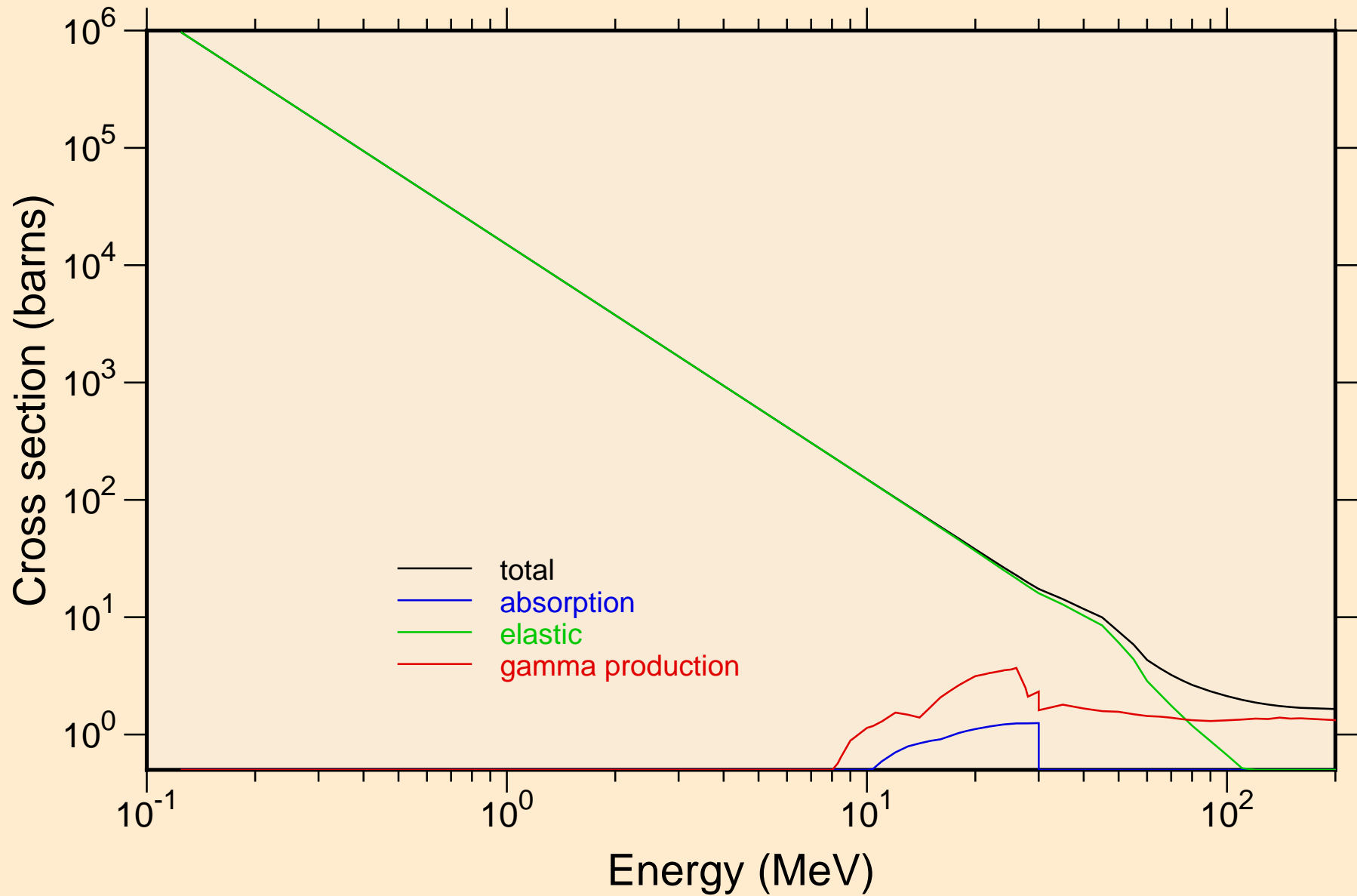


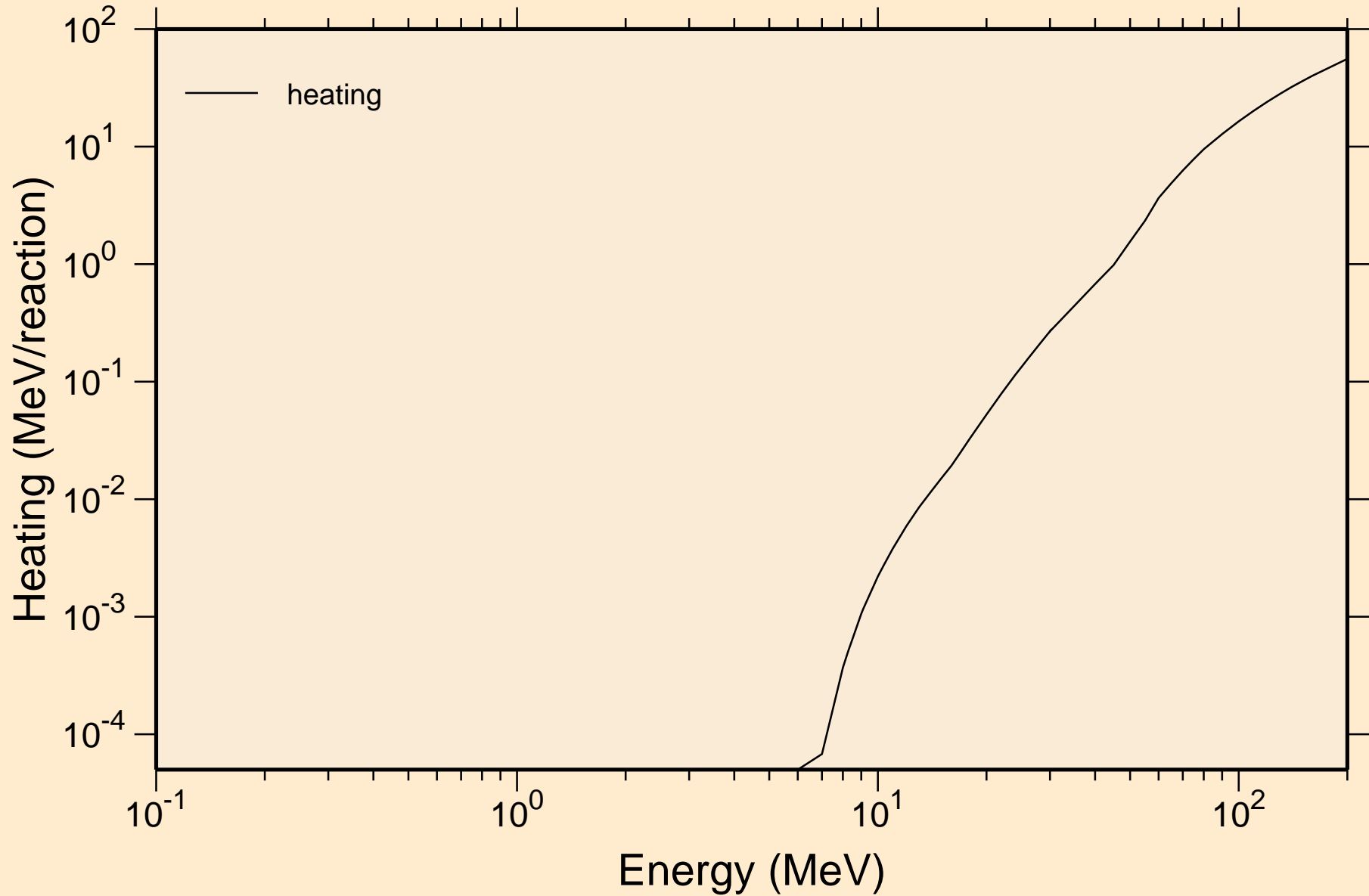
# V053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



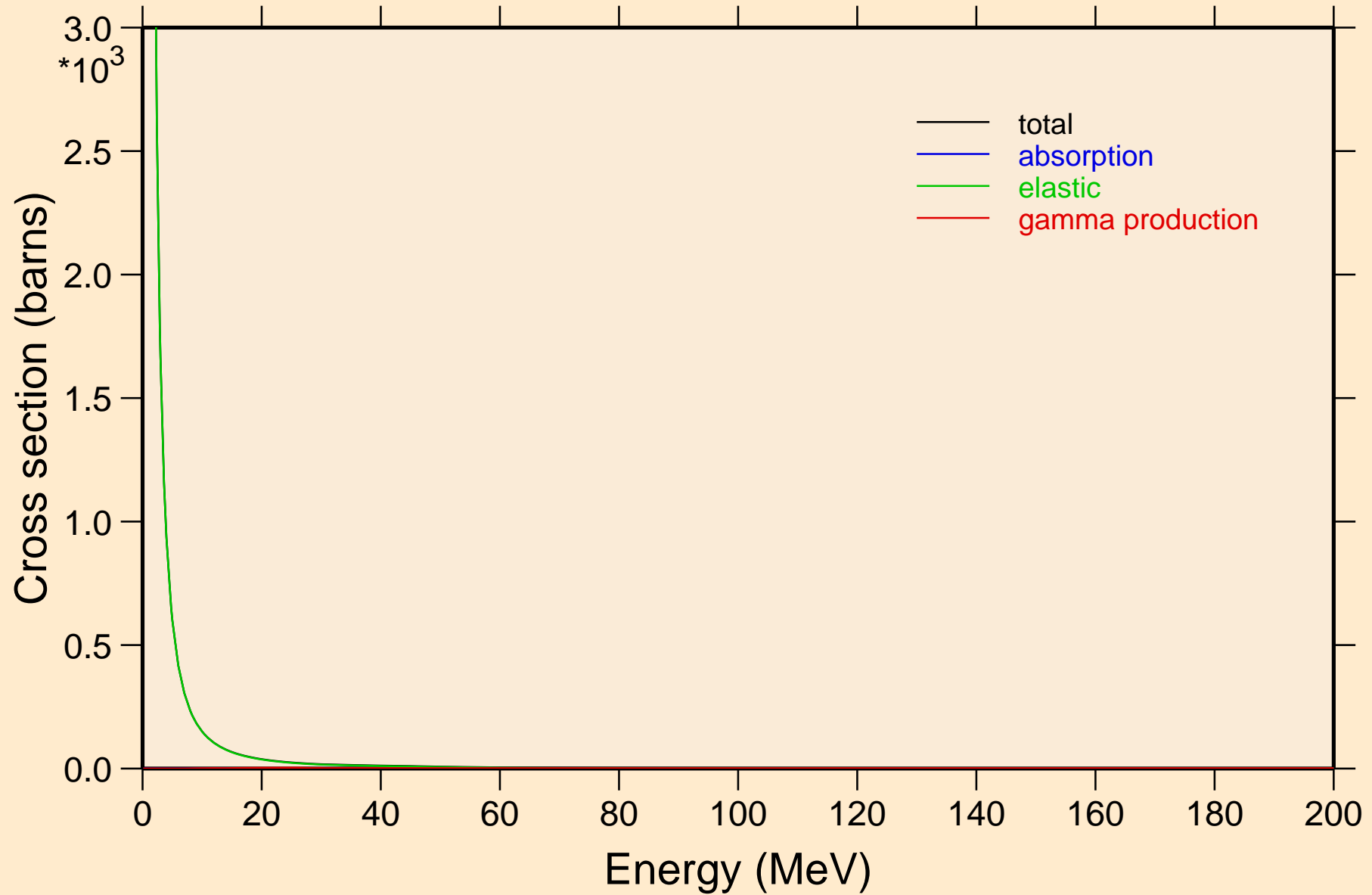
V053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating



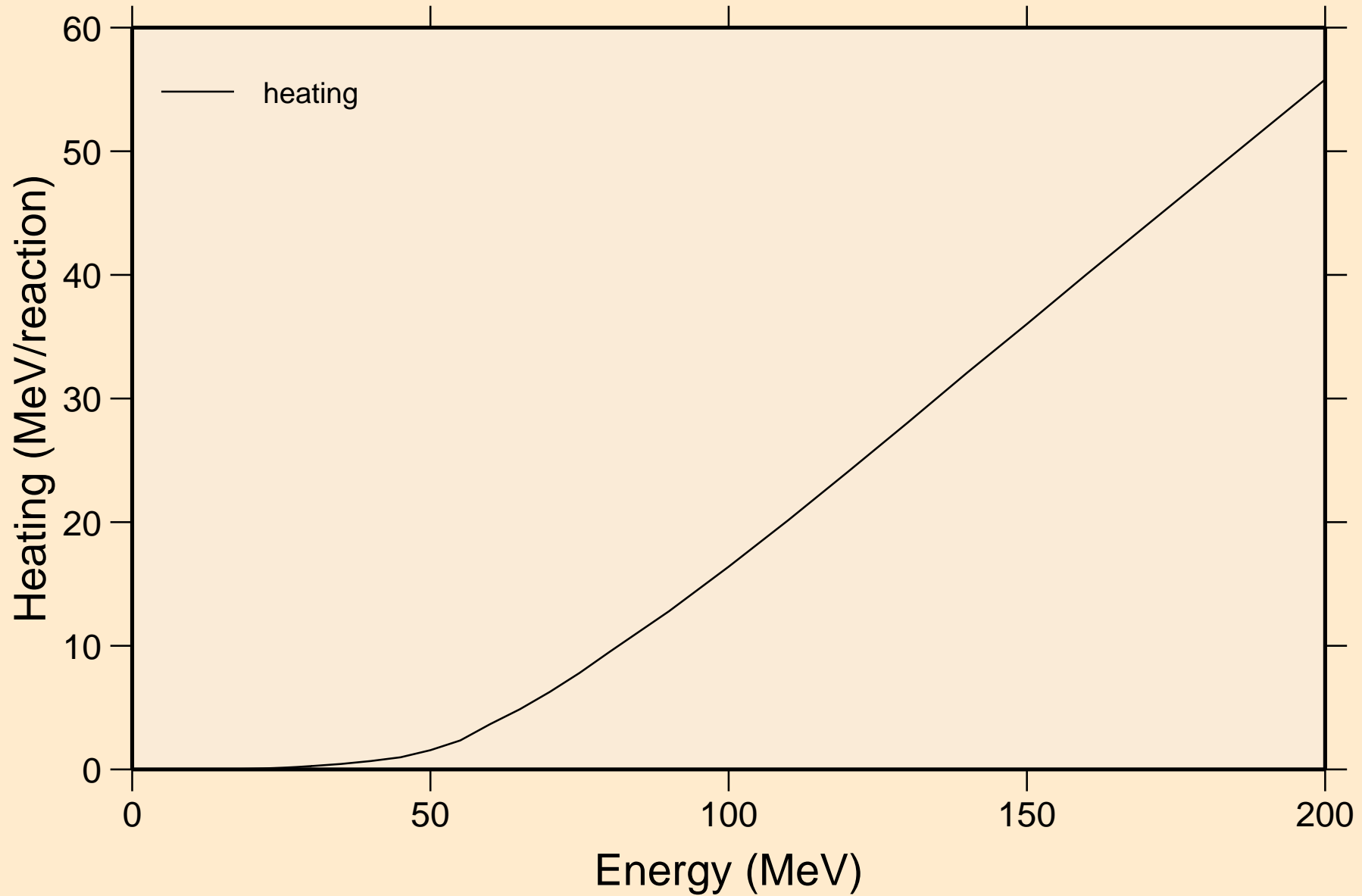
# V053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



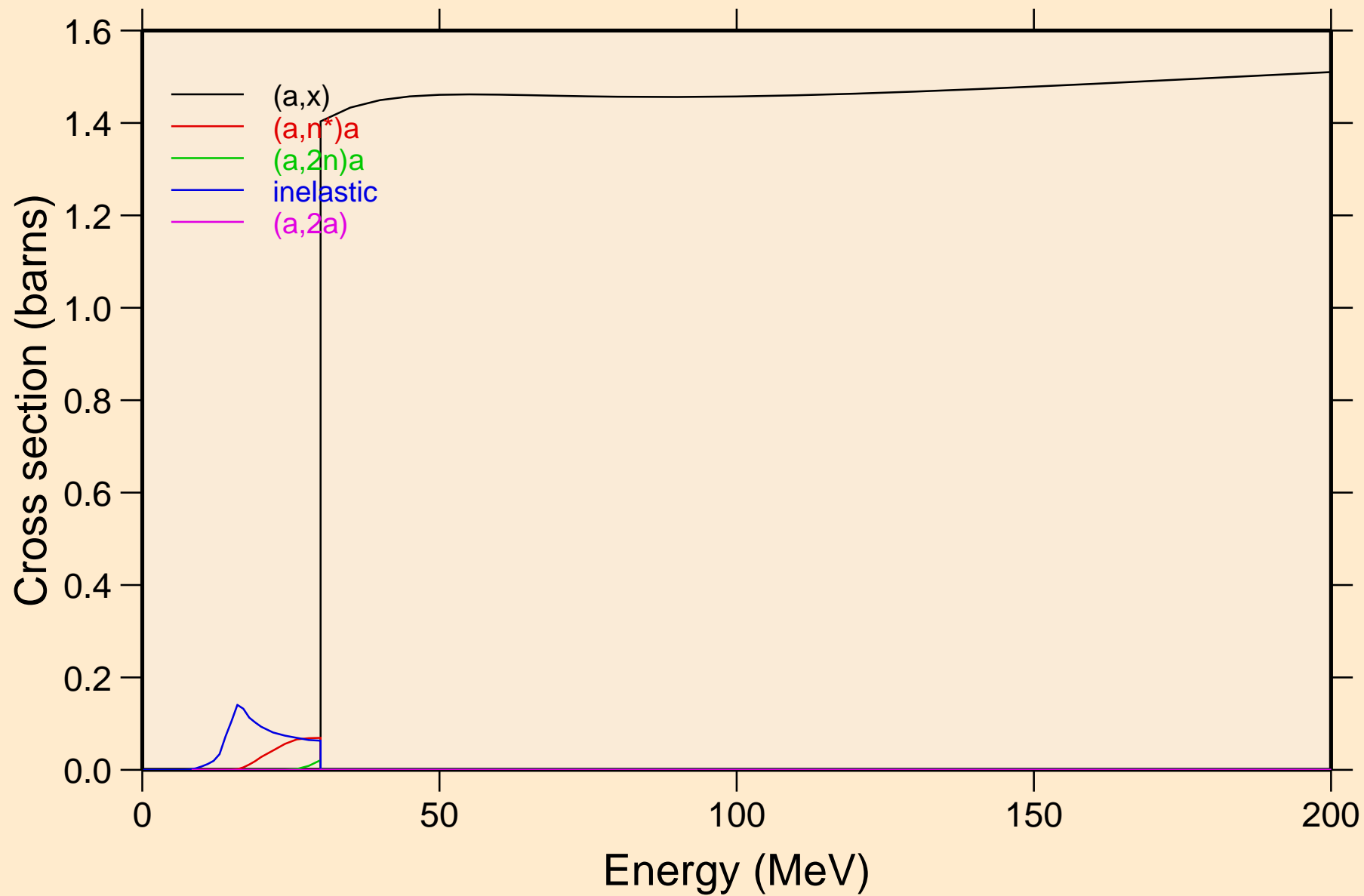
V053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating

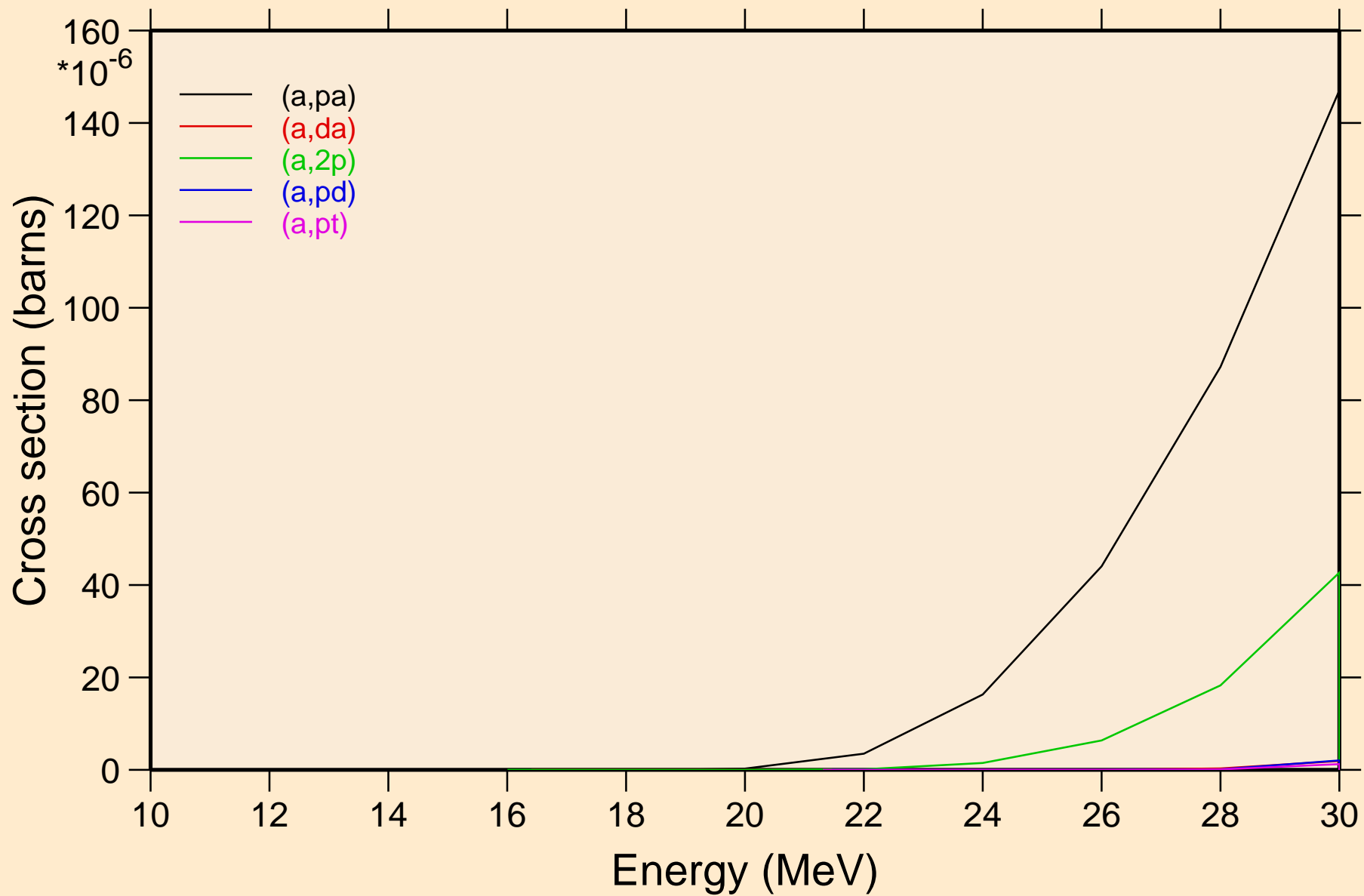


# V053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

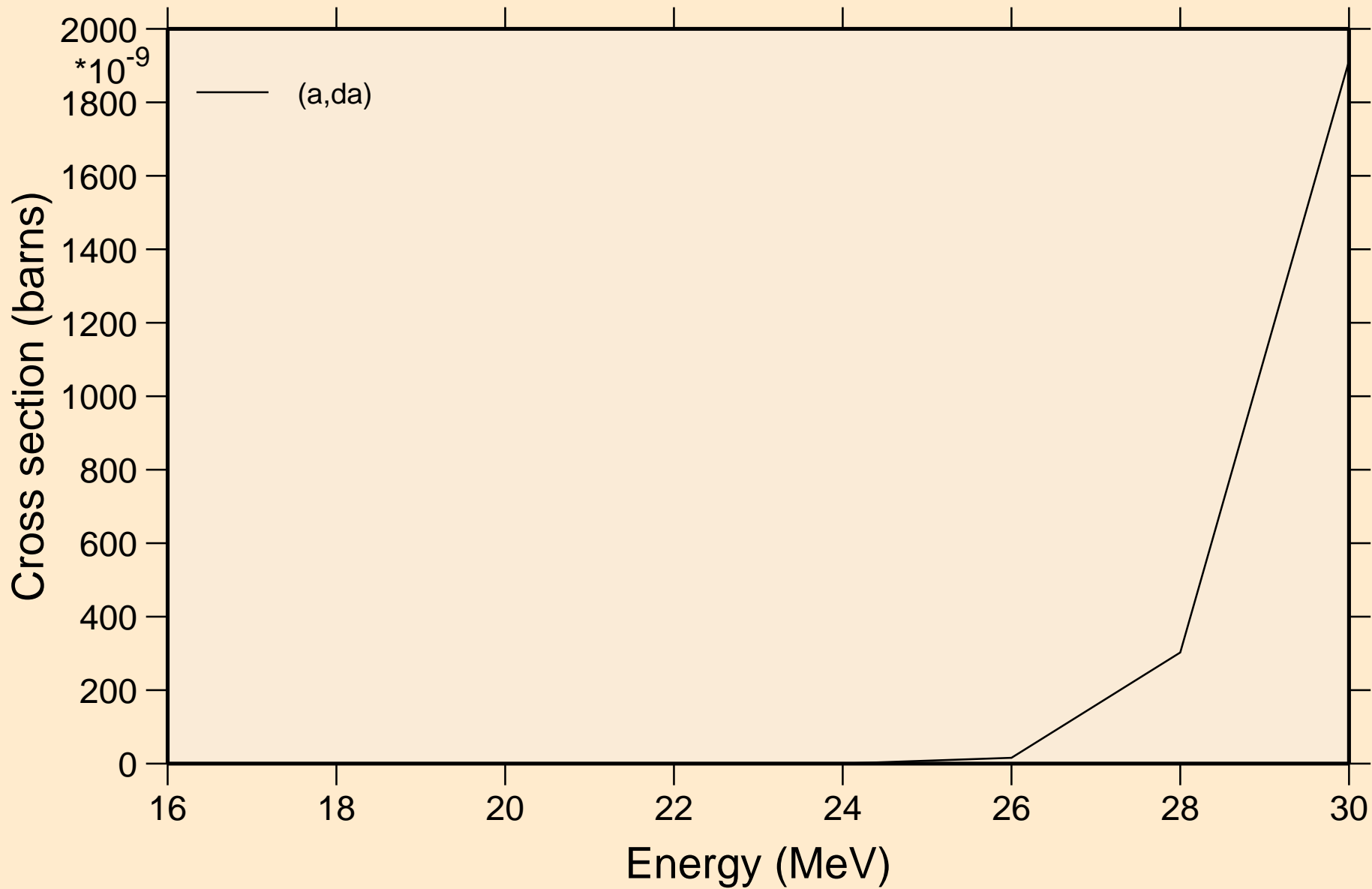
## Threshold reactions



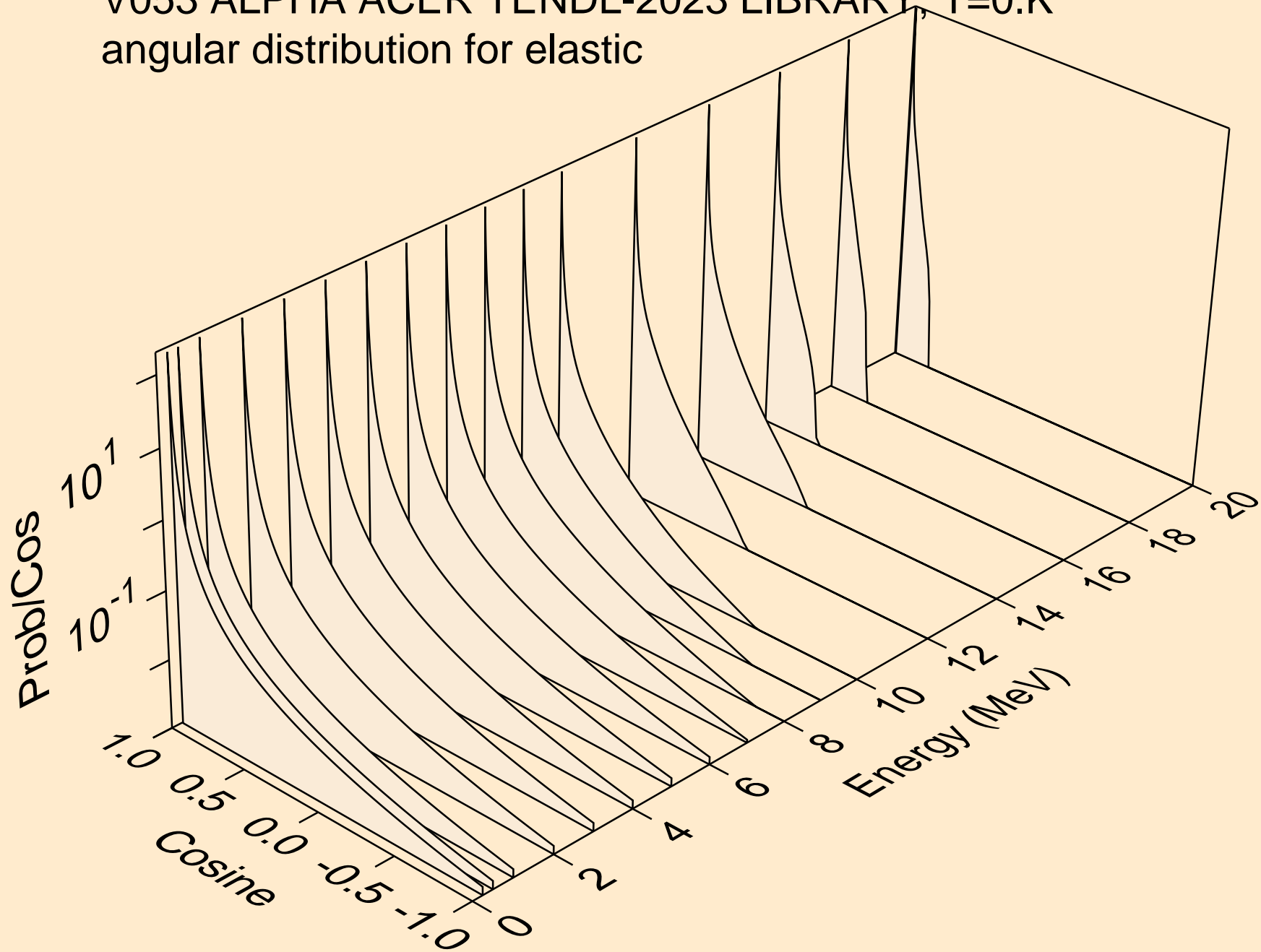
V053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



