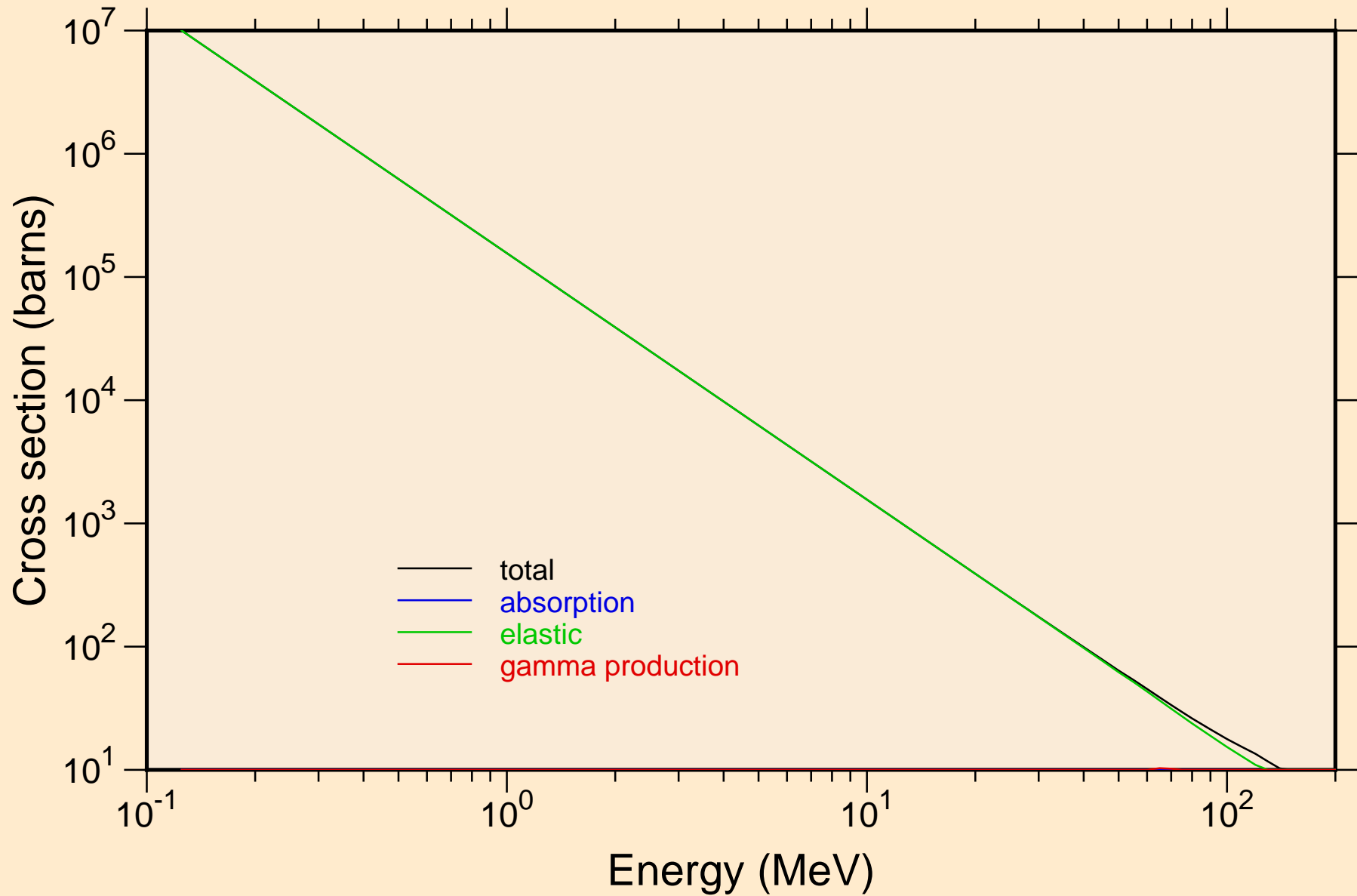
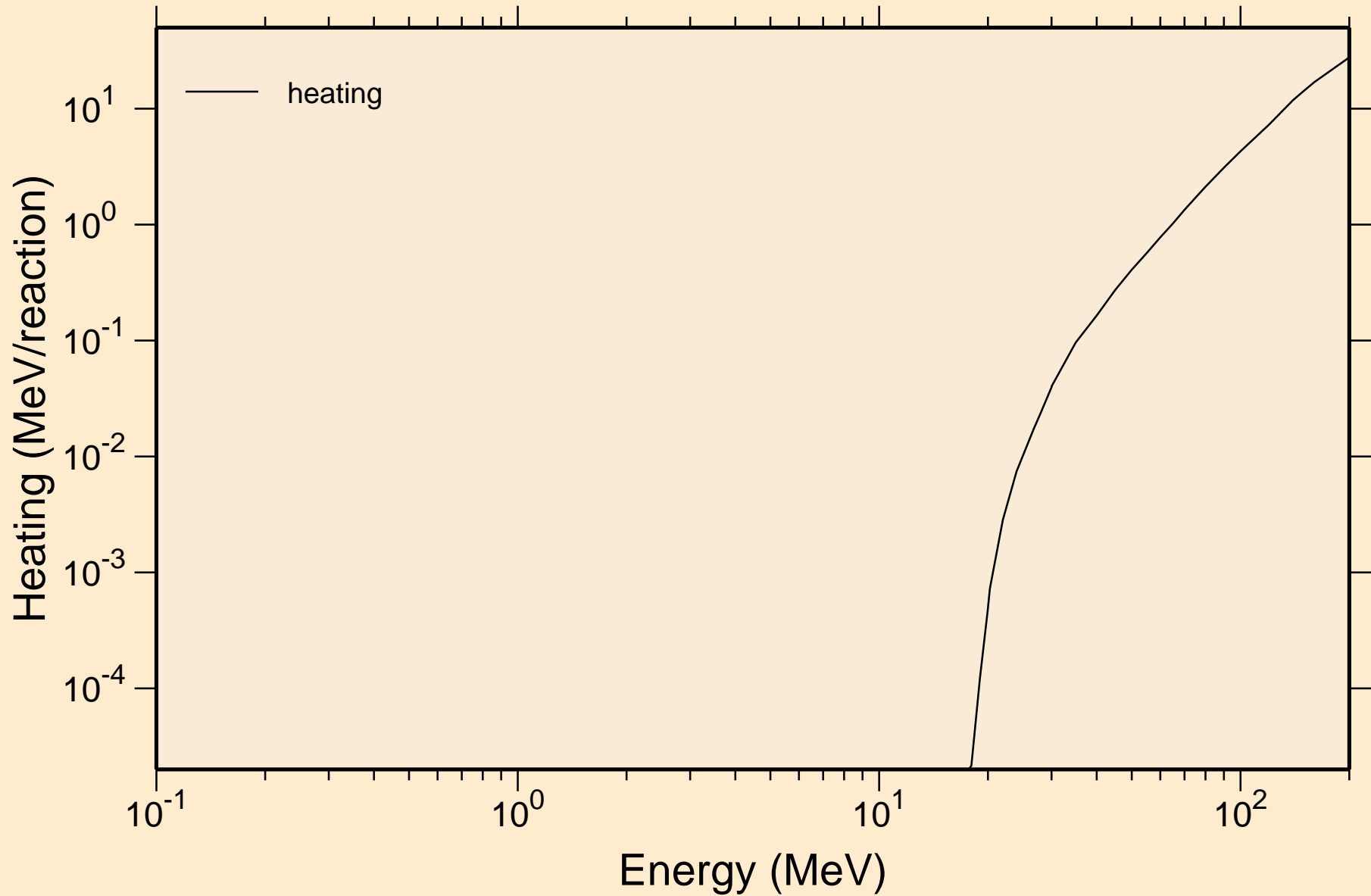


PT177 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Principal cross sections



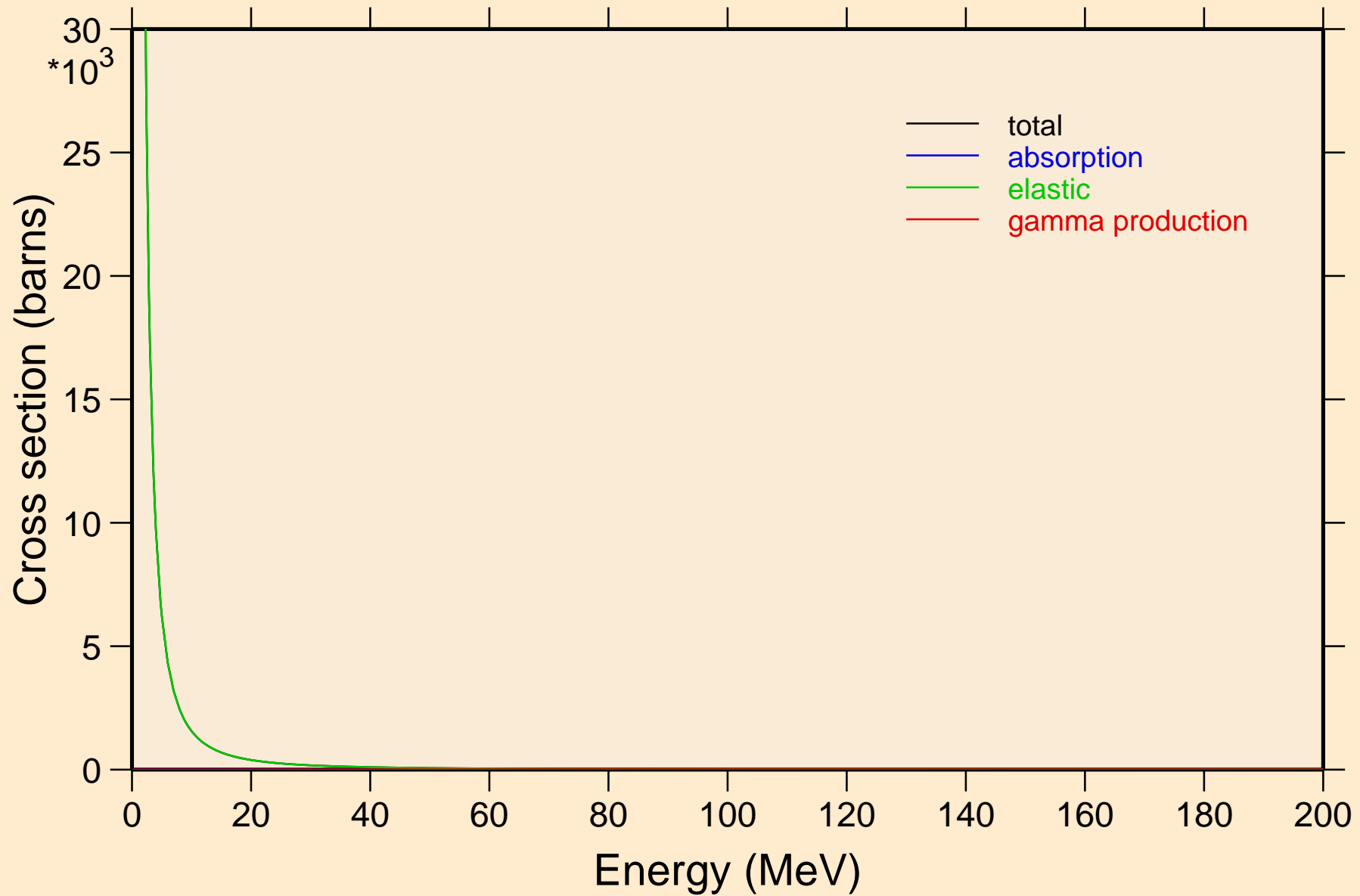
PT177 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Heating



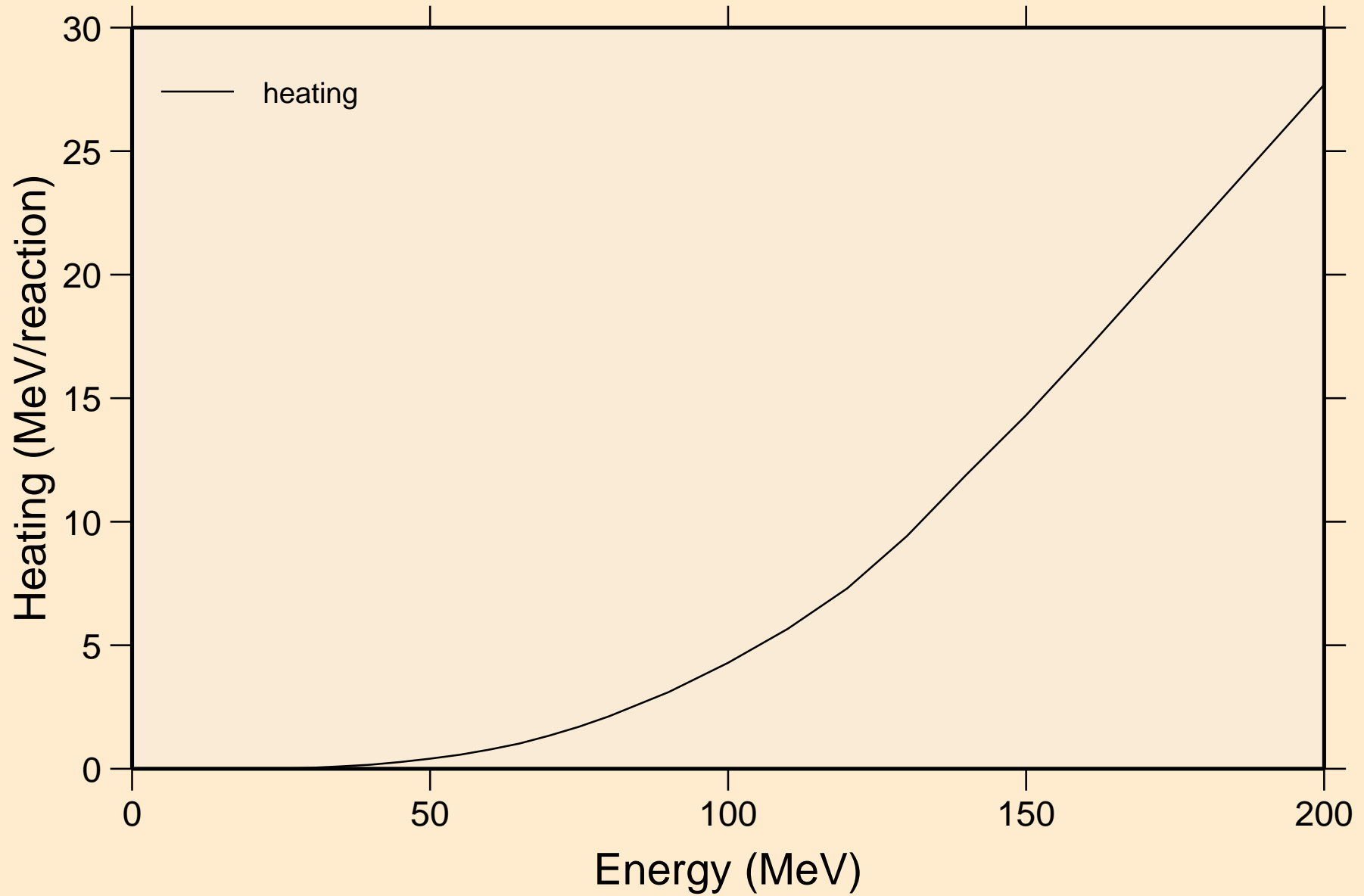
PT177 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections

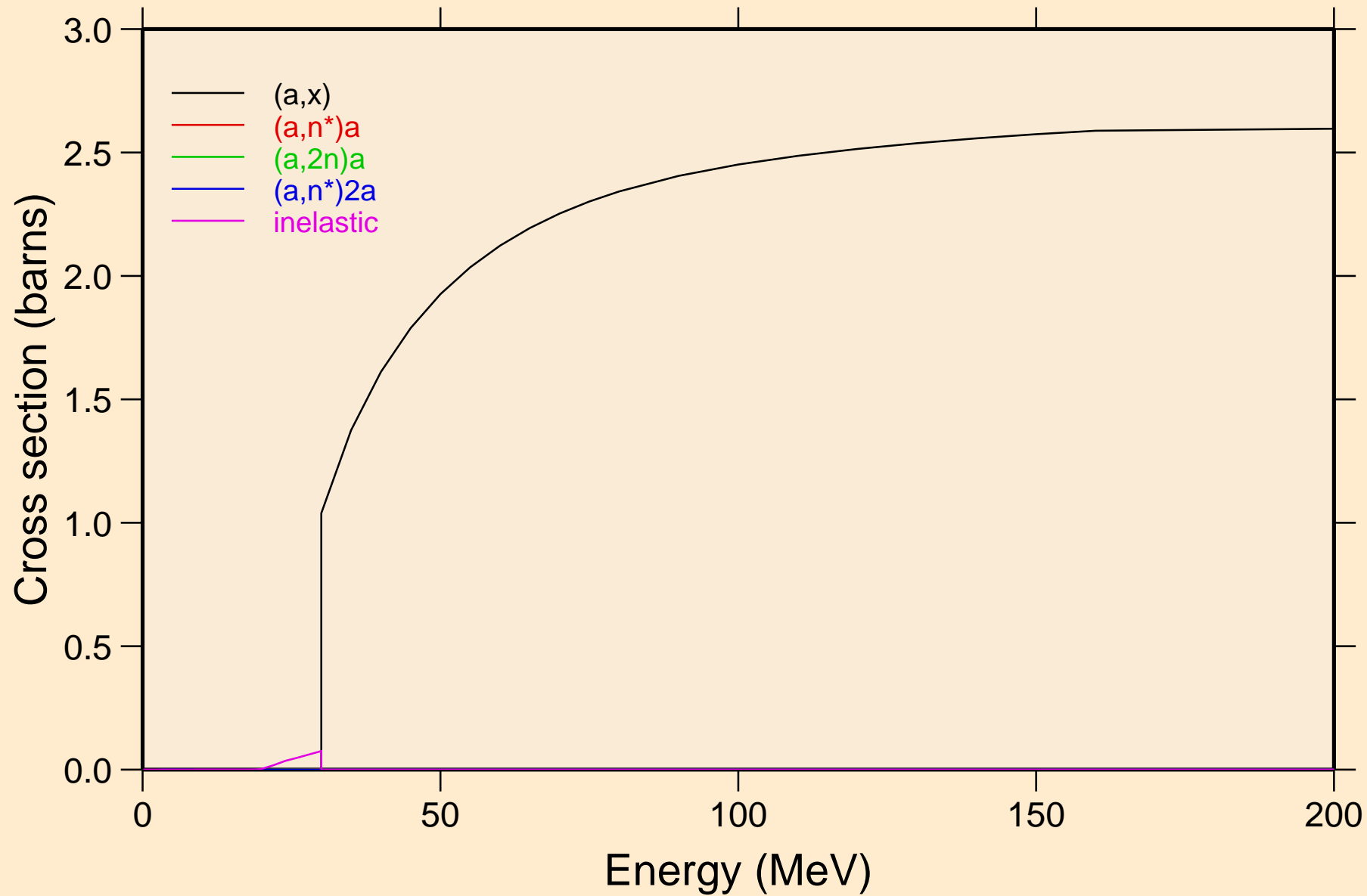


PT177 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

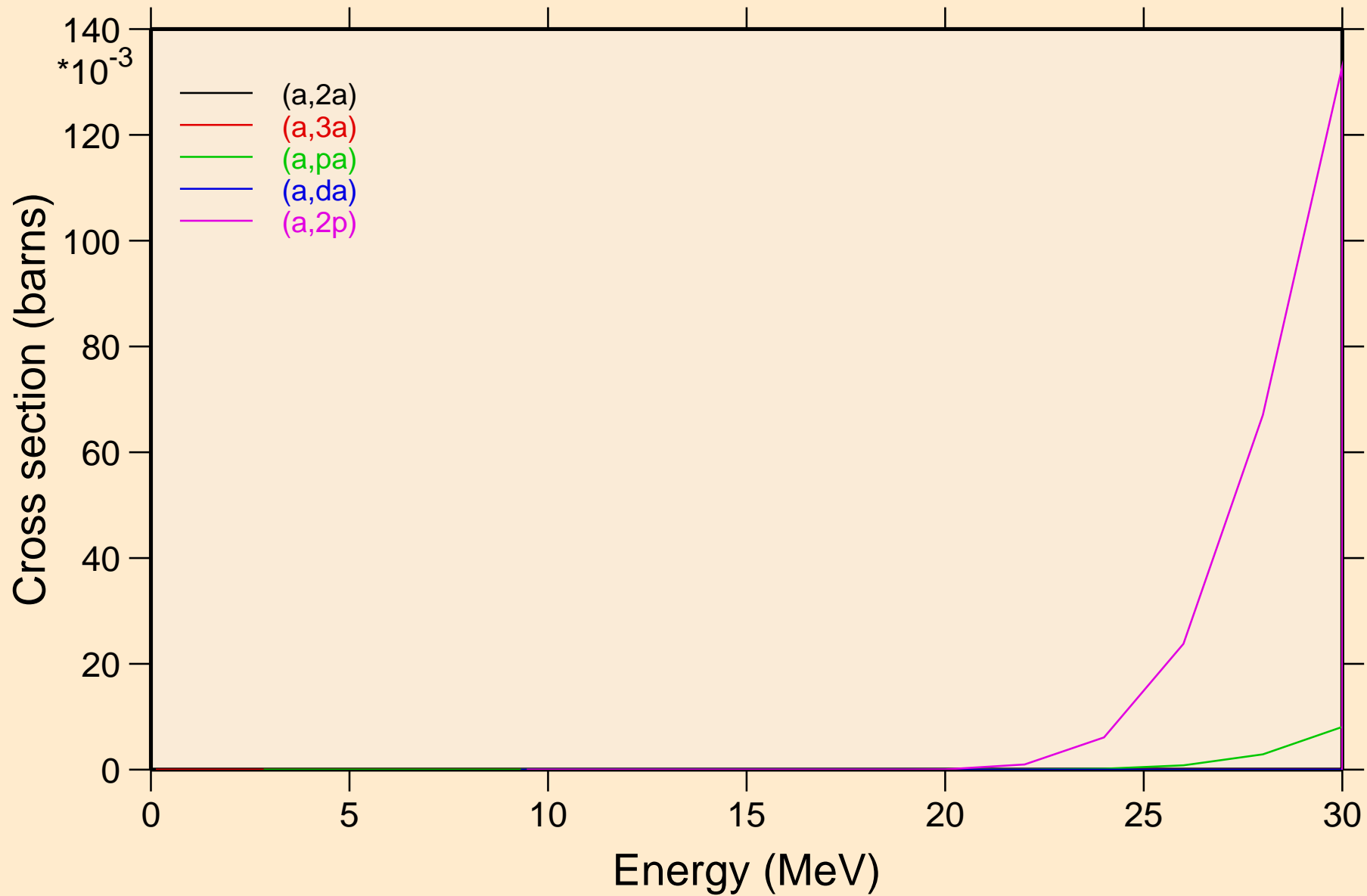
Heating



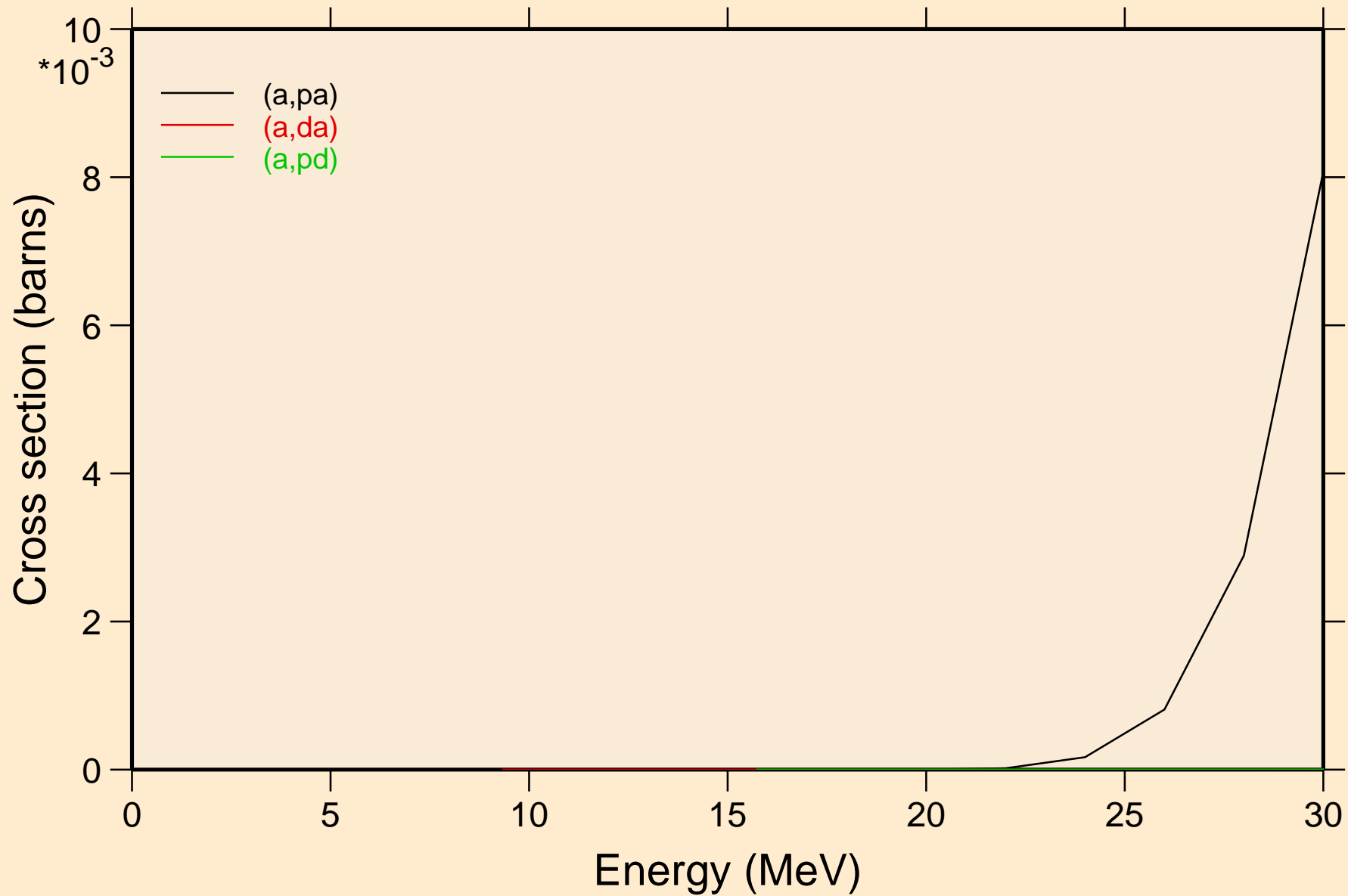
PT177 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions



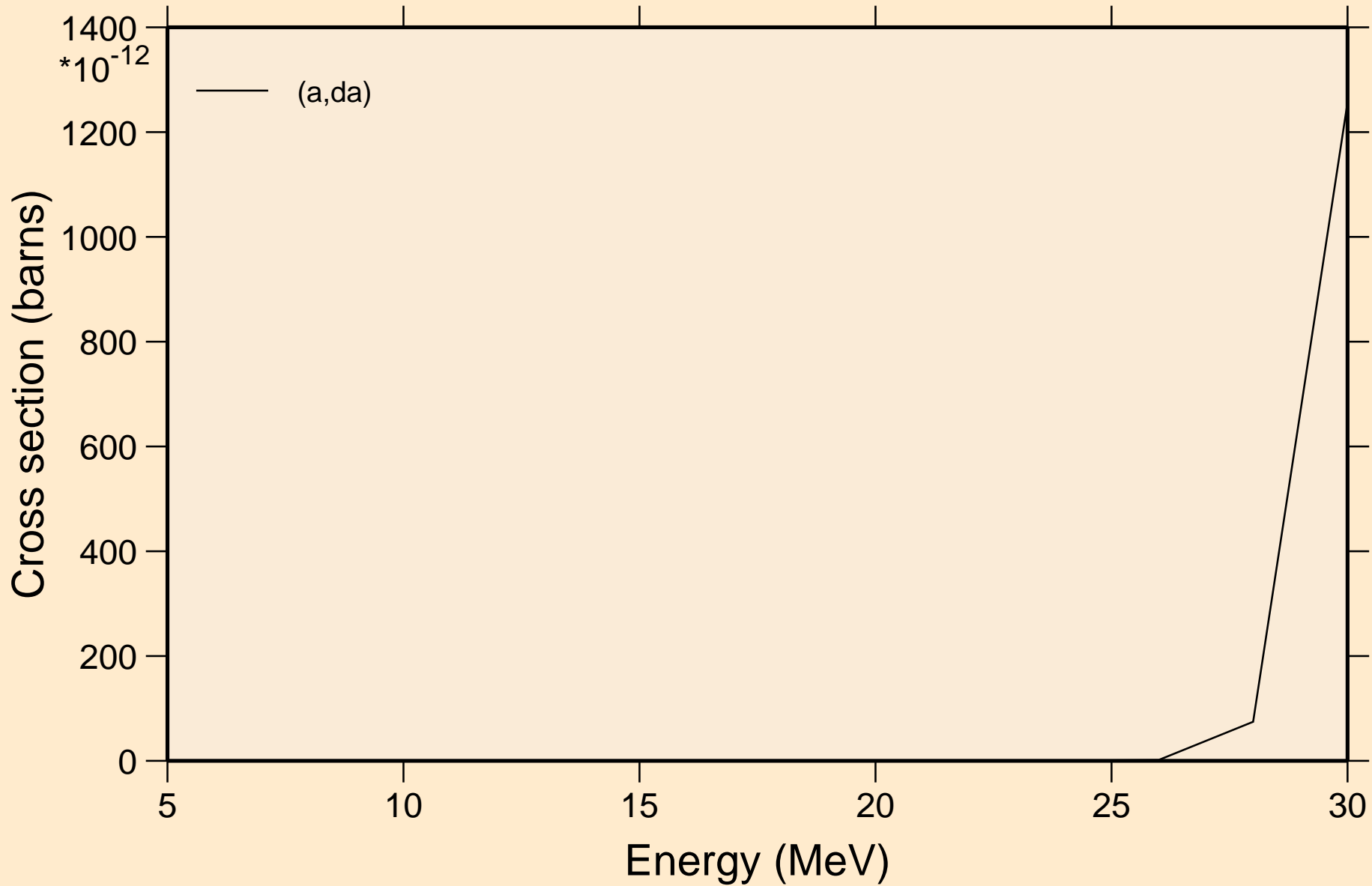
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Threshold reactions



