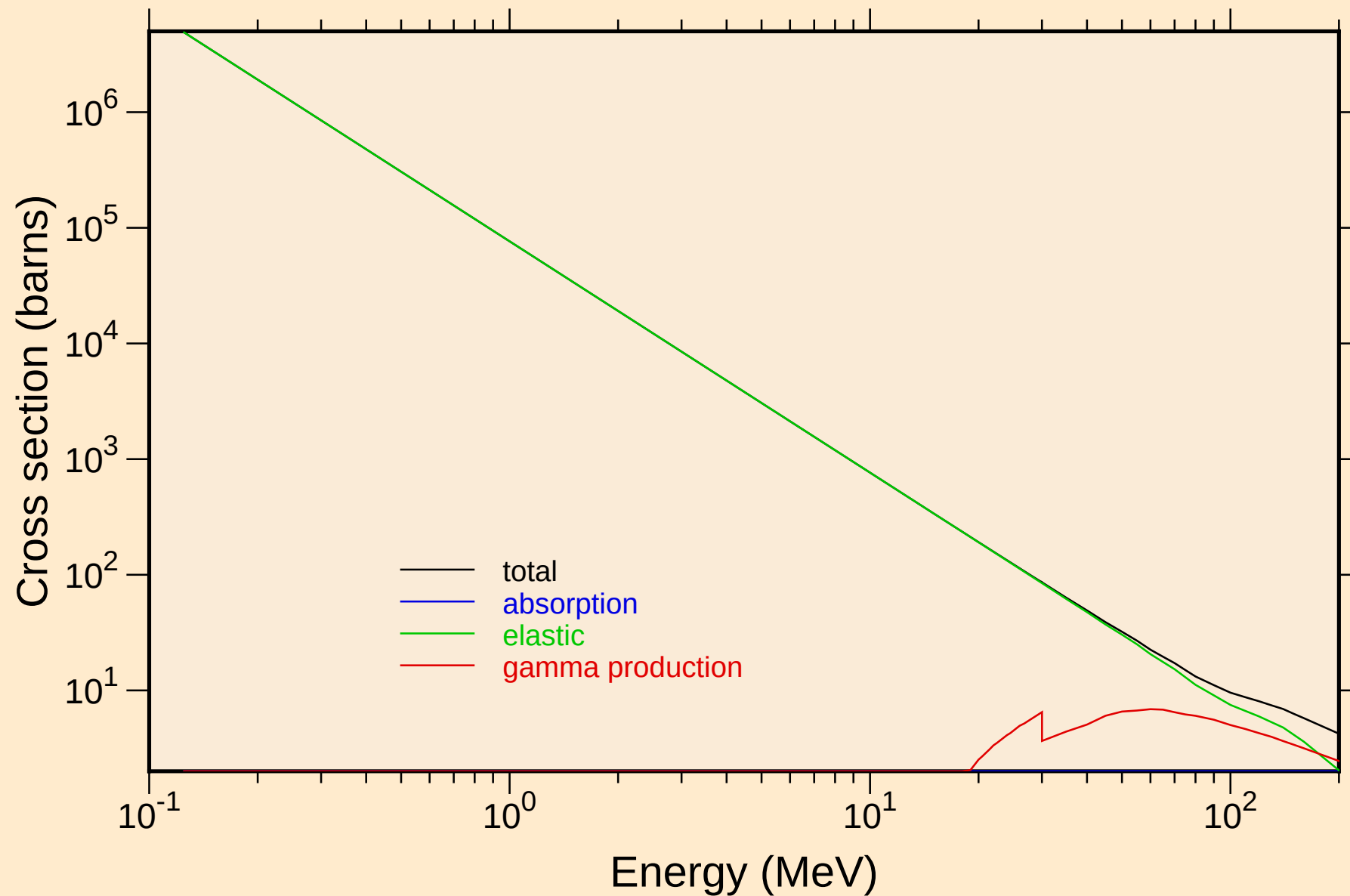


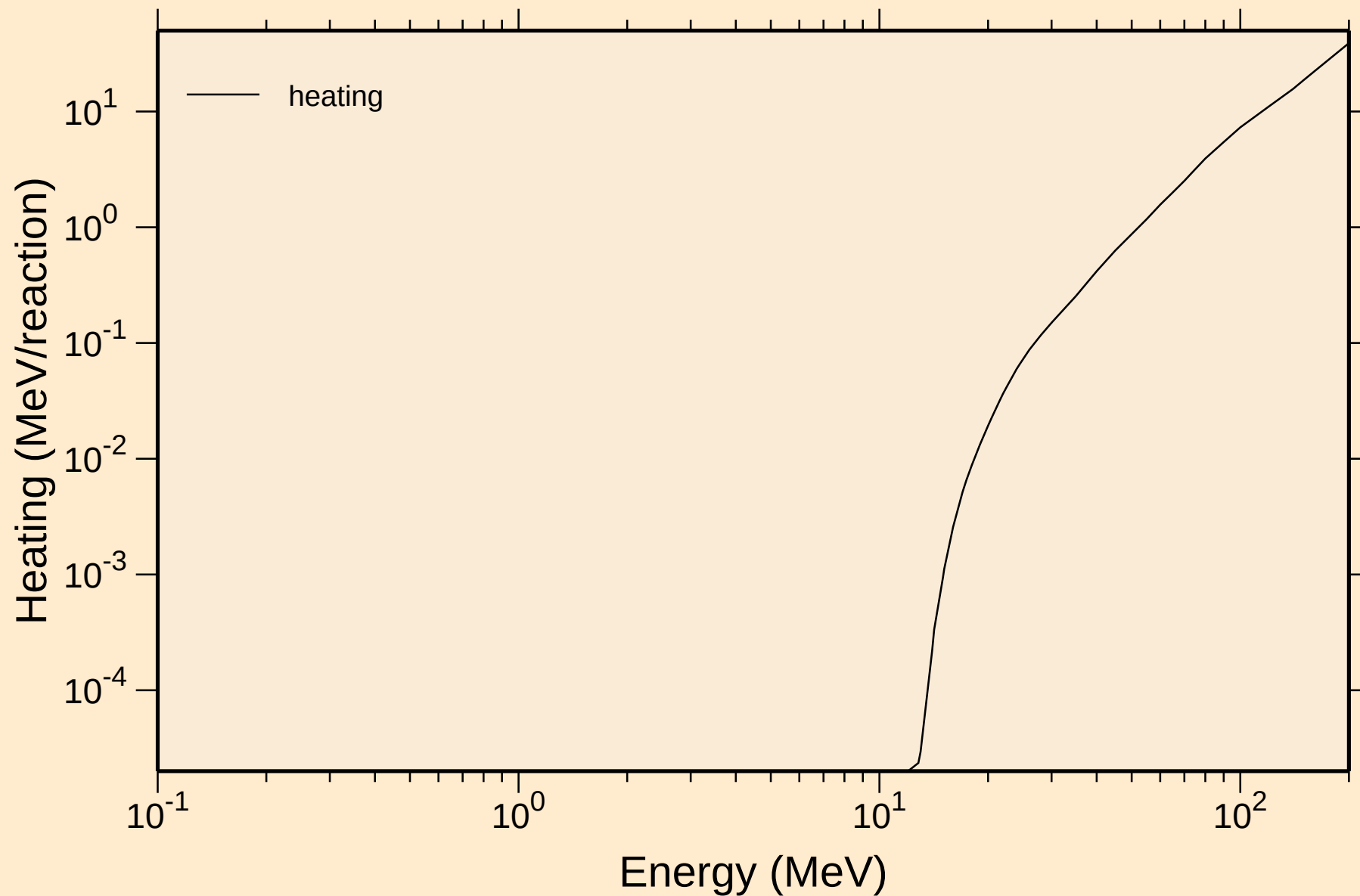
XE119 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections



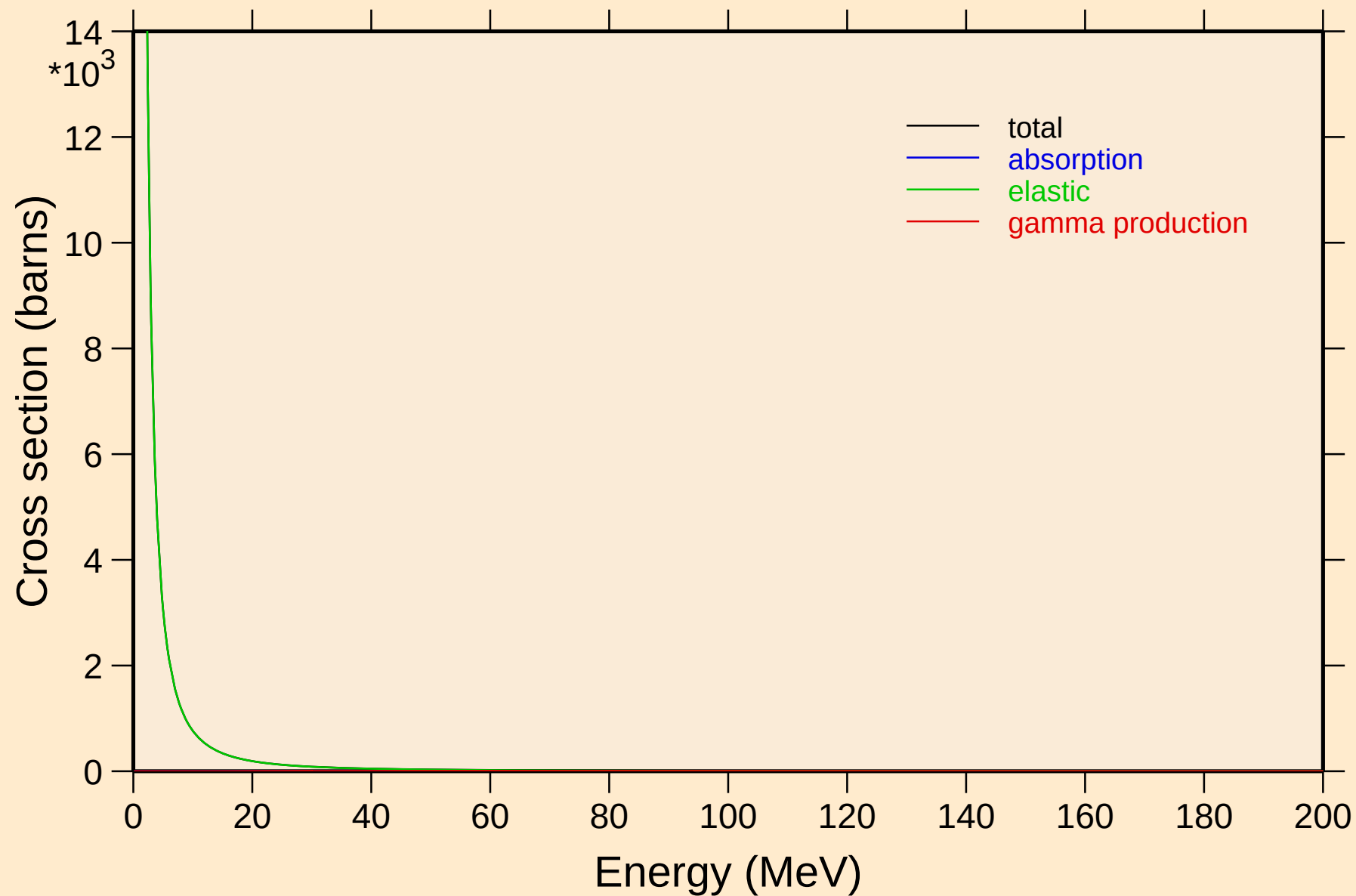
XE119 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Heating



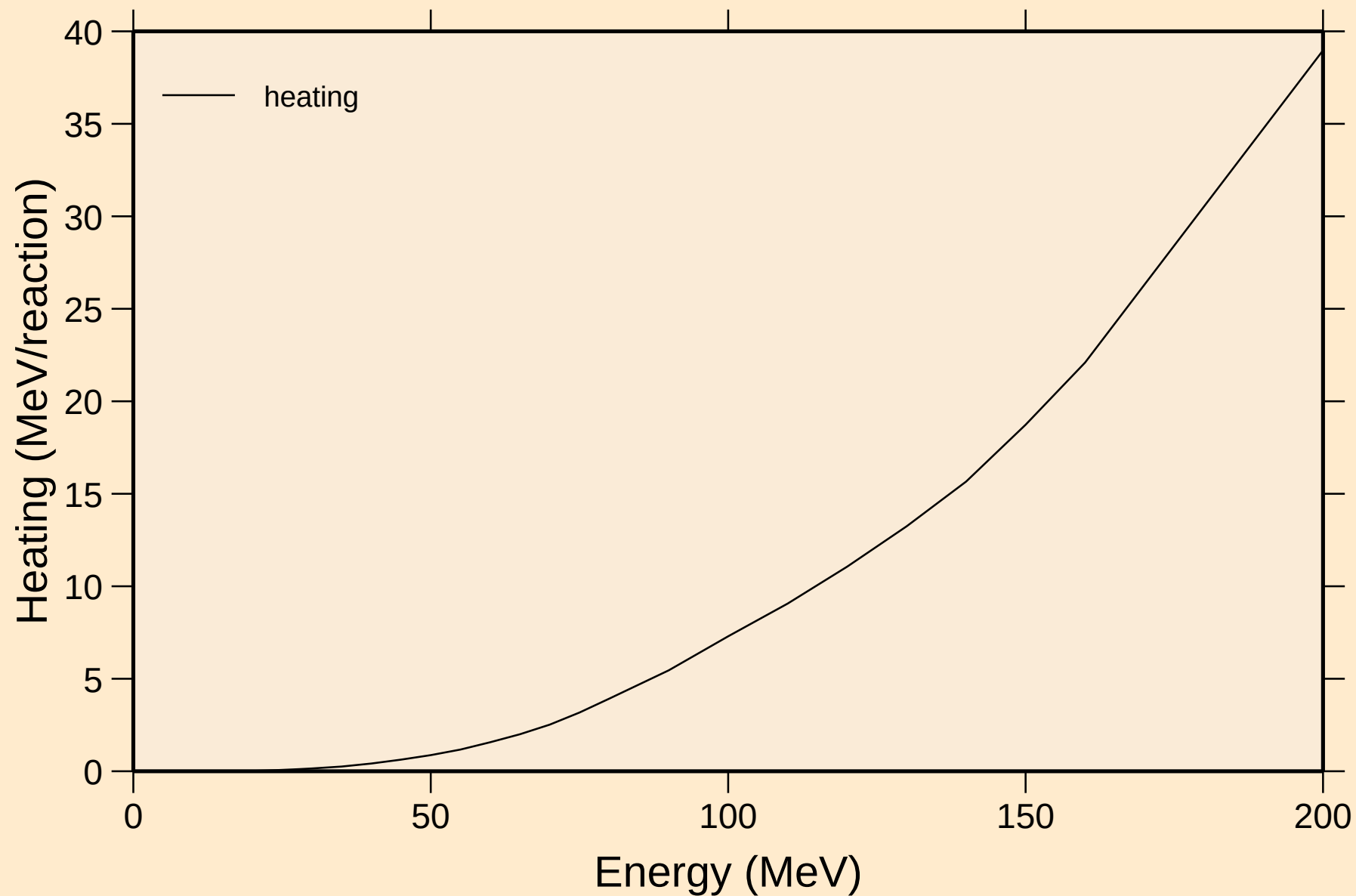
XE119 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections



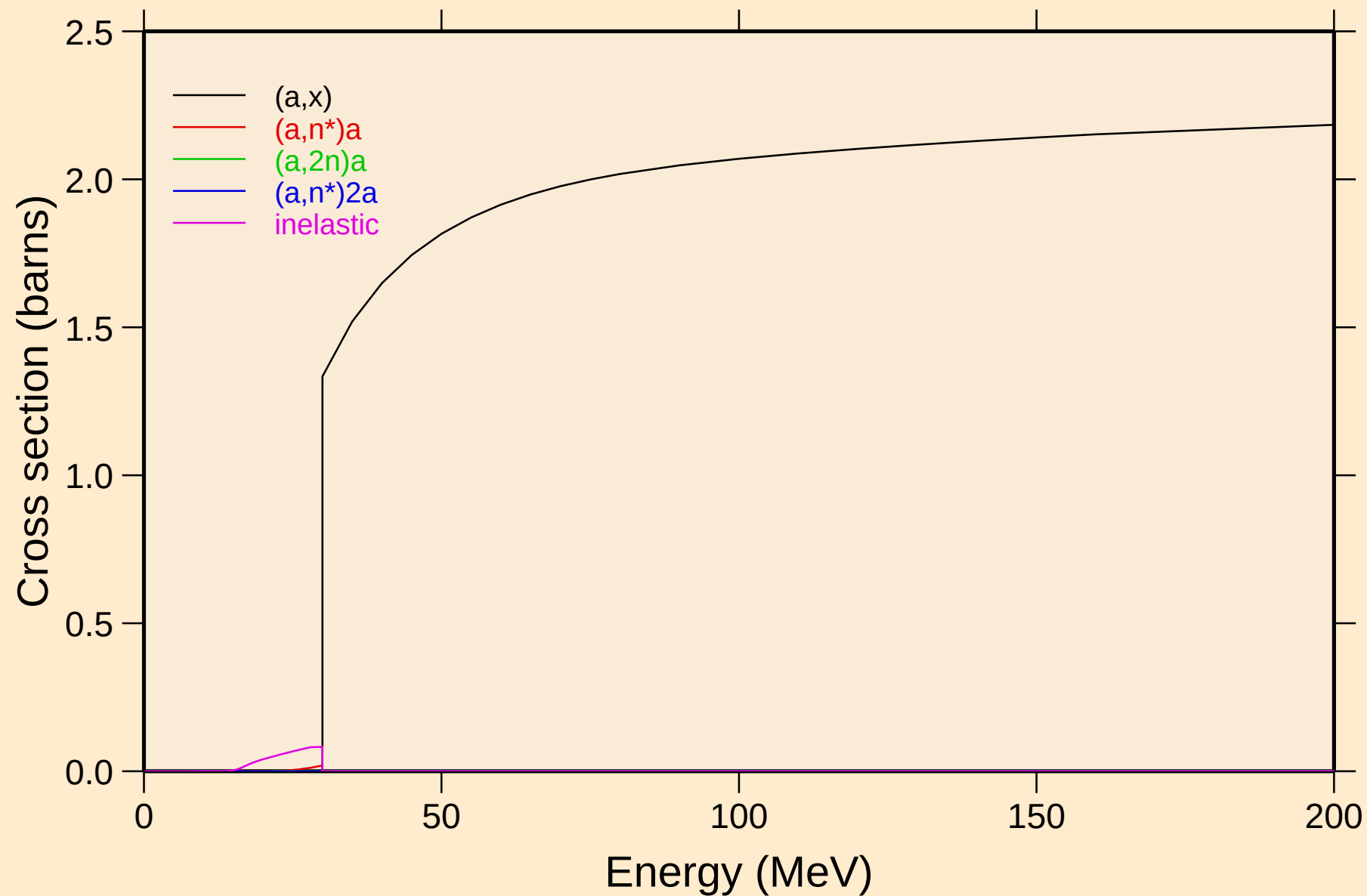
XE119 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Heating



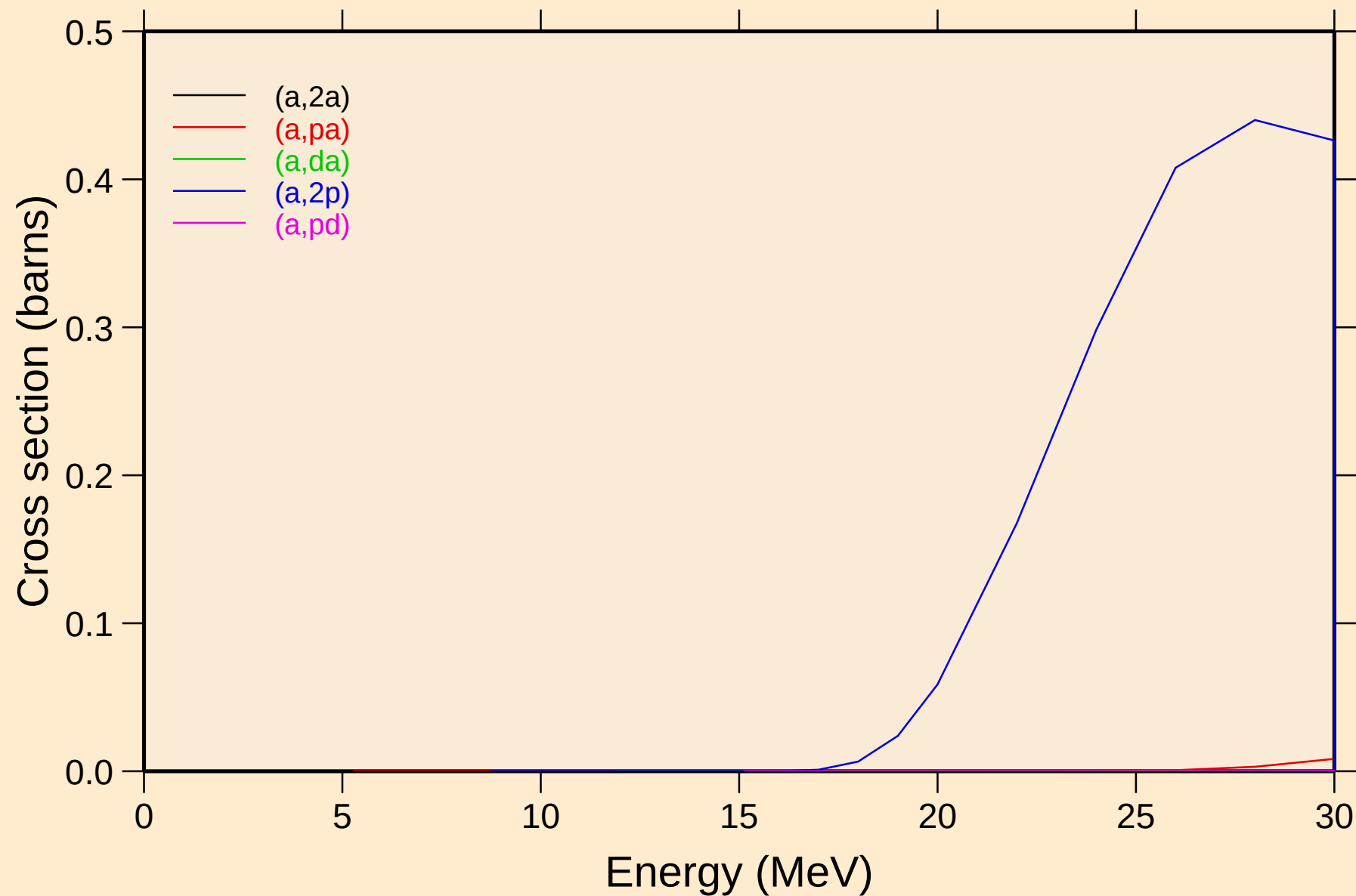
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Threshold reactions



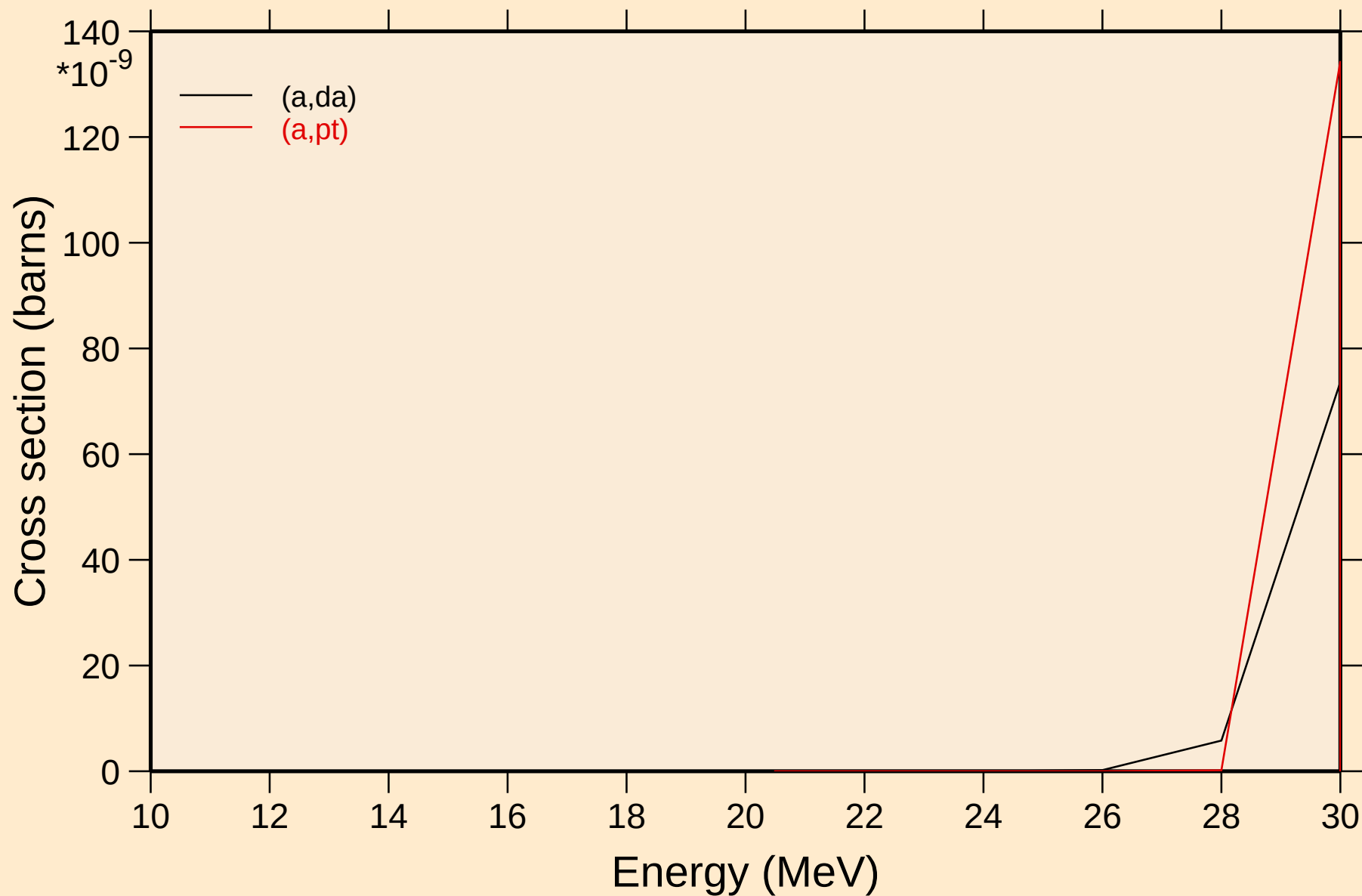
XE119 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions



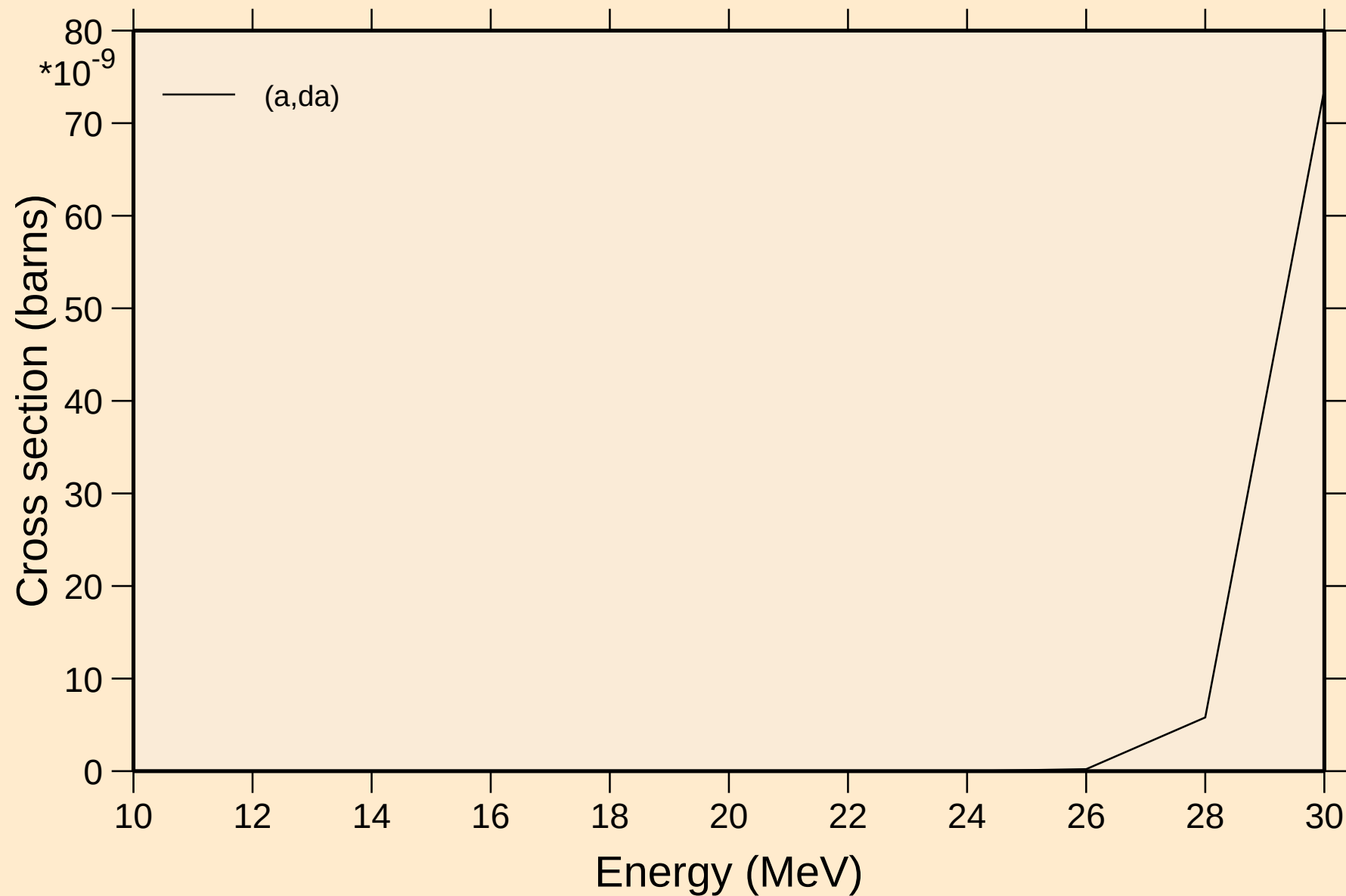
XE119 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions

