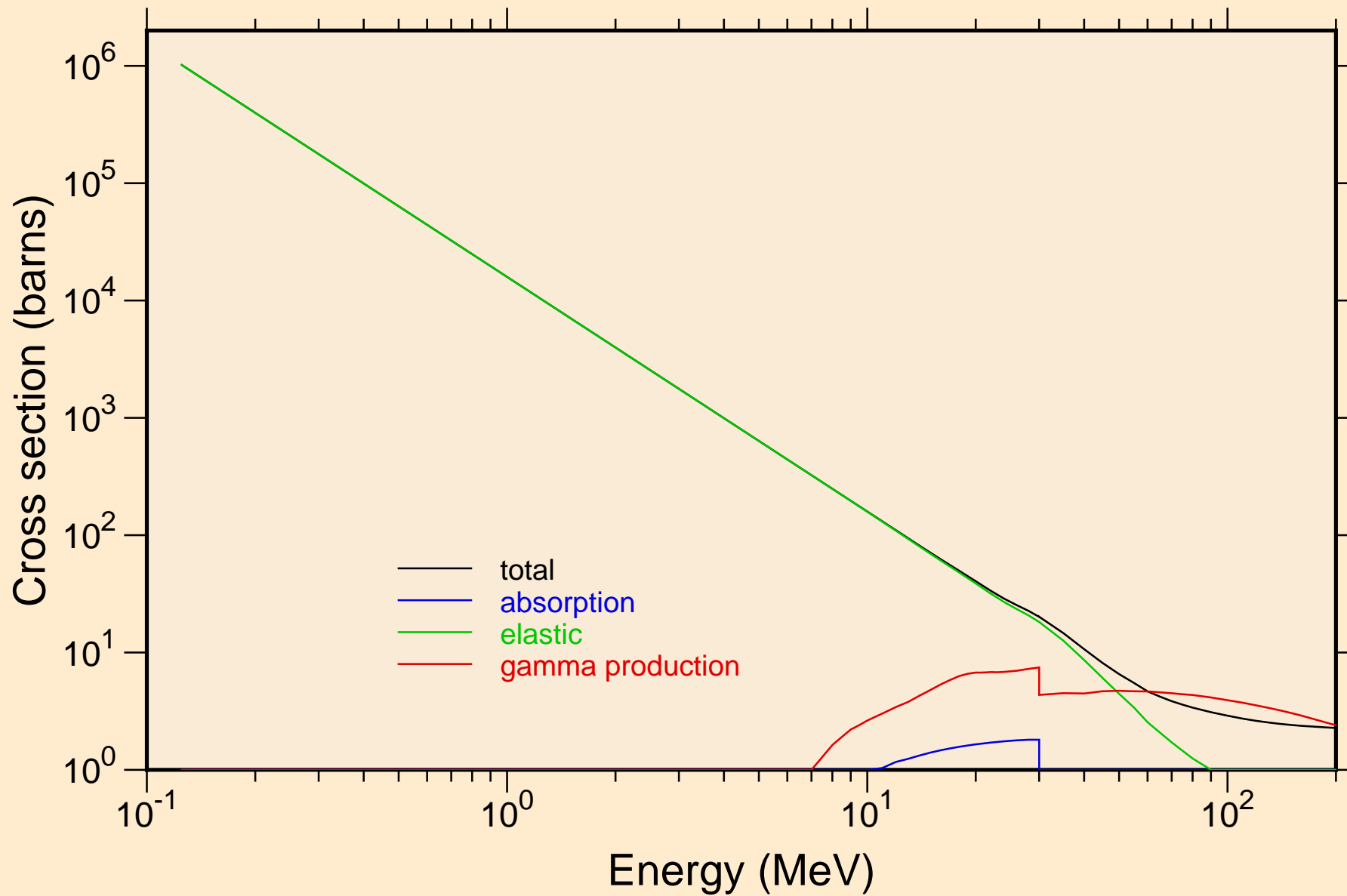


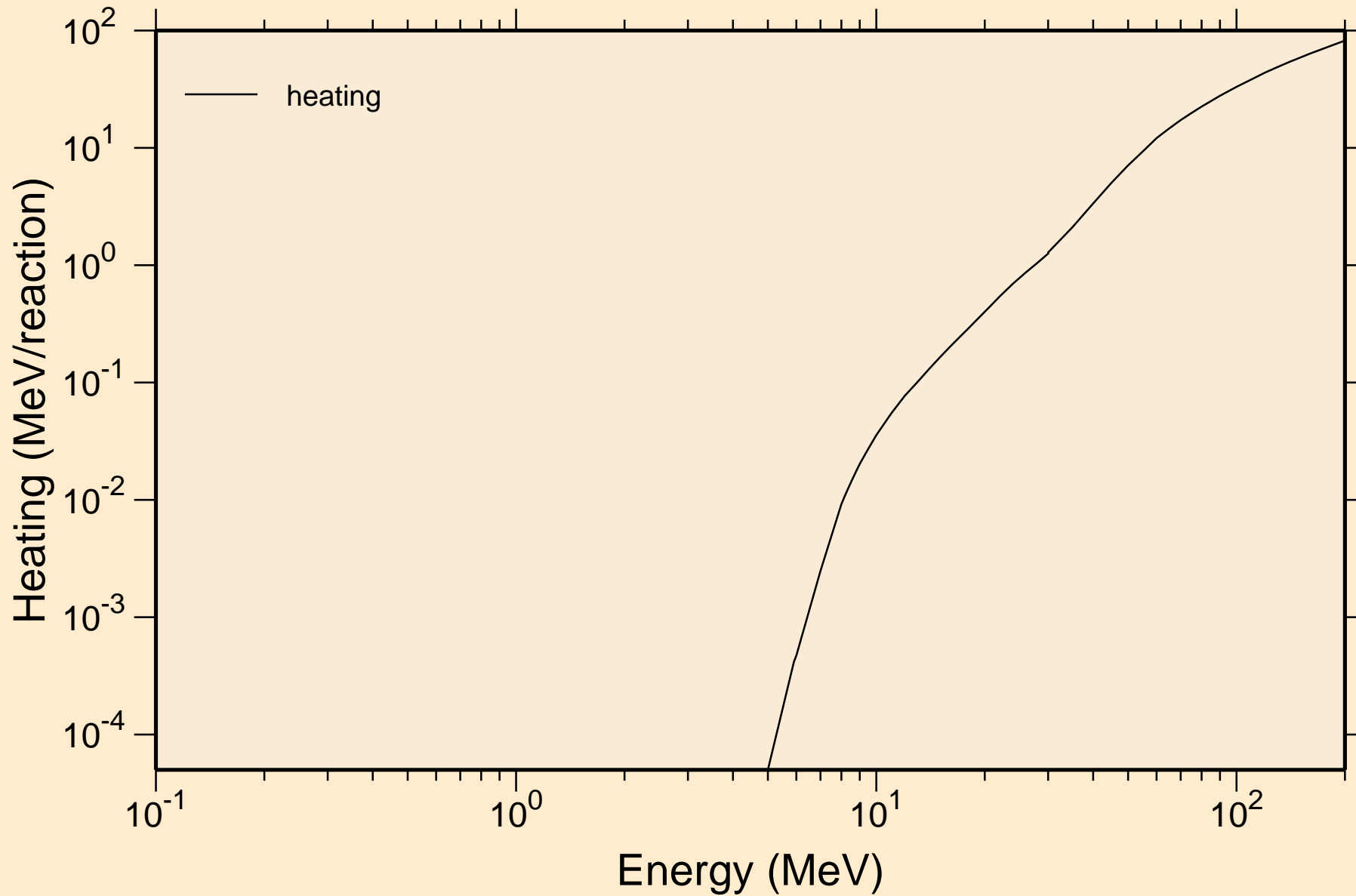
# SN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



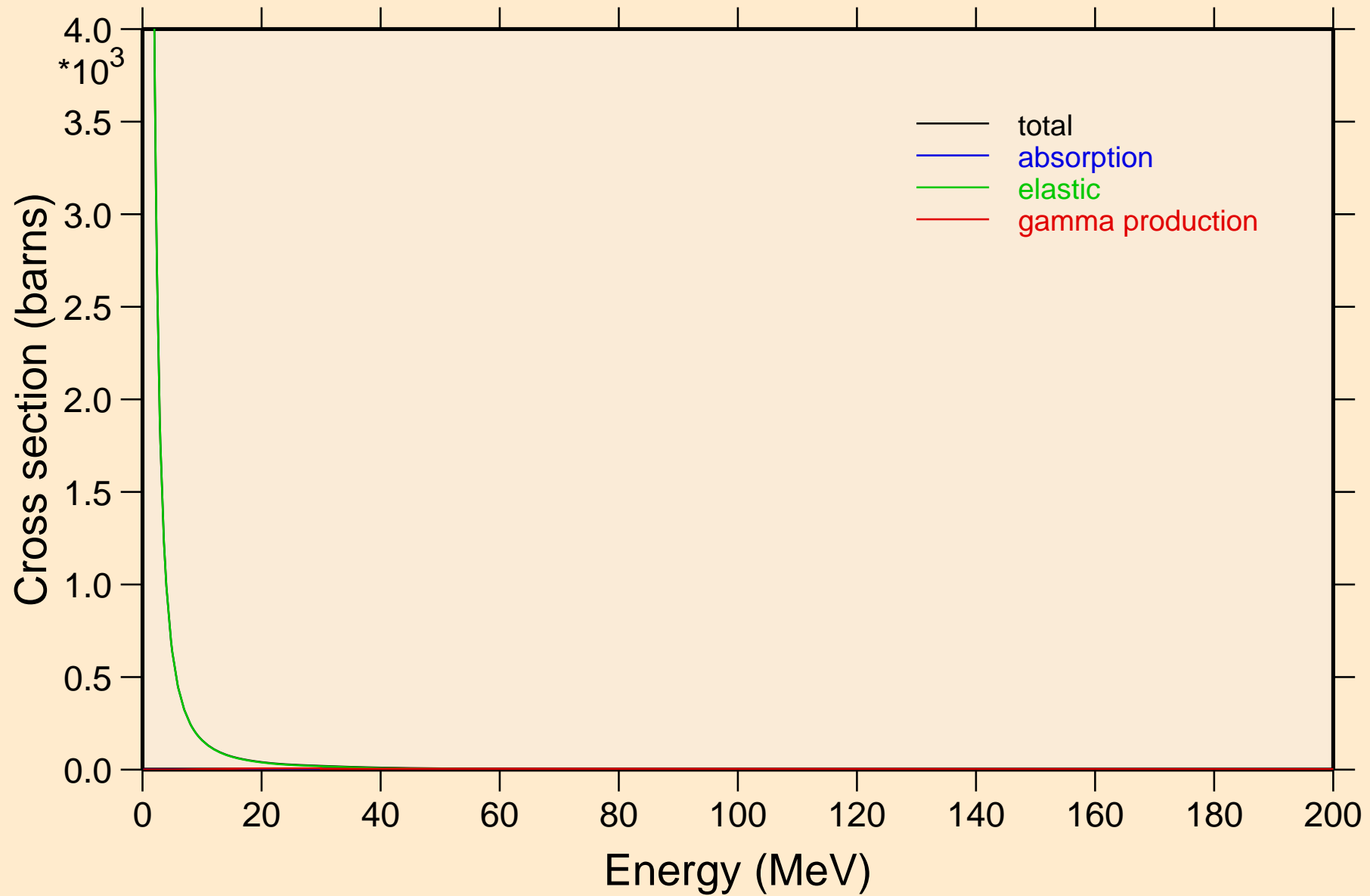
# SN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

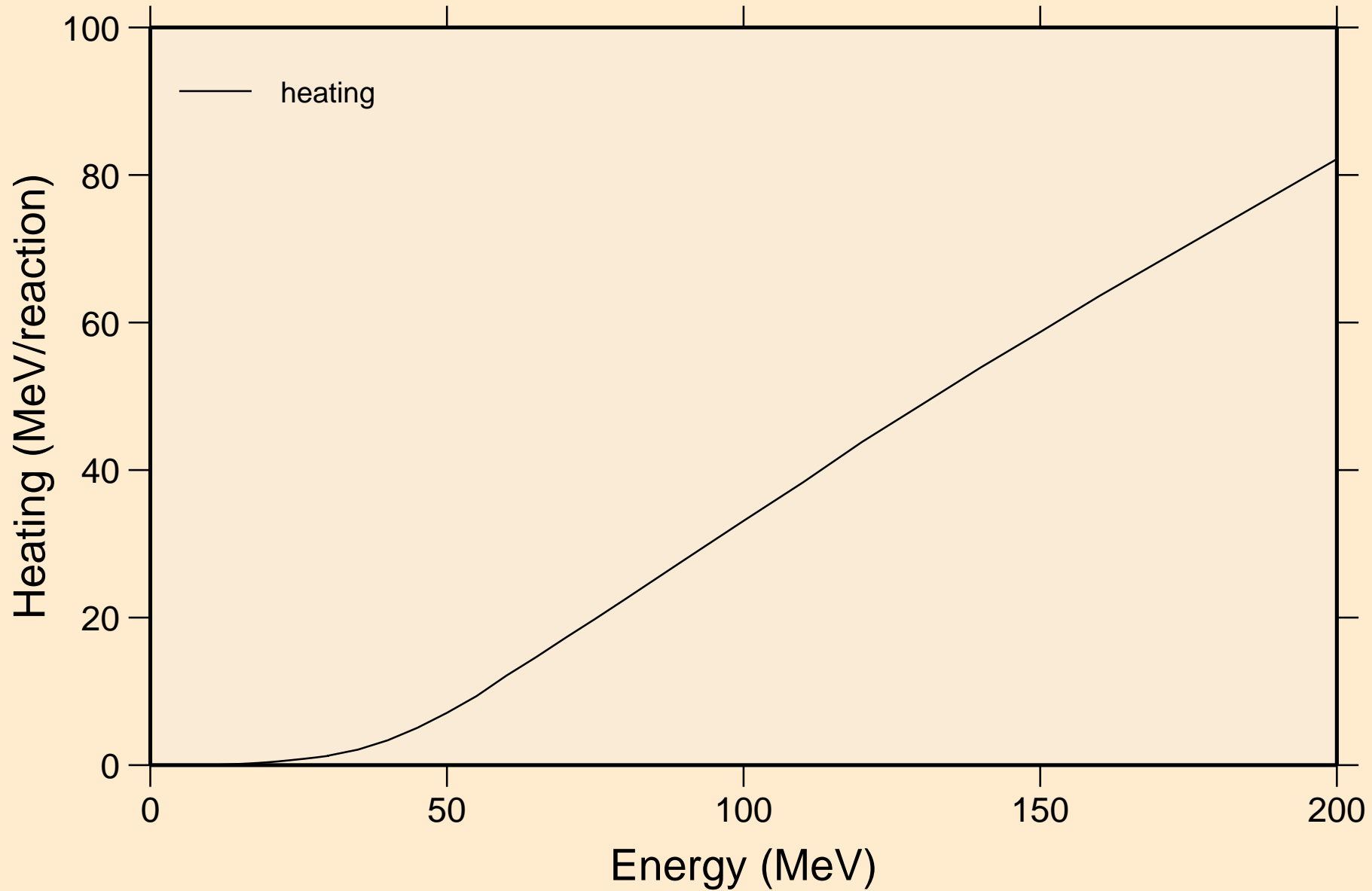


# SN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

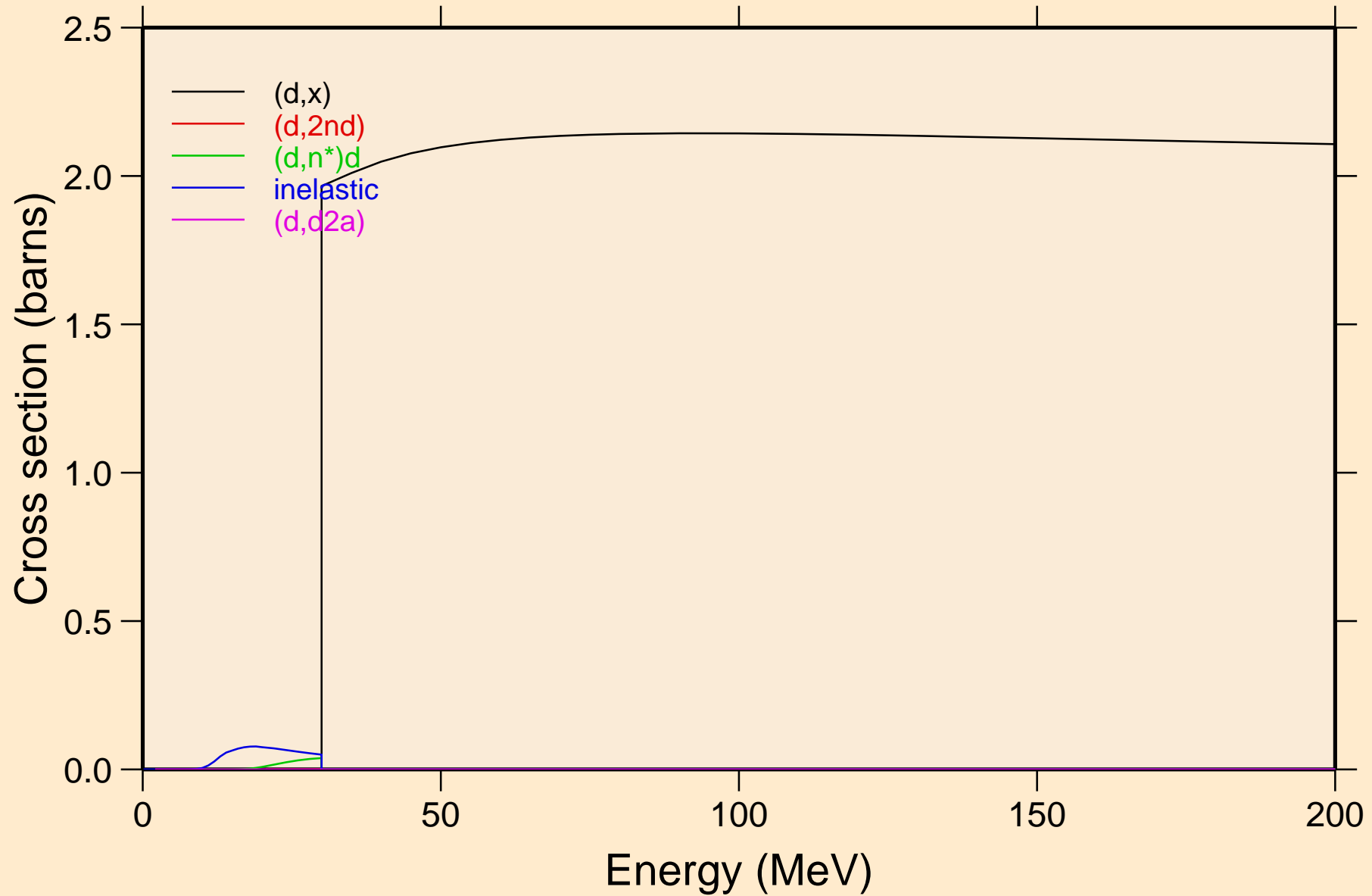


SN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Heating



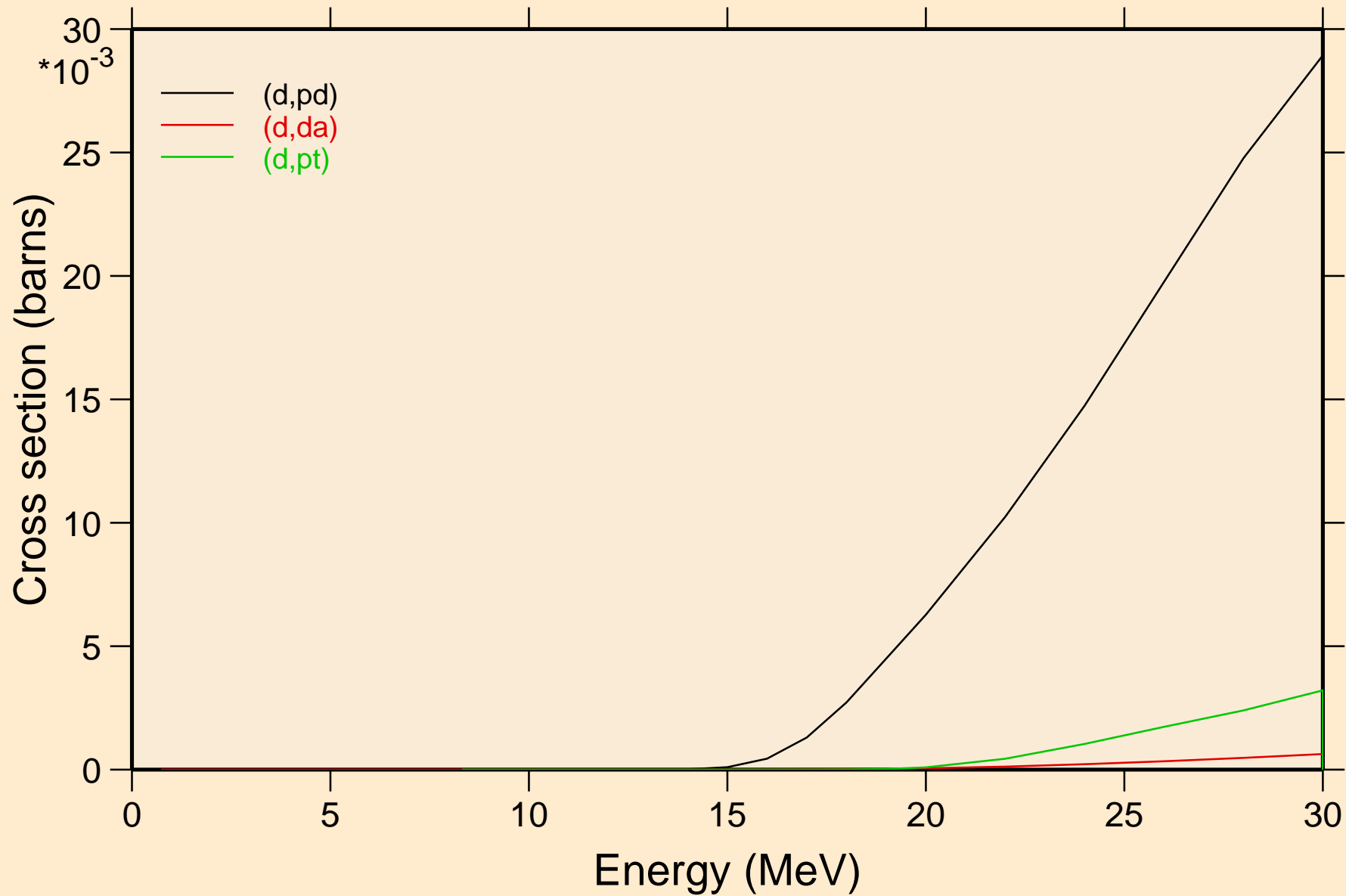
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## Threshold reactions

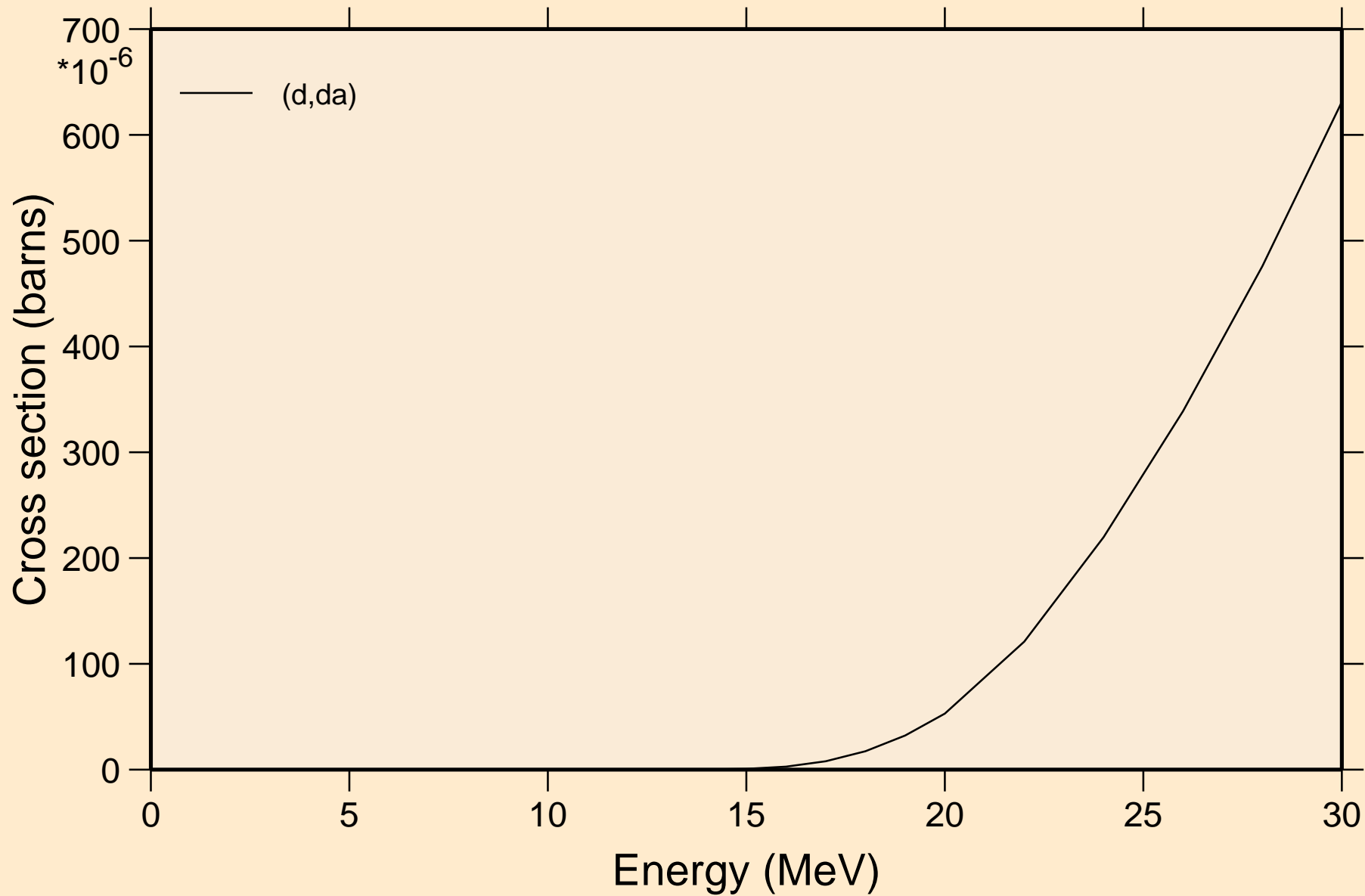


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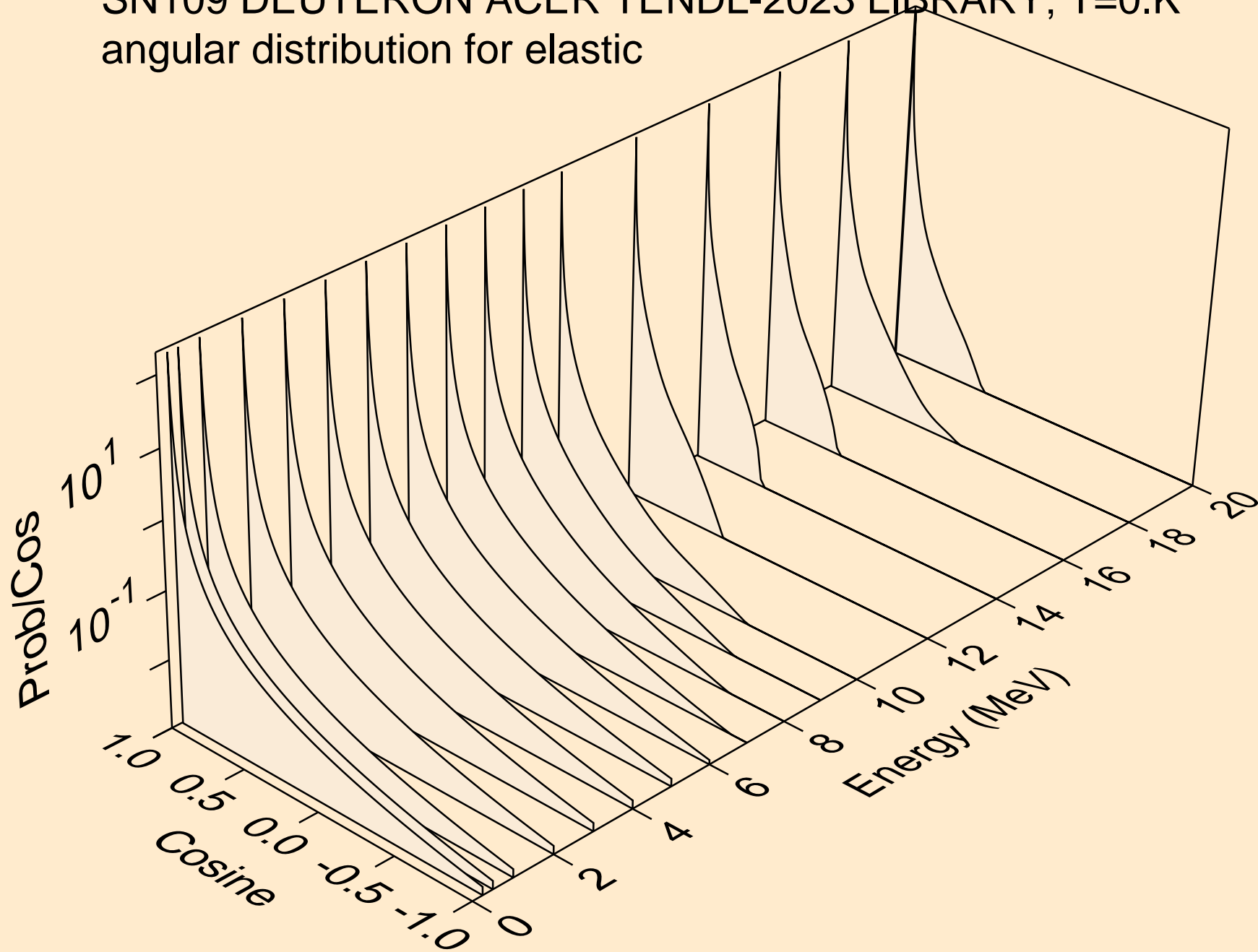
## Threshold reactions



SN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

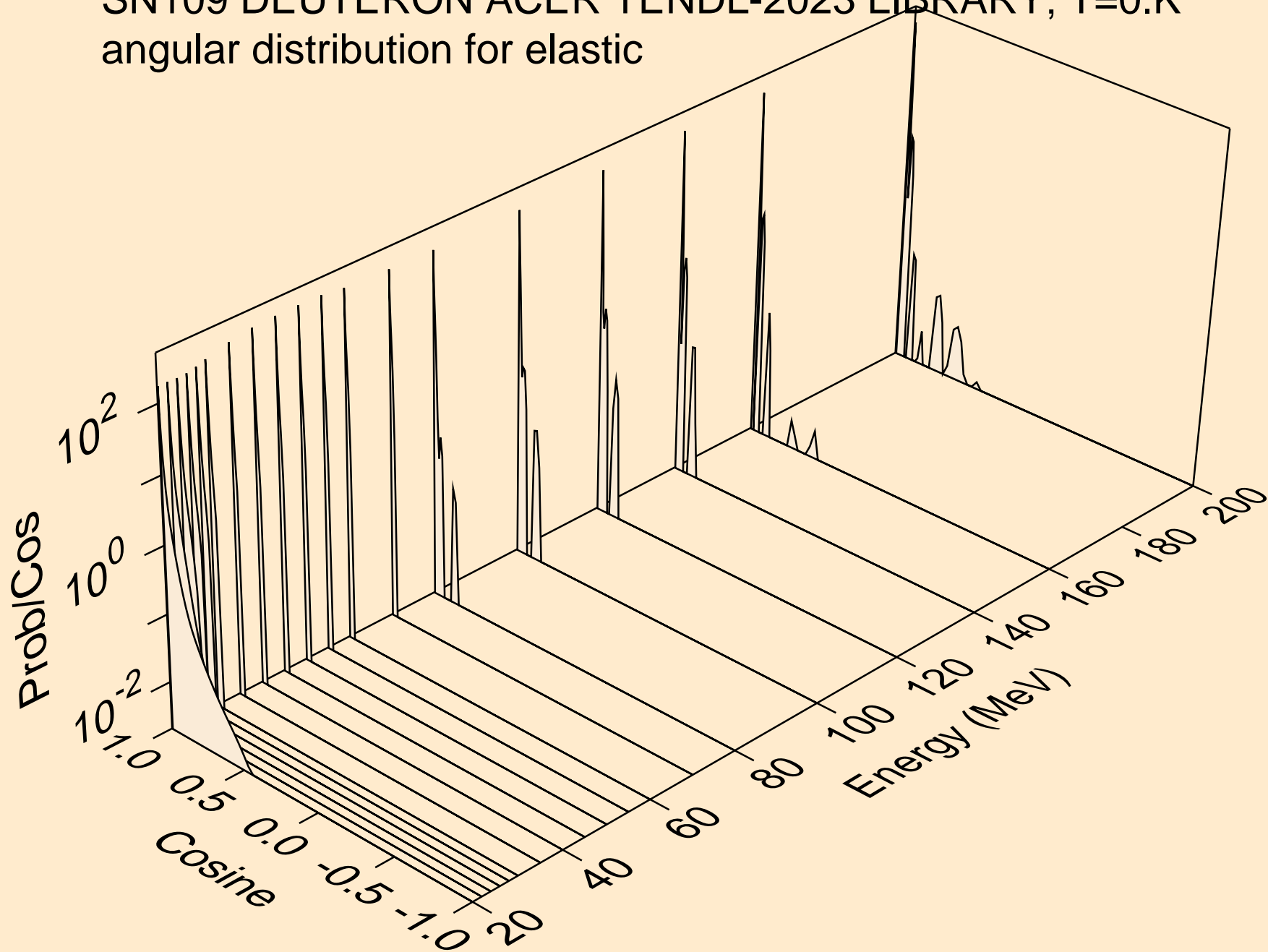


SN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

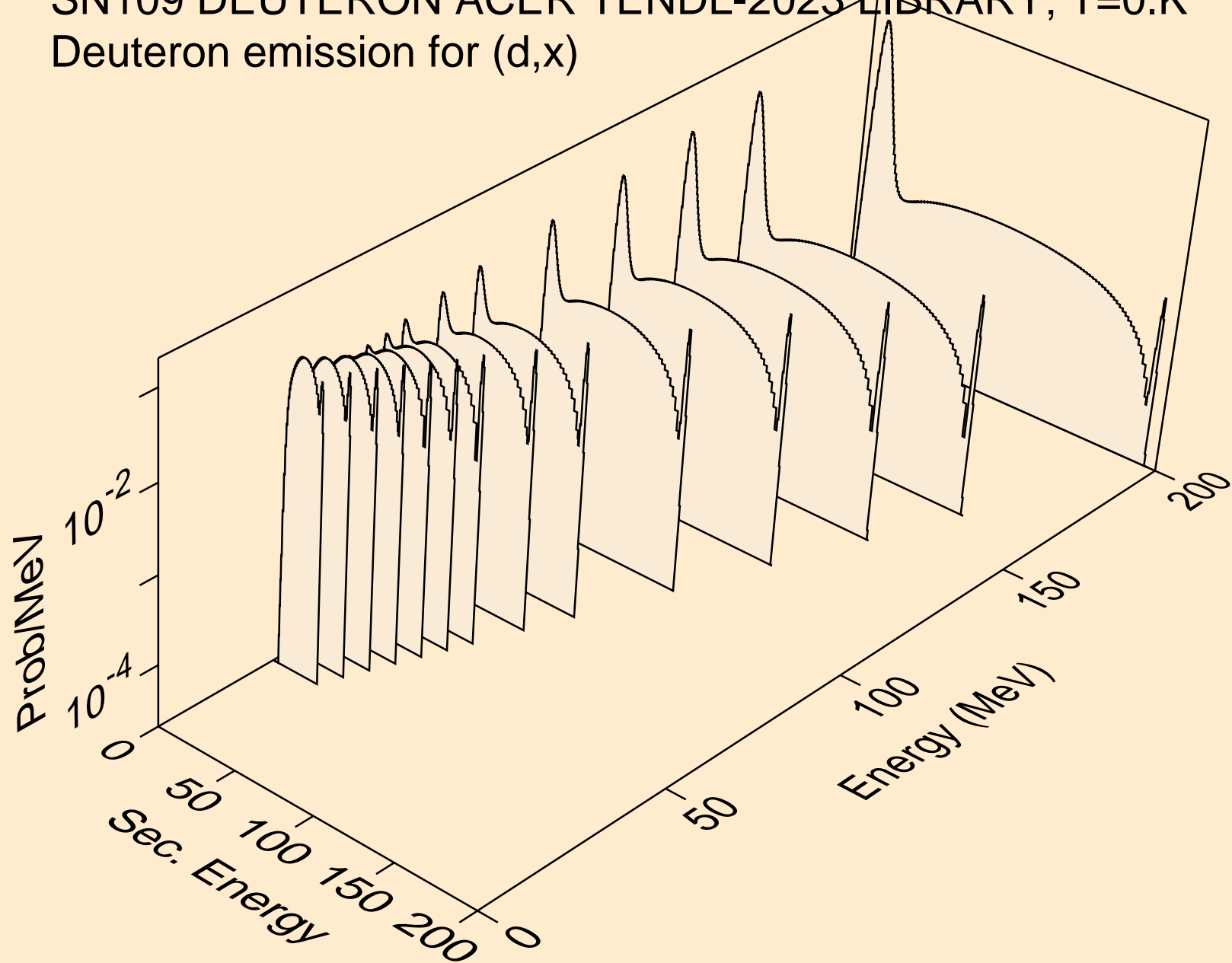




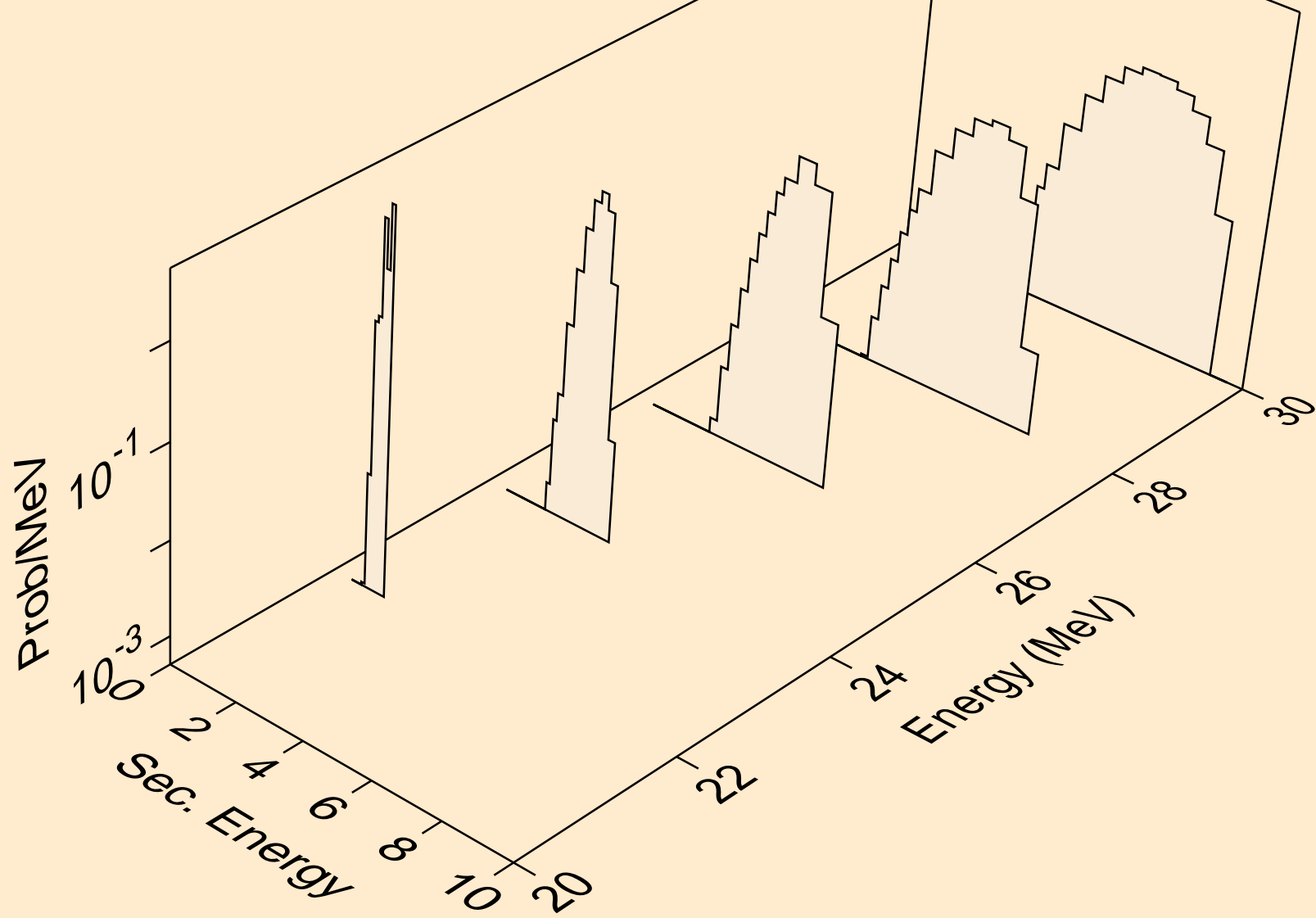
SN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



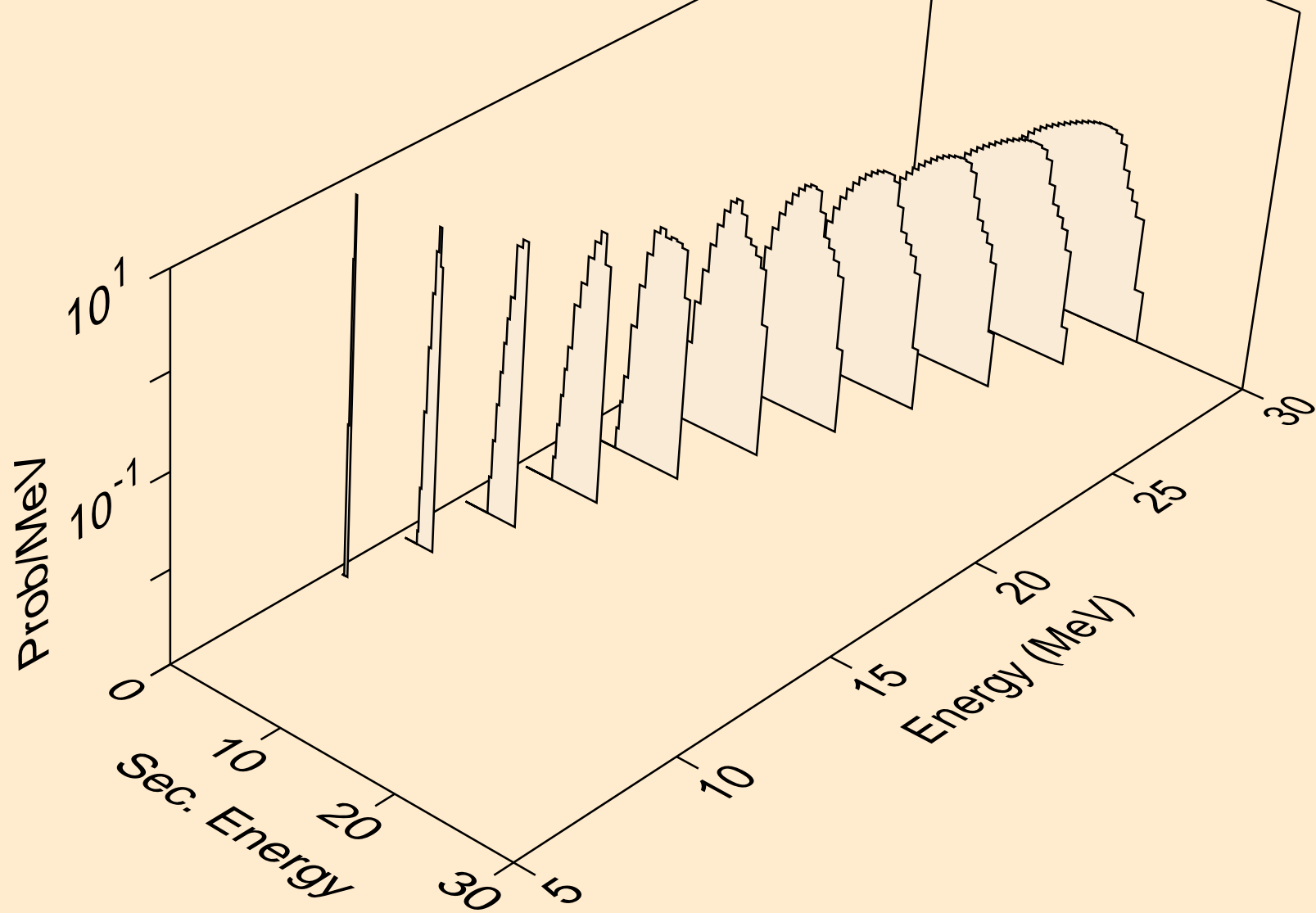
SN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for (d,x)



