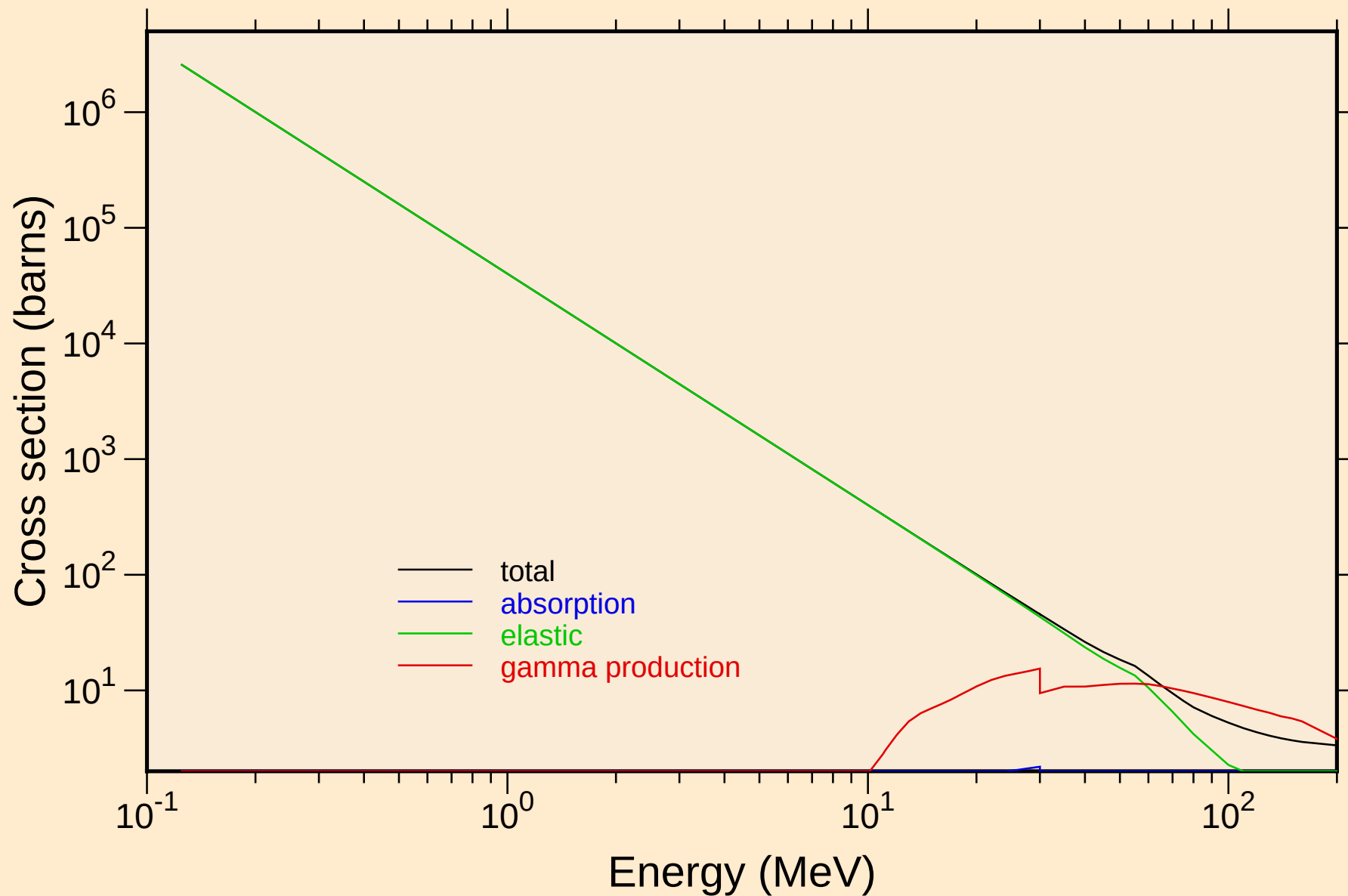


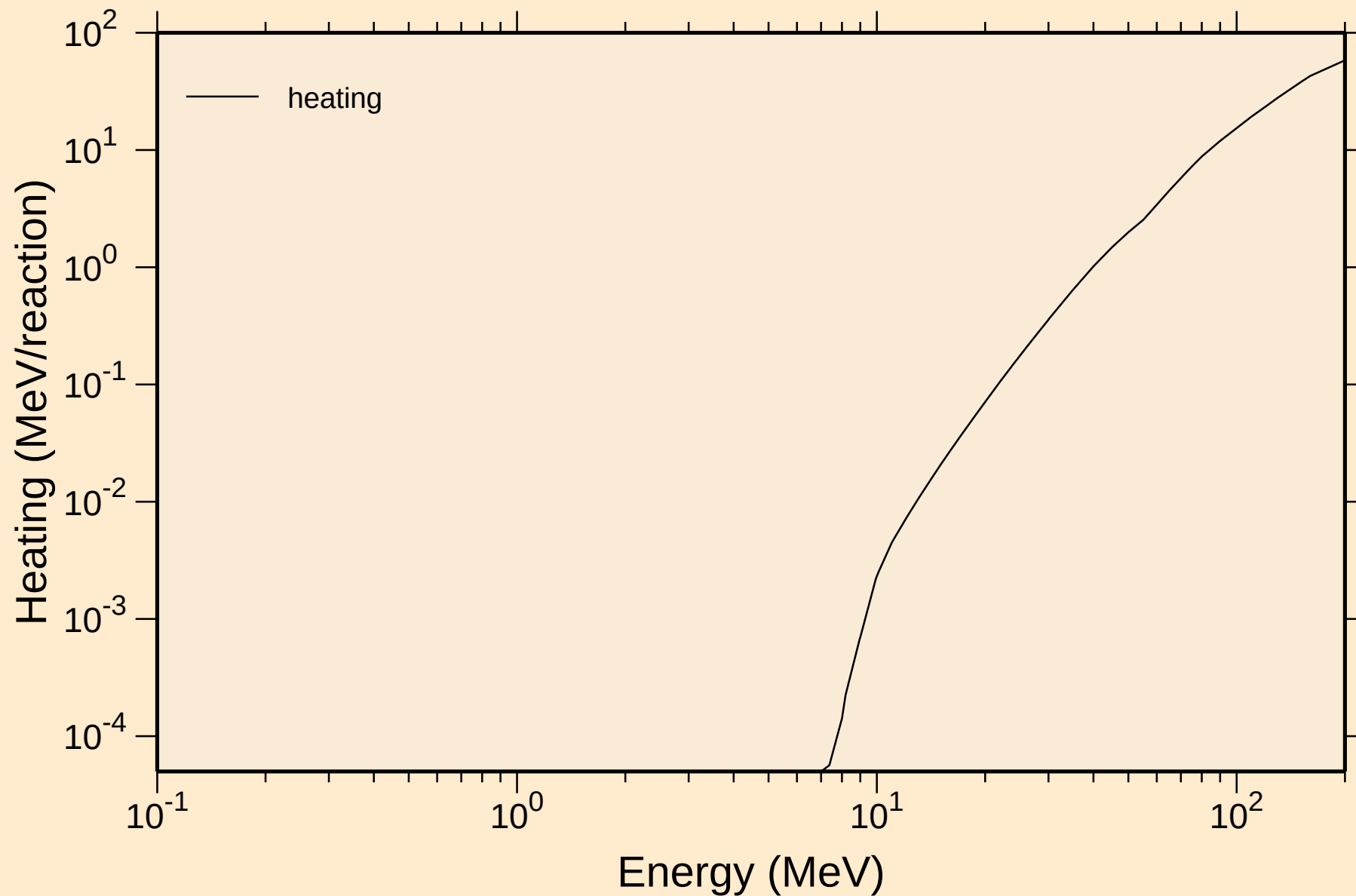
# HG190 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



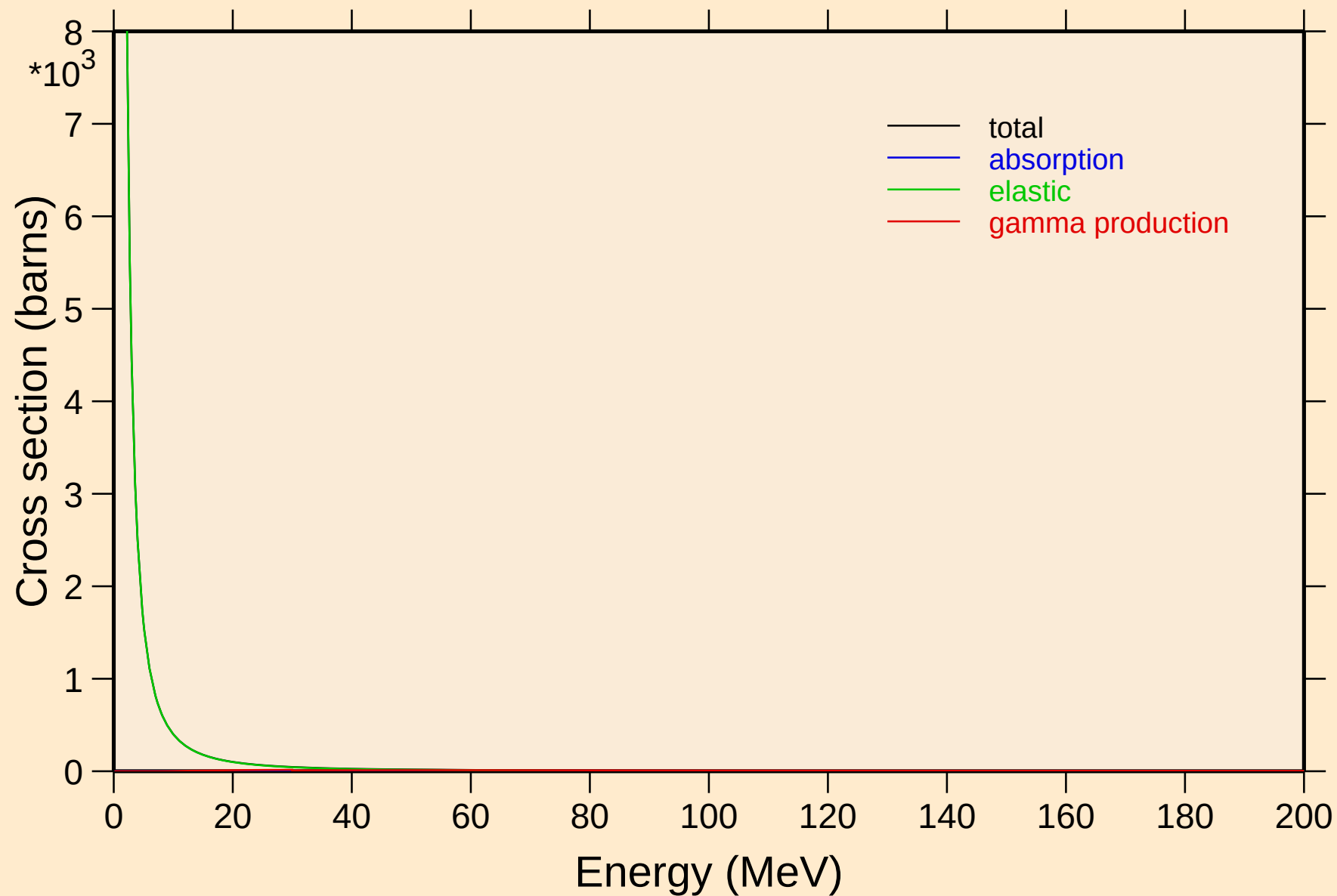
# HG190 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K

Heating



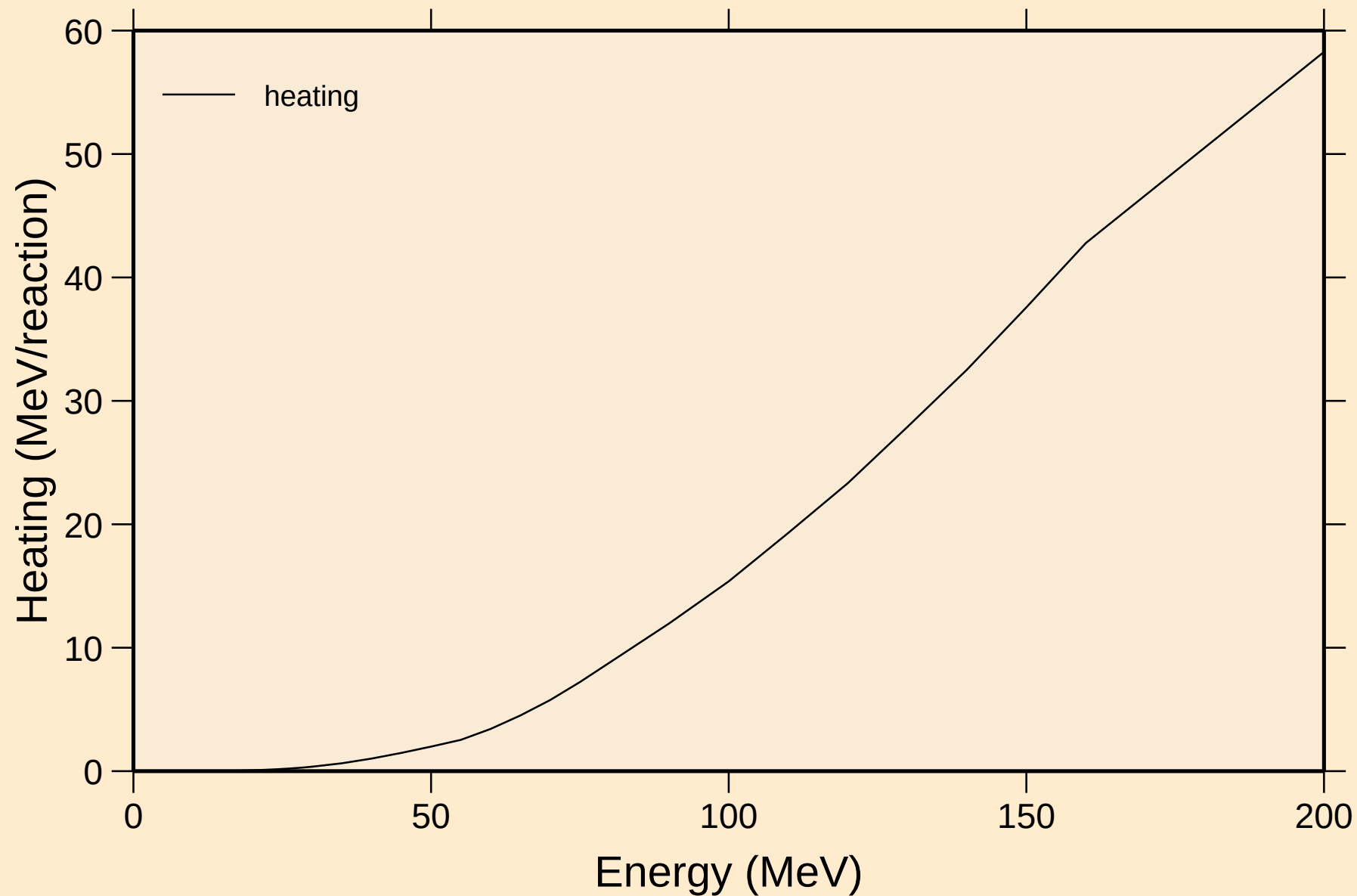
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## Principal cross sections



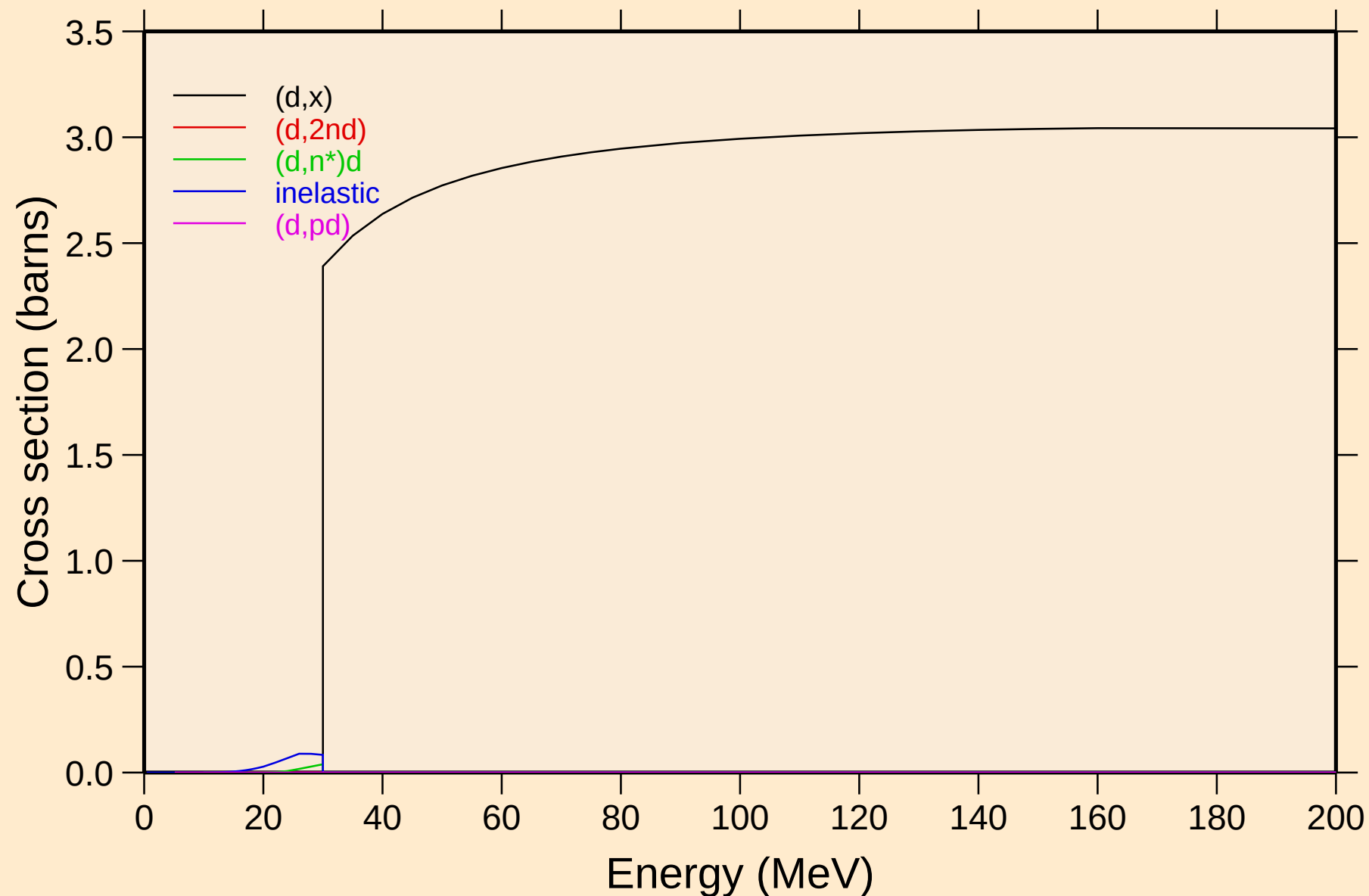
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Heating



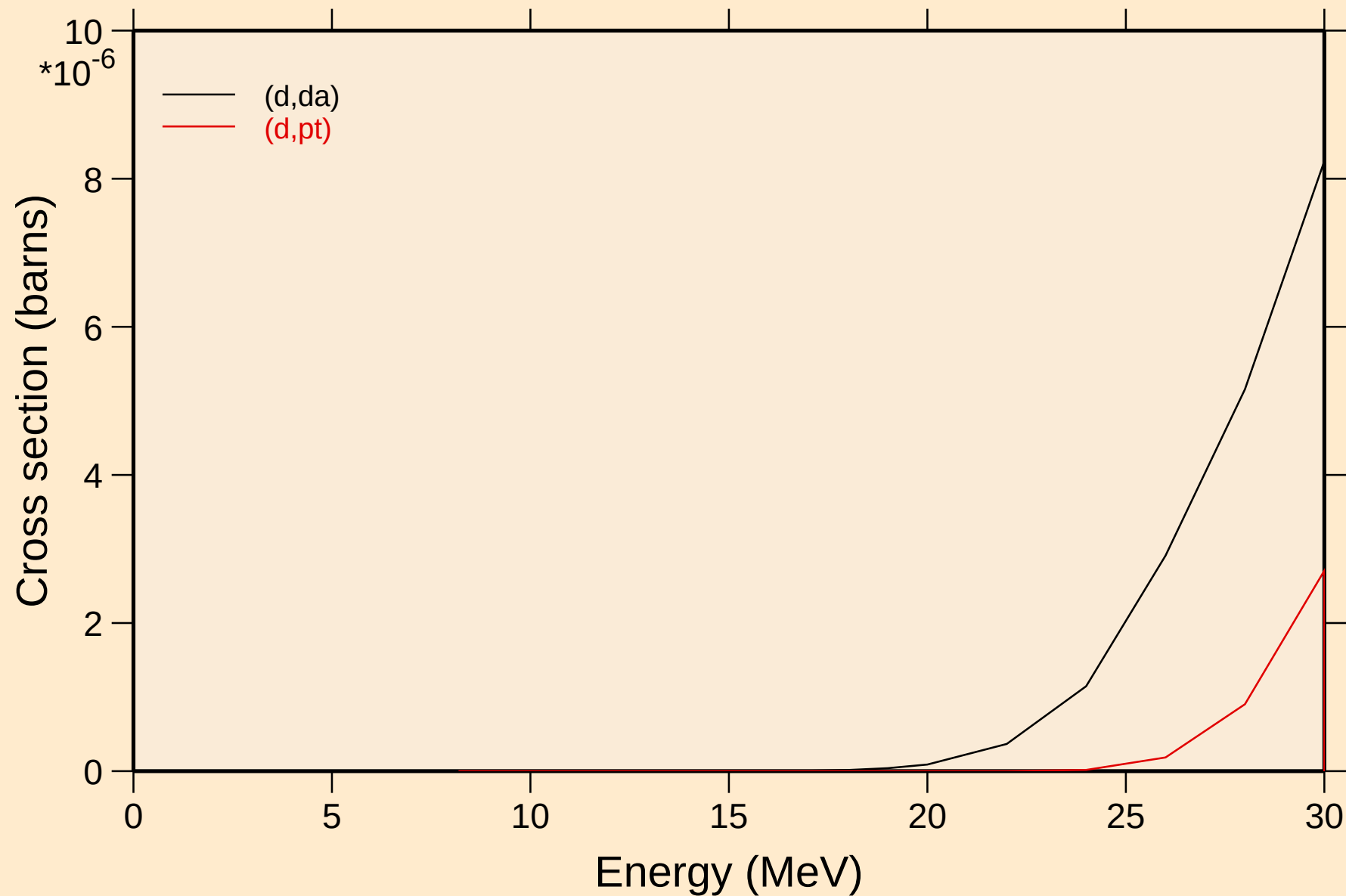
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Threshold reactions

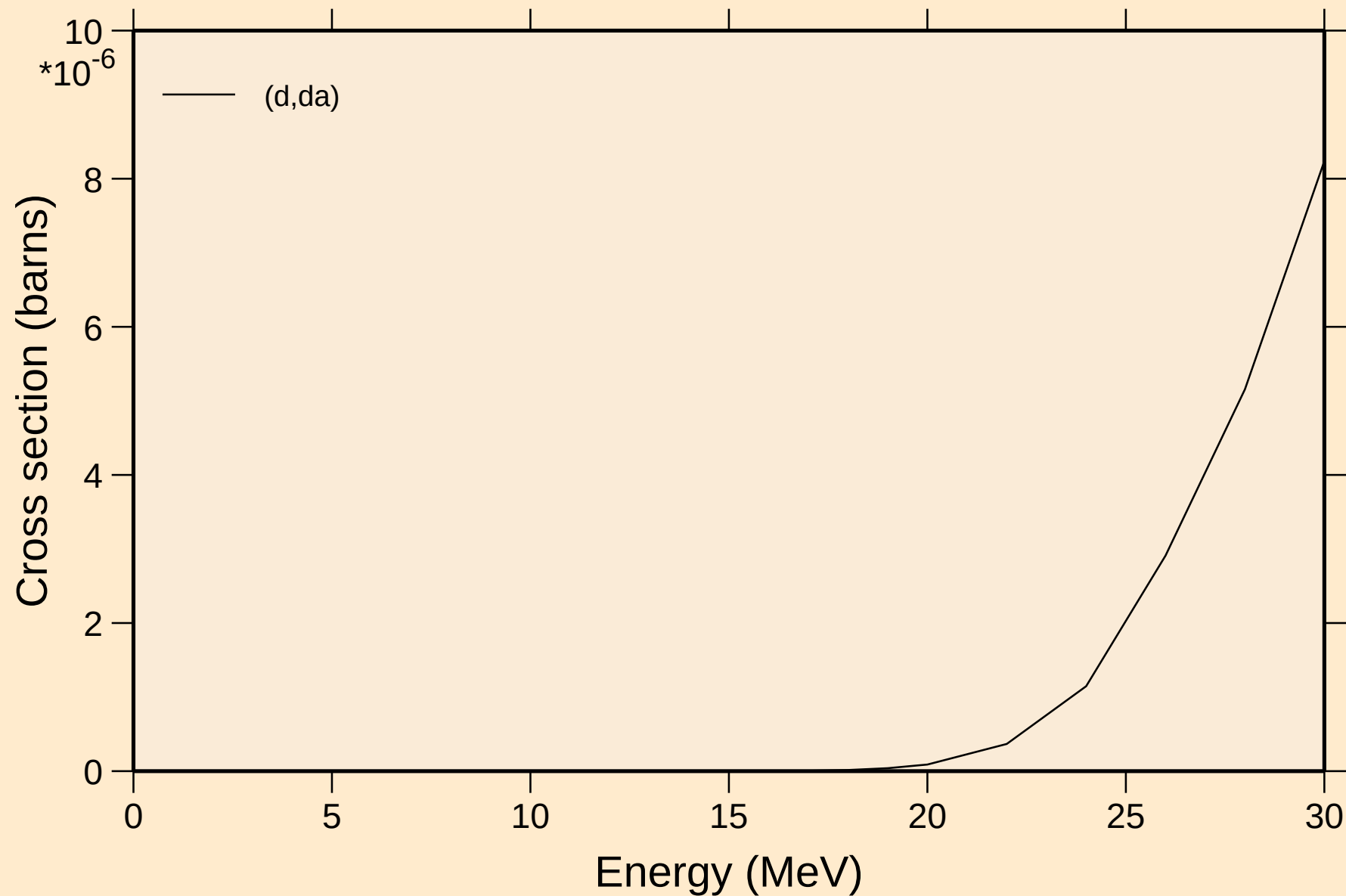


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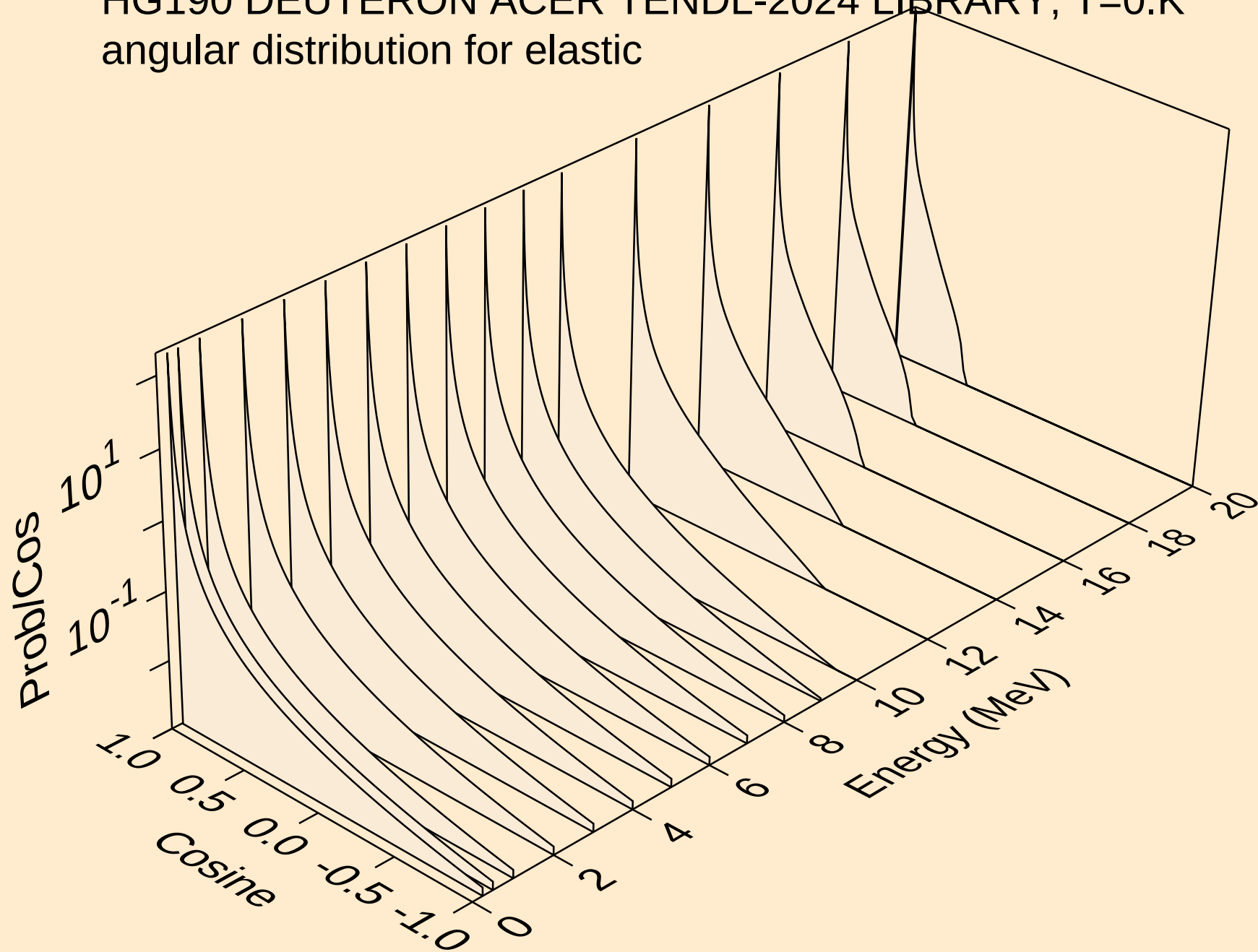
## Threshold reactions



HG190 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

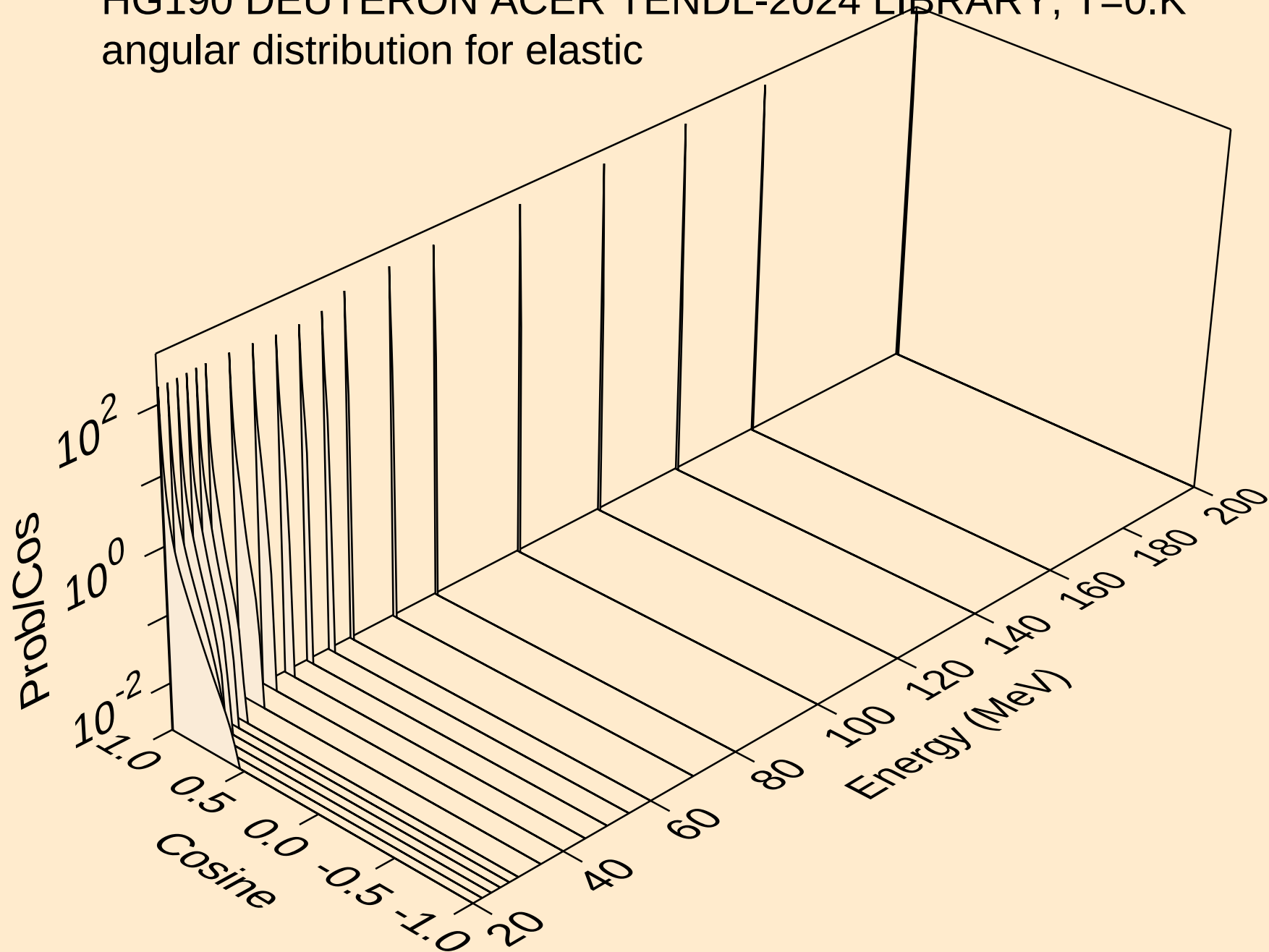


HG190 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

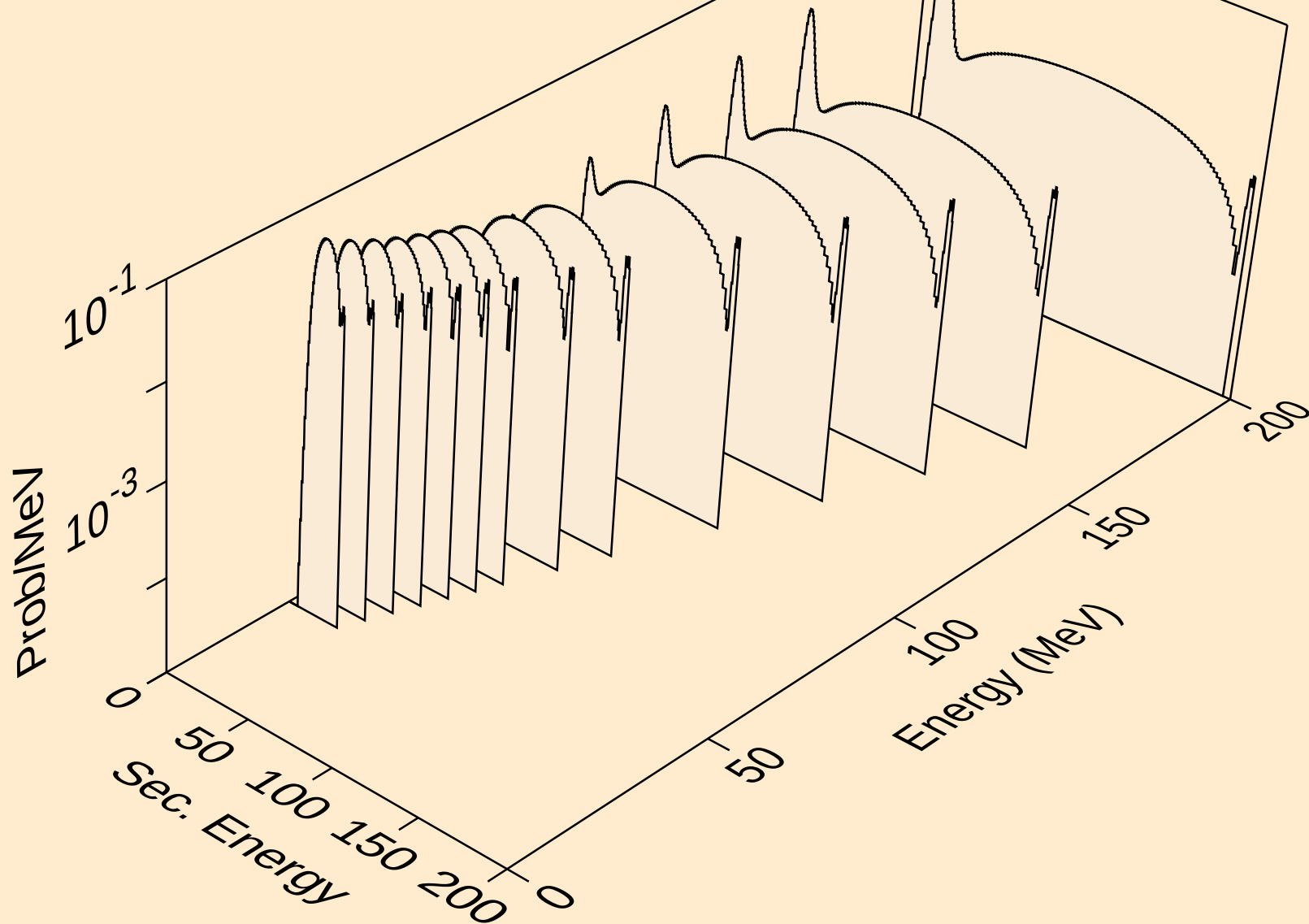




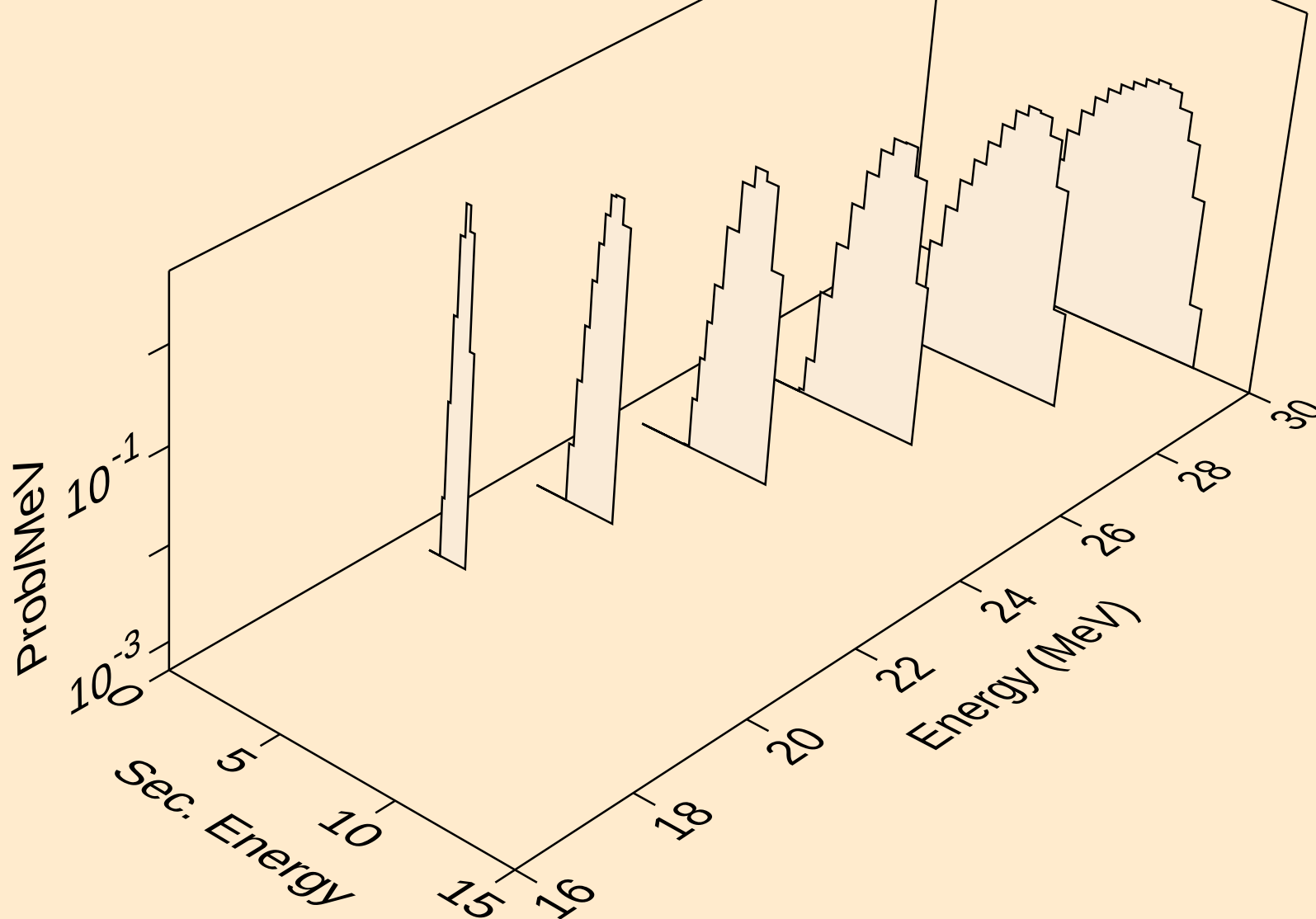
HG190 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



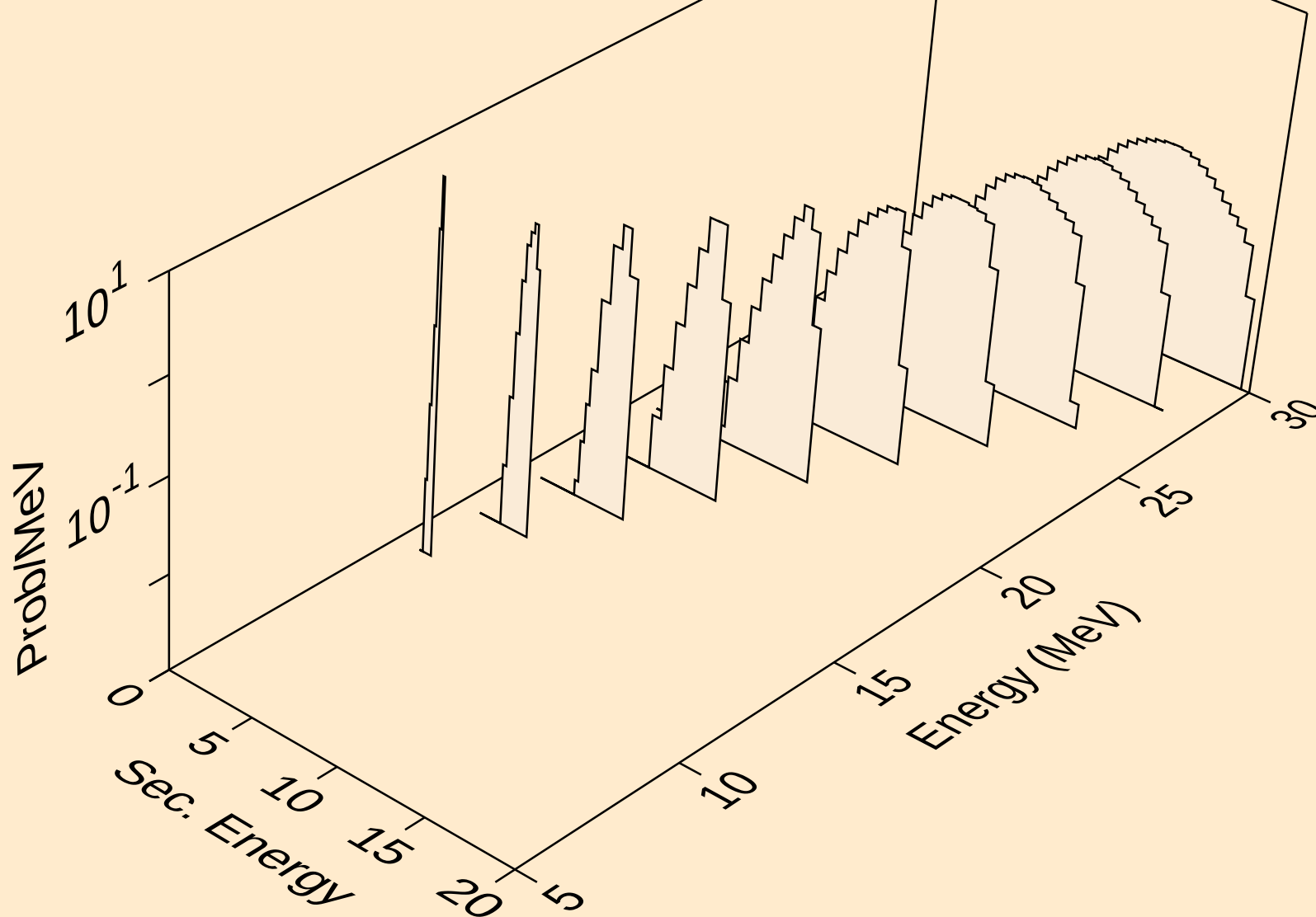
HG190 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
Deuteron emission for (d,x)



