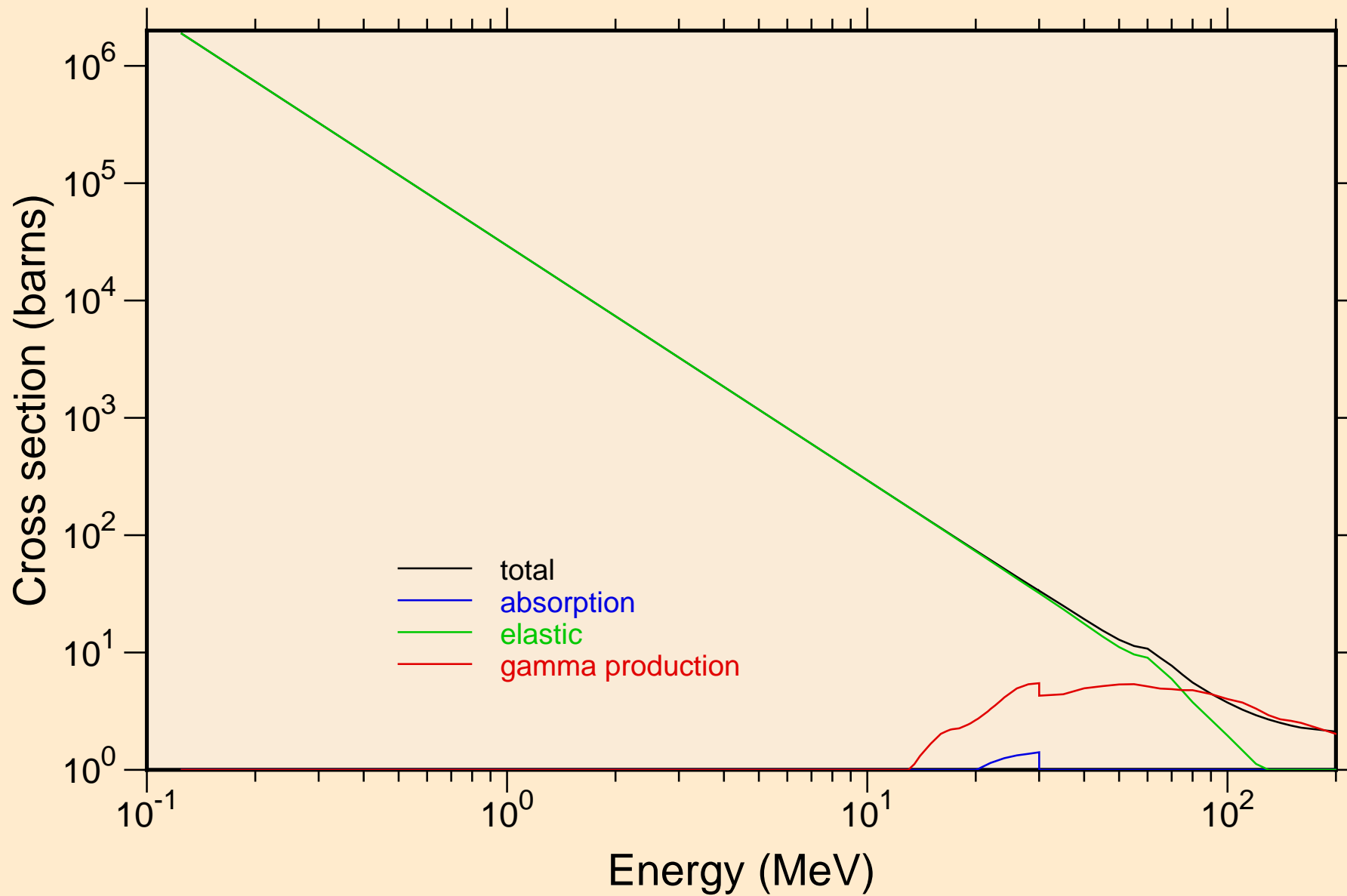
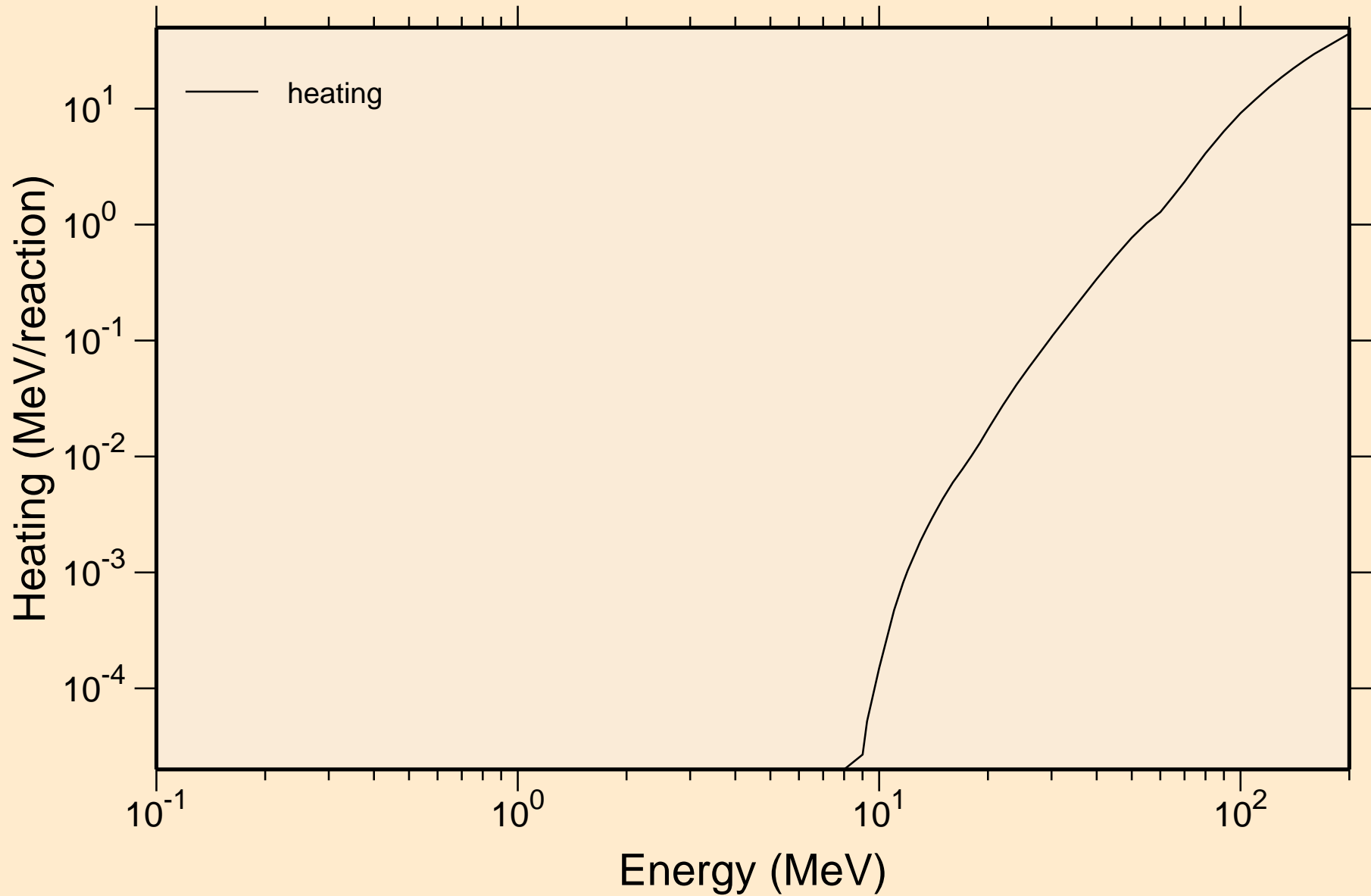


AS082 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections



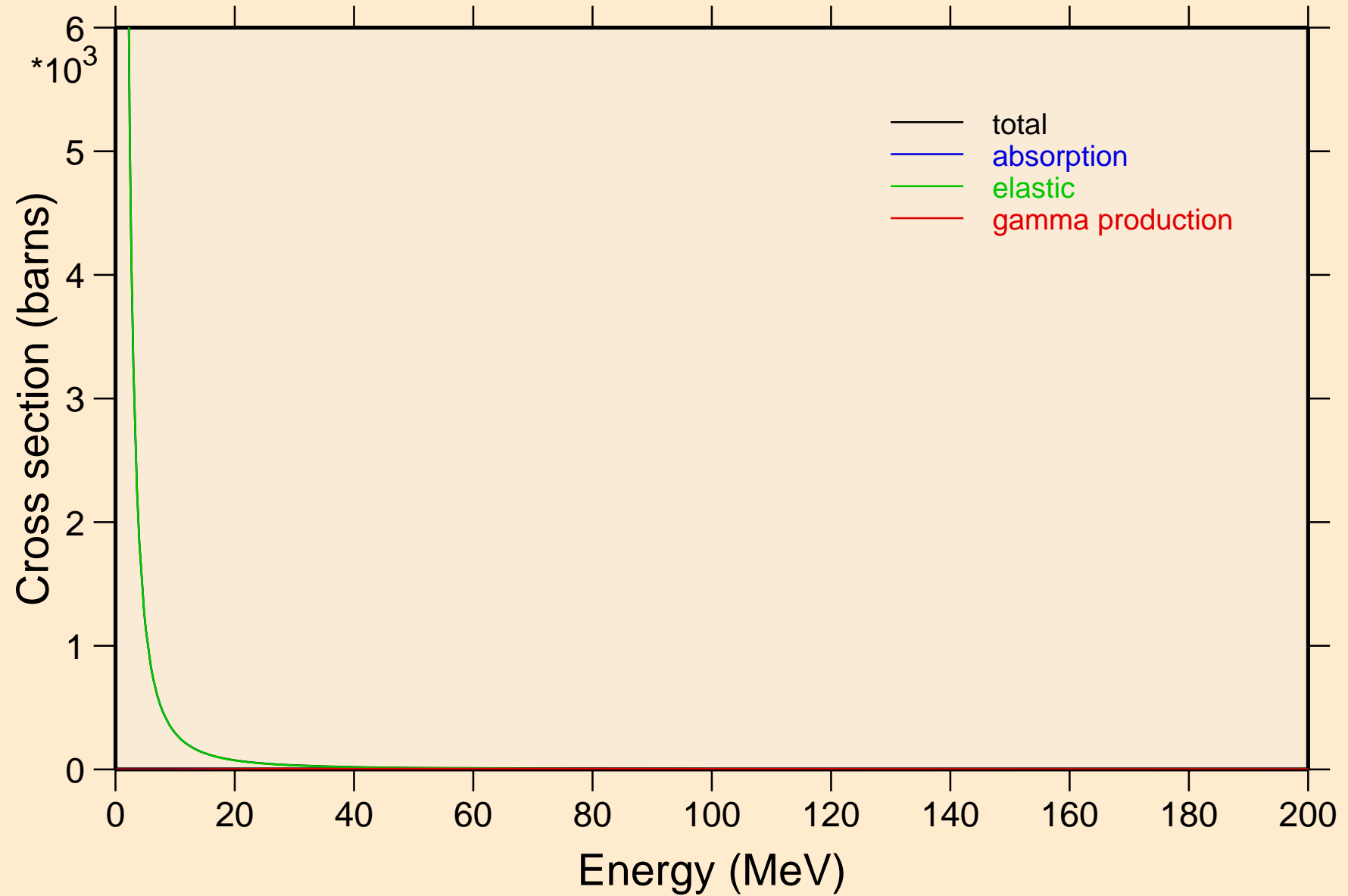
AS082 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Heating



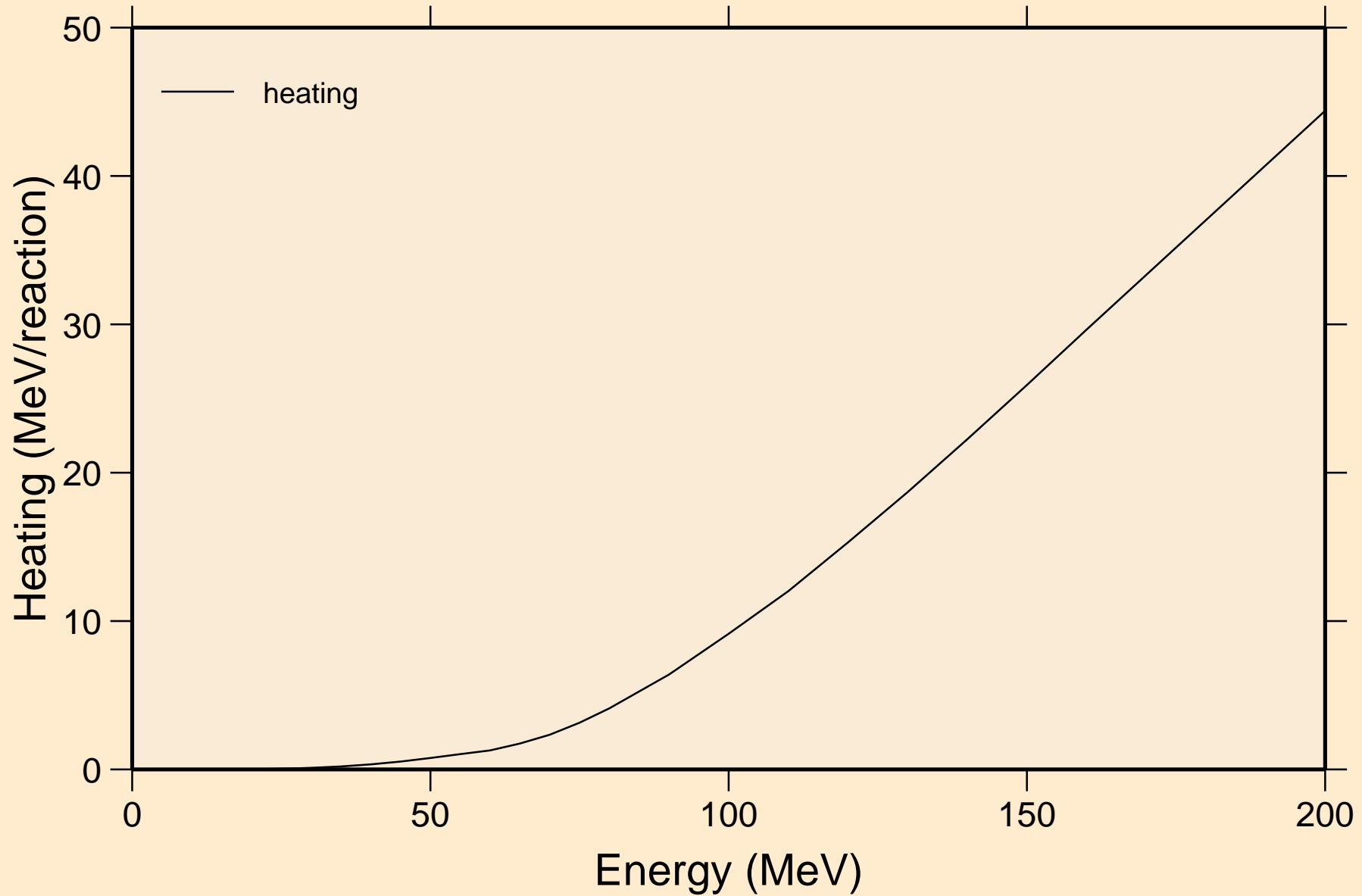
# AS082 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

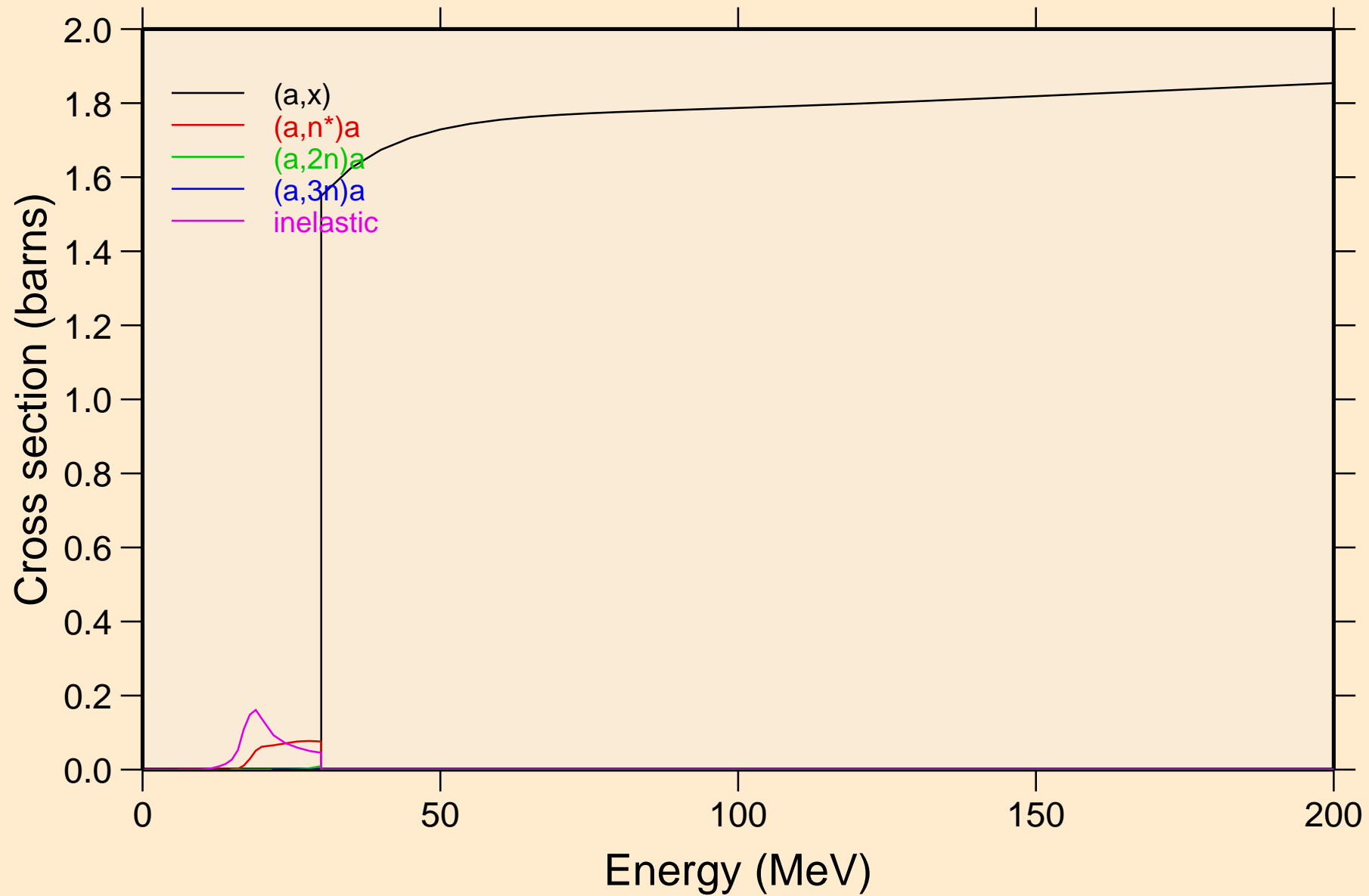


AS082 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

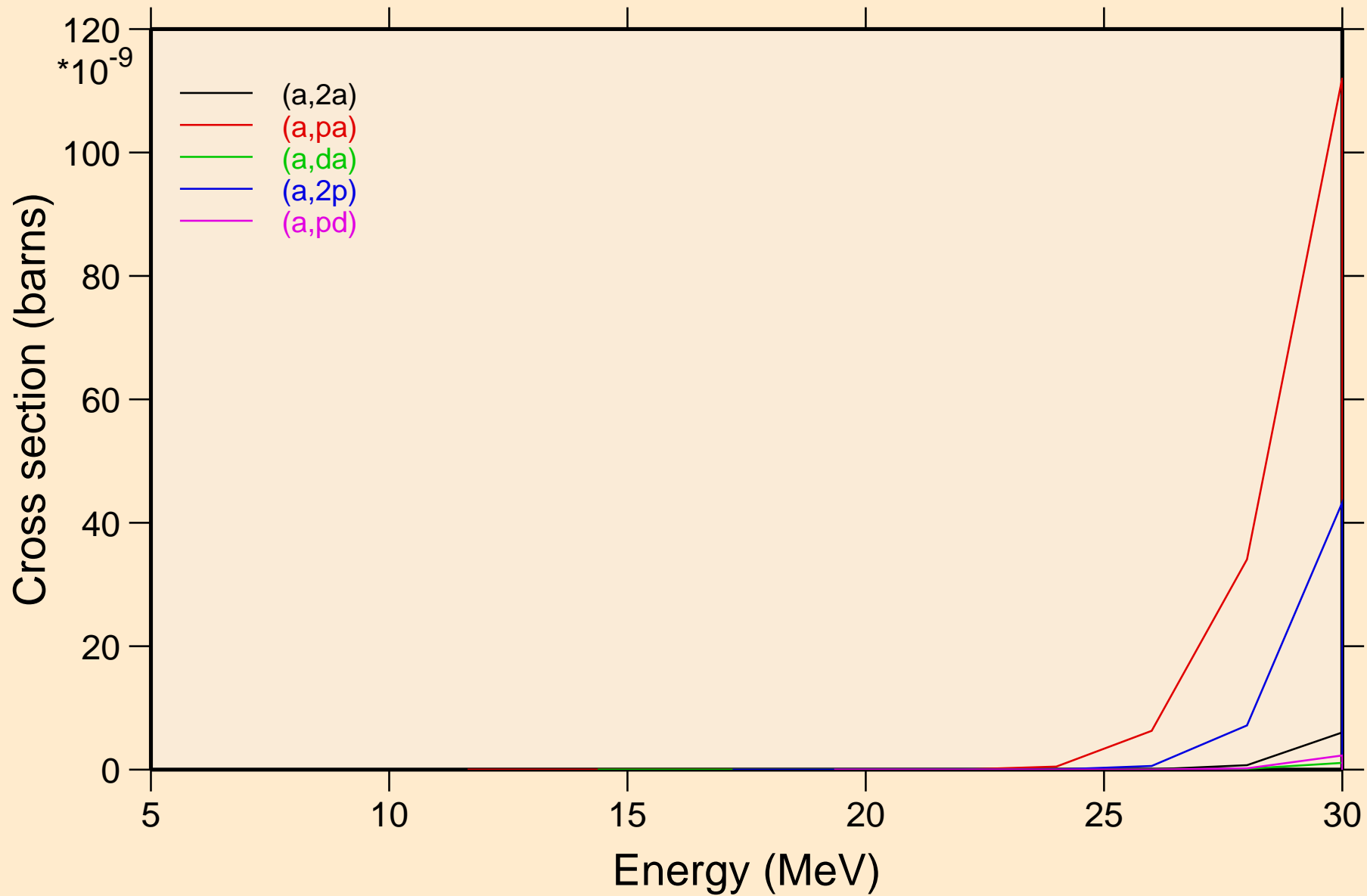
Heating



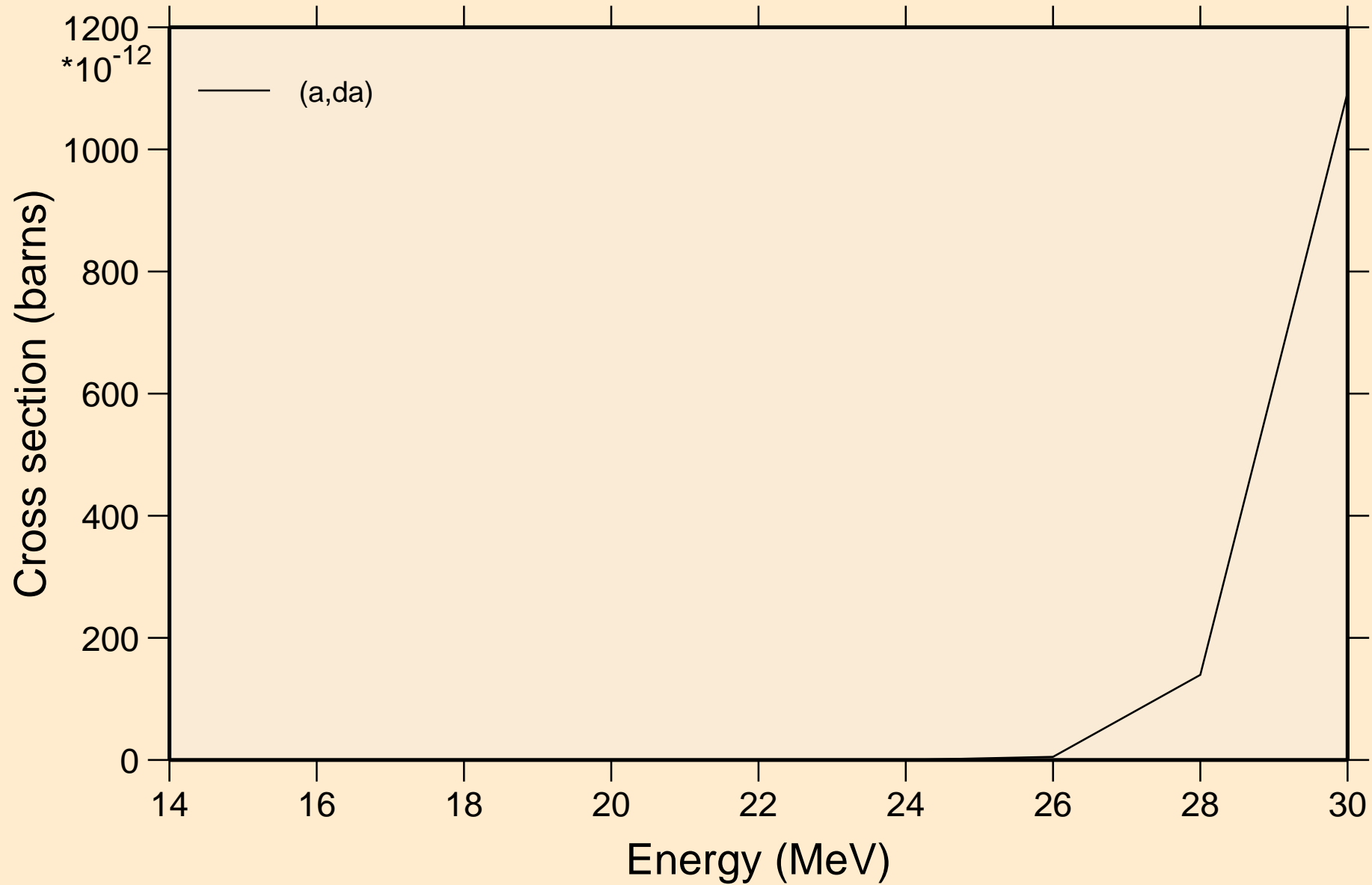
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Threshold reactions



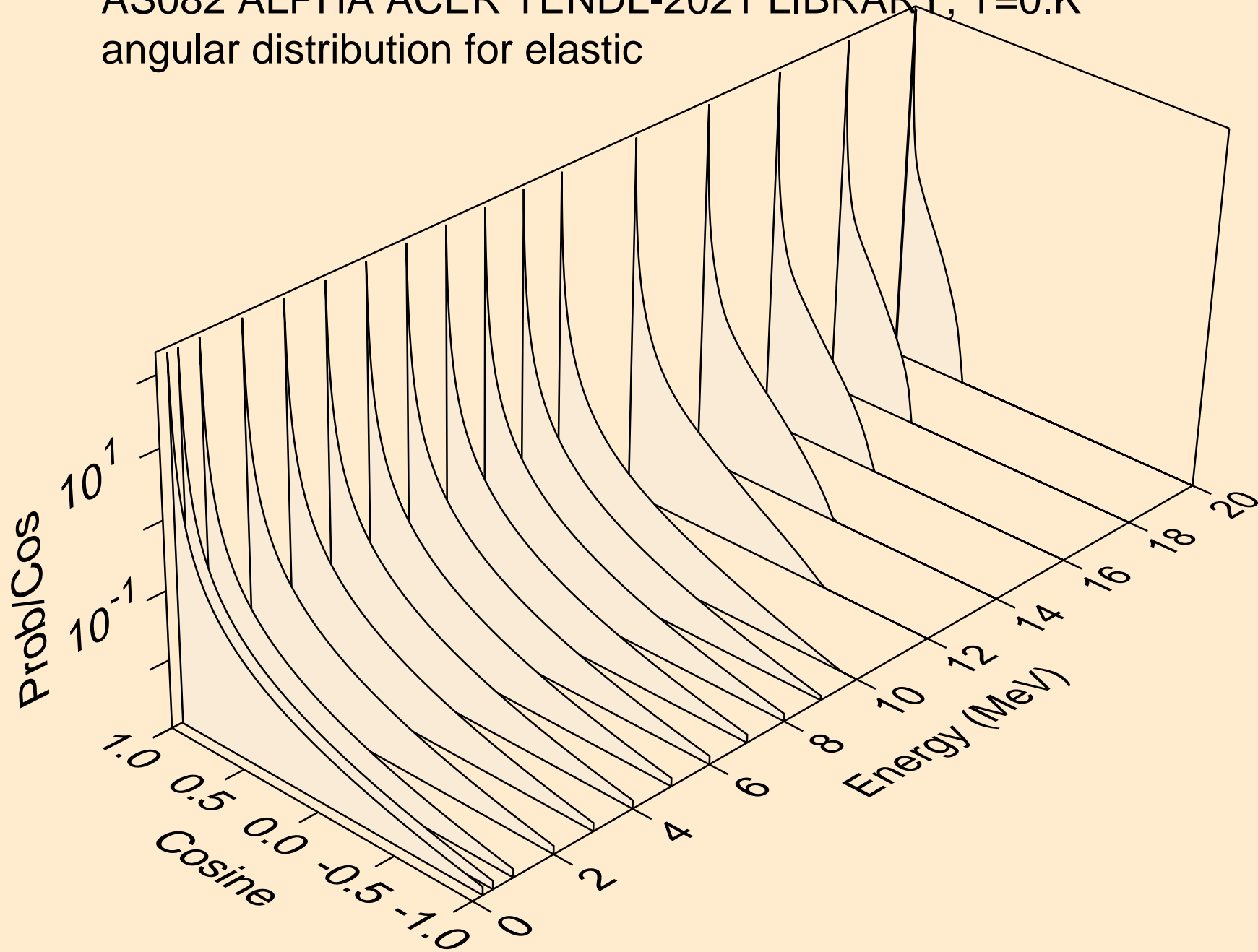
AS082 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



AS082 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

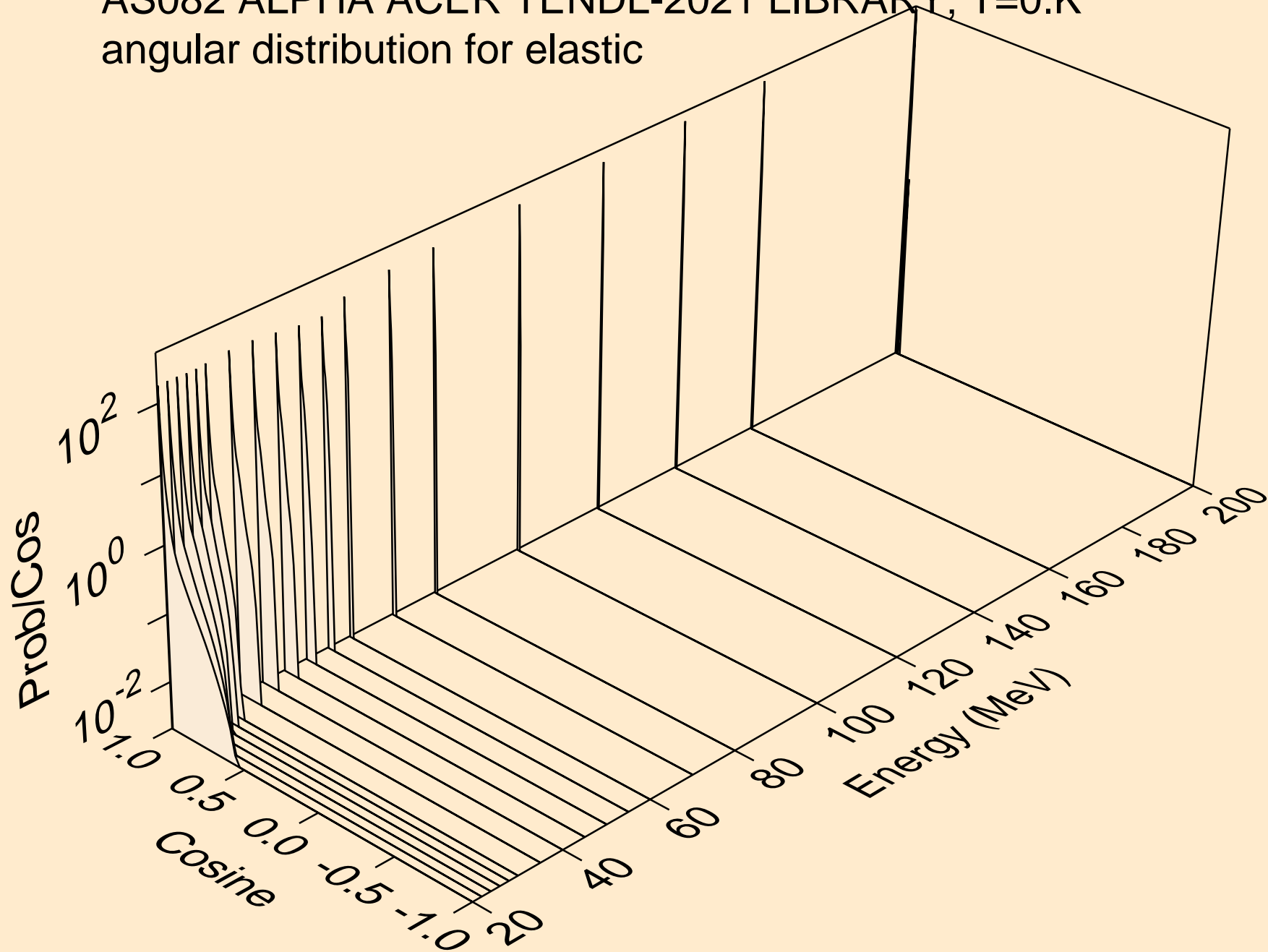


AS082 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



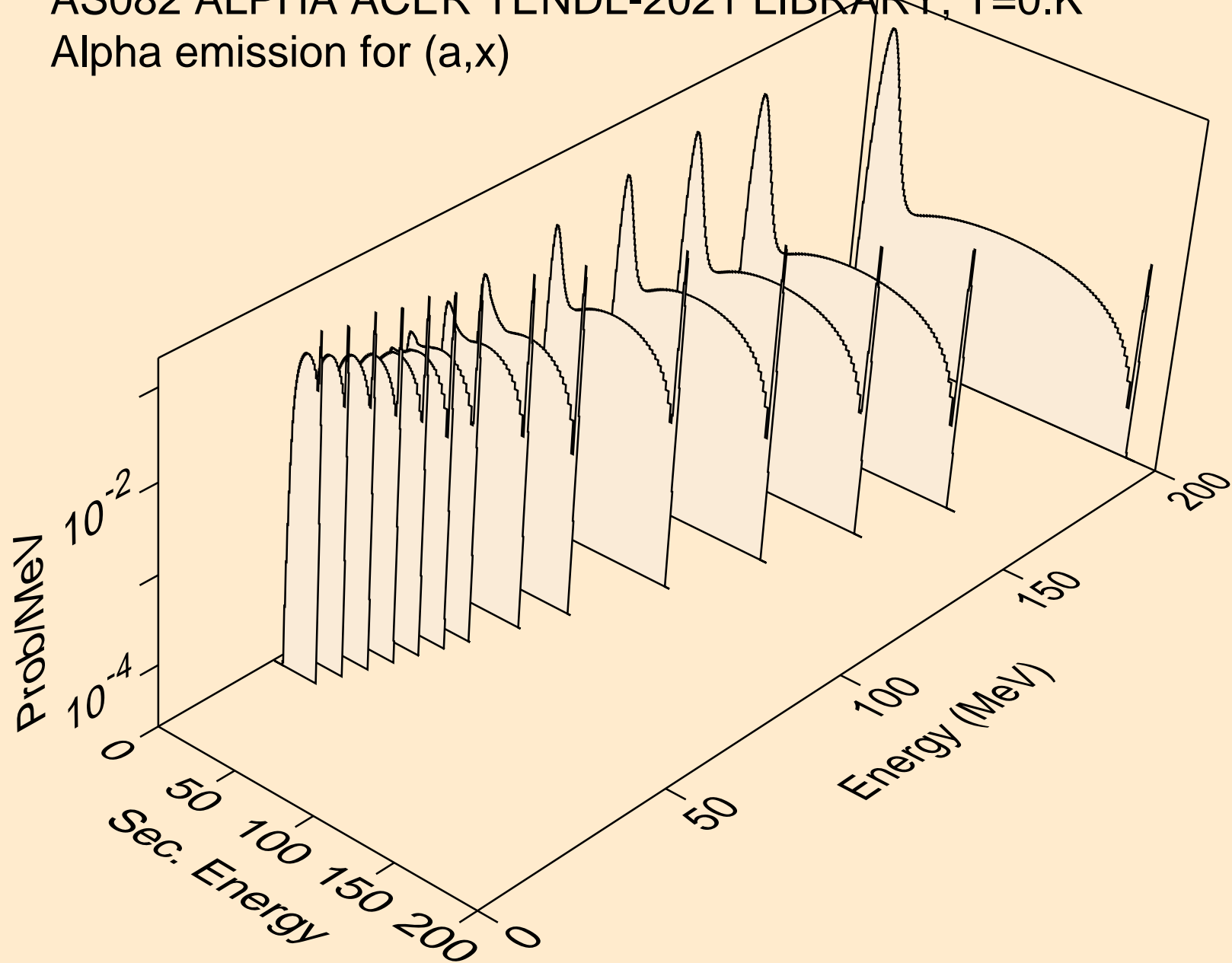


AS082 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic

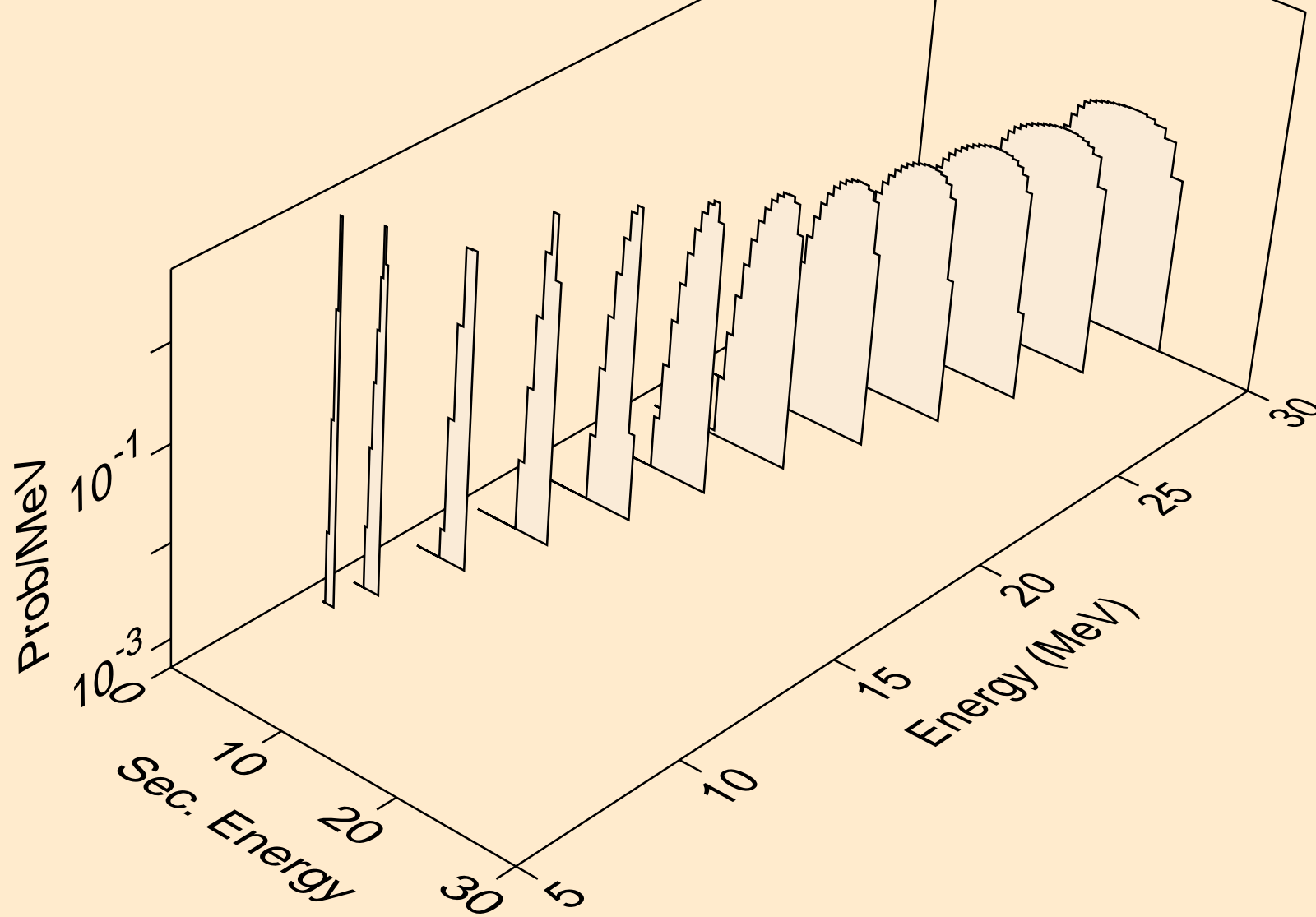


AS082 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

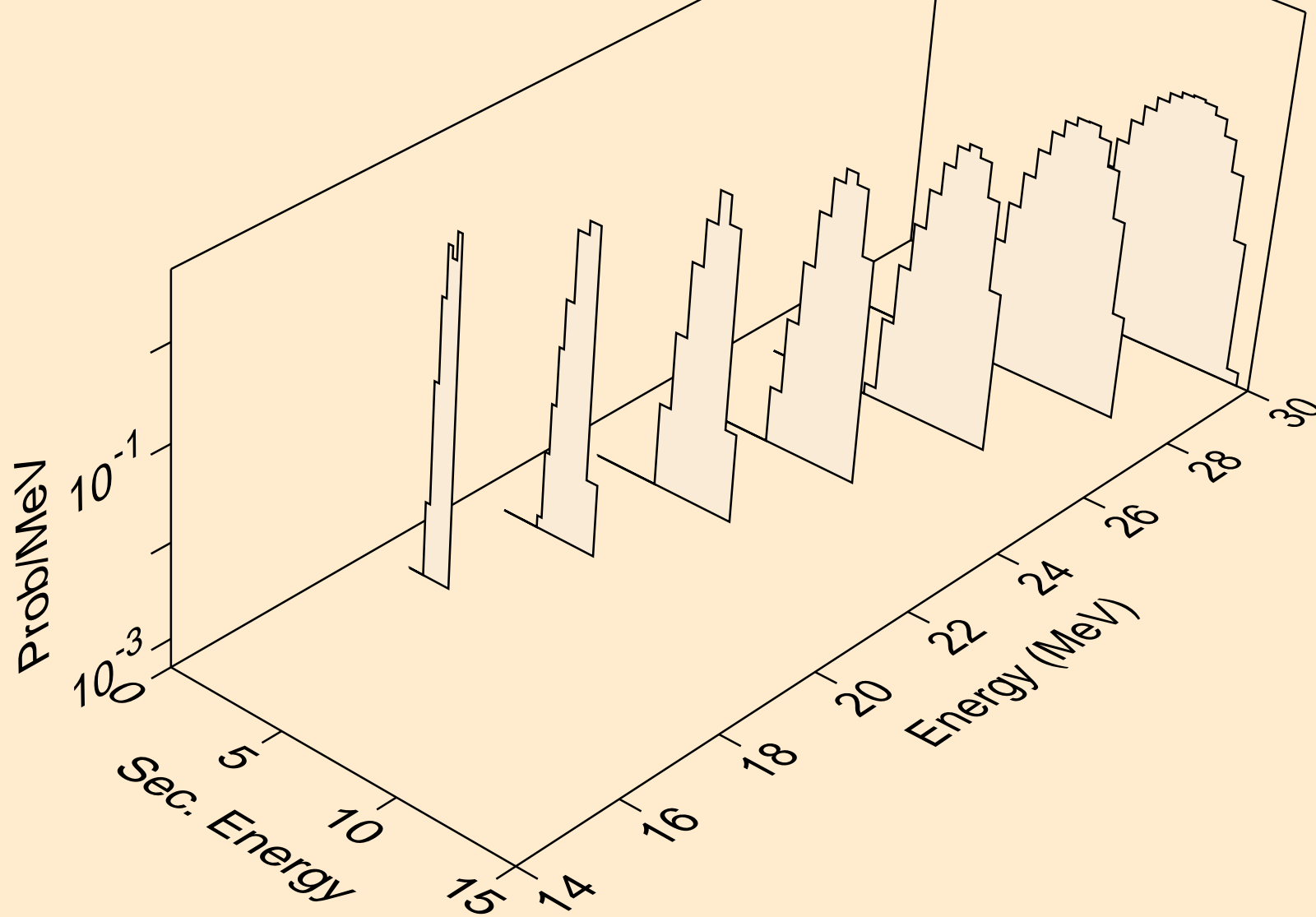
Alpha emission for (a,x)



