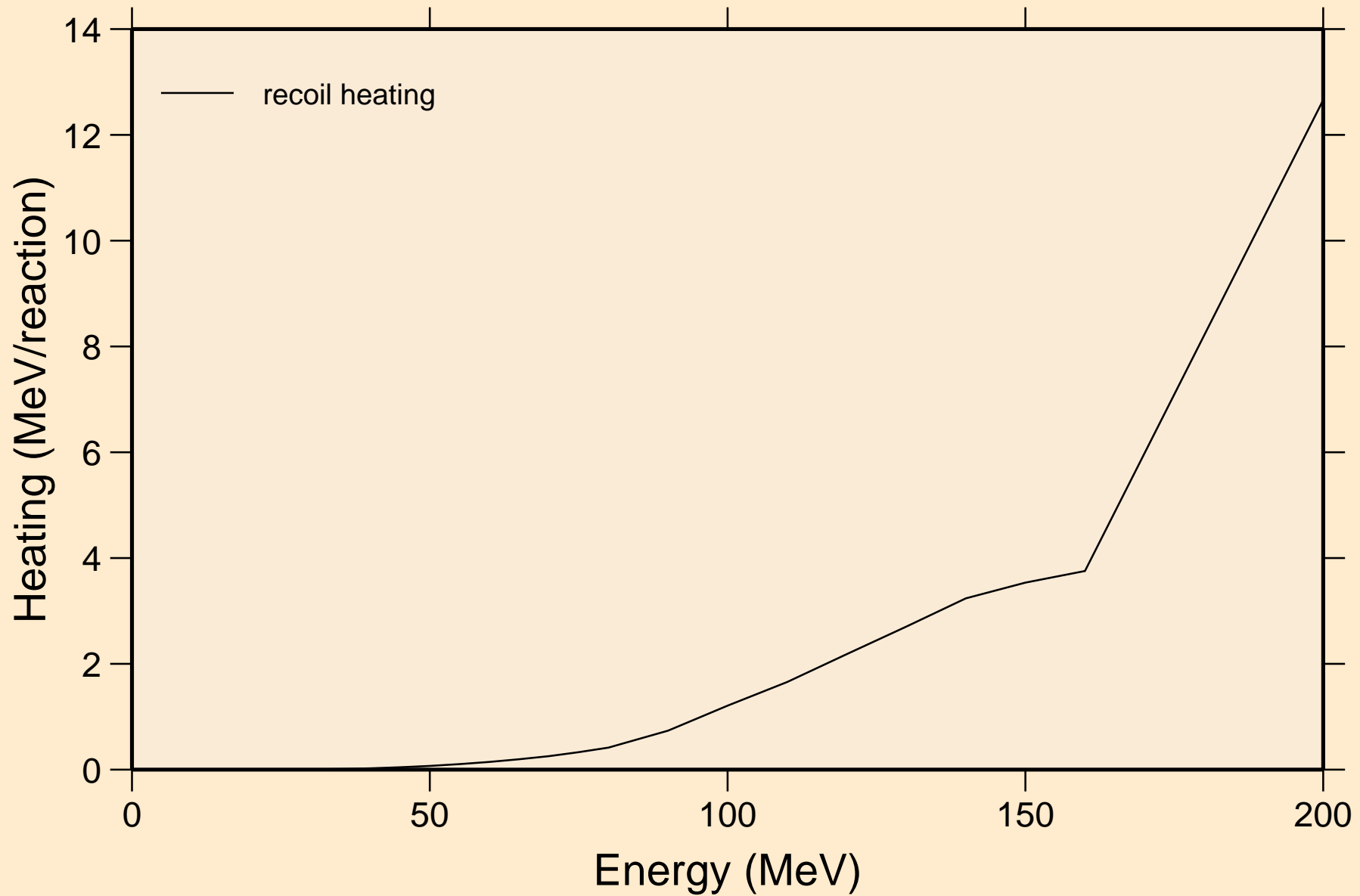
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Photon emission for (n,pa)



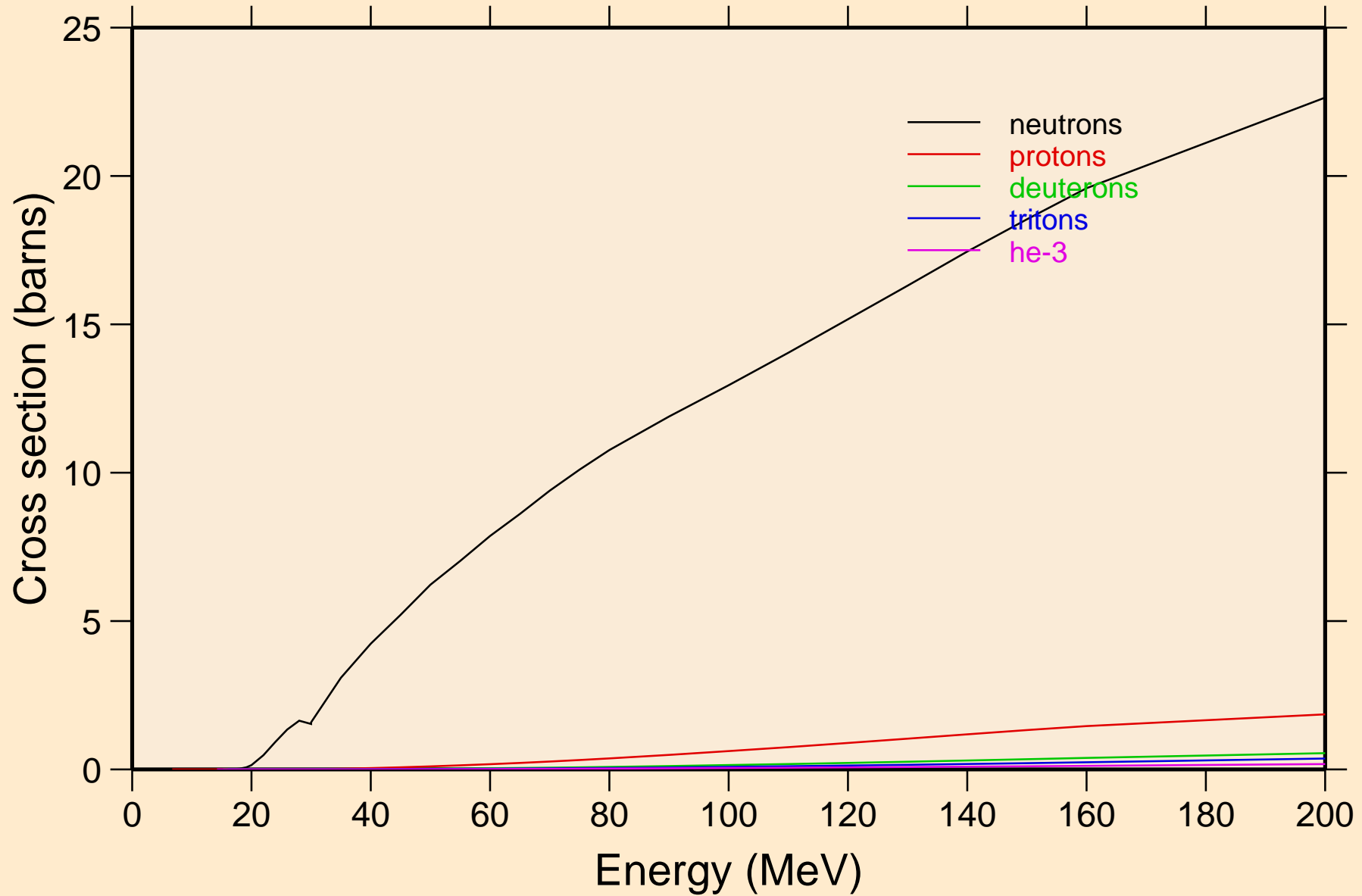
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Particle heating contributions



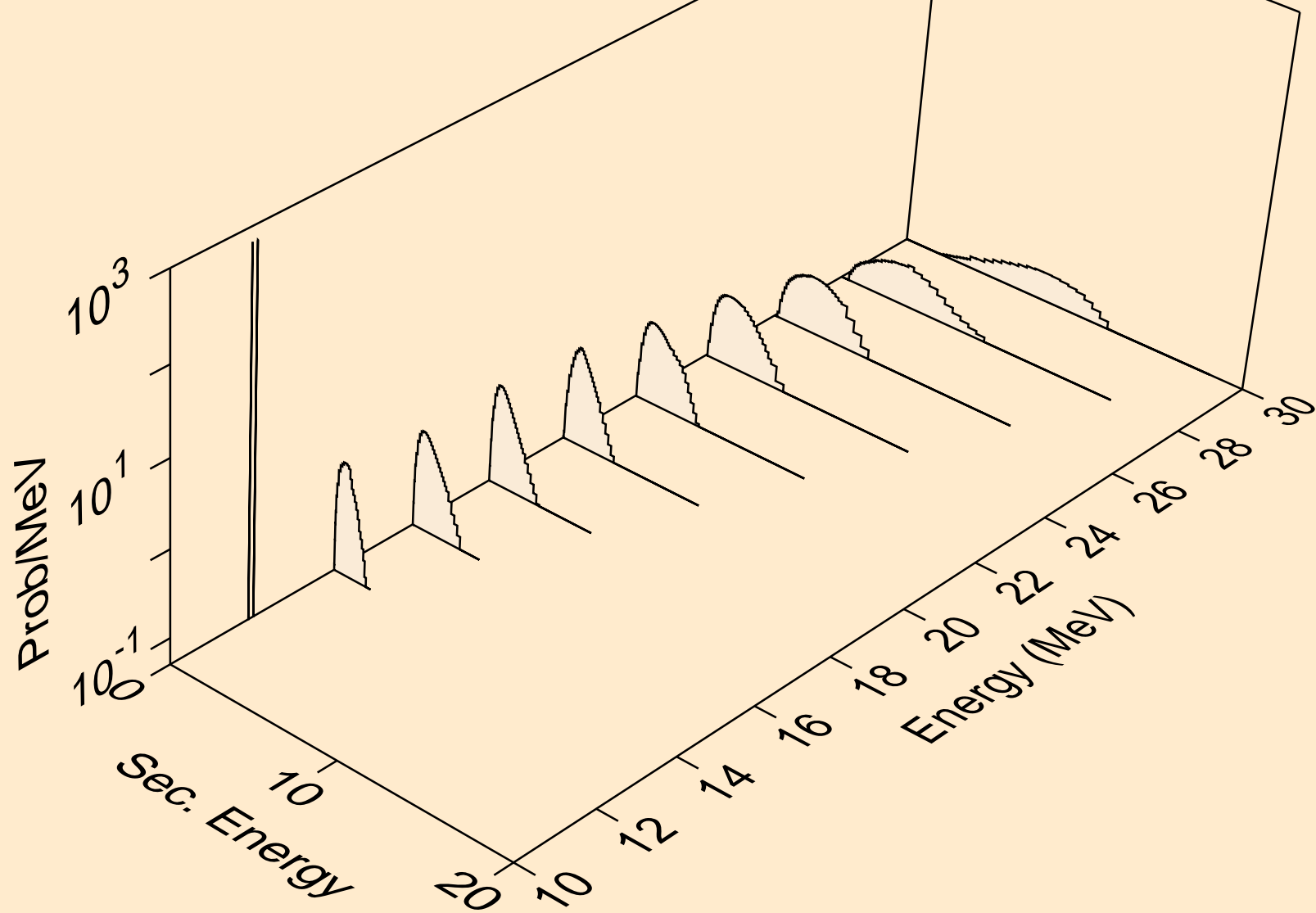
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Recoil Heating



