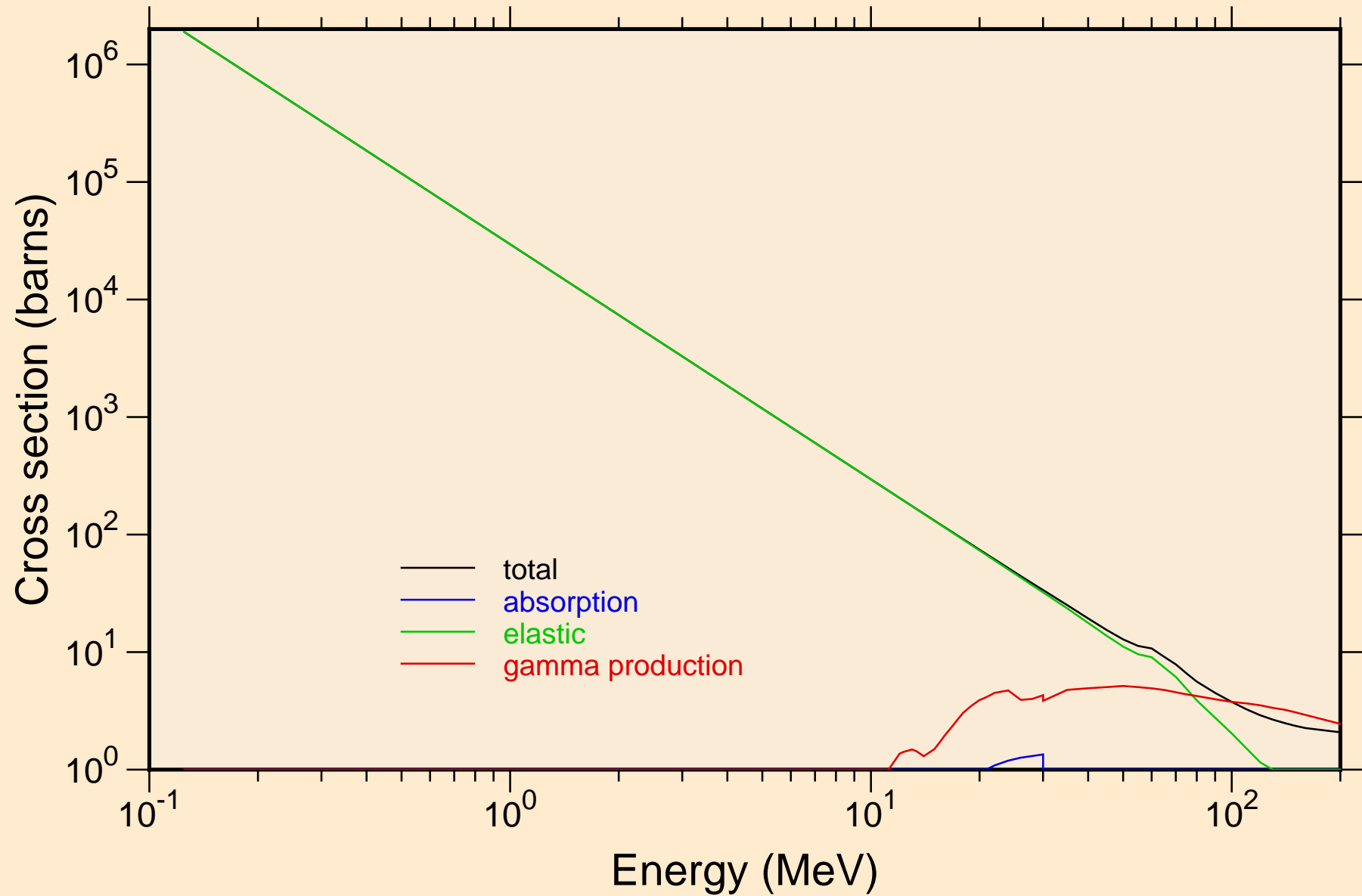
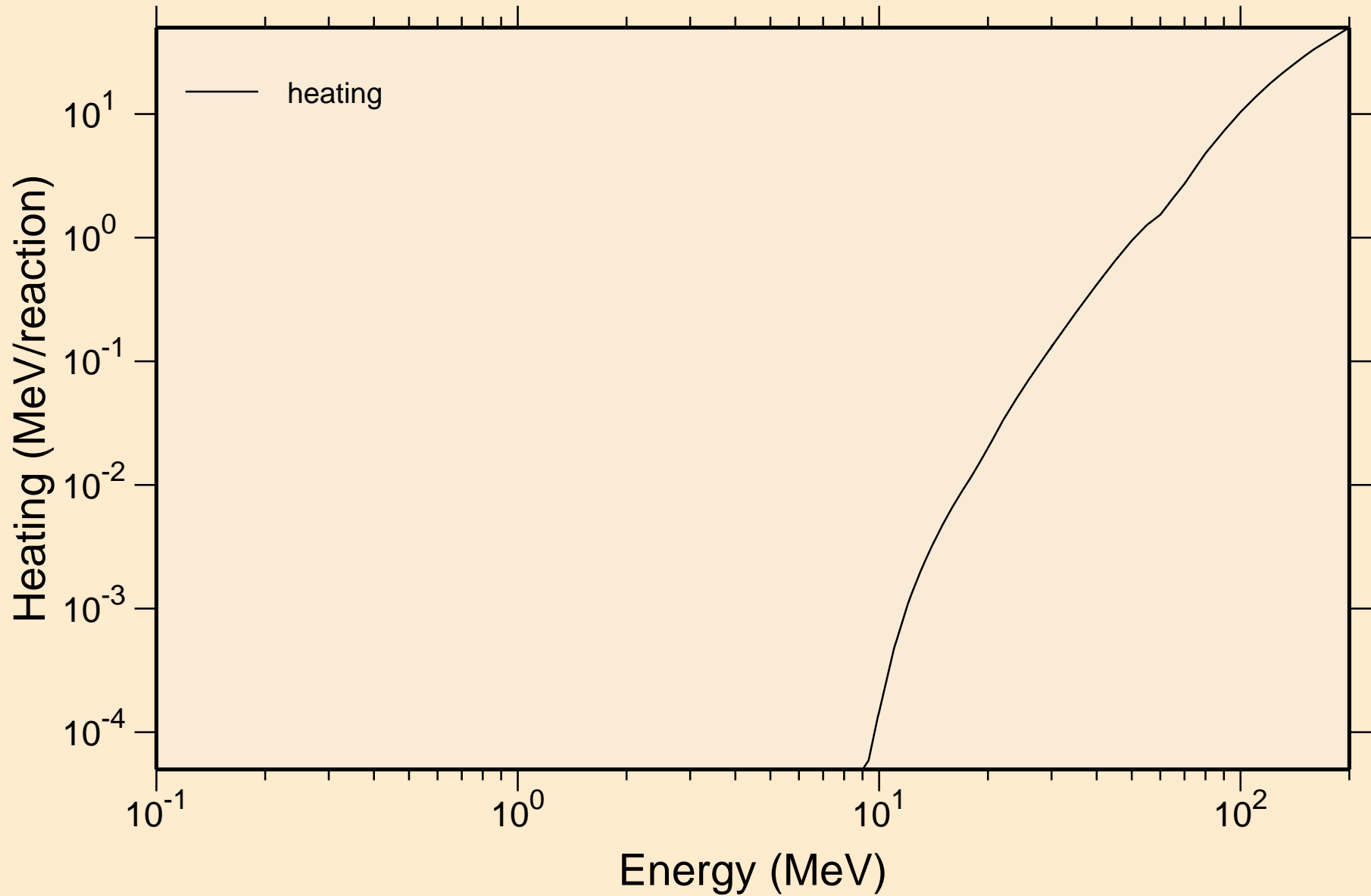


AS078 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



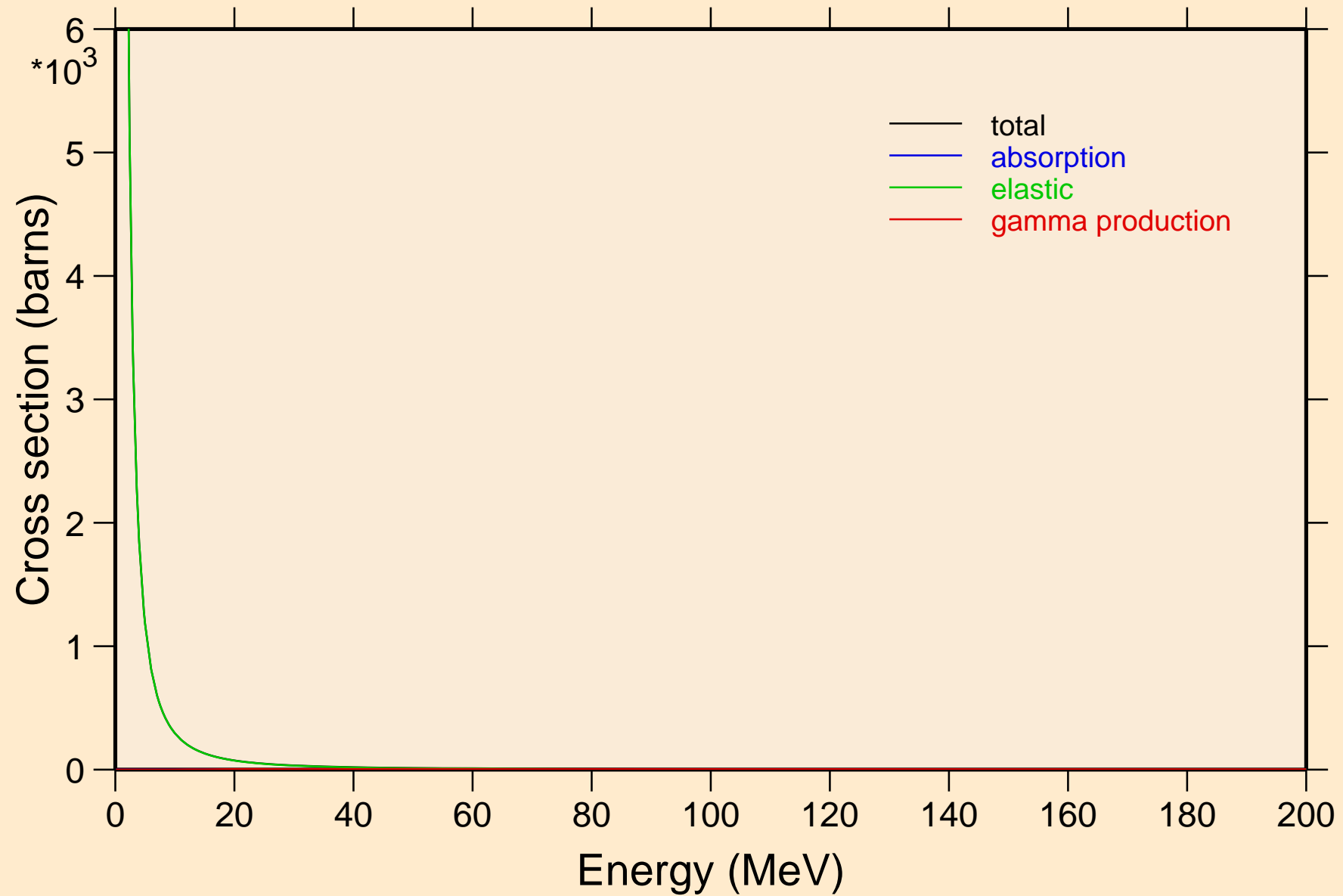
# AS078 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Heating



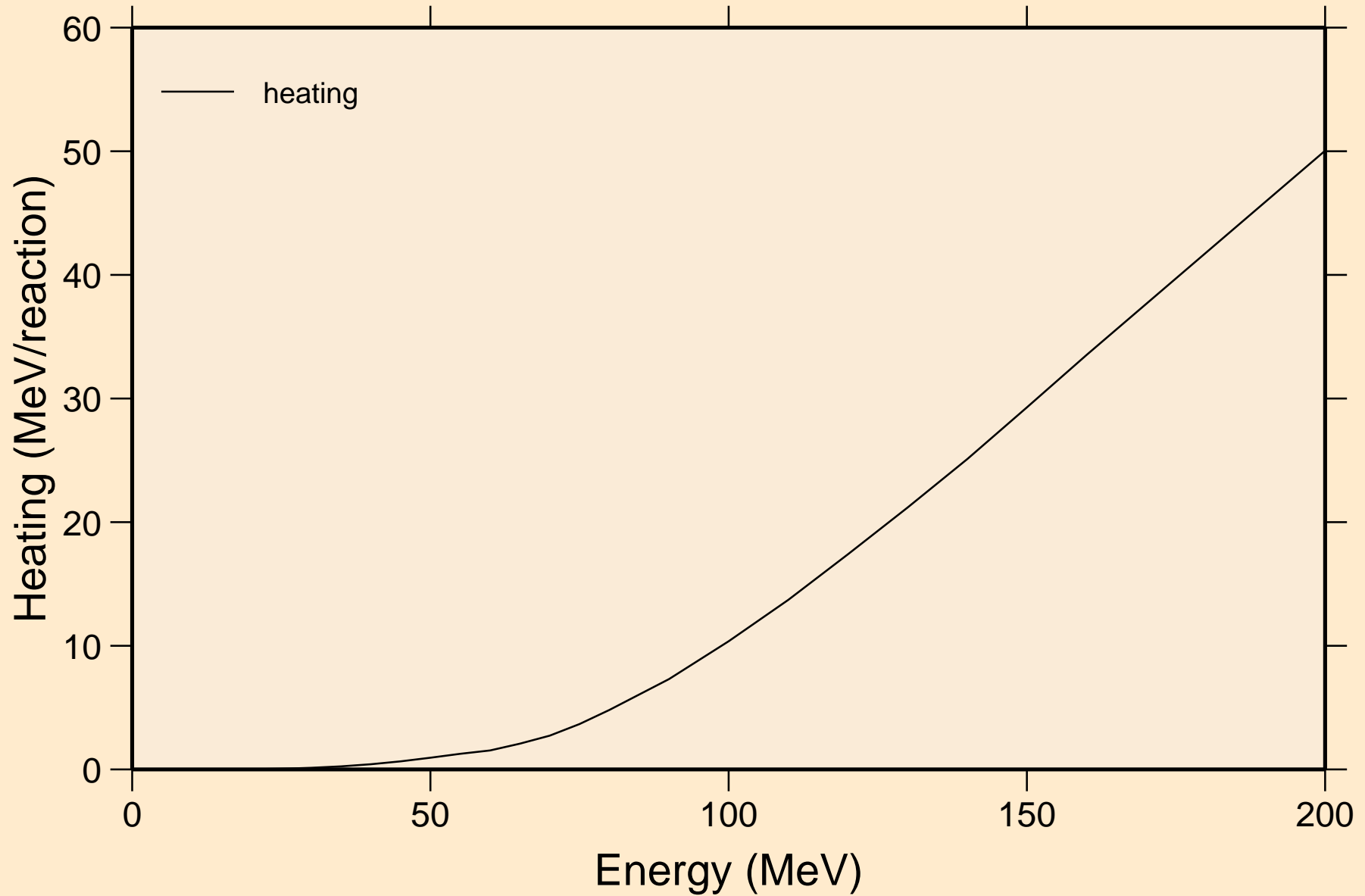
# AS078 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

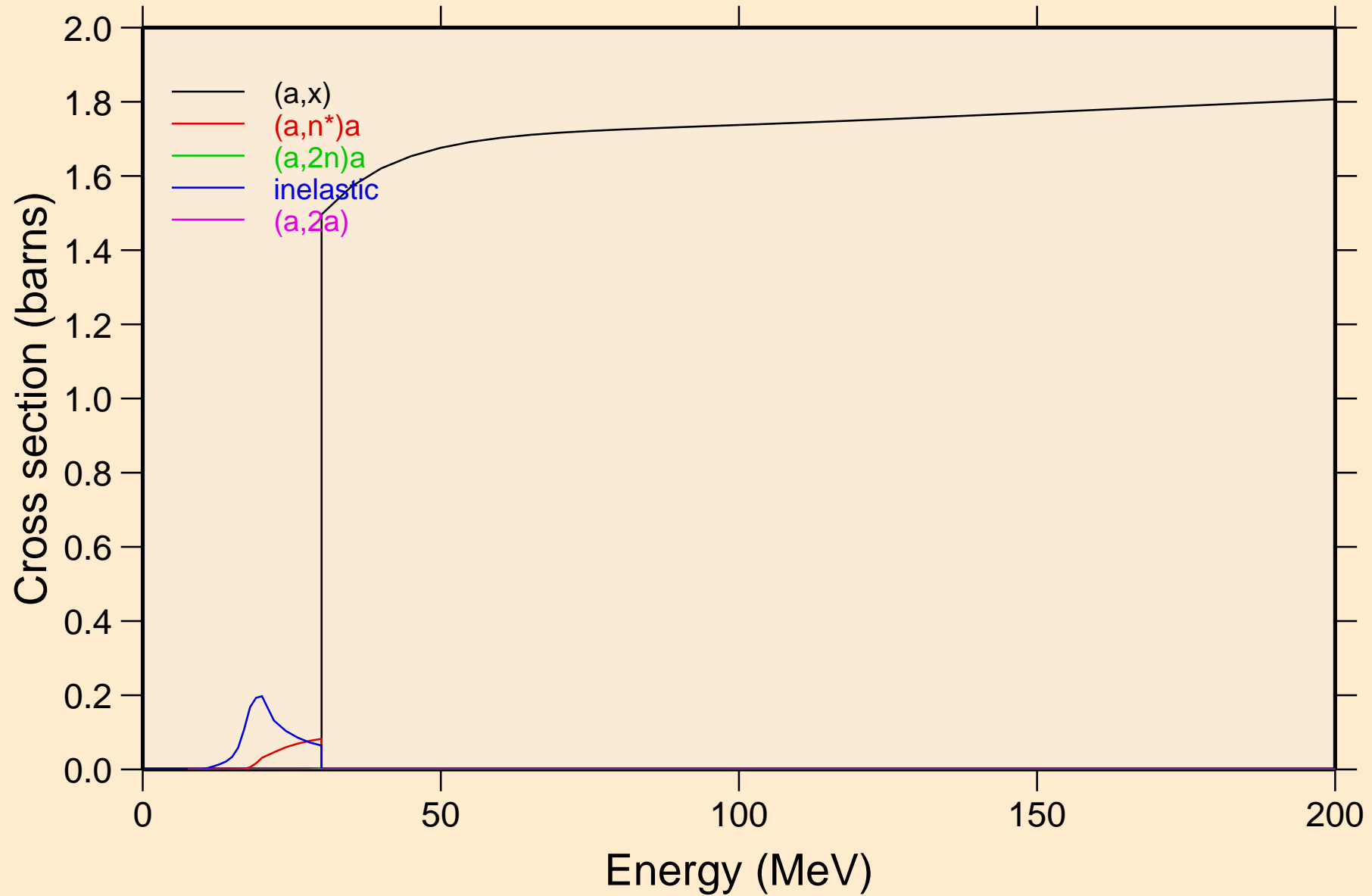


AS078 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

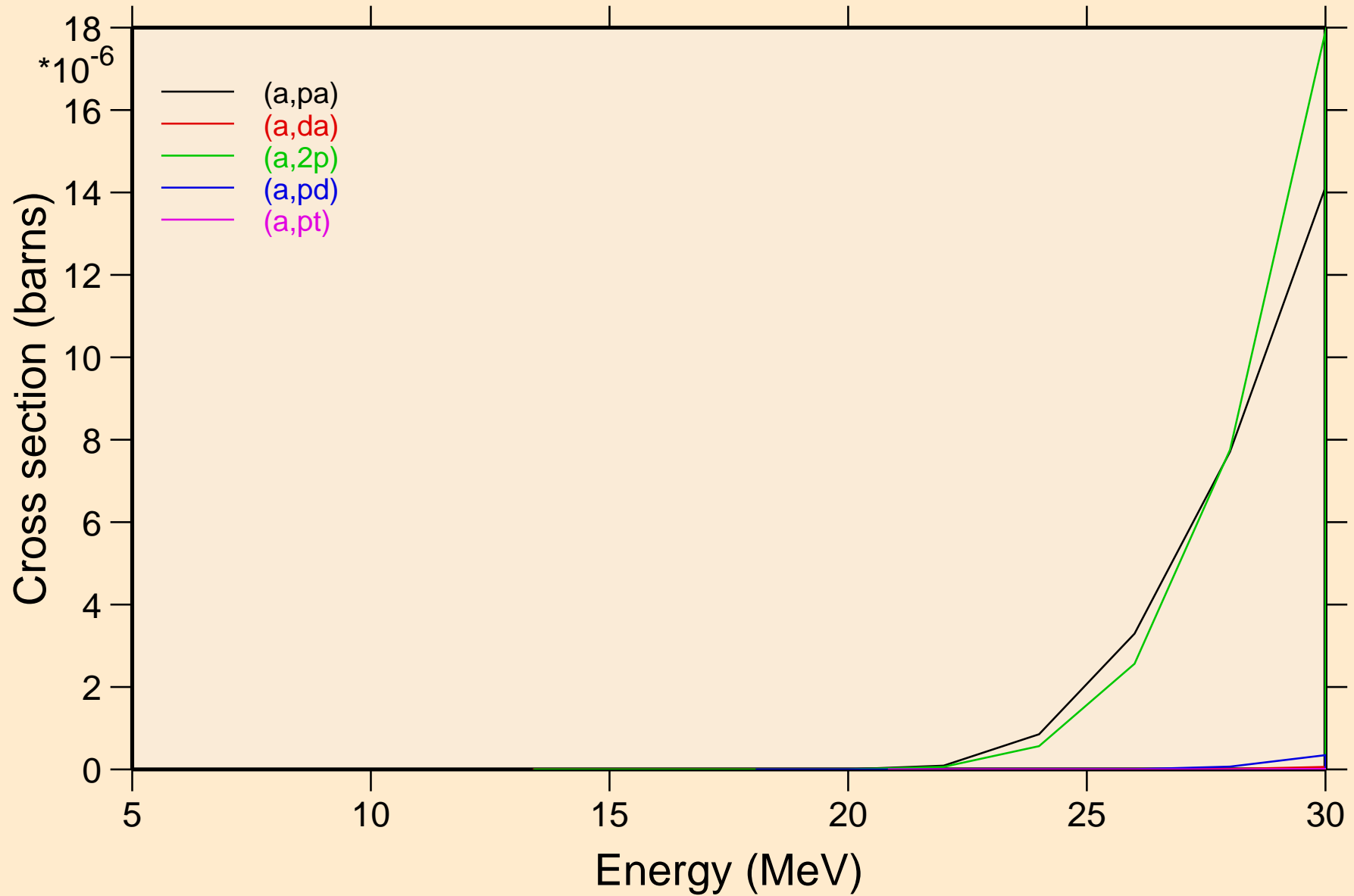
Heating



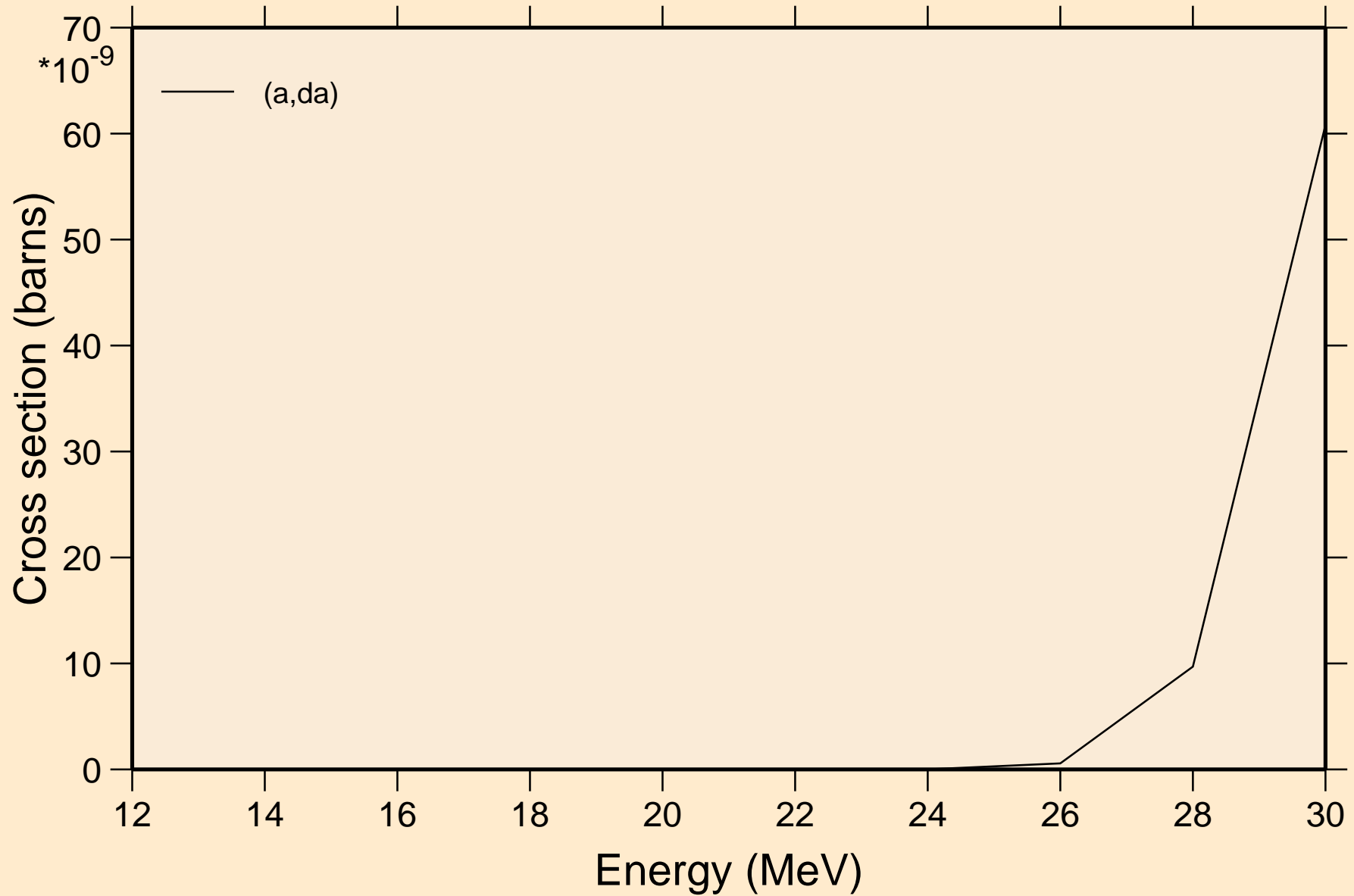
AS078 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



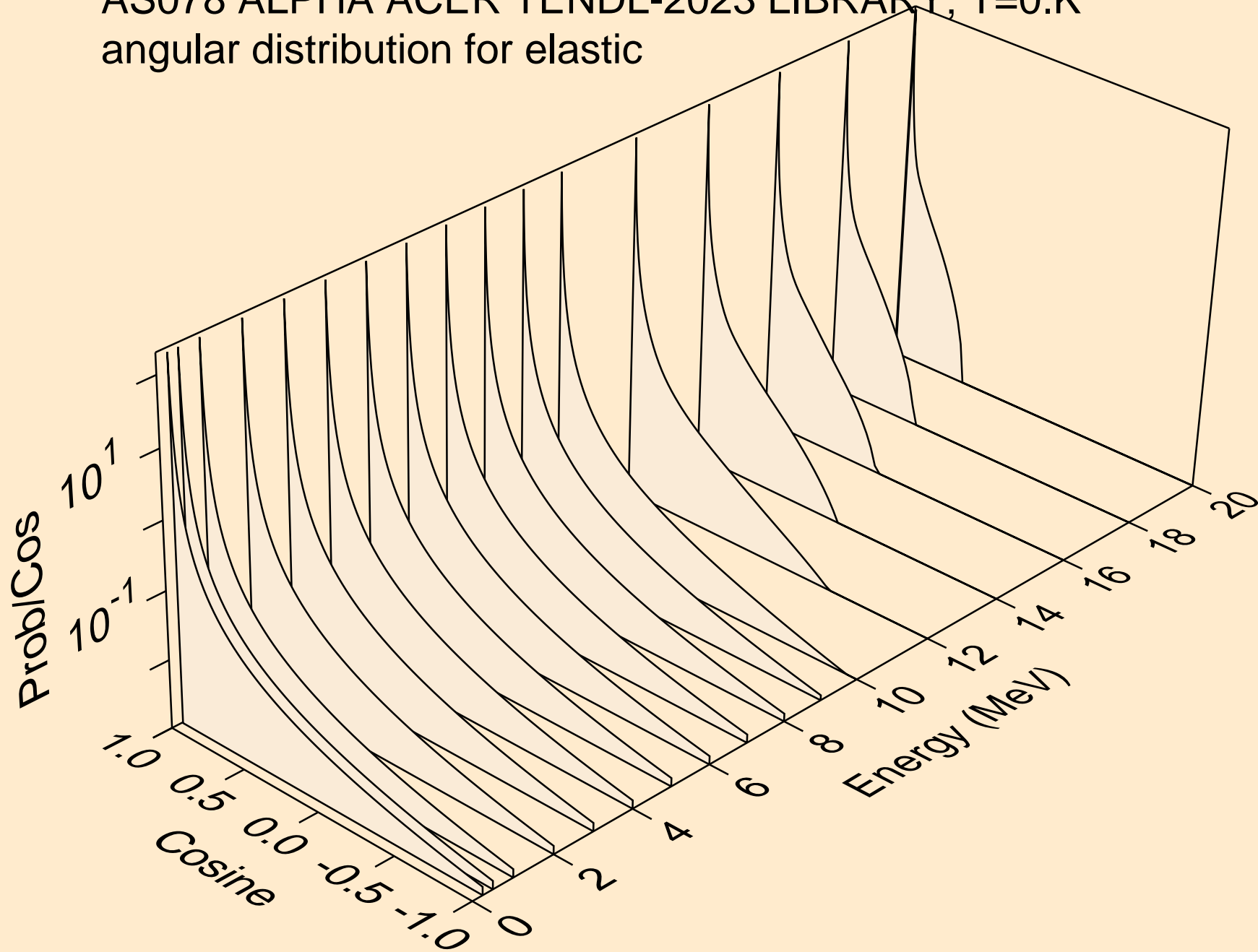
AS078 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



AS078 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

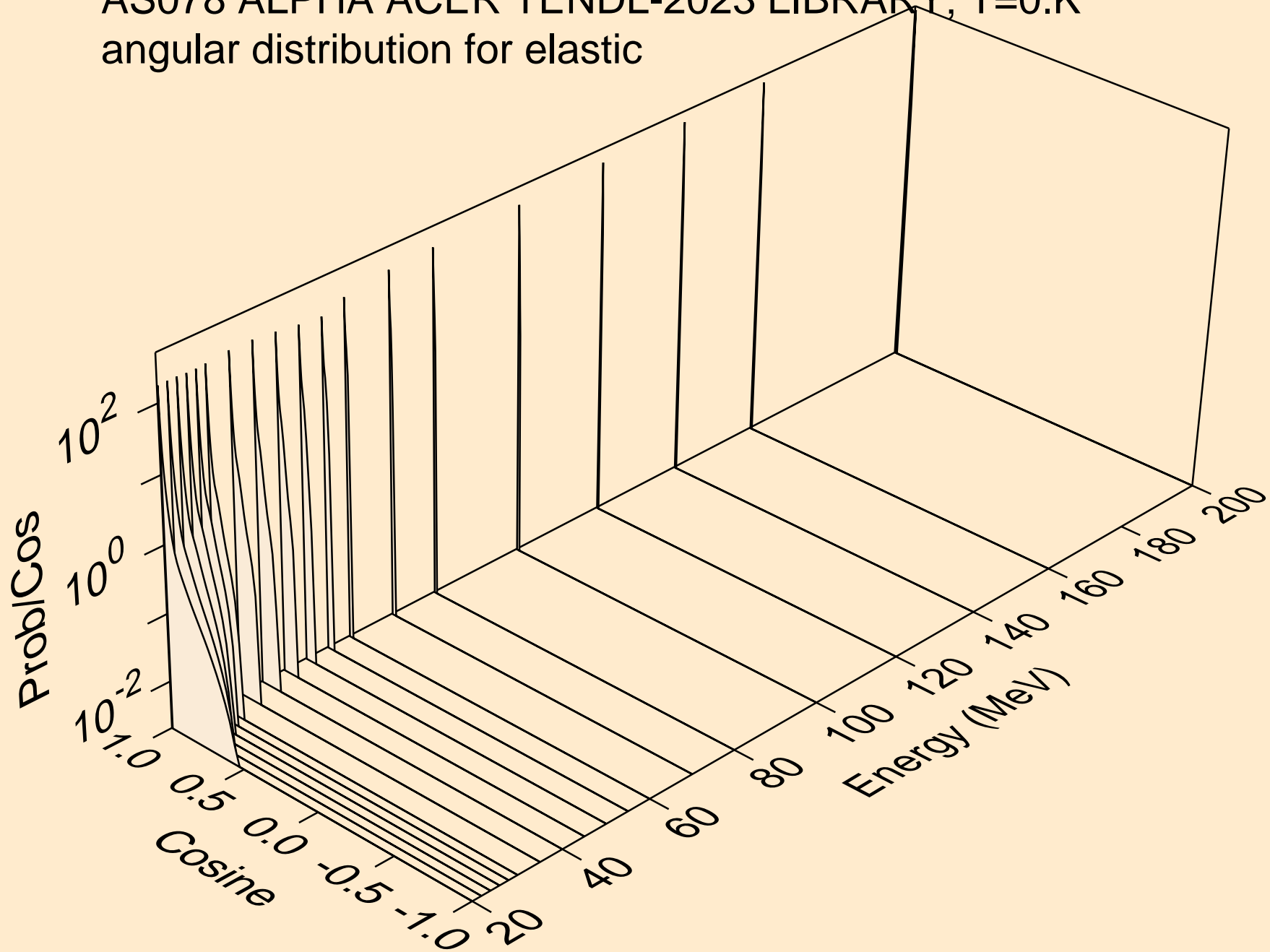


AS078 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



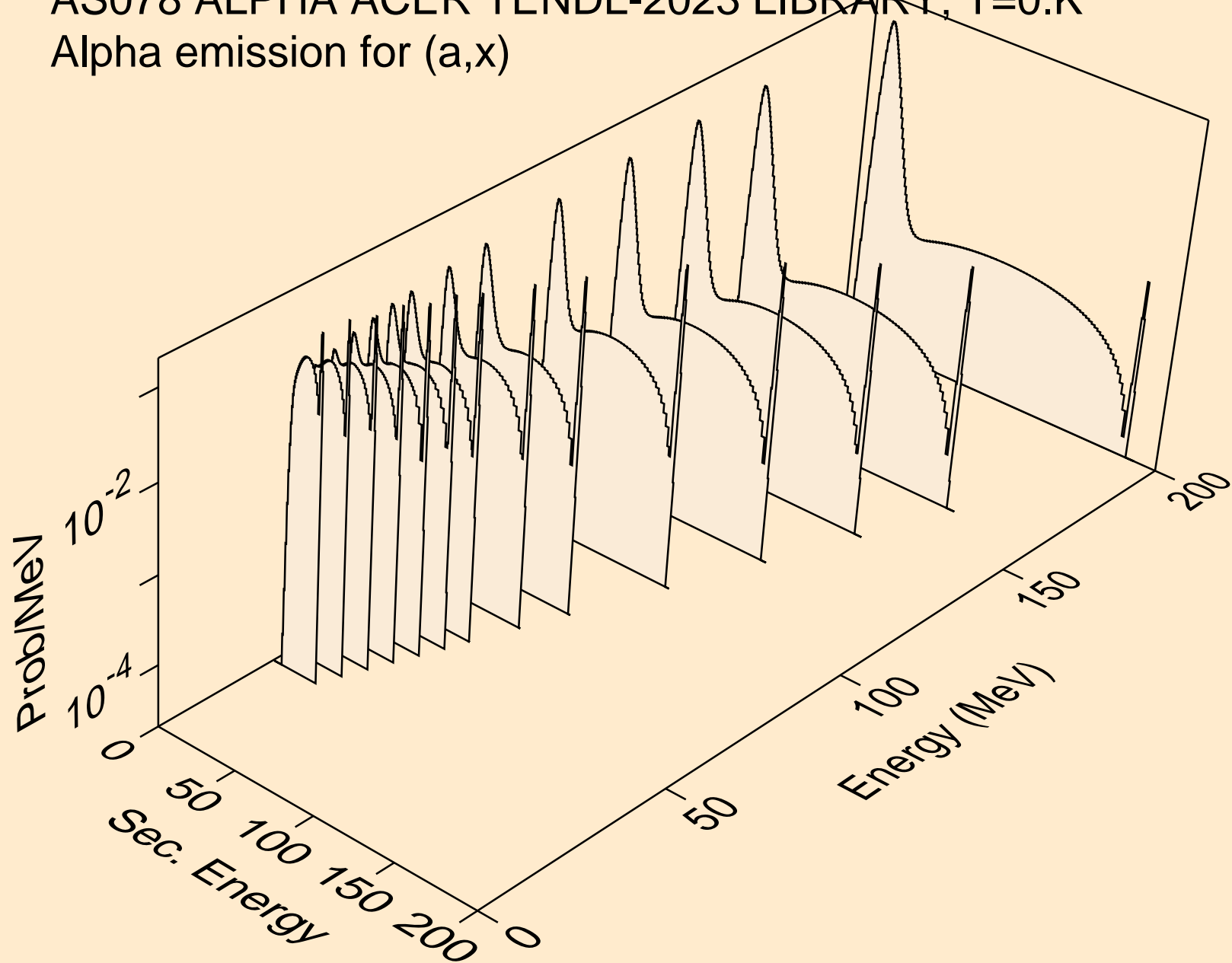


AS078 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

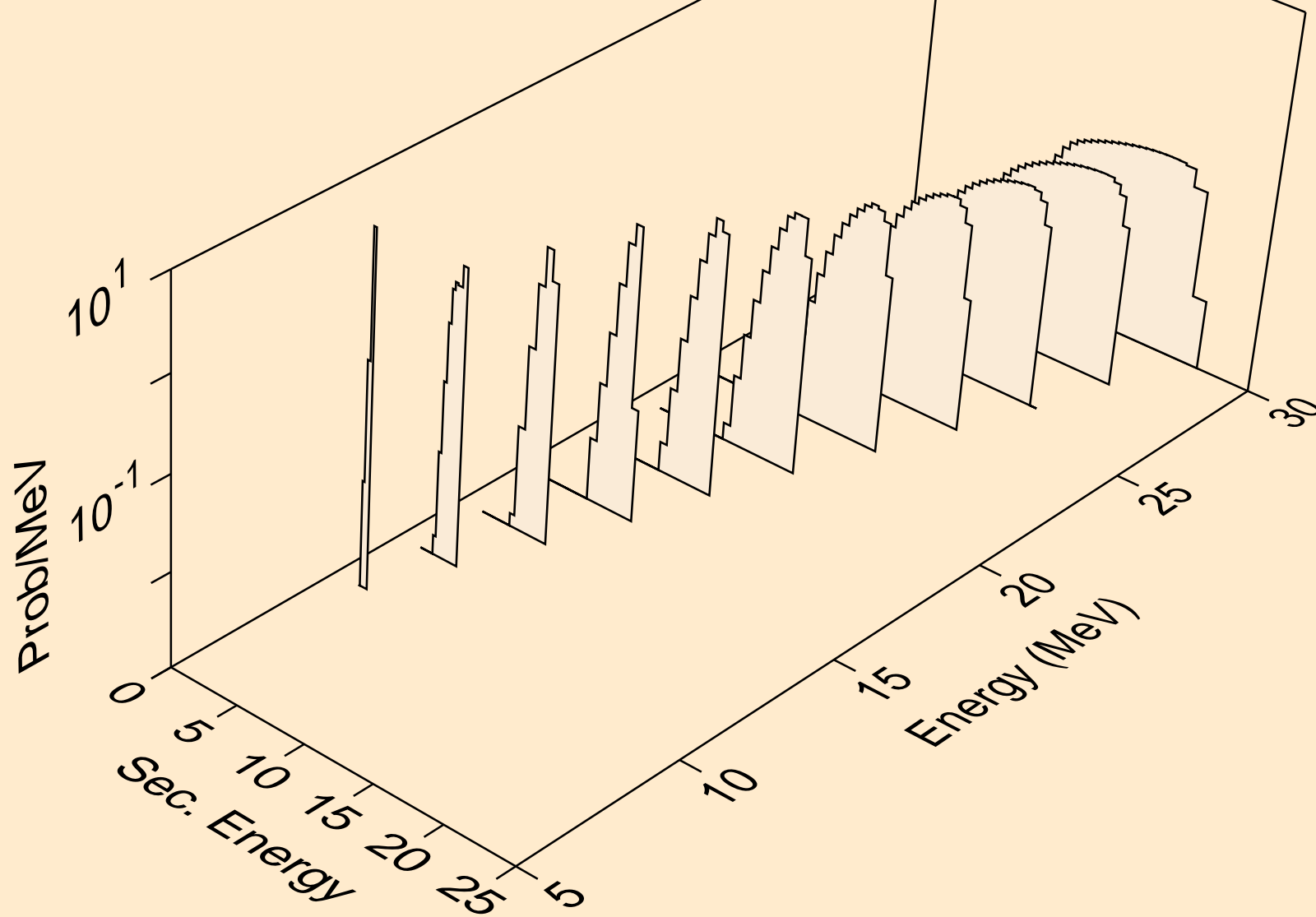


AS078 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

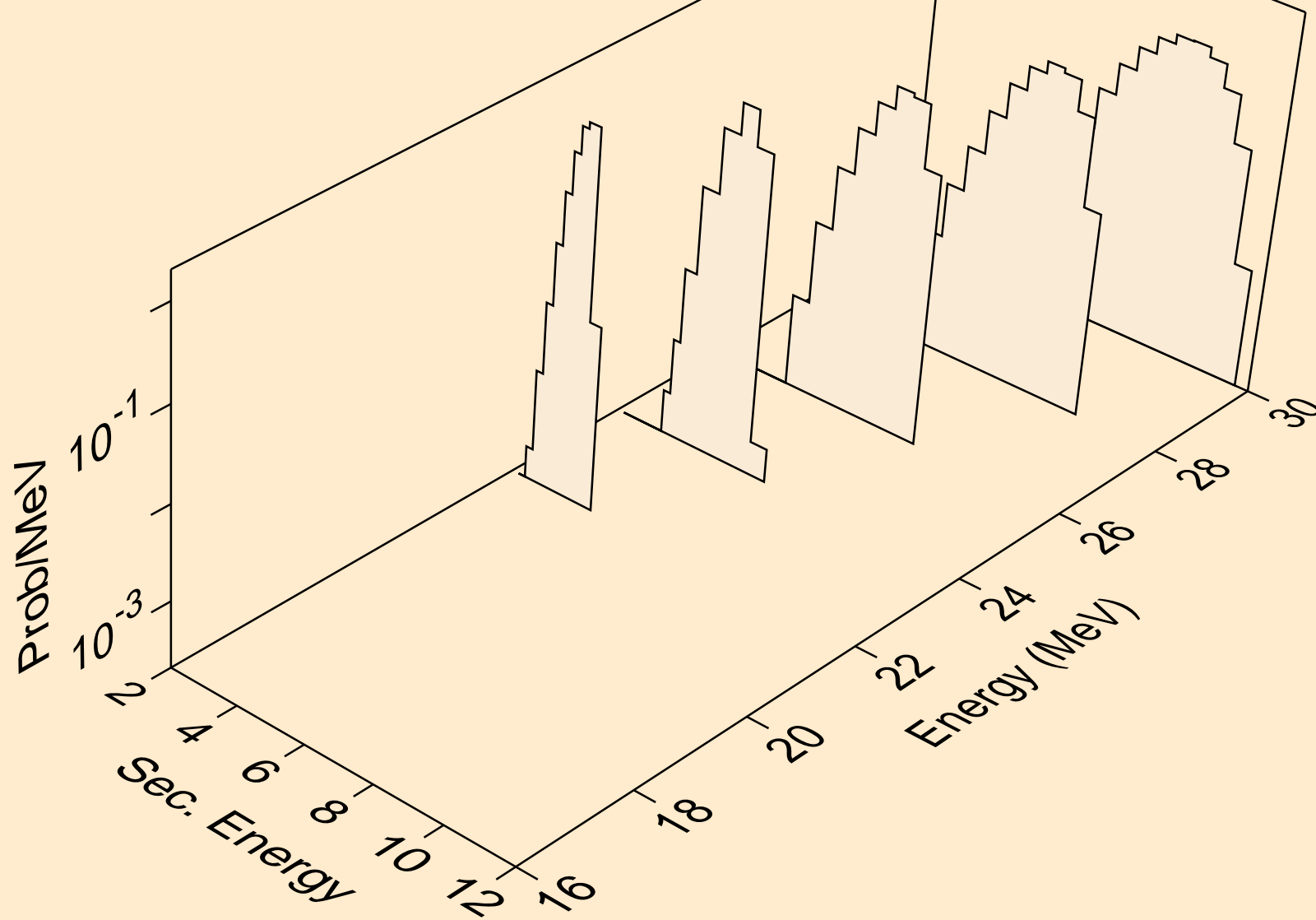
Alpha emission for (a,x)



