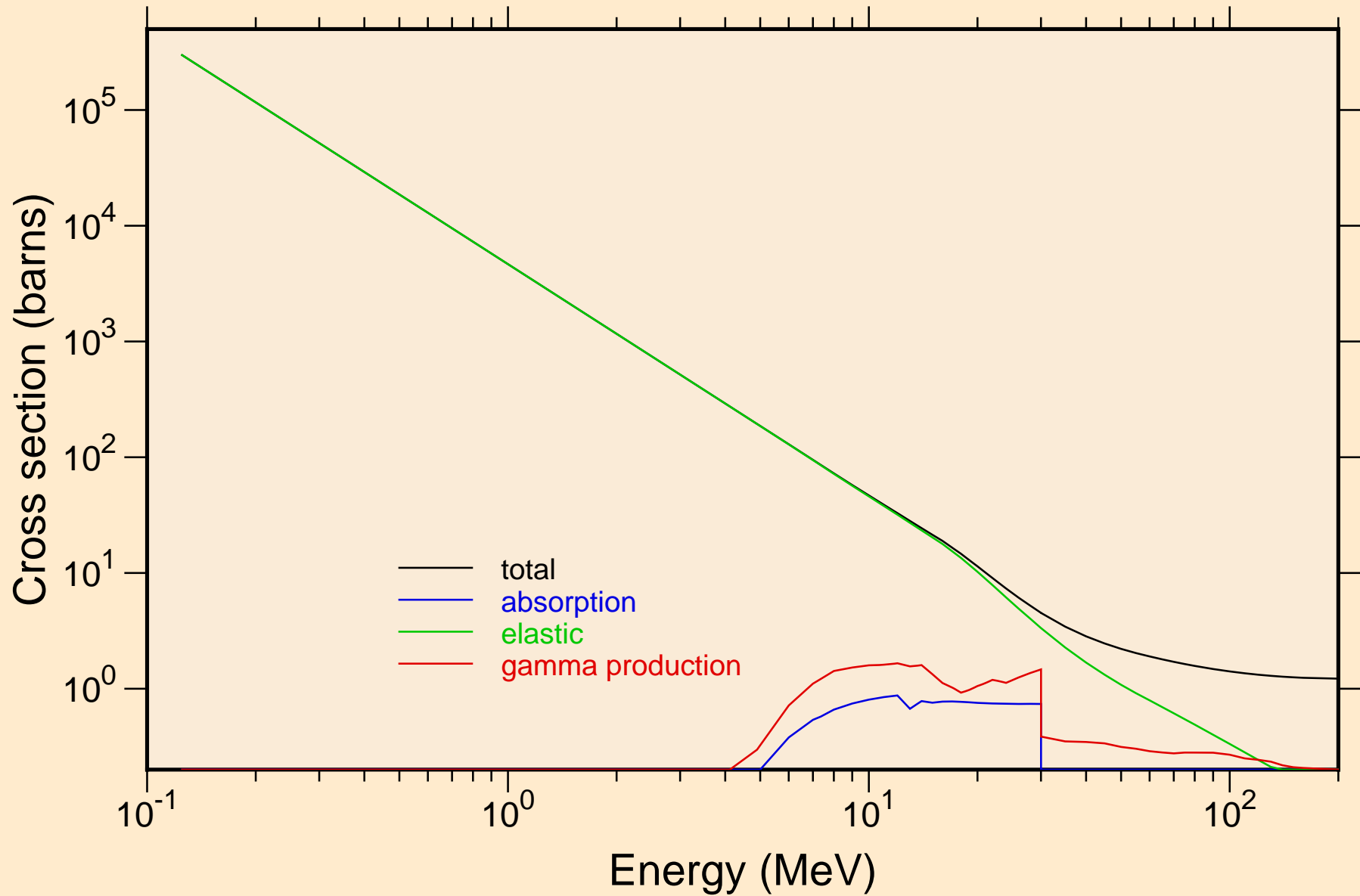
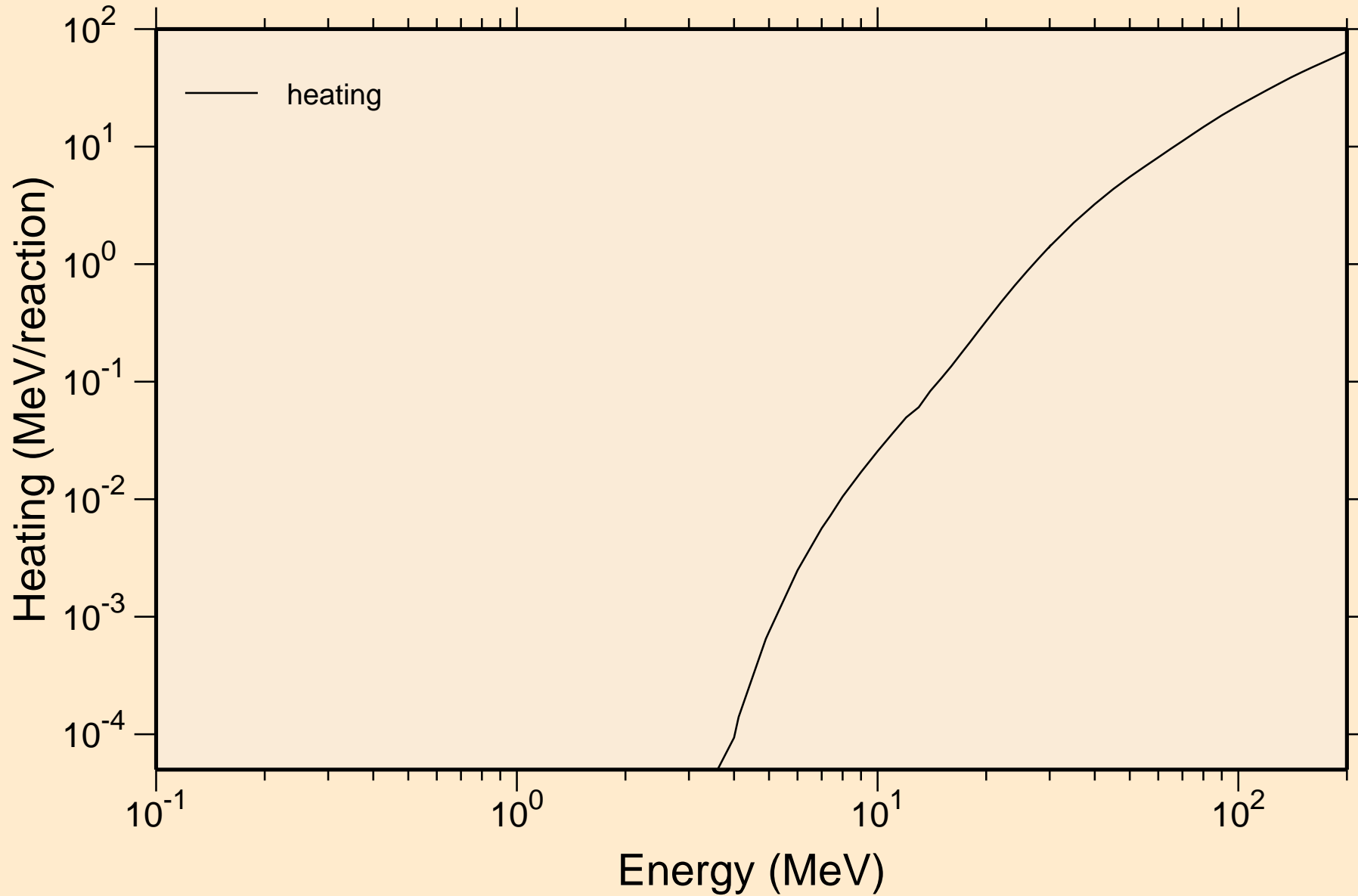


MG027 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



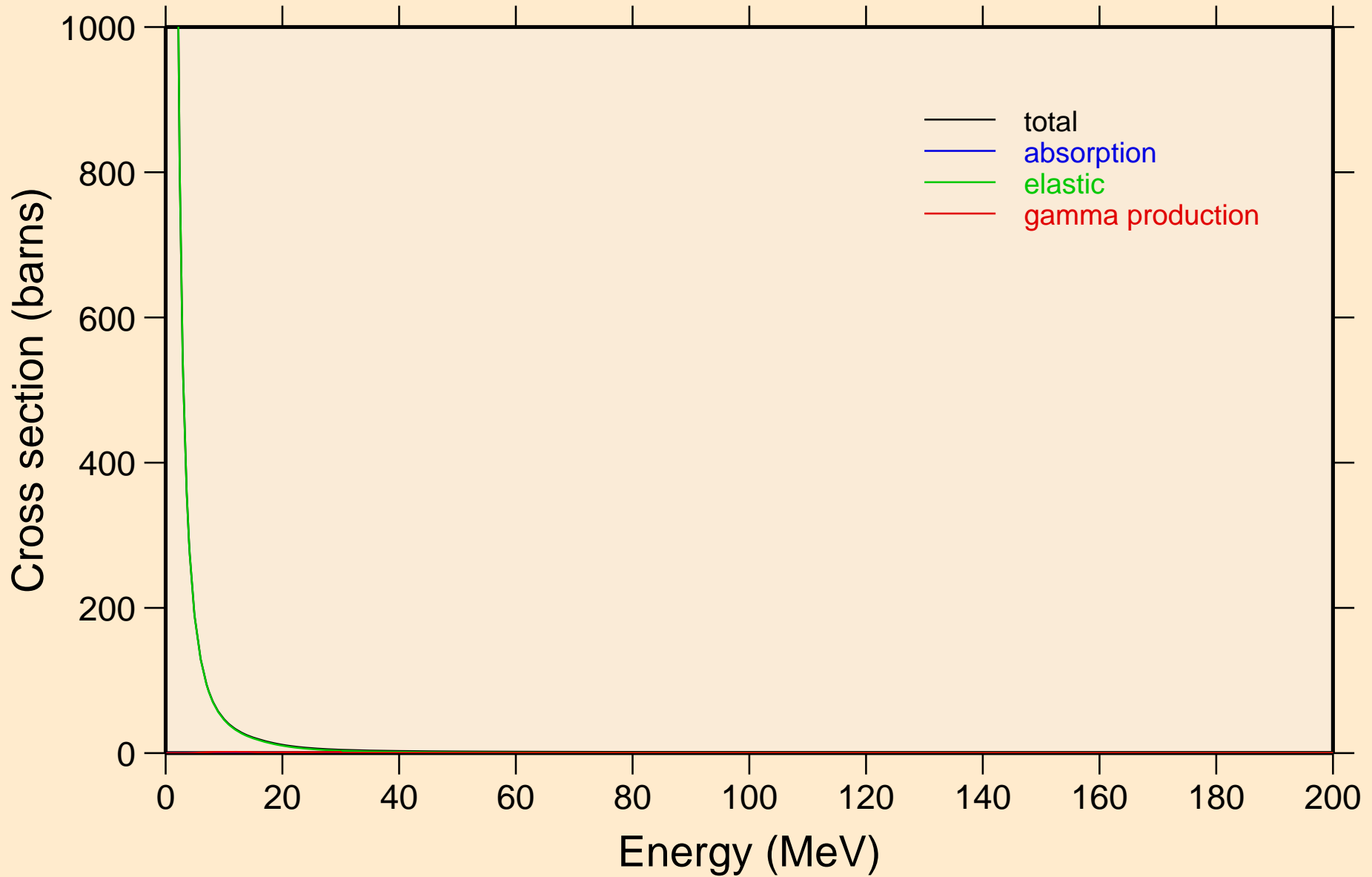
# MG027 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Heating



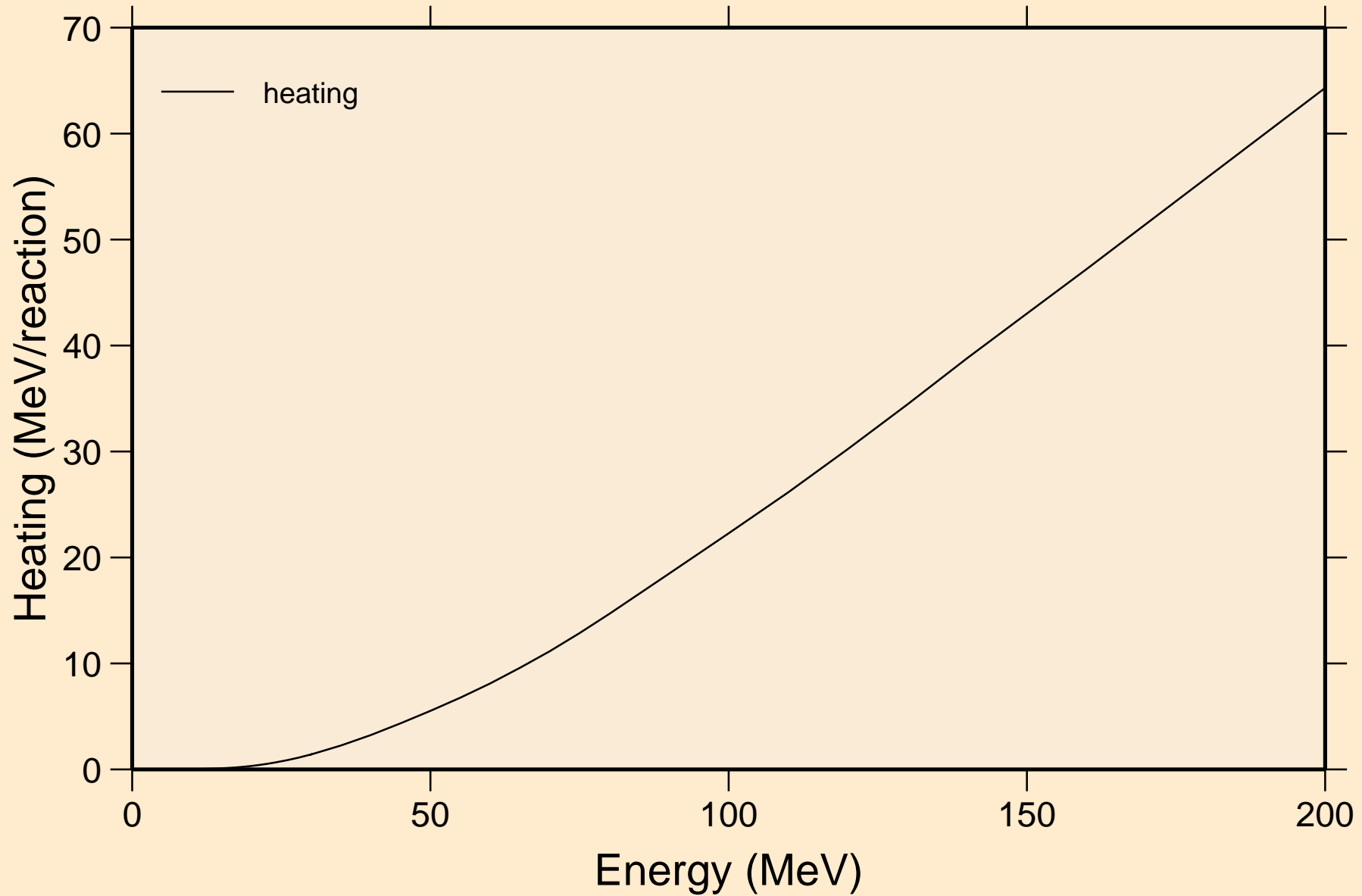
# MG027 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

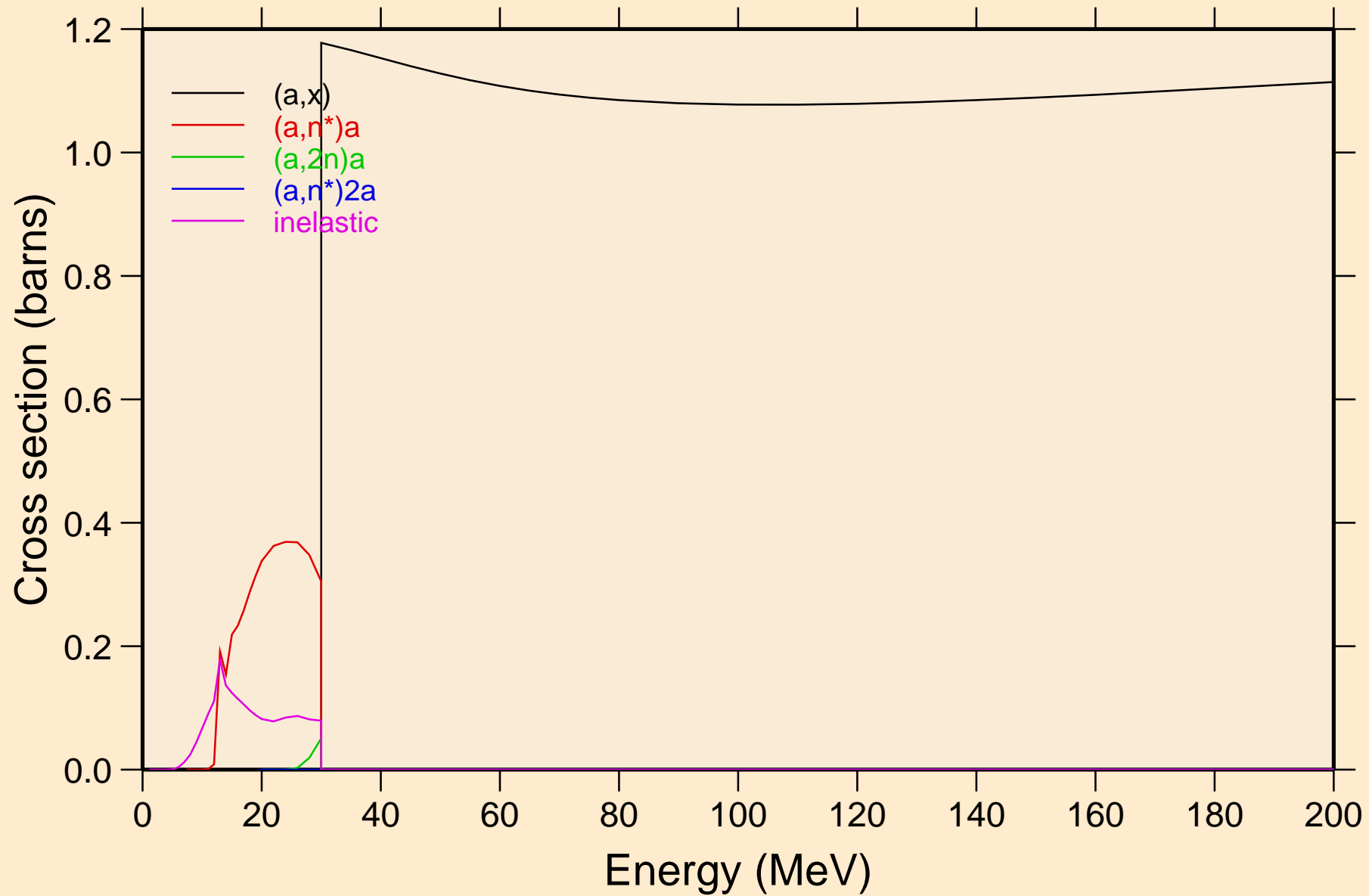


MG027 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

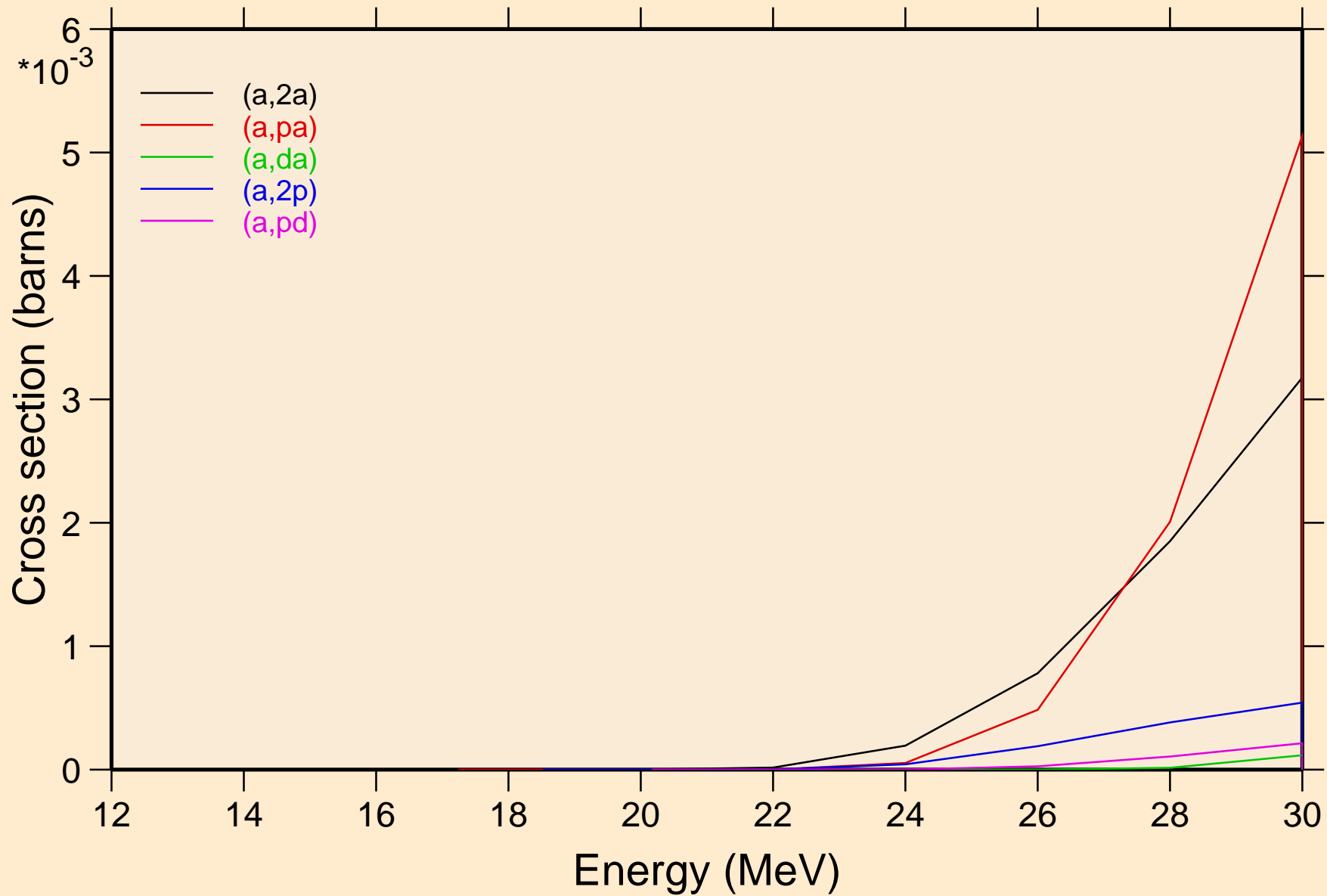
Heating



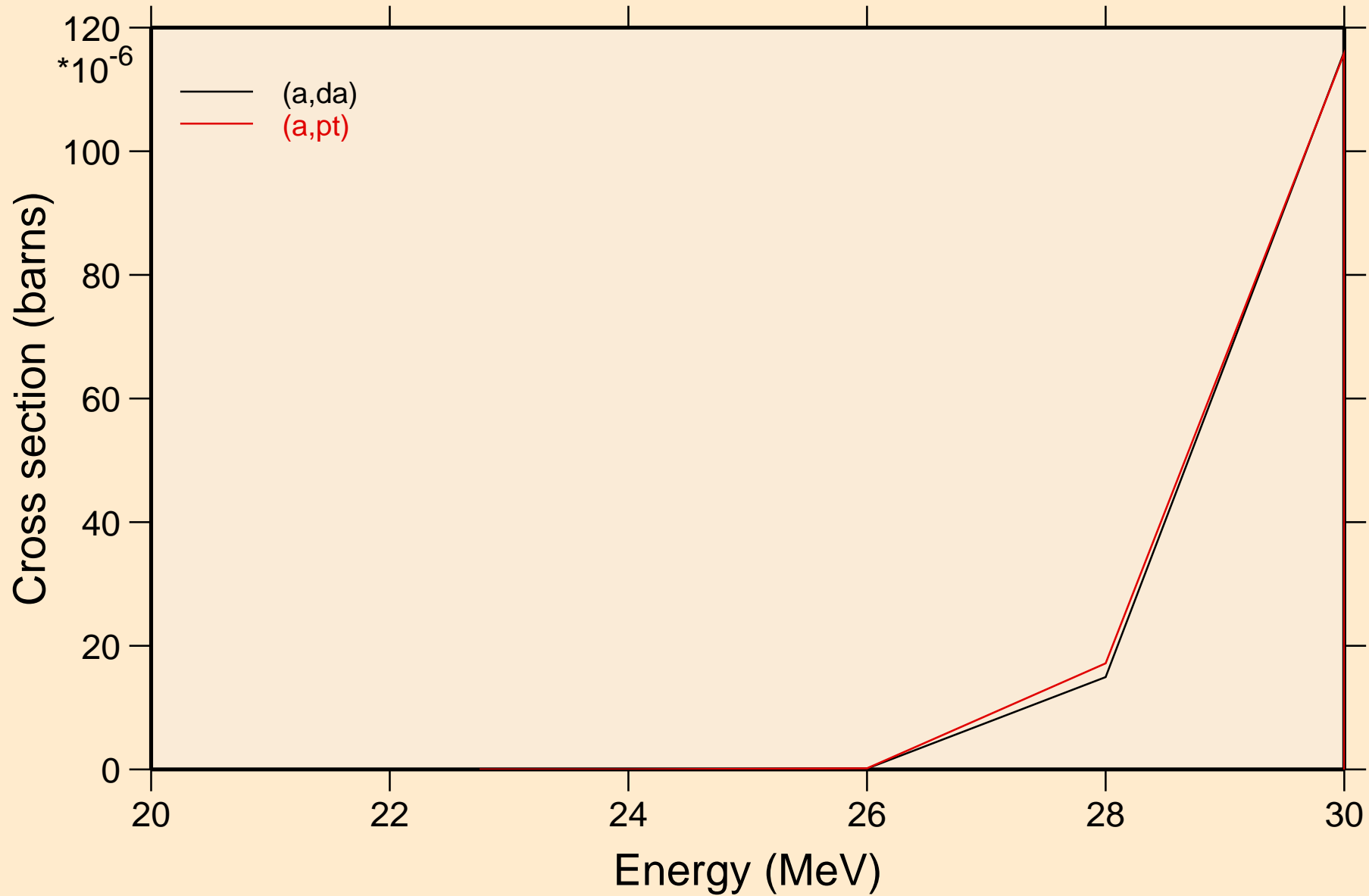
MG027 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



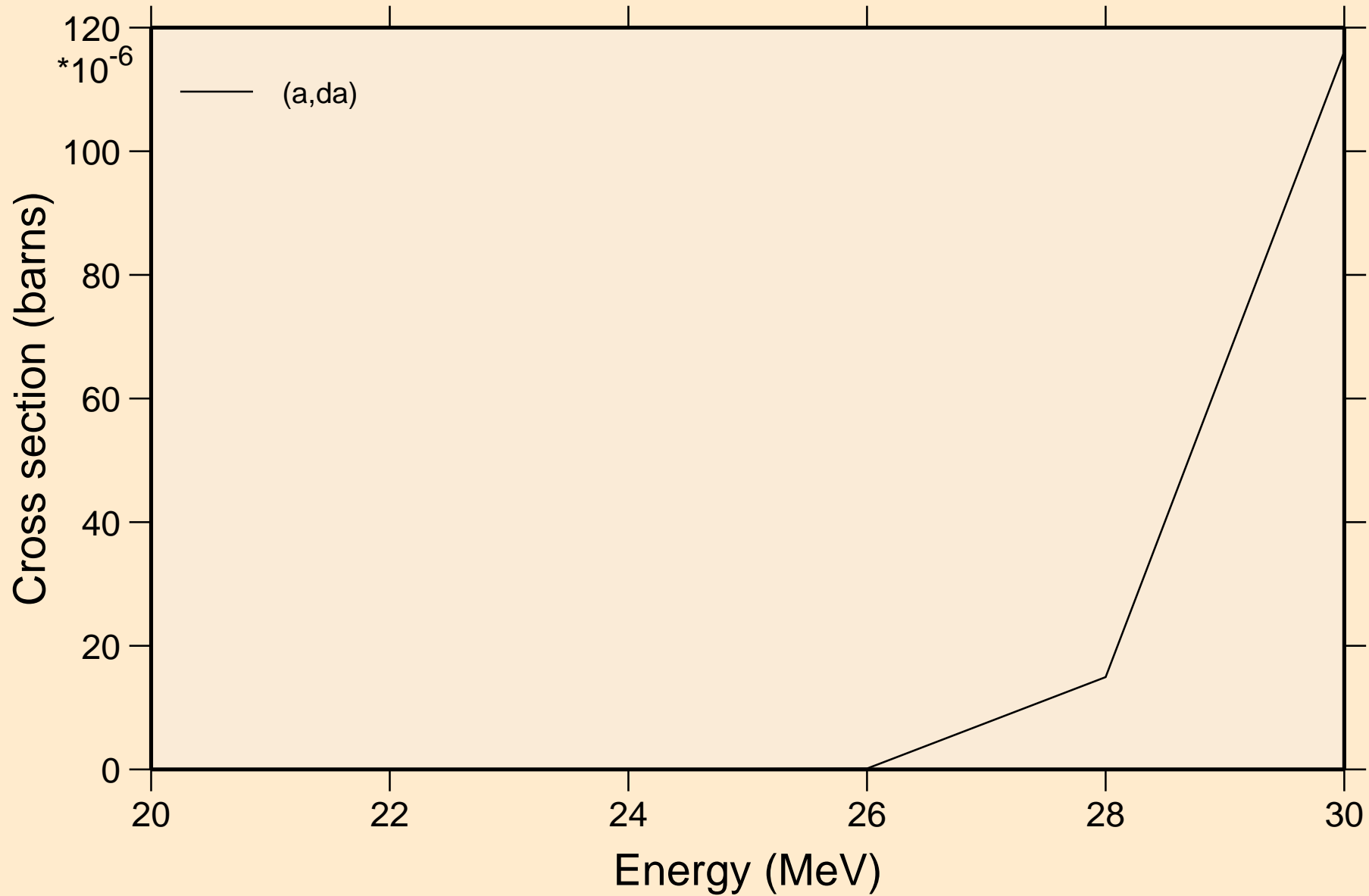
MG027 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



MG027 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

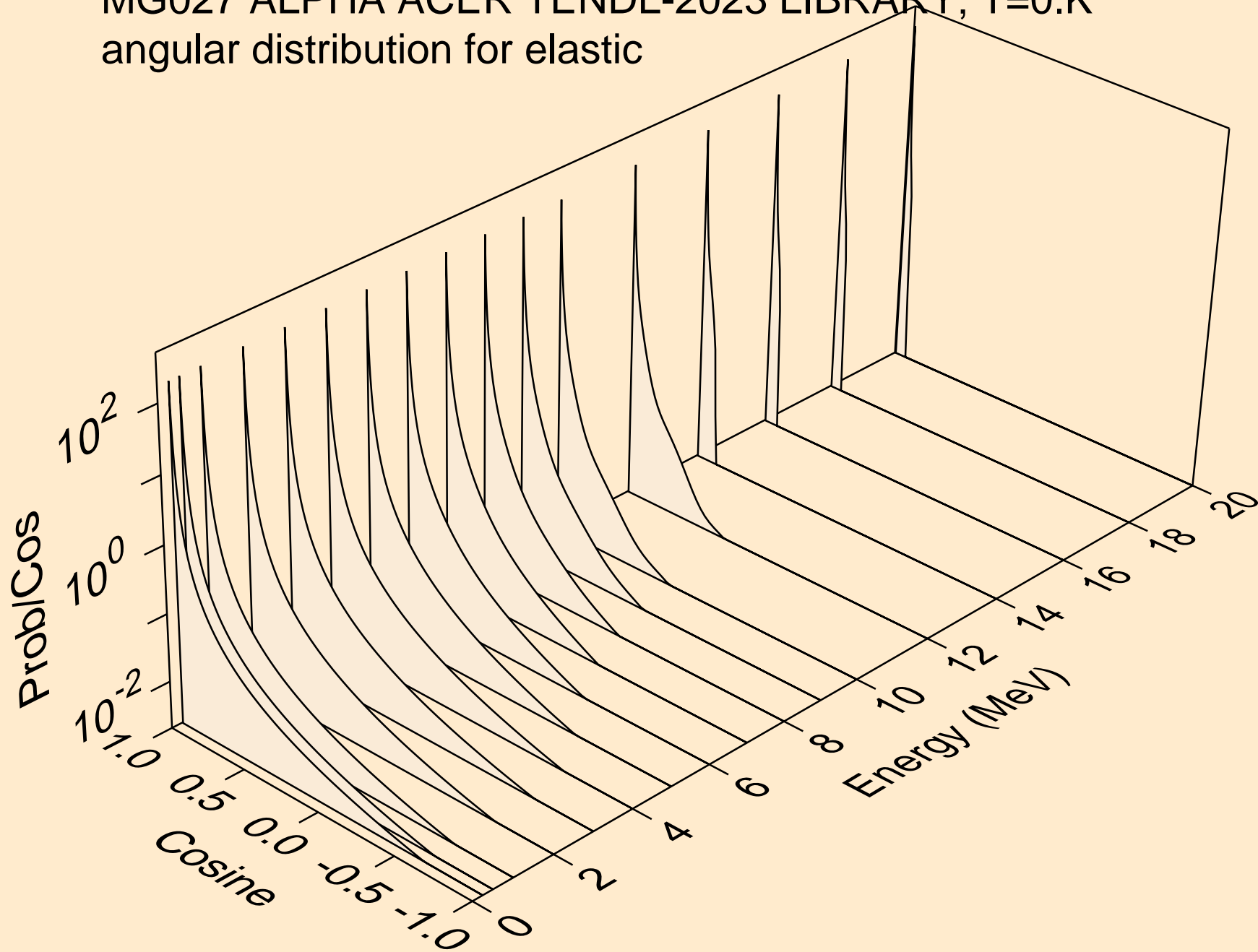


MG027 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

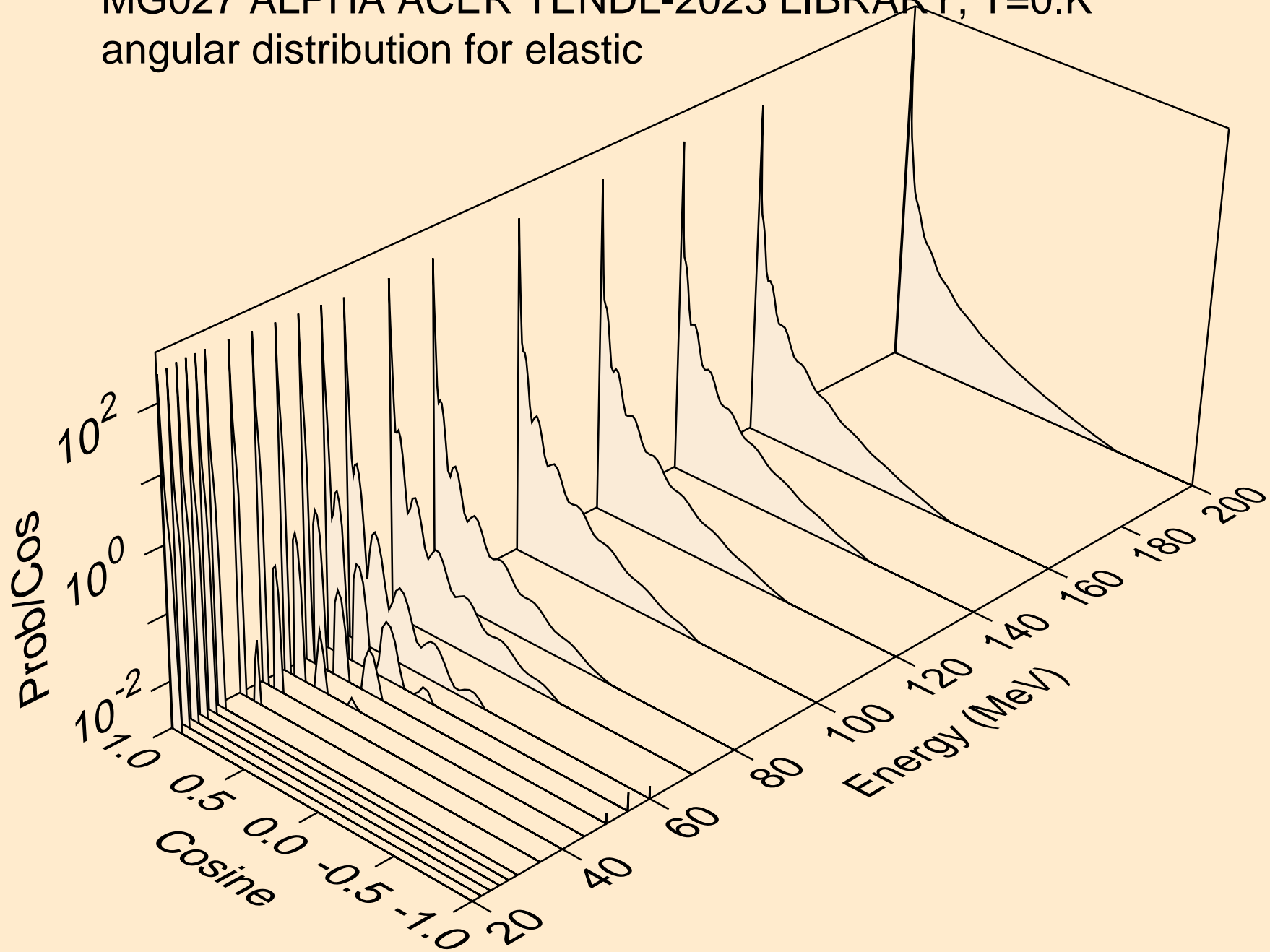




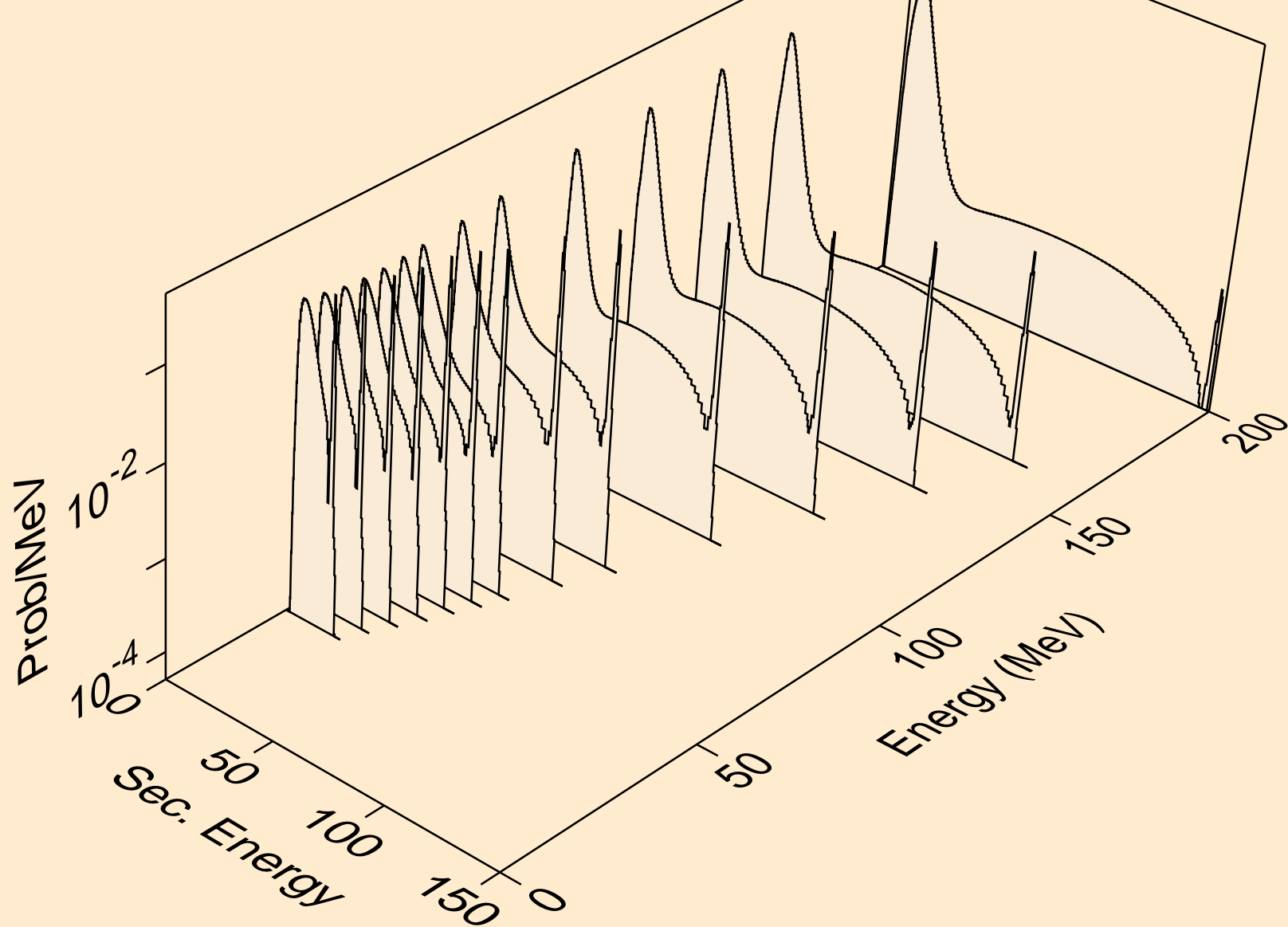
MG027 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