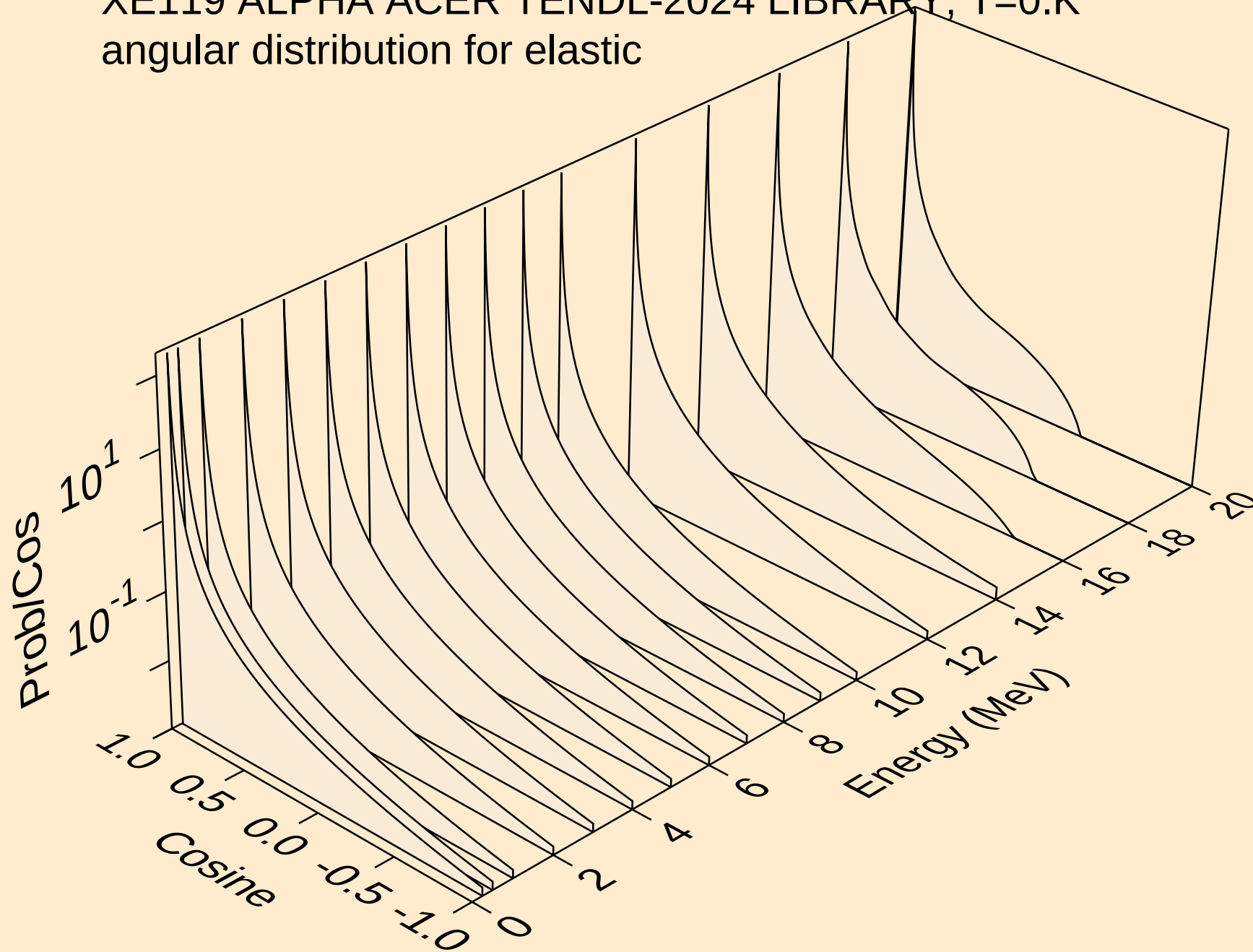


XE119 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

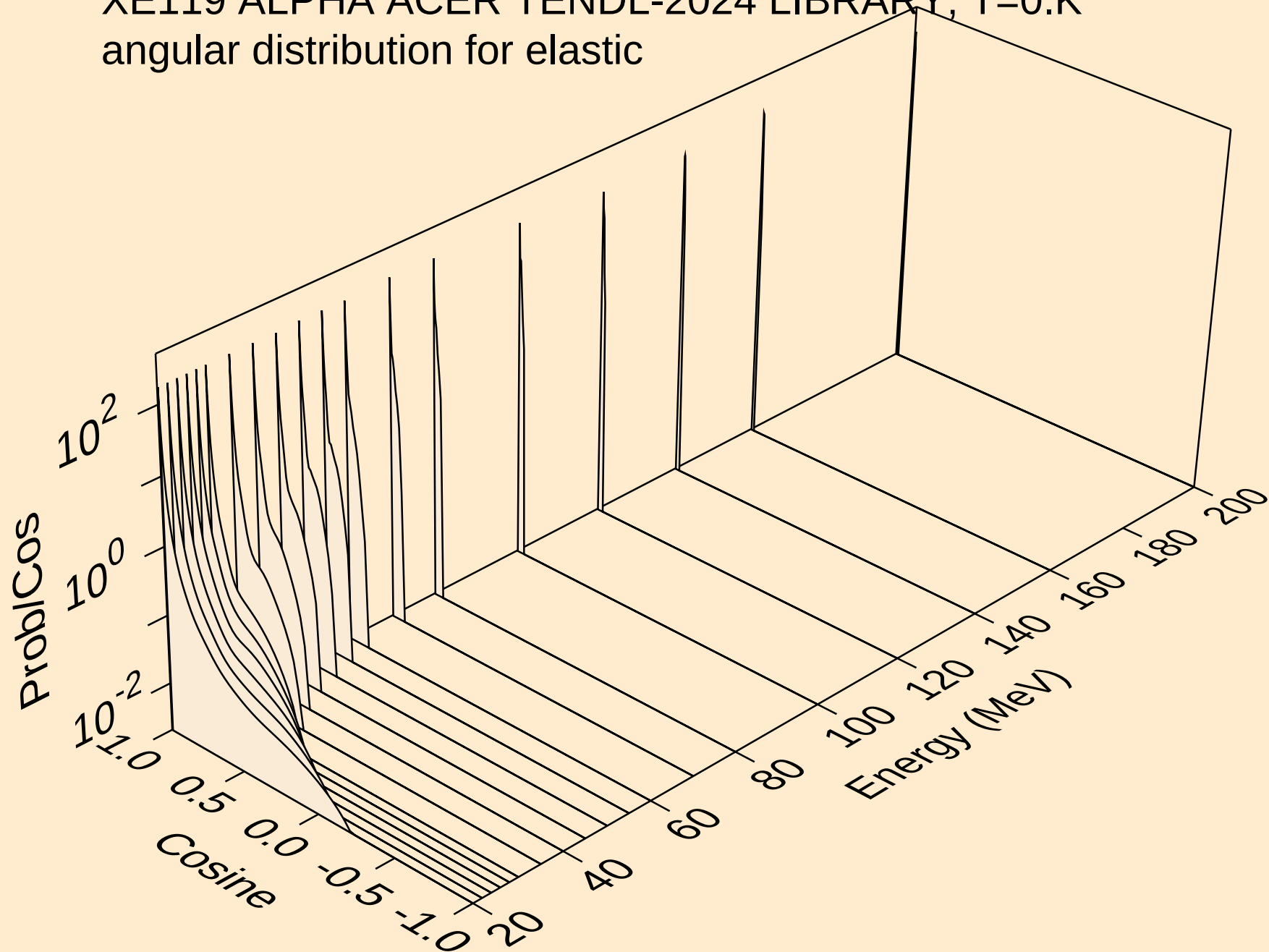
Threshold reactions



XE119 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic

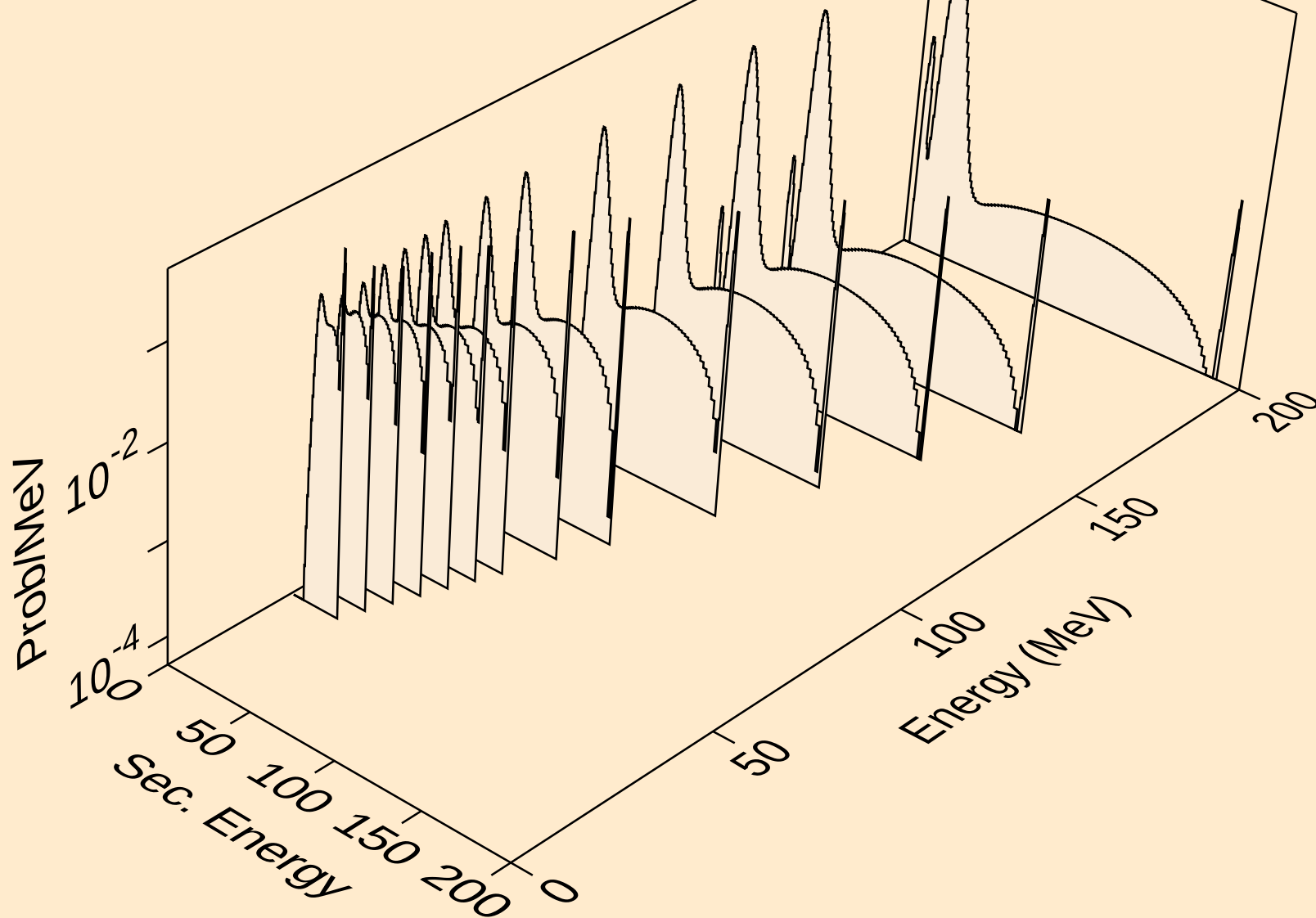


XE119 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic



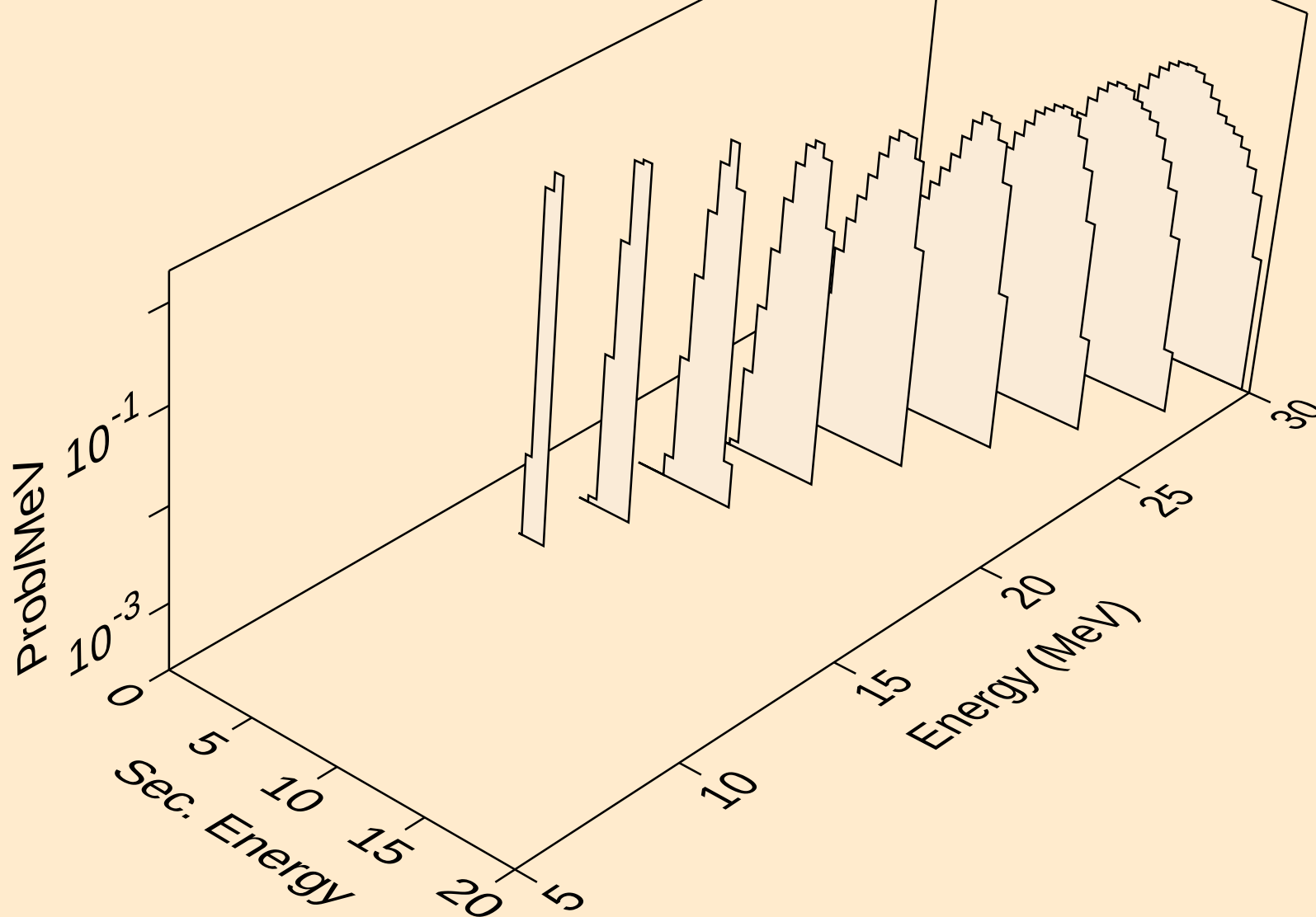
XE119 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,x)



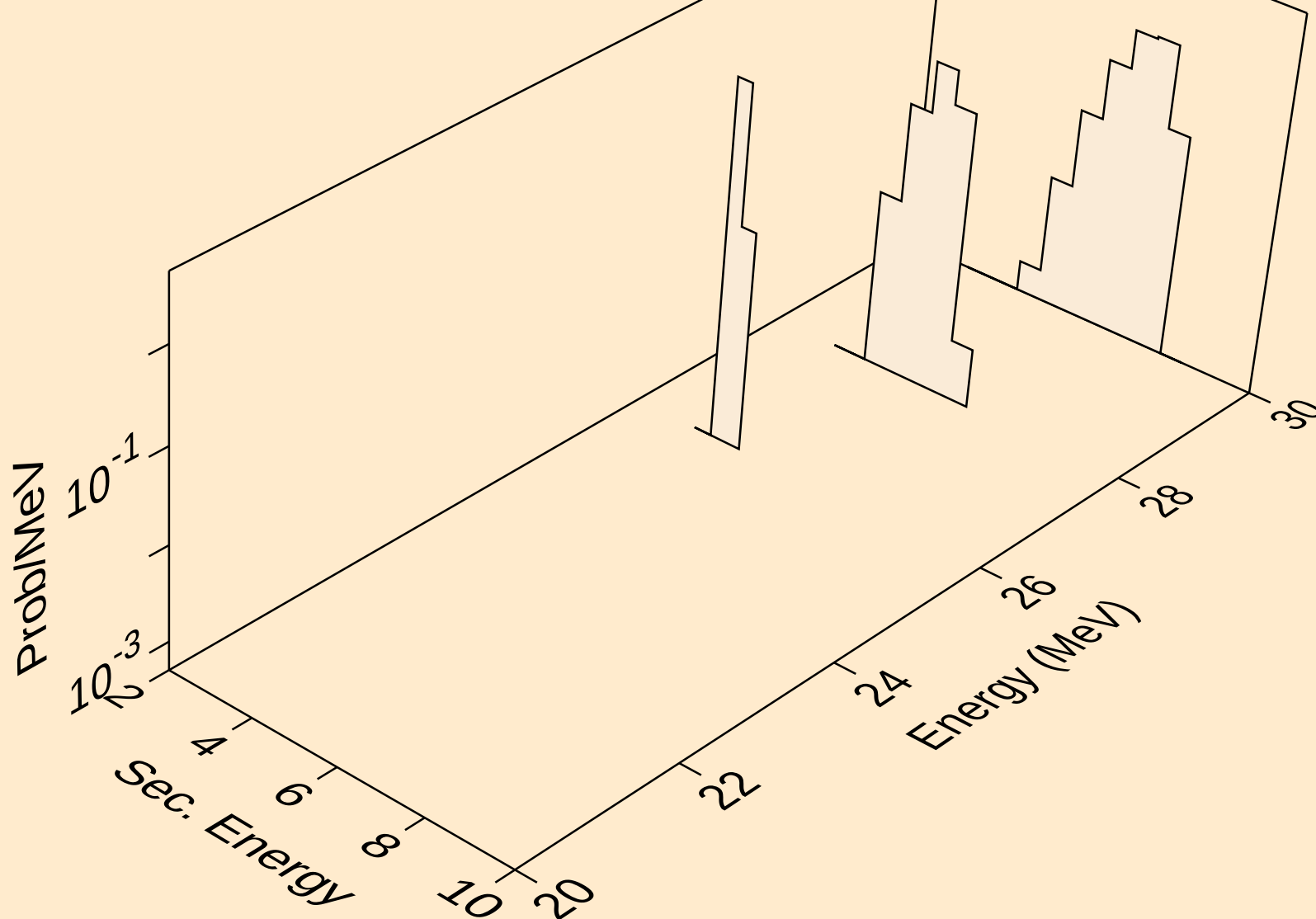
XE119 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,n*)a



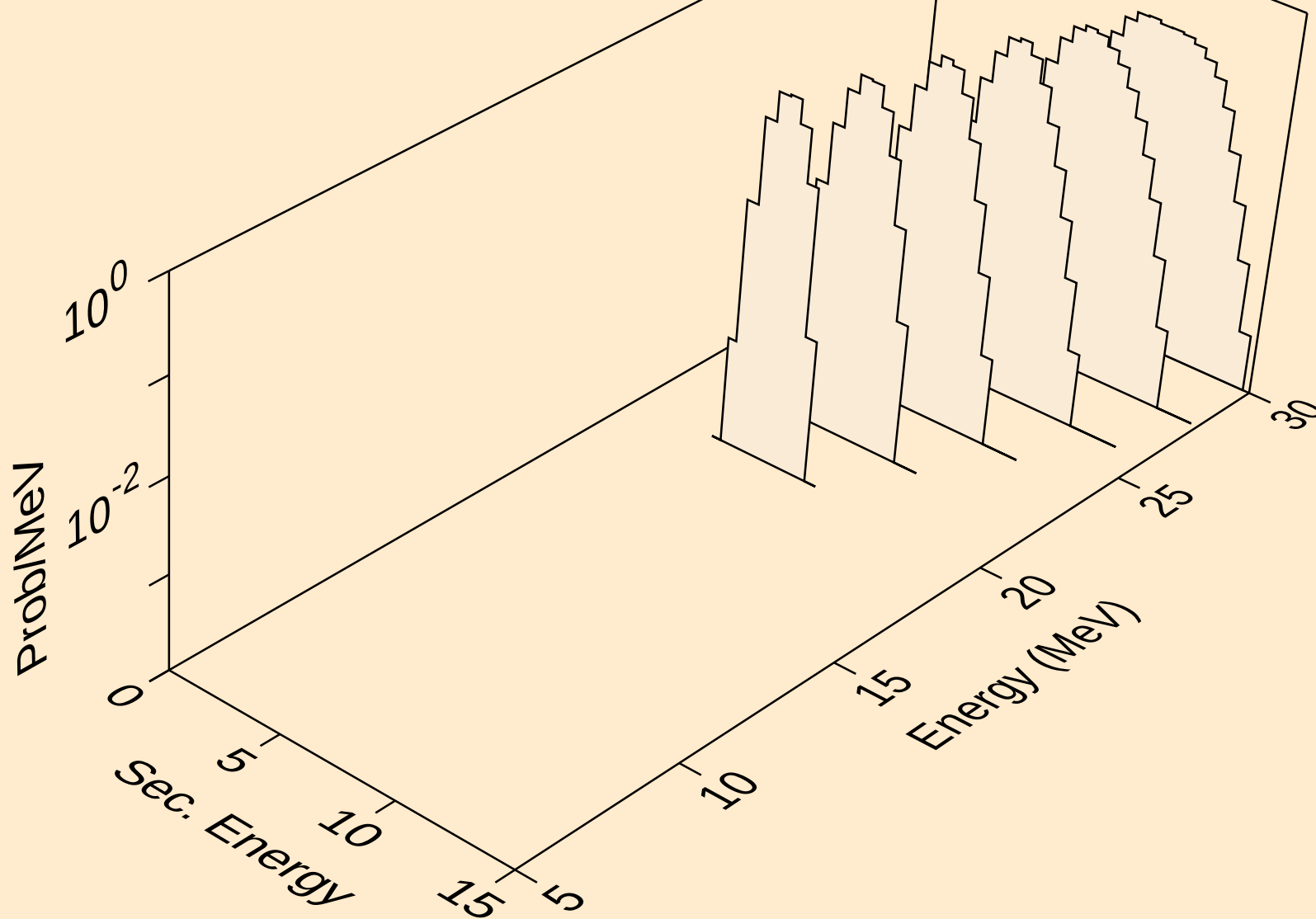
XE119 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,2n)a



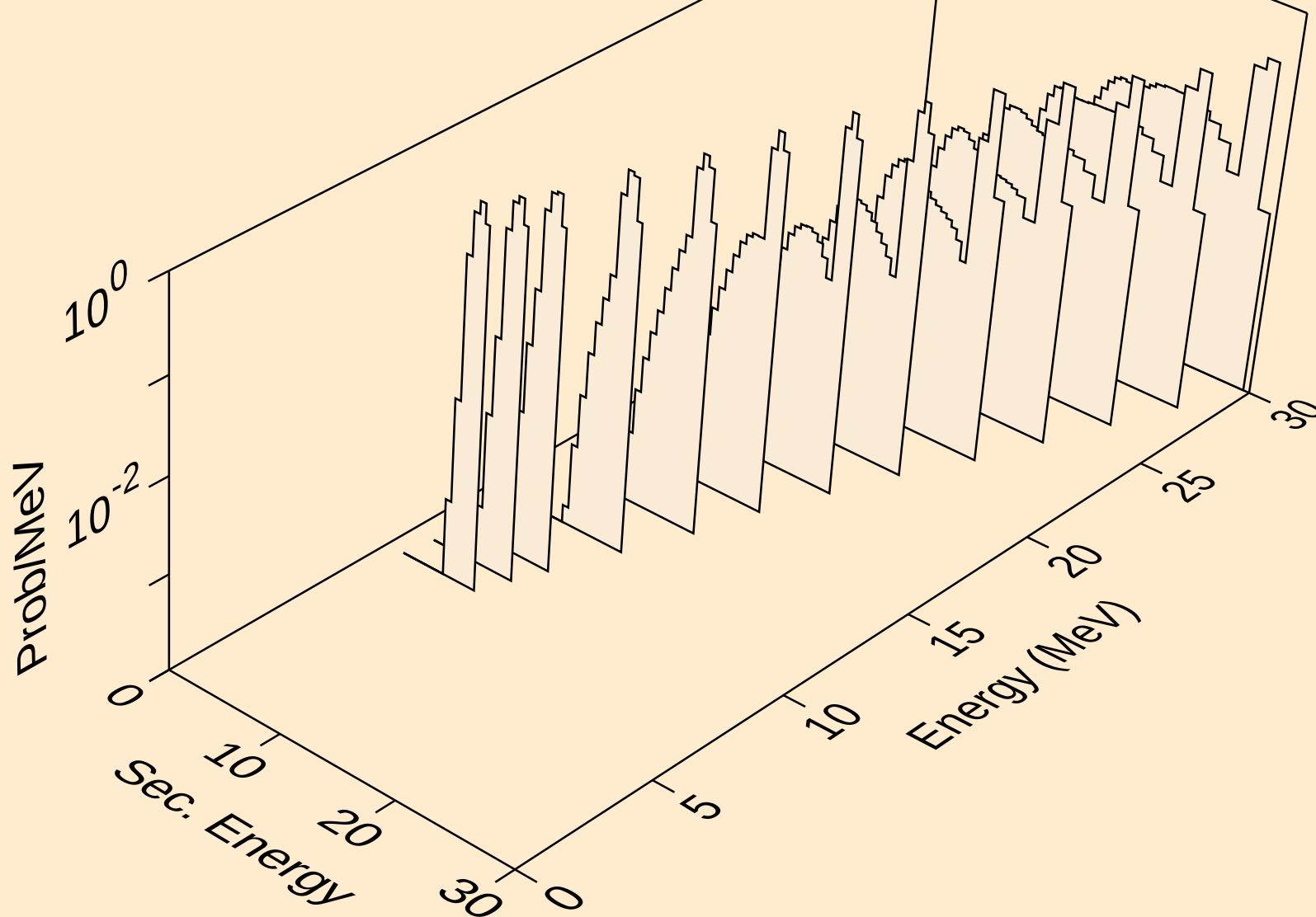
XE119 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,n*)2a



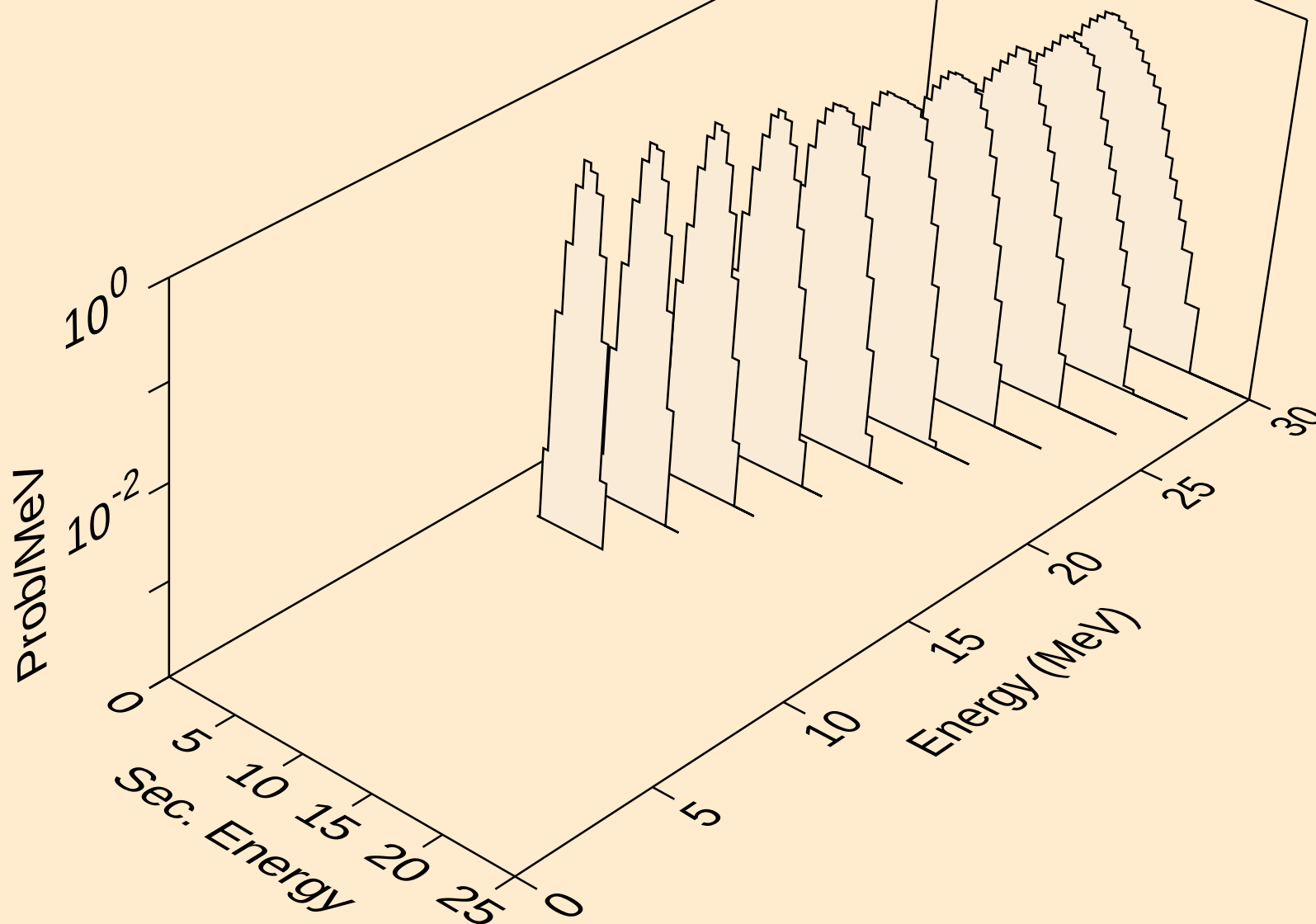
XE119 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for inelastic



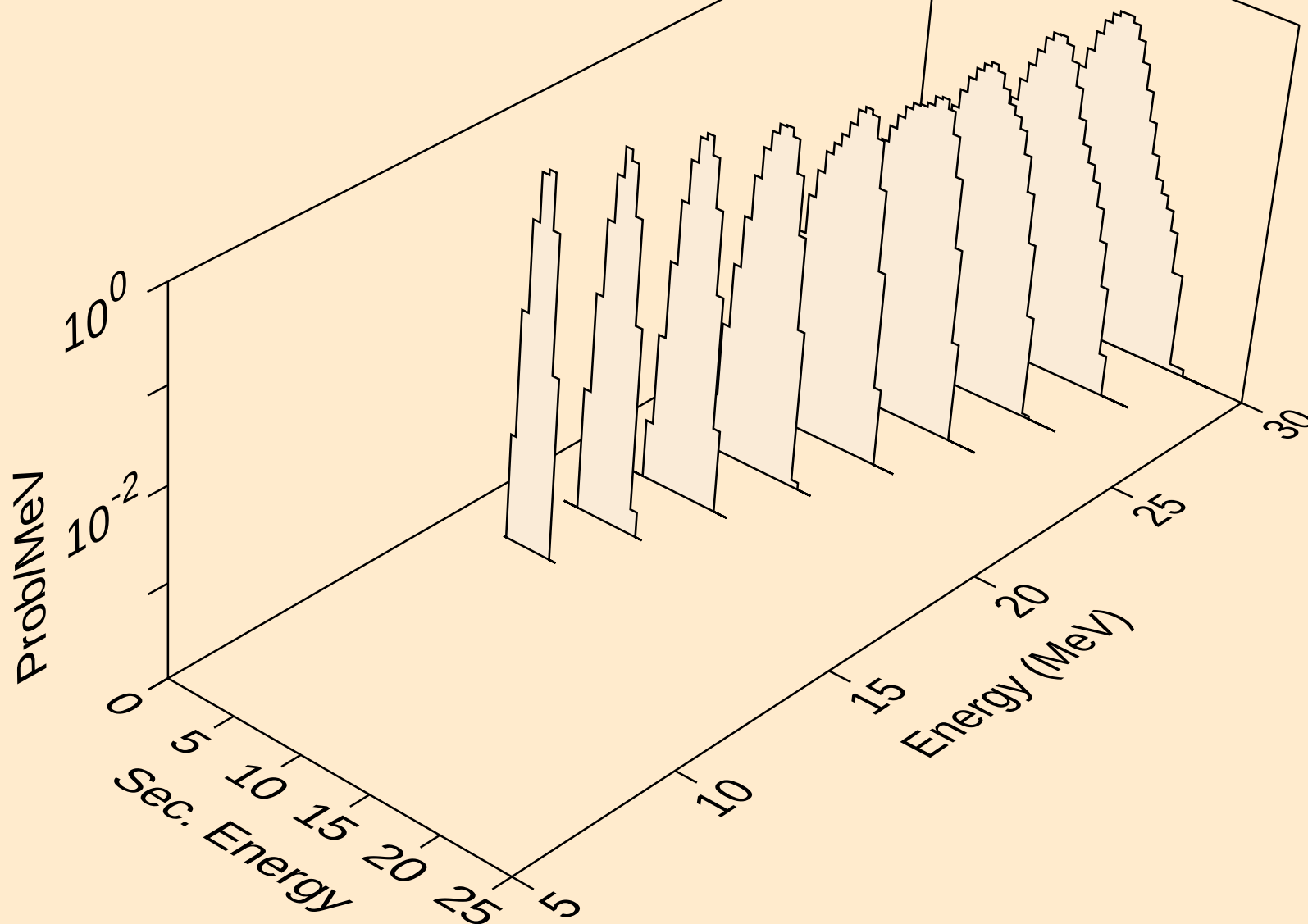
XE119 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,2a)



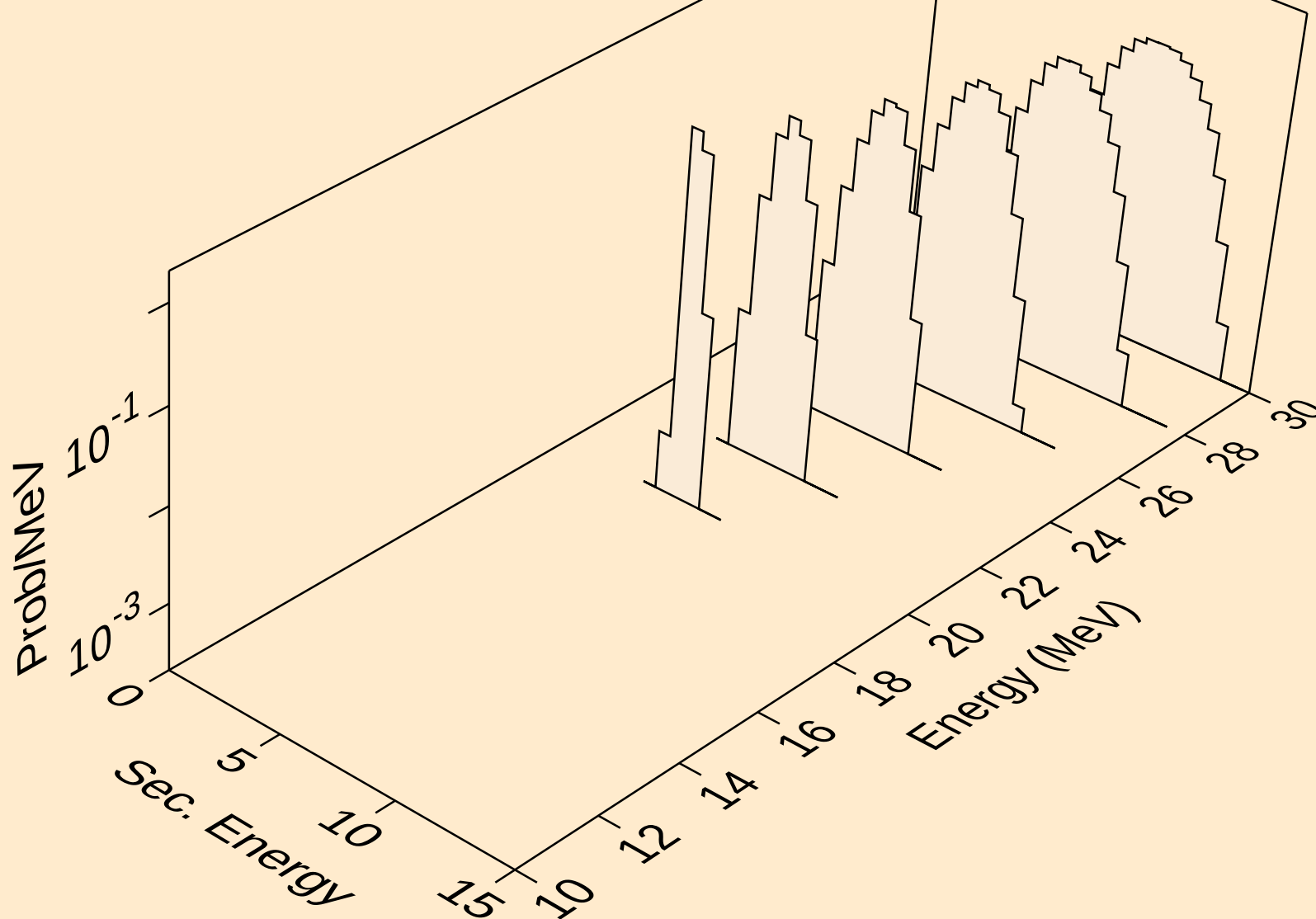
XE119 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,pa)