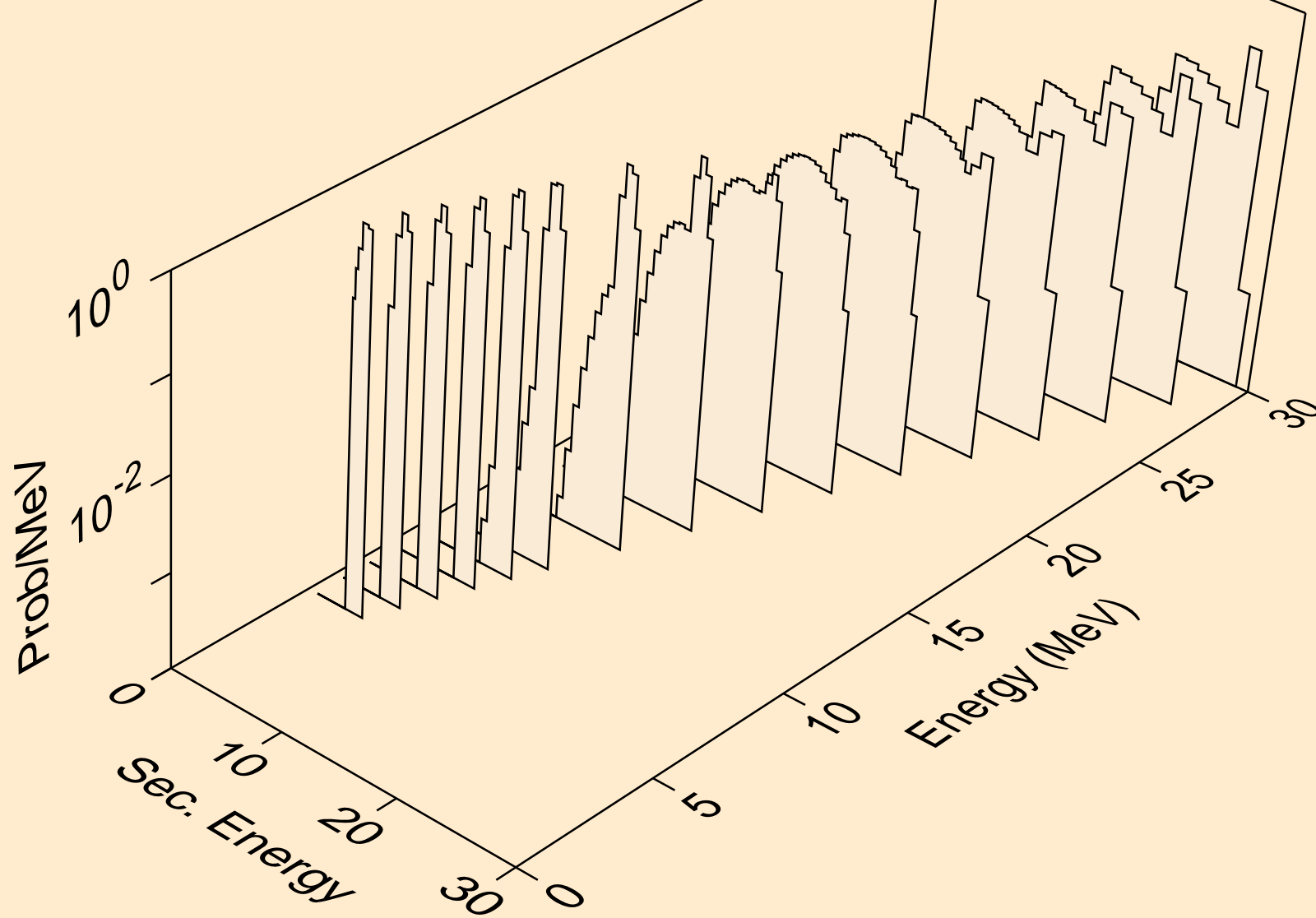
AS078 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



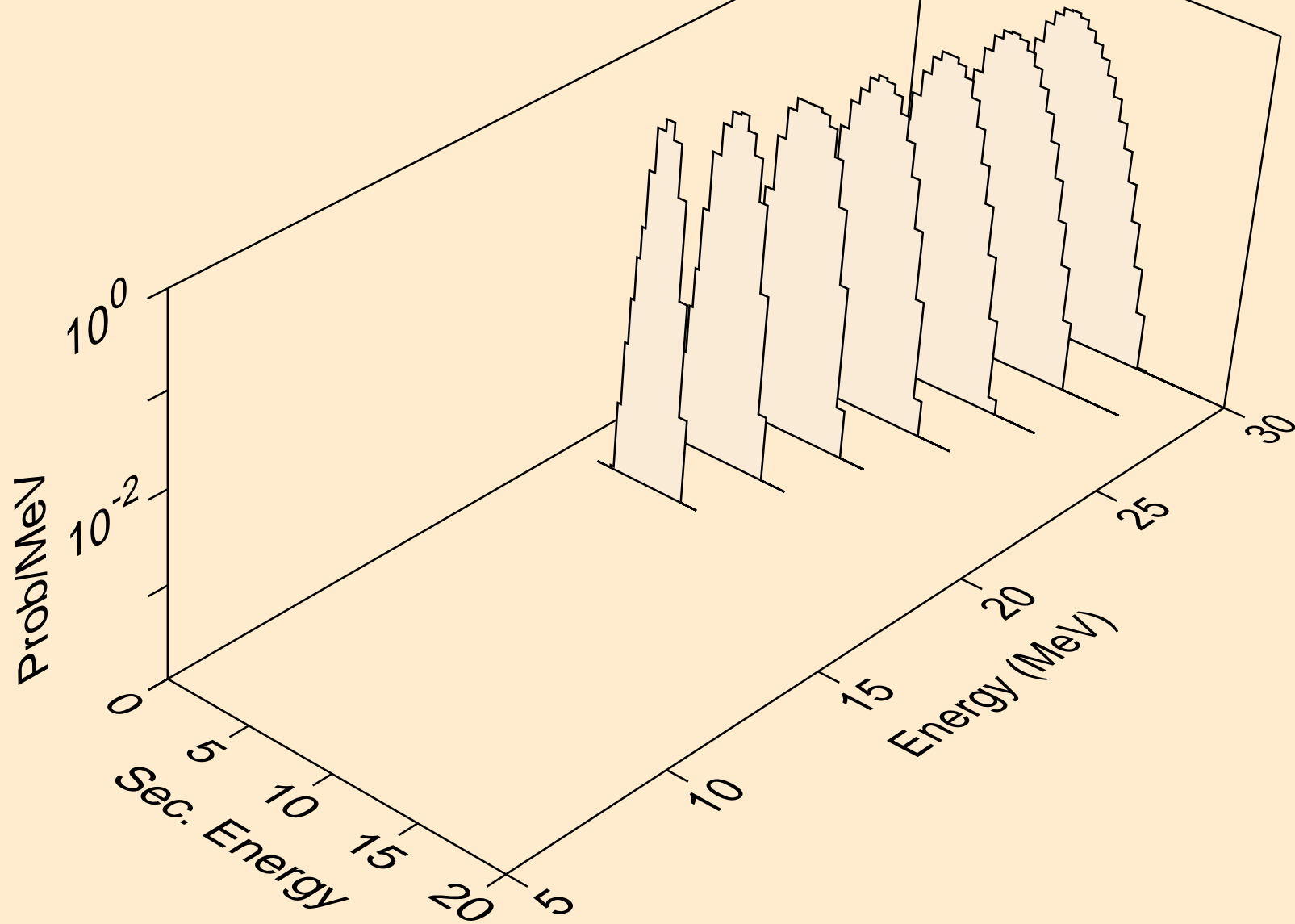
AS078 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



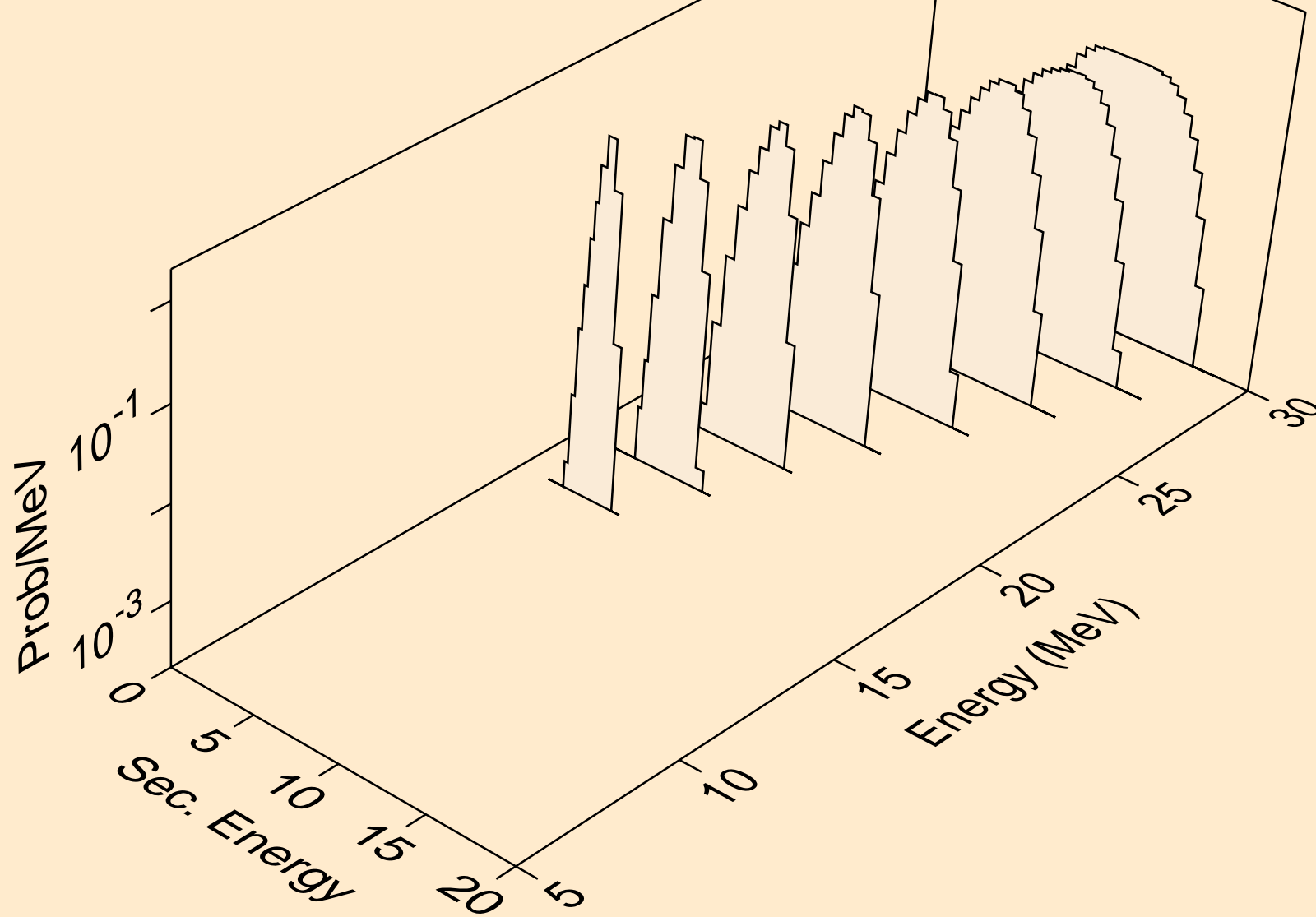
AS078 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic



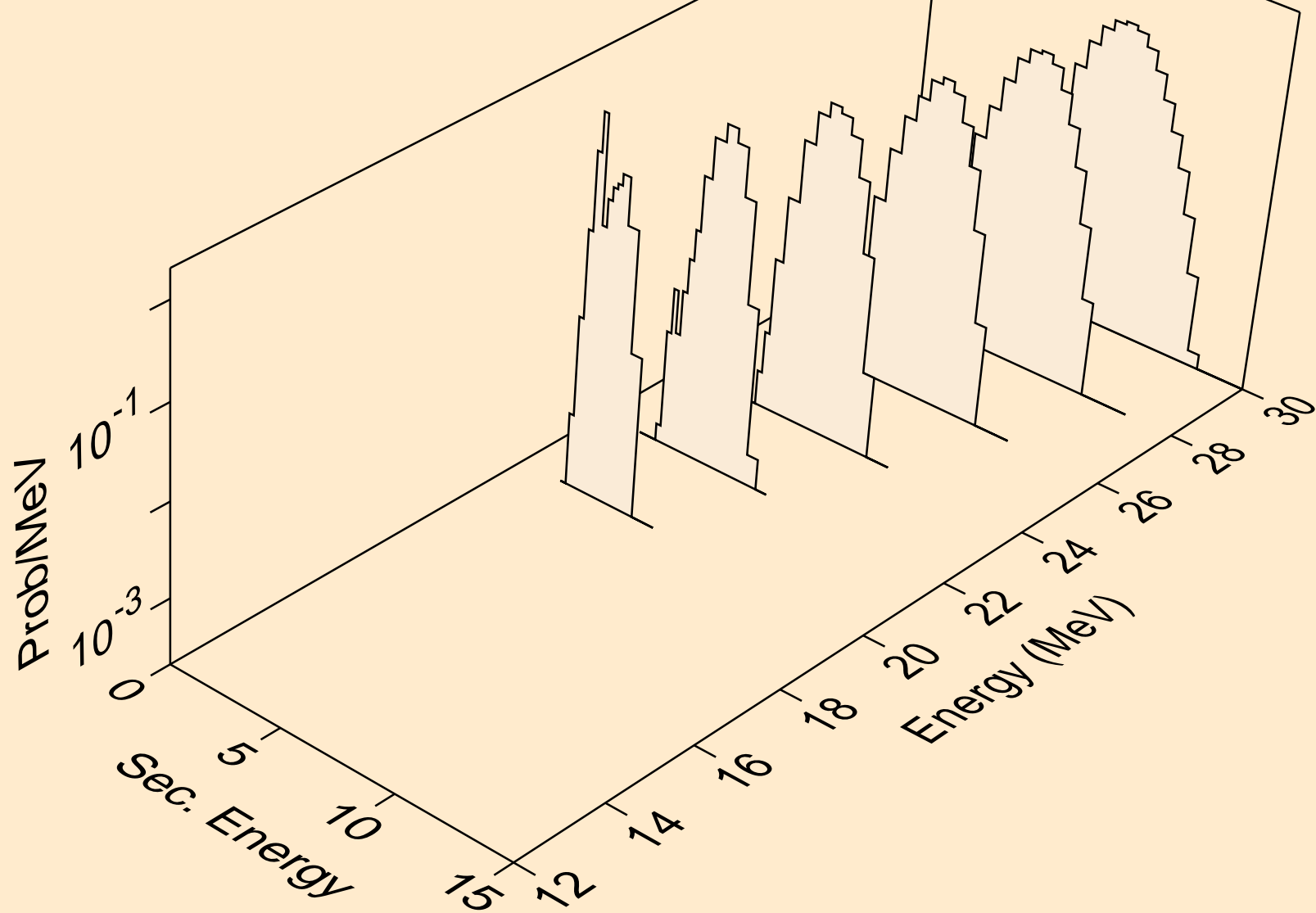
AS078 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2a)



AS078 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,pa)

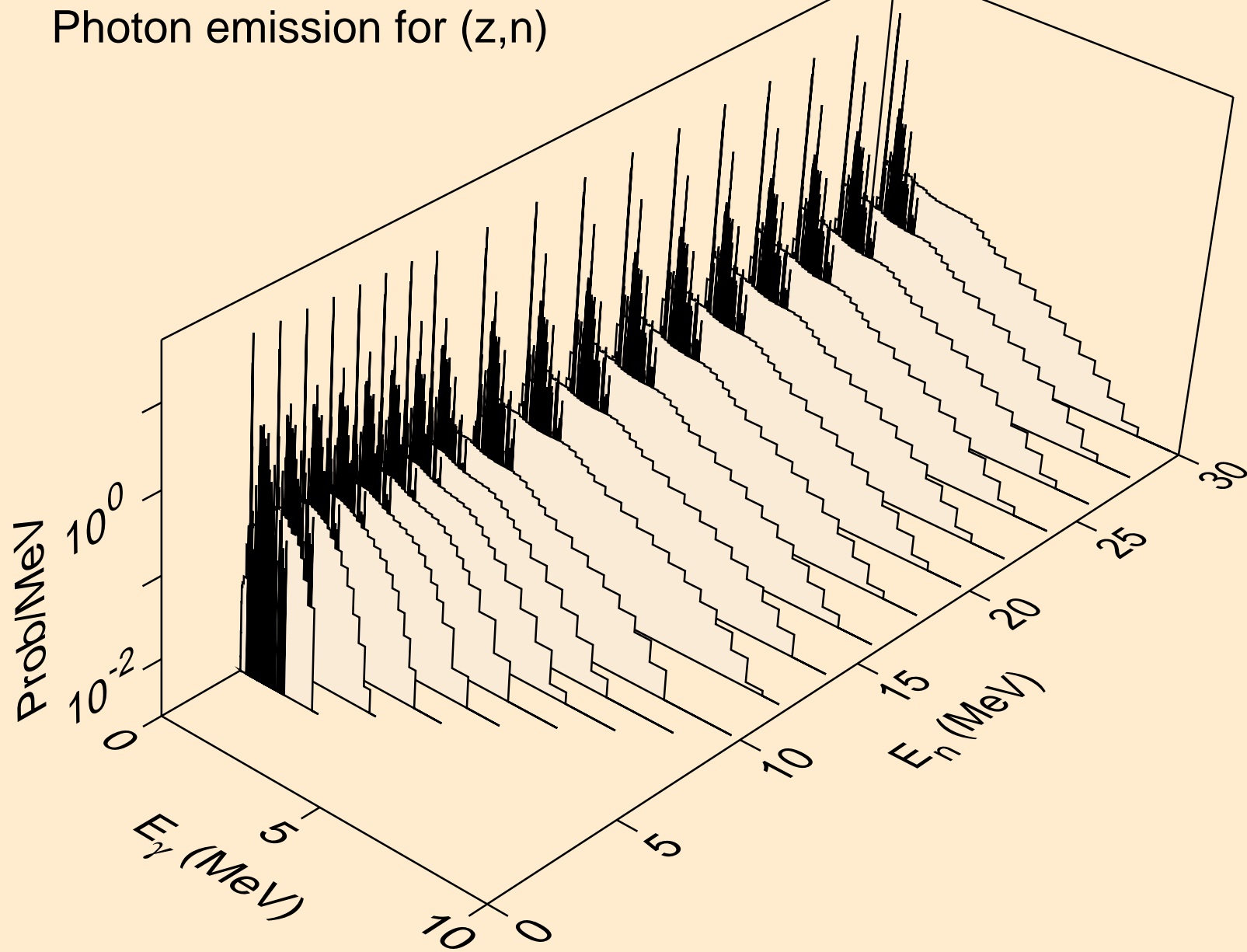


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Alpha emission for (a,da)

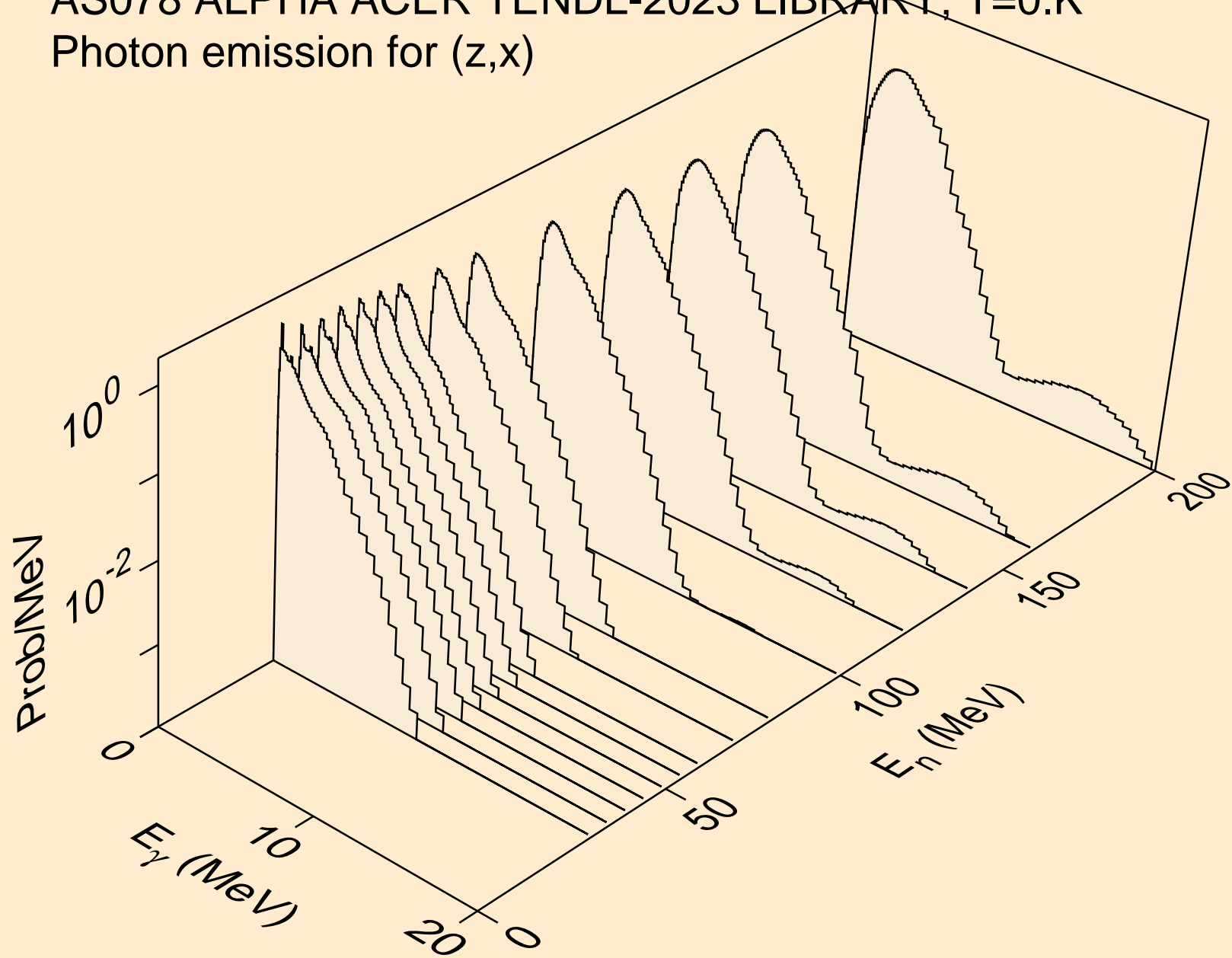




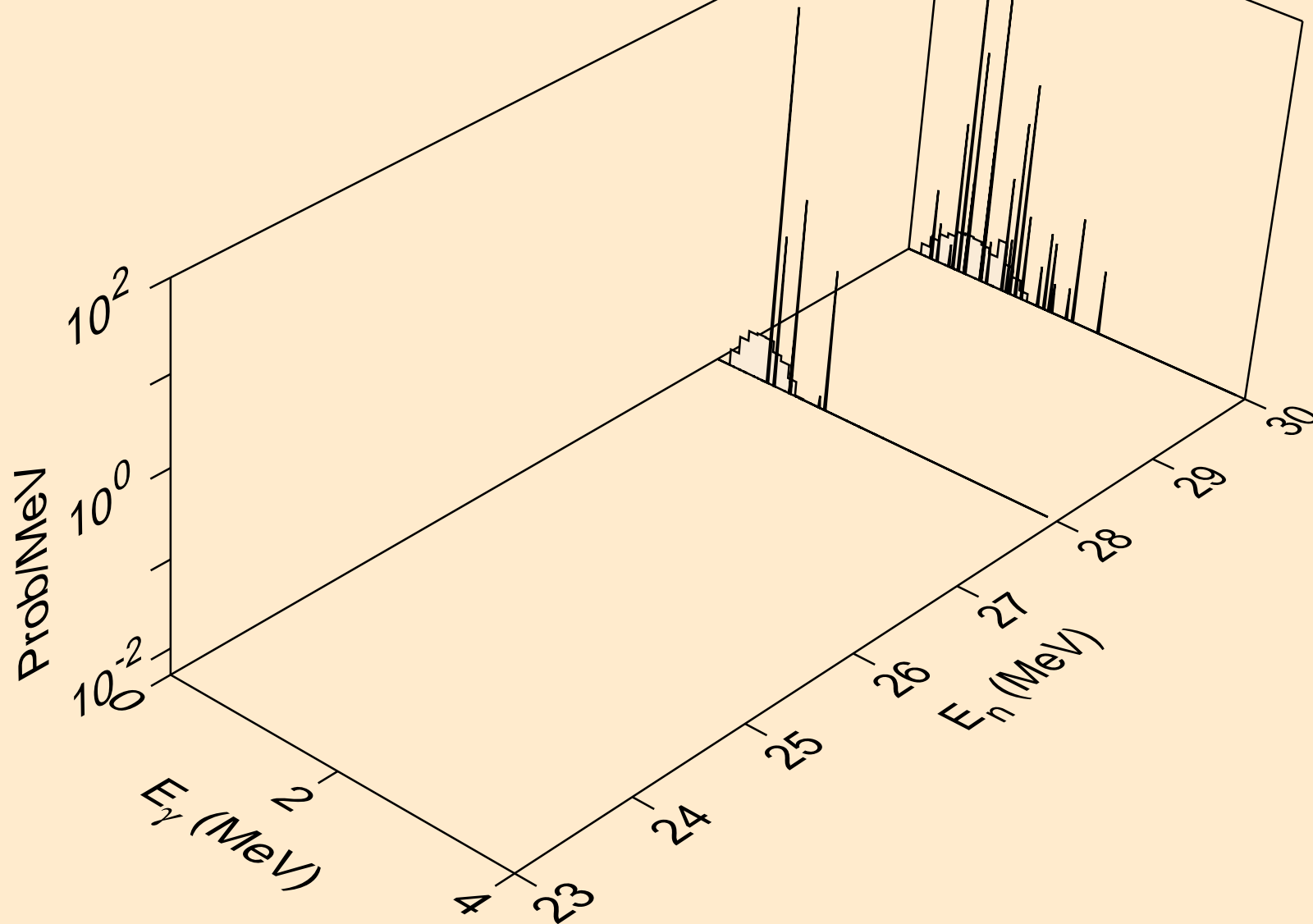
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Photon emission for (z,n)



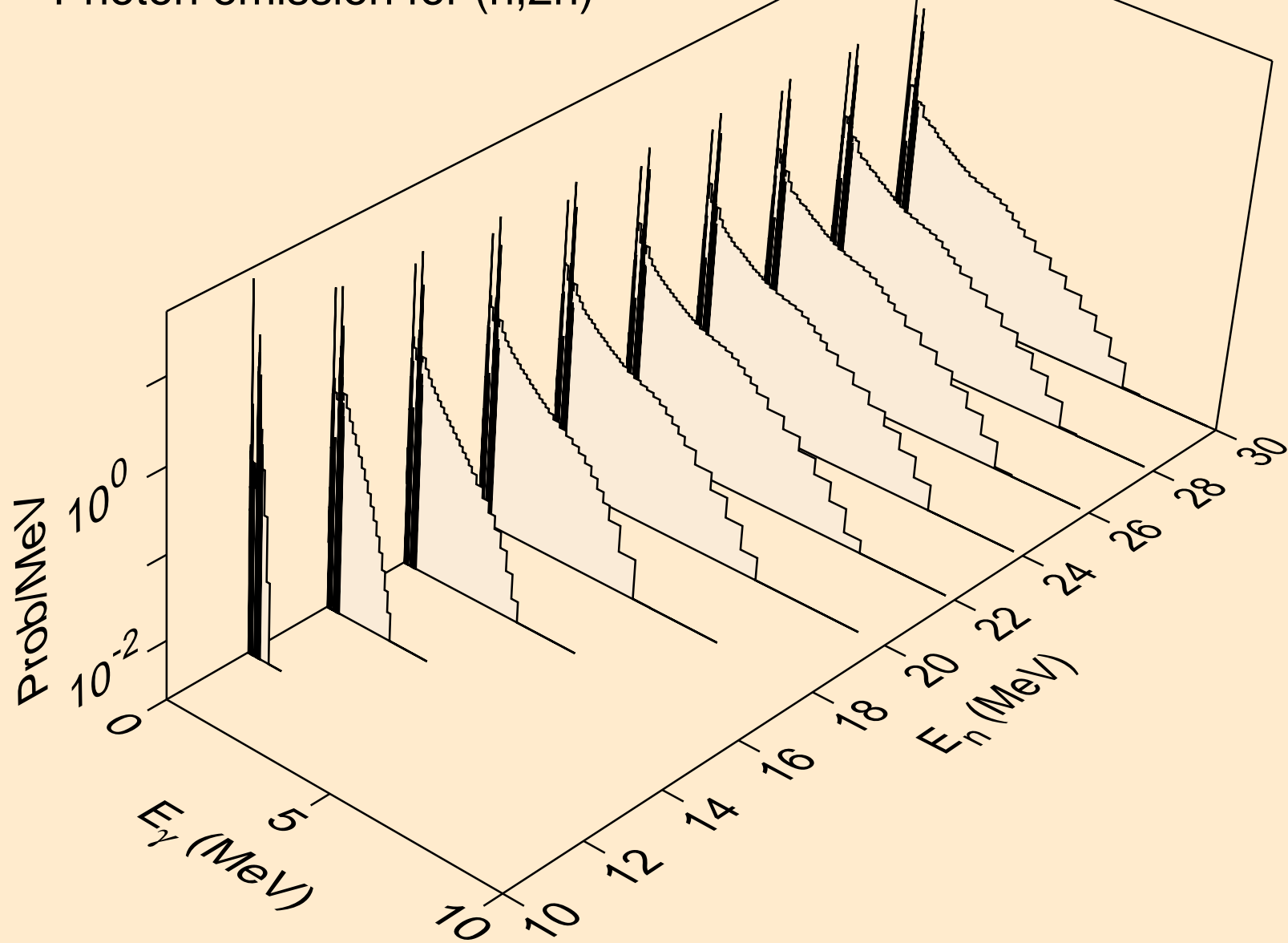
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Photon emission for (z,x)



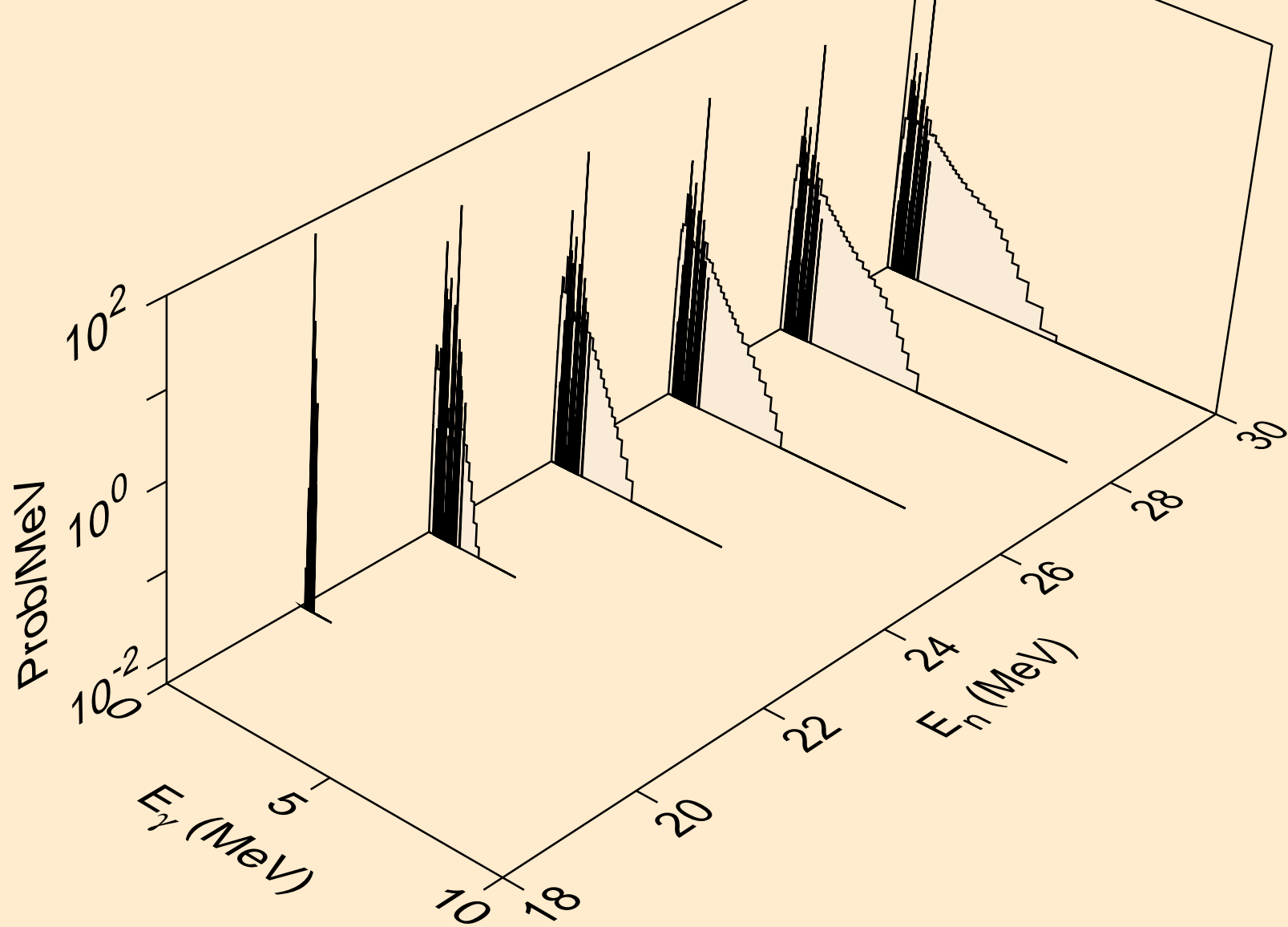
AS078 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



