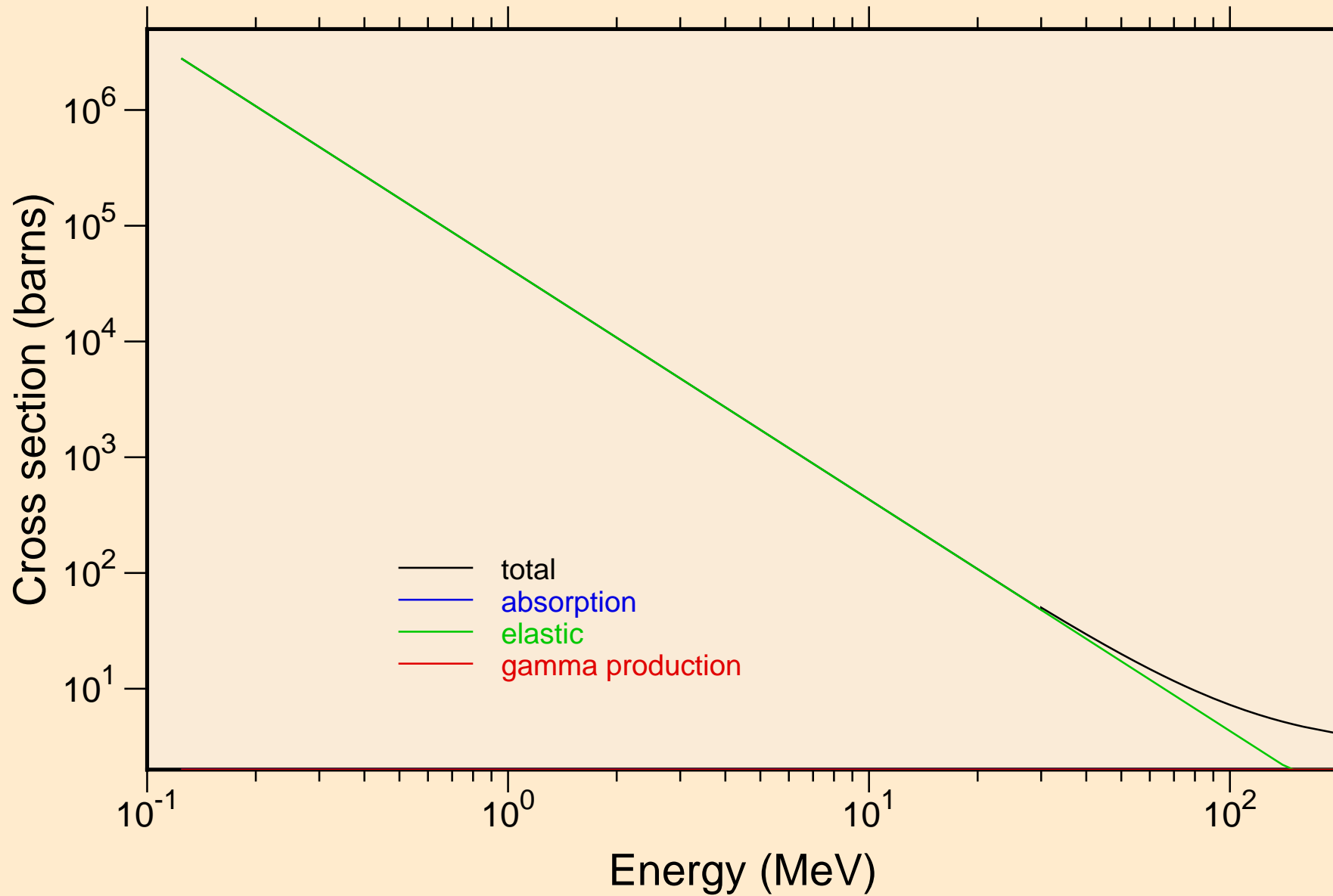
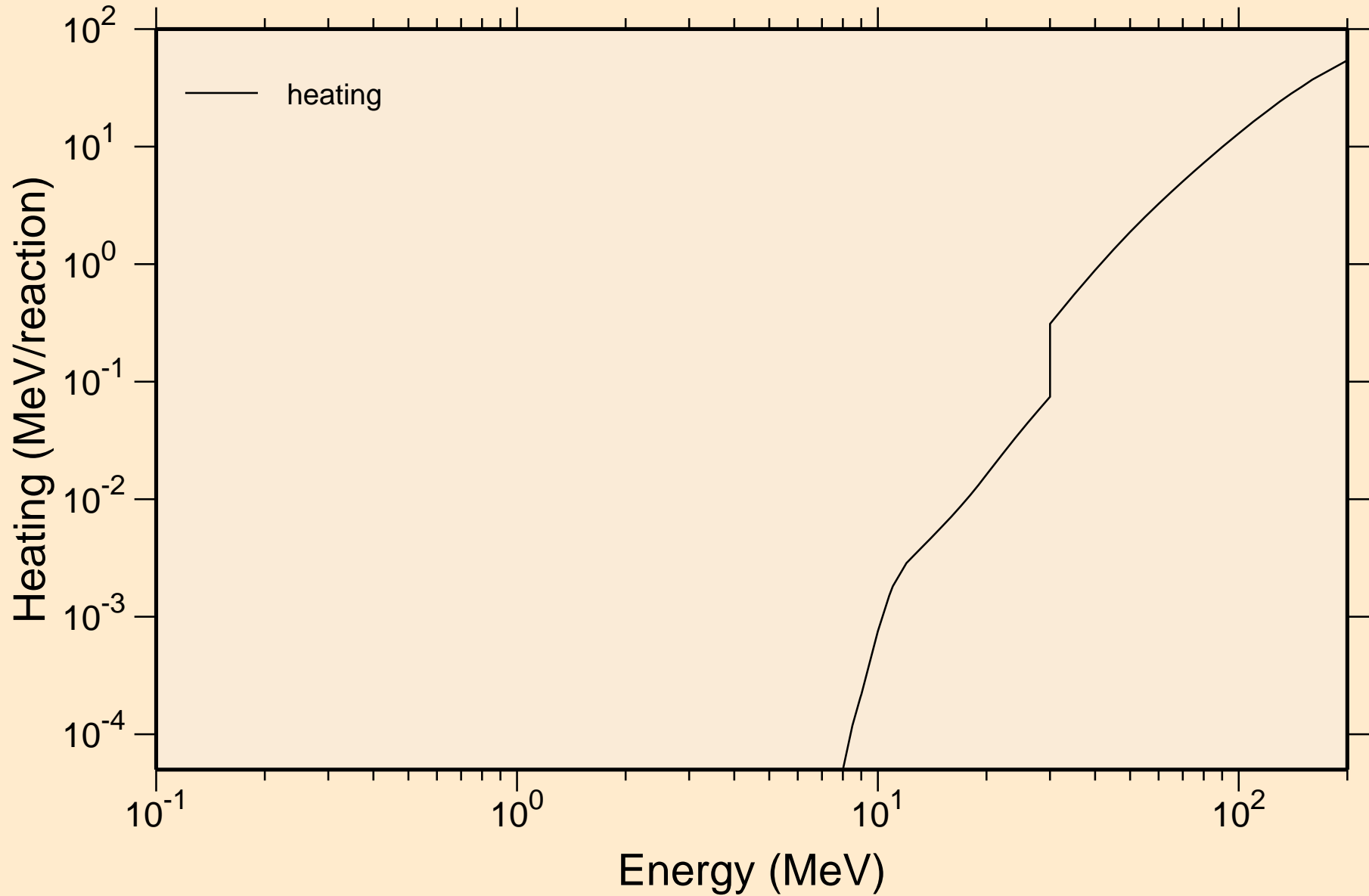


BI190M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections

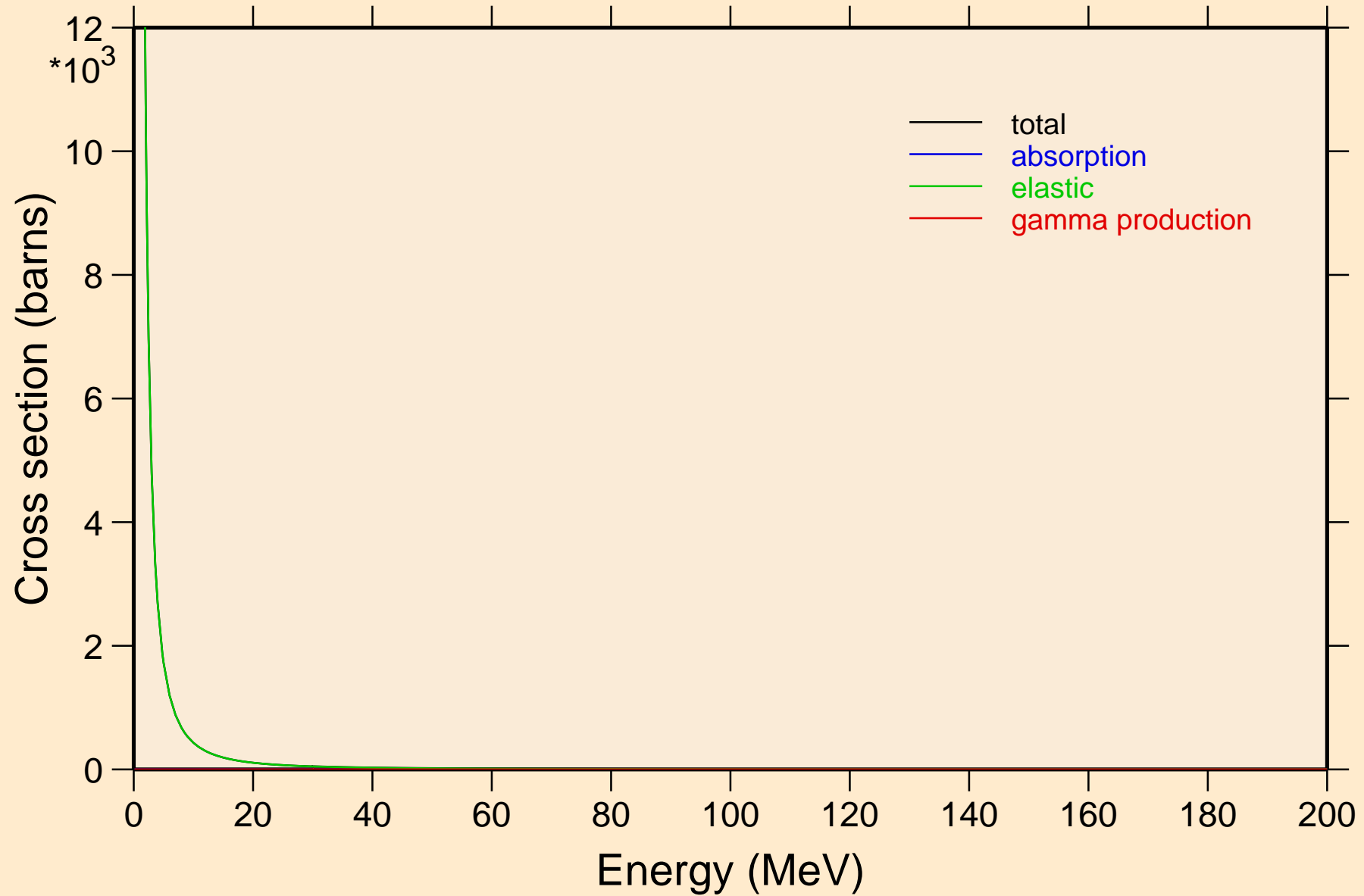


# BI190M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

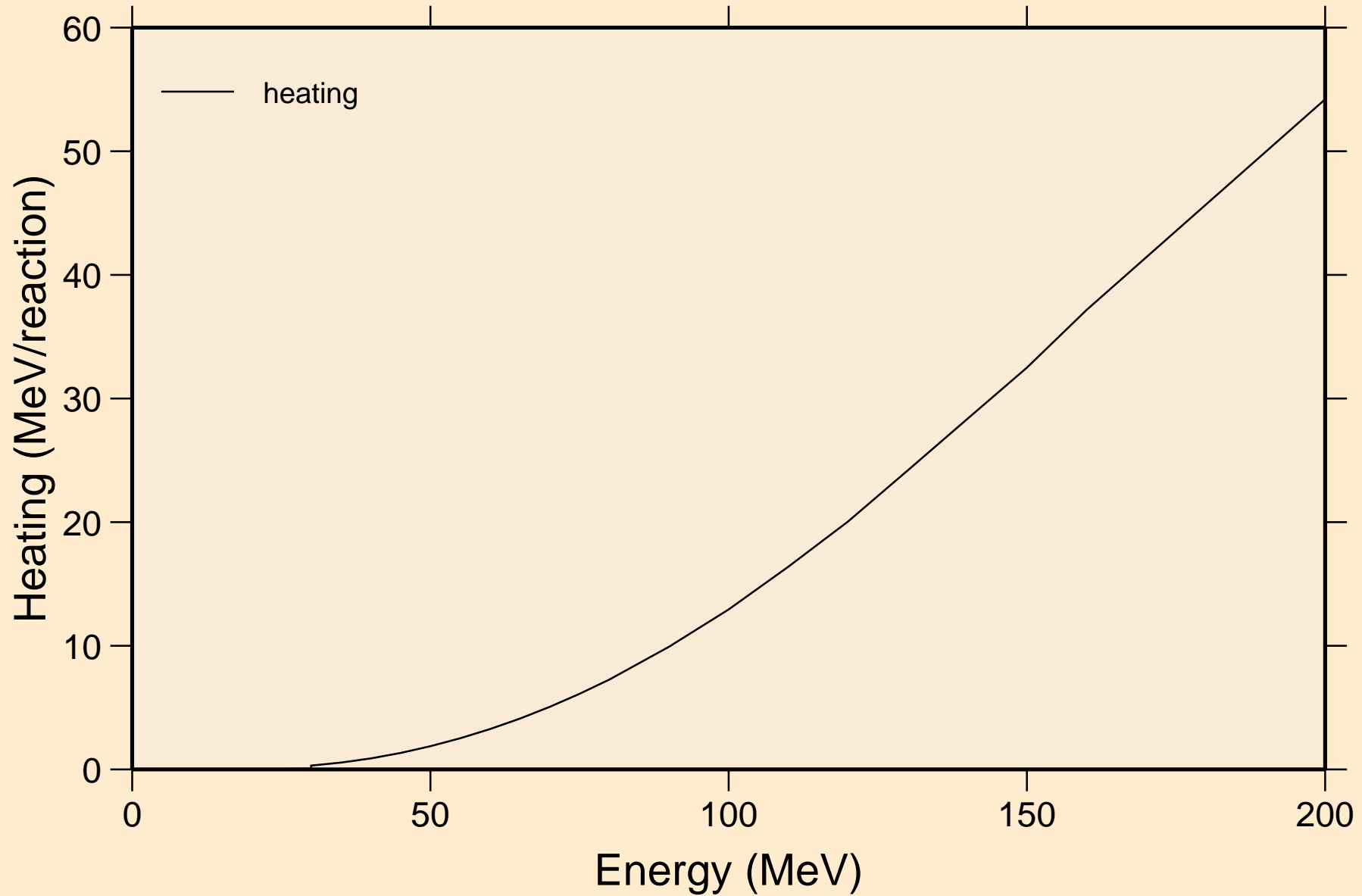


BI190M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



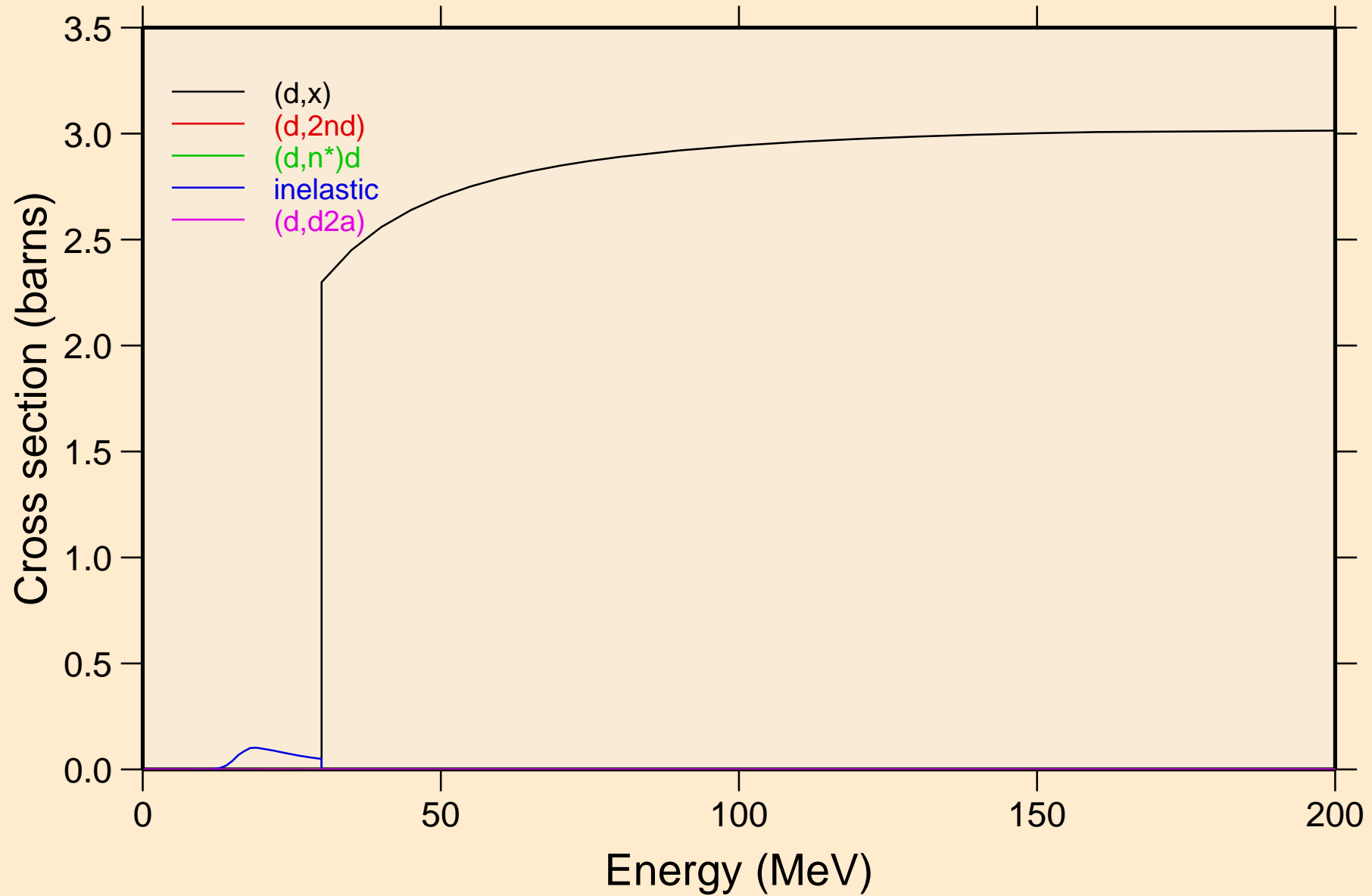
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## Heating

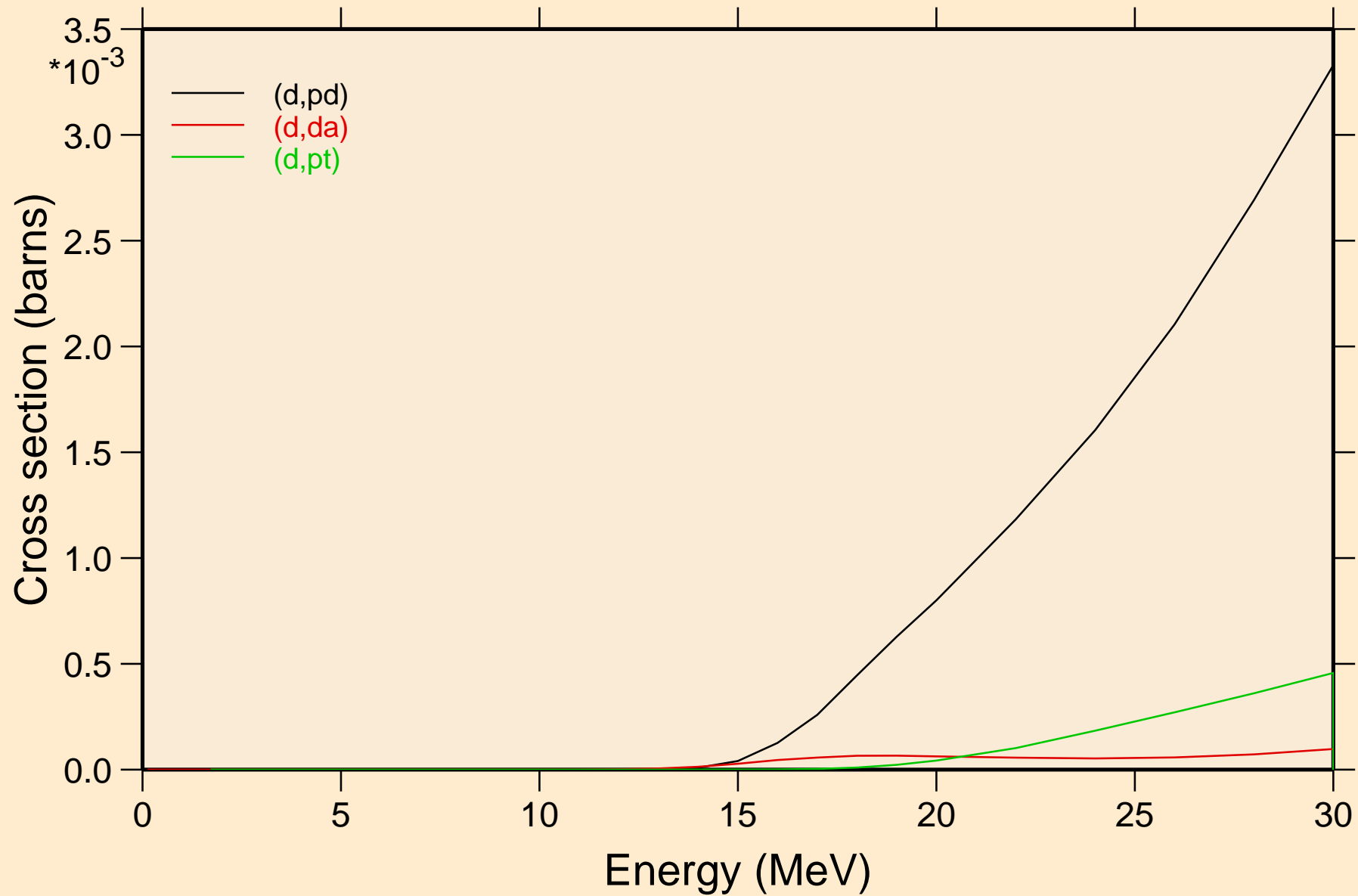


# BI190M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K

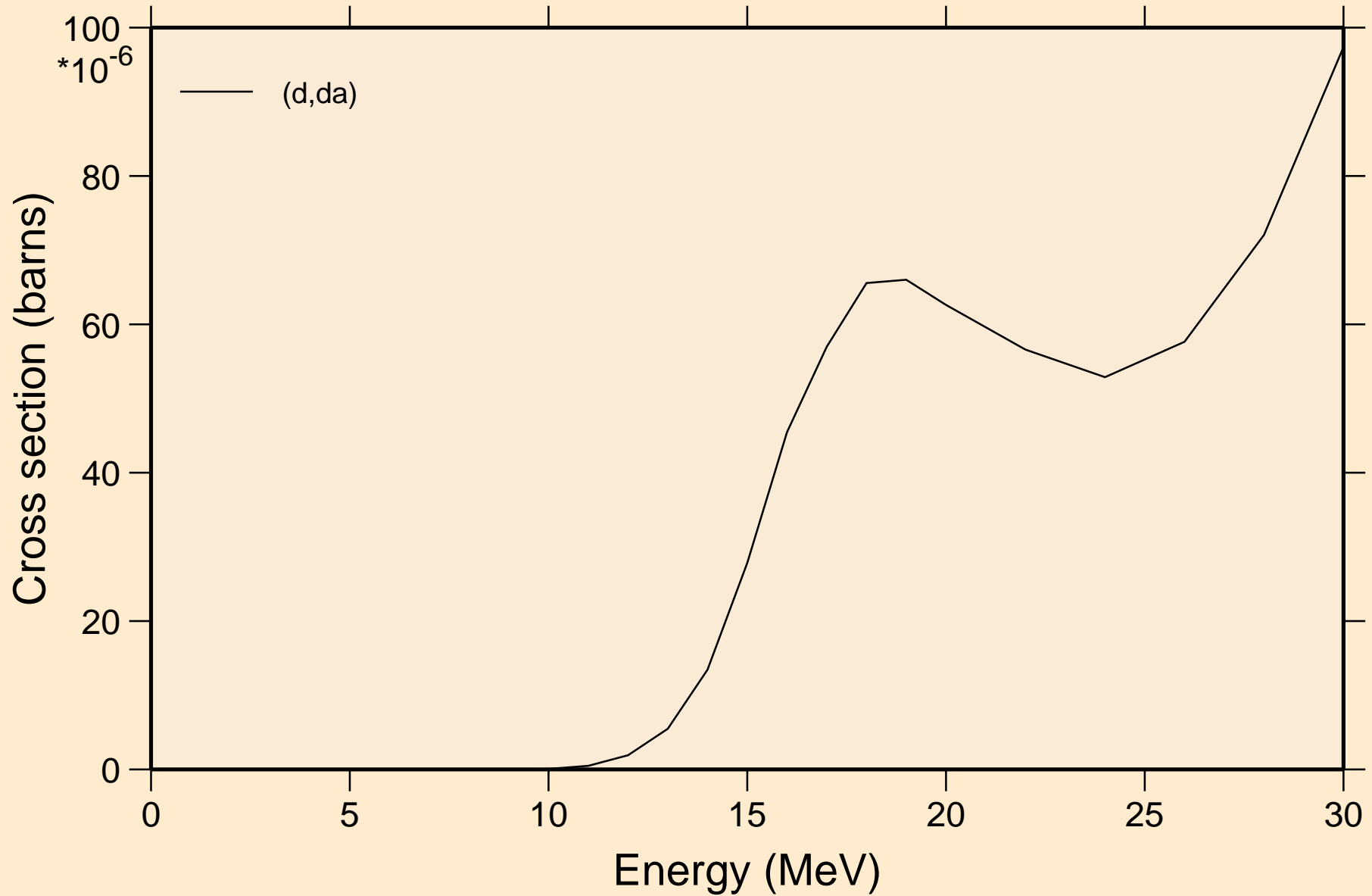
## Threshold reactions



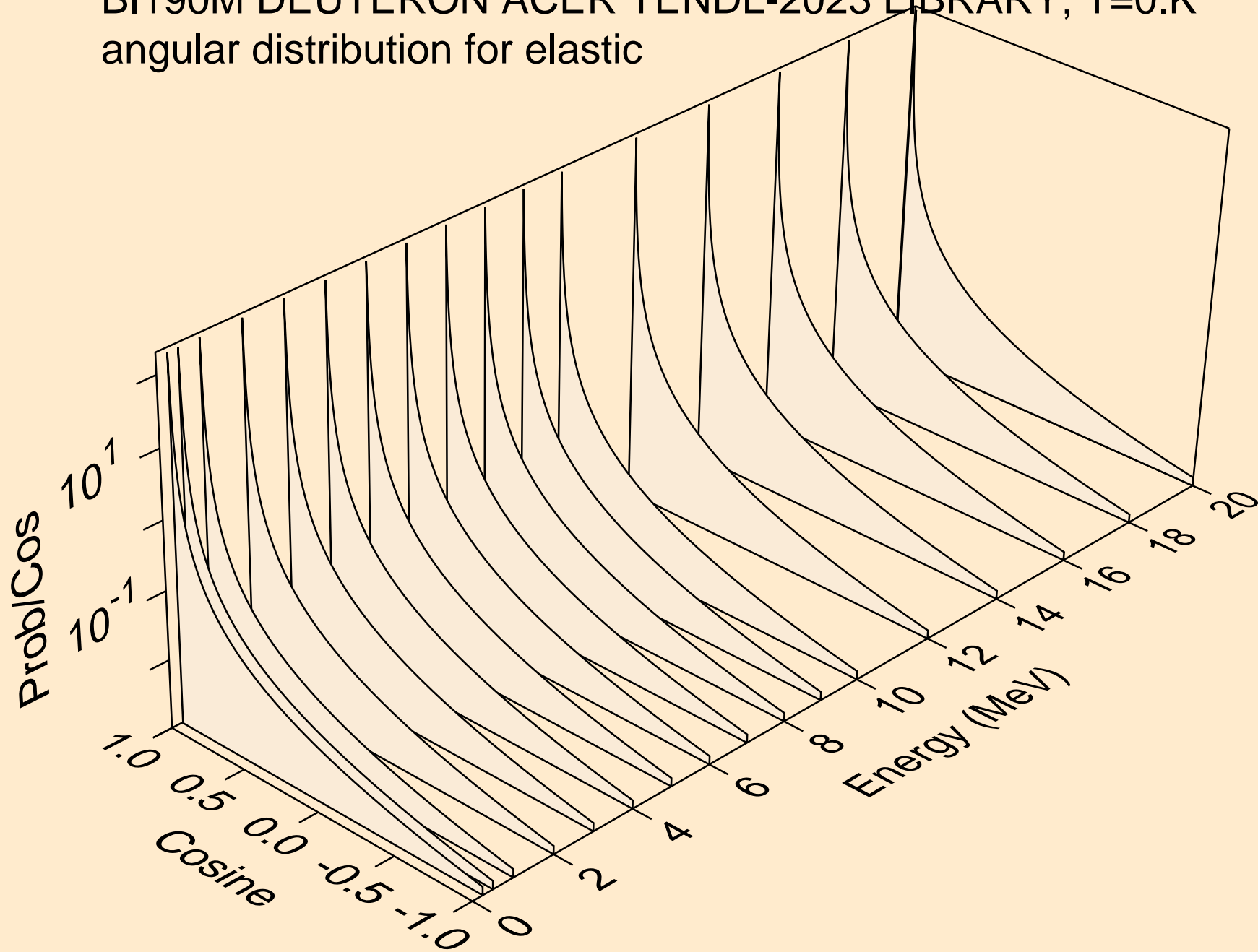
BI190M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



BI190M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

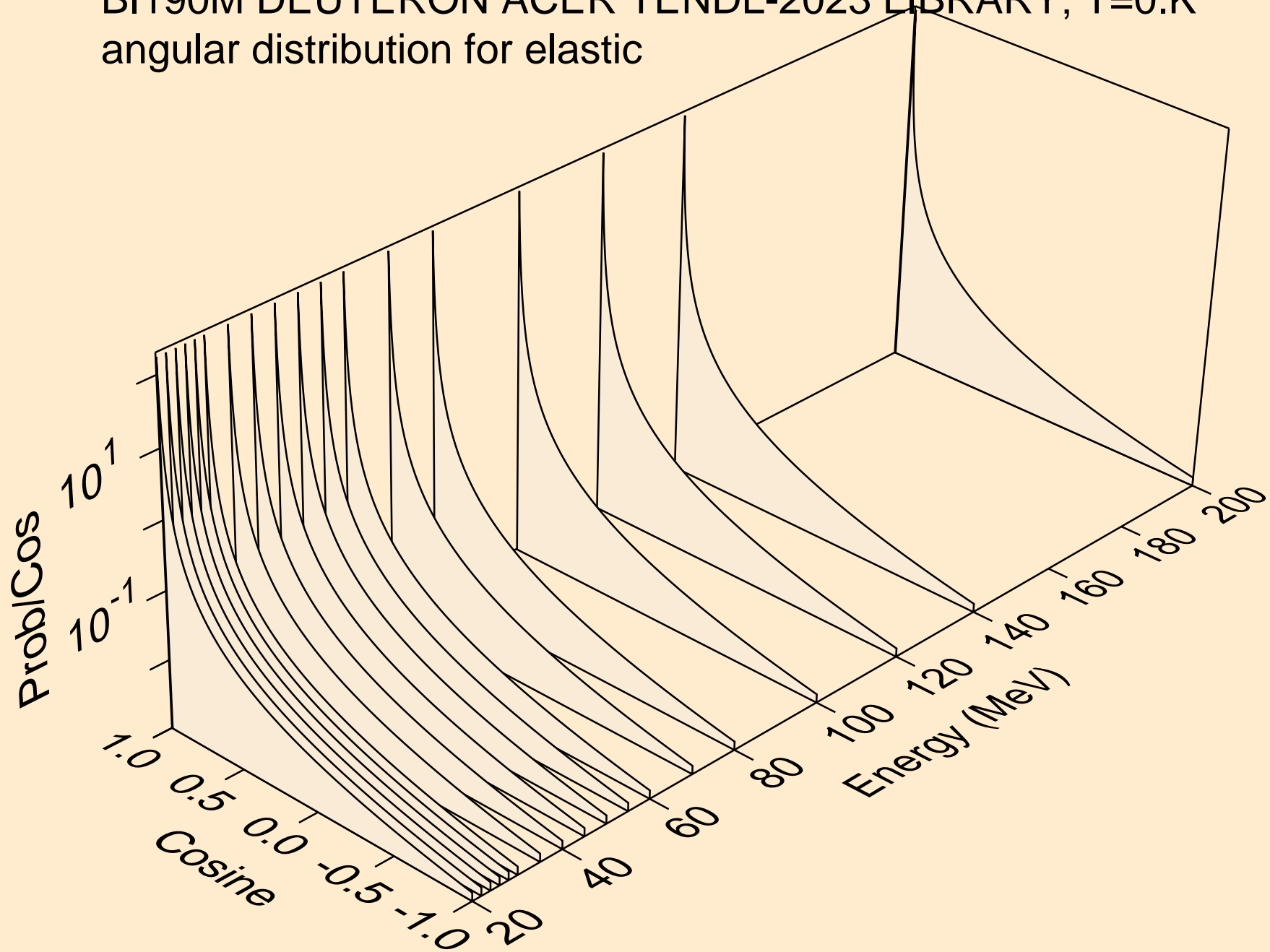


BI190M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

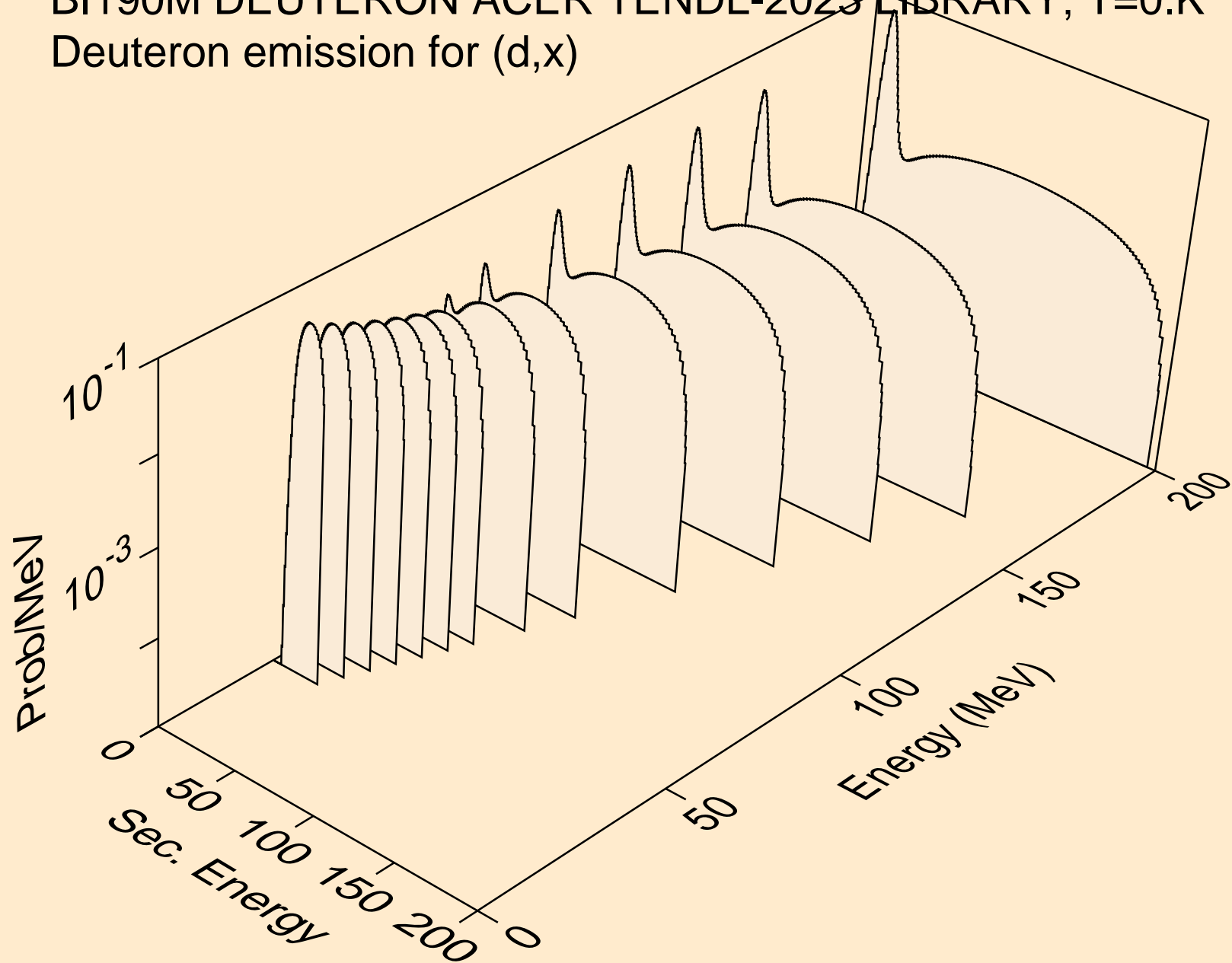




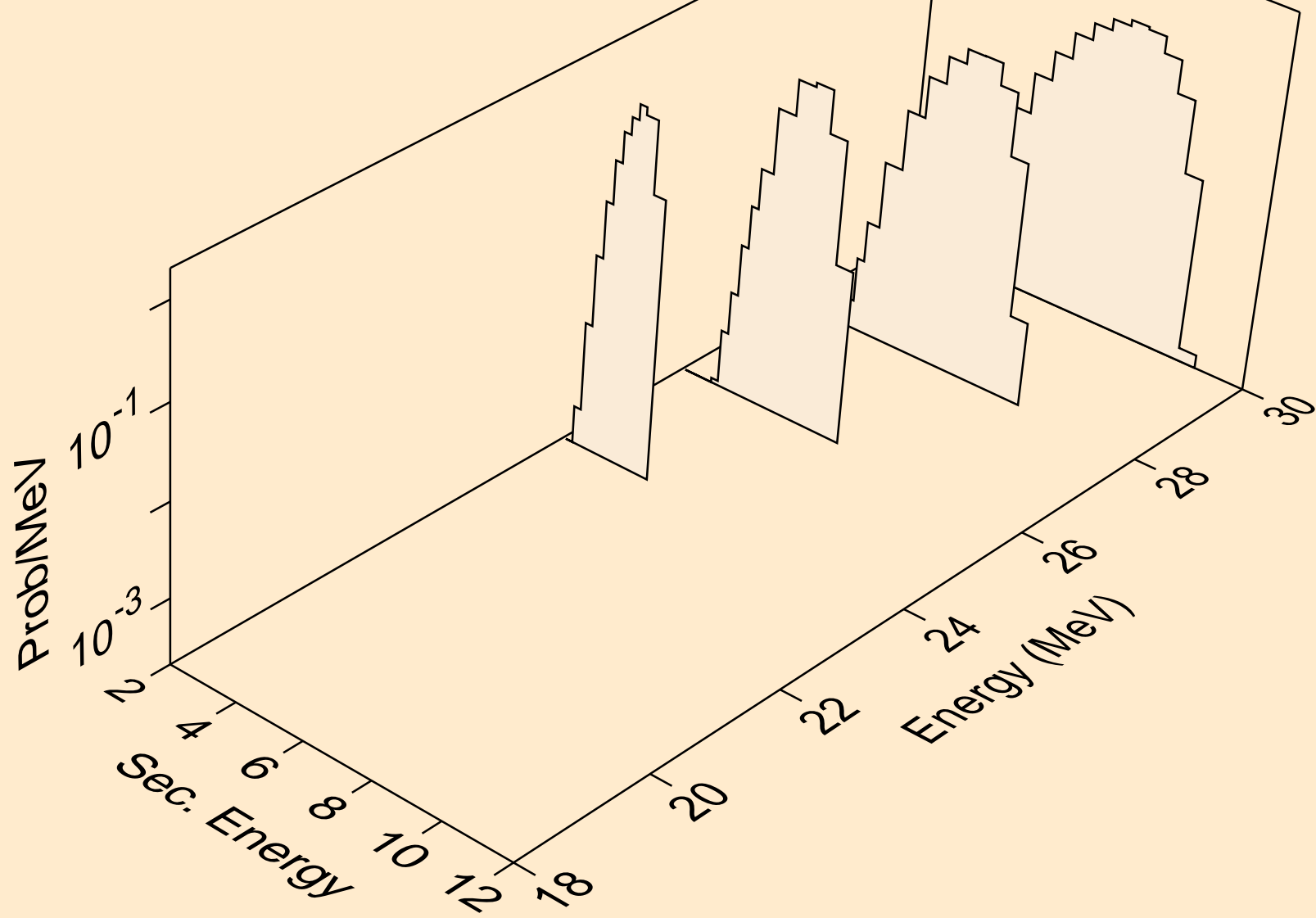
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angular distribution for elastic



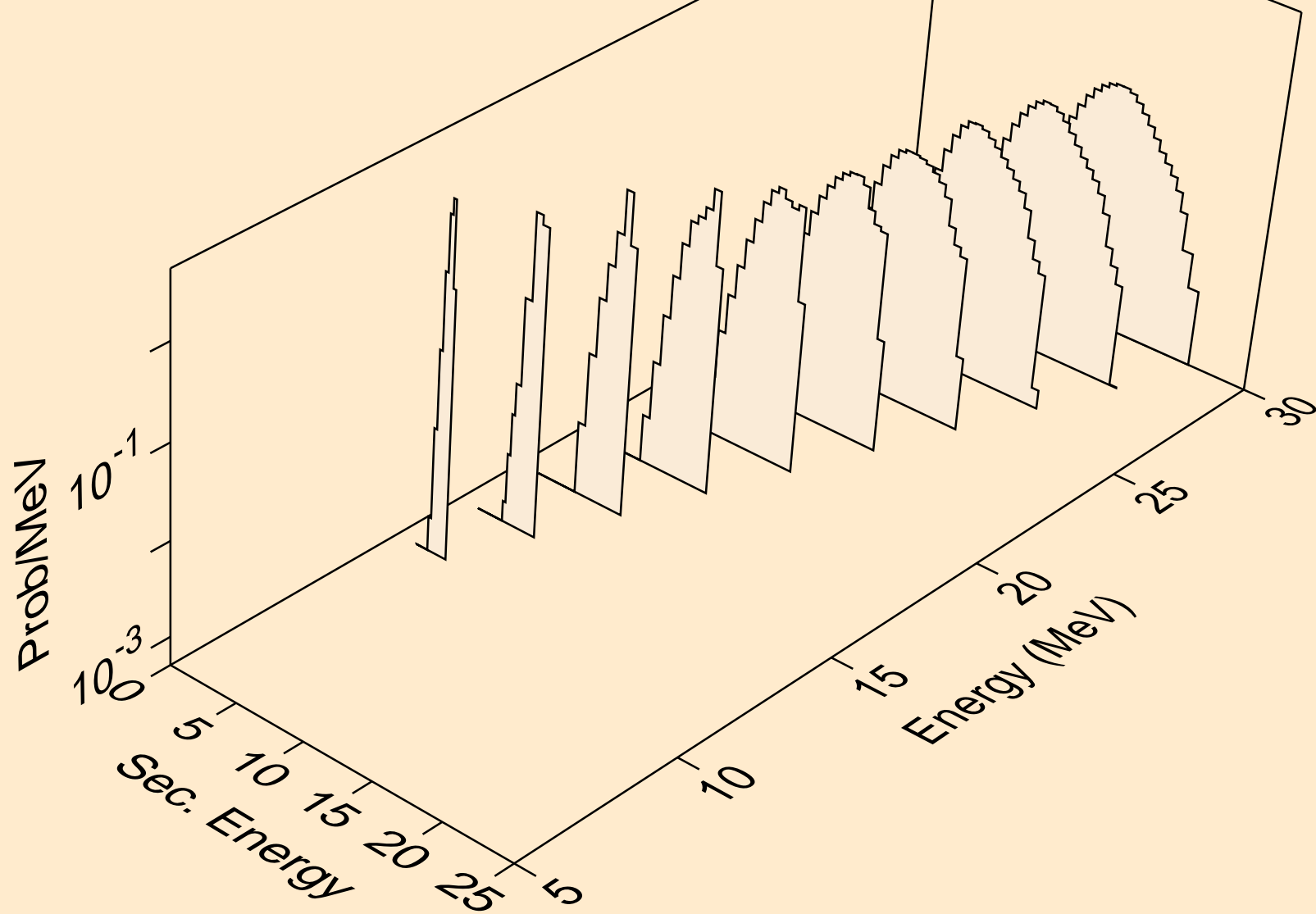
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Deuteron emission for (d,x)



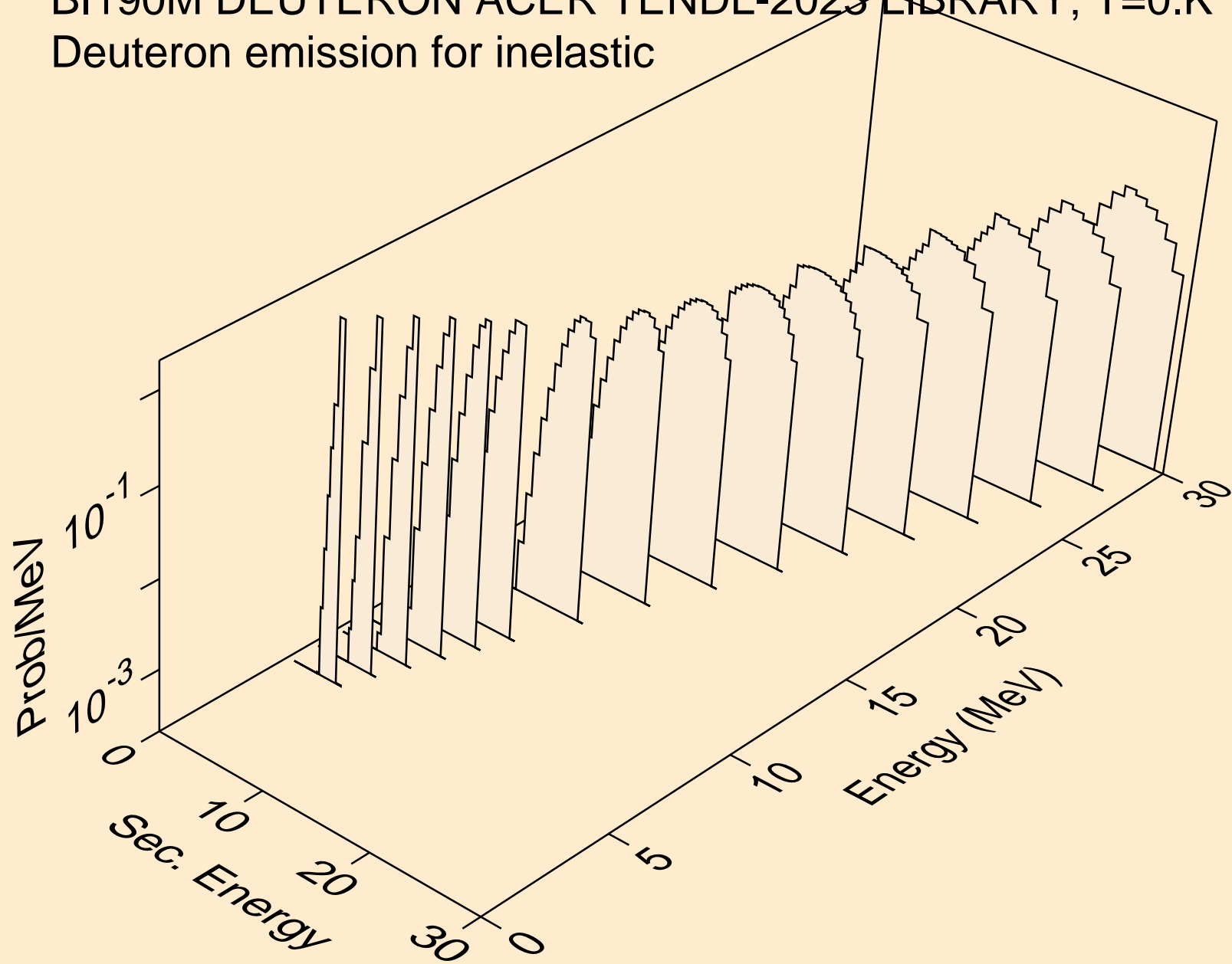
BI190M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for (d,2nd)