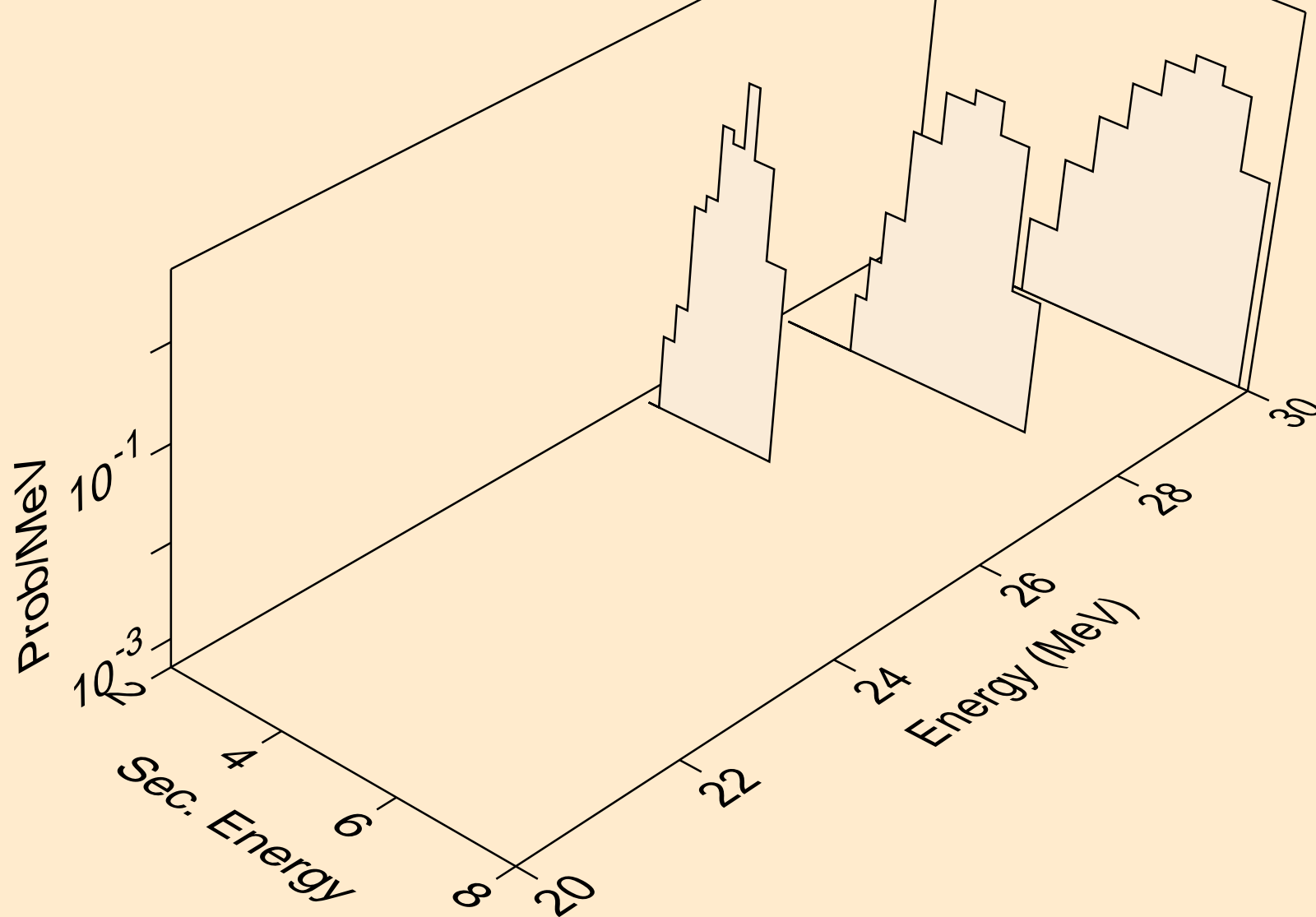
AS082 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



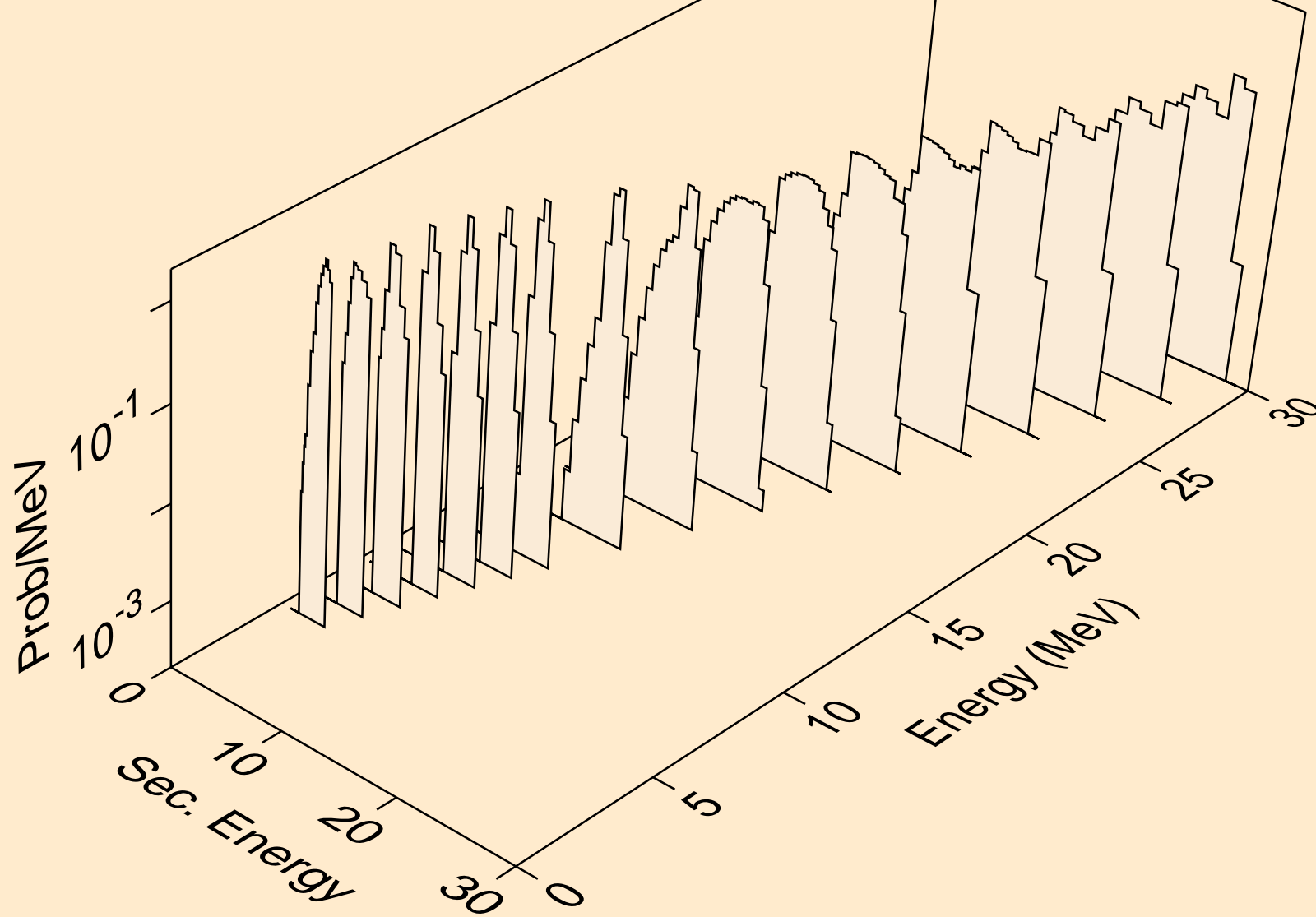
AS082 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



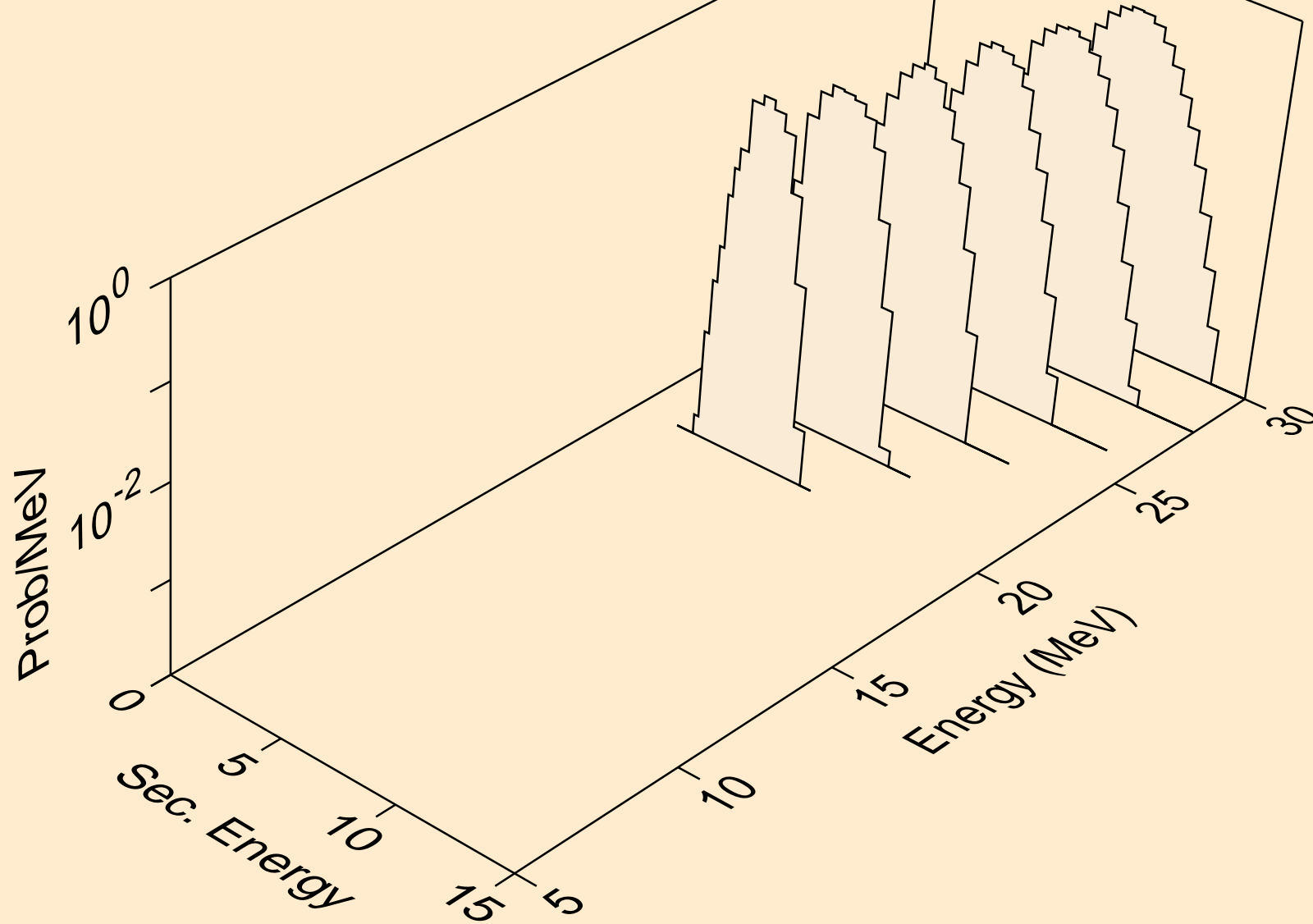
AS082 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,3n)a



AS082 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for inelastic

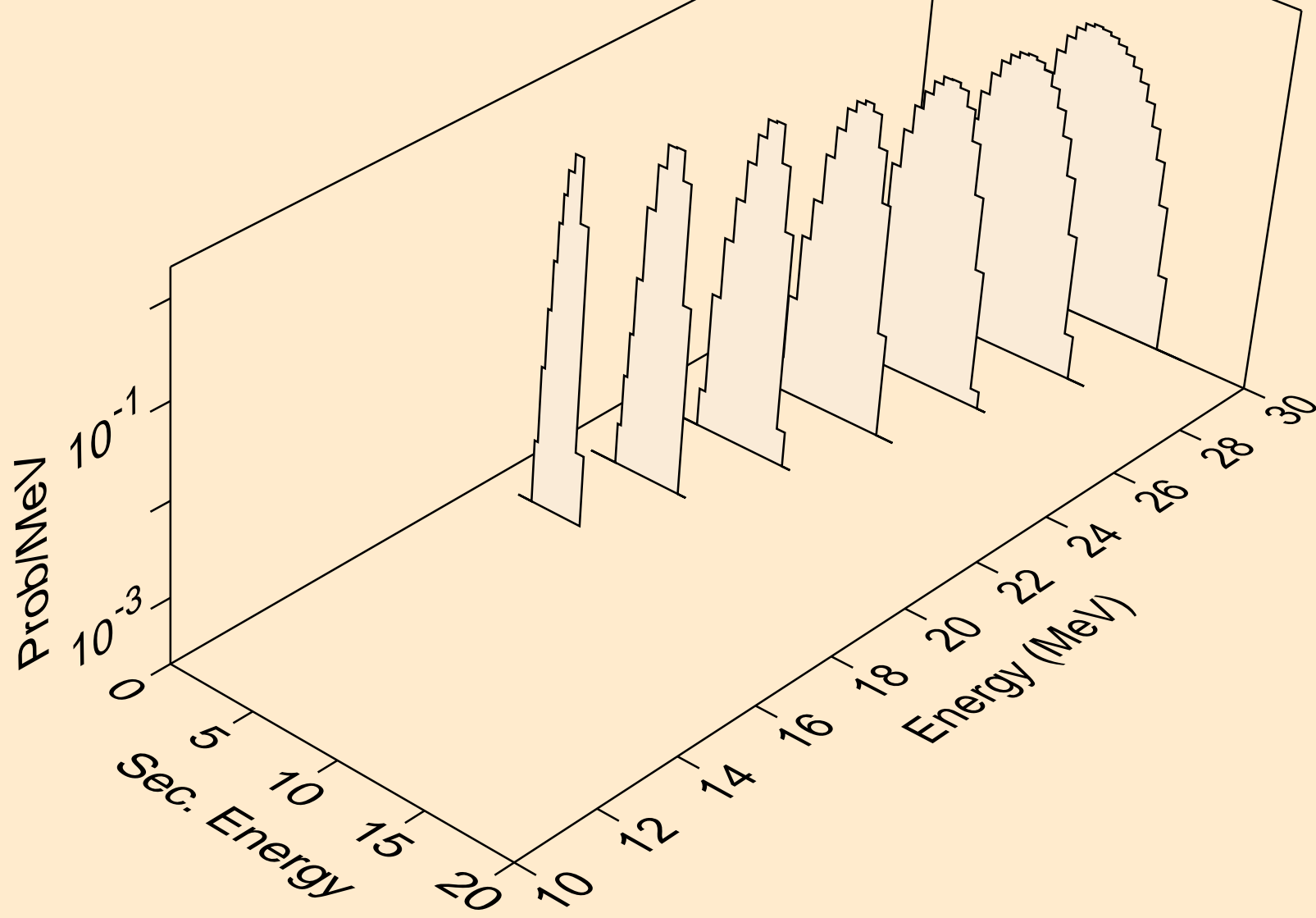


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Alpha emission for (a,2a)



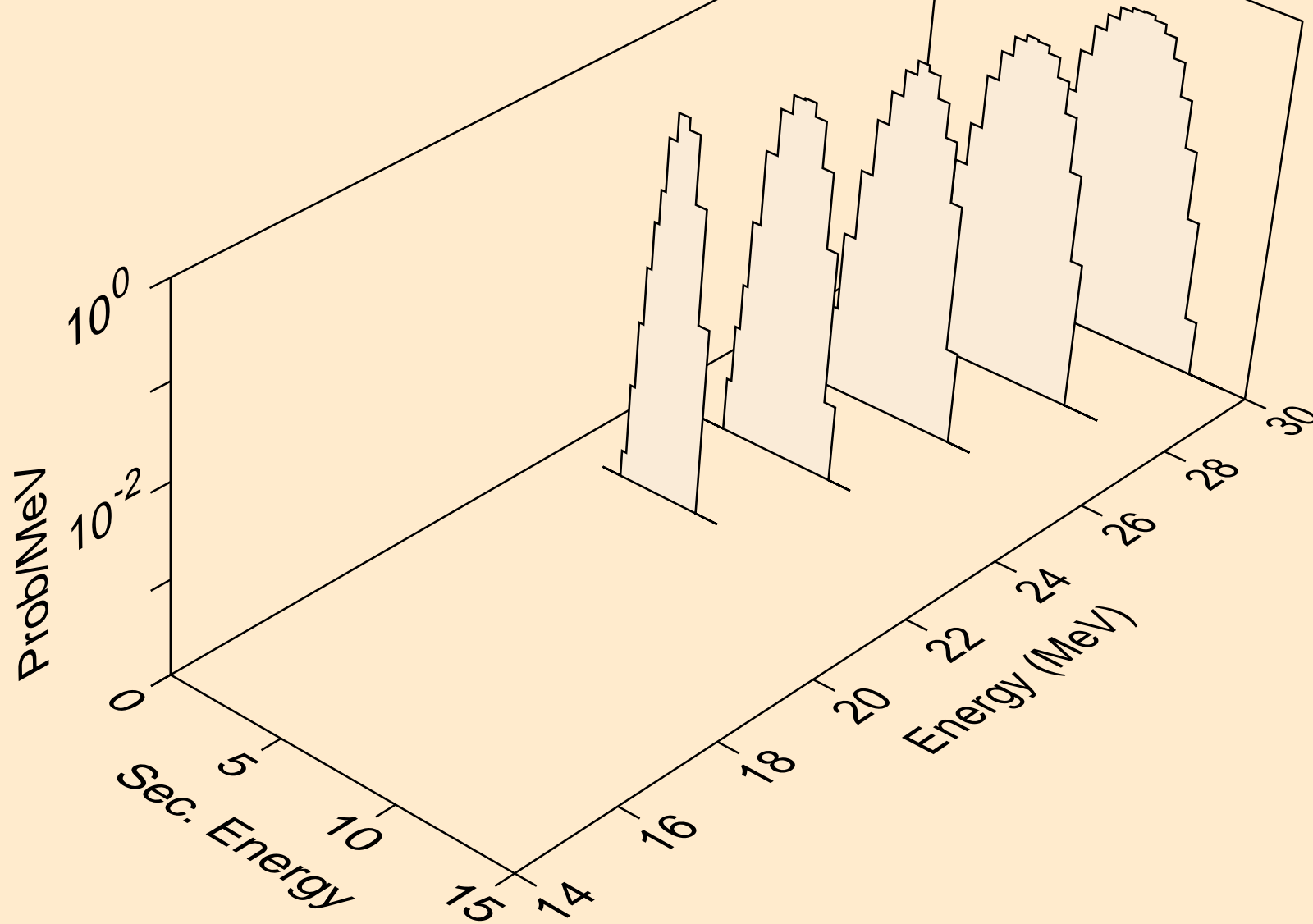
AS082 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Alpha emission for (a,pa)

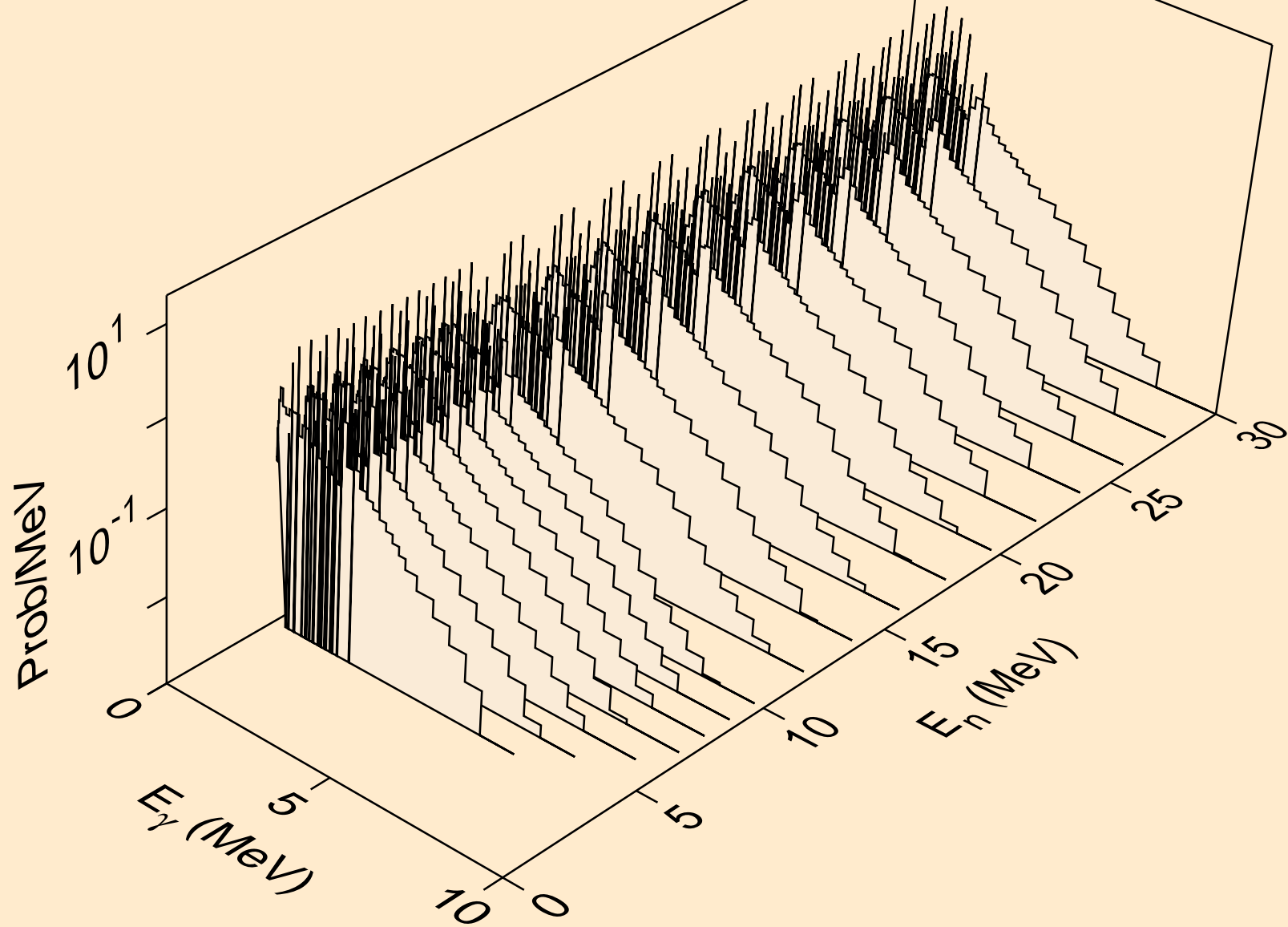




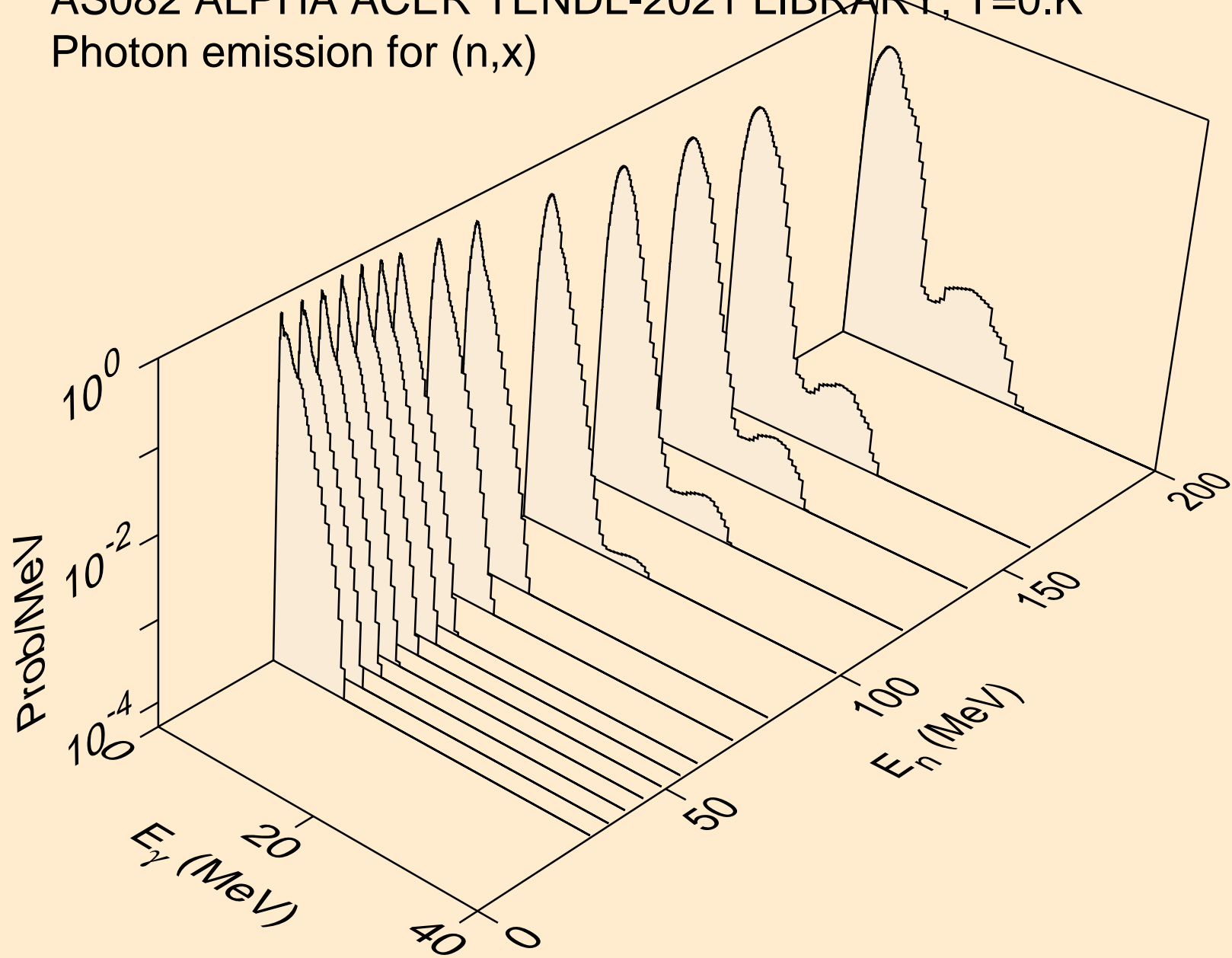
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Alpha emission for (a,da)



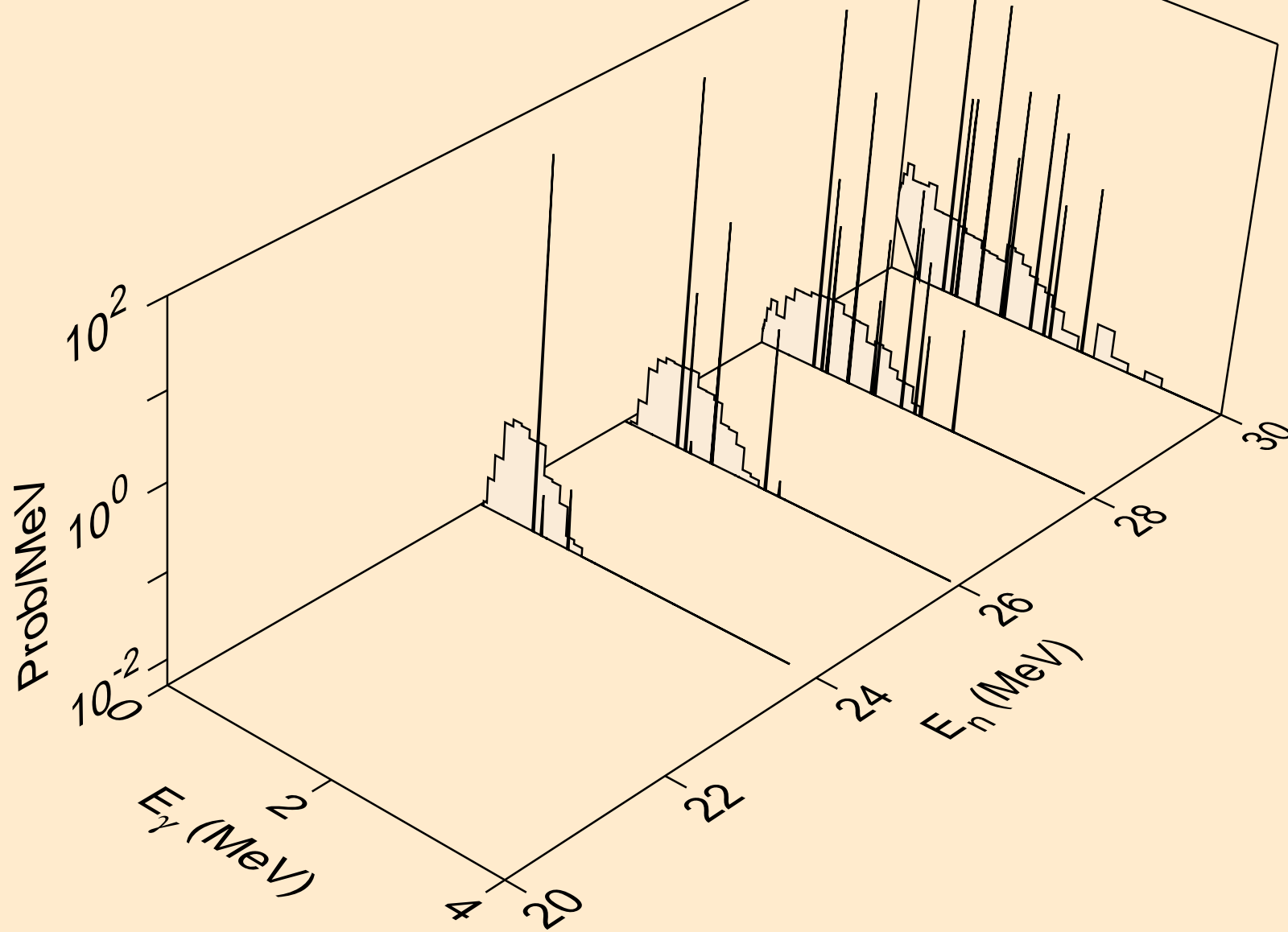
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Photon emission for (z,n)



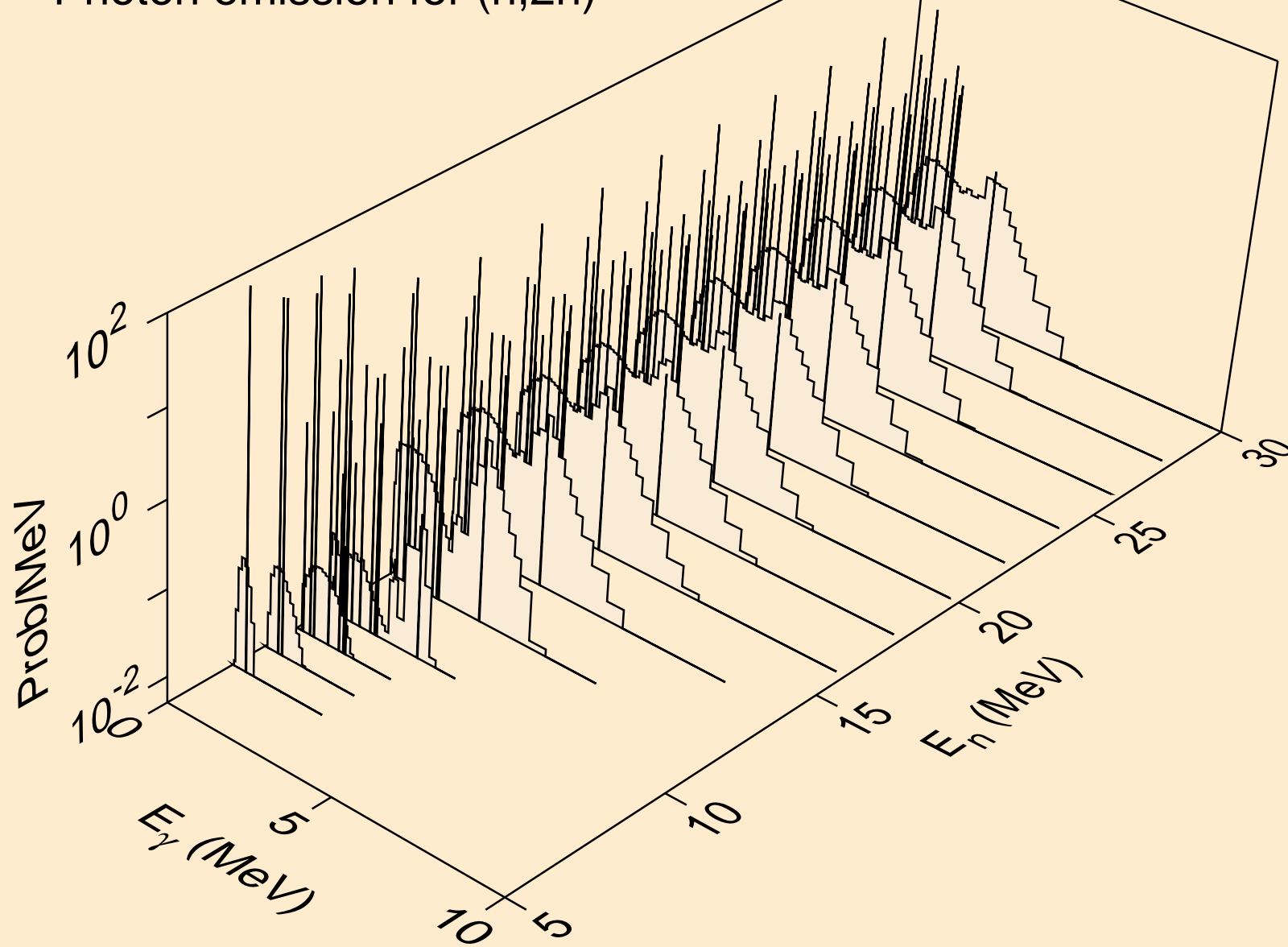
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Photon emission for (n,x)