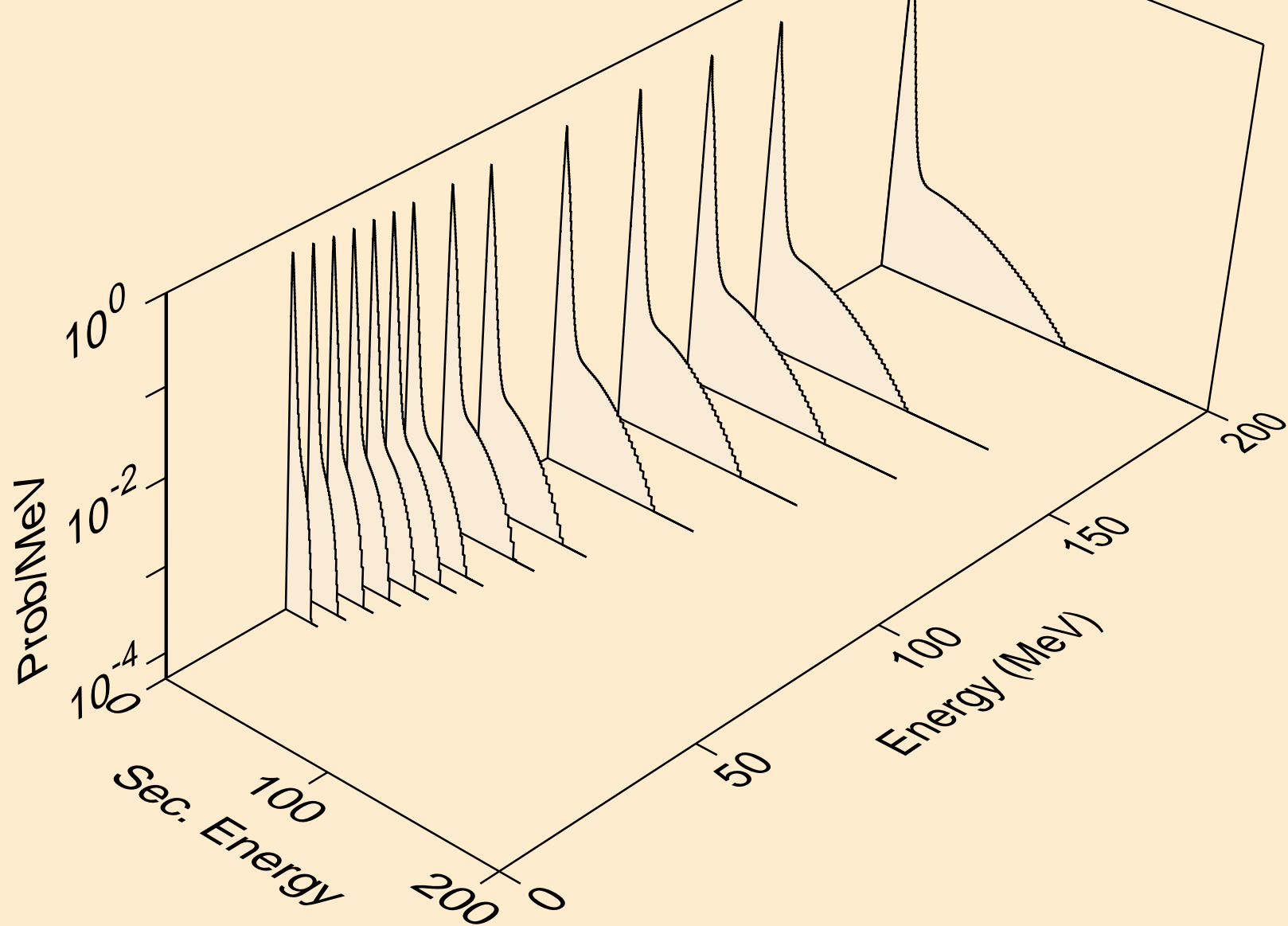
W180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Particle production cross sections



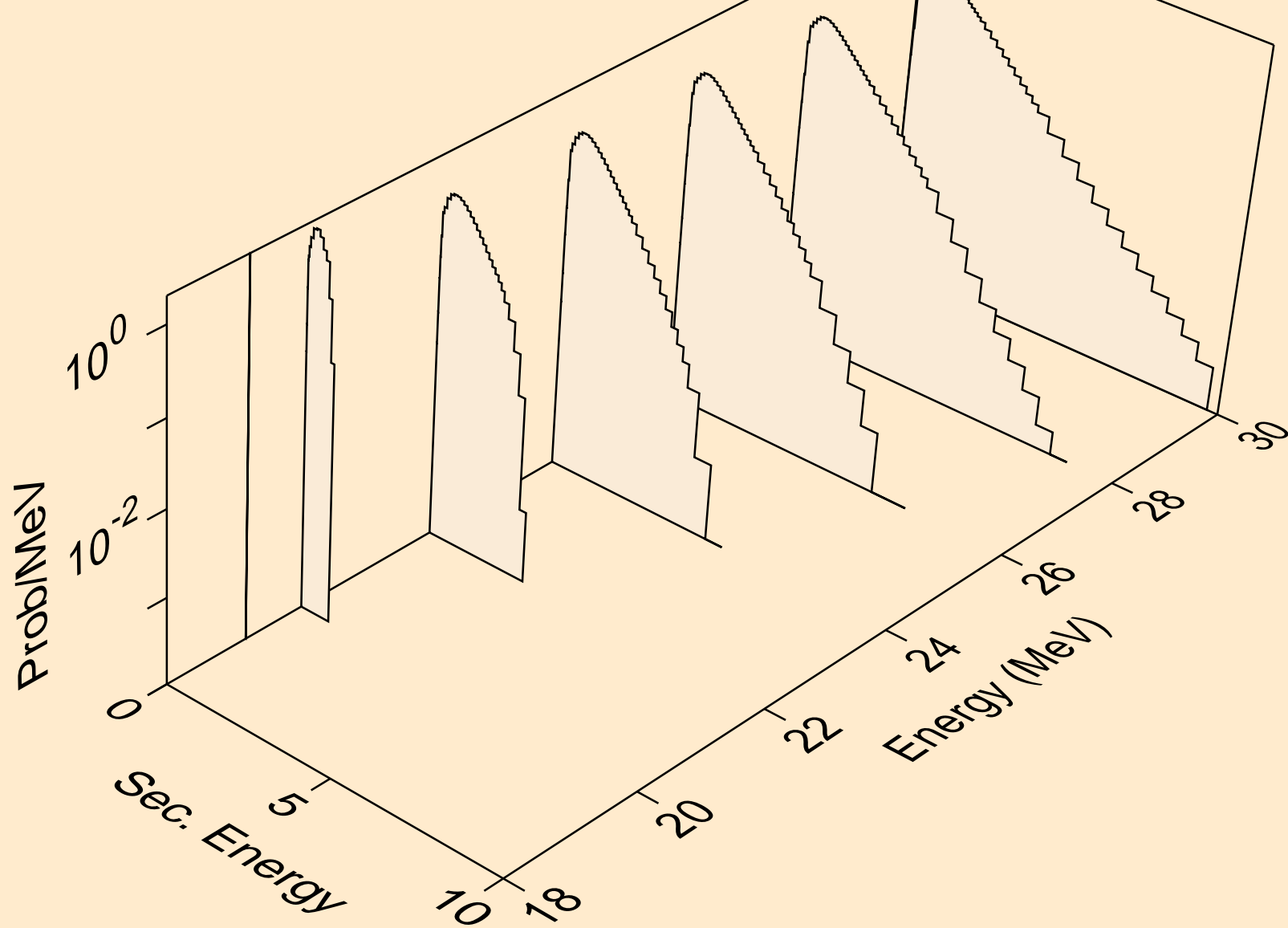
W180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,n)



