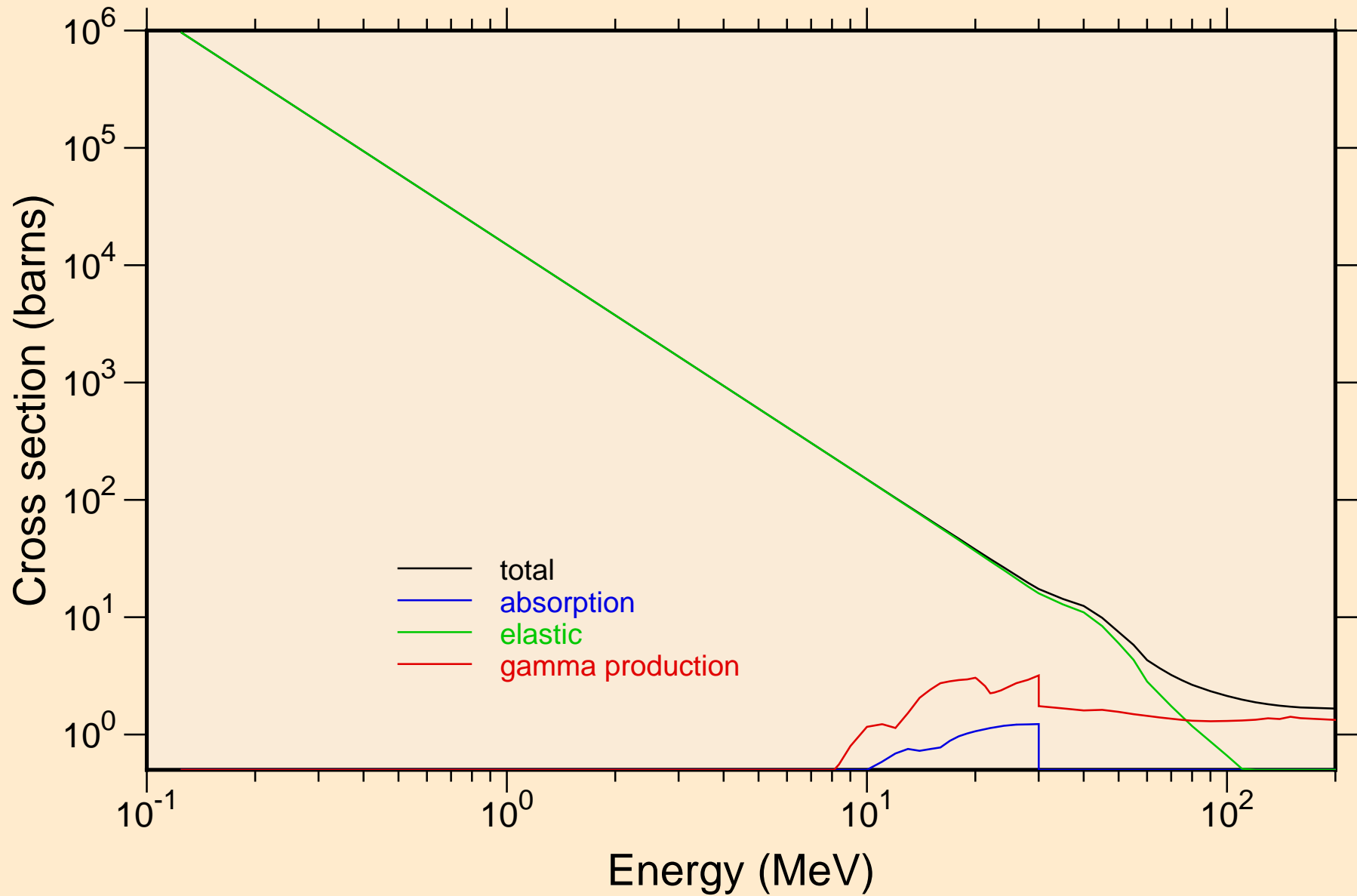


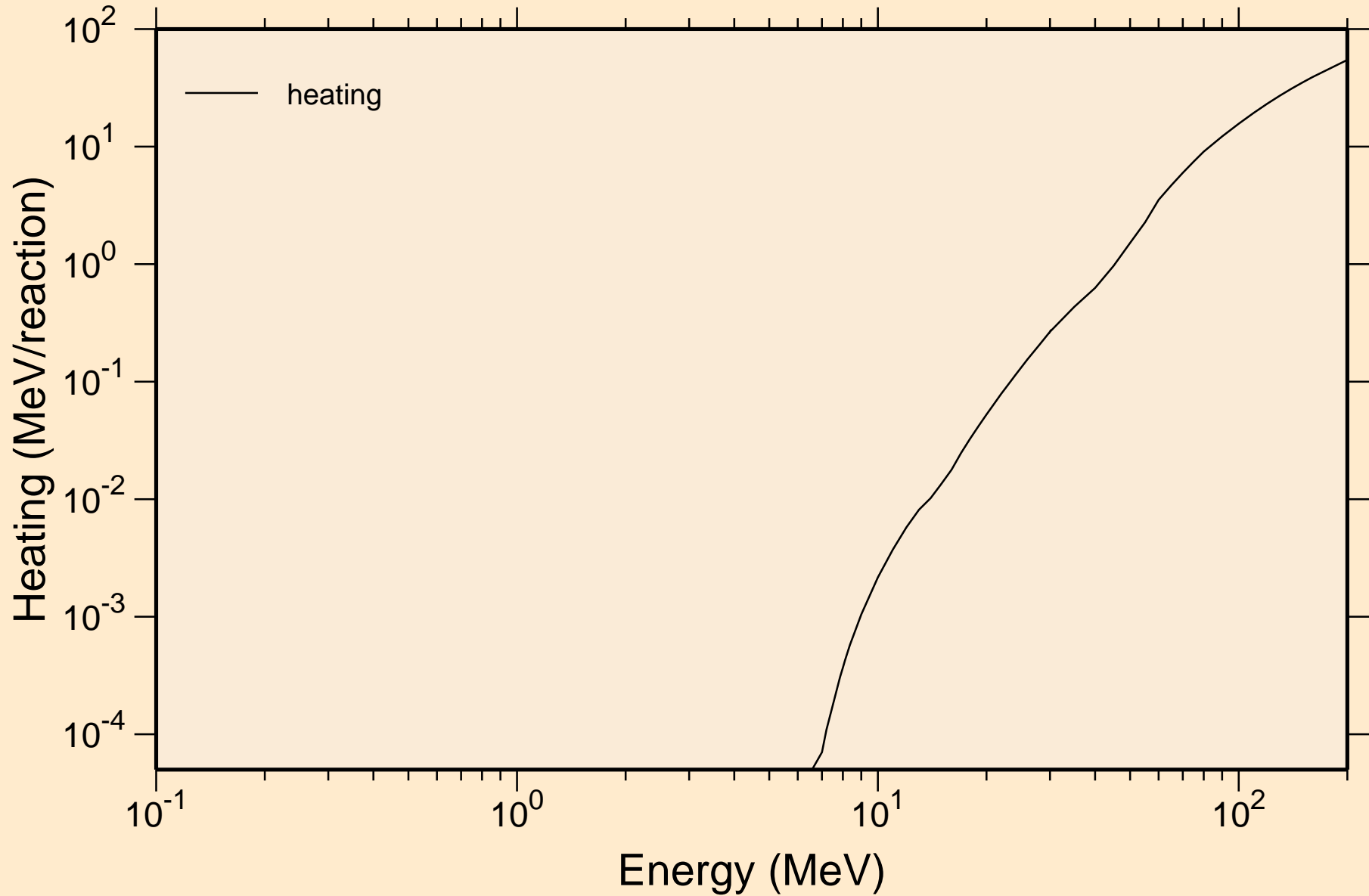
# V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



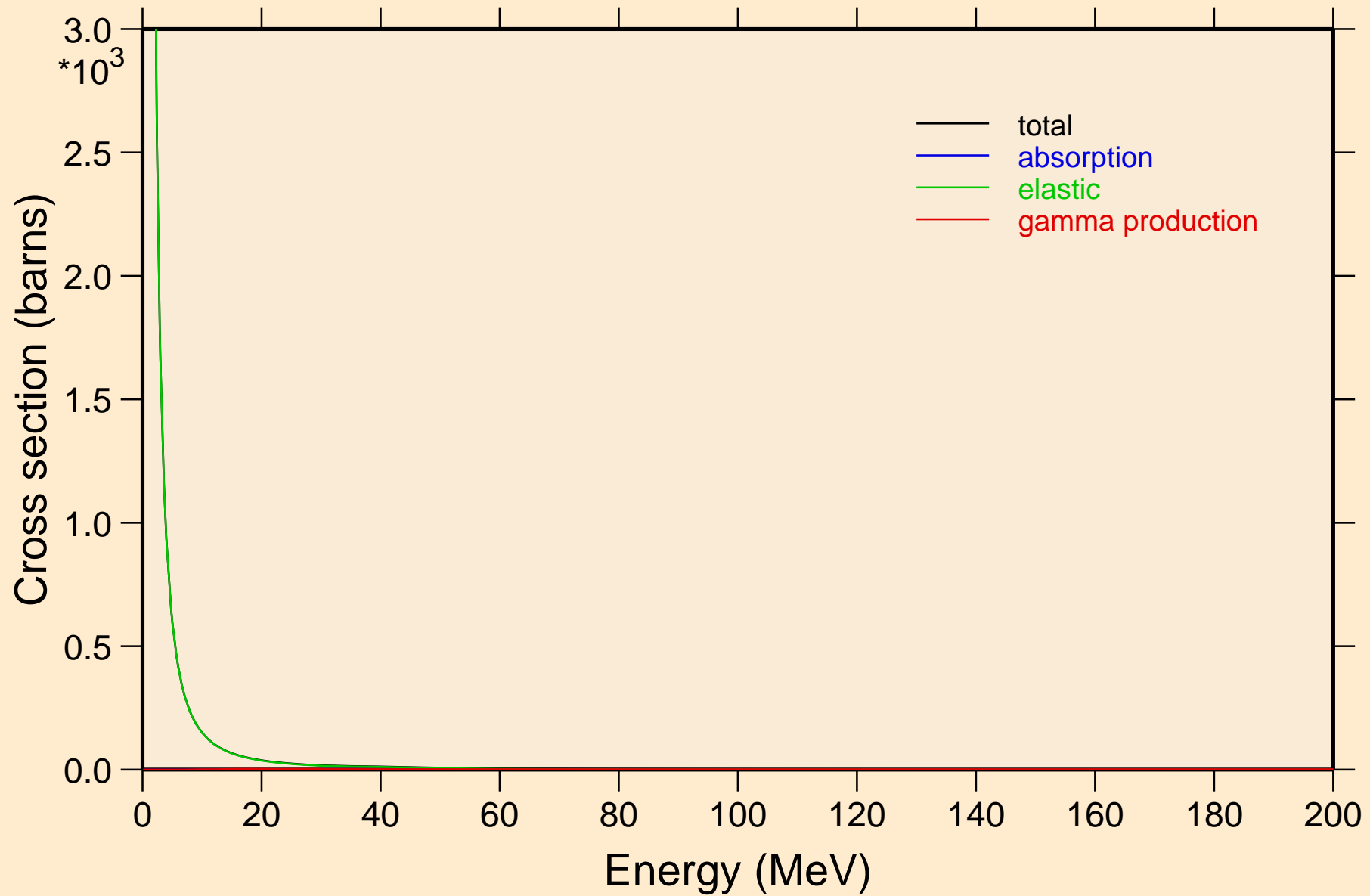
V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating



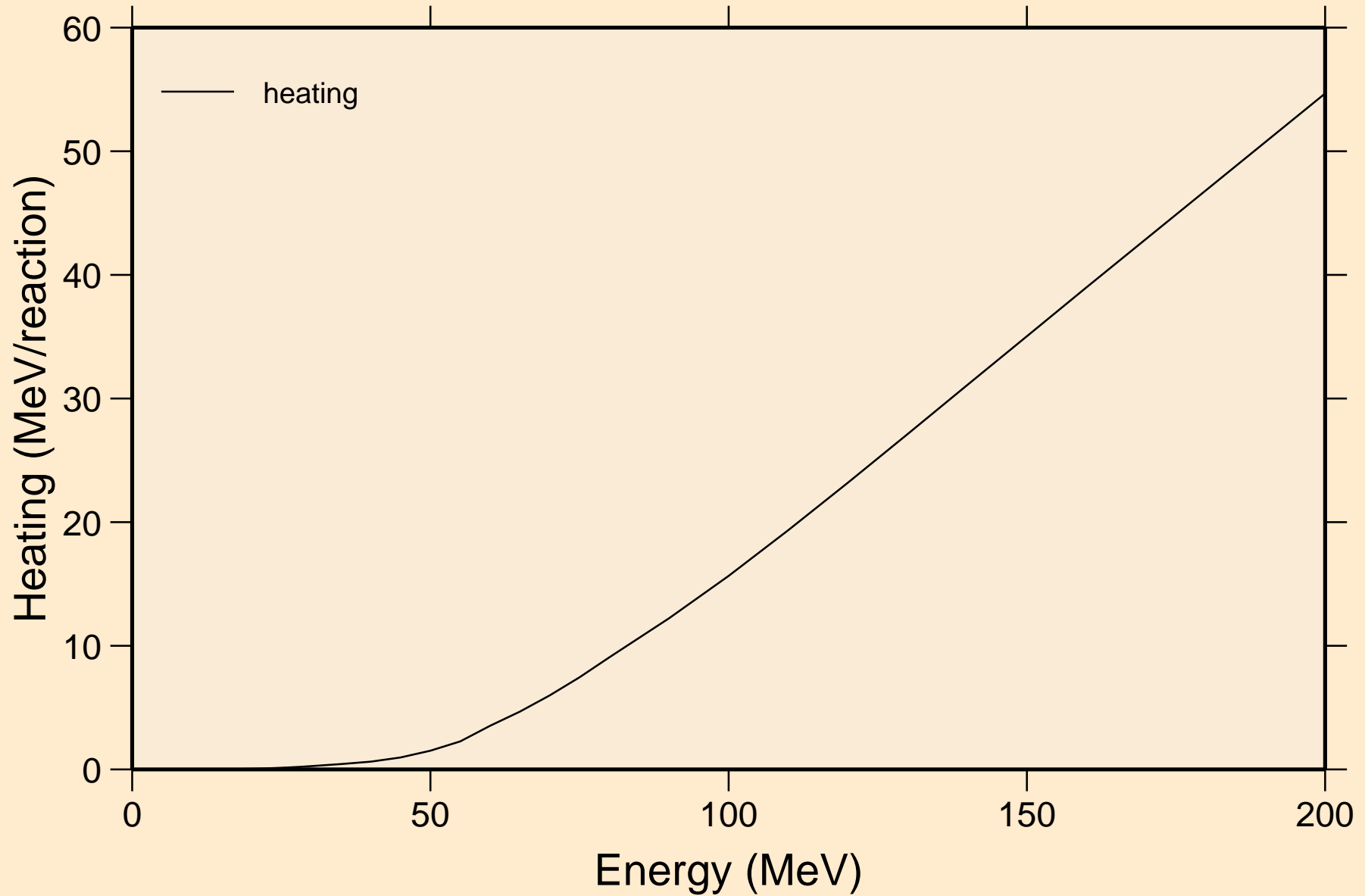
# V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



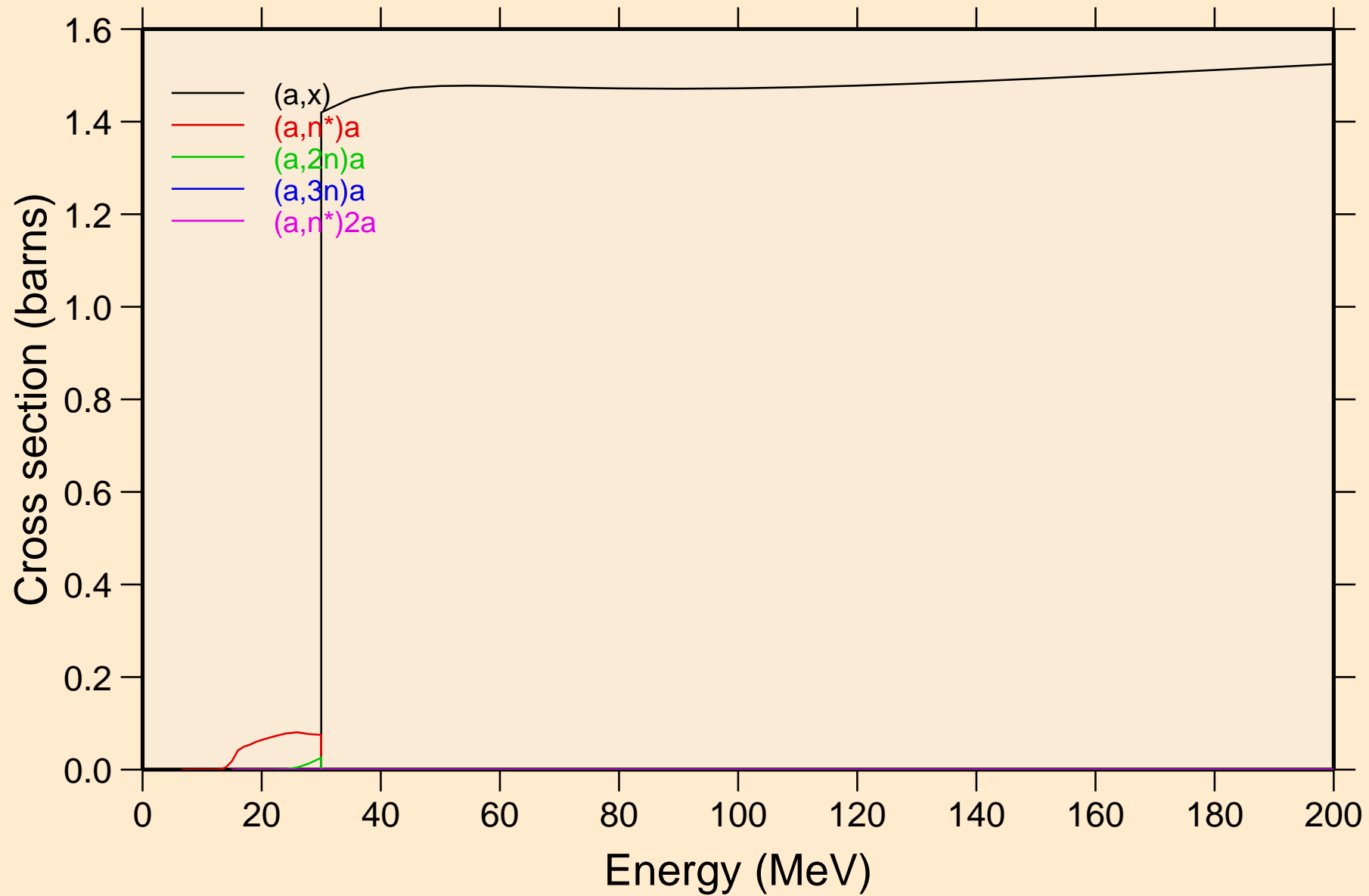
V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating

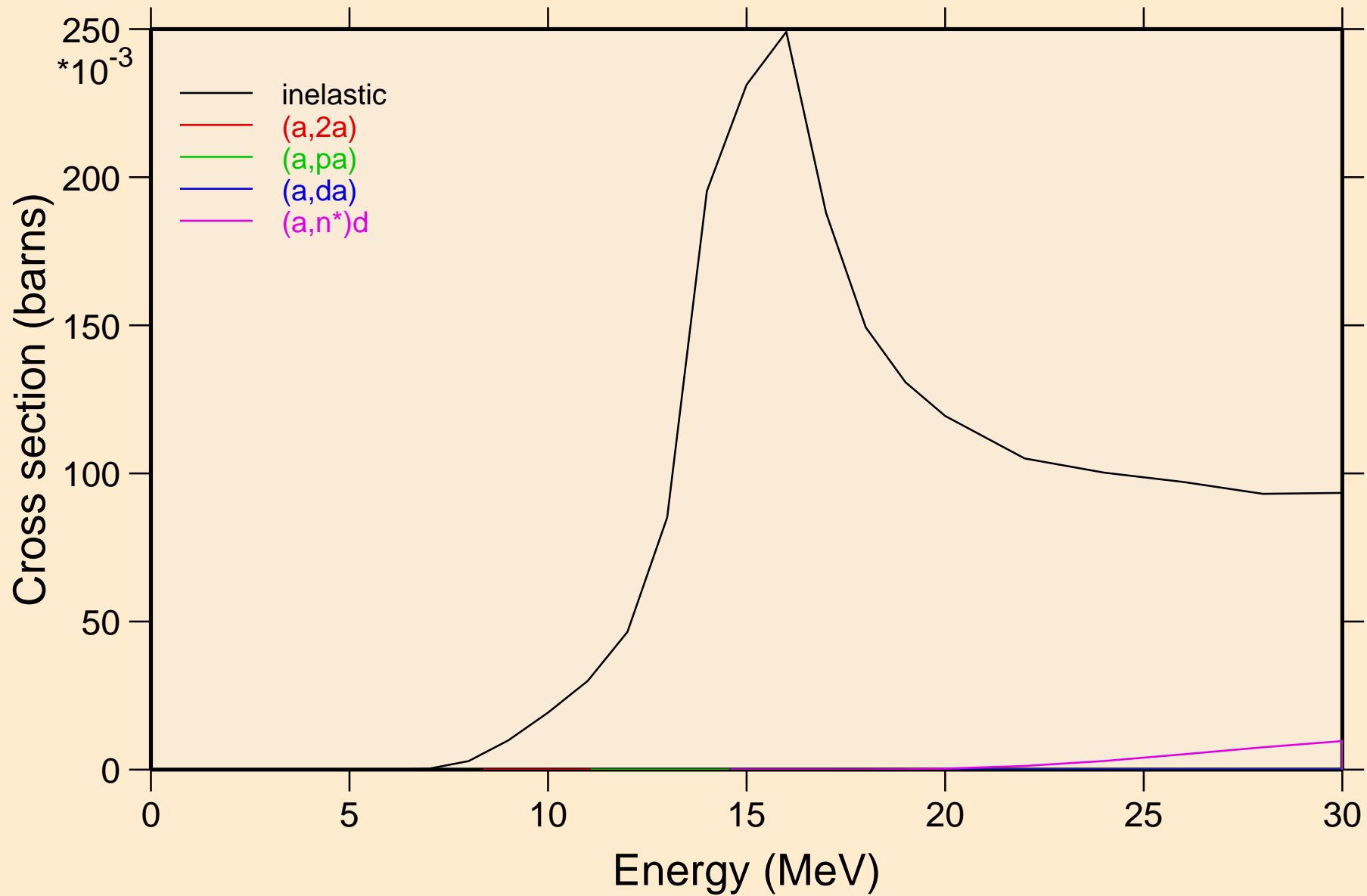


# V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

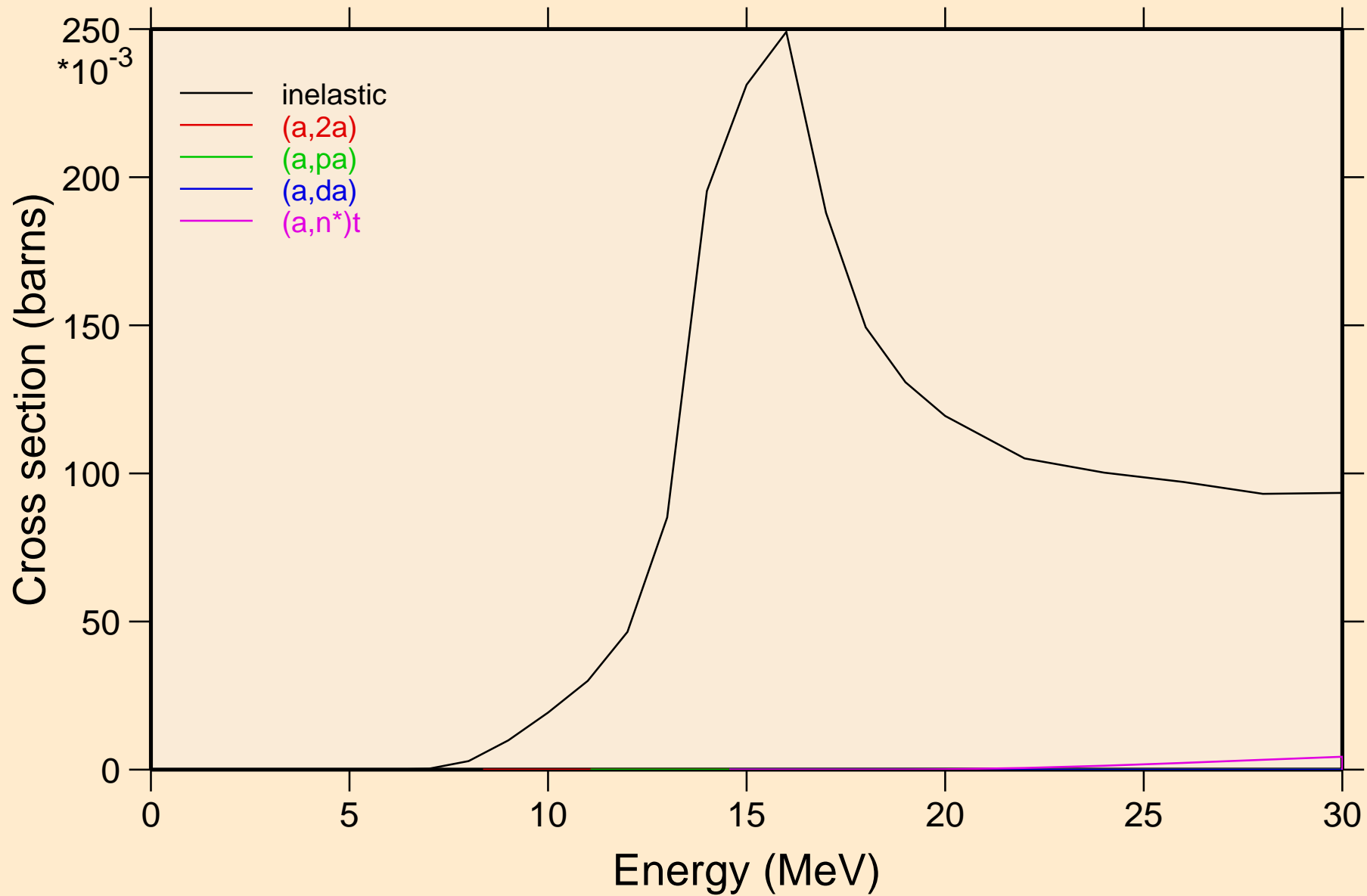
## Threshold reactions



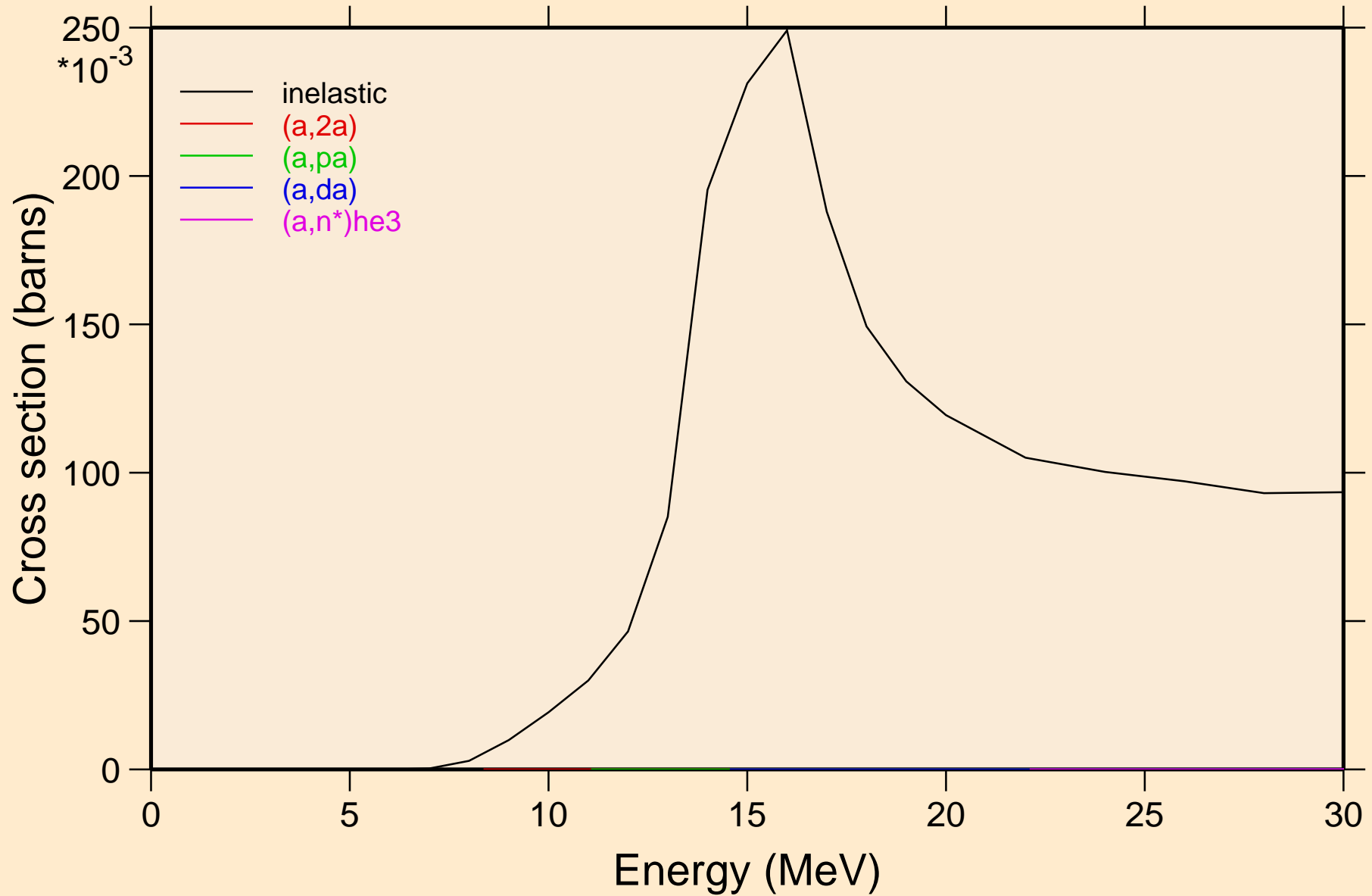
V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

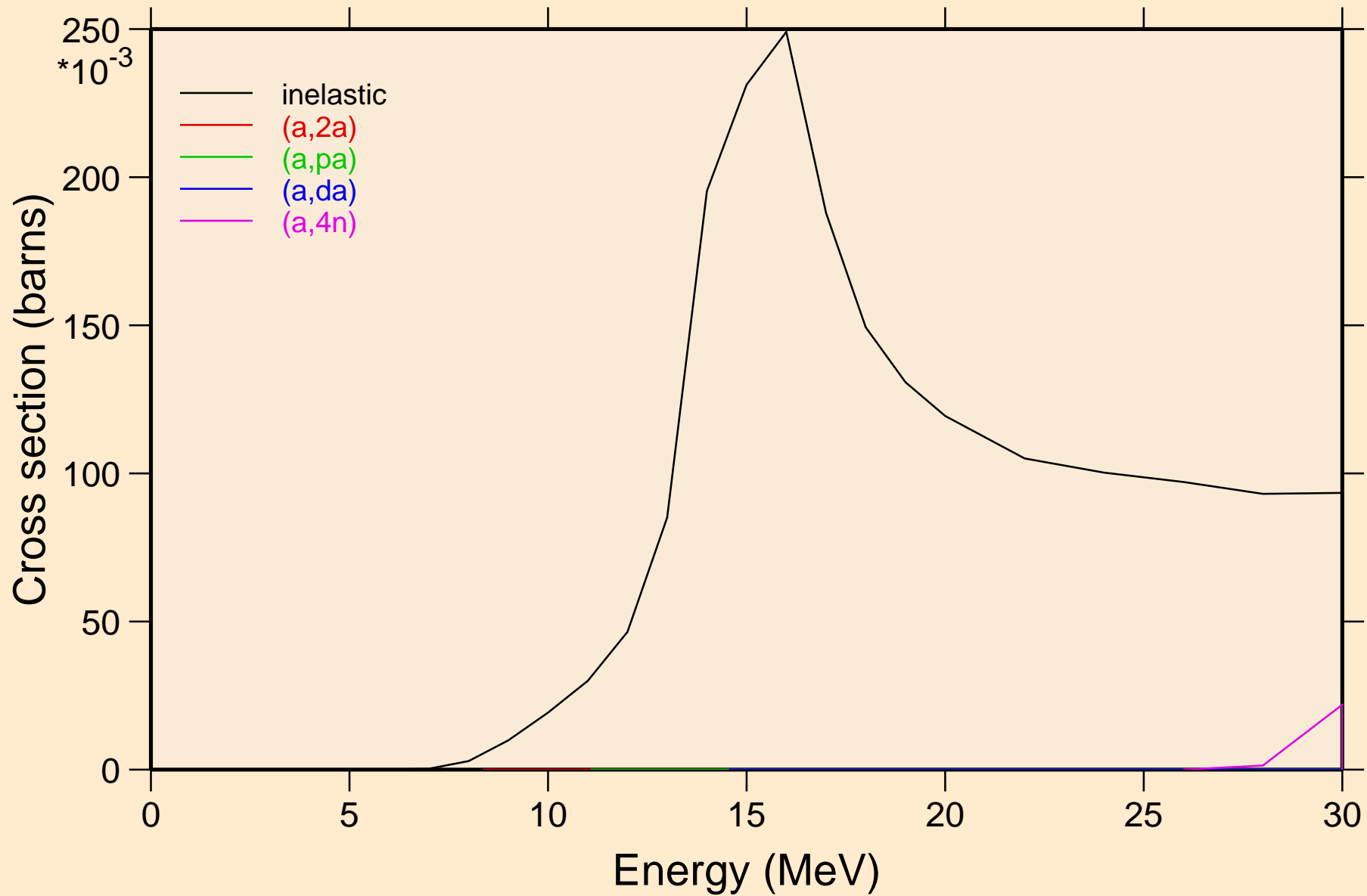


V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

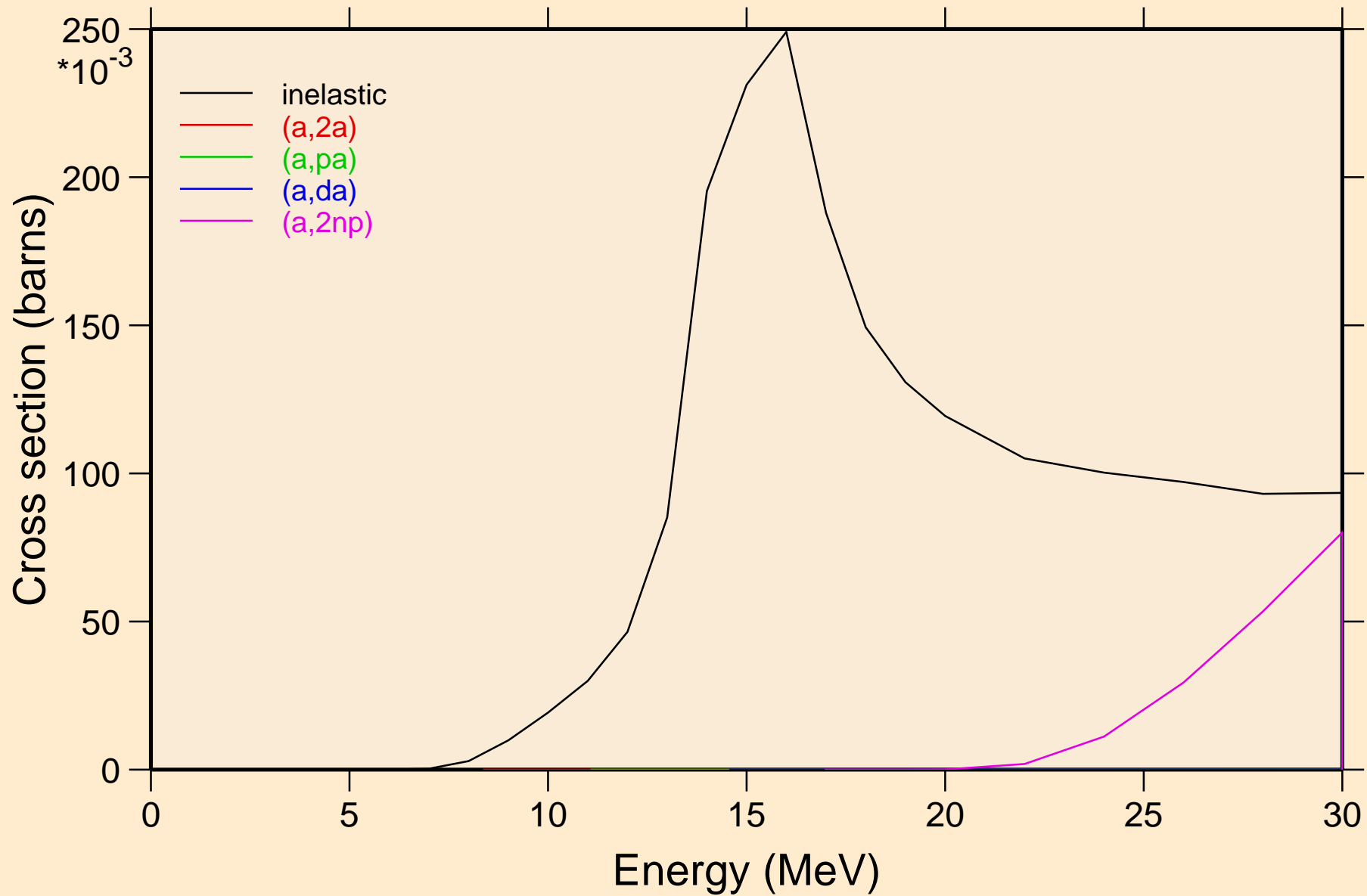




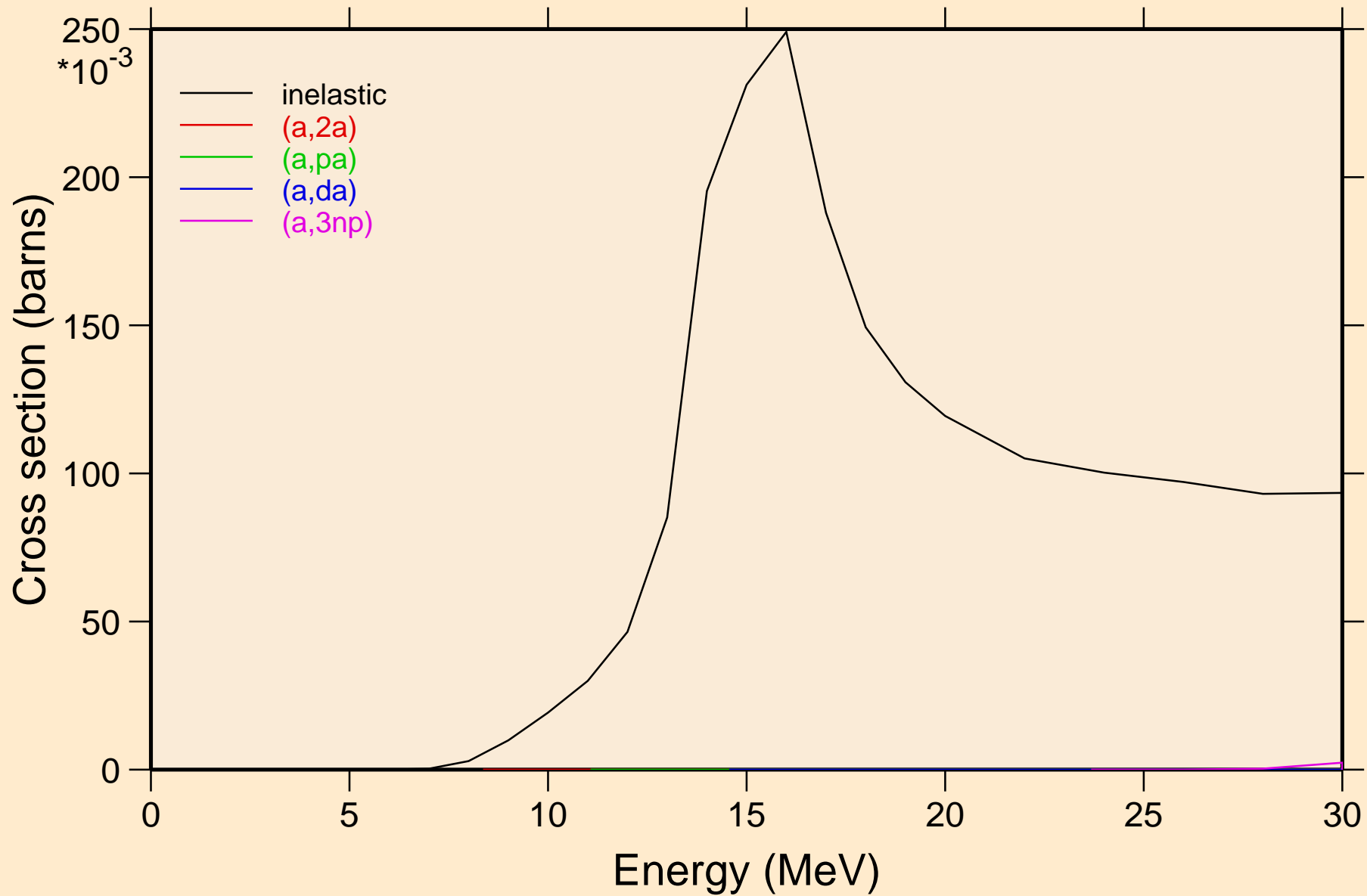
V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



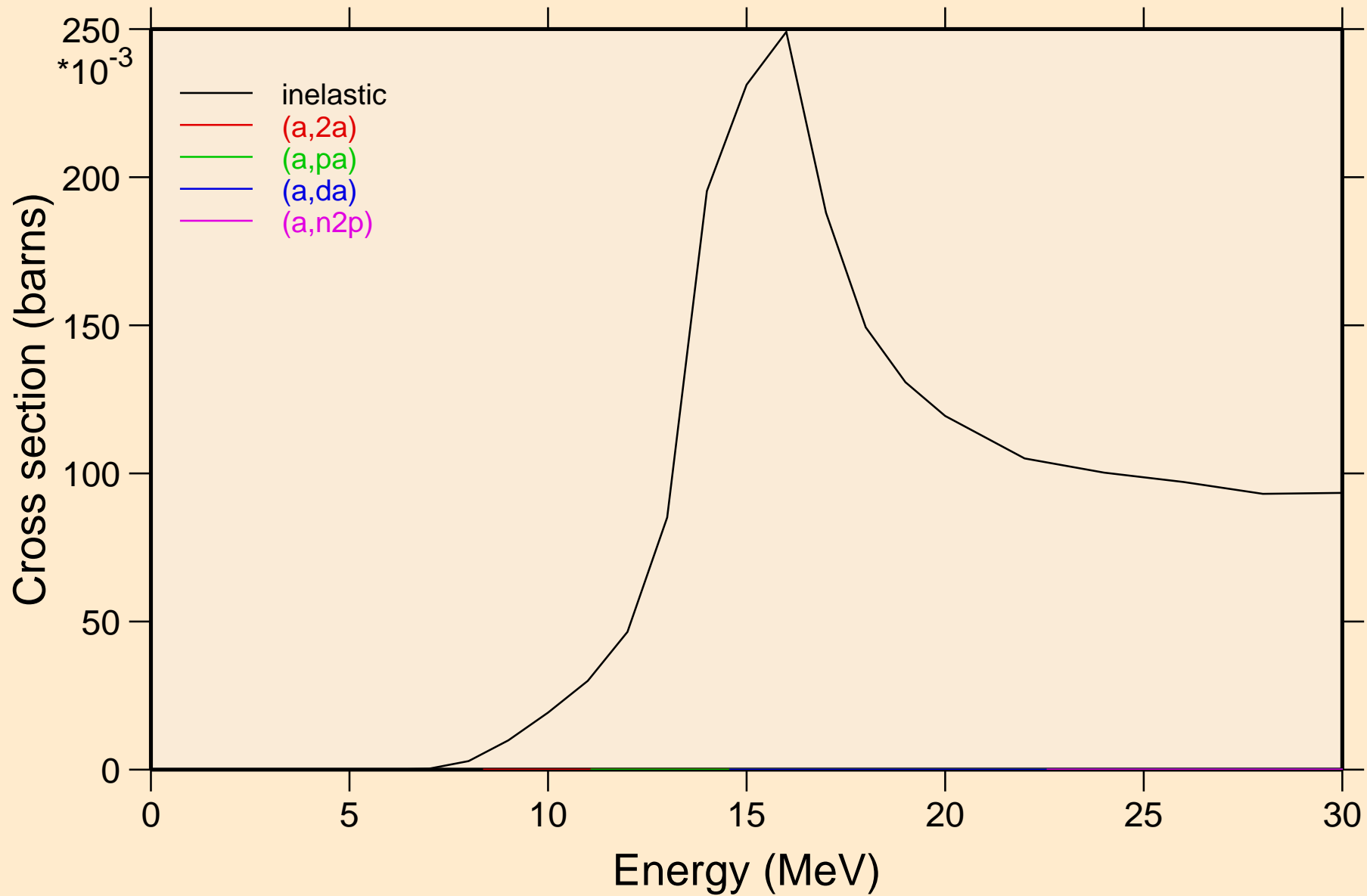
V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



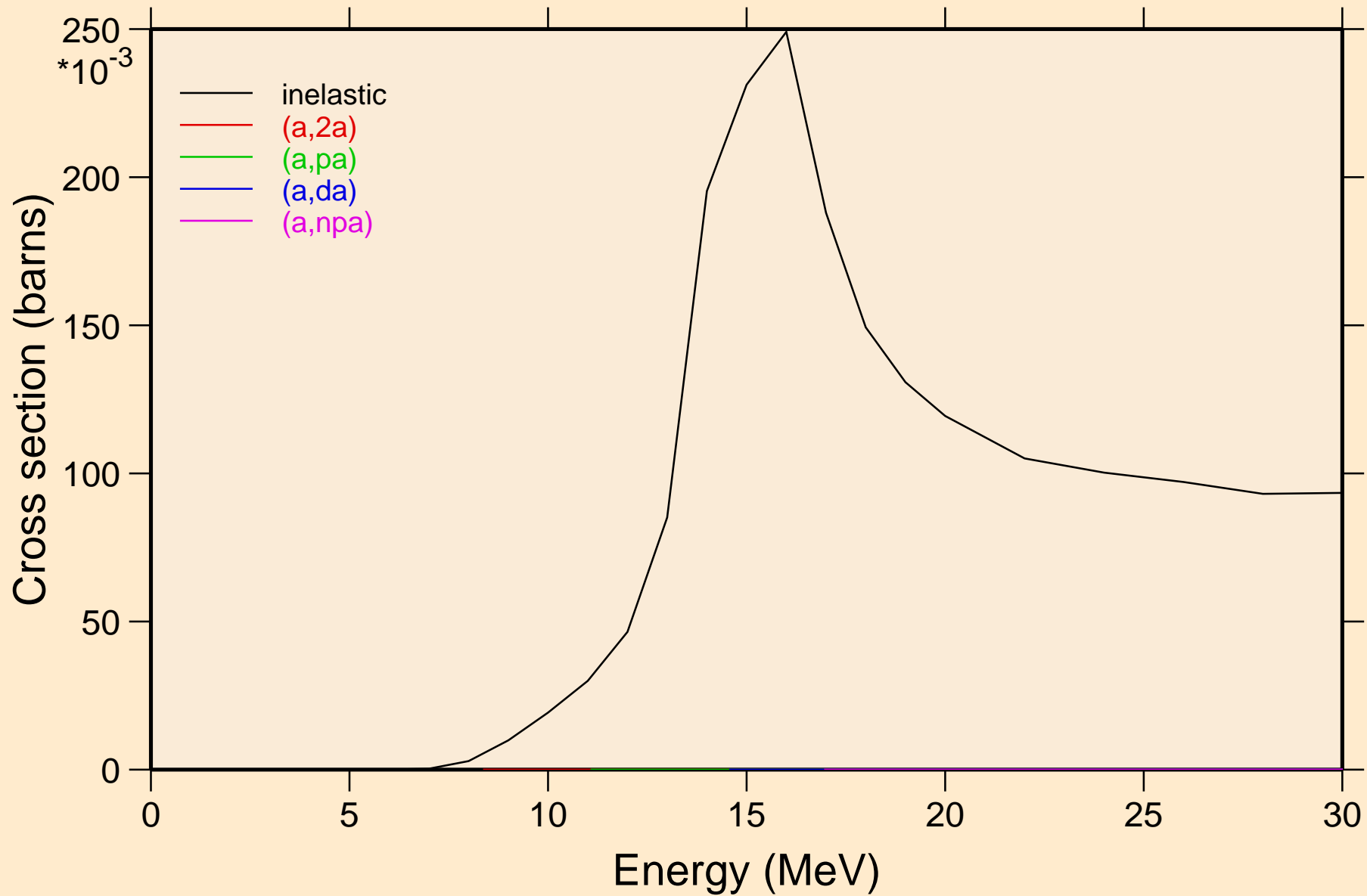
V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