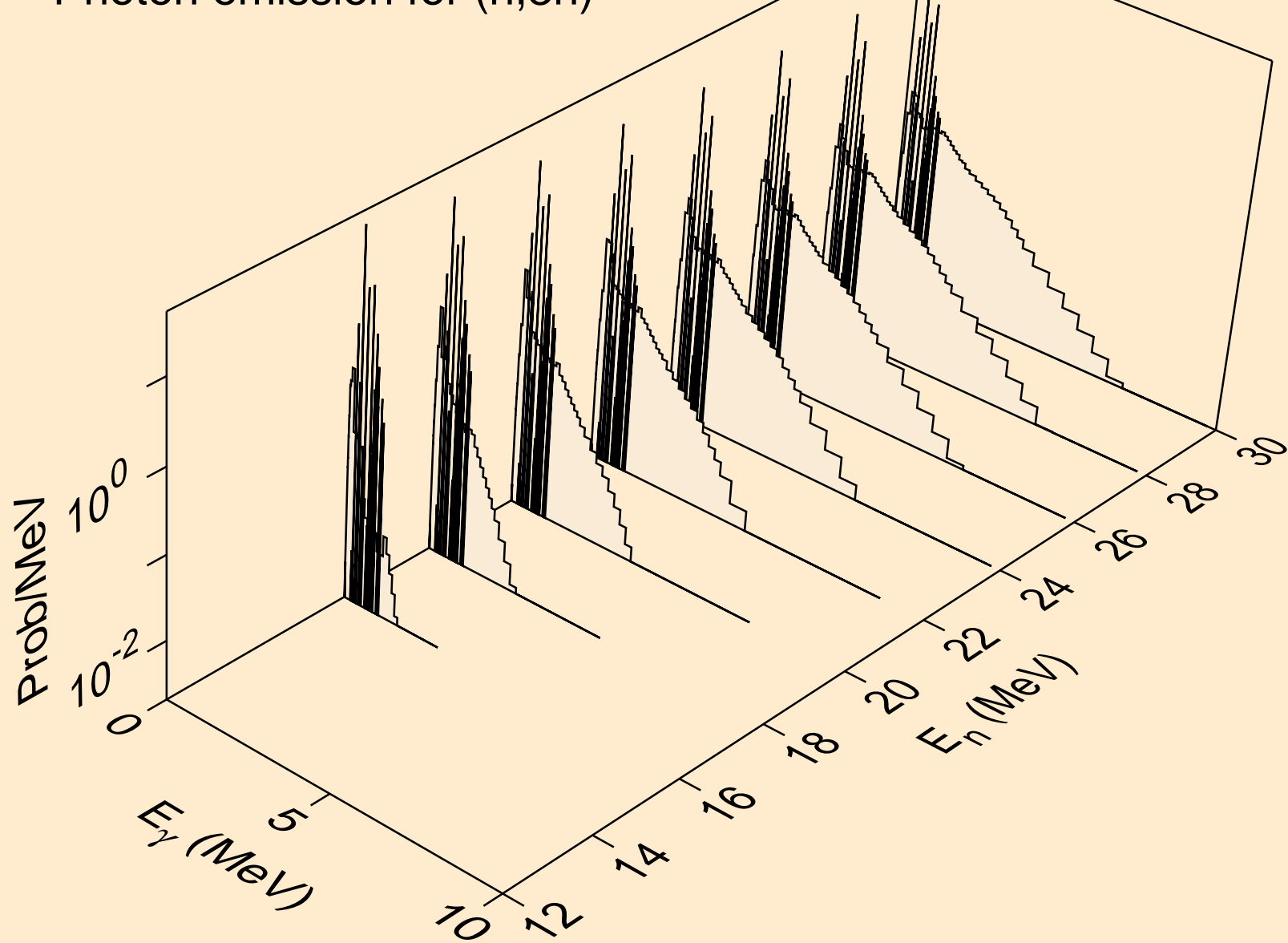
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Photon emission for (n,2nd)



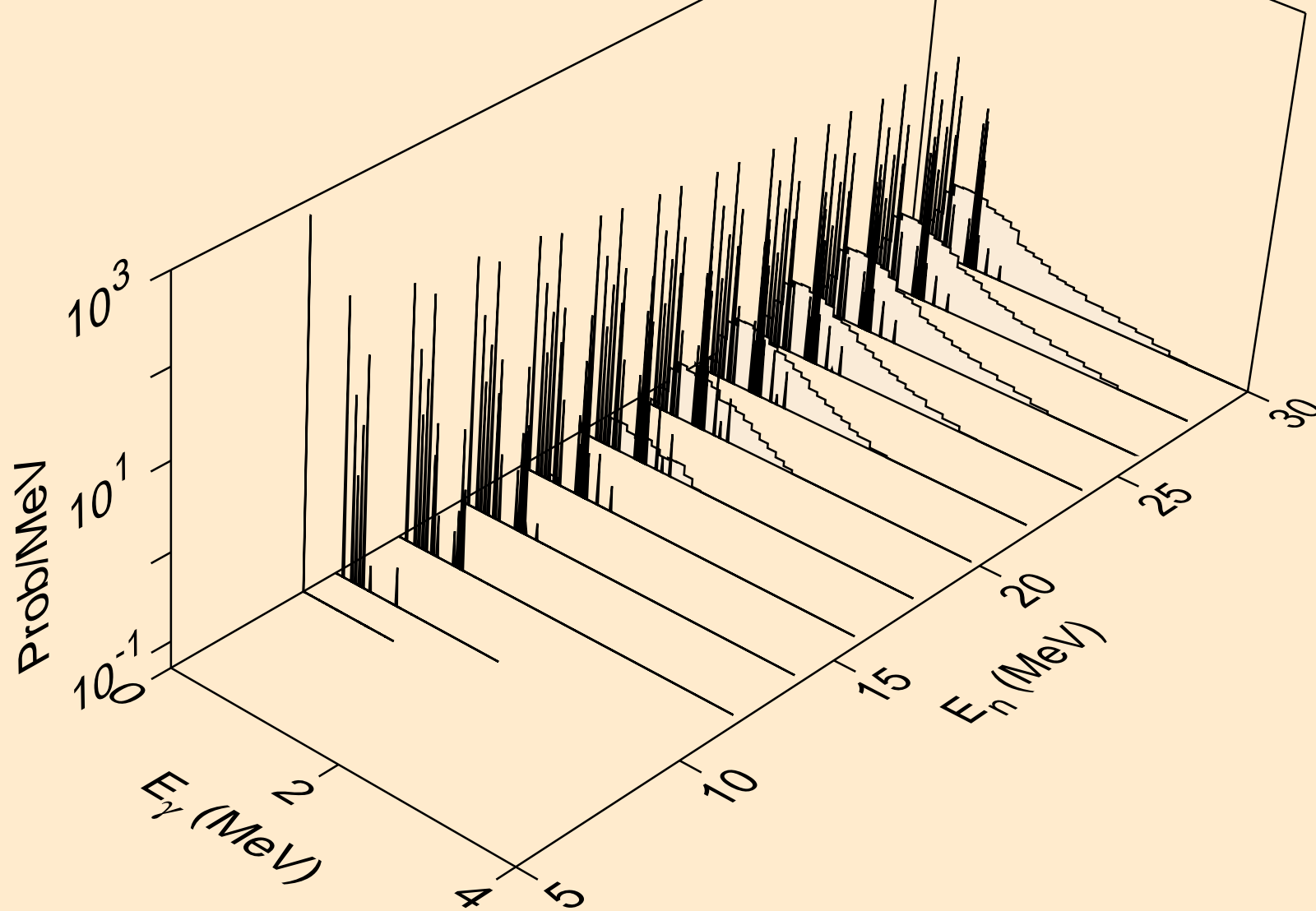
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Photon emission for (n,2n)



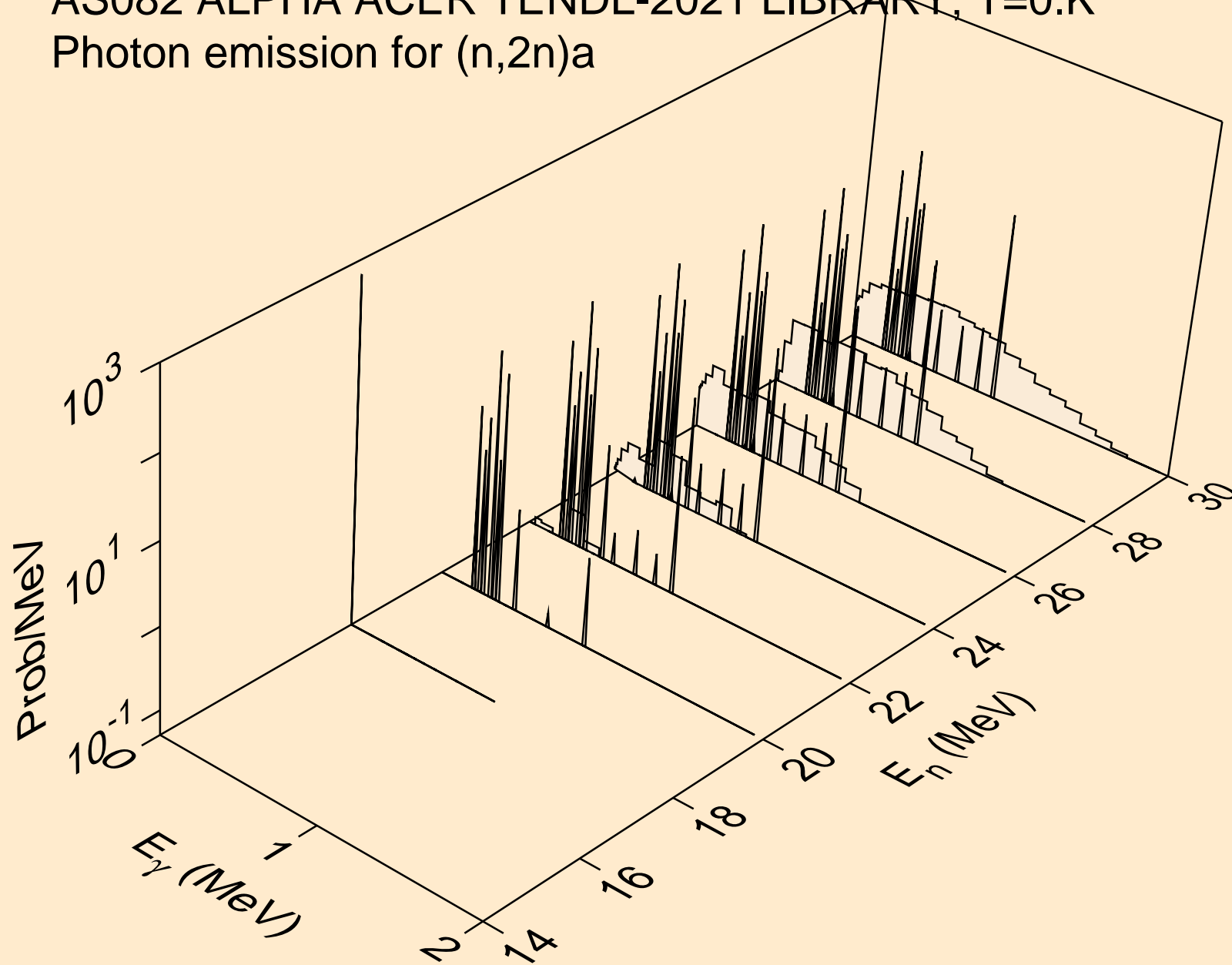
AS082 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



AS082 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

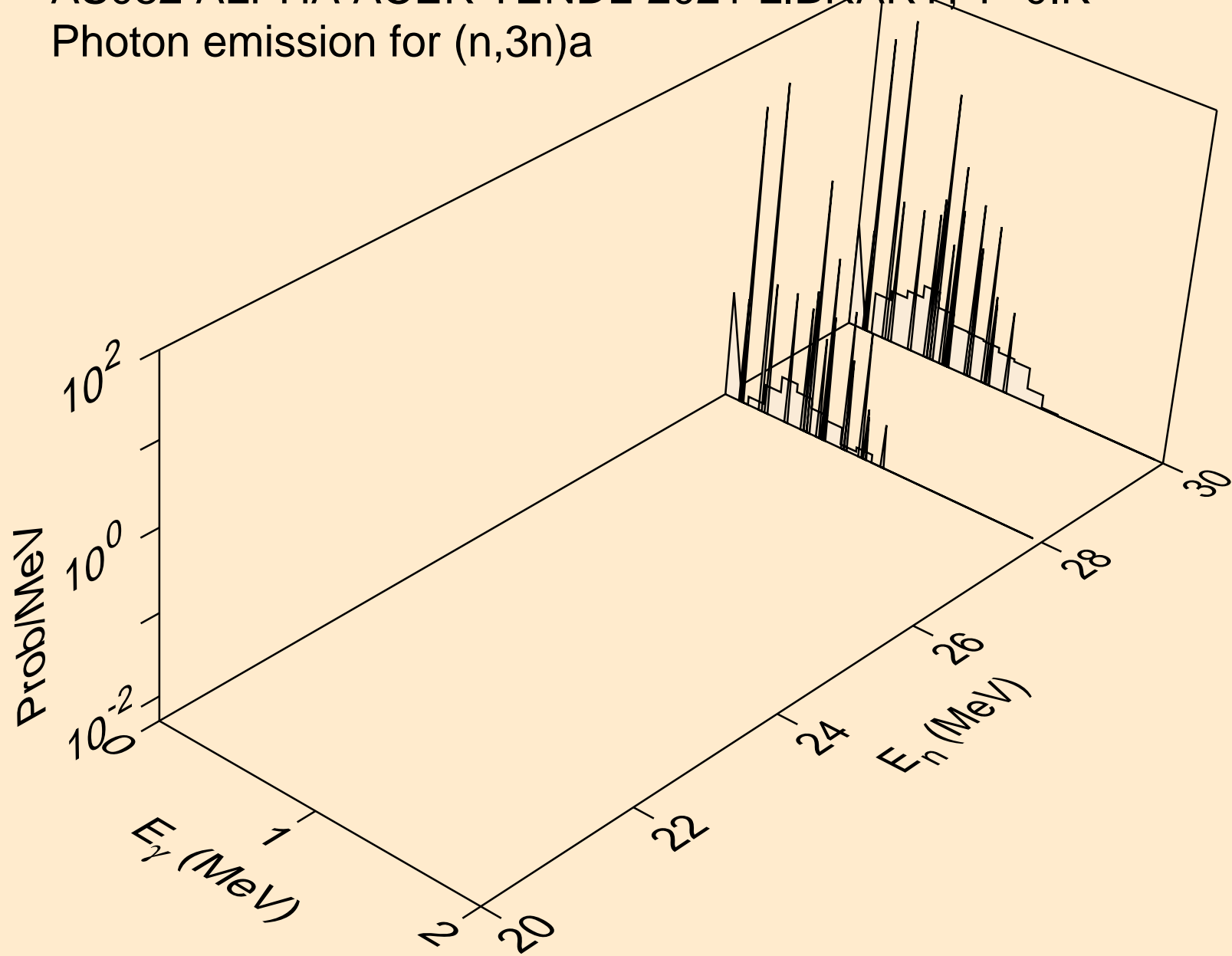


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Photon emission for (n,2n)a

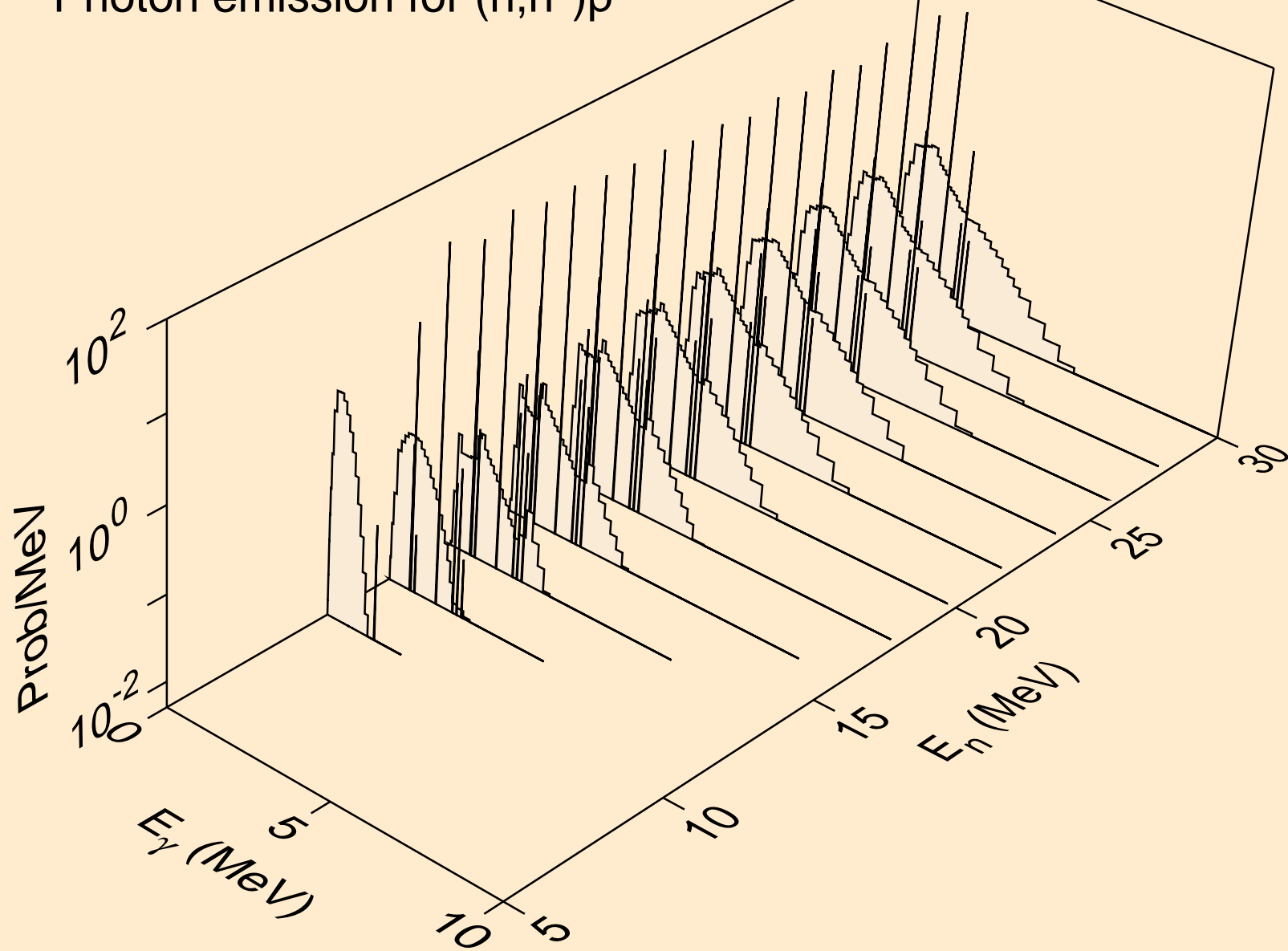




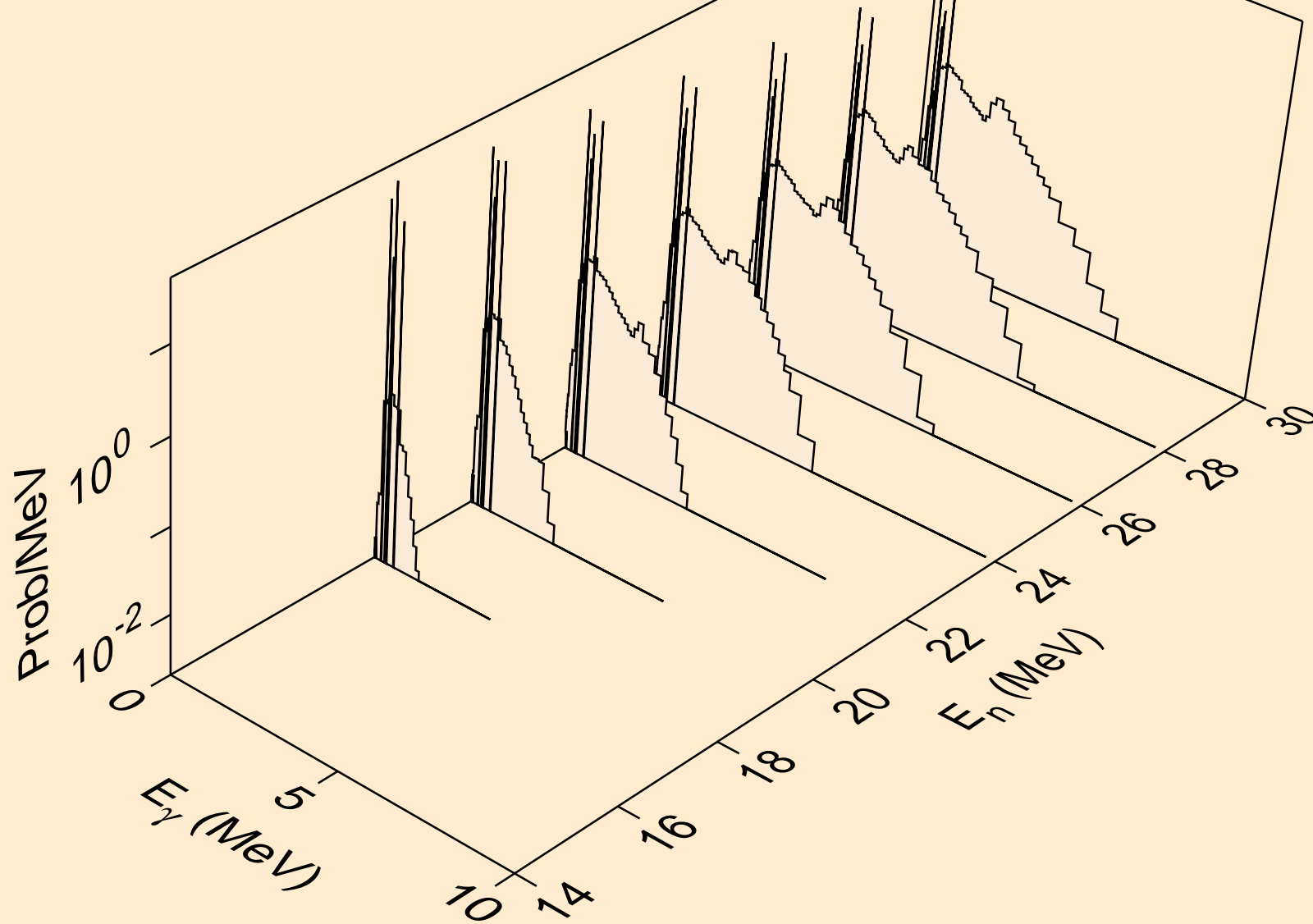
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Photon emission for (n,3n)a



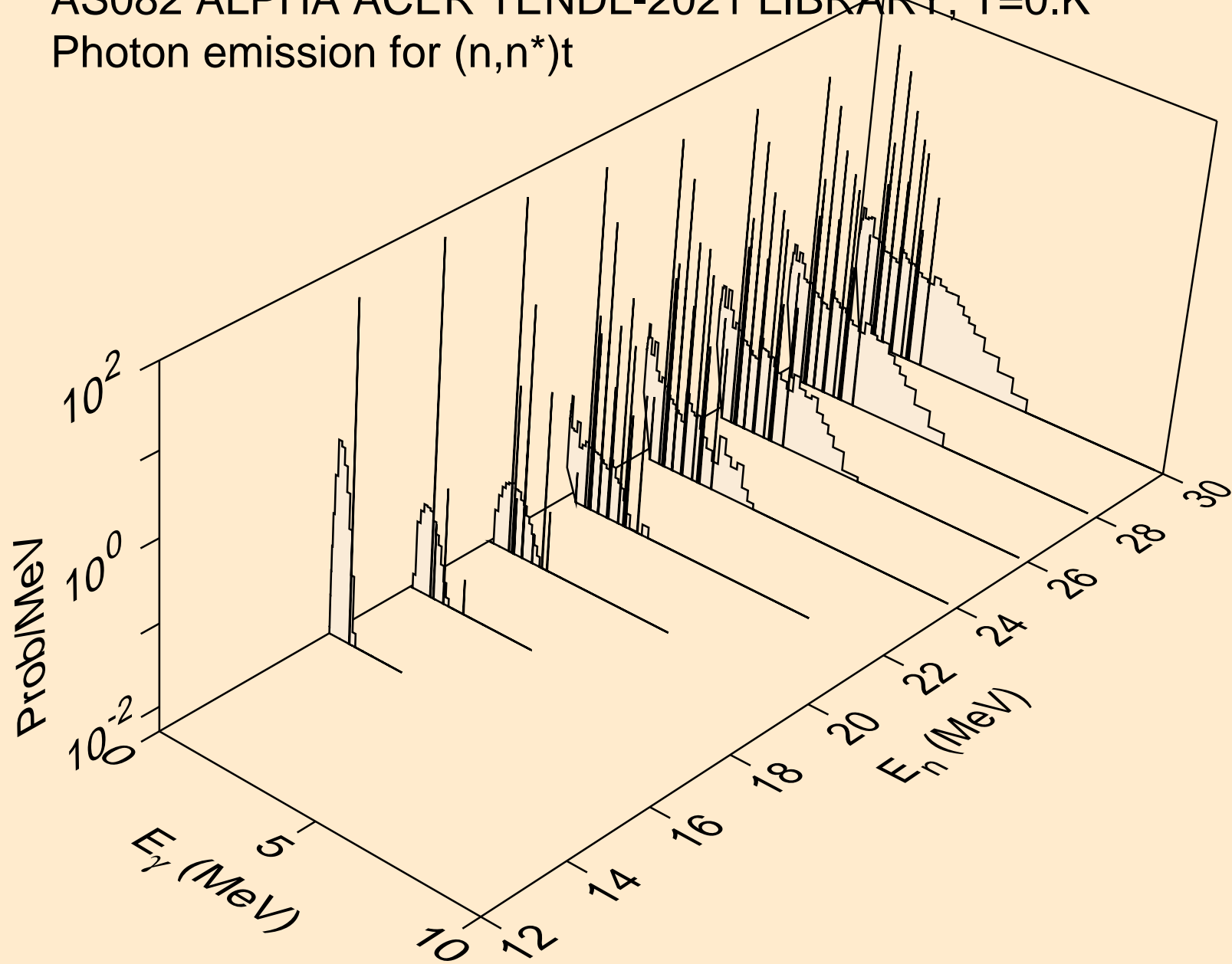
AS082 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



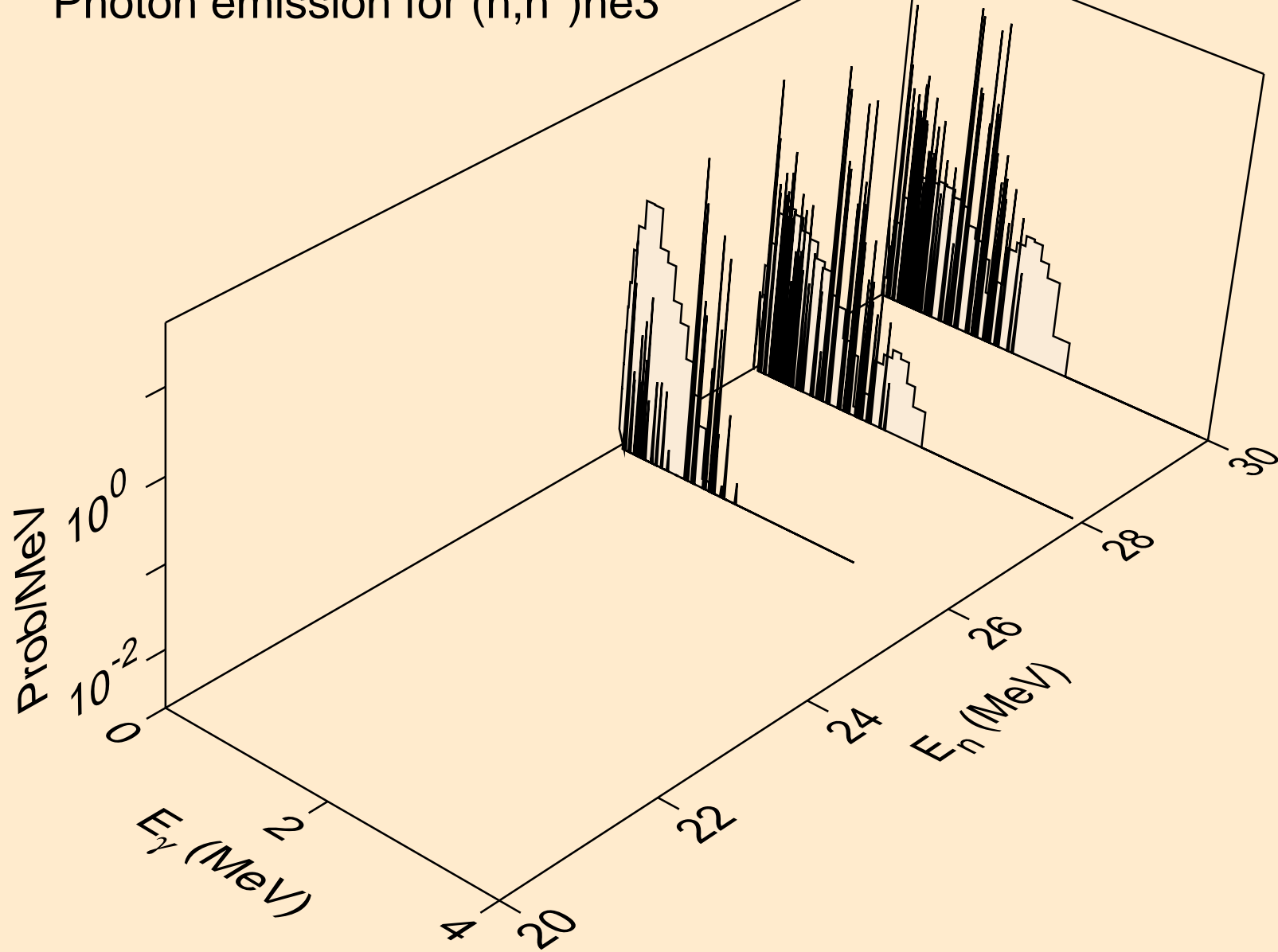
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Photon emission for (n,n\*)d



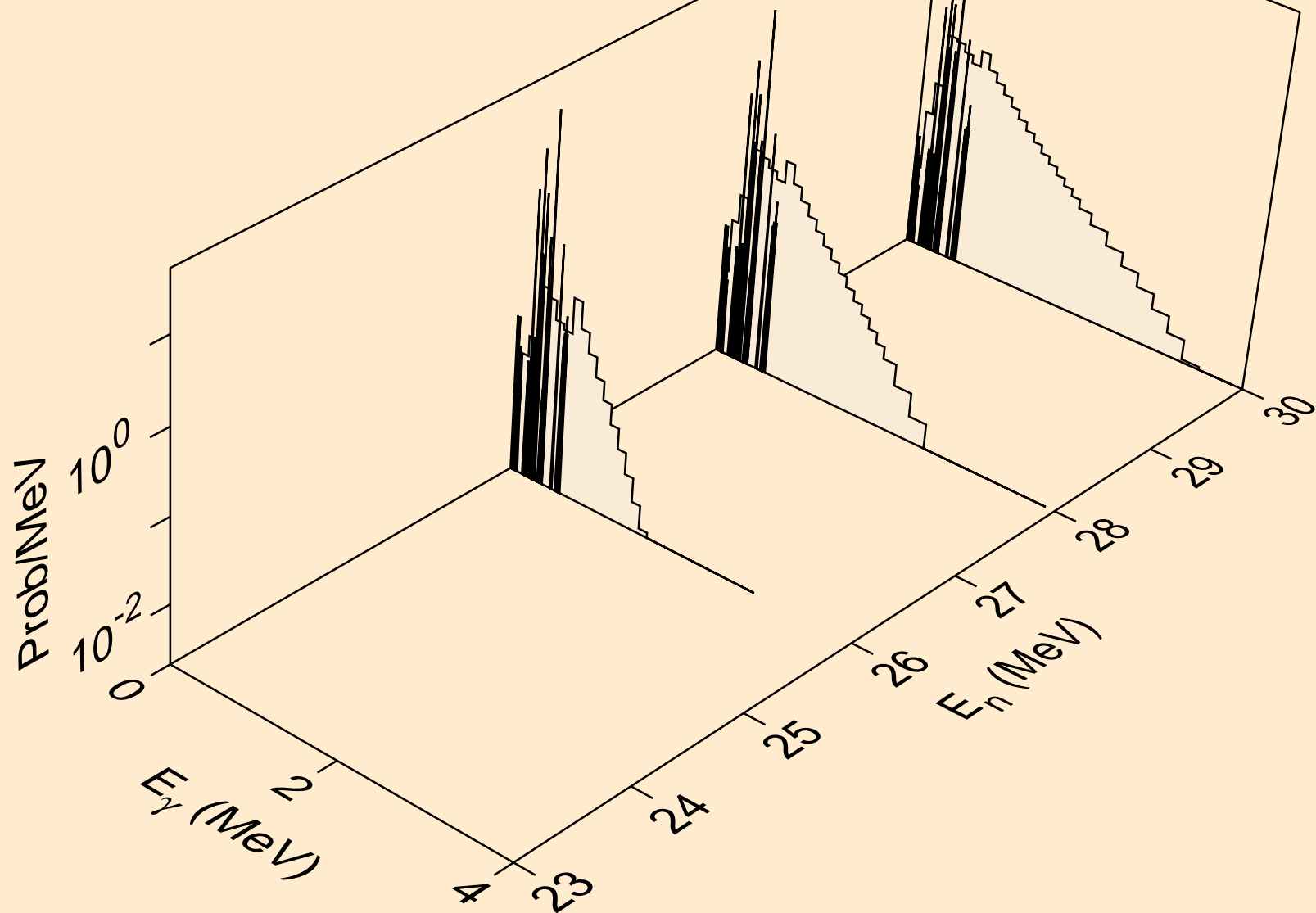
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Photon emission for (n,n\*)t



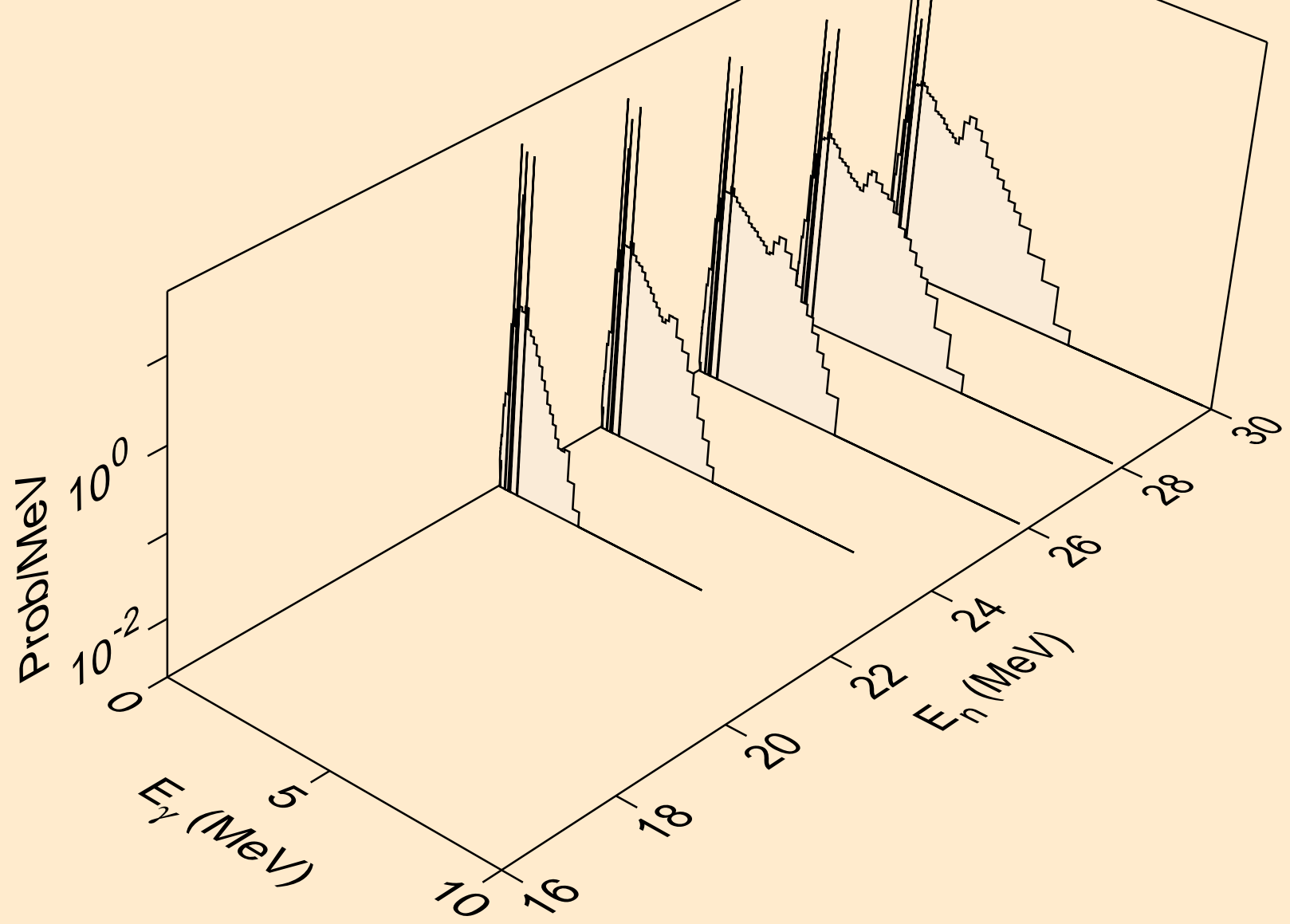
AS082 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



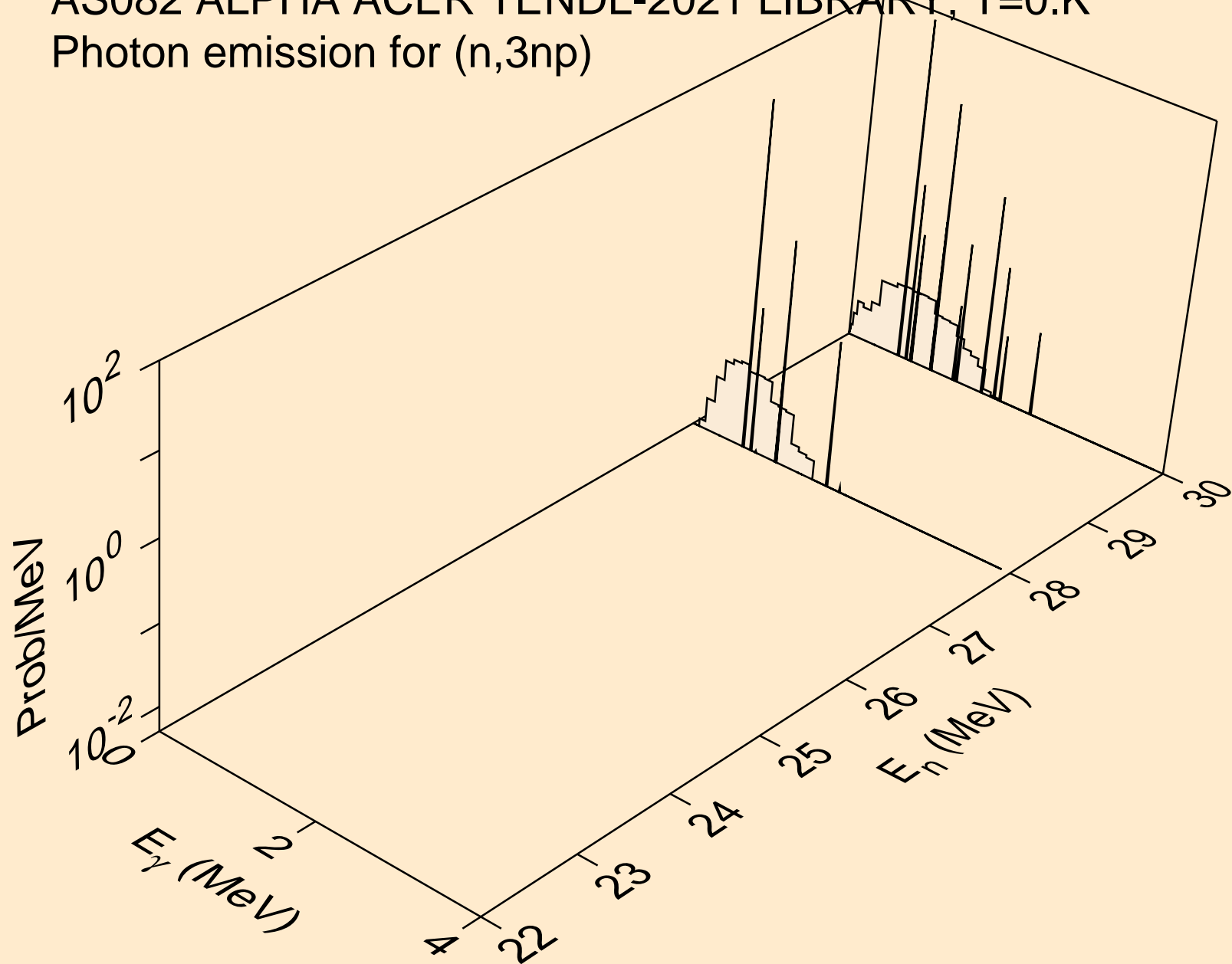
AS082 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,4n)



AS082 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)