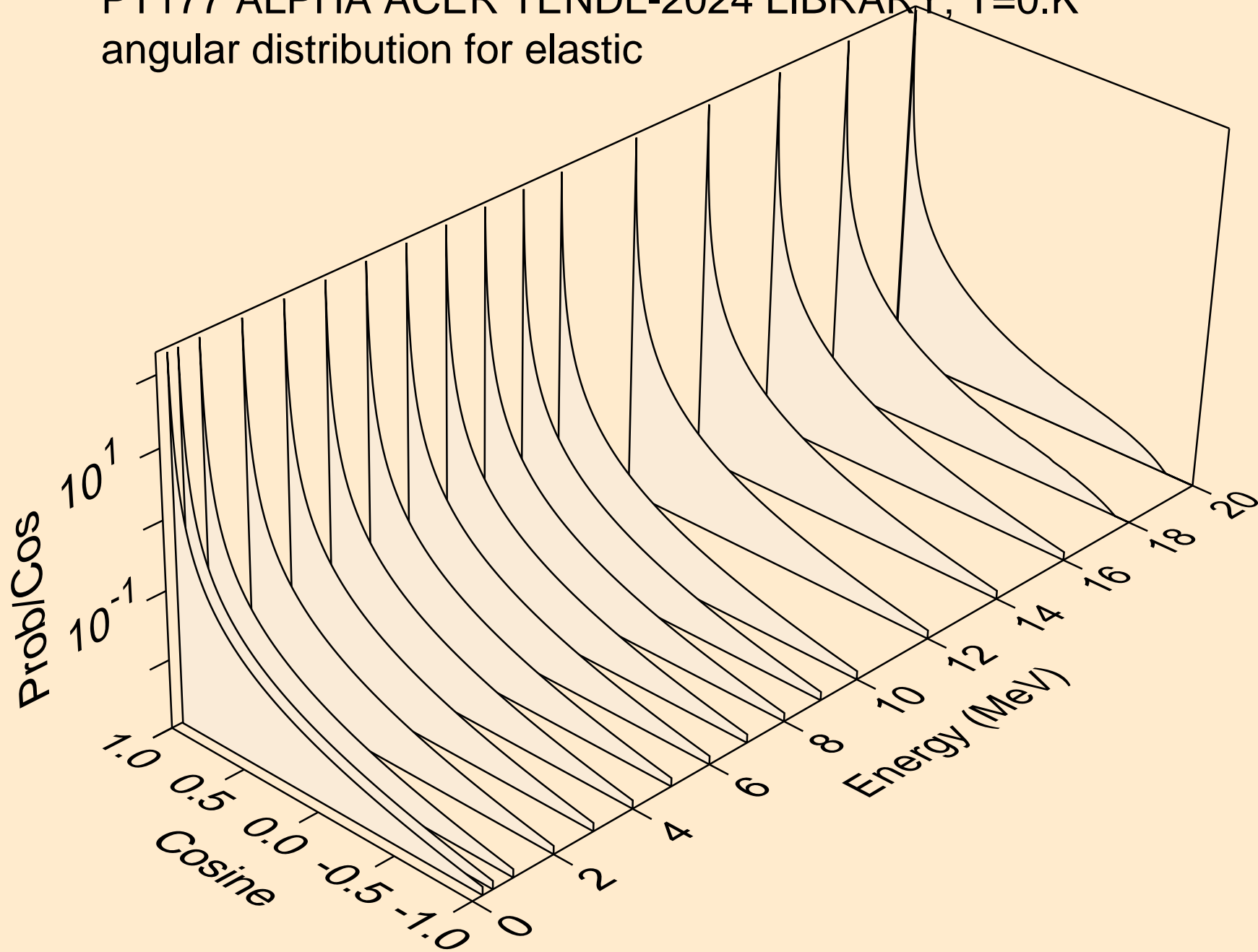
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Threshold reactions



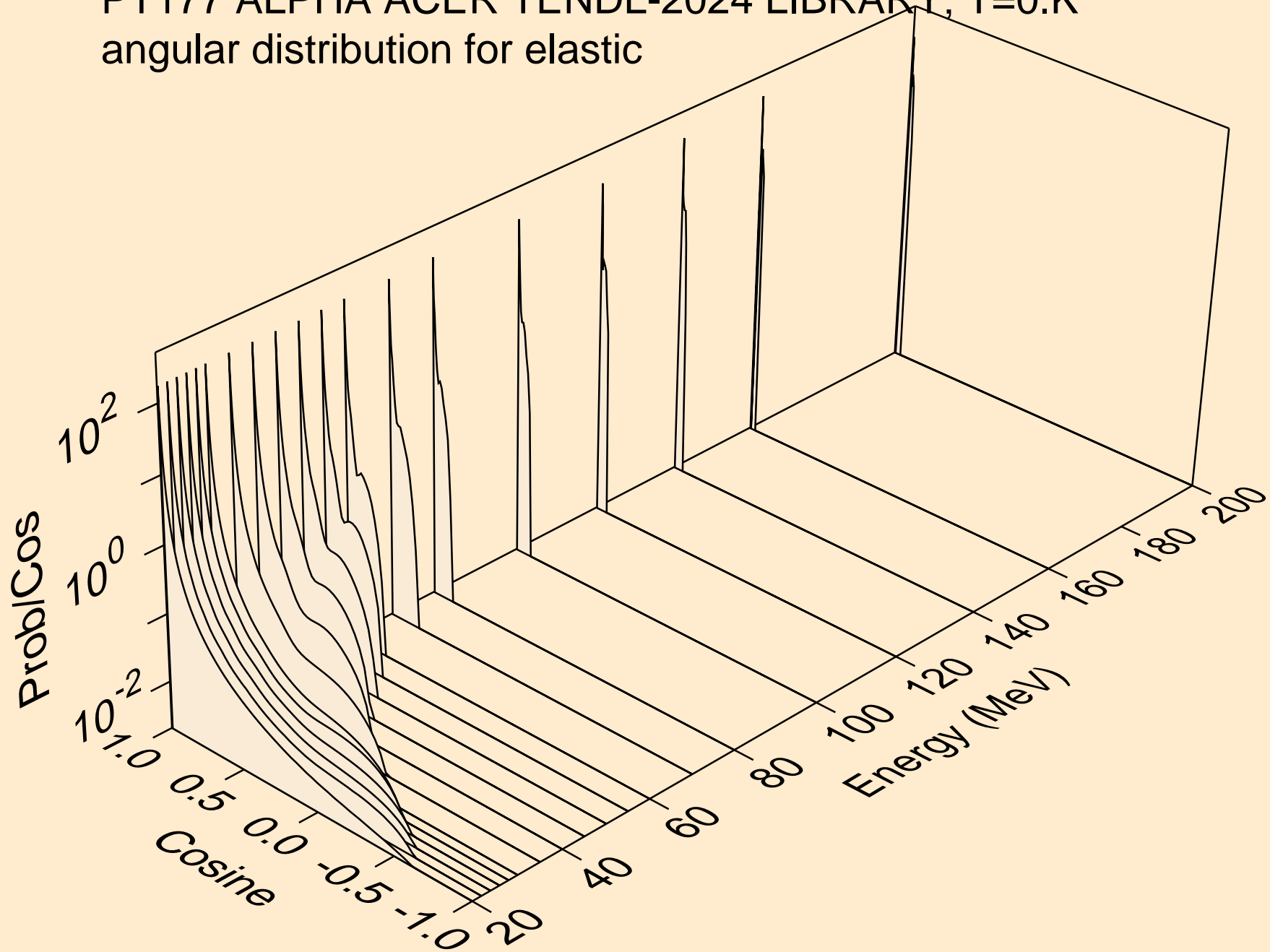
PT177 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions



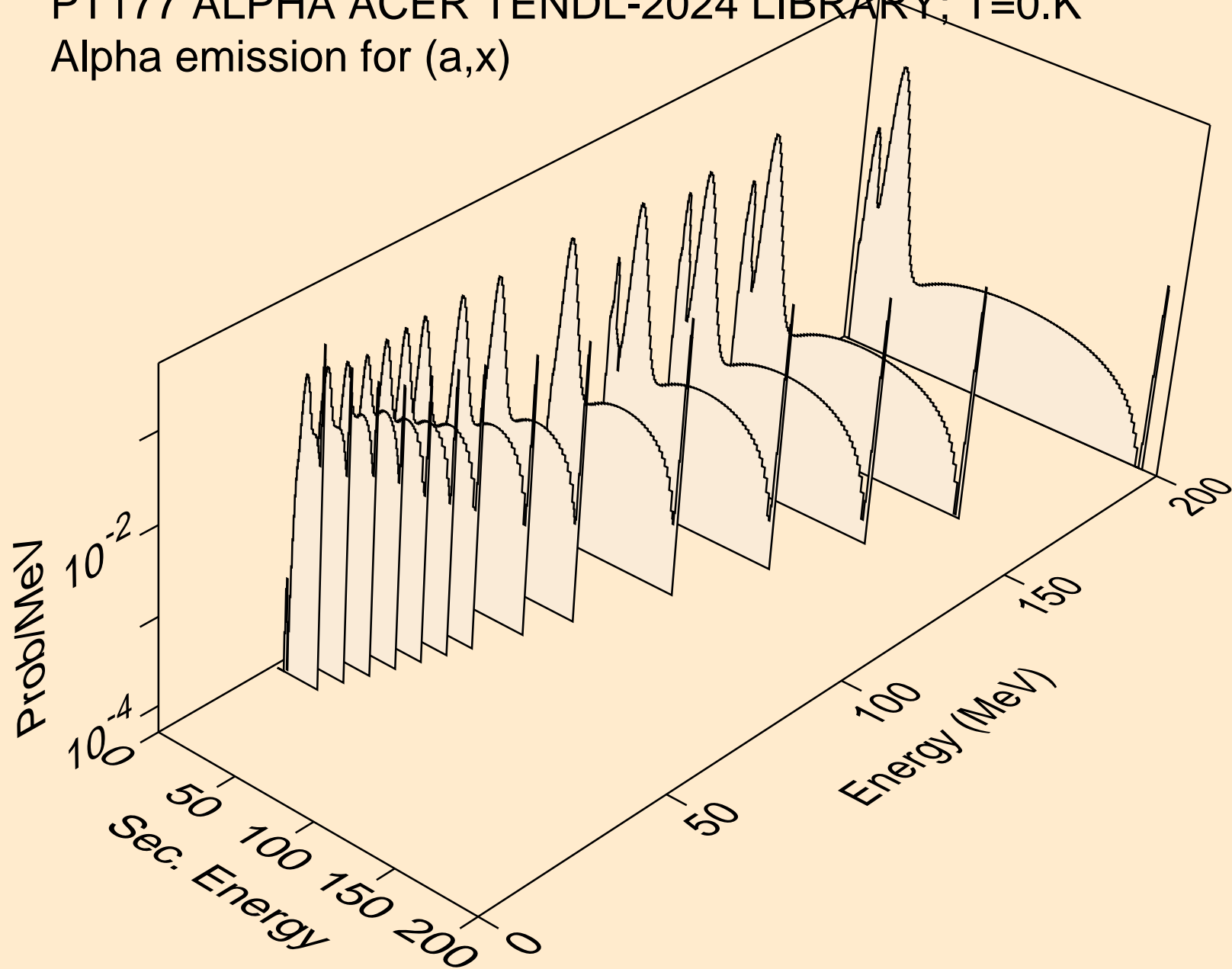
PT177 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic



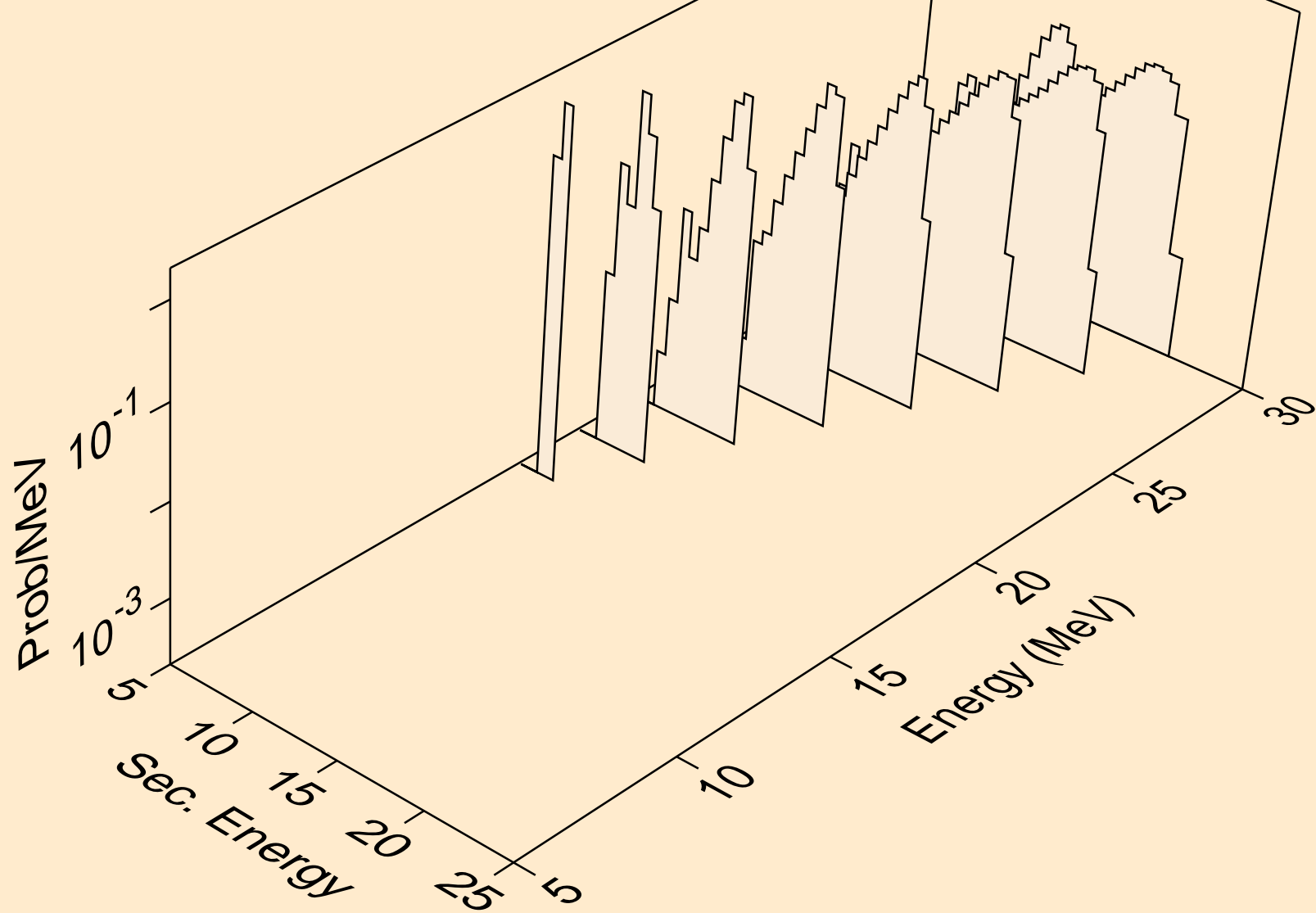
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angular distribution for elastic



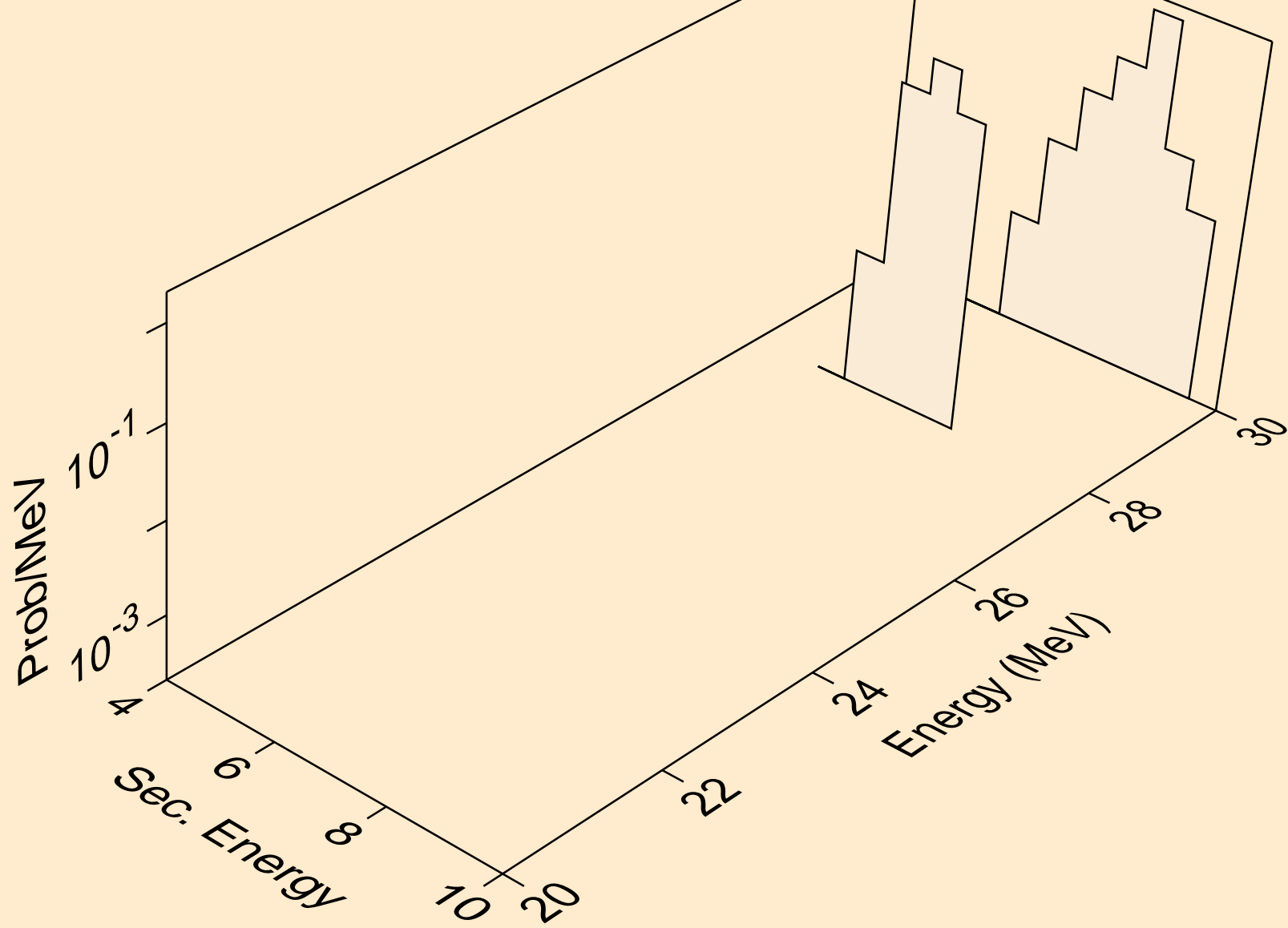
PT177 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Alpha emission for (a,x)



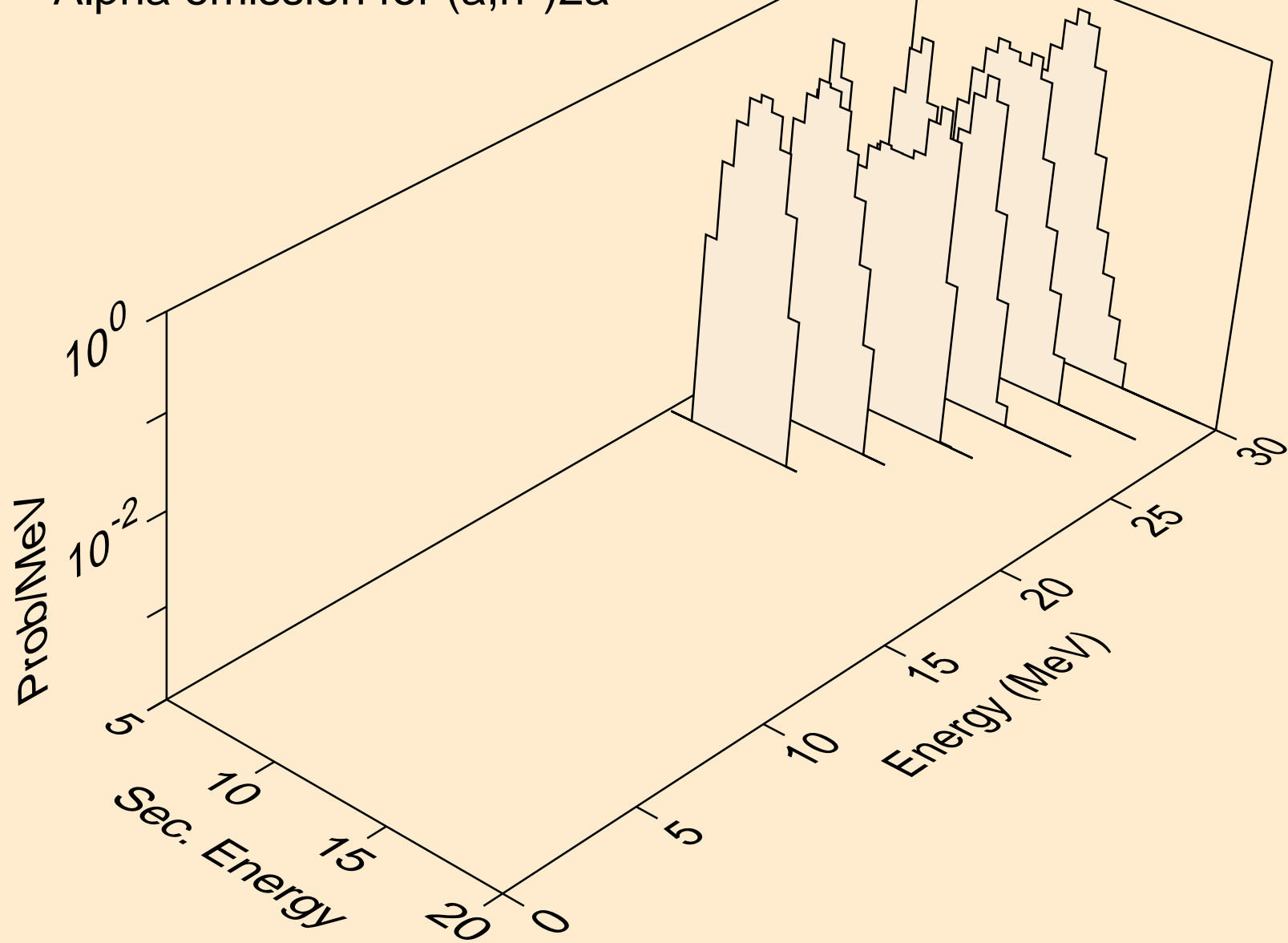
PT177 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Alpha emission for (a,n*)a



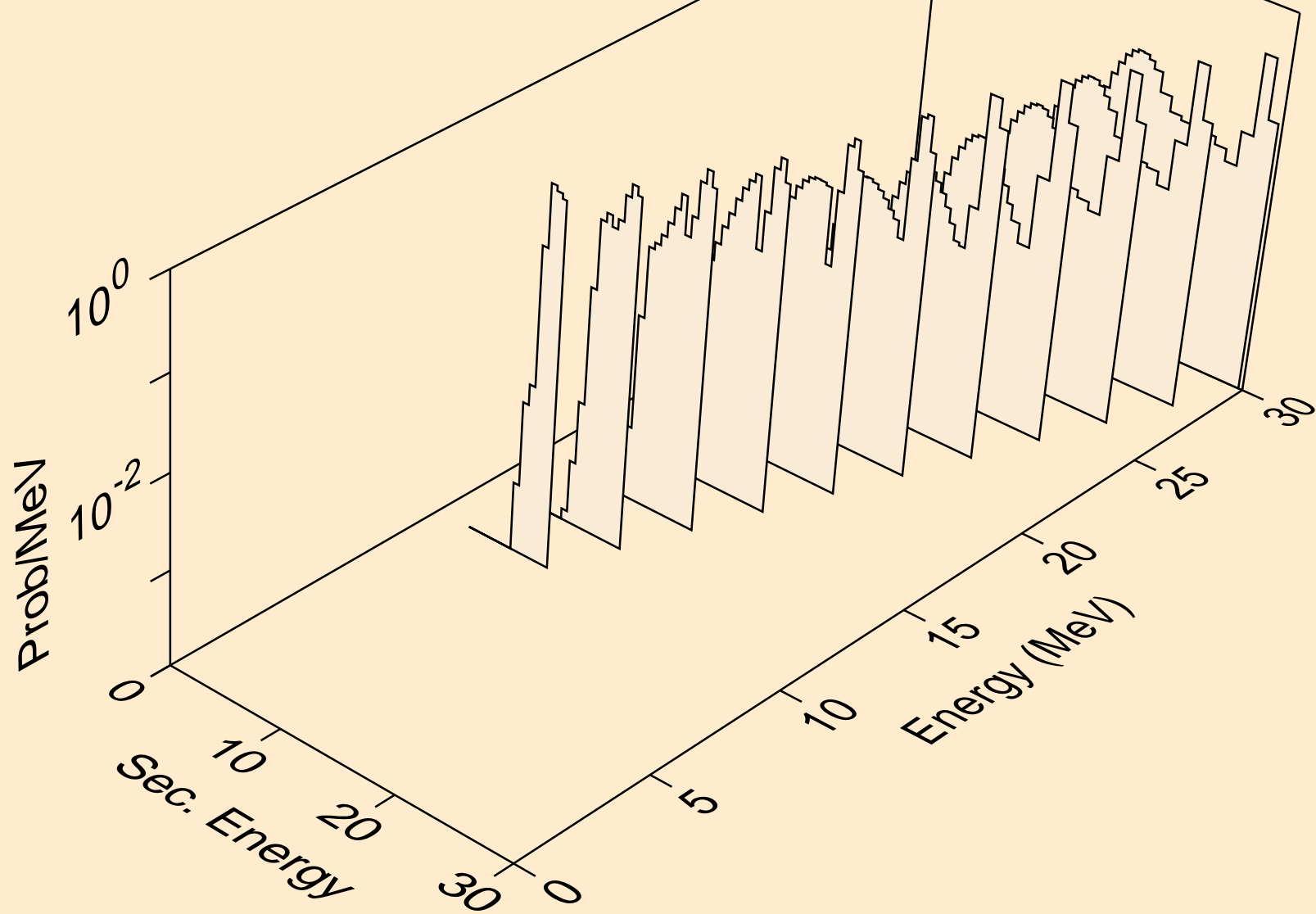
PT177 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Alpha emission for (a,2n)a



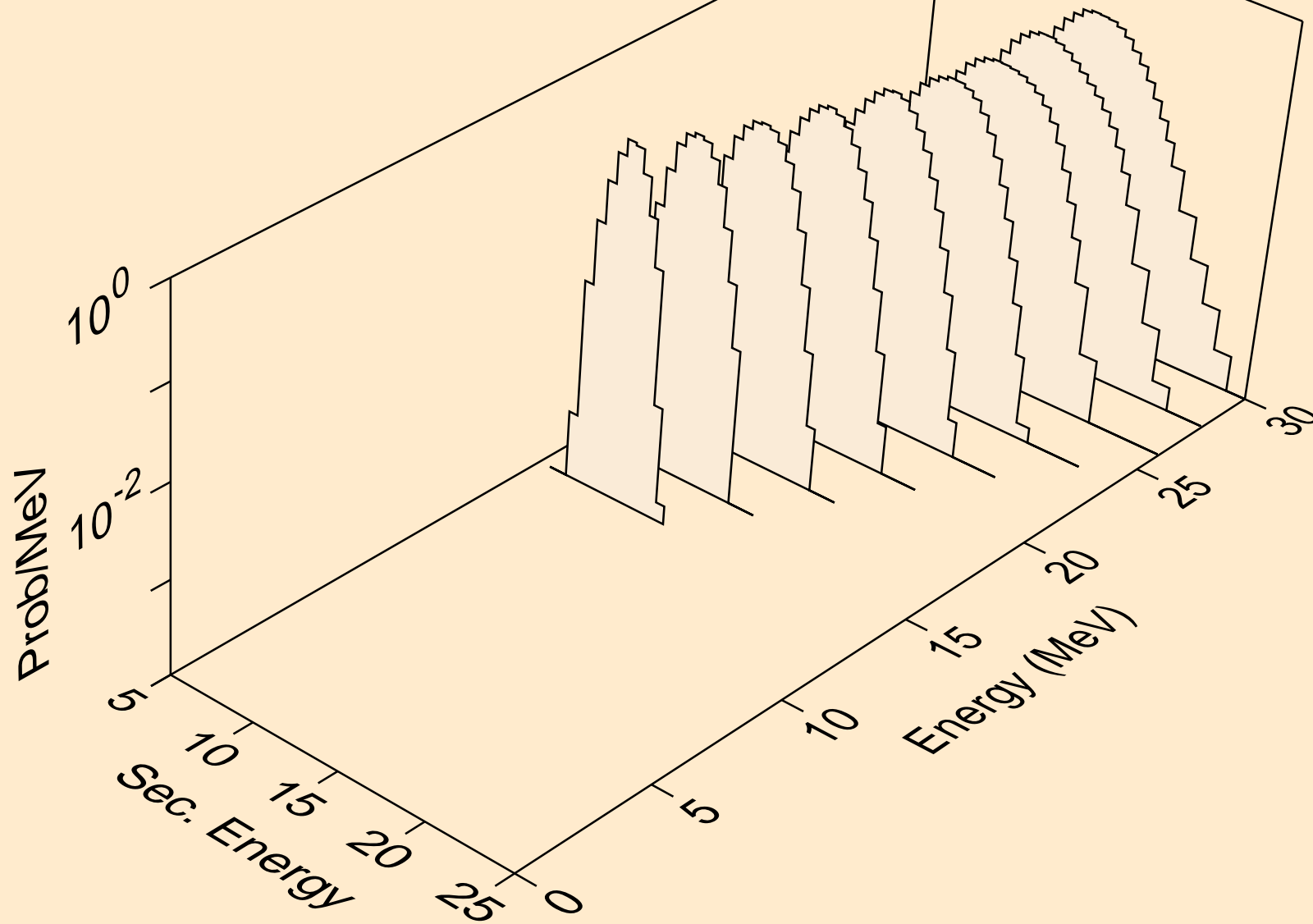
PT177 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Alpha emission for (a,n*)2a



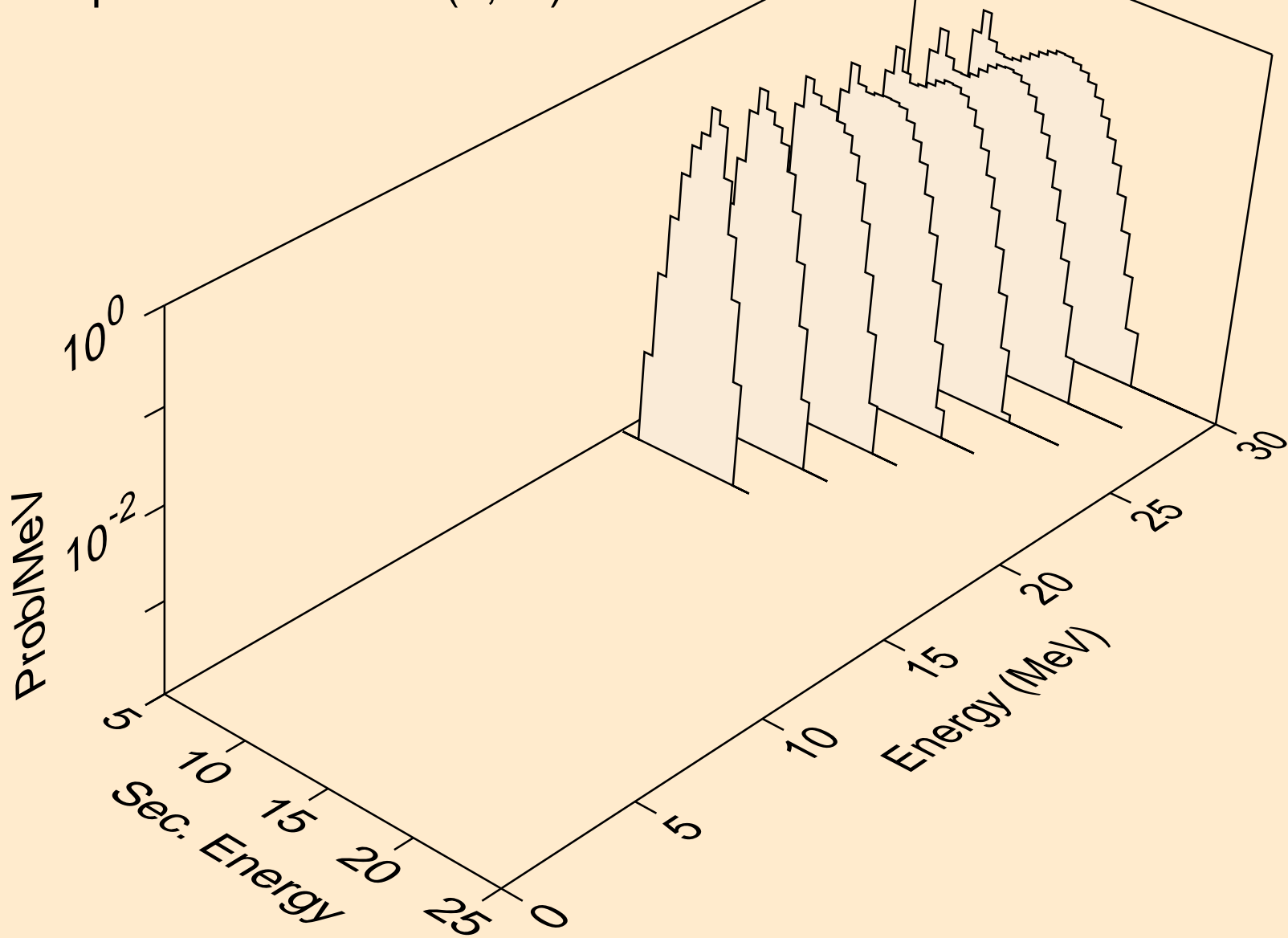
PT177 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Alpha emission for inelastic