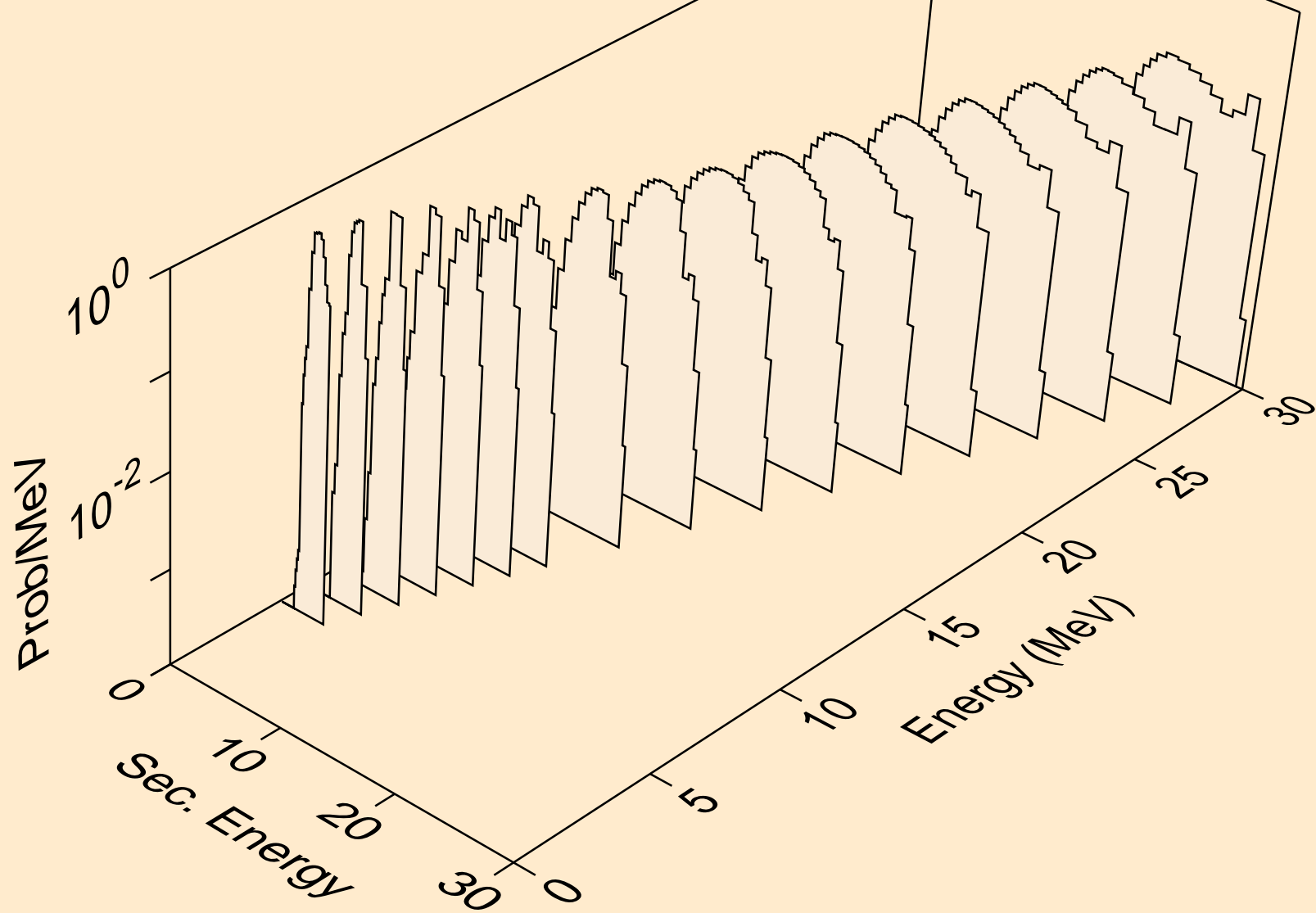
SN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for (d,2nd)



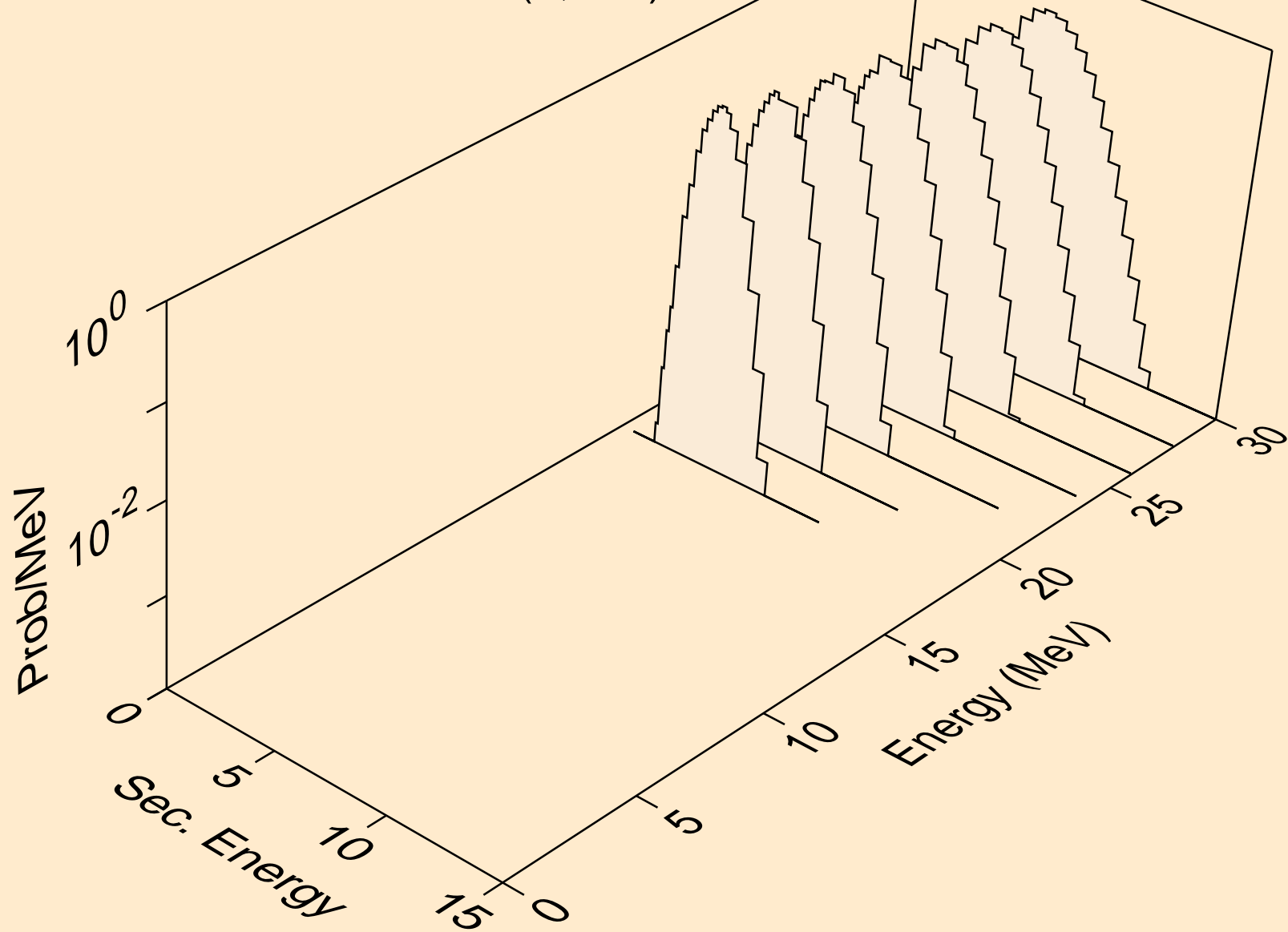
SN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for (d,n\*)d



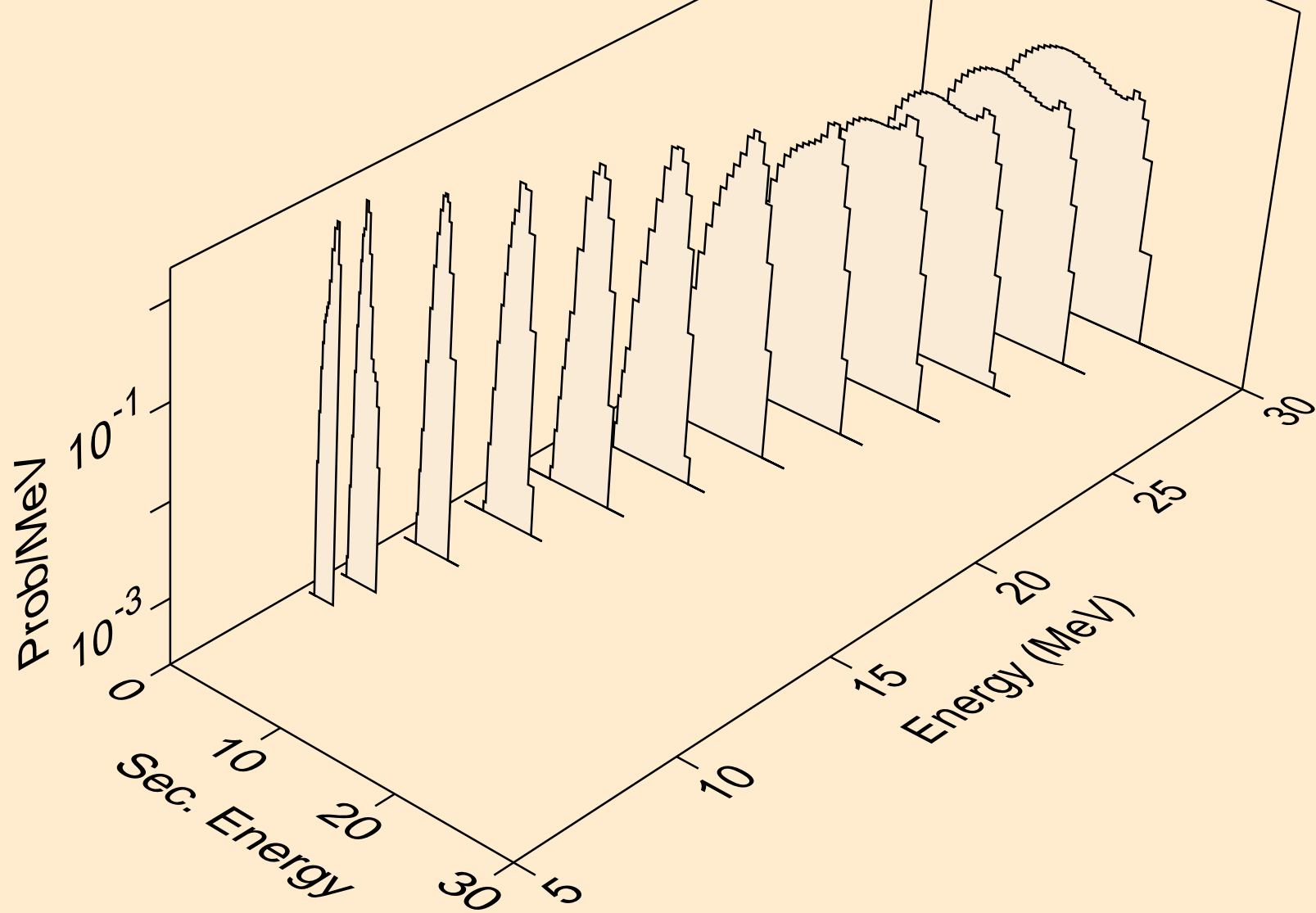
SN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for inelastic



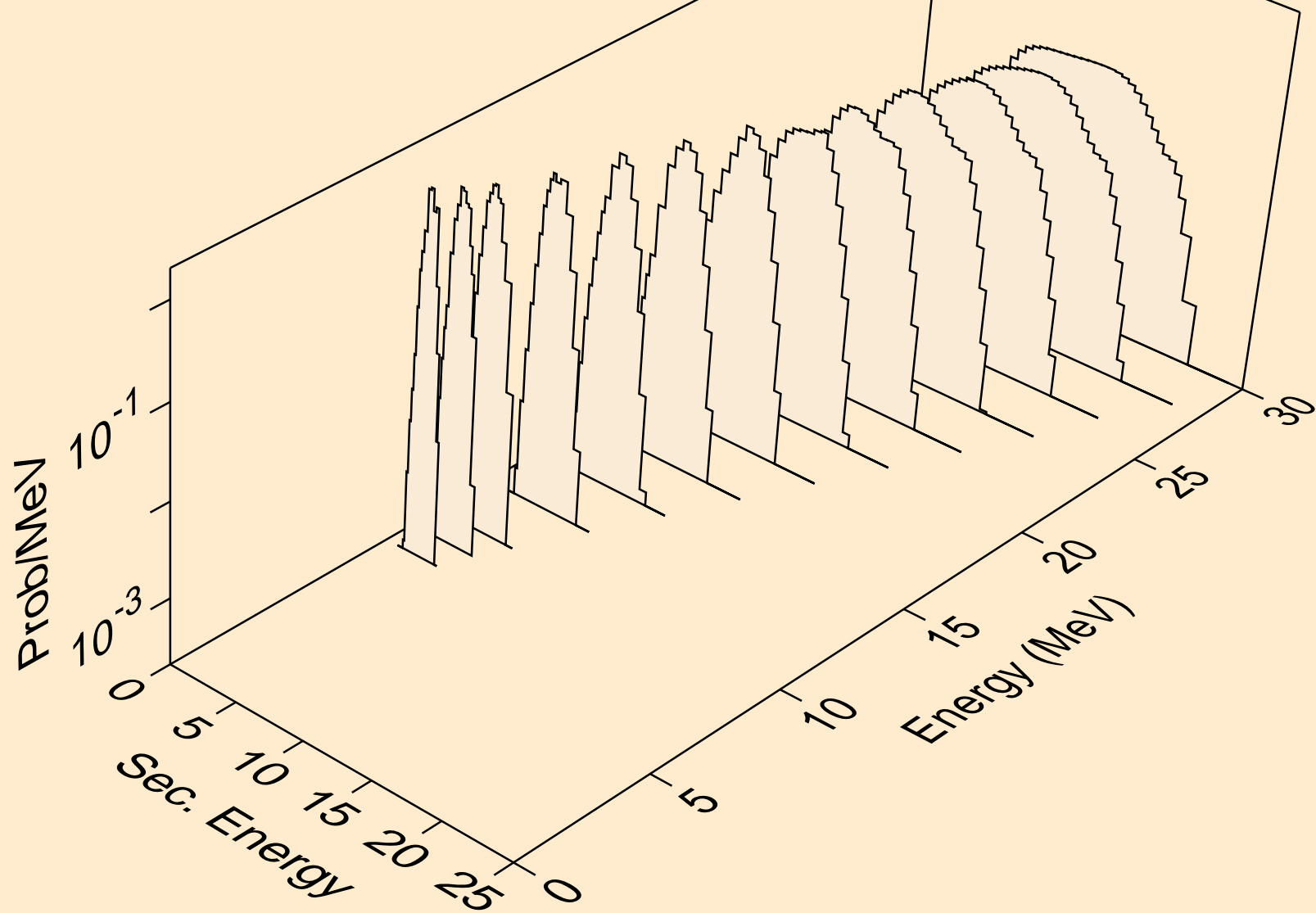
SN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for (d,d2a)



SN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for (d,pd)

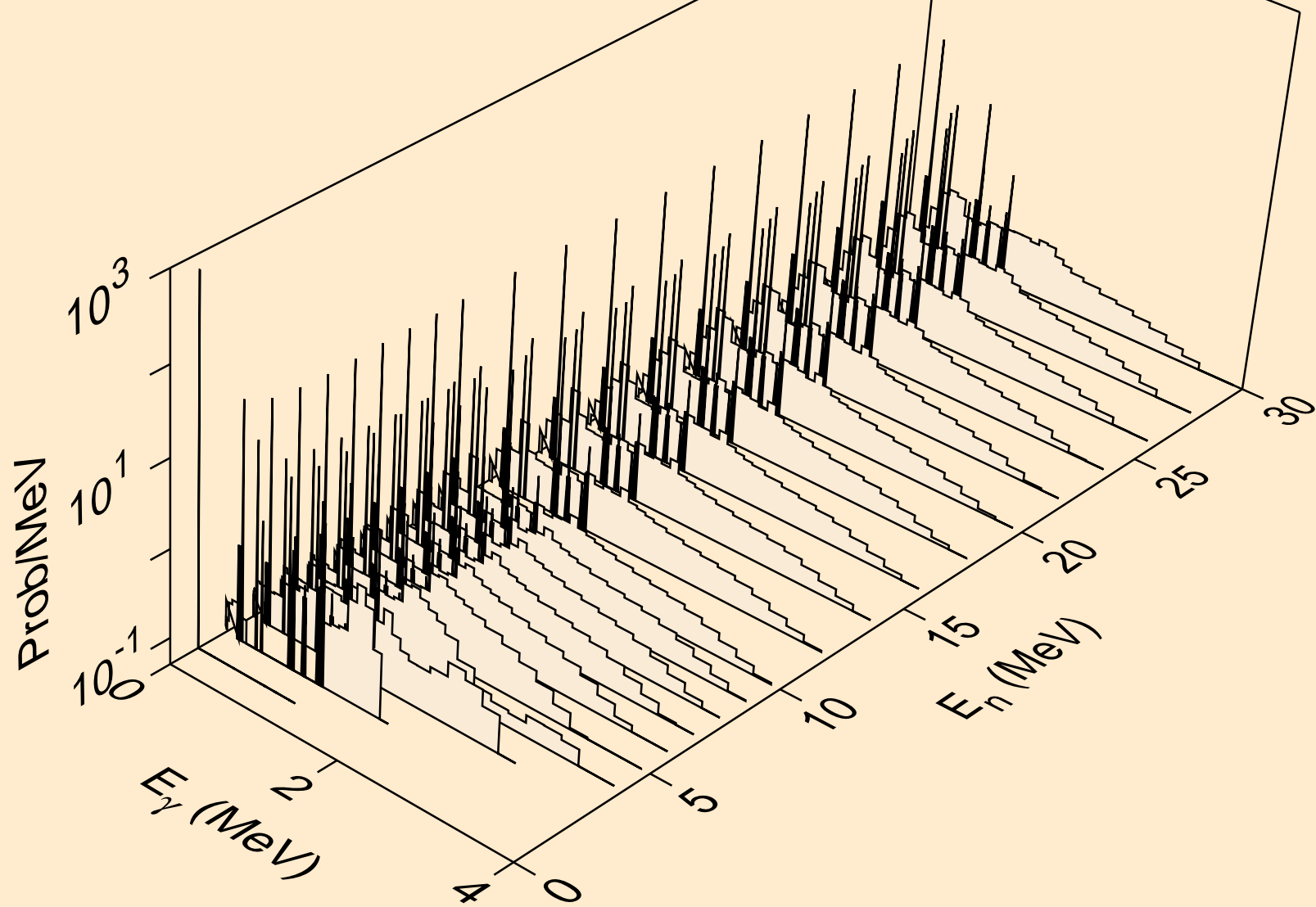


SN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for (d,da)

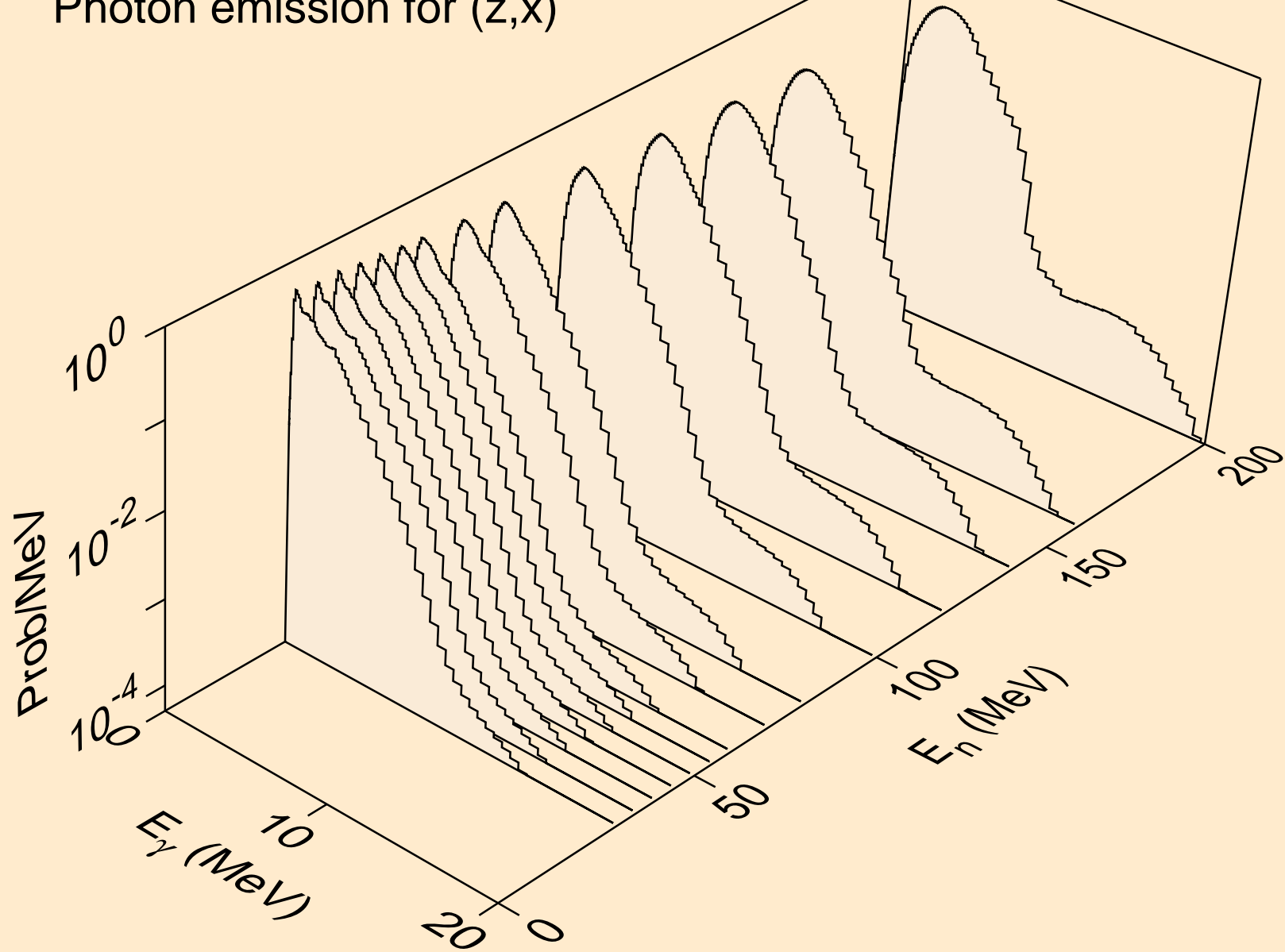




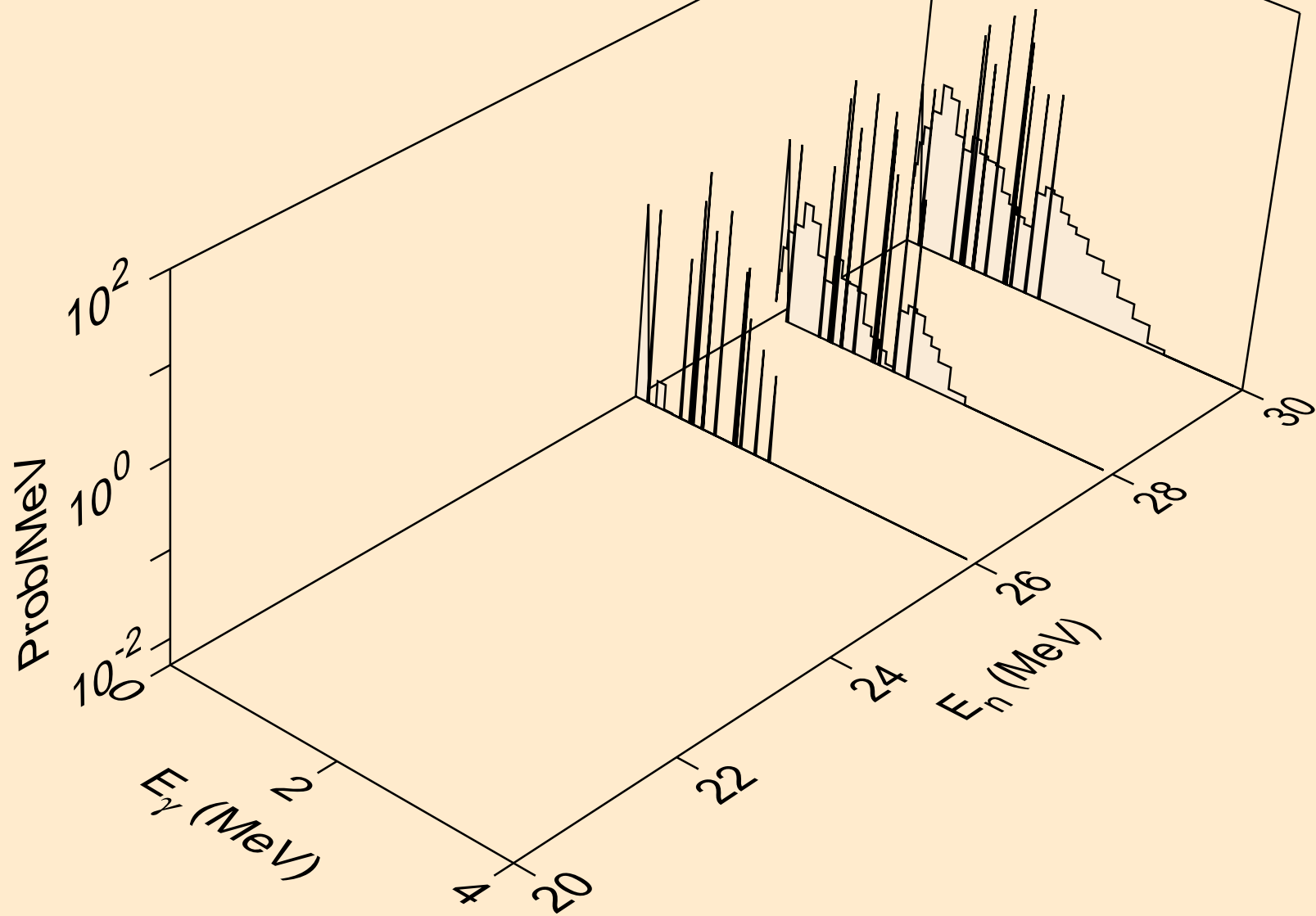
SN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



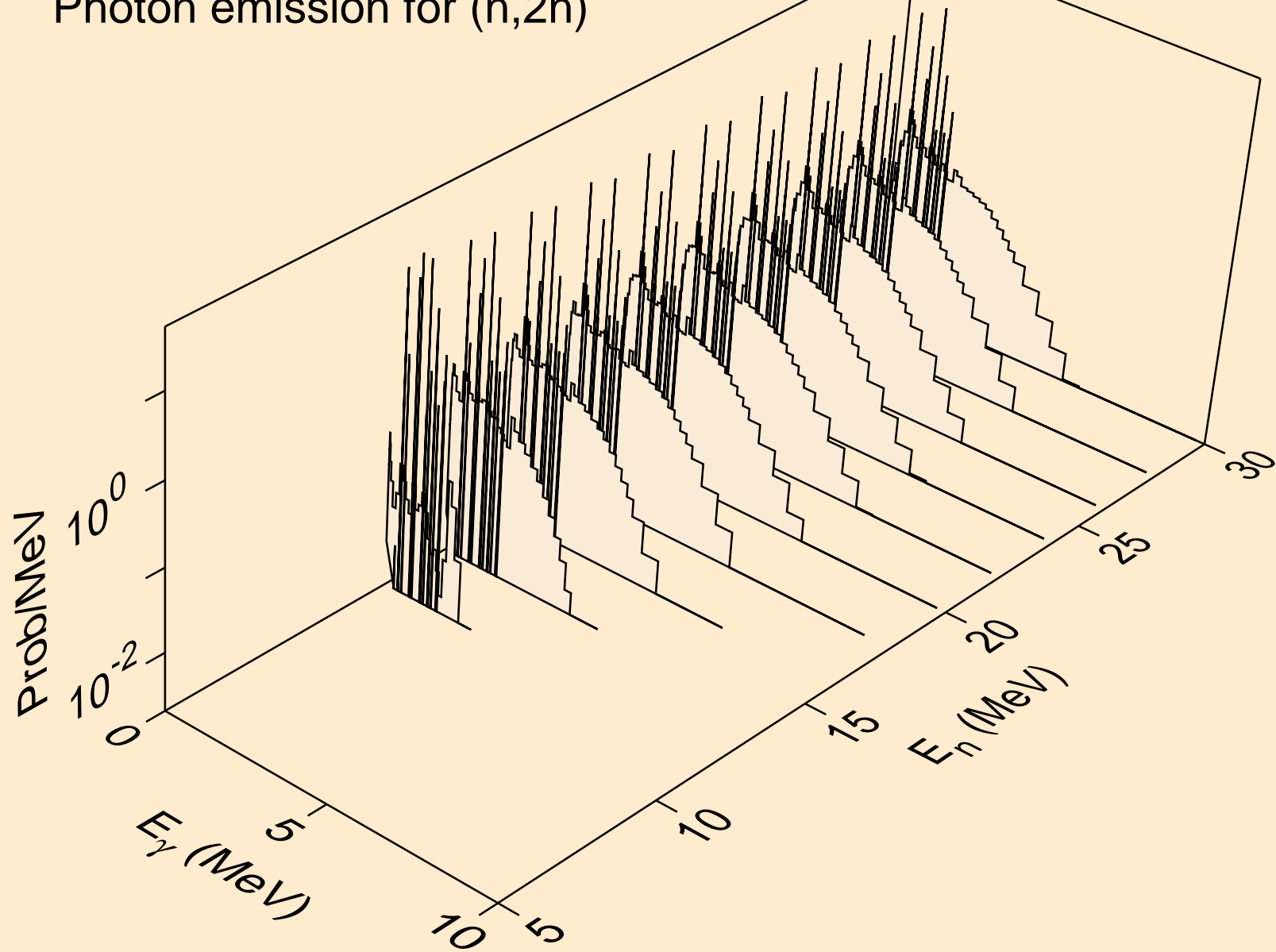
SN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



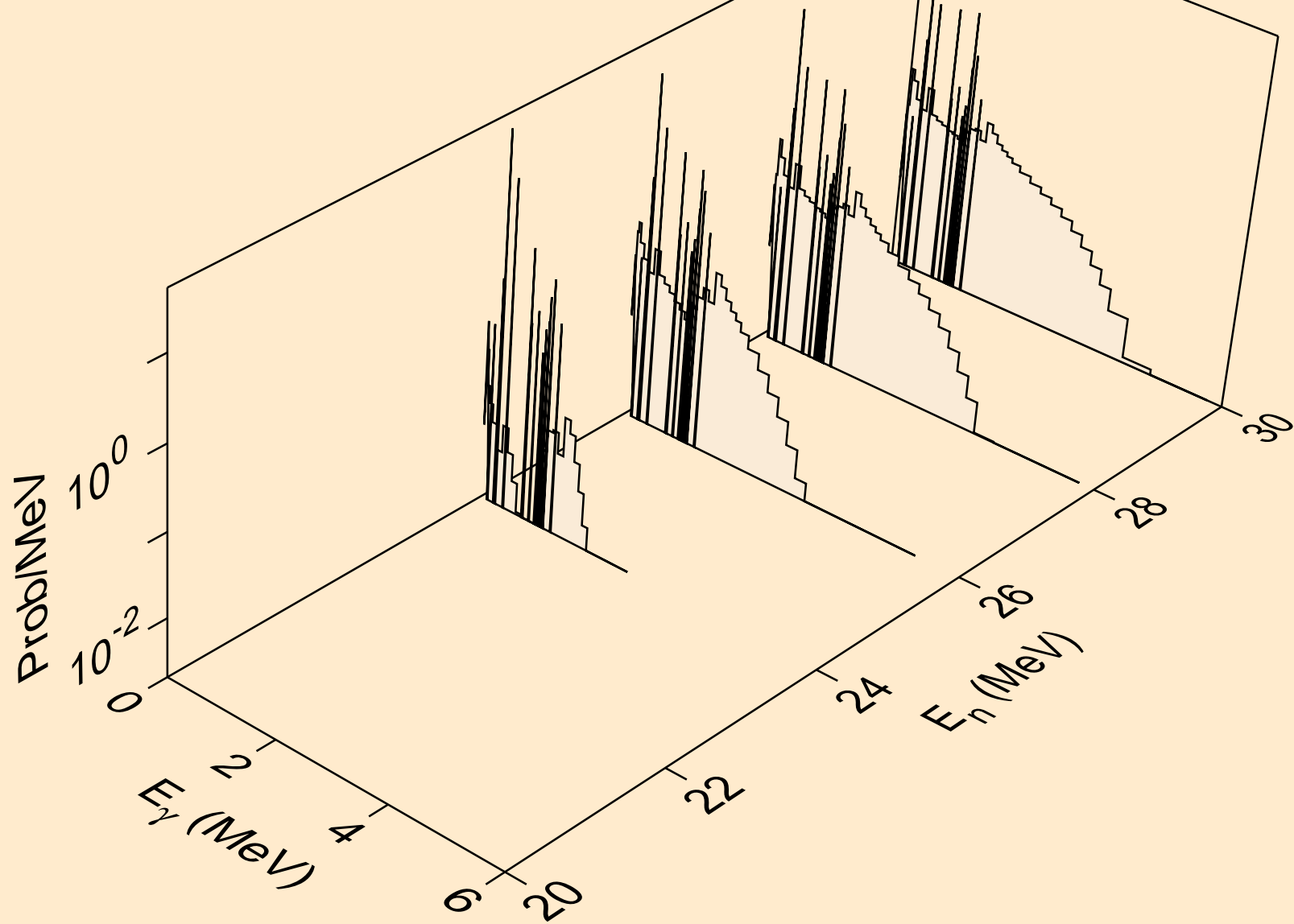
SN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



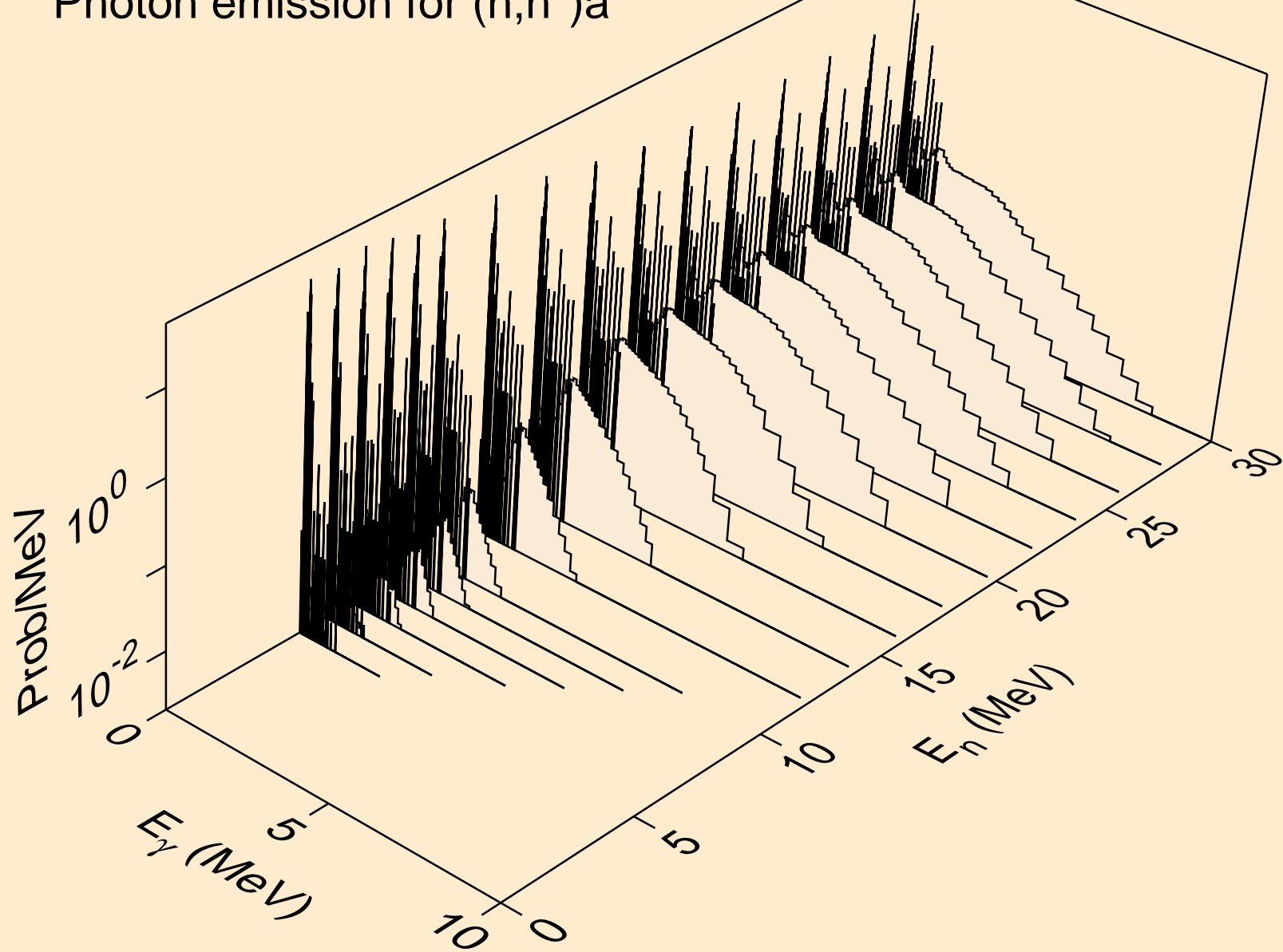
SN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



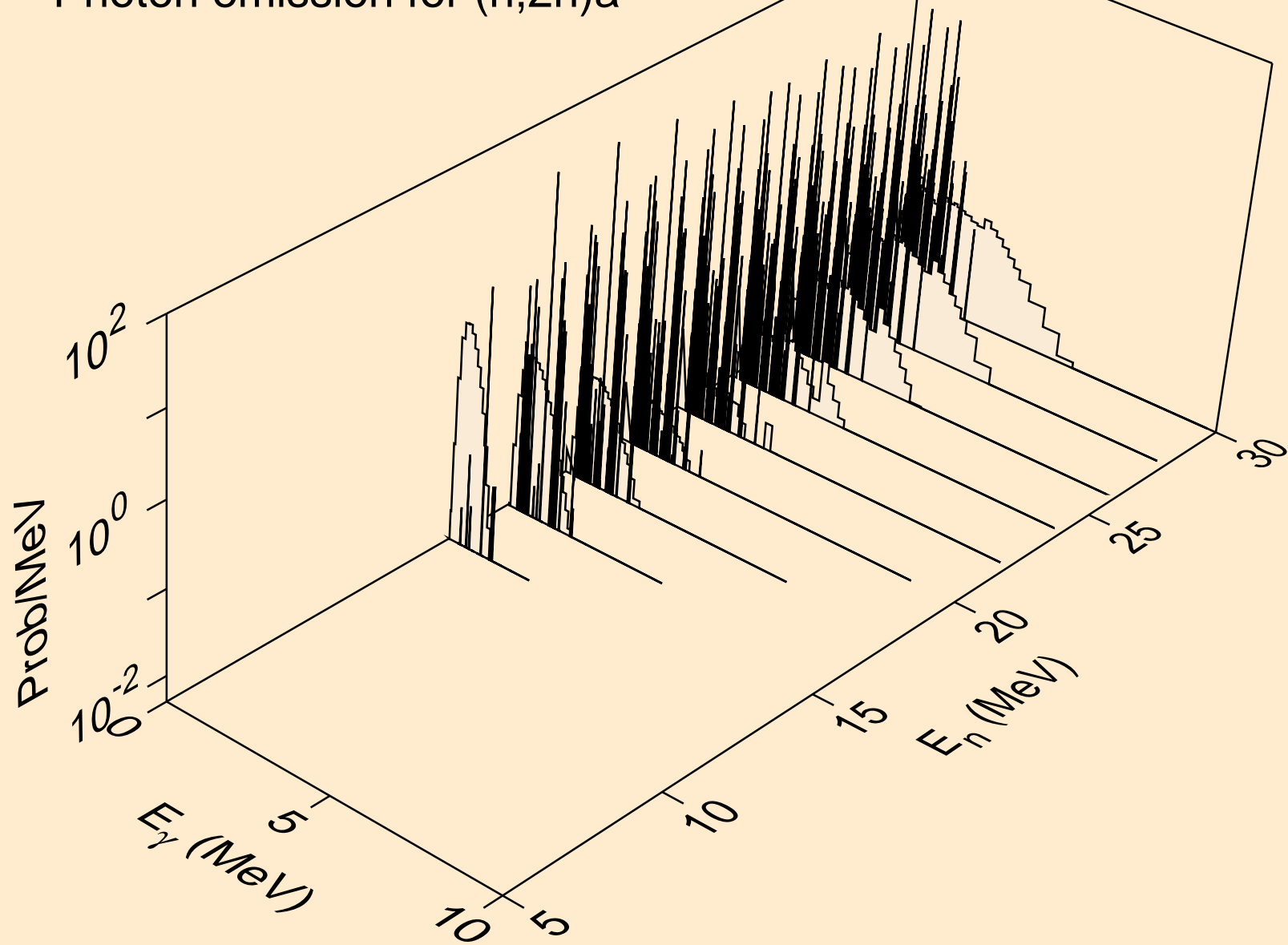
SN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



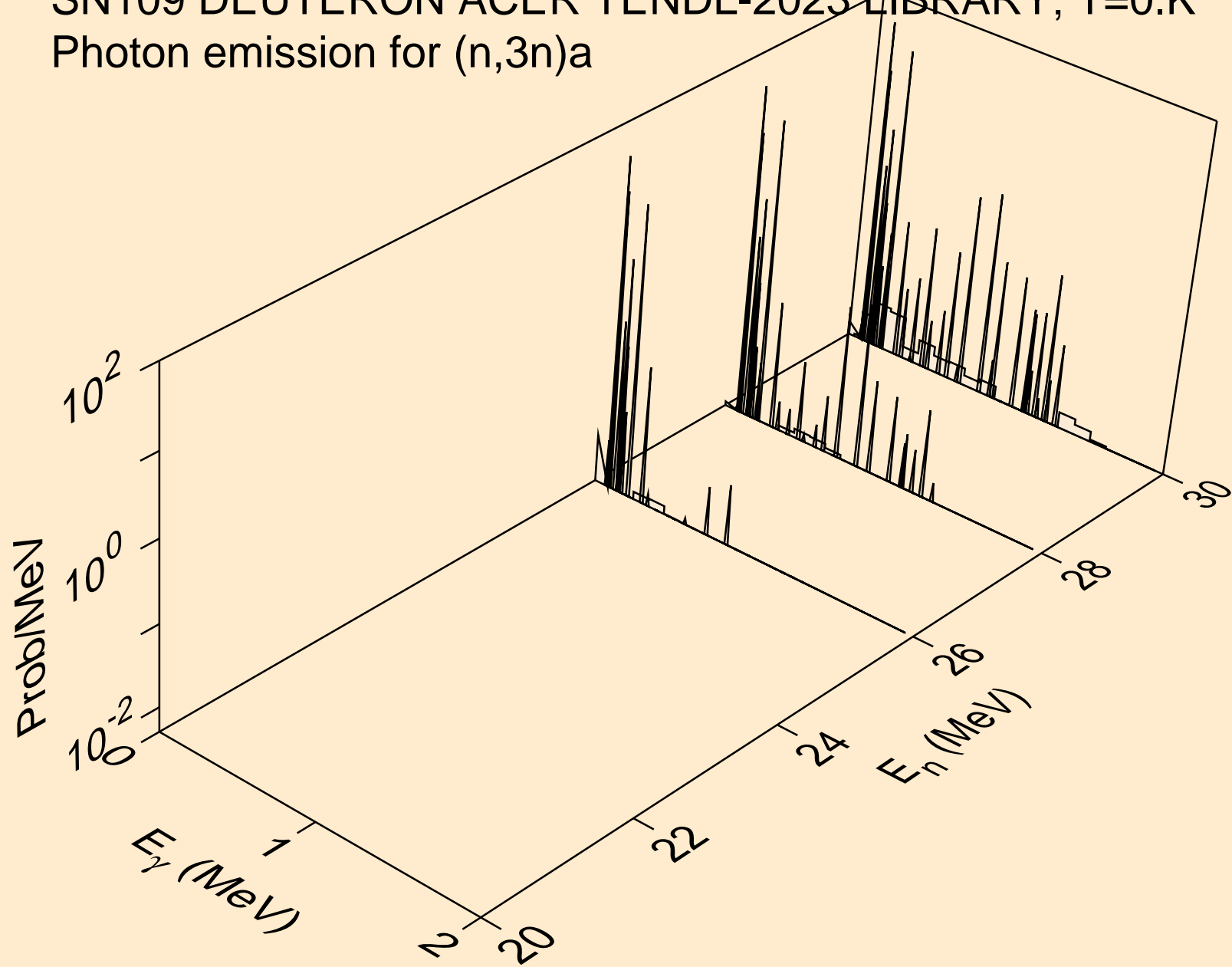
SN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