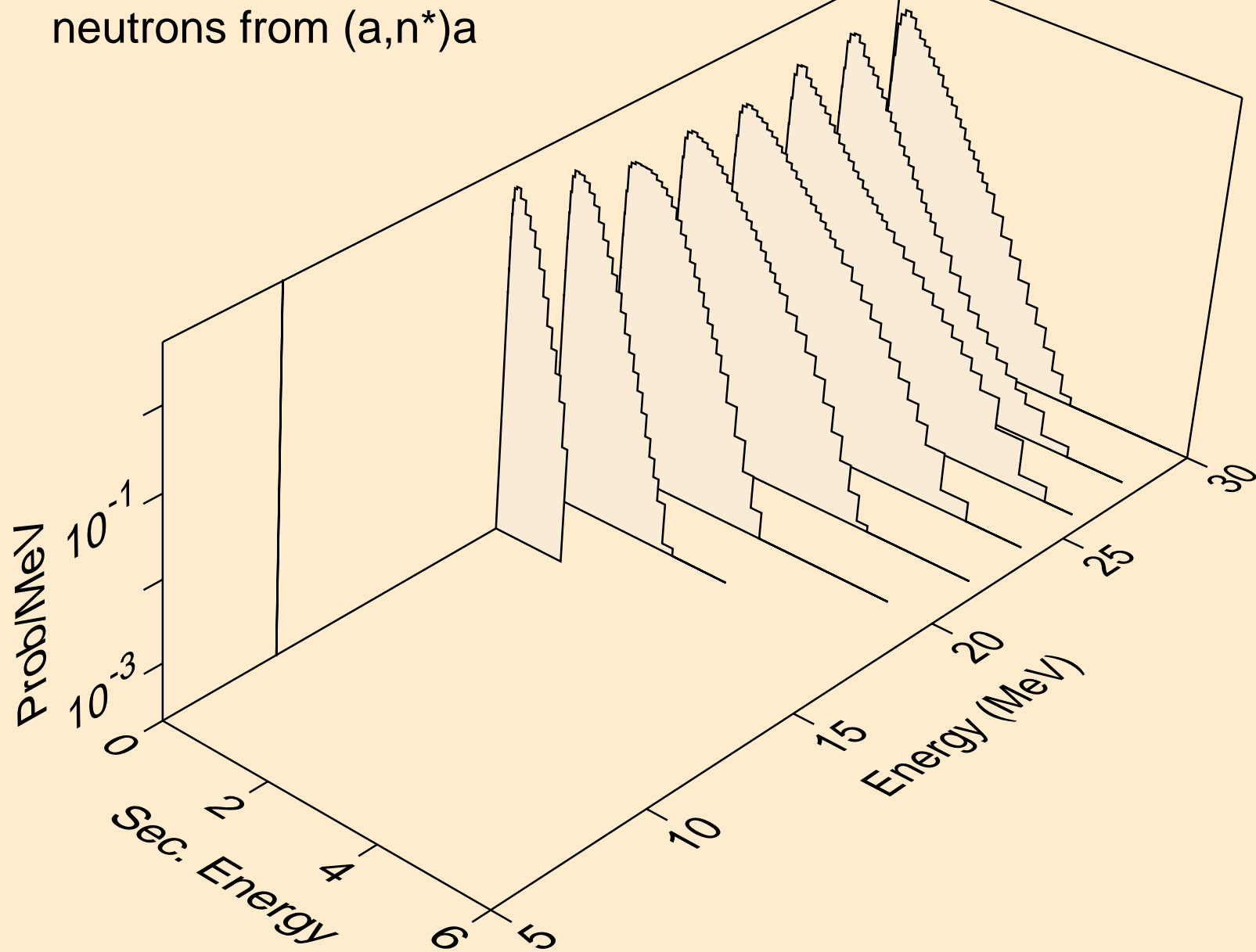
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neutrons from (a,x)



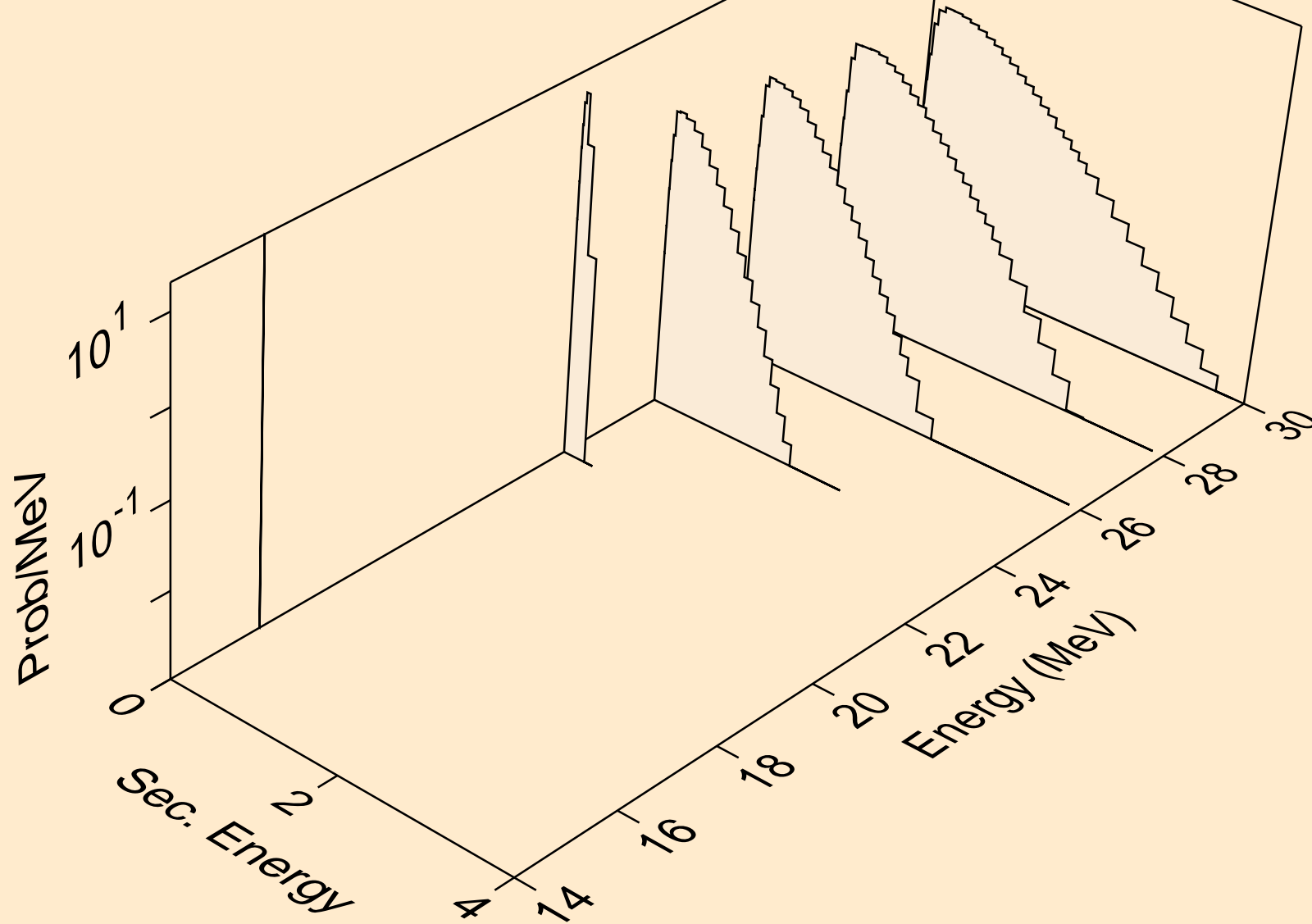
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neutrons from (a,2n)



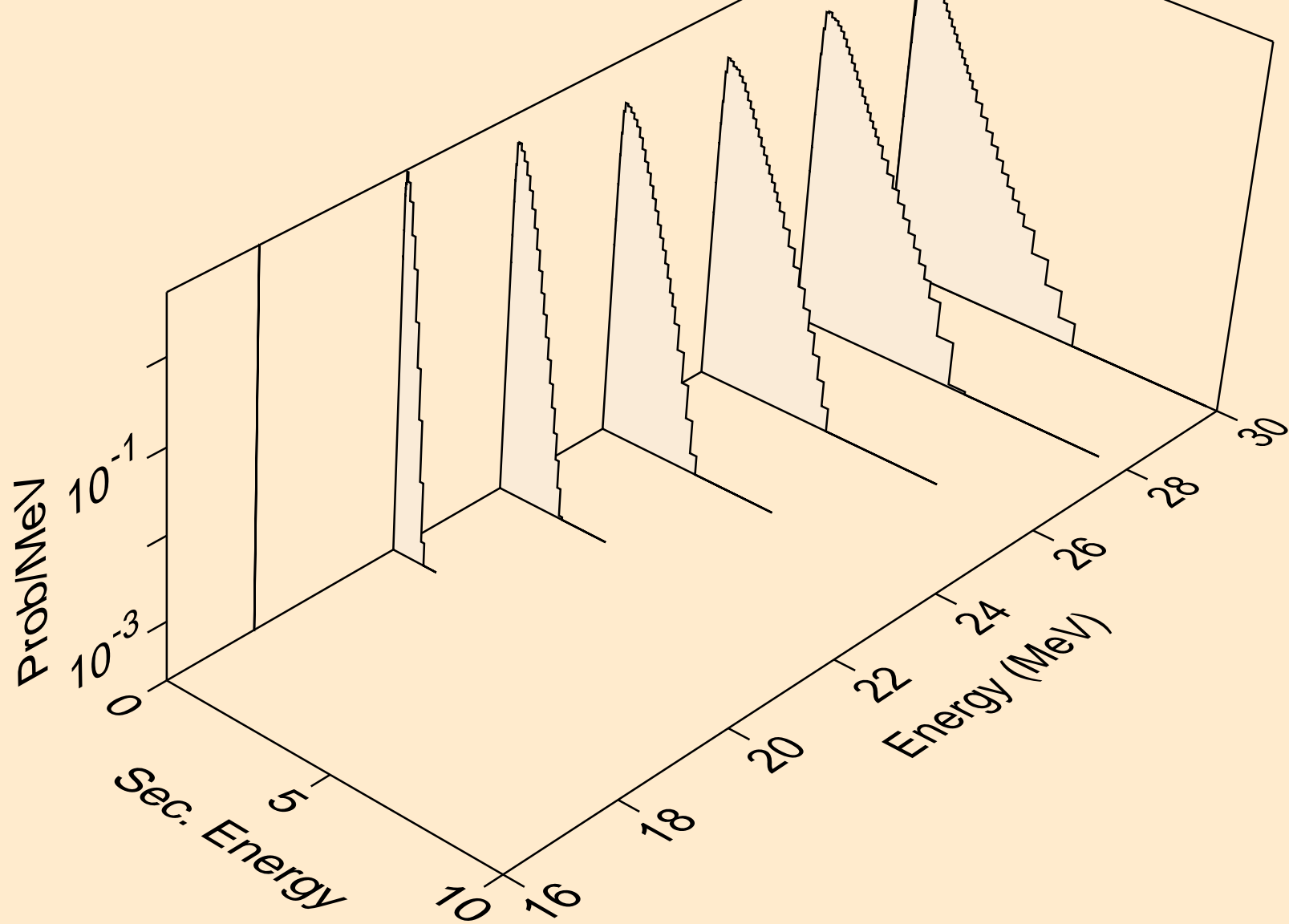
W180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,n*)a