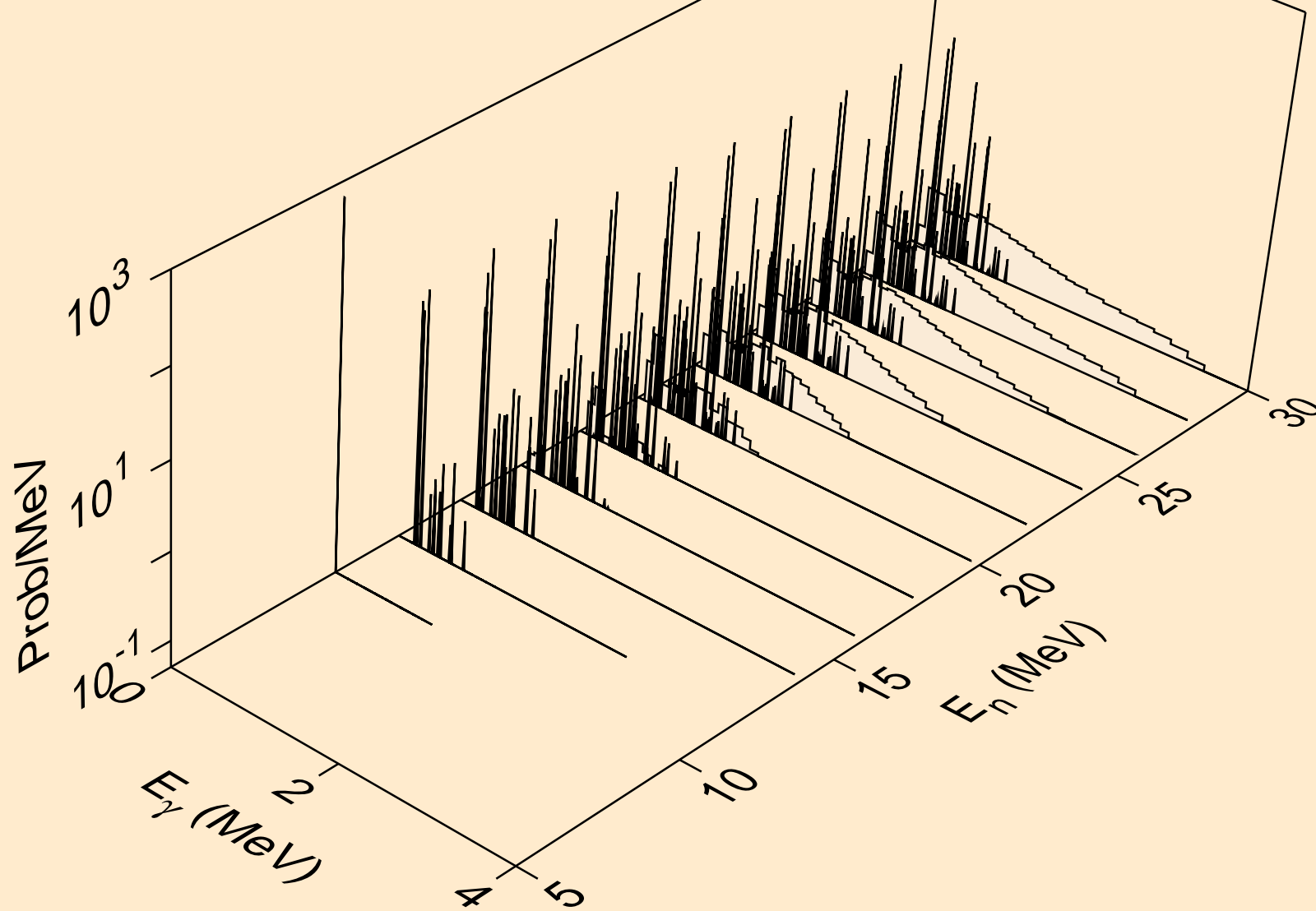
AS078 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



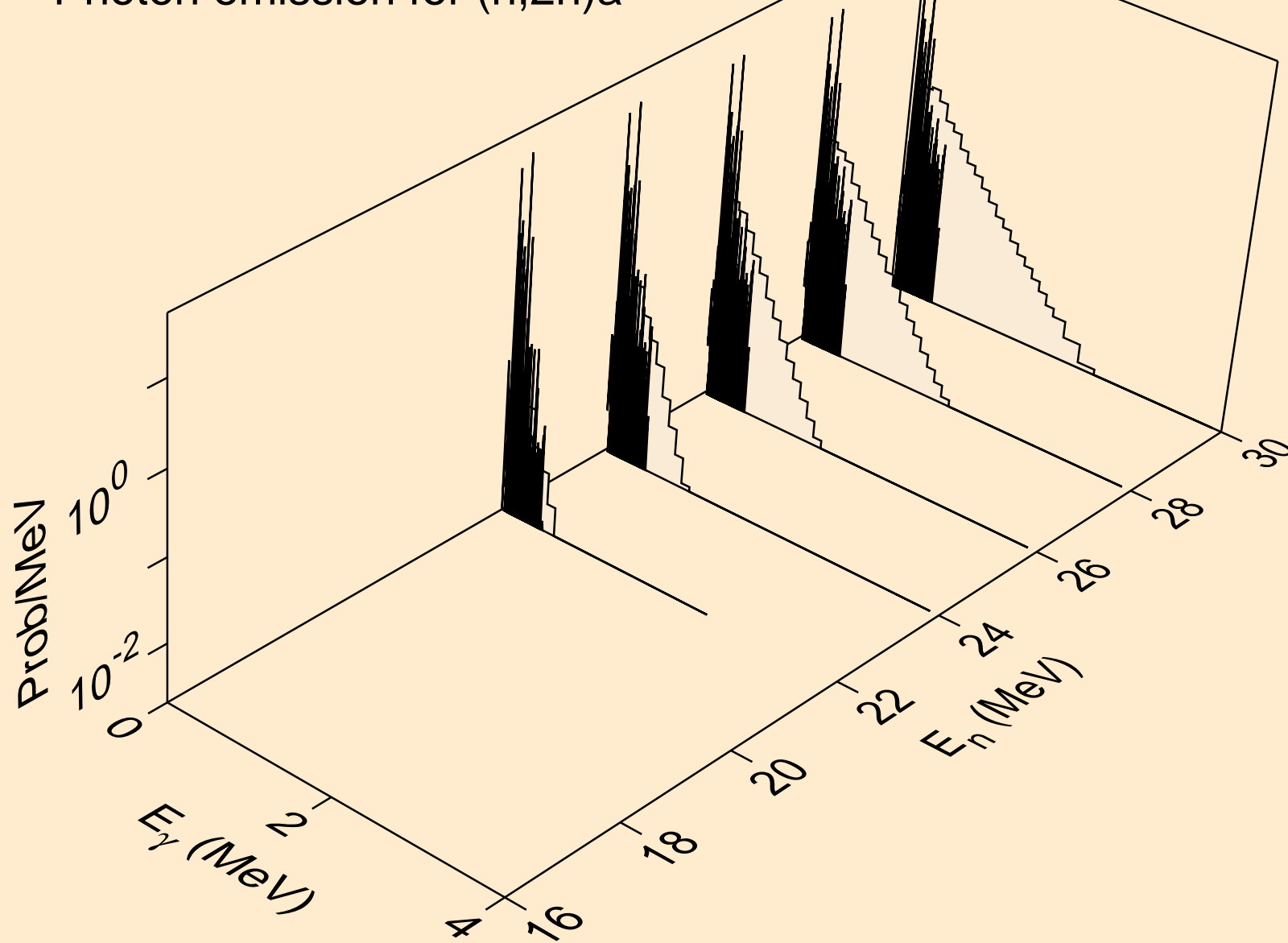
AS078 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



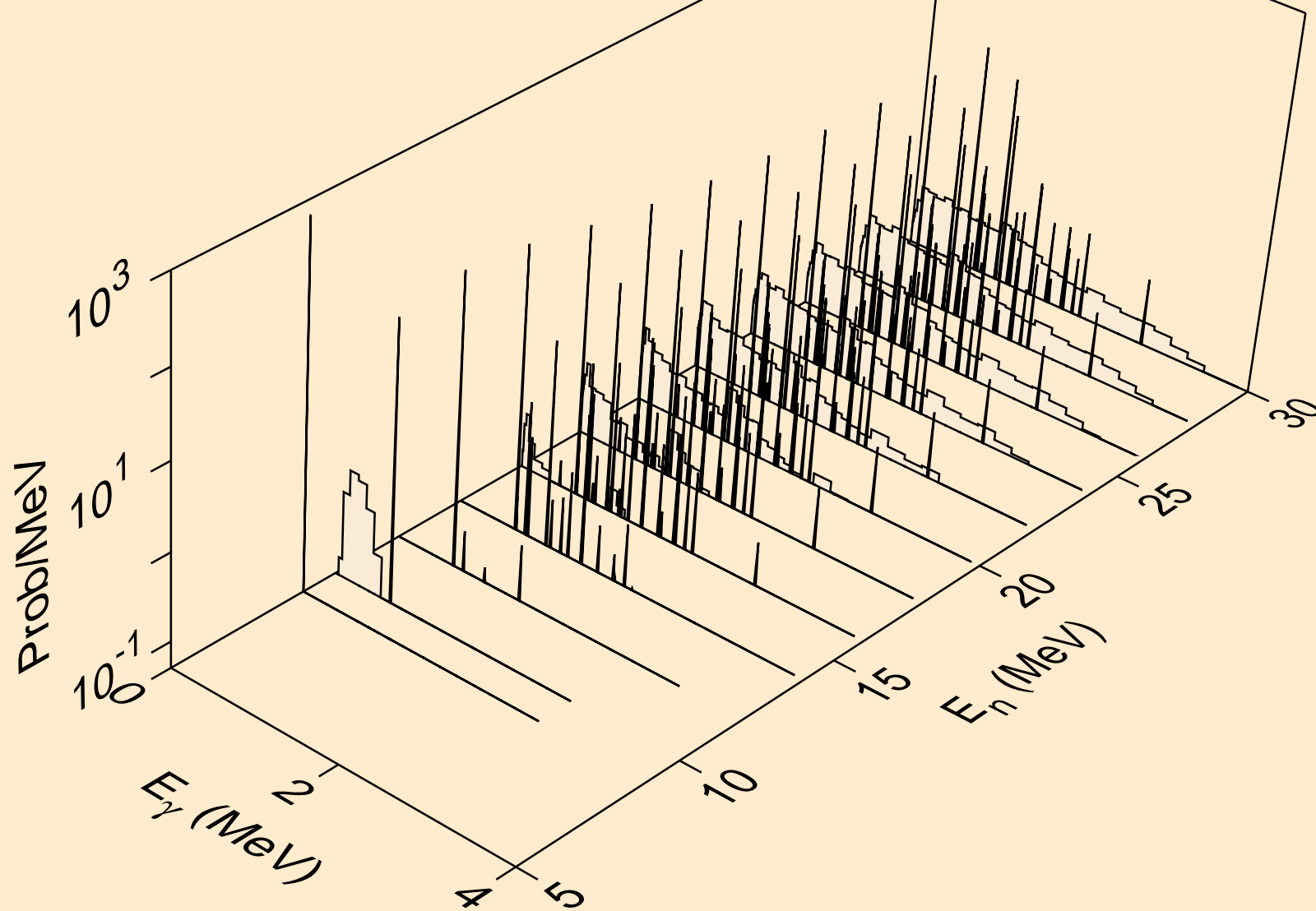
AS078 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



AS078 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

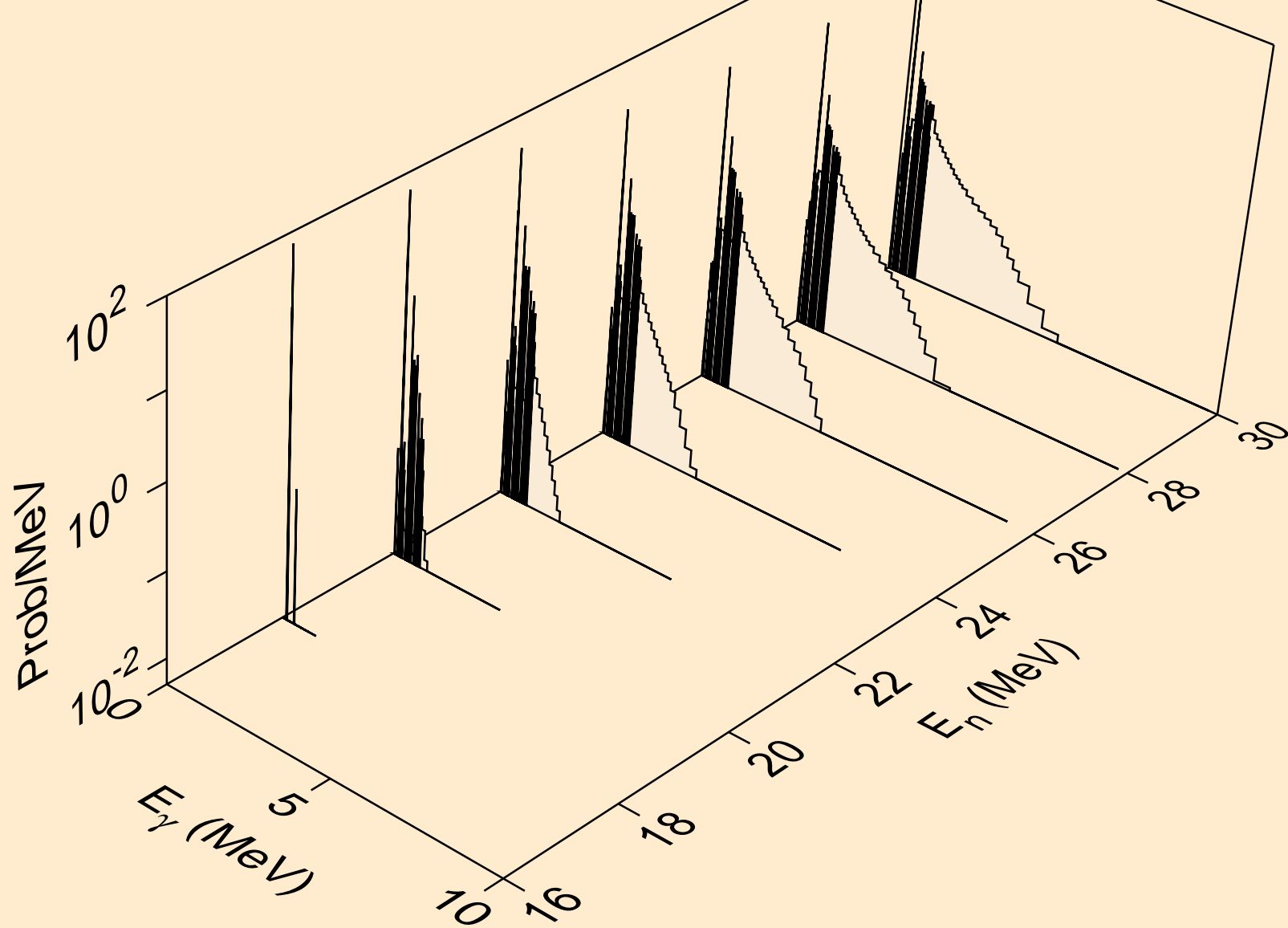


AS078 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

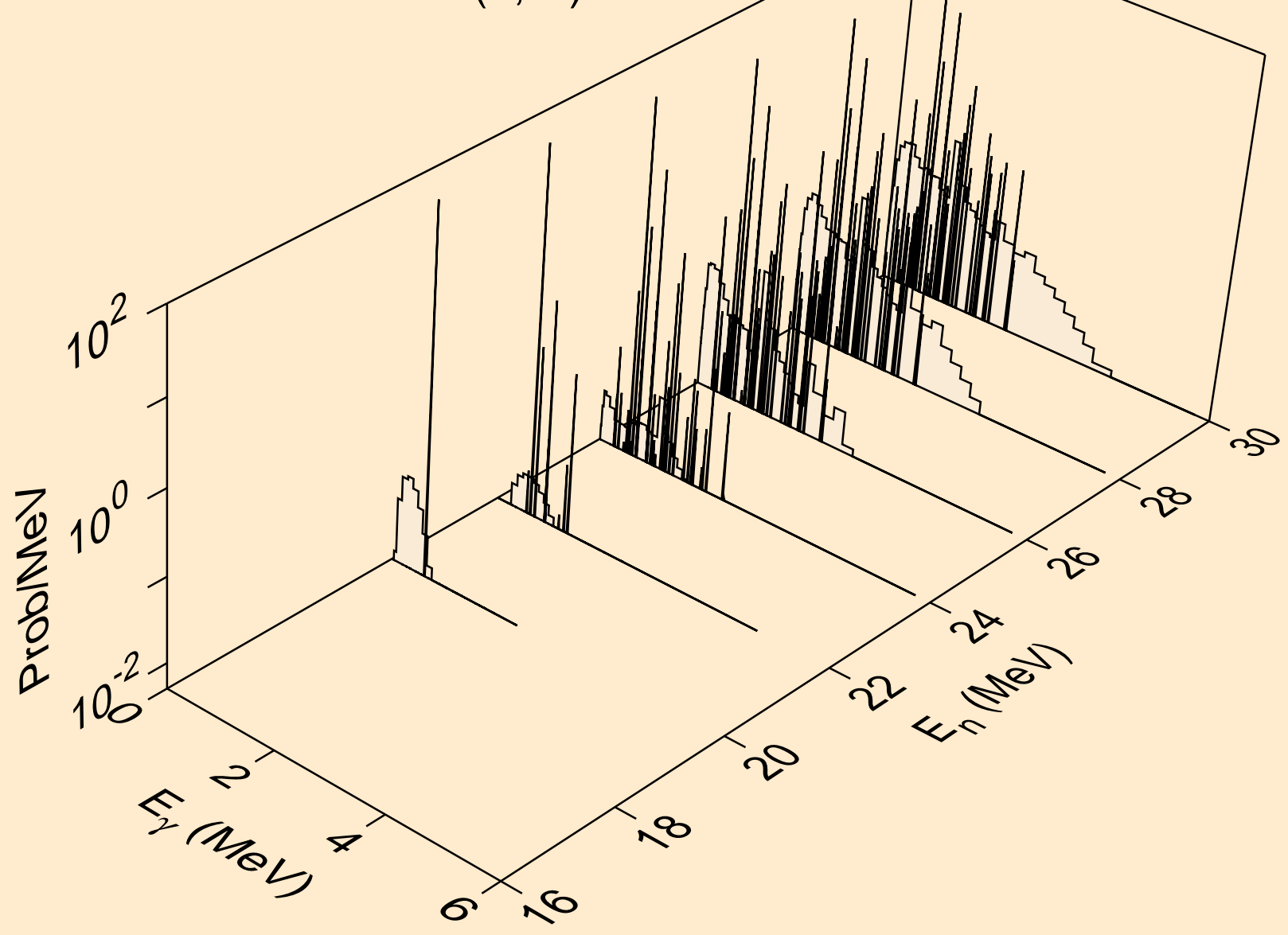




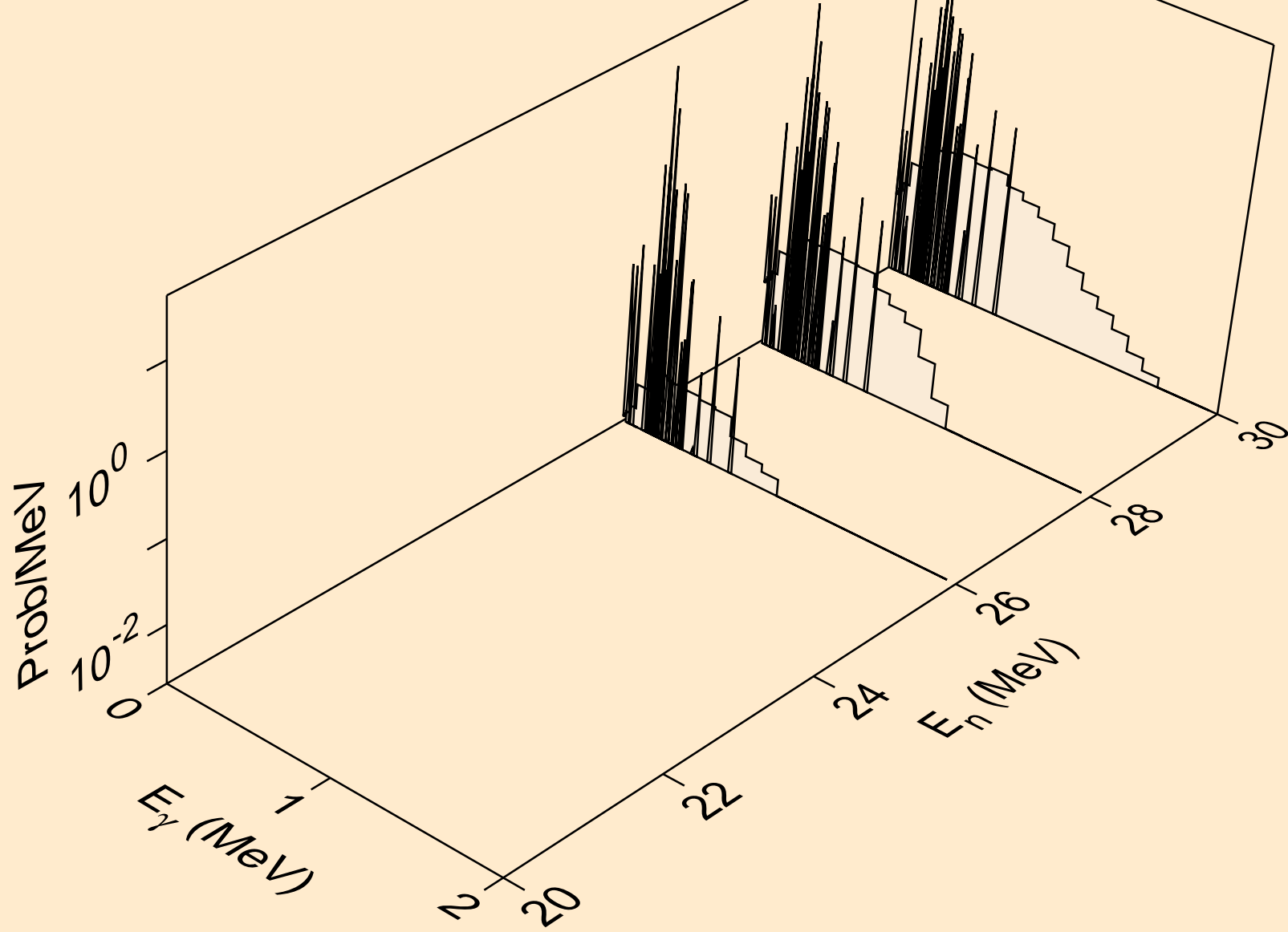
AS078 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



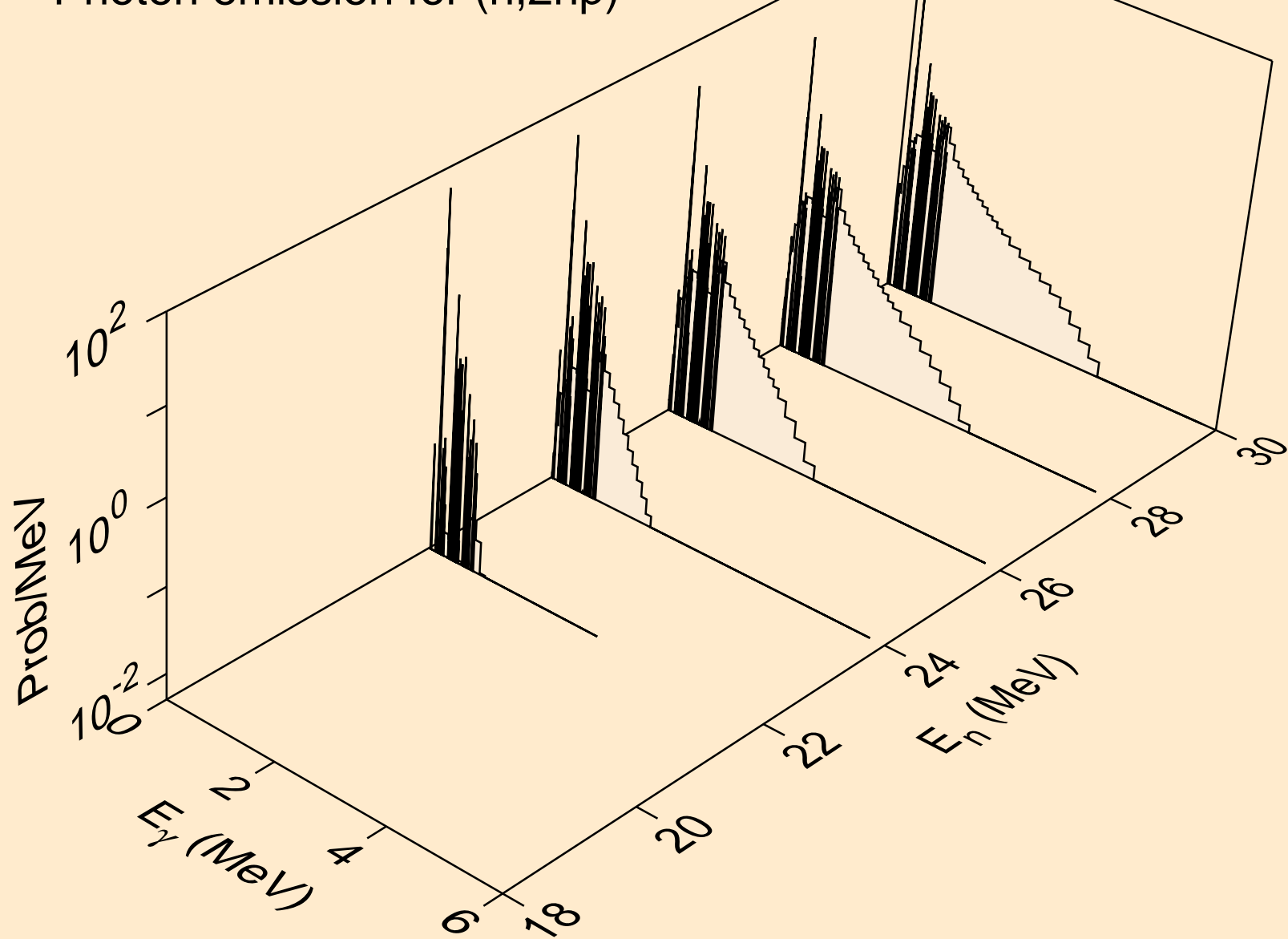
AS078 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



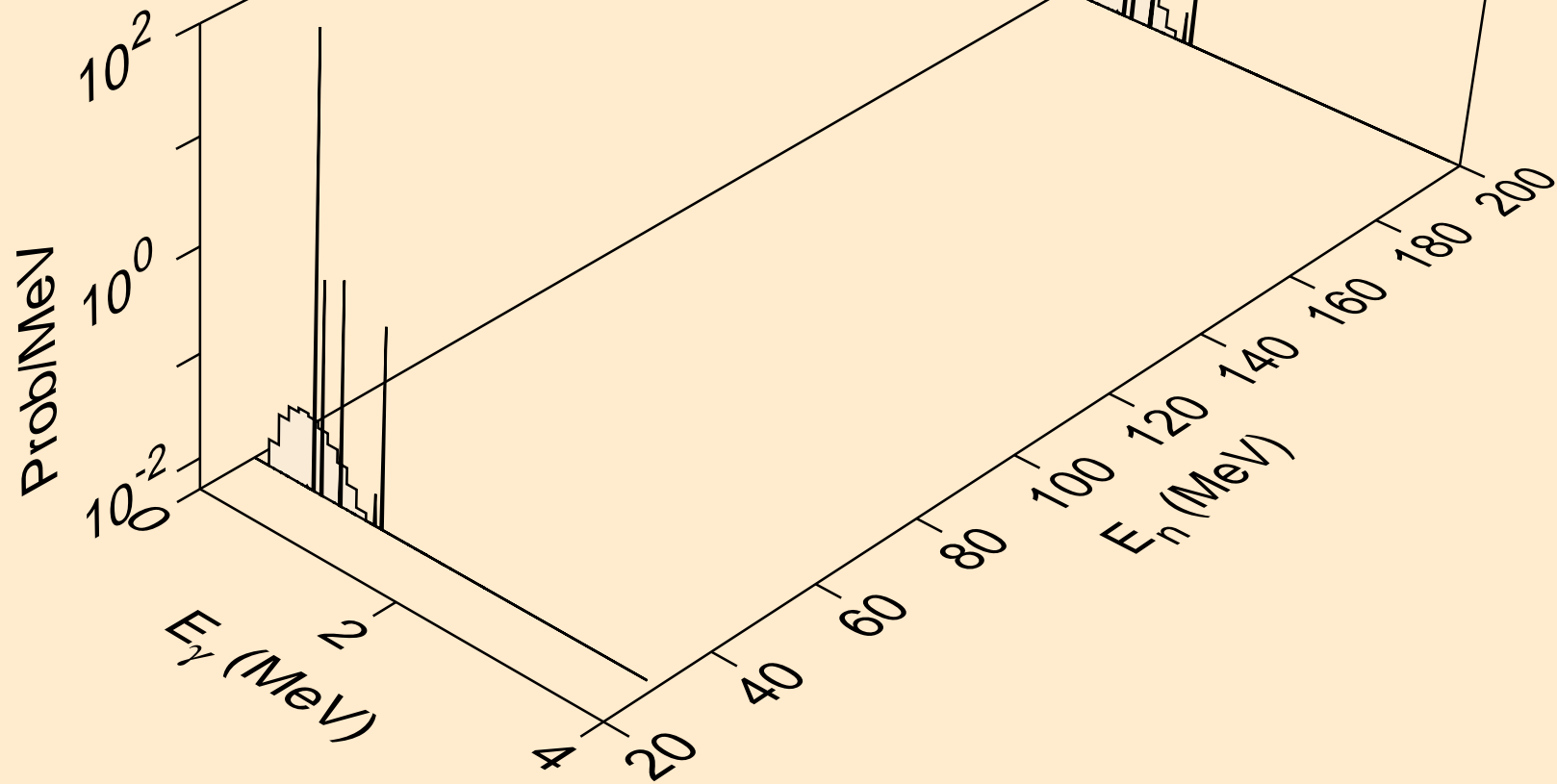
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Photon emission for (n,n\*)he3



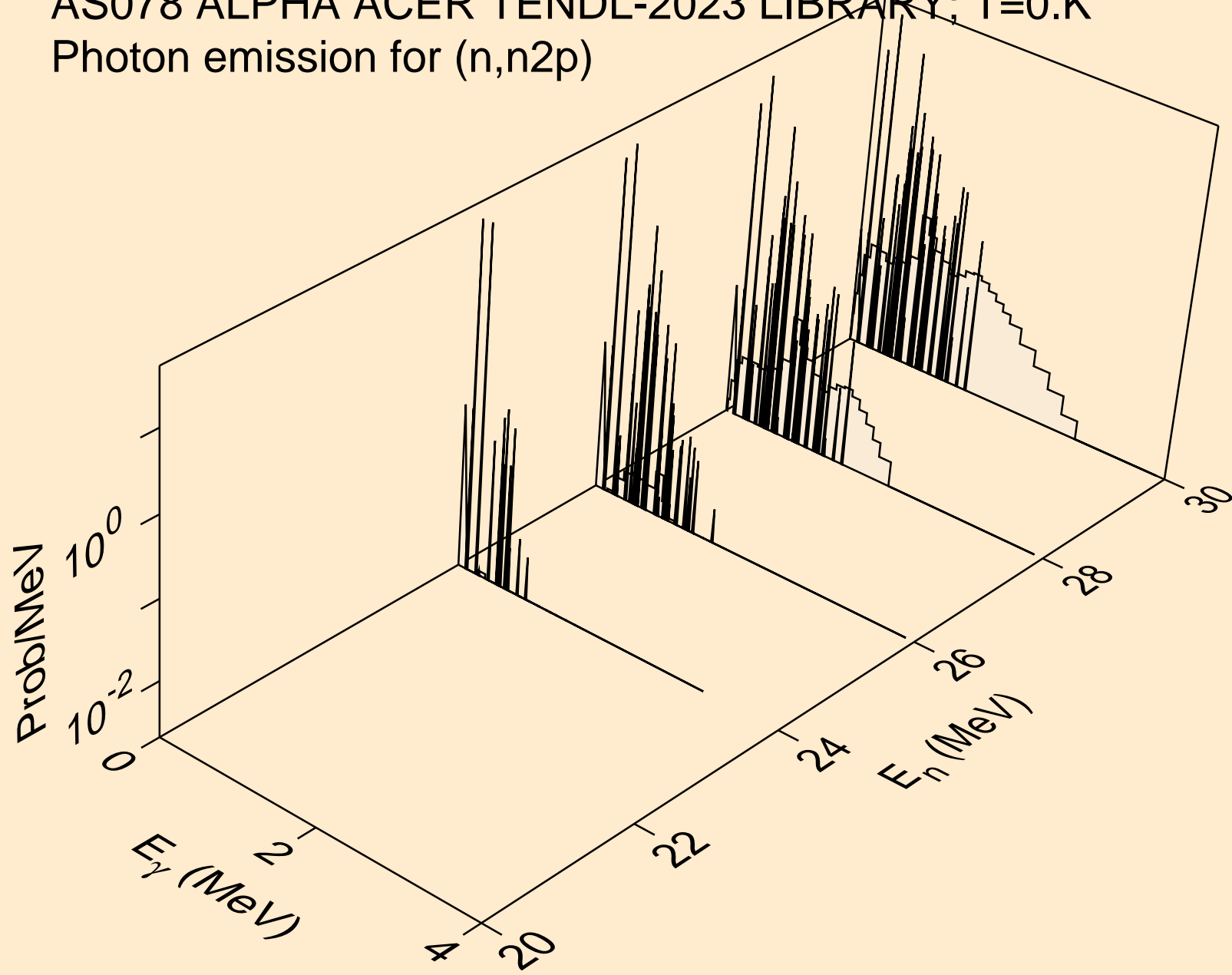
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Photon emission for (n,2np)



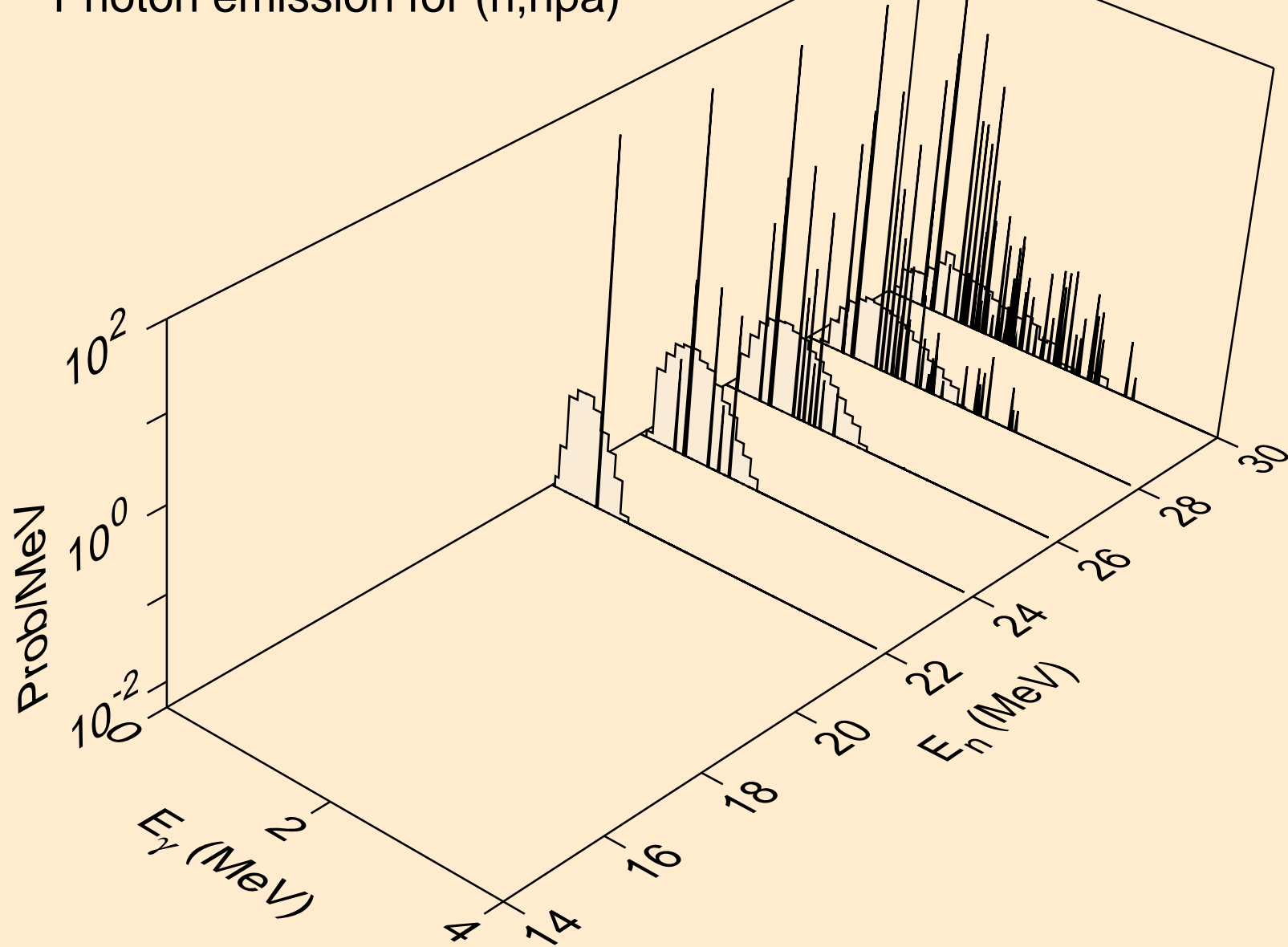
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Photon emission for (n,3np)