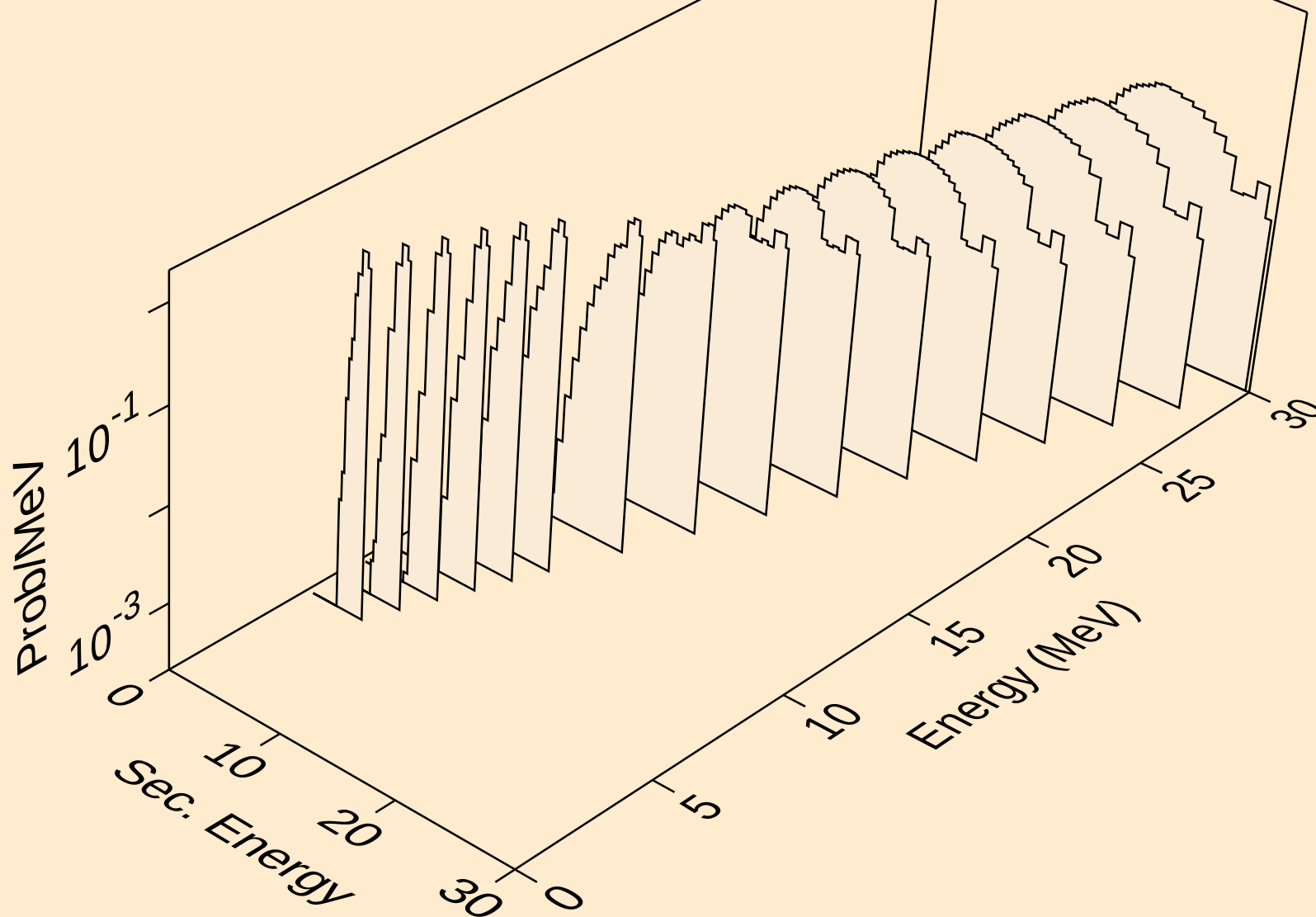
HG190 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
Deuteron emission for (d,2nd)



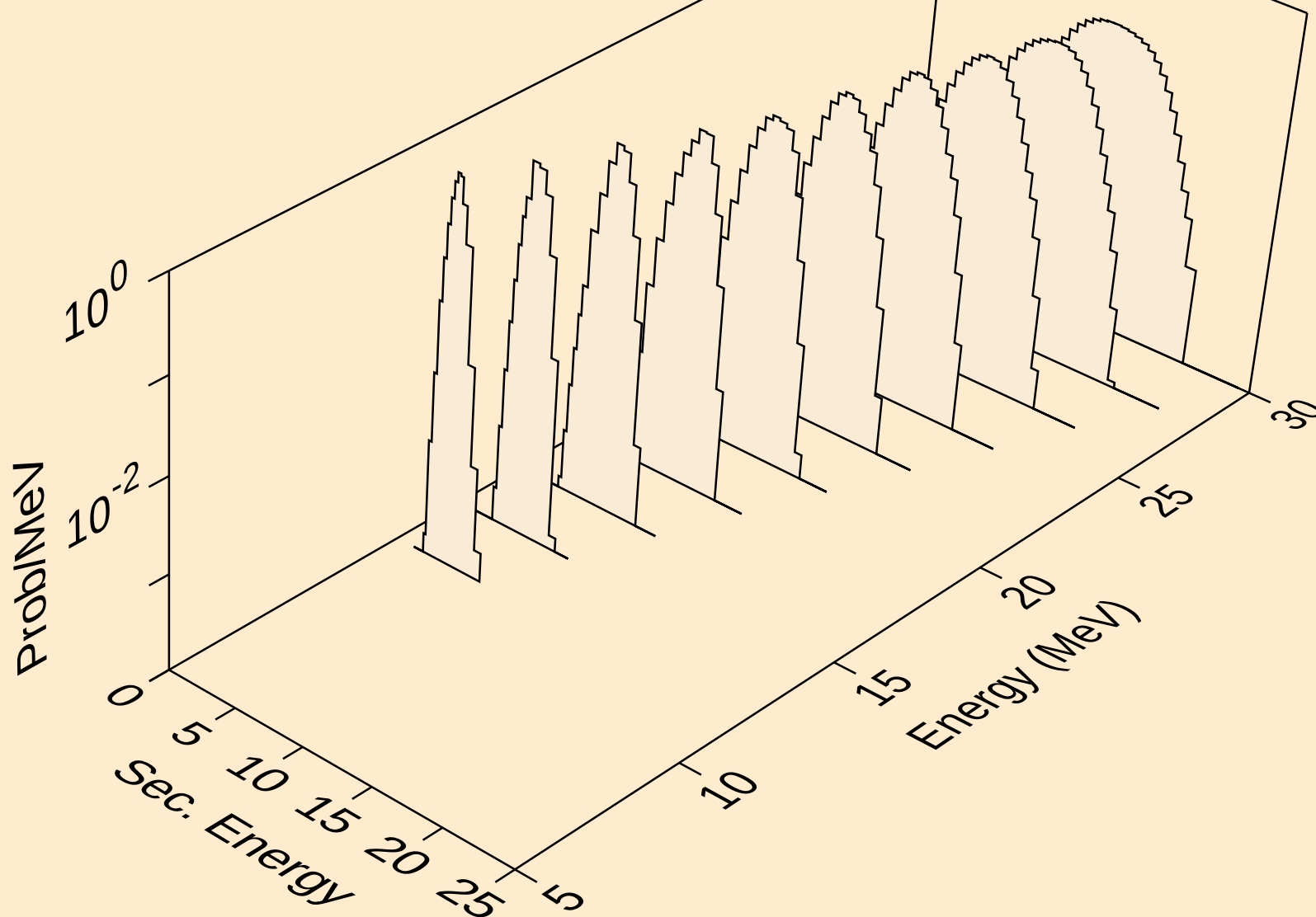
HG190 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
Deuteron emission for (d,n\*)d



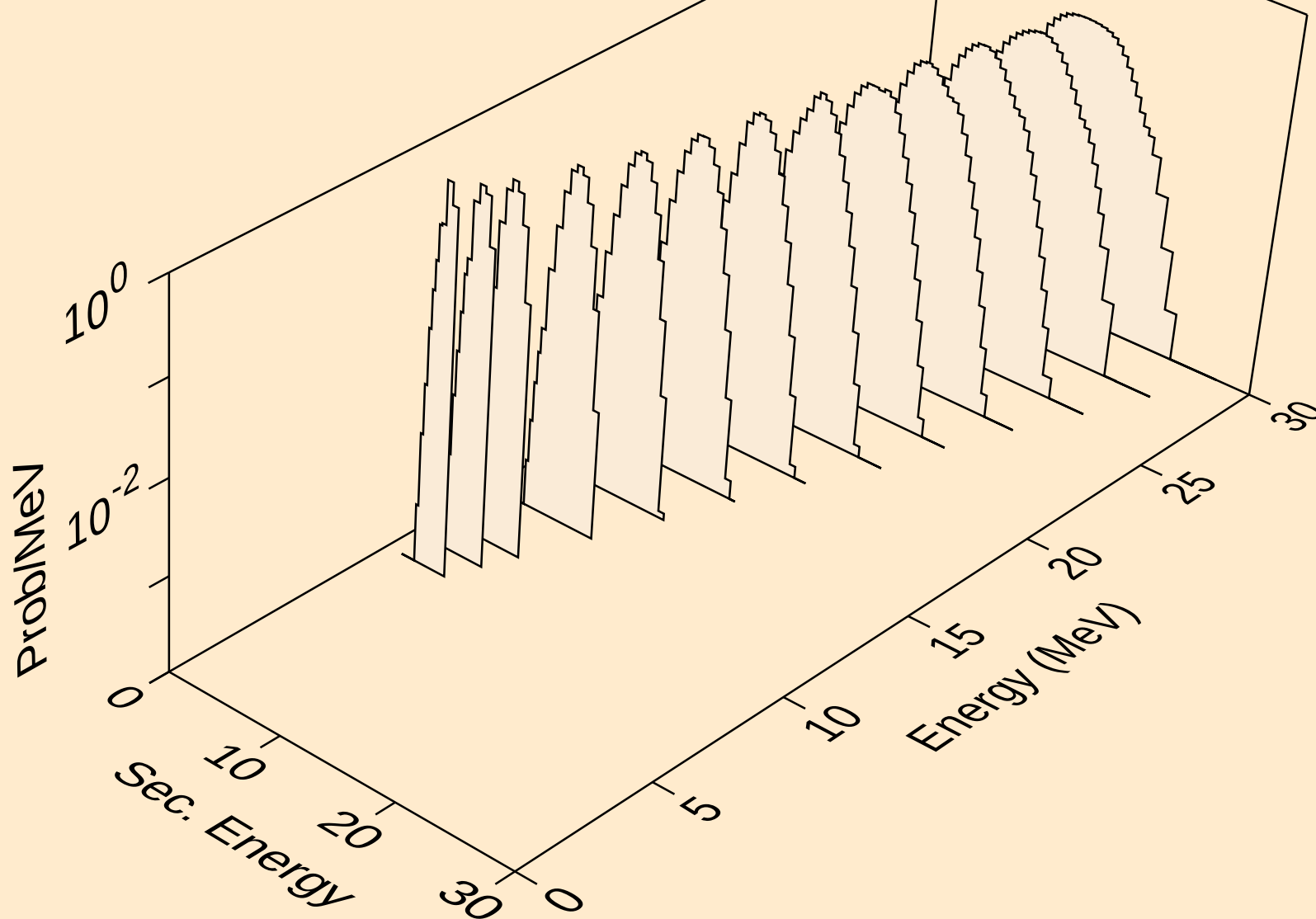
HG190 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
Deuteron emission for inelastic



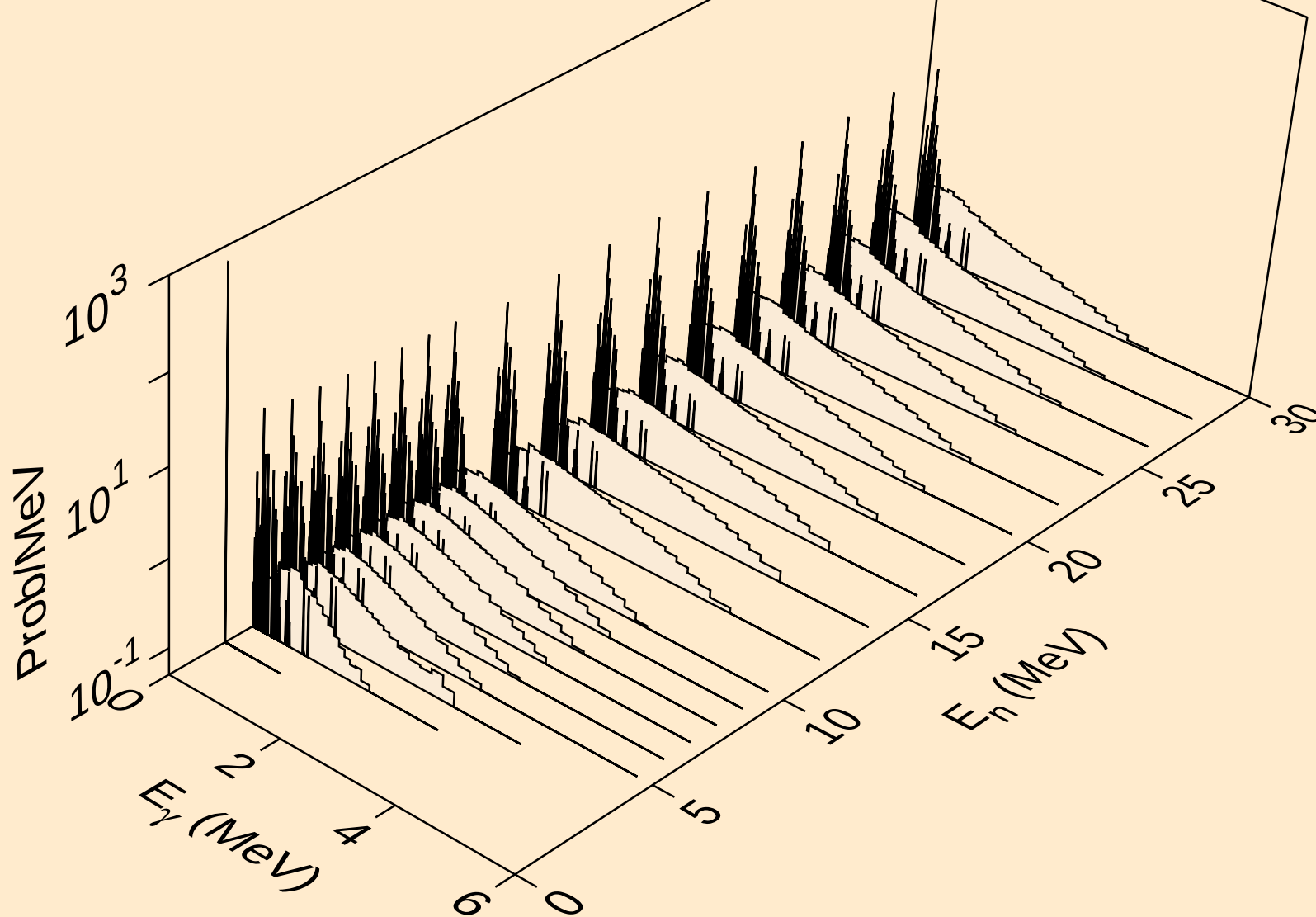
HG190 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
Deuteron emission for (d,pd)



HG190 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
Deuteron emission for (d,da)

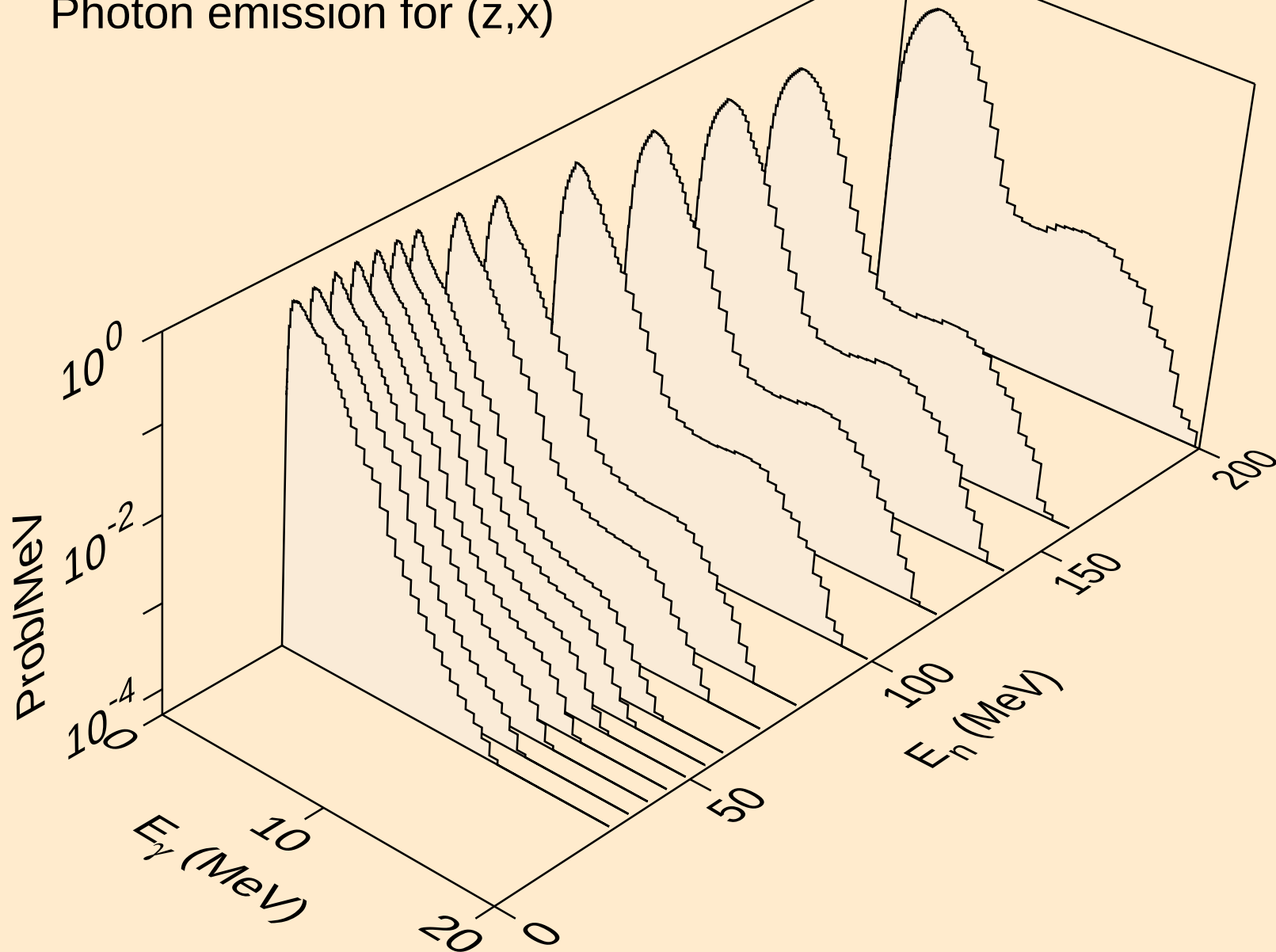


HG190 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,n)

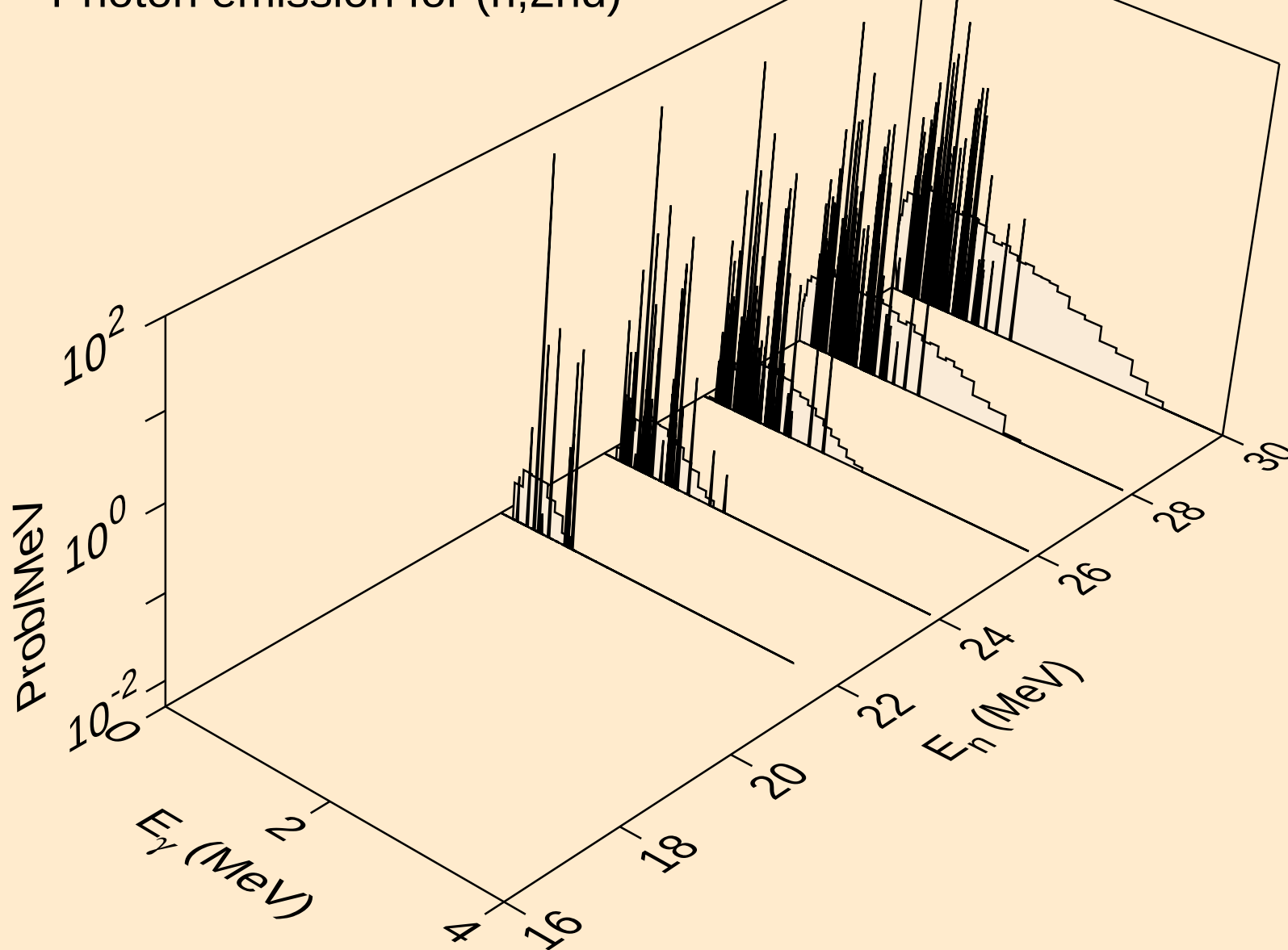




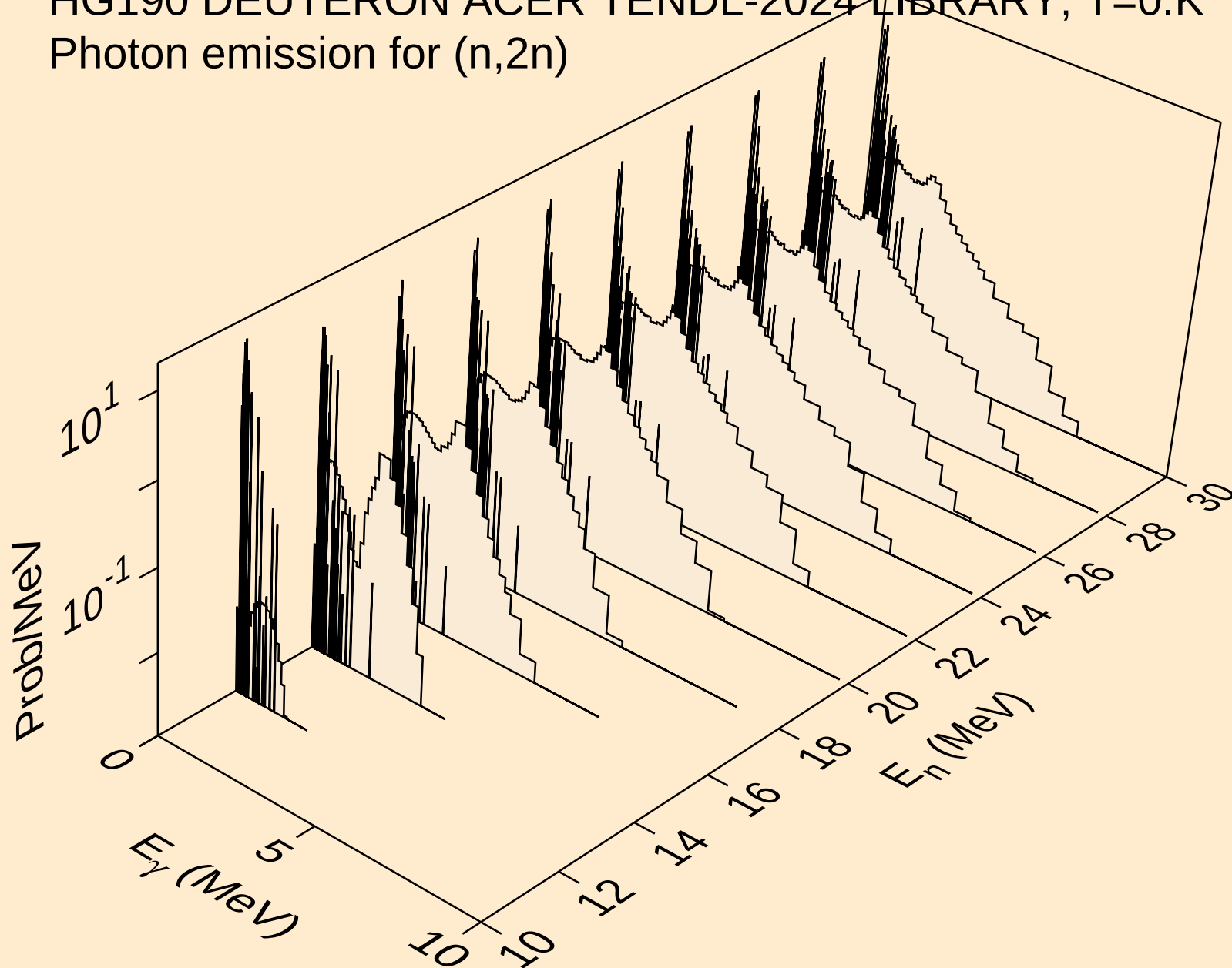
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Photon emission for (z,x)



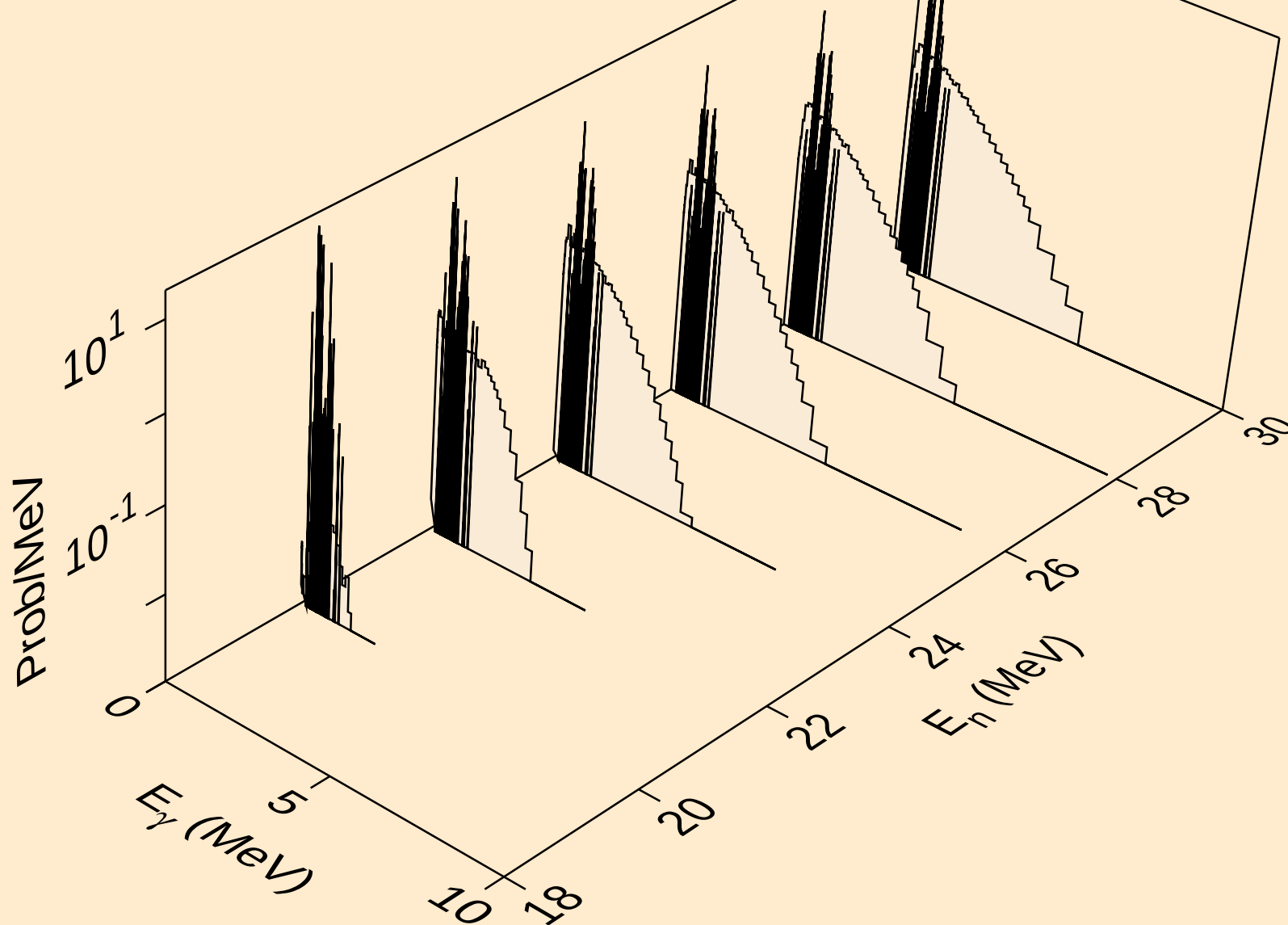
HG190 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



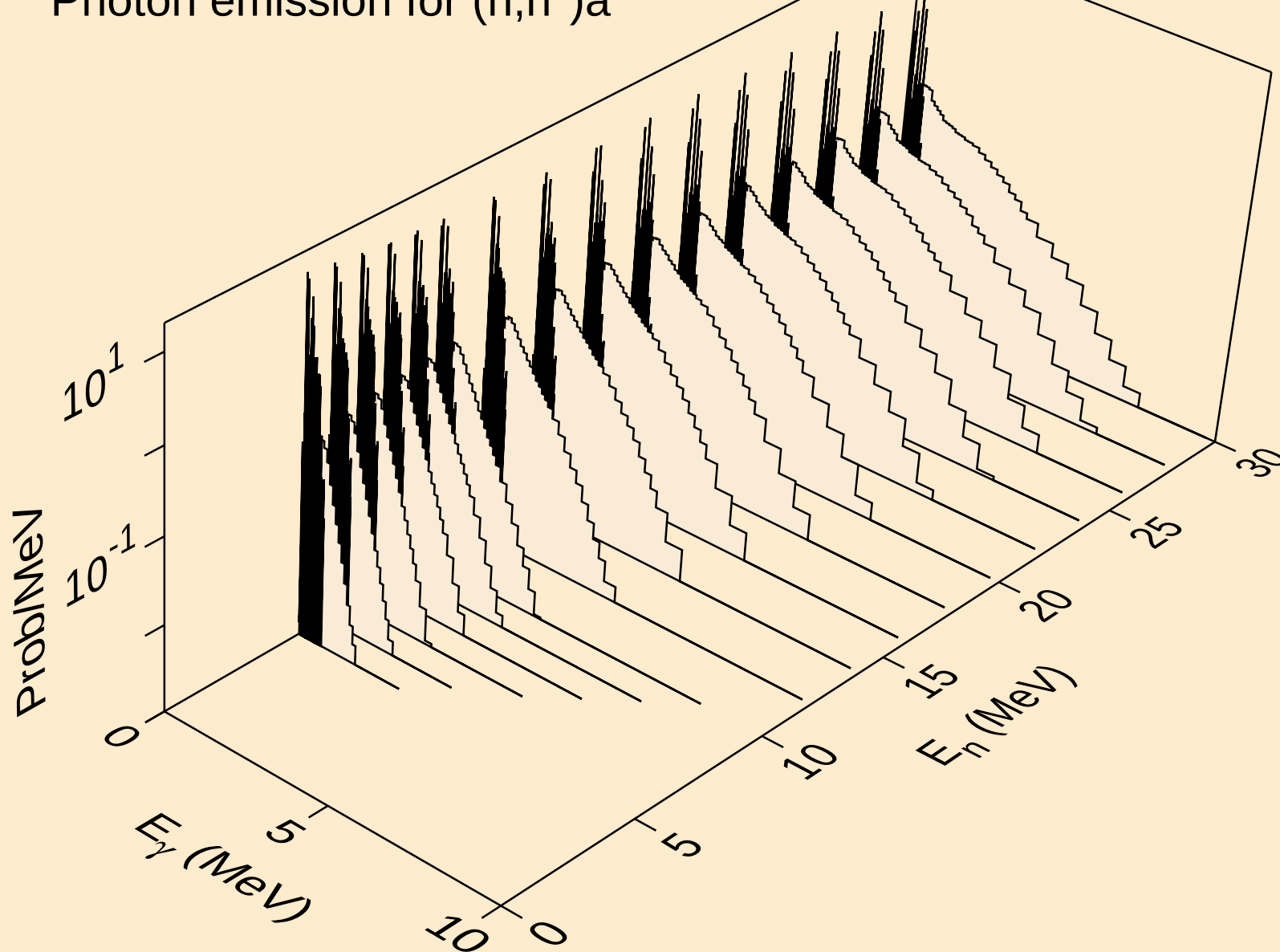
HG190 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



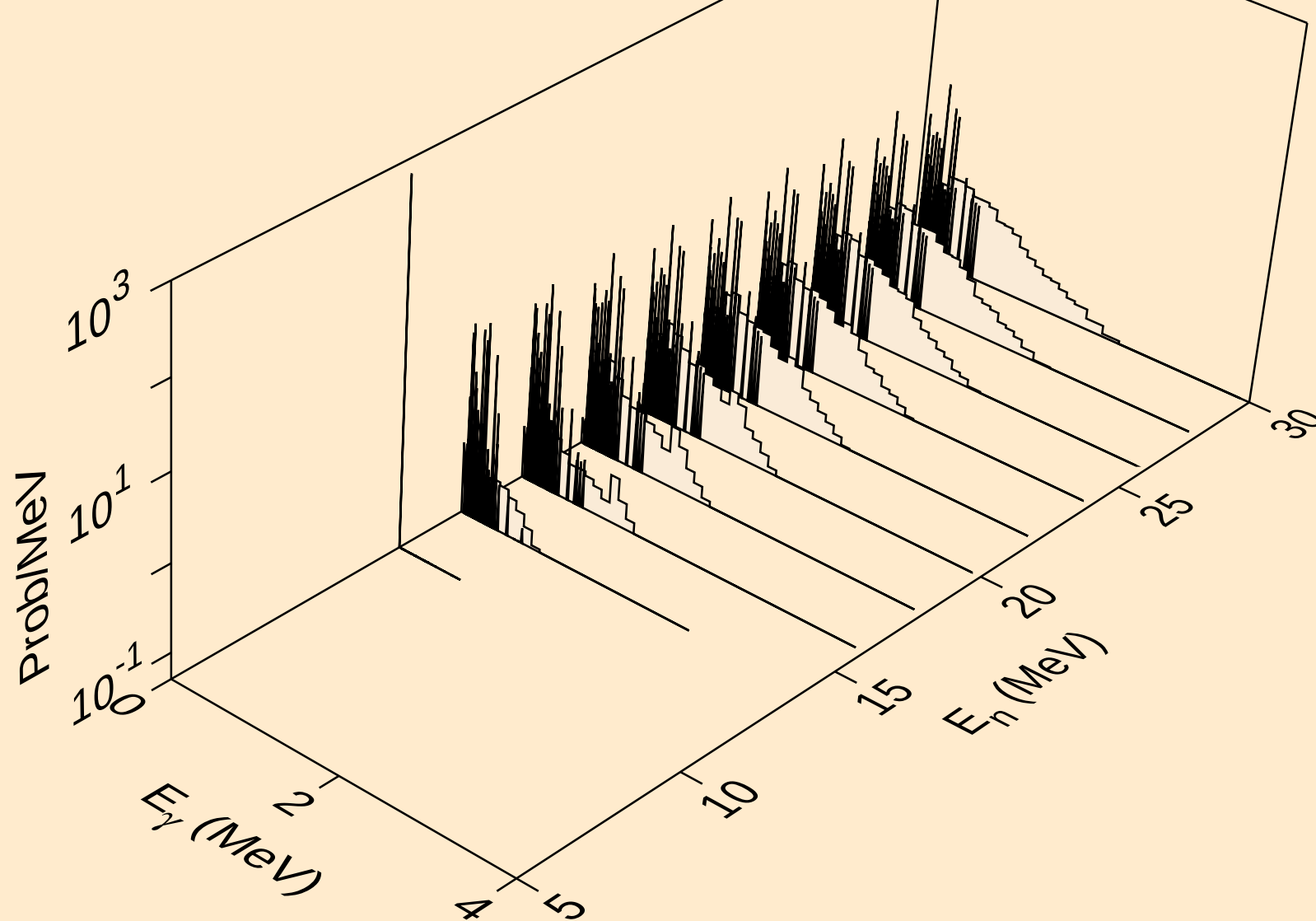
HG190 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



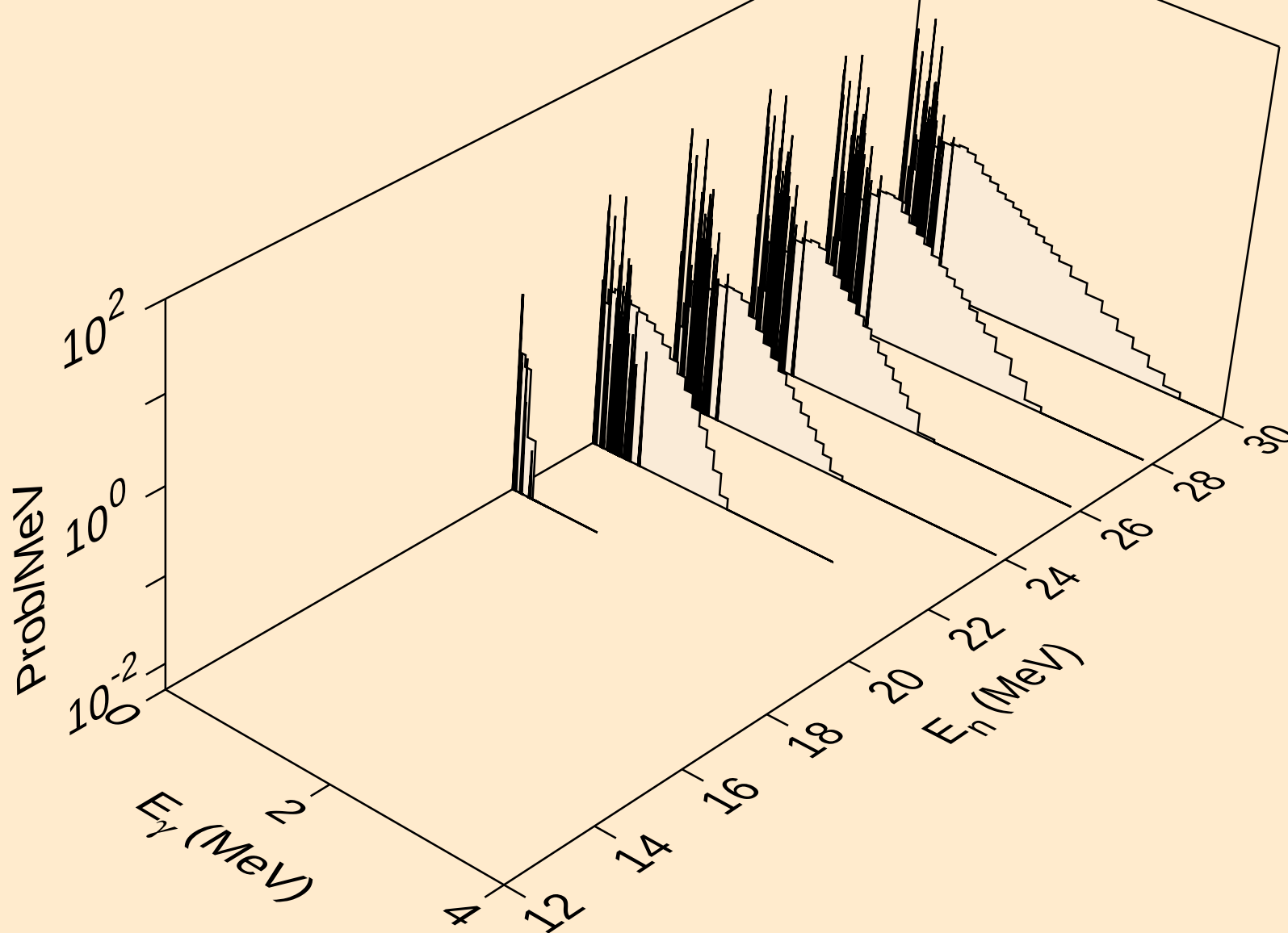
HG190 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



