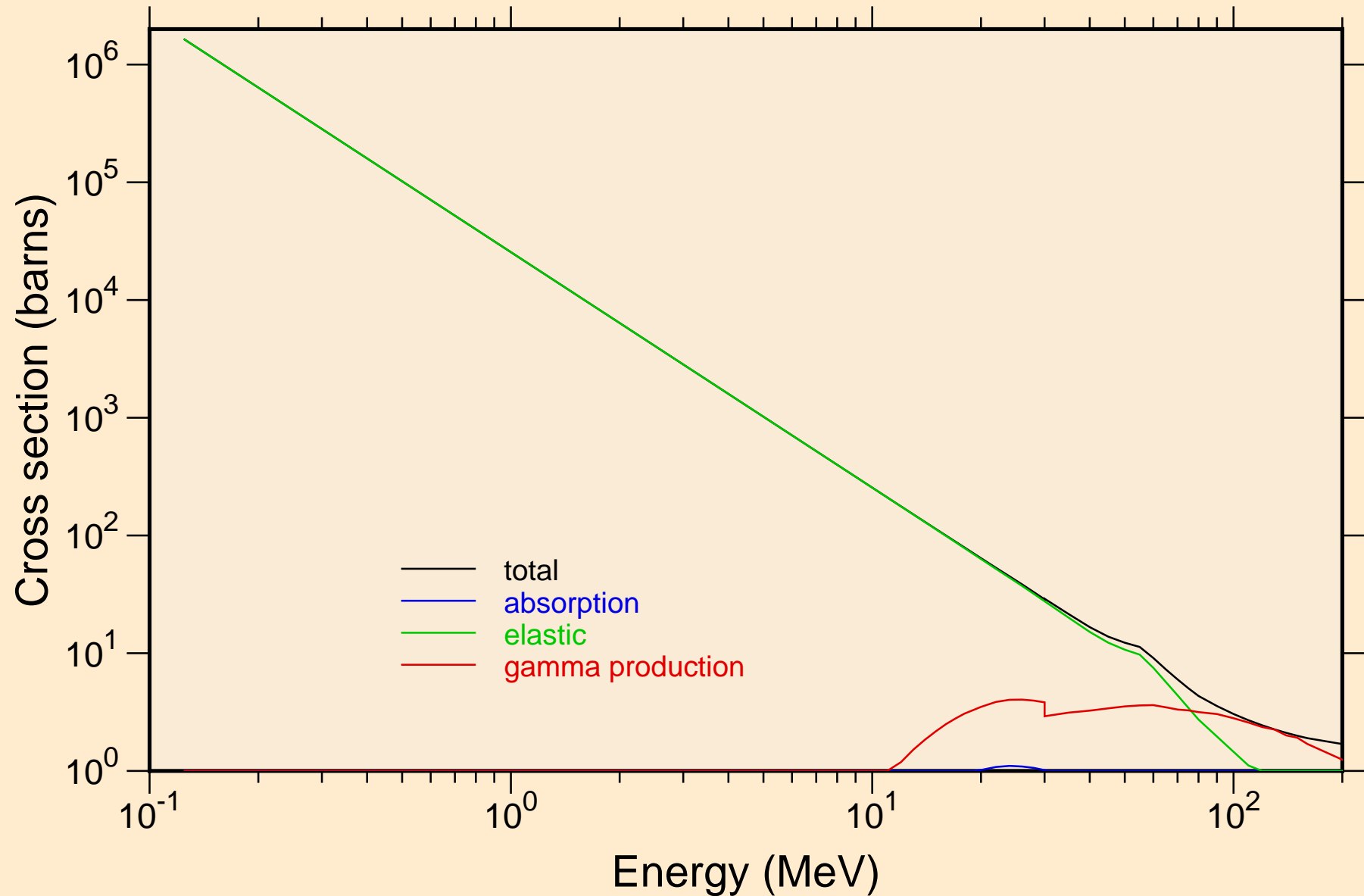


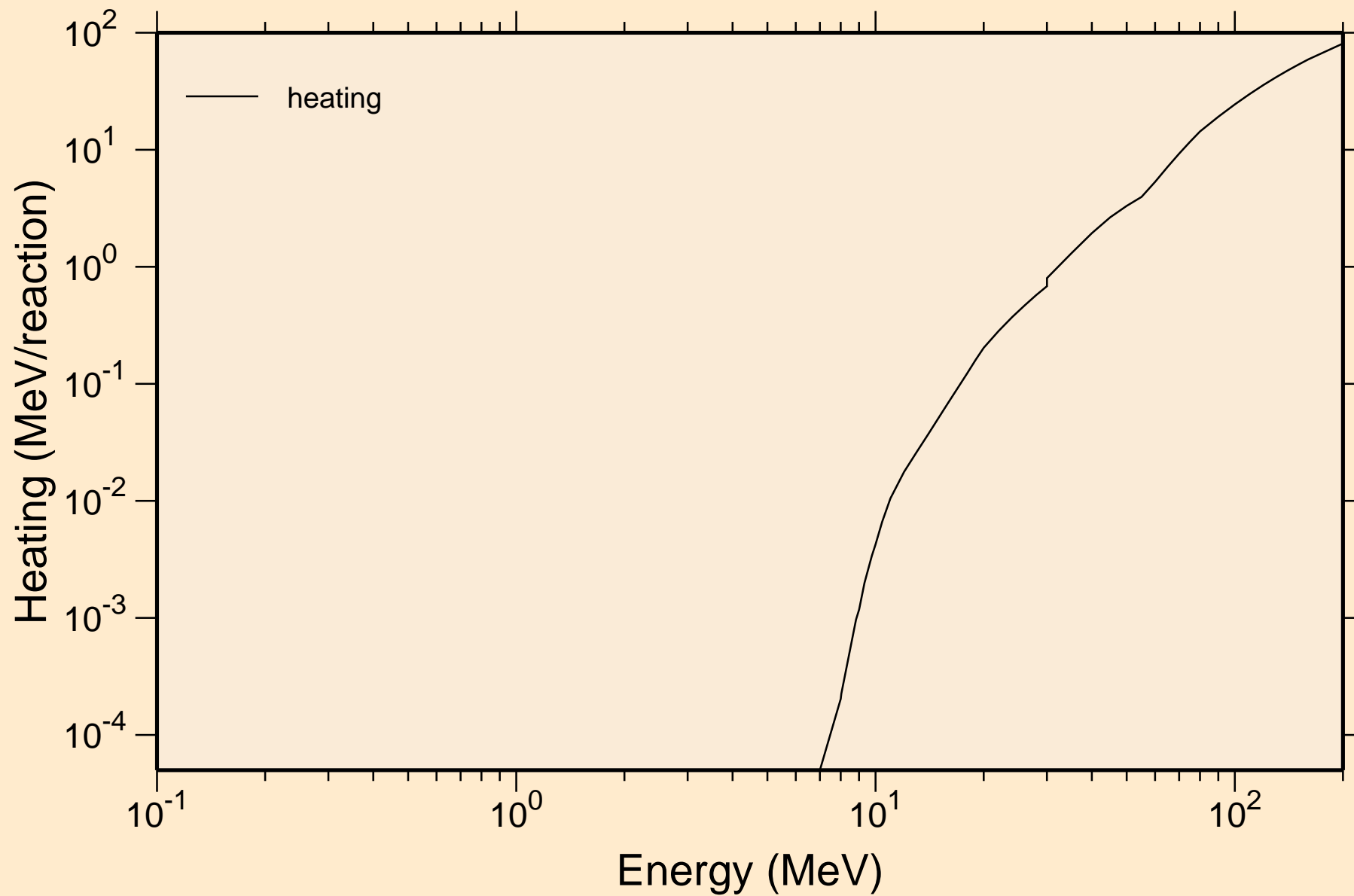
# GA075 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



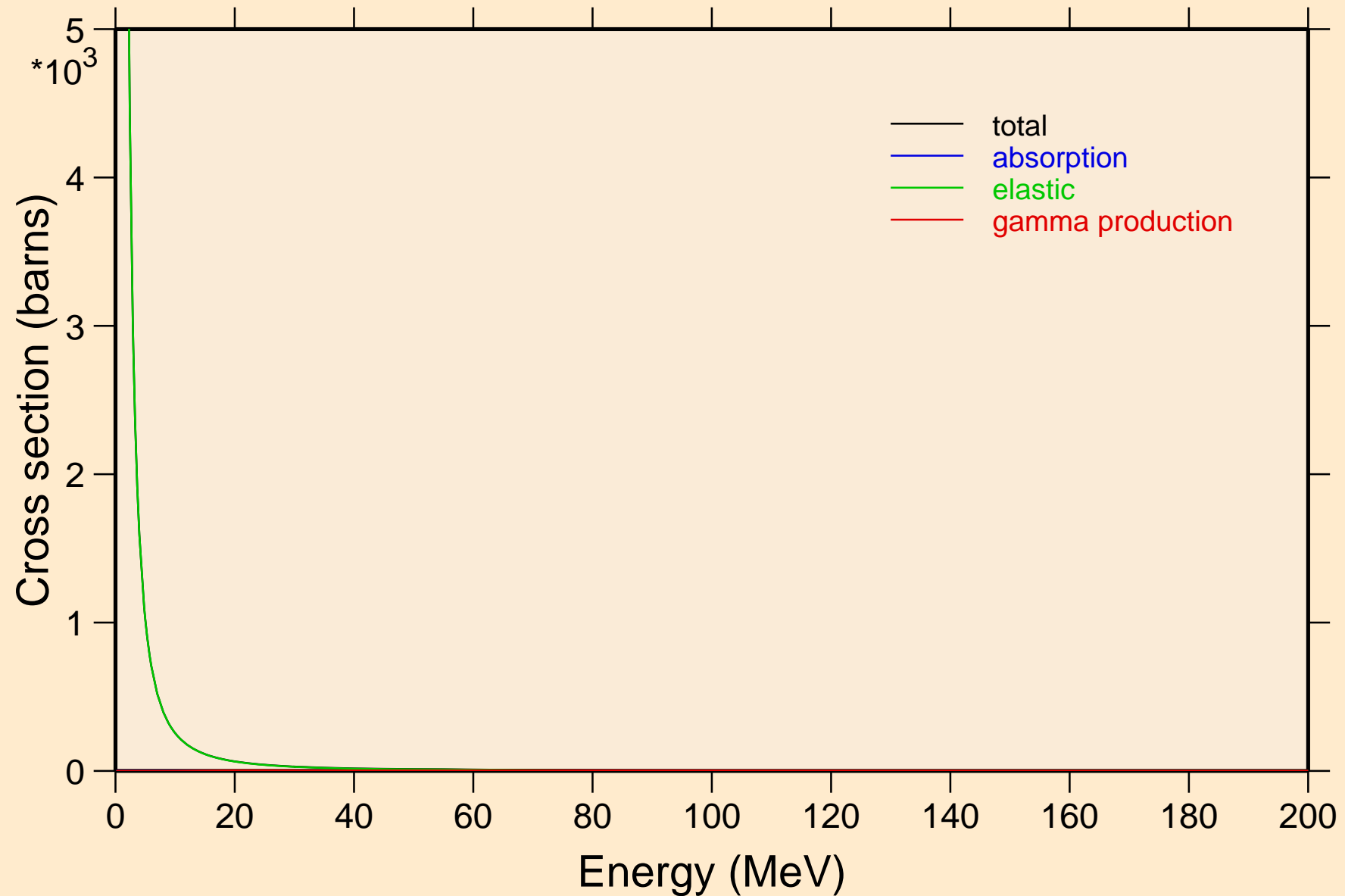
# GA075 HELION ACER TENDL-2021 LIBRARY; T=0.K

Heating



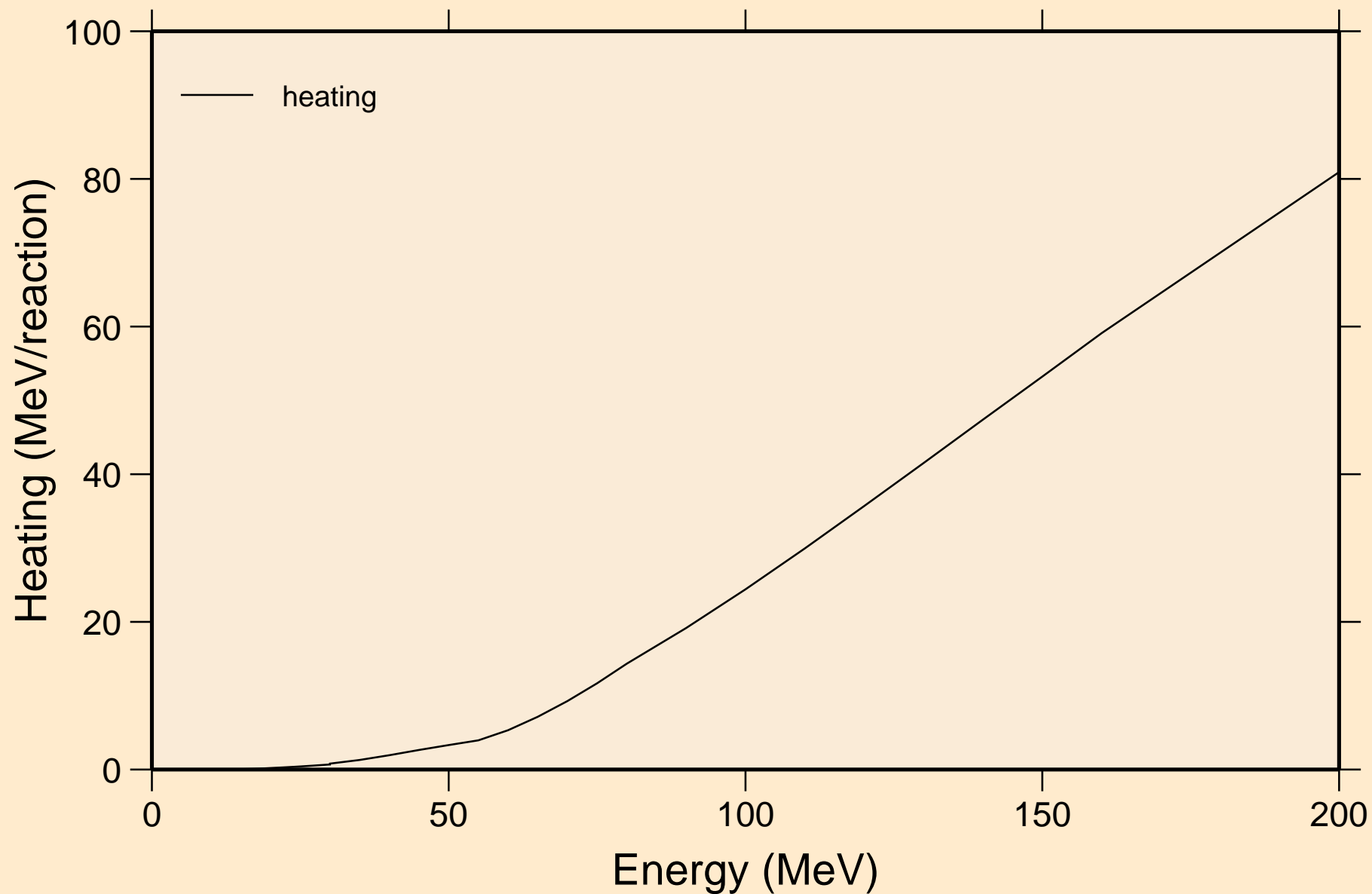
# GA075 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



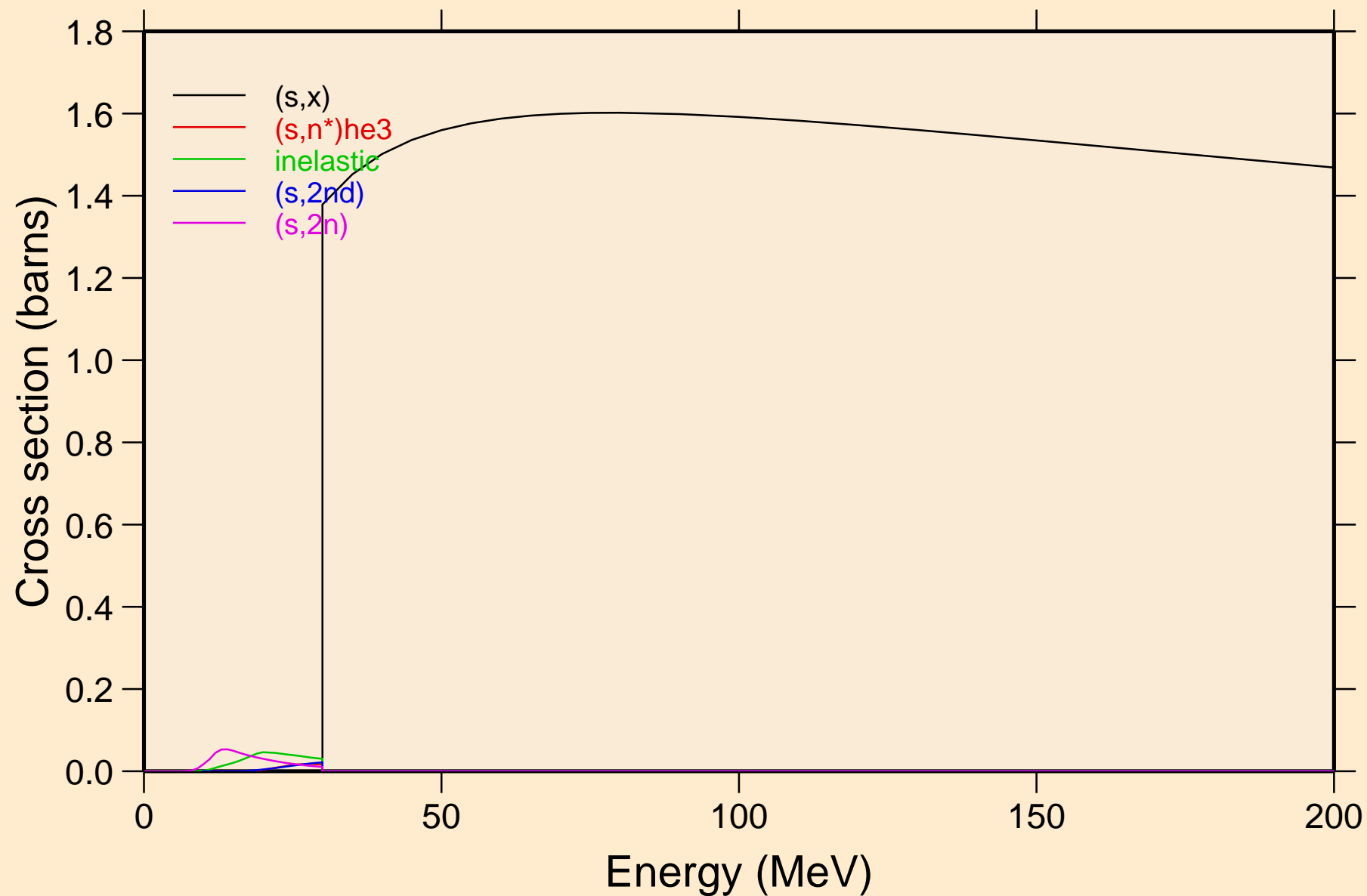
GA075 HELION ACER TENDL-2021 LIBRARY; T=0.K

Heating



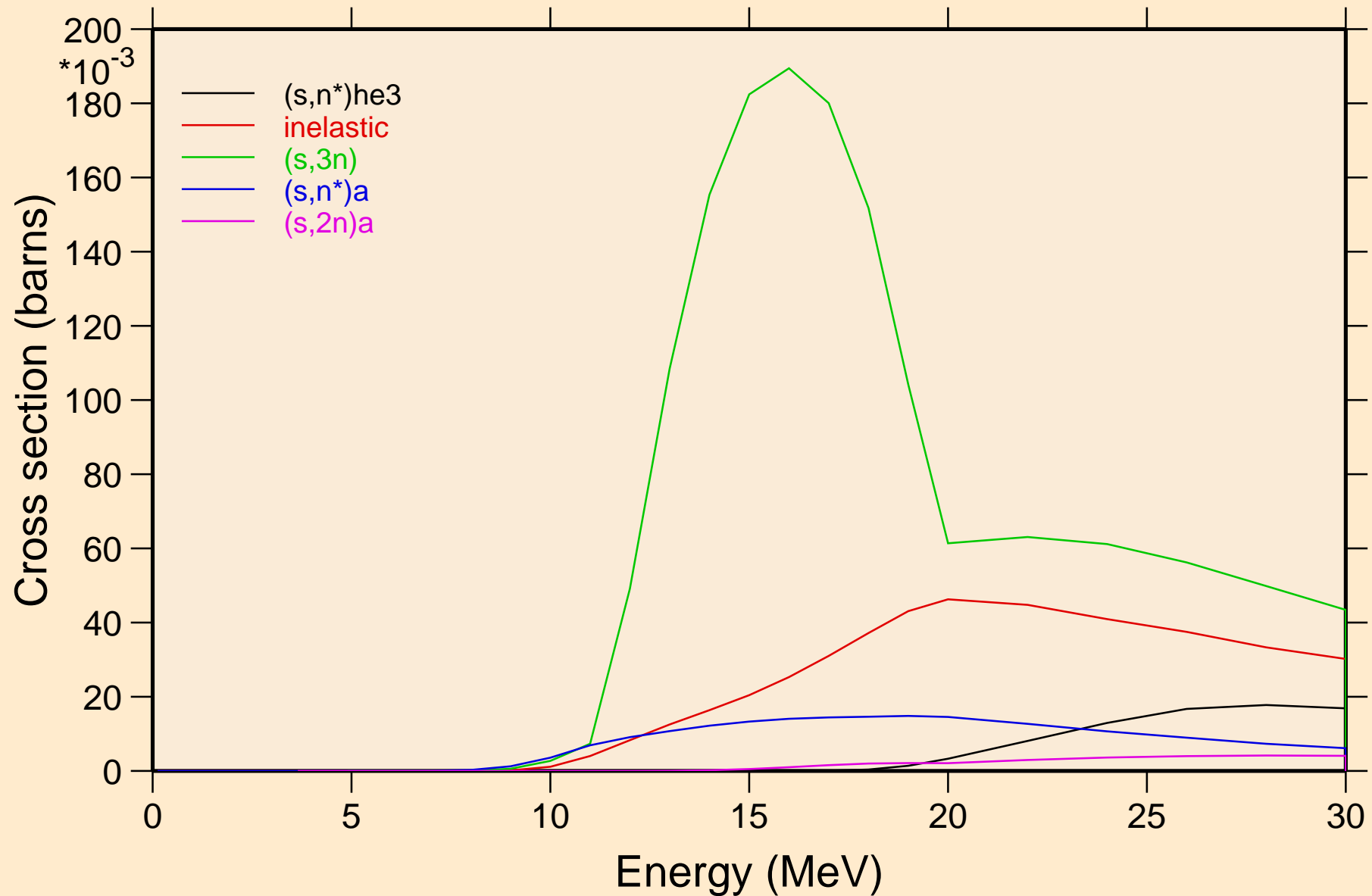
# GA075 HELION ACER TENDL-2021 LIBRARY; T=0.K

Threshold reactions



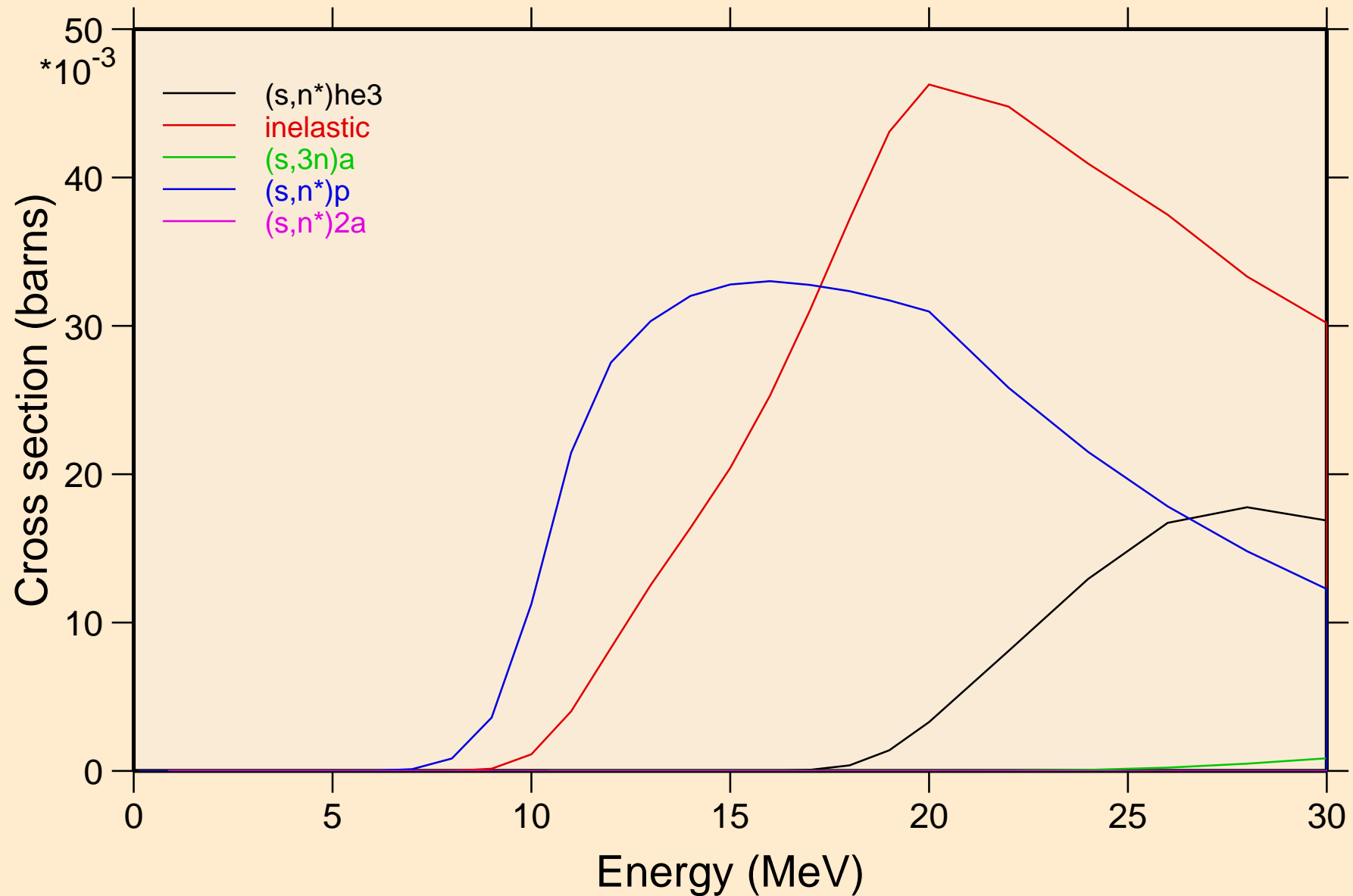
# GA075 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions



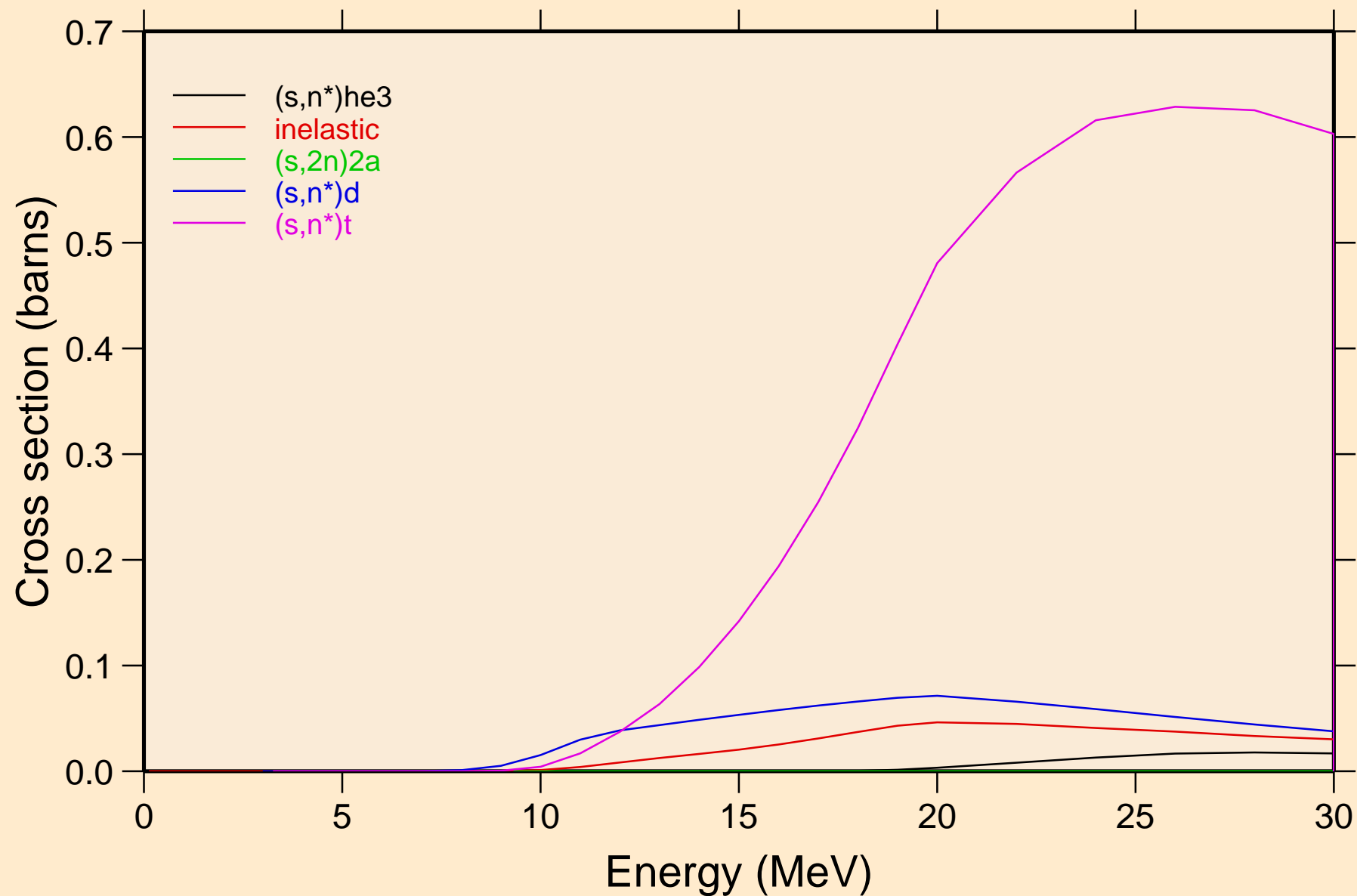
# GA075 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions