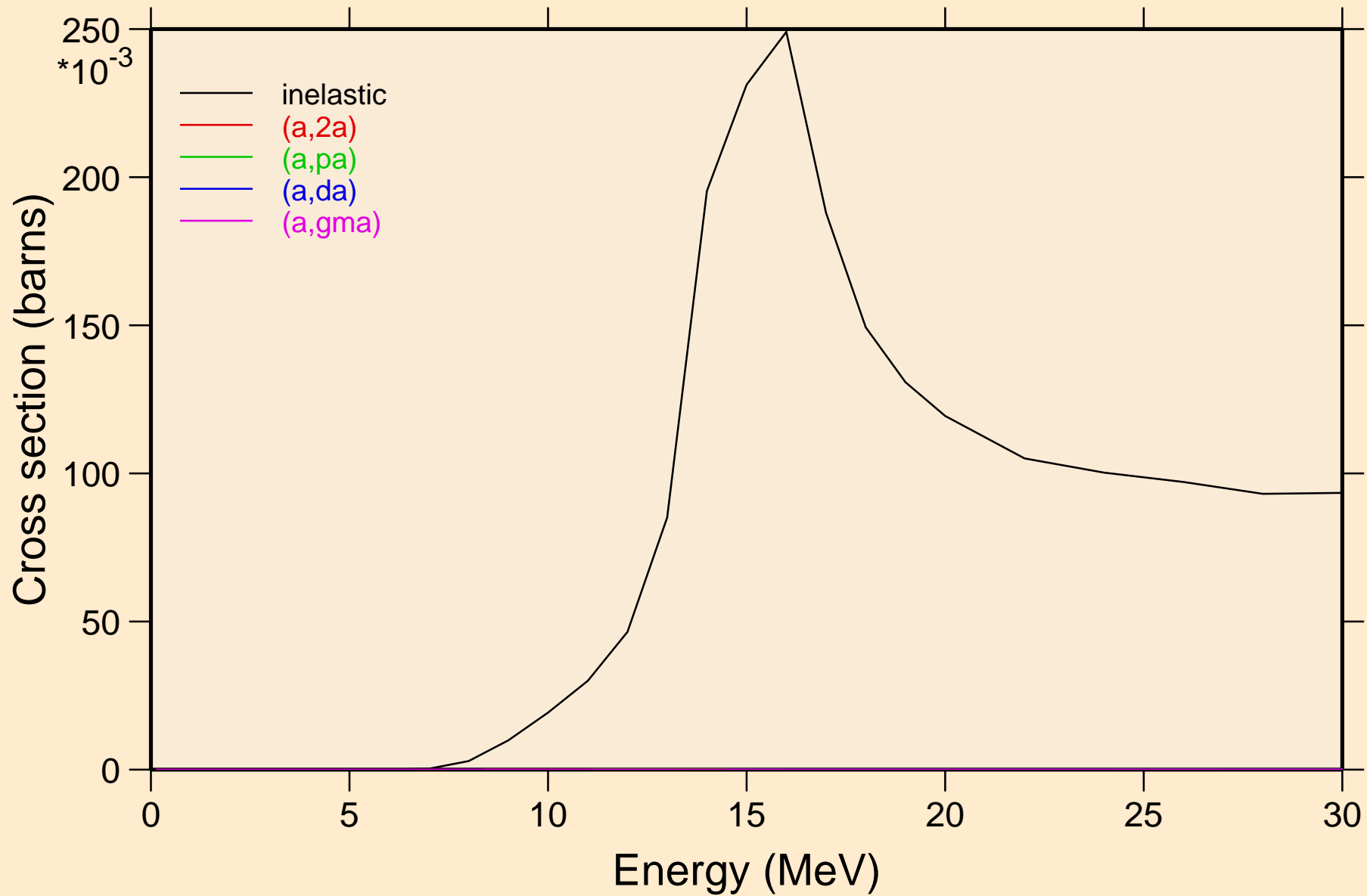
V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



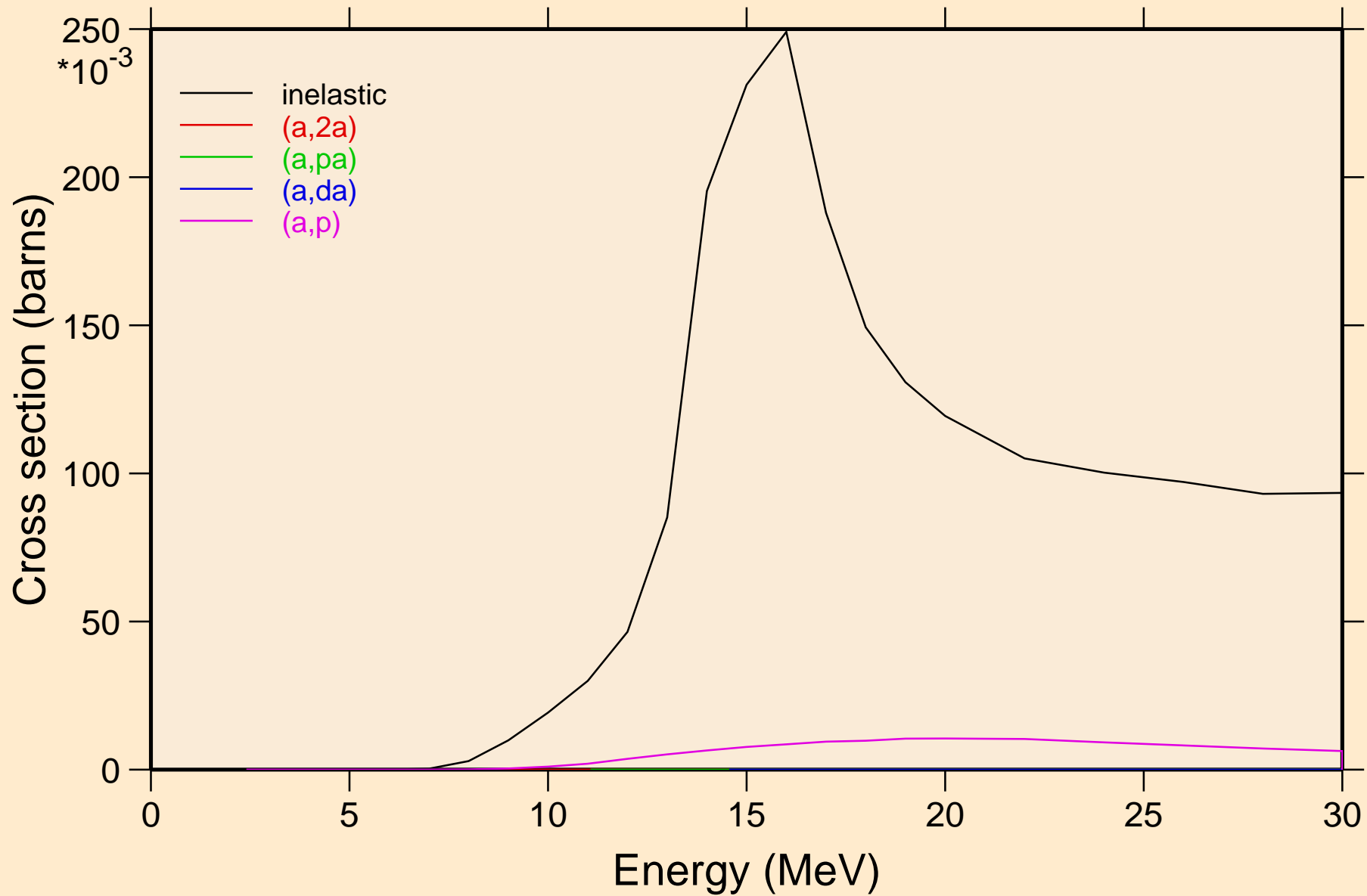
V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



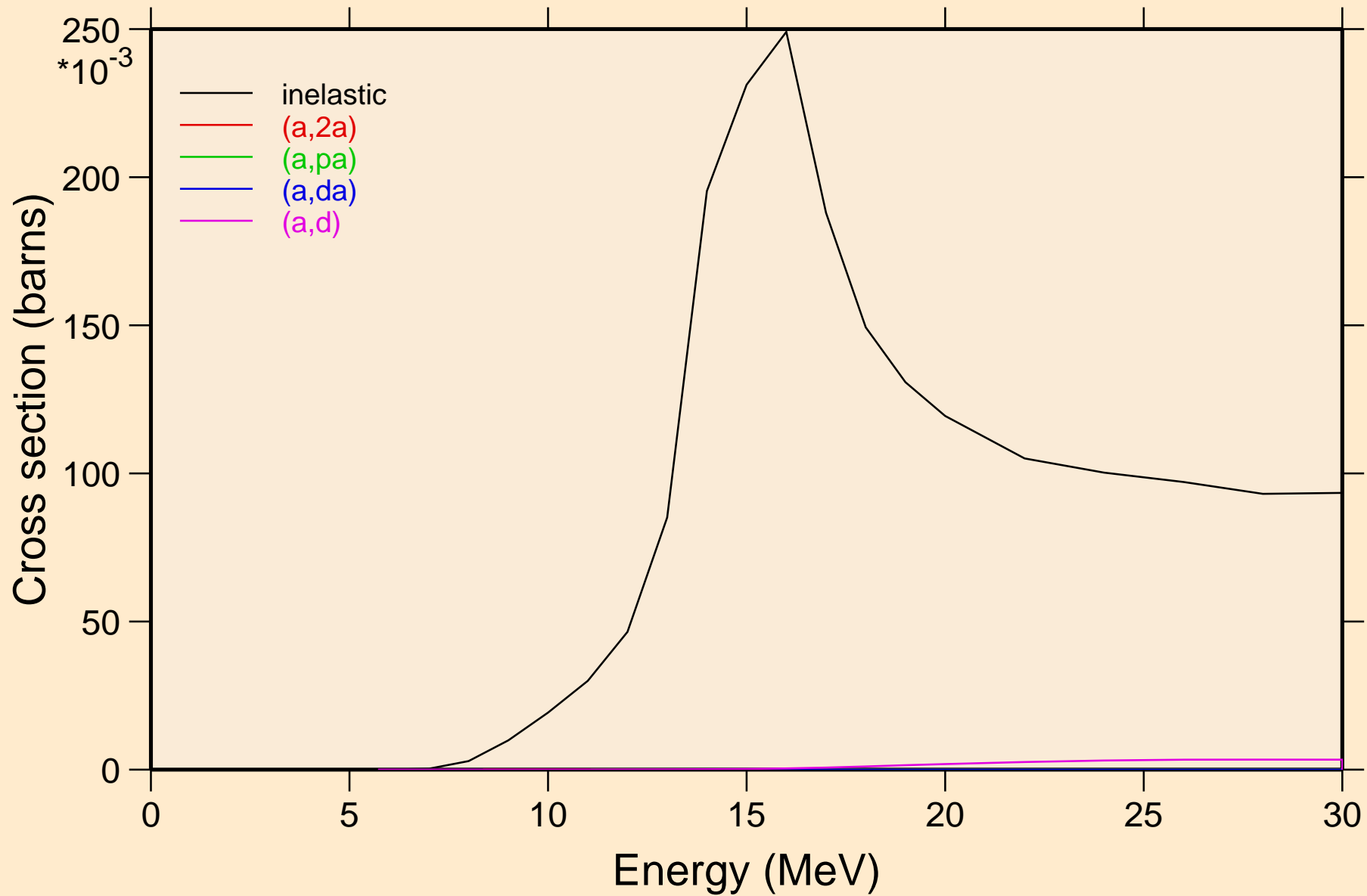
V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

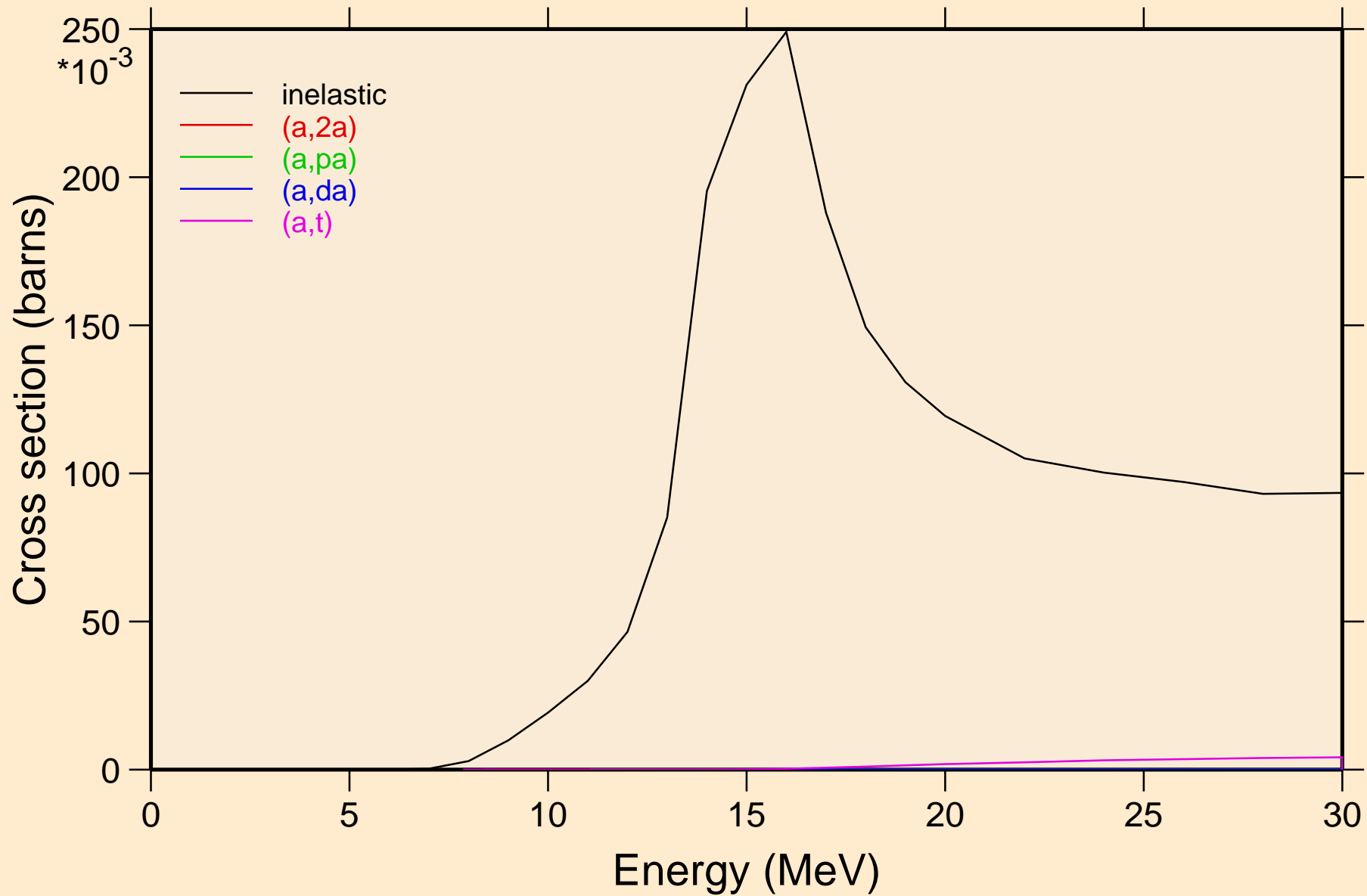


V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

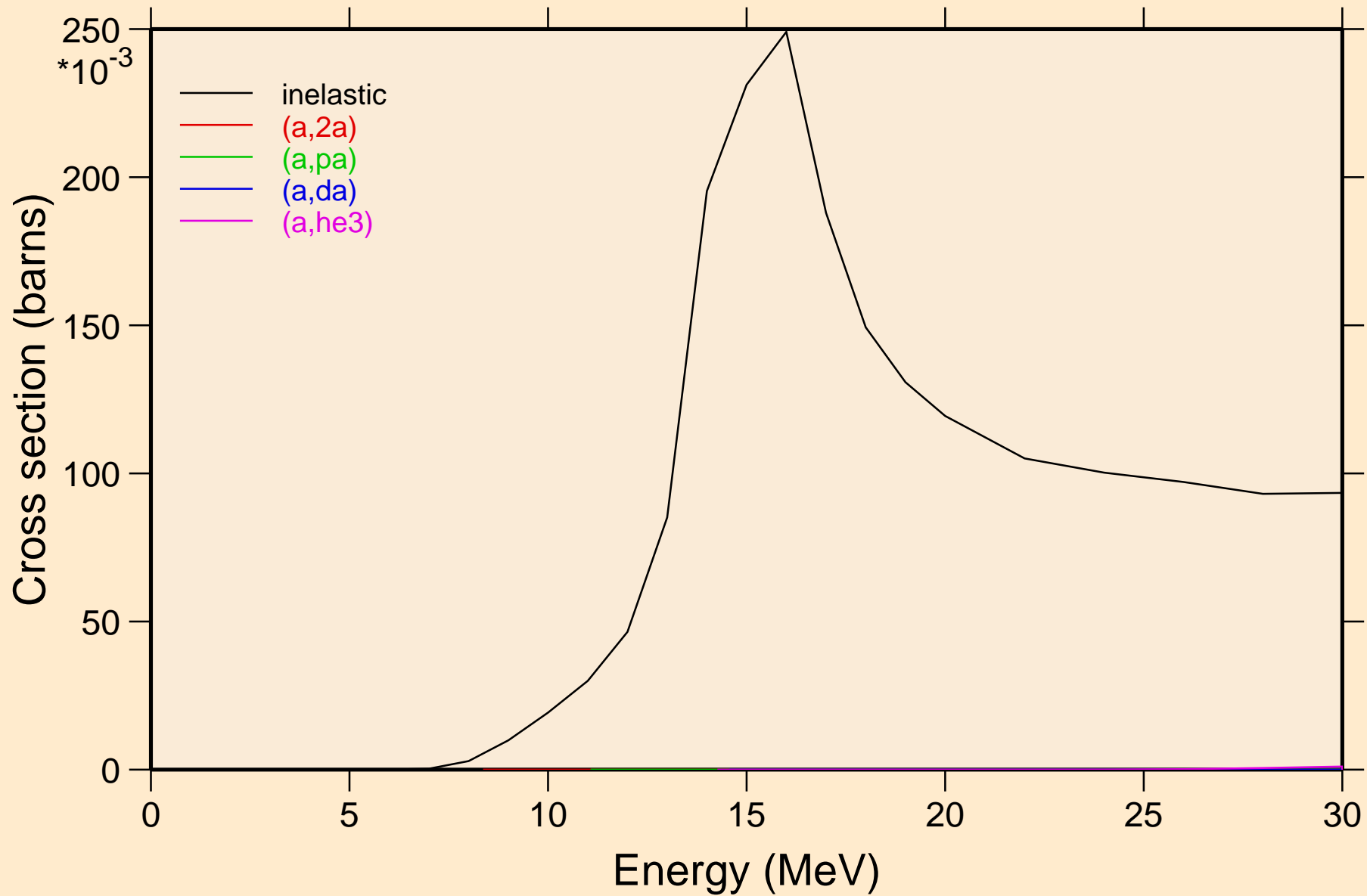




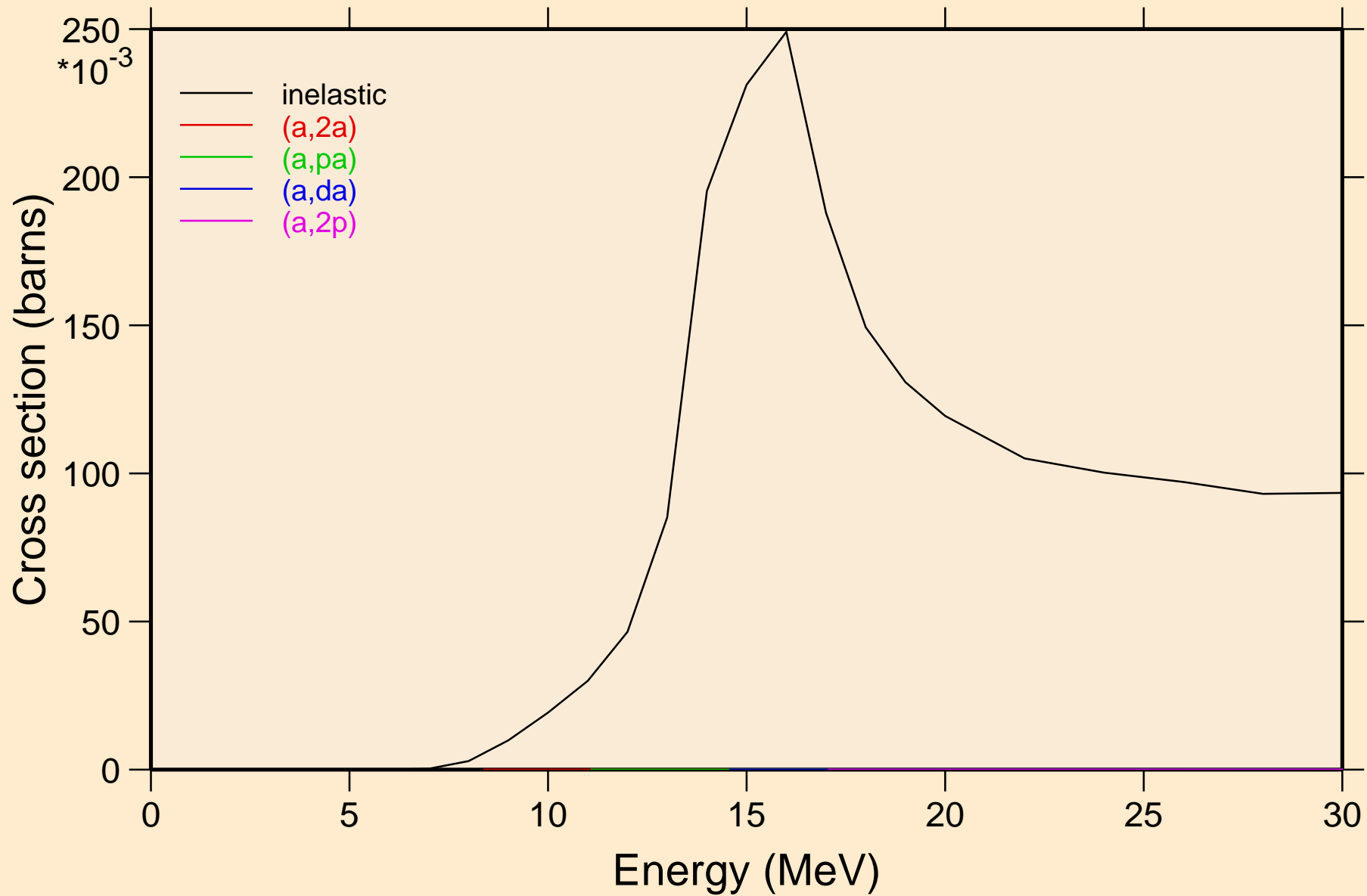
V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



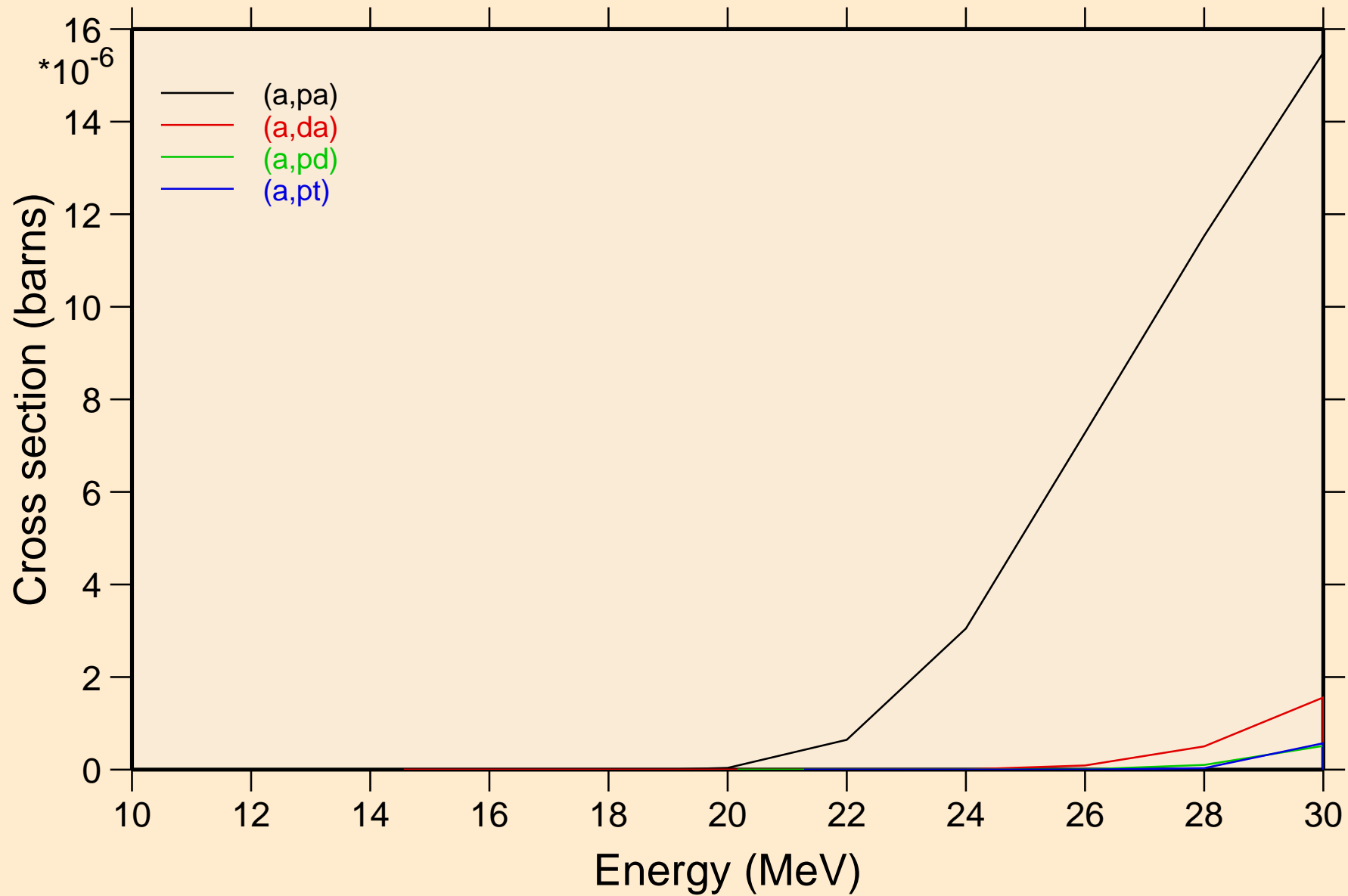
V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



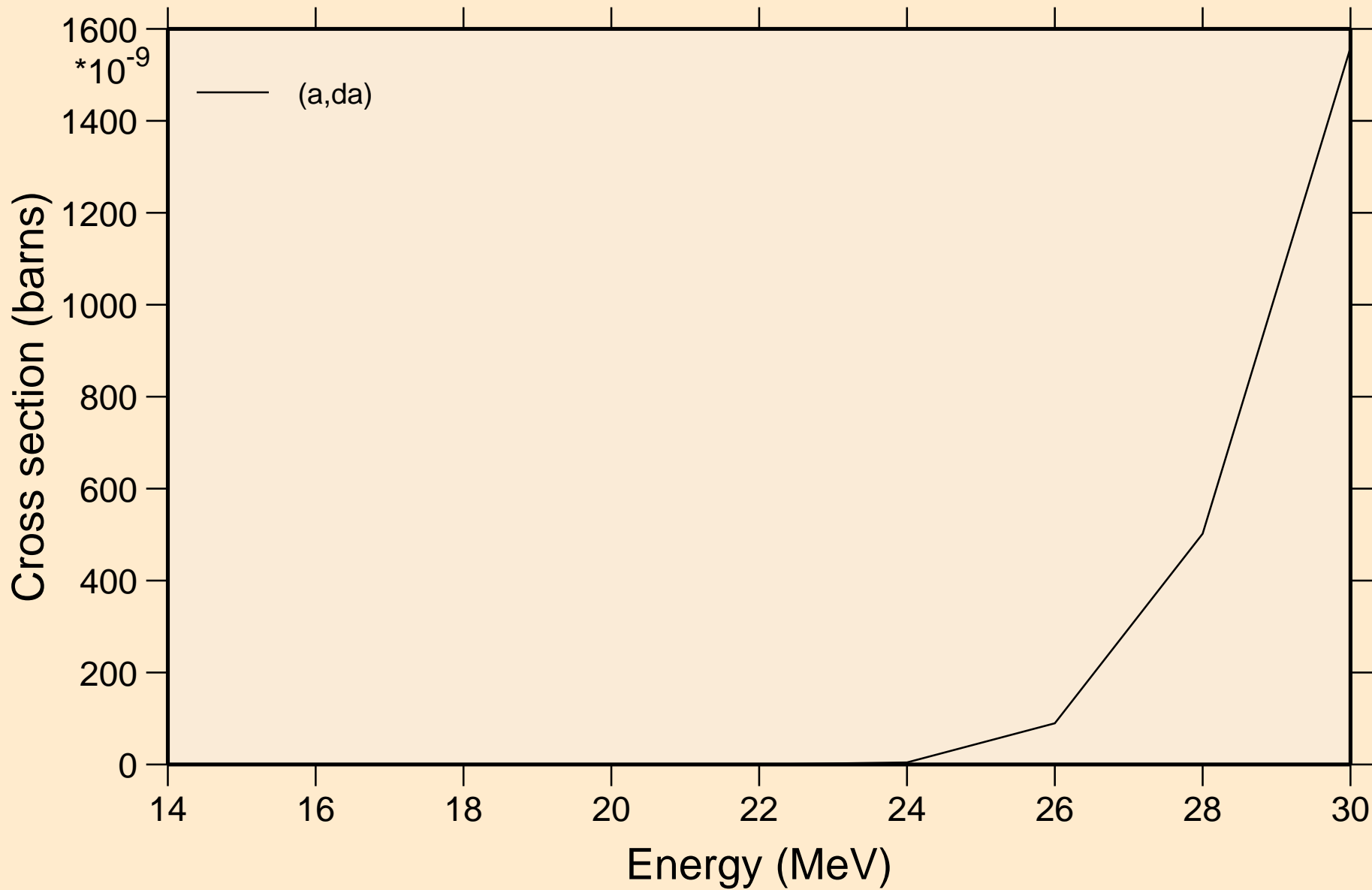
V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



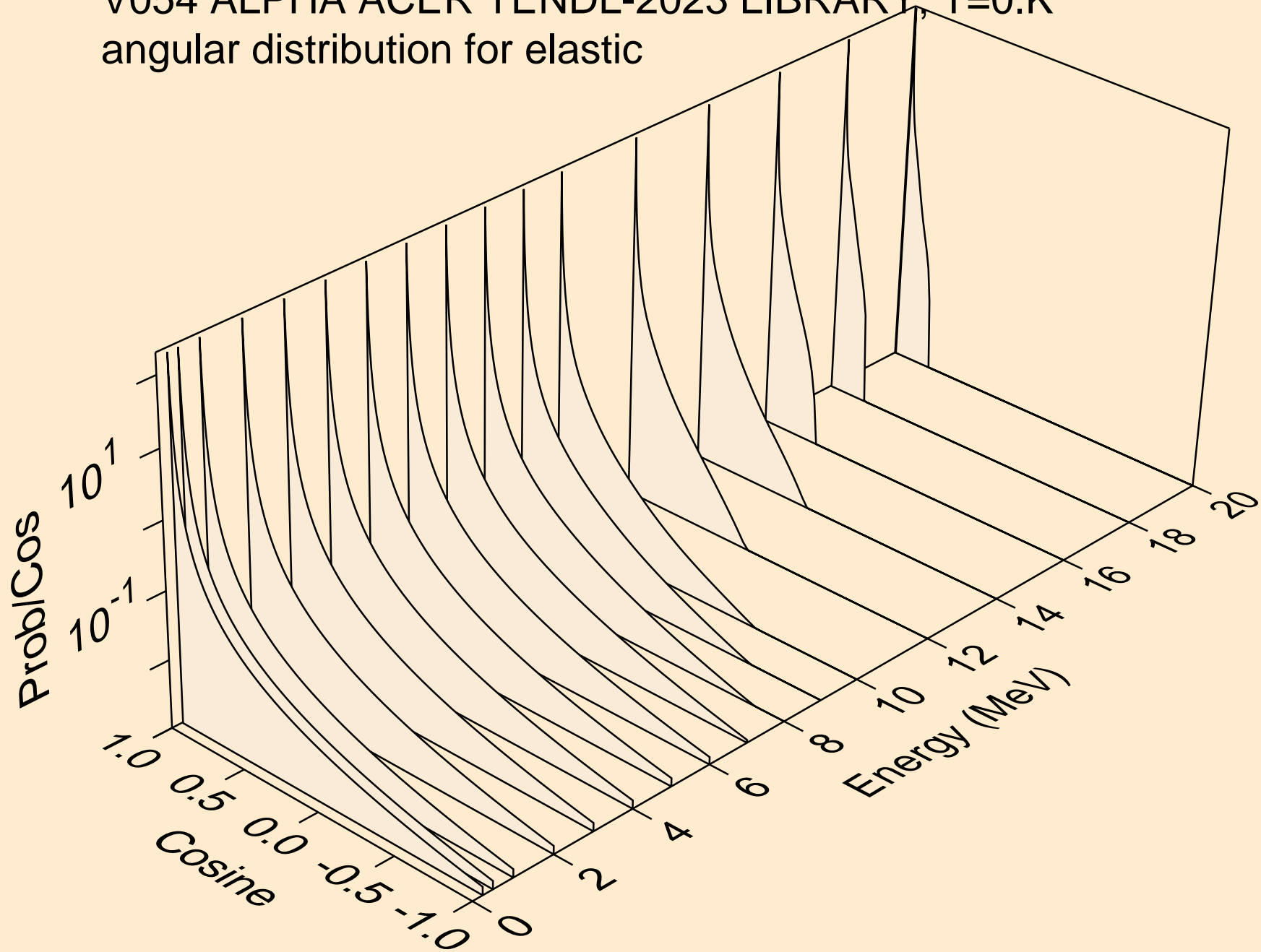
V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



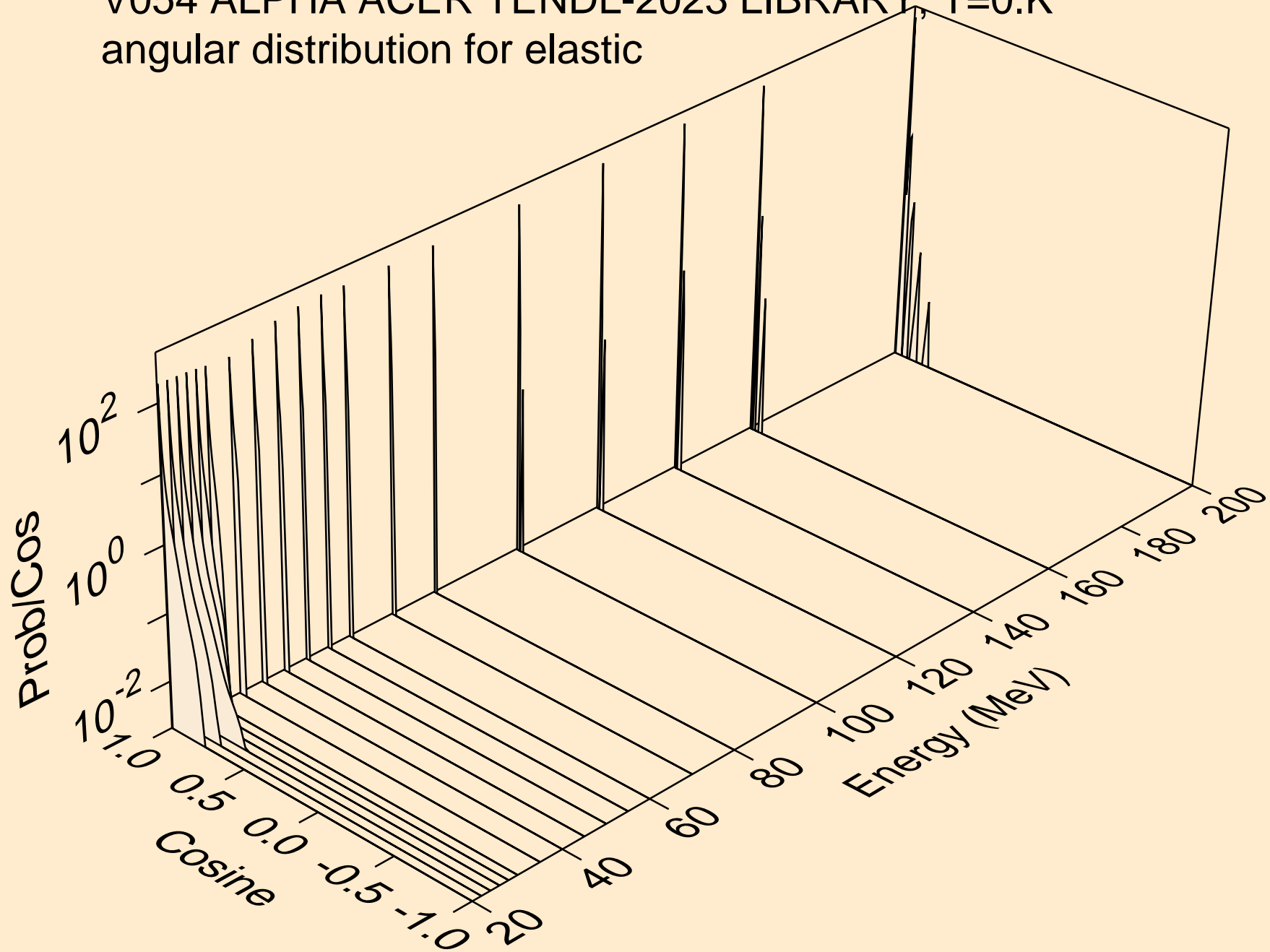
V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



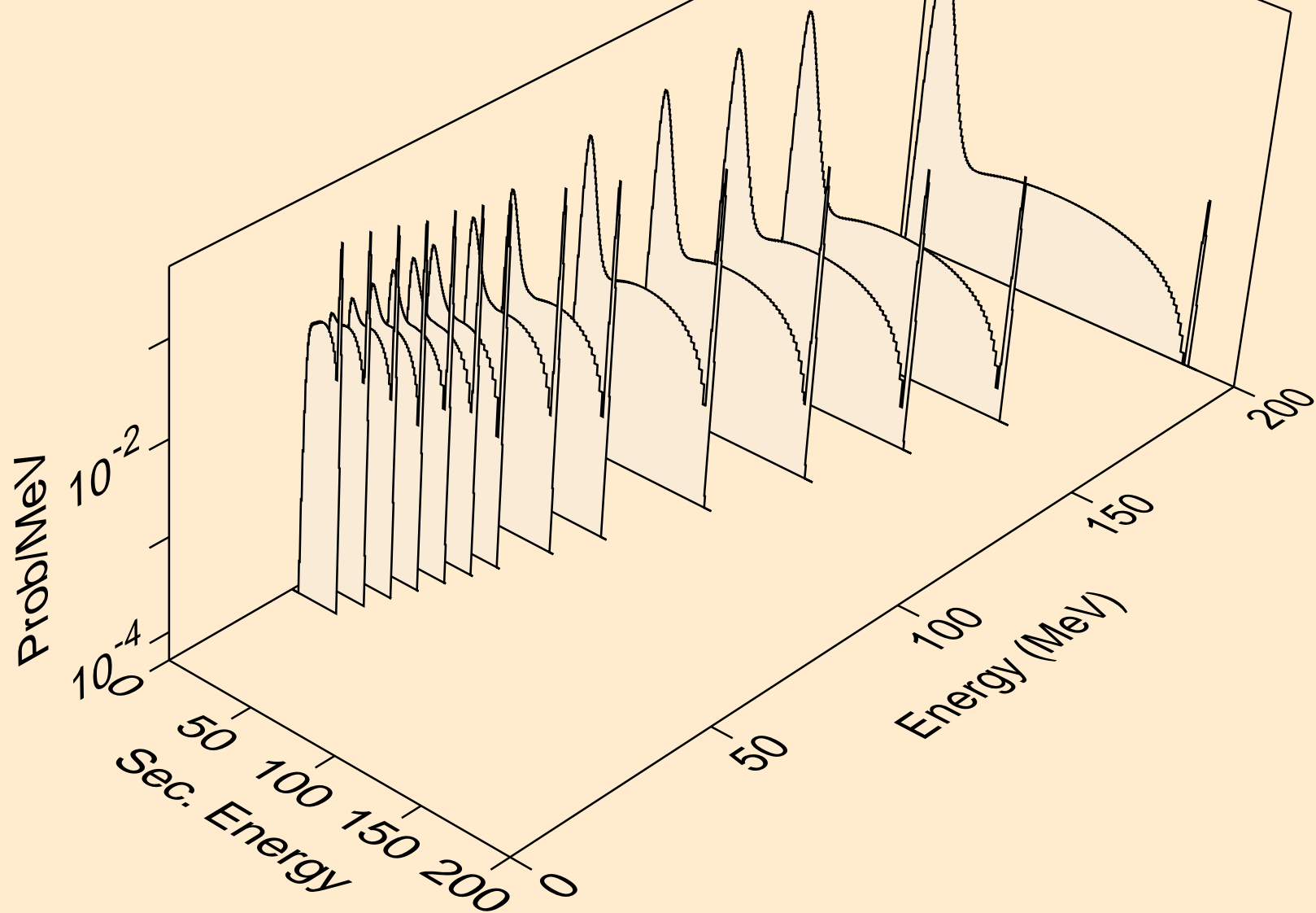
V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



V054 ALPHA ACER TENDL-2023 LIBRARY: T=0.K  
angular distribution for elastic

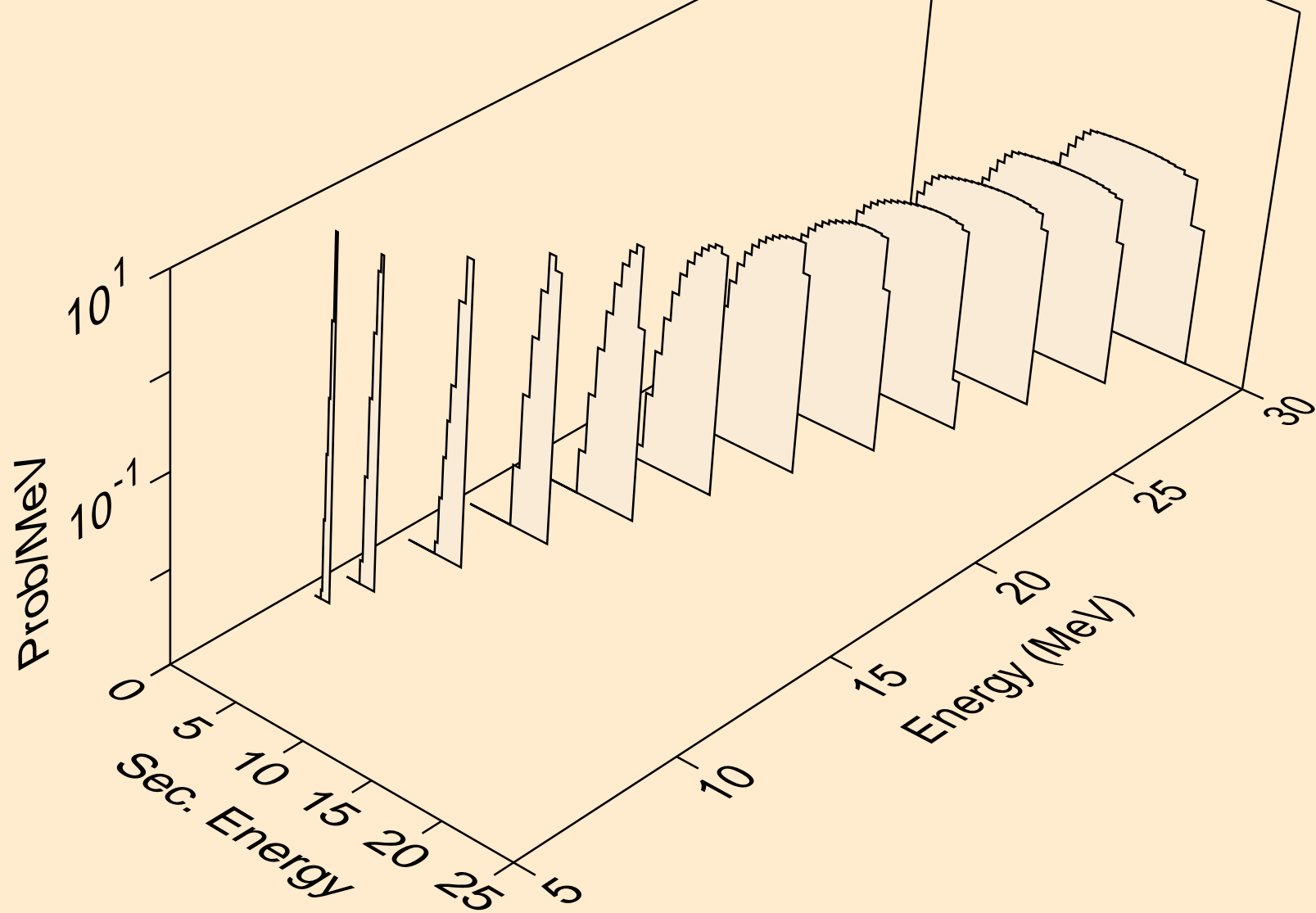


V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,x)