SN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

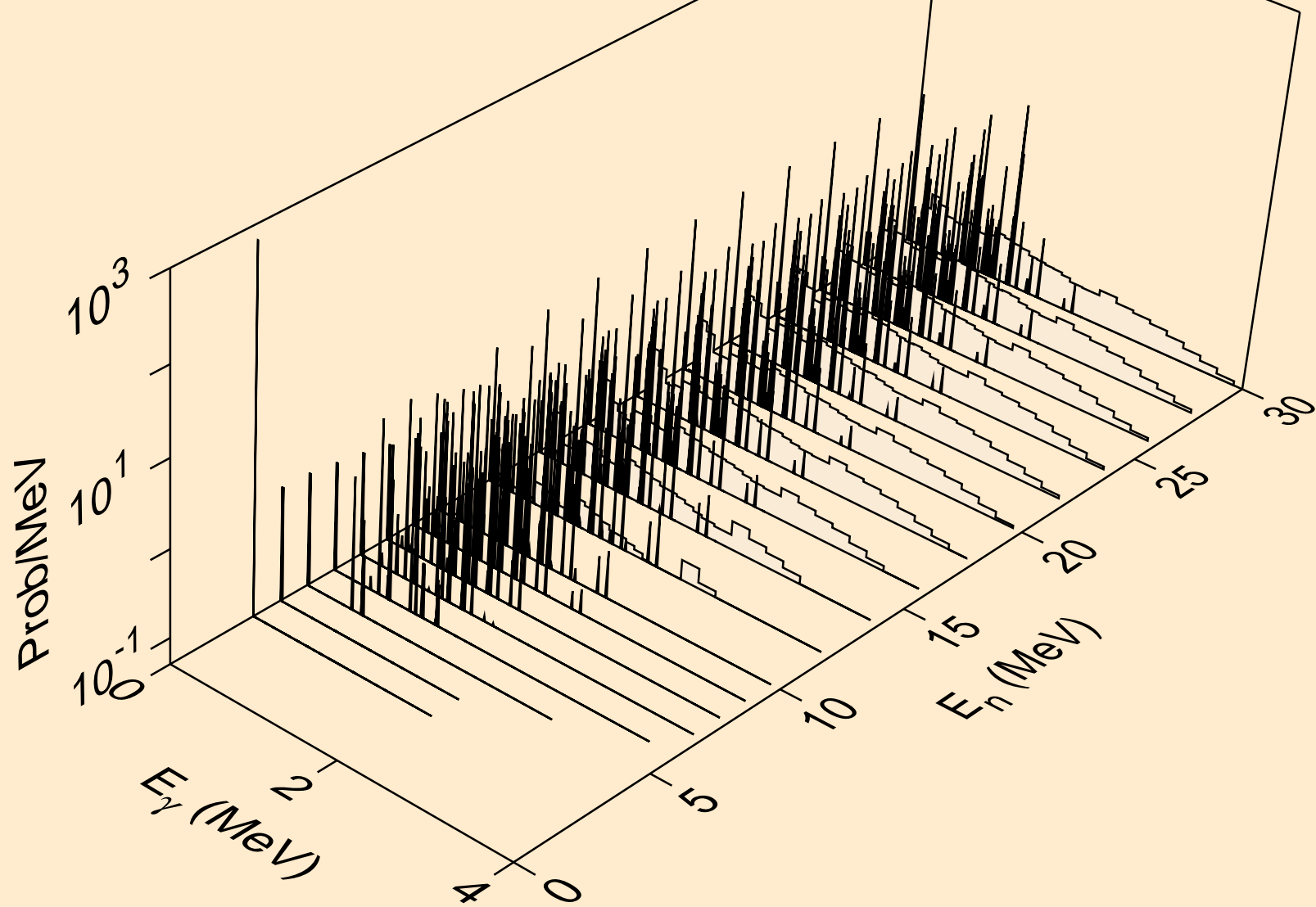


SN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a

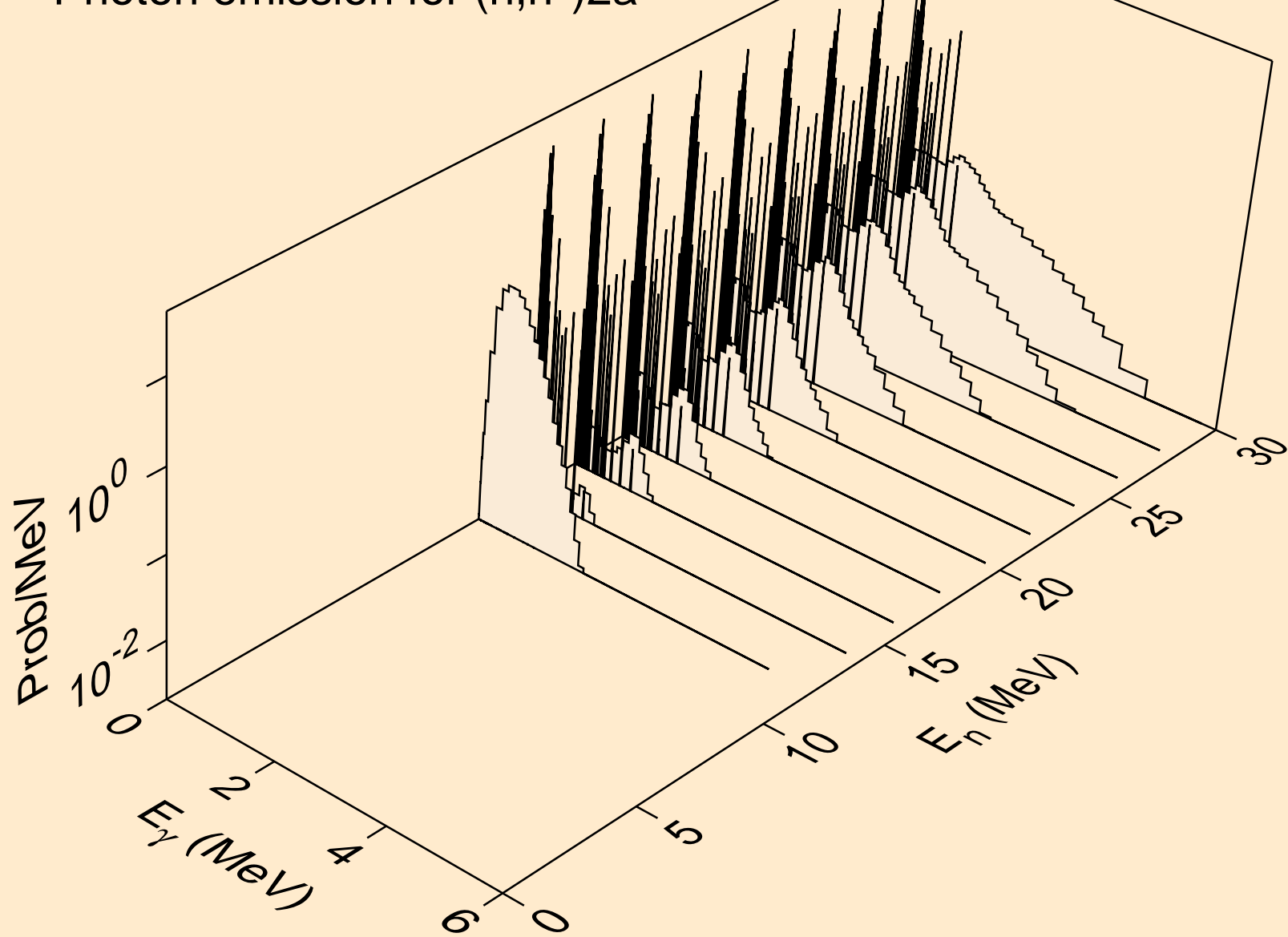




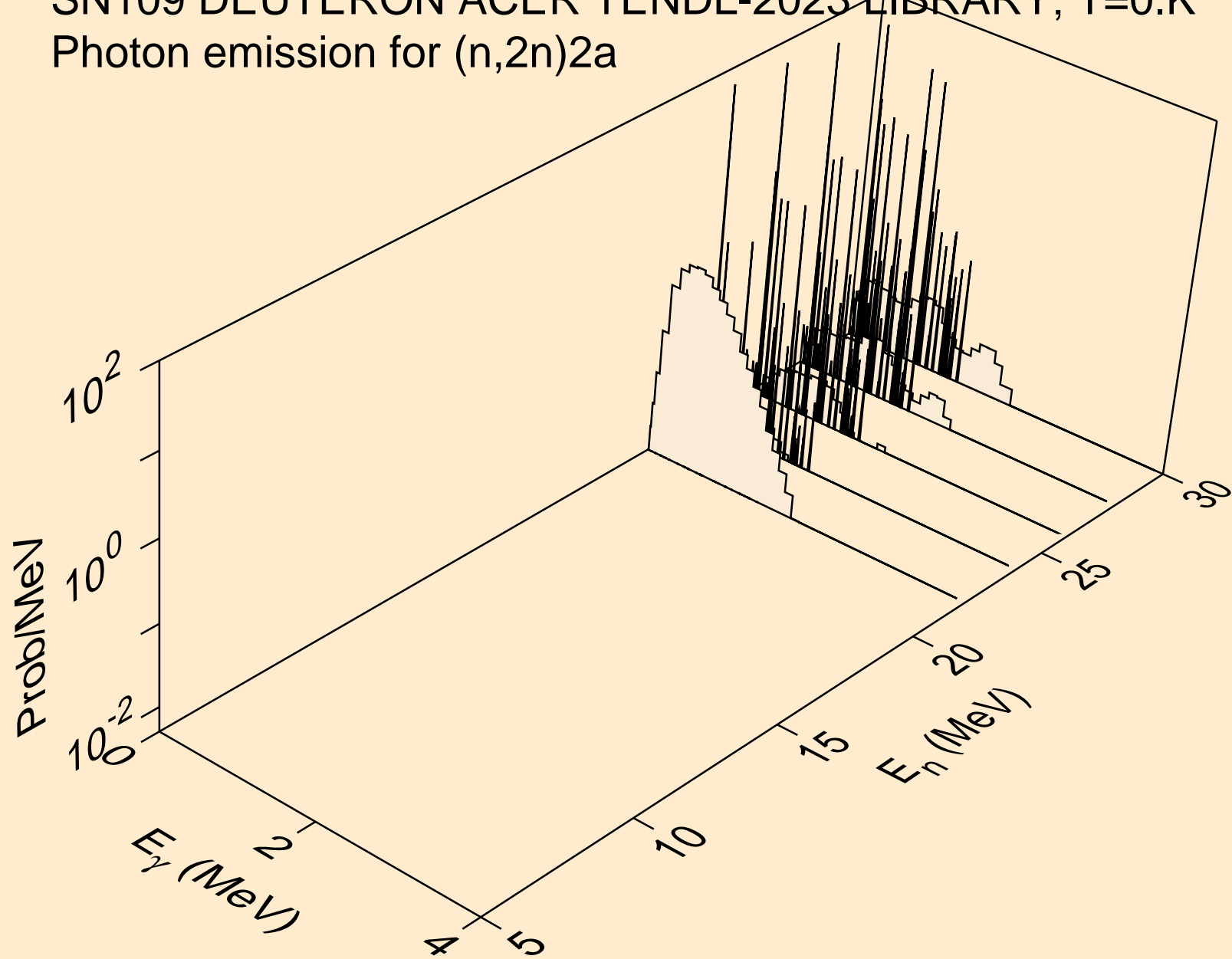
SN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



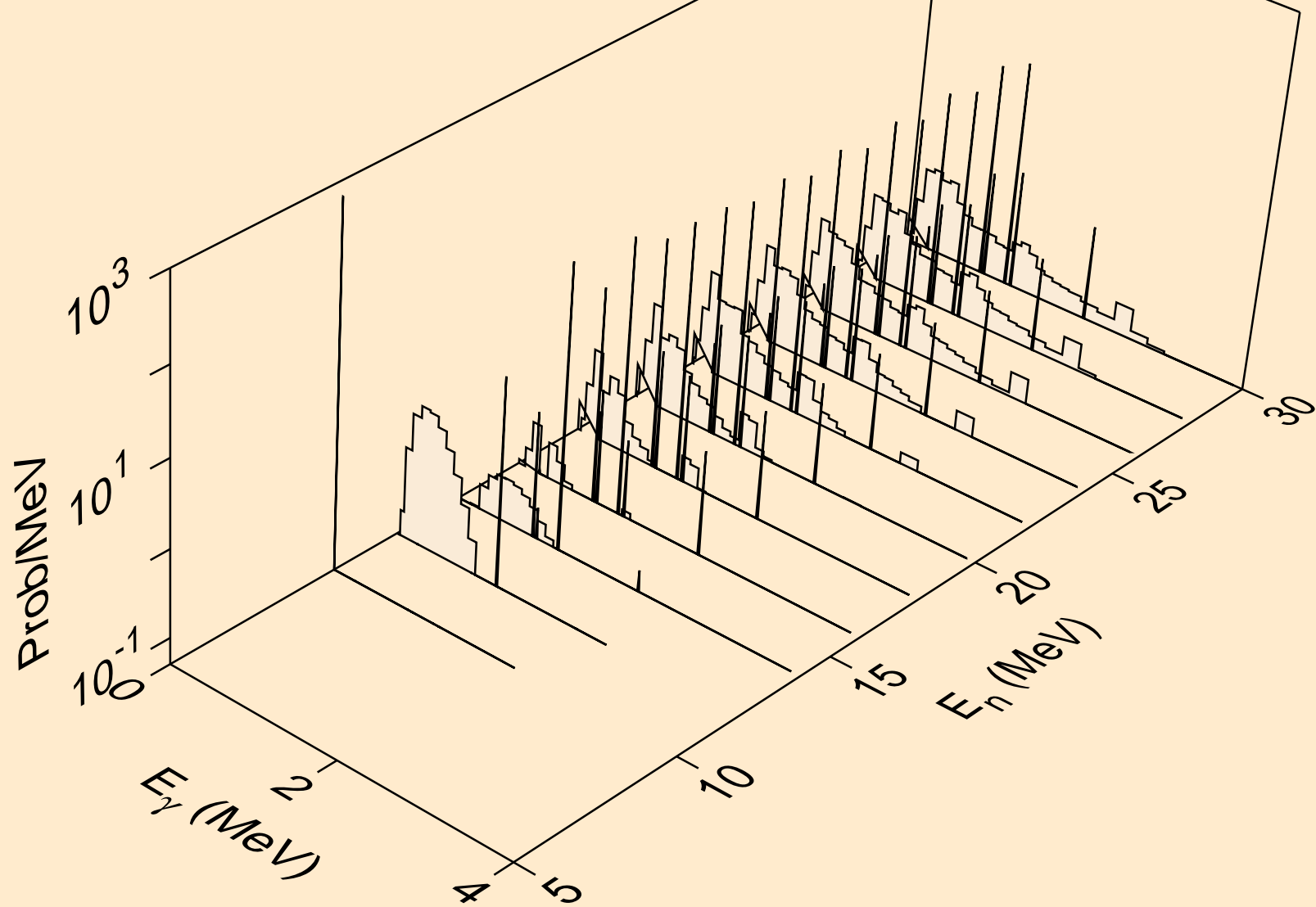
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Photon emission for (n,n\*)2a



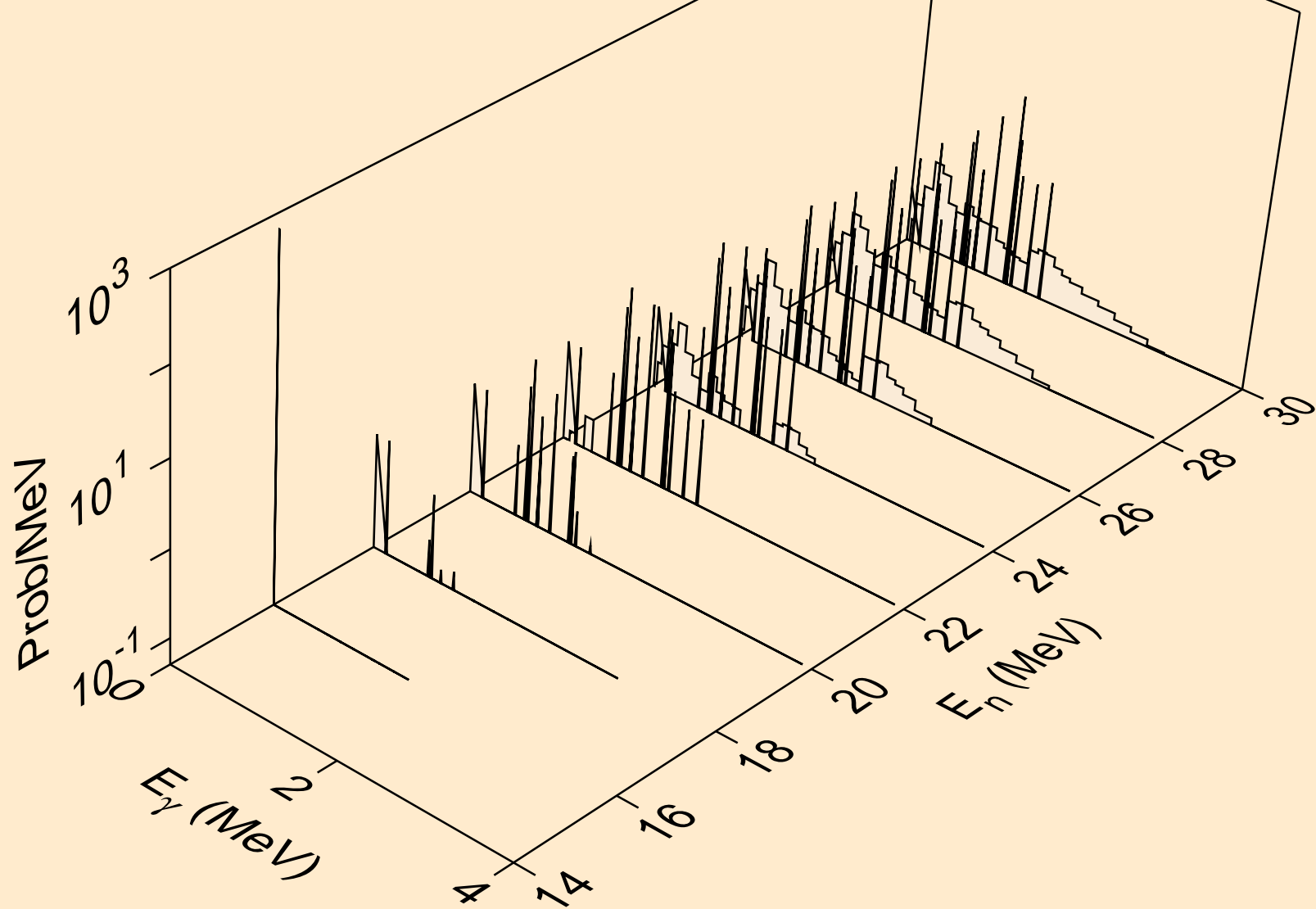
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Photon emission for (n,2n)2a



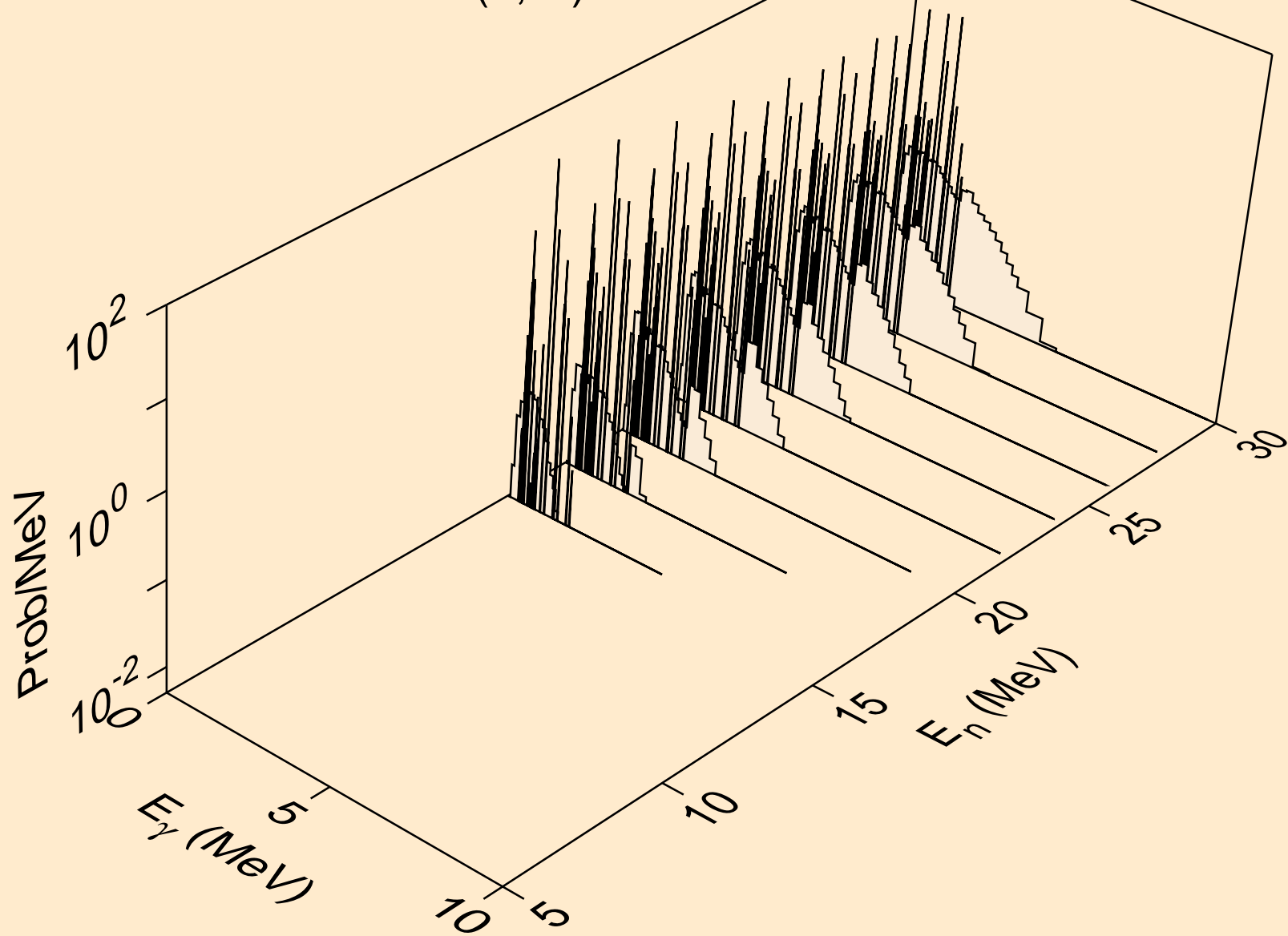
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Photon emission for (n,n\*)d



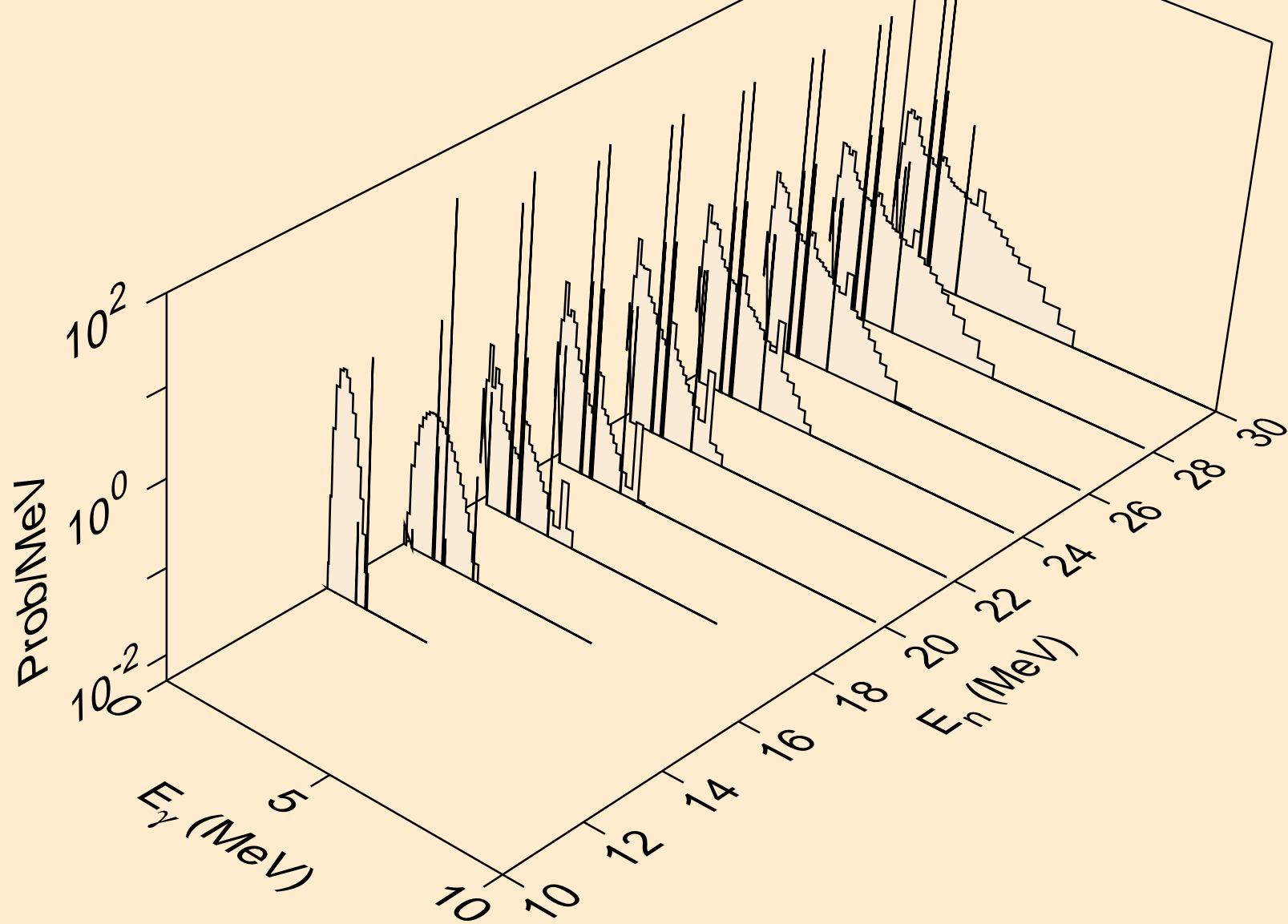
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Photon emission for (n,n\*)t



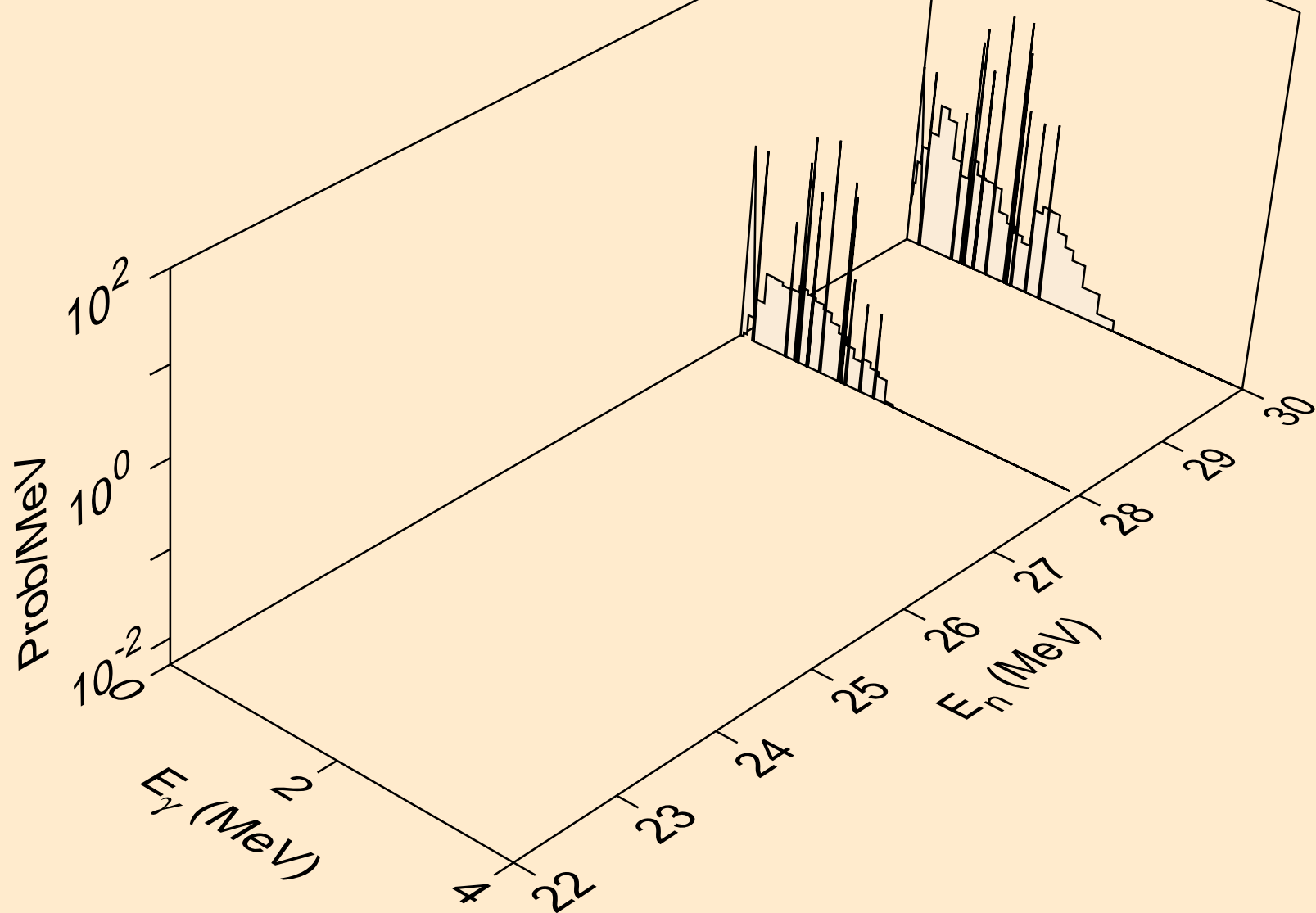
SN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



SN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

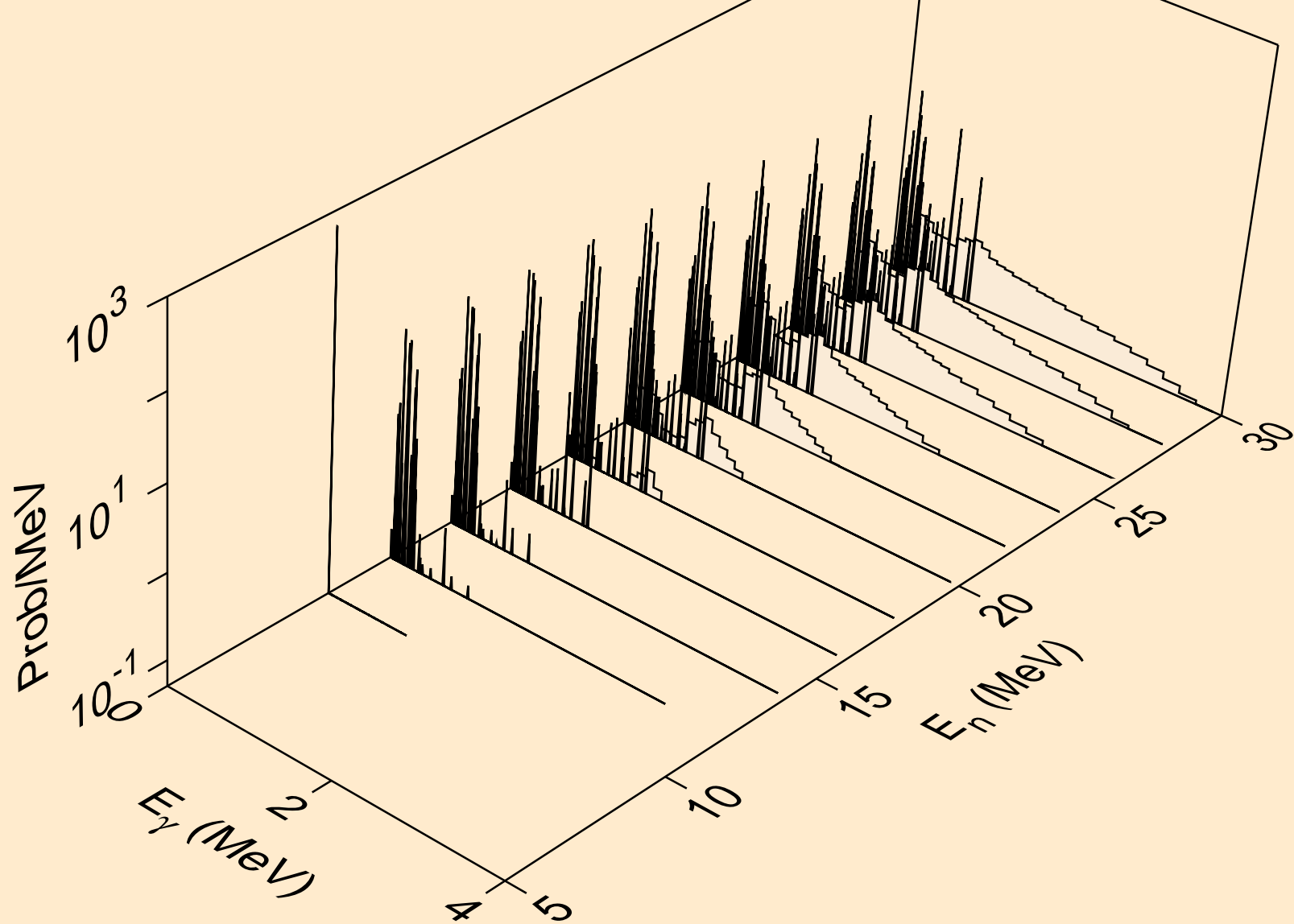


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Photon emission for (n,3np)

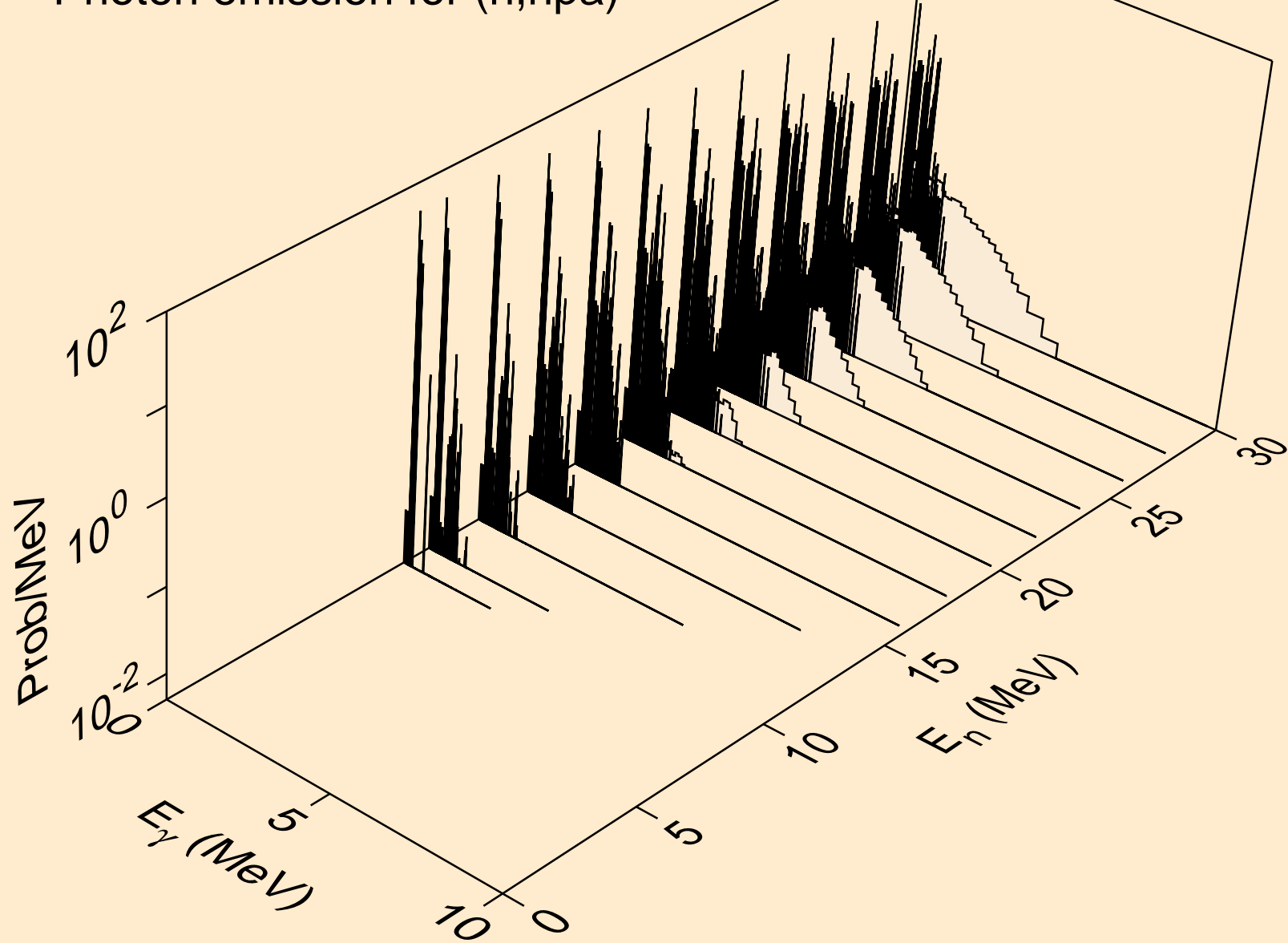




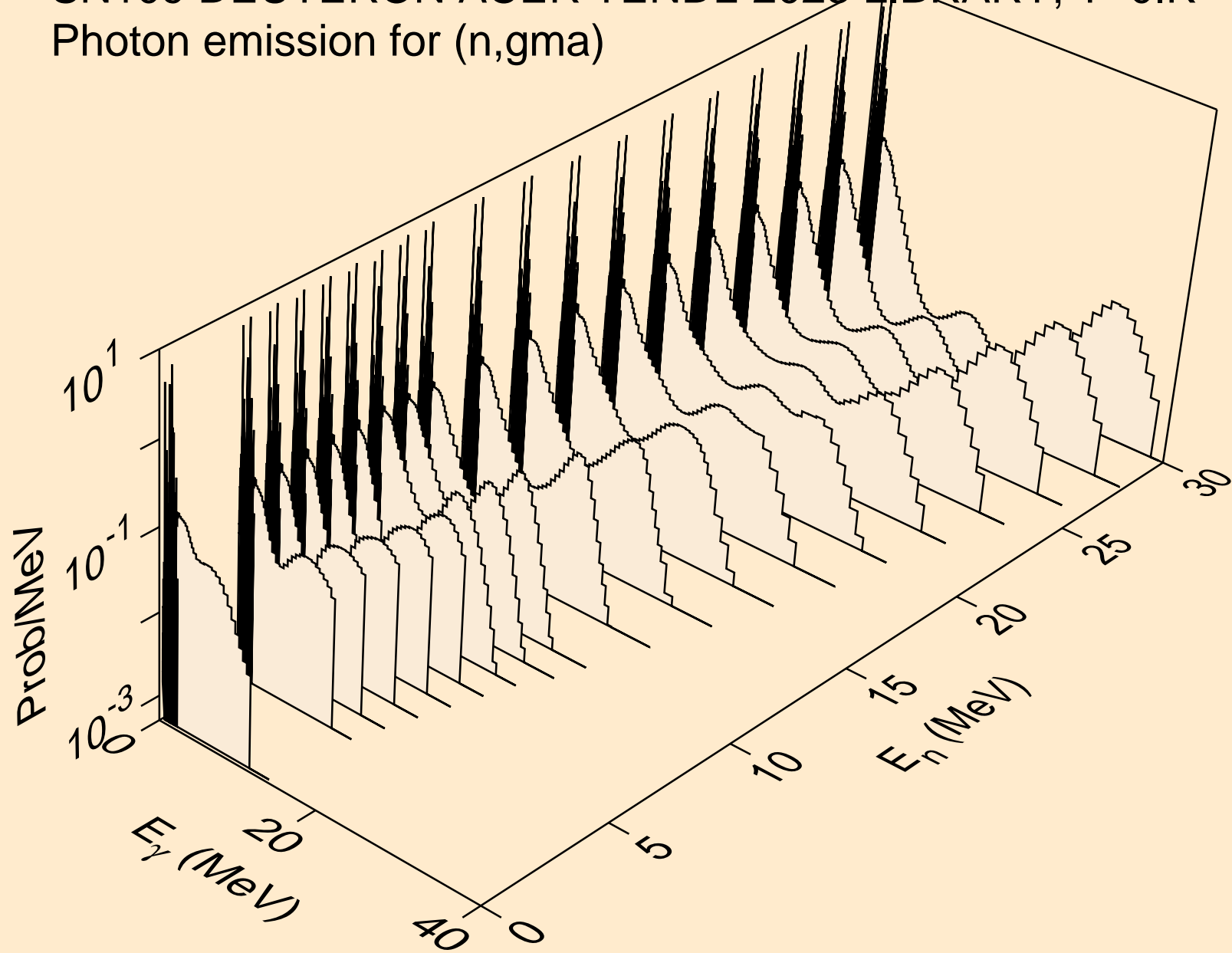
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Photon emission for (n,n2p)



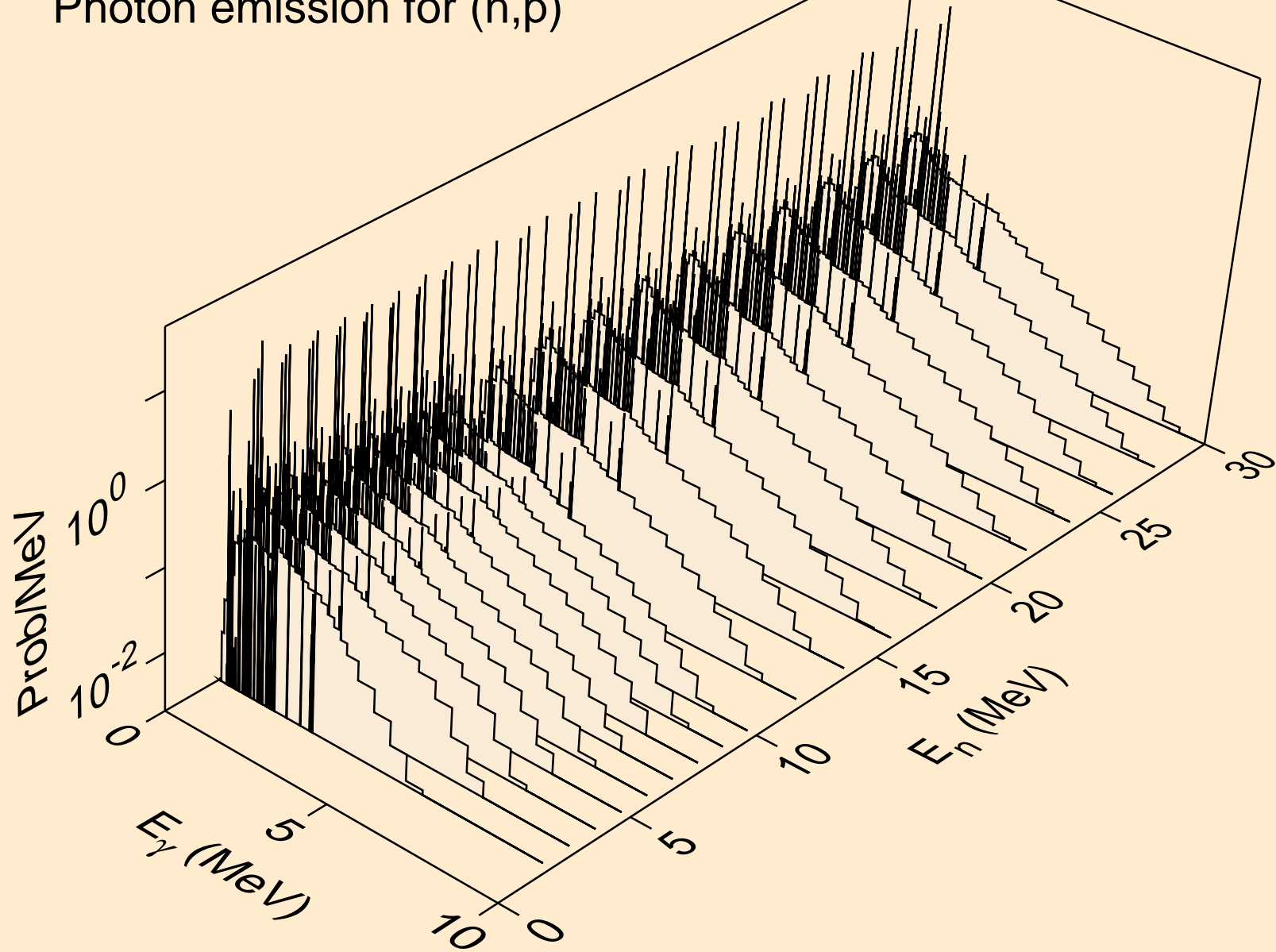
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Photon emission for (n,npa)



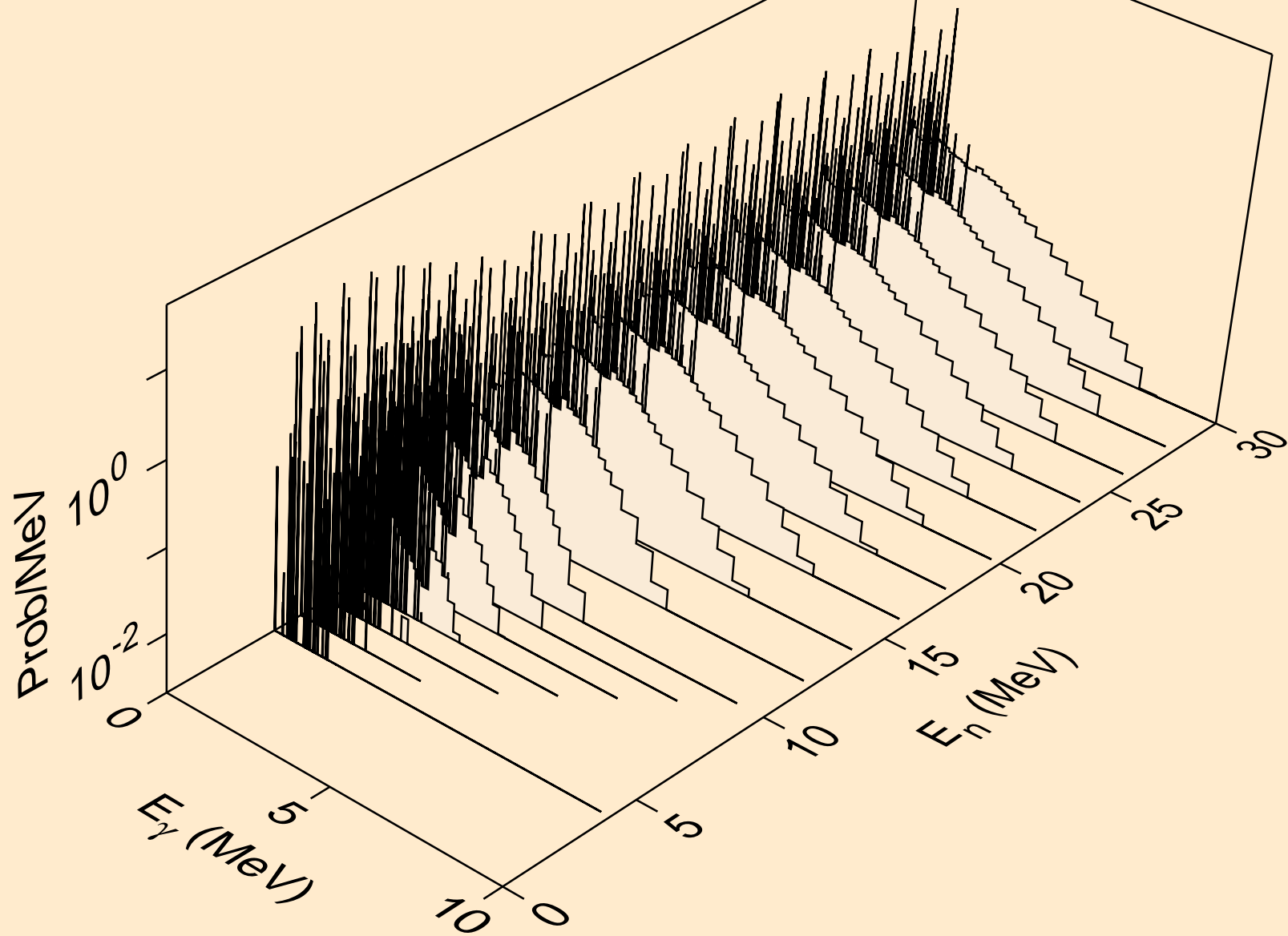
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Photon emission for (n,gma)