# GA075 HELION ACER TENDL-2021 LIBRARY; T=0.K

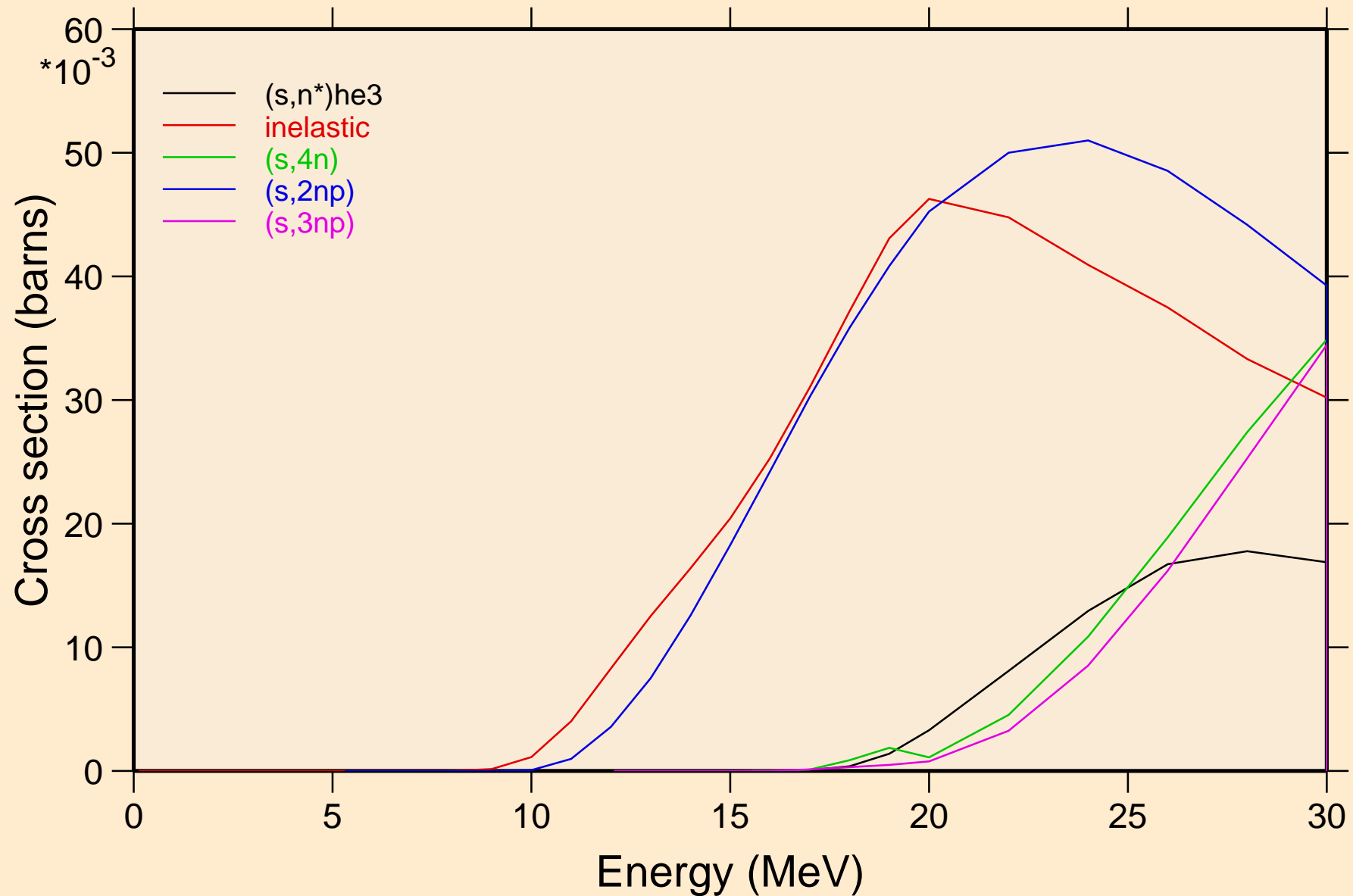
## Threshold reactions





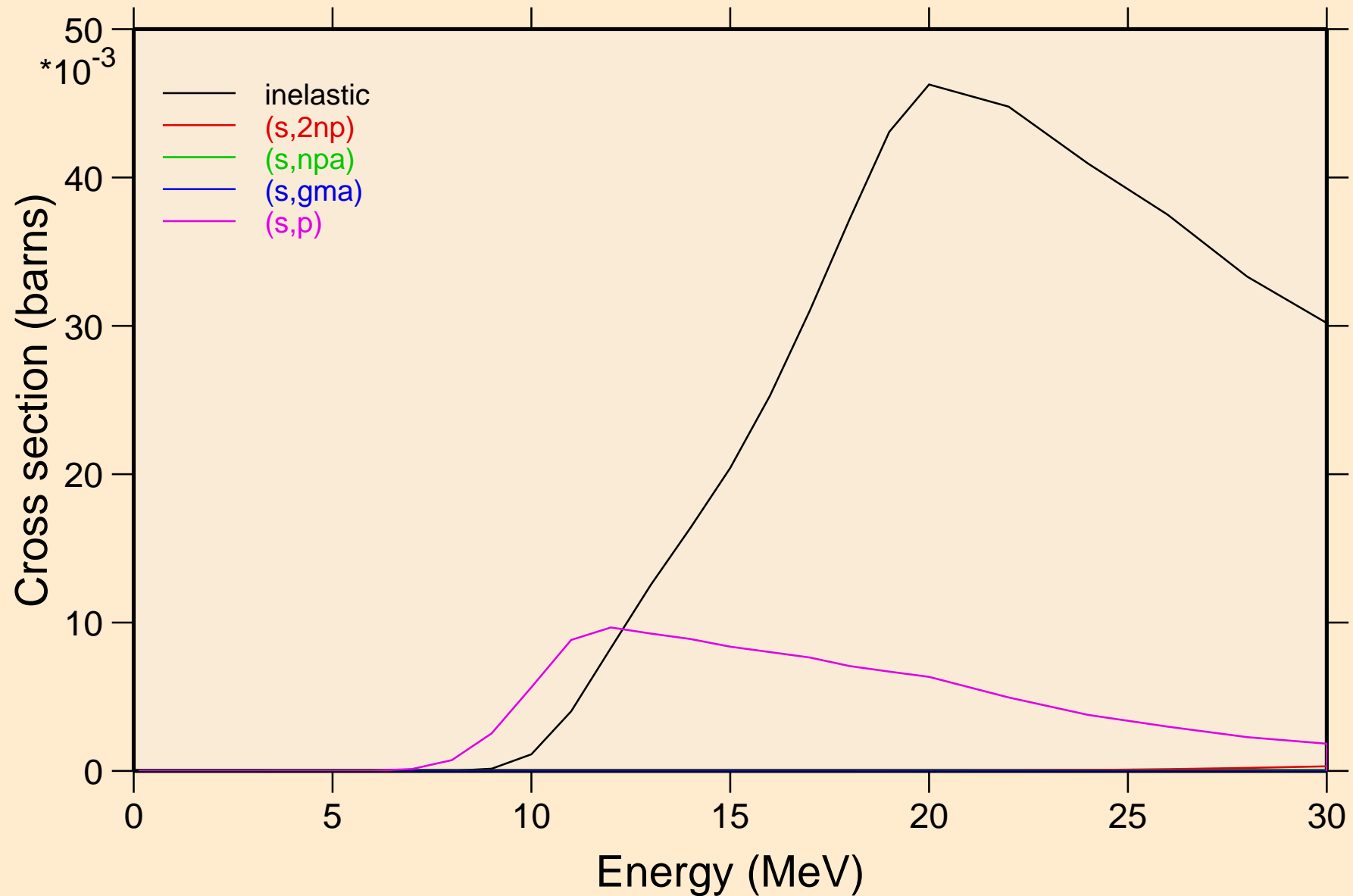
# GA075 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions

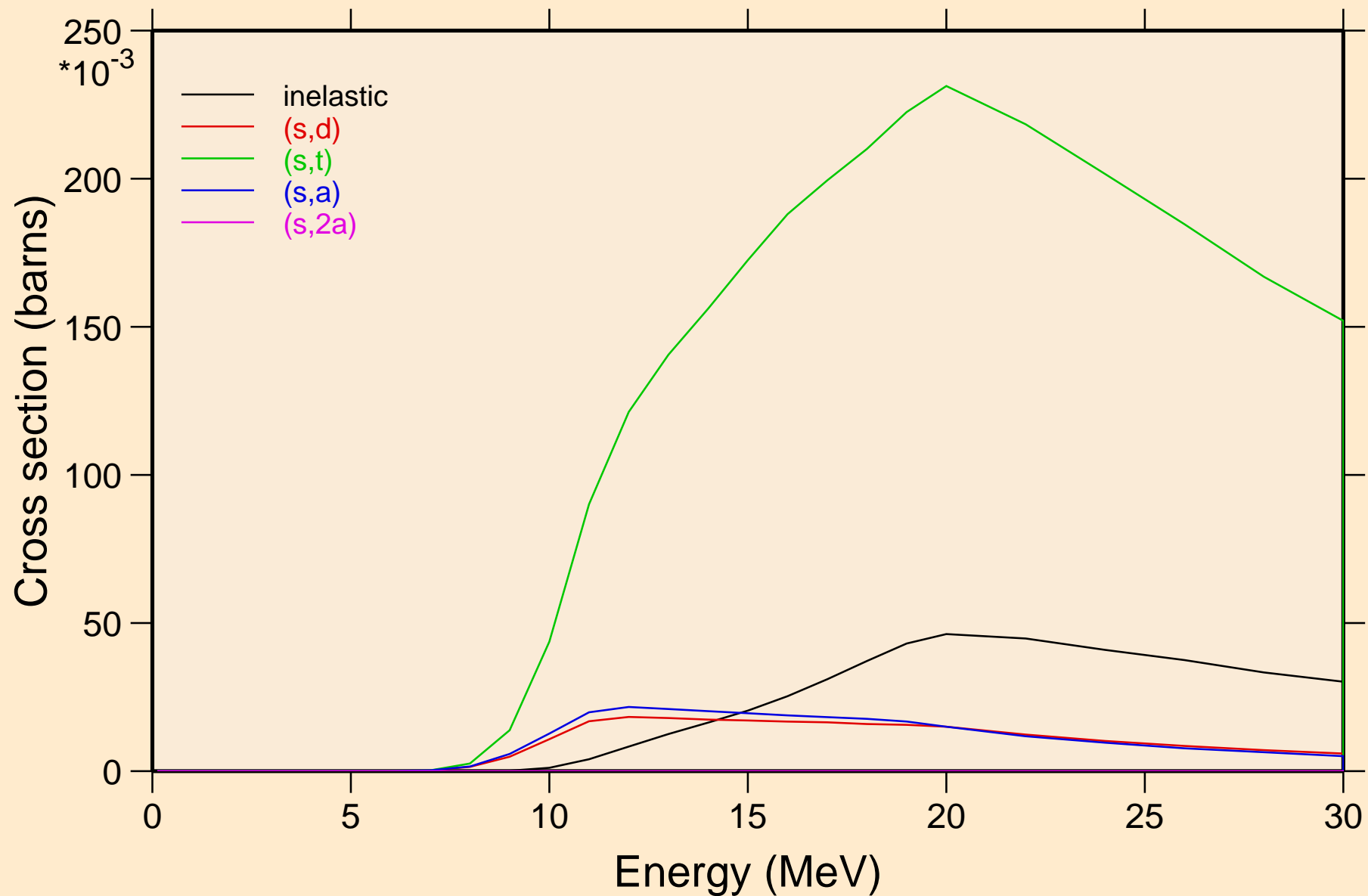


# GA075 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions

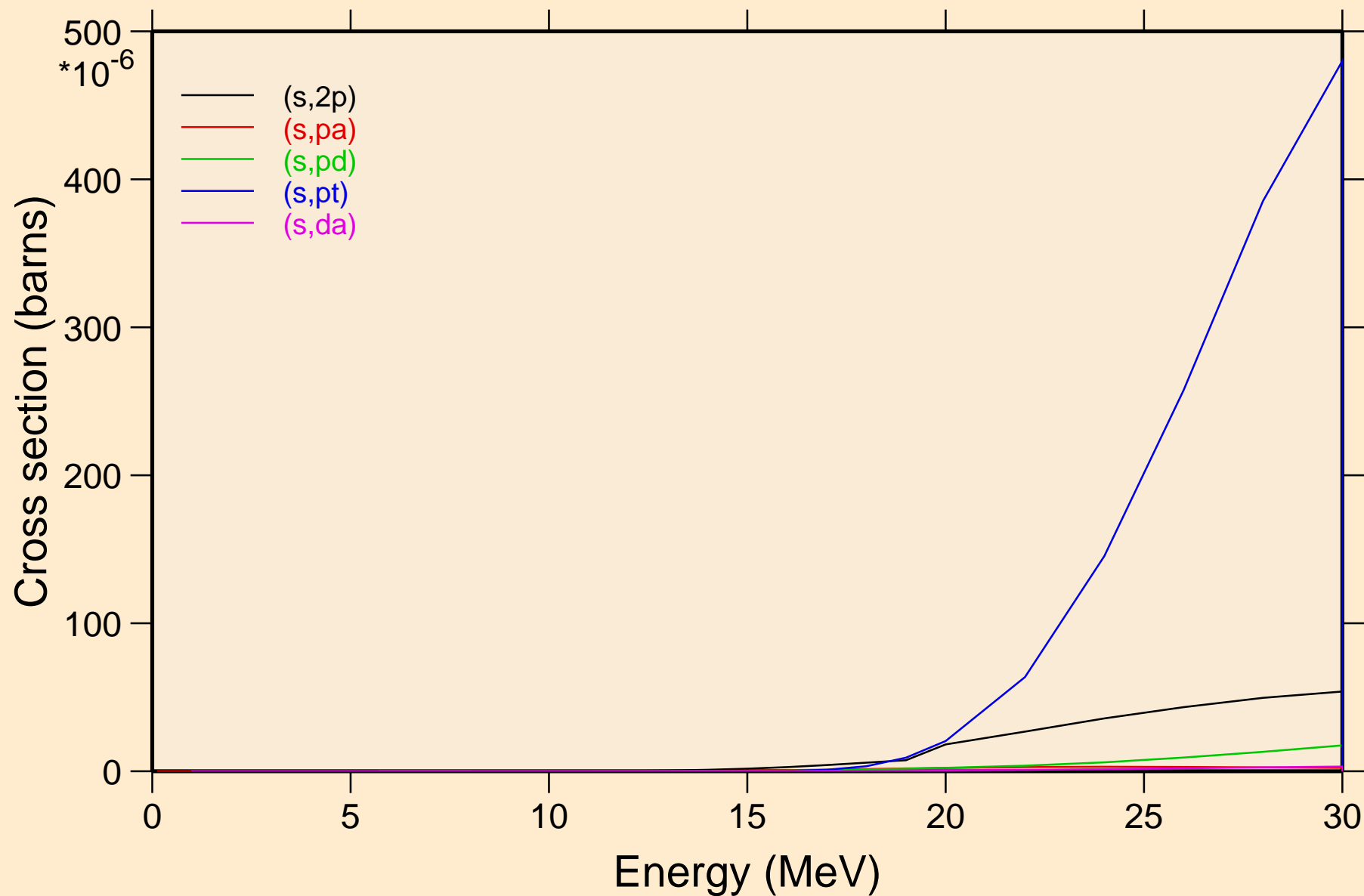


GA075 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

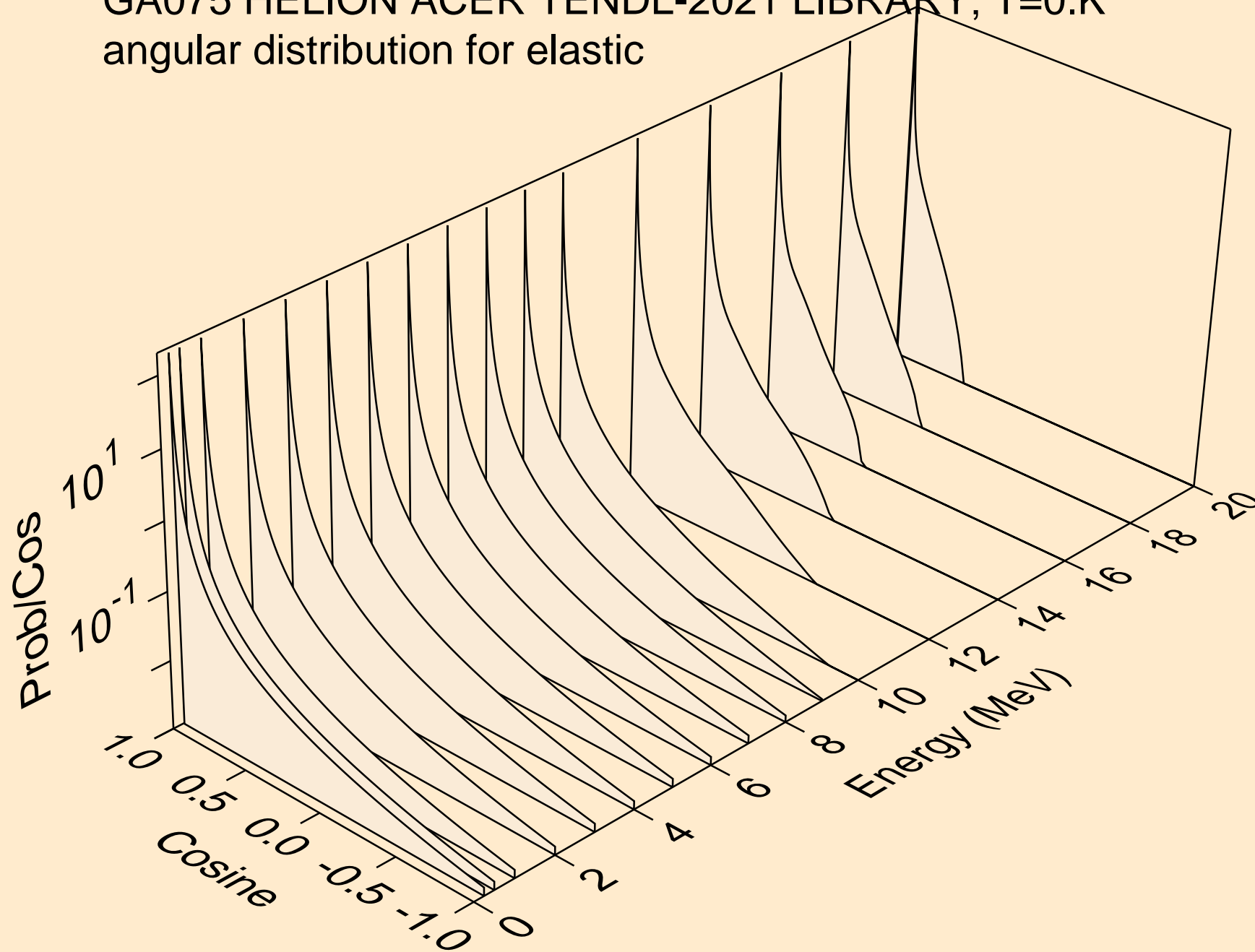


# GA075 HELION ACER TENDL-2021 LIBRARY; T=0.K

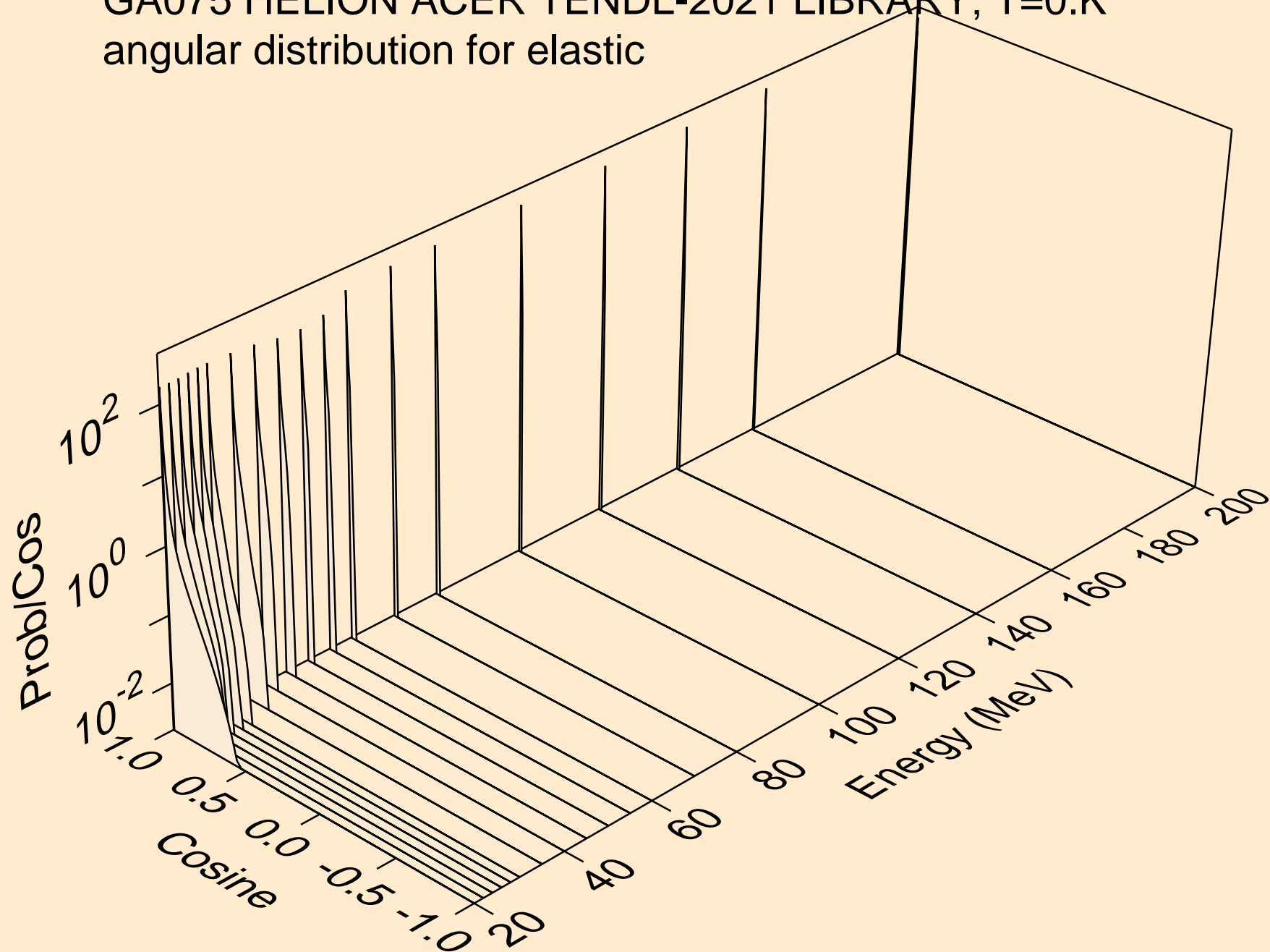
Threshold reactions



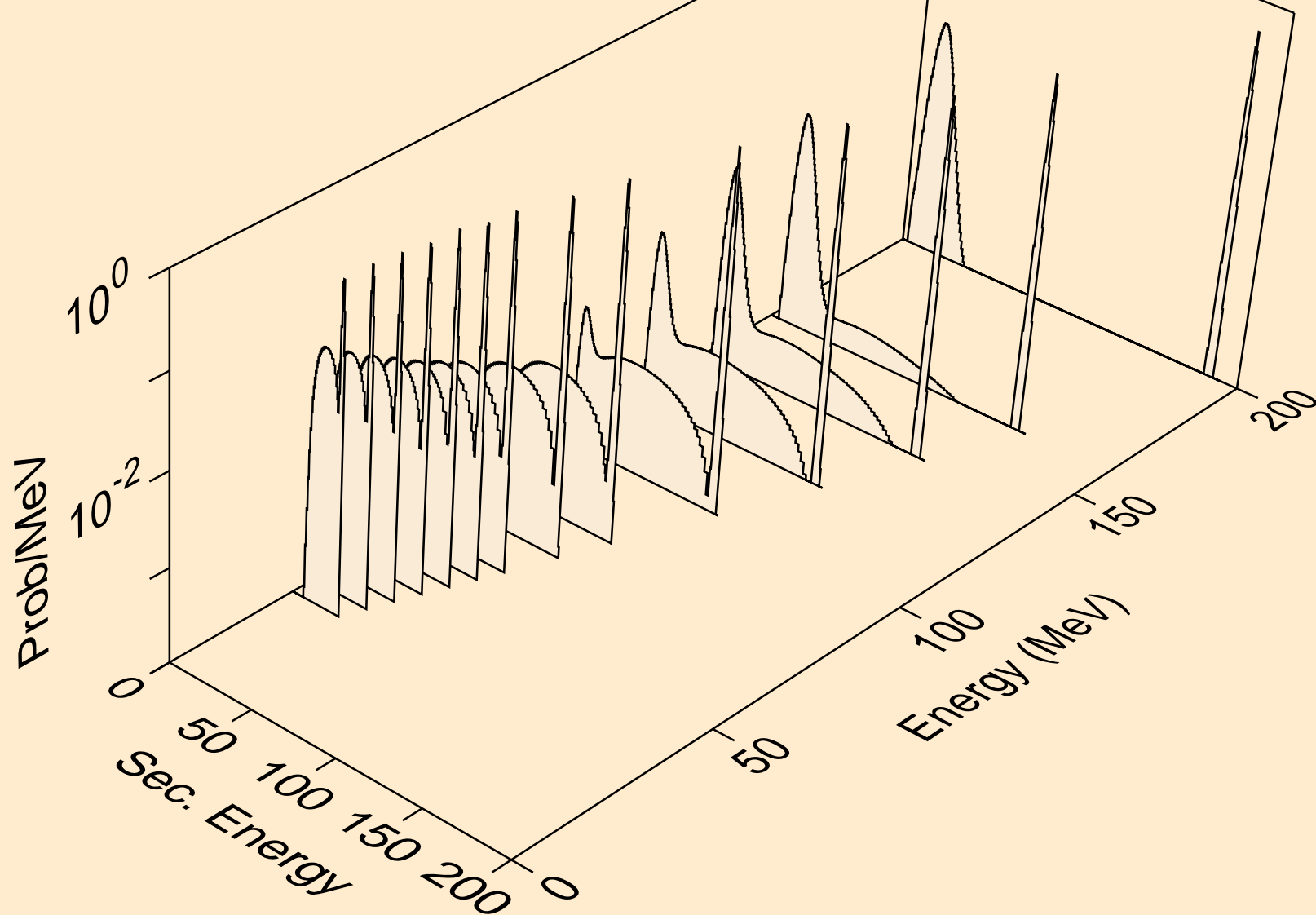
GA075 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



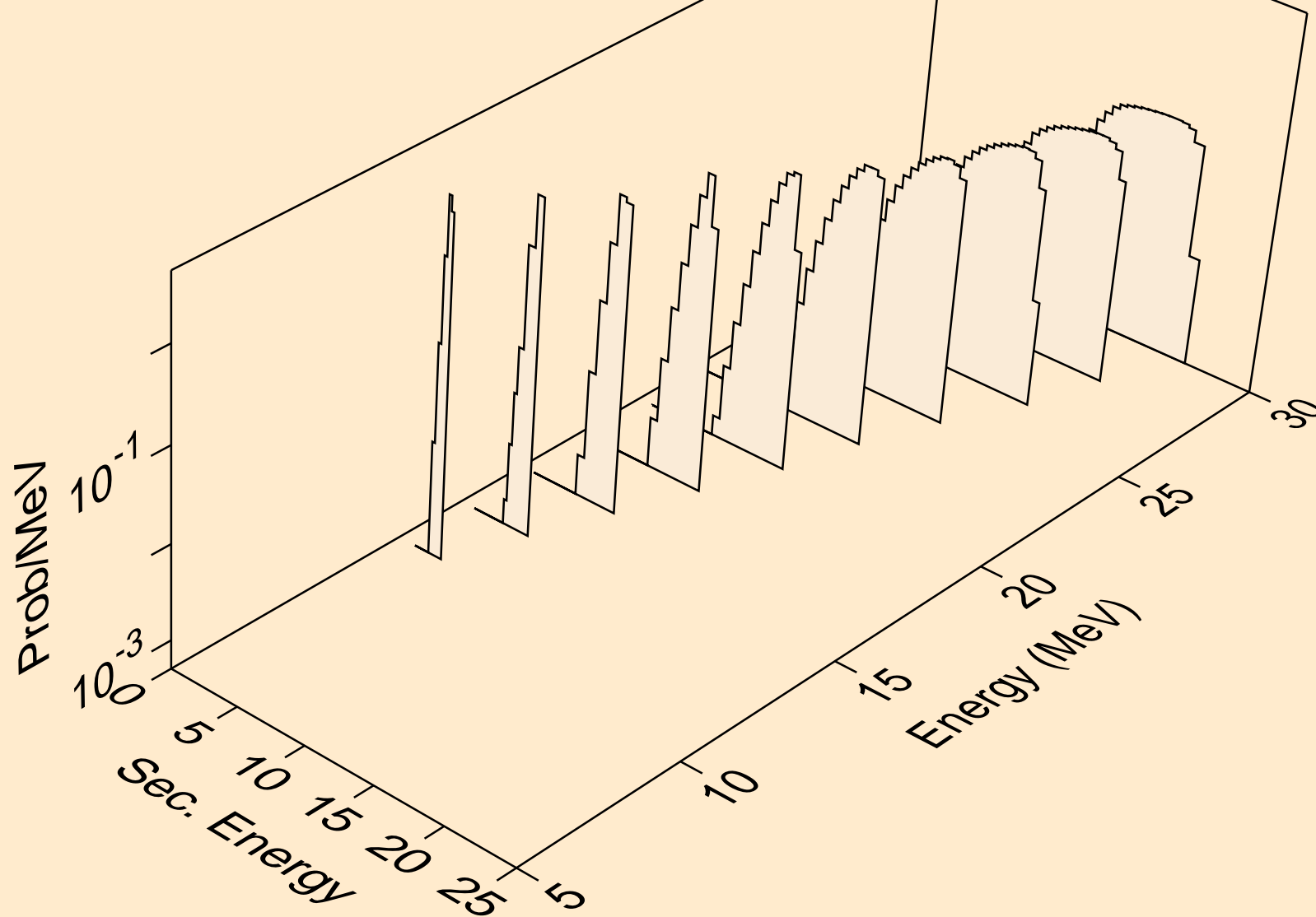
GA075 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



GA075 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,x)