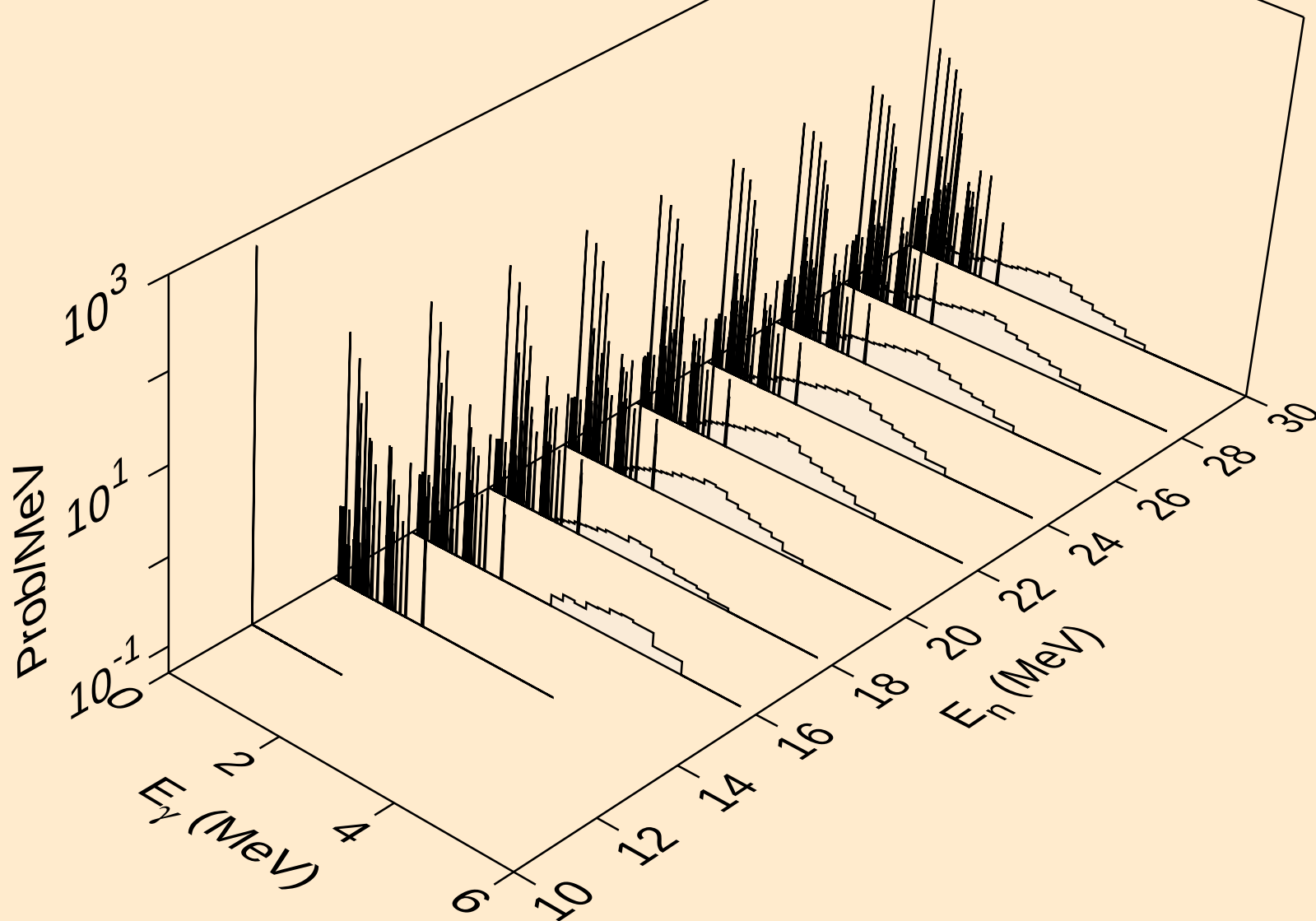


XE119 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,da)

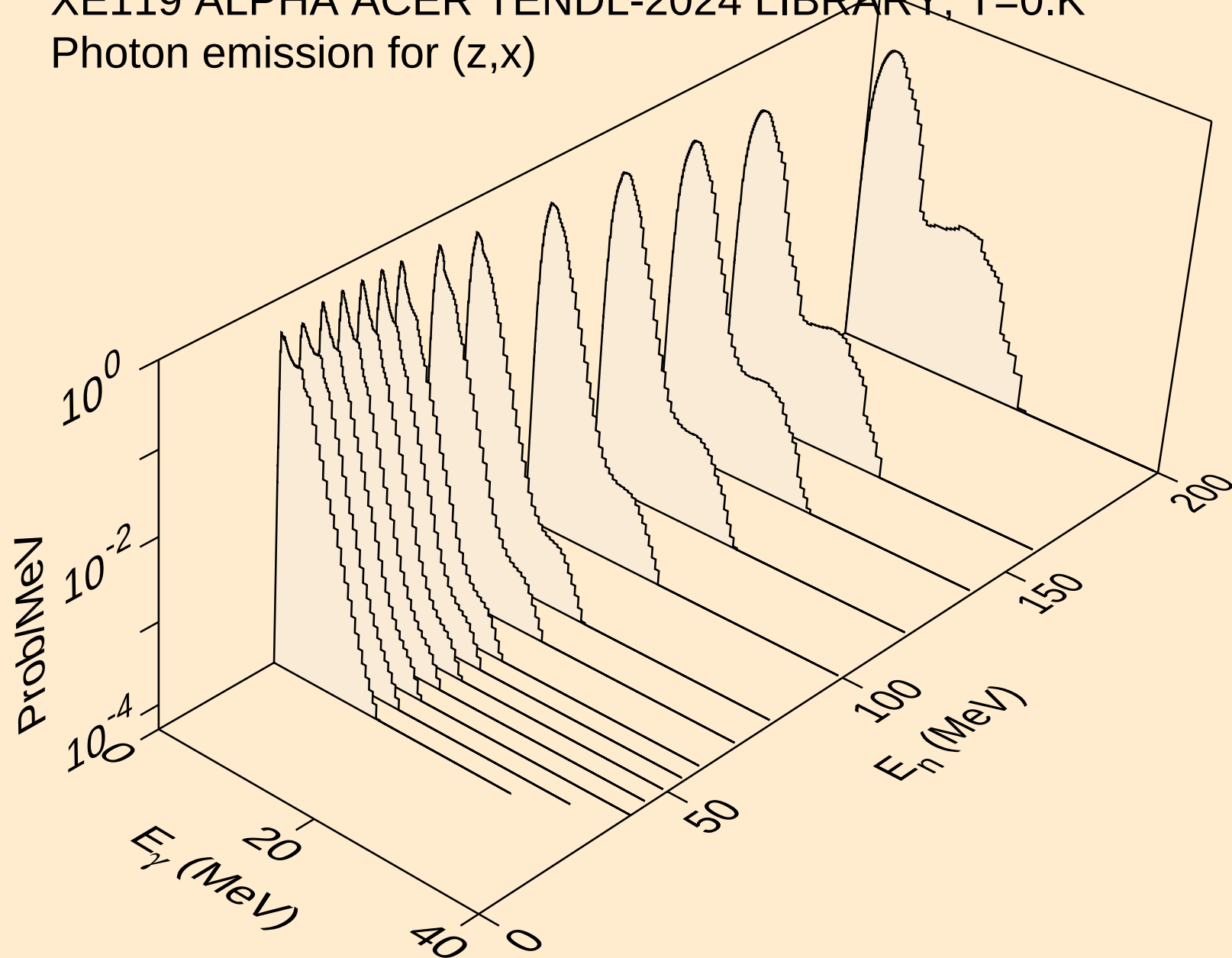


XE119 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (z,n)

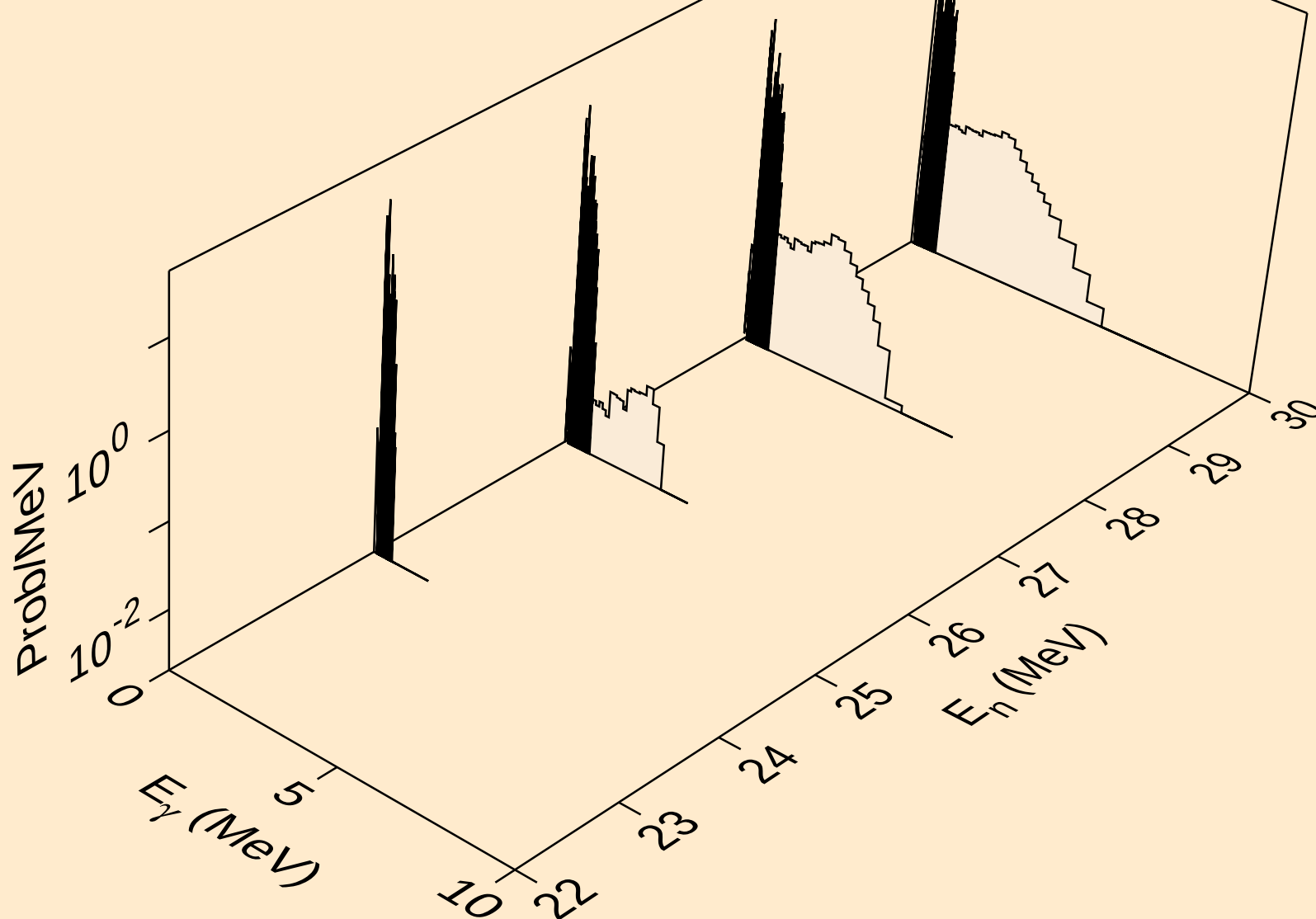


XE119 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (z,x)

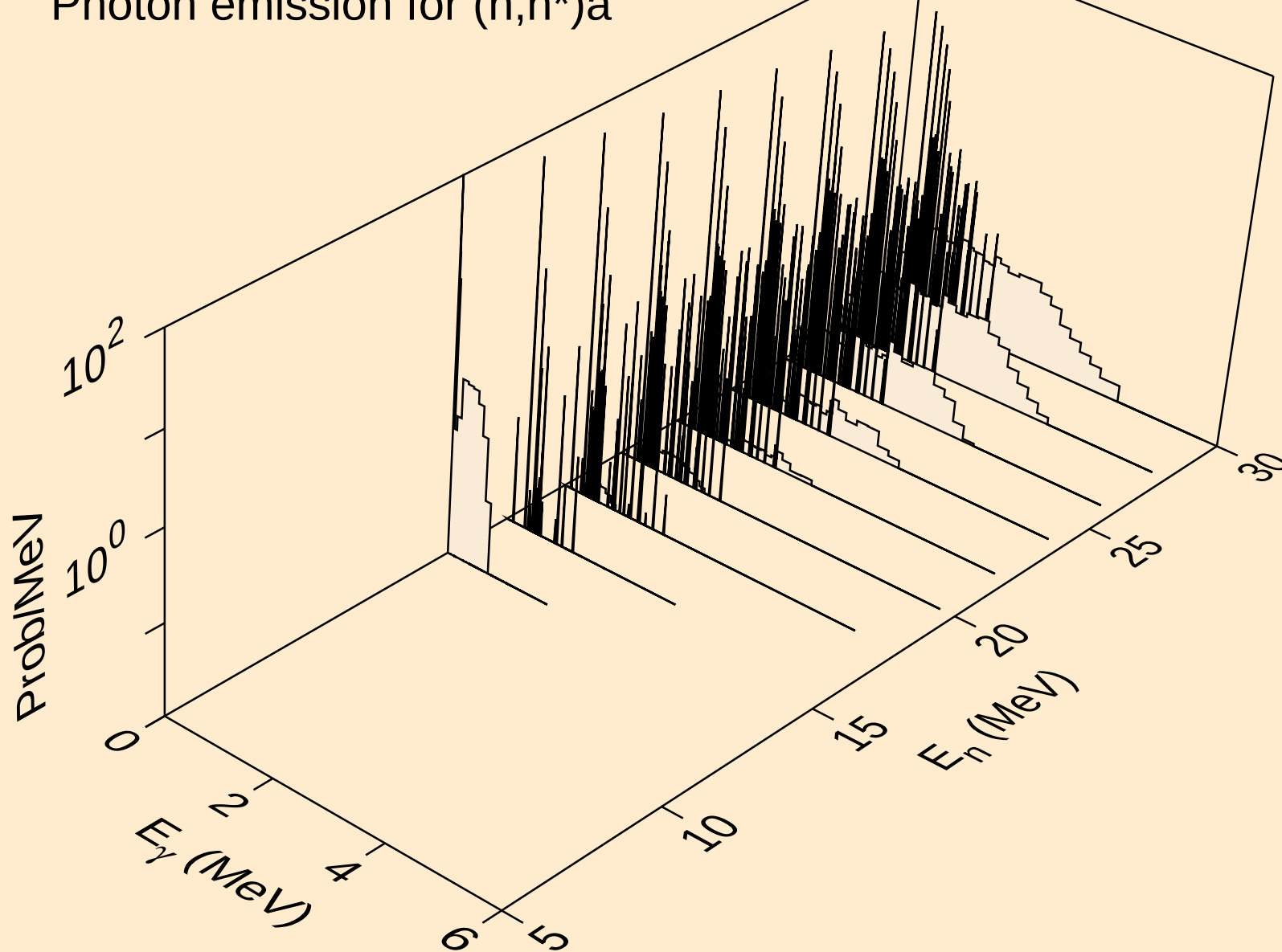


XE119 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n)



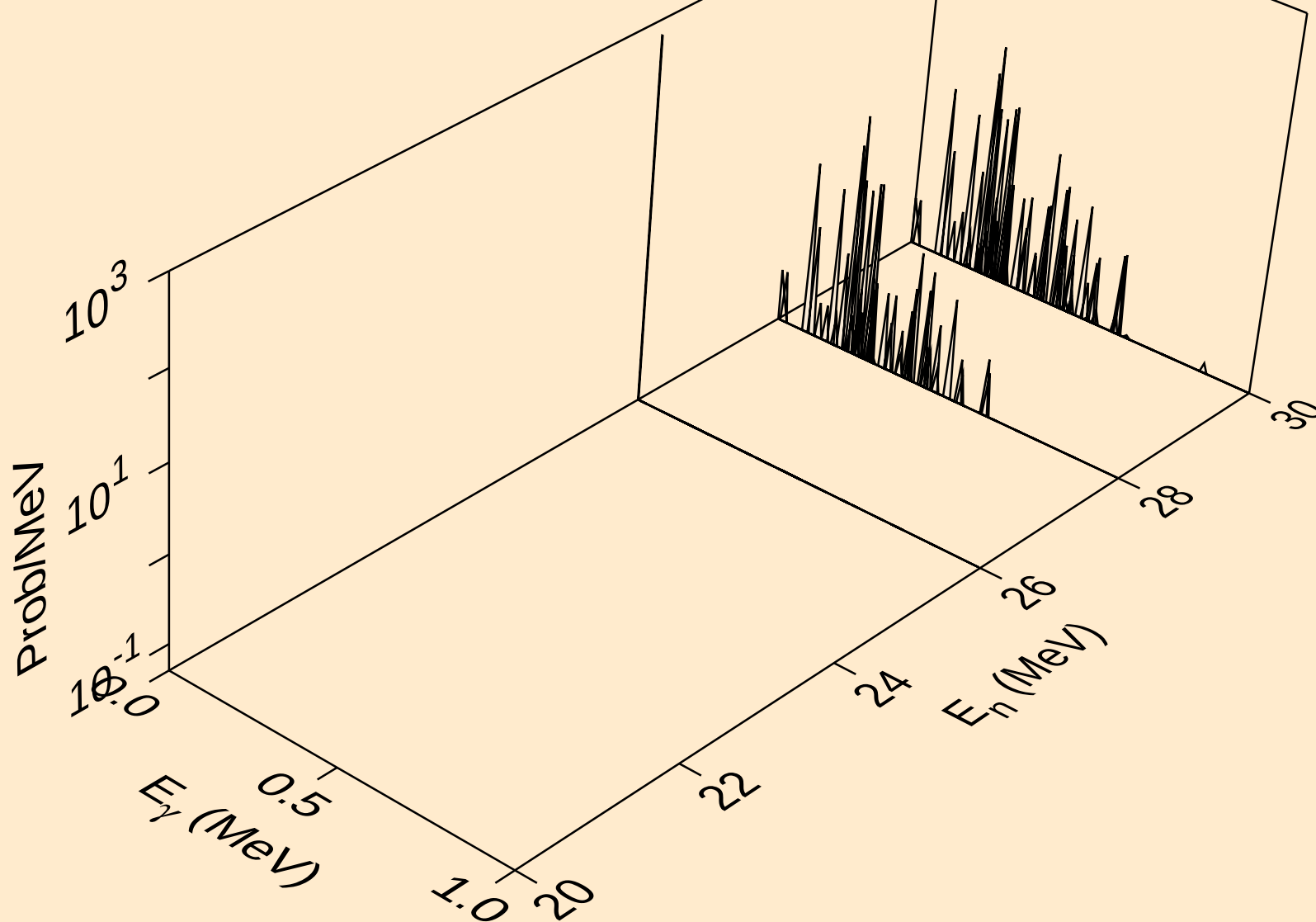
XE119 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n*)a



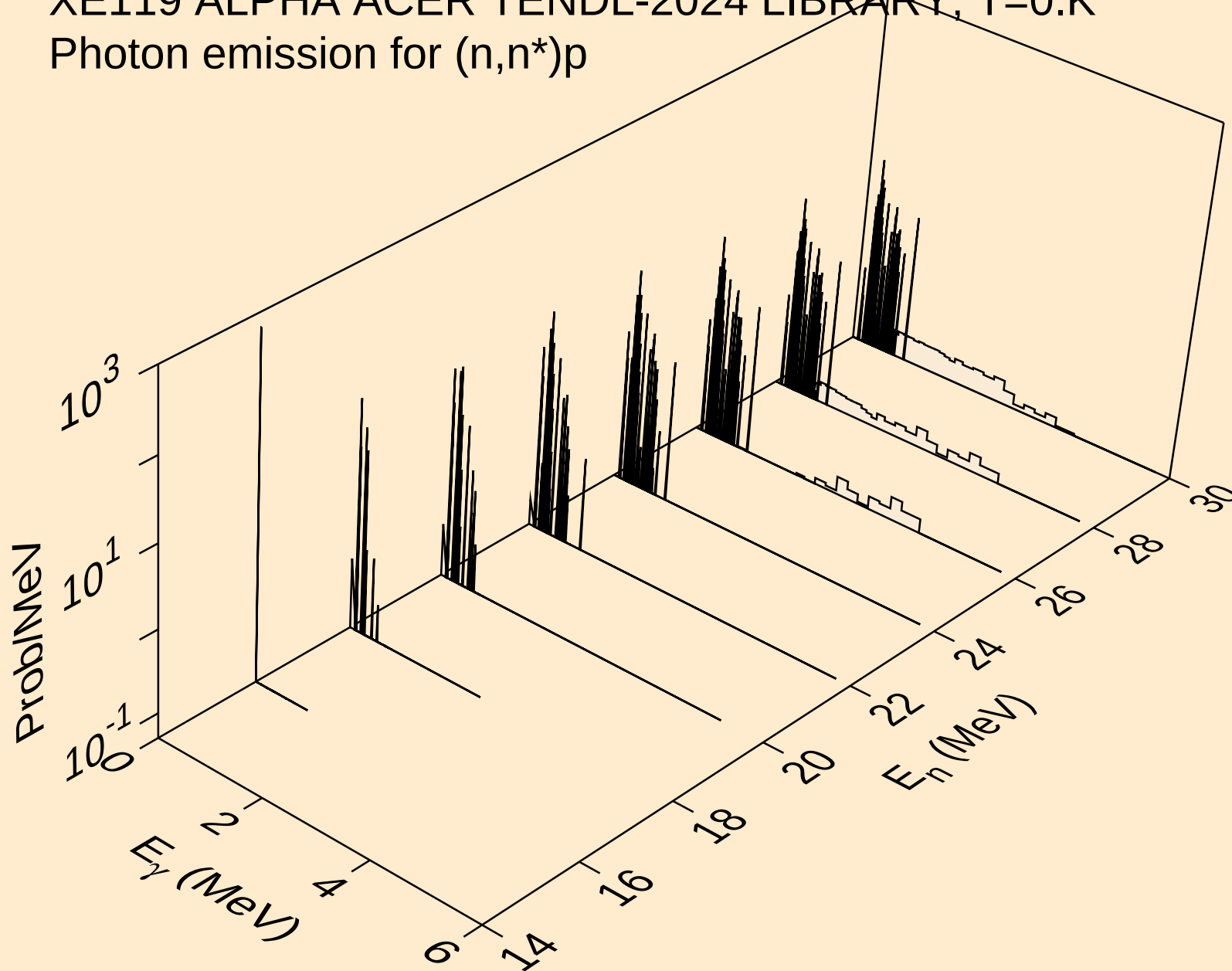
XE119 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,2n) α



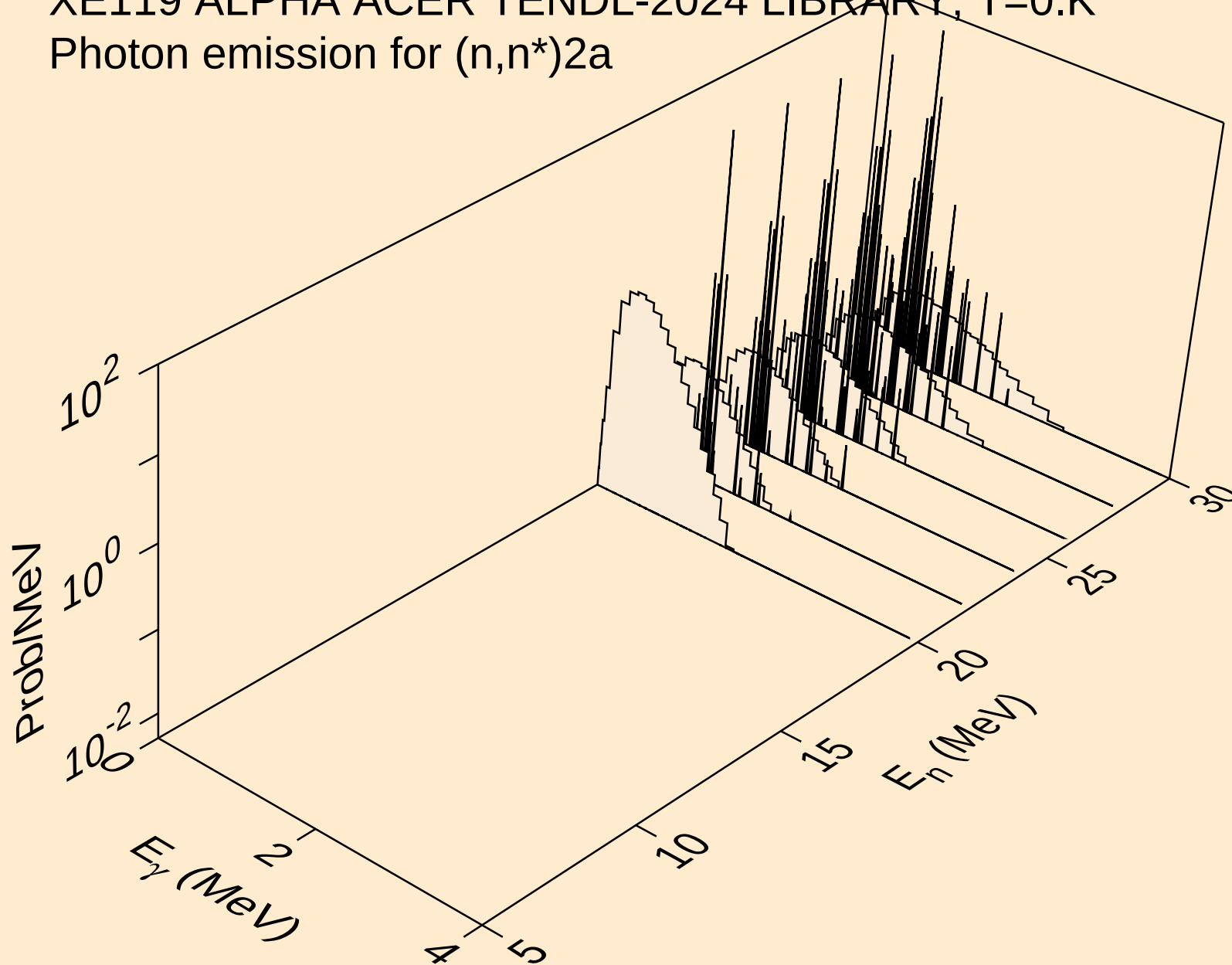
XE119 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n*)p



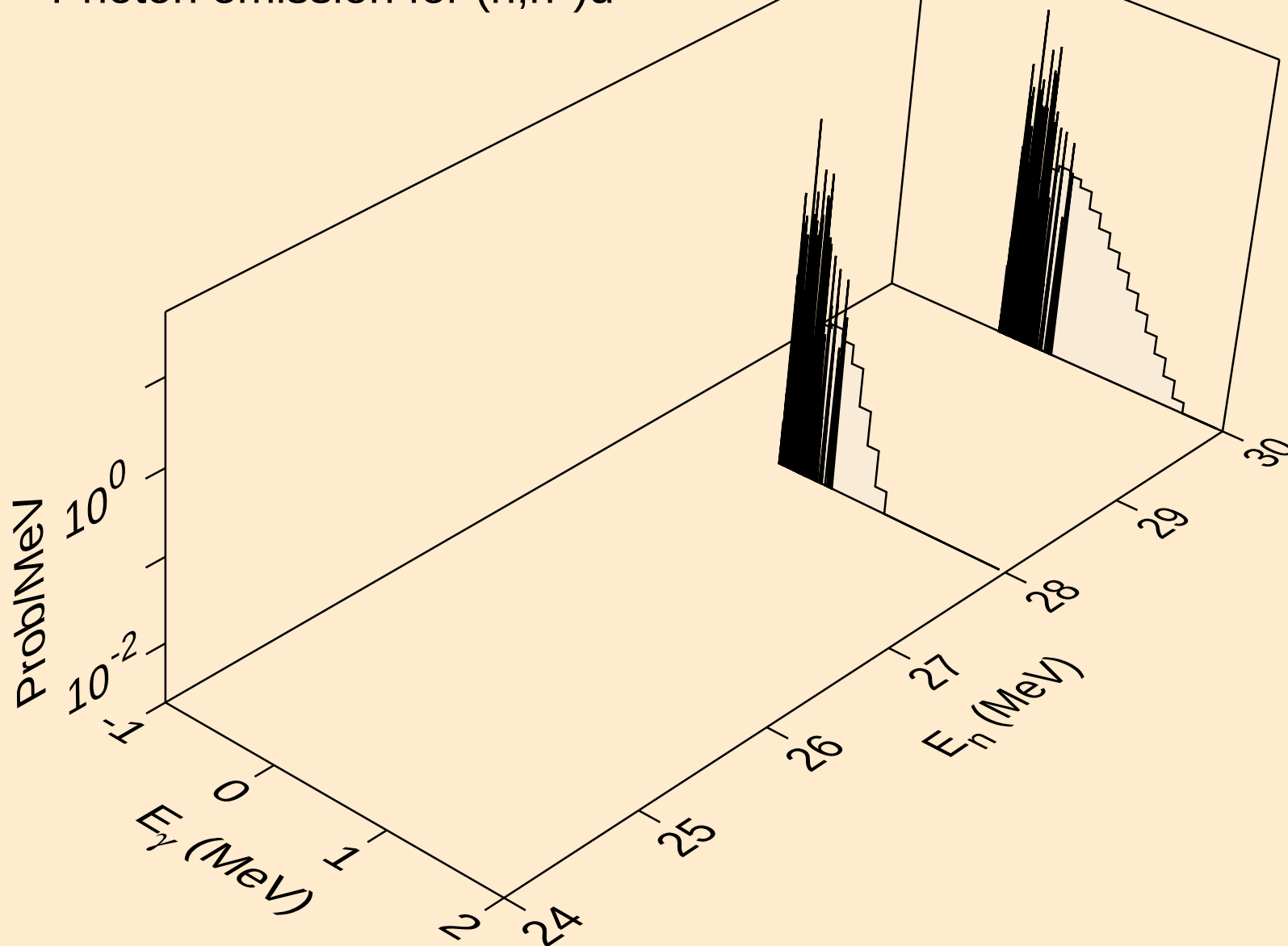
XE119 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n*)2a

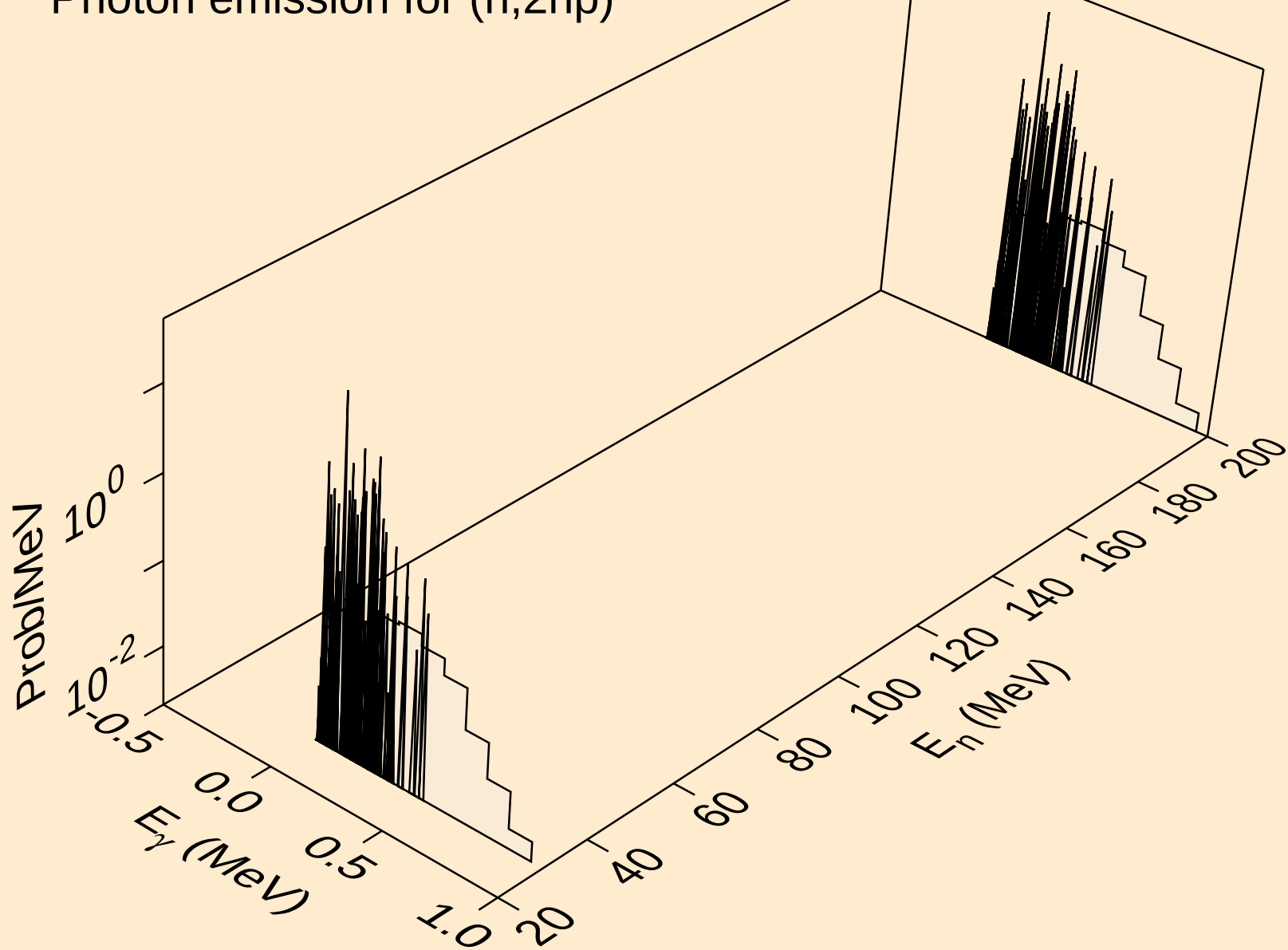


XE119 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

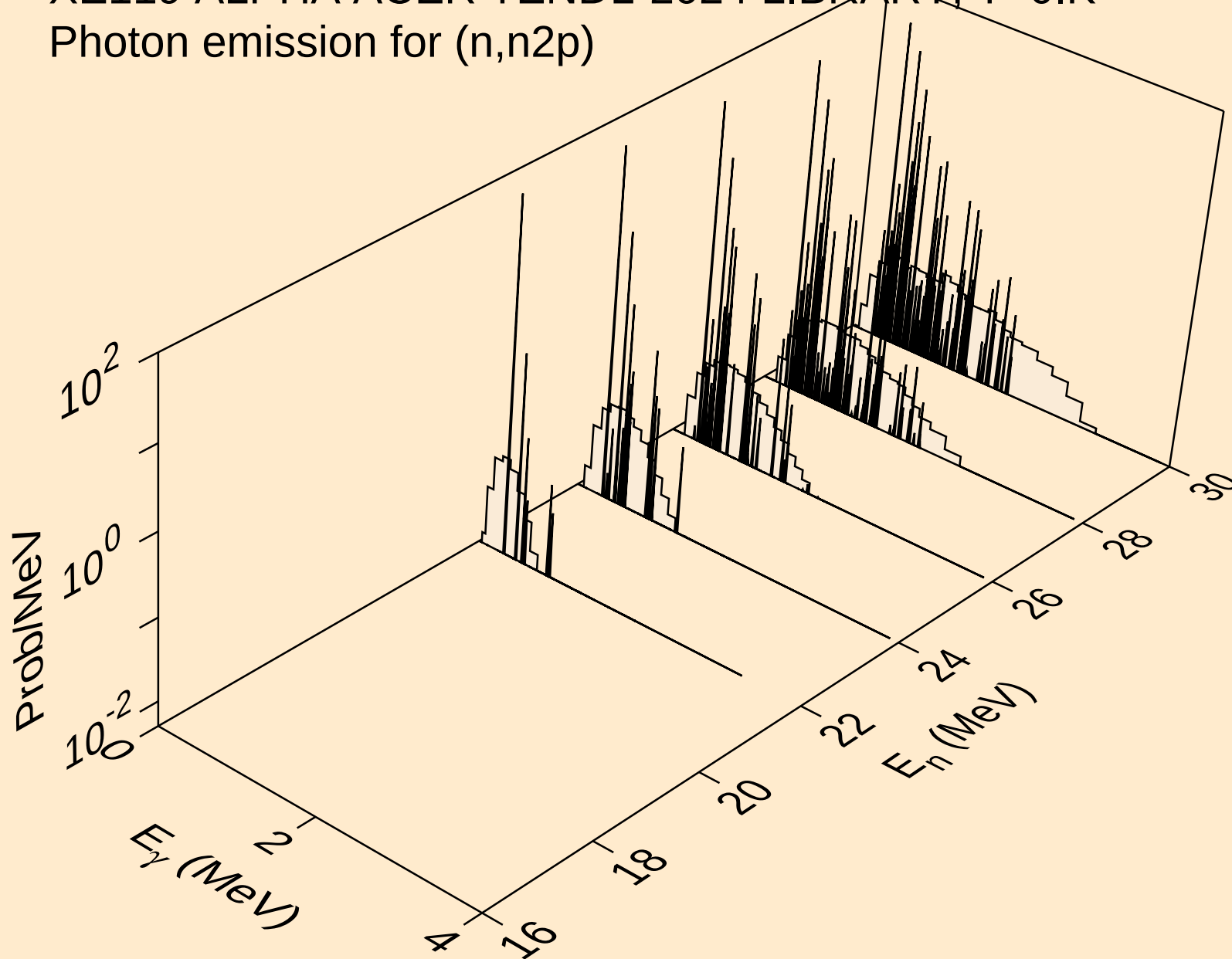
Photon emission for (n,n*)d



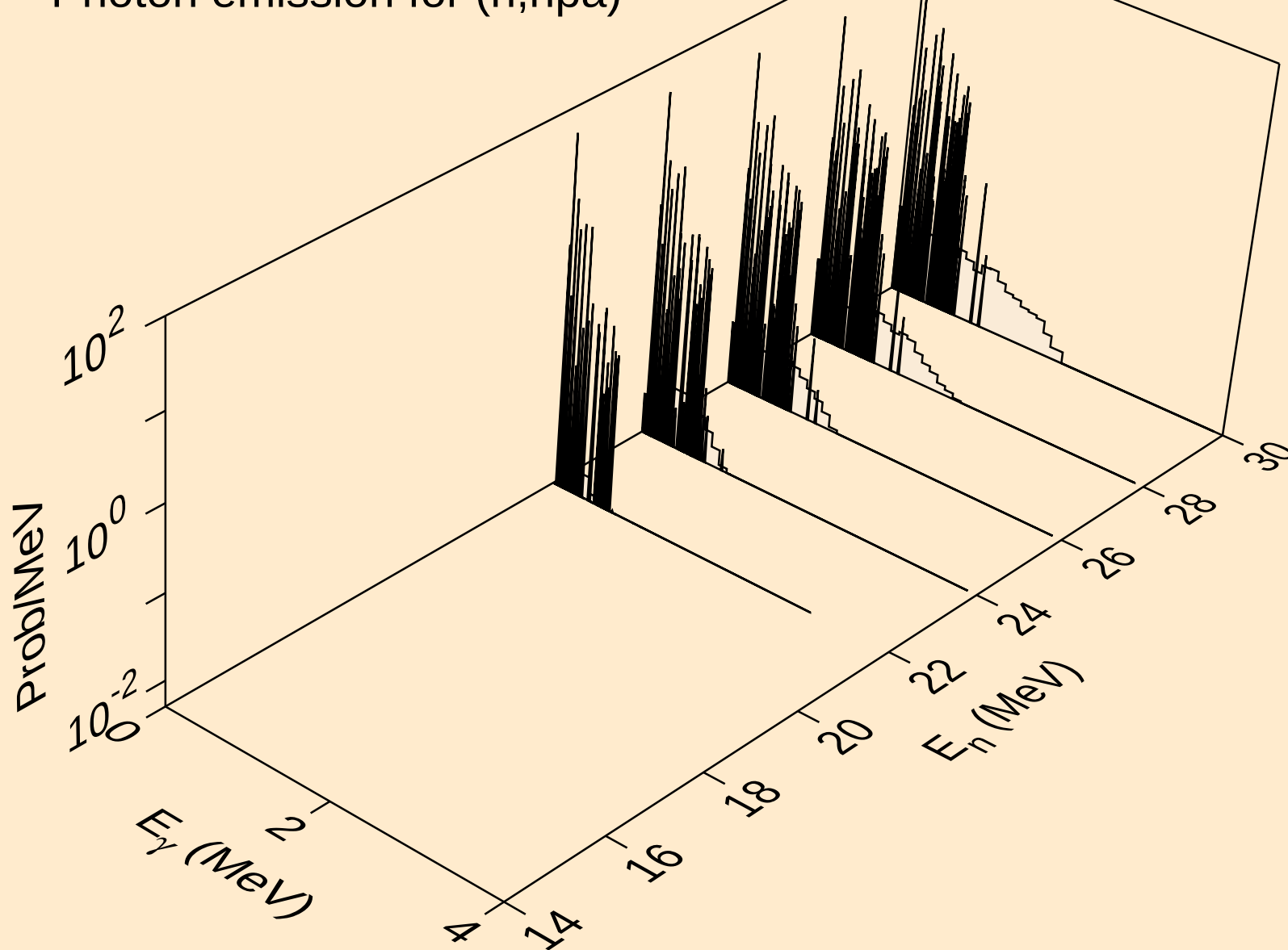
XE119 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2np)