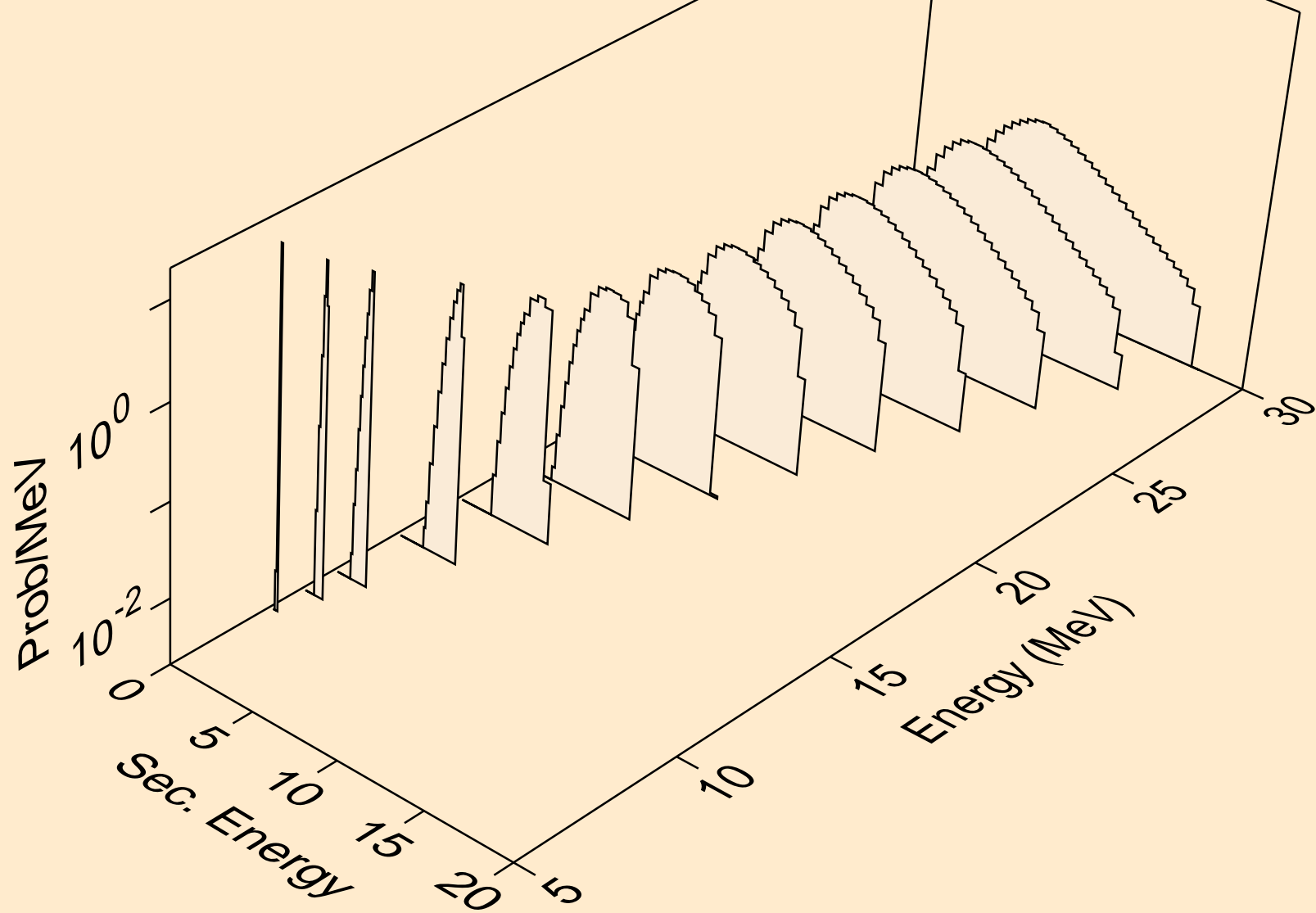
MG027 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



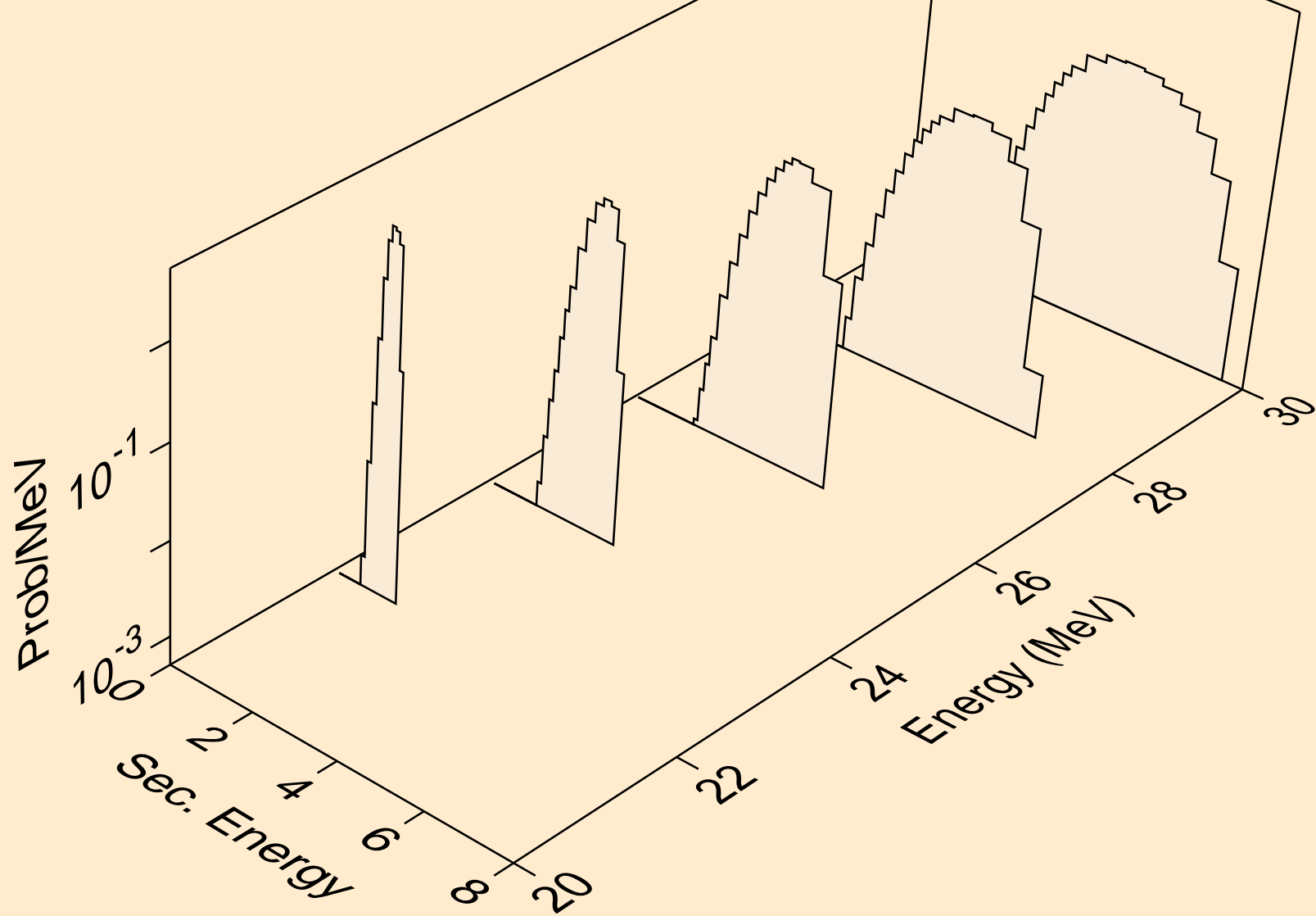
MG027 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,x)



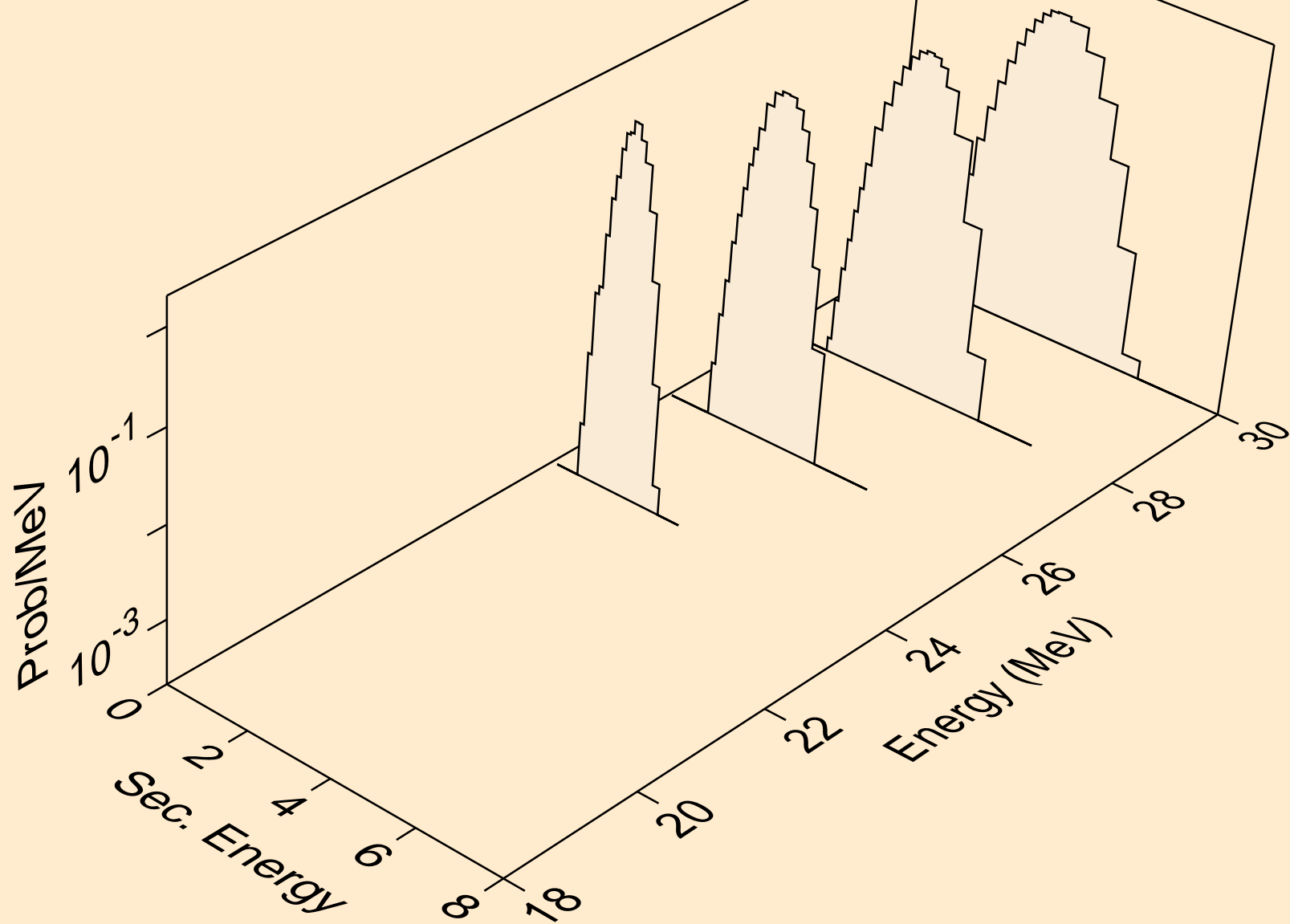
MG027 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



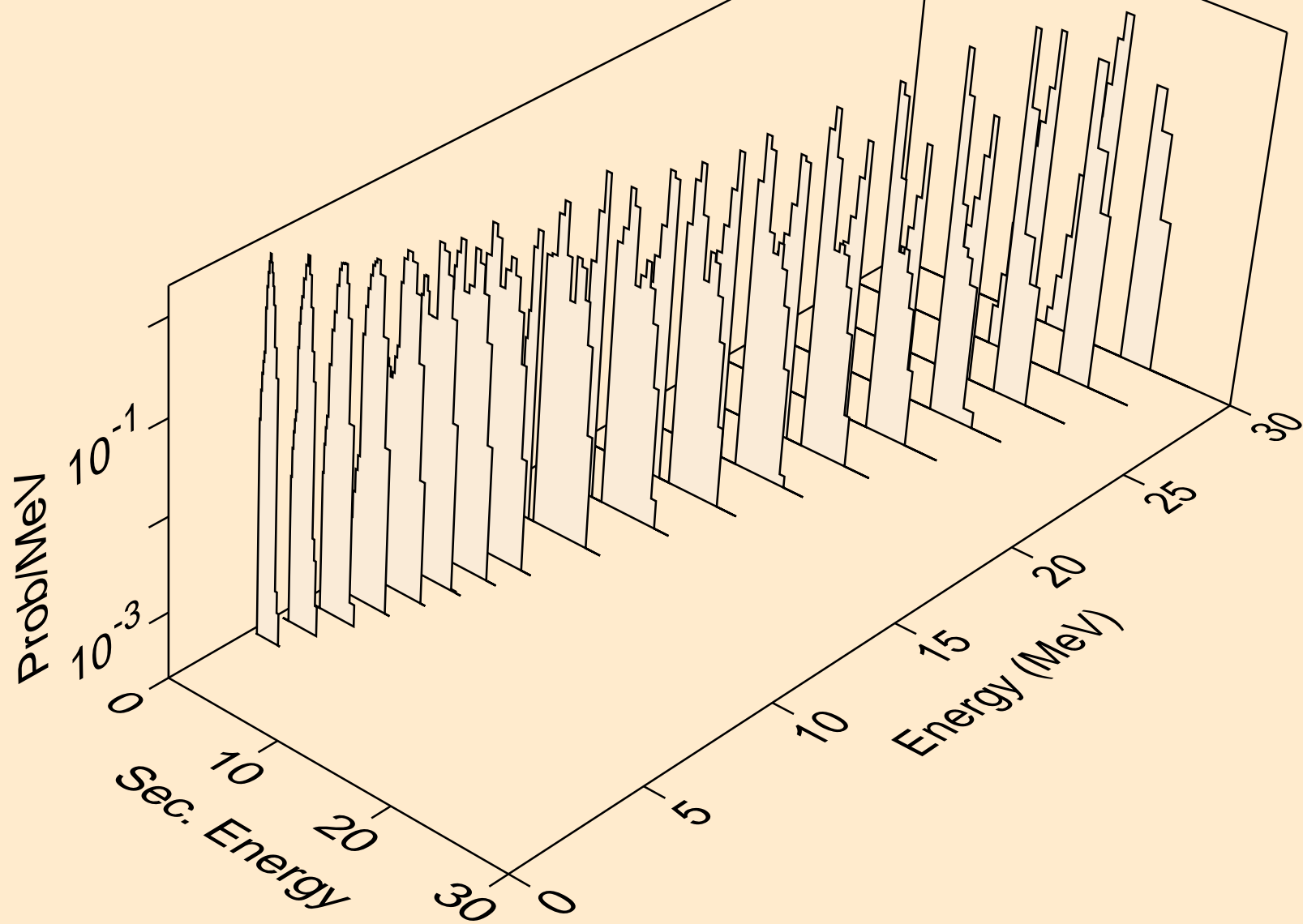
MG027 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



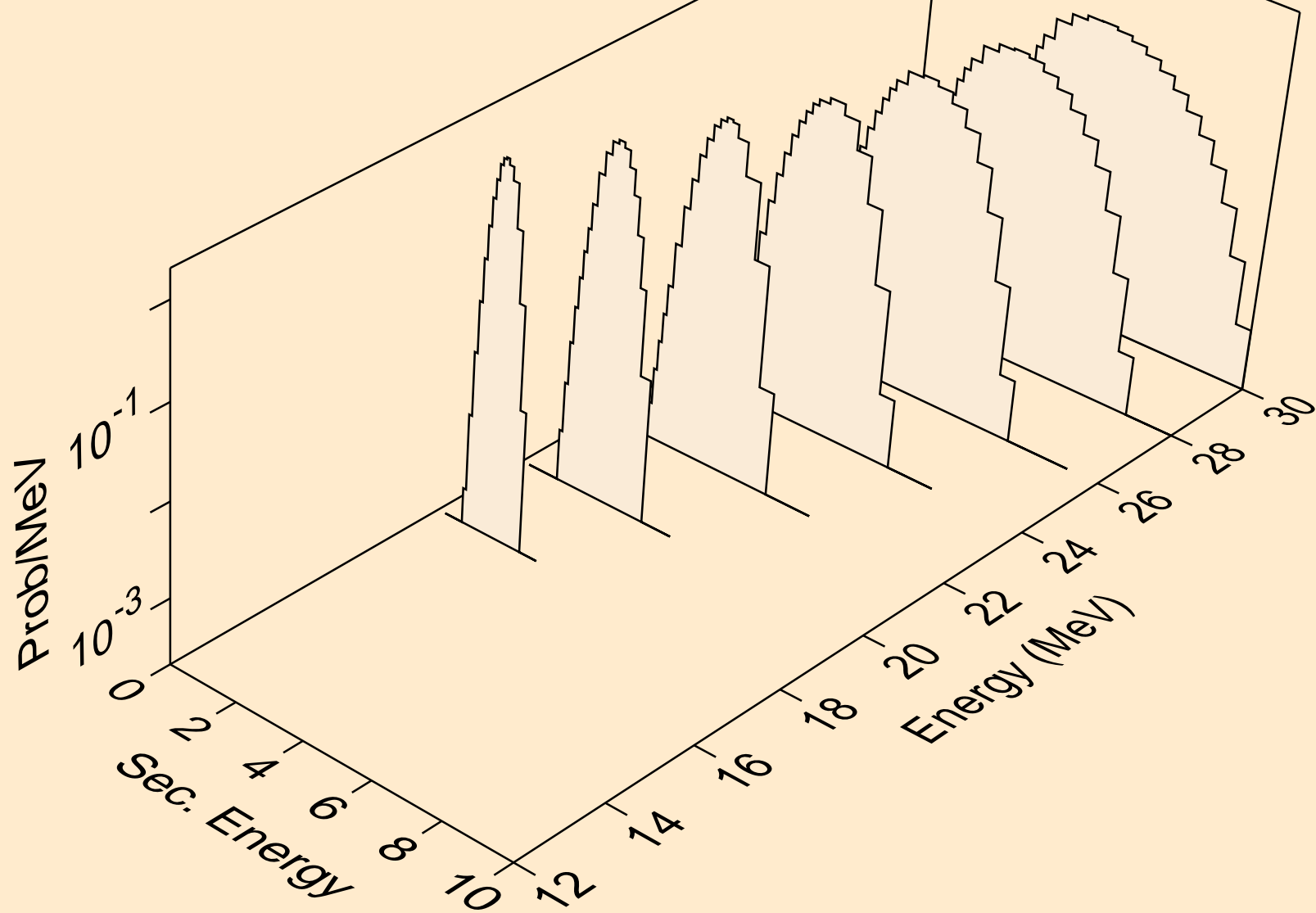
MG027 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)2a



MG027 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic

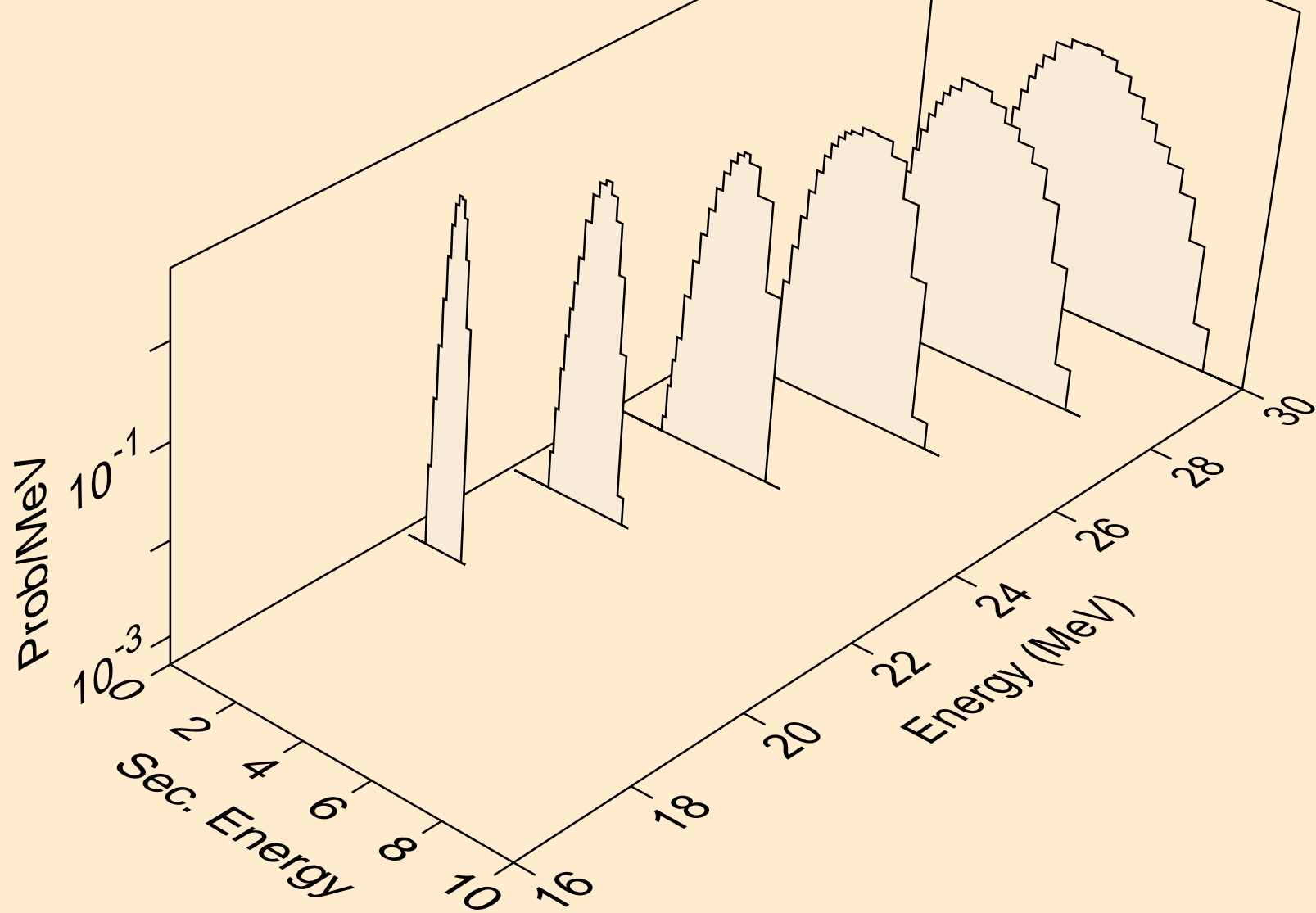


MG027 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2a)

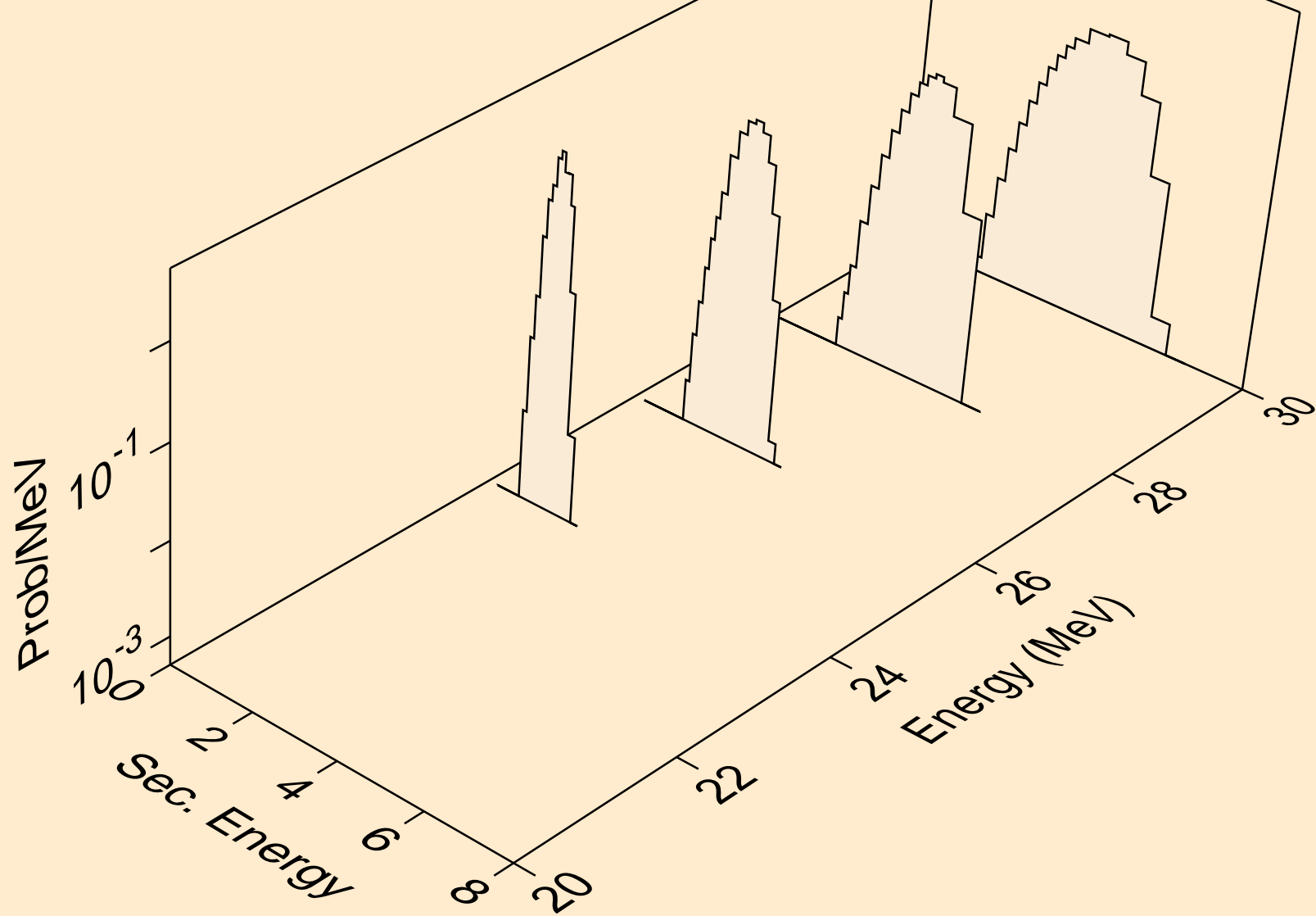




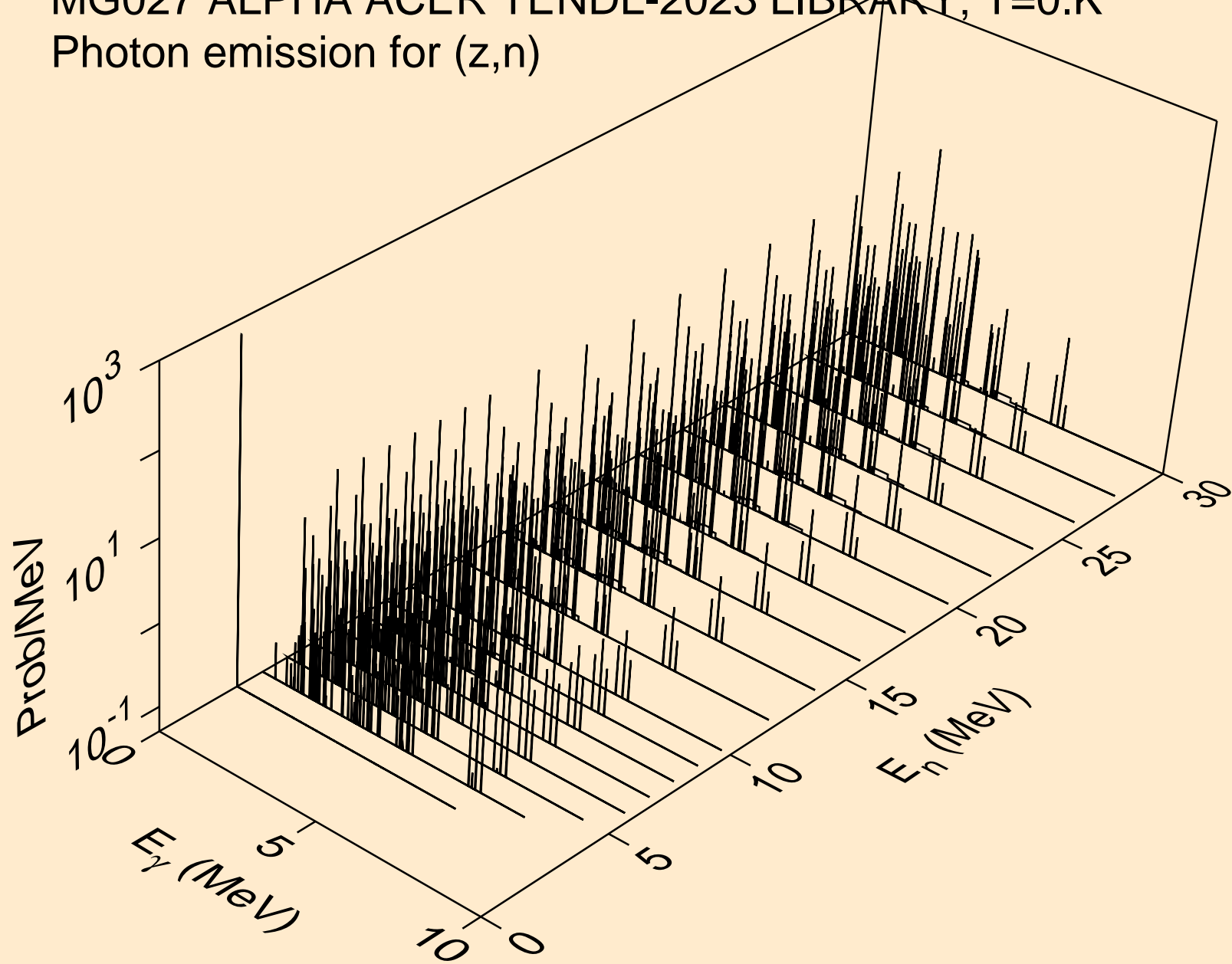
MG027 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,pa)



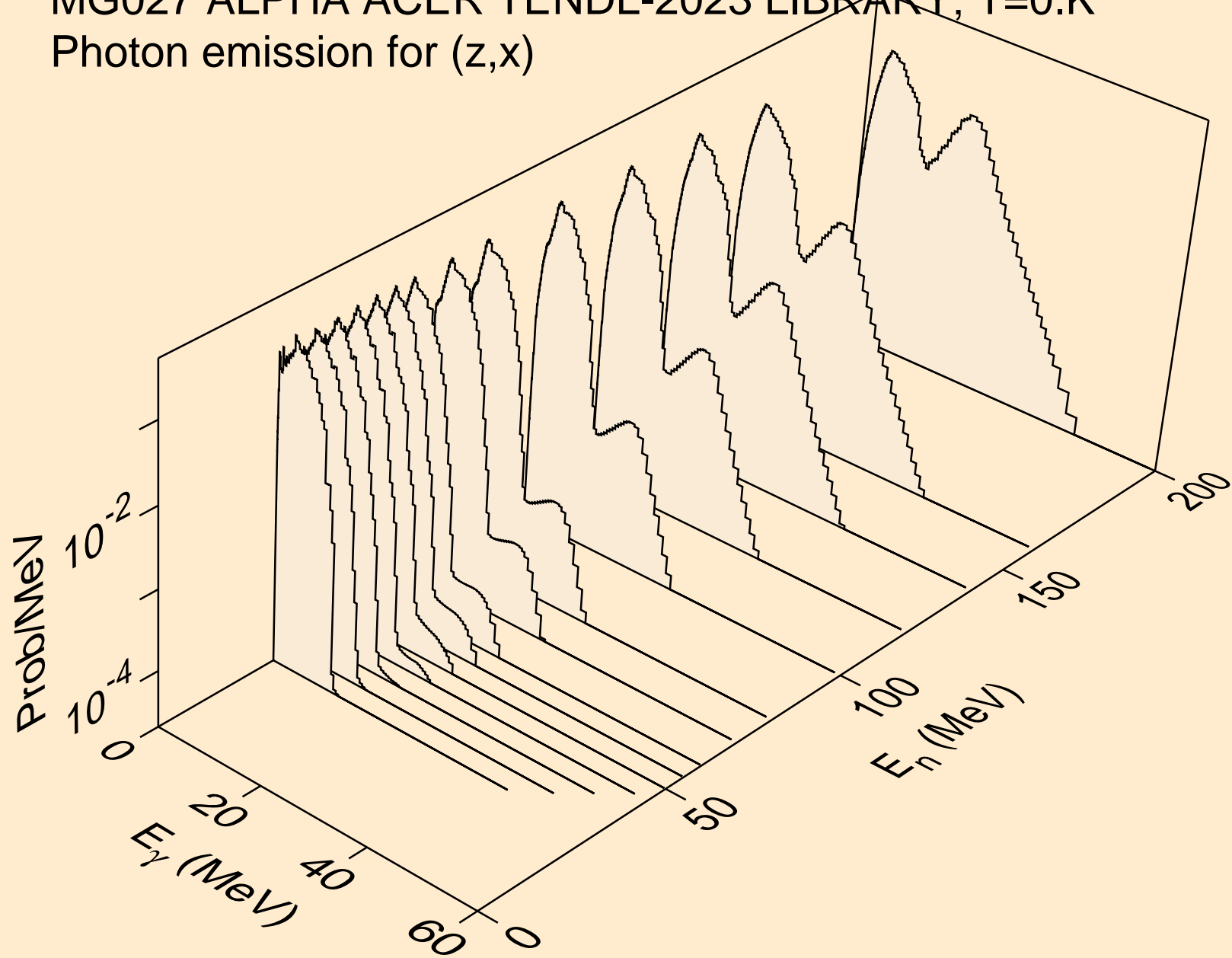
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Alpha emission for (a,da)



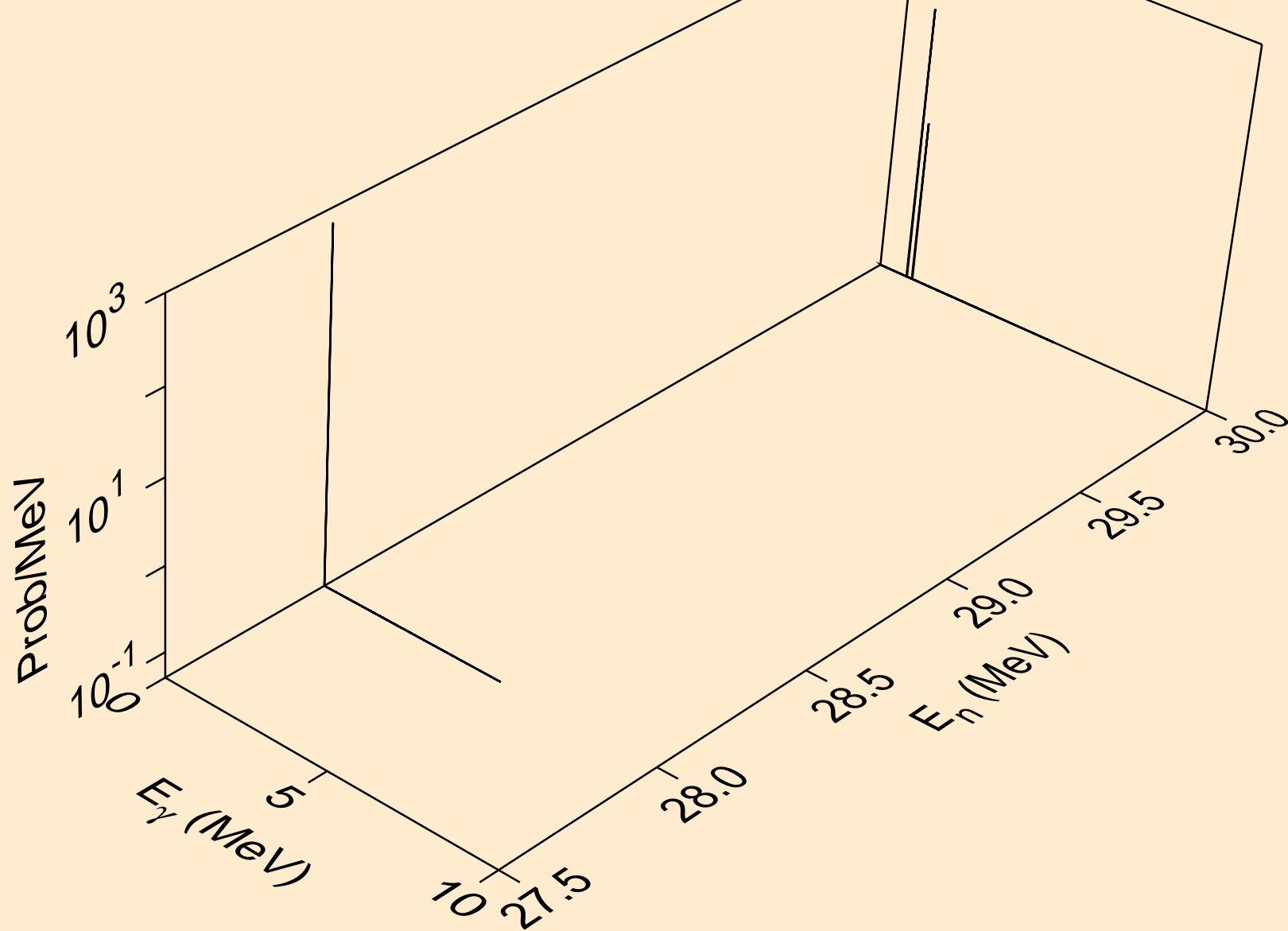
MG027 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