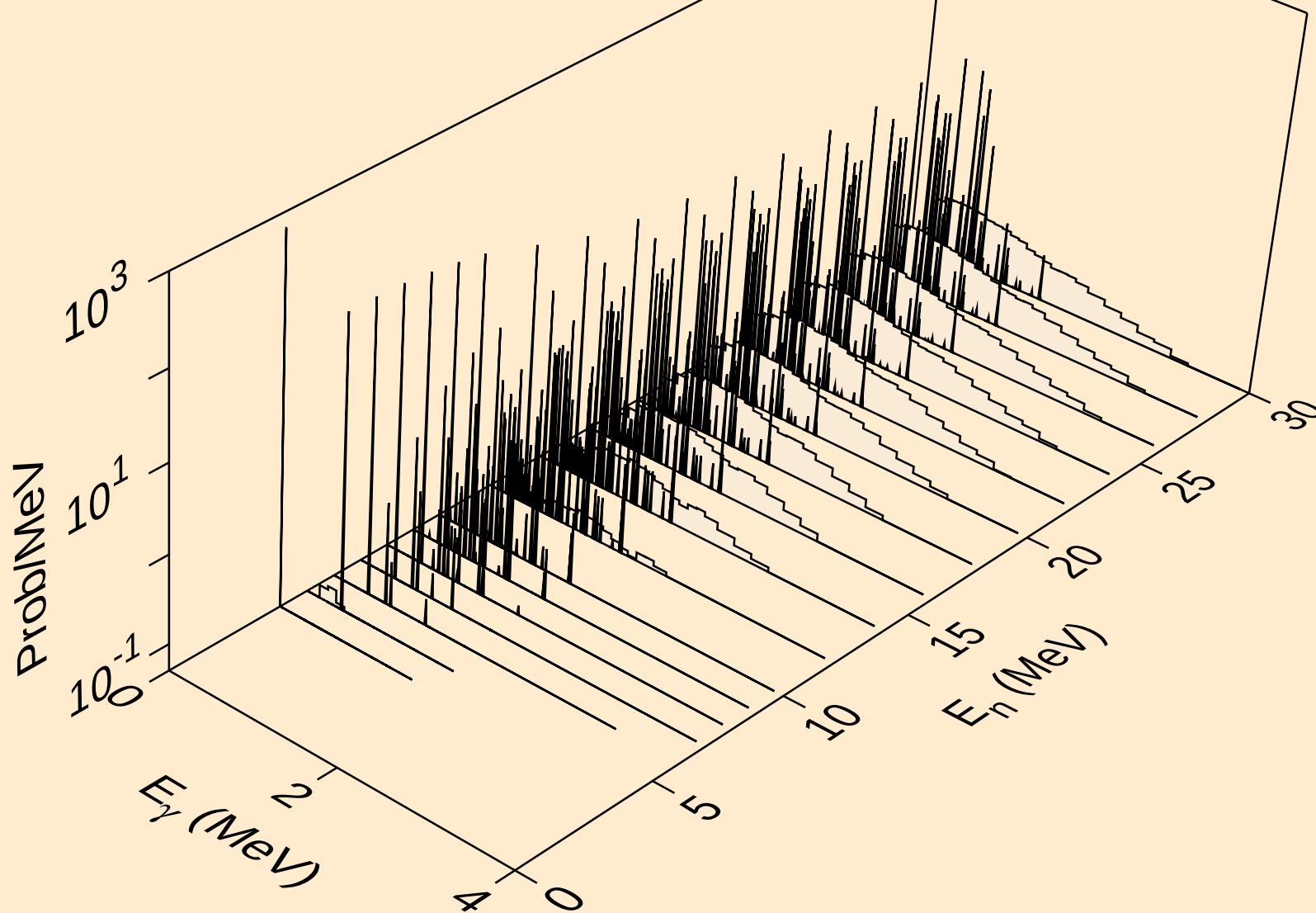
HG190 DEUTERON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for  $(n,2n)\alpha$



HG190 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a

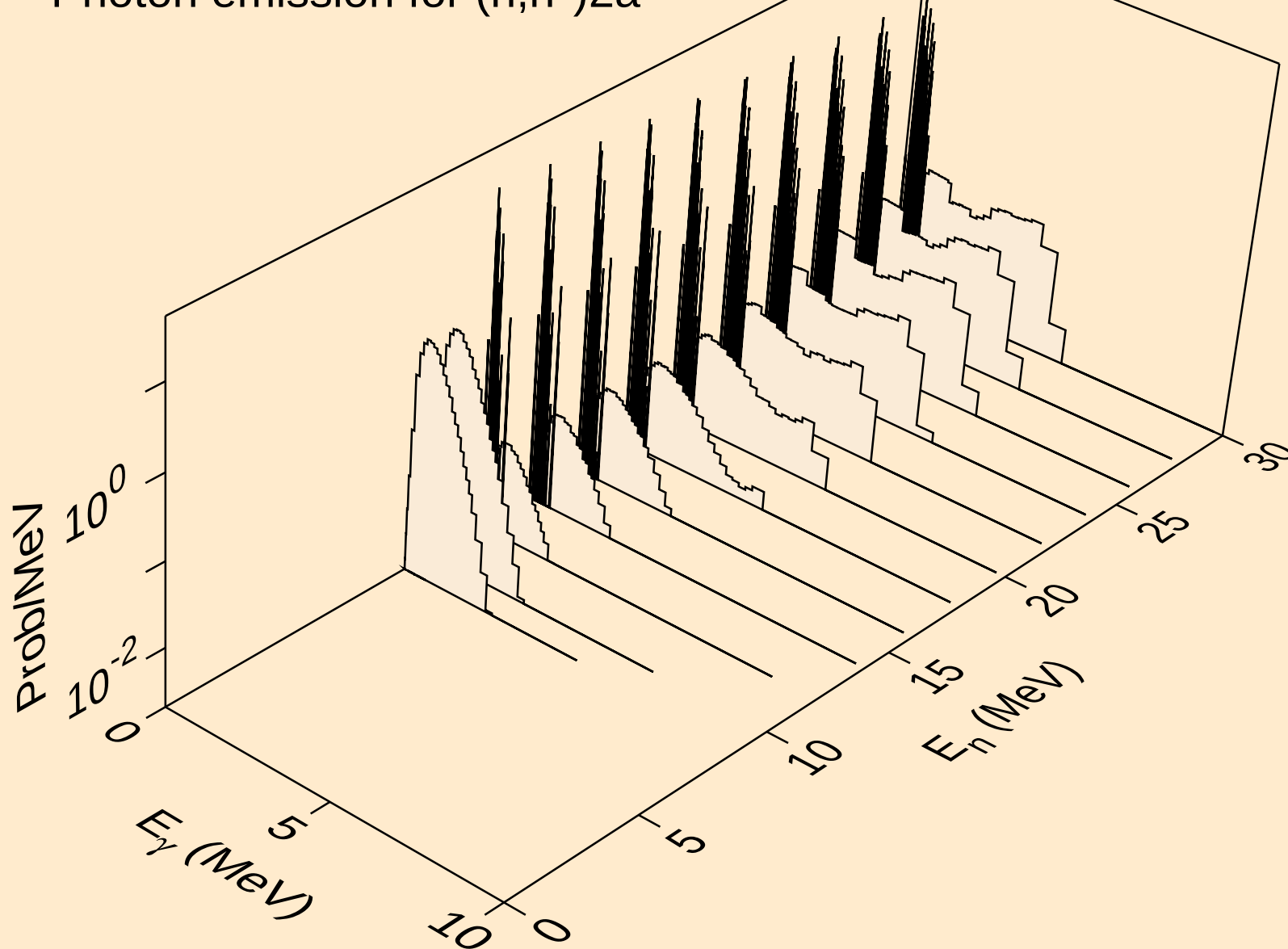


HG190 DEUTERON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for  $(n,n^*)p$

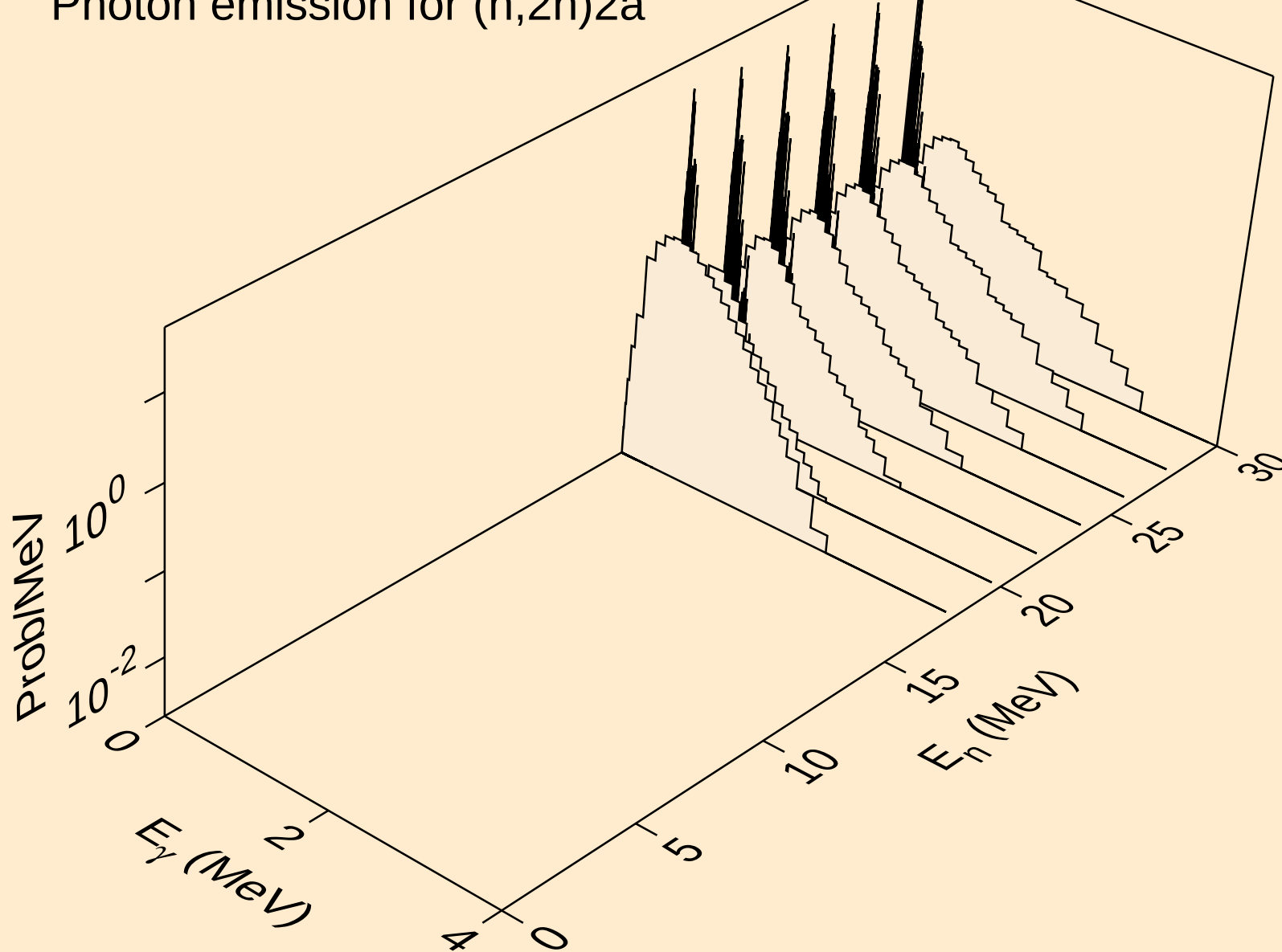




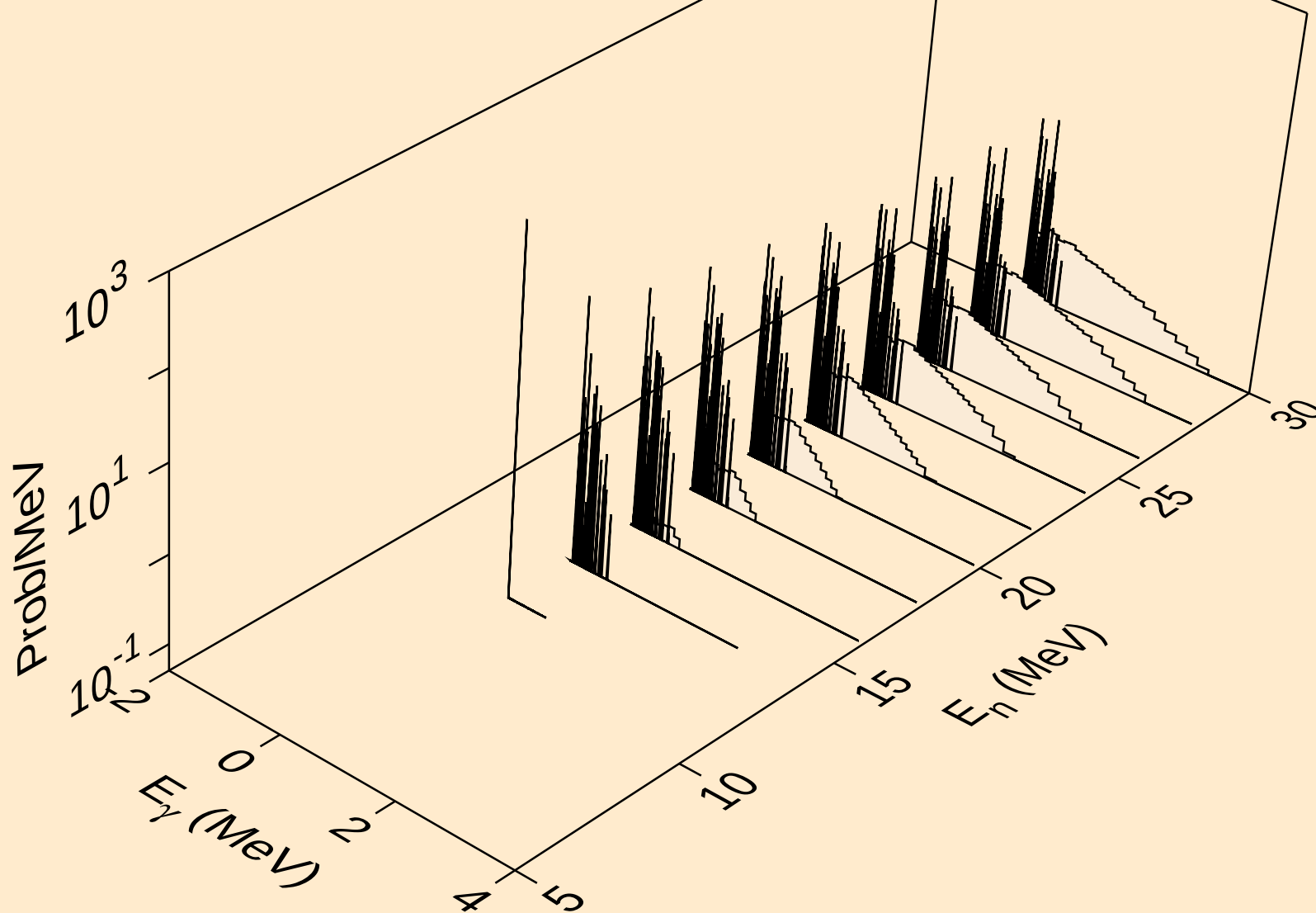
HG190 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



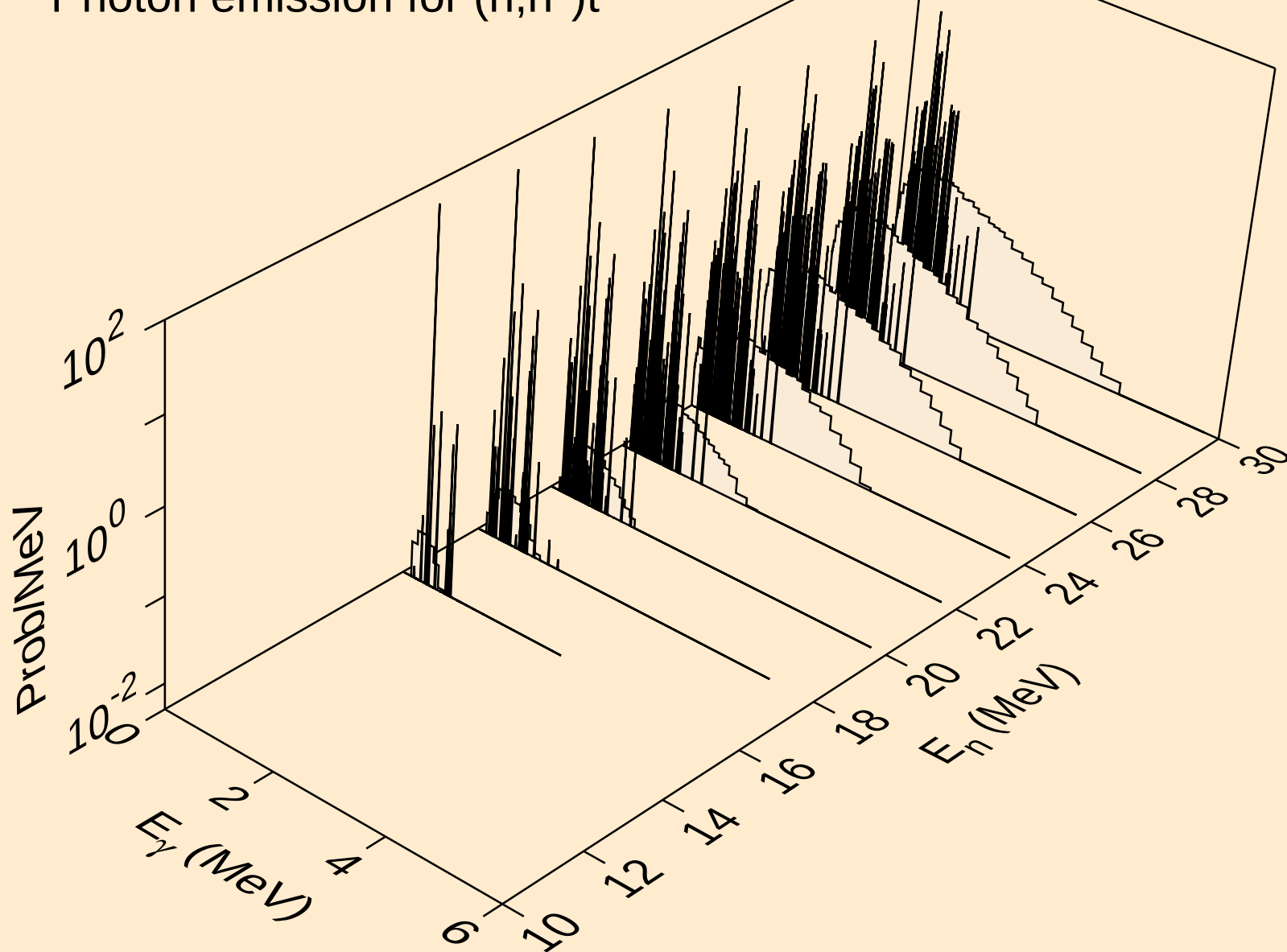
HG190 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)2a



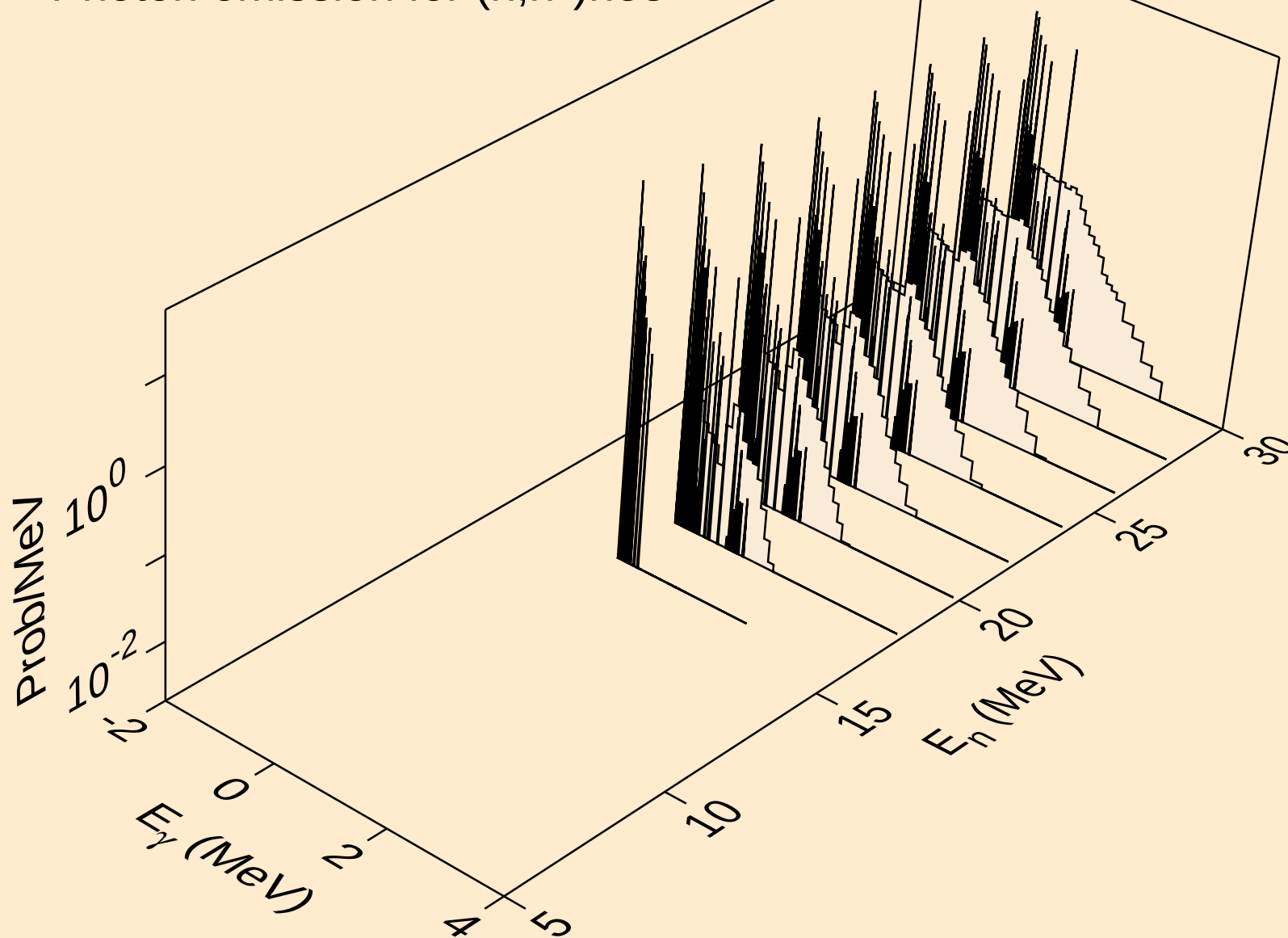
HG190 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



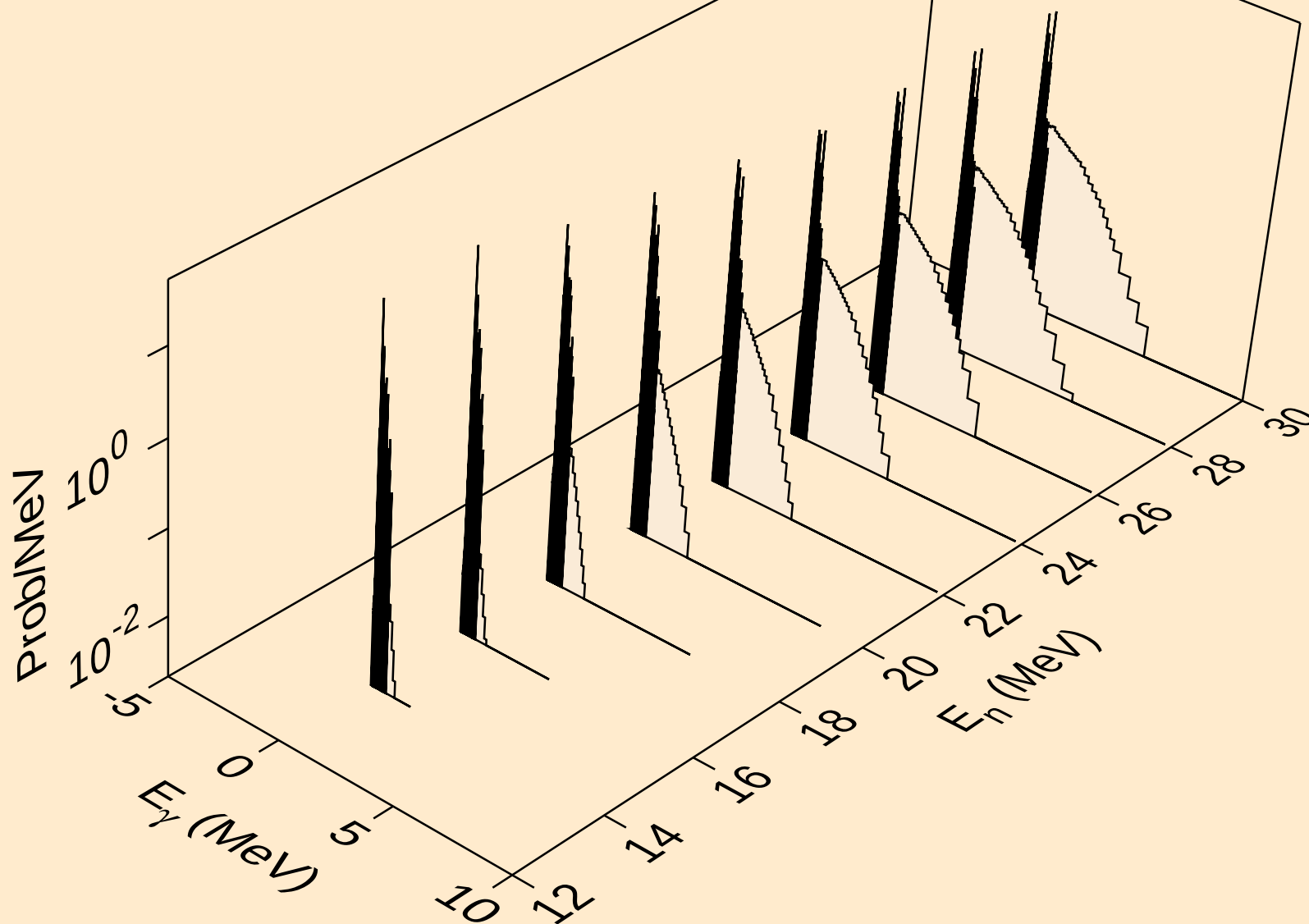
HG190 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



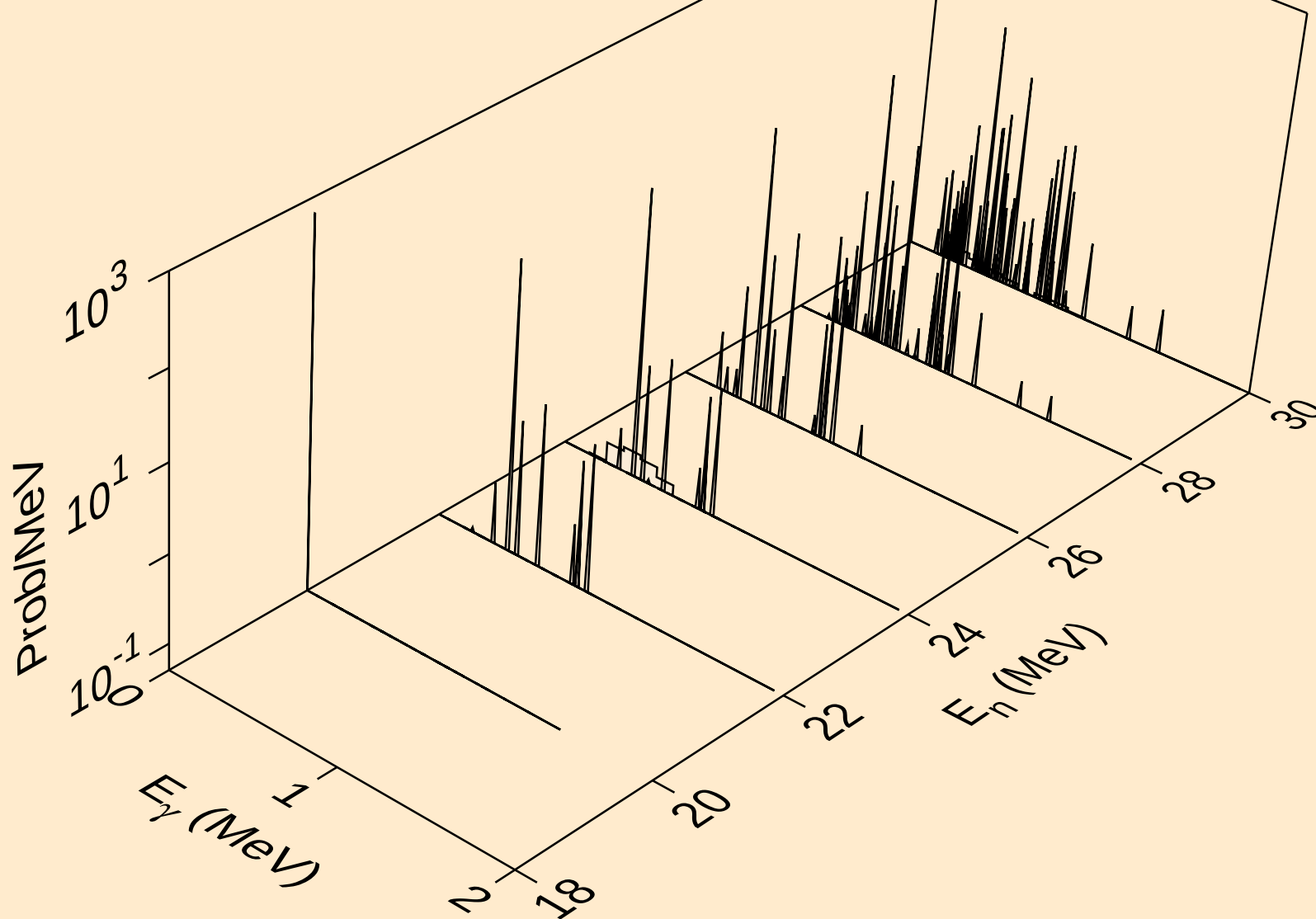
HG190 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



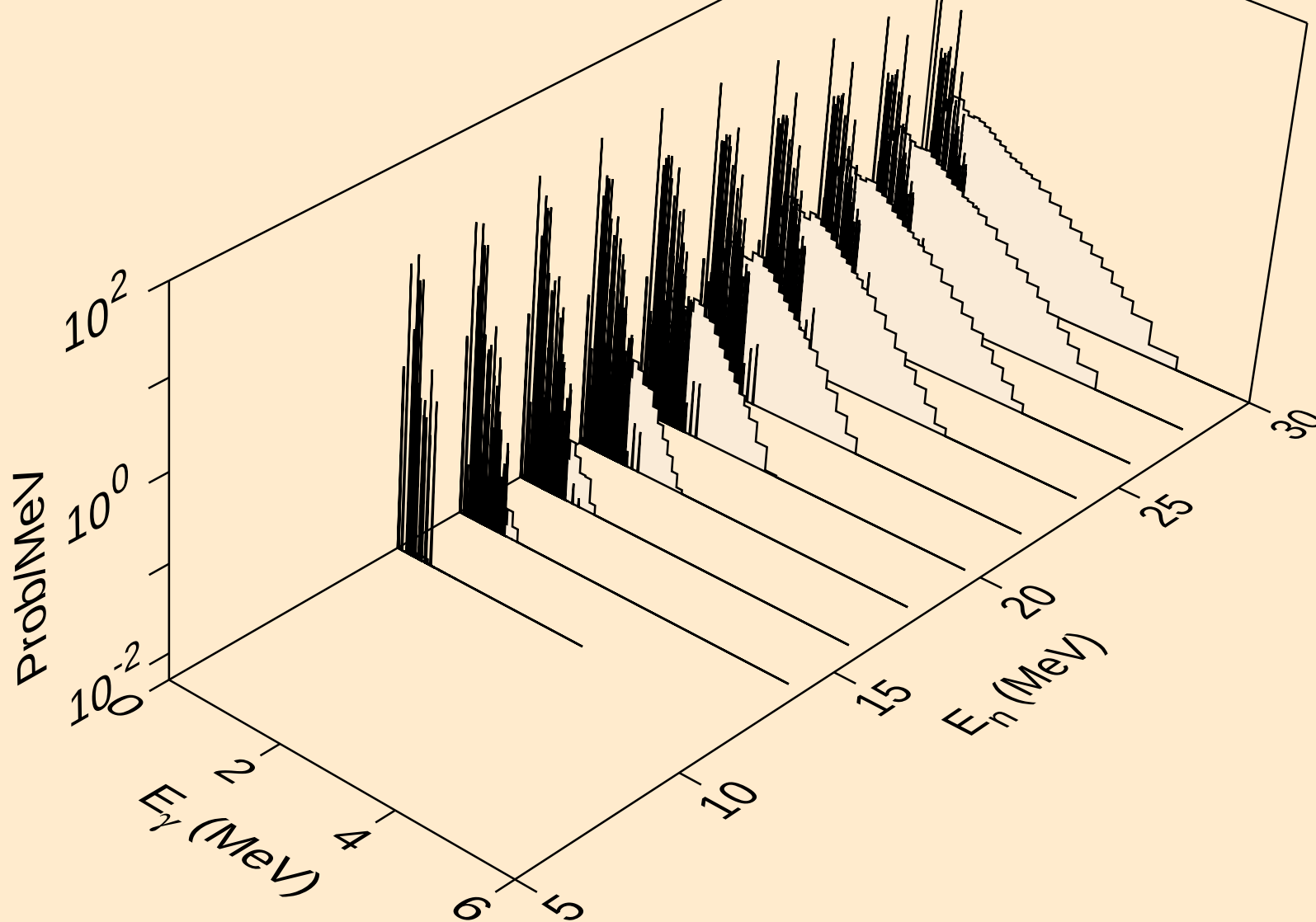
HG190 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



HG190 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)

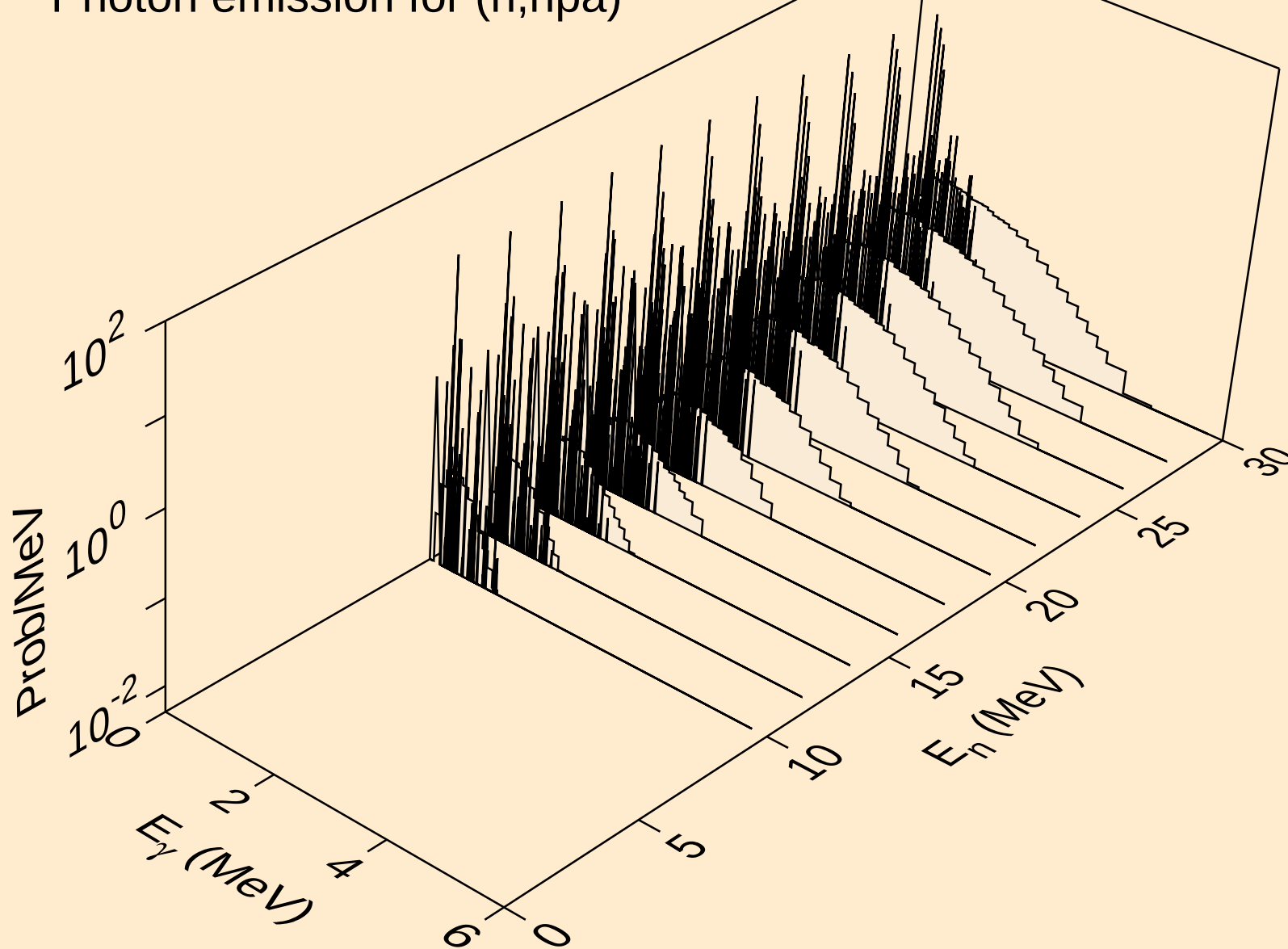


HG190 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)

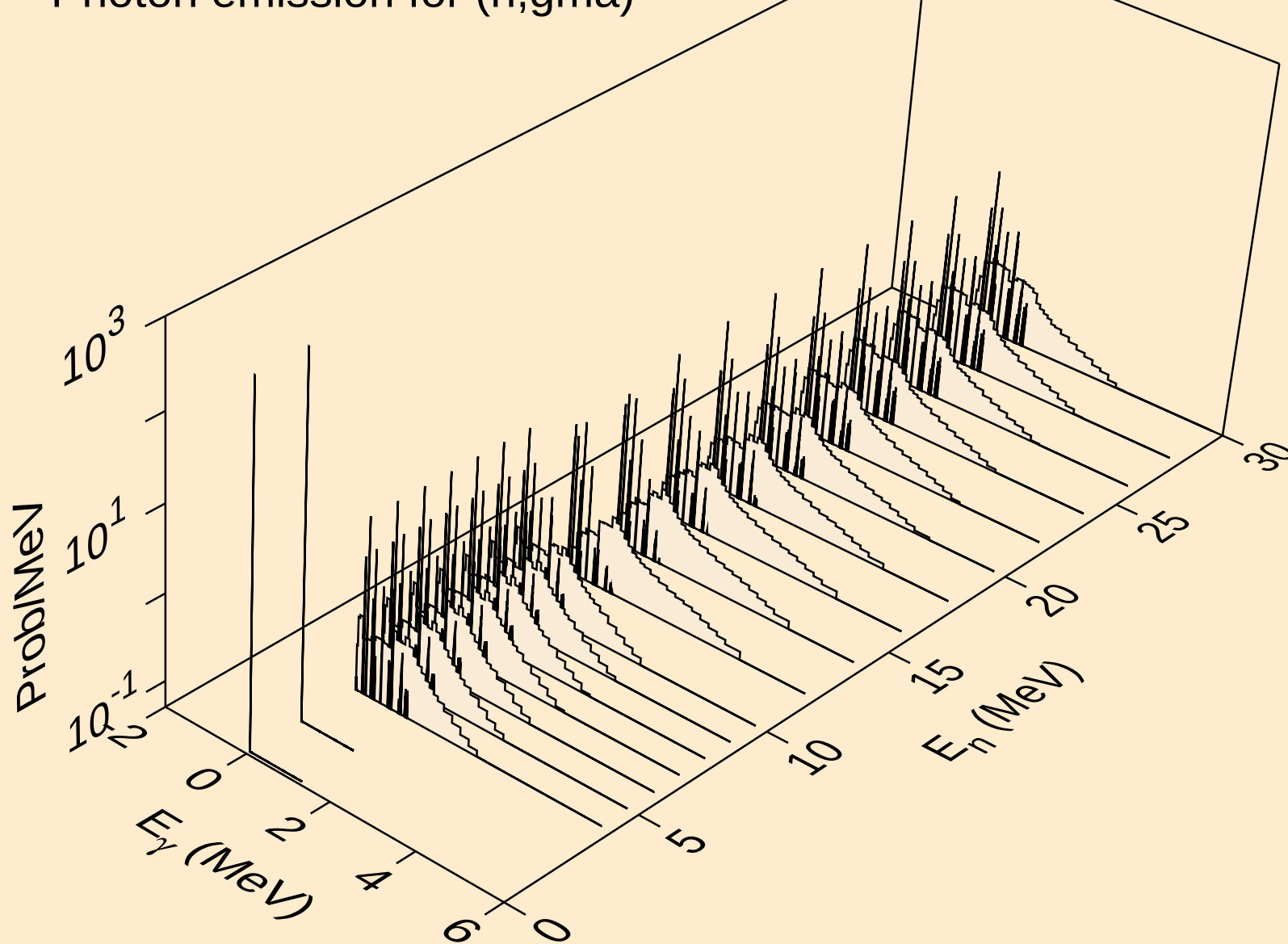




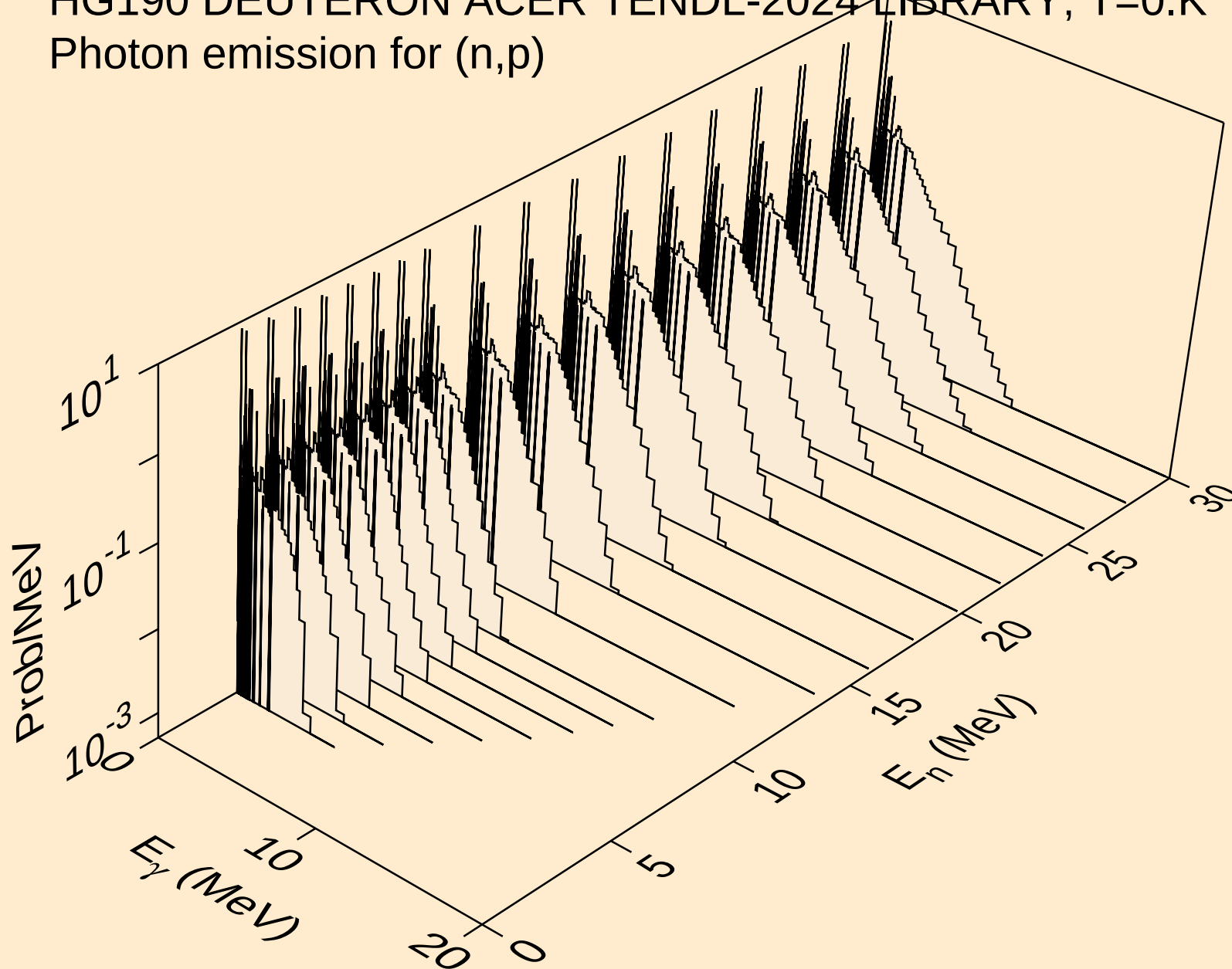
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Photon emission for (n,npa)