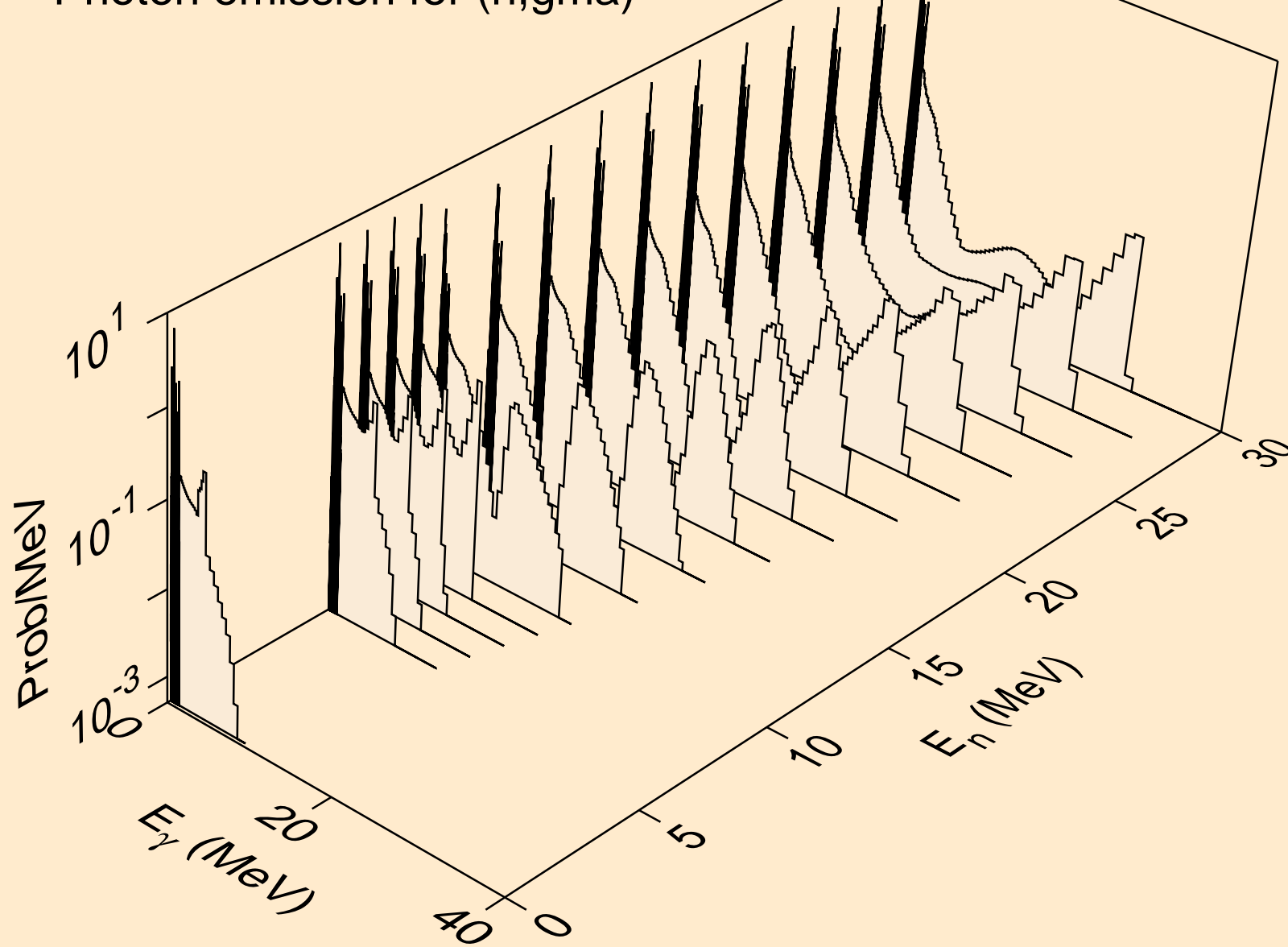
AS078 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



AS078 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)

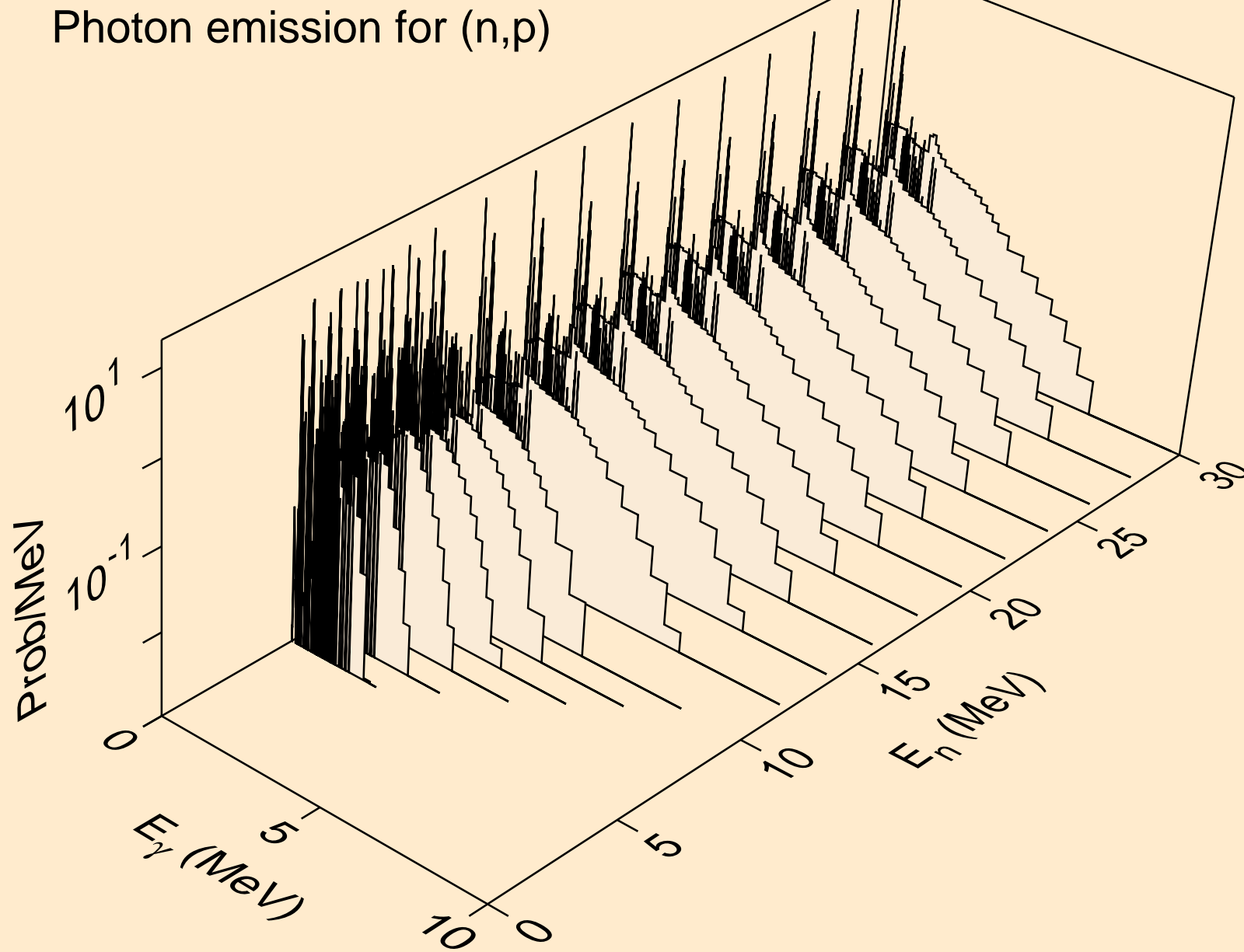


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Photon emission for (n,gma)

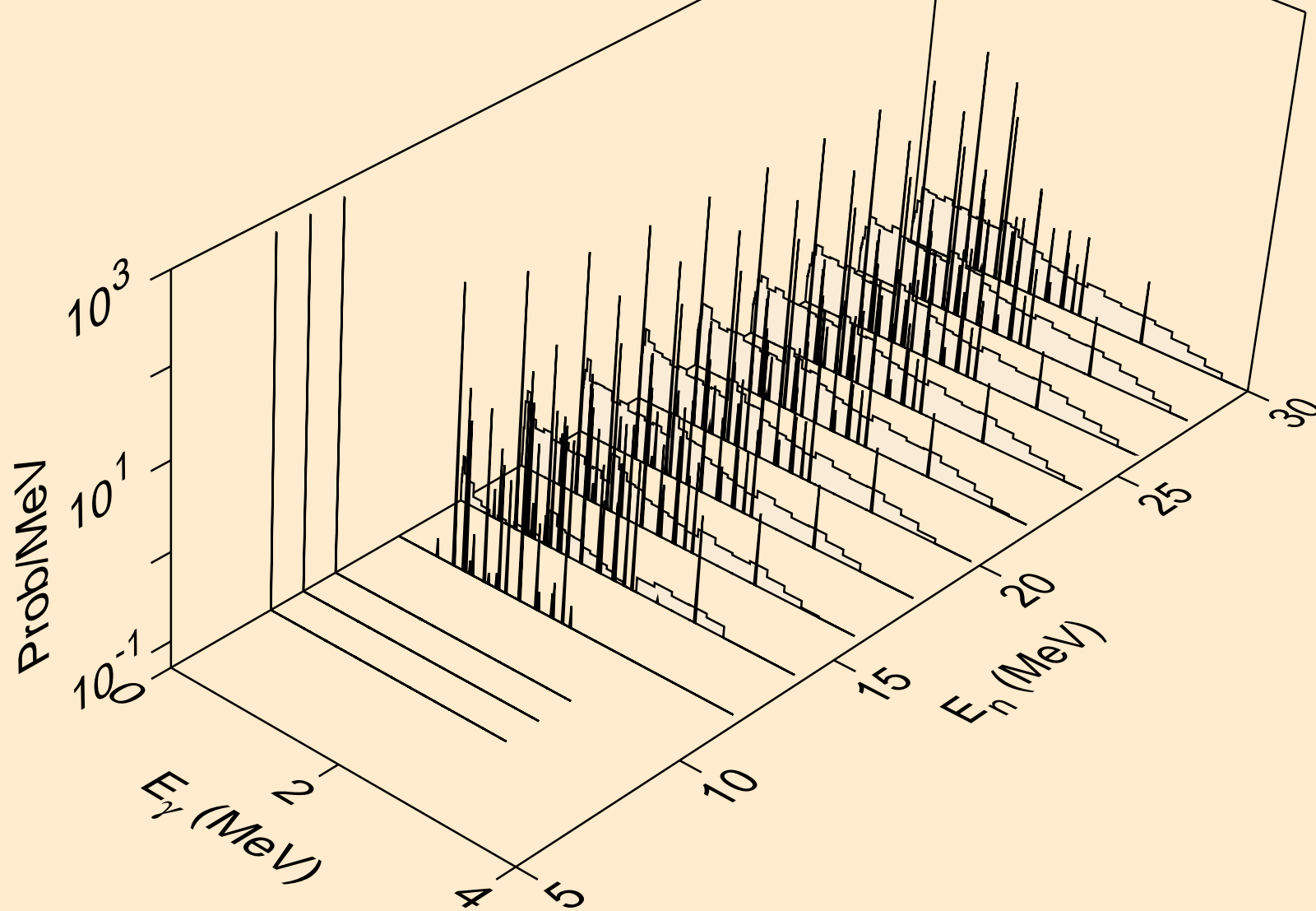




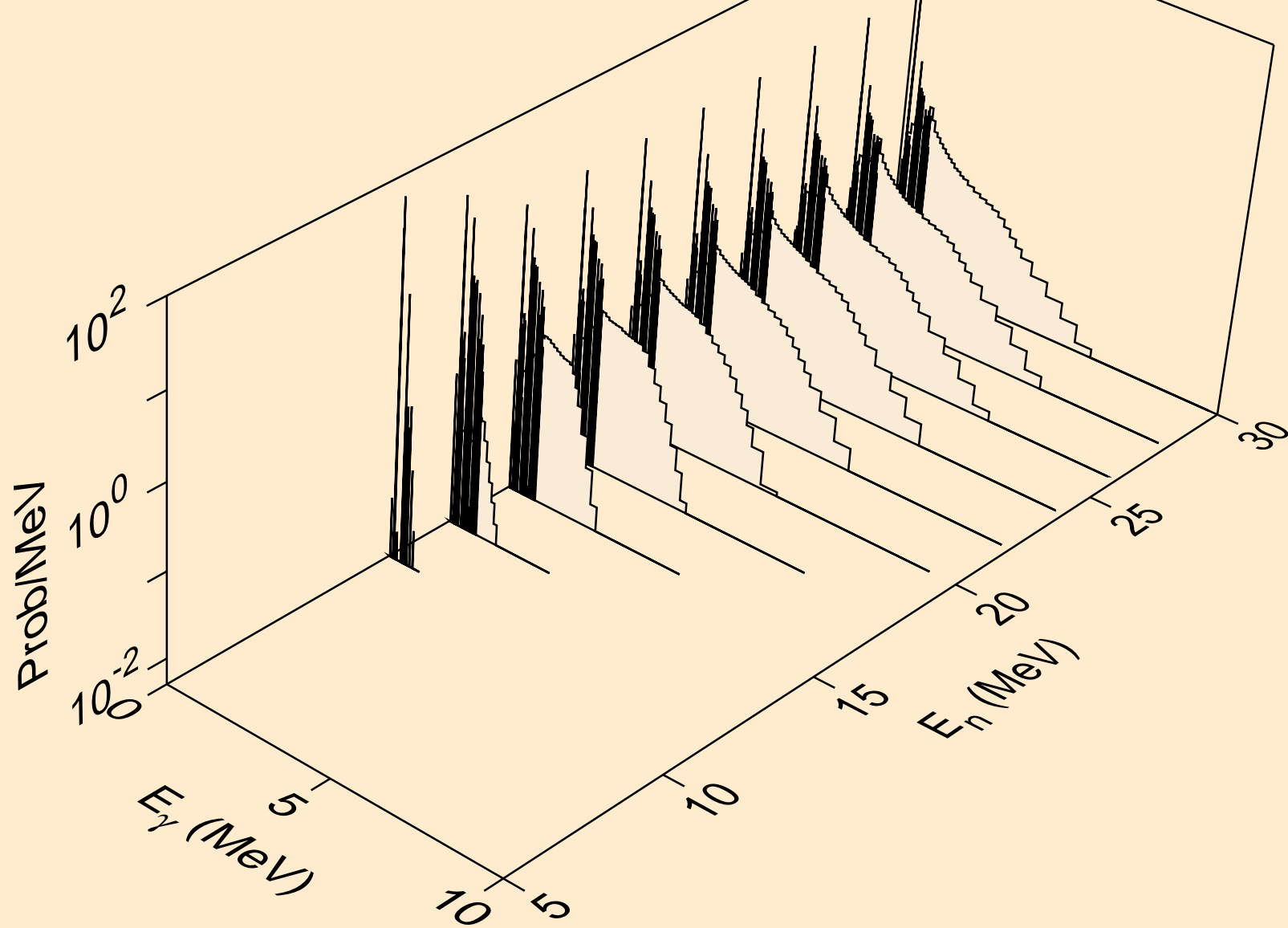
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Photon emission for (n,p)



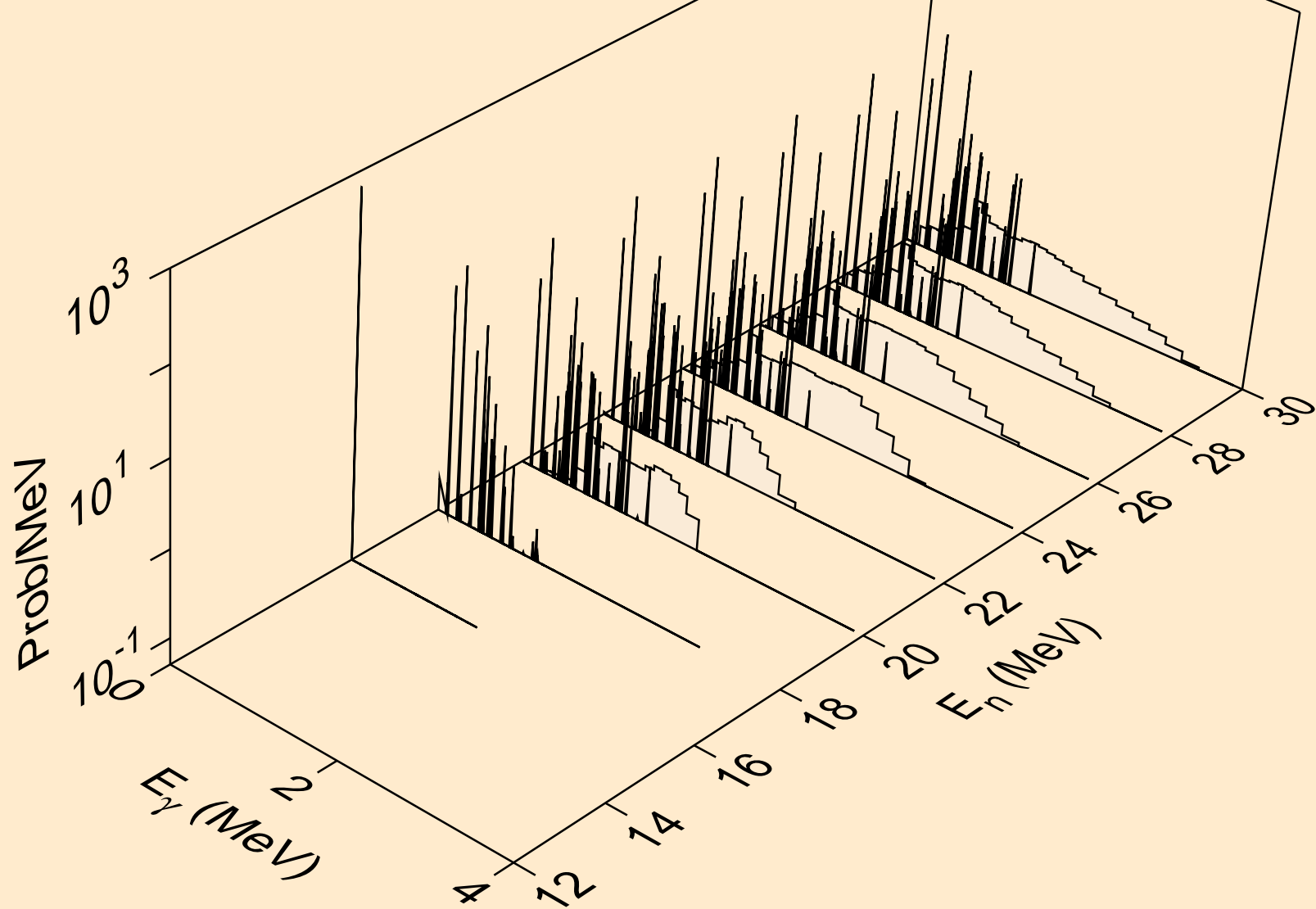
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Photon emission for (n,d)



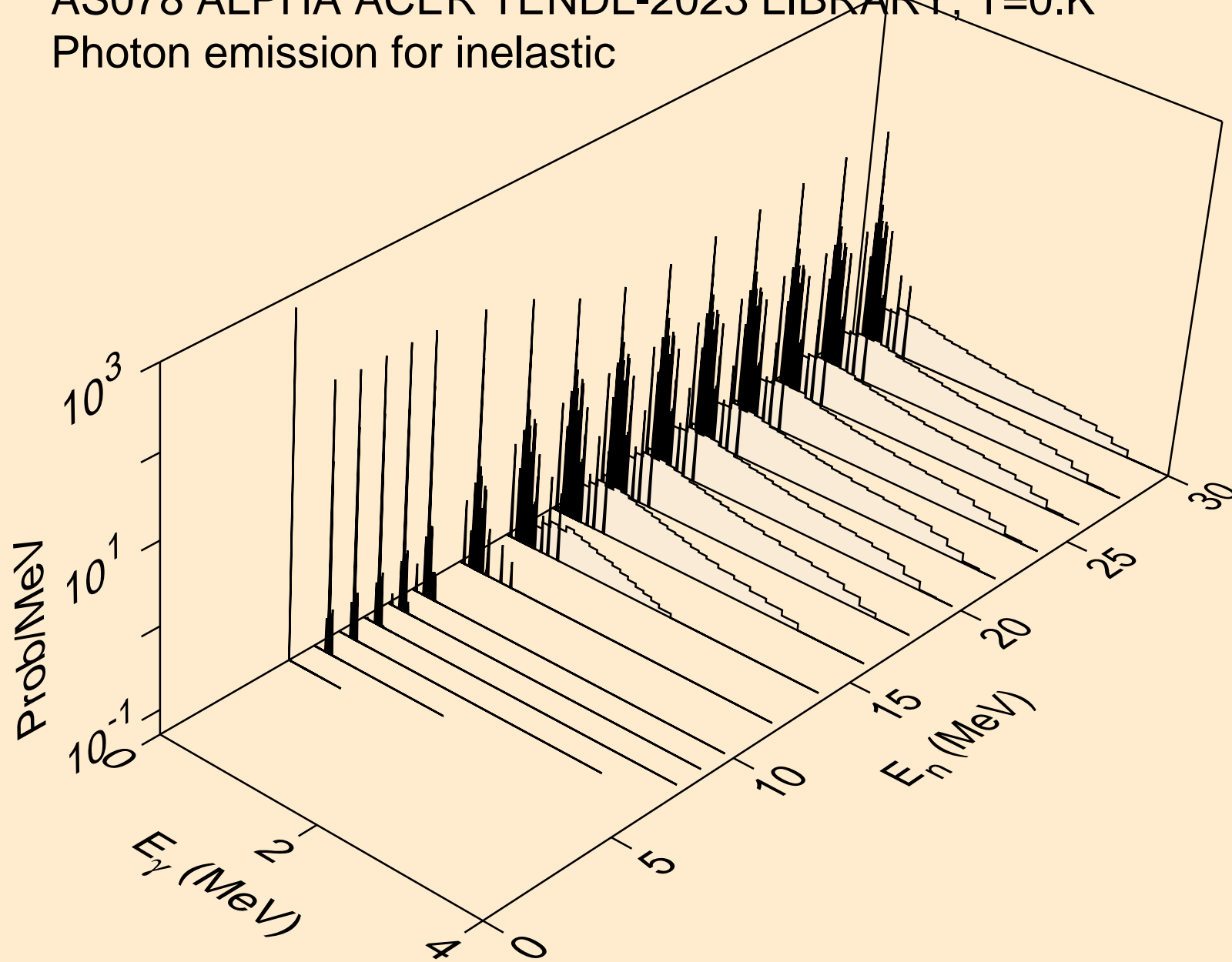
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Photon emission for (n,t)



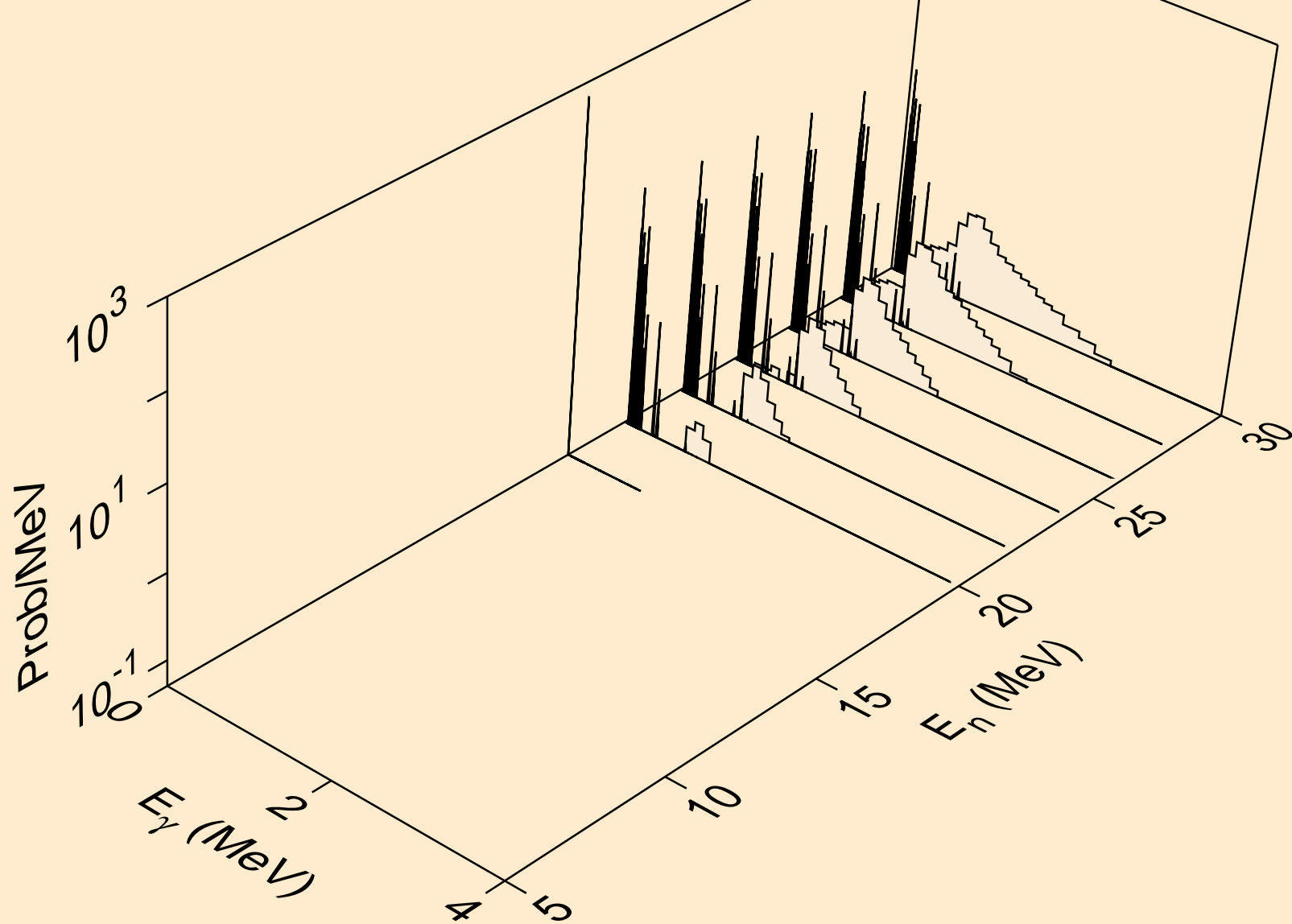
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Photon emission for (n,he3)



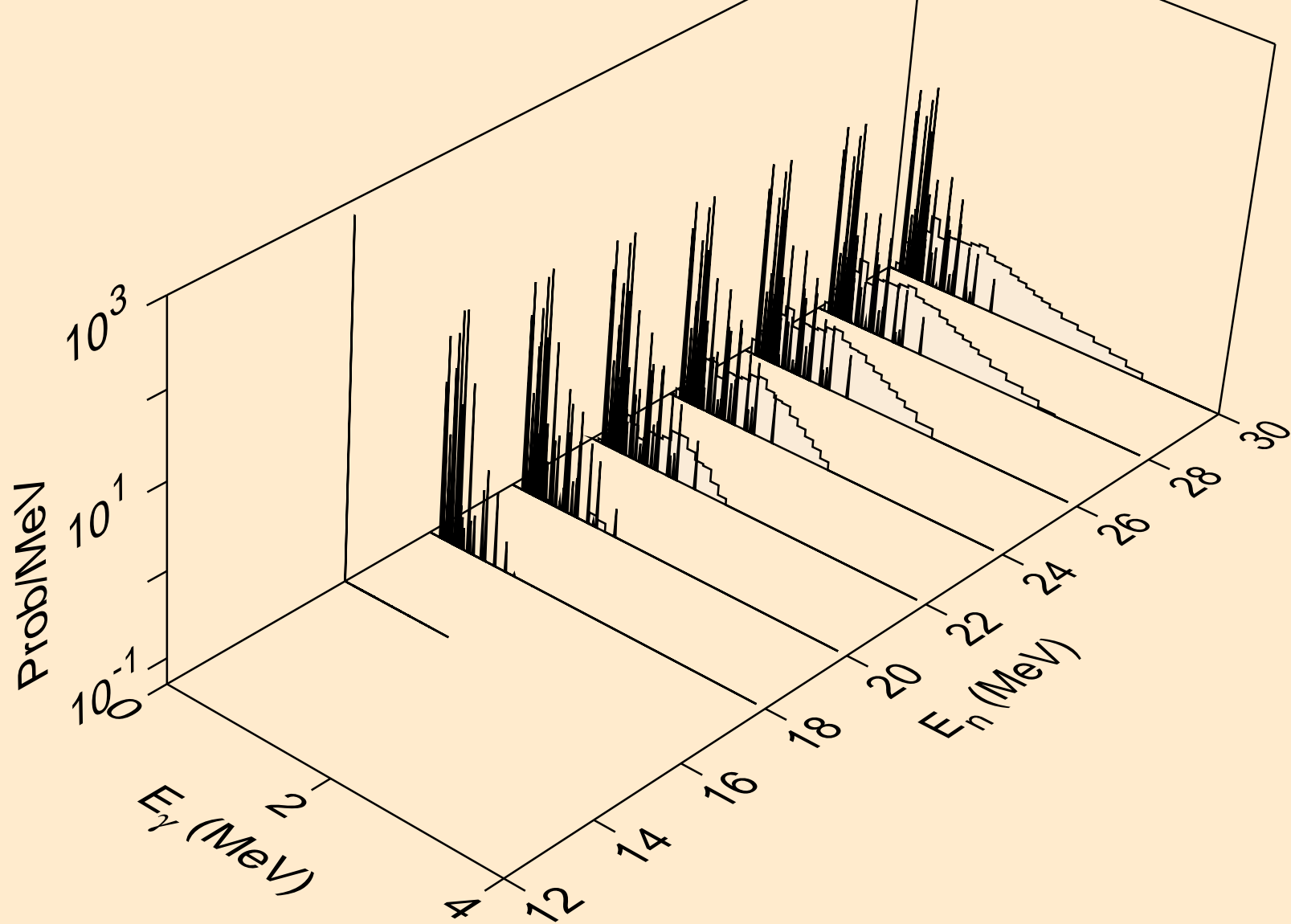
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Photon emission for inelastic



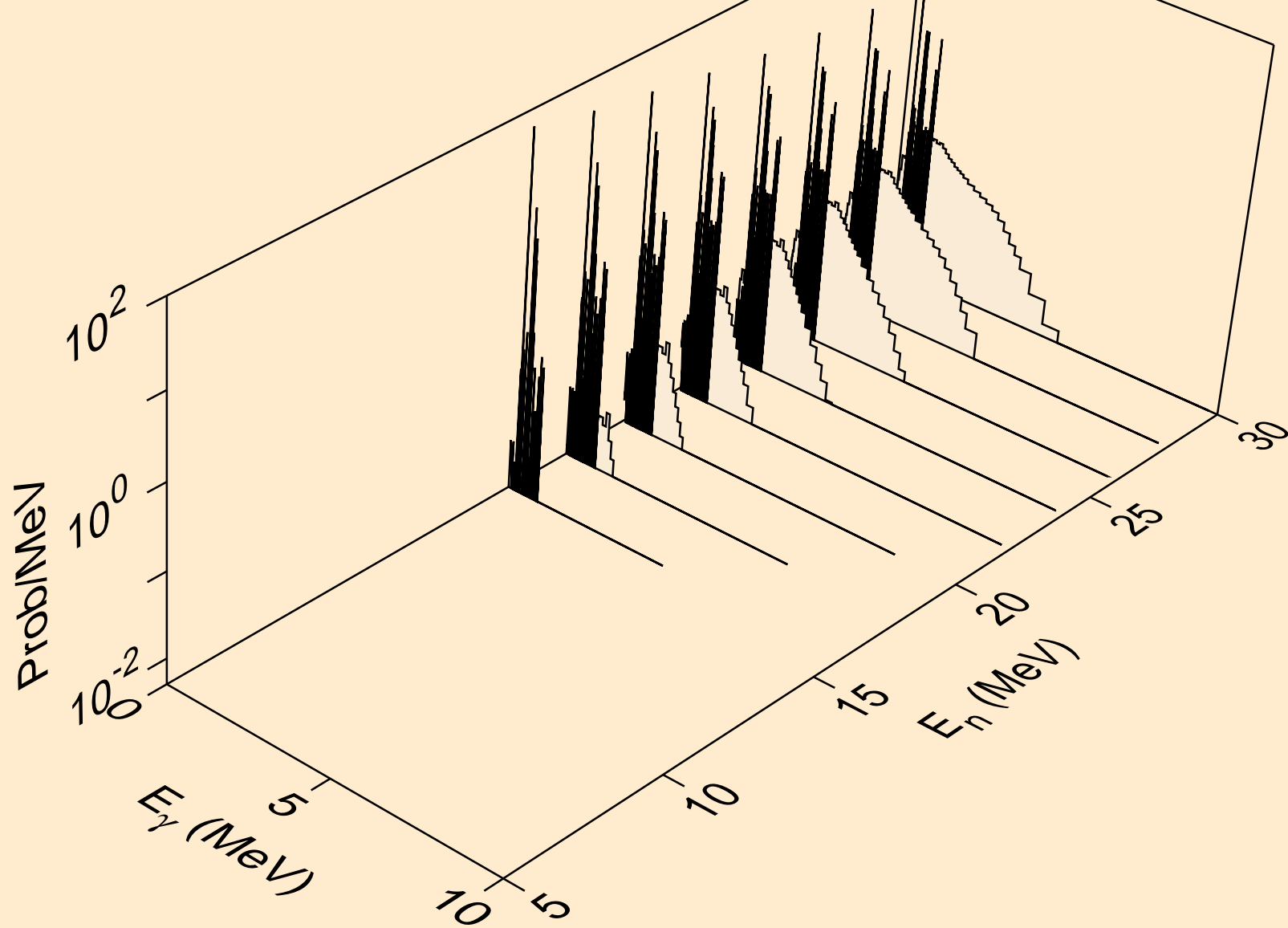
AS078 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



AS078 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)

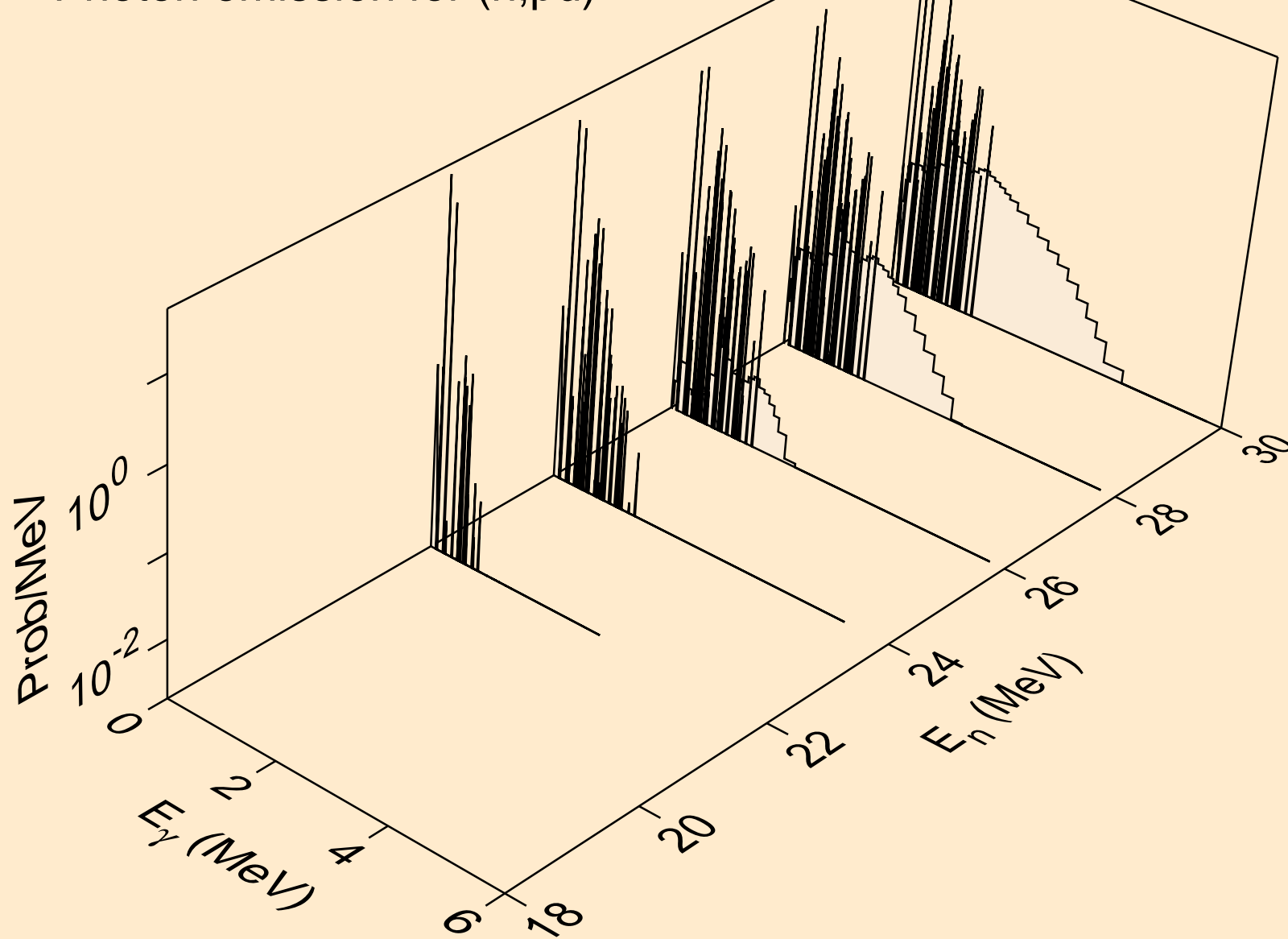


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Photon emission for (n,pa)