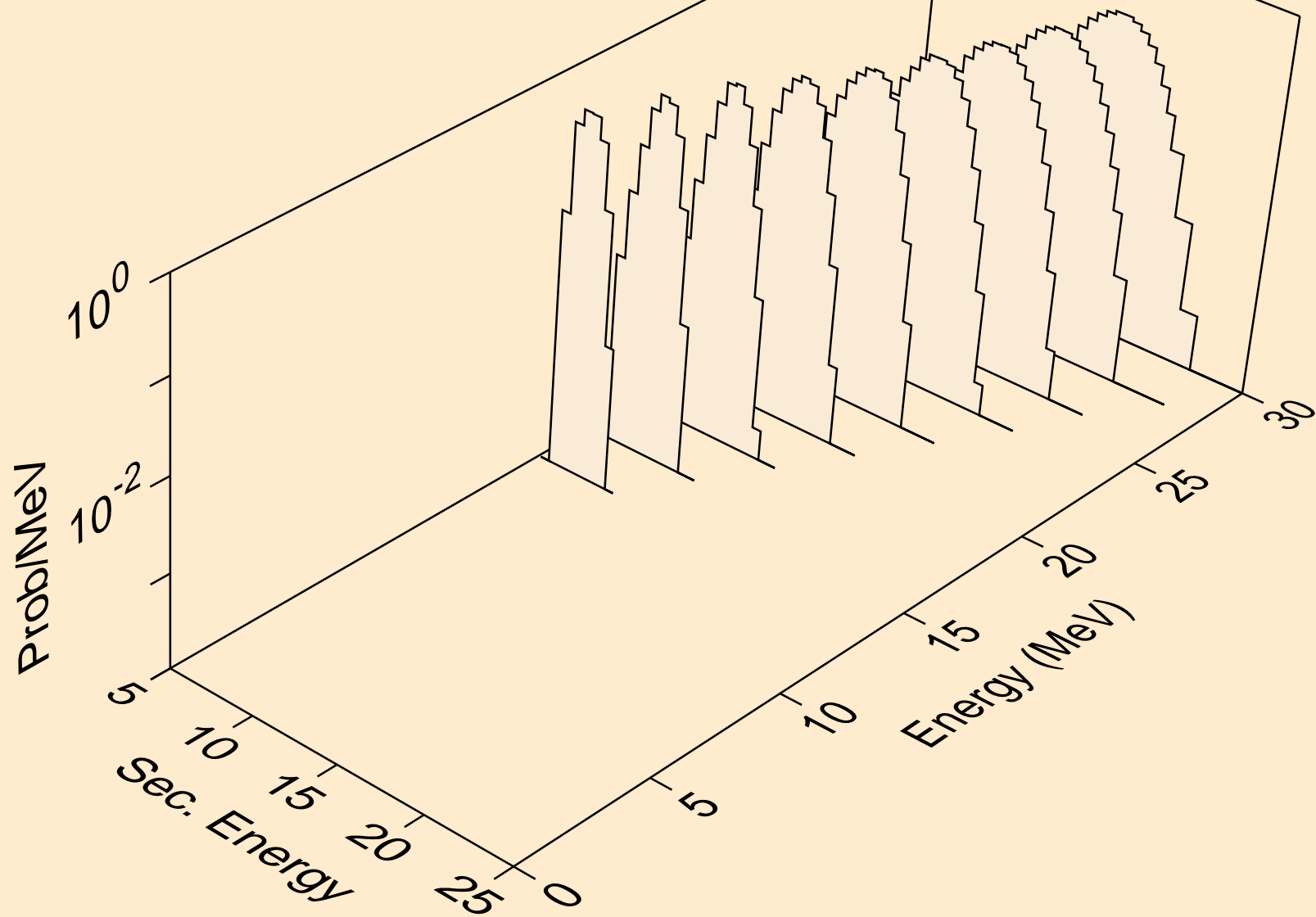
PT177 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Alpha emission for (a,2a)



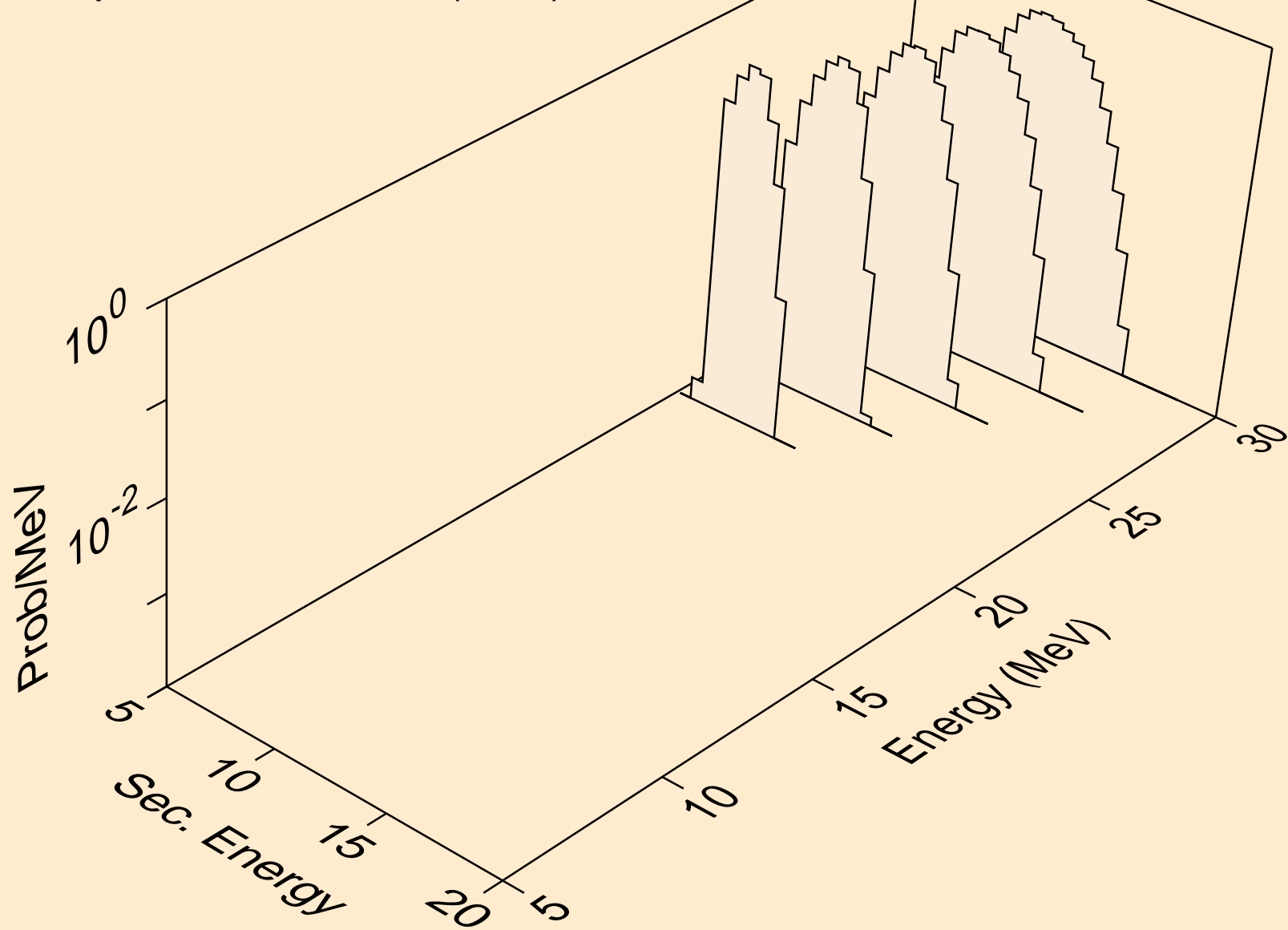
PT177 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Alpha emission for (a,3a)



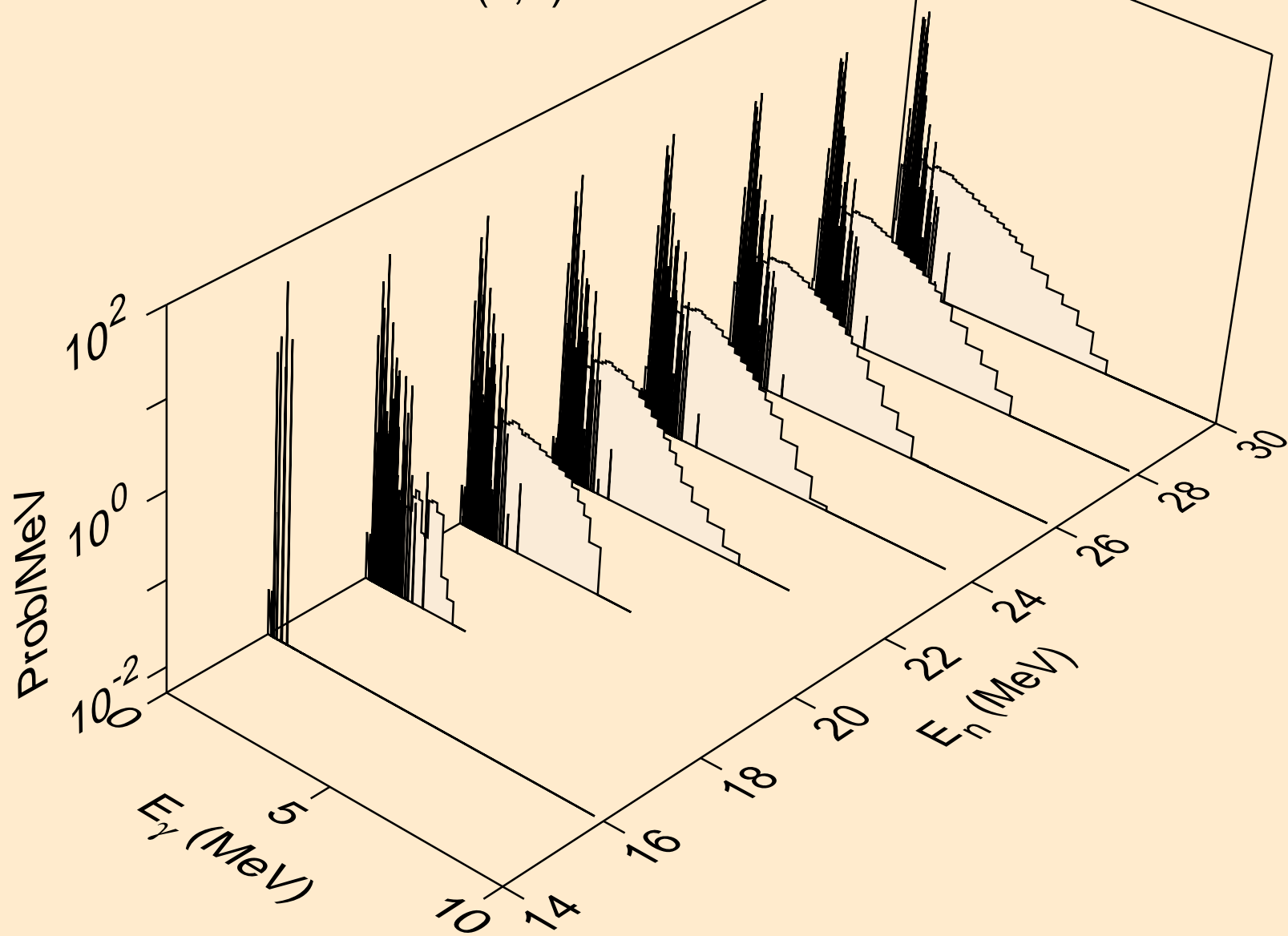
PT177 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Alpha emission for (a,pa)



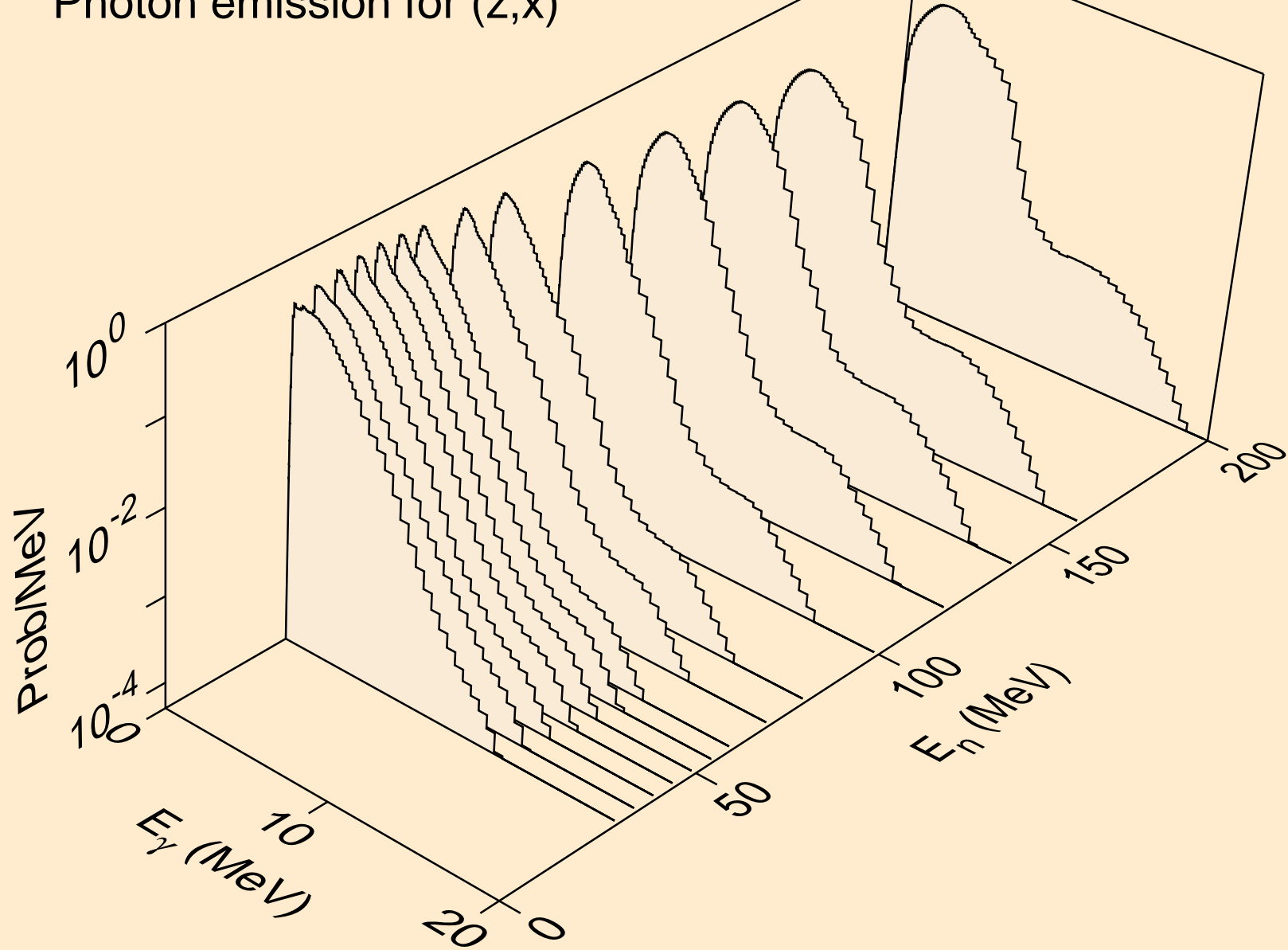
PT177 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Alpha emission for (a,da)



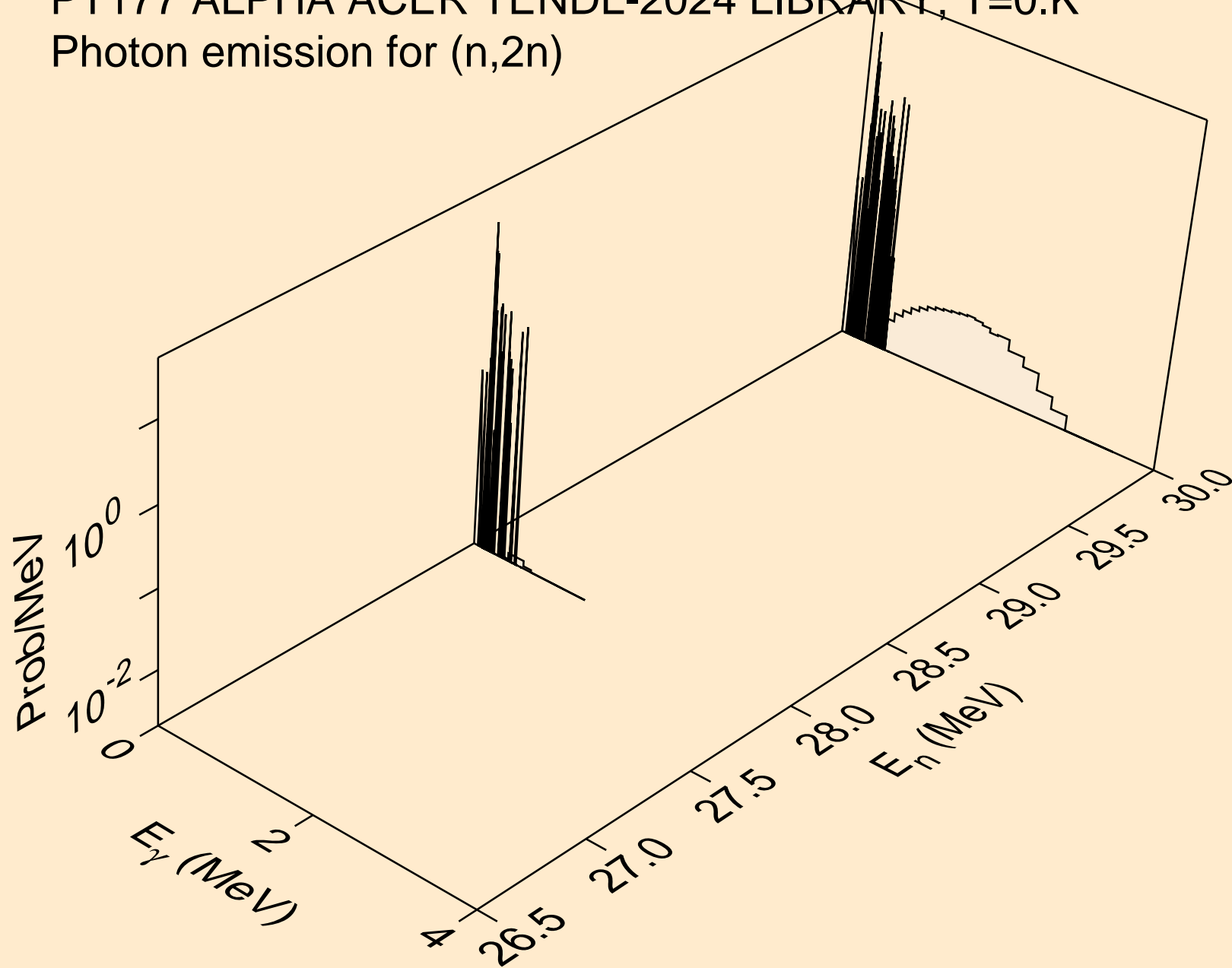
PT177 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (z,n)



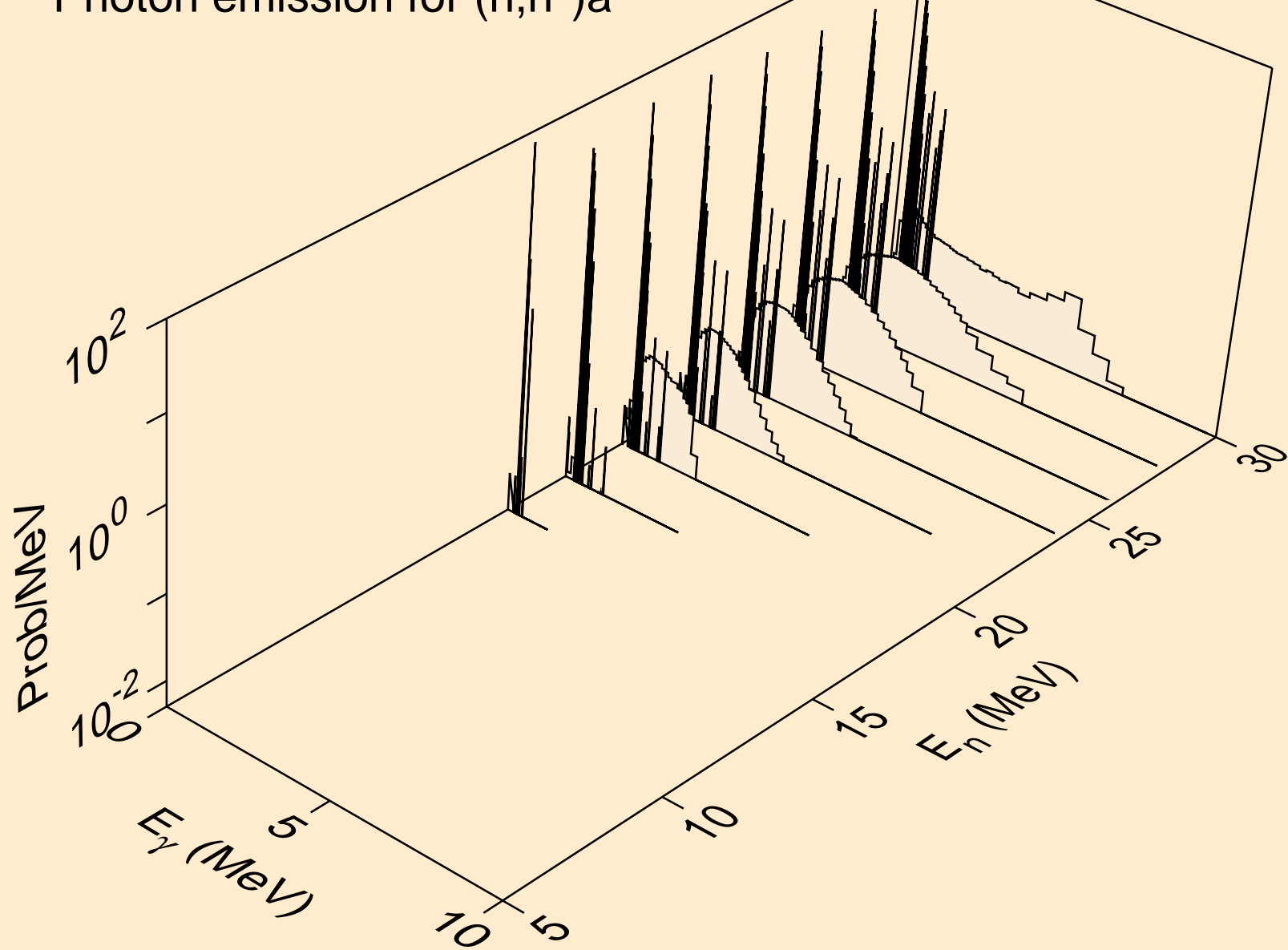
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Photon emission for (z,x)



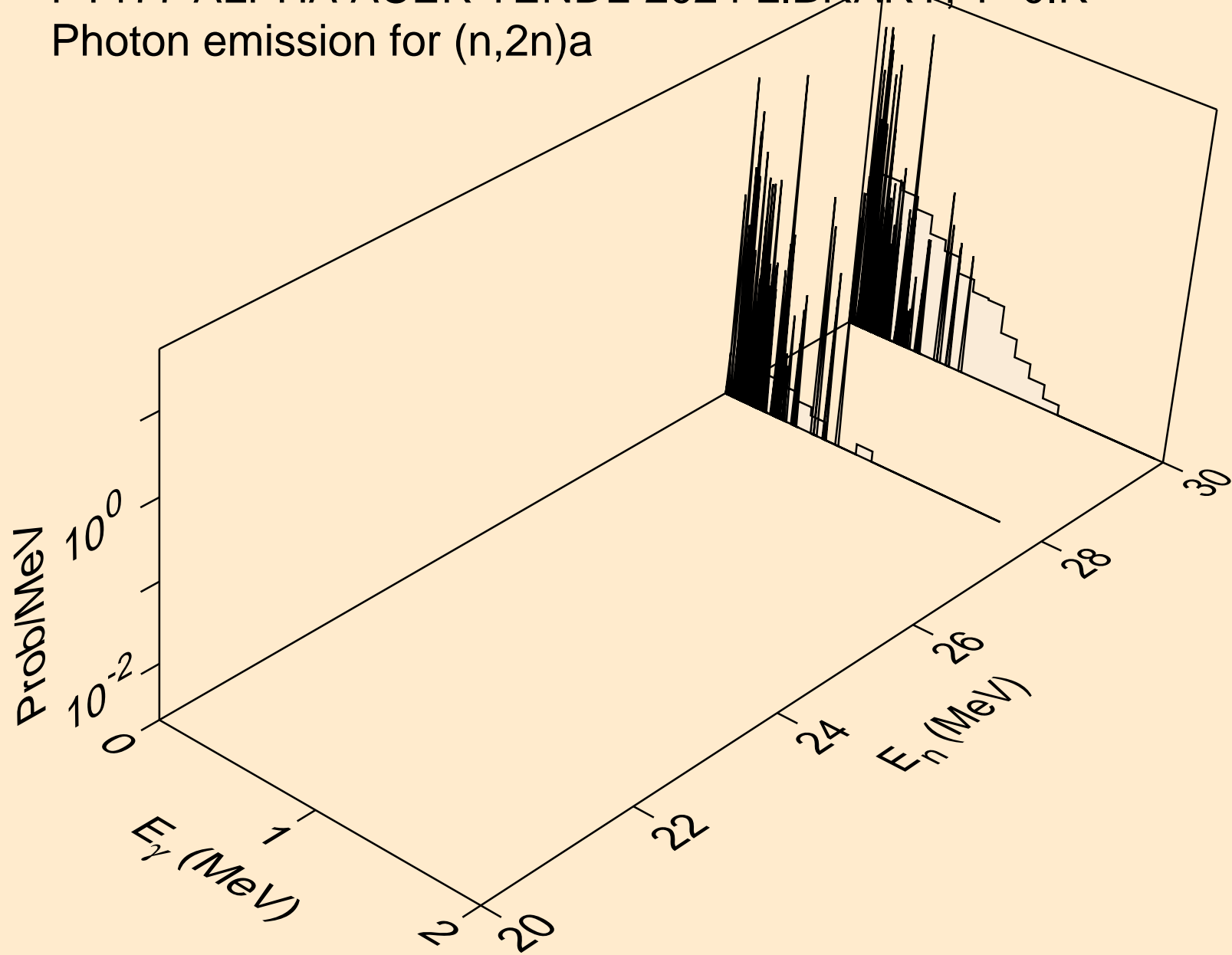
PT177 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n)



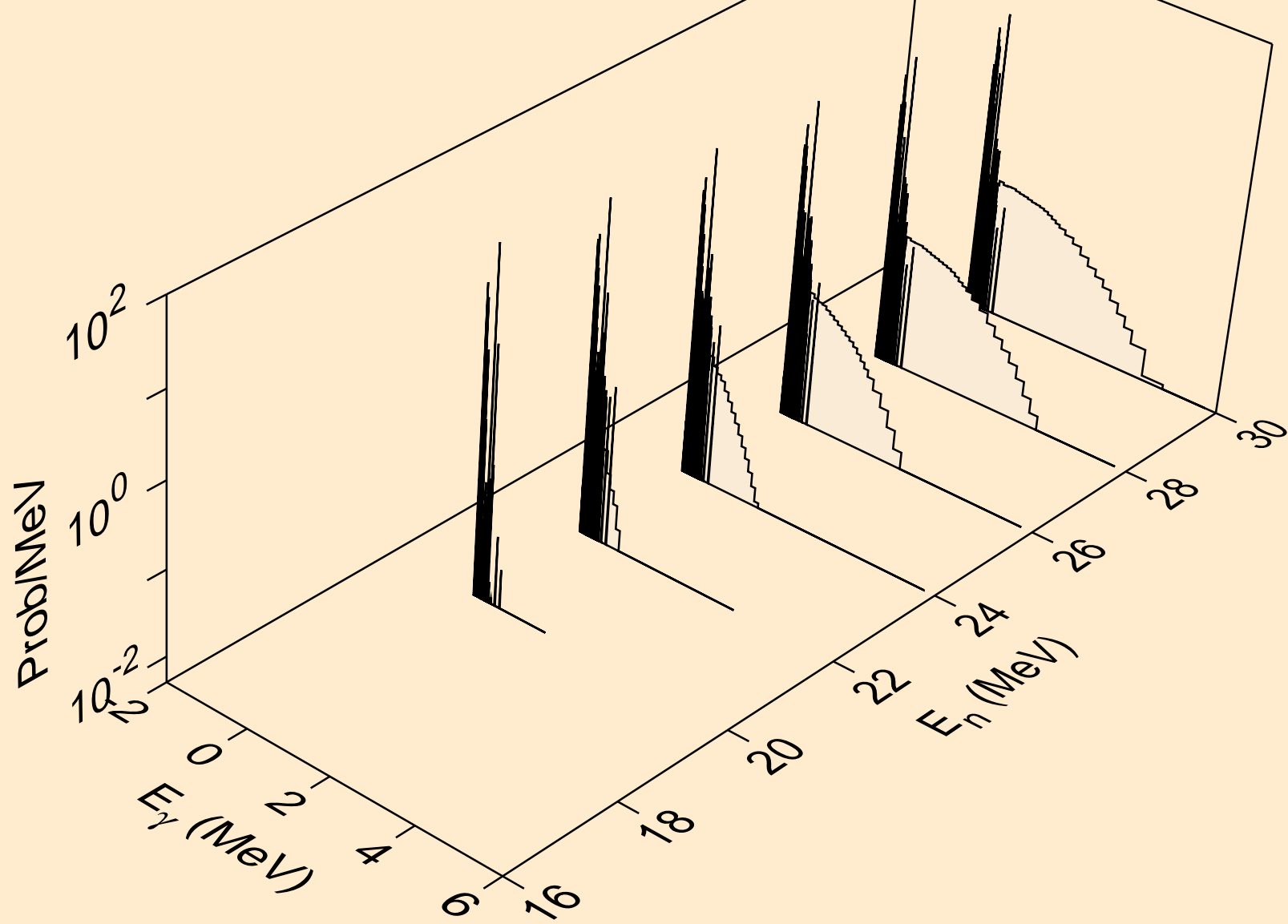
PT177 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)a