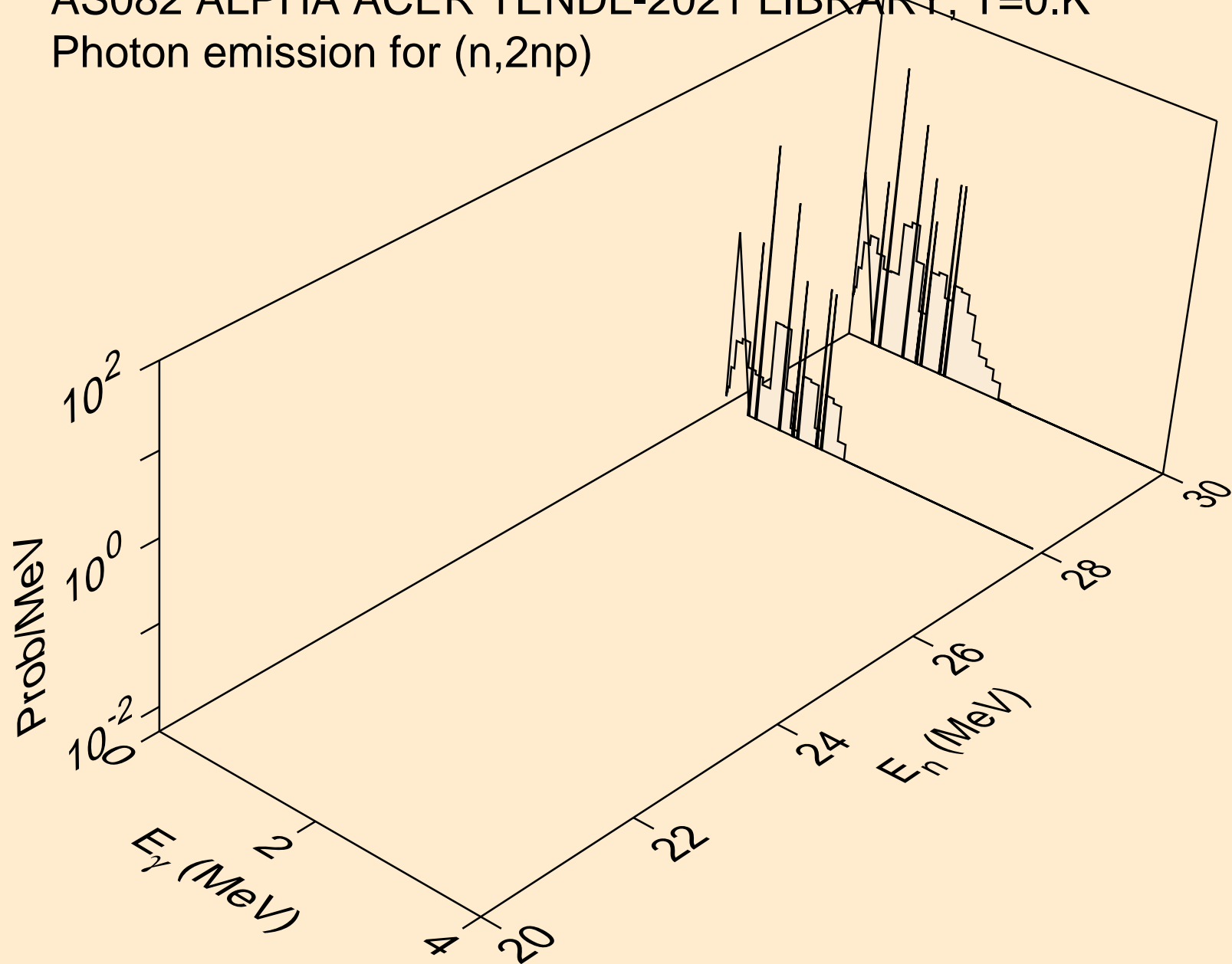


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Photon emission for (n,3np)

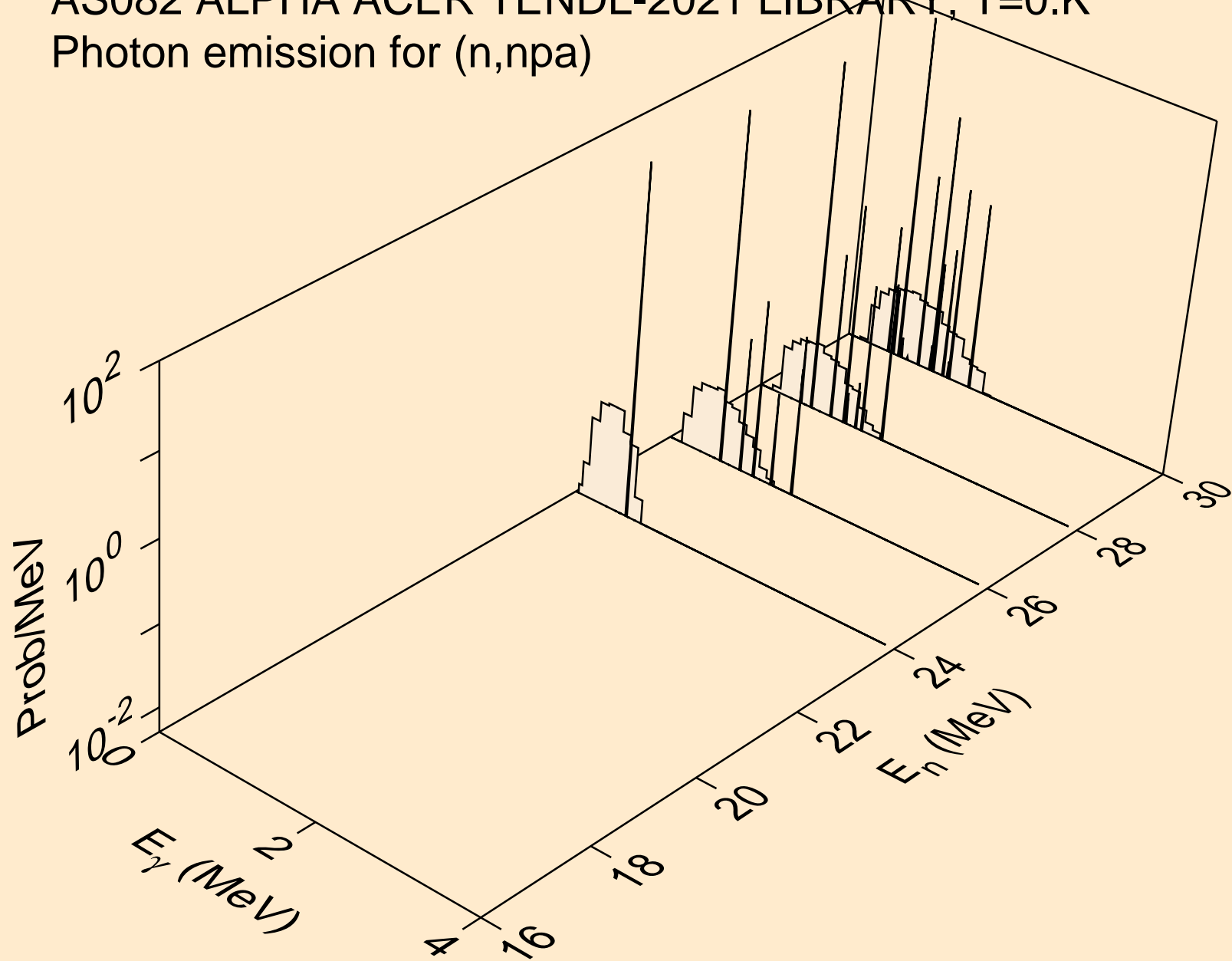




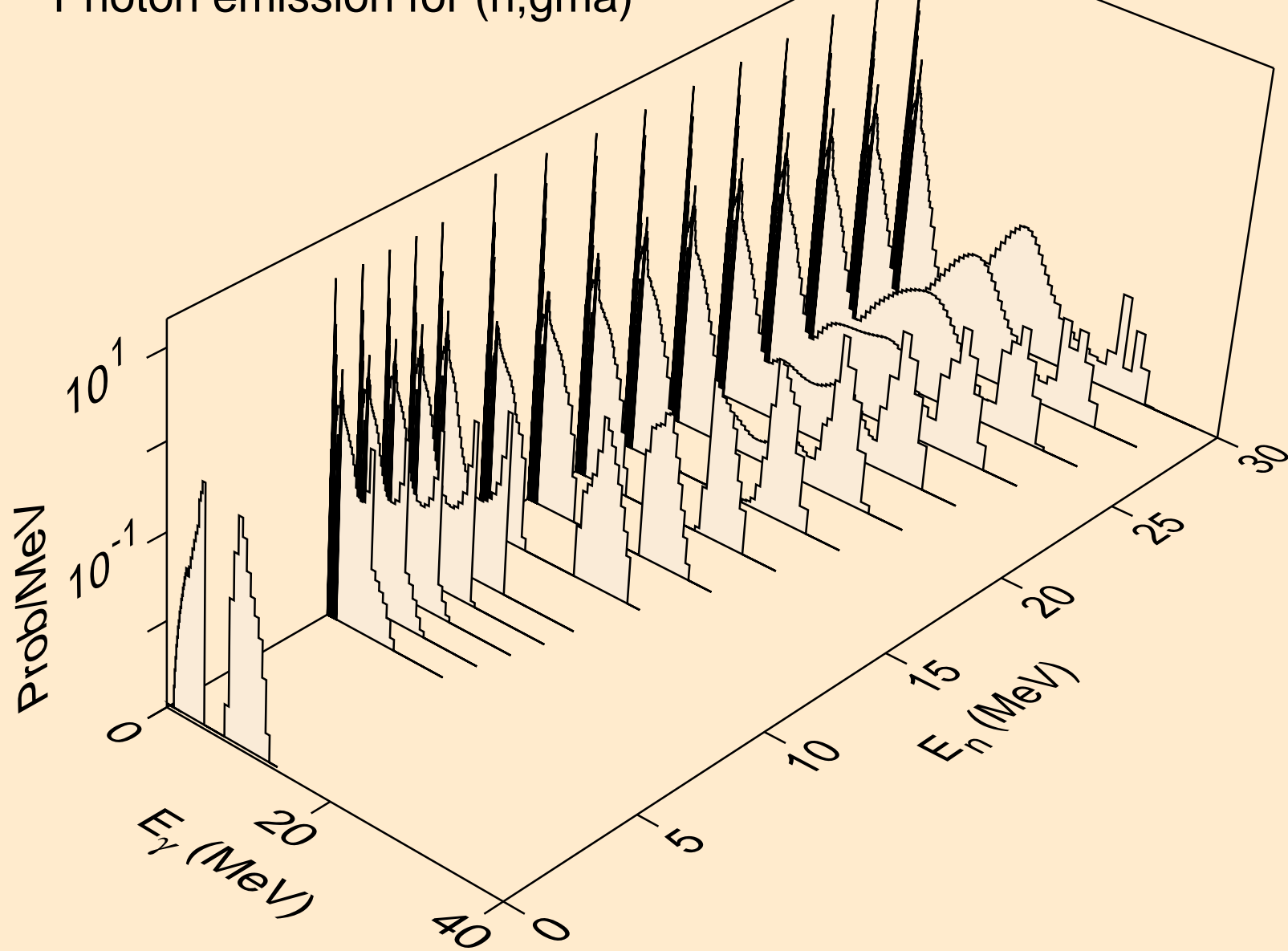
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Photon emission for (n,2np)



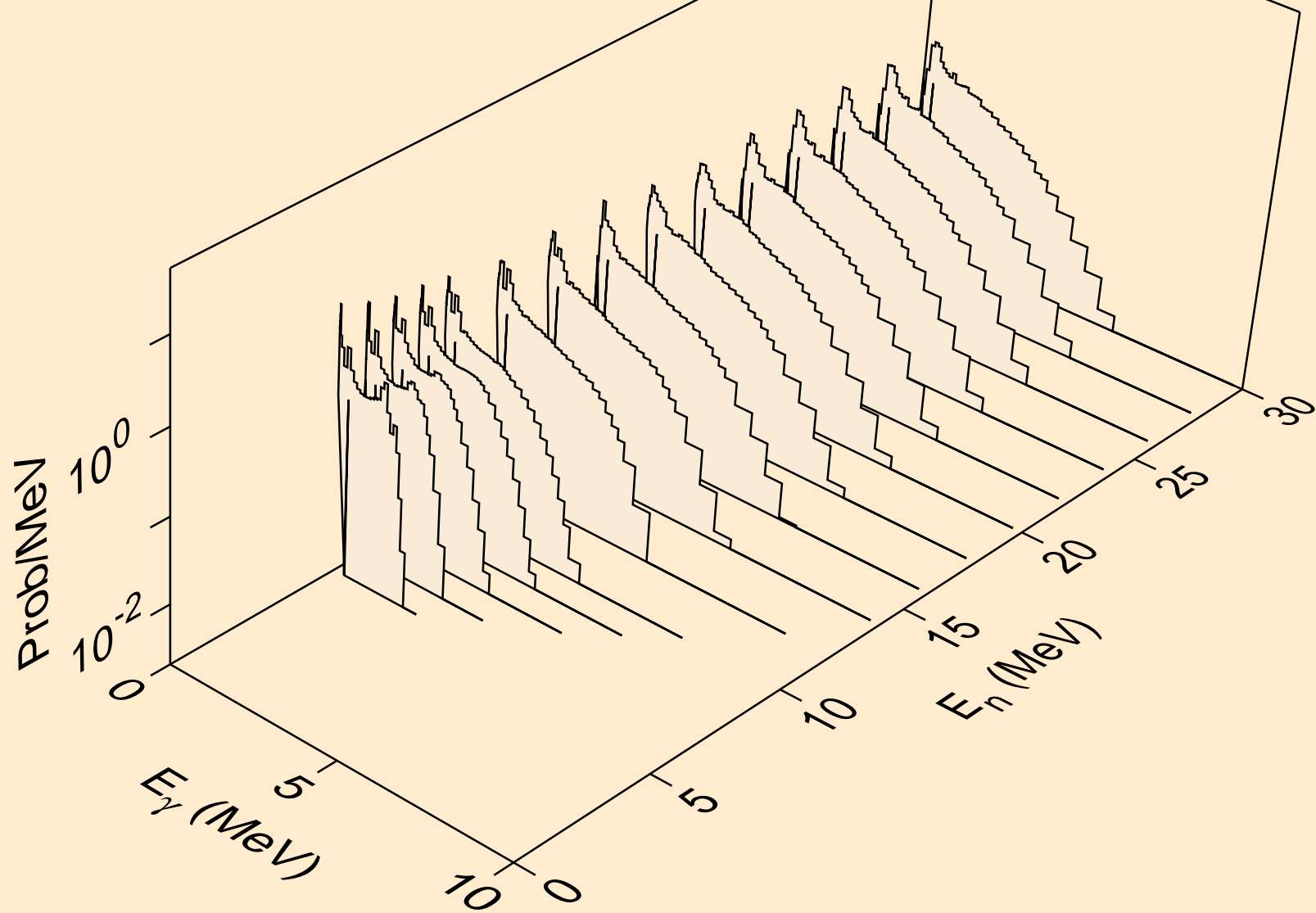
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Photon emission for (n,npa)



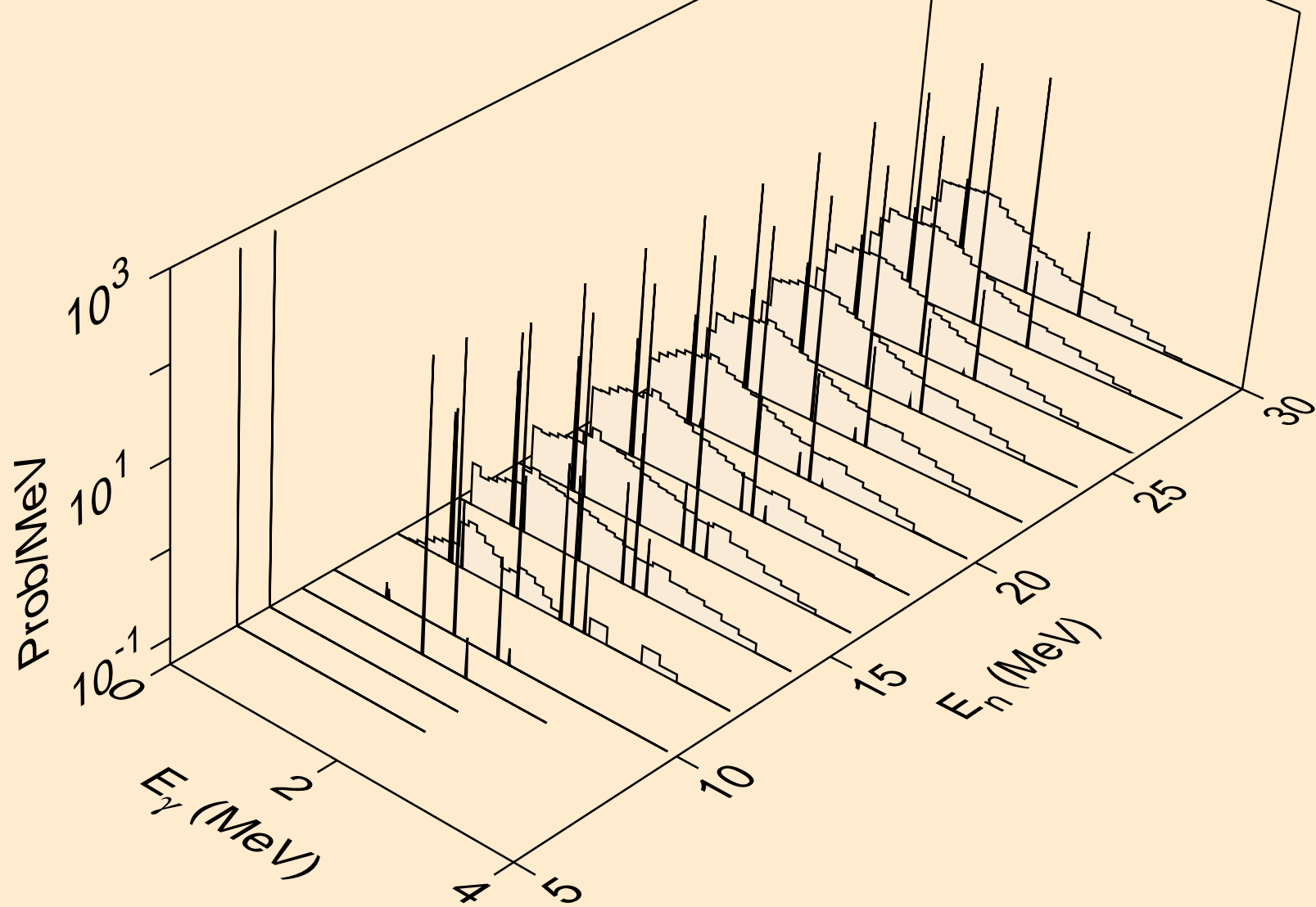
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Photon emission for (n,gma)



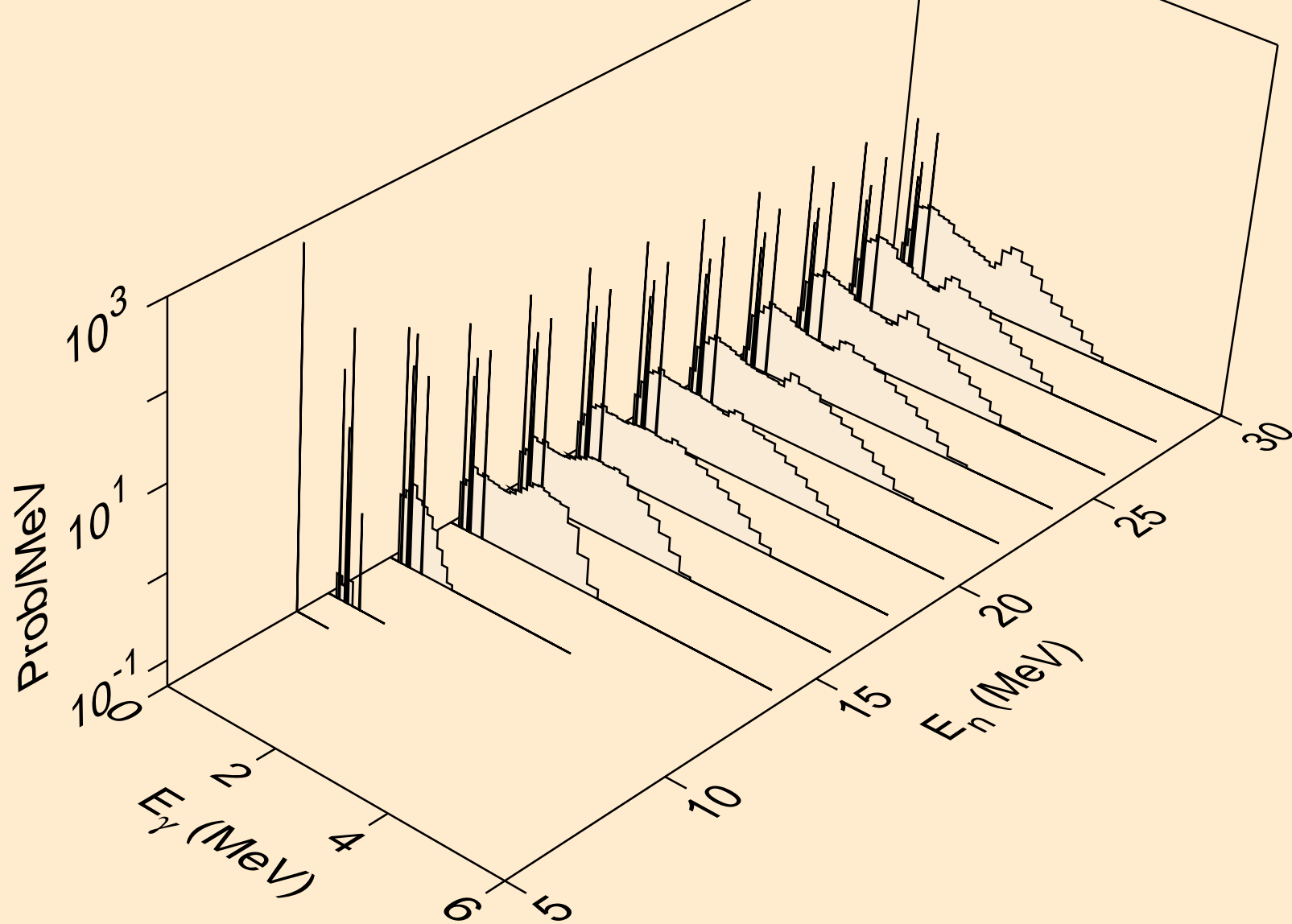
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Photon emission for (n,p)



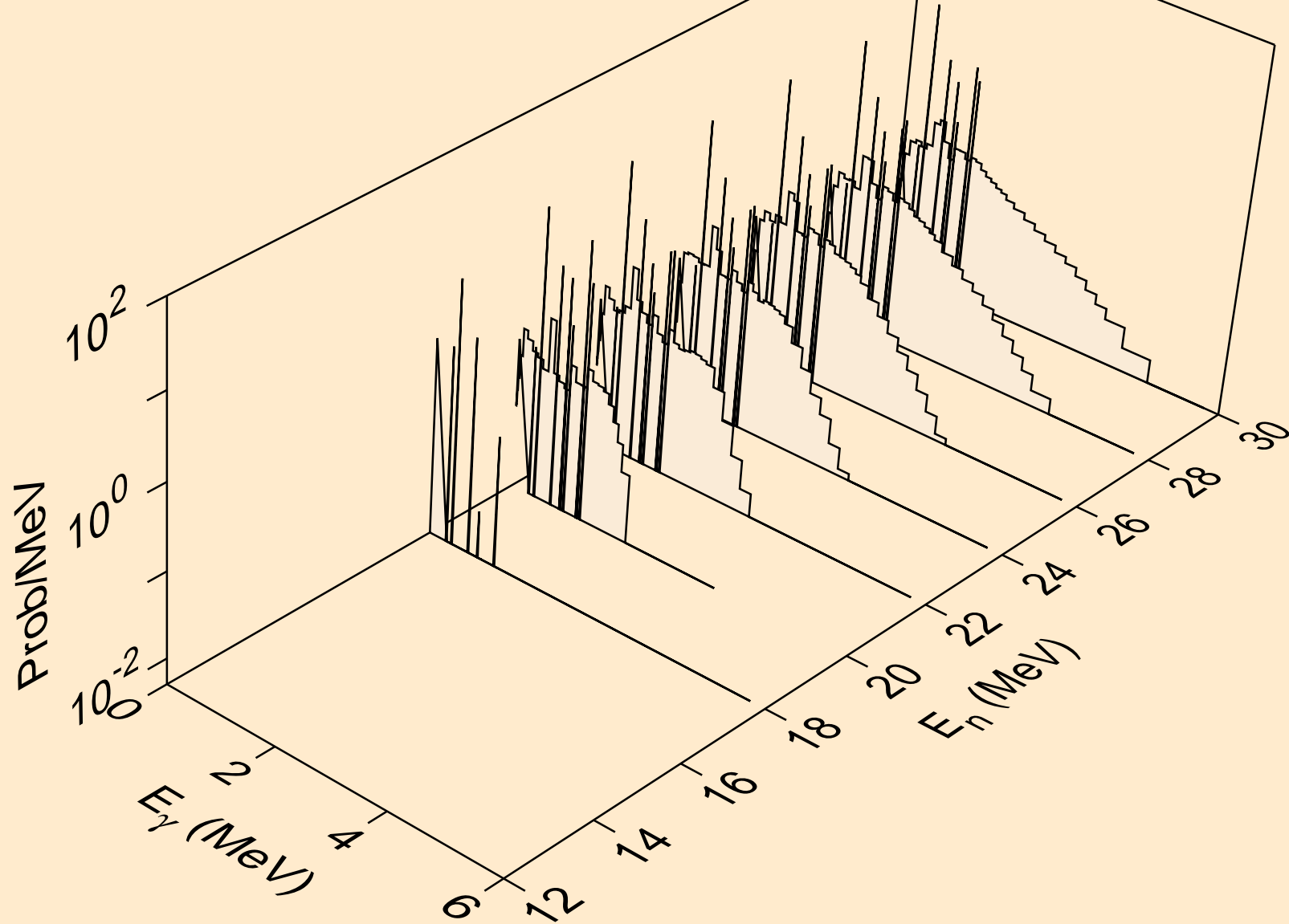
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Photon emission for (n,d)



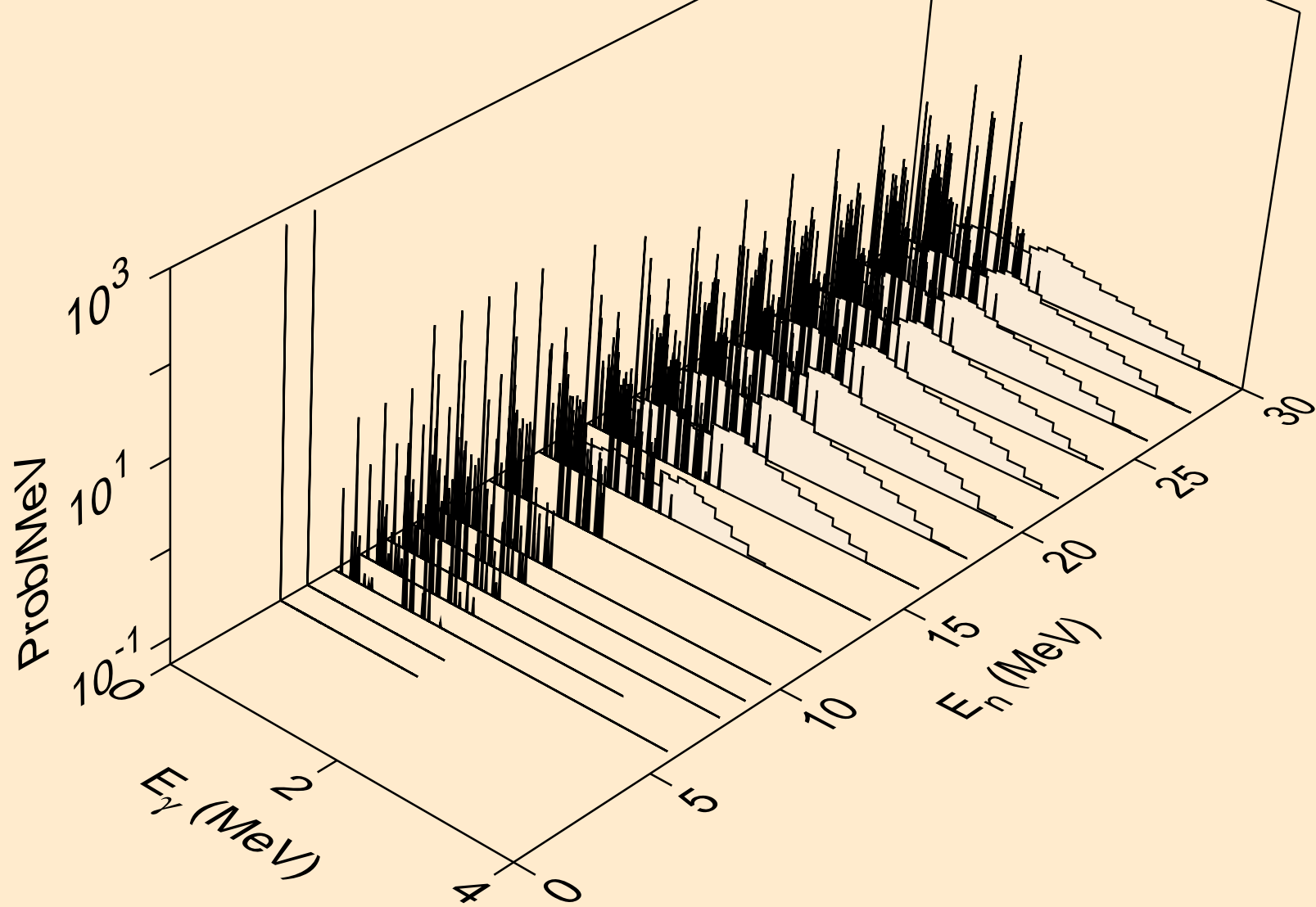
AS082 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)



AS082 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,he3)

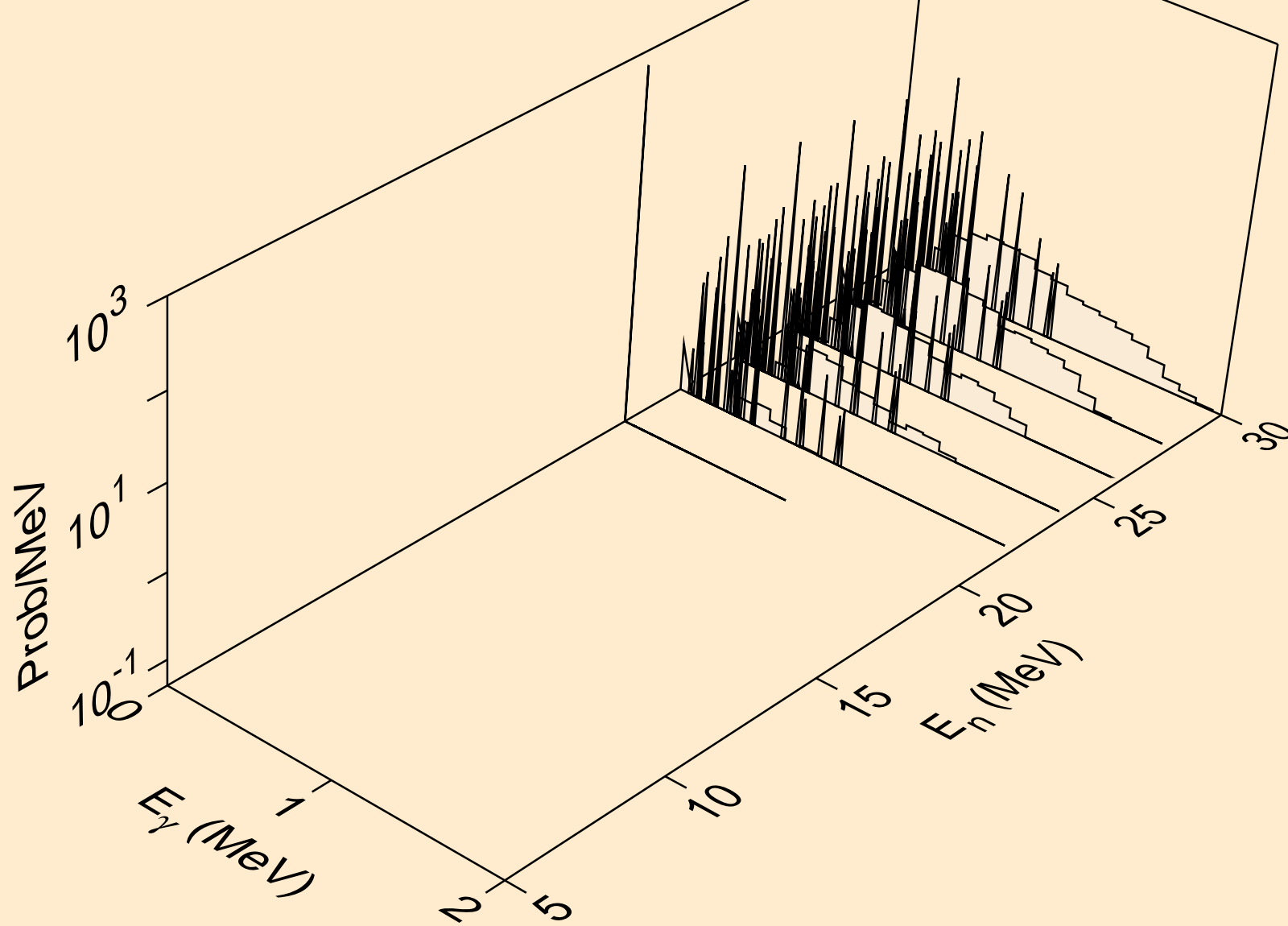


AS082 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic

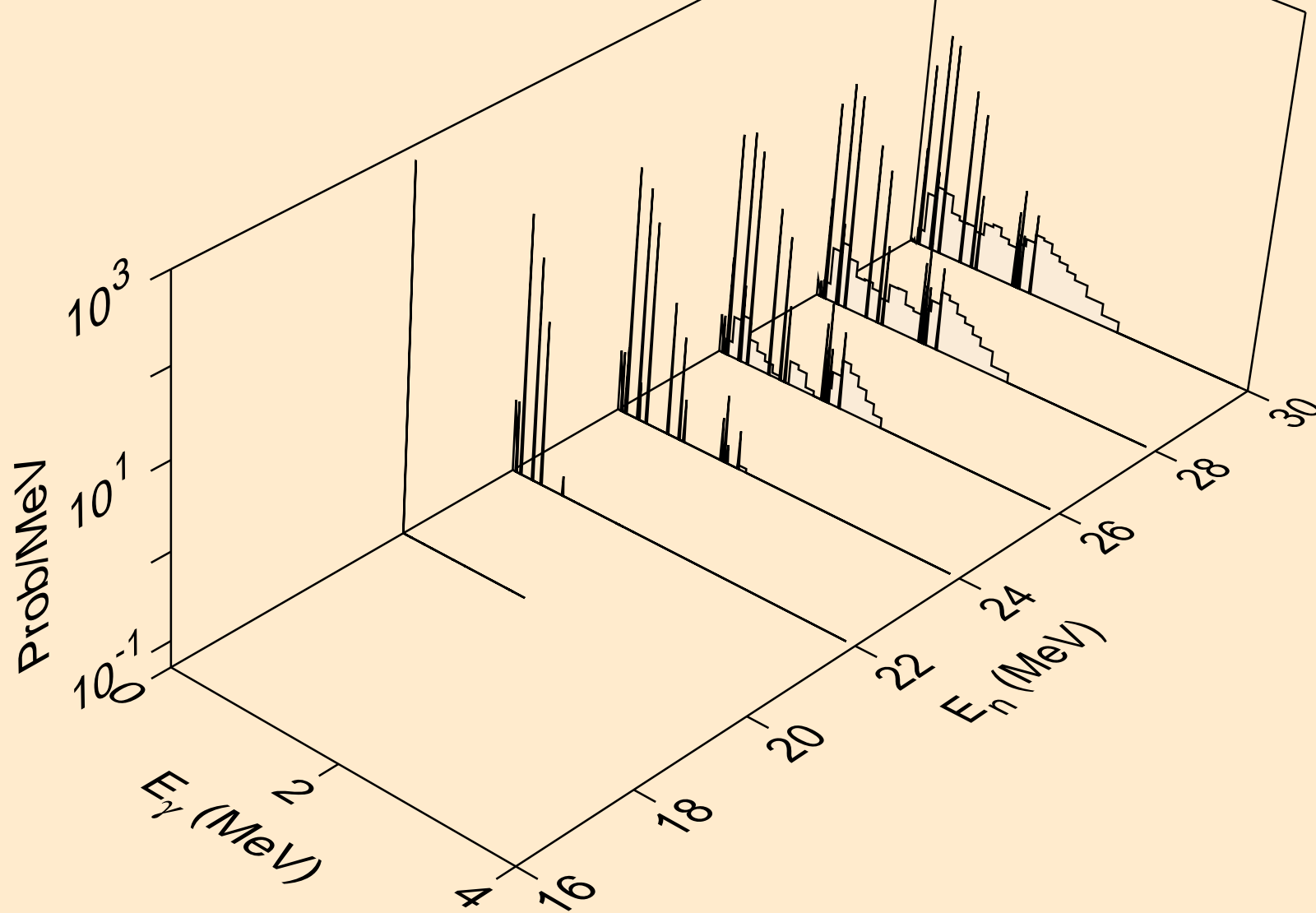




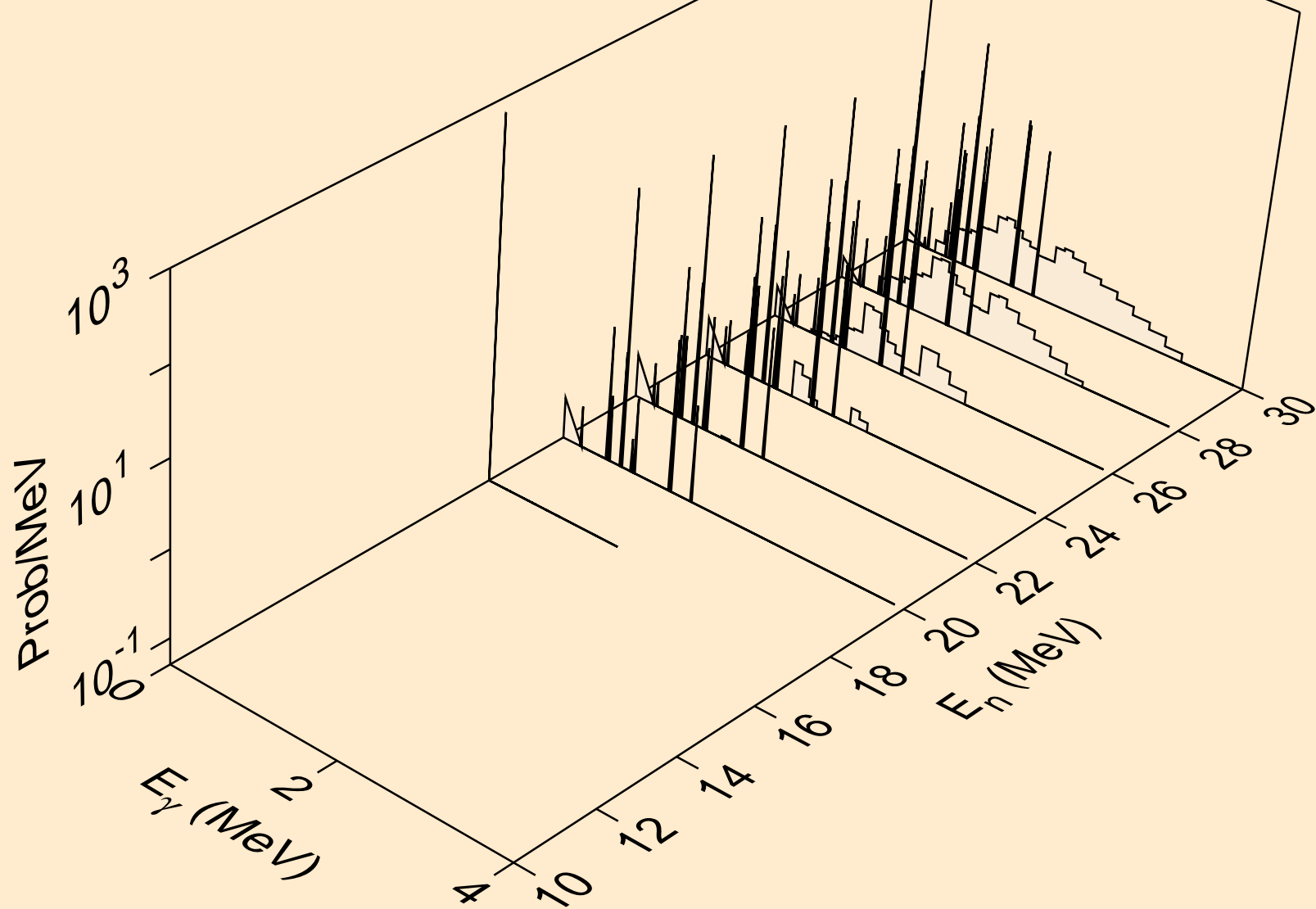
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Photon emission for (n,2a)