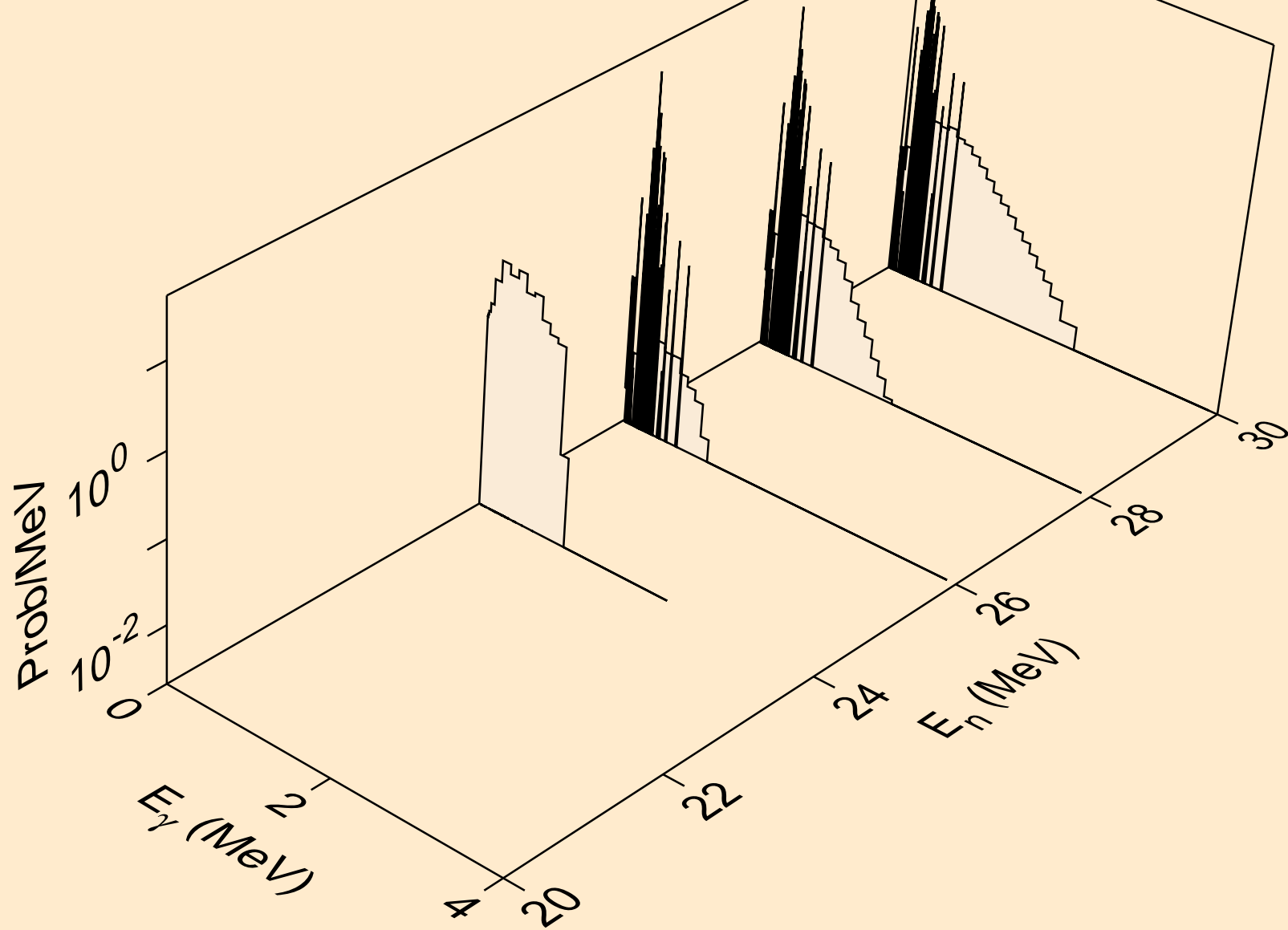




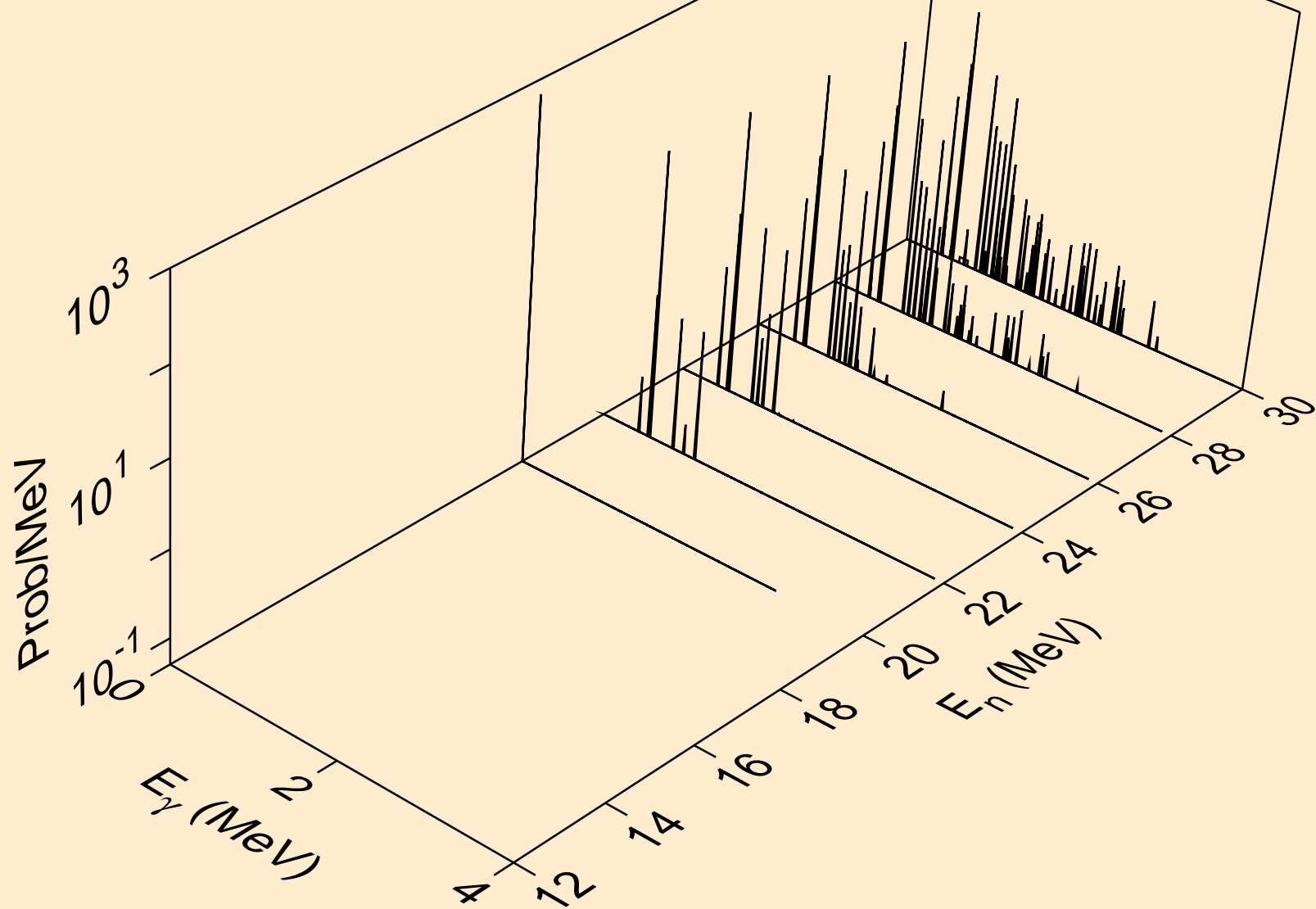
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Photon emission for (n,pd)



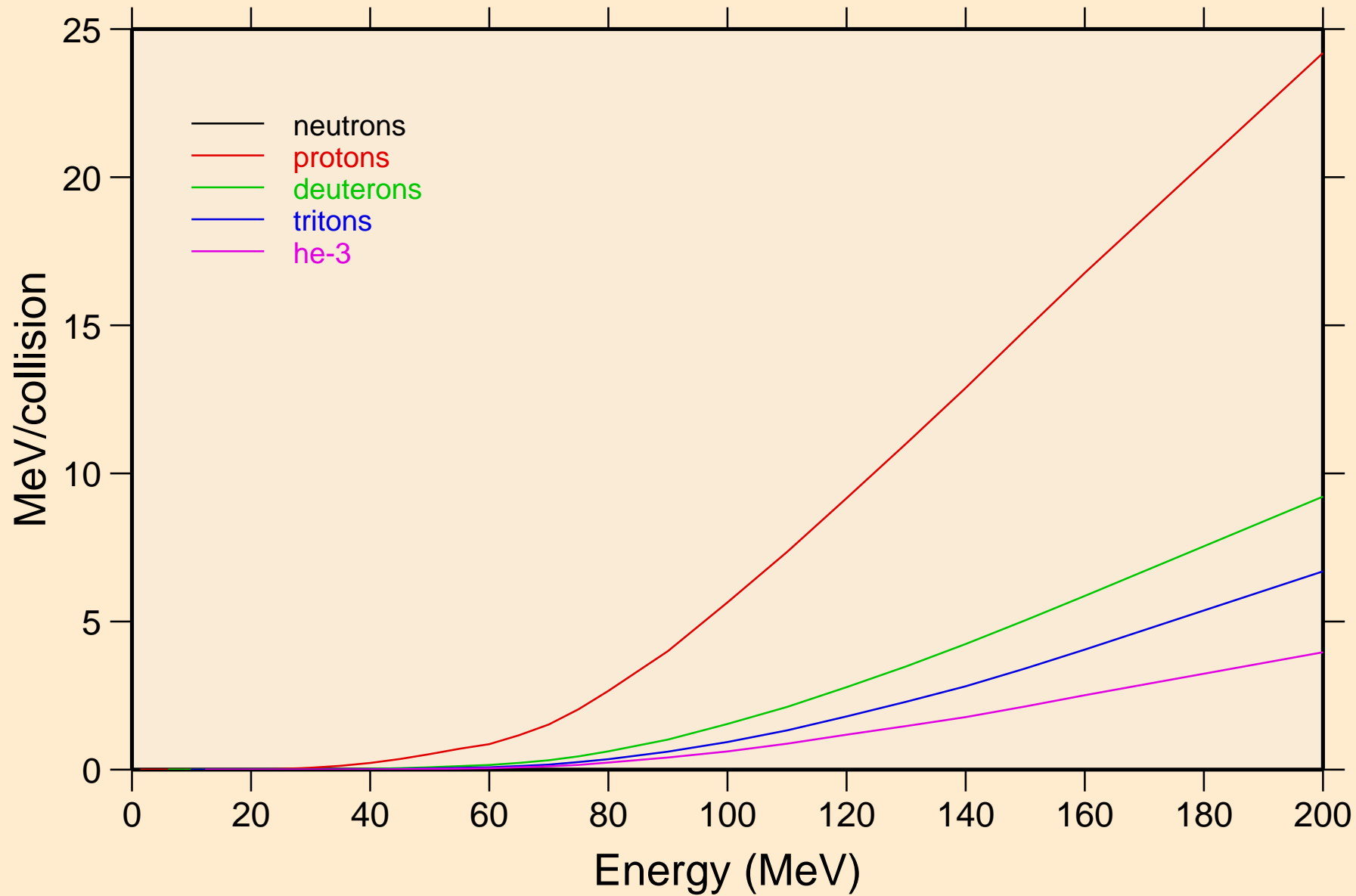
AS078 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



AS078 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)

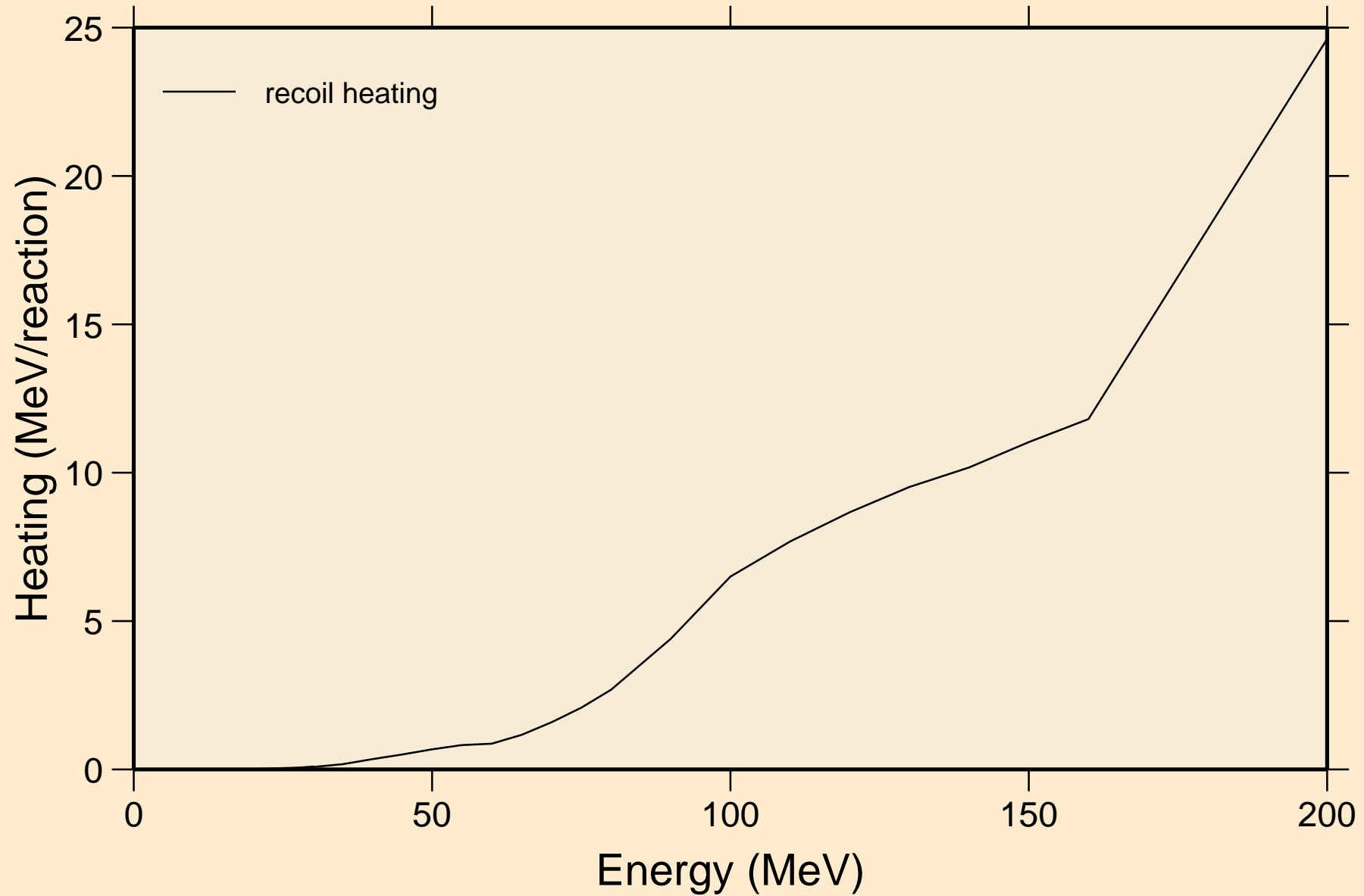


AS078 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions

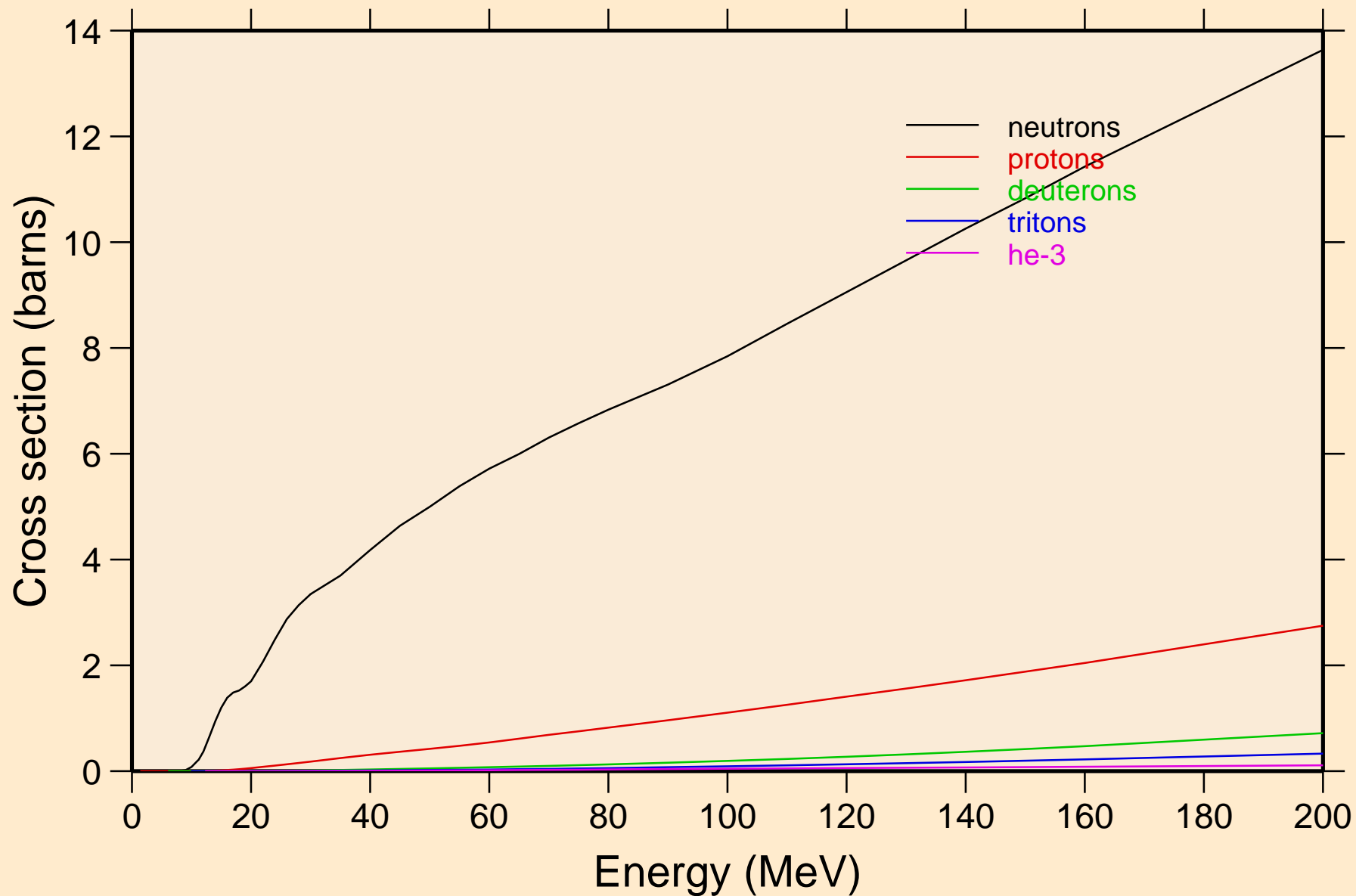


AS078 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

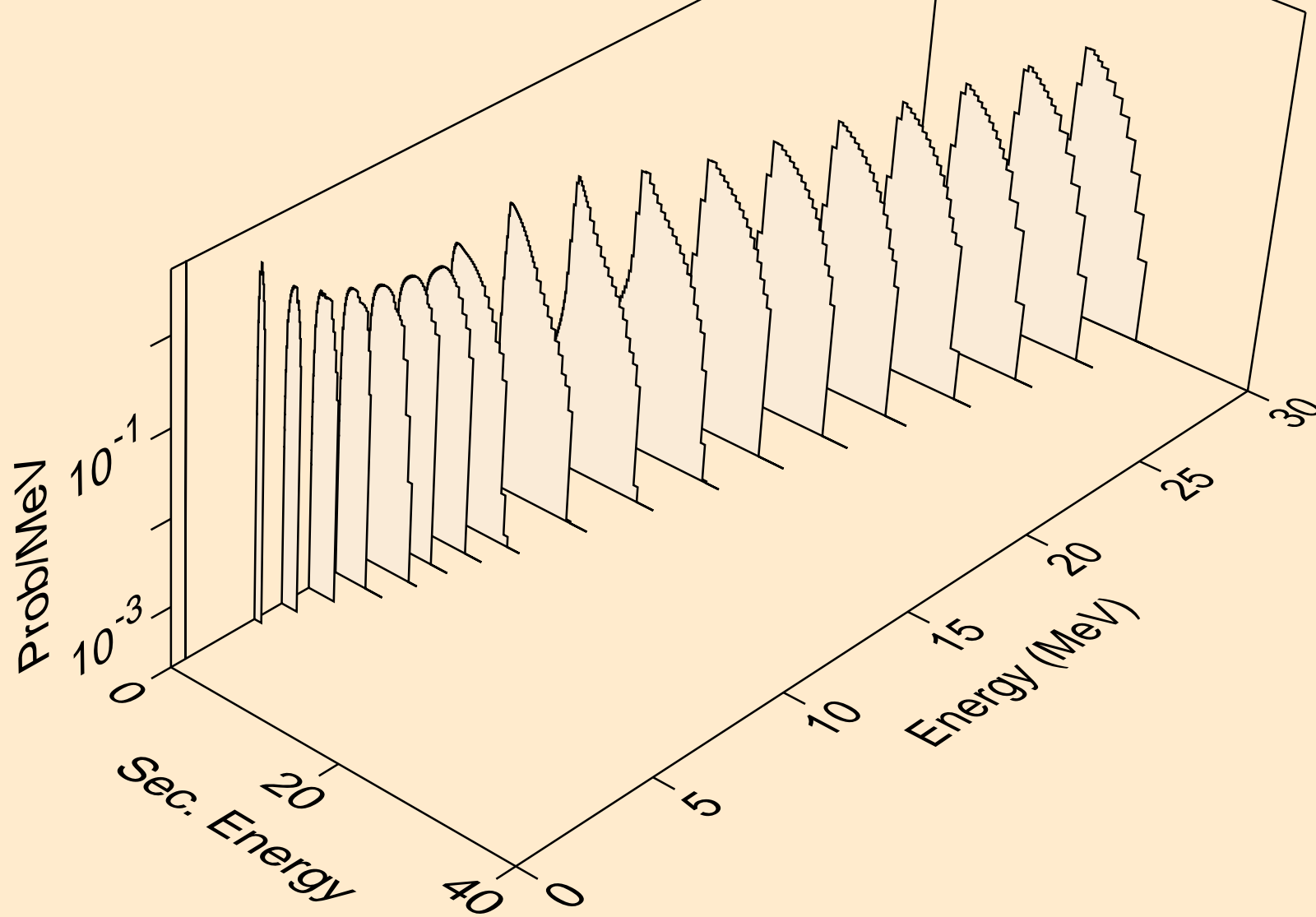
Recoil Heating



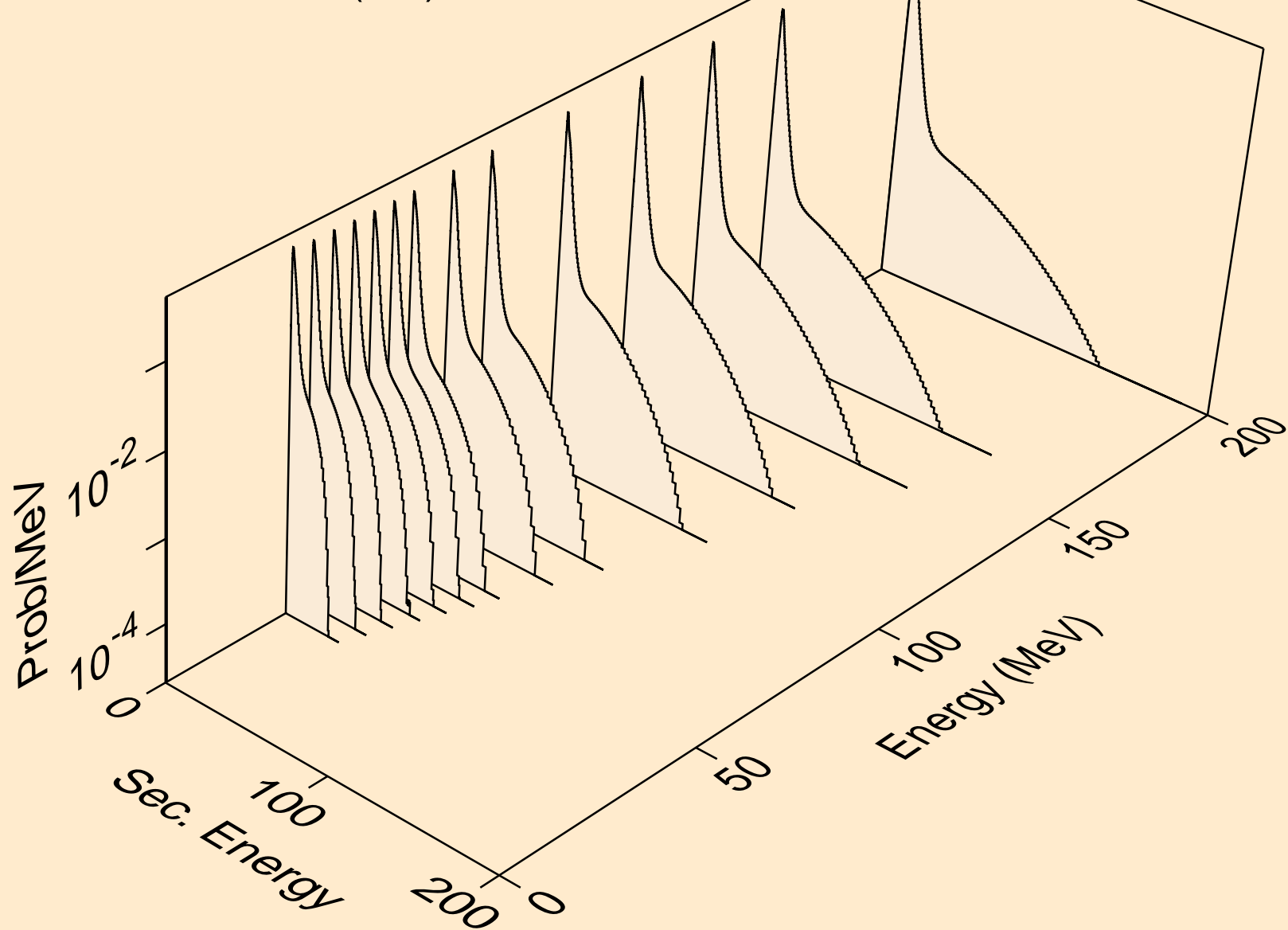
AS078 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



AS078 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)

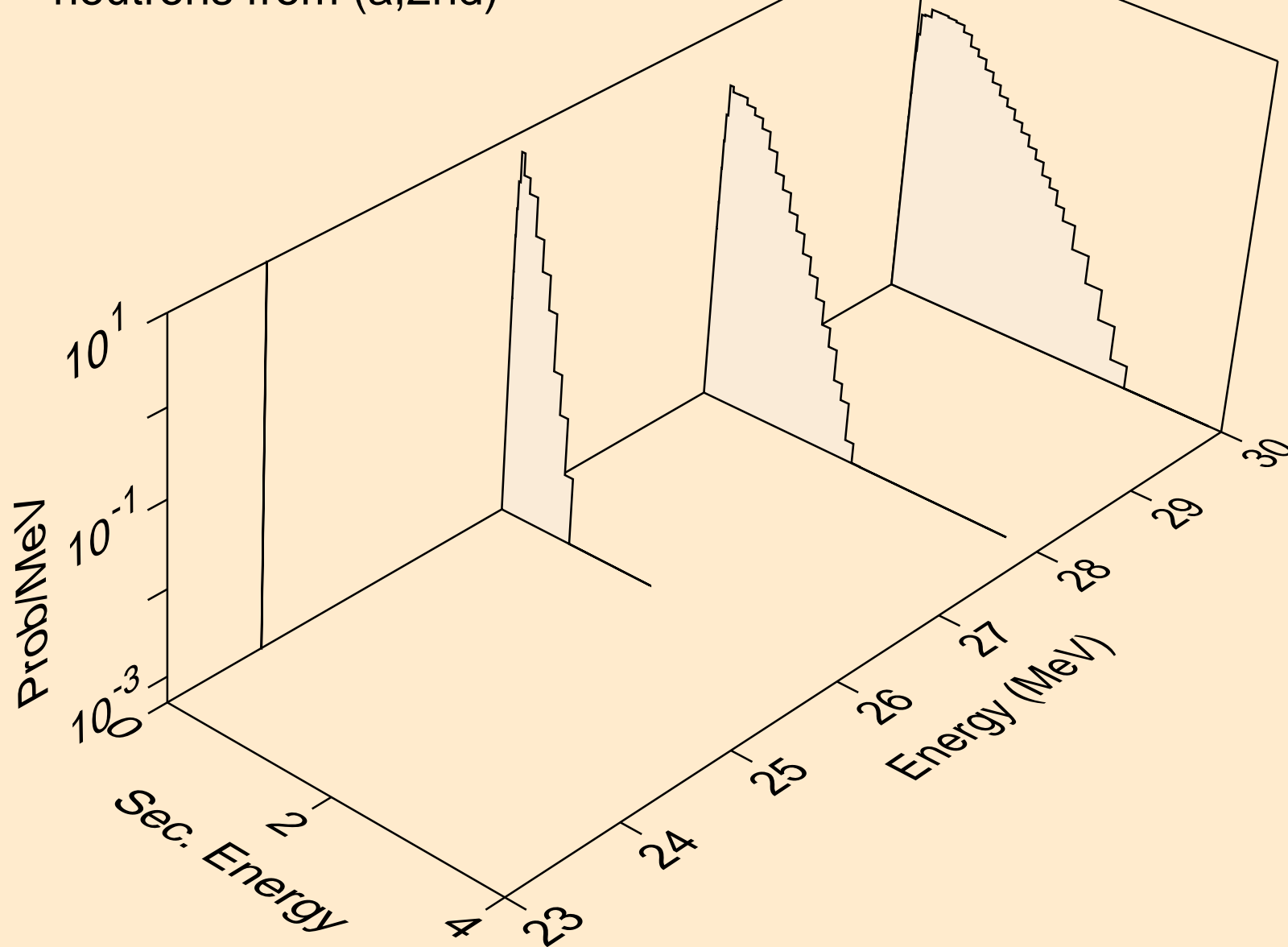


AS078 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)

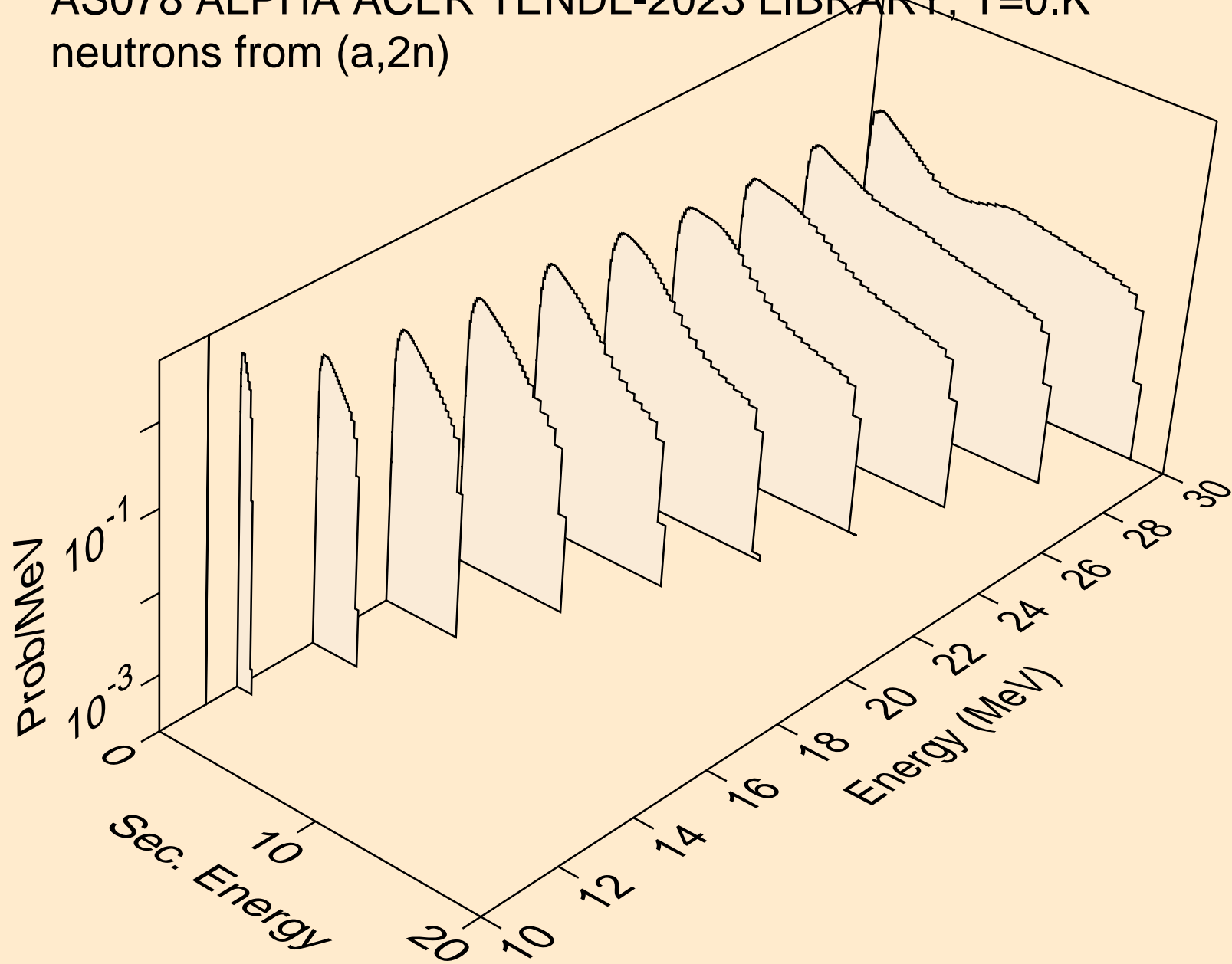




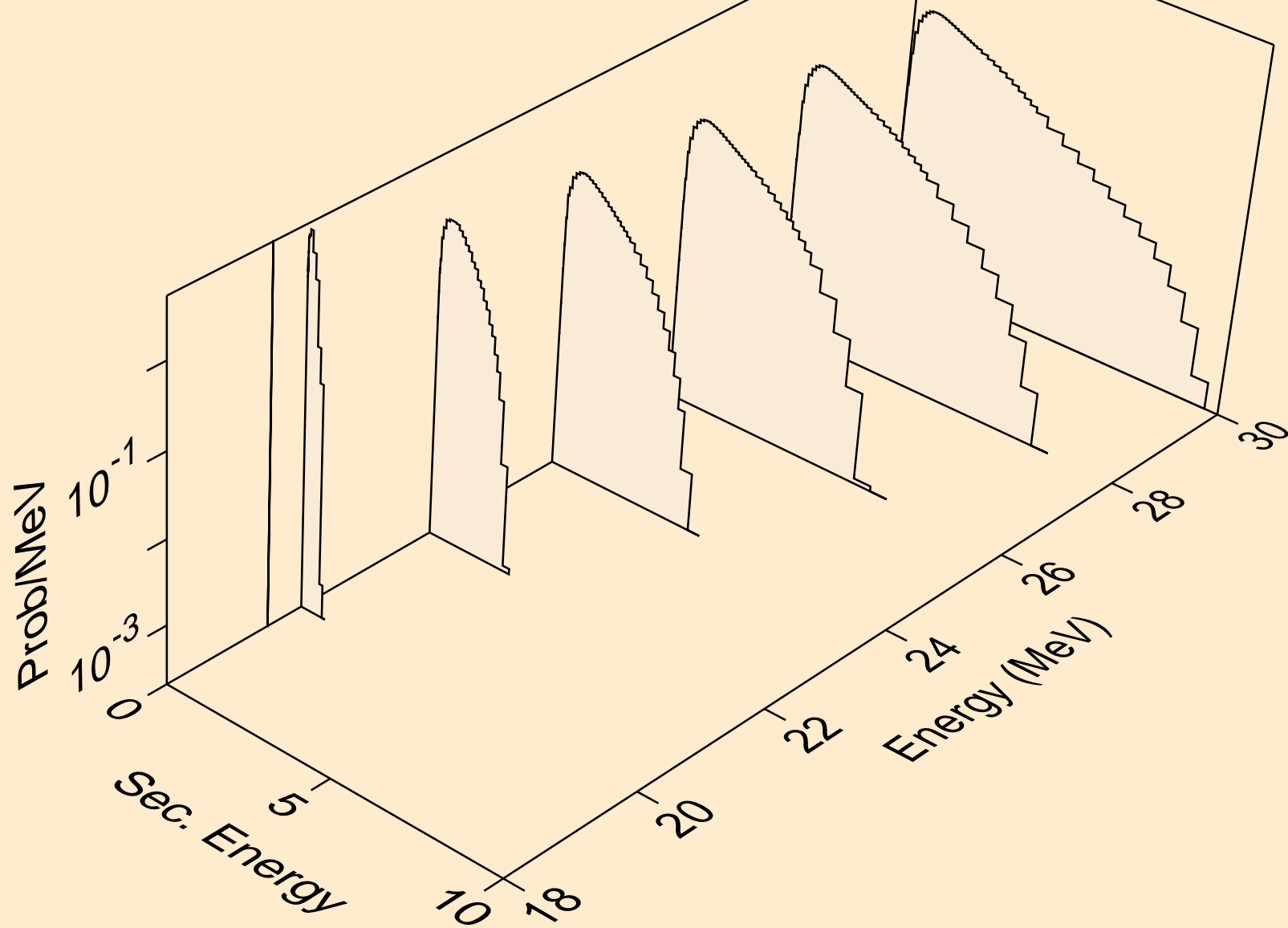
AS078 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2nd)



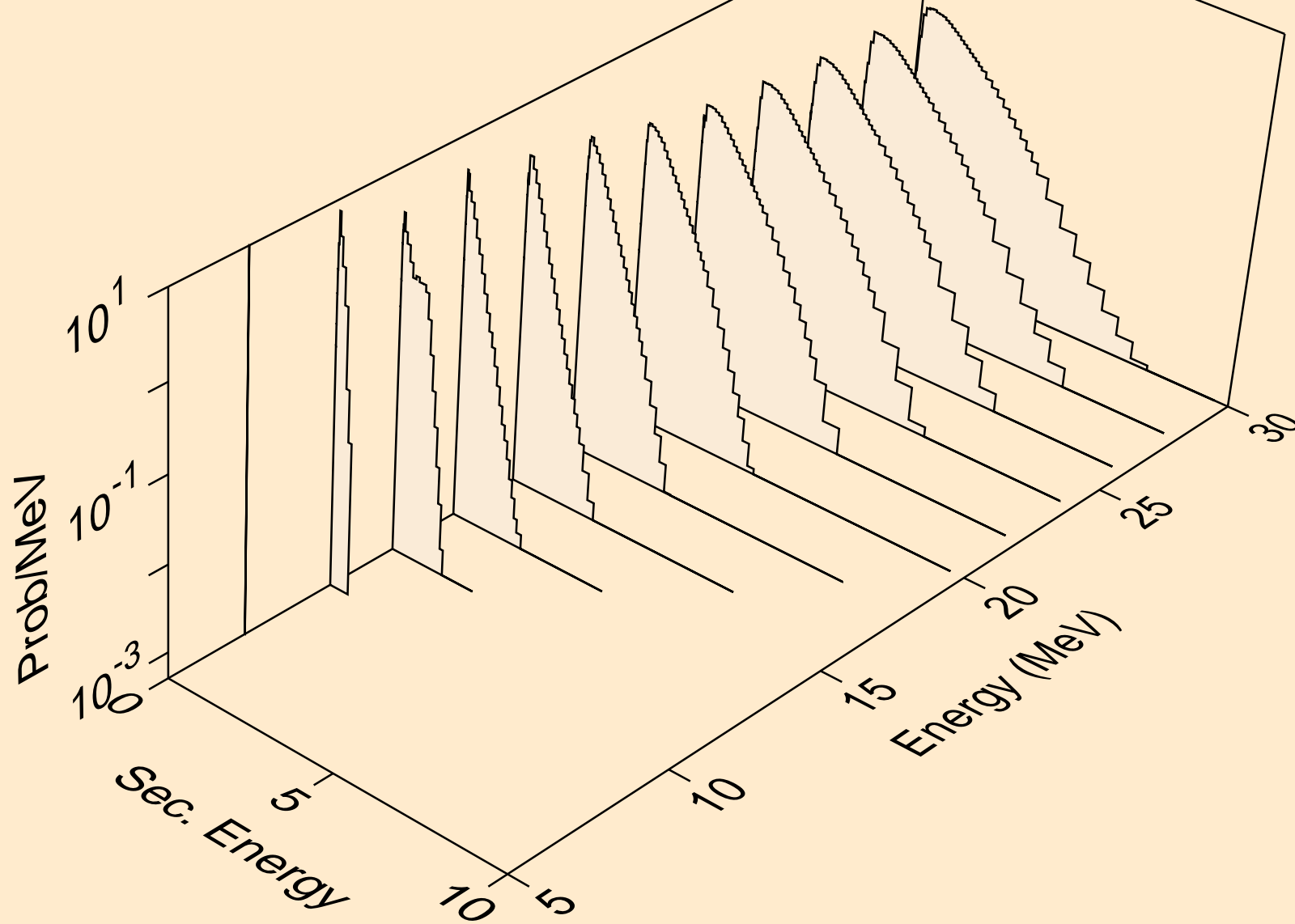
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neutrons from (a,2n)