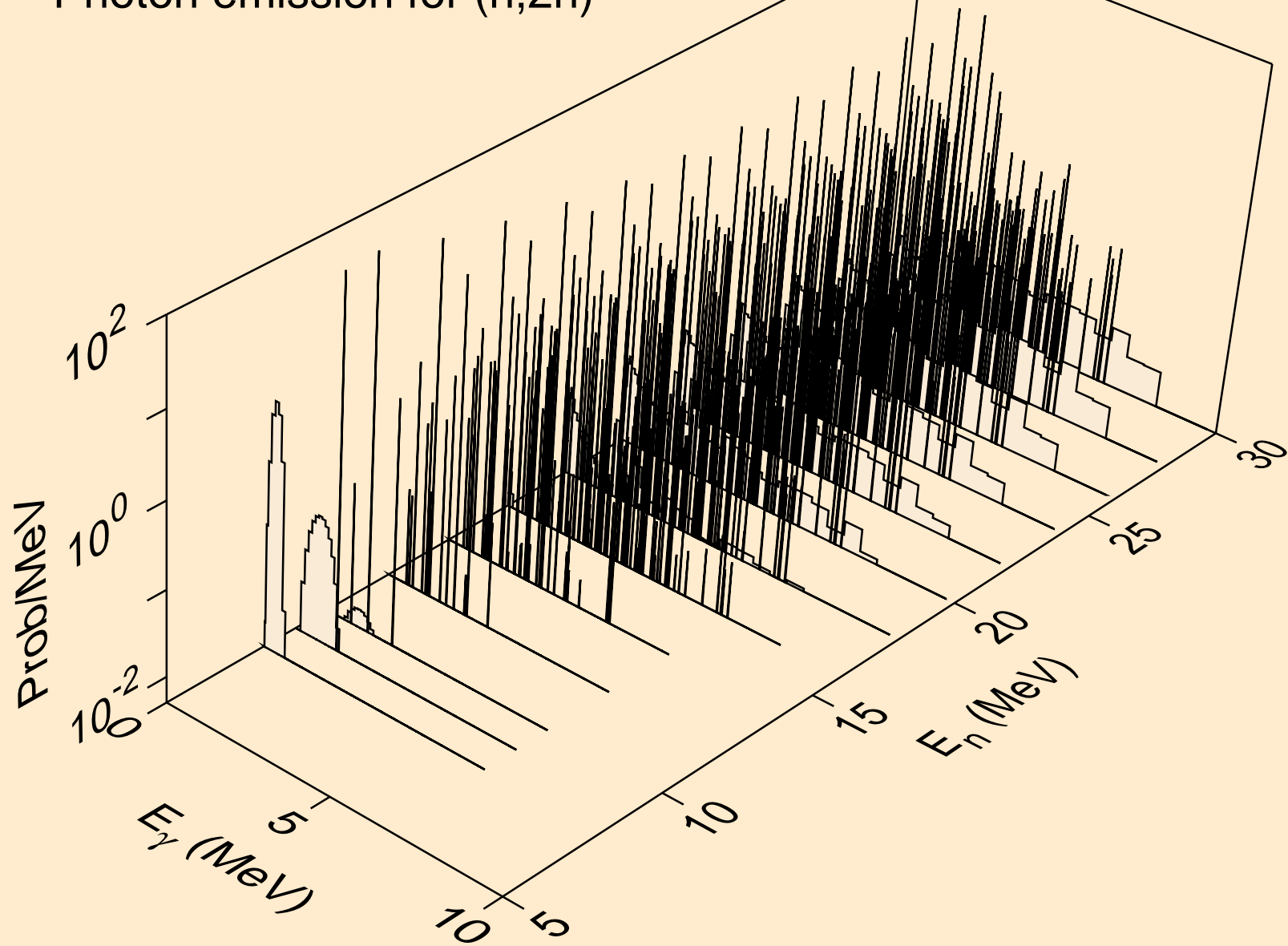
MG027 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



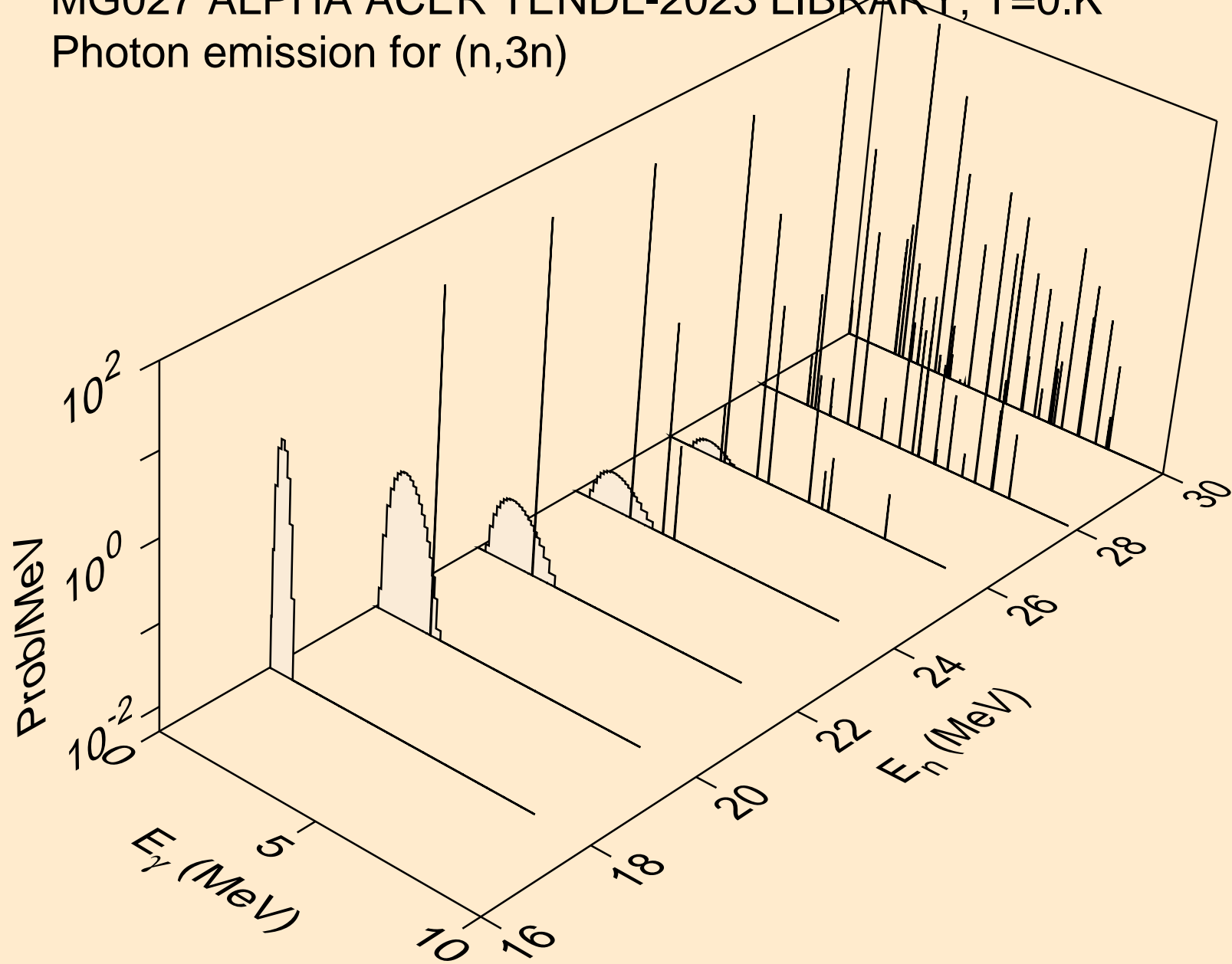
MG027 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



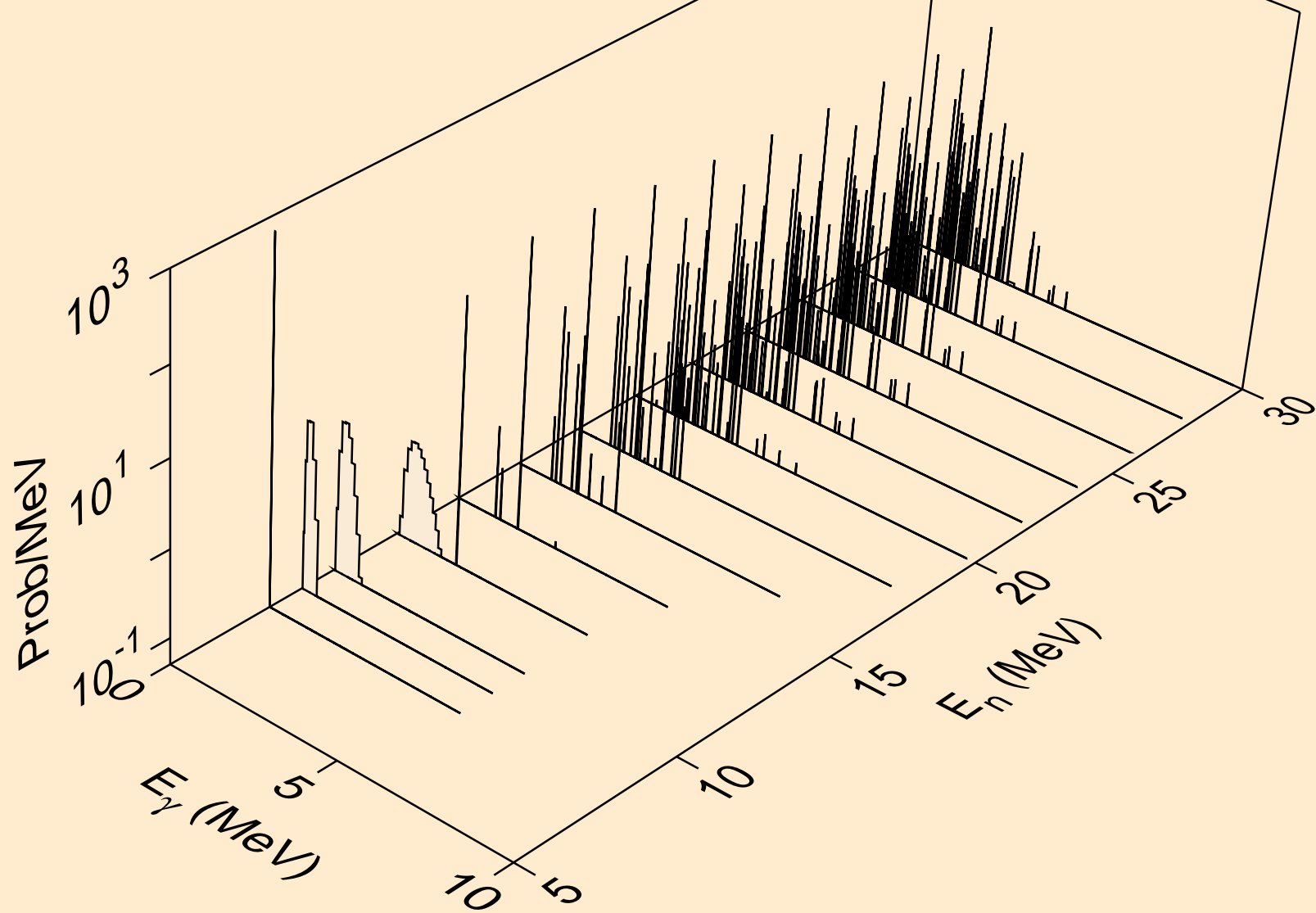
MG027 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



MG027 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)

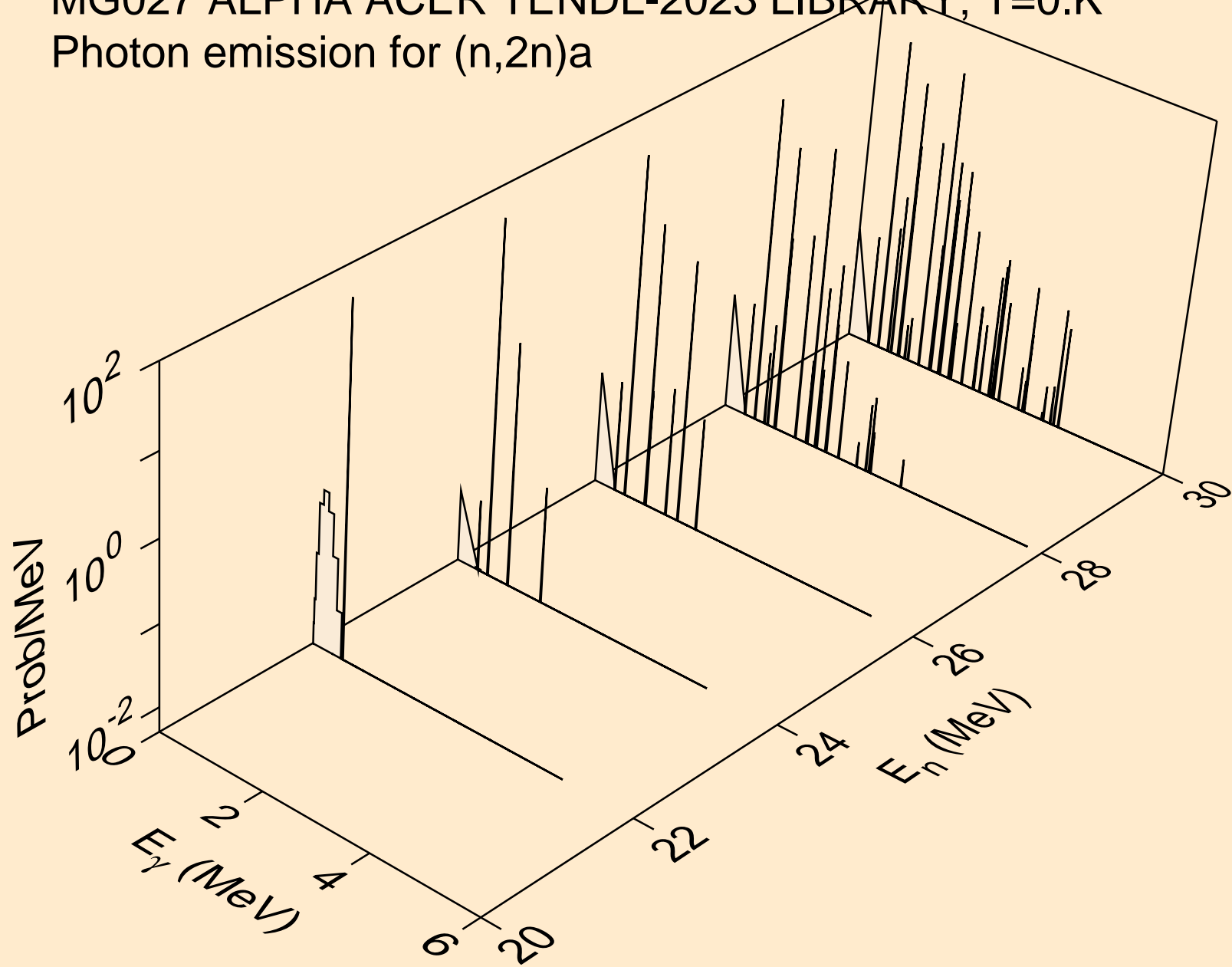


MG027 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

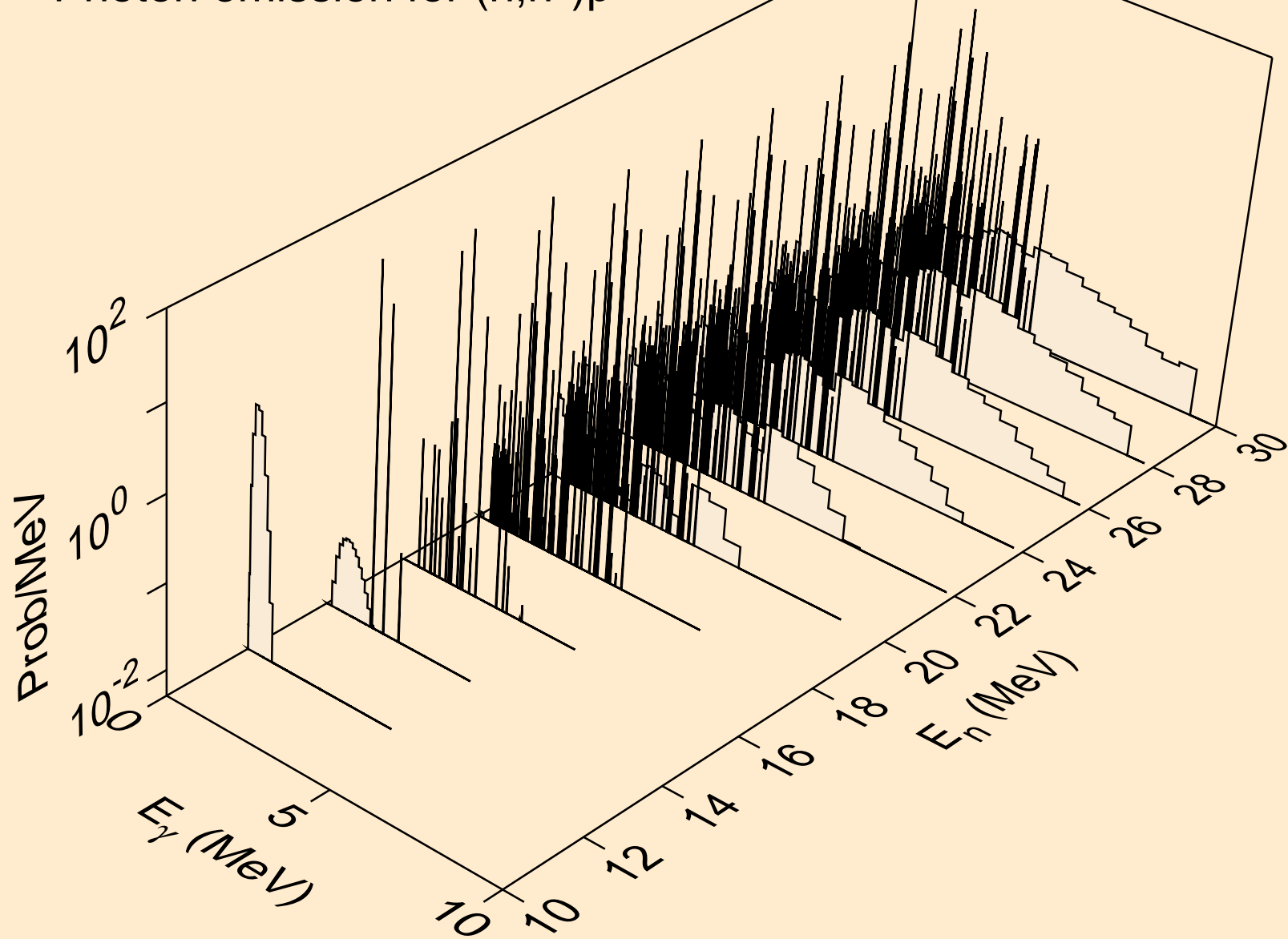




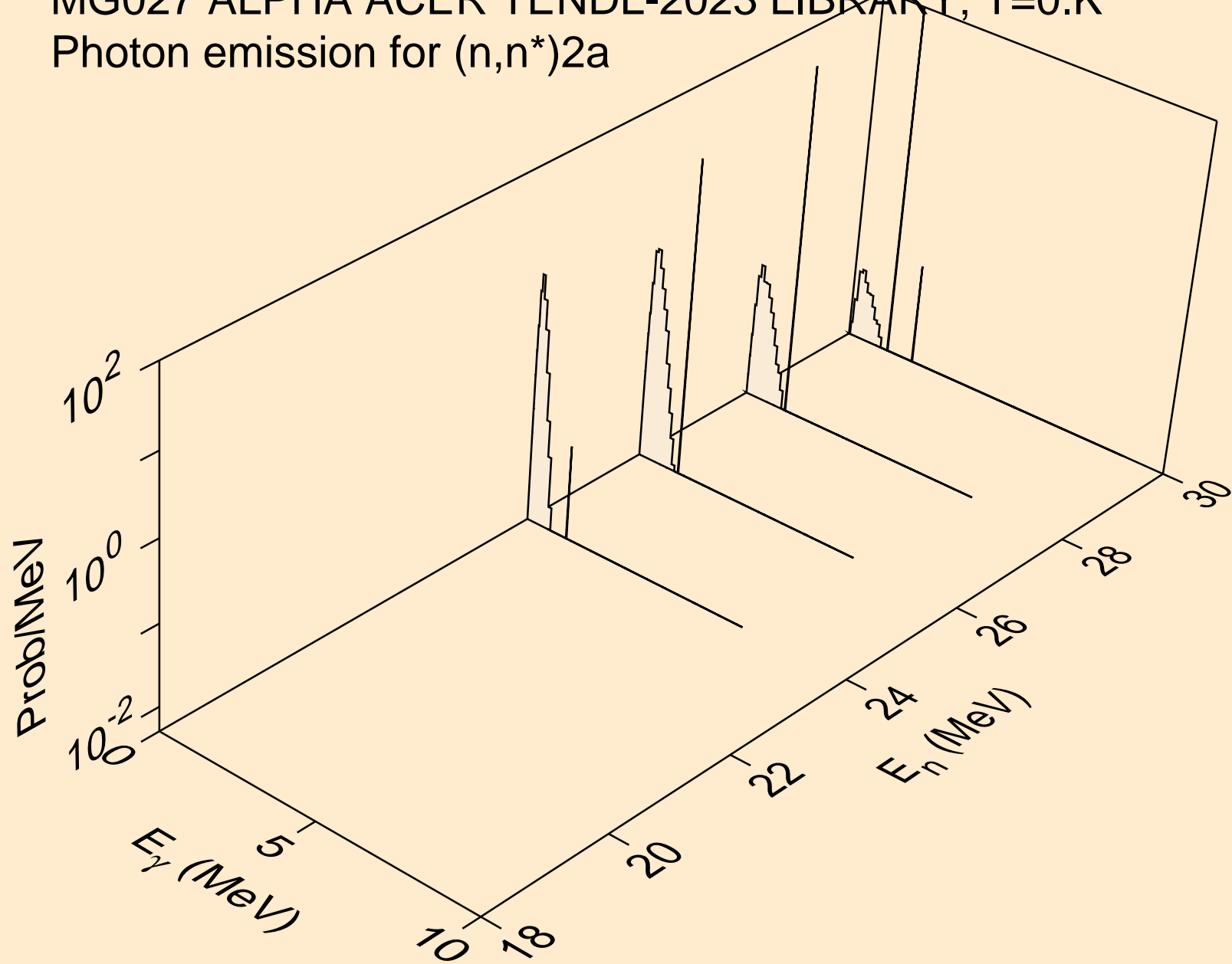
MG027 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



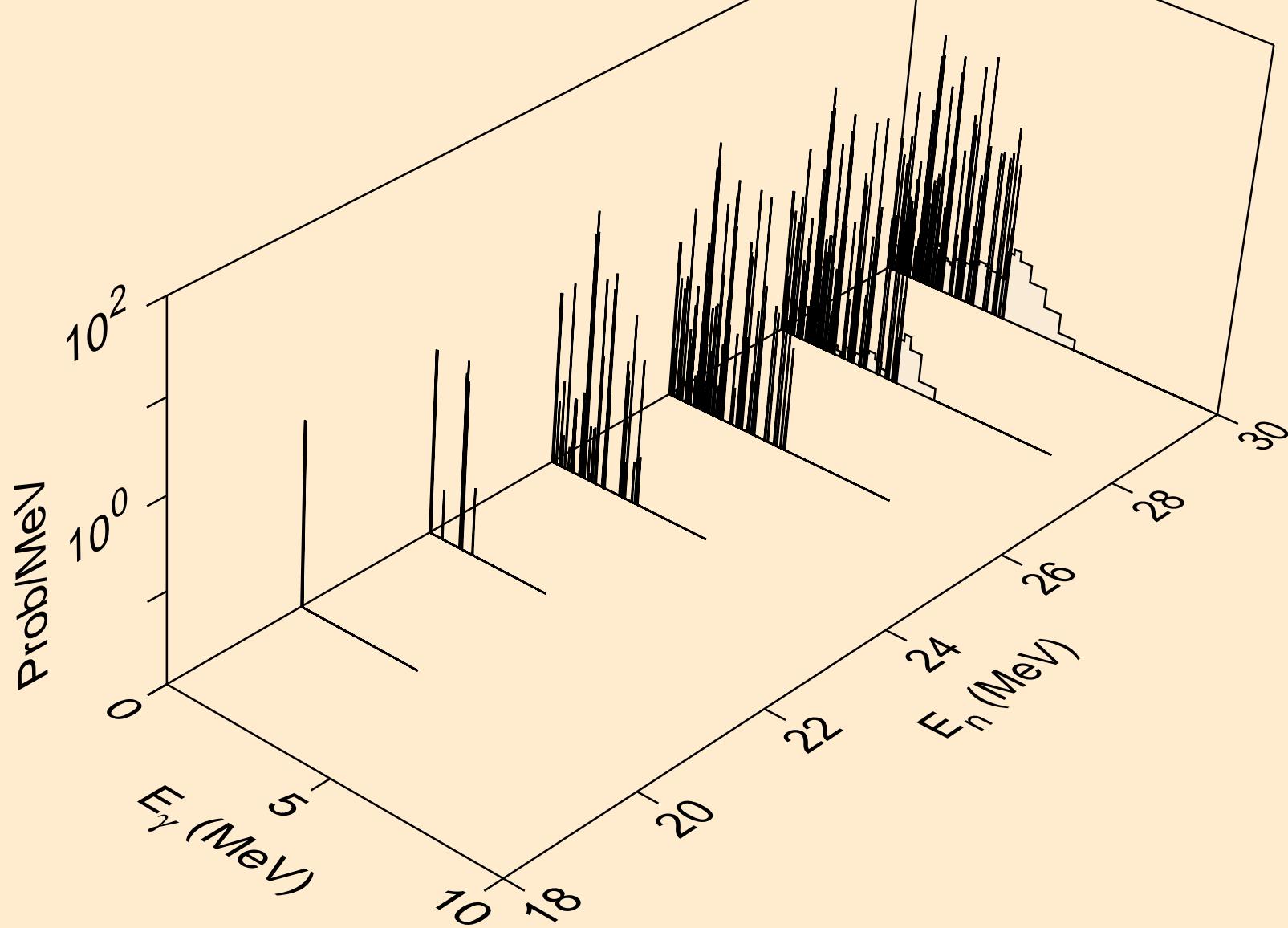
MG027 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



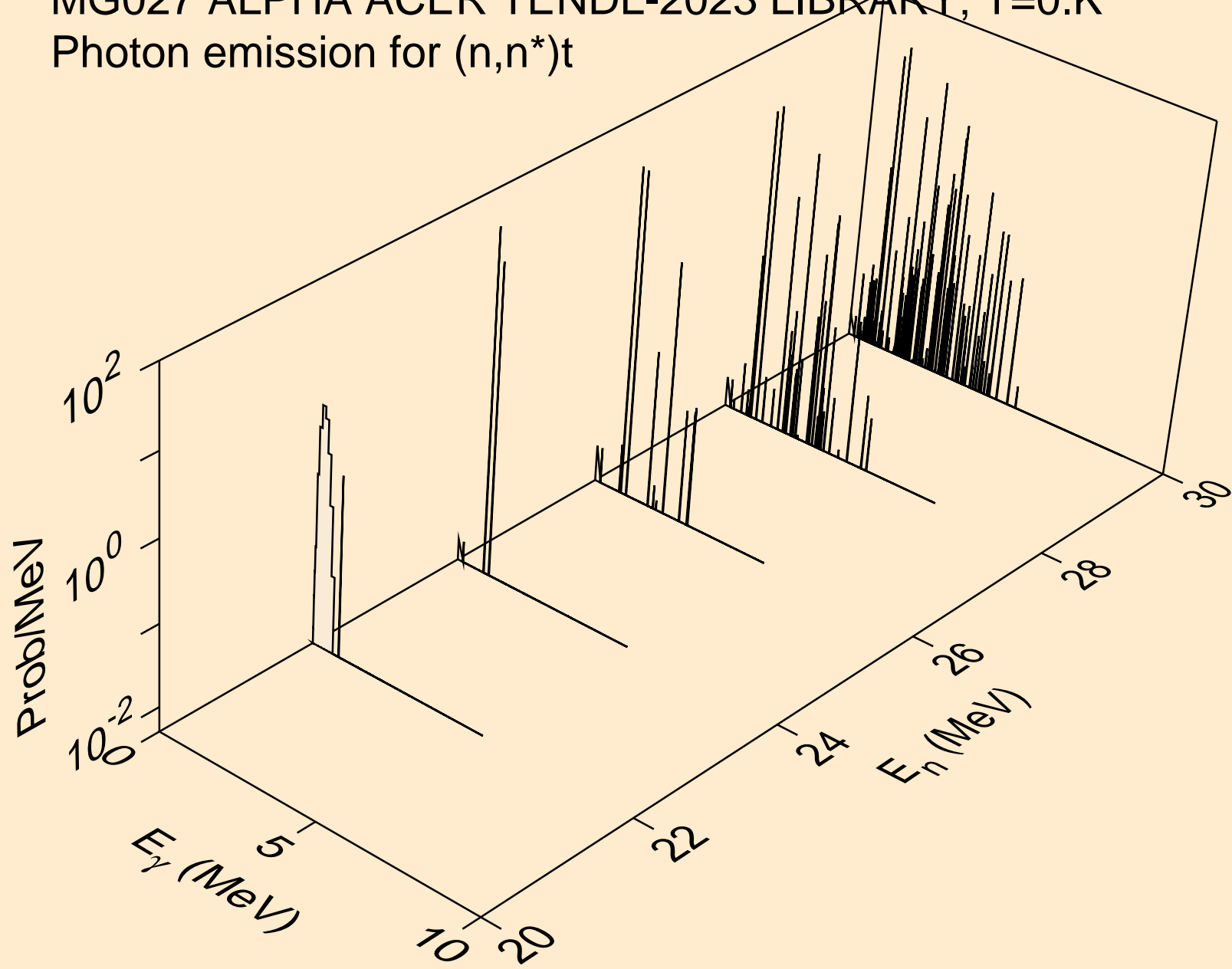
MG027 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



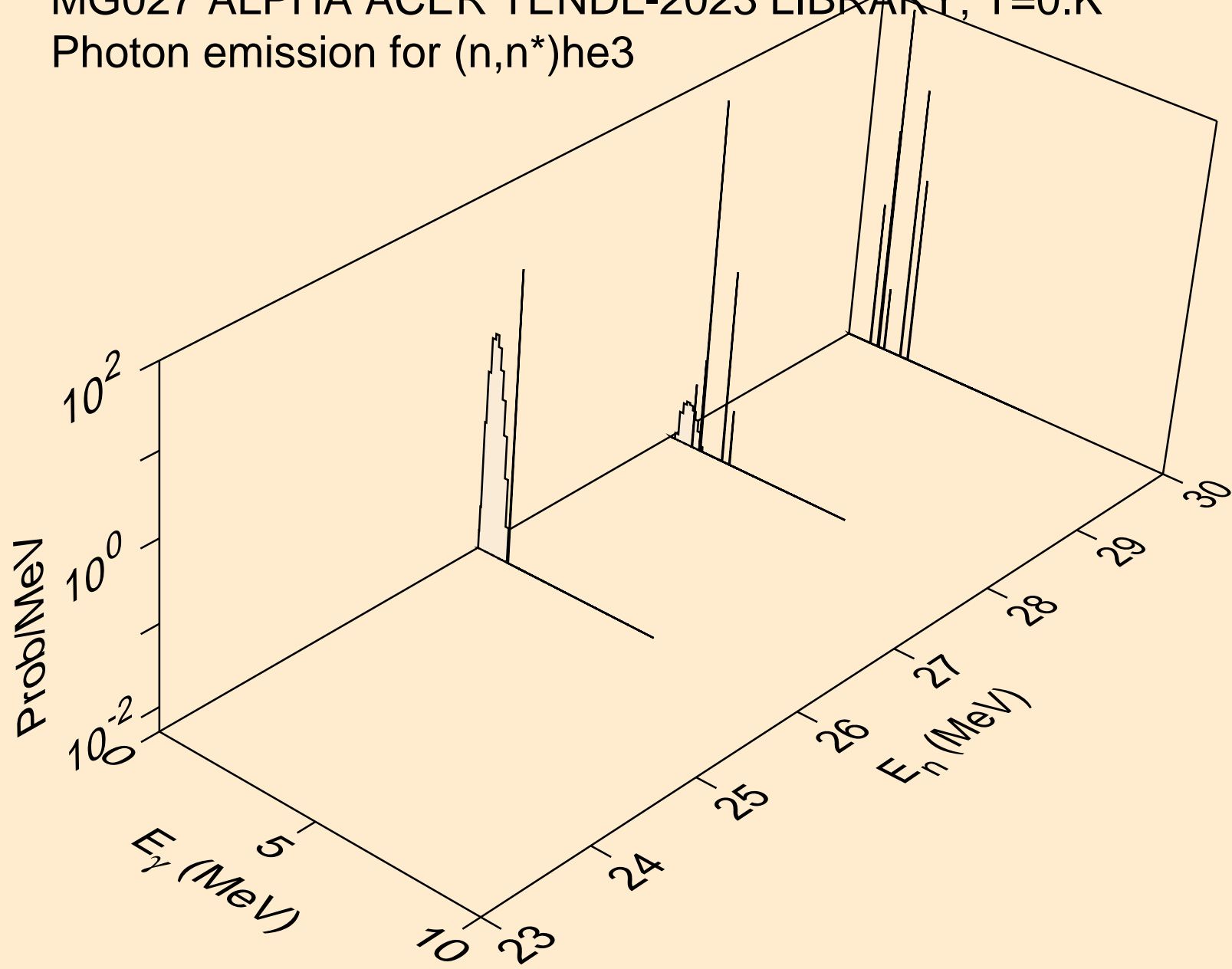
MG027 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



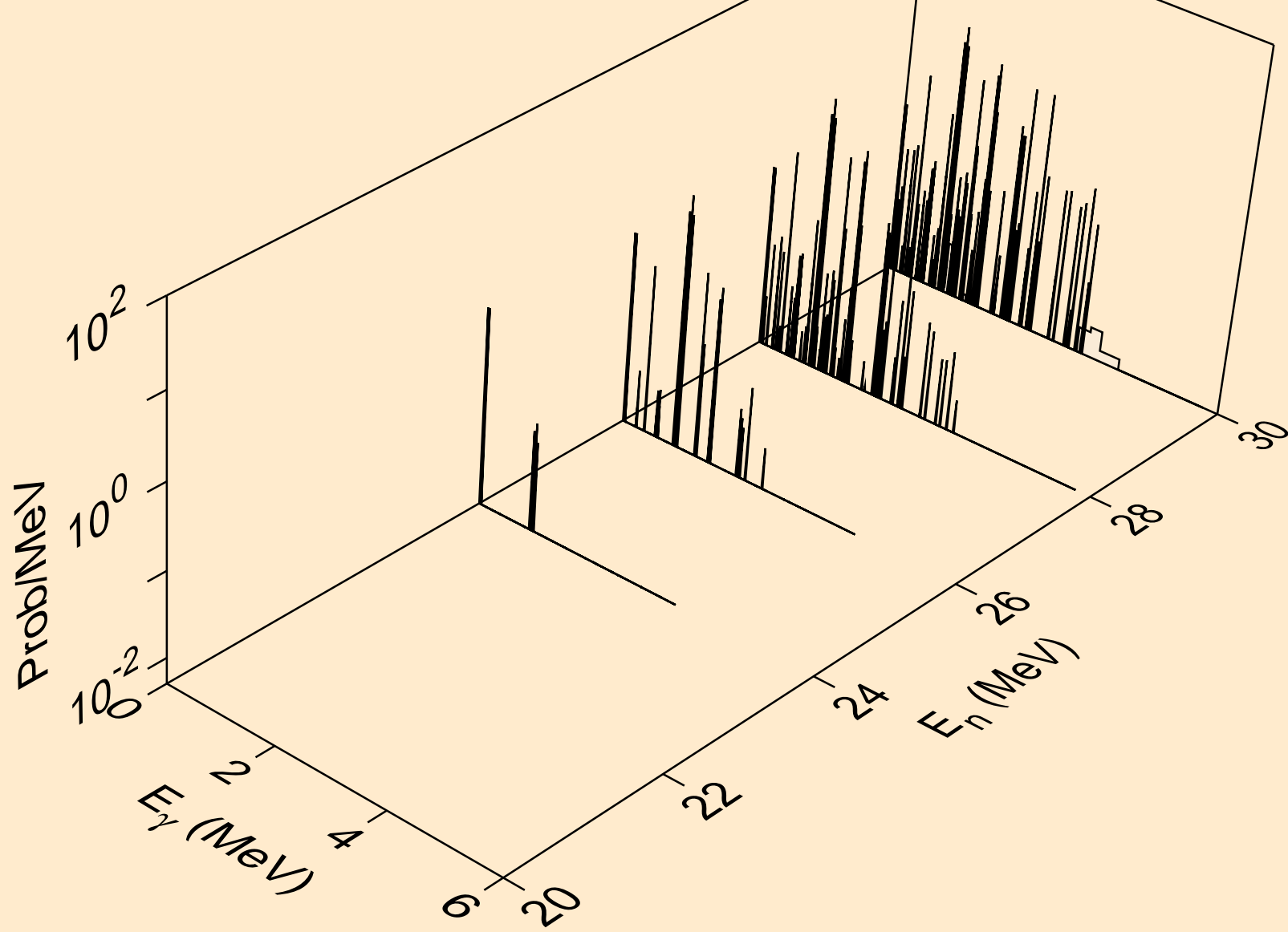
MG027 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



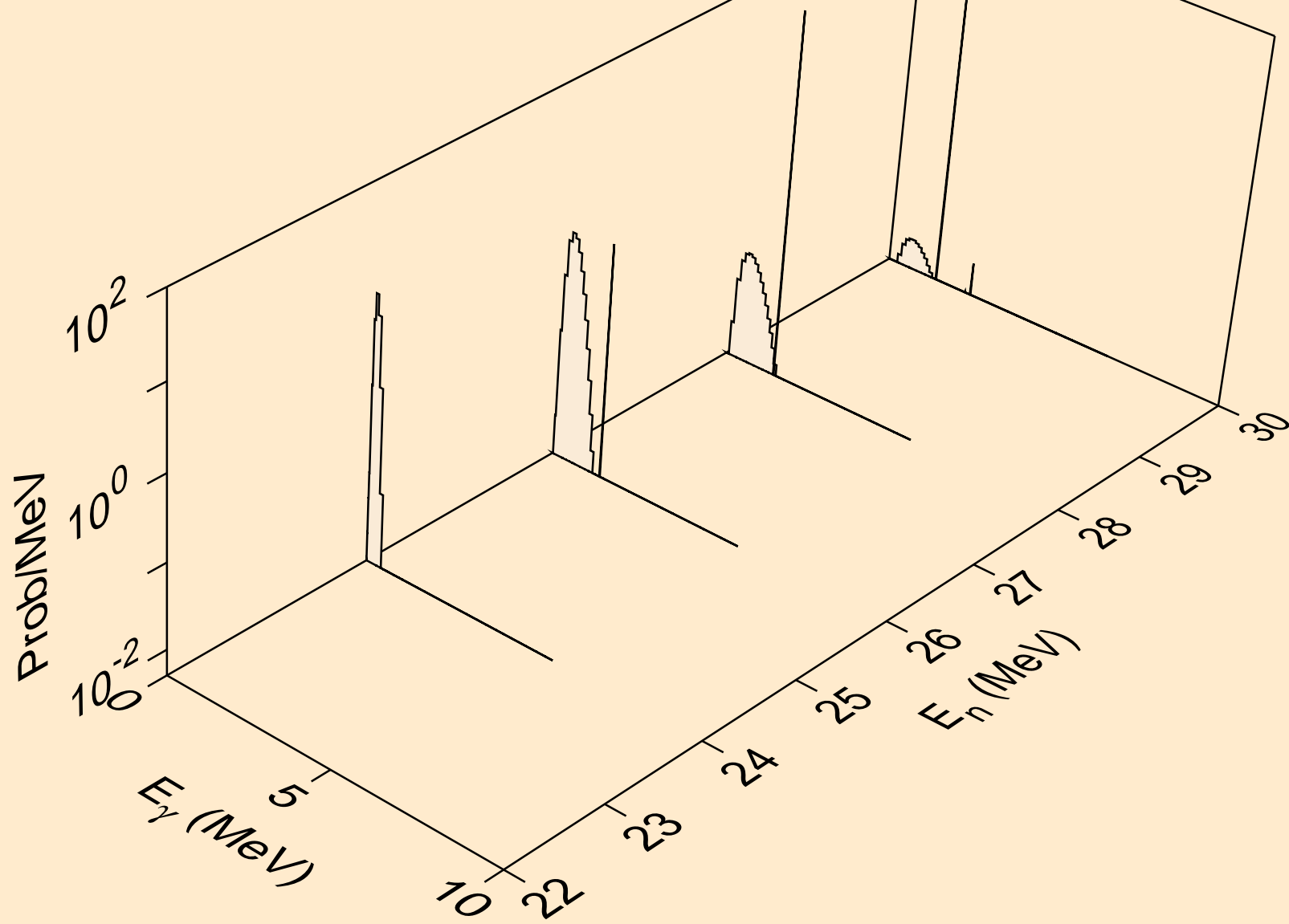
MG027 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