V053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

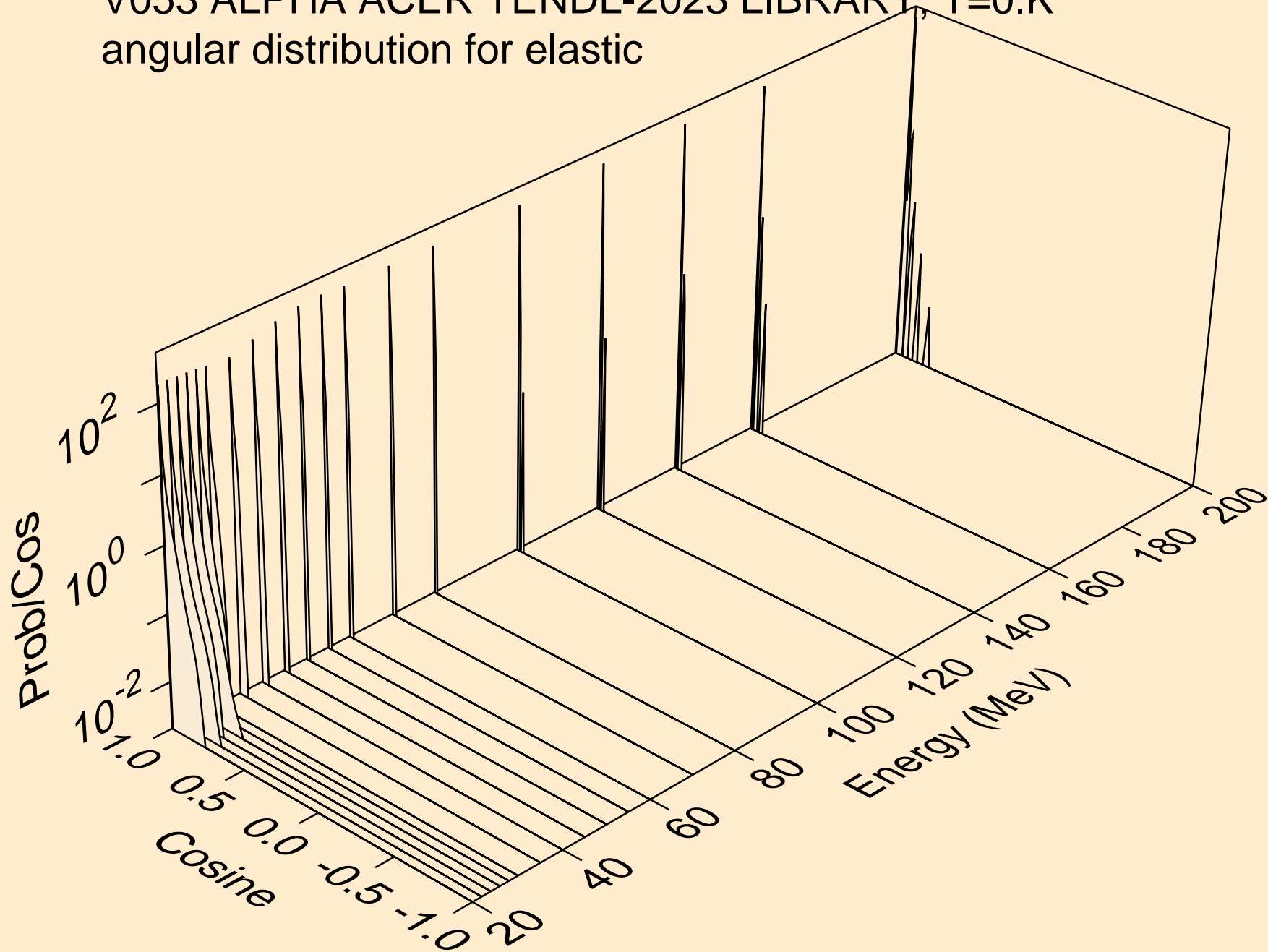


V053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



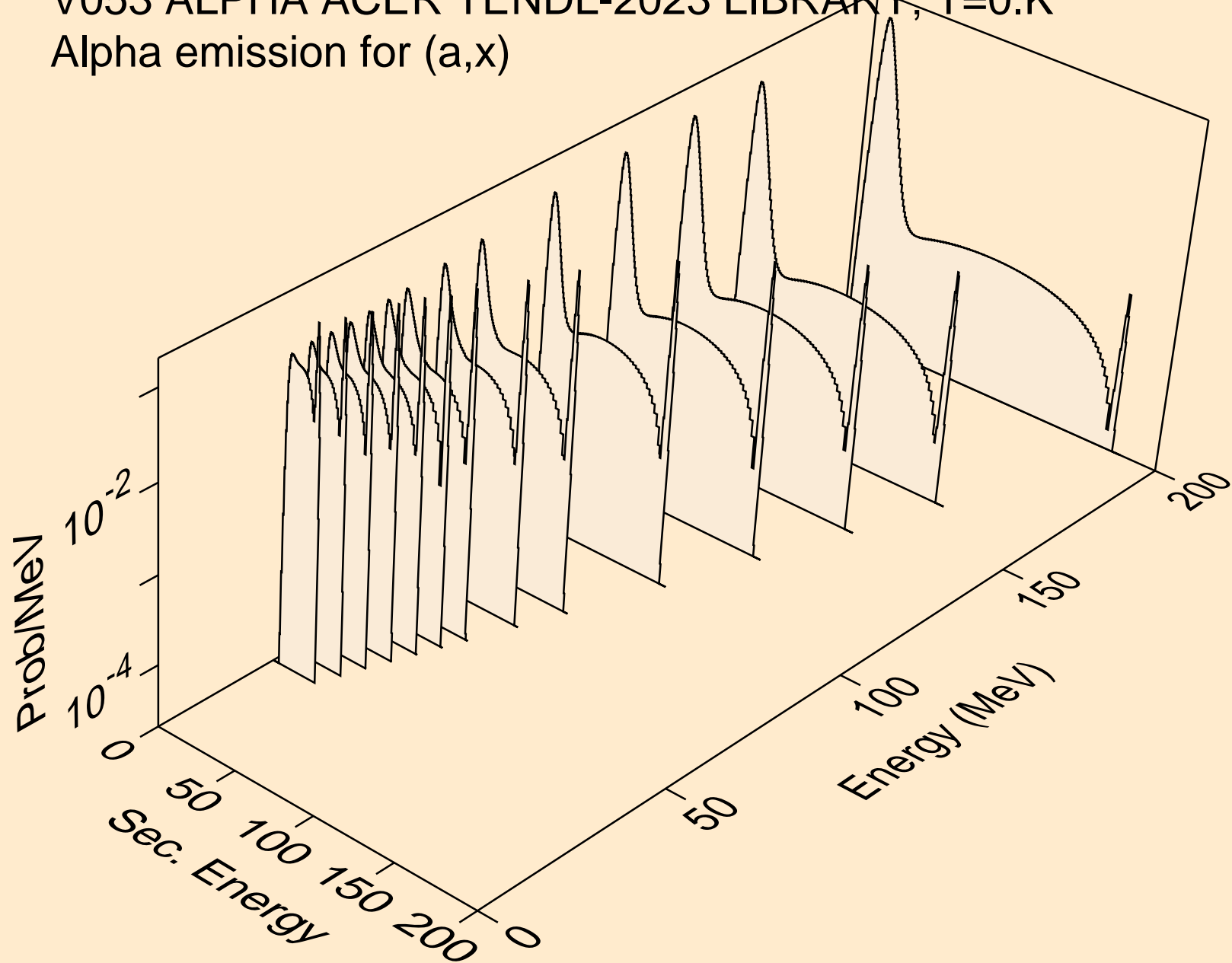


V053 ALPHA ACER TENDL-2023 LIBRARY: T=0.K  
angular distribution for elastic

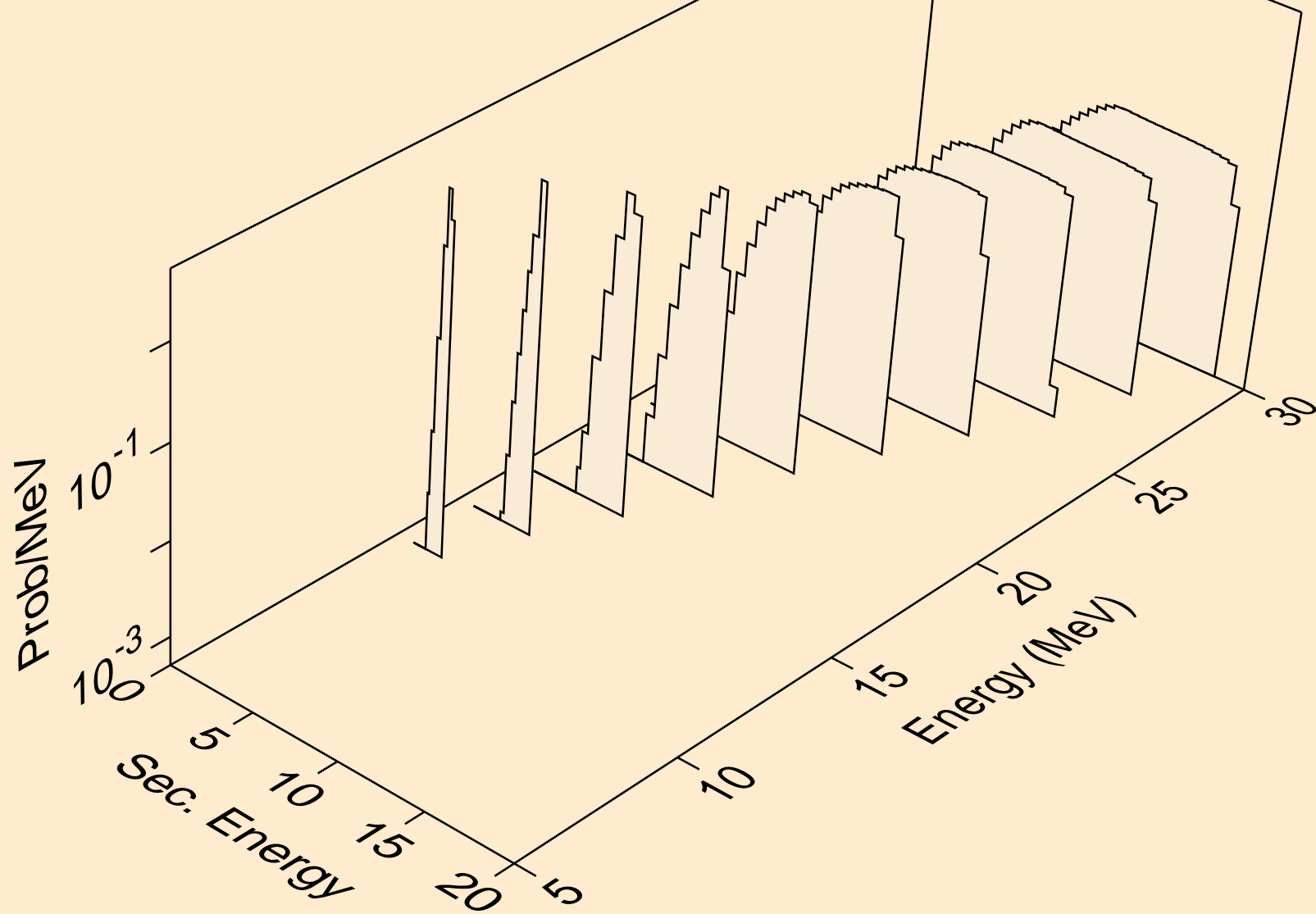


V053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

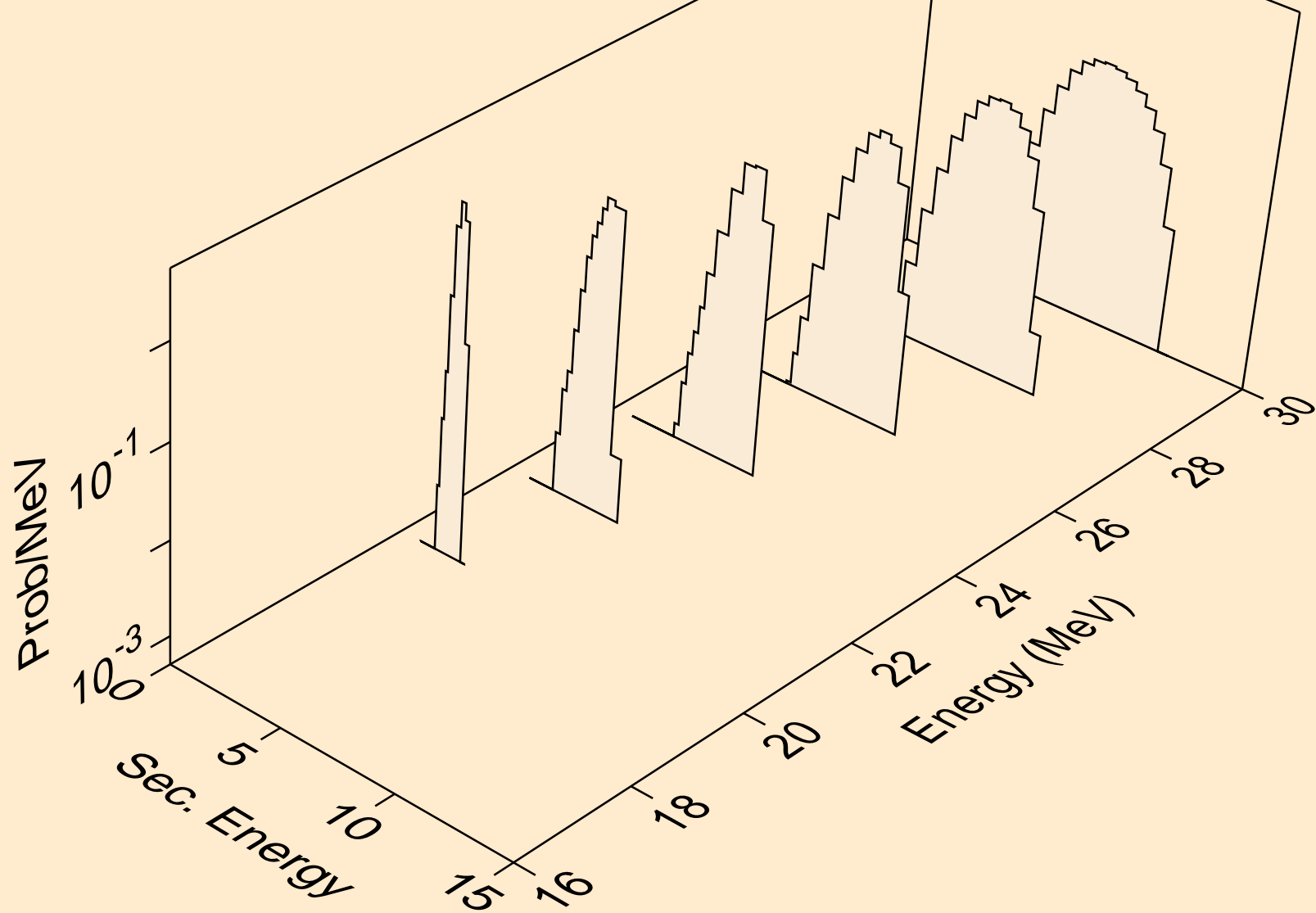
Alpha emission for (a,x)



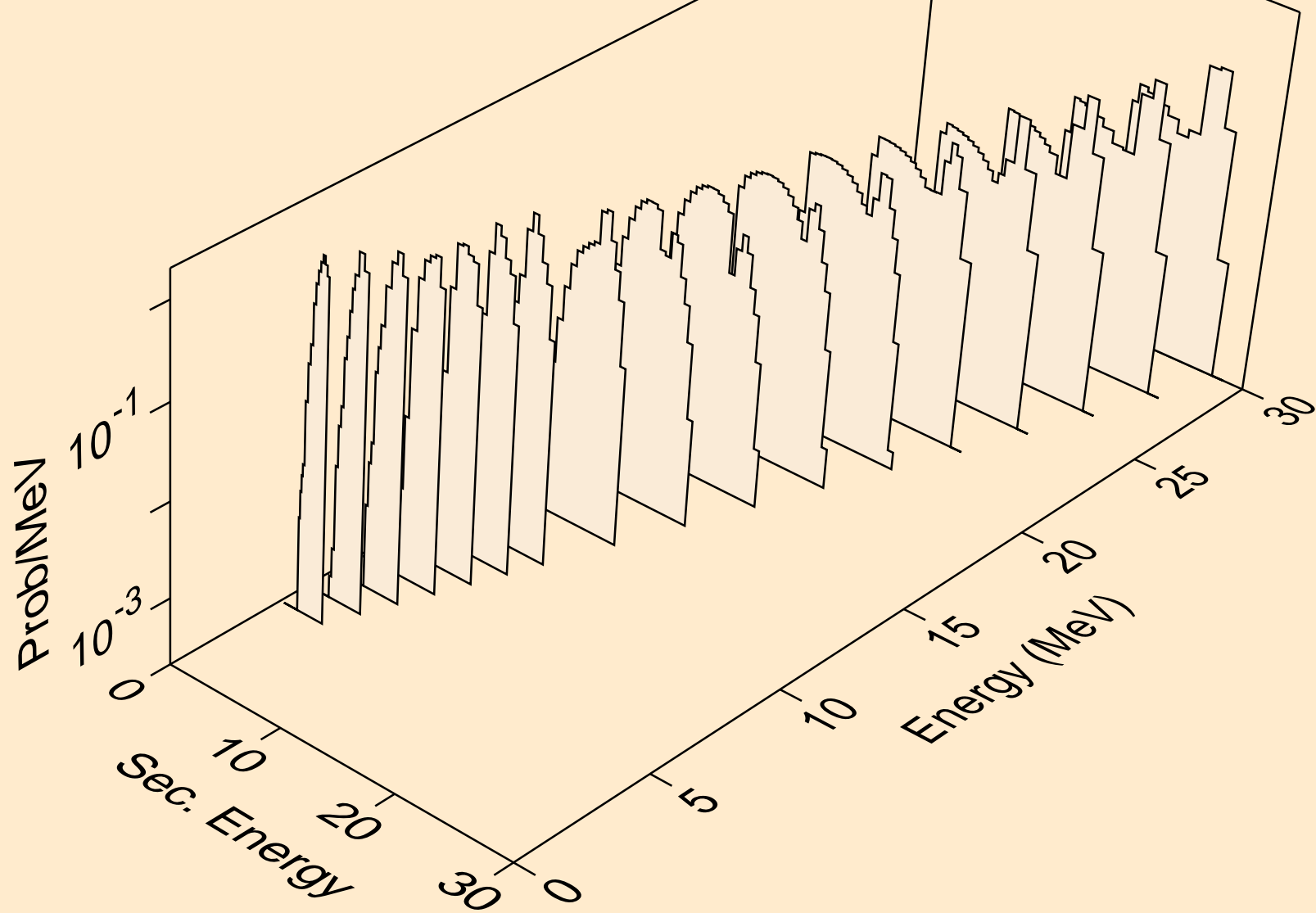
V053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



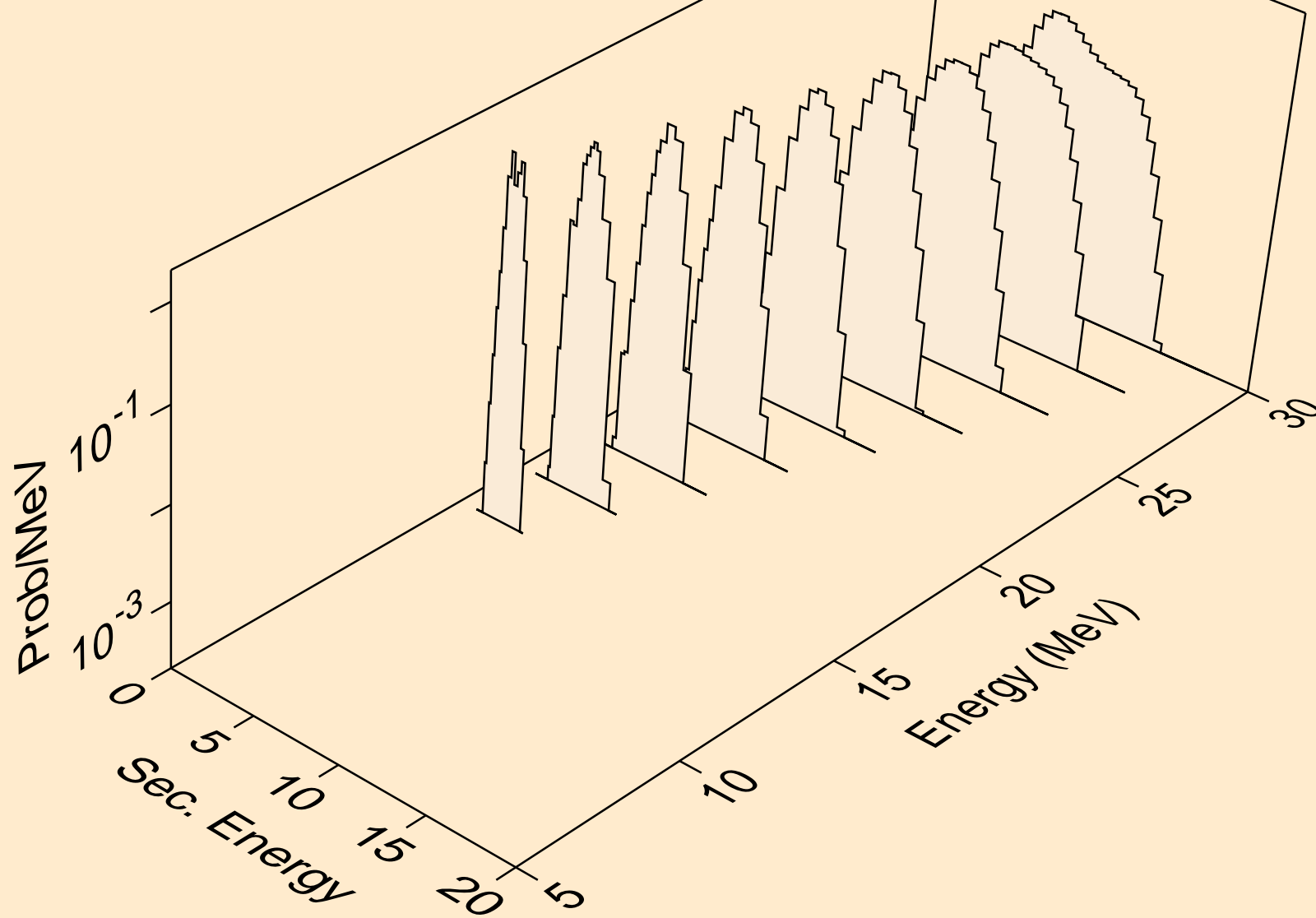
V053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



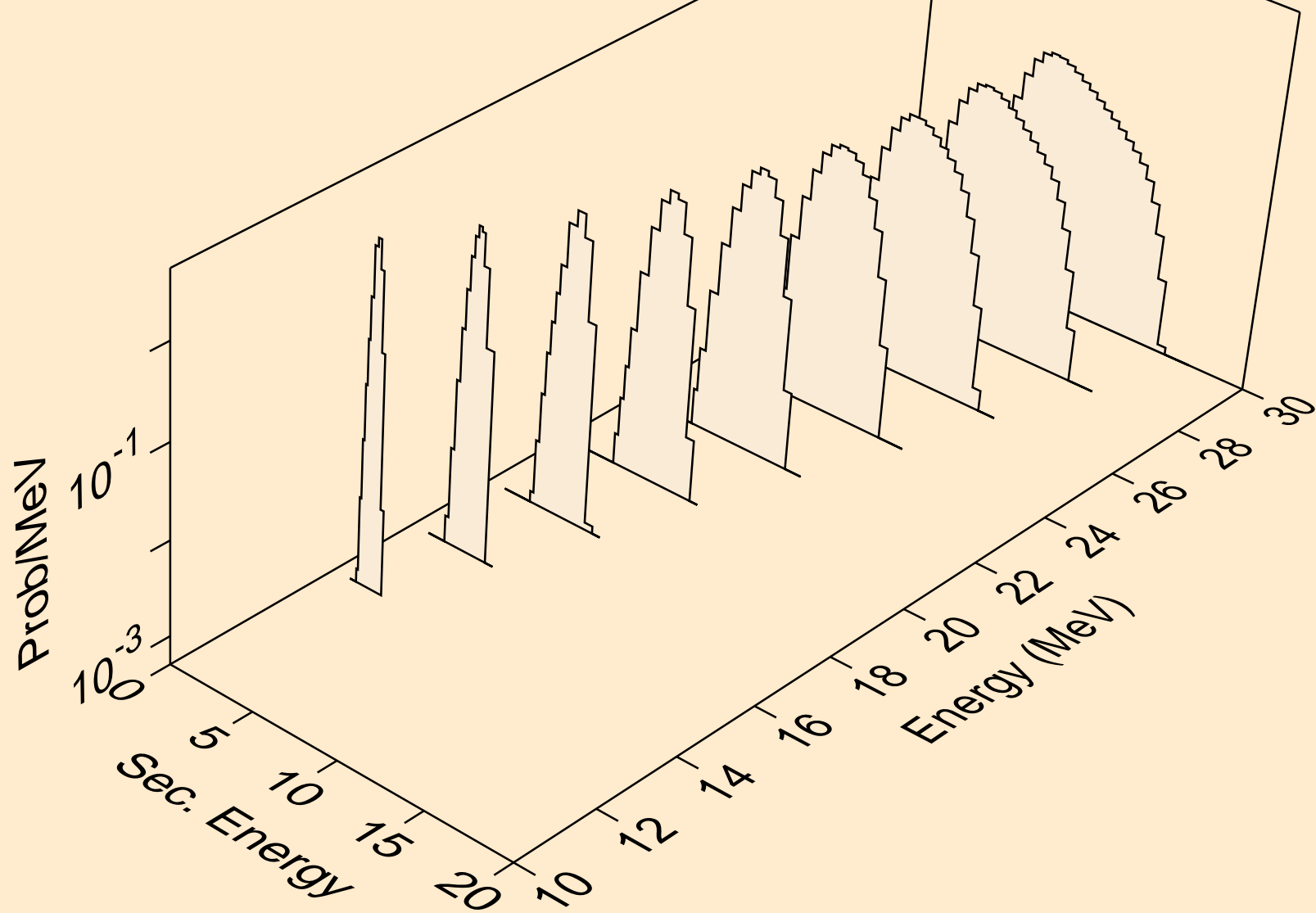
V053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic



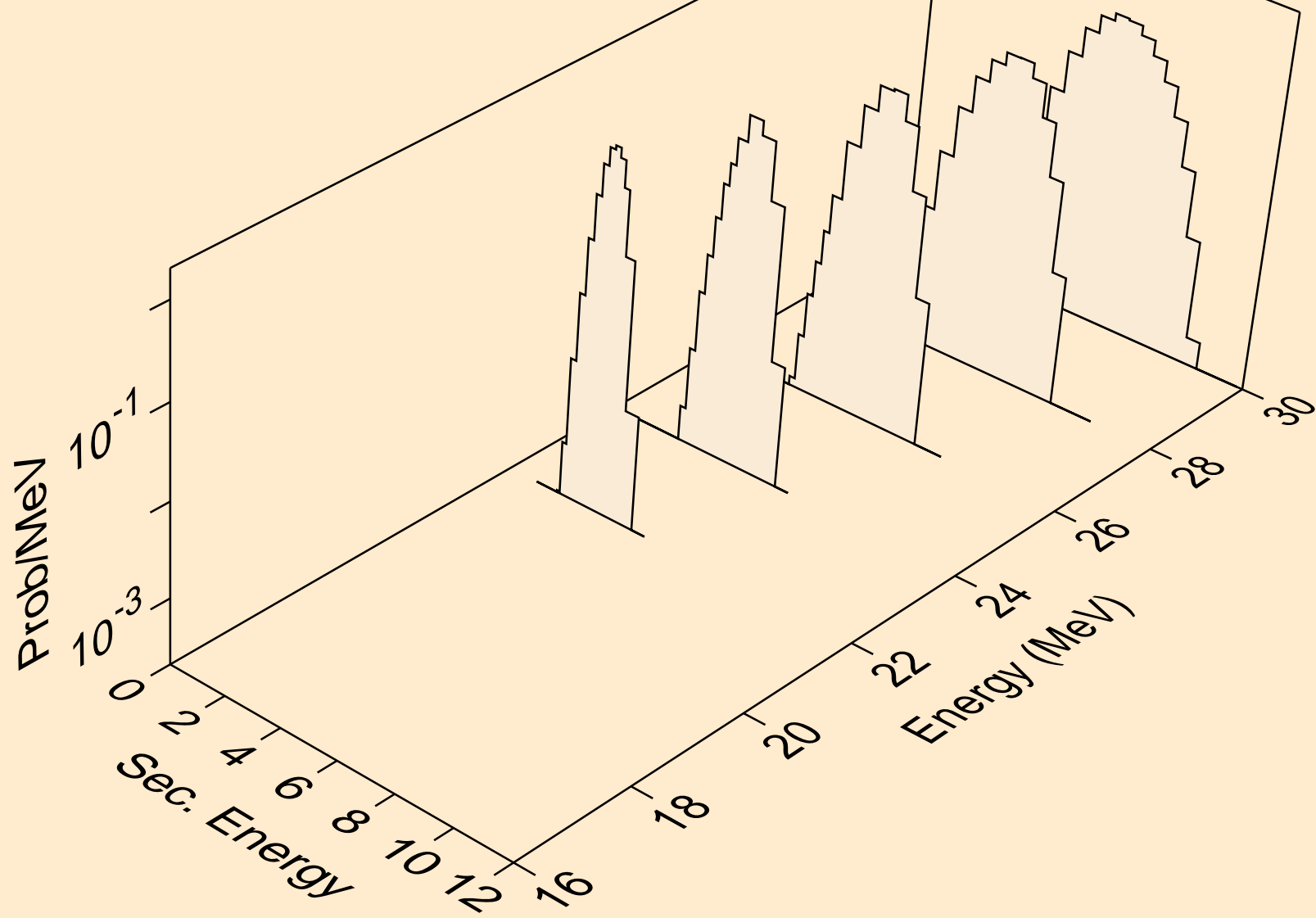
V053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2a)



V053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,pa)

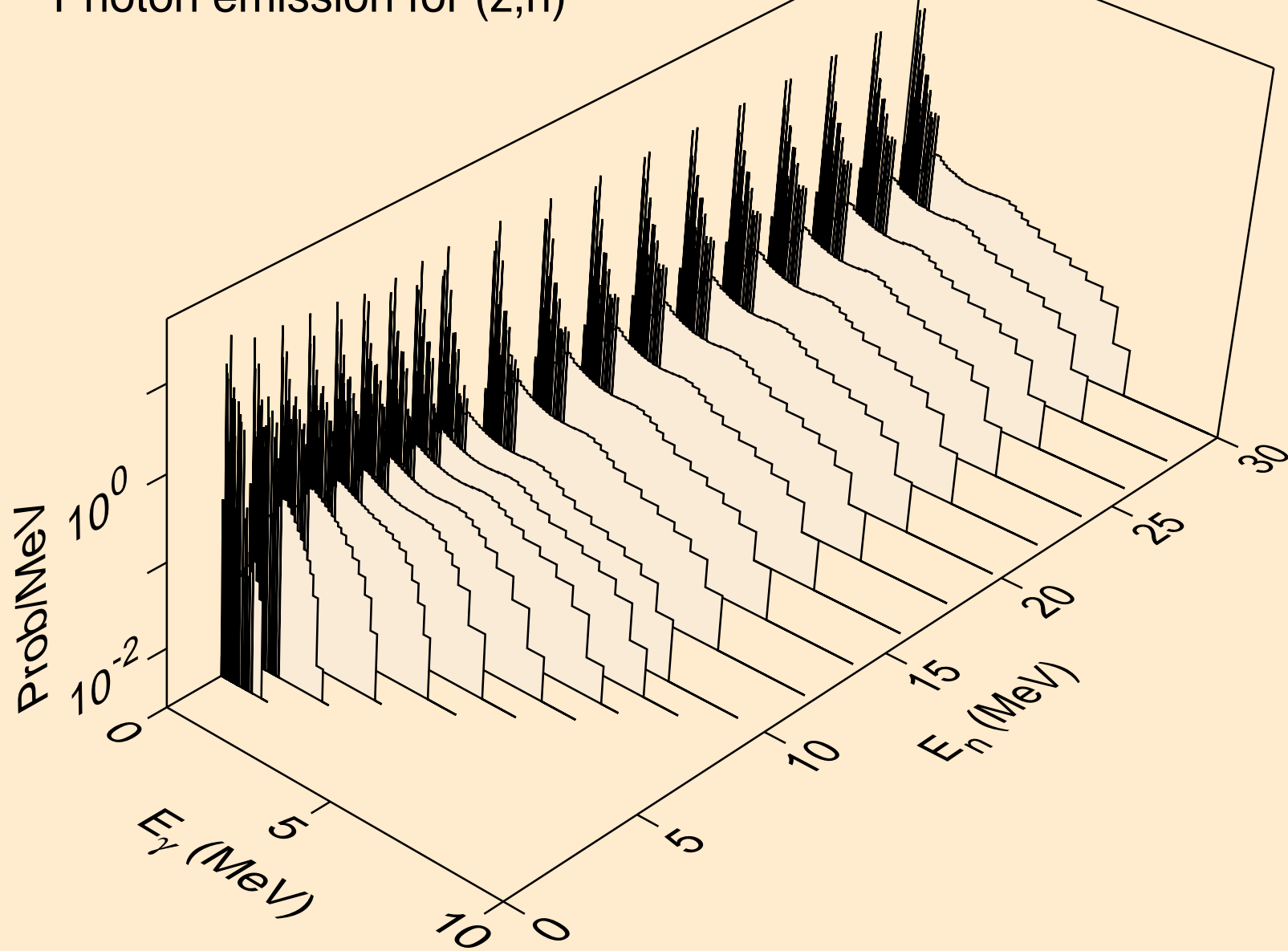


V053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,da)

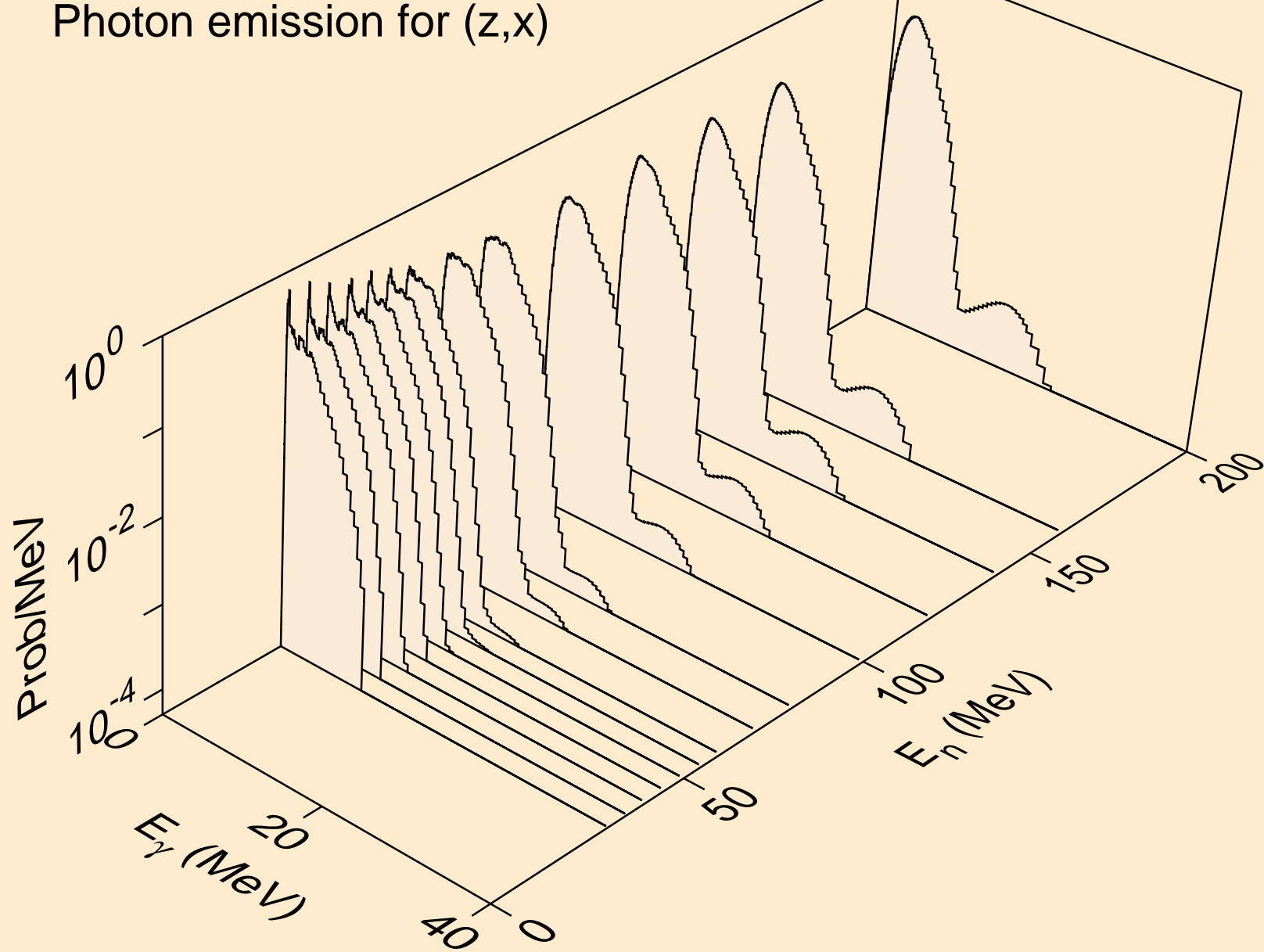




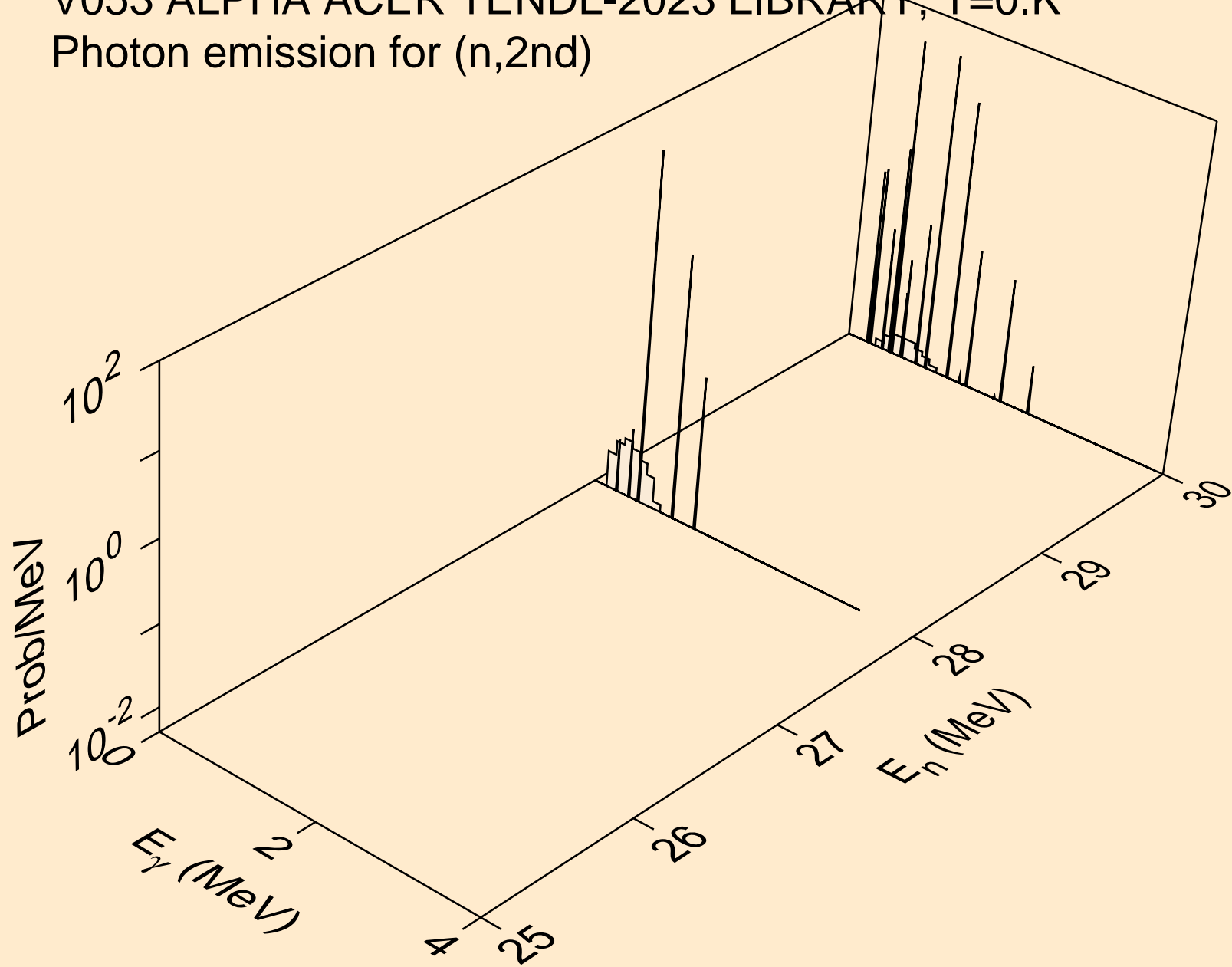
V053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



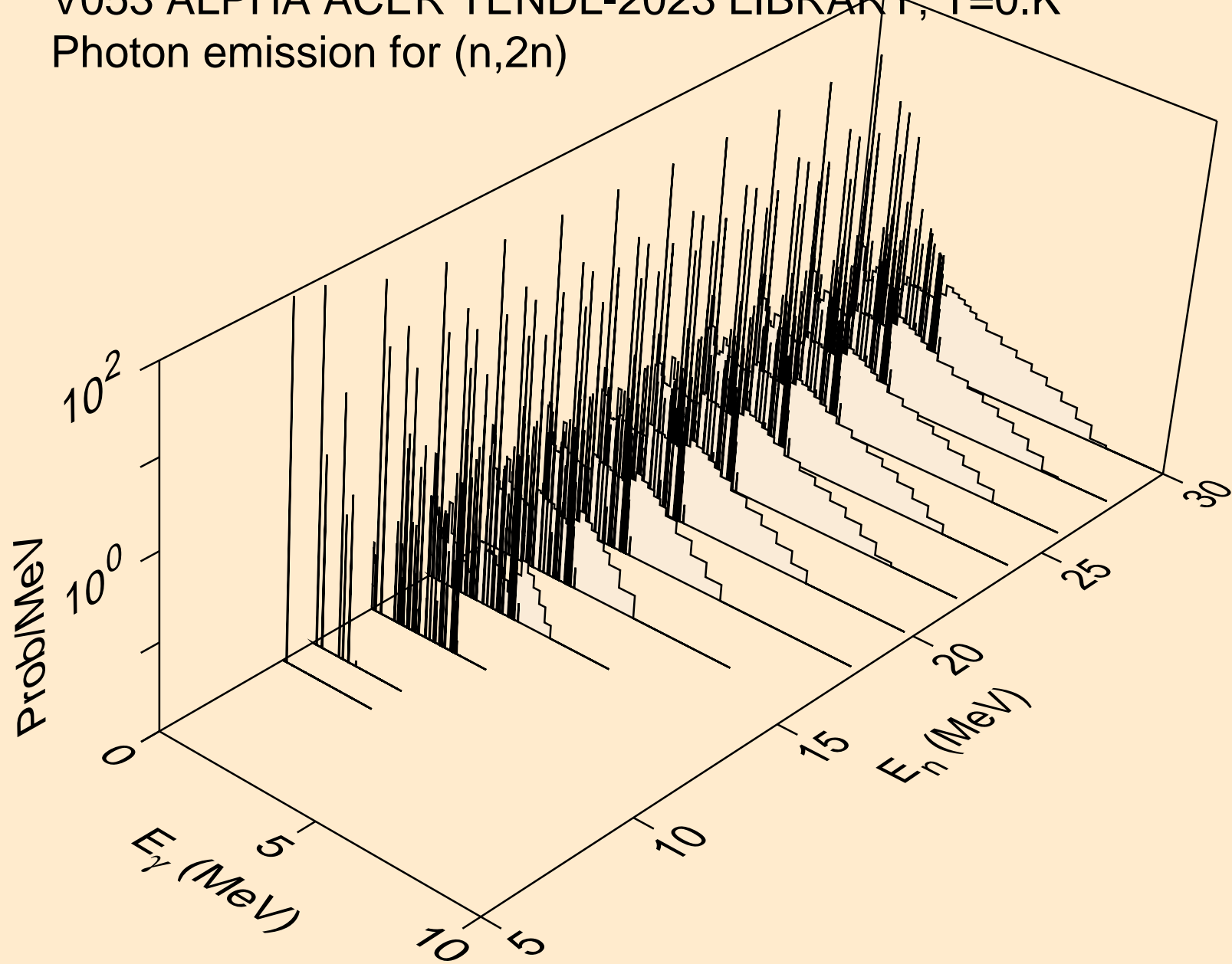
V053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



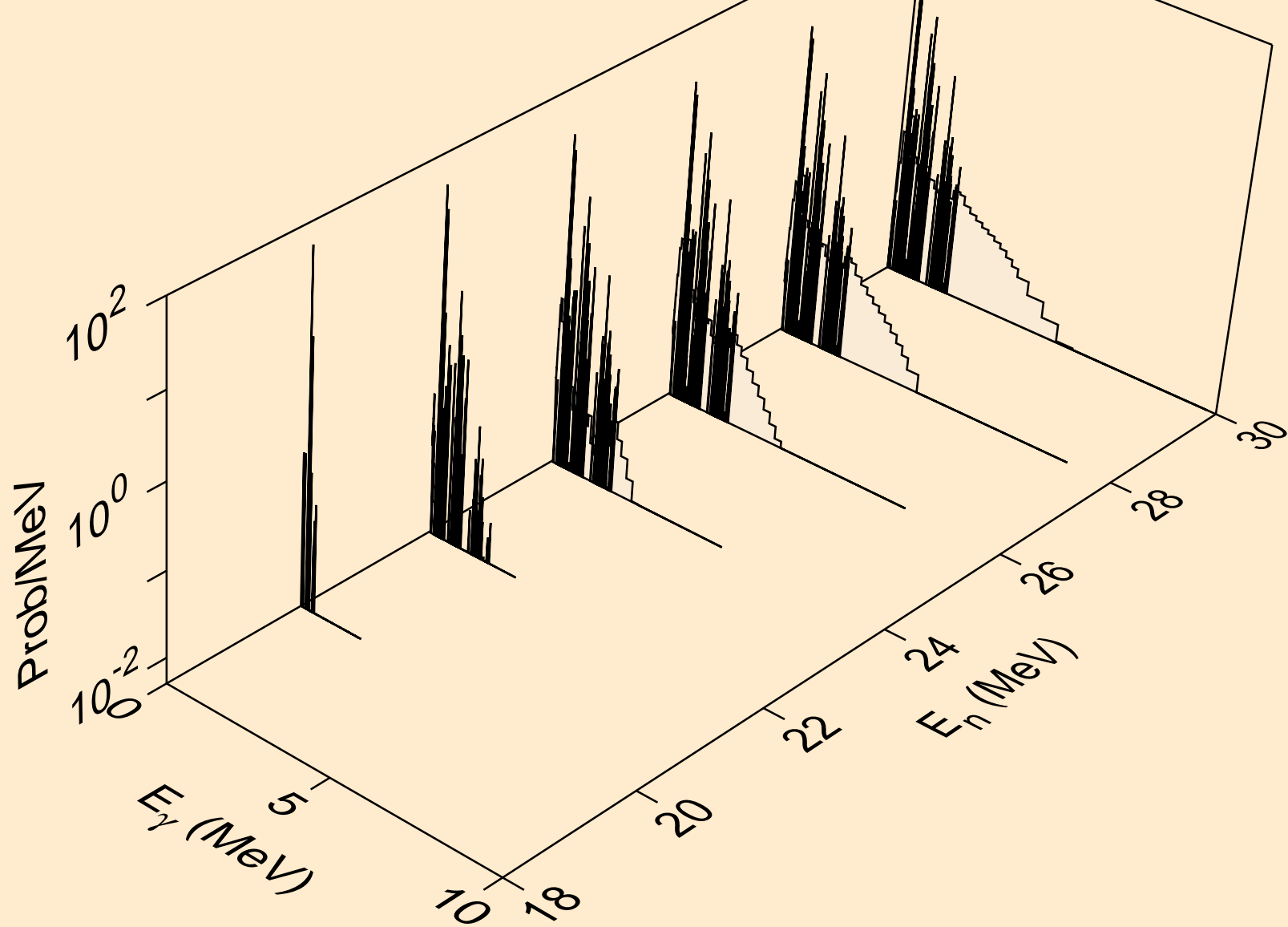
V053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