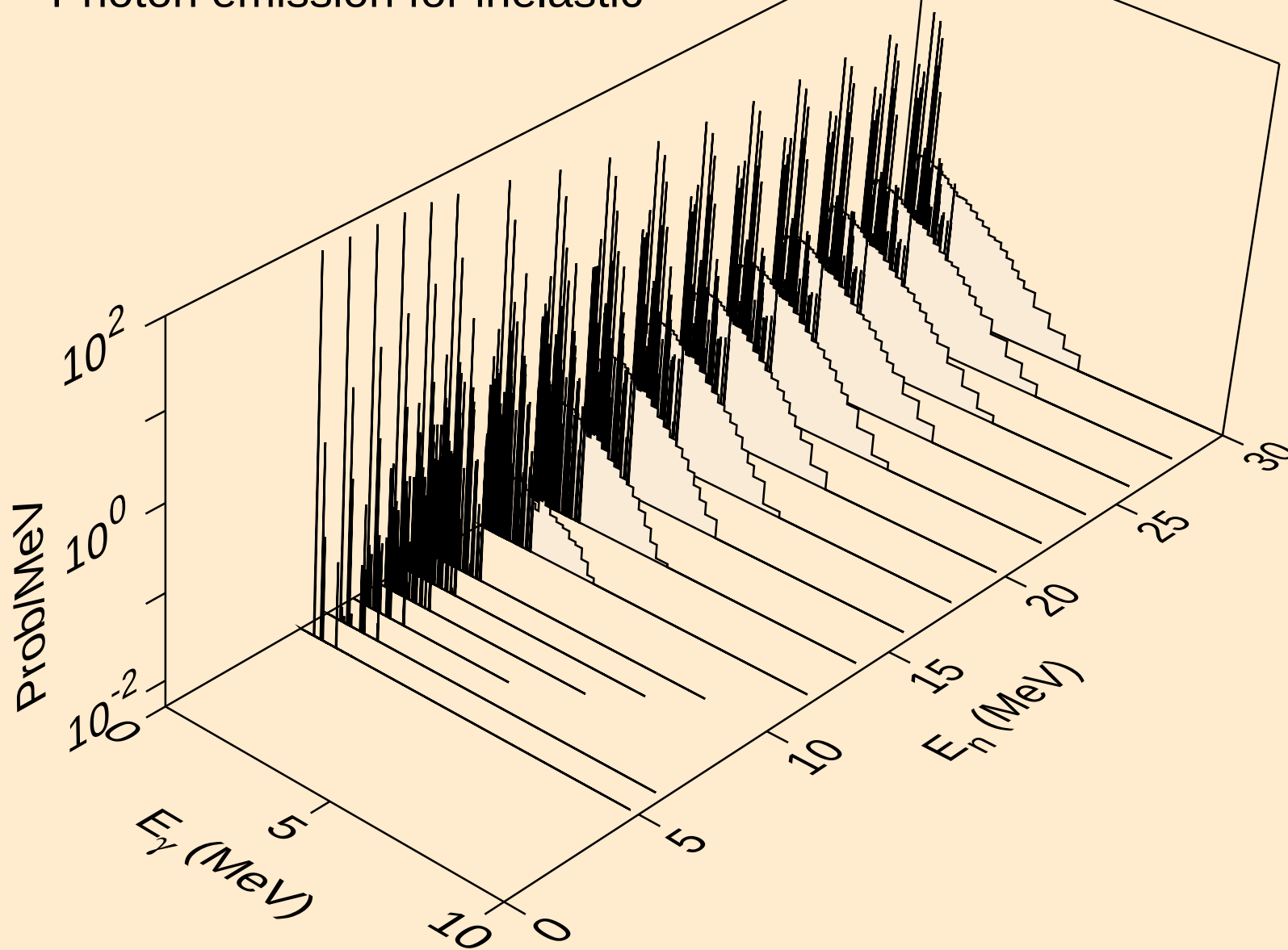
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Photon emission for (n,gma)



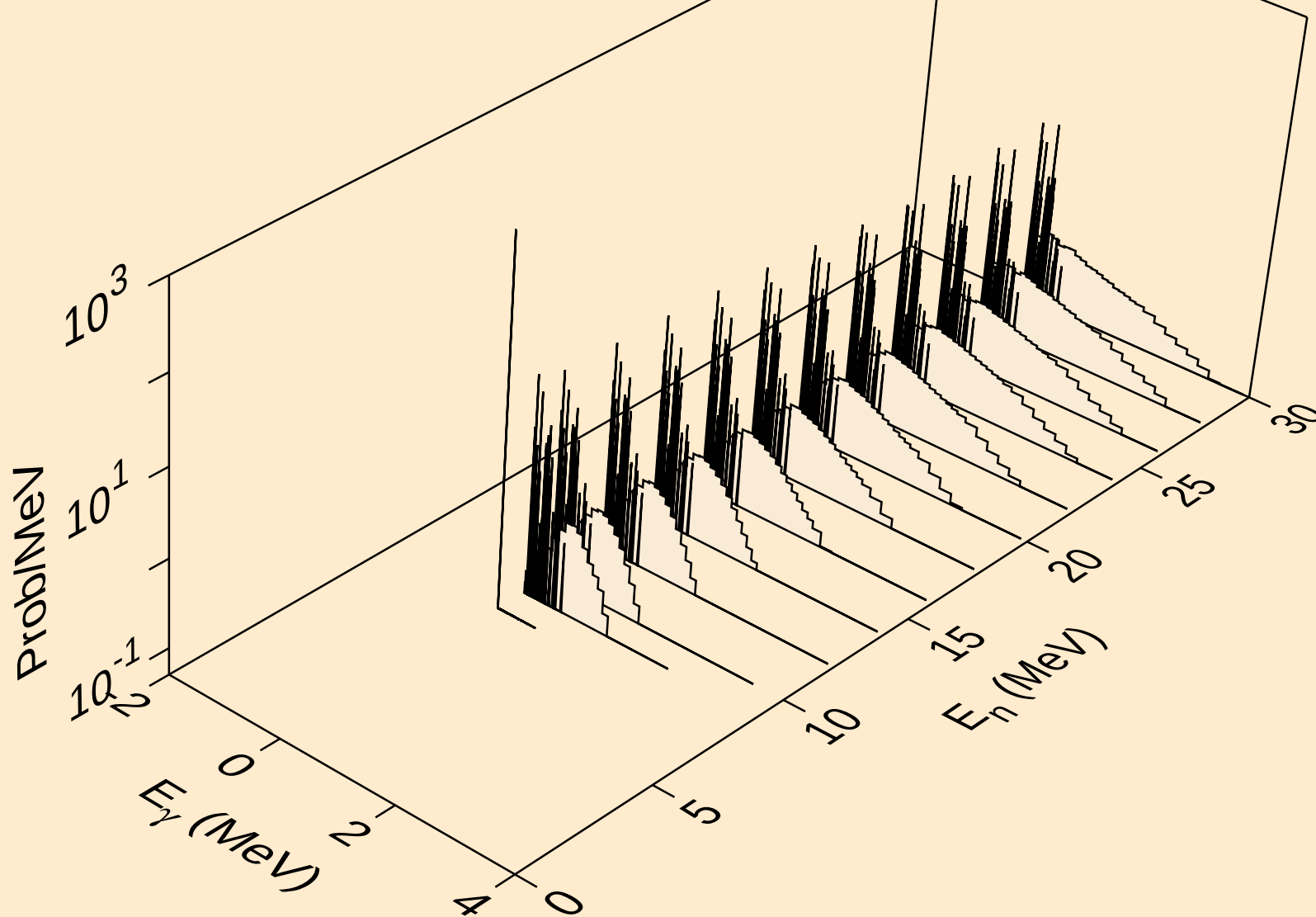
HG190 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



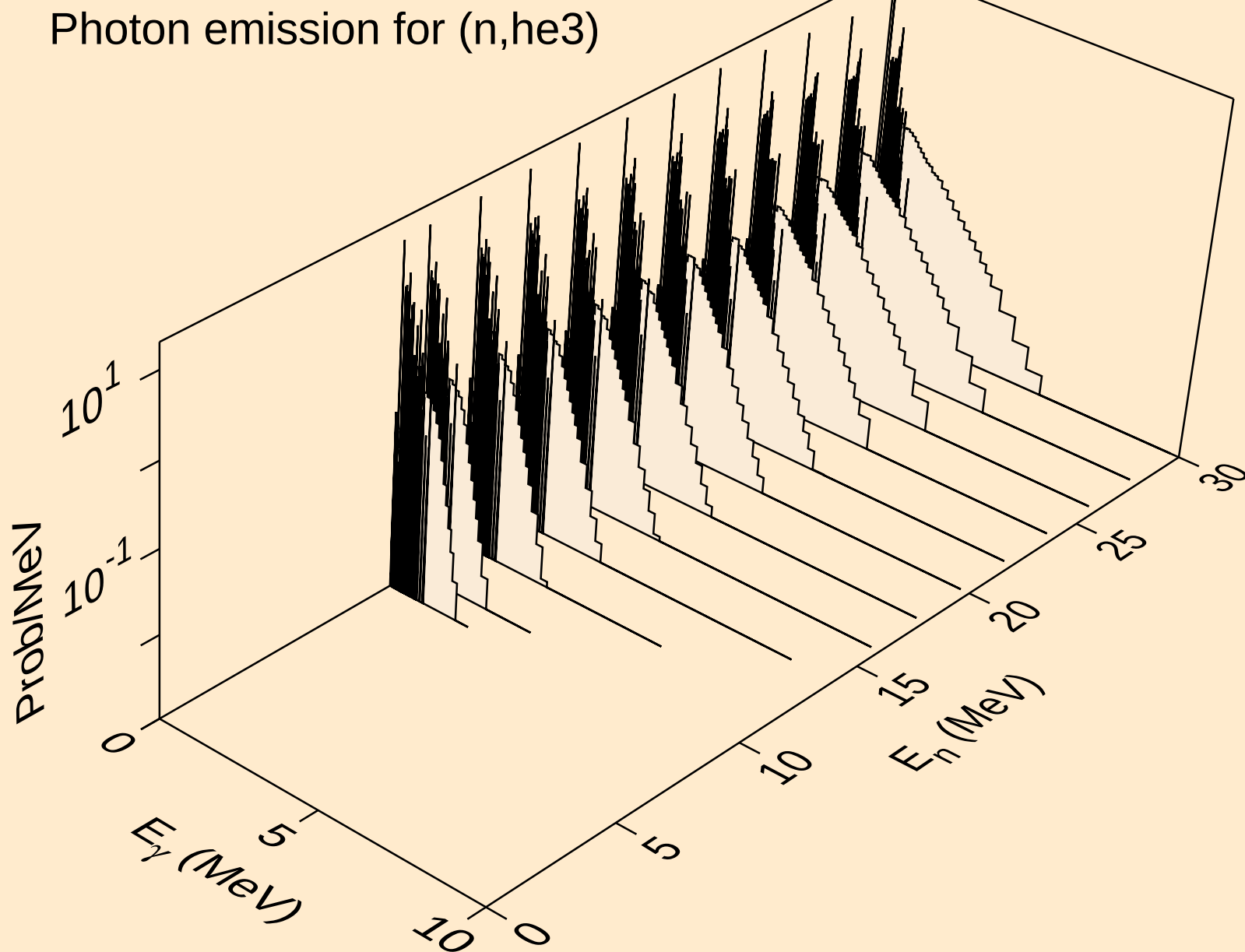
HG190 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic



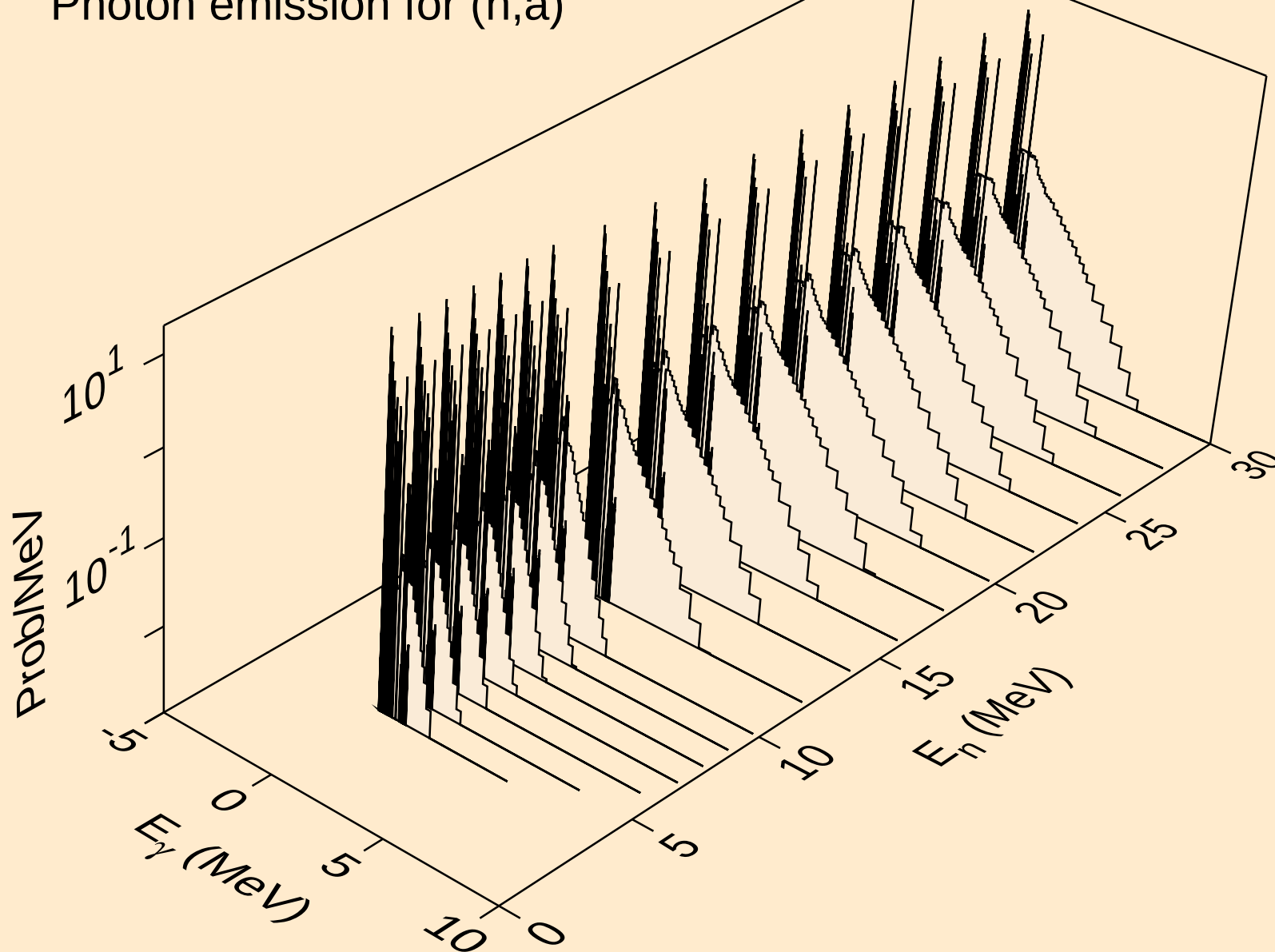
HG190 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



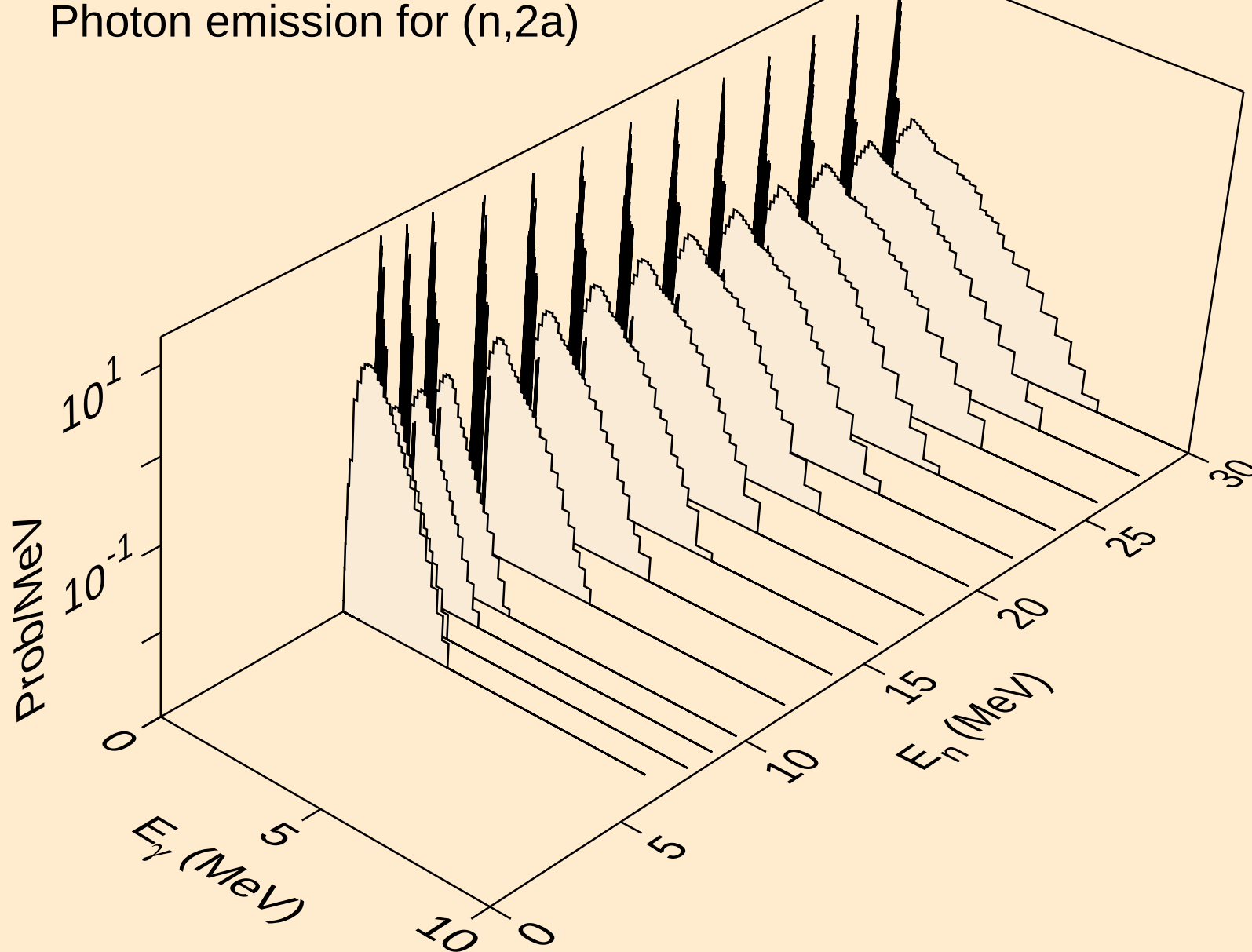
HG190 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



HG190 DEUTERON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (n,a)

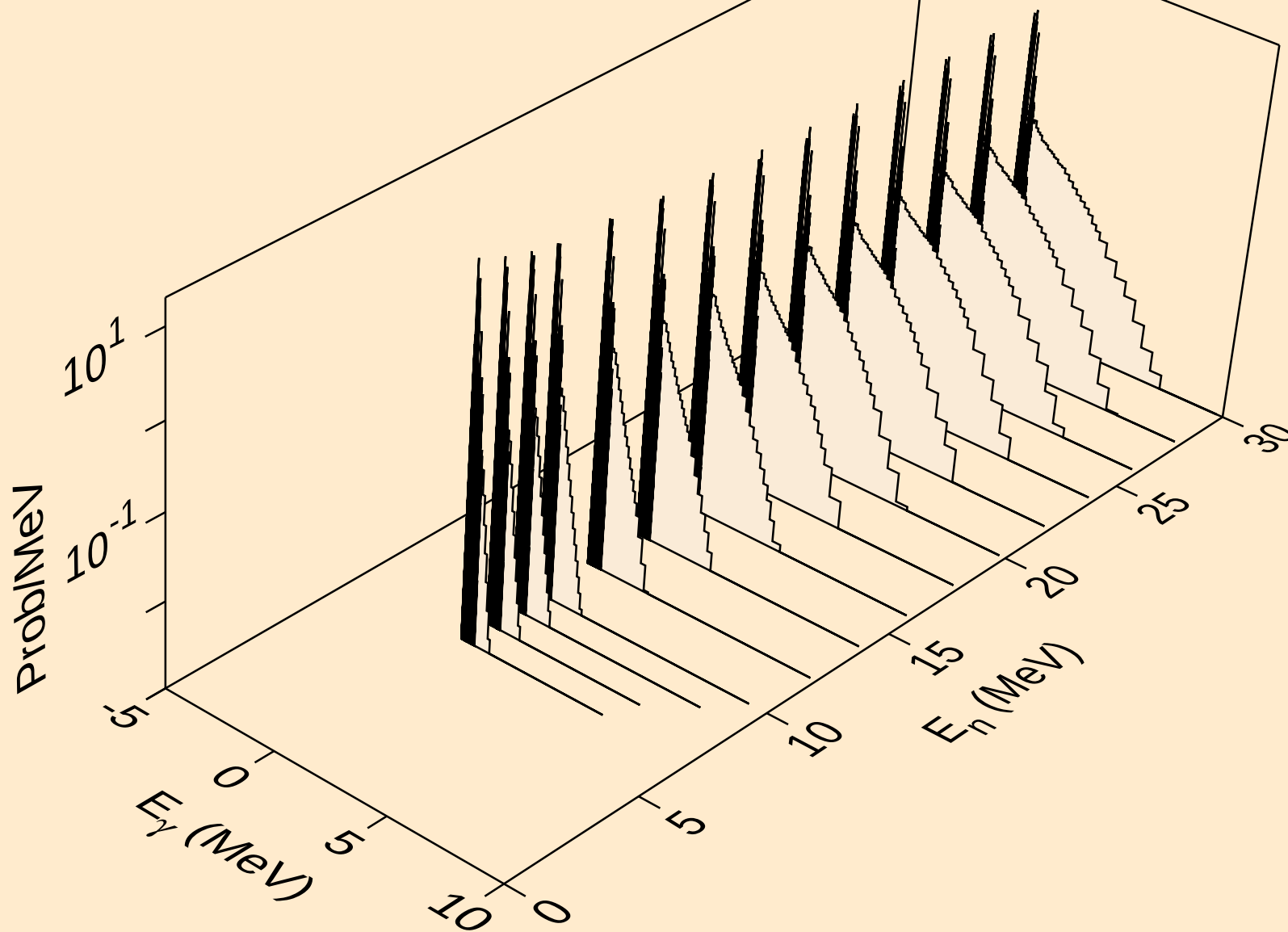


HG190 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)

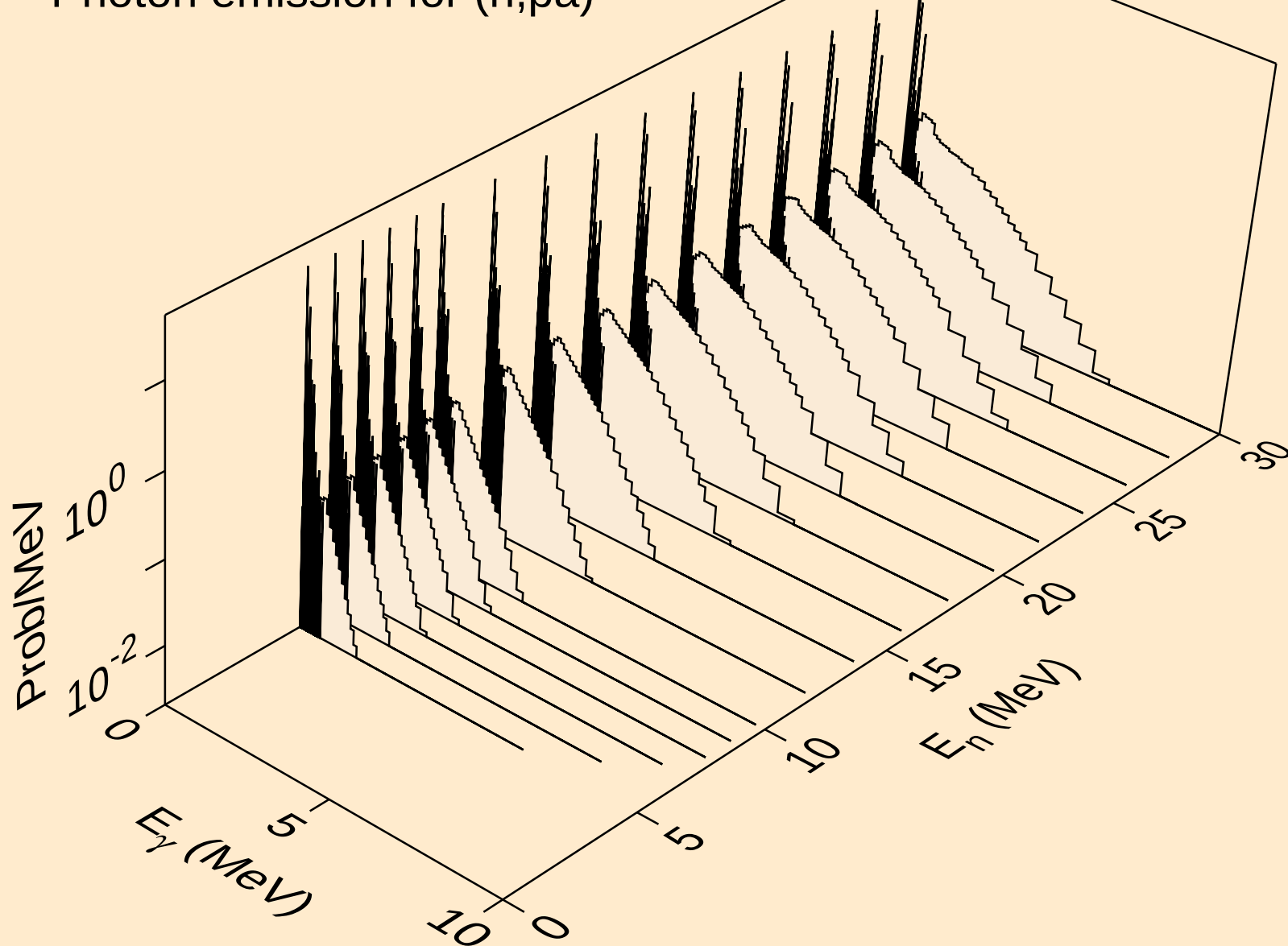




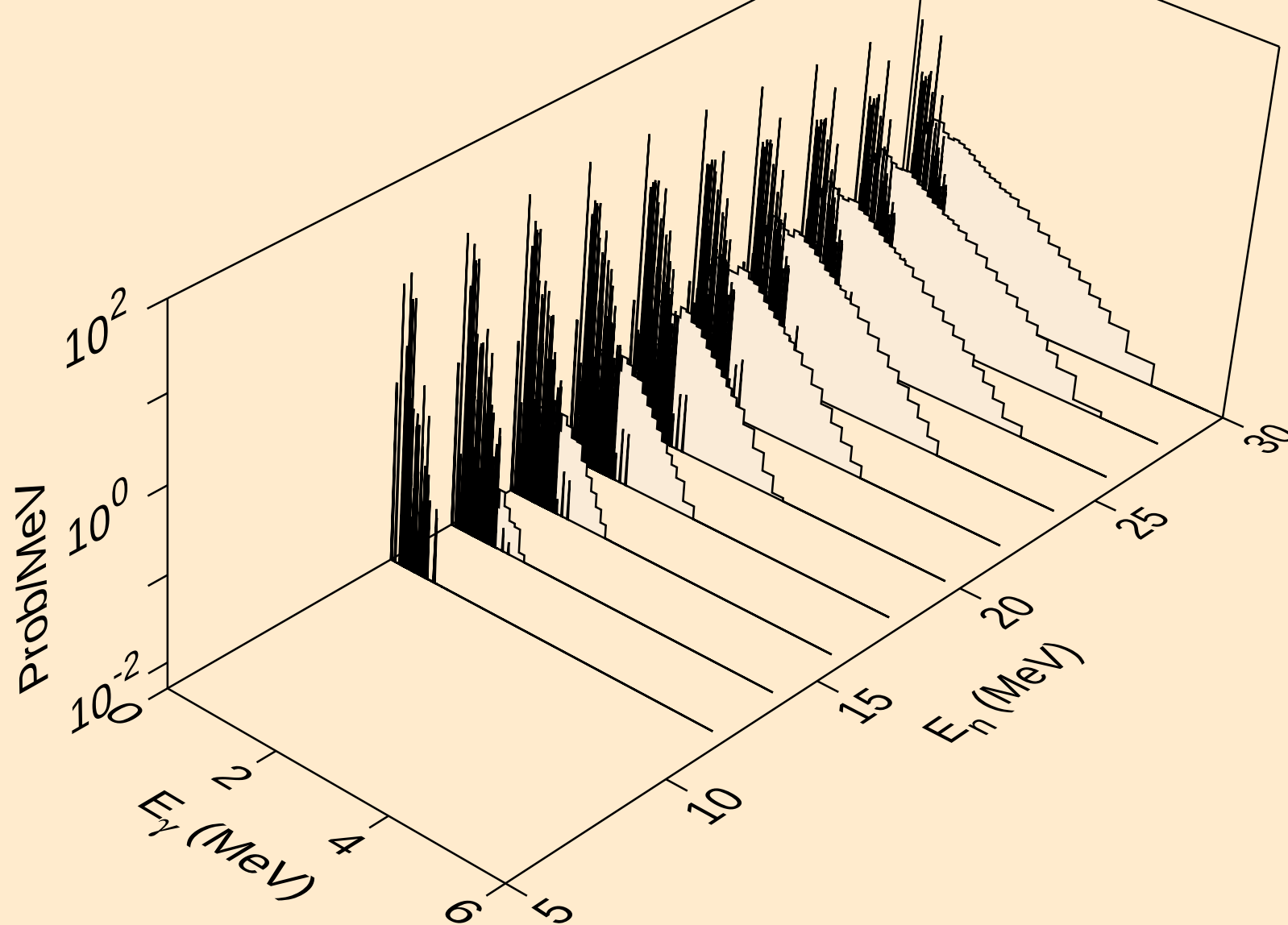
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Photon emission for (n,2p)



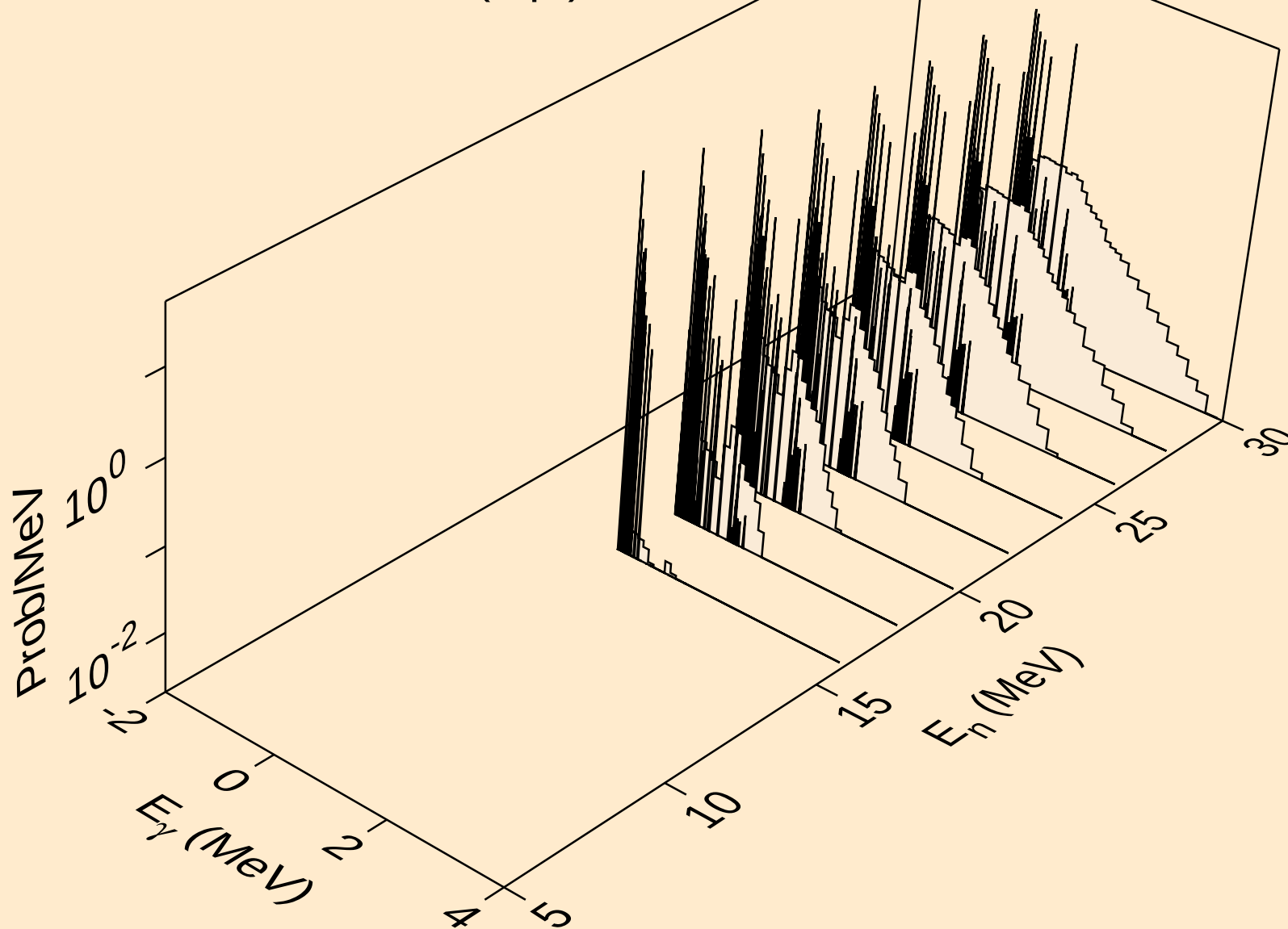
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Photon emission for (n,p)



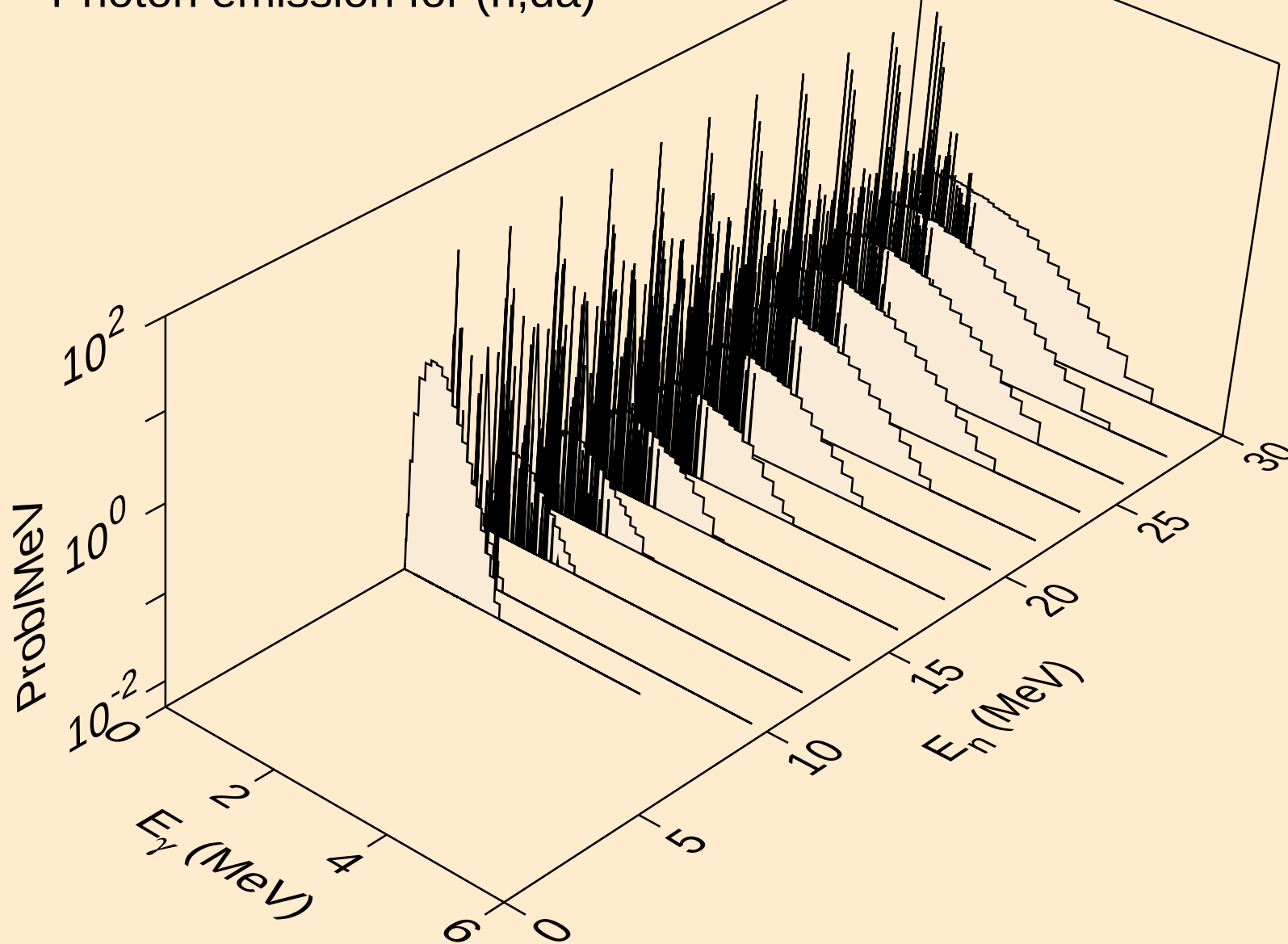
HG190 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



HG190 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)

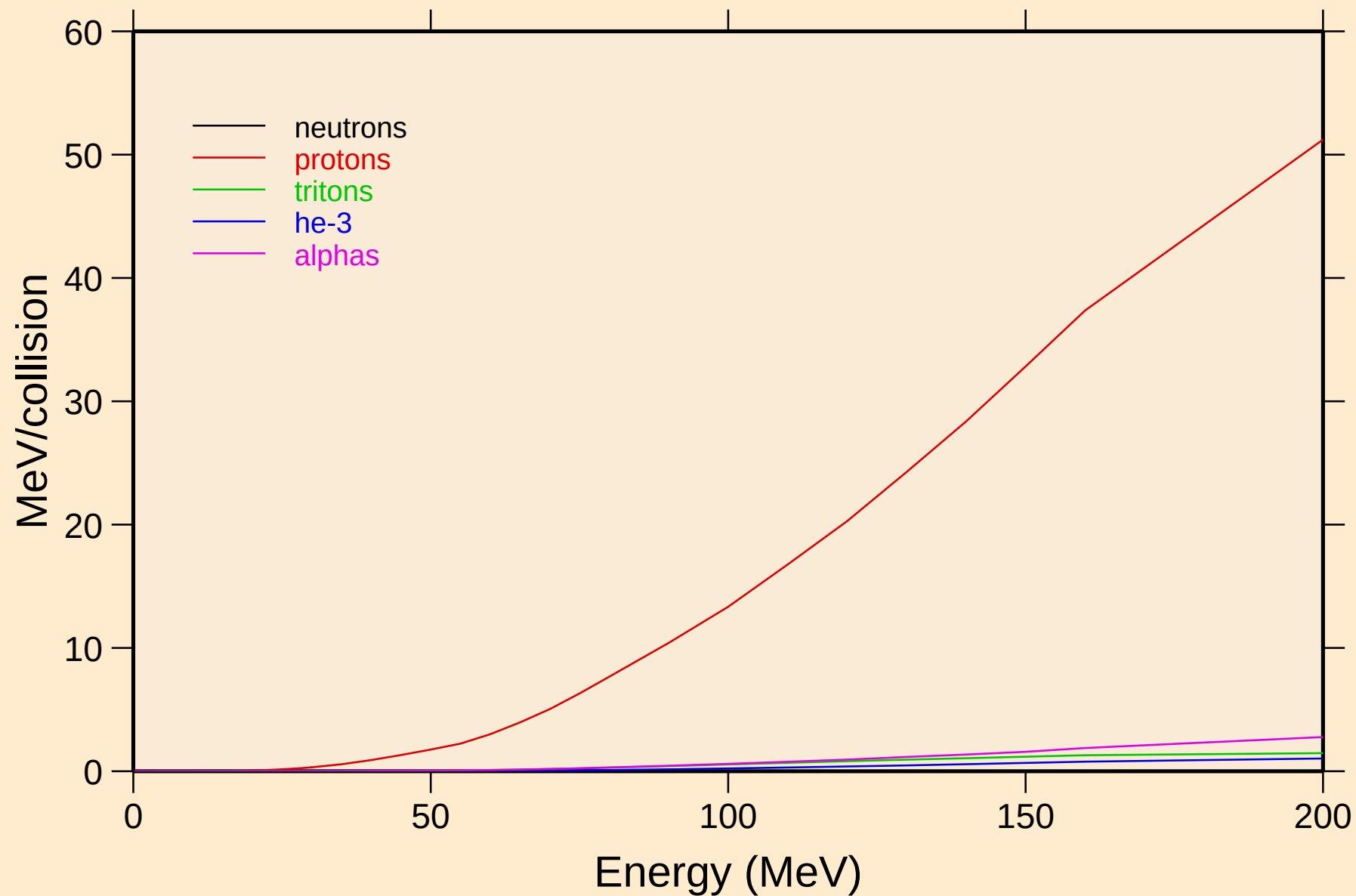


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Photon emission for (n,da)



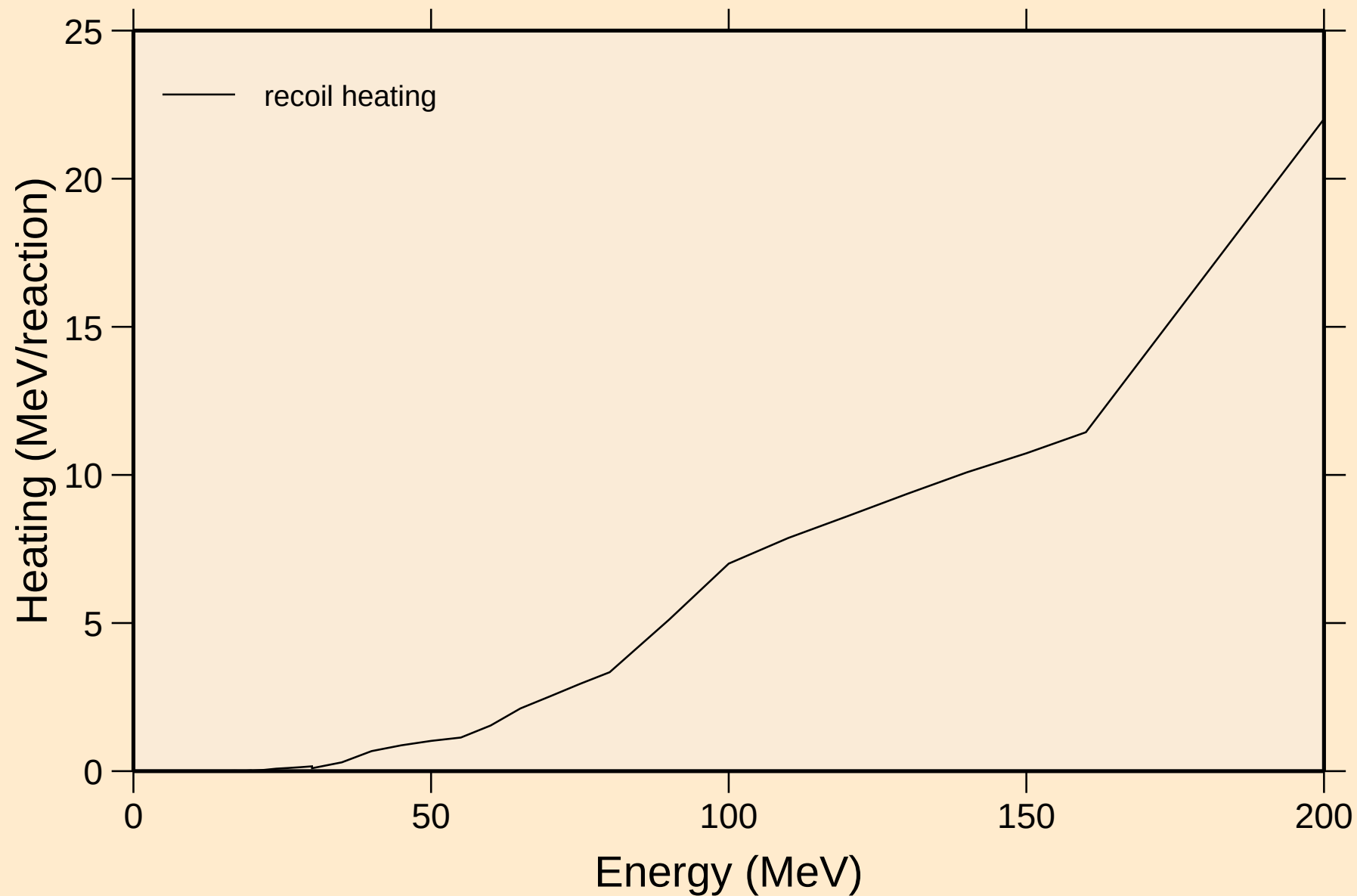
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## Particle heating contributions