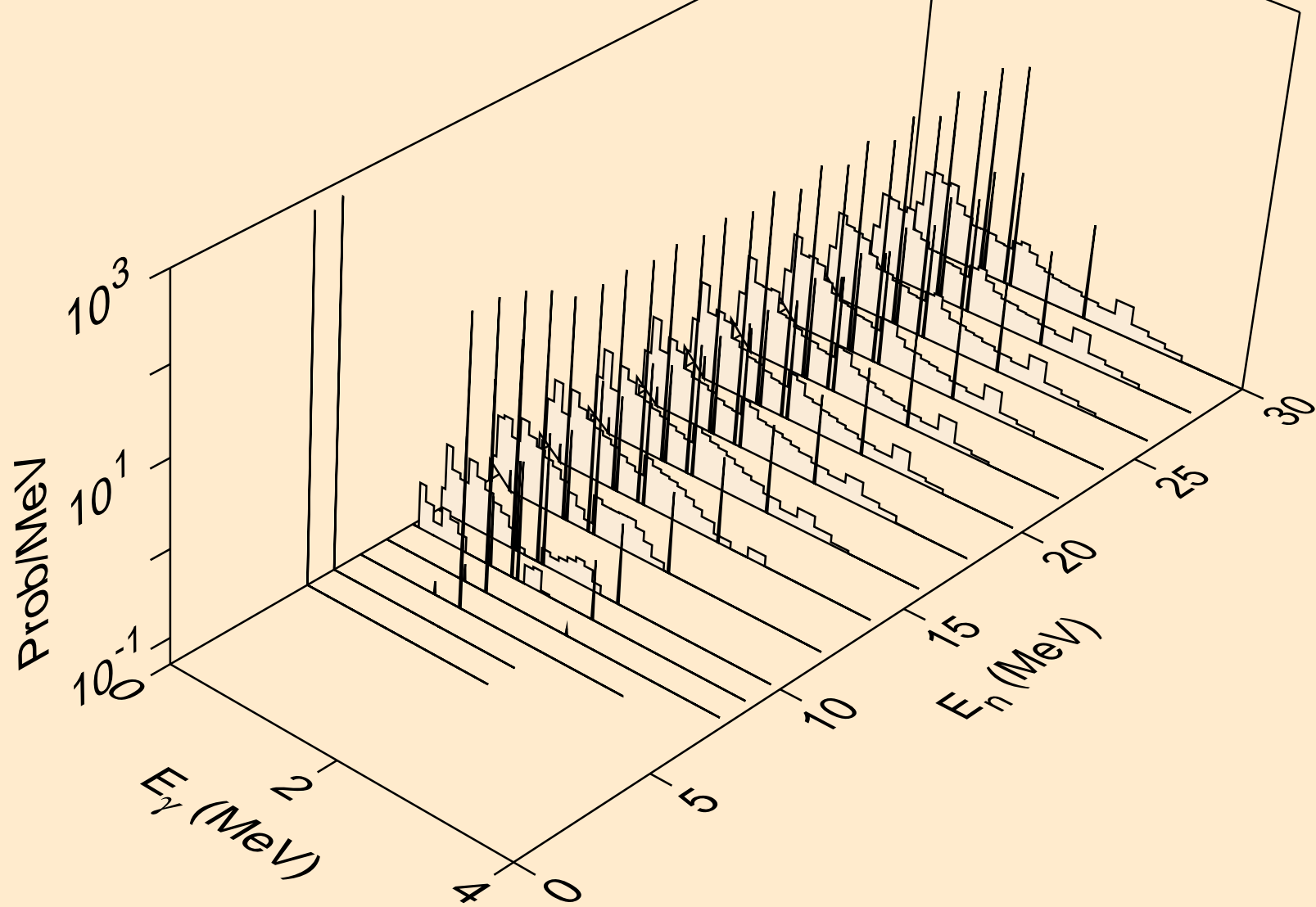
SN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



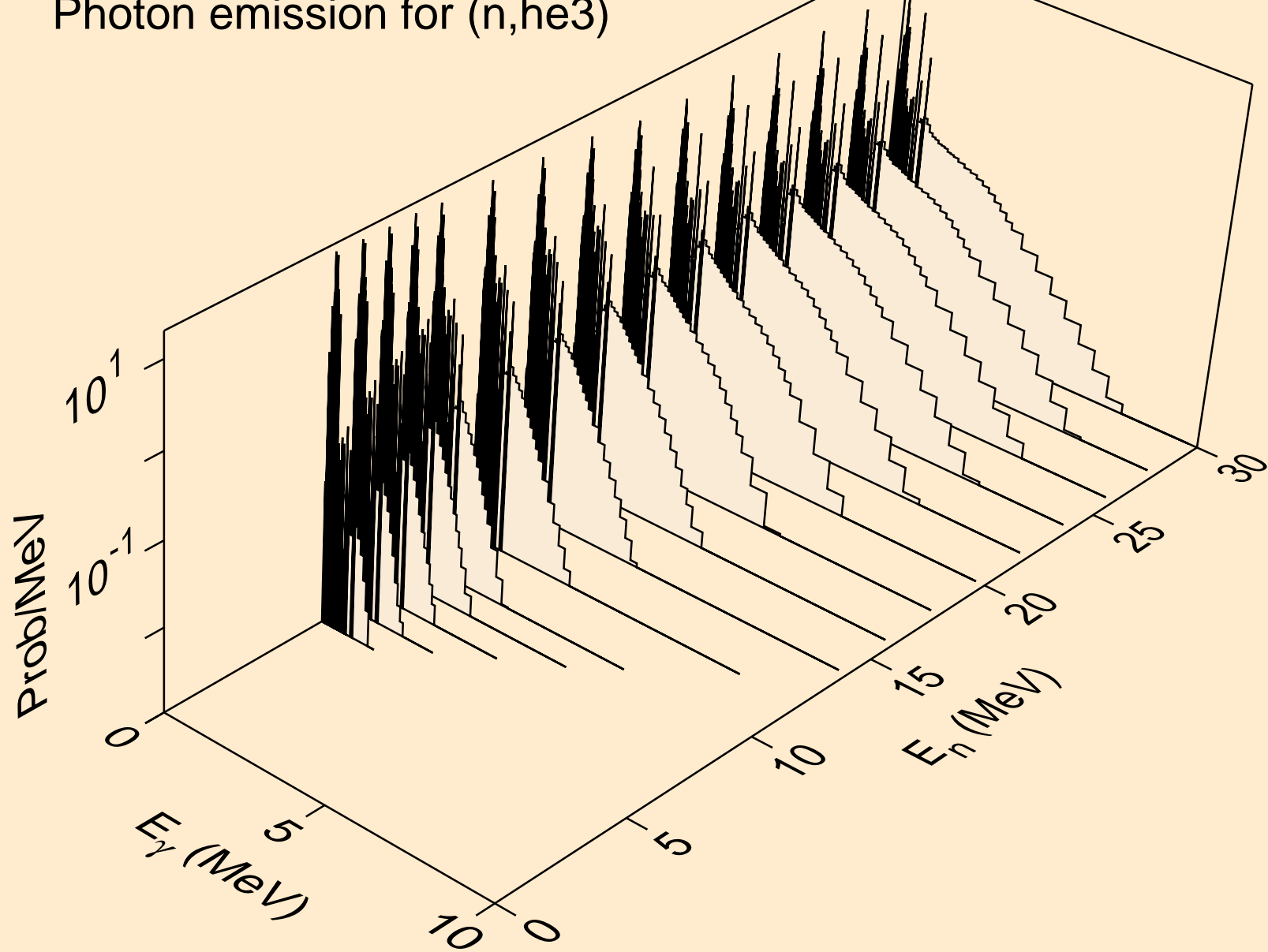
SN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



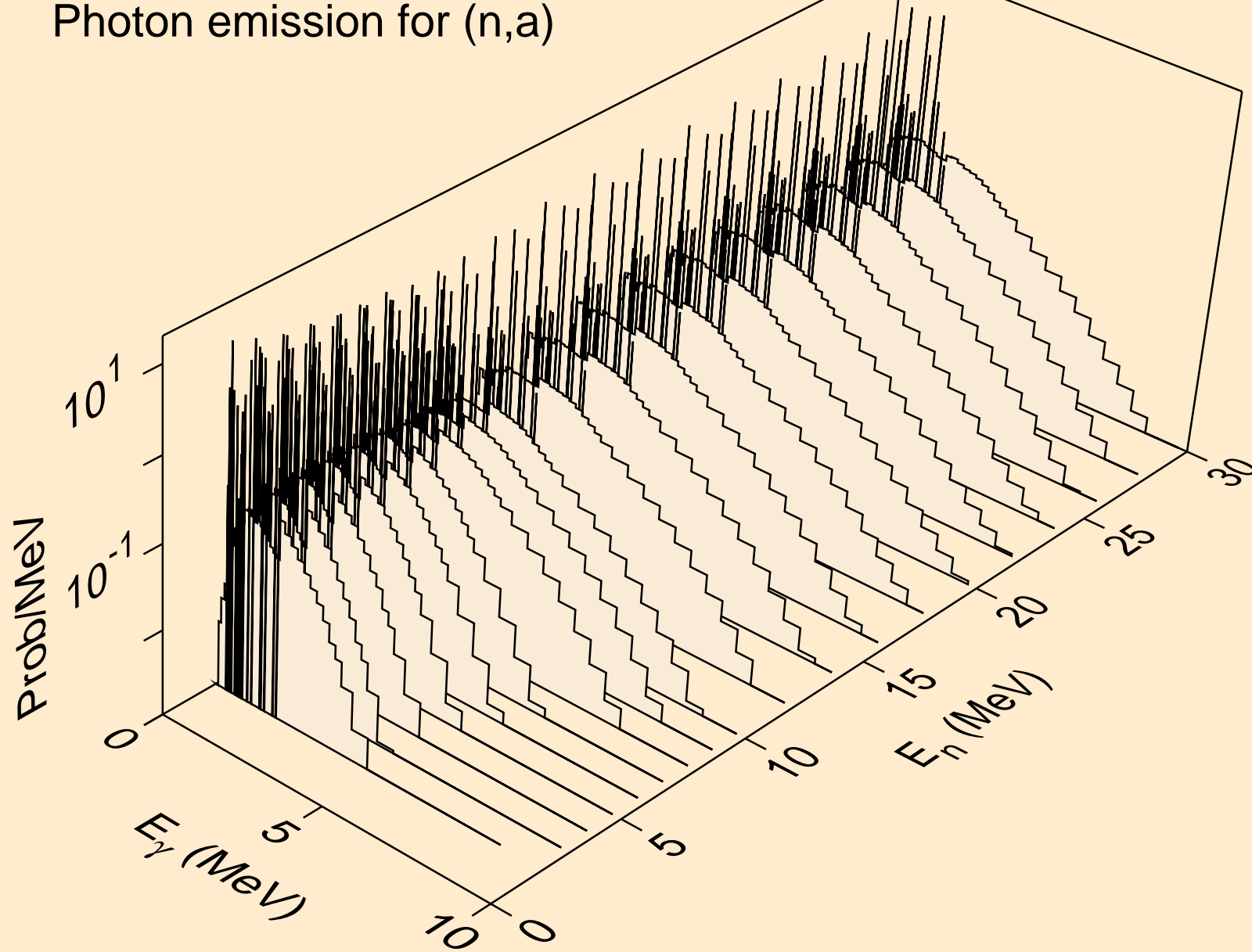
SN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



SN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)

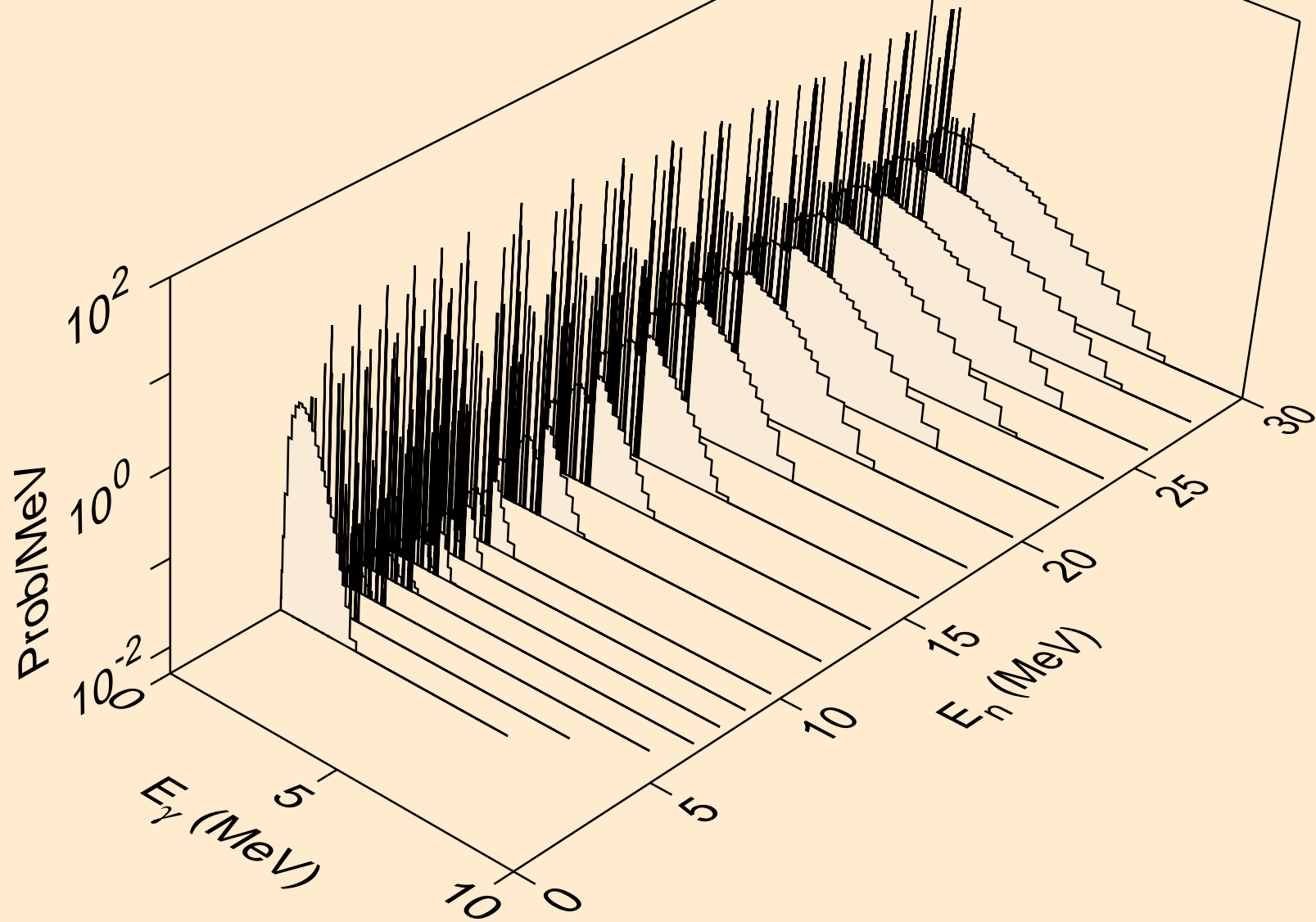


SN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)

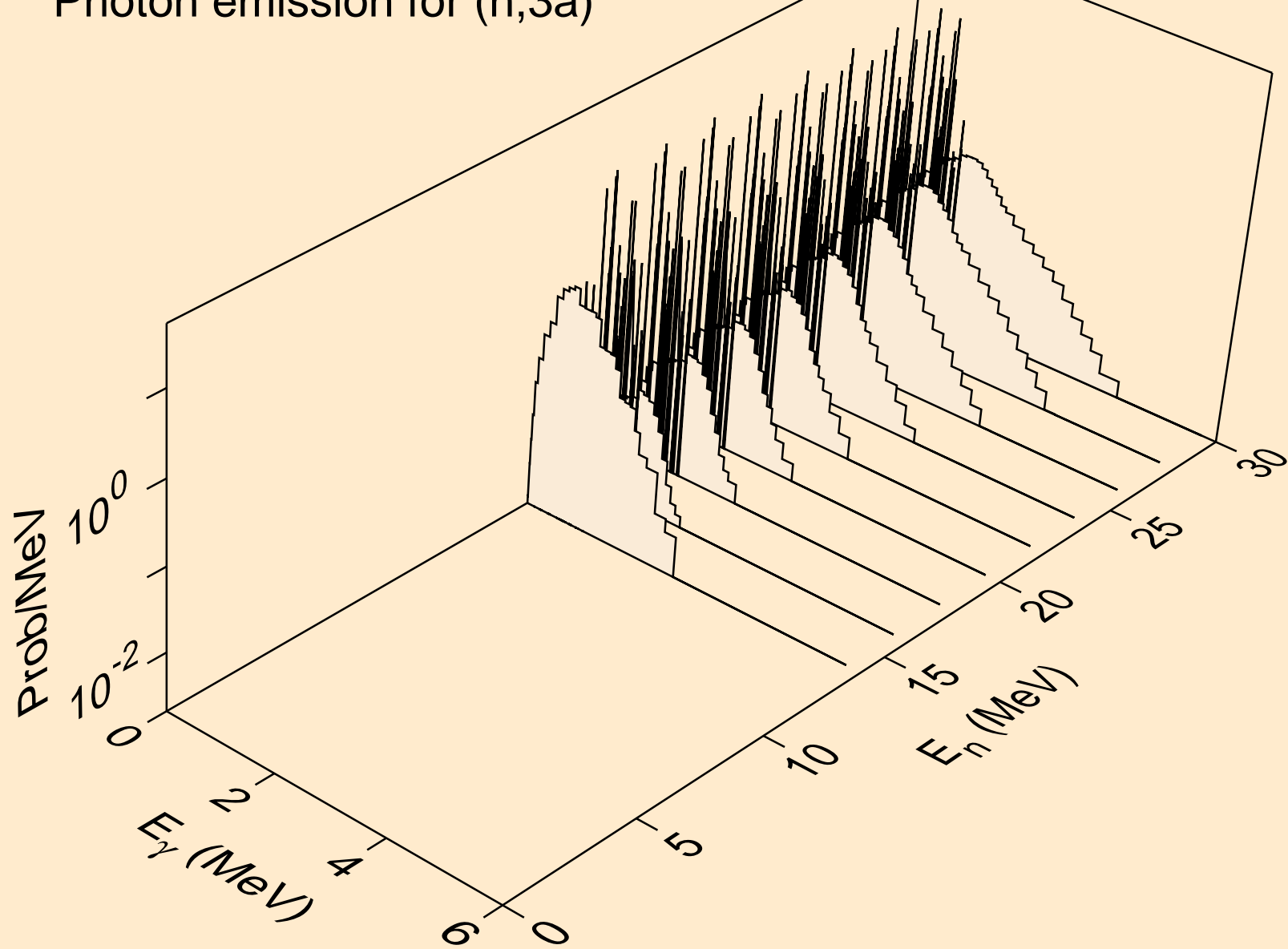




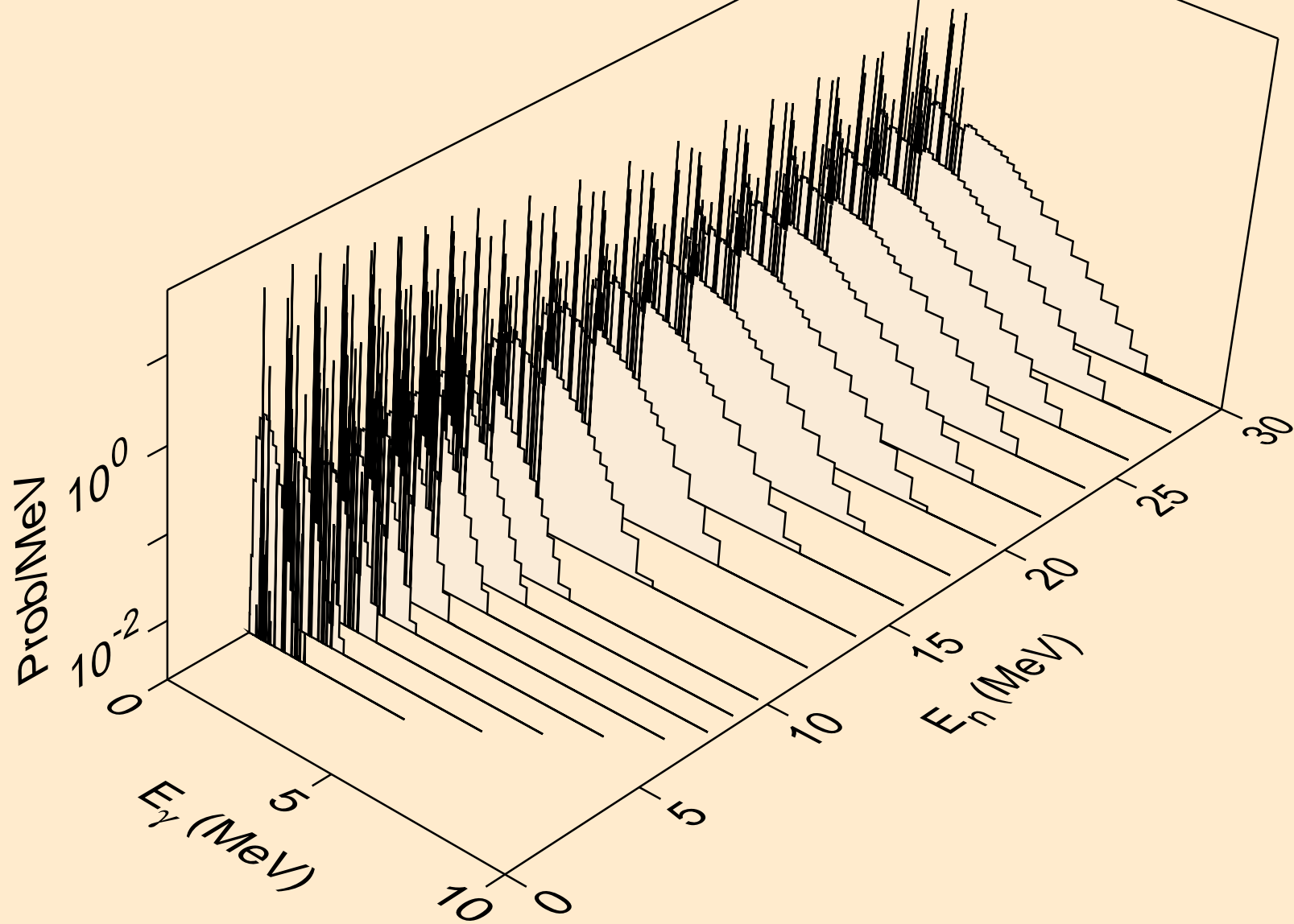
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Photon emission for (n,2a)



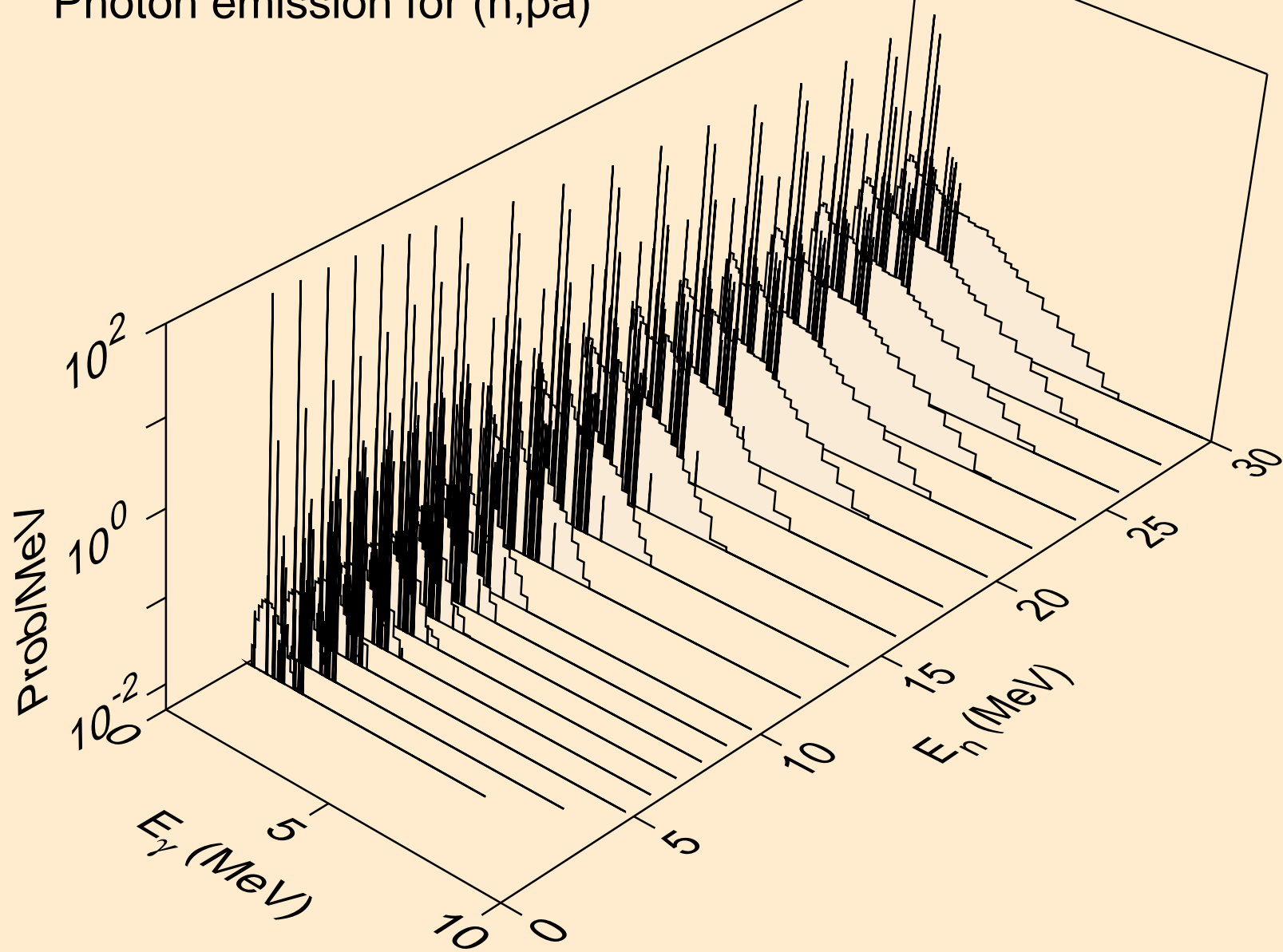
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Photon emission for (n,3a)



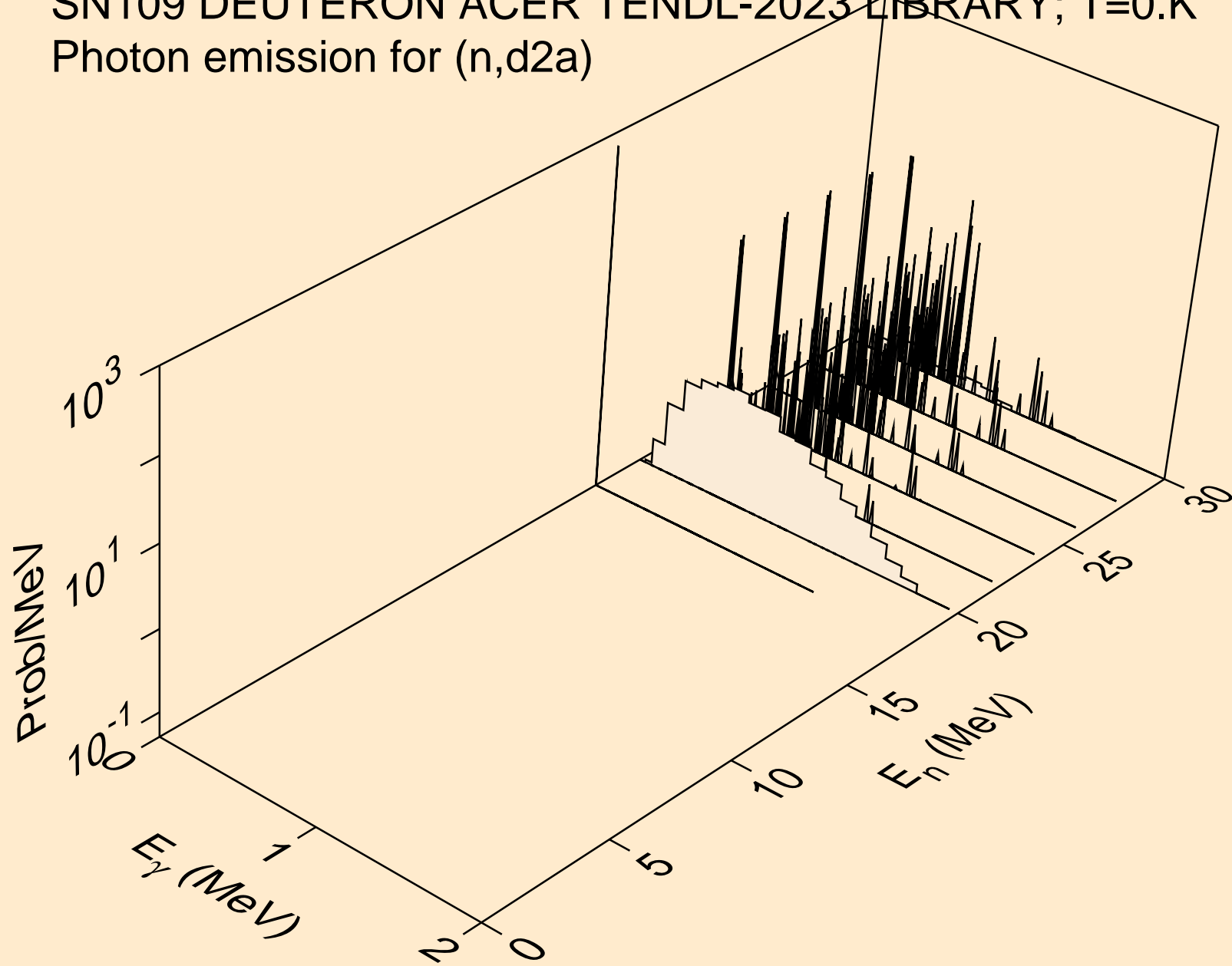
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Photon emission for (n,2p)



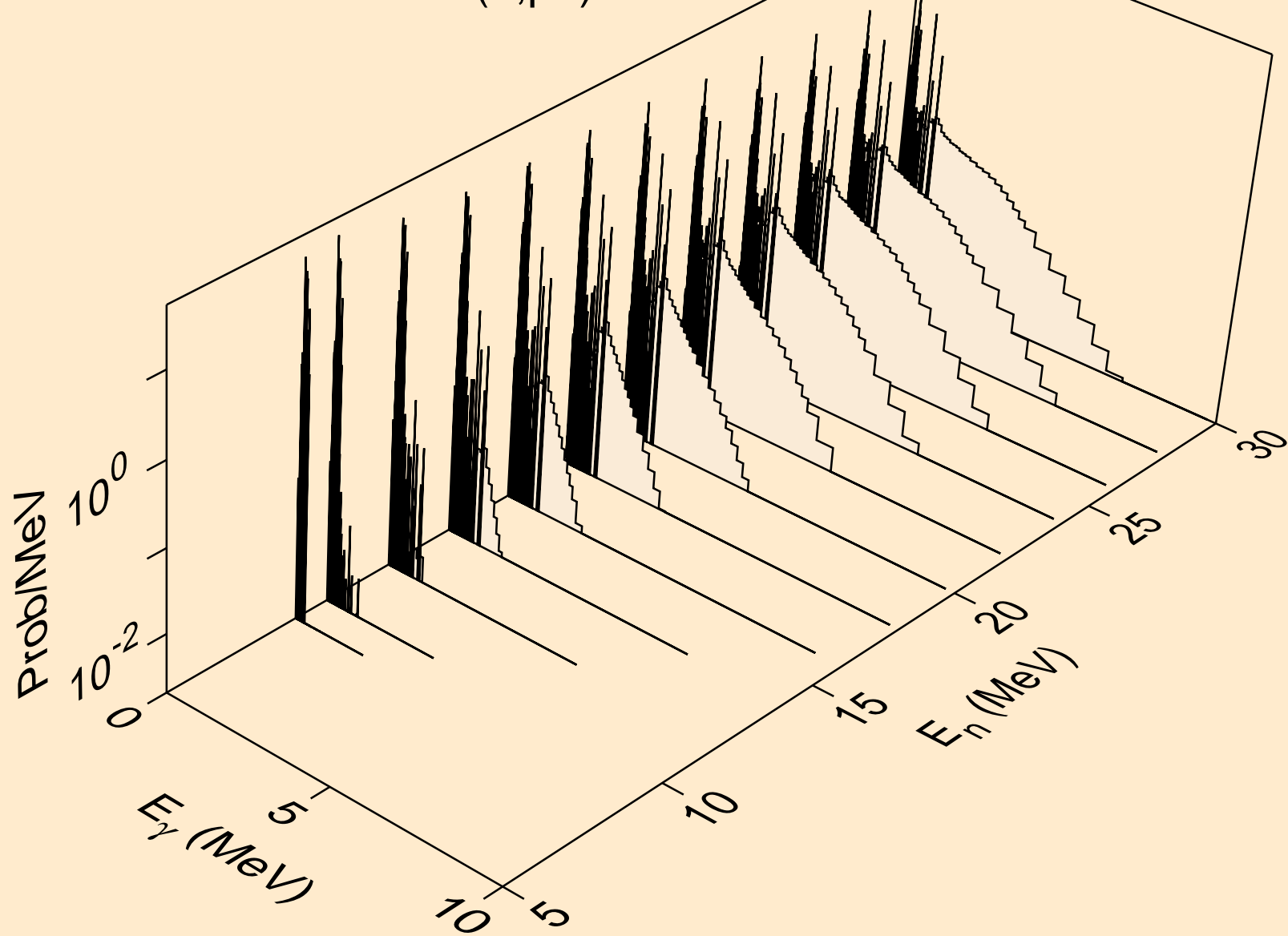
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Photon emission for (n,p)



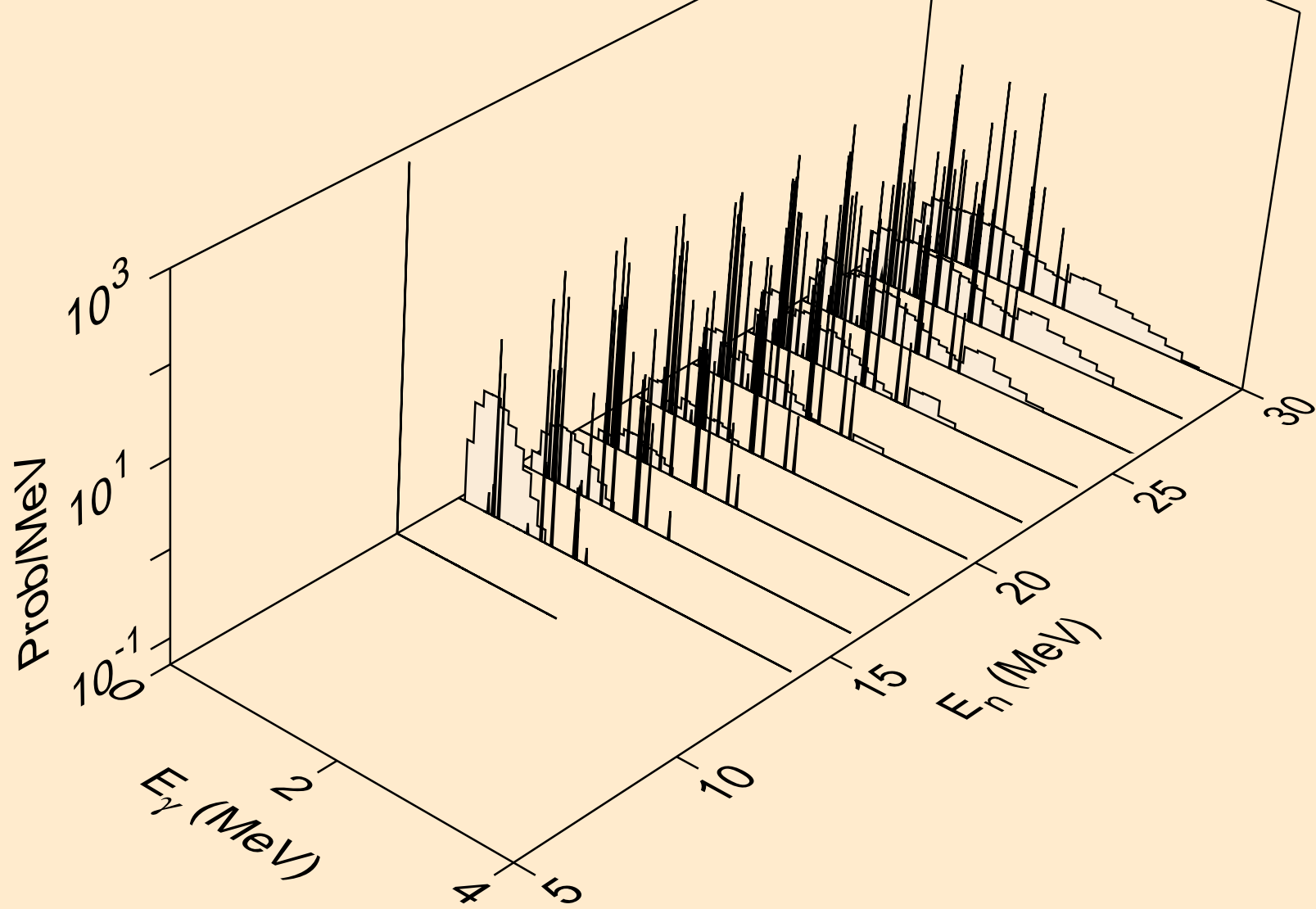
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Photon emission for (n,d2a)



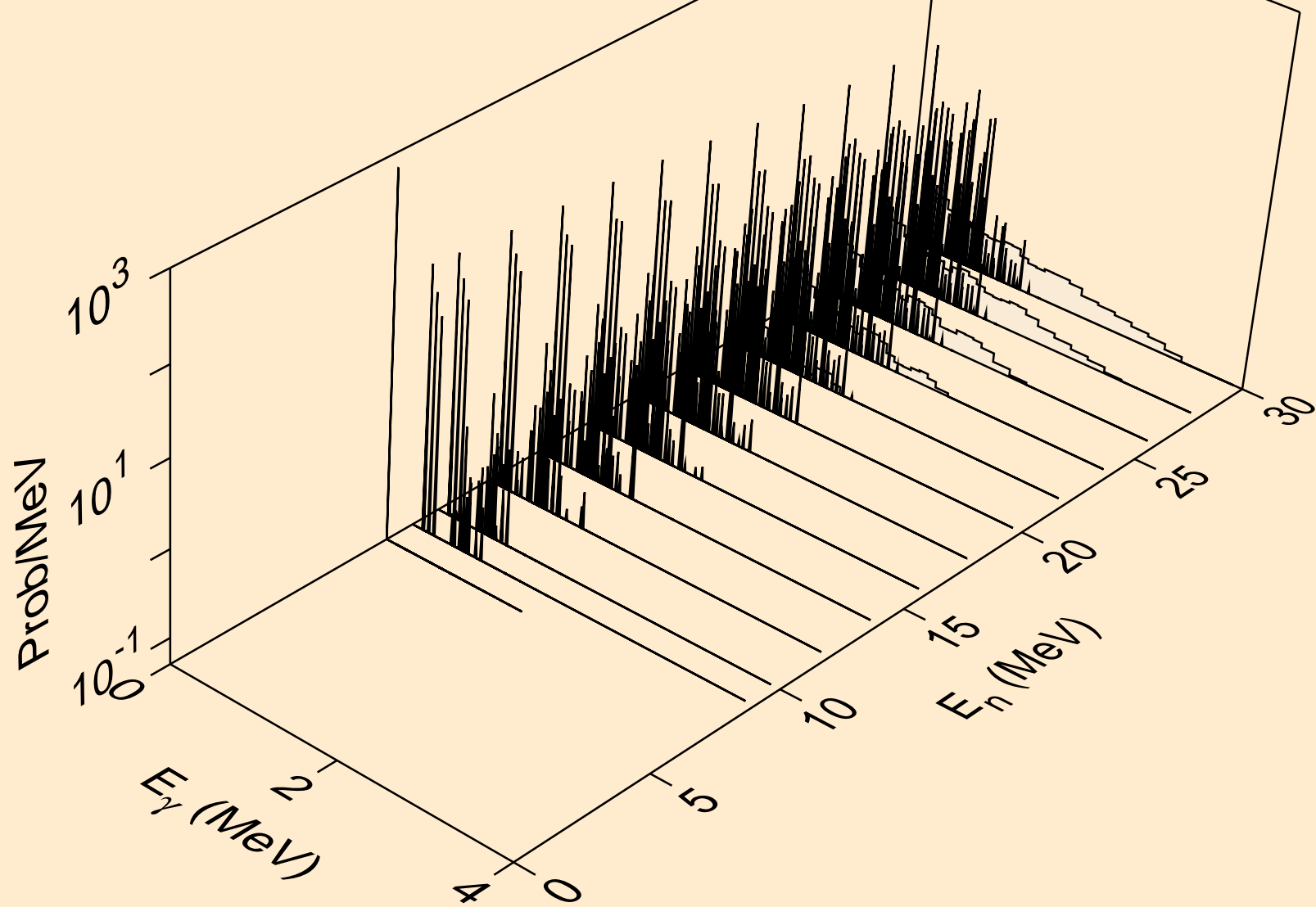
SN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



SN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



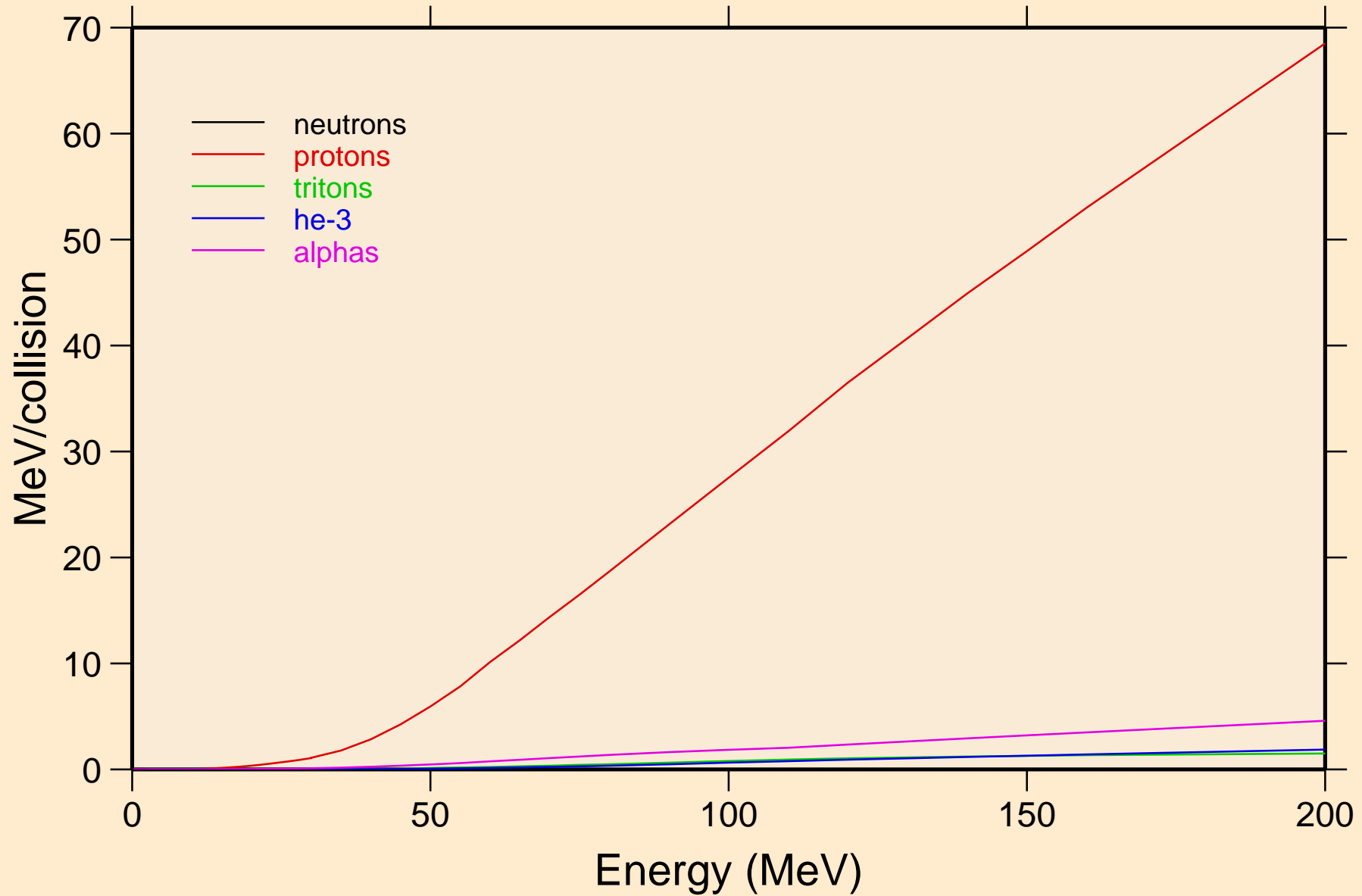
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Photon emission for (n,da)





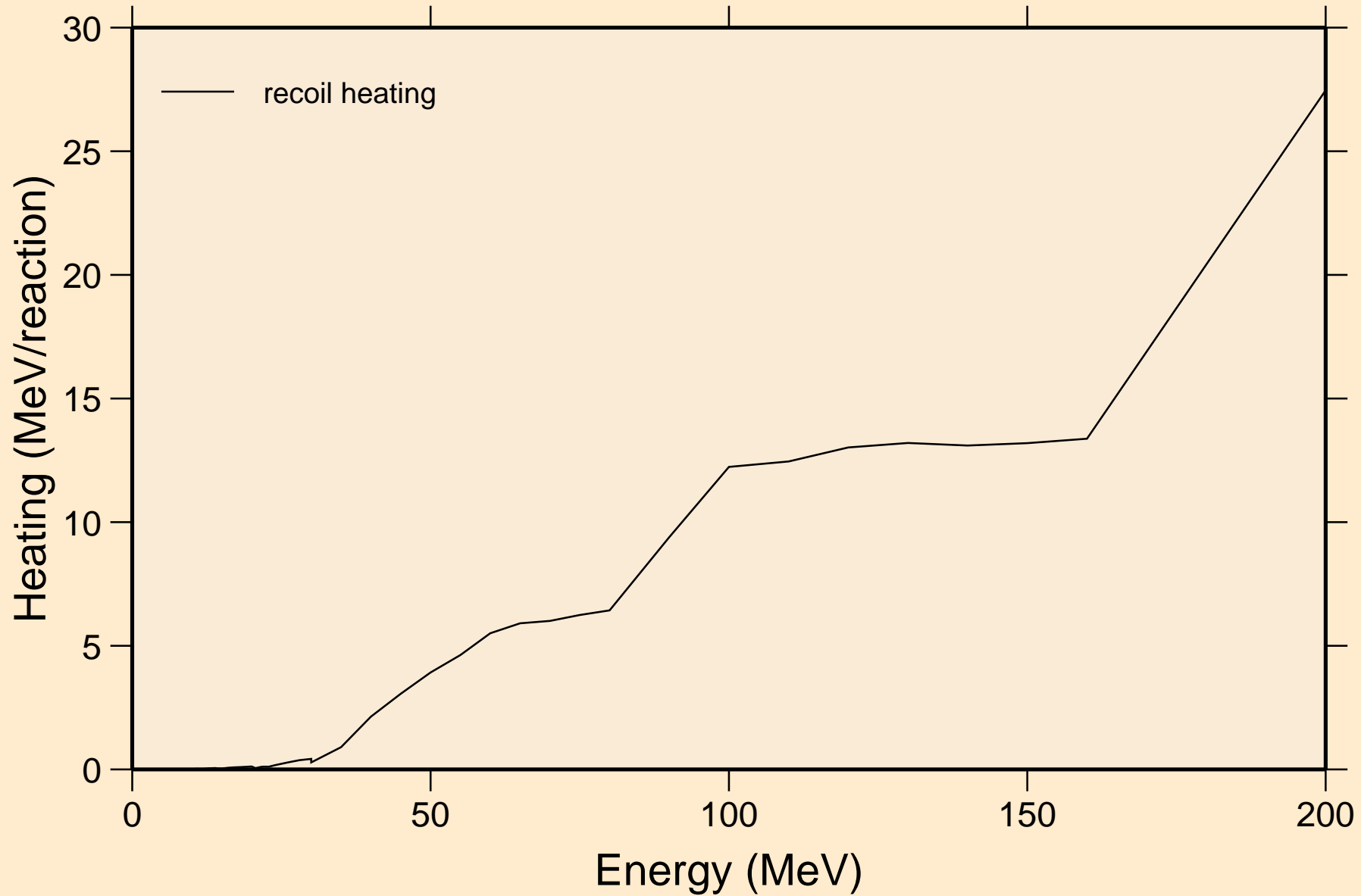
# SN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions