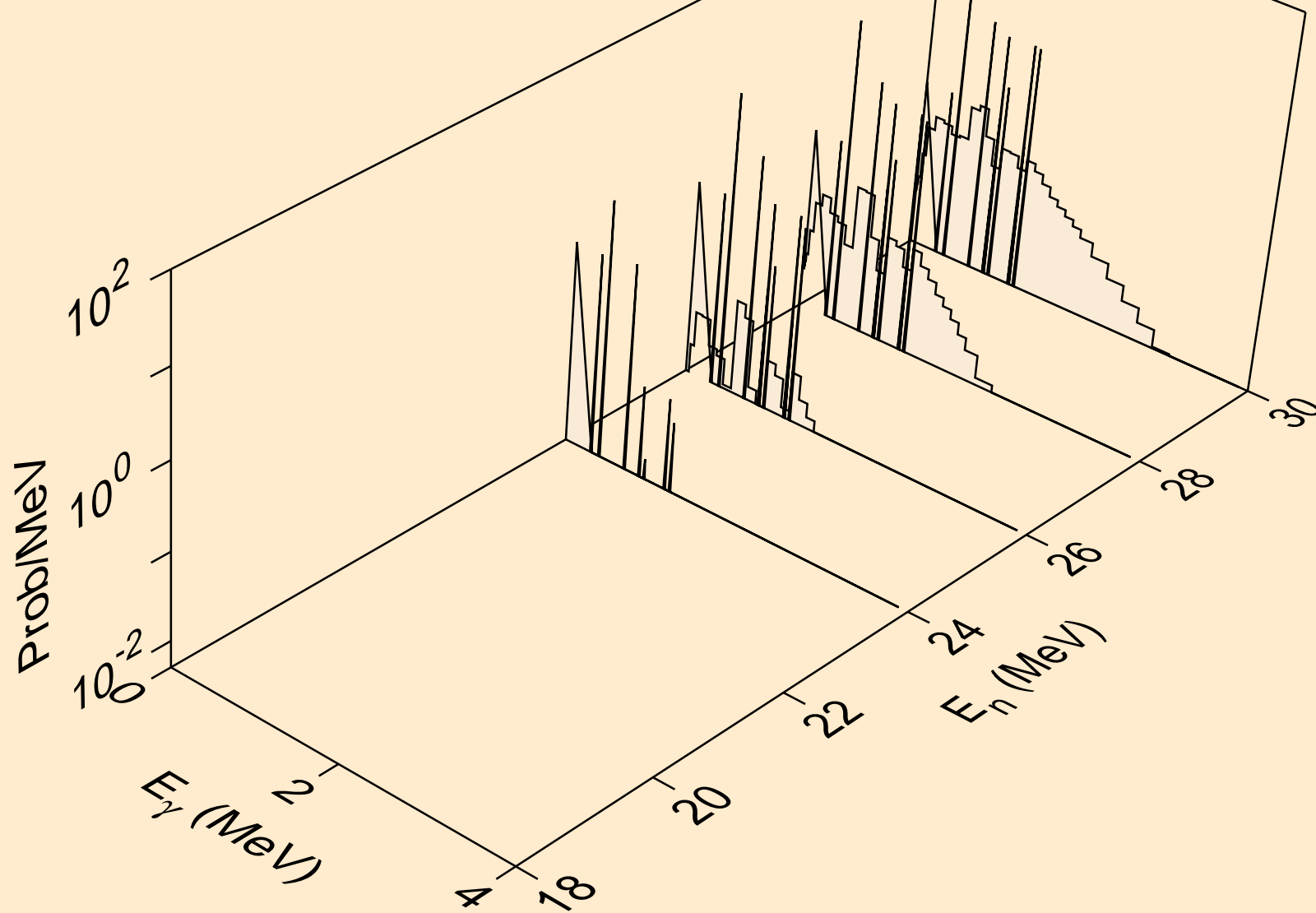
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Photon emission for (n,2p)



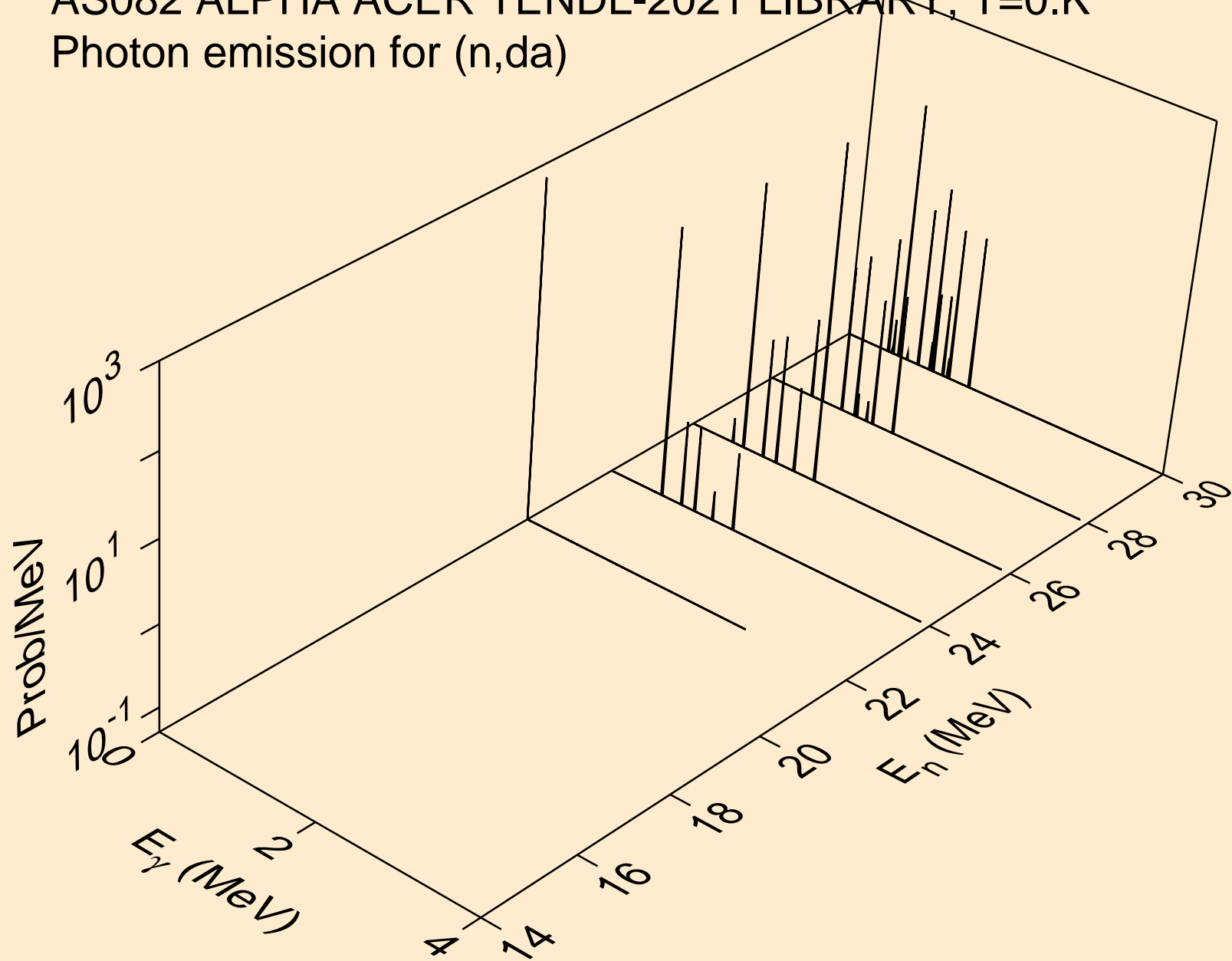
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Photon emission for (n,pa)



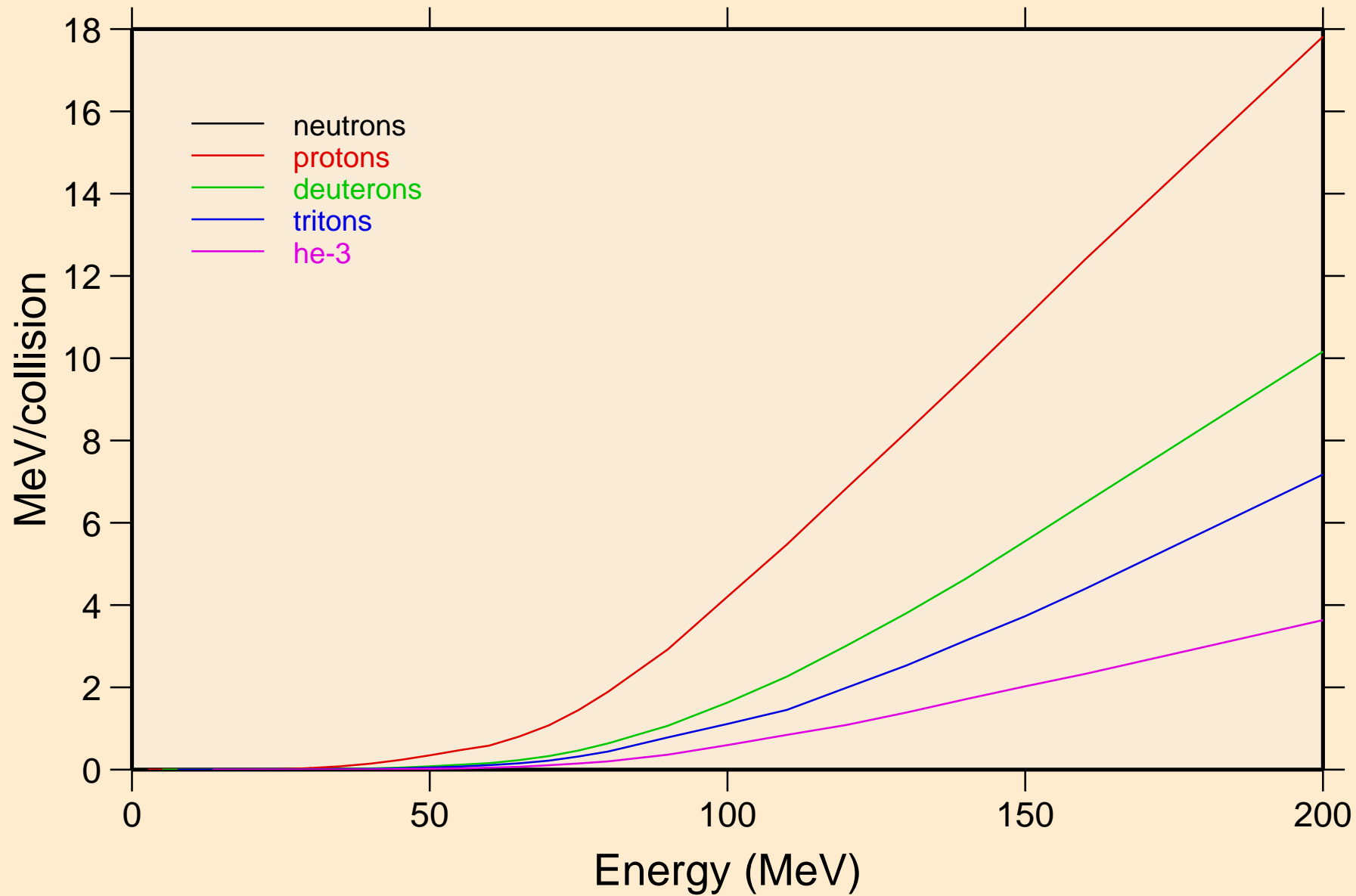
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Photon emission for (n,pd)



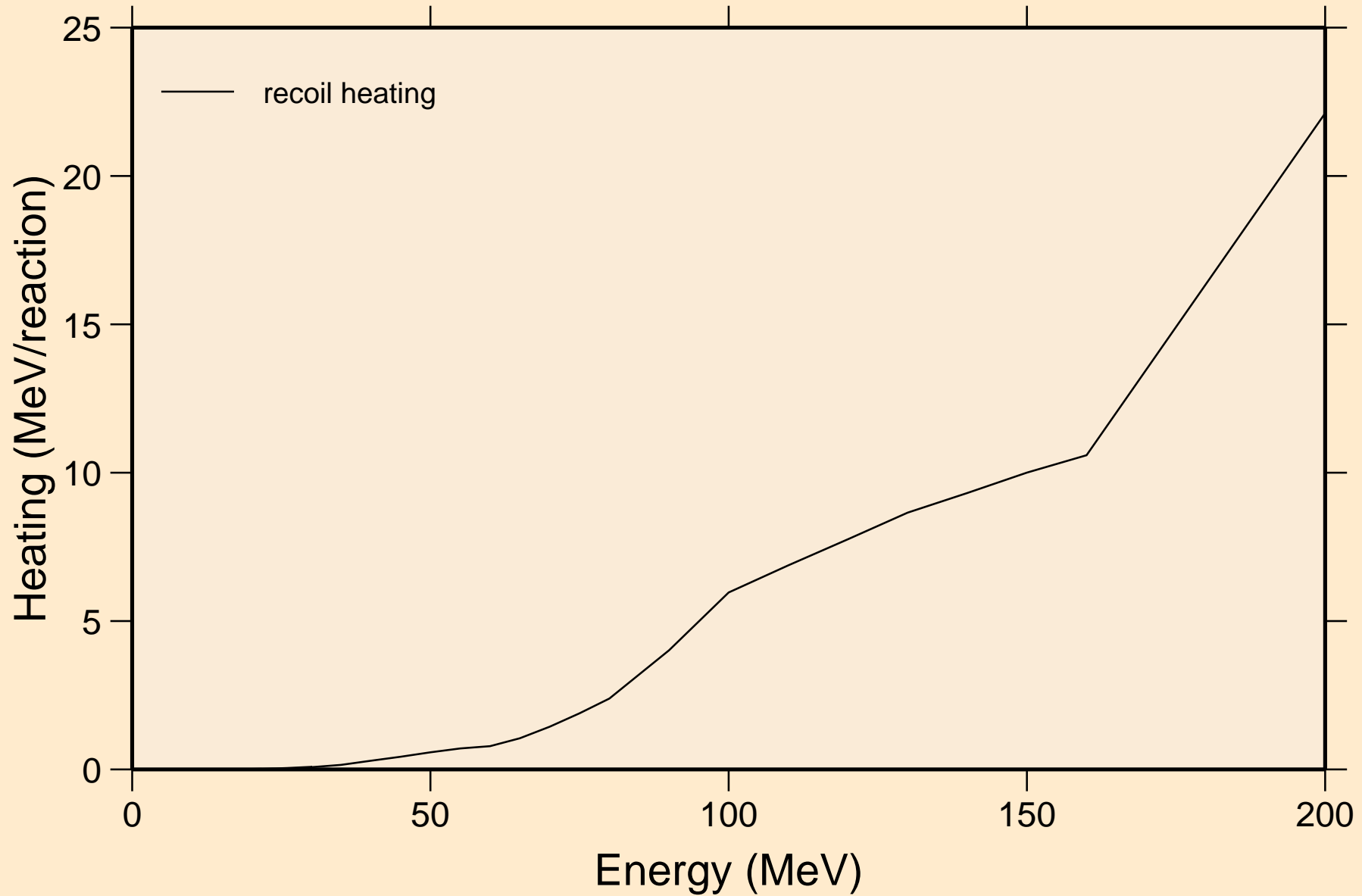
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Photon emission for (n,da)



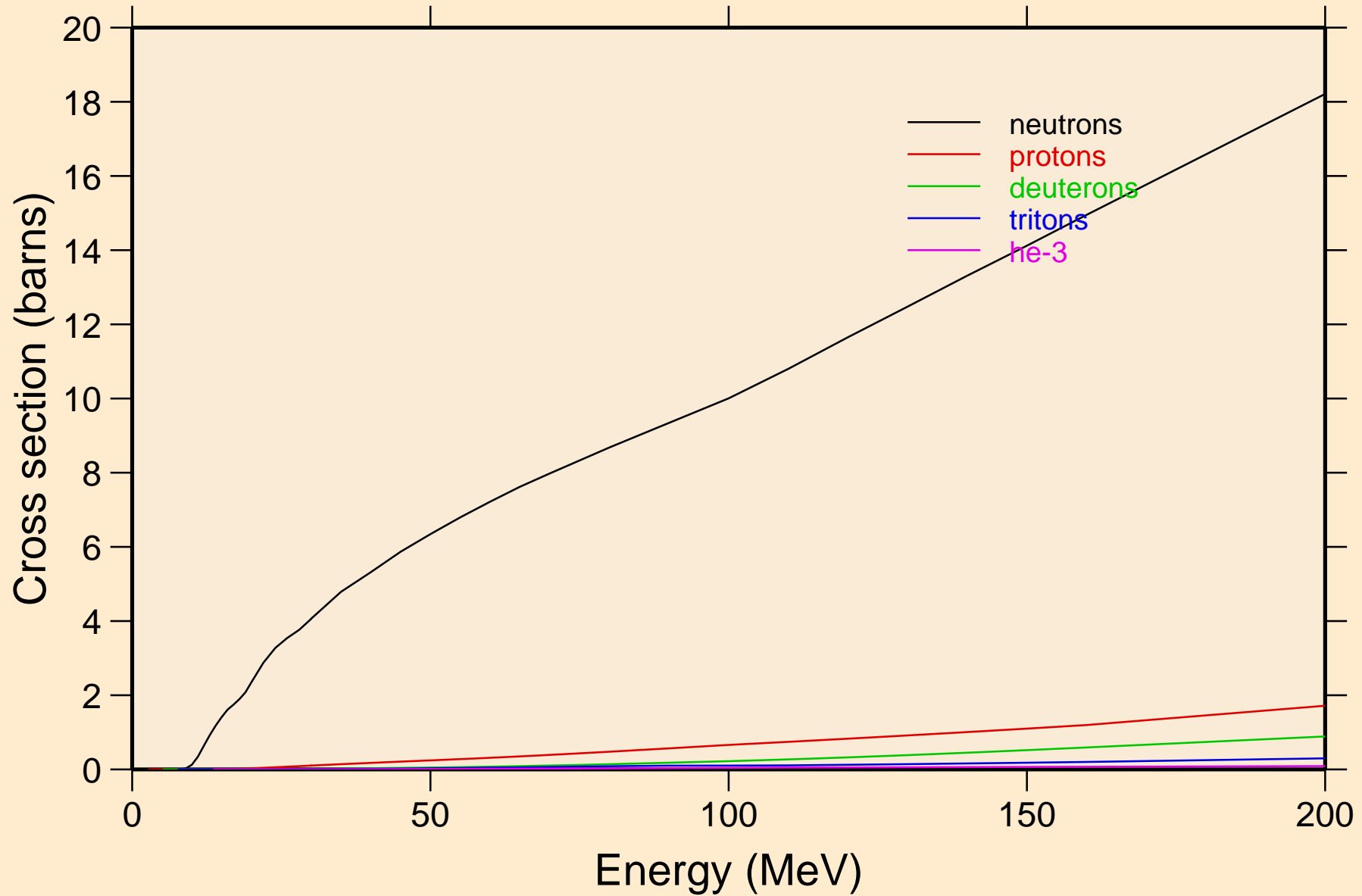
AS082 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Particle heating contributions



AS082 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating

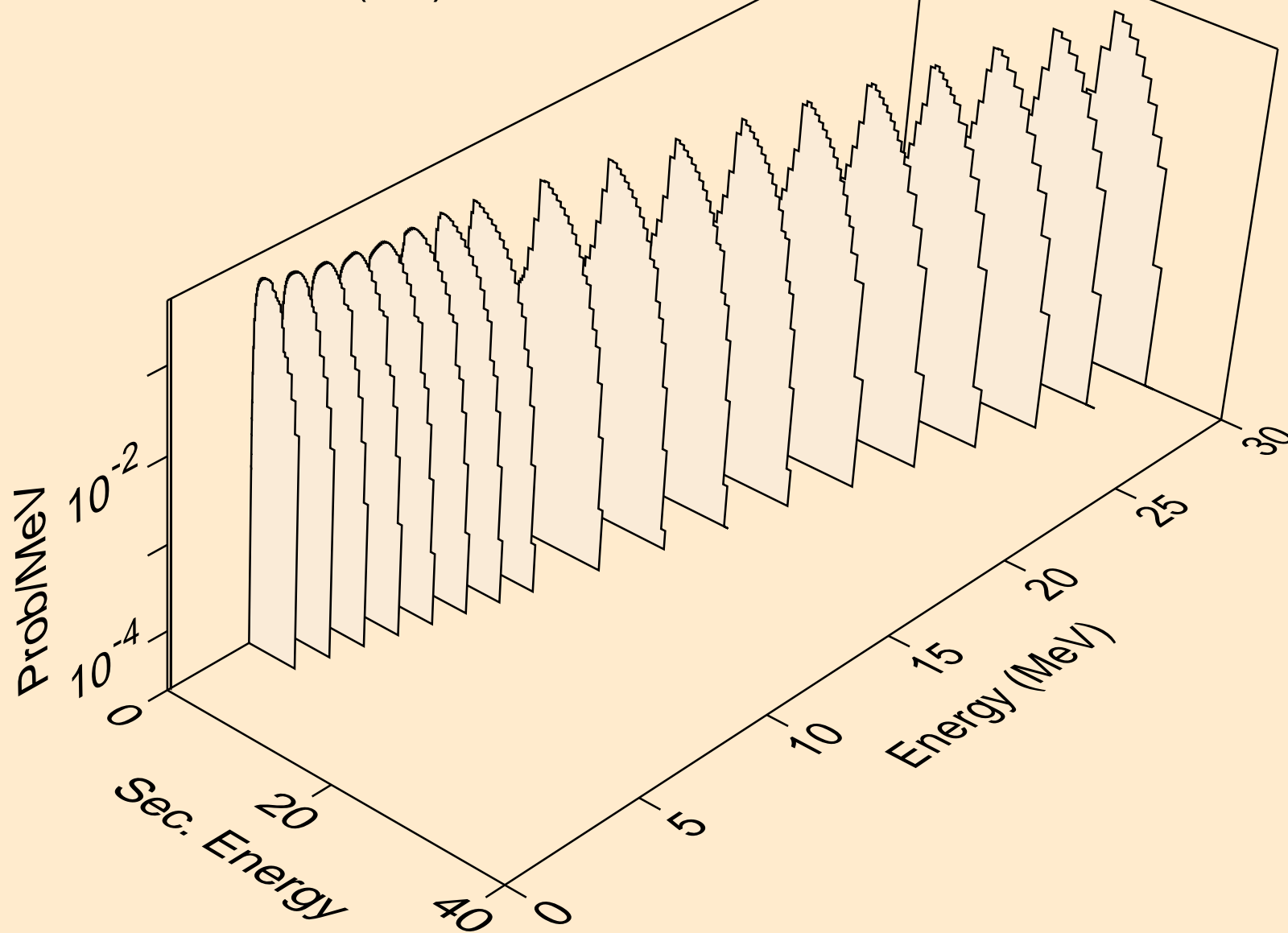


AS082 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections

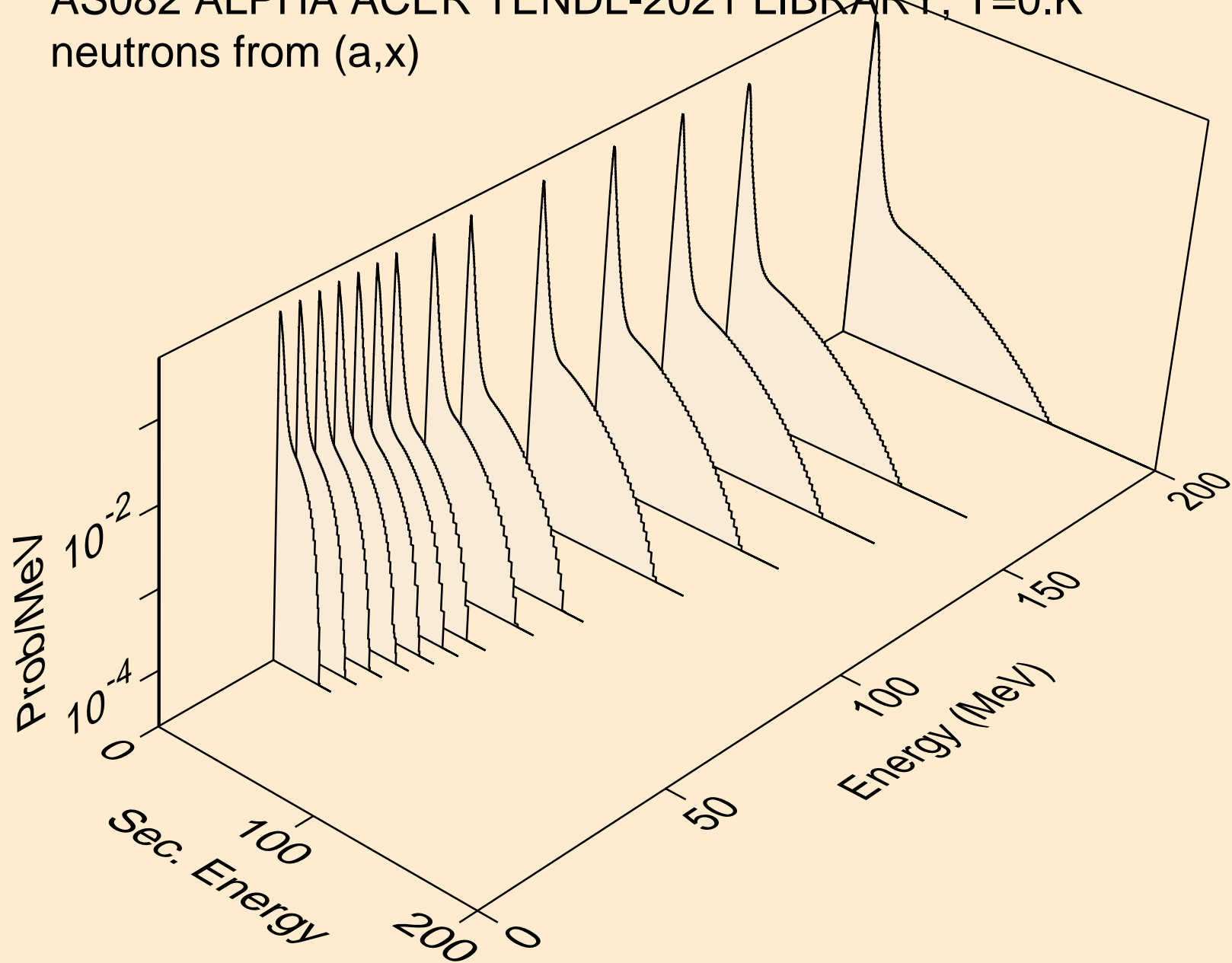




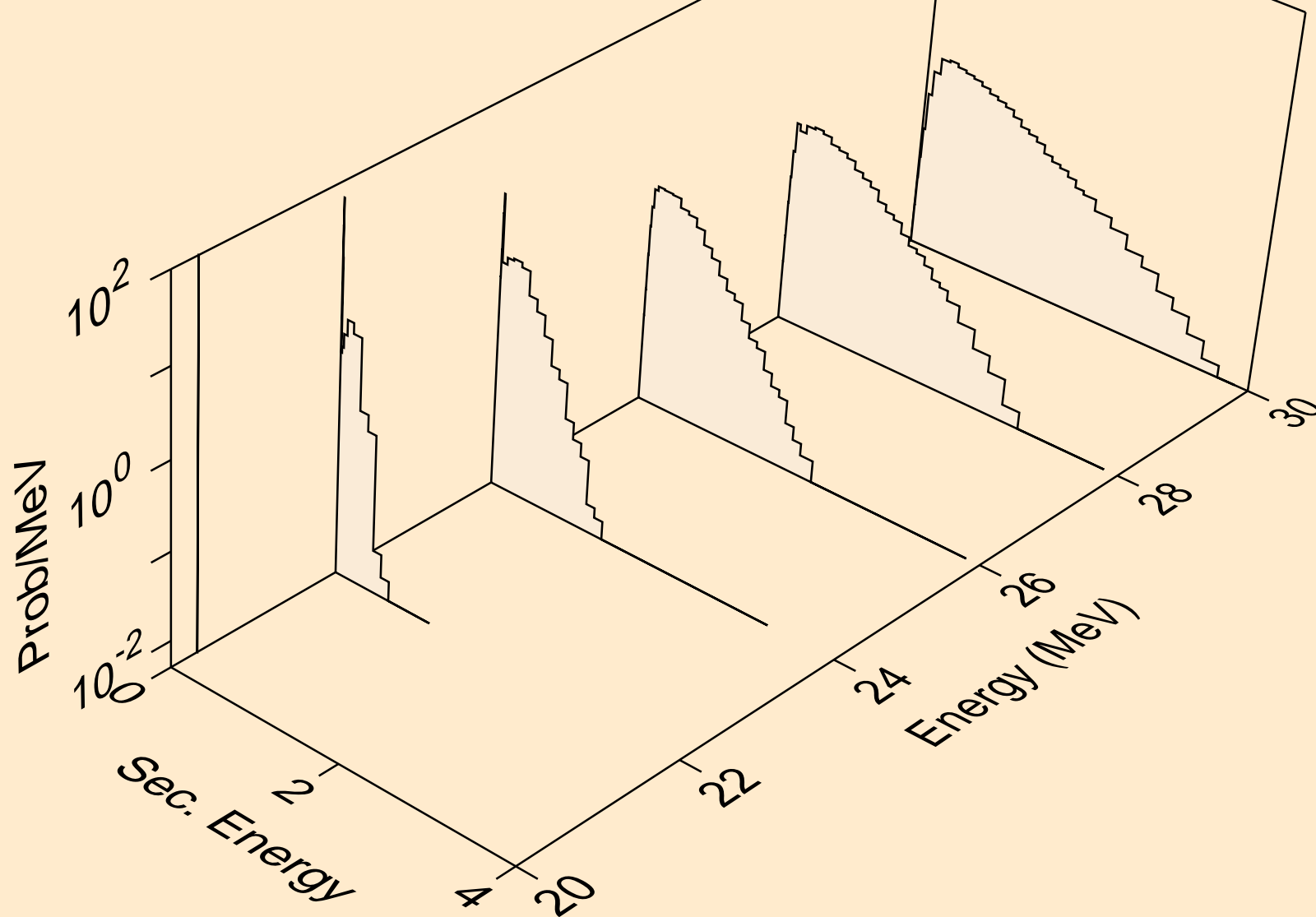
AS082 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n)



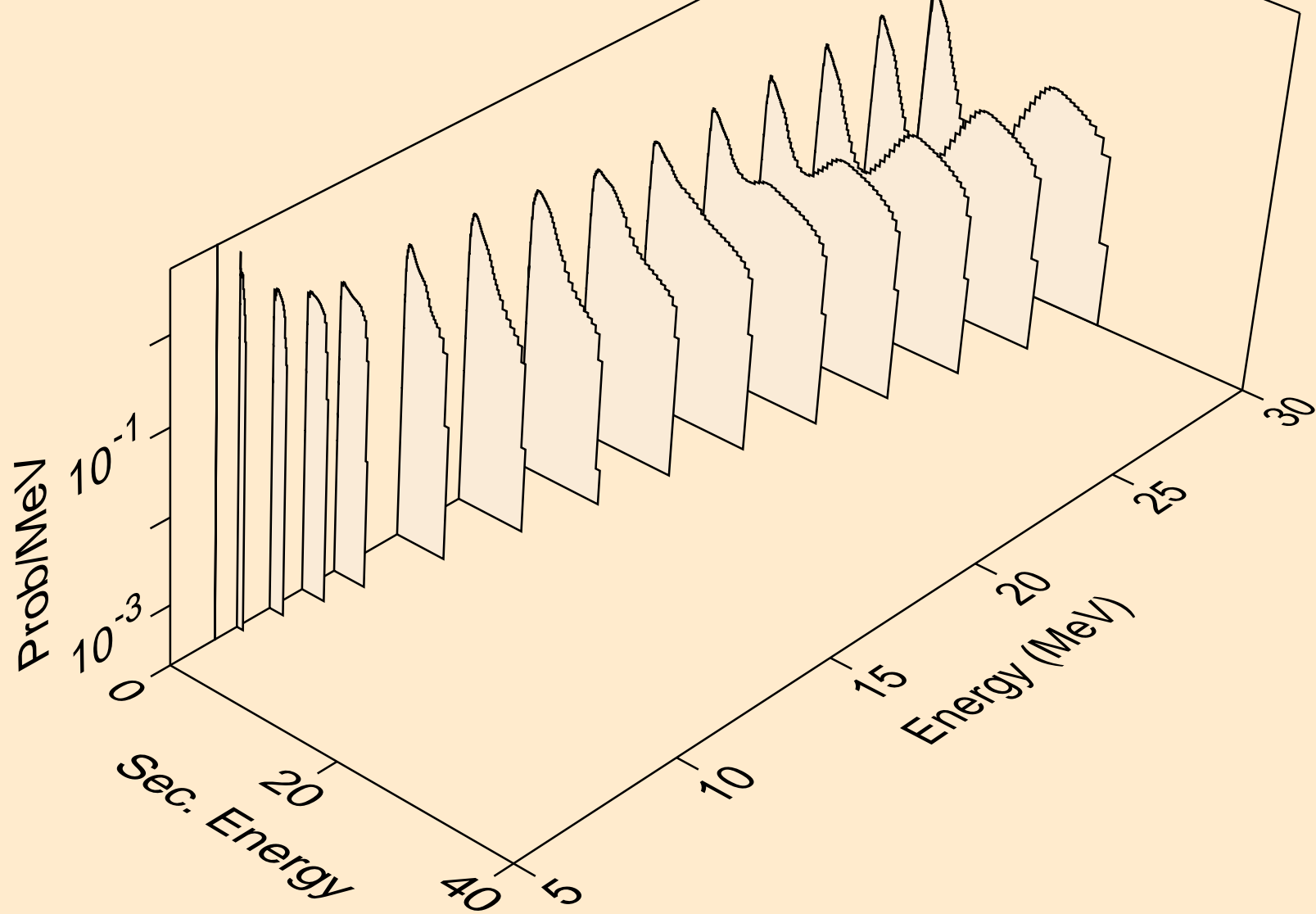
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neutrons from (a,x)



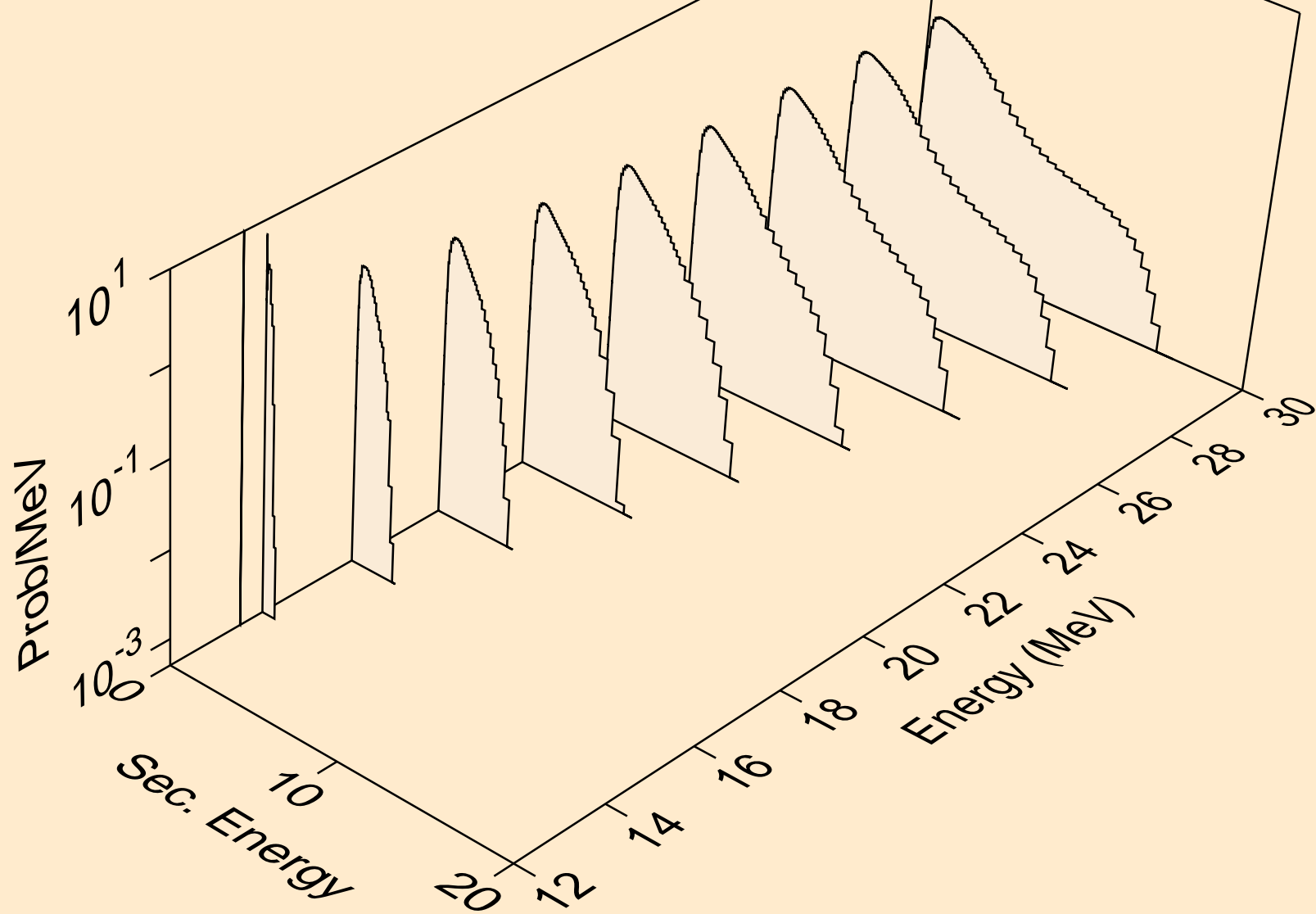
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neutrons from (a,2nd)



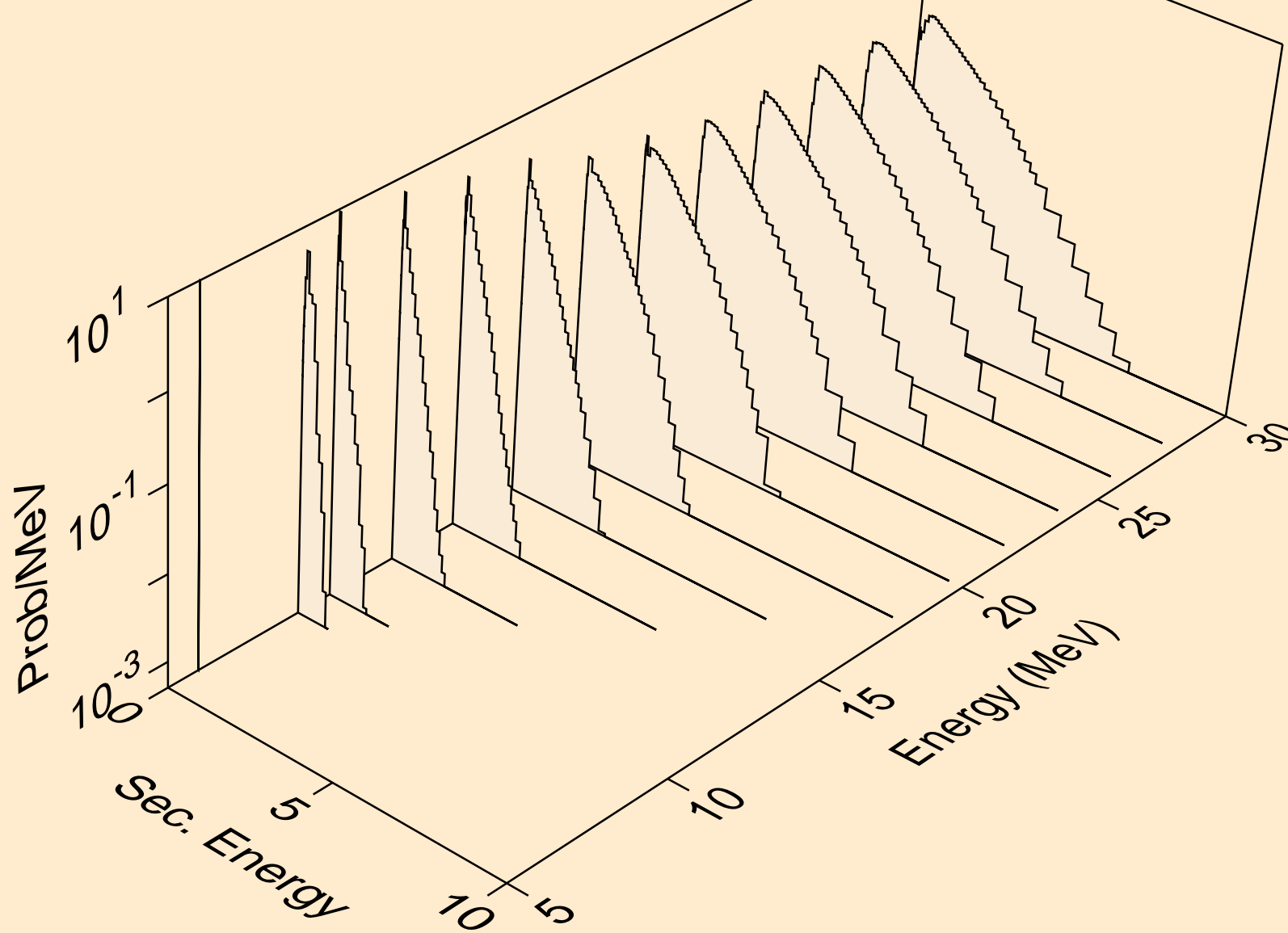
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neutrons from (a,2n)