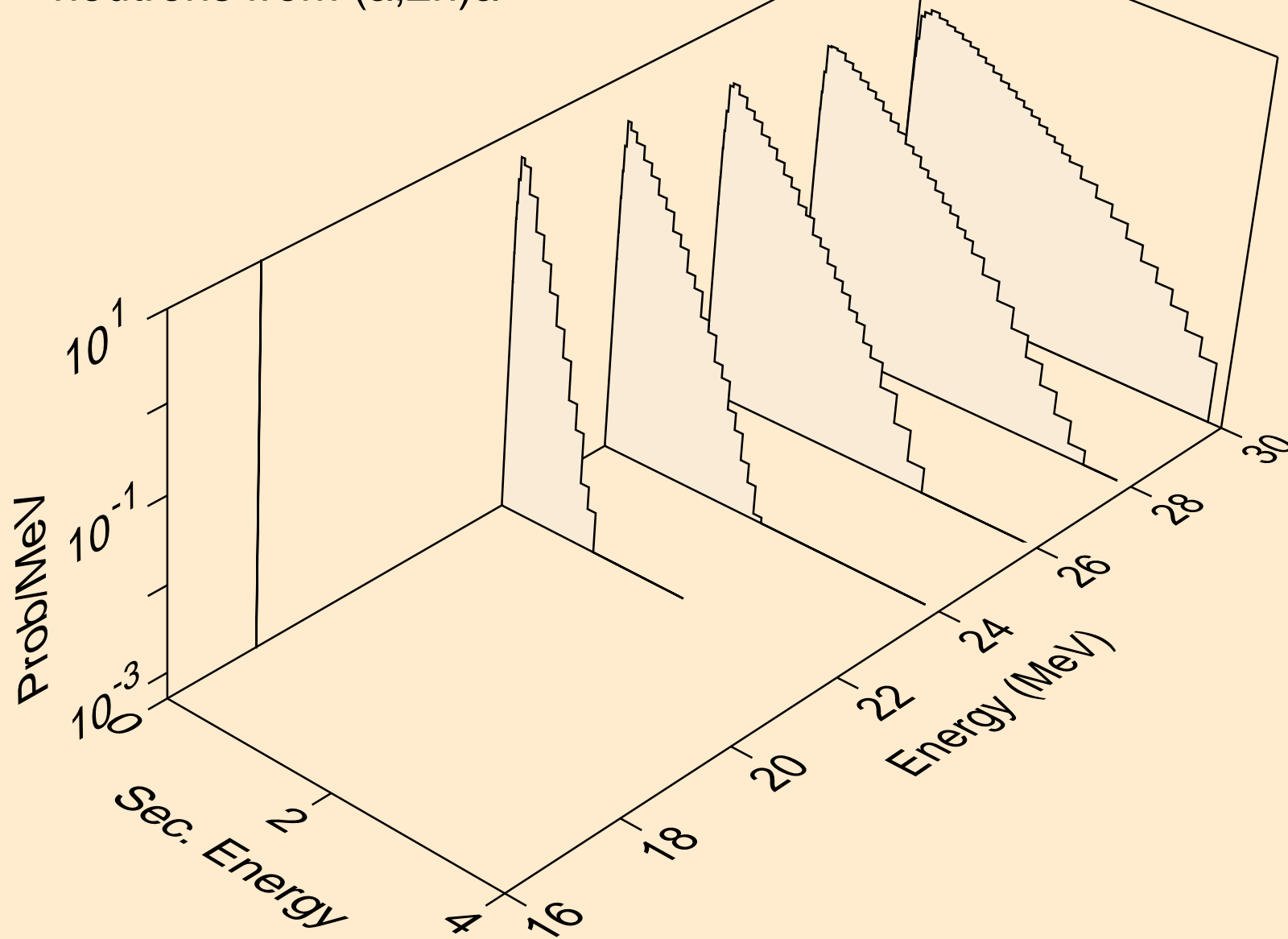
AS078 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3n)



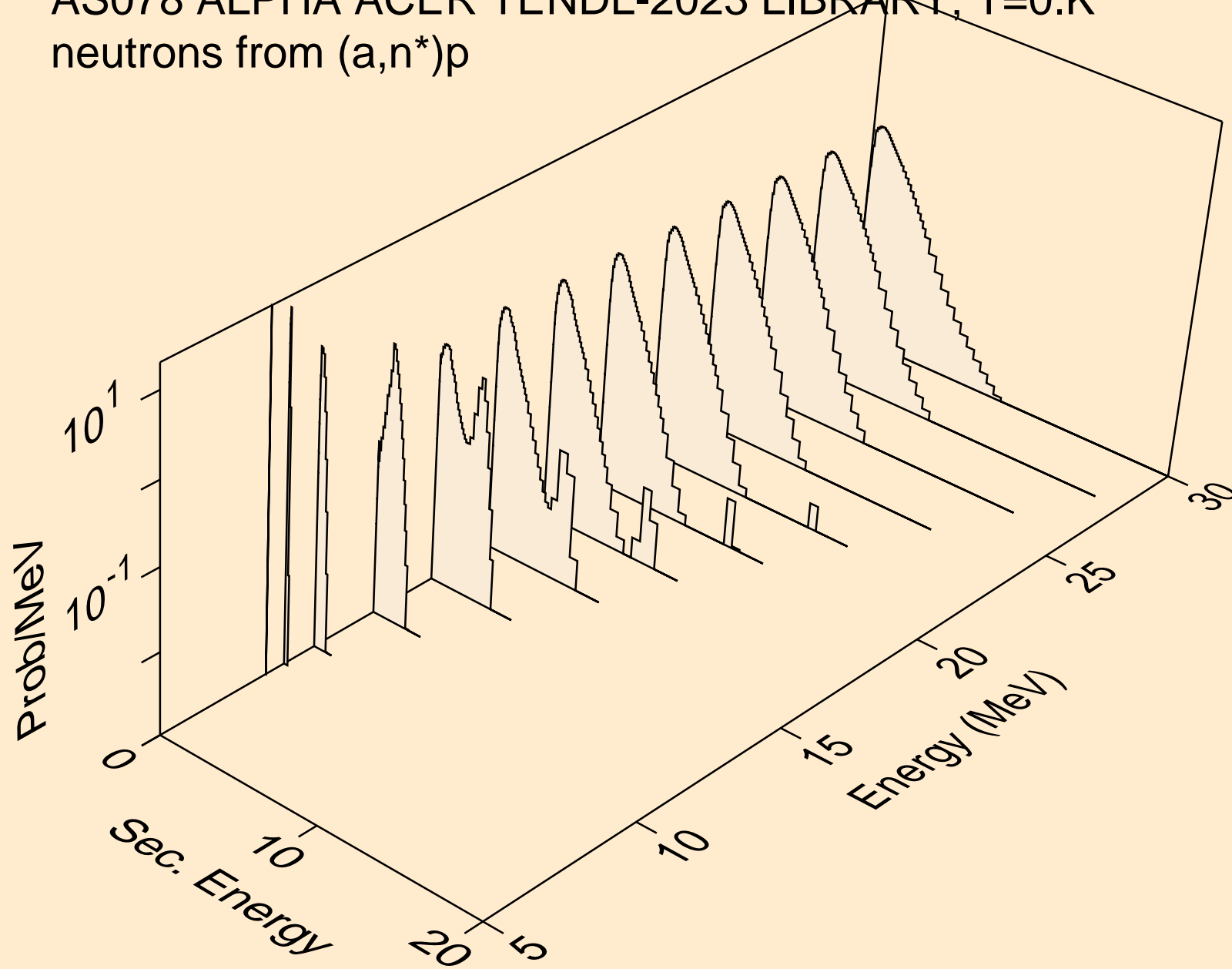
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neutrons from (a,n\*)a



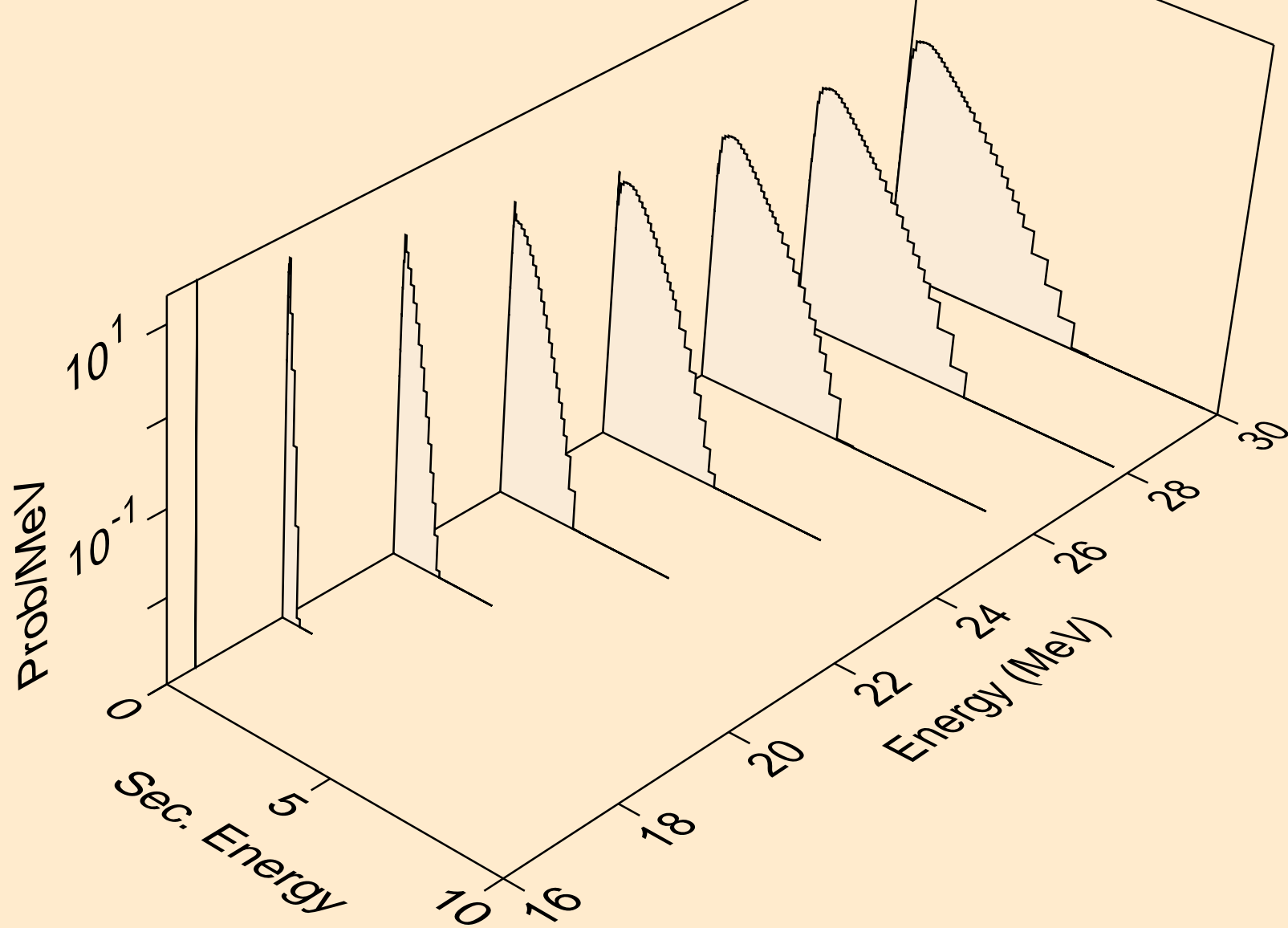
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neutrons from (a,2n)a



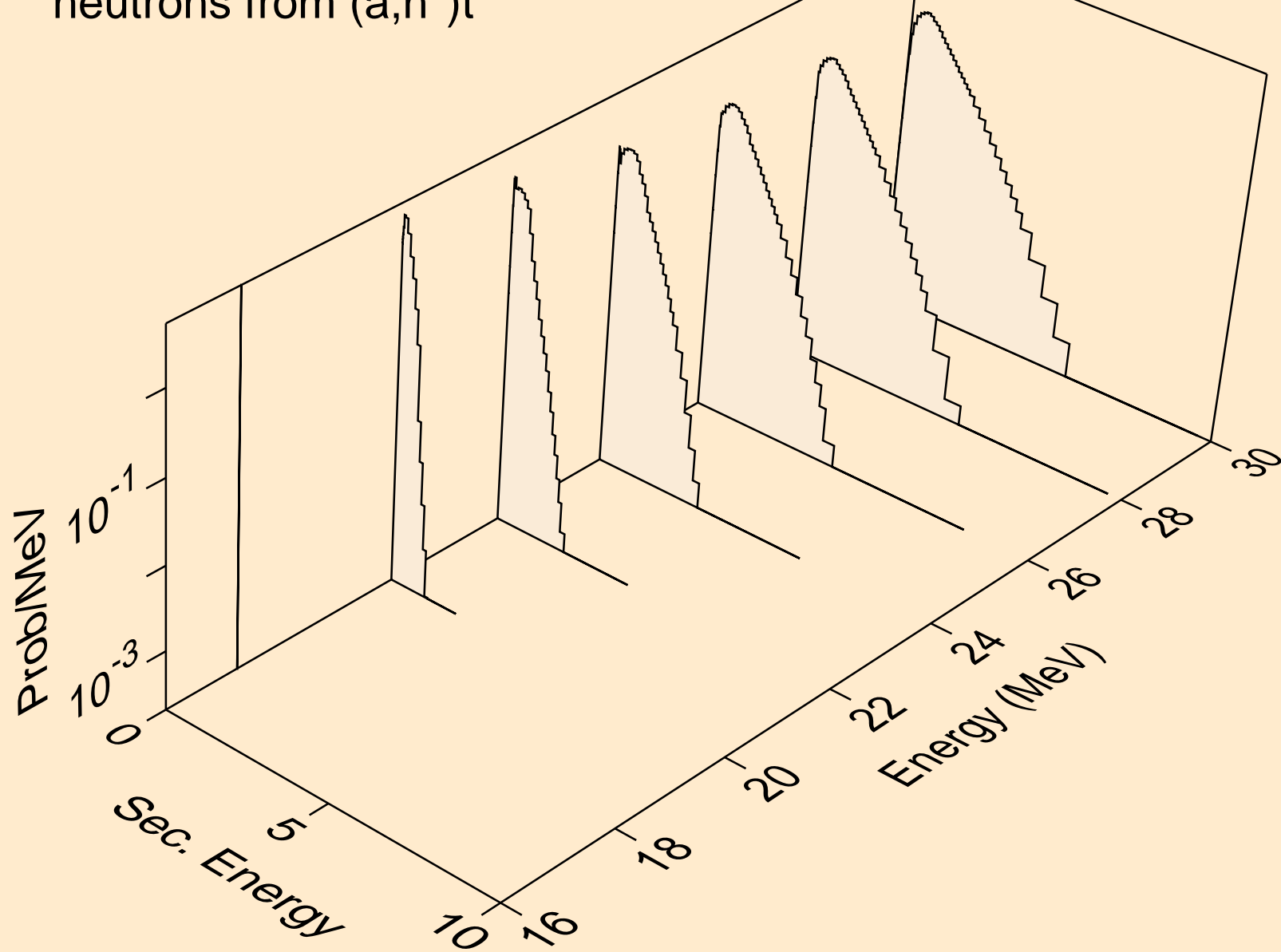
AS078 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)p



AS078 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)d

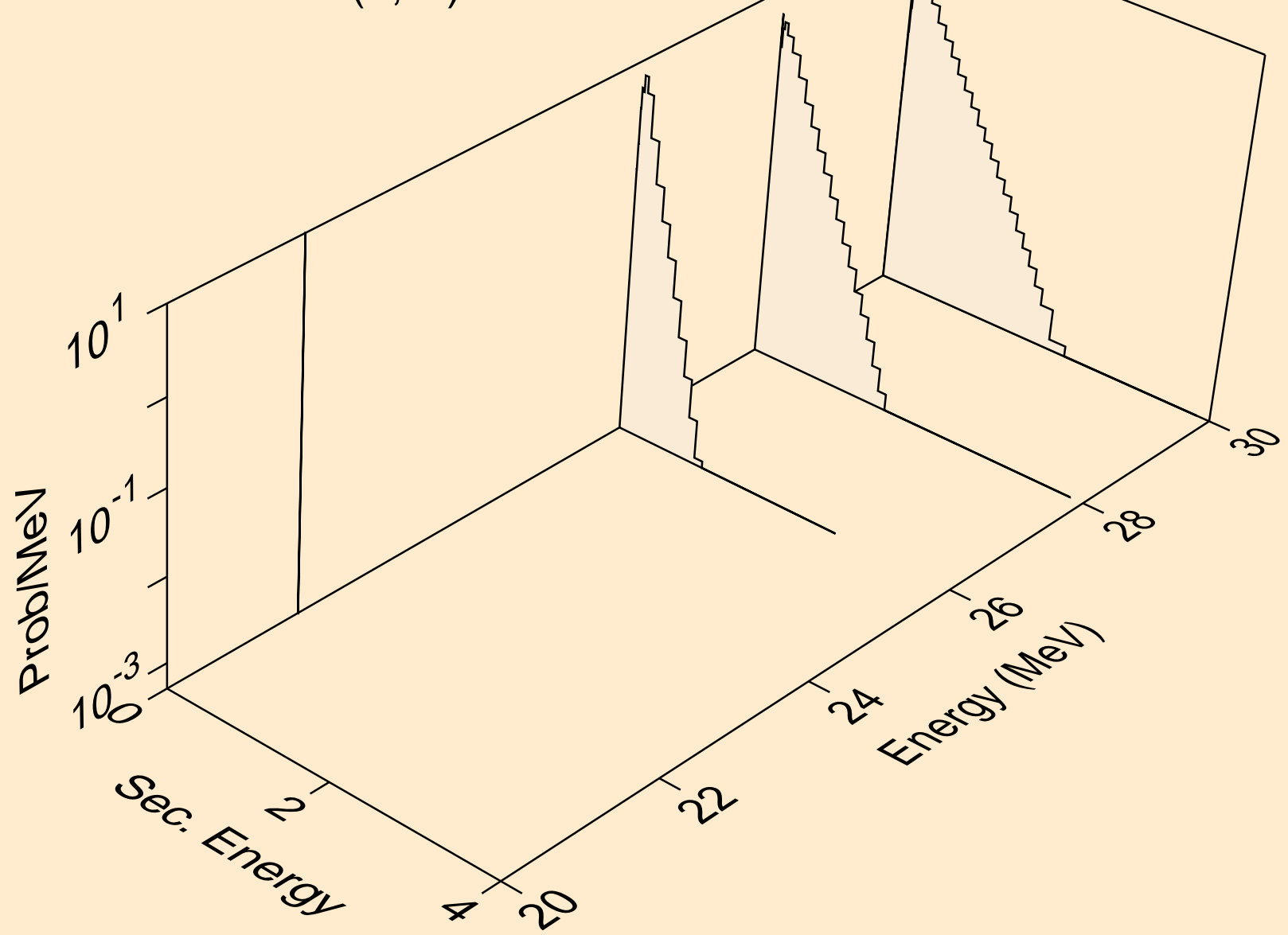


AS078 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)t

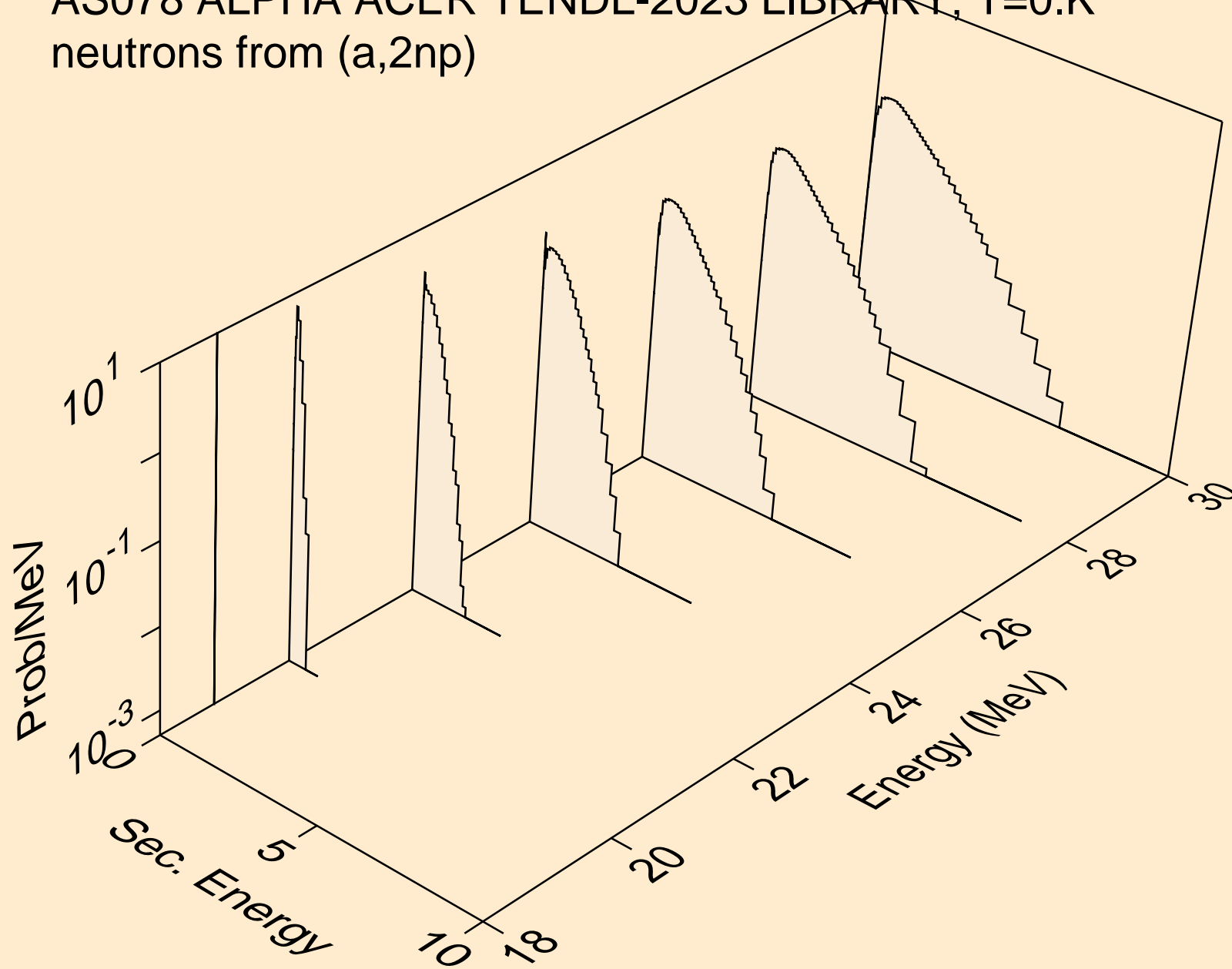




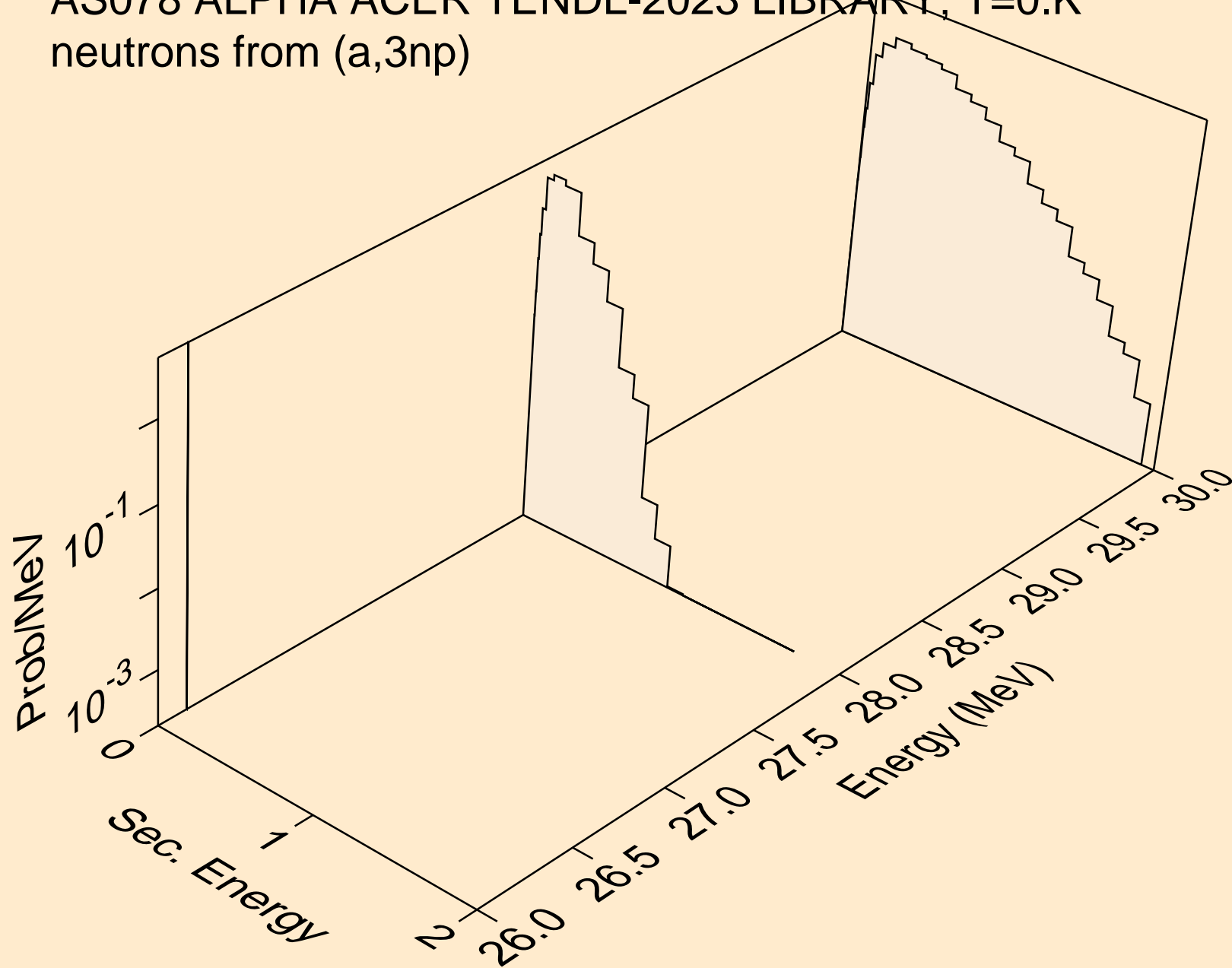
AS078 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)he3



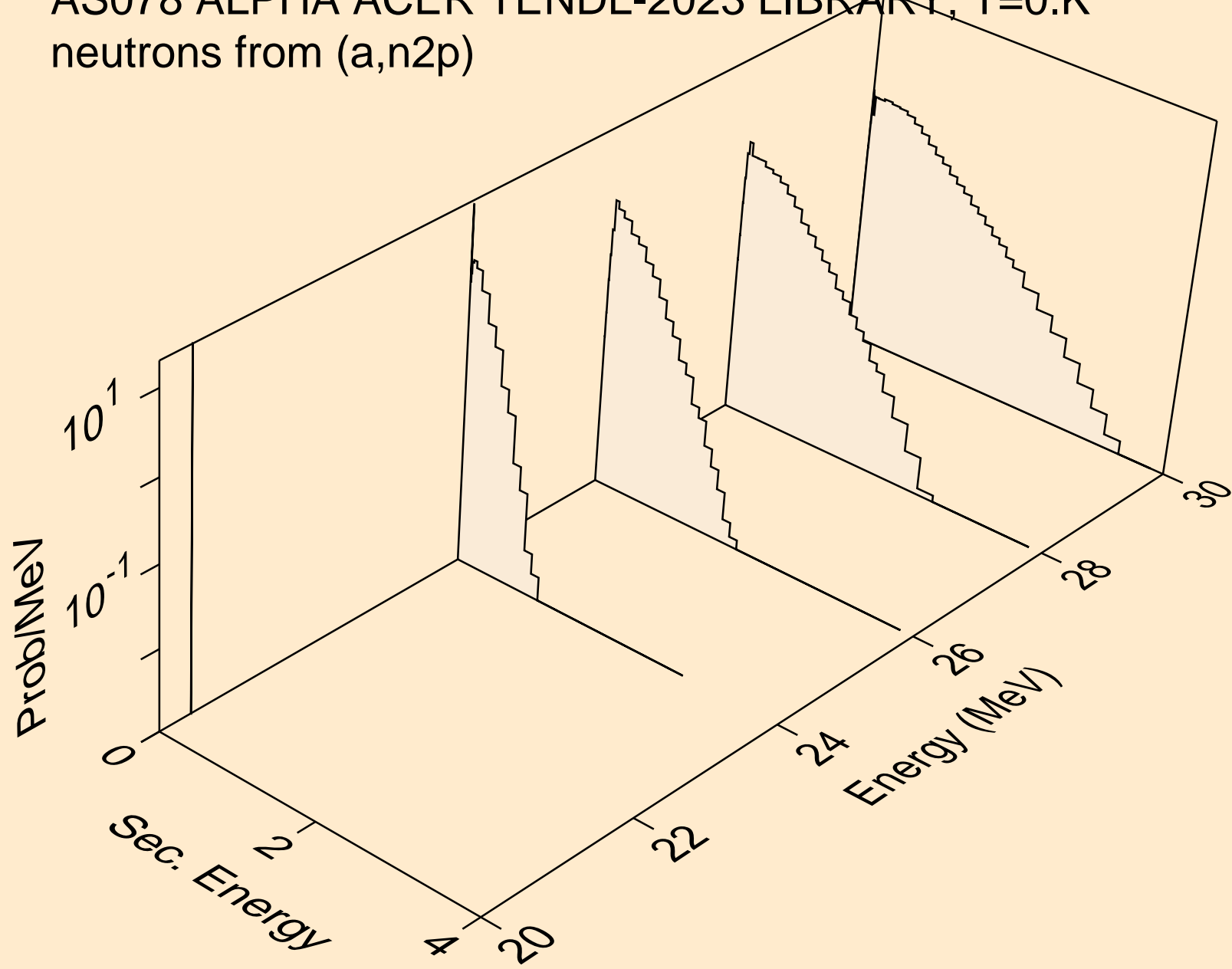
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neutrons from (a,2np)



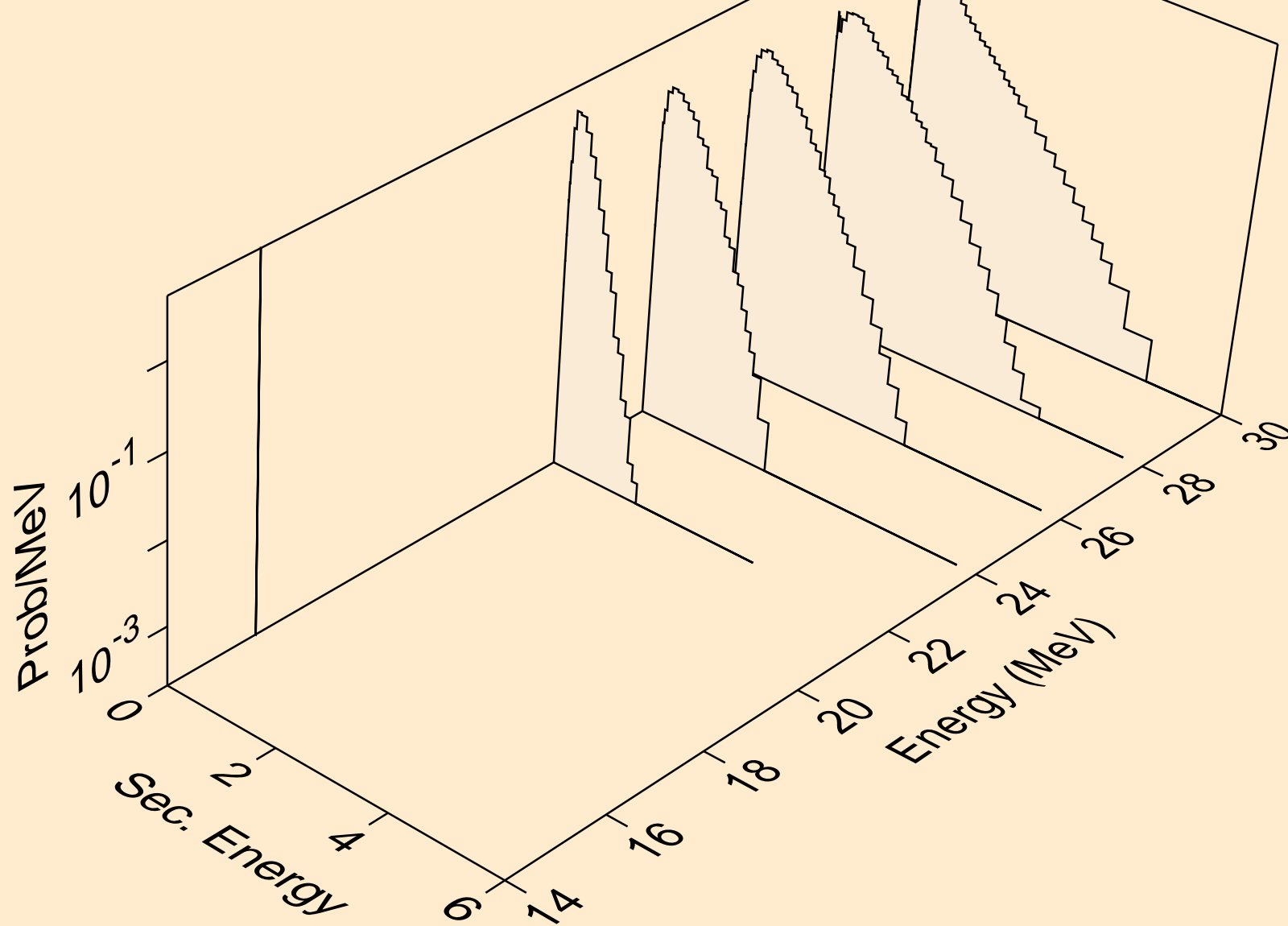
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neutrons from (a,3np)



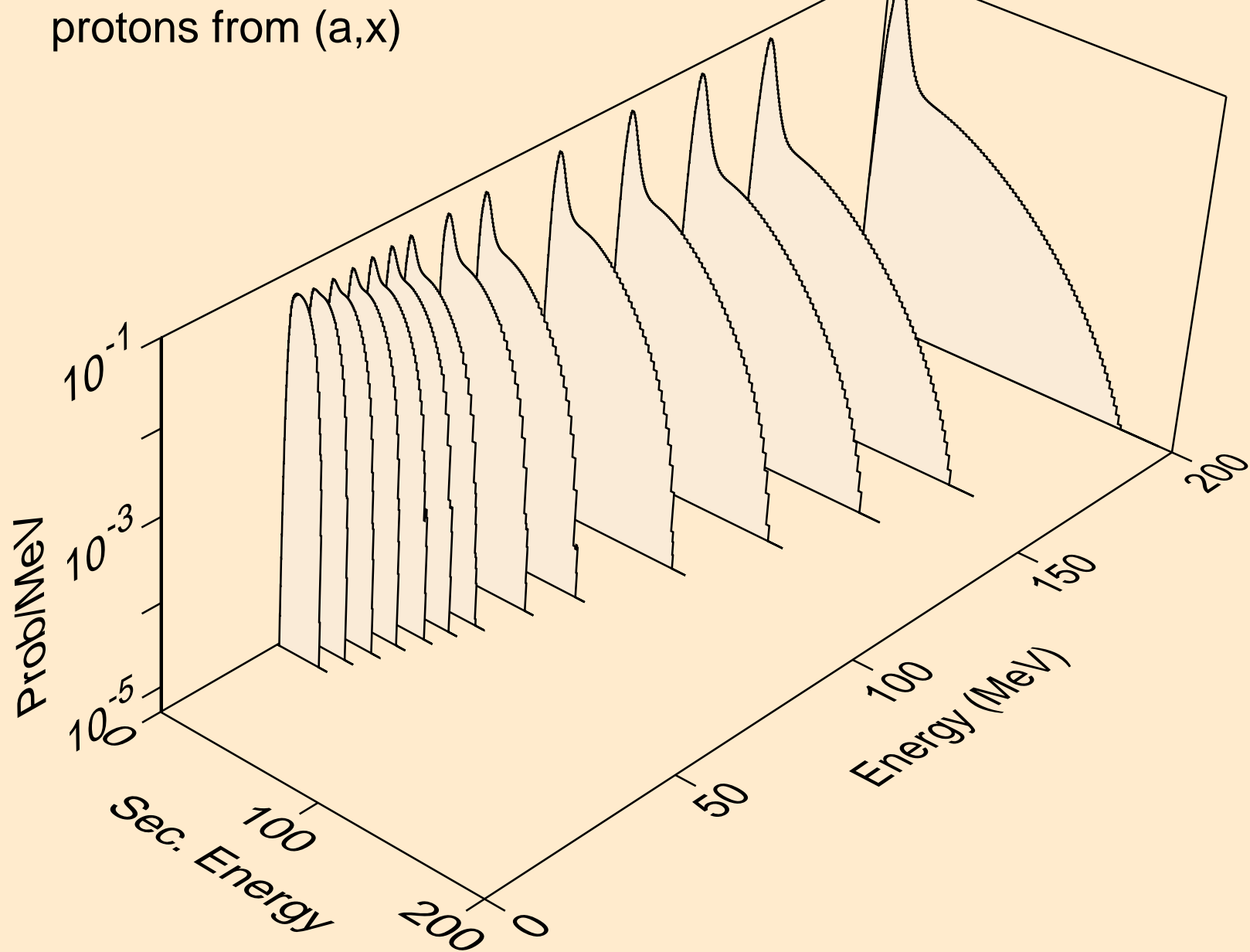
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neutrons from (a,n2p)



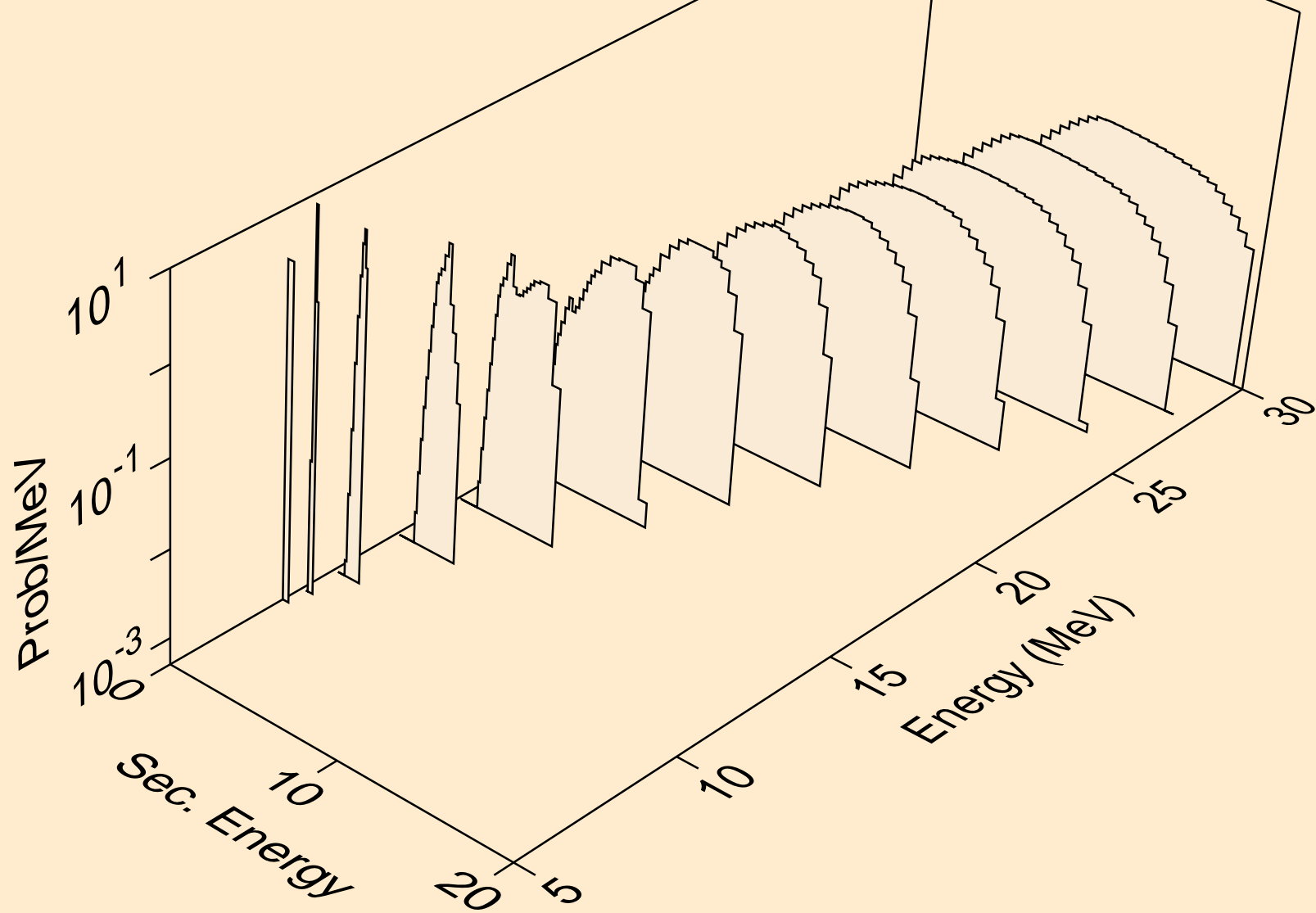
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neutrons from (a,npa)