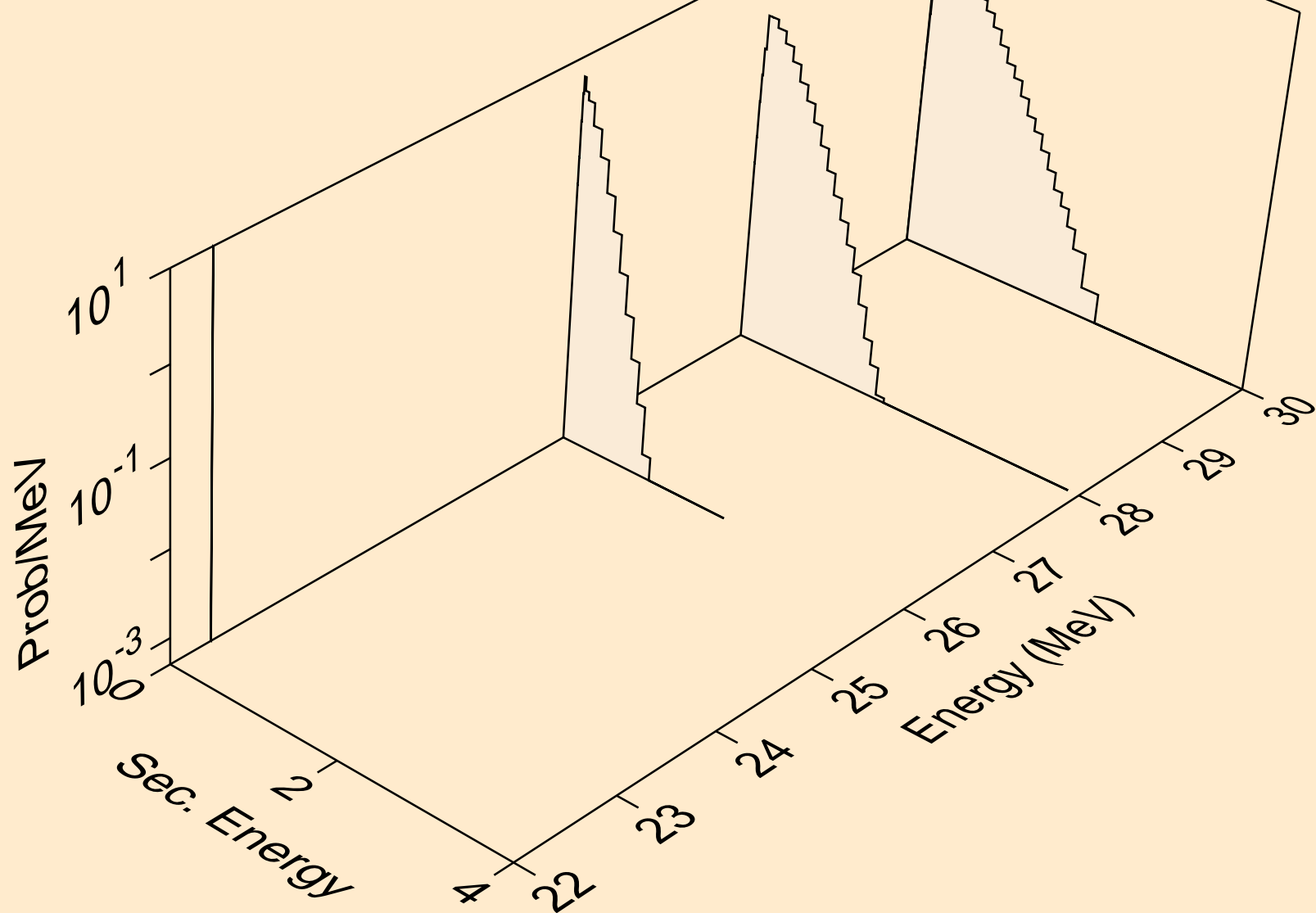
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neutrons from (a,2n)a



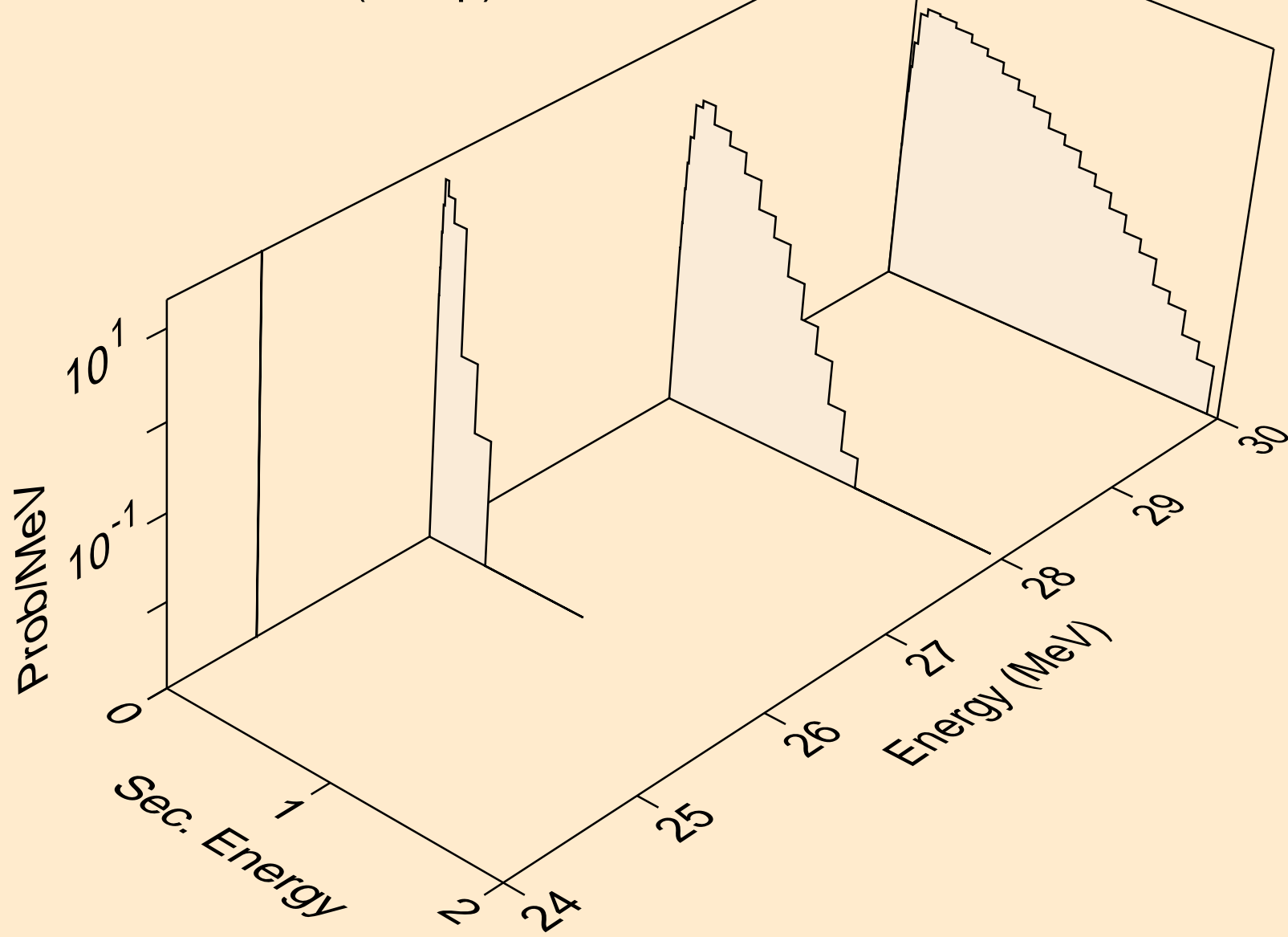
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neutrons from (a,n*)p



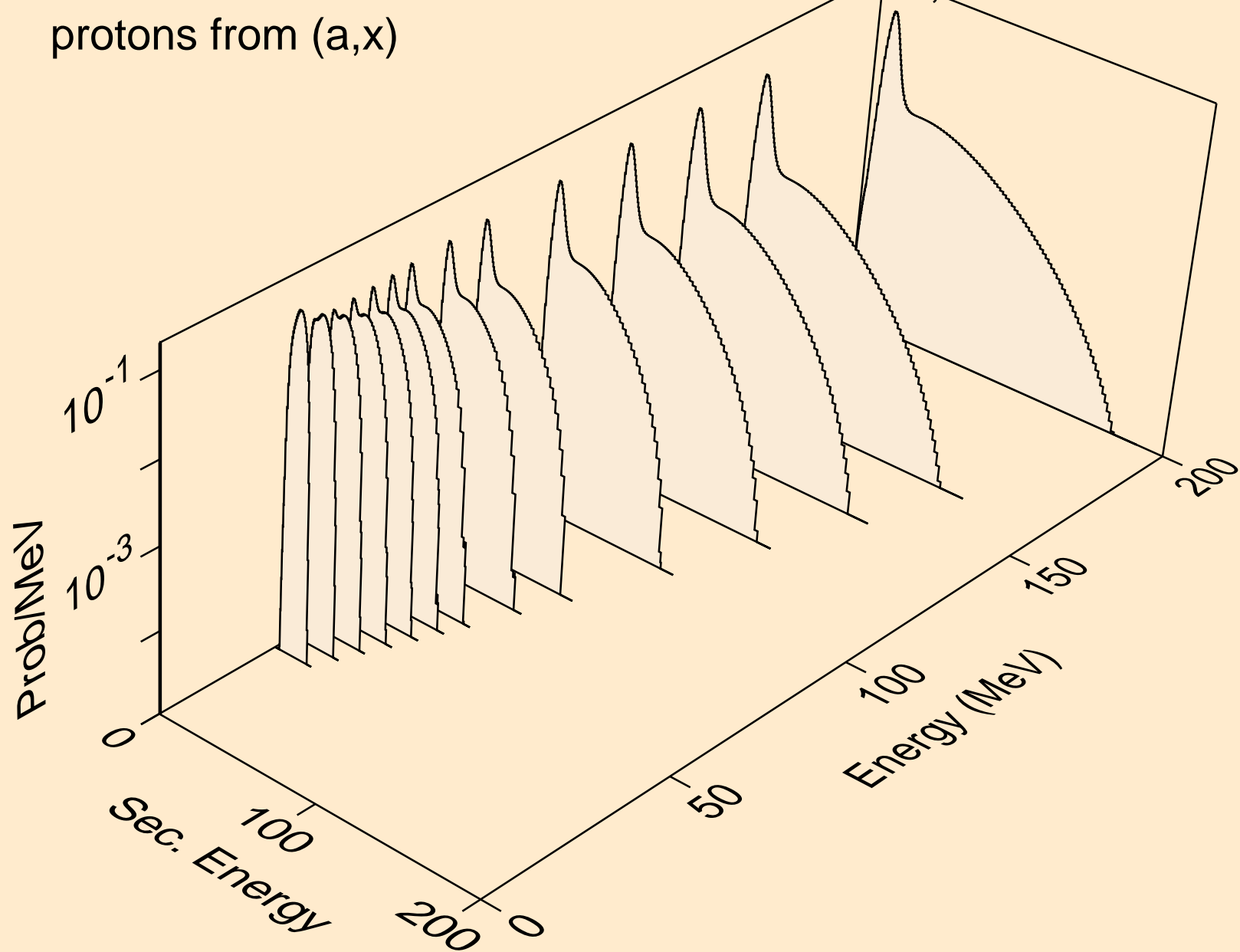
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neutrons from (a,n*)d