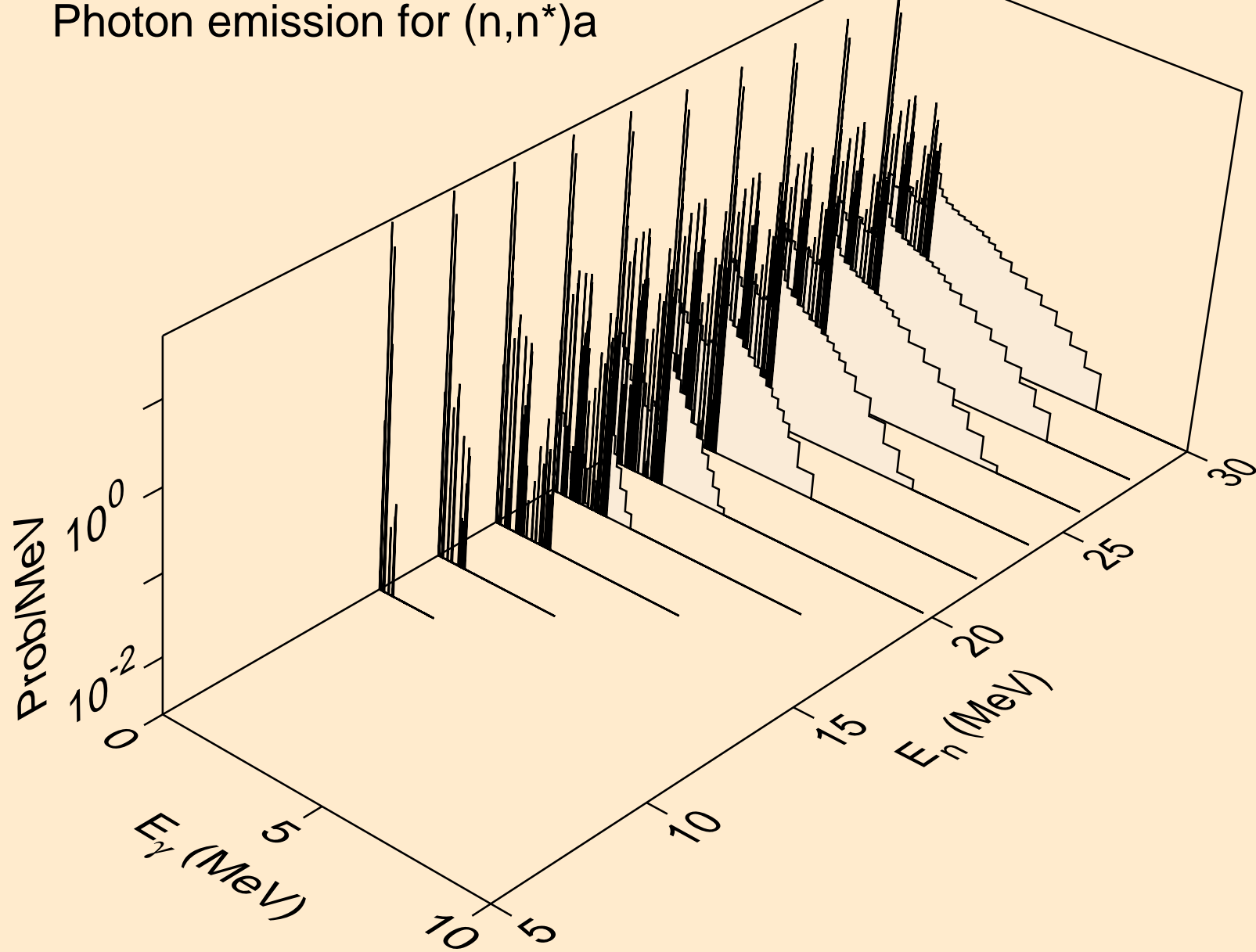
V053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



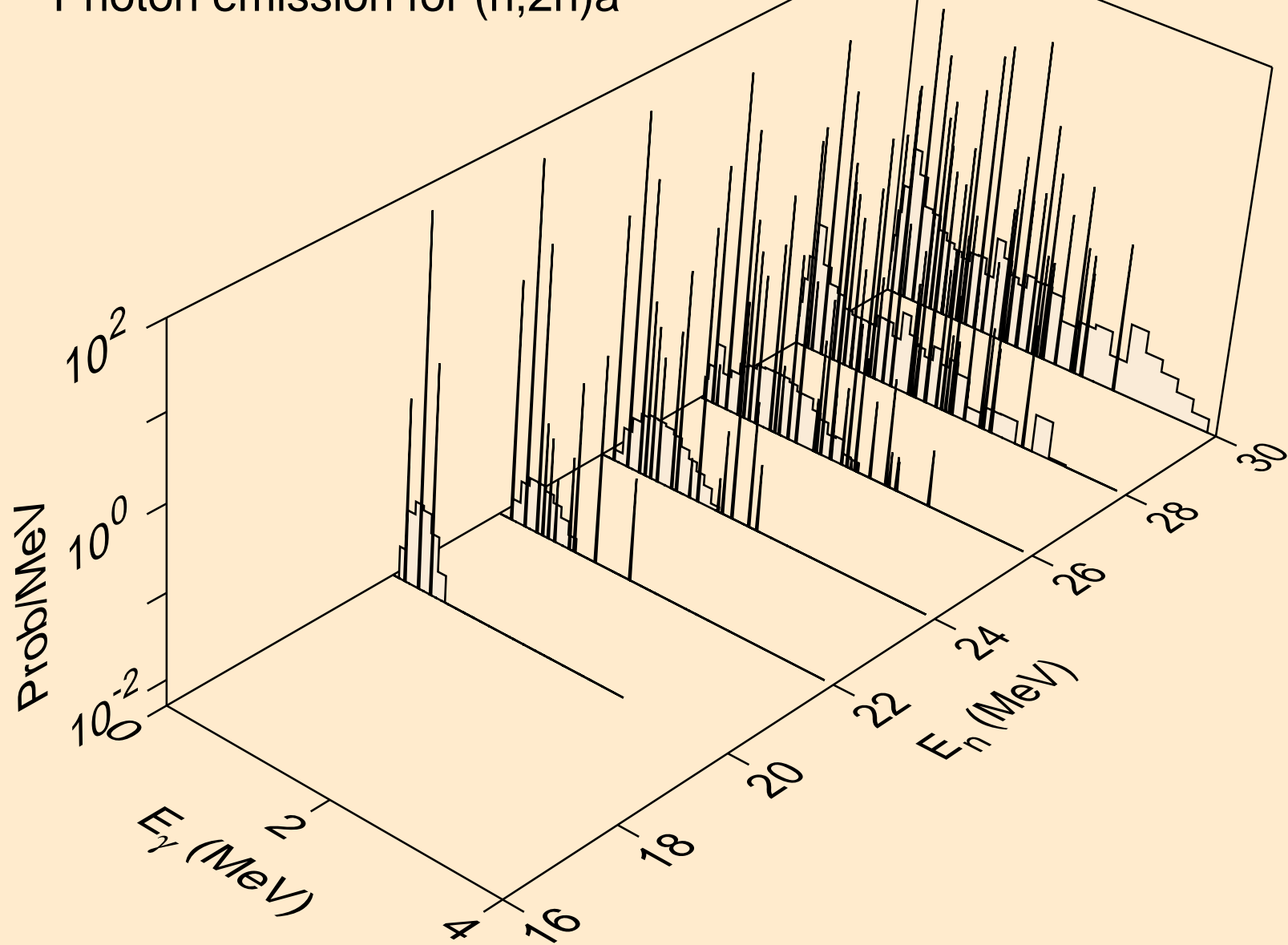
V053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



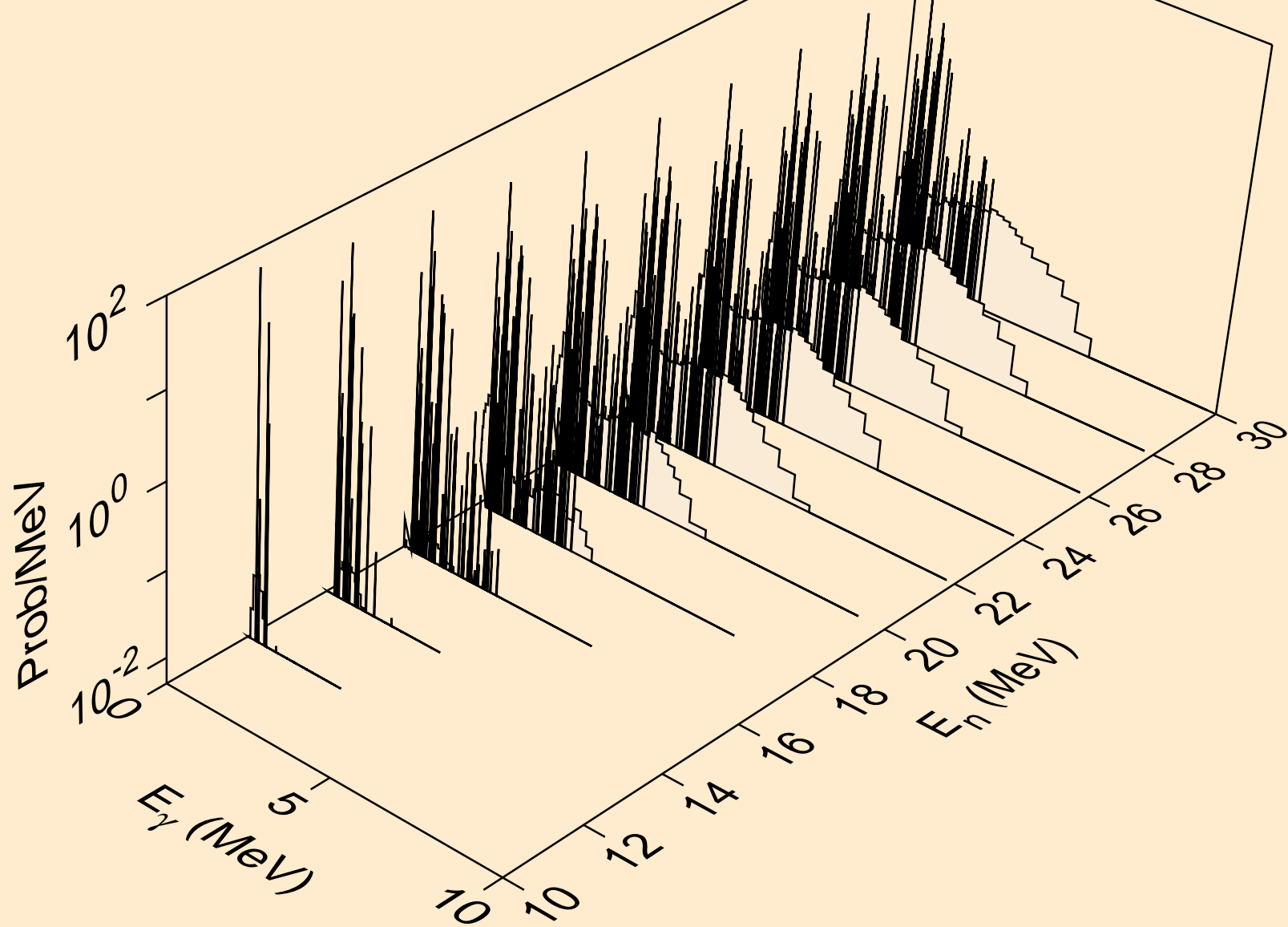
V053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



V053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

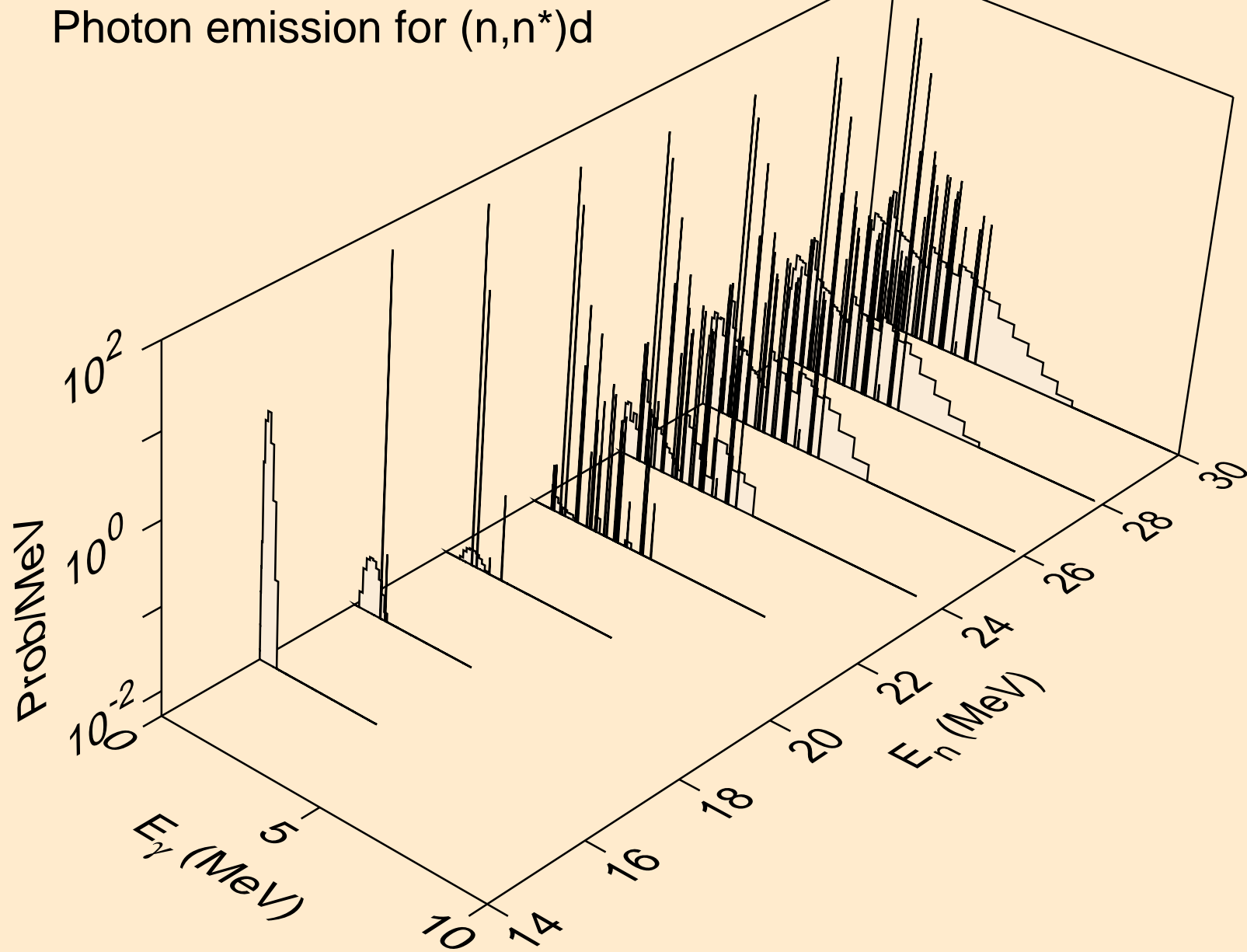


V053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

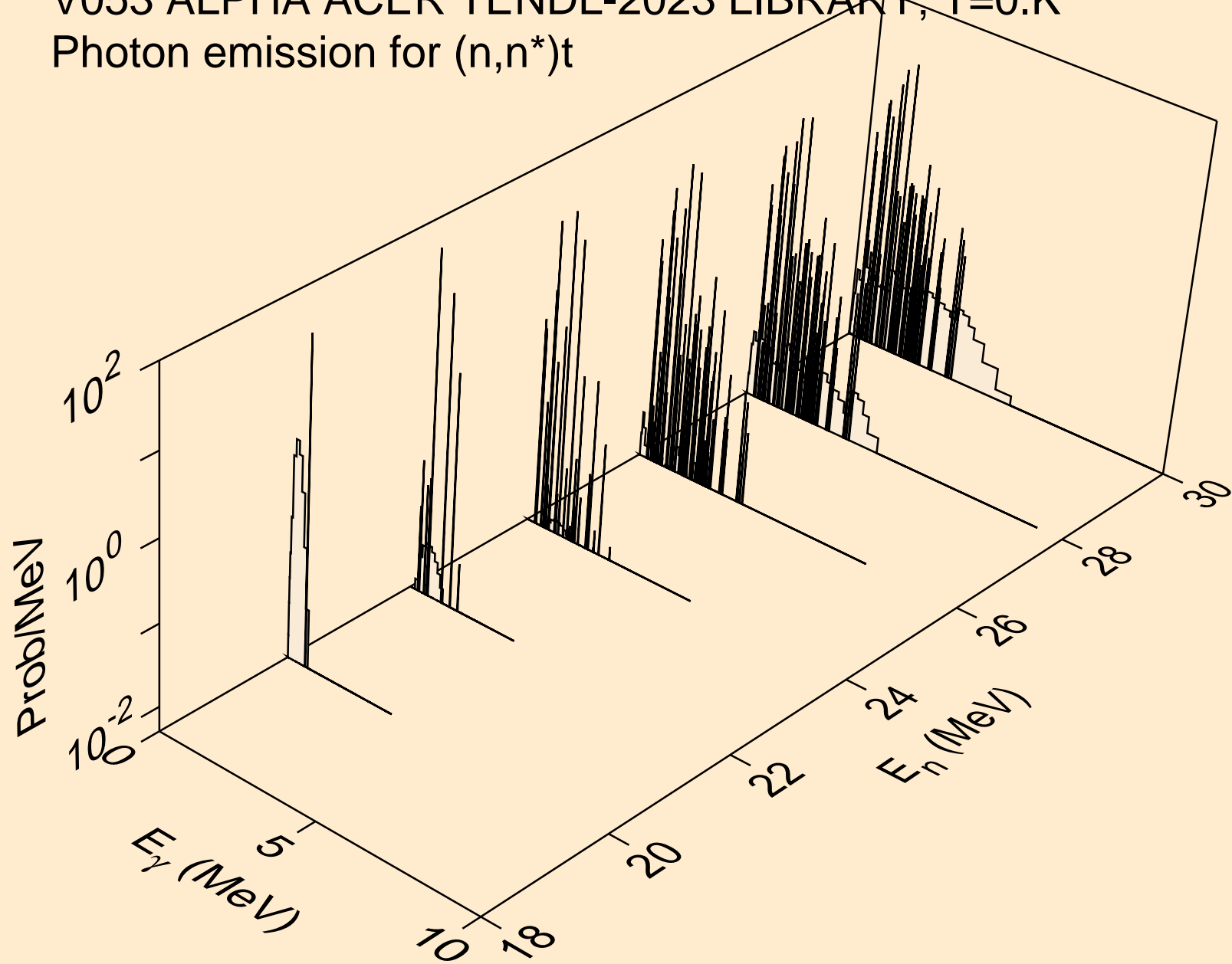




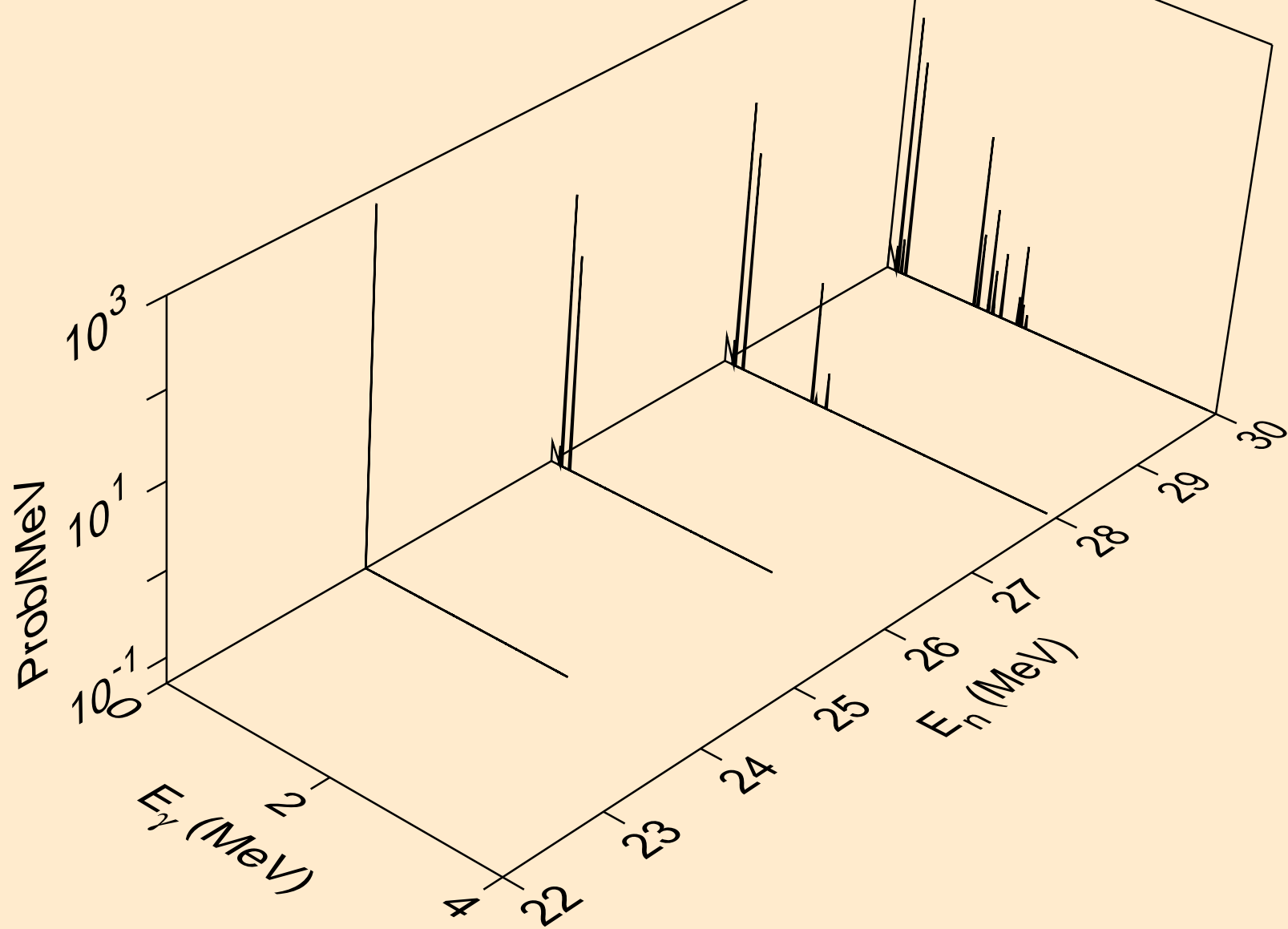
V053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



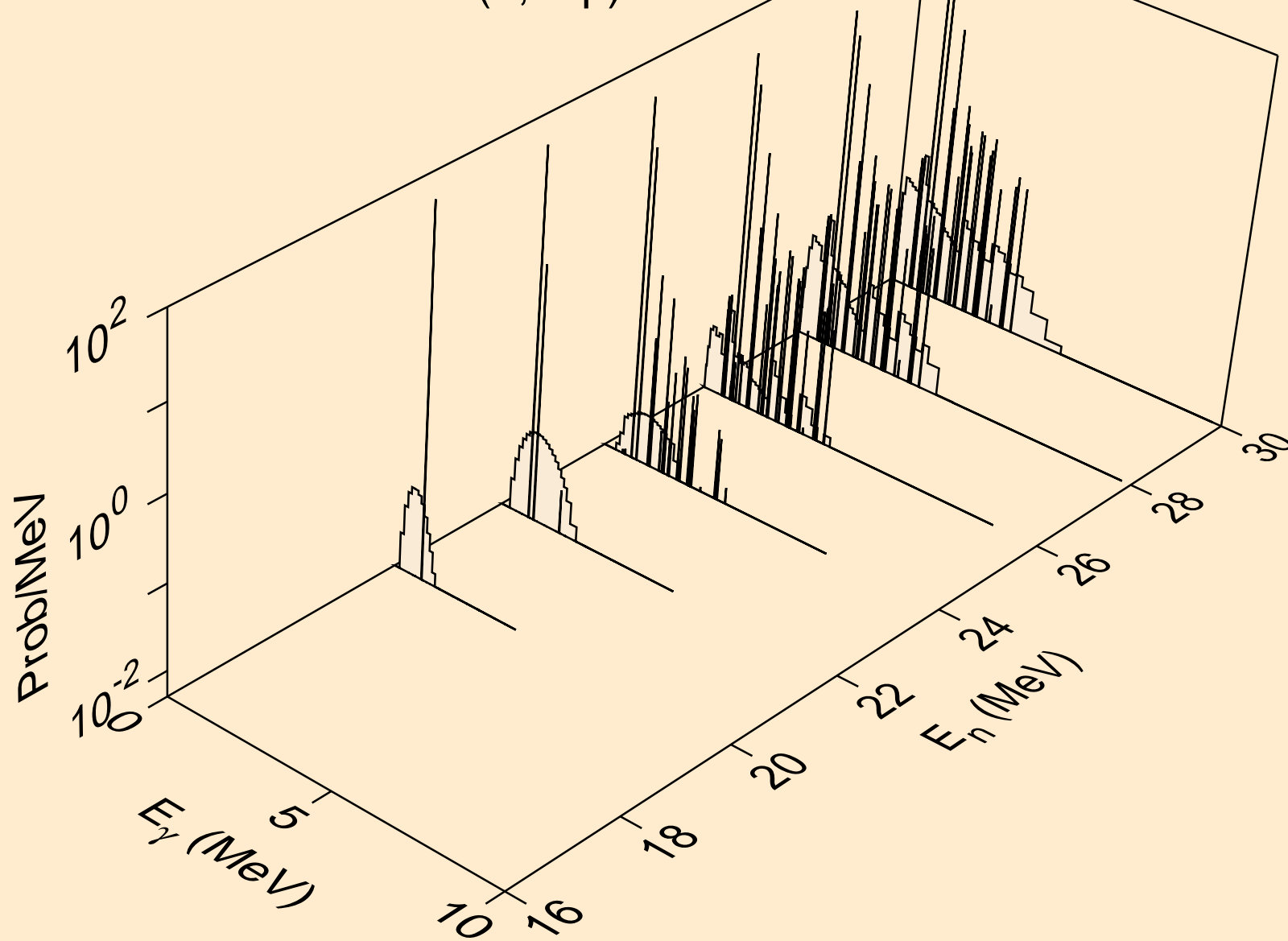
V053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



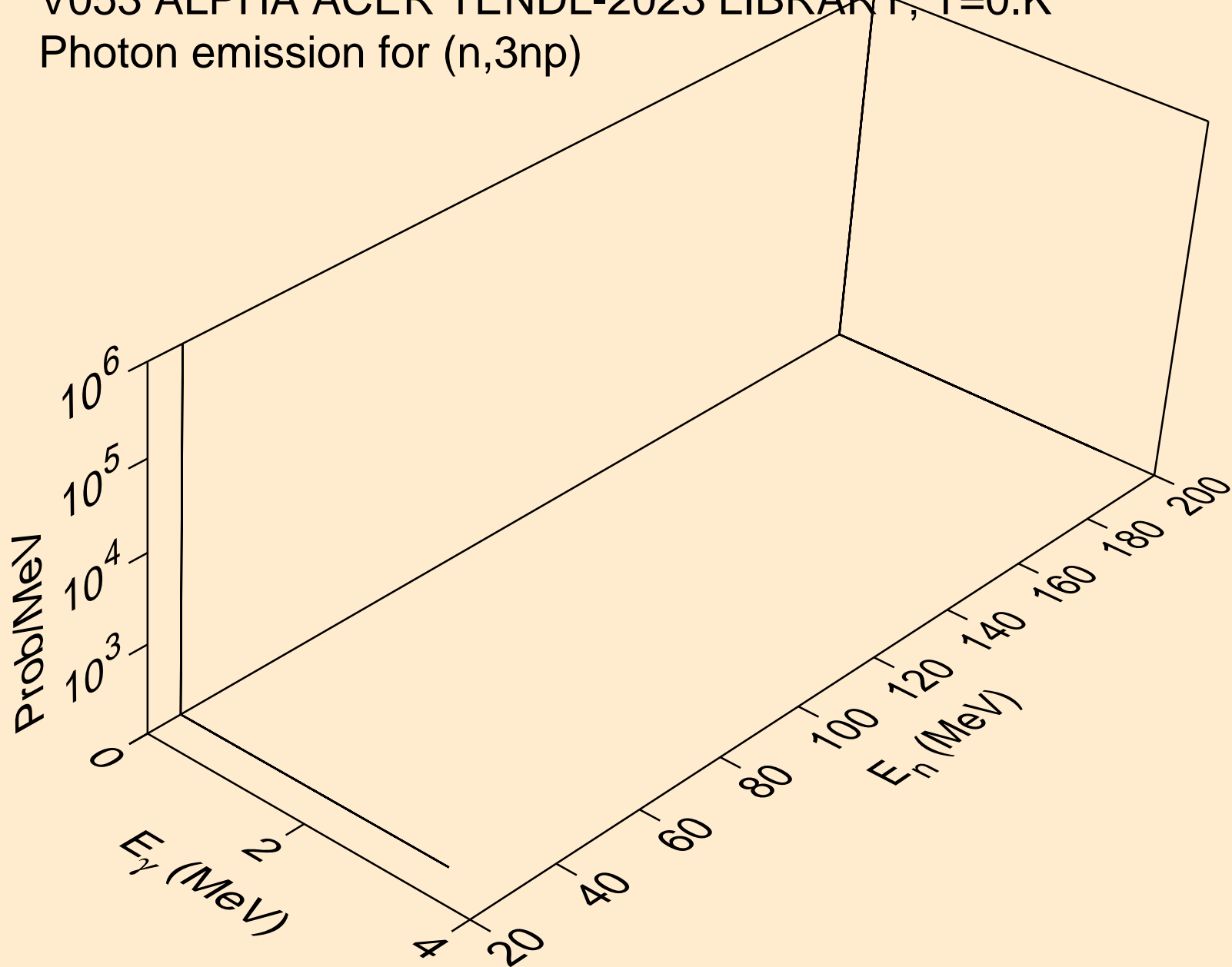
V053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



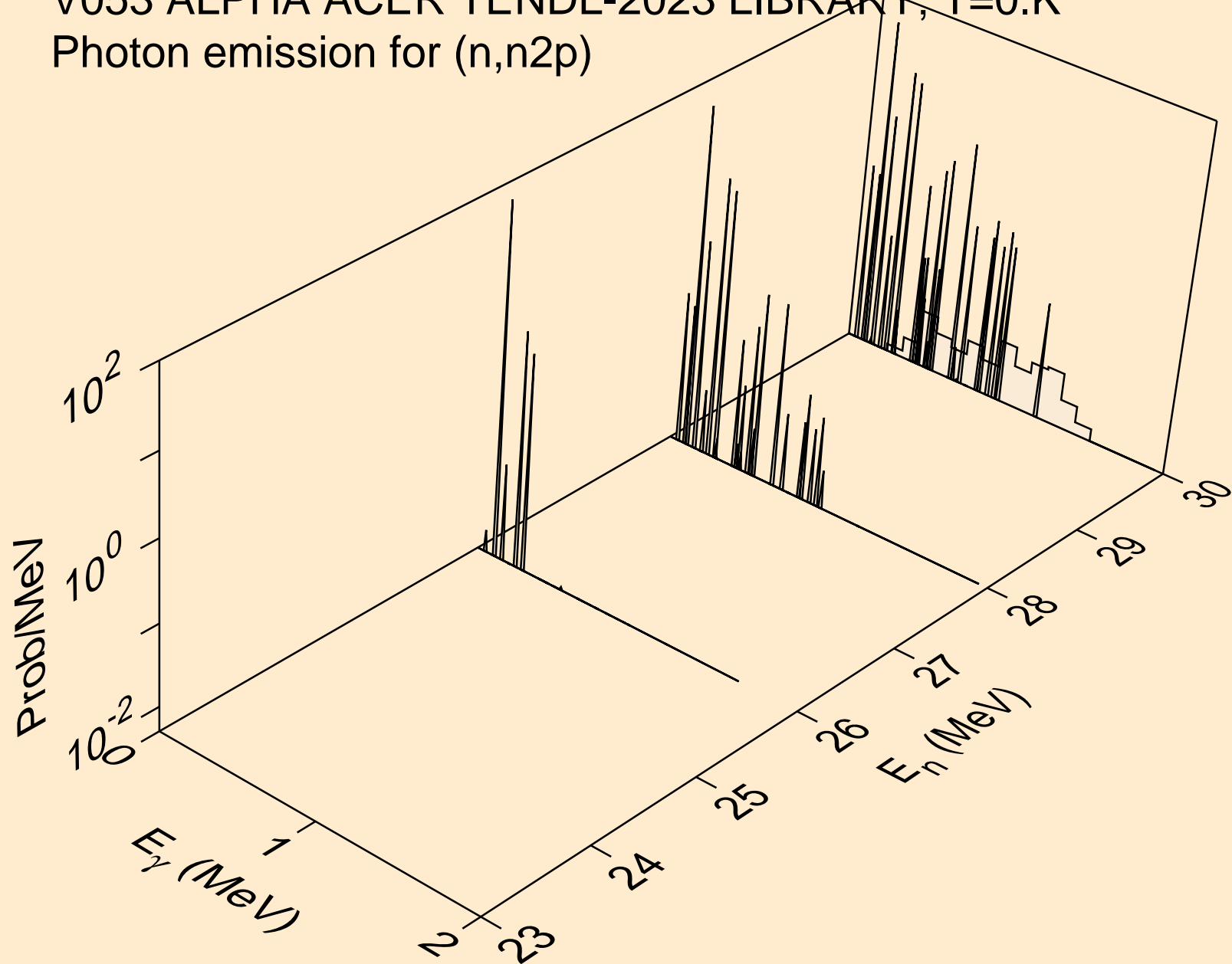
V053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



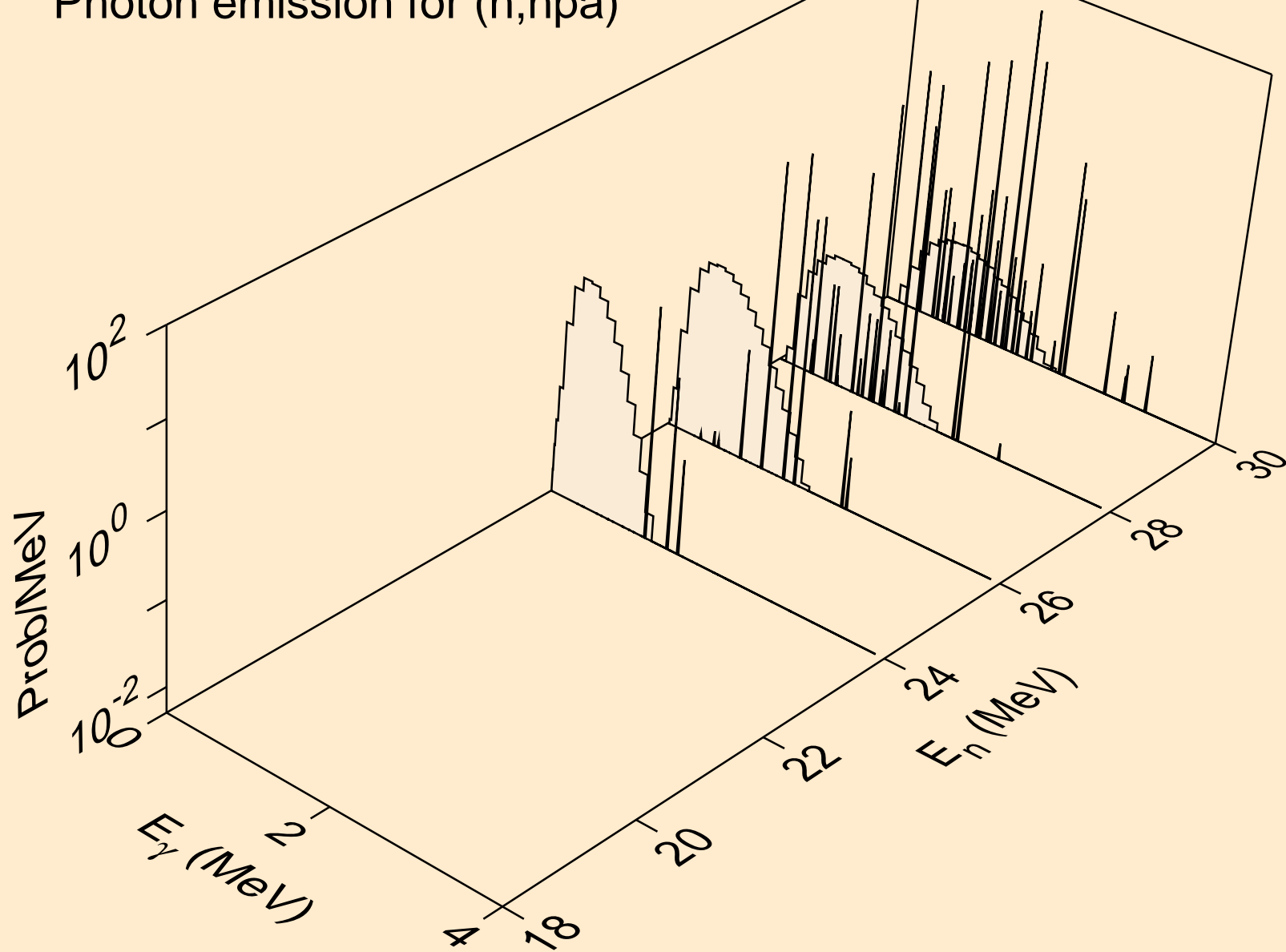
V053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