MG027 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

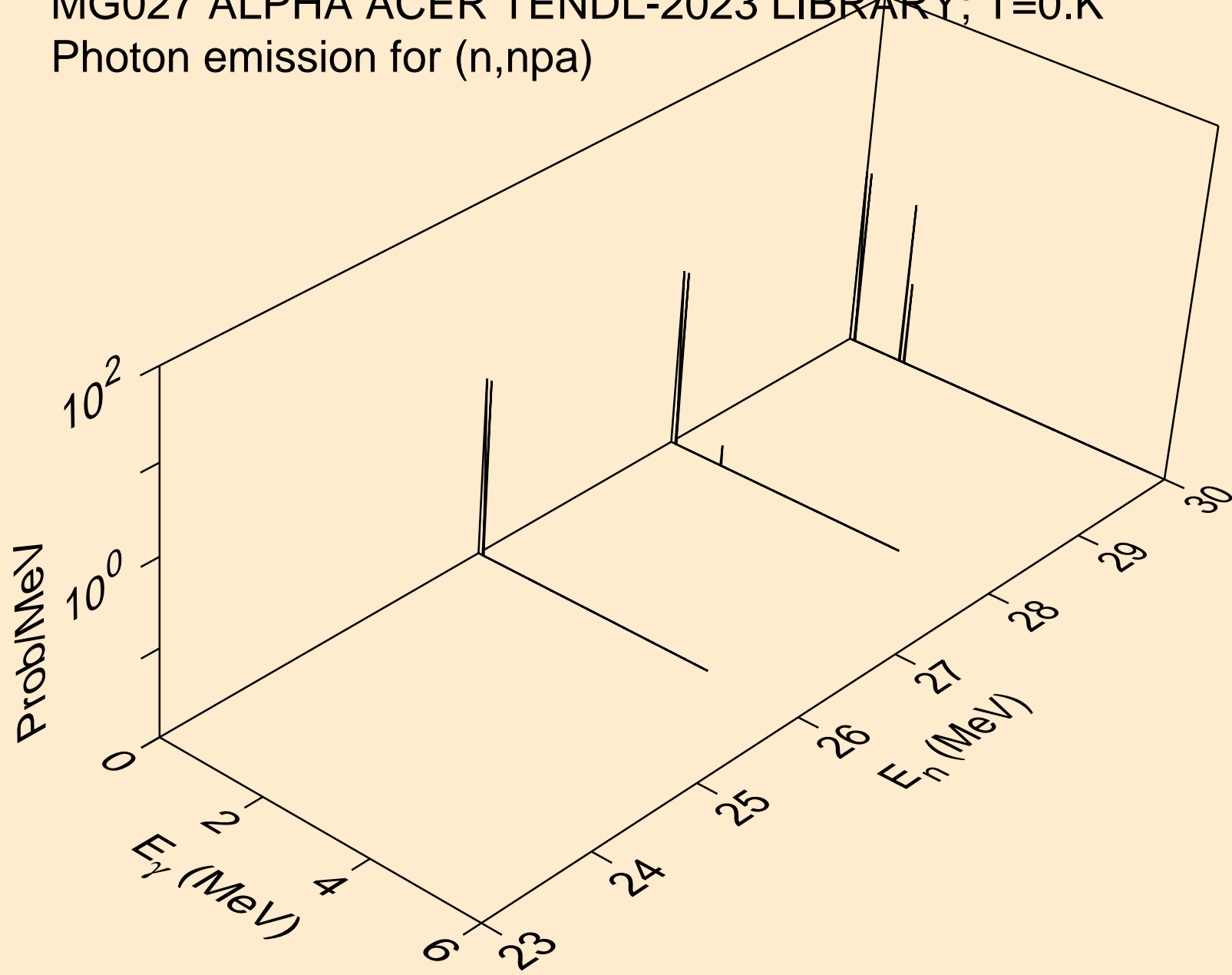


MG027 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)

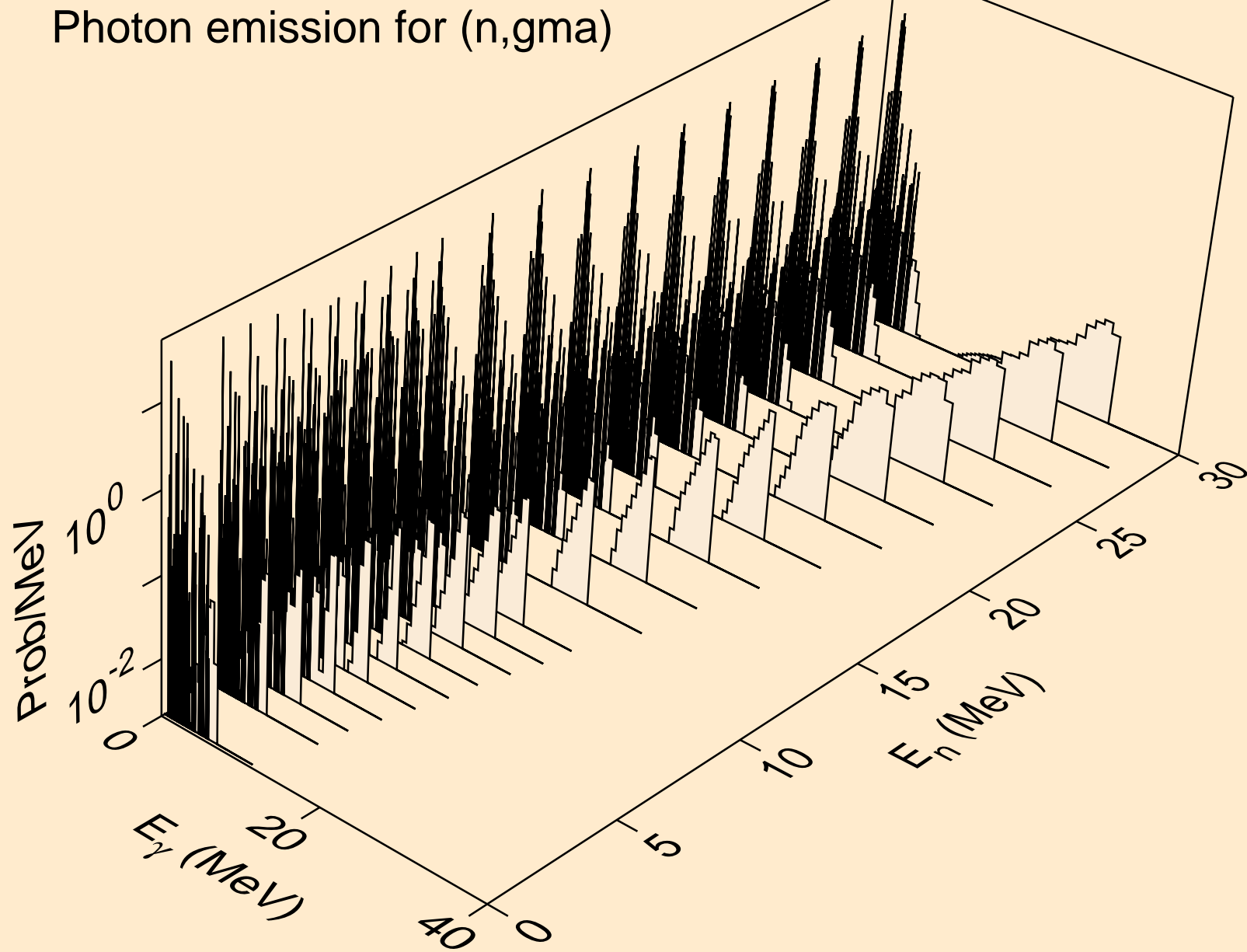




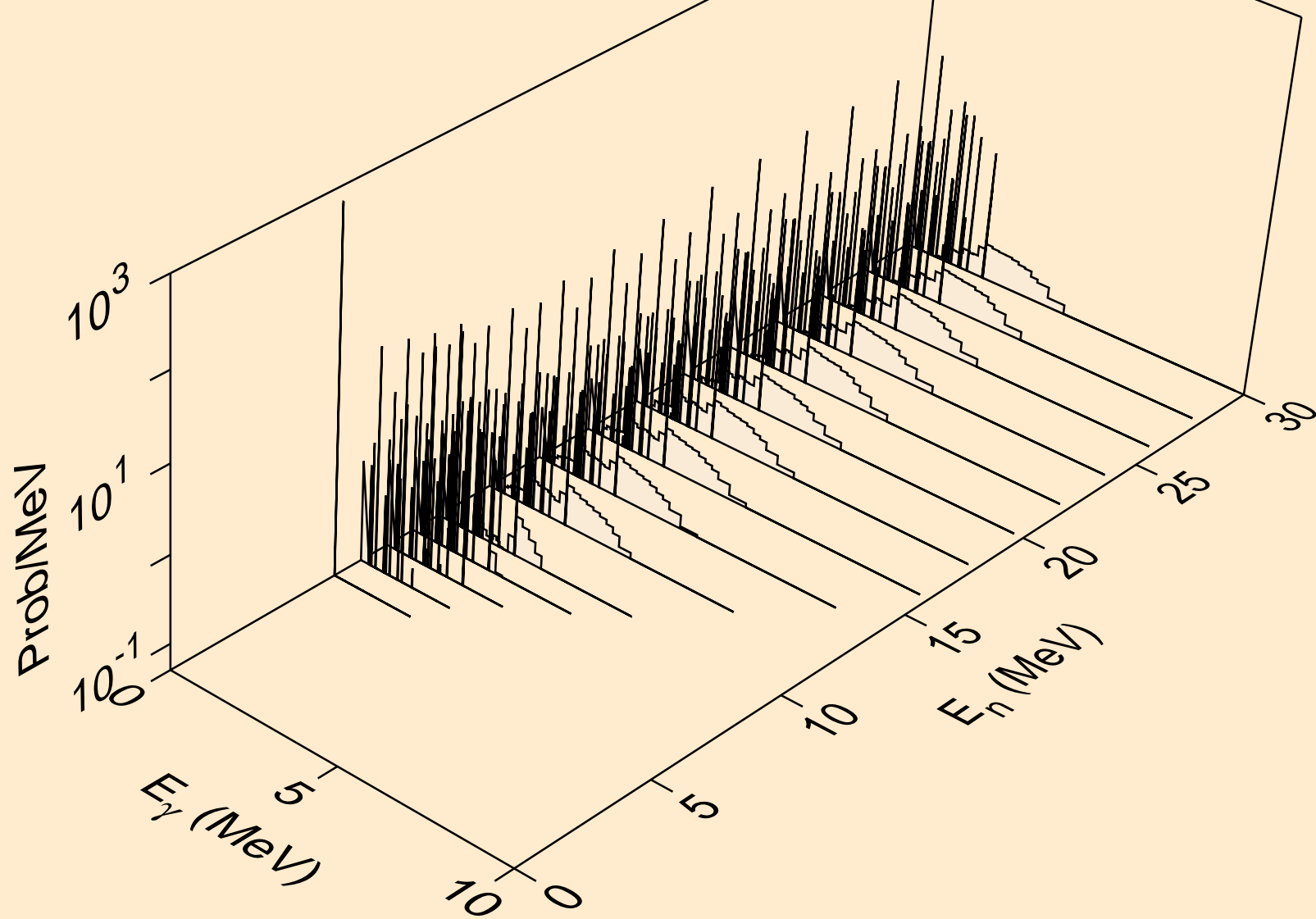
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Photon emission for (n,npa)



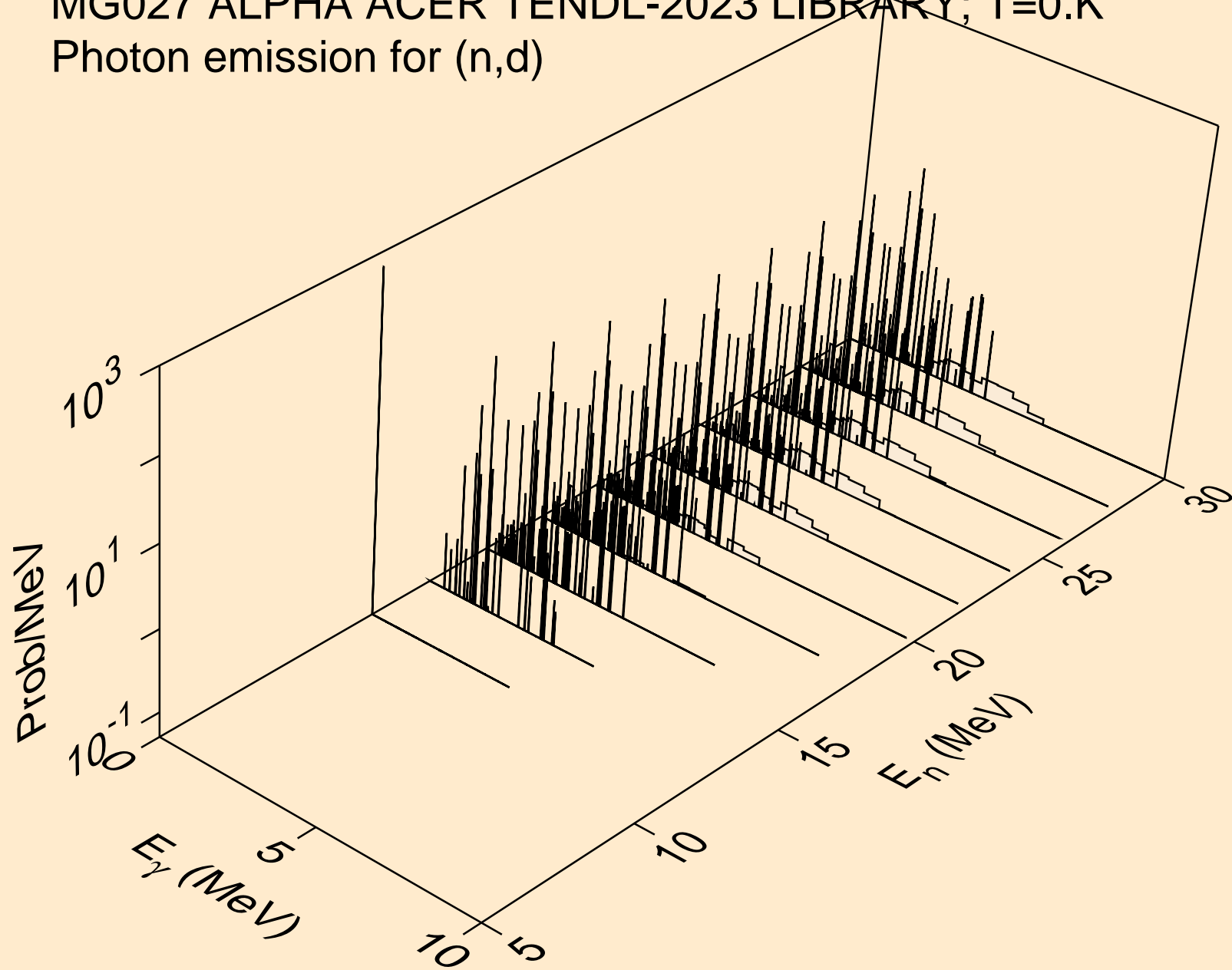
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Photon emission for (n,gma)



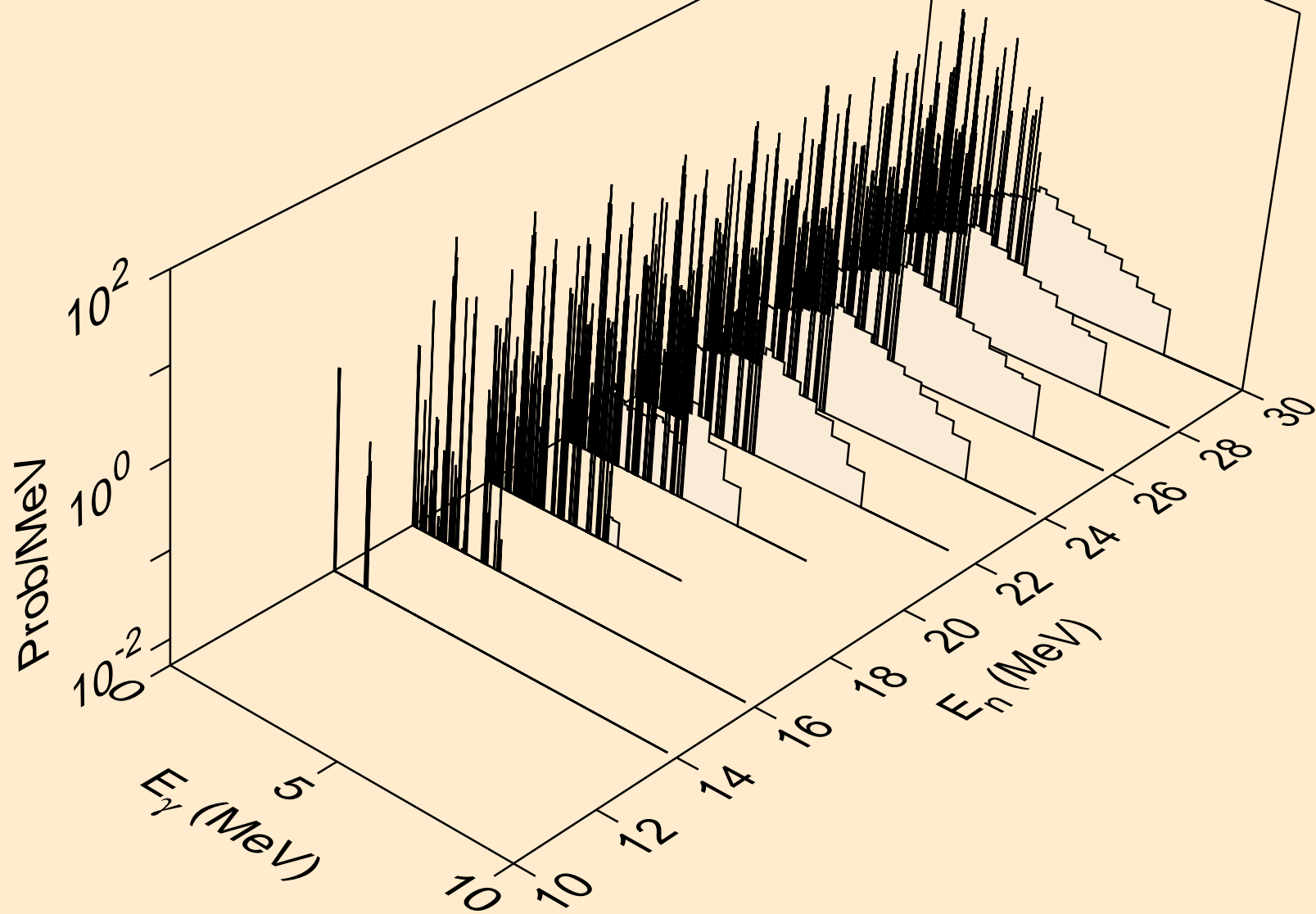
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Photon emission for (n,p)



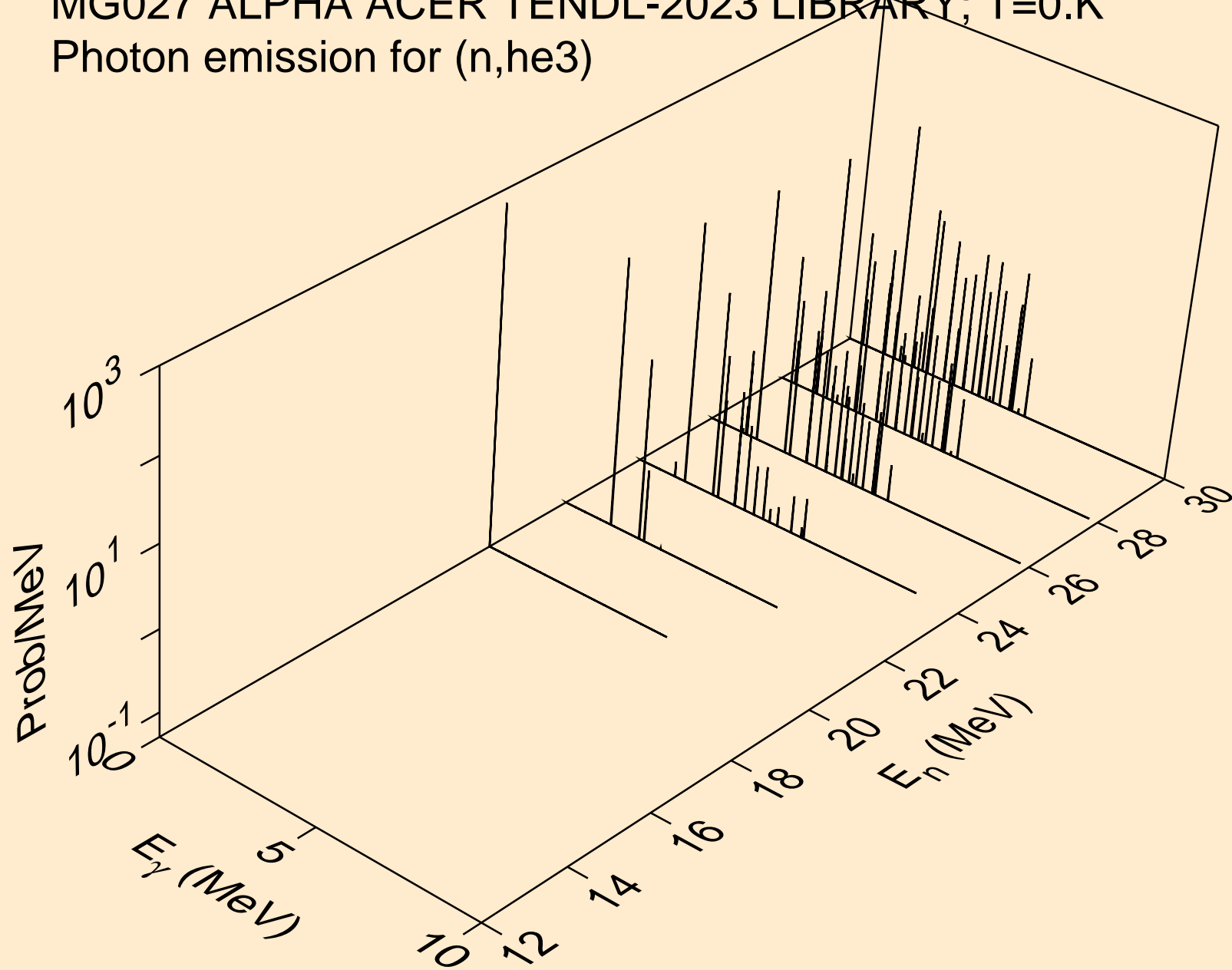
MG027 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



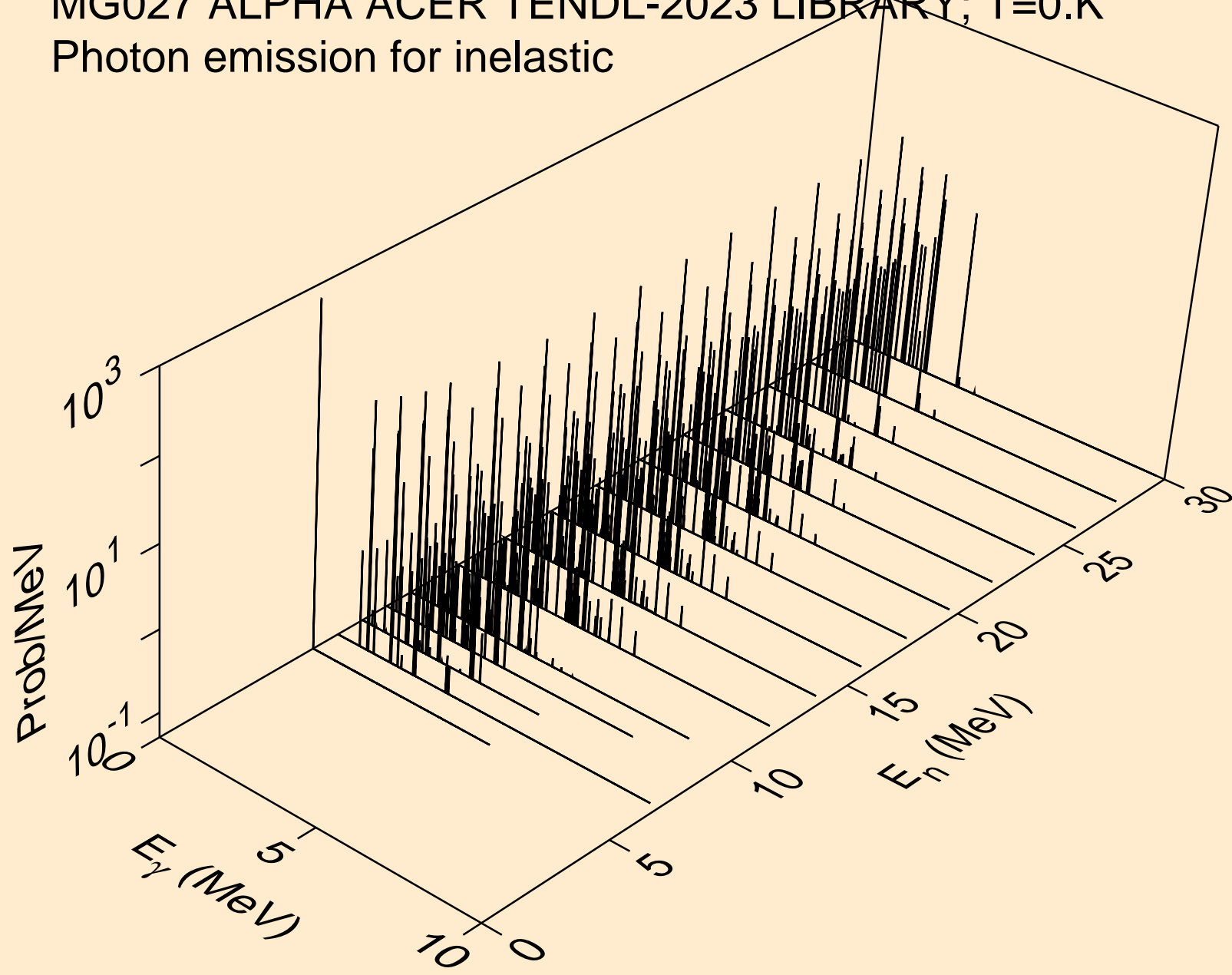
MG027 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



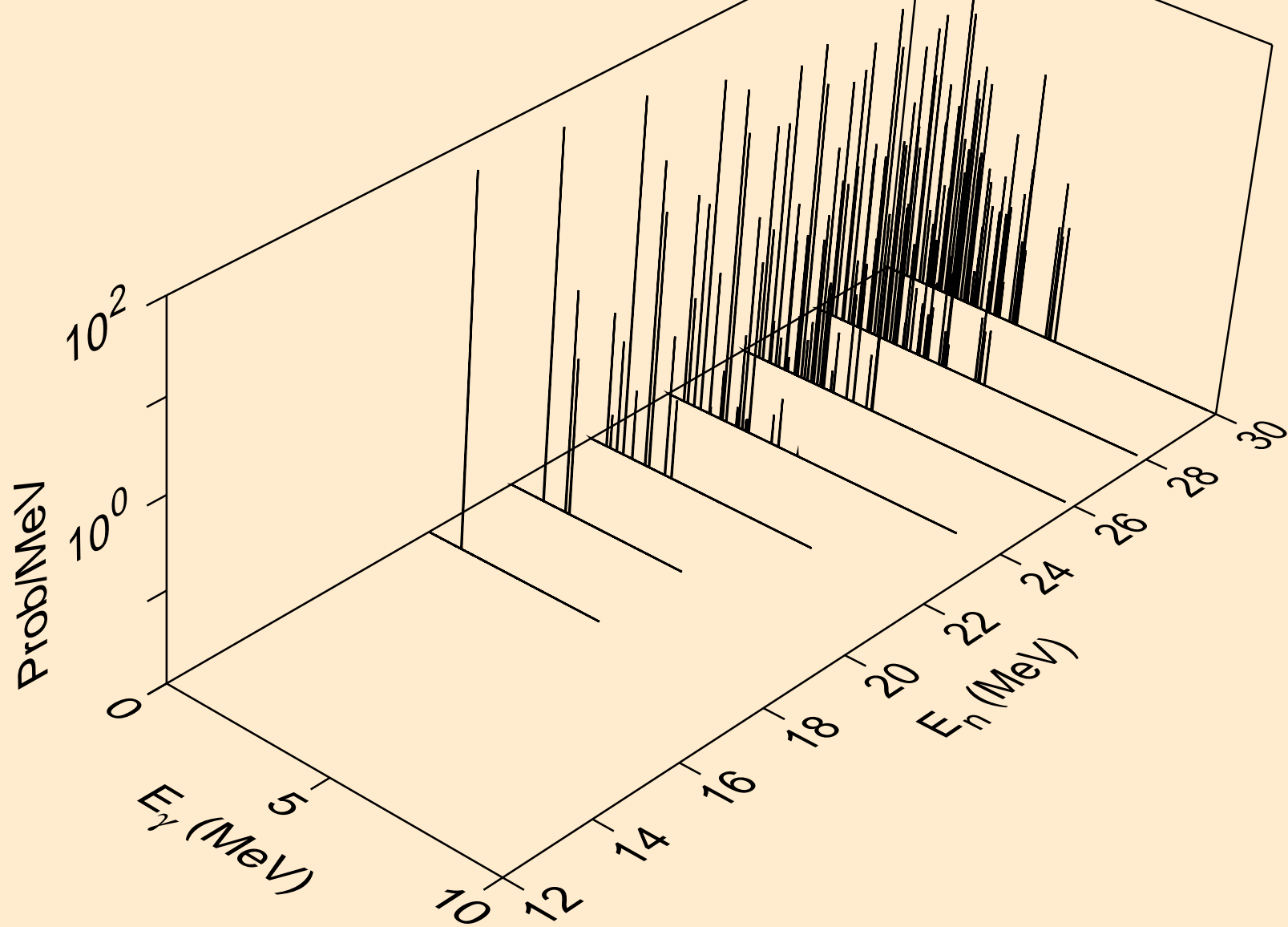
MG027 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



MG027 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

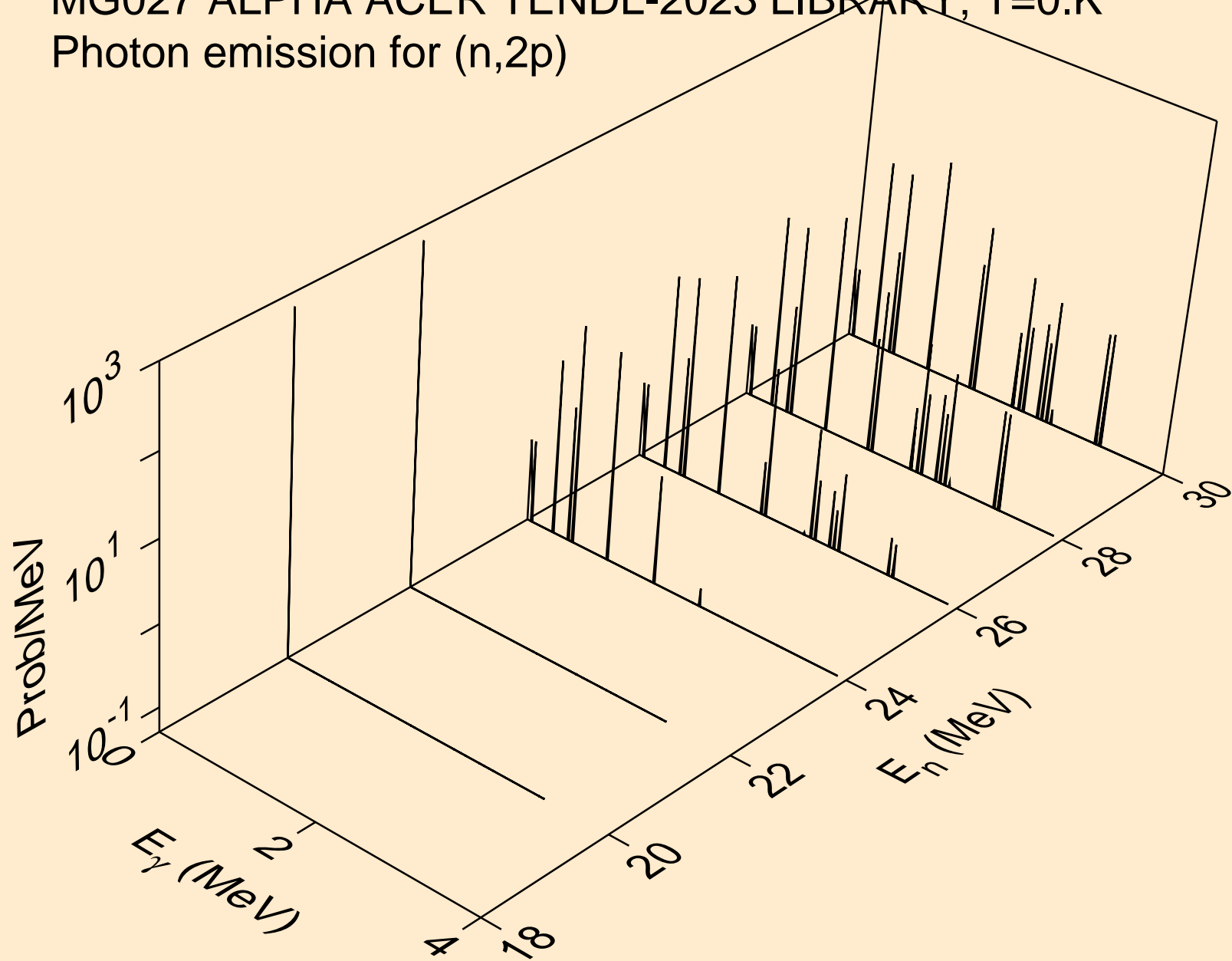


MG027 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)

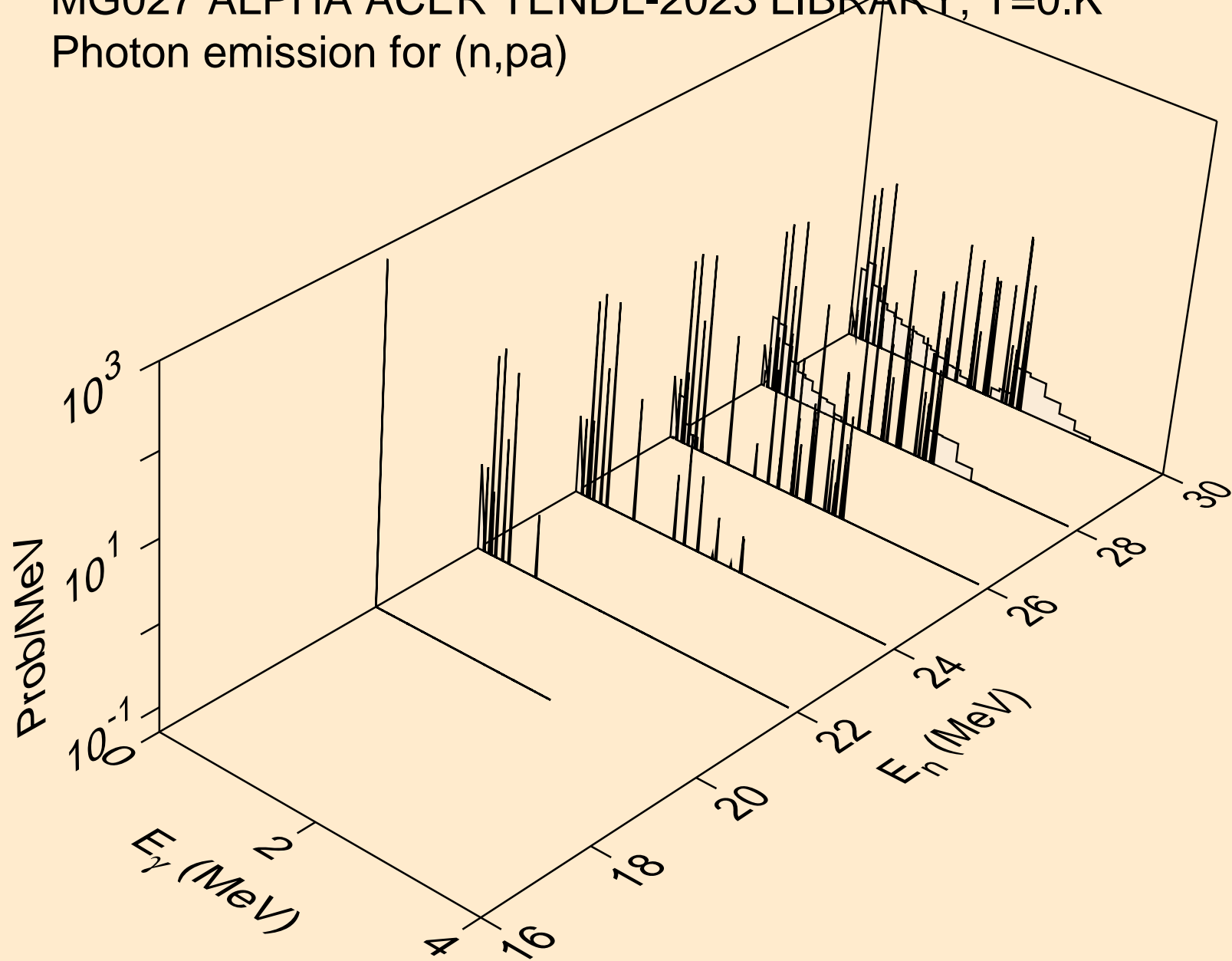




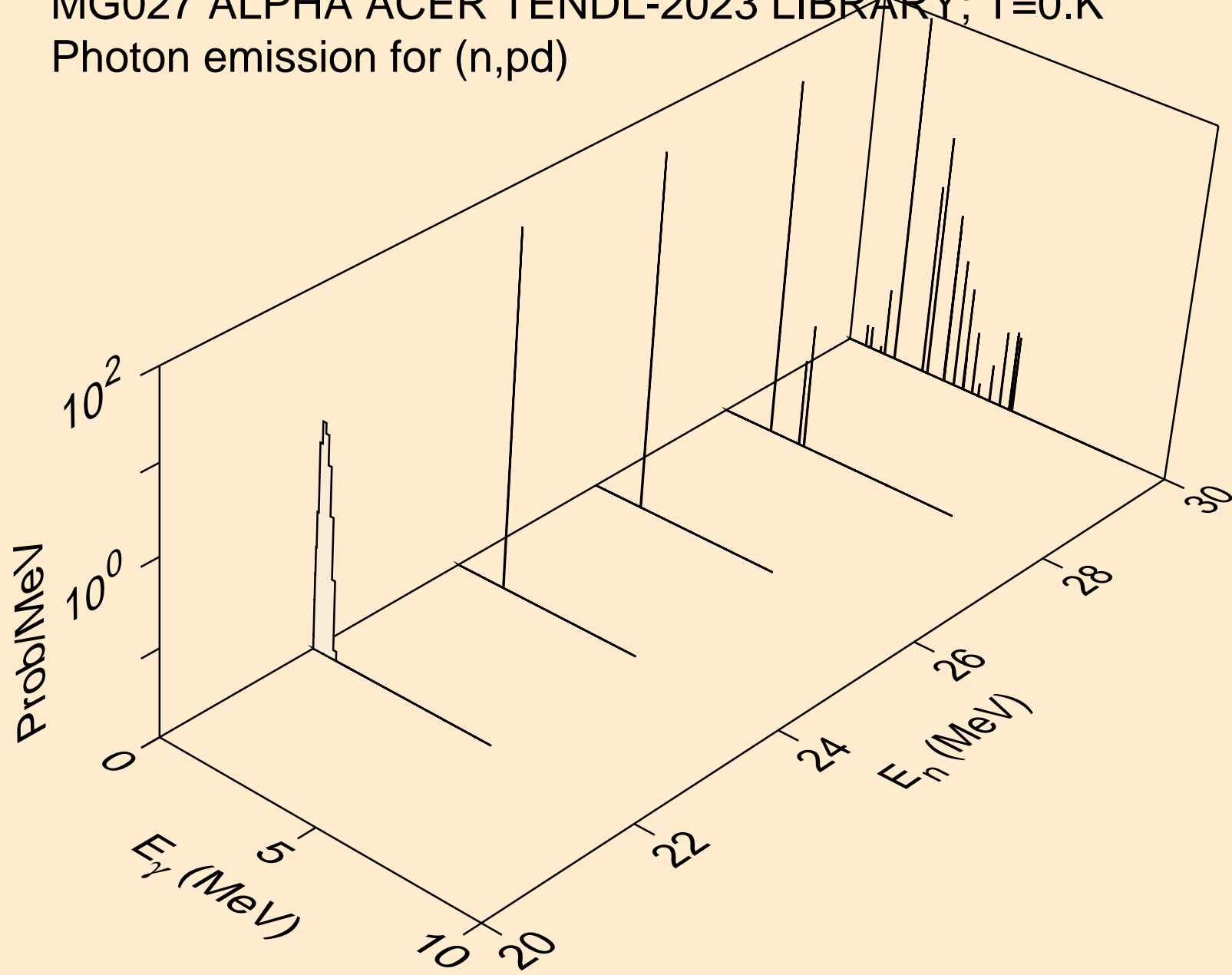
MG027 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