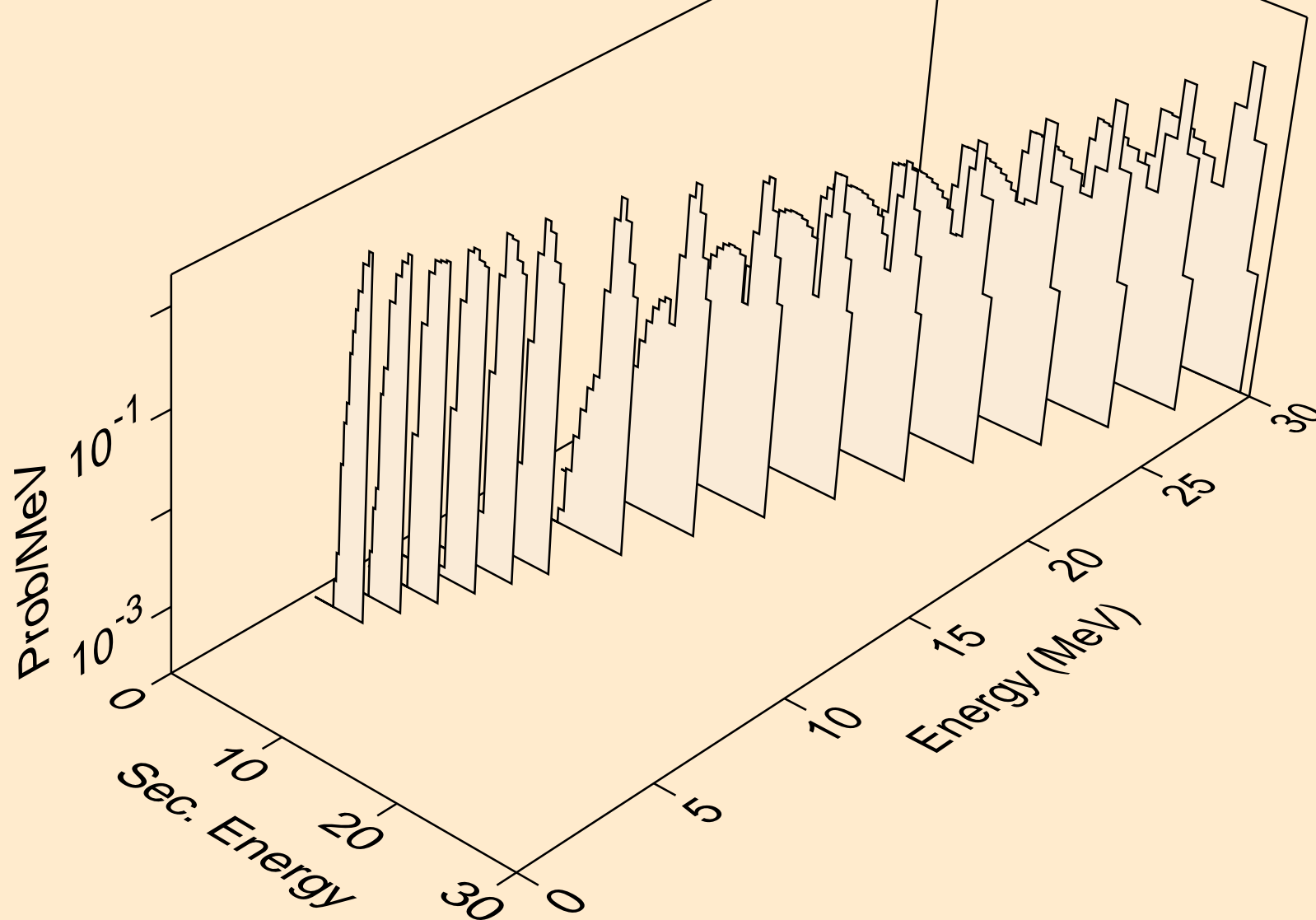


GA075 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

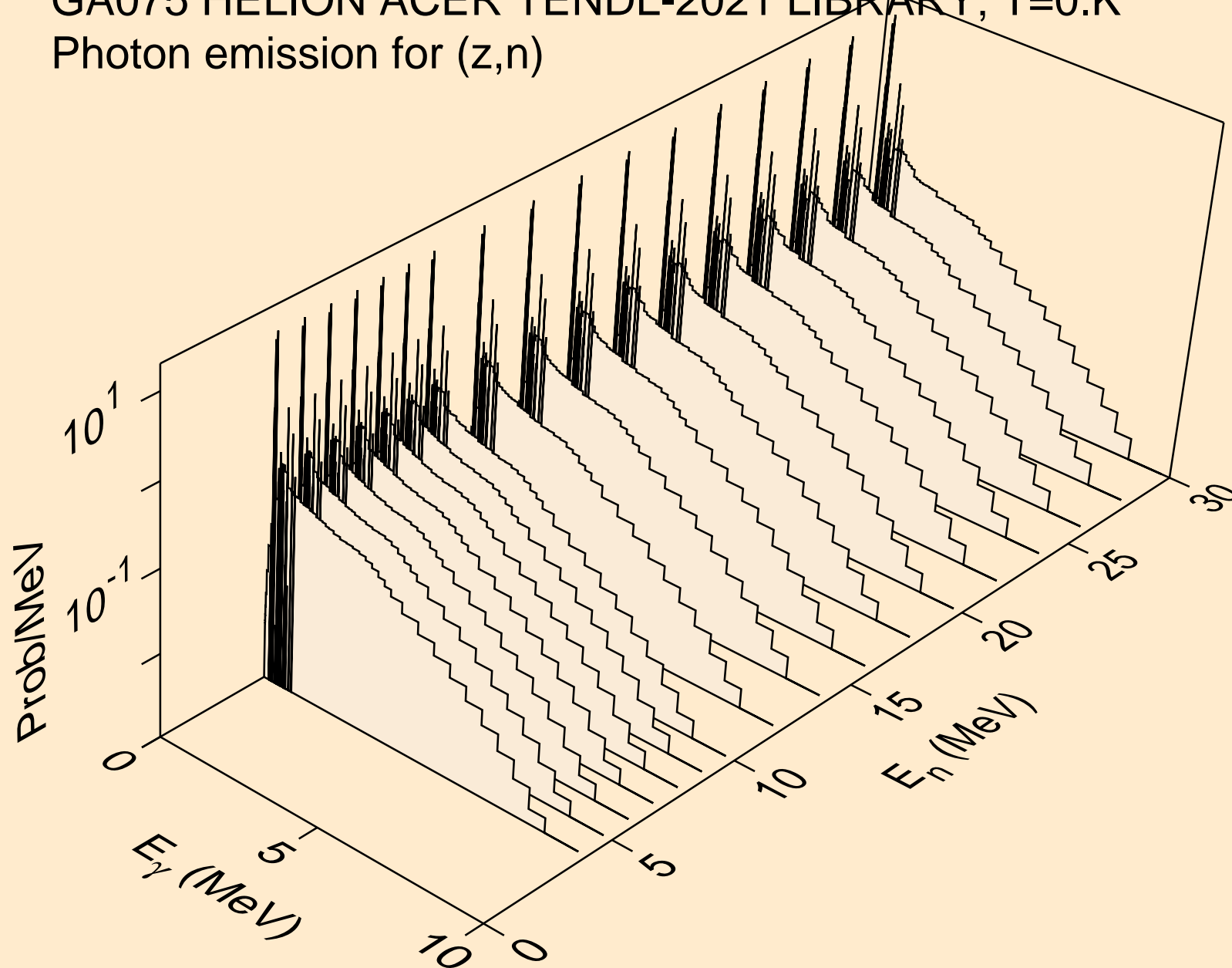




GA075 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for inelastic

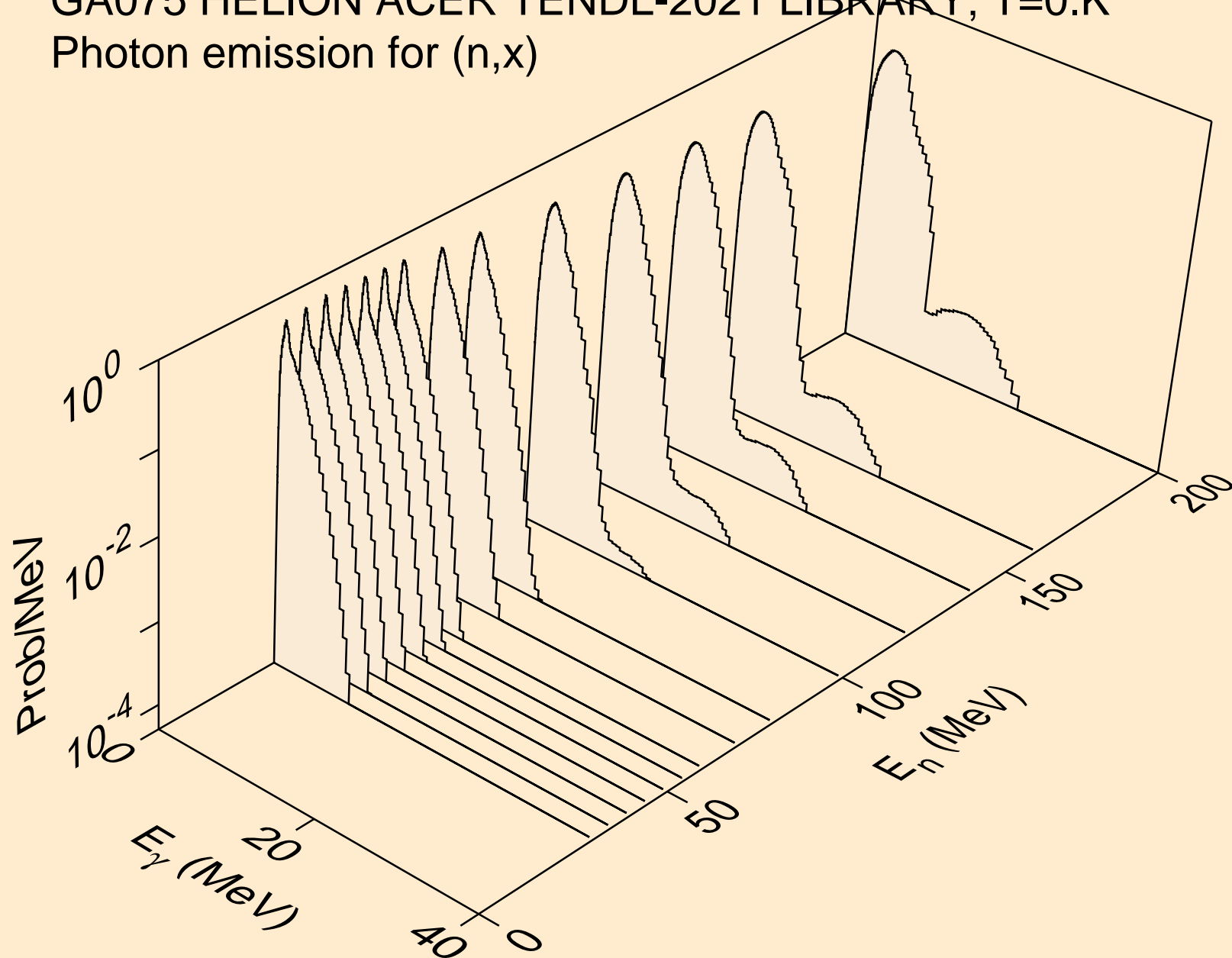


GA075 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)

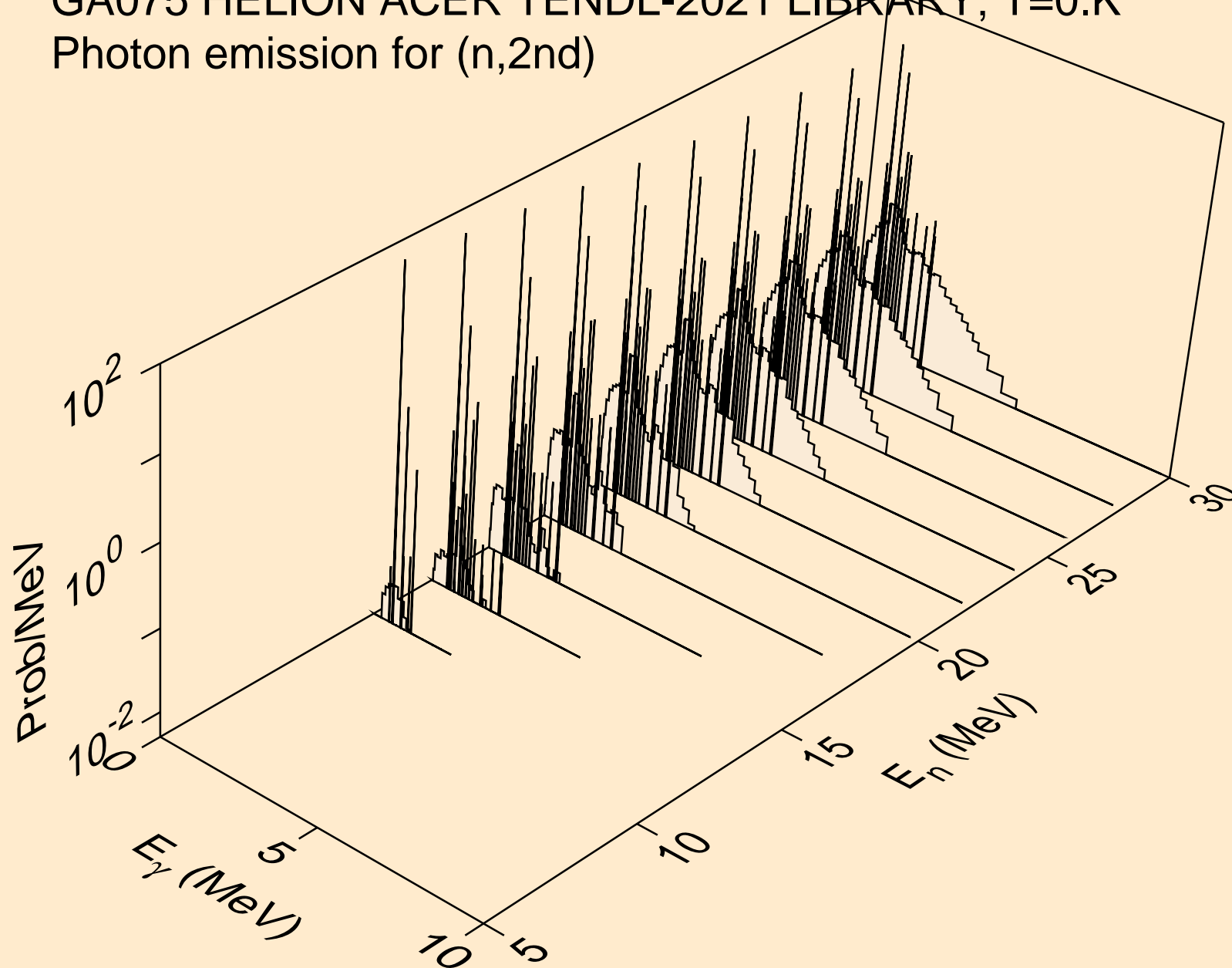


GA075 HELION ACER TENDL-2021 LIBRARY; T=0.K

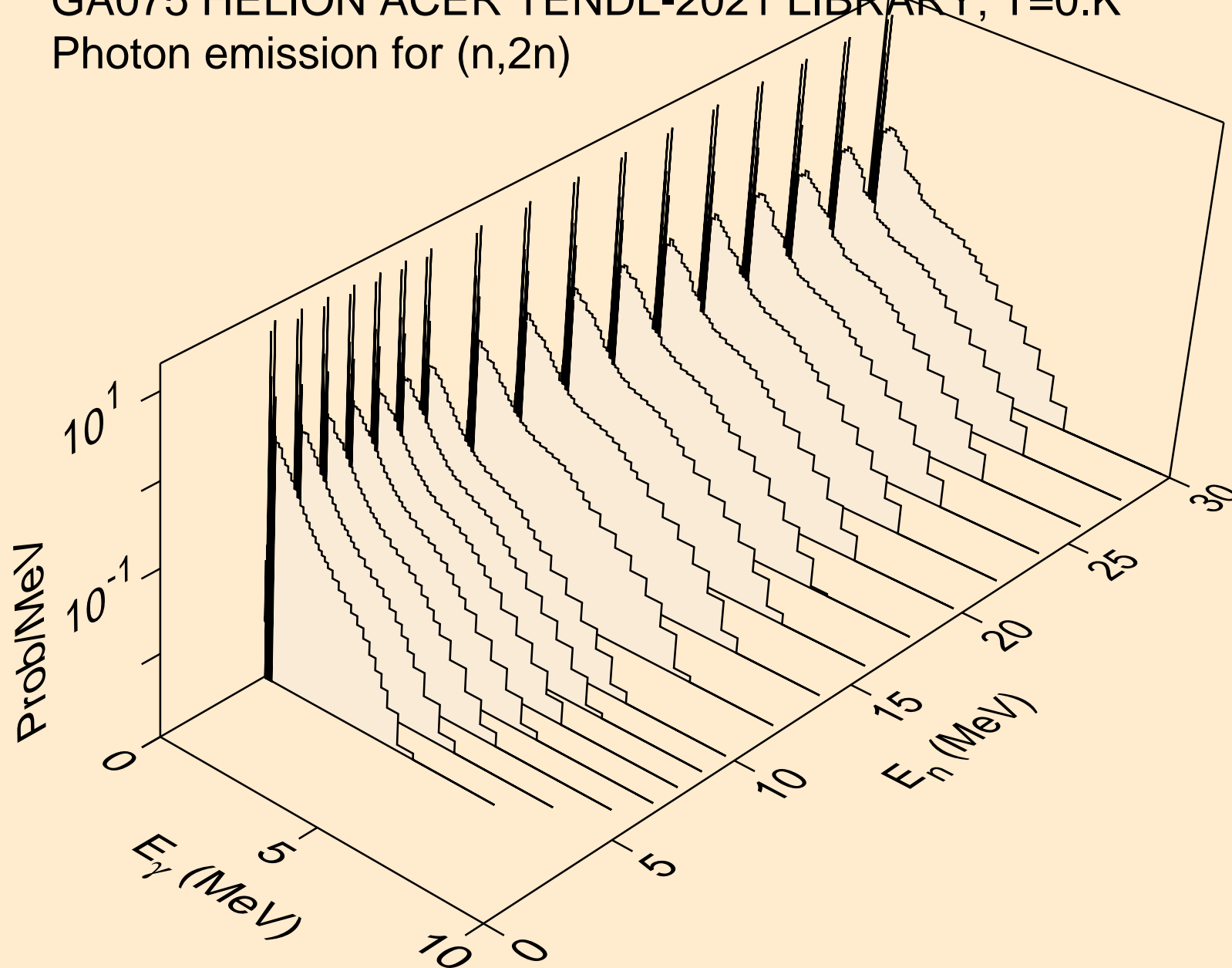
Photon emission for (n,x)



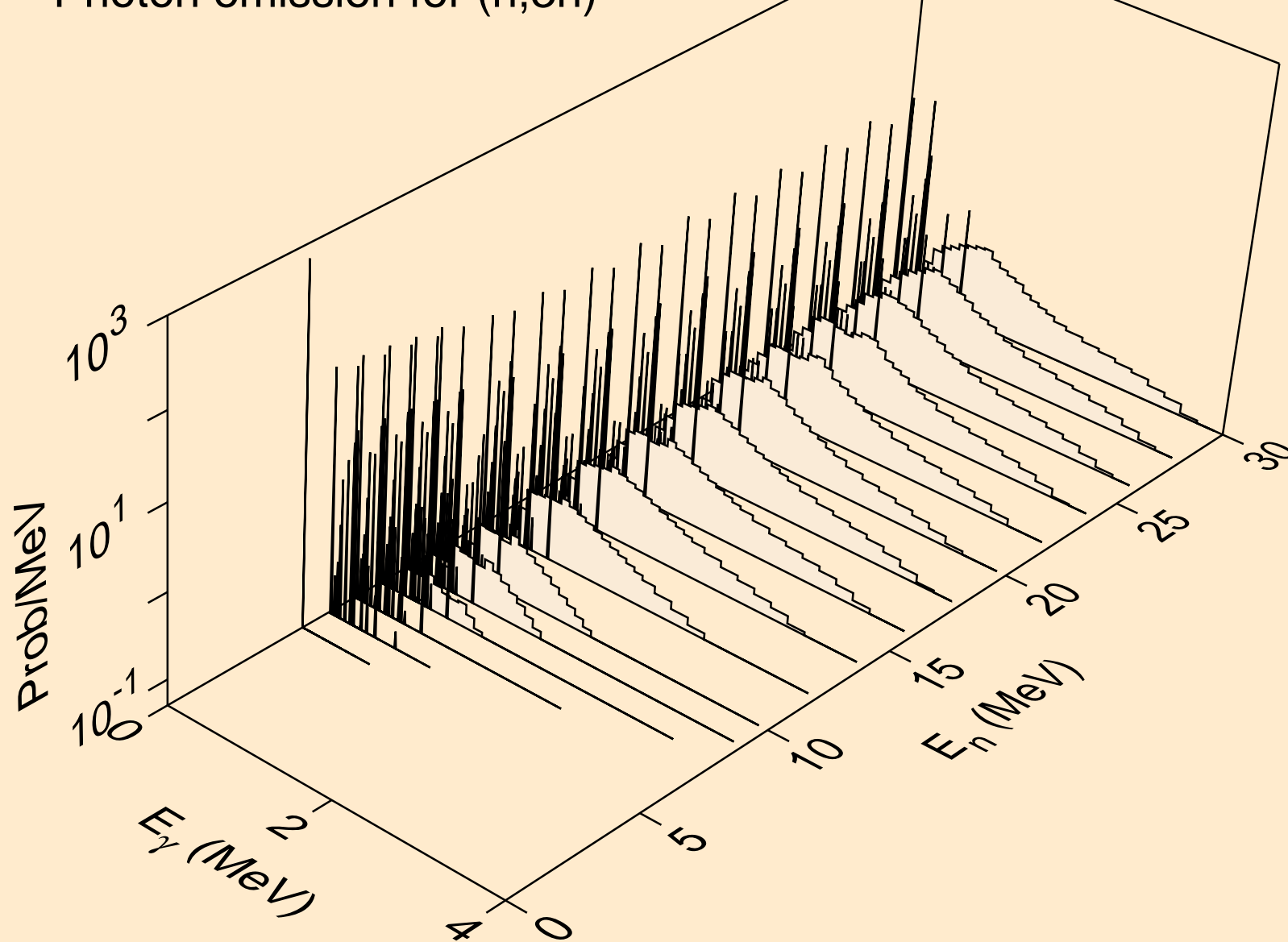
GA075 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)



GA075 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)

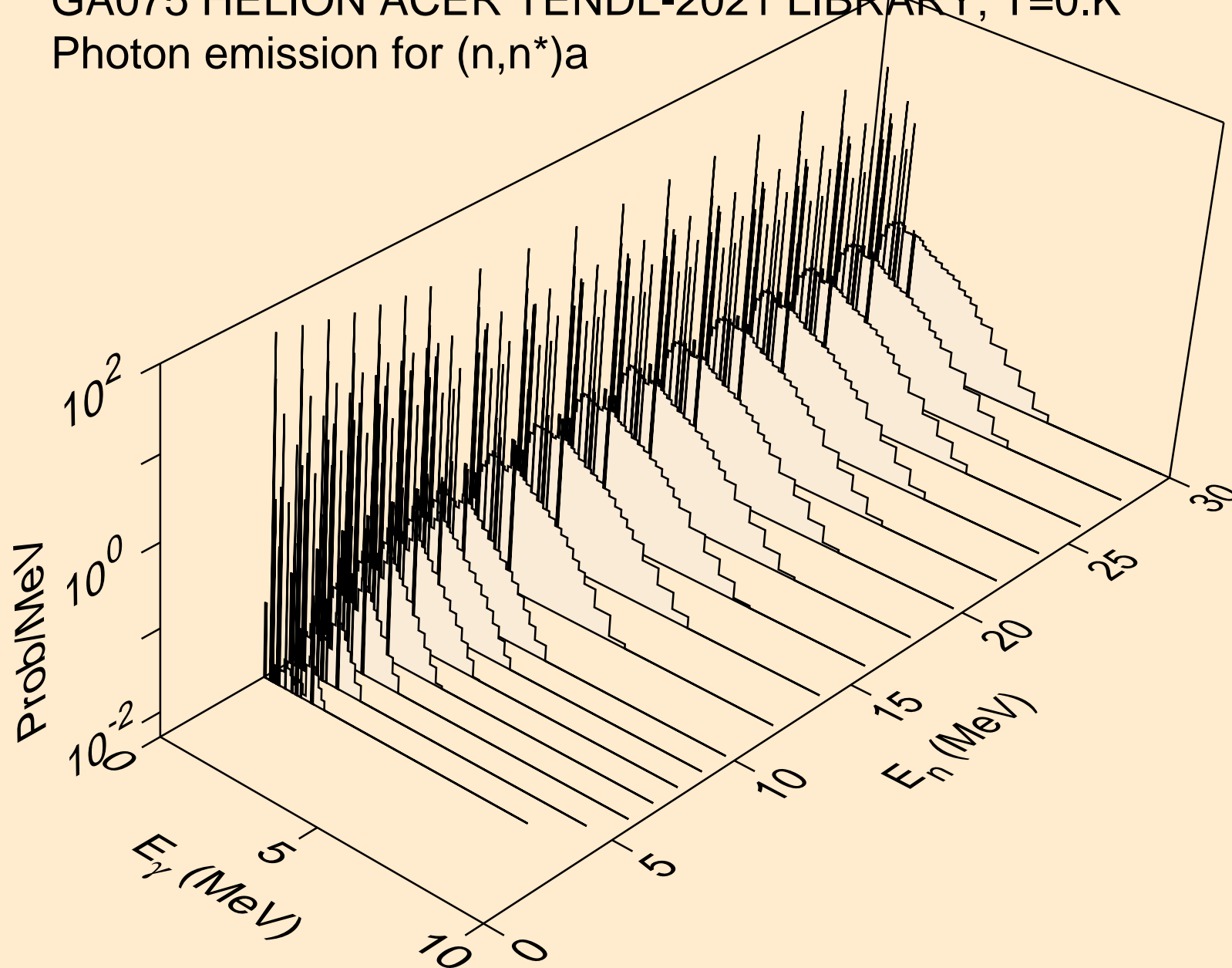


GA075 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



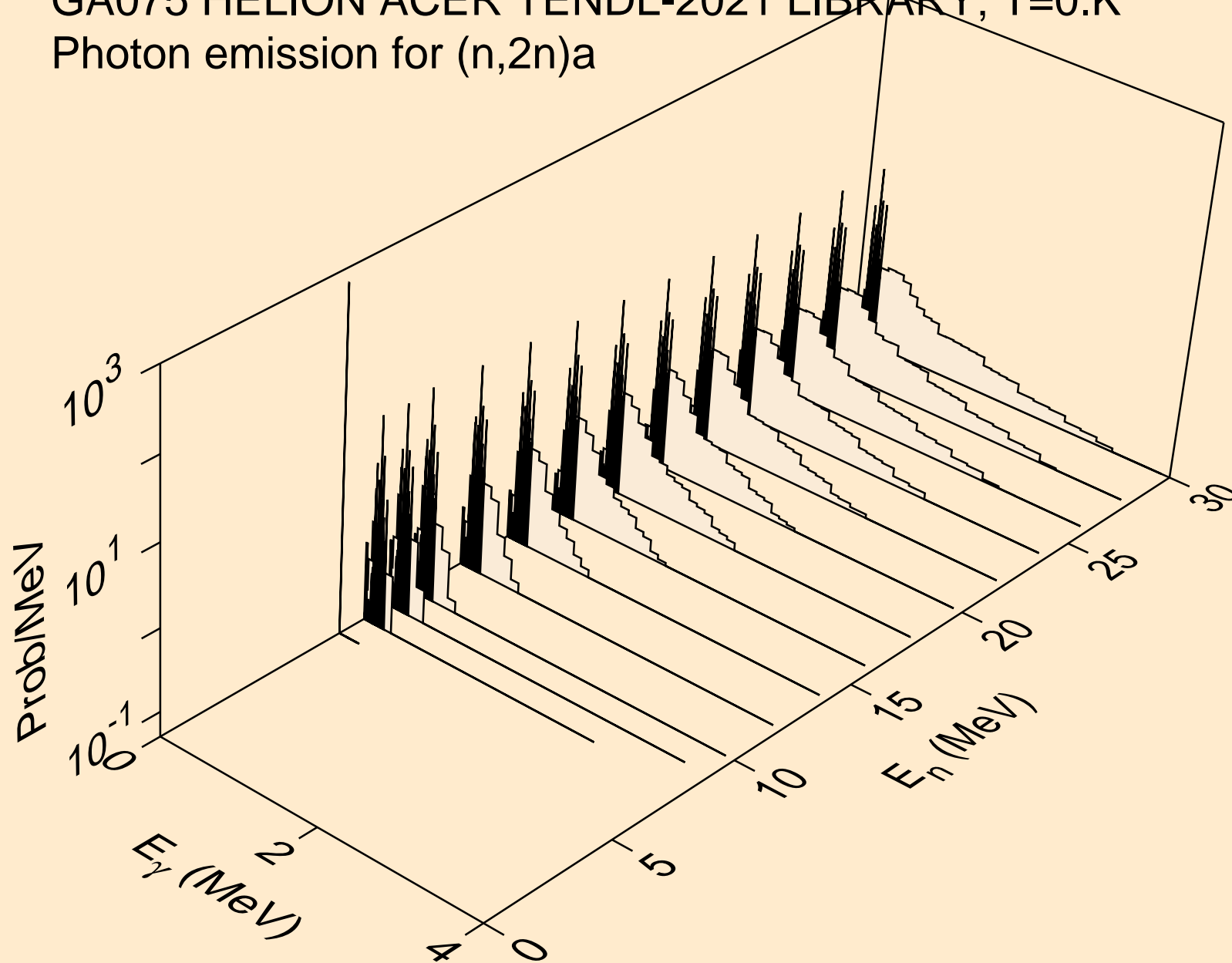
GA075 HELION ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,n\*)a



GA075 HELION ACER TENDL-2021 LIBRARY; T=0.K

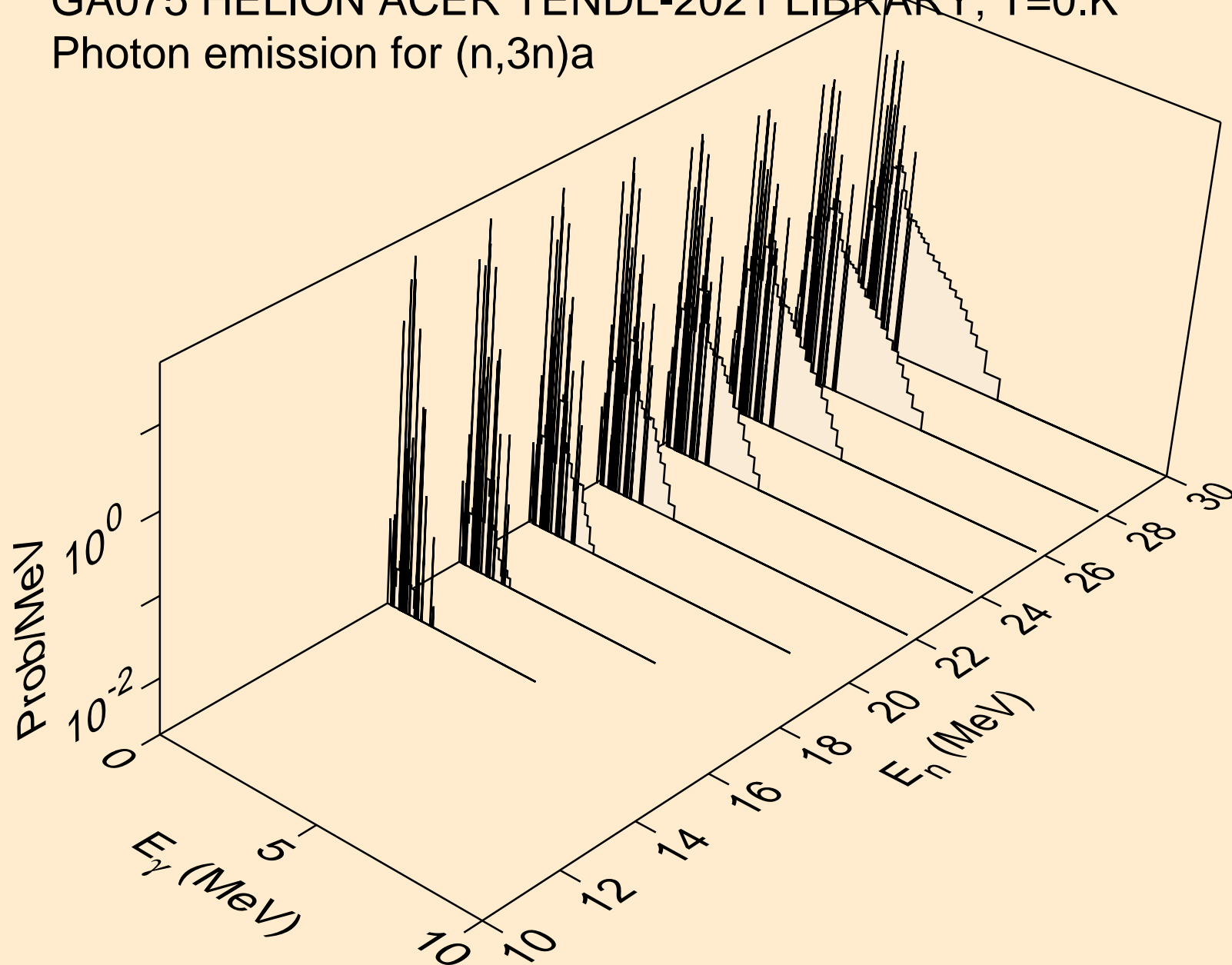
Photon emission for (n,2n) $\alpha$





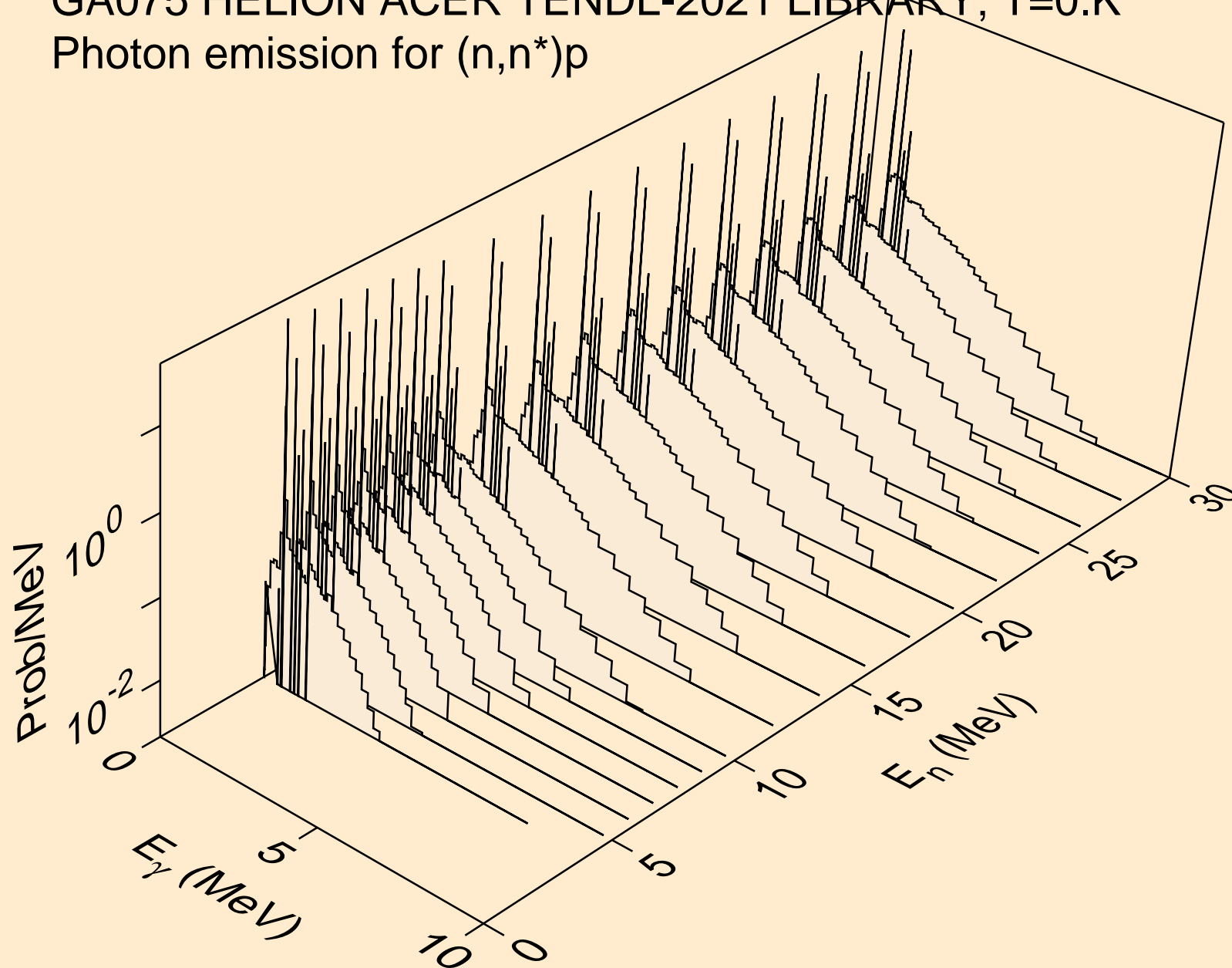
GA075 HELION ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,3n) $\alpha$