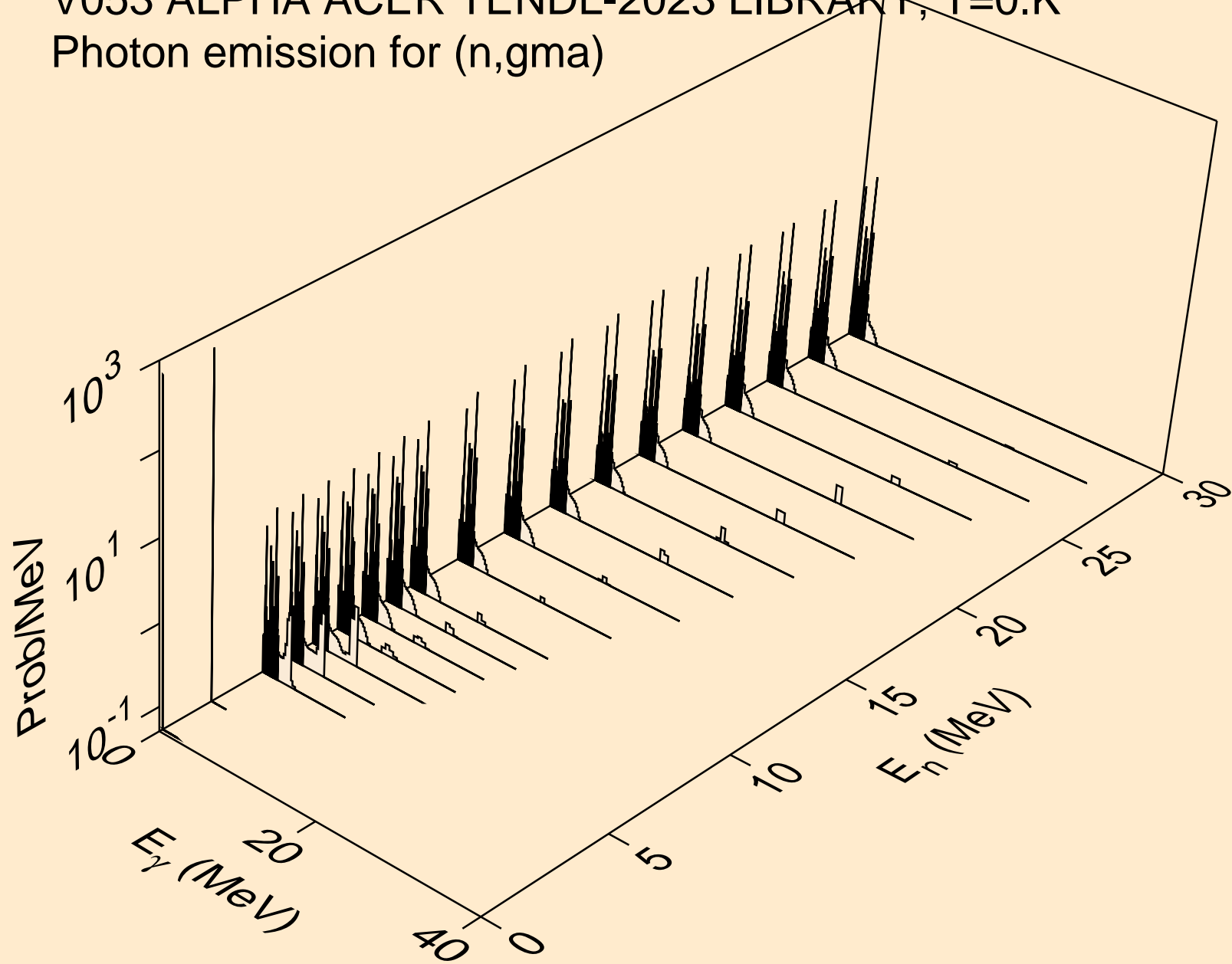
V053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



V053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)

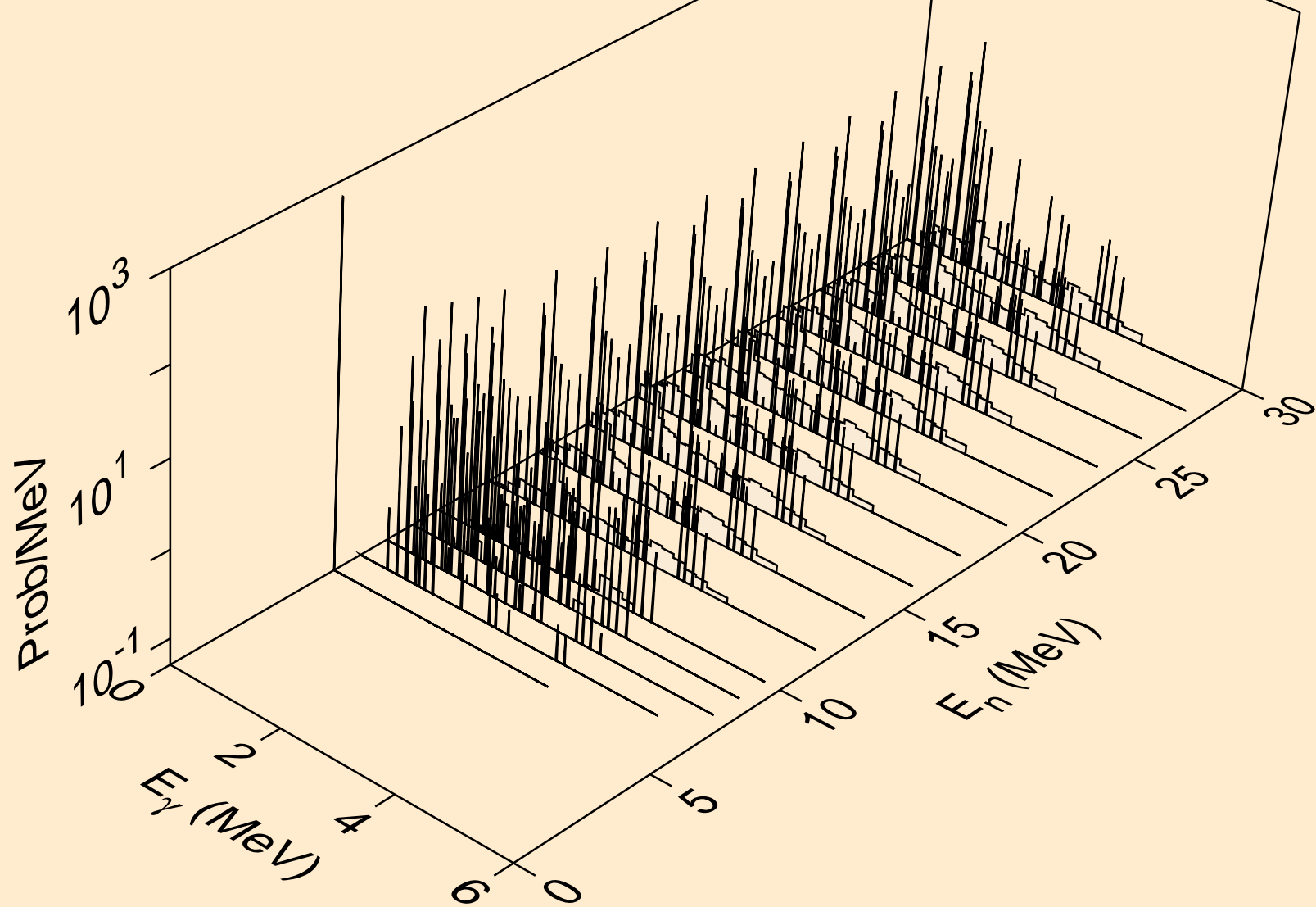


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Photon emission for (n,gma)

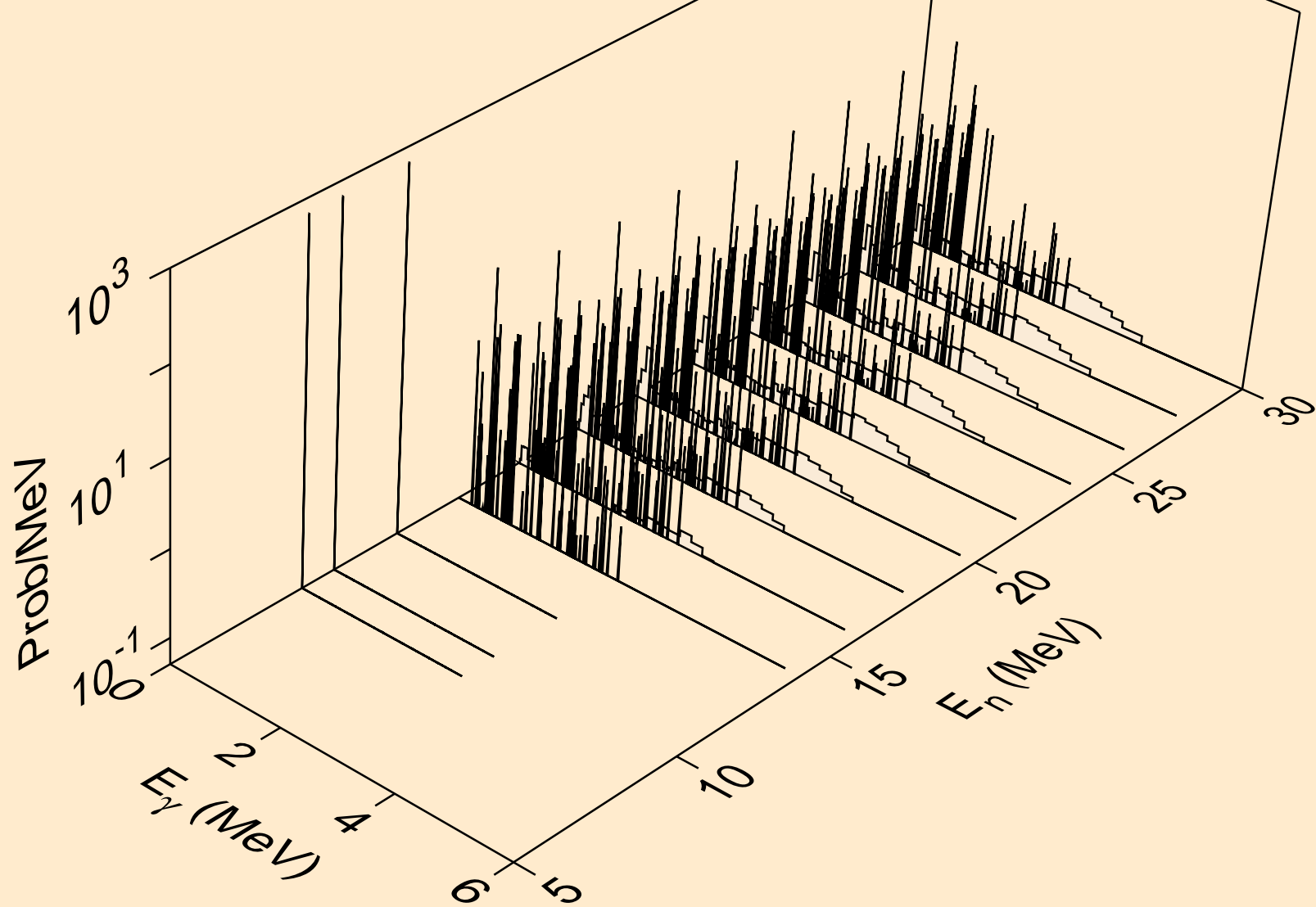




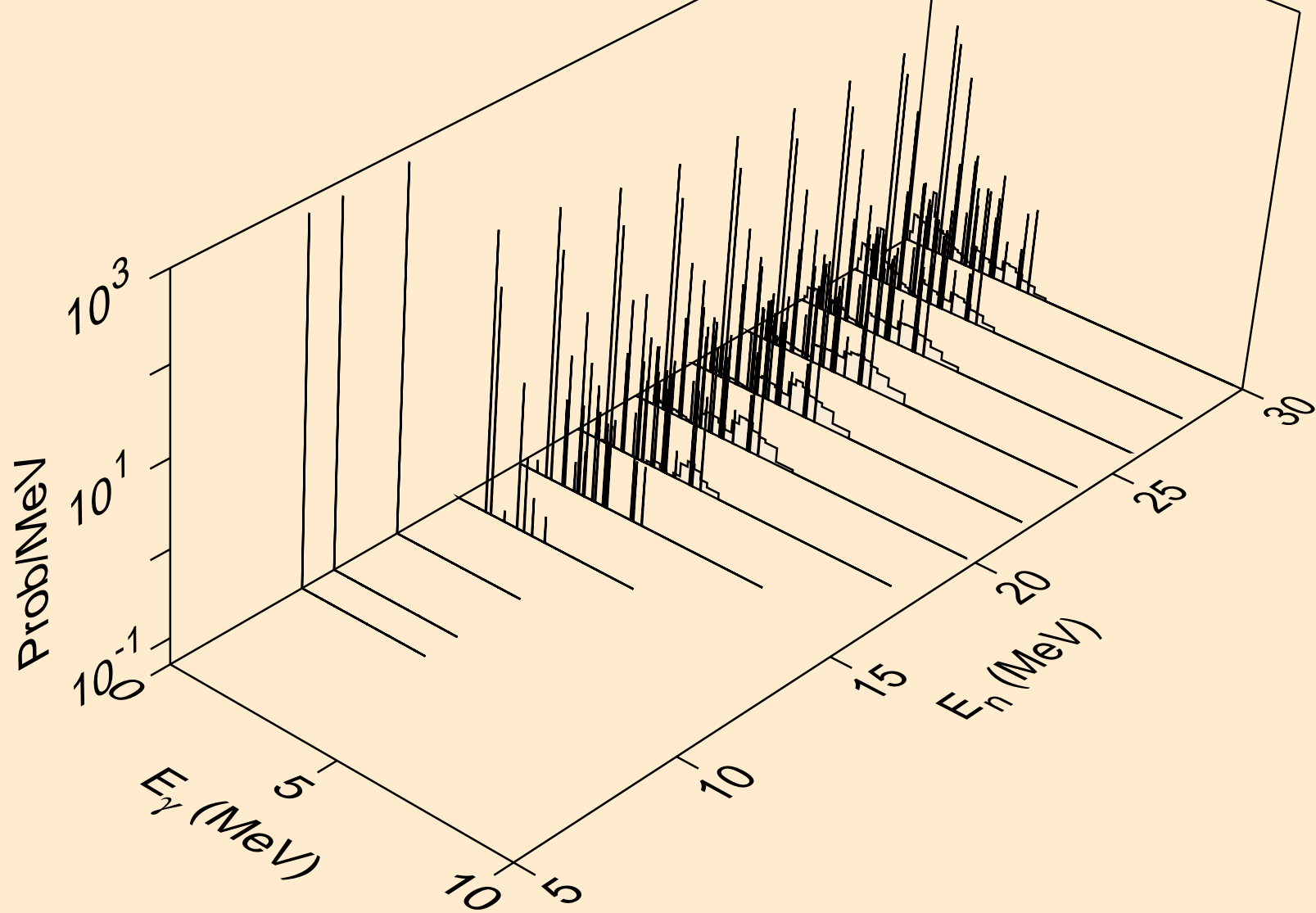
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Photon emission for (n,p)



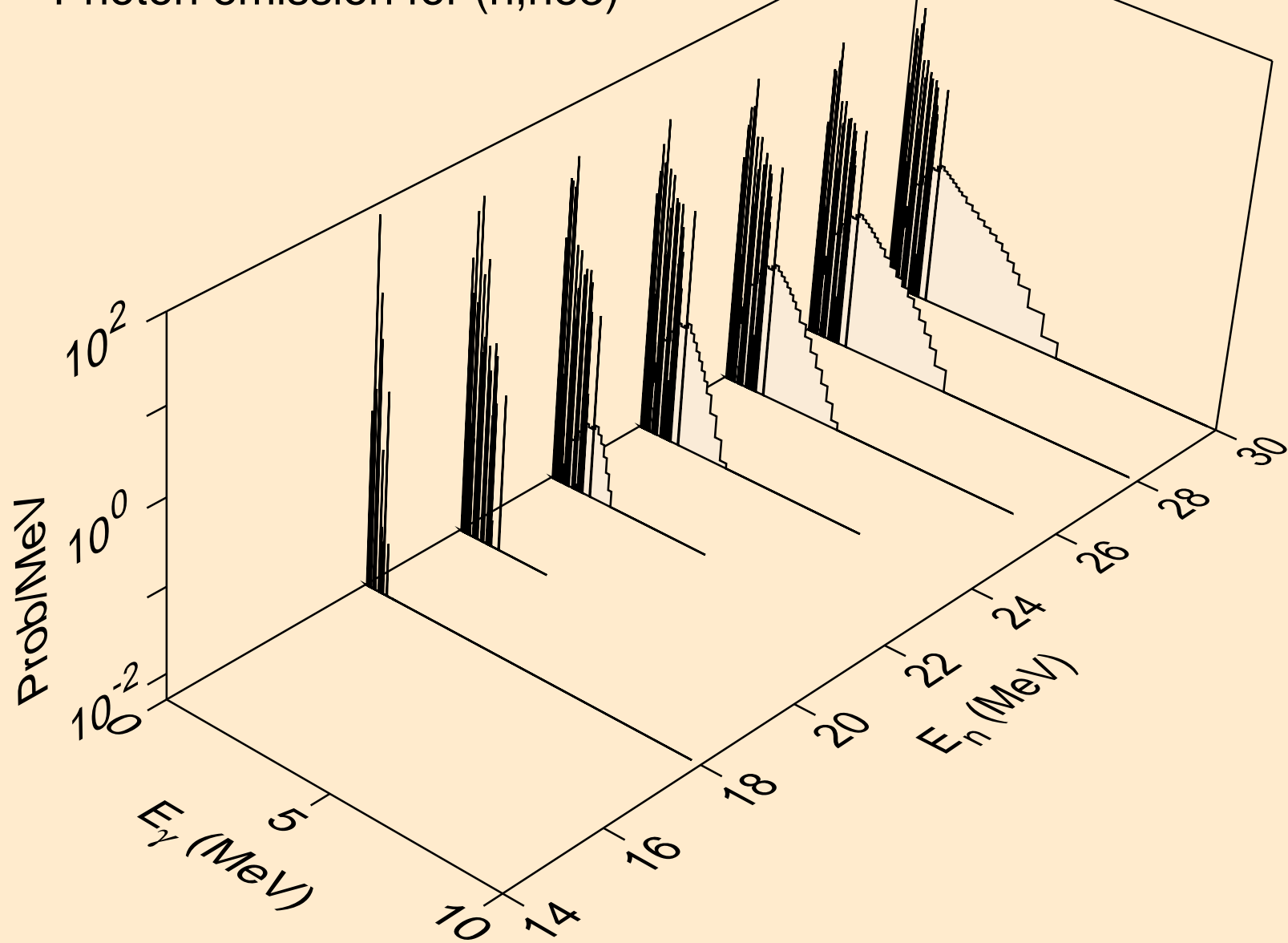
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Photon emission for (n,d)



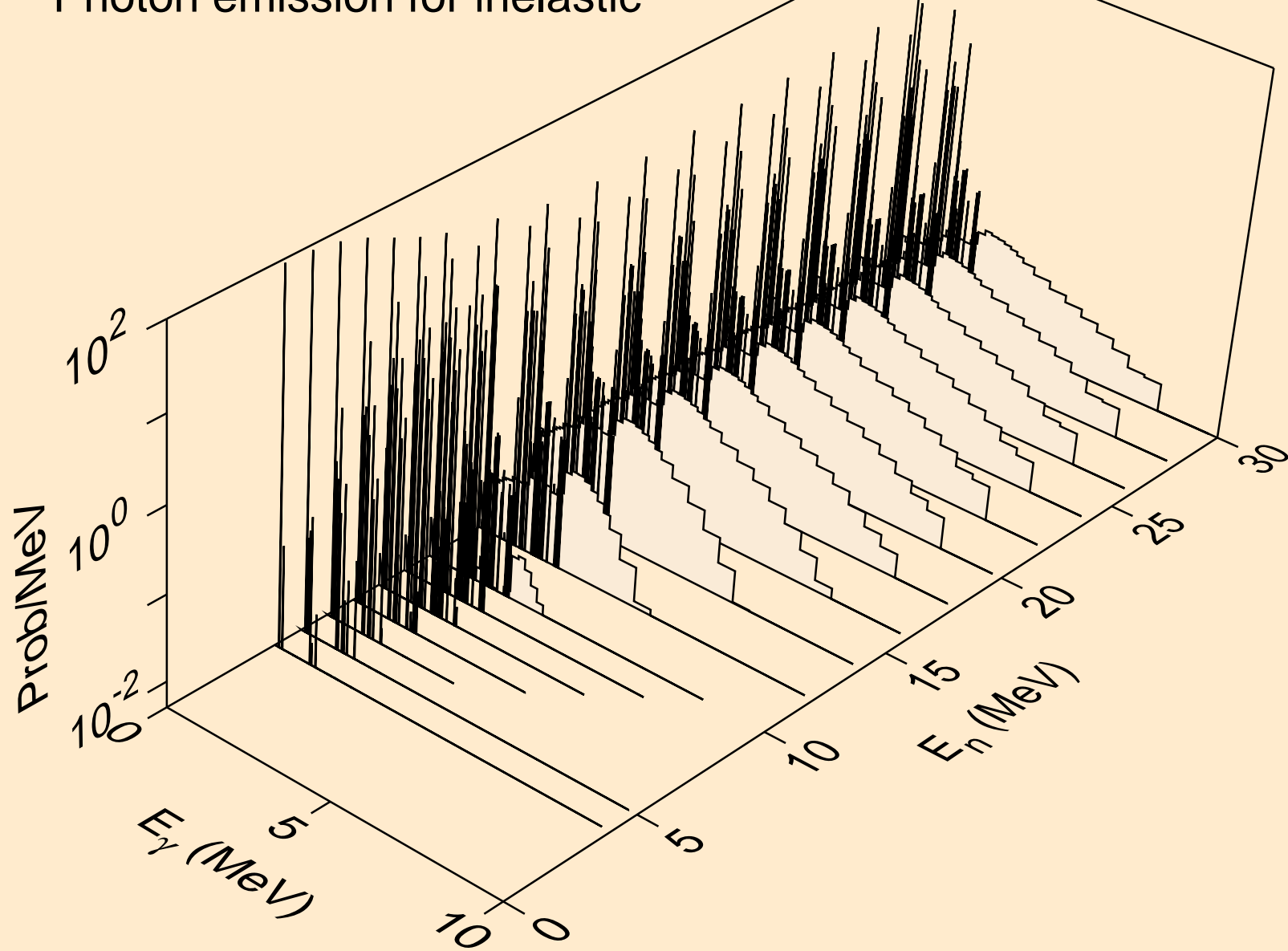
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Photon emission for (n,t)



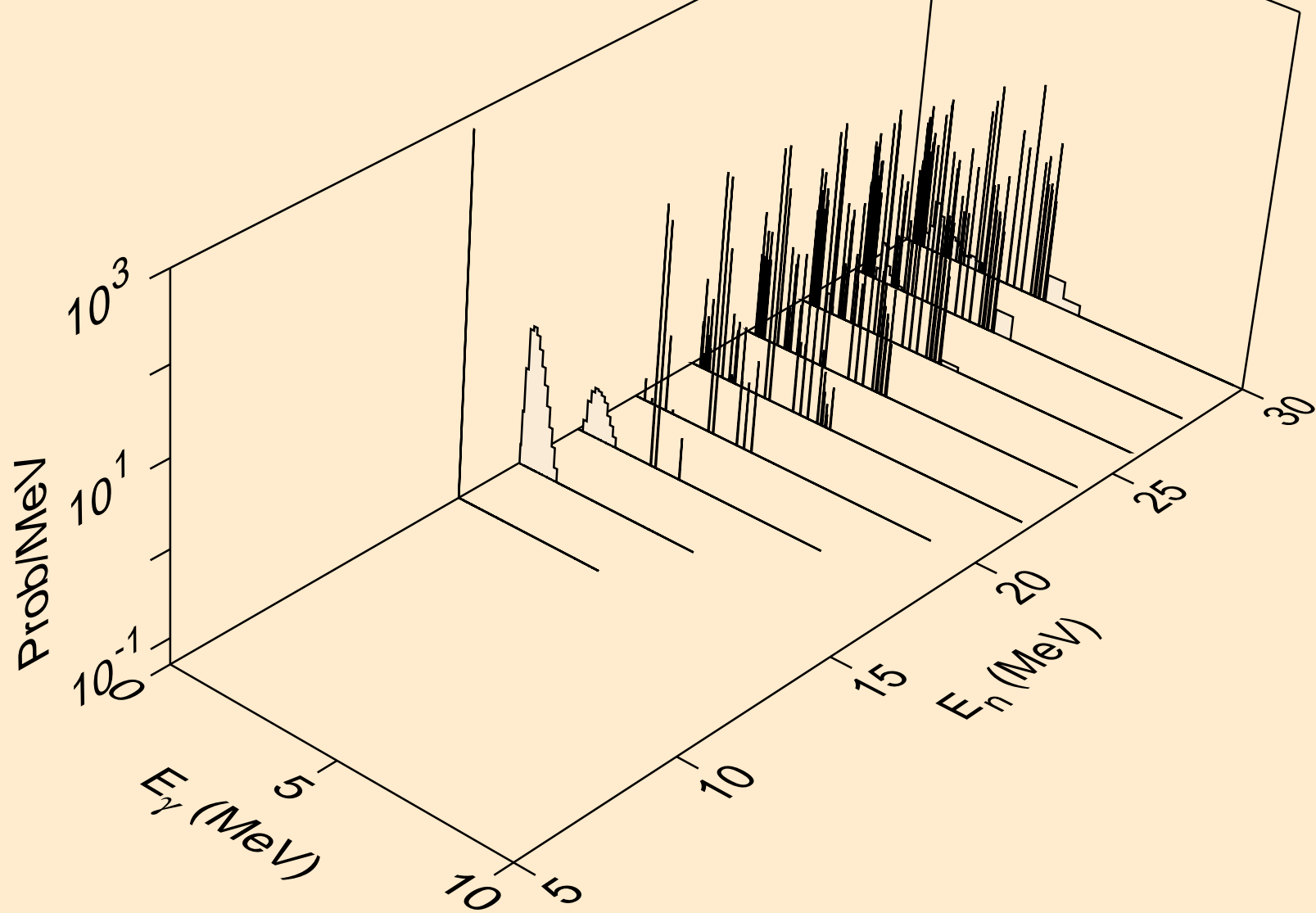
V053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



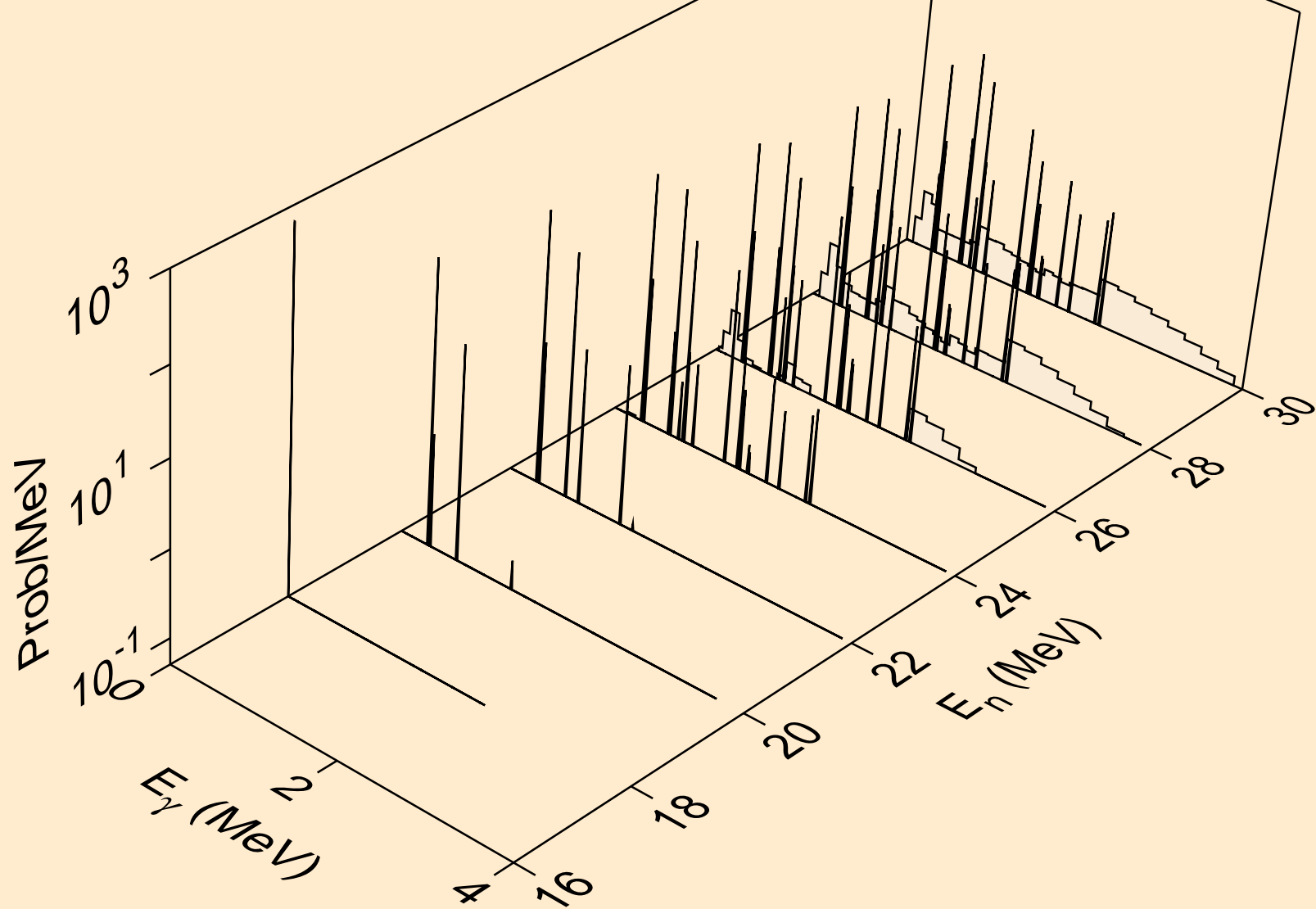
V053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



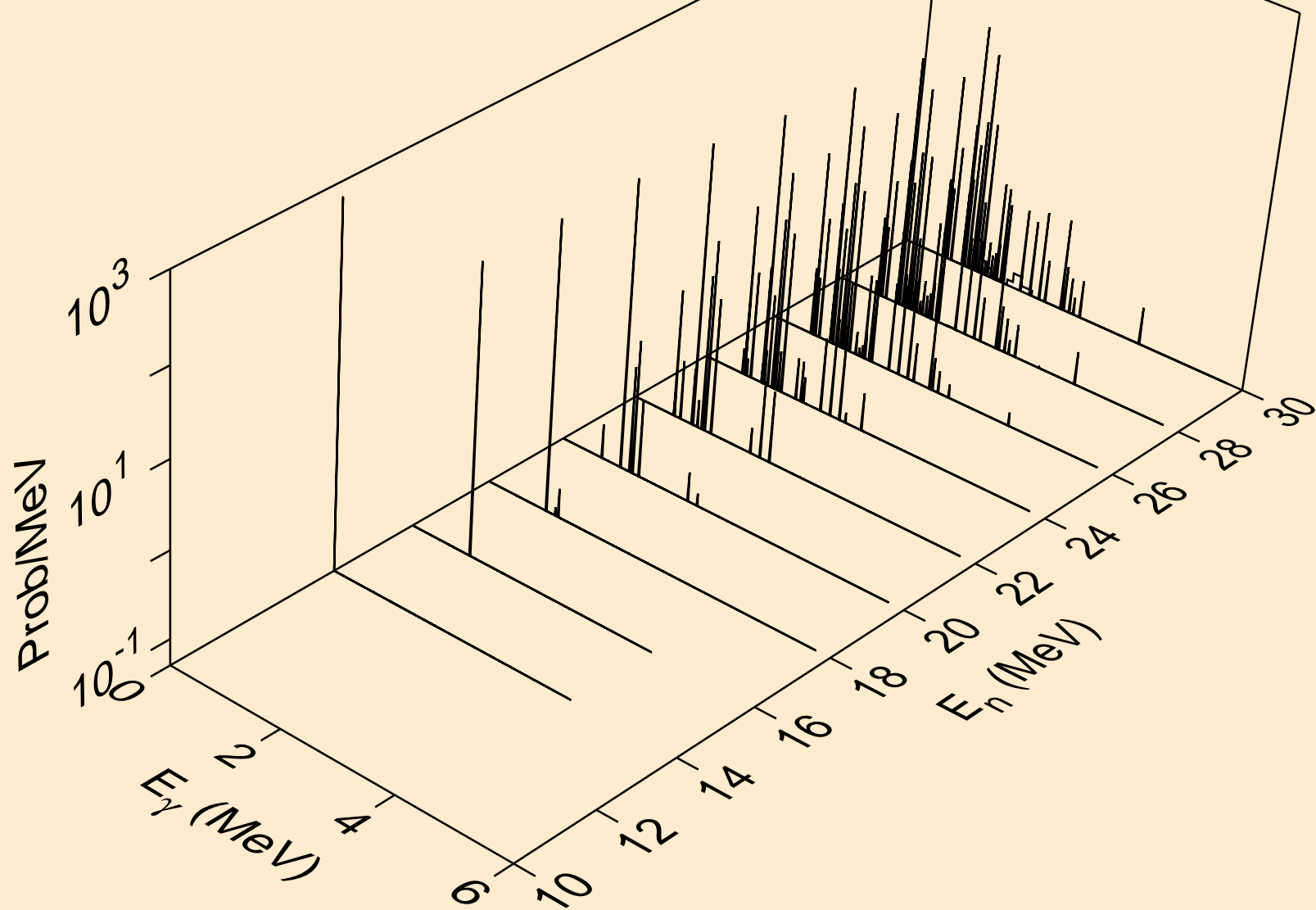
V053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



V053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)

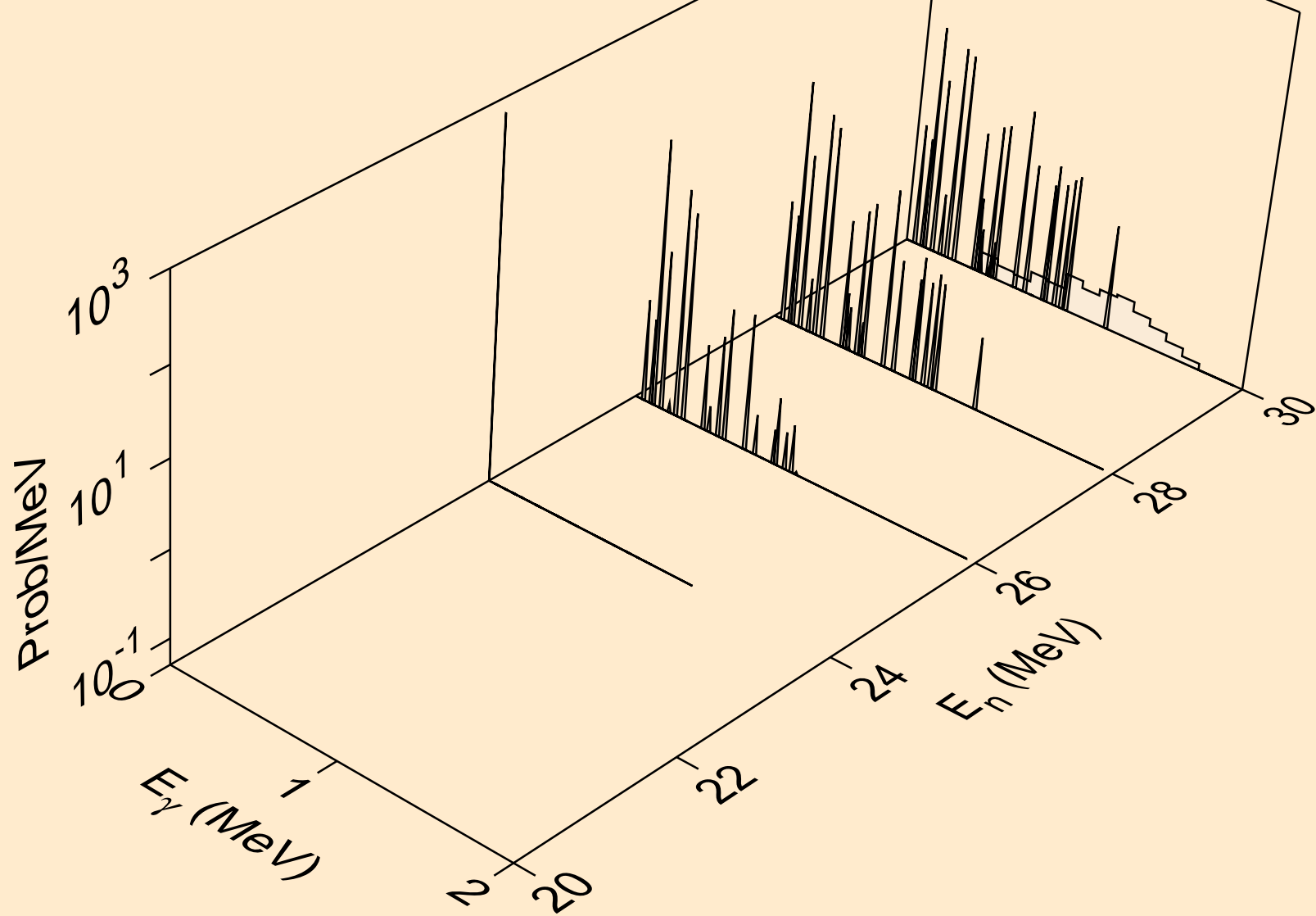


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Photon emission for (n,pa)