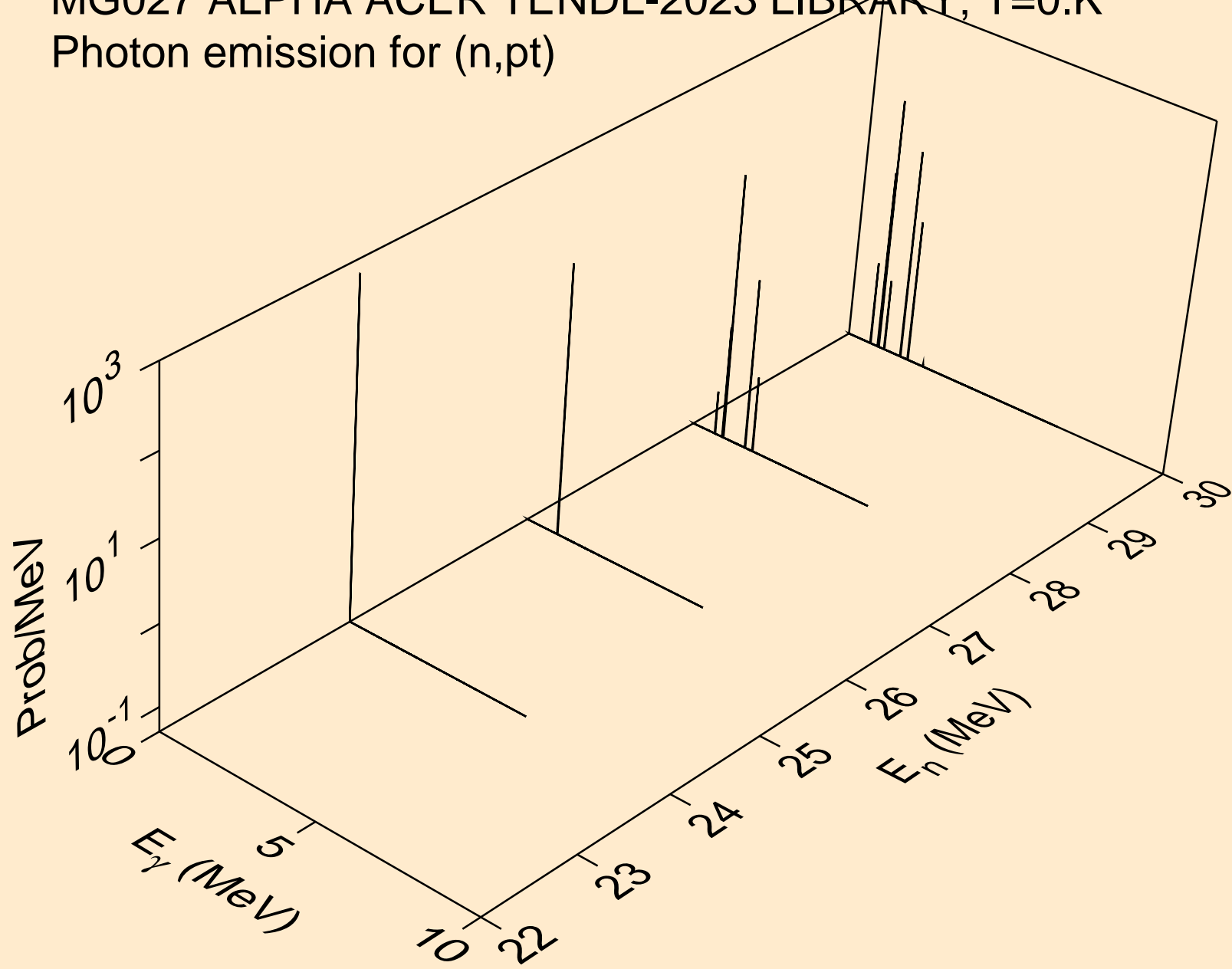
MG027 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



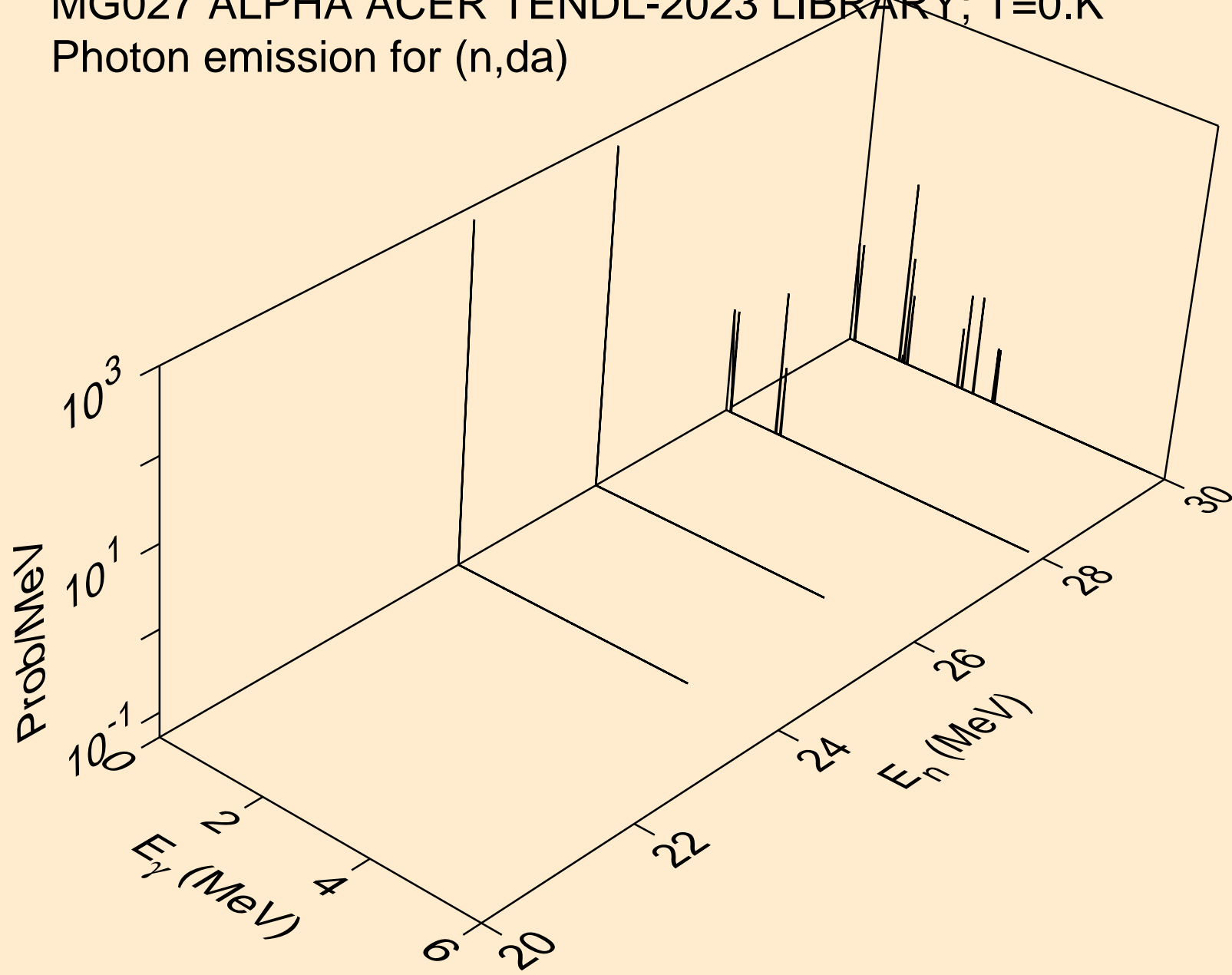
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Photon emission for (n,pd)



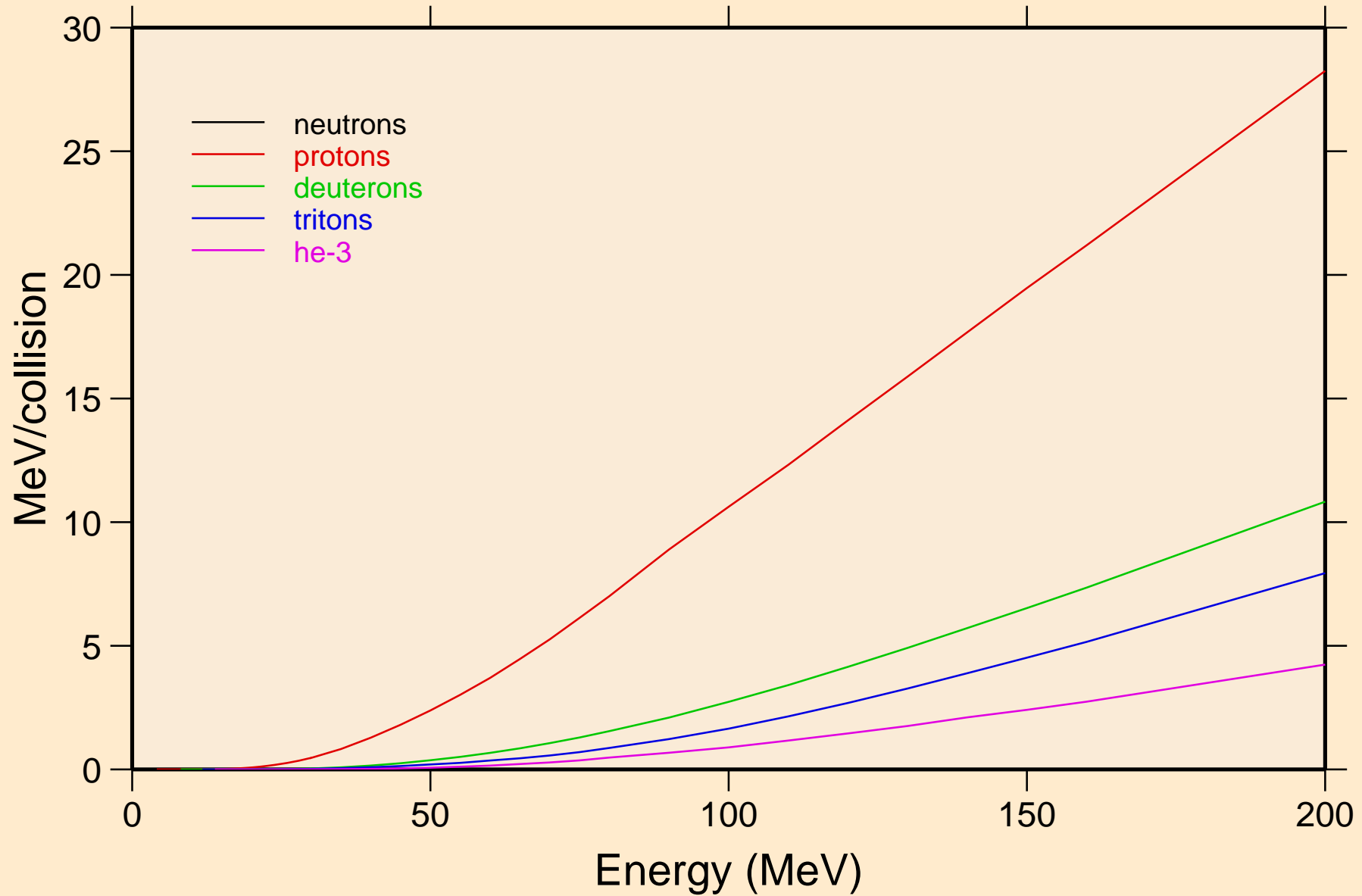
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Photon emission for (n,pt)



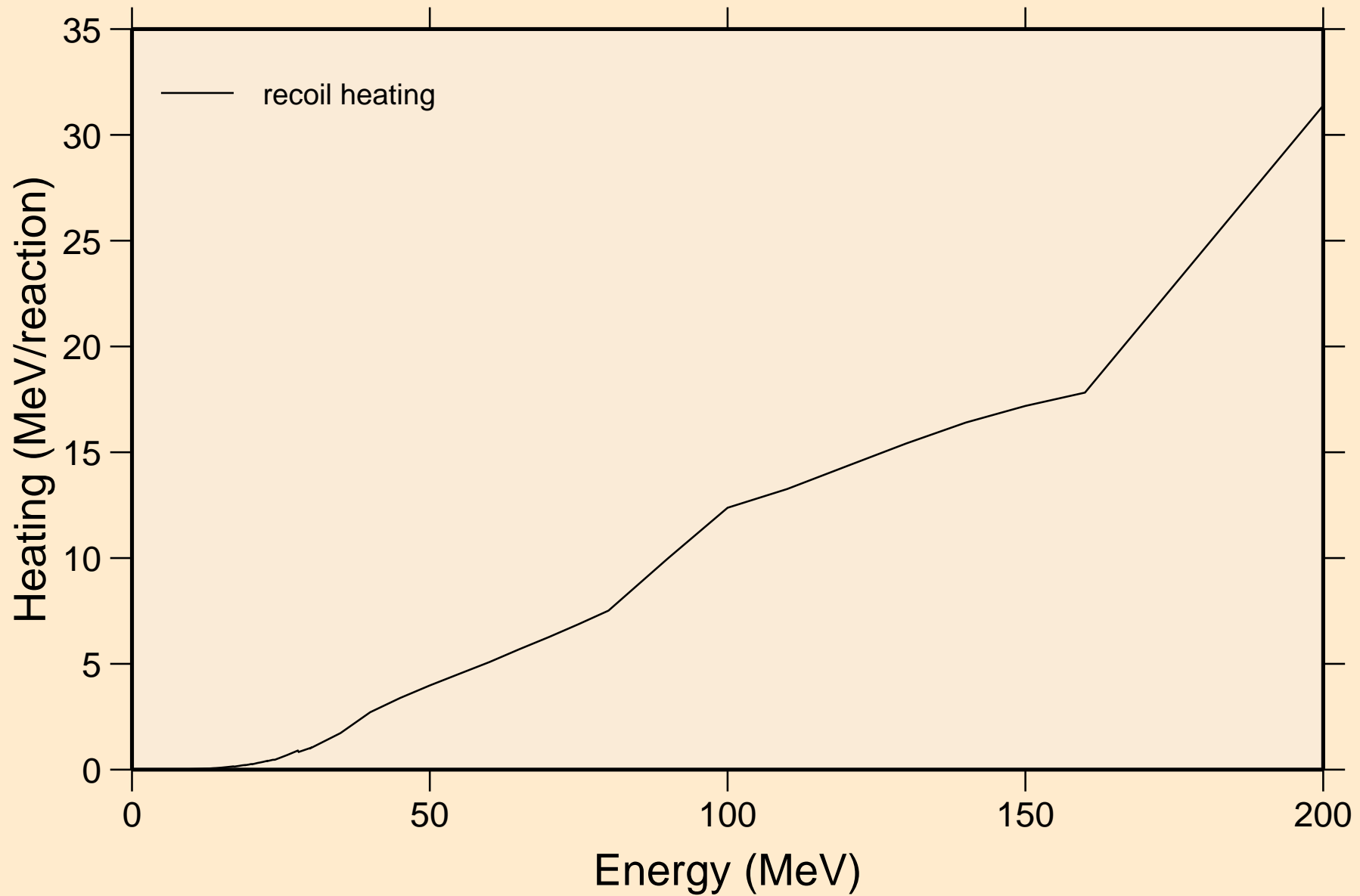
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Photon emission for (n,da)



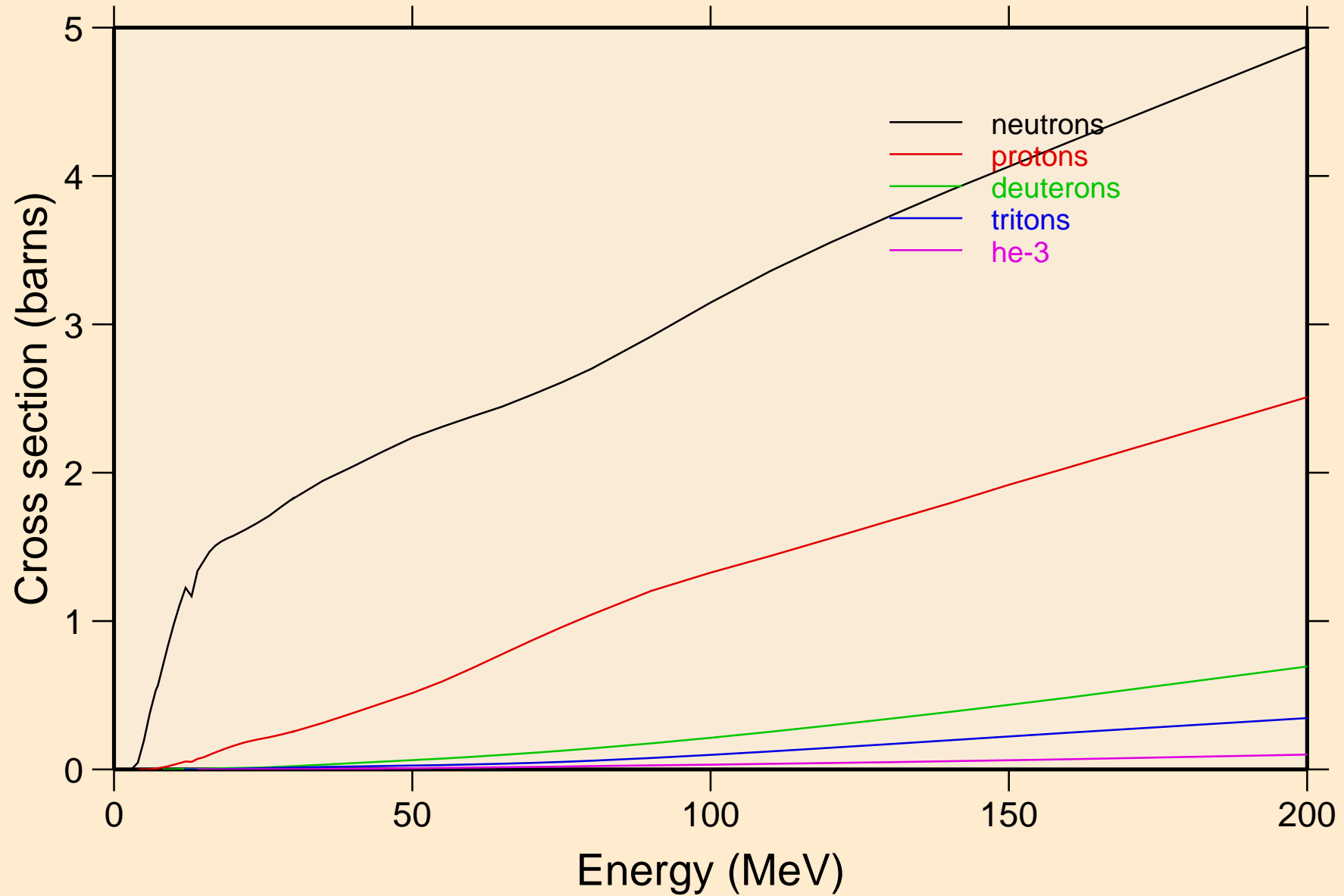
MG027 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



MG027 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

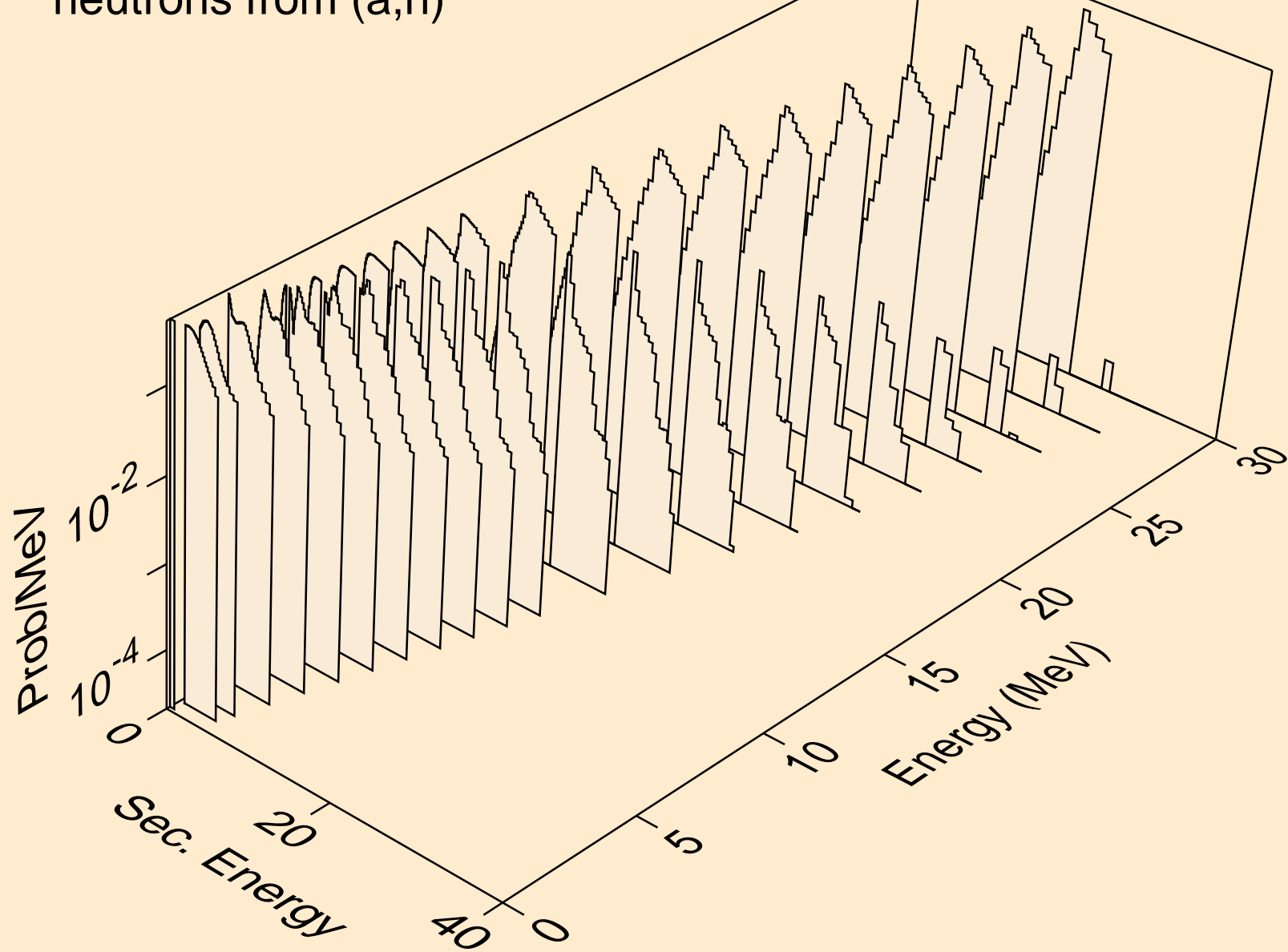


MG027 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections

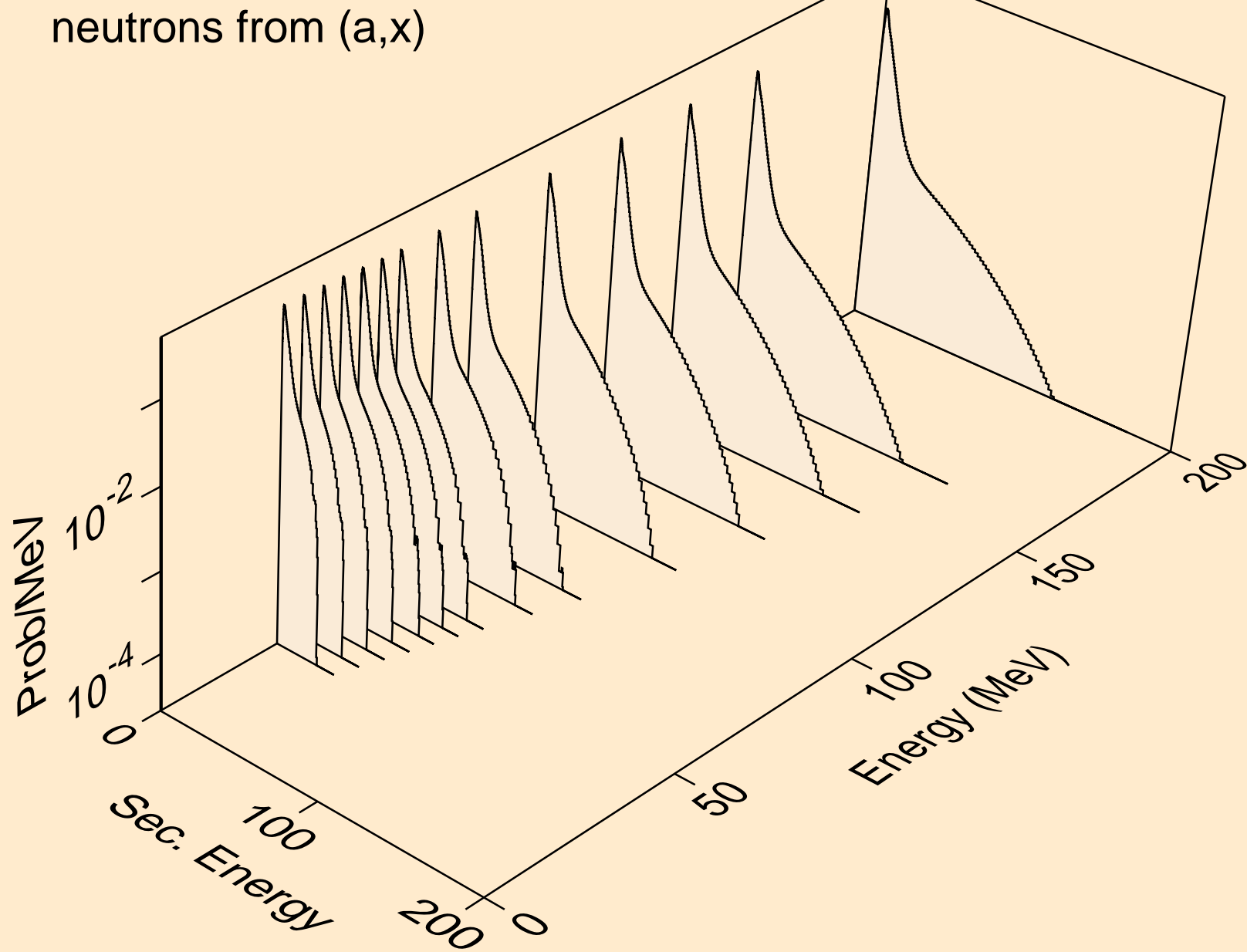




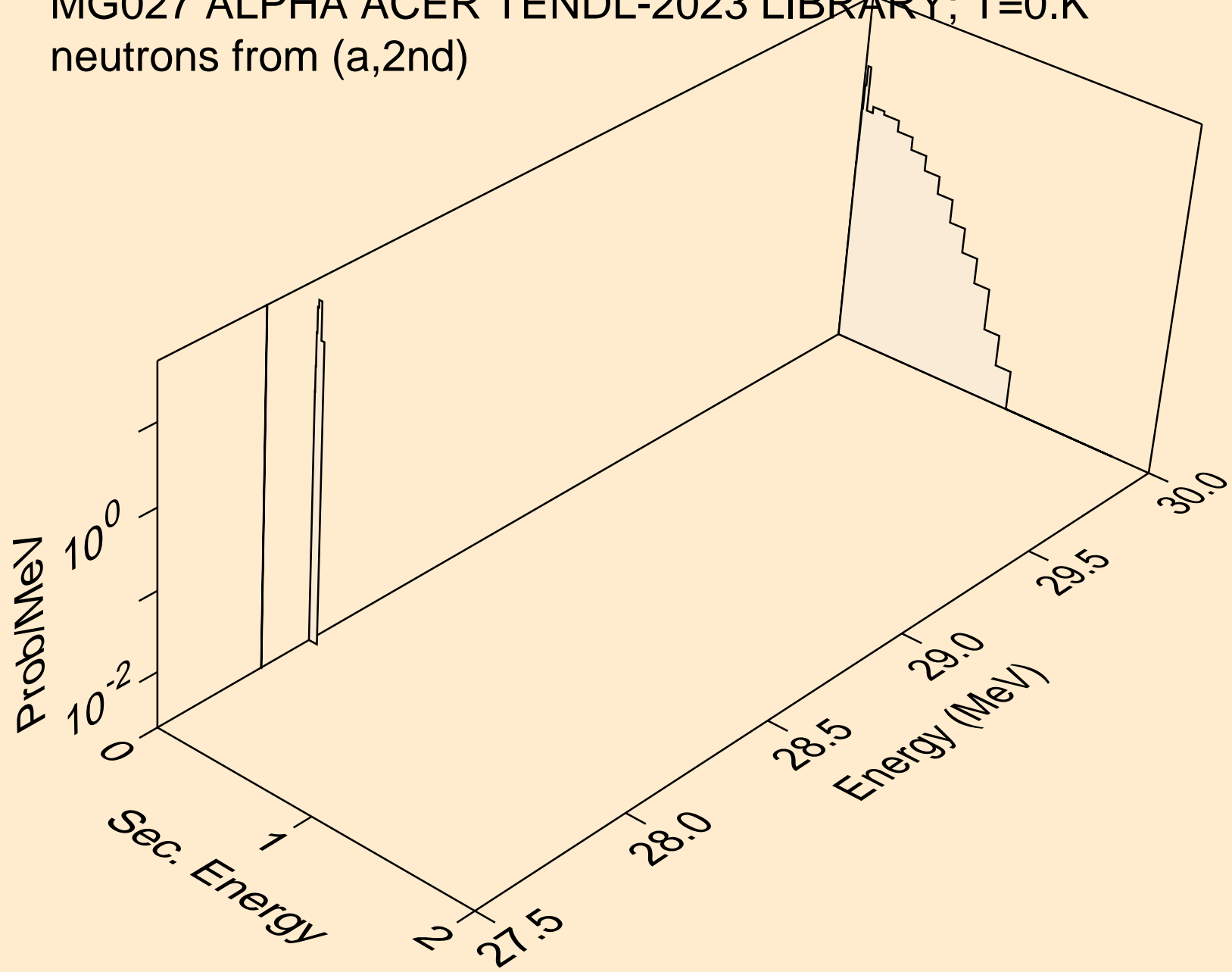
MG027 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)



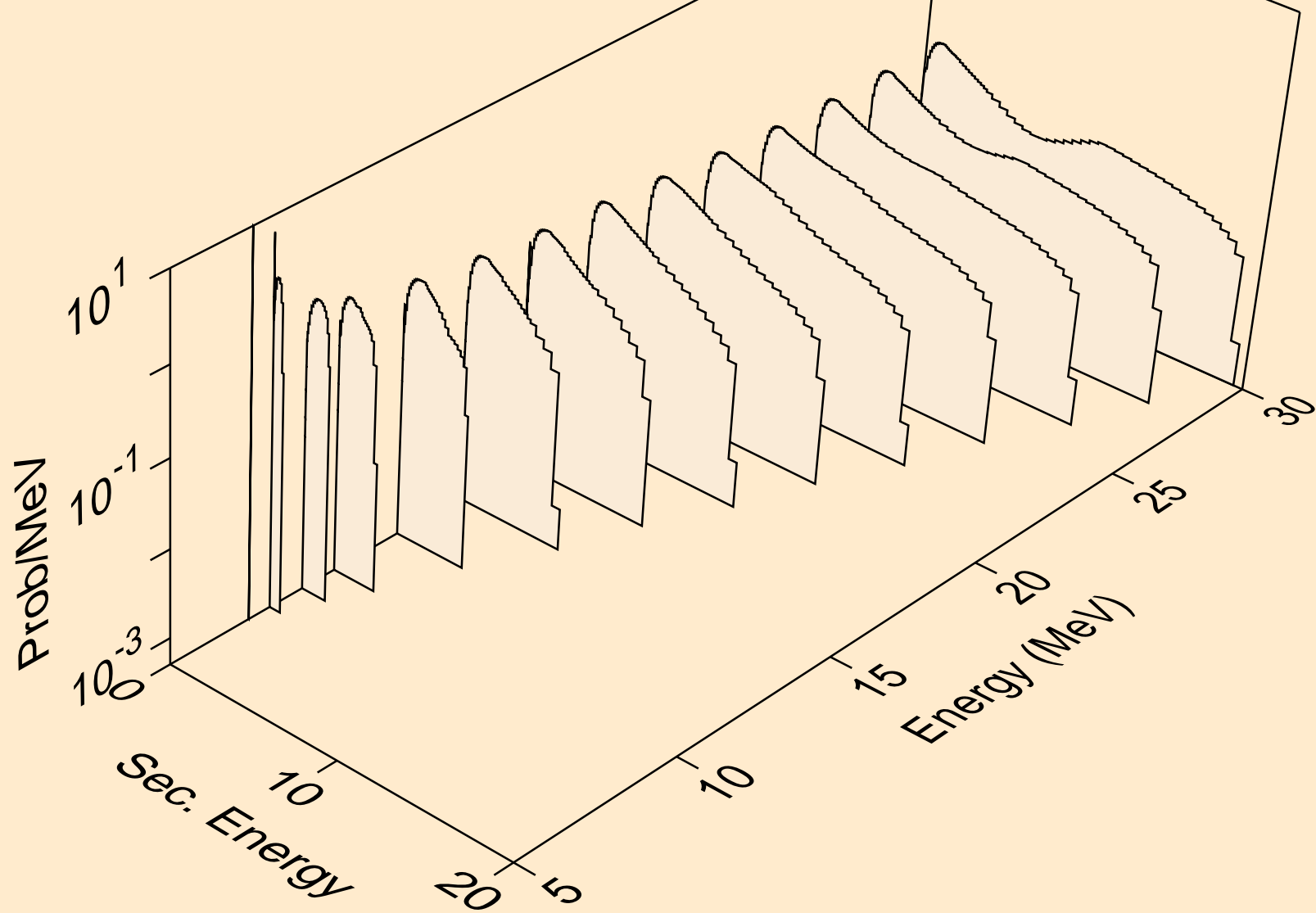
MG027 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)



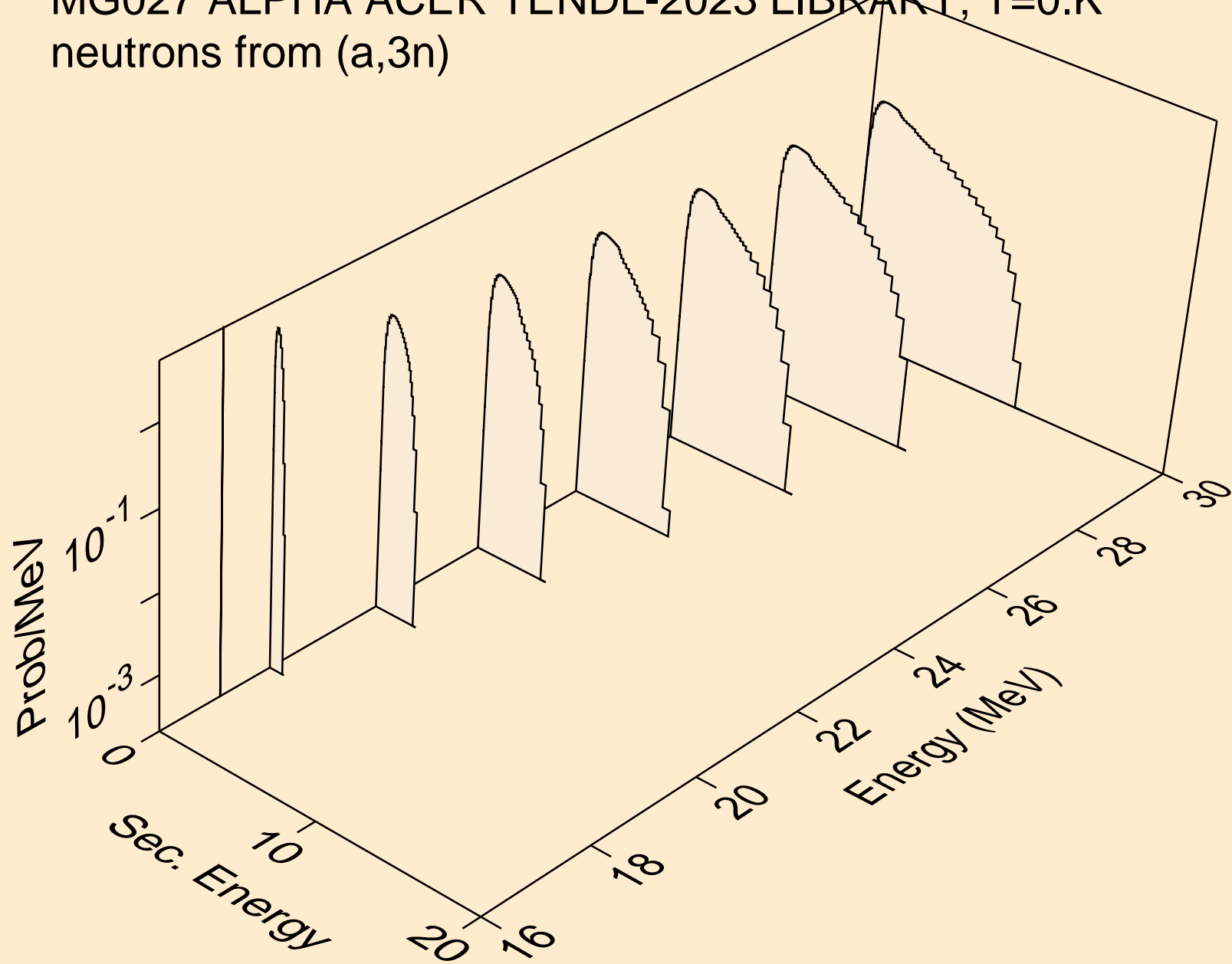
MG027 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2nd)