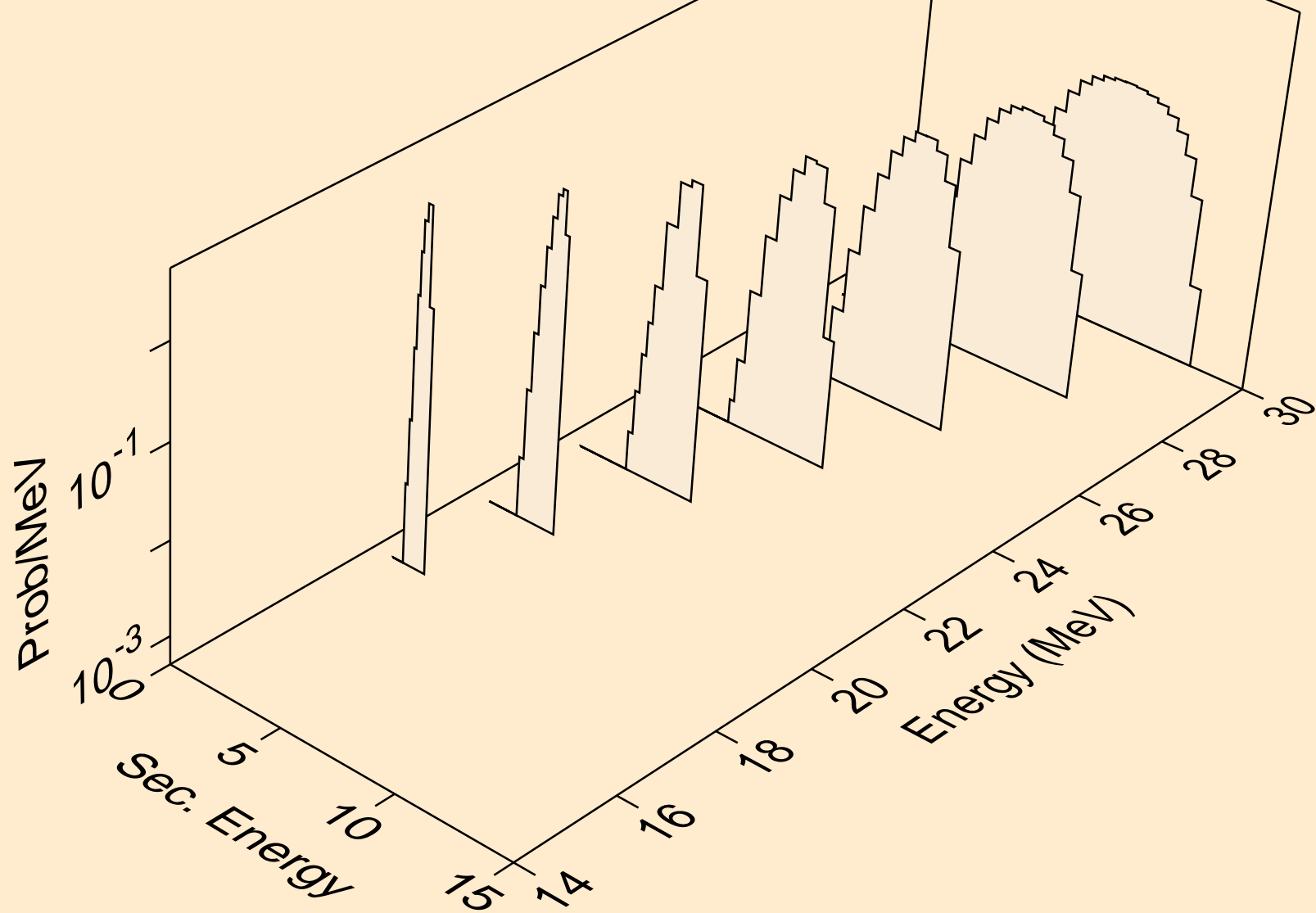




V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a

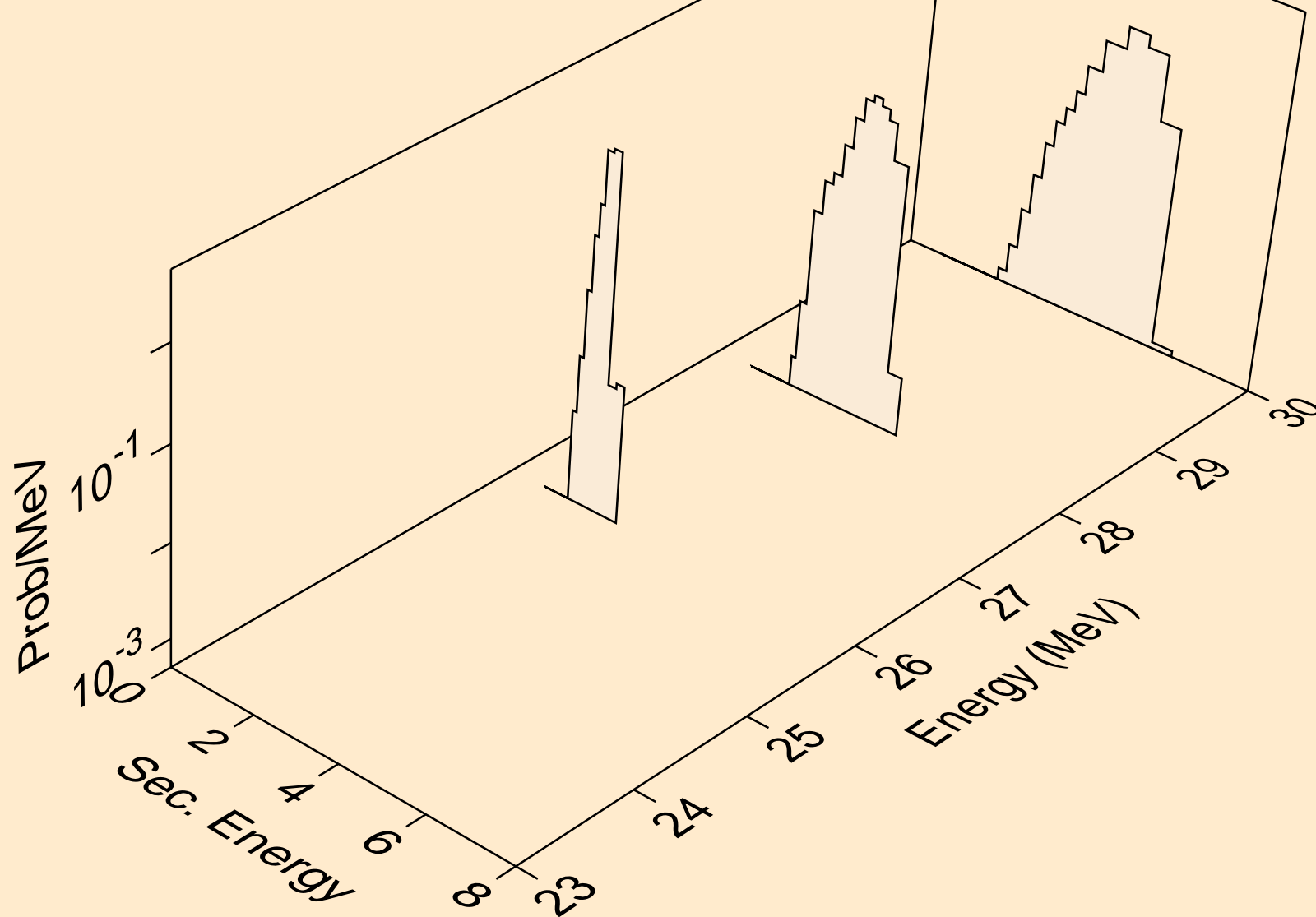


V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2n)a

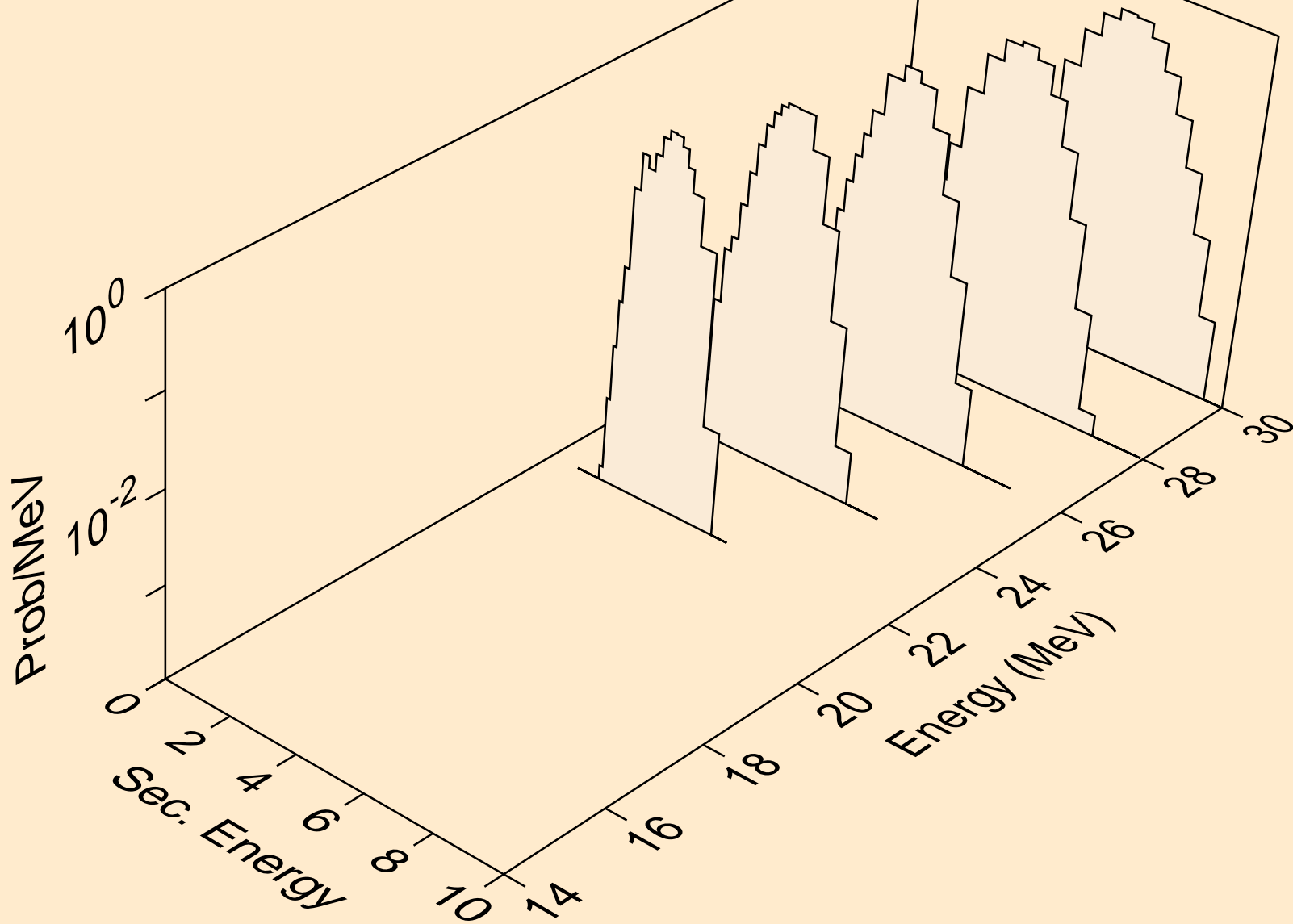


V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

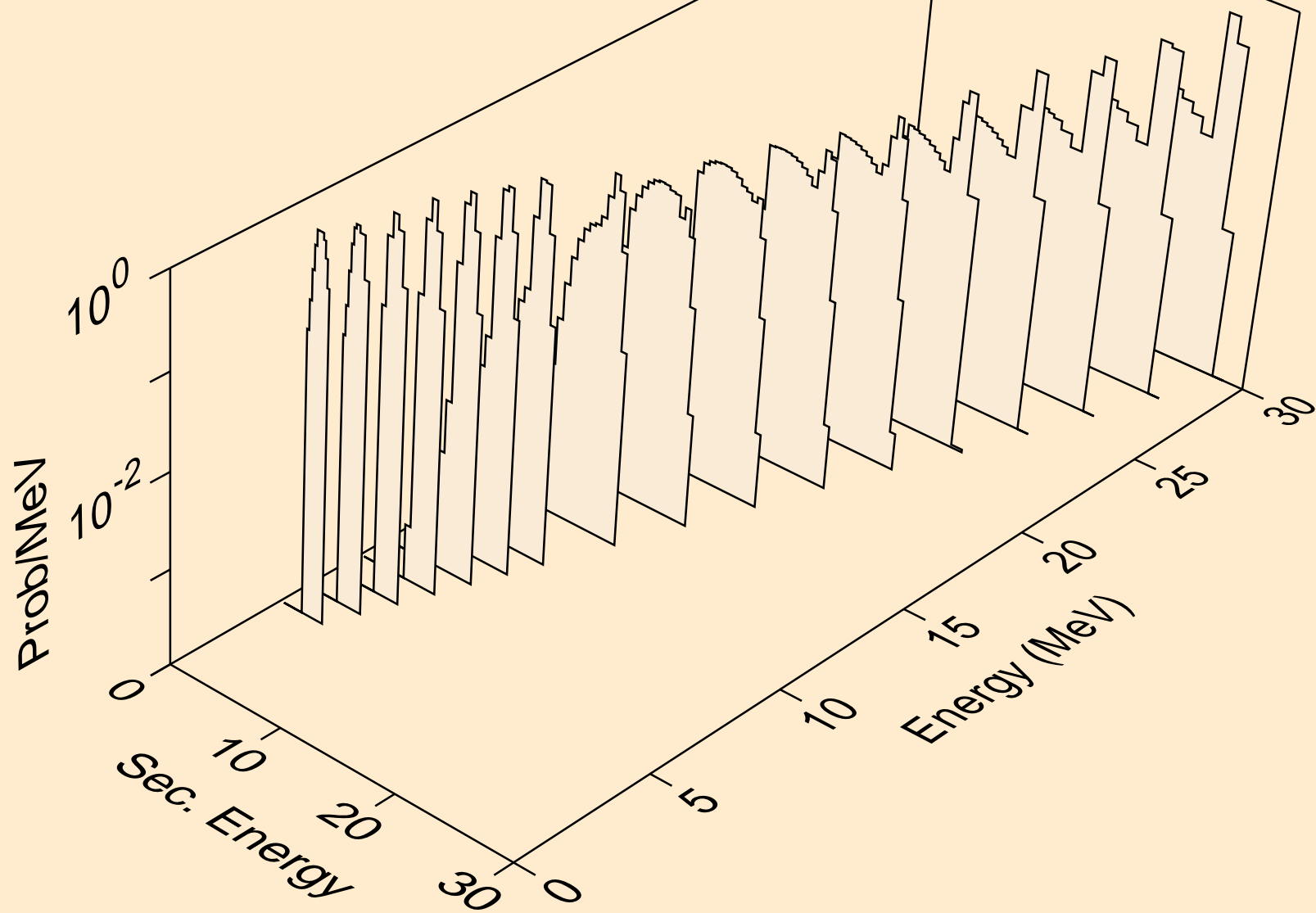
Alpha emission for (a,3n)a



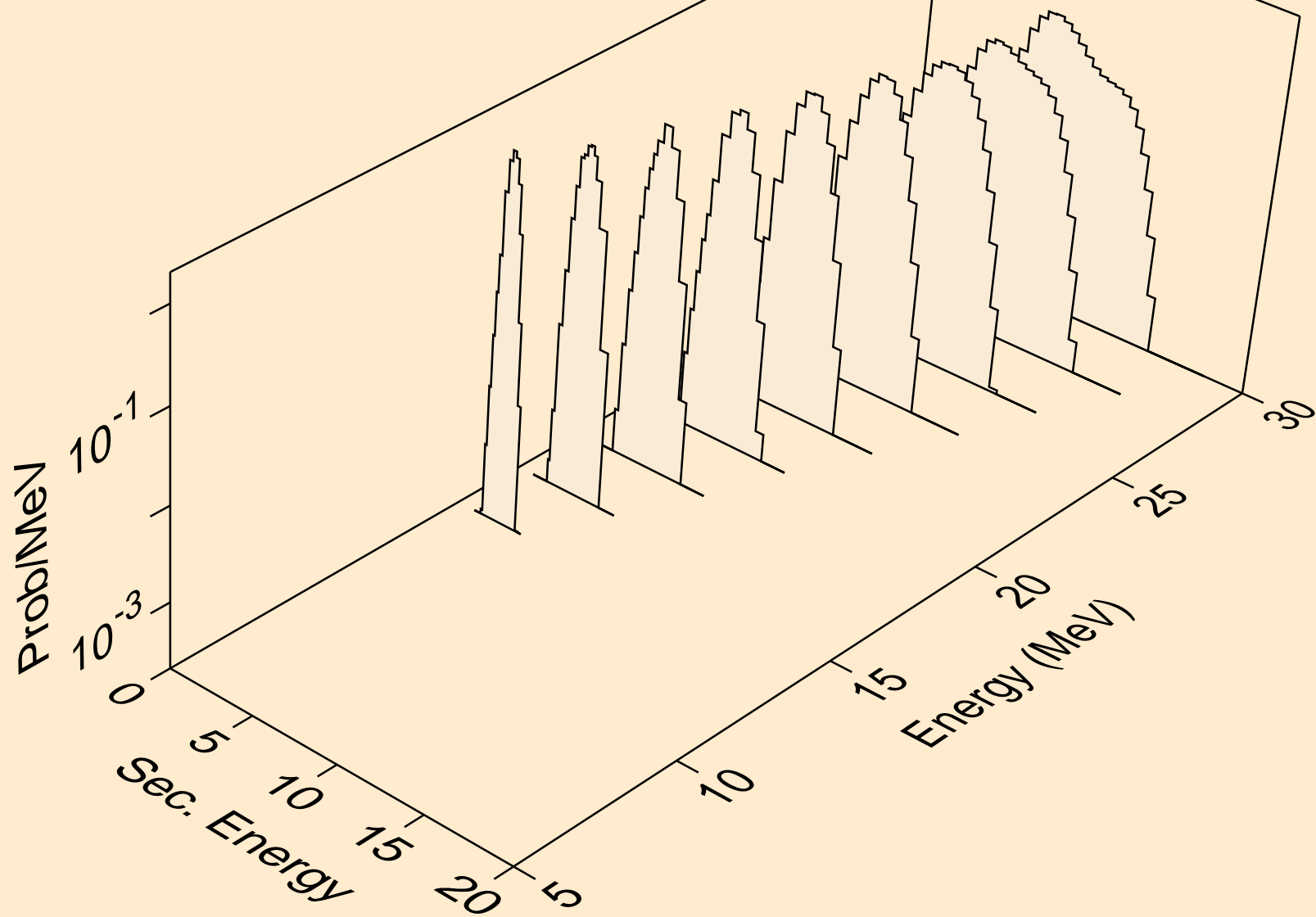
V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)2a



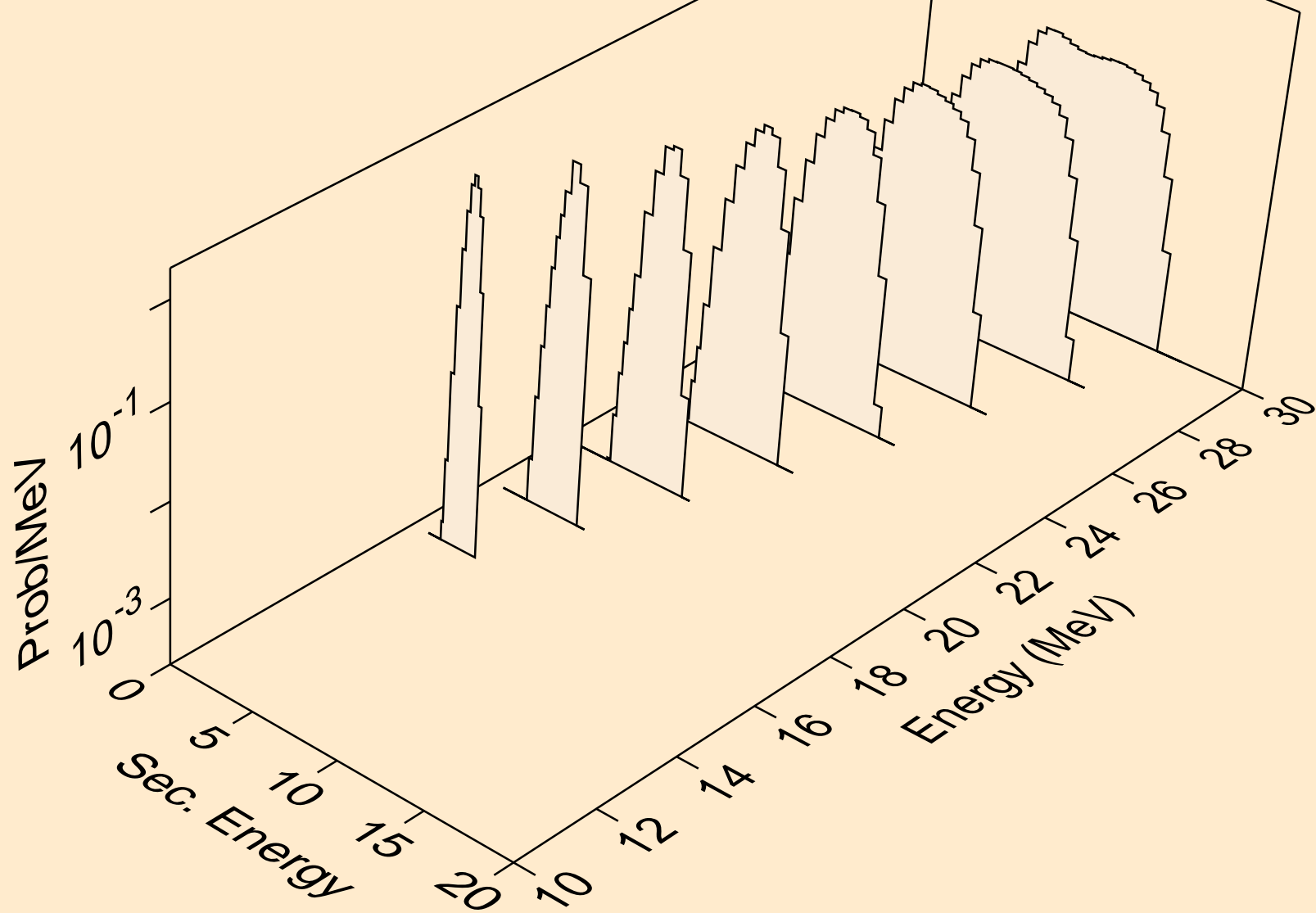
V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic



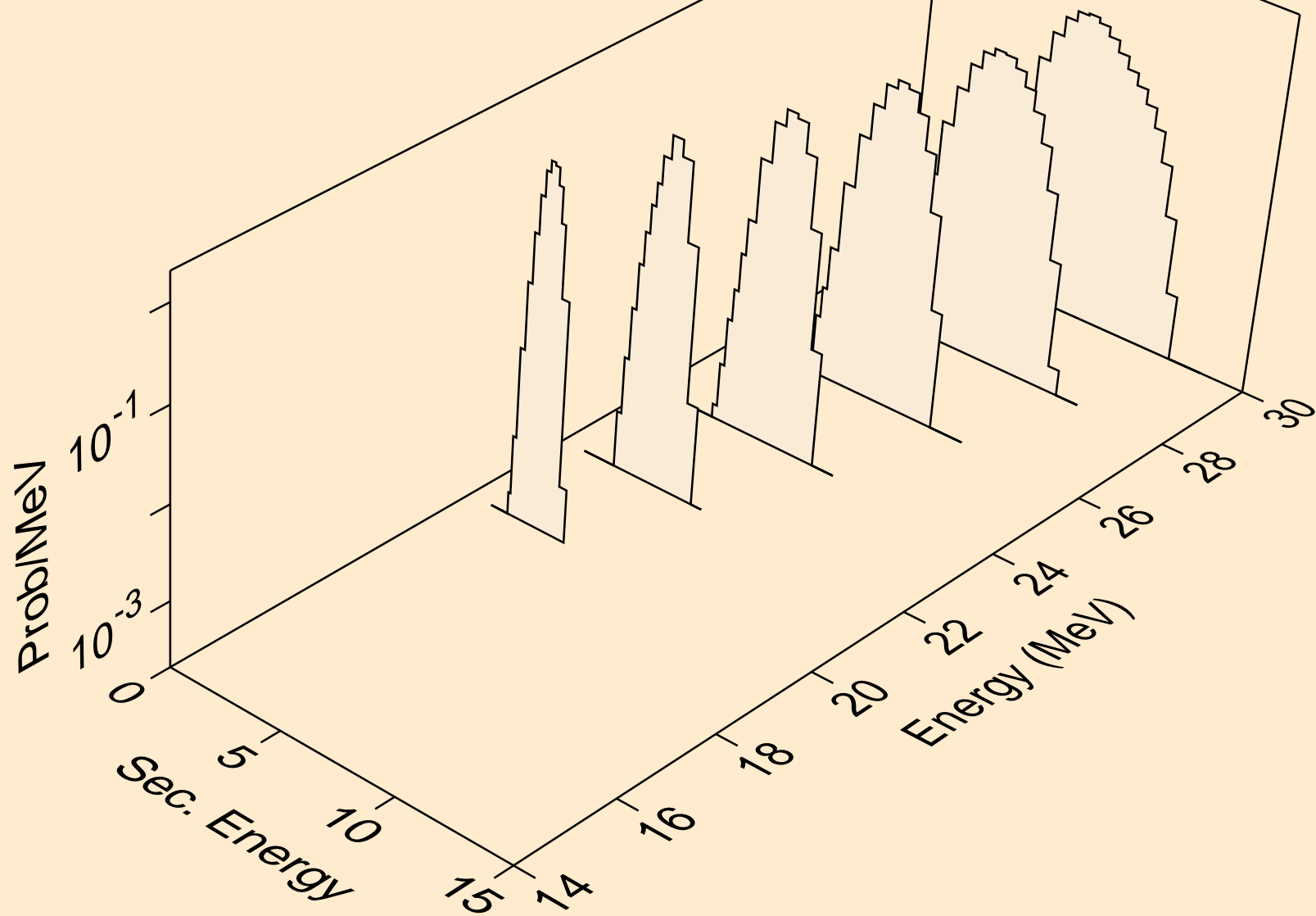
V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2a)



V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,pa)

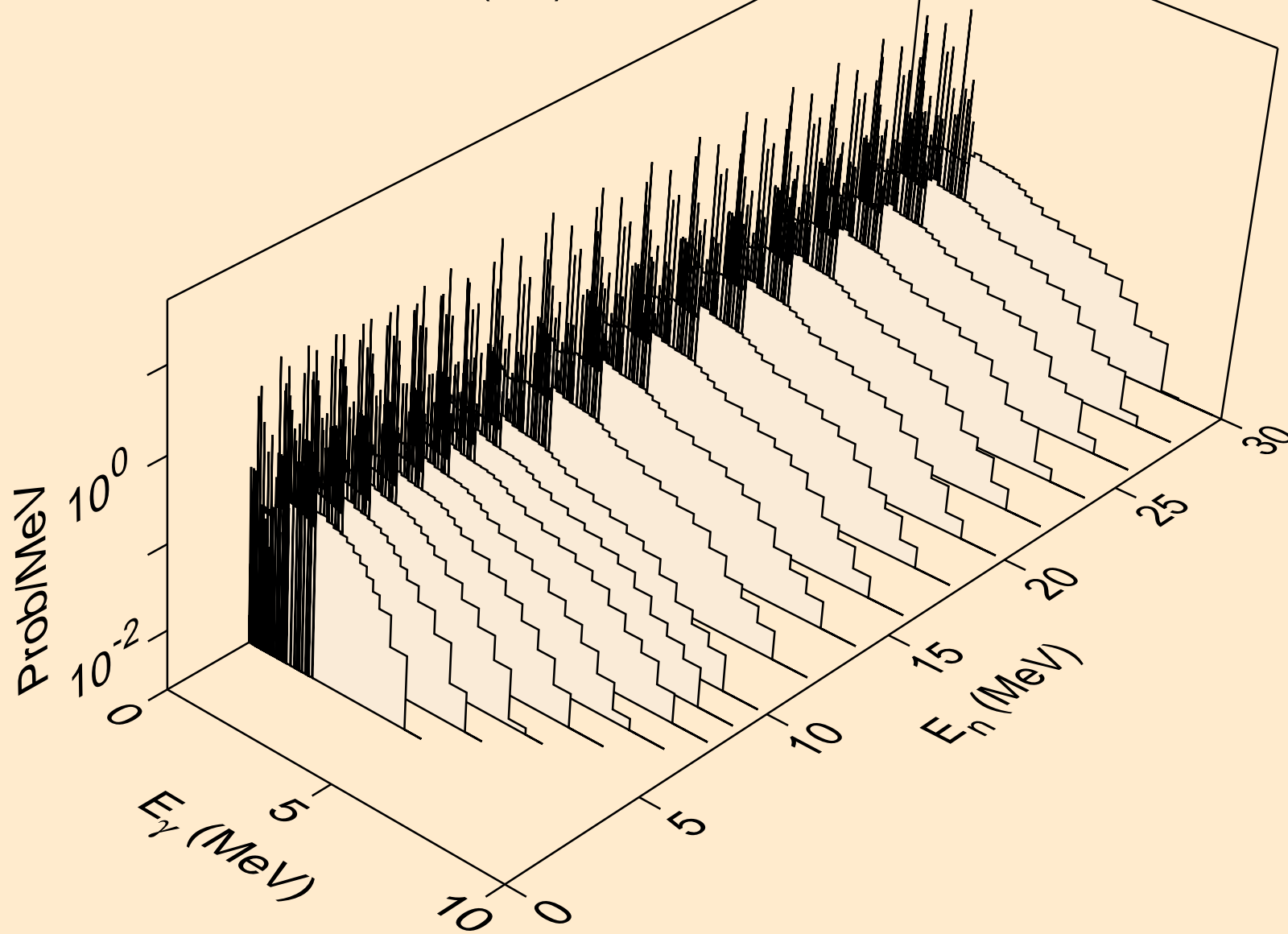


V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,da)

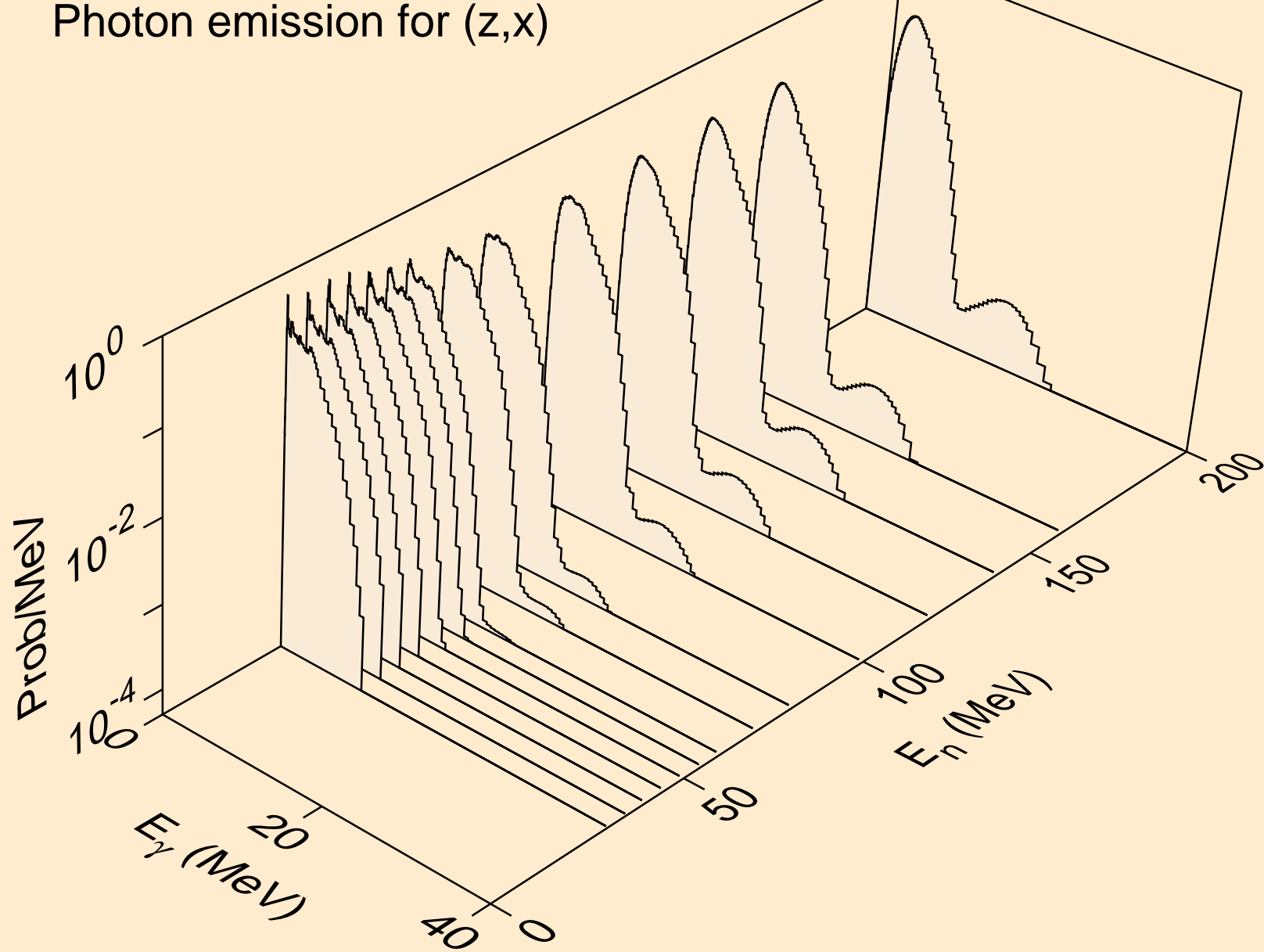




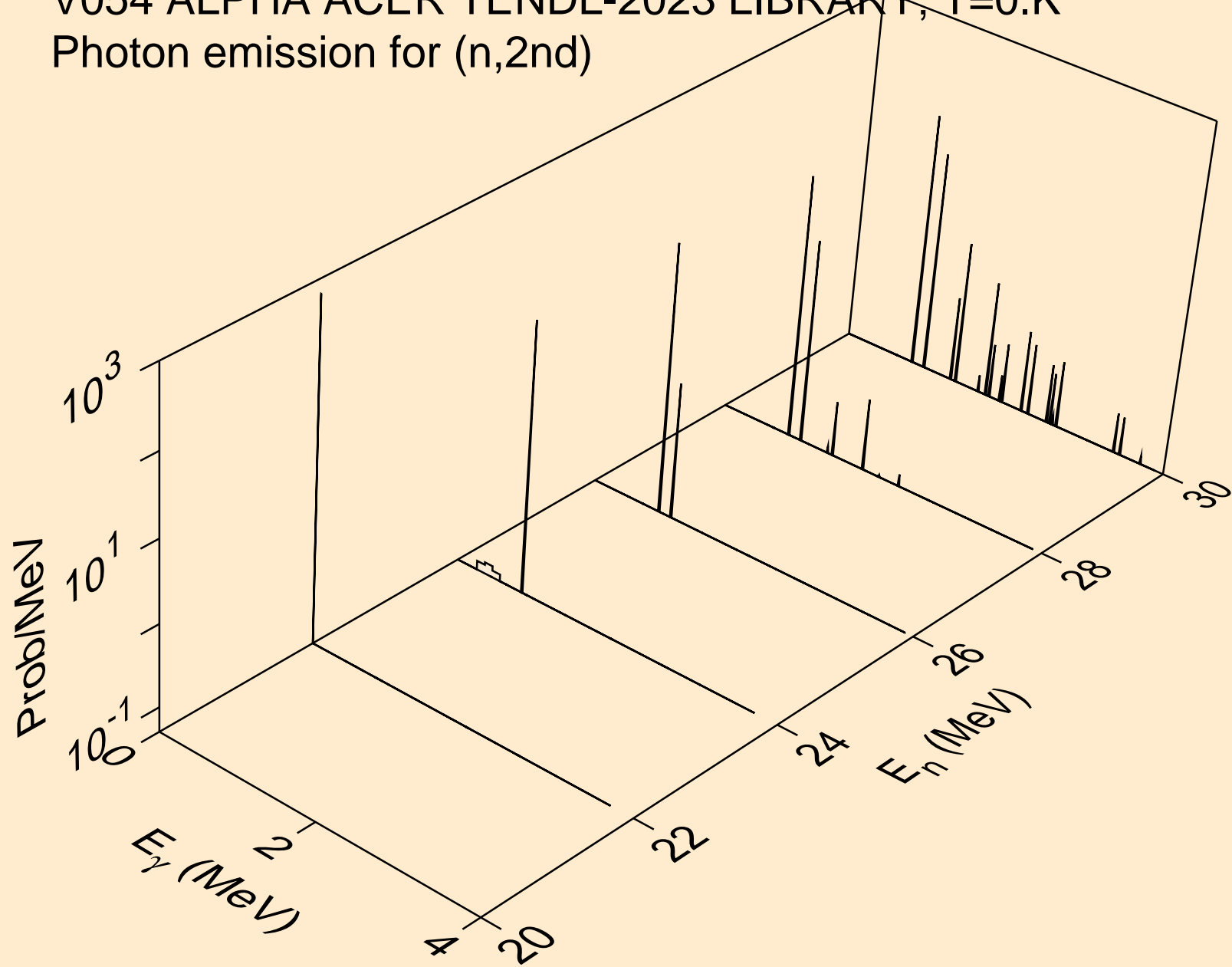
V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



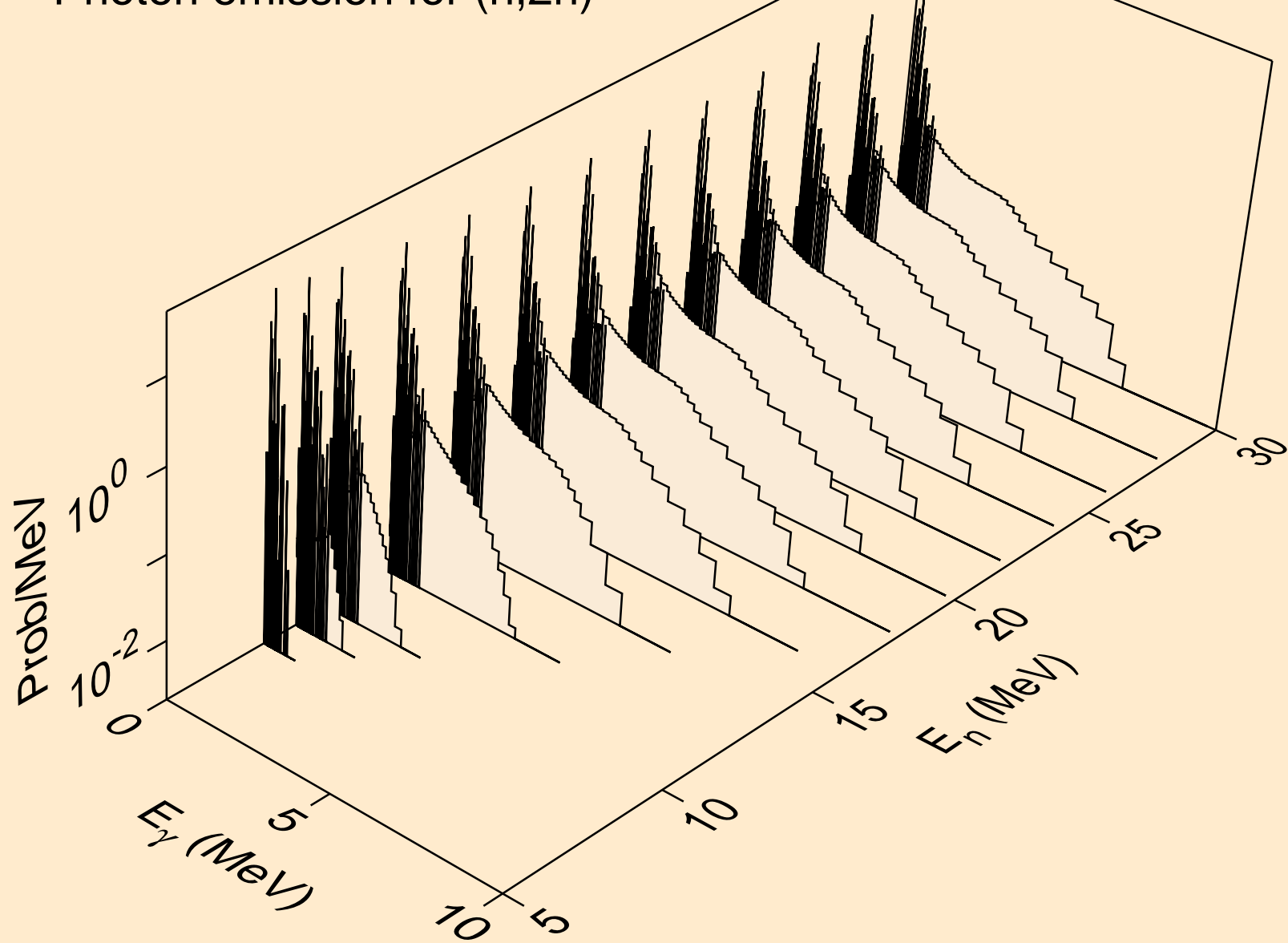
V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



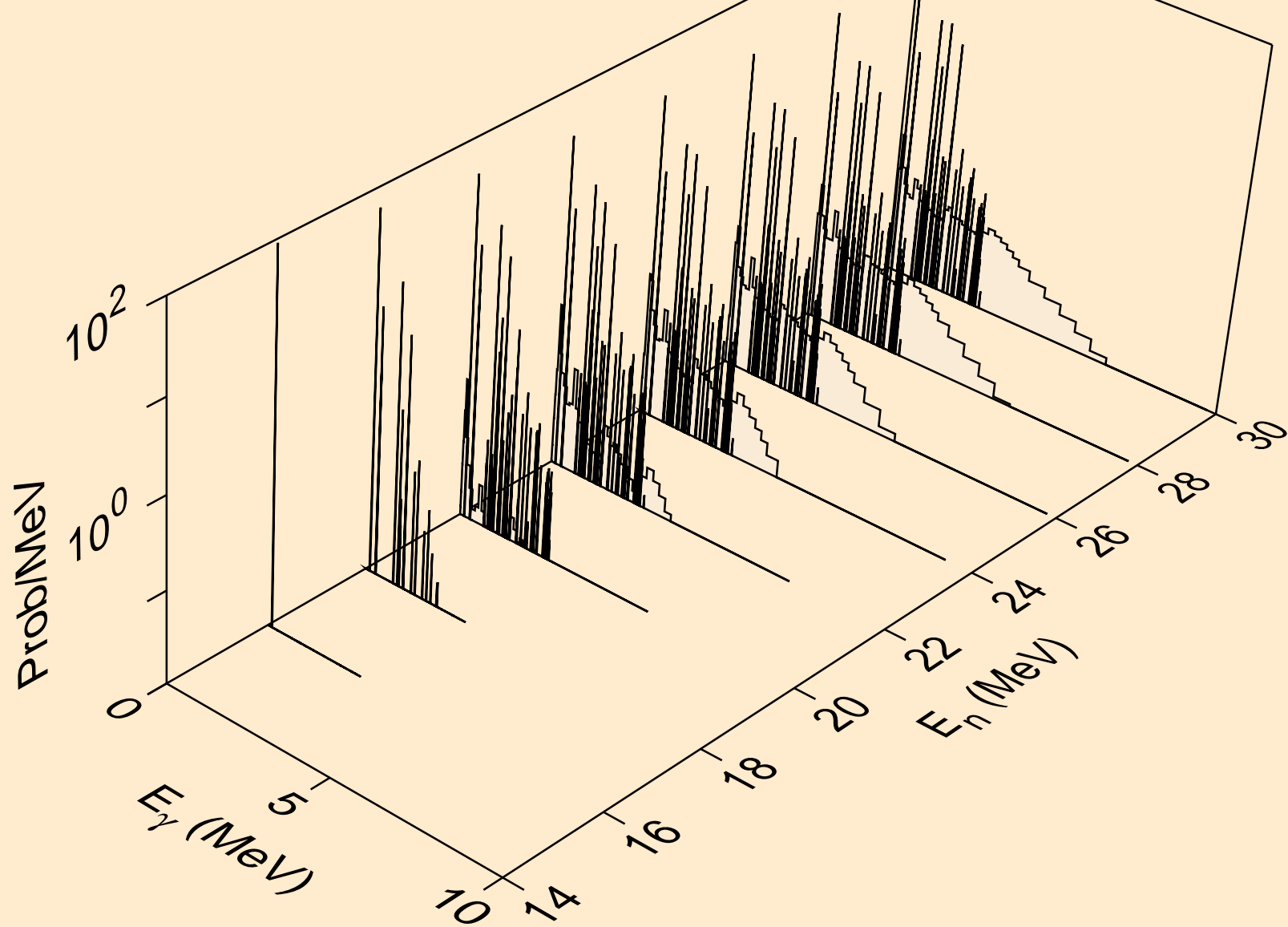
V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



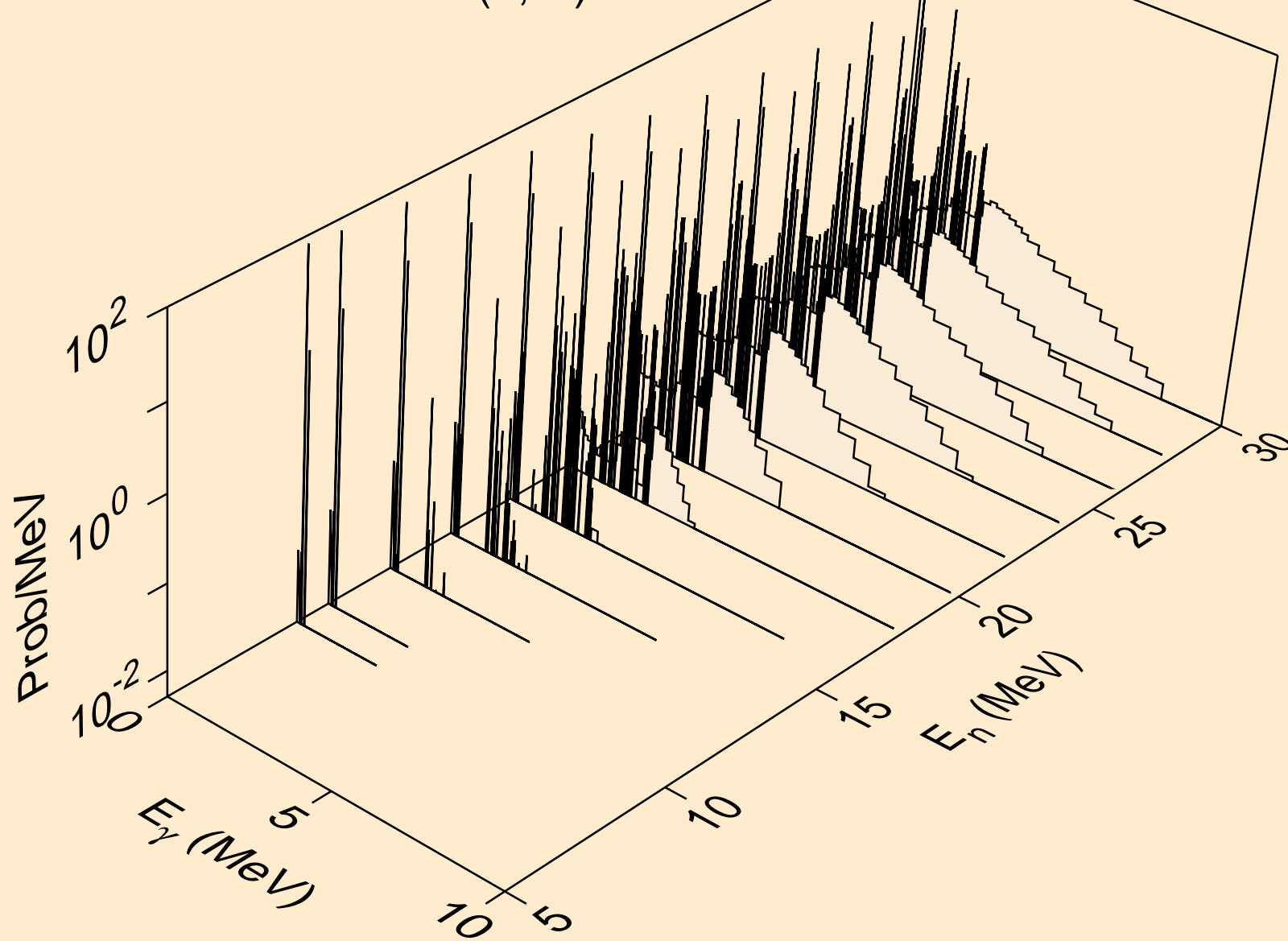
V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



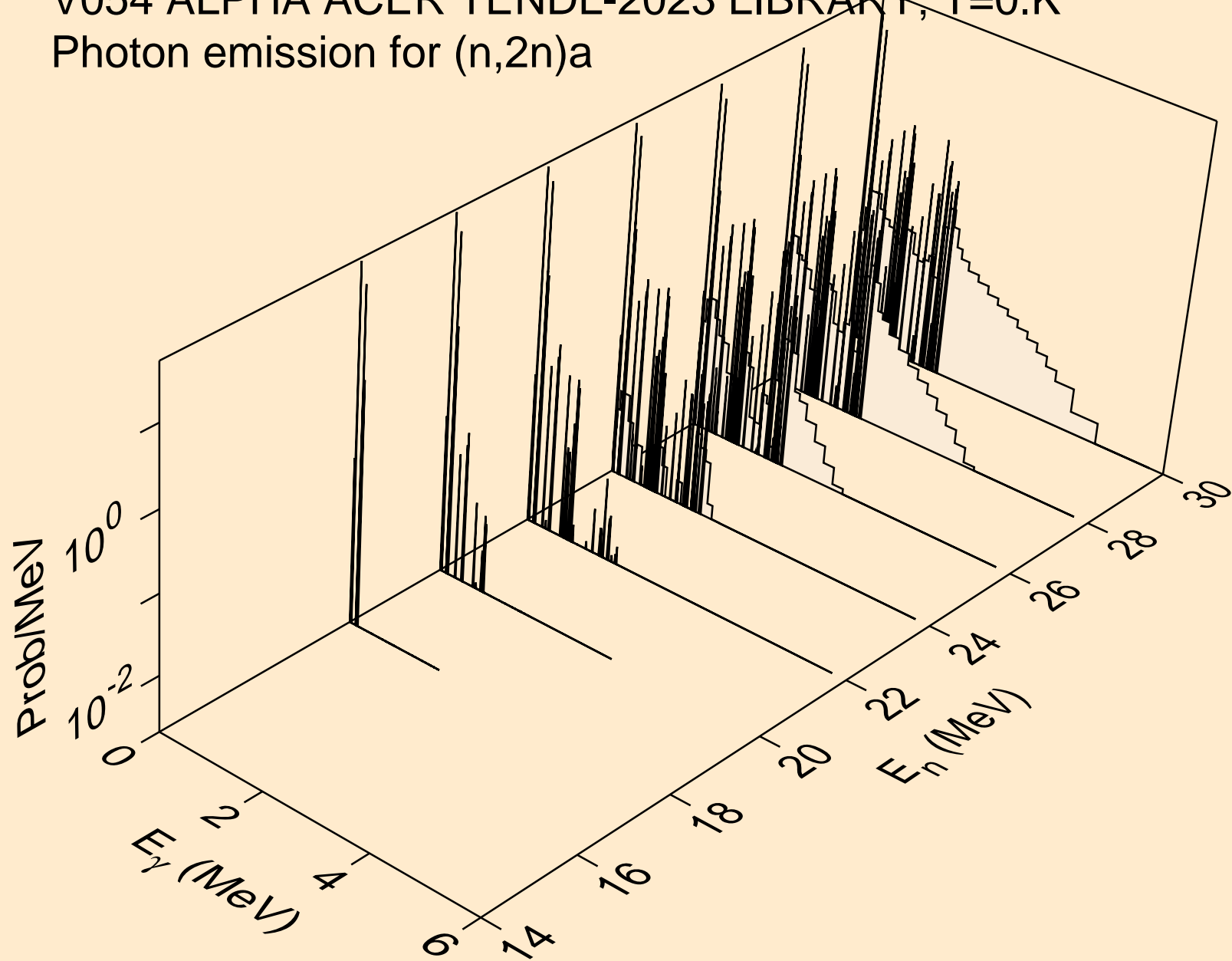
V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



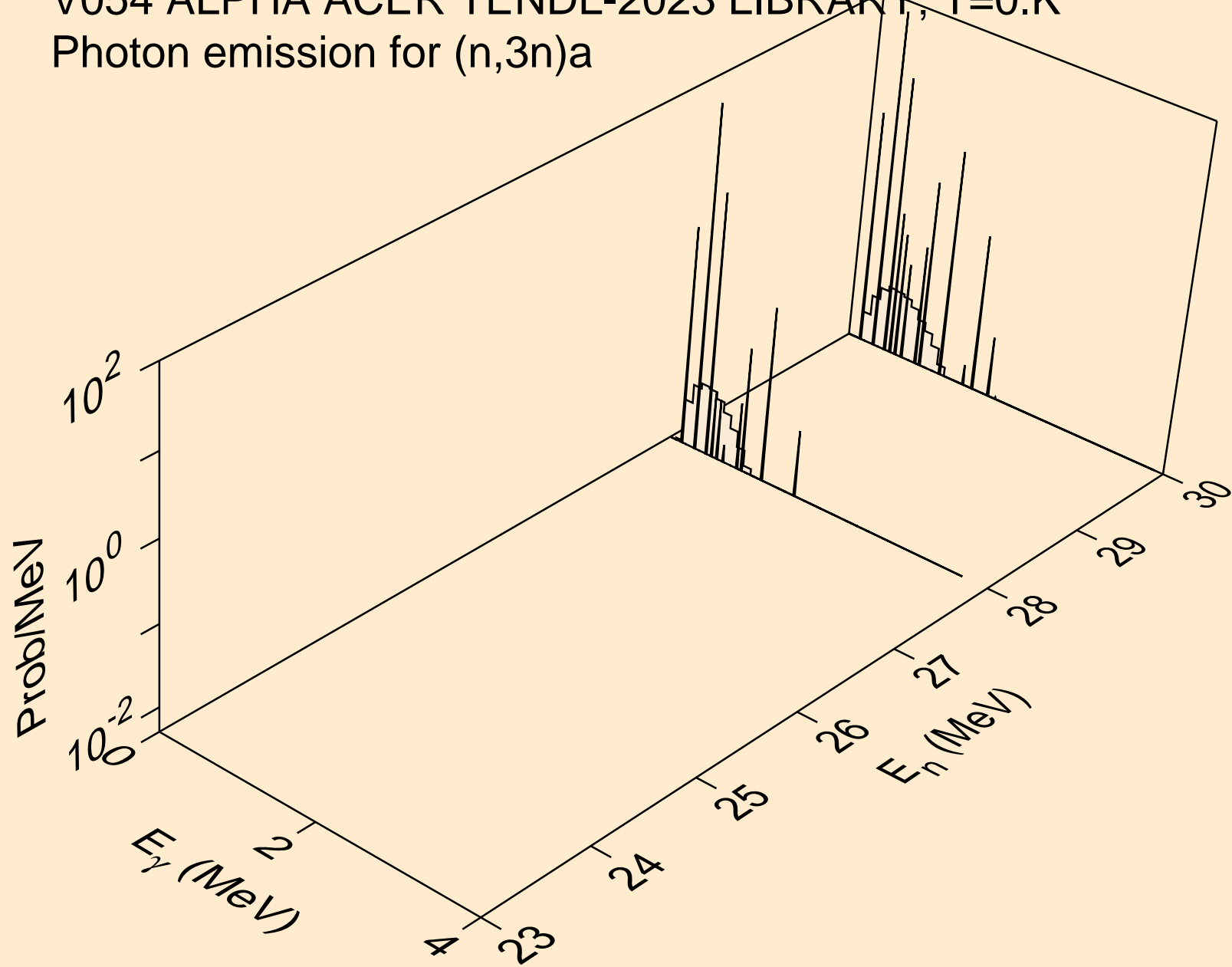
V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