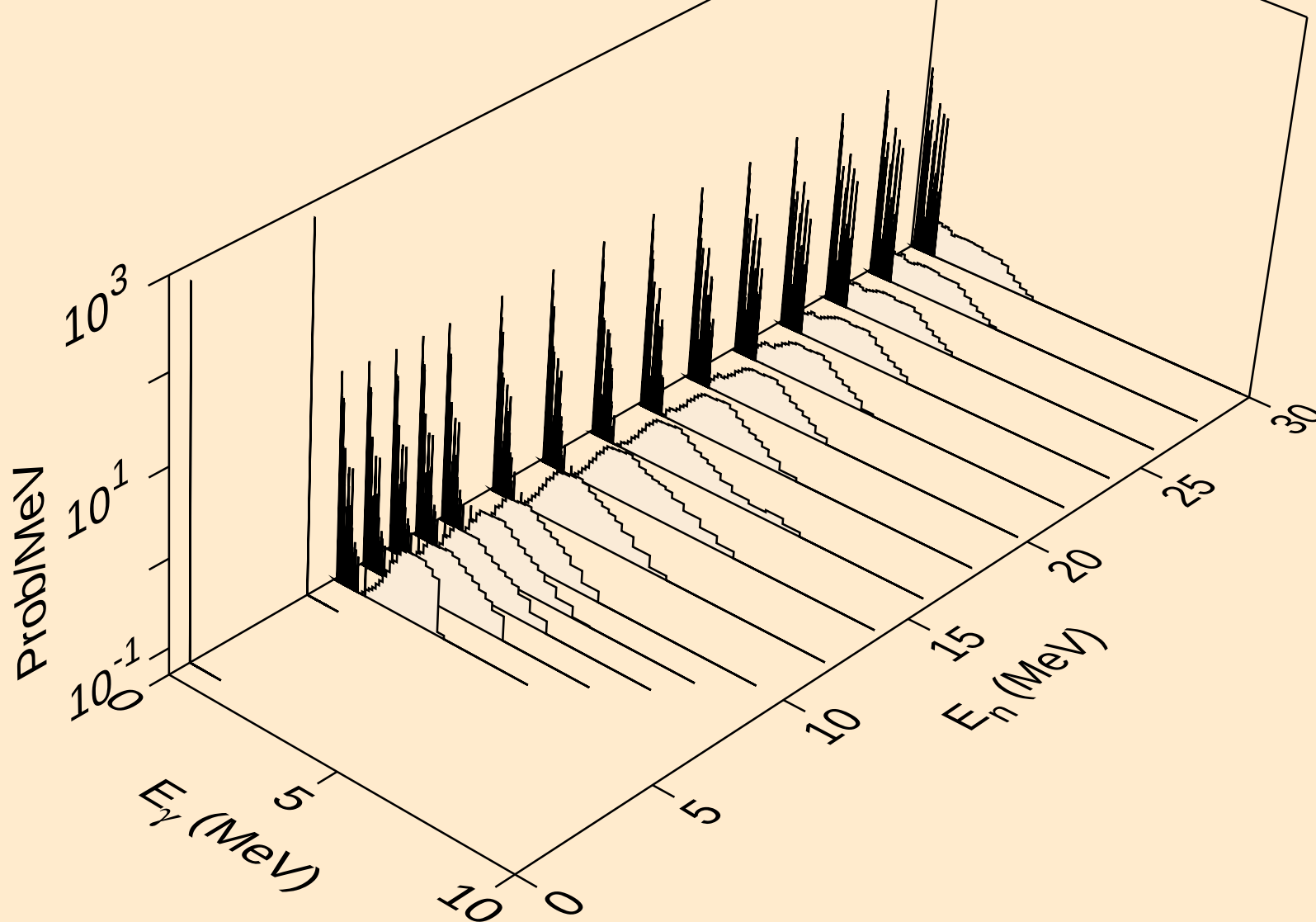
XE119 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n2p)



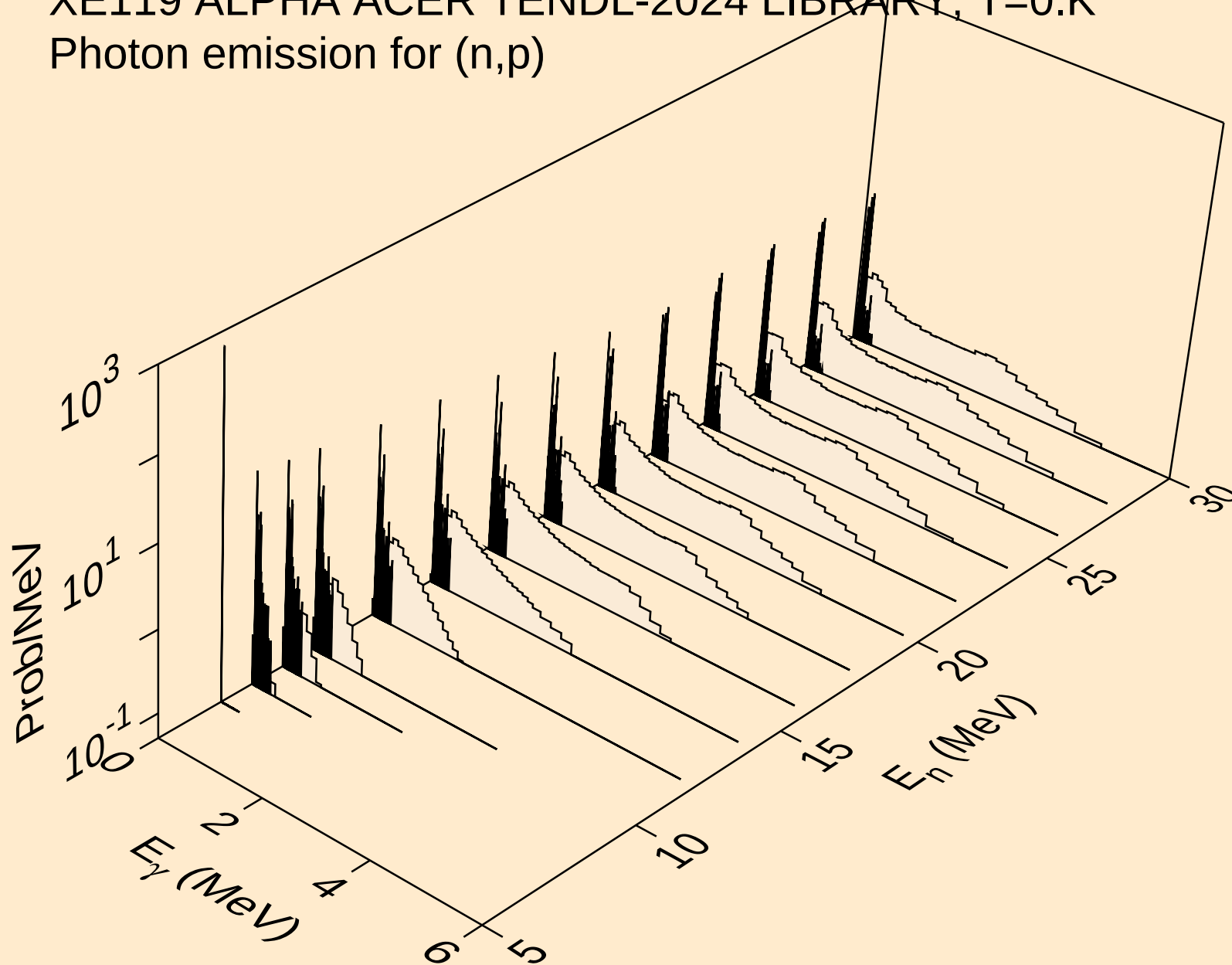
XE119 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,npa)



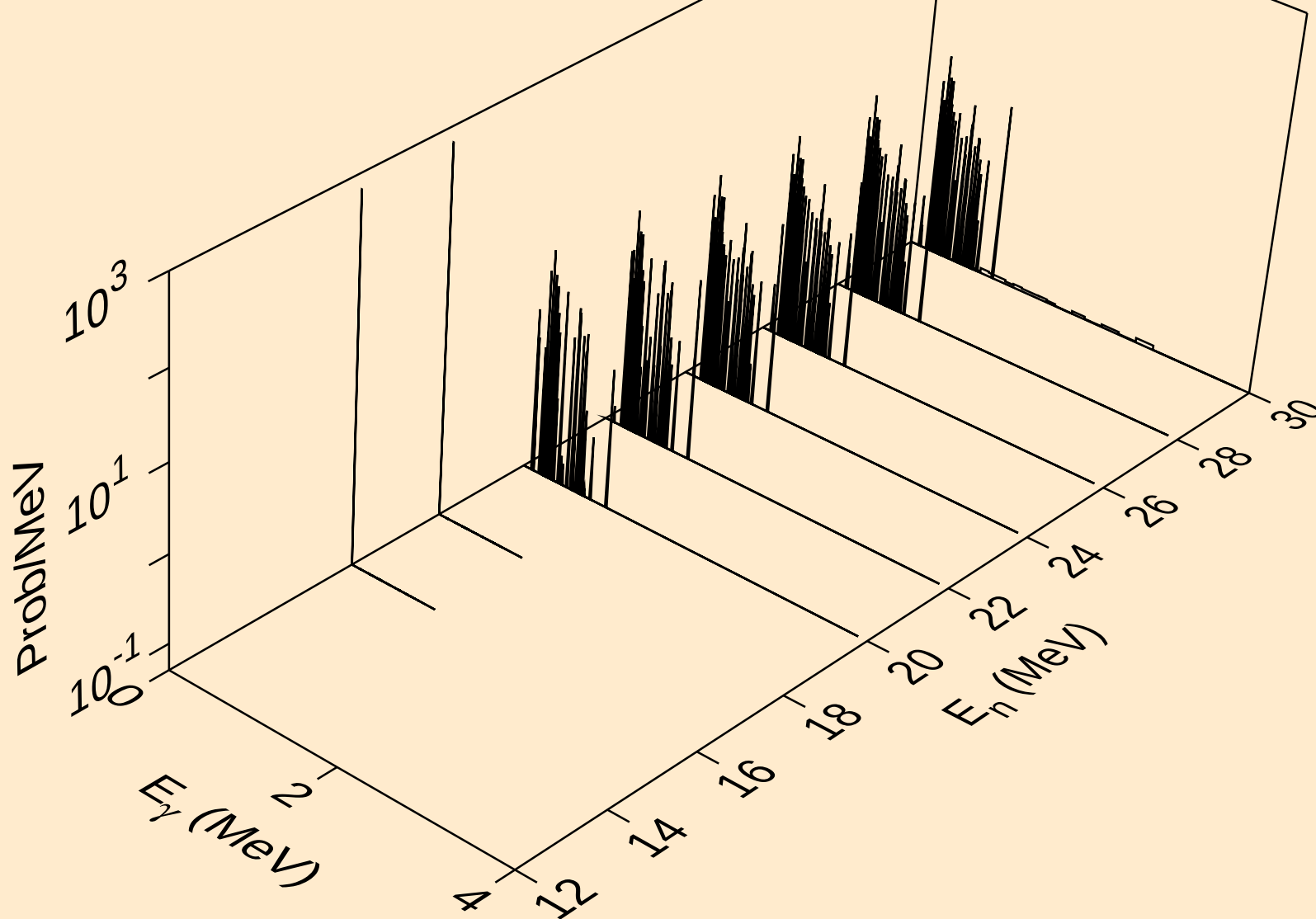
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Photon emission for (n,gma)



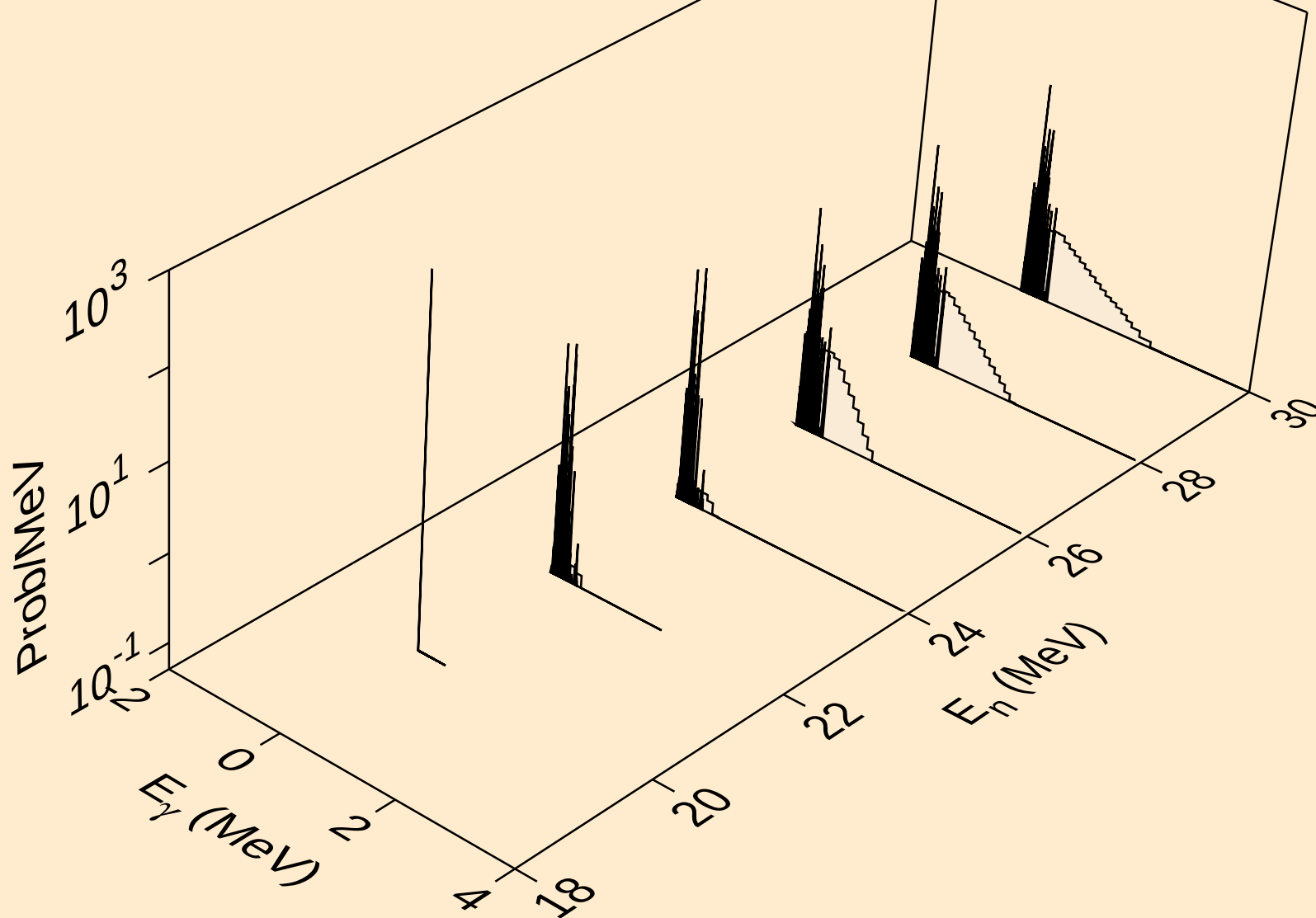
XE119 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,p)



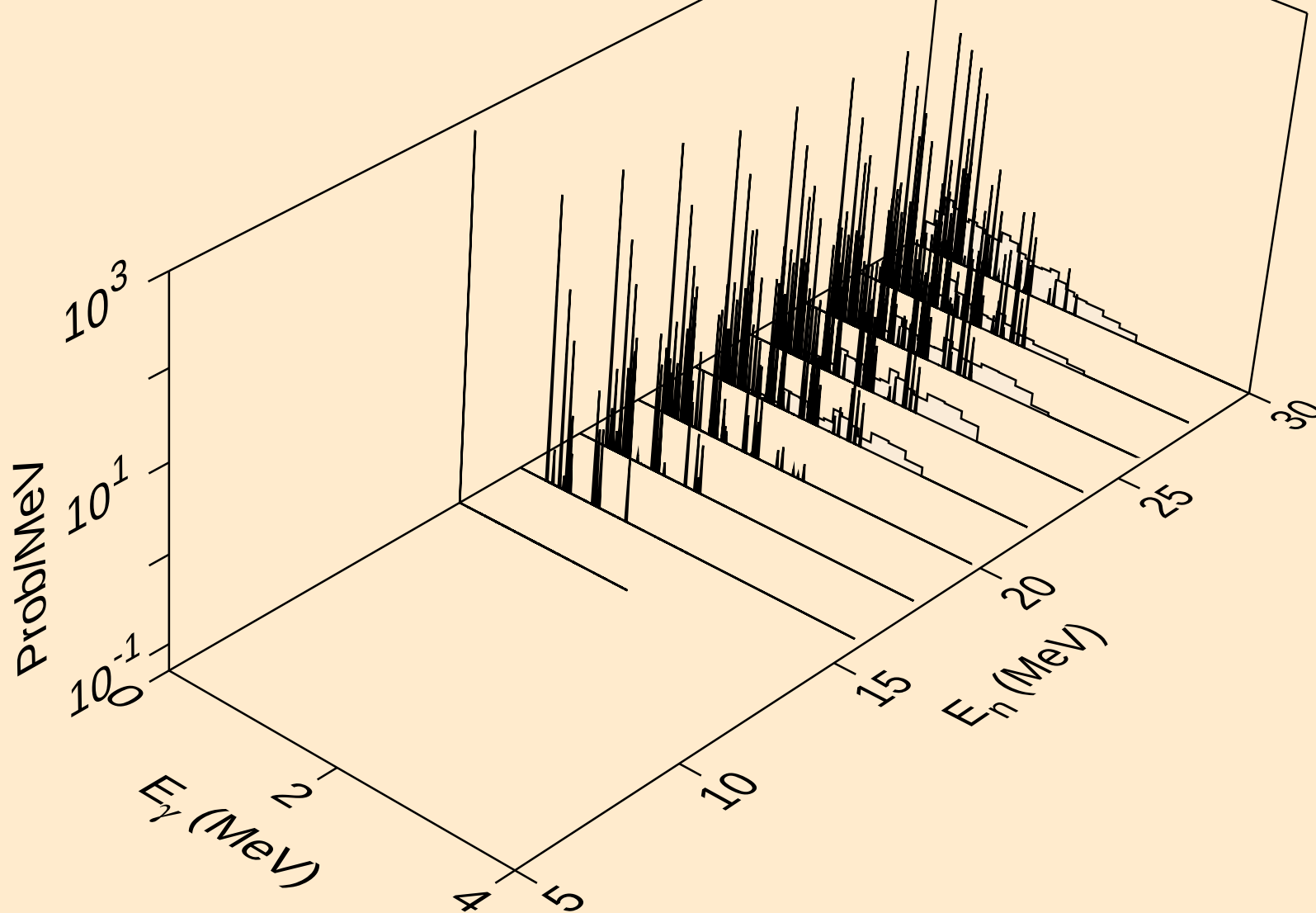
XE119 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,d)



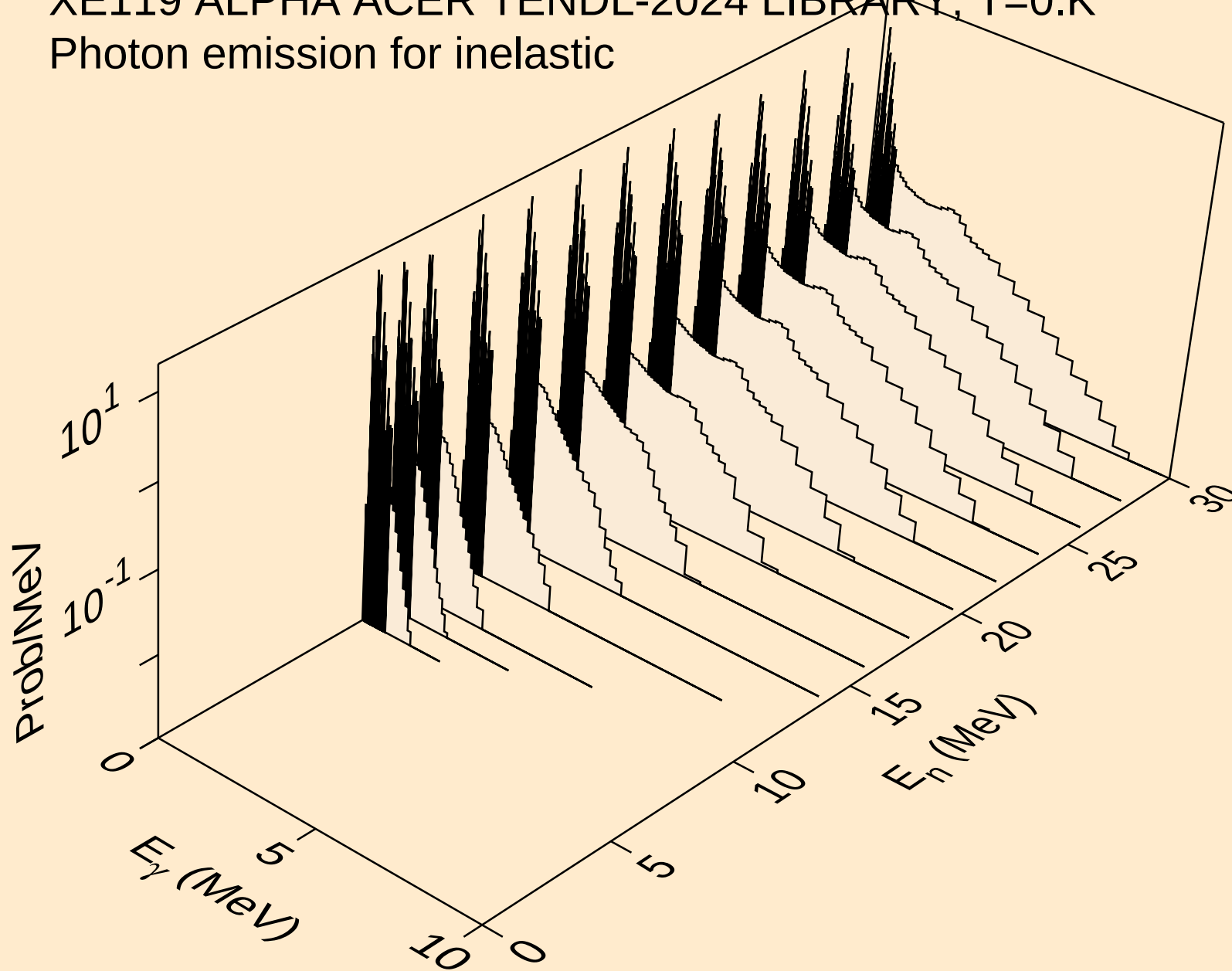
XE119 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,t)



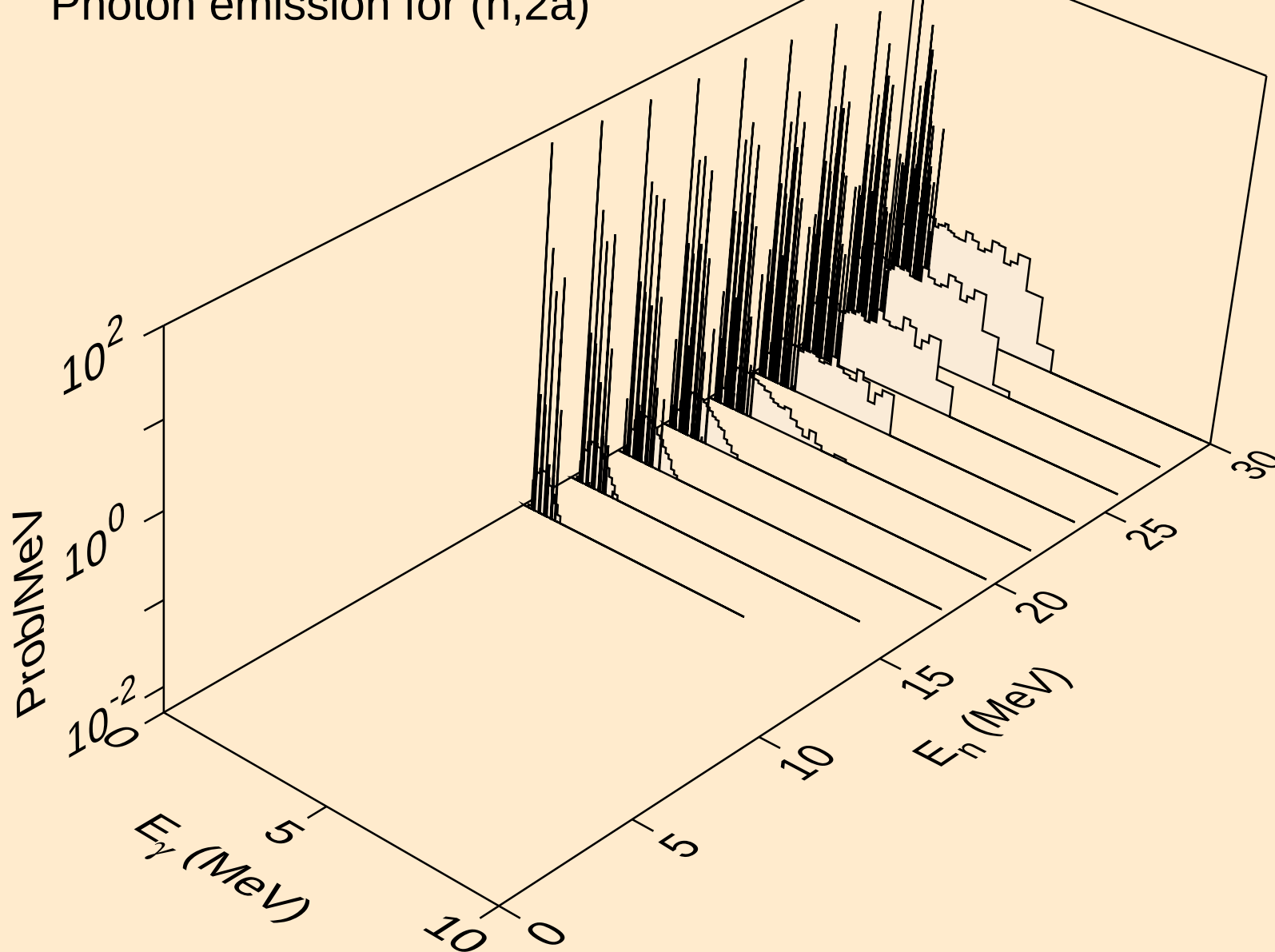
XE119 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,he3)



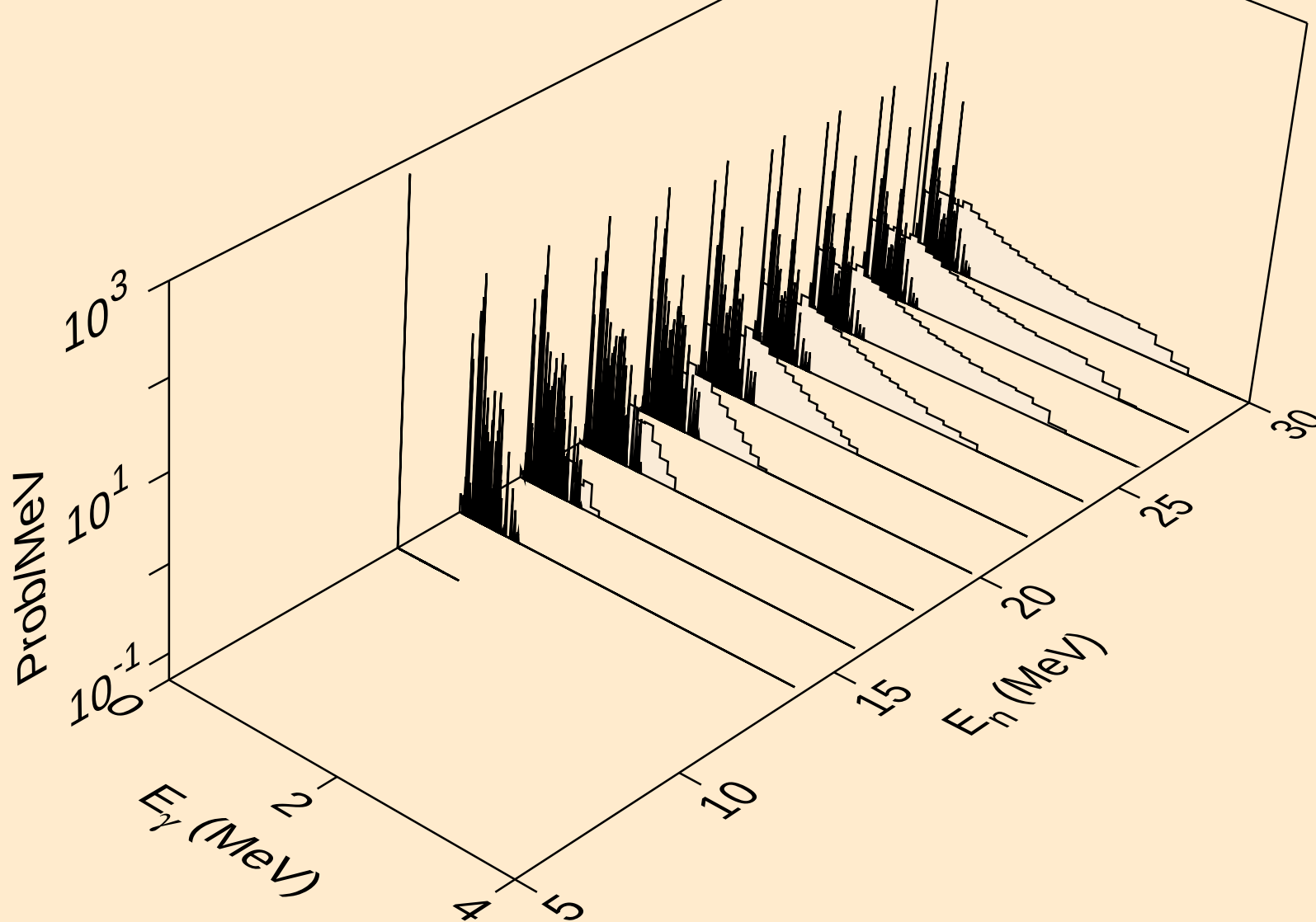
XE119 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for inelastic