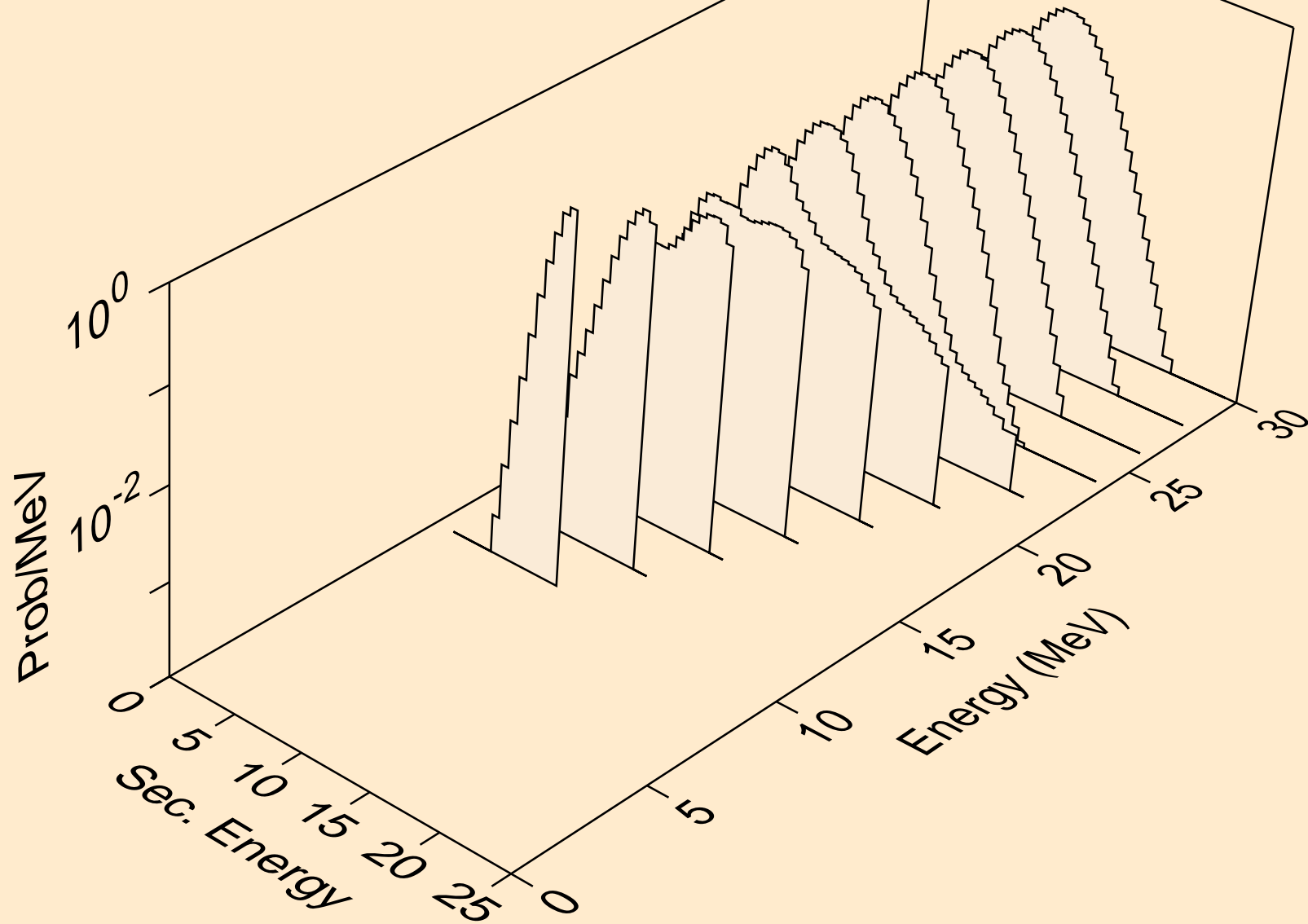
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Deuteron emission for (d,n\*)d



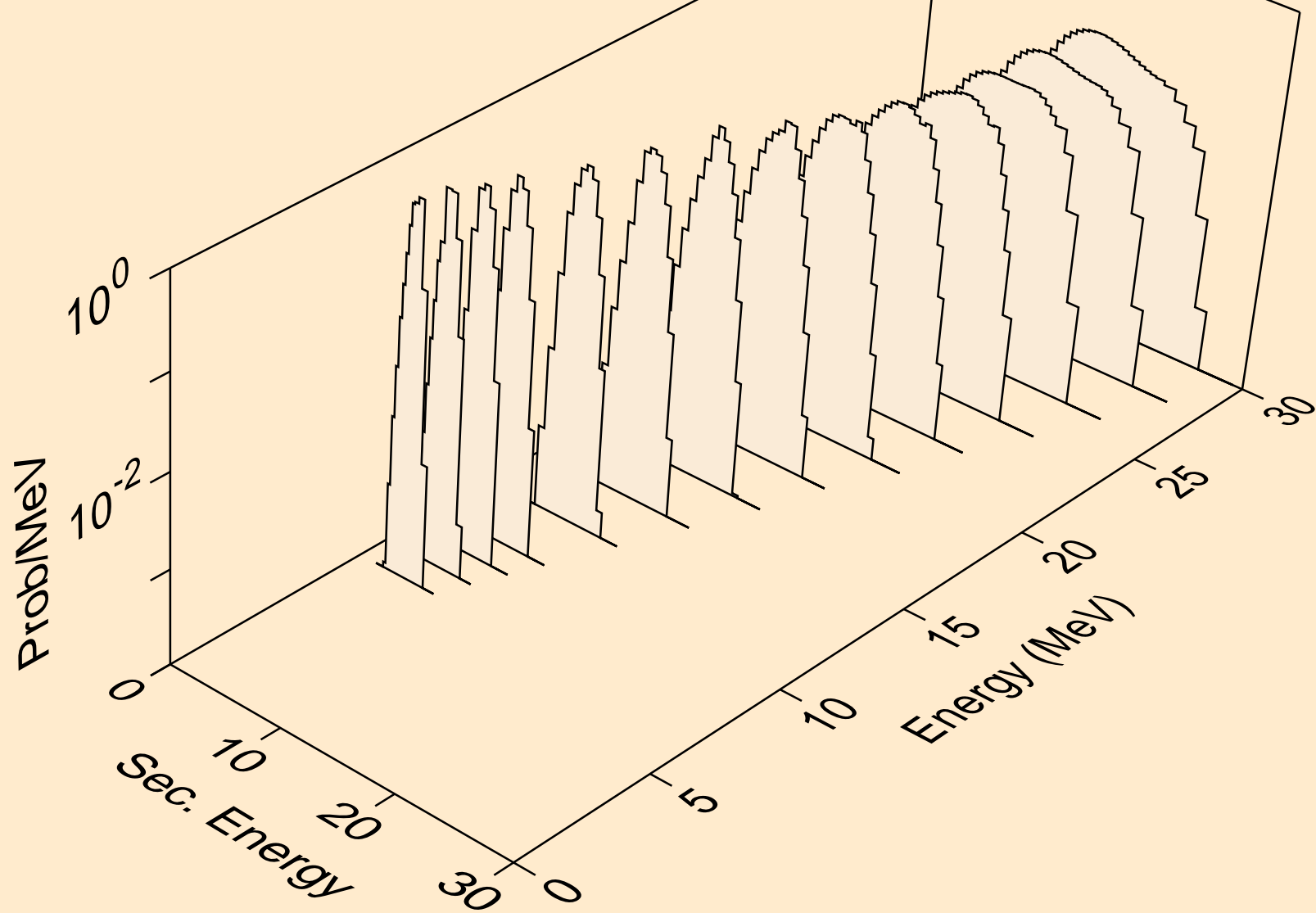
BI190M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for inelastic



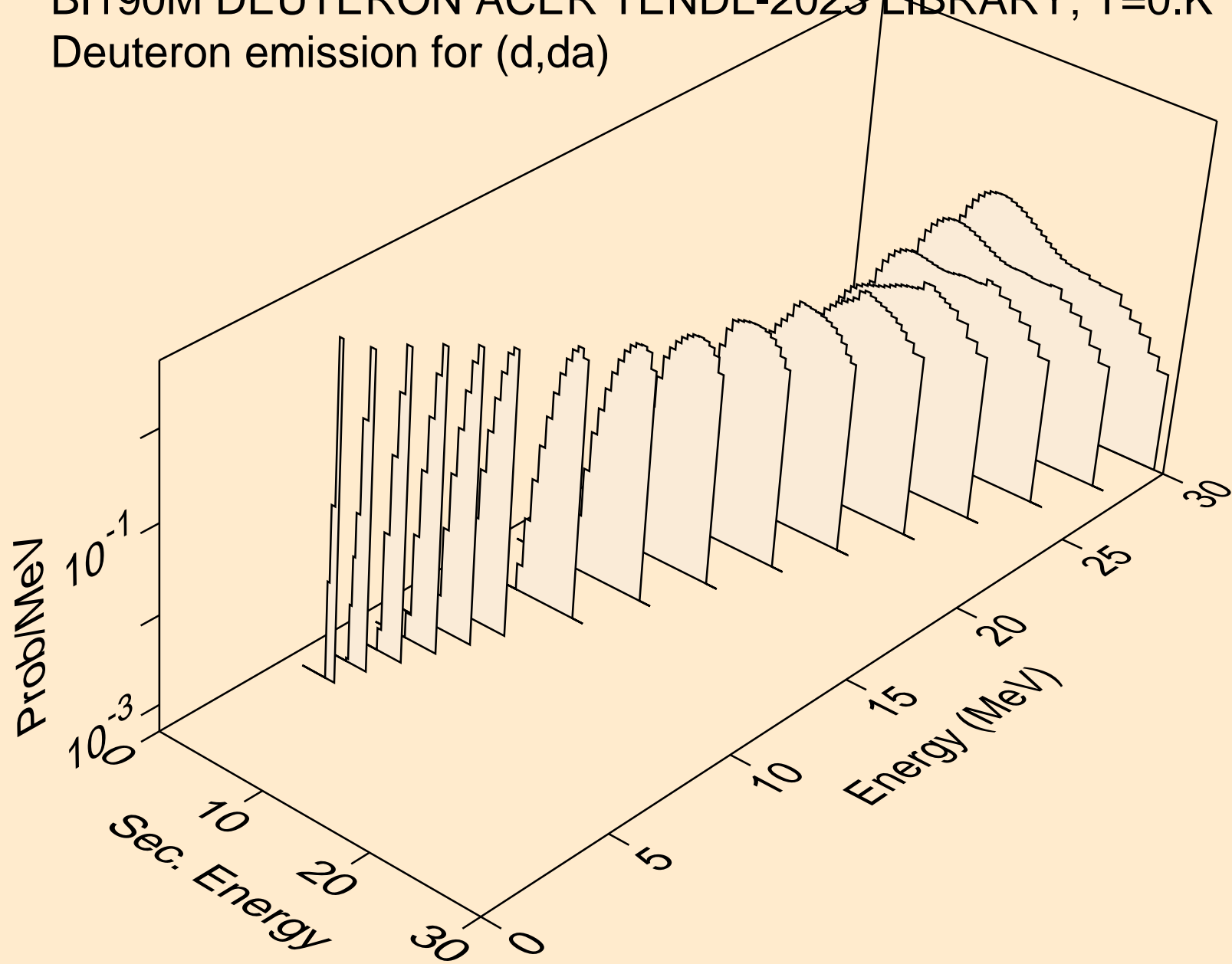
BI190M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for (d,d2a)



BI190M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for (d,pd)

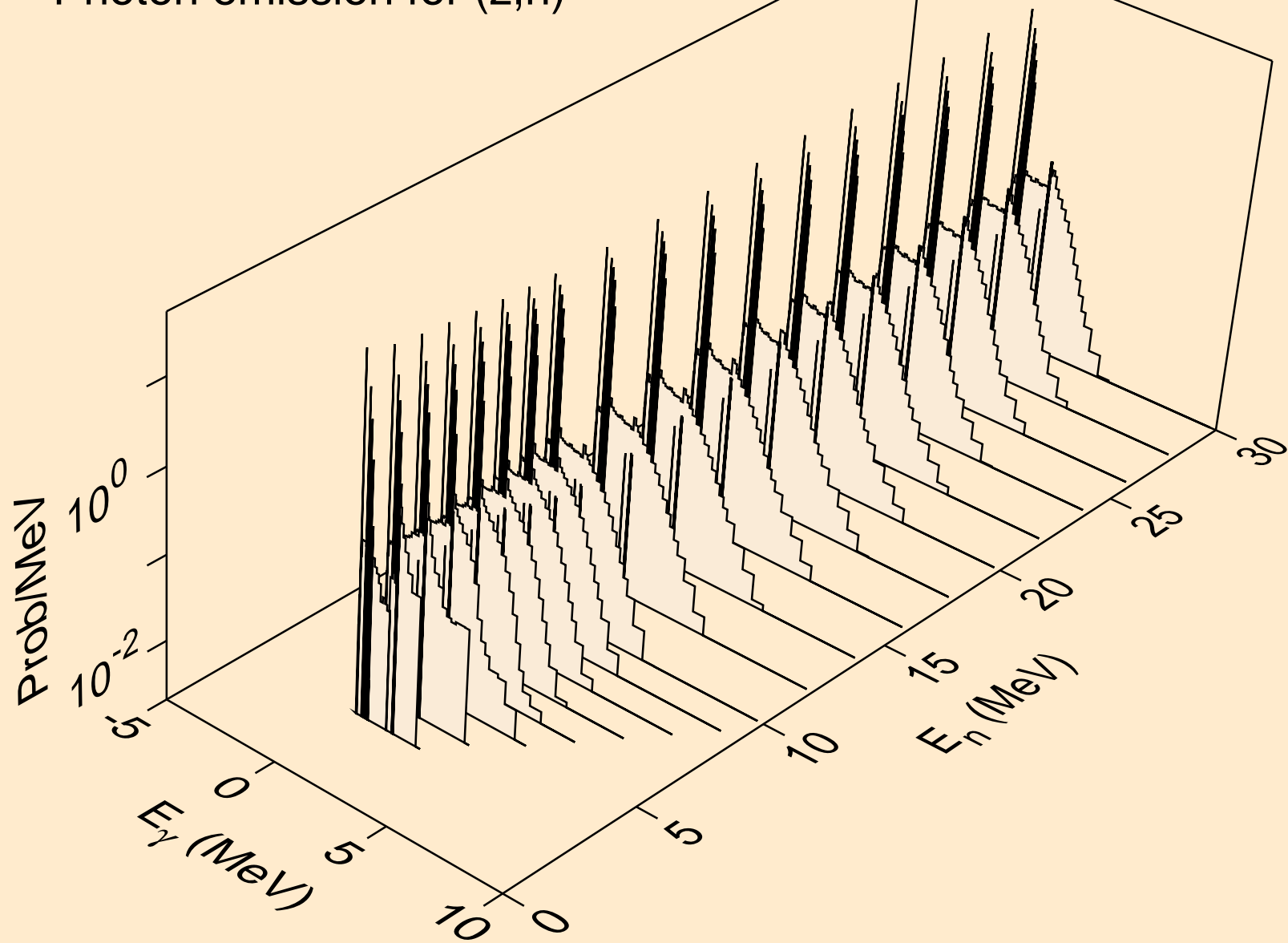


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Deuteron emission for (d,da)

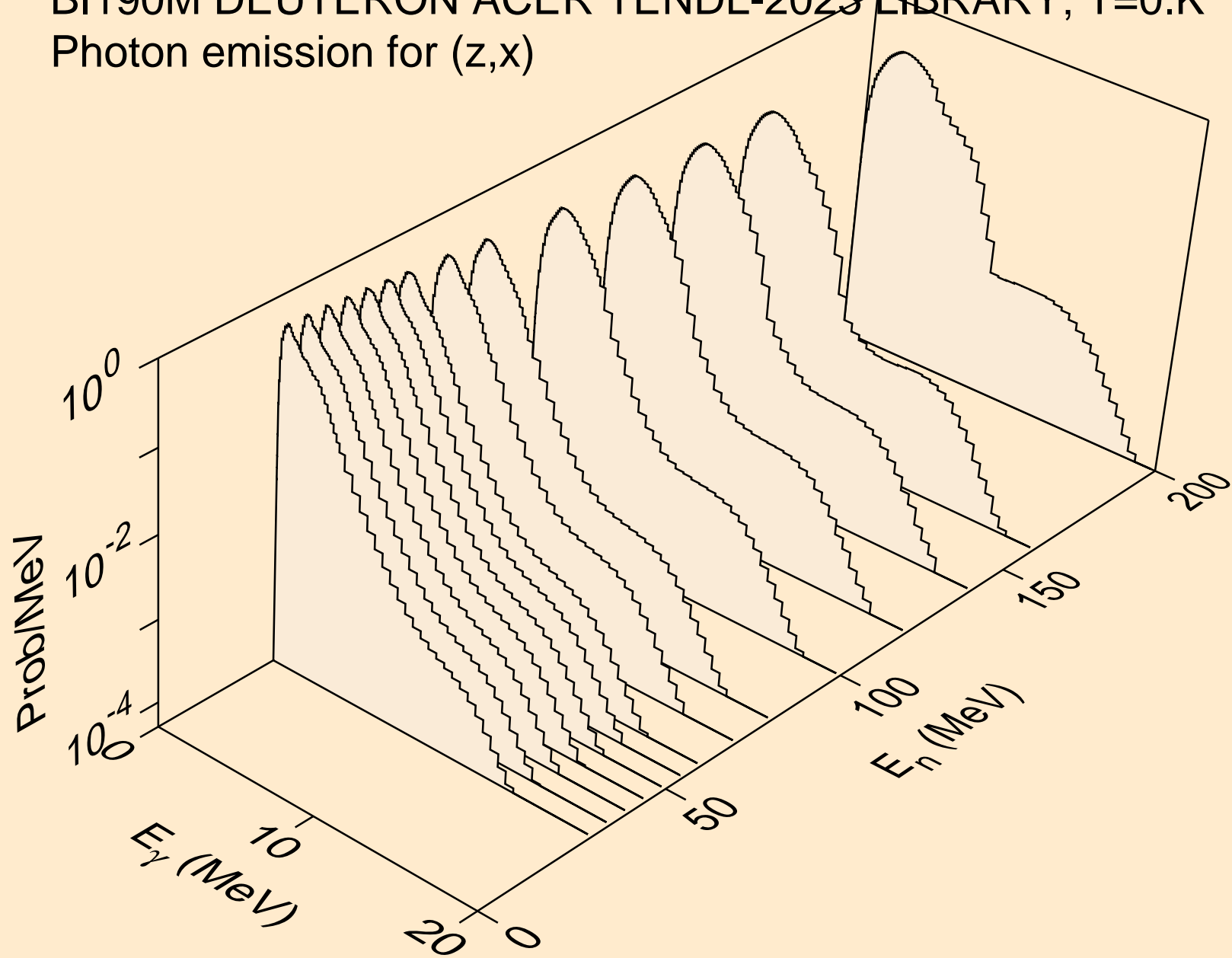




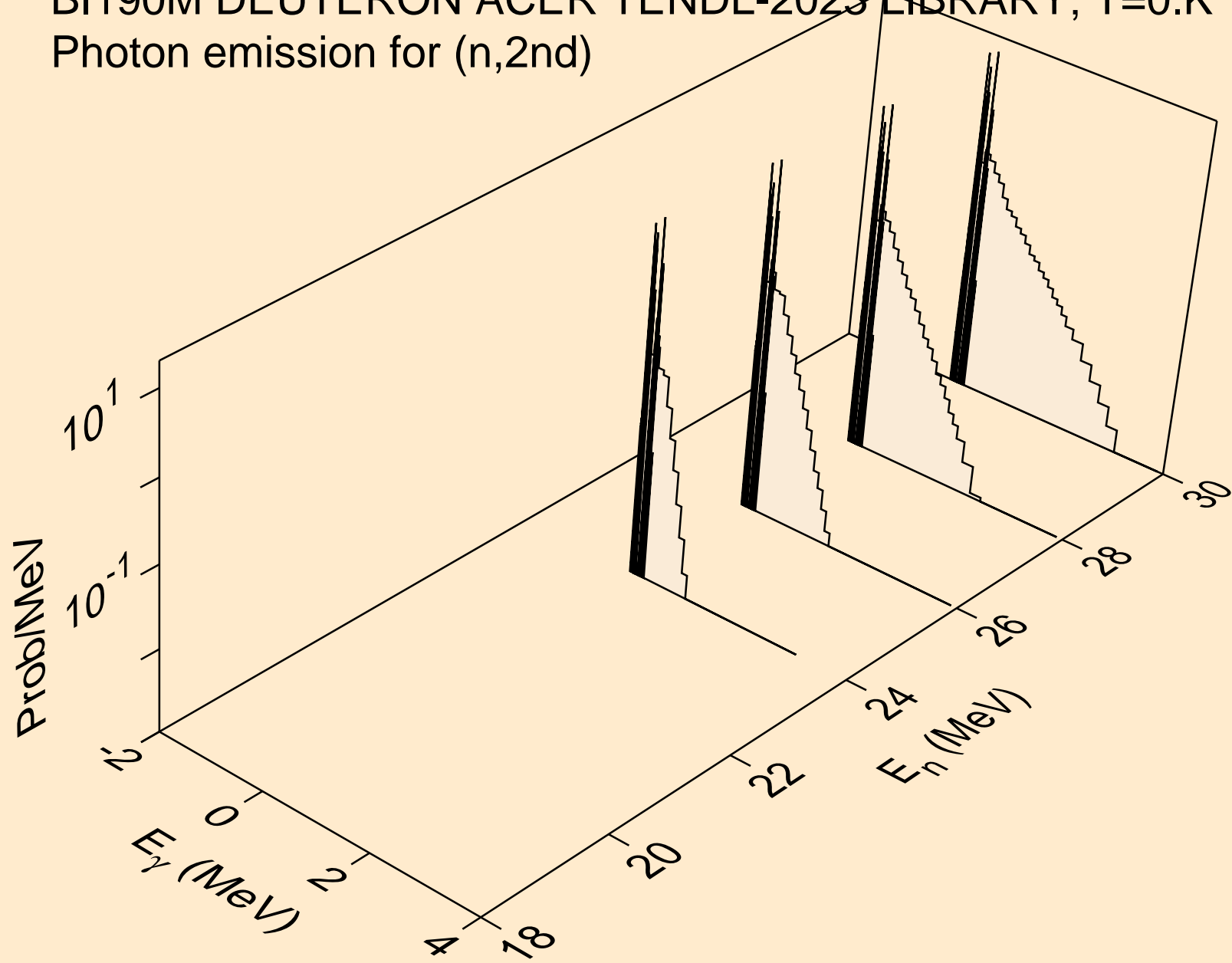
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Photon emission for (z,n)



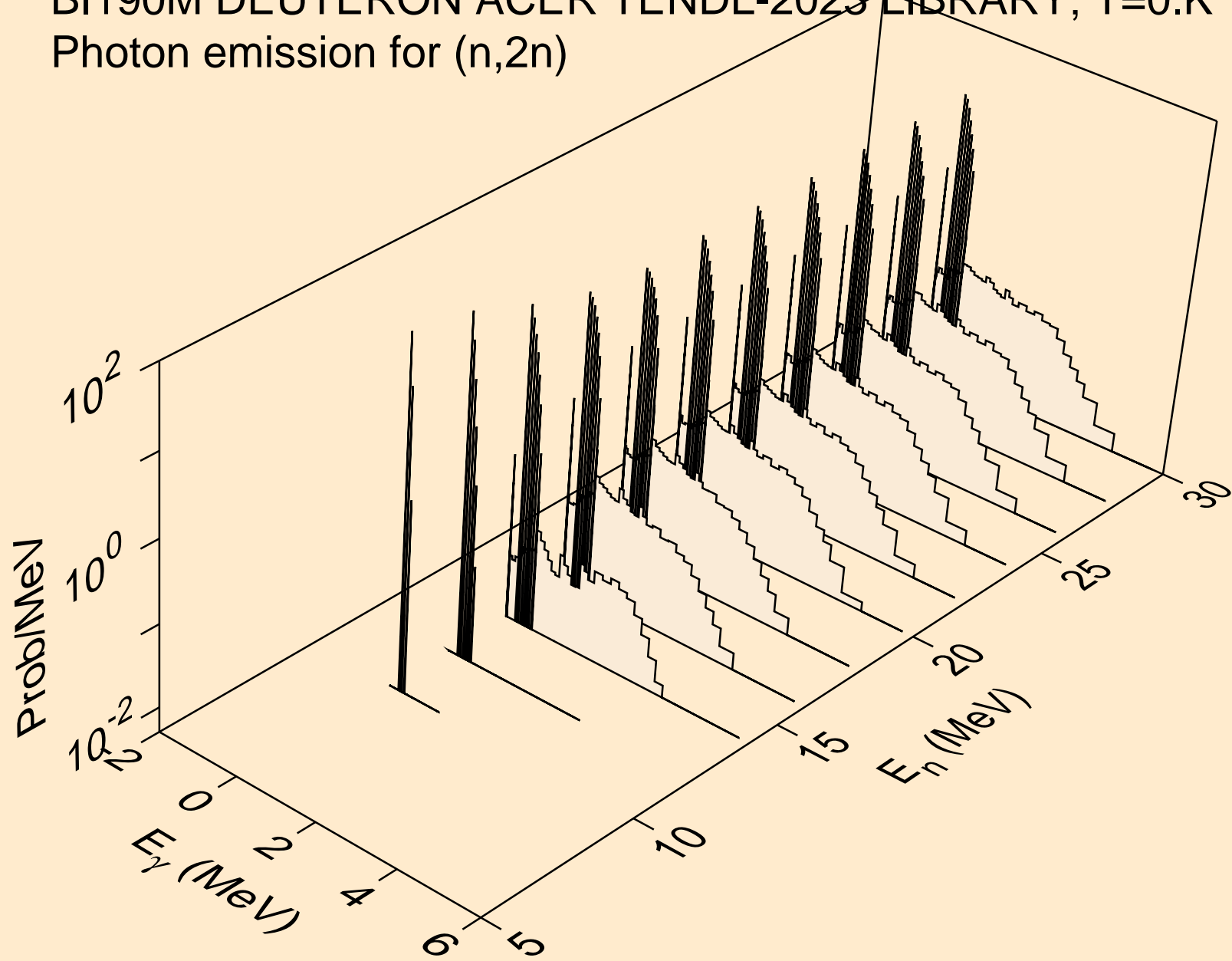
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Photon emission for (z,x)



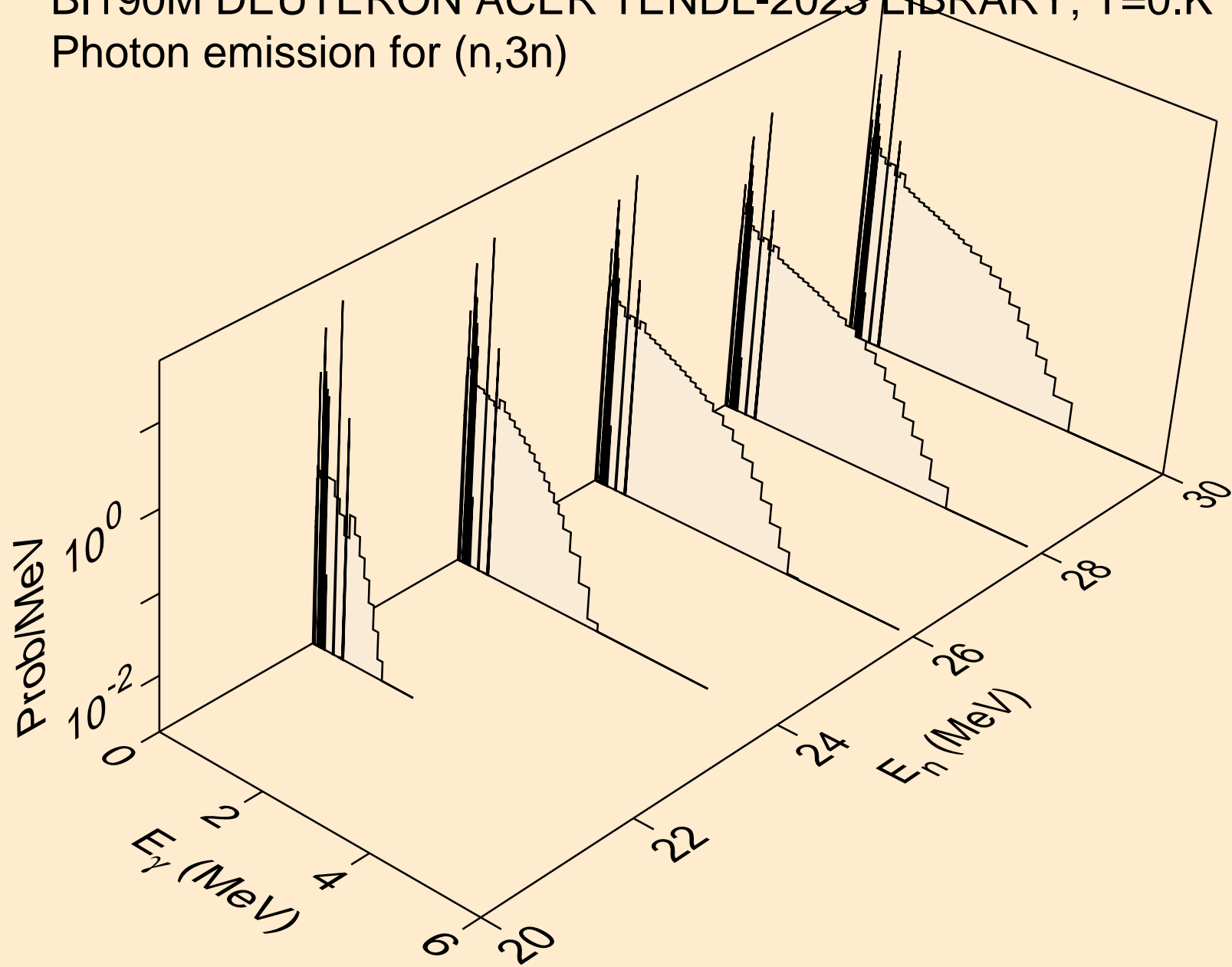
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Photon emission for (n,2nd)



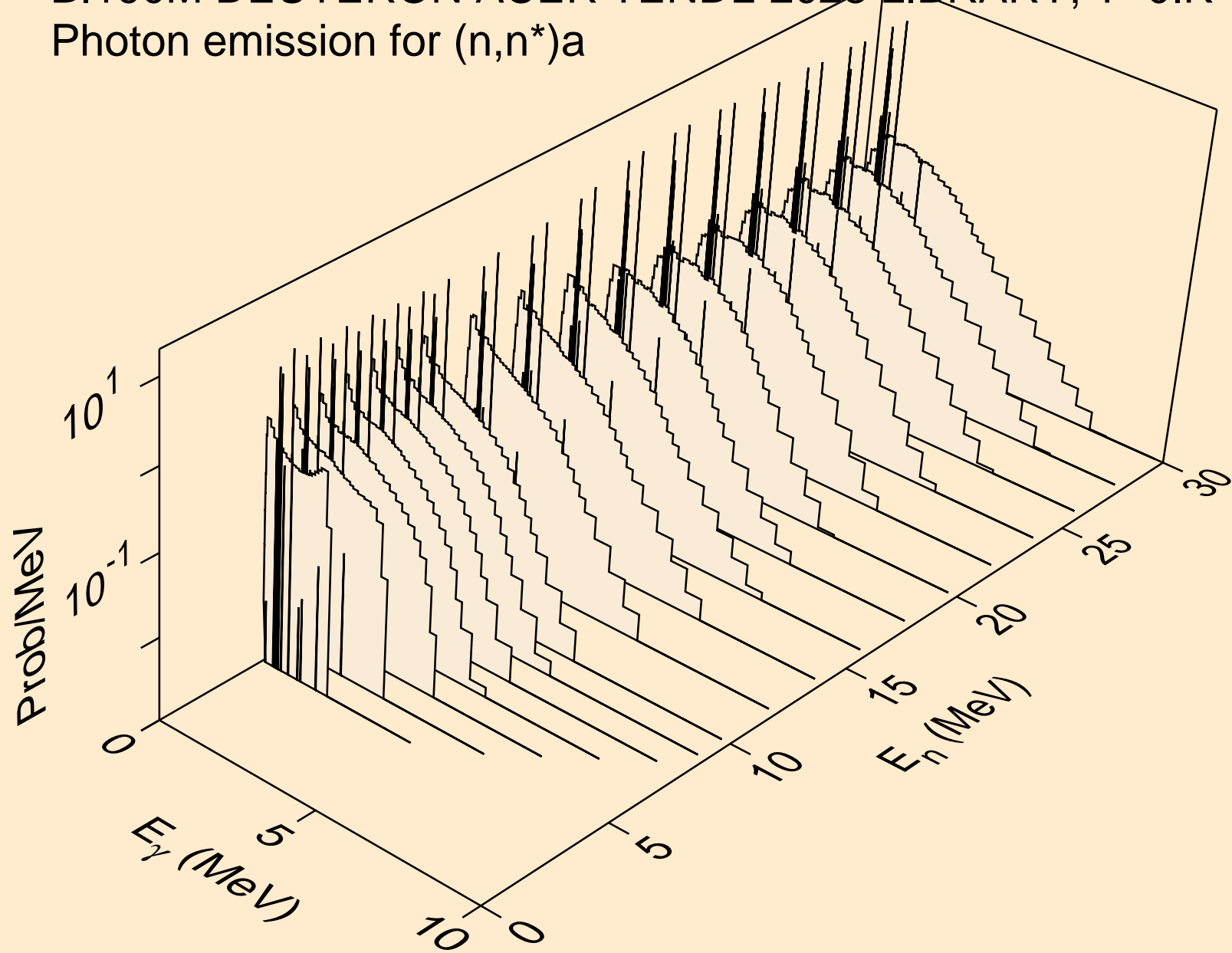
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Photon emission for (n,2n)



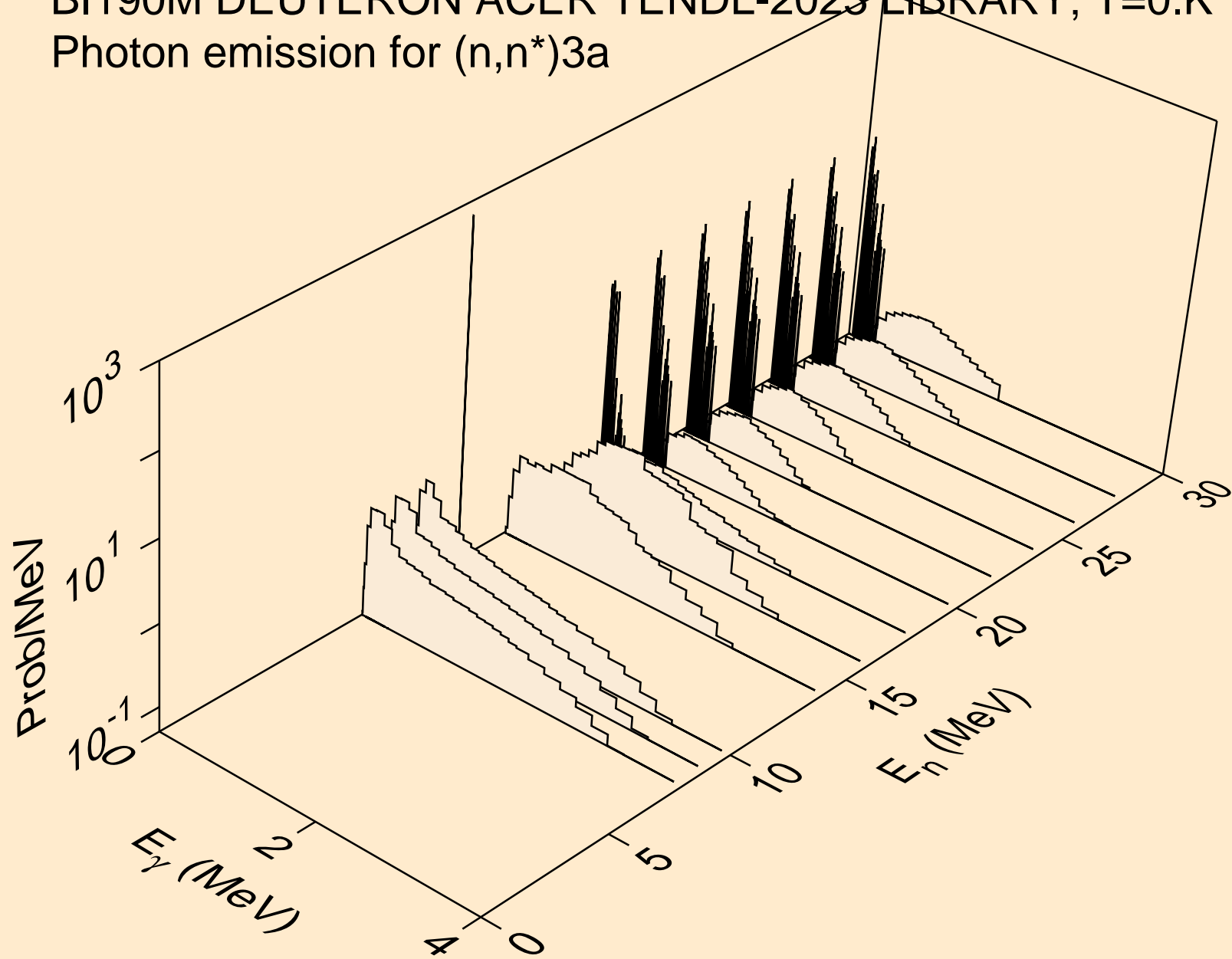
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Photon emission for (n,3n)



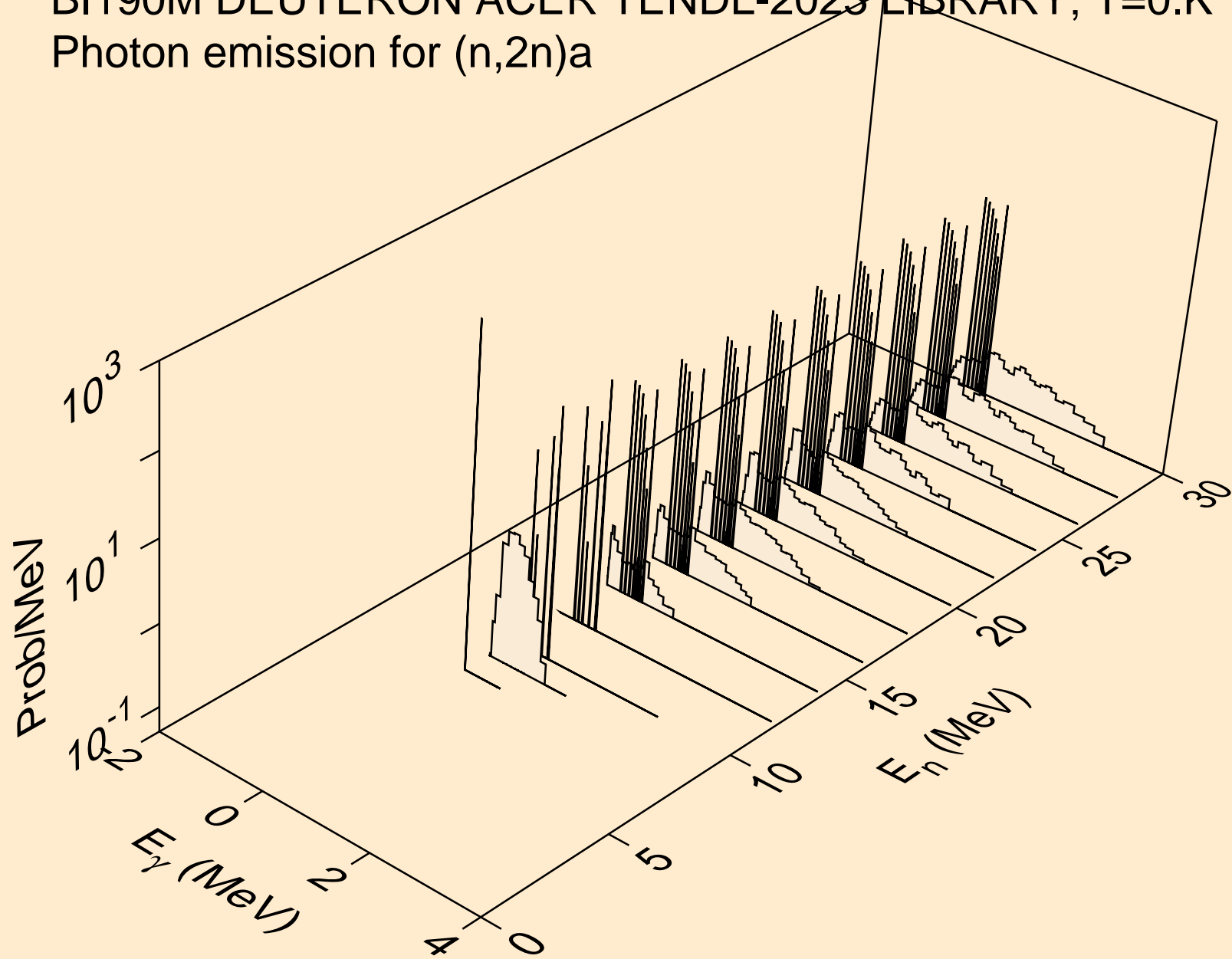
BI190M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



BI190M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)3a

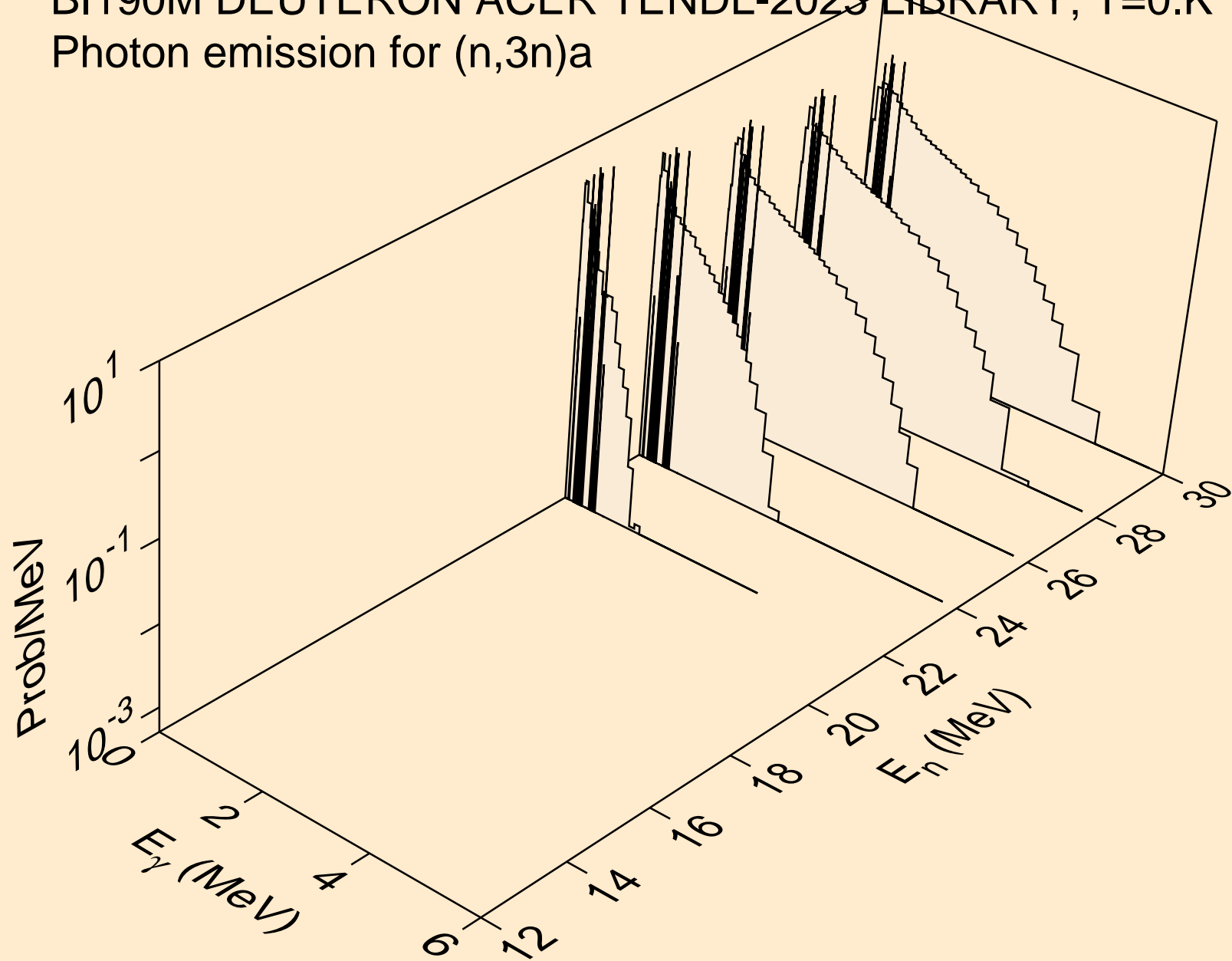


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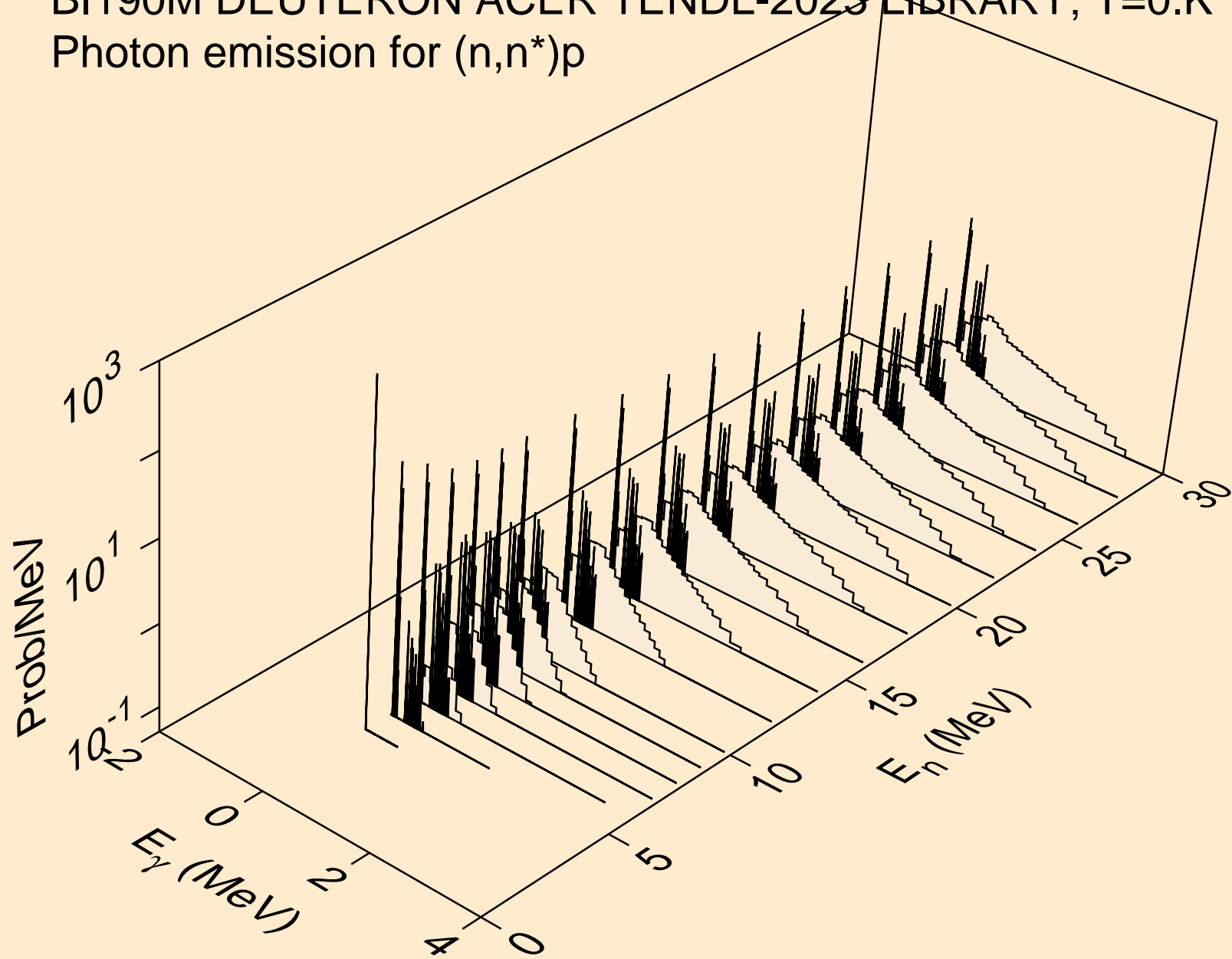