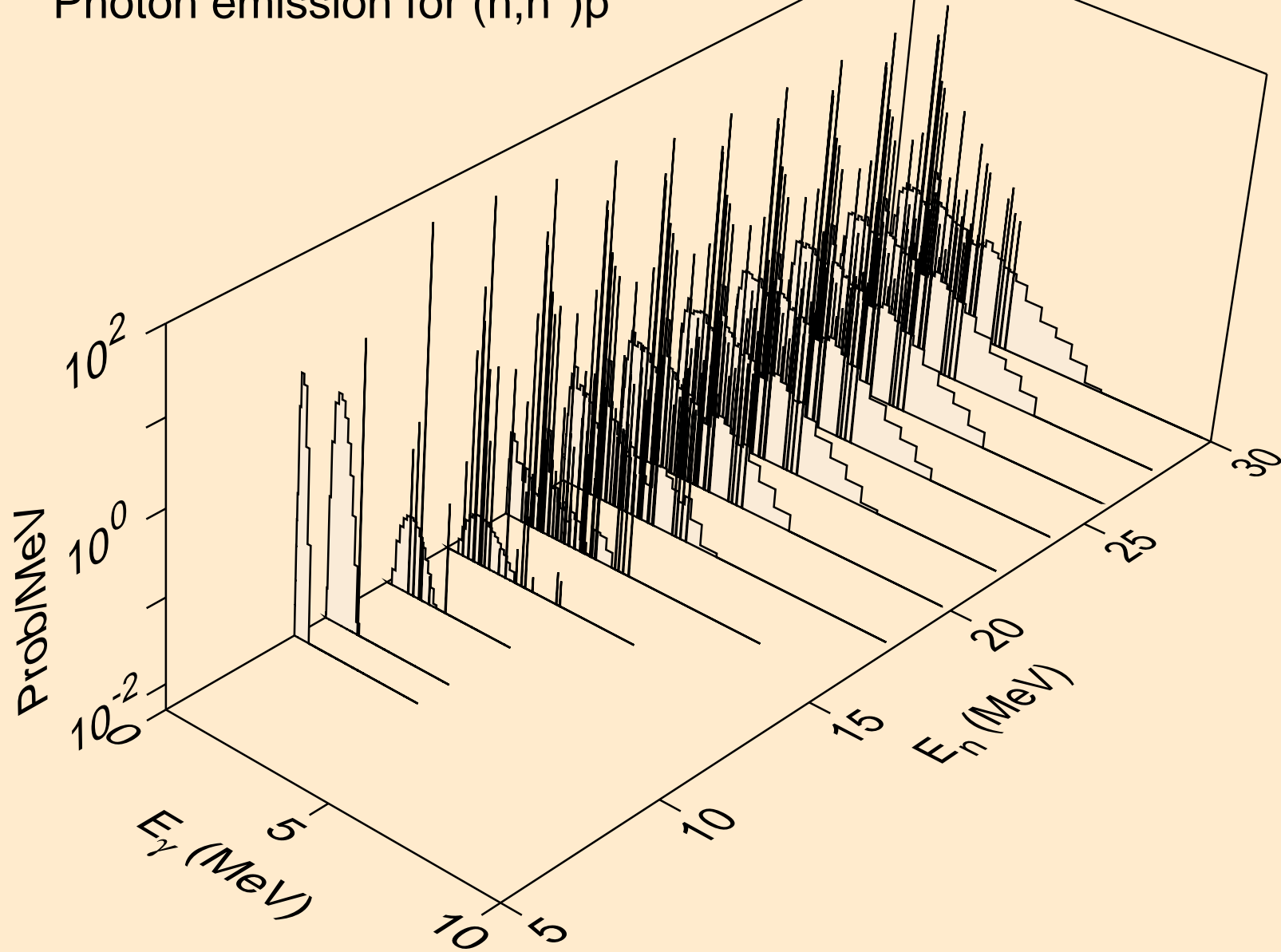


V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a

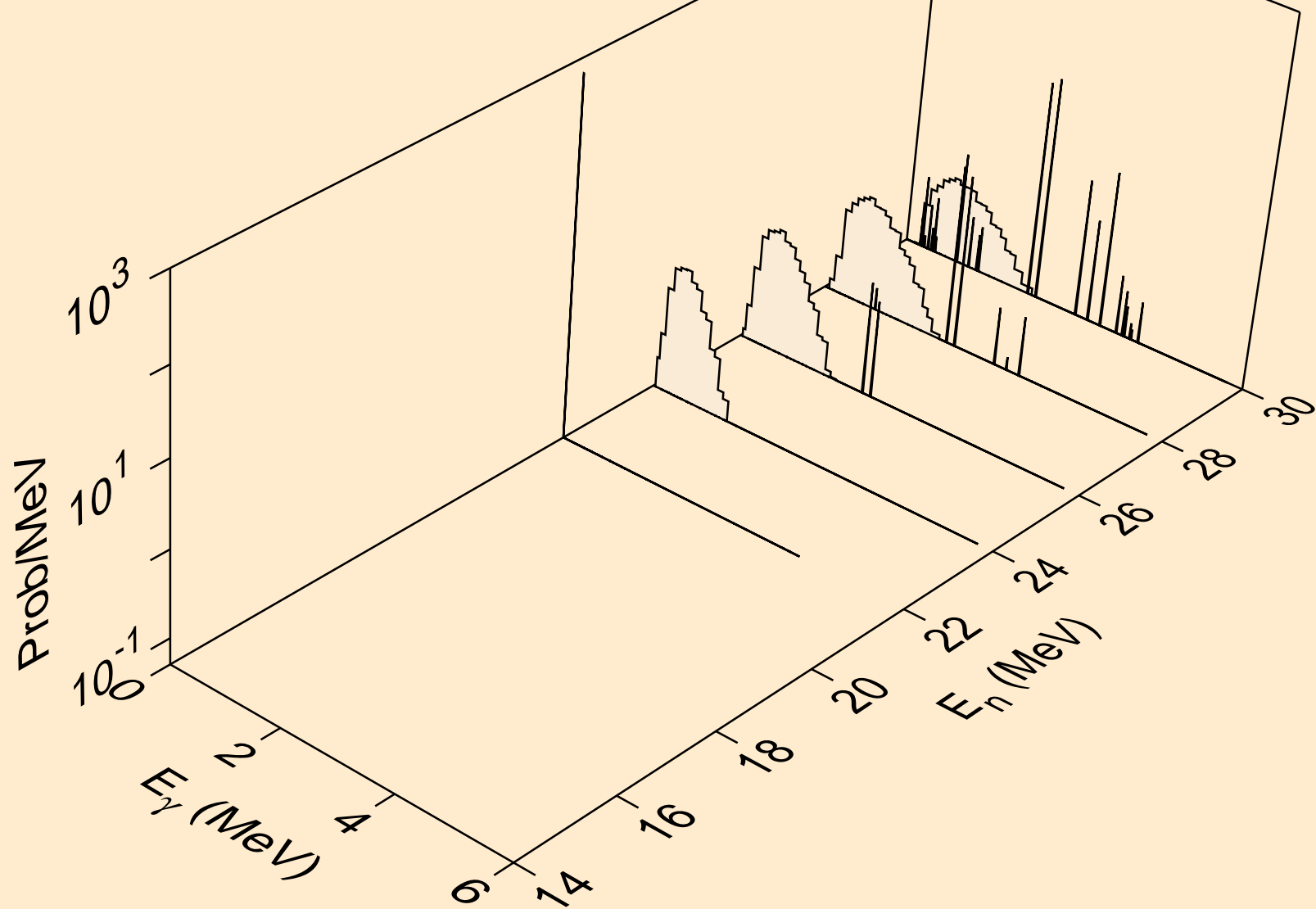




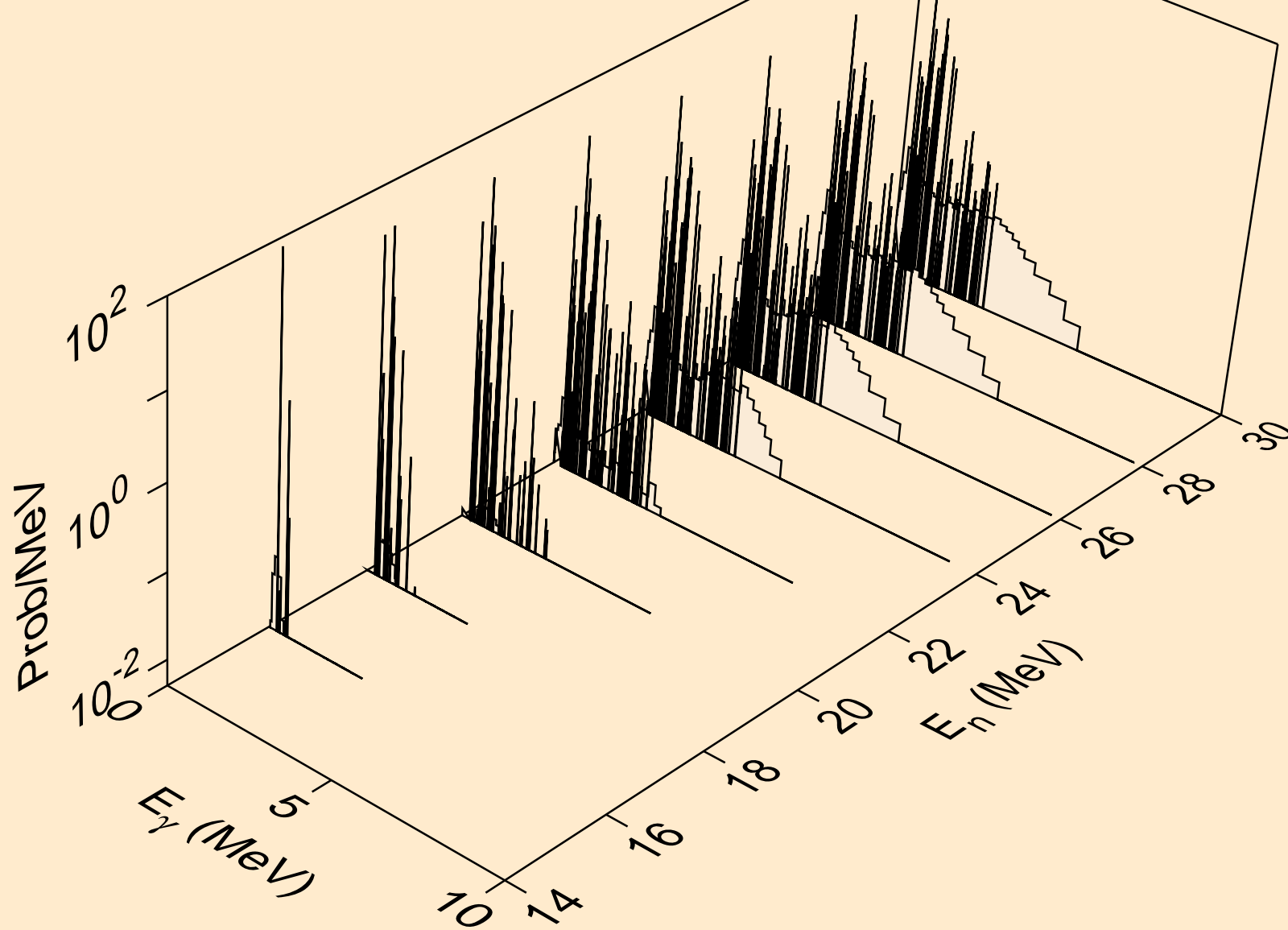
V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



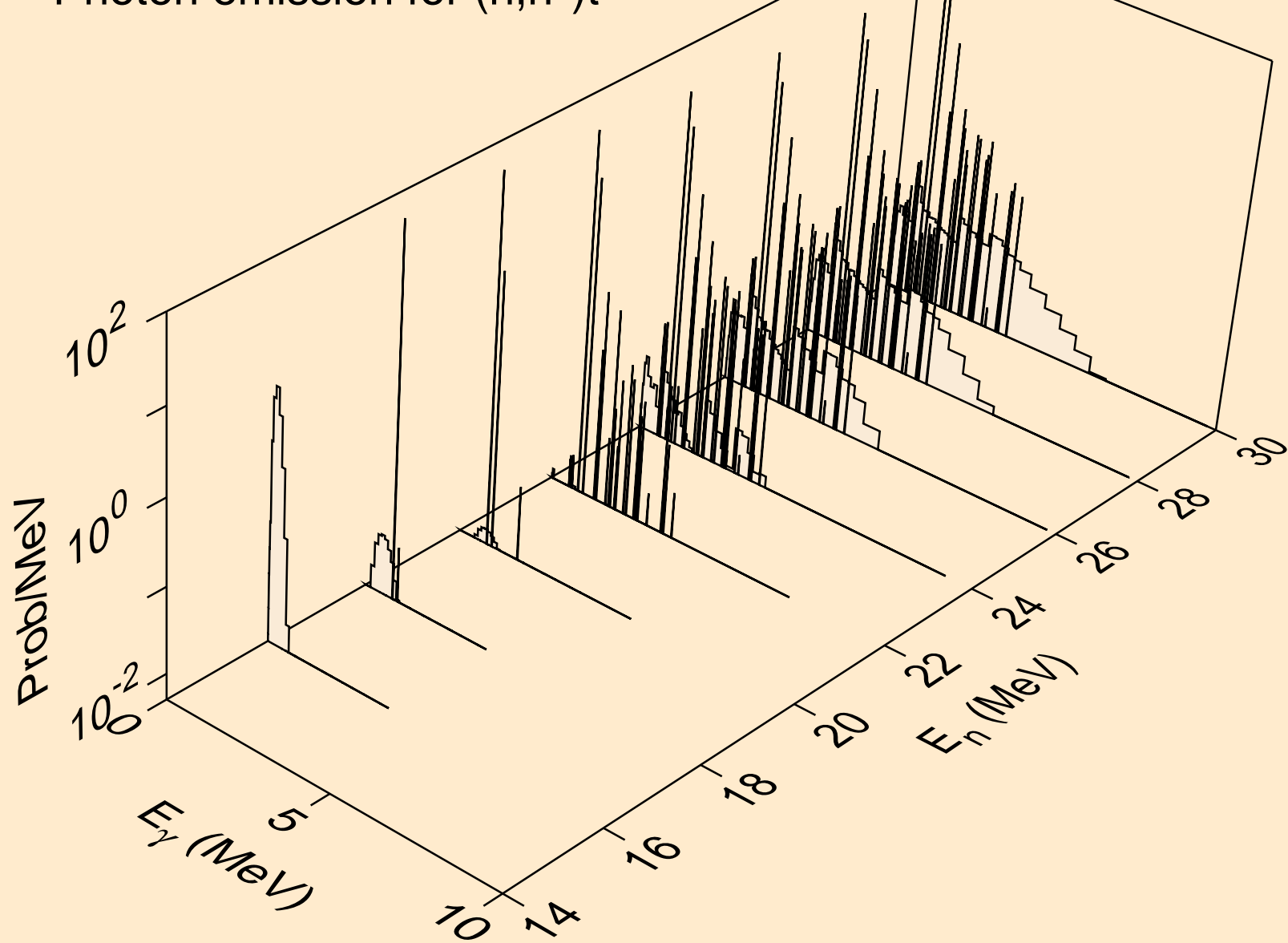
V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



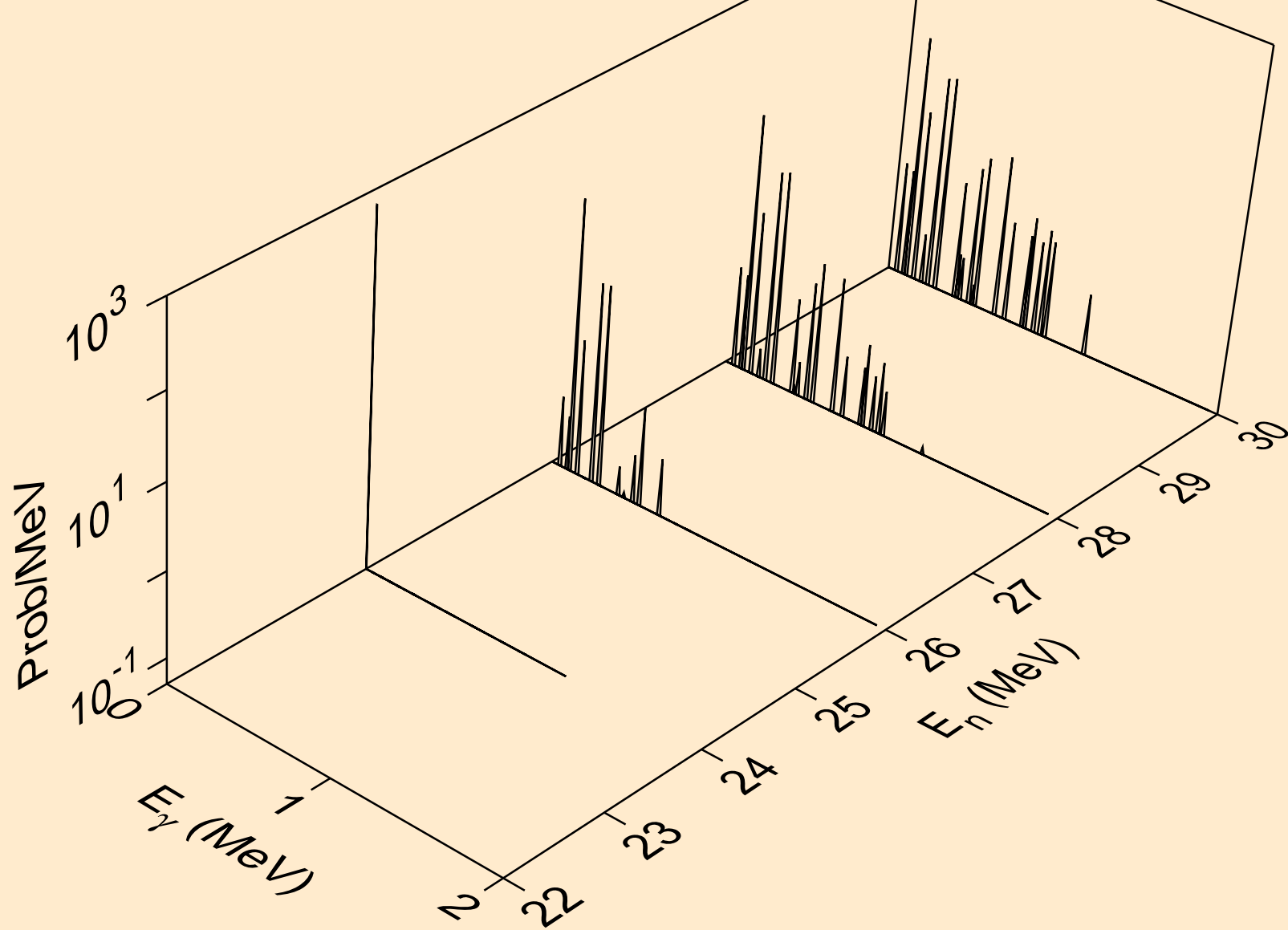
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Photon emission for (n,n\*)d



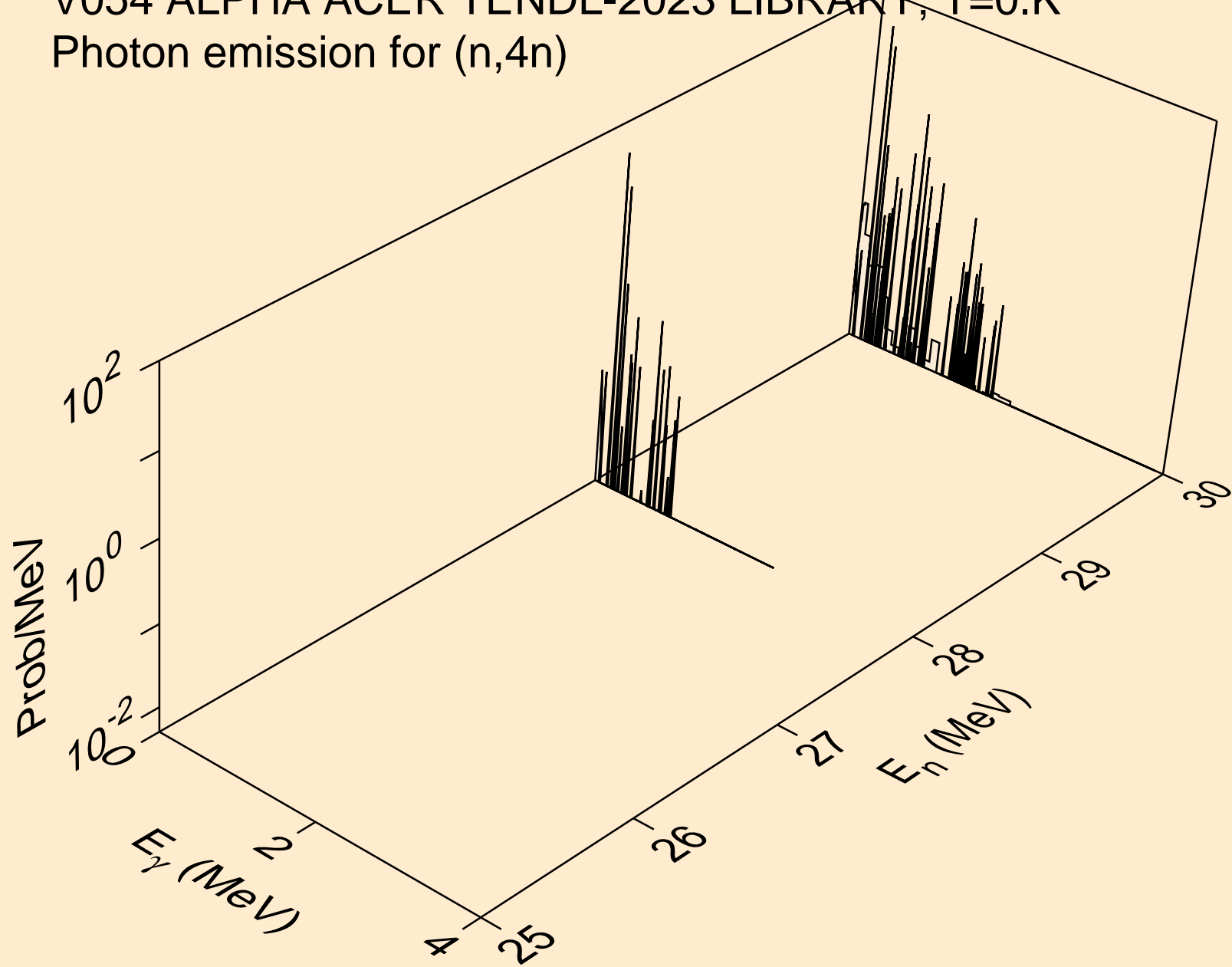
V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



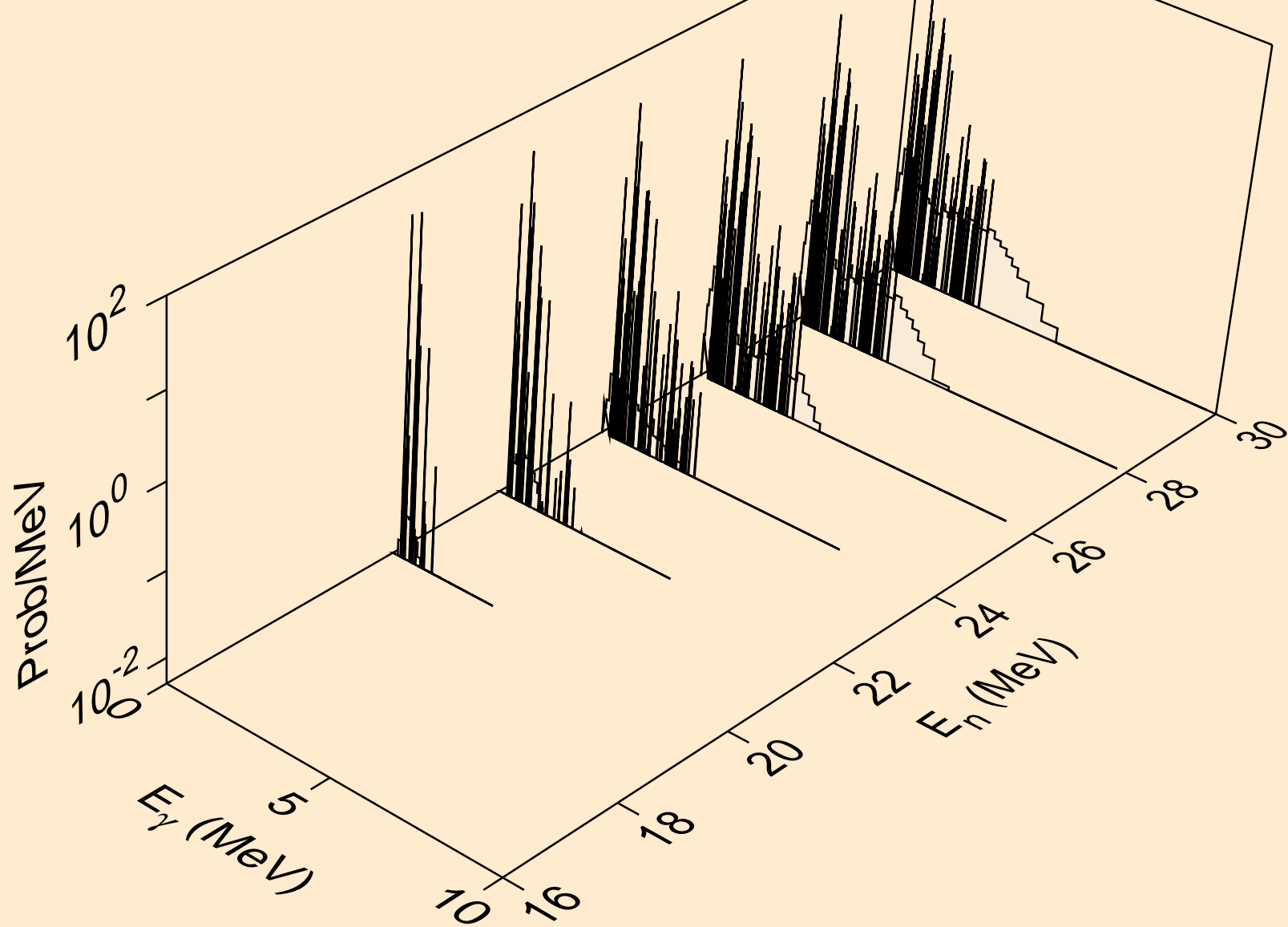
V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



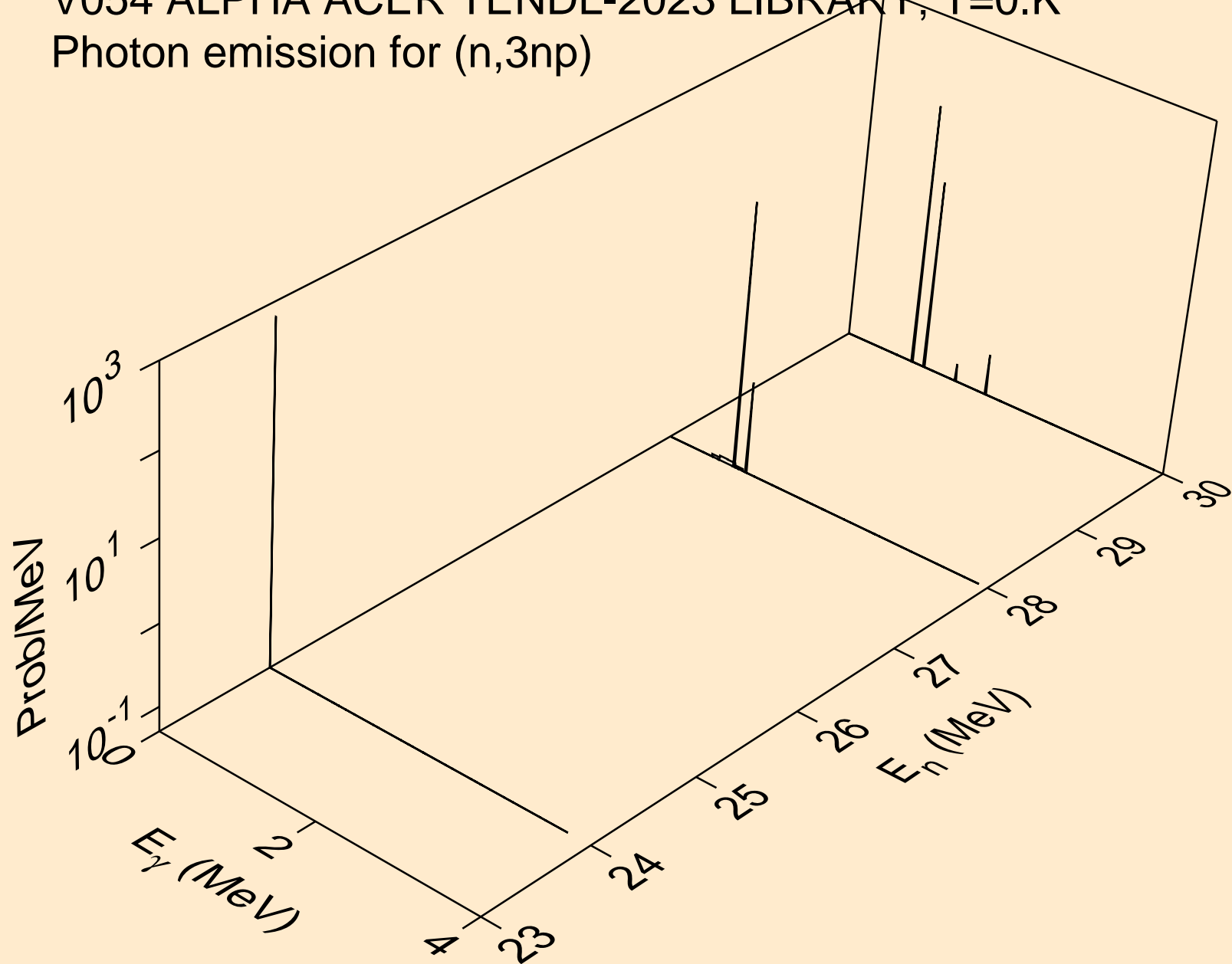
V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

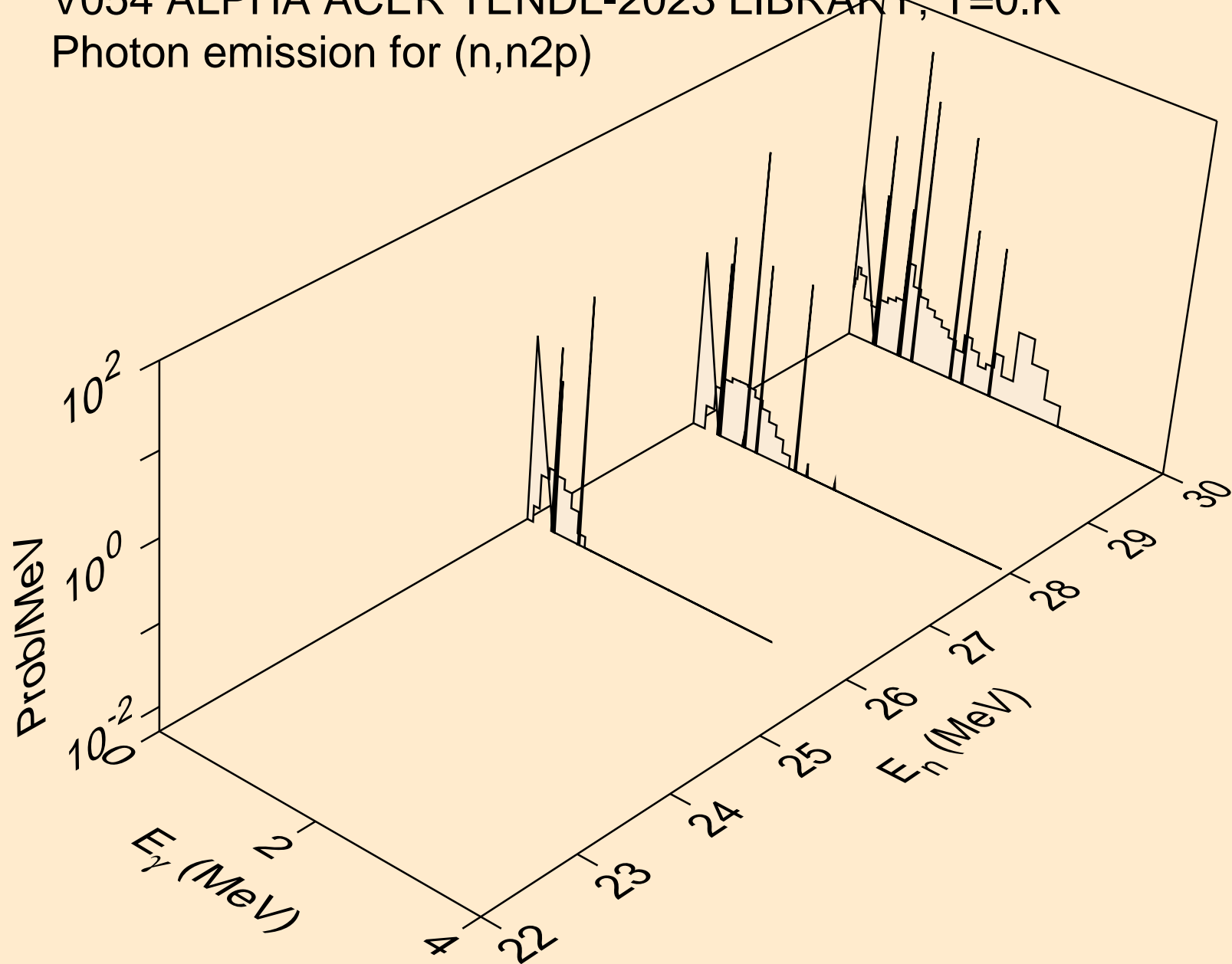


V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)

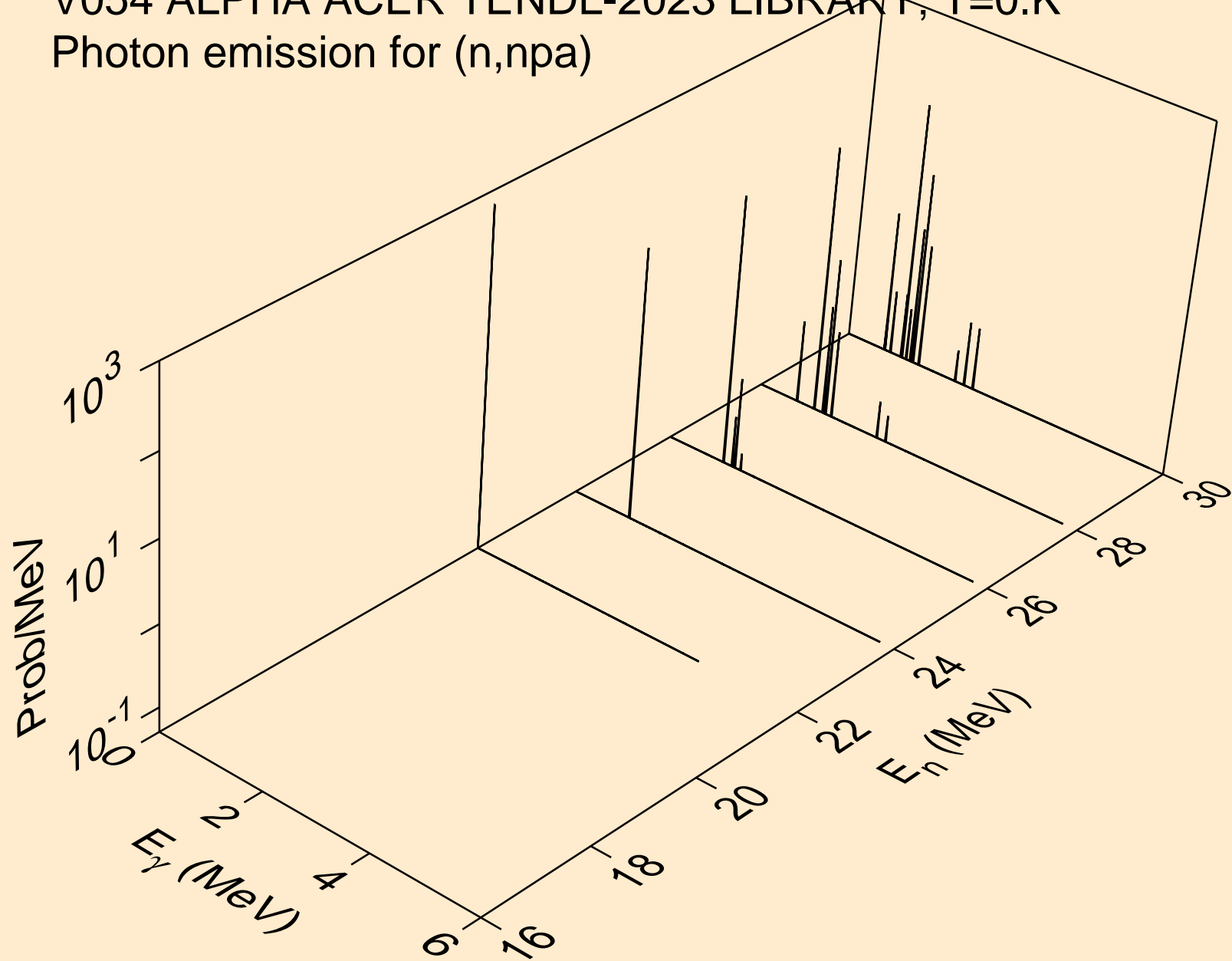




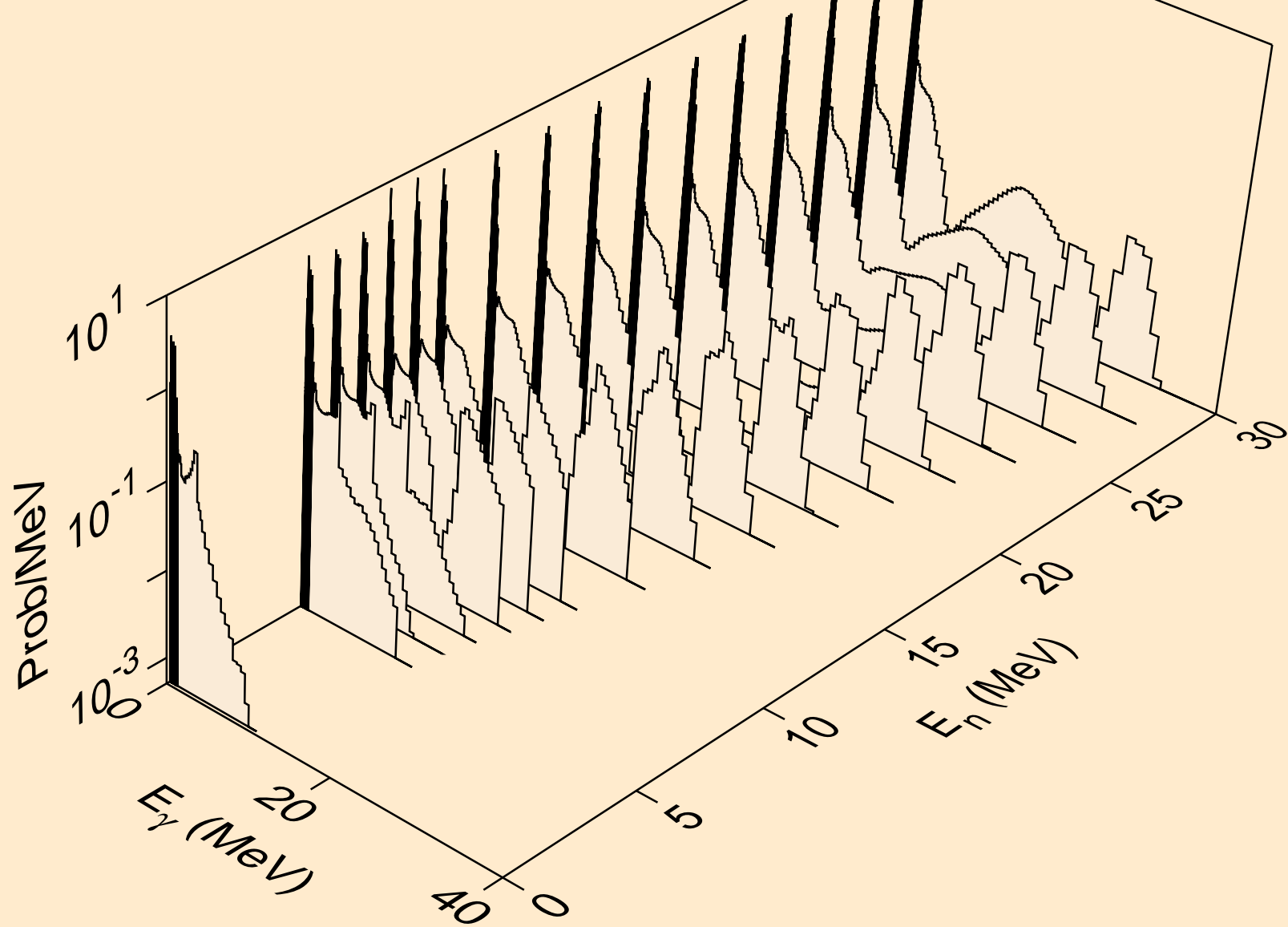
V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



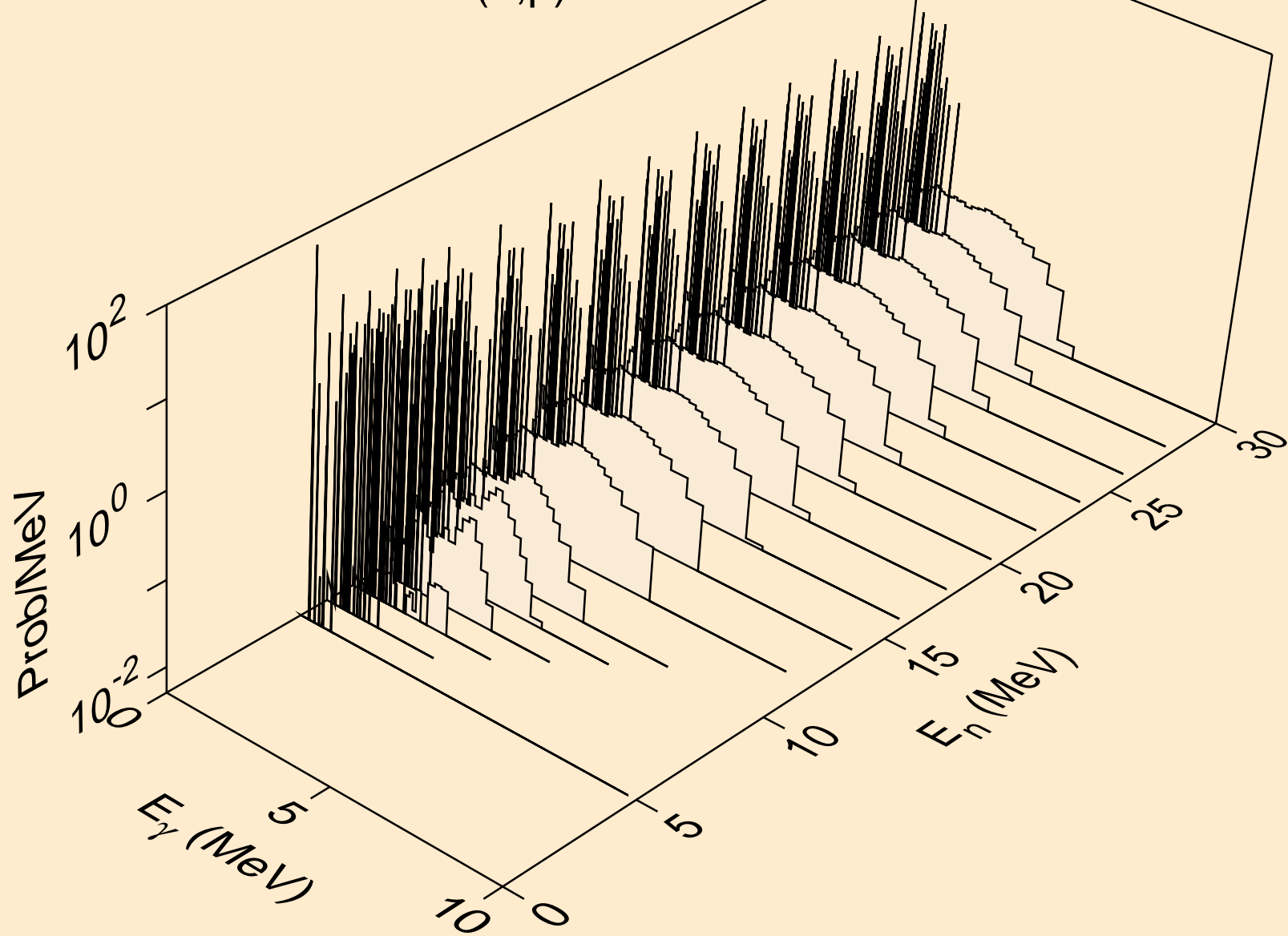
V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



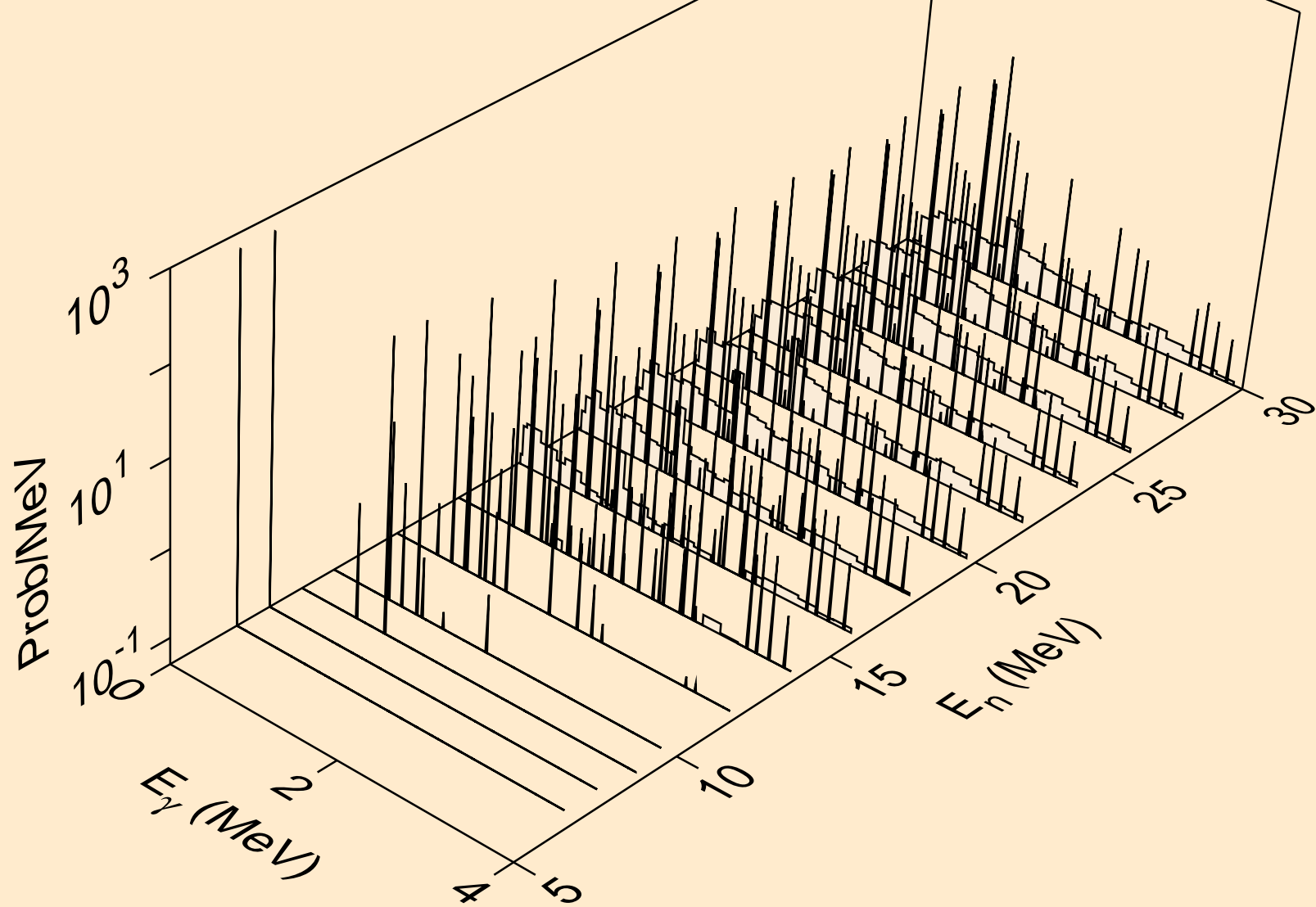
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Photon emission for (n,gma)