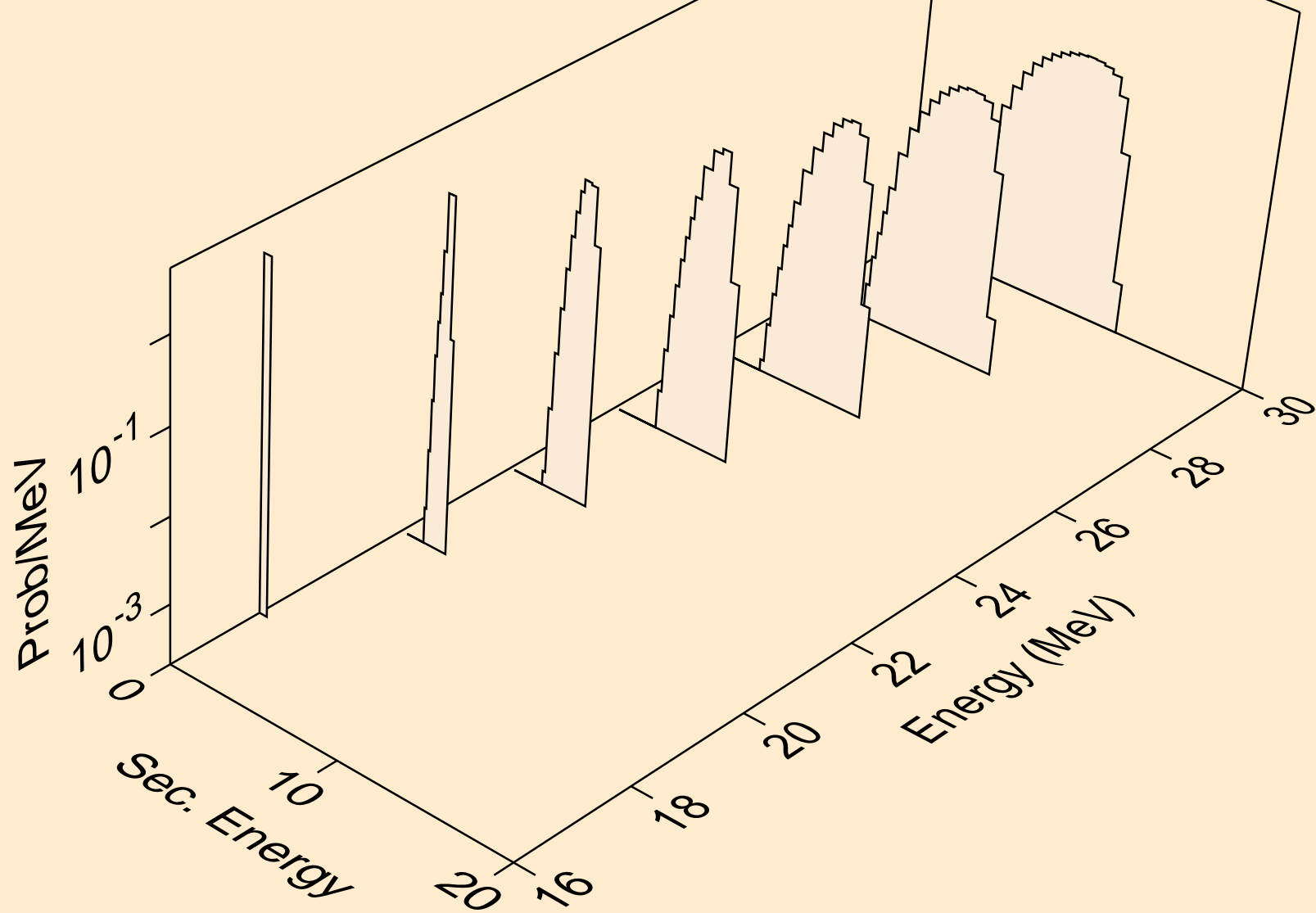
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neutrons from (a,2np)



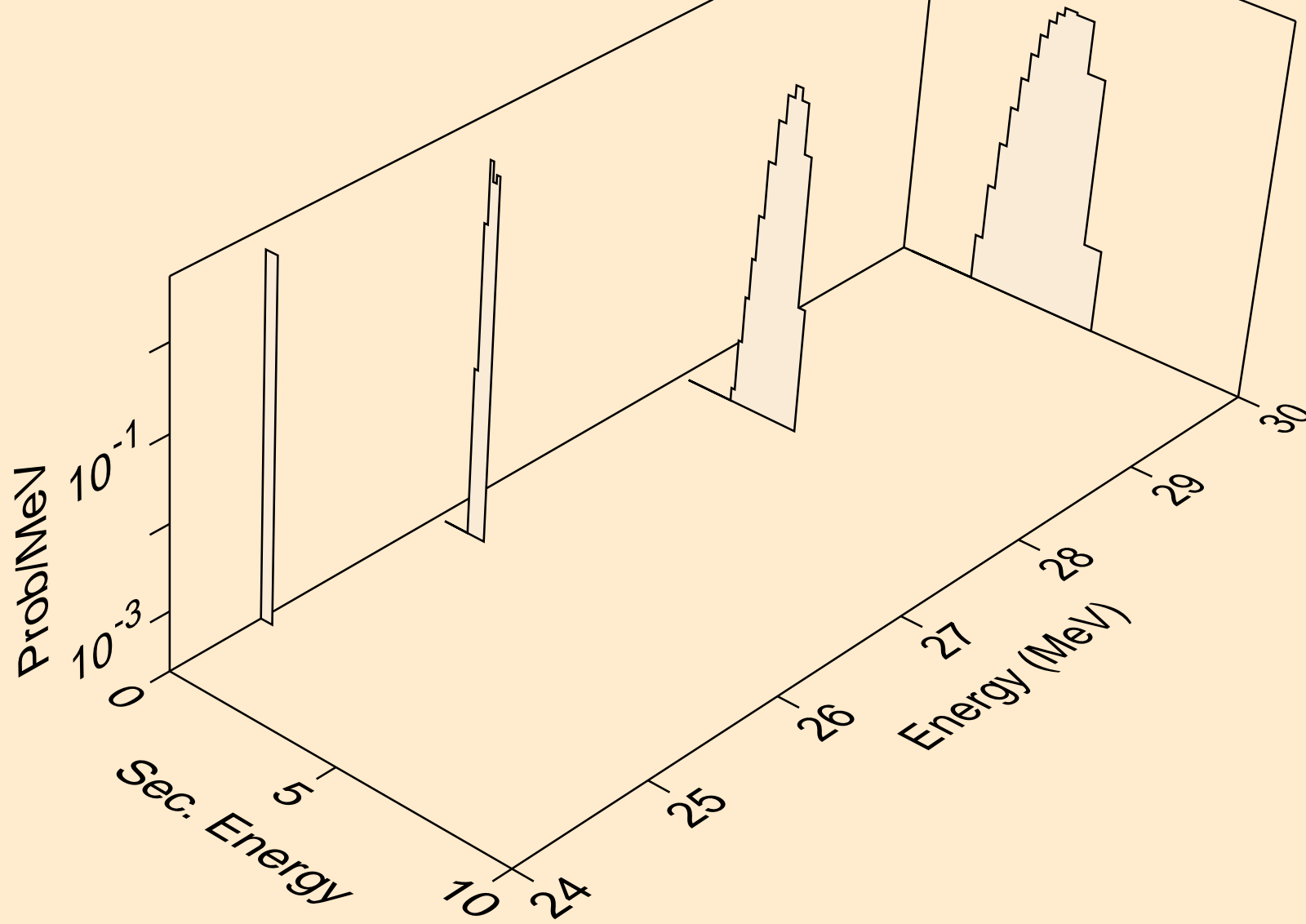
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protons from (a,x)



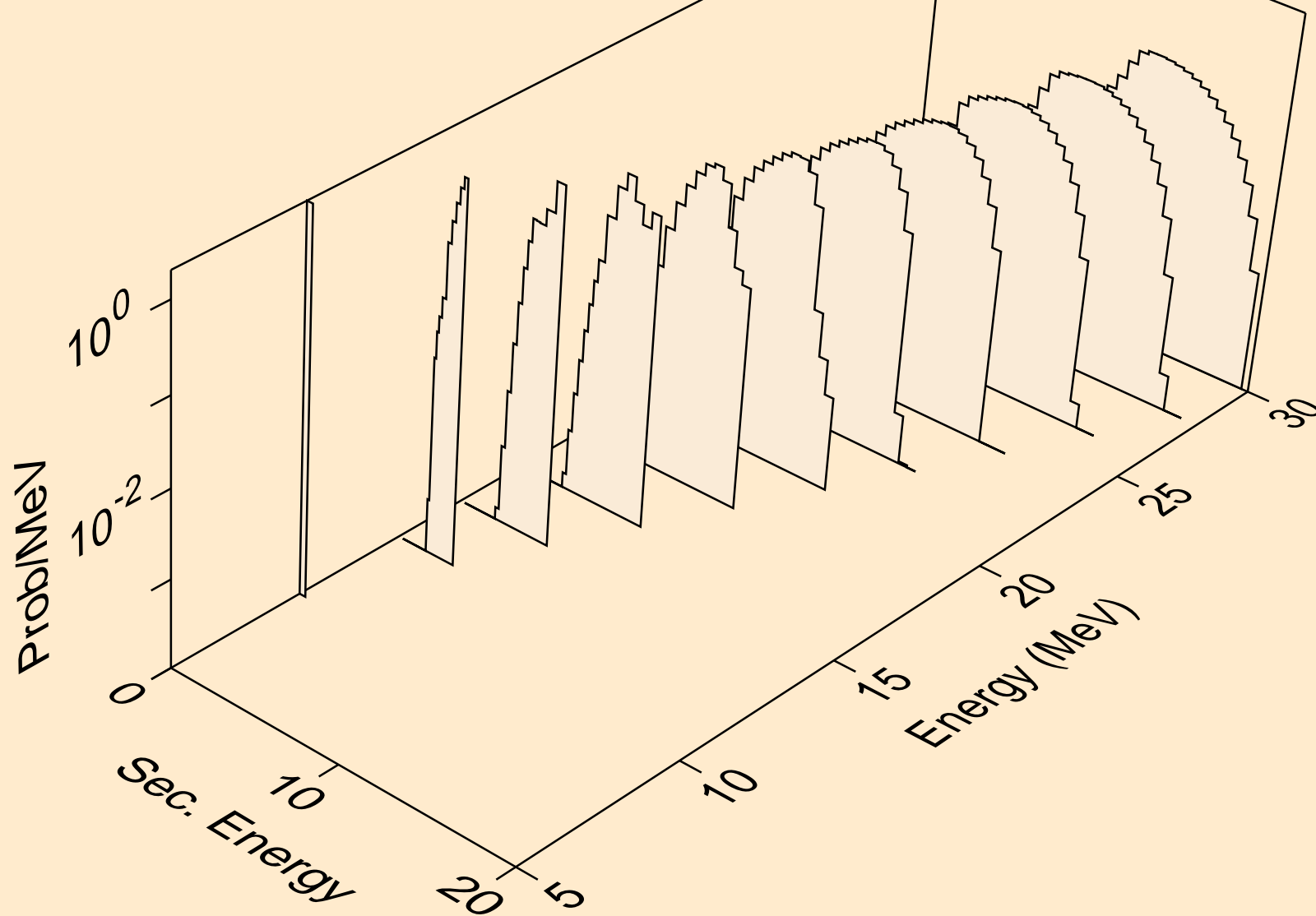
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protons from (a,n*)p