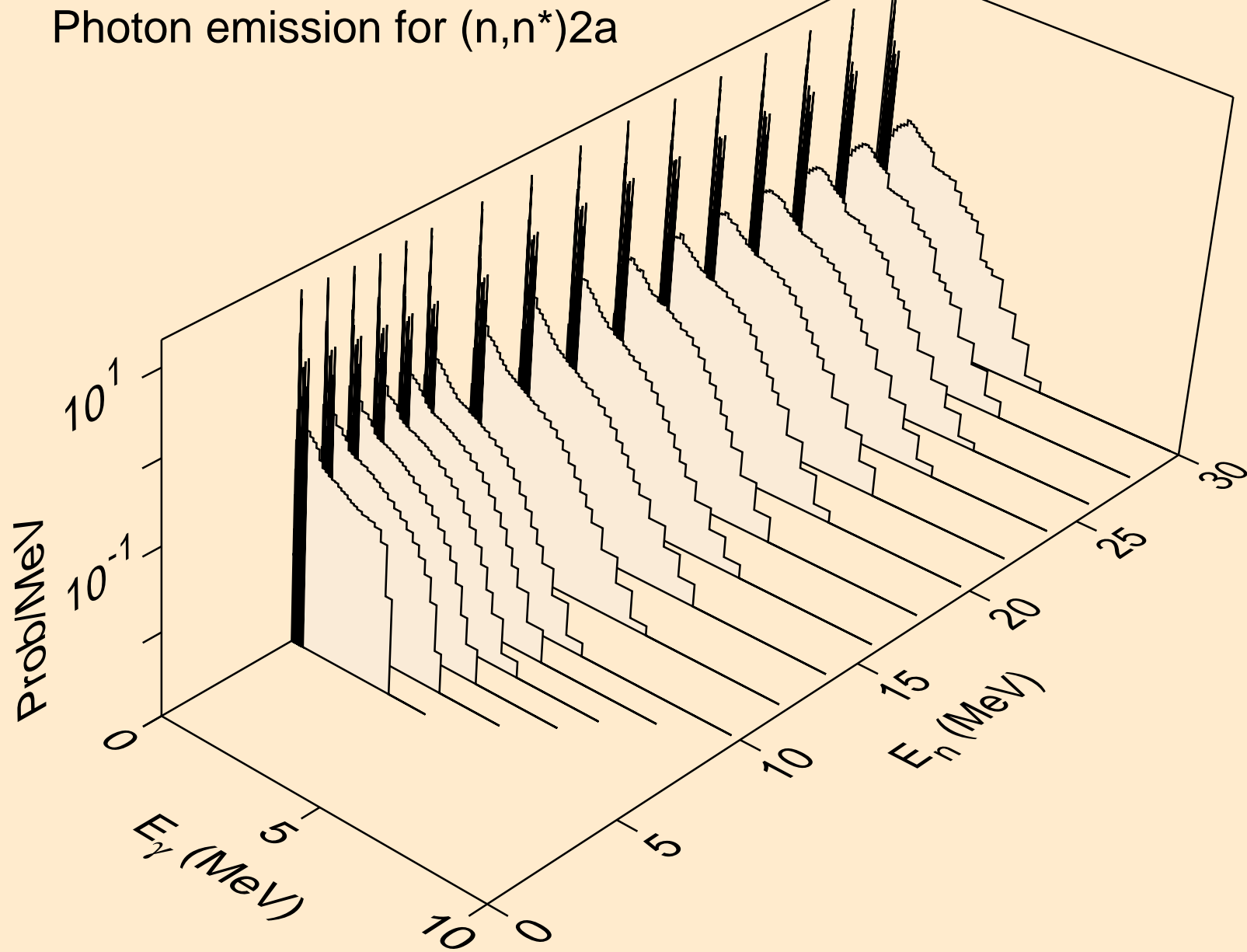
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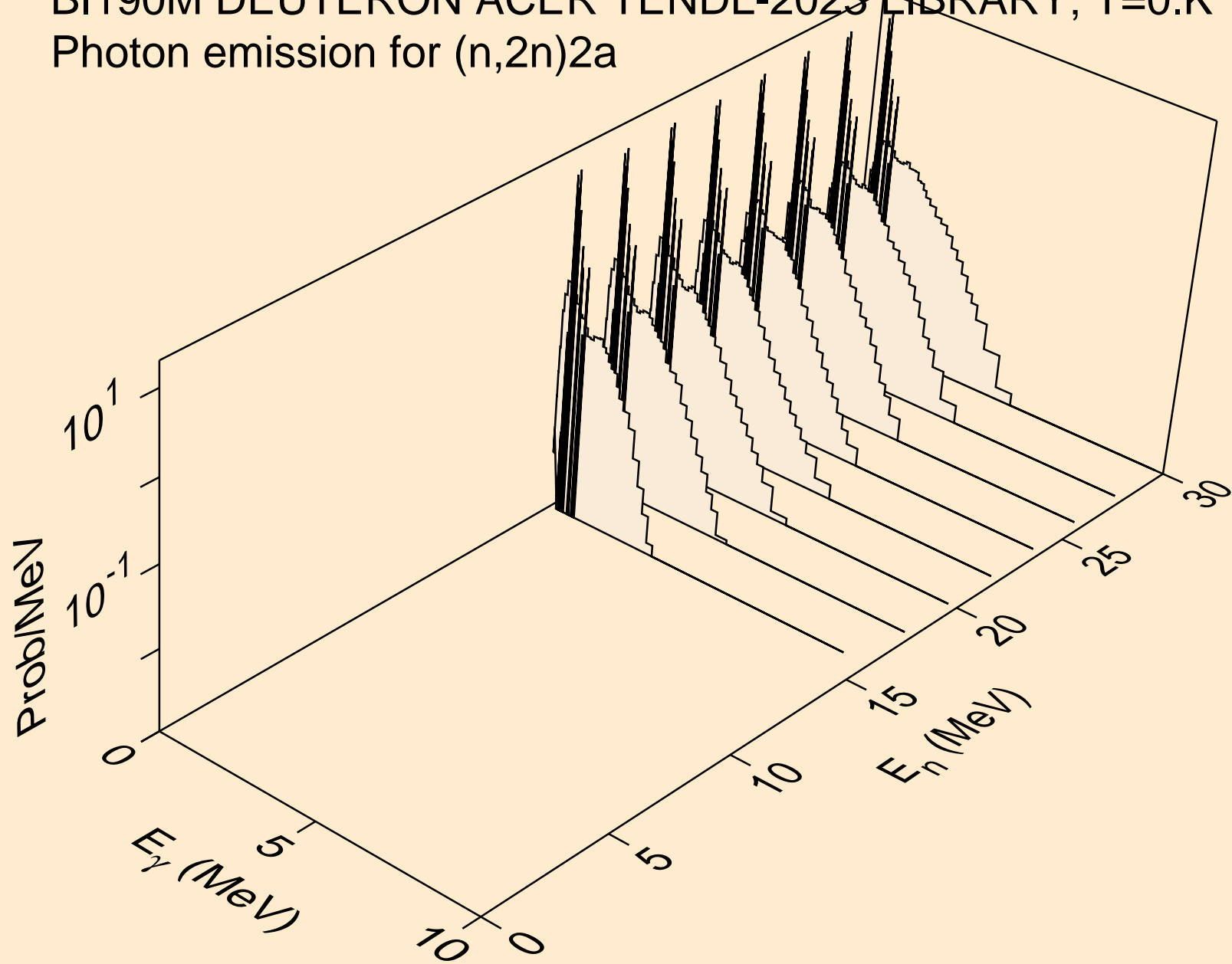
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Photon emission for (n,n\*)p



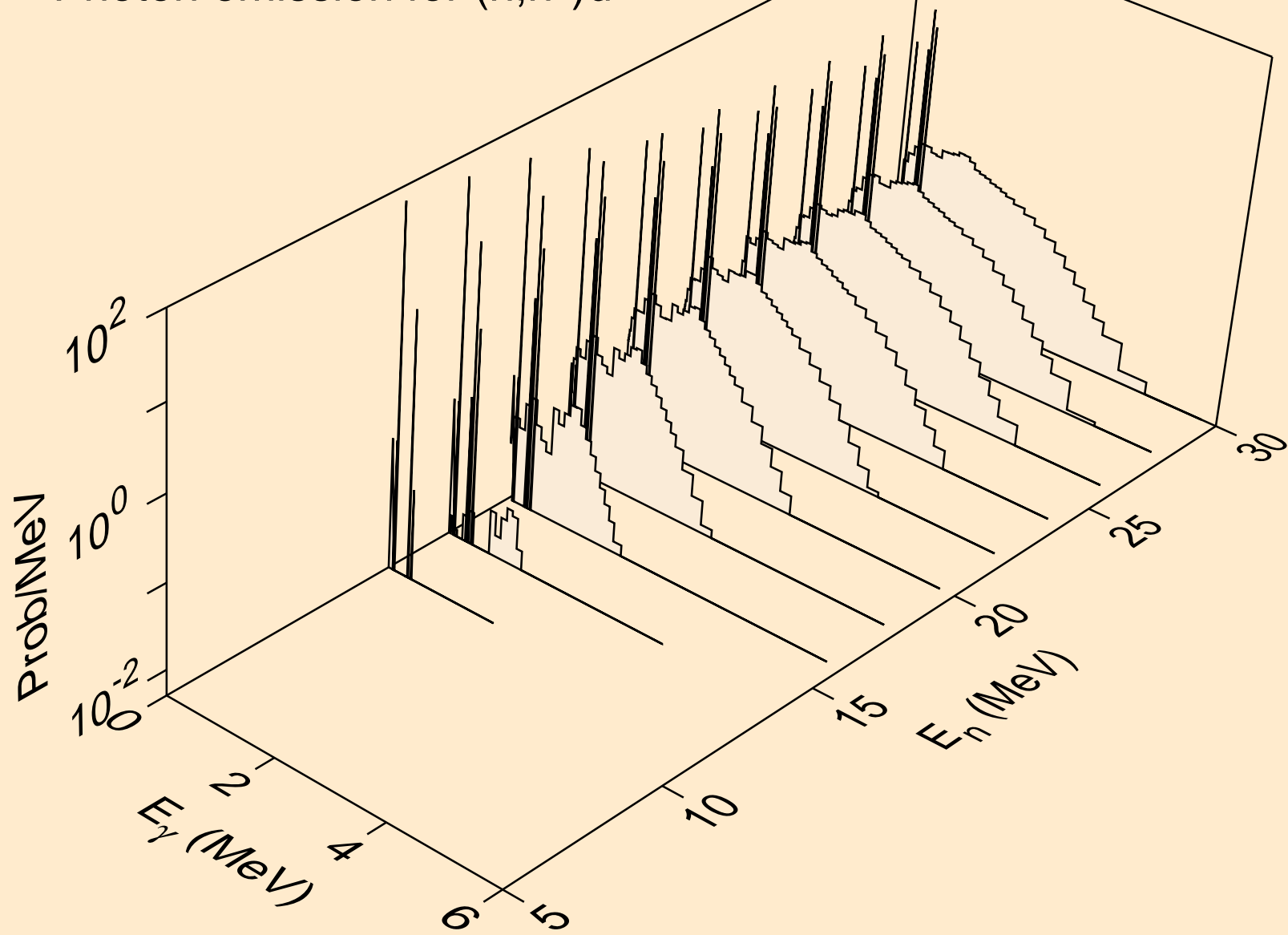
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Photon emission for (n,n\*)2a



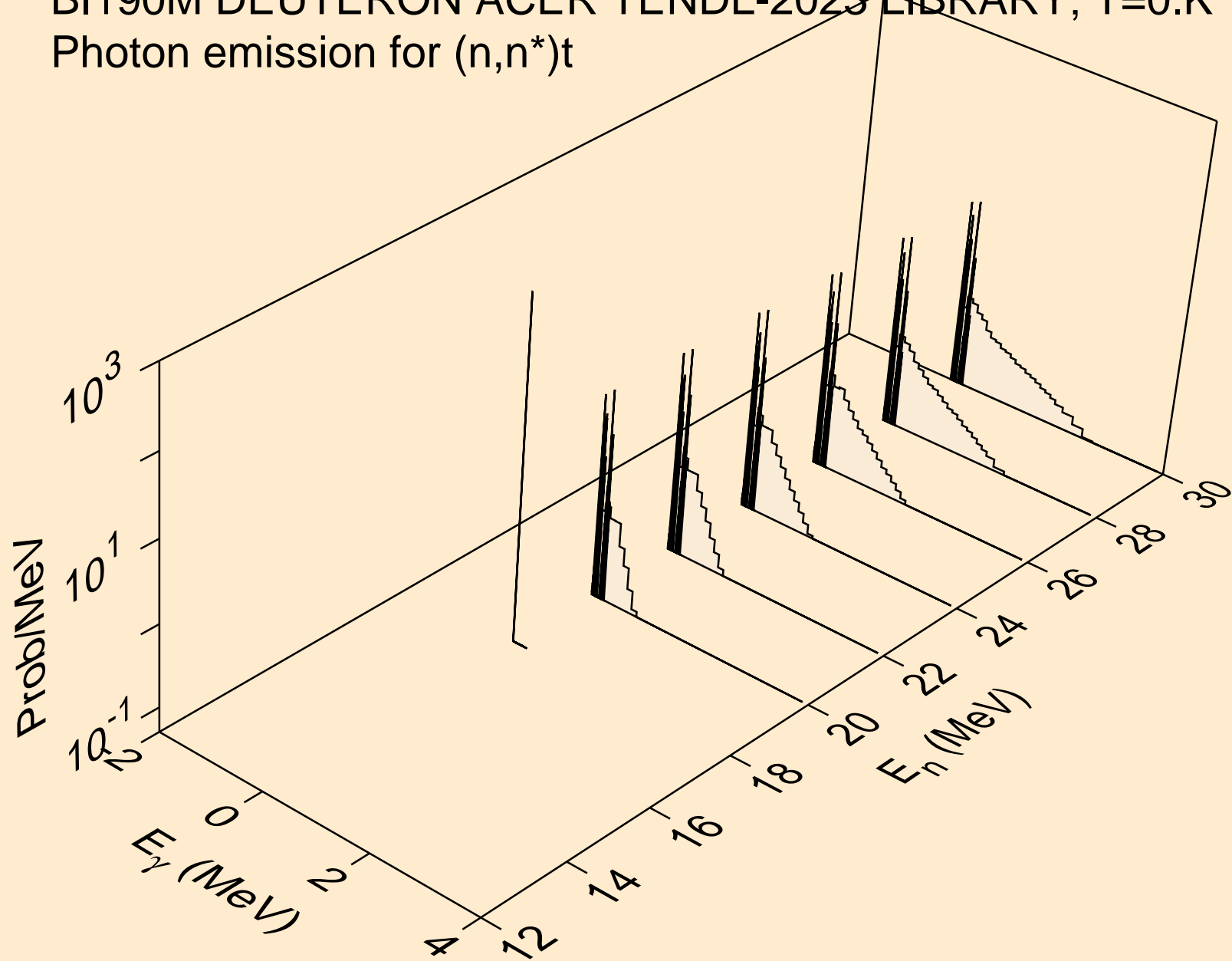
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Photon emission for (n,2n)2a



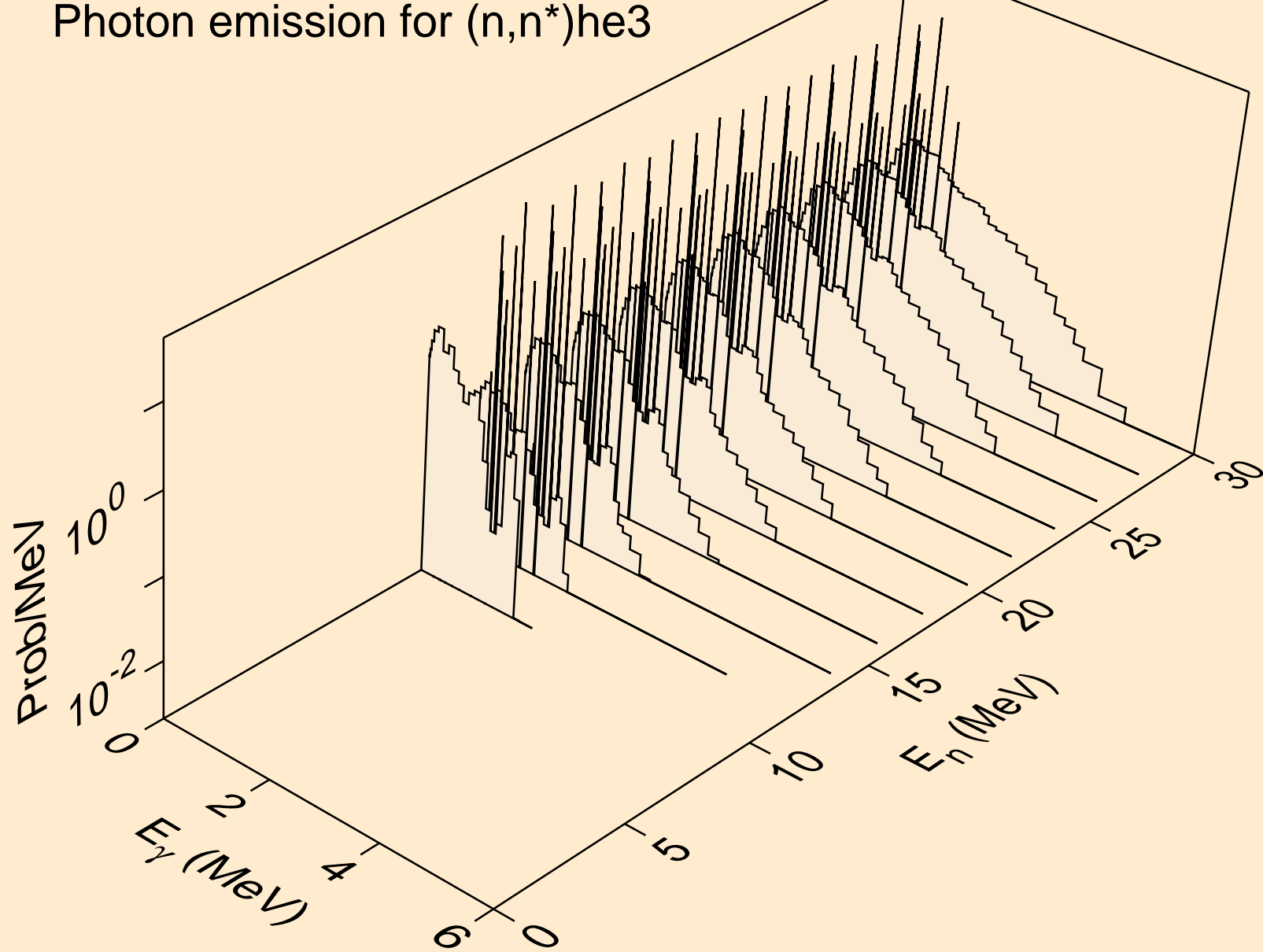
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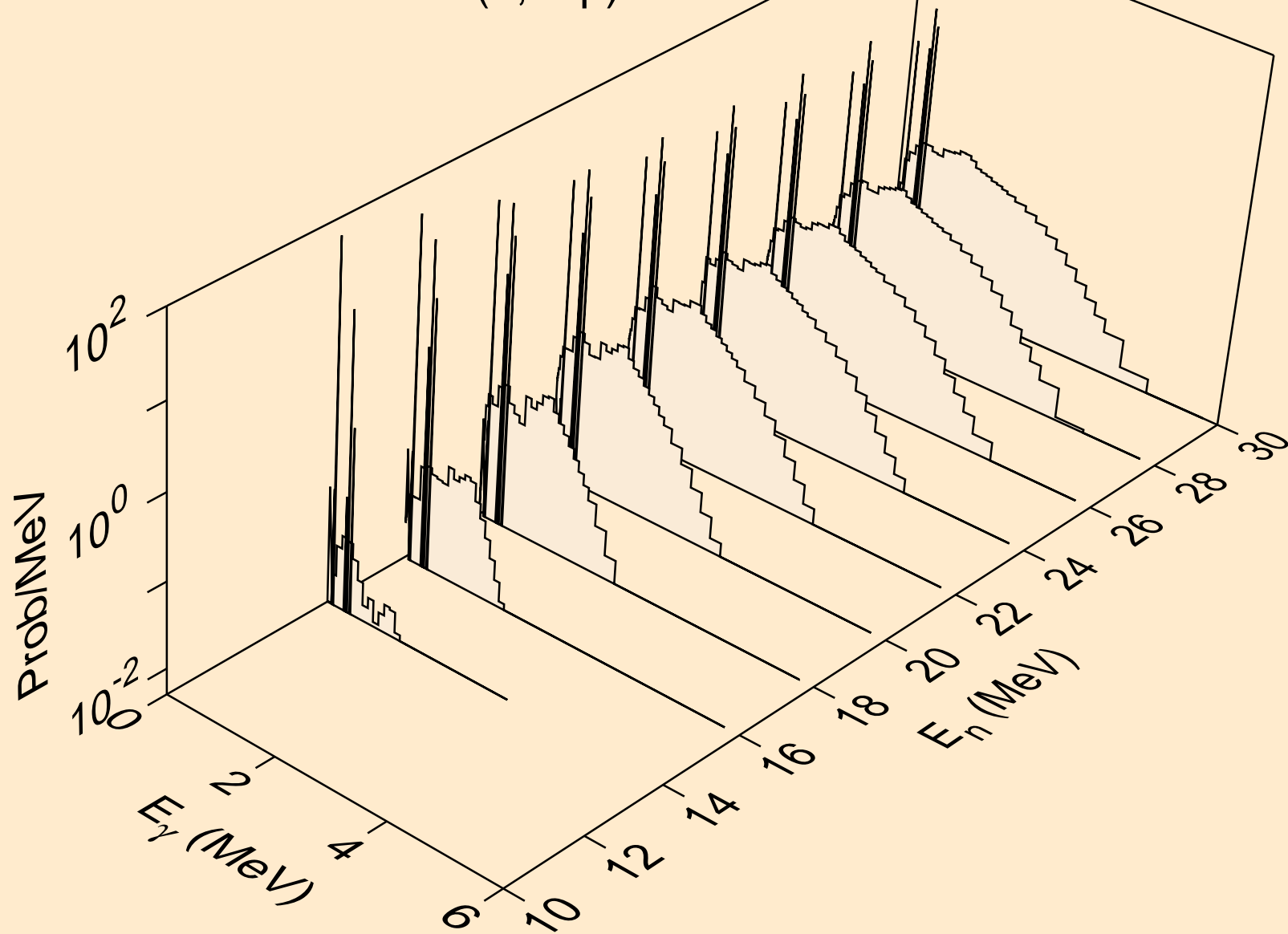
BI190M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



BI190M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

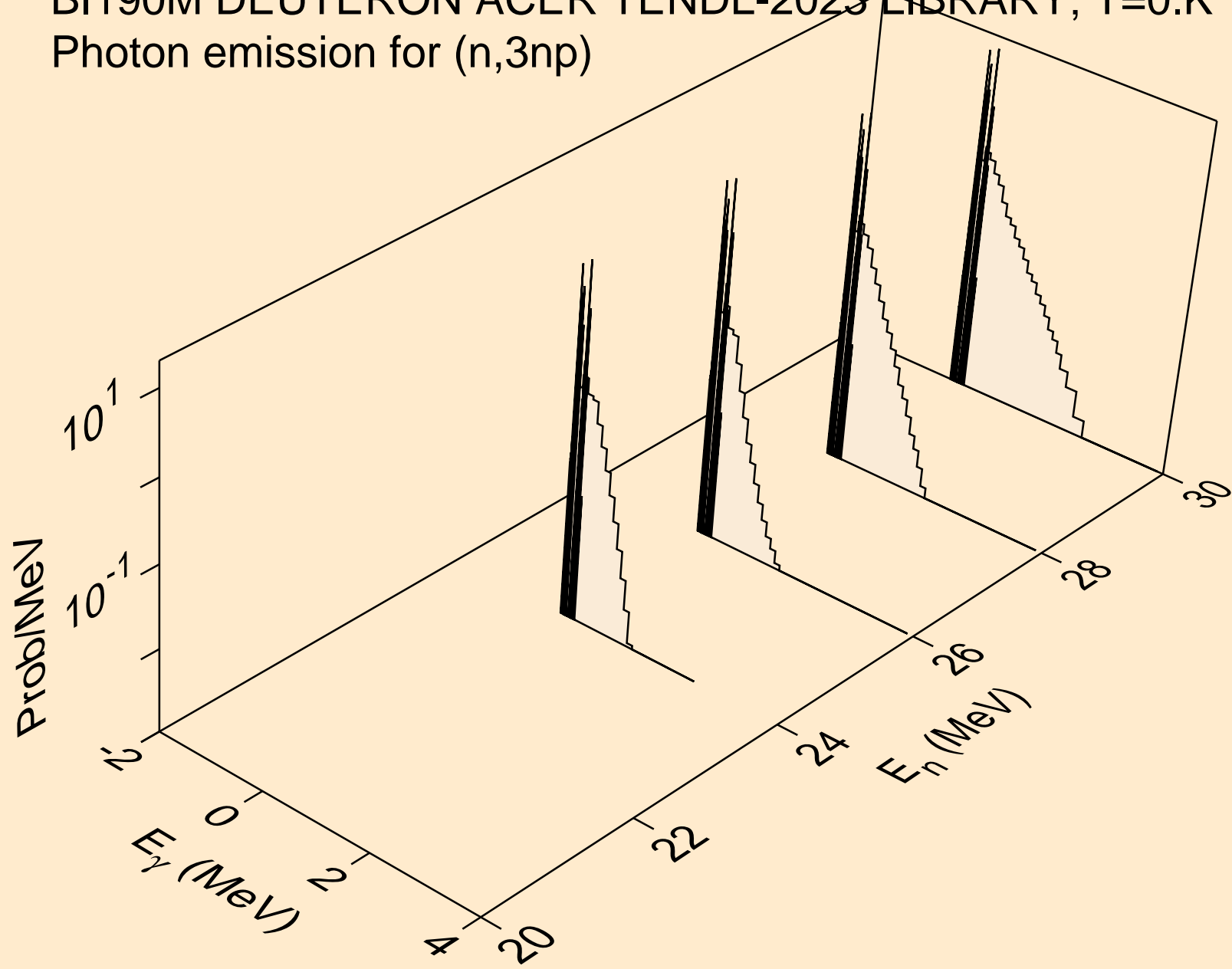


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Photon emission for (n,2np)

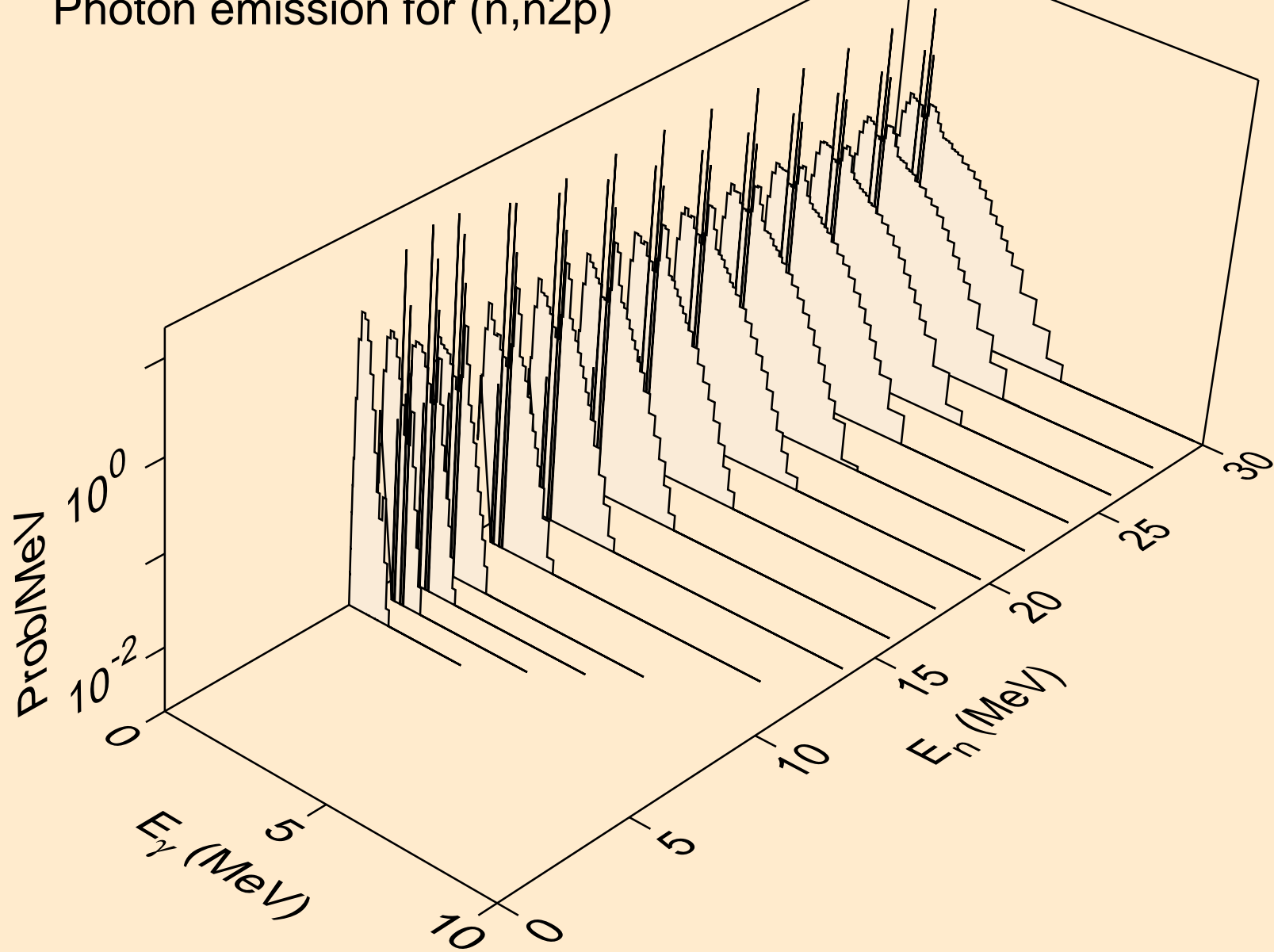




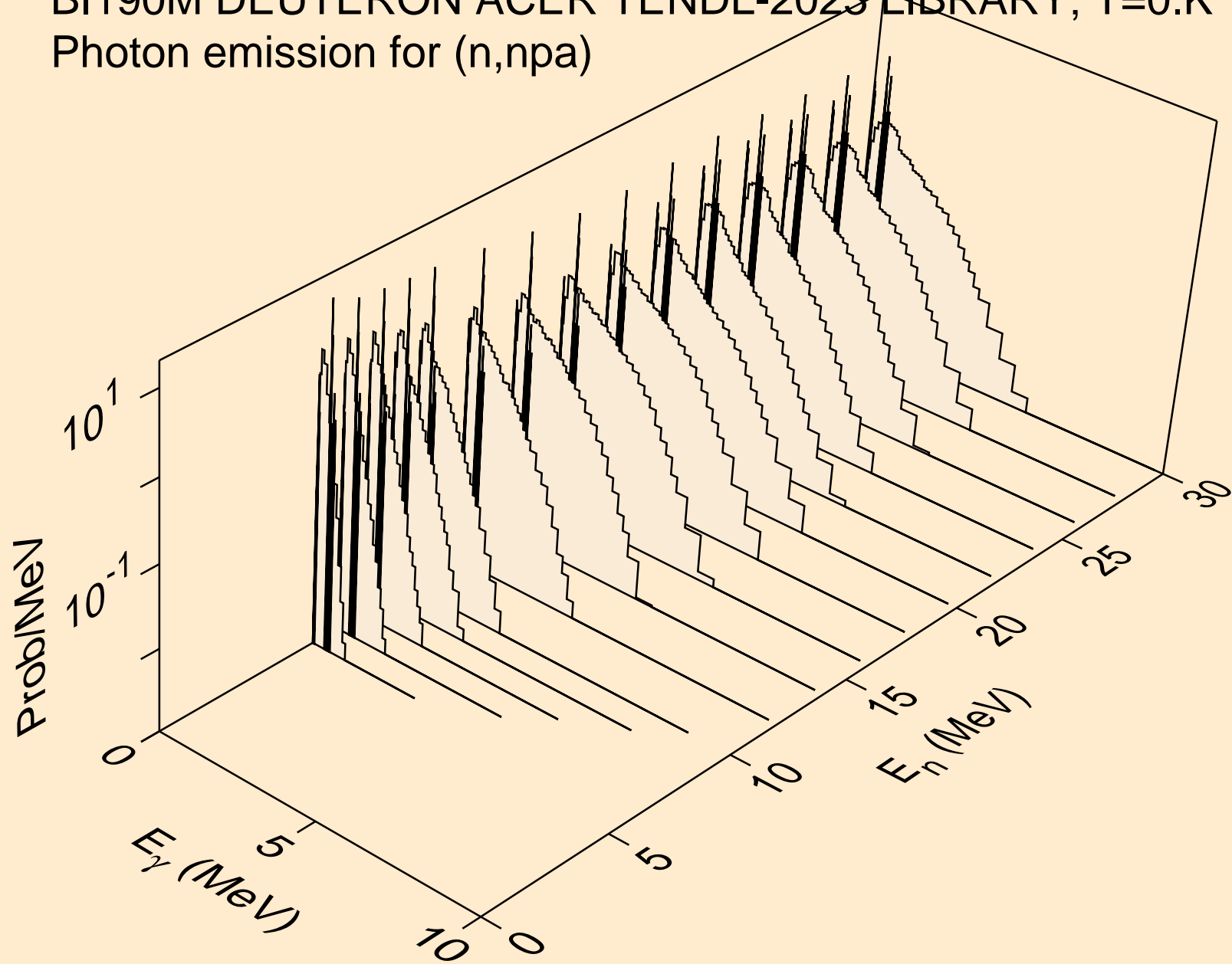
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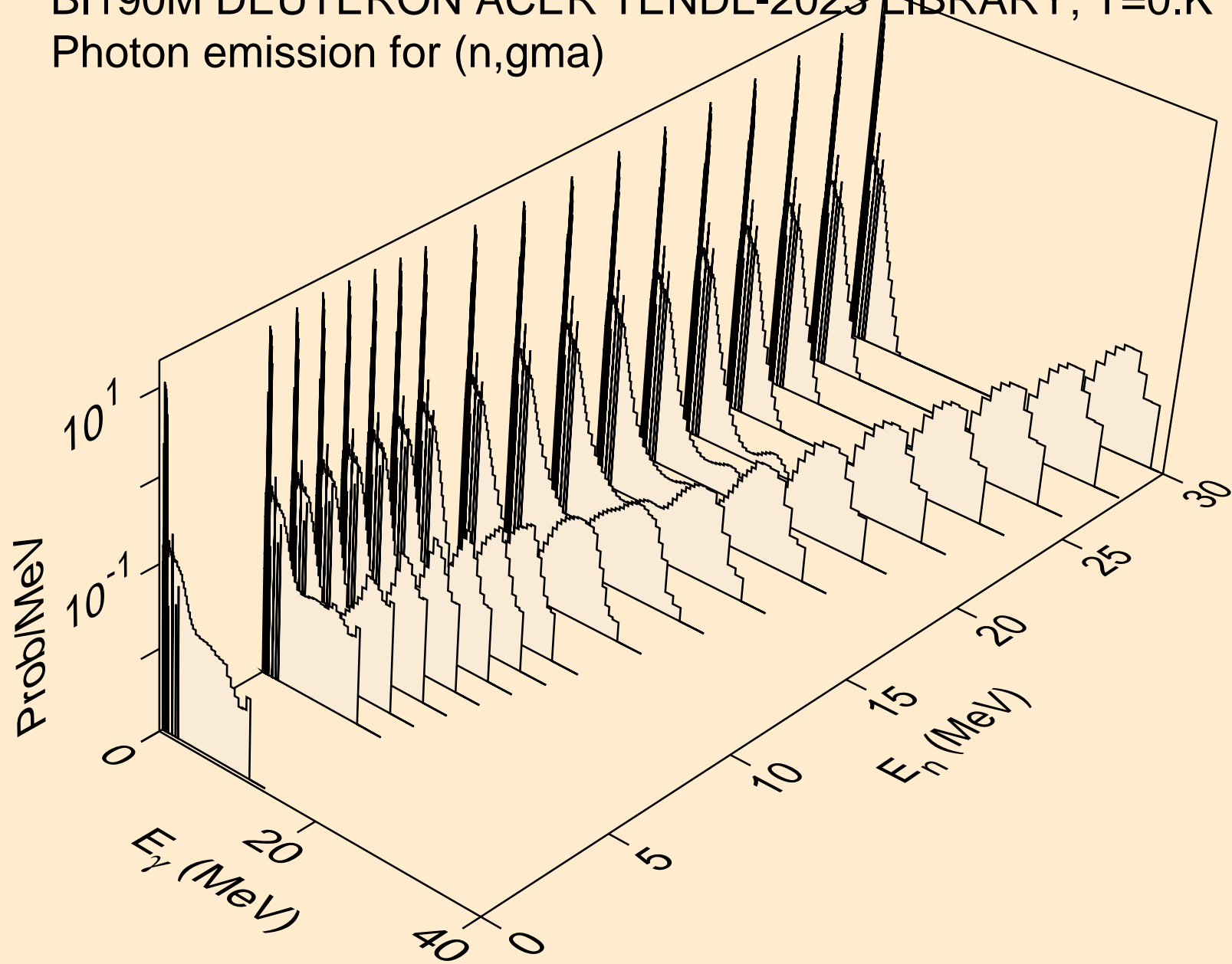
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Photon emission for (n,n2p)



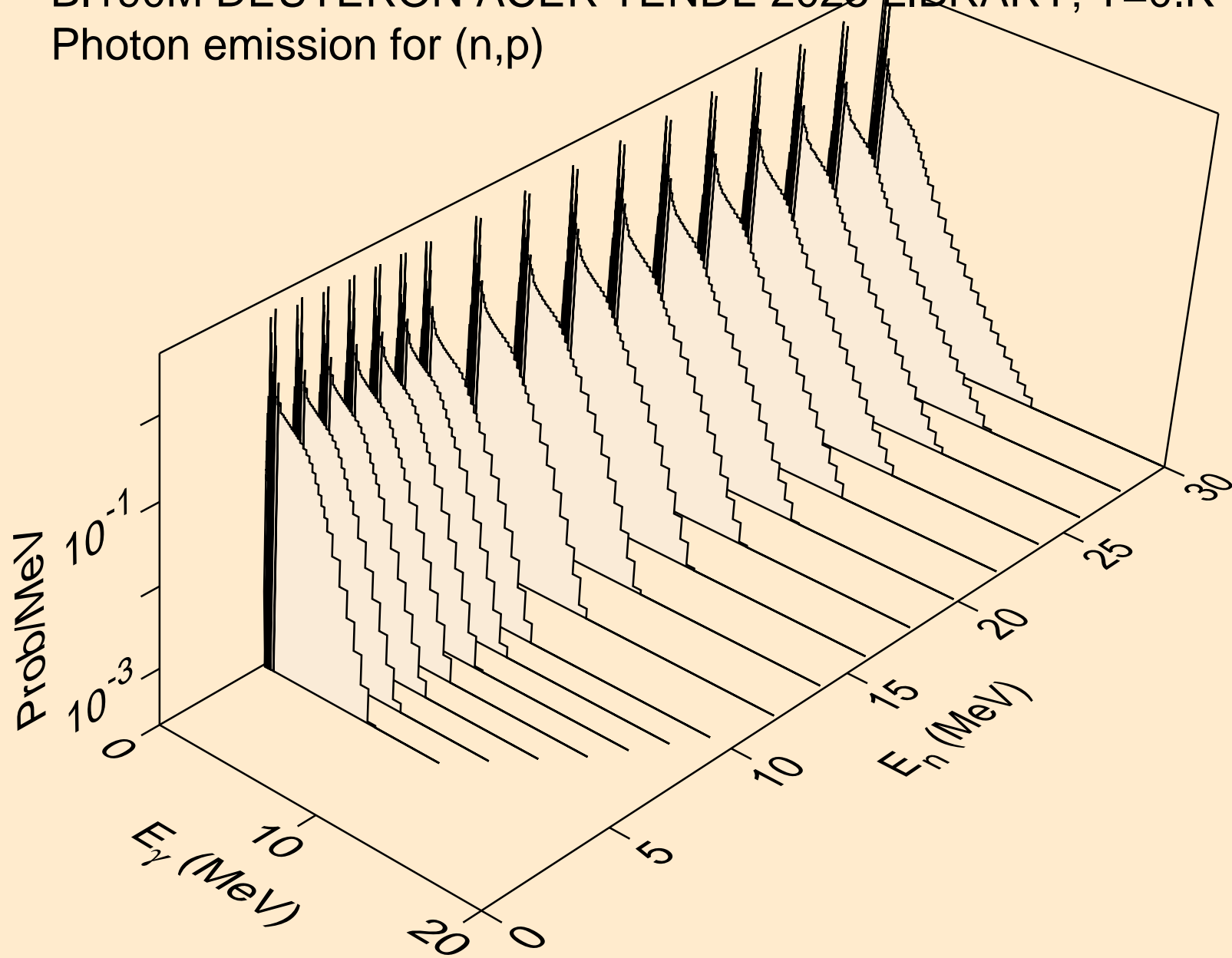
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Photon emission for (n,npa)



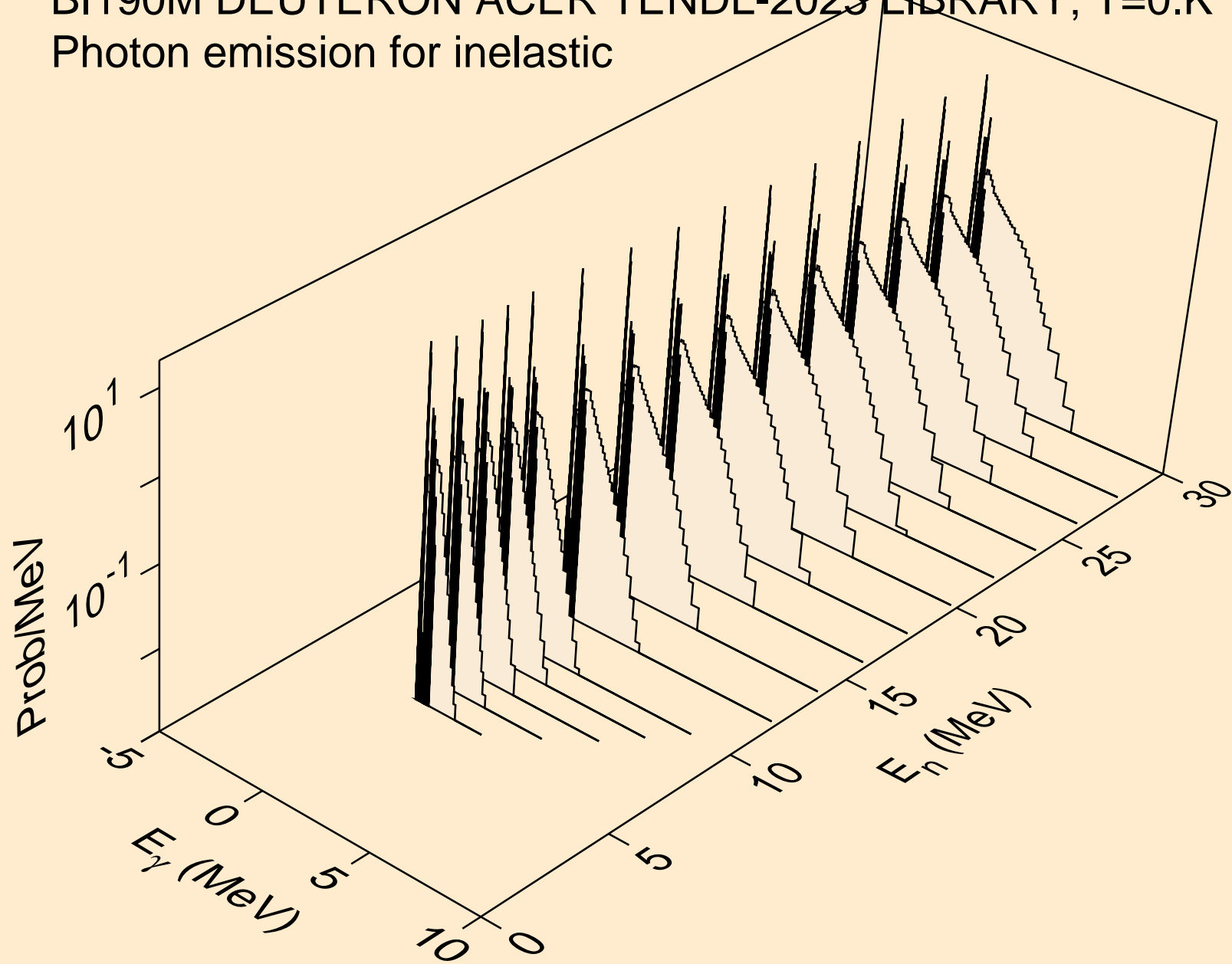
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Photon emission for (n,gma)