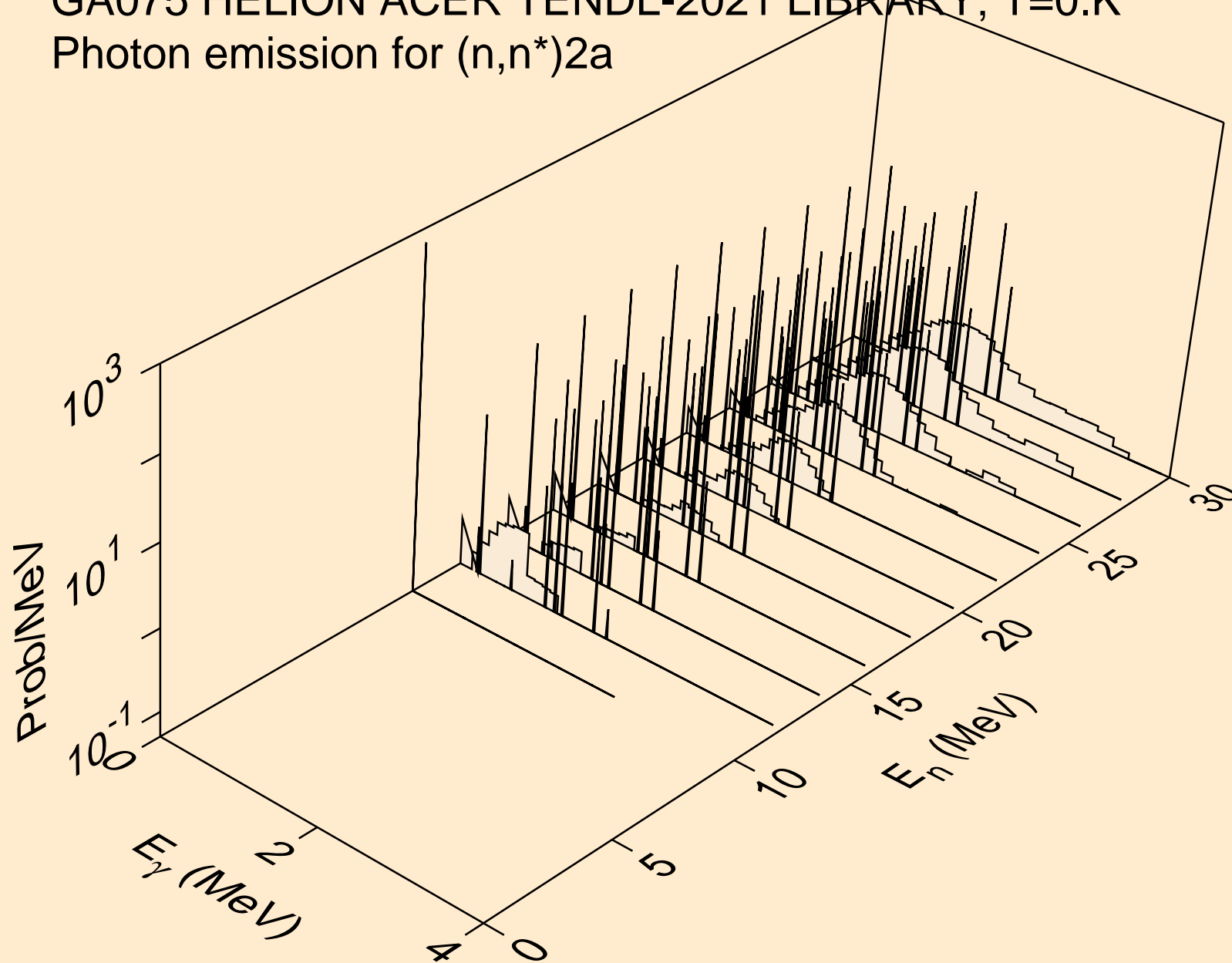


GA075 HELION ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,n\*)p

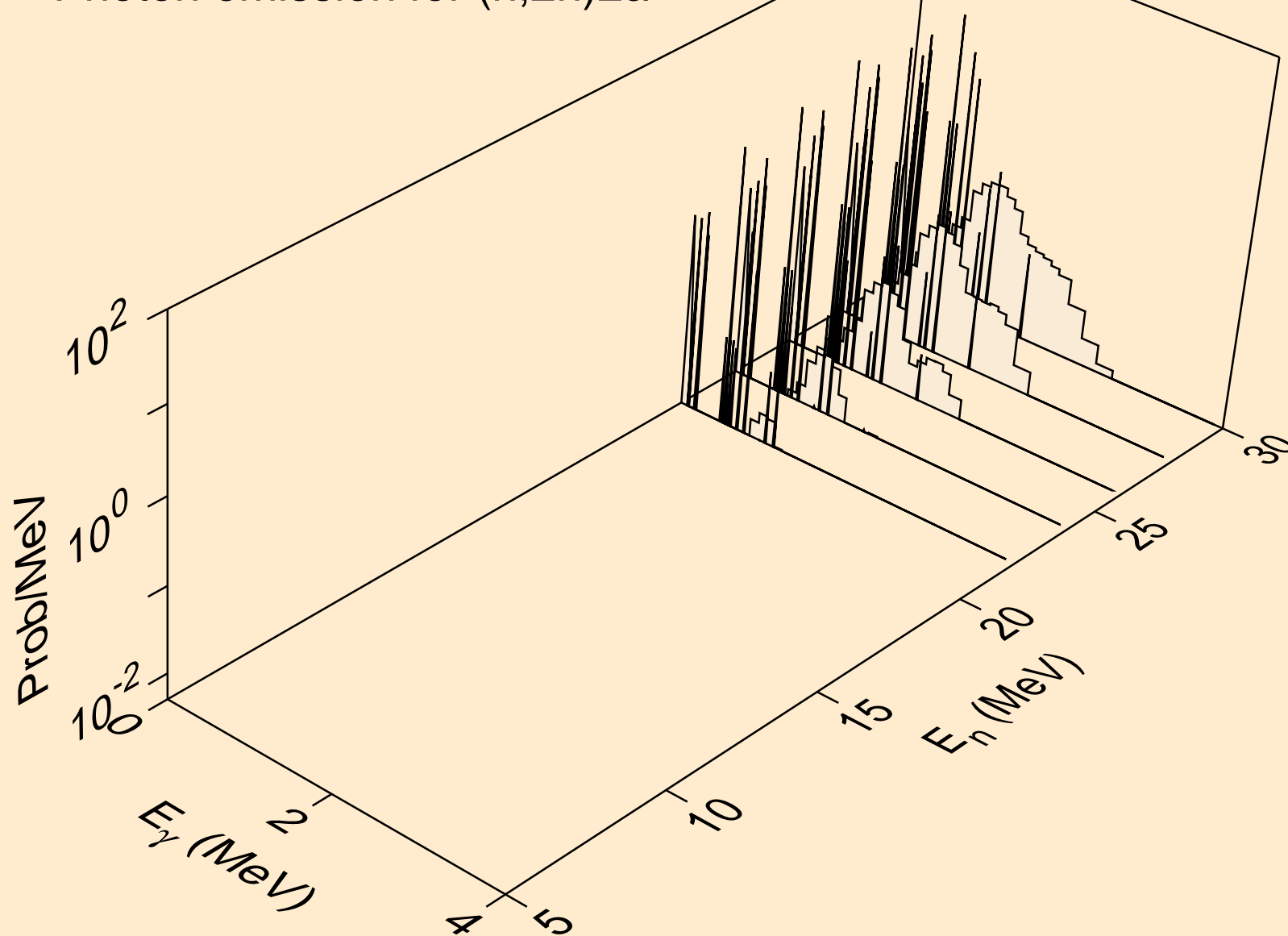


GA075 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



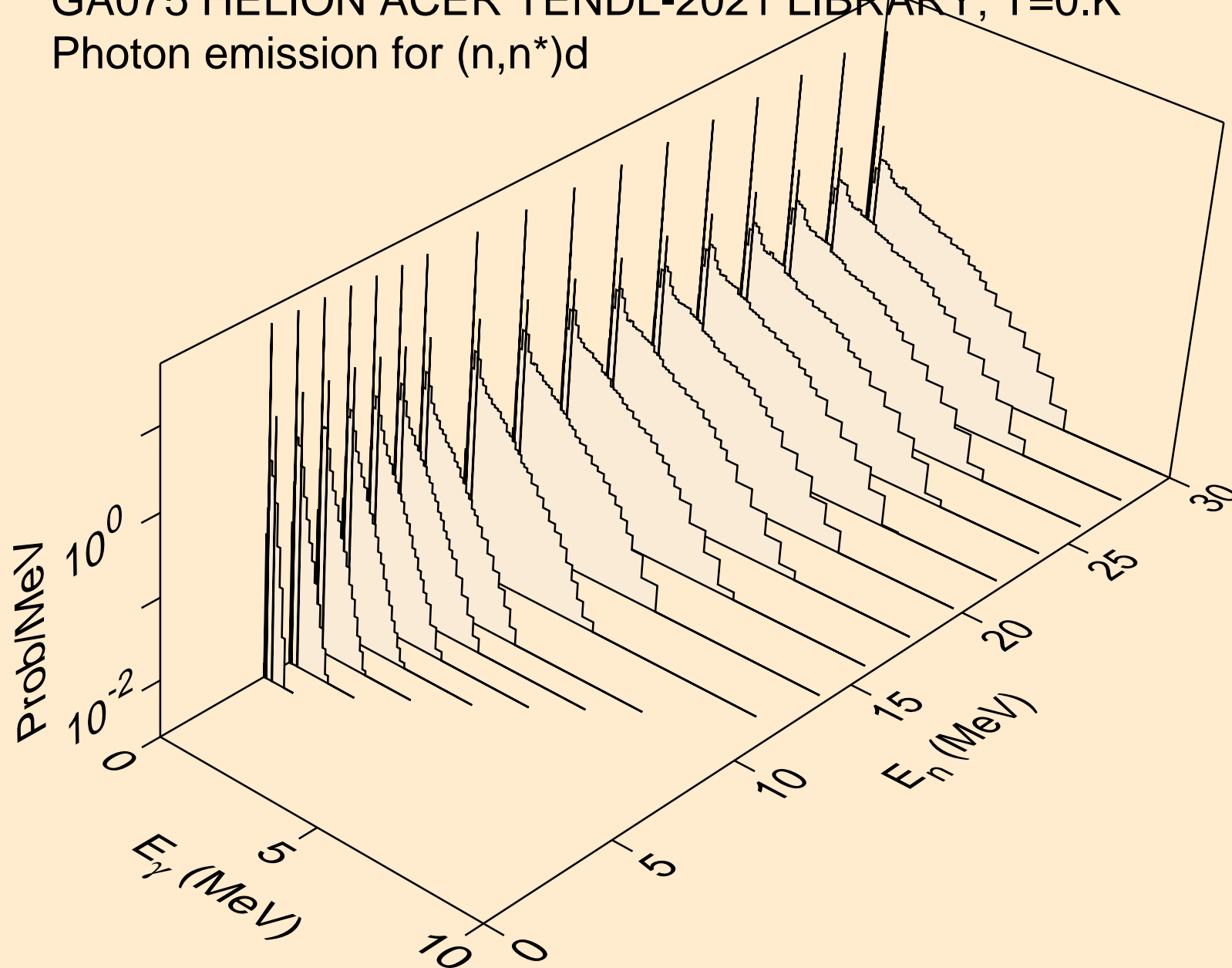
GA075 HELION ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,2n)2a



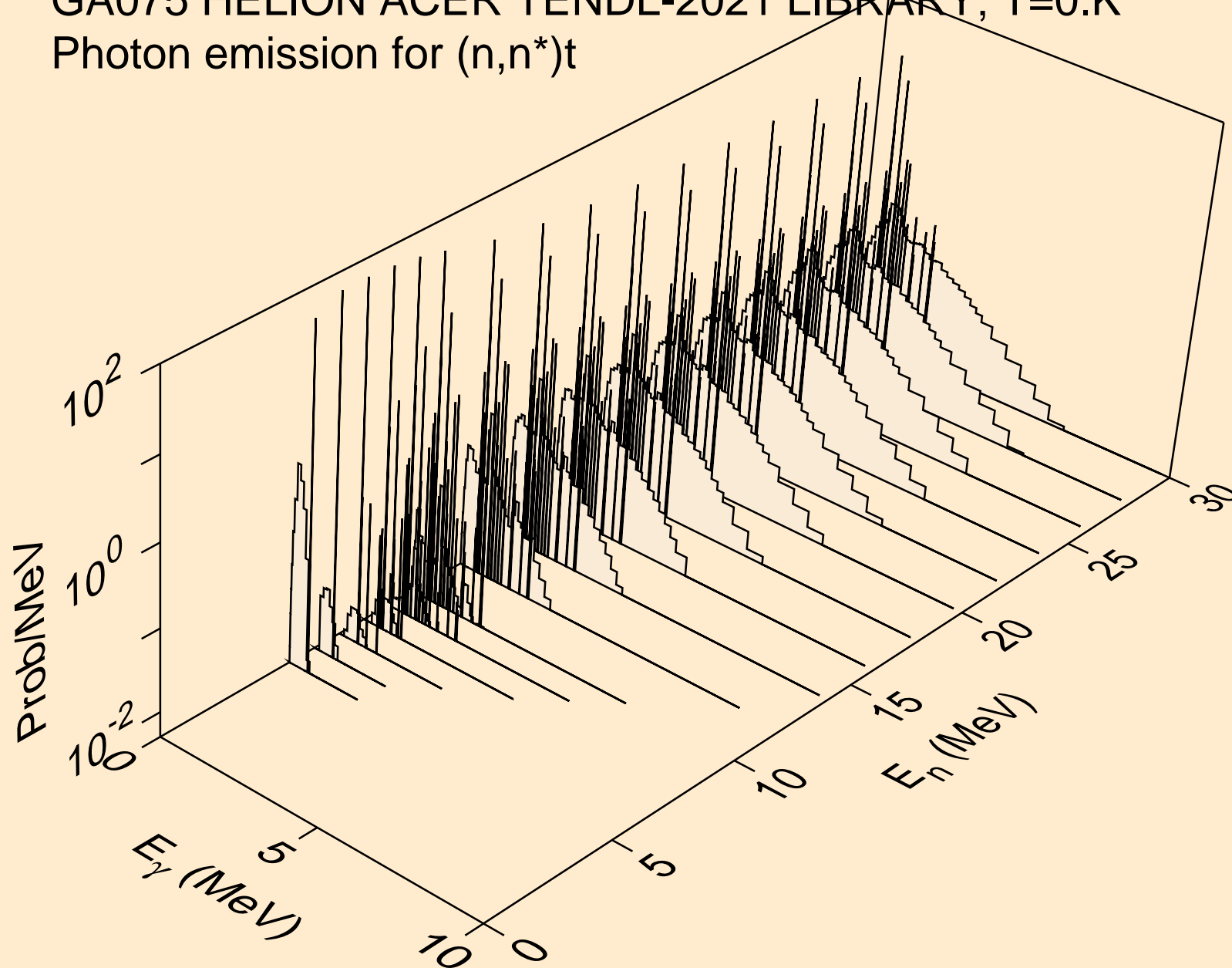
GA075 HELION ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,n\*)d



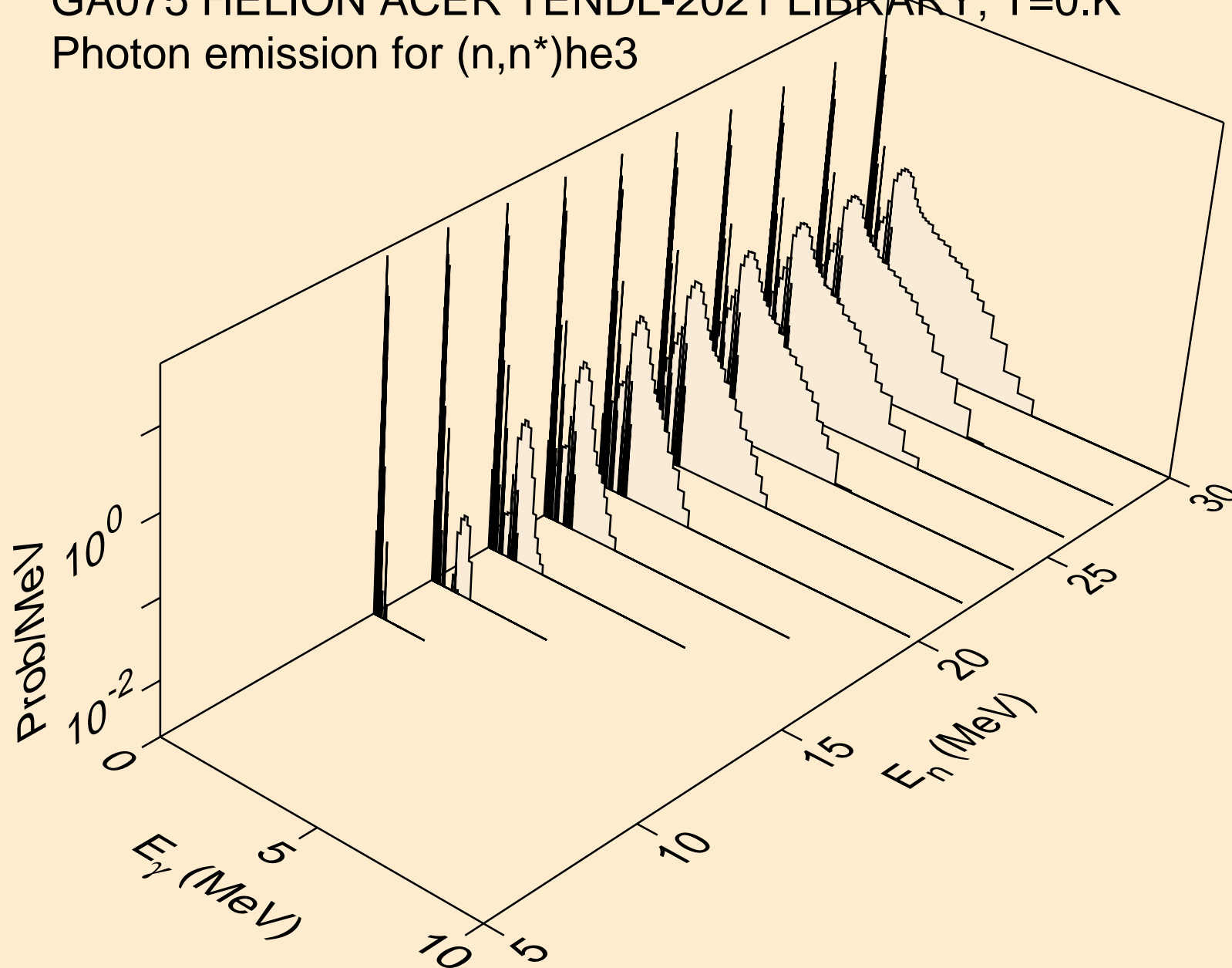
GA075 HELION ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,n\*)t

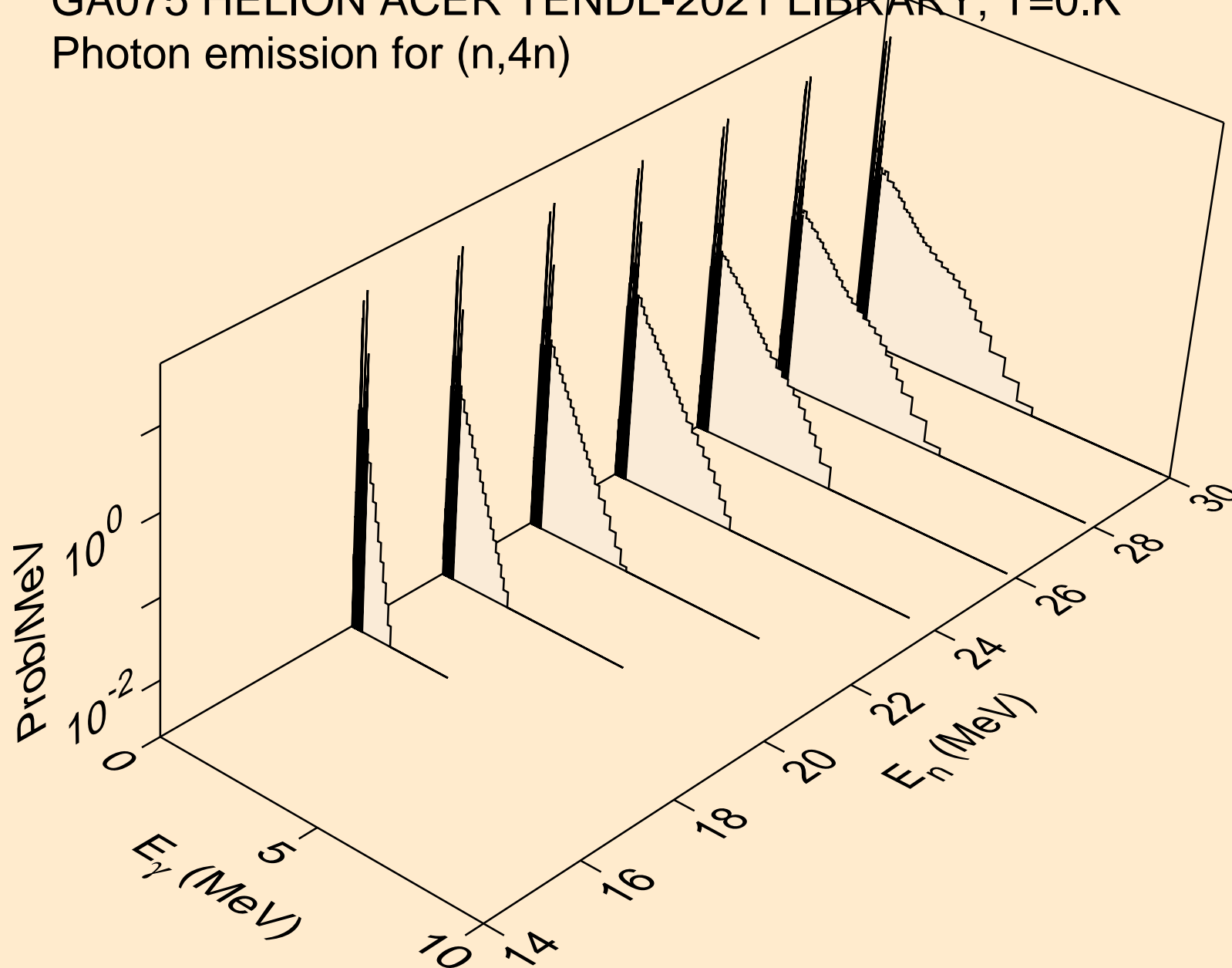


GA075 HELION ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,n\*)he3

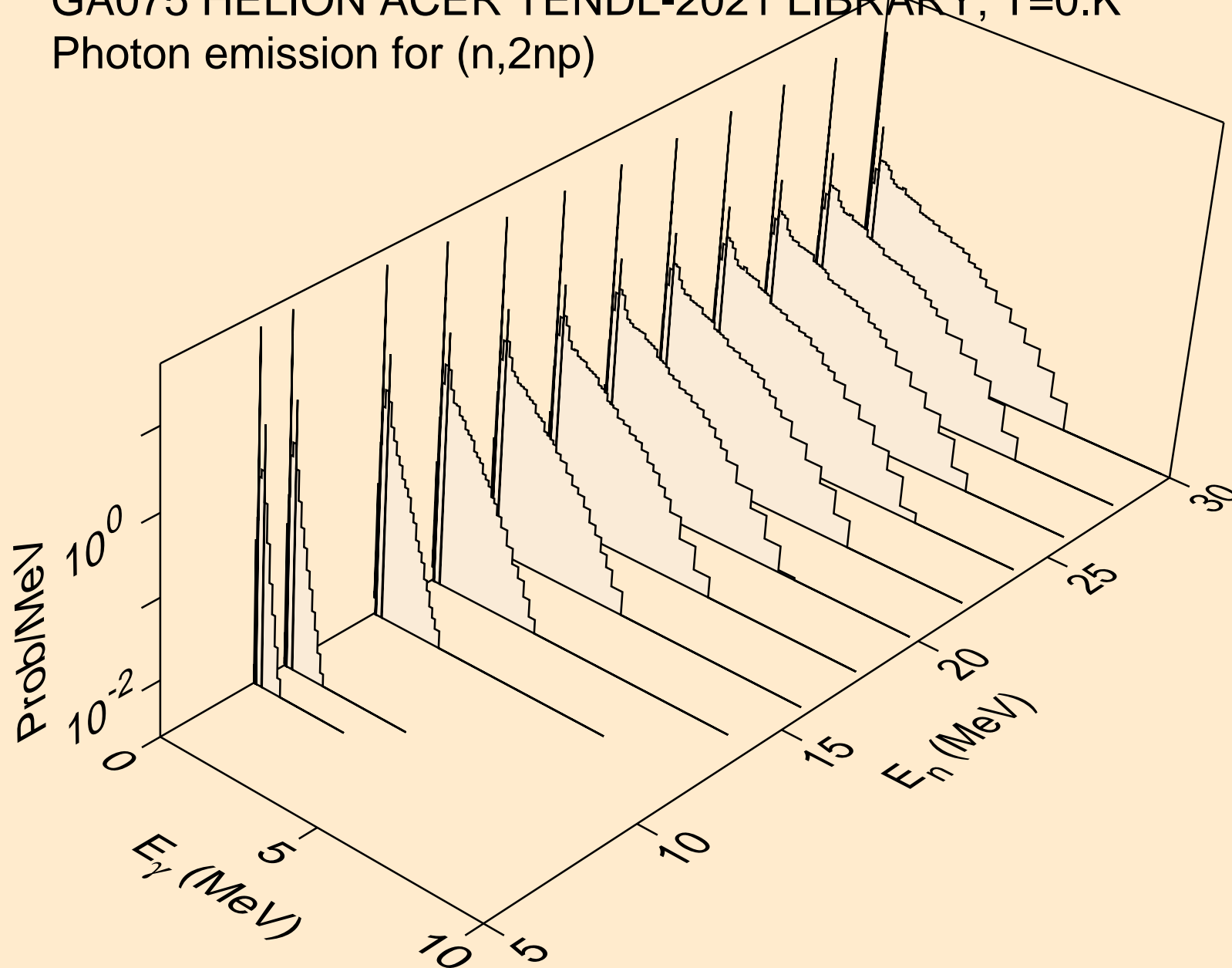


GA075 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,4n)

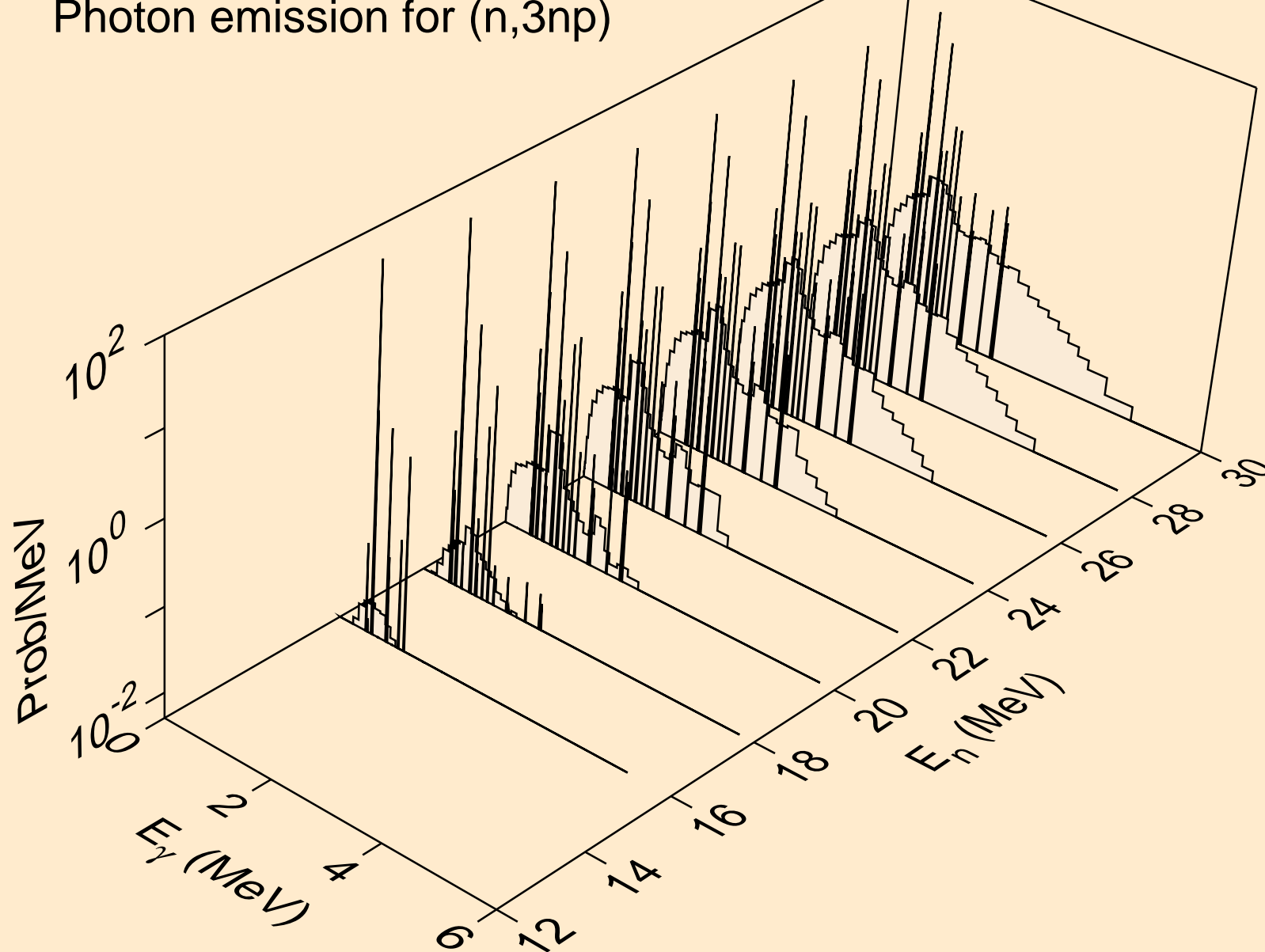




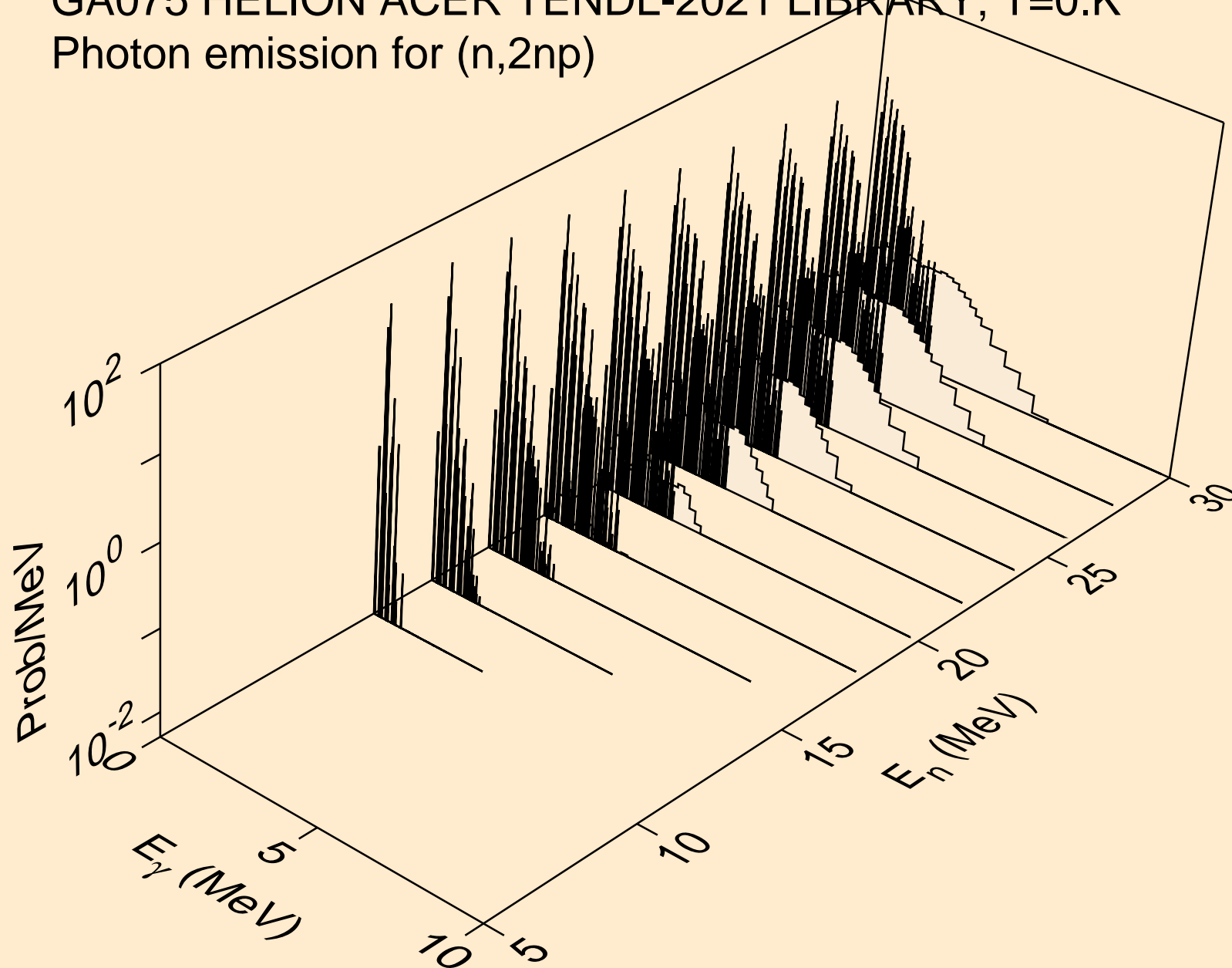
GA075 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