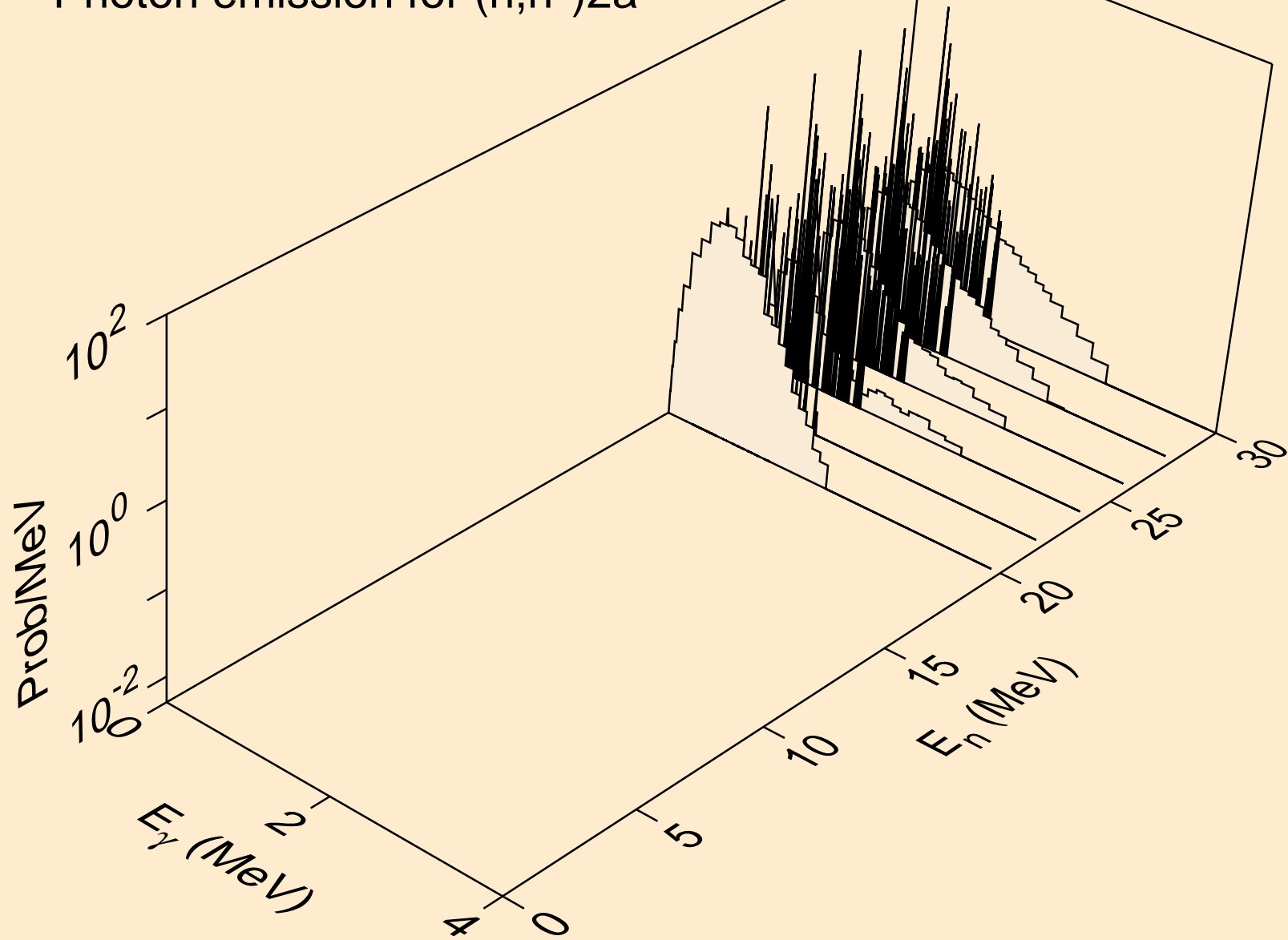
PT177 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n)a



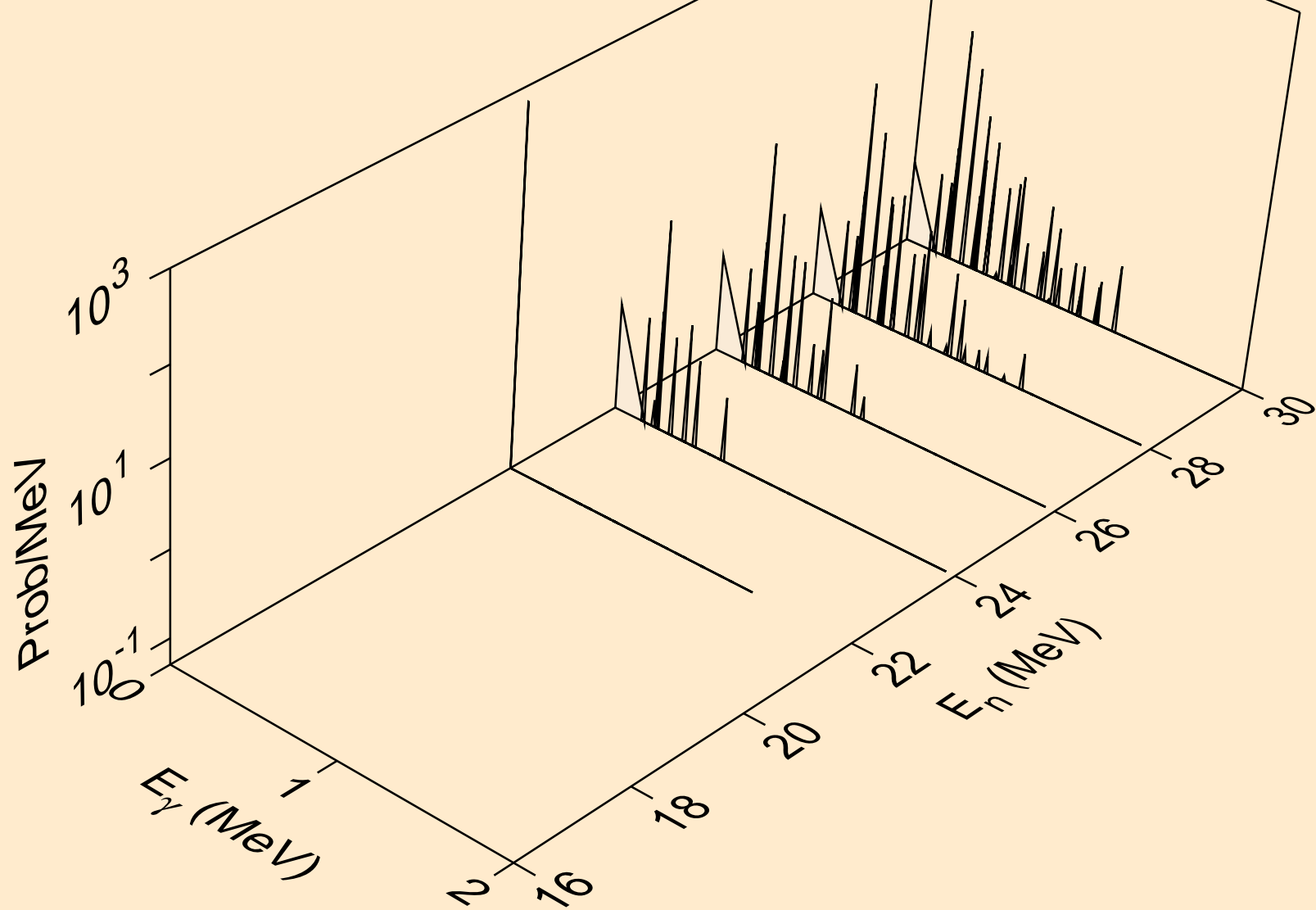
PT177 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)p



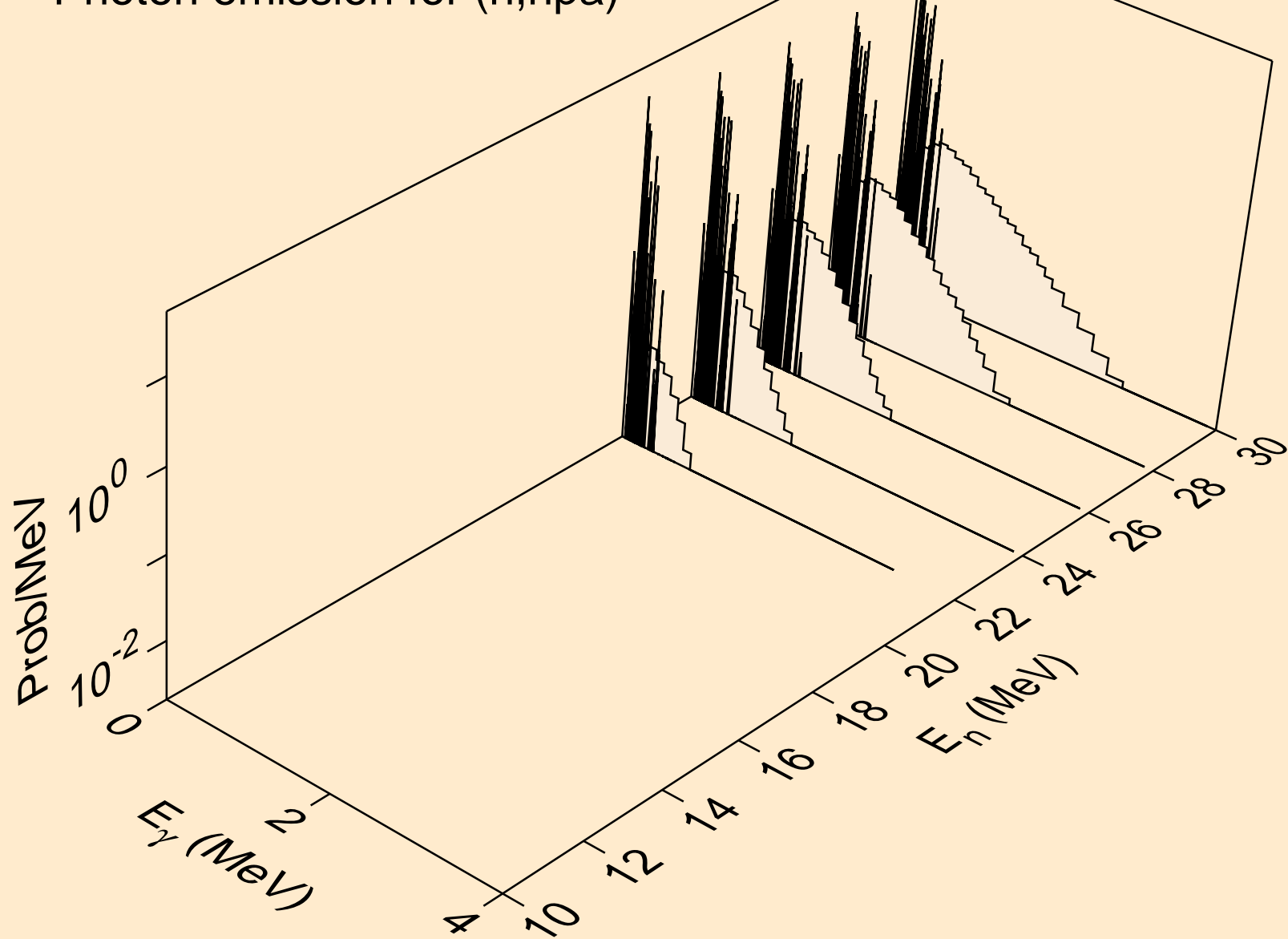
PT177 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)2a



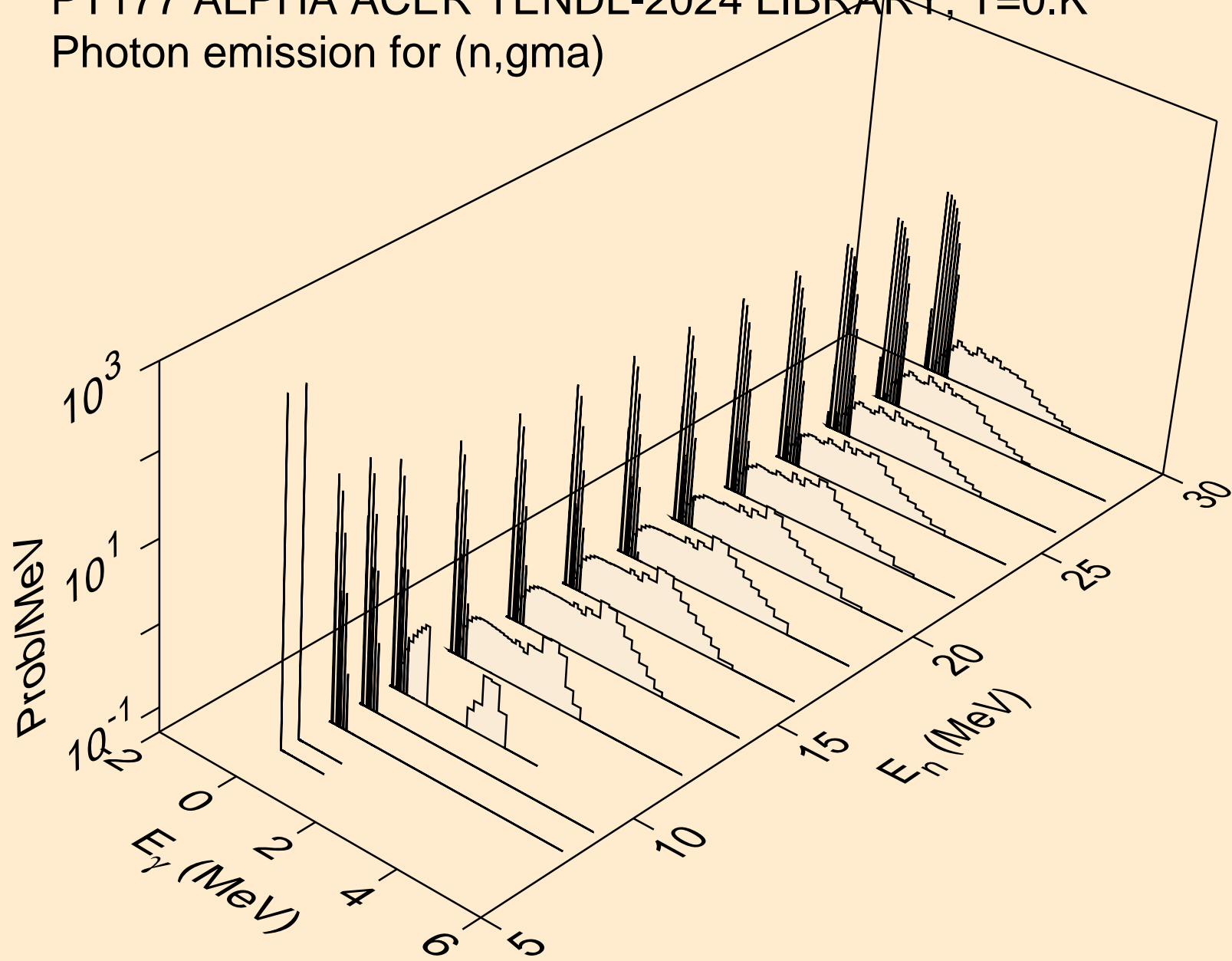
PT177 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n2p)



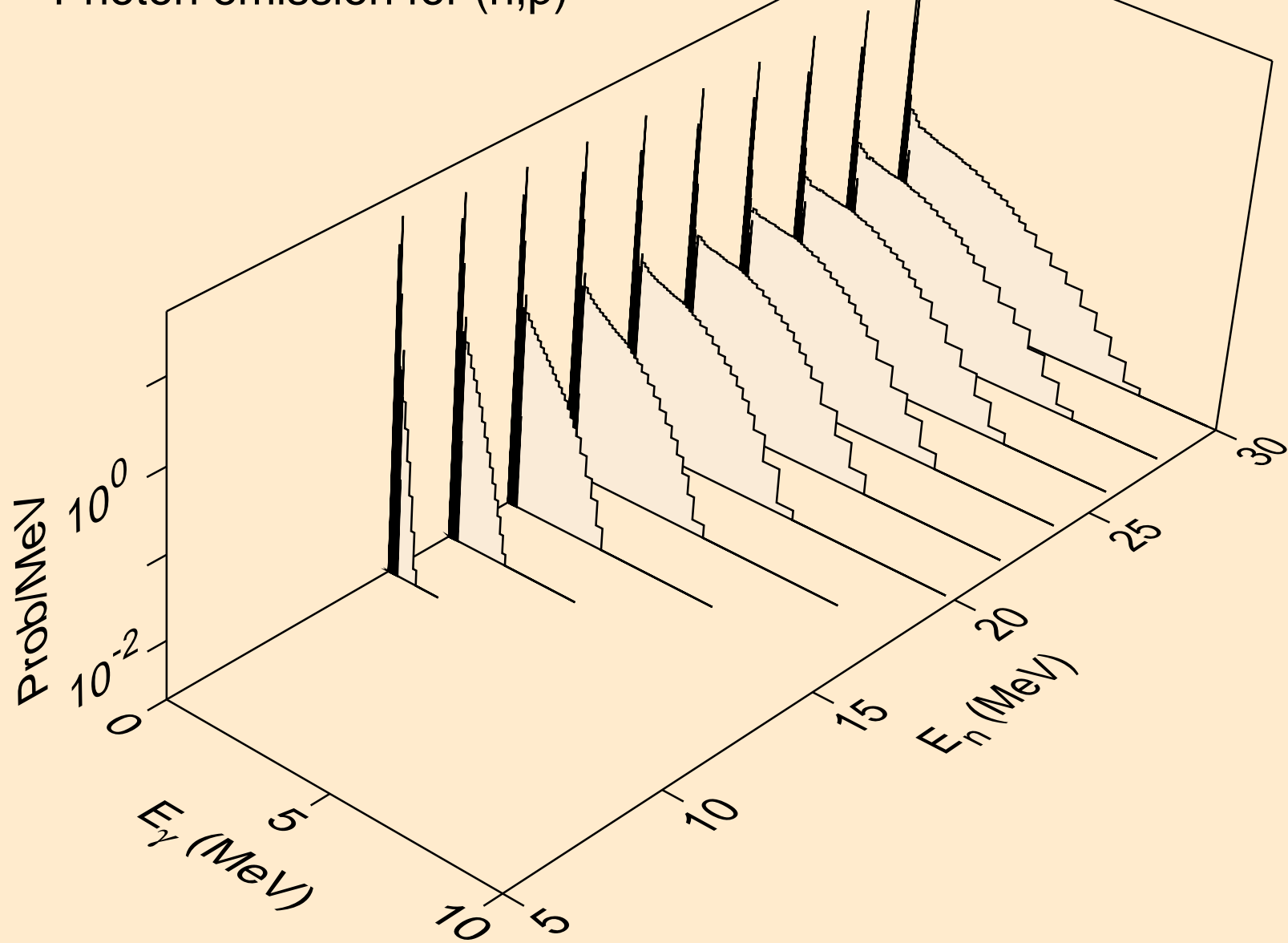
PT177 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,npa)



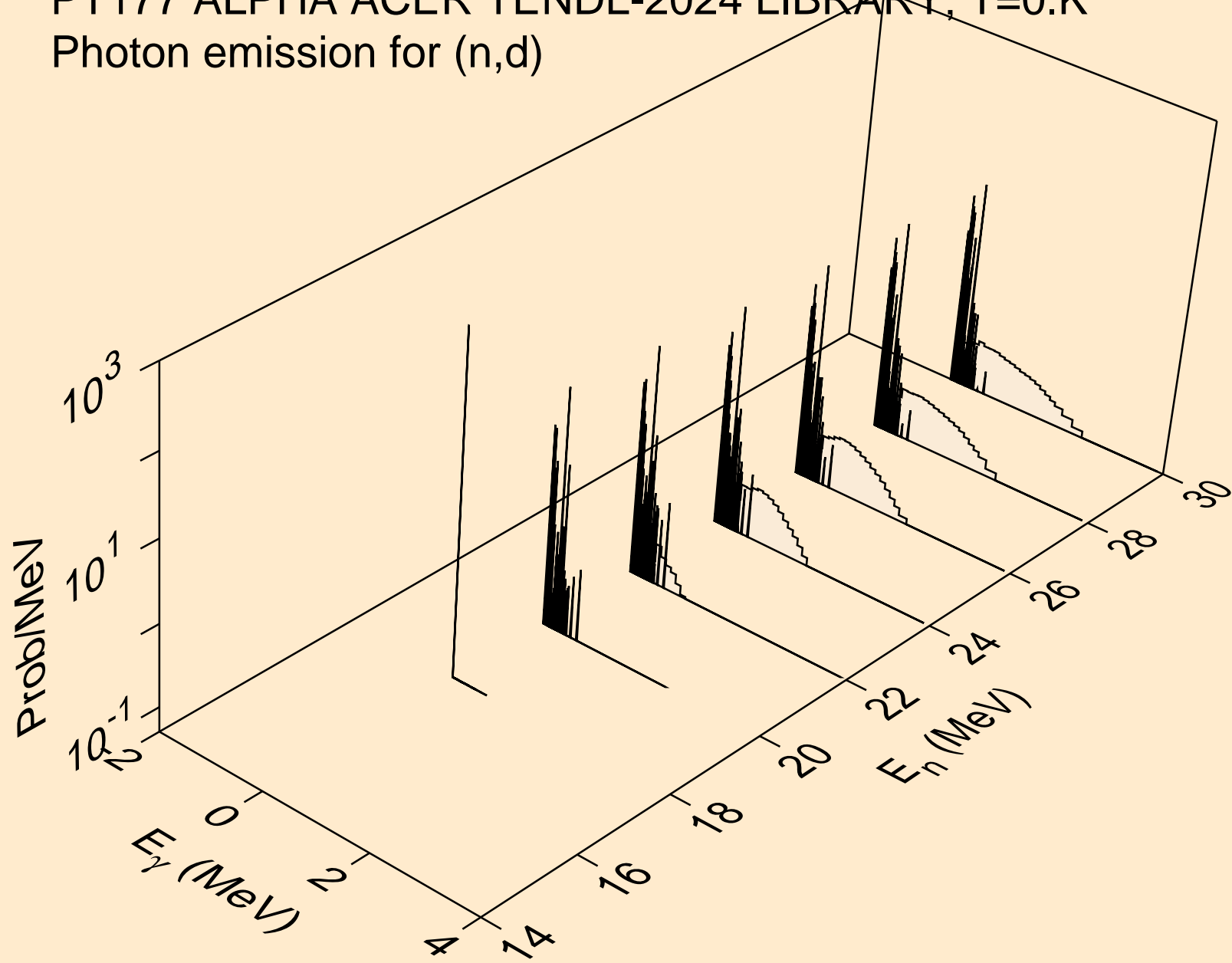
PT177 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,gma)



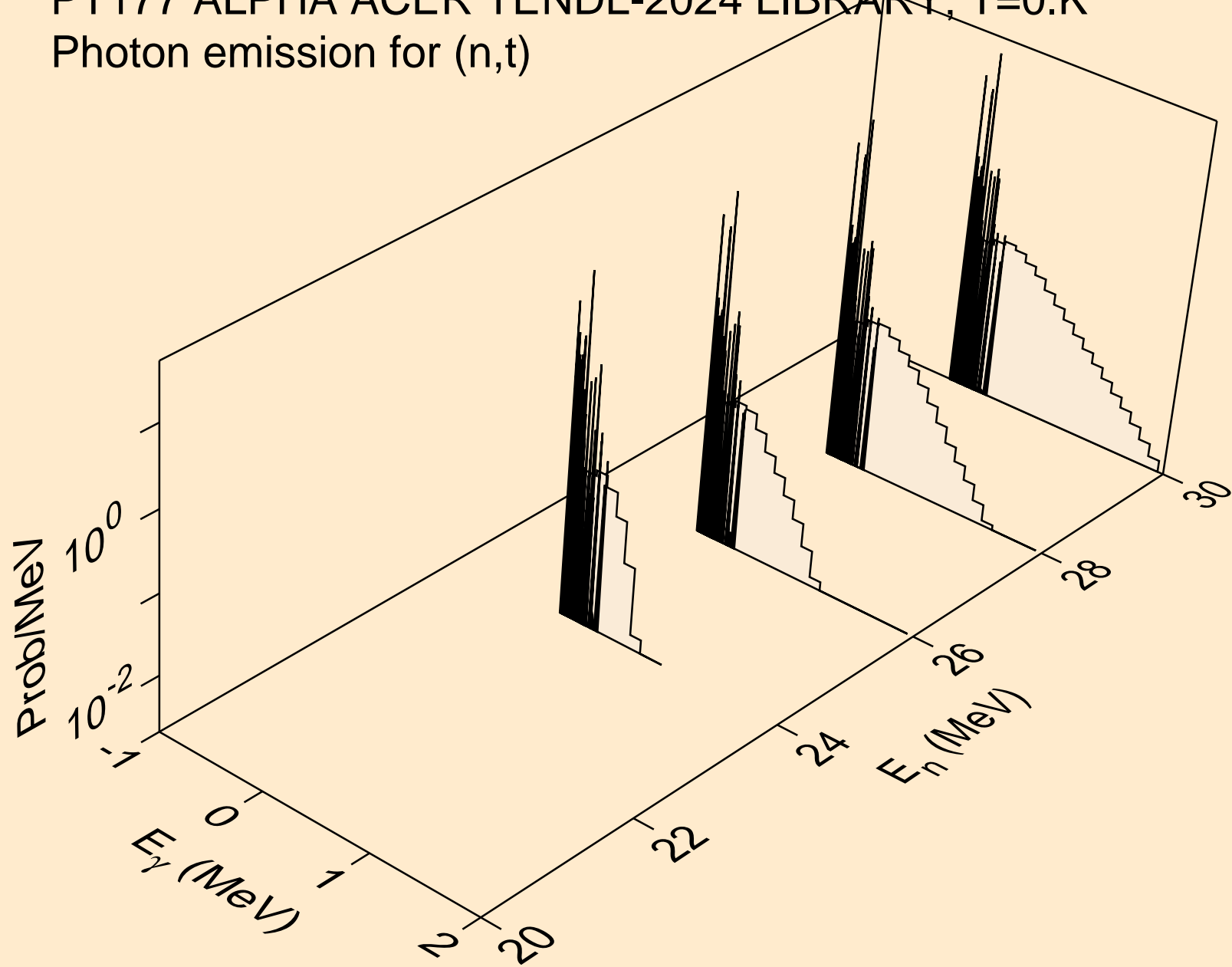
PT177 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,p)



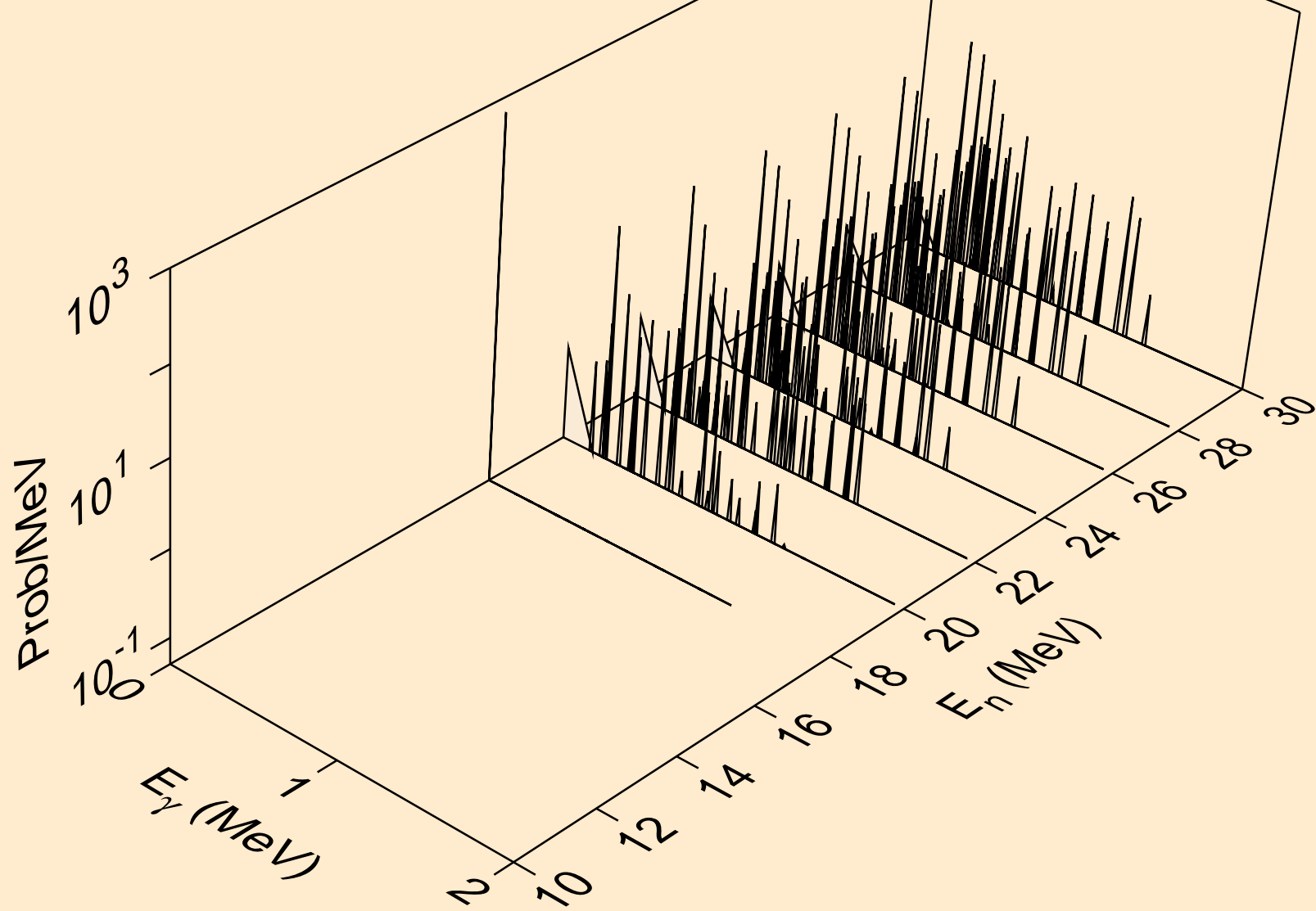
PT177 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,d)



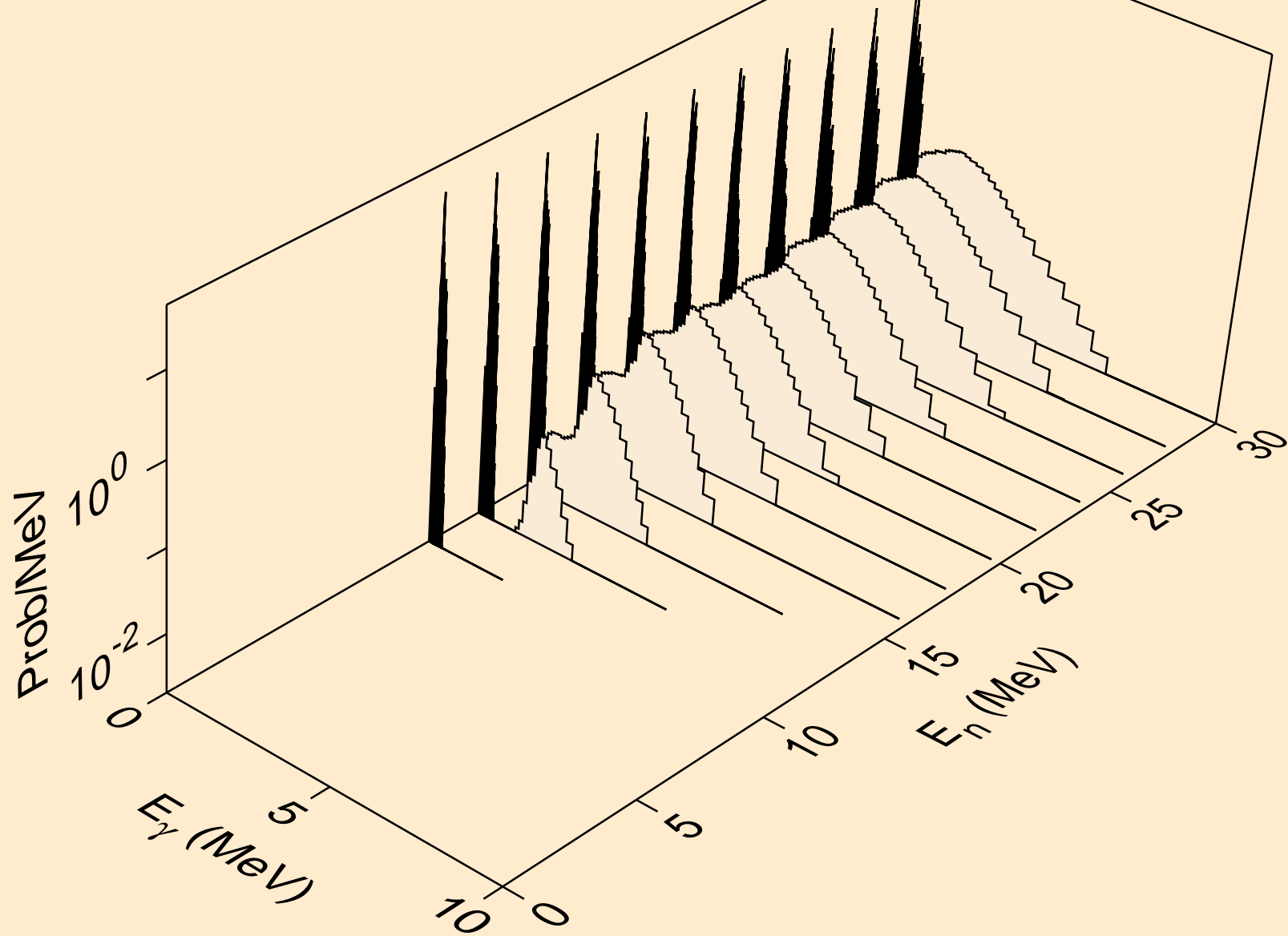
PT177 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,t)