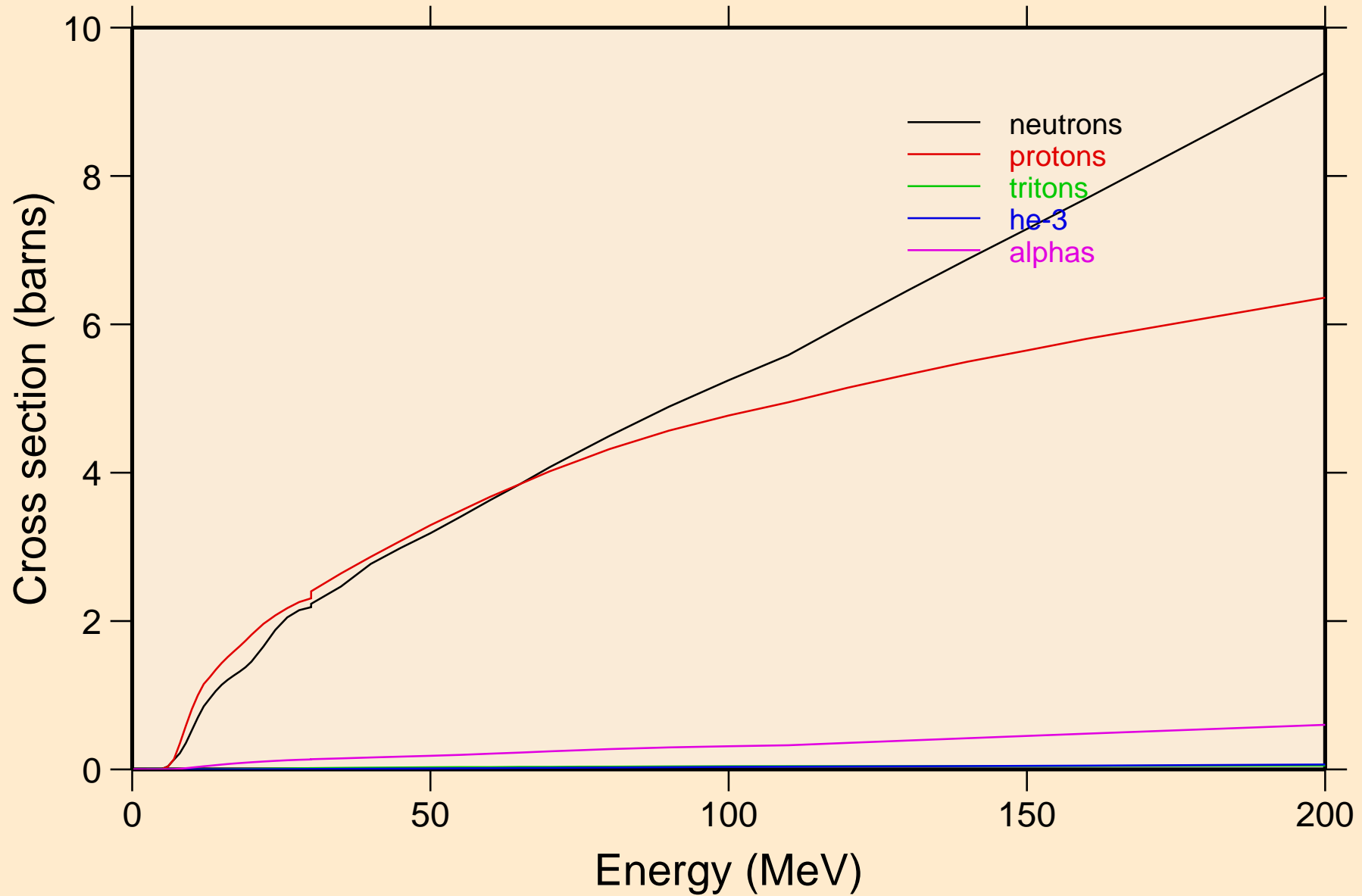


# SN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K

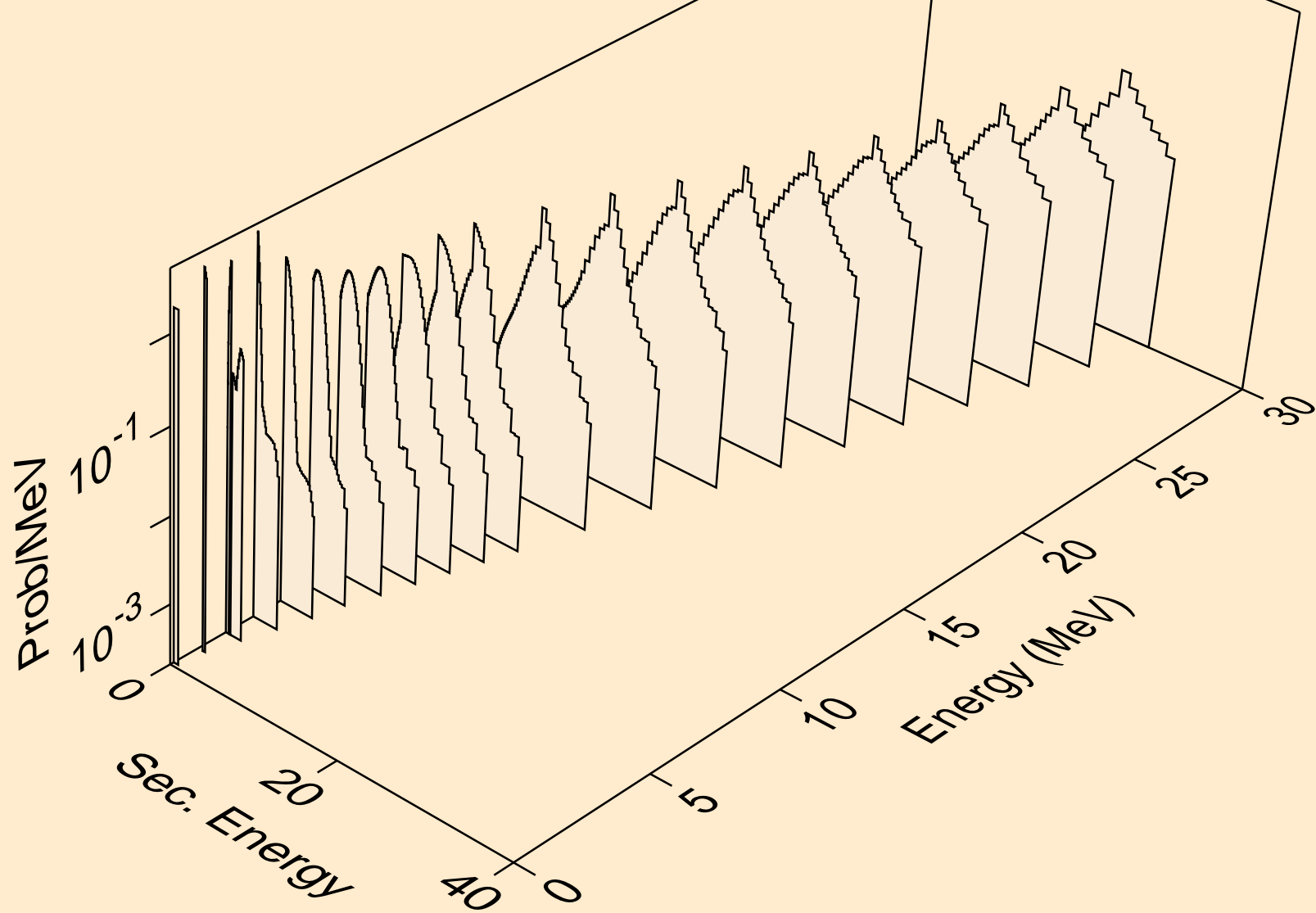
## Recoil Heating



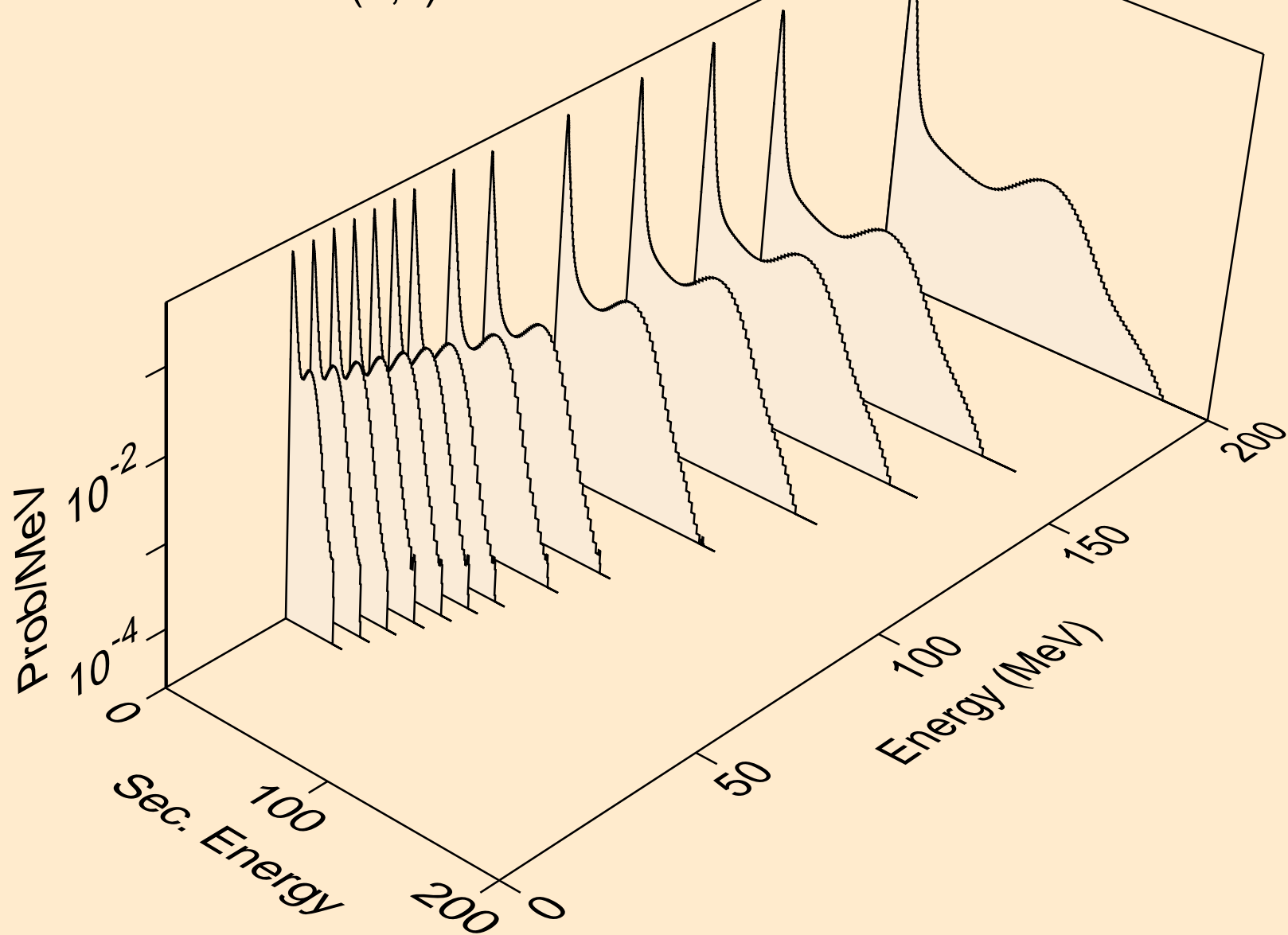
SN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



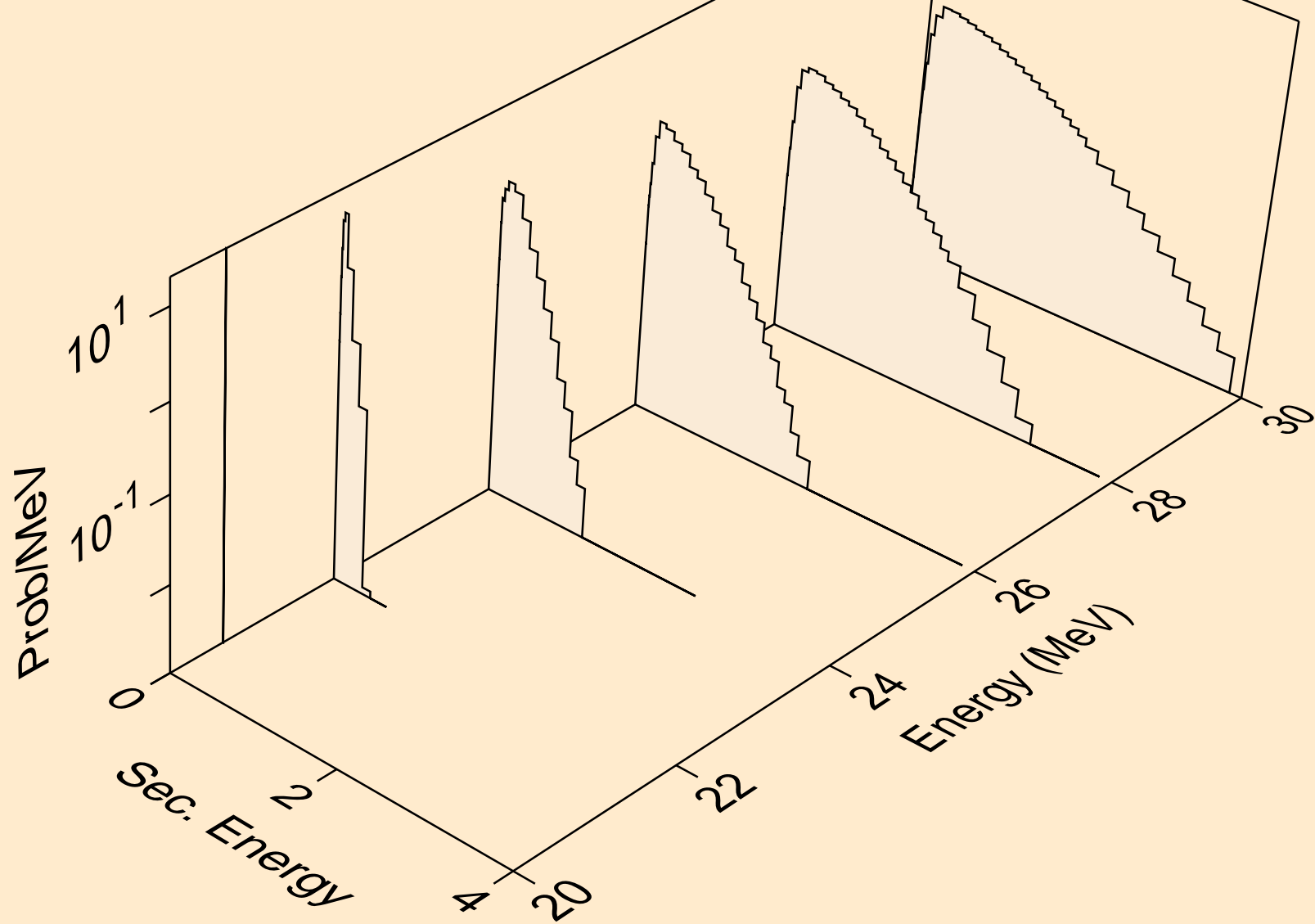
SN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,n)



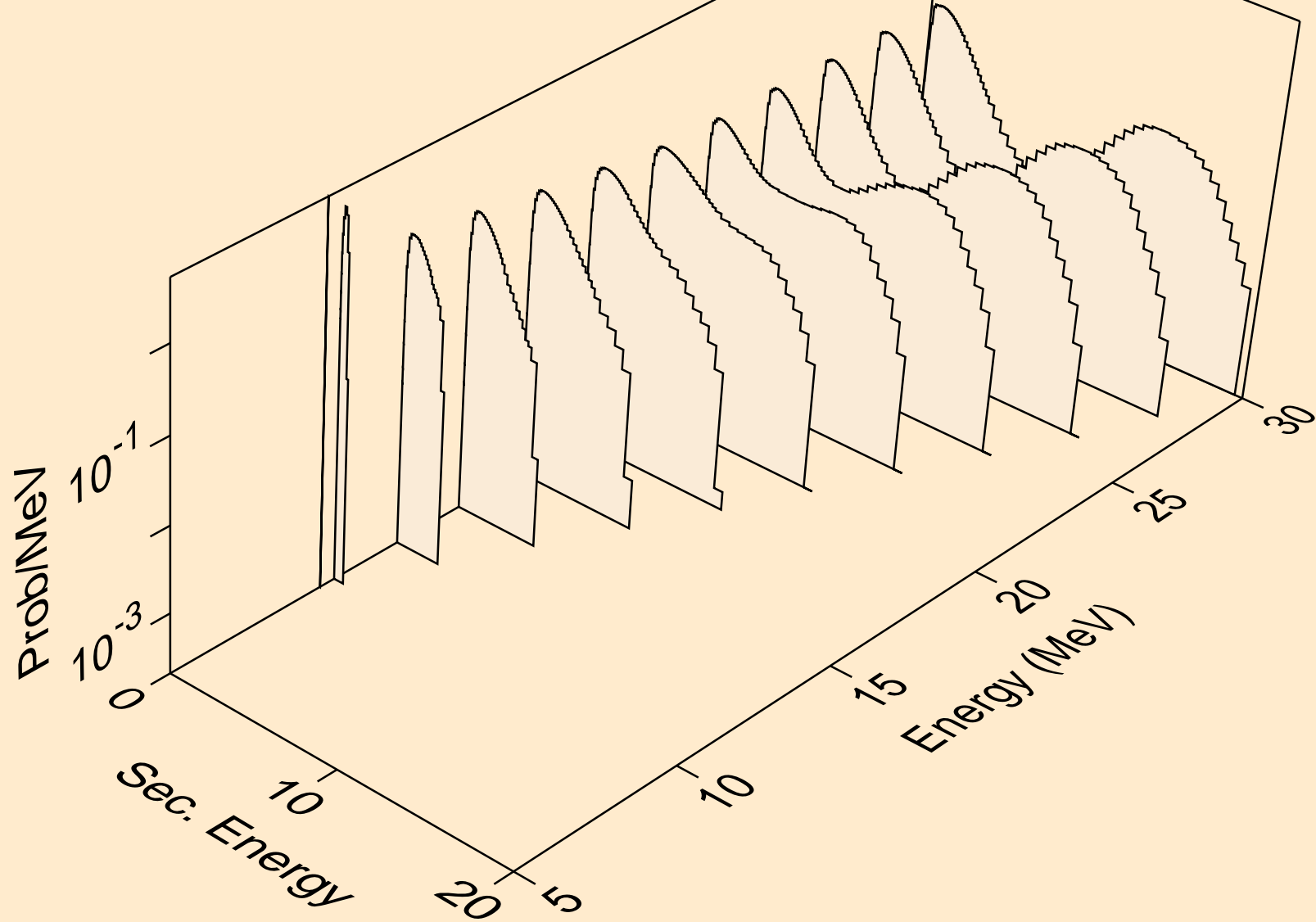
SN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,x)



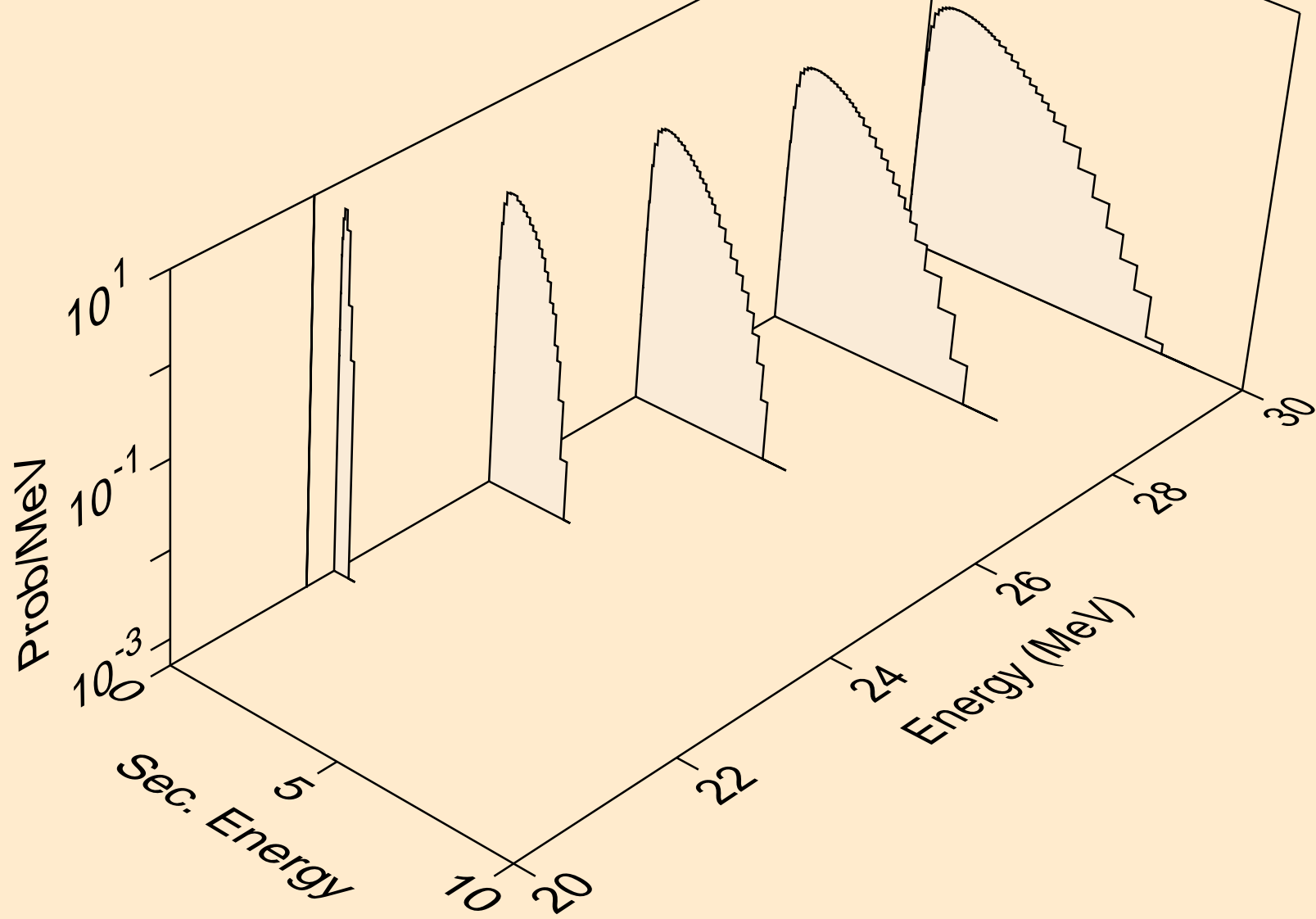
SN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,2nd)



SN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,2n)

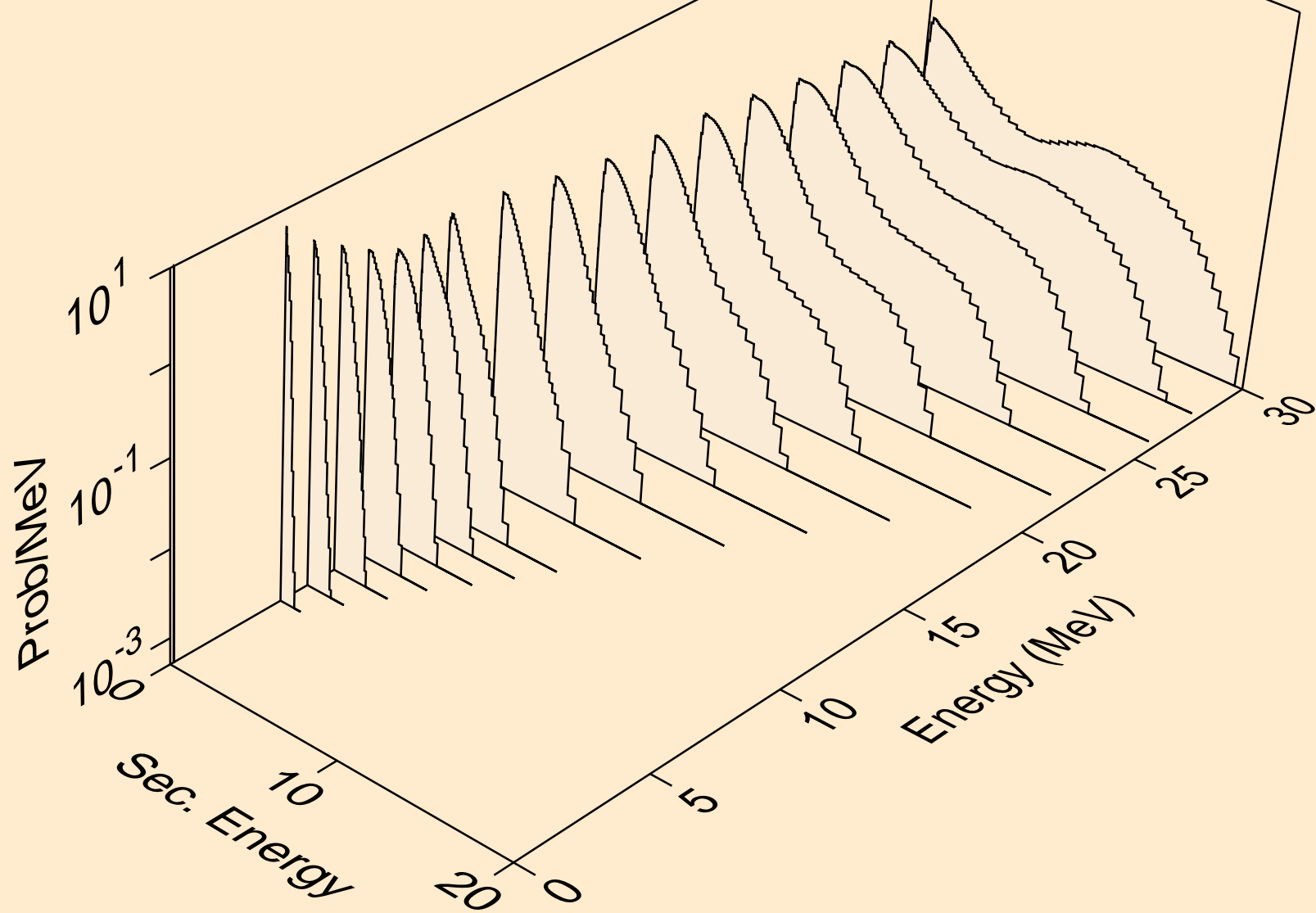


SN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,3n)

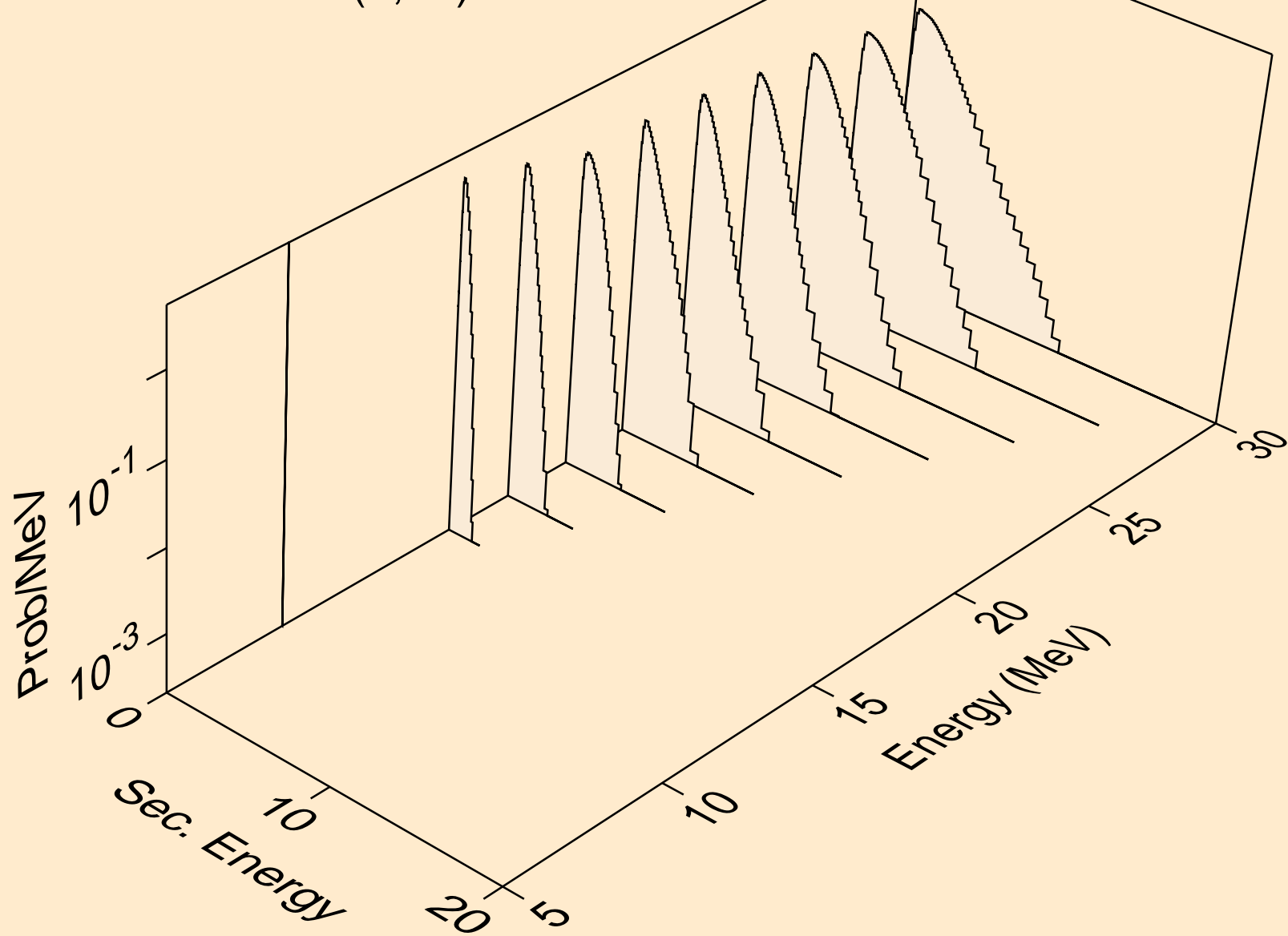




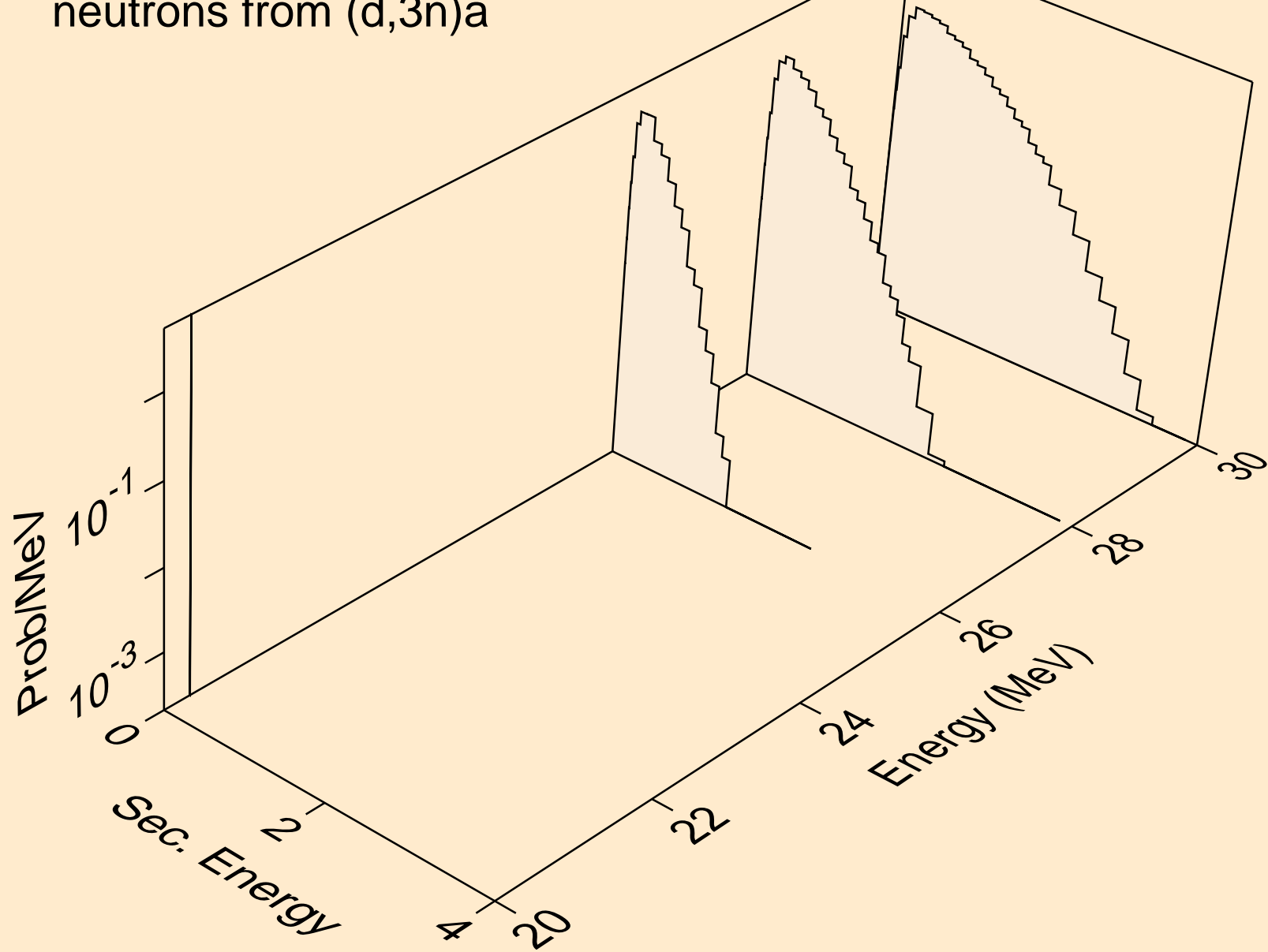
SN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,n\*)a



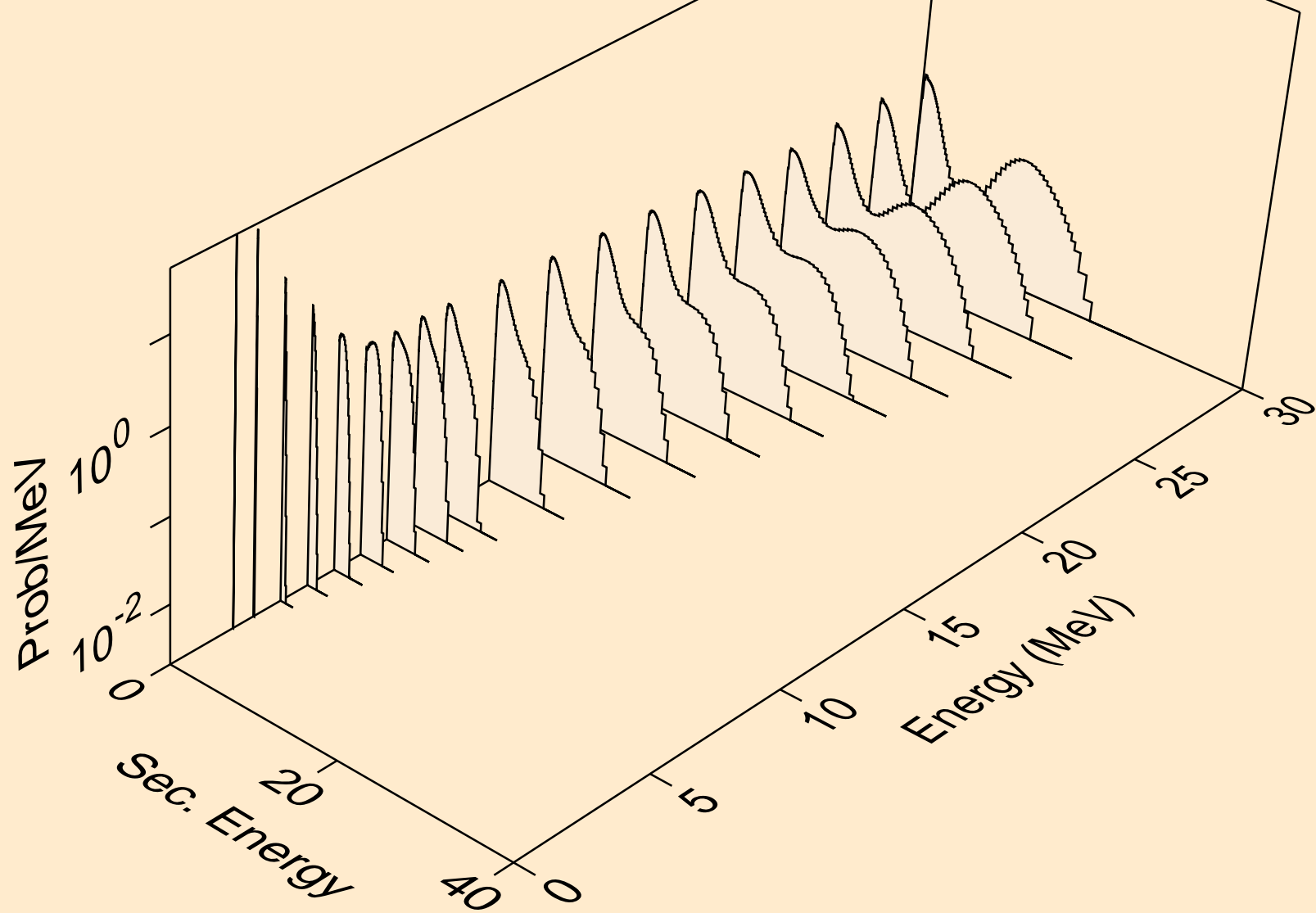
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neutrons from (d,2n)a



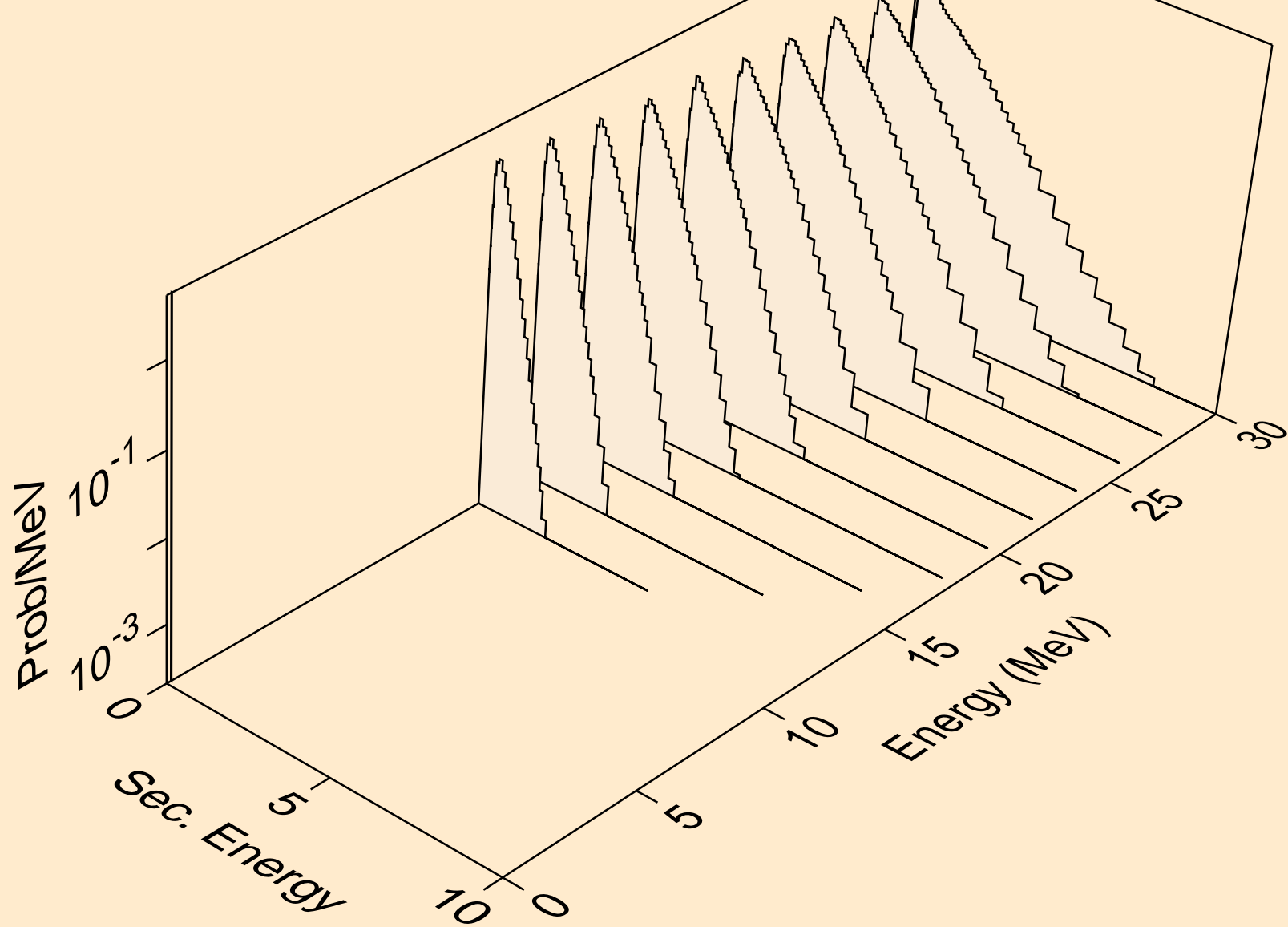
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neutrons from (d,3n)a



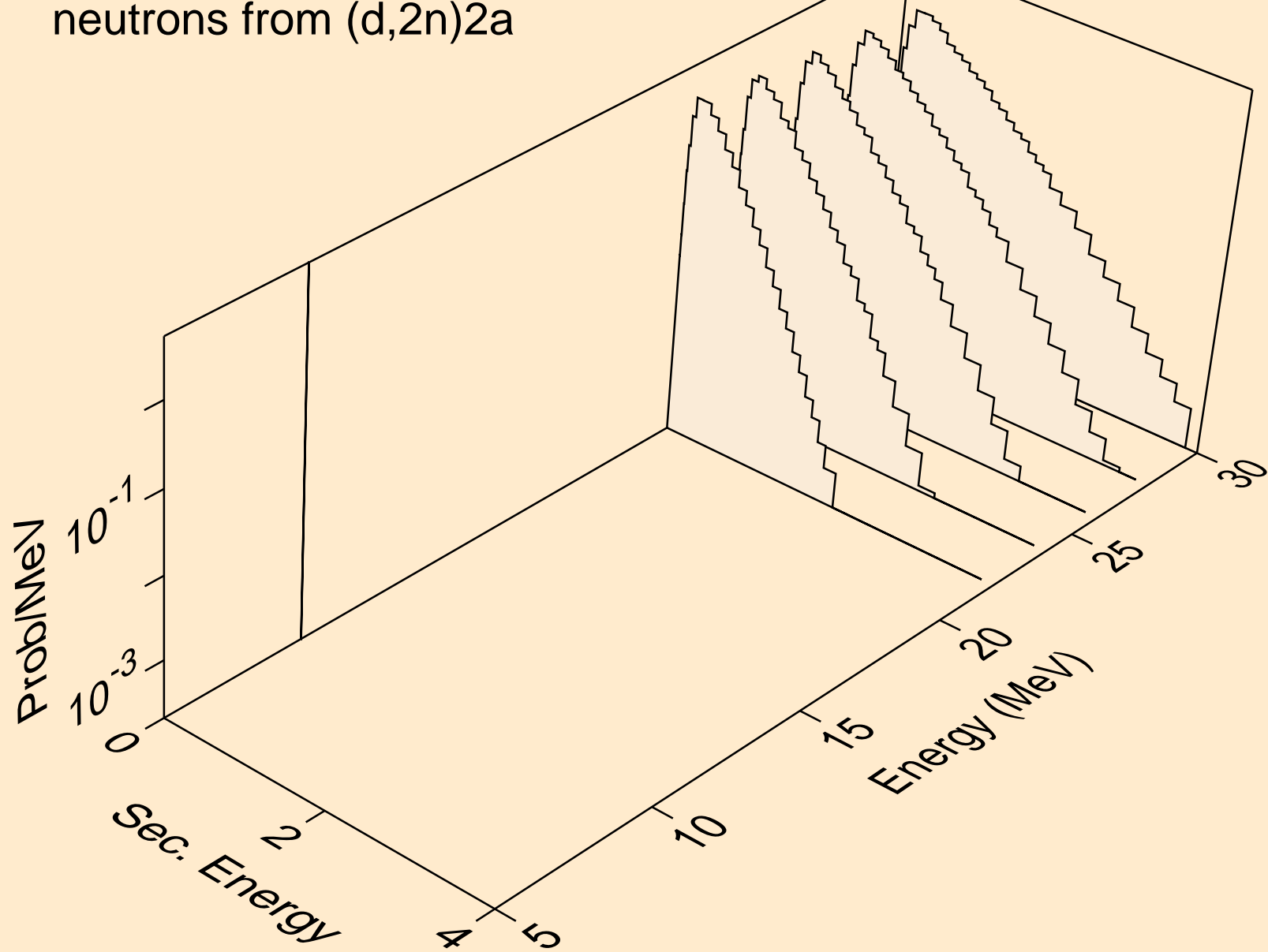
SN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,n\*)p