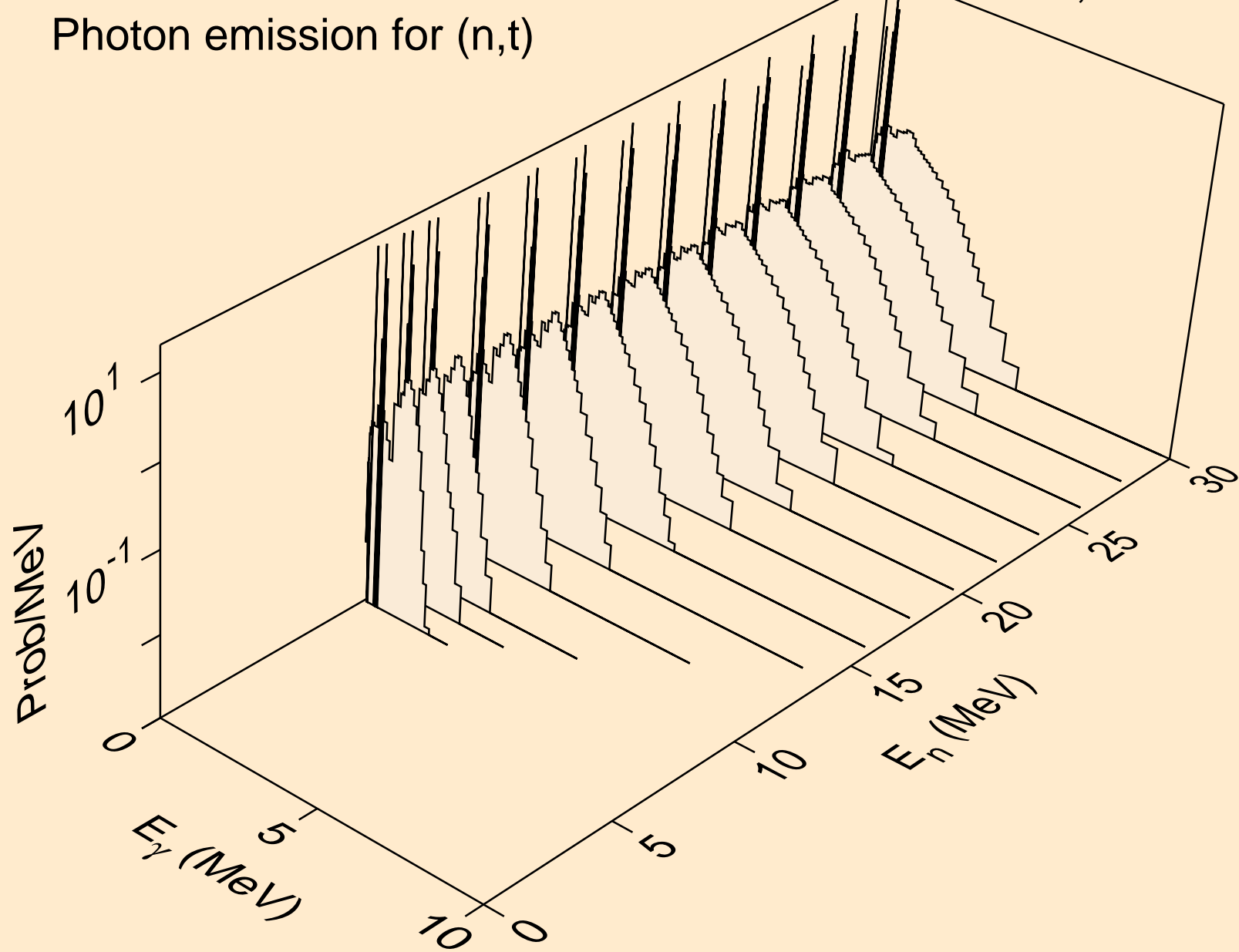
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Photon emission for (n,p)



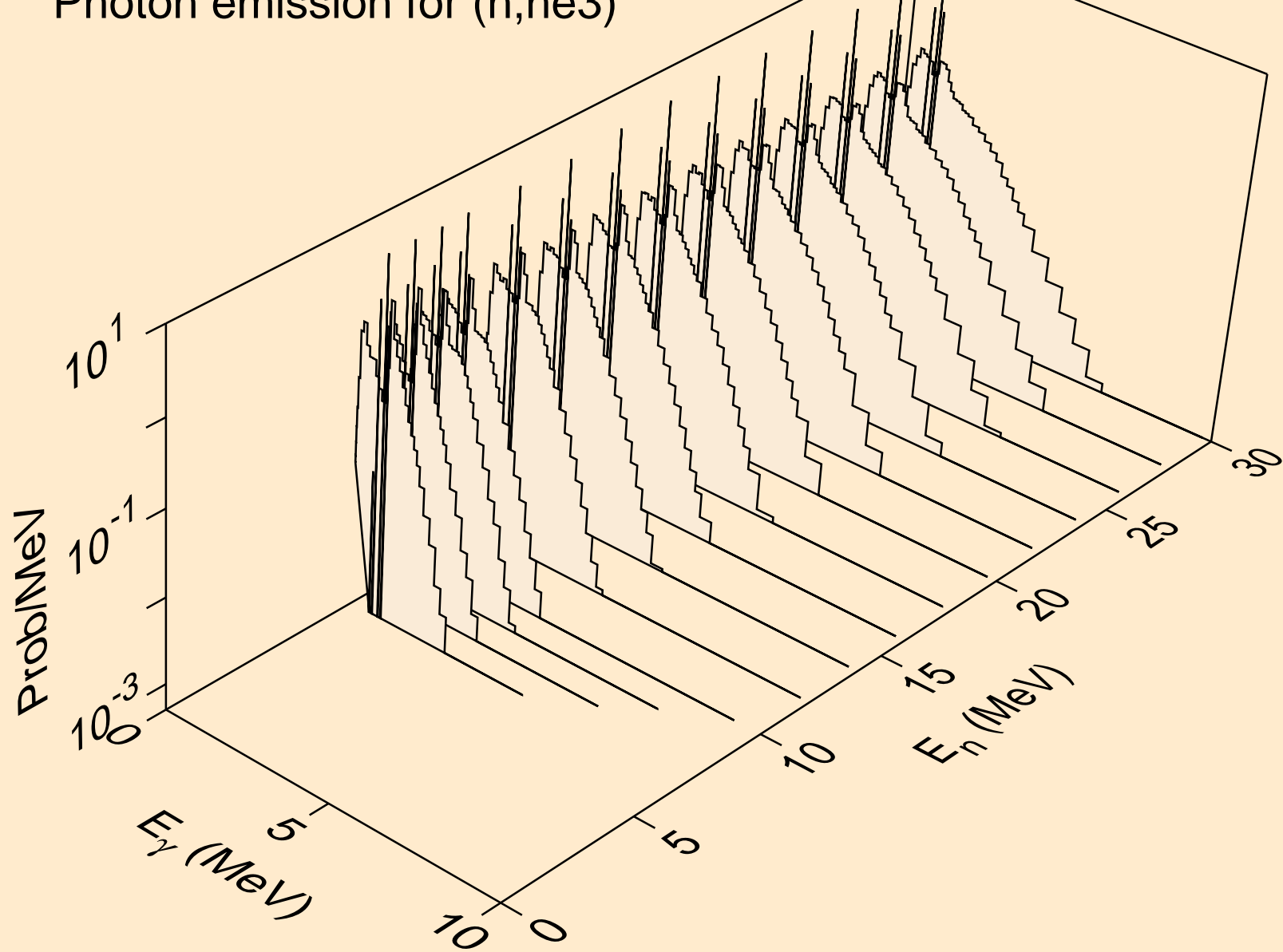
BI190M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



BI190M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)

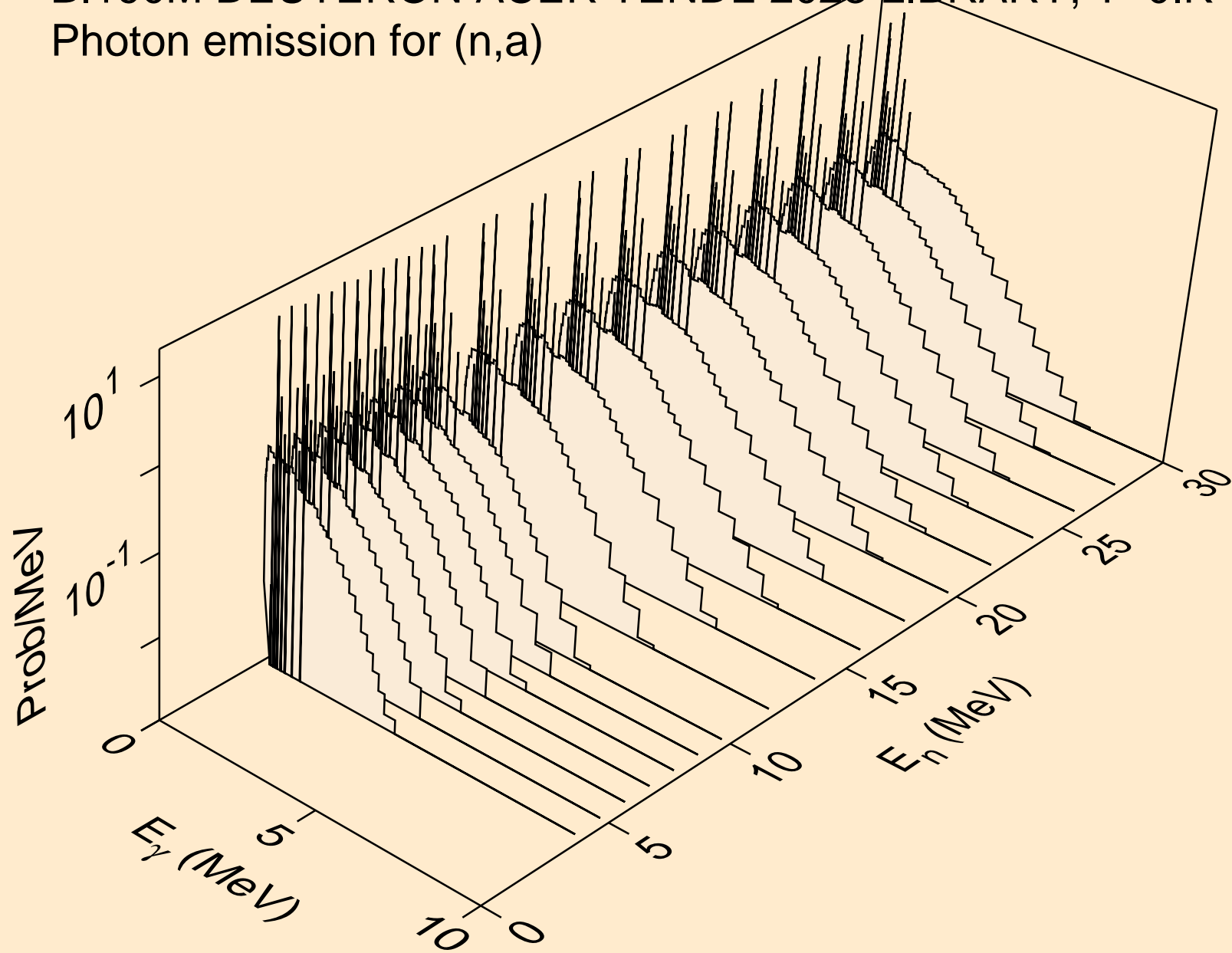


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Photon emission for (n,he3)

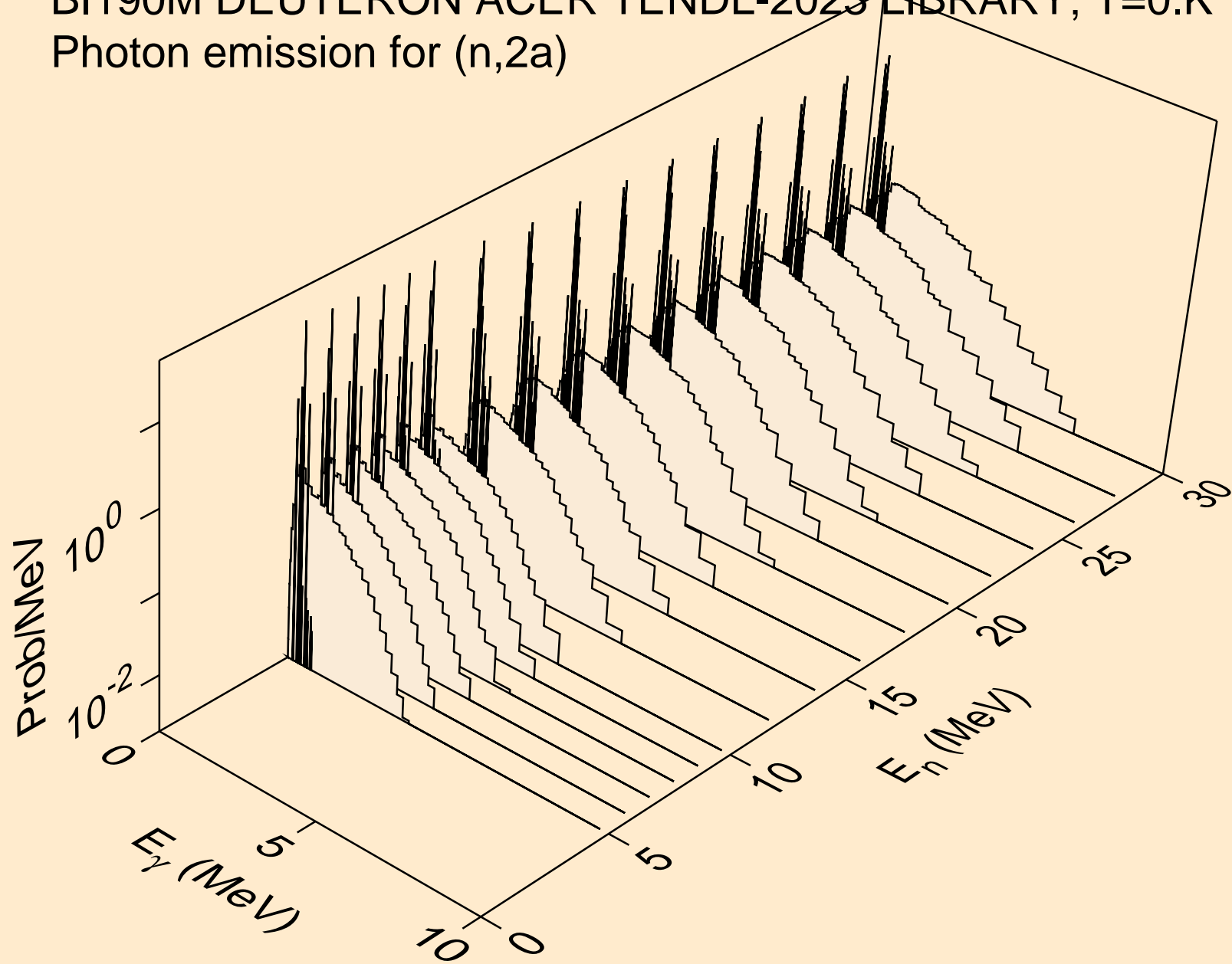




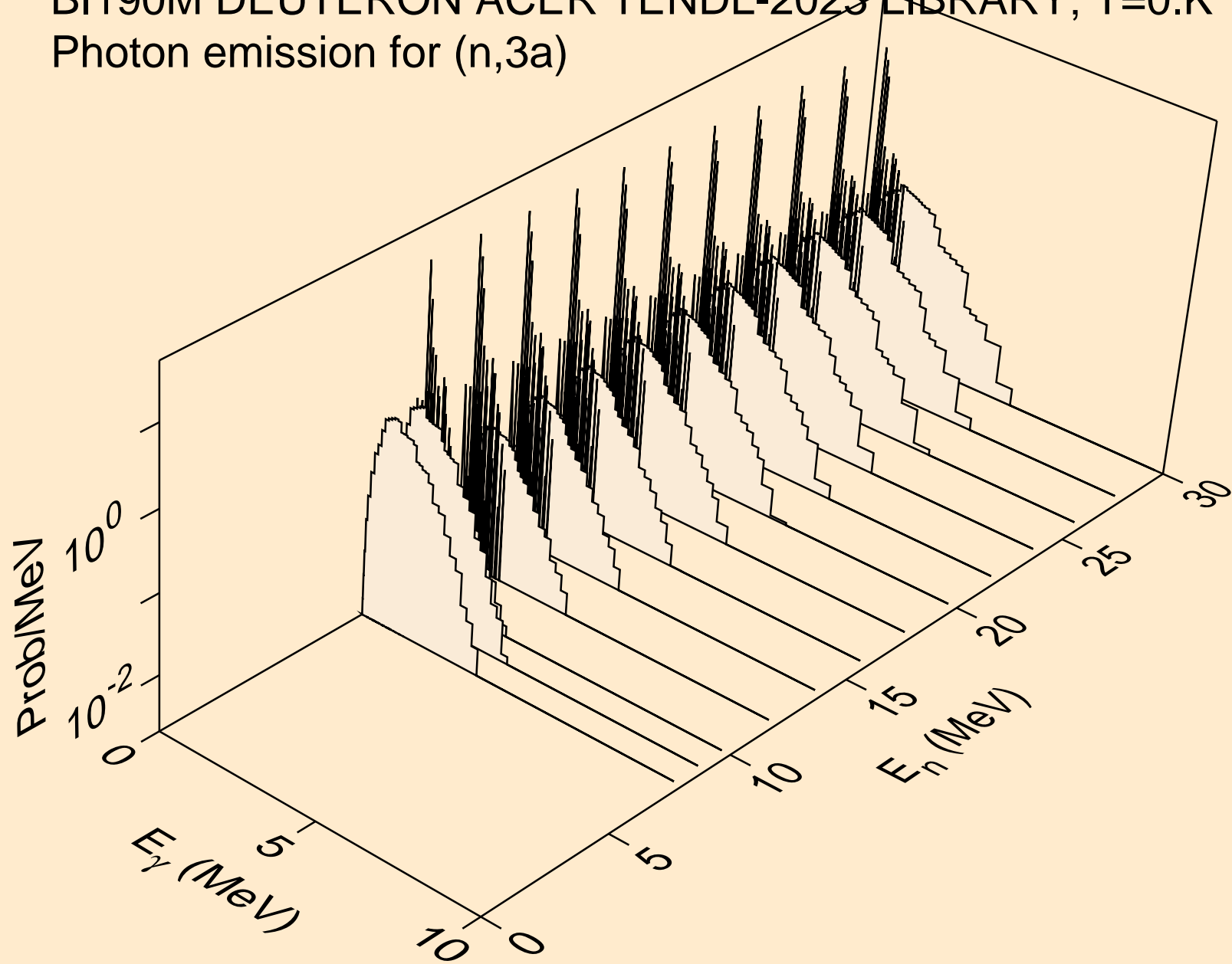
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Photon emission for (n,a)



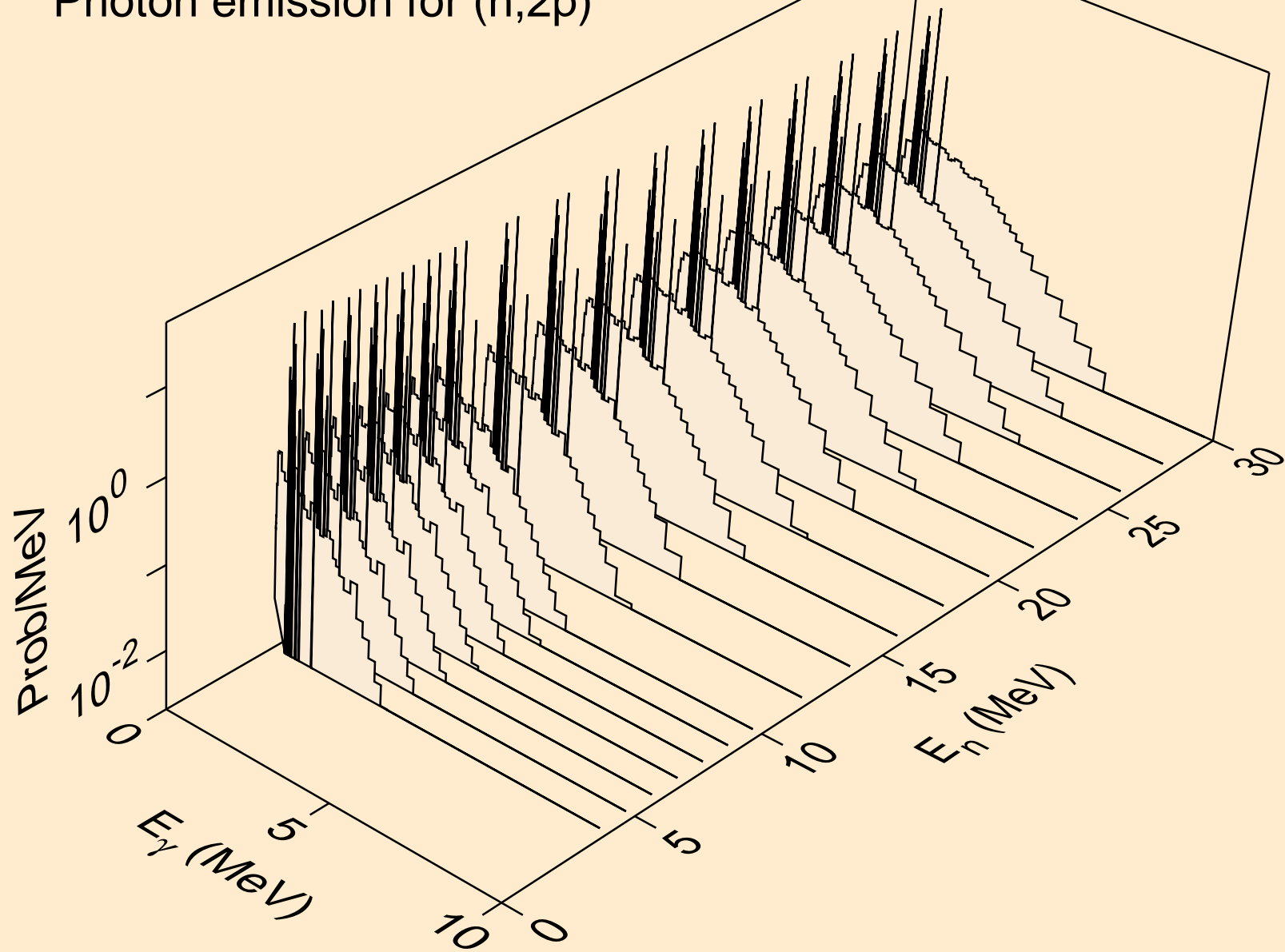
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Photon emission for (n,2a)



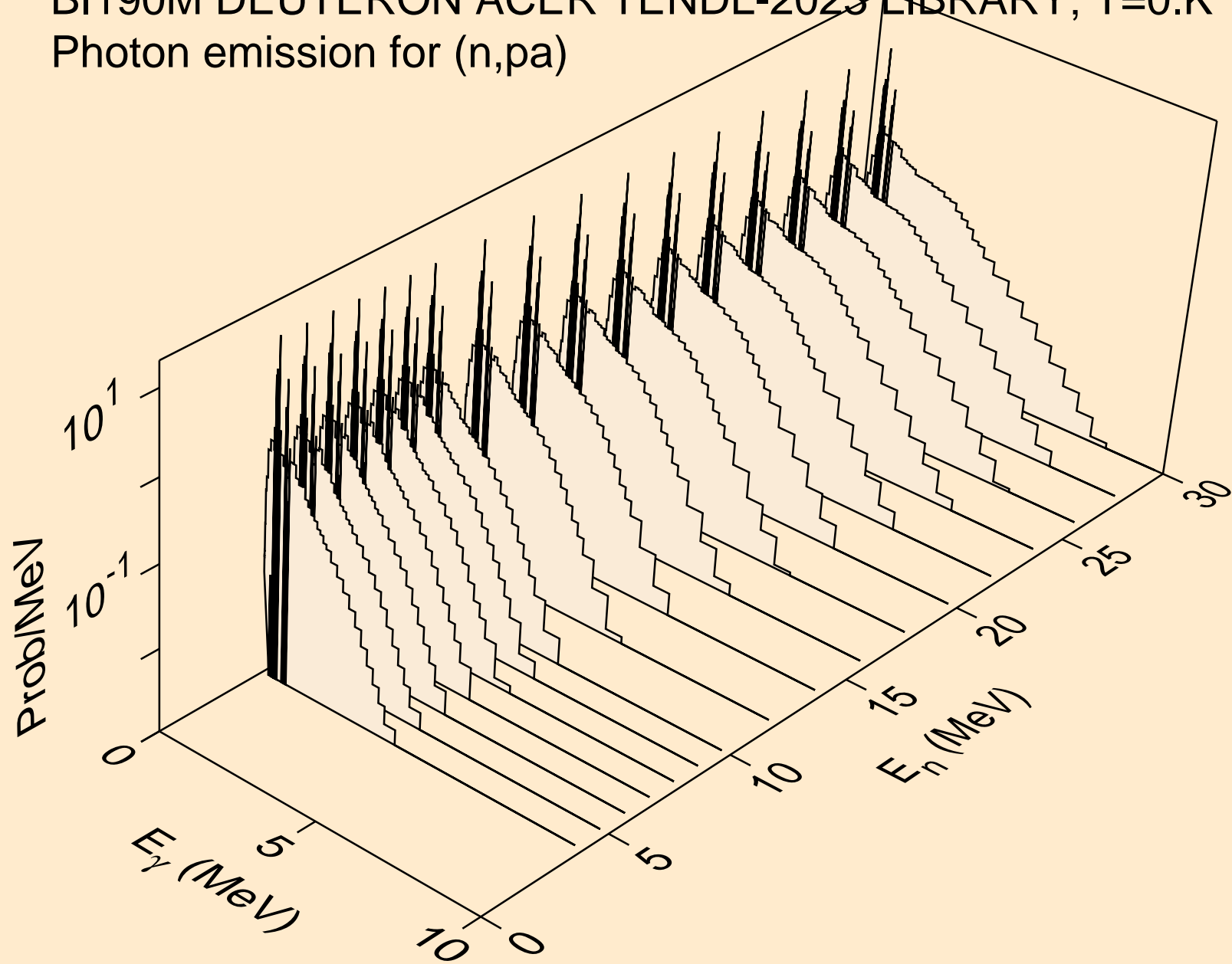
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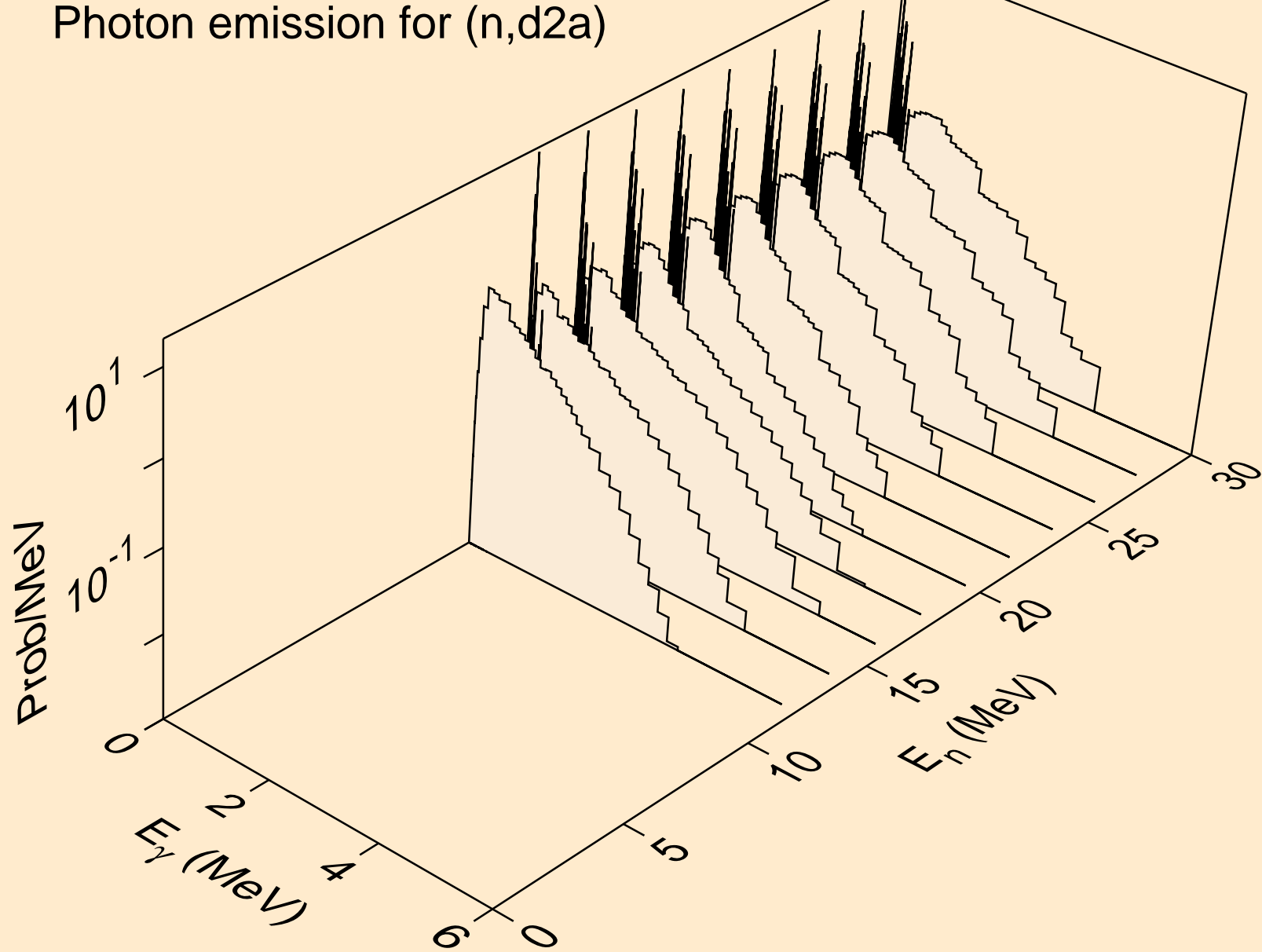
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Photon emission for (n,2p)



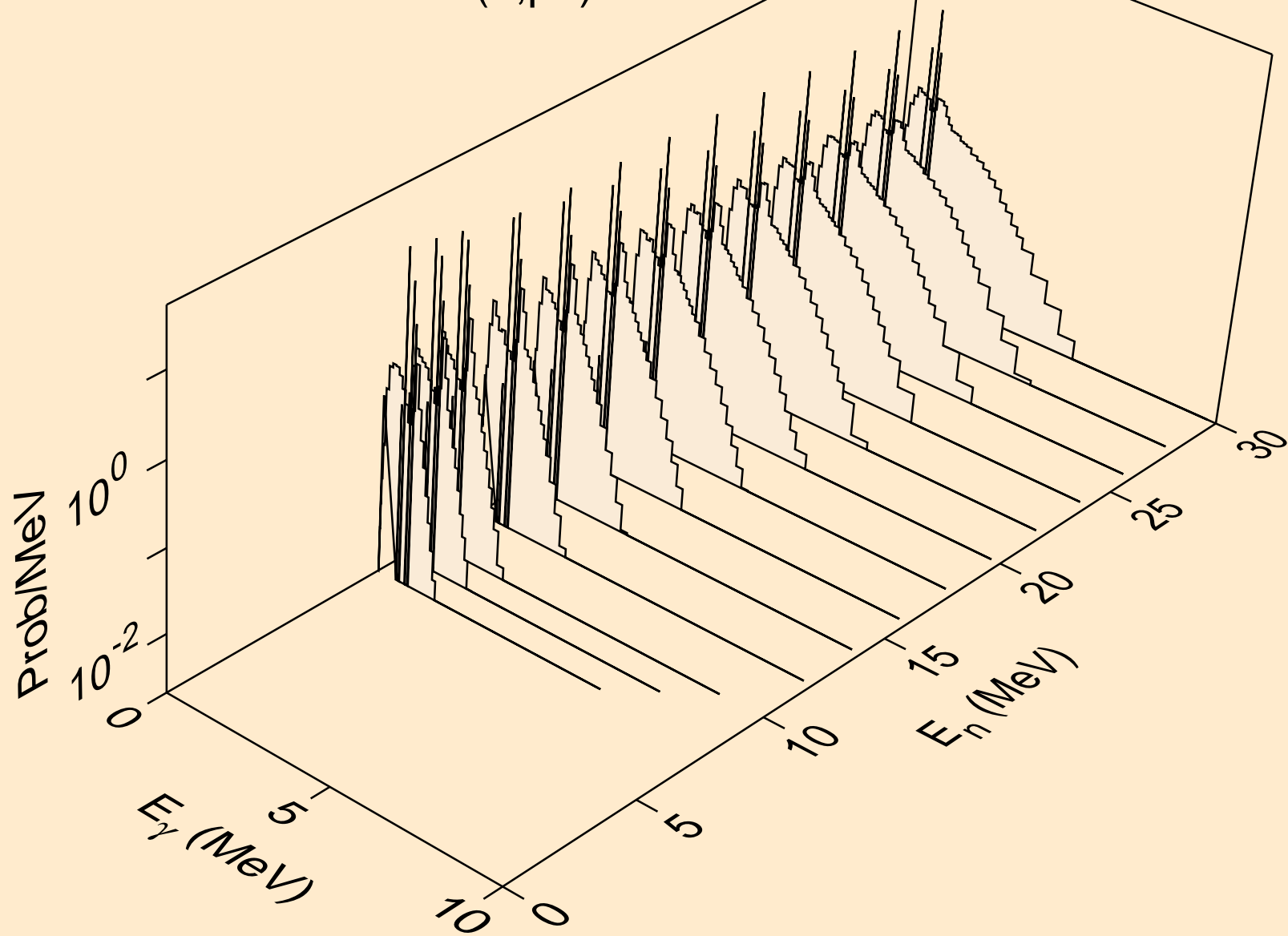
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Photon emission for (n,p $\alpha$ )



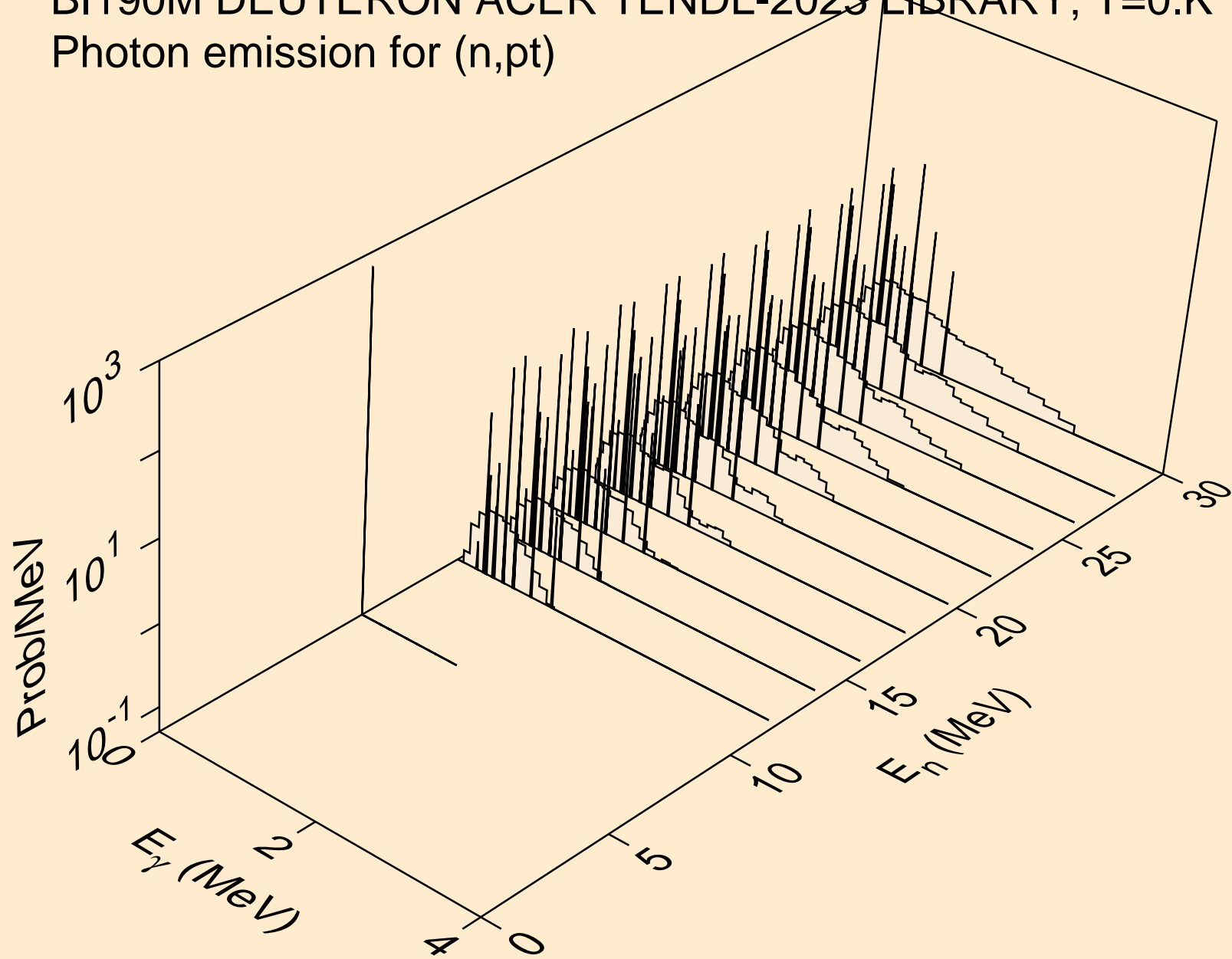
BI190M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d2a)



BI190M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)

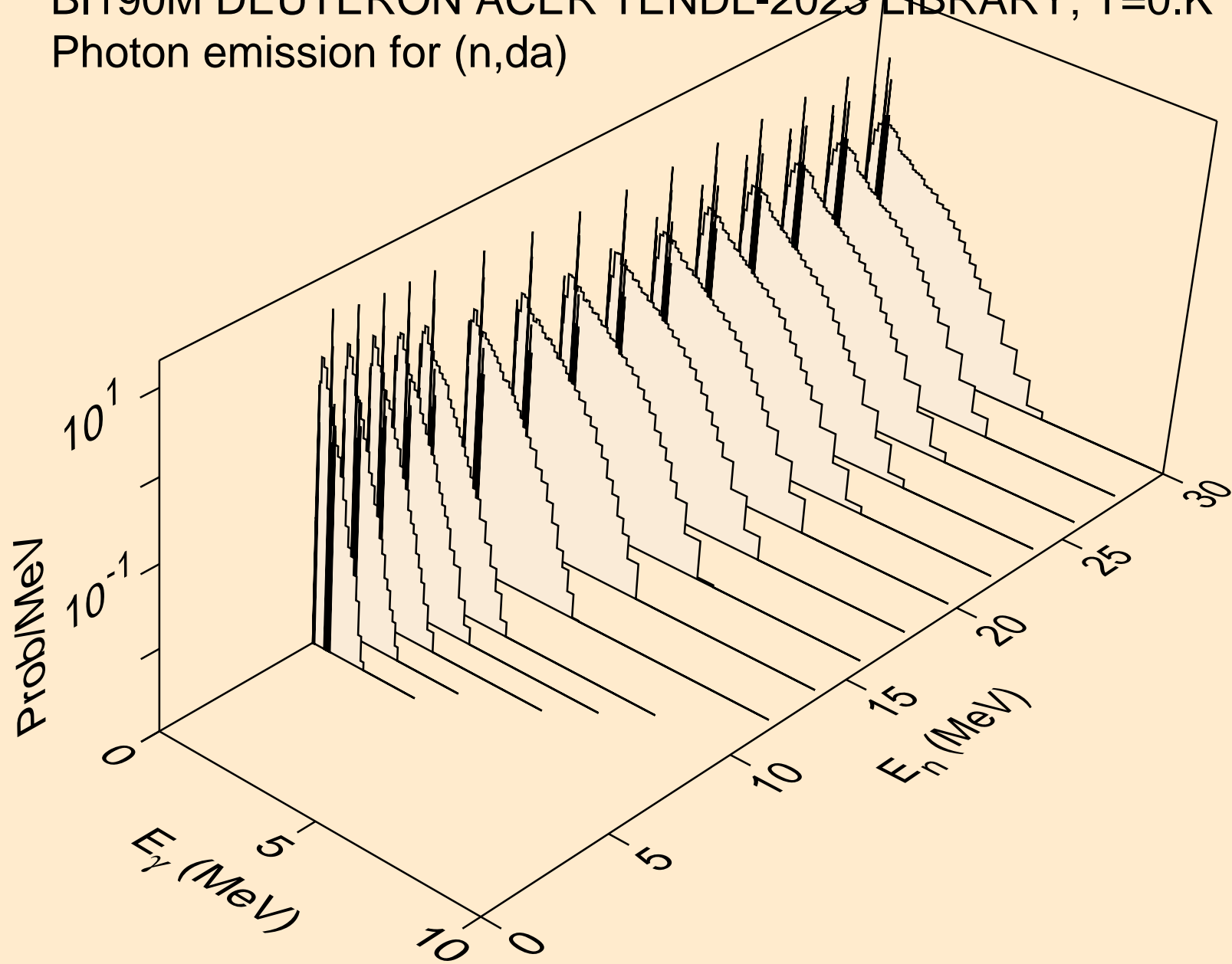


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Photon emission for (n,pt)



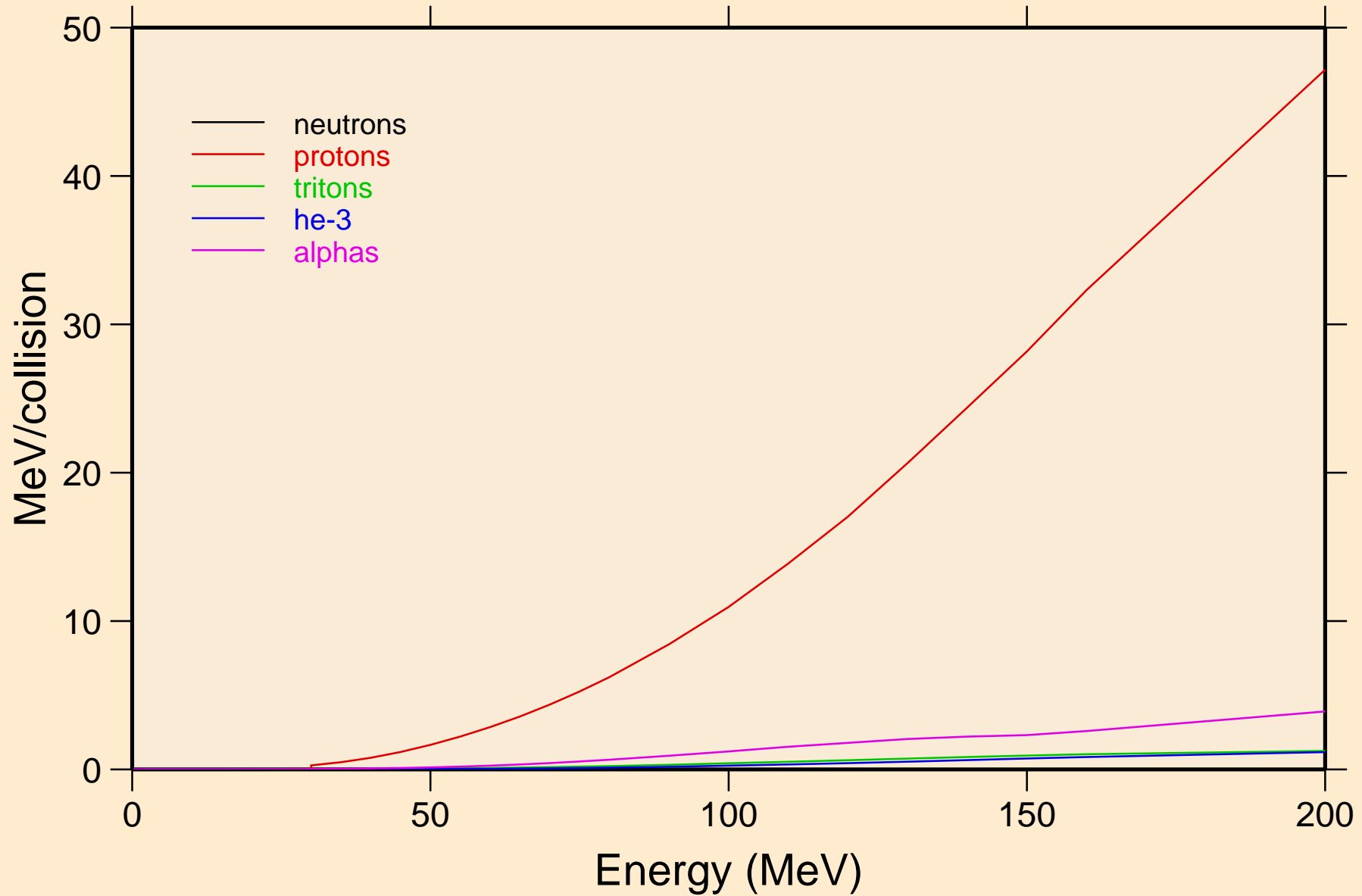


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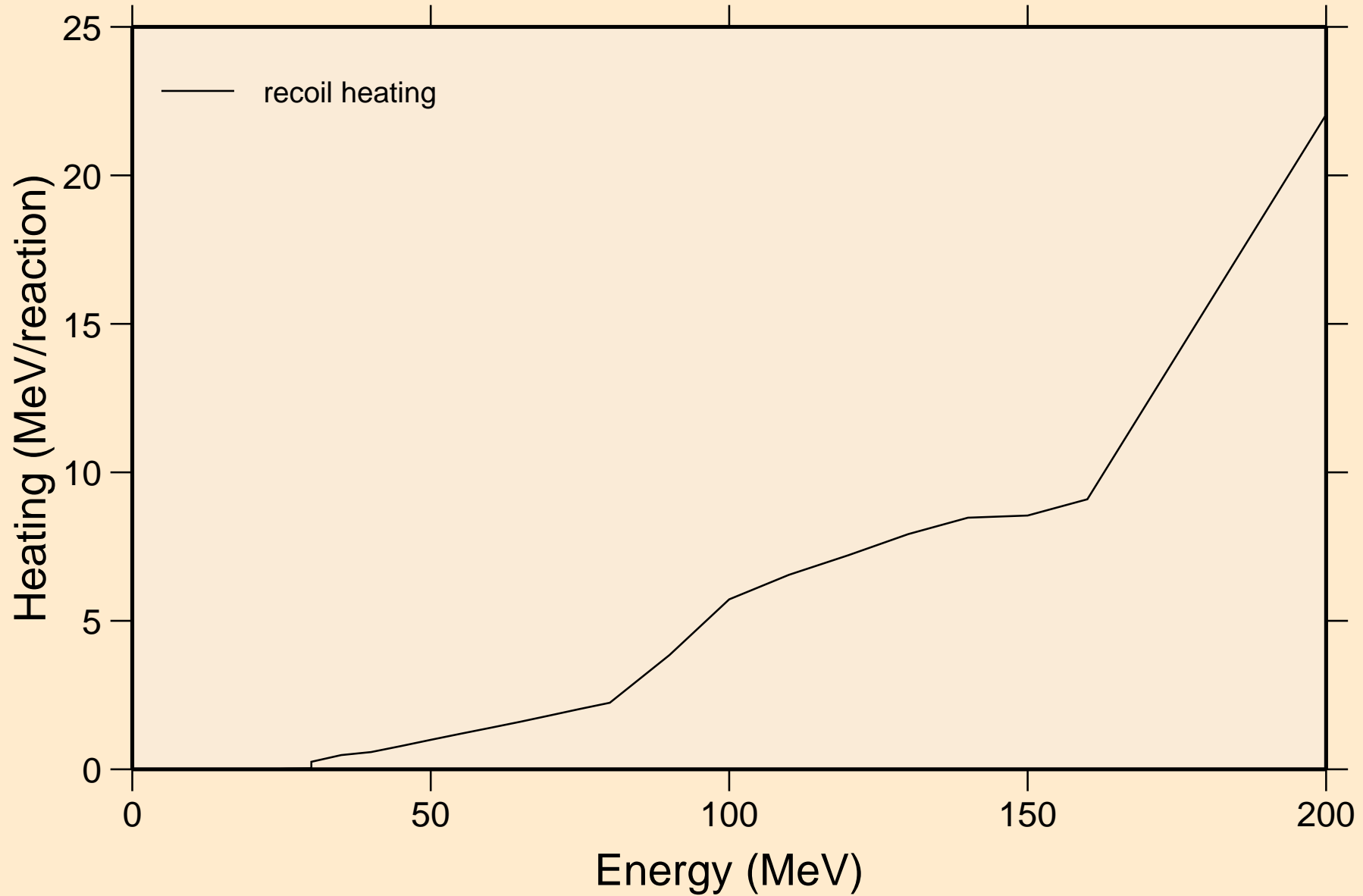