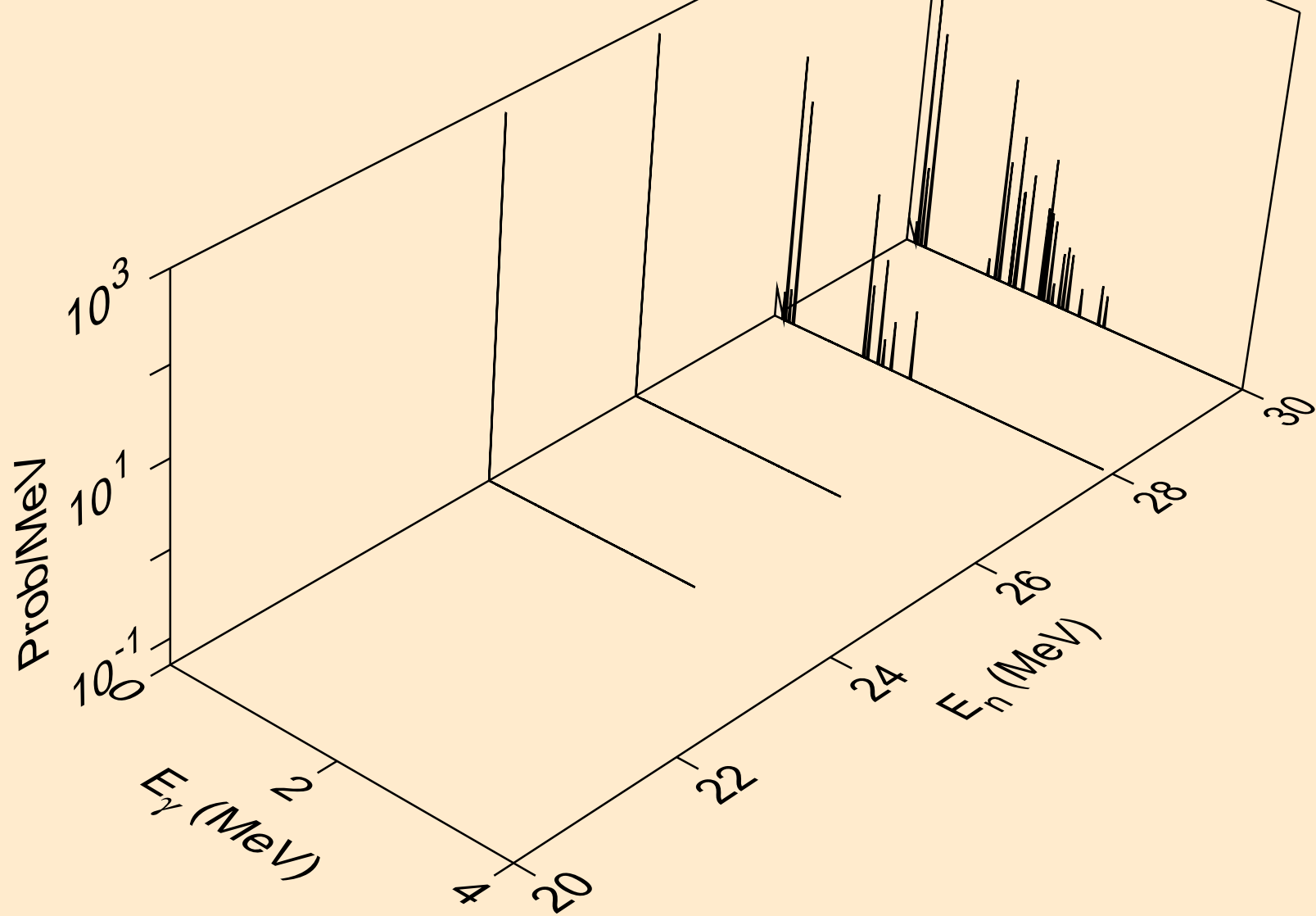




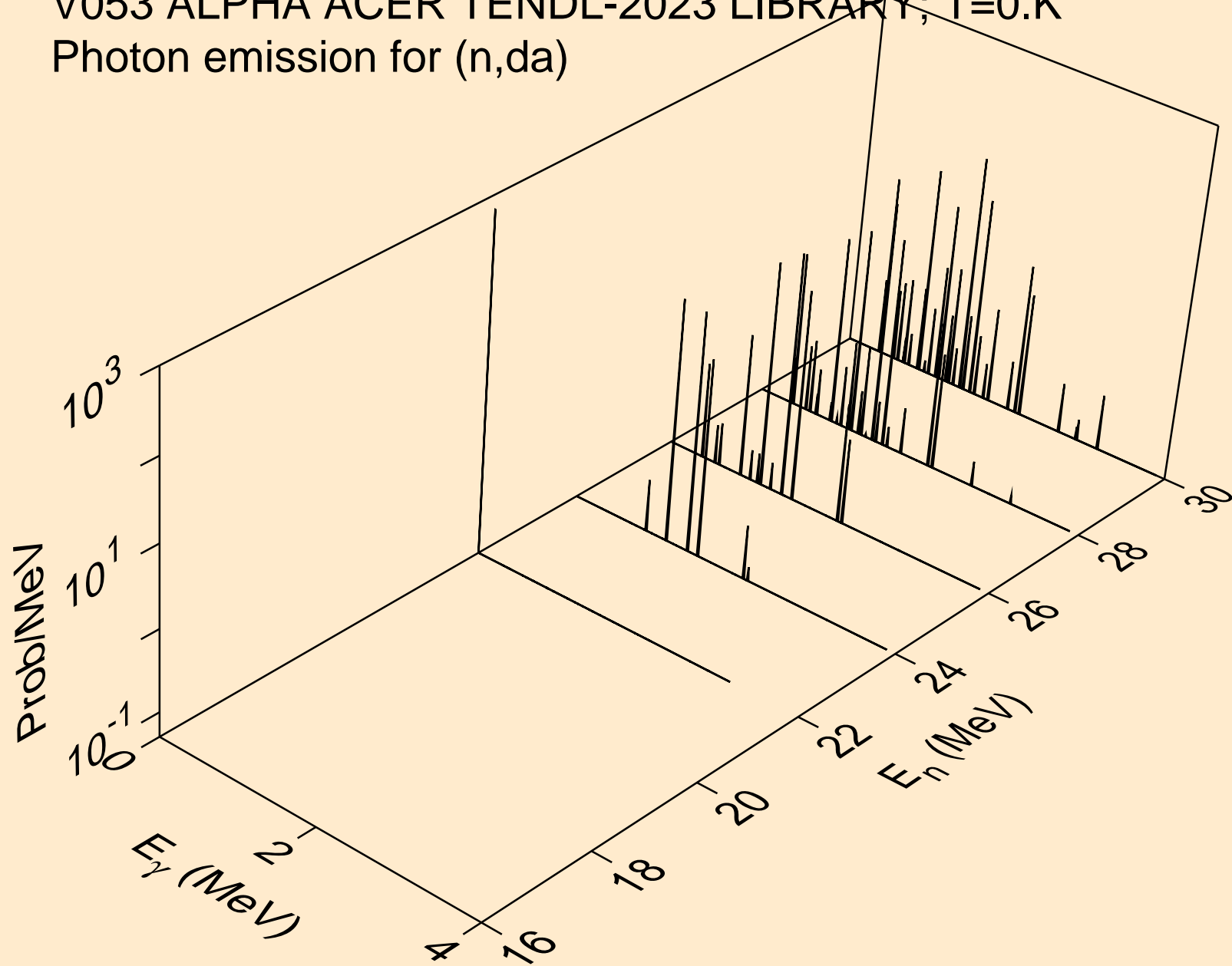
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Photon emission for (n,pd)



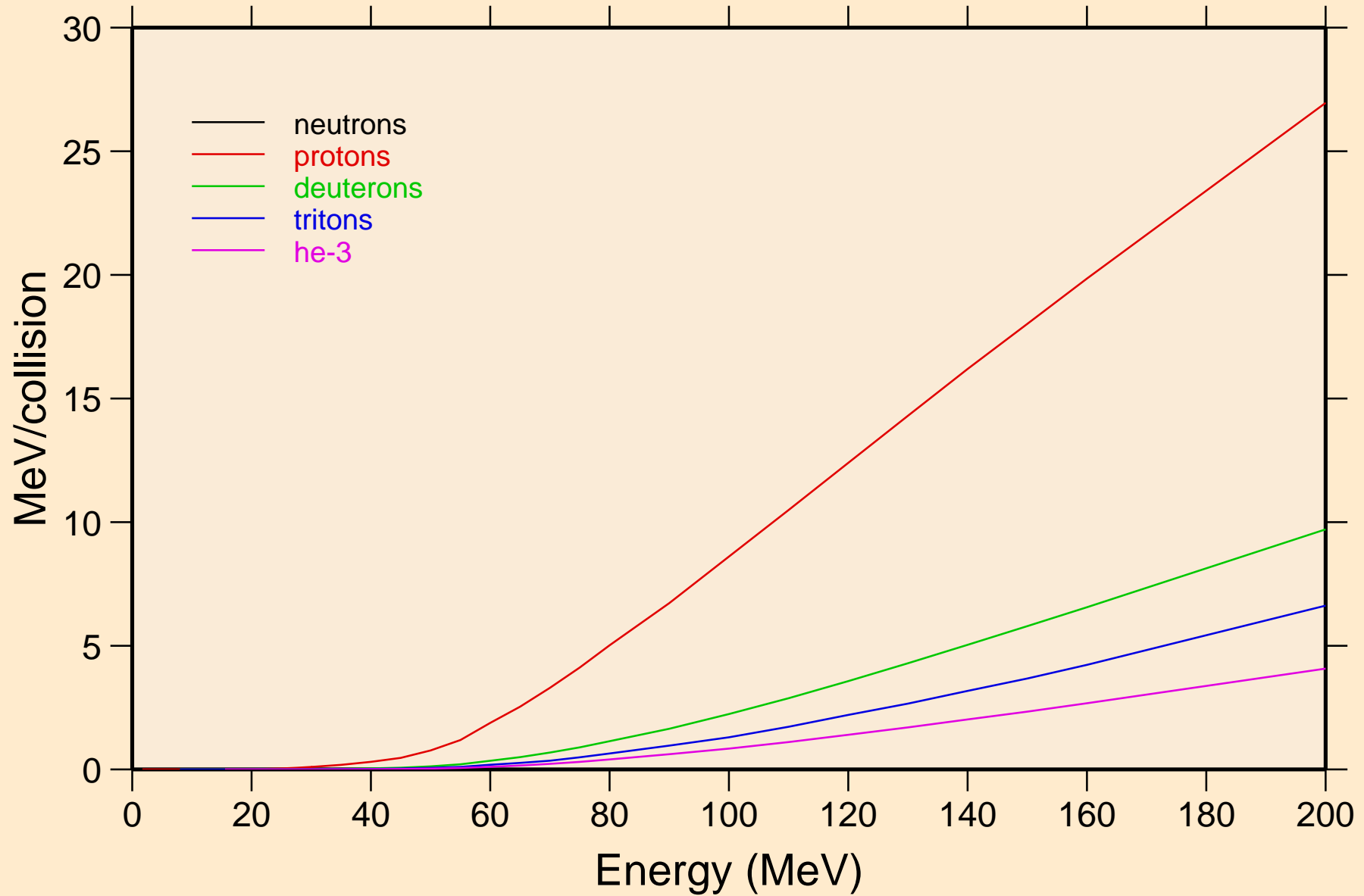
V053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



V053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)

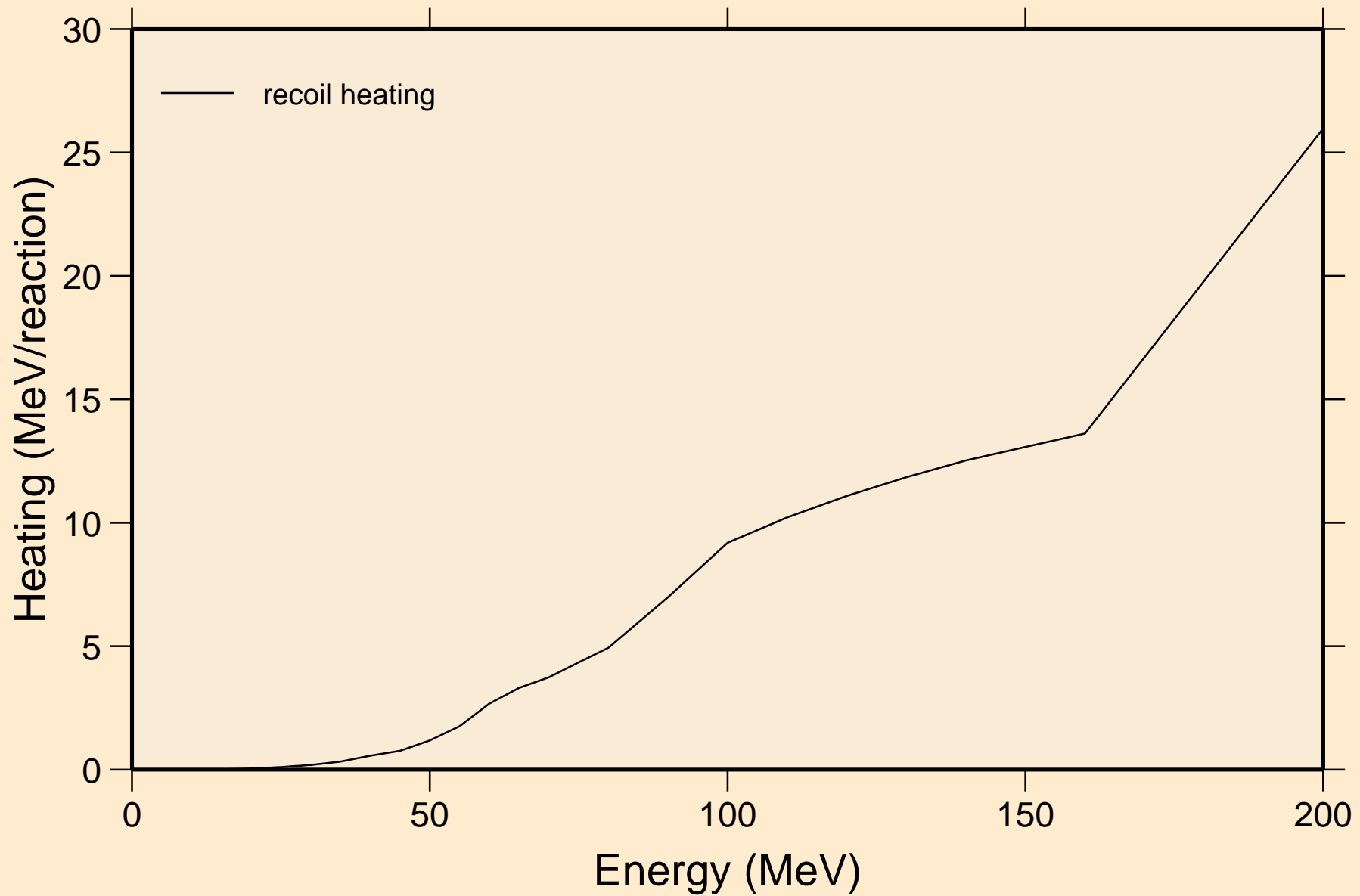


V053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions

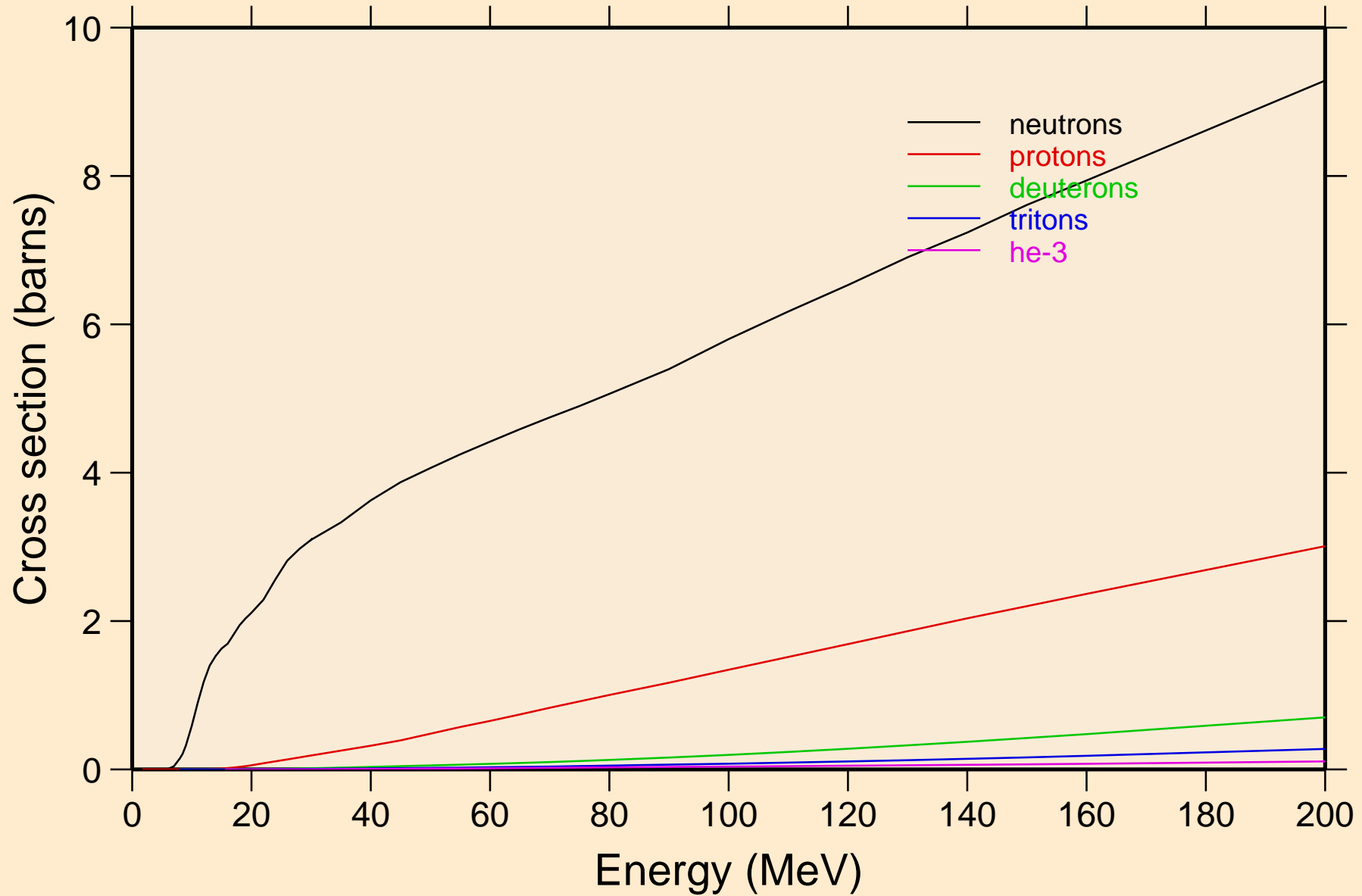


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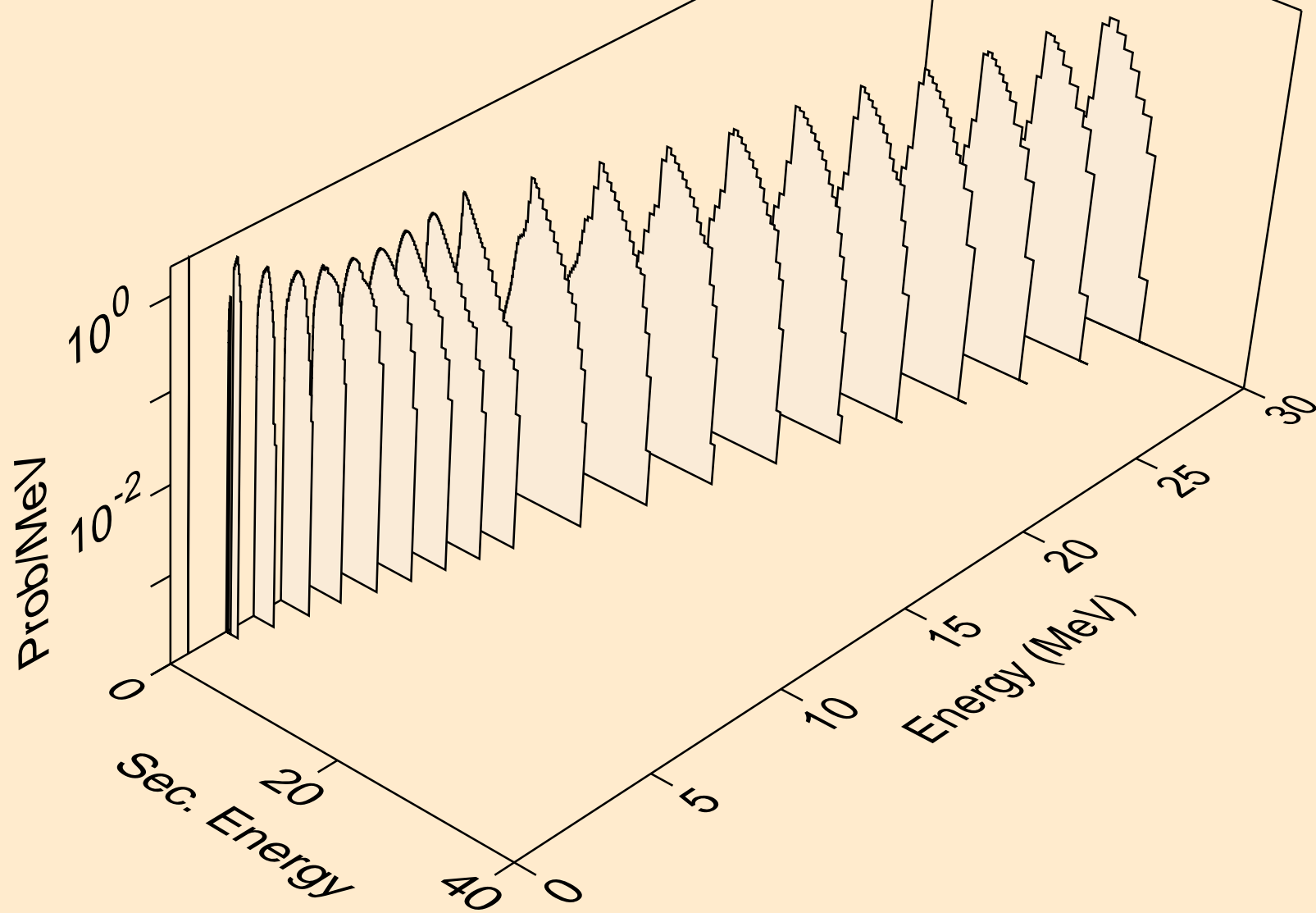
Recoil Heating



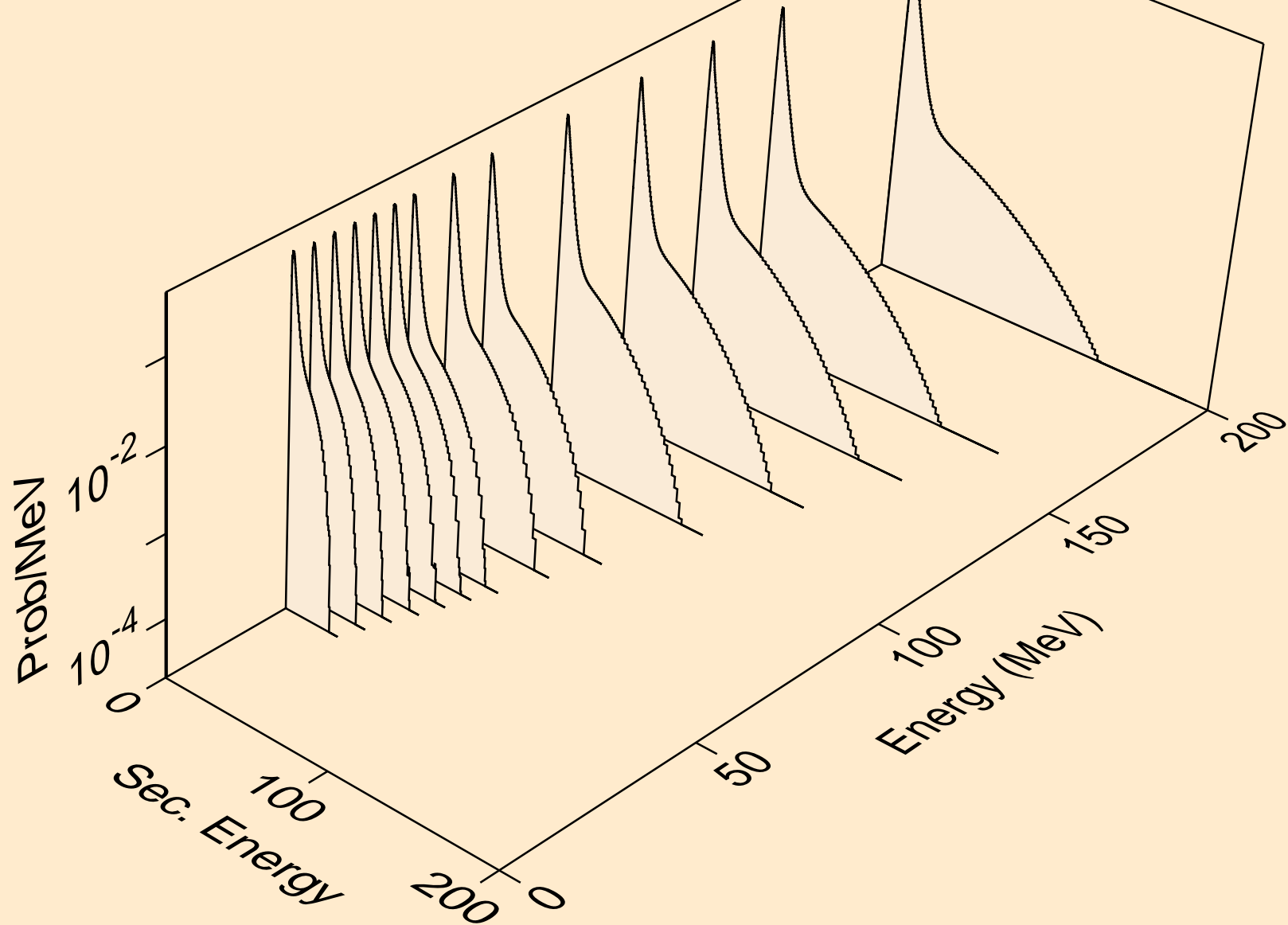
V053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



V053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)

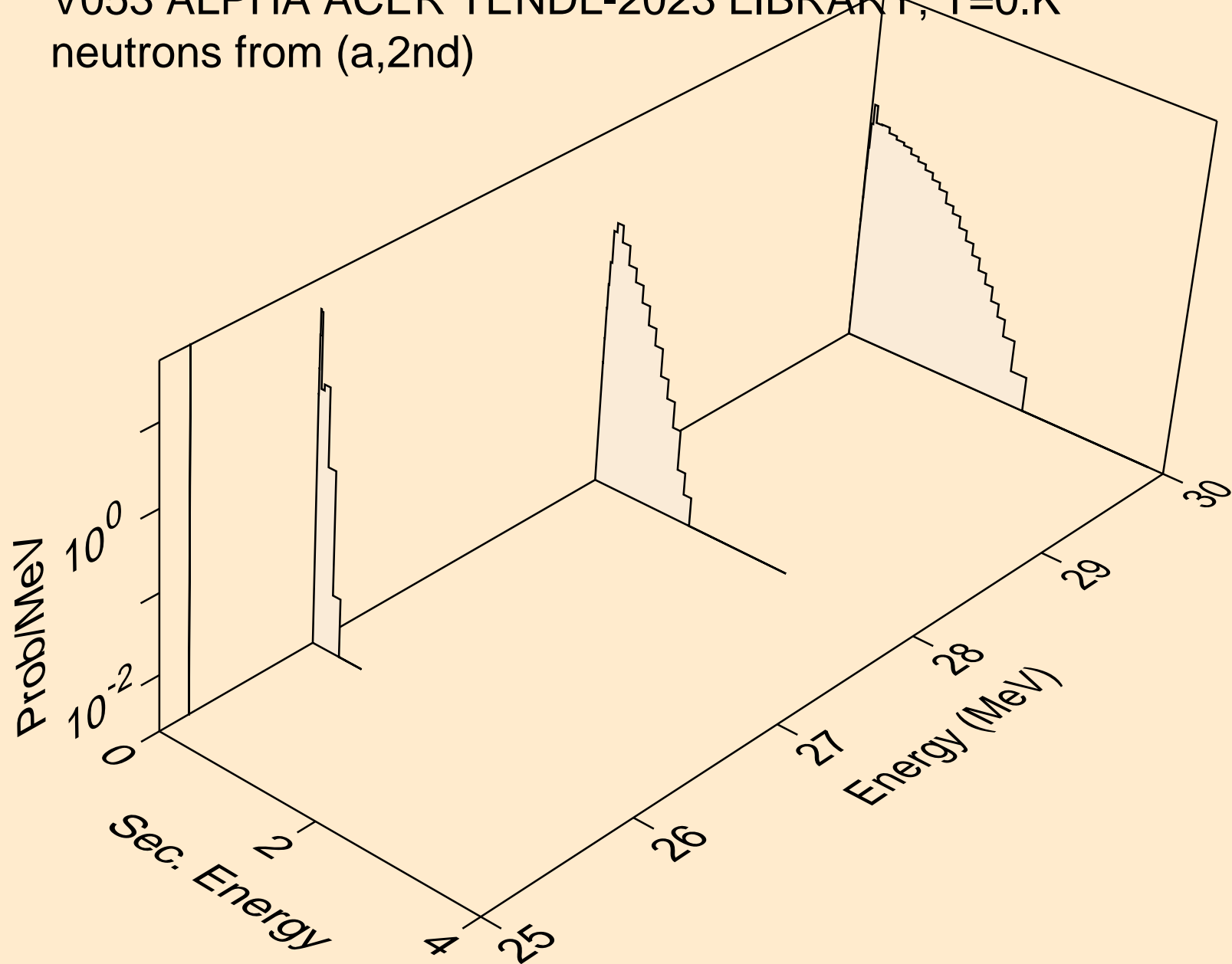


V053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)

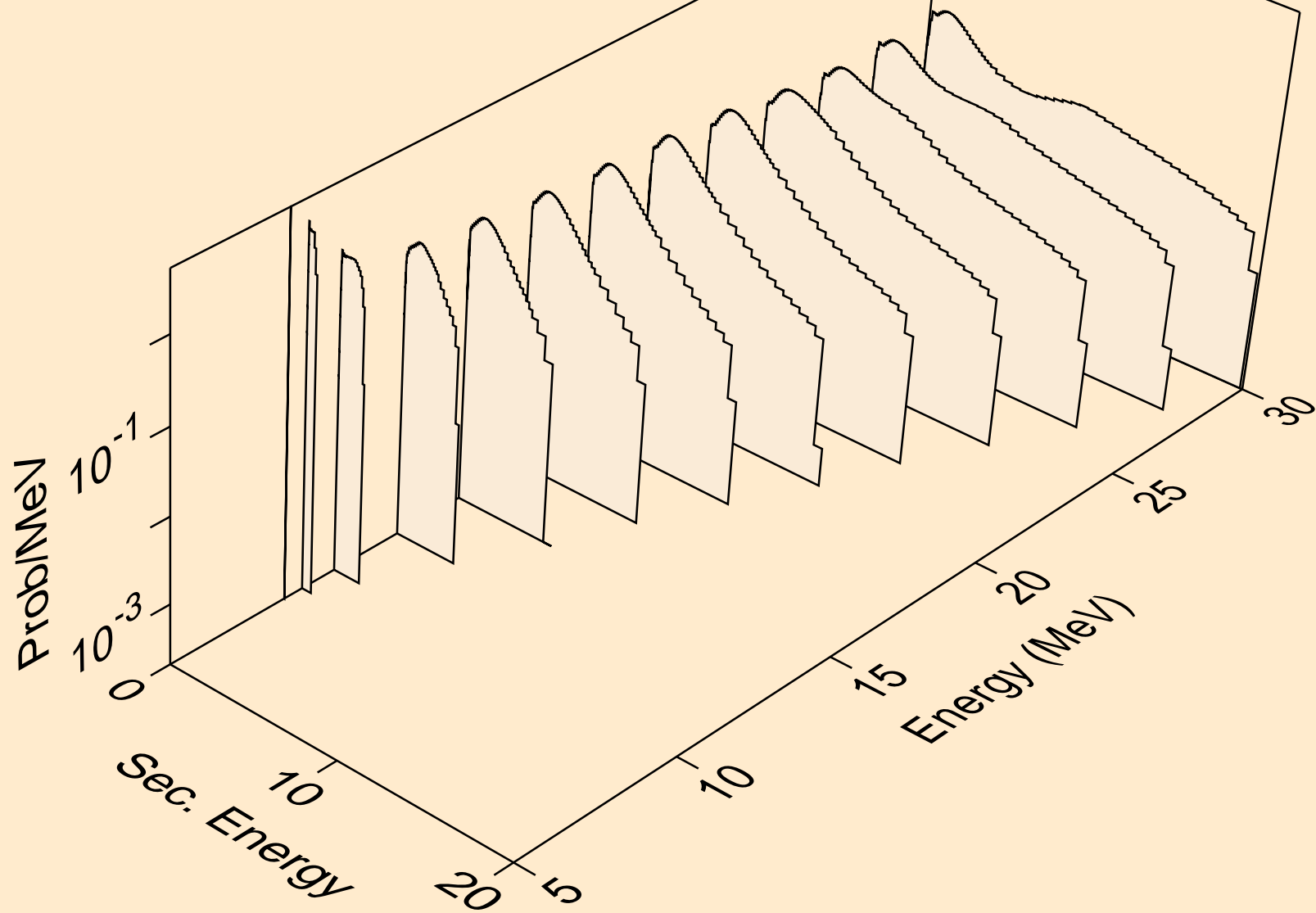




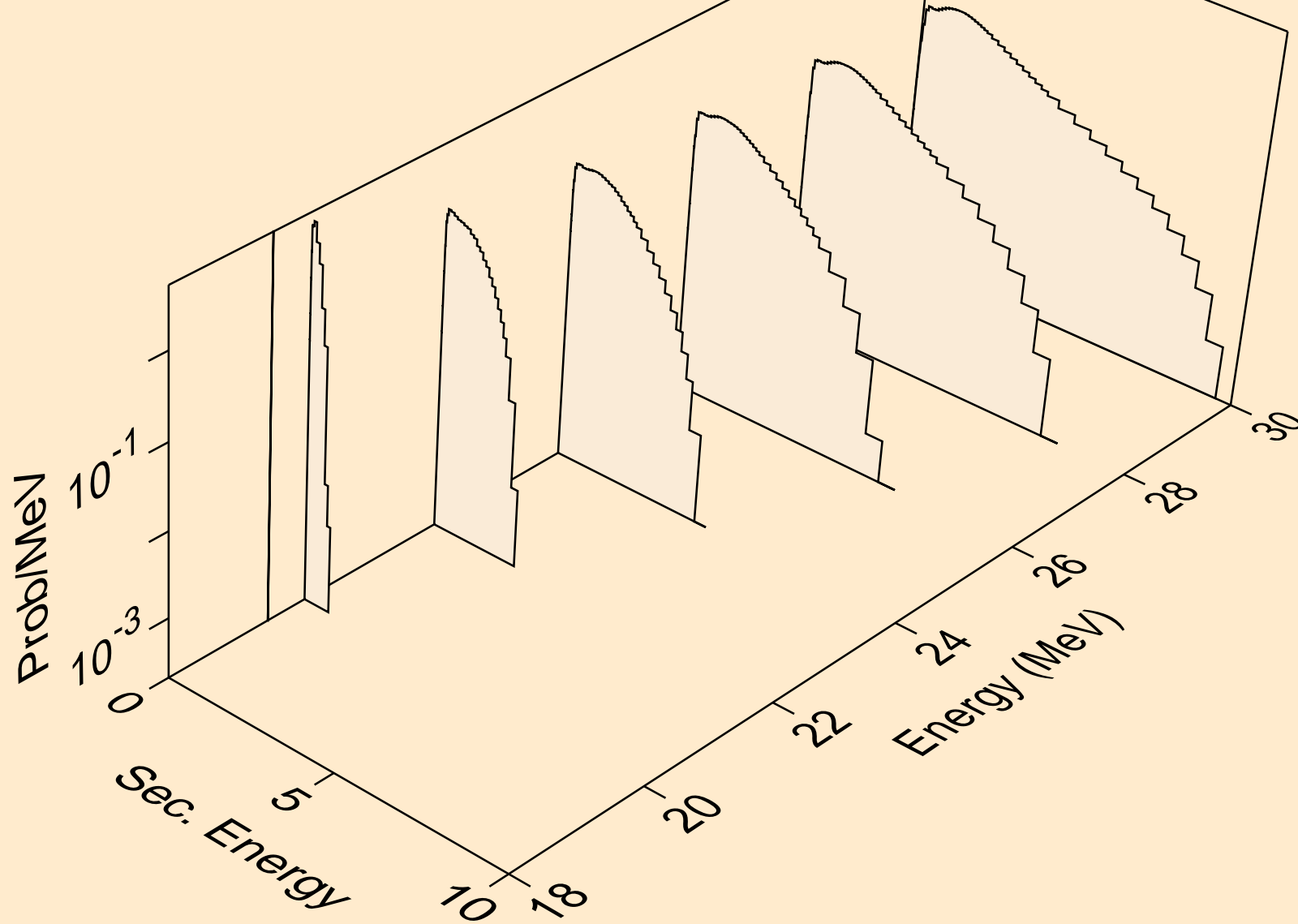
V053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2nd)



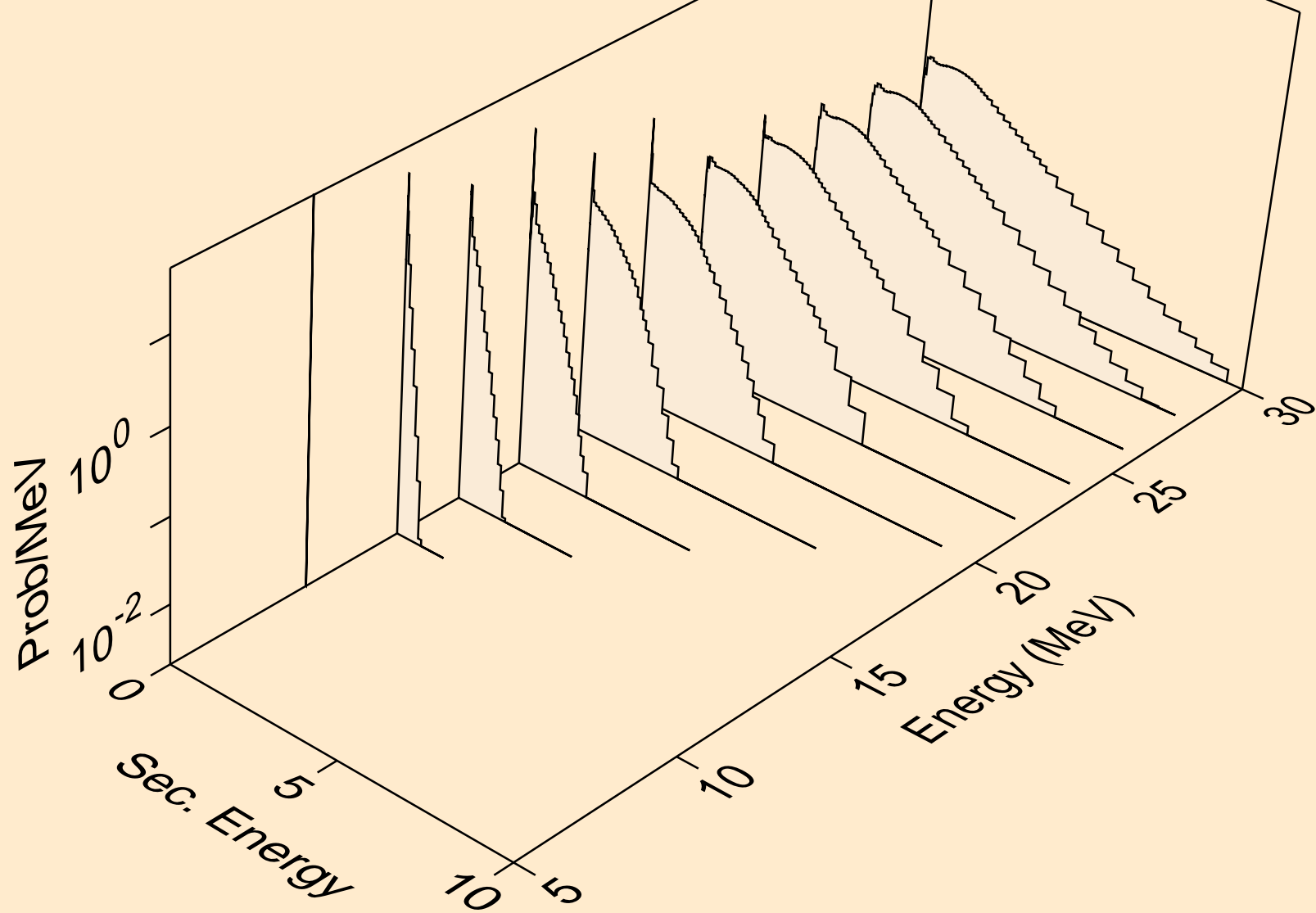
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neutrons from (a,2n)