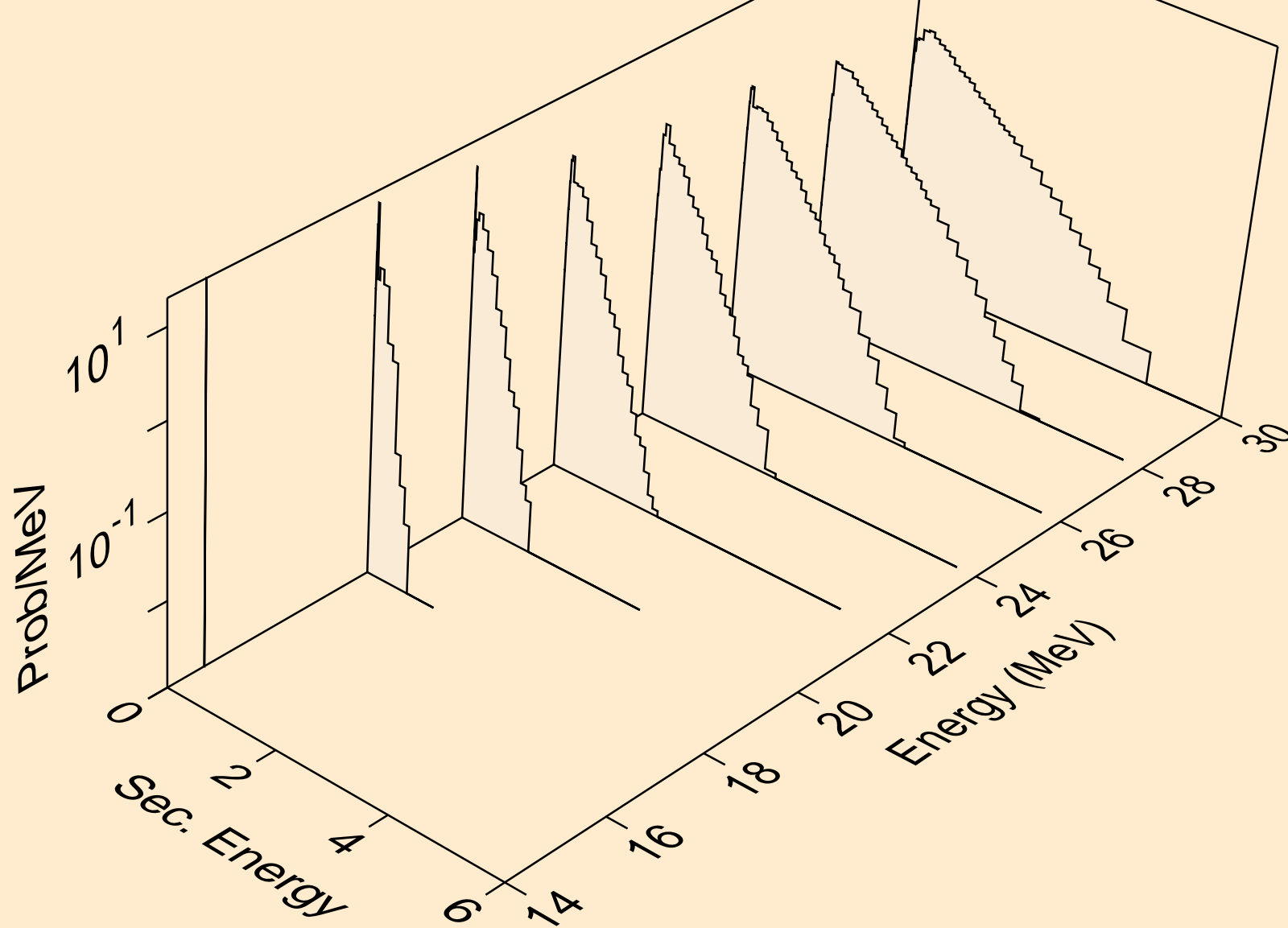
AS082 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,3n)



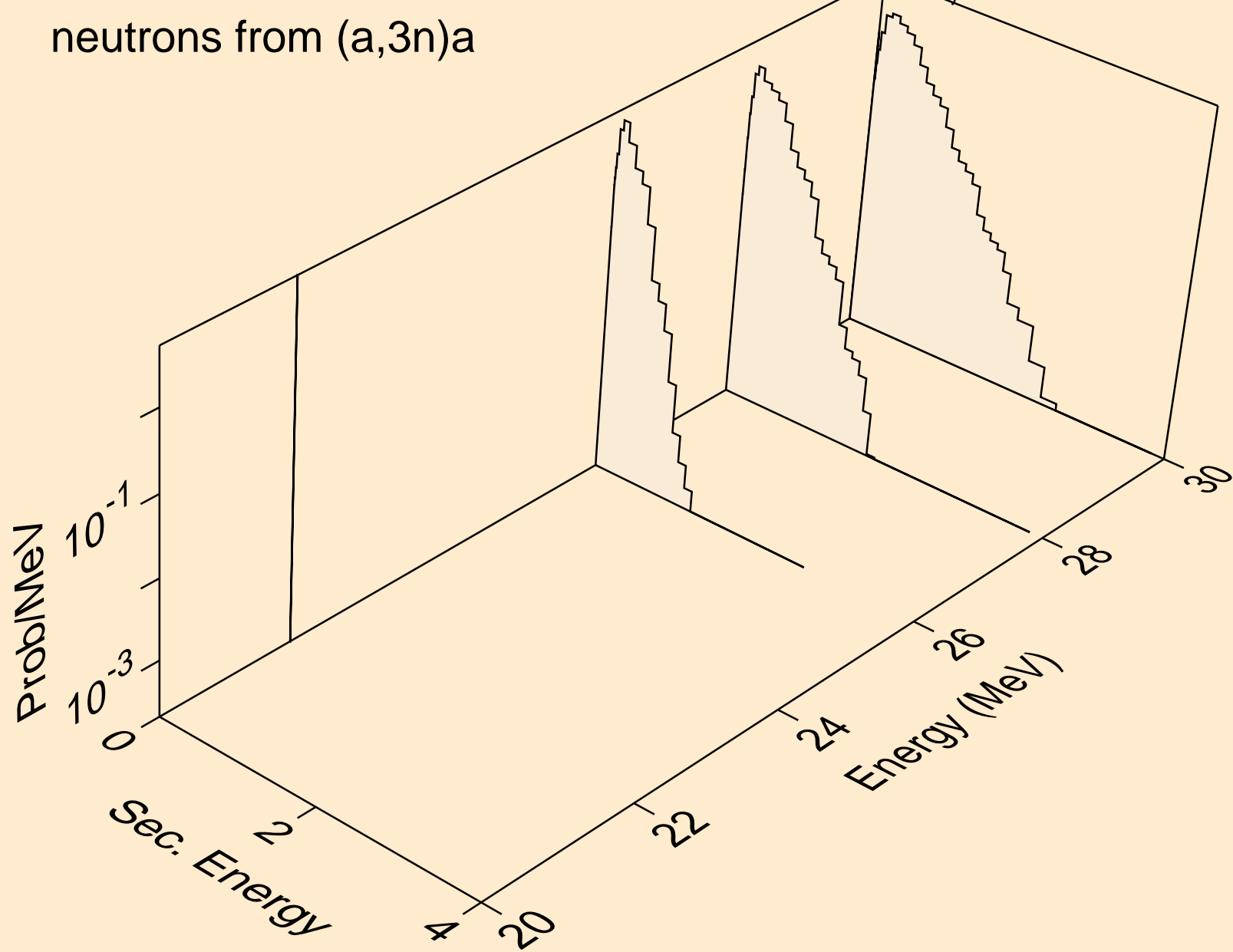
AS082 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)a



AS082 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2n)a

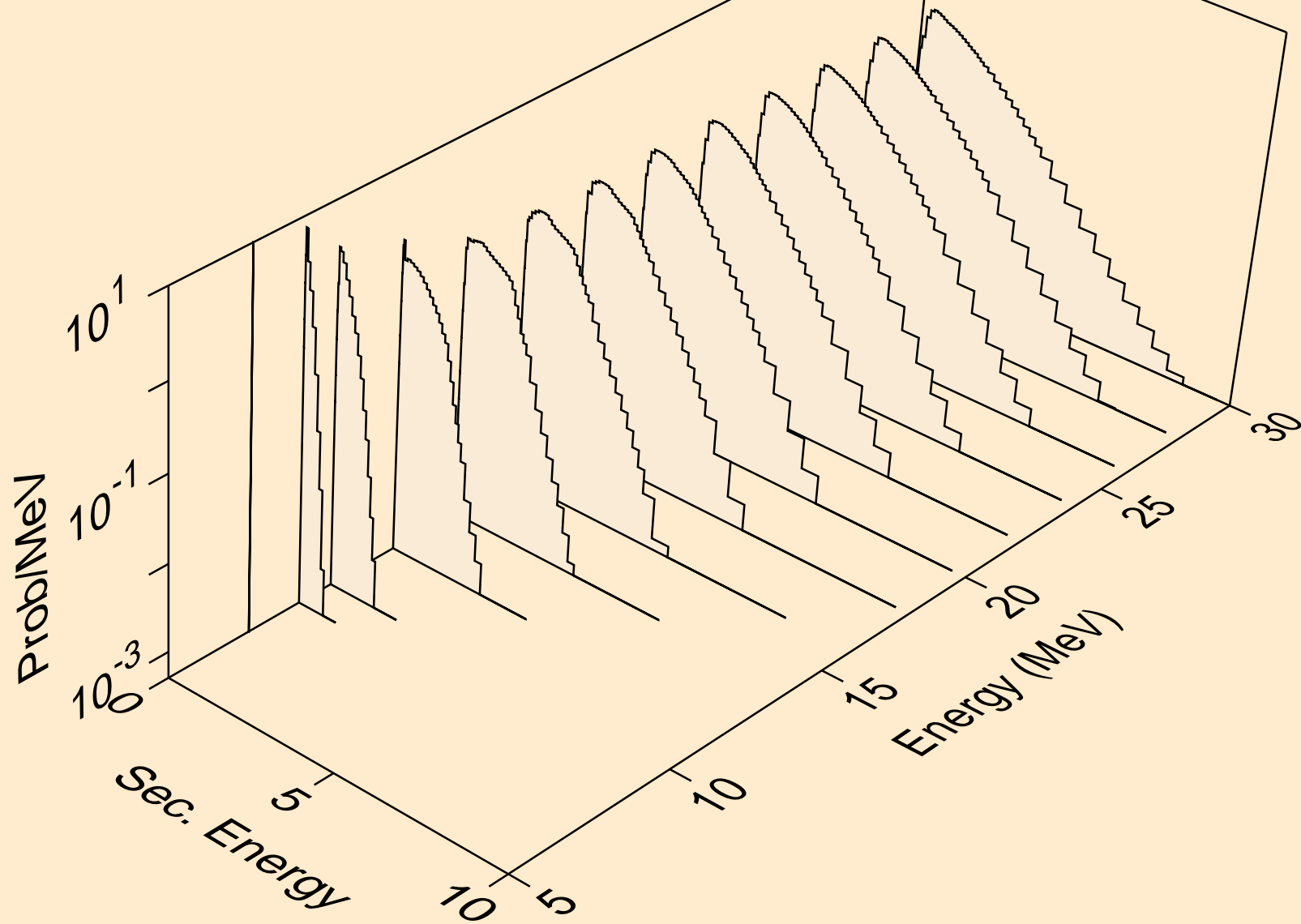


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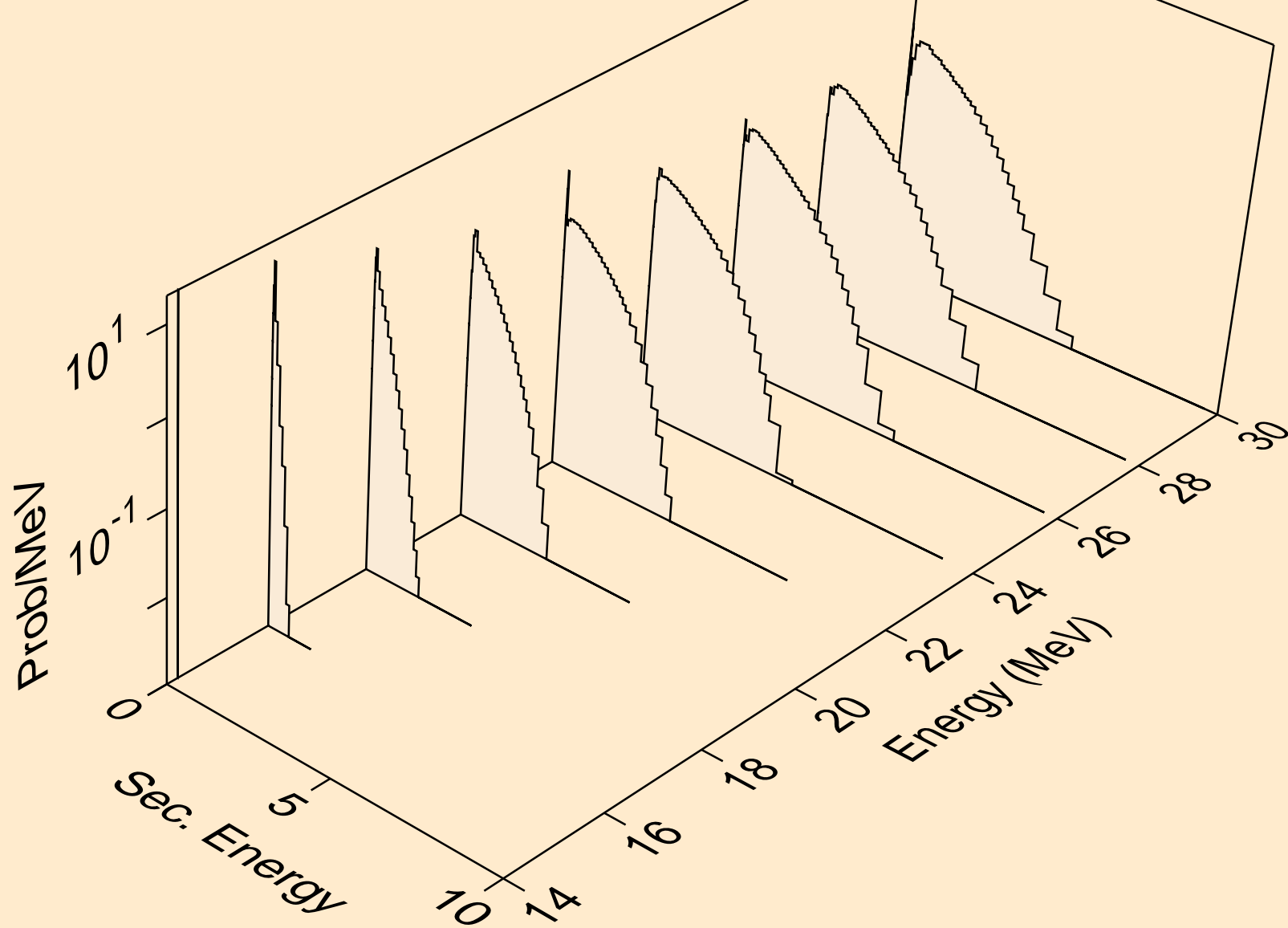




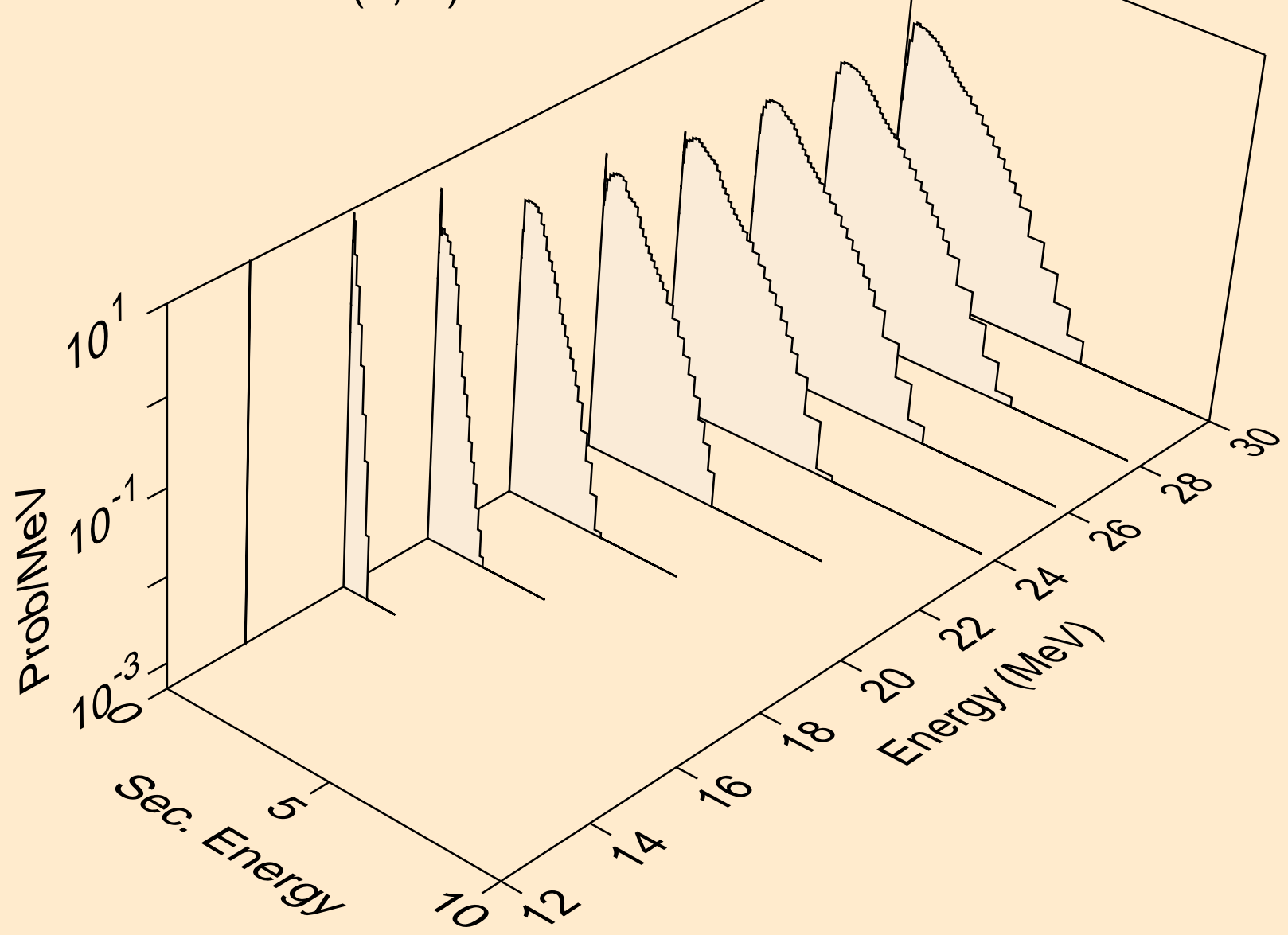
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neutrons from (a,n\*)p



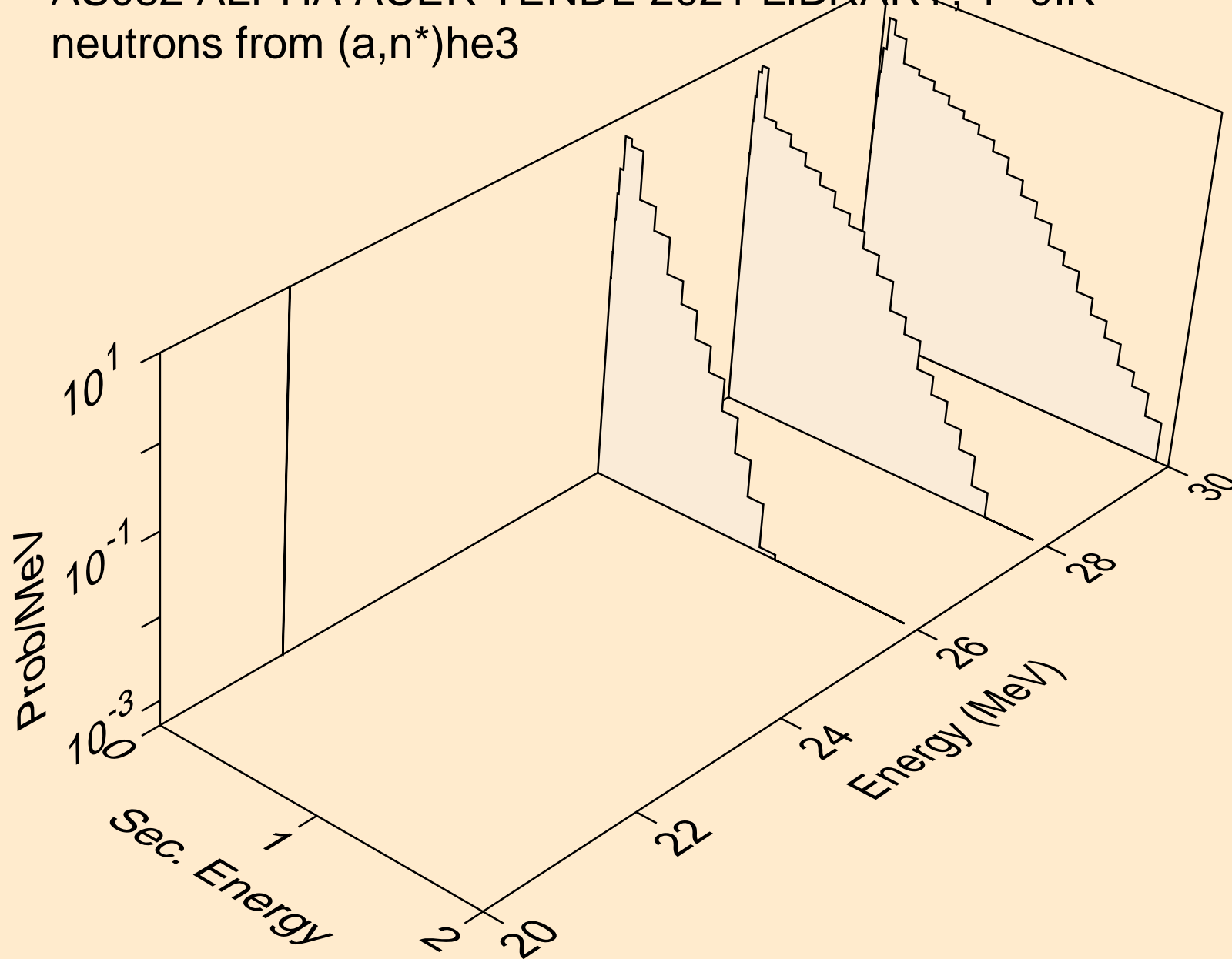
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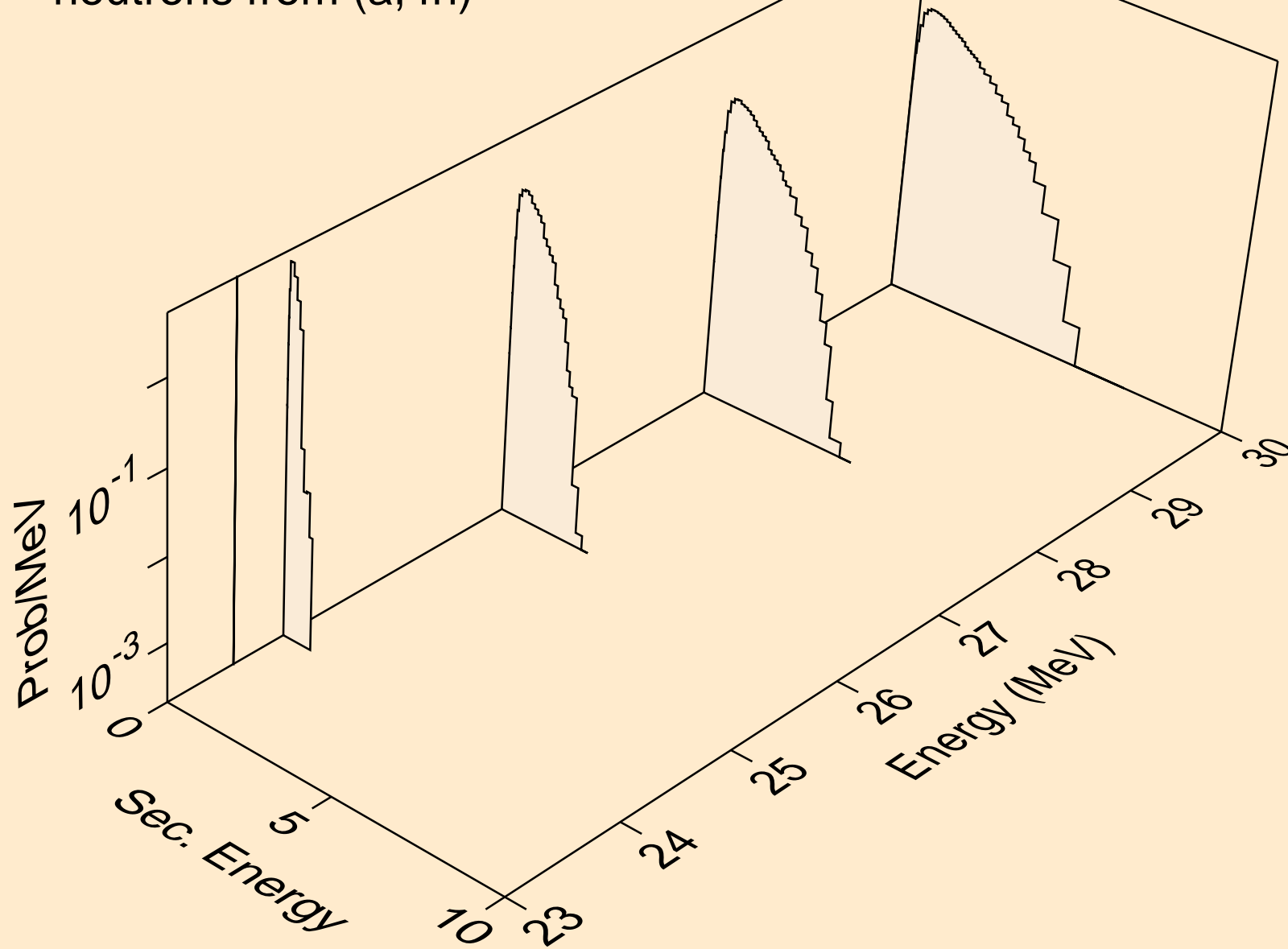
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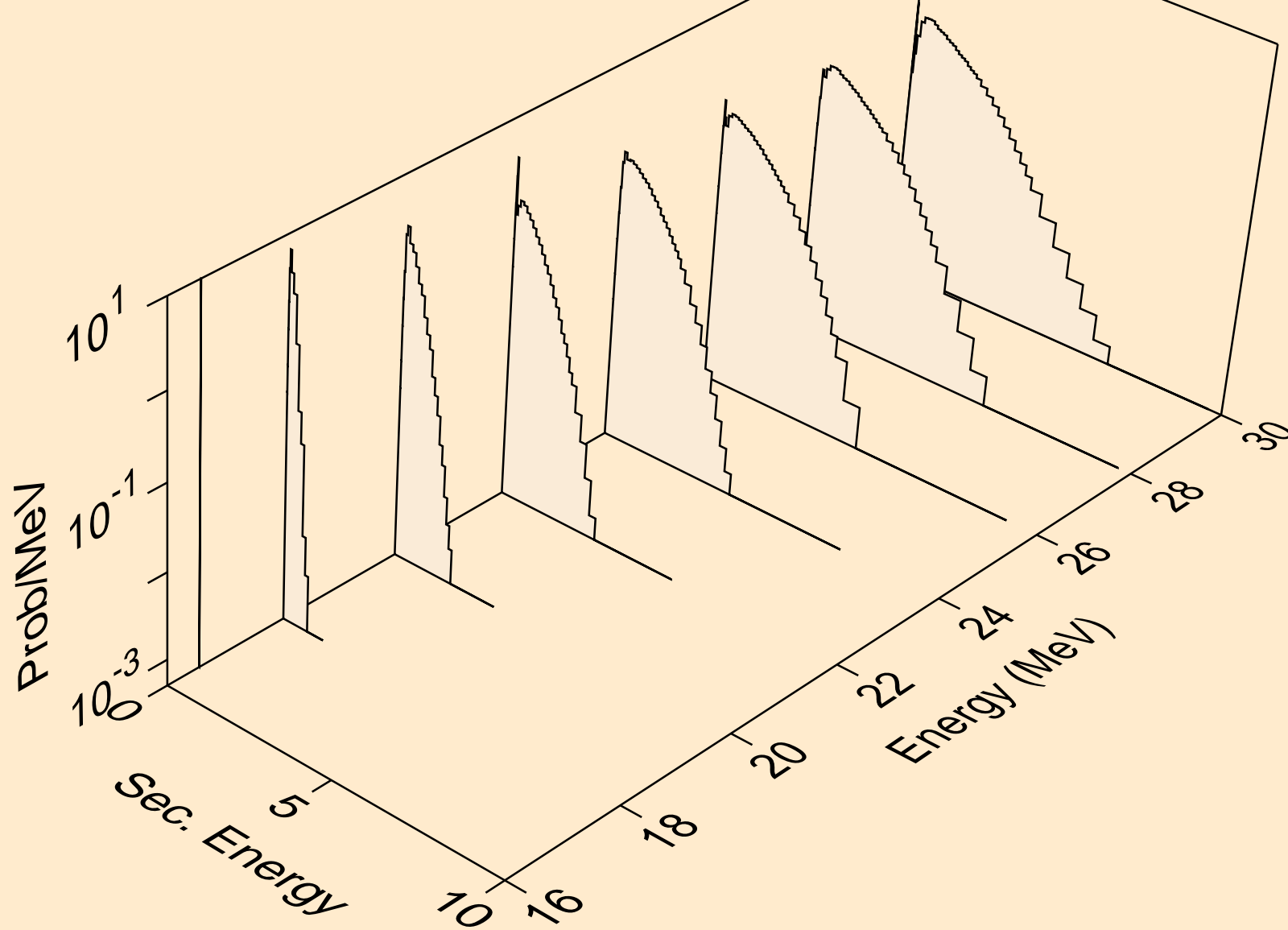
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neutrons from (a,n\*)he3



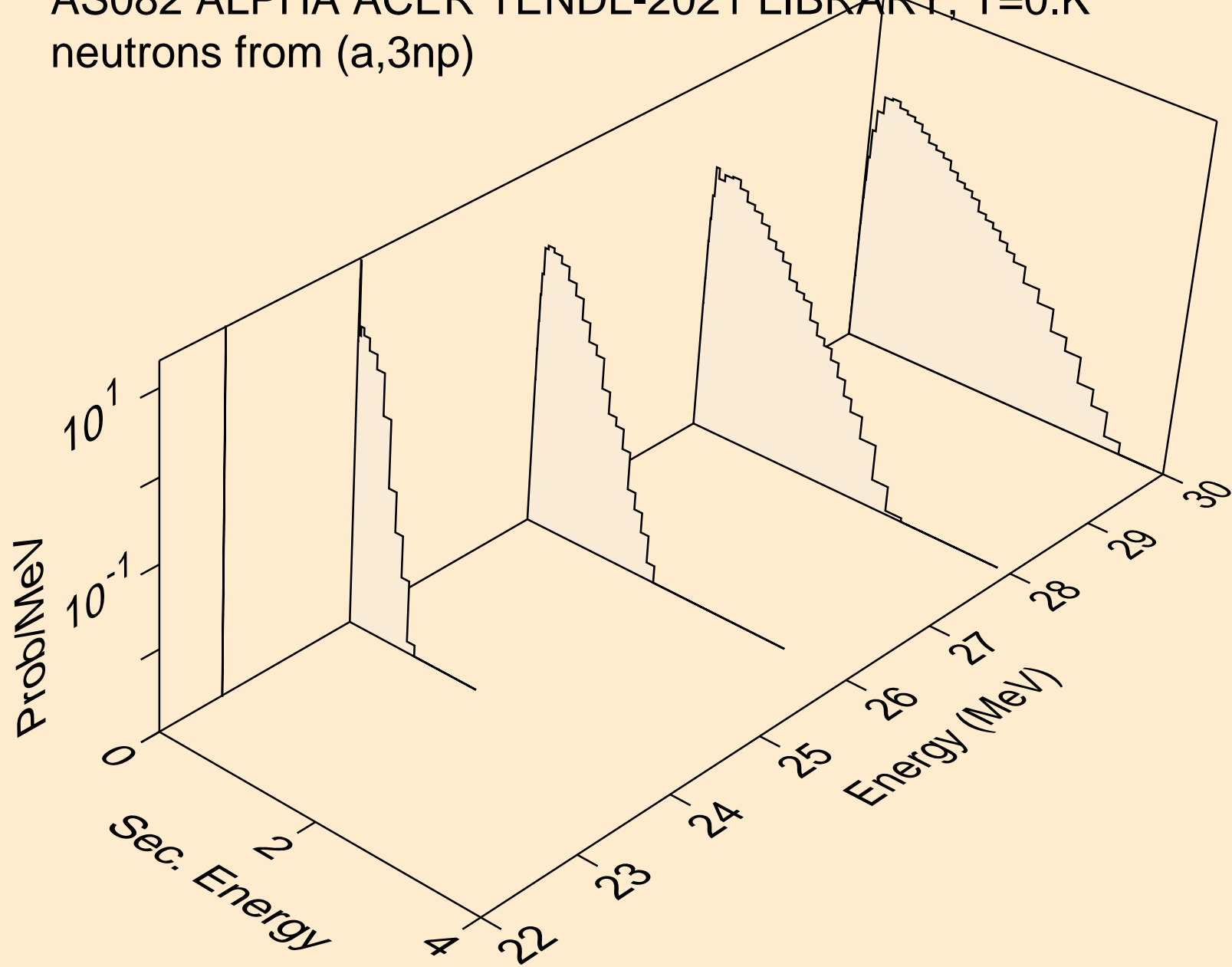
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neutrons from (a,4n)



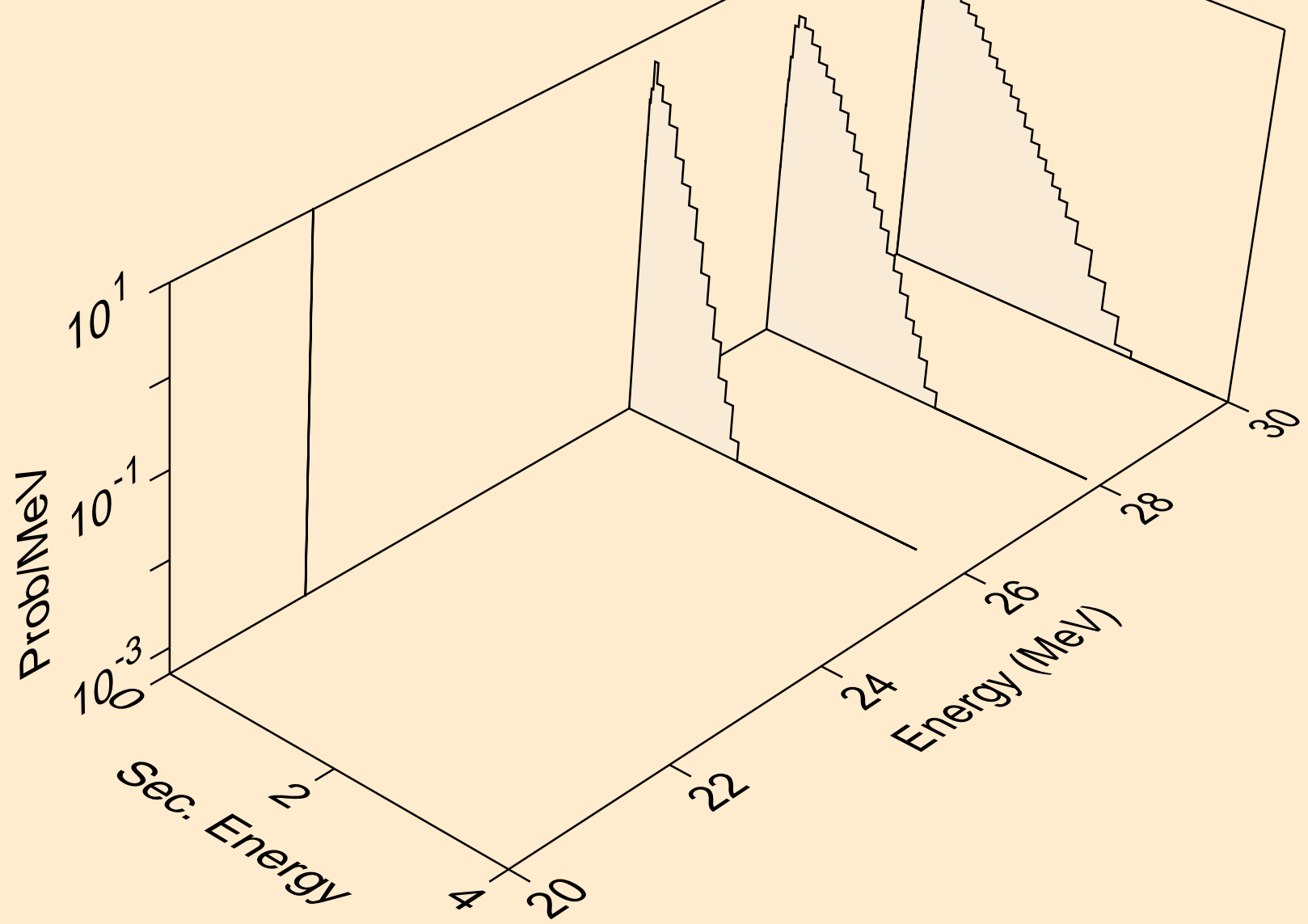
AS082 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2np)



AS082 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,3np)