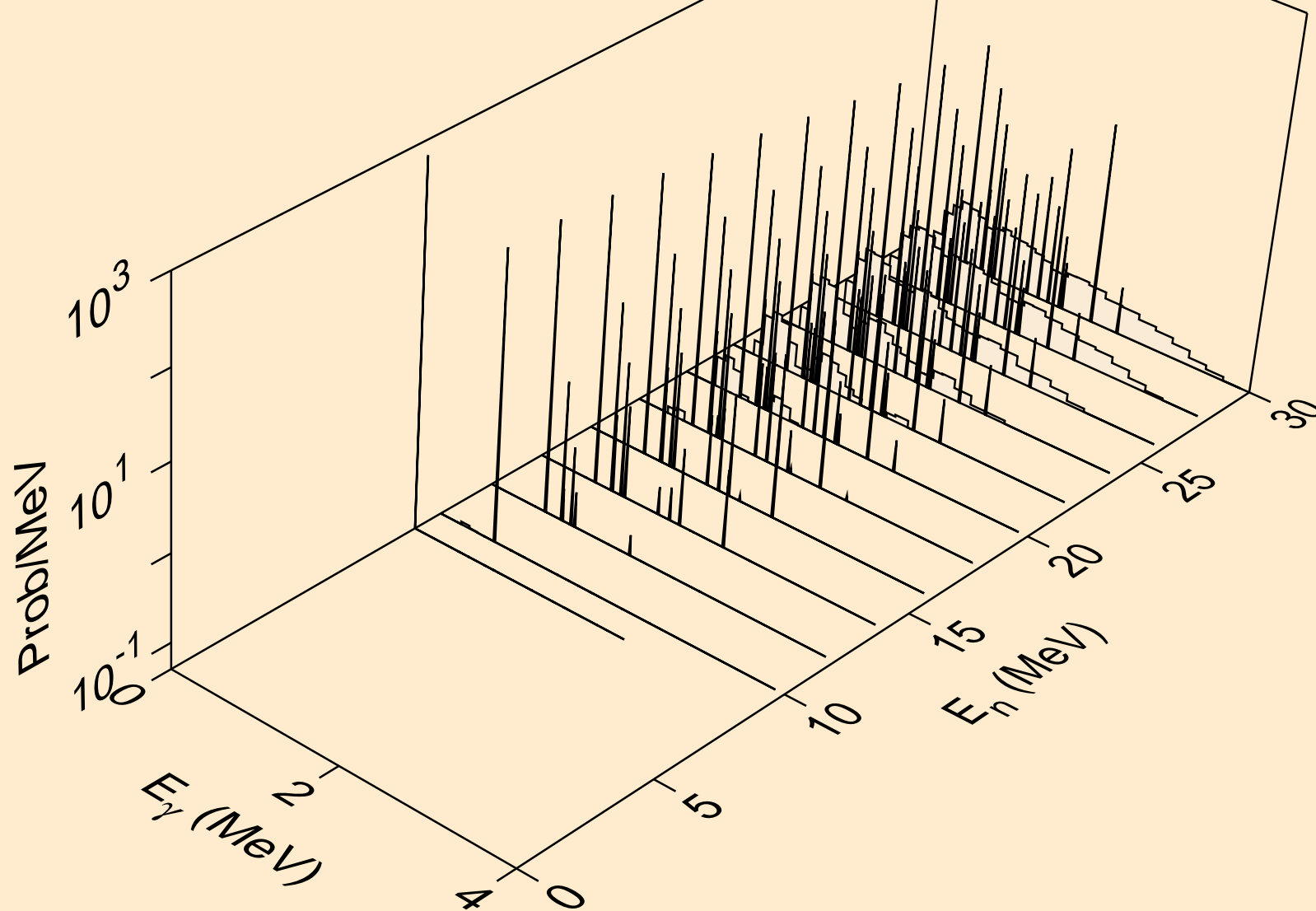
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Photon emission for (n,3np)



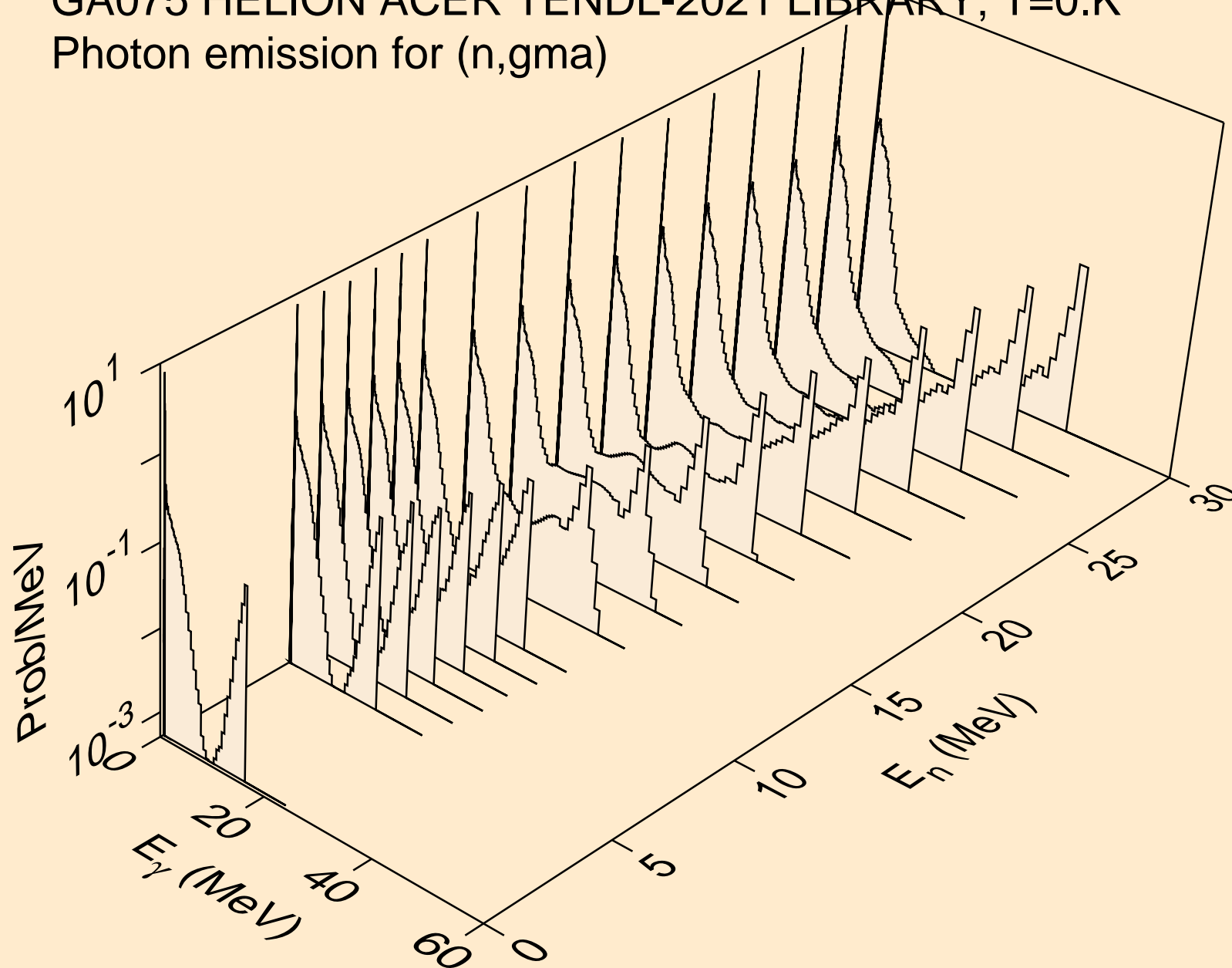
GA075 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



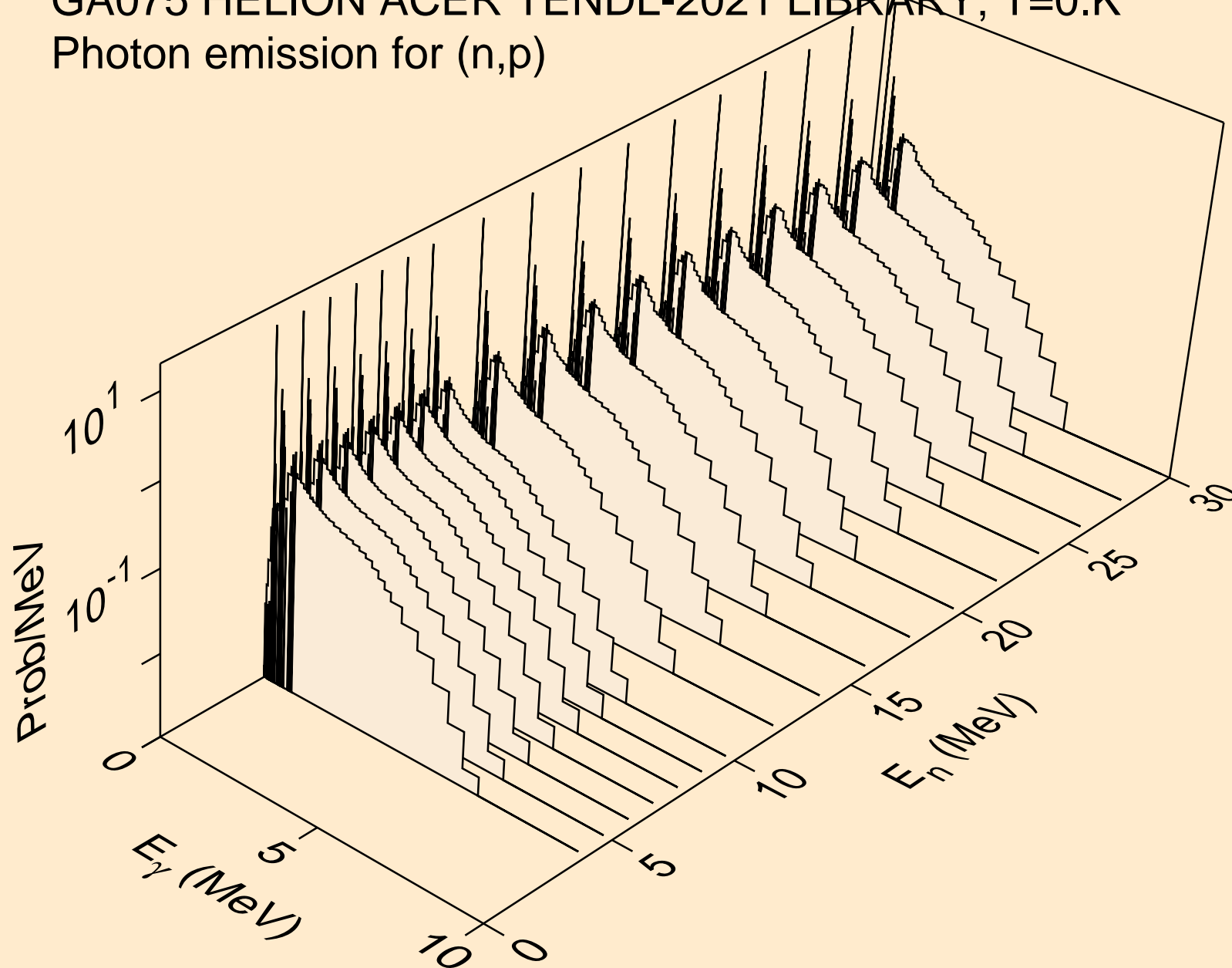
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Photon emission for (n,npa)



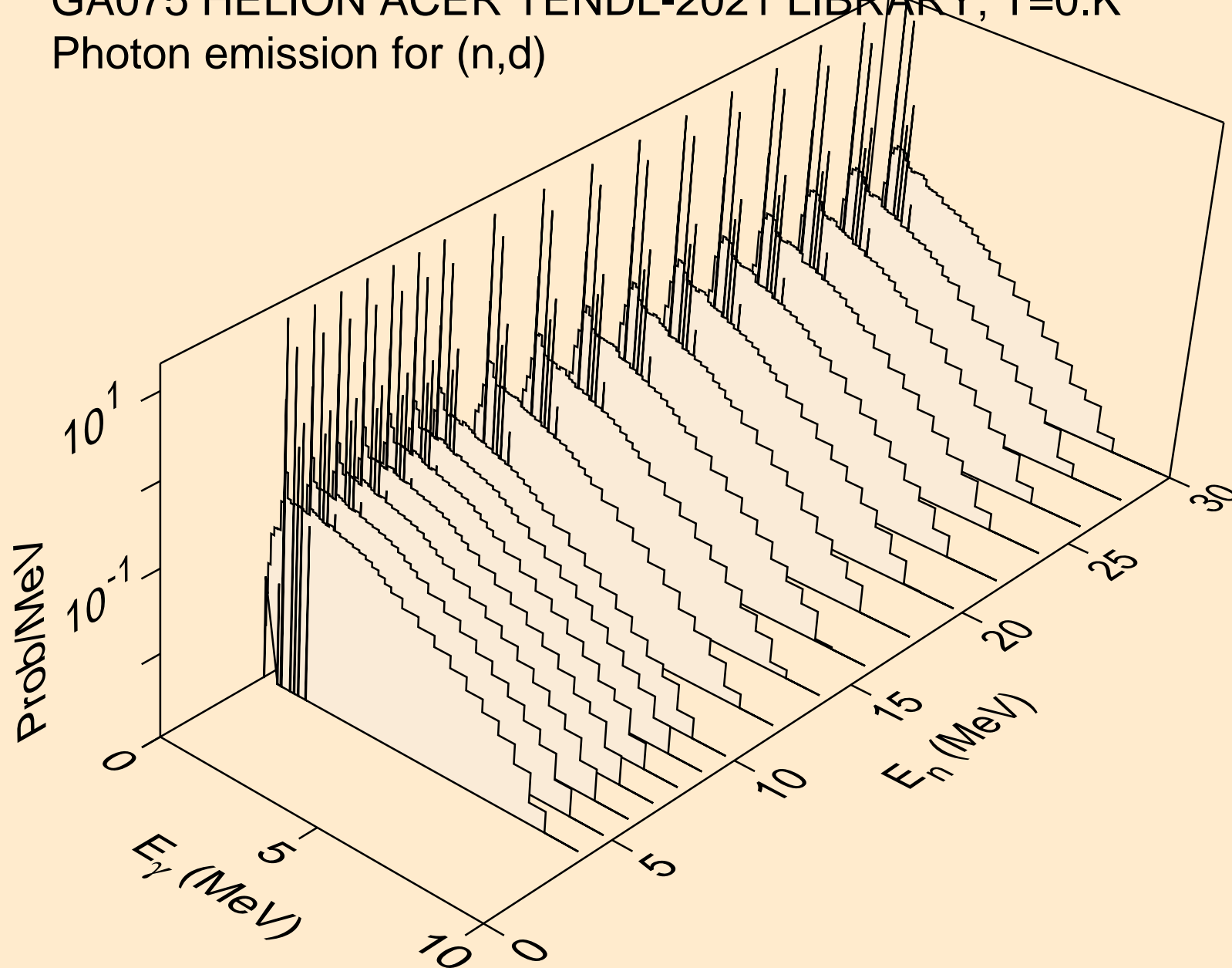
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Photon emission for (n,gma)



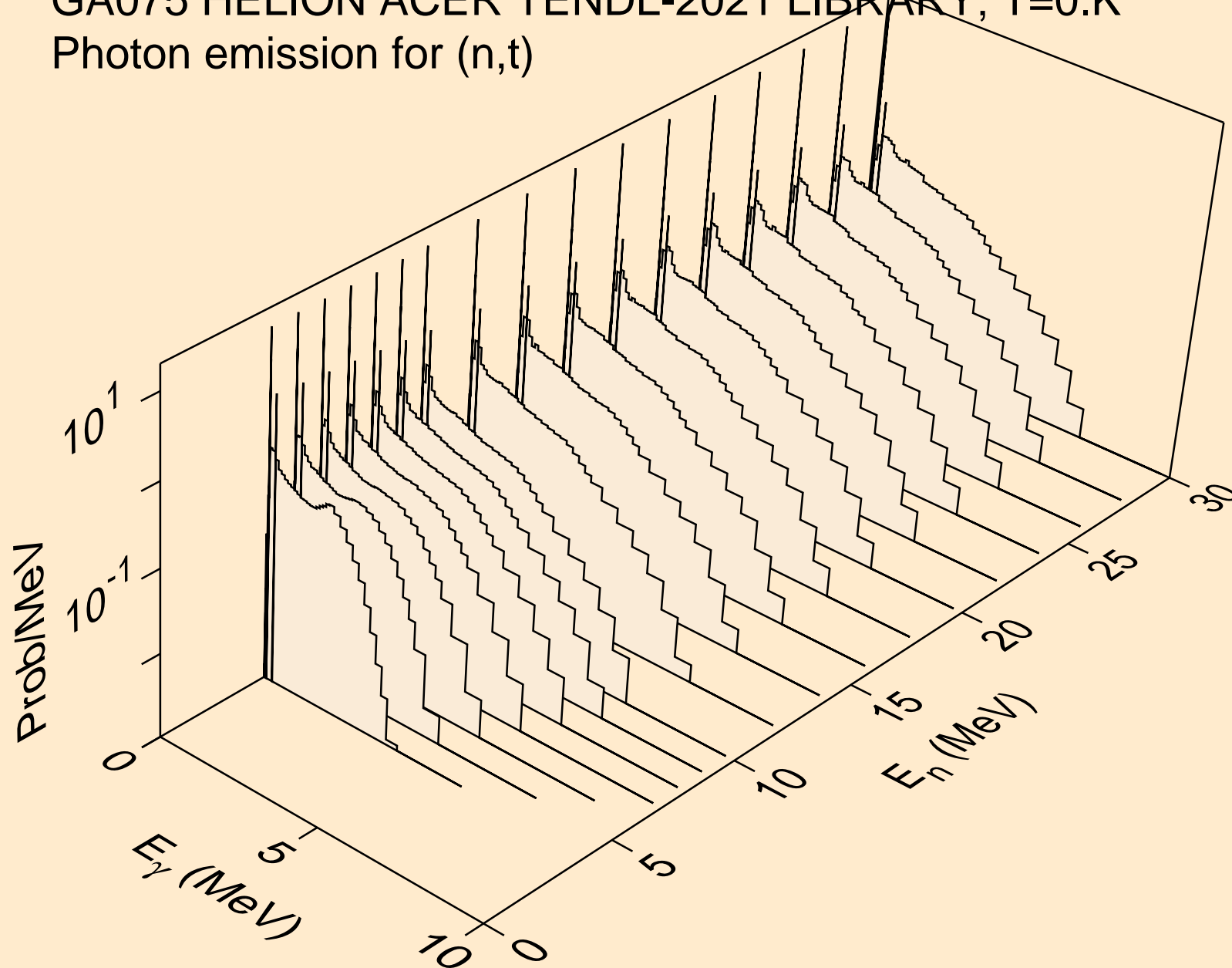
GA075 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p)



GA075 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)

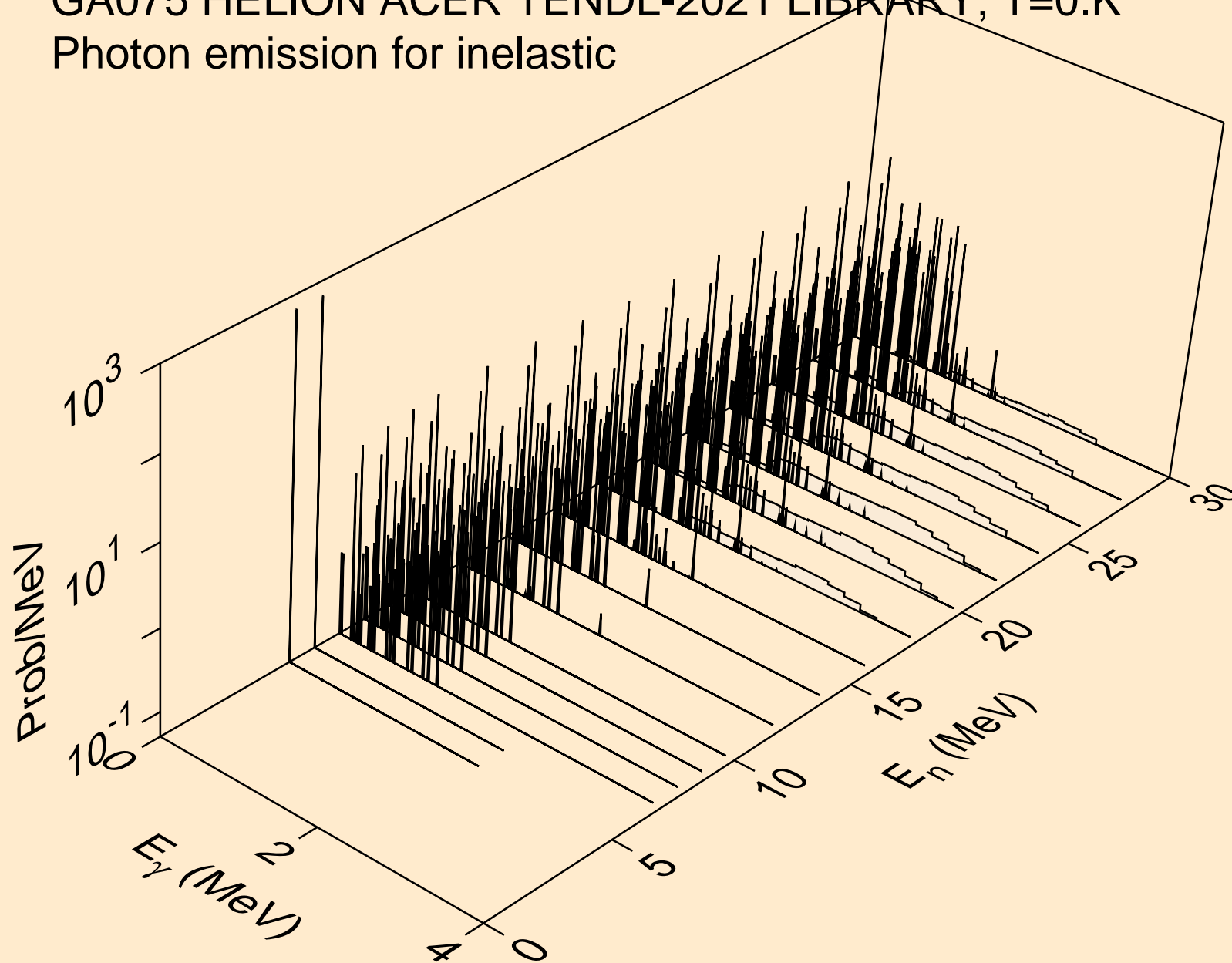


GA075 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)

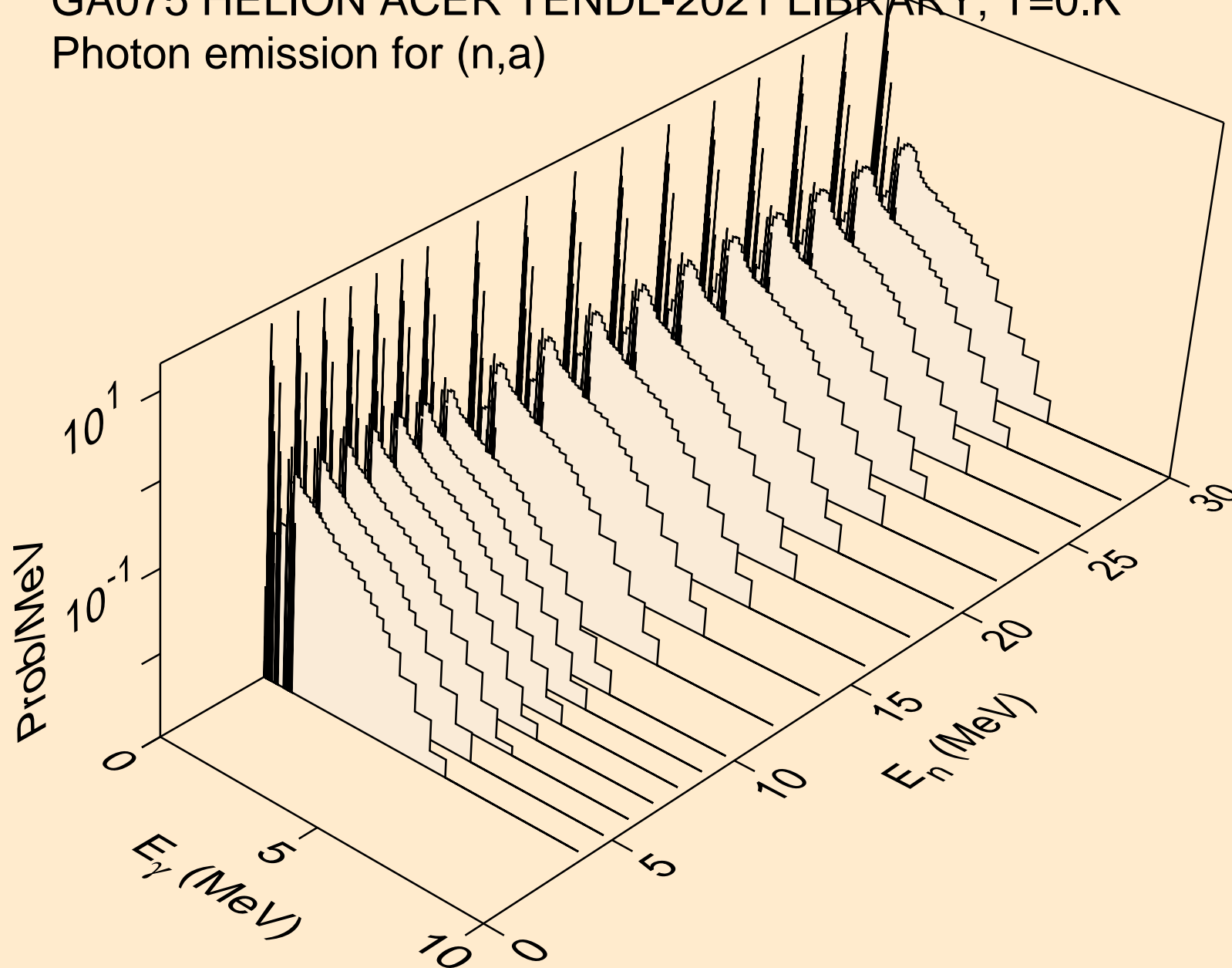




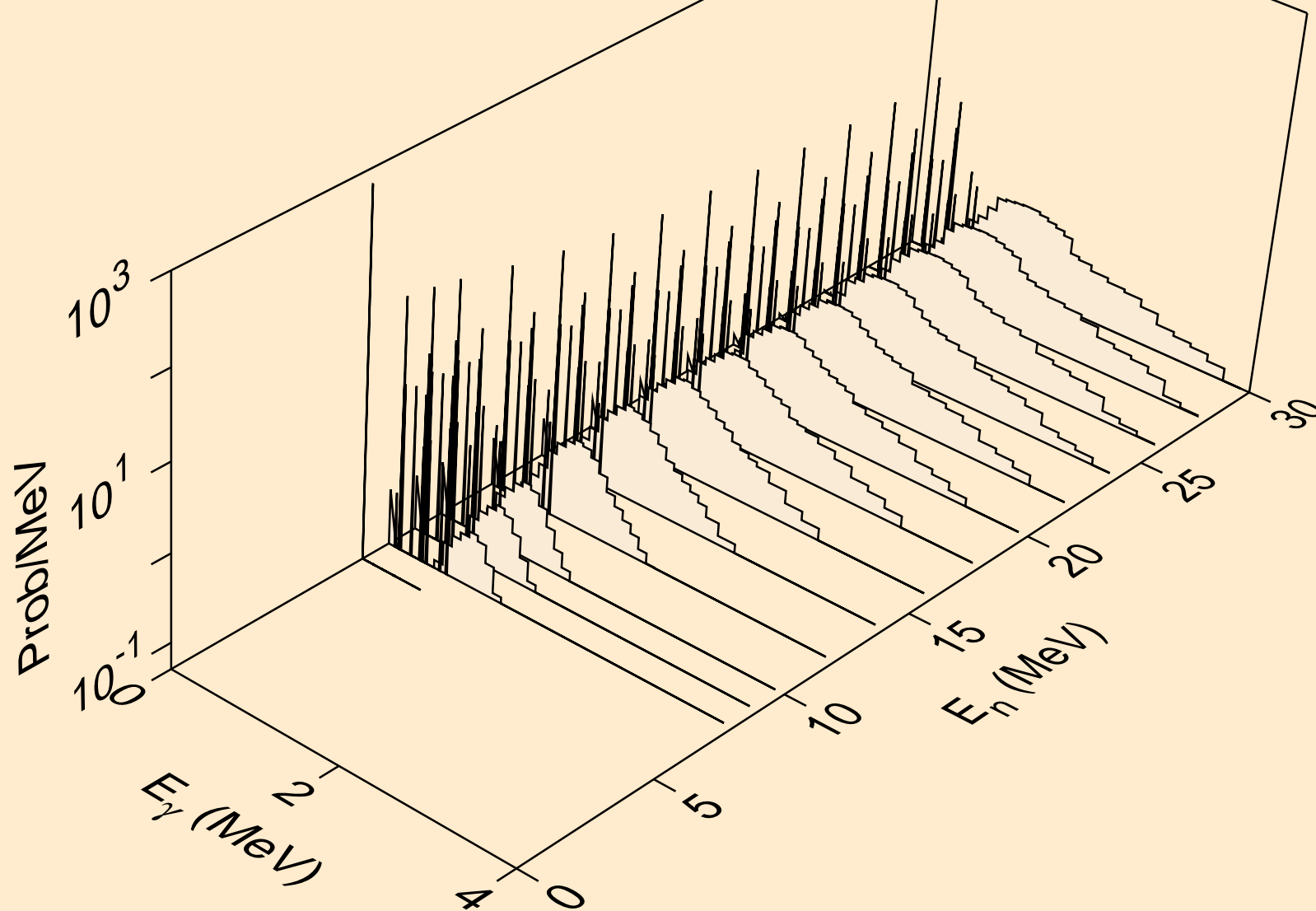
GA075 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



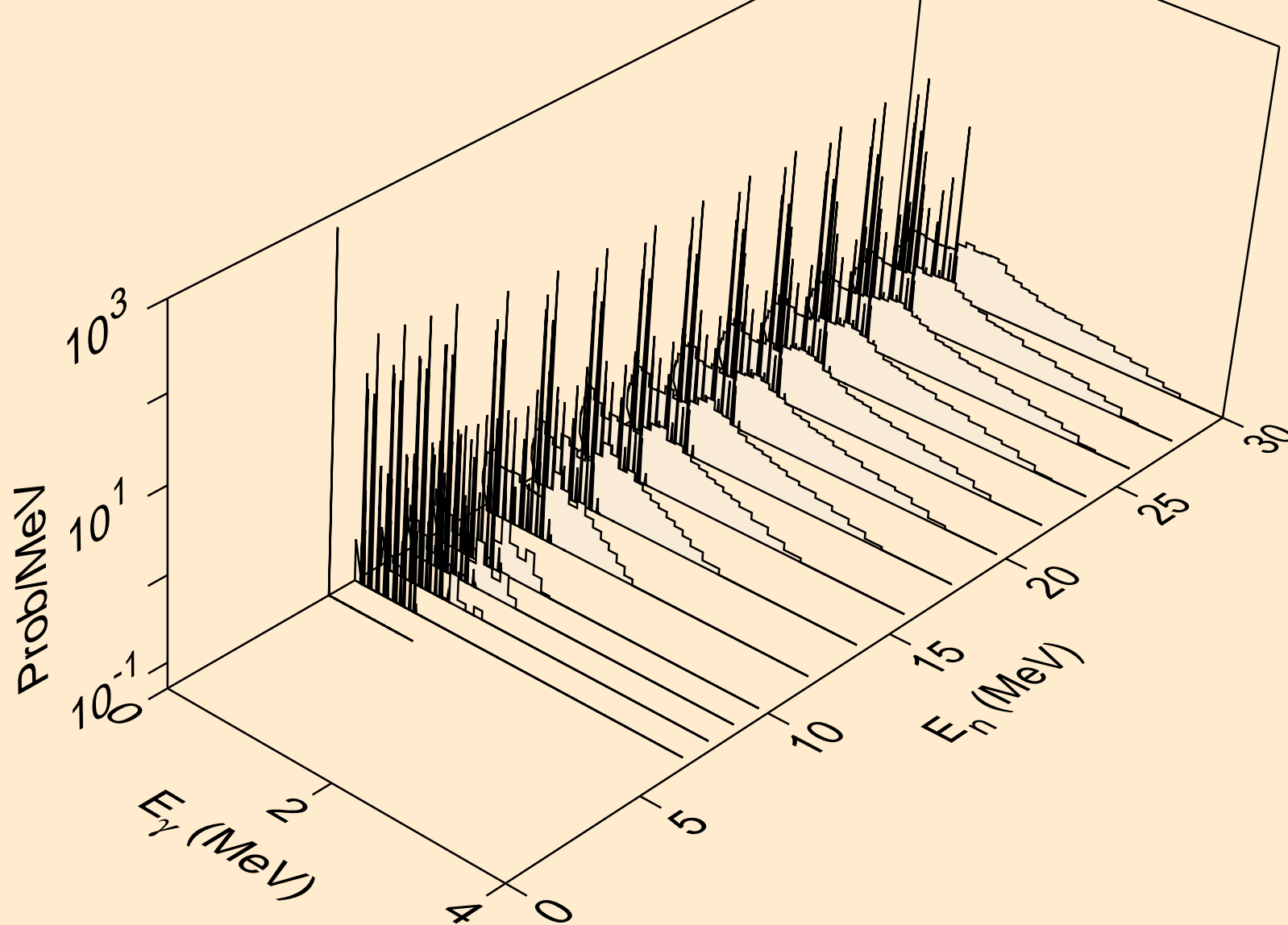
GA075 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,a)