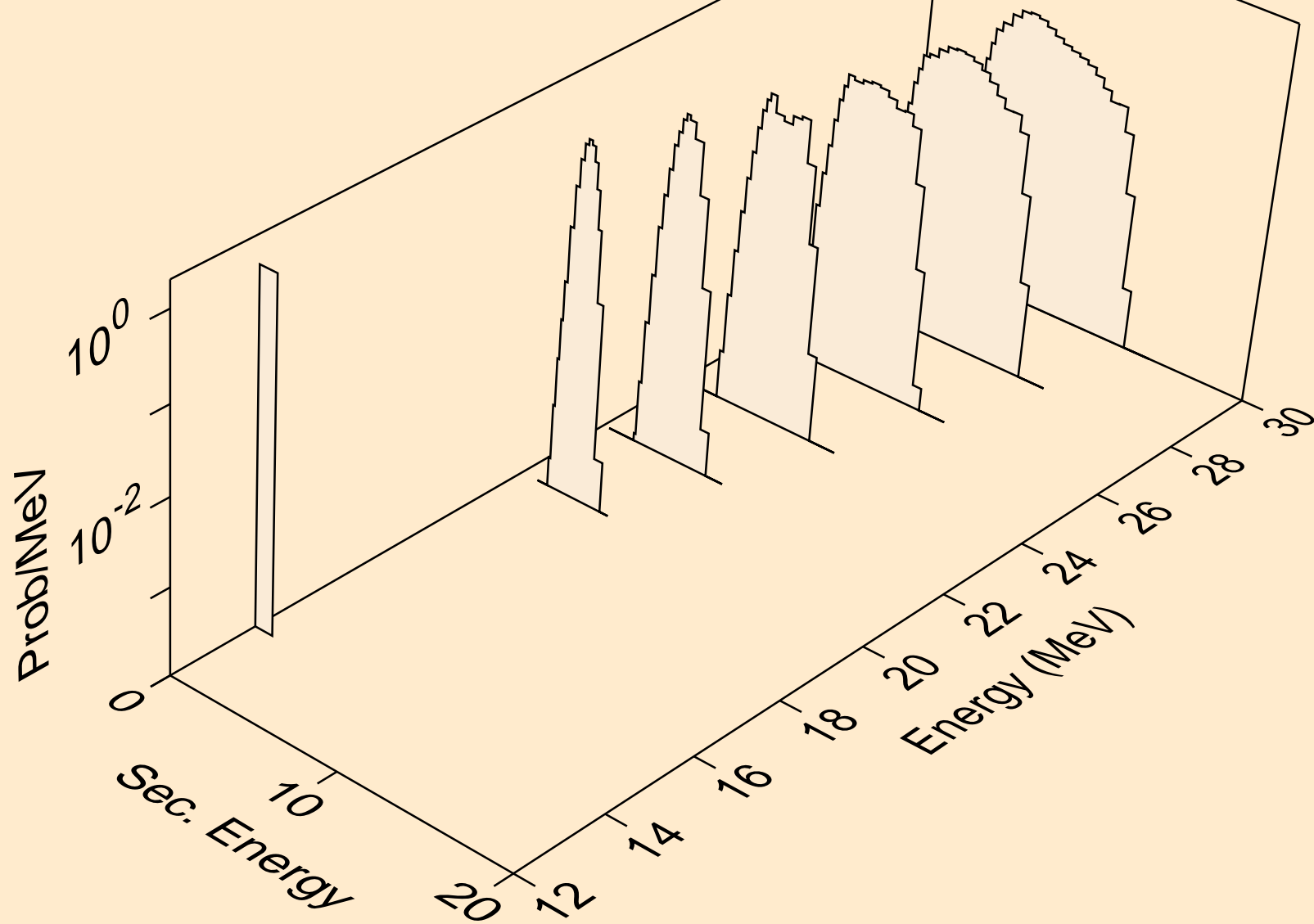
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protons from (a,2np)



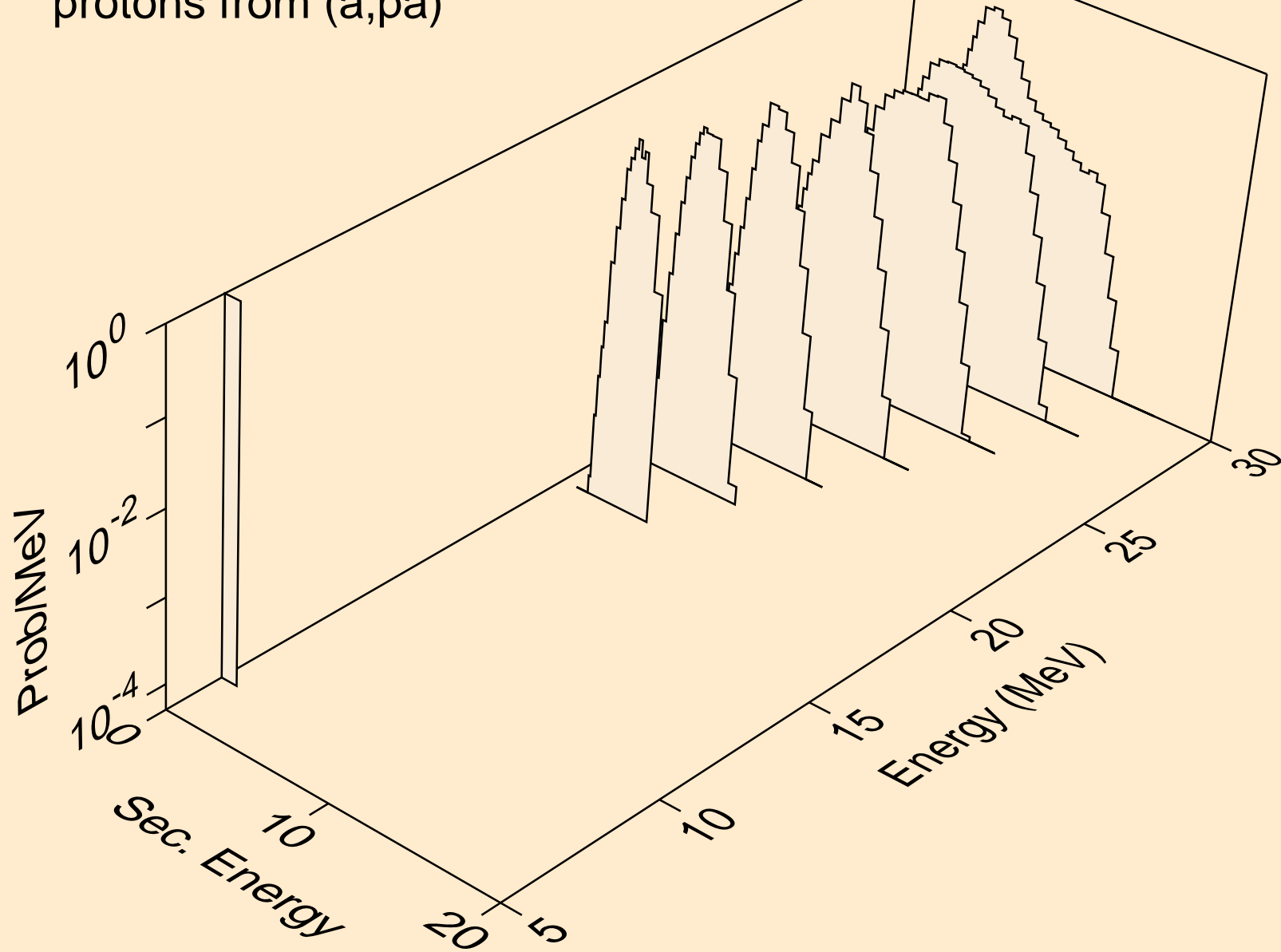
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protons from (a,p)



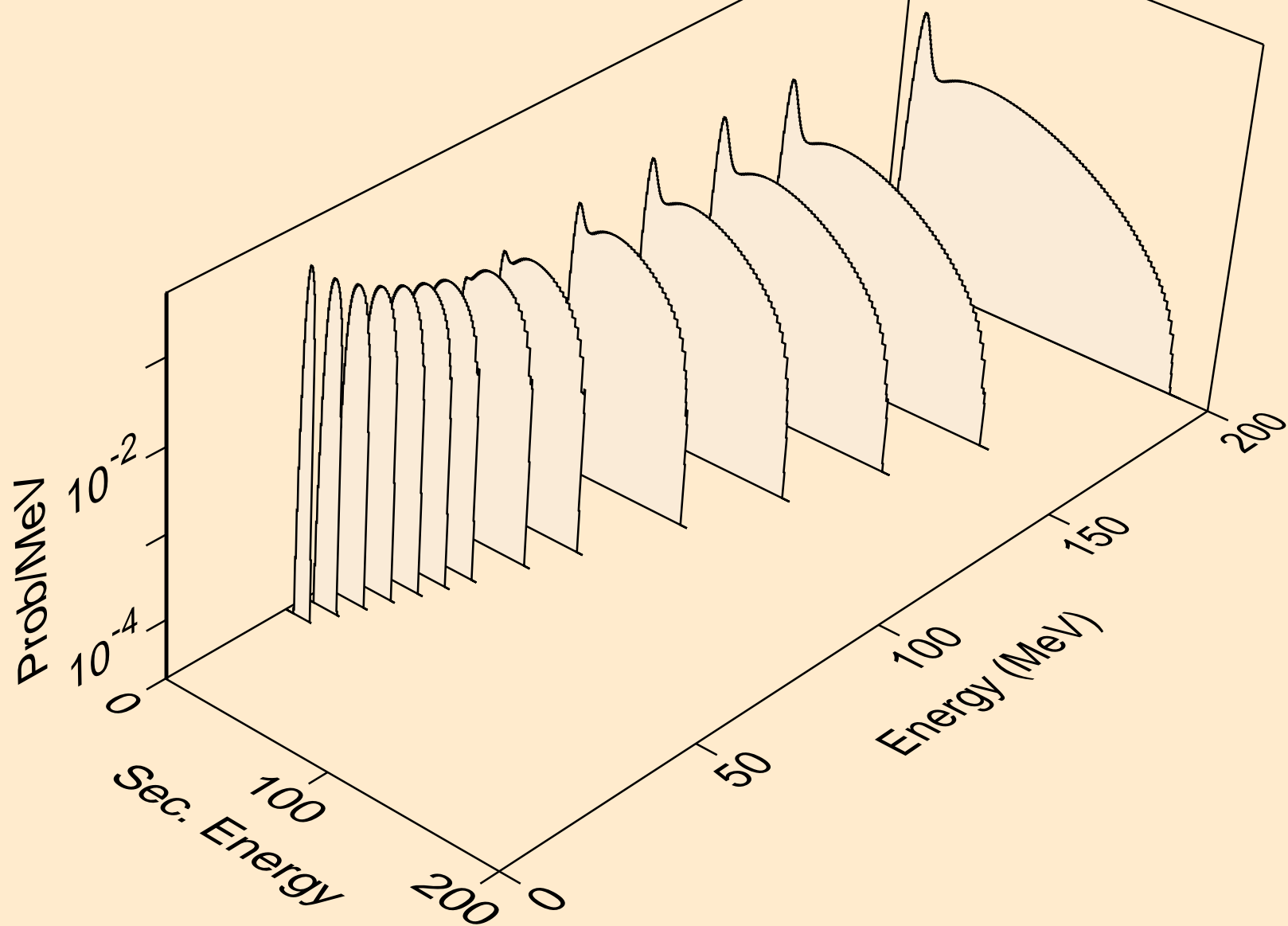
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protons from (a,2p)