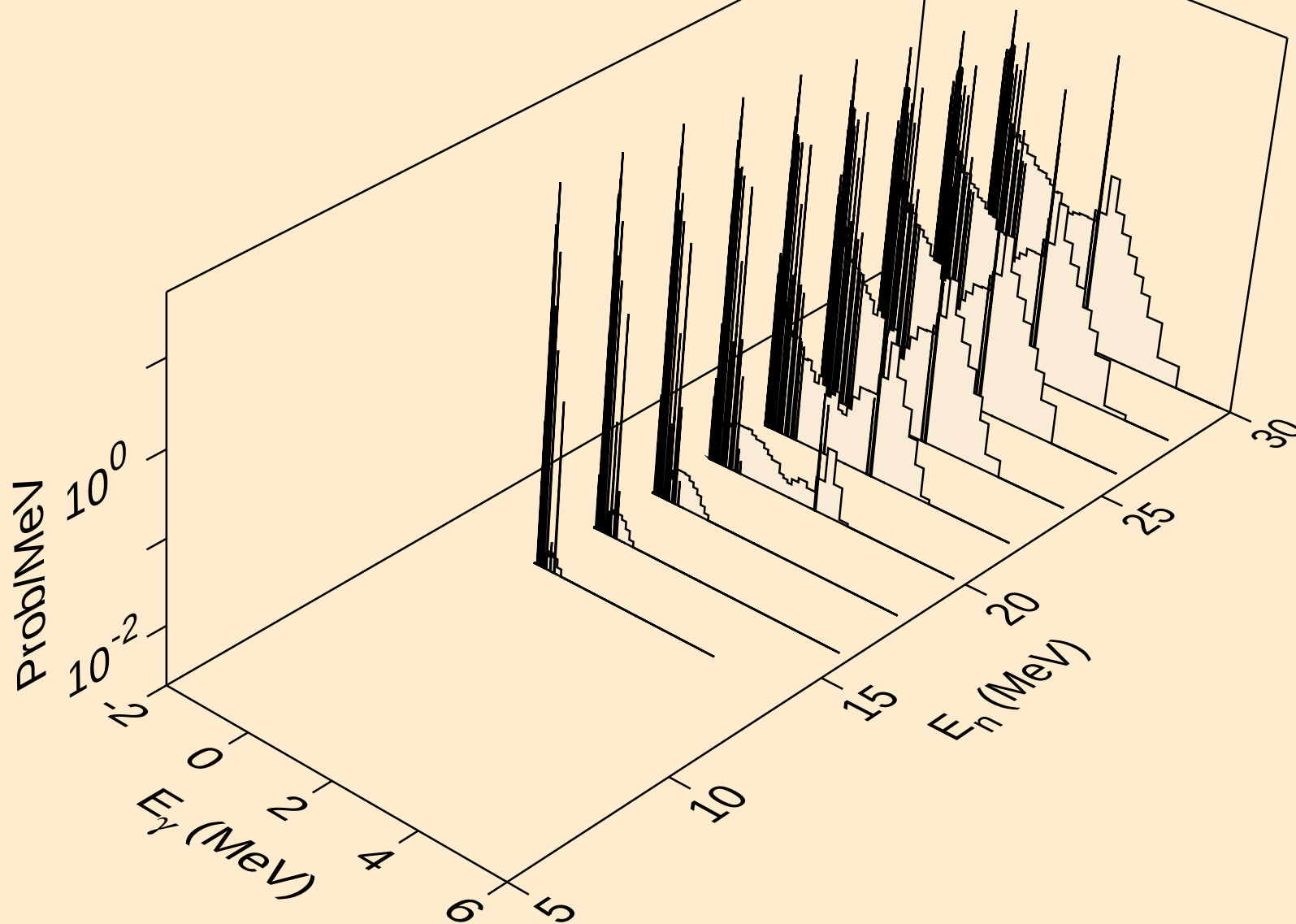
XE119 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2a)



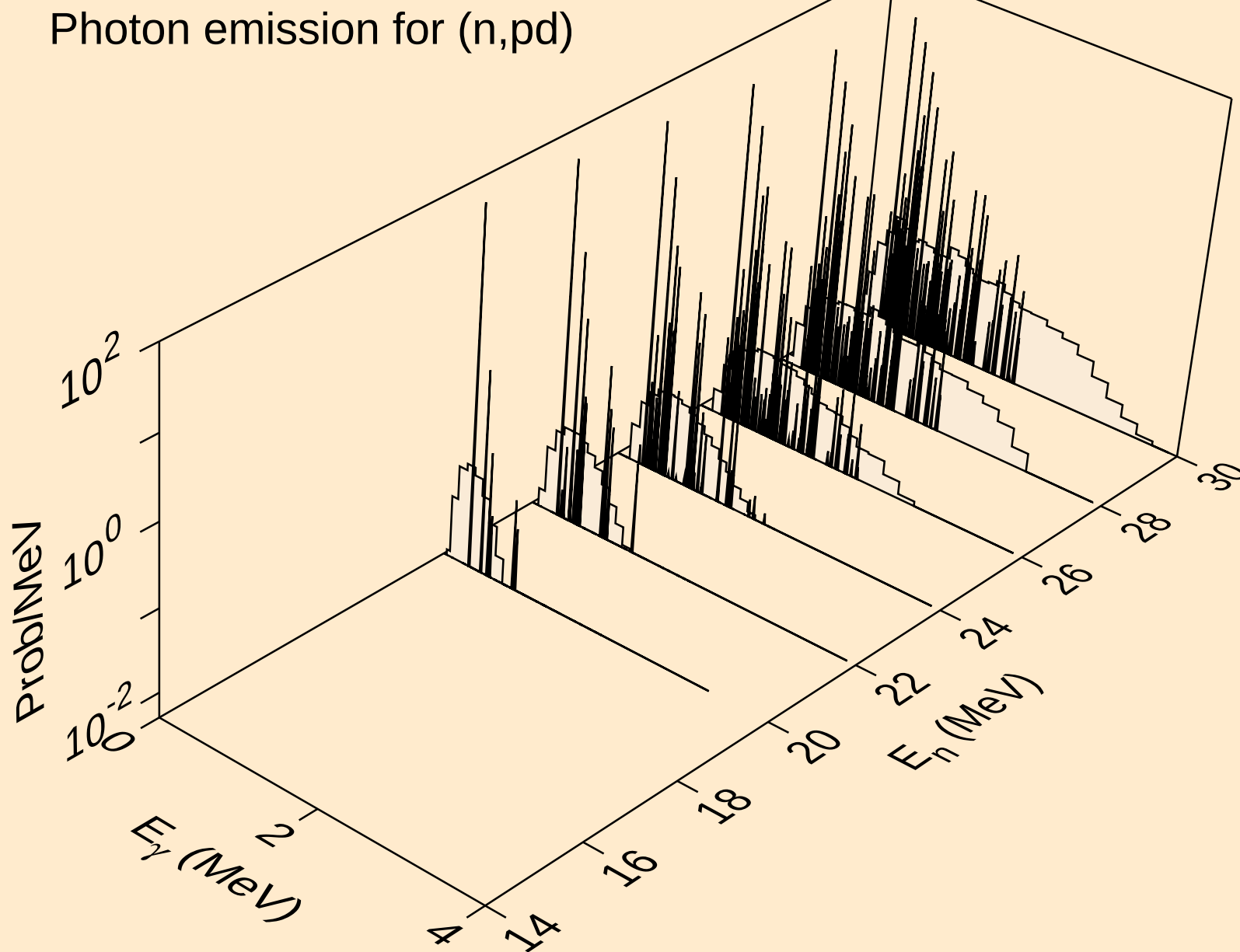
XE119 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2p)



XE119 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,p α)

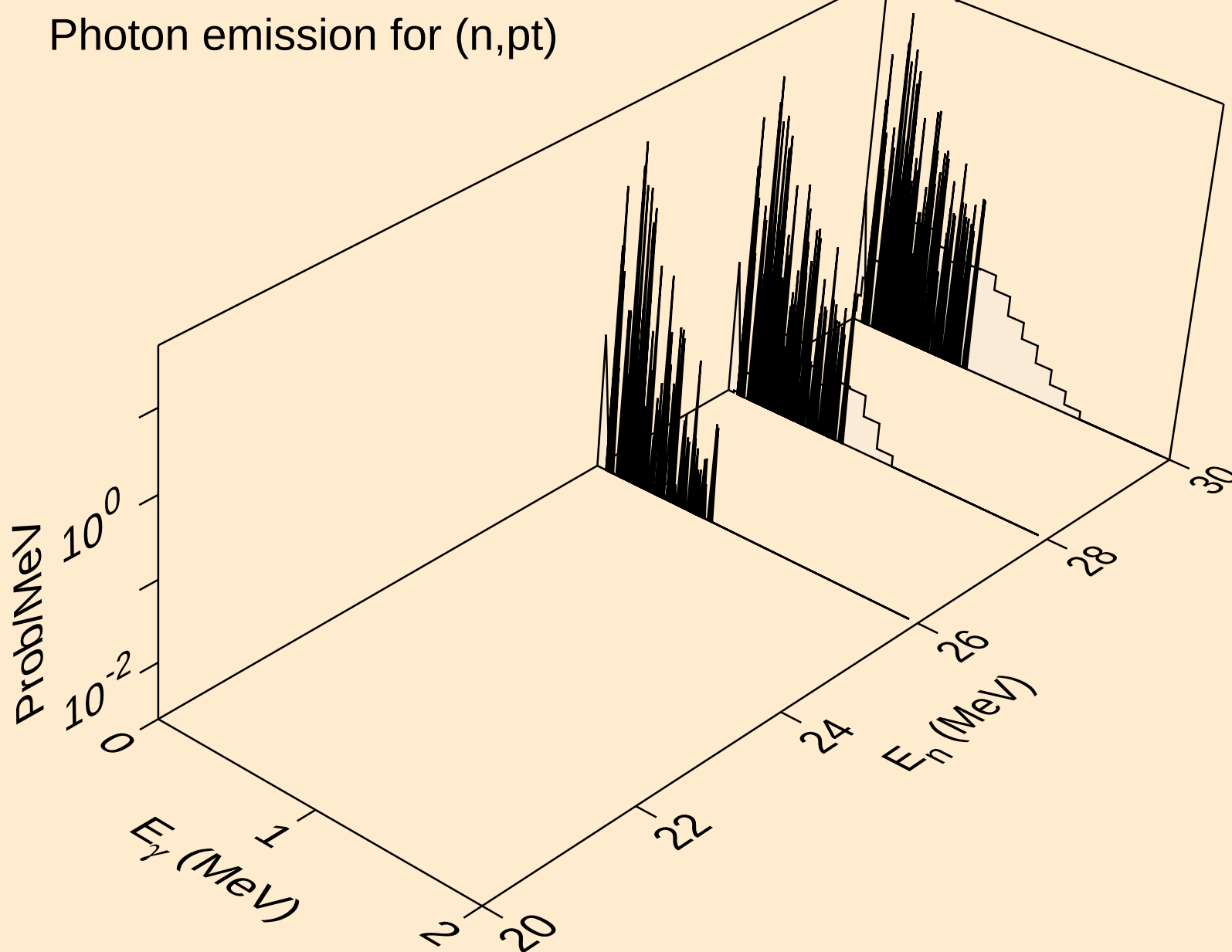


XE119 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pd)

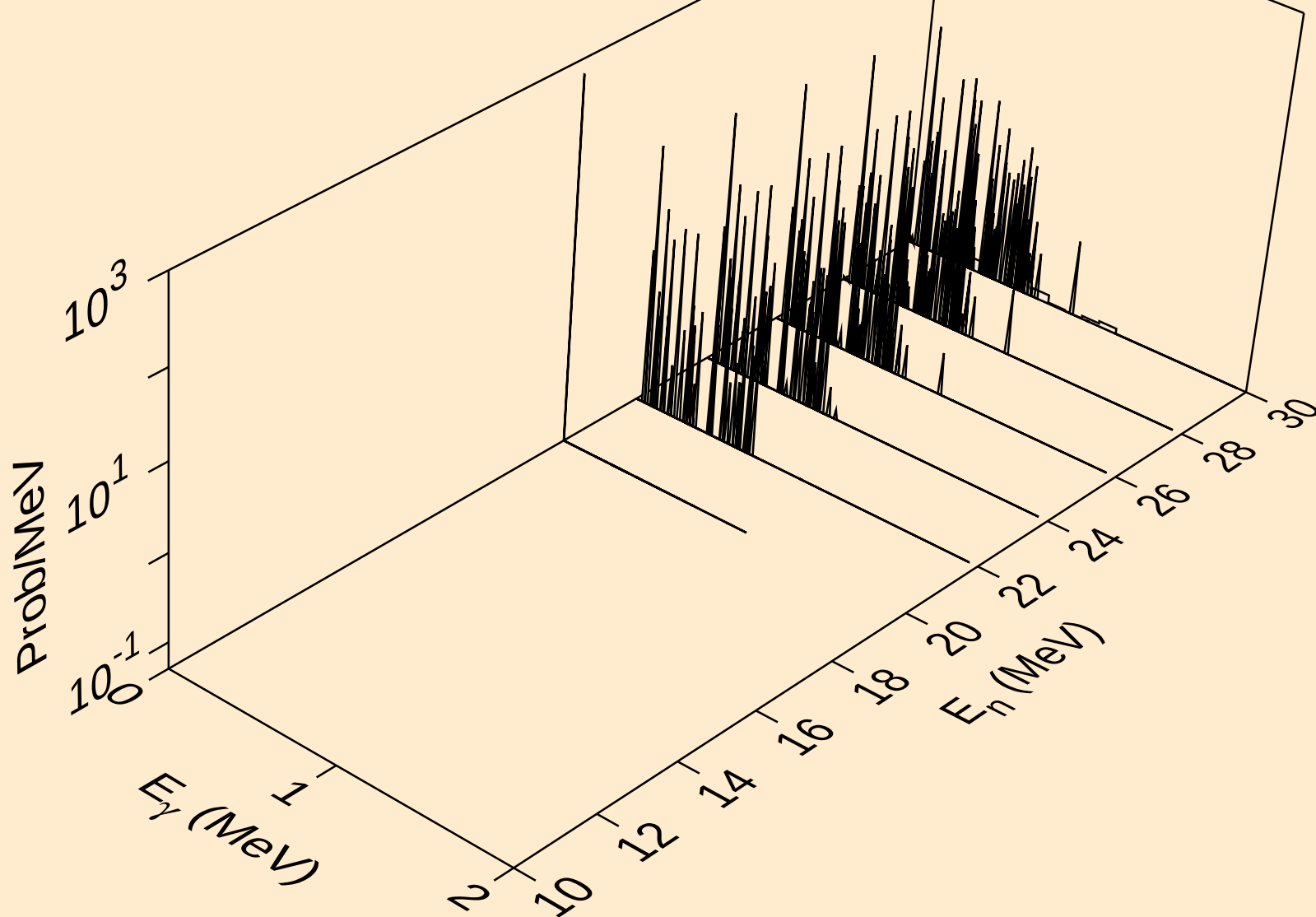


XE119 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,pt)

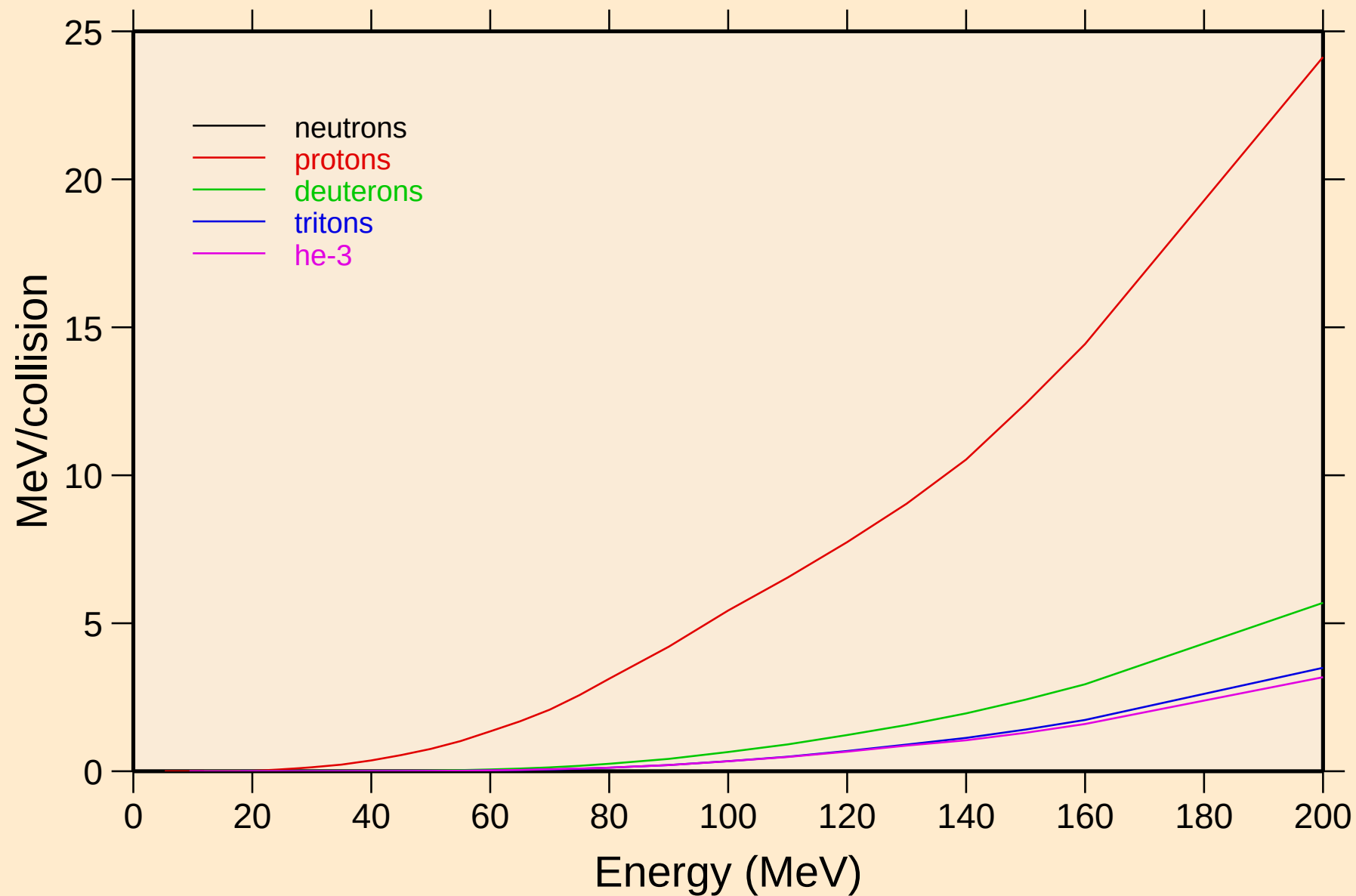


XE119 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,da)



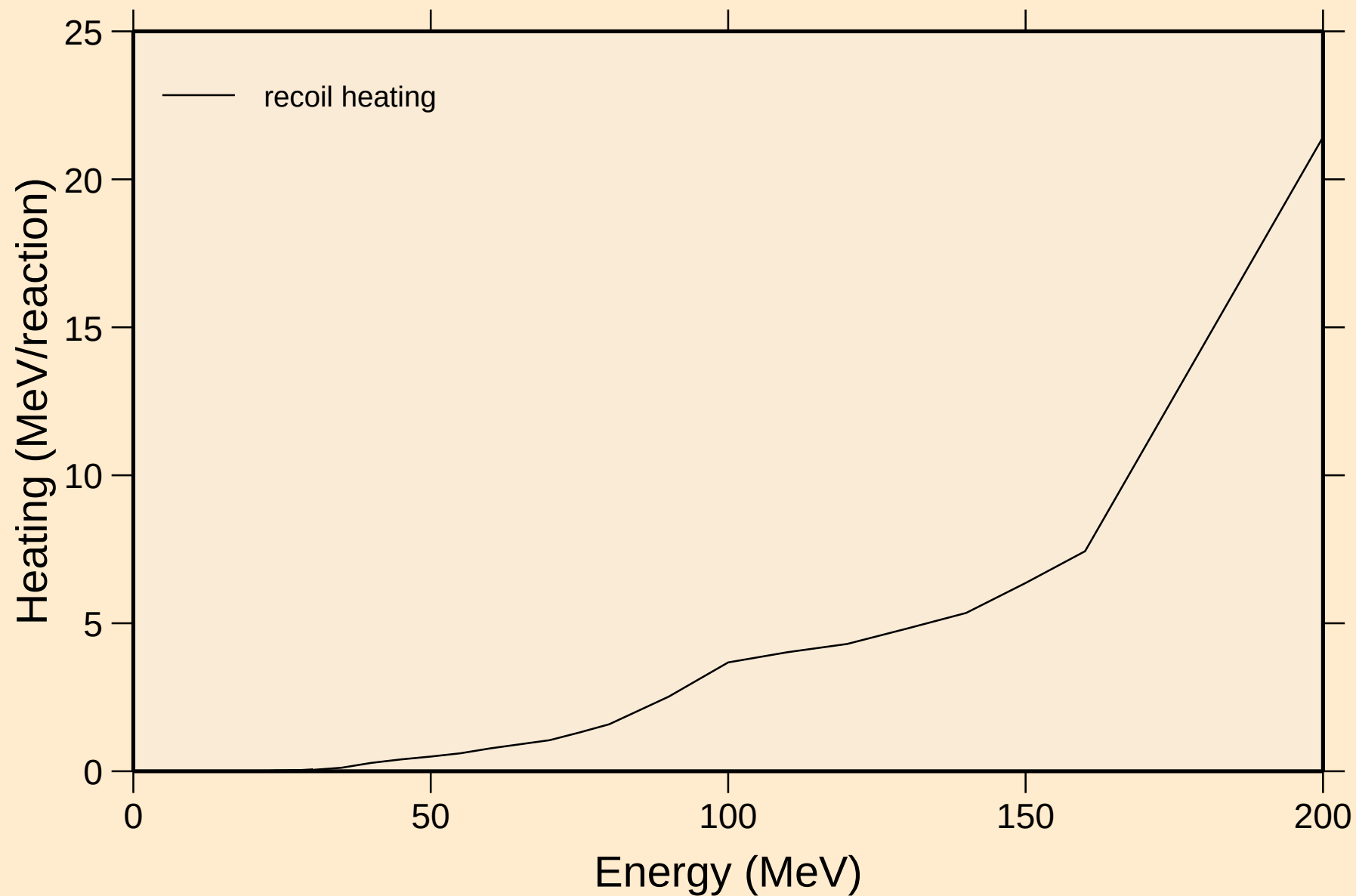
XE119 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Particle heating contributions



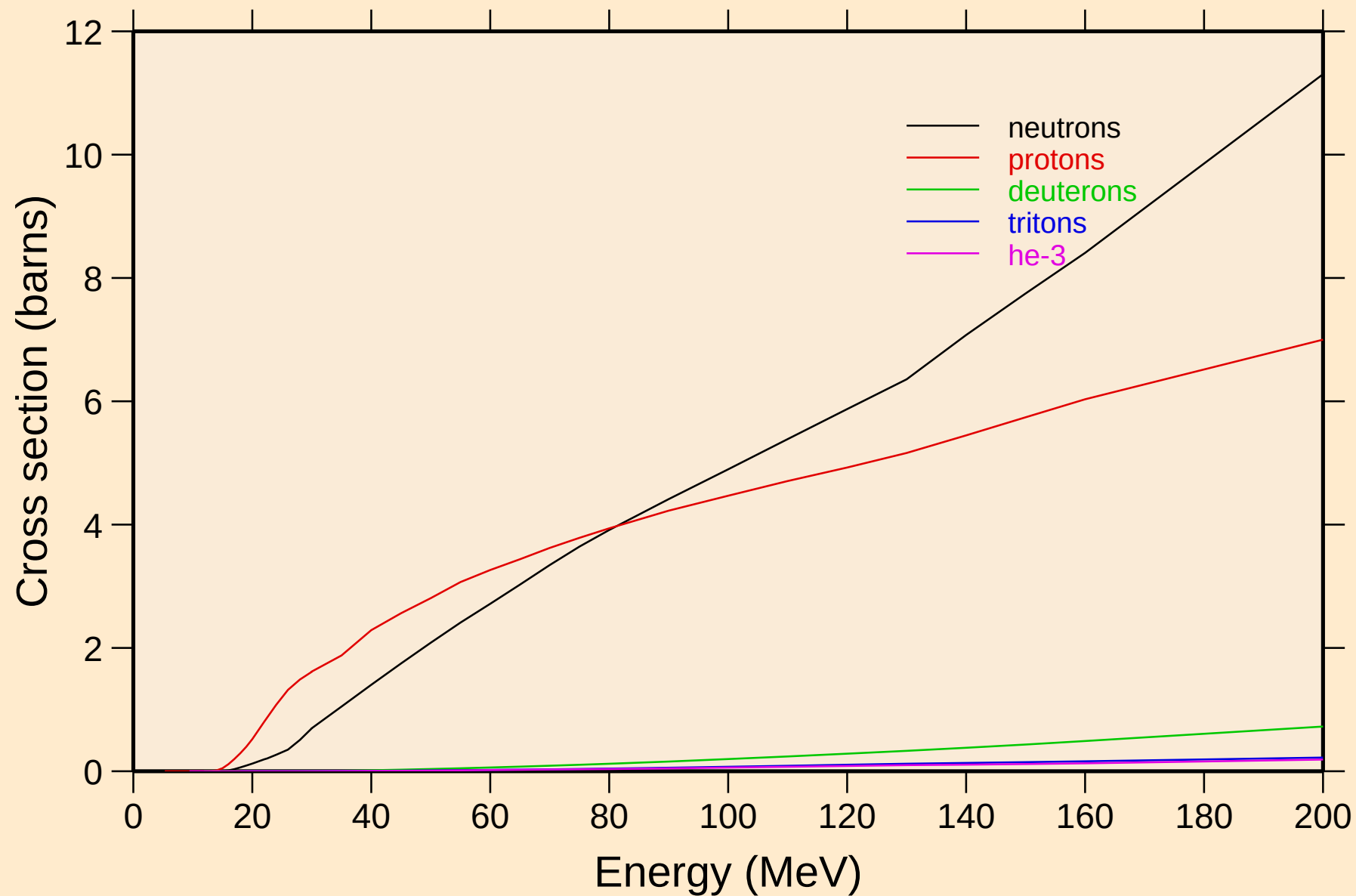
XE119 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Recoil Heating

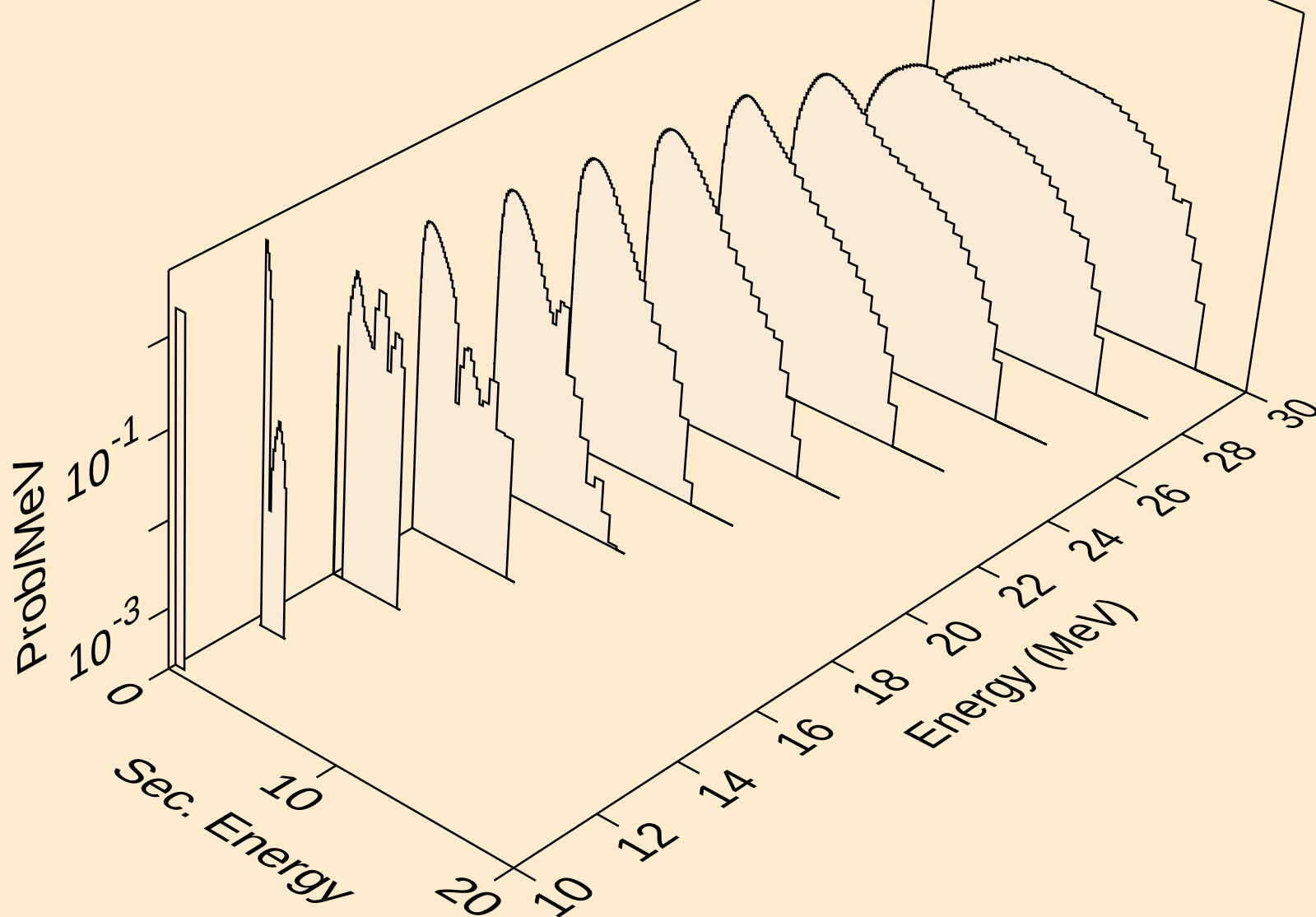


XE119 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

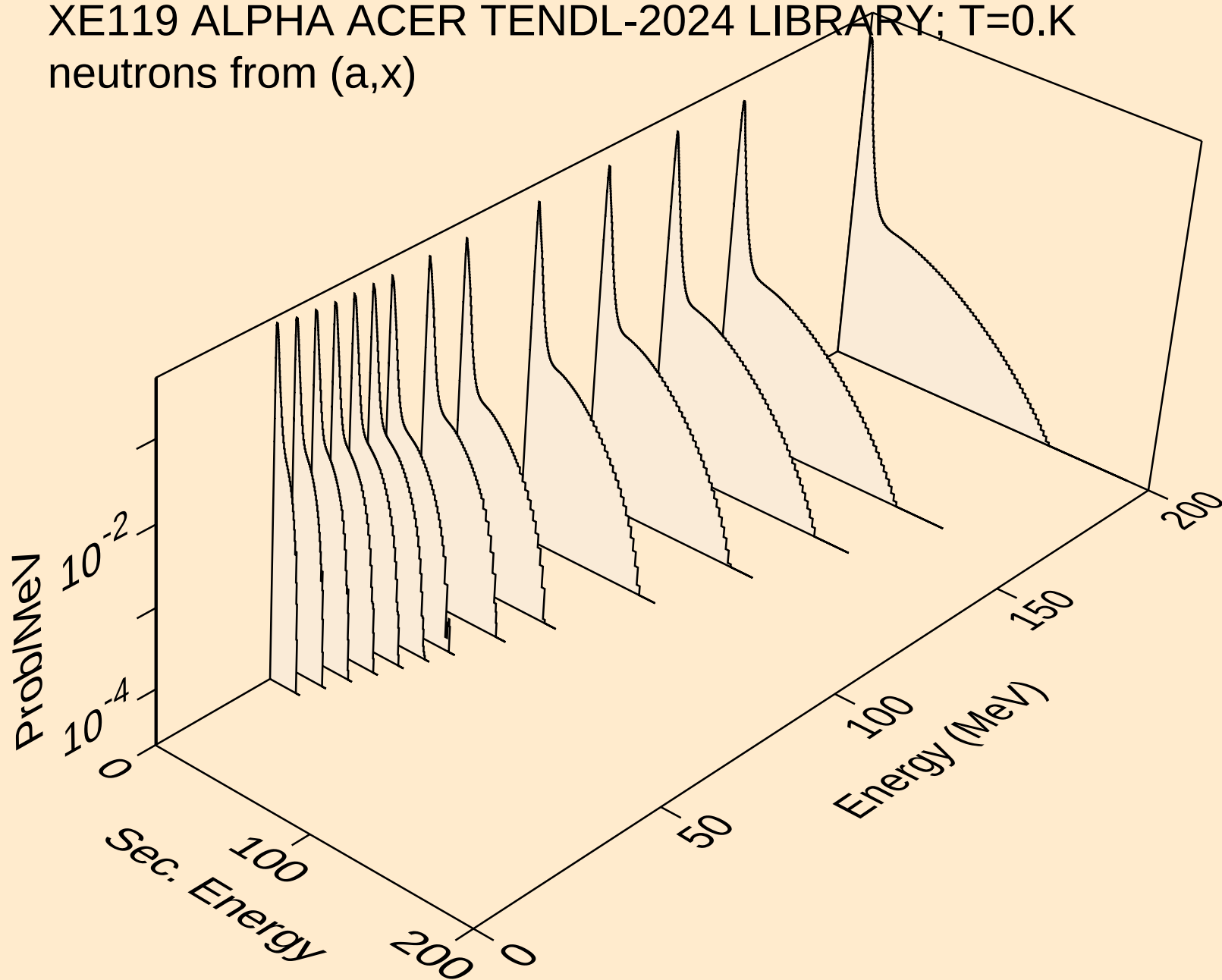
Particle production cross sections



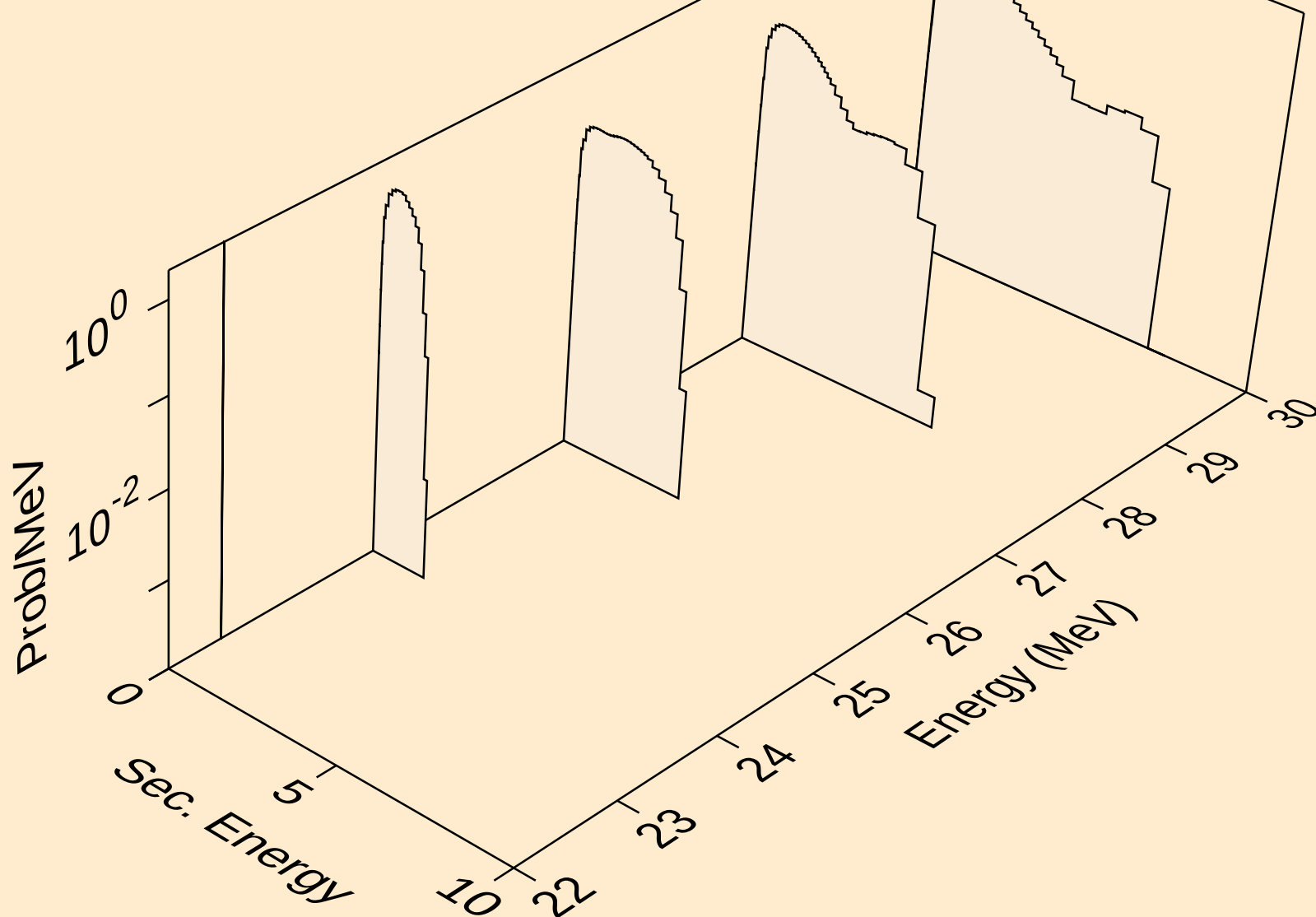
XE119 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,n)