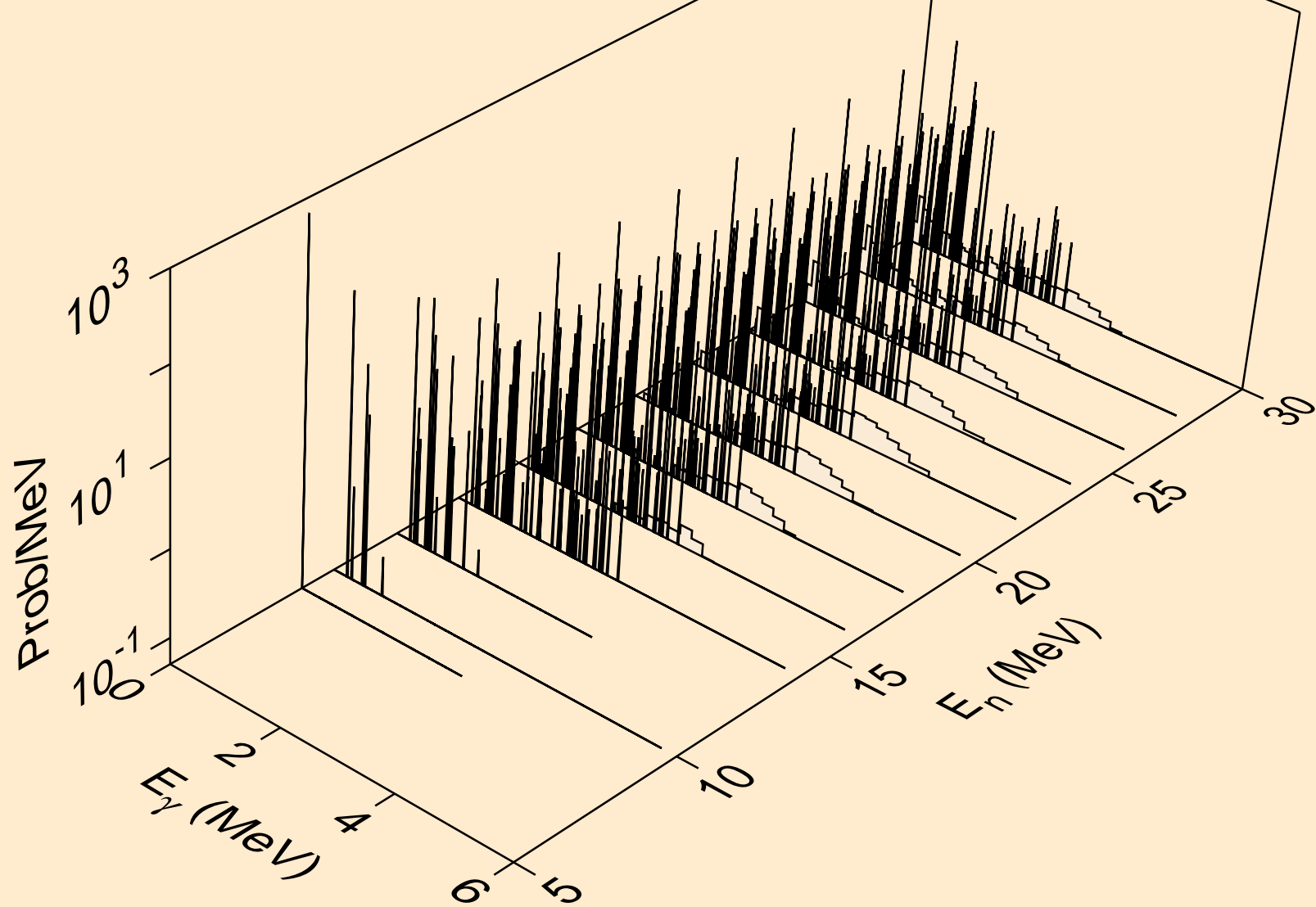
V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



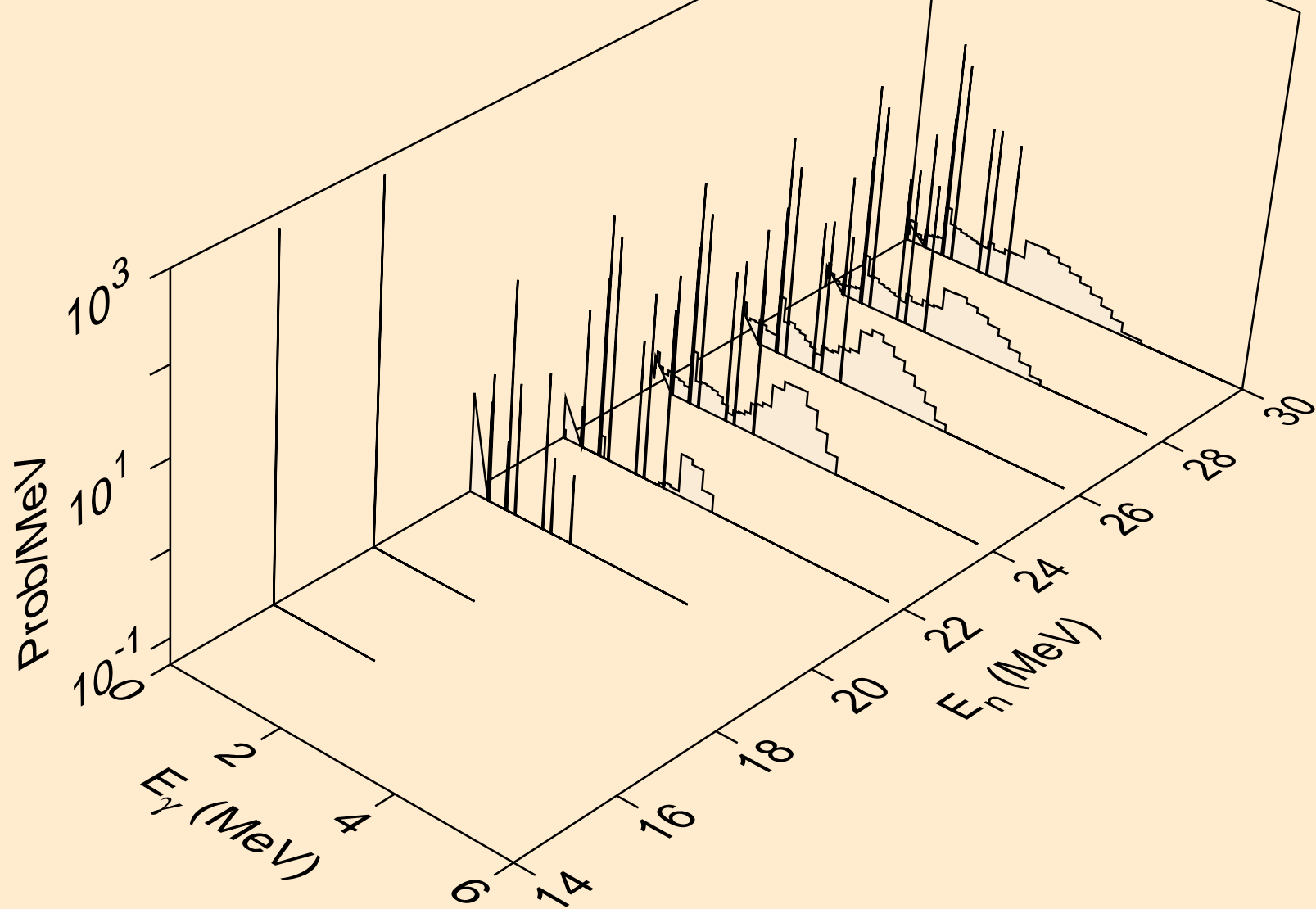
V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



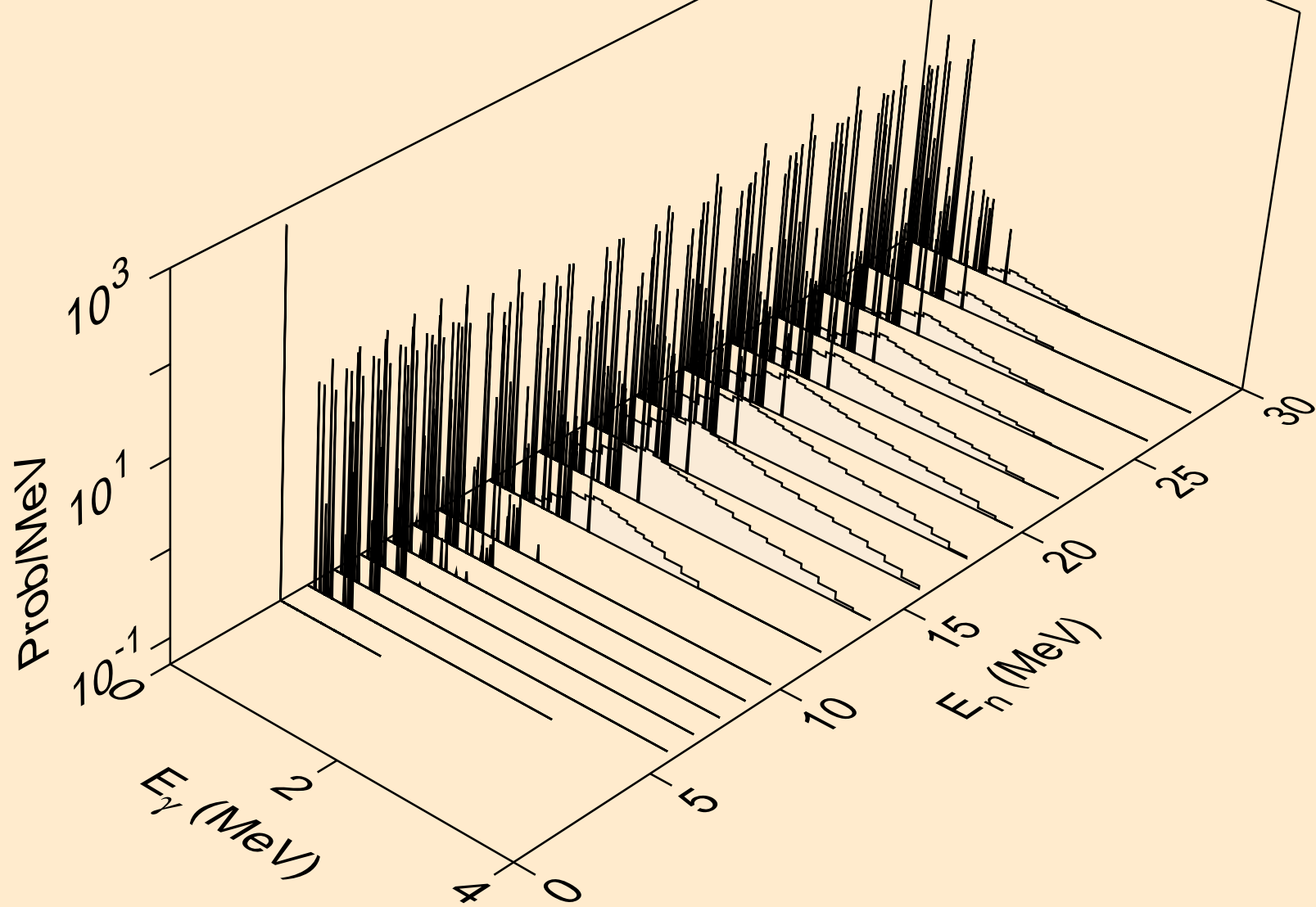
V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)

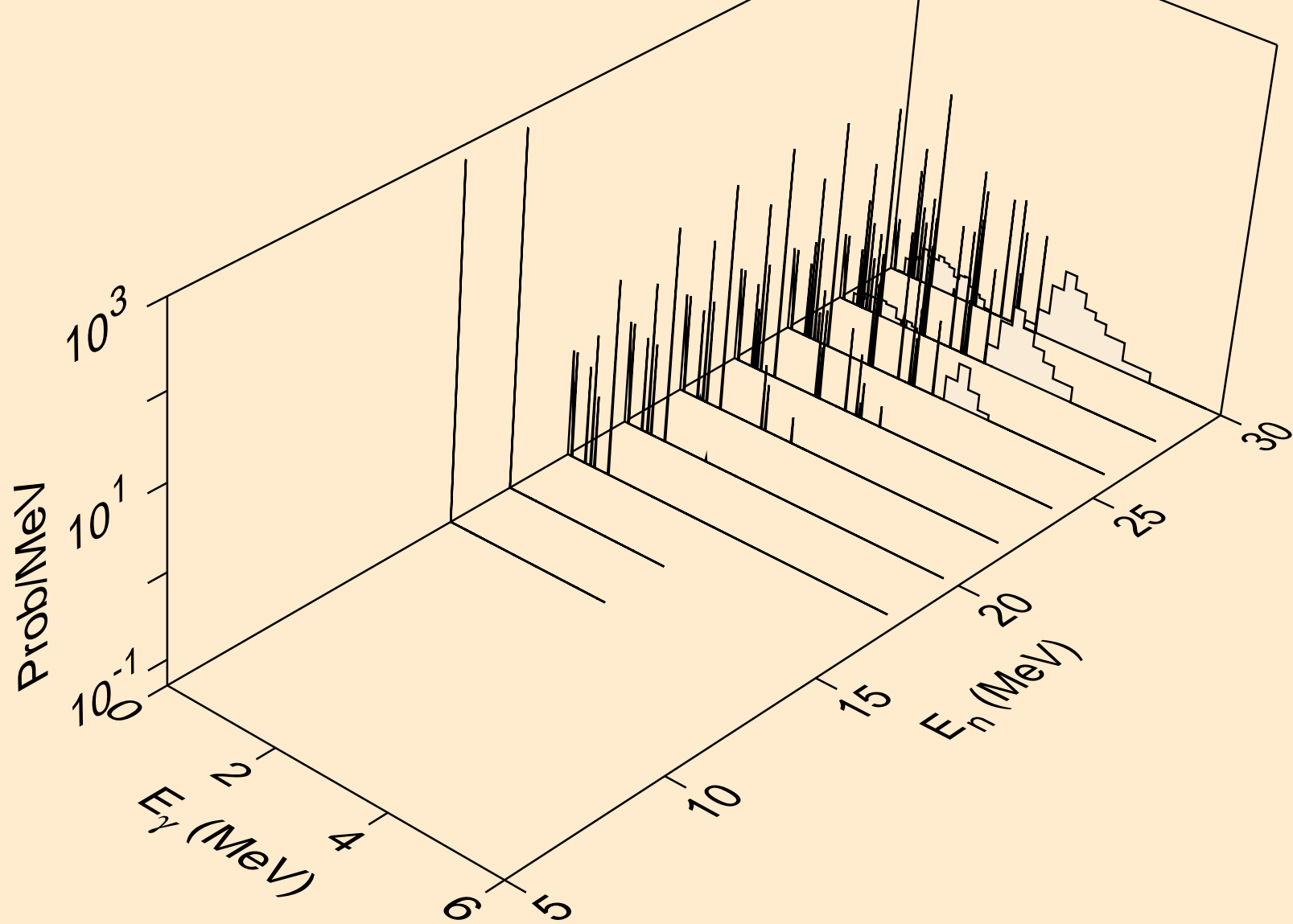


V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

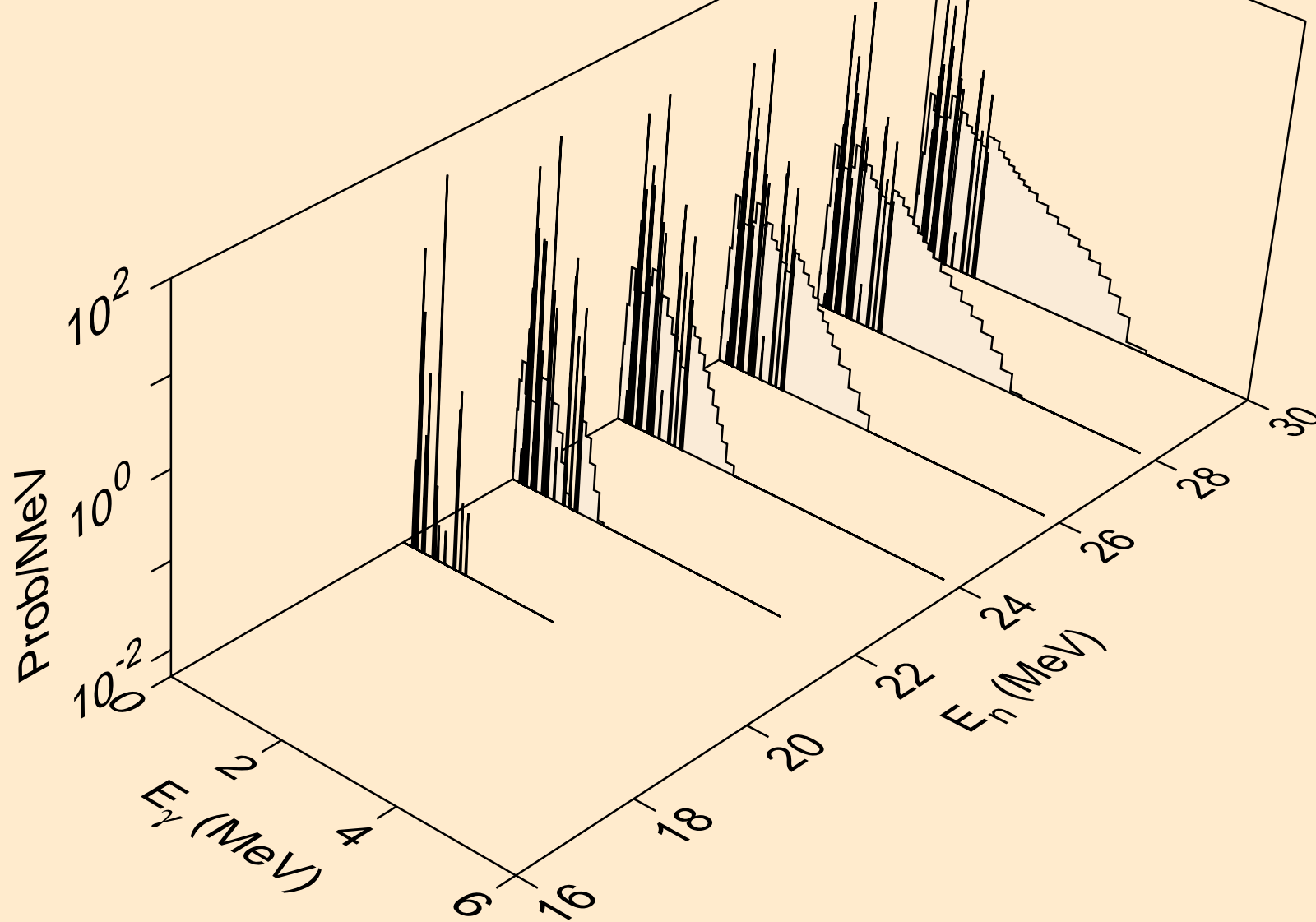




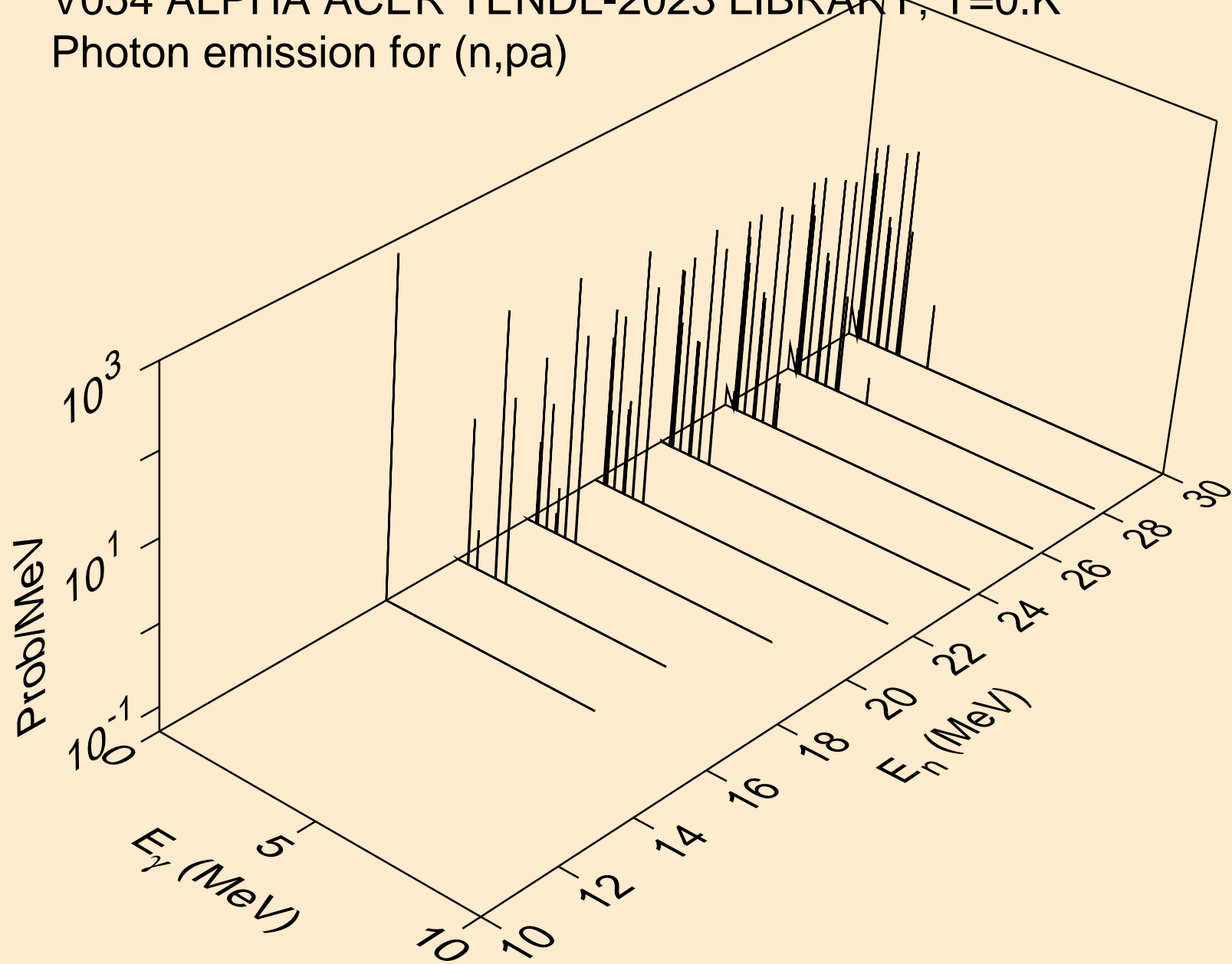
V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



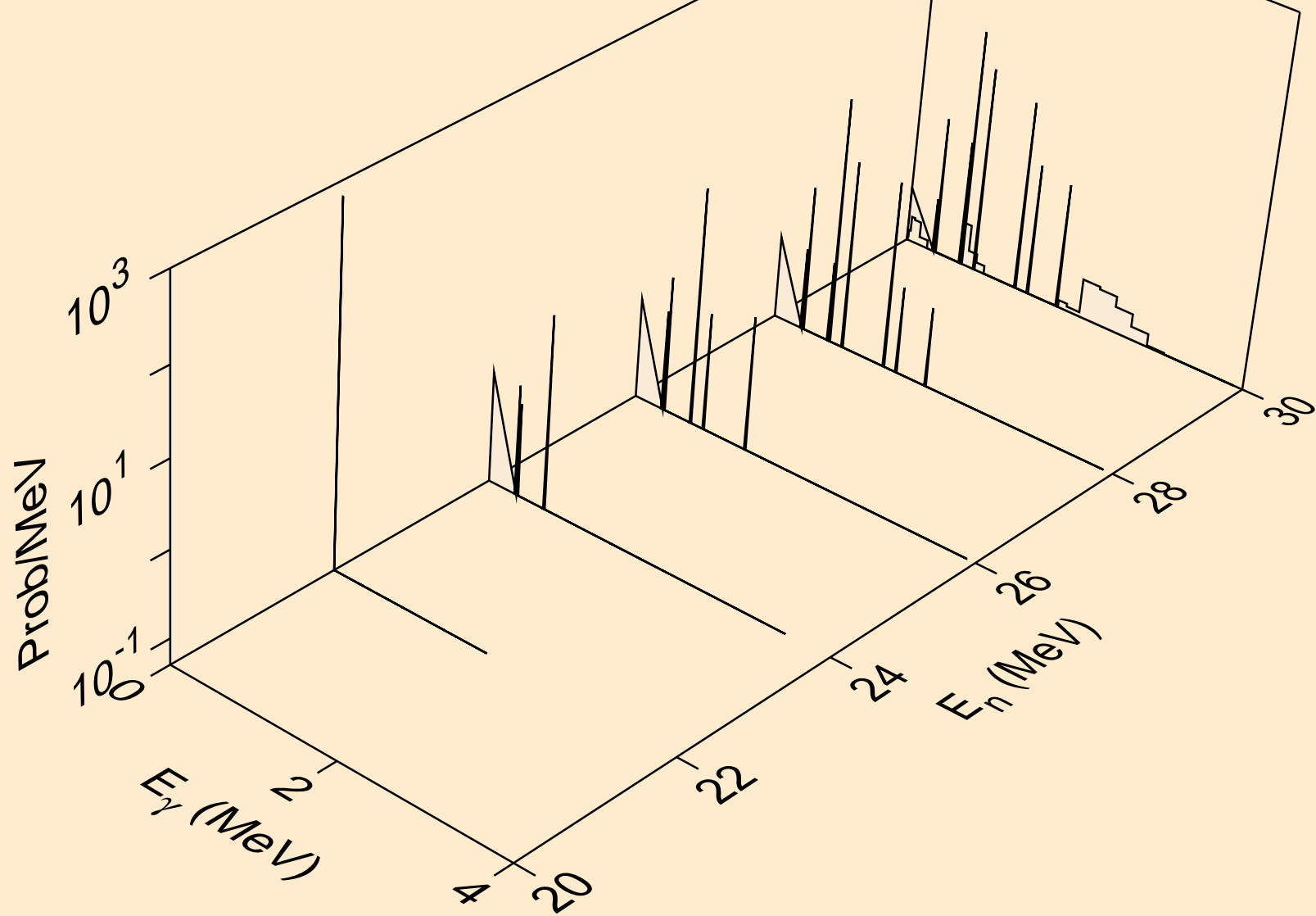
V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



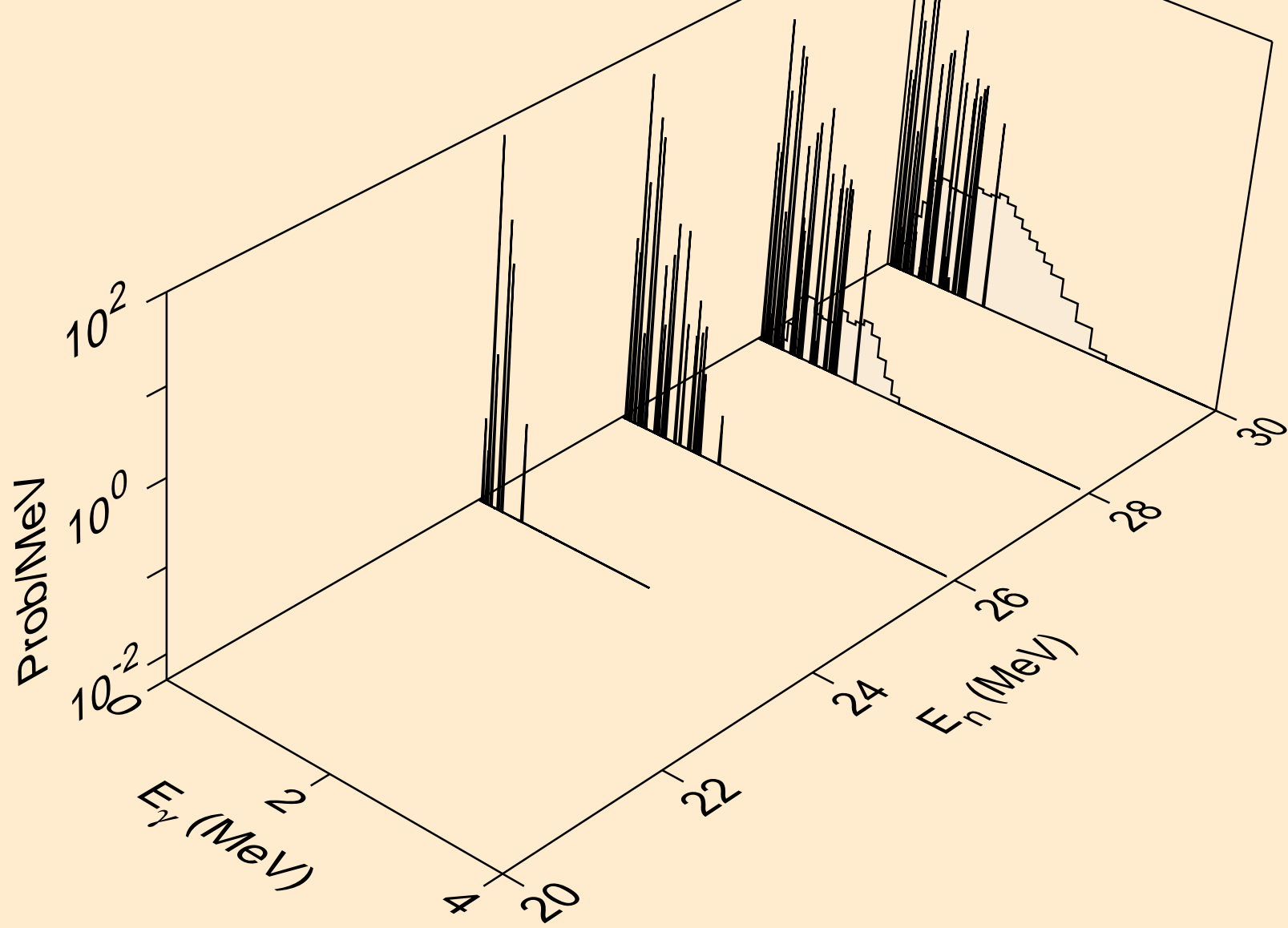
V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



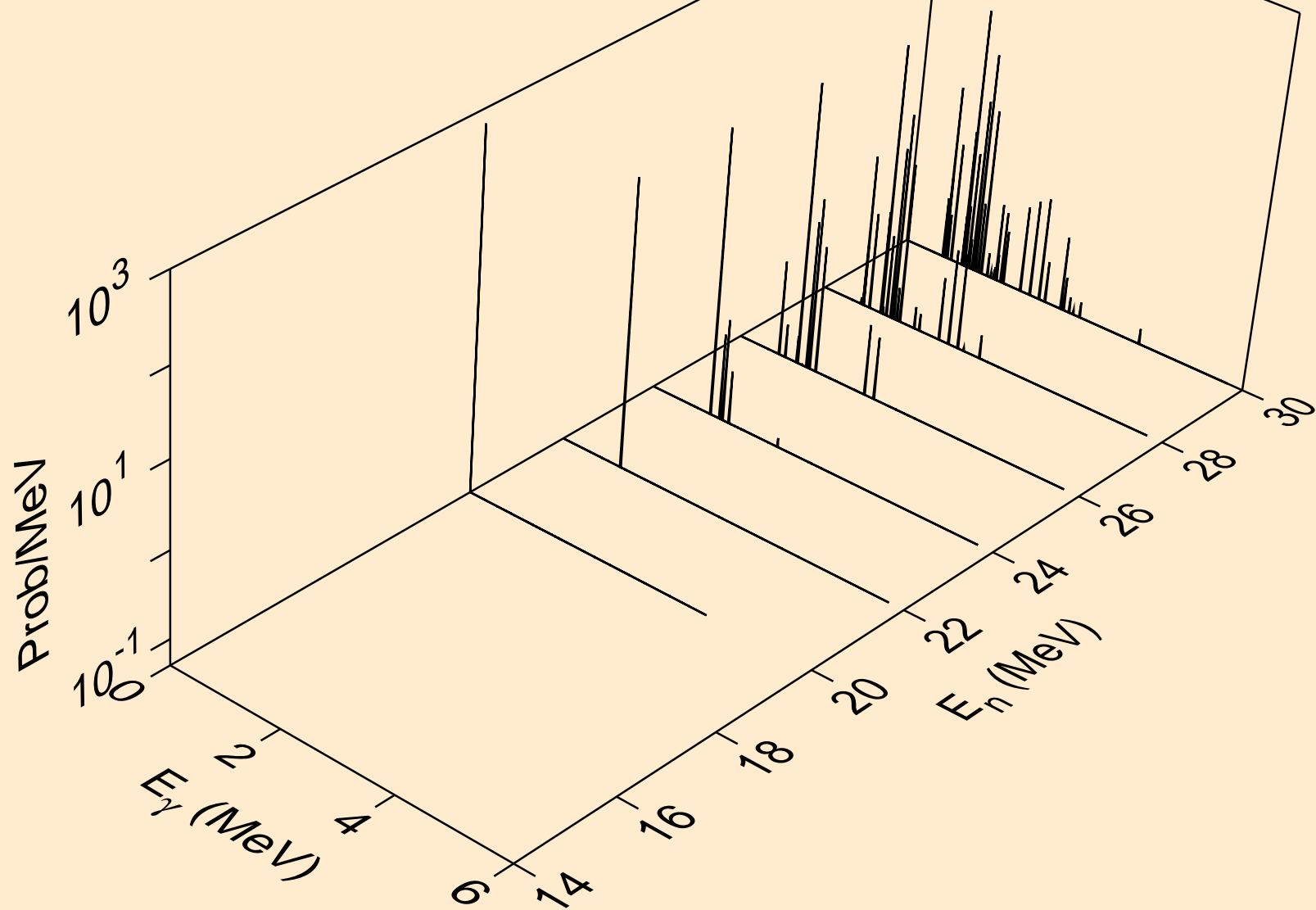
V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



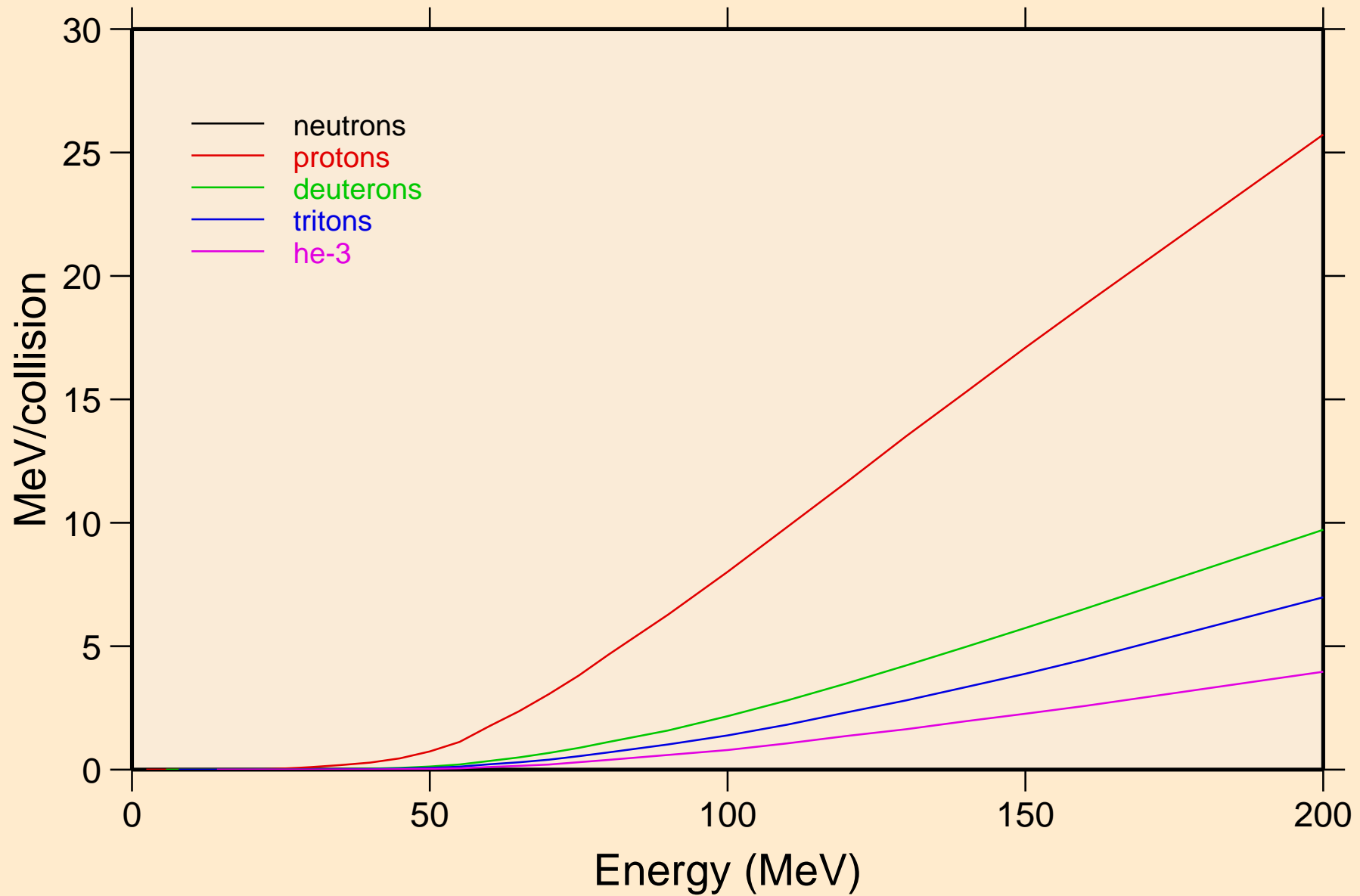
V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



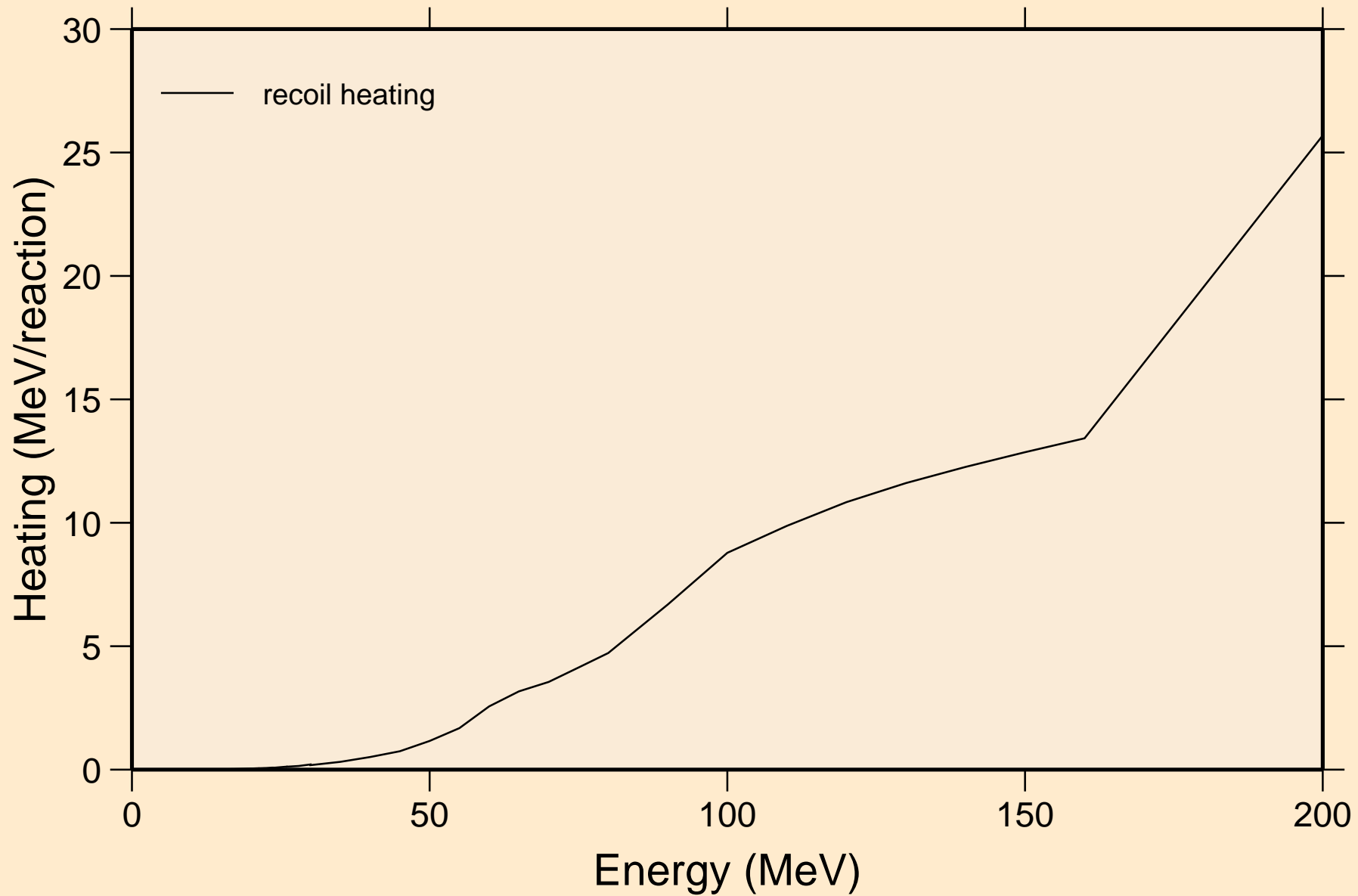
V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions

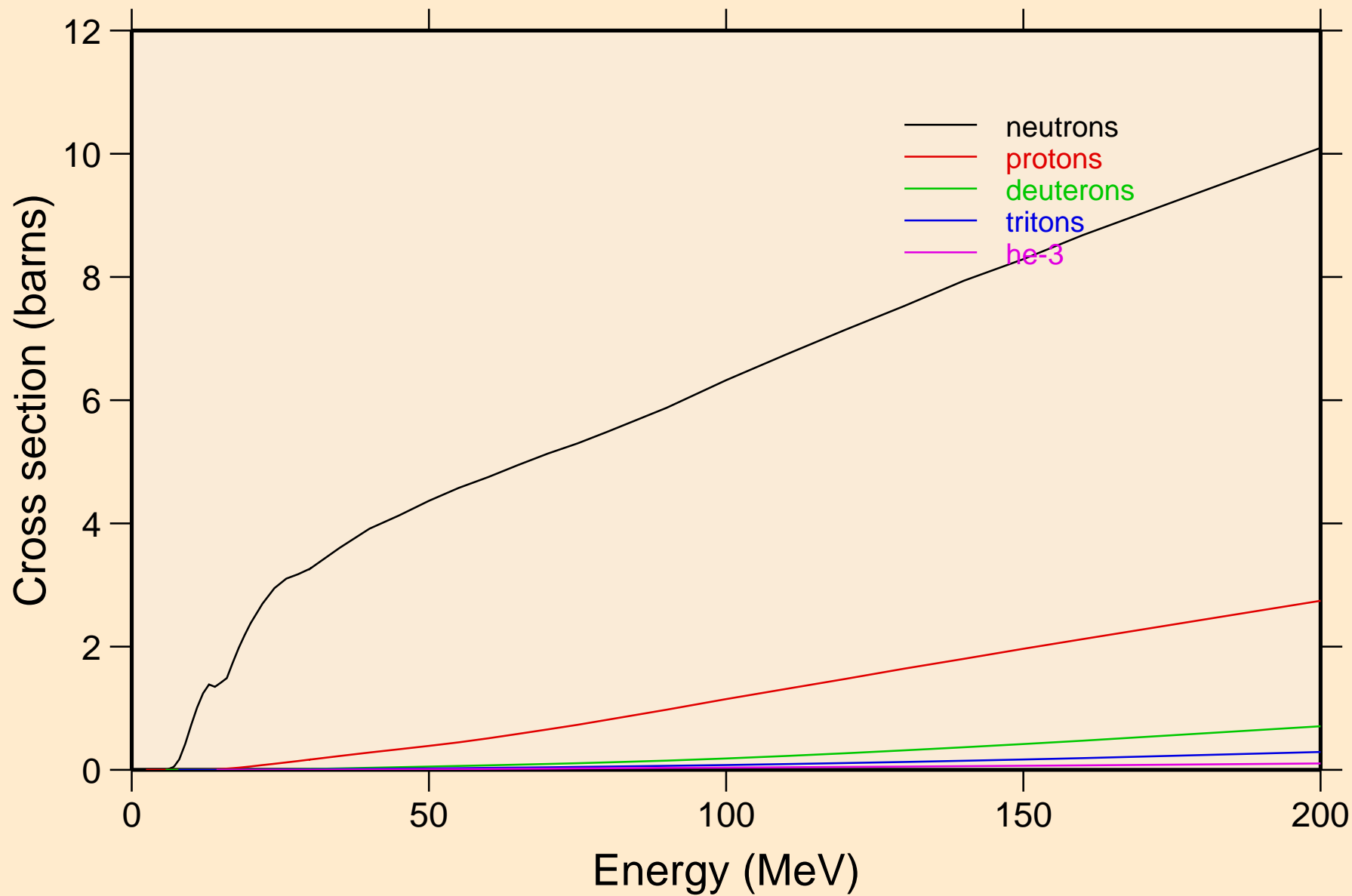


V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

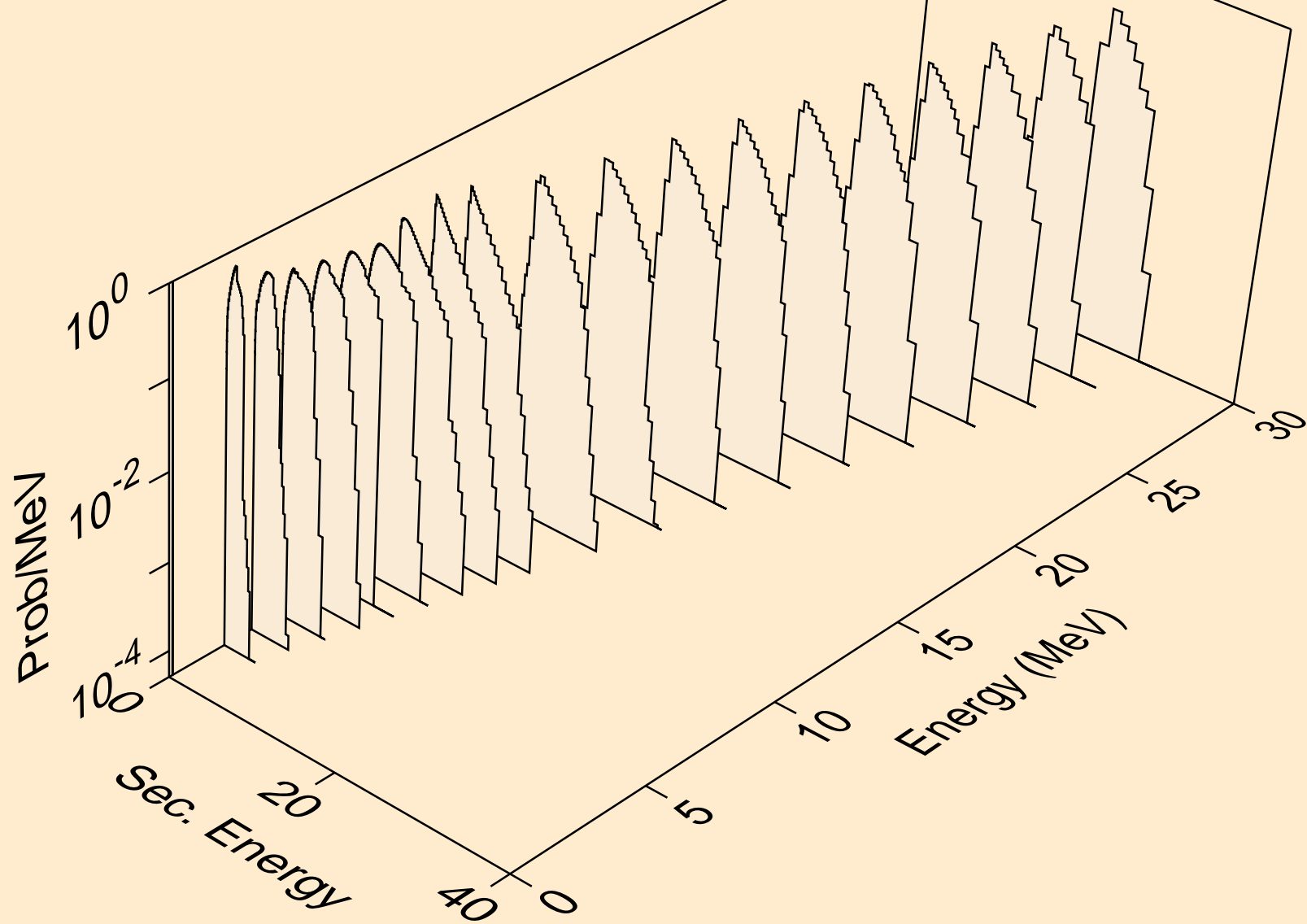




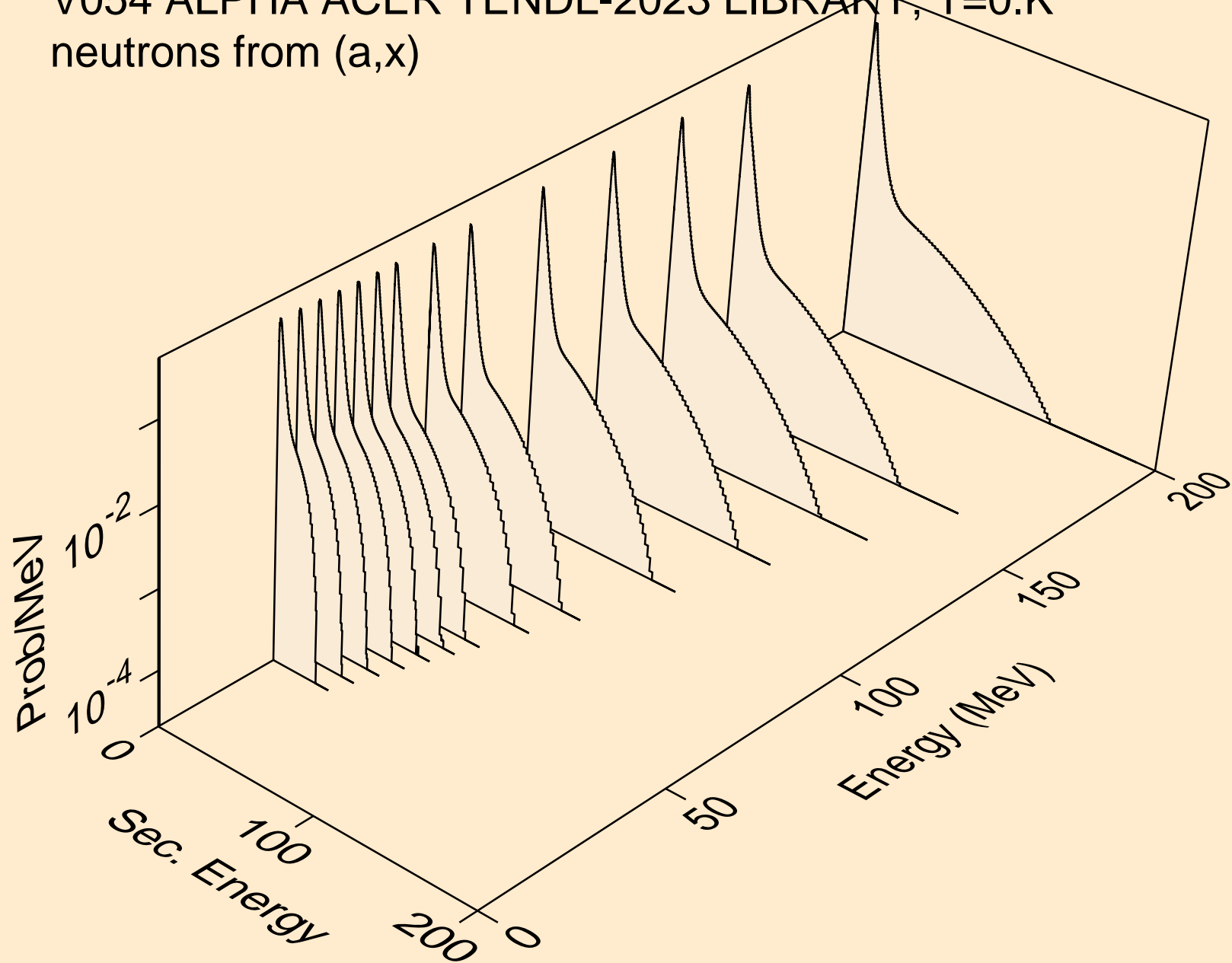
V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