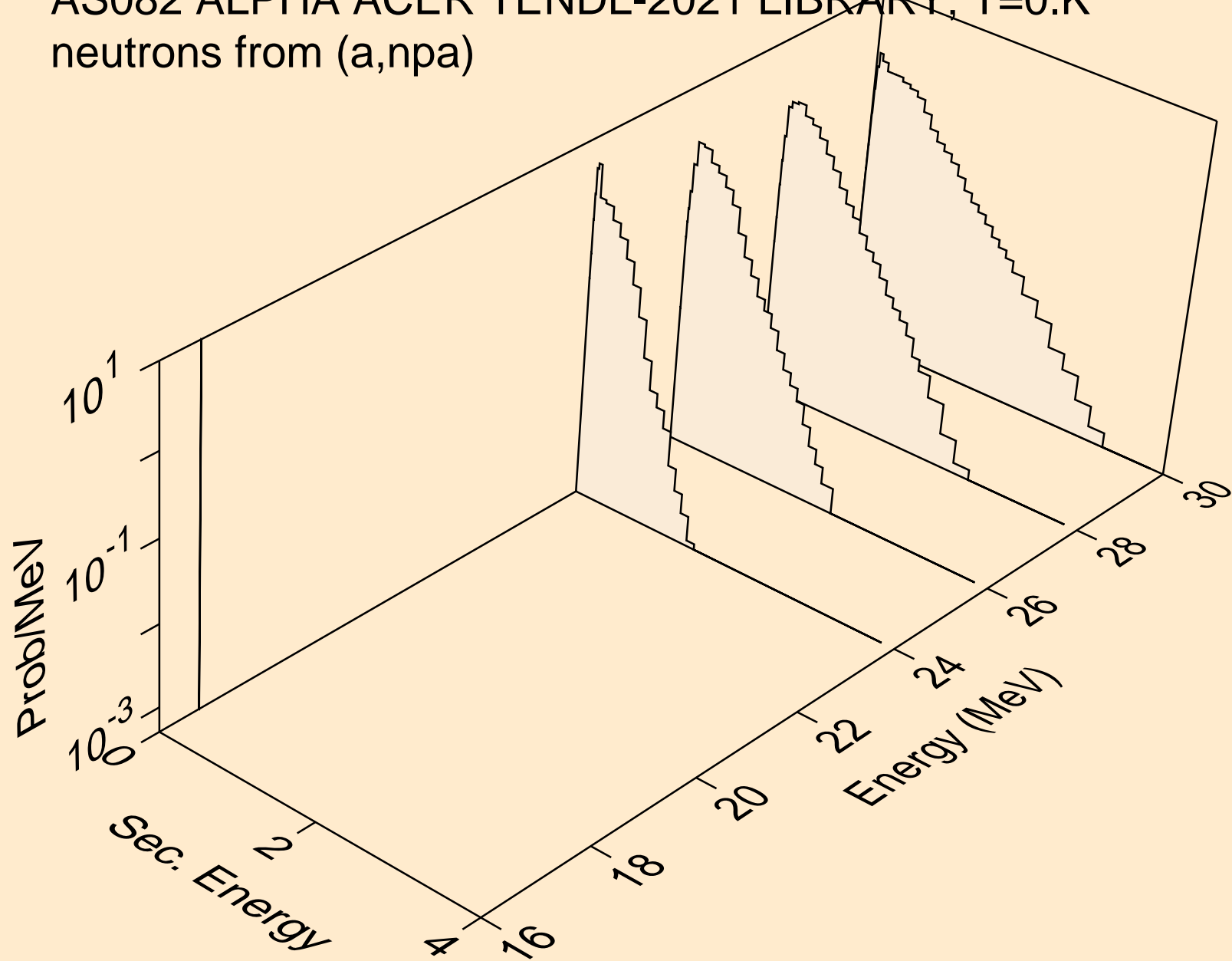


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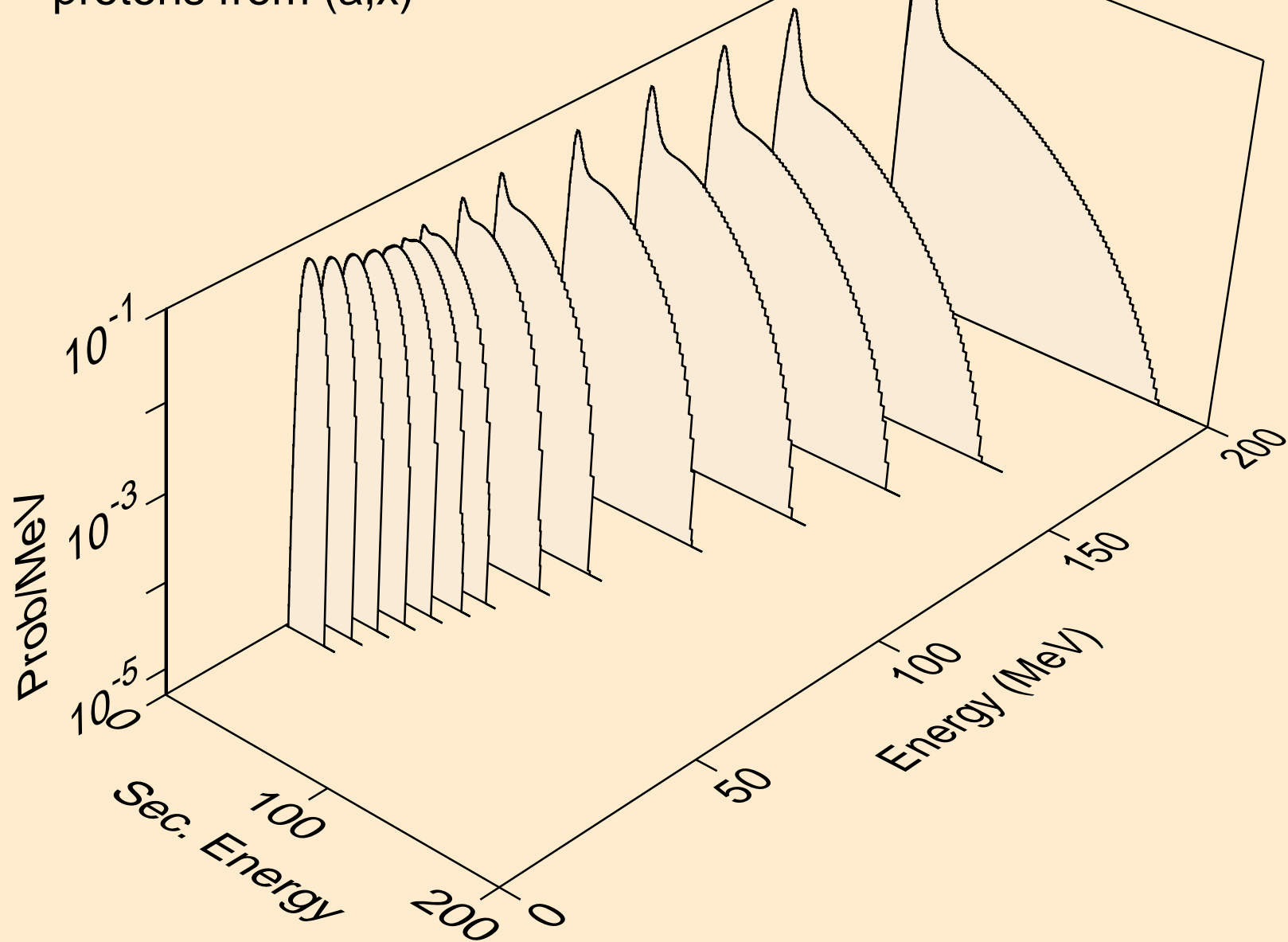




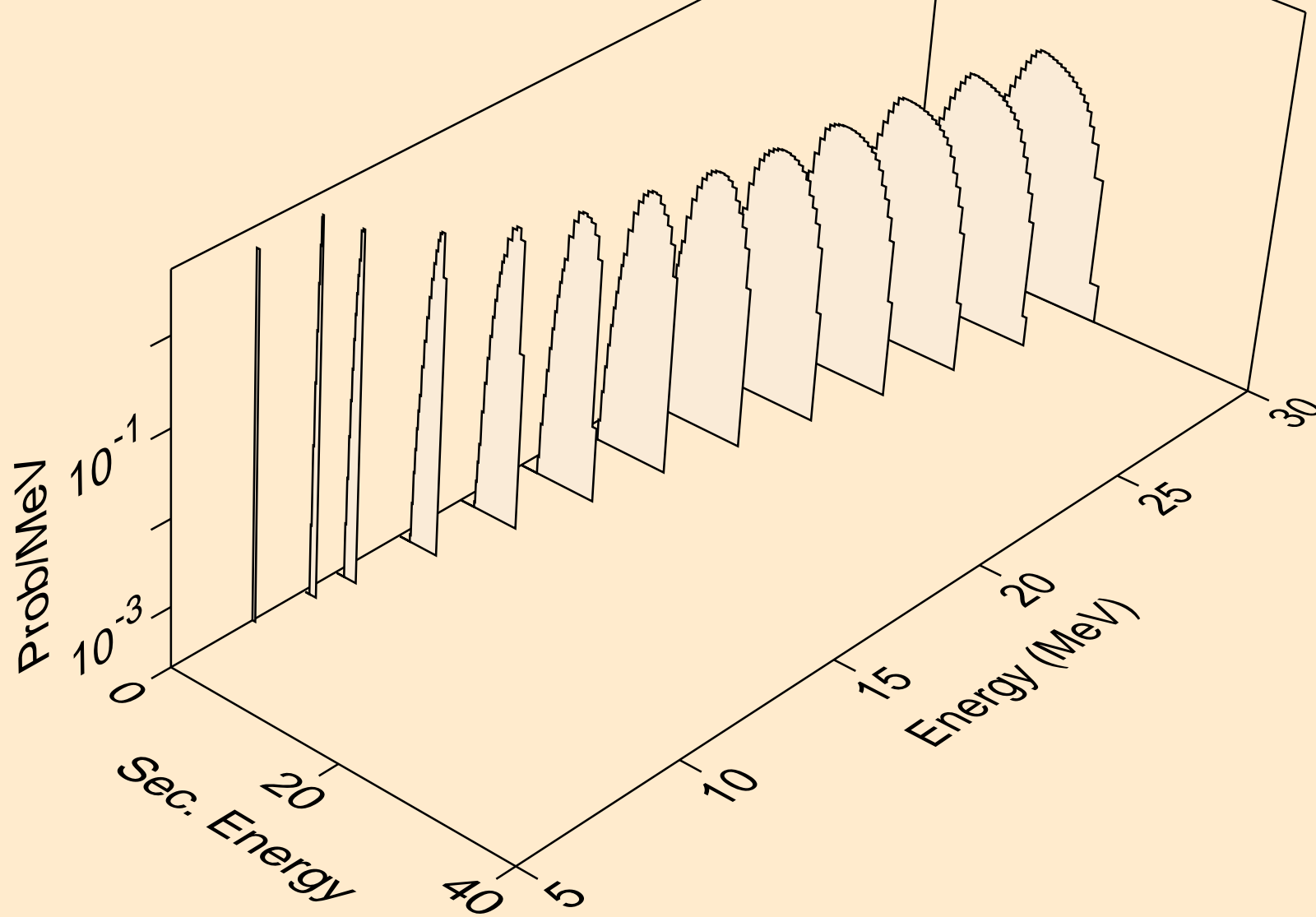
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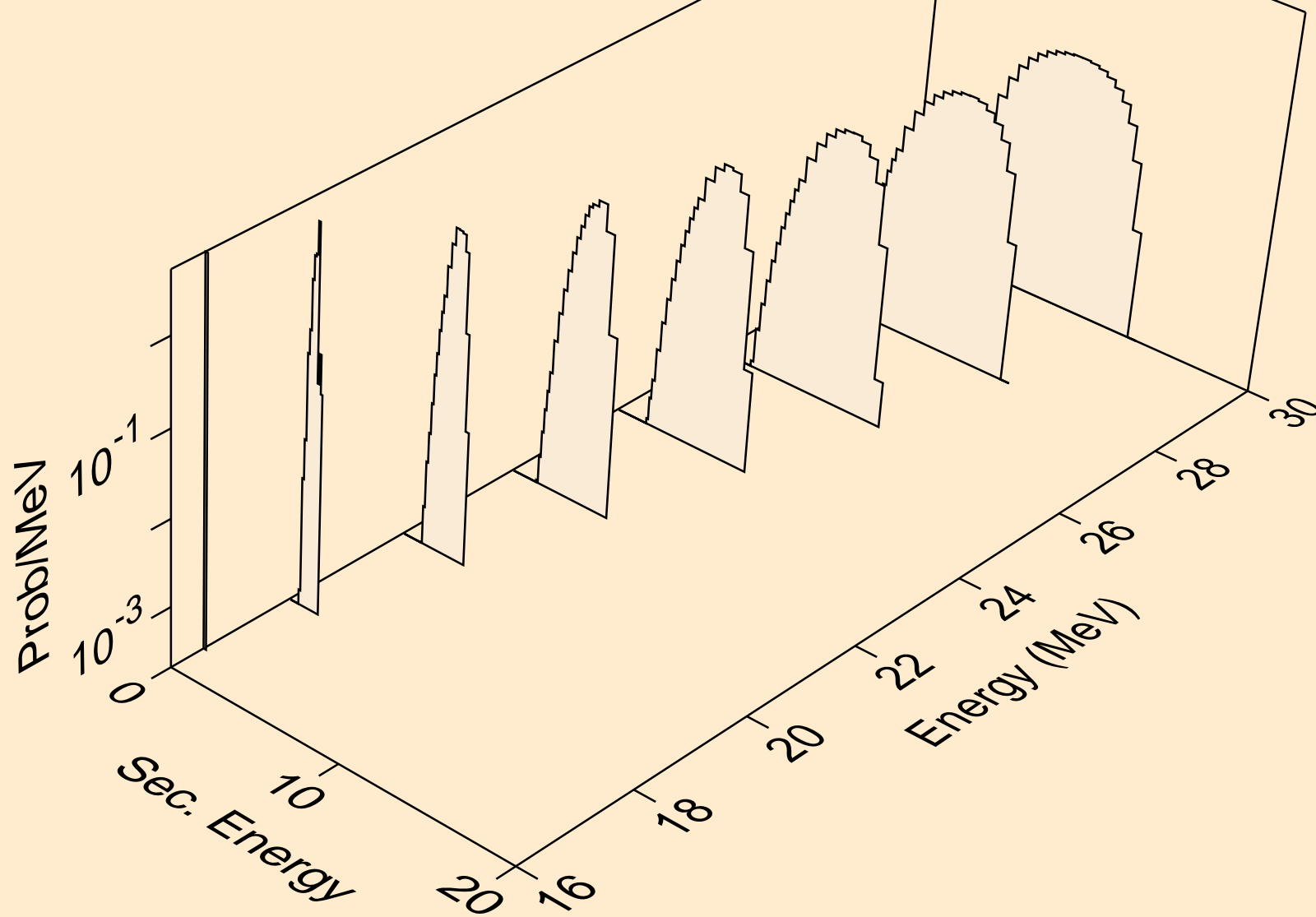
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protons from (a,x)



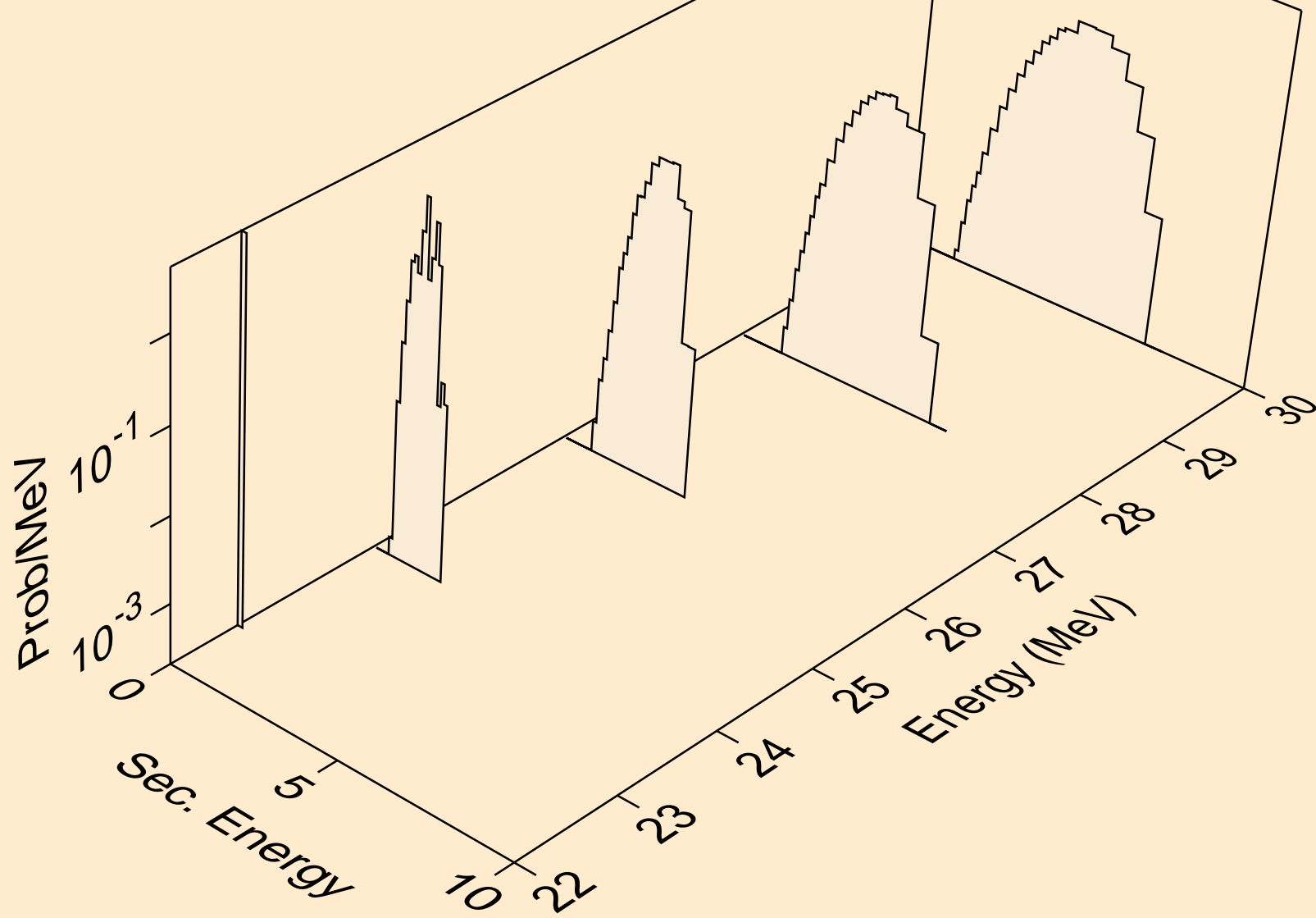
AS082 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,n\*)p



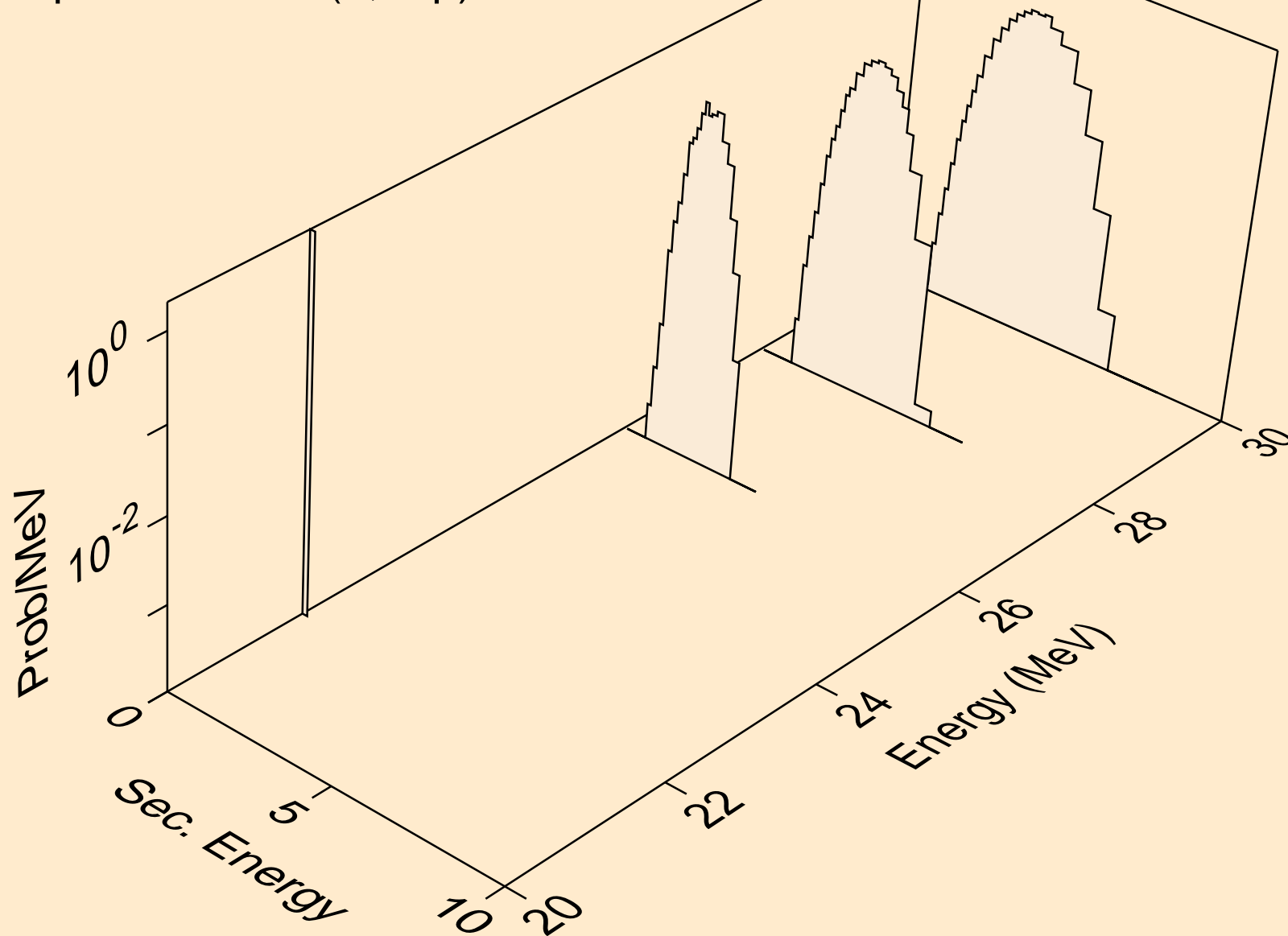
AS082 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,2np)



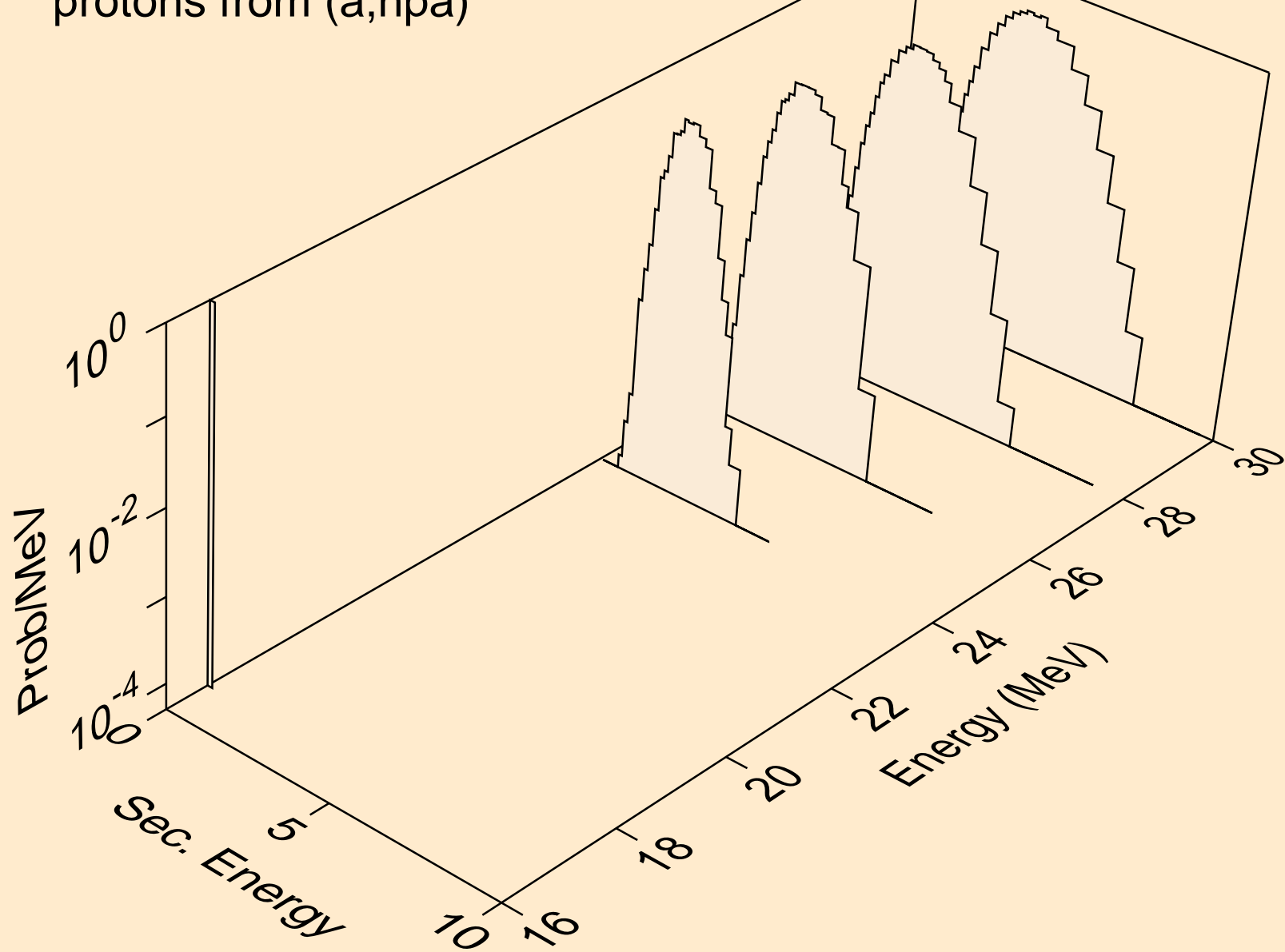
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protons from (a,3np)



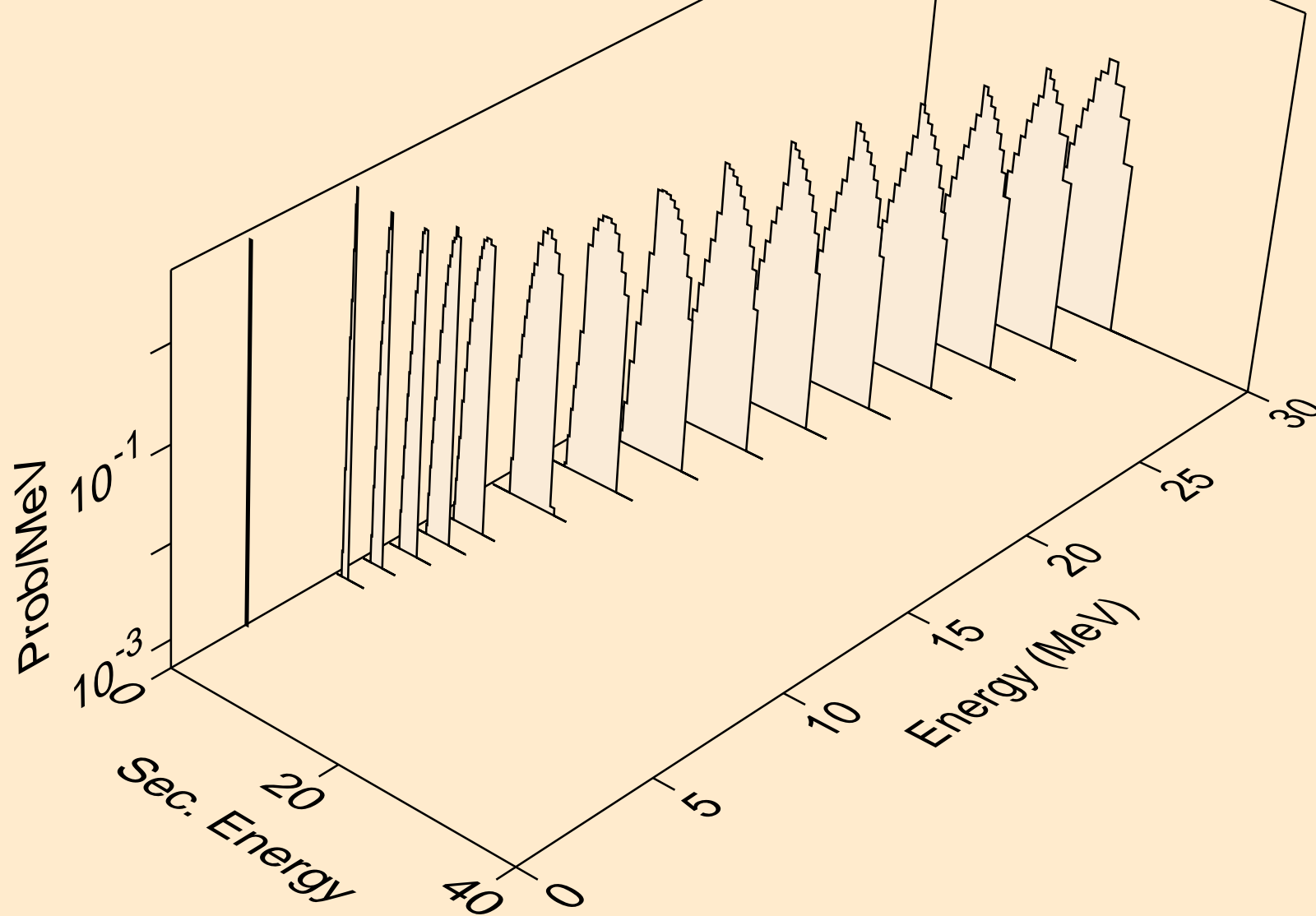
AS082 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,2np)



AS082 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,npa)

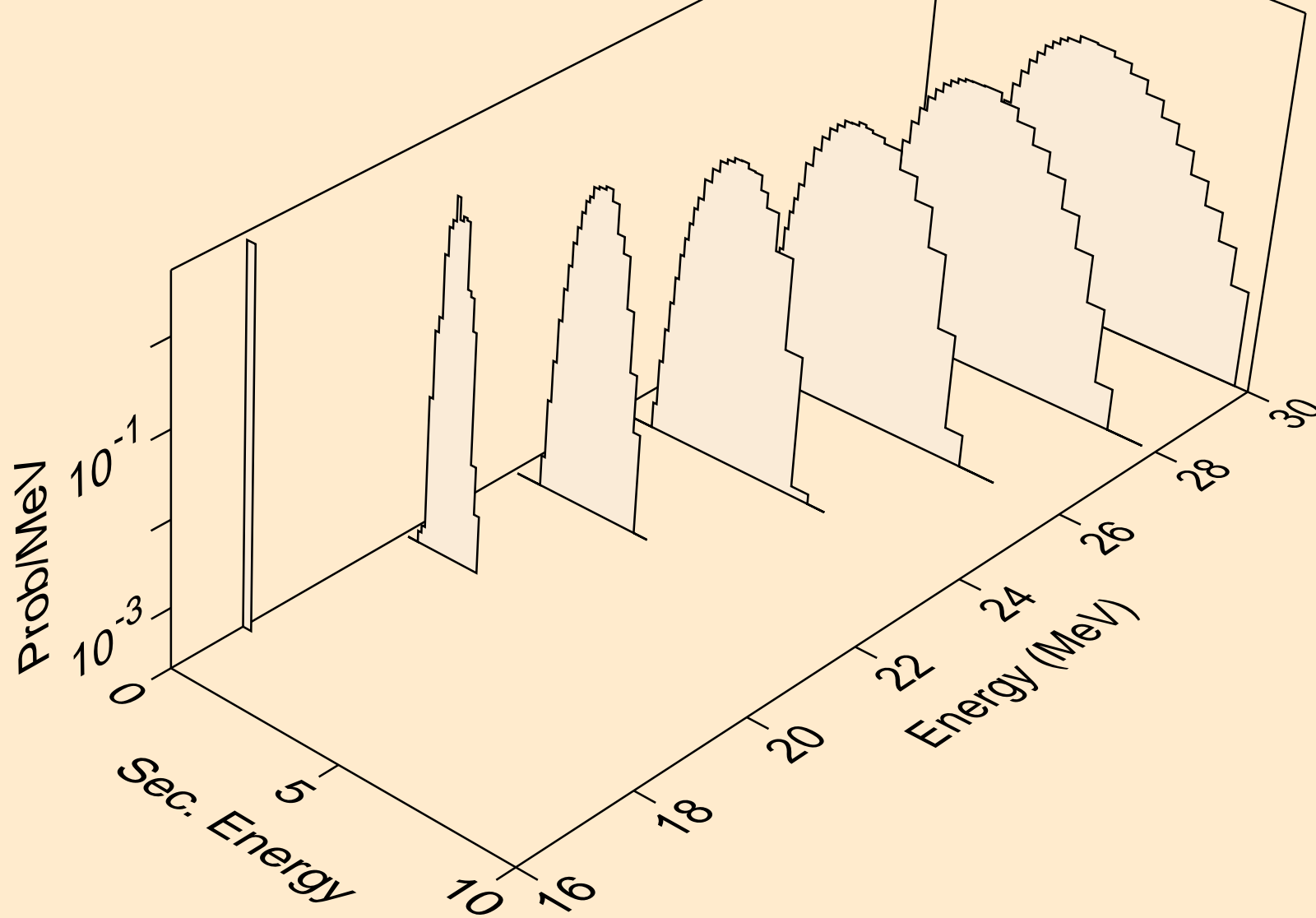


AS082 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,p)

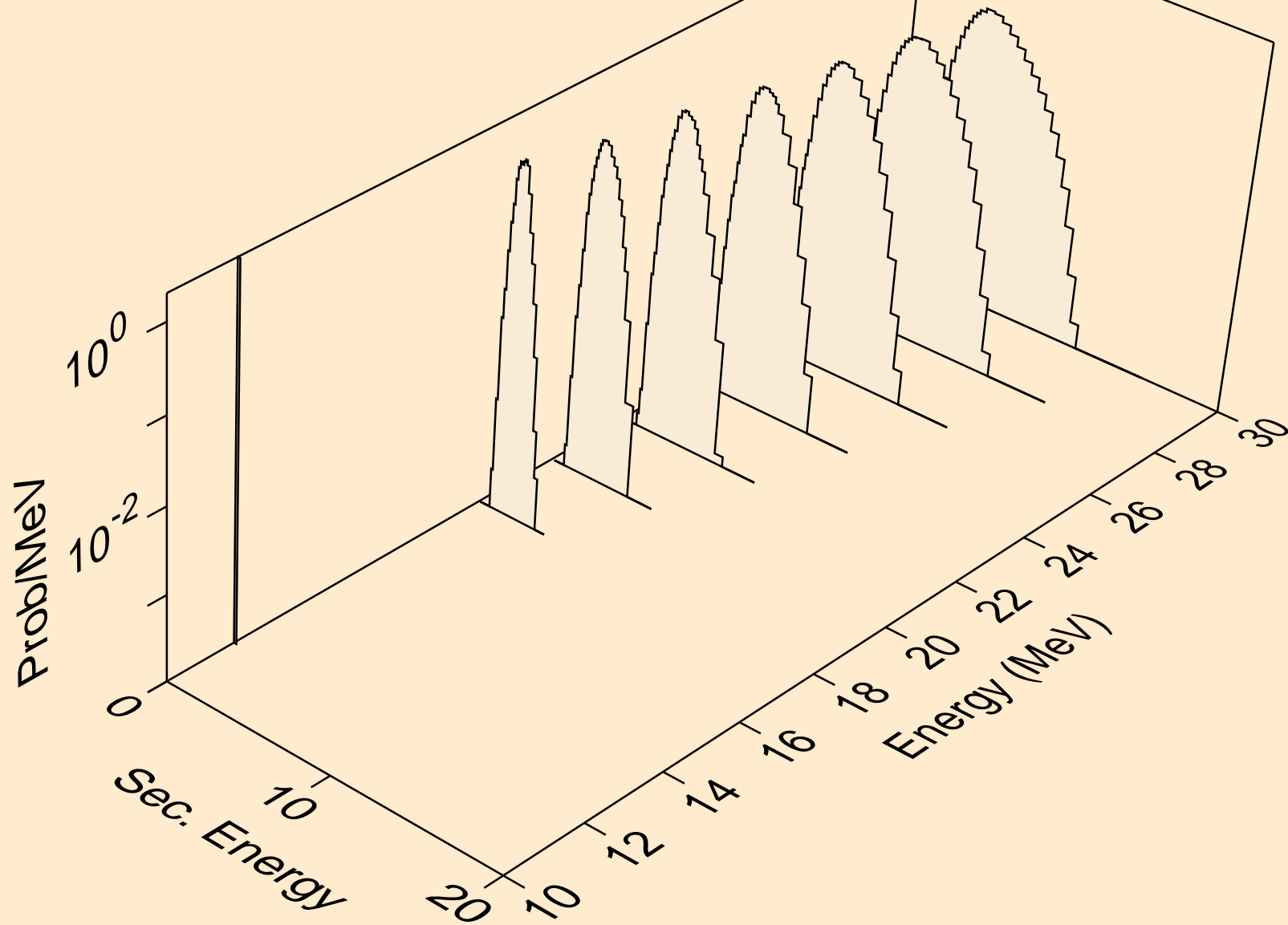




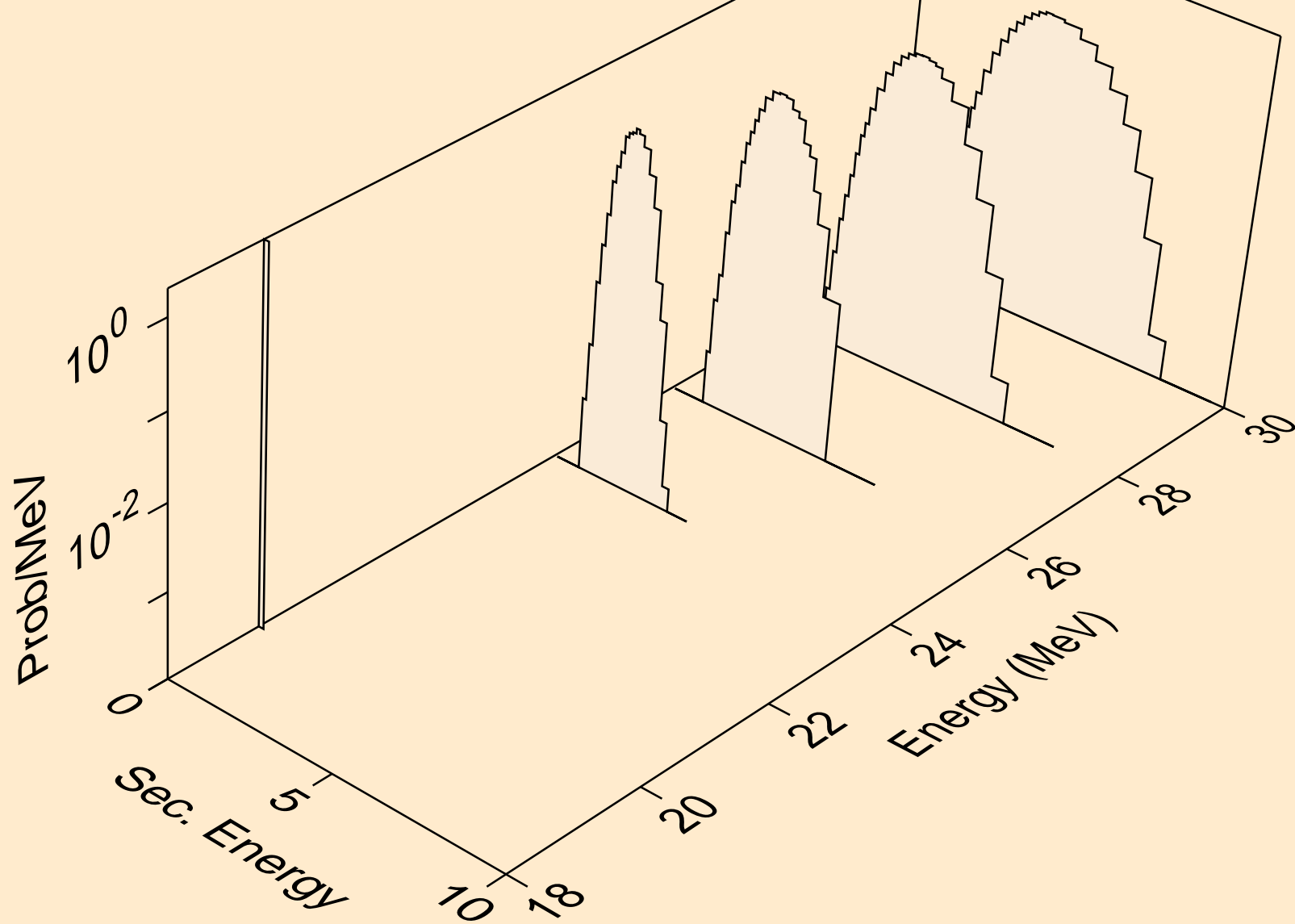
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protons from (a,2p)