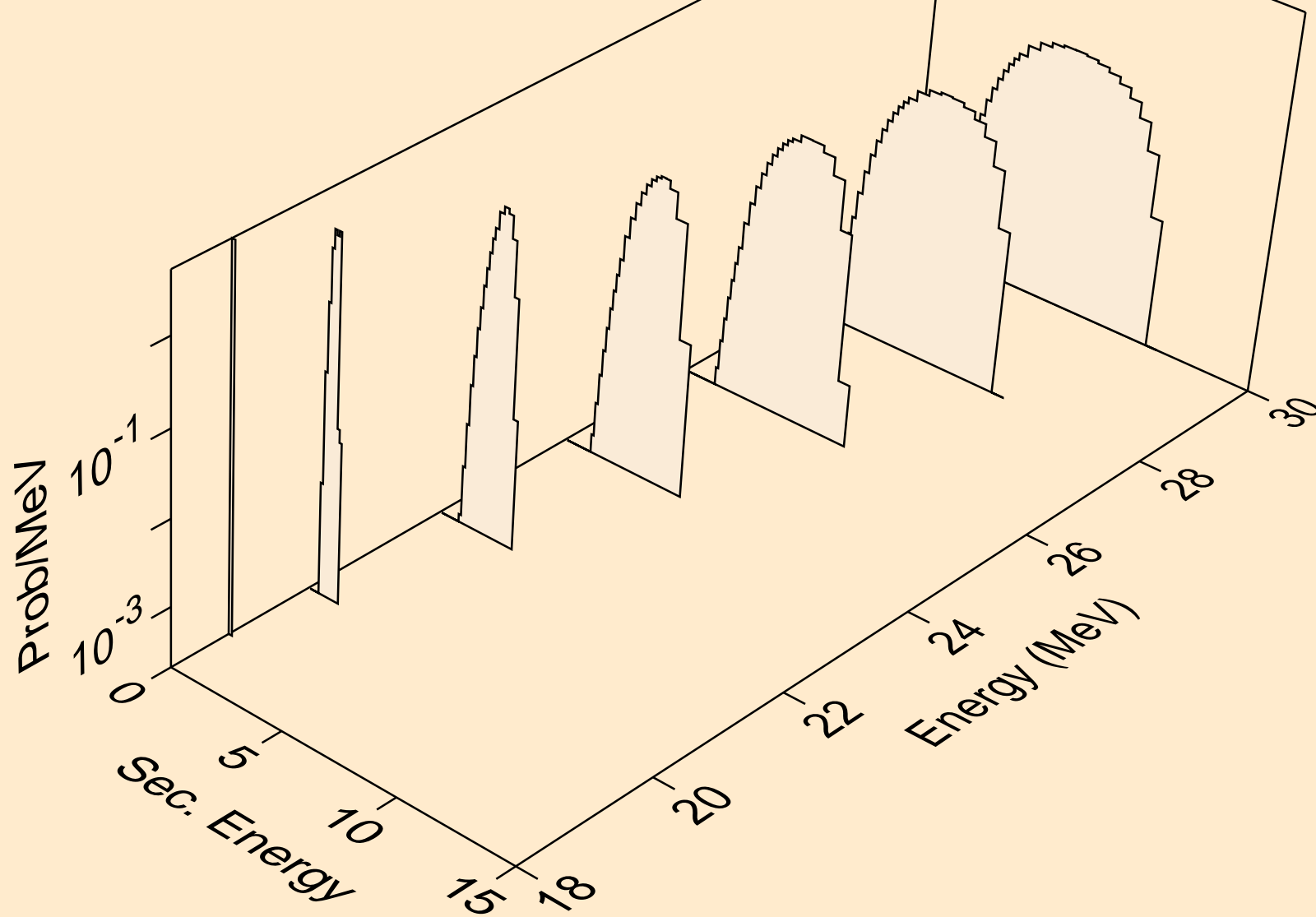
AS078 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,x)



AS078 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n\*)p

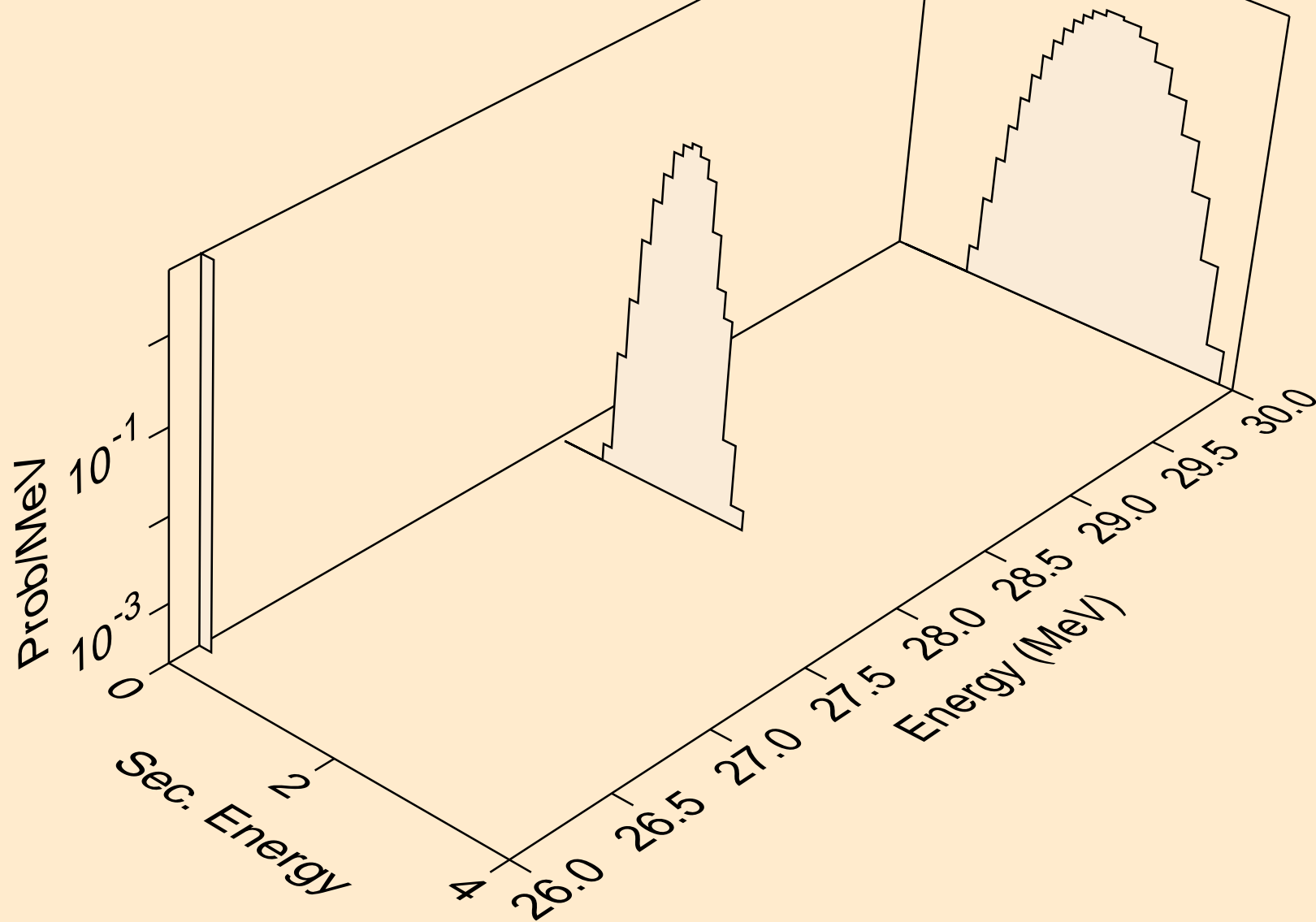


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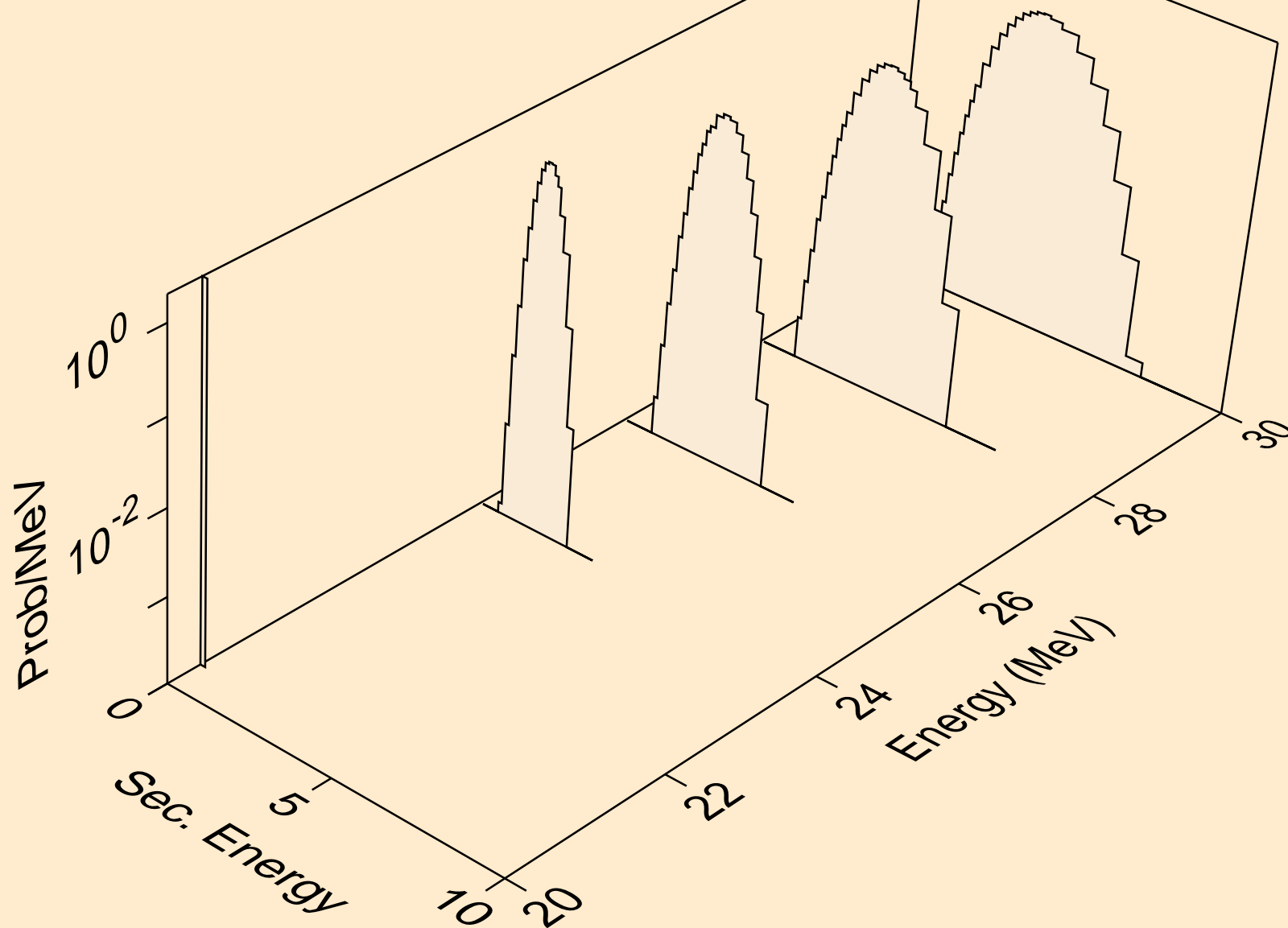




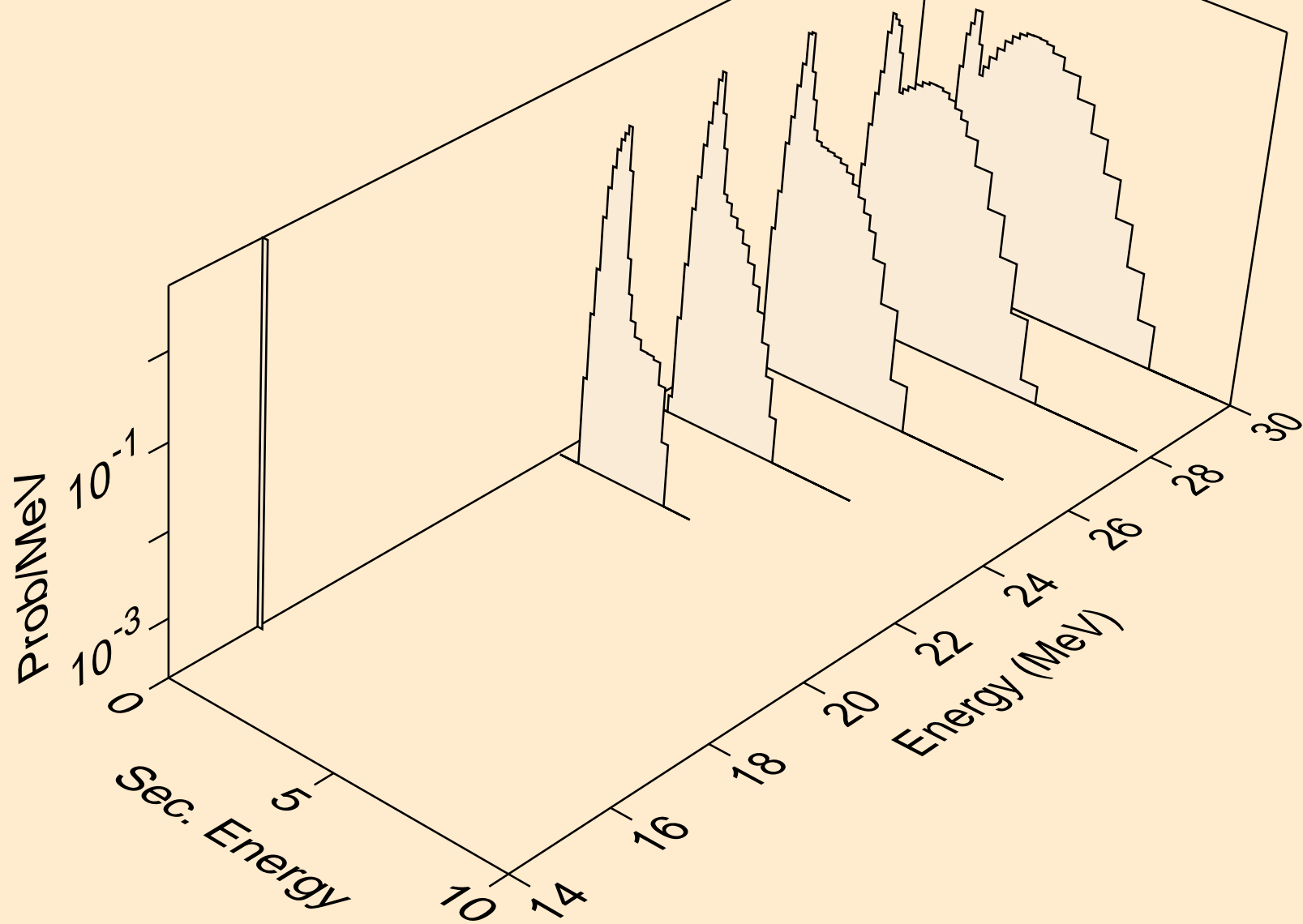
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protons from (a,3np)



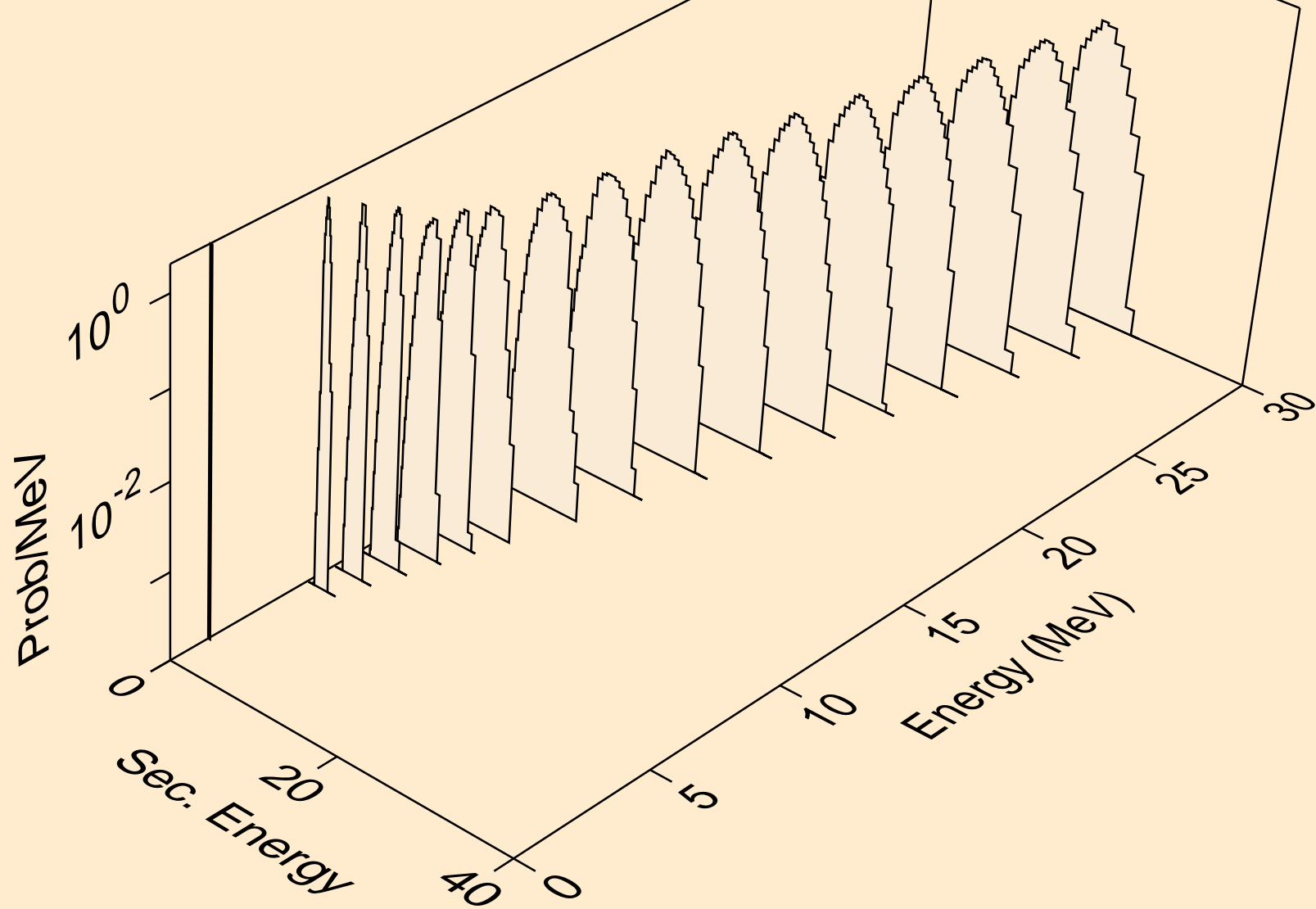
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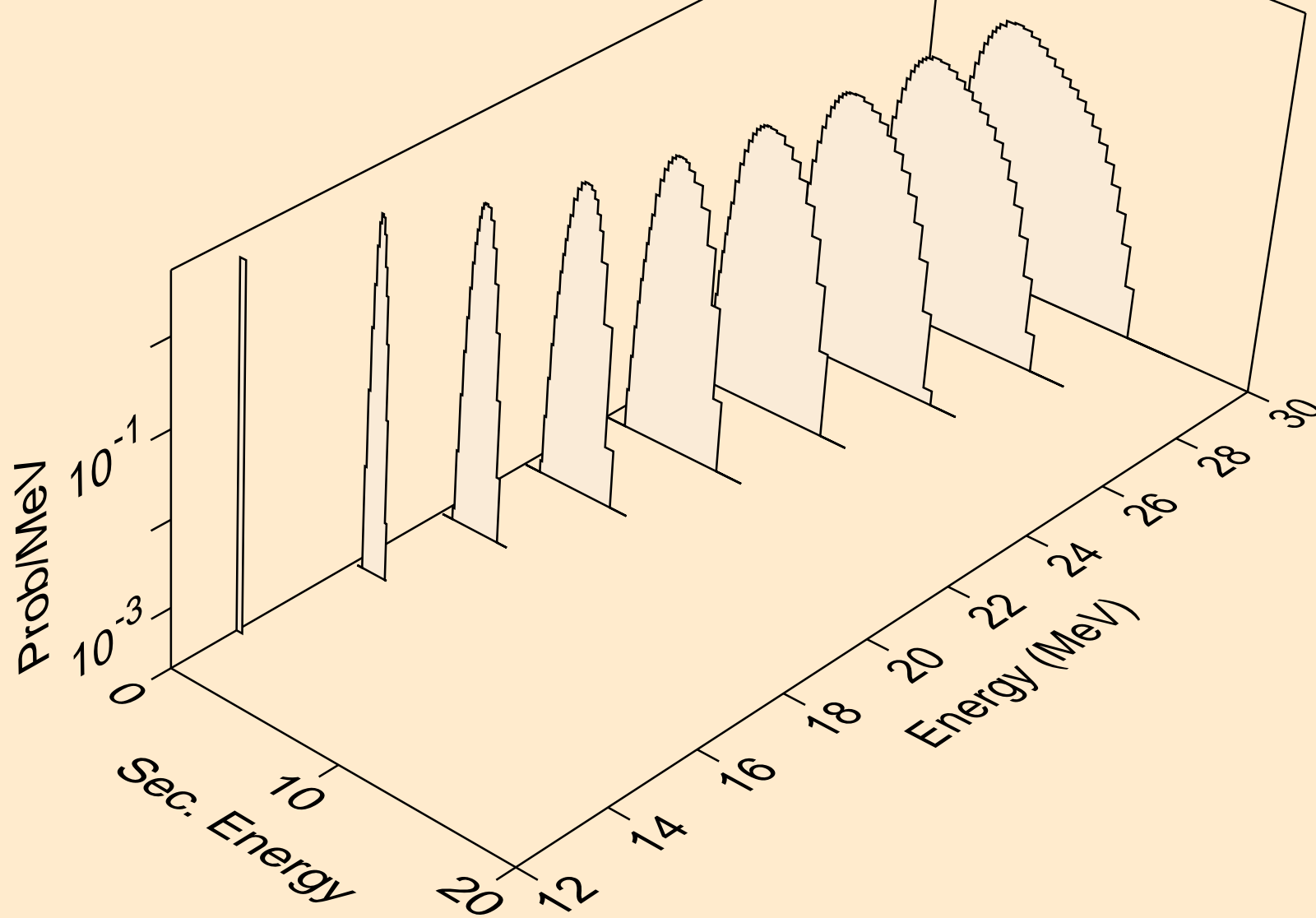
AS078 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,npa)



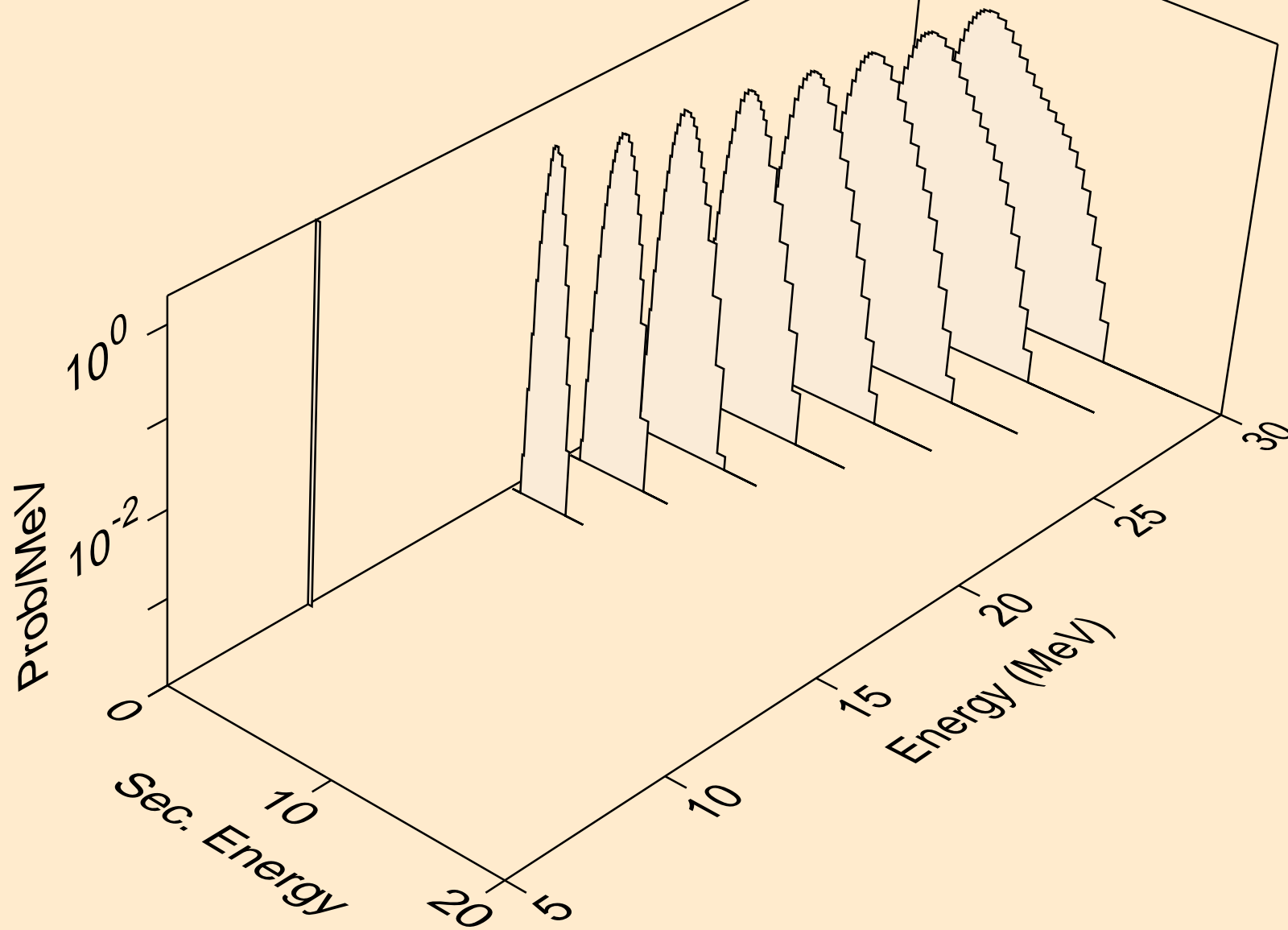
AS078 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,p)



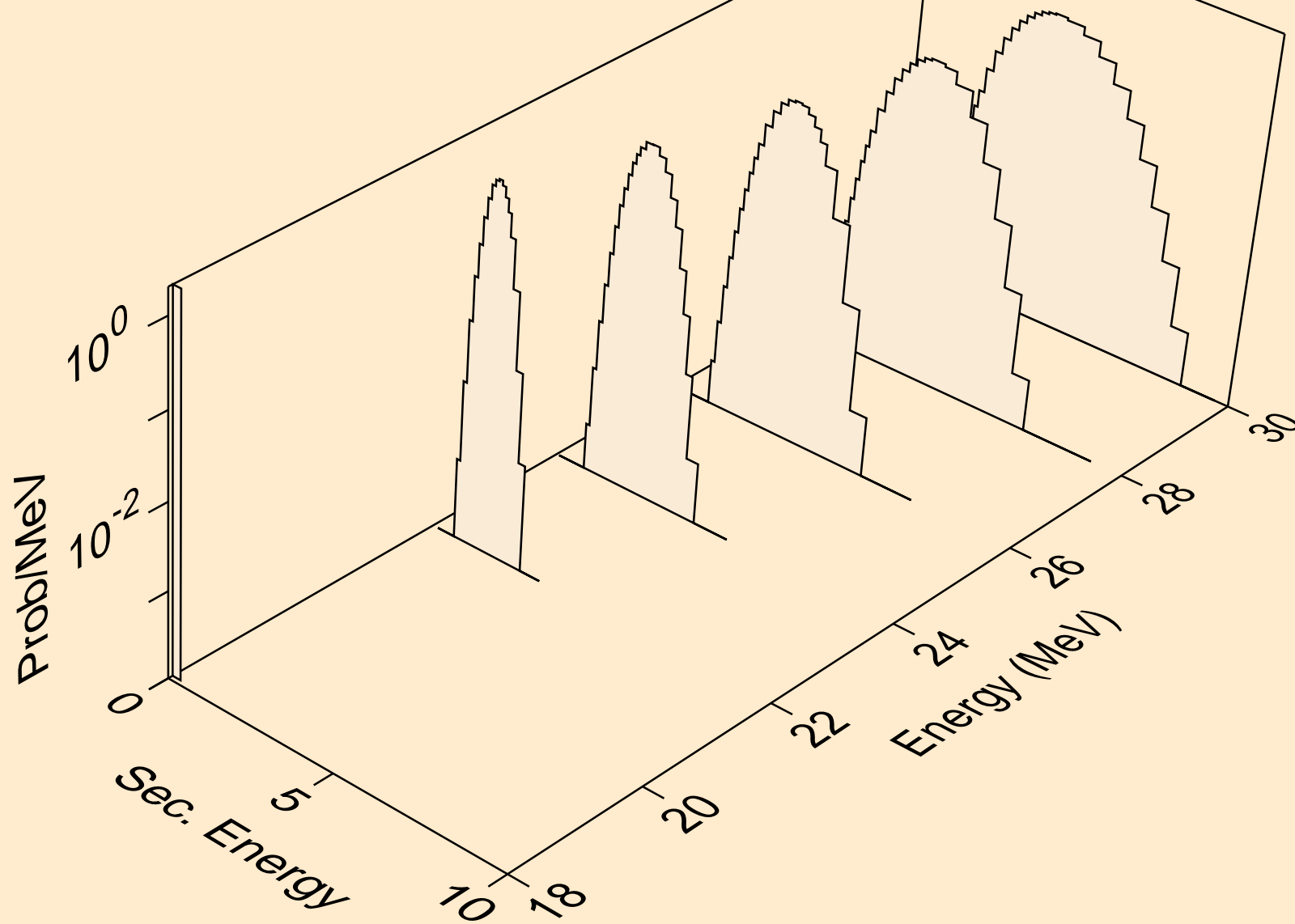
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protons from (a,2p)



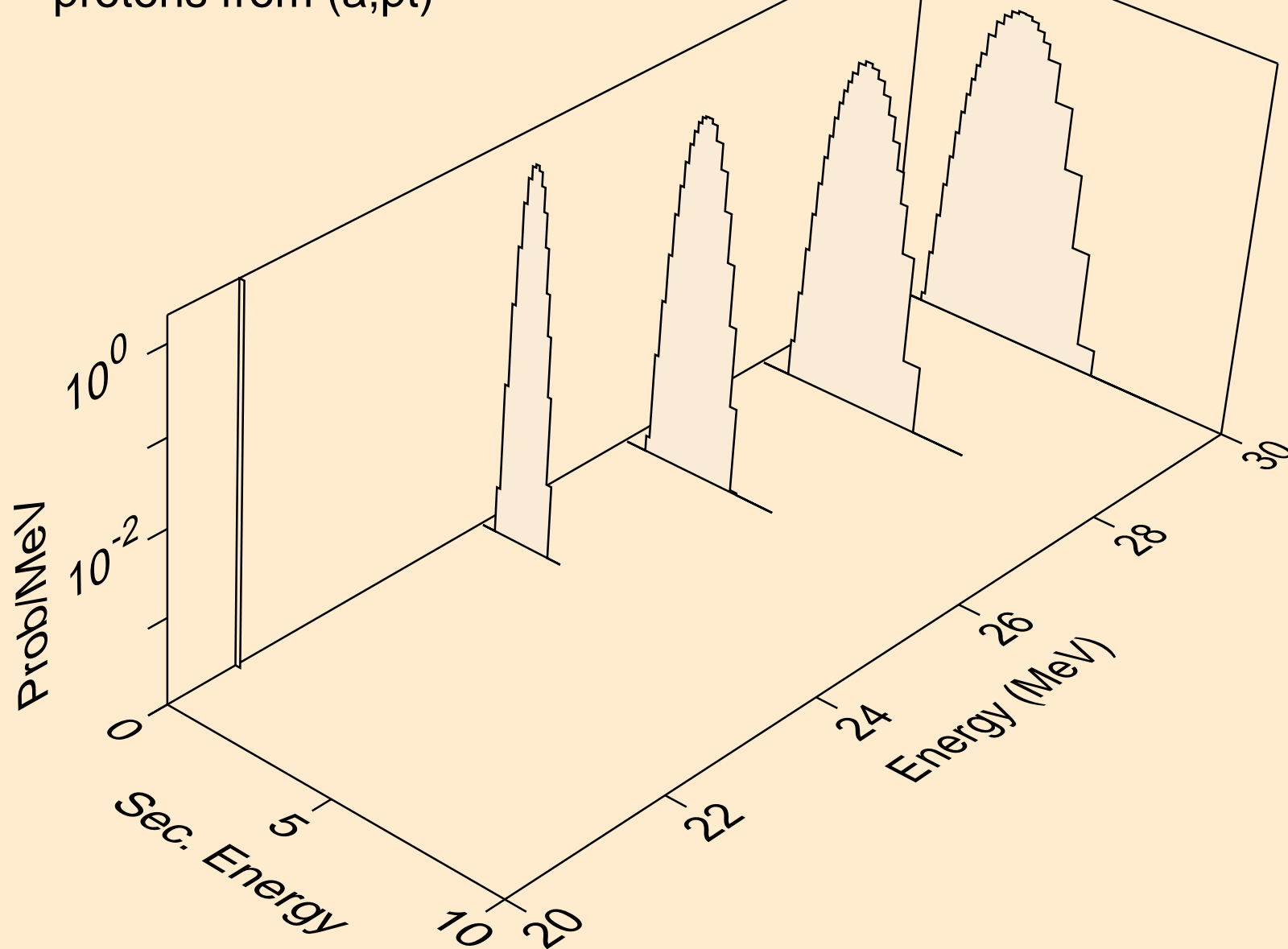
AS078 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pa)



AS078 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pd)

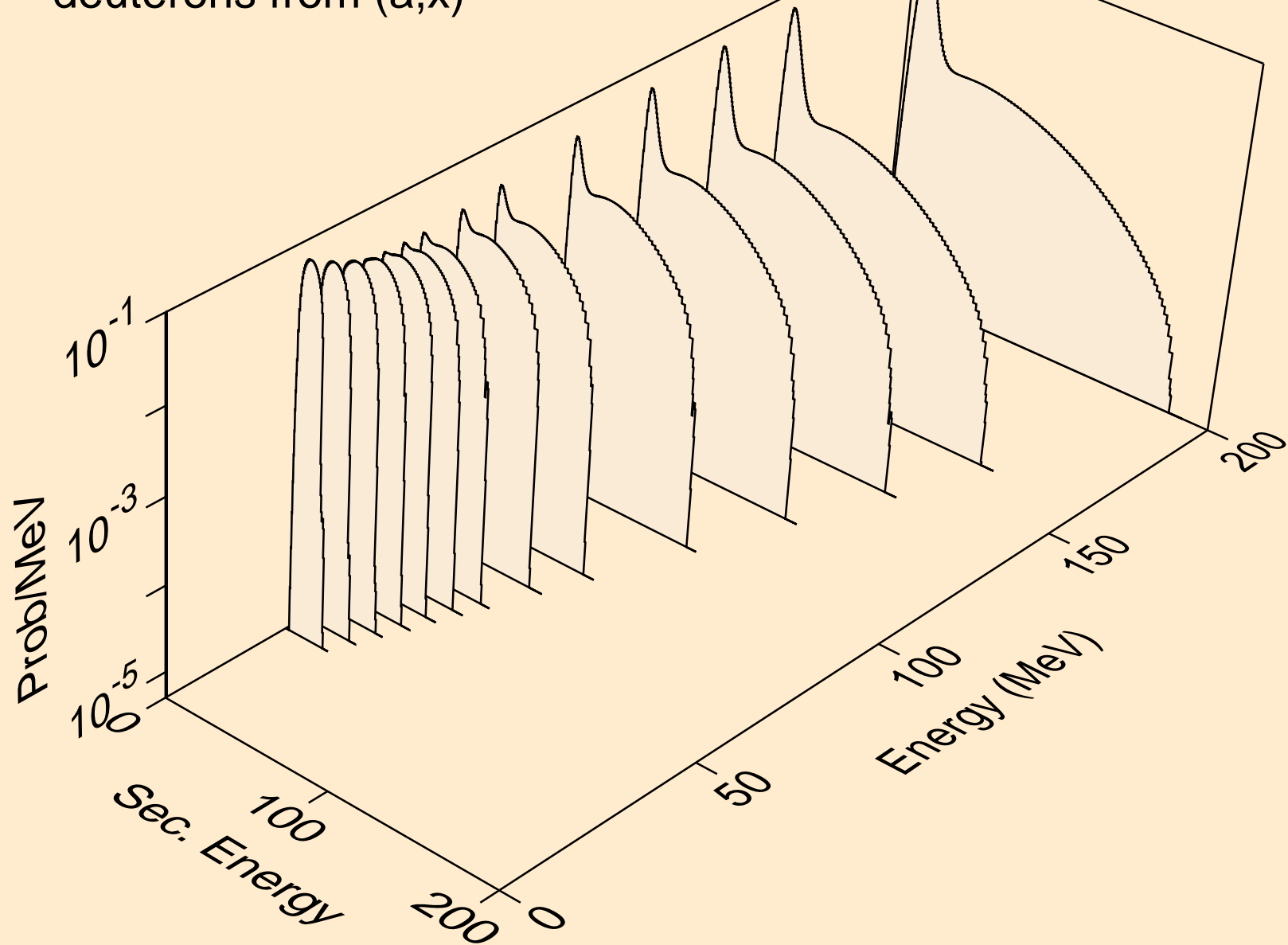


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protons from (a,pt)