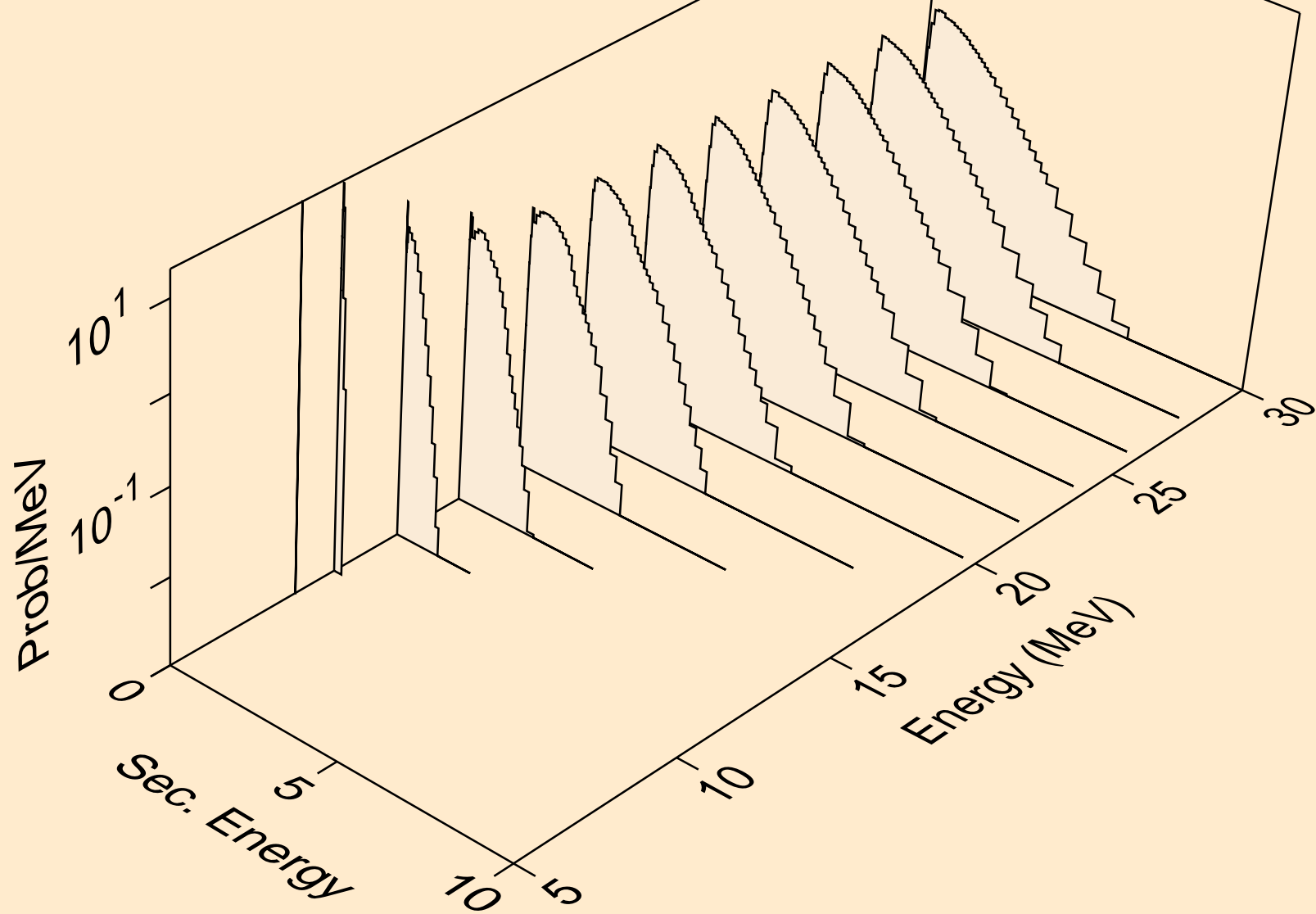
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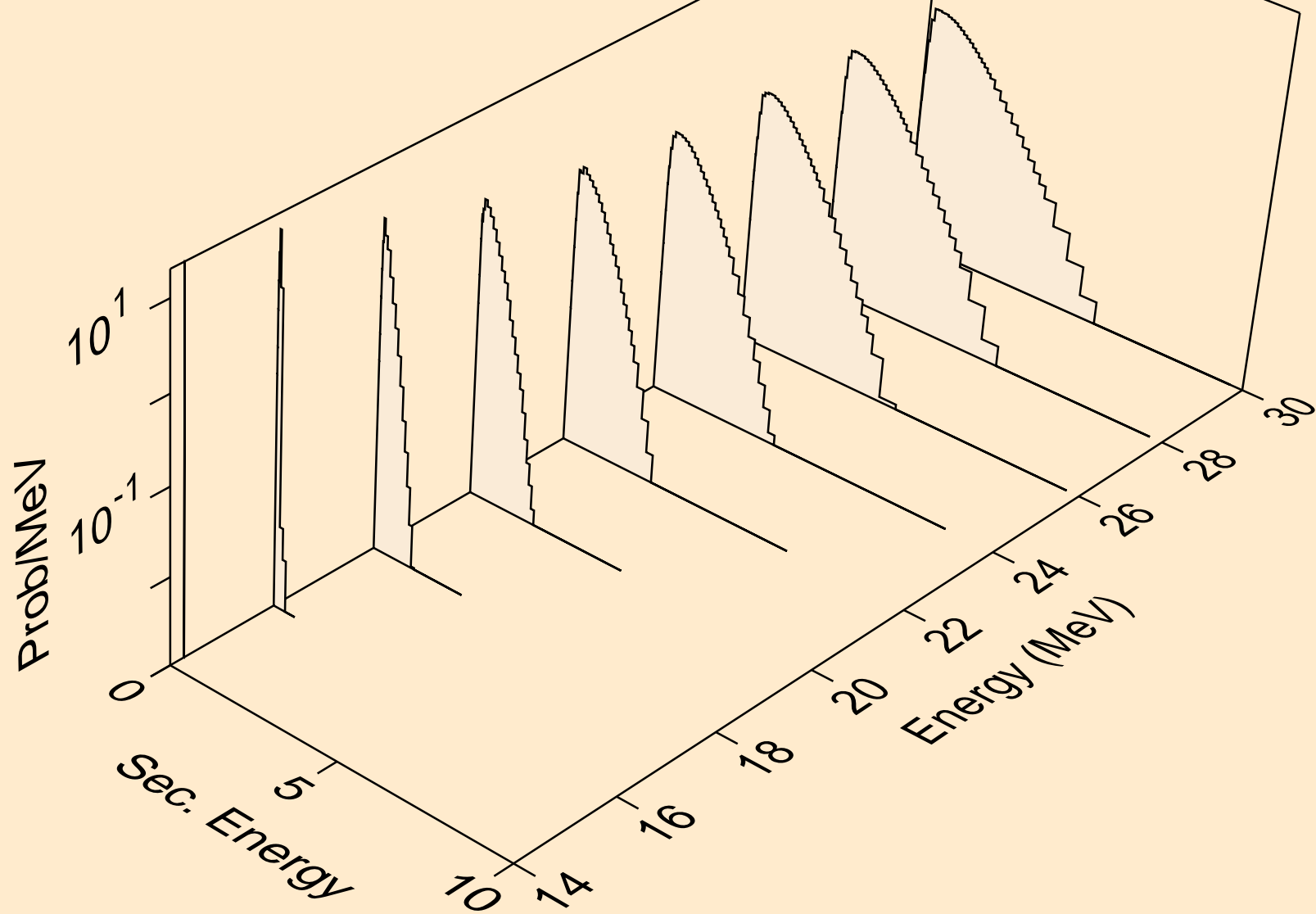
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neutrons from (d,2n)2a



SN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
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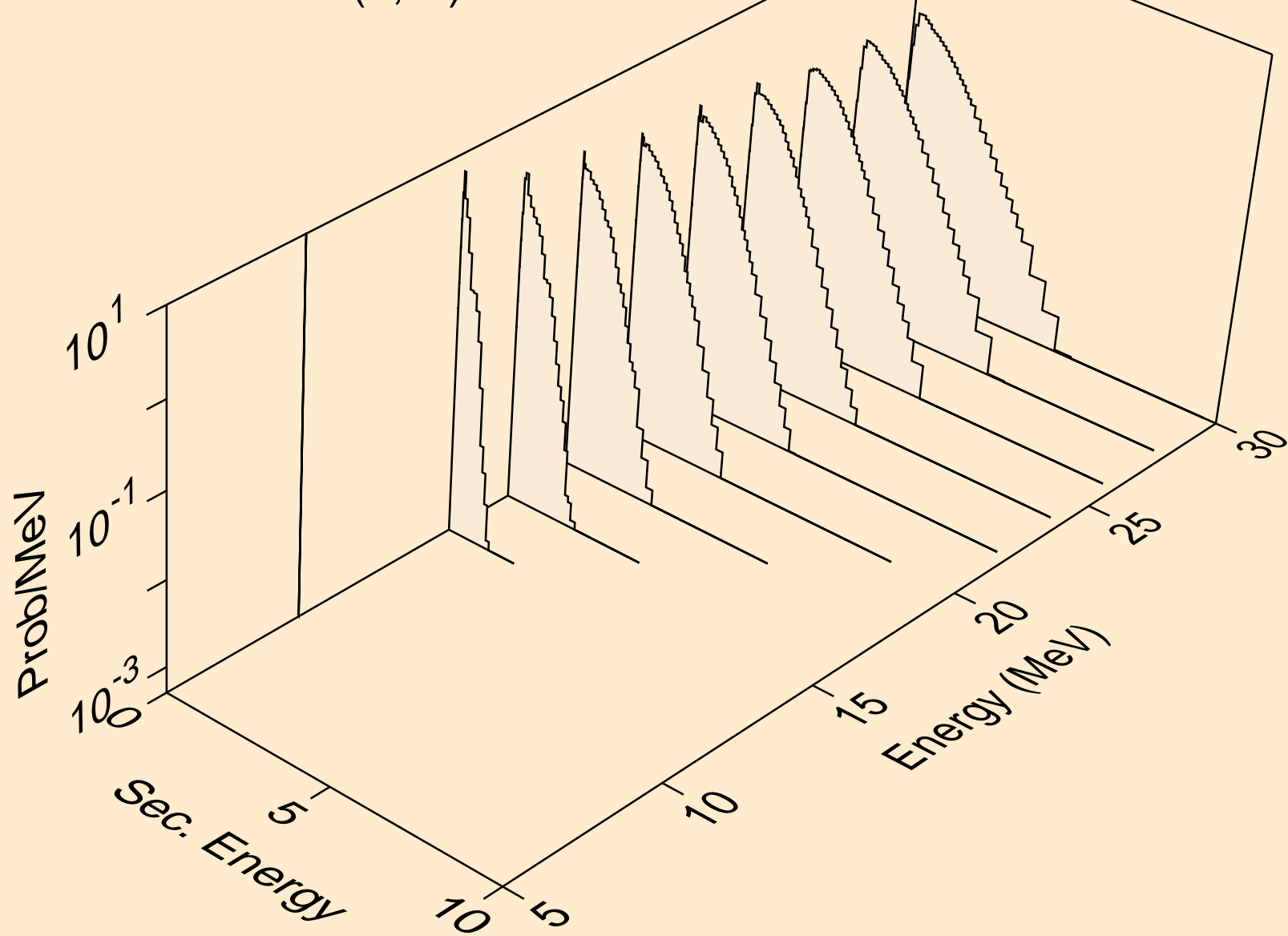


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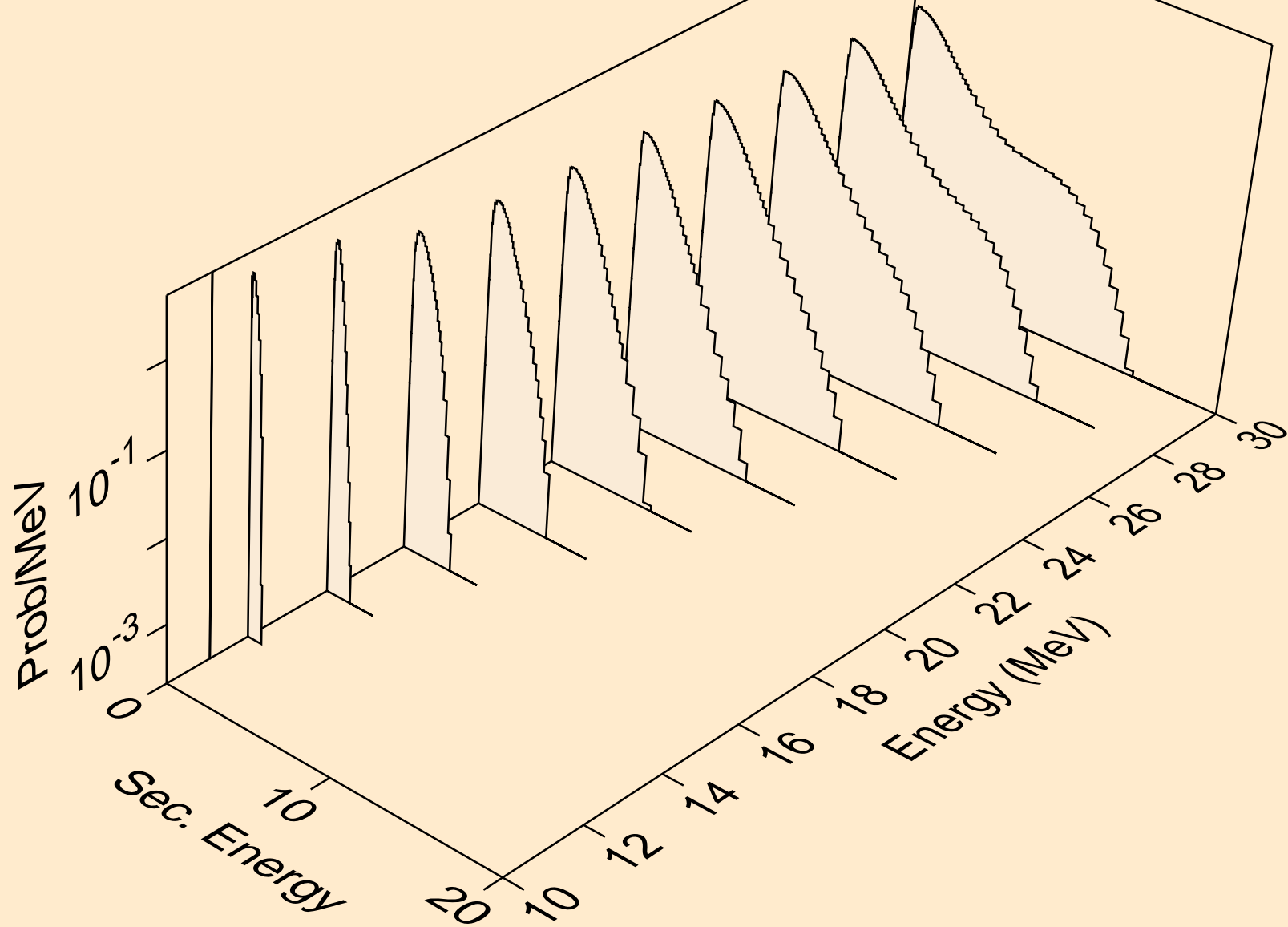




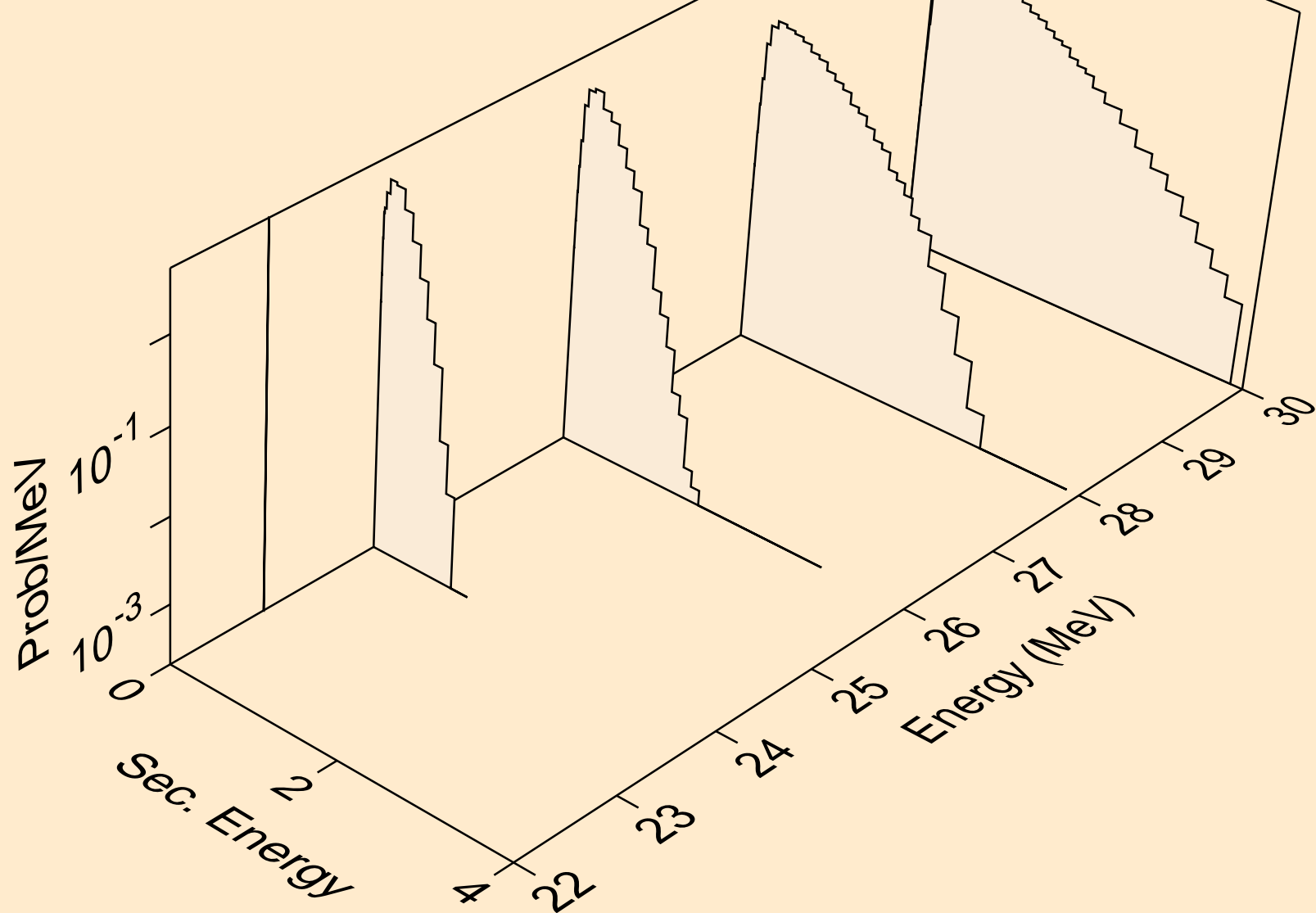
SN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,n\*)he3



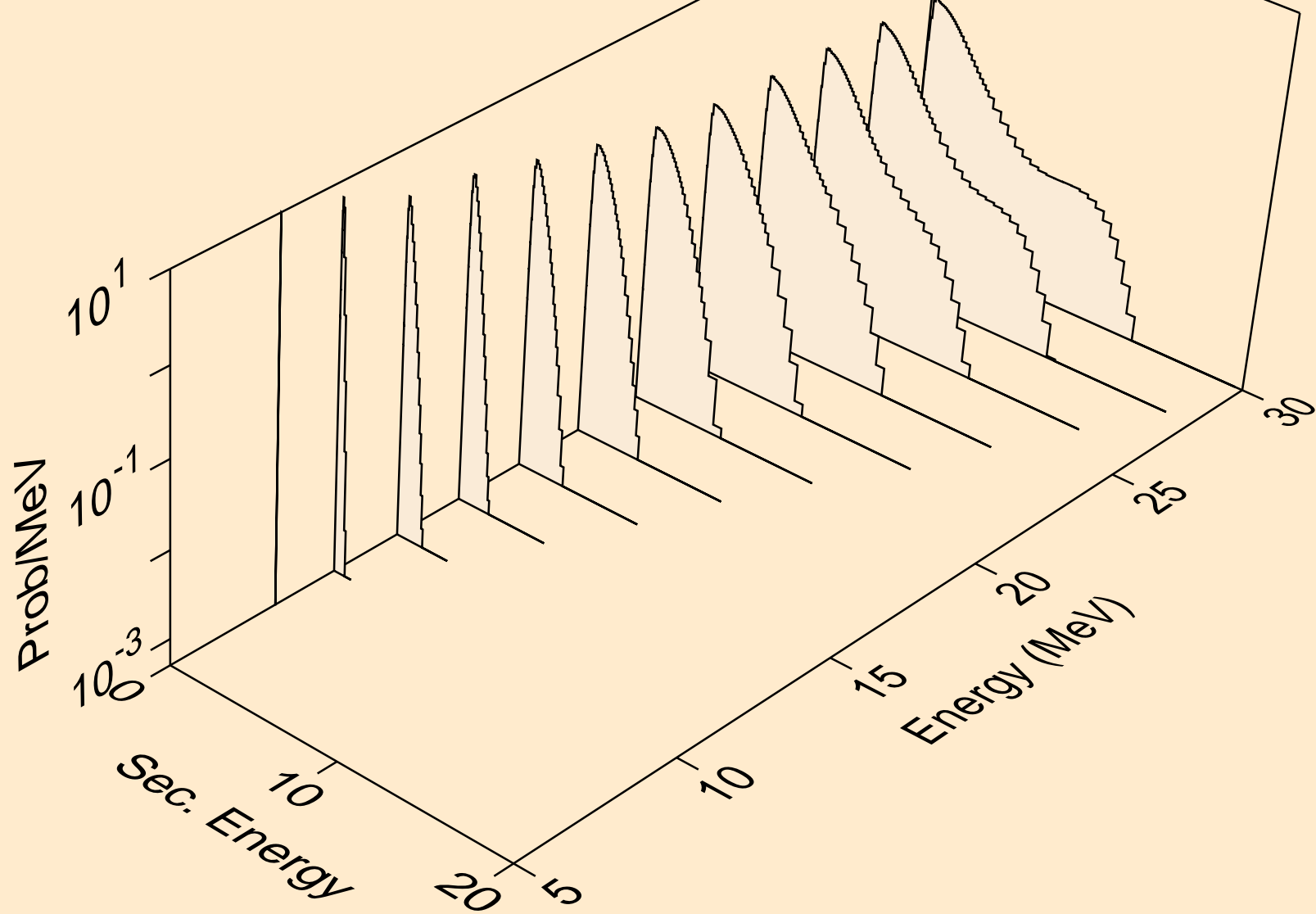
SN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,2np)



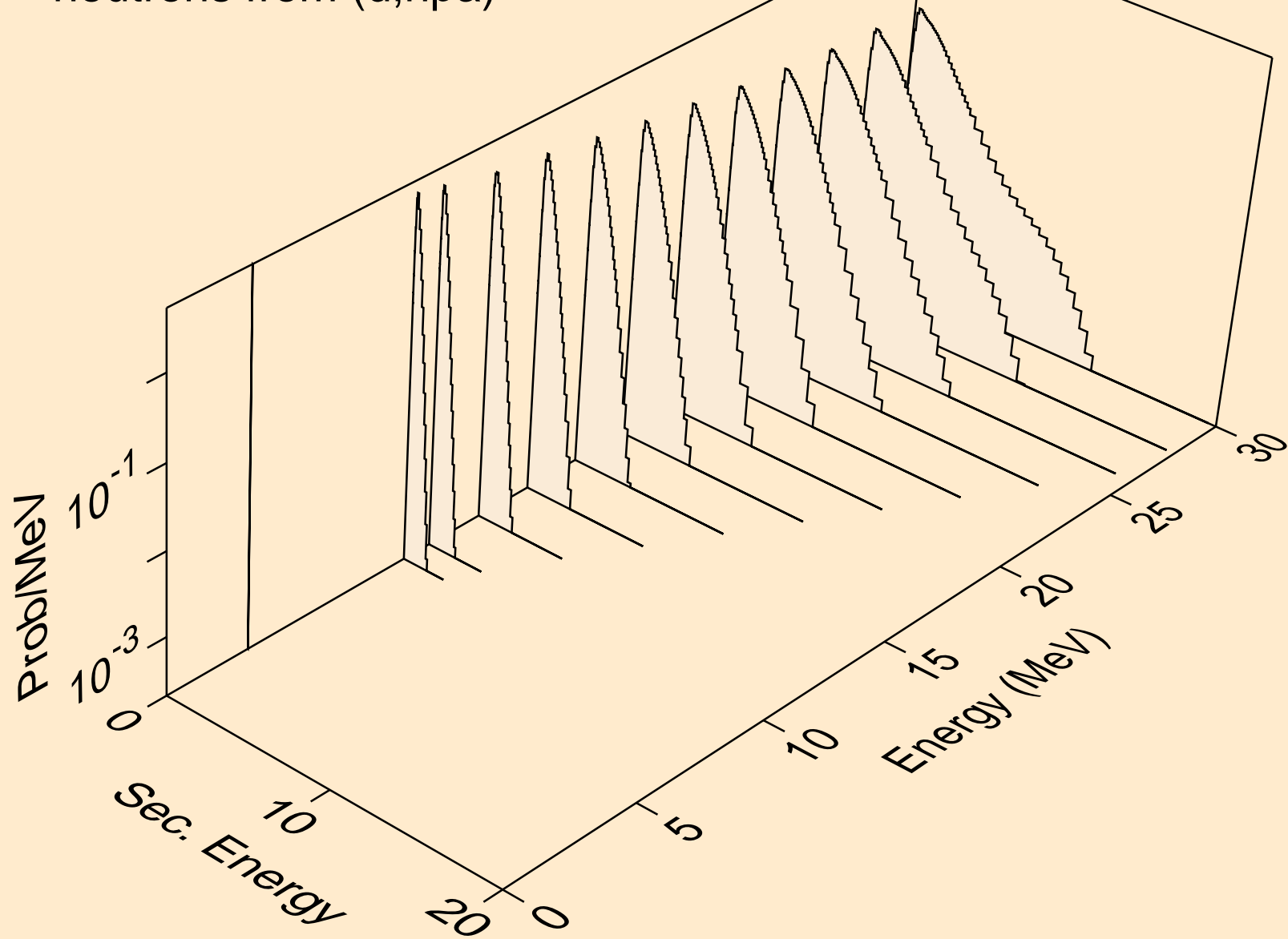
SN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,3np)



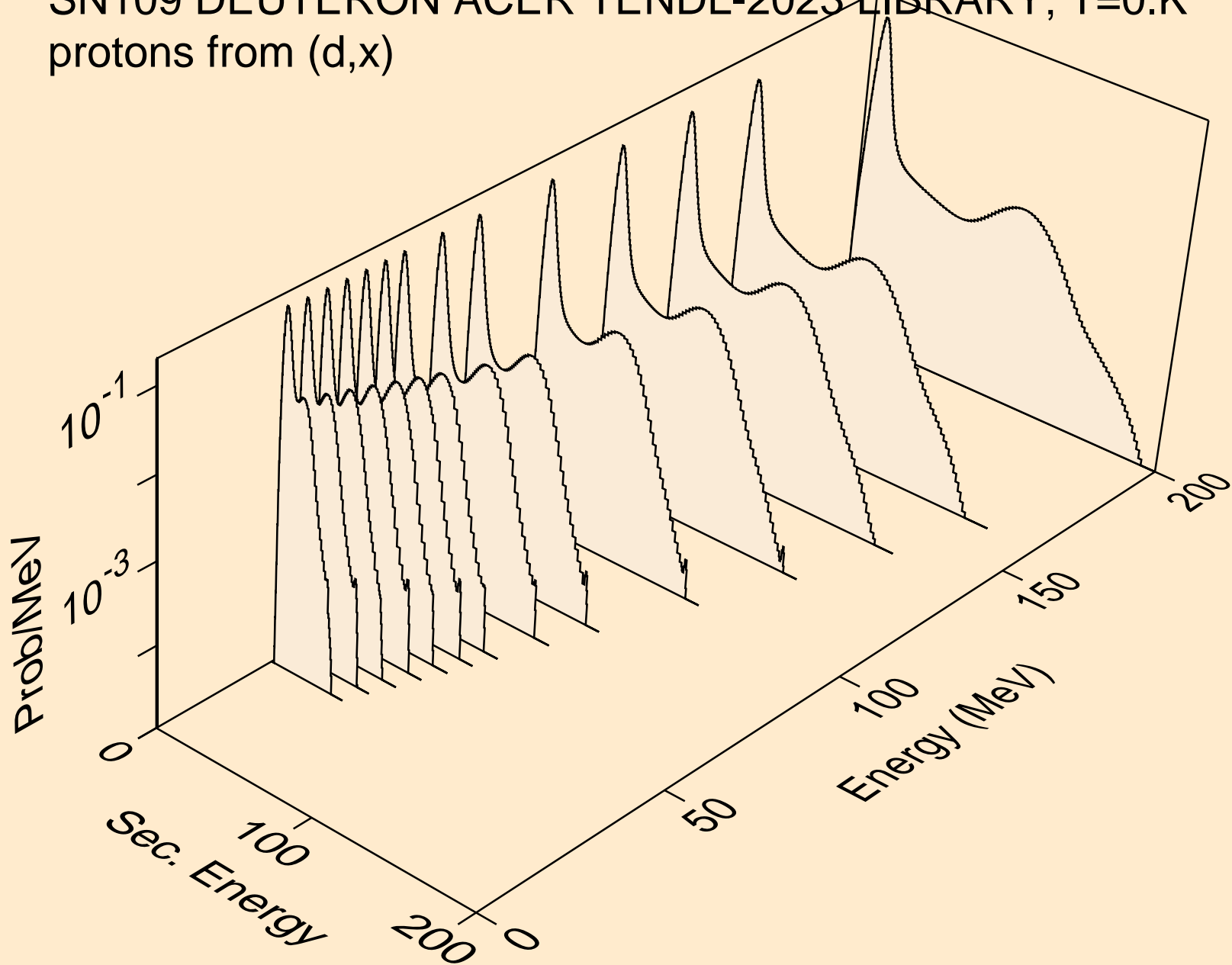
SN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,n2p)



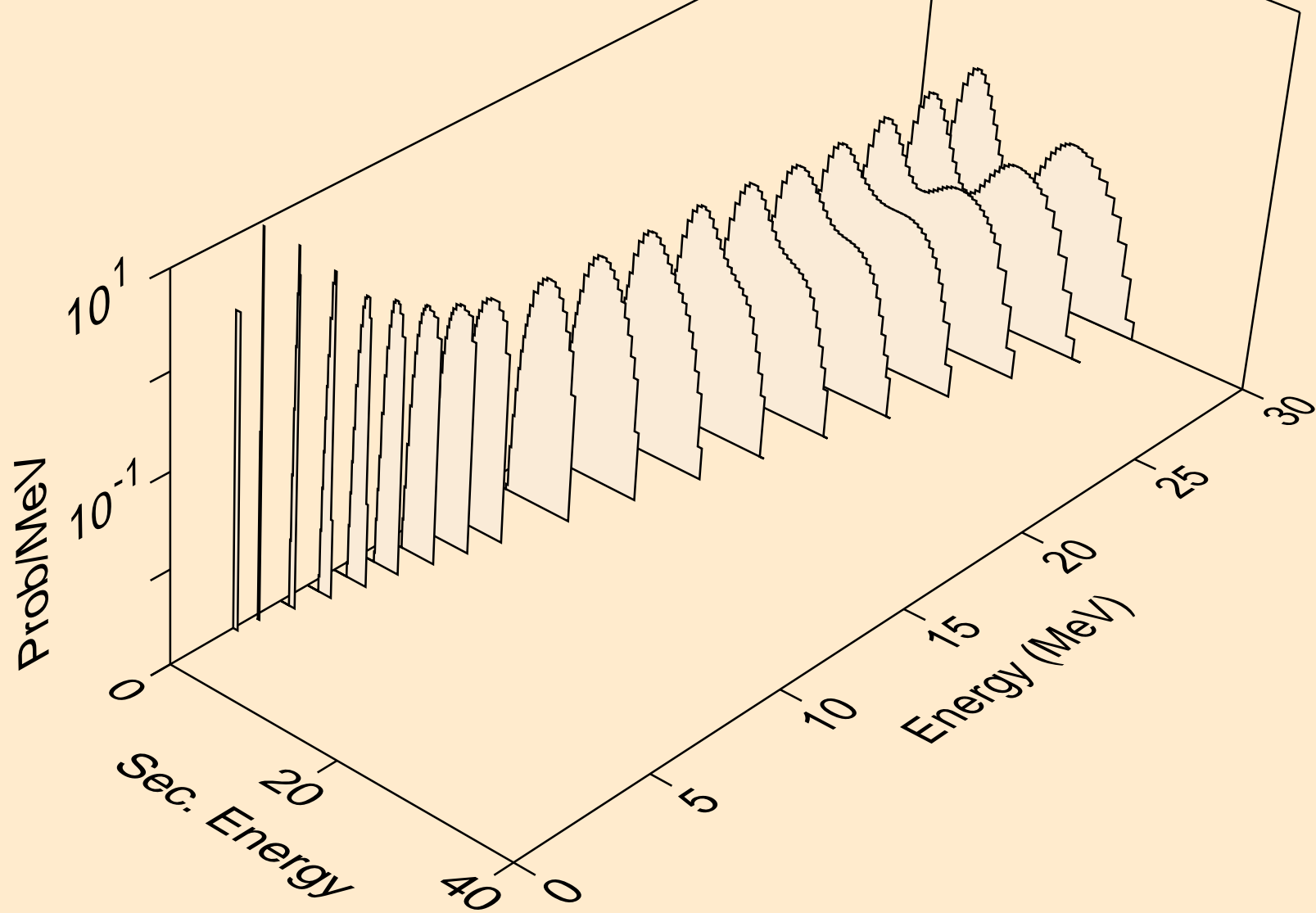
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neutrons from (d,npa)



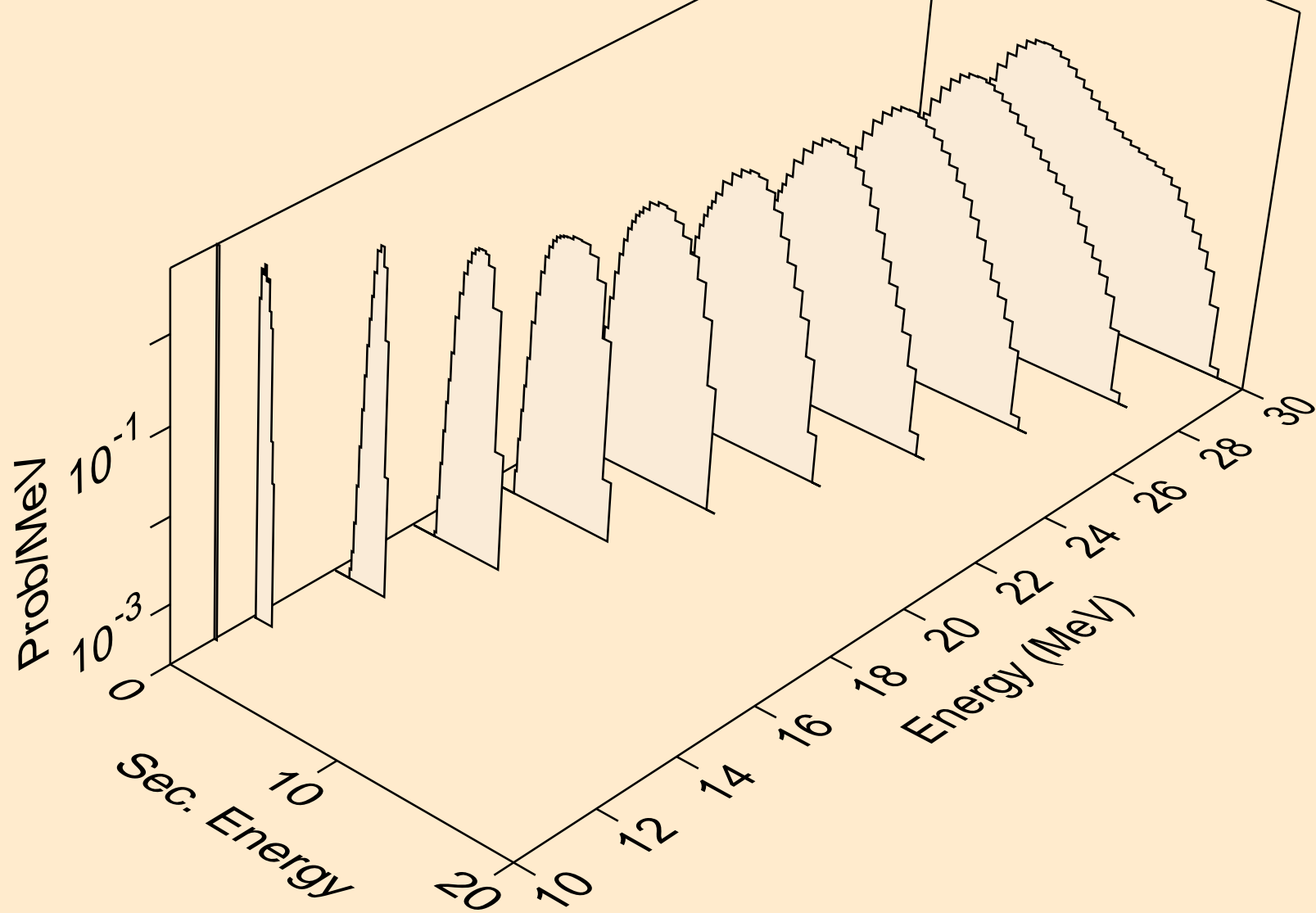
SN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (d,x)



SN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (d,n\*)p

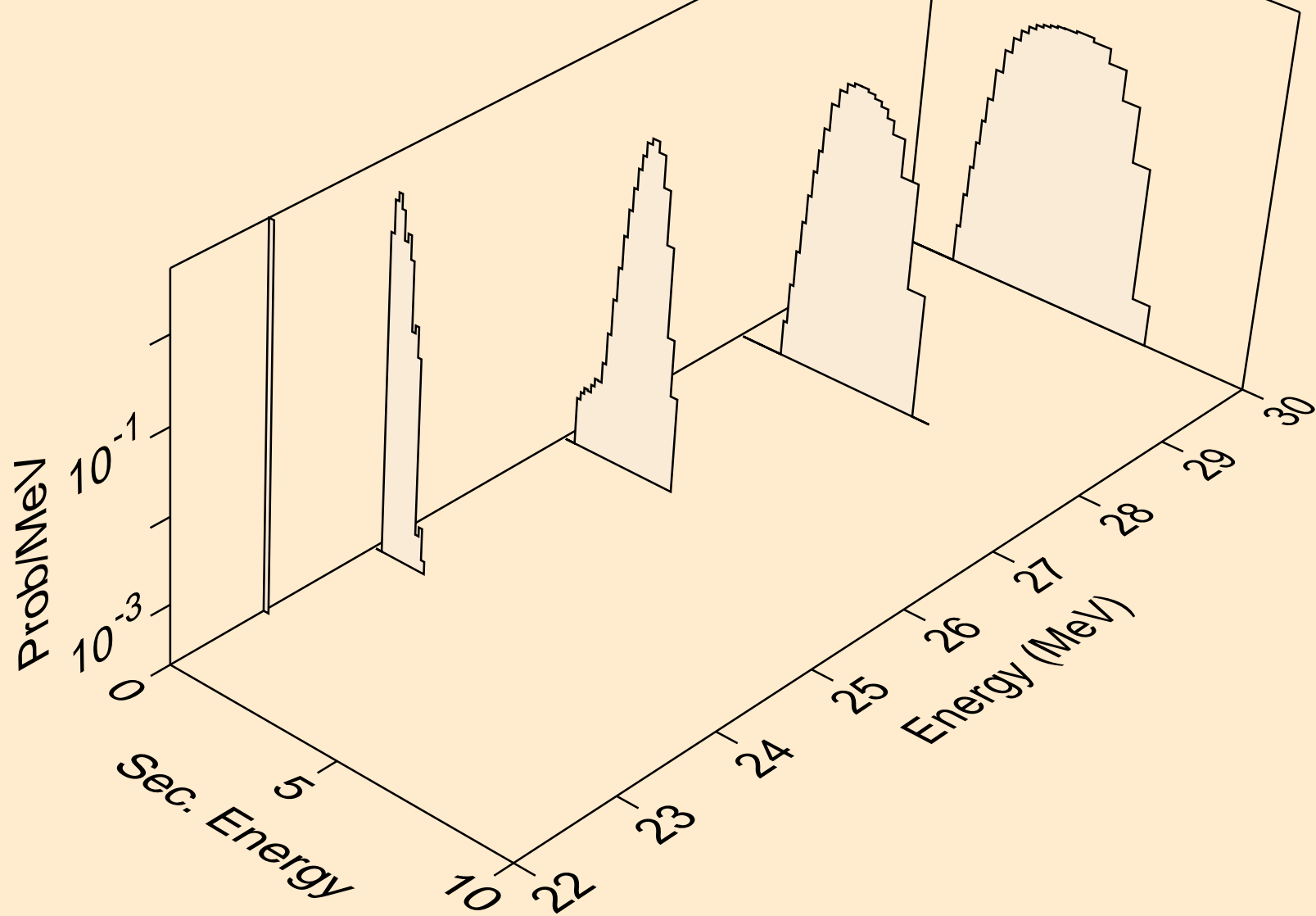


SN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (d,2np)

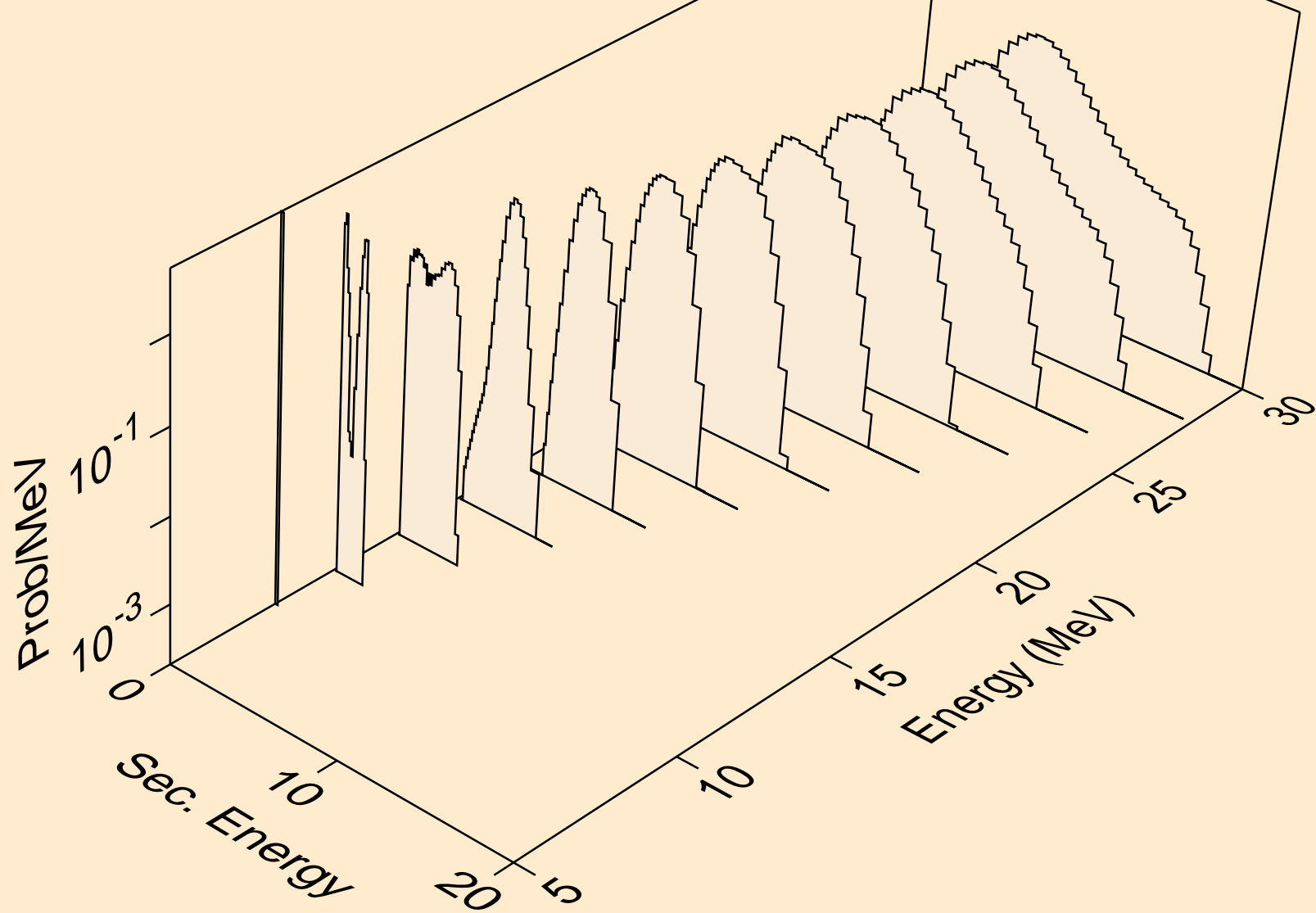




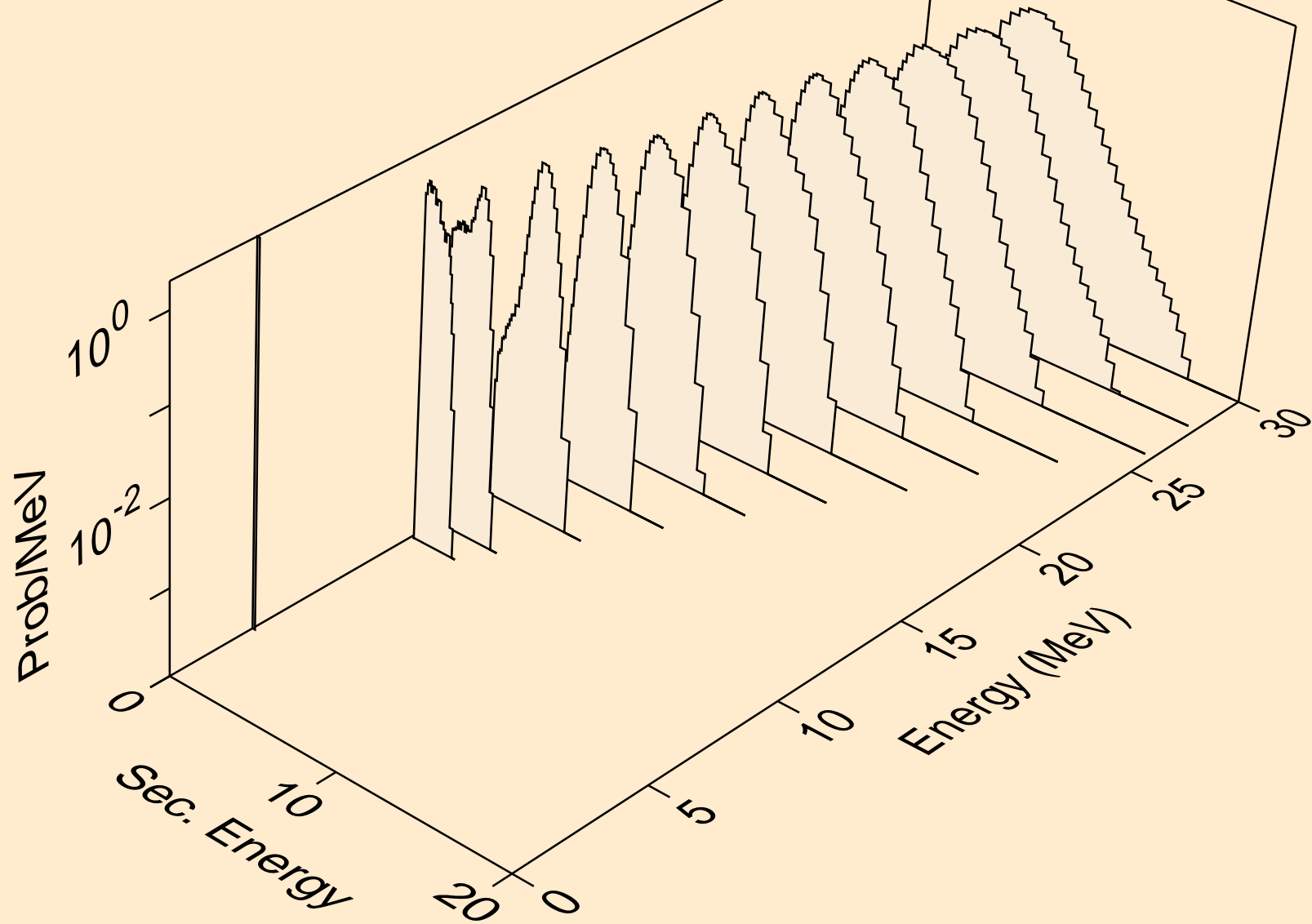
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protons from (d,3np)