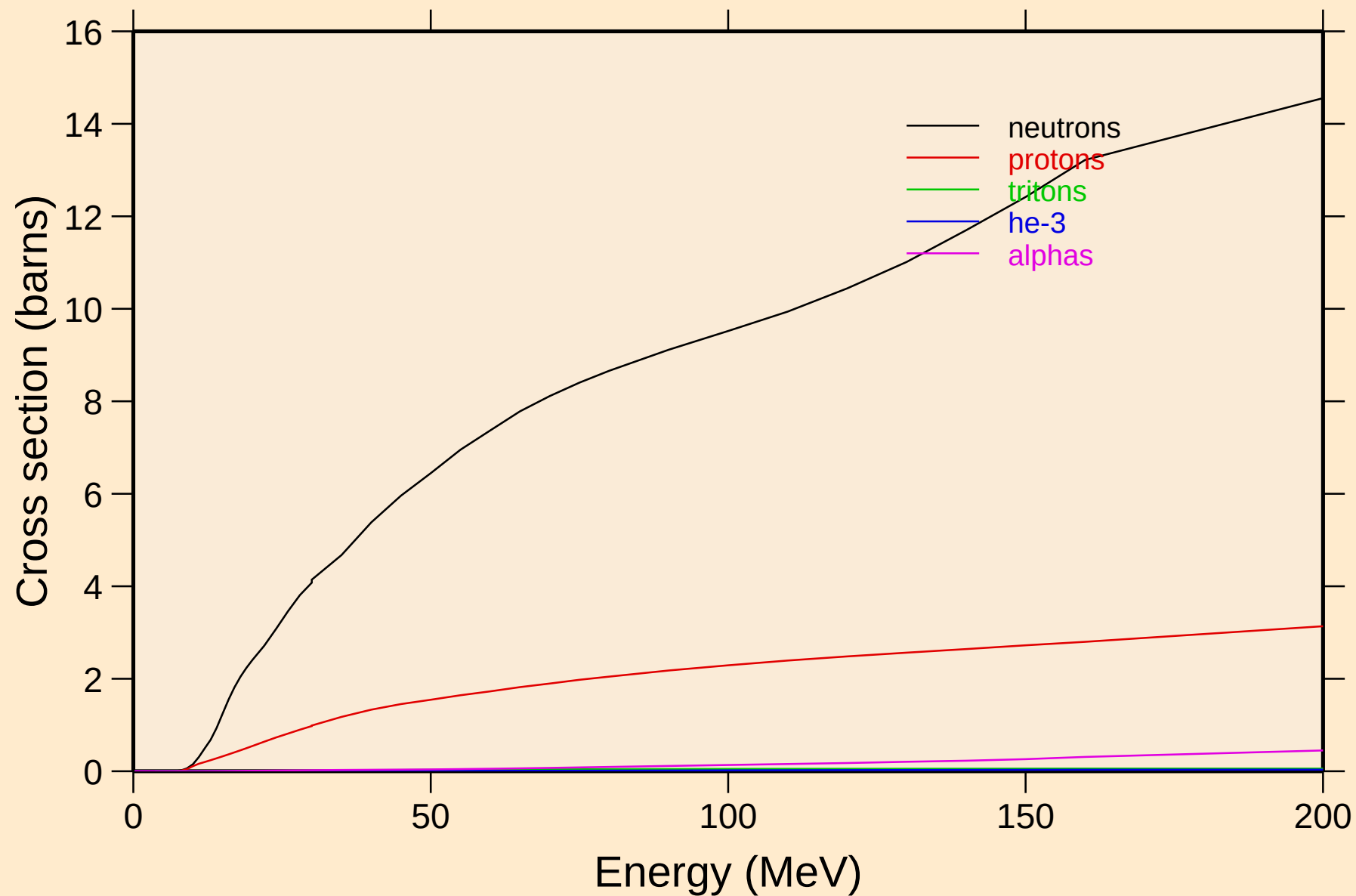
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## Recoil Heating



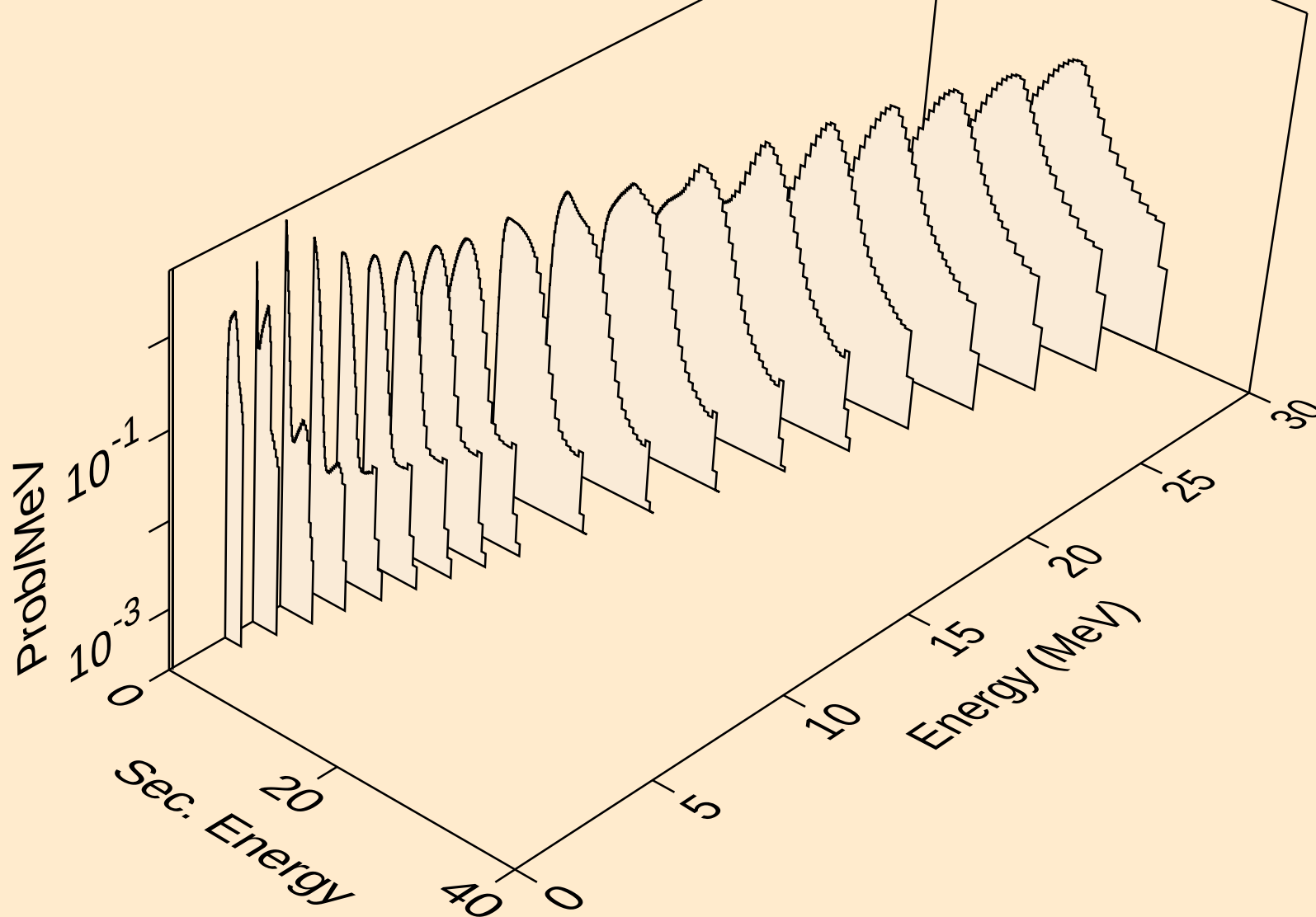
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## Particle production cross sections

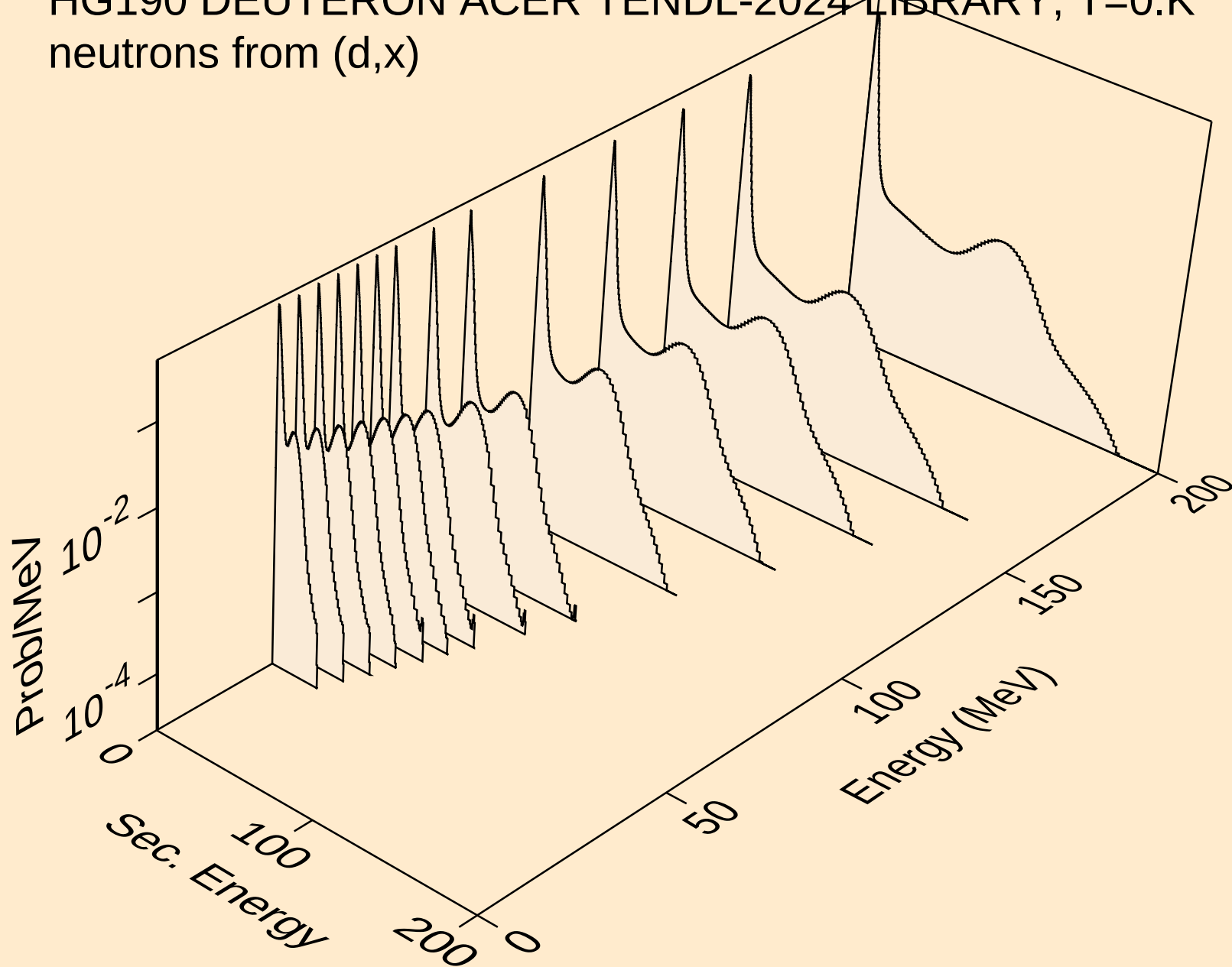




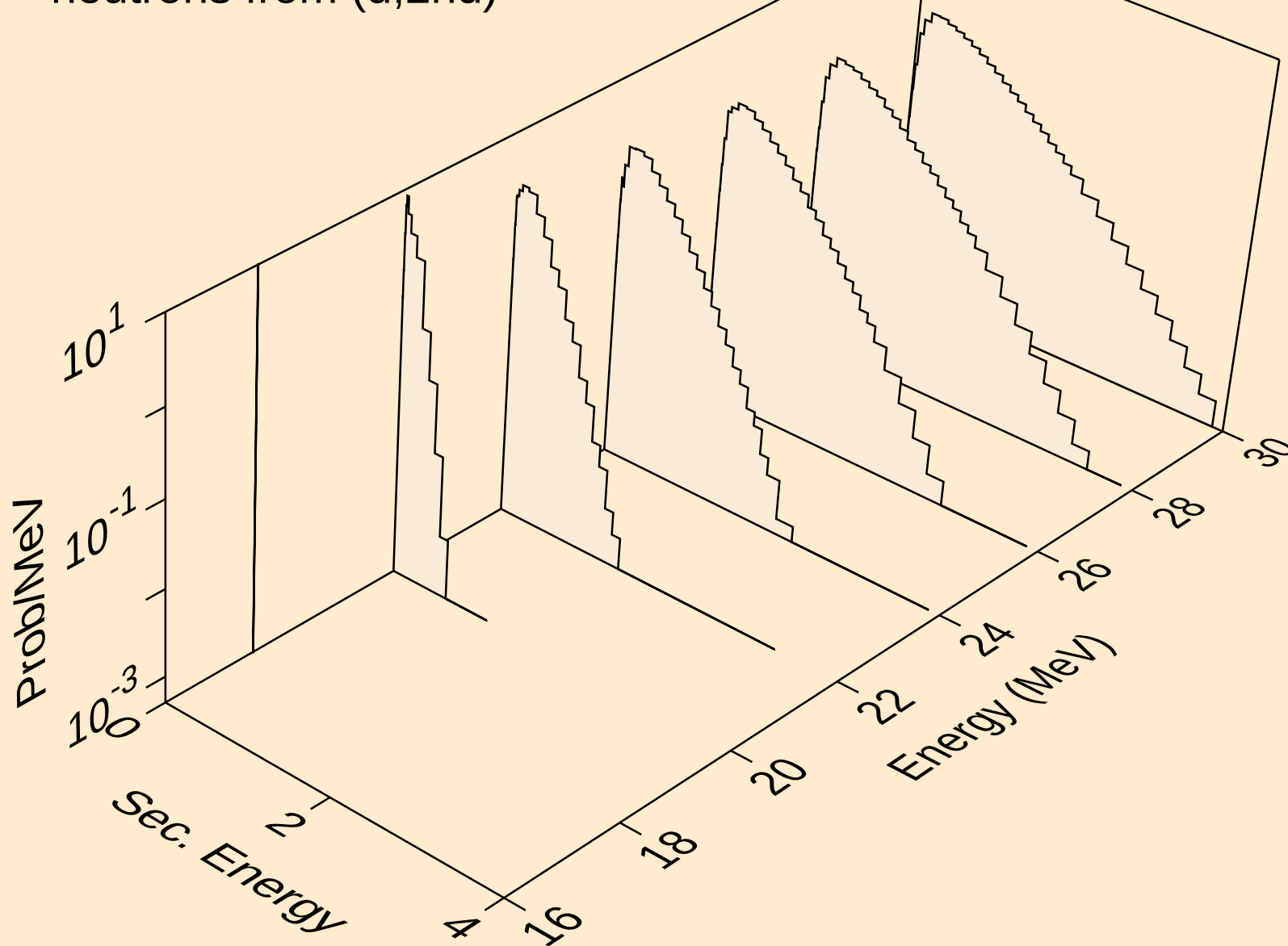
HG190 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (d,n)



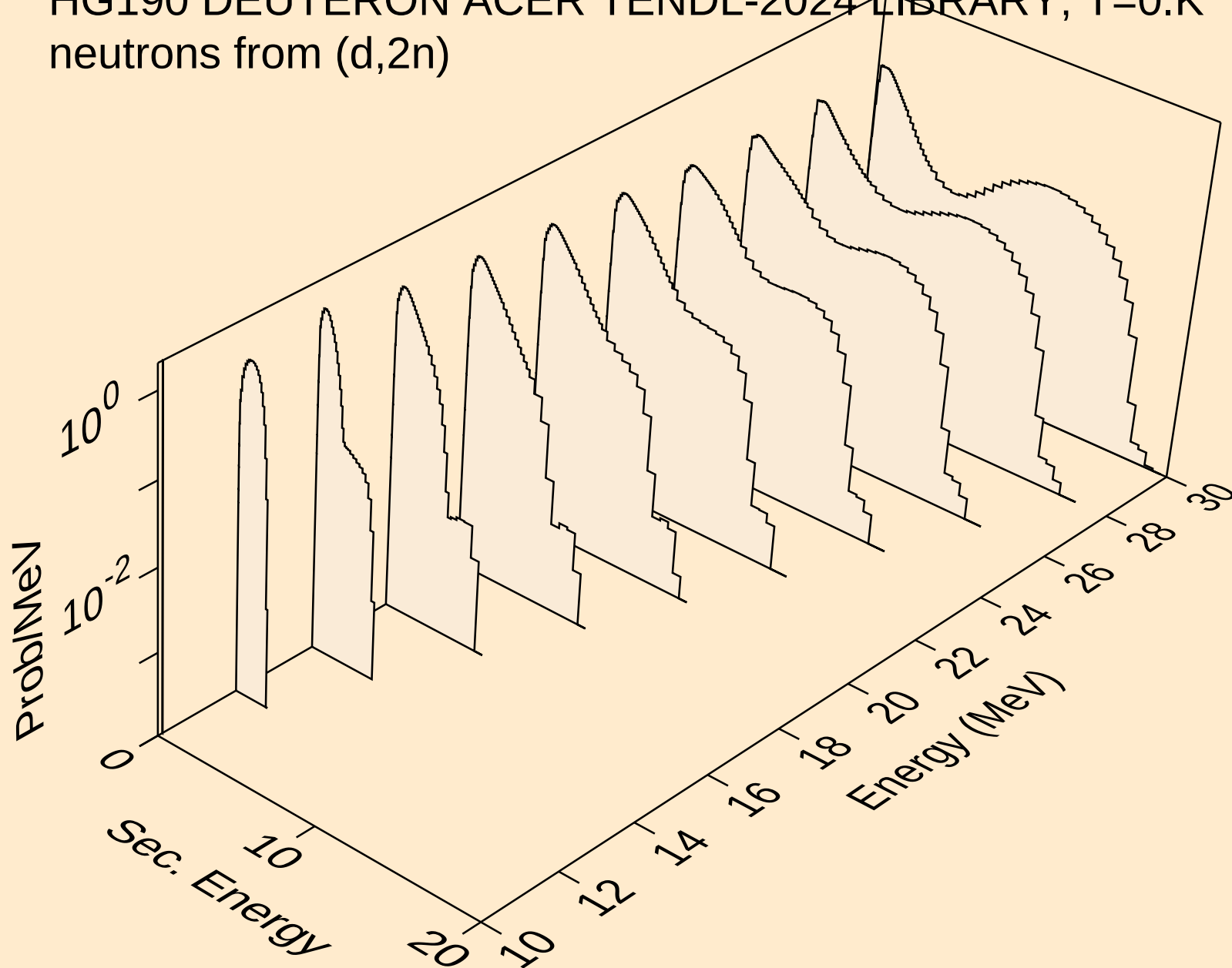
HG190 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (d,x)



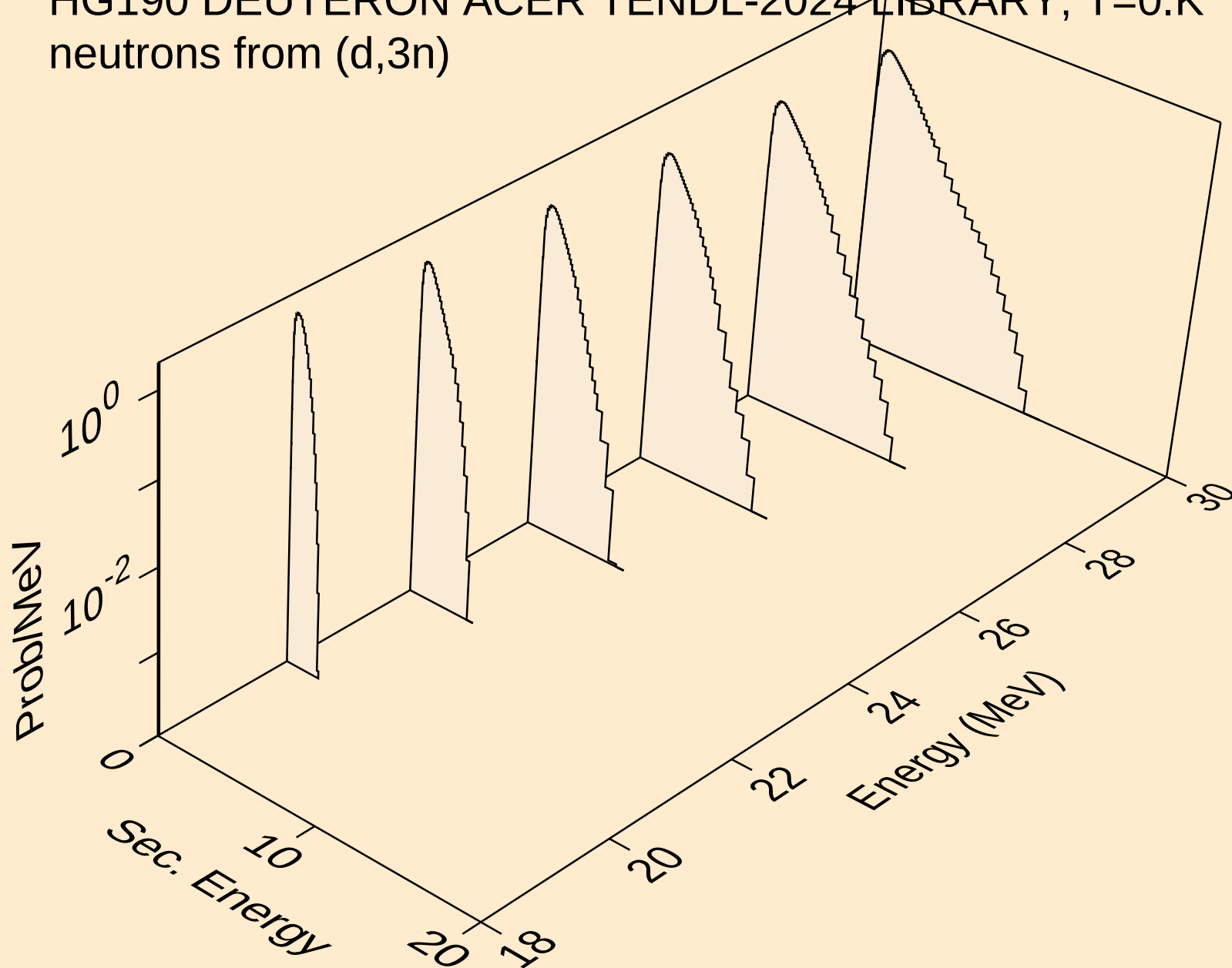
HG190 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (d,2nd)



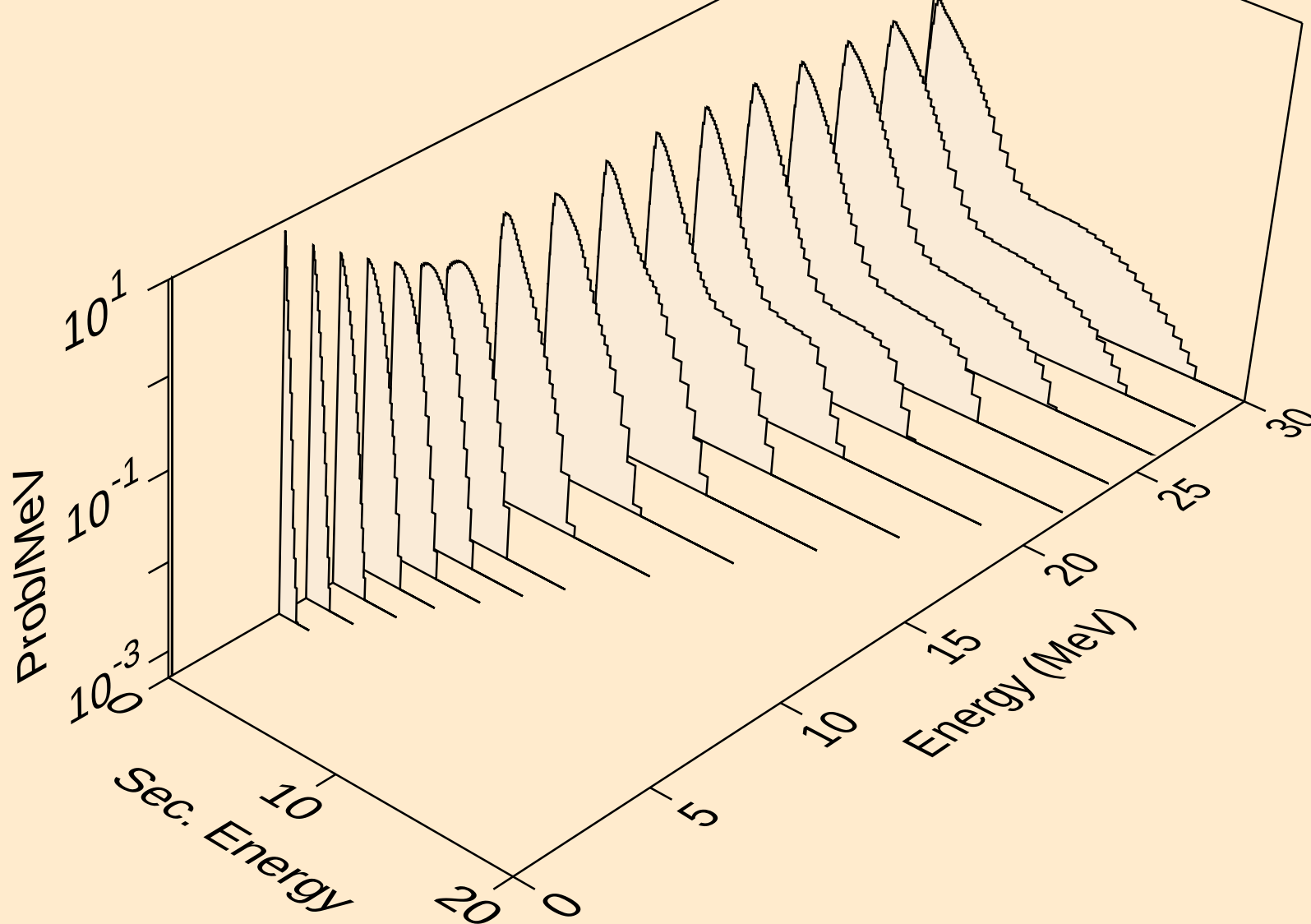
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neutrons from (d,2n)



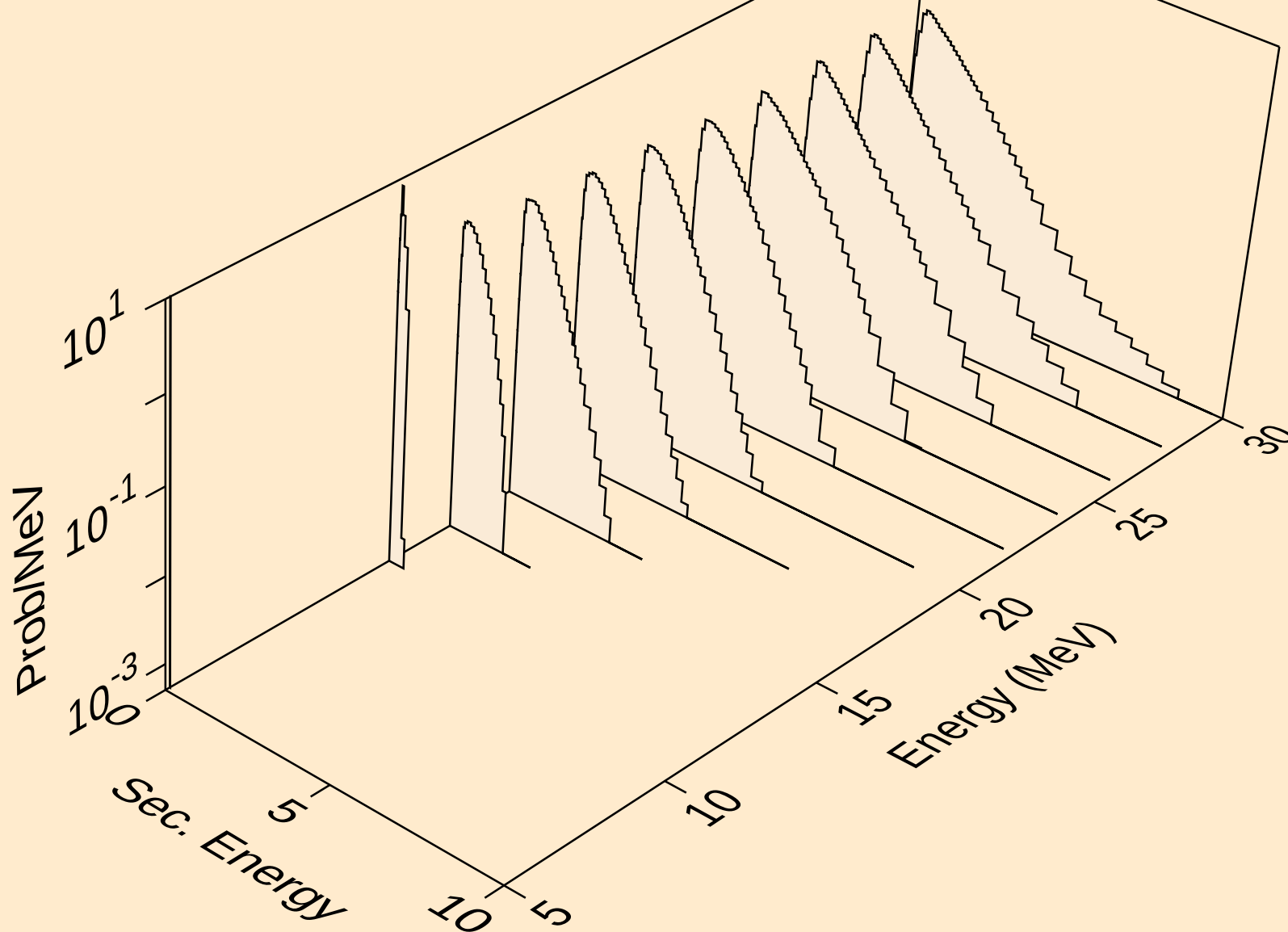
HG190 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (d,3n)



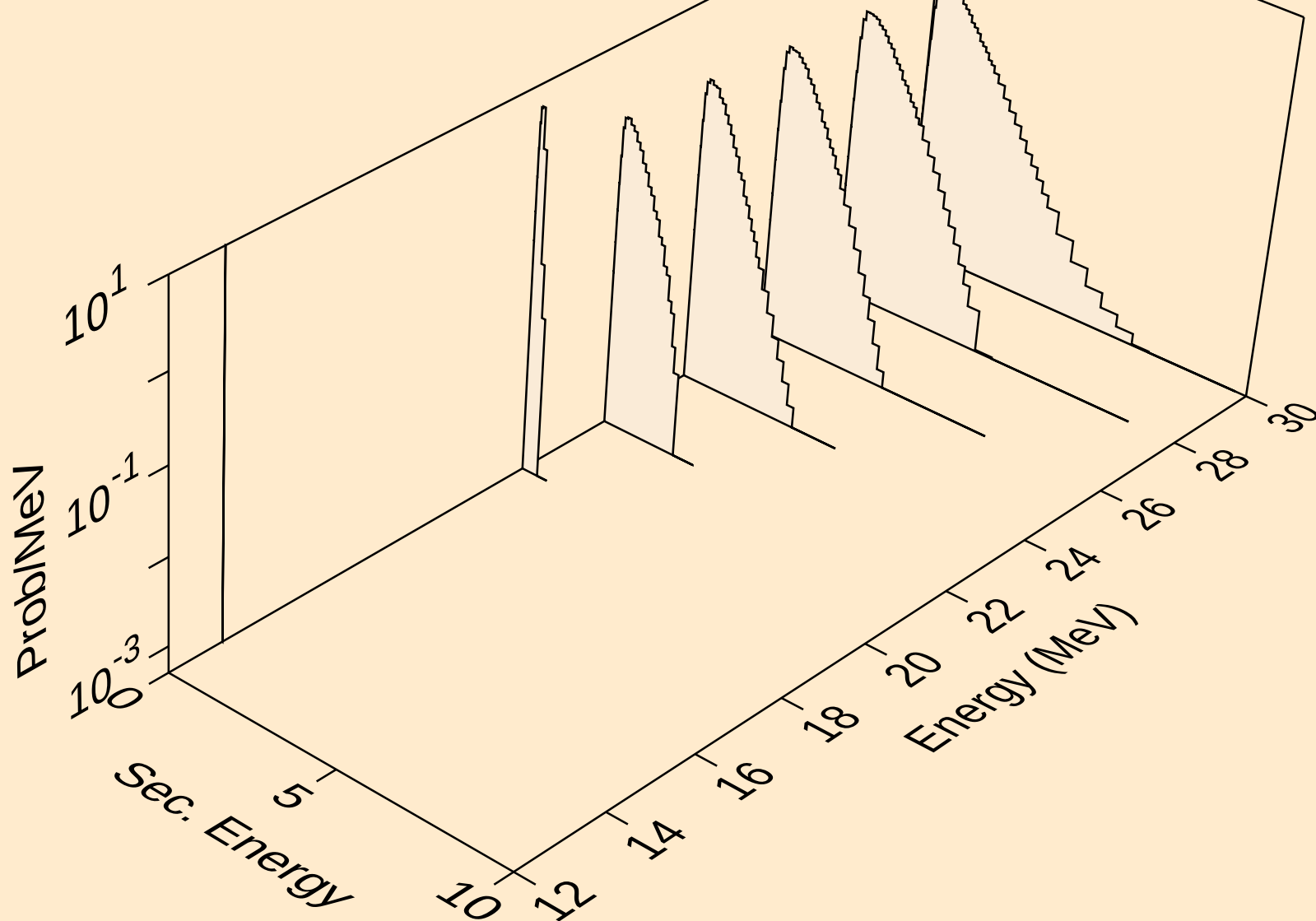
HG190 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (d,n\*)a



HG190 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (d,2n)a

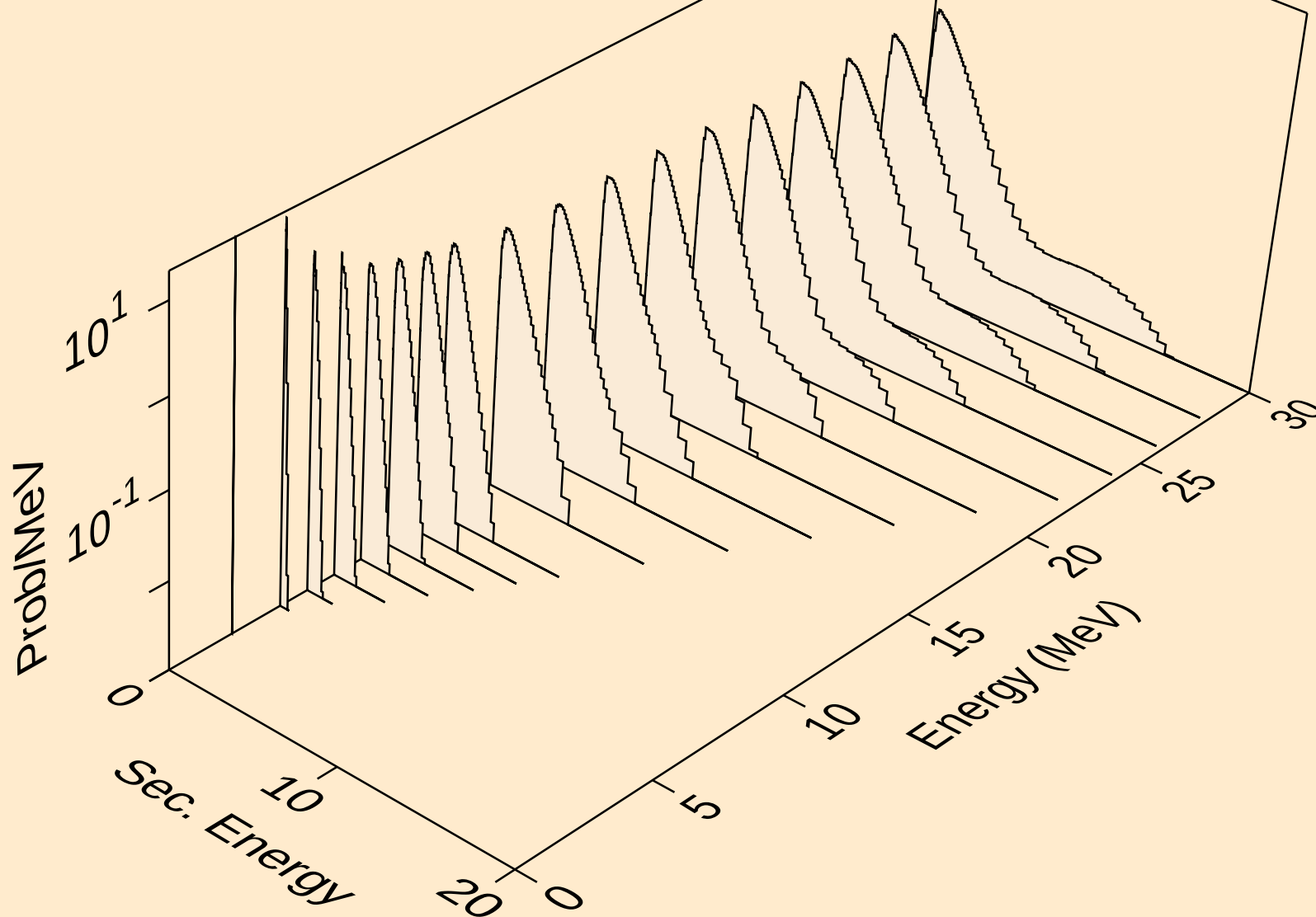


HG190 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (d,3n)a

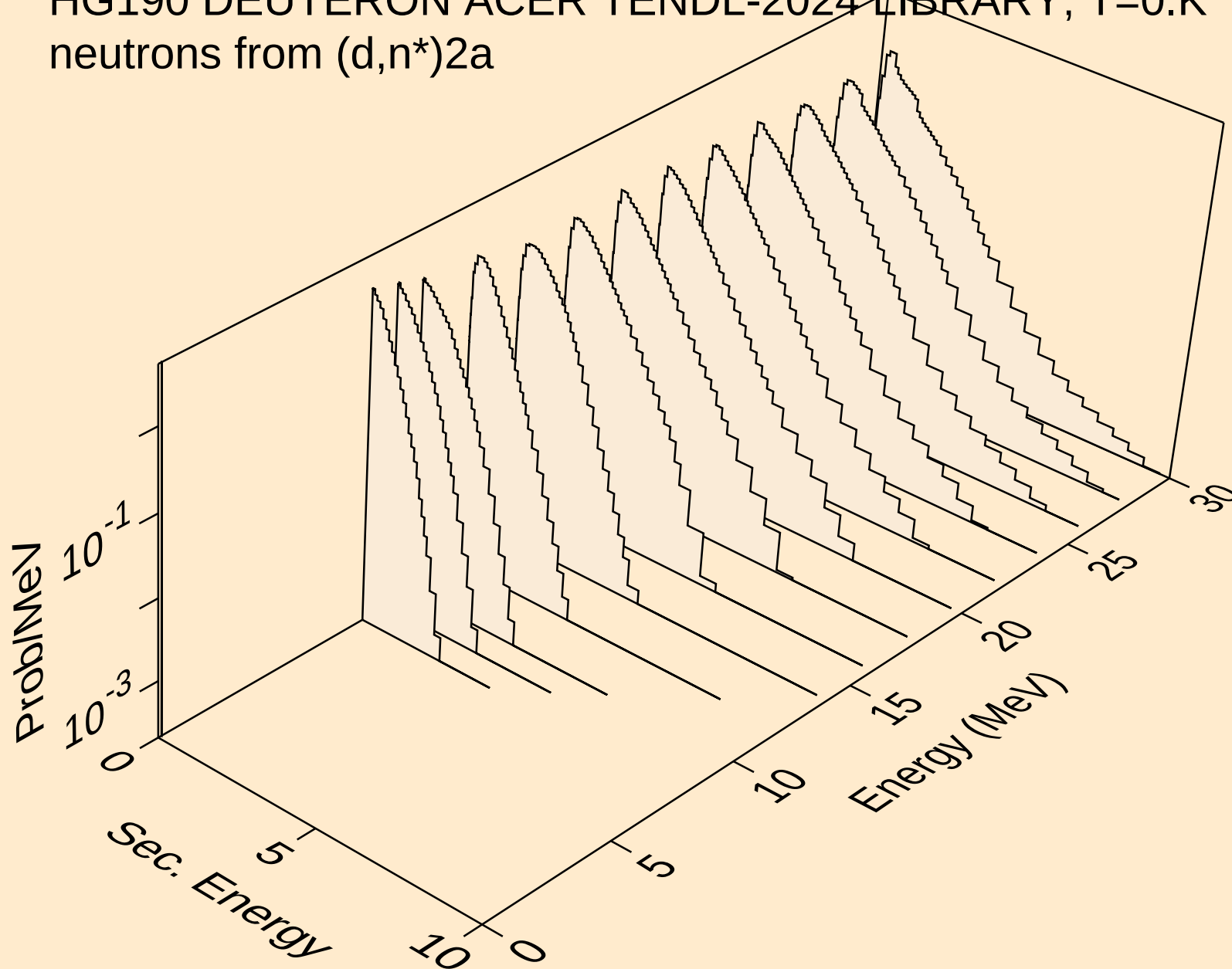




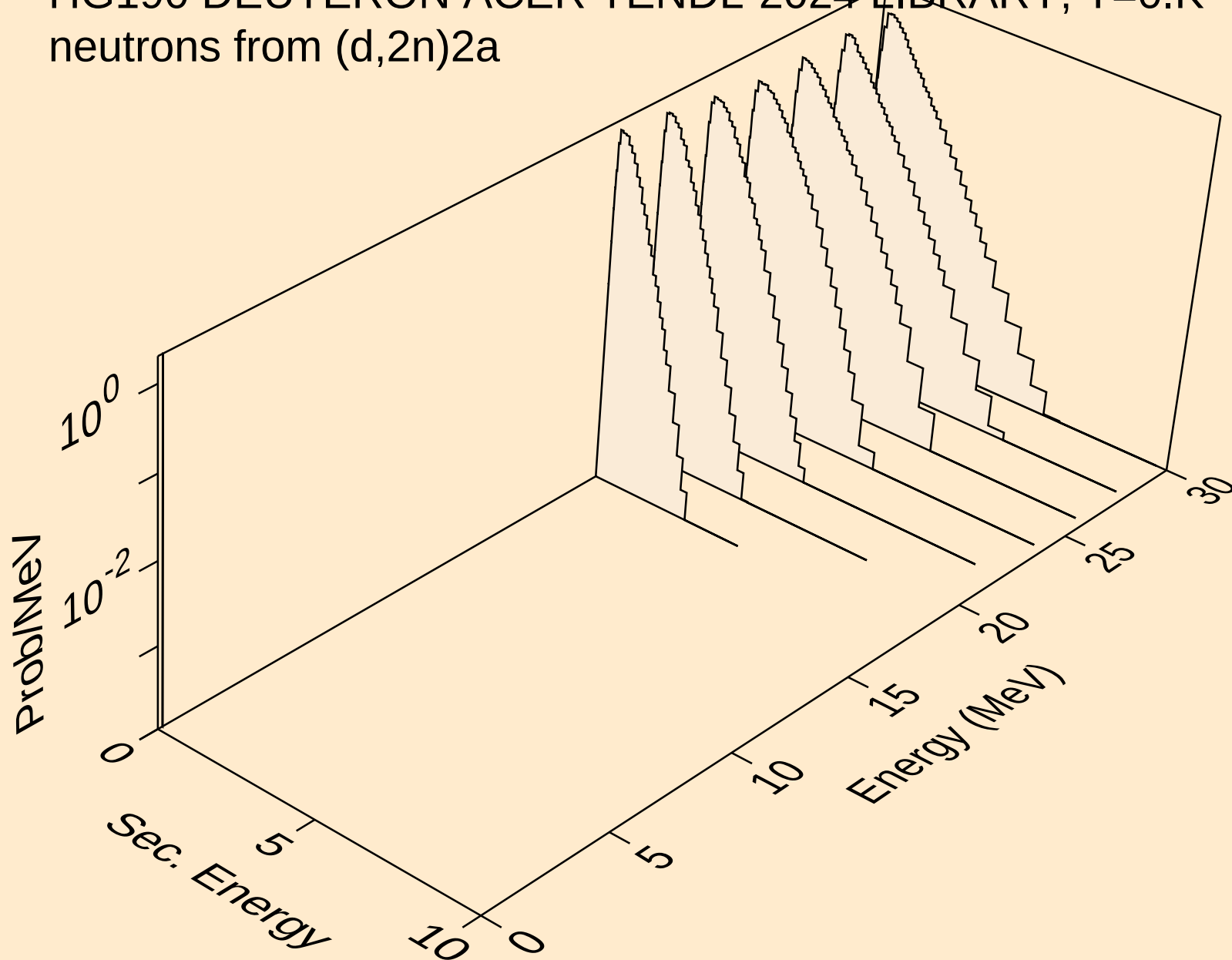
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neutrons from (d,n\*)p