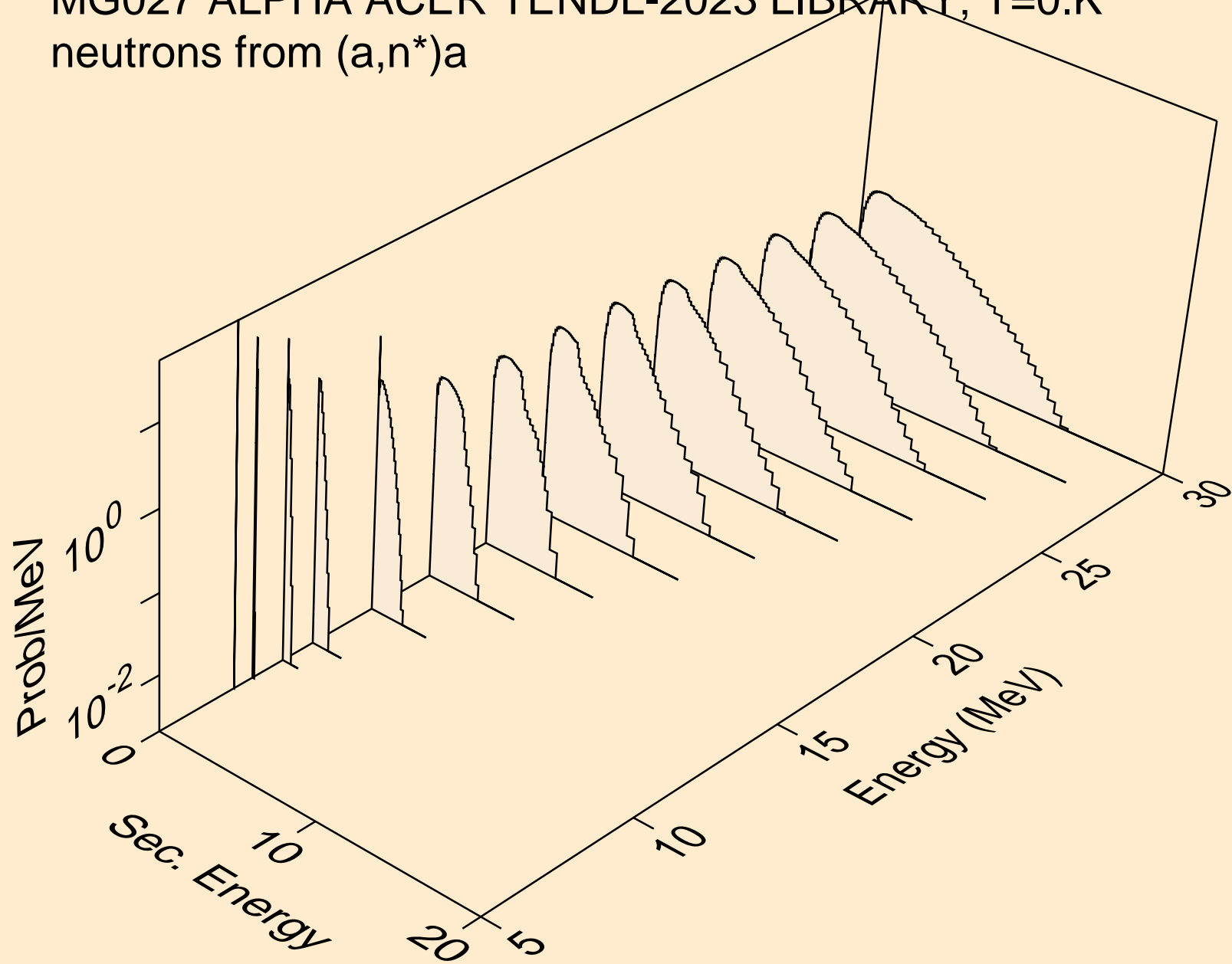
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neutrons from (a,2n)



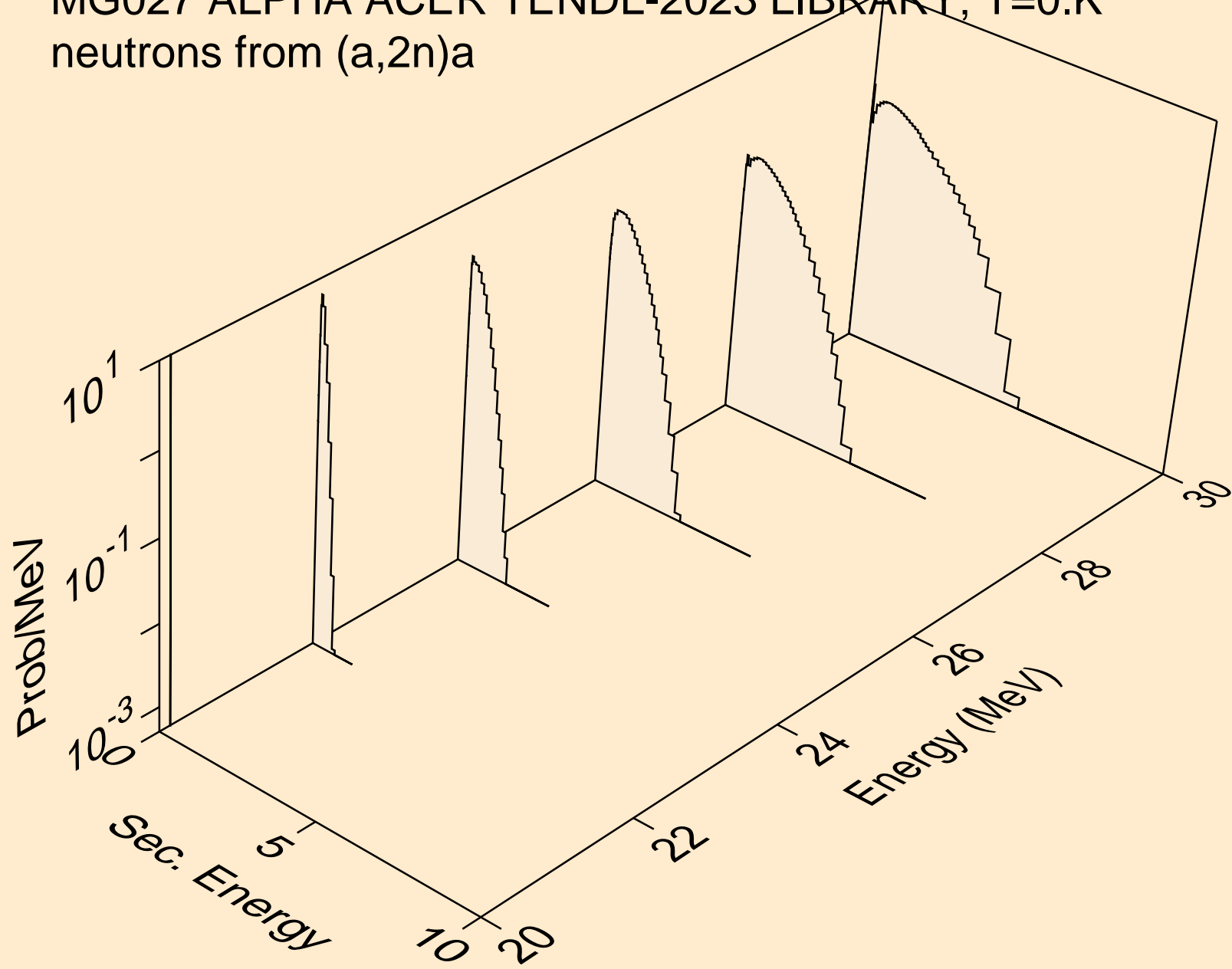
MG027 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3n)



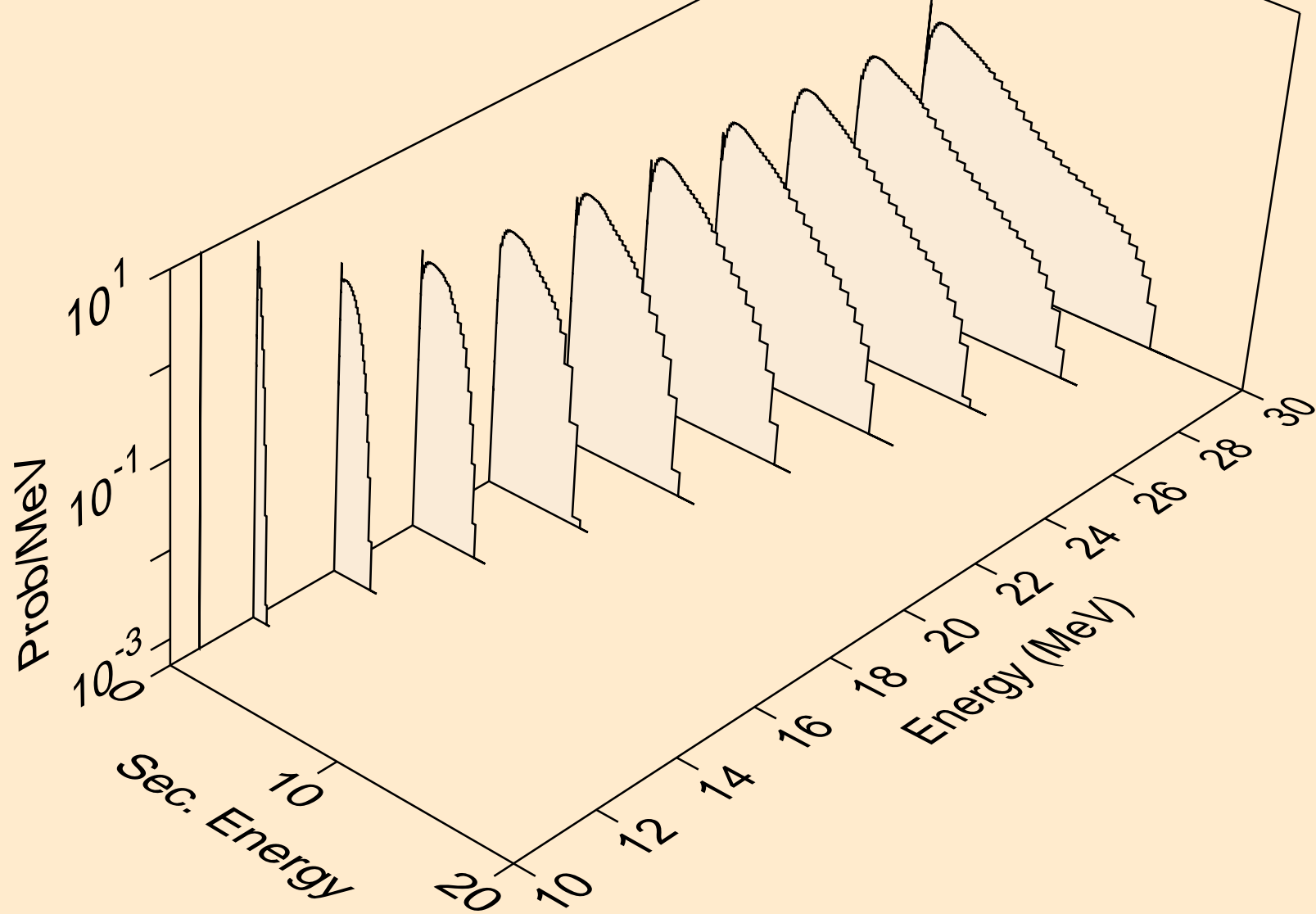
MG027 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a



MG027 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)a

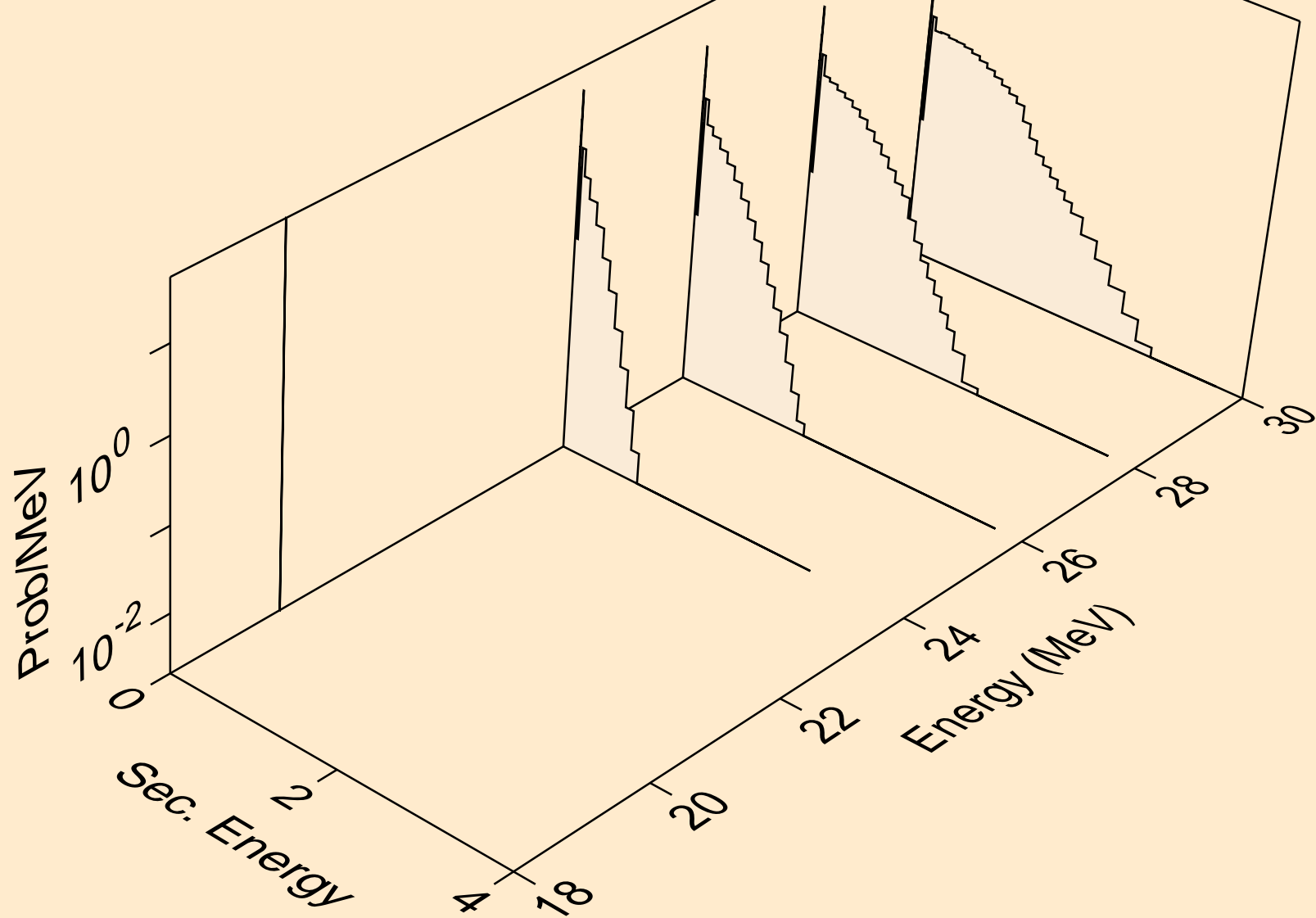


MG027 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)p

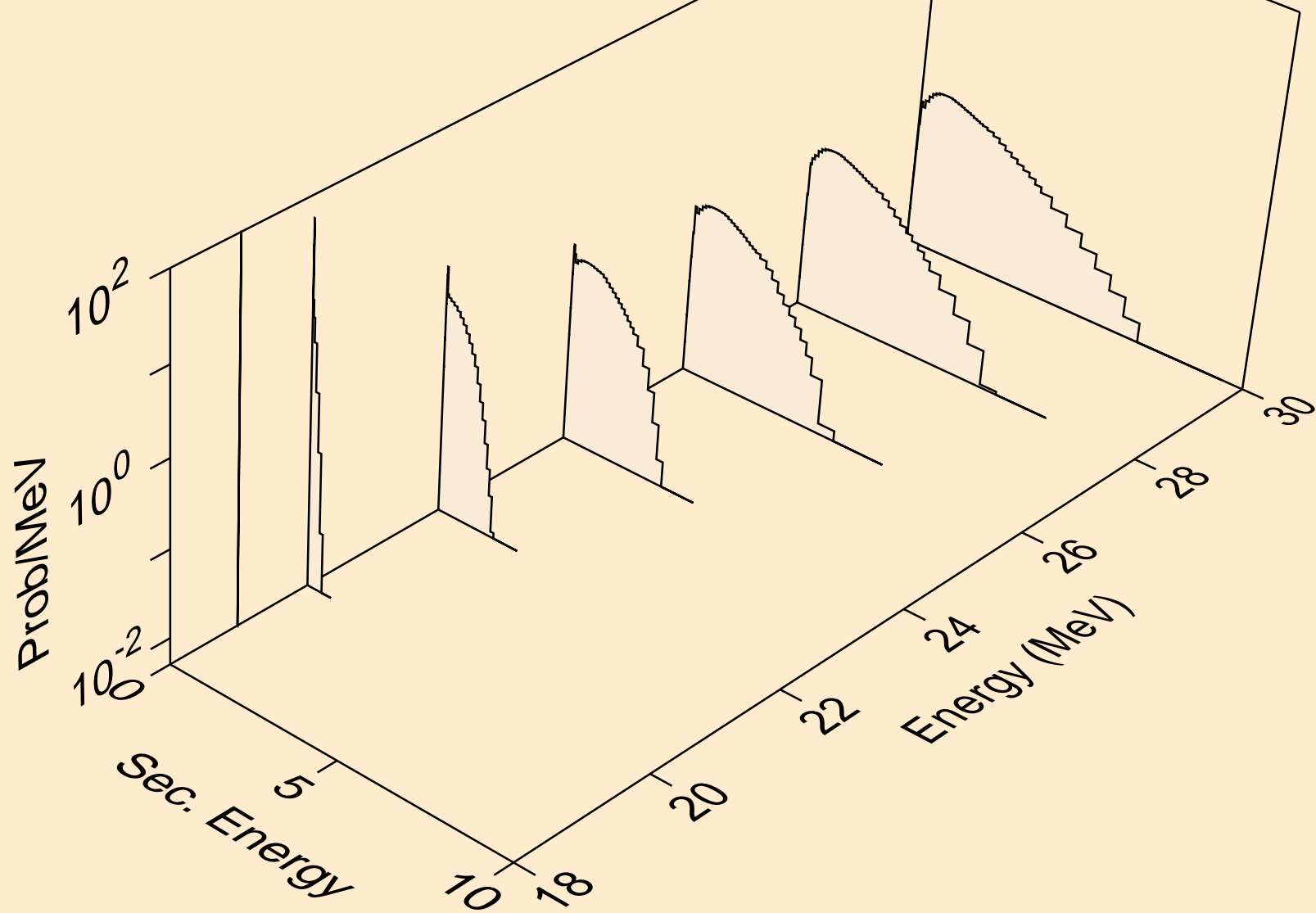




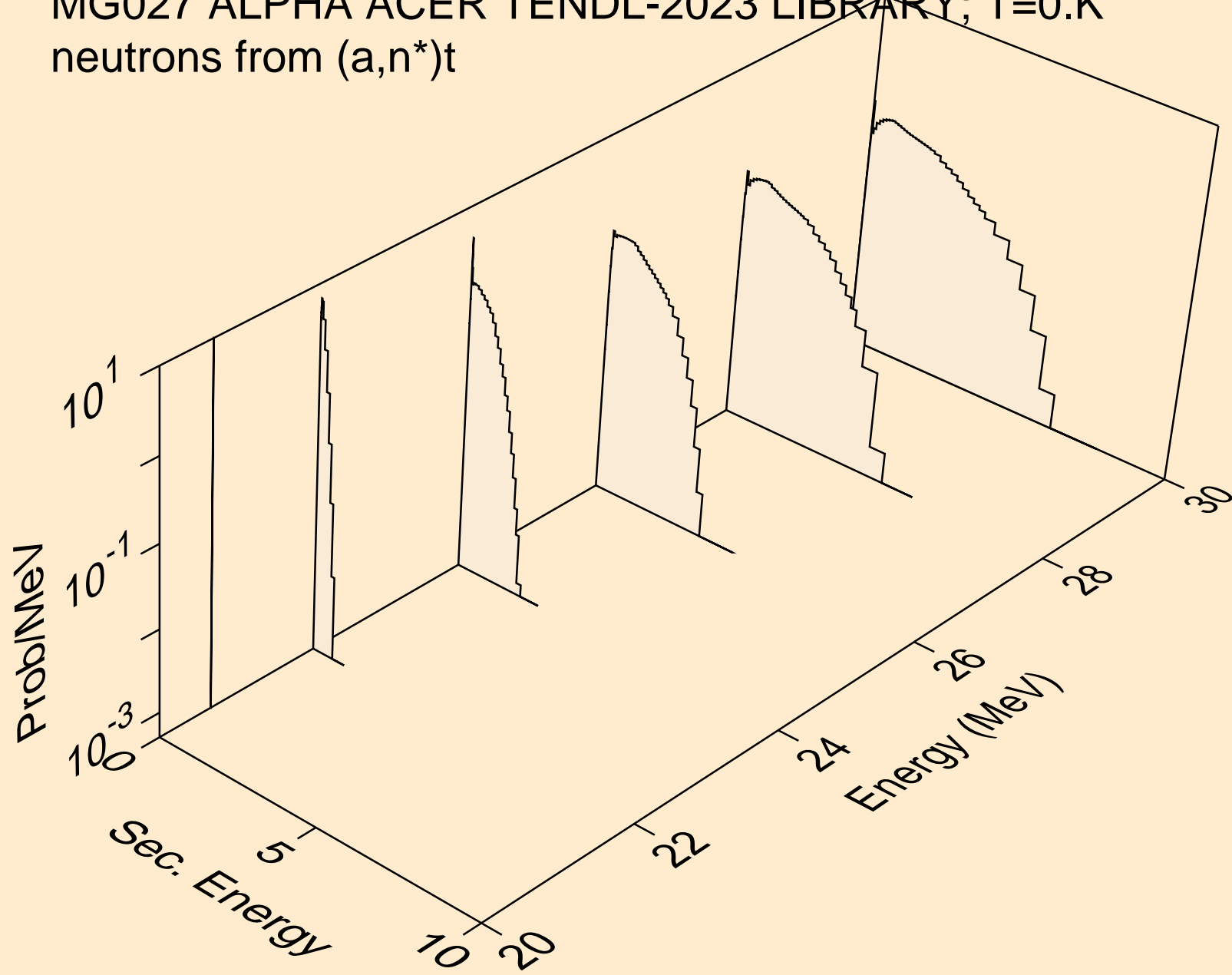
MG027 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)2a



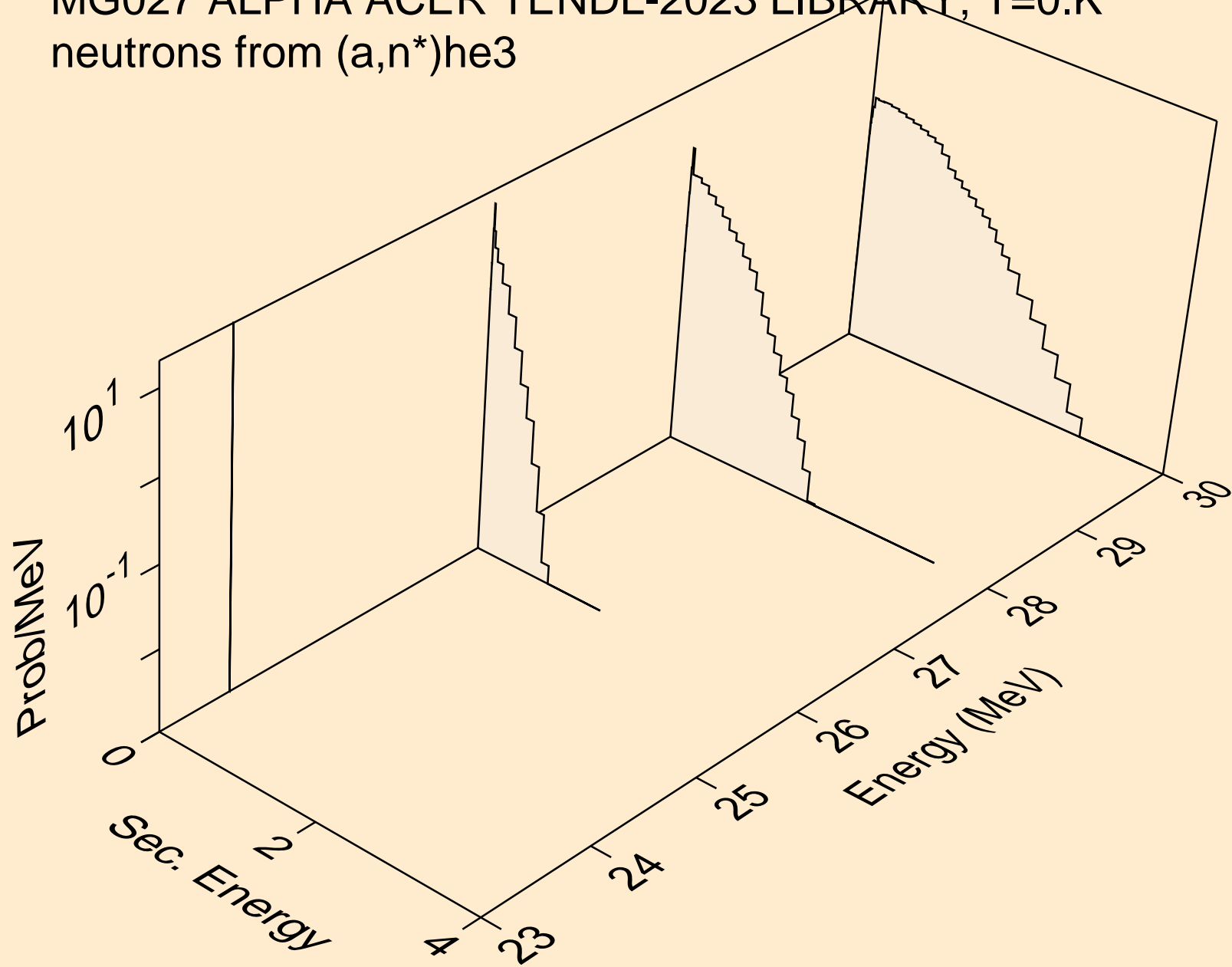
MG027 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)d



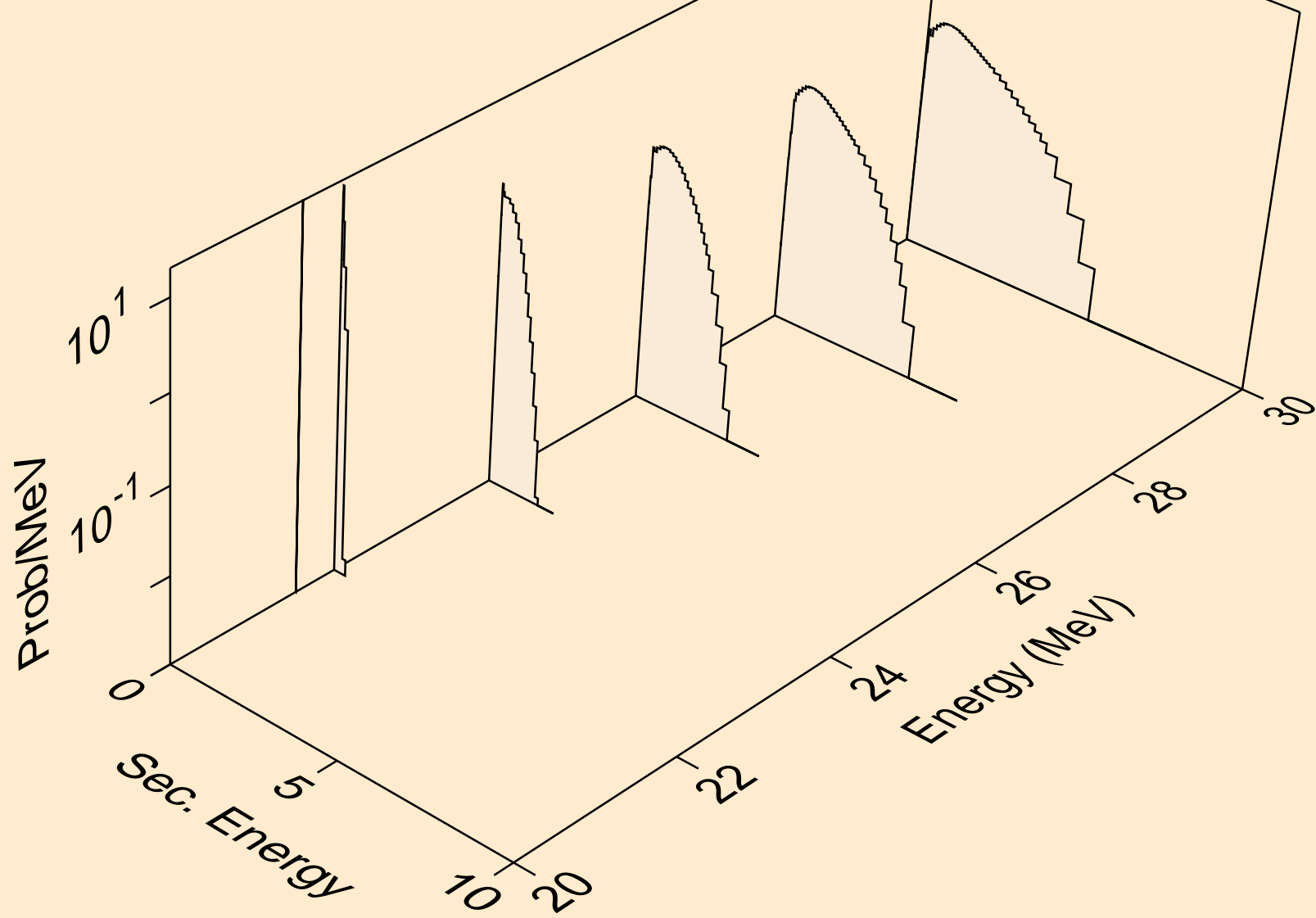
MG027 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)t



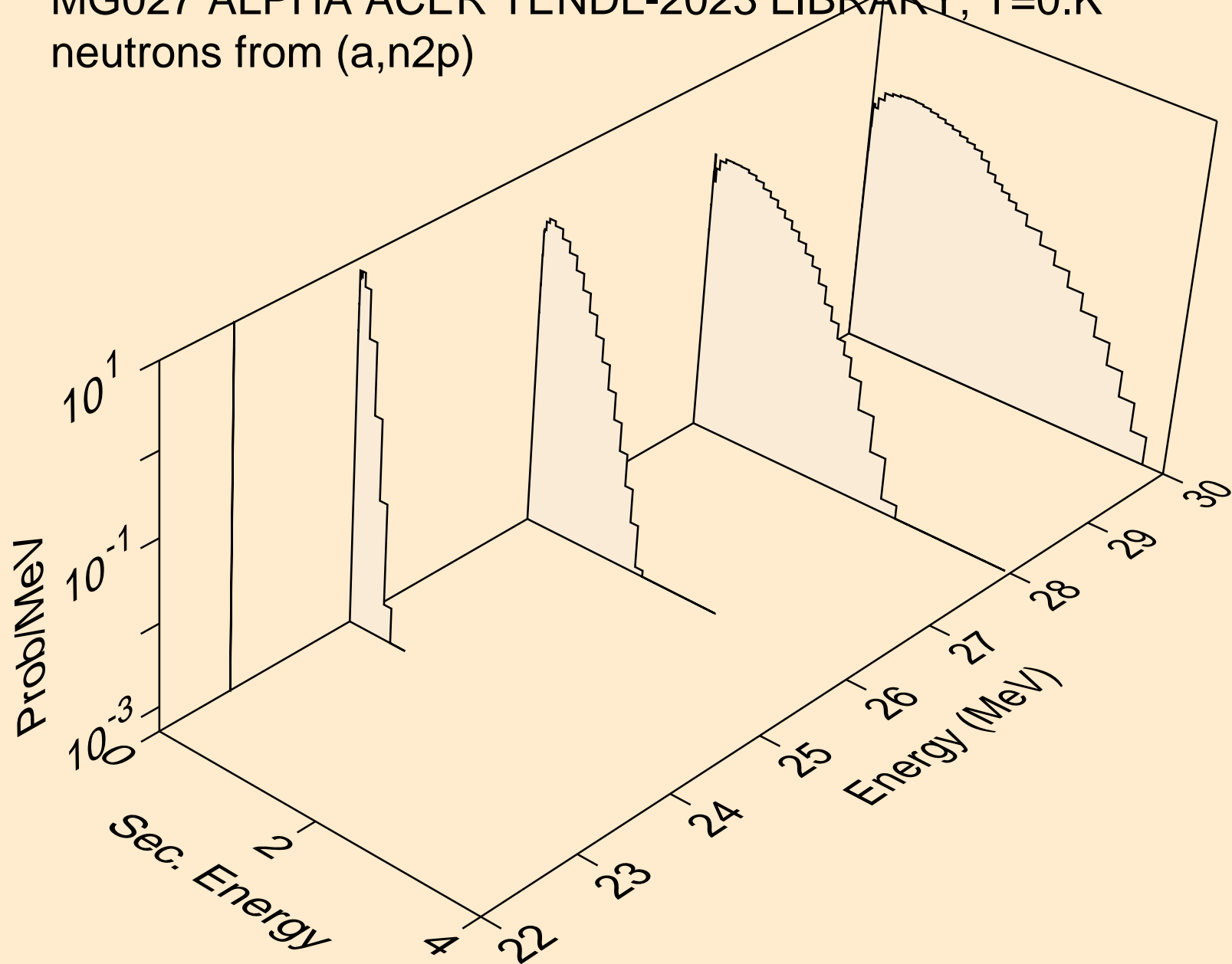
MG027 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)he3



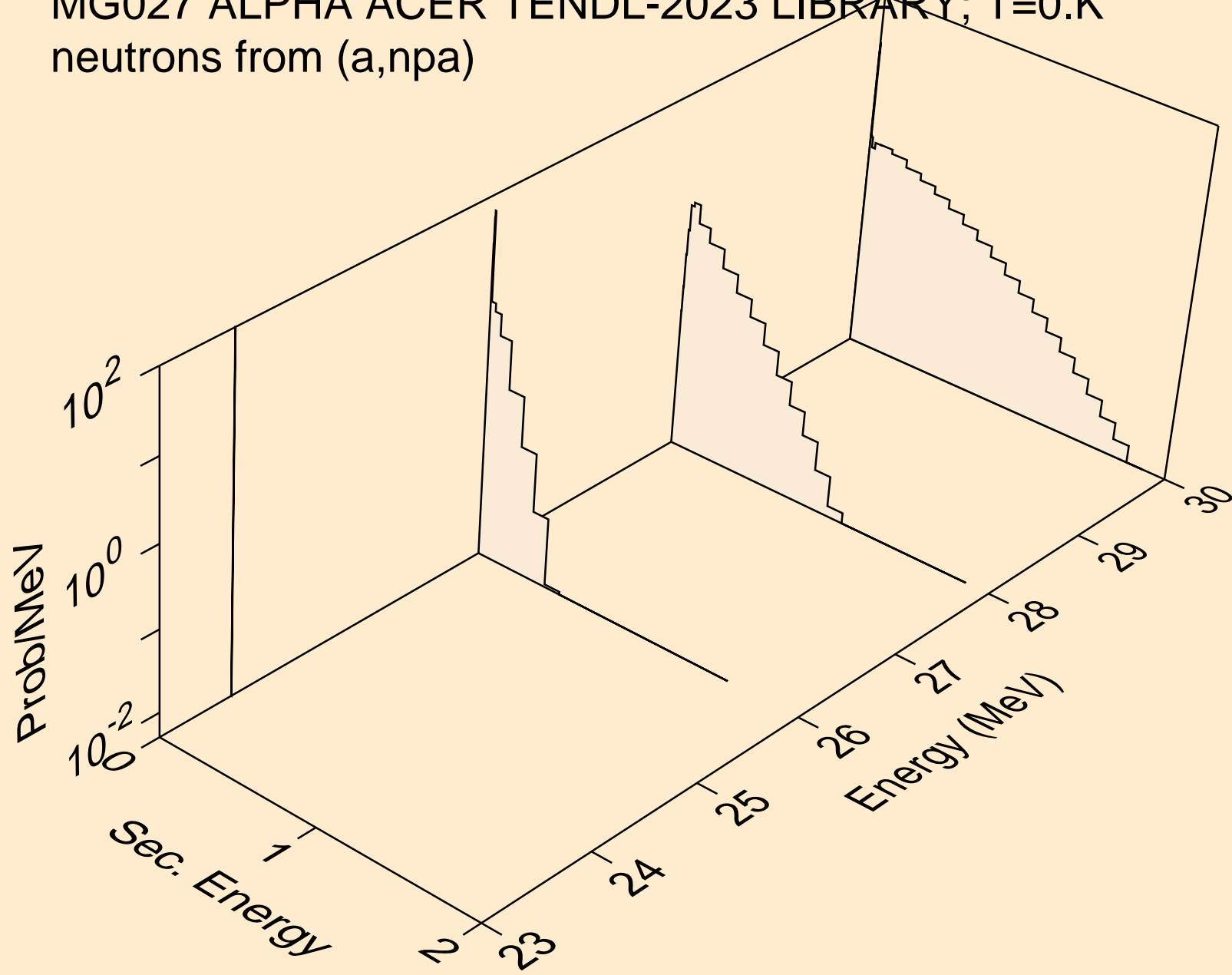
MG027 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2np)



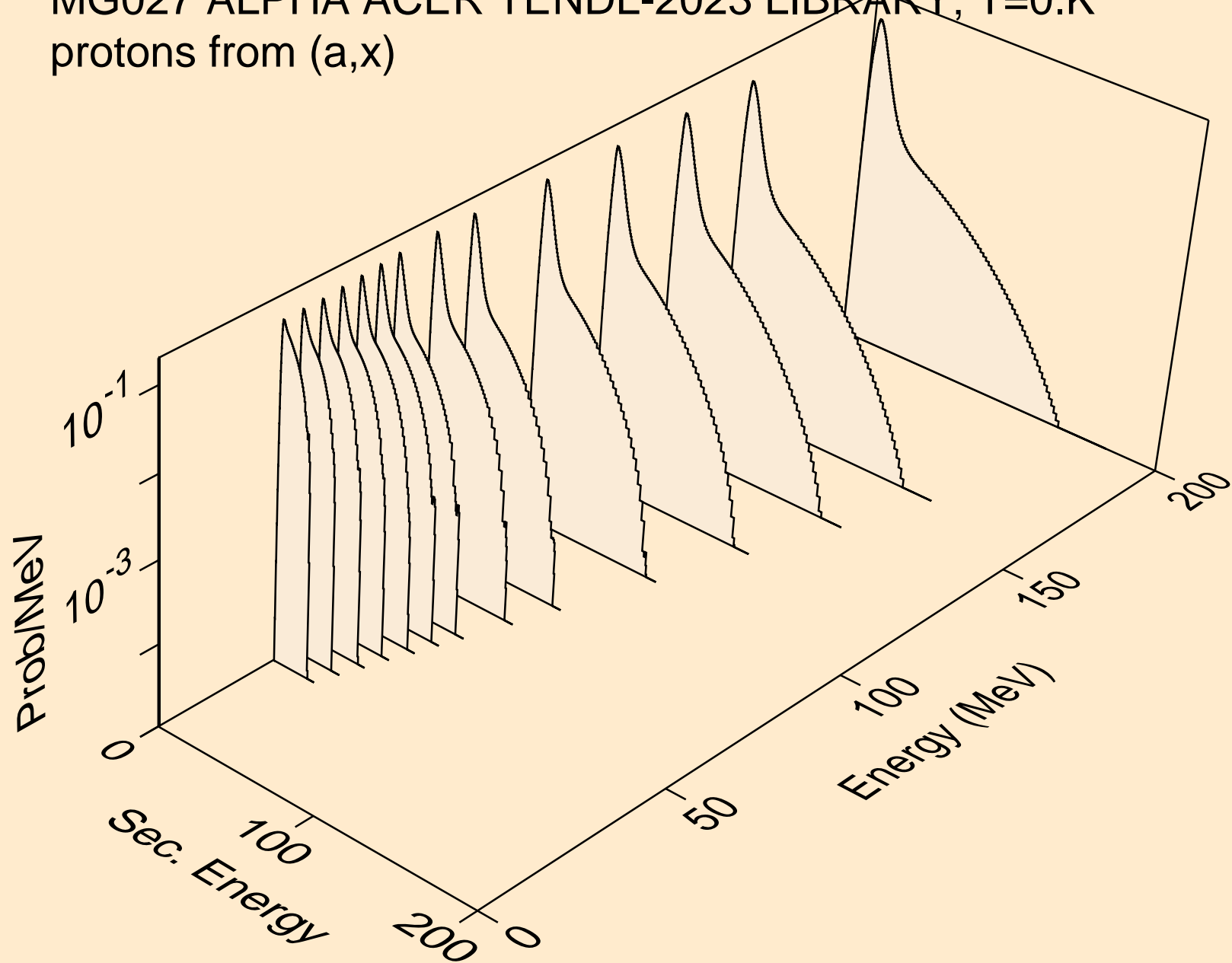
MG027 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n2p)