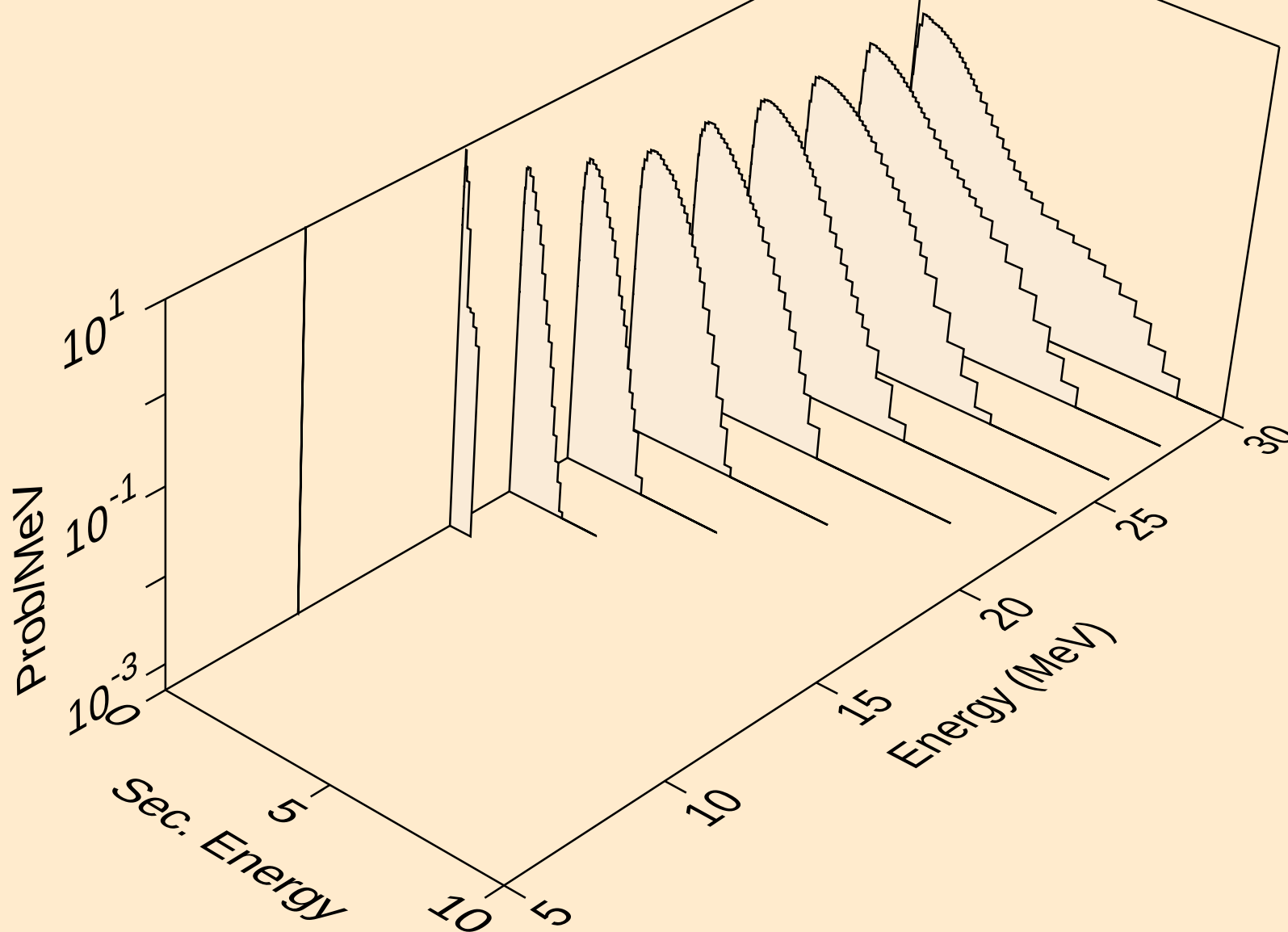
XE119 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,x)



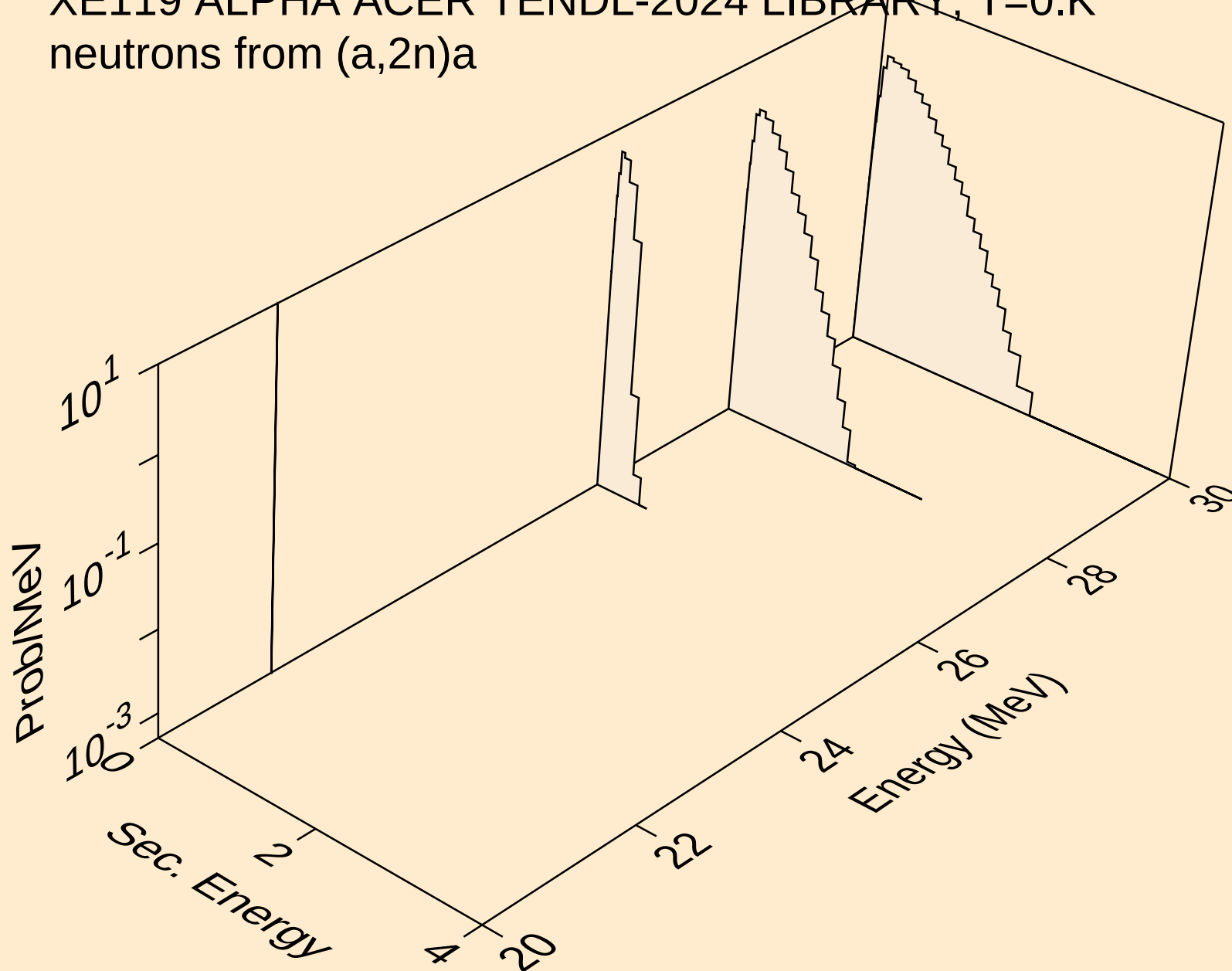
XE119 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,2n)



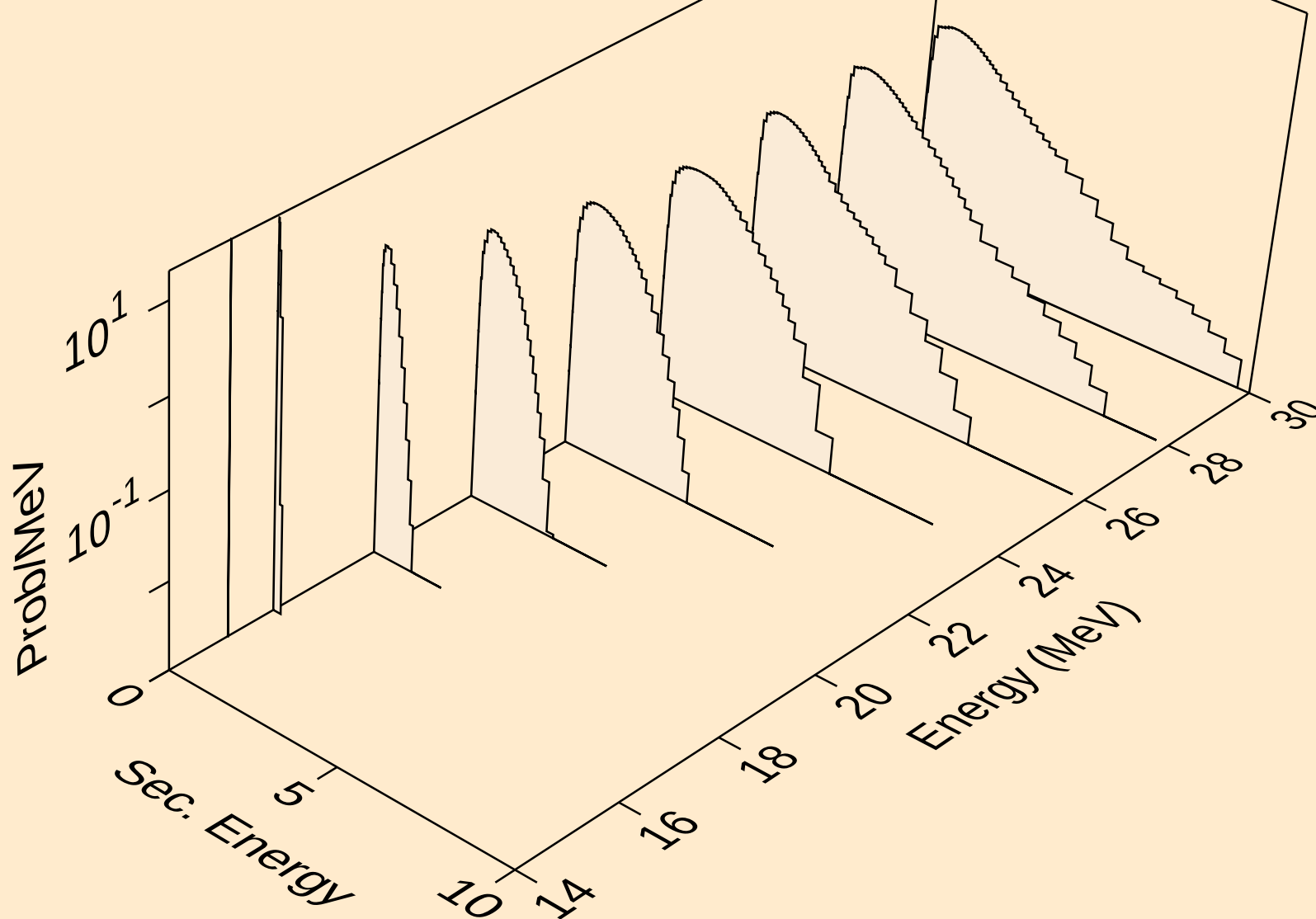
XE119 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,n*)a



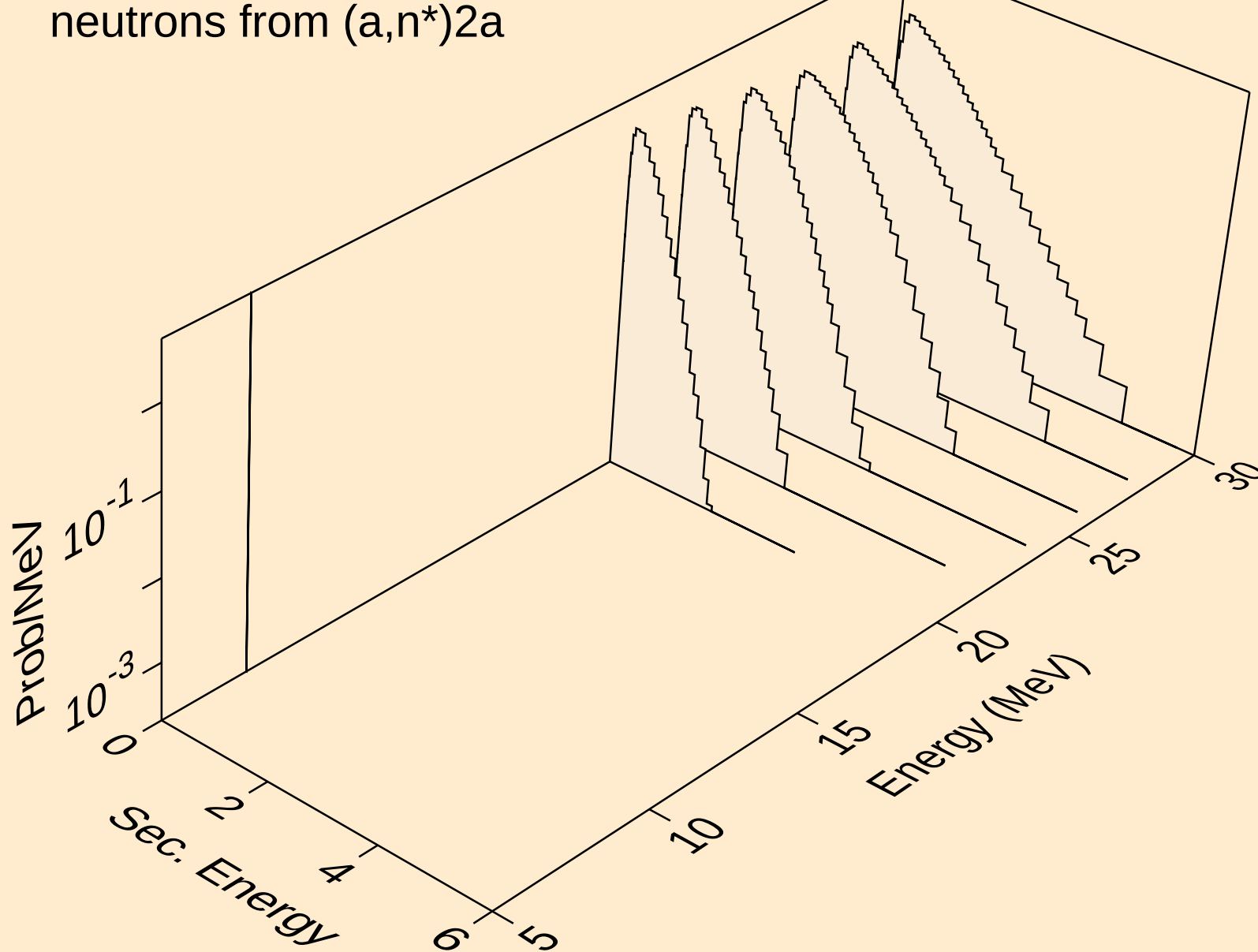
XE119 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,2n)a



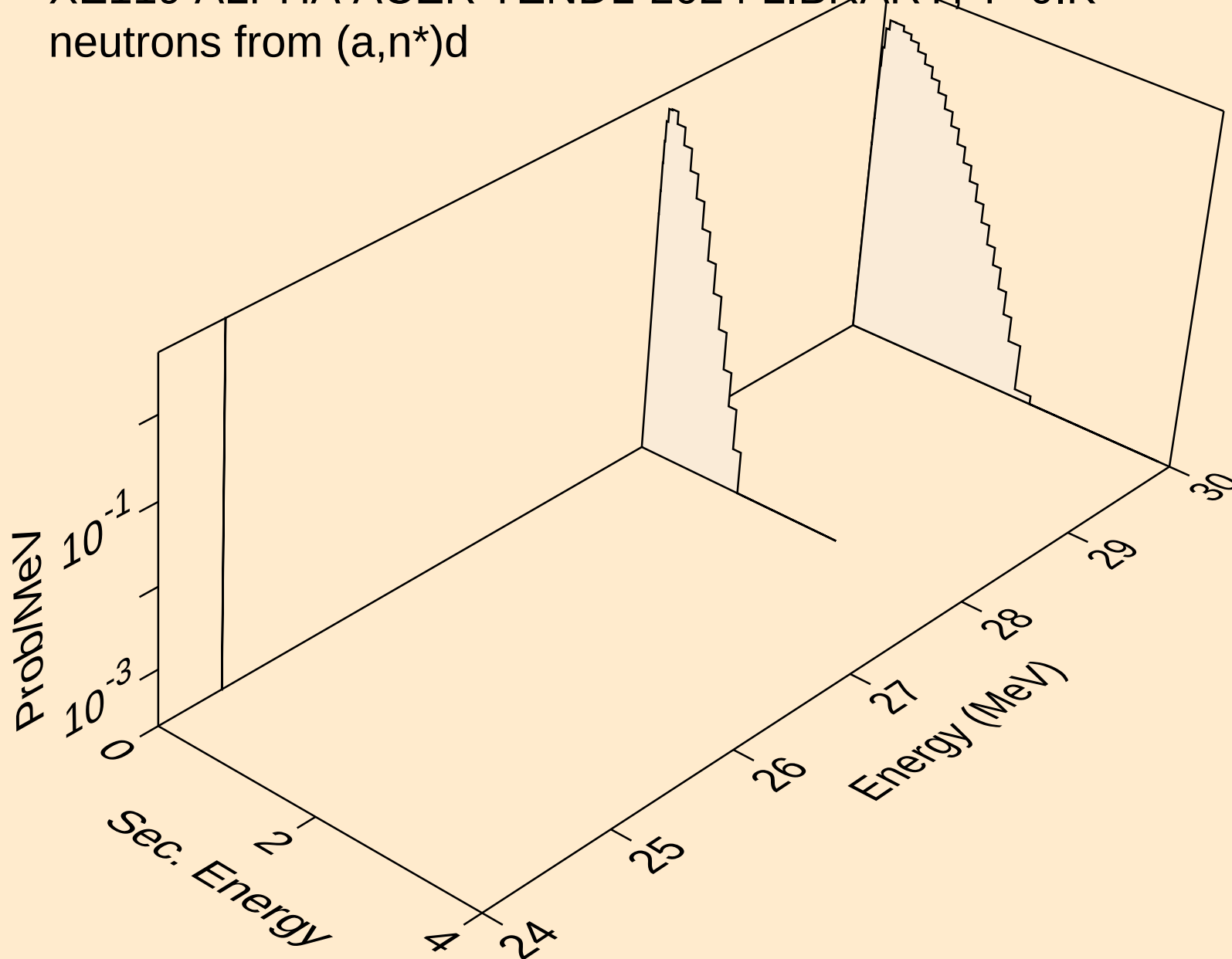
XE119 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,n*)p



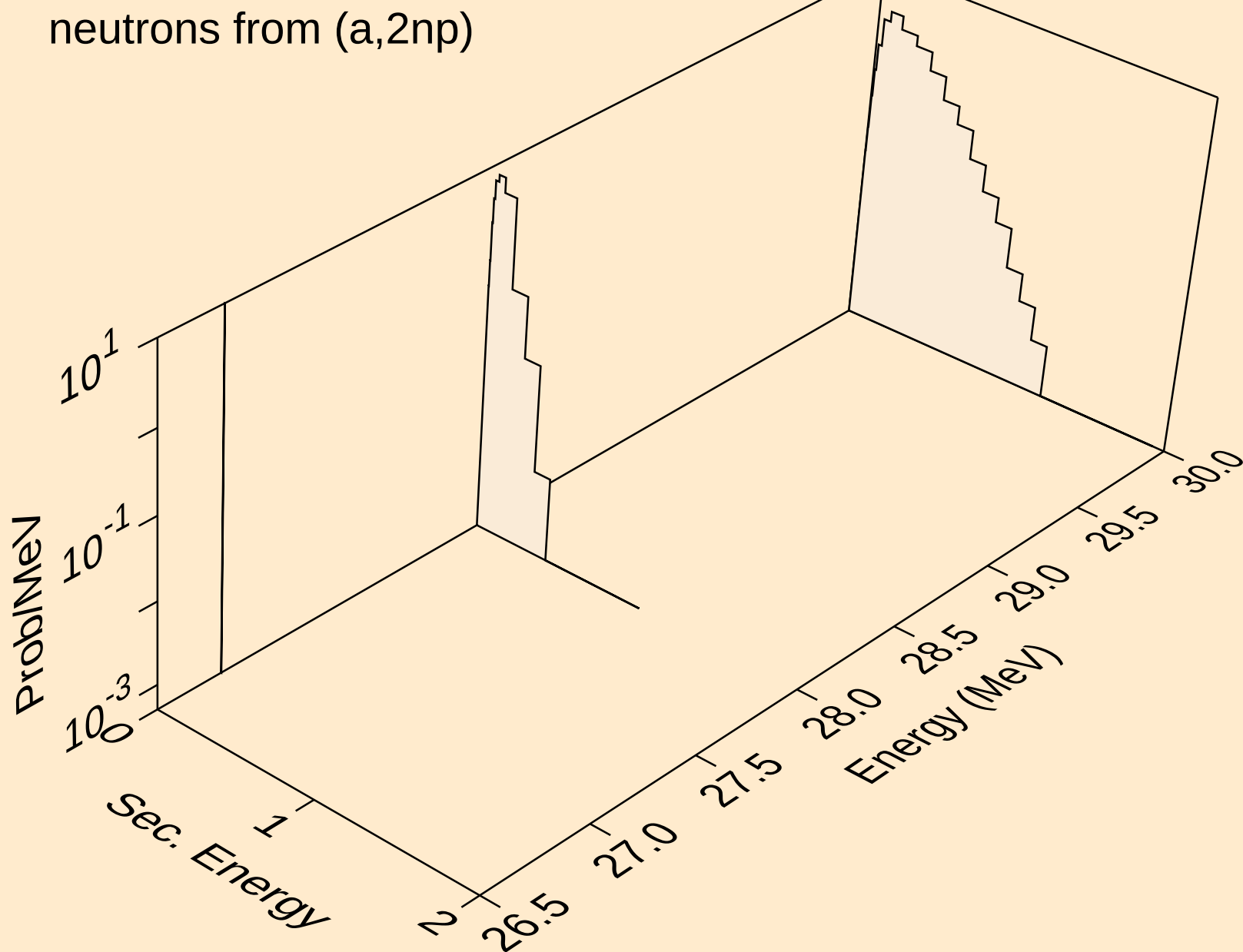
XE119 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,n*)2a



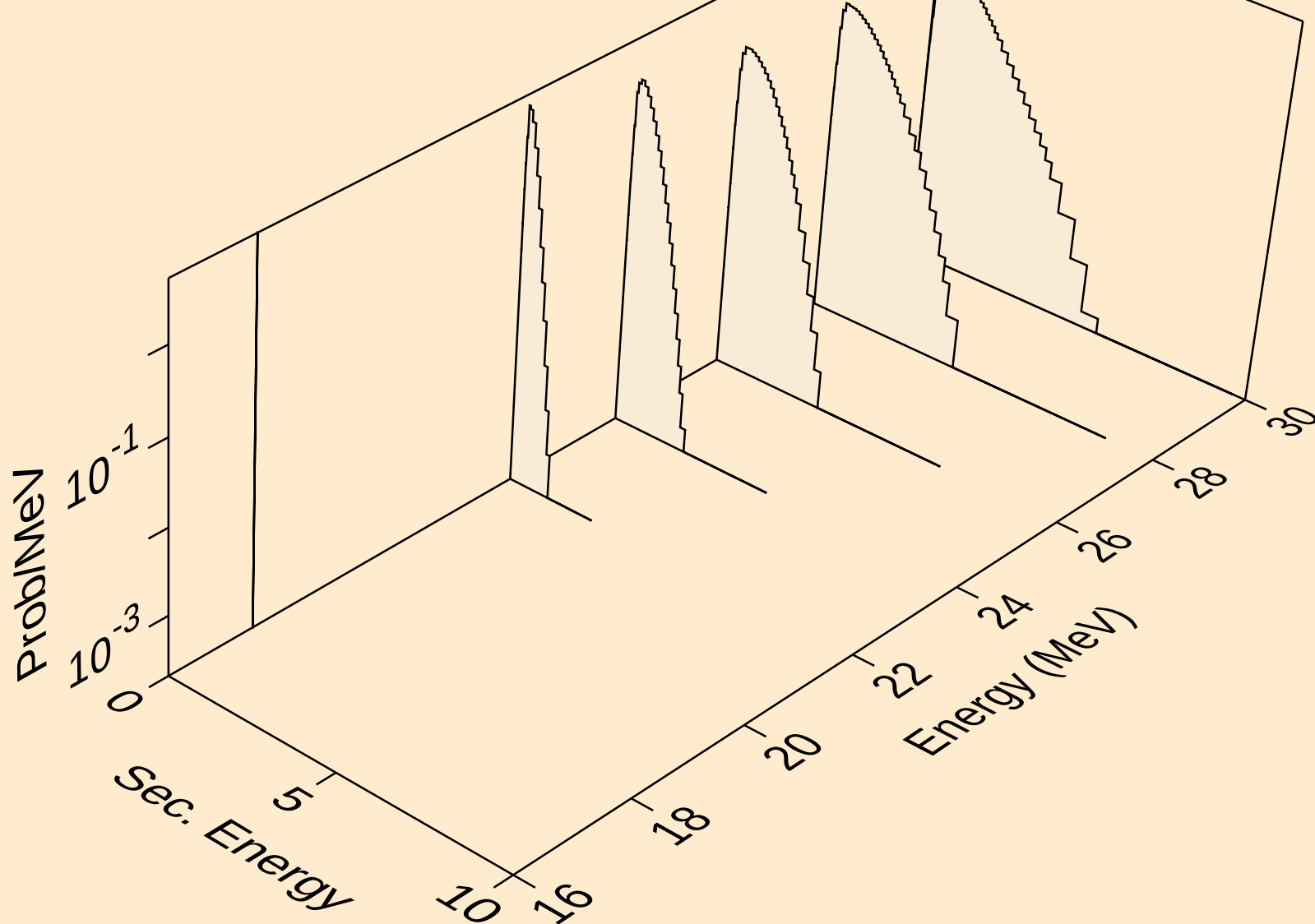
XE119 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,n*)d



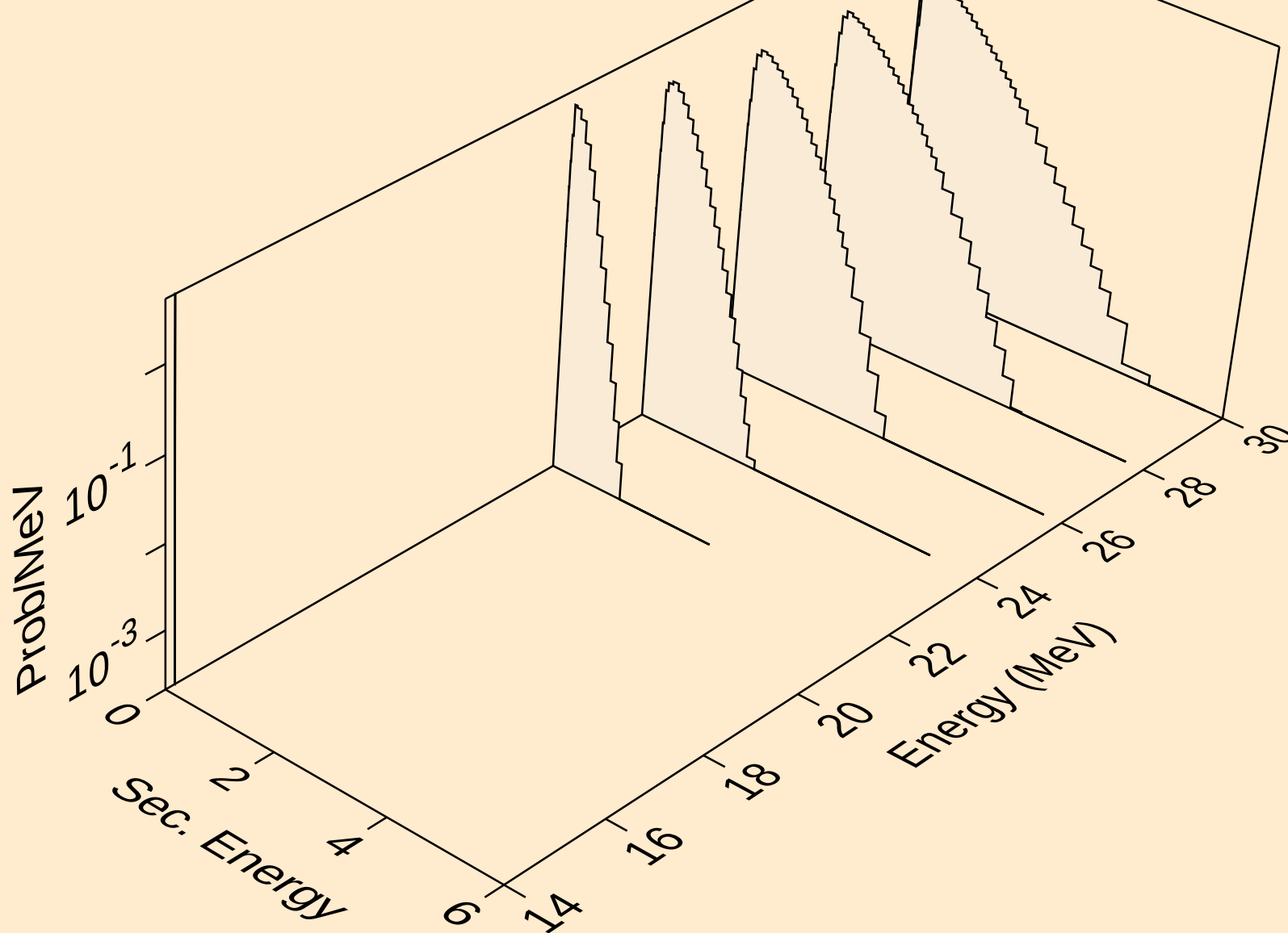
XE119 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,2np)



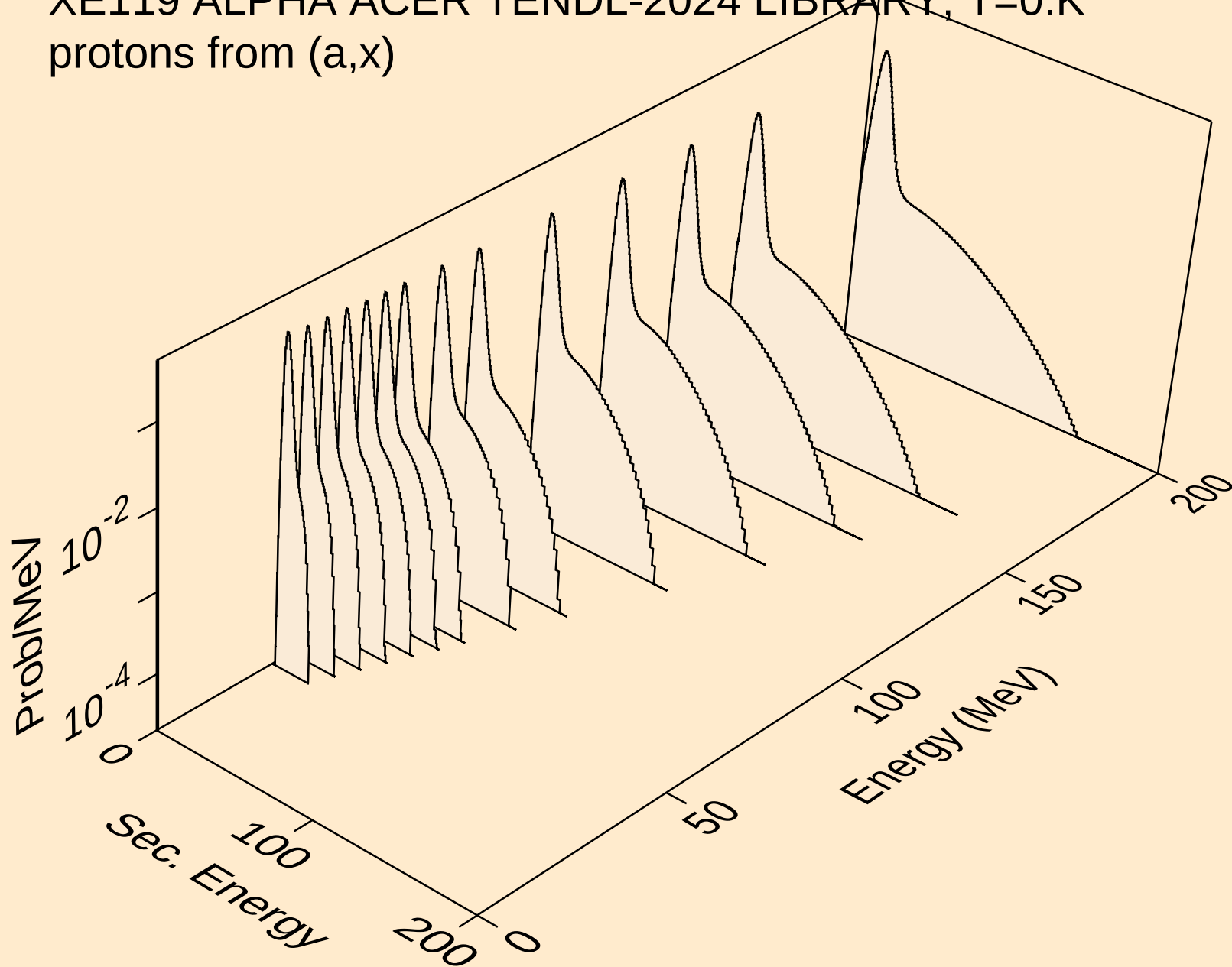
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neutrons from (a,n2p)