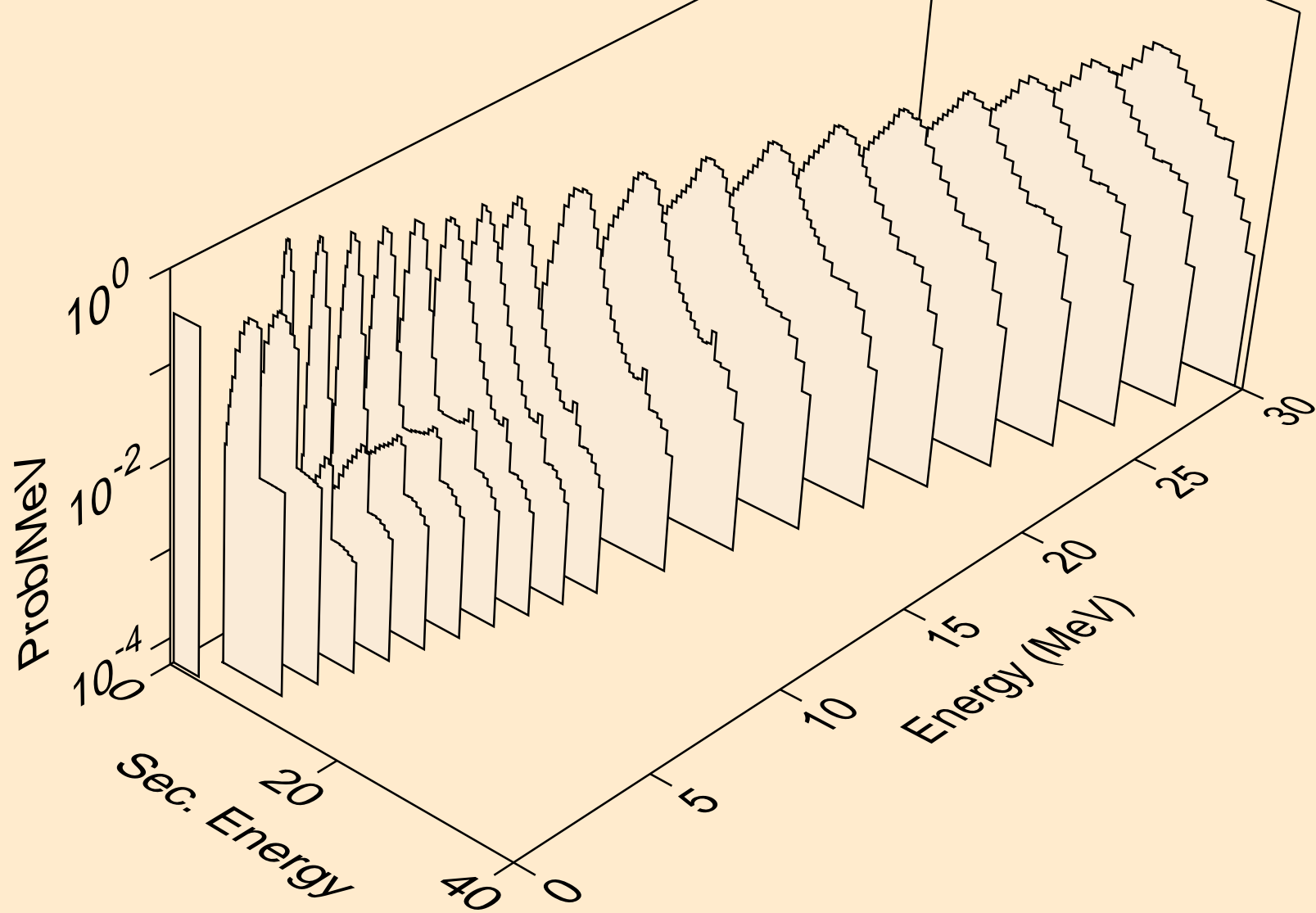
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protons from (d,n2p)



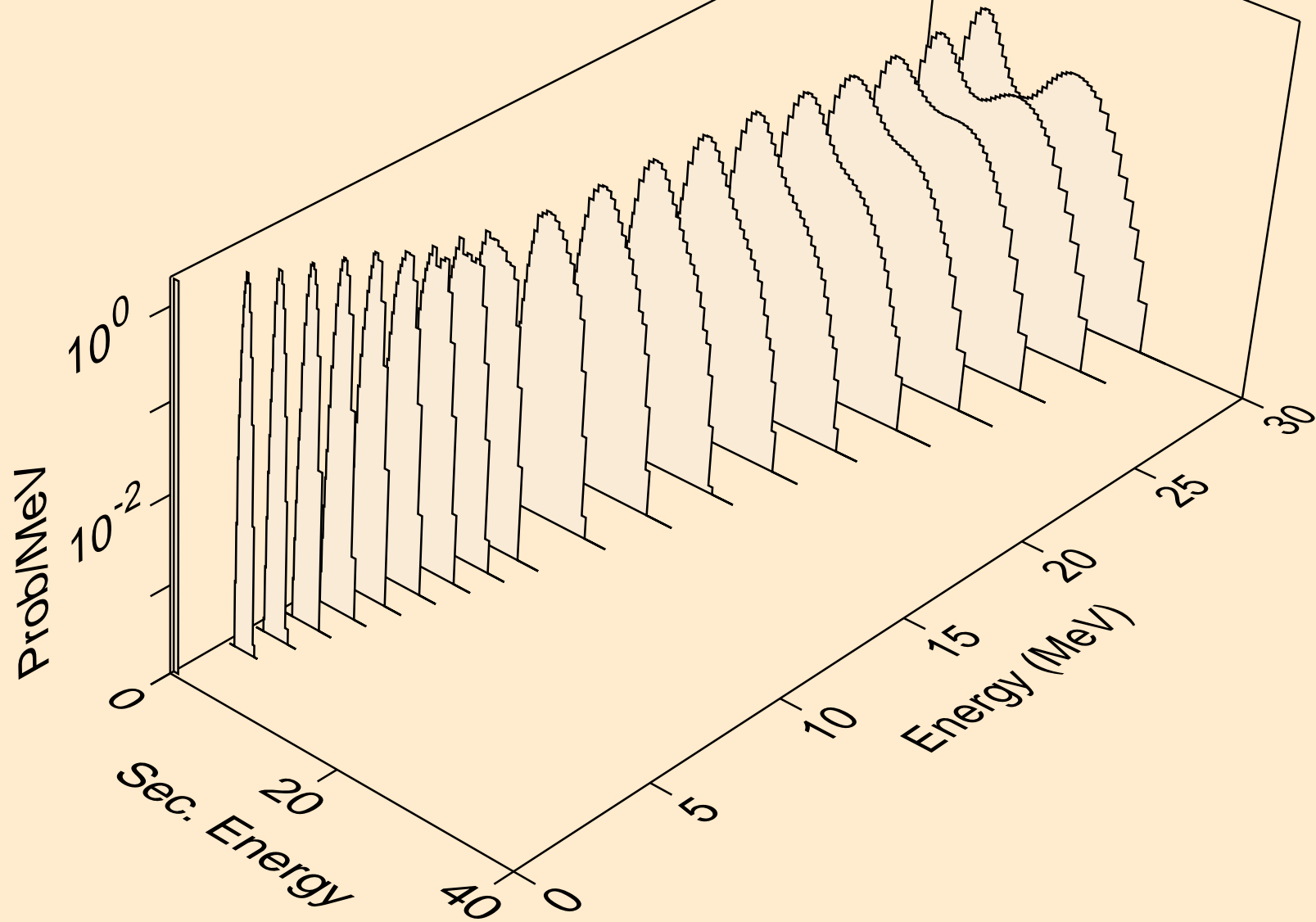
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protons from (d,npa)



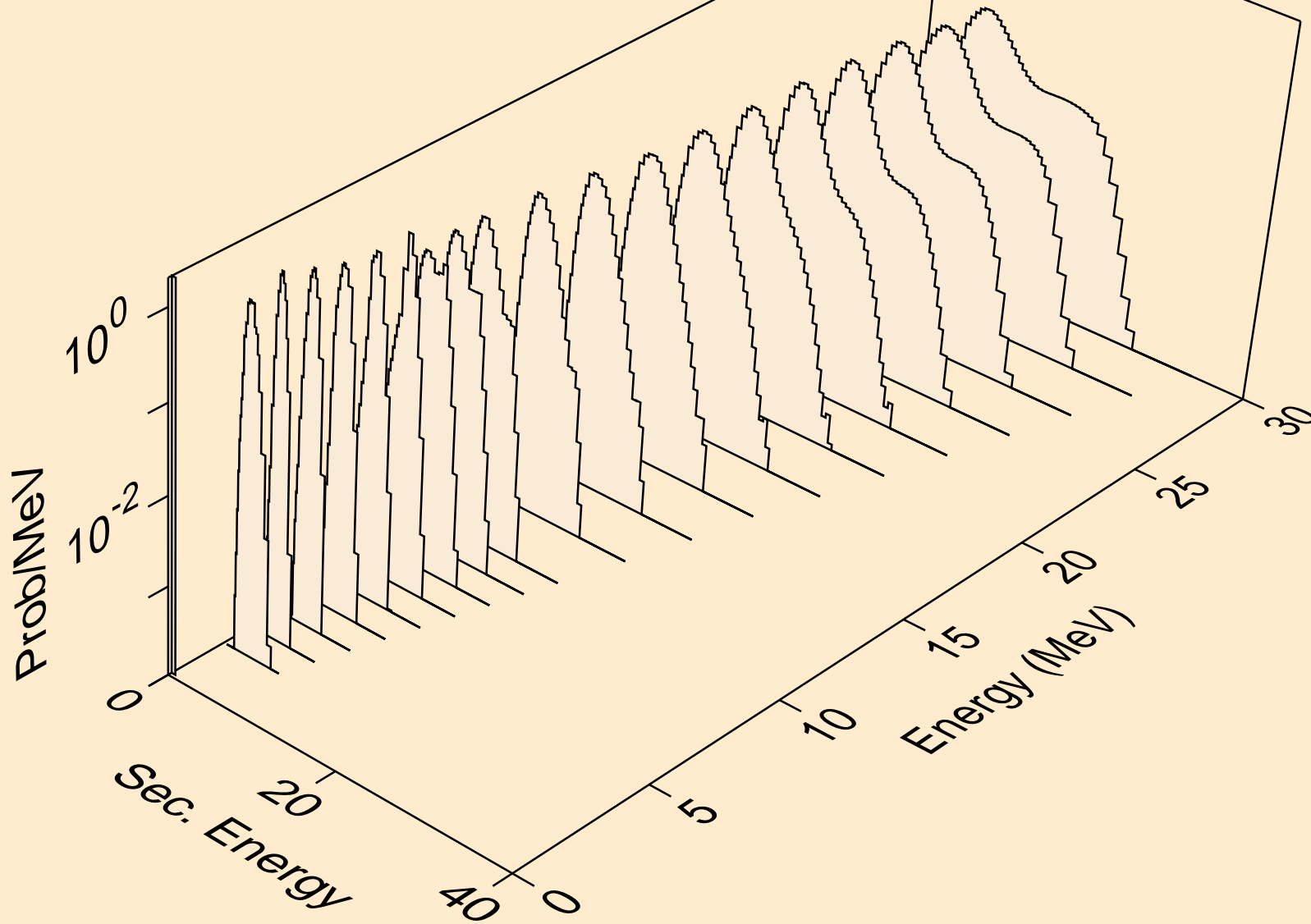
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protons from (d,p)



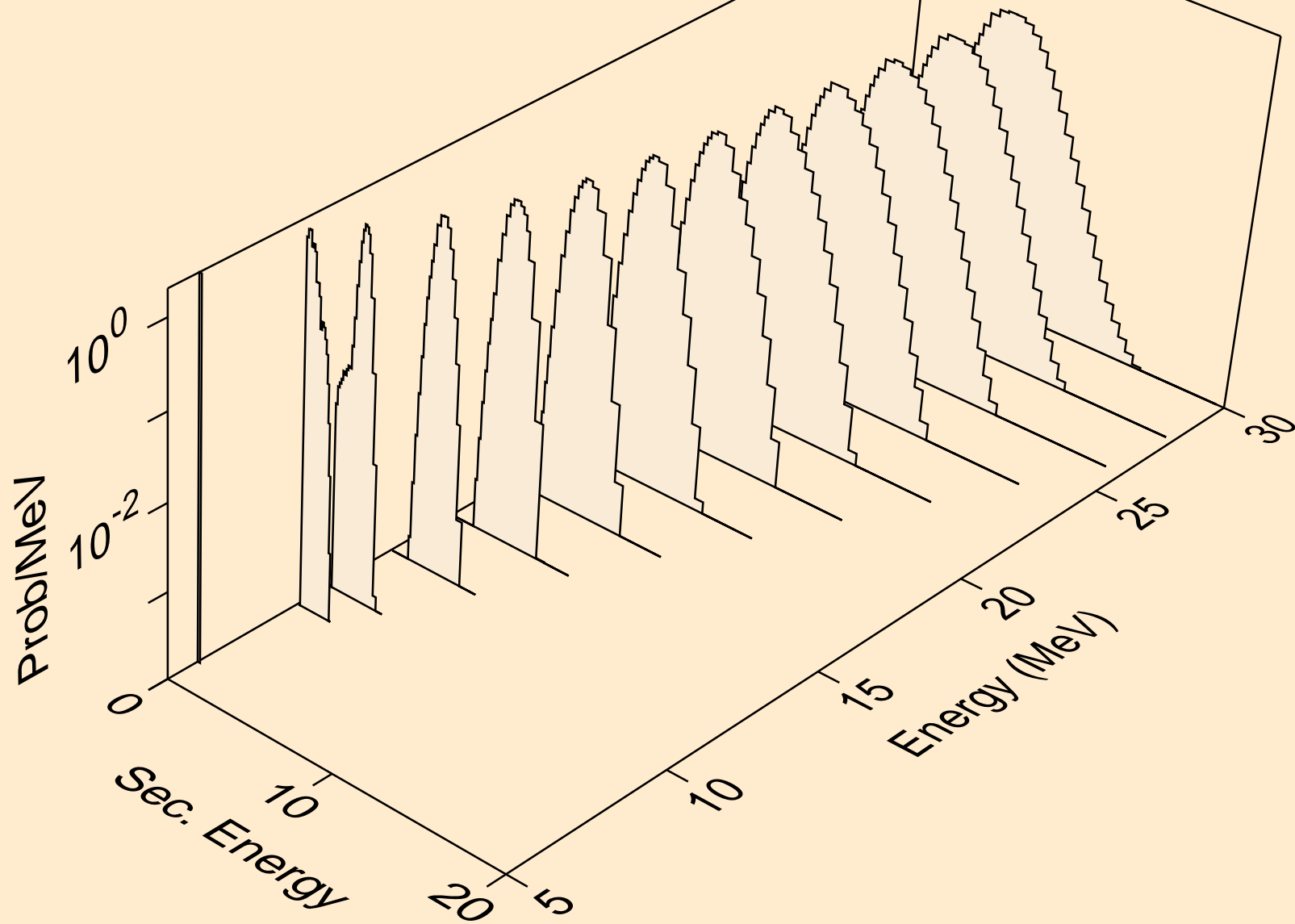
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protons from (d,2p)



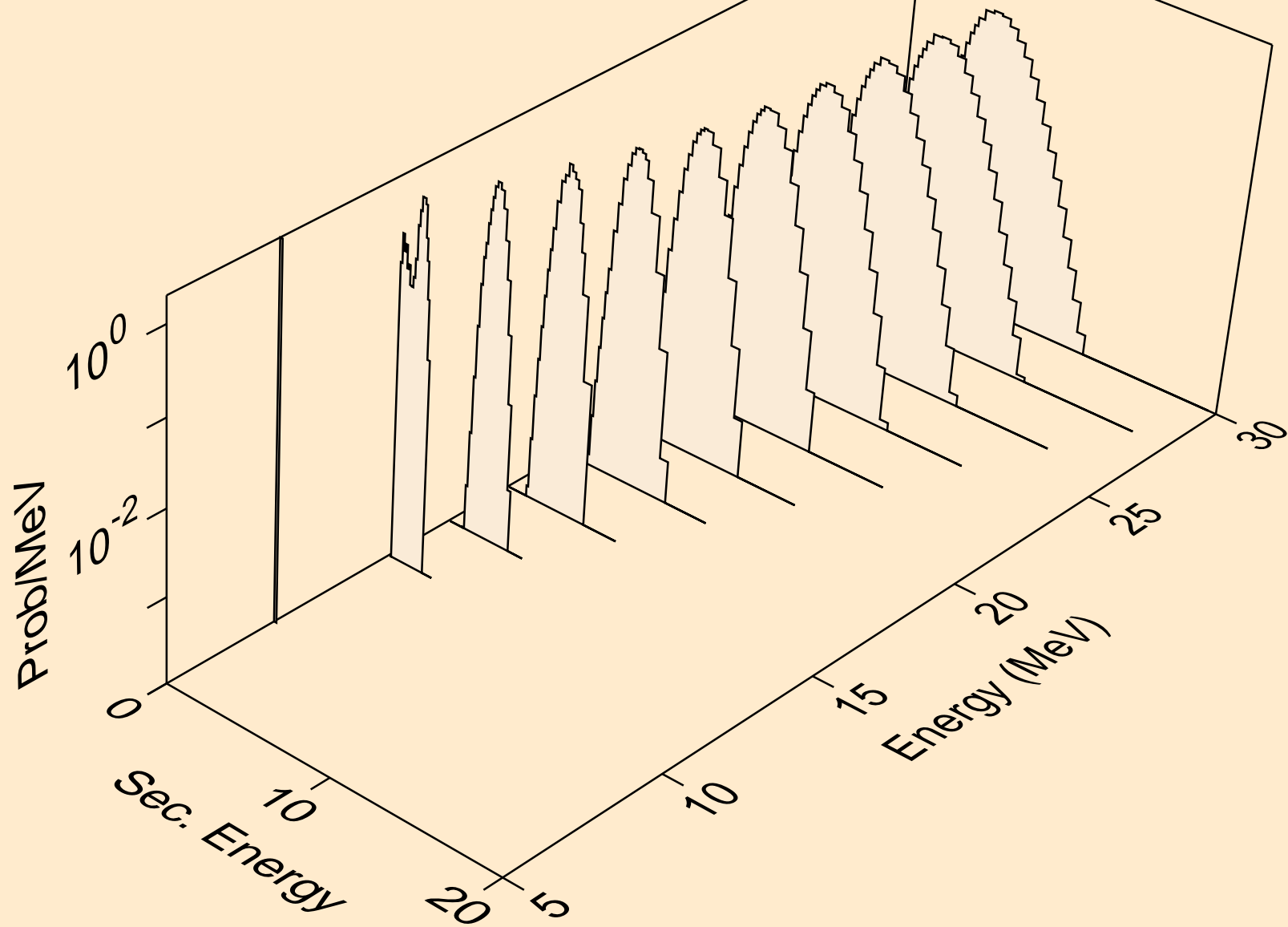
SN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (d,pa)



SN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (d,pd)

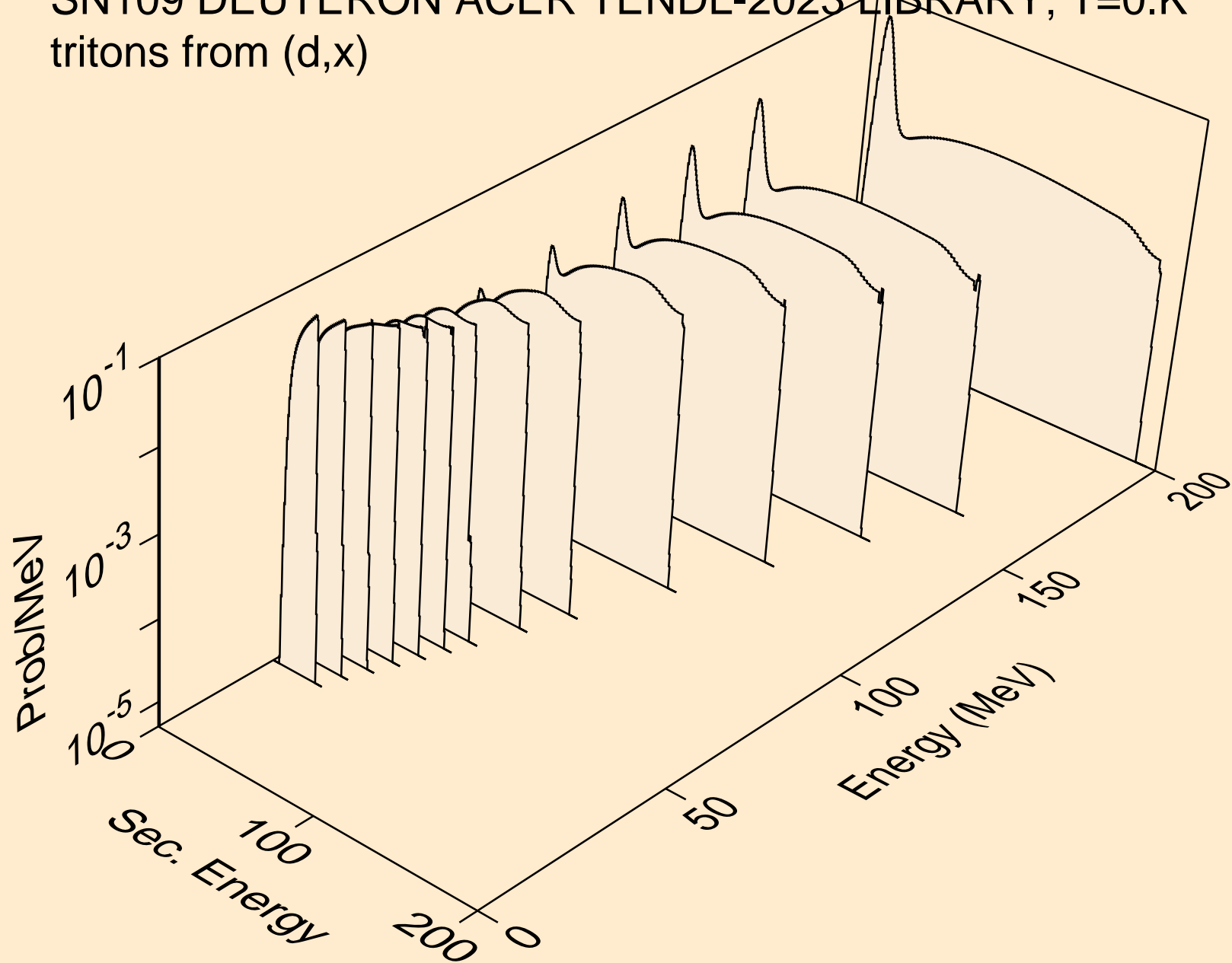


SN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (d,pt)

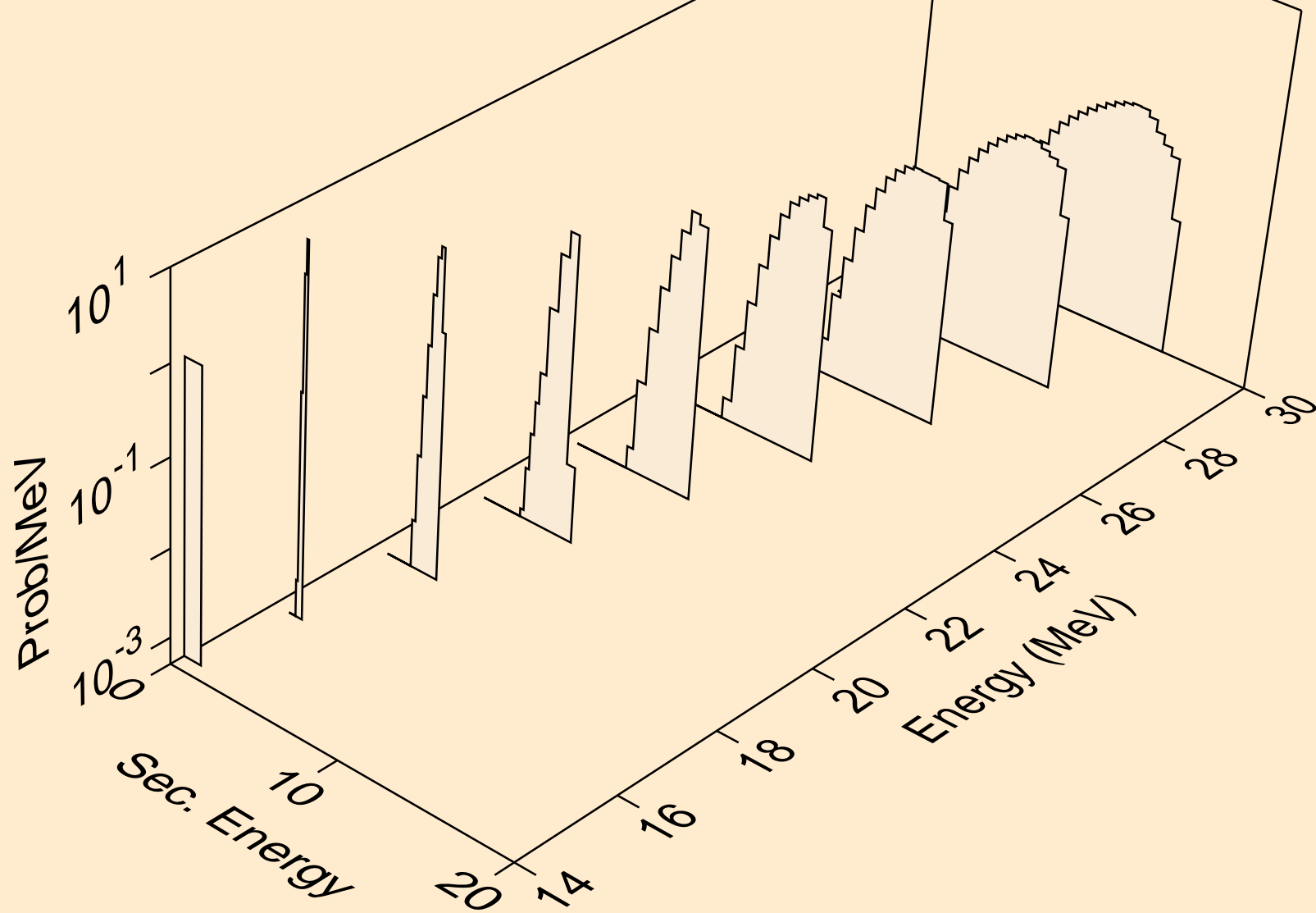




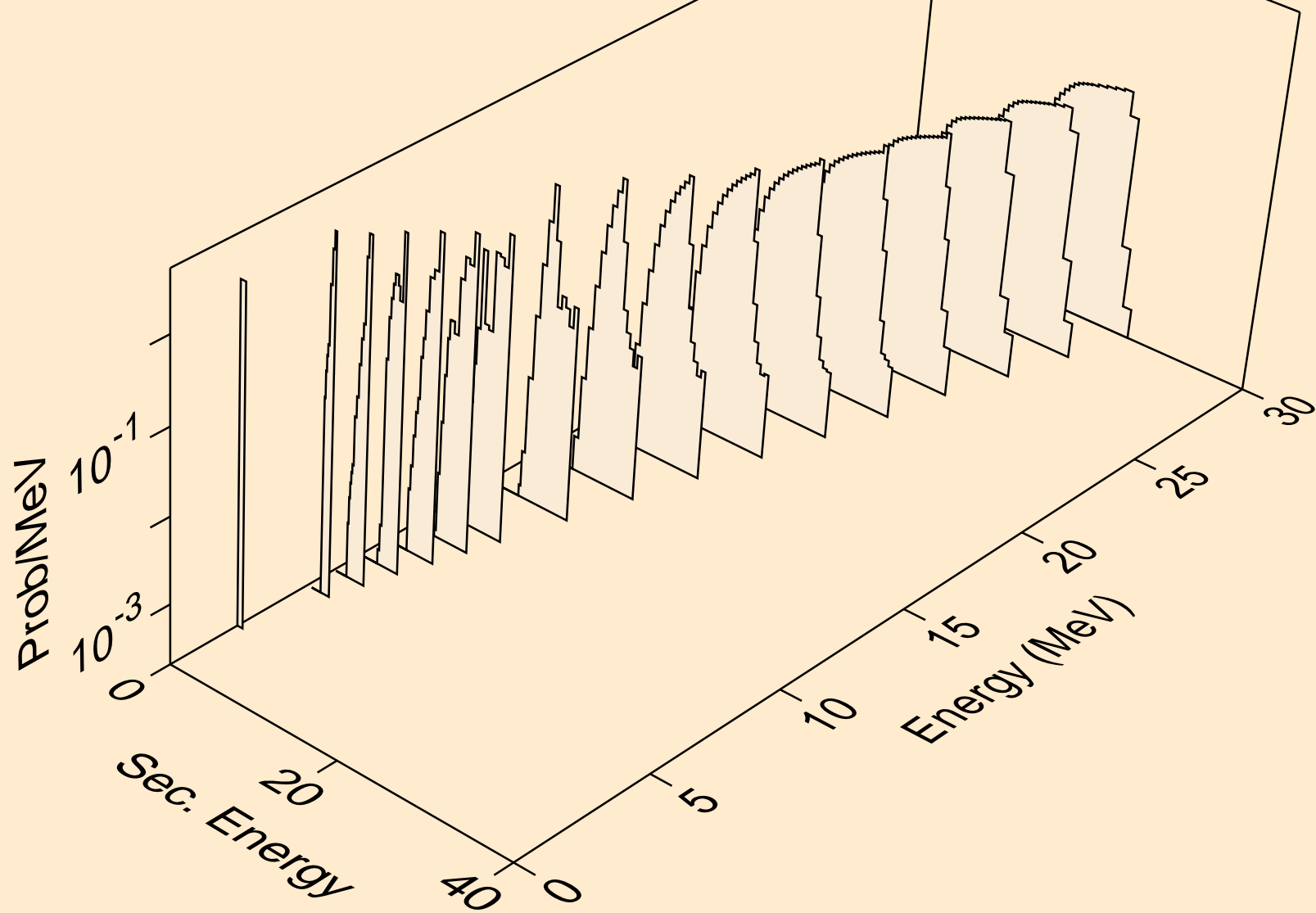
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tritons from (d,x)



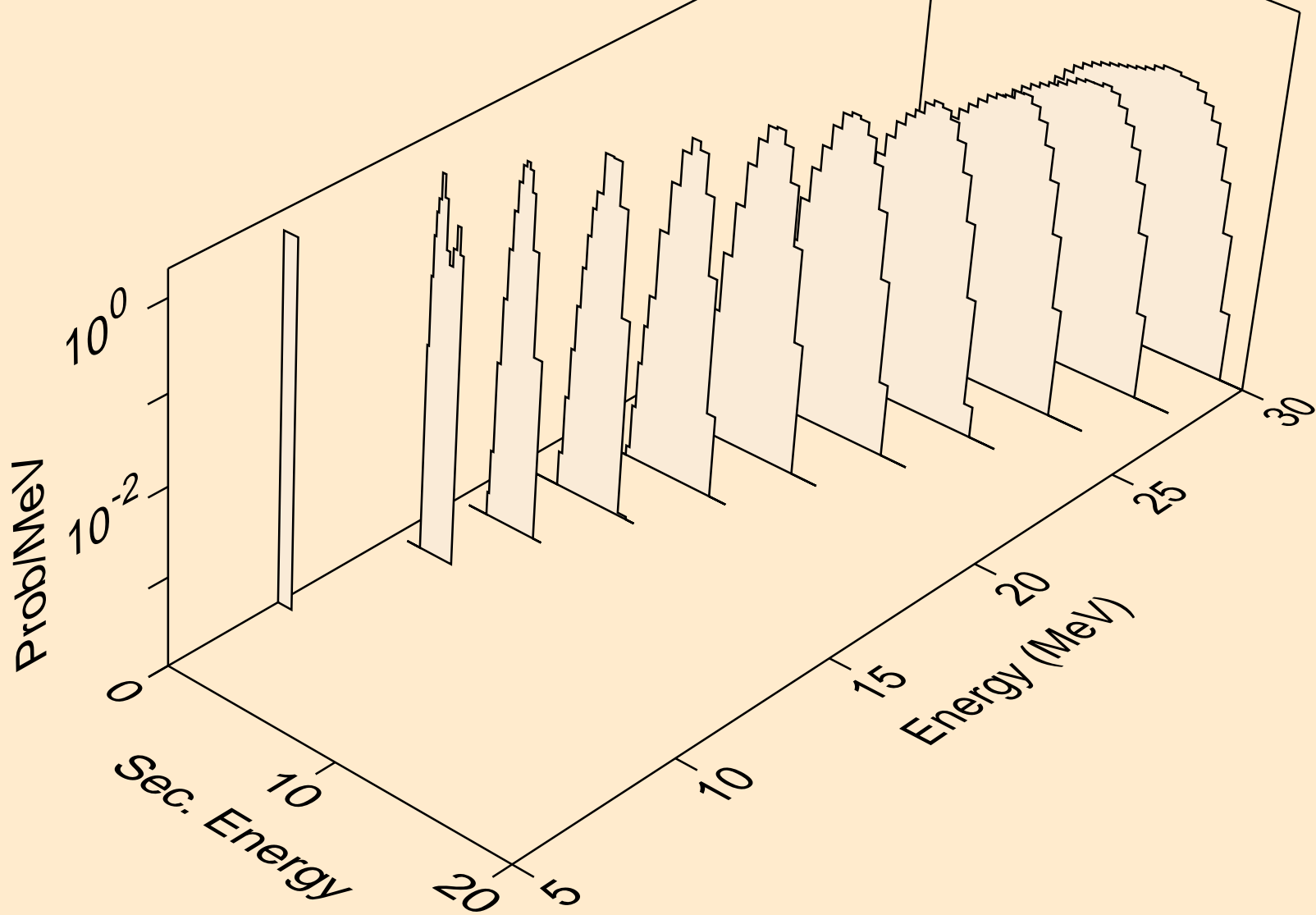
SN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (d,n\*)t



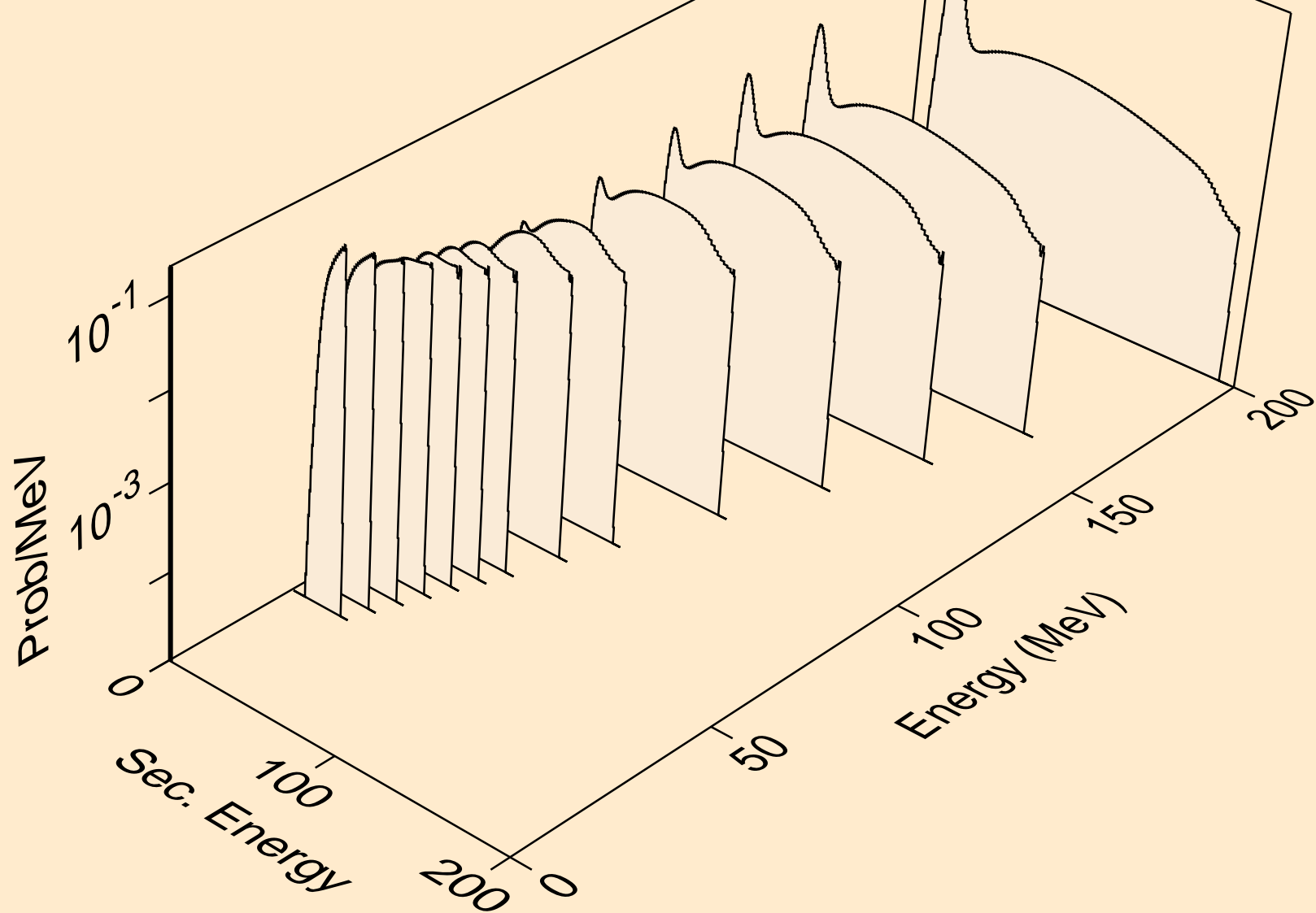
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tritons from (d,t)



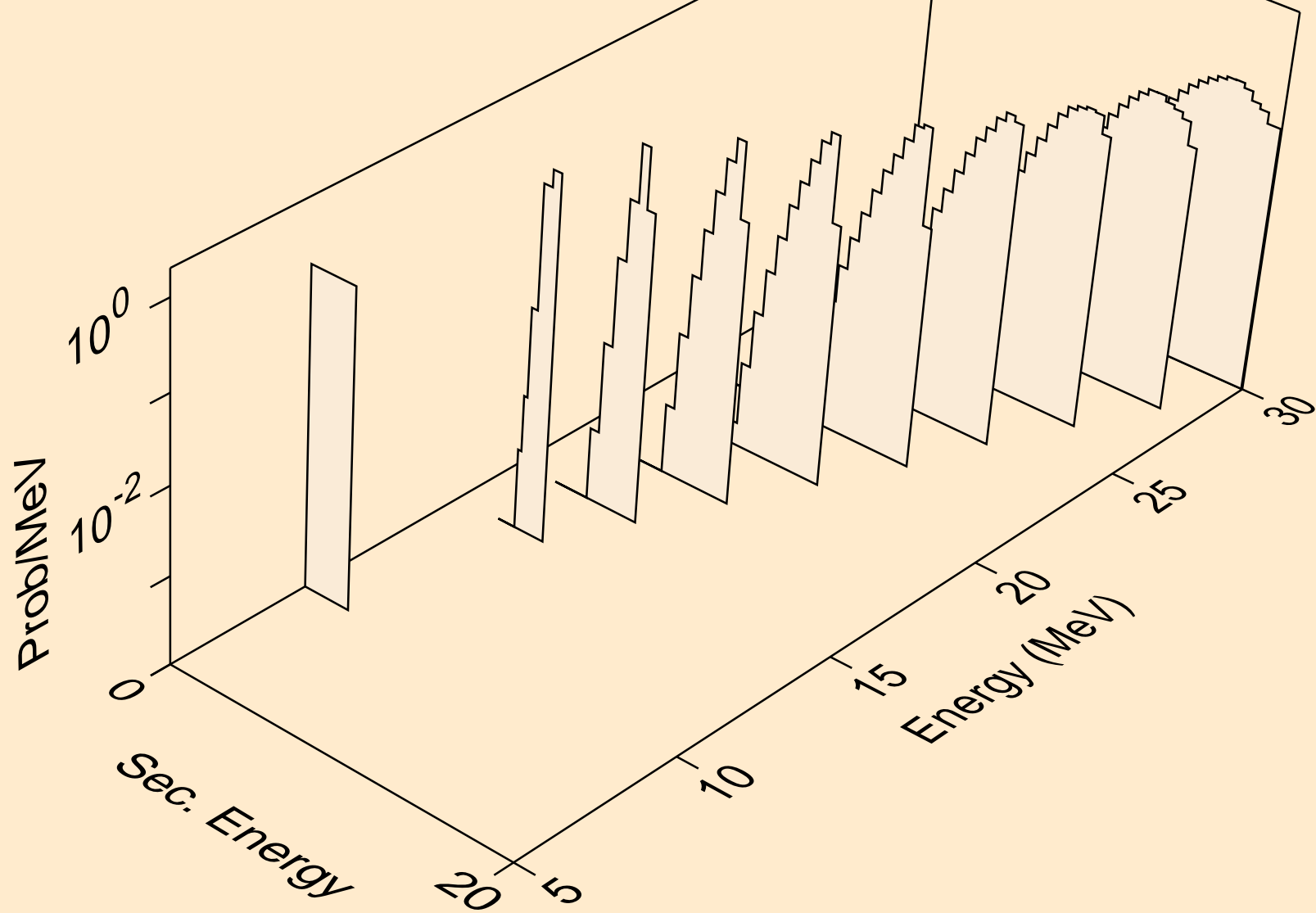
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tritons from (d,pt)



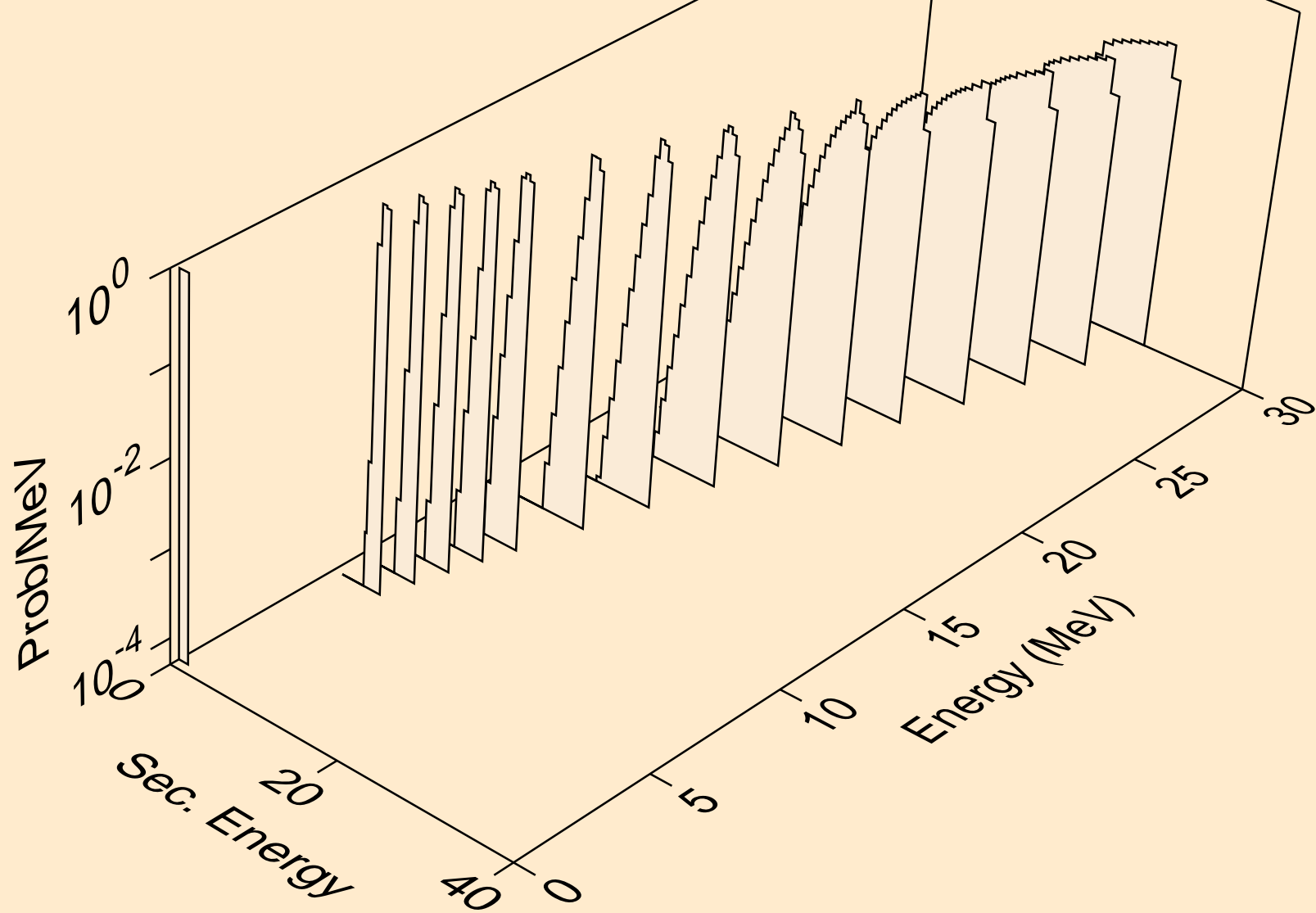
SN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (d,x)