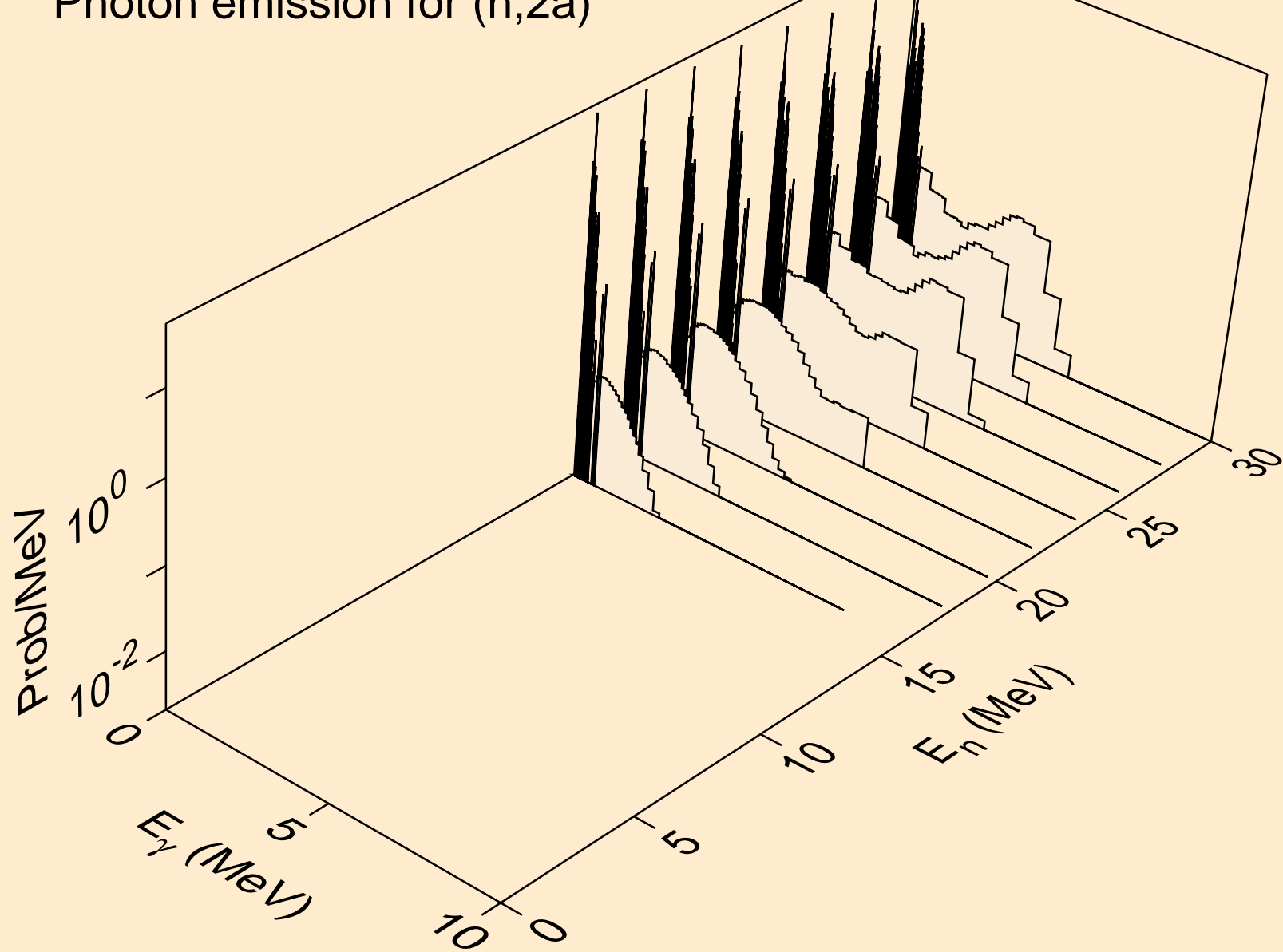
PT177 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,he3)



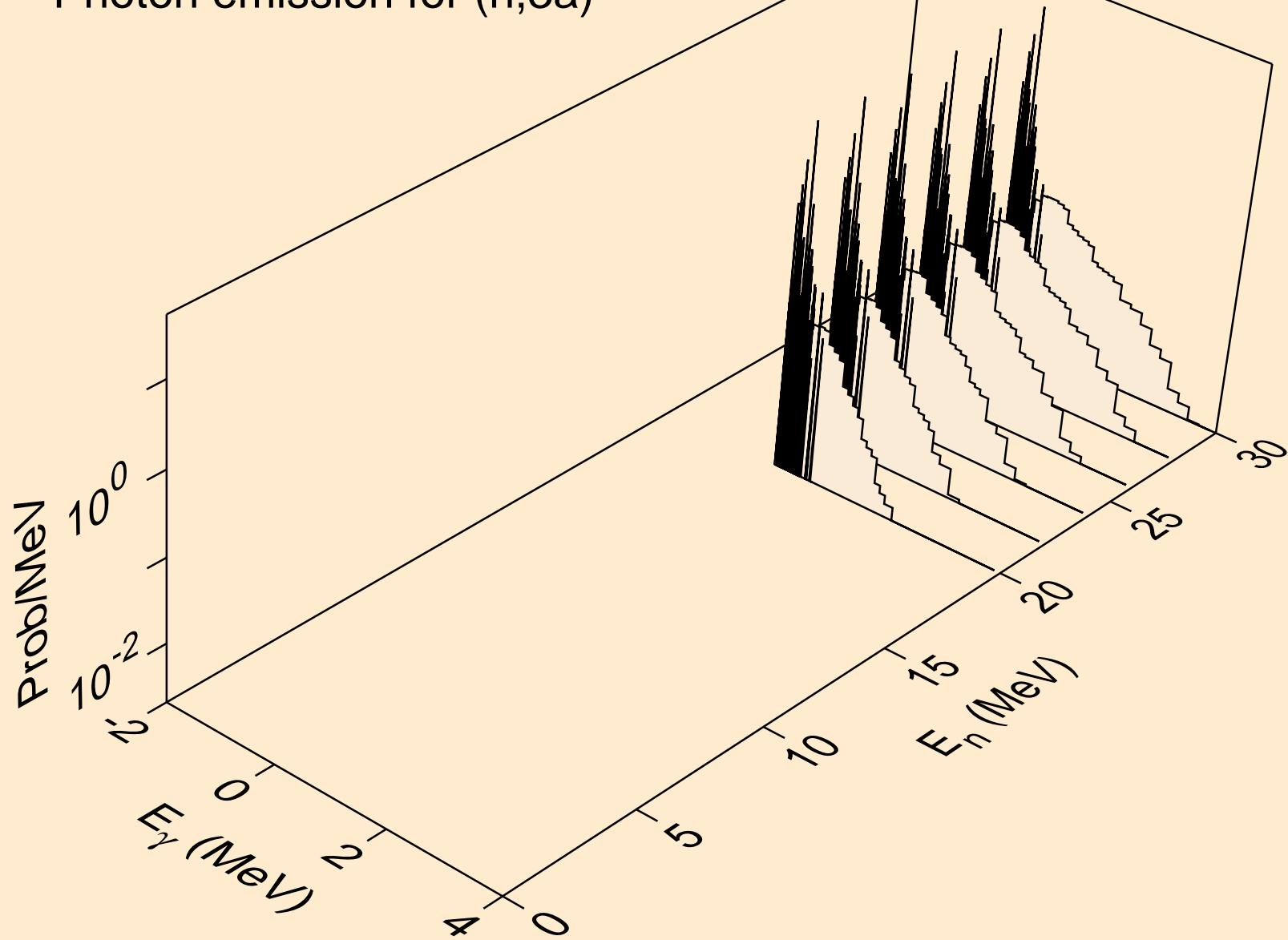
PT177 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for inelastic



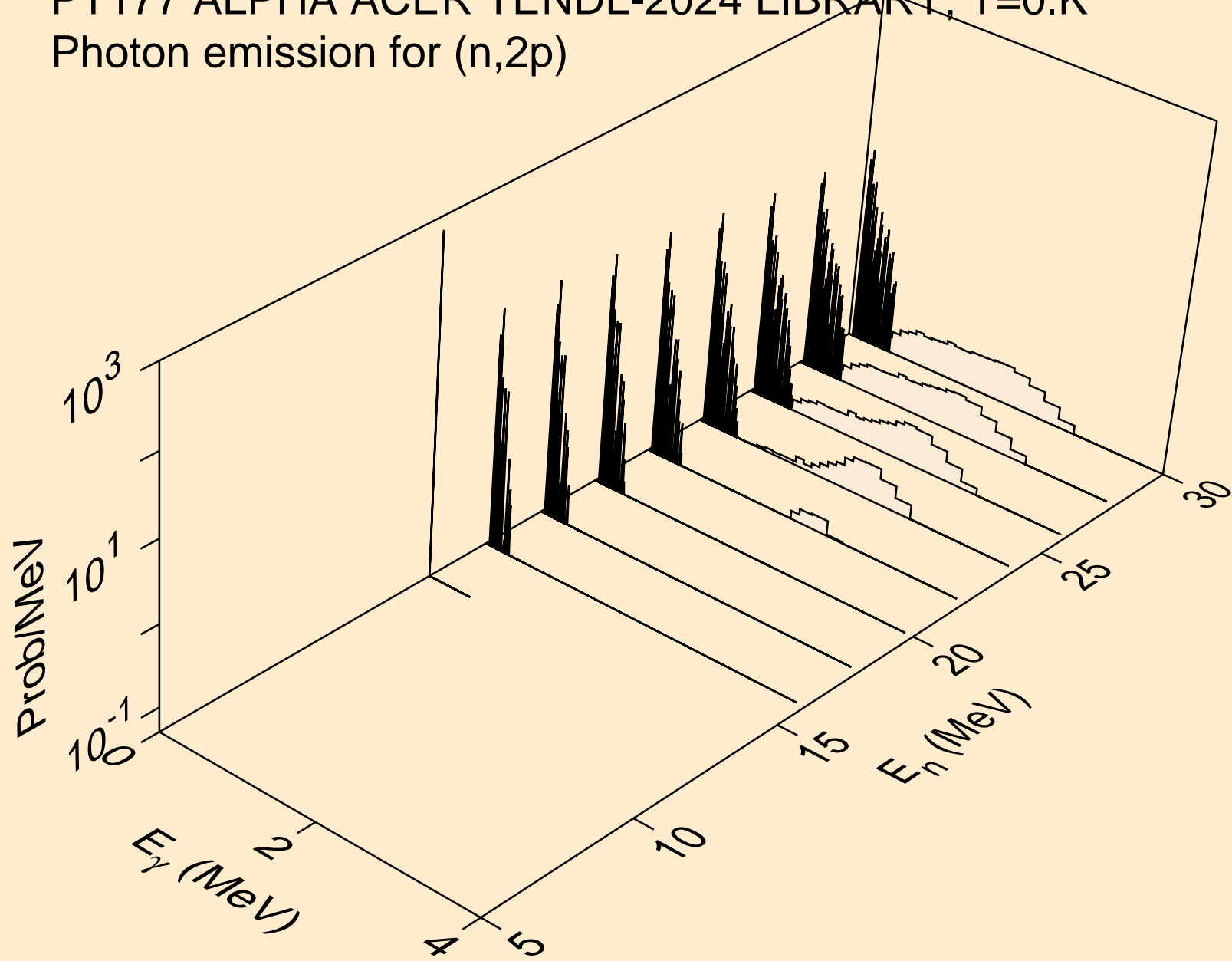
PT177 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2a)



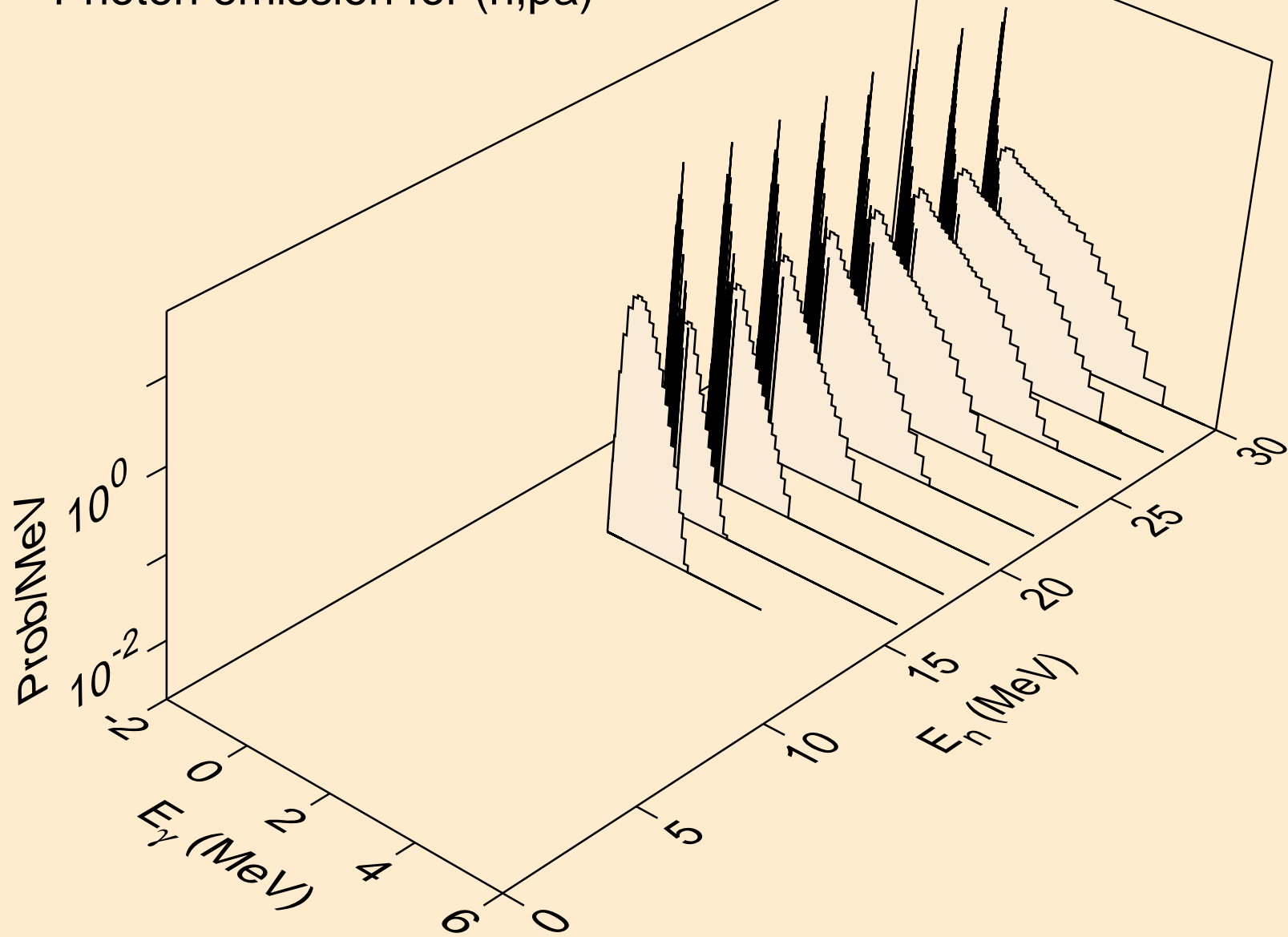
PT177 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3a)



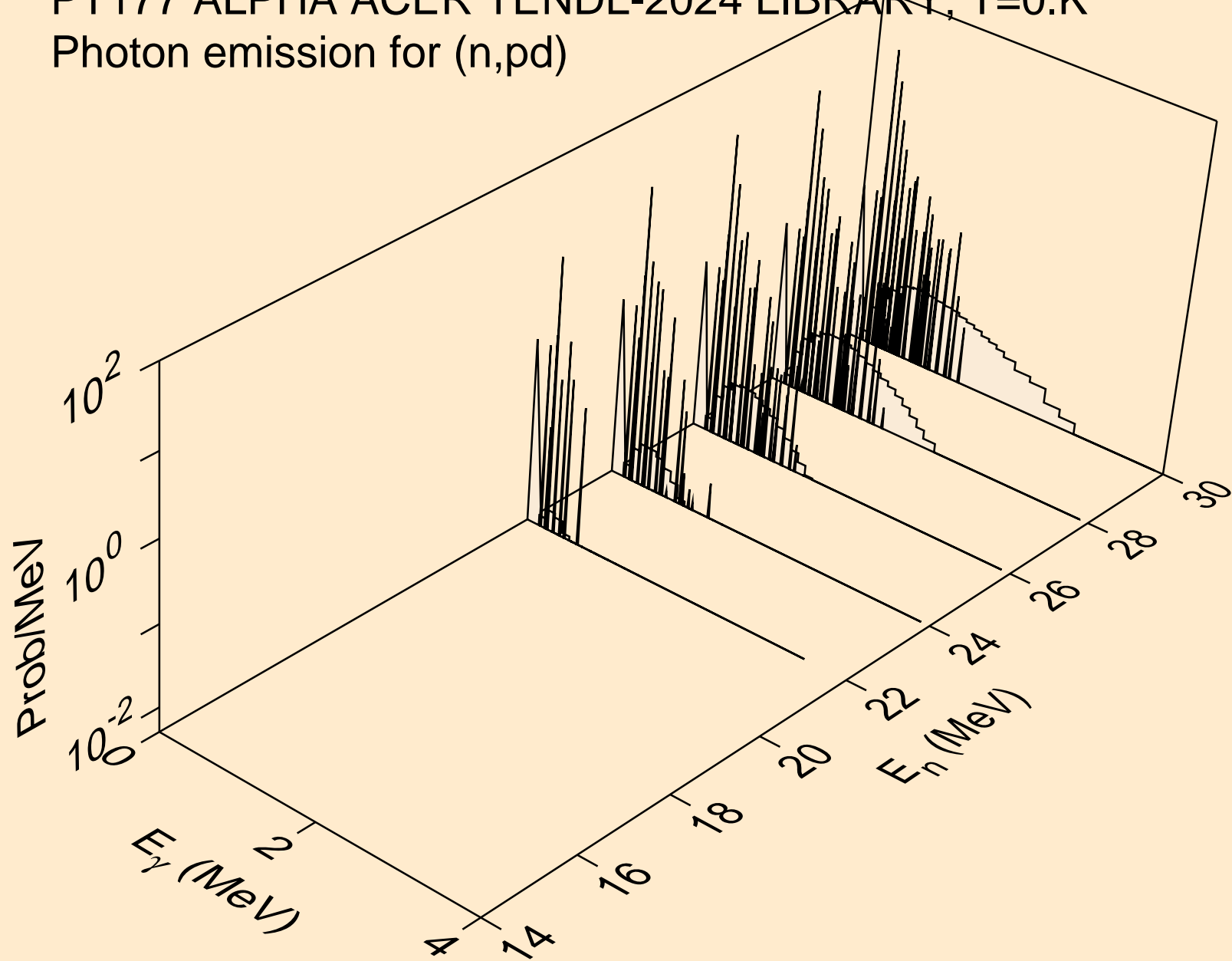
PT177 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2p)



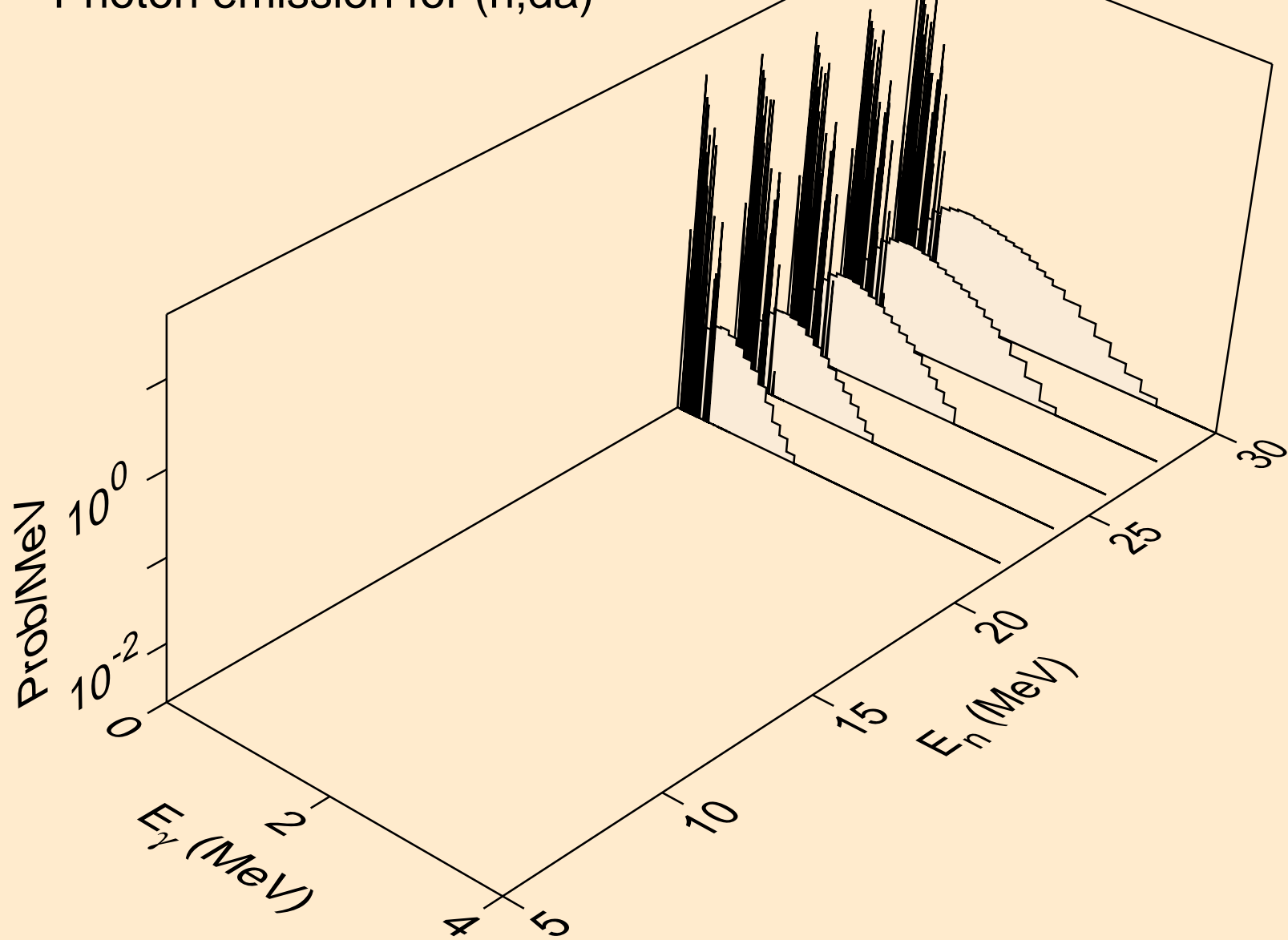
PT177 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pa)



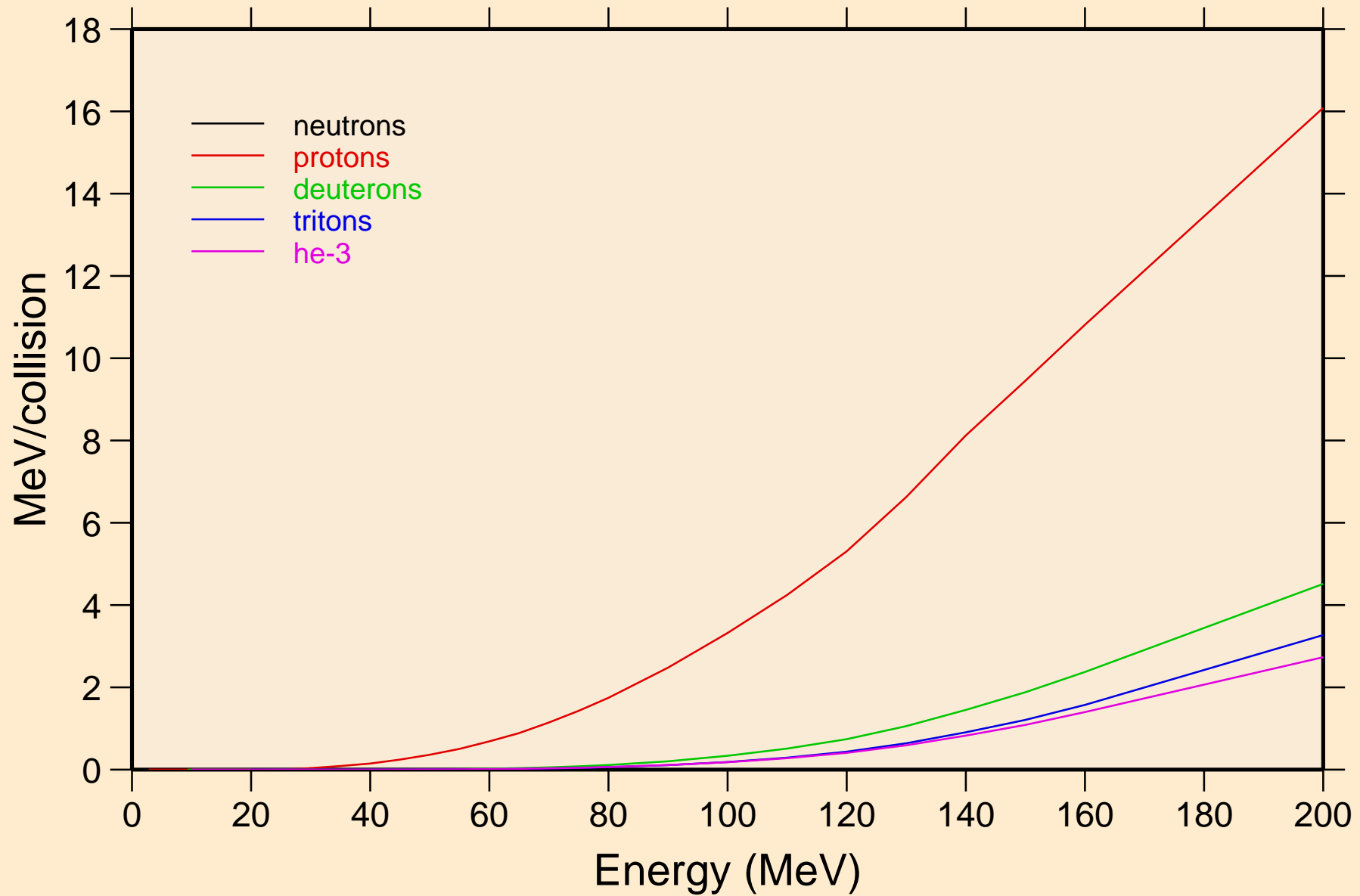
PT177 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pd)



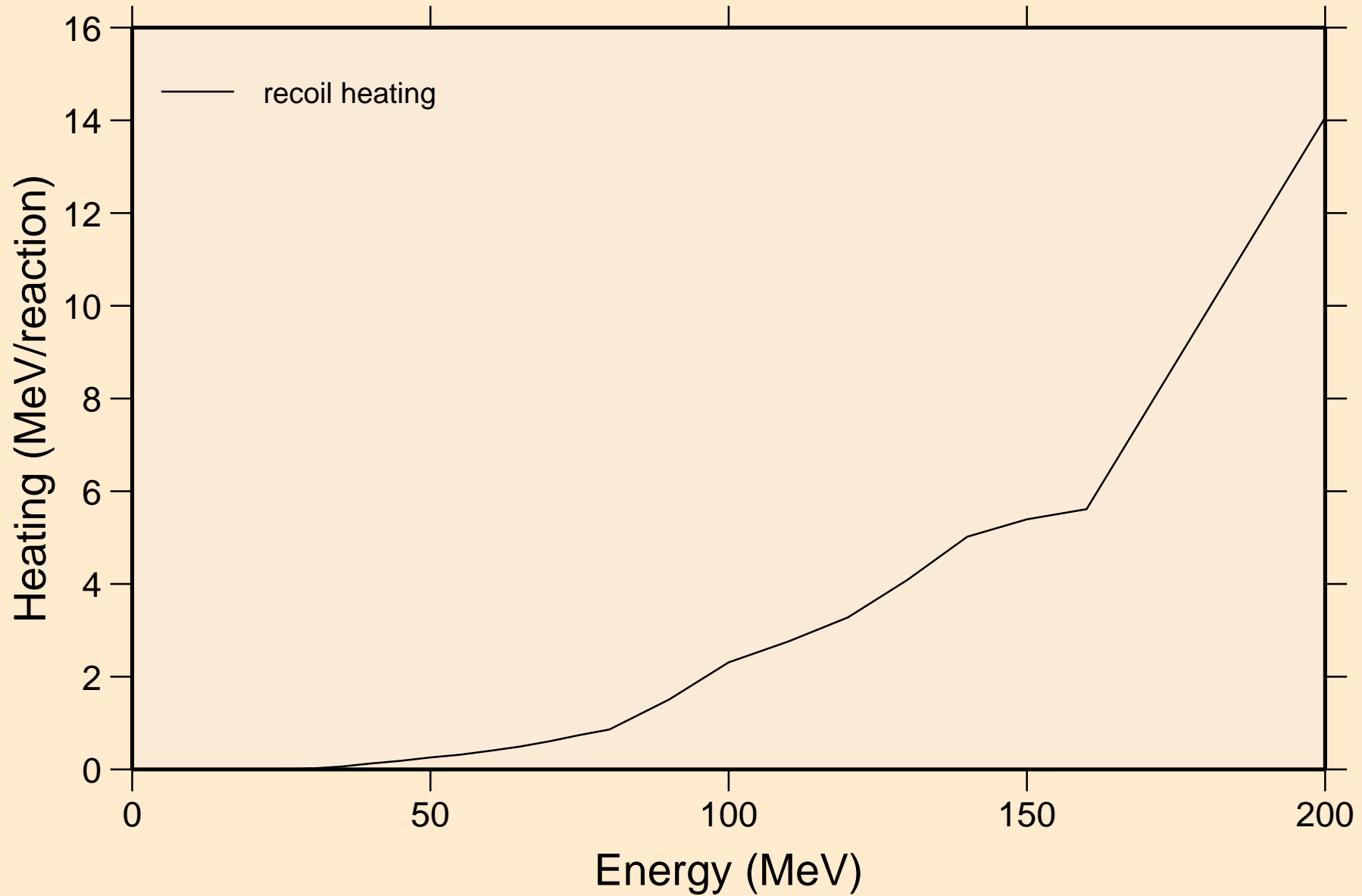
PT177 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,da)