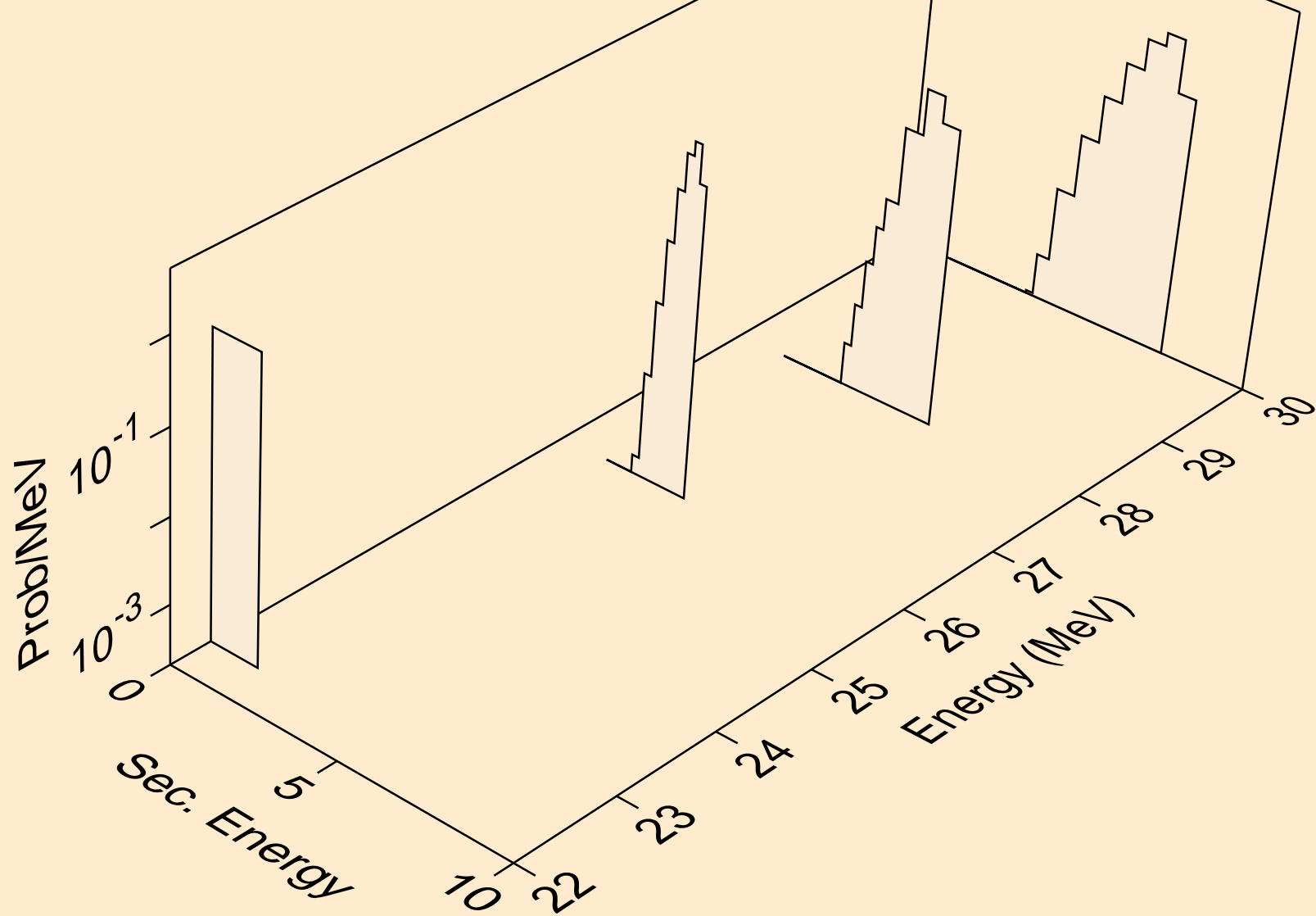
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protons from (a,pa)



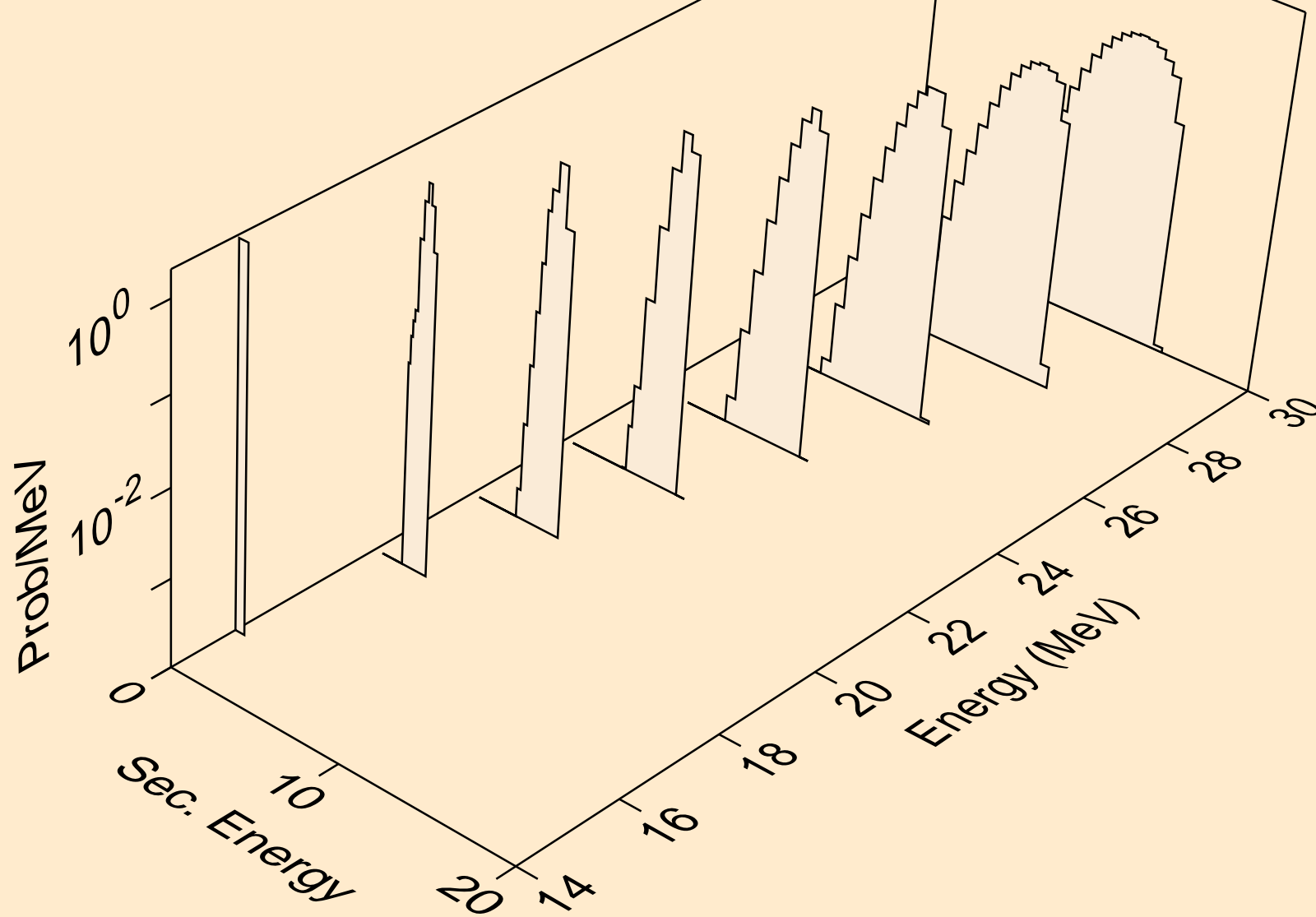
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deuterons from (a,x)