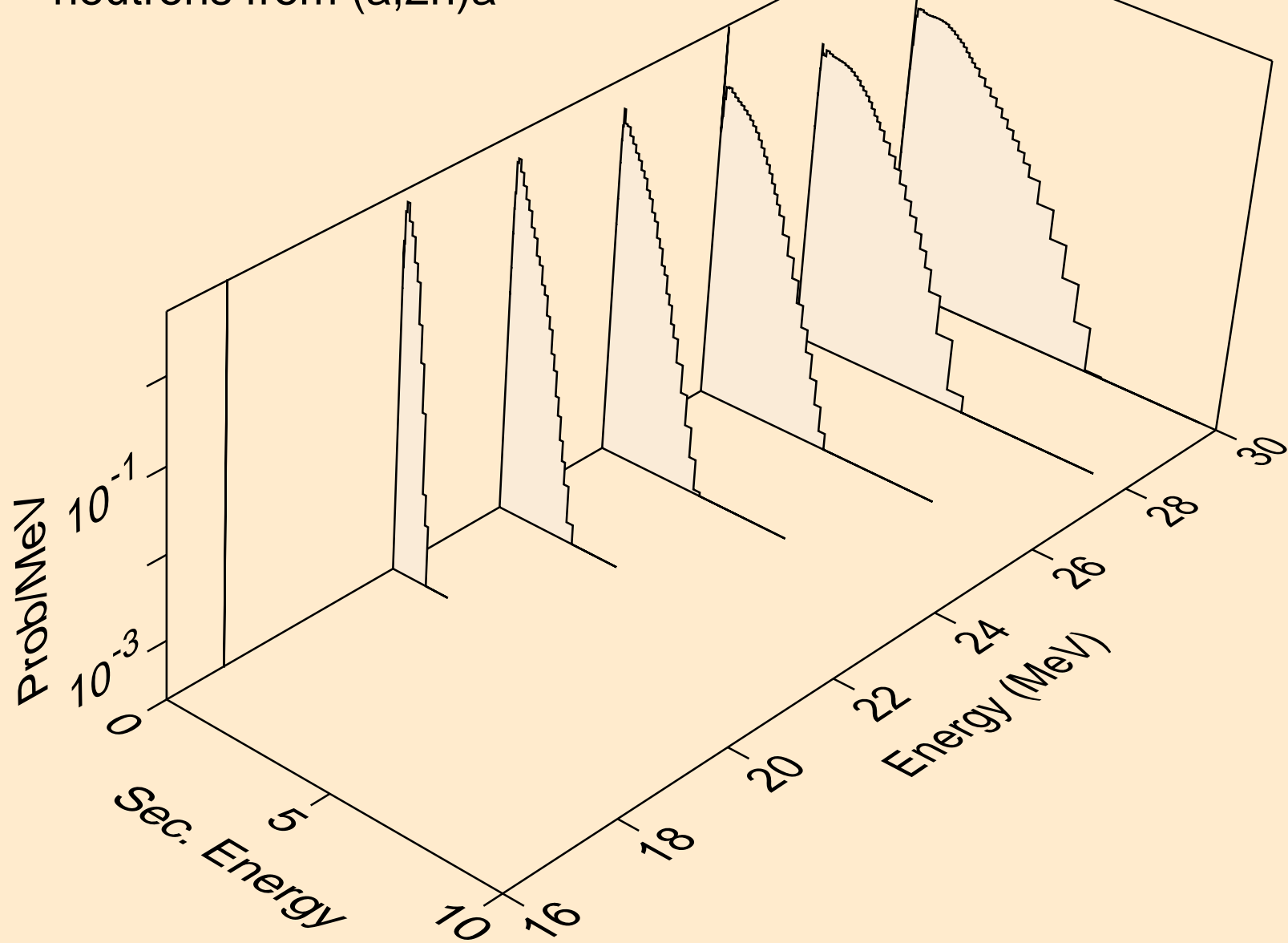
V053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3n)



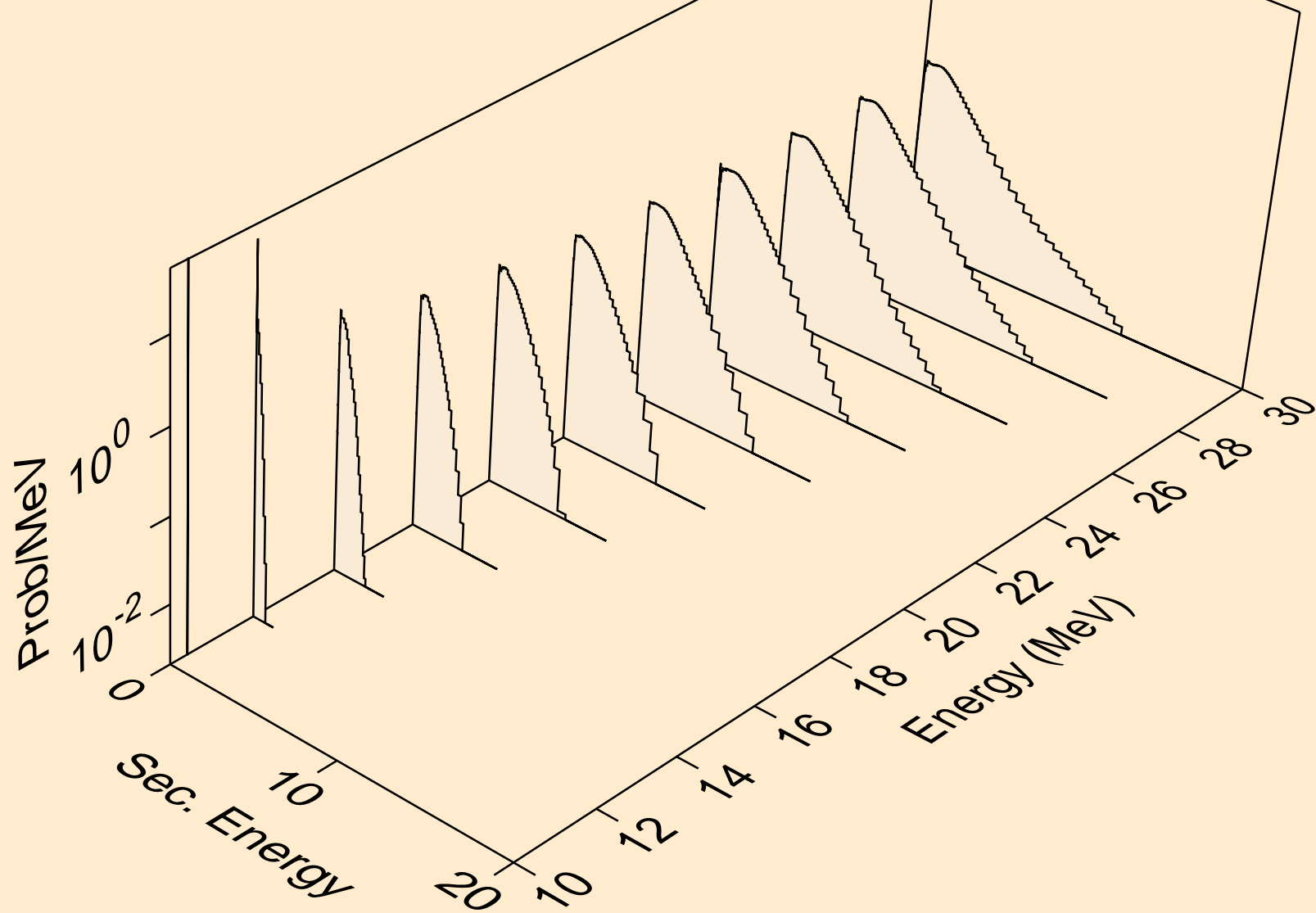
V053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a



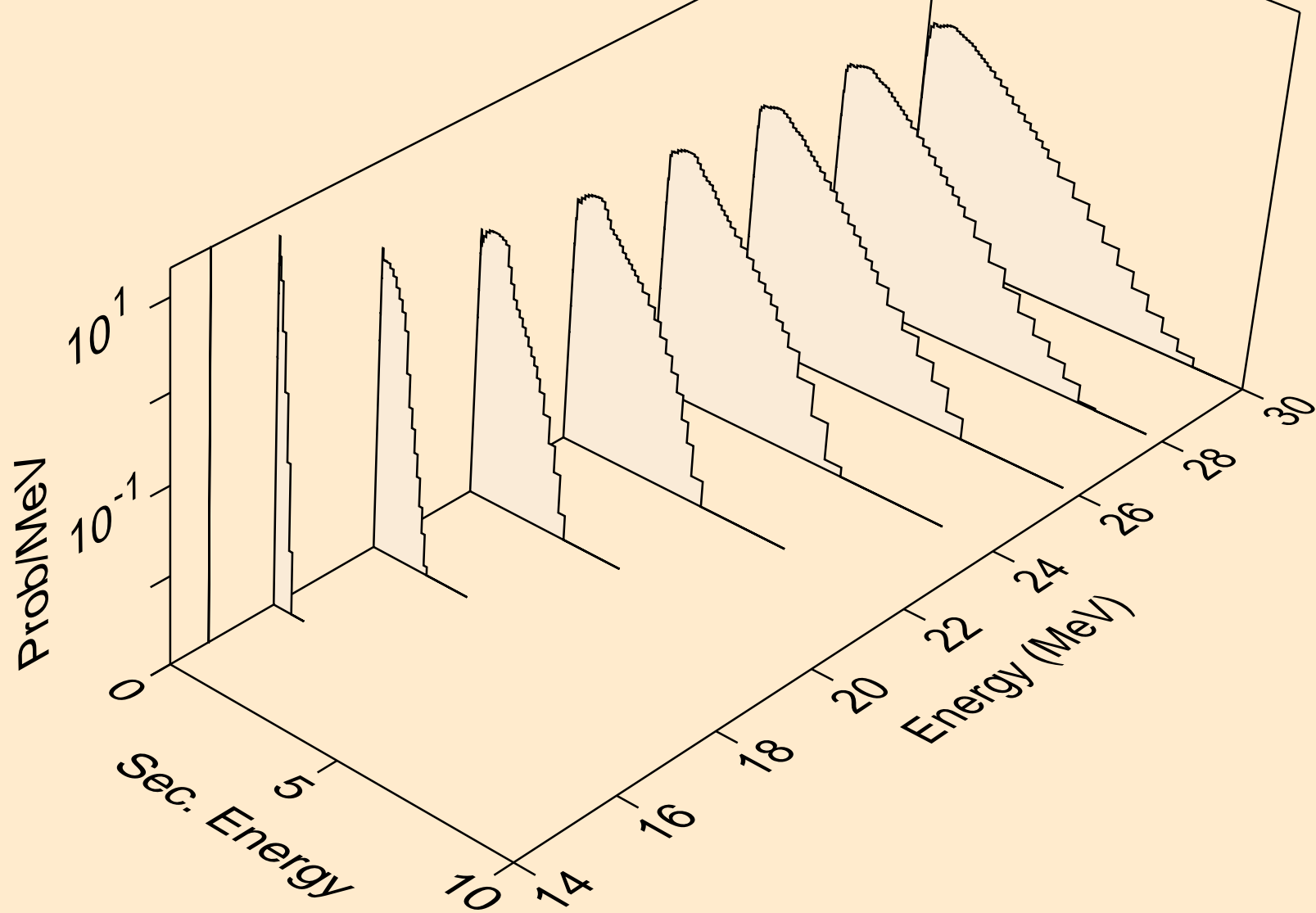
V053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)a



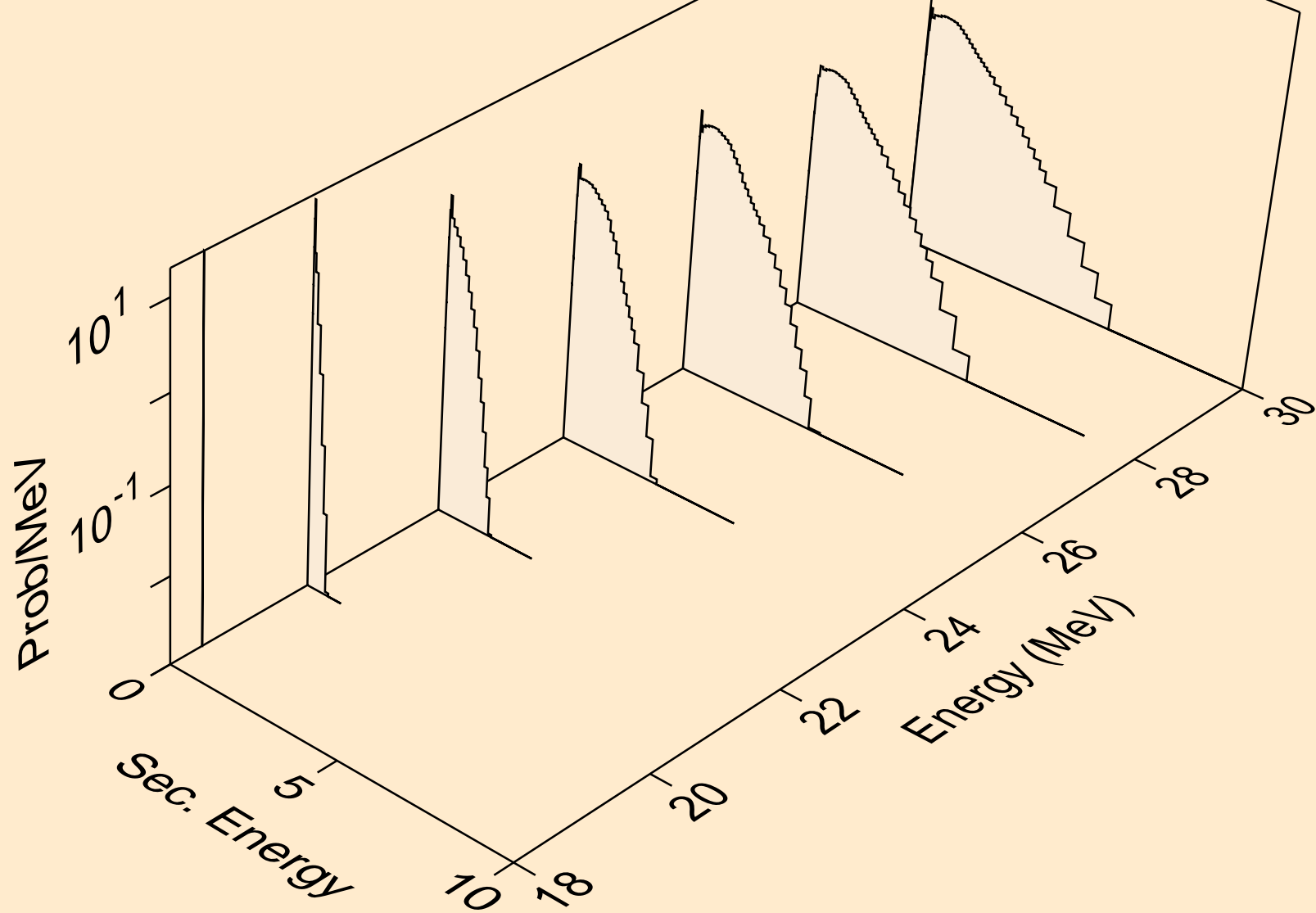
V053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)p



V053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)d

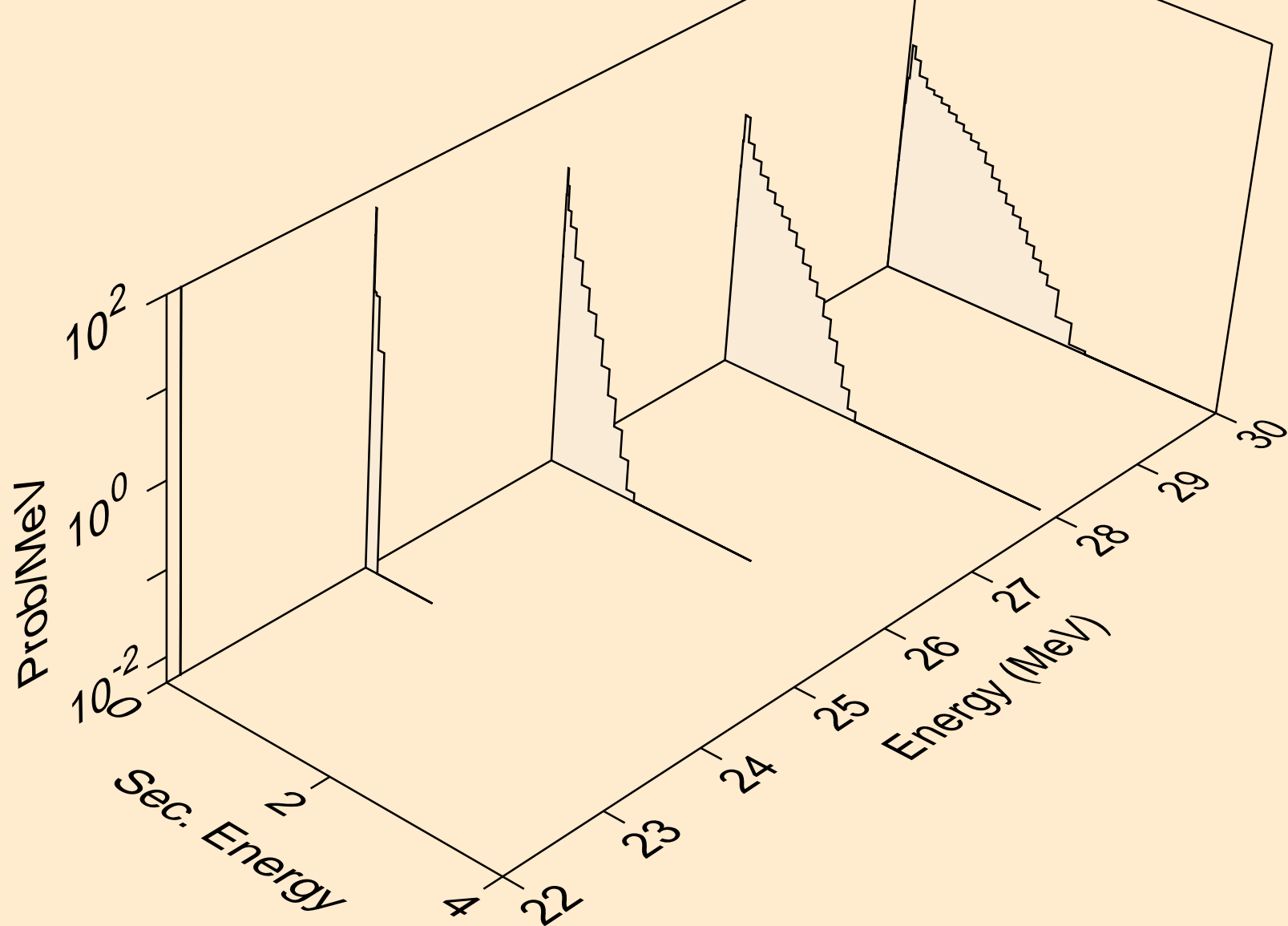


V053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)t

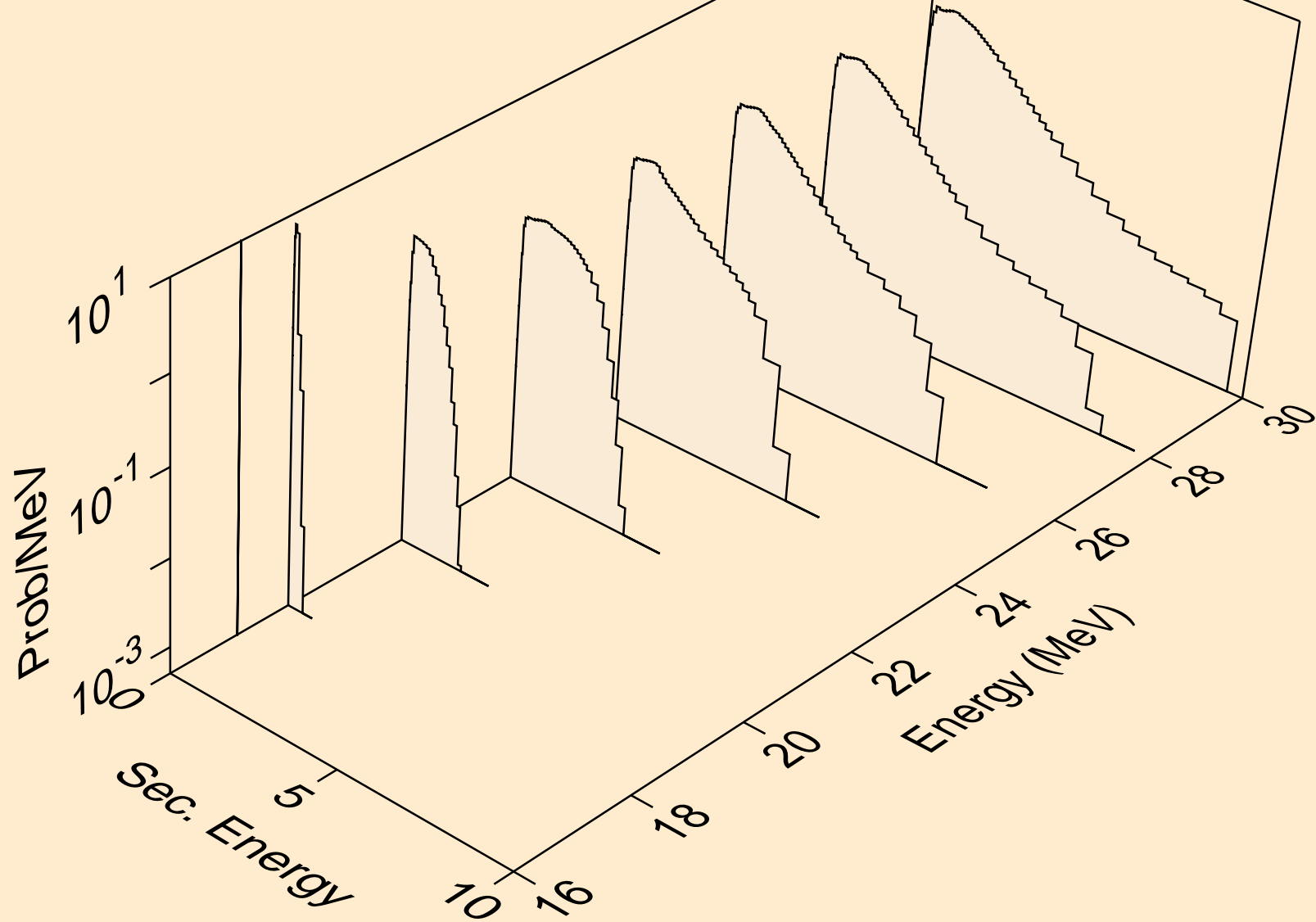




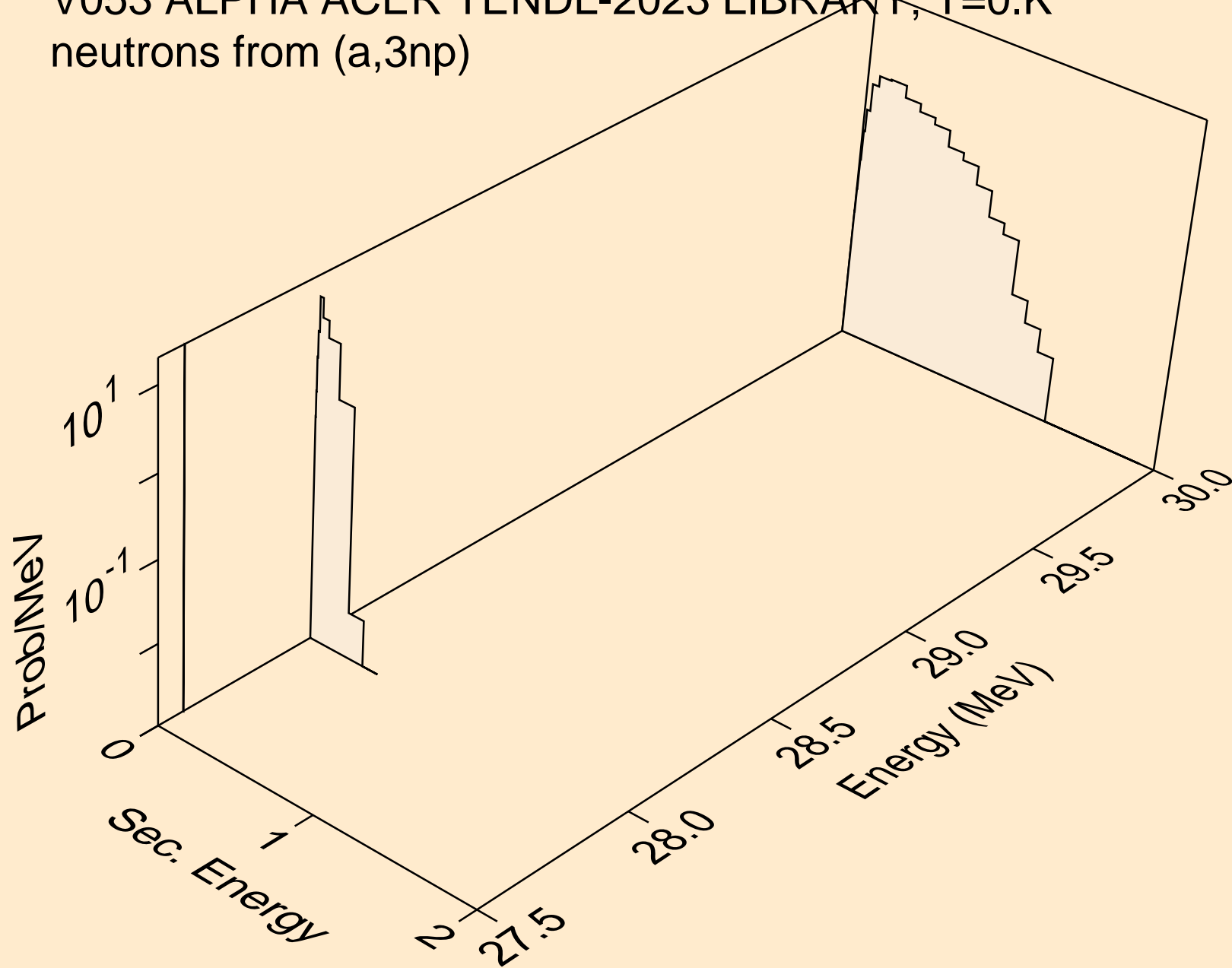
V053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)he3



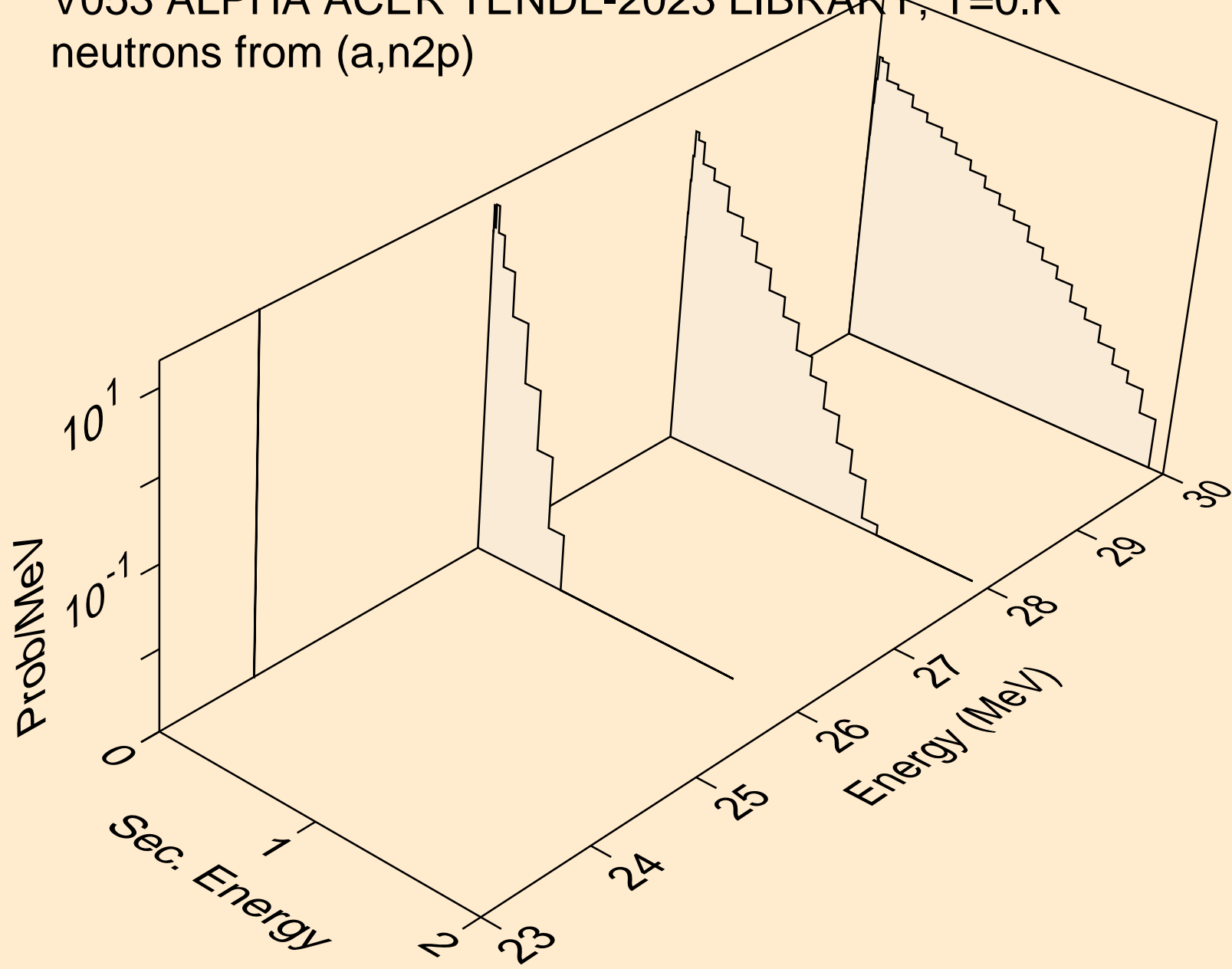
V053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2np)



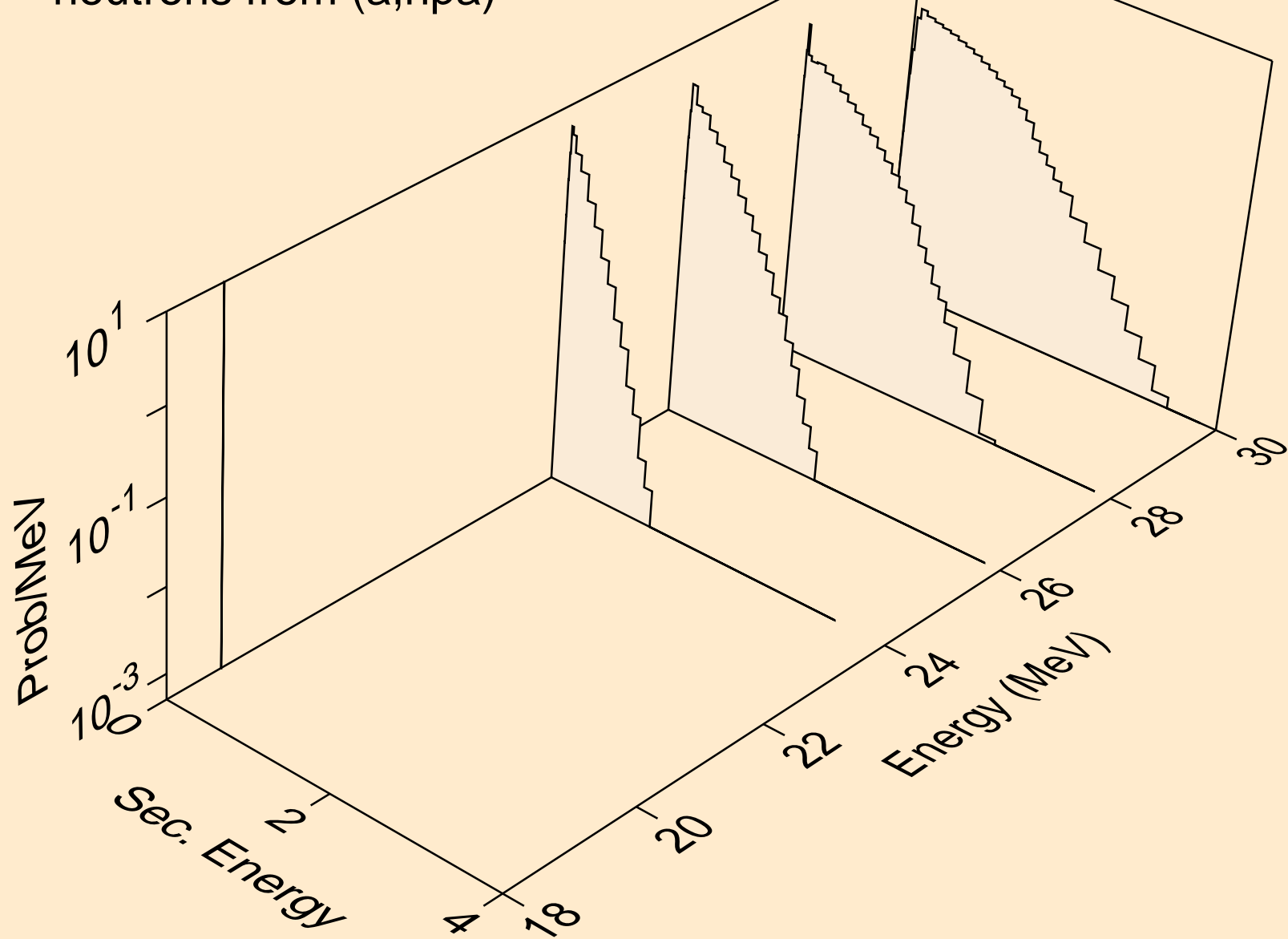
V053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3np)



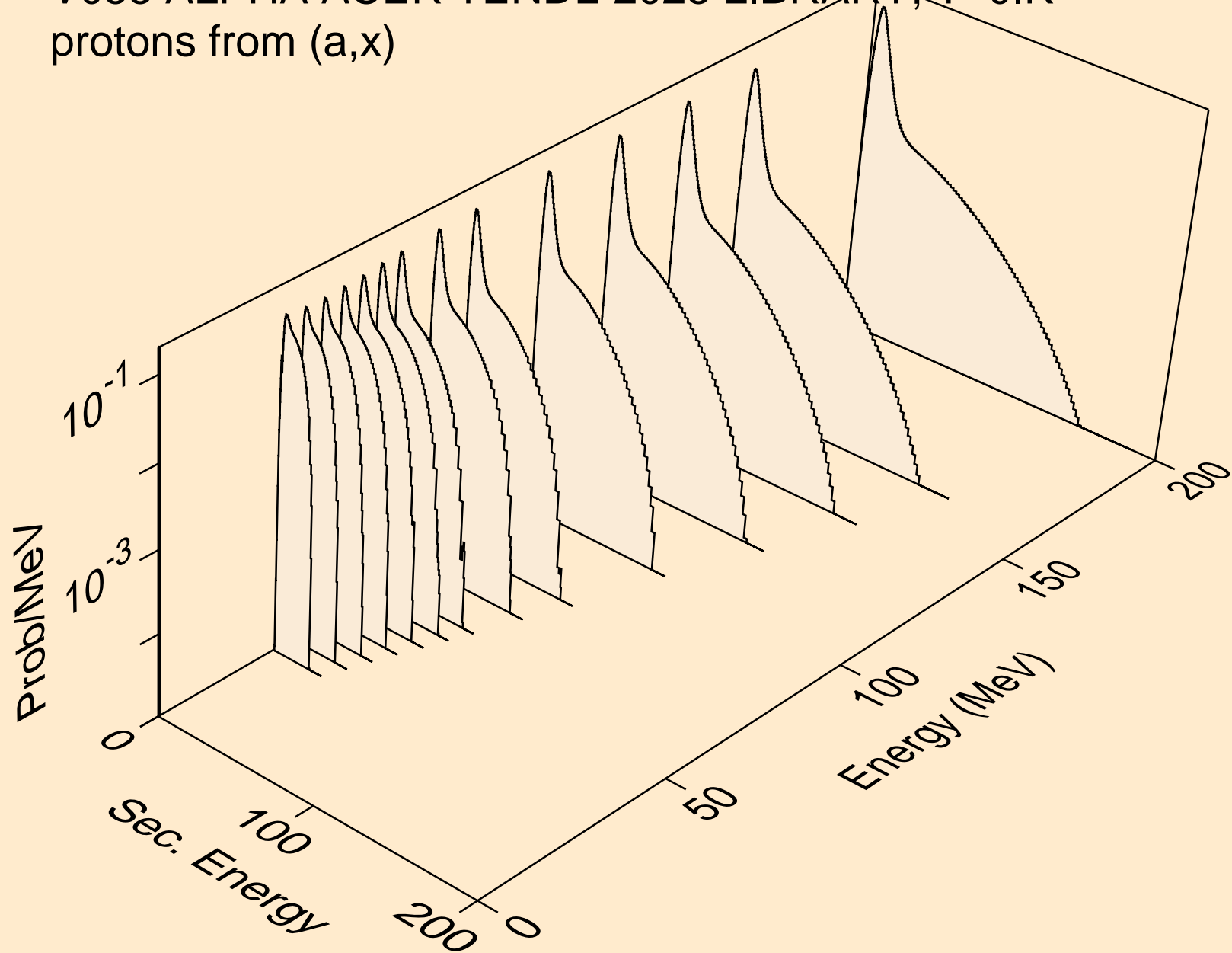
V053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n2p)



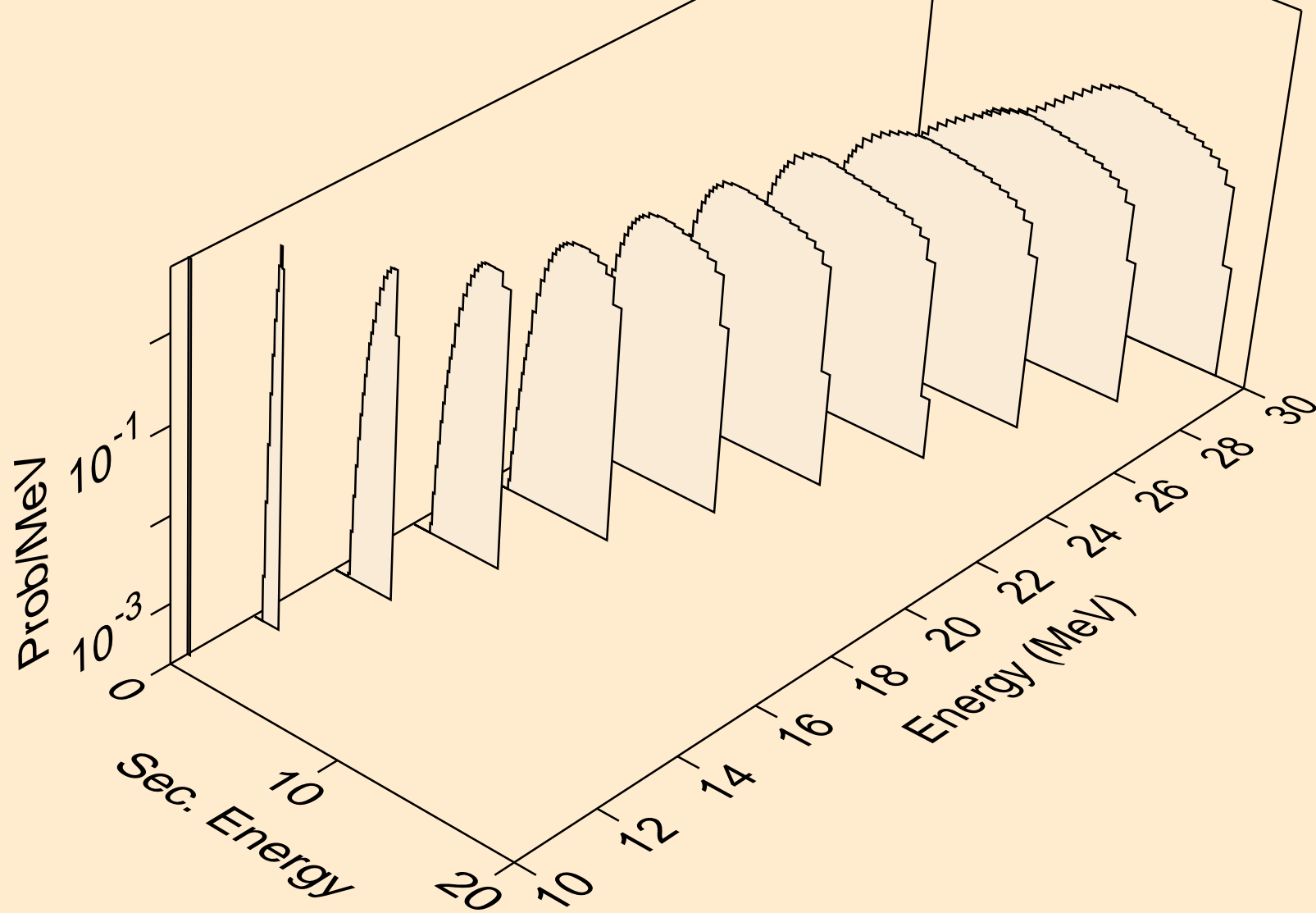
V053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,npa)