MG027 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,npa)

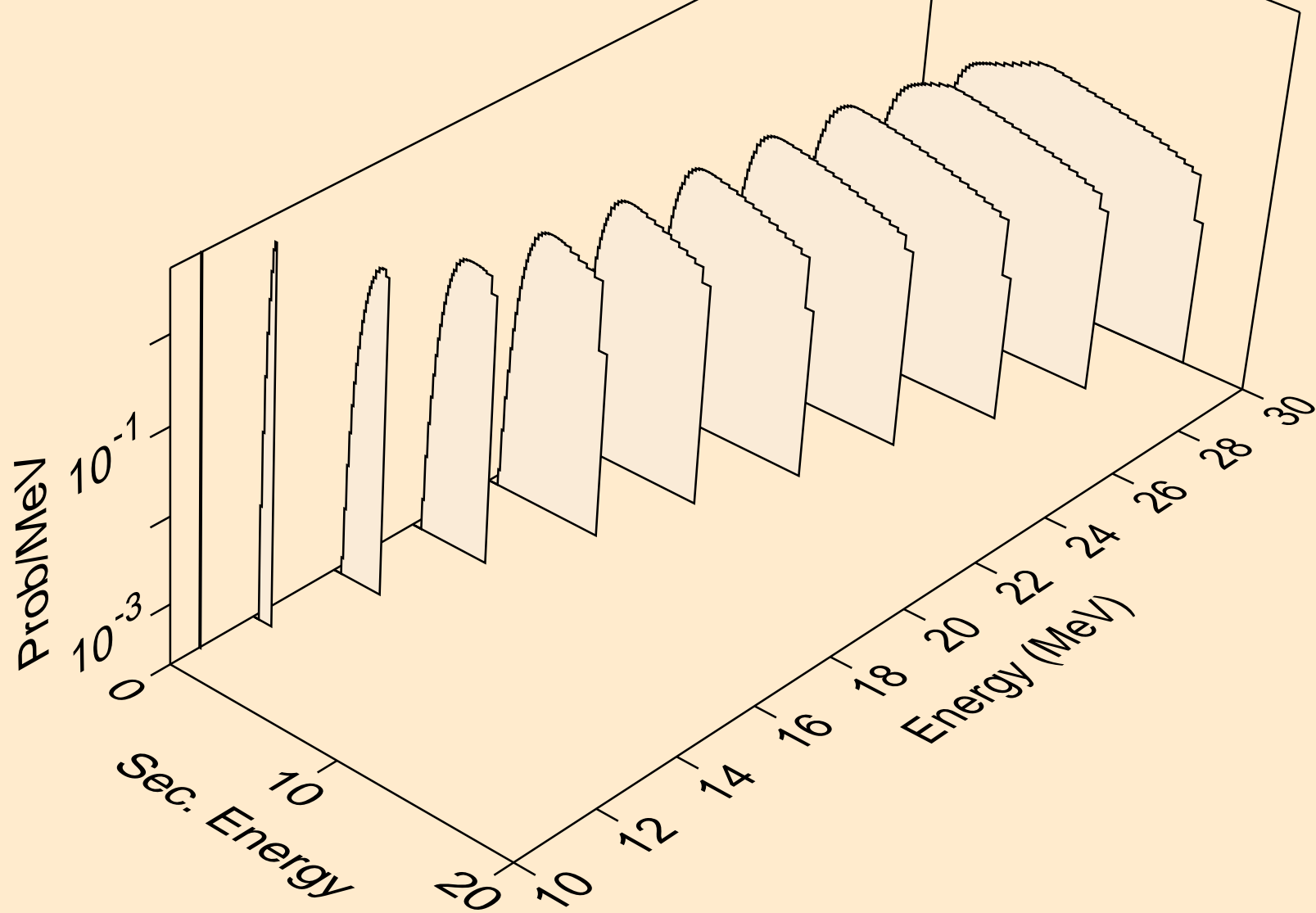


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protons from (a,x)

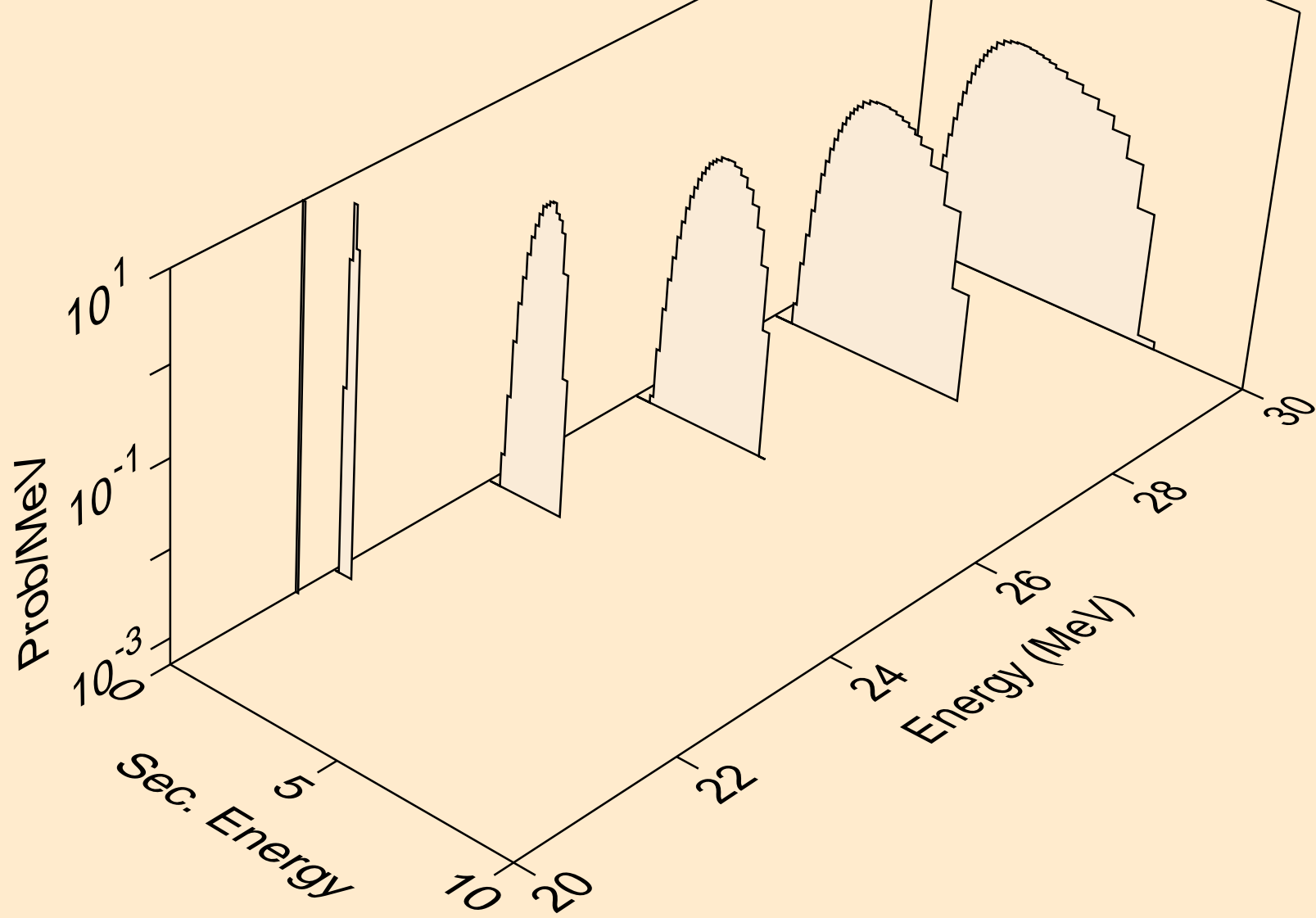




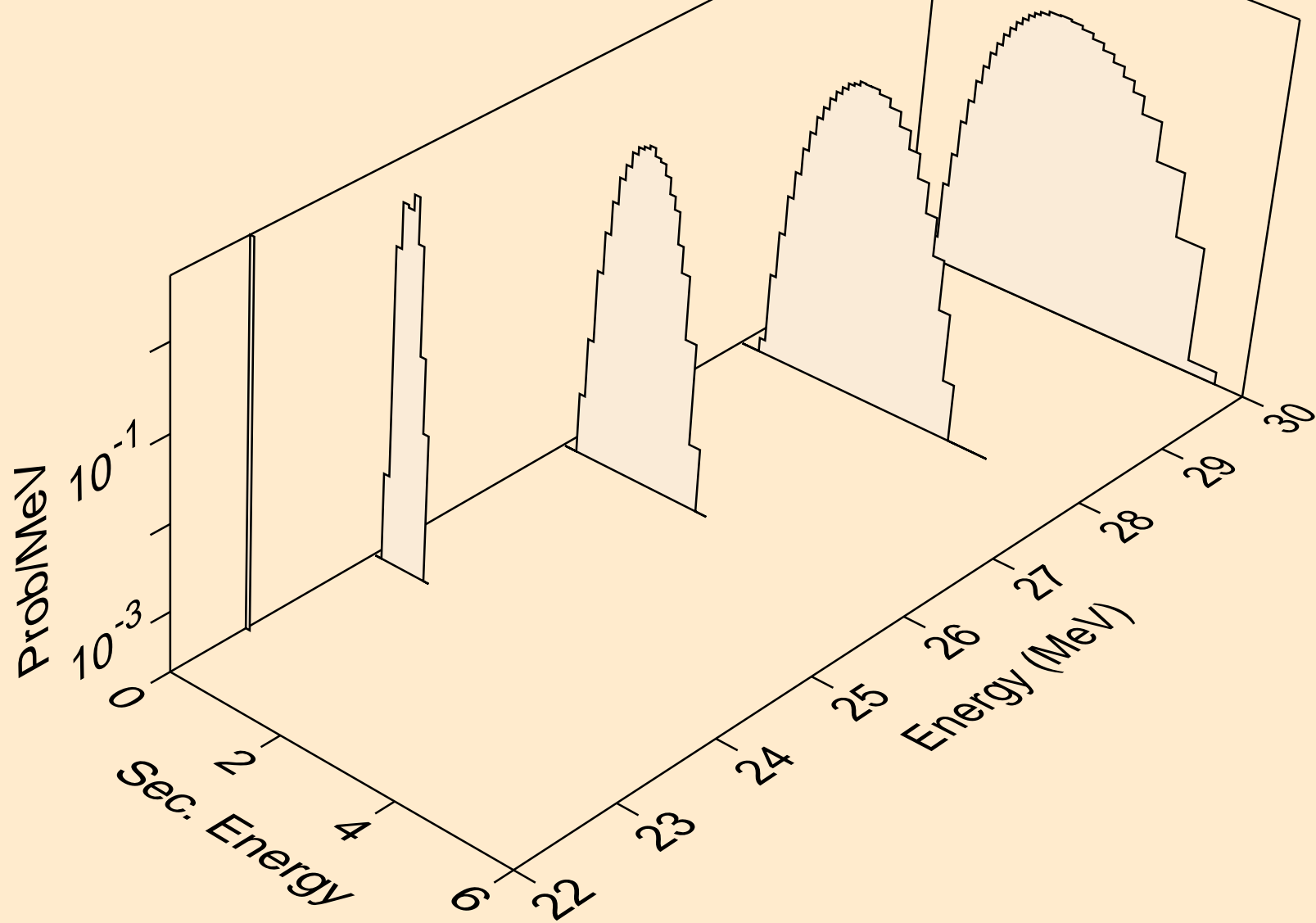
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protons from (a,n\*)p



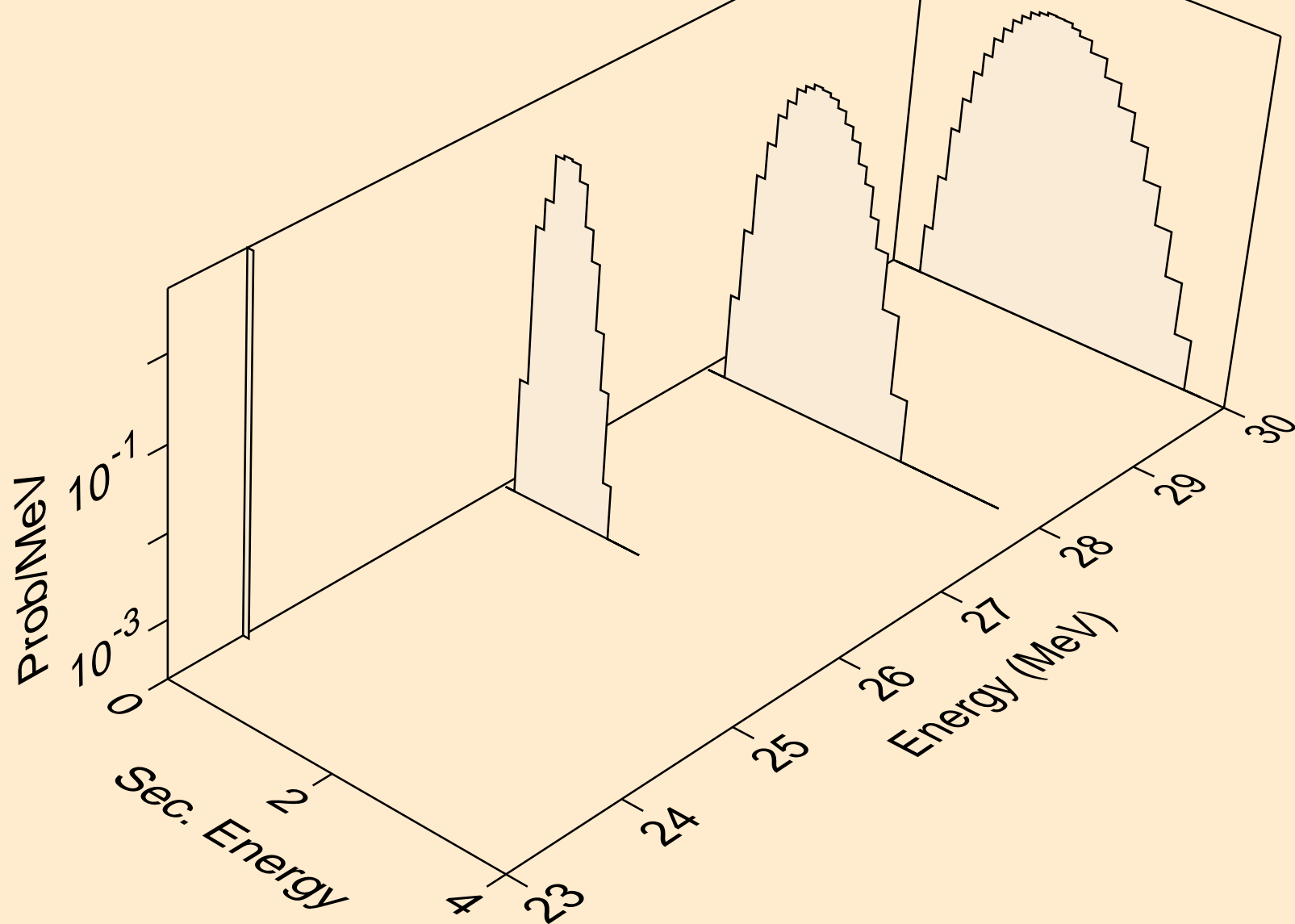
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protons from (a,2np)



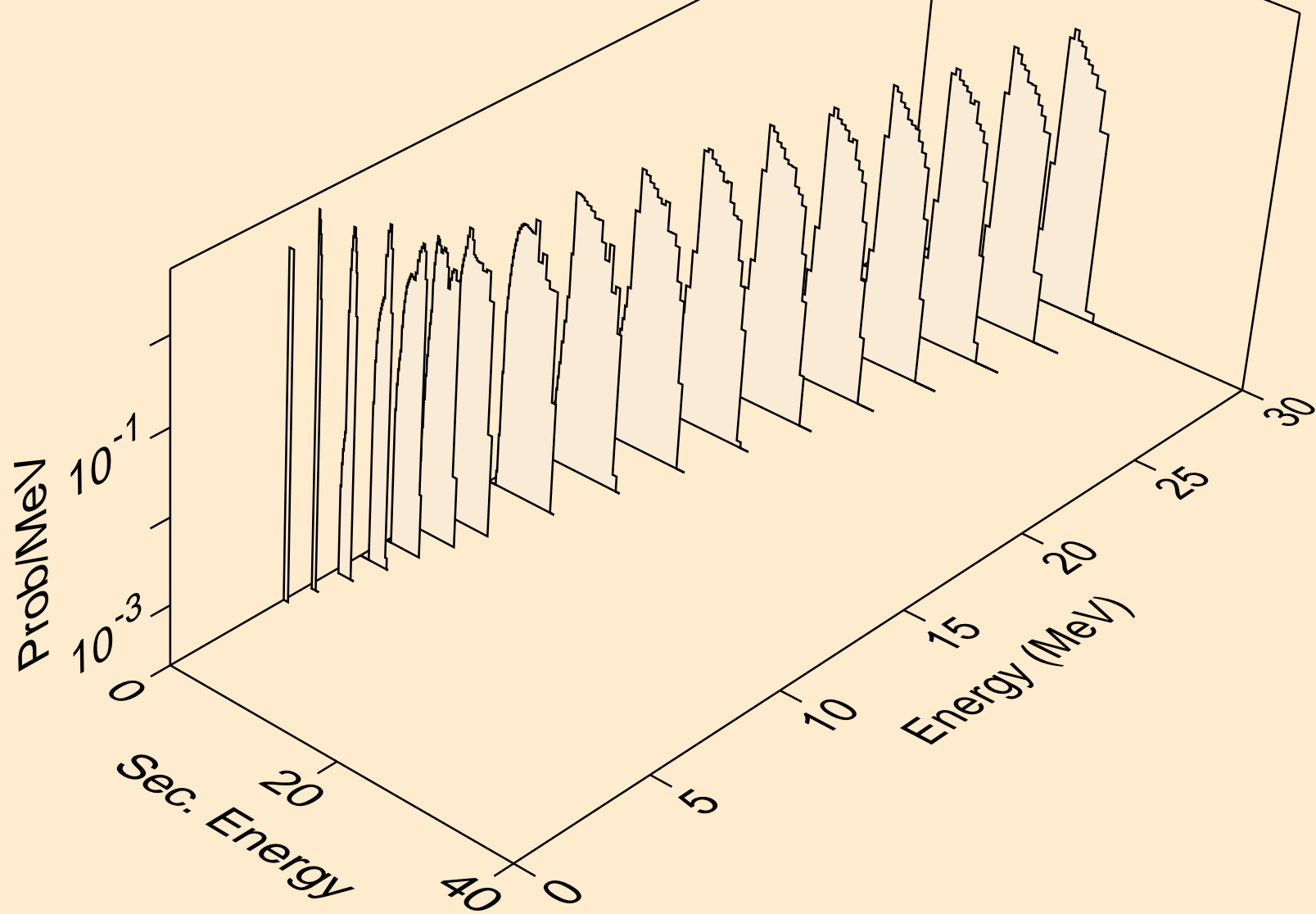
MG027 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n2p)



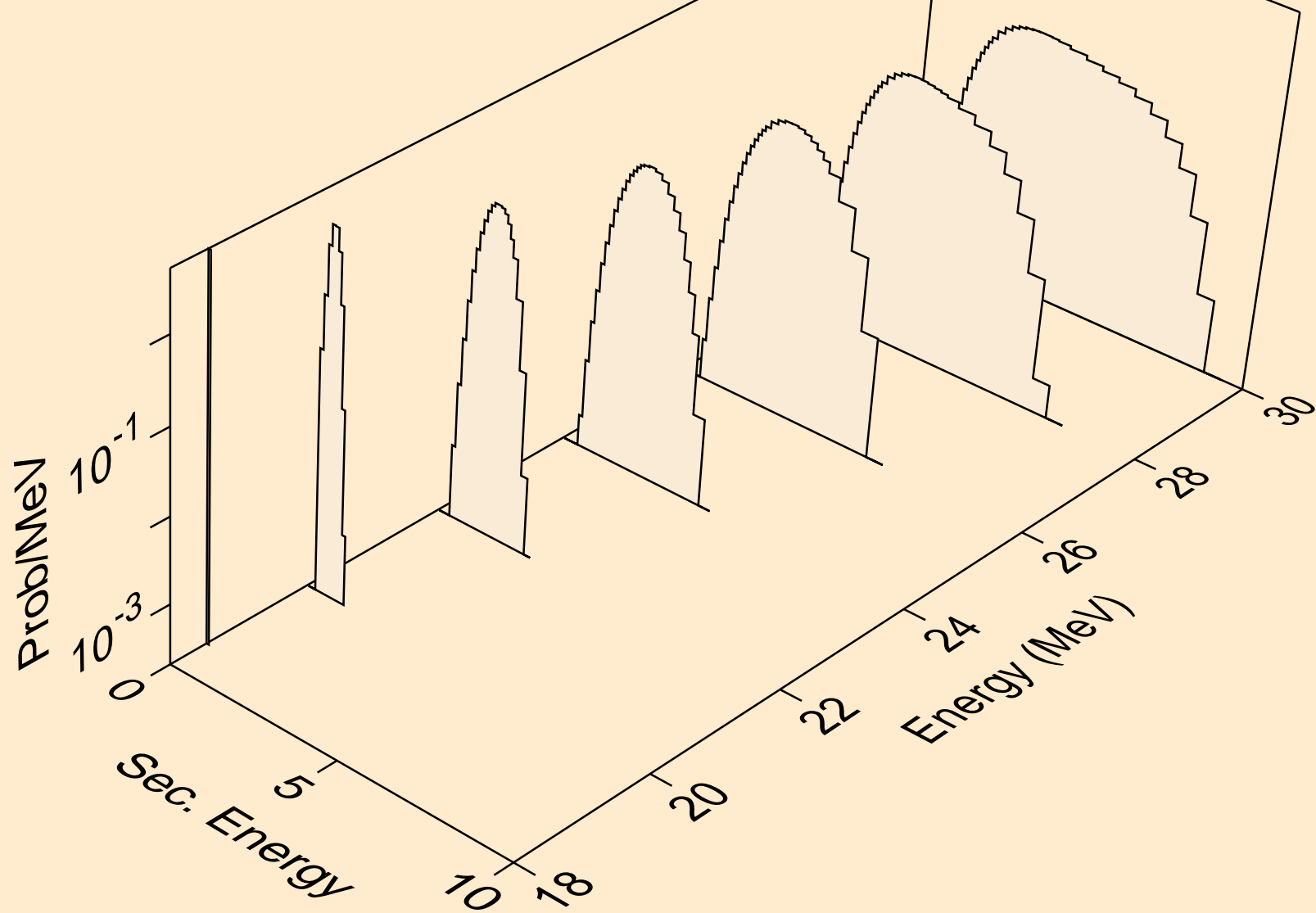
MG027 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,npa)



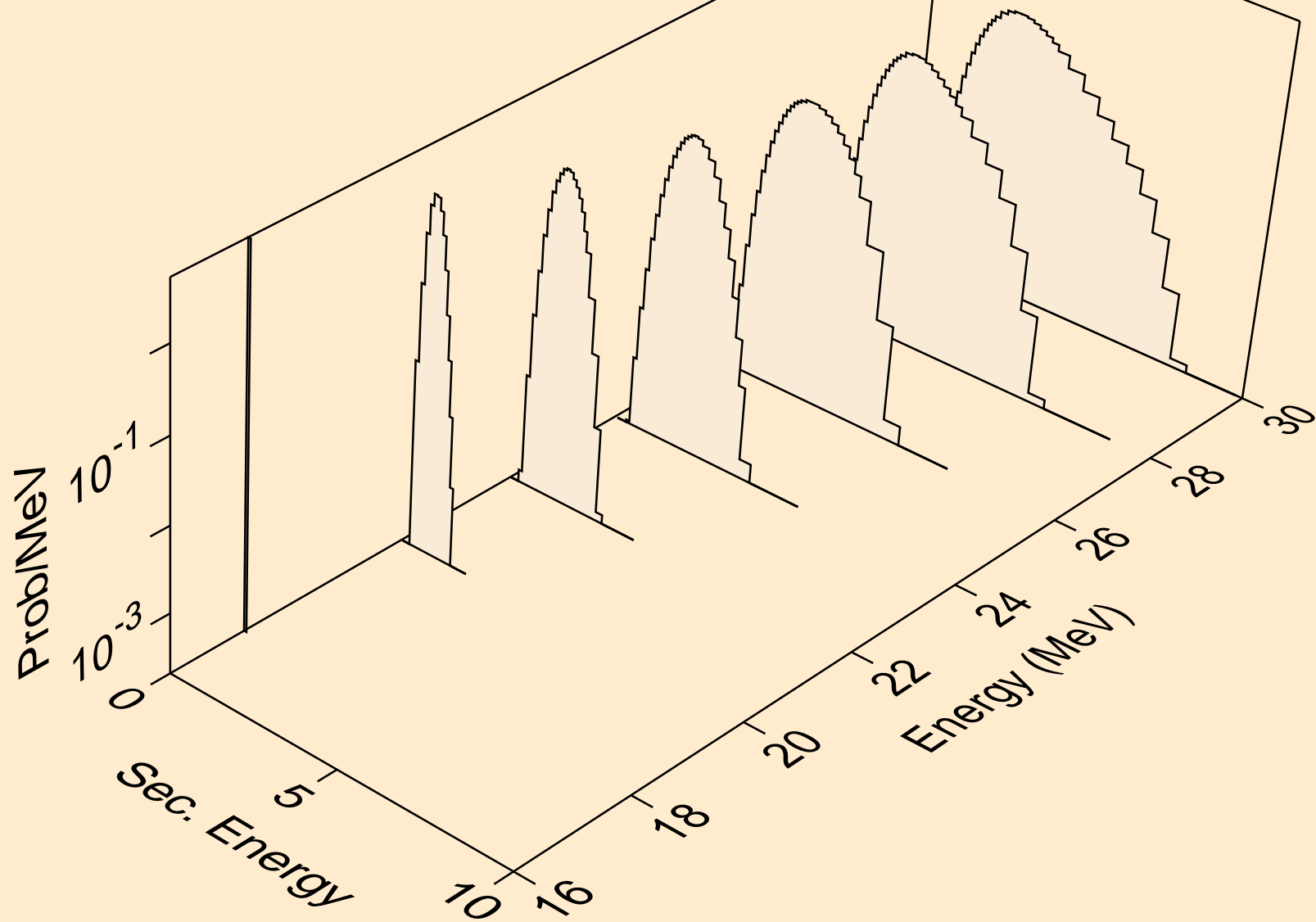
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protons from (a,p)



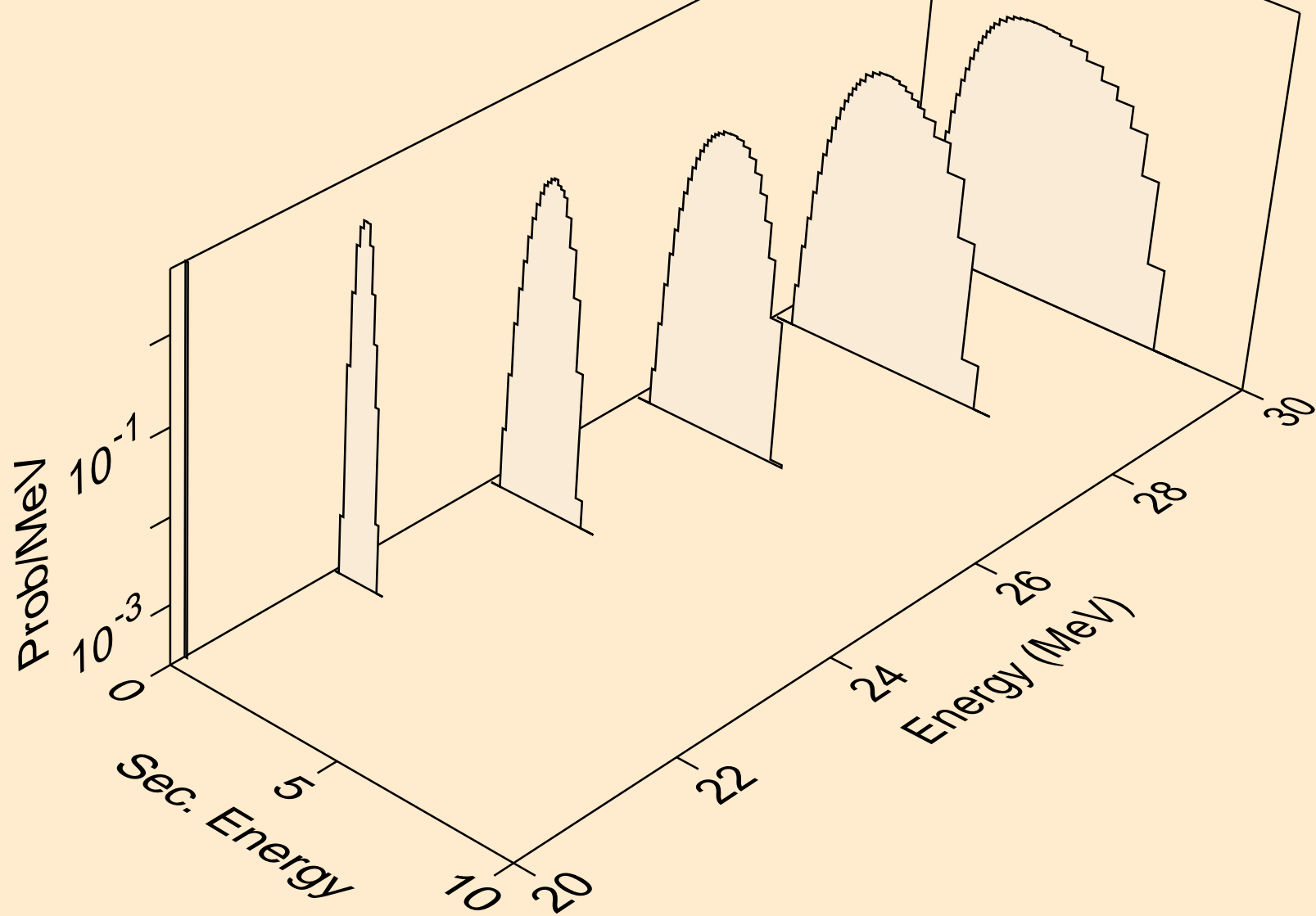
MG027 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2p)



MG027 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pa)

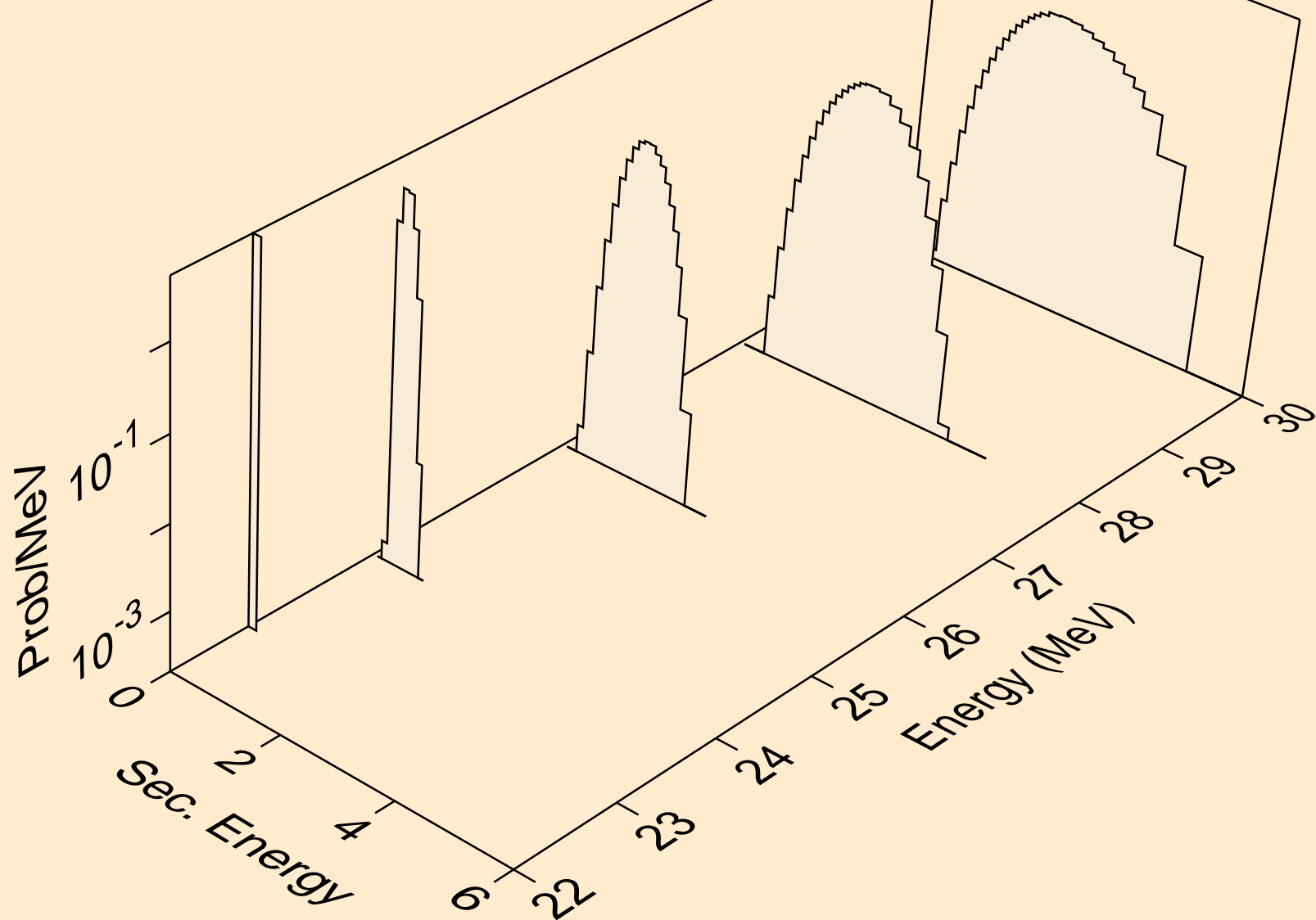


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protons from (a,pd)

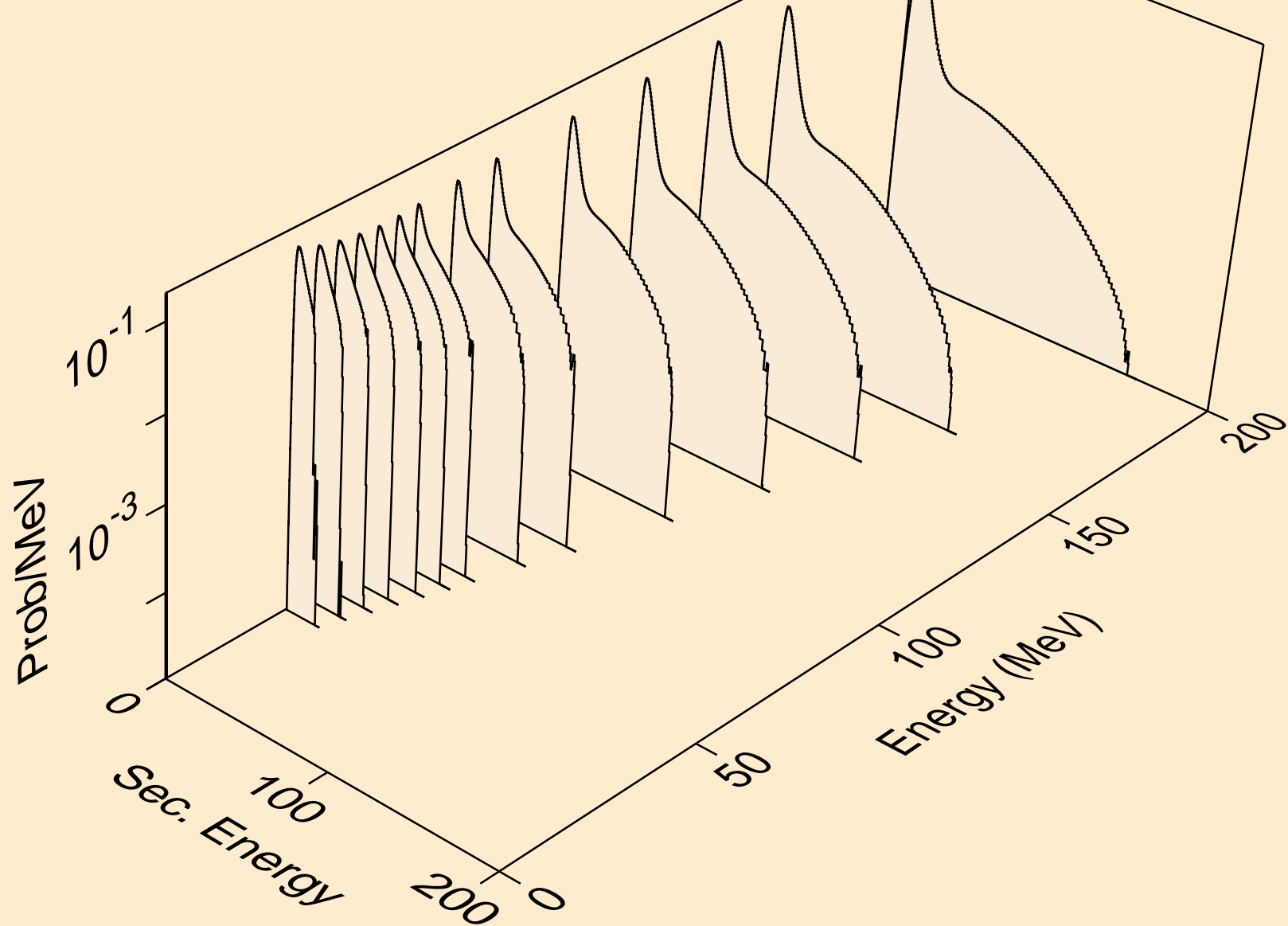




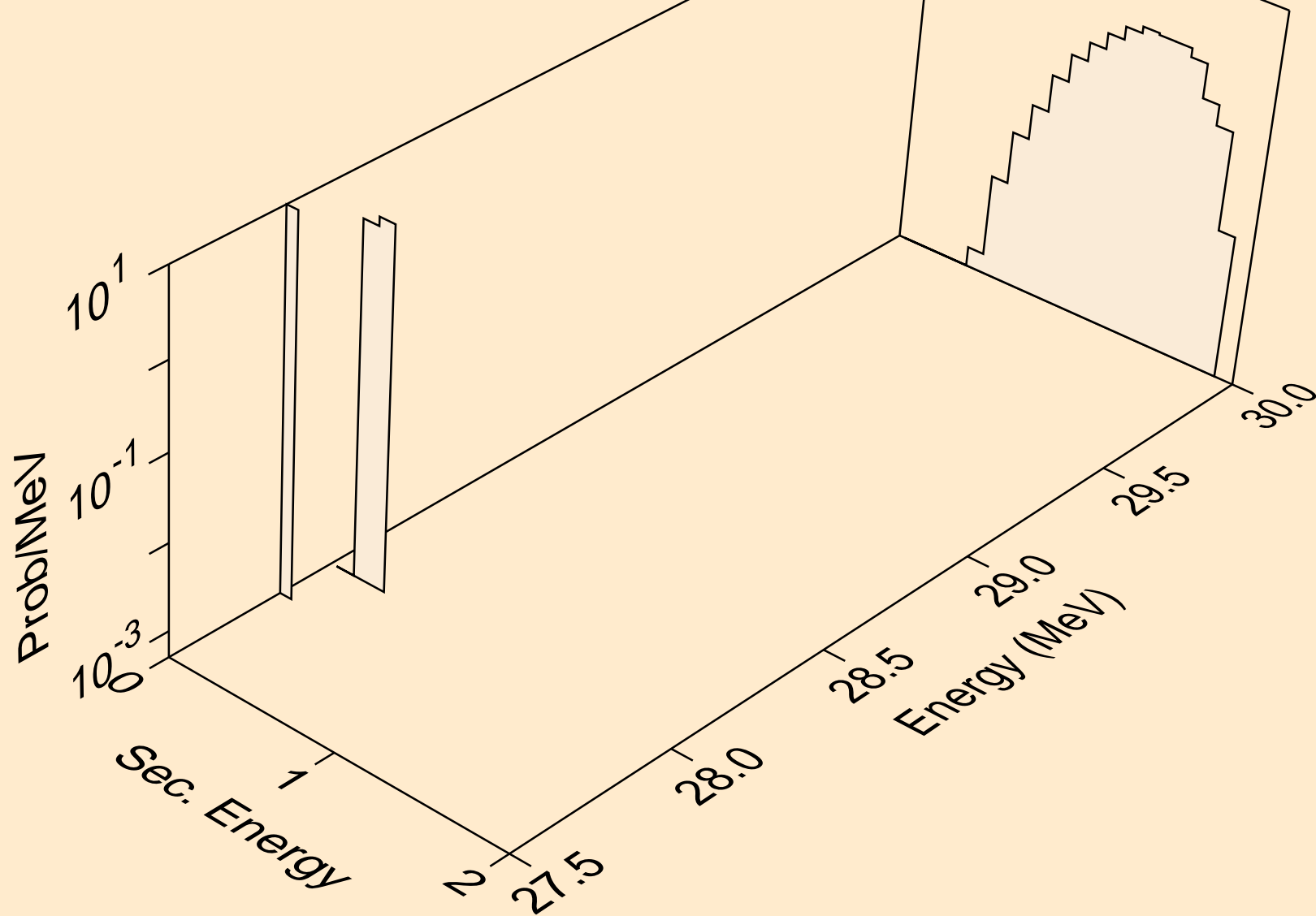
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protons from (a,pt)