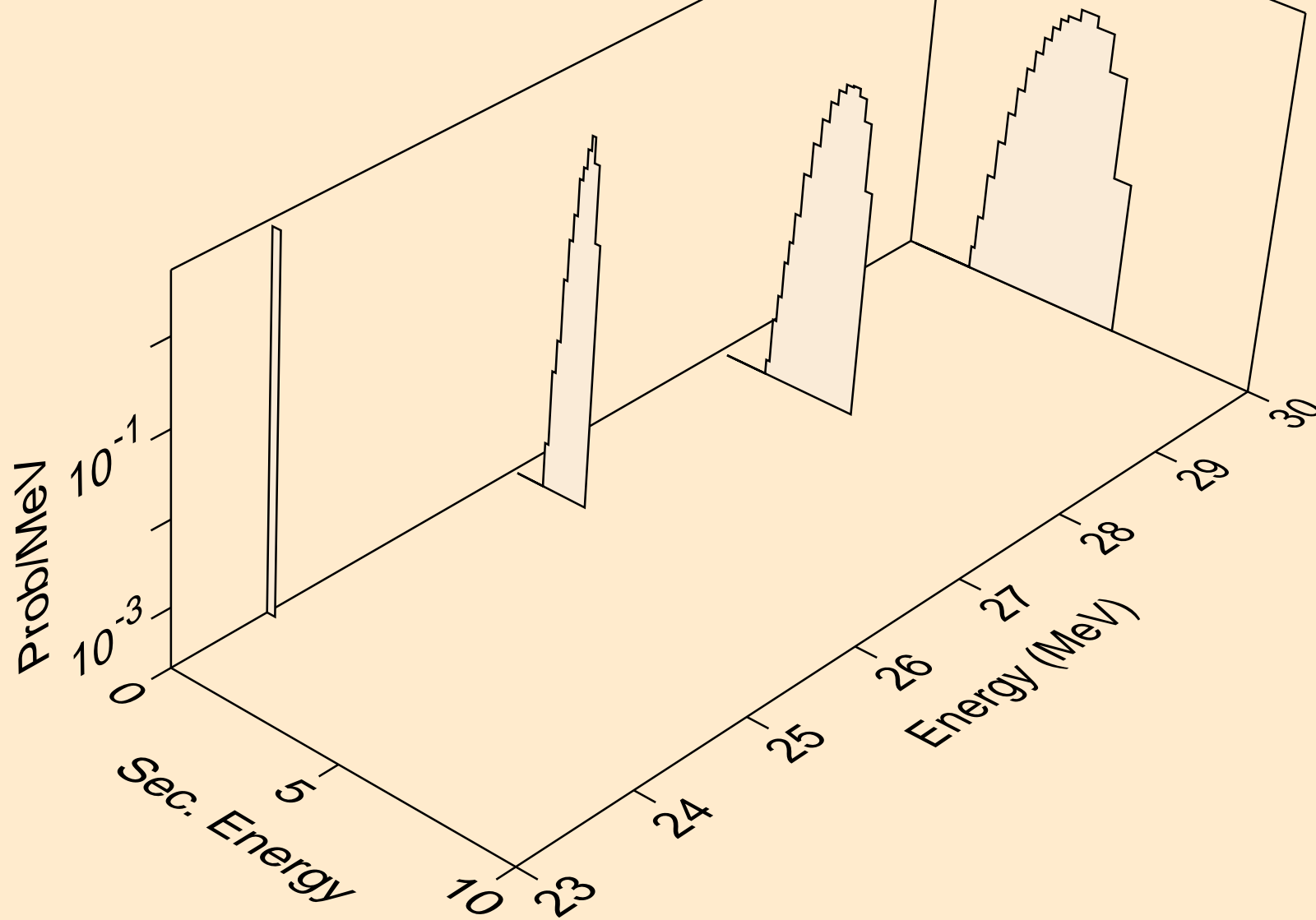




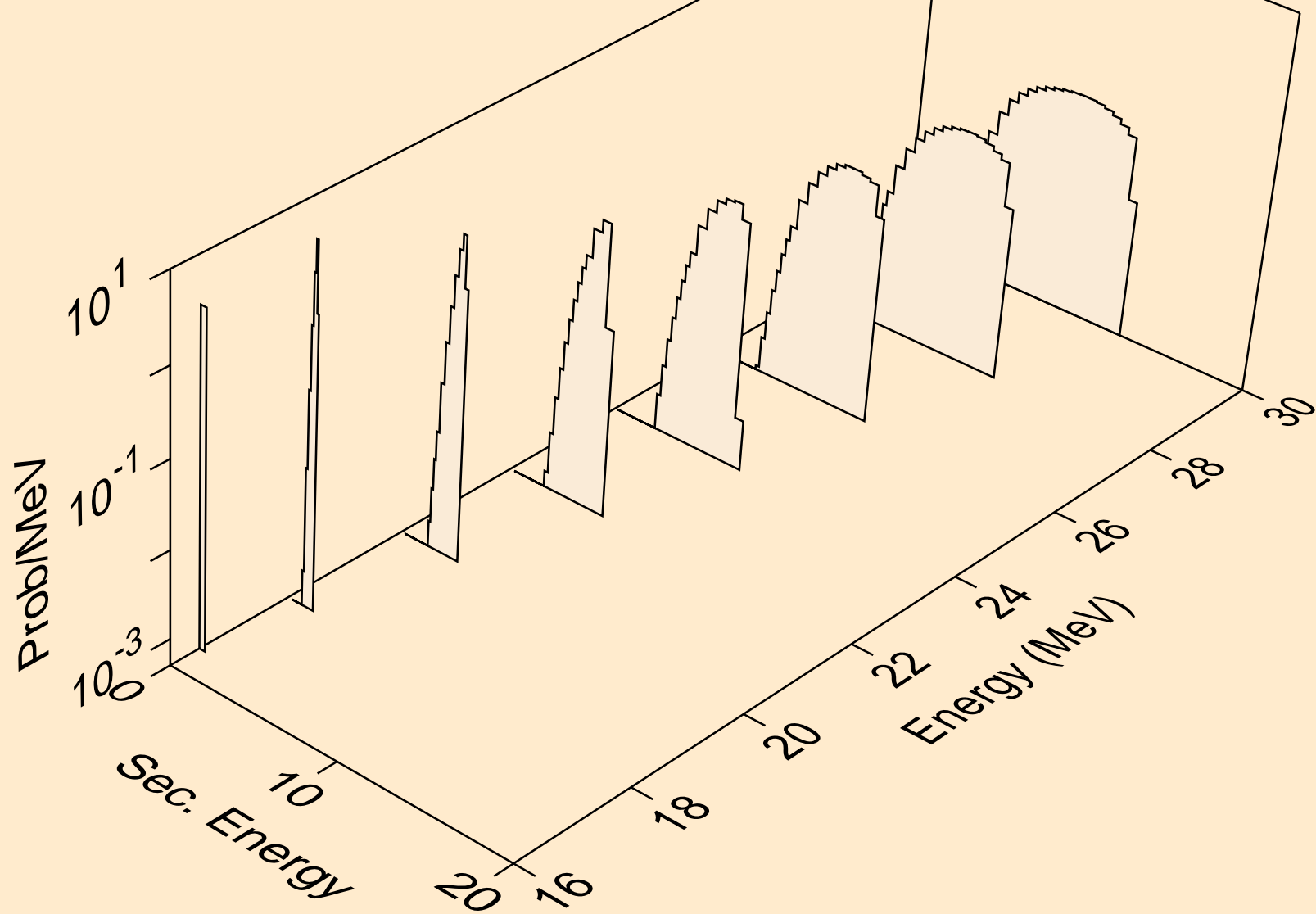
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deuterons from (a,x)



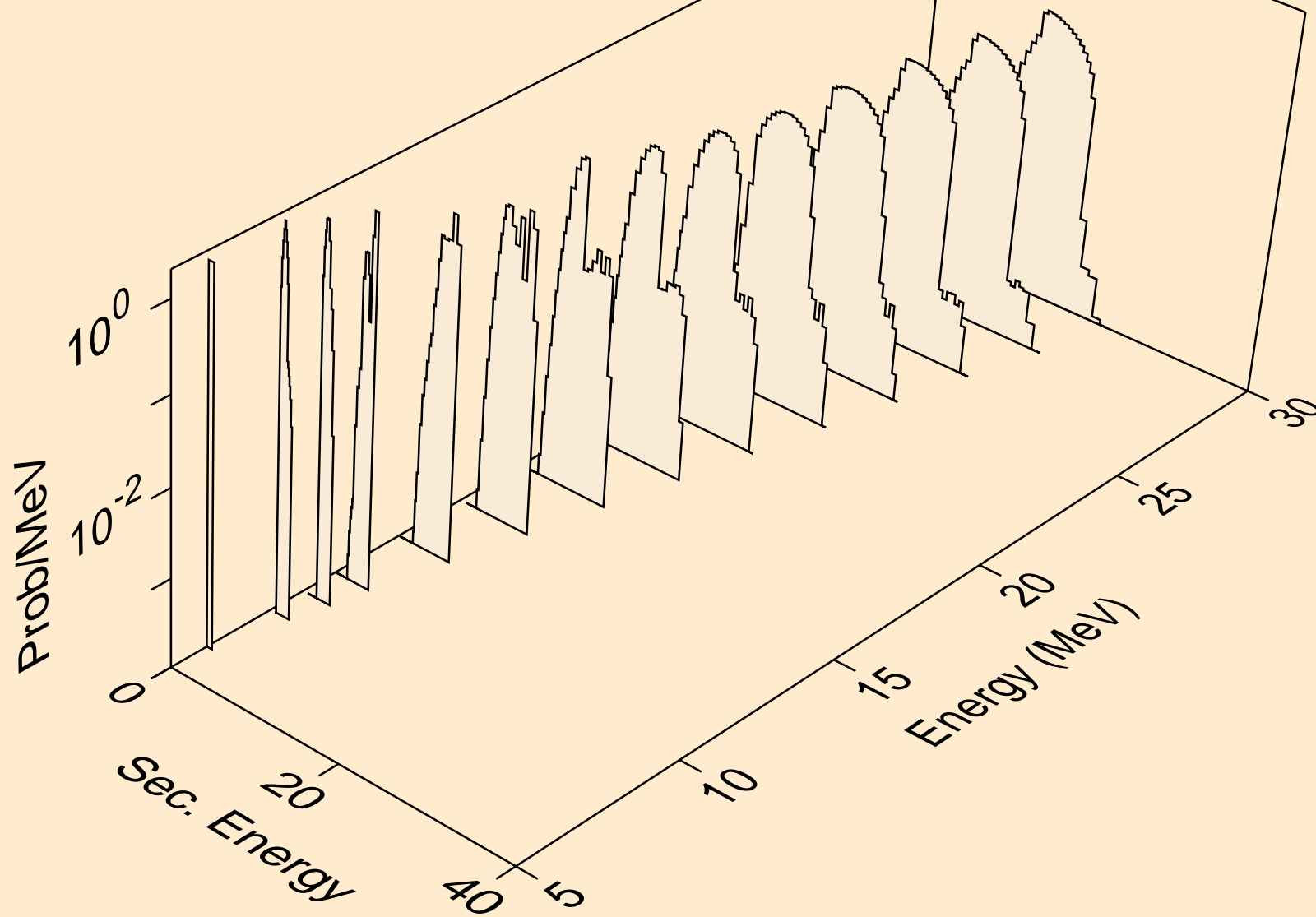
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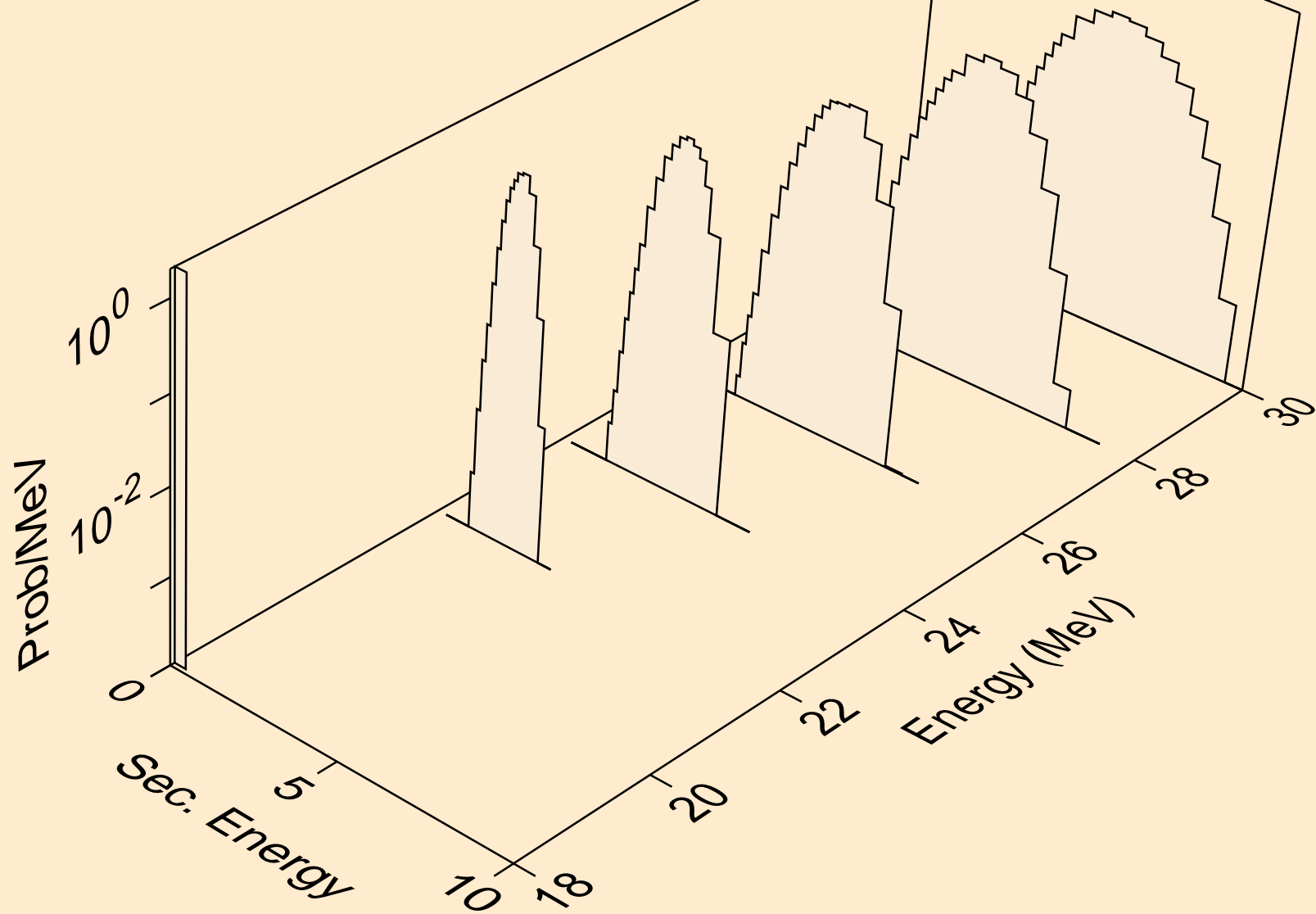
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deuterons from (a,n\*)d



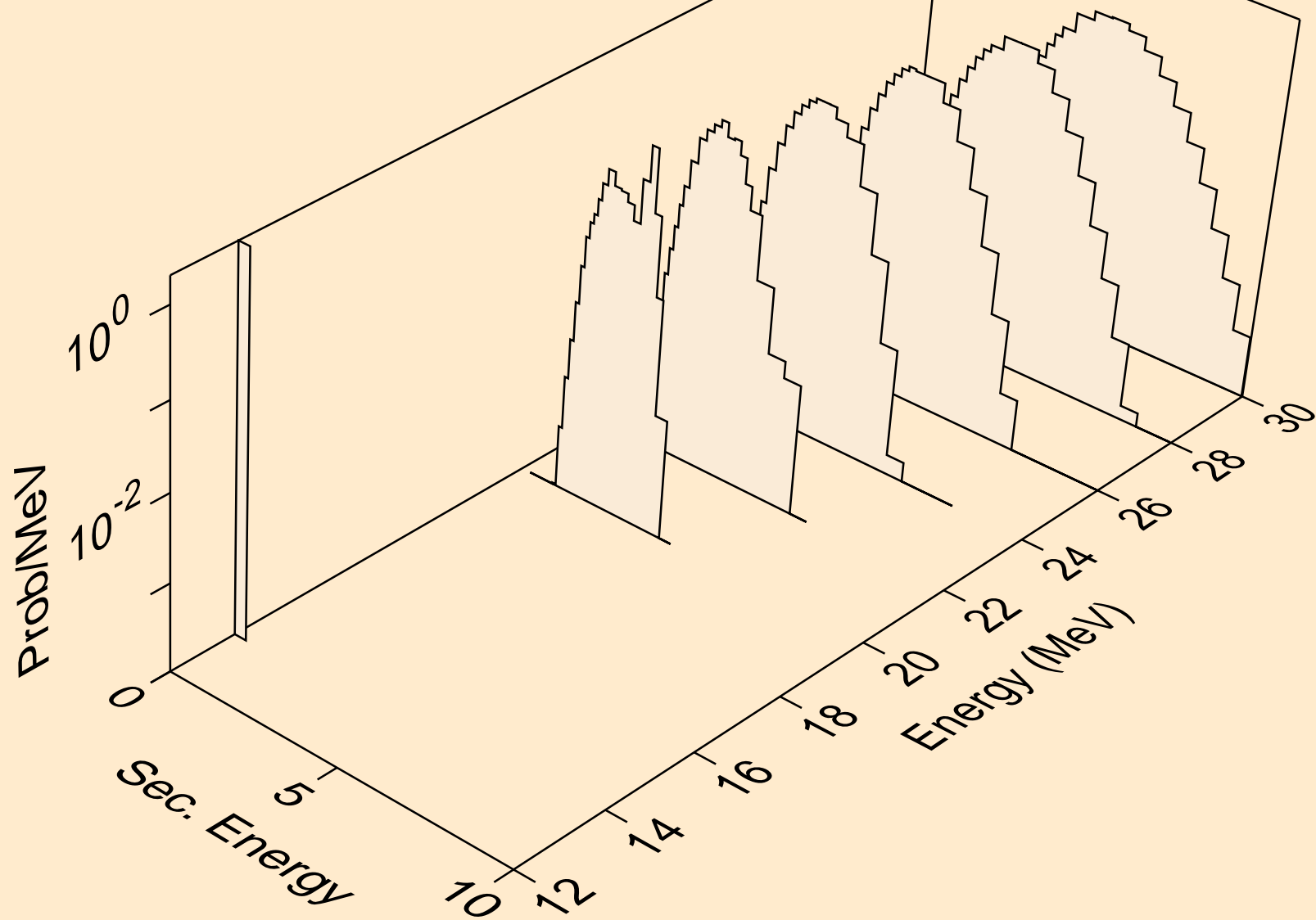
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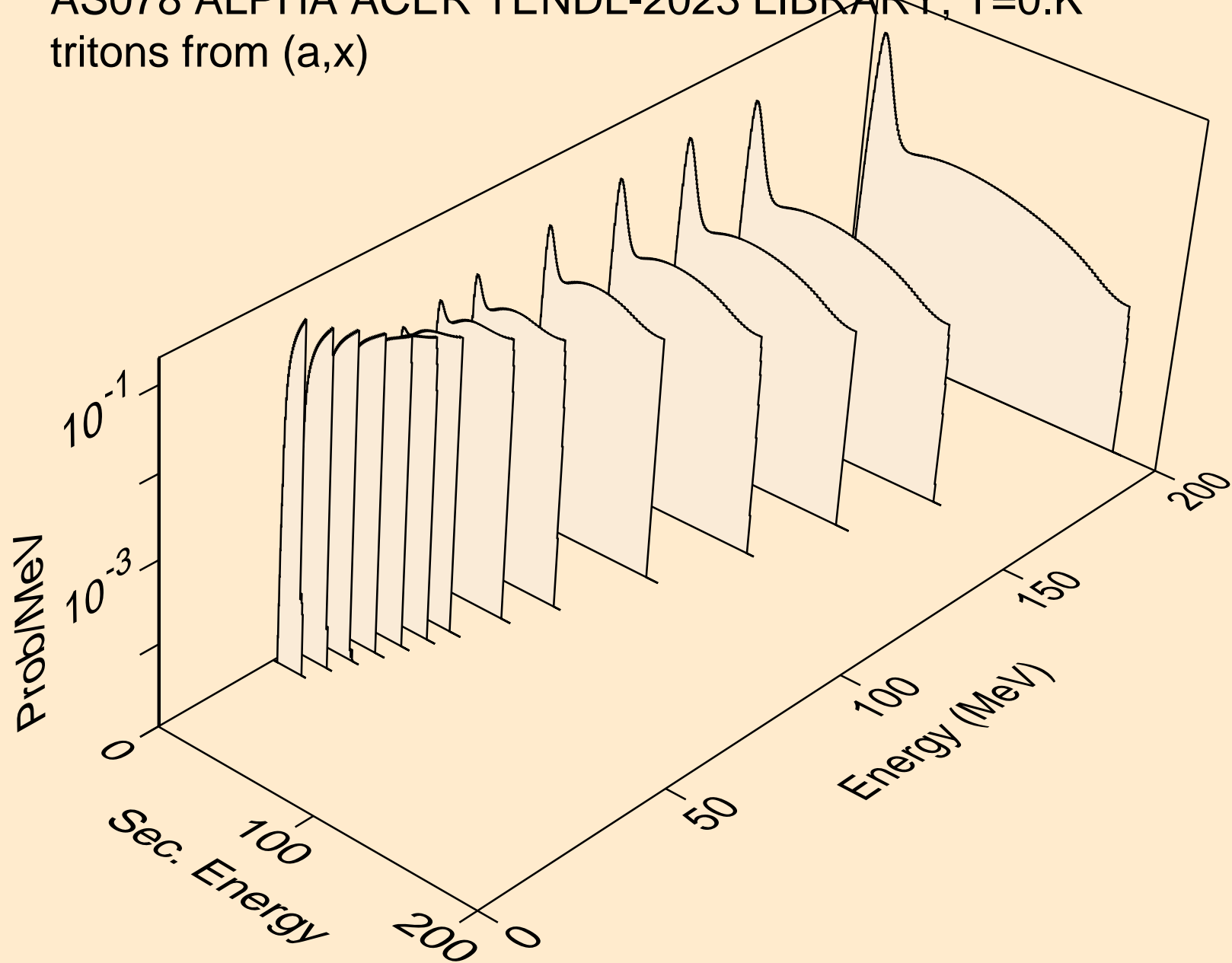
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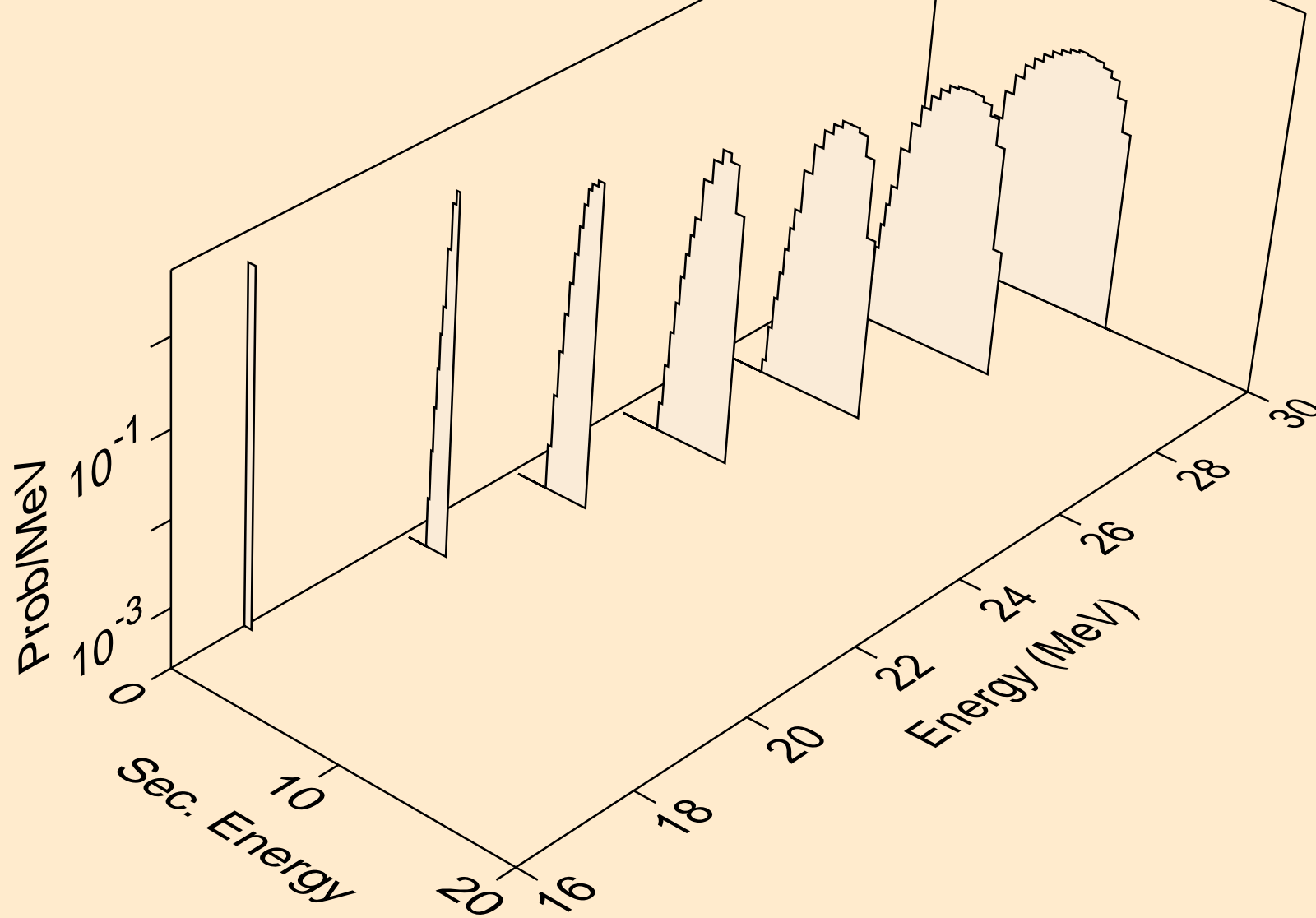
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deuterons from (a,da)



AS078 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)

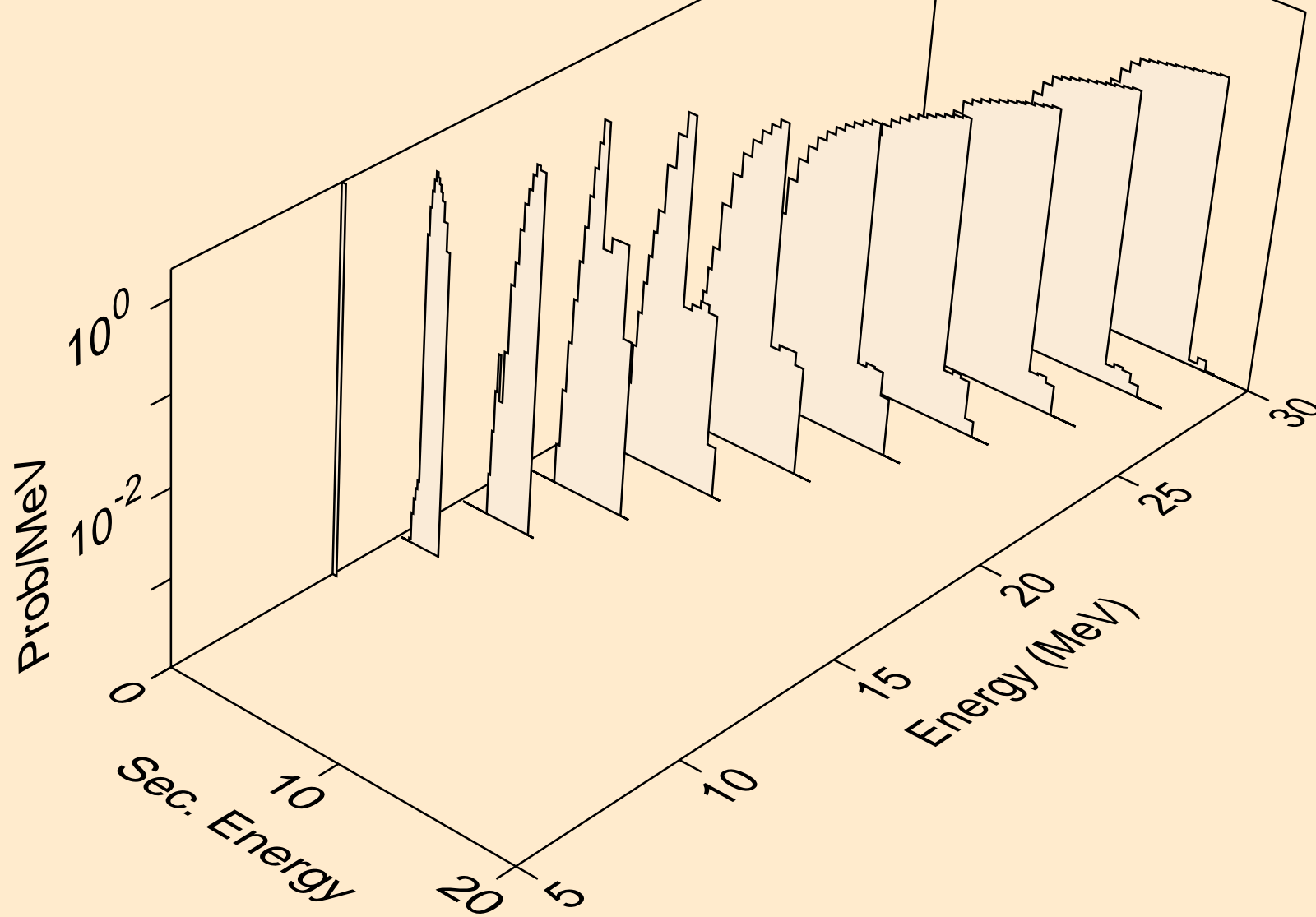


AS078 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,n\*)t

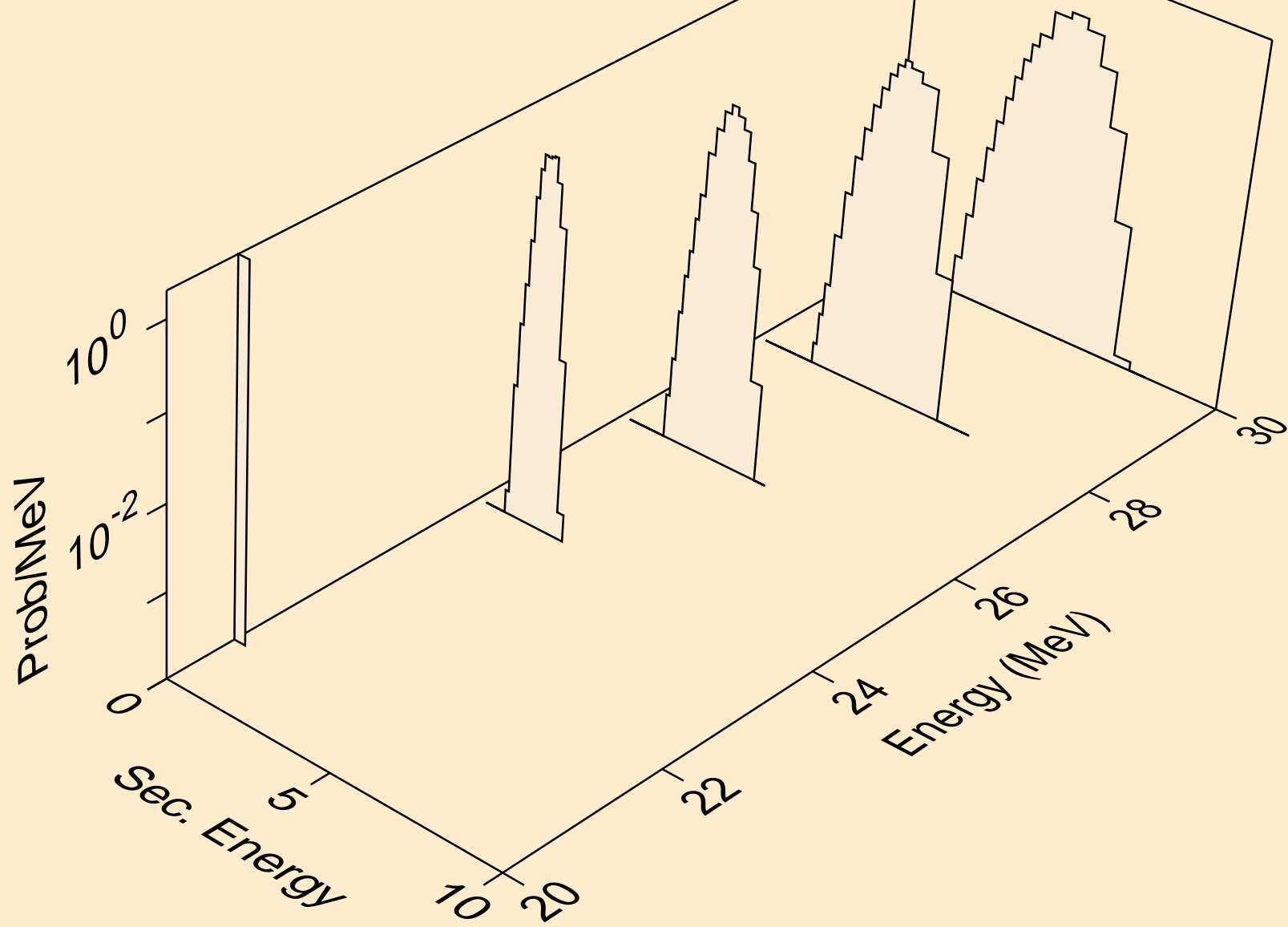




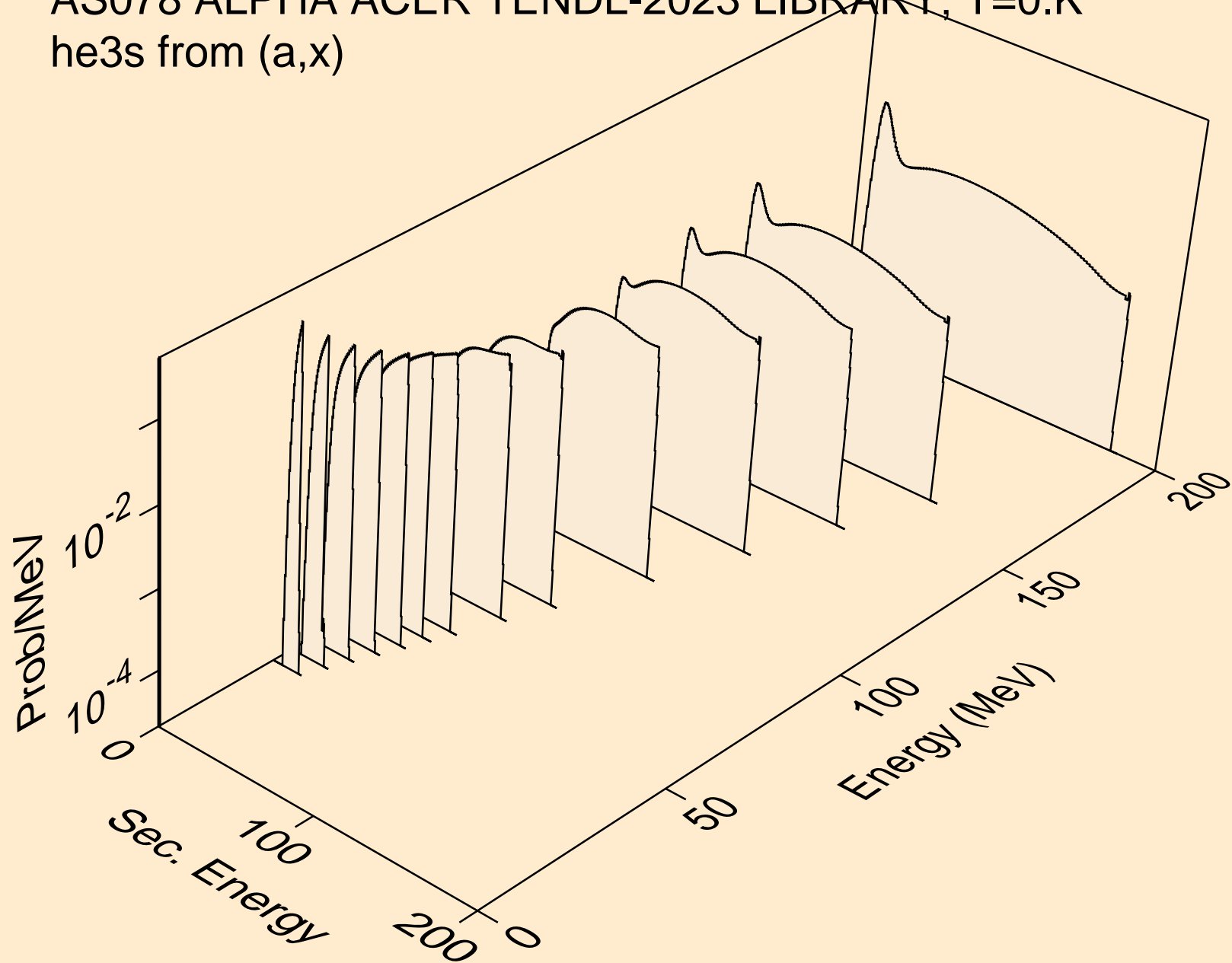
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tritons from (a,t)



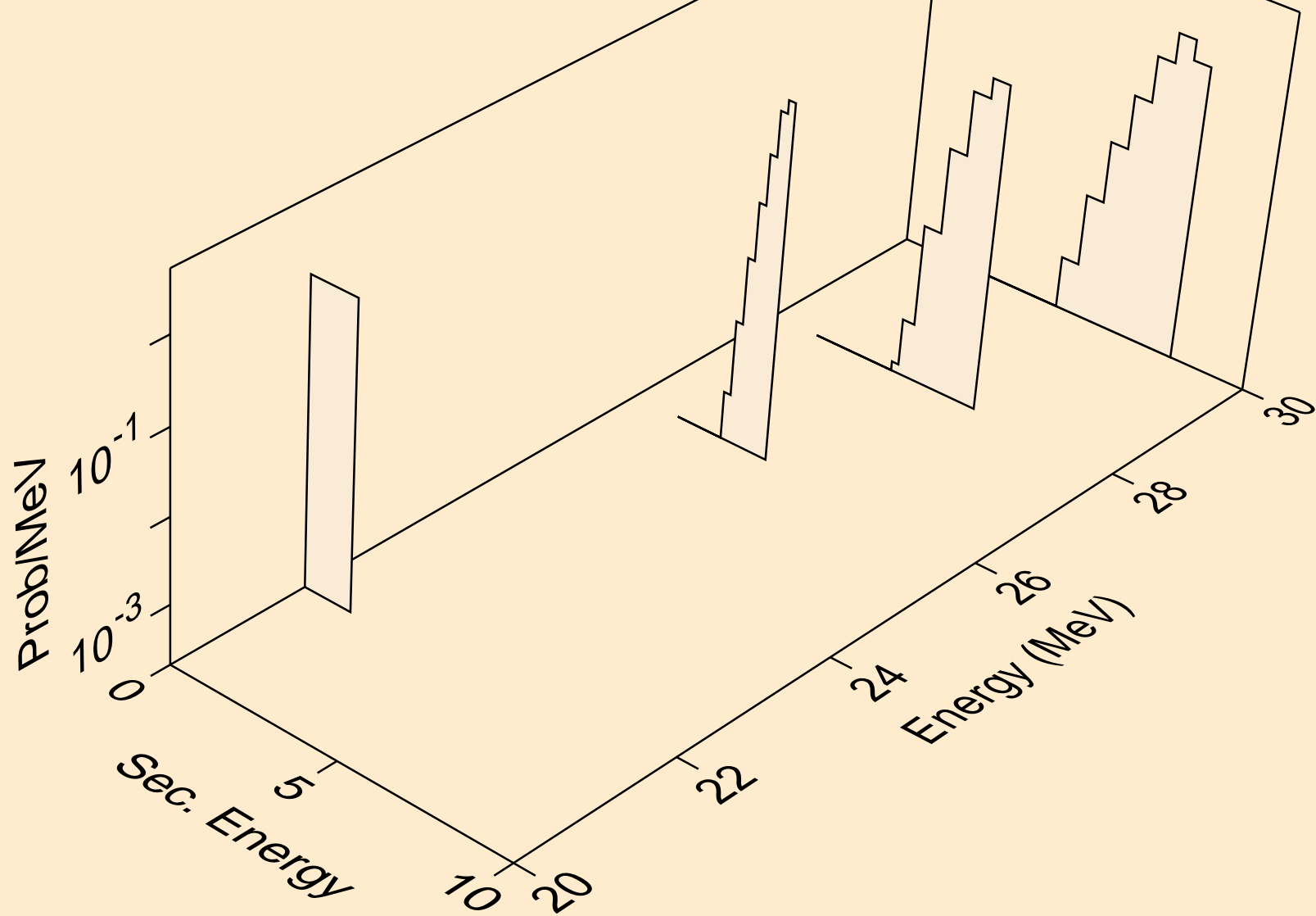
AS078 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,pt)



AS078 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



AS078 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,n\*)he3



AS078 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