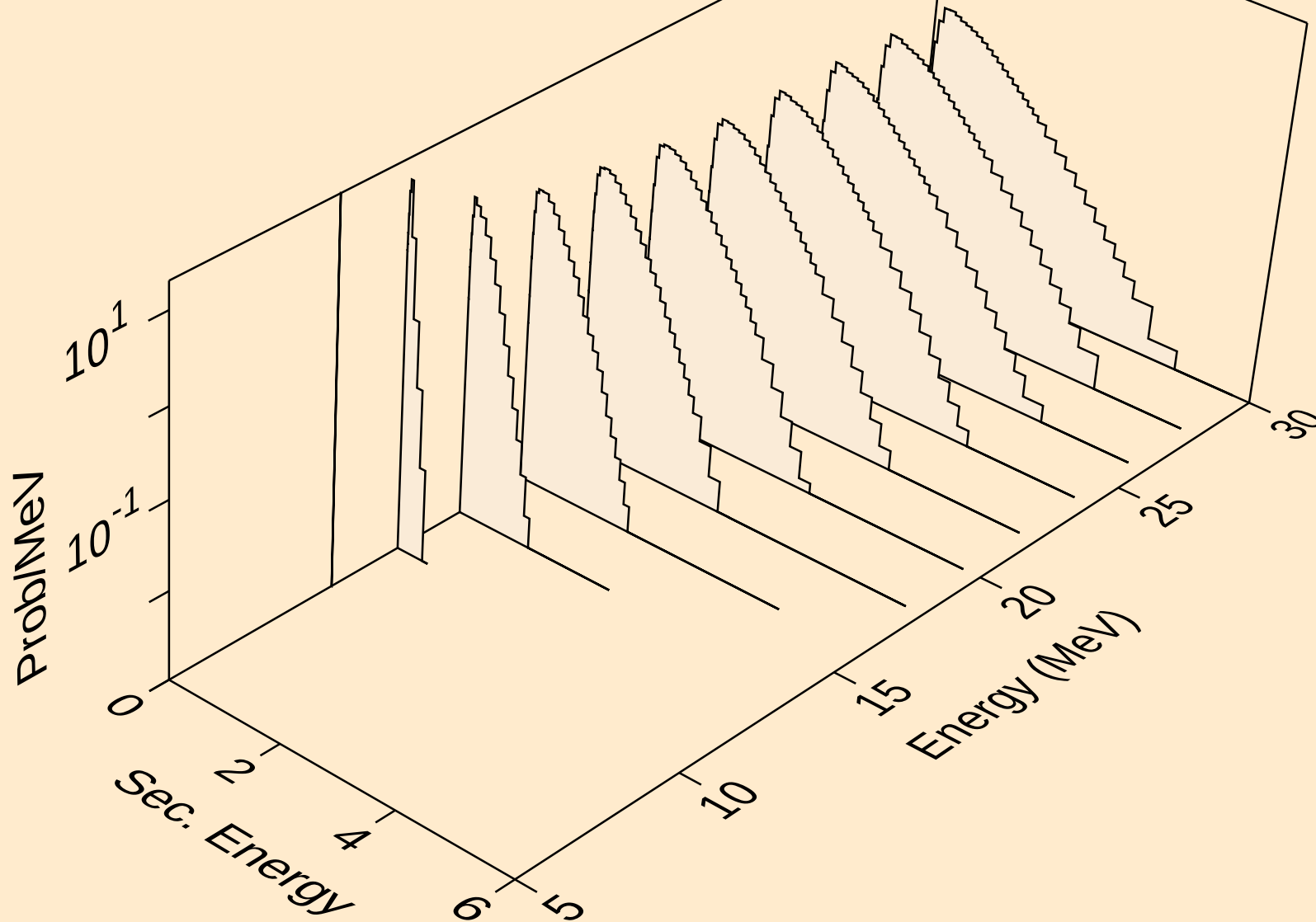
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neutrons from (d,n\*)2a



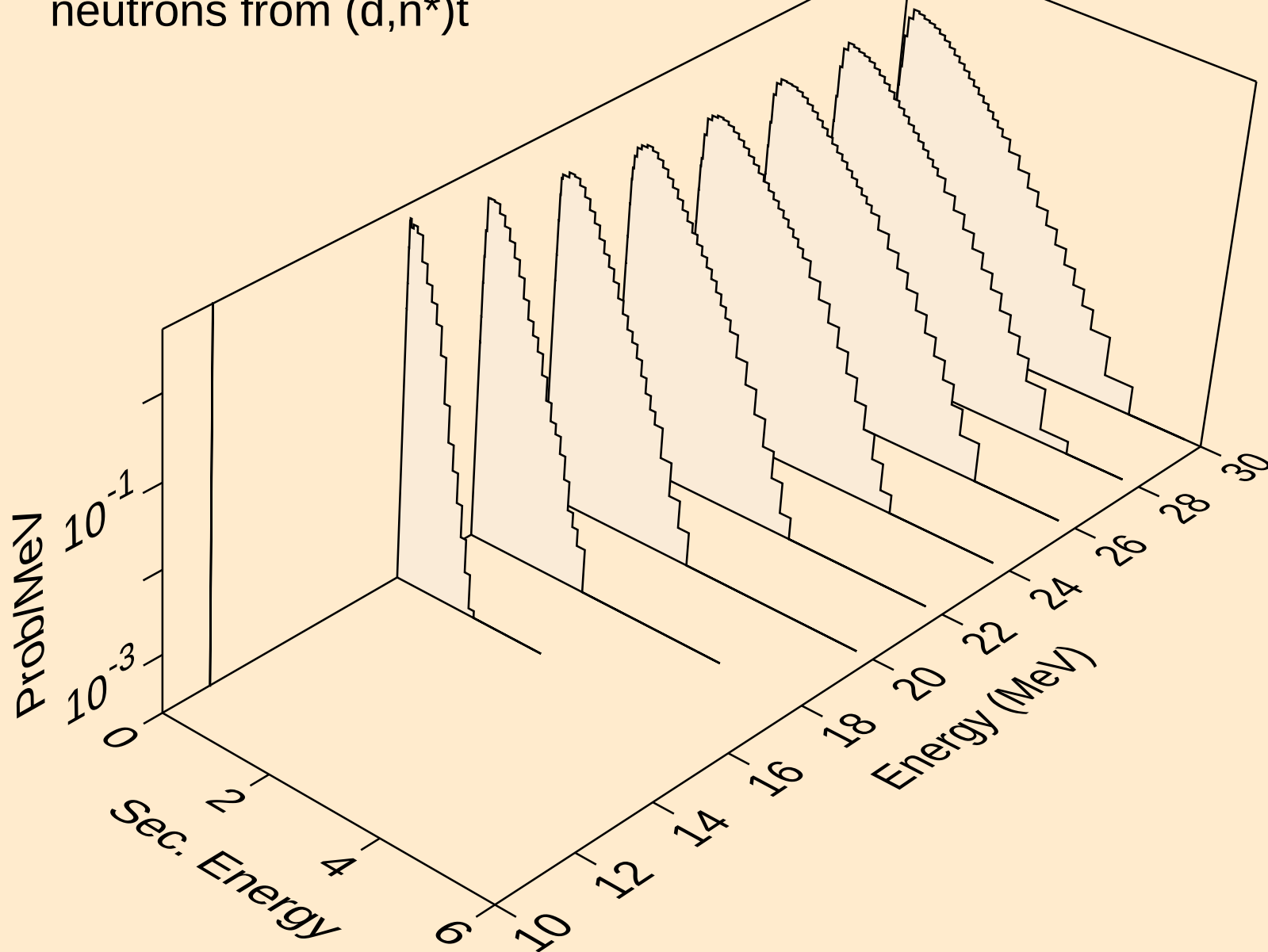
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neutrons from (d,2n)2a



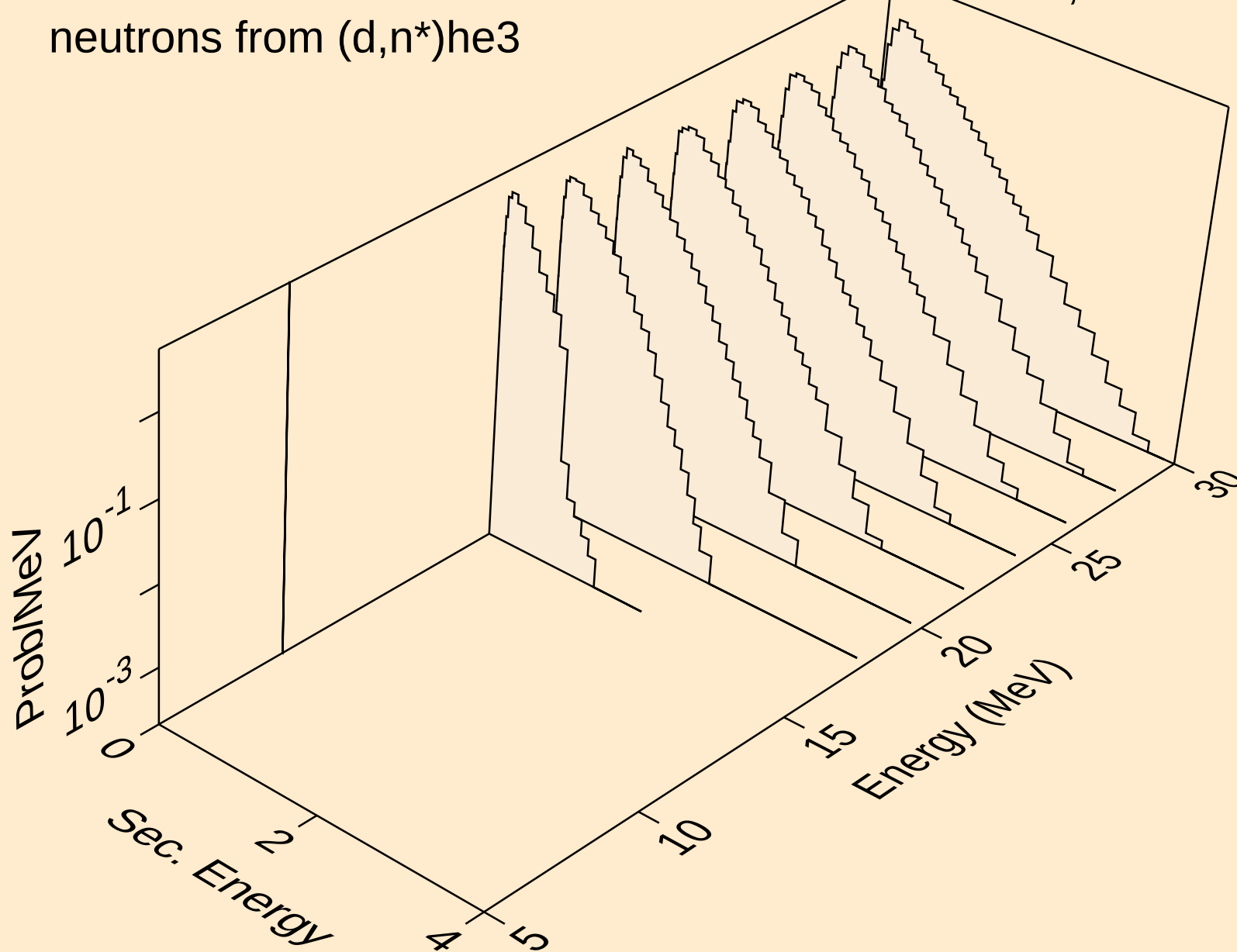
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neutrons from (d,n\*)d



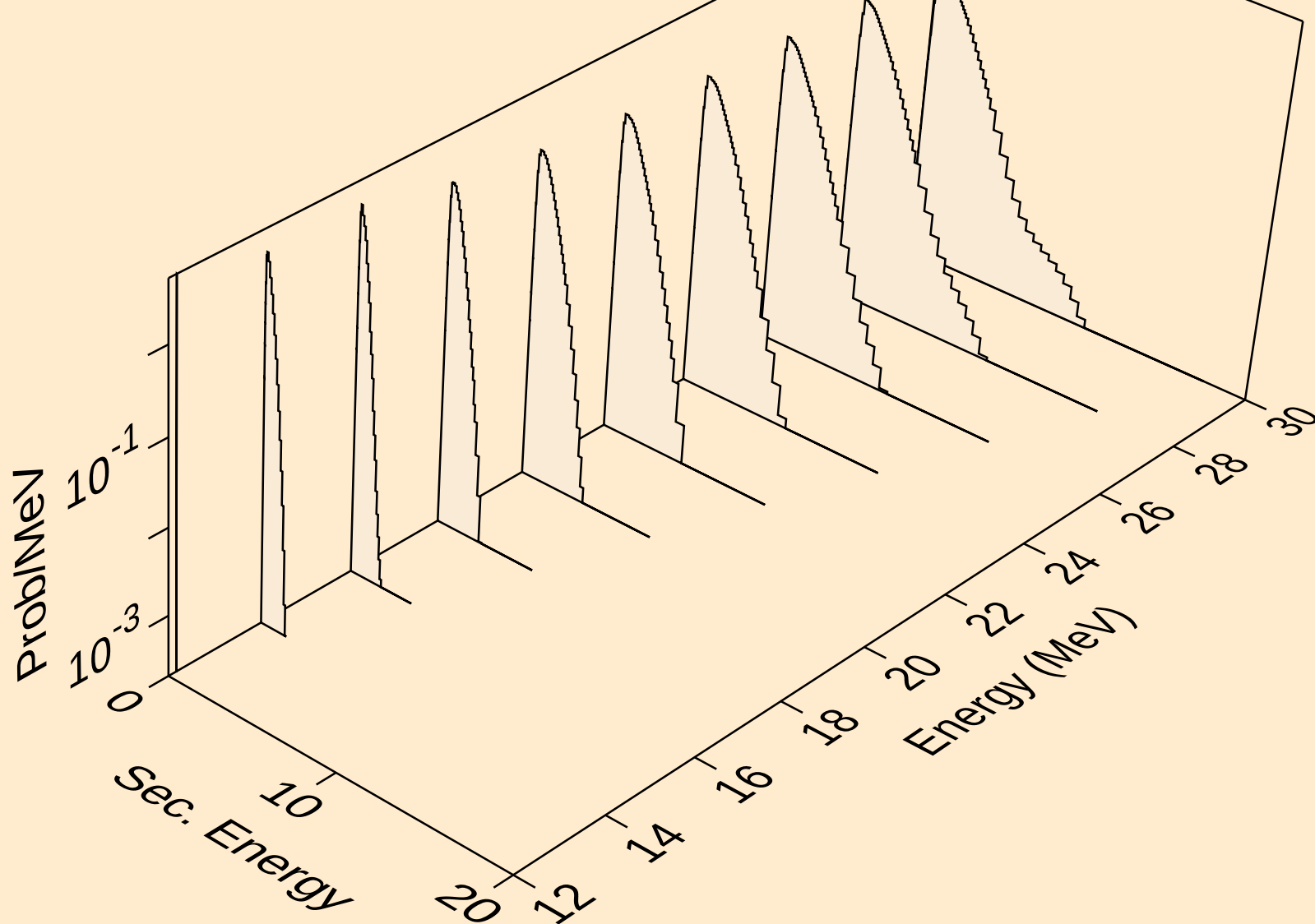
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neutrons from (d,n\*)t



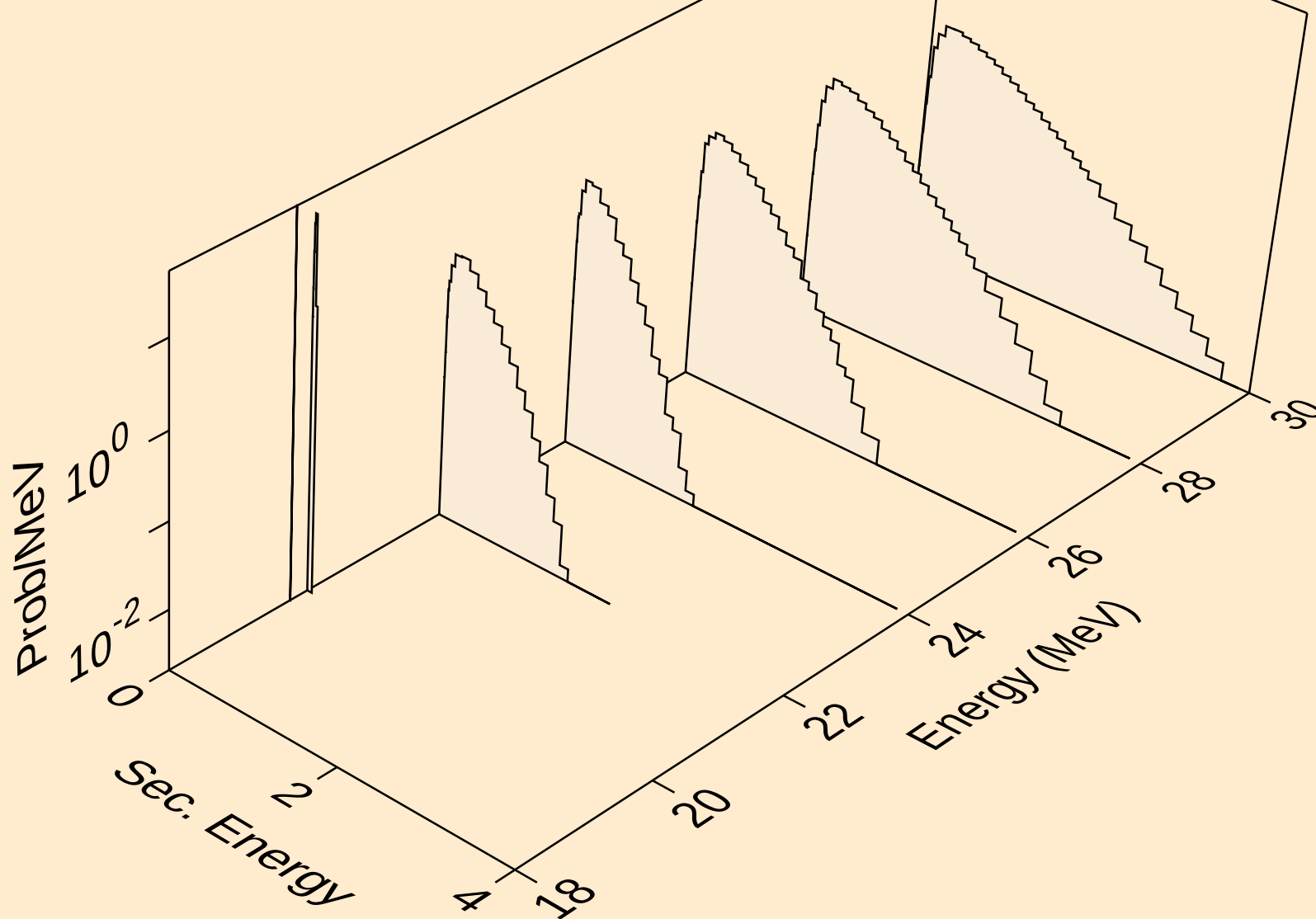
HG190 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (d,n\*)he3



HG190 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (d,2np)

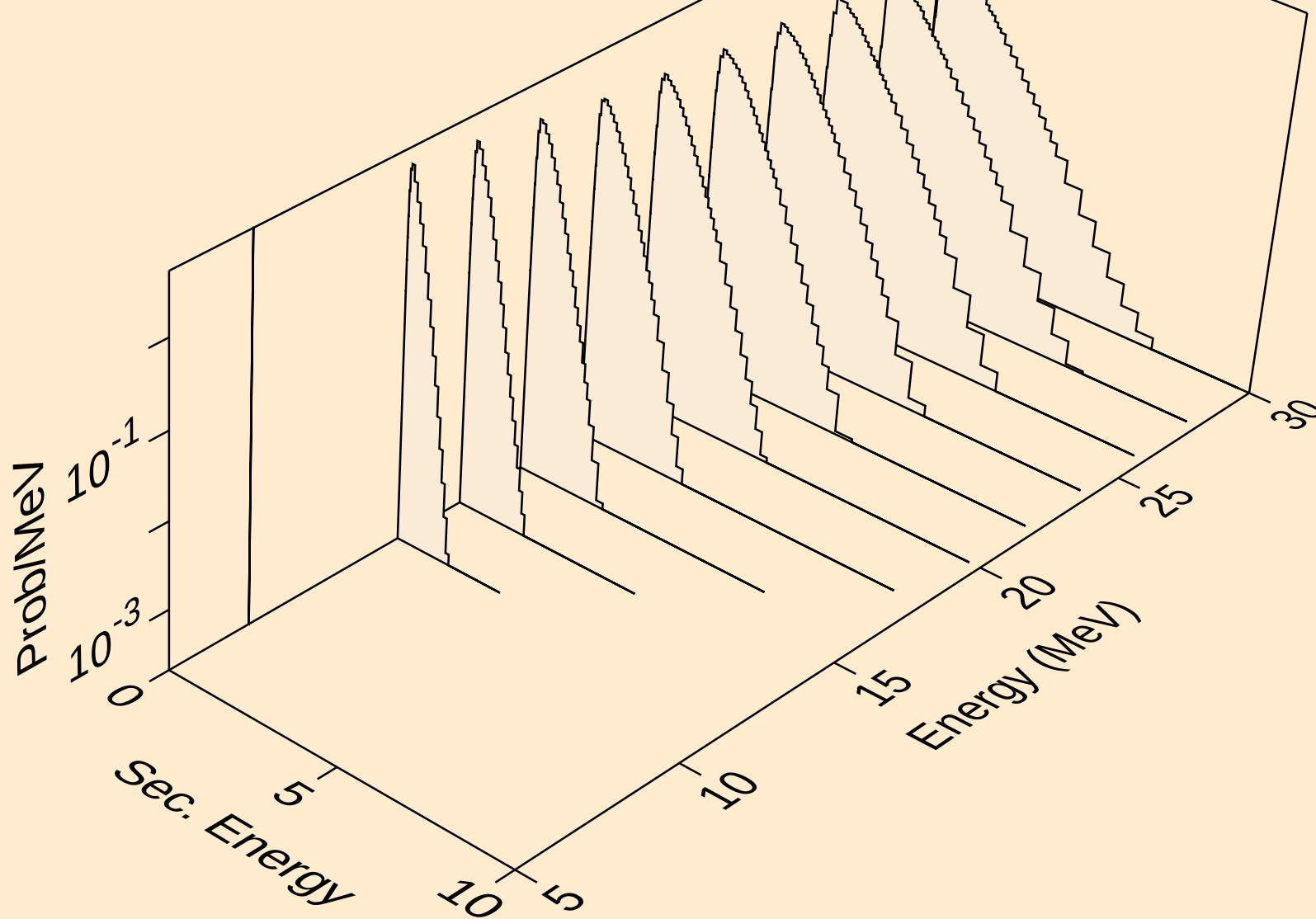


HG190 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (d,3np)

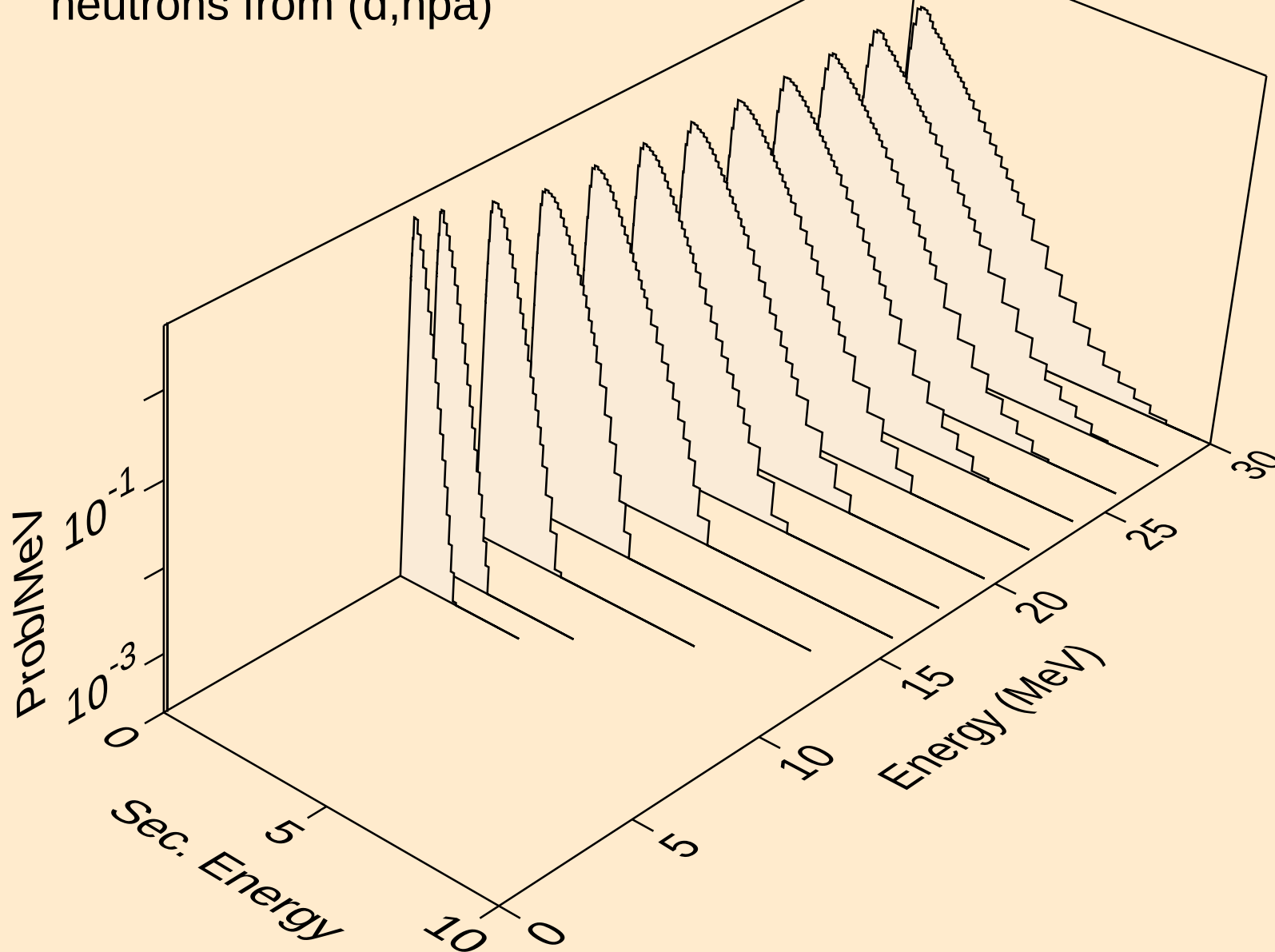




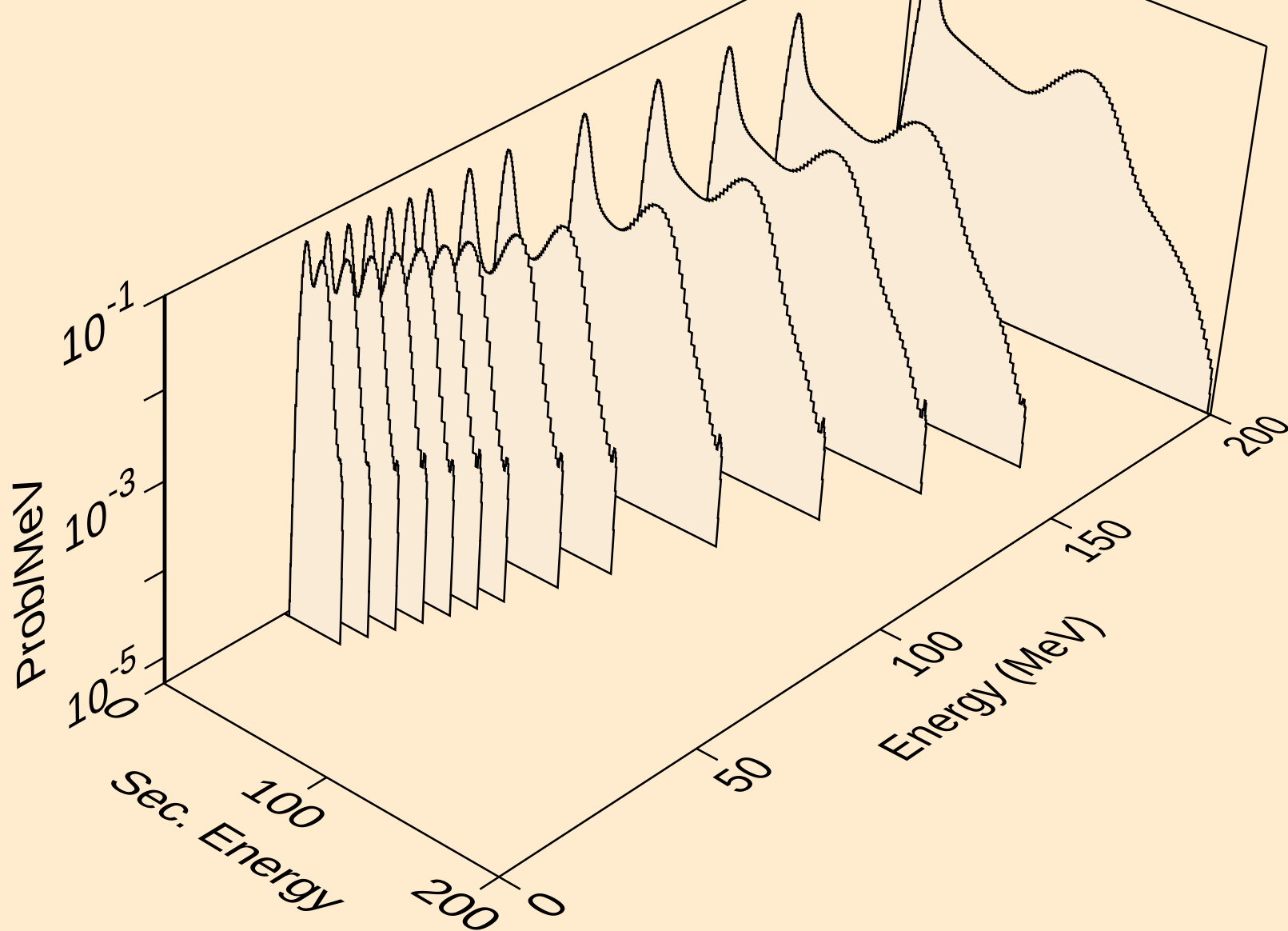
HG190 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (d,n2p)



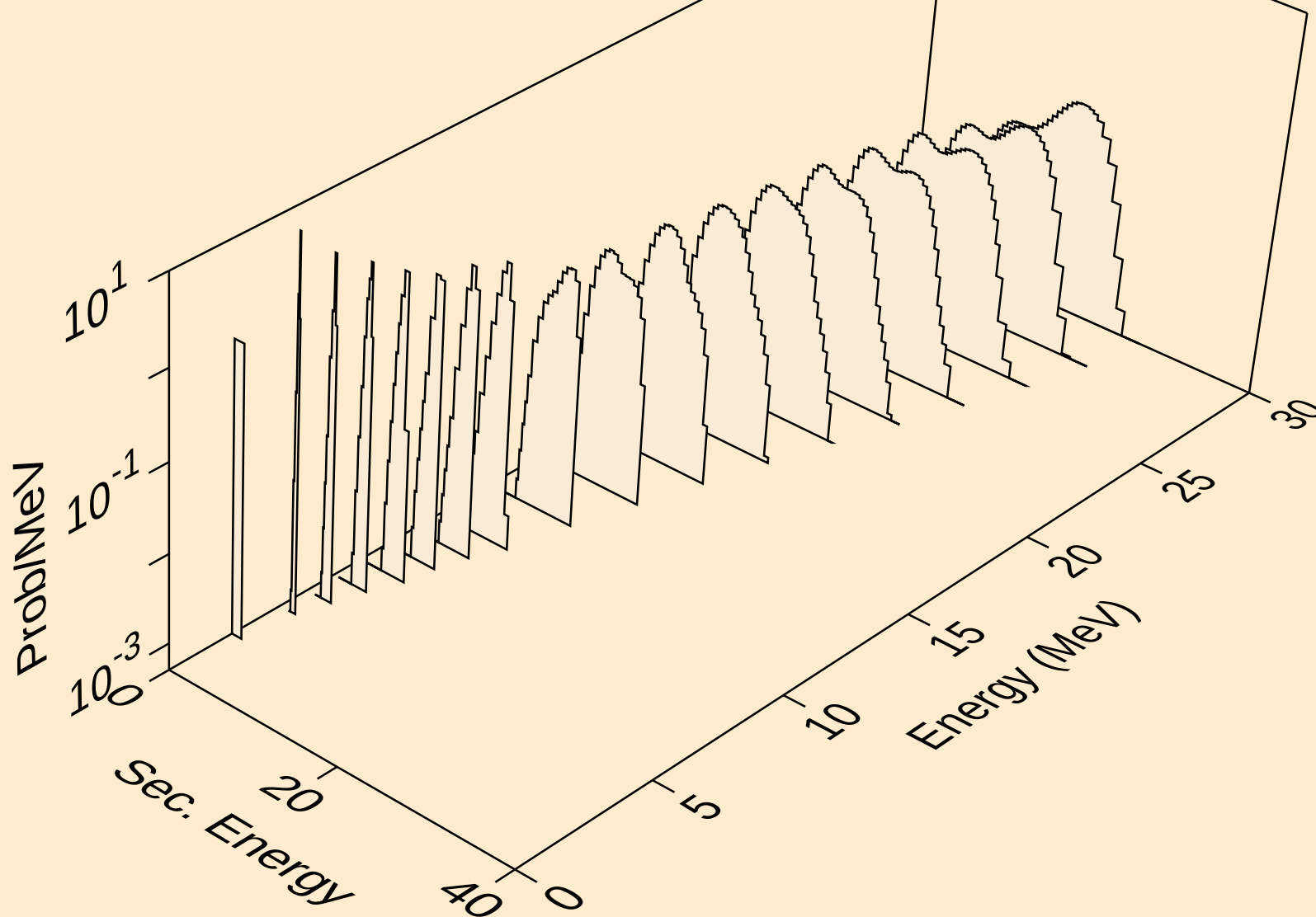
HG190 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (d,npa)



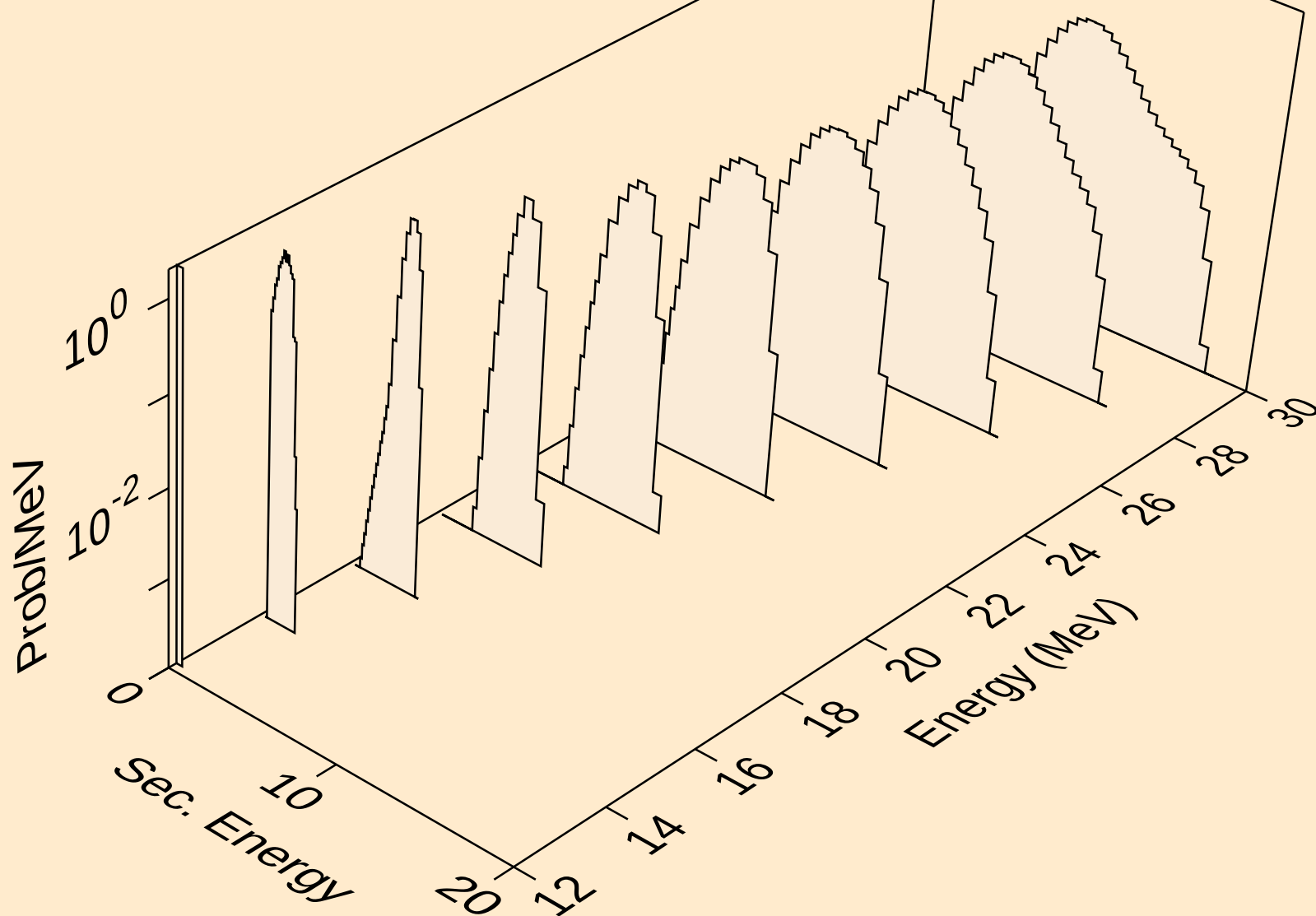
HG190 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (d,x)



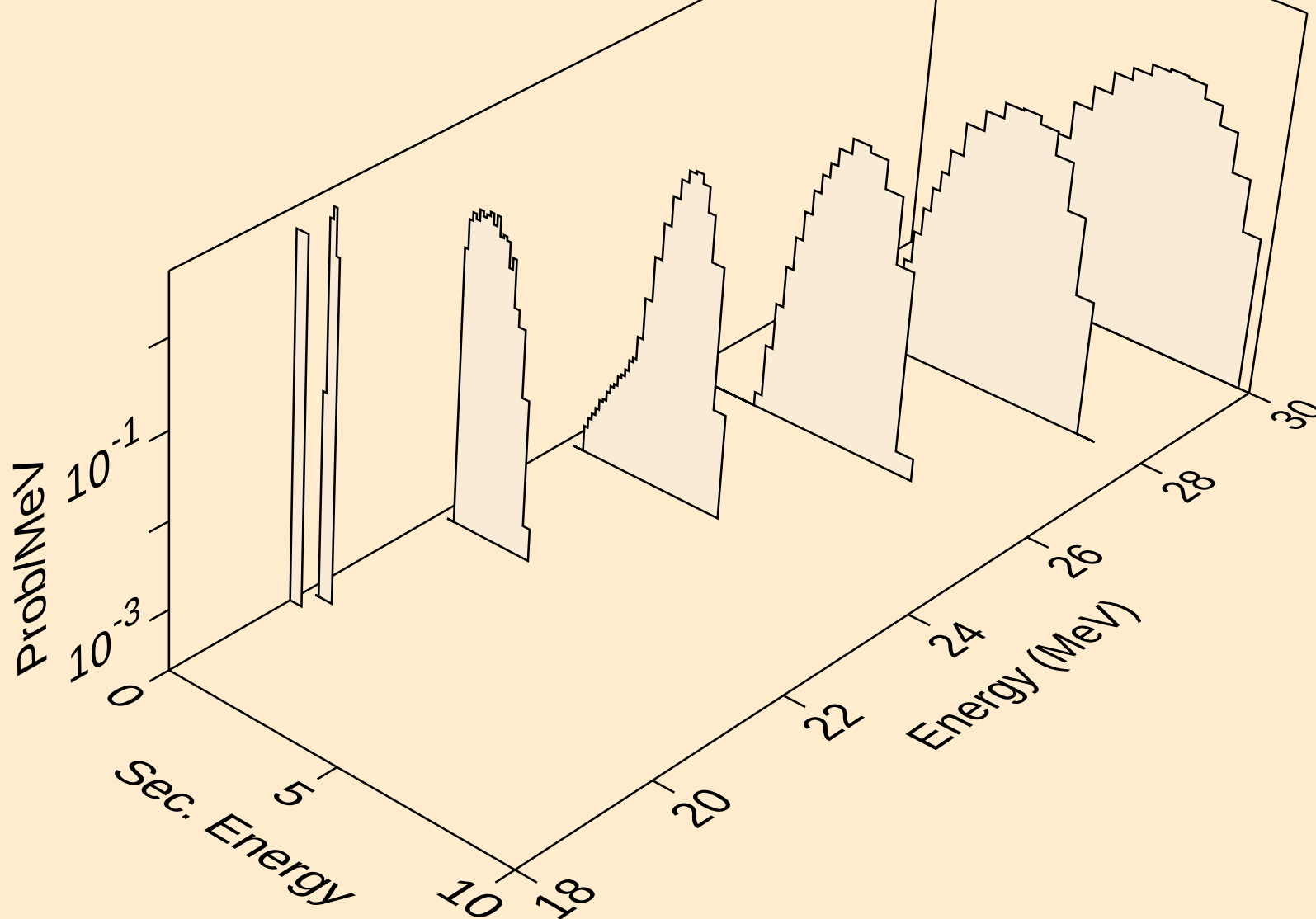
HG190 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (d,n\*)p



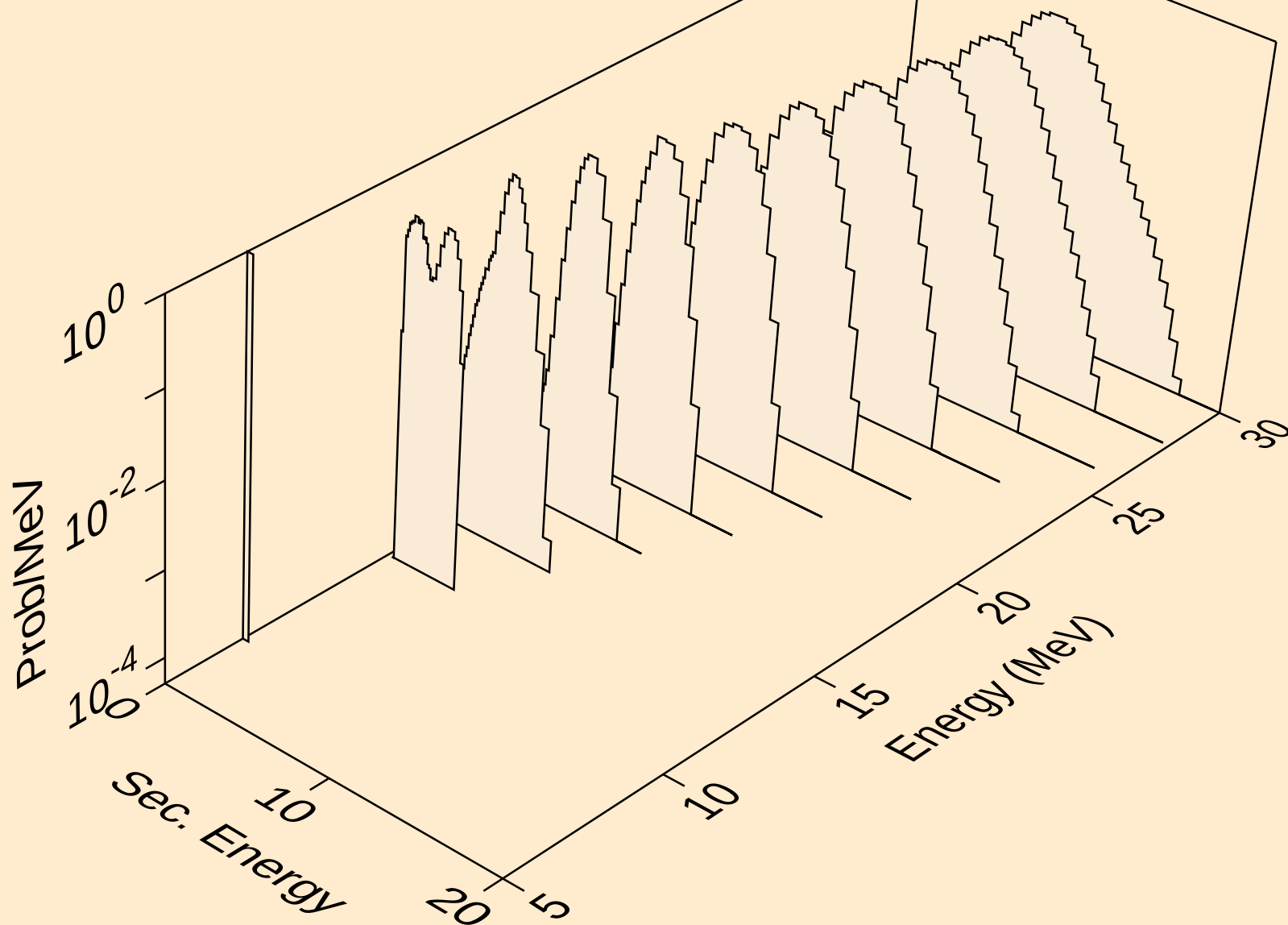
HG190 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (d,2np)