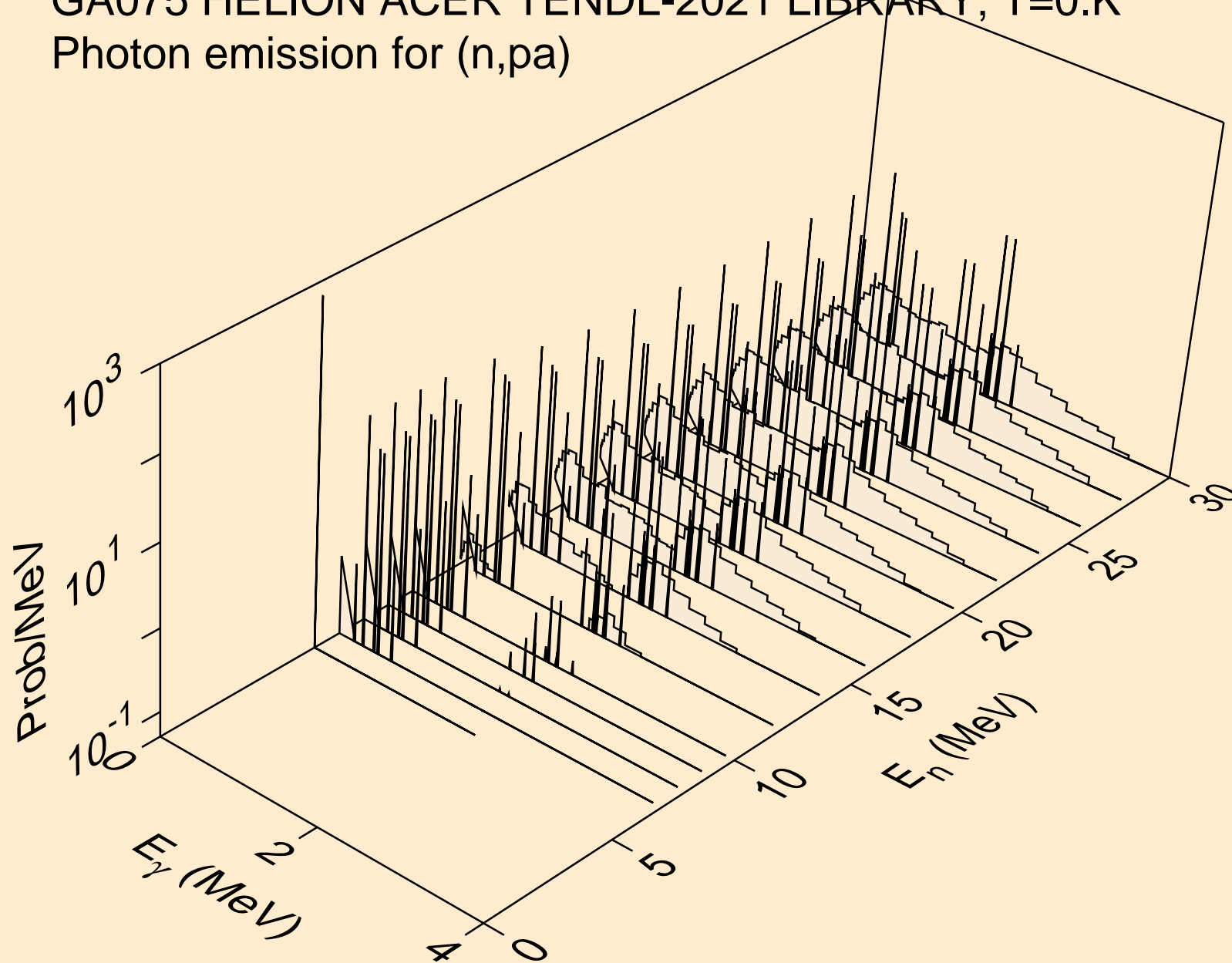
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Photon emission for (n,2a)



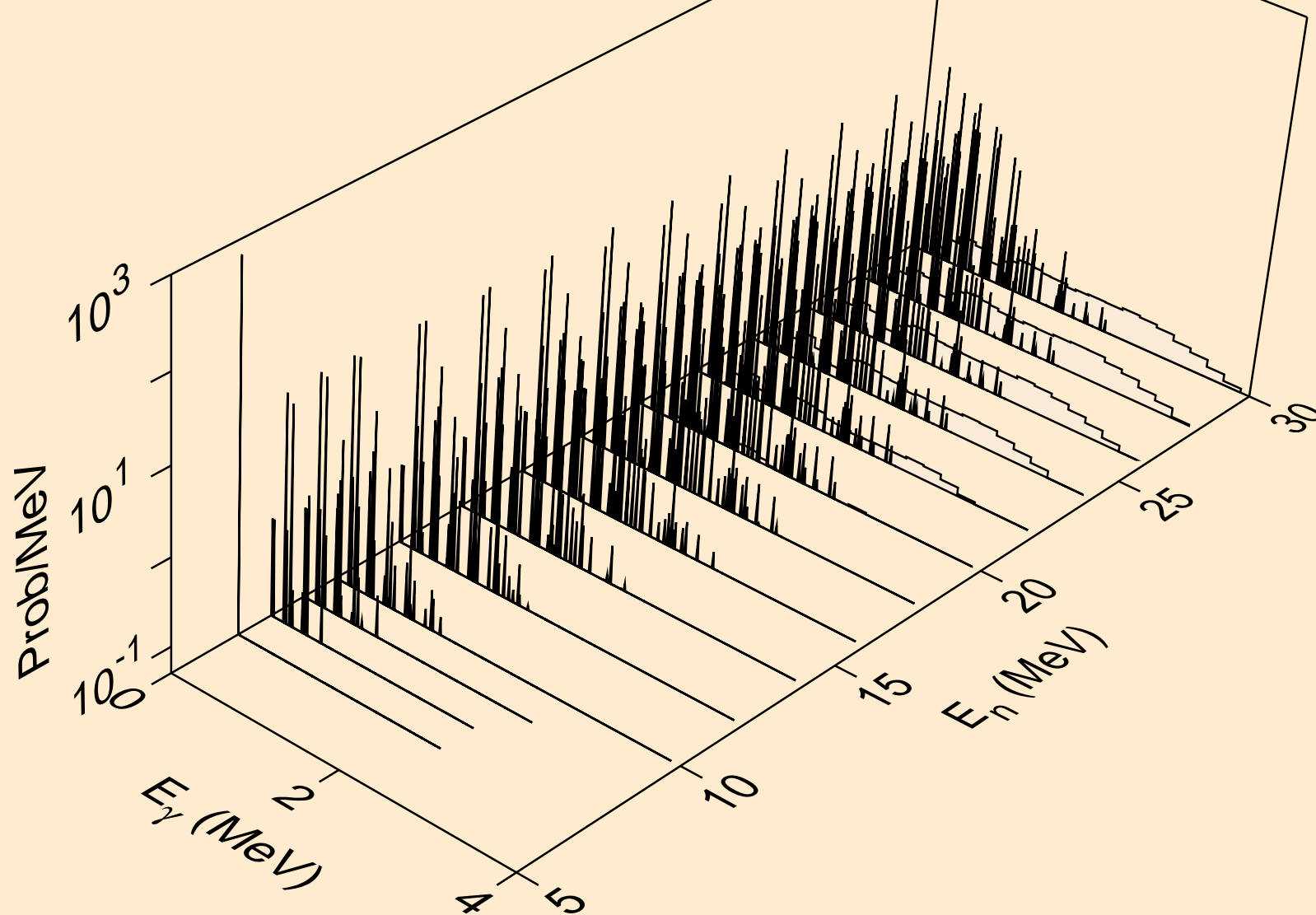
GA075 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)



GA075 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )

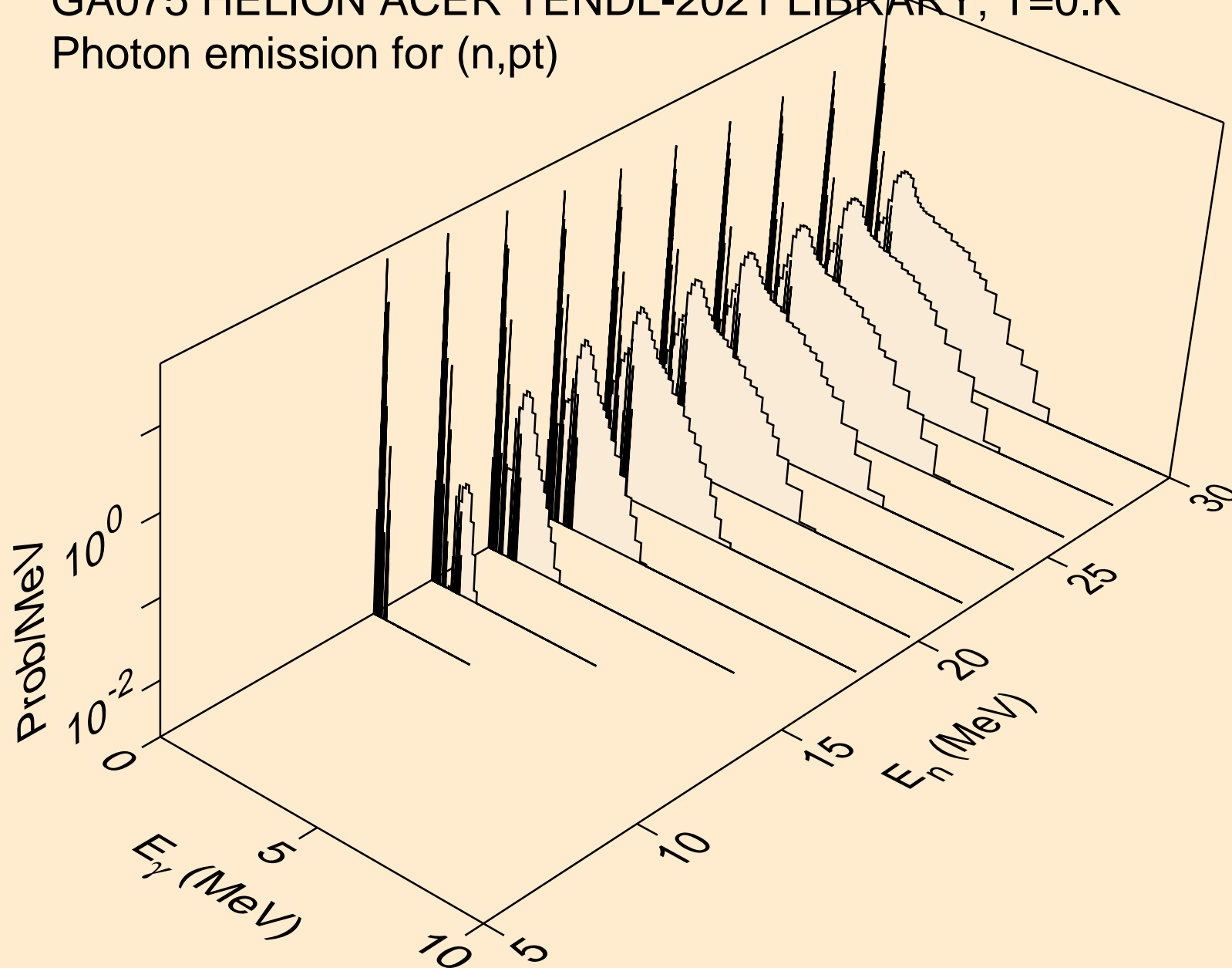


GA075 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)

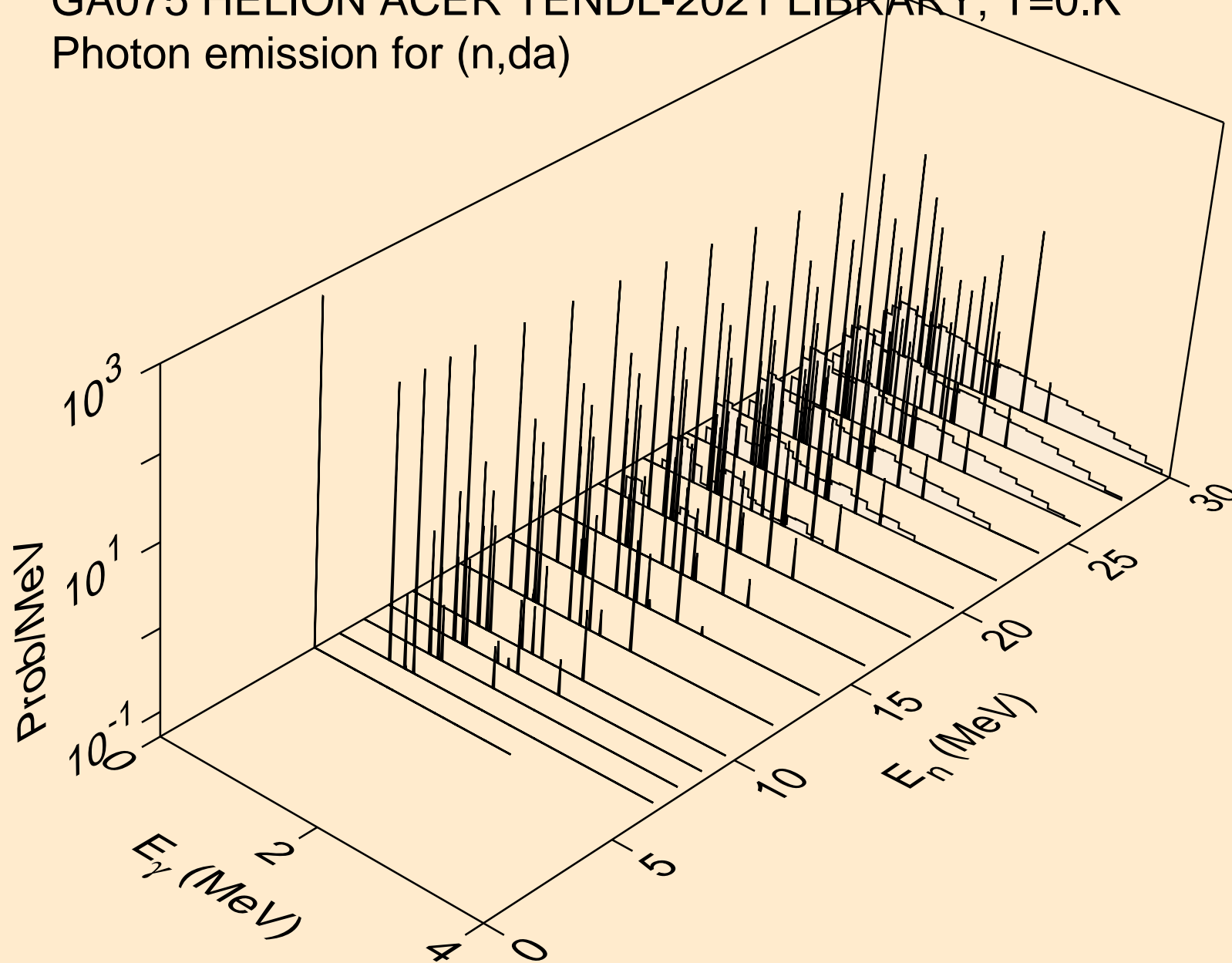


GA075 HELION ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,pt)



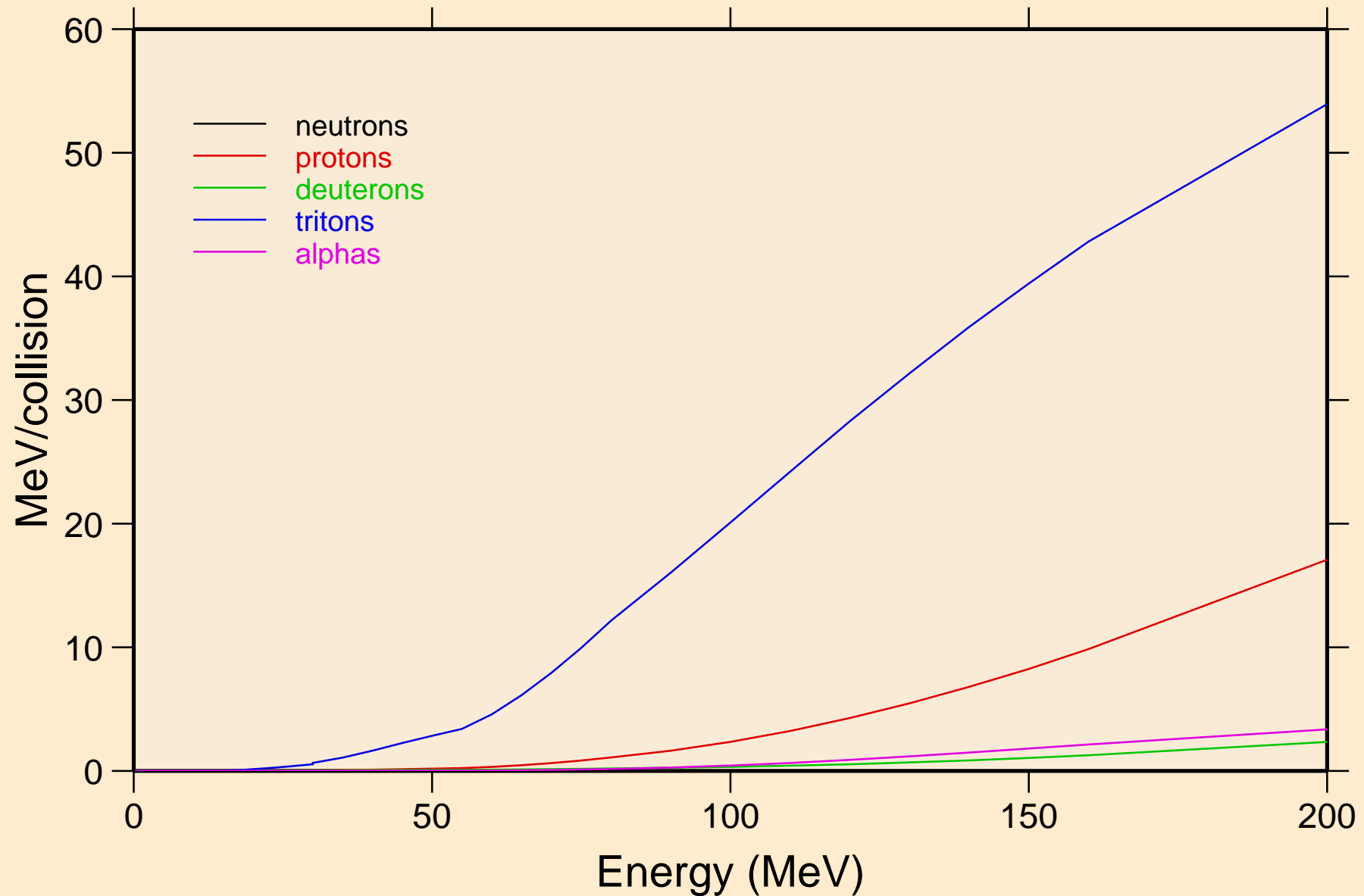
GA075 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,da)





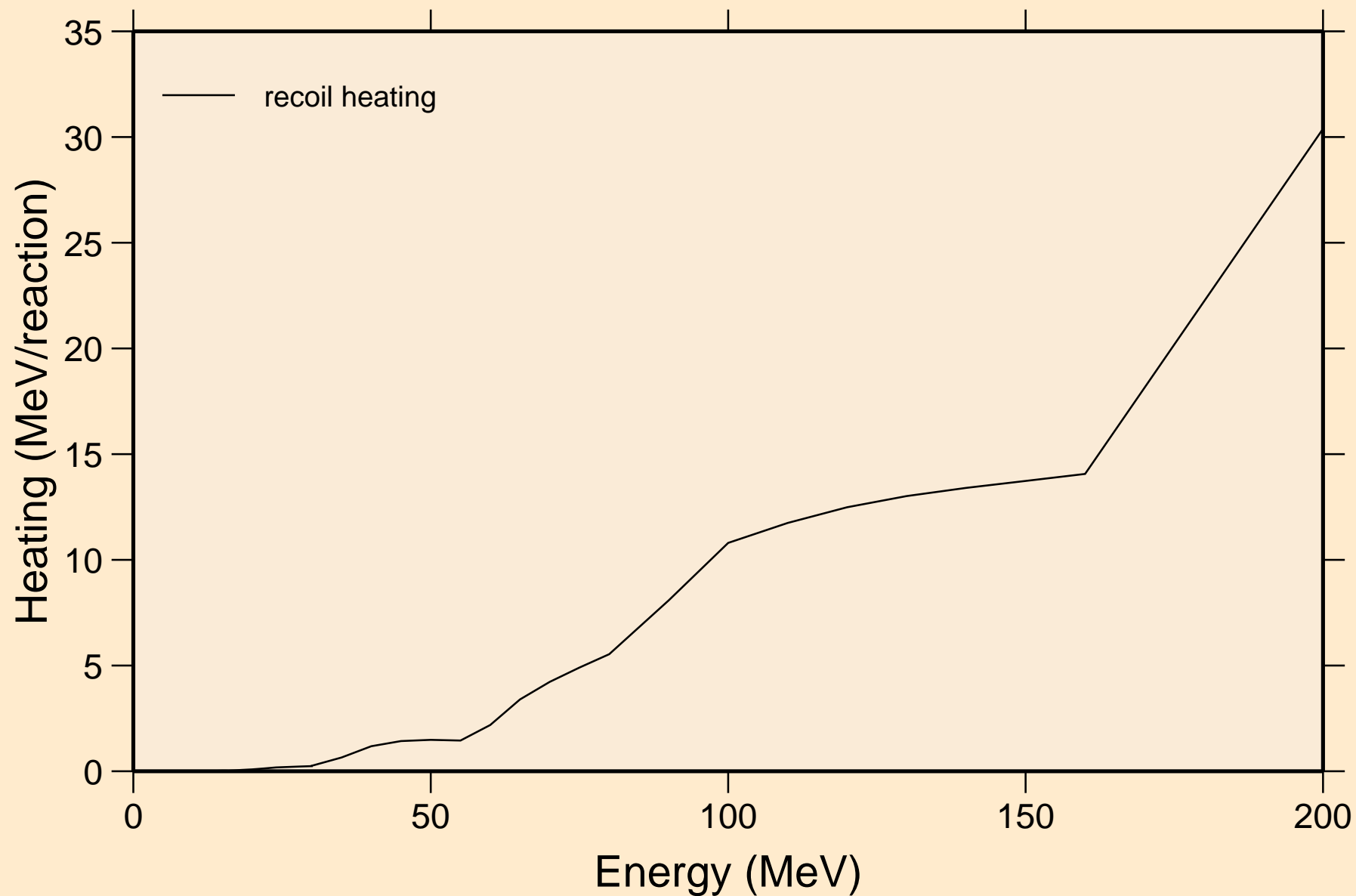
# GA075 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Particle heating contributions



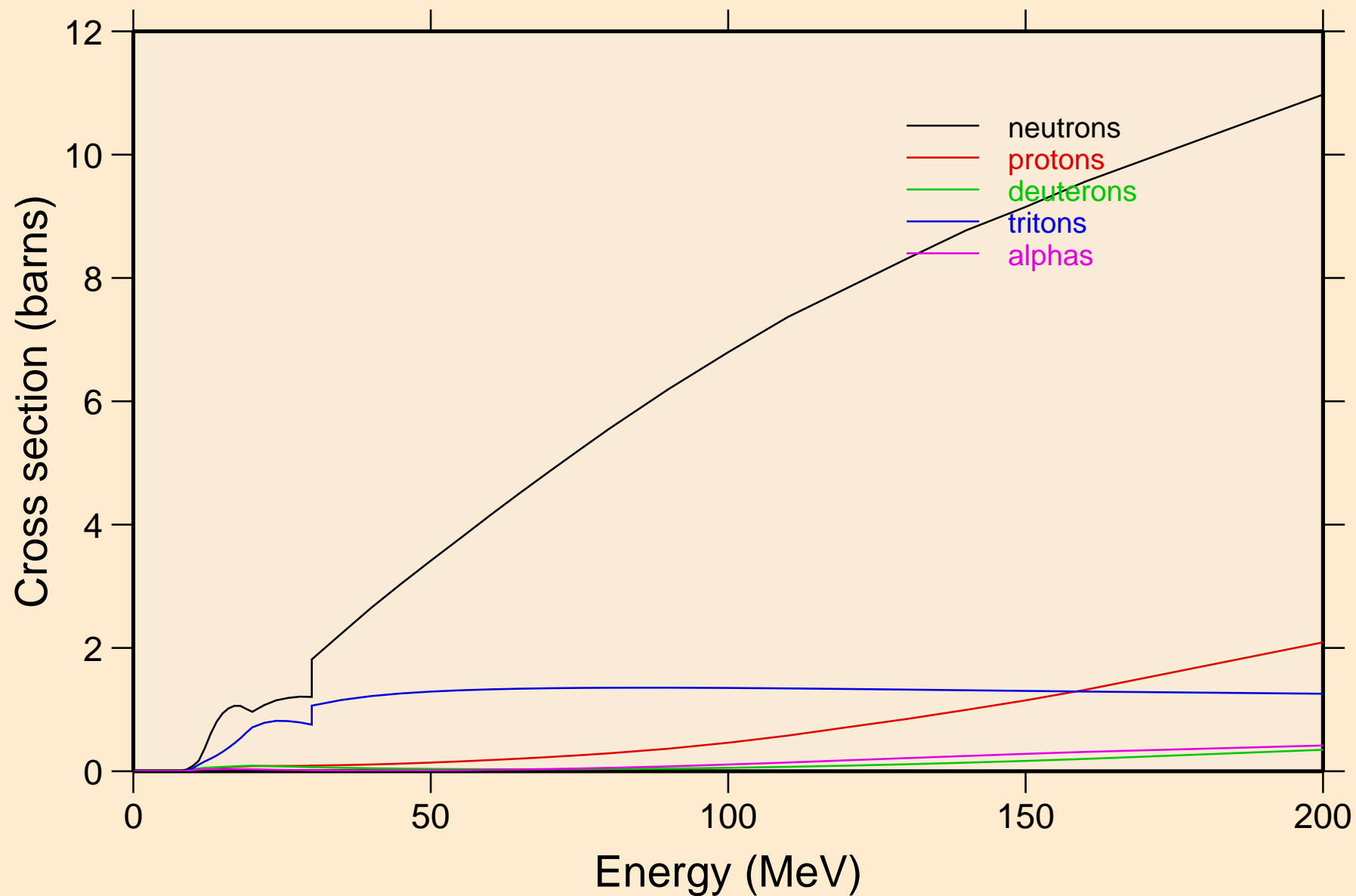
GA075 HELION ACER TENDL-2021 LIBRARY; T=0.K

Recoil Heating

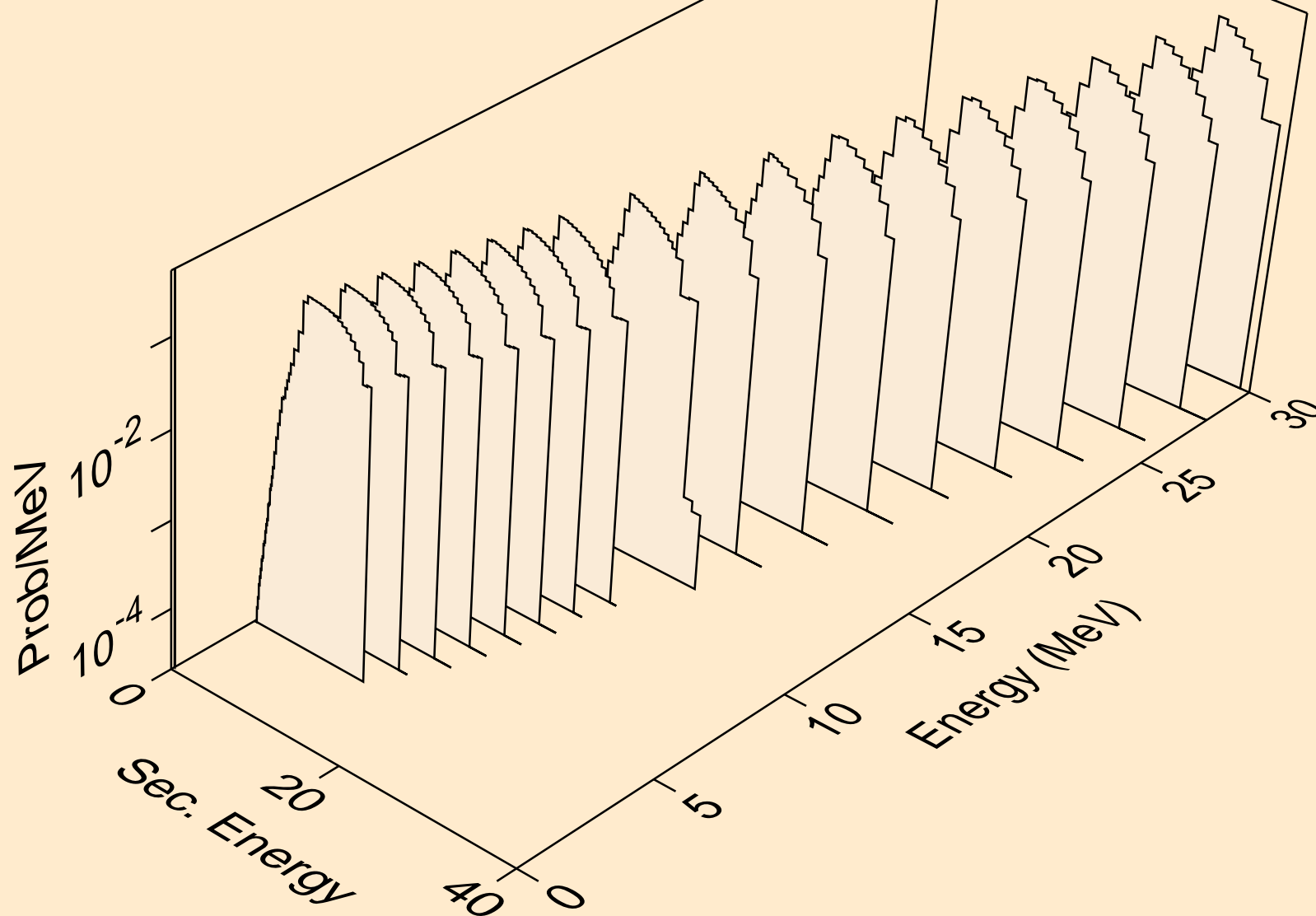


# GA075 HELION ACER TENDL-2021 LIBRARY; T=0.K

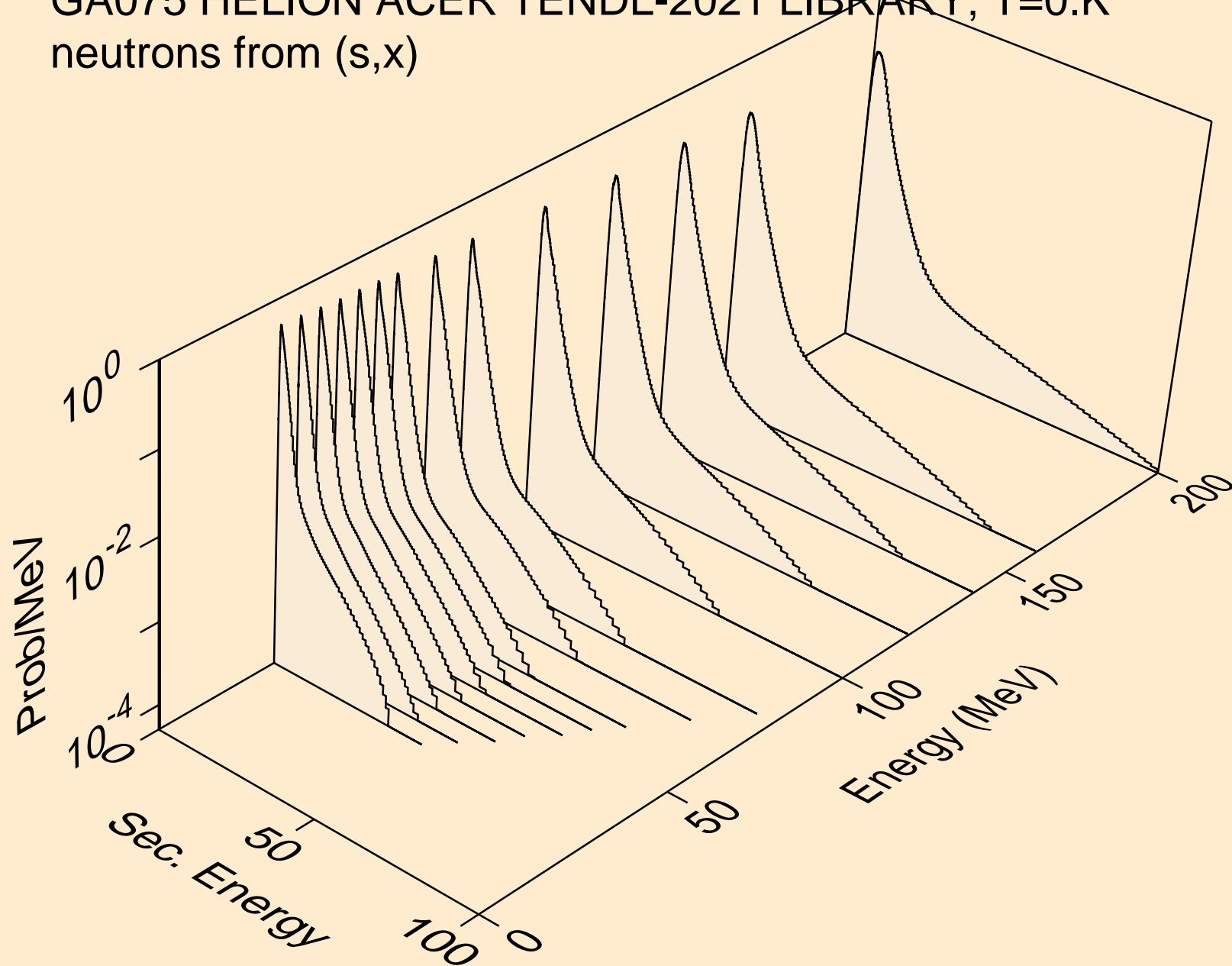
## Particle production cross sections



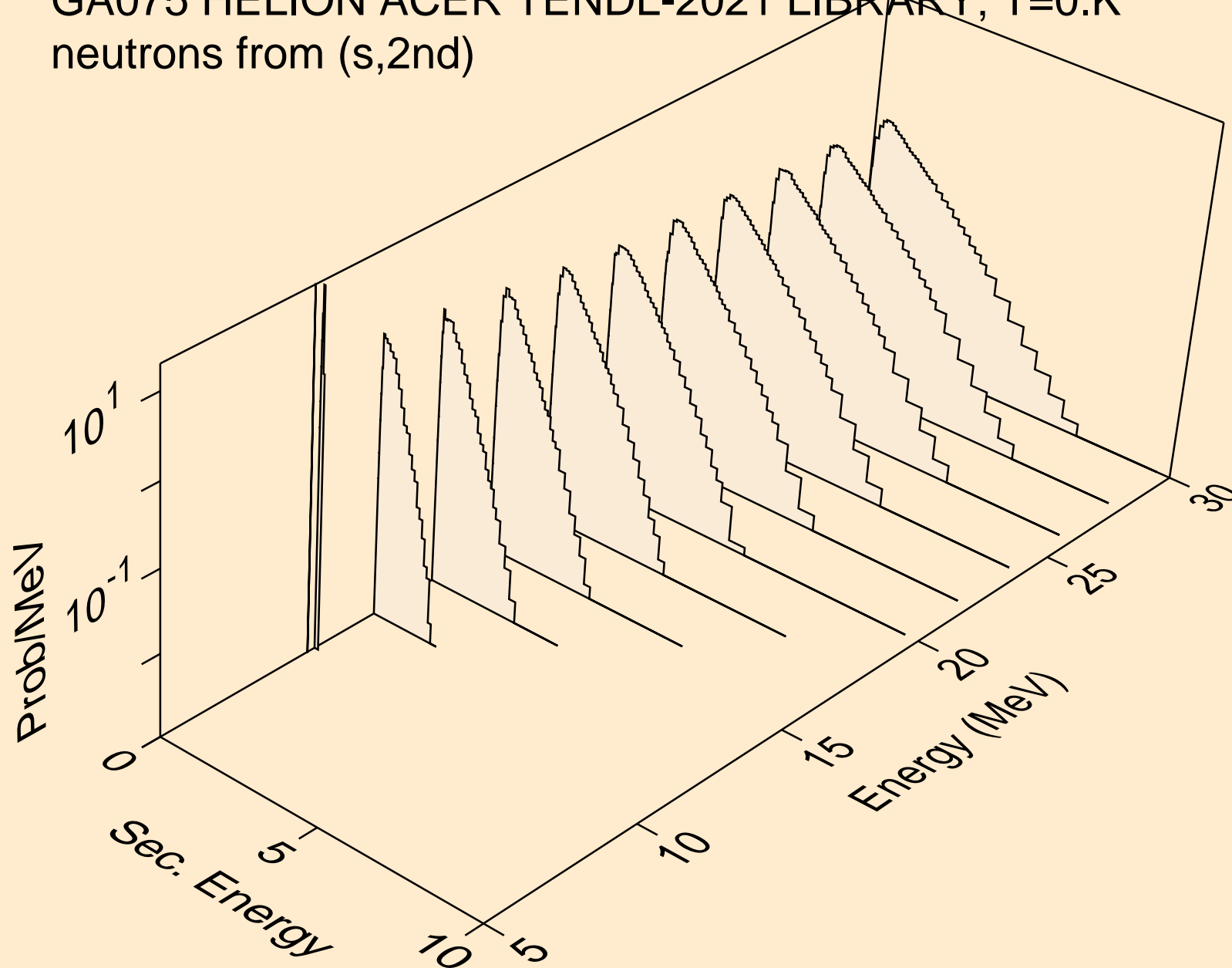
GA075 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n)