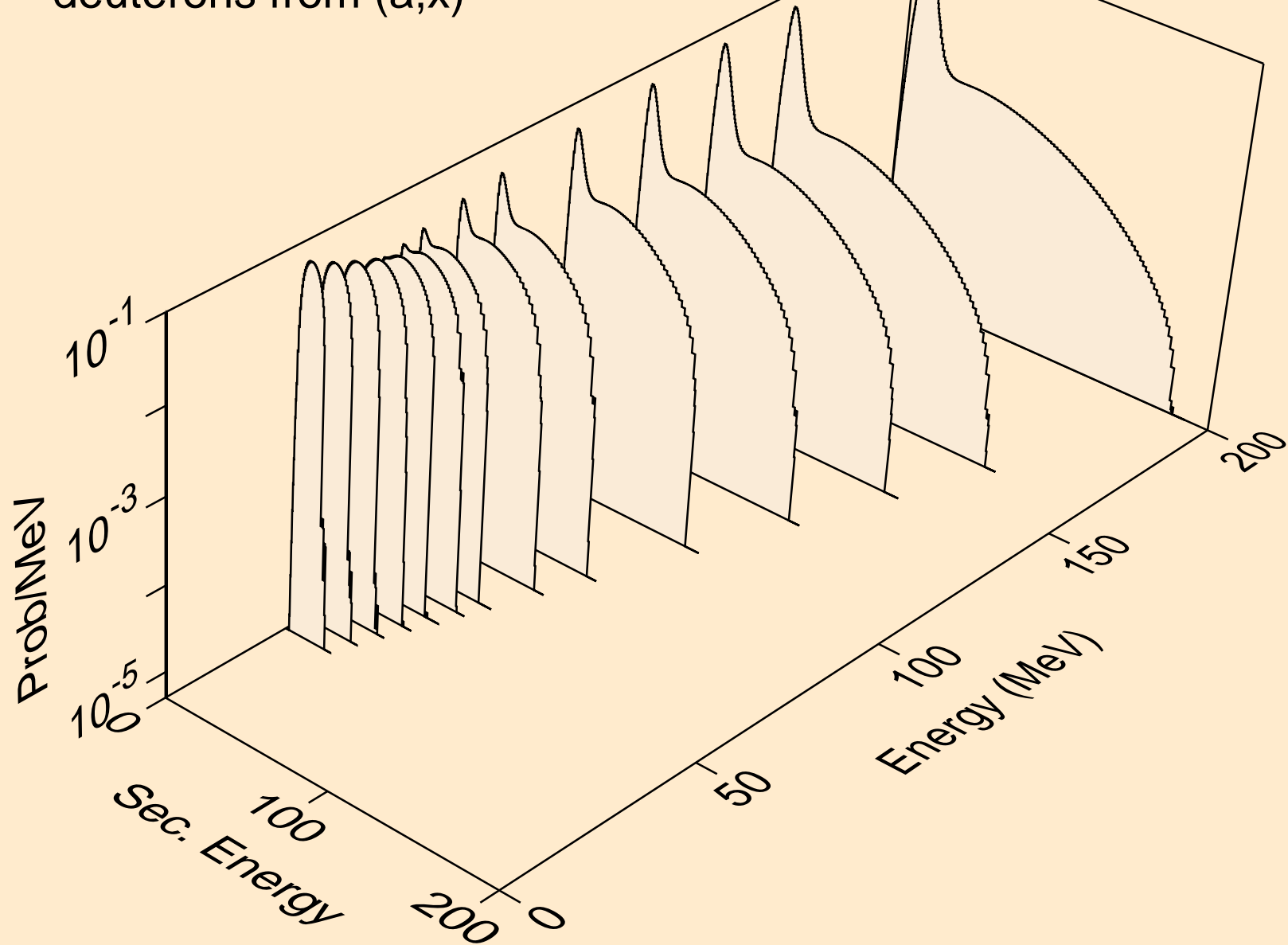
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protons from (a,pa)



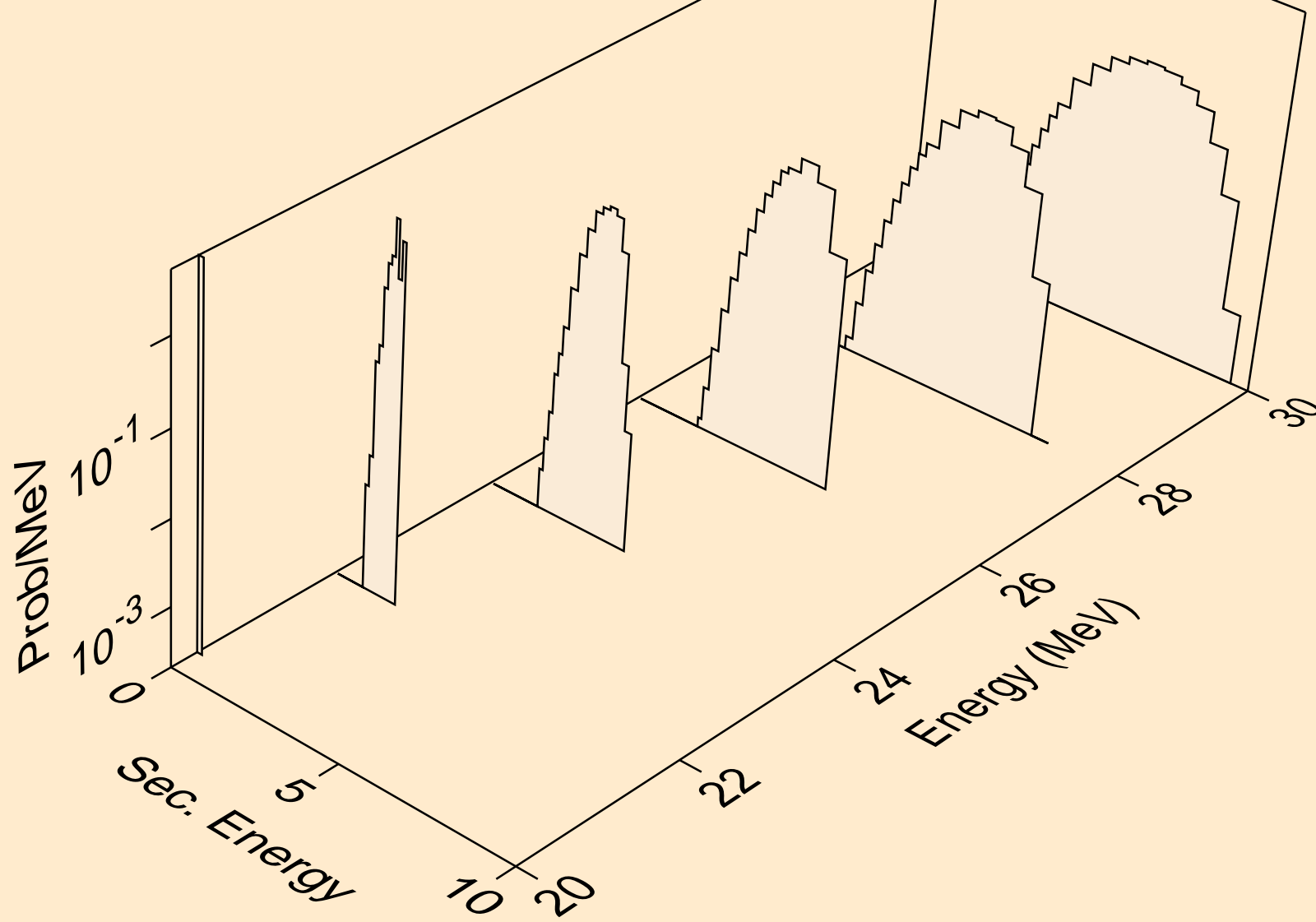
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protons from (a,pd)



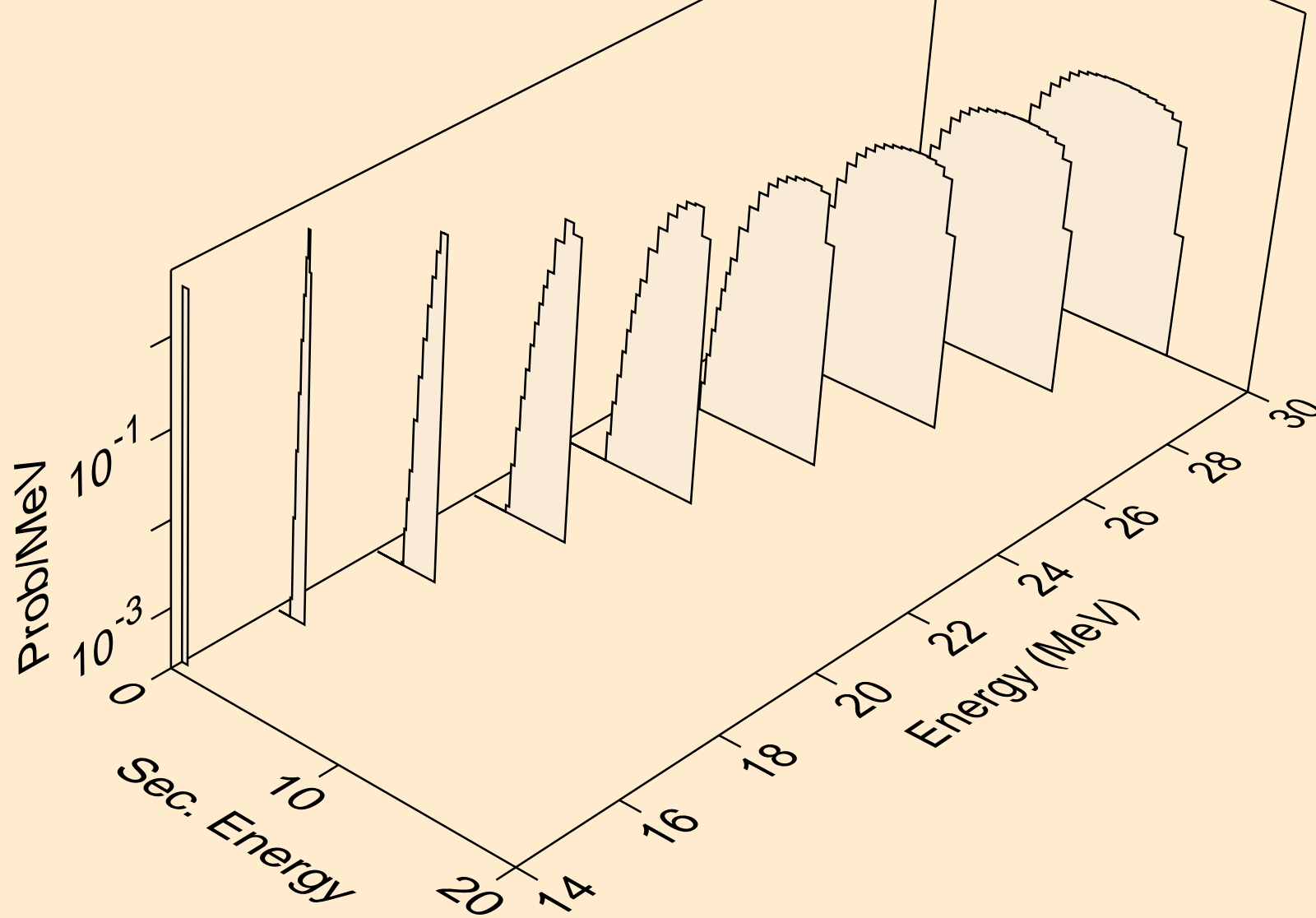
AS082 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,x)



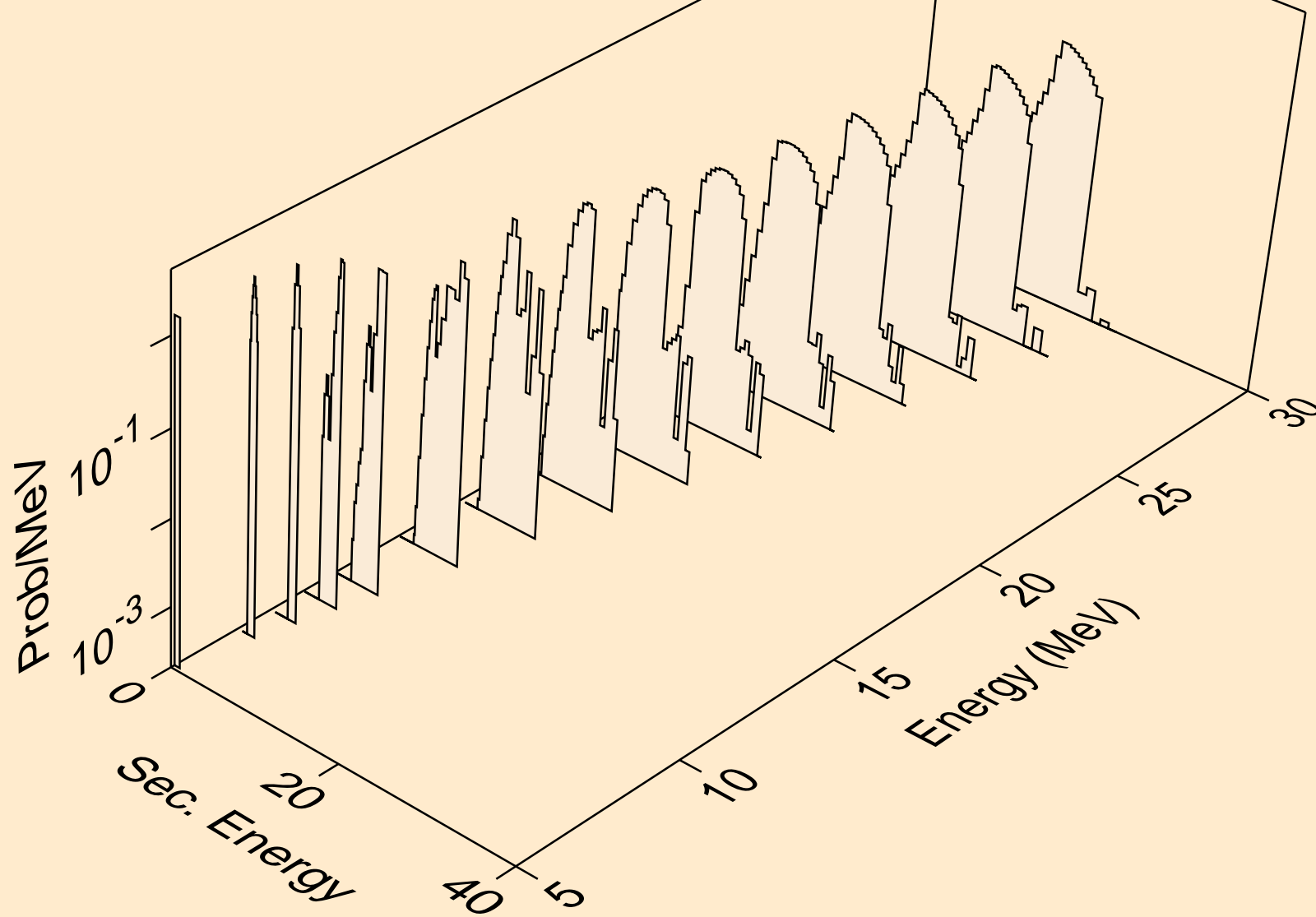
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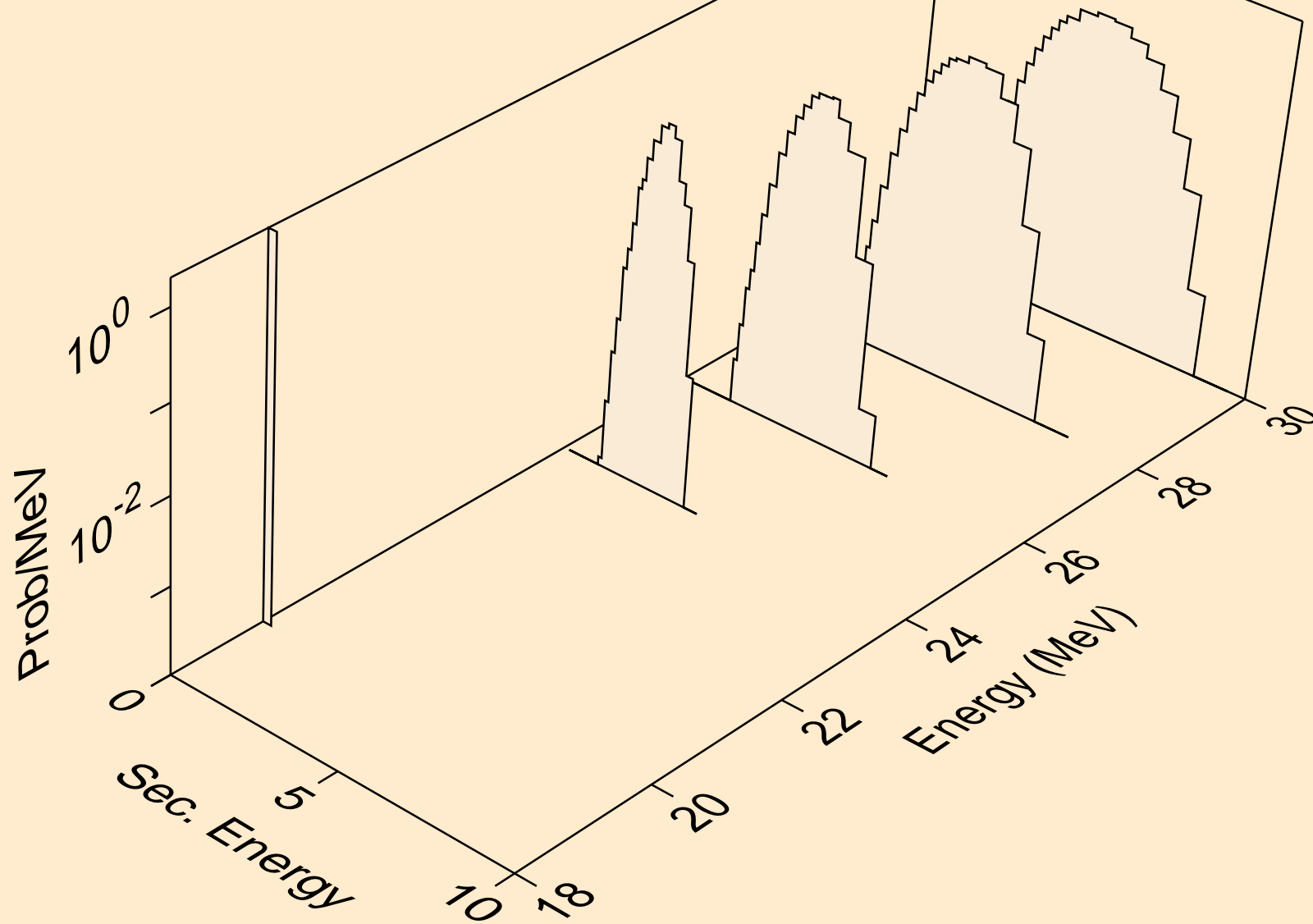
AS082 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,n\*)d



AS082 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,d)

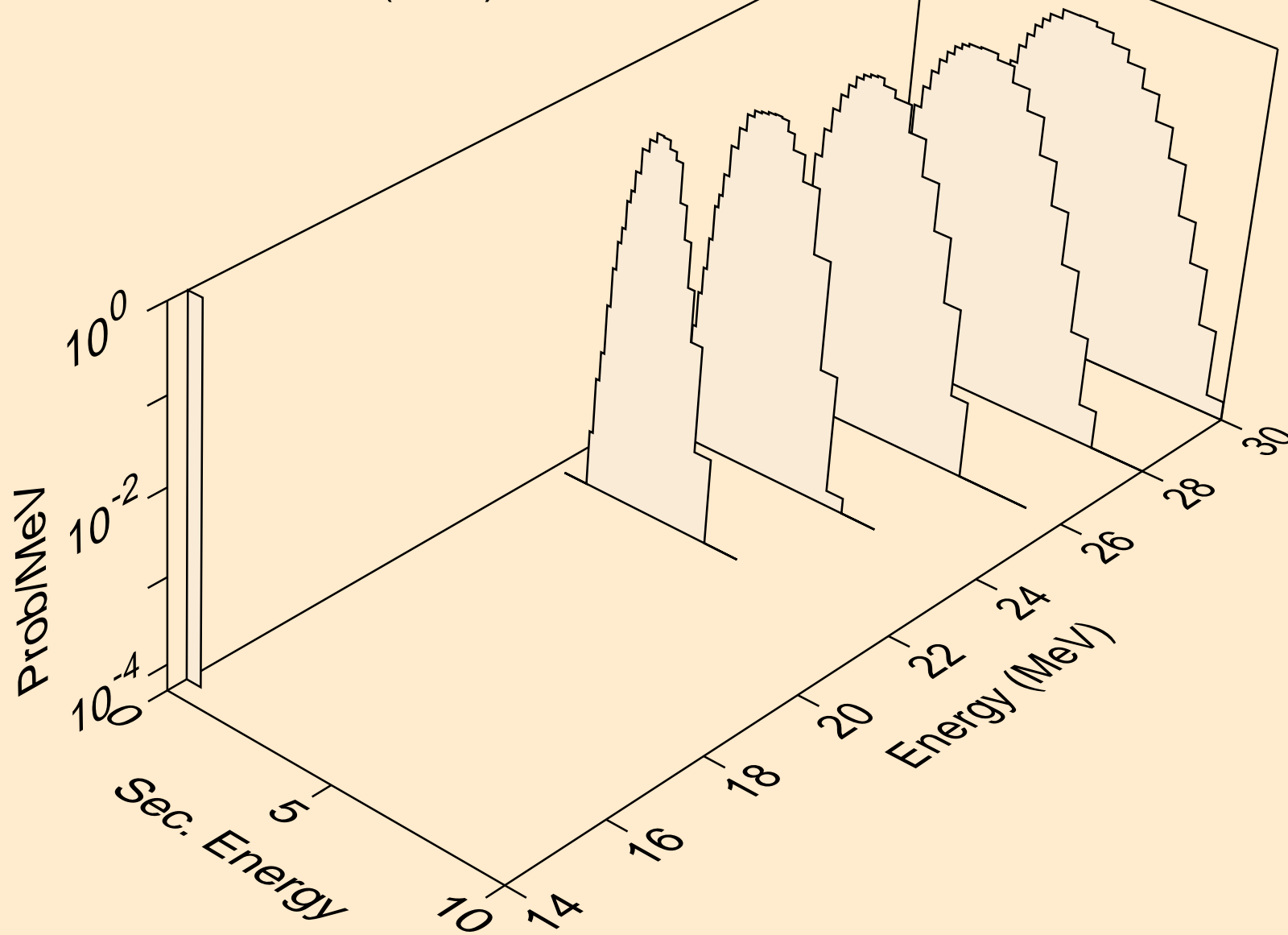


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deuterons from (a,pd)

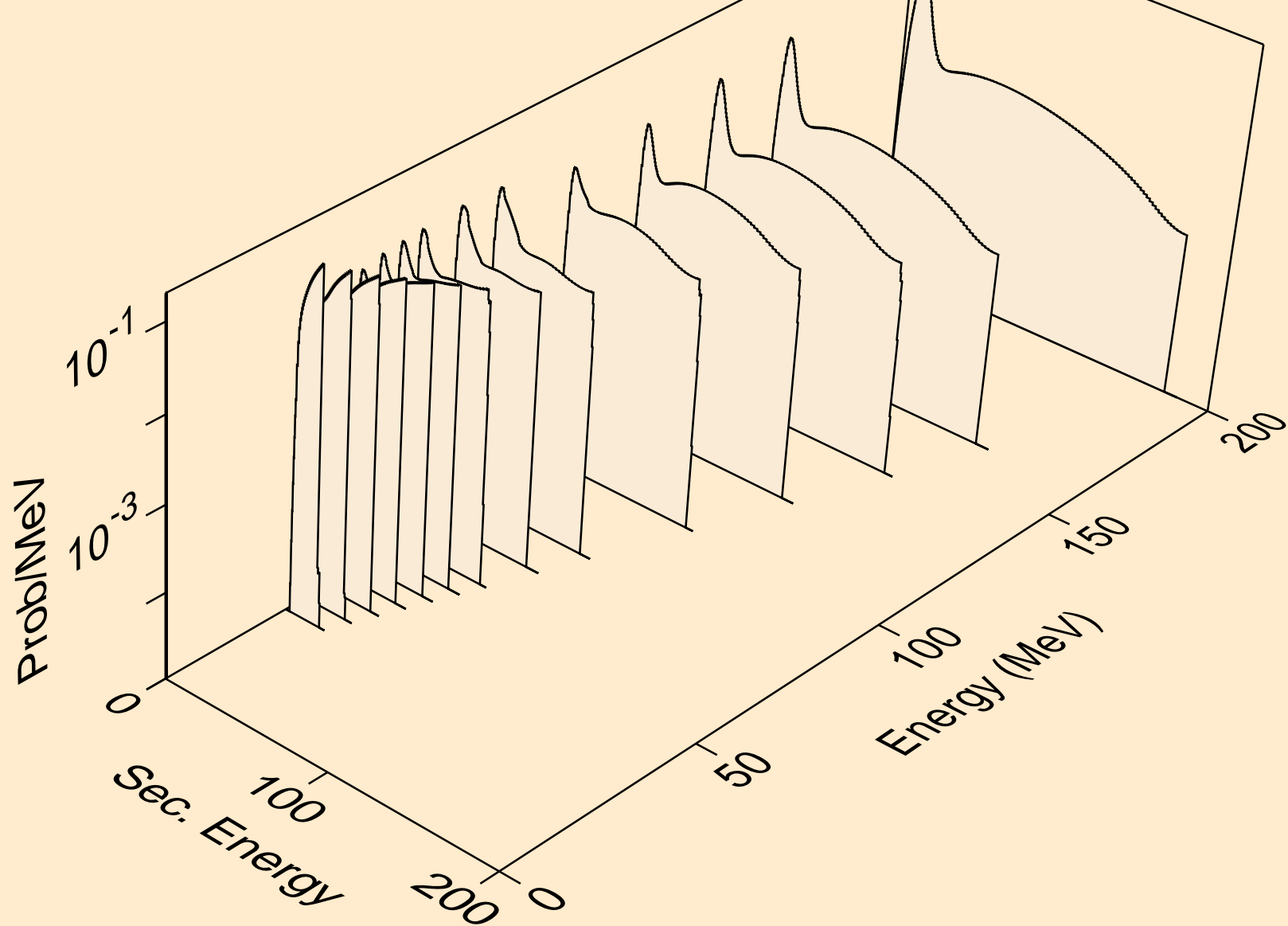




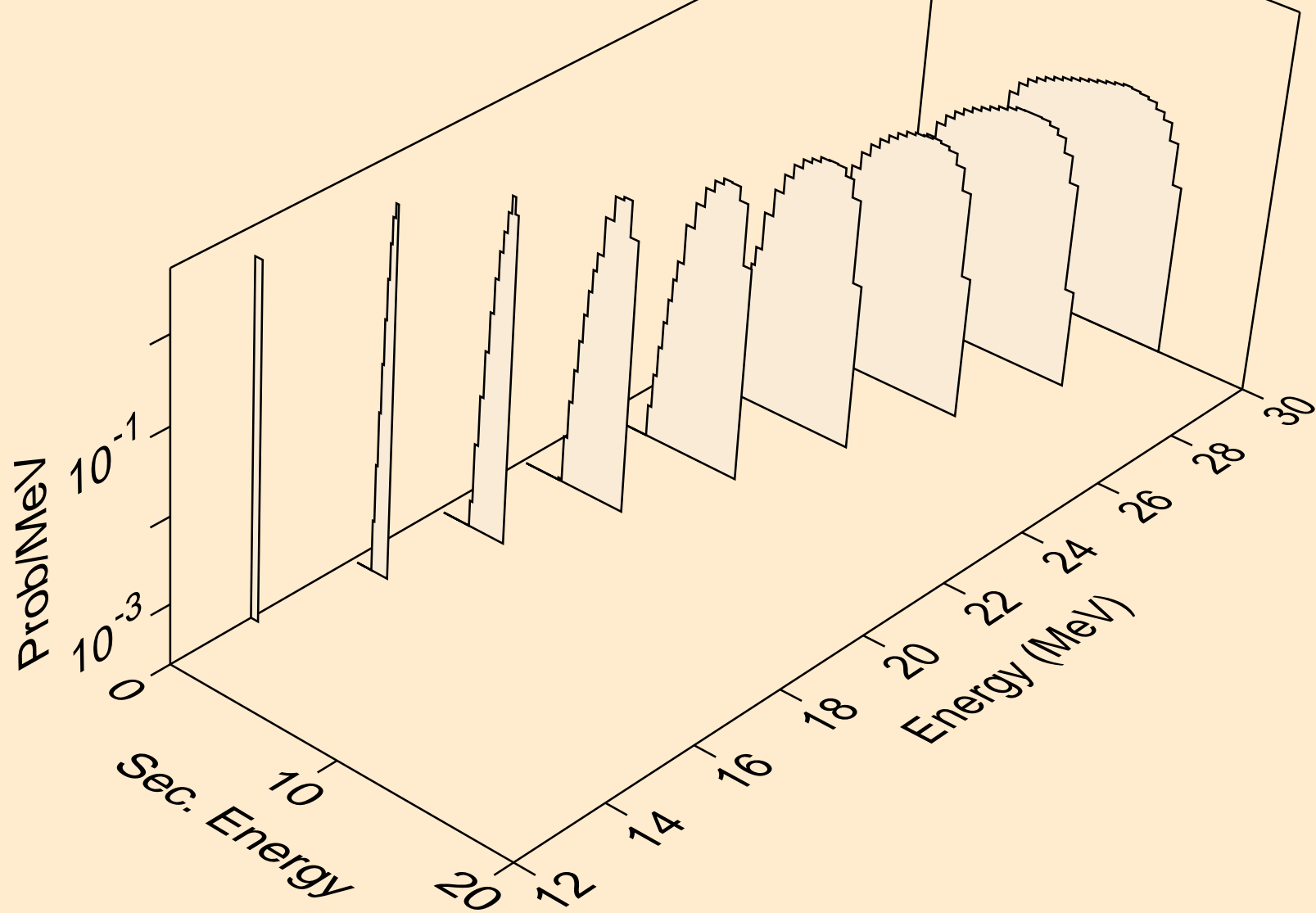
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deuterons from (a,da)



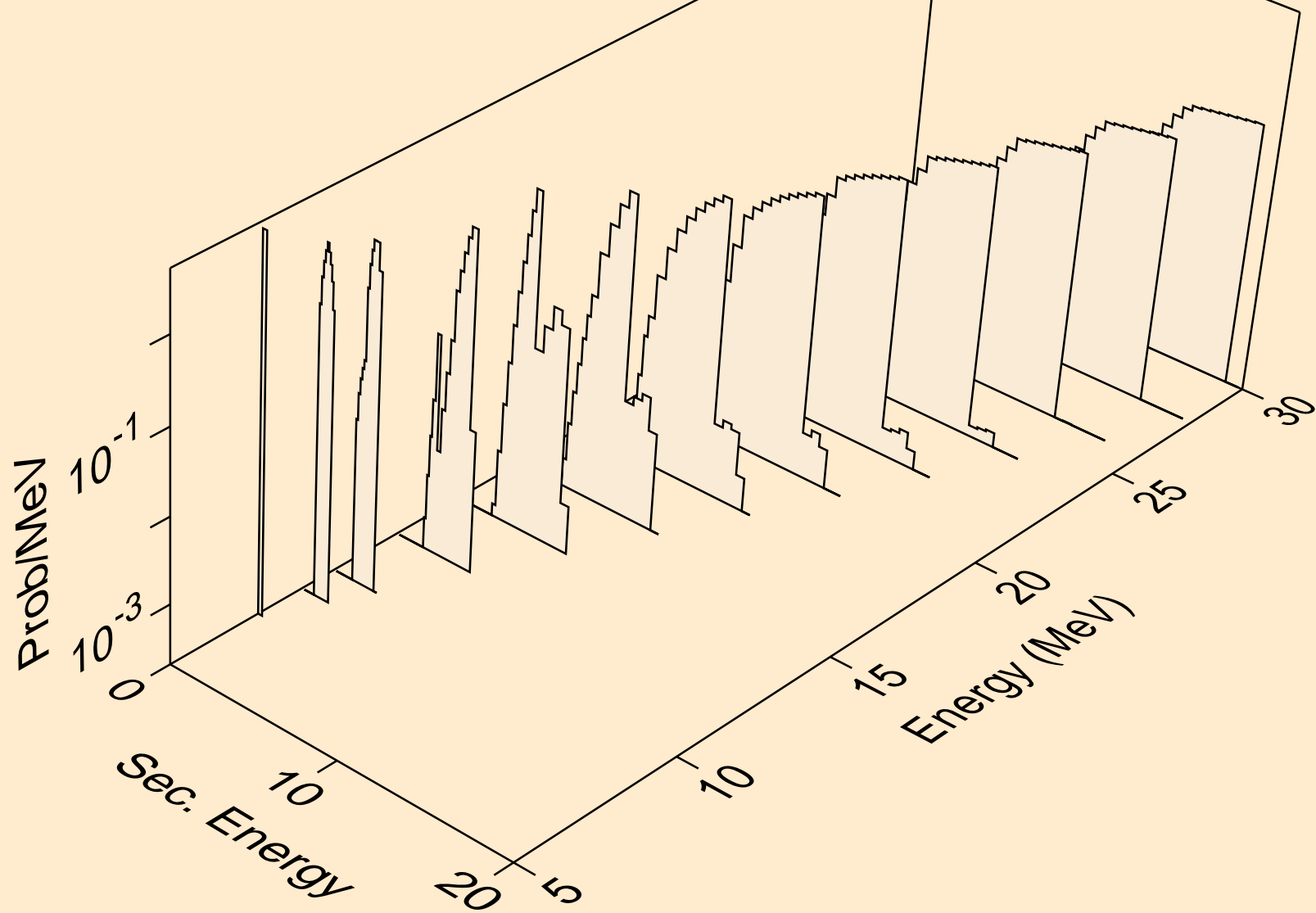
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tritons from (a,x)



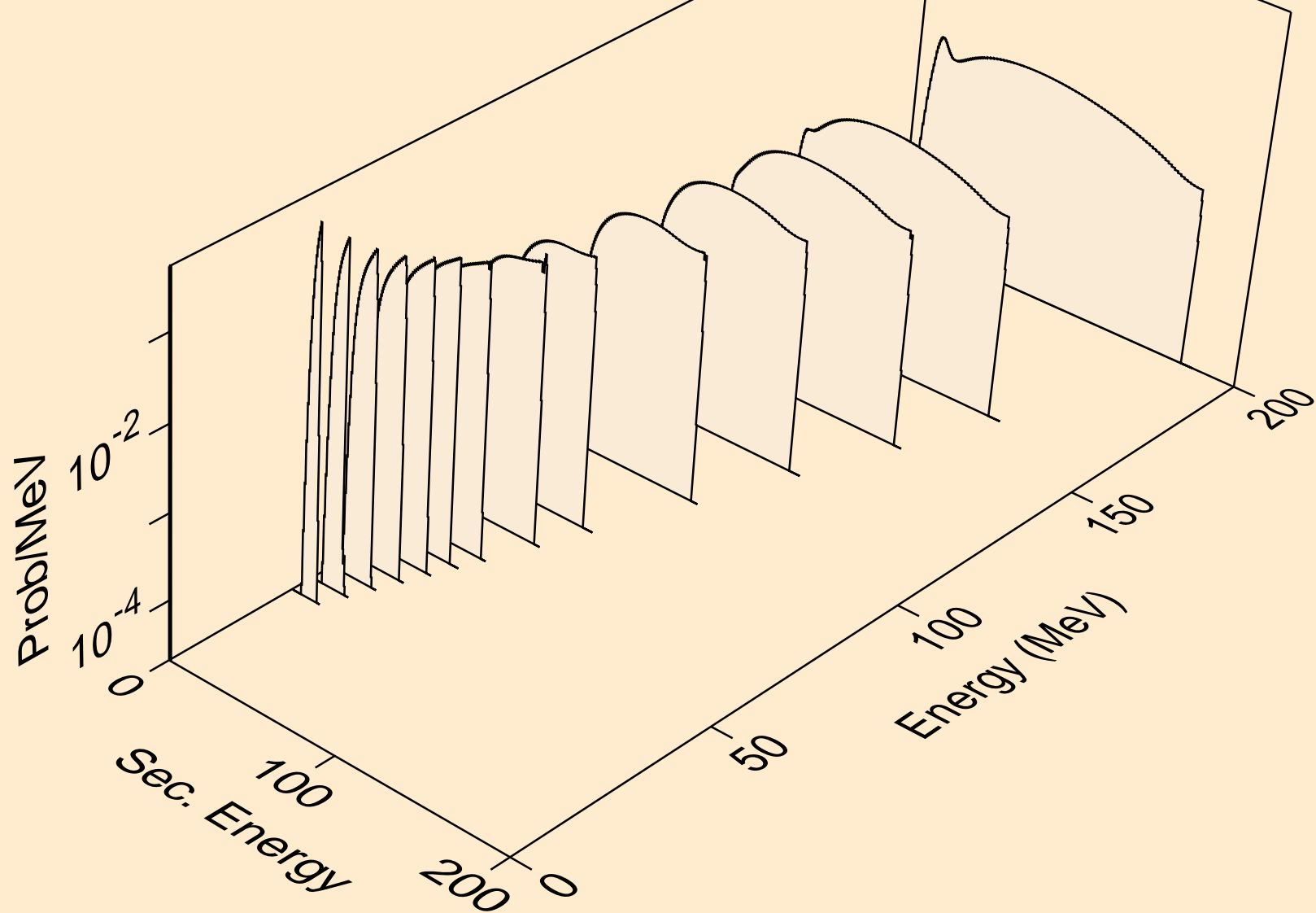
AS082 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,n\*)t



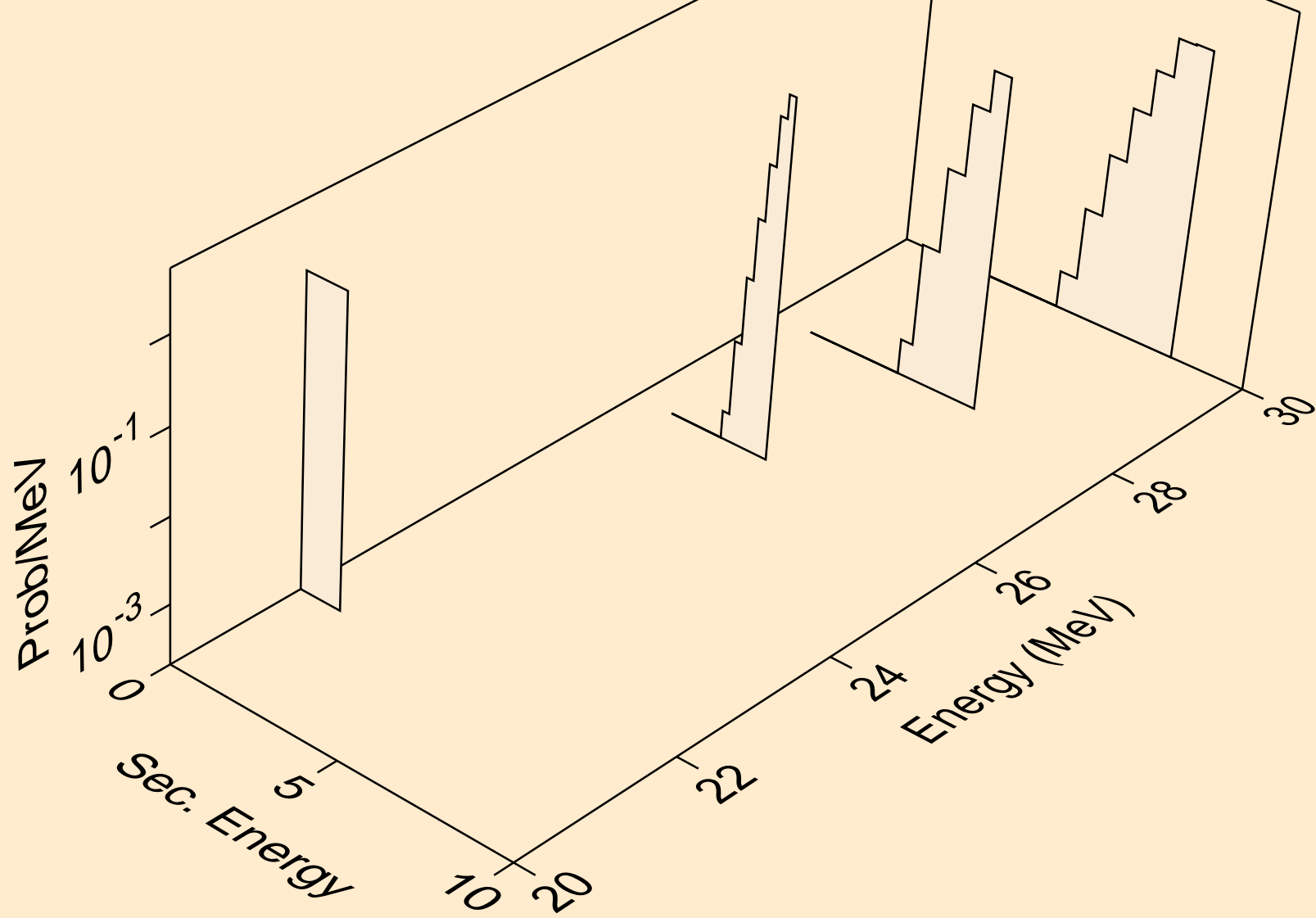
AS082 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,t)



AS082 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,x)



AS082 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,n\*)he3



AS082 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,he3)