PT177 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Particle heating contributions

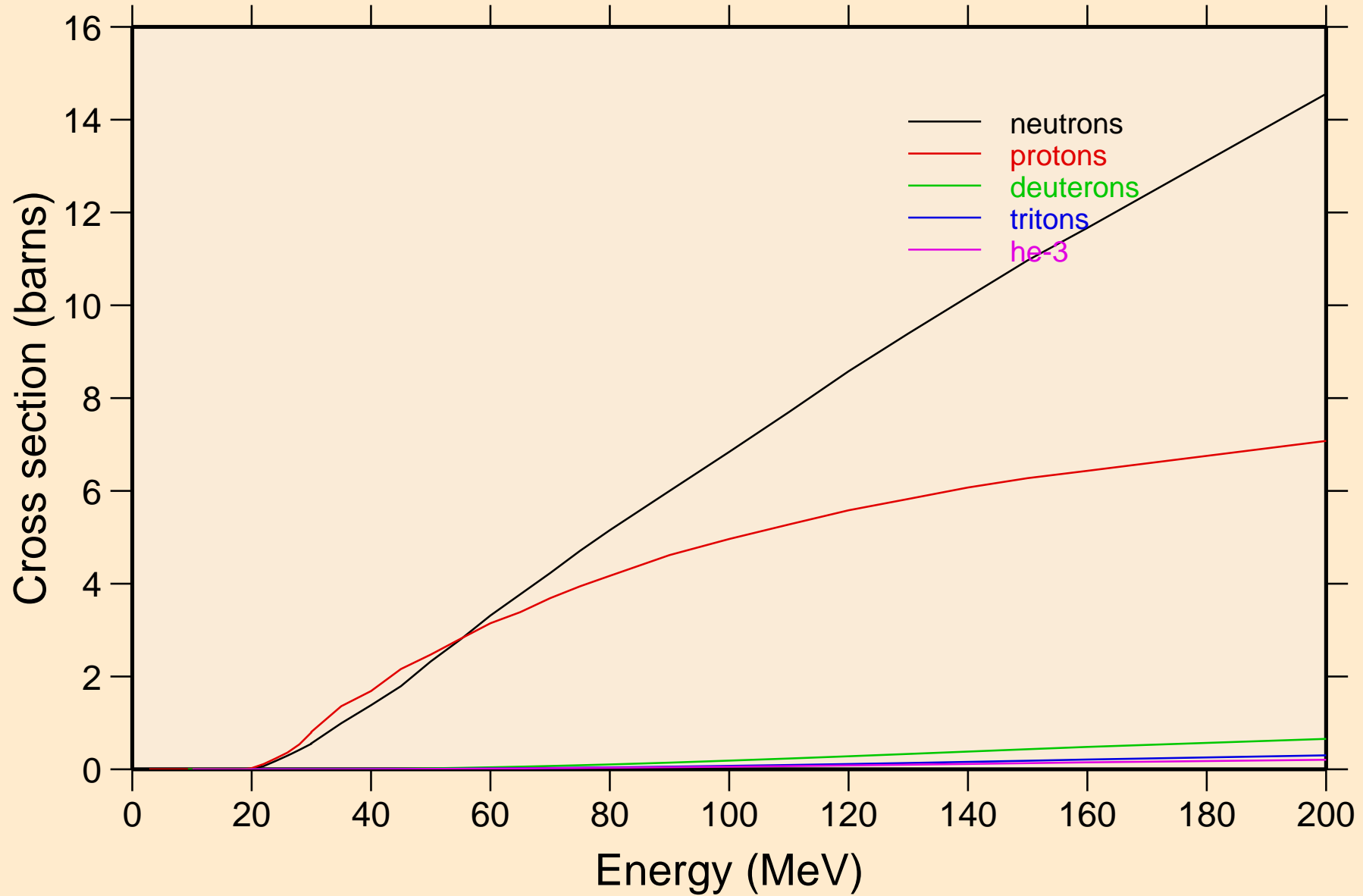


PT177 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Recoil Heating

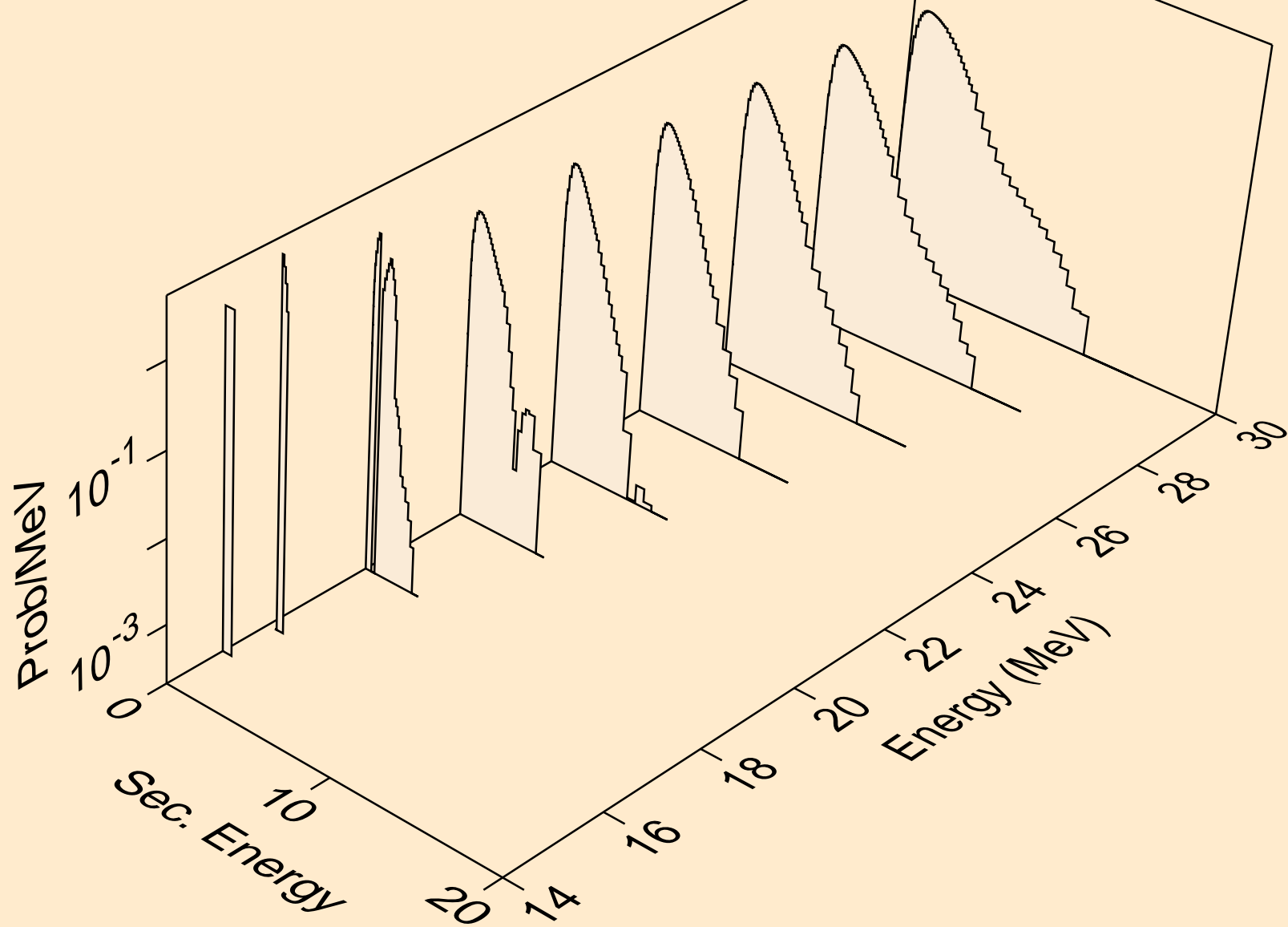


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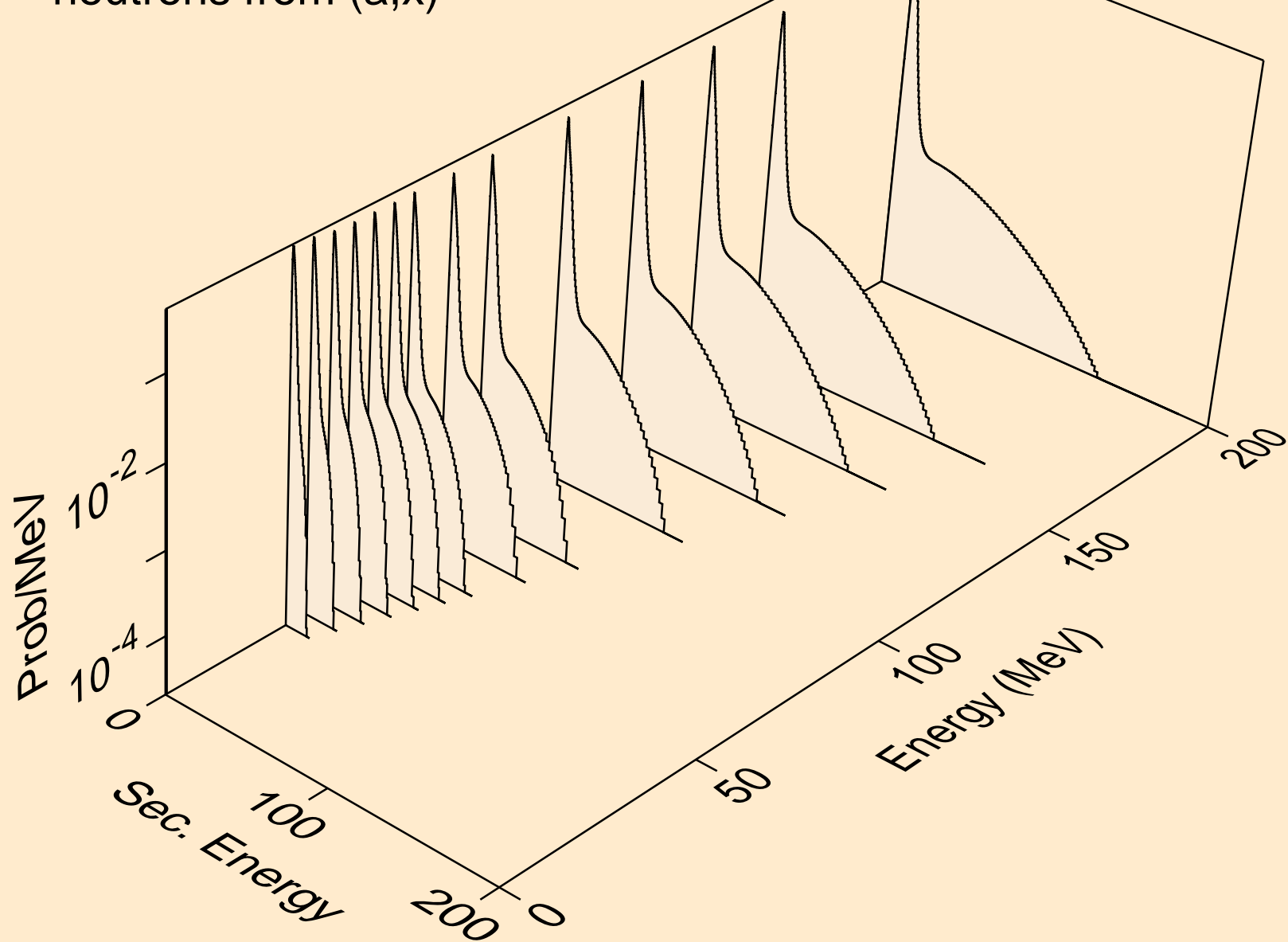
Particle production cross sections



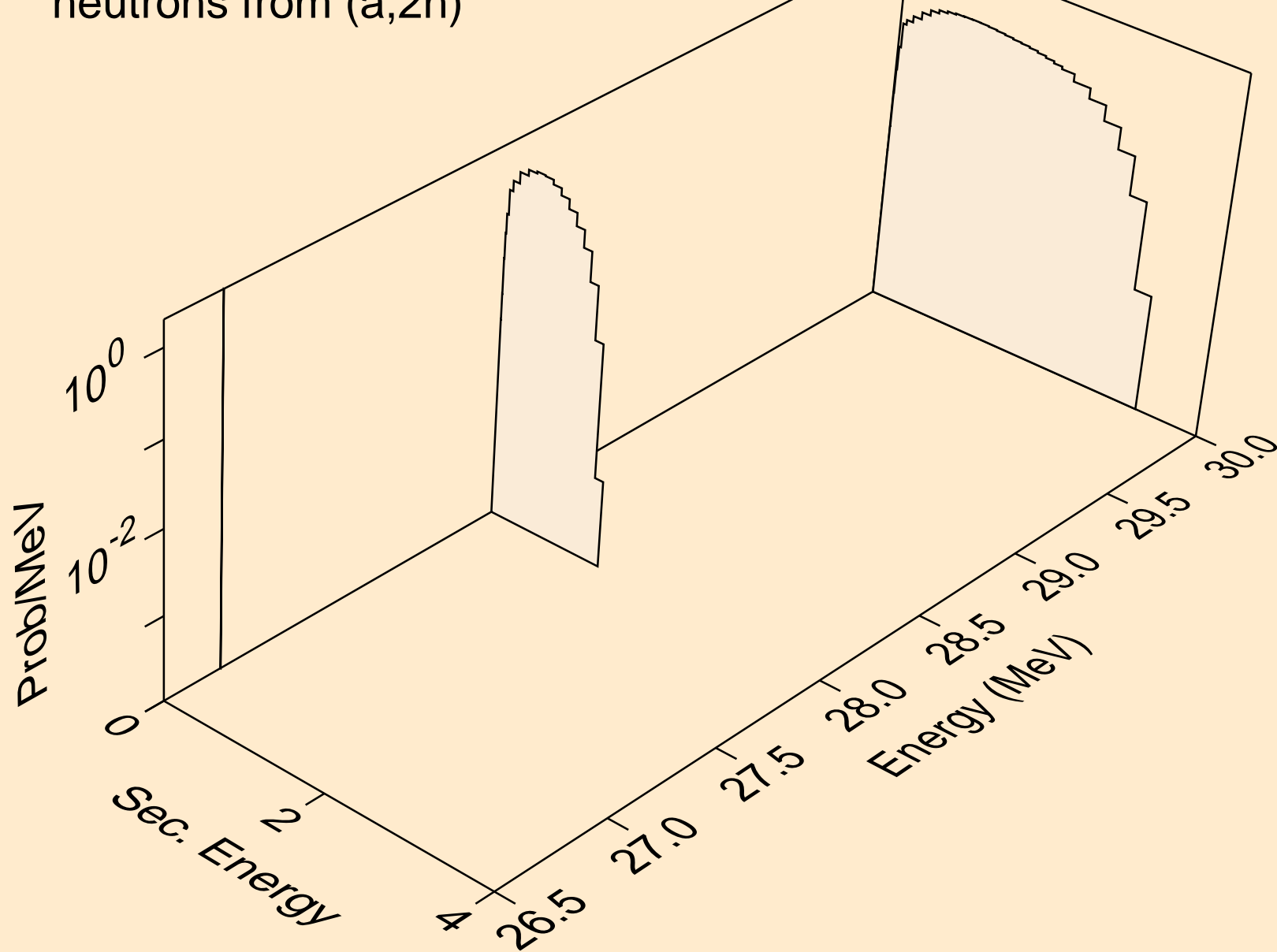
PT177 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,n)



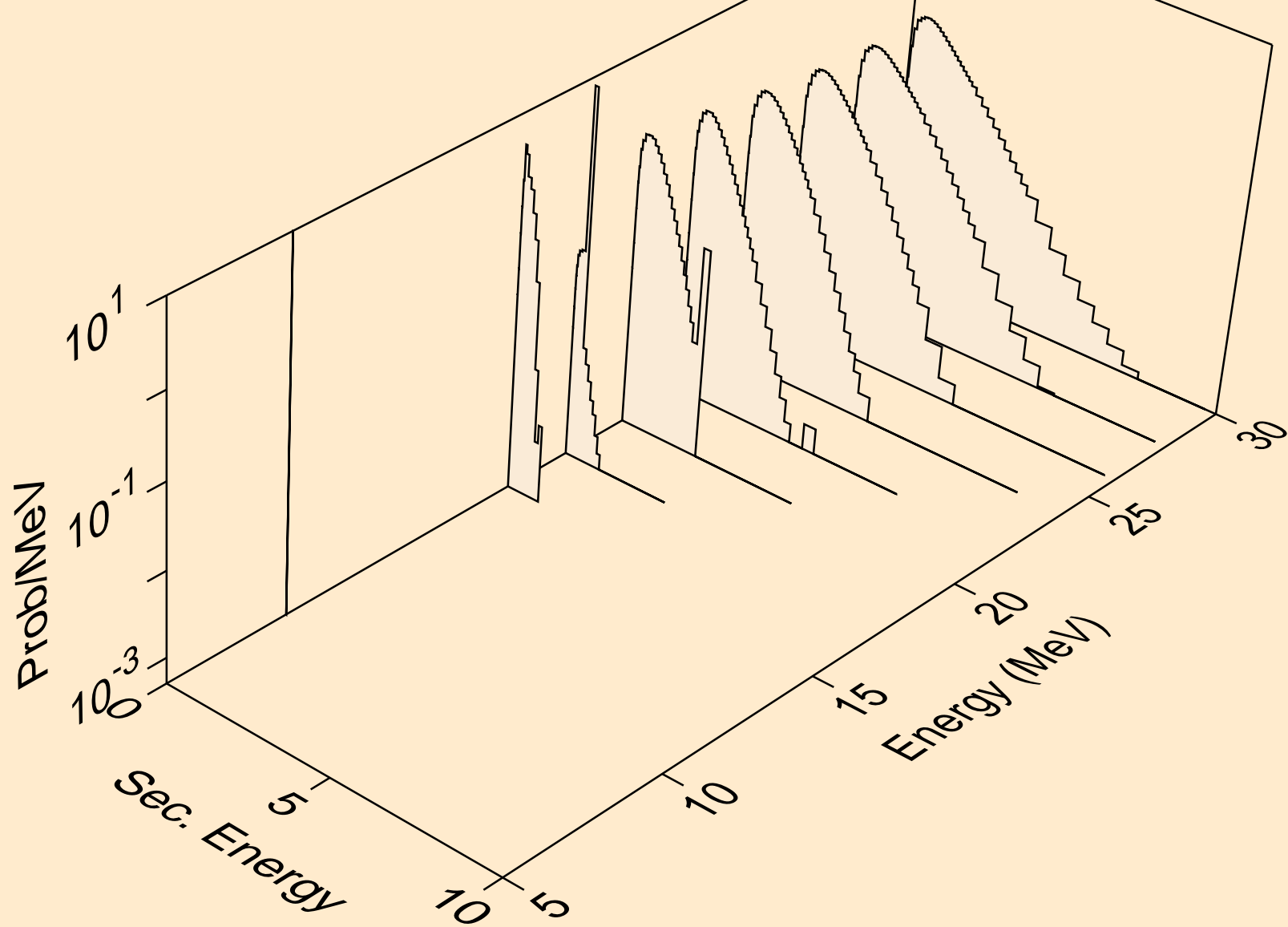
PT177 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,x)



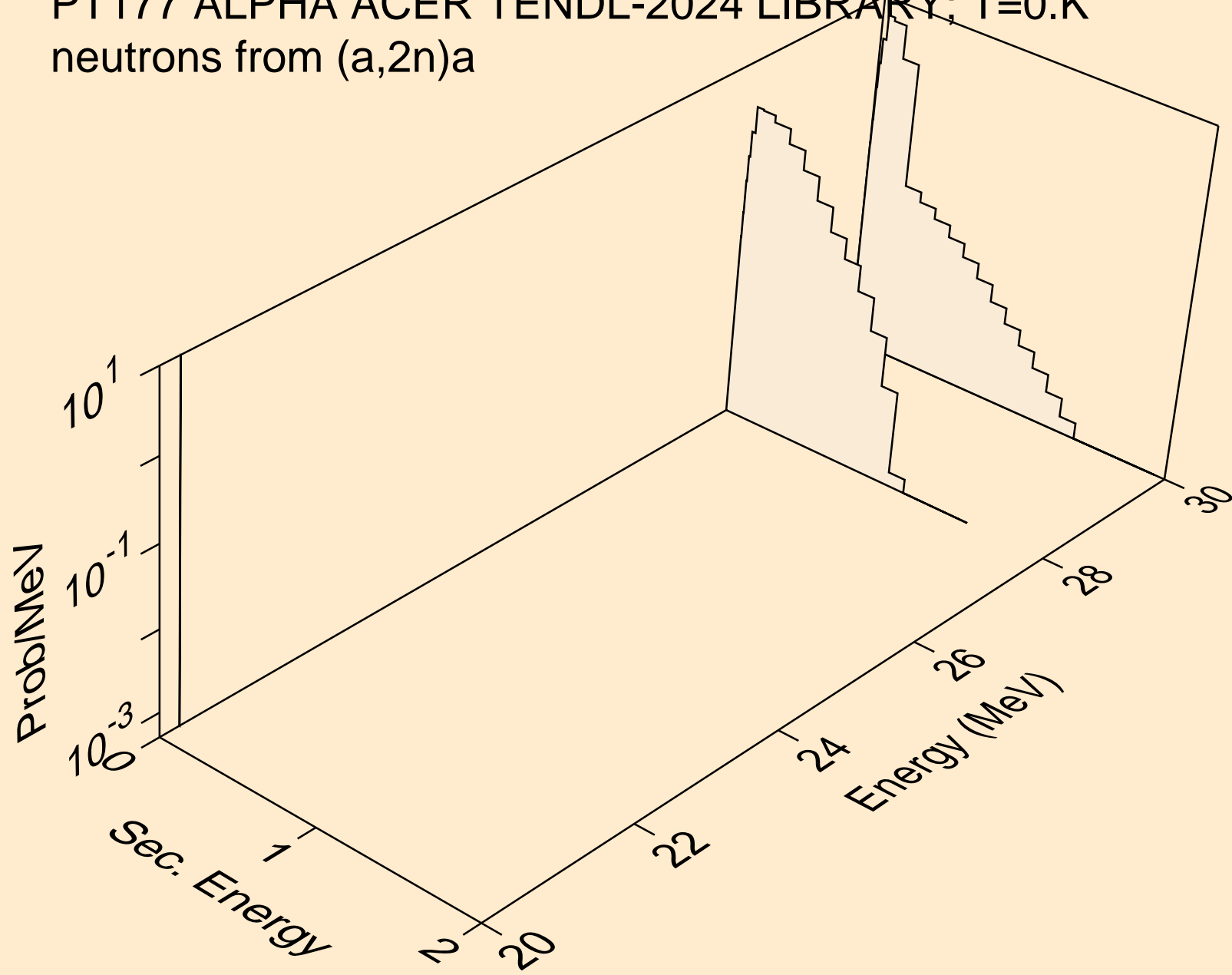
PT177 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,2n)



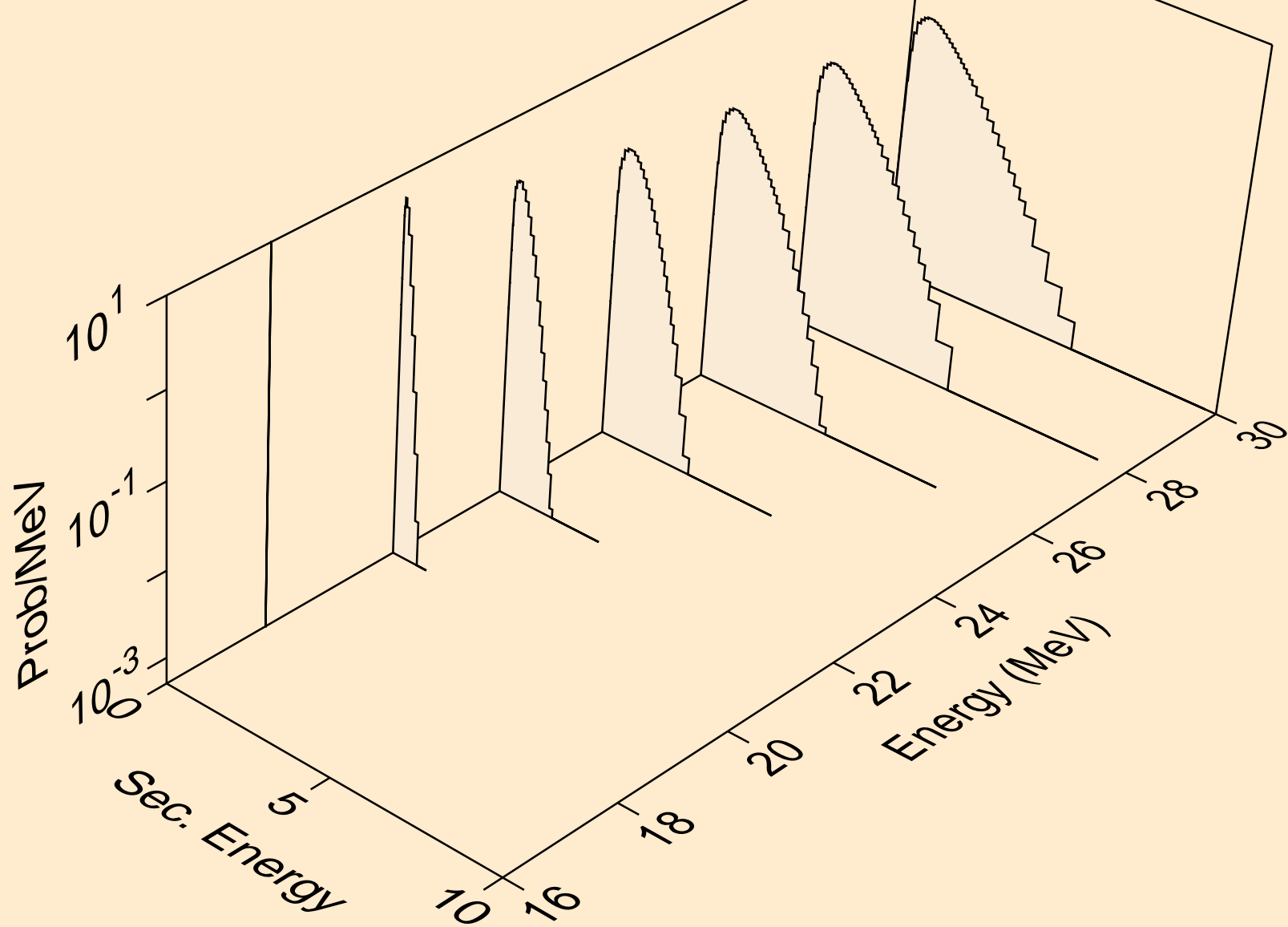
PT177 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,n*)a



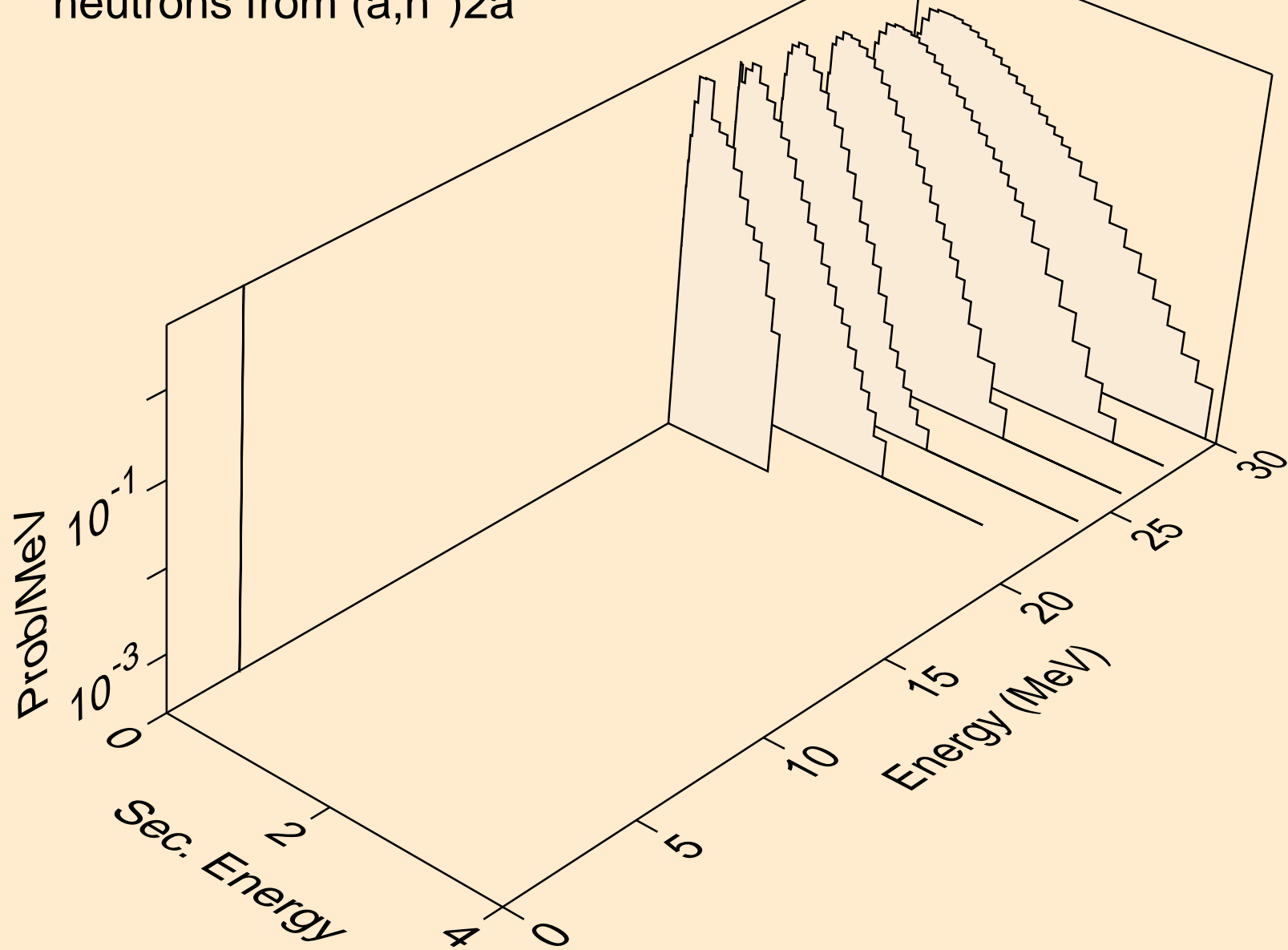
PT177 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,2n)a