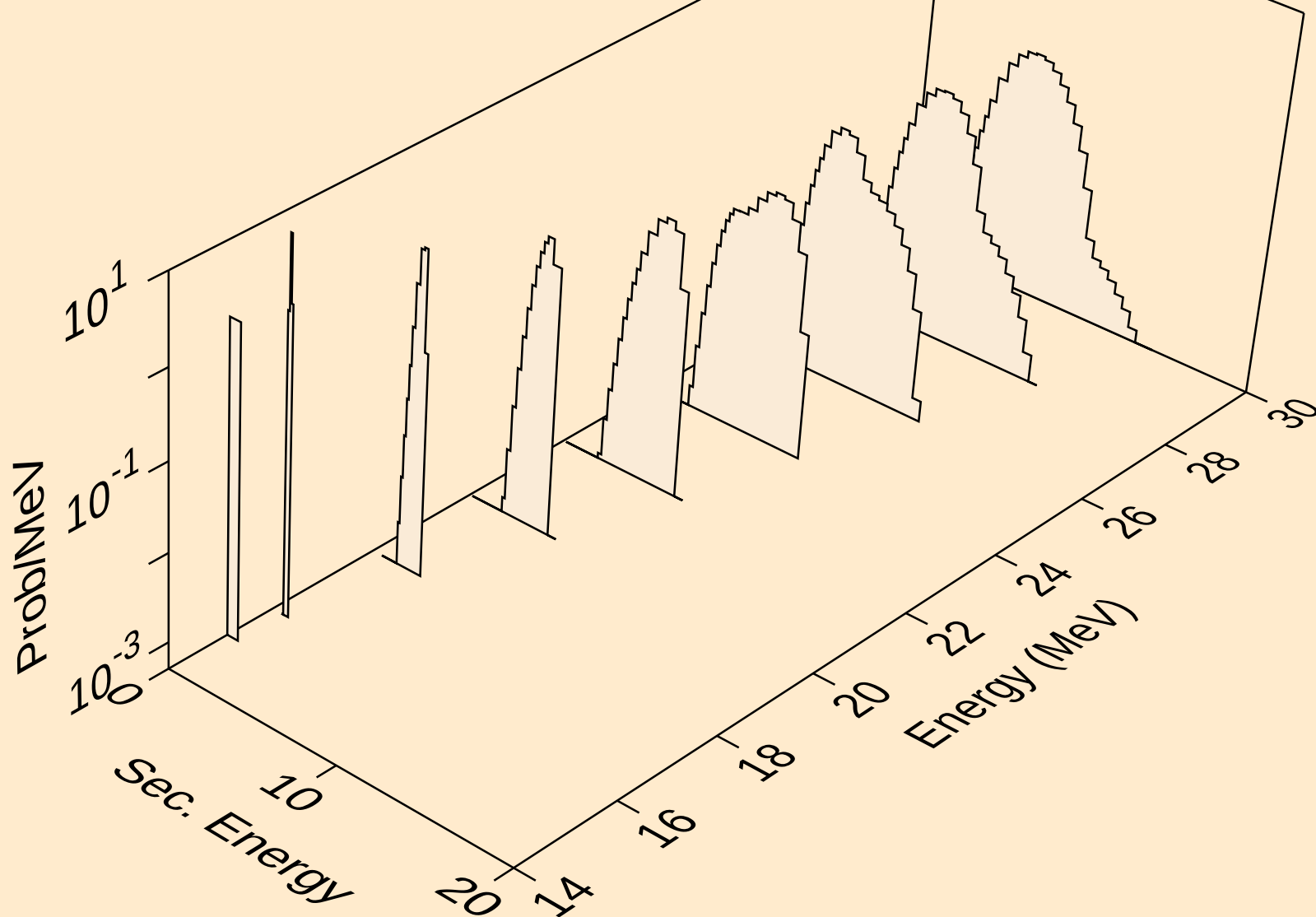
XE119 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,npa)



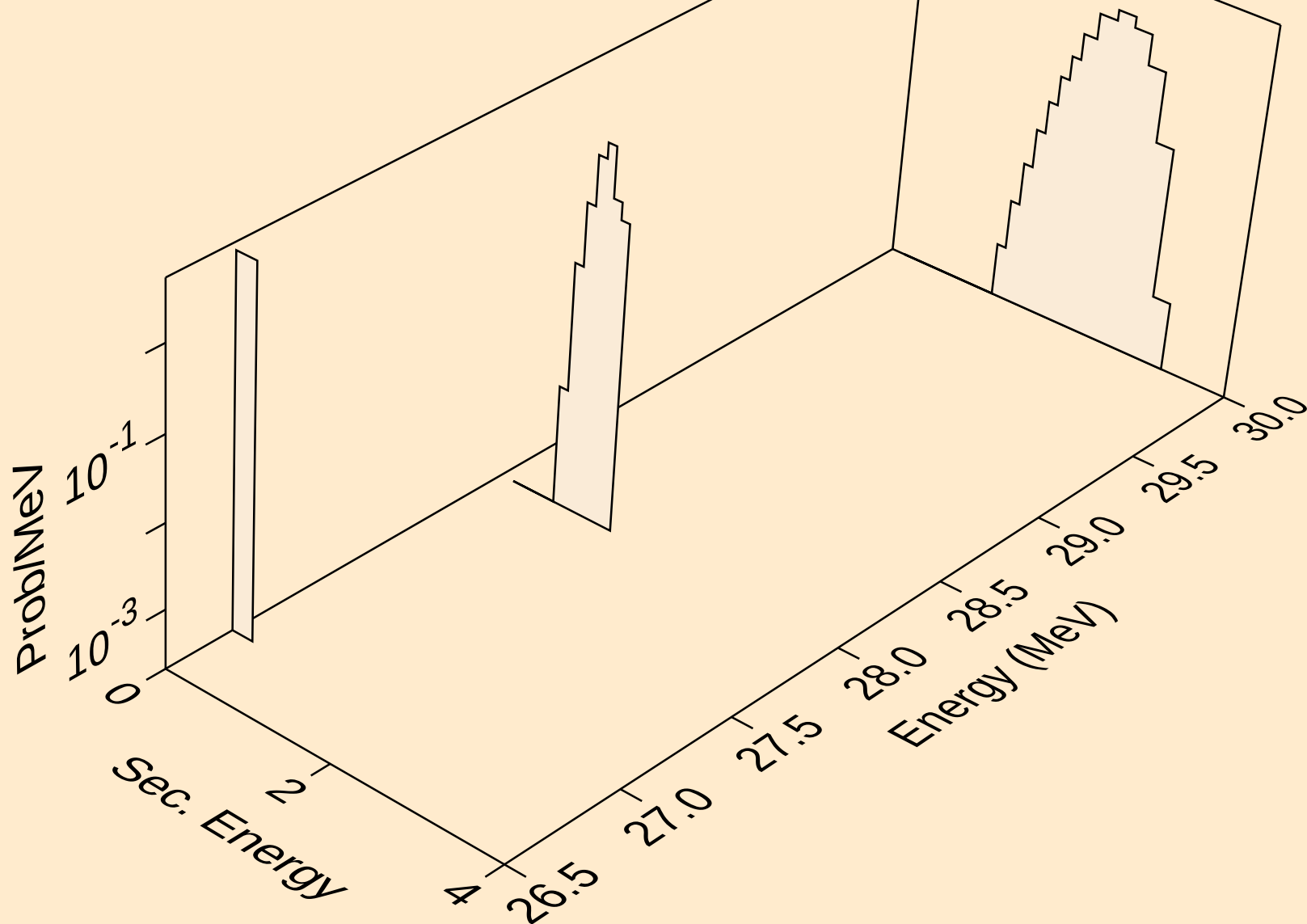
XE119 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
protons from (a,x)



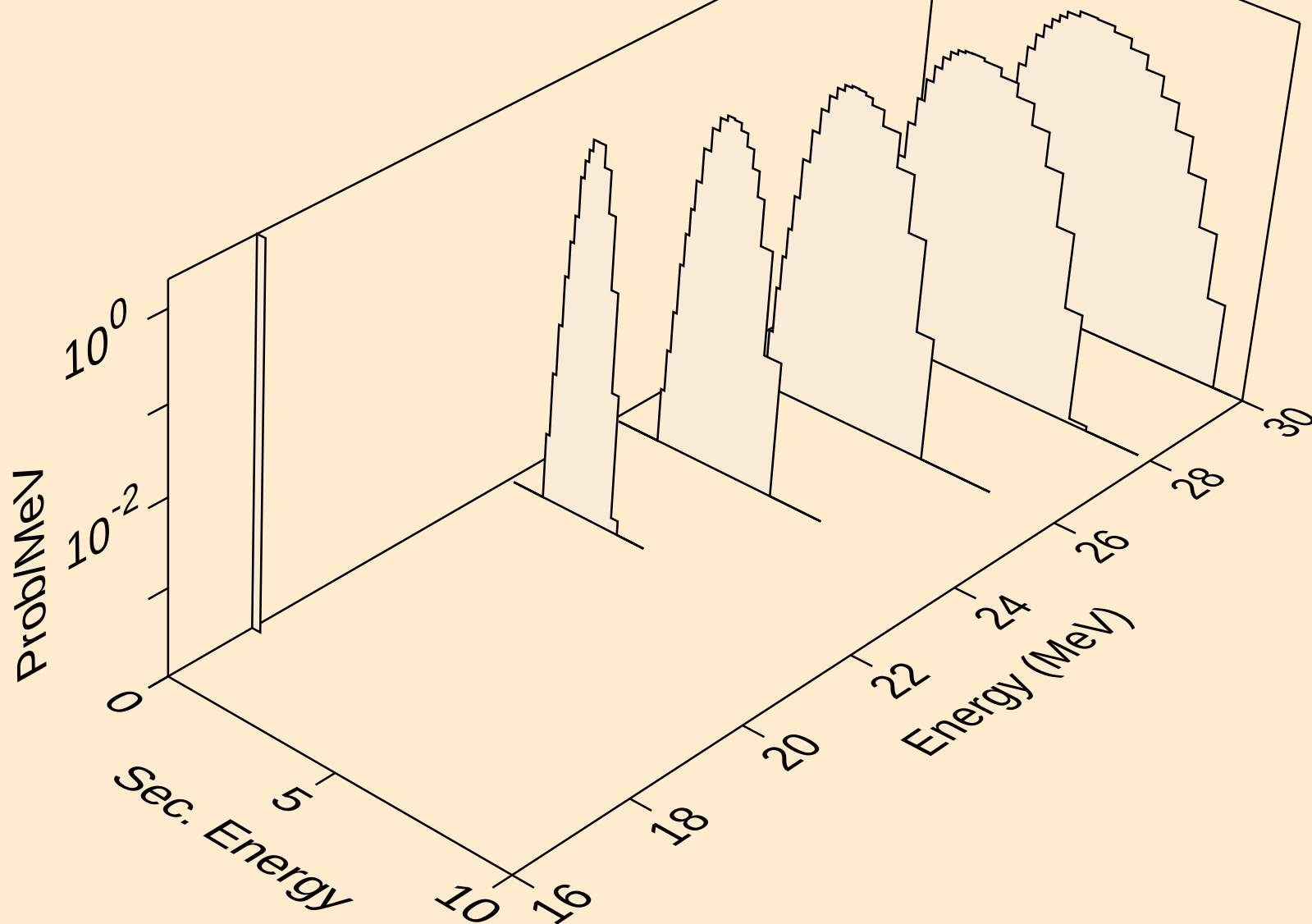
XE119 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
protons from (a,n*)p



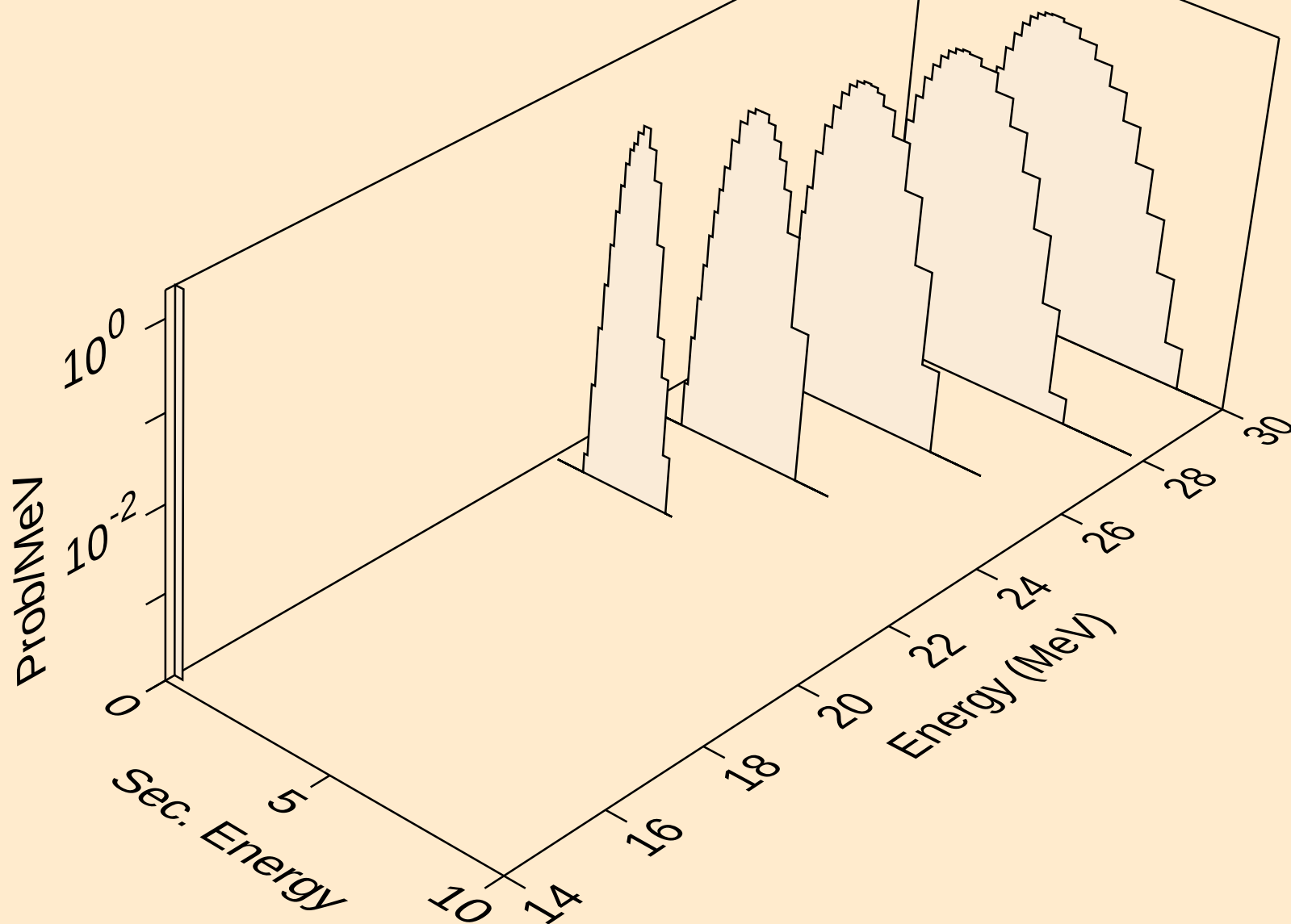
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protons from (a,2np)



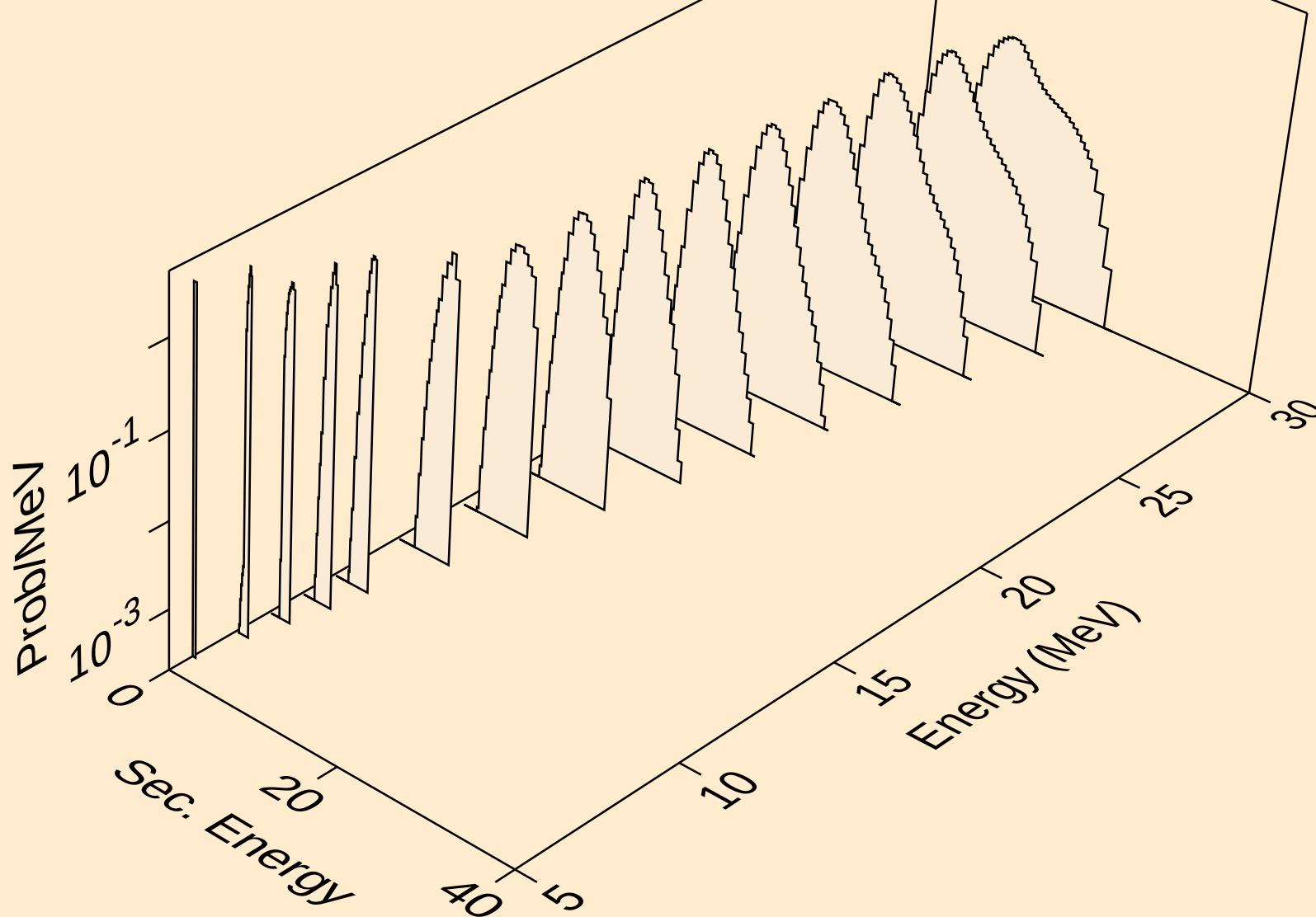
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protons from (a,n2p)



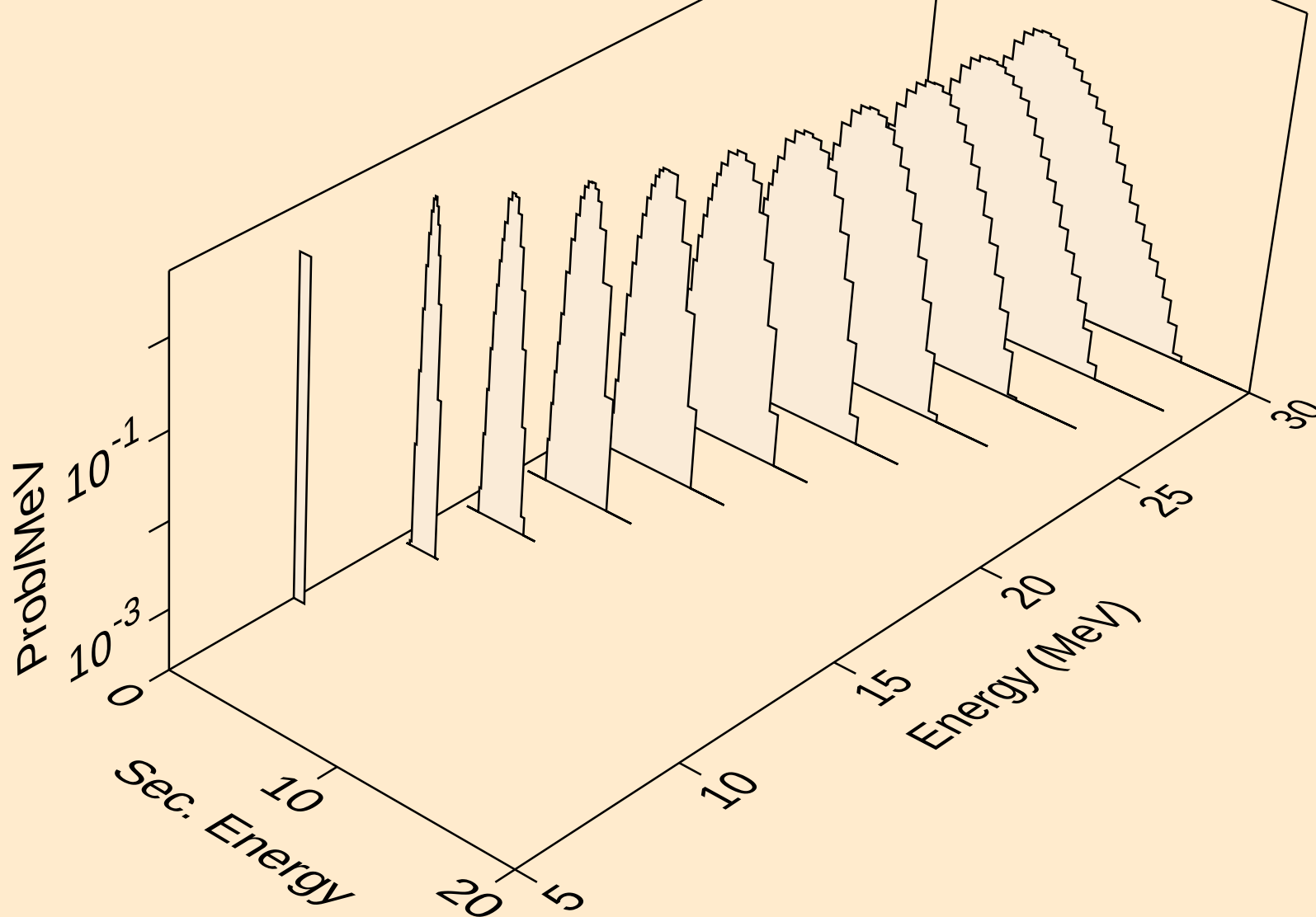
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protons from (a,npa)



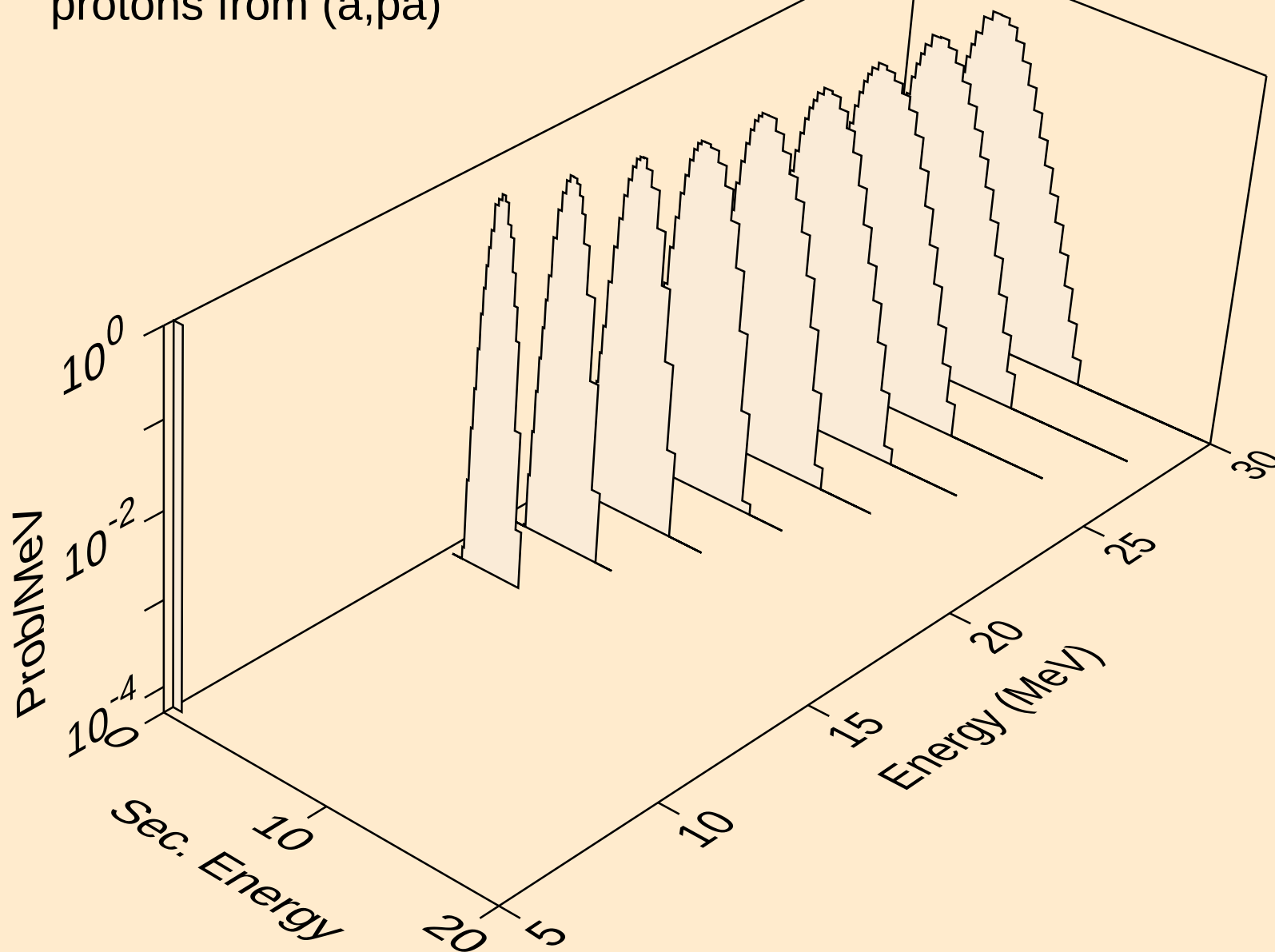
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protons from (a,p)



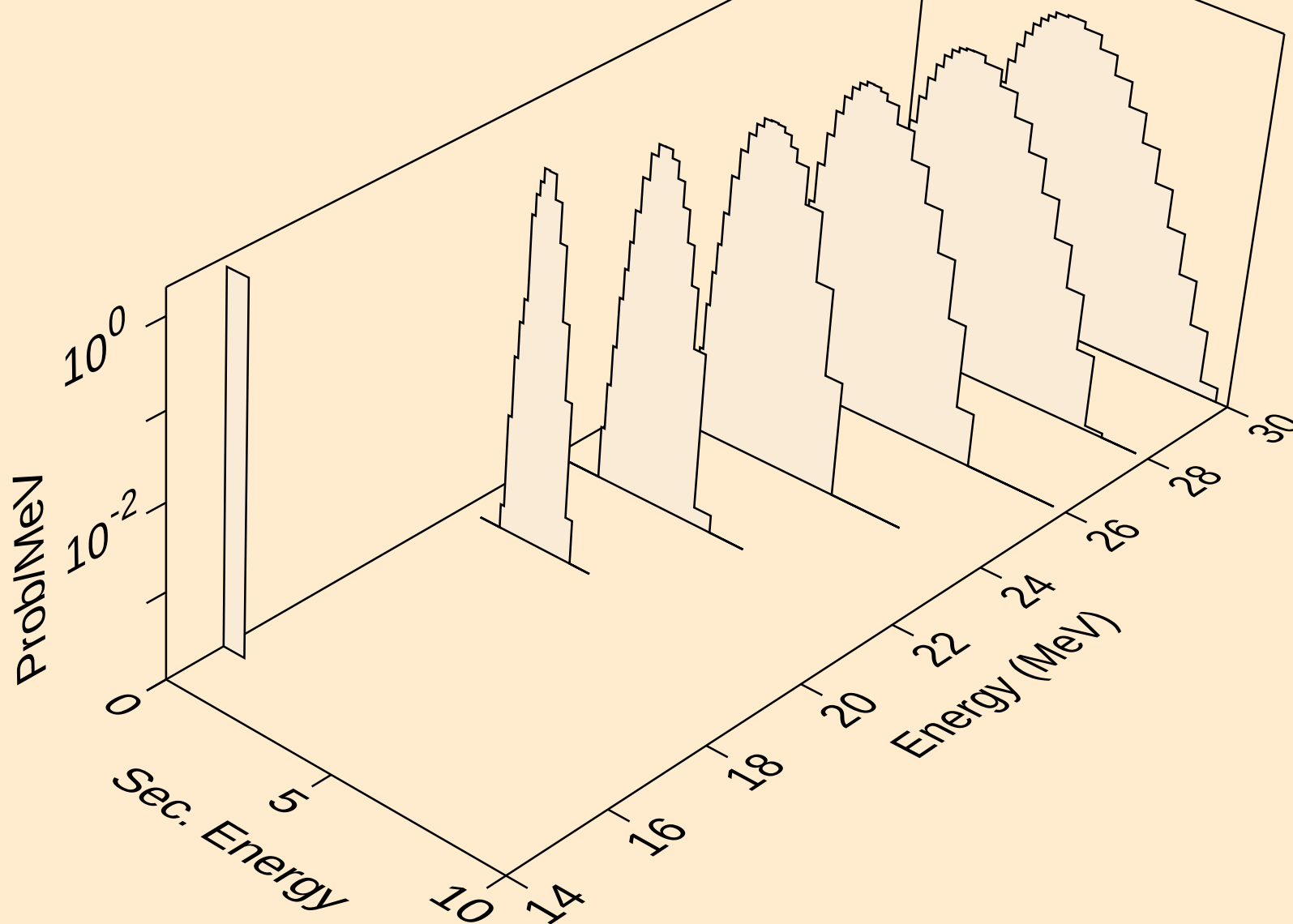
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protons from (a,2p)



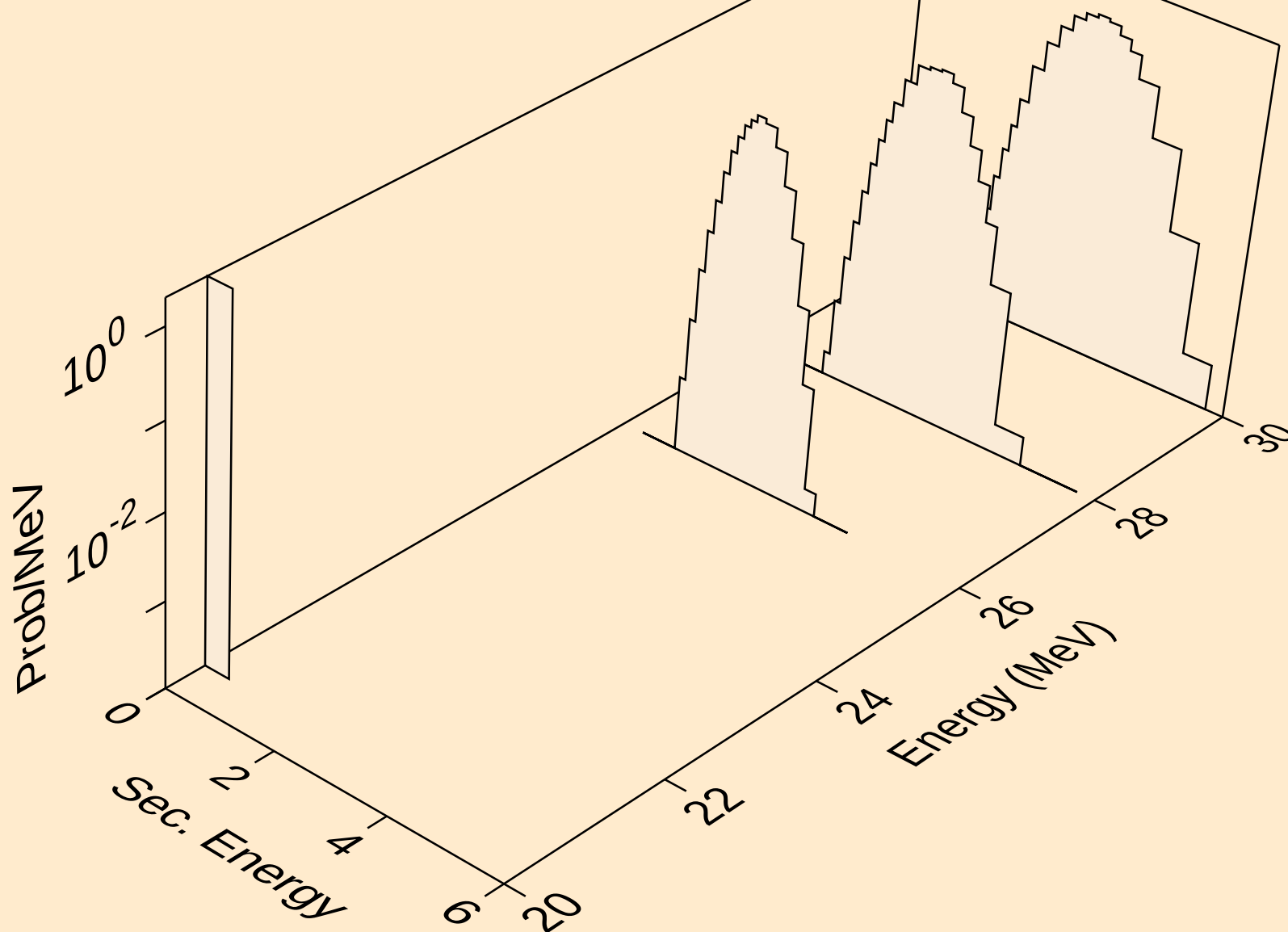
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protons from (a,pa)