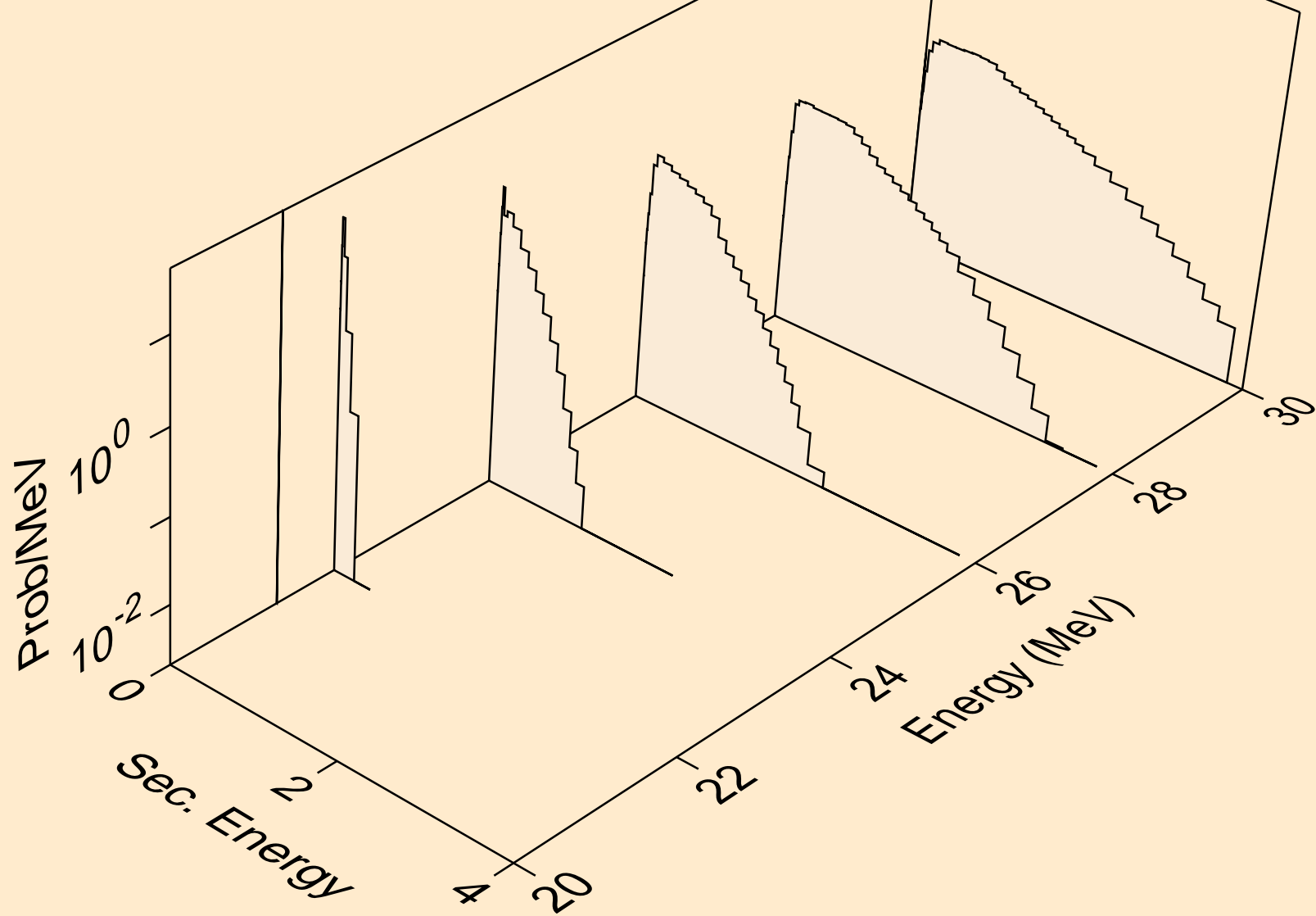
V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)



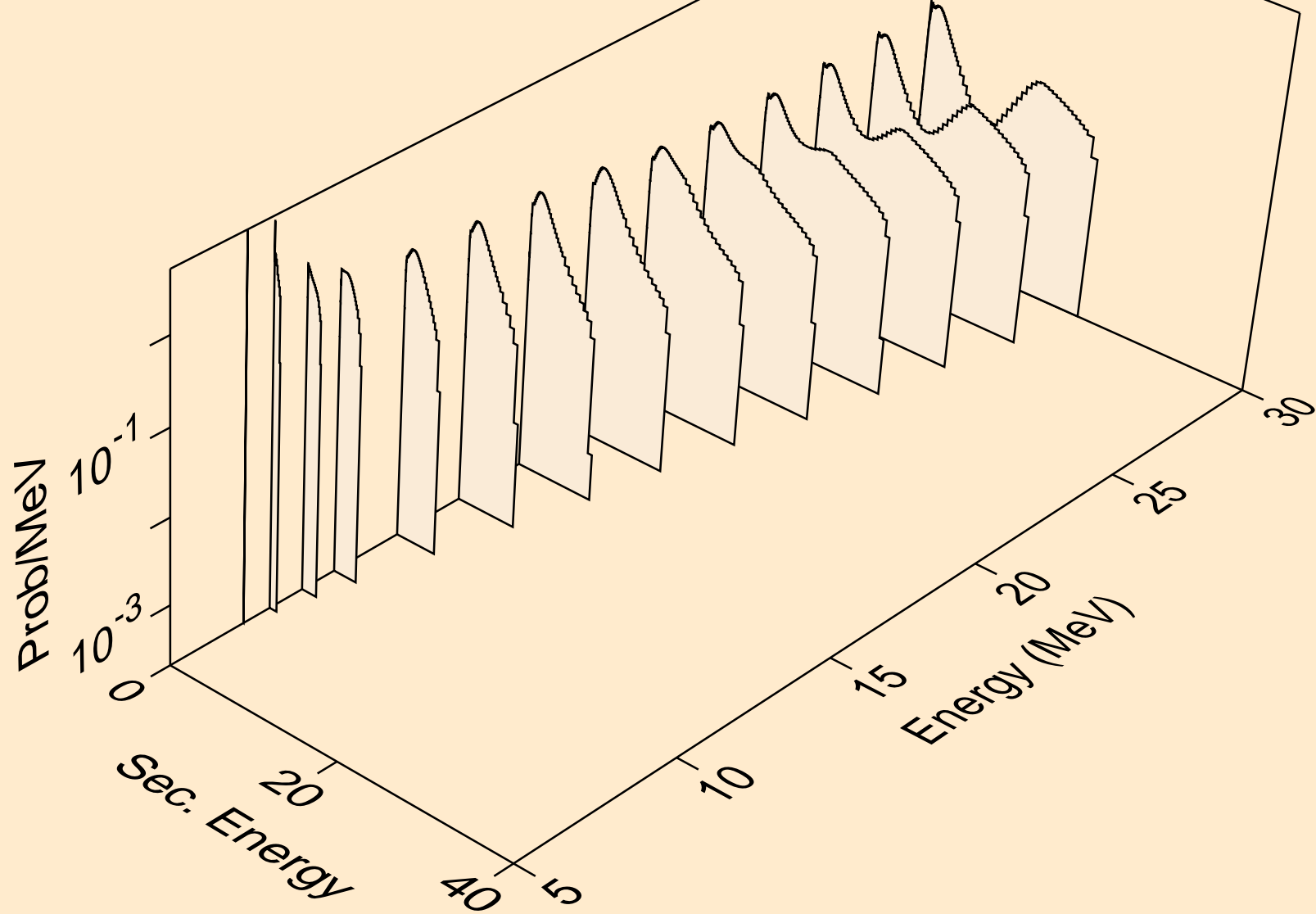
V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)



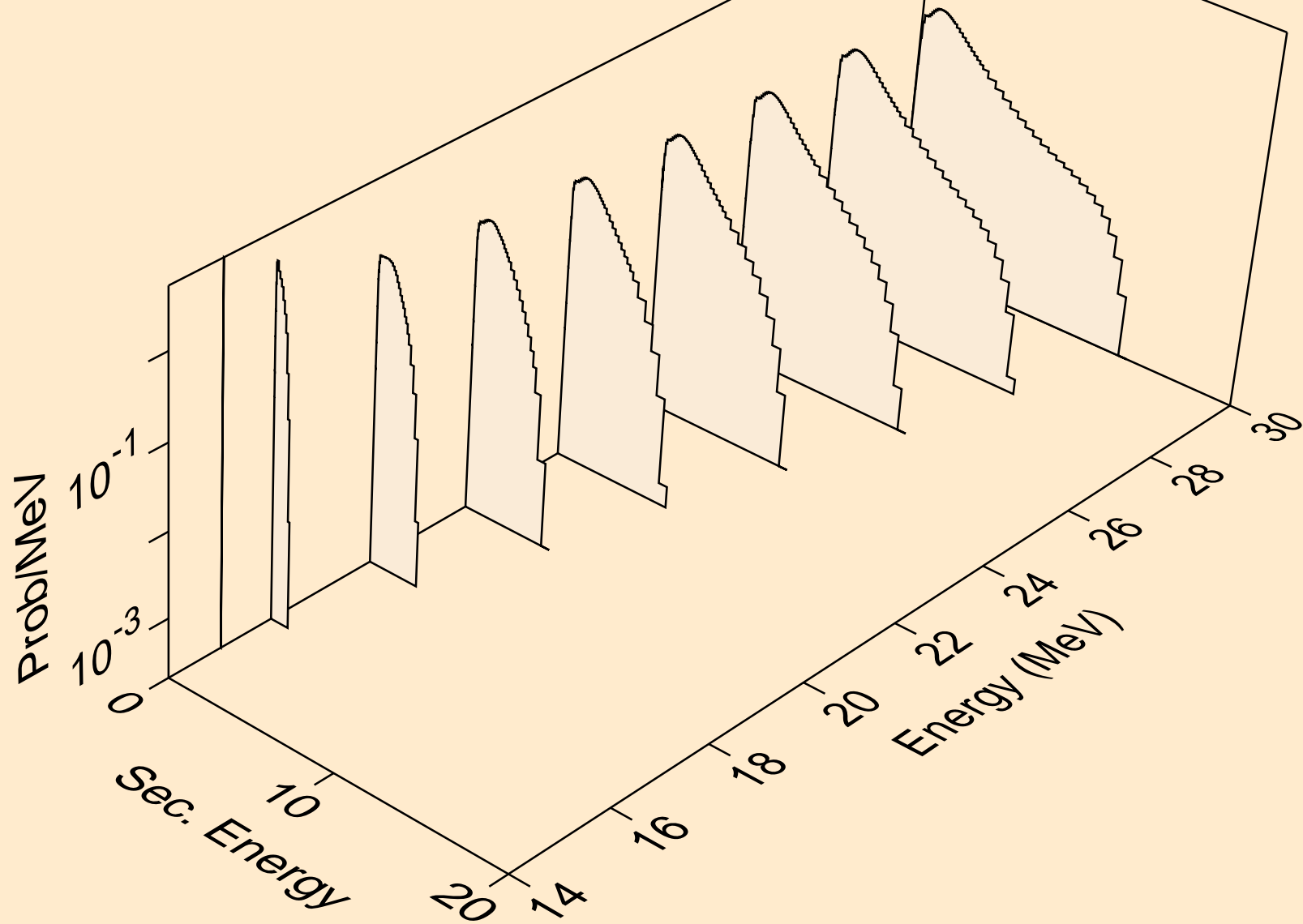
V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2nd)



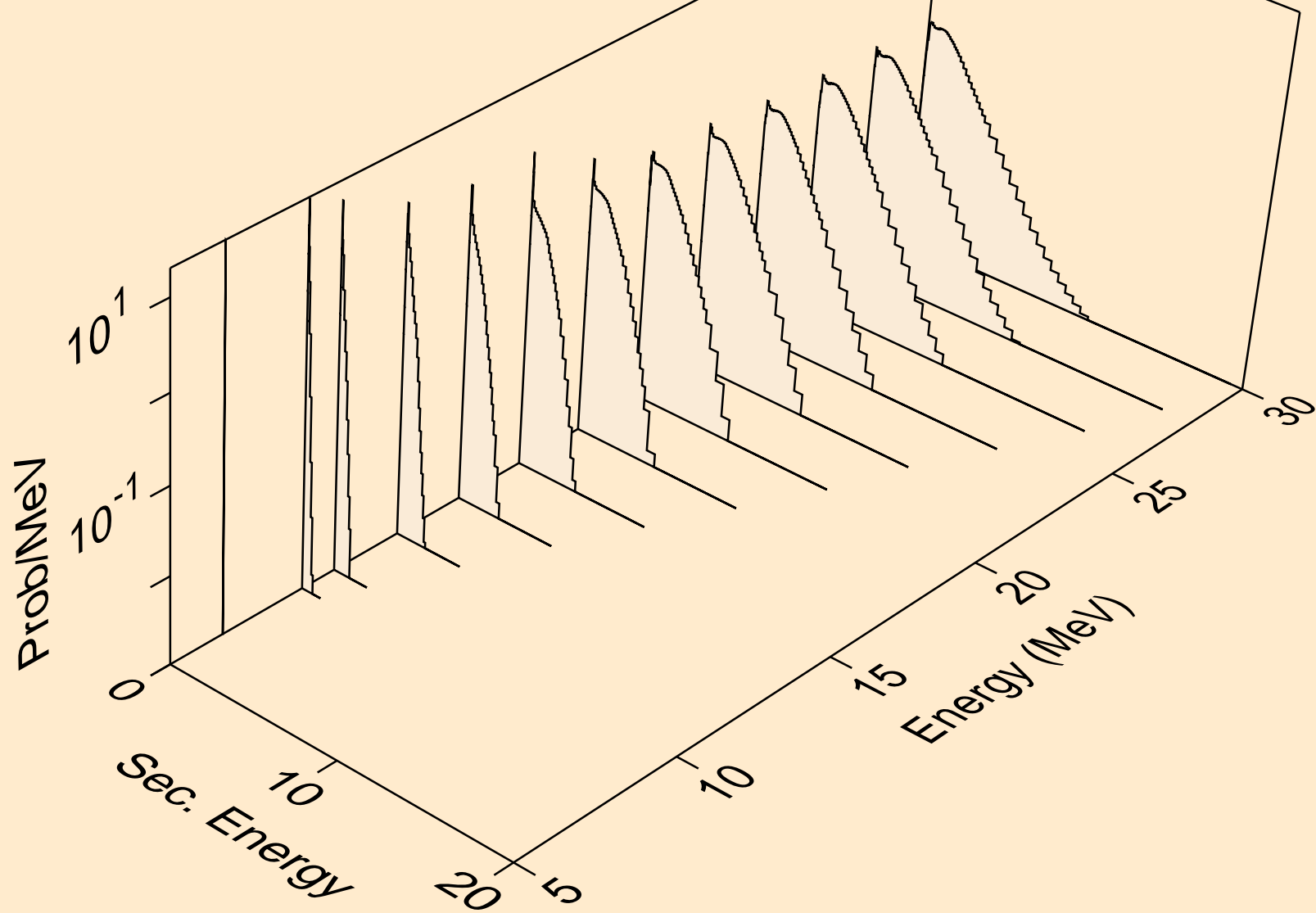
V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)



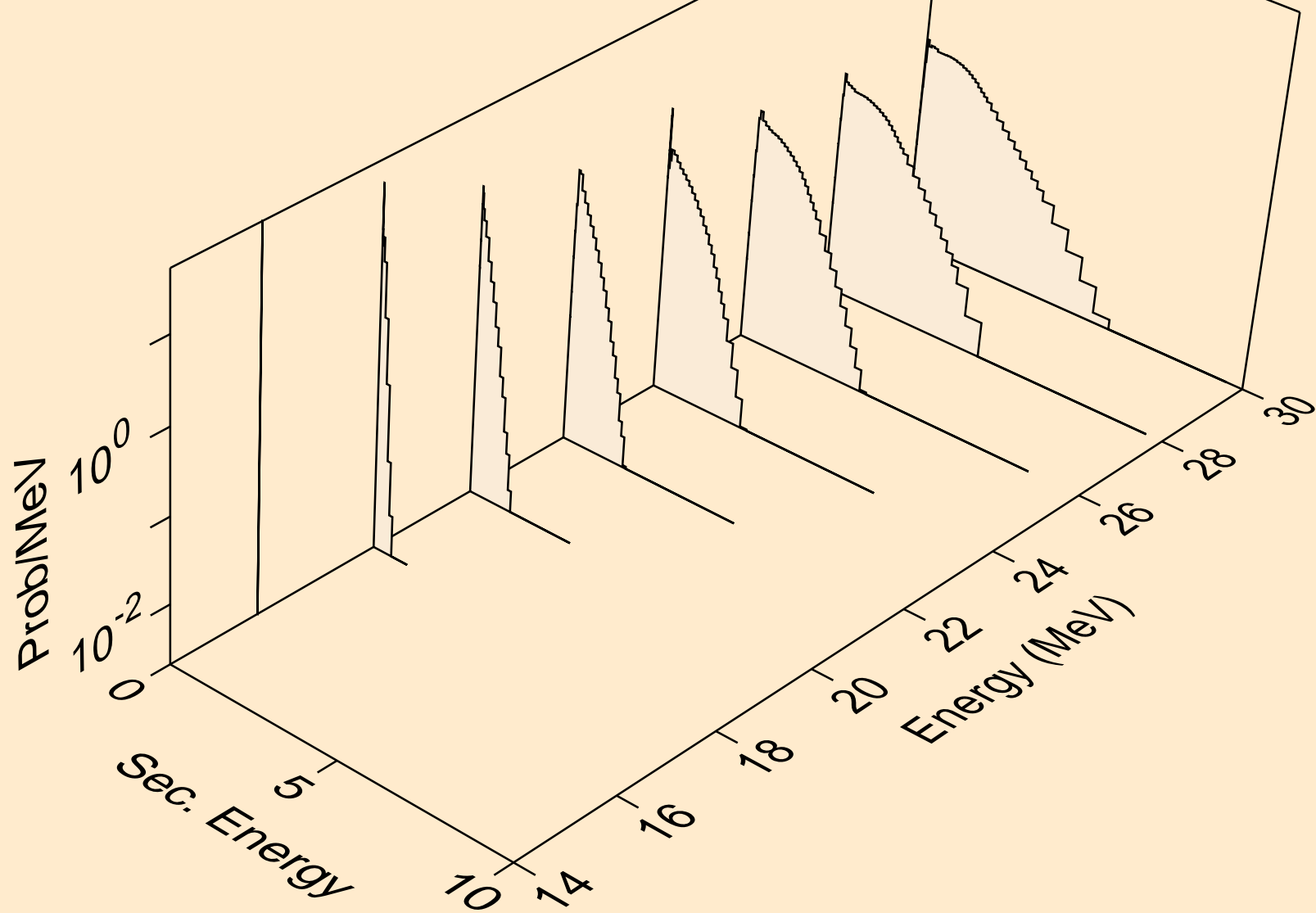
V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3n)



V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a

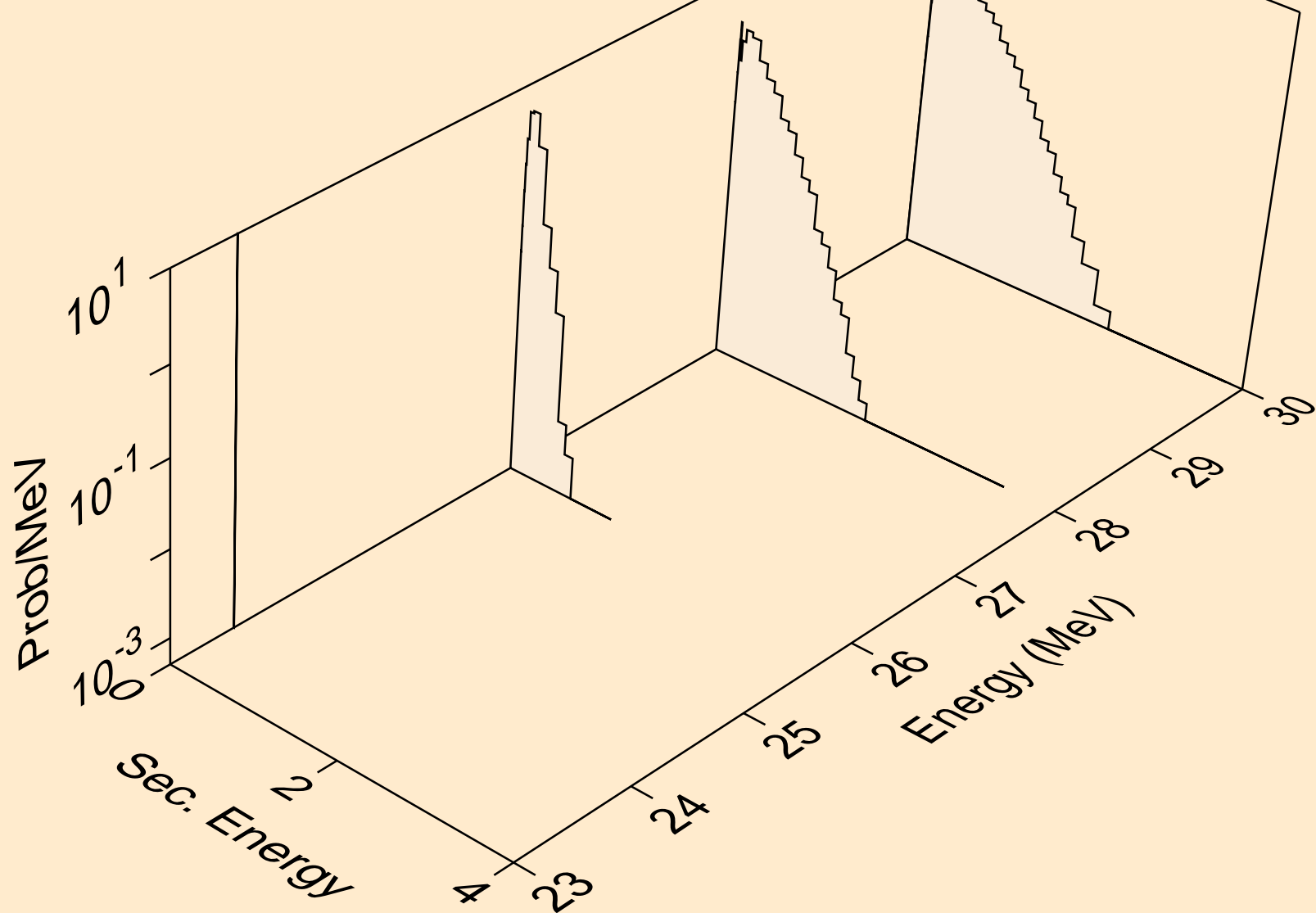


V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)a

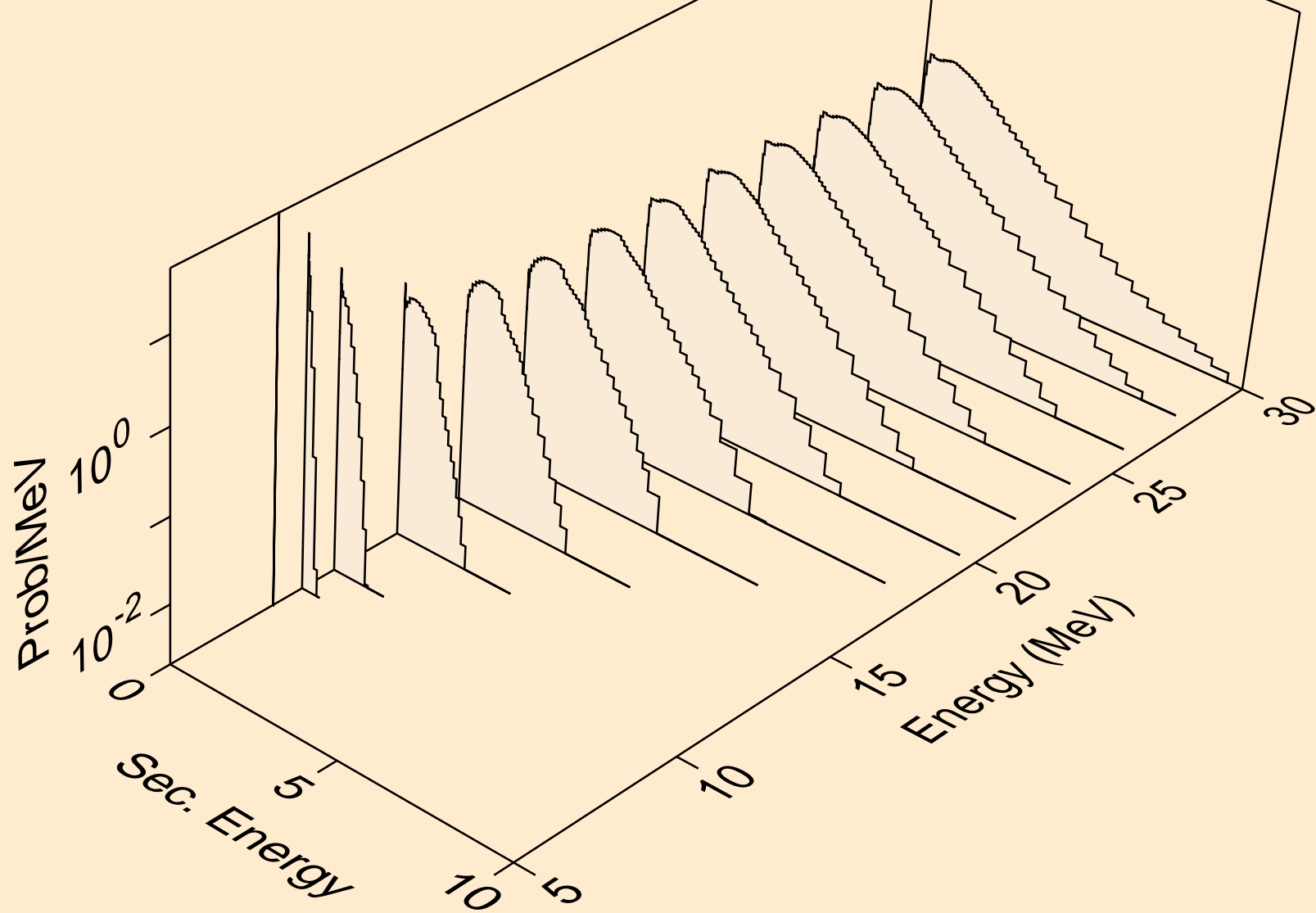




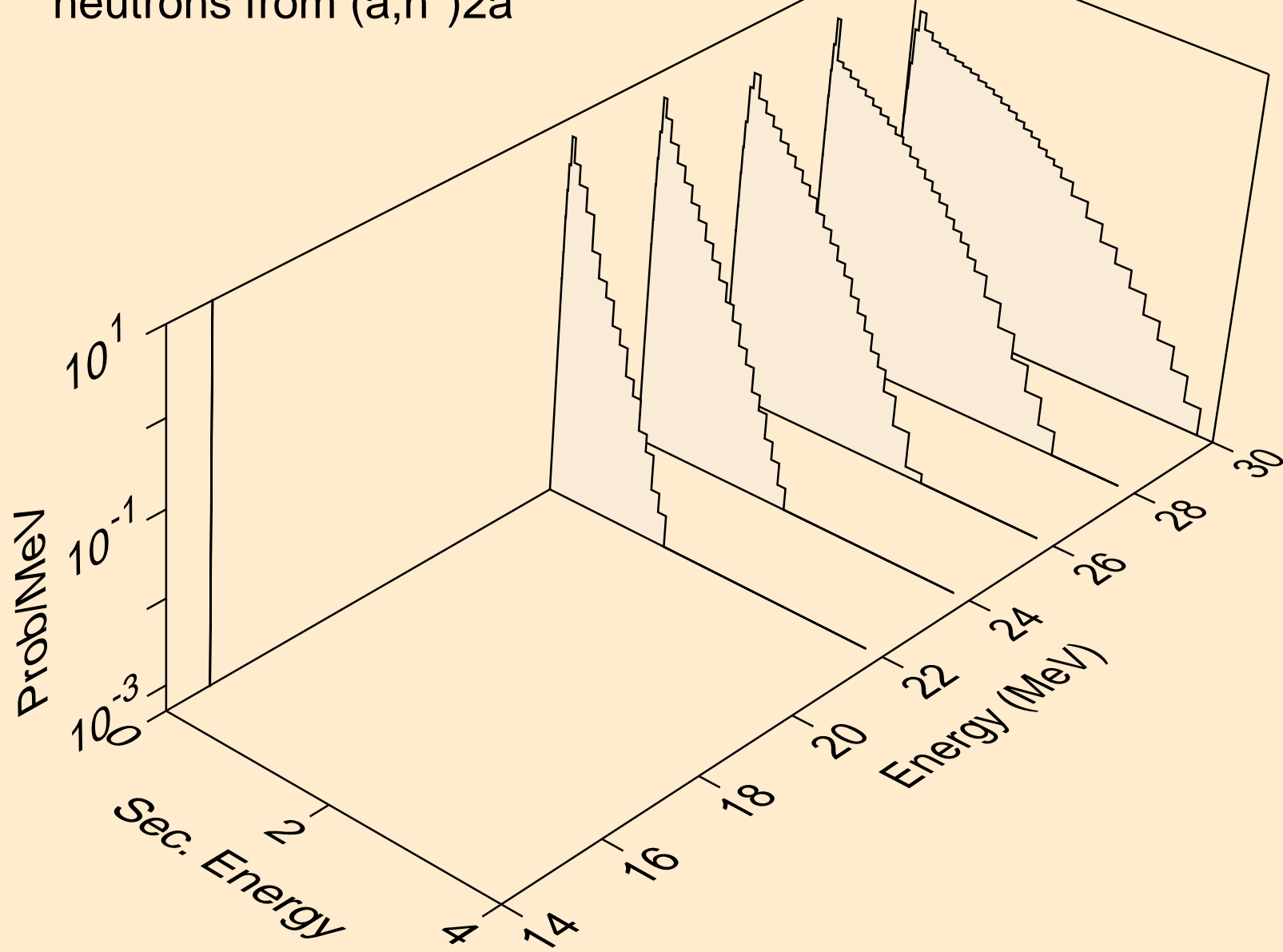
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neutrons from (a,3n)a



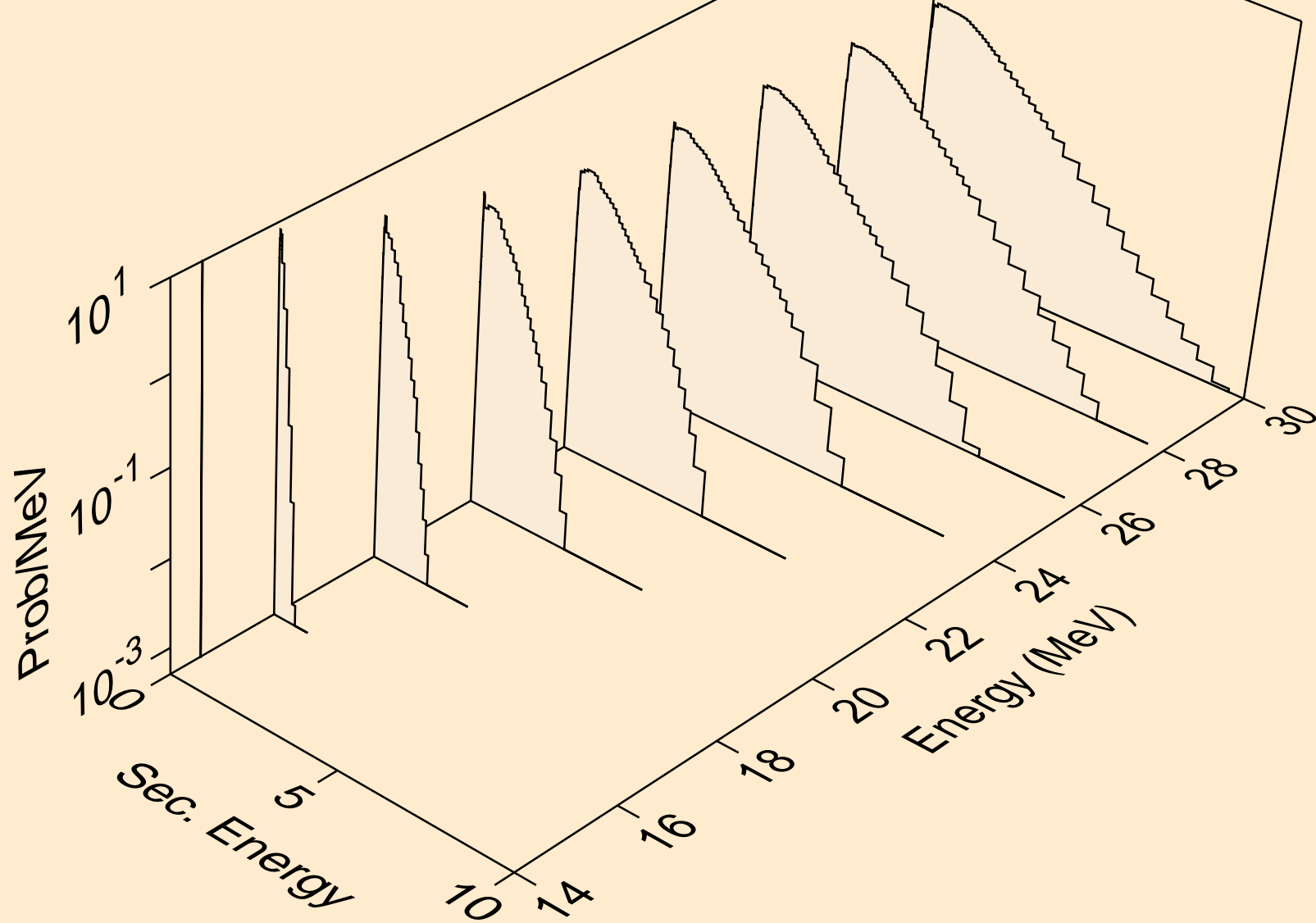
V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)p



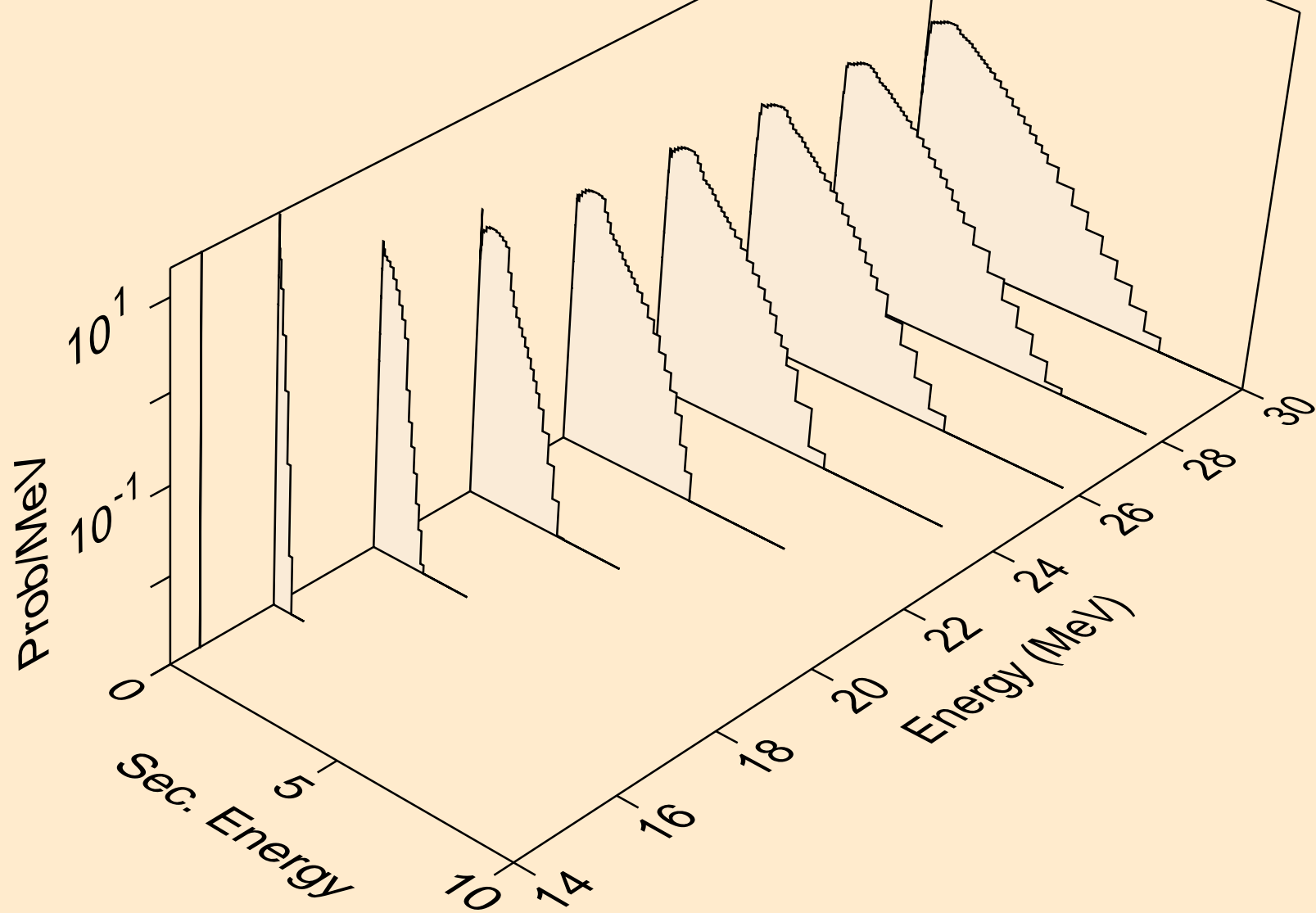
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neutrons from (a,n\*)2a



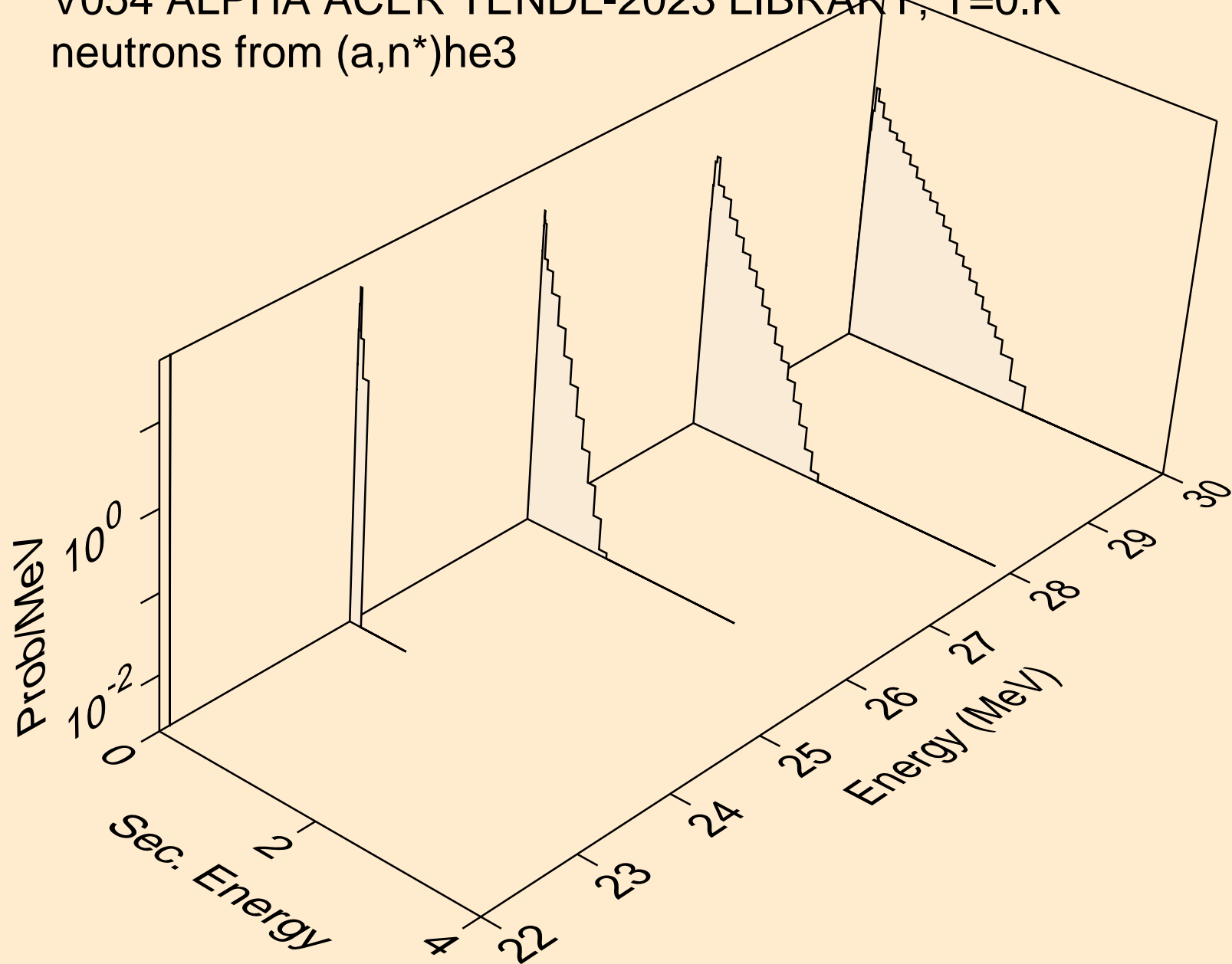
V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)d



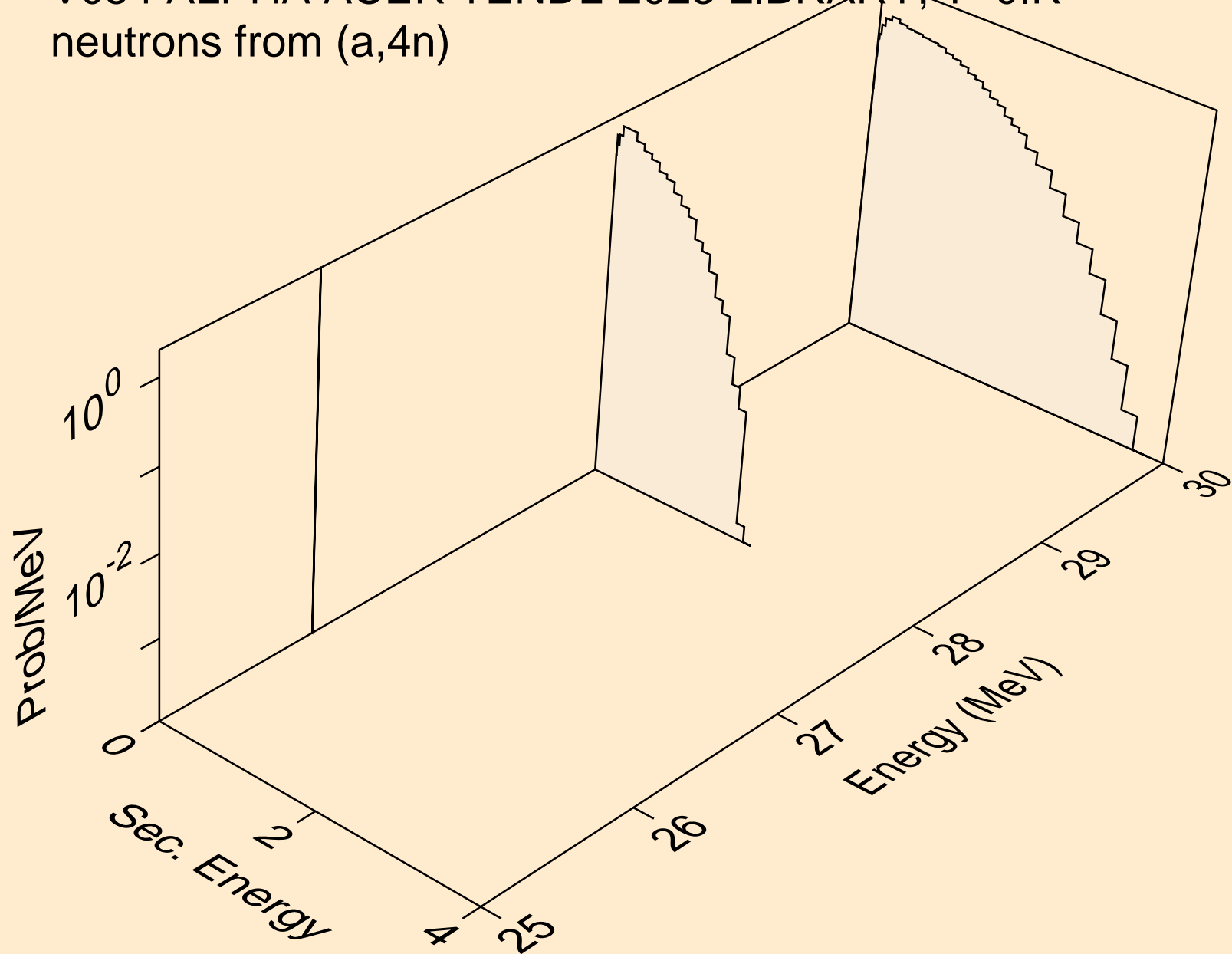
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neutrons from (a,n\*)t



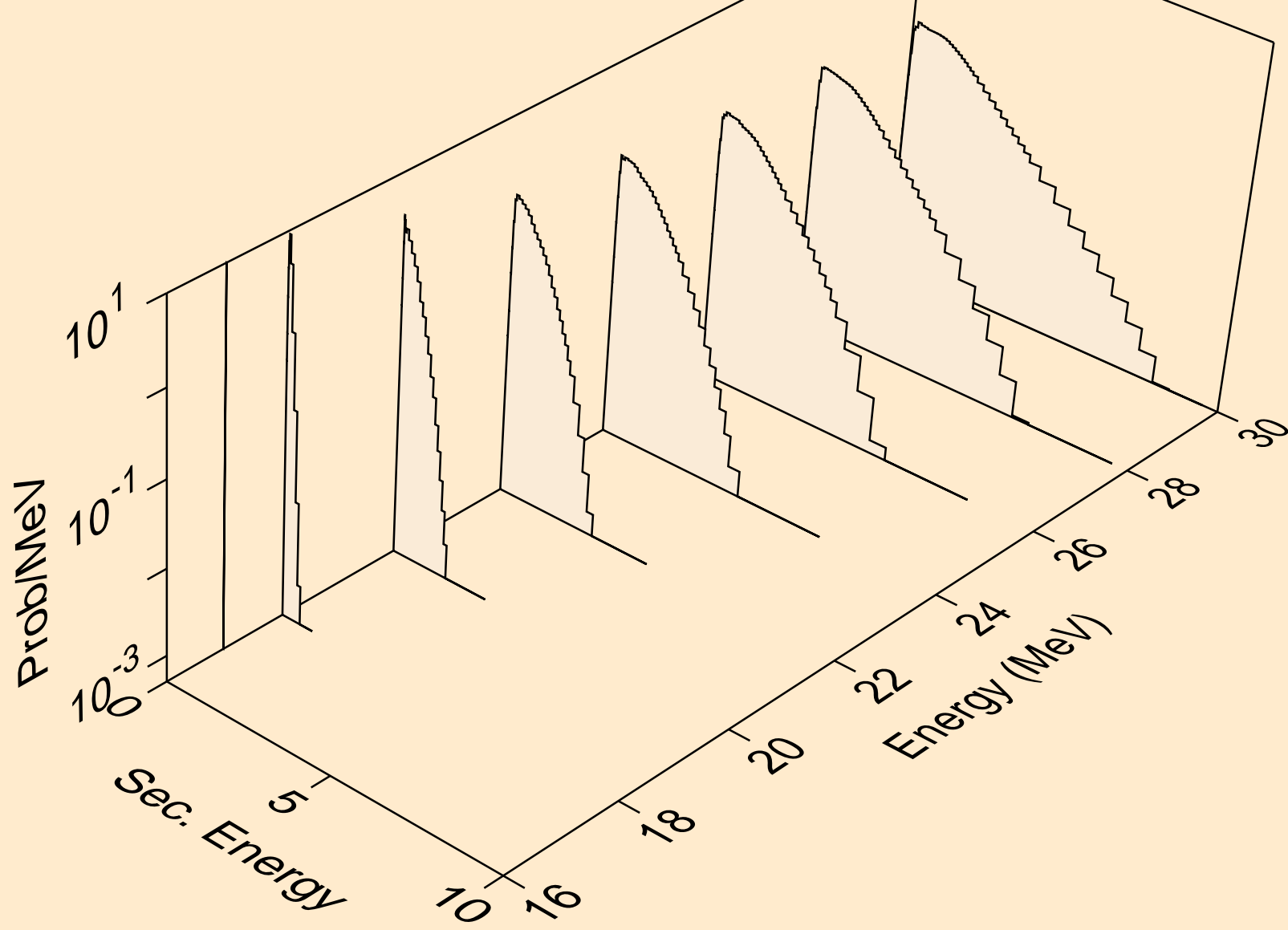
V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)he3