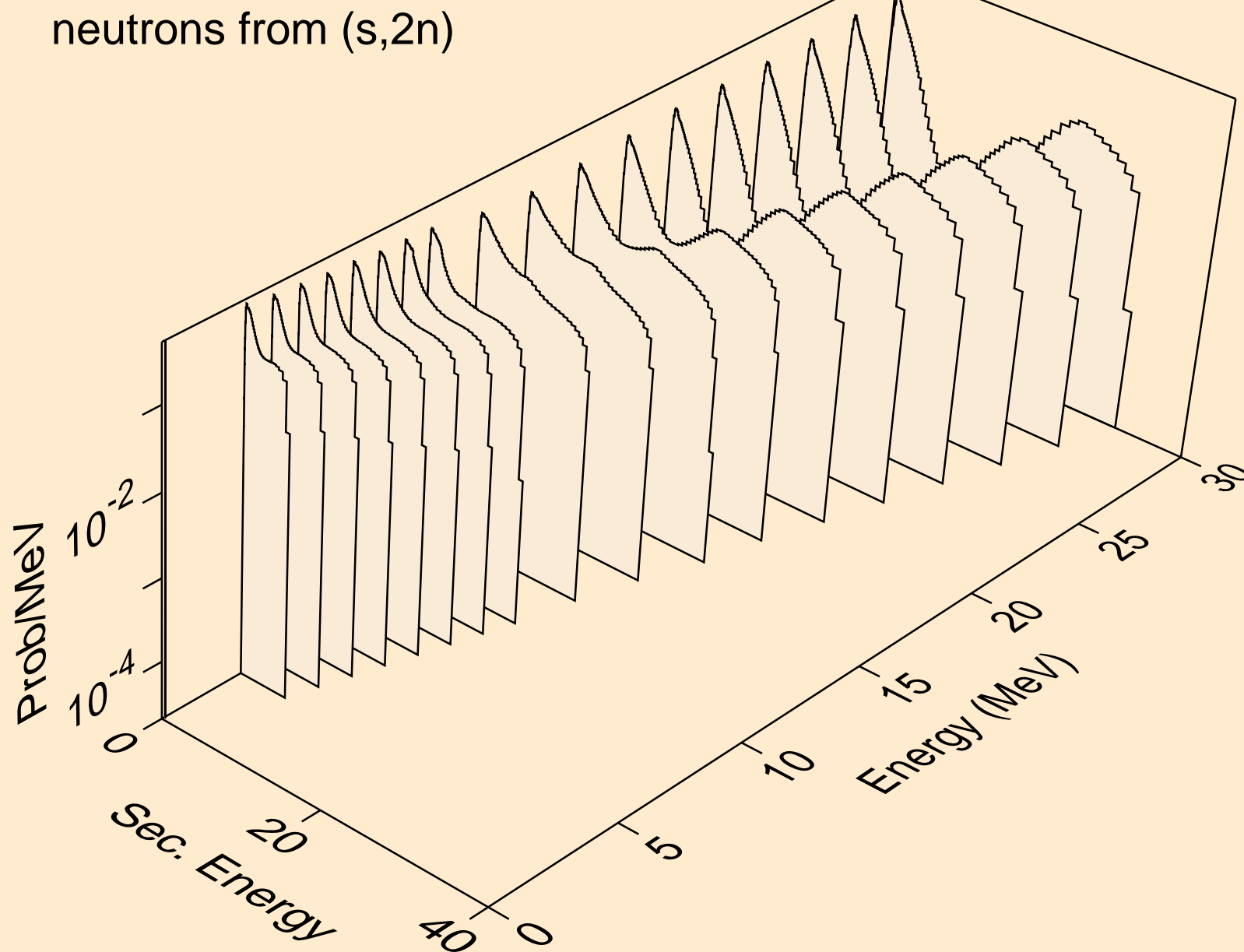
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neutrons from (s,x)



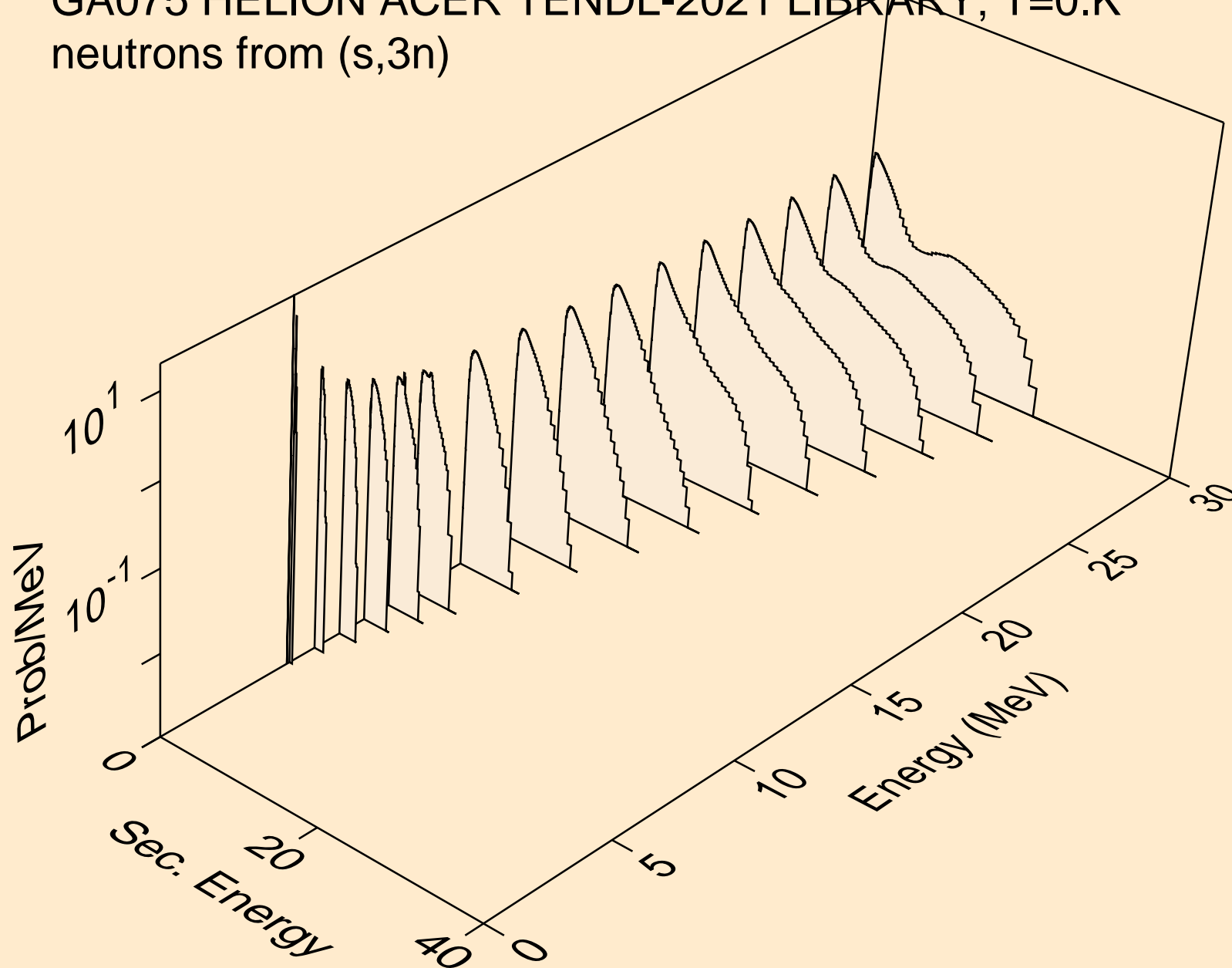
GA075 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2nd)



GA075 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)

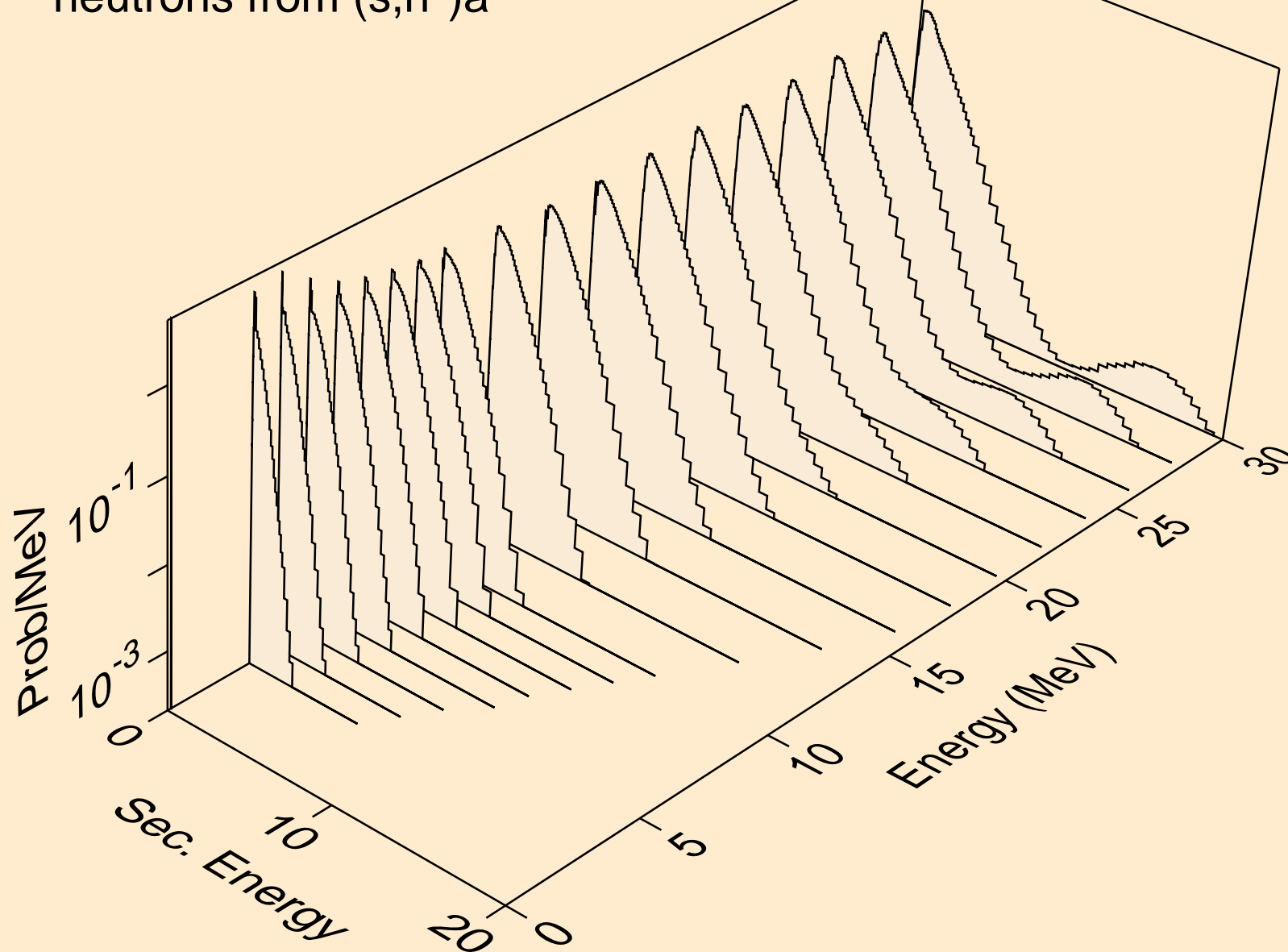


GA075 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3n)

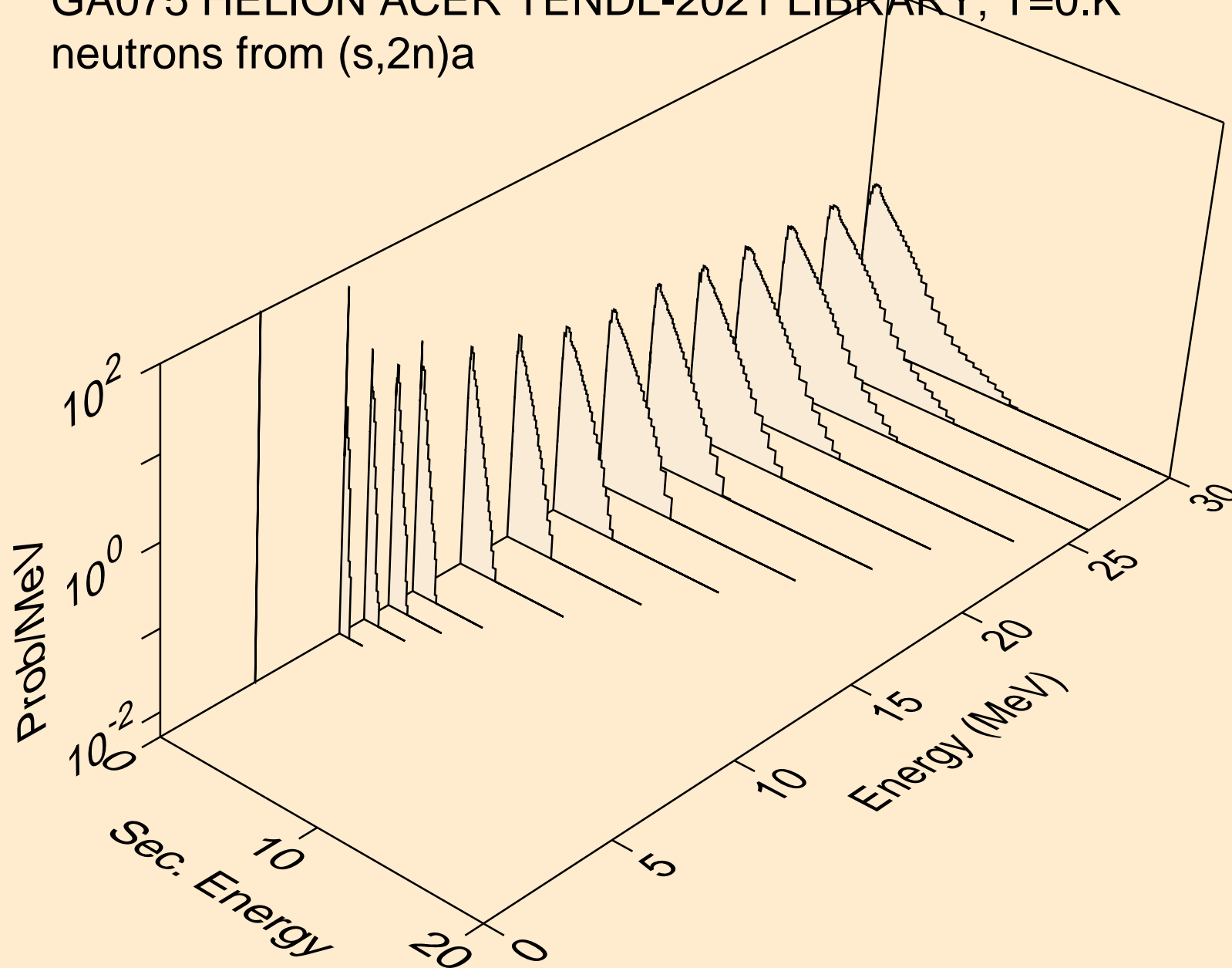




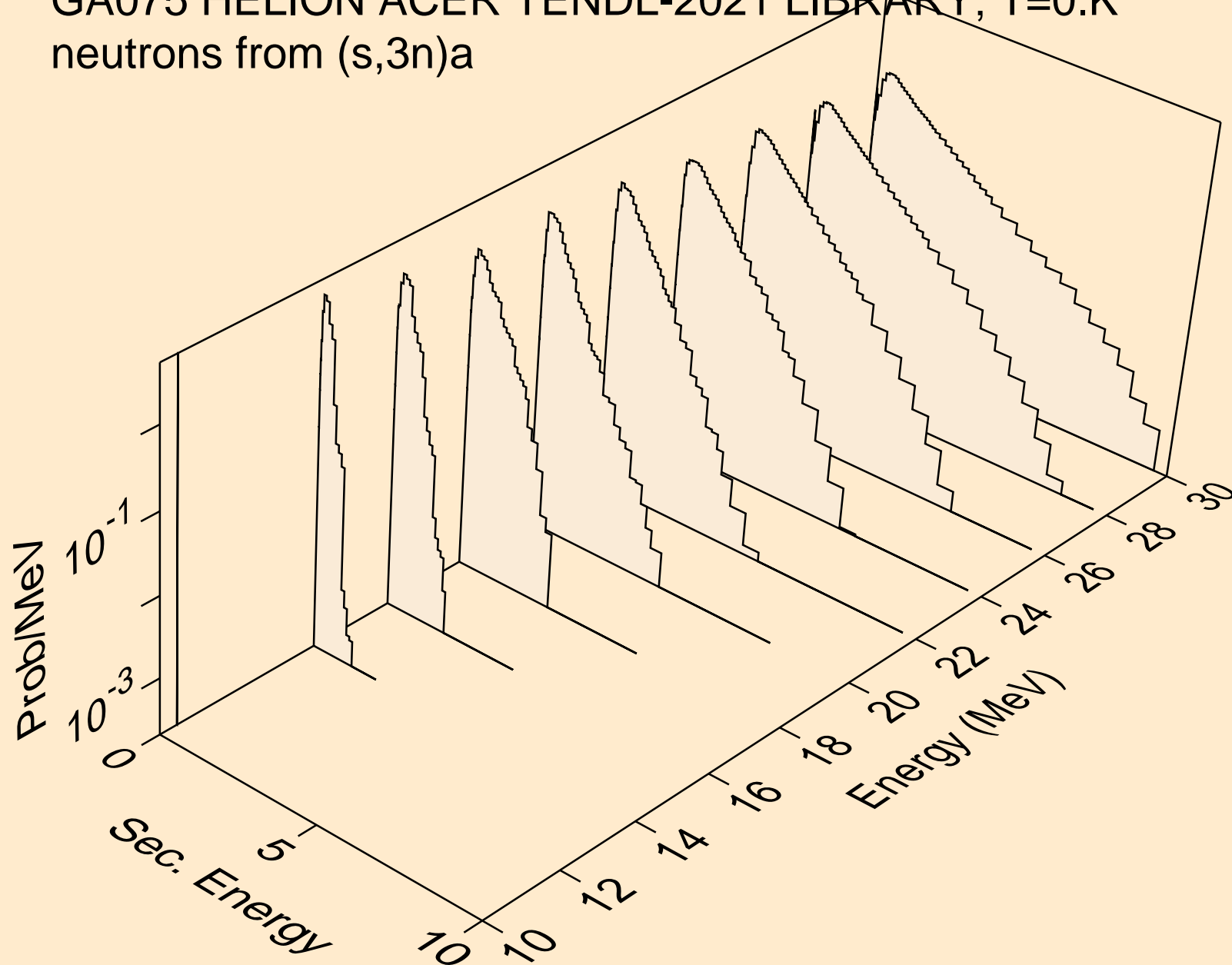
GA075 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)a



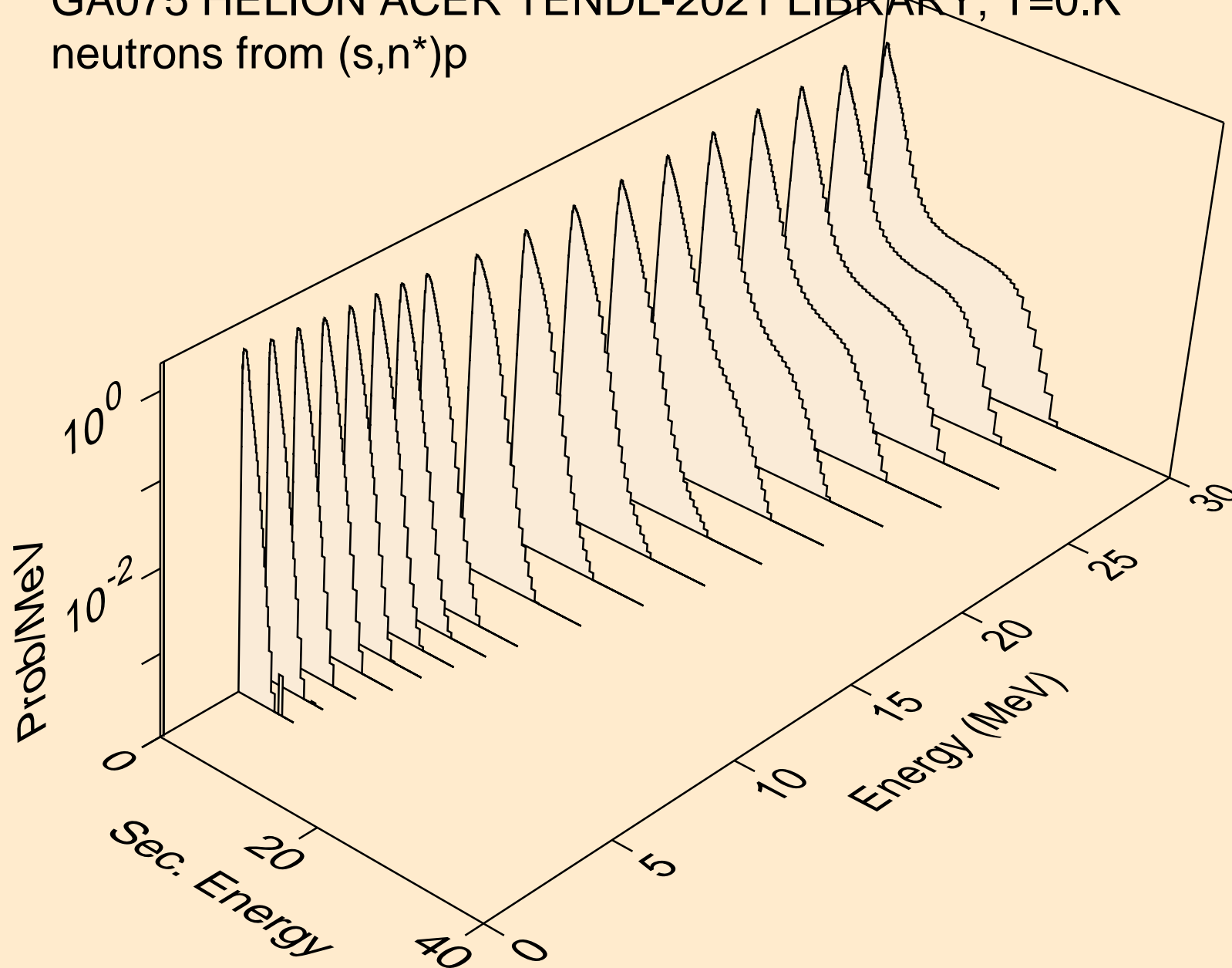
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neutrons from (s,2n)a



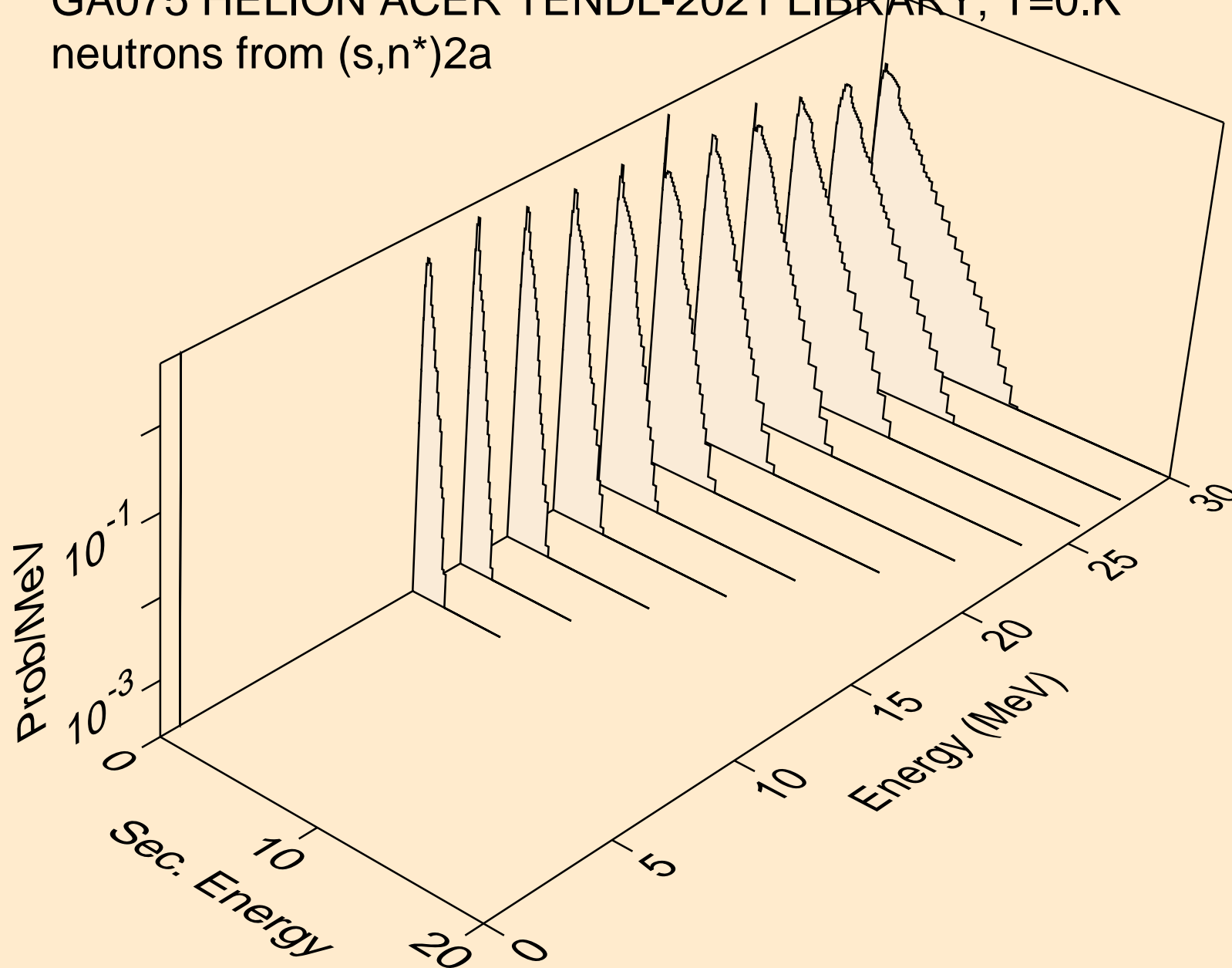
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neutrons from (s,3n)a



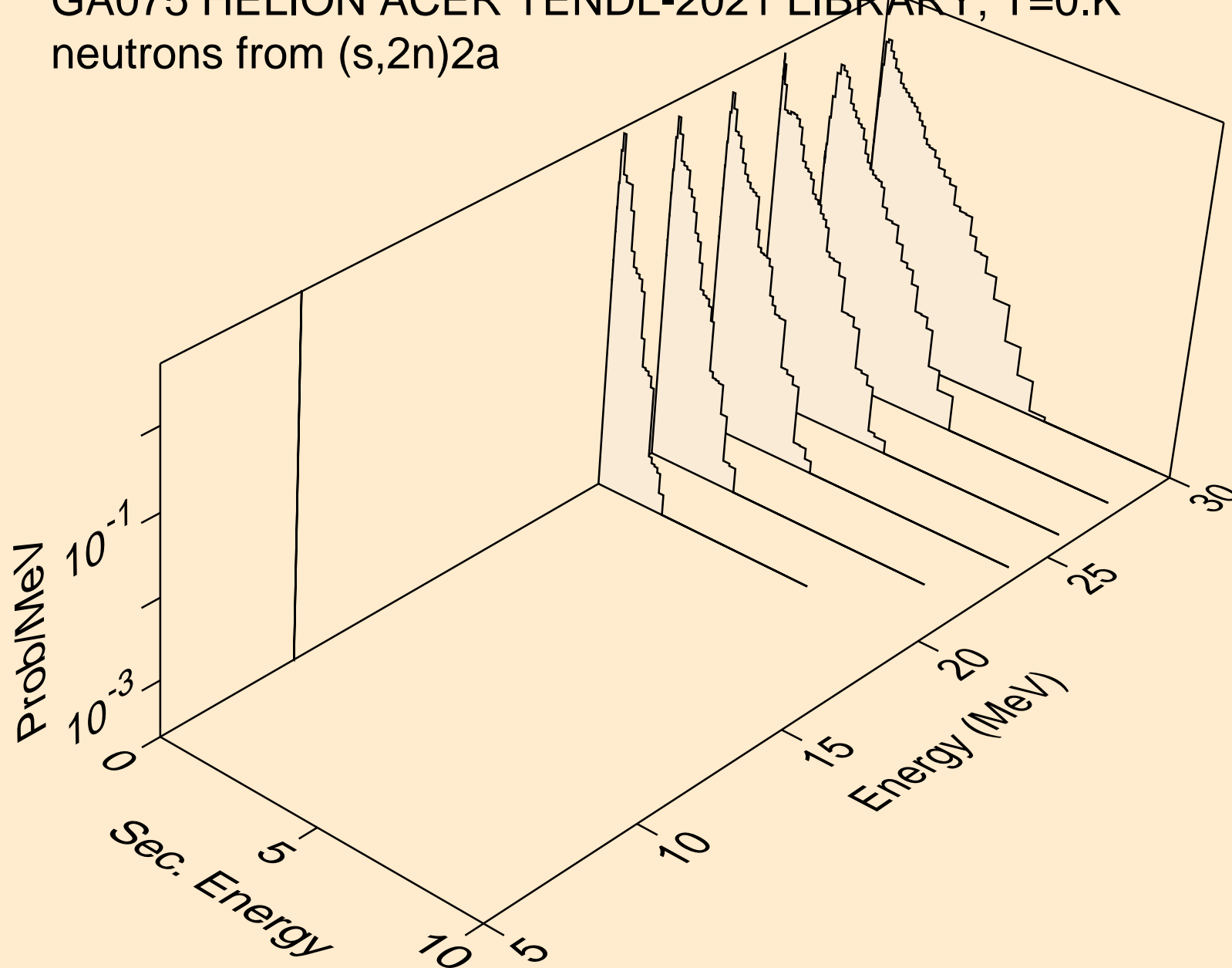
GA075 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)p