# BI190M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K

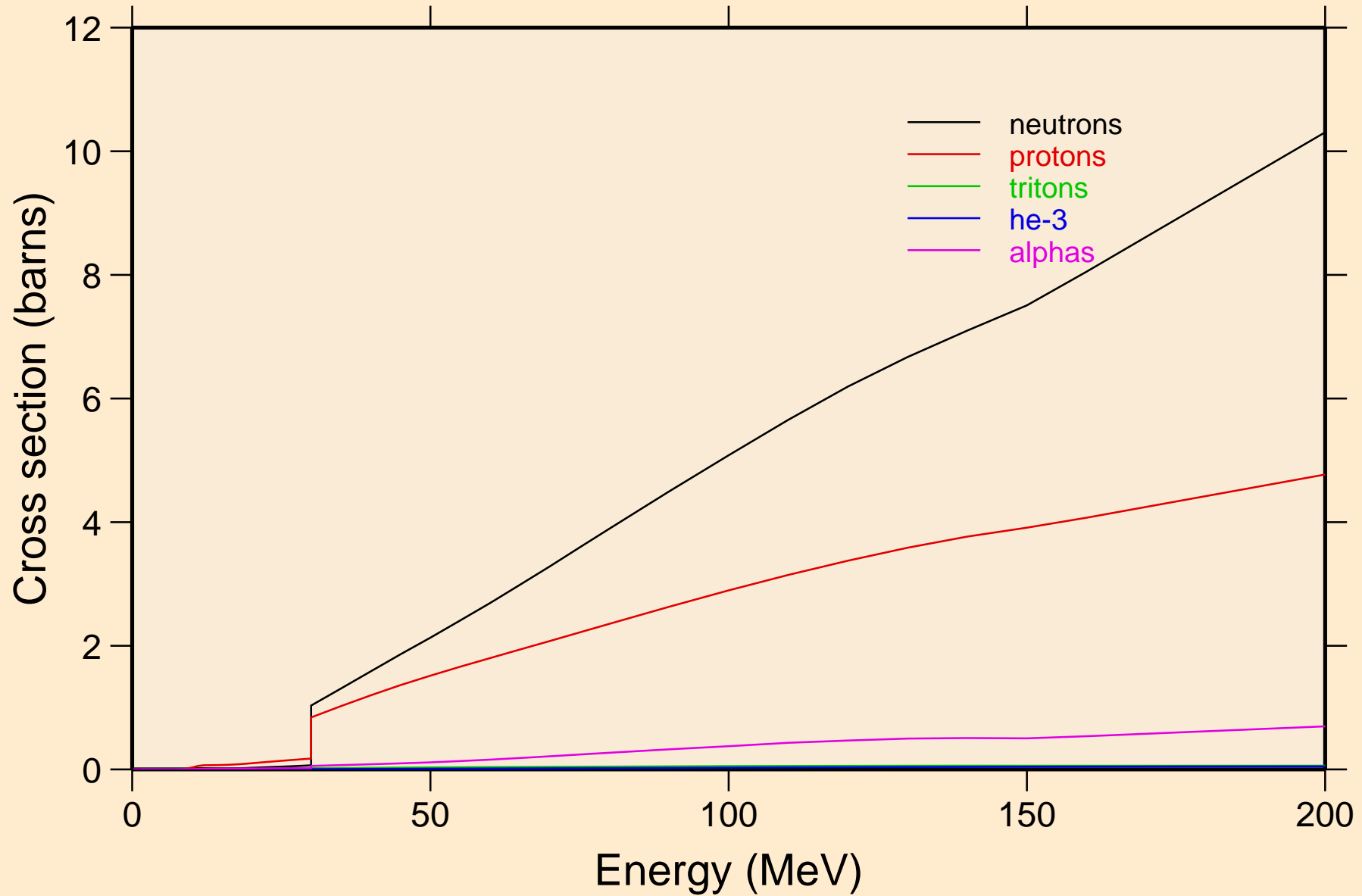
## Particle heating contributions



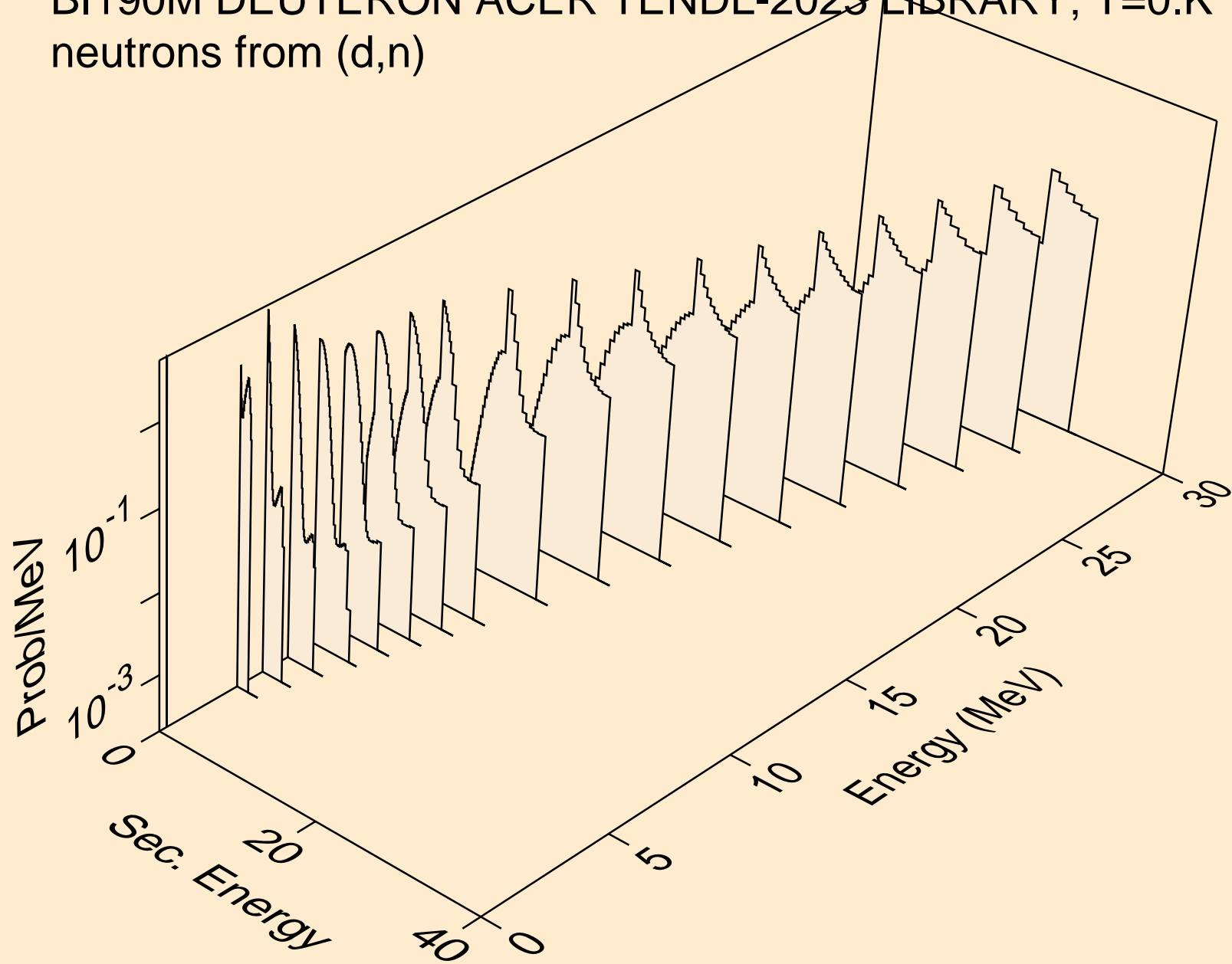
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Recoil Heating



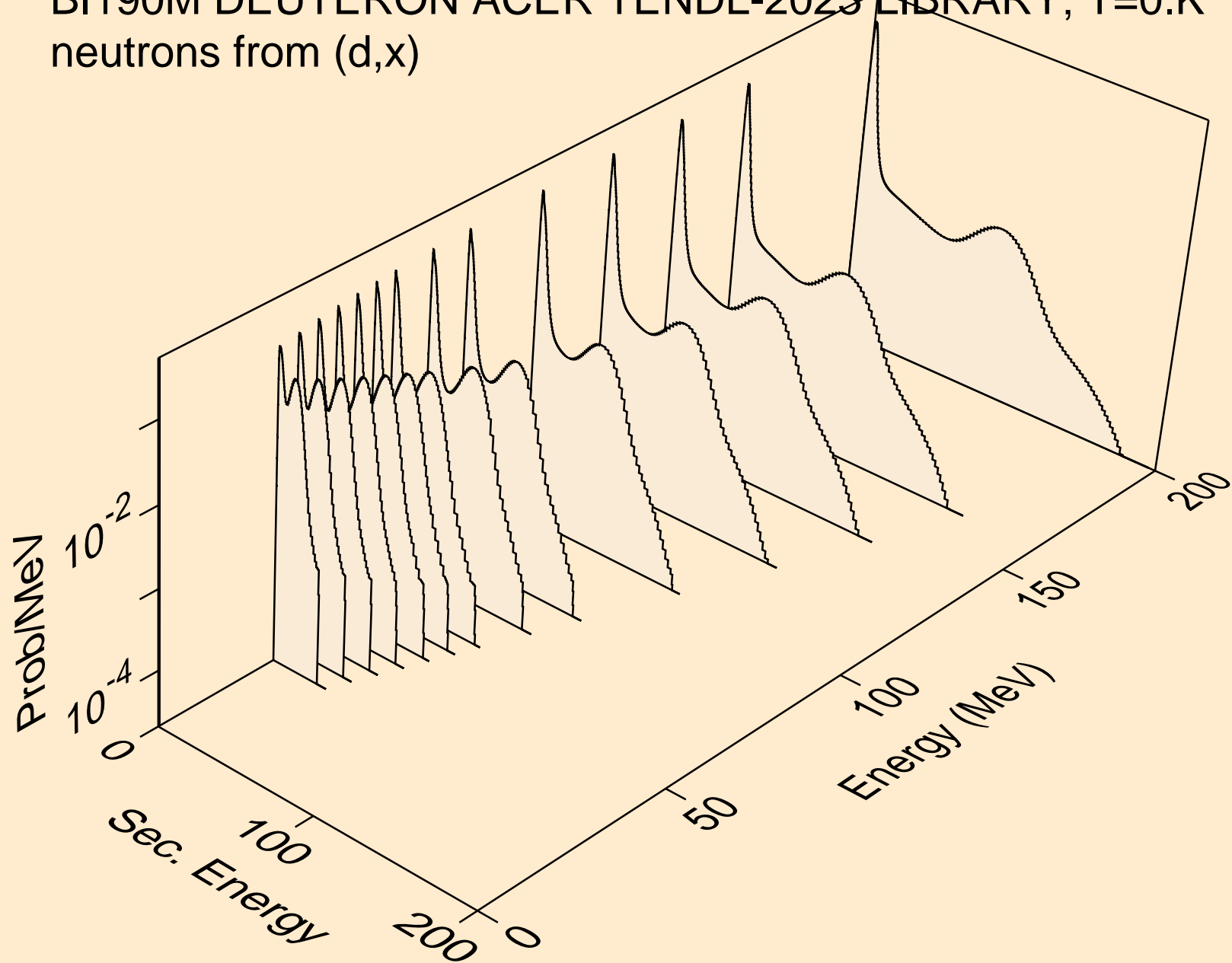
BI190M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



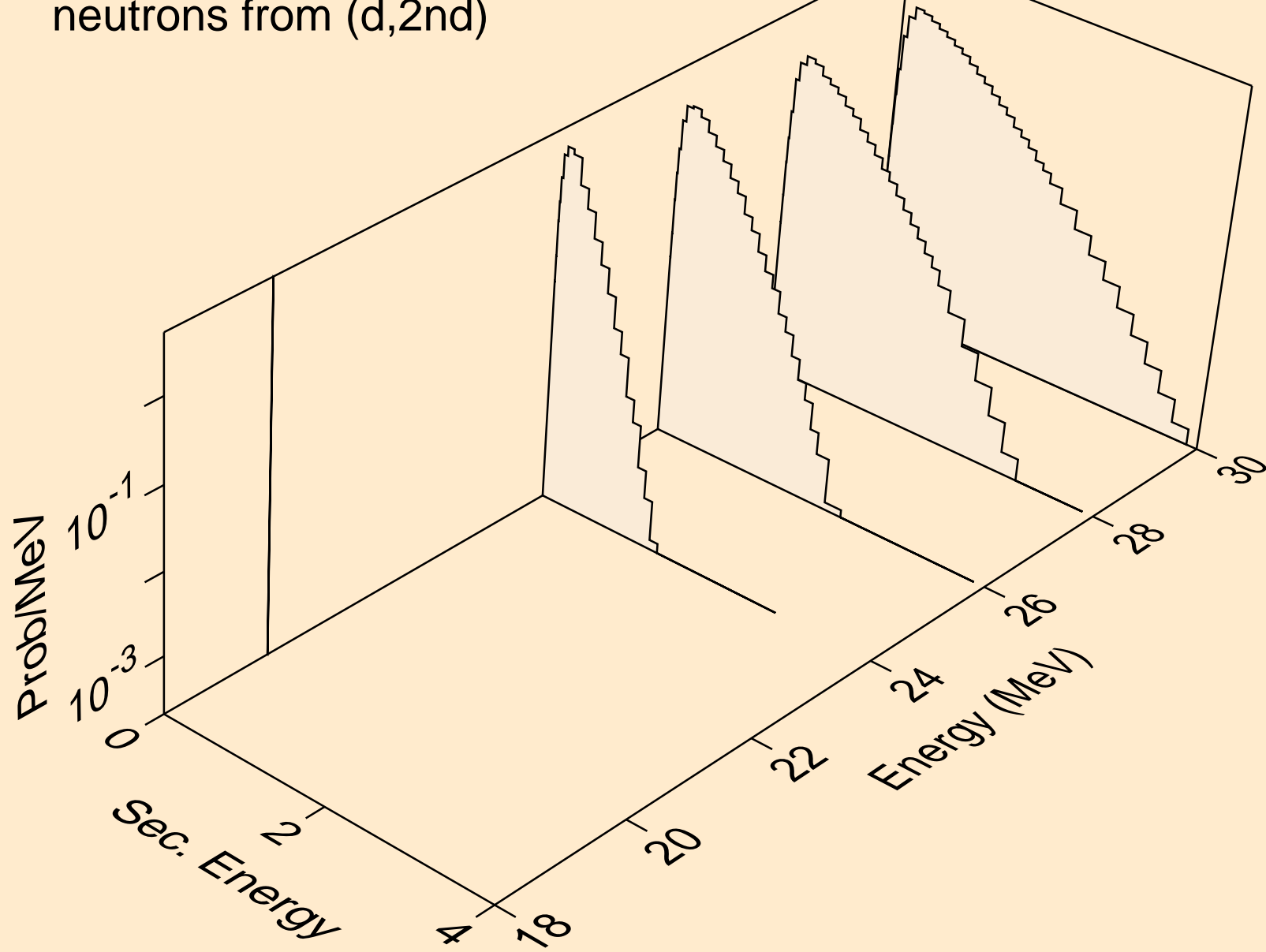
BI190M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,n)



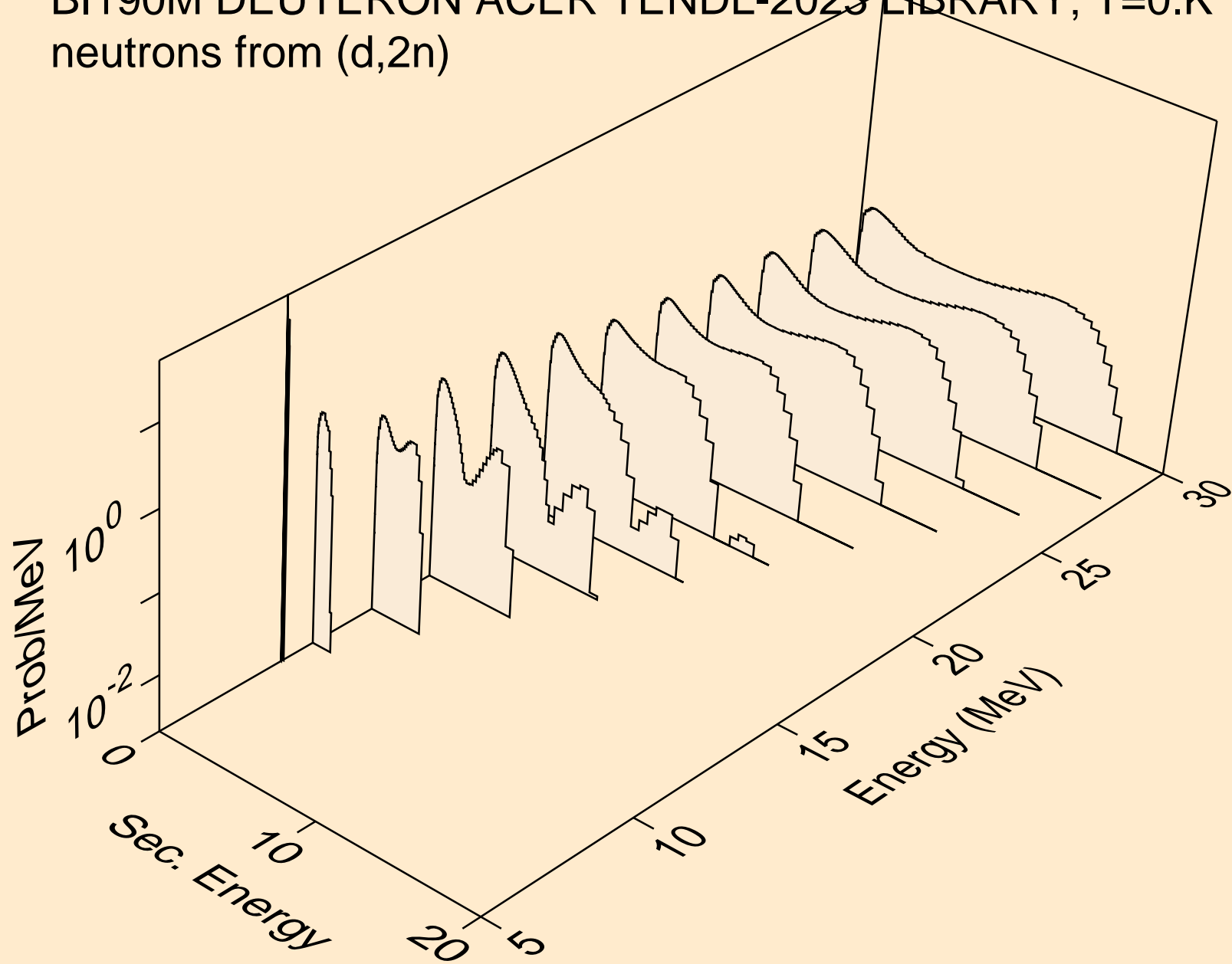
BI190M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,x)



BI190M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,2nd)

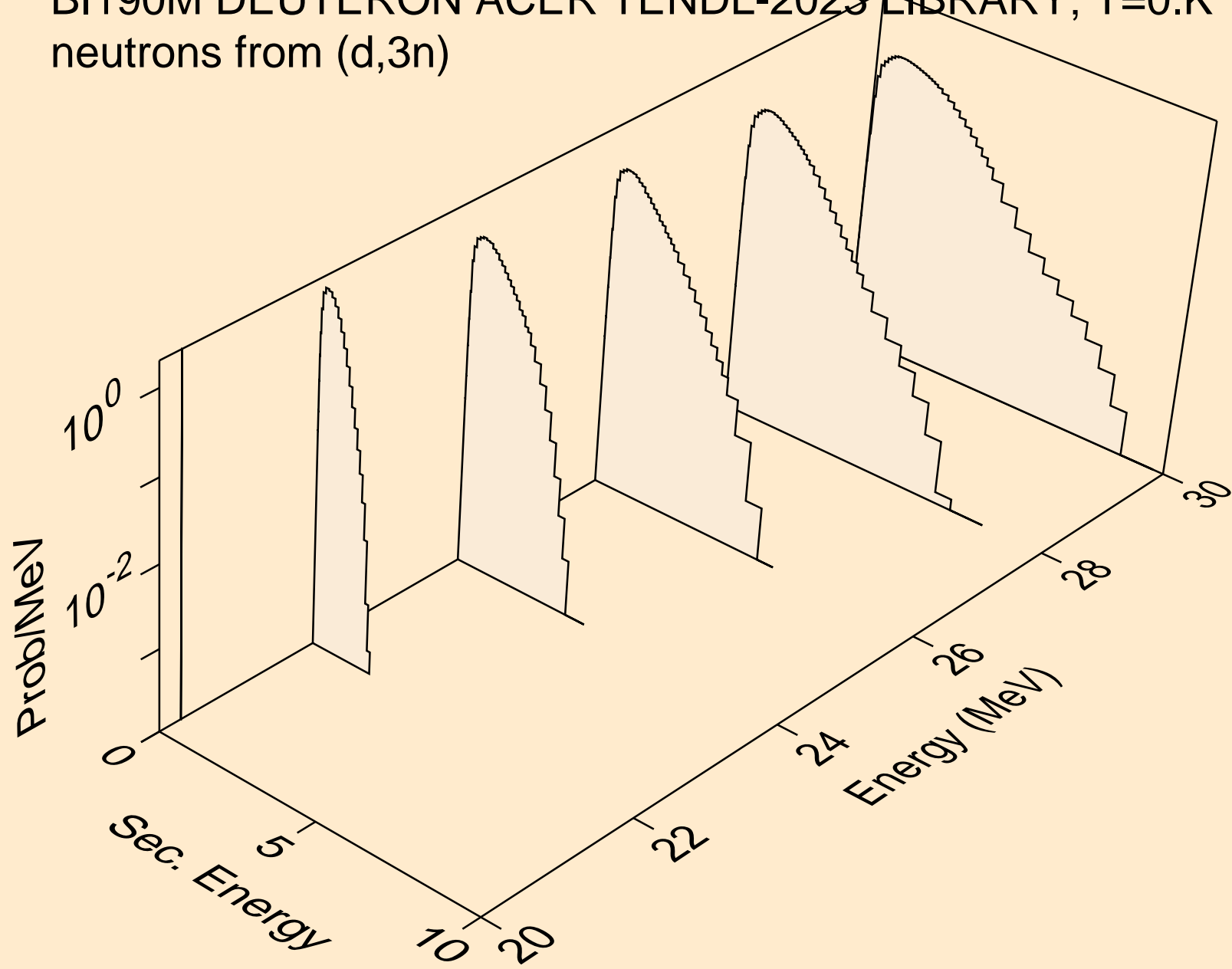


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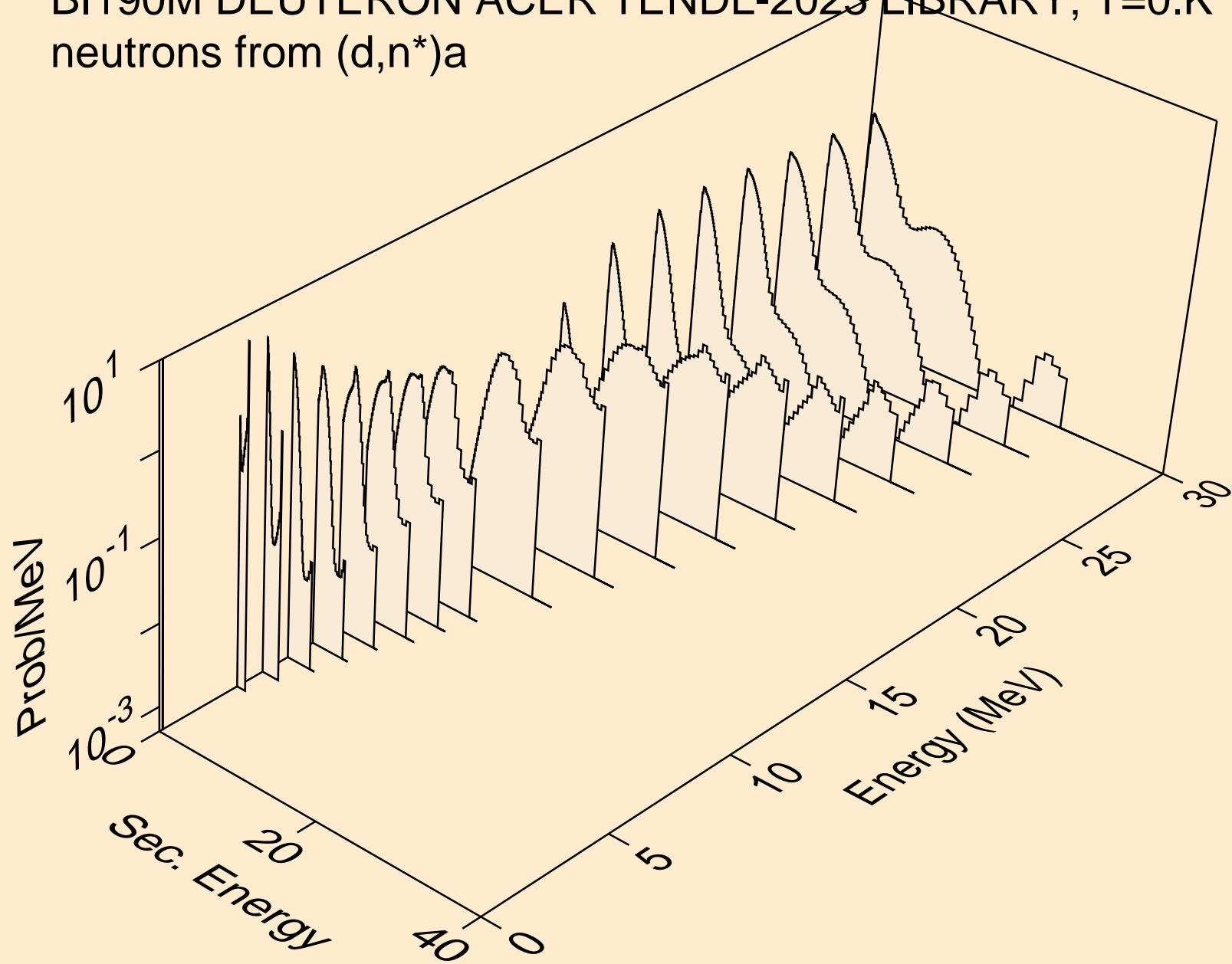




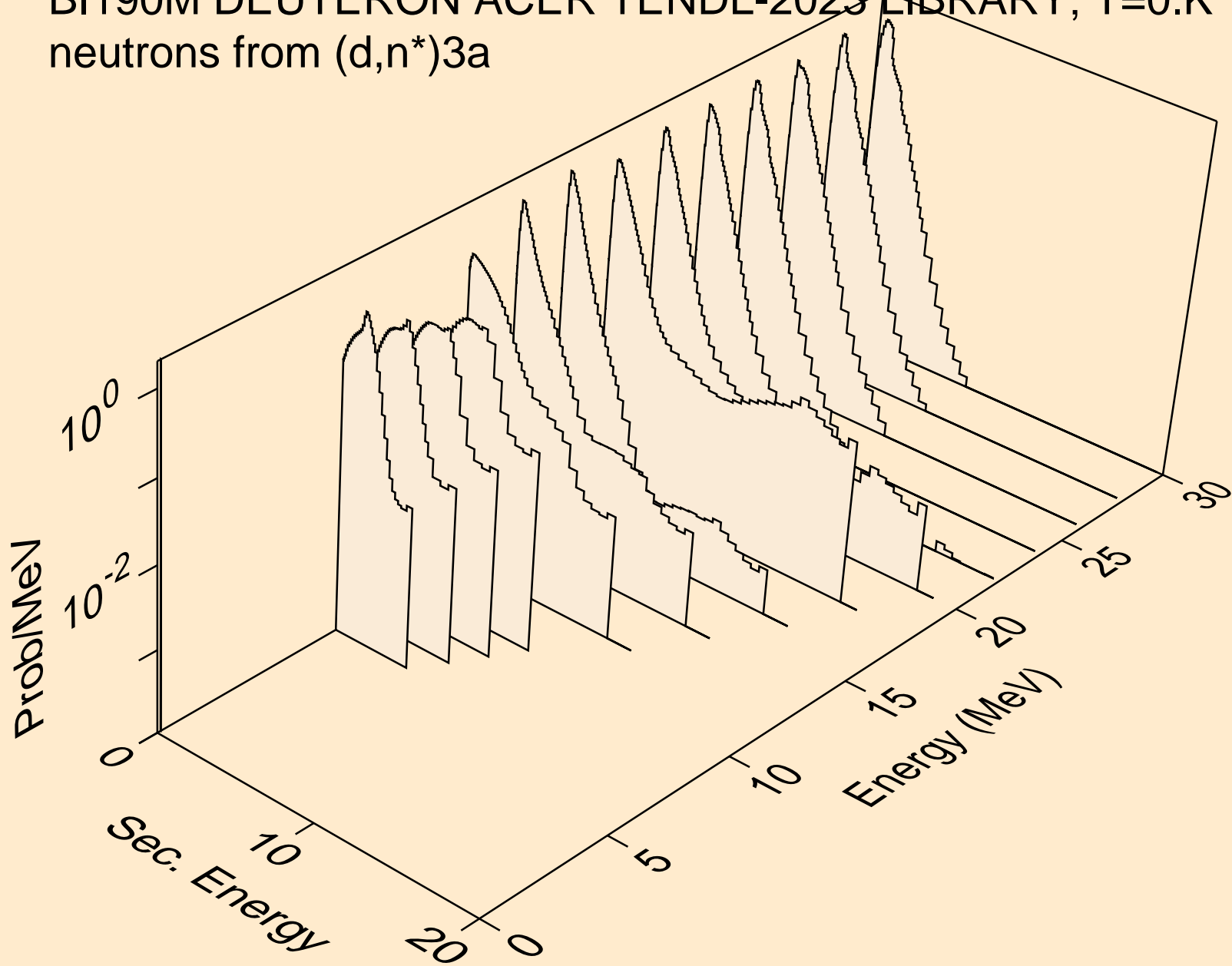
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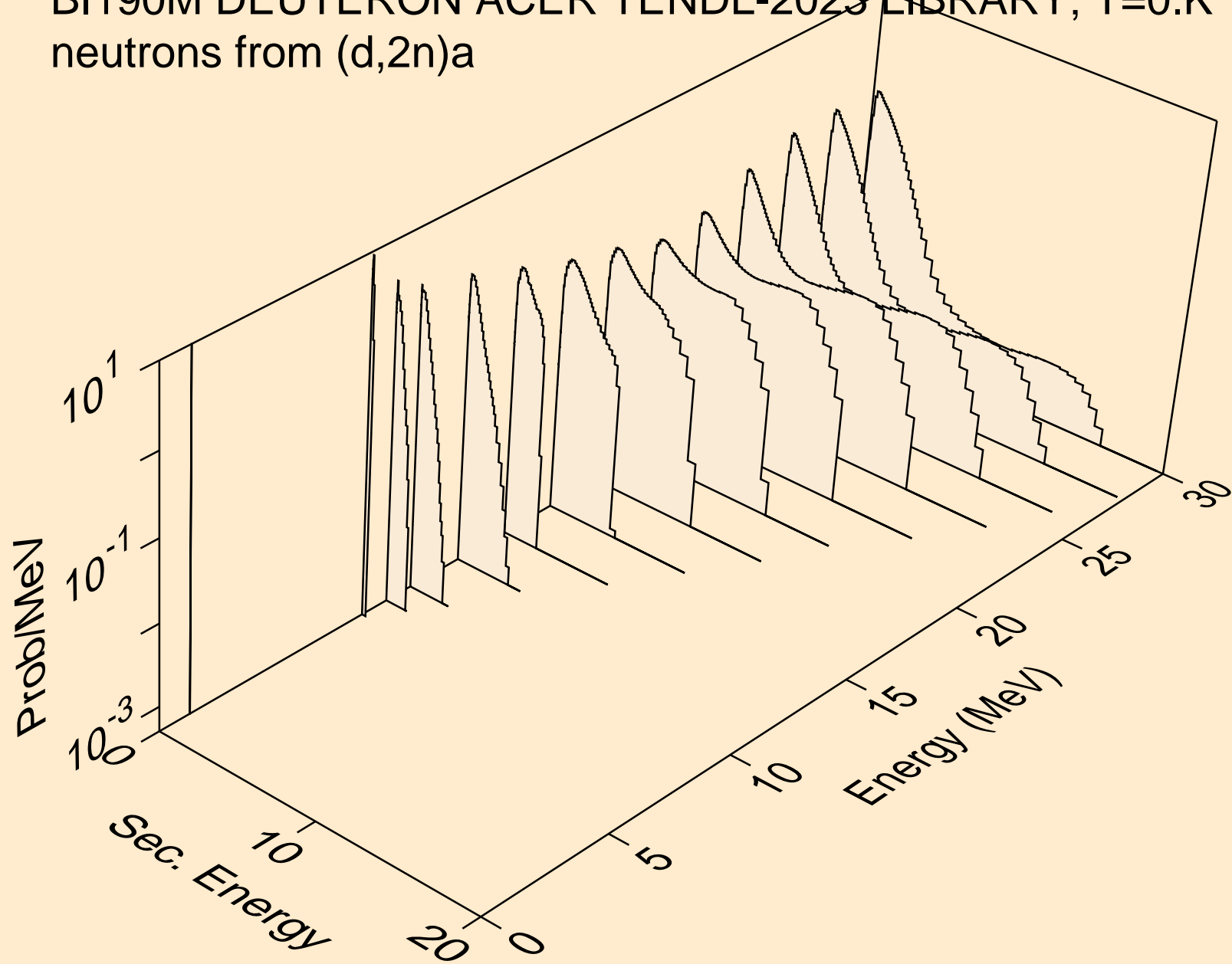
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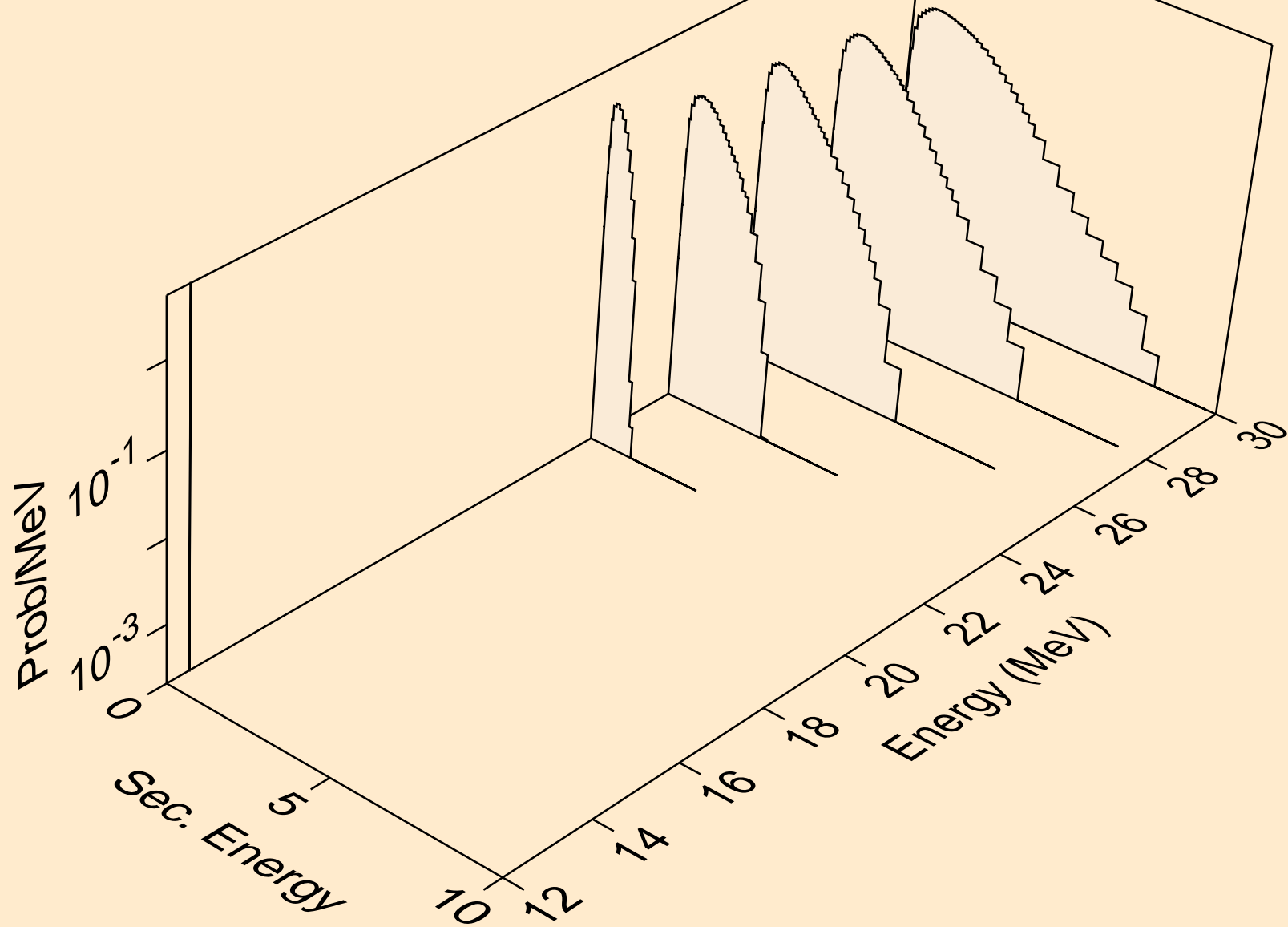
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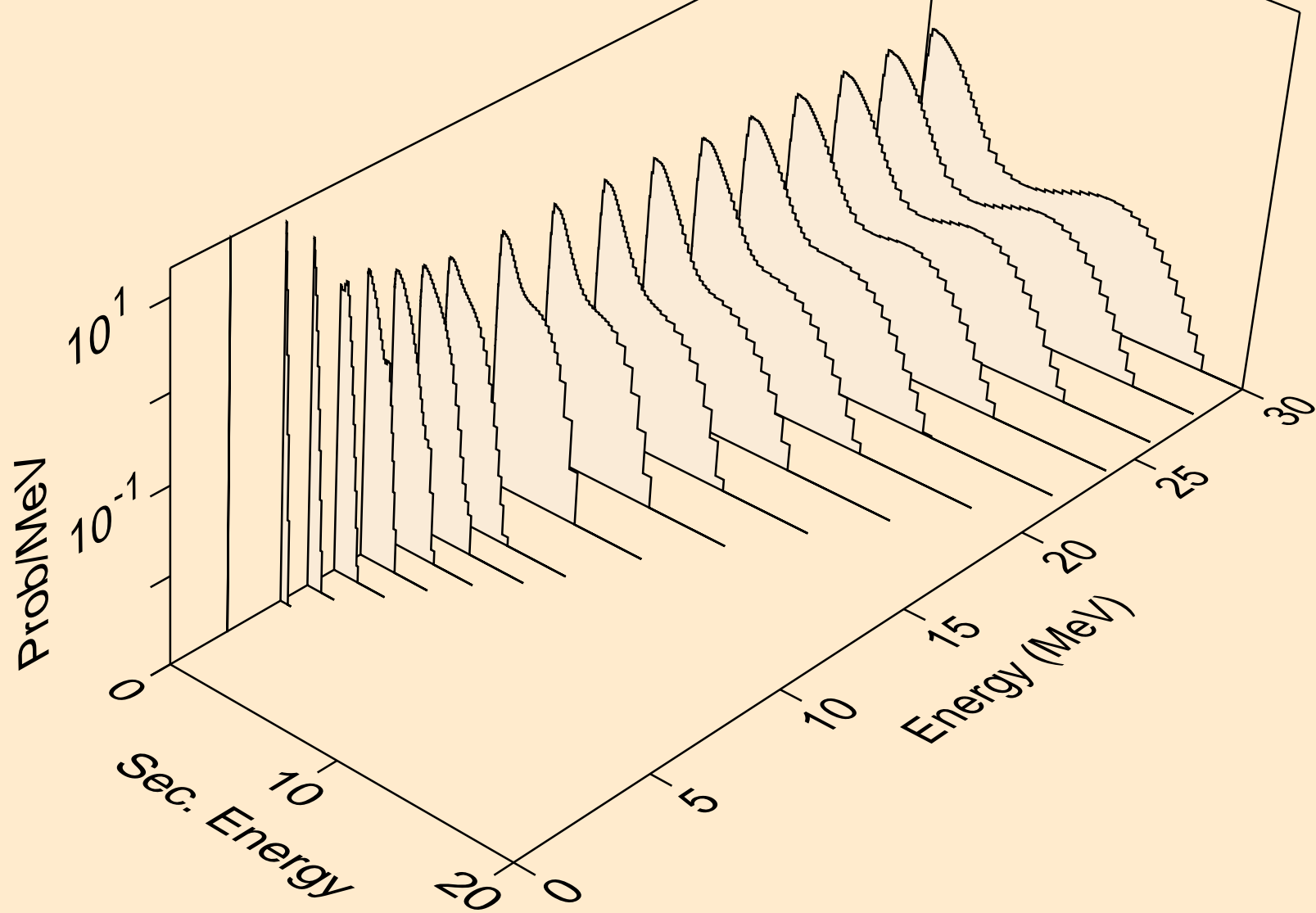
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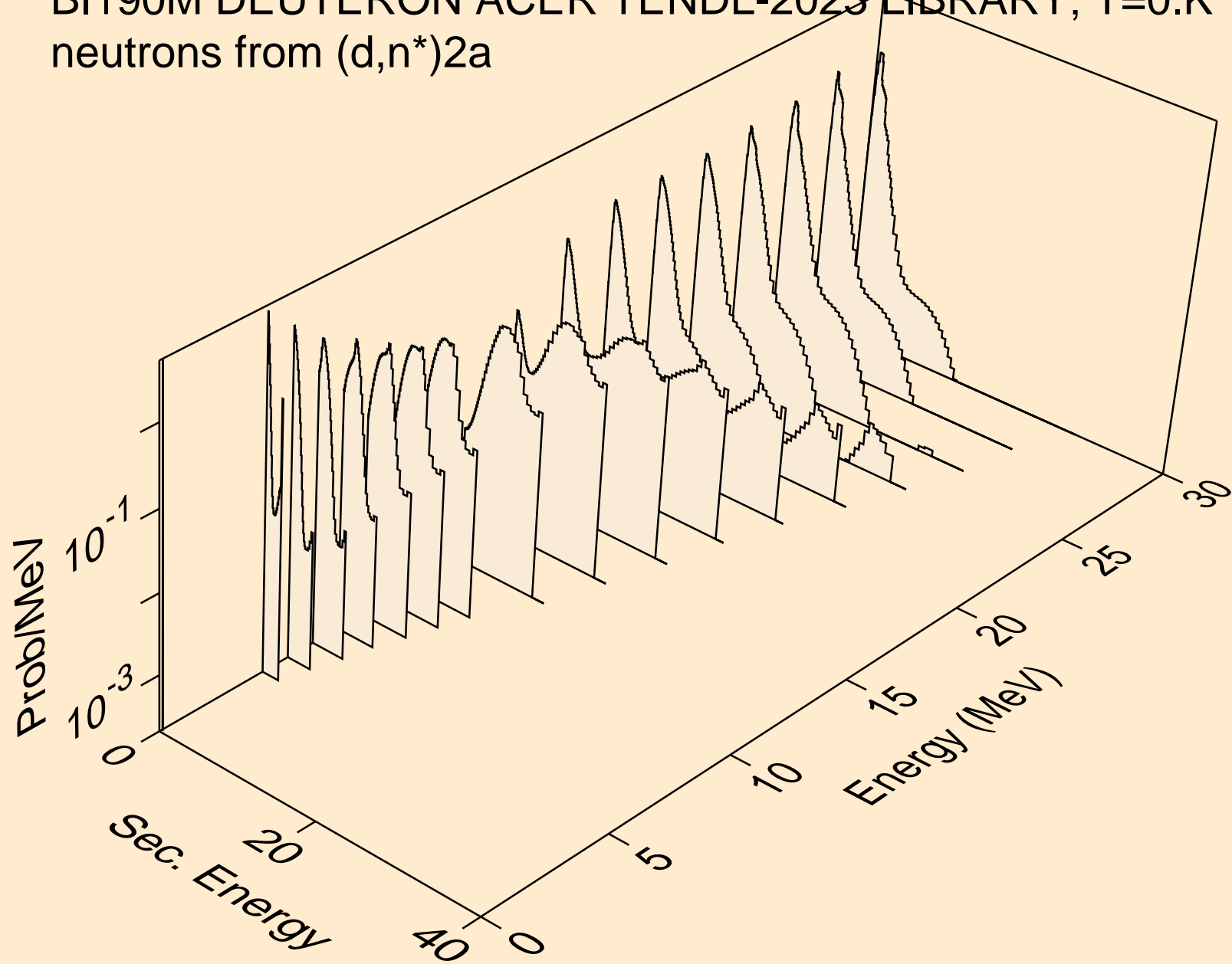
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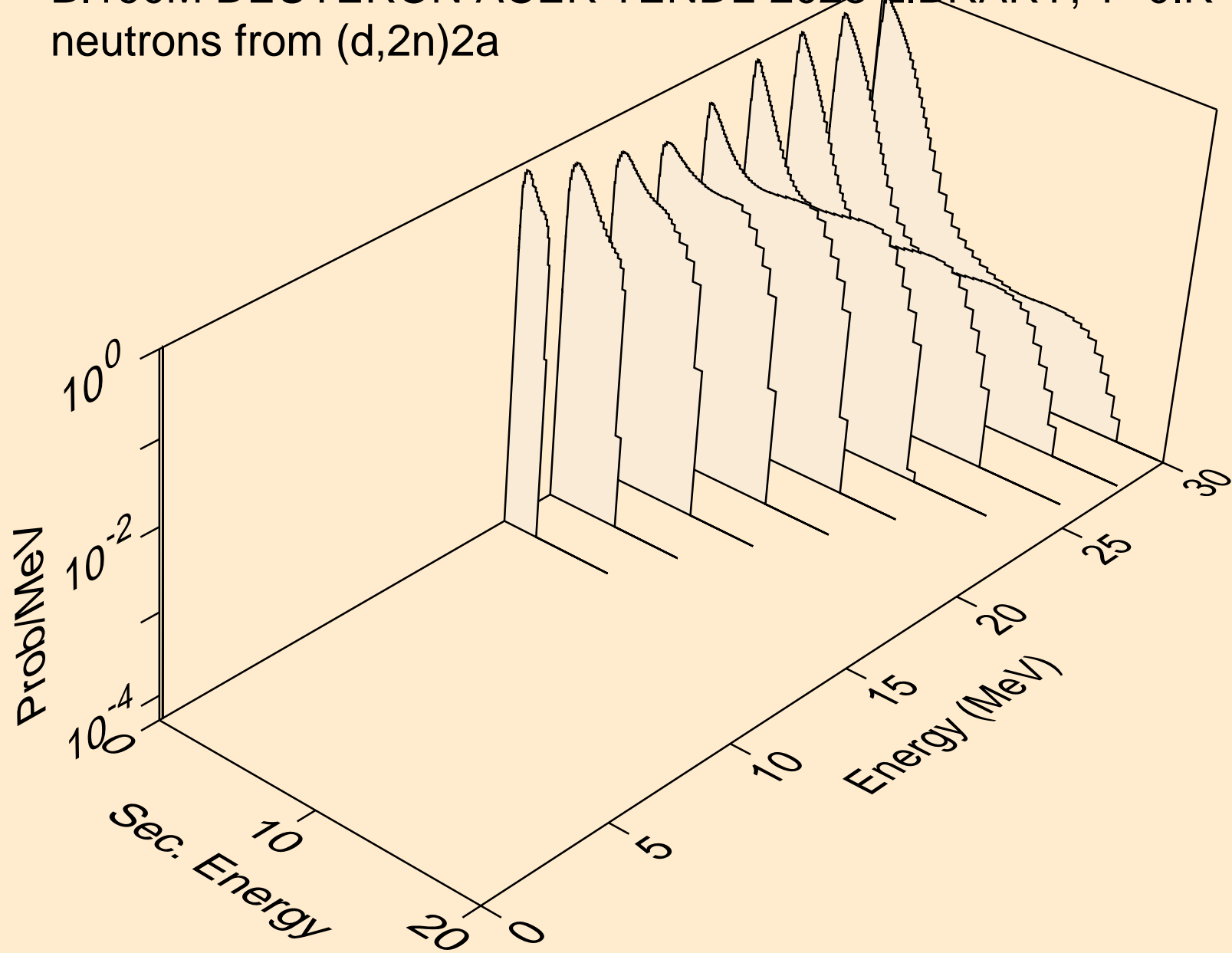
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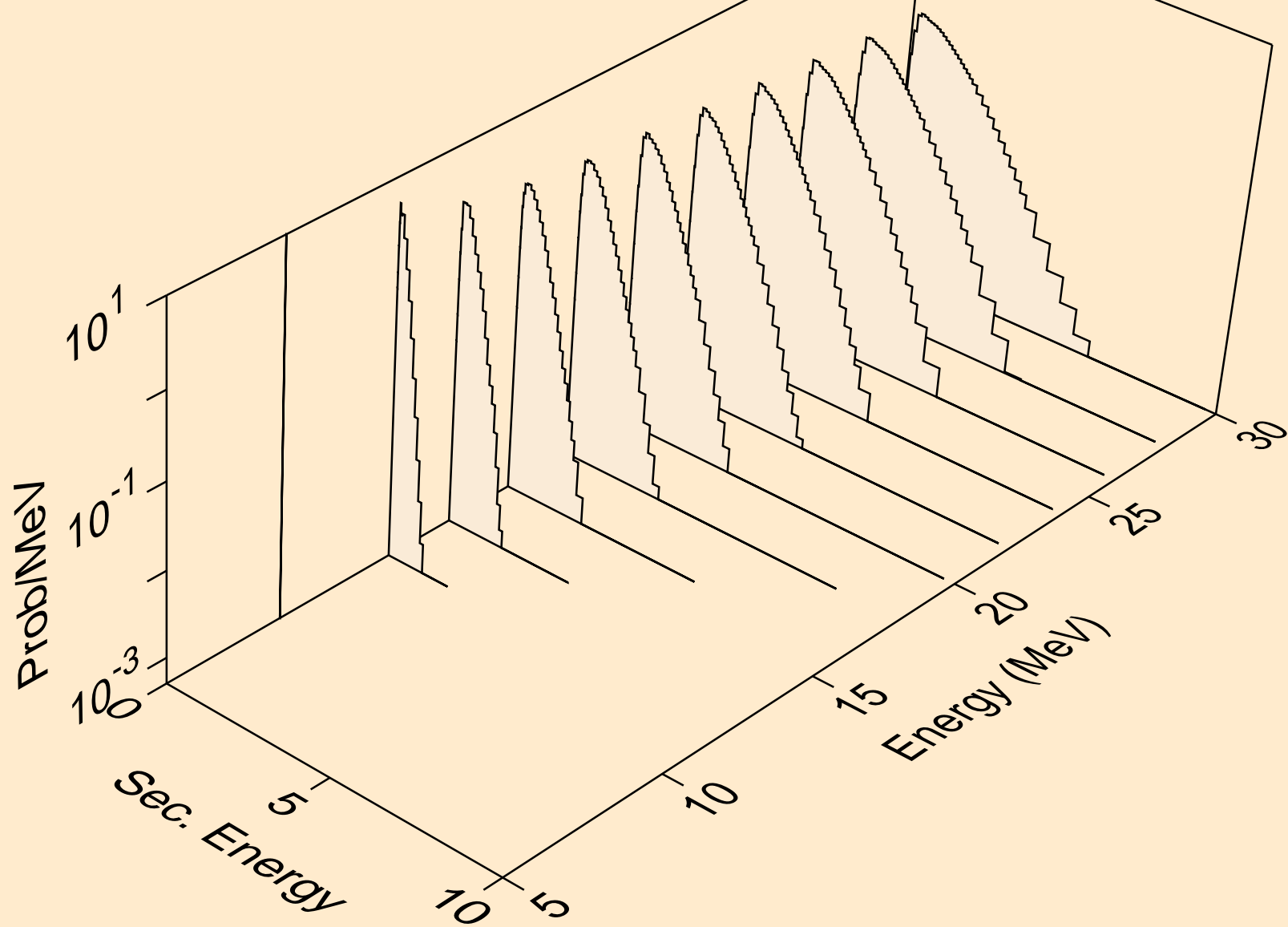