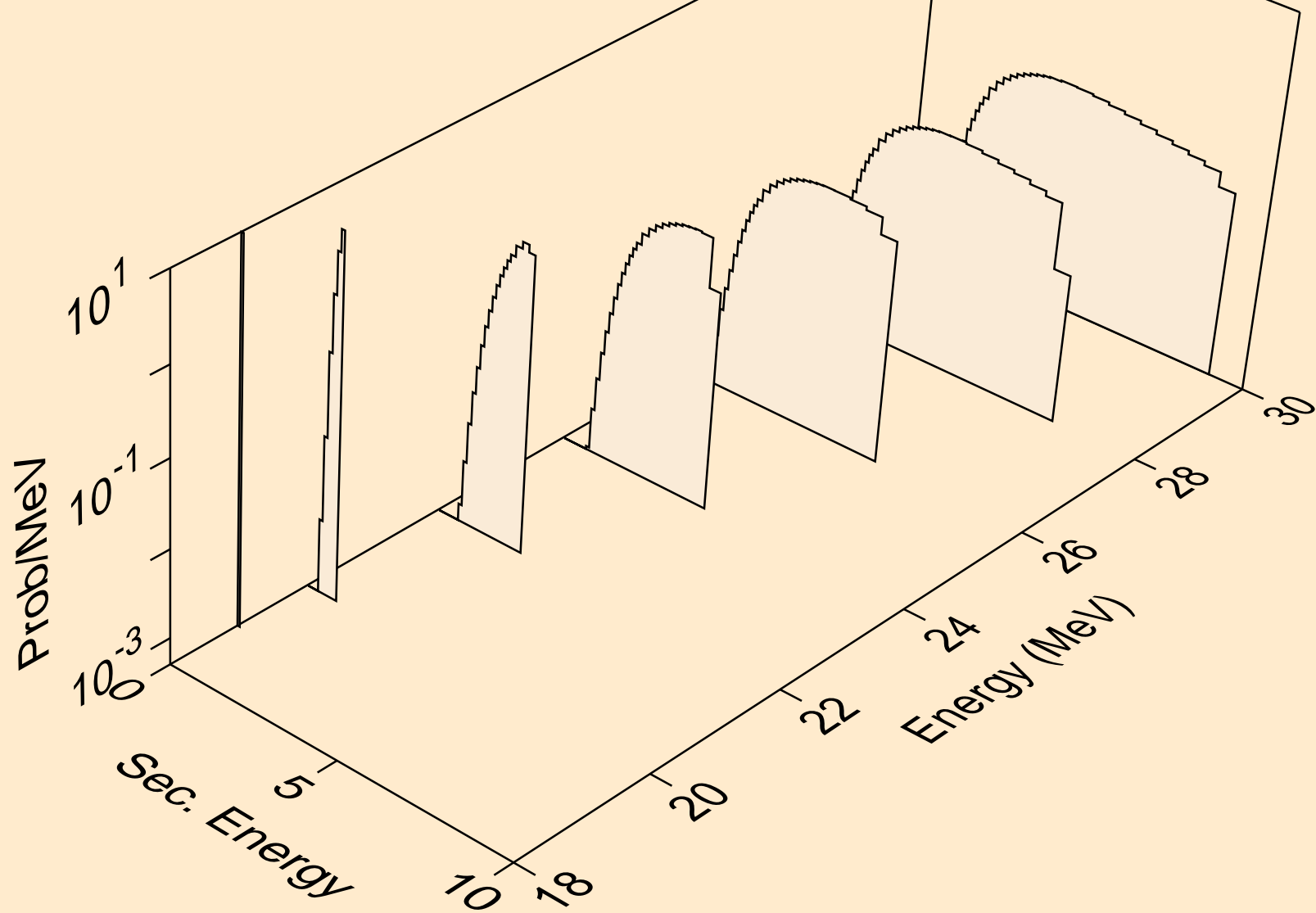
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deuterons from (a,x)



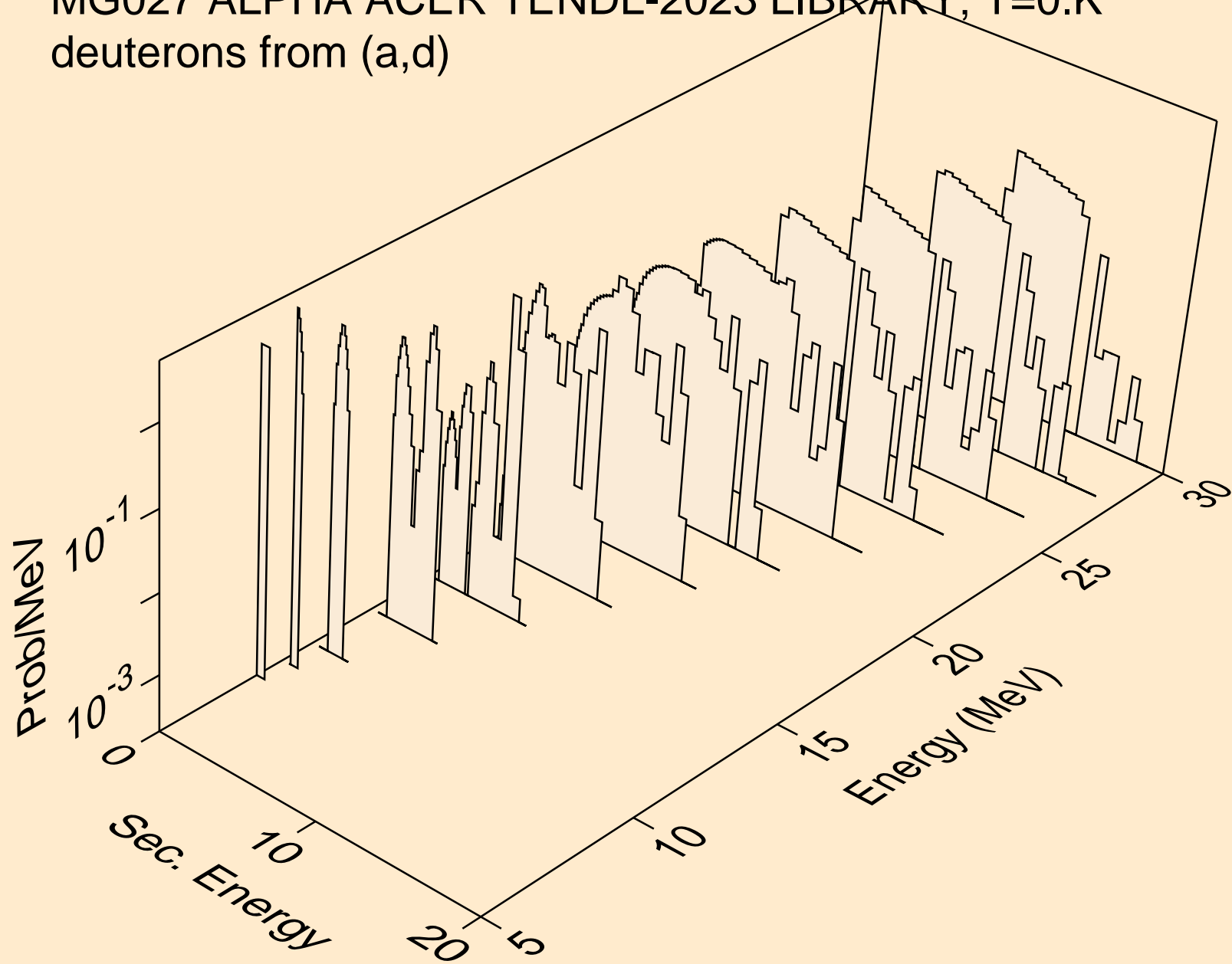
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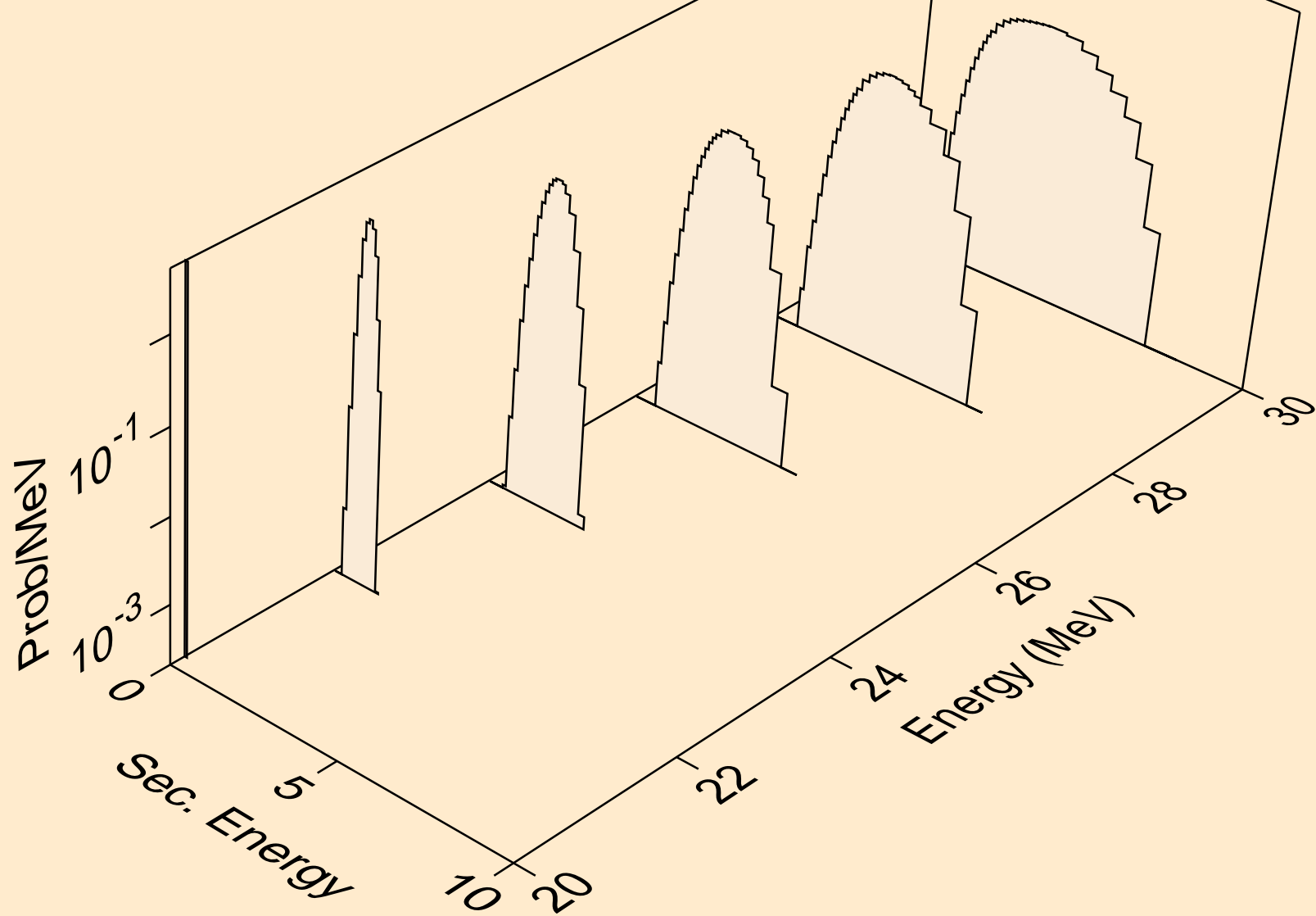
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deuterons from (a,n\*)d



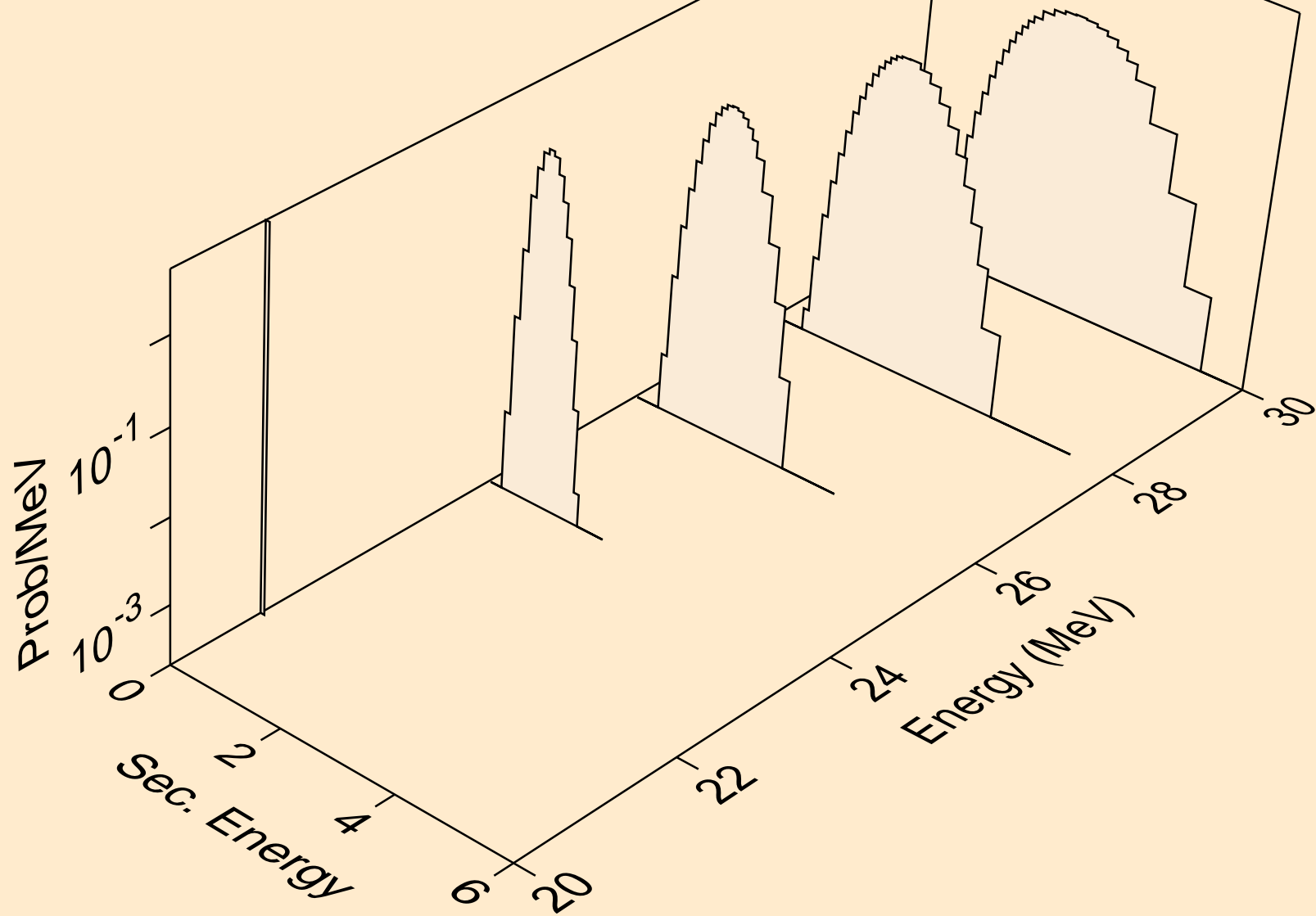
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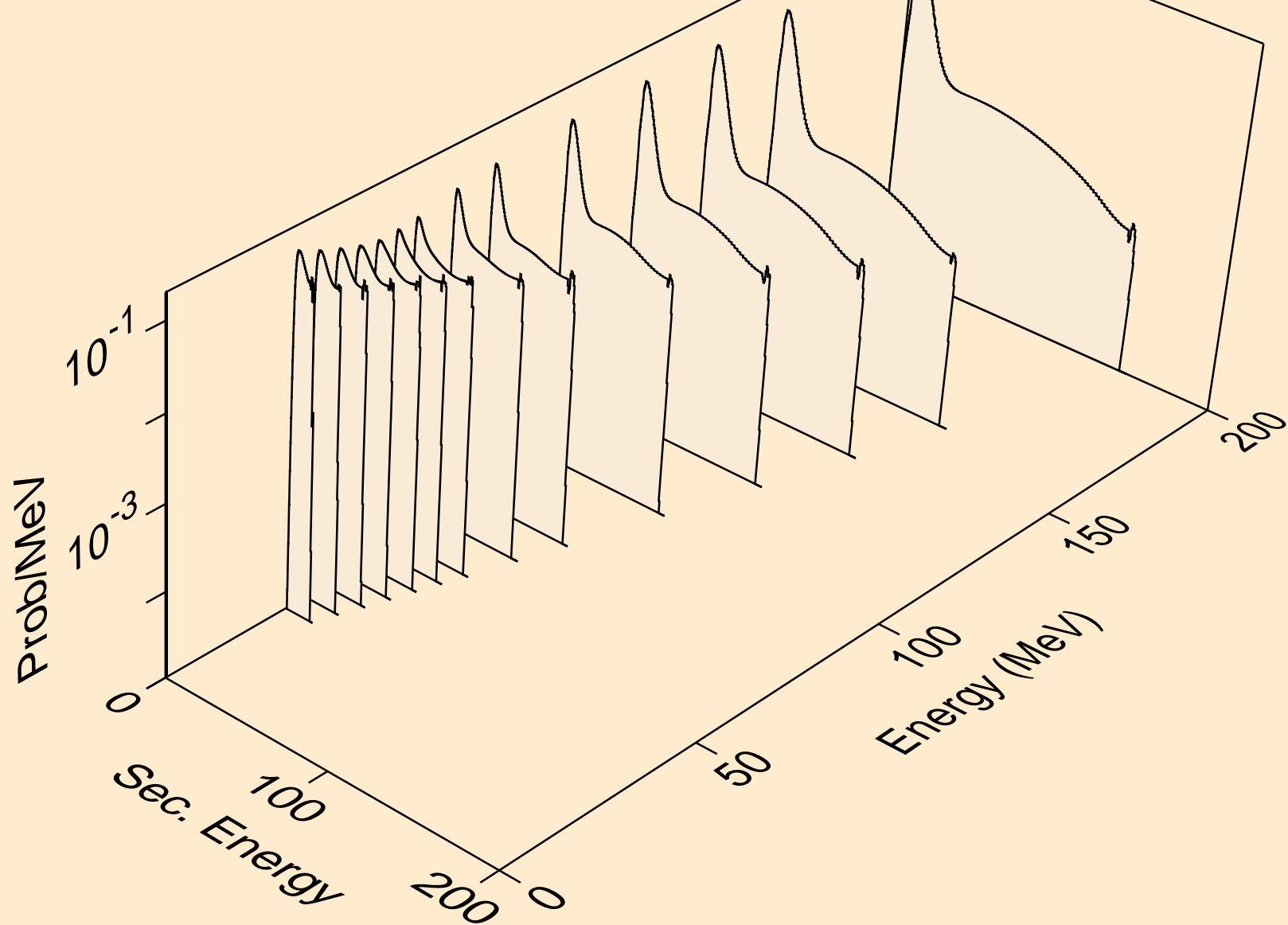
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deuterons from (a,pd)



MG027 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,da)

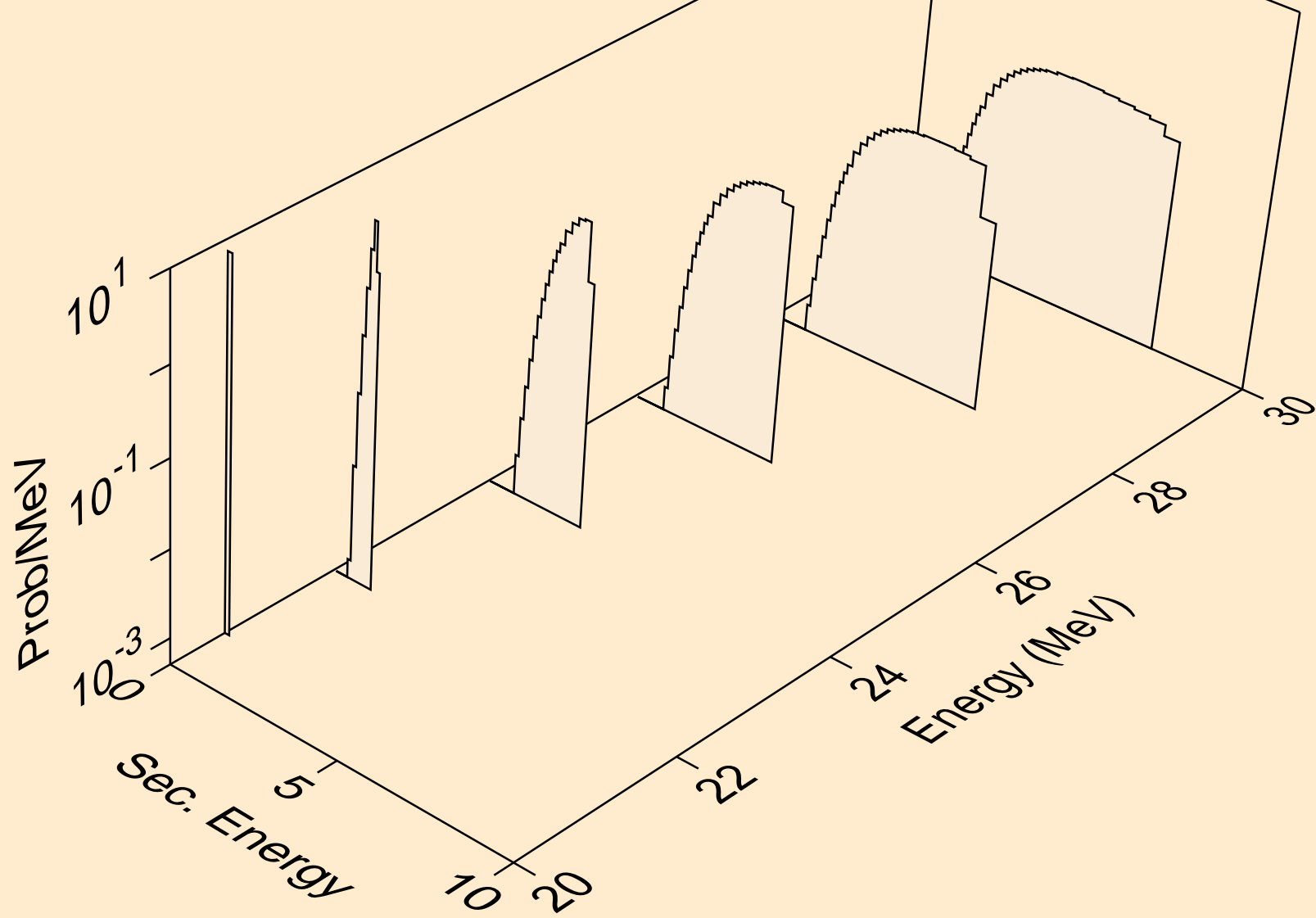


MG027 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)

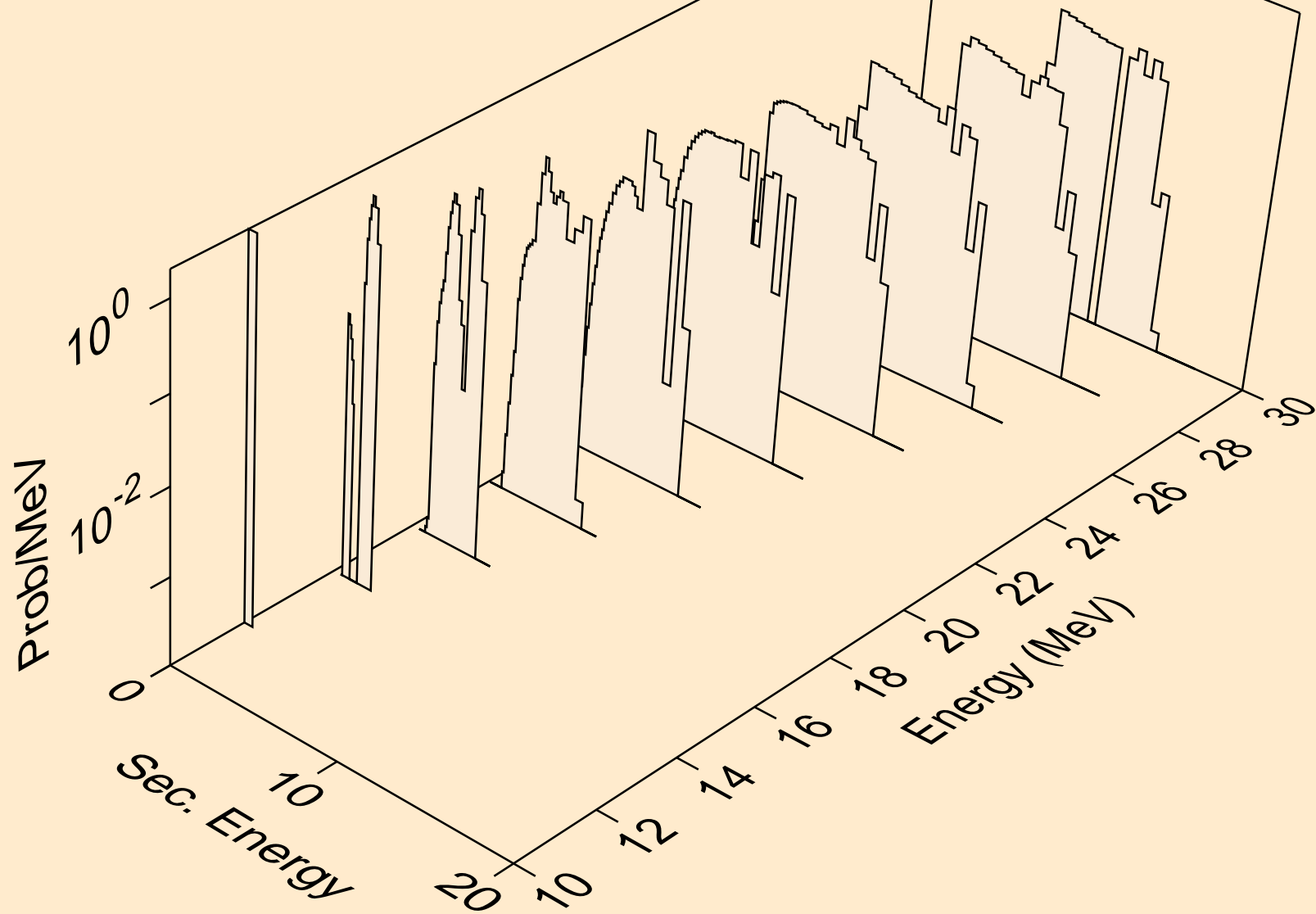




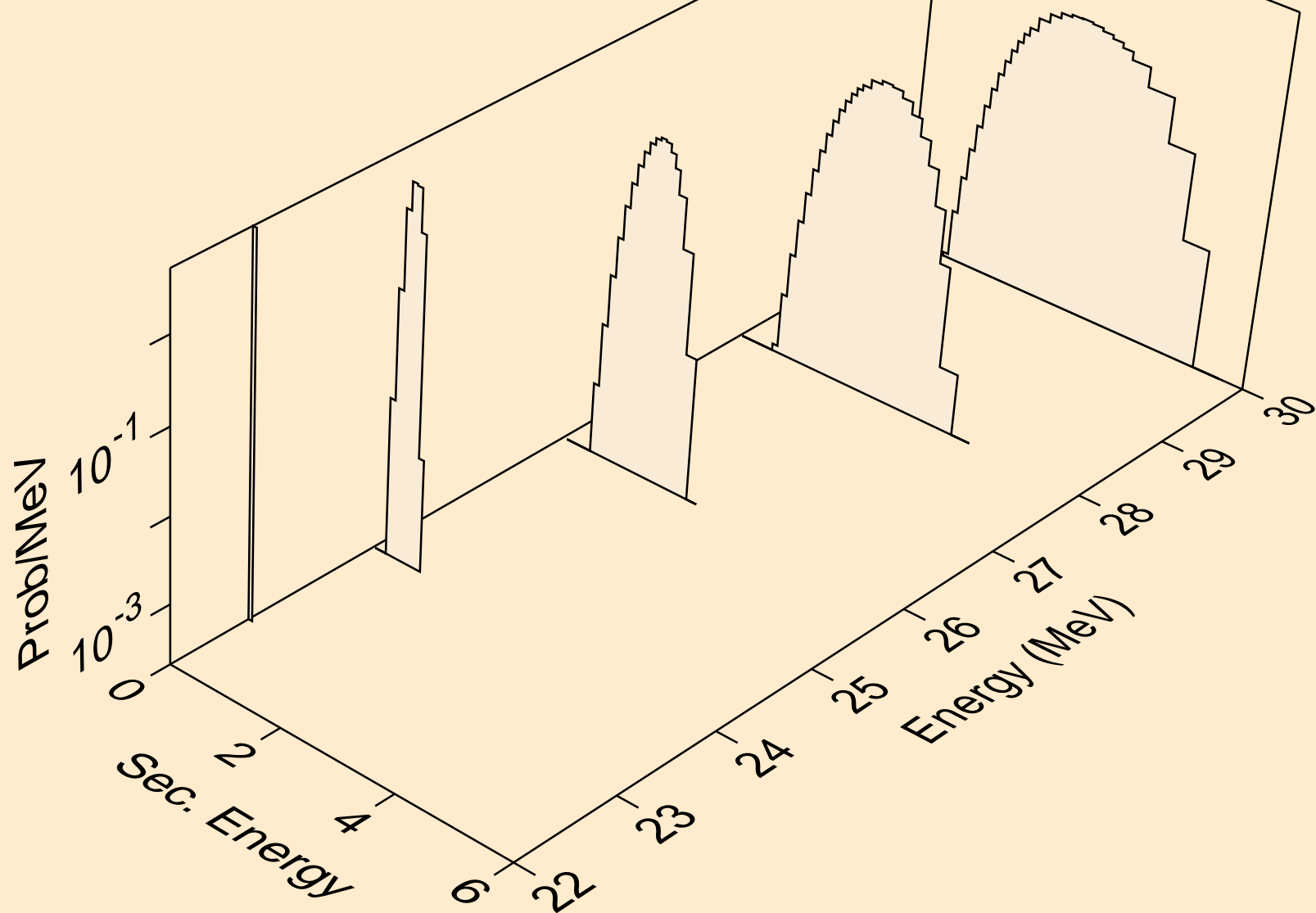
MG027 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,n\*)t



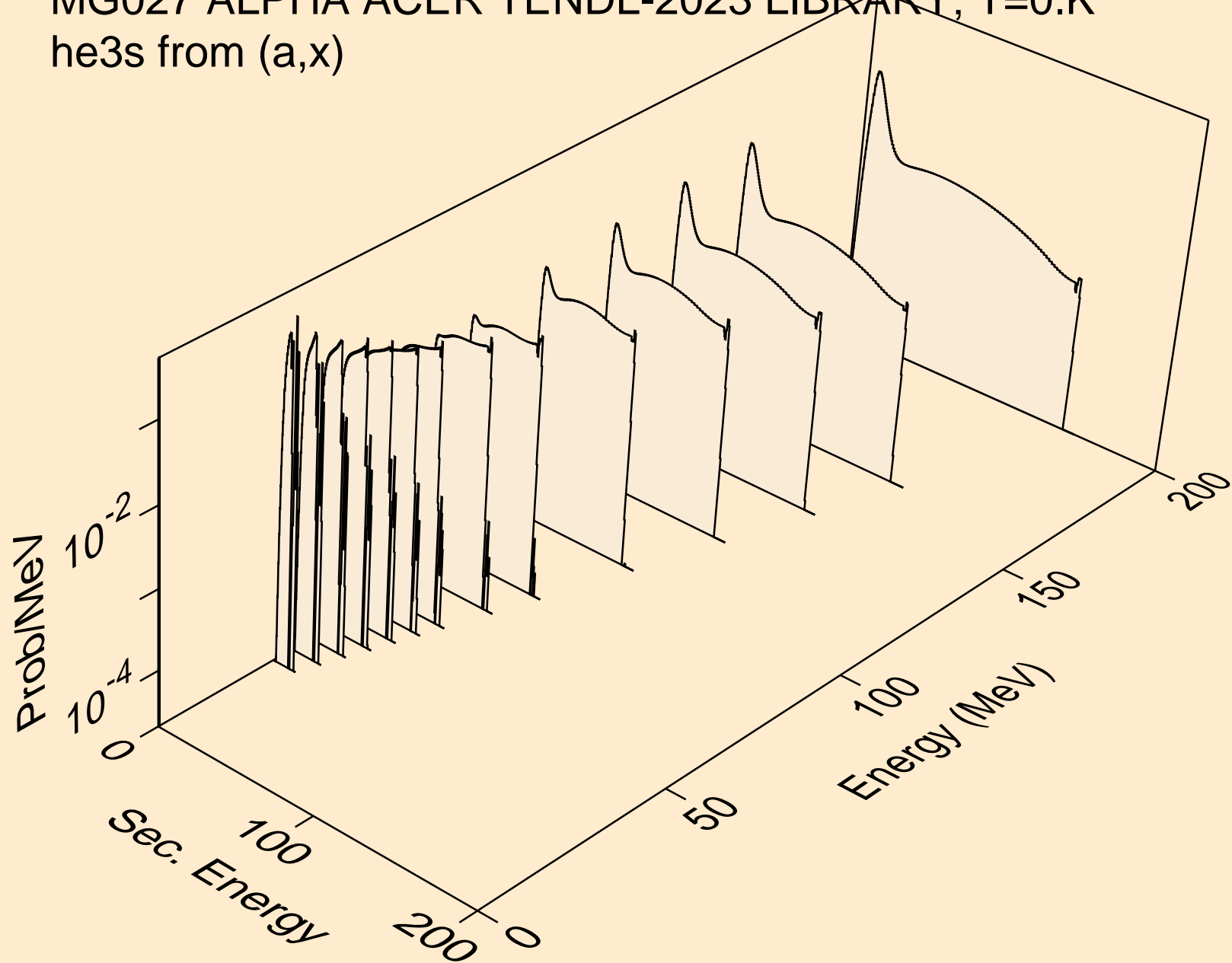
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tritons from (a,t)



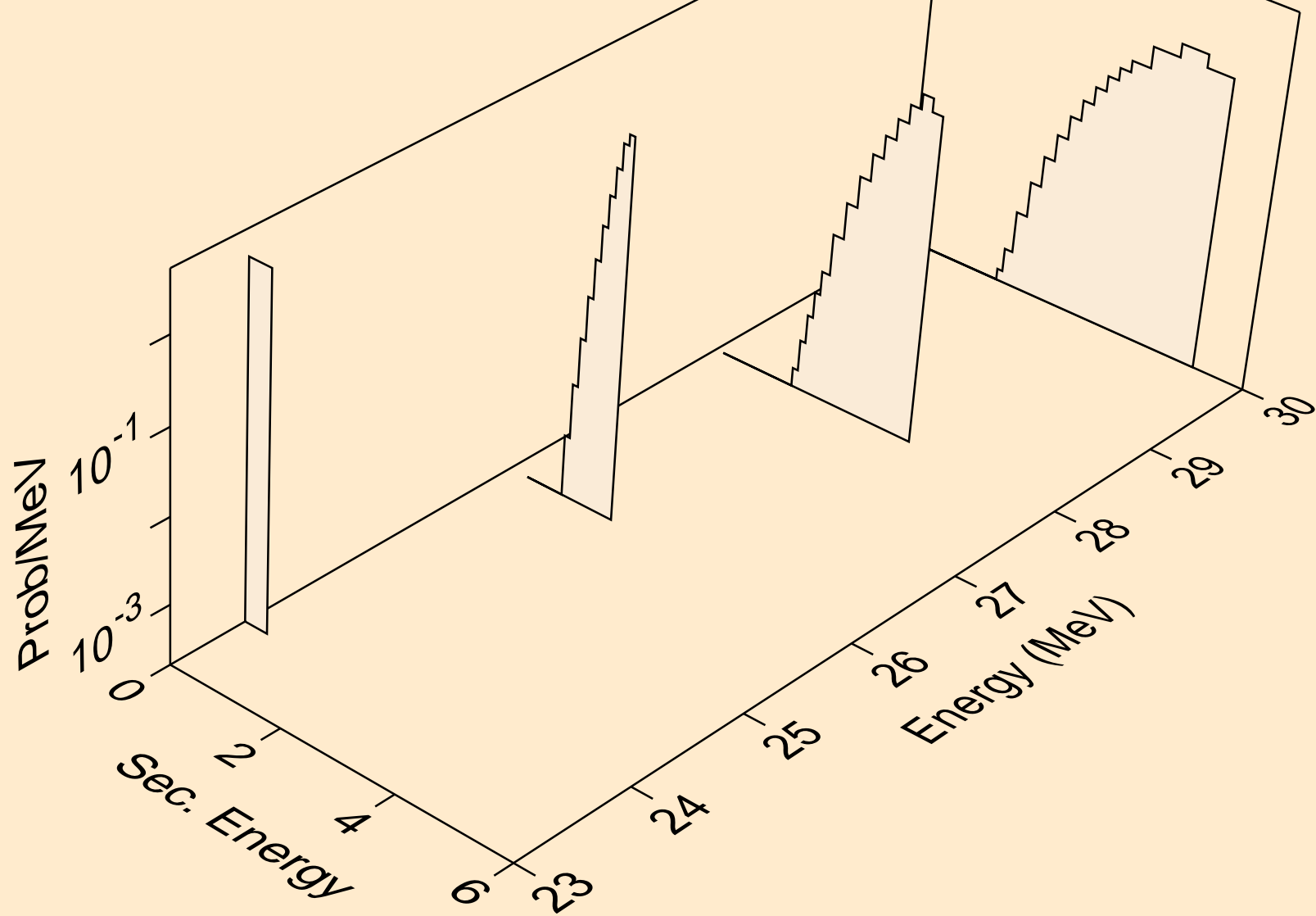
MG027 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,pt)



MG027 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



MG027 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,n\*)he3



MG027 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