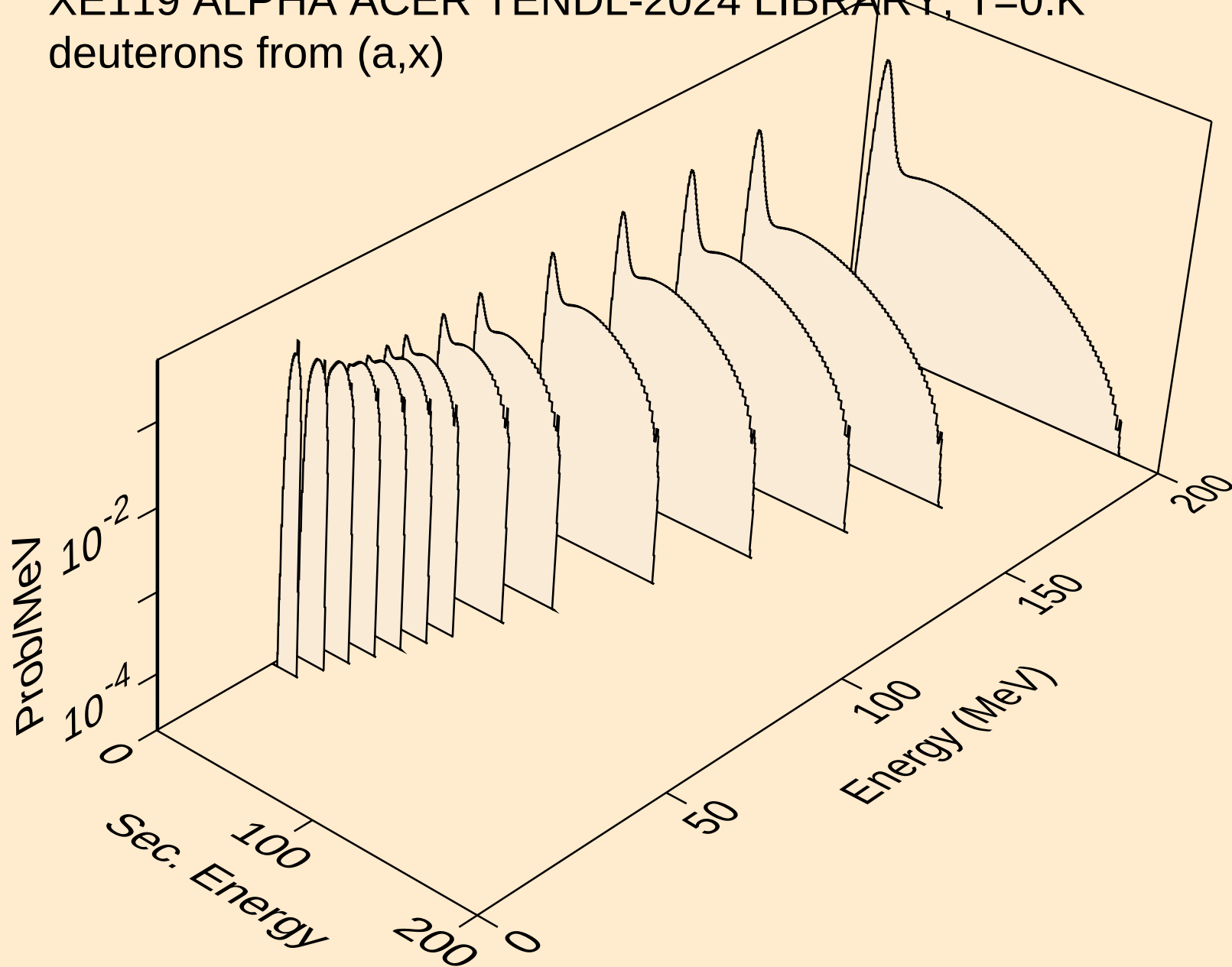
XE119 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
protons from (a,pd)



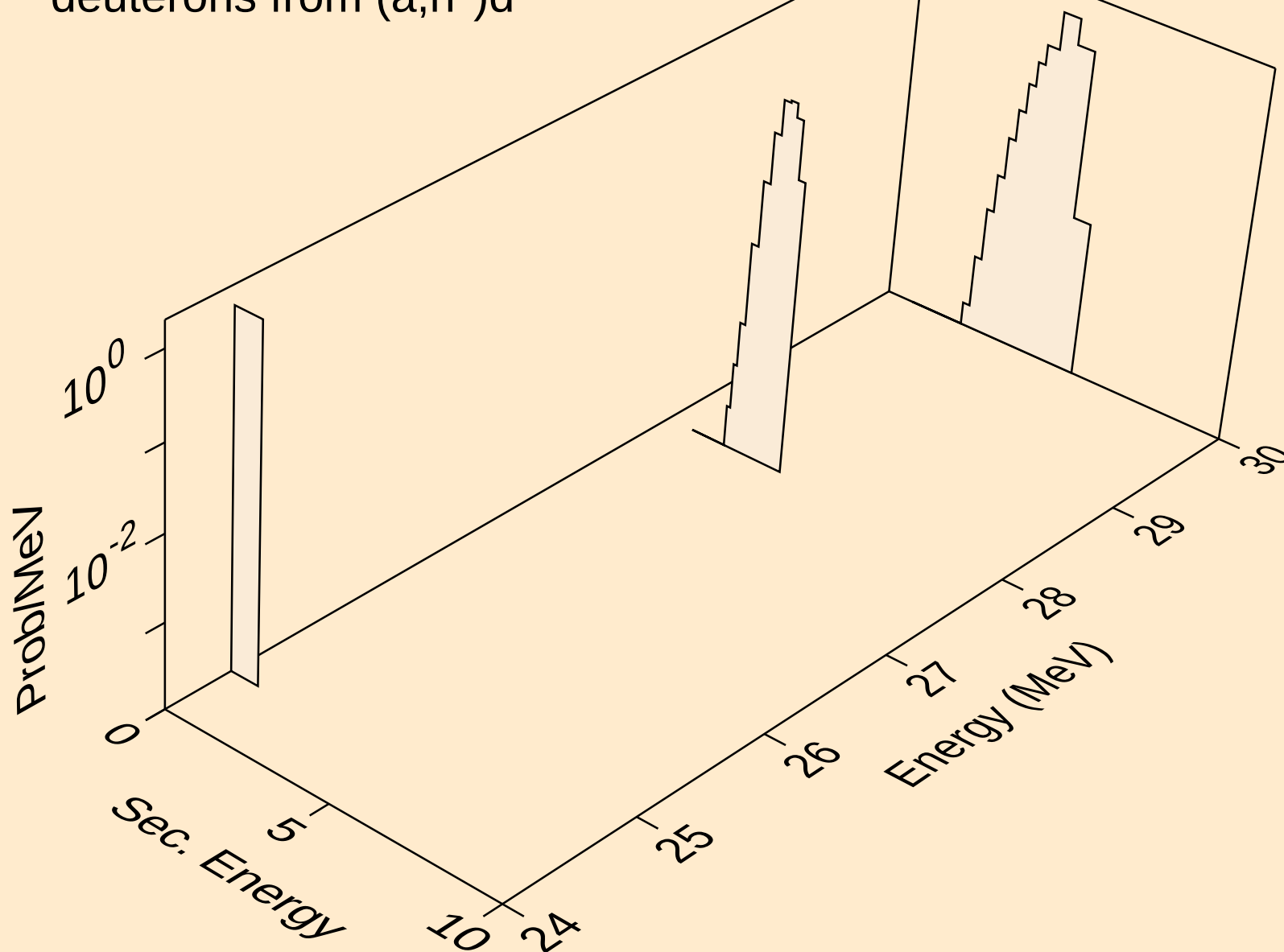
XE119 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
protons from (a,pt)



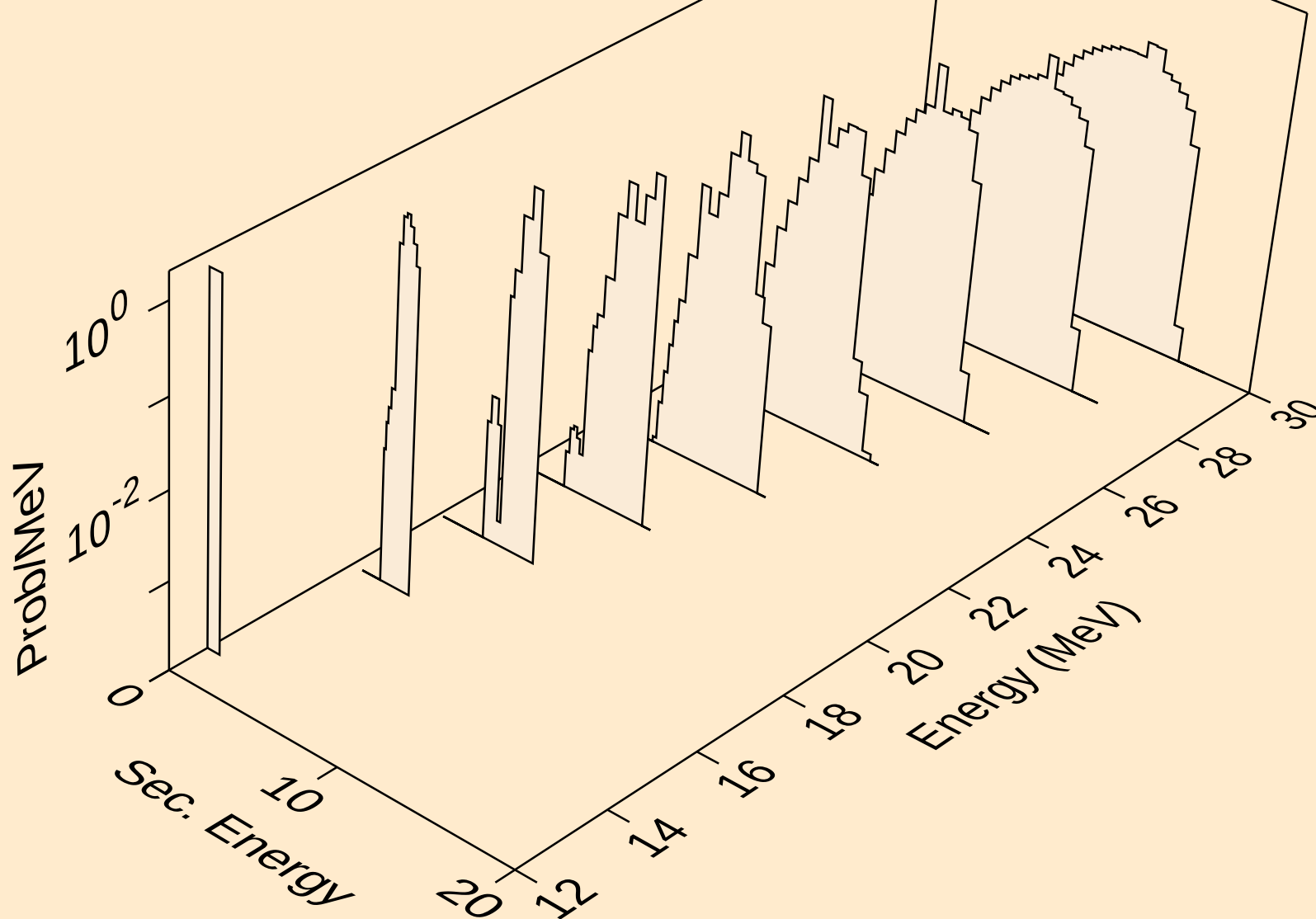
XE119 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (a,x)



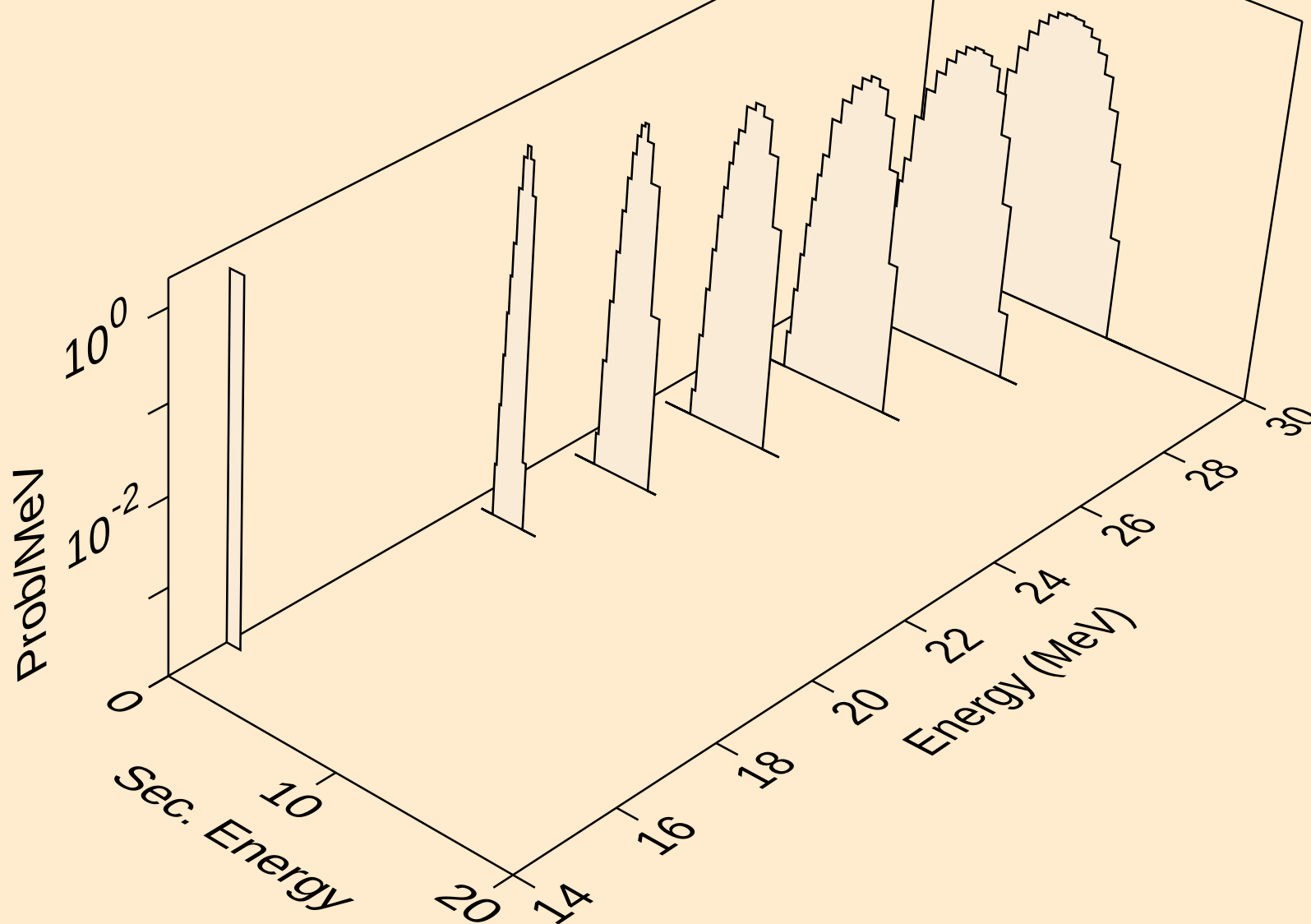
XE119 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (a,n*)d



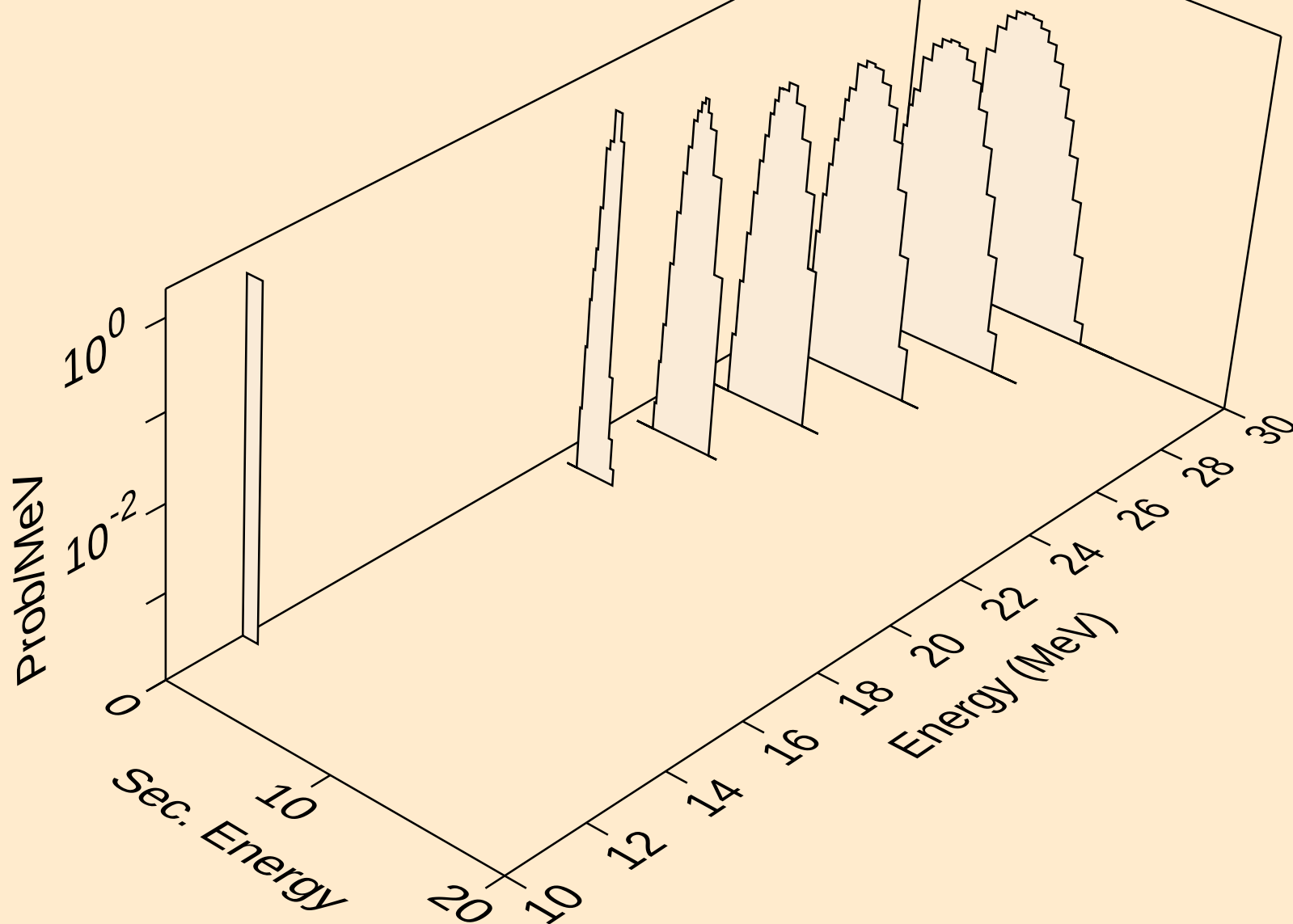
XE119 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (a,d)



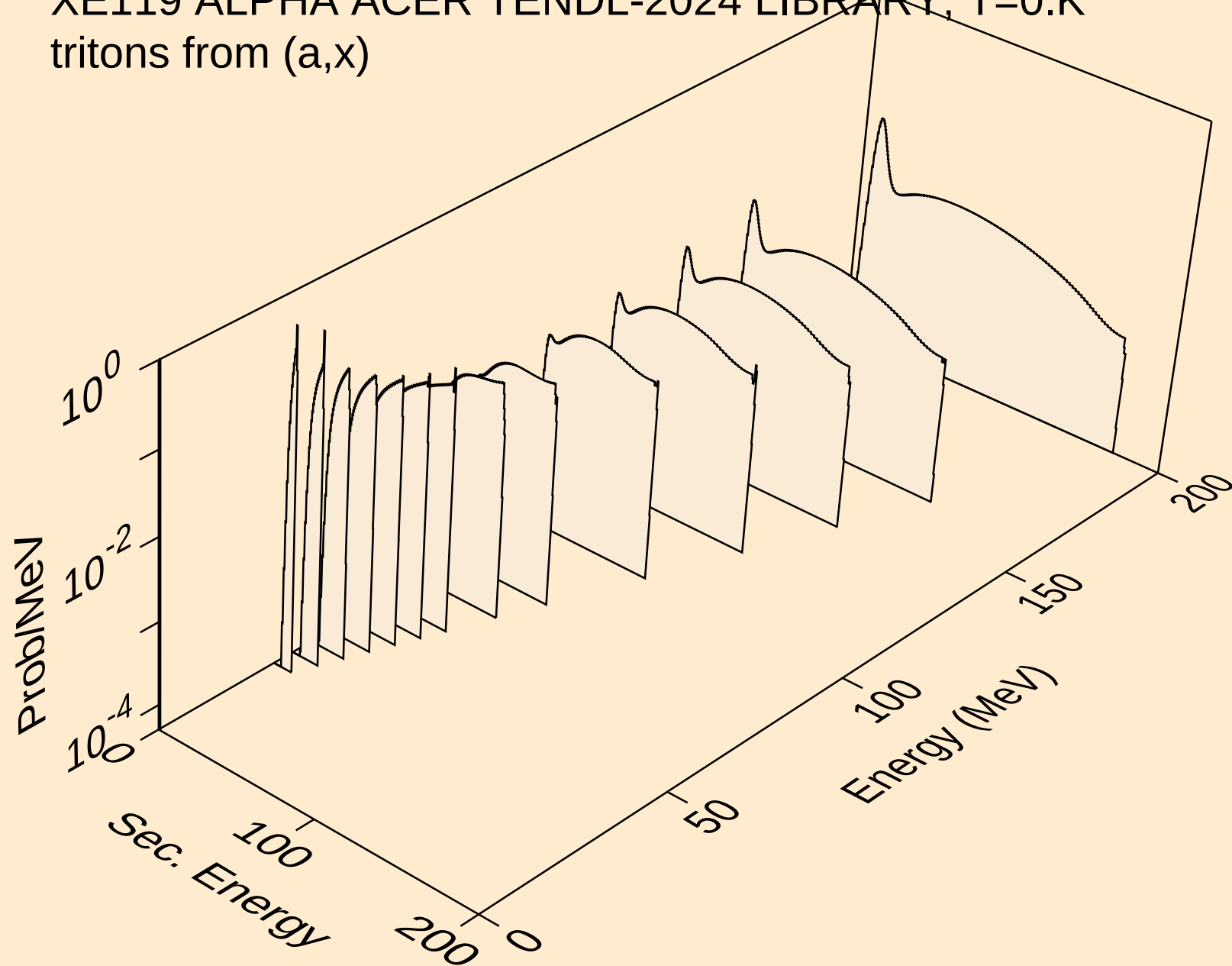
XE119 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (a,pd)



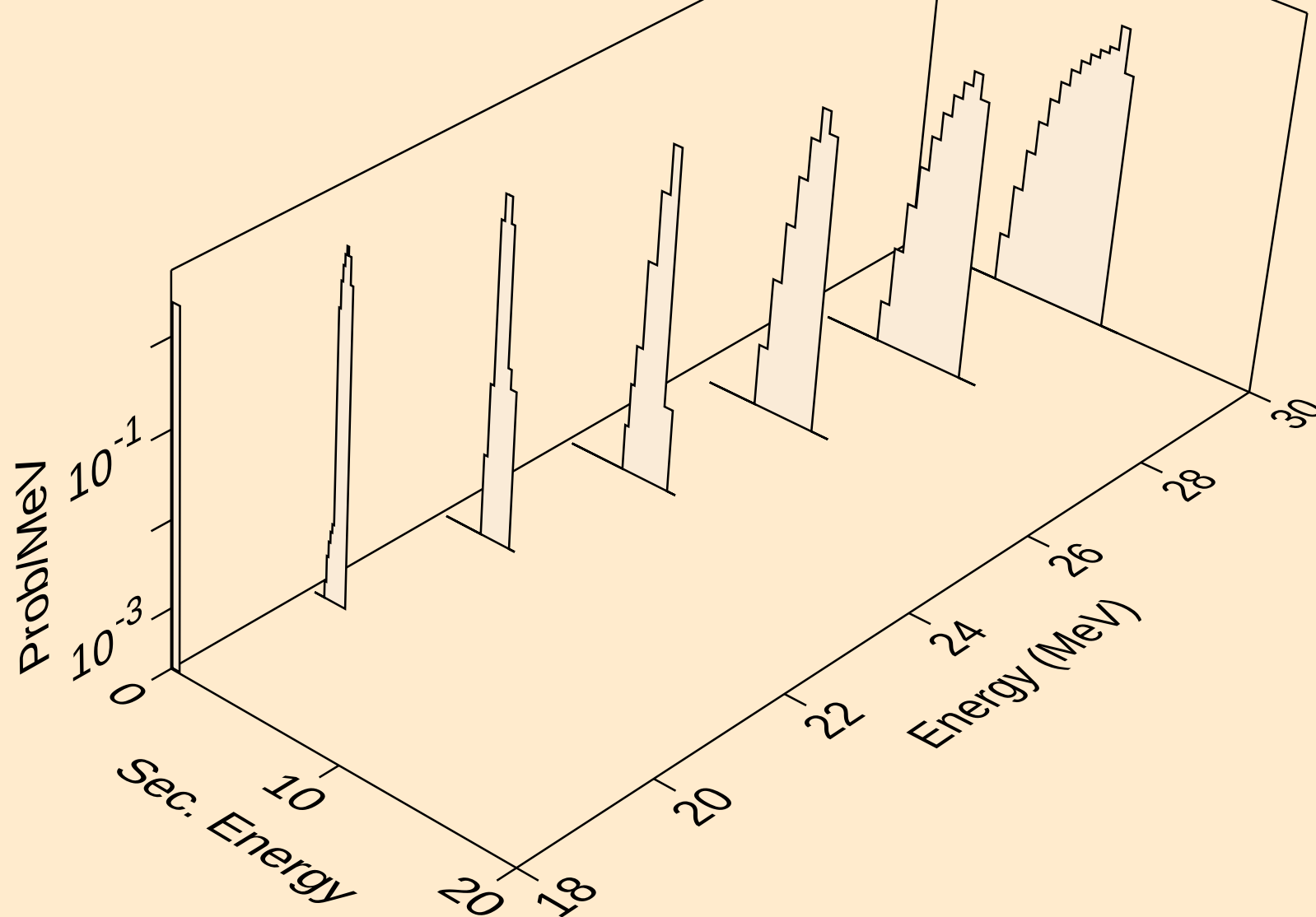
XE119 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (a,da)



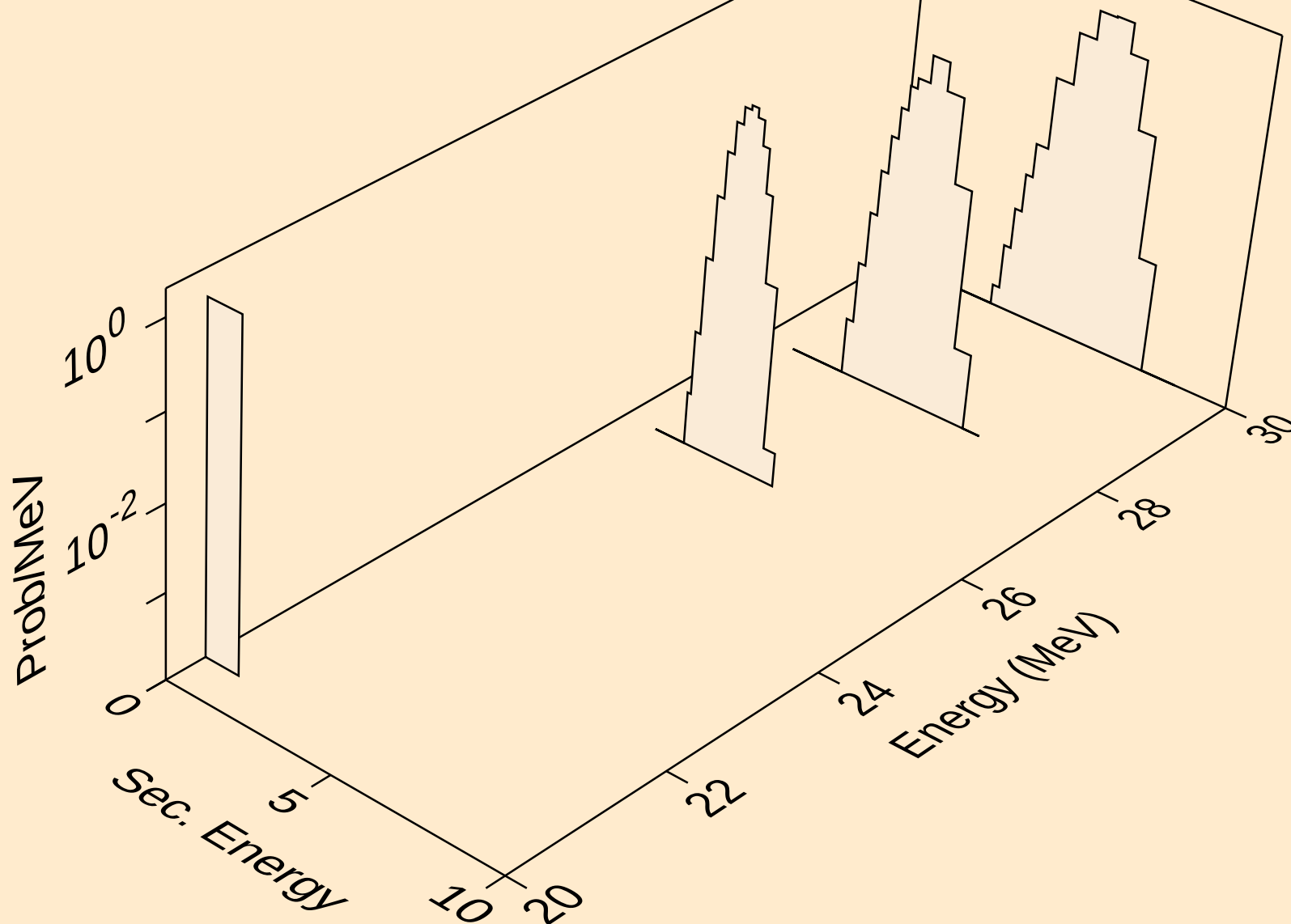
XE119 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
tritons from (a,x)



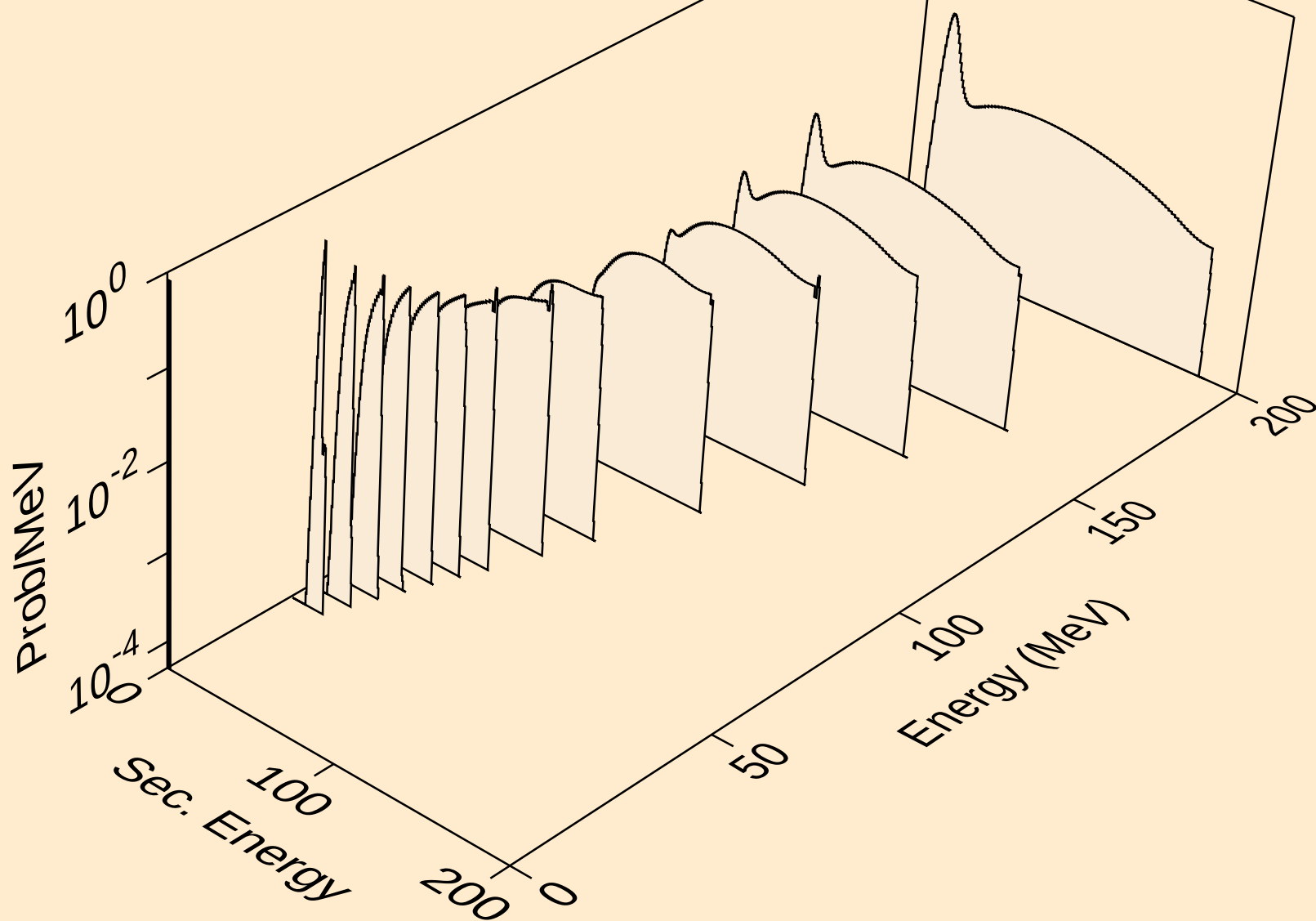
XE119 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
tritons from (a,t)



XE119 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
tritons from (a,pt)



XE119 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
he3s from (a,x)



XE119 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
he3s from (a,he3)