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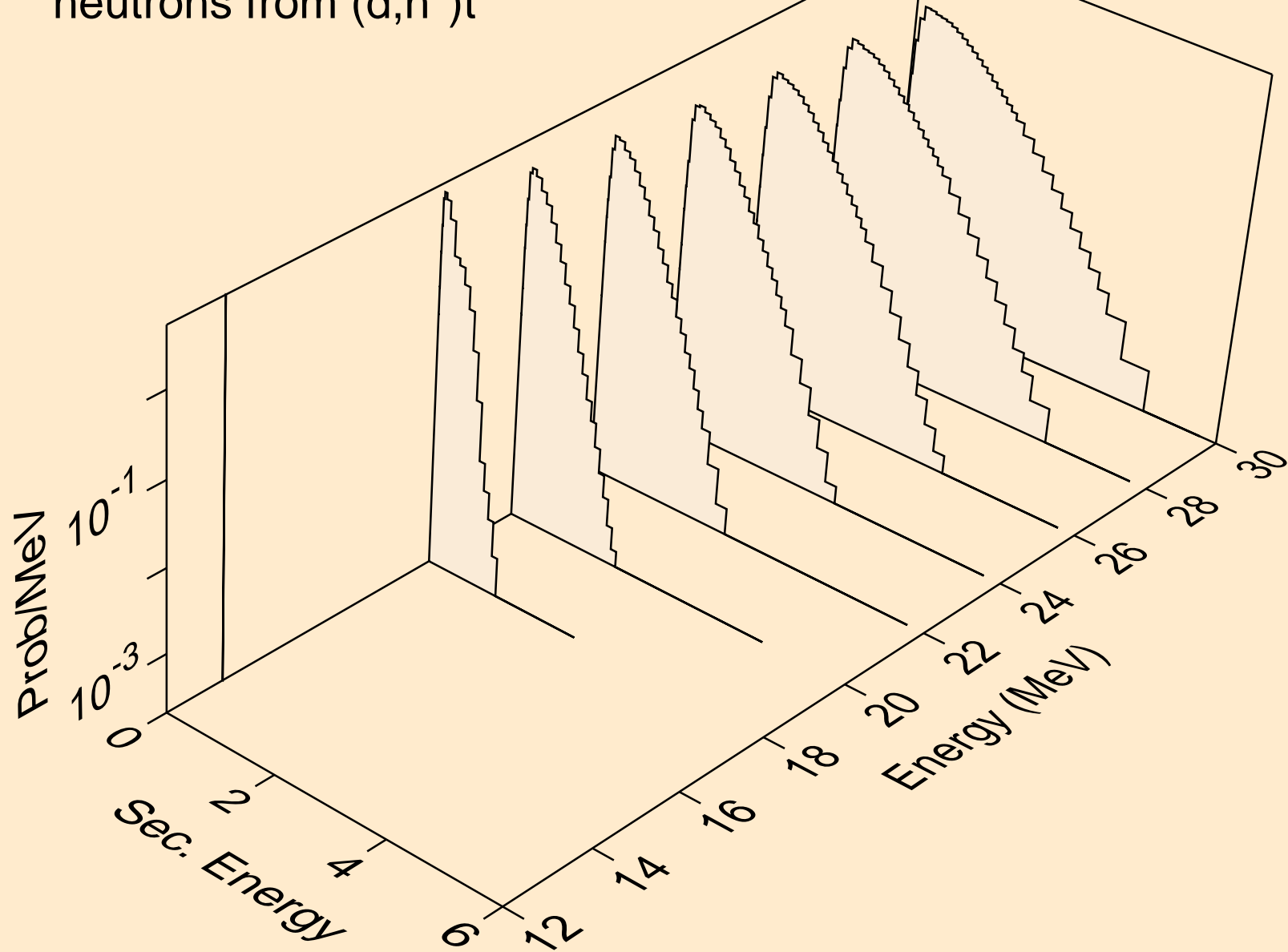




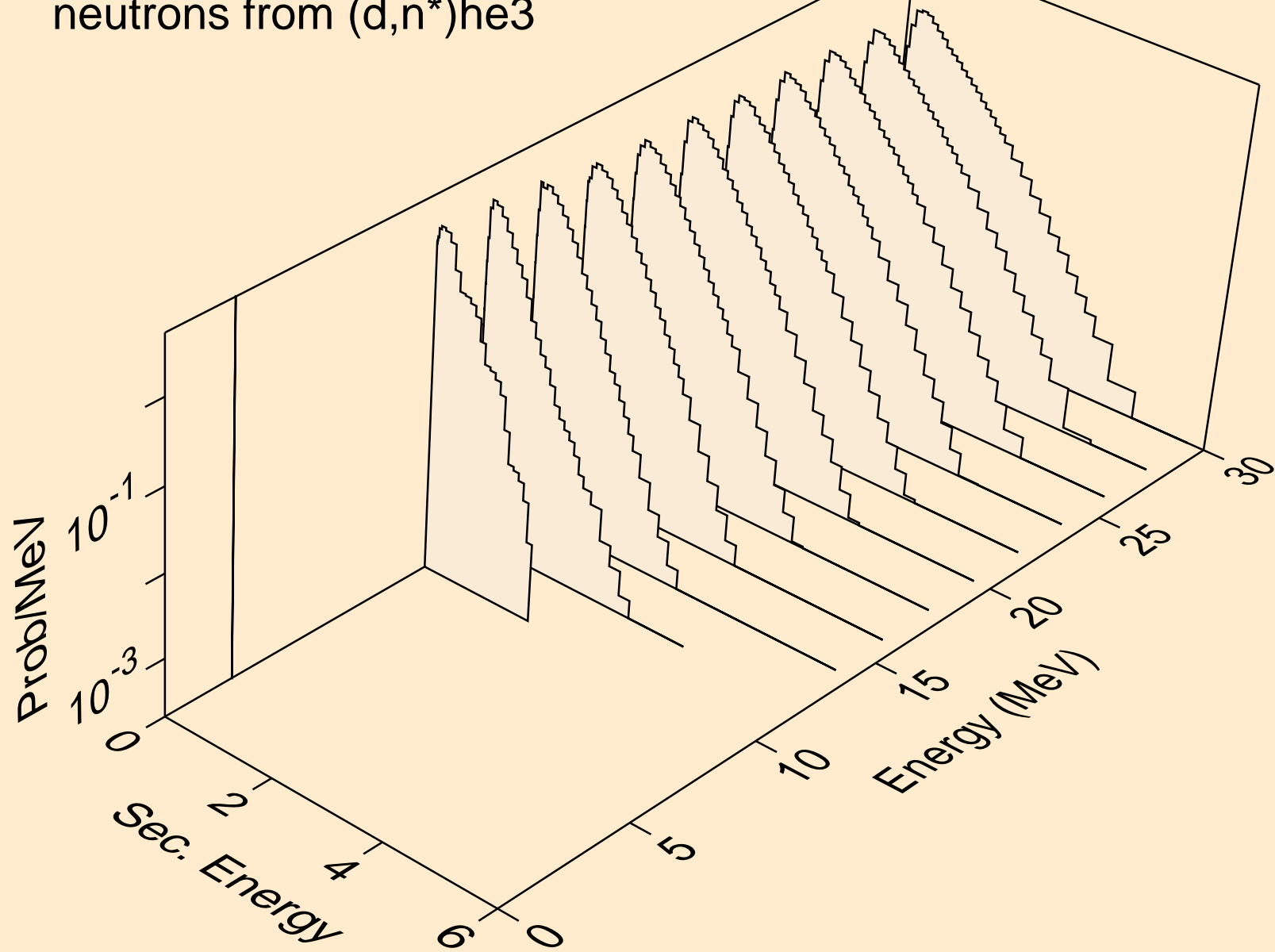
BI190M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,n\*)d



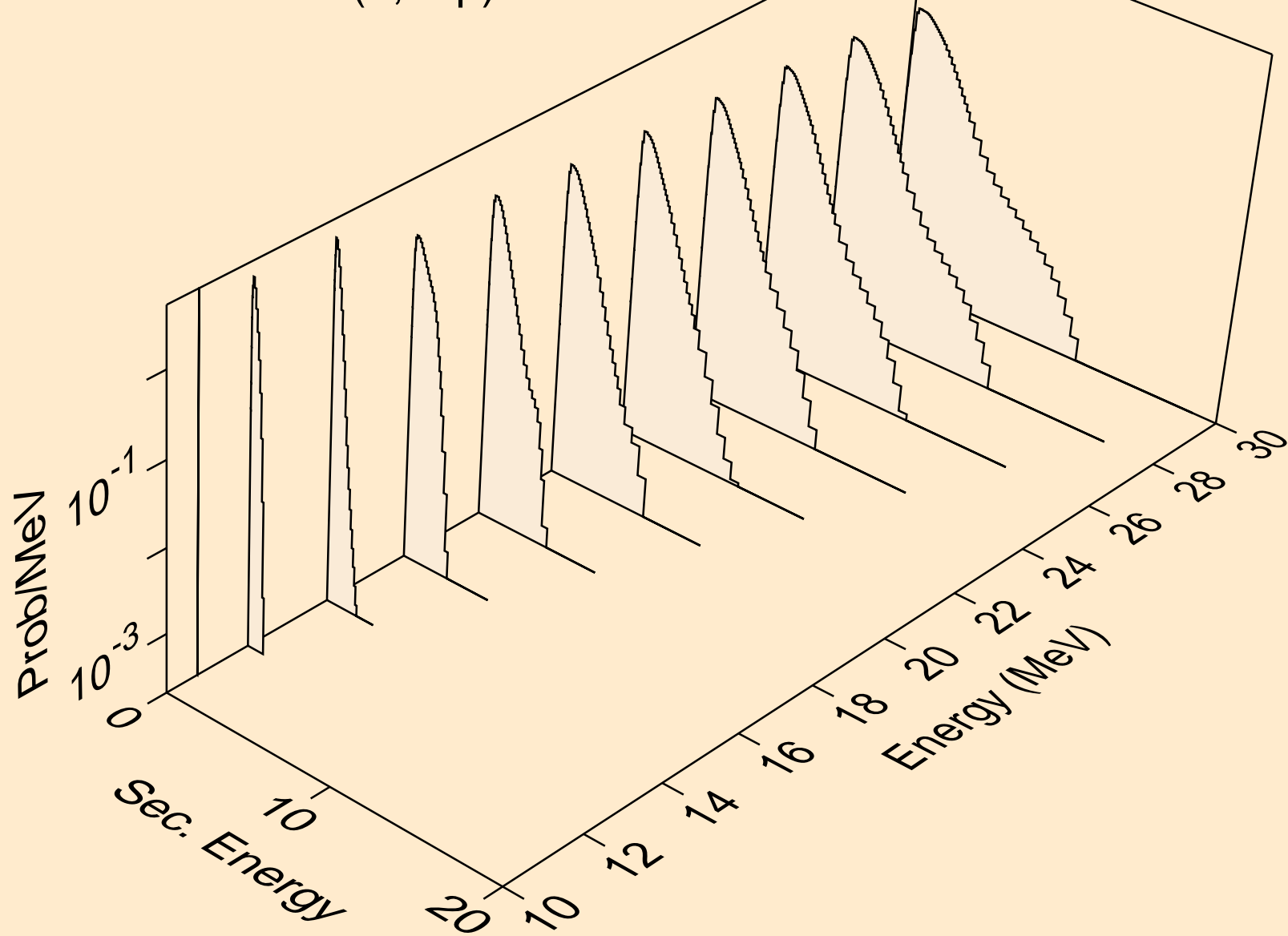
BI190M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,n\*)t



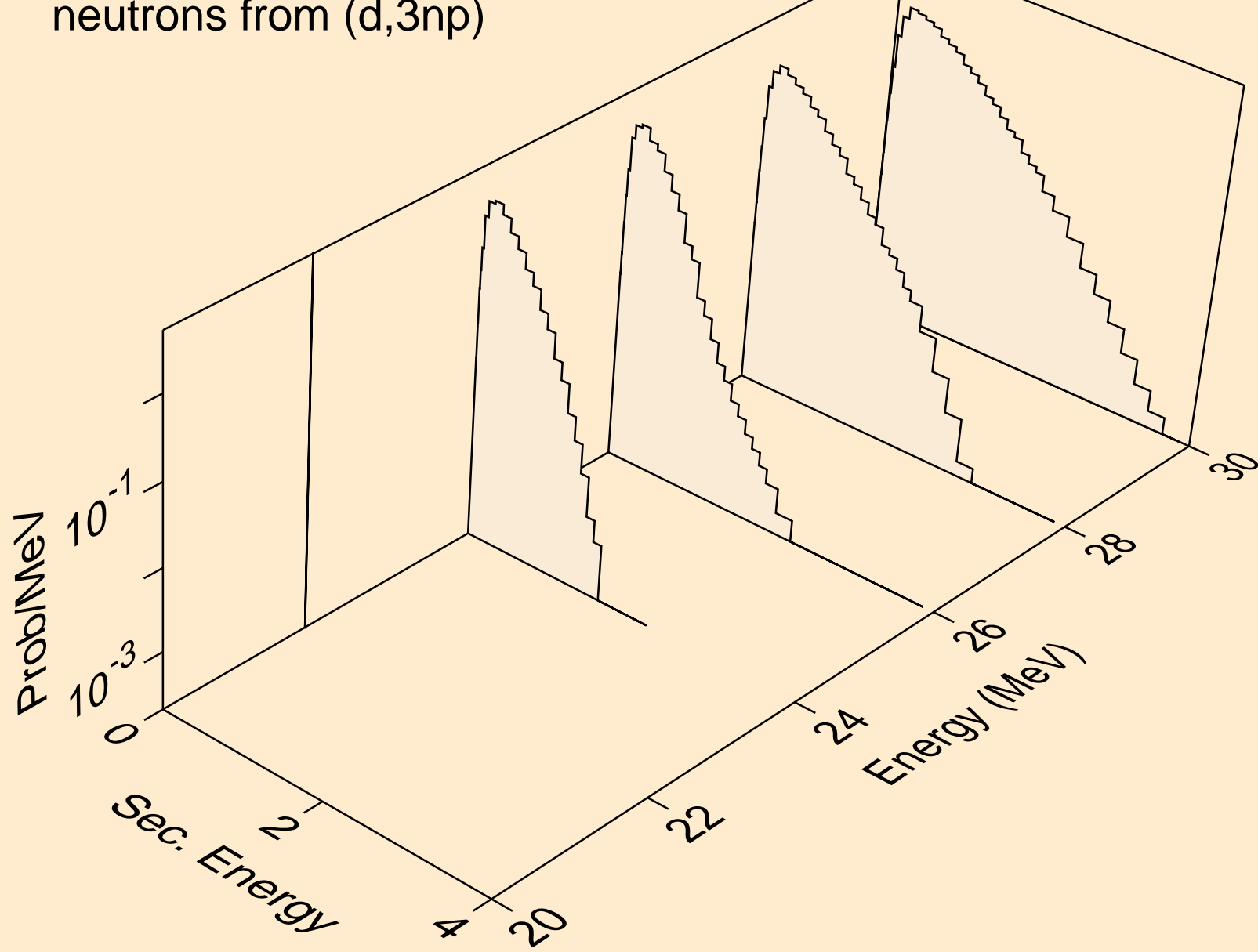
BI190M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,n\*)he3



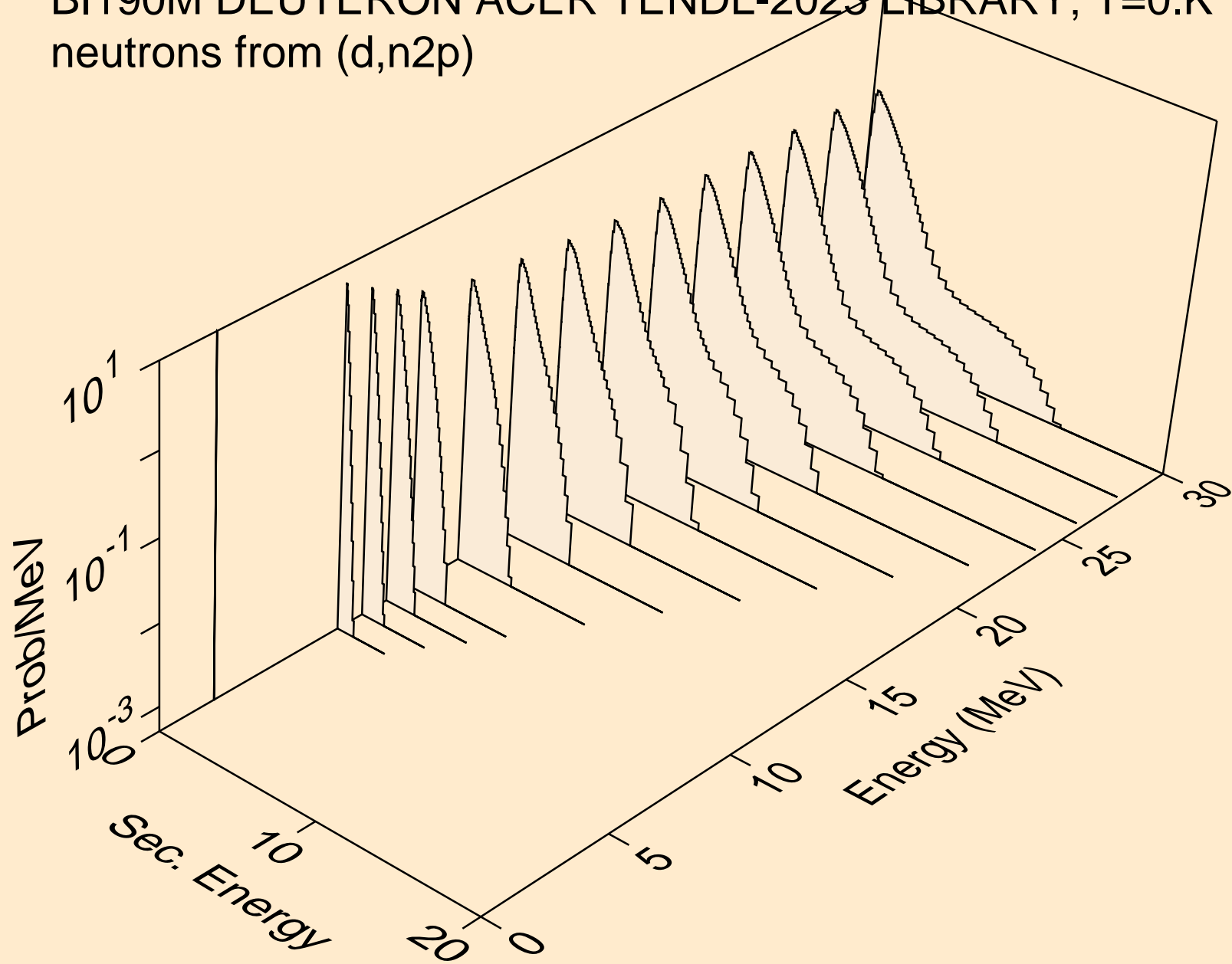
BI190M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,2np)



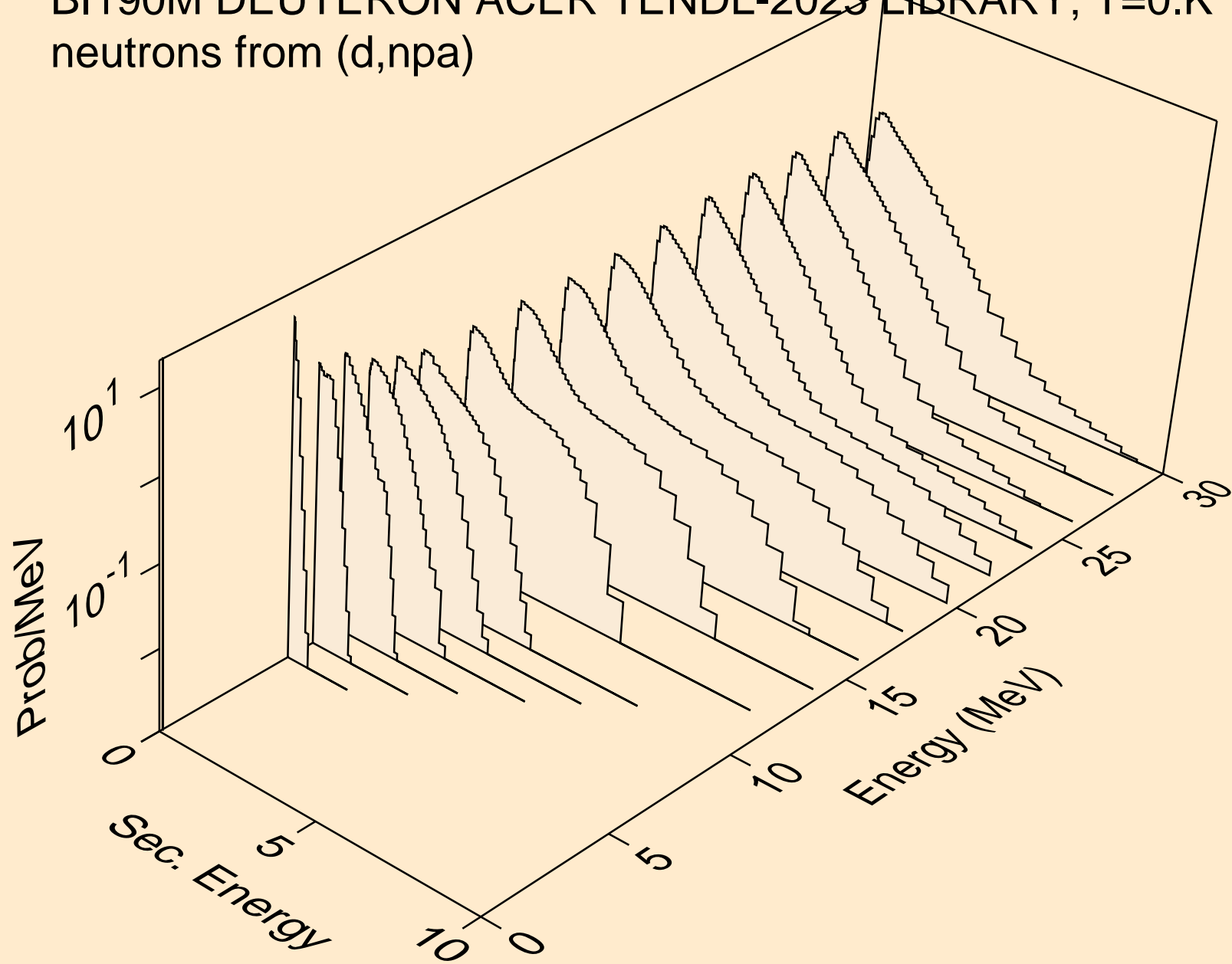
BI190M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,3np)



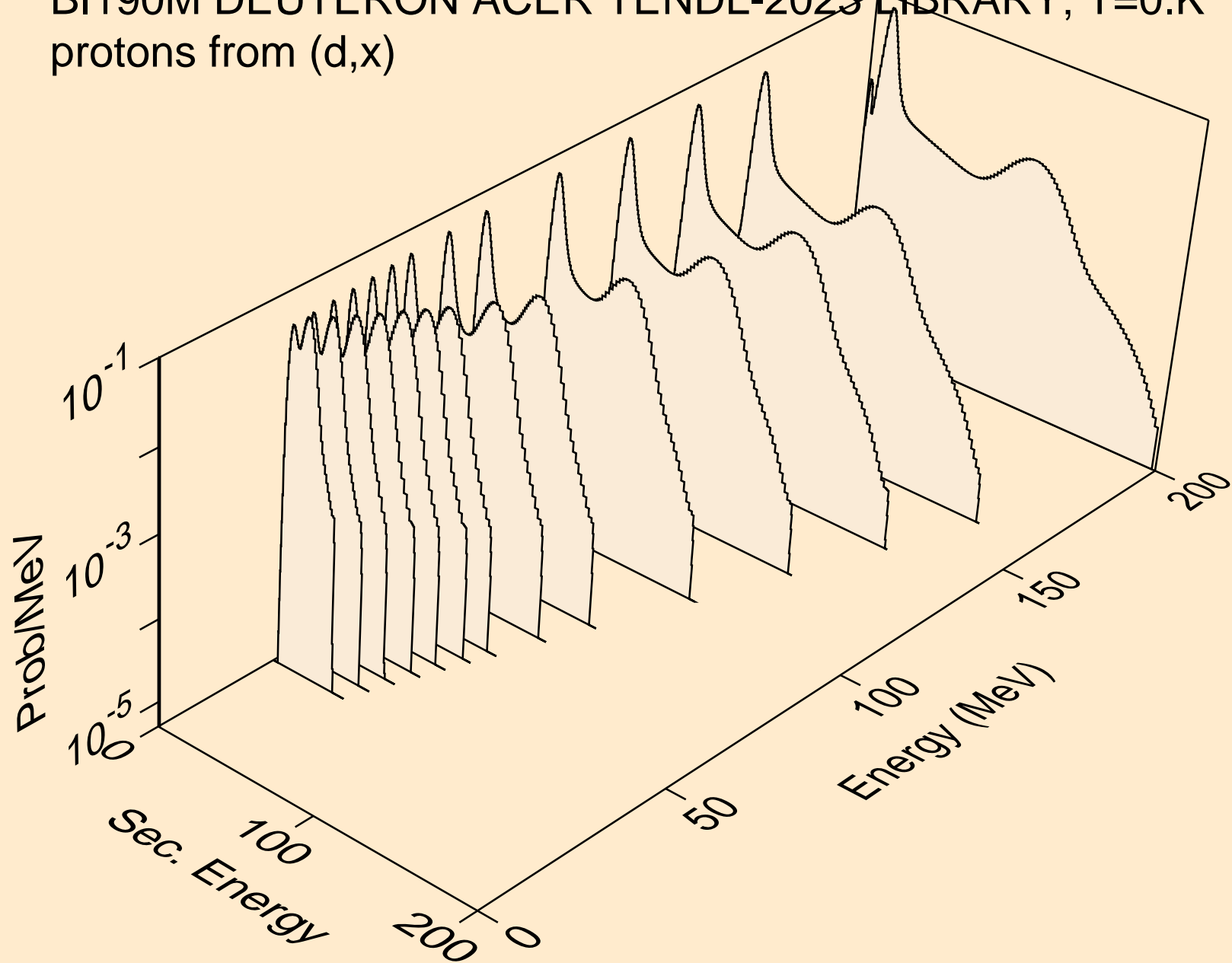
BI190M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,n2p)



BI190M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,npa)

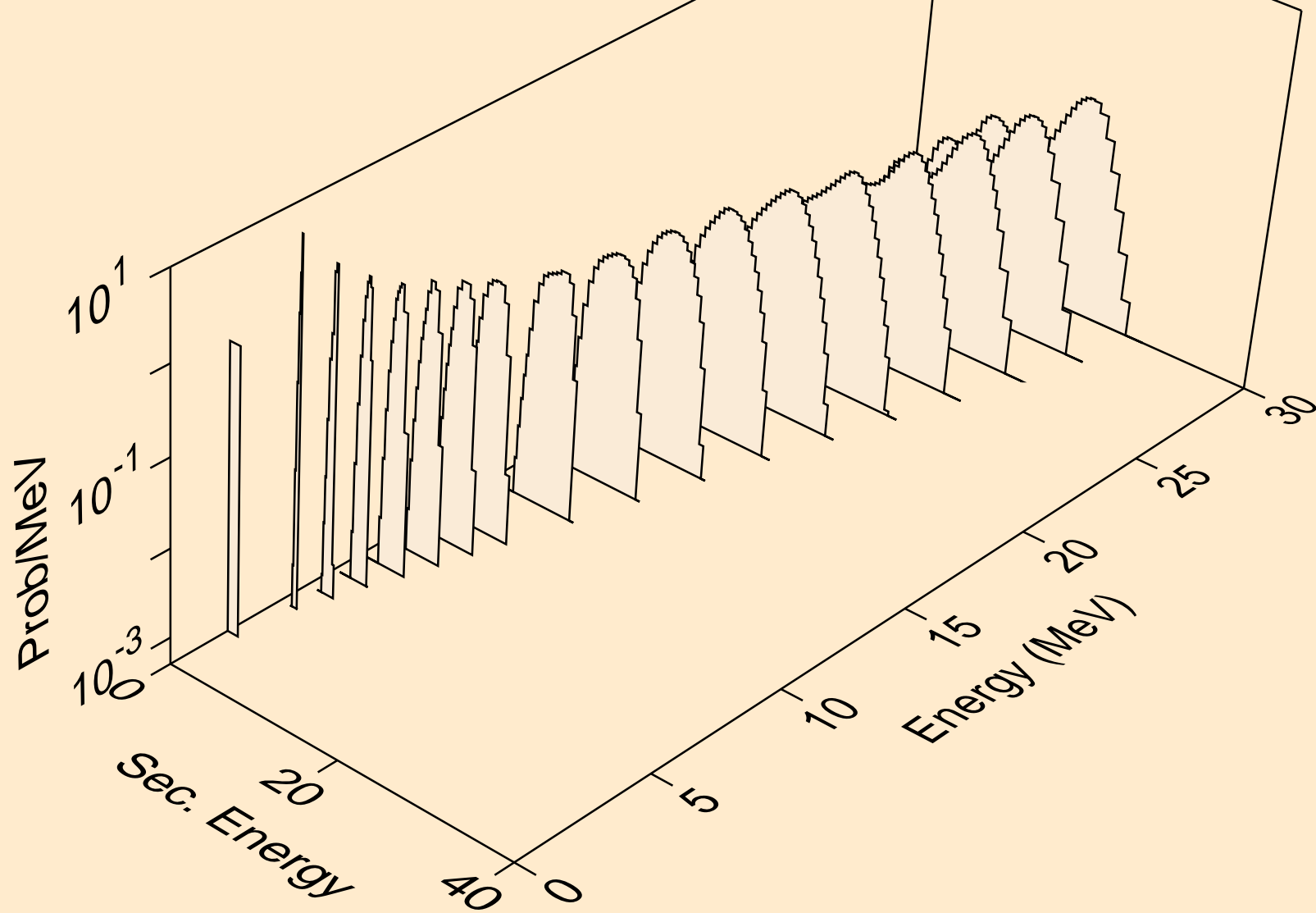


BI190M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (d,x)

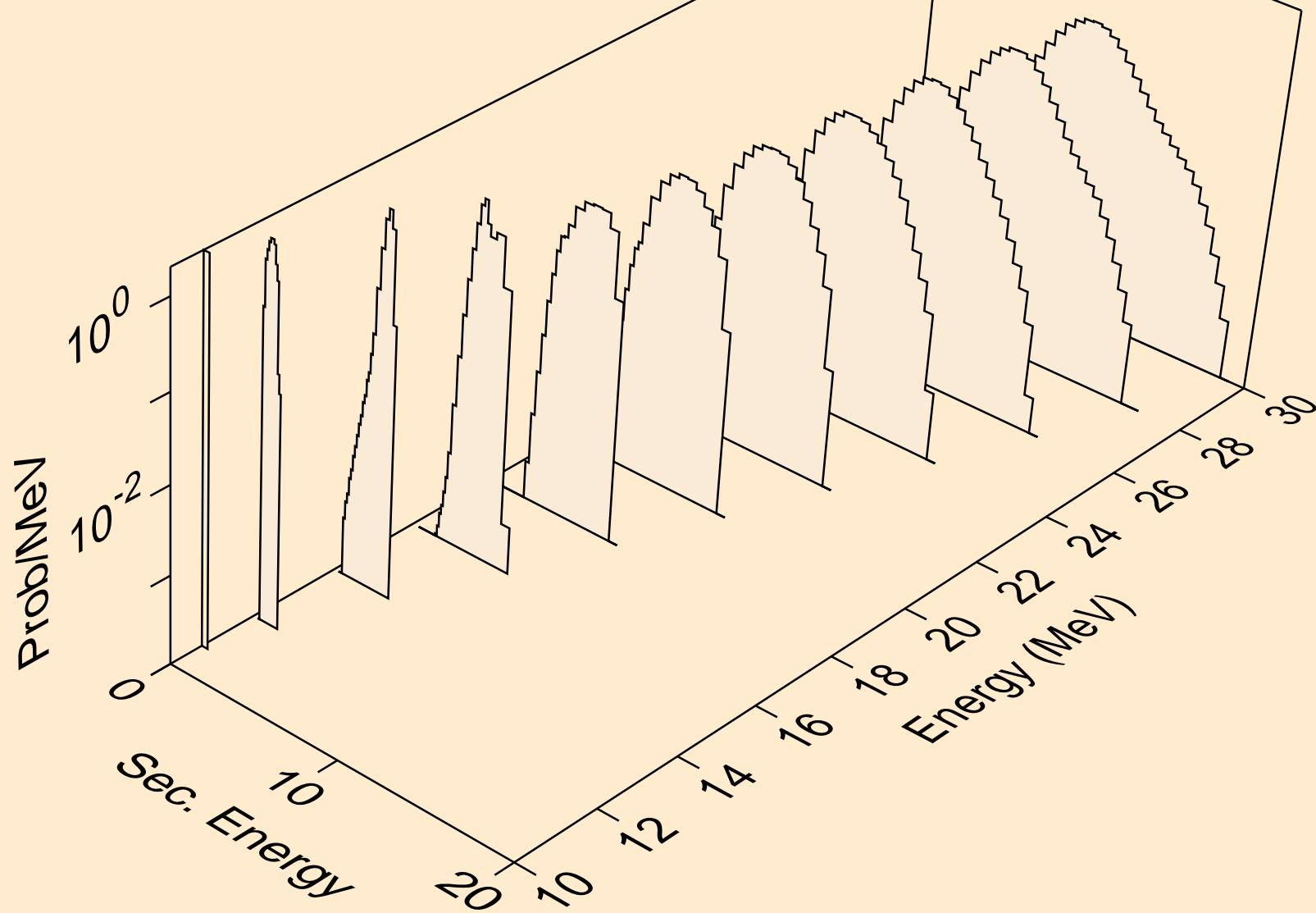




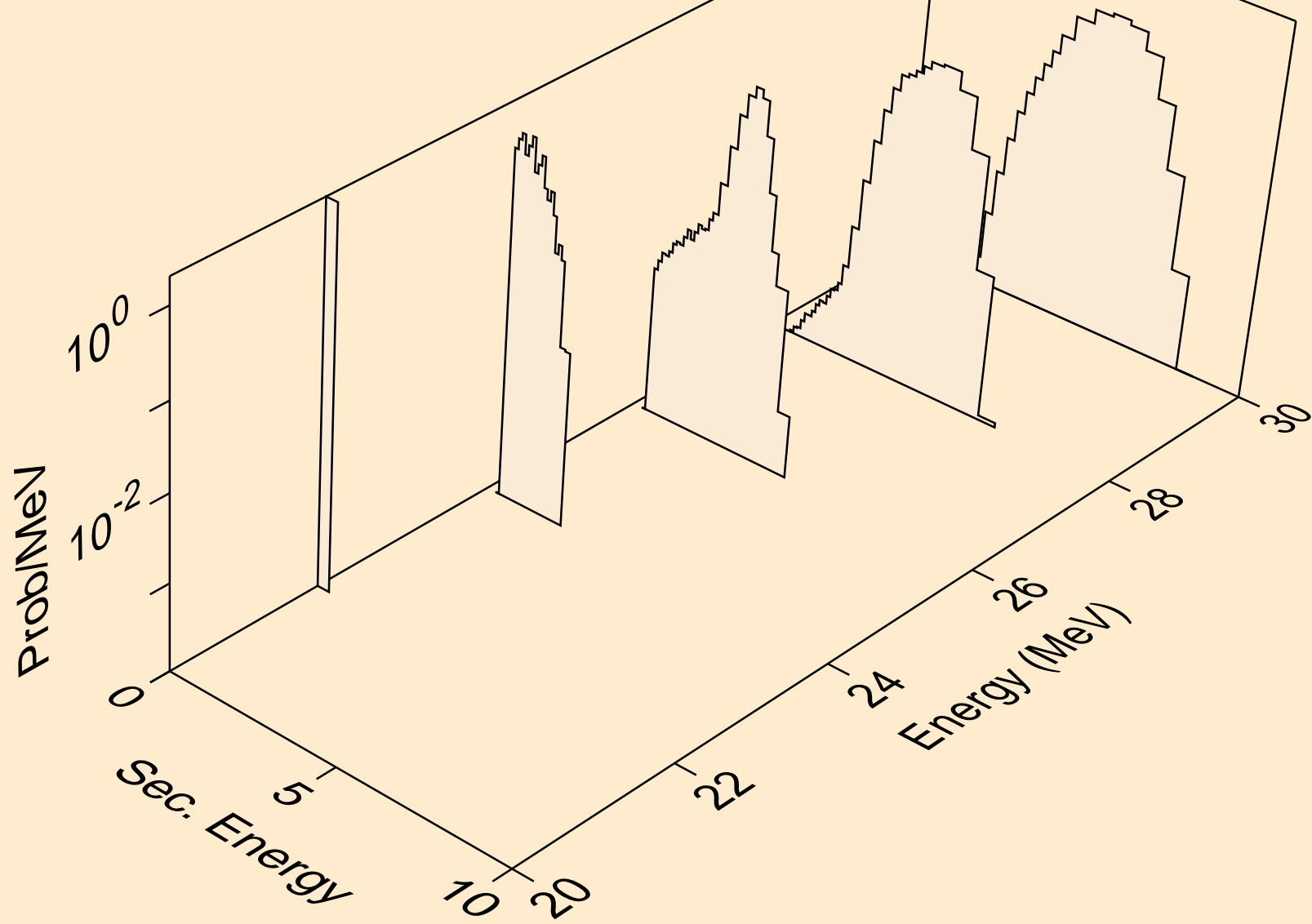
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protons from (d,n\*)p



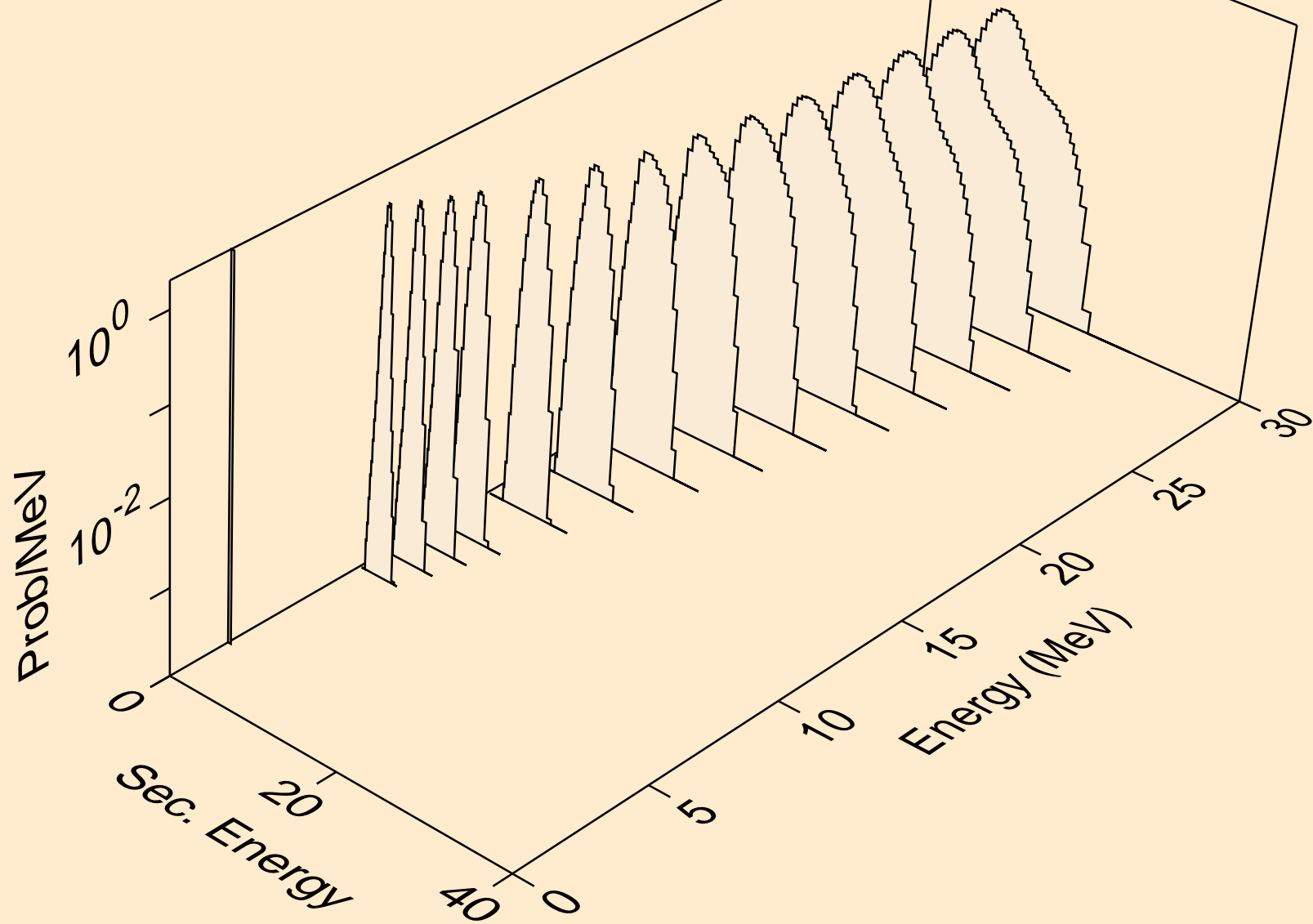
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protons from (d,2np)



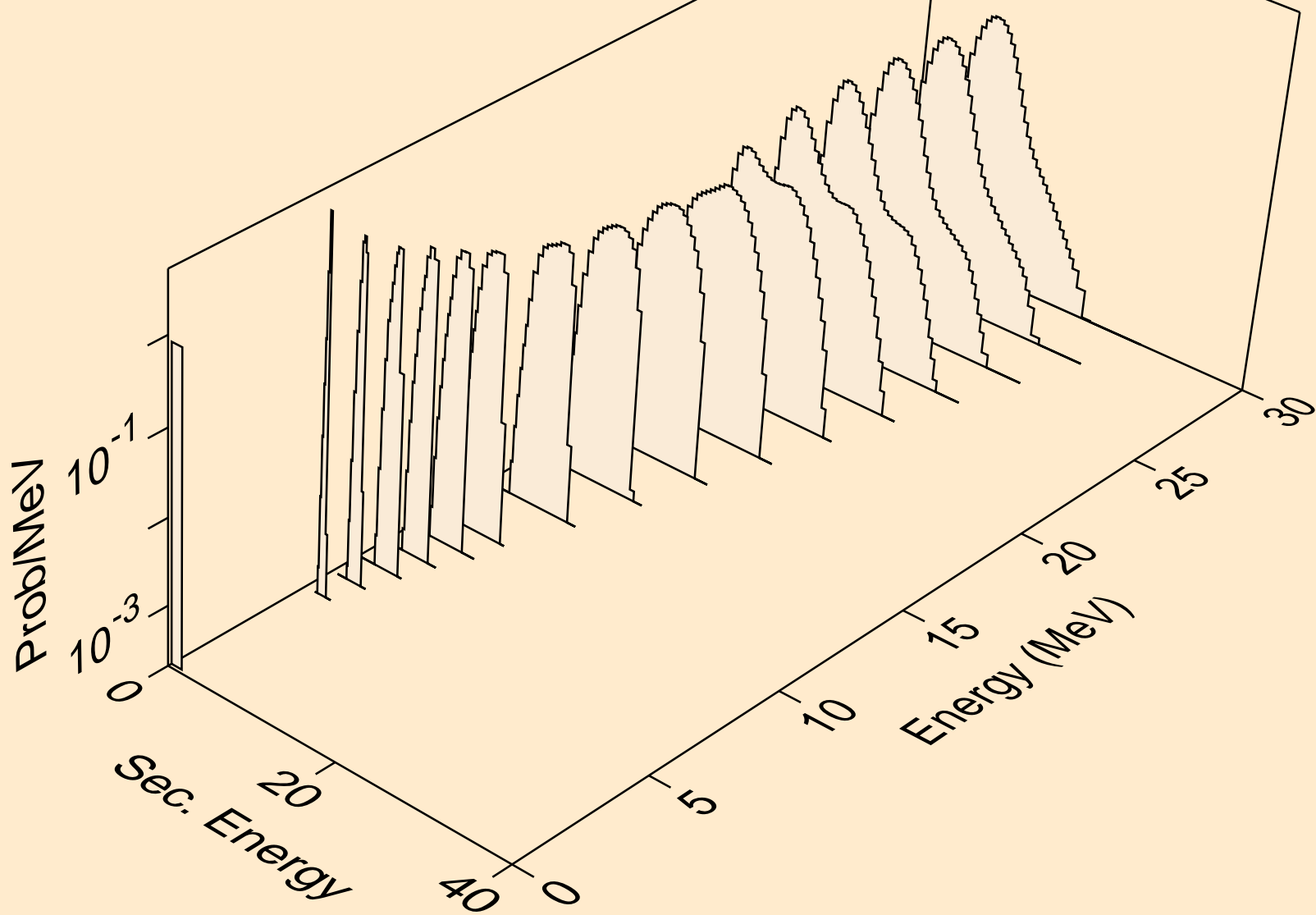
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protons from (d,3np)