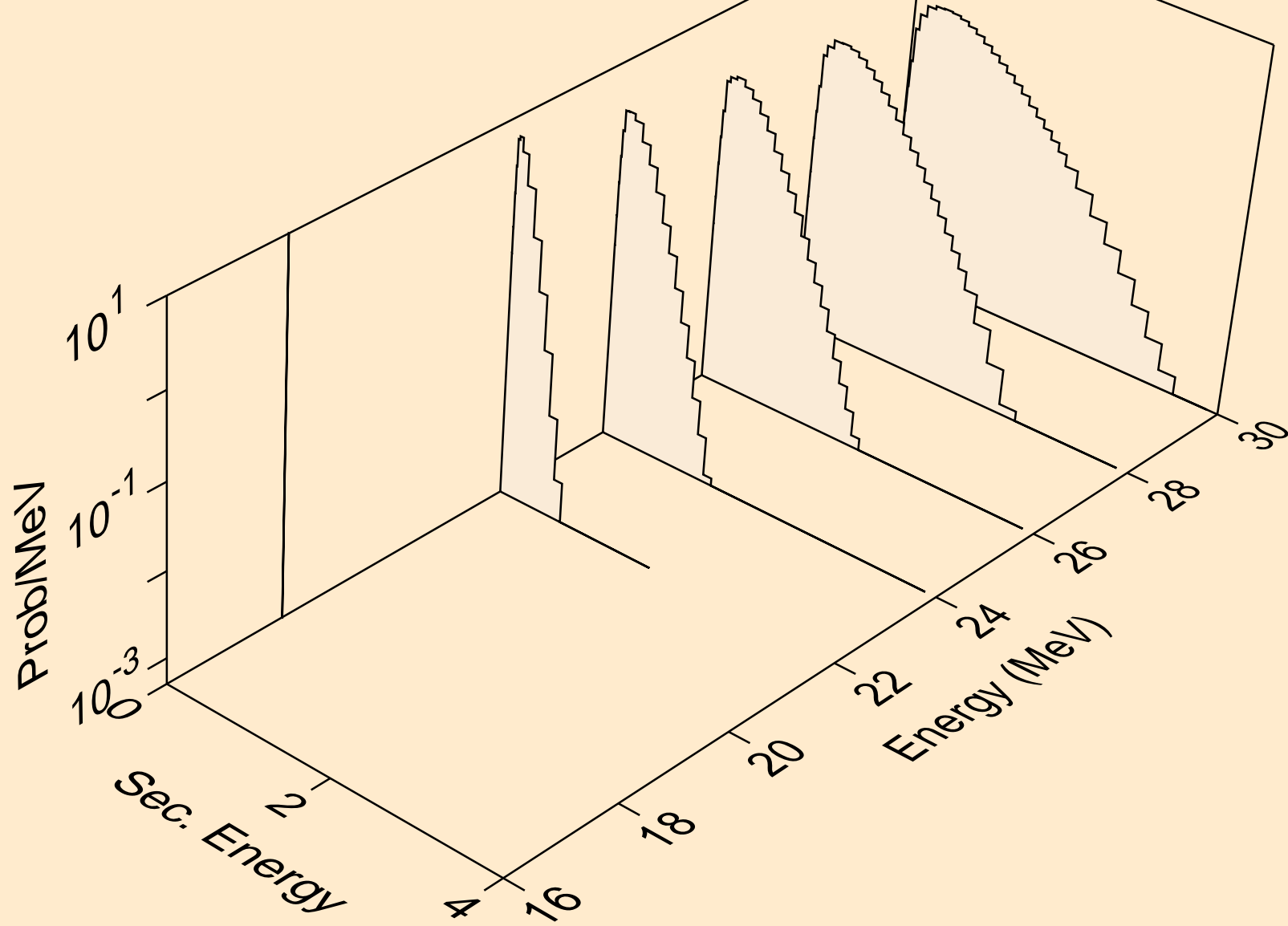
PT177 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,n*)p



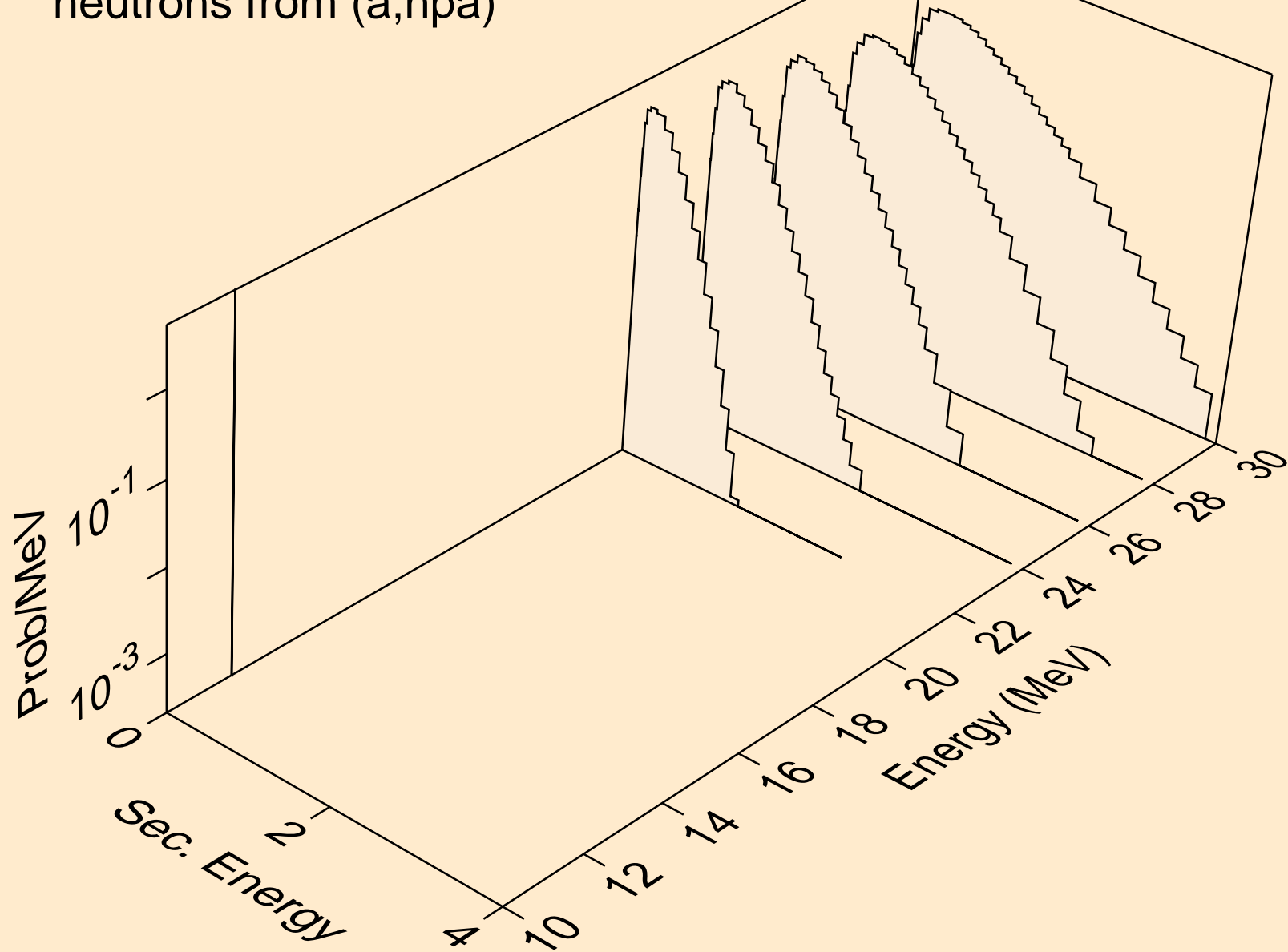
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neutrons from (a,n*)2a



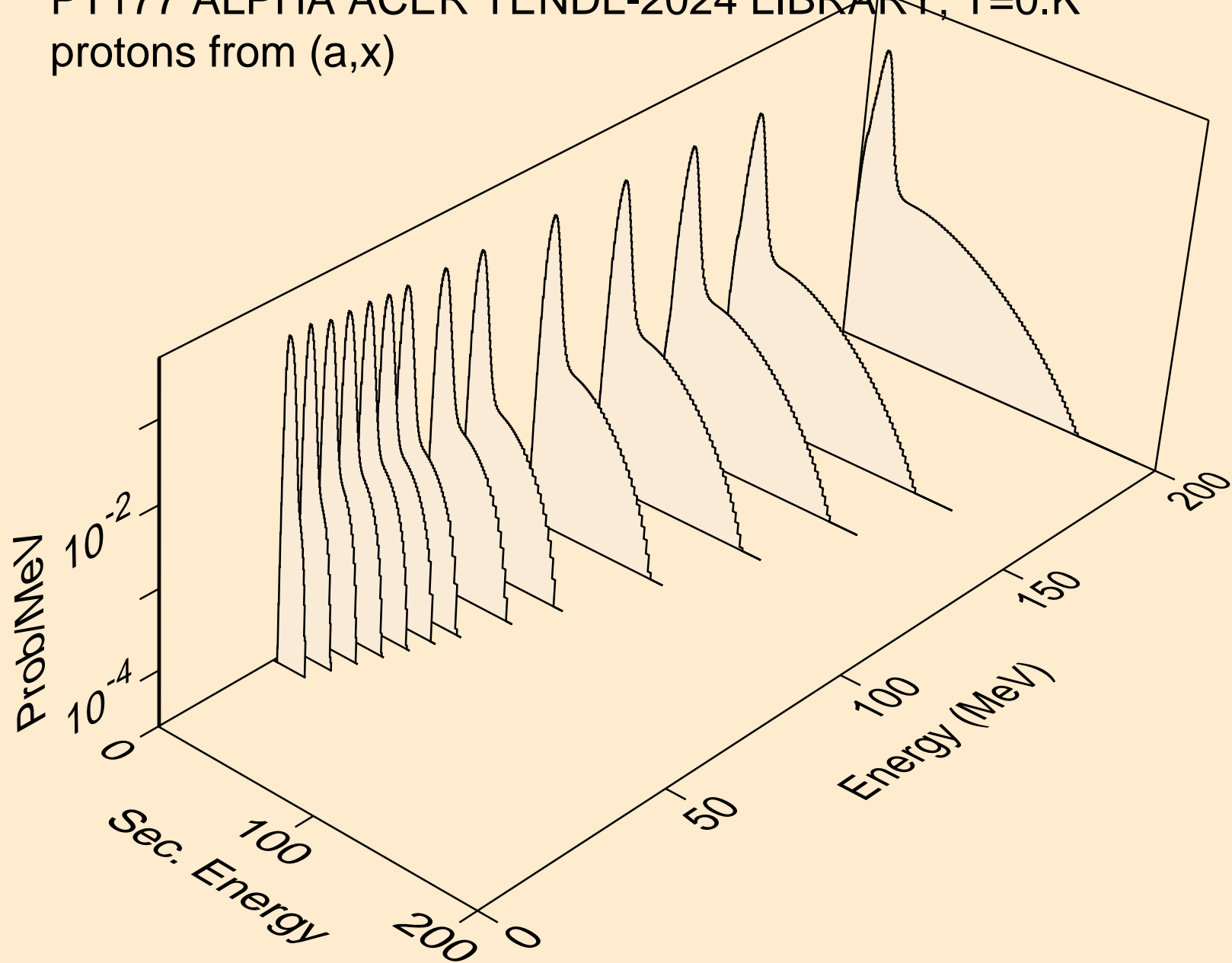
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neutrons from (a,n2p)



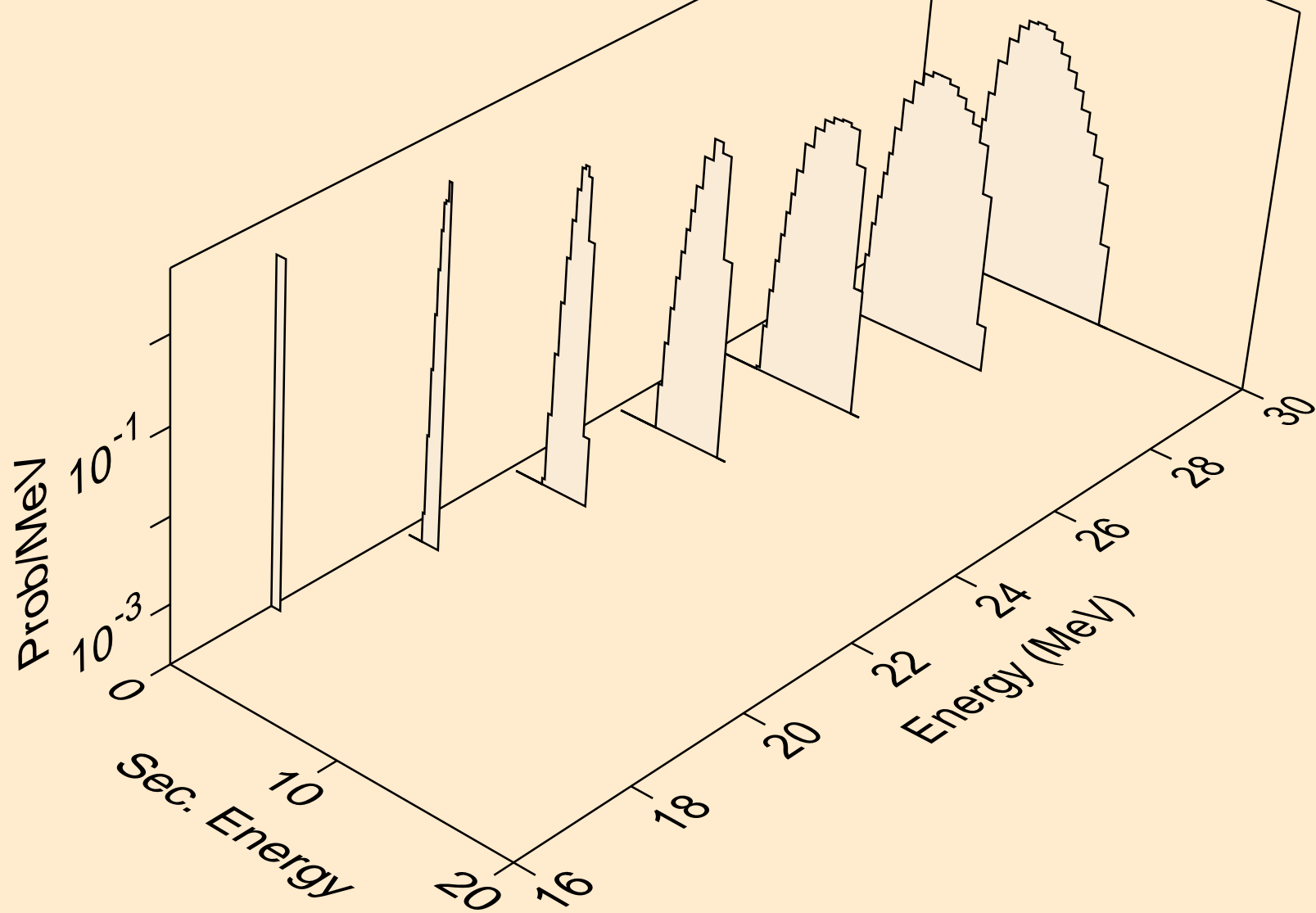
PT177 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,npa)



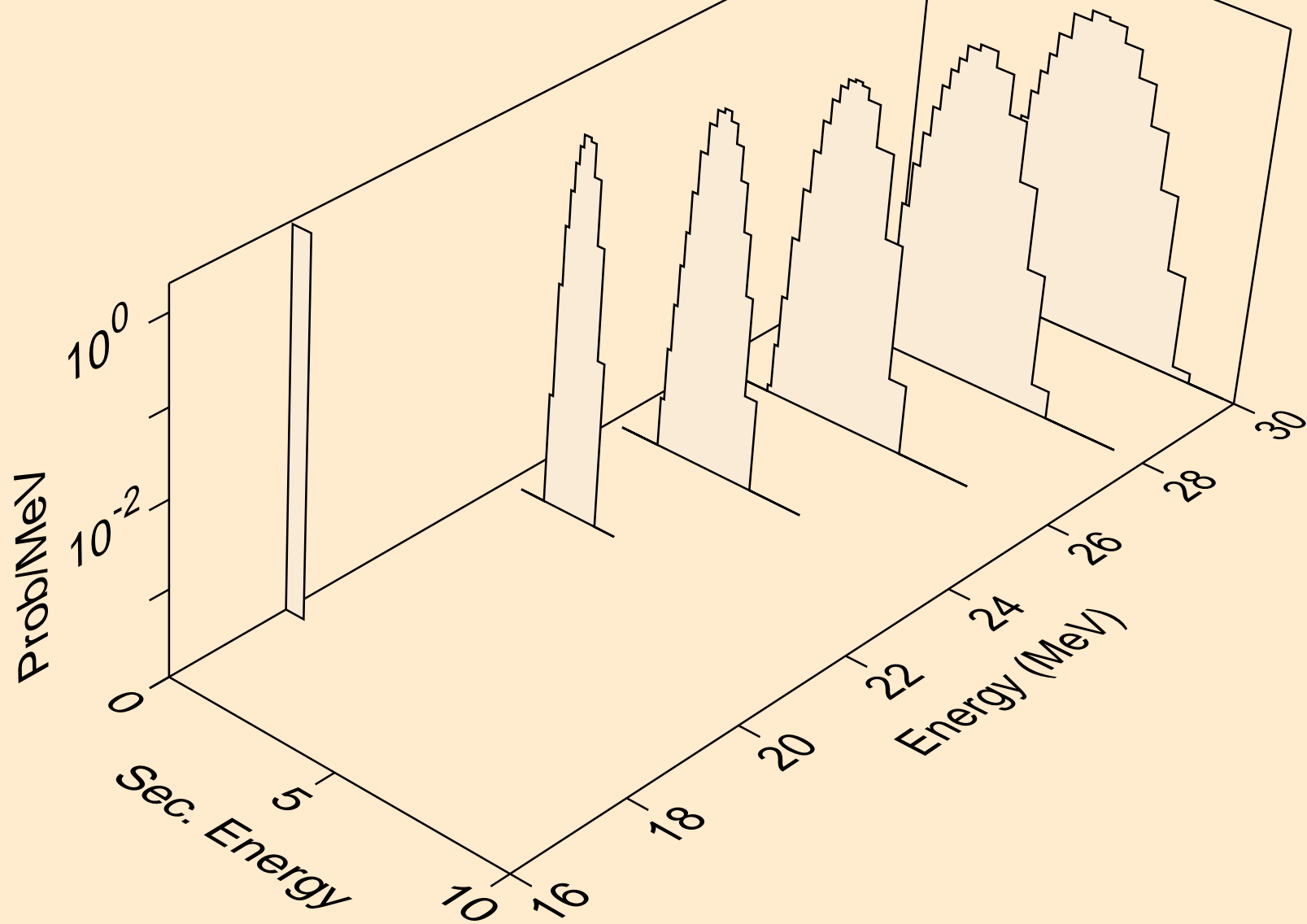
PT177 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
protons from (a,x)



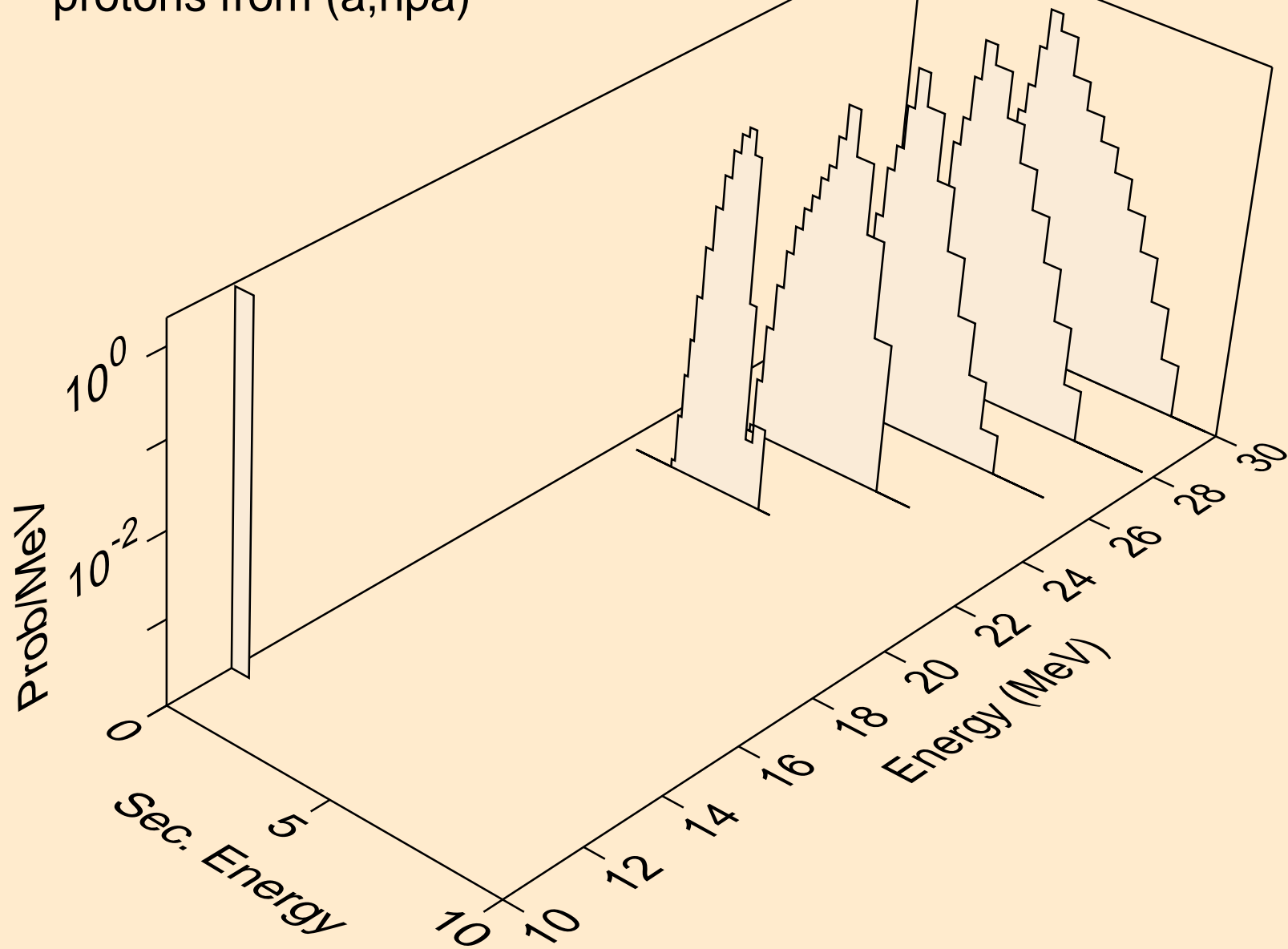
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protons from (a,n*)p



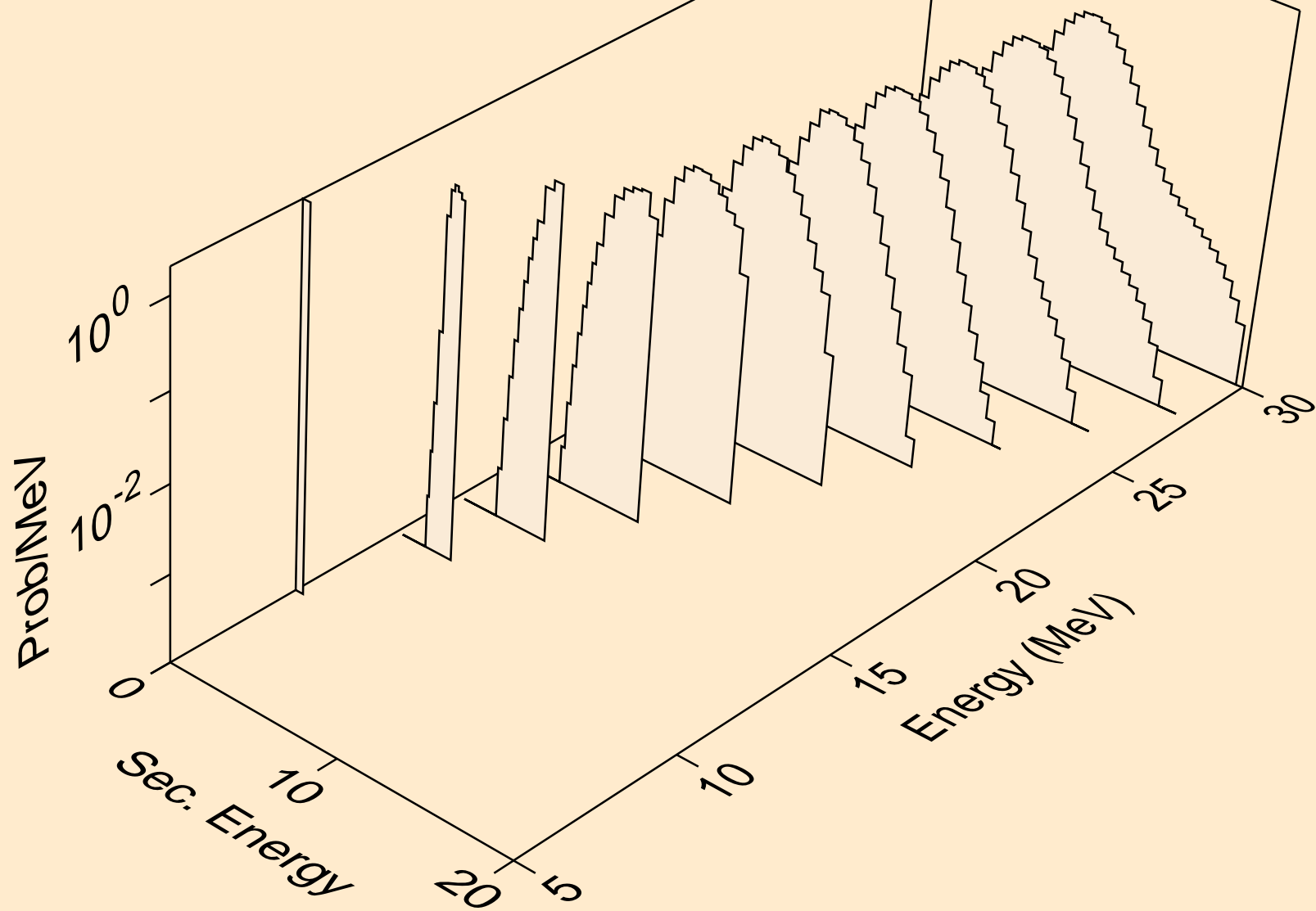
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protons from (a,n2p)



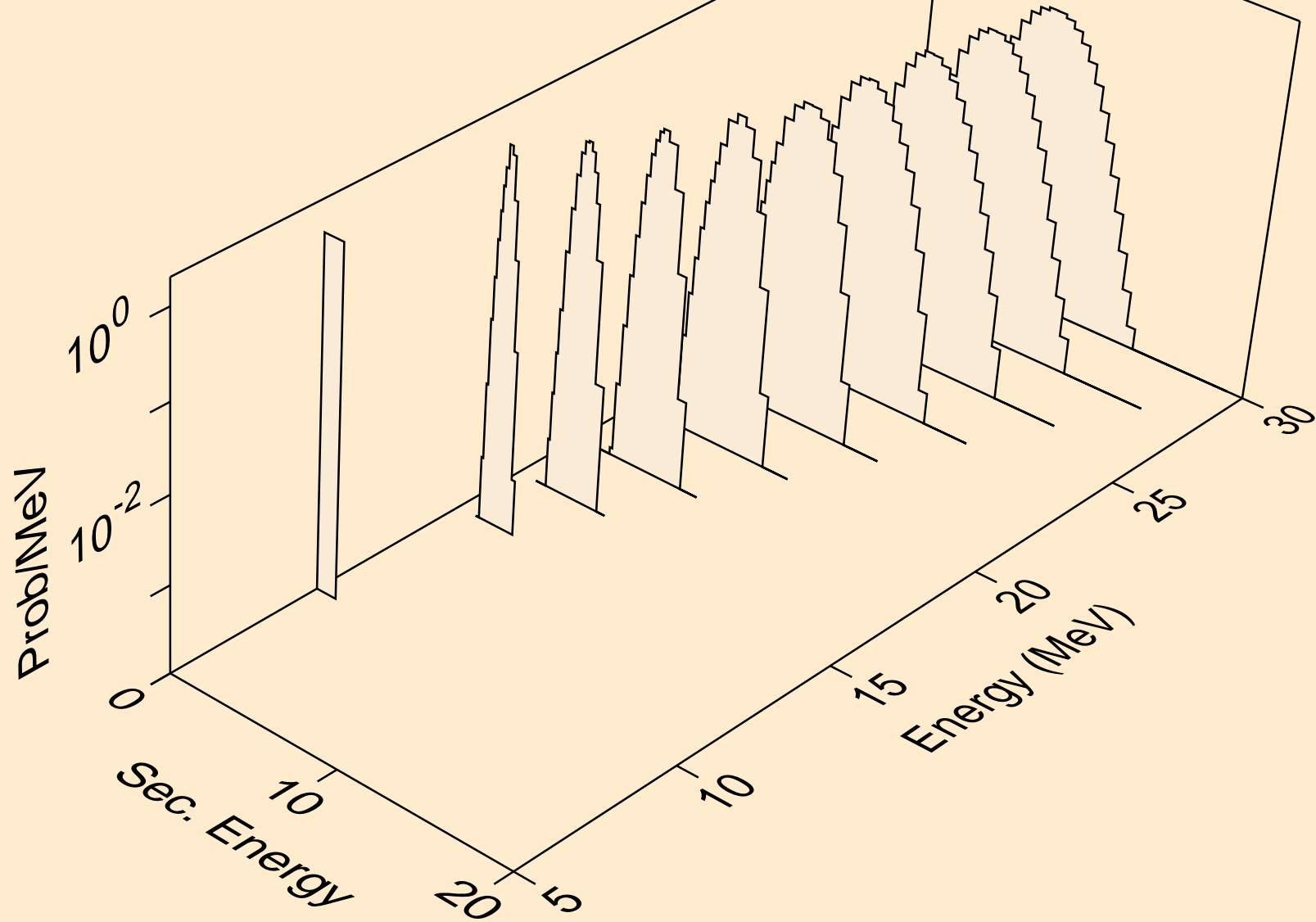
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protons from (a,npa)



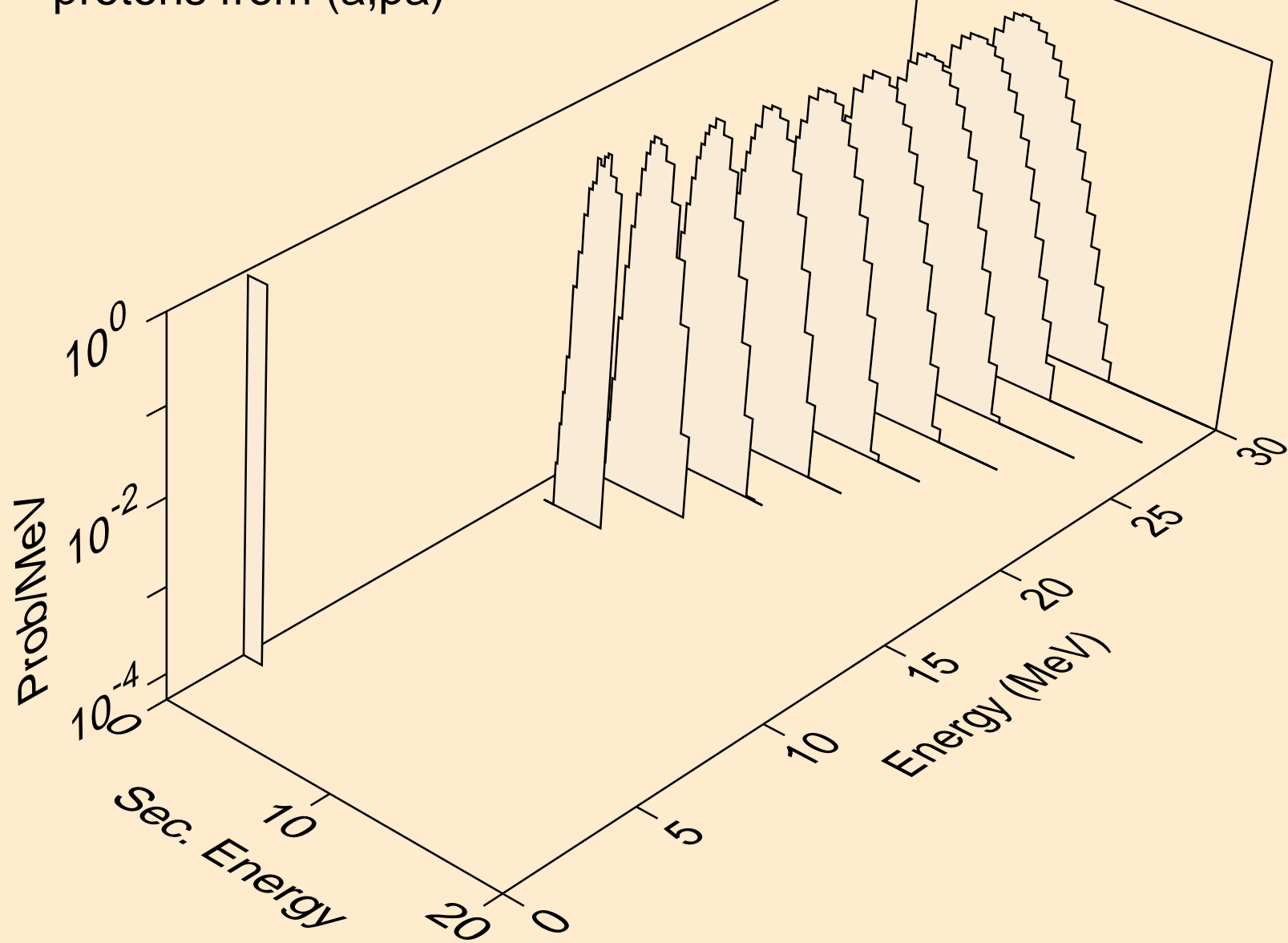
PT177 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
protons from (a,p)