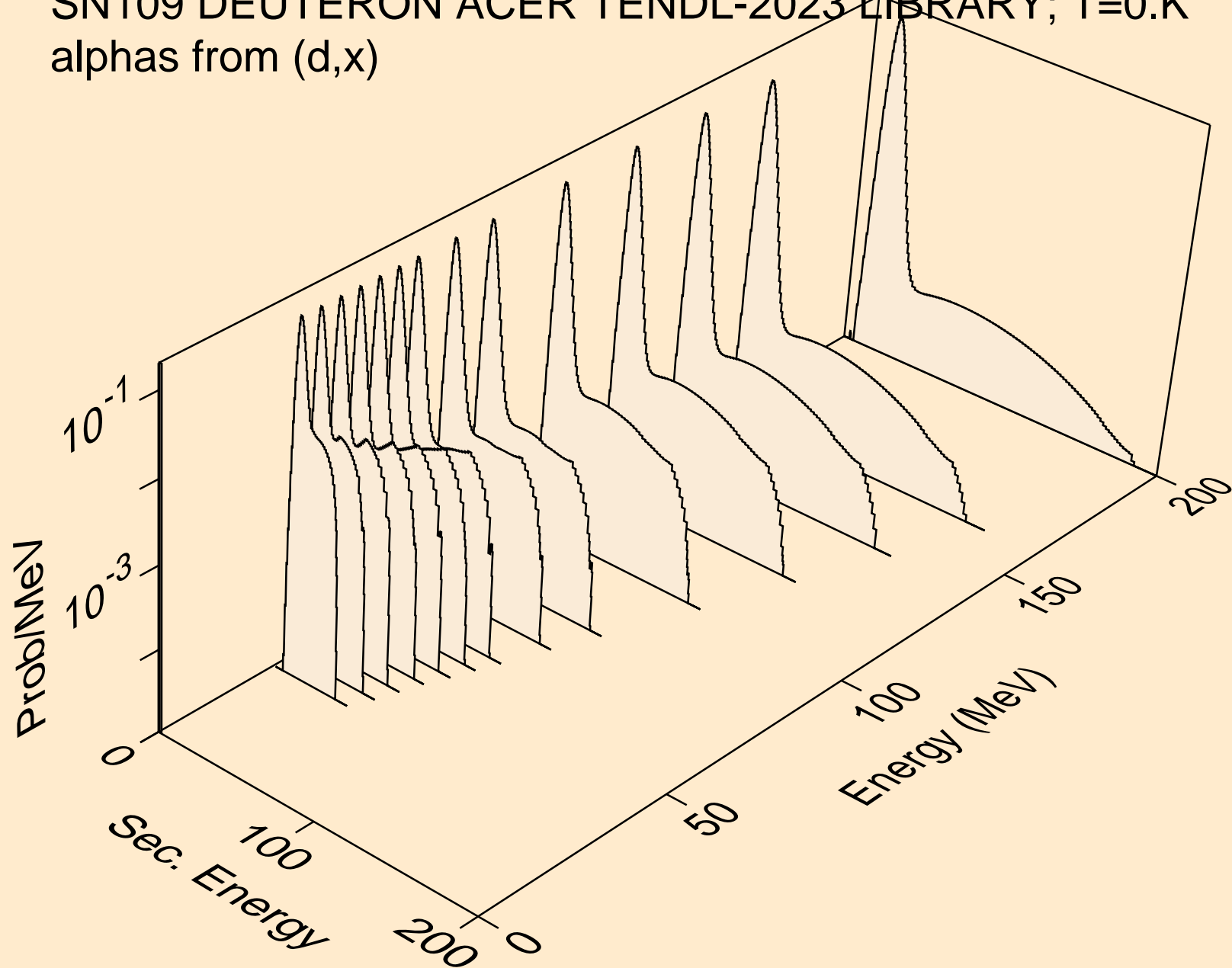
SN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (d,n\*)he3



SN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (d,he3)

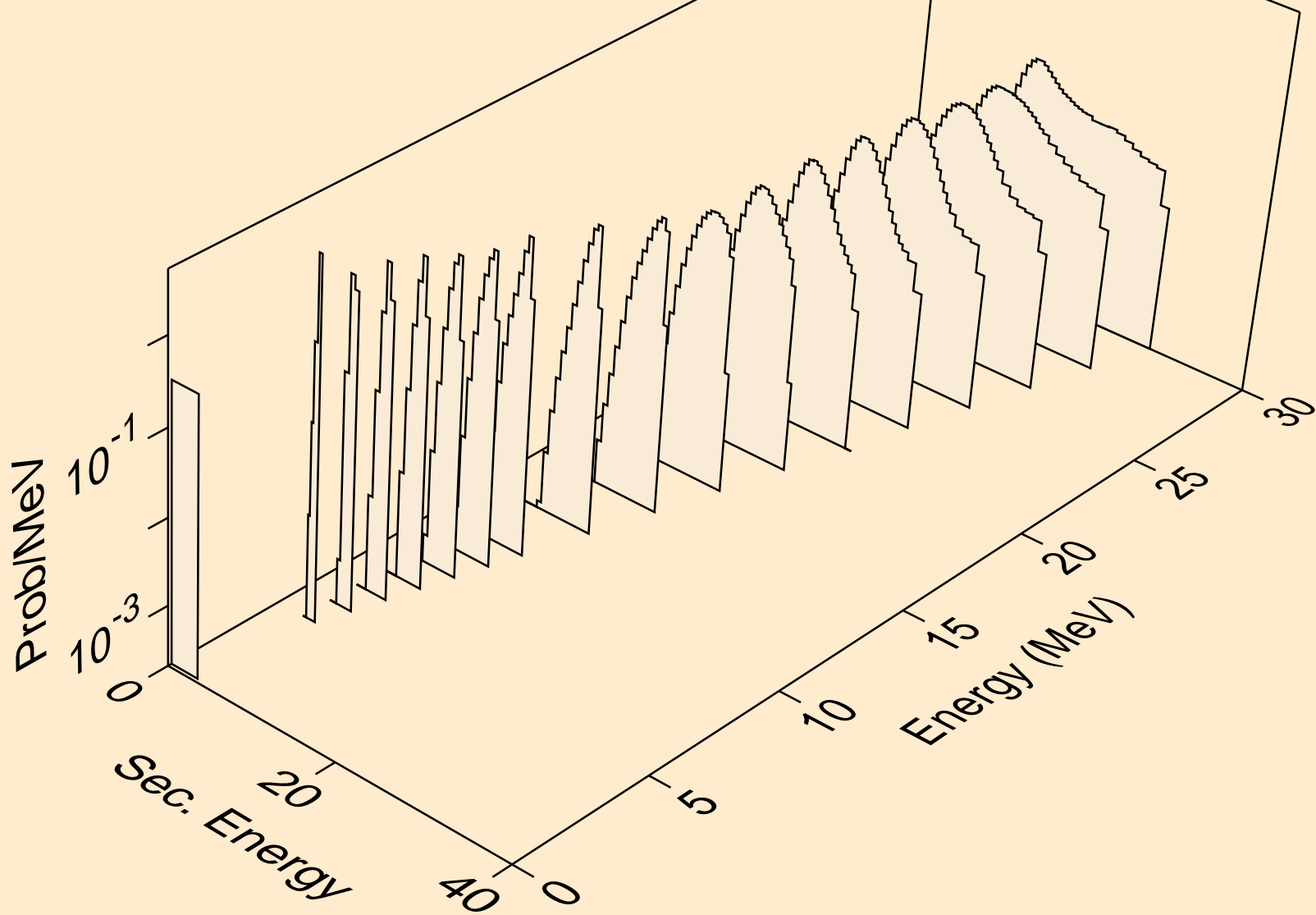


SN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,x)

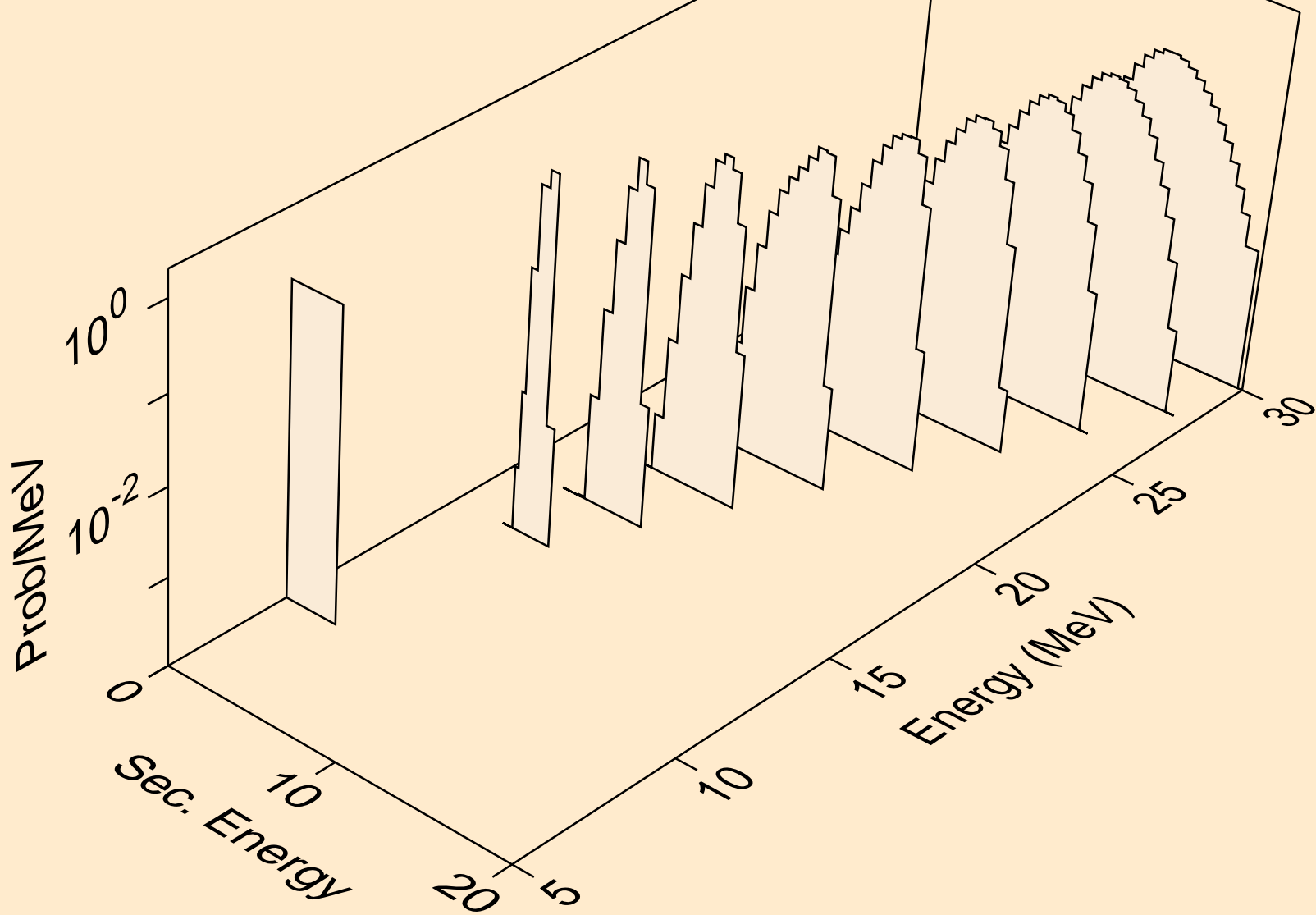




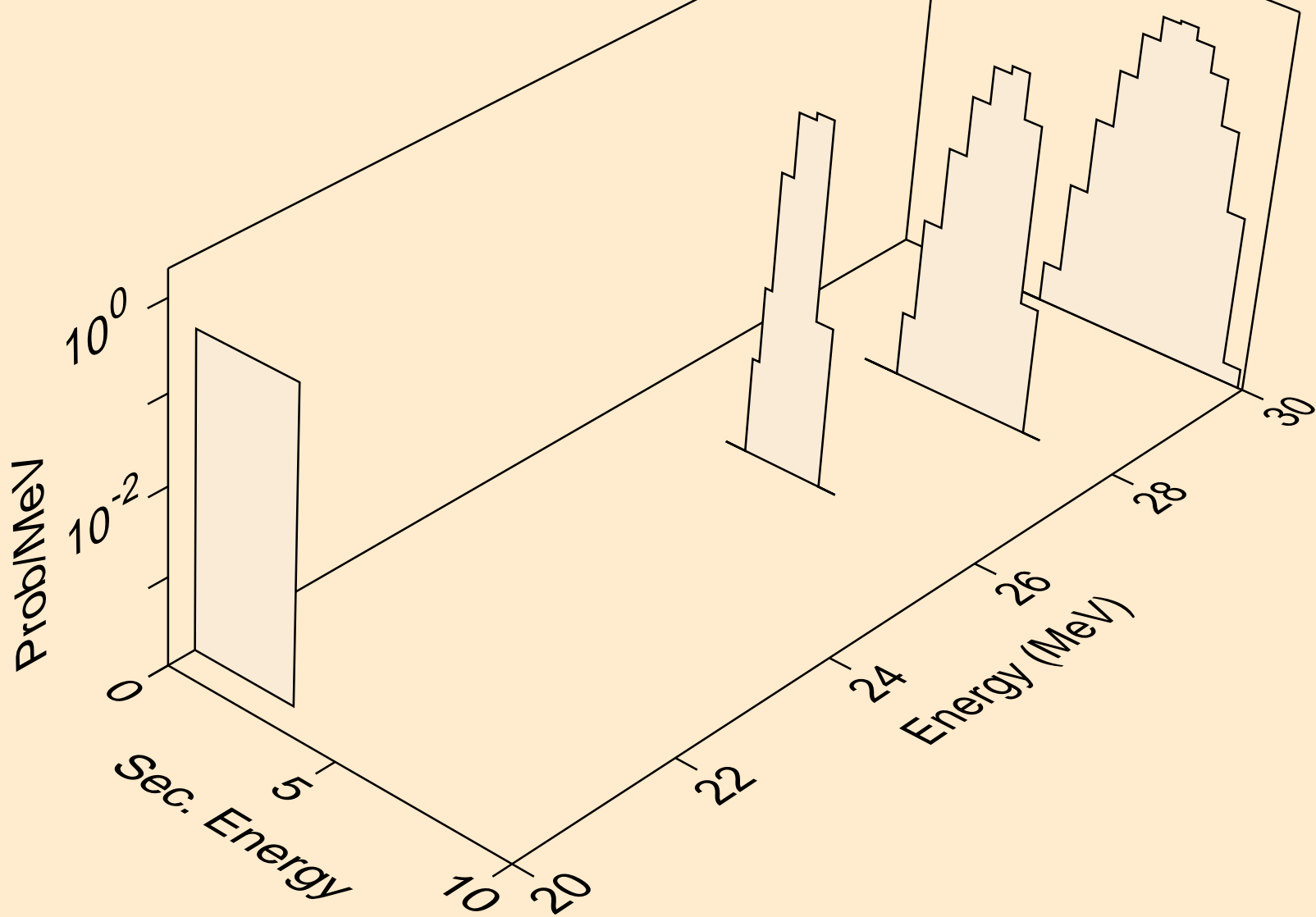
SN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,n\*)a



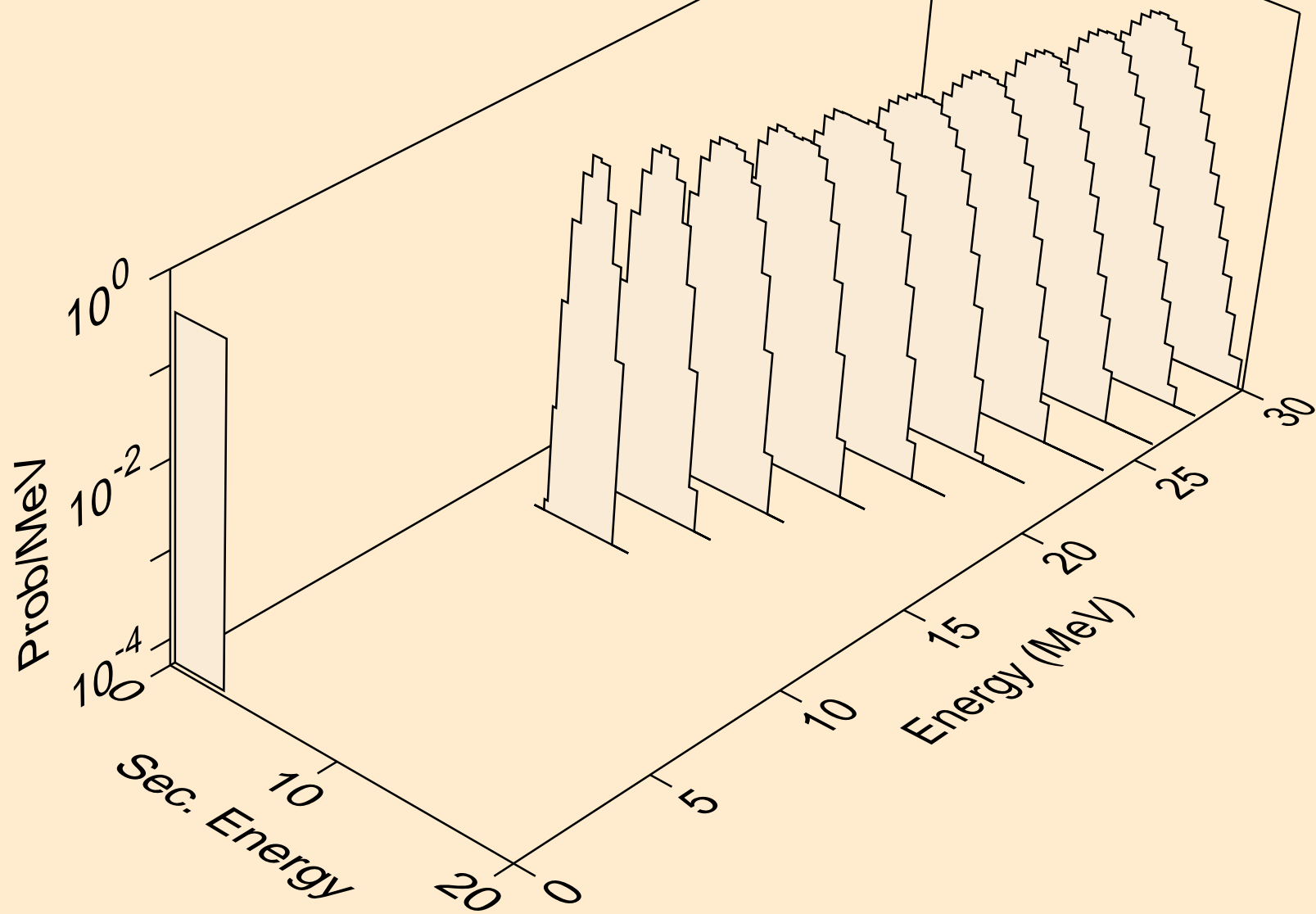
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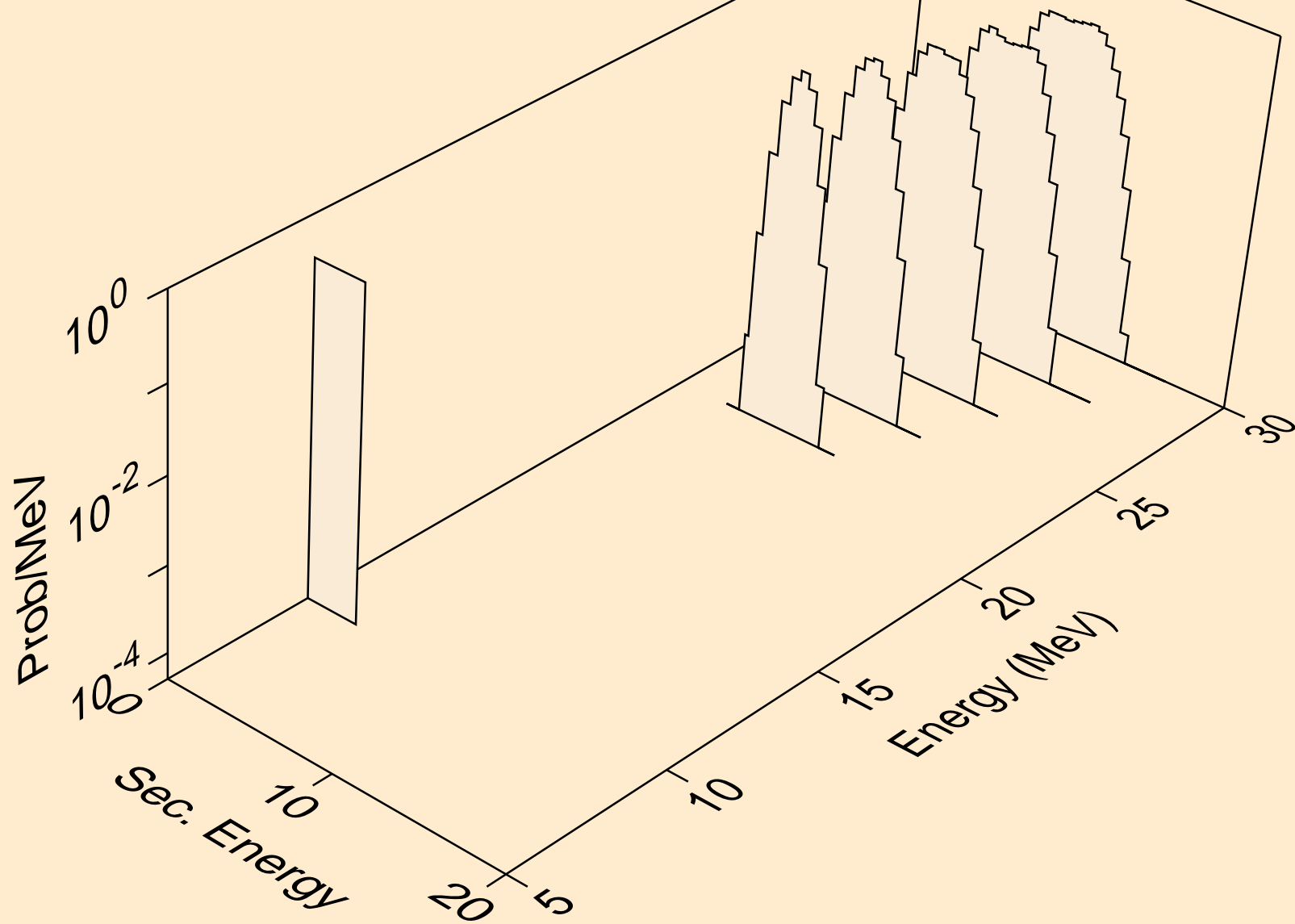
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alphas from (d,3n)a



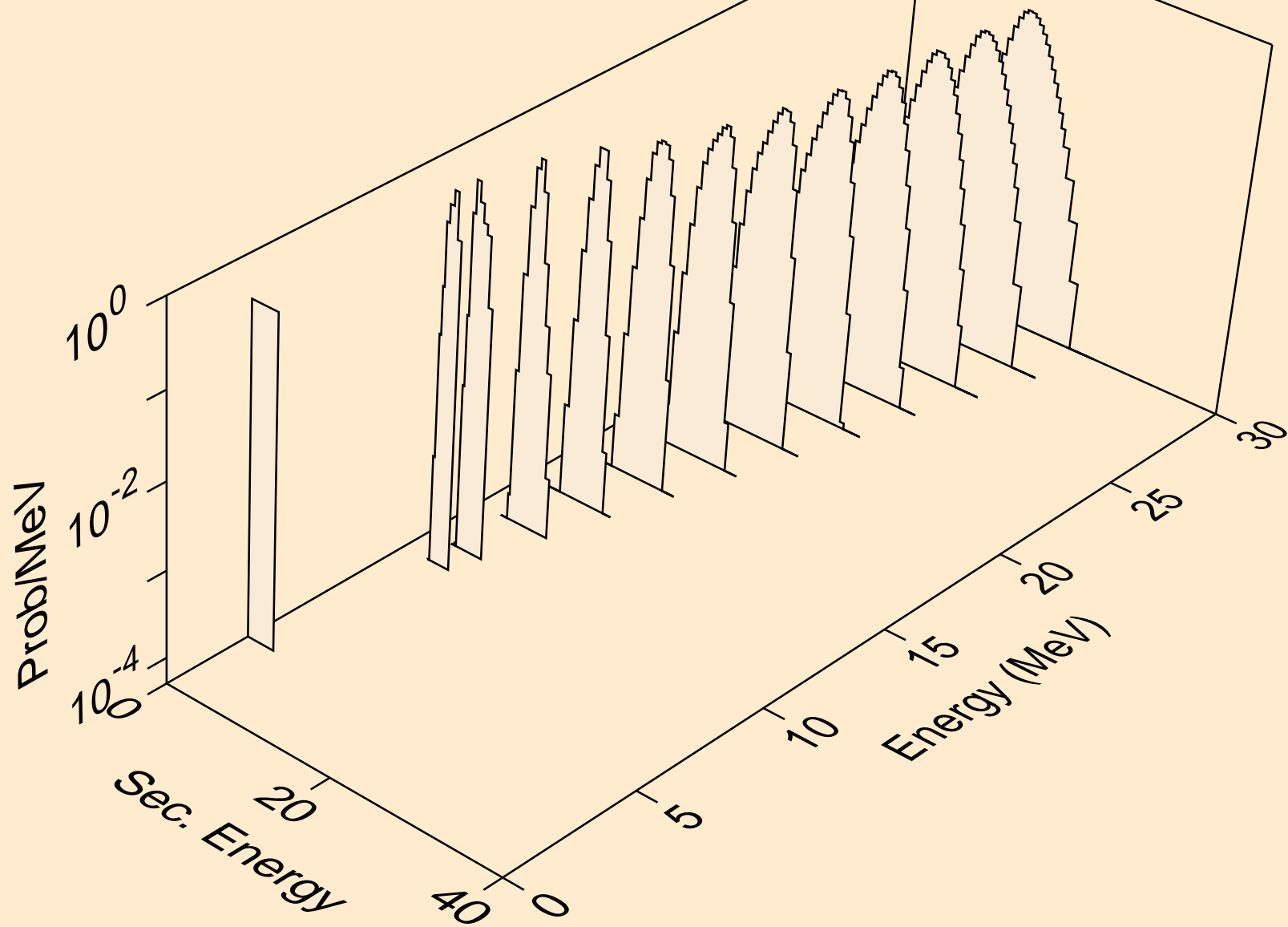
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alphas from (d,n\*)2a



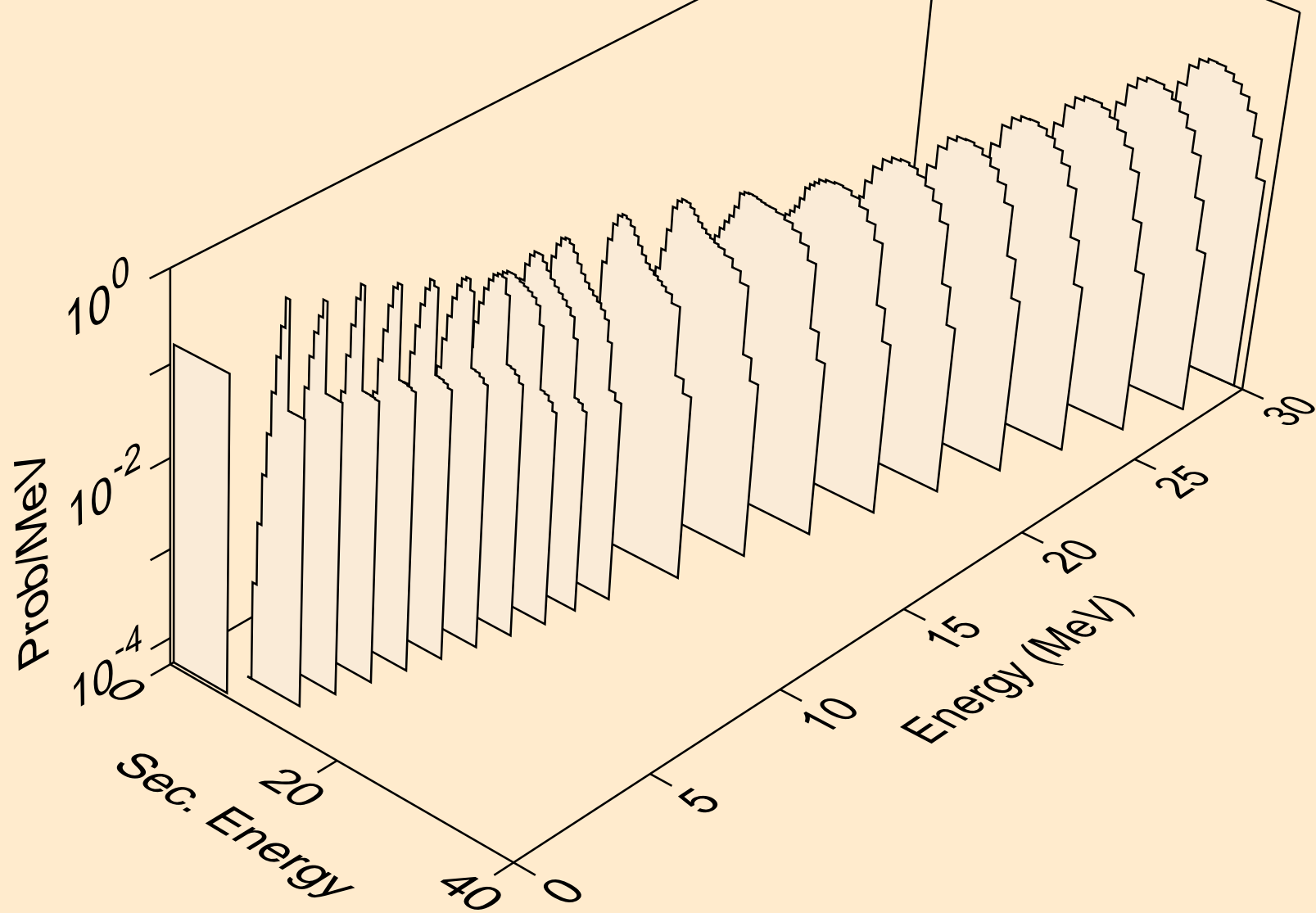
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alphas from (d,2n)2a



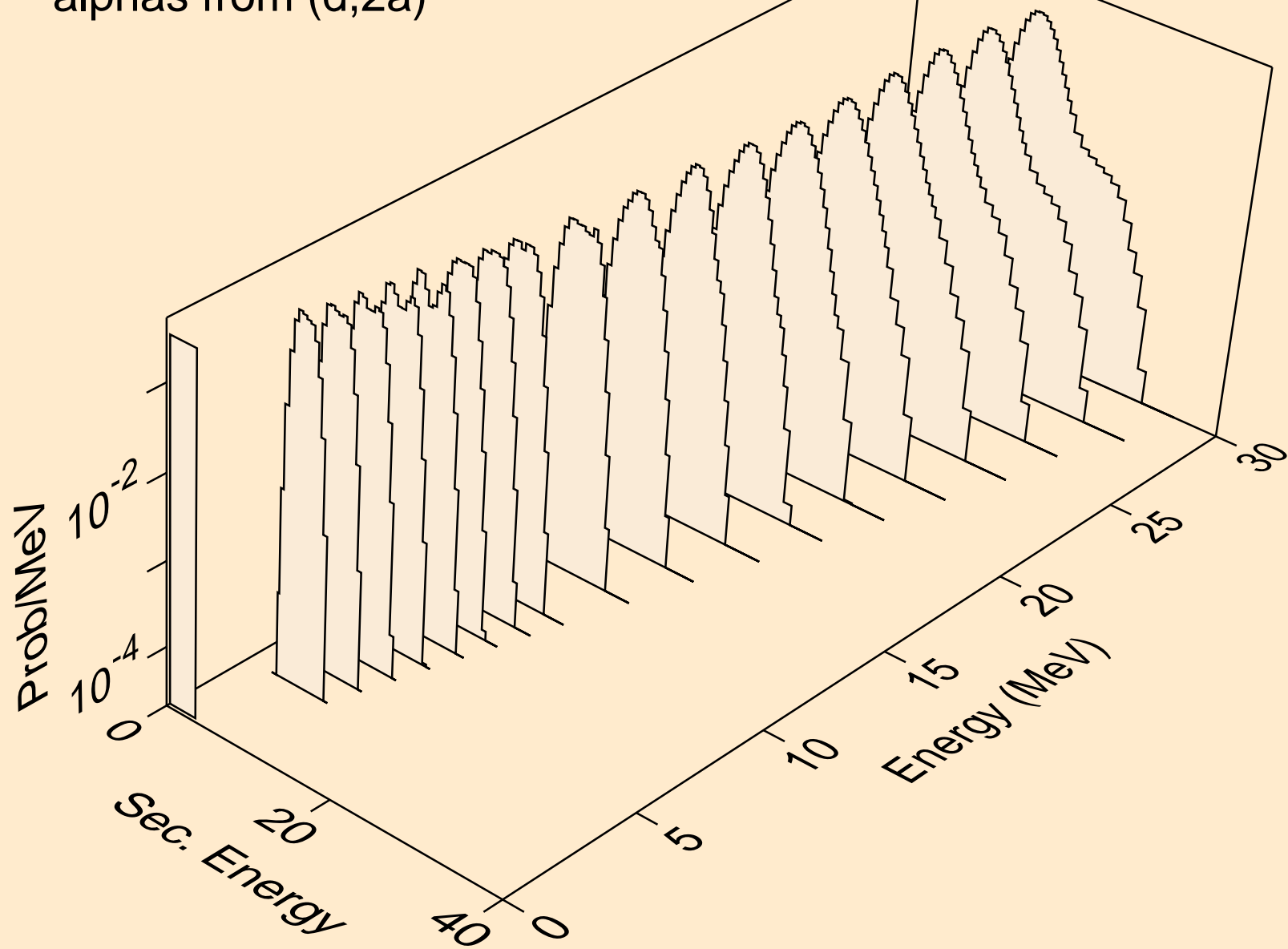
SN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,npa)



SN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,a)

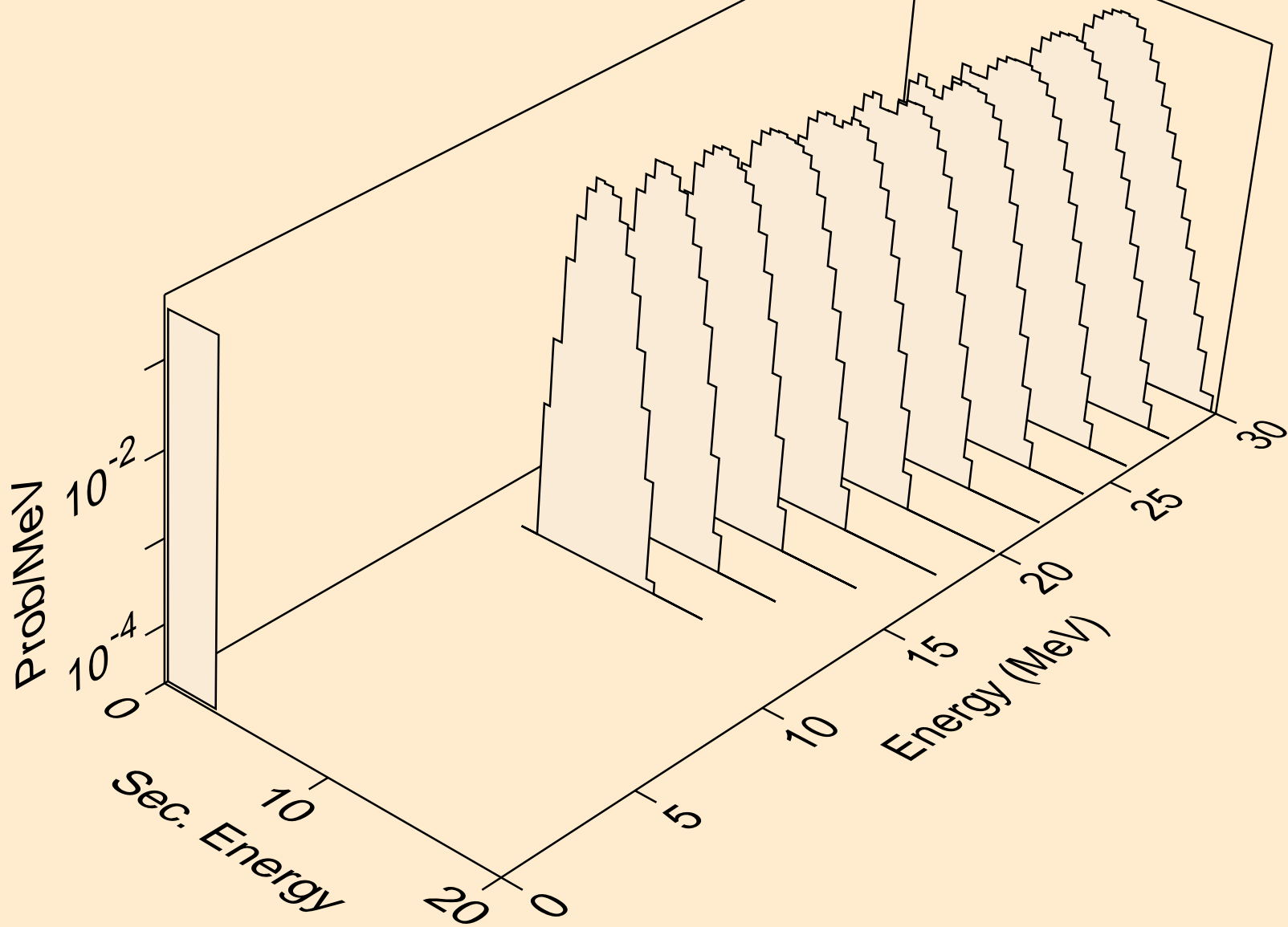


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alphas from (d,2a)

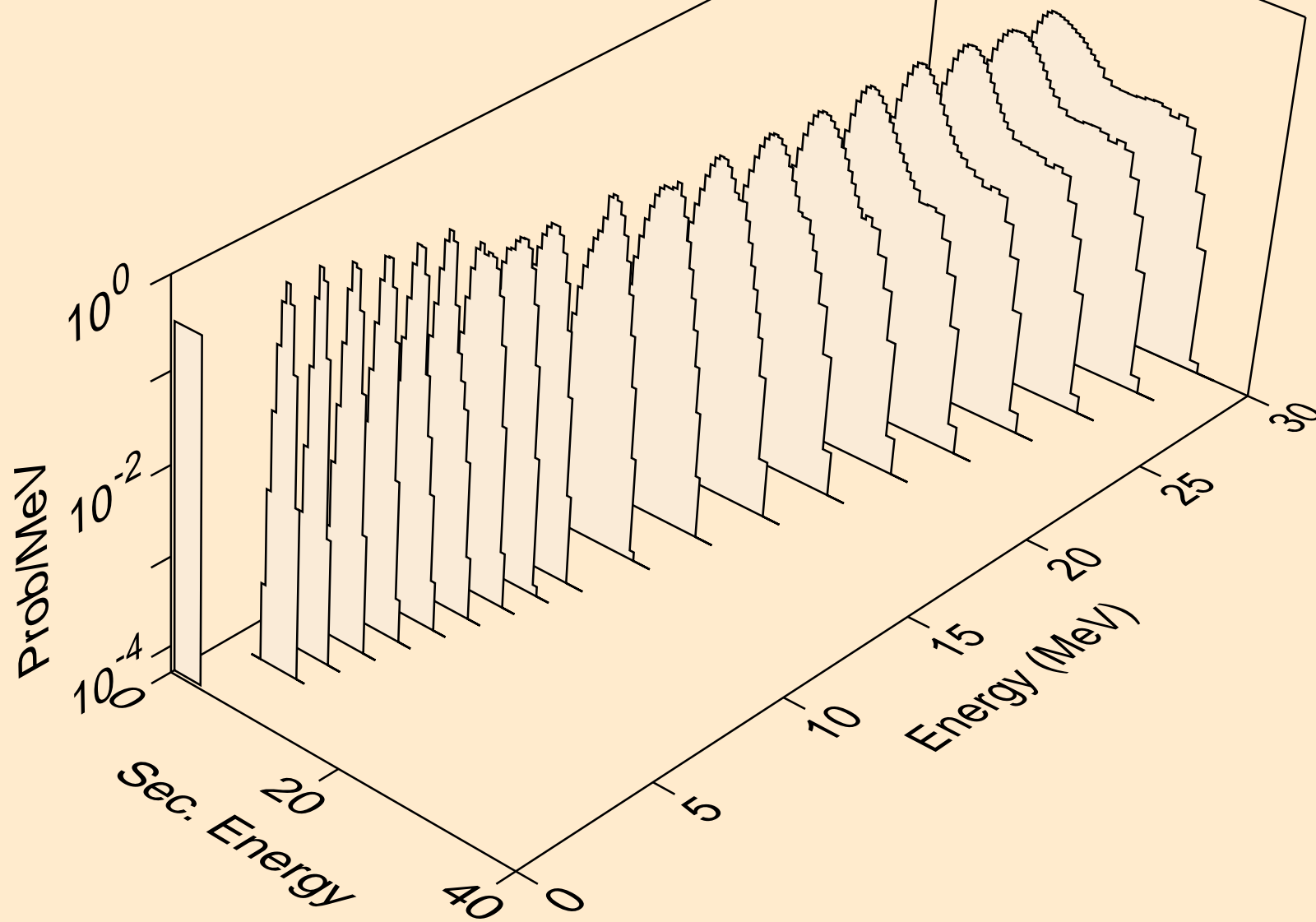




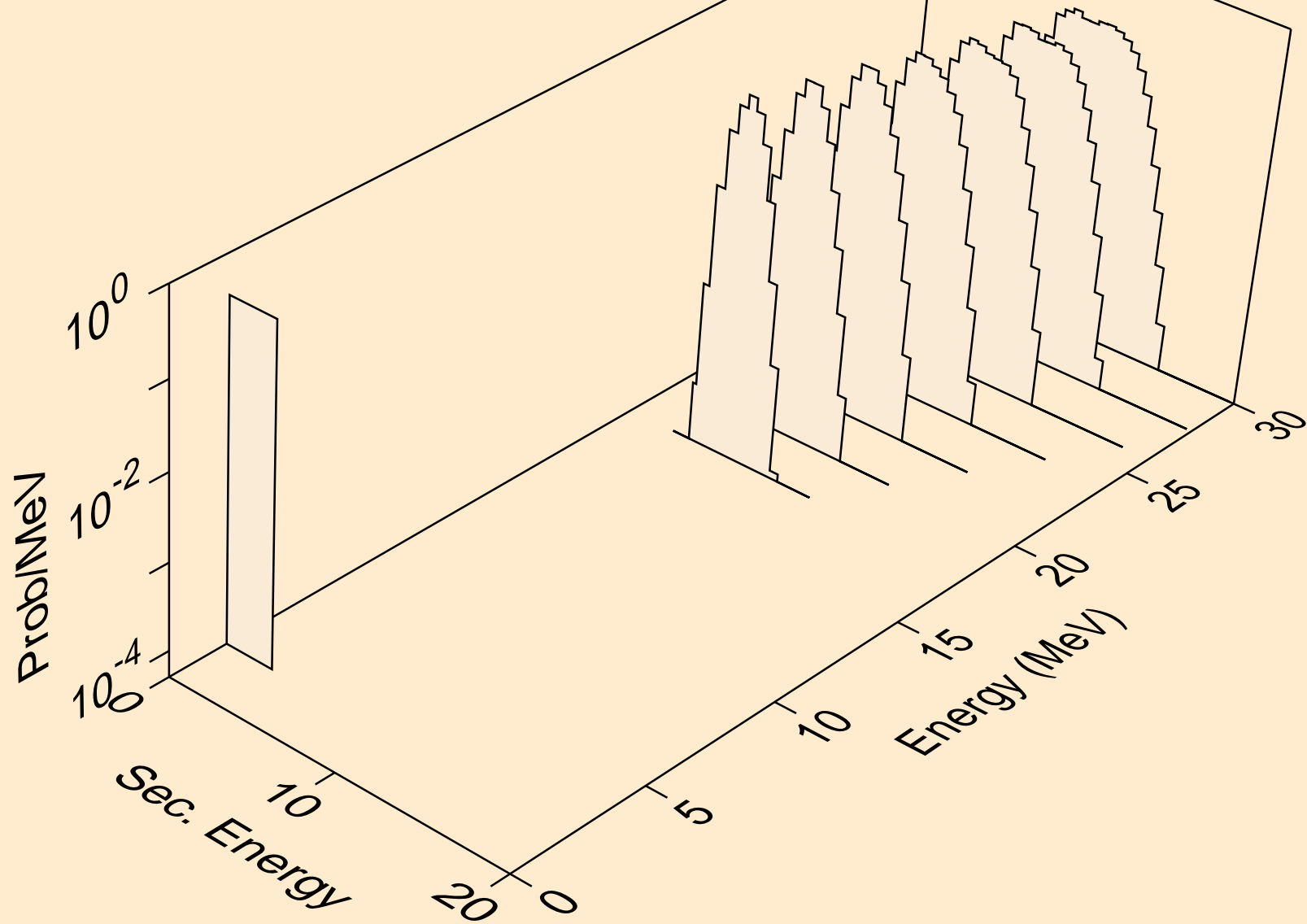
SN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,3a)



SN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,pa)



SN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,d2a)



SN109 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,da)