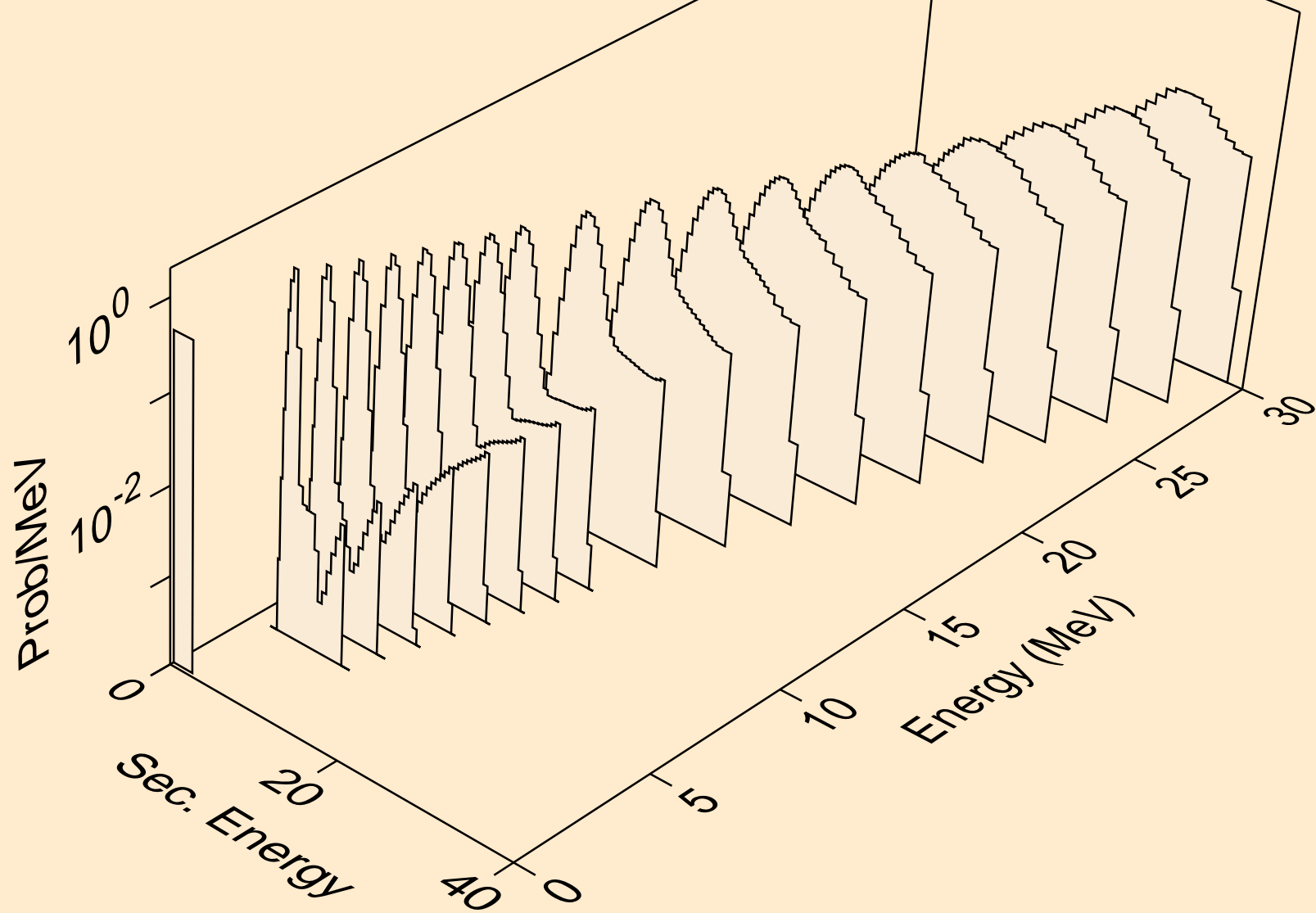
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protons from (d,n2p)



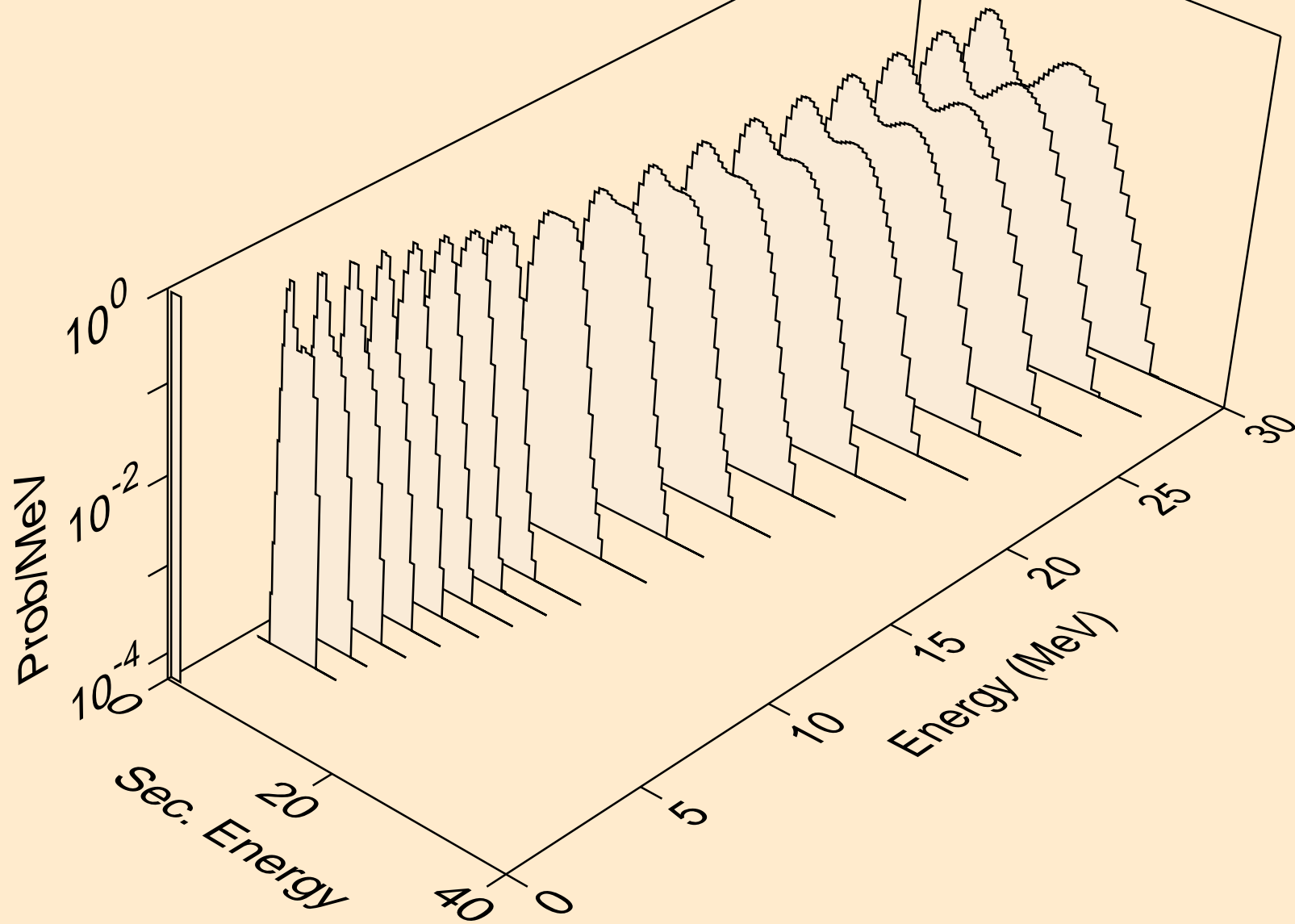
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protons from (d,npa)



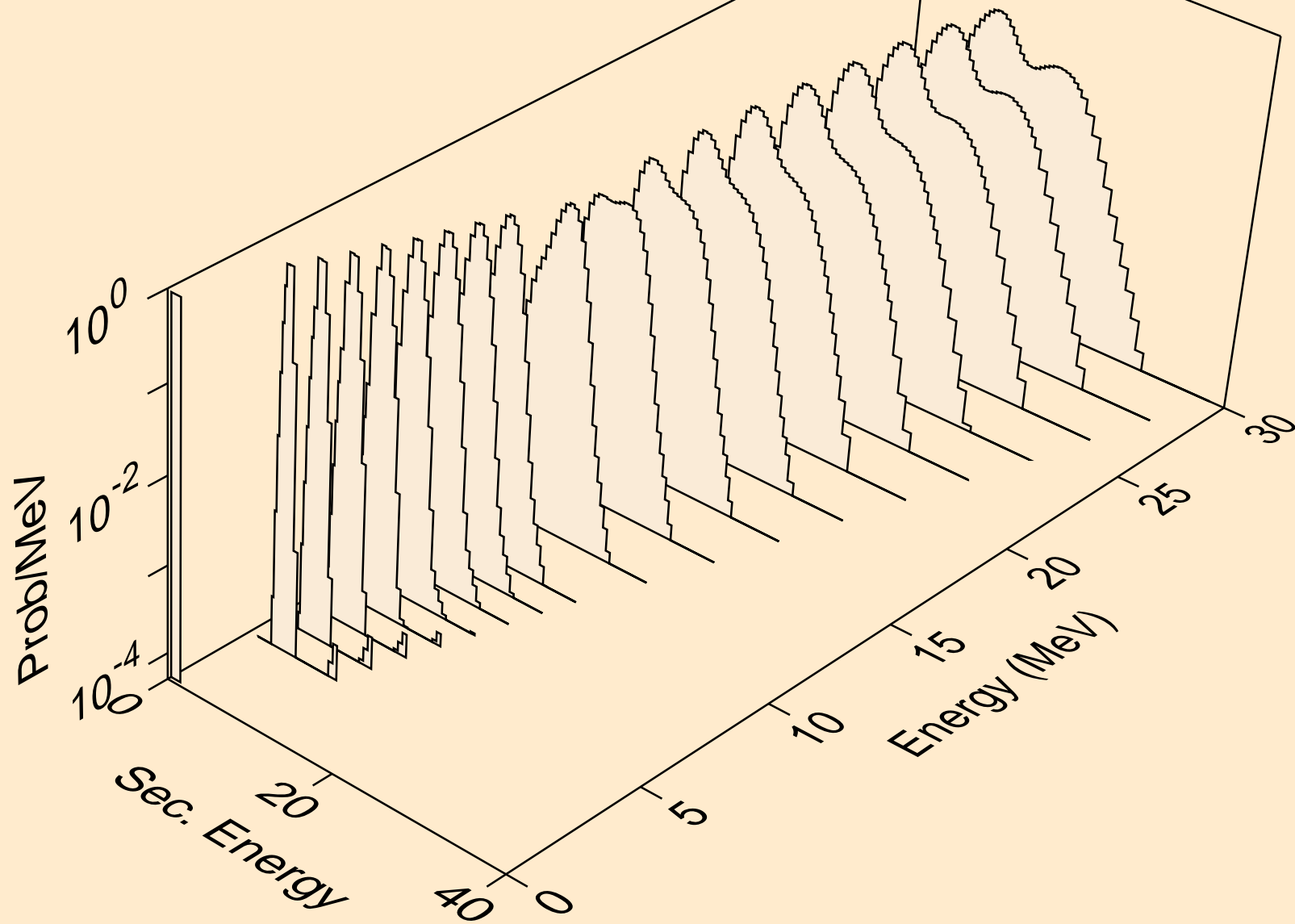
BI190M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (d,p)



BI190M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (d,2p)

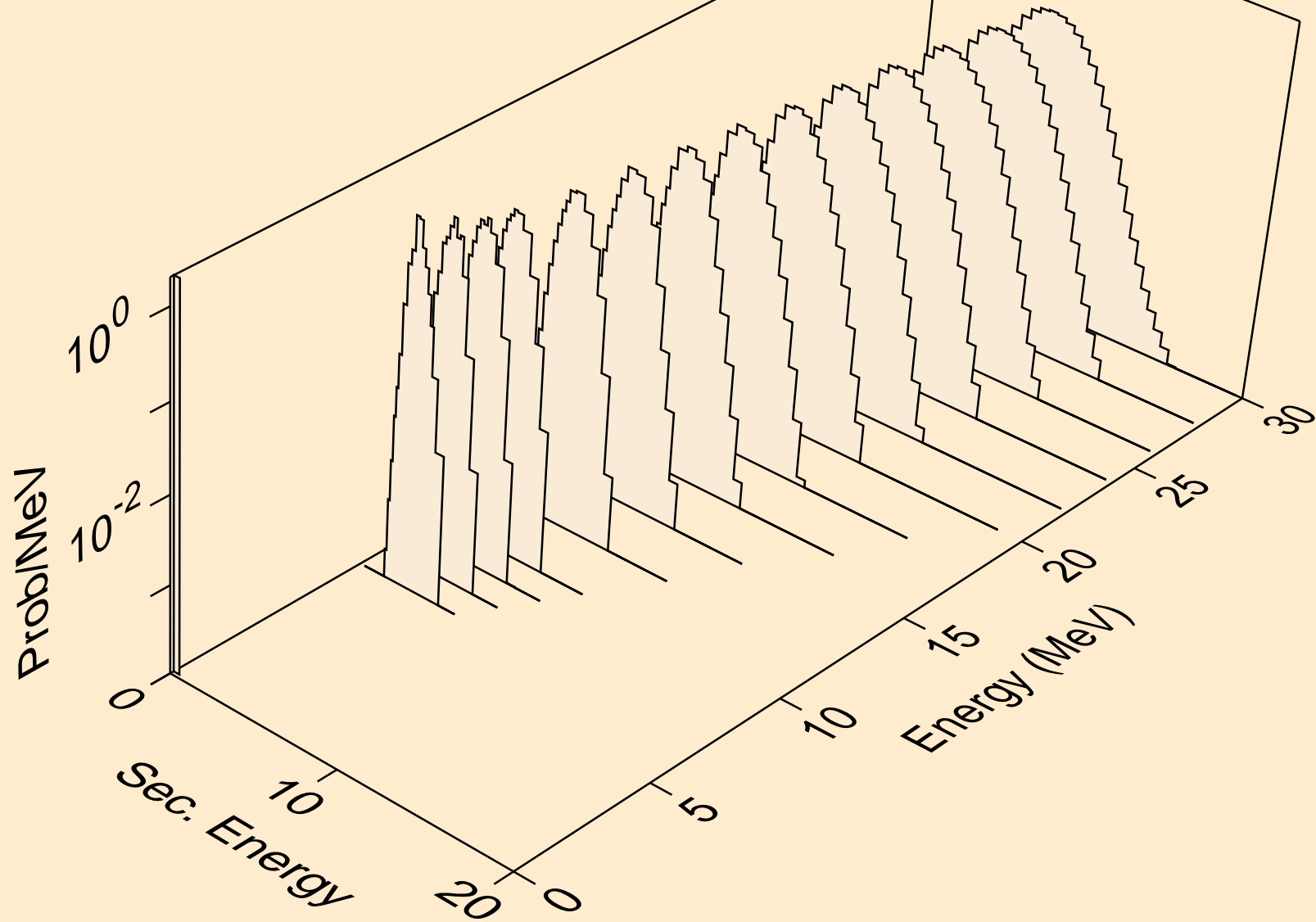


BI190M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (d,pa)

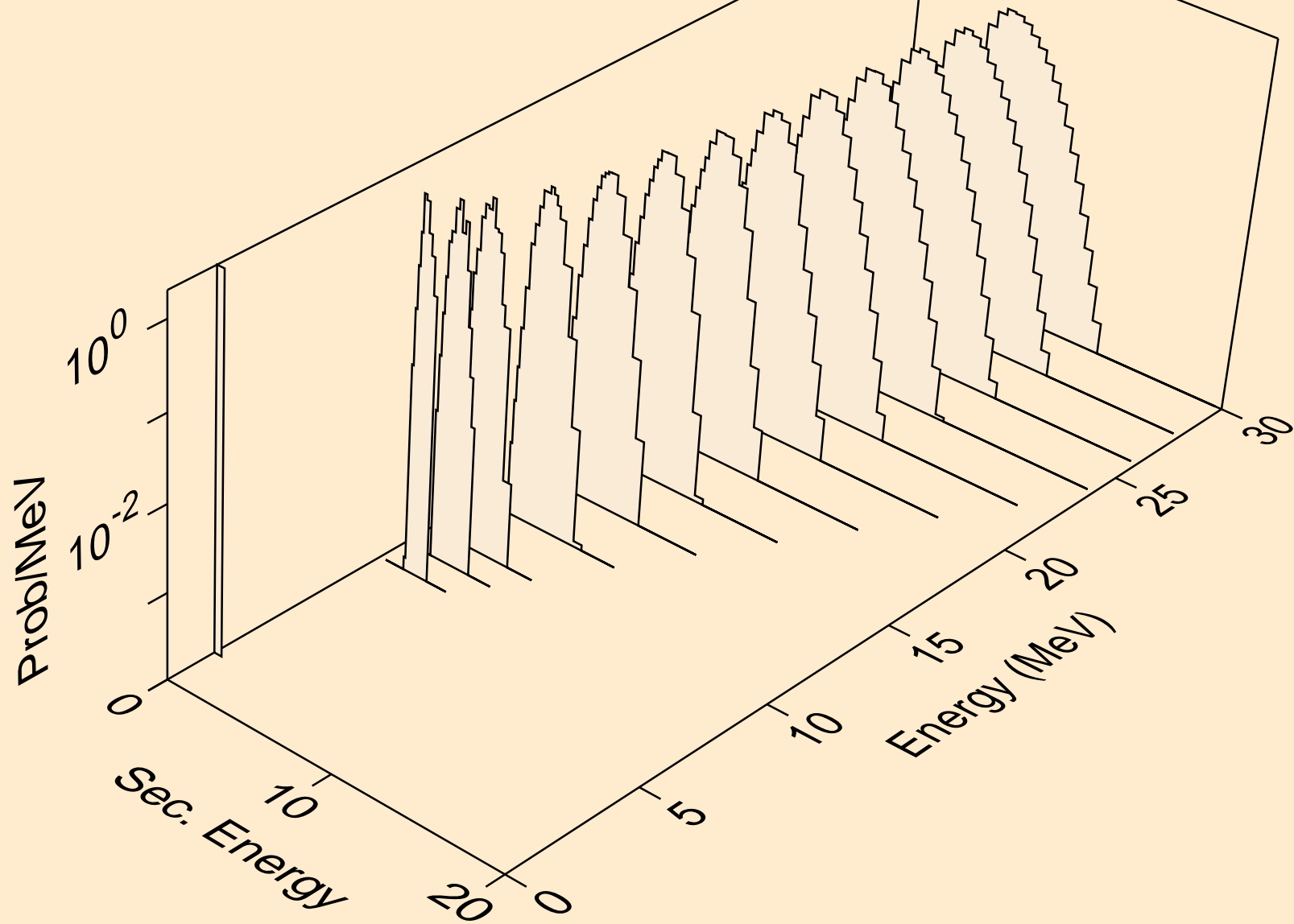




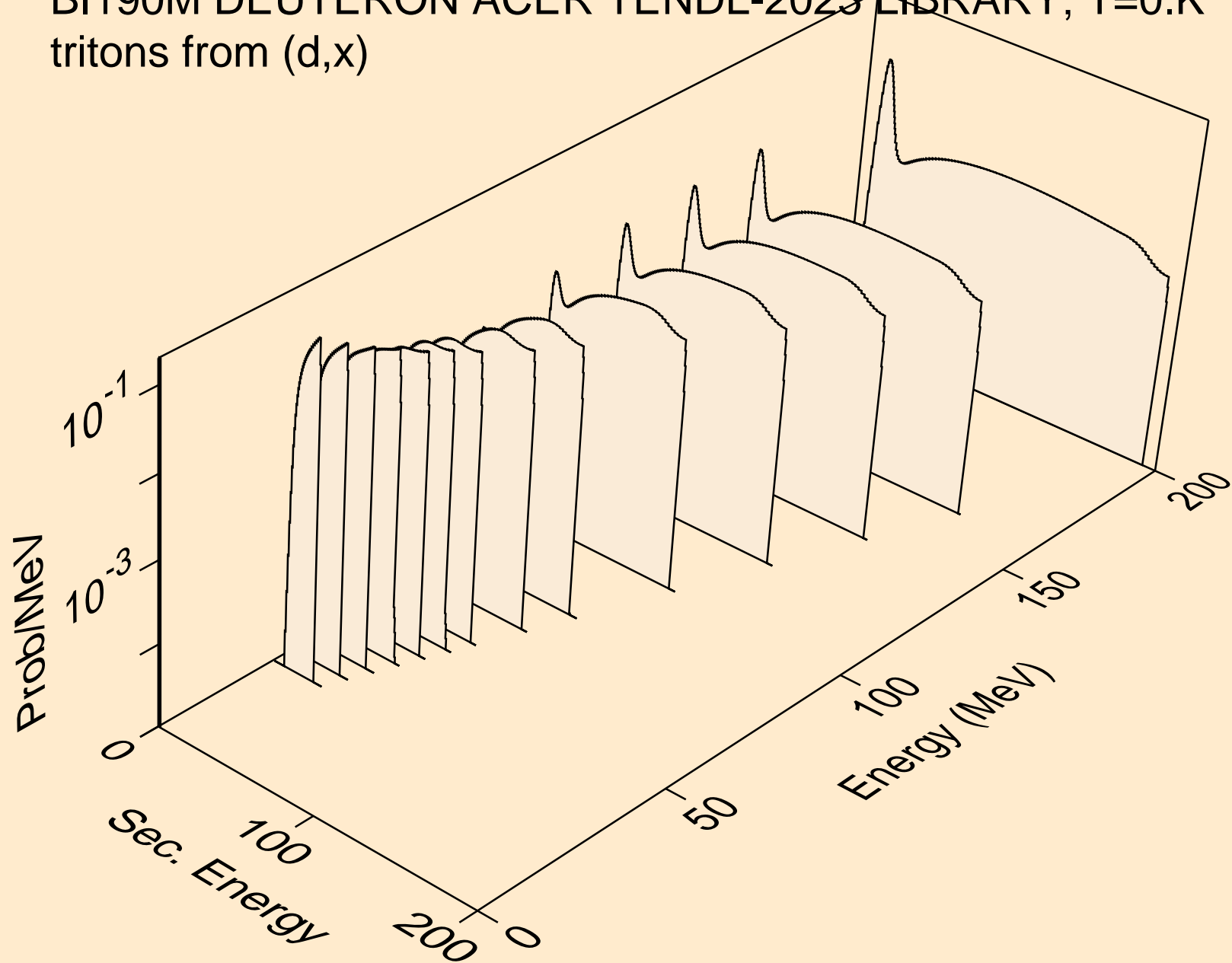
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protons from (d,pd)



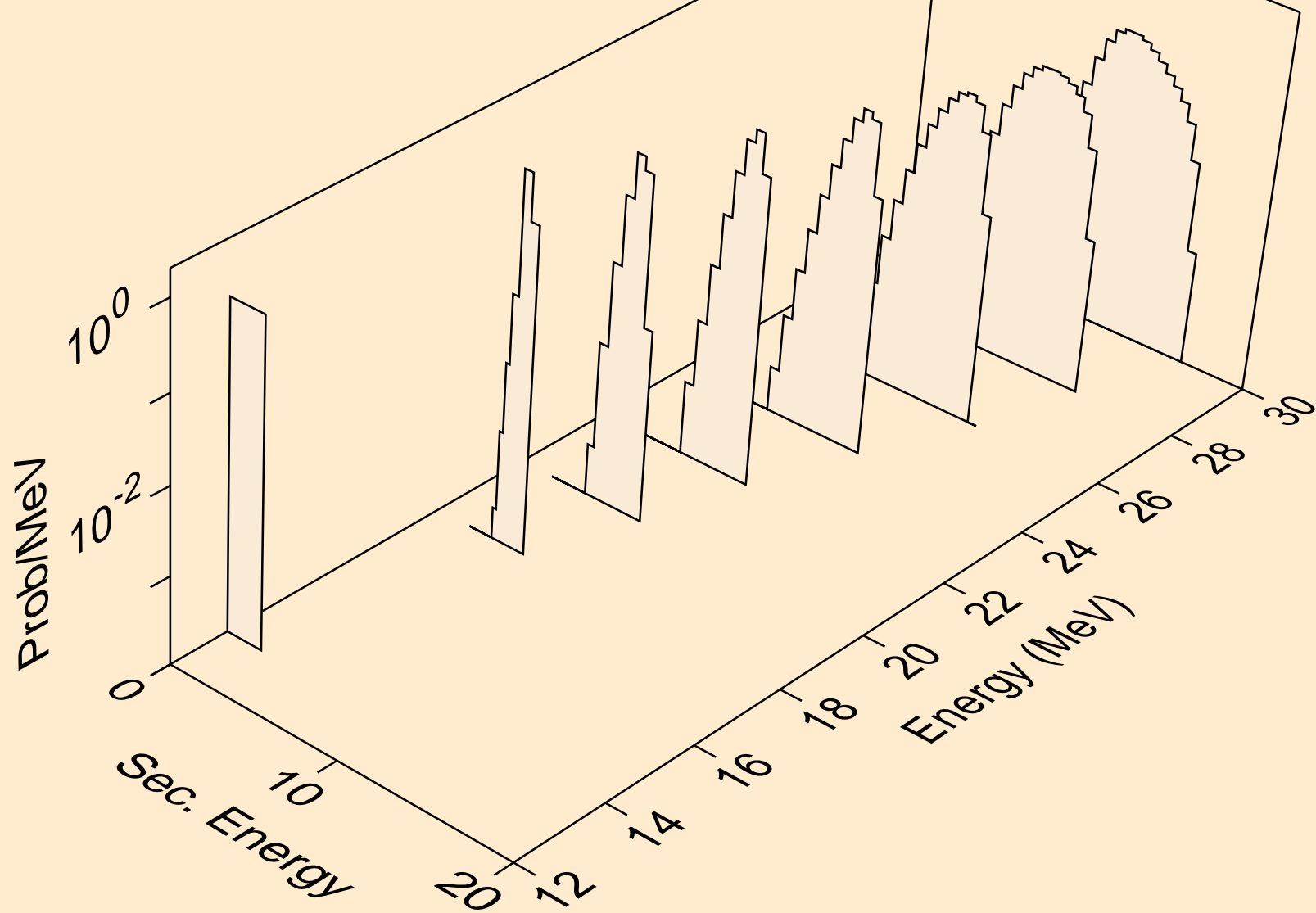
BI190M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (d,pt)



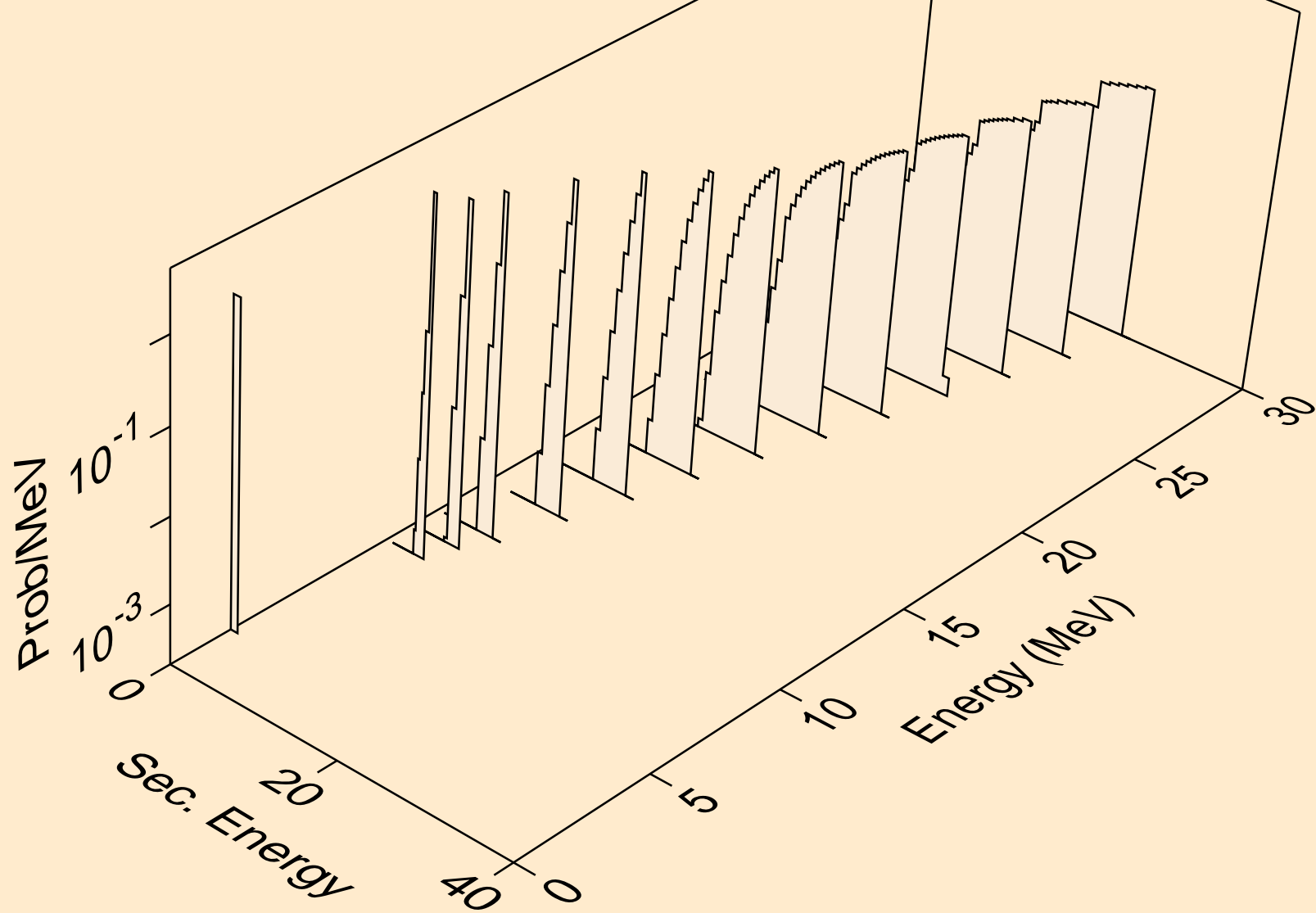
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tritons from (d,x)



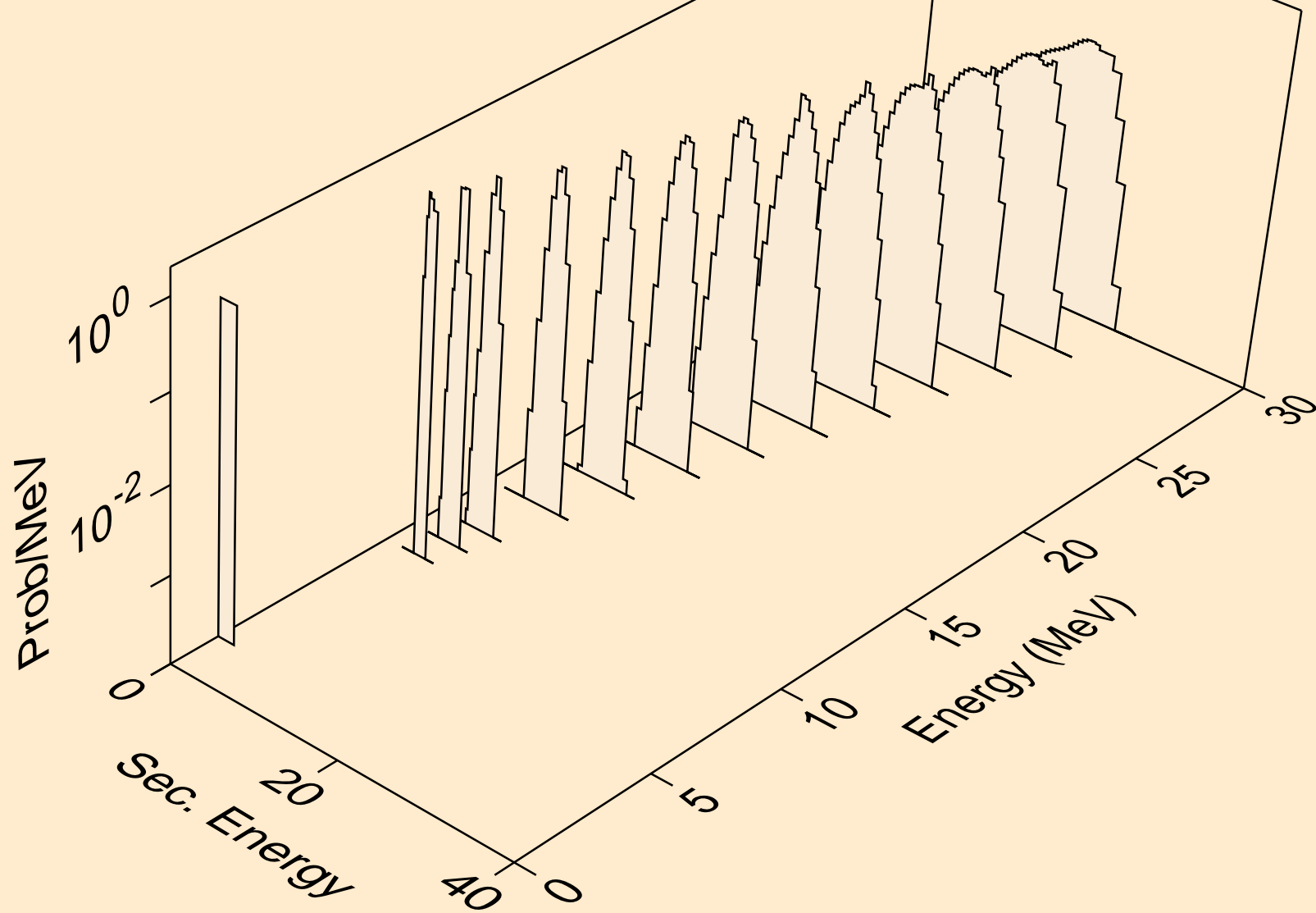
BI190M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (d,n\*)t



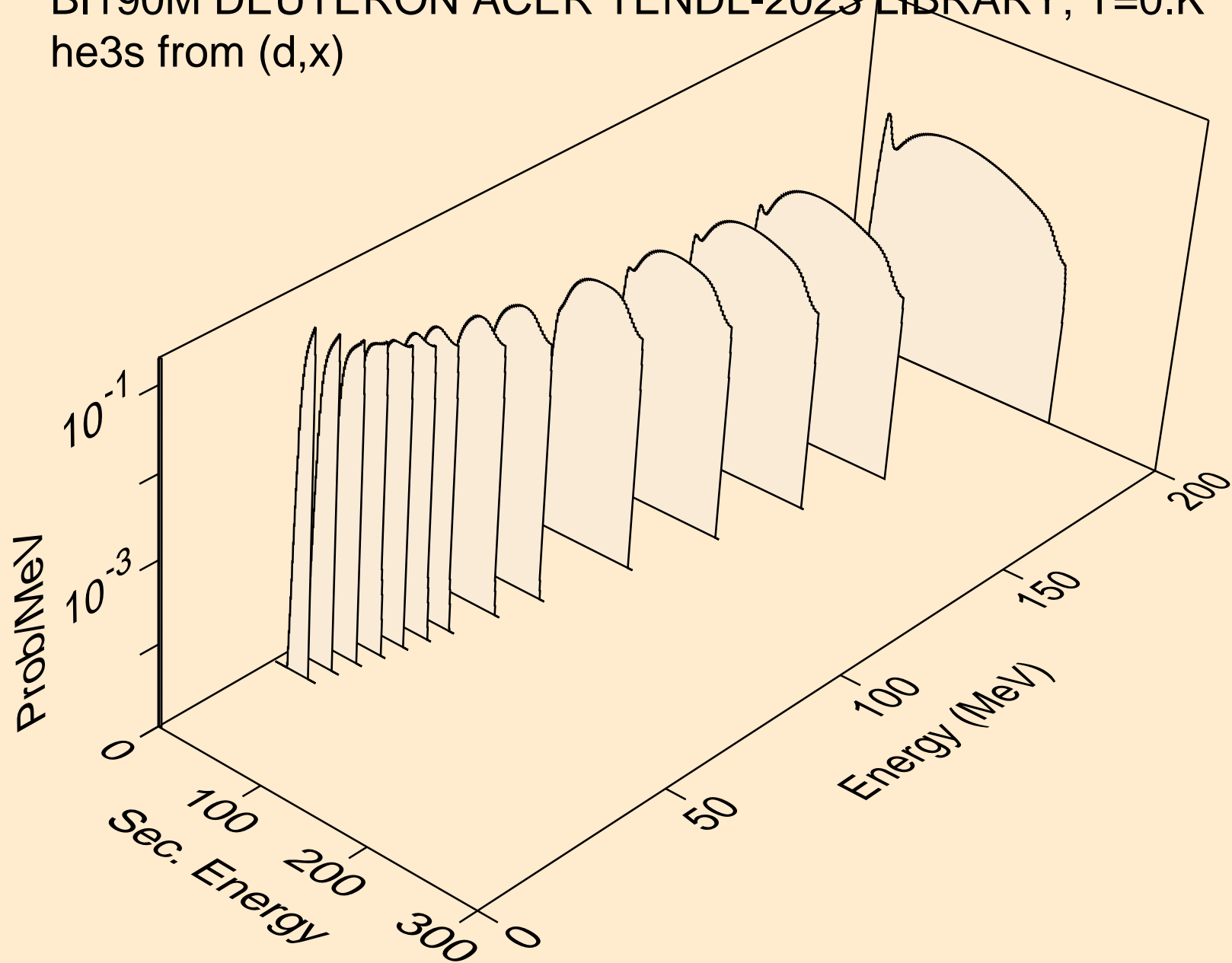
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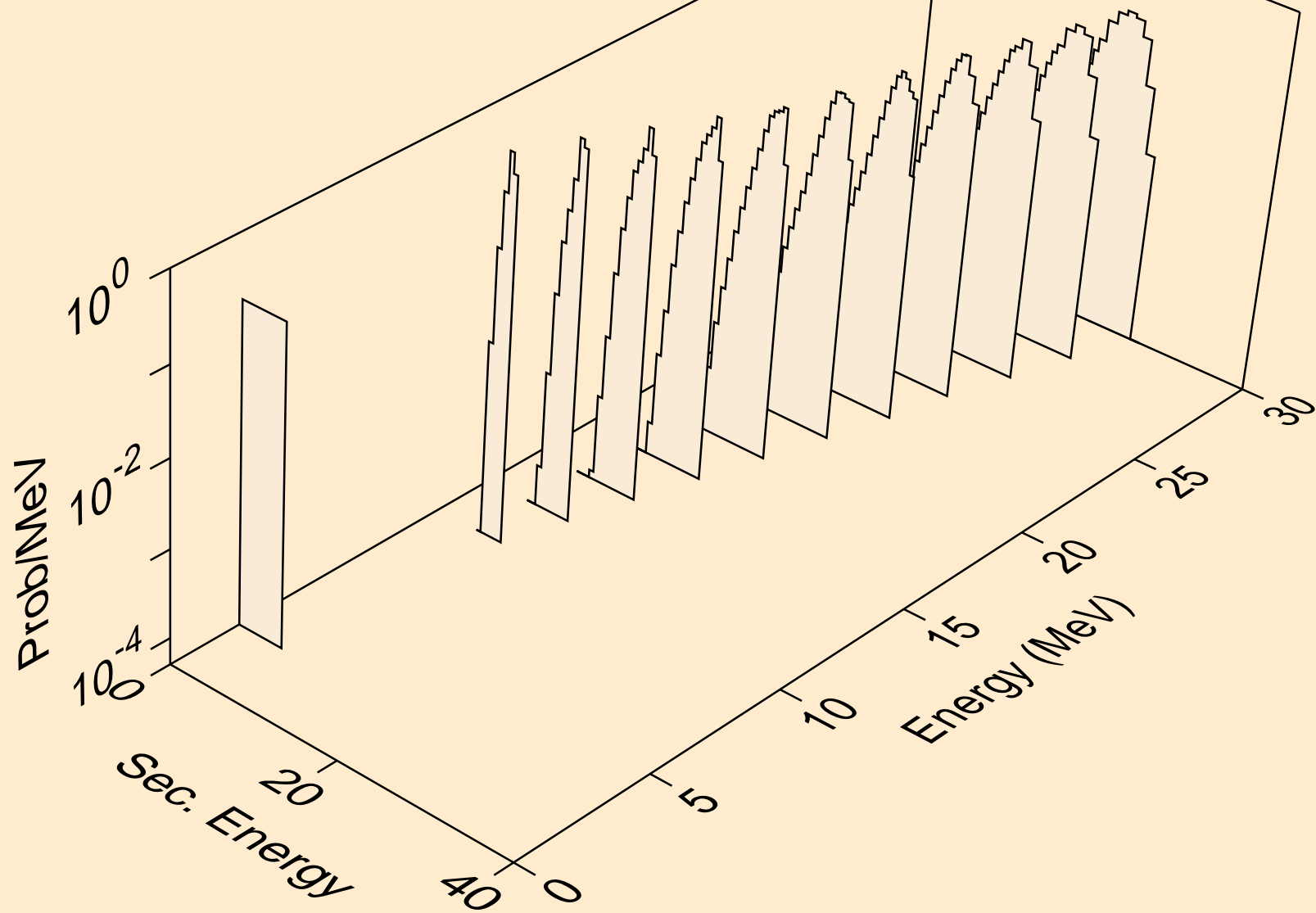
BI190M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (d,pt)



BI190M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (d,x)