V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,4n)

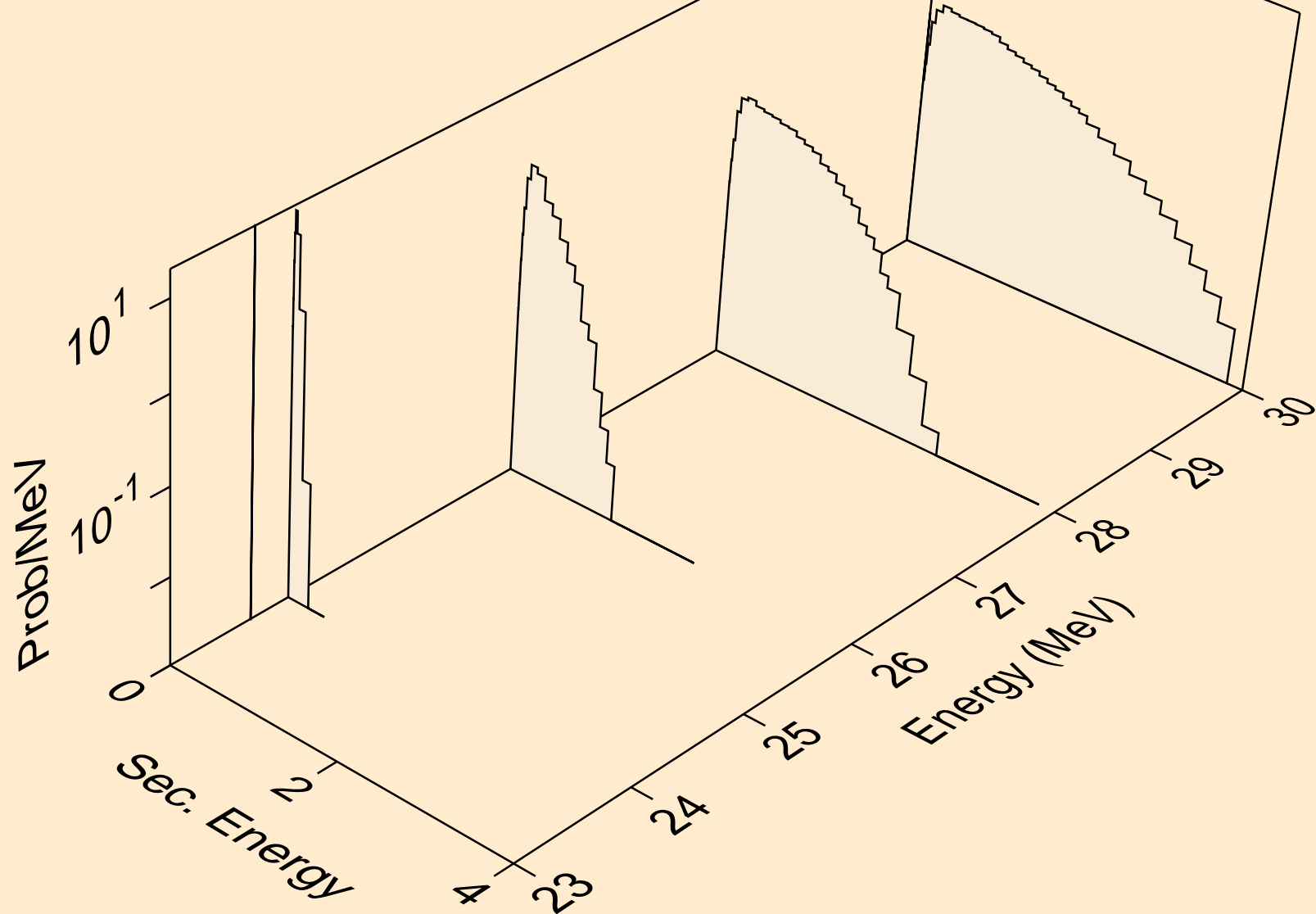


V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2np)

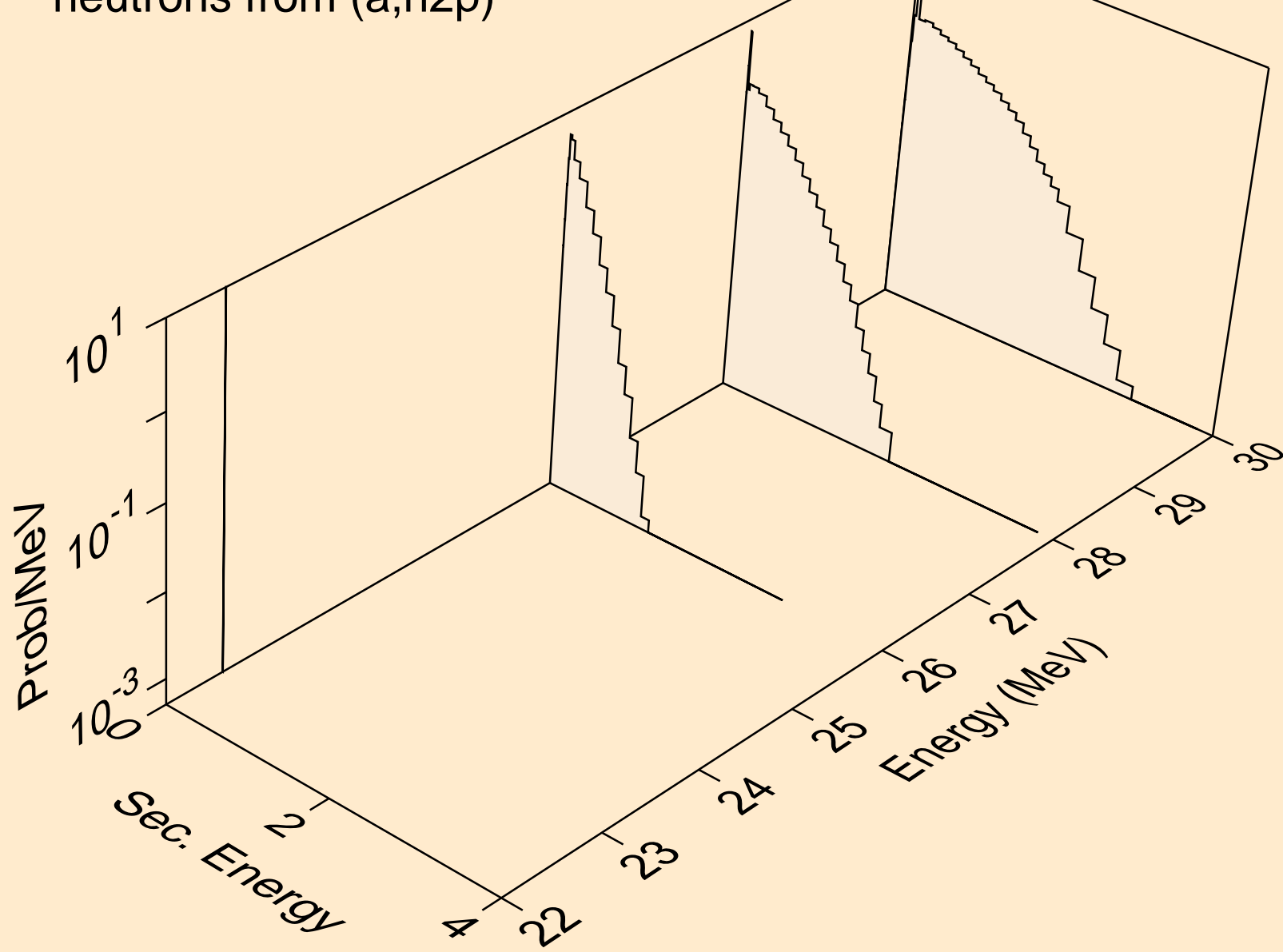




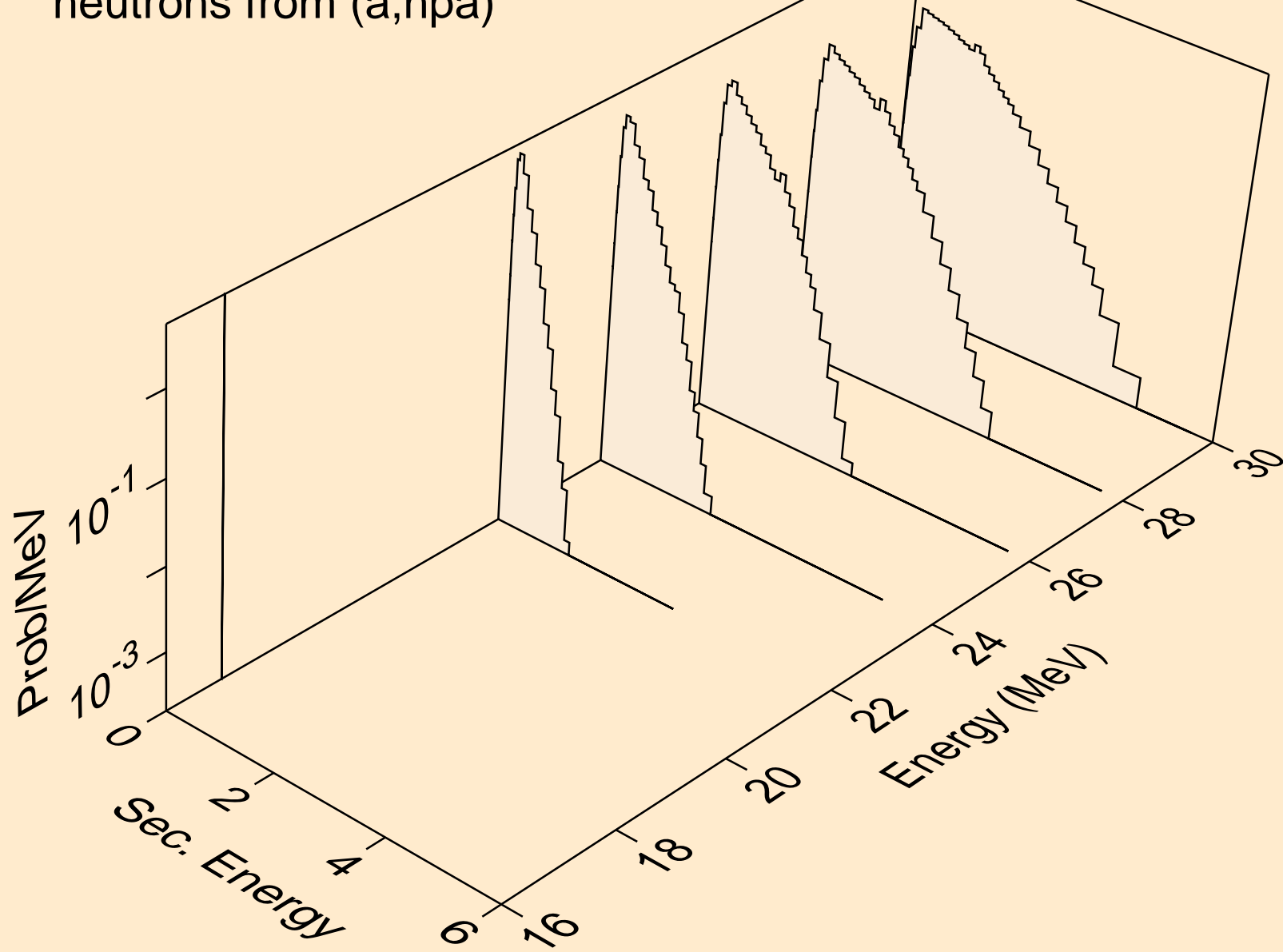
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neutrons from (a,3np)



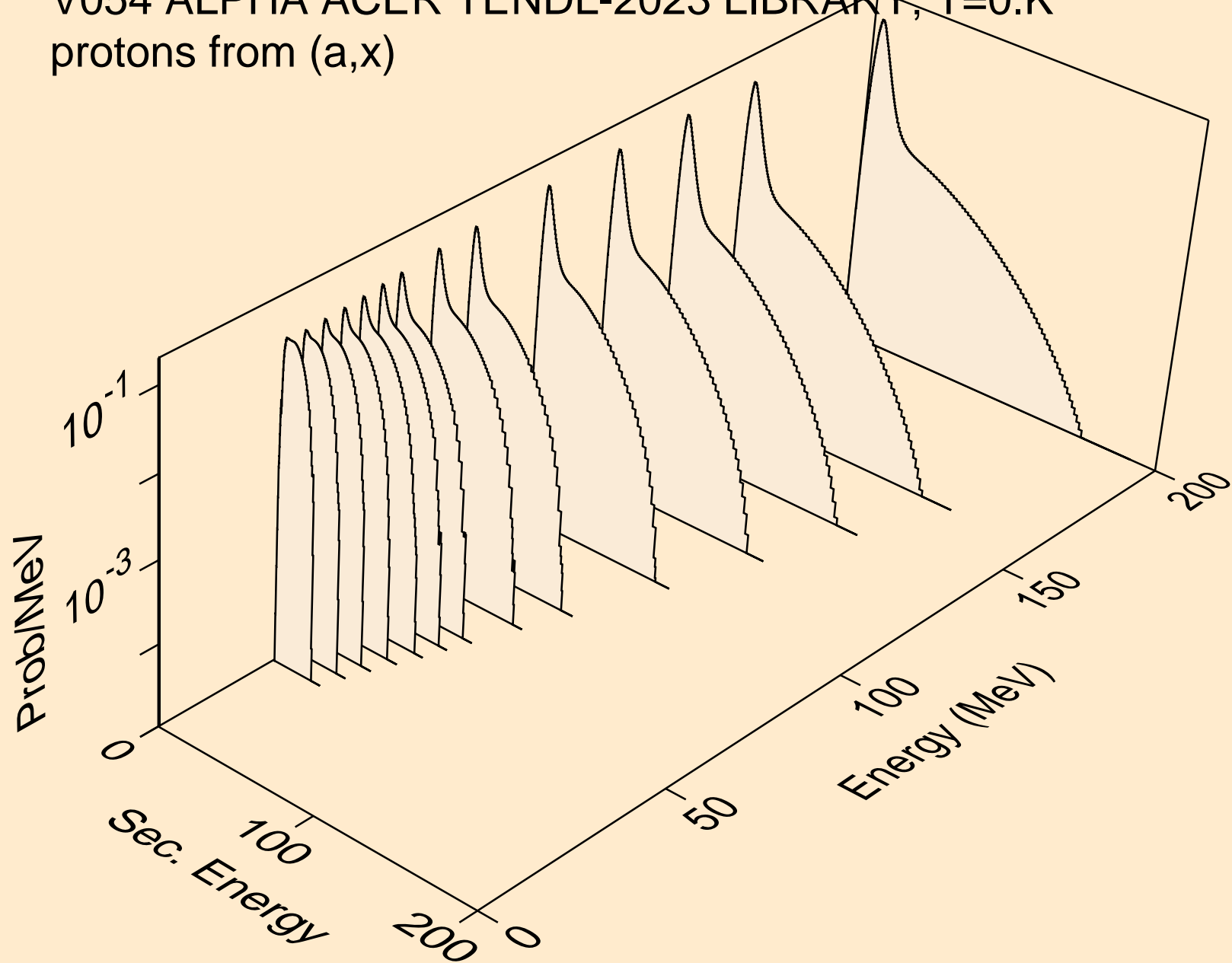
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neutrons from (a,n2p)



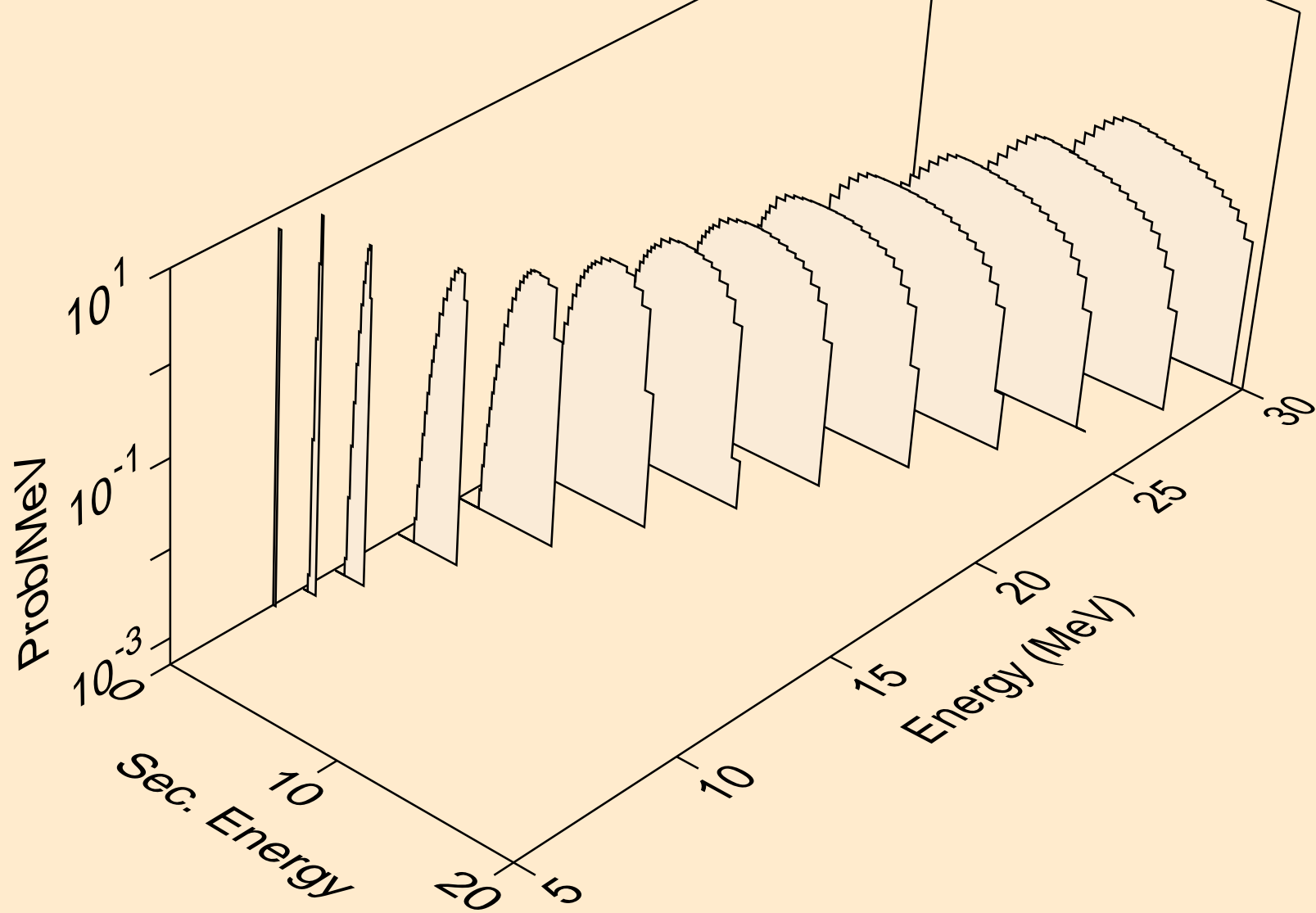
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neutrons from (a,npa)



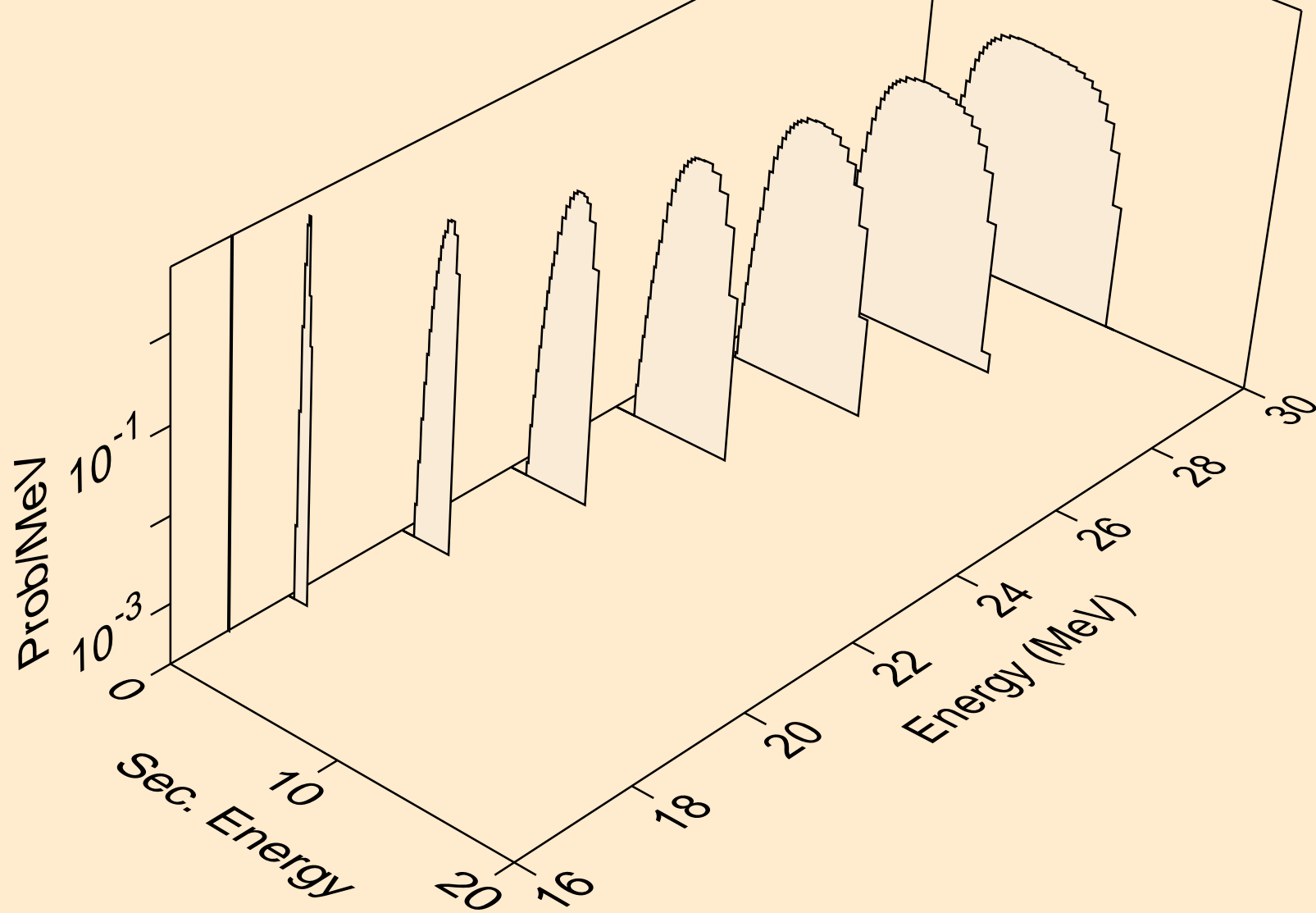
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protons from (a,x)



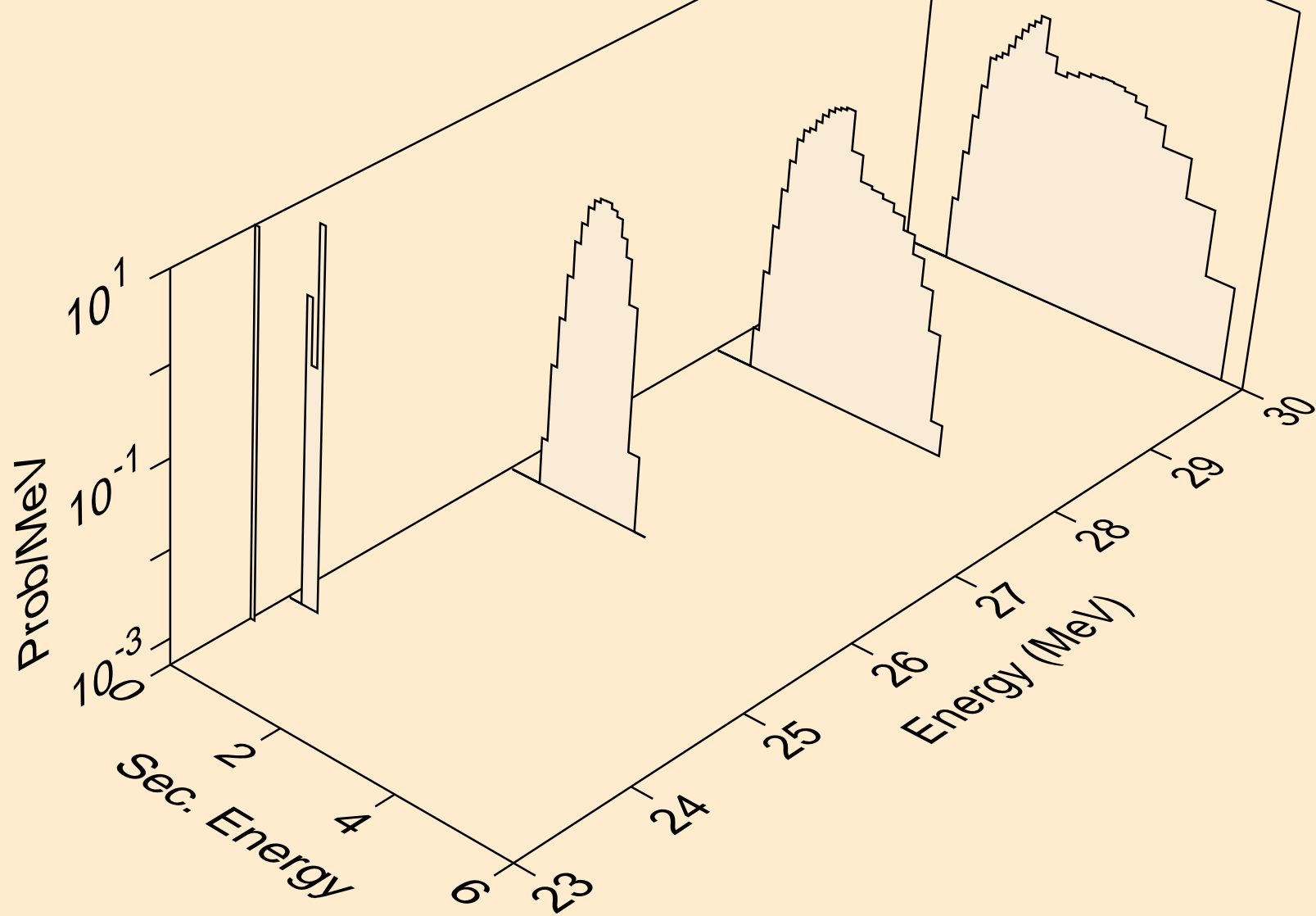
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protons from (a,n\*)p



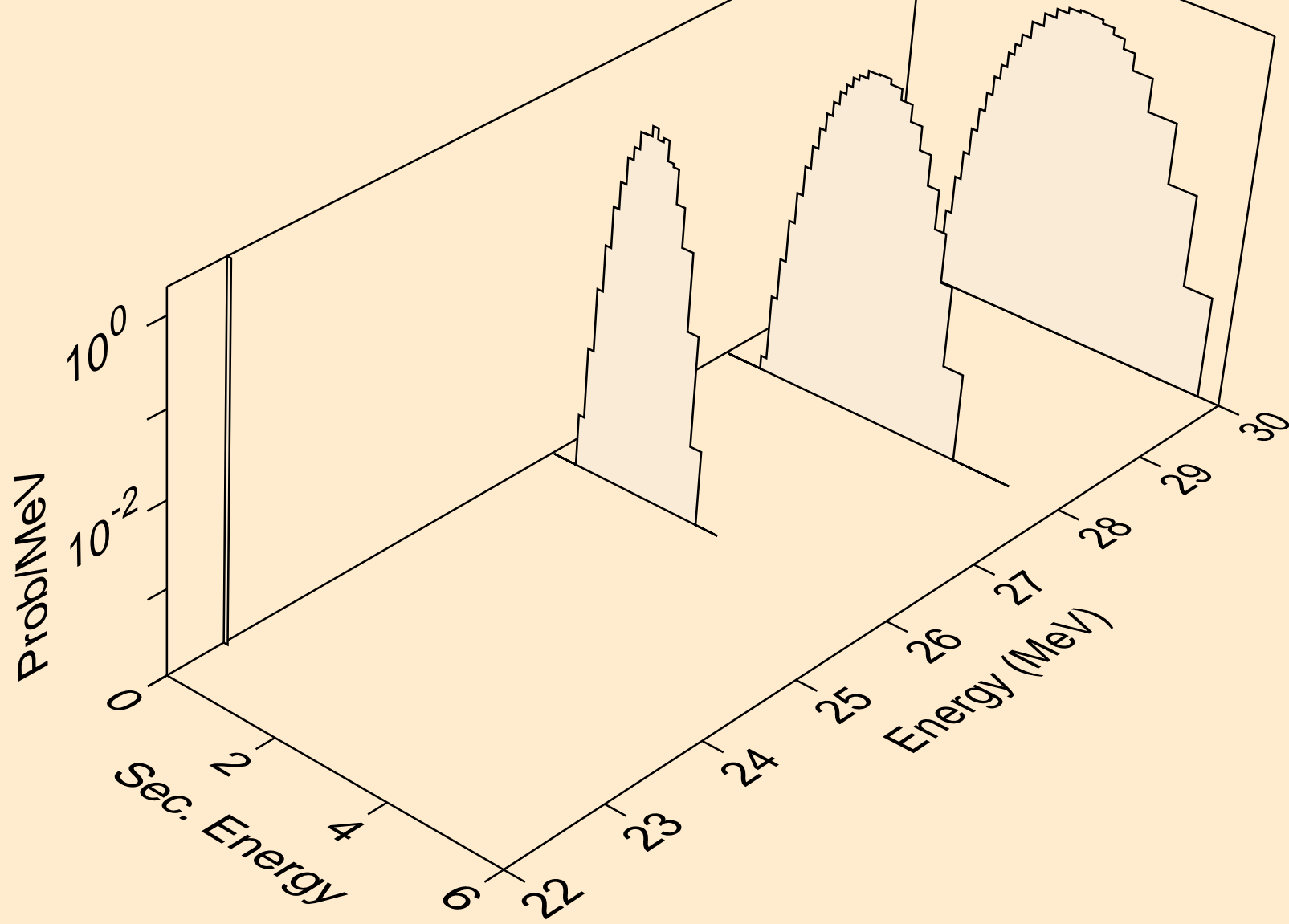
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protons from (a,2np)



V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,3np)

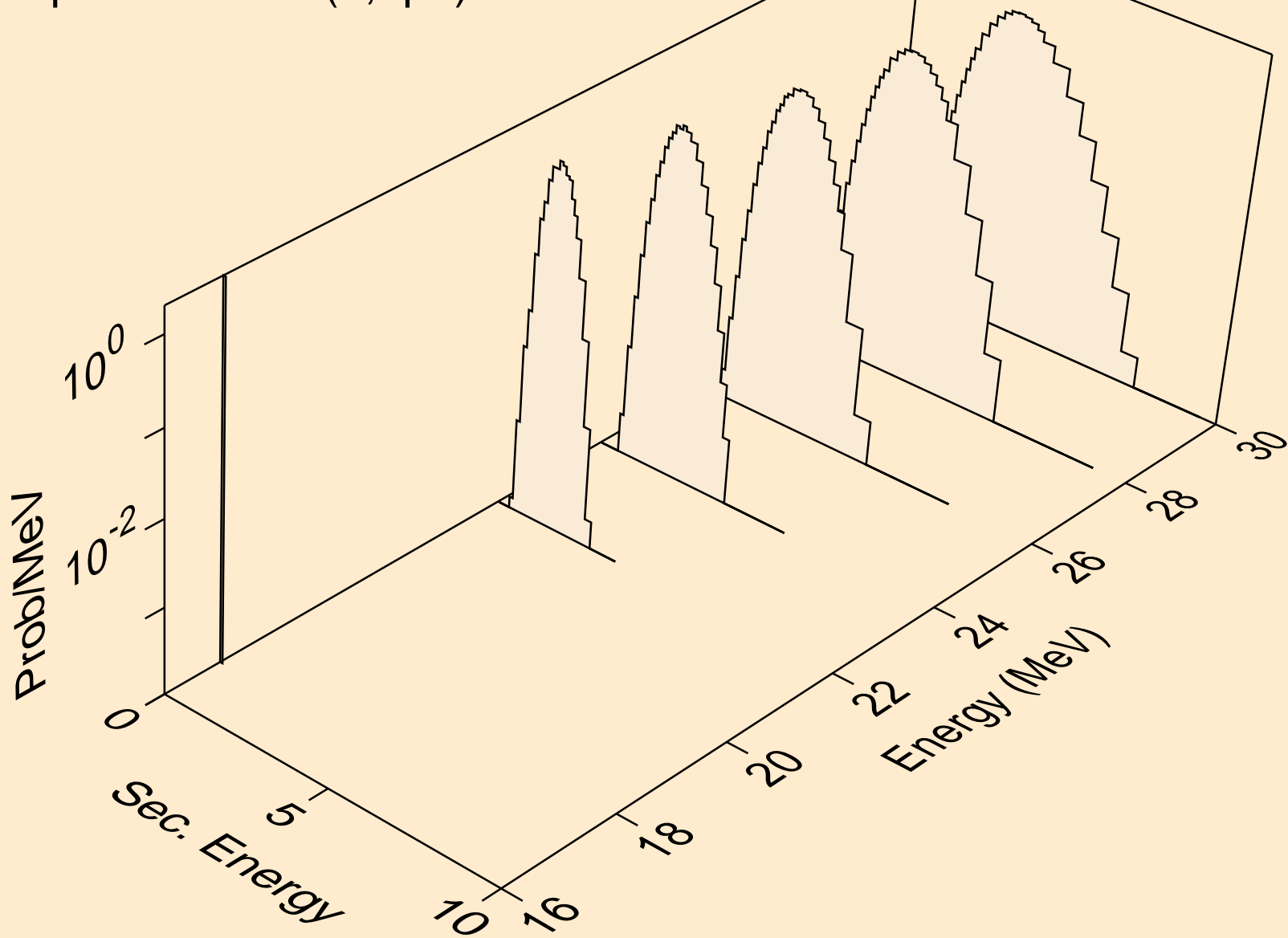


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protons from (a,n2p)

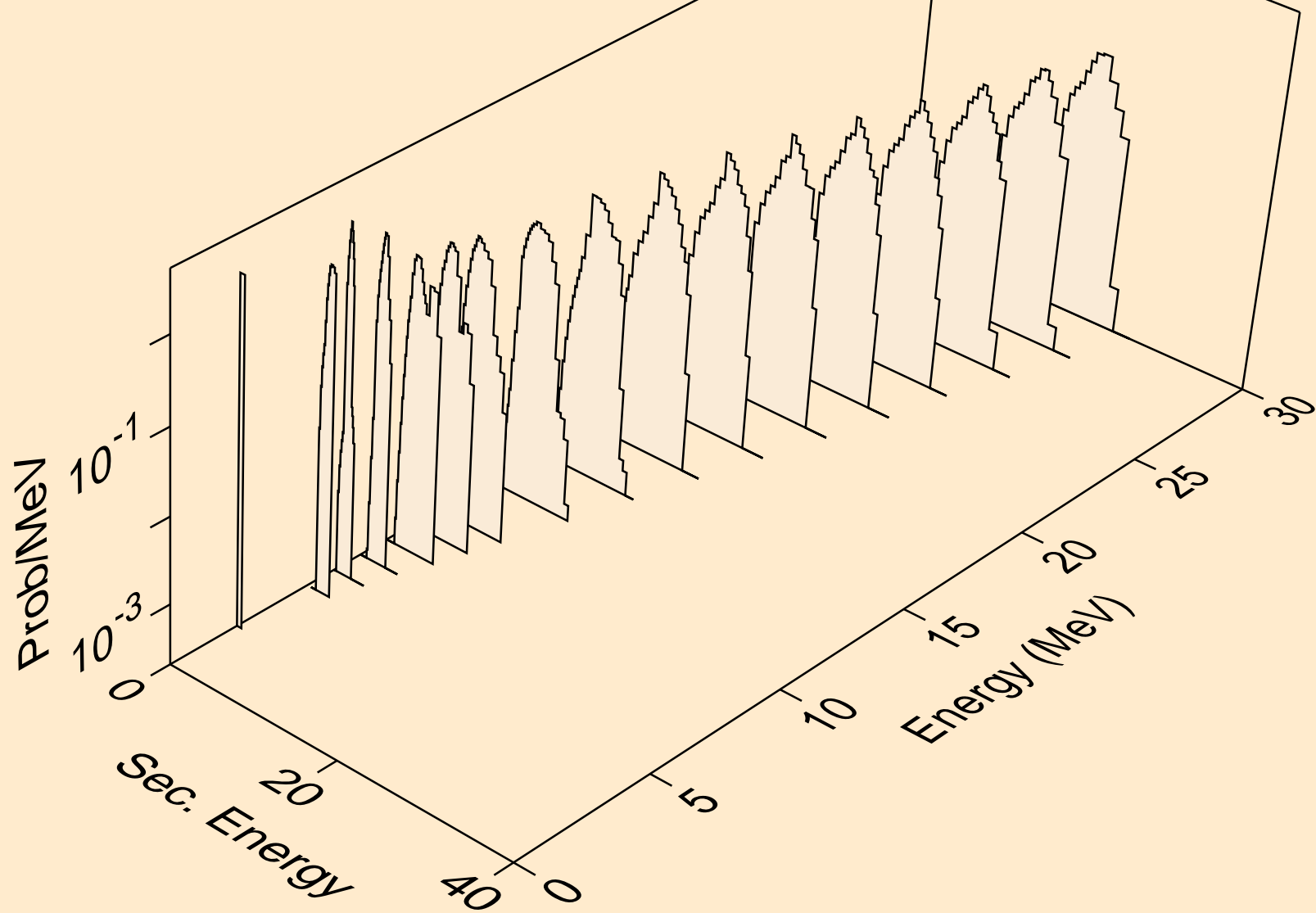




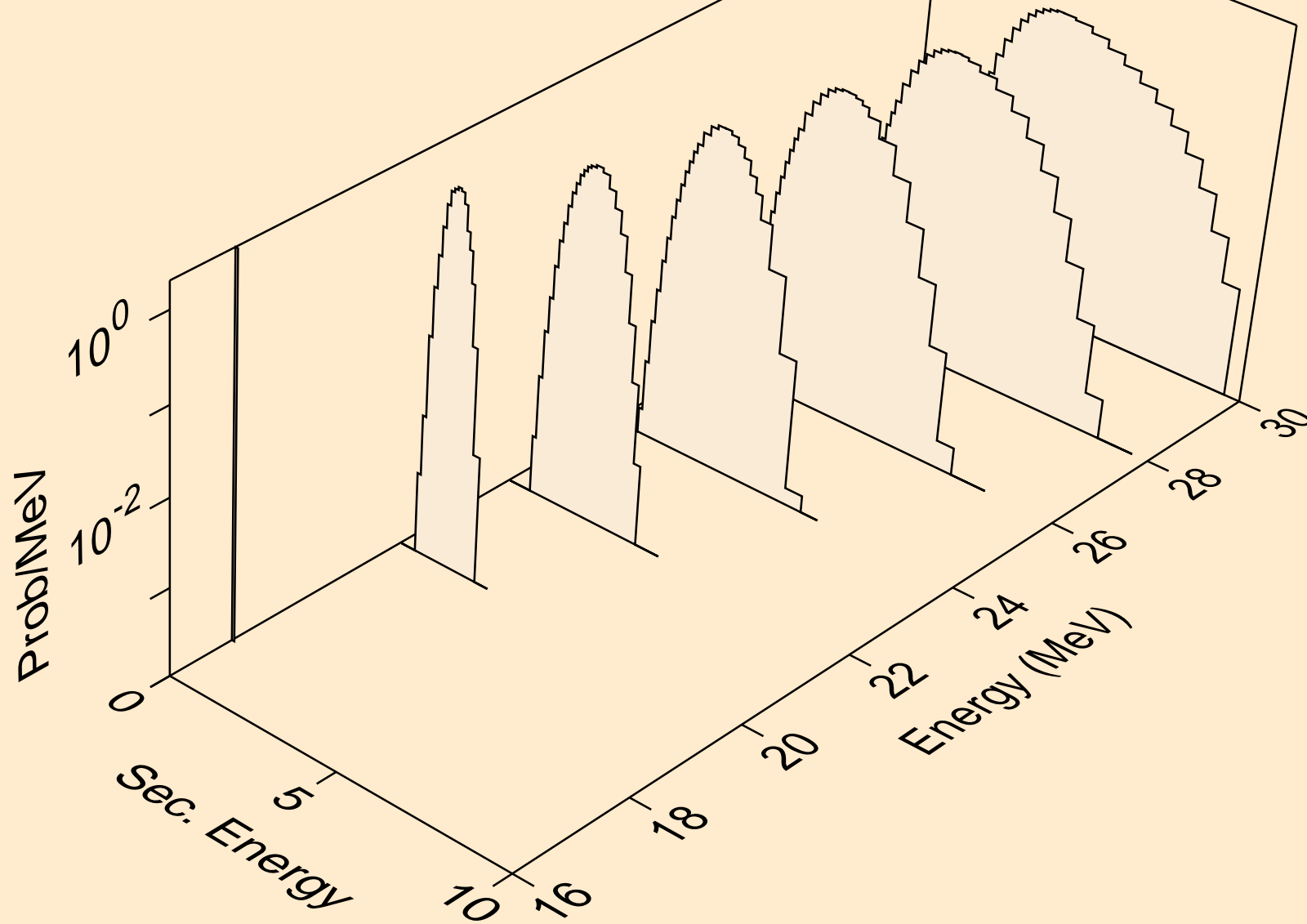
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protons from (a,npa)



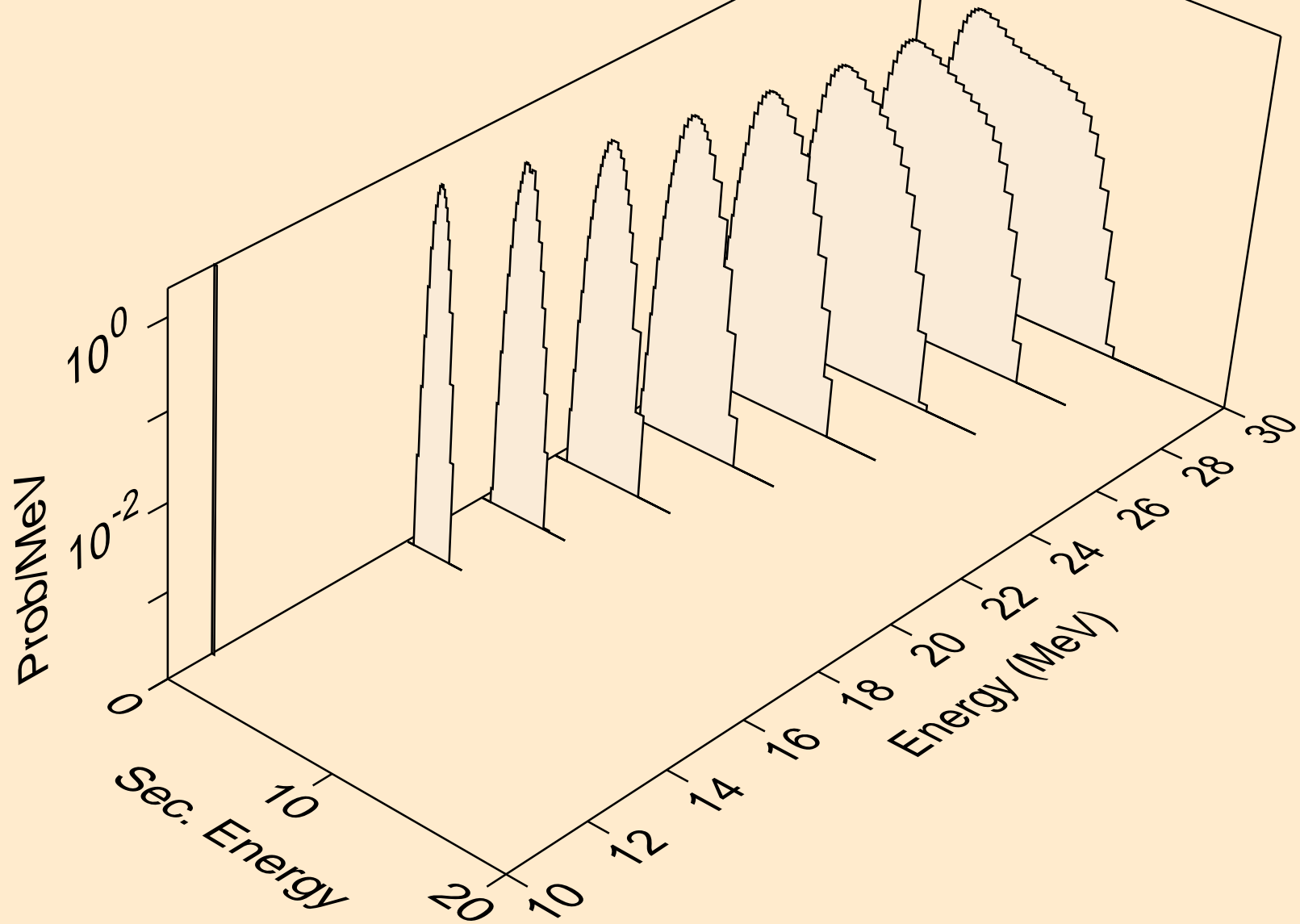
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protons from (a,p)



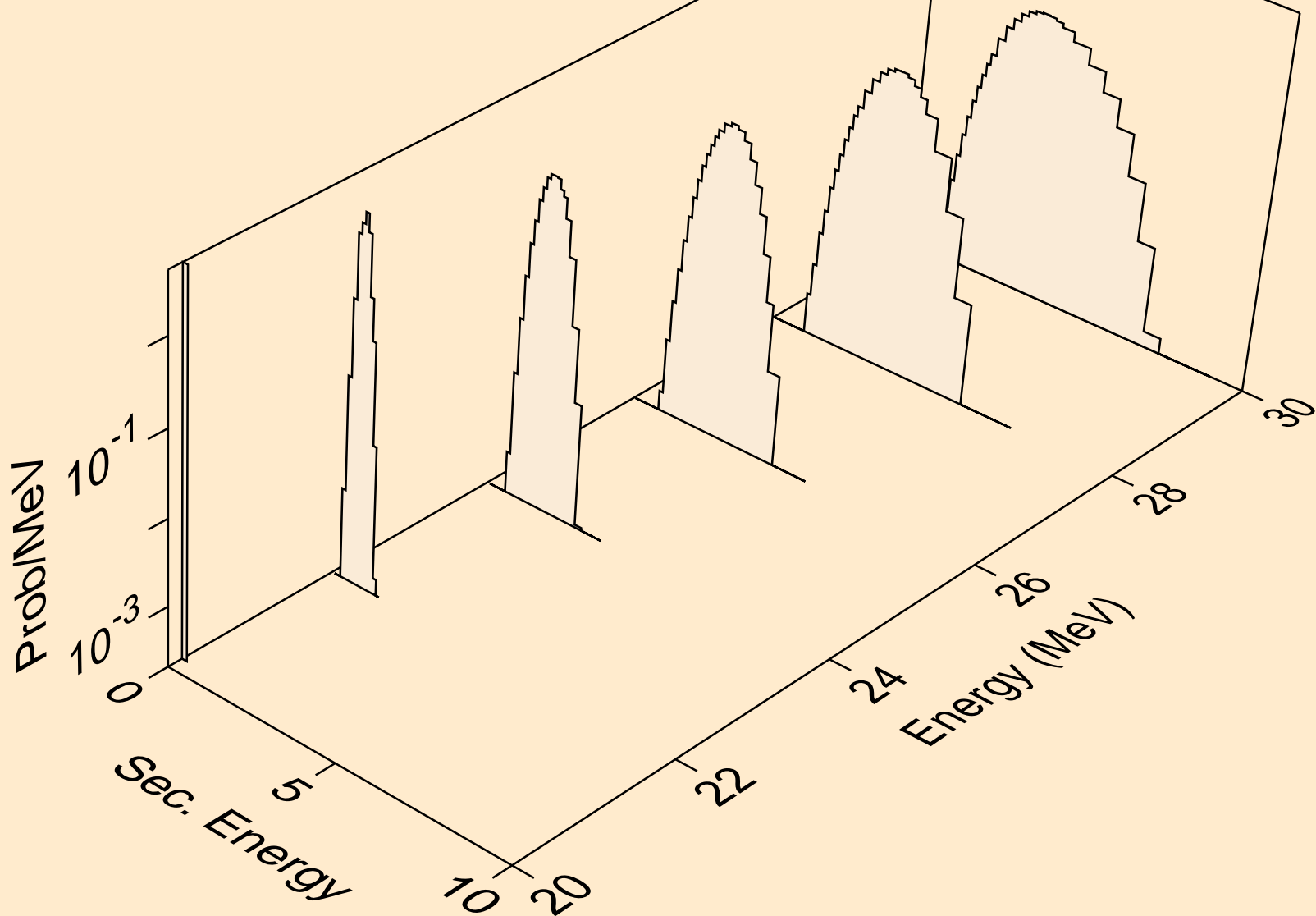
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protons from (a,2p)