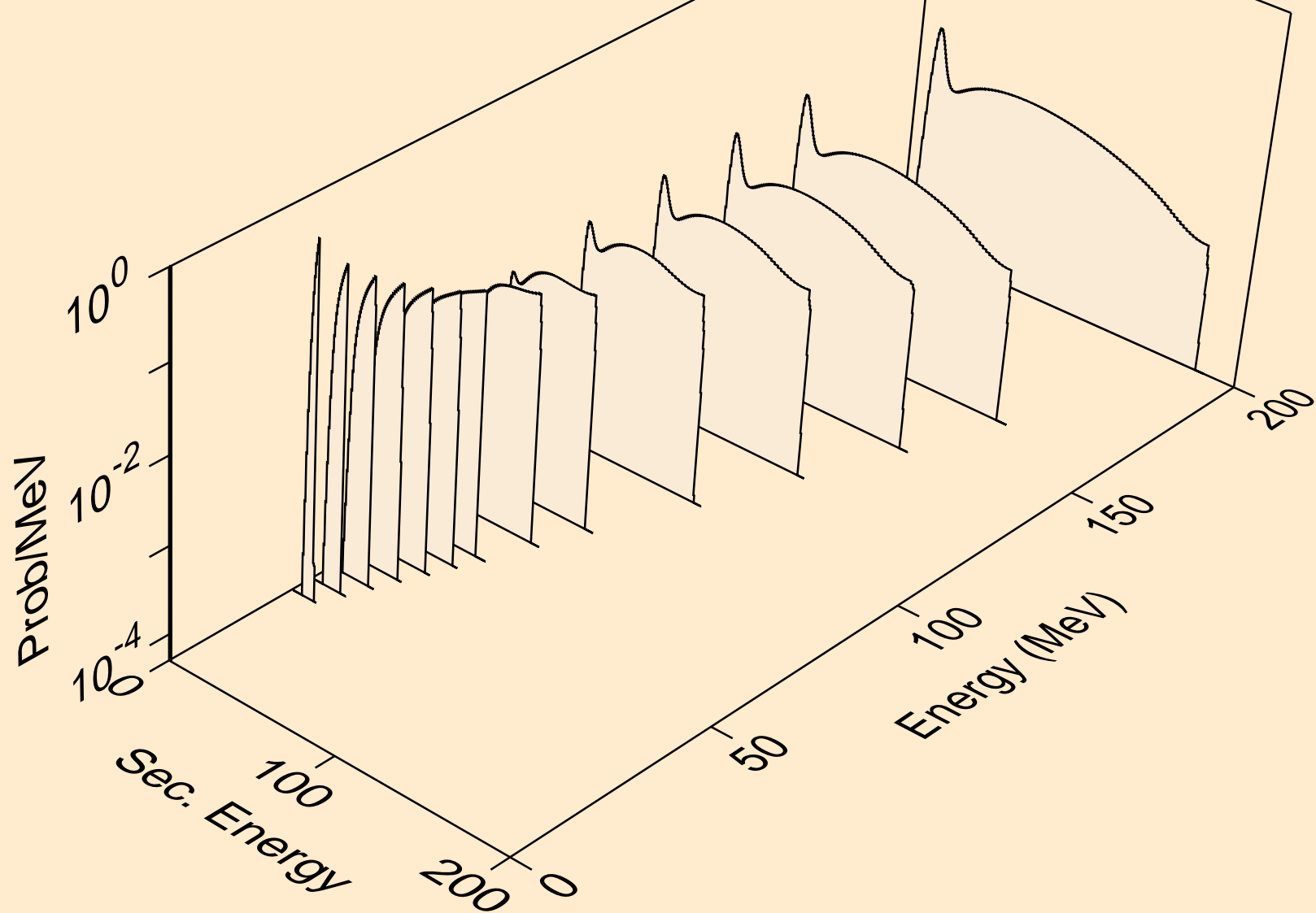
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deuterons from (a,n*)d



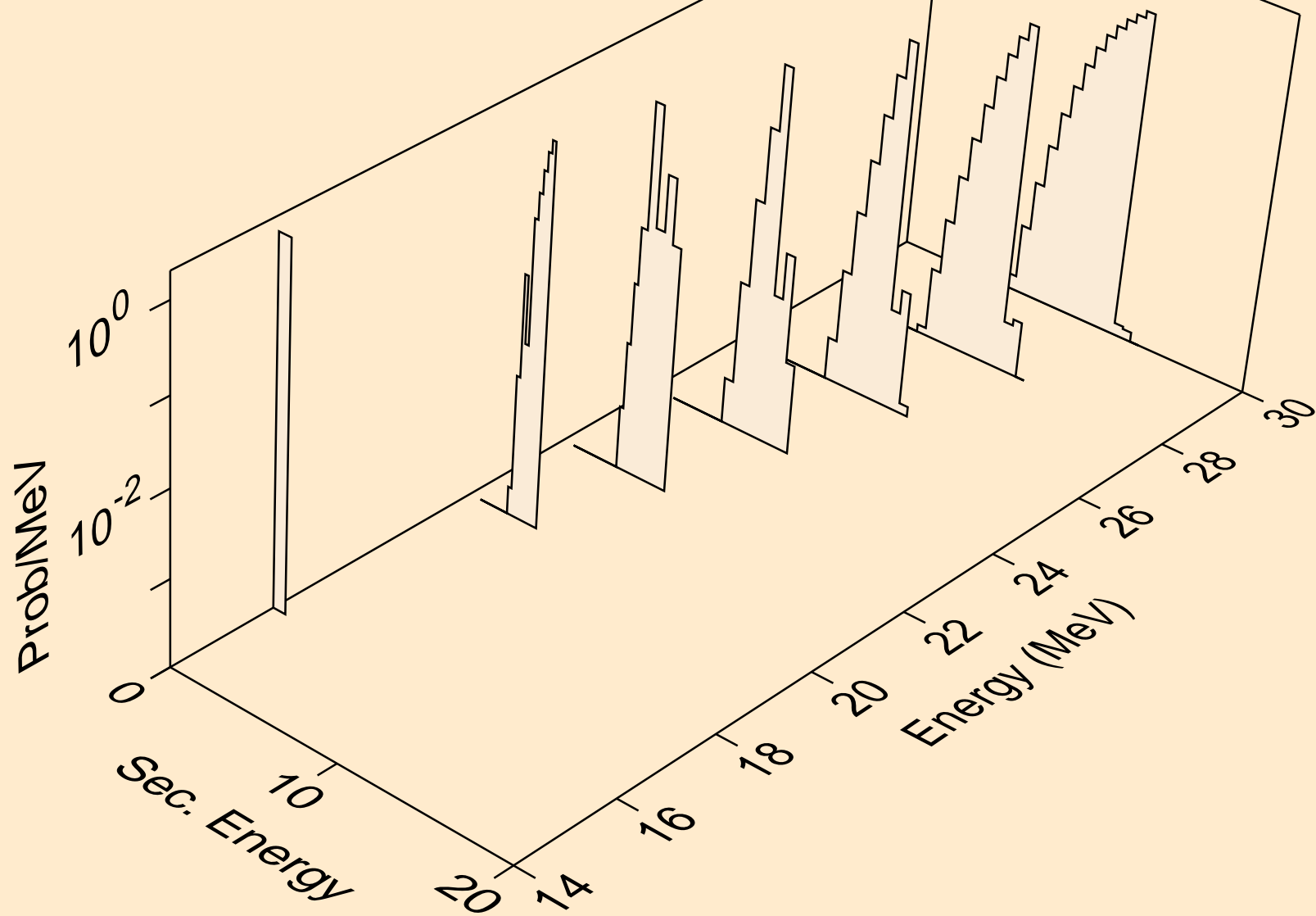
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deuterons from (a,d)



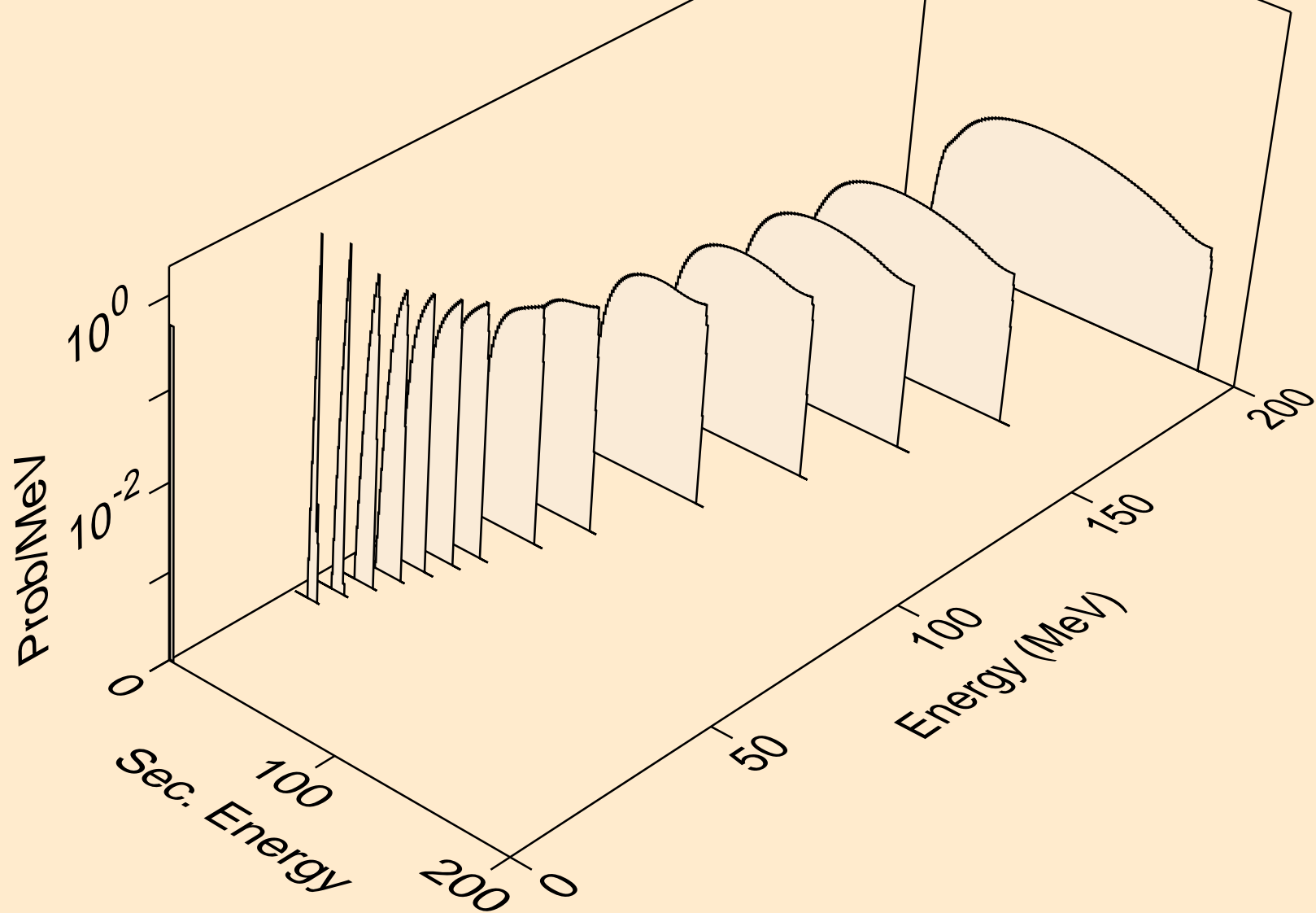
W180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
tritons from (a,x)



W180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
tritons from (a,t)



W180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
he3s from (a,x)



W180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
he3s from (a,he3)