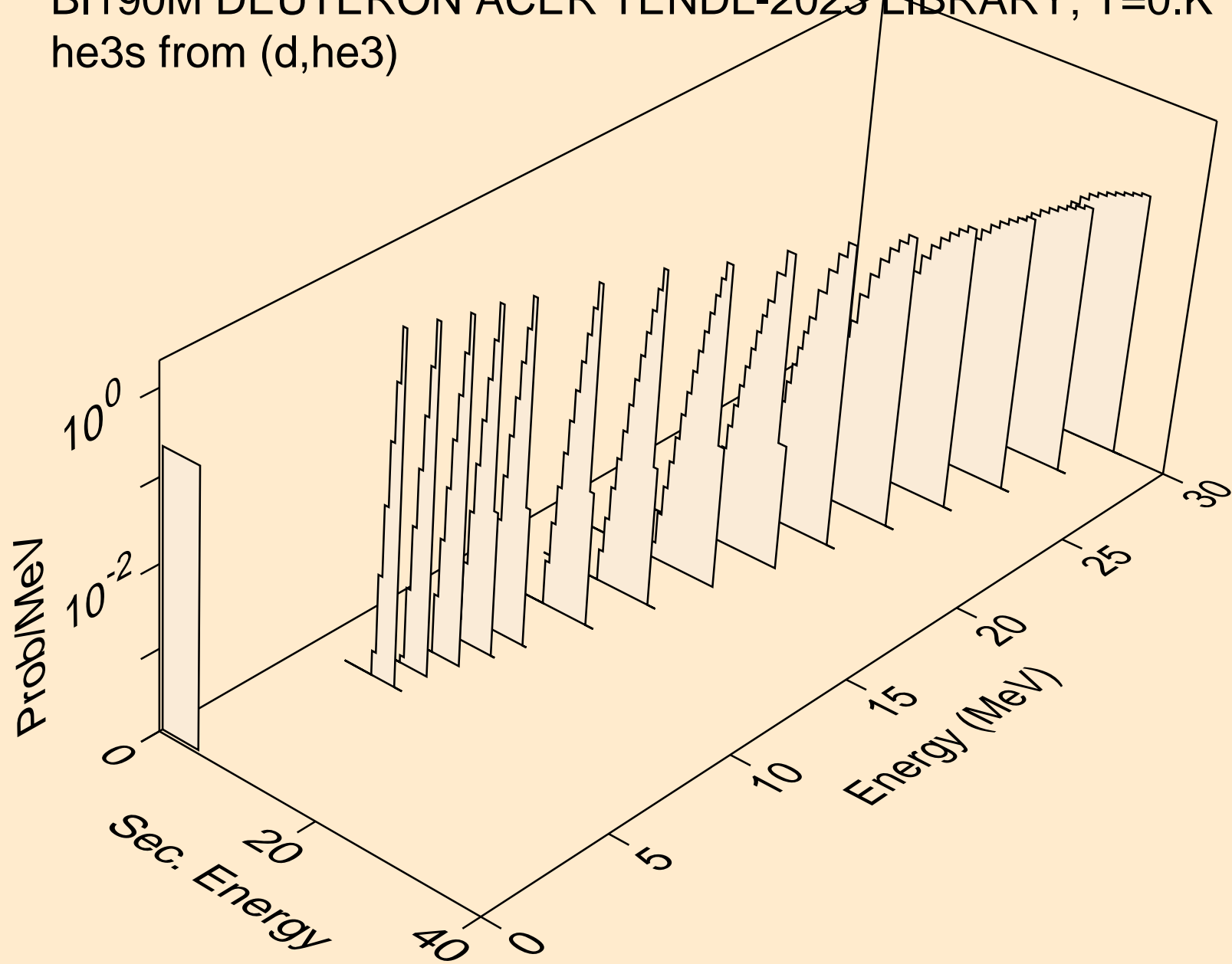


BI190M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (d,n\*)he3

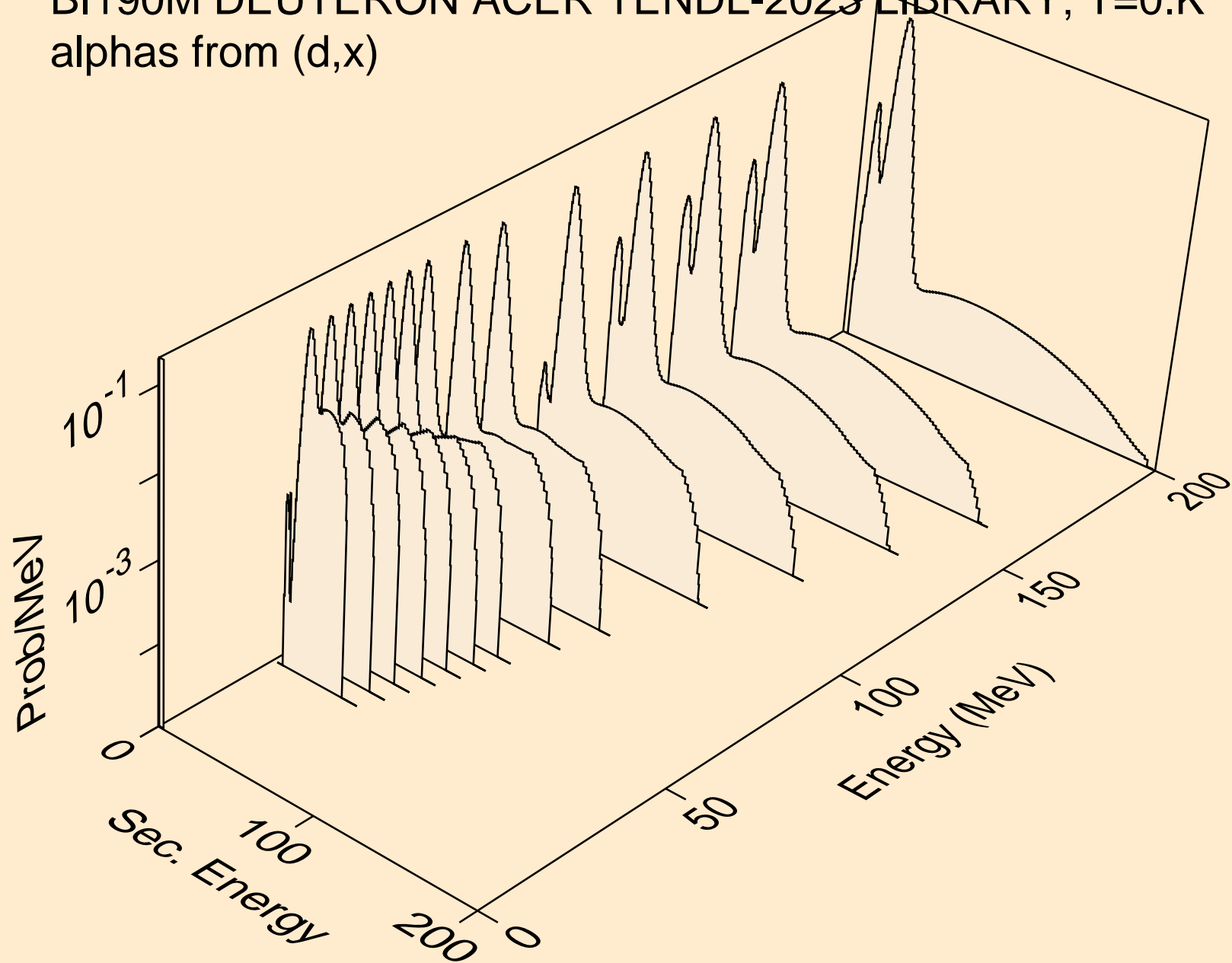




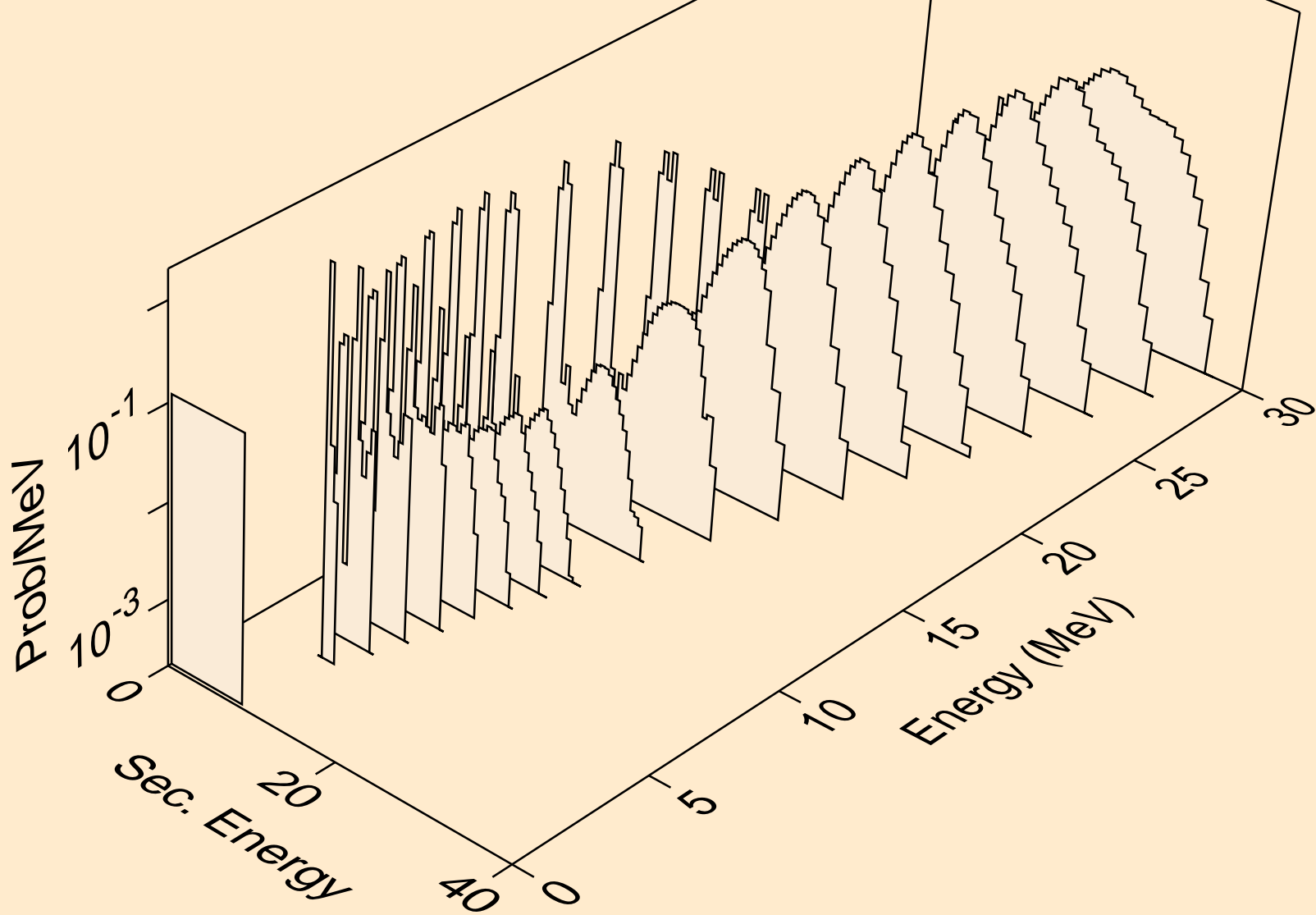
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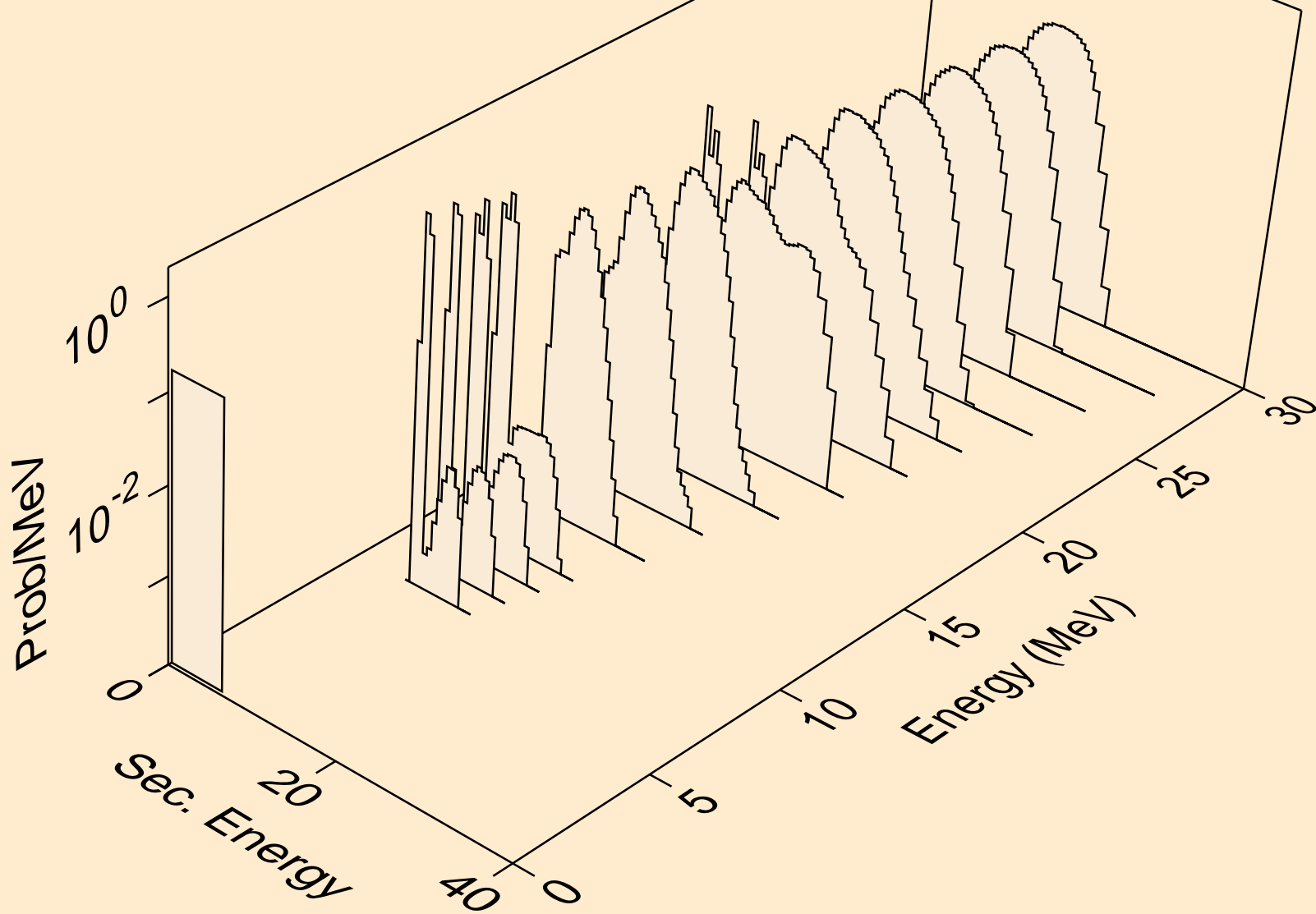
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alphas from (d,x)



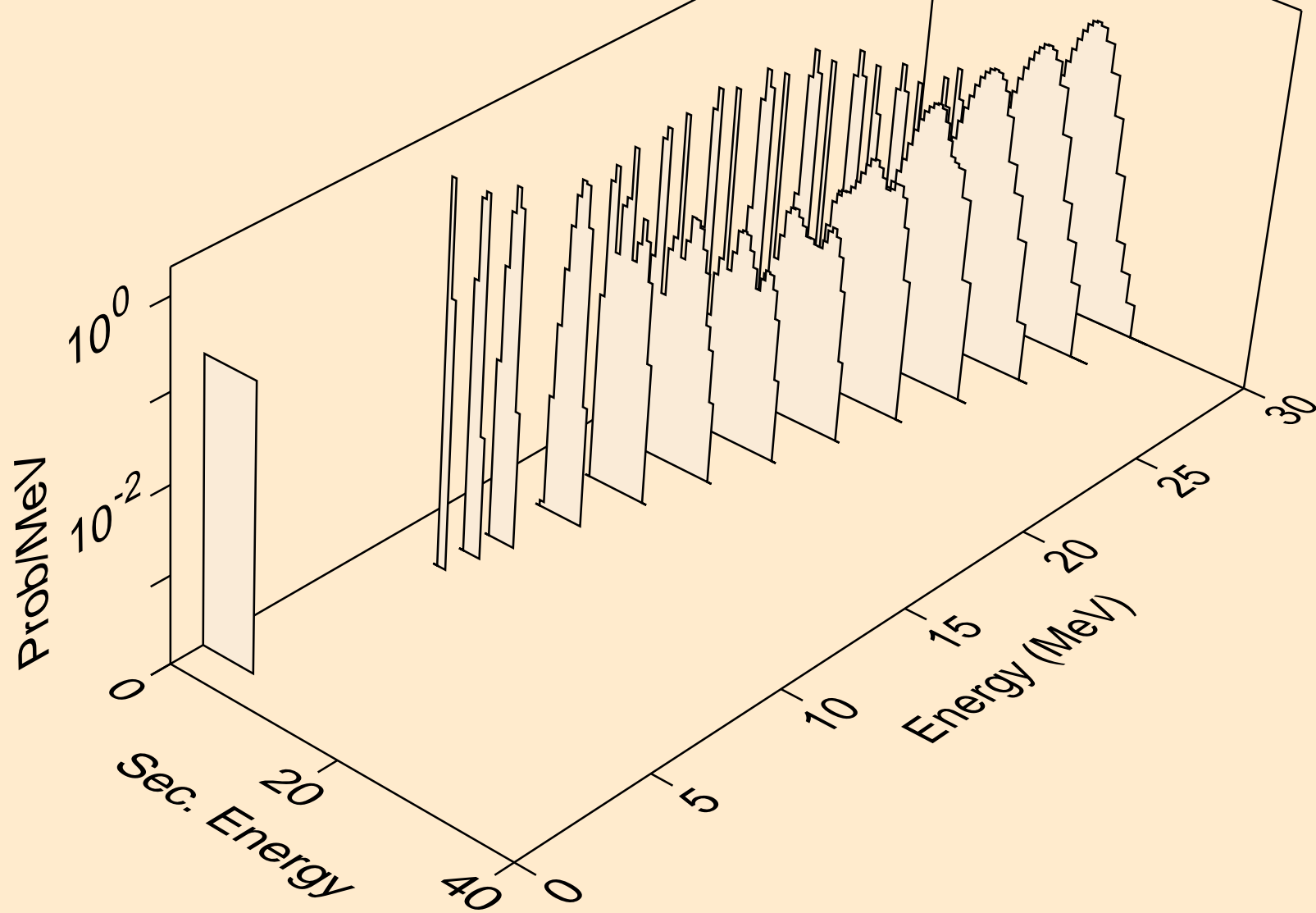
BI190M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,n\*)a



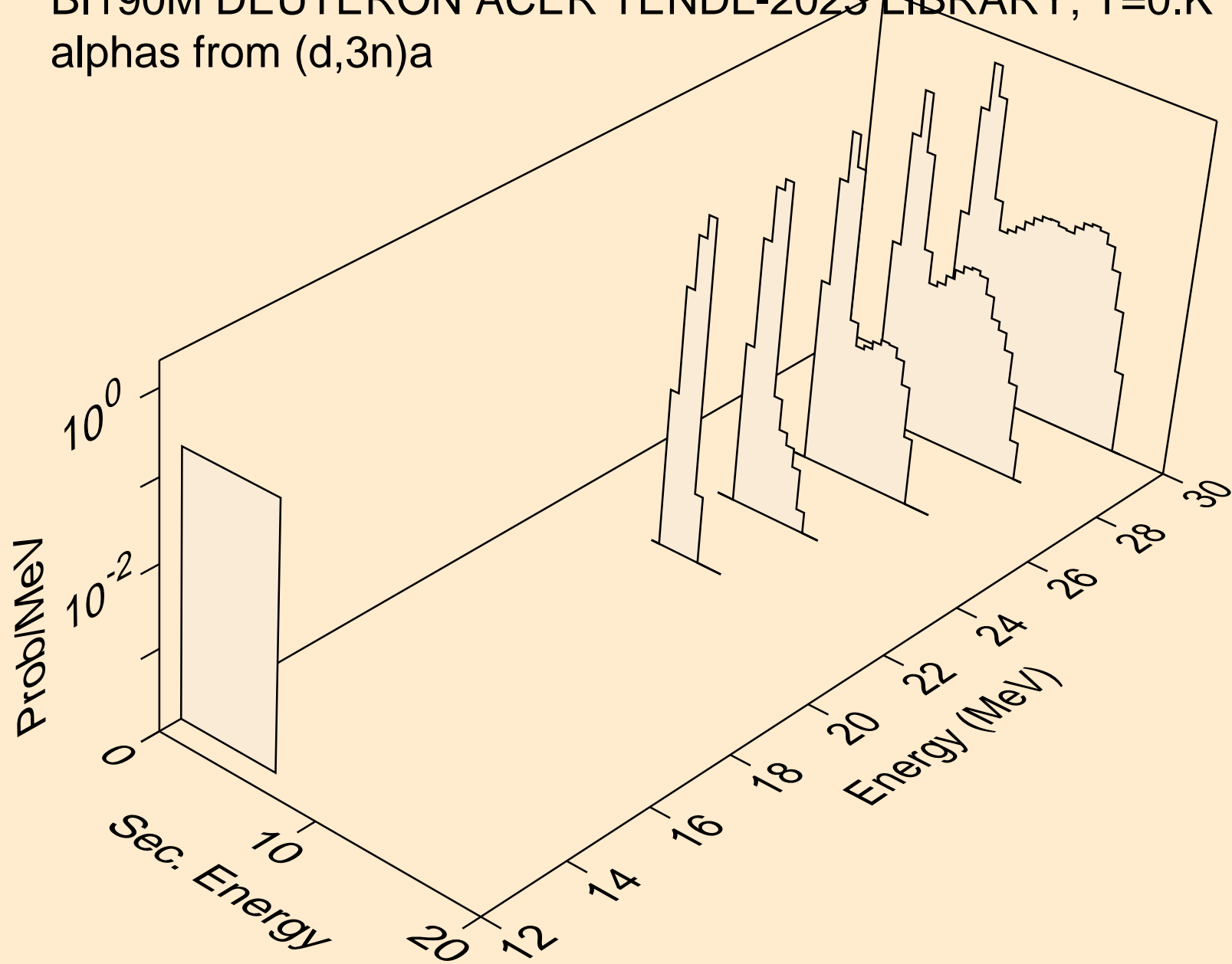
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alphas from (d,n\*)3a



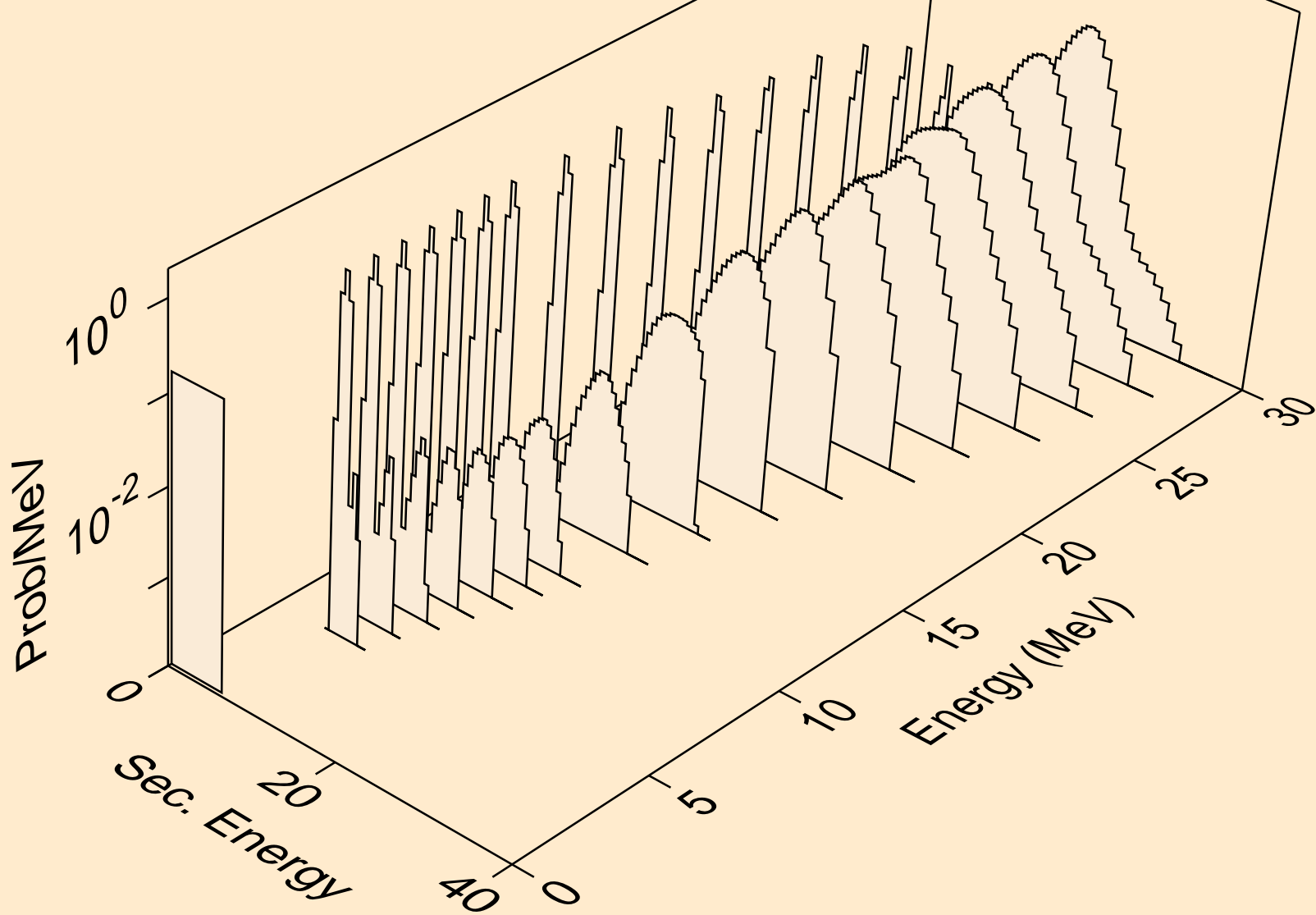
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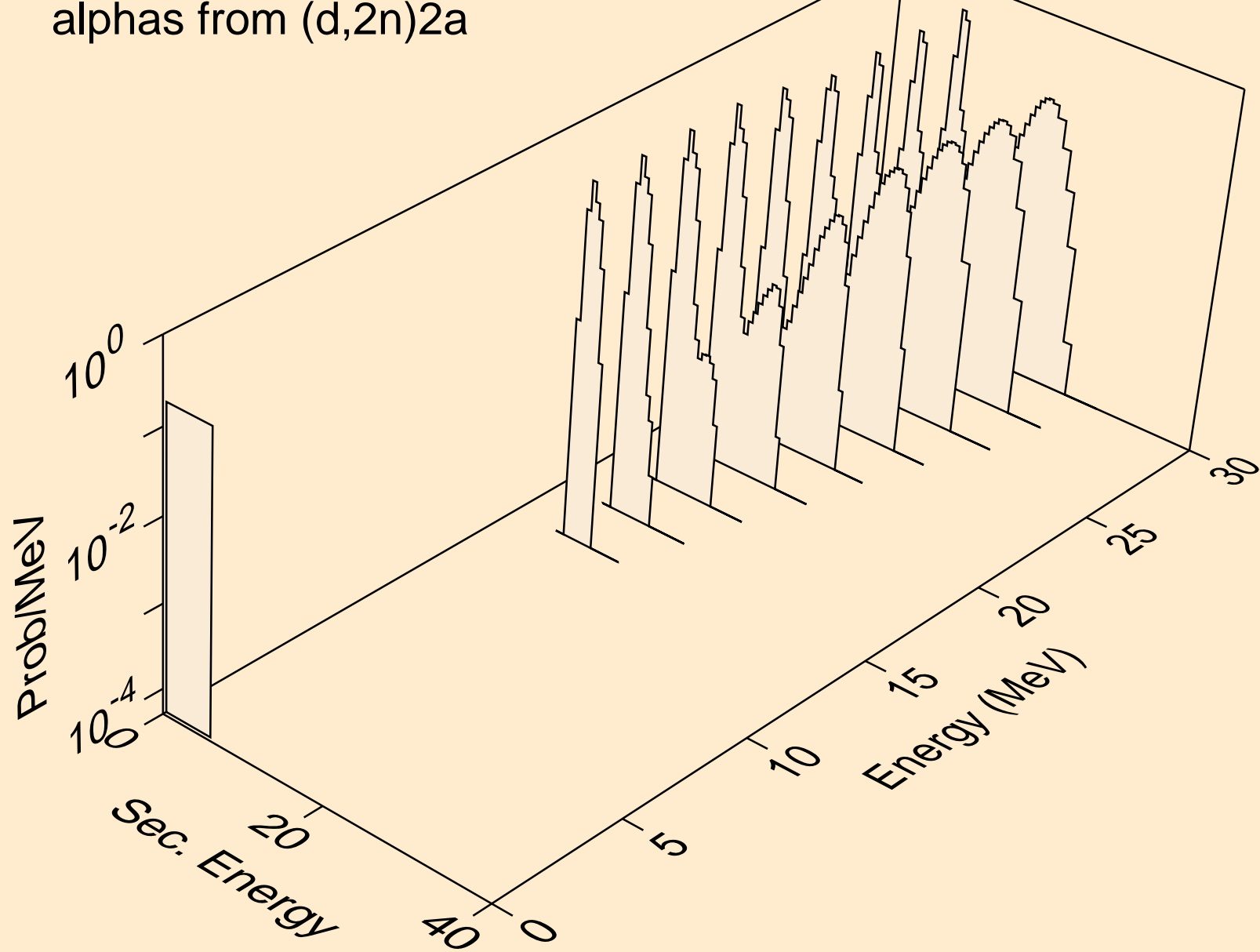
BI190M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,3n)a



BI190M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
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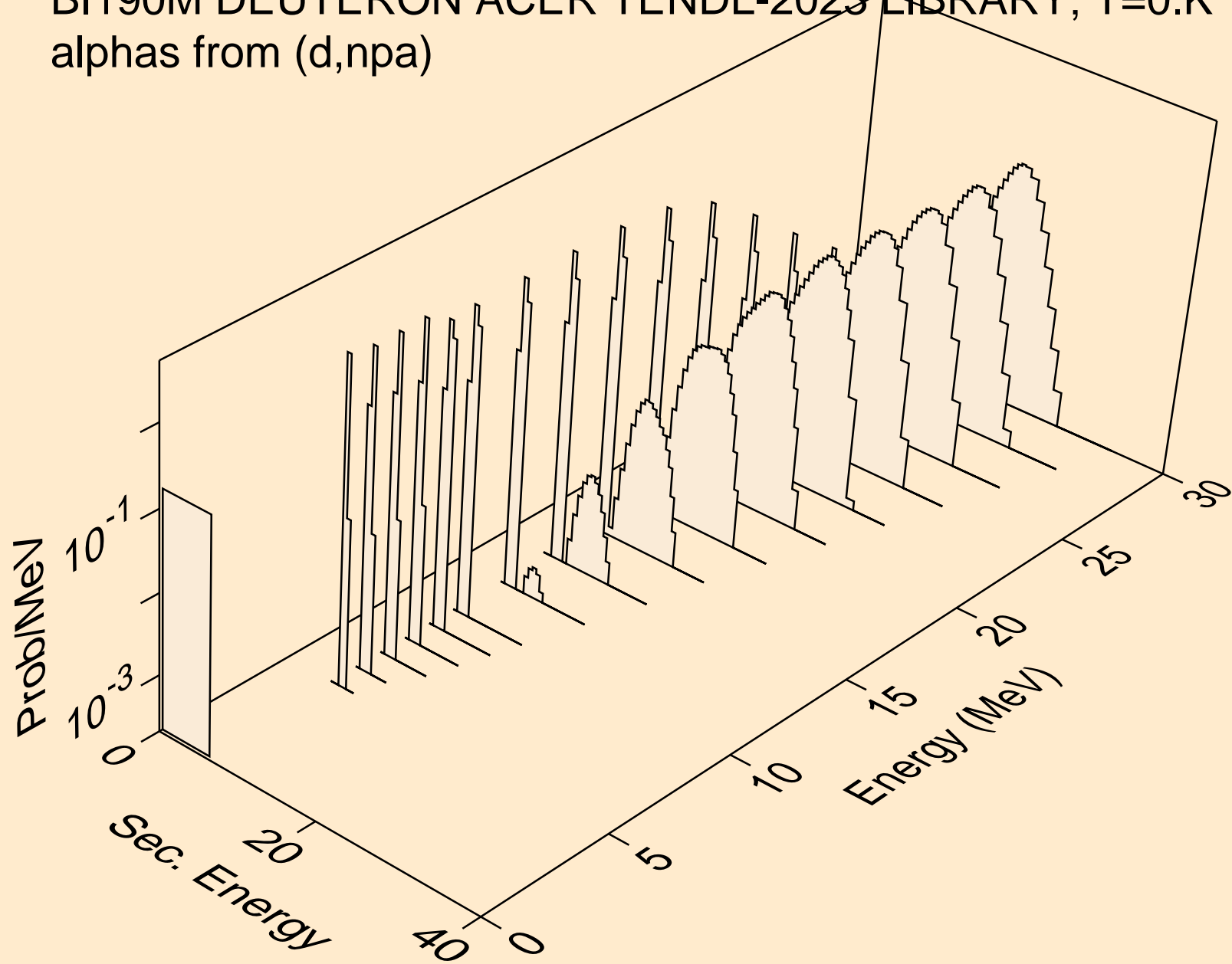


BI190M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
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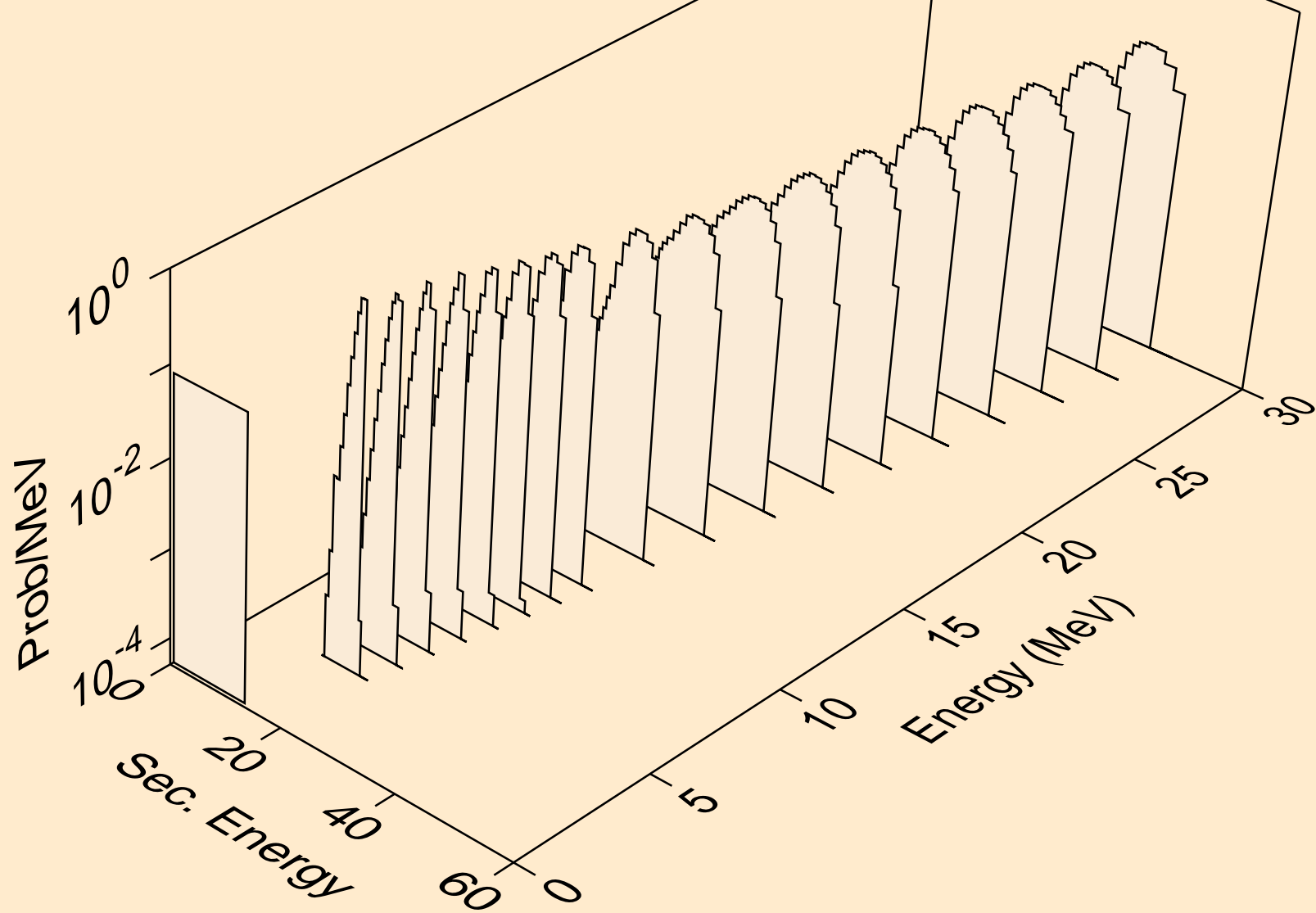




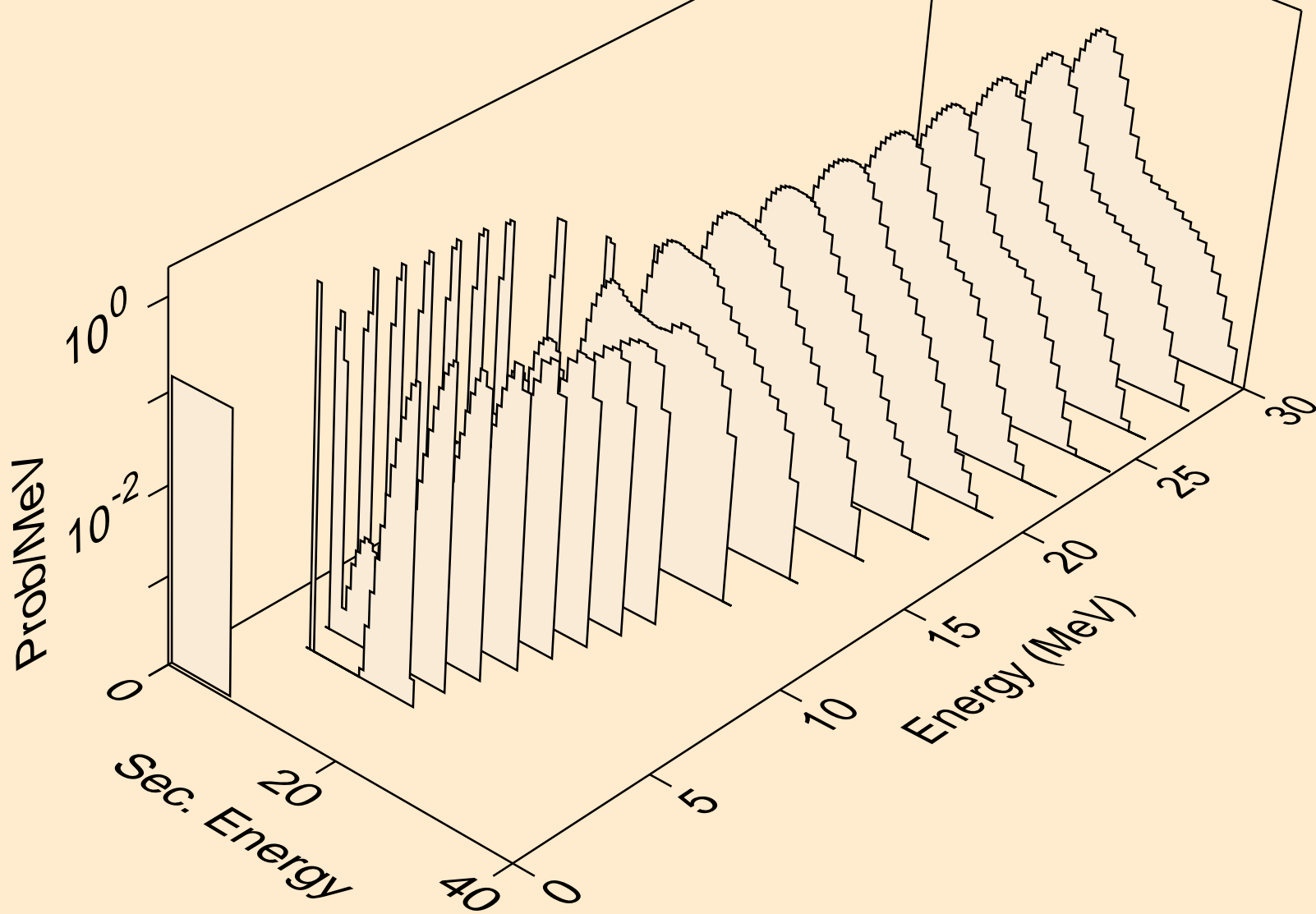
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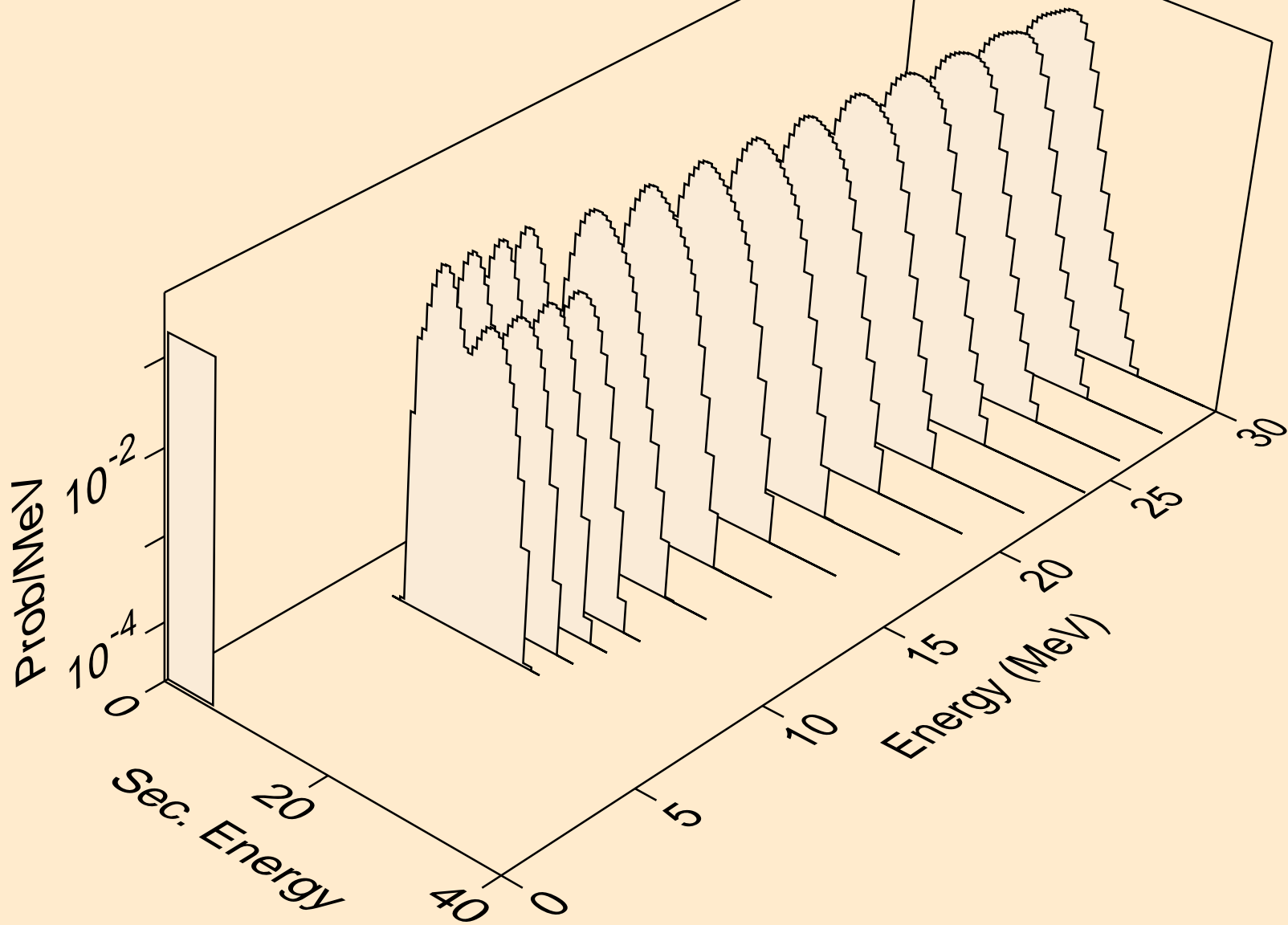
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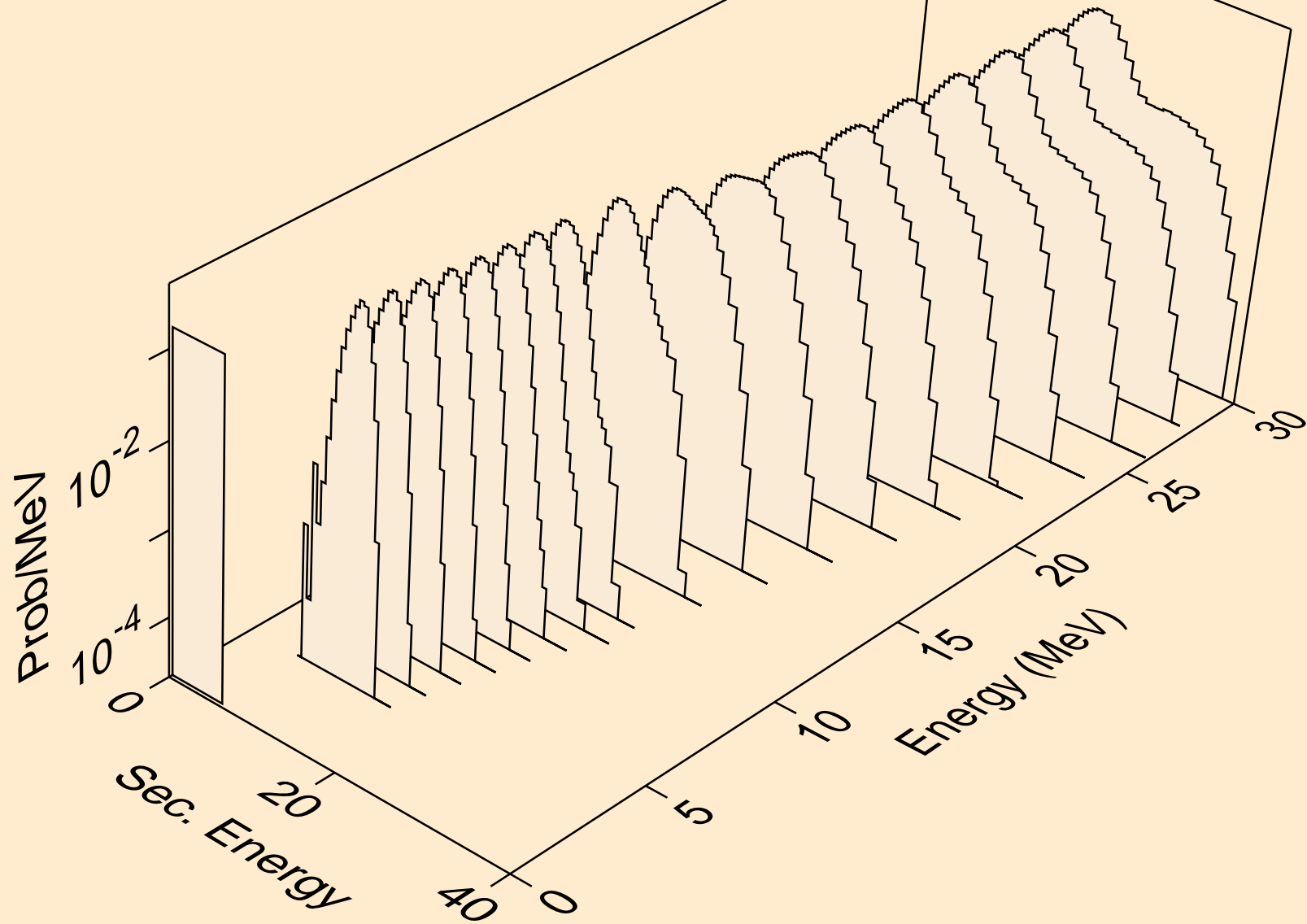
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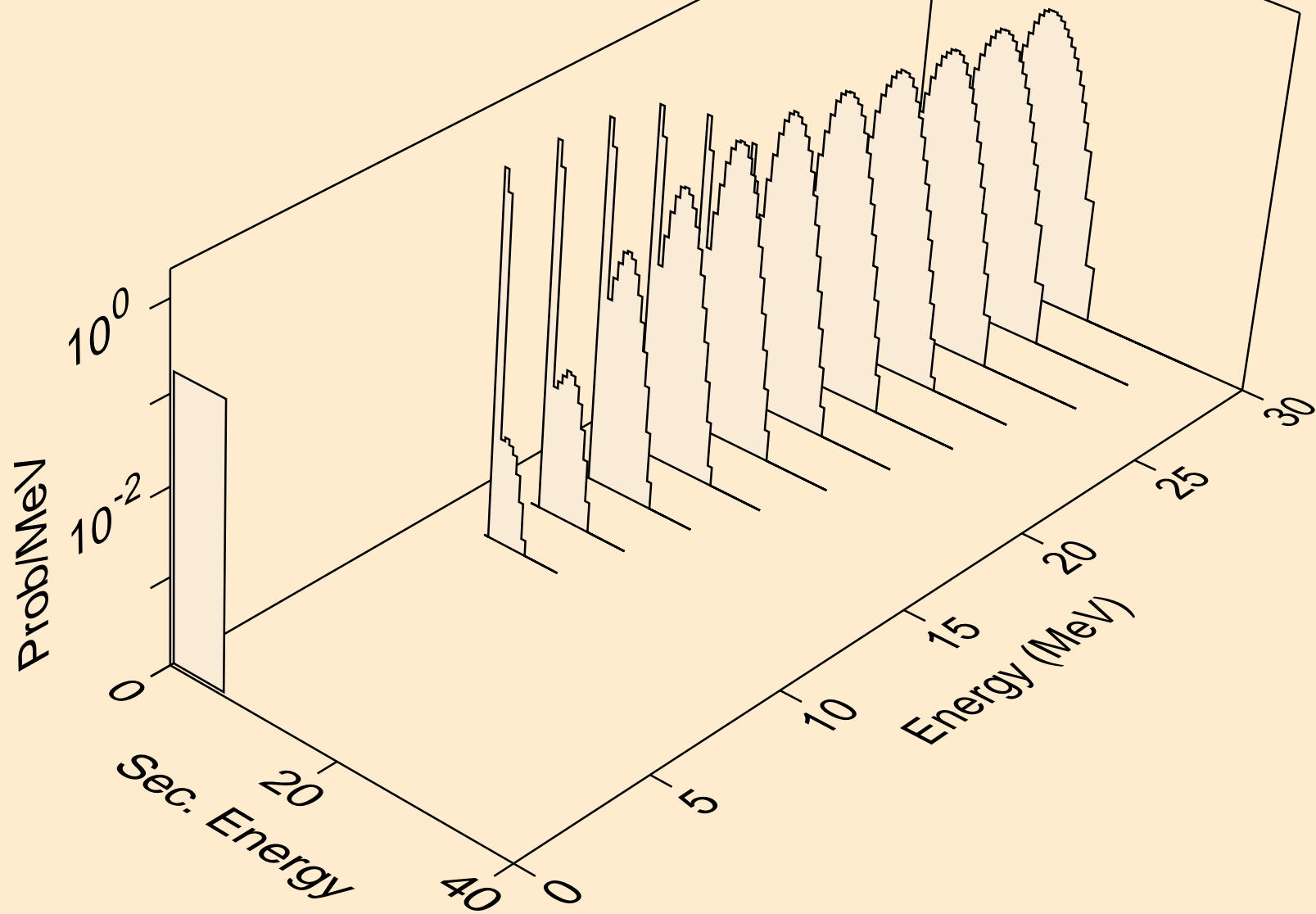
BI190M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,3a)



BI190M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,pa)



BI190M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,d2a)



BI190M DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,da)