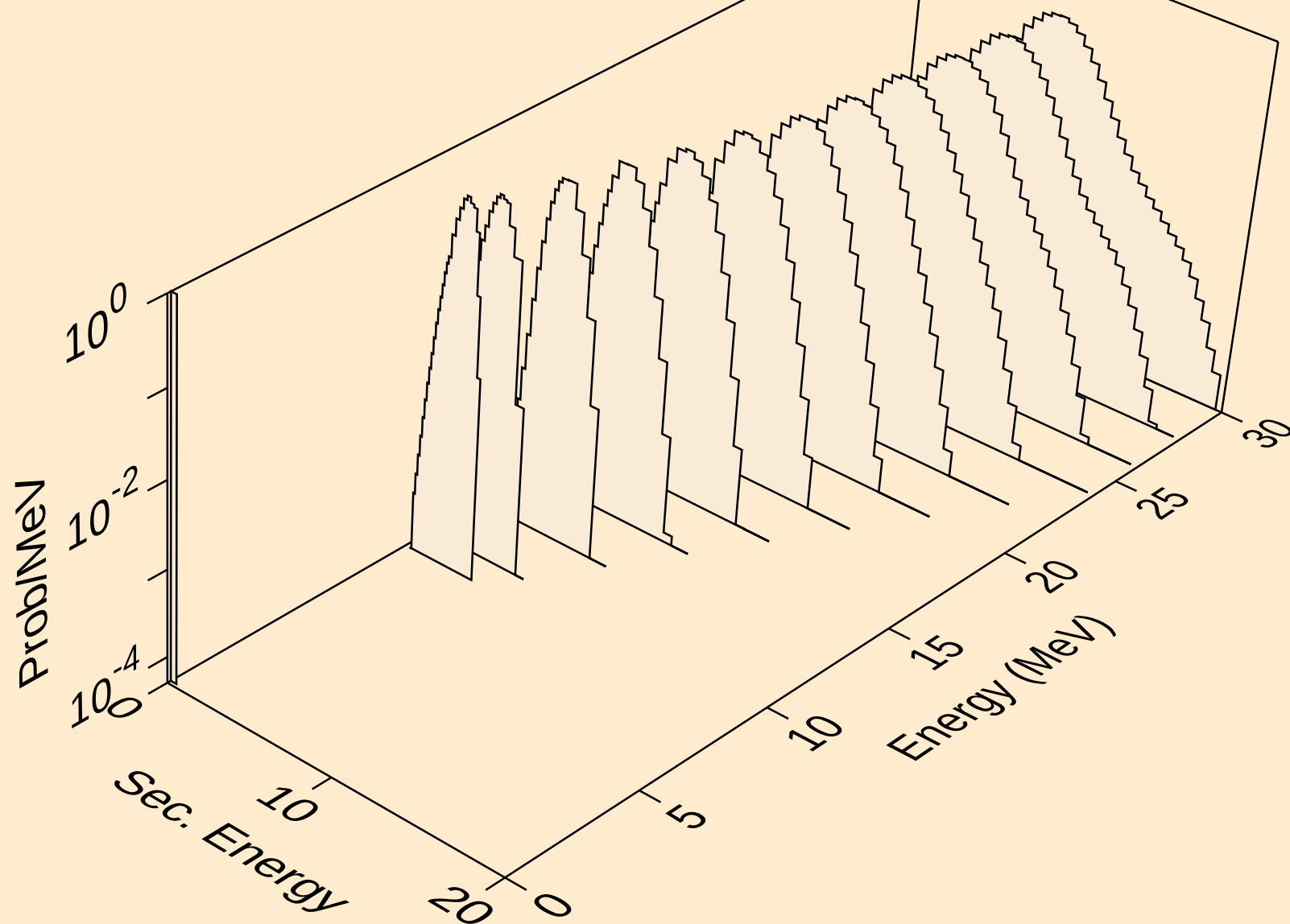
HG190 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (d,3np)



HG190 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (d,n2p)

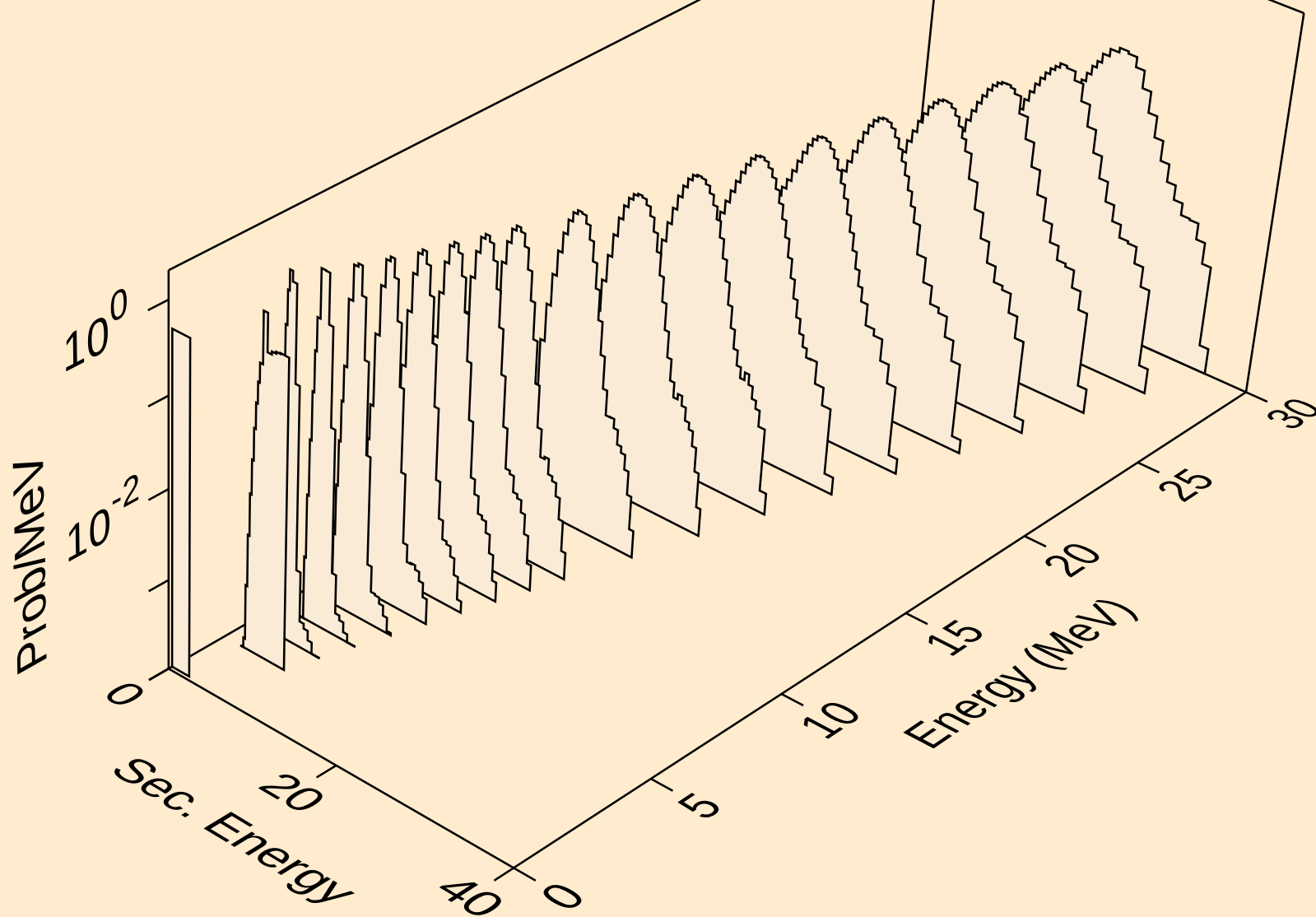


HG190 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (d,npa)

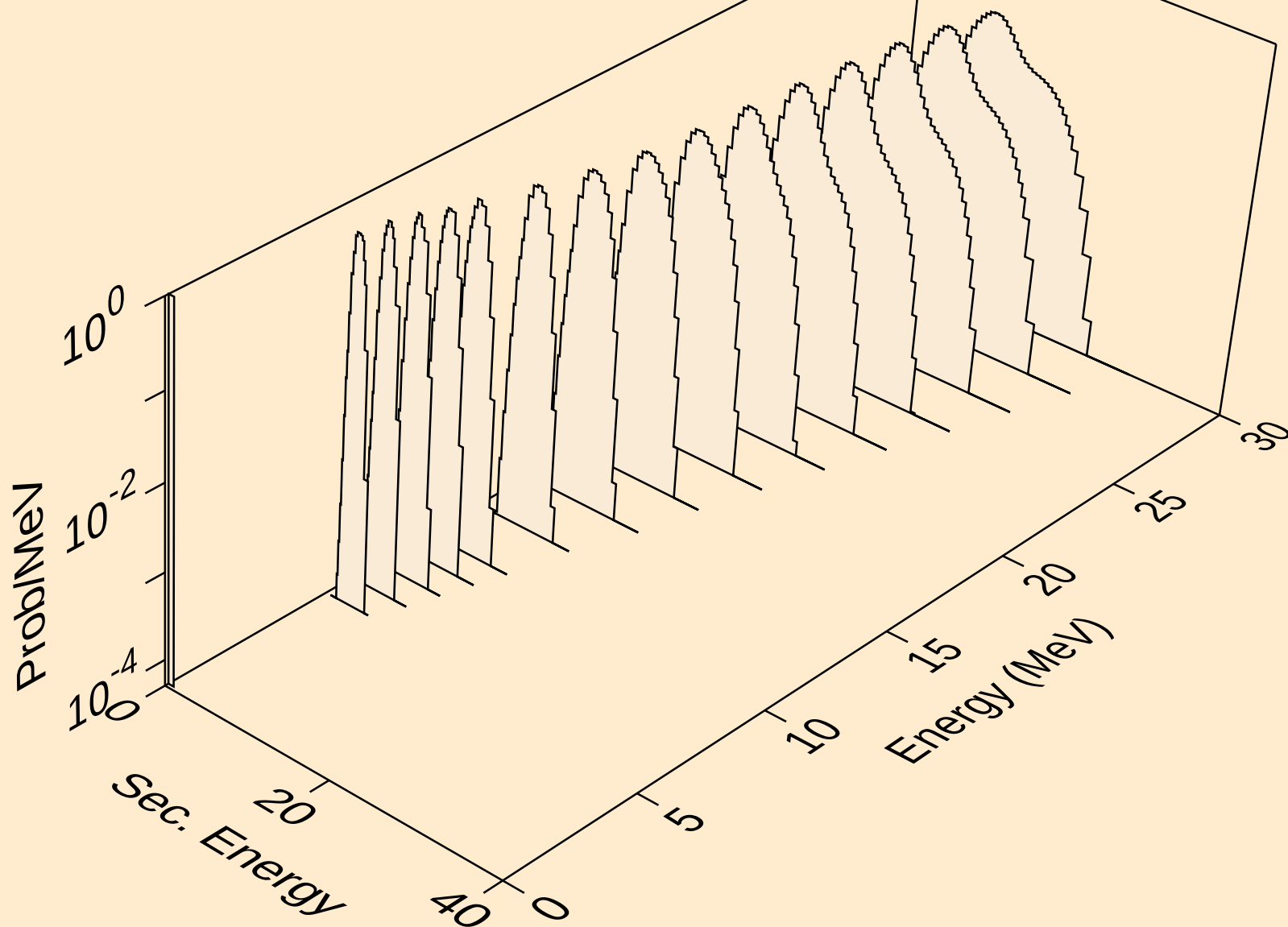




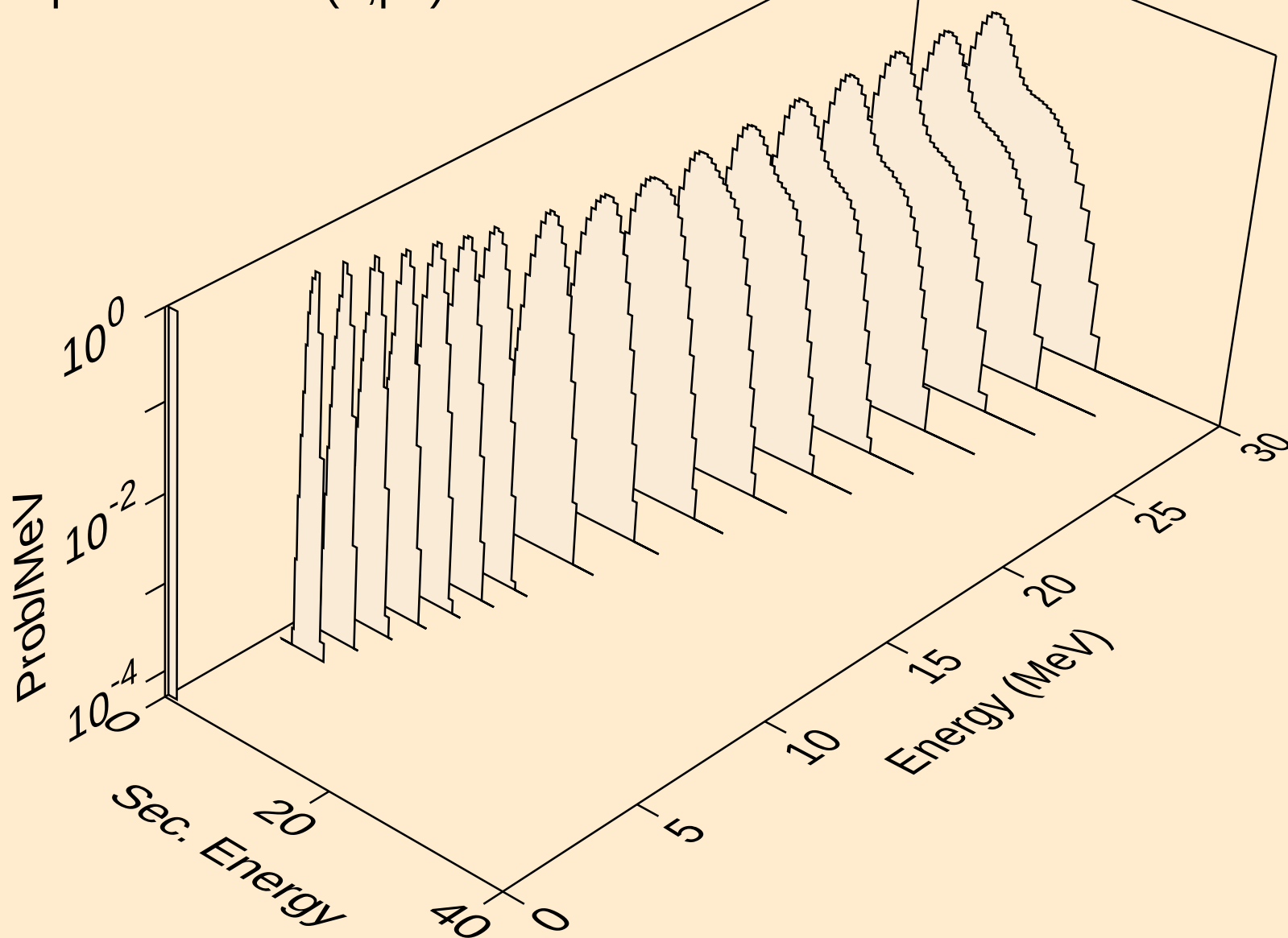
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protons from (d,p)



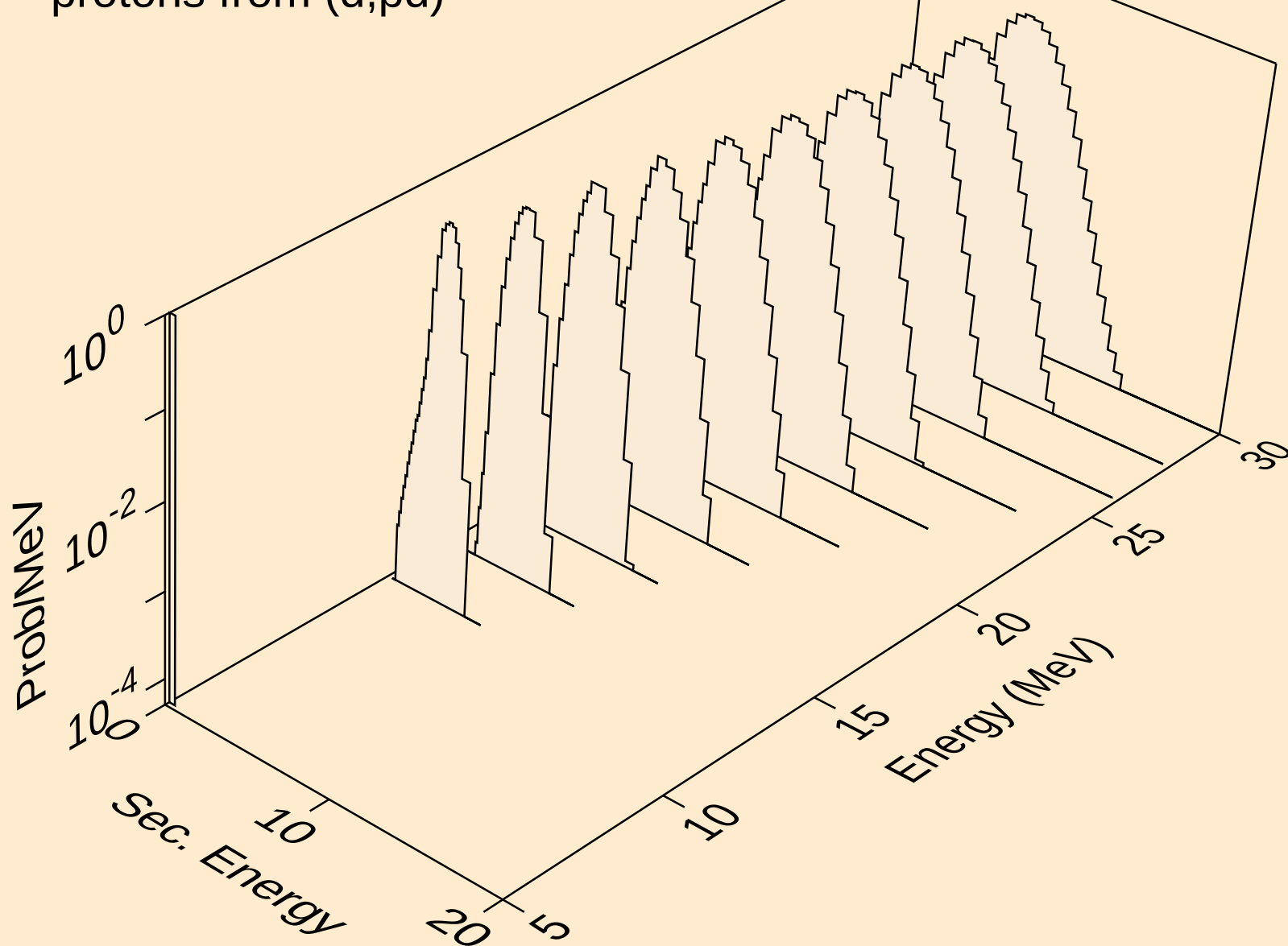
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protons from (d,2p)



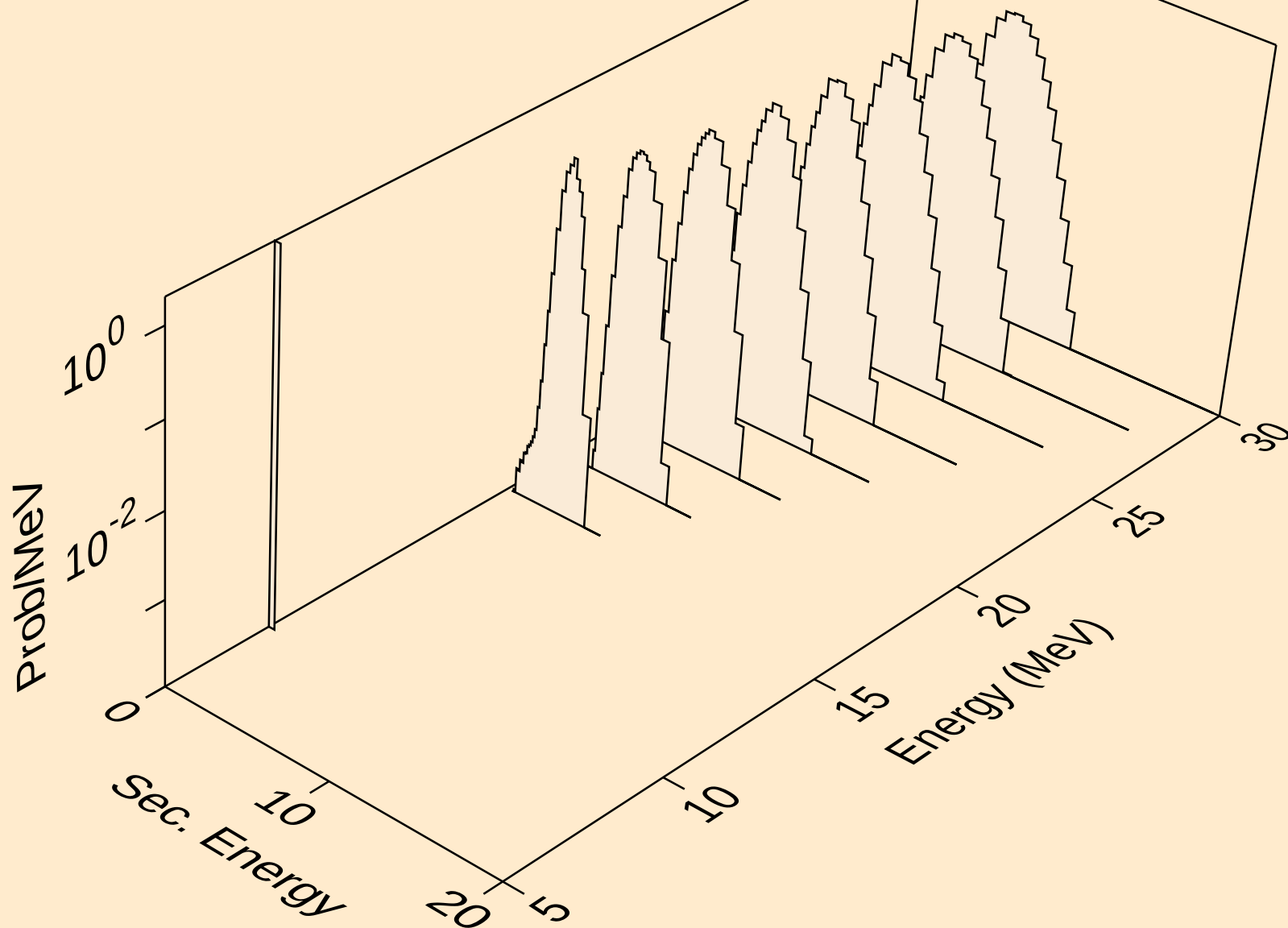
HG190 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (d,pa)



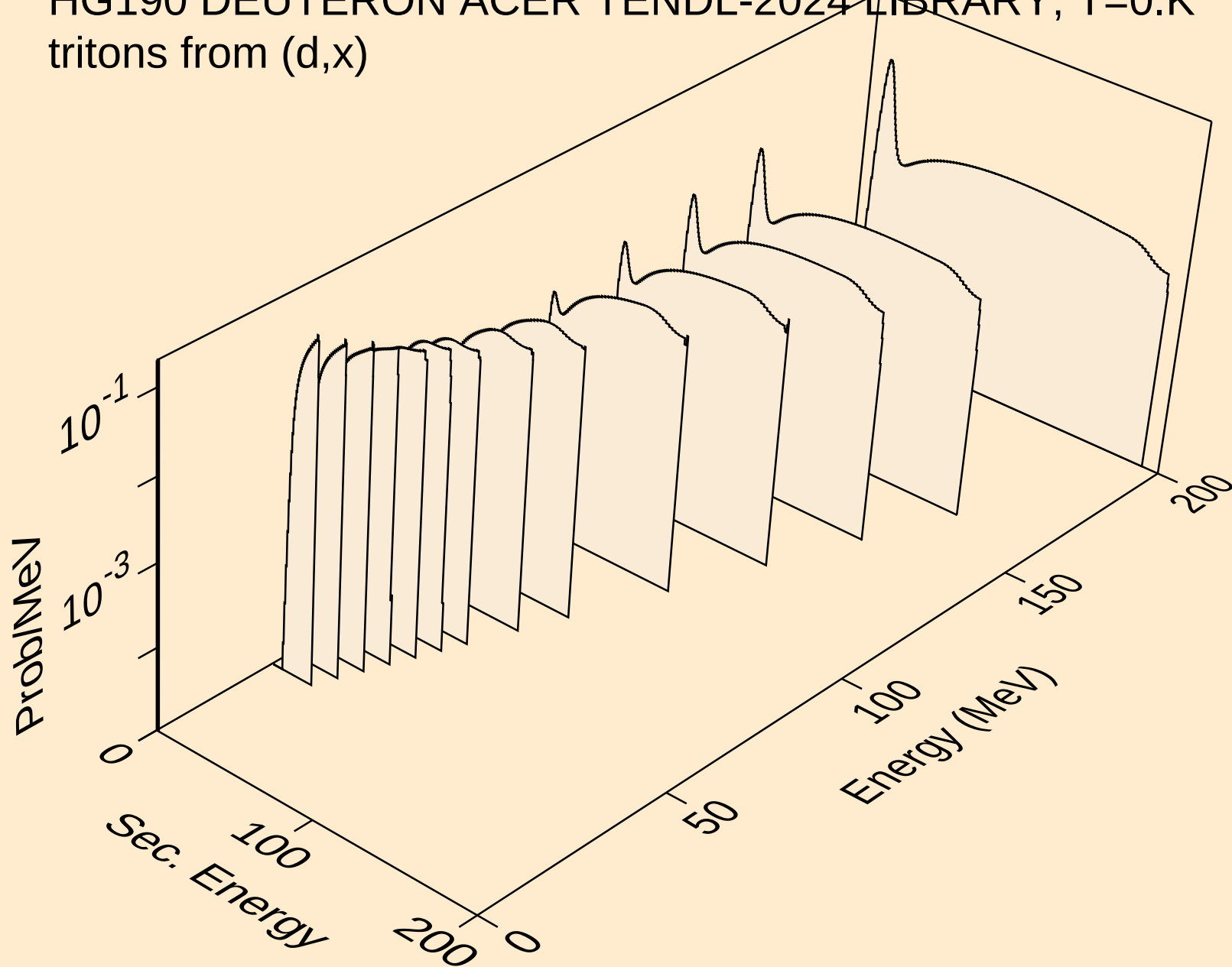
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protons from (d,pd)



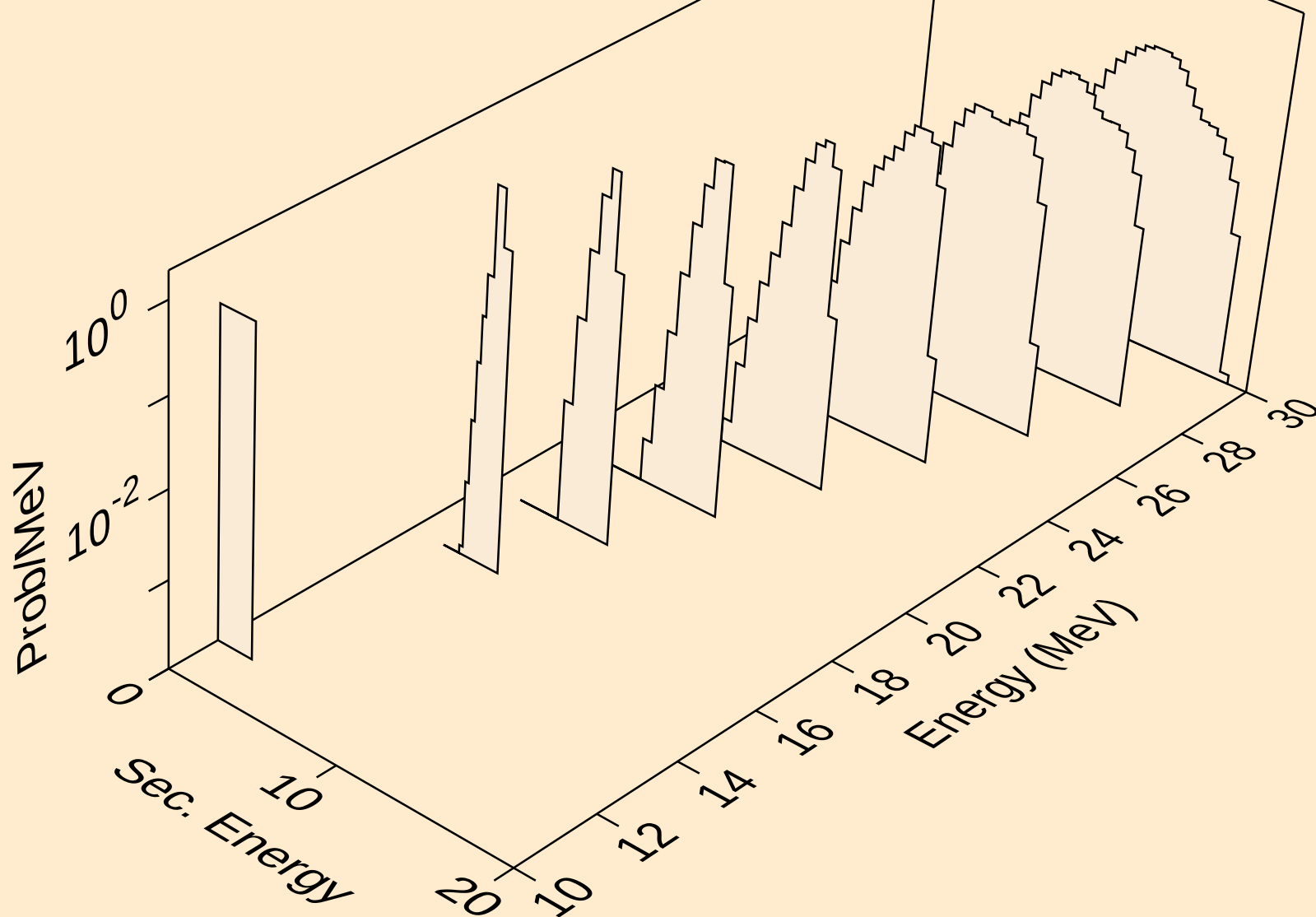
HG190 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (d,pt)



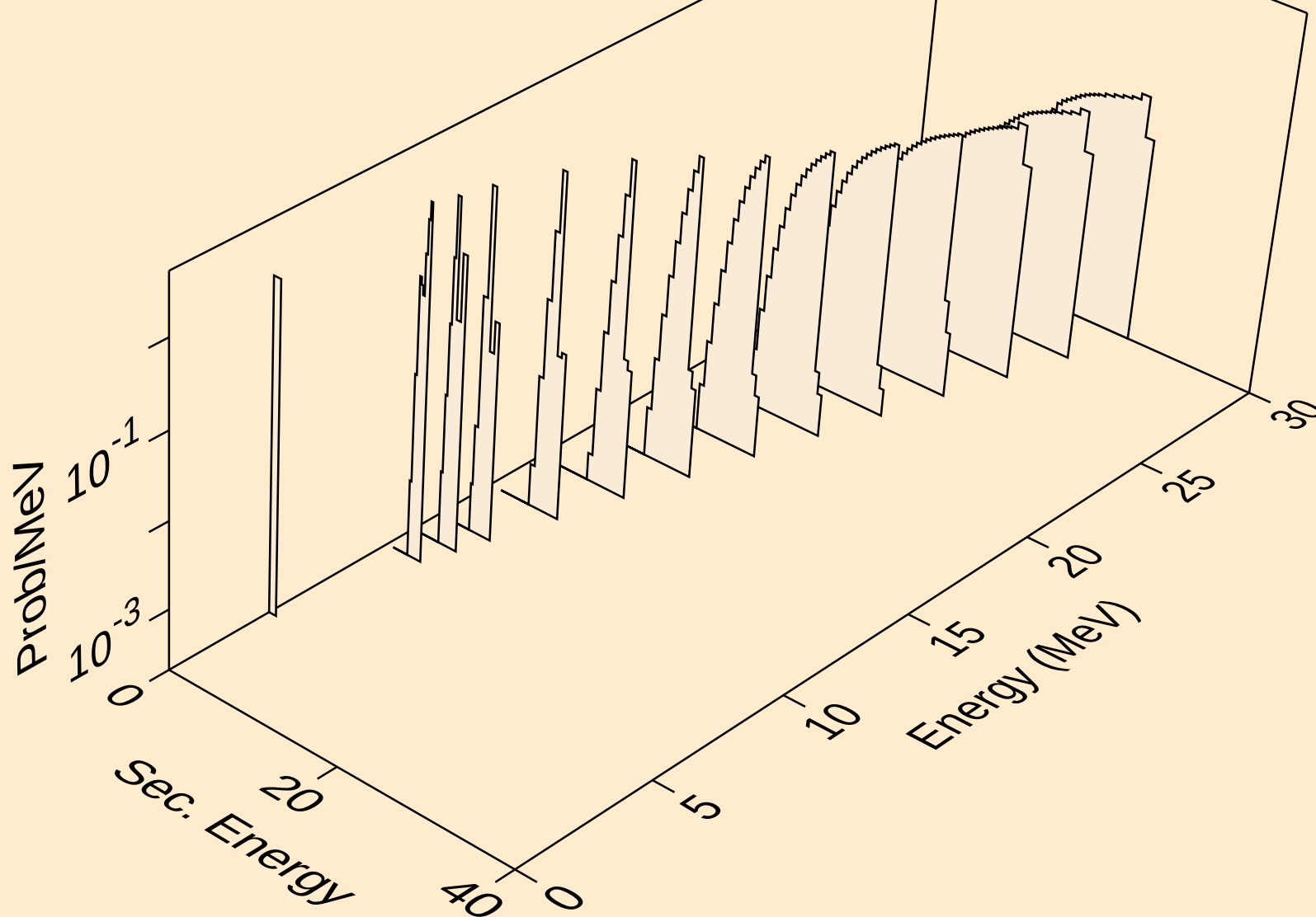
HG190 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (d,x)



HG190 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (d,n\*)t

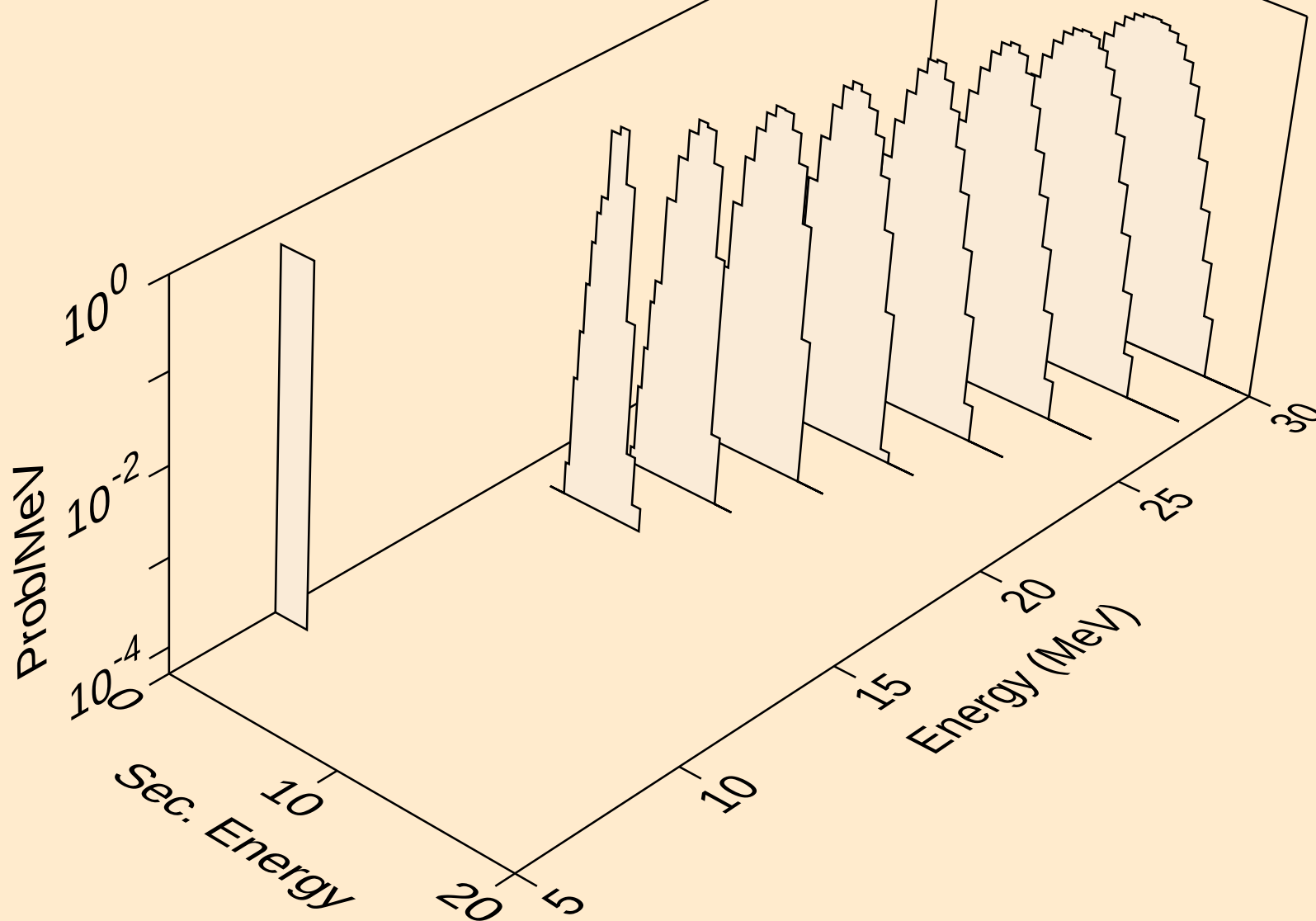


HG190 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (d,t)

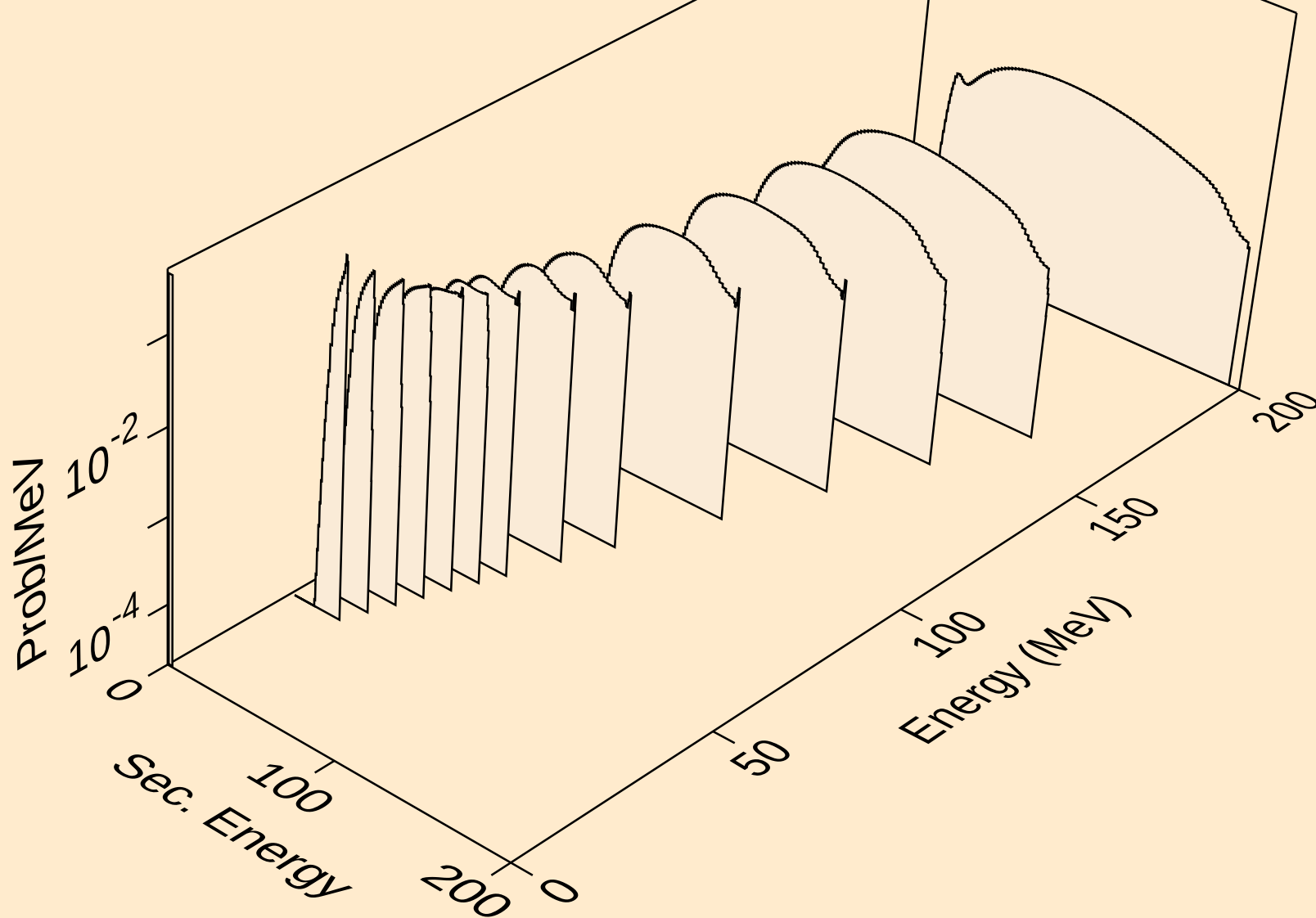




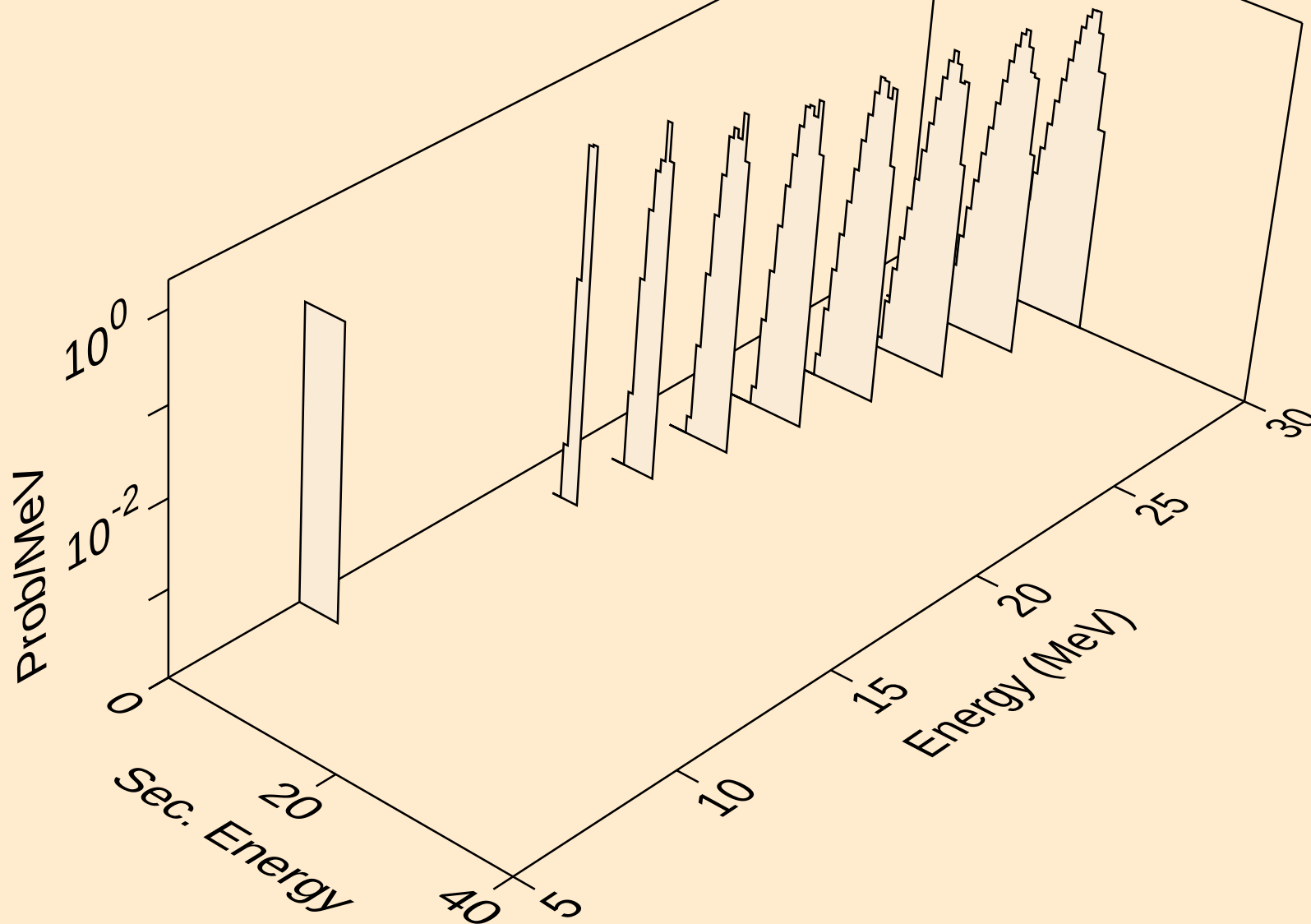
HG190 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (d,pt)