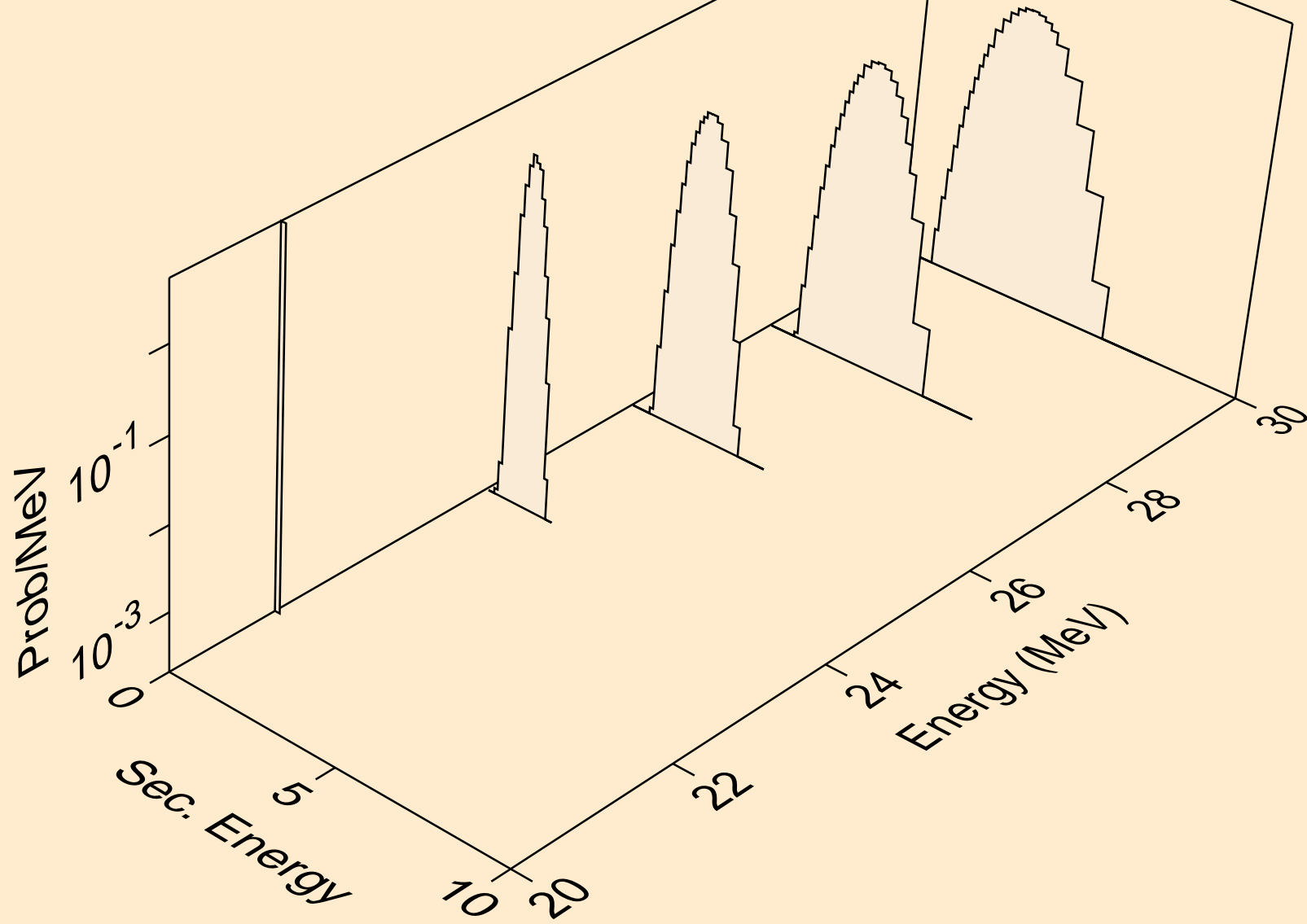
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protons from (a,pa)



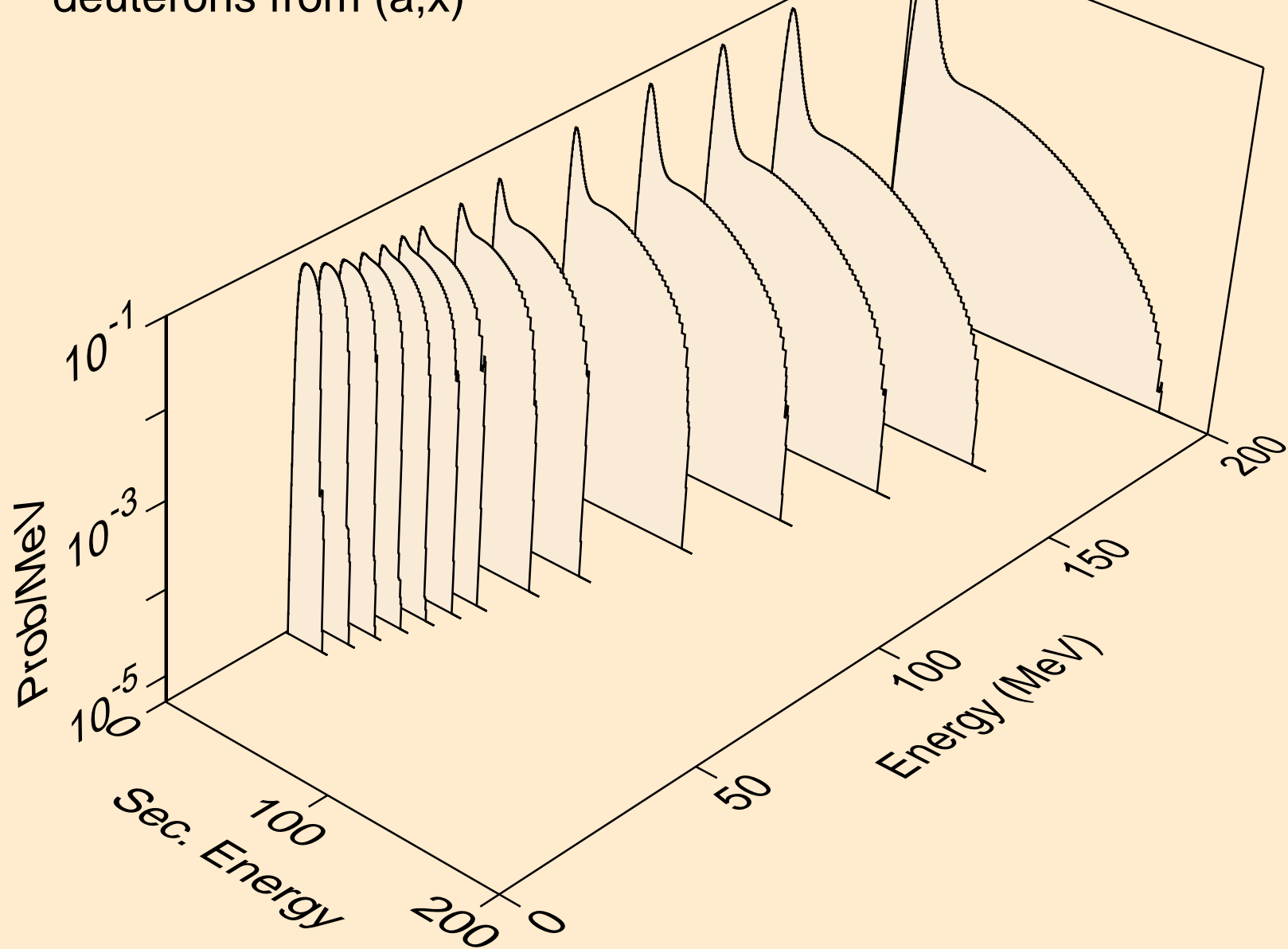
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protons from (a,pd)



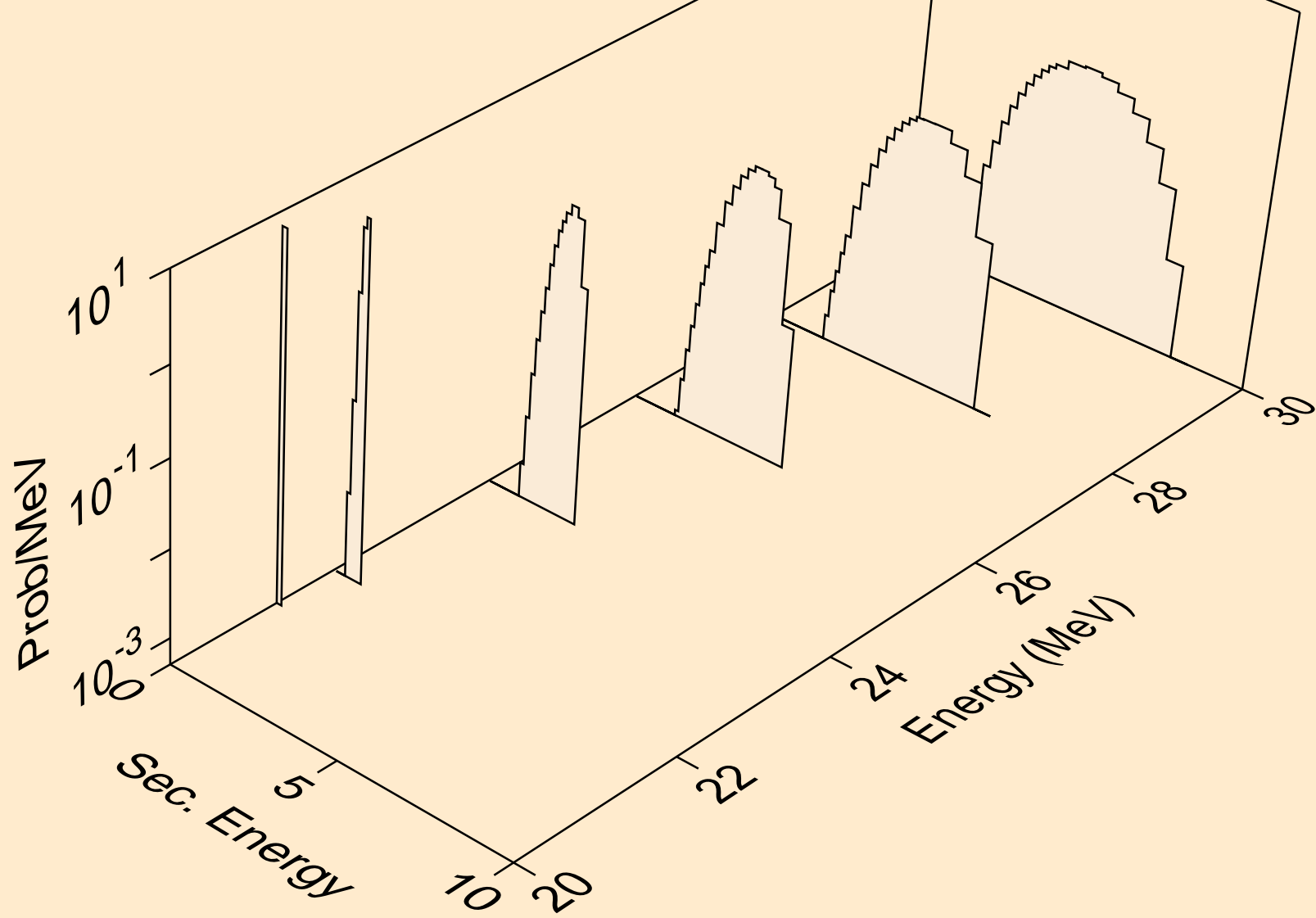
V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pt)



V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,x)

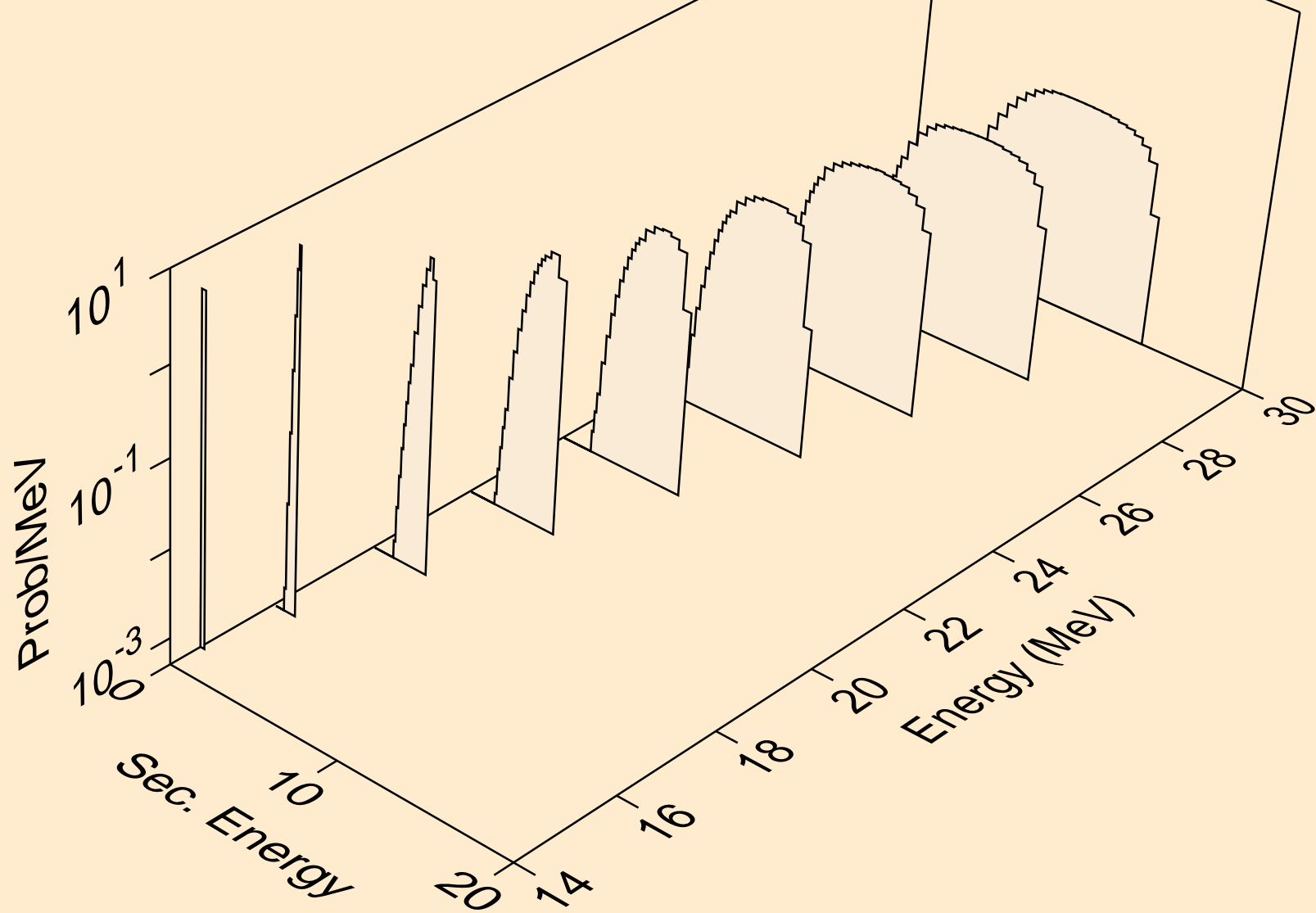


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deuterons from (a,2nd)

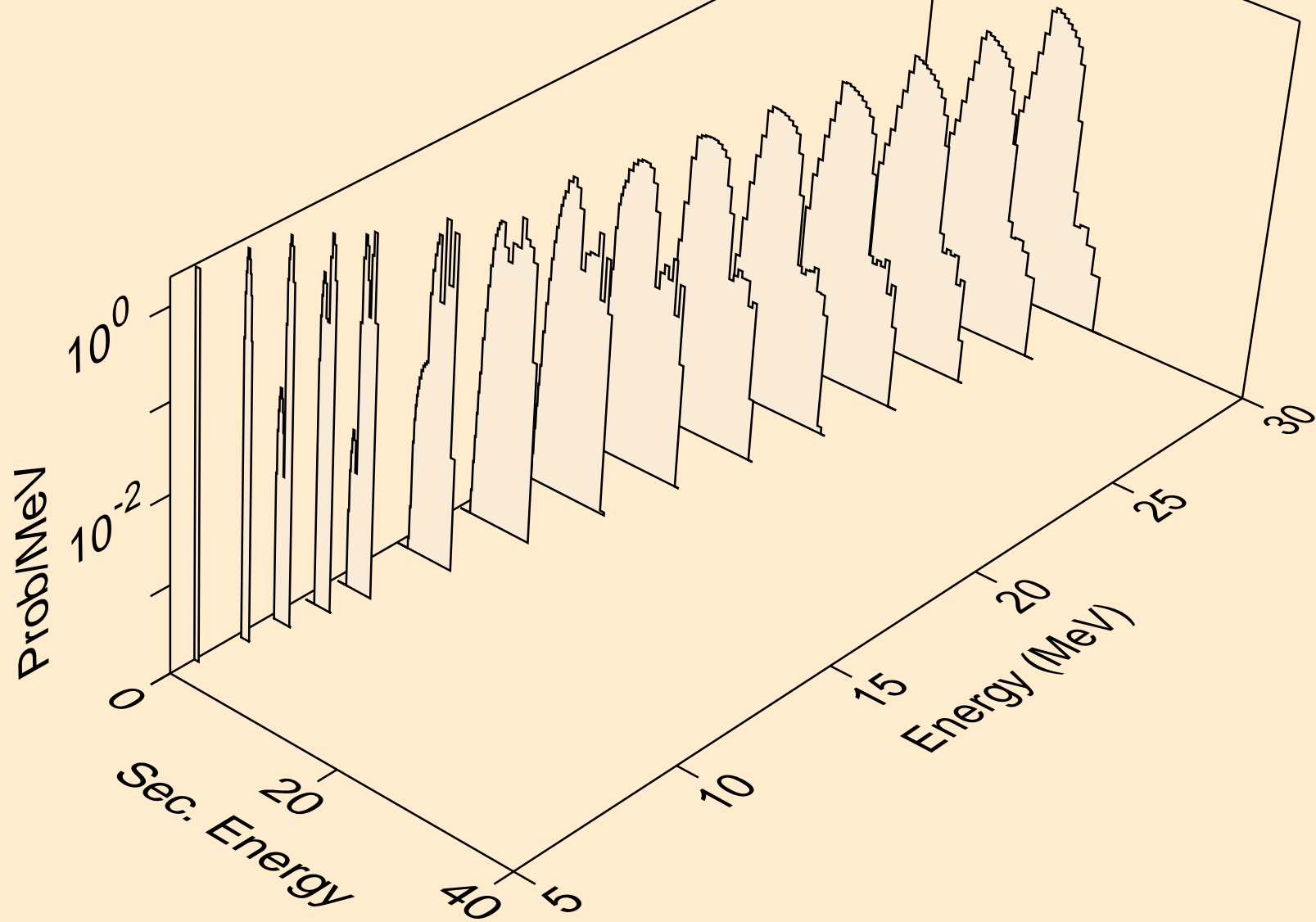




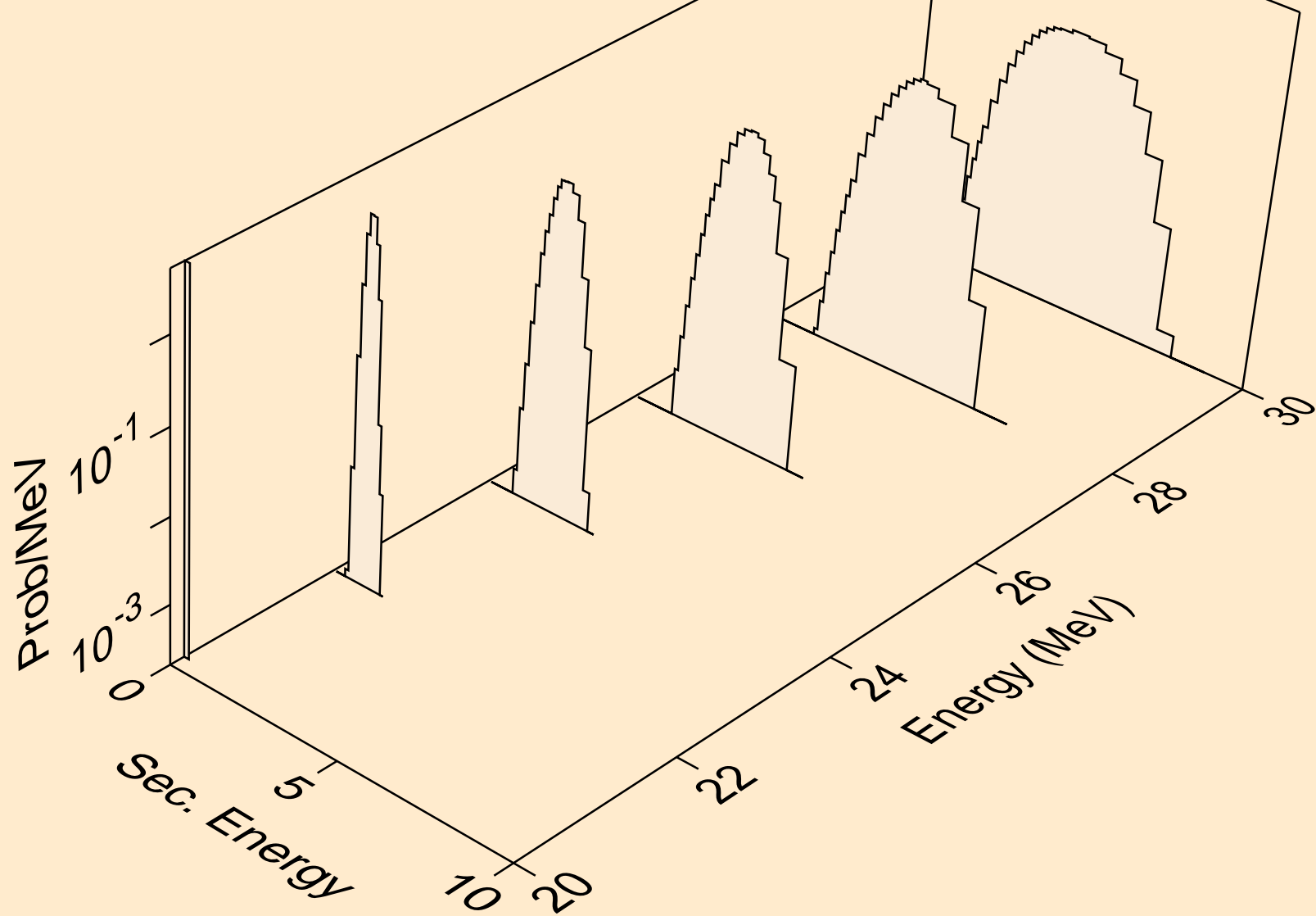
V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,n\*)d



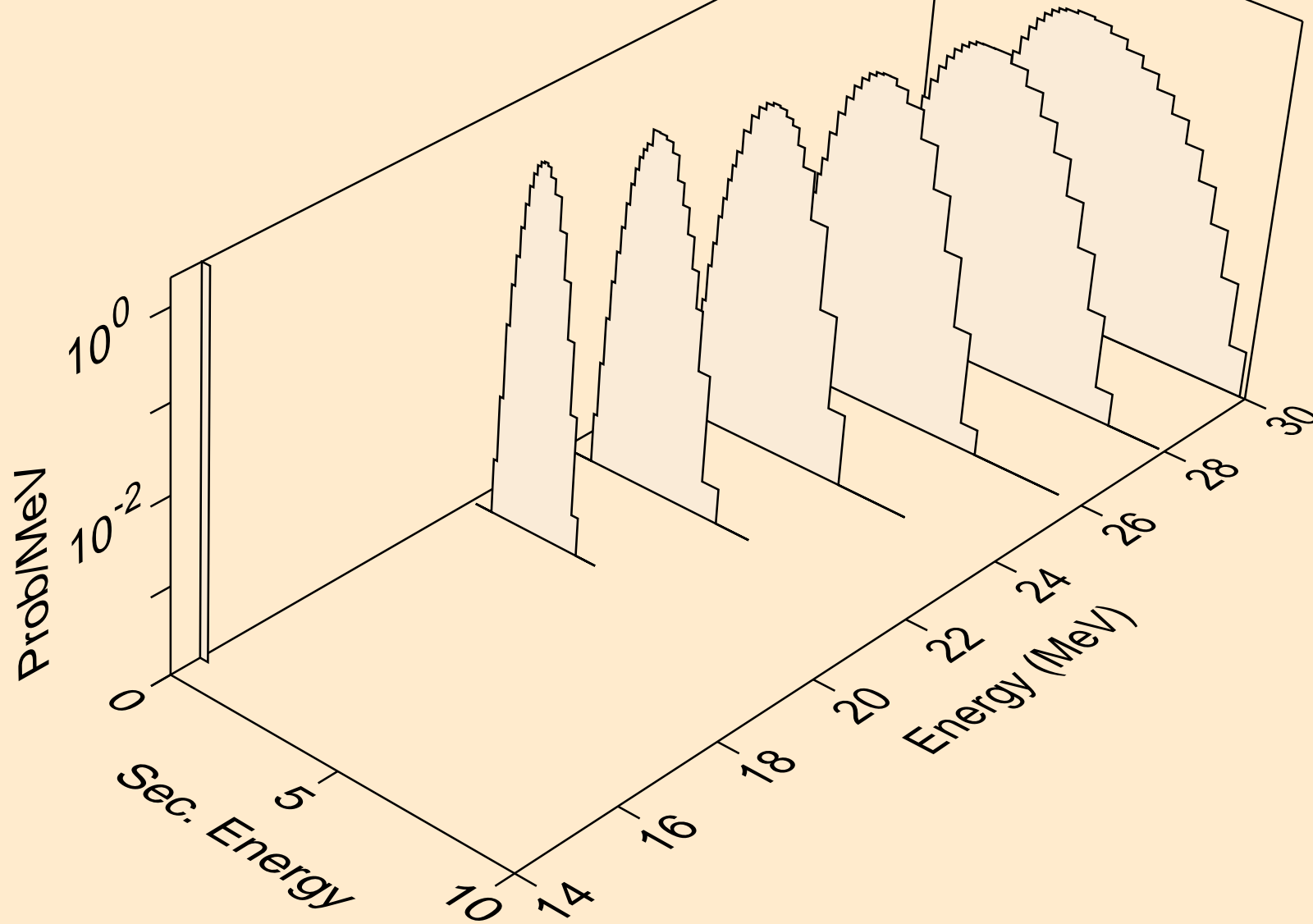
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deuterons from (a,d)



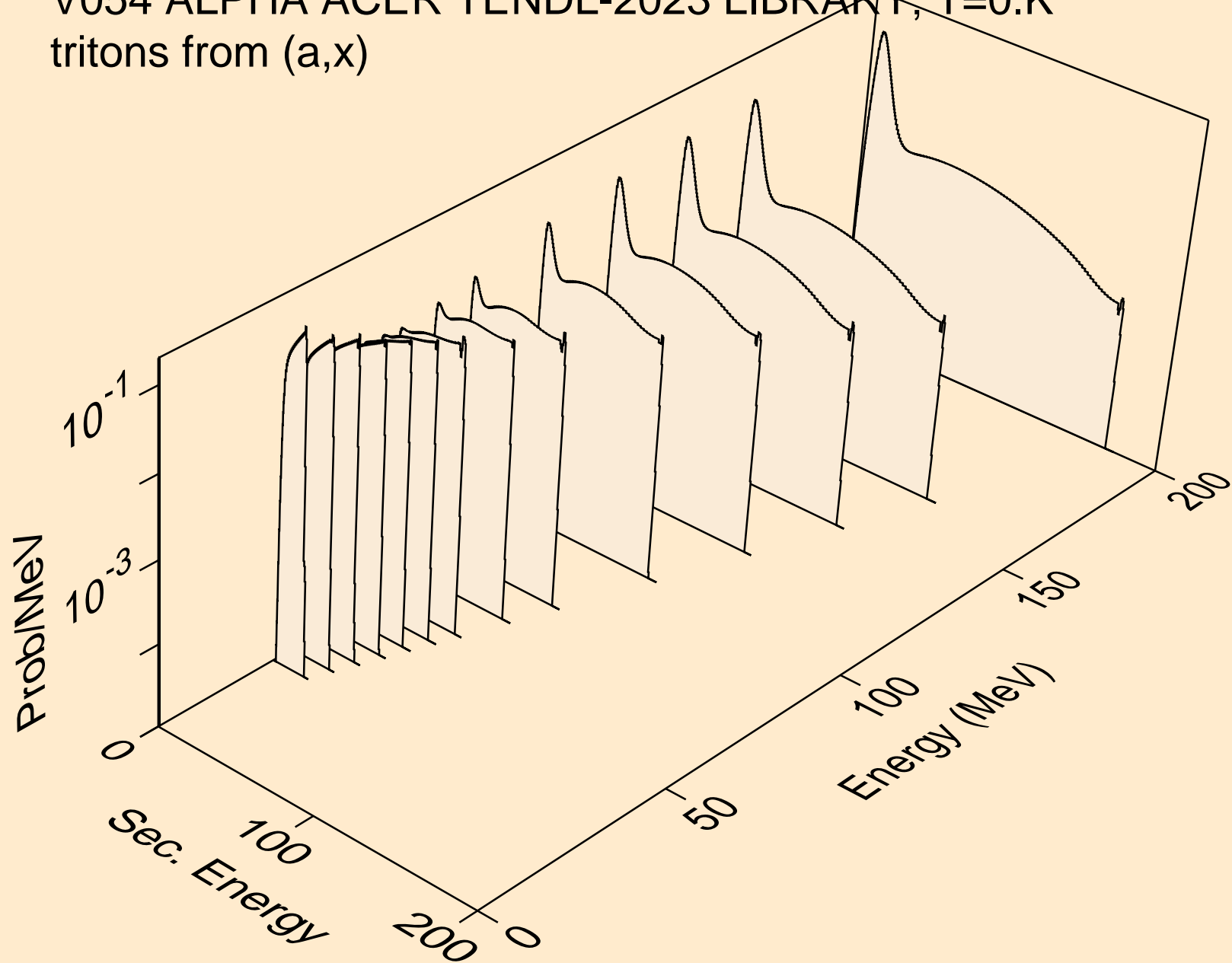
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deuterons from (a,pd)



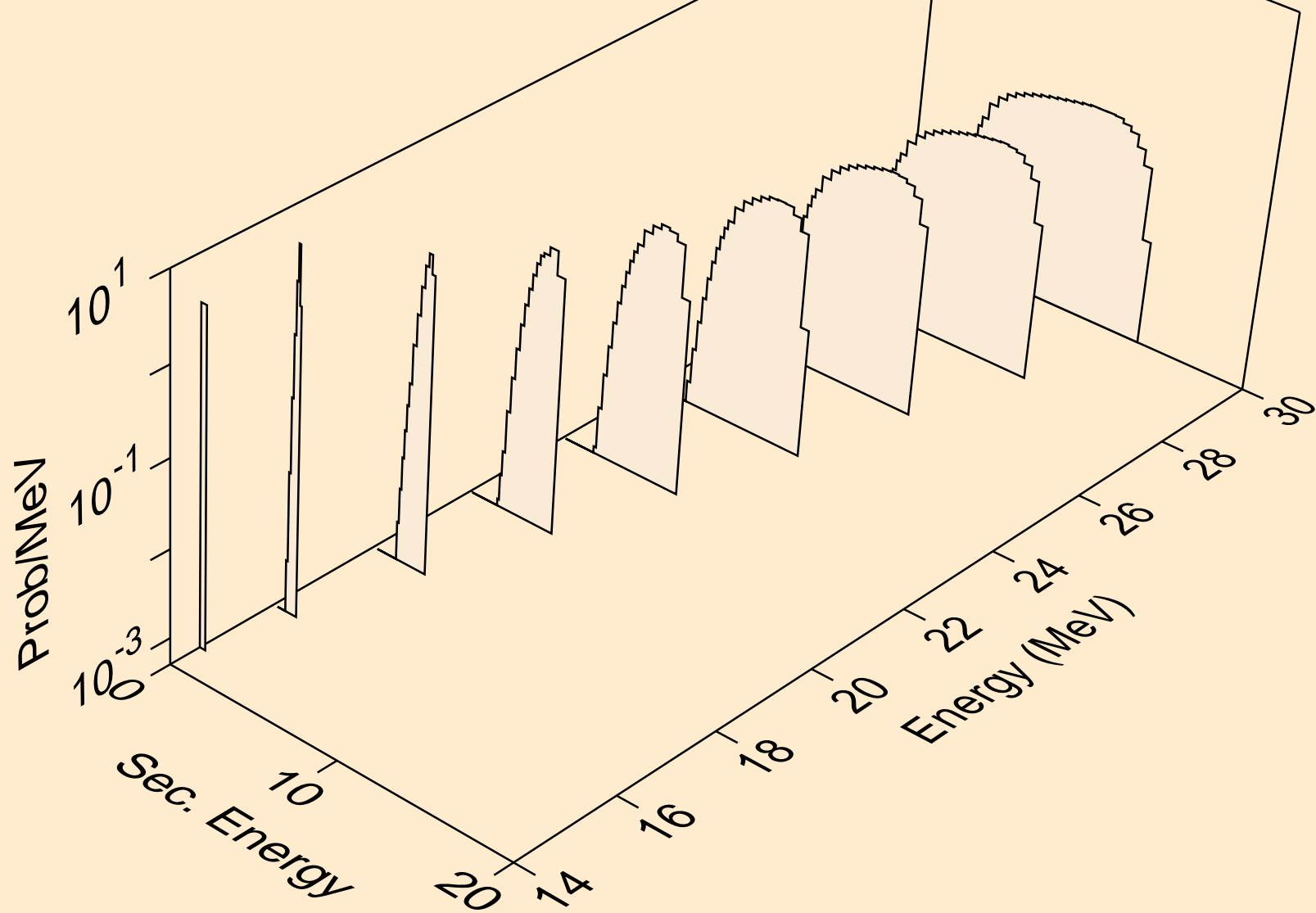
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deuterons from (a,da)



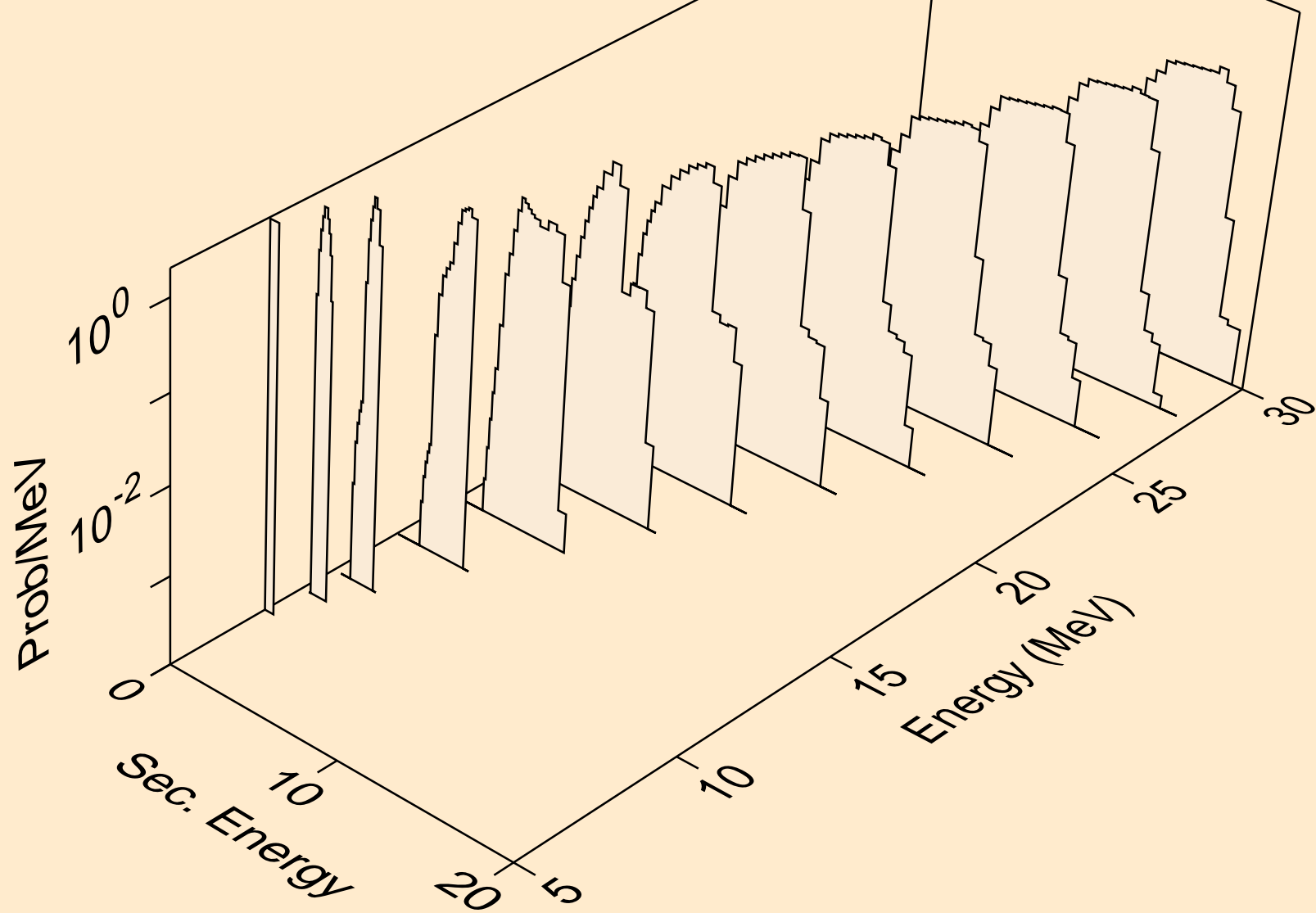
V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)



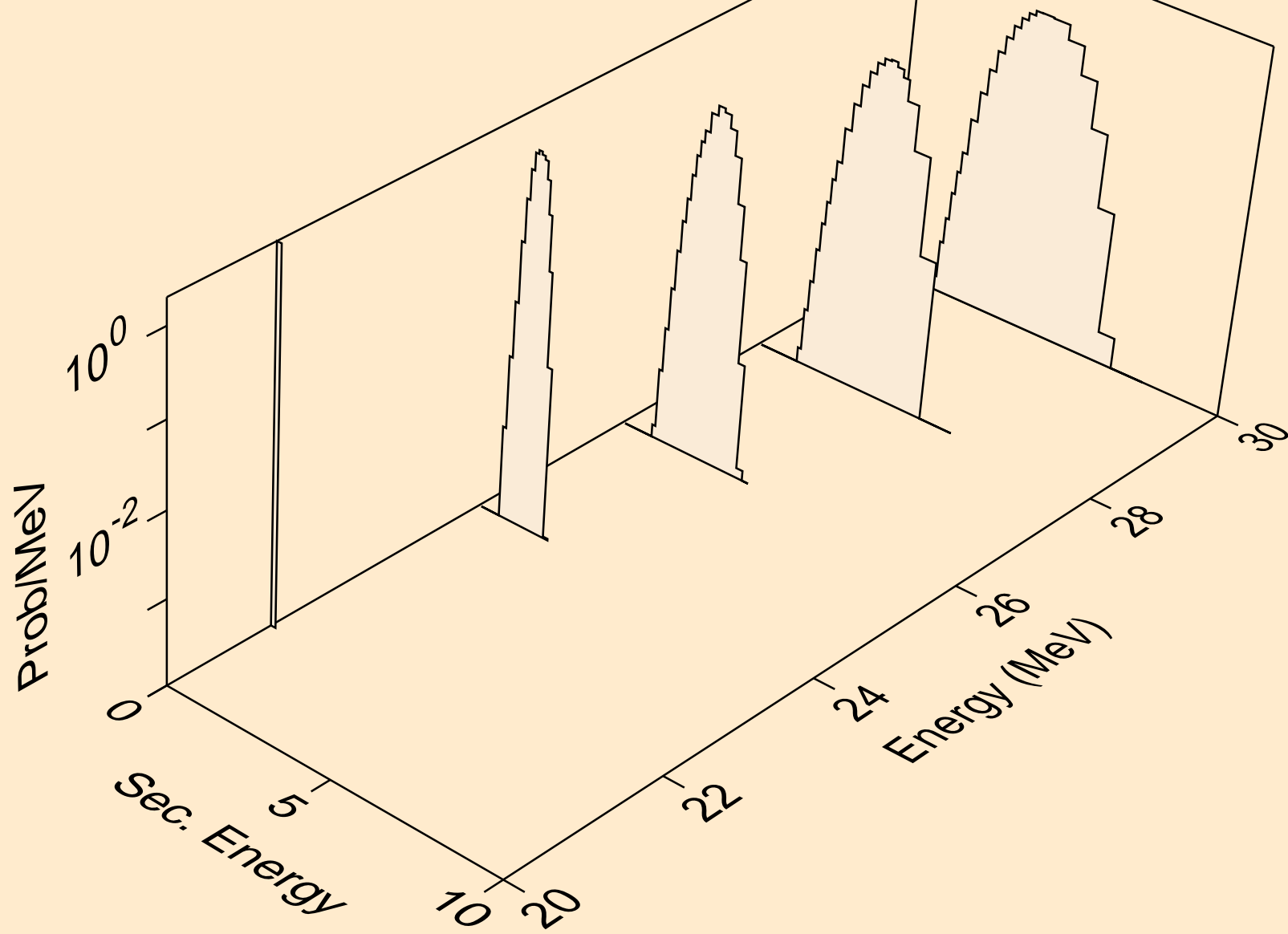
V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,n\*)t



V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)

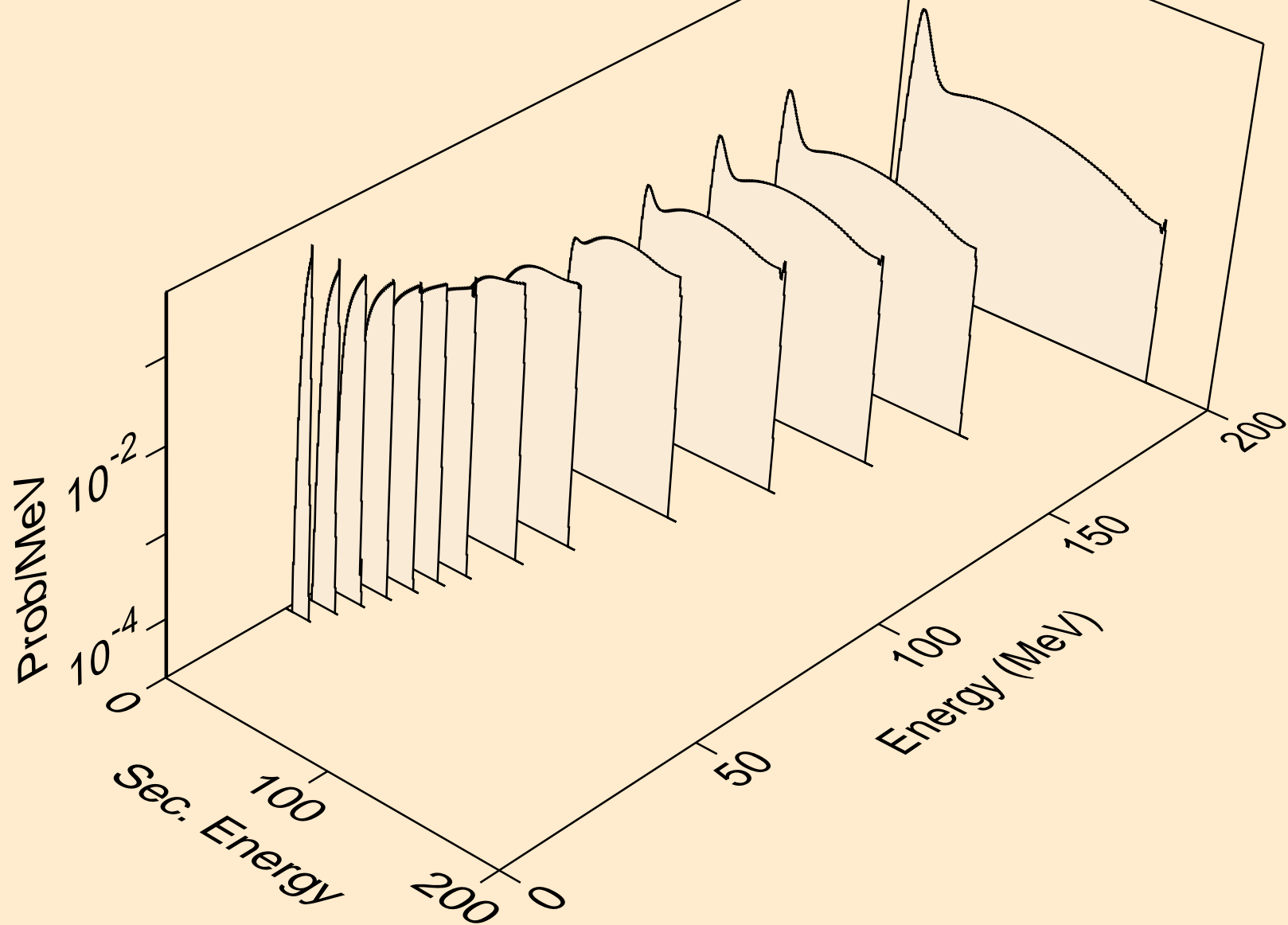


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tritons from (a,pt)

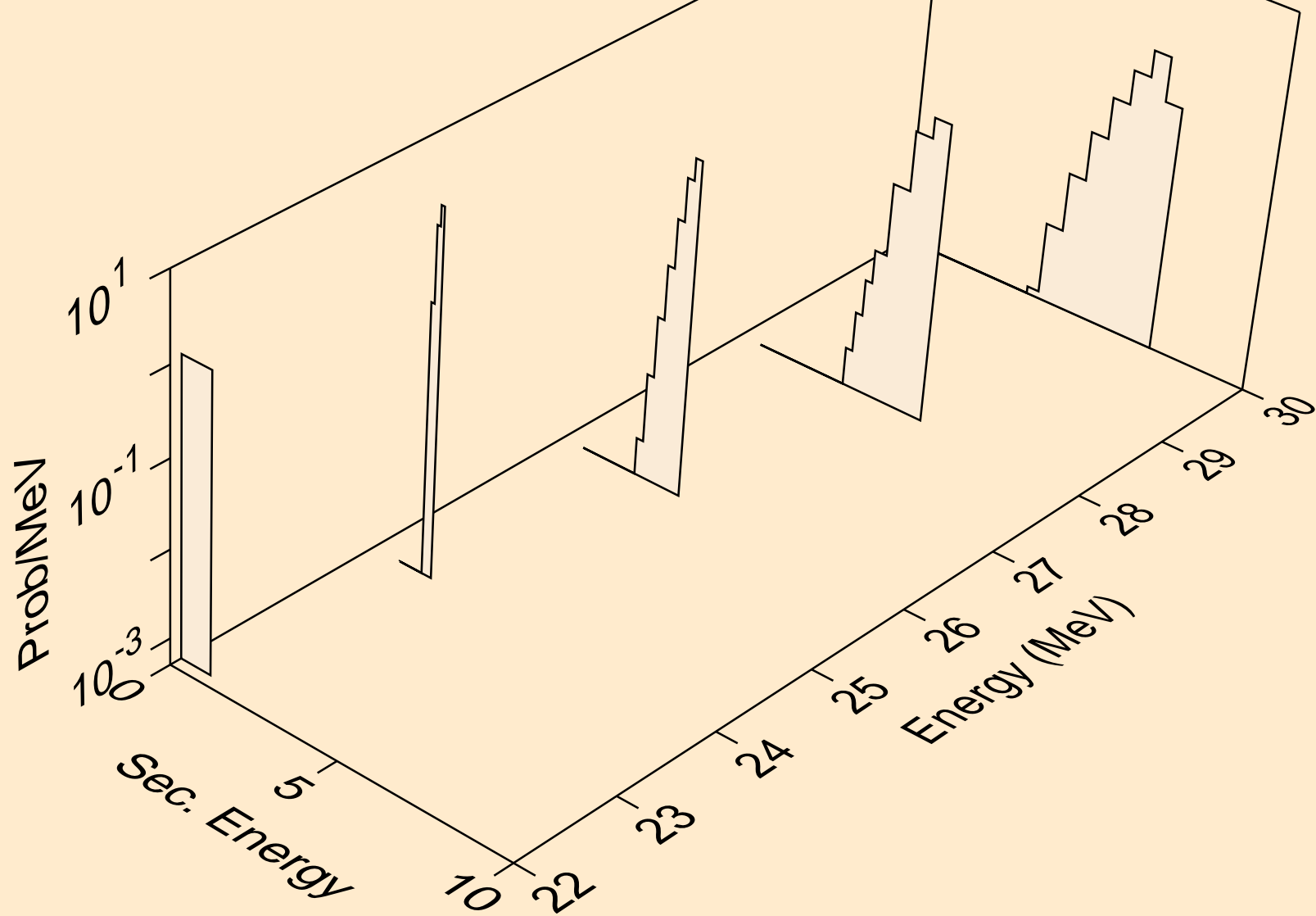




V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,n\*)he3



V054 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