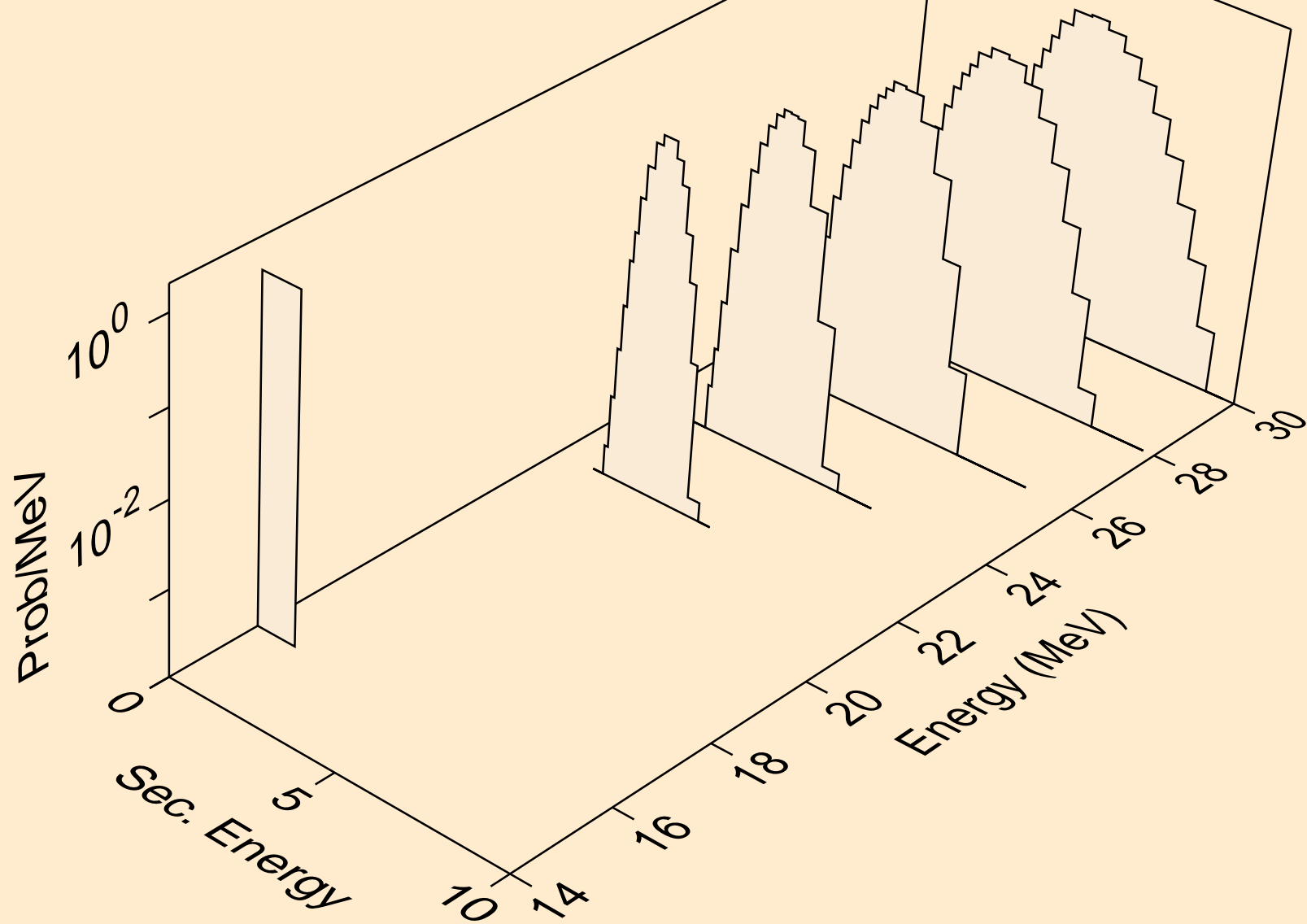
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protons from (a,2p)



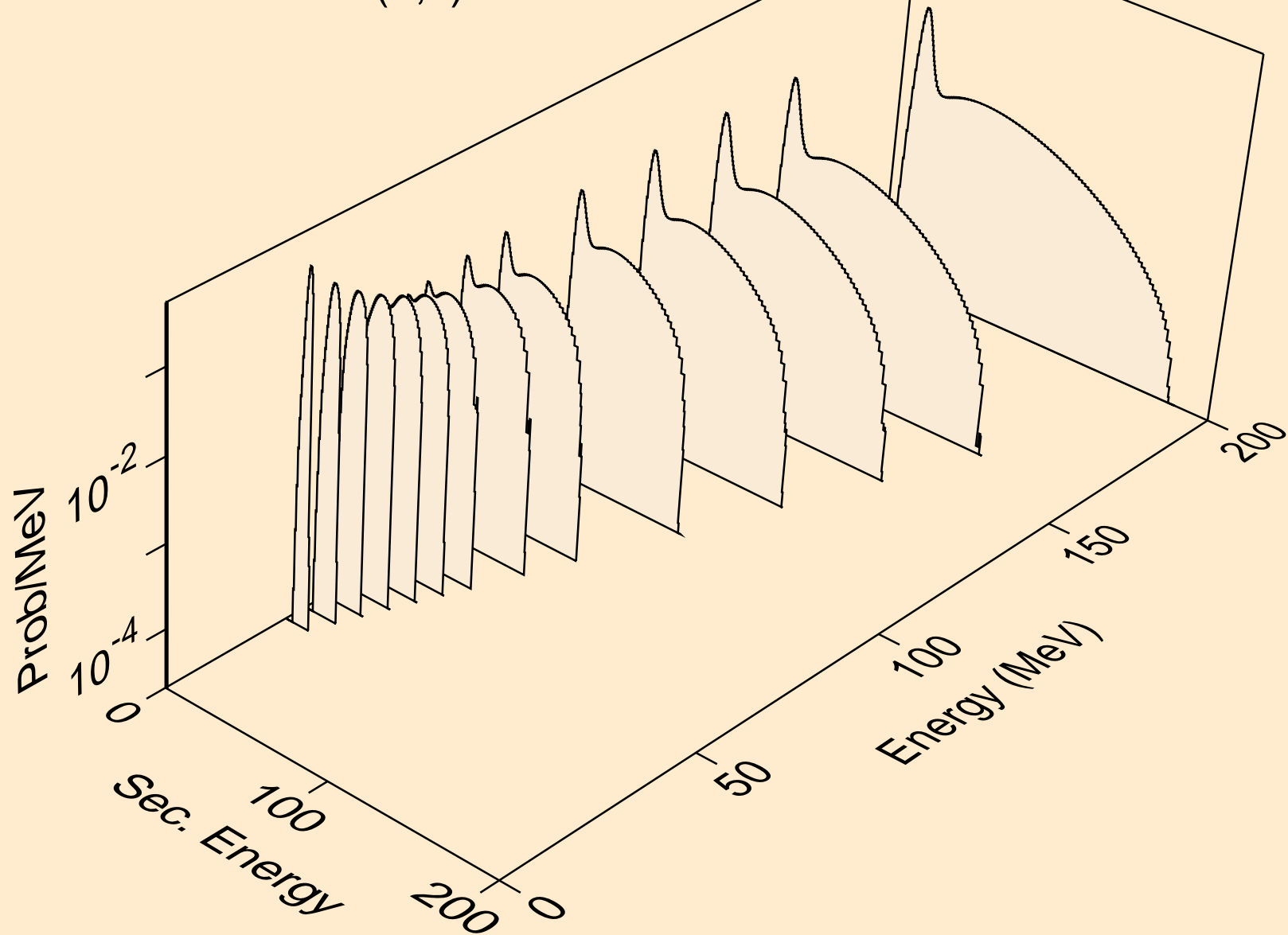
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protons from (a,pa)



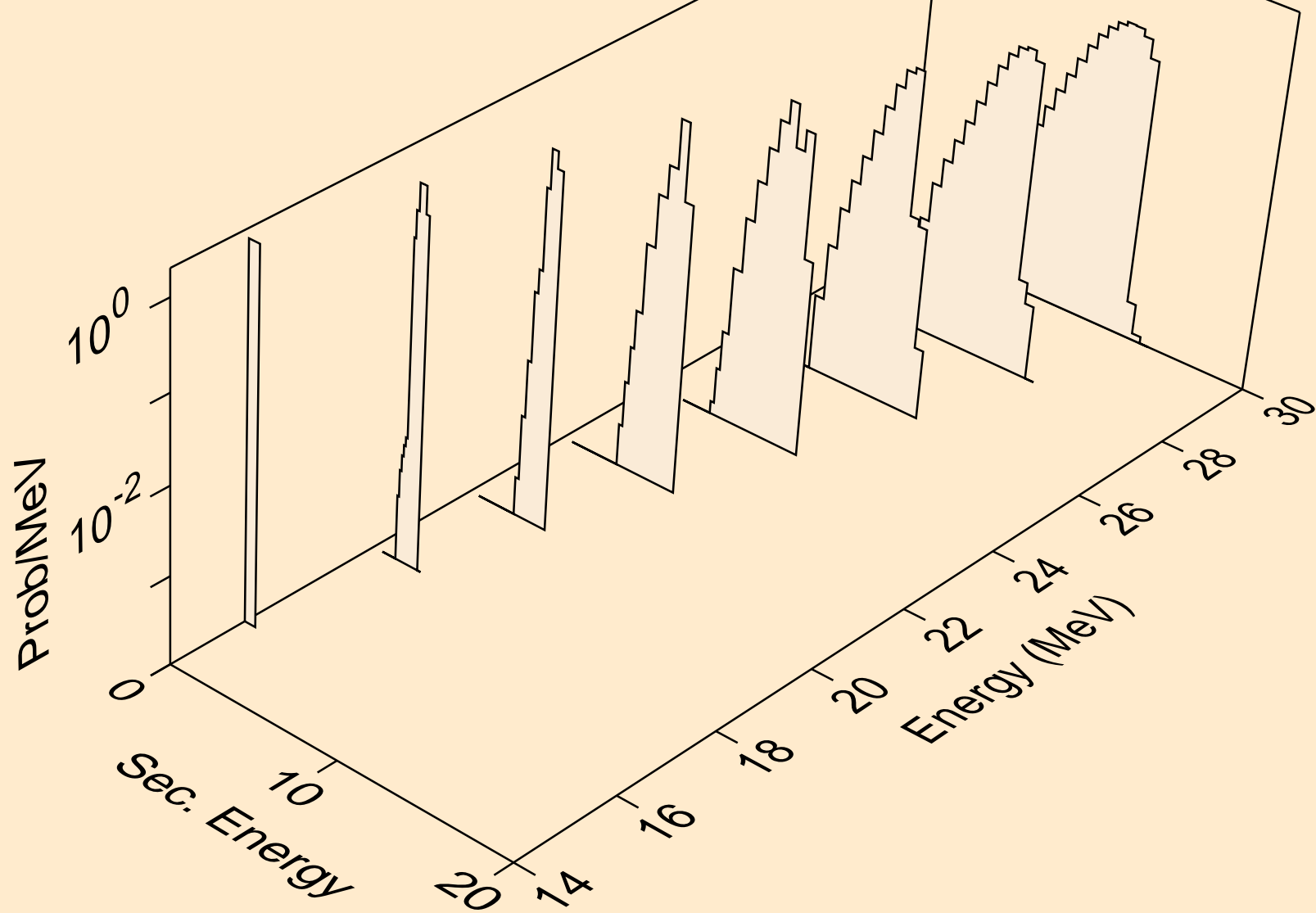
PT177 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
protons from (a,pd)



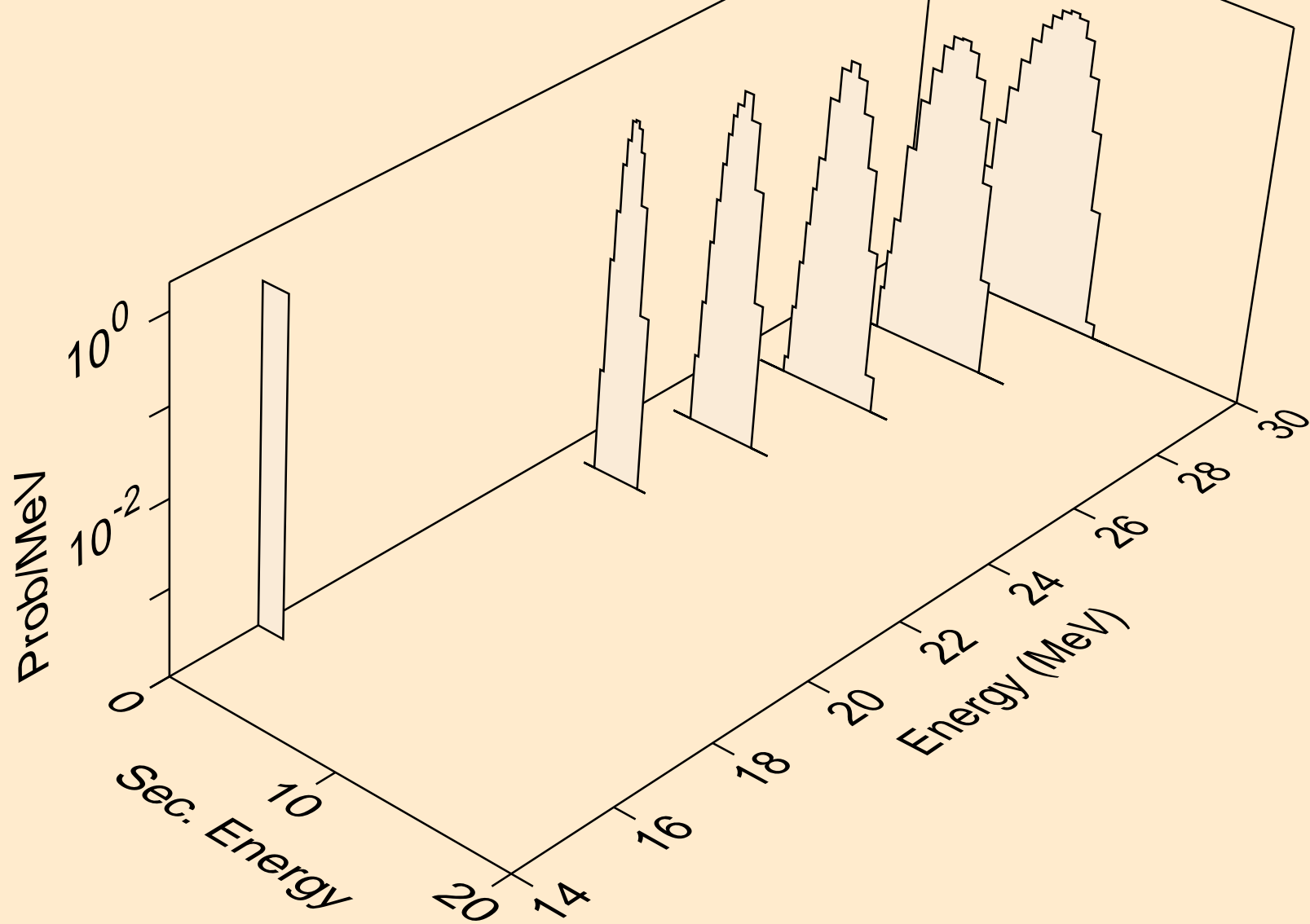
PT177 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (a,x)



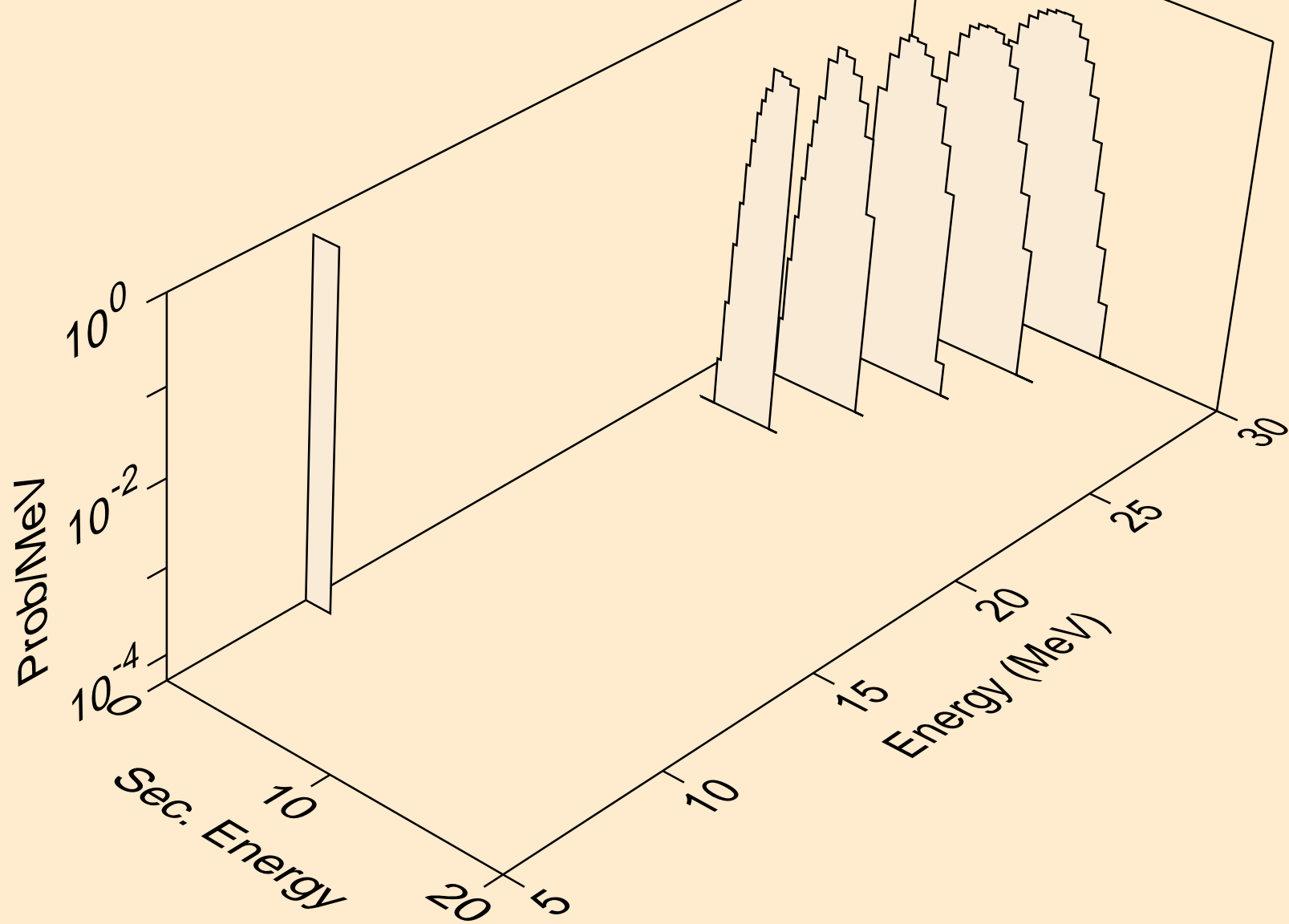
PT177 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (a,d)



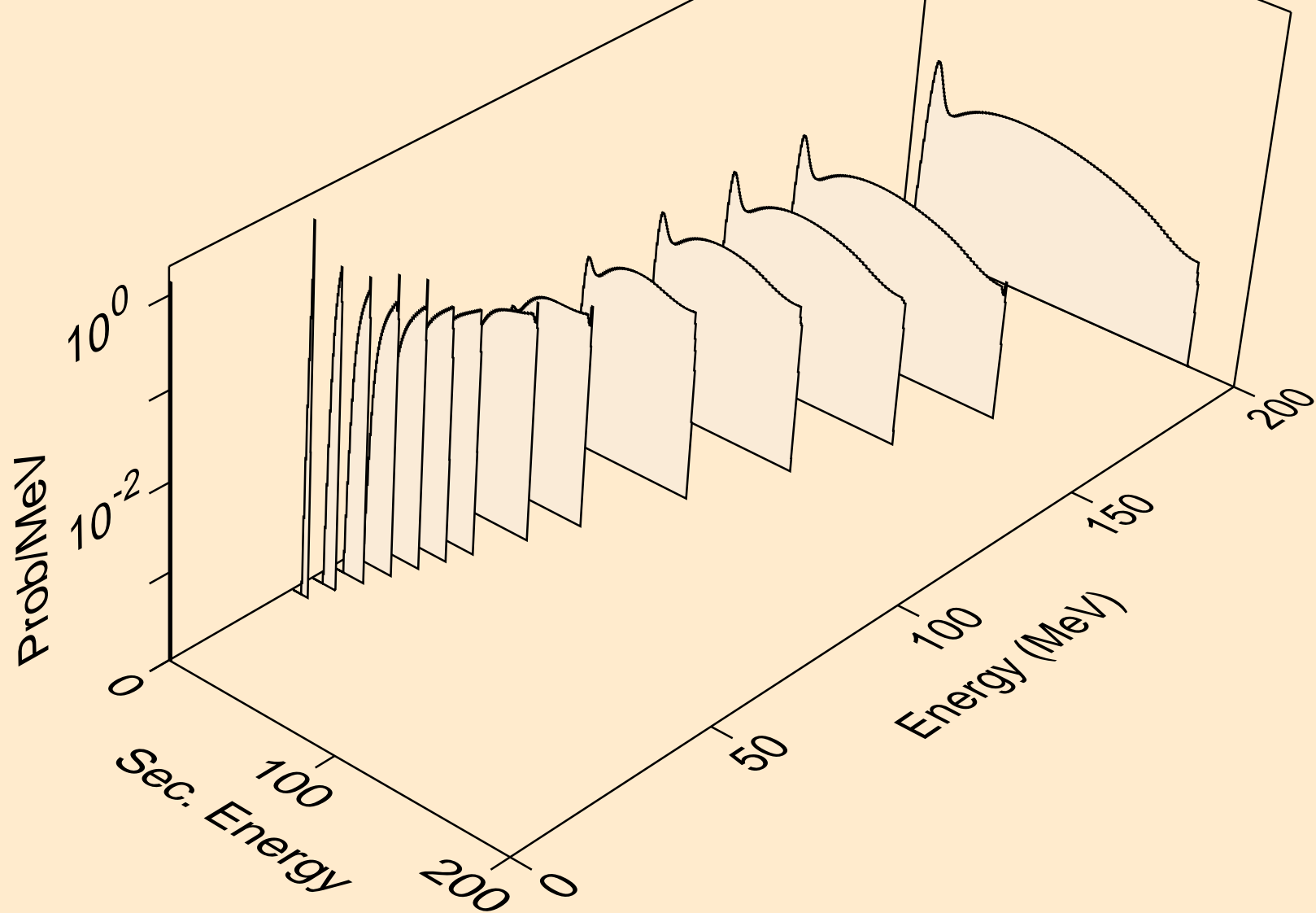
PT177 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (a,pd)



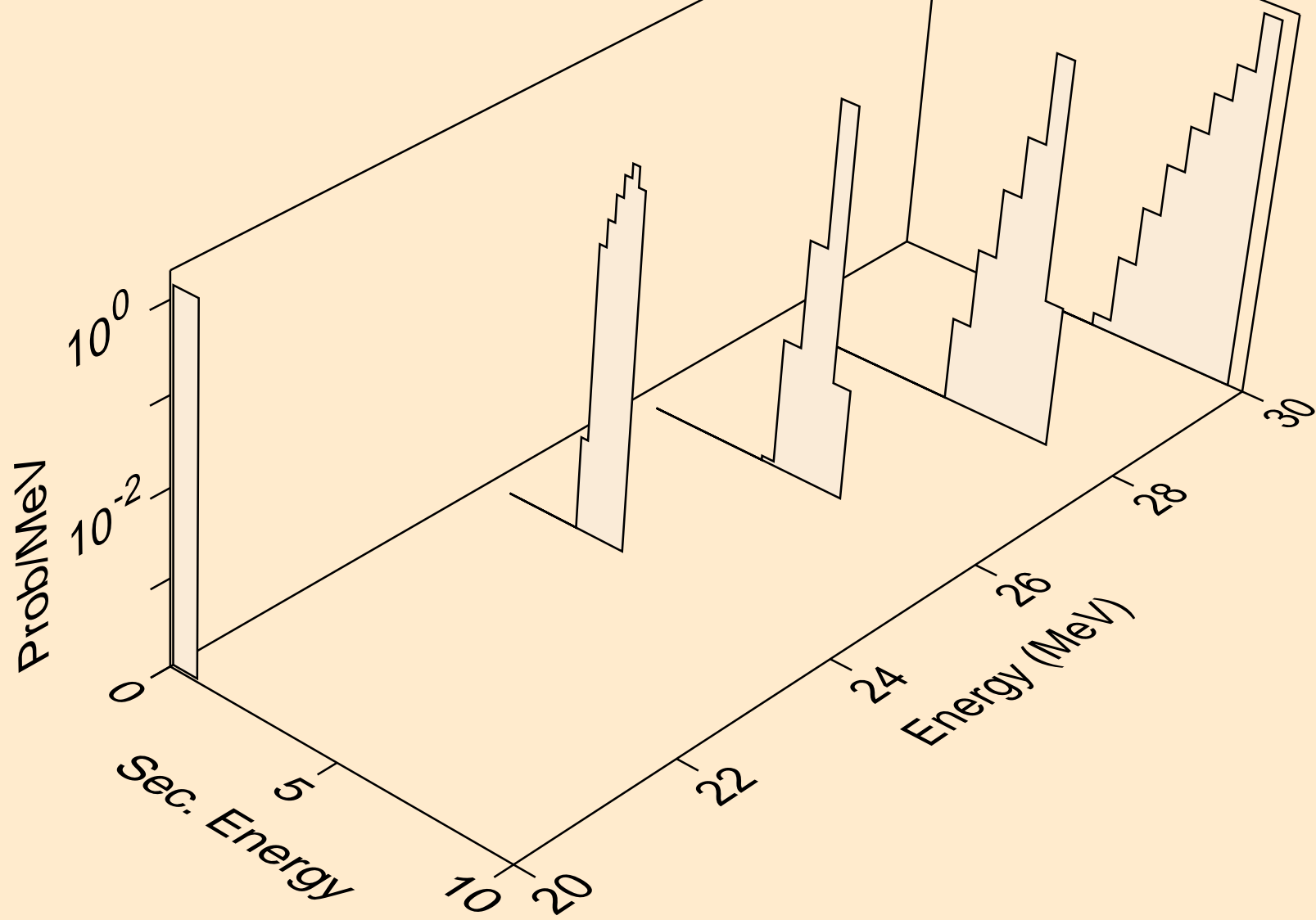
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deuterons from (a,da)



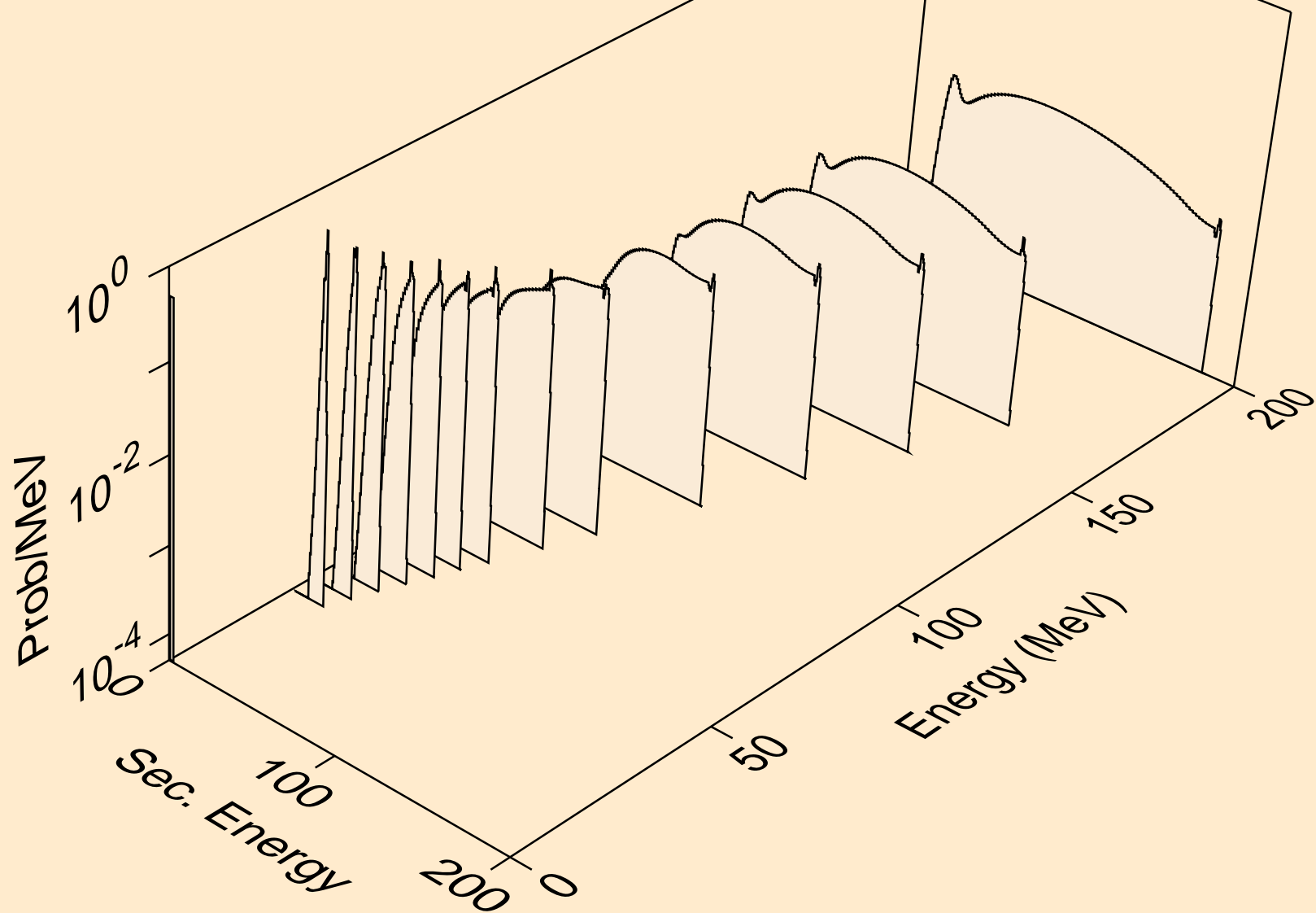
PT177 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
tritons from (a,x)



PT177 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
tritons from (a,t)



PT177 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
he3s from (a,x)



PT177 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
he3s from (a,he3)