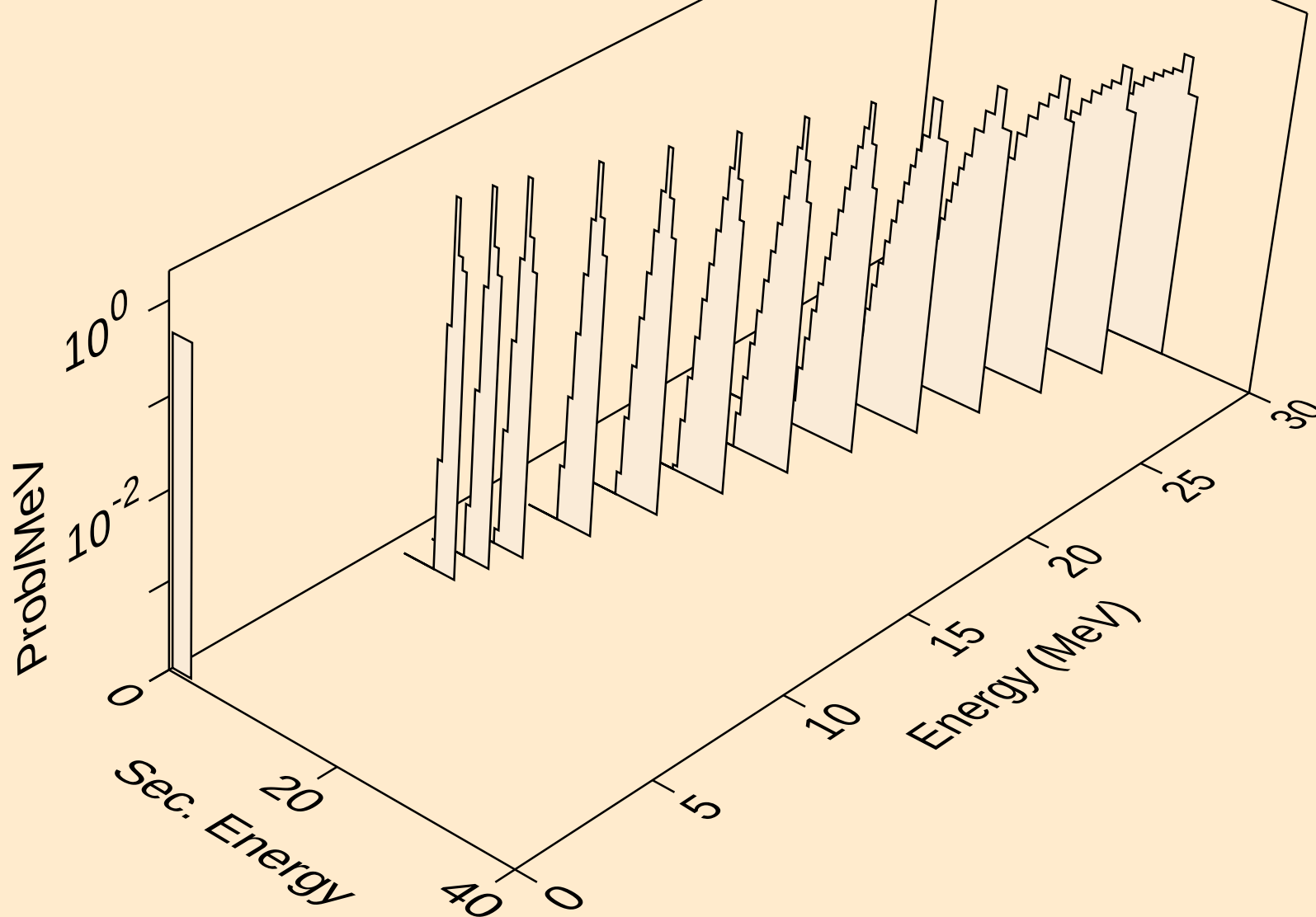
HG190 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (d,x)



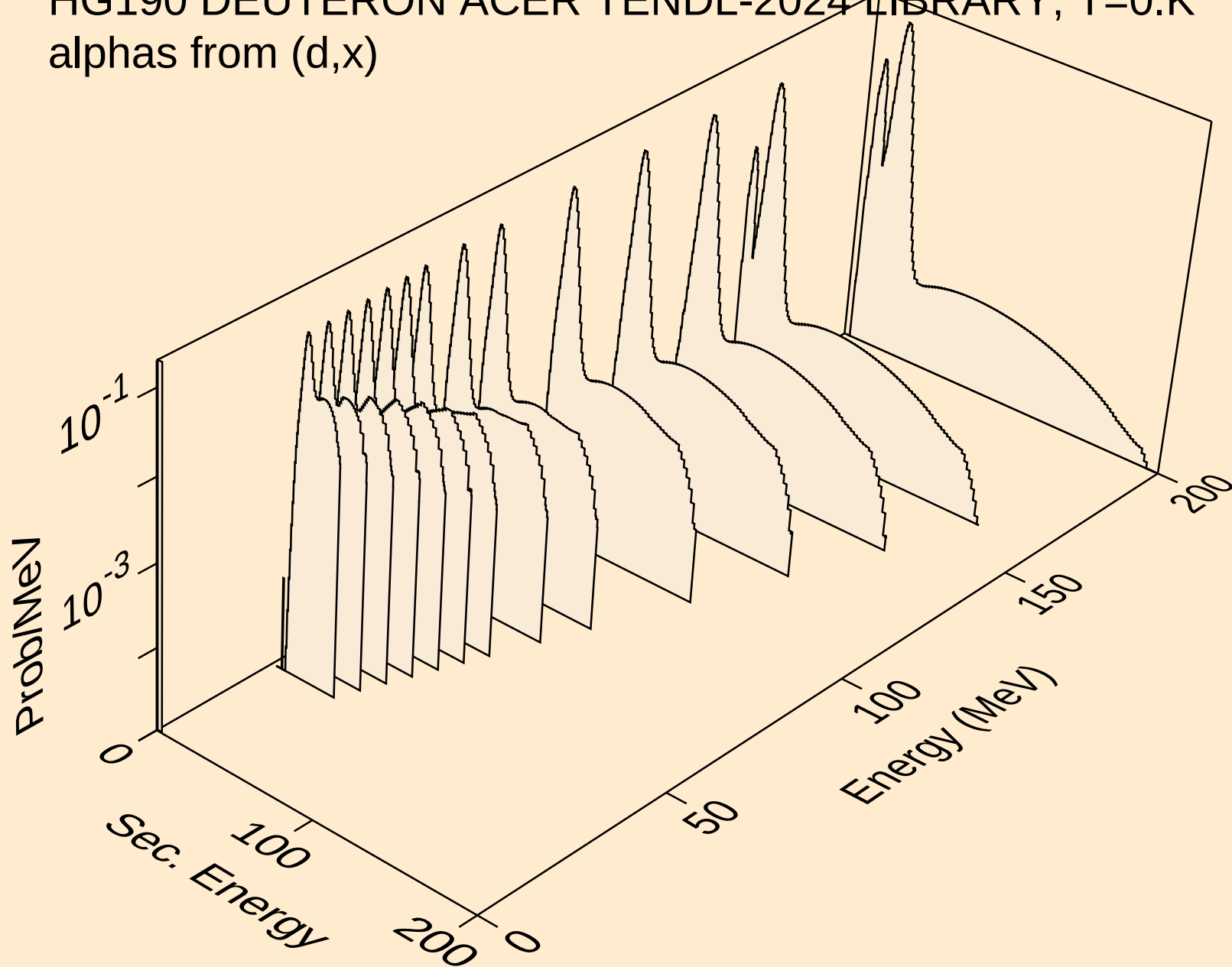
HG190 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (d,n\*)he3



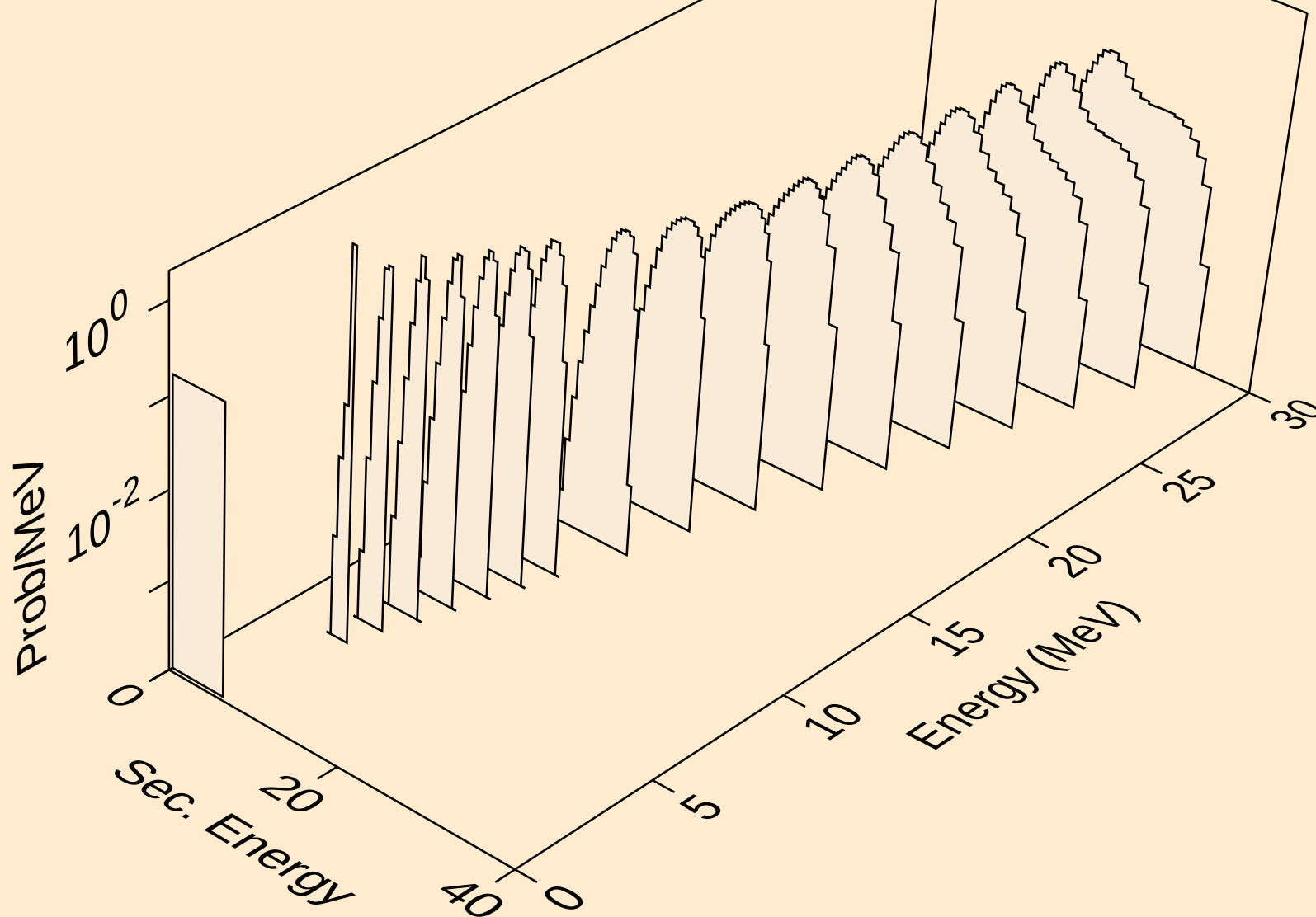
HG190 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (d,he3)



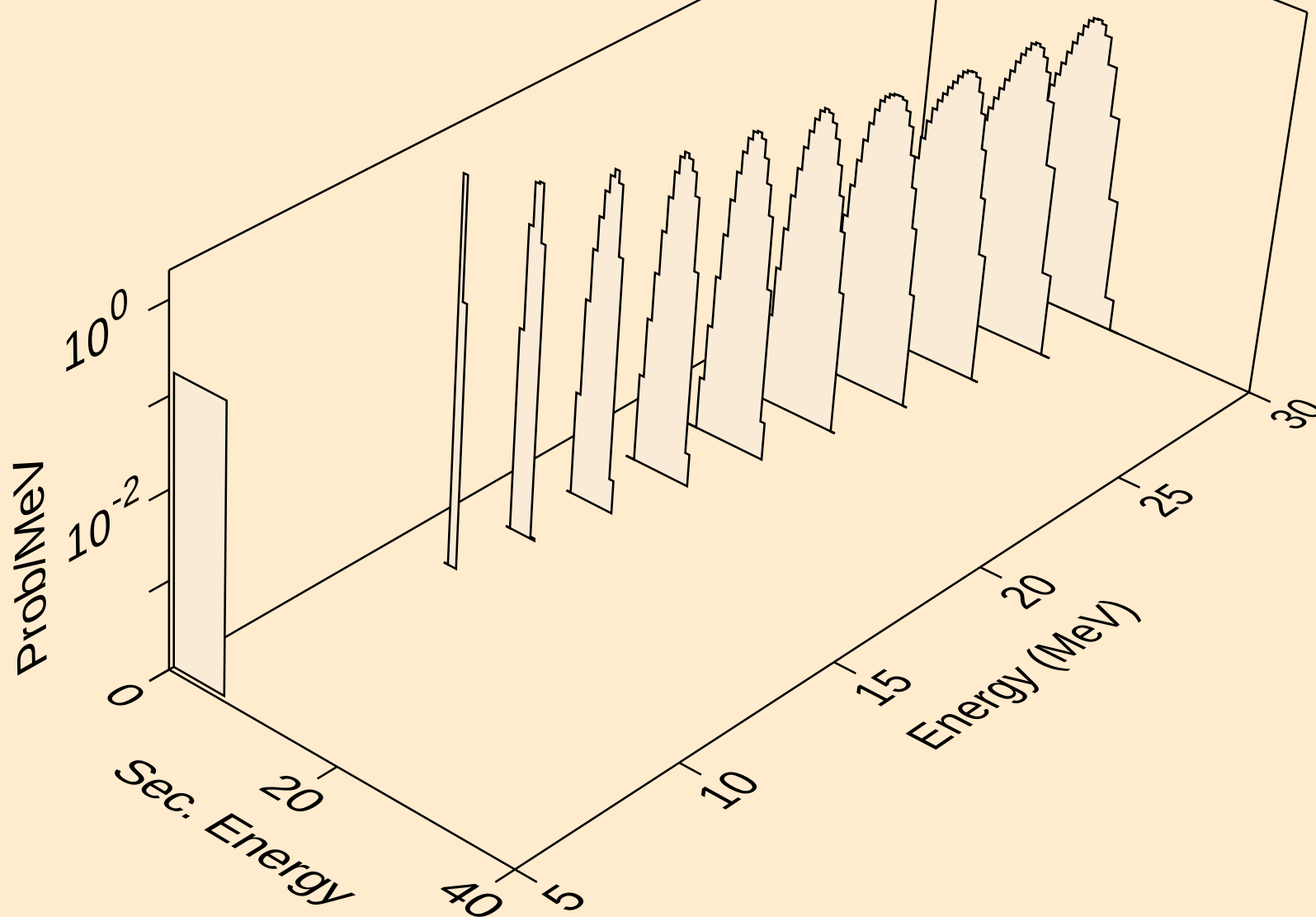
HG190 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (d,x)



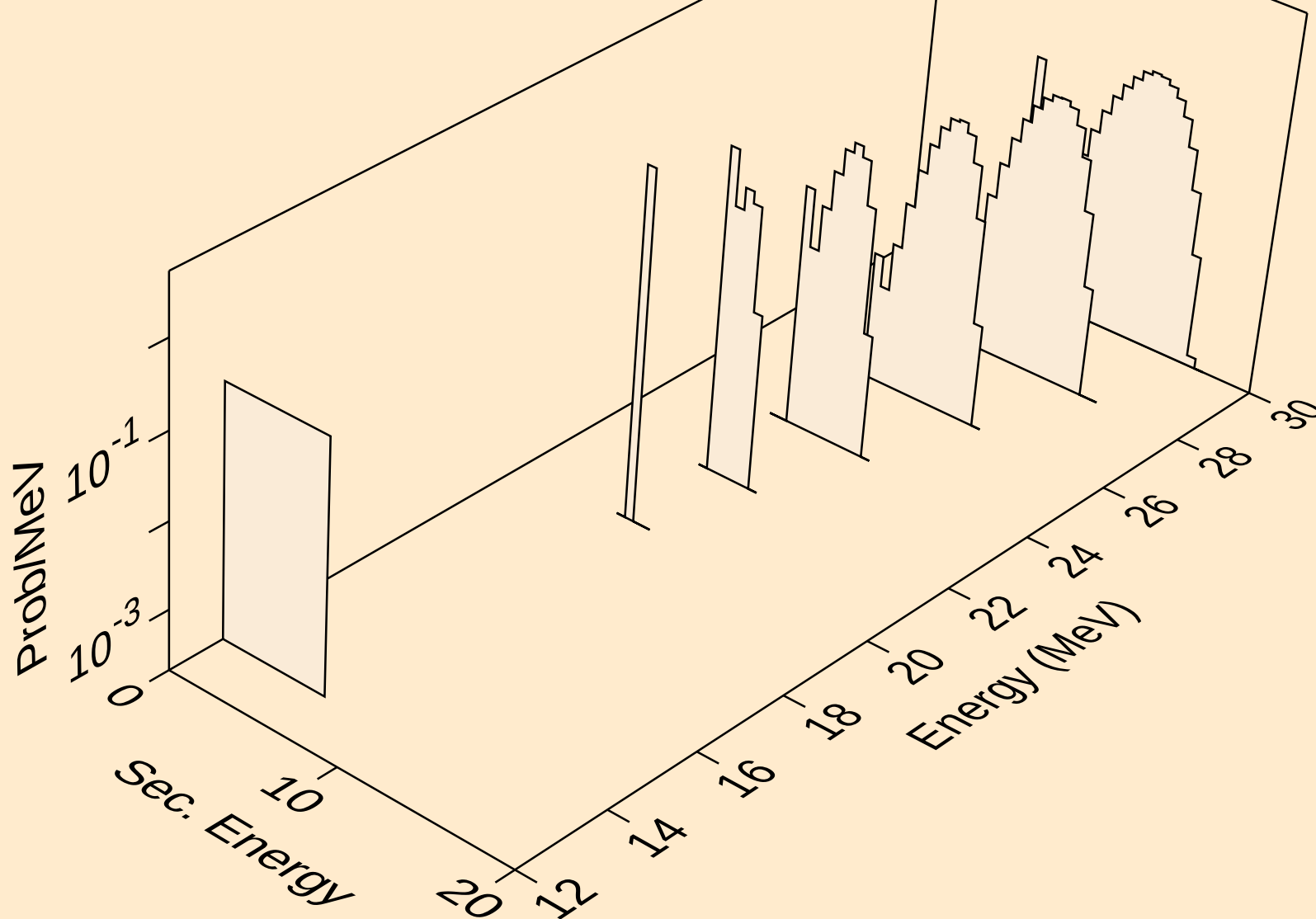
HG190 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (d,n\*)a



HG190 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (d,2n)a

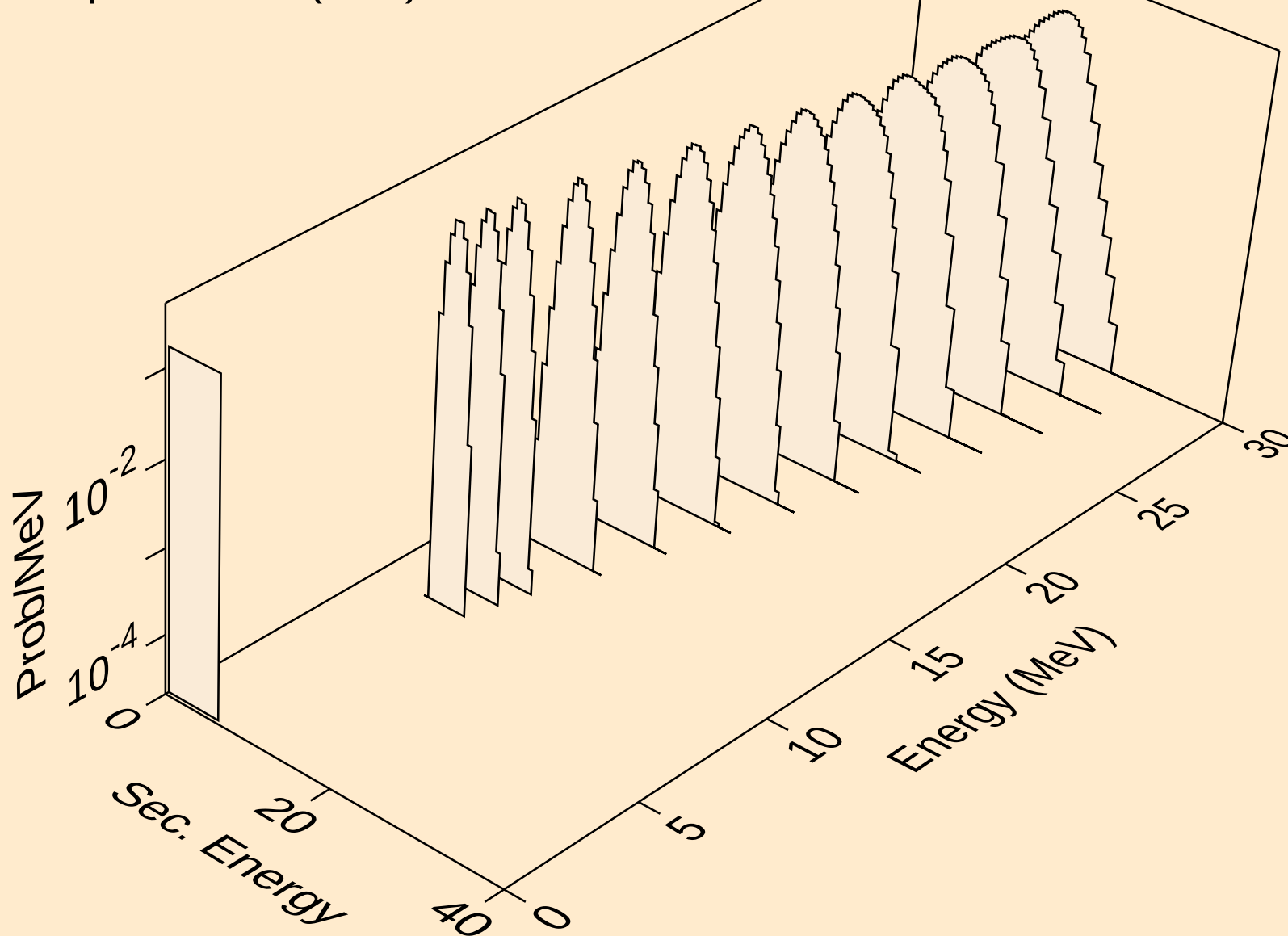


HG190 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (d,3n)a

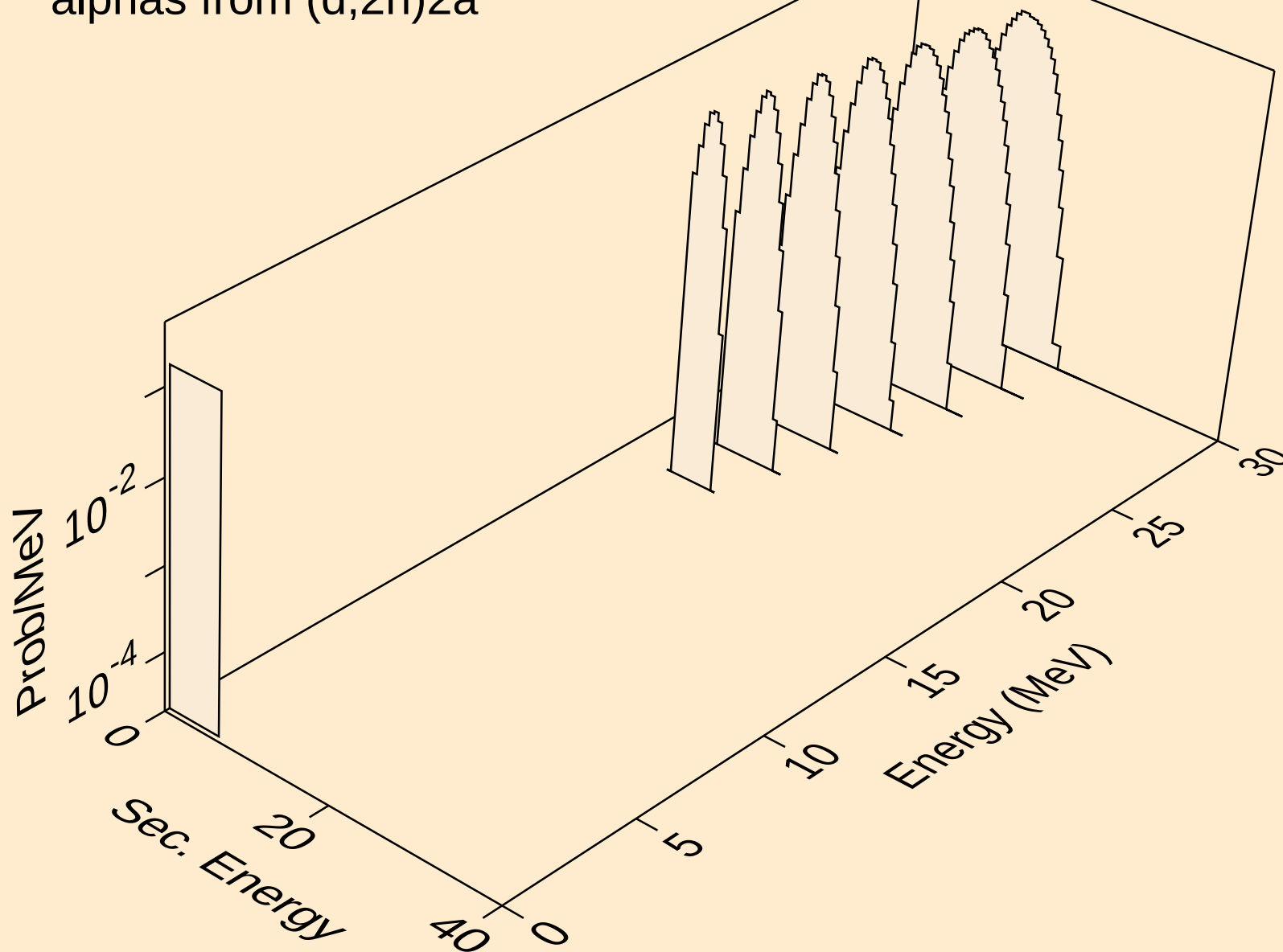




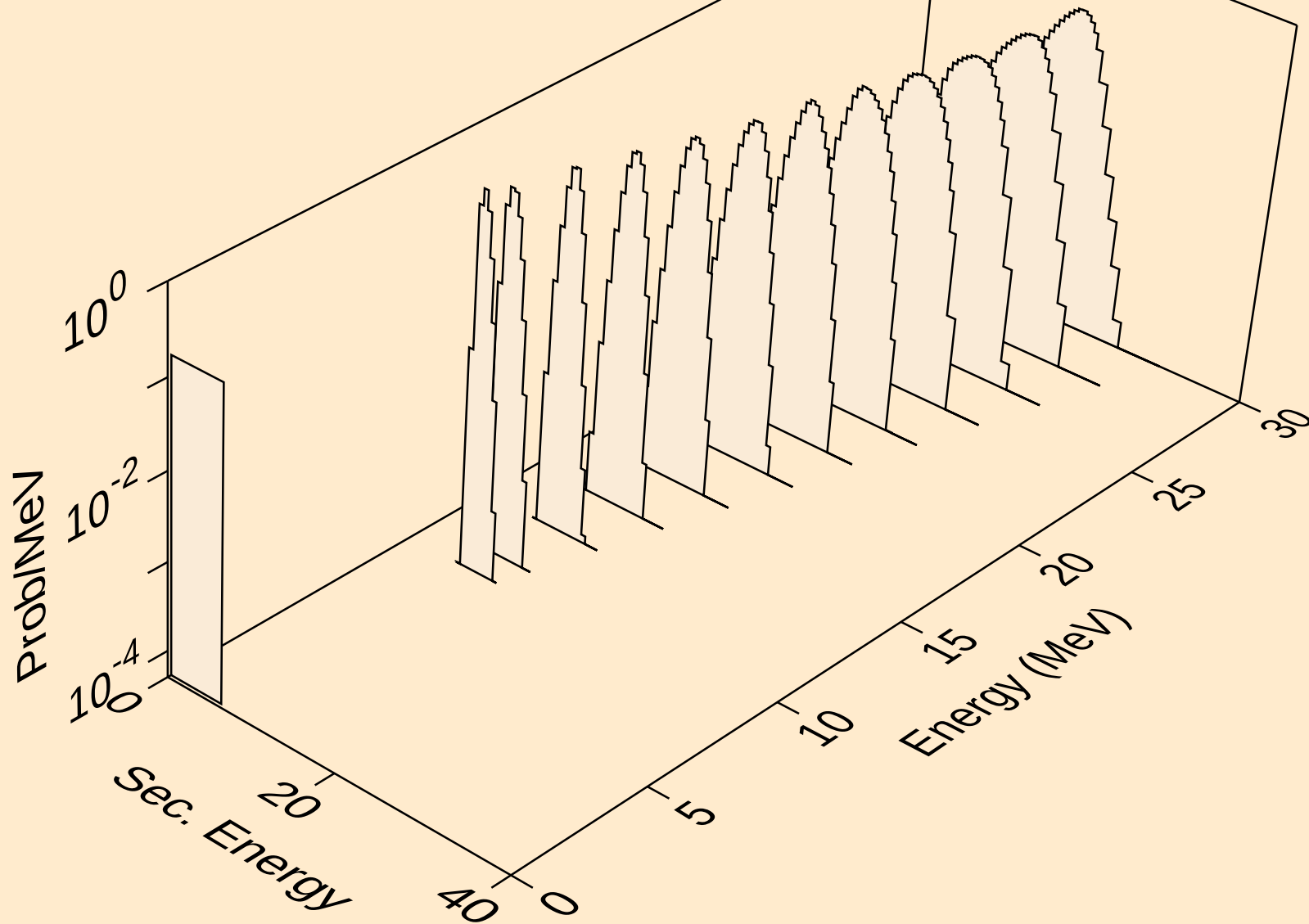
HG190 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (d,n\*)2a



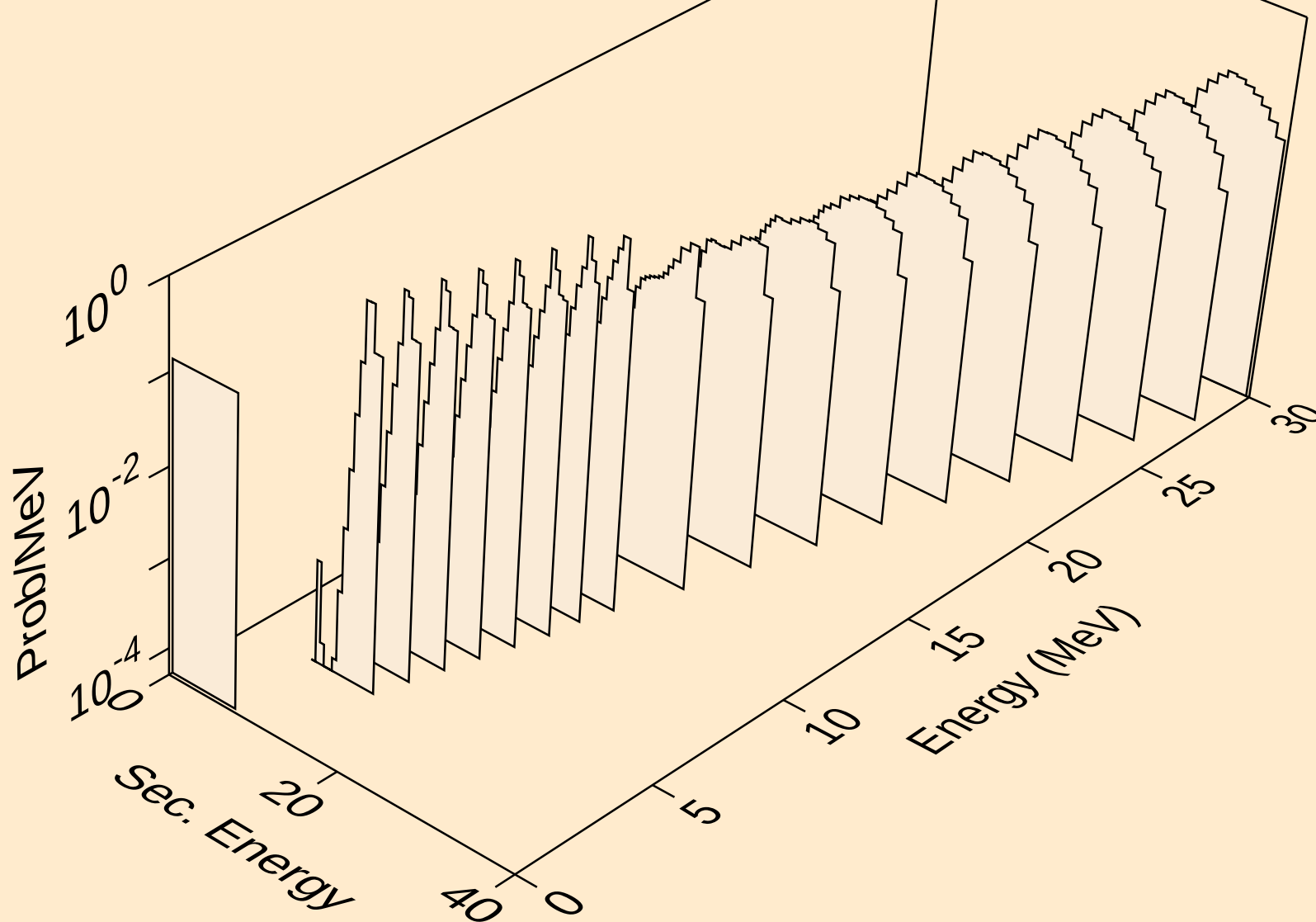
HG190 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (d,2n)2a



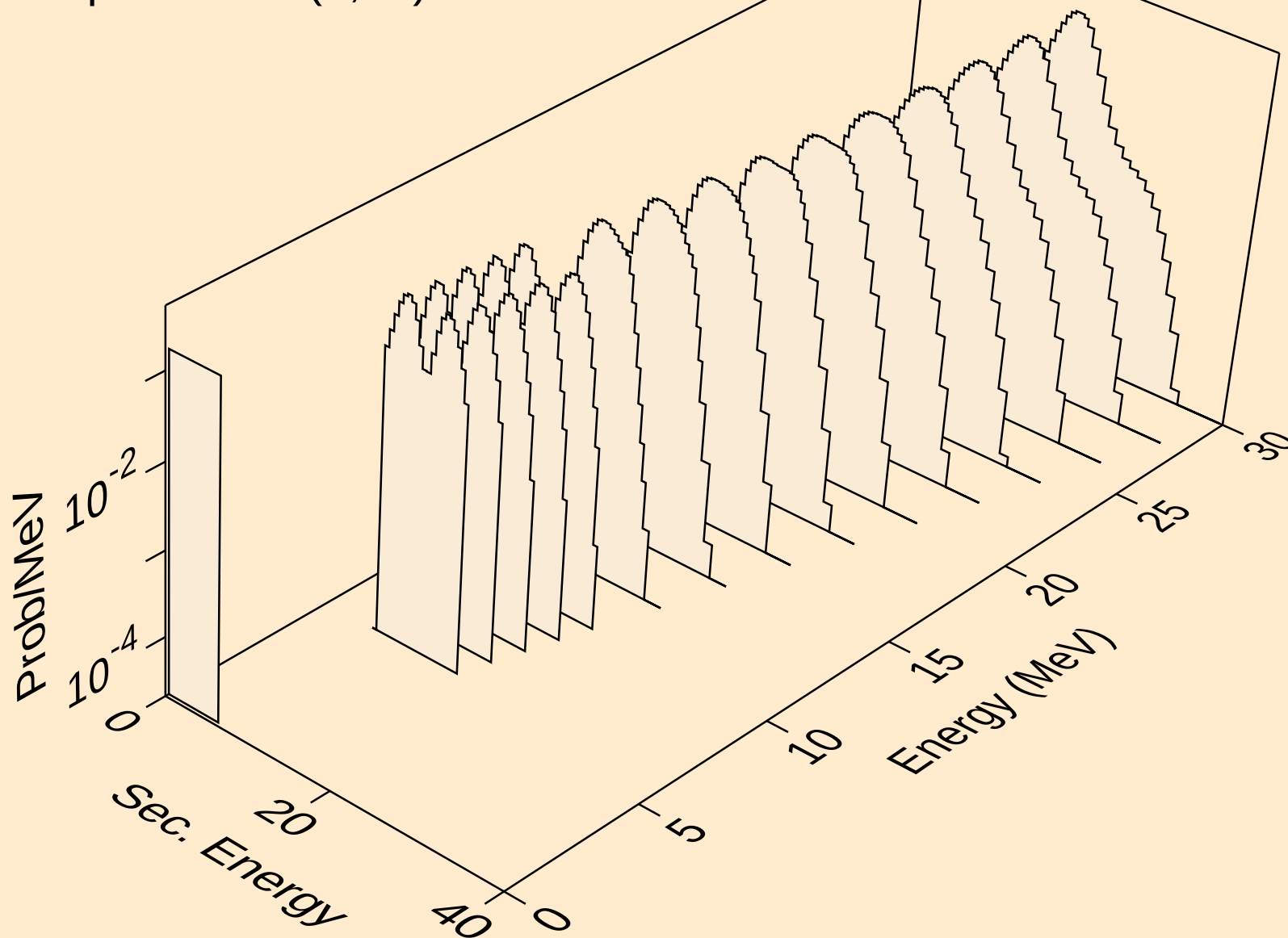
HG190 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (d,npa)



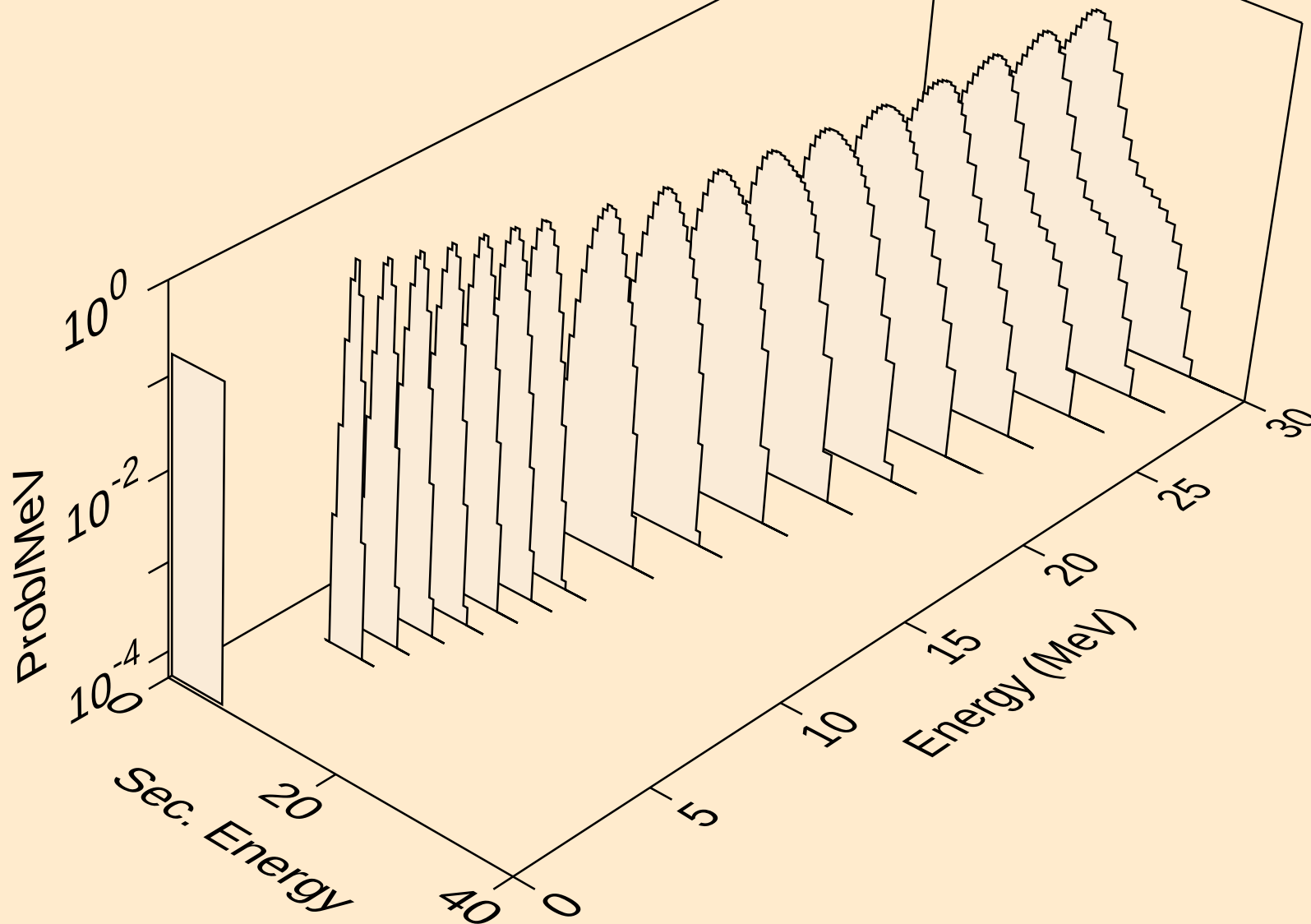
HG190 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (d,a)



HG190 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (d,2a)



HG190 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (d,pa)



HG190 DEUTERON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (d,da)