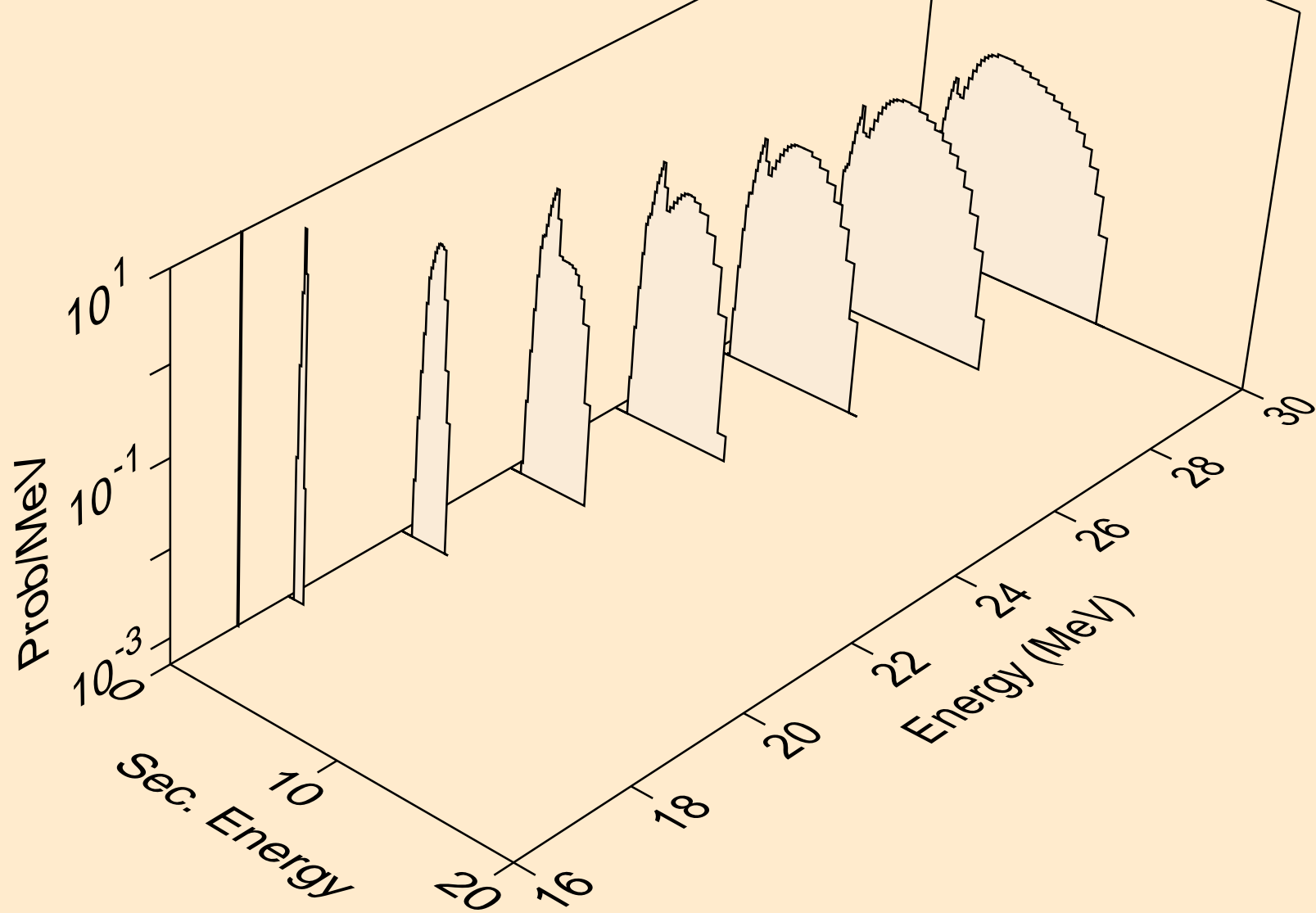
V053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,x)



V053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n\*)p

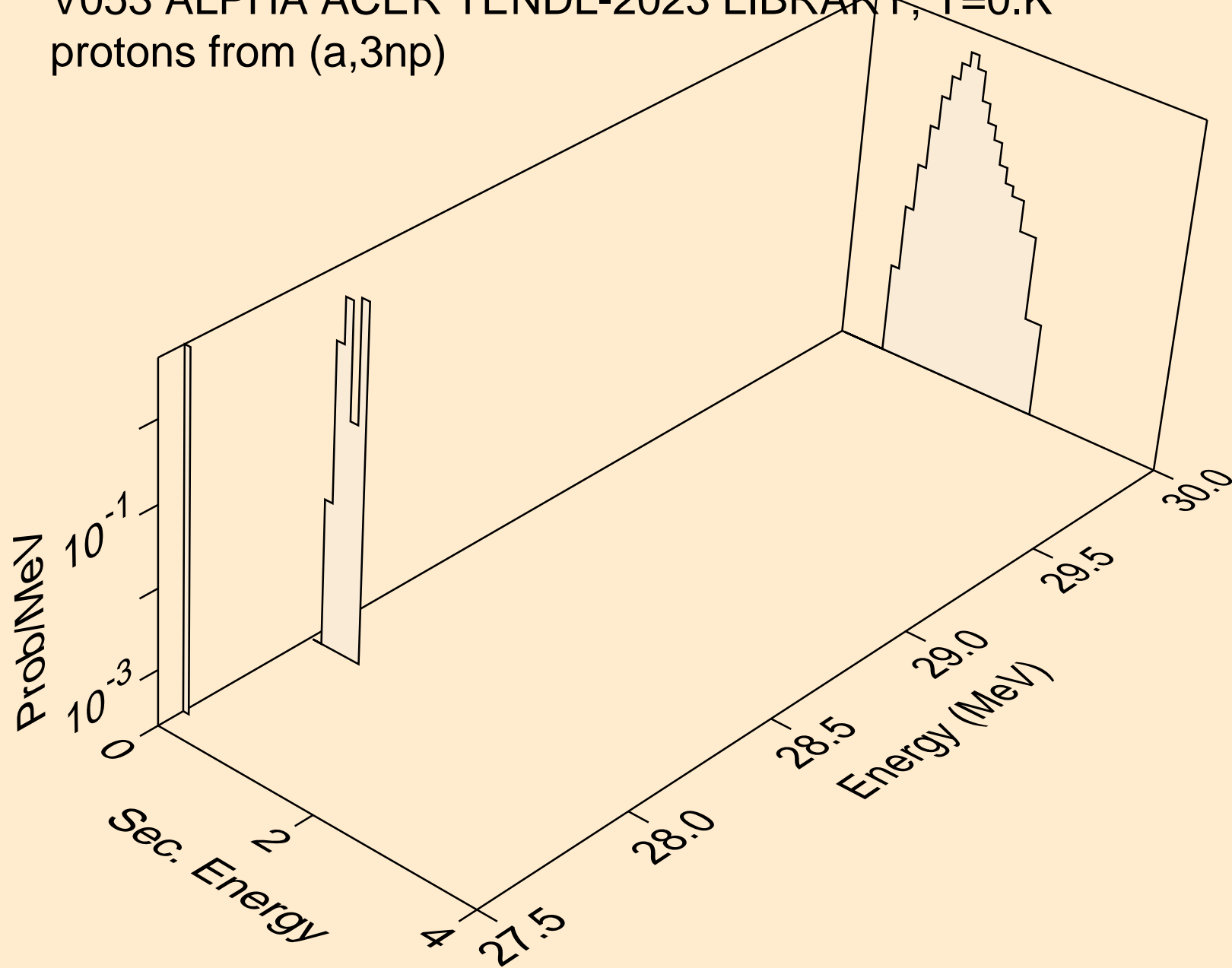


V053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2np)

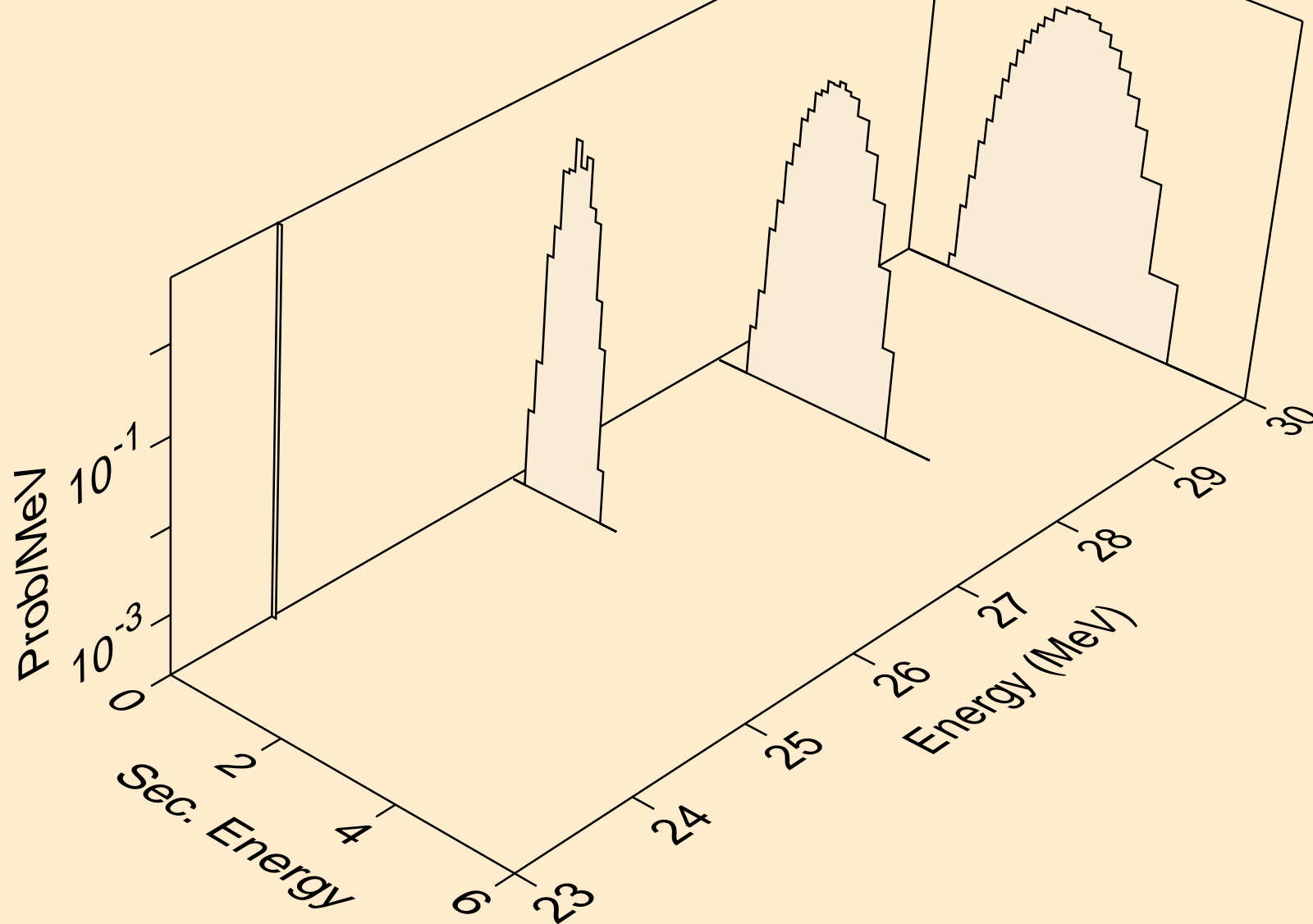




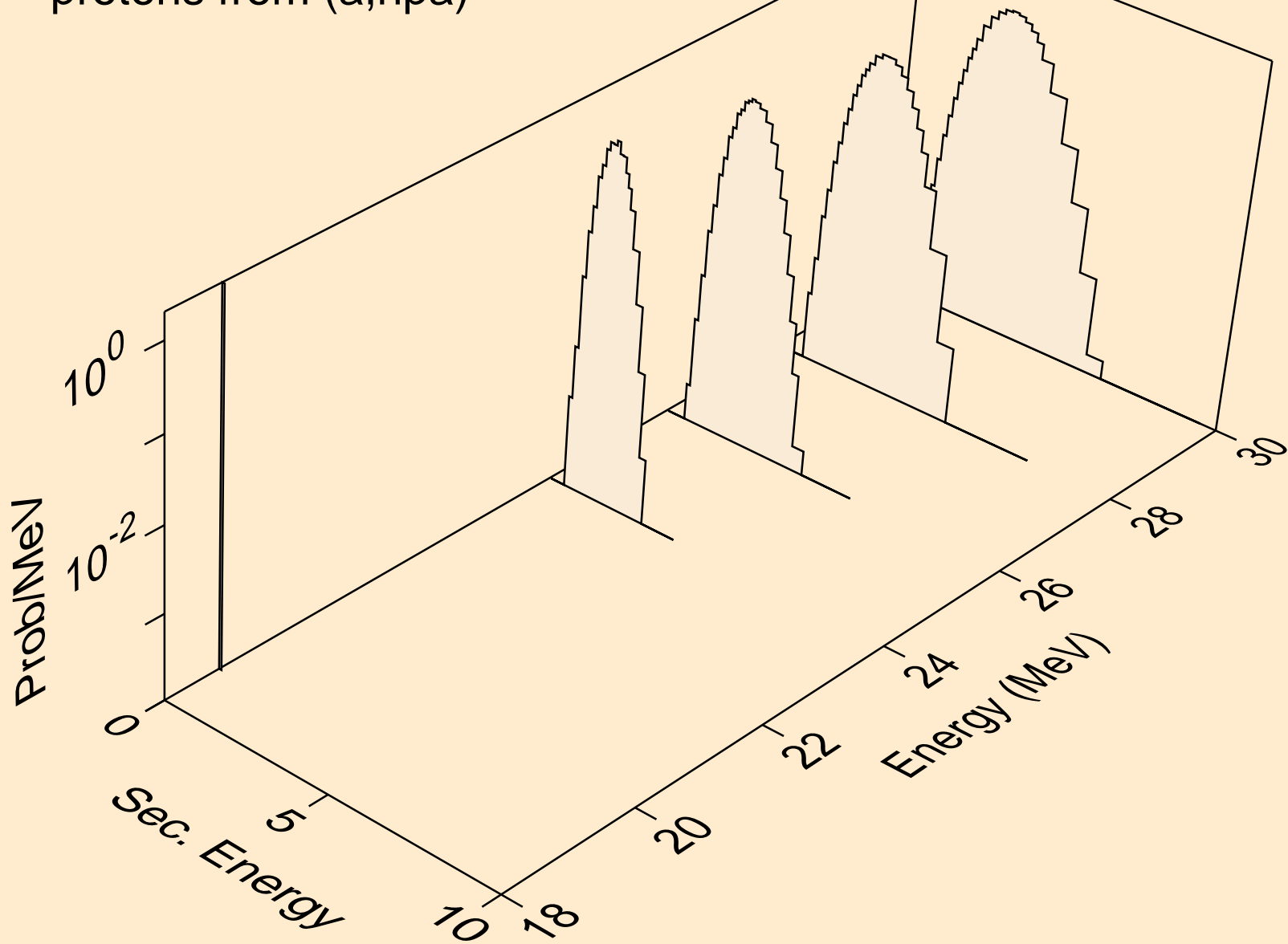
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protons from (a,3np)



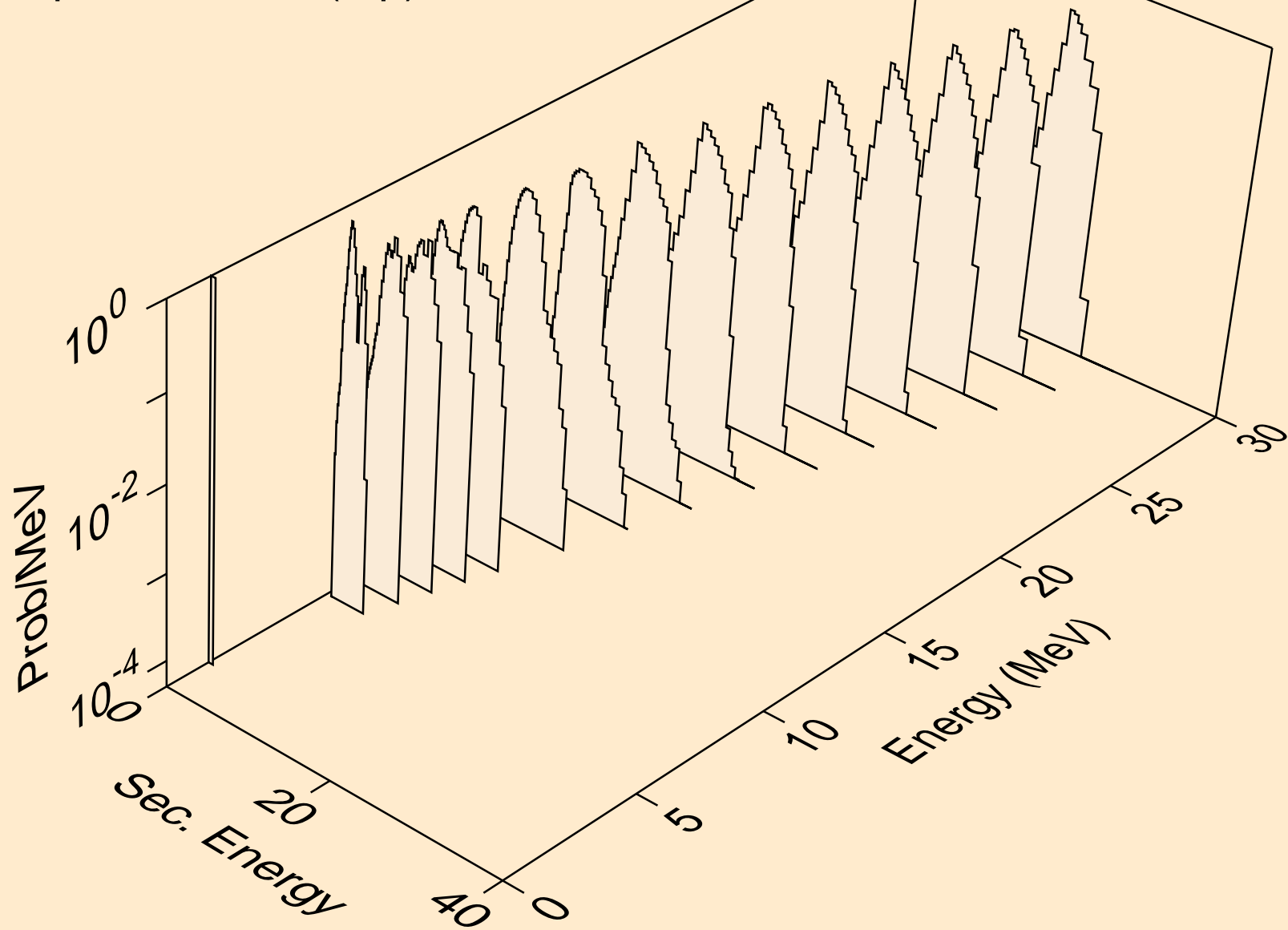
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protons from (a,n2p)



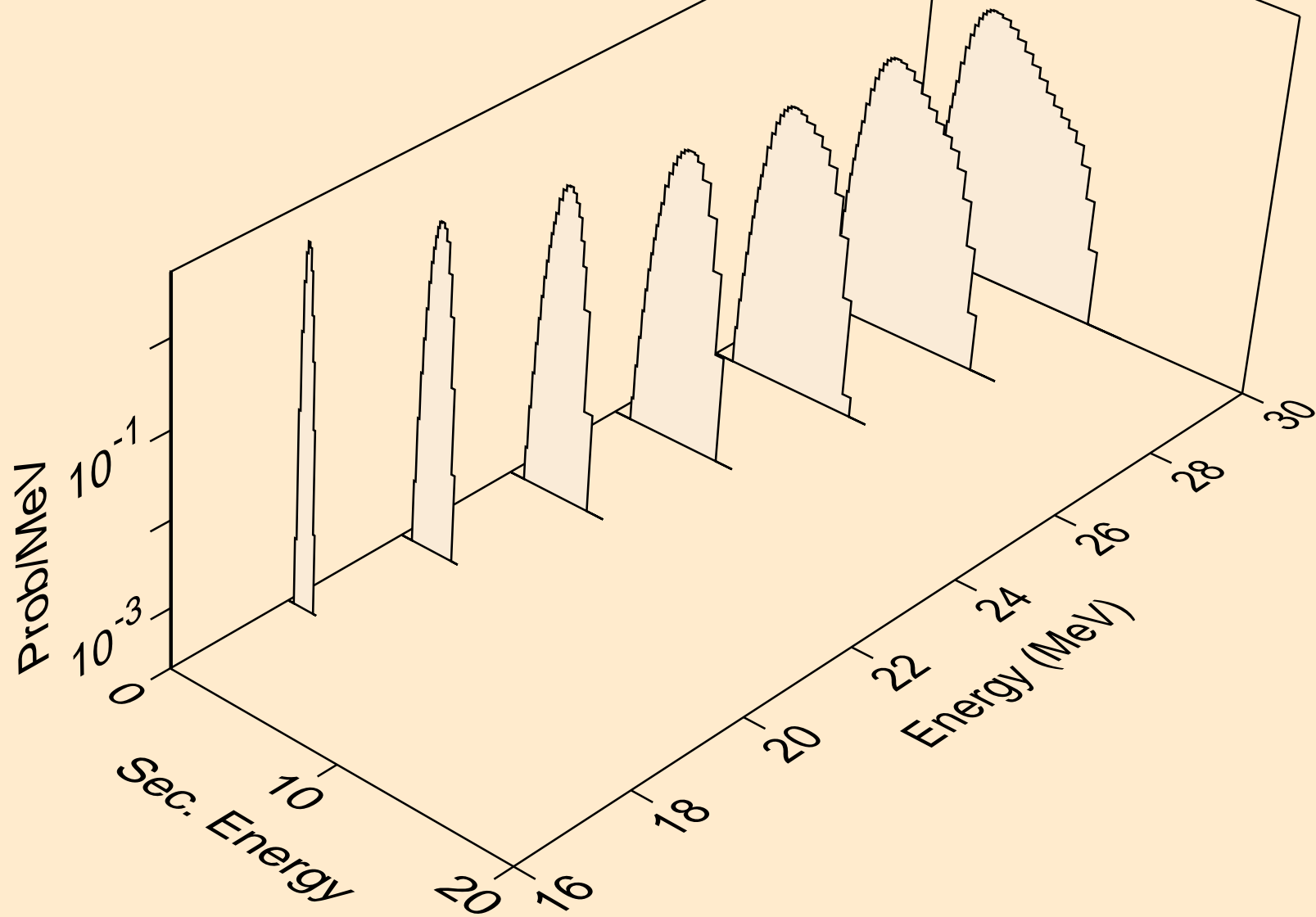
V053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,npa)



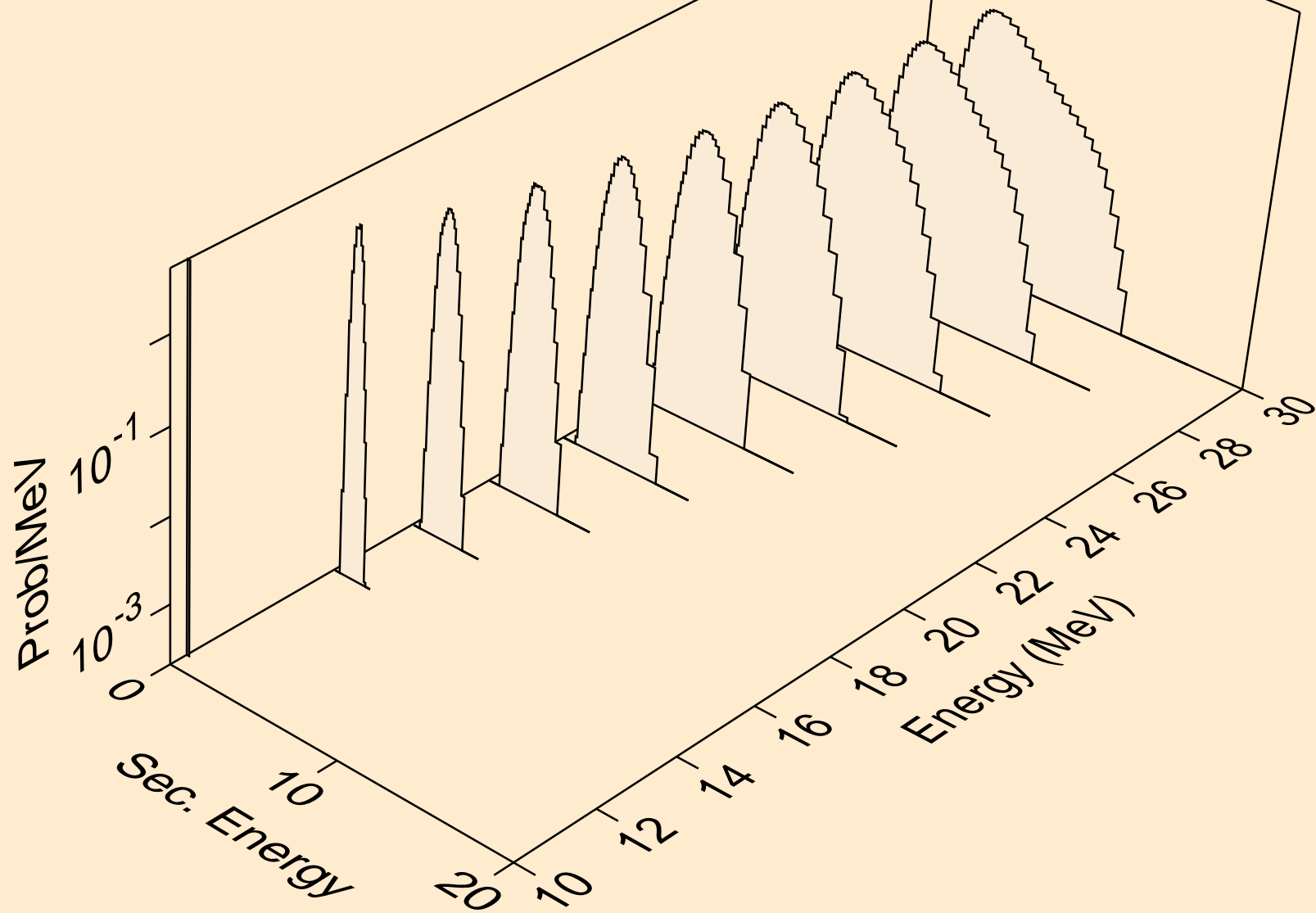
V053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,p)



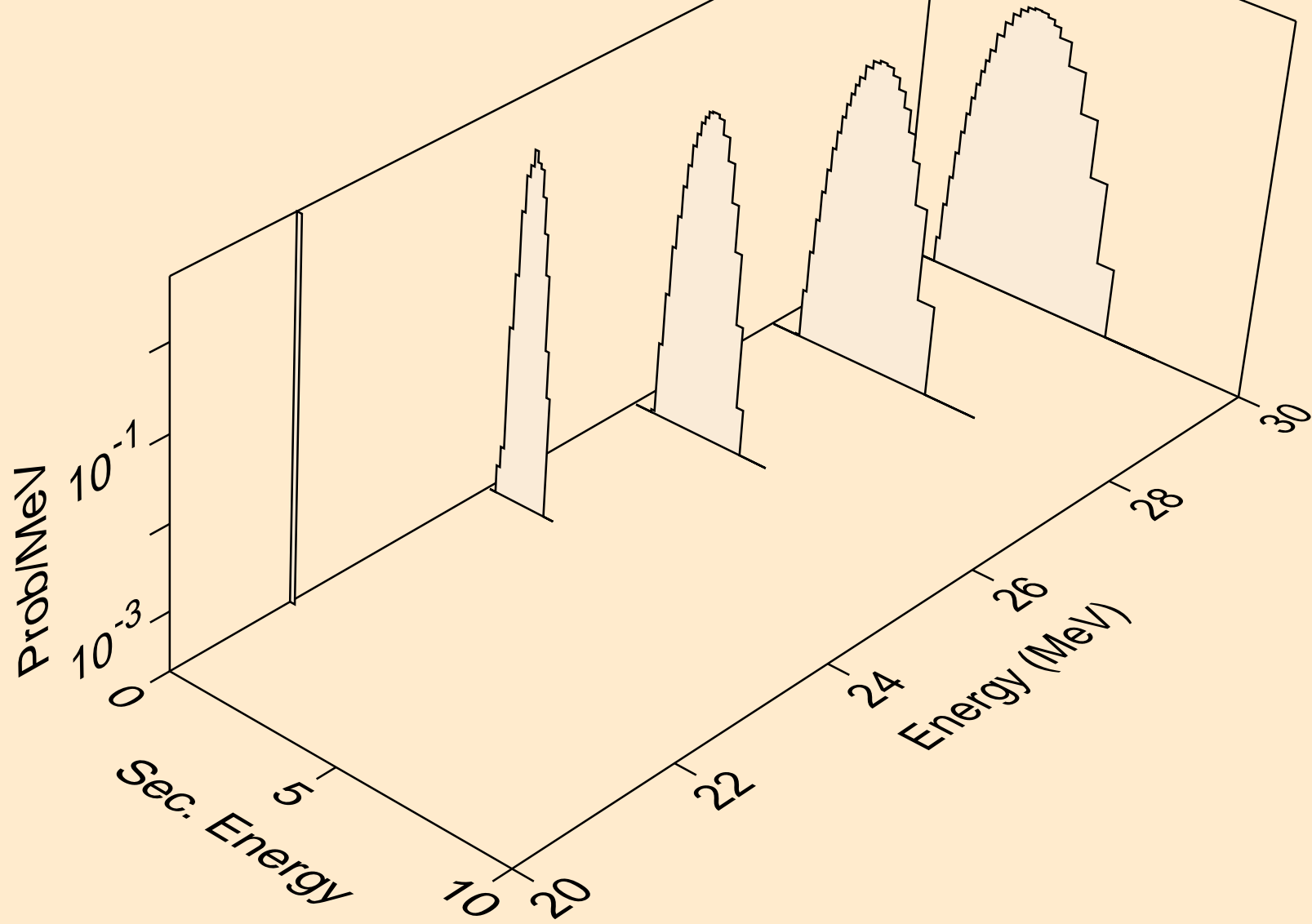
V053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2p)



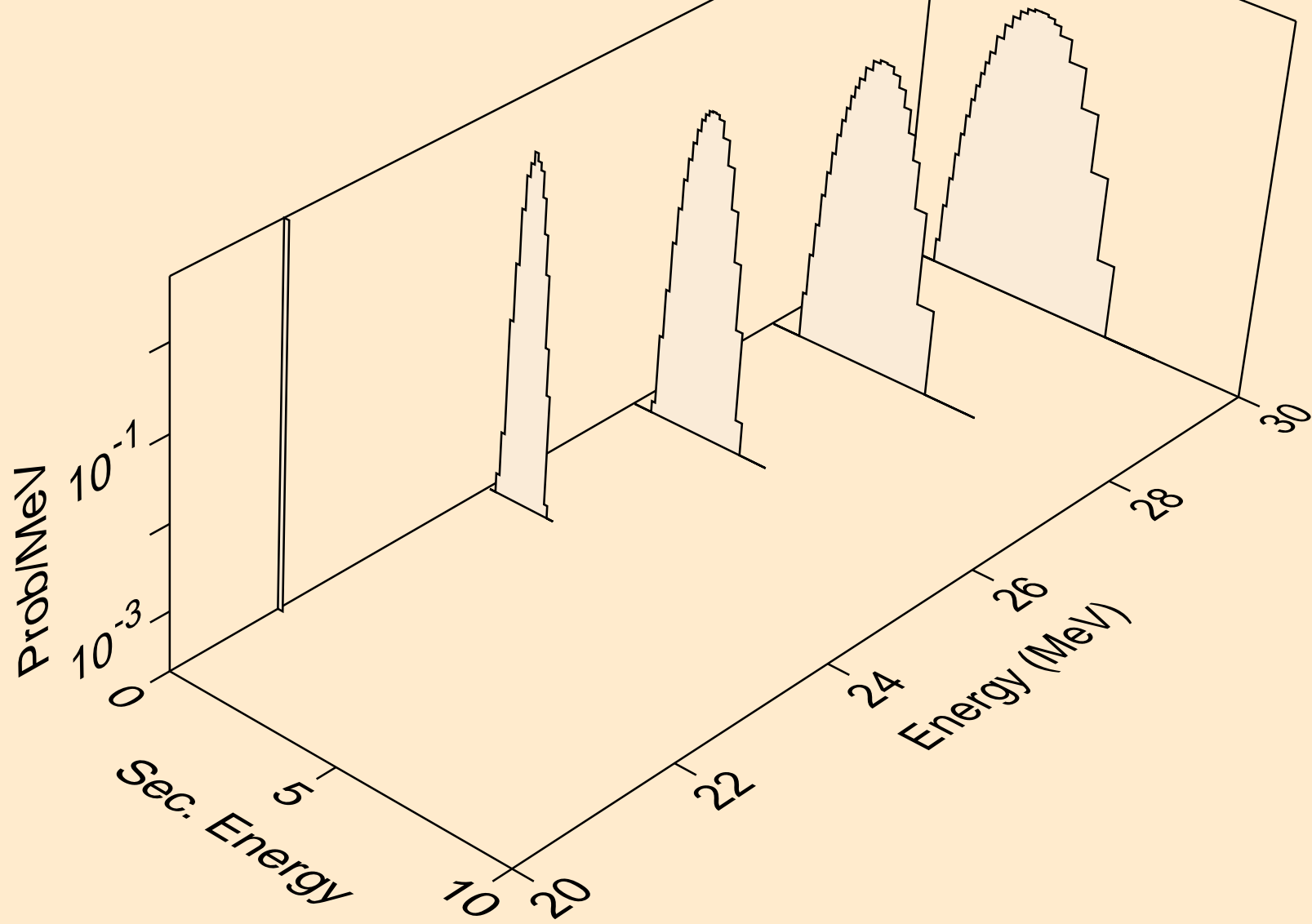
V053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pa)



V053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pd)

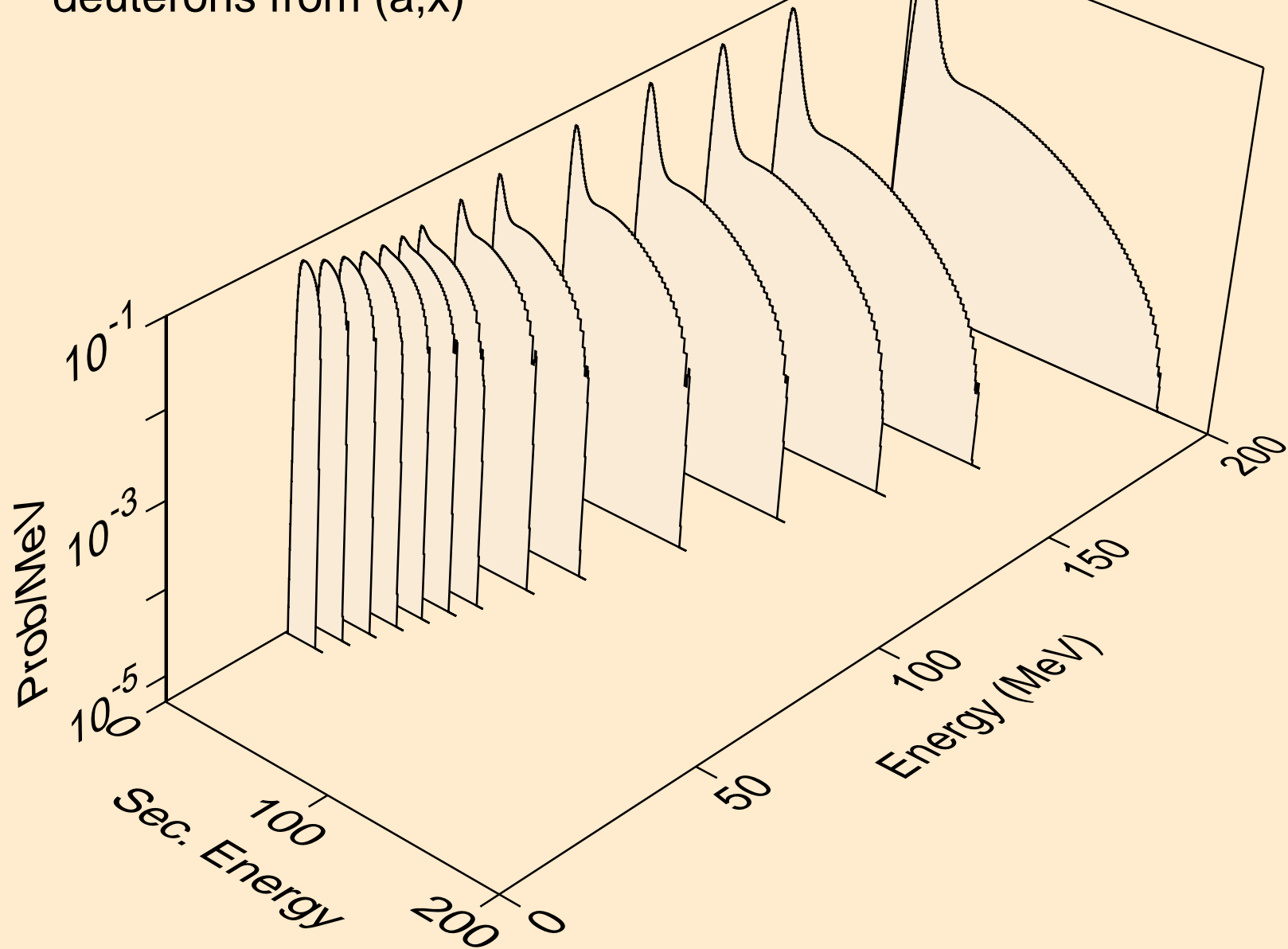


V053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pt)

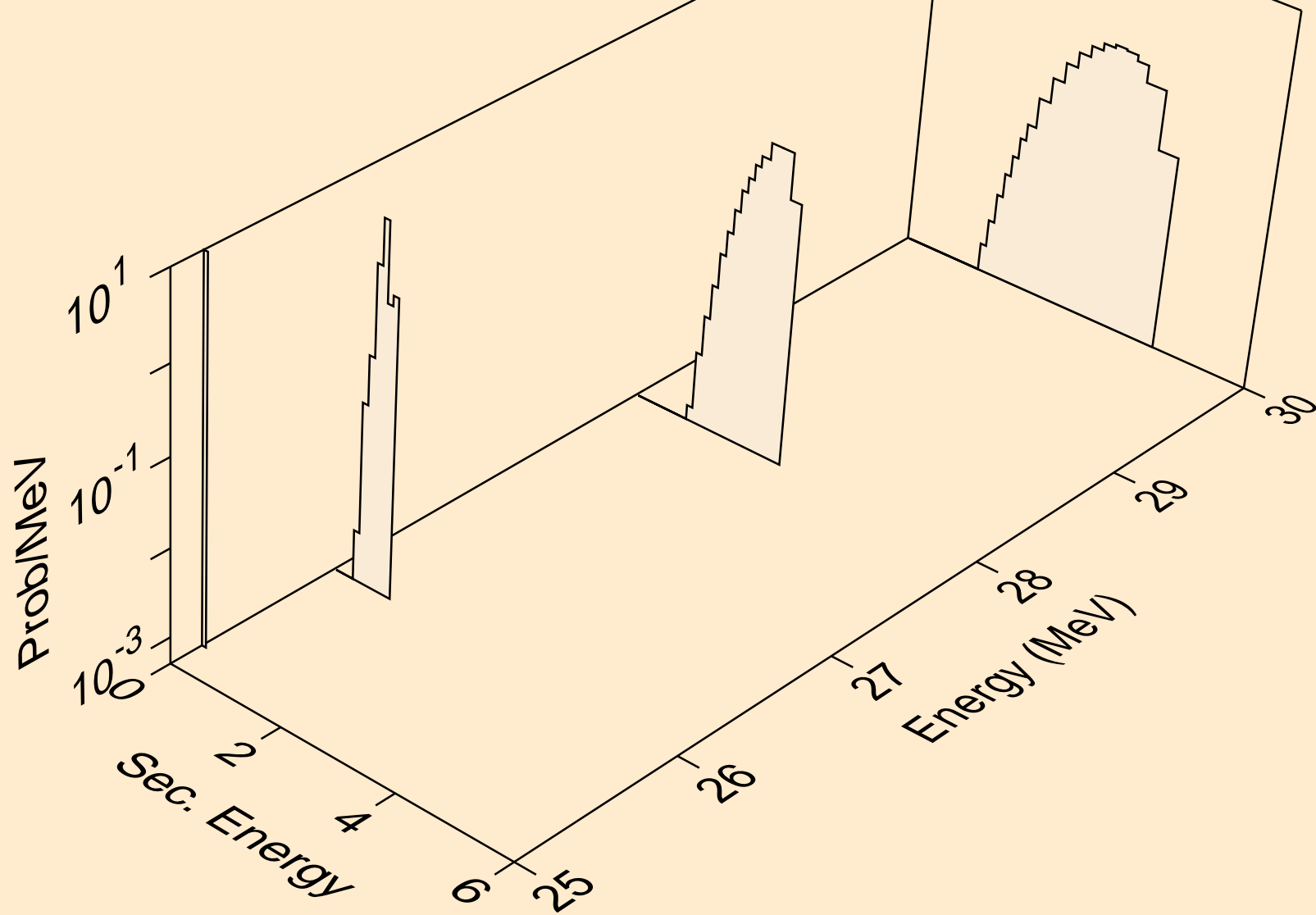




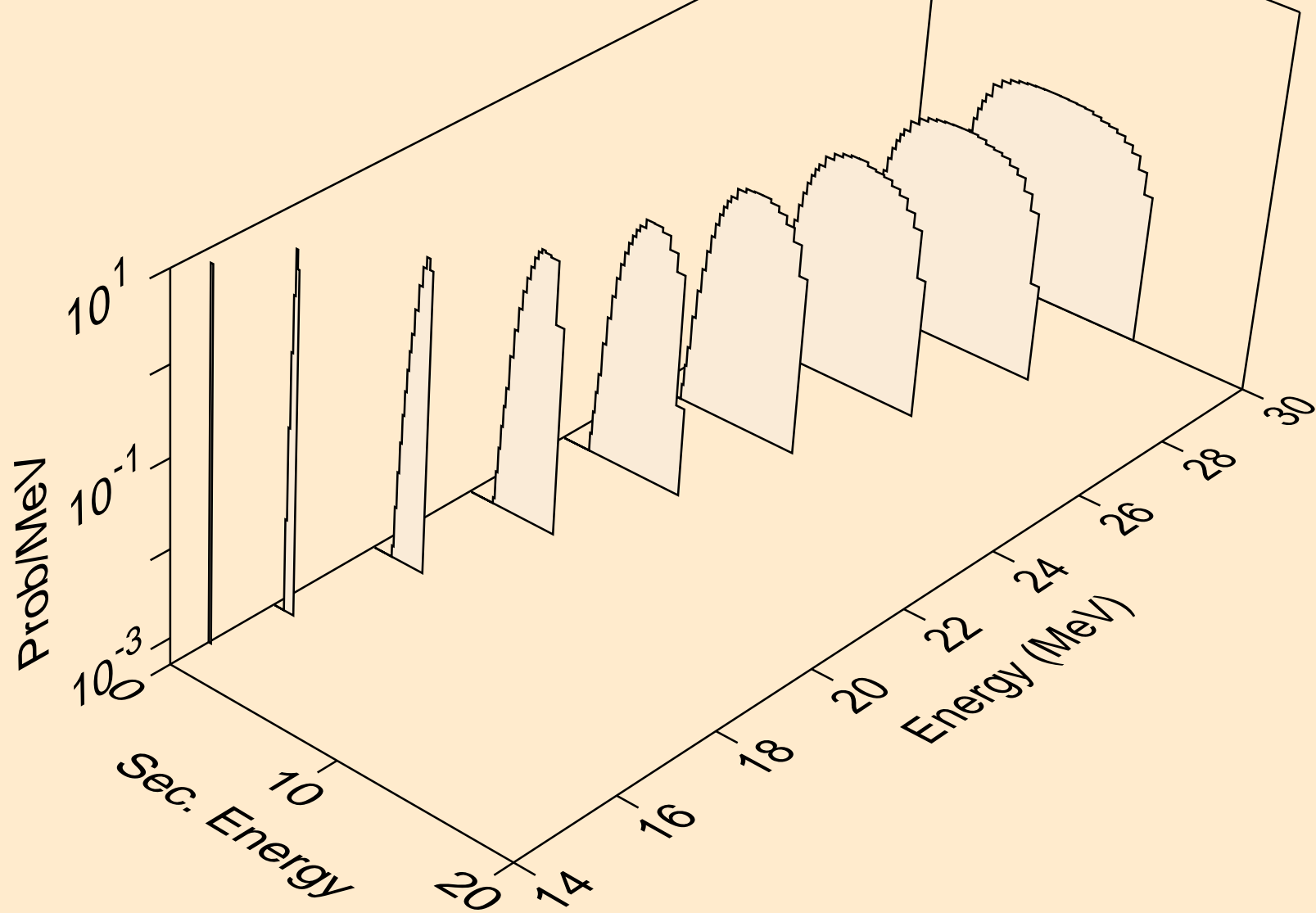
V053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,x)



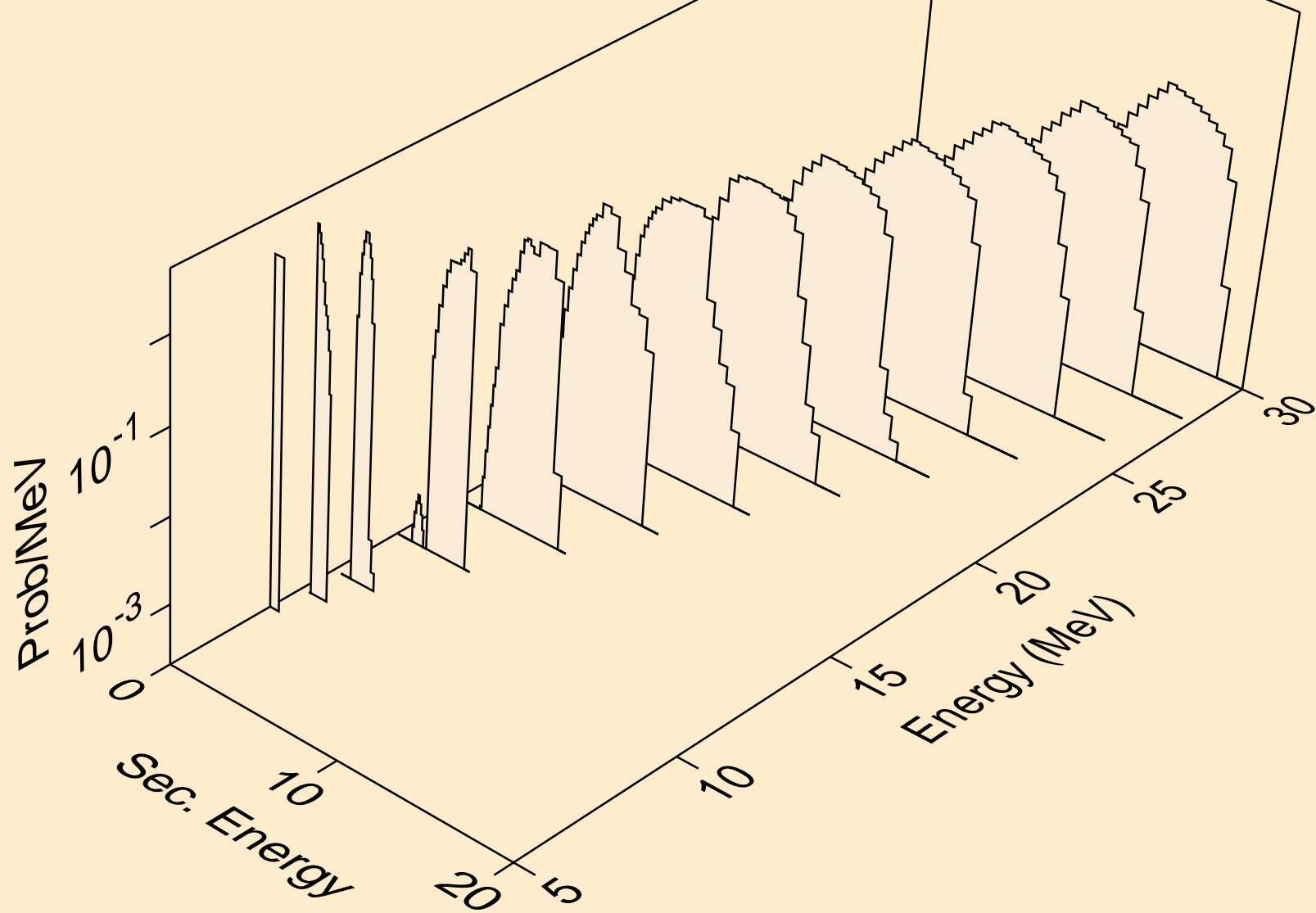
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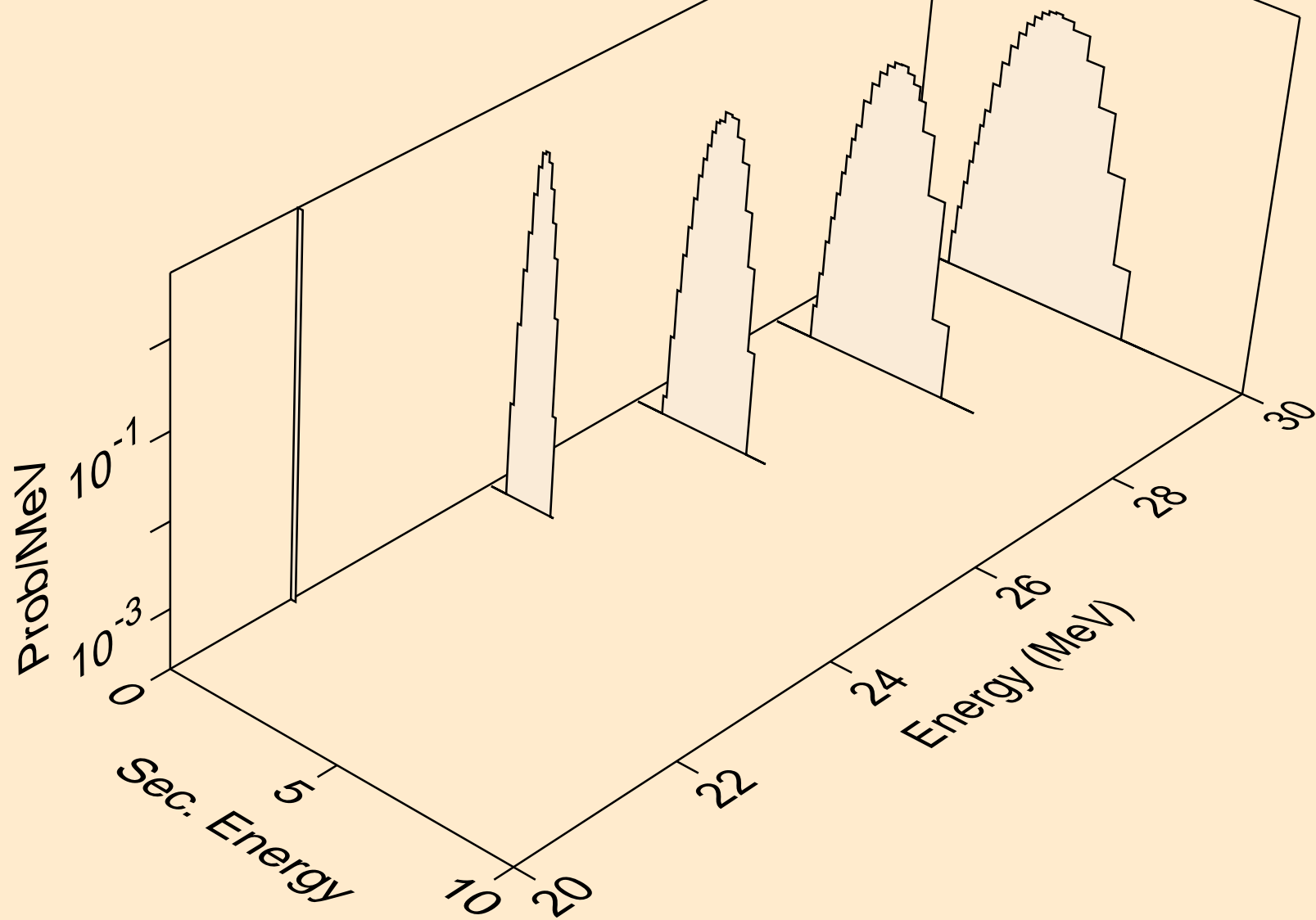
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deuterons from (a,n\*)d



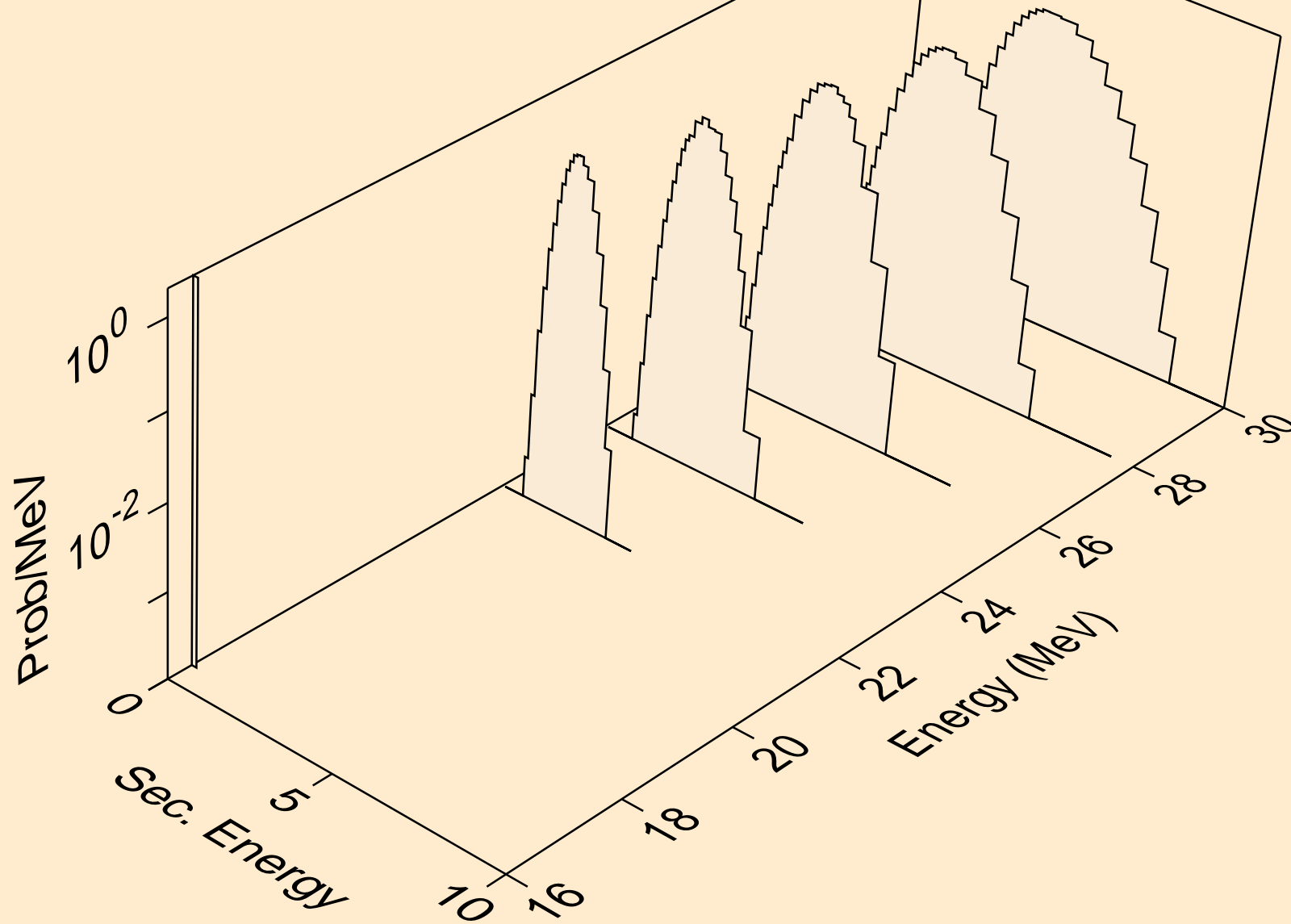
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deuterons from (a,d)



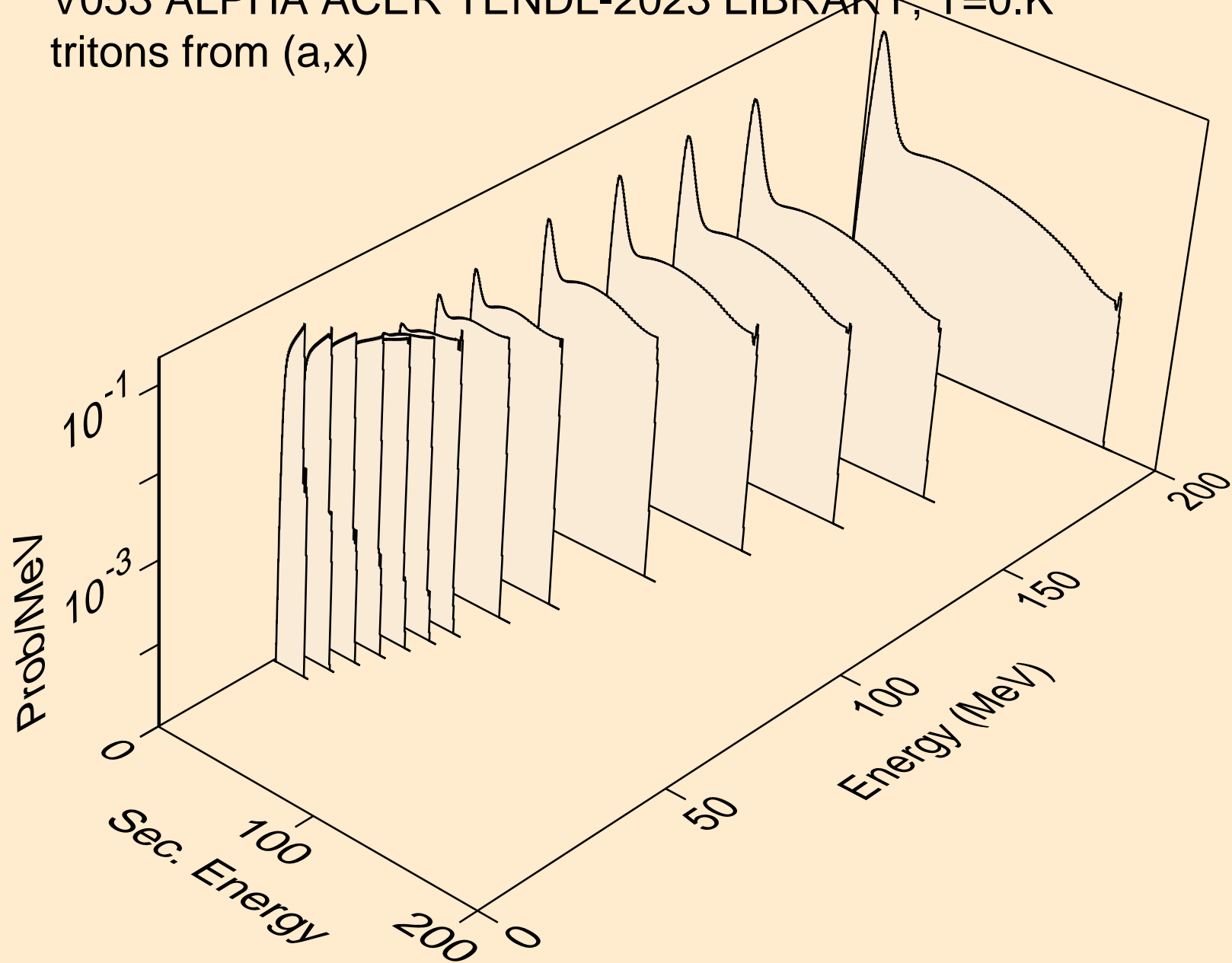
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deuterons from (a,pd)



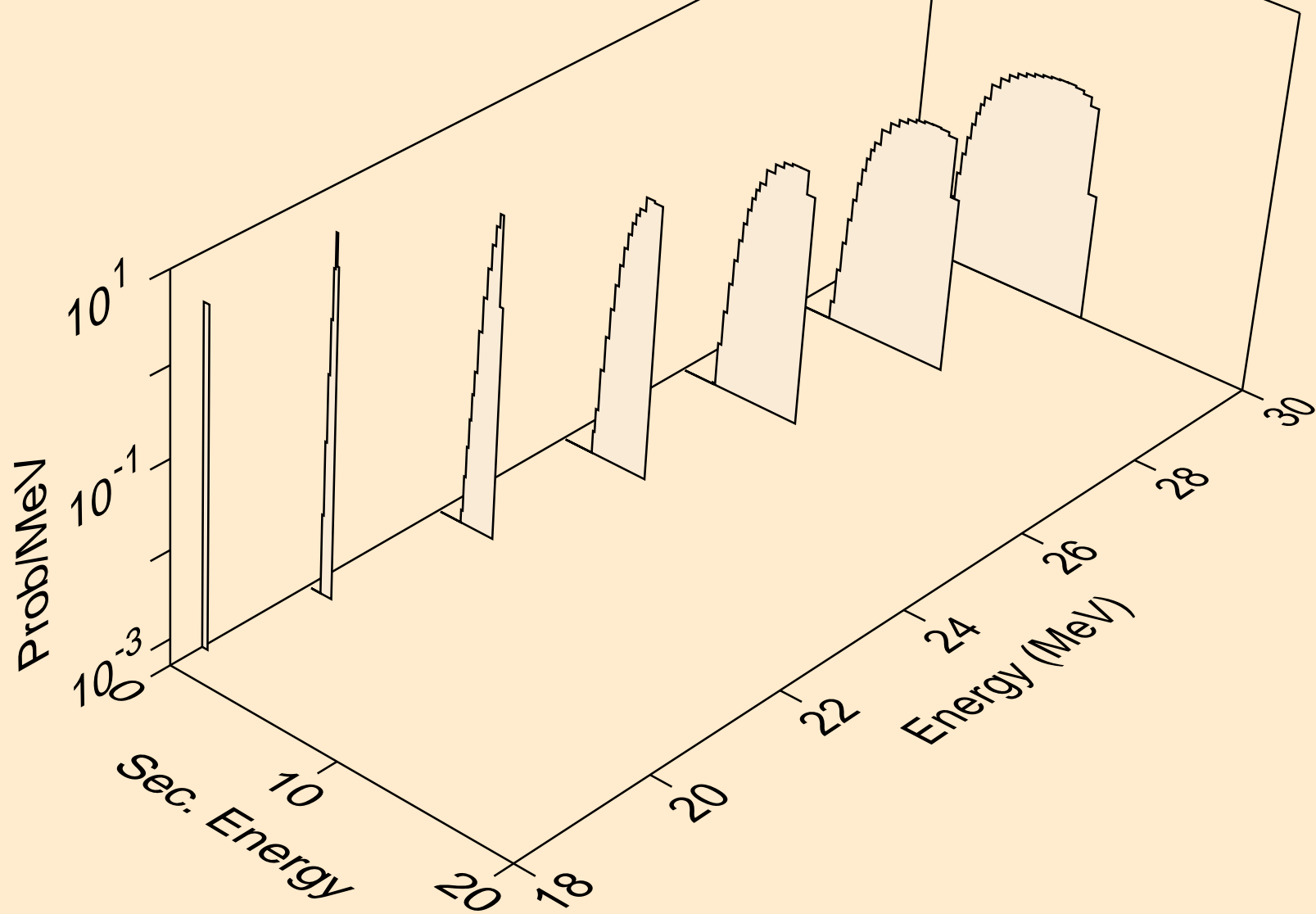
V053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,da)



V053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)

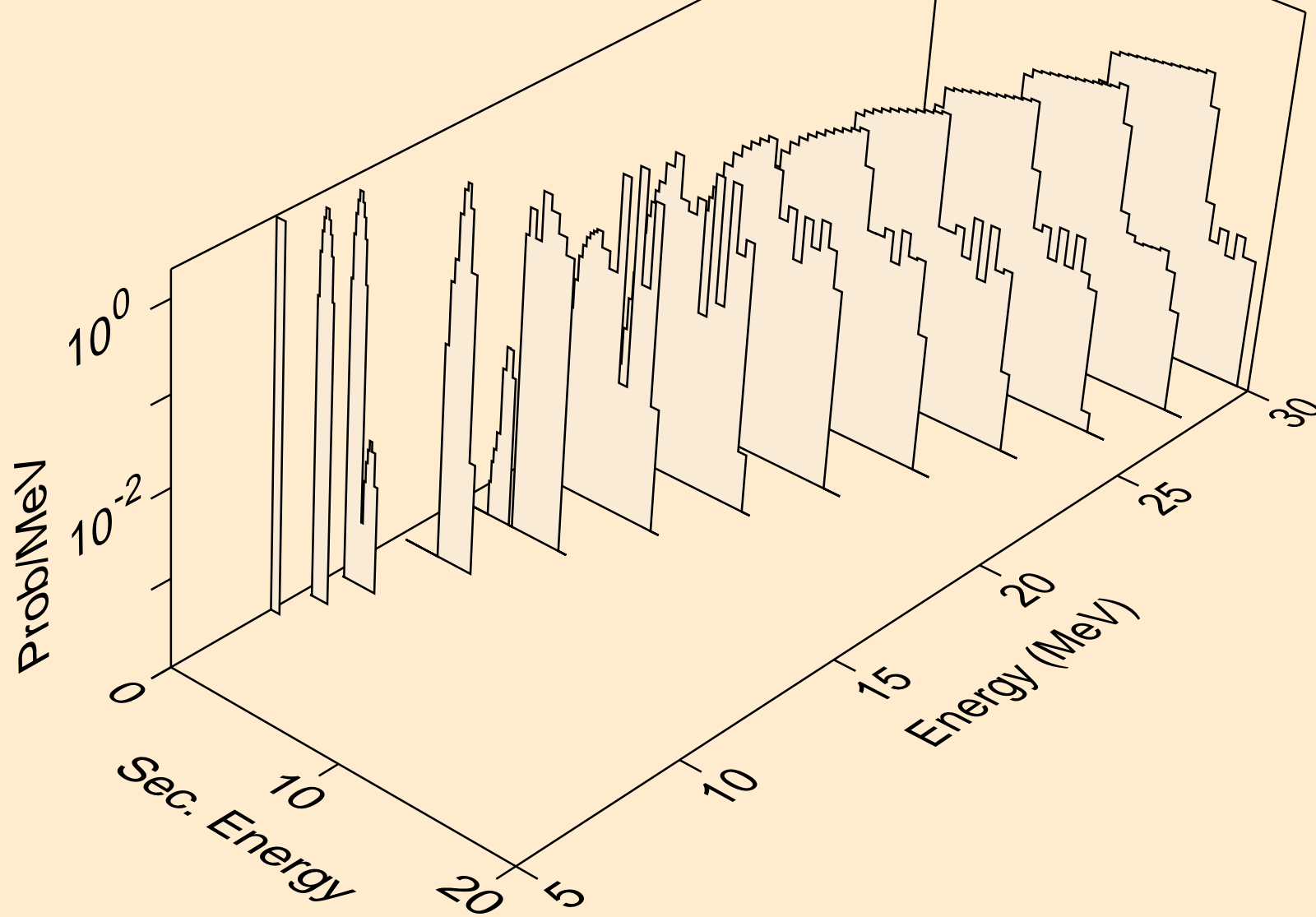


V053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,n\*)t

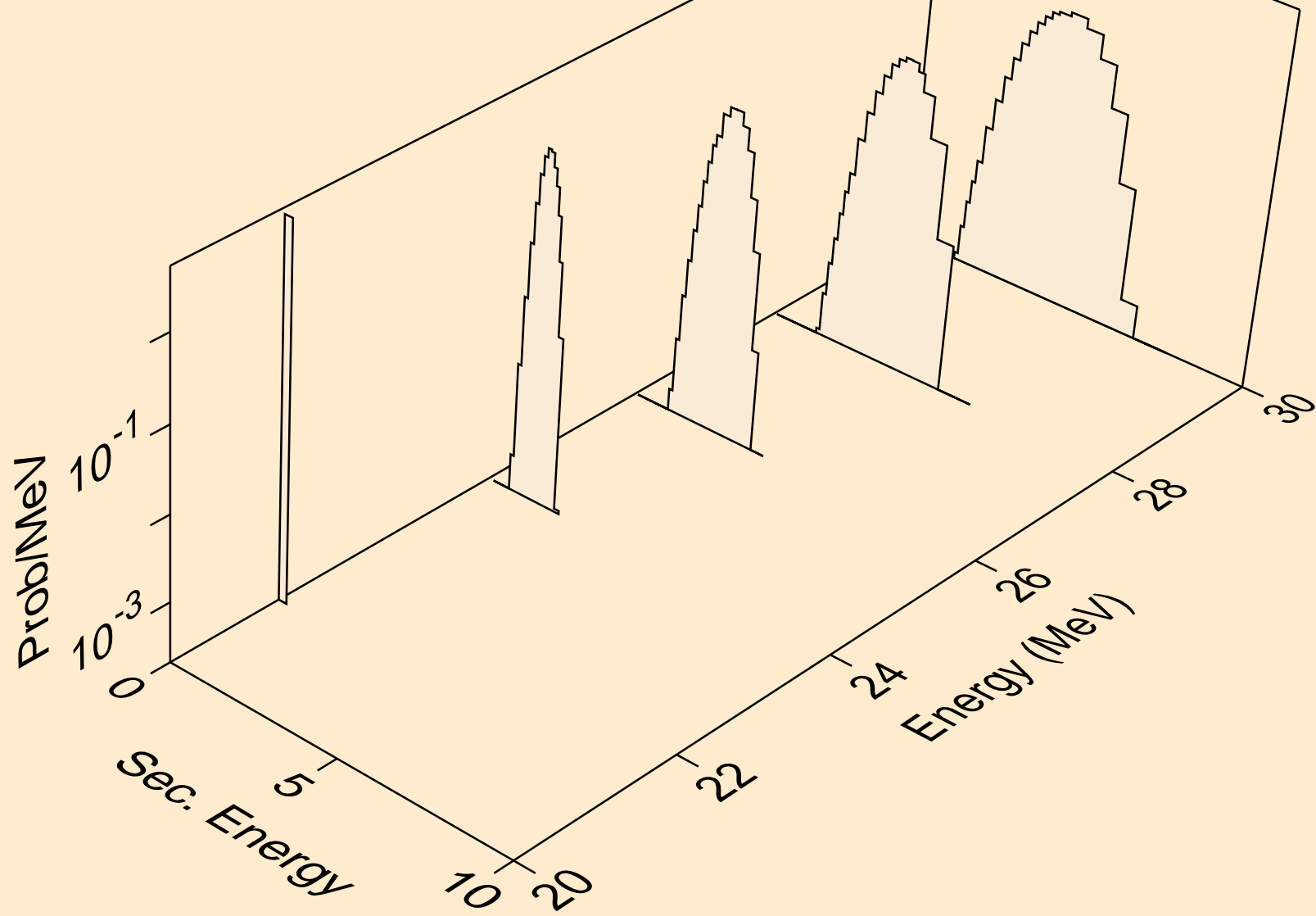




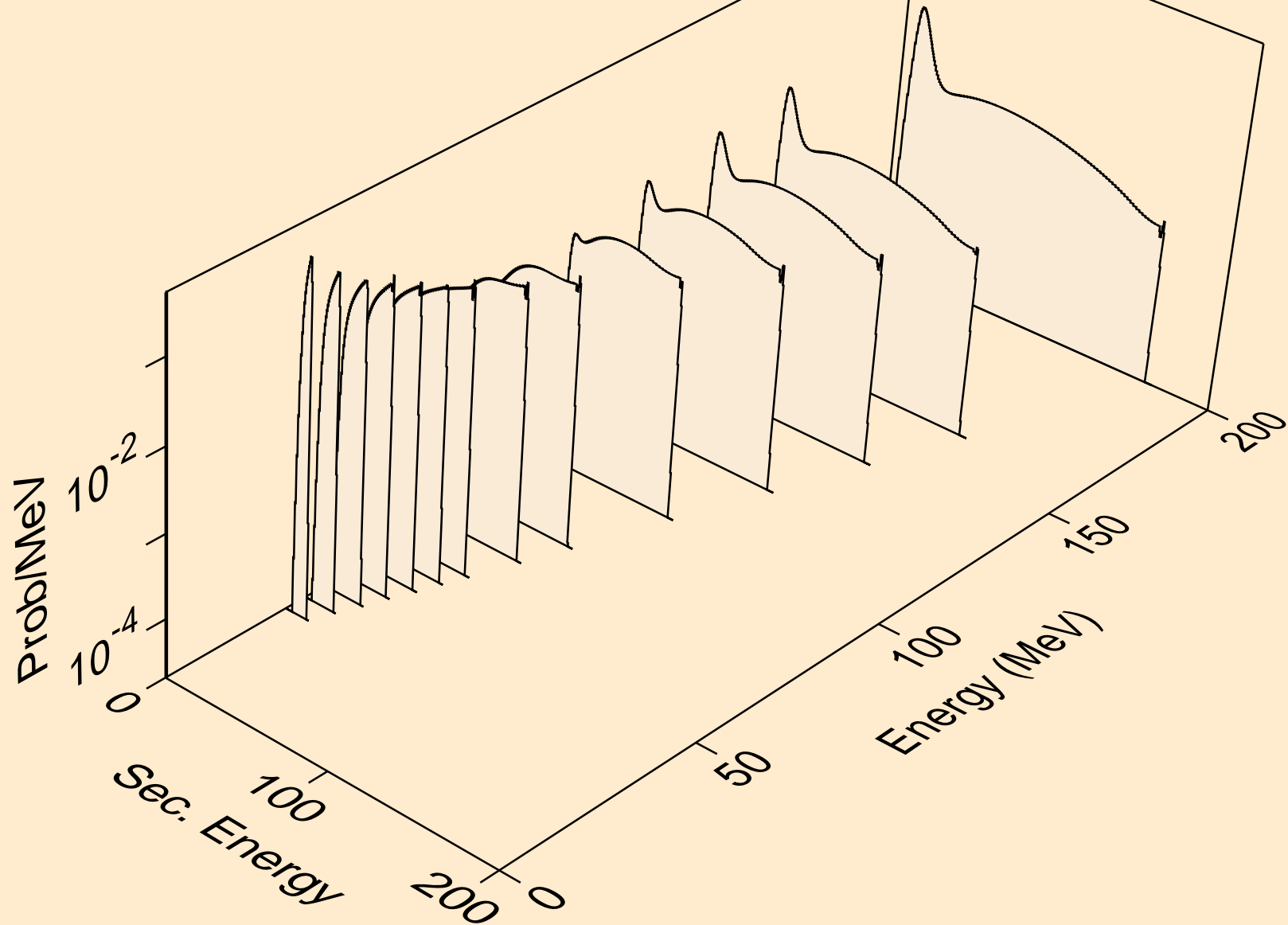
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tritons from (a,t)



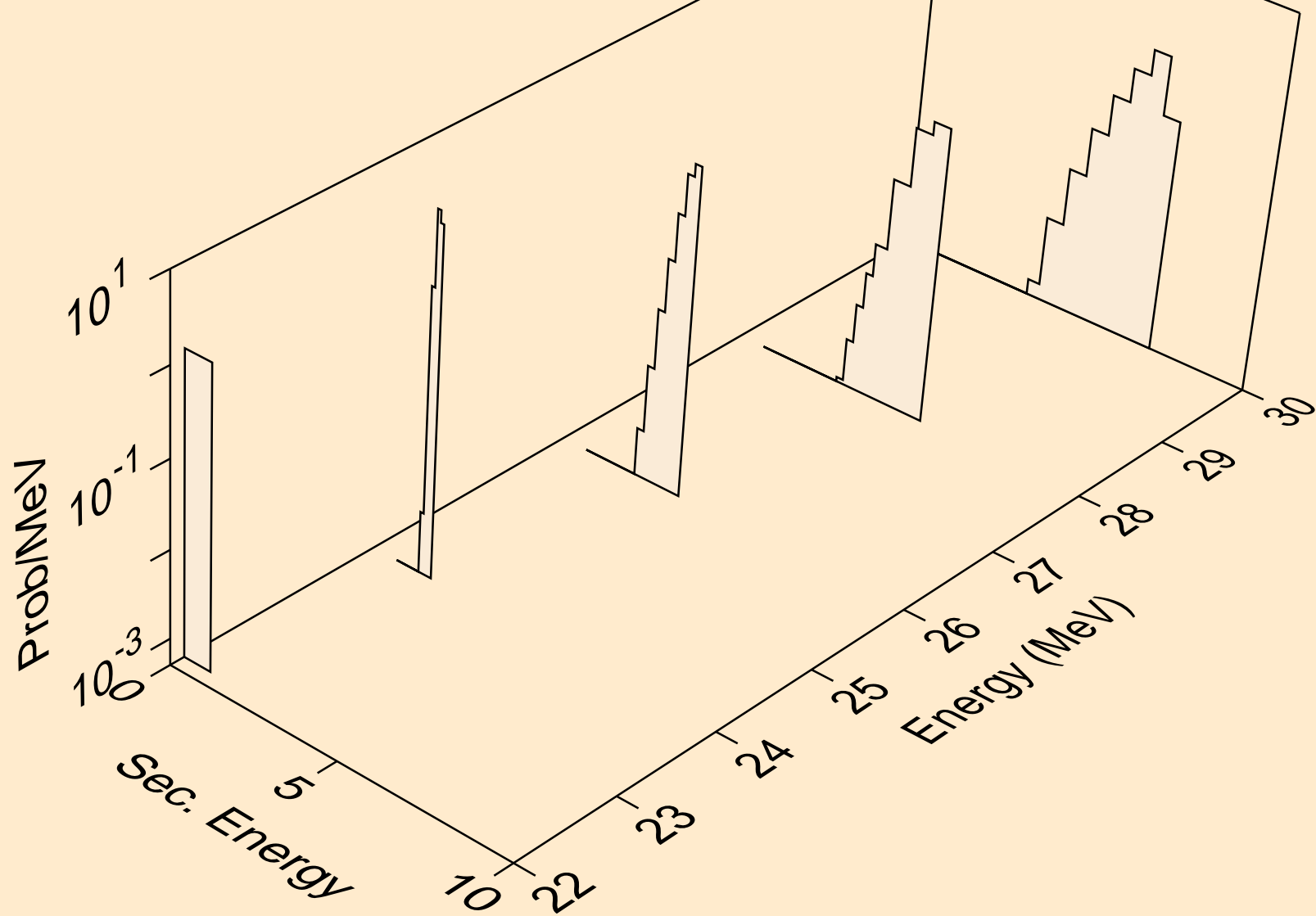
V053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,pt)



V053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



V053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,n\*)he3



V053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