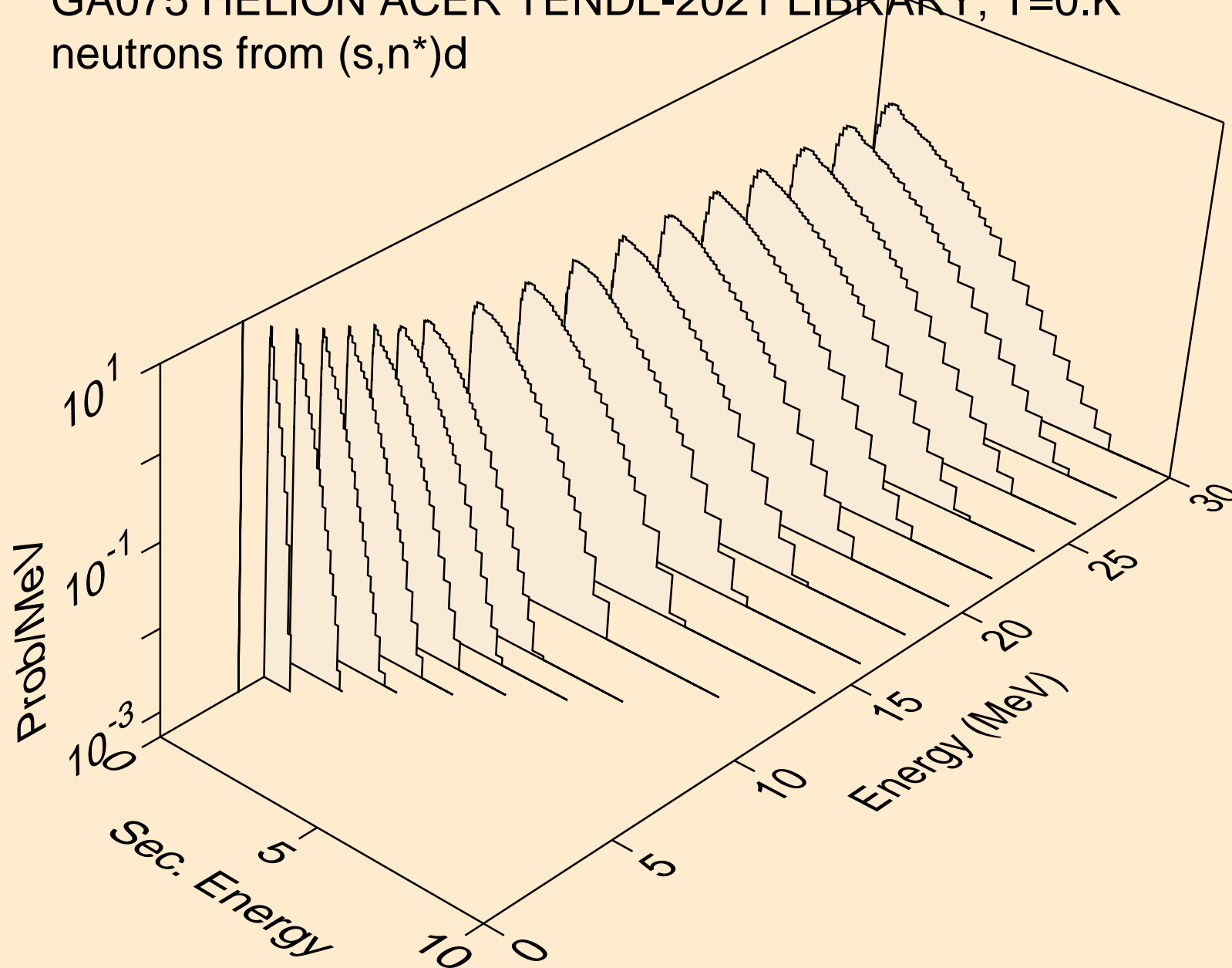
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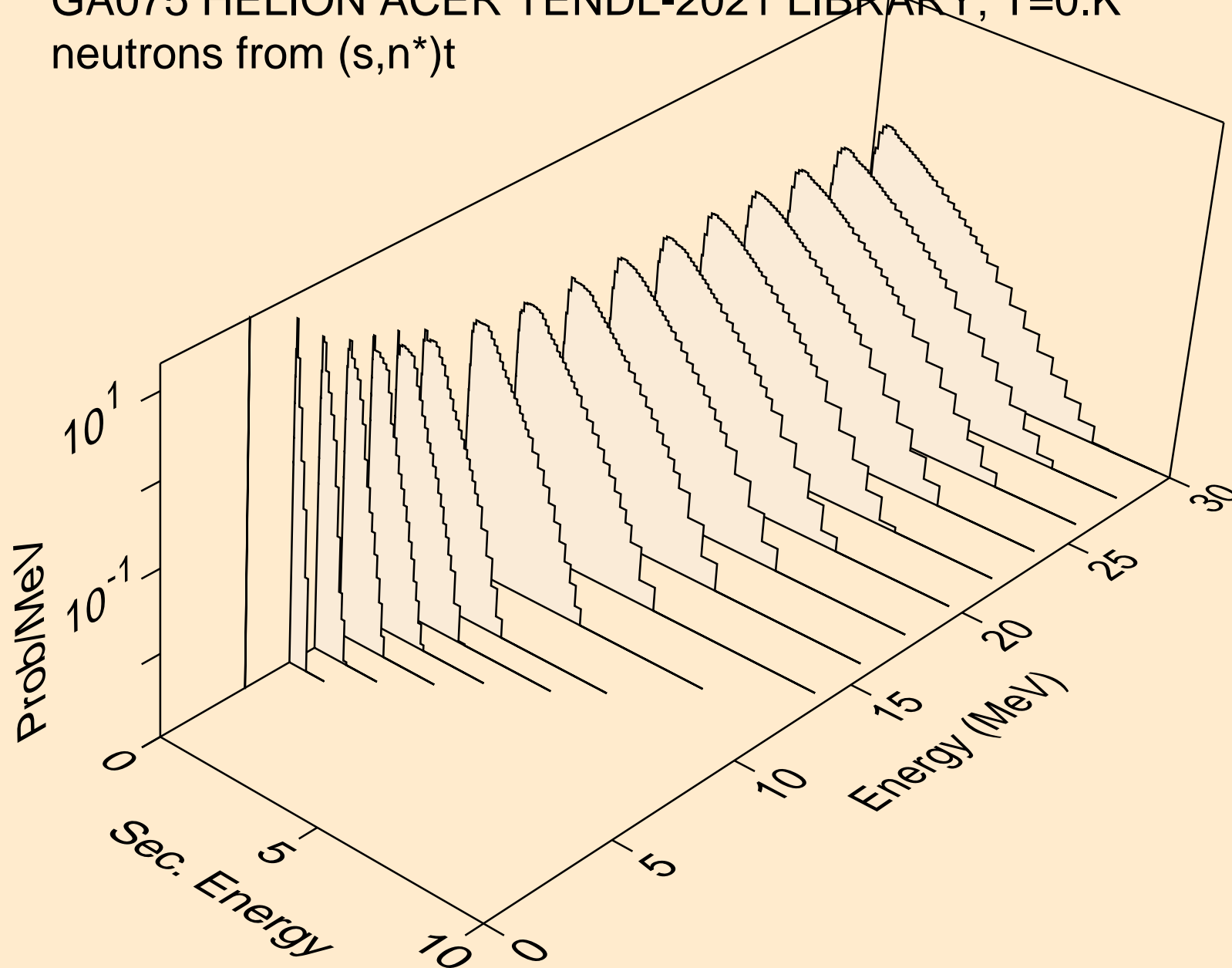
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neutrons from (s,2n)2a



GA075 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)d

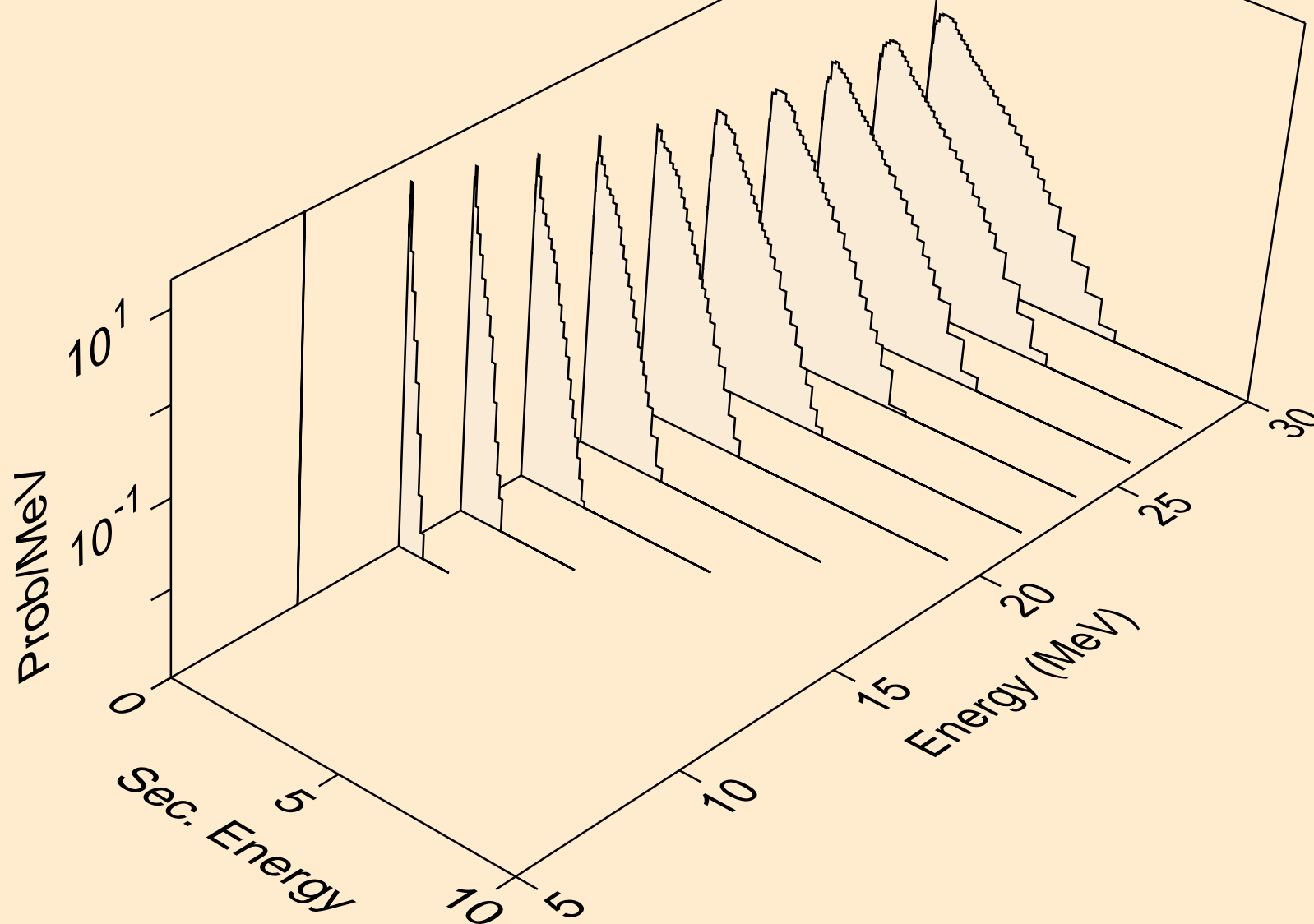


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neutrons from (s,n\*)t

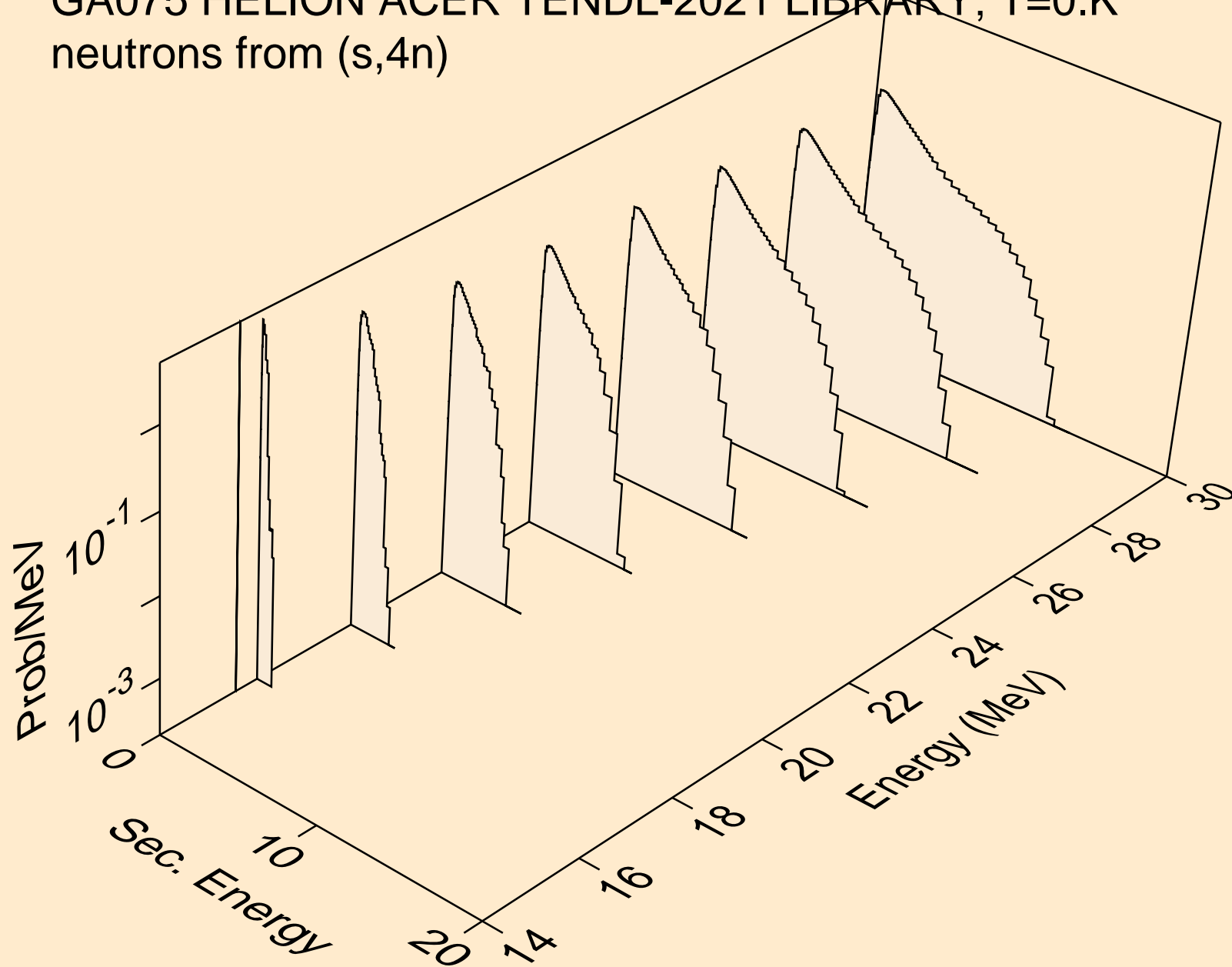




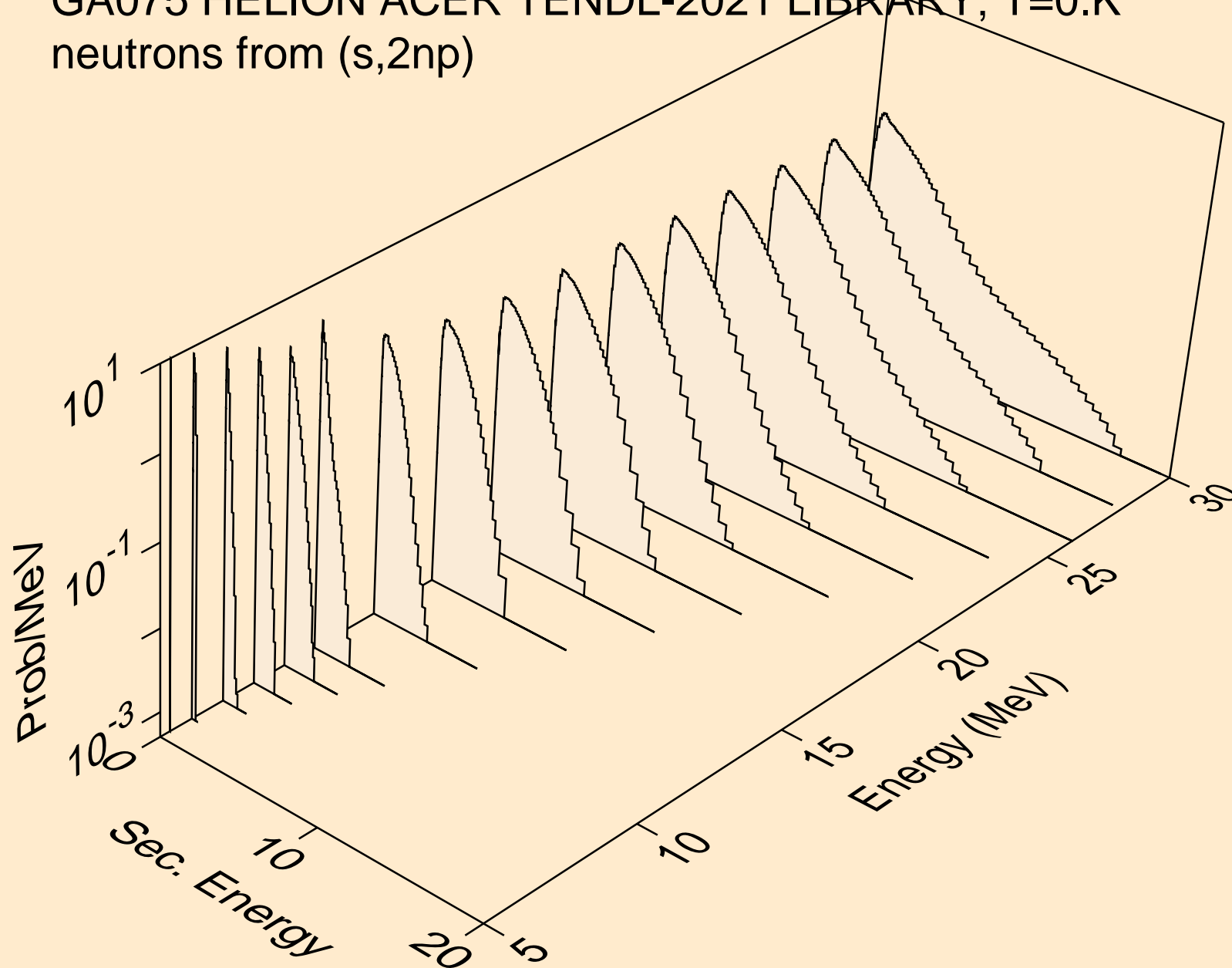
GA075 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



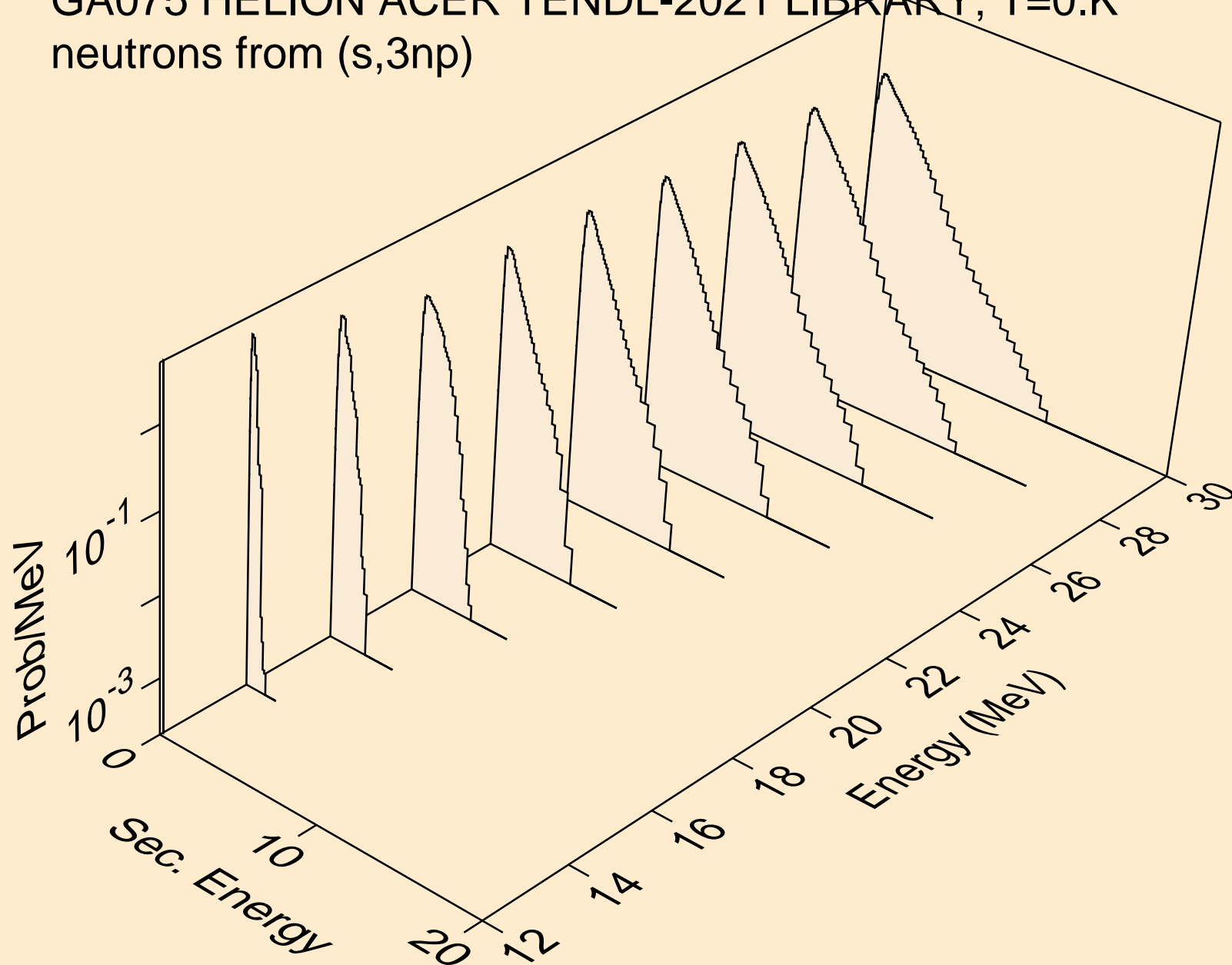
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neutrons from (s,4n)



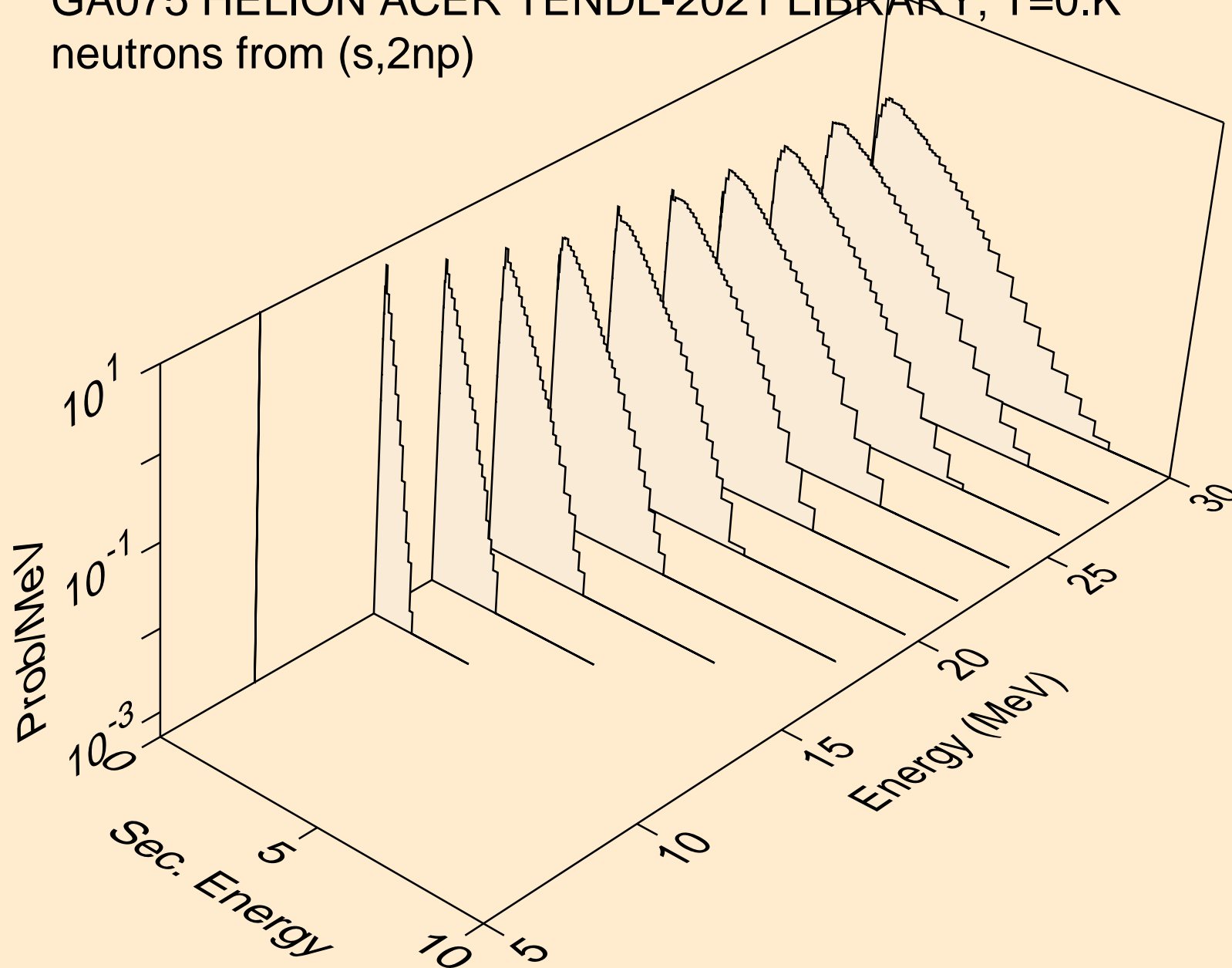
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neutrons from (s,2np)



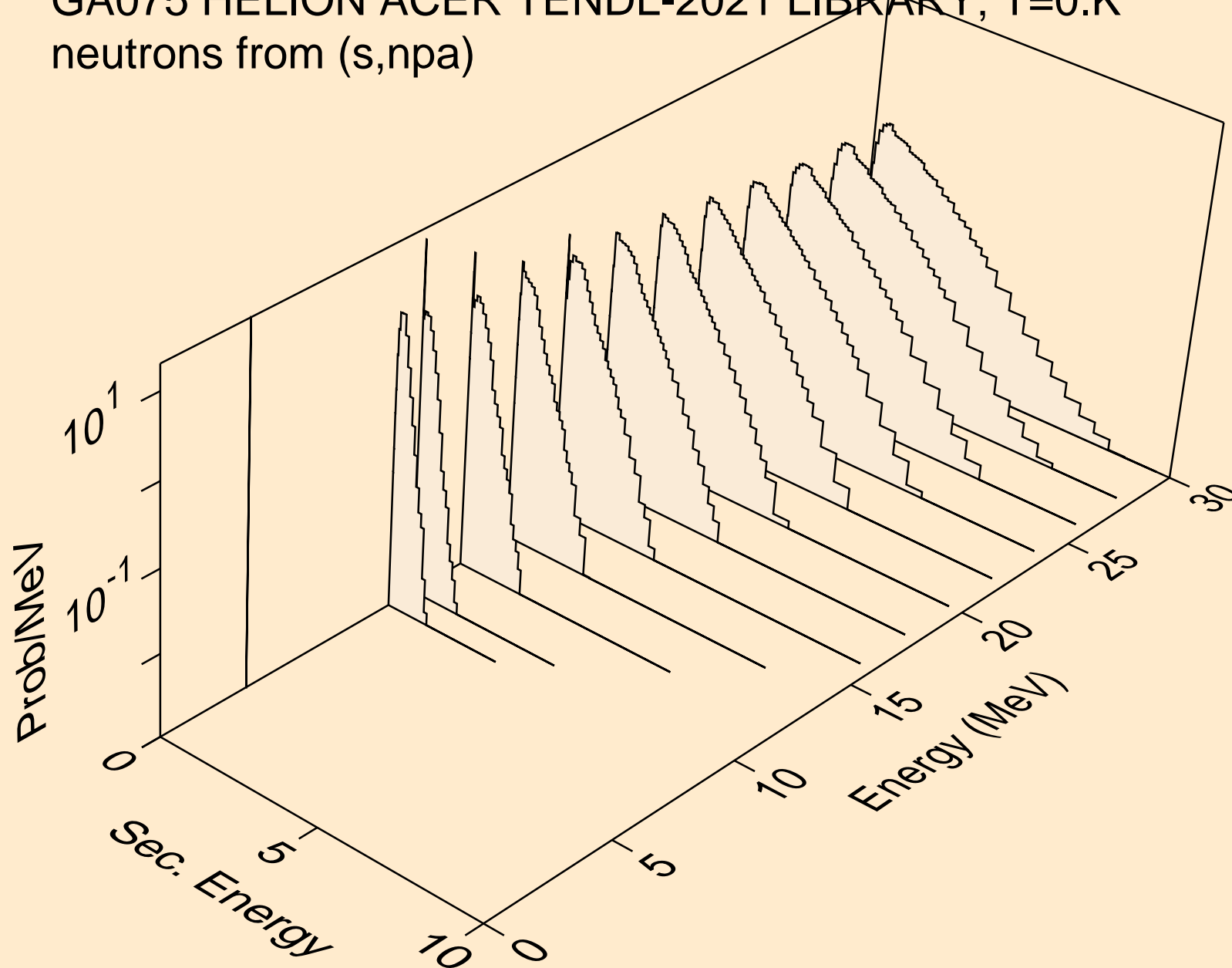
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neutrons from (s,3np)



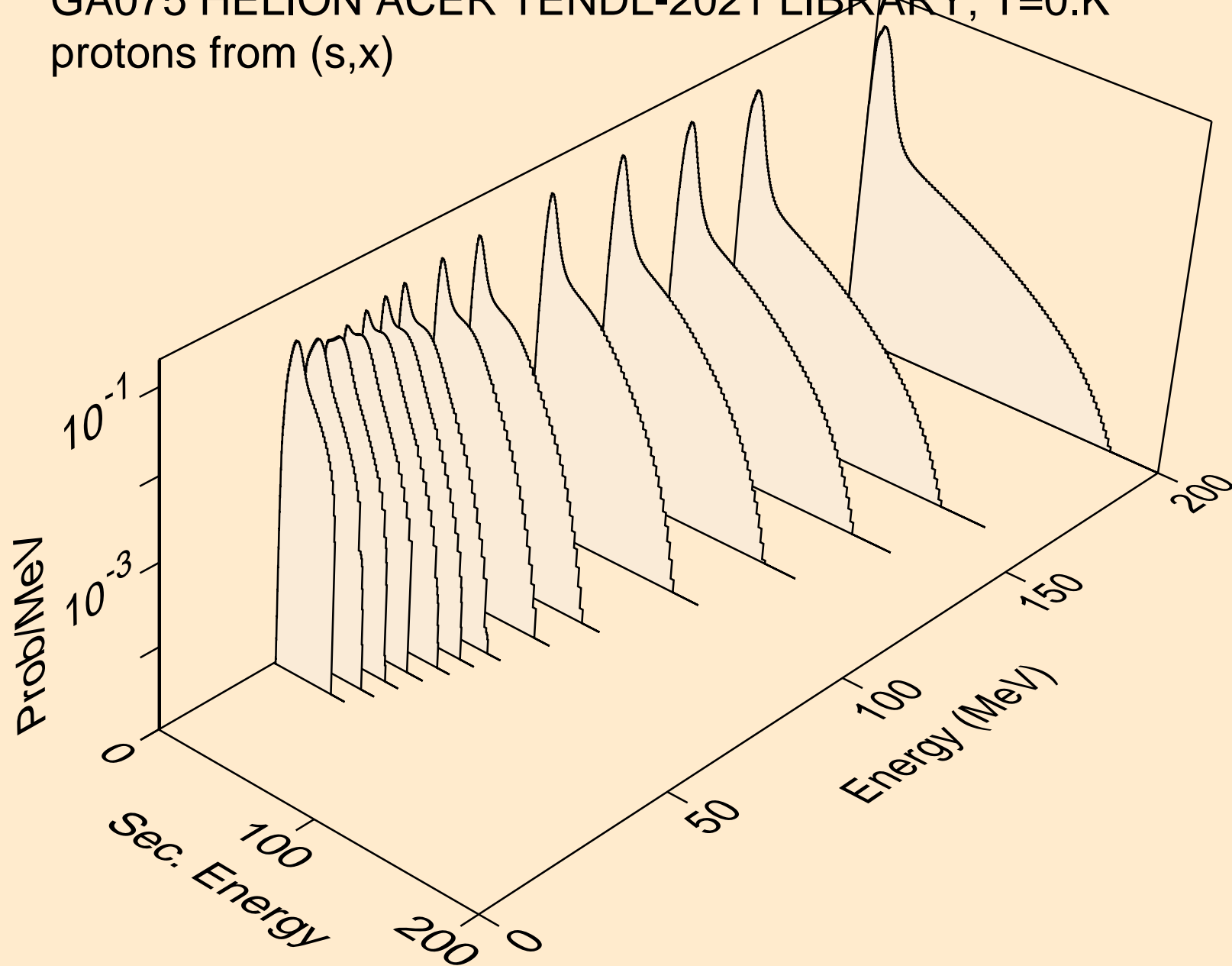
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neutrons from (s,2np)



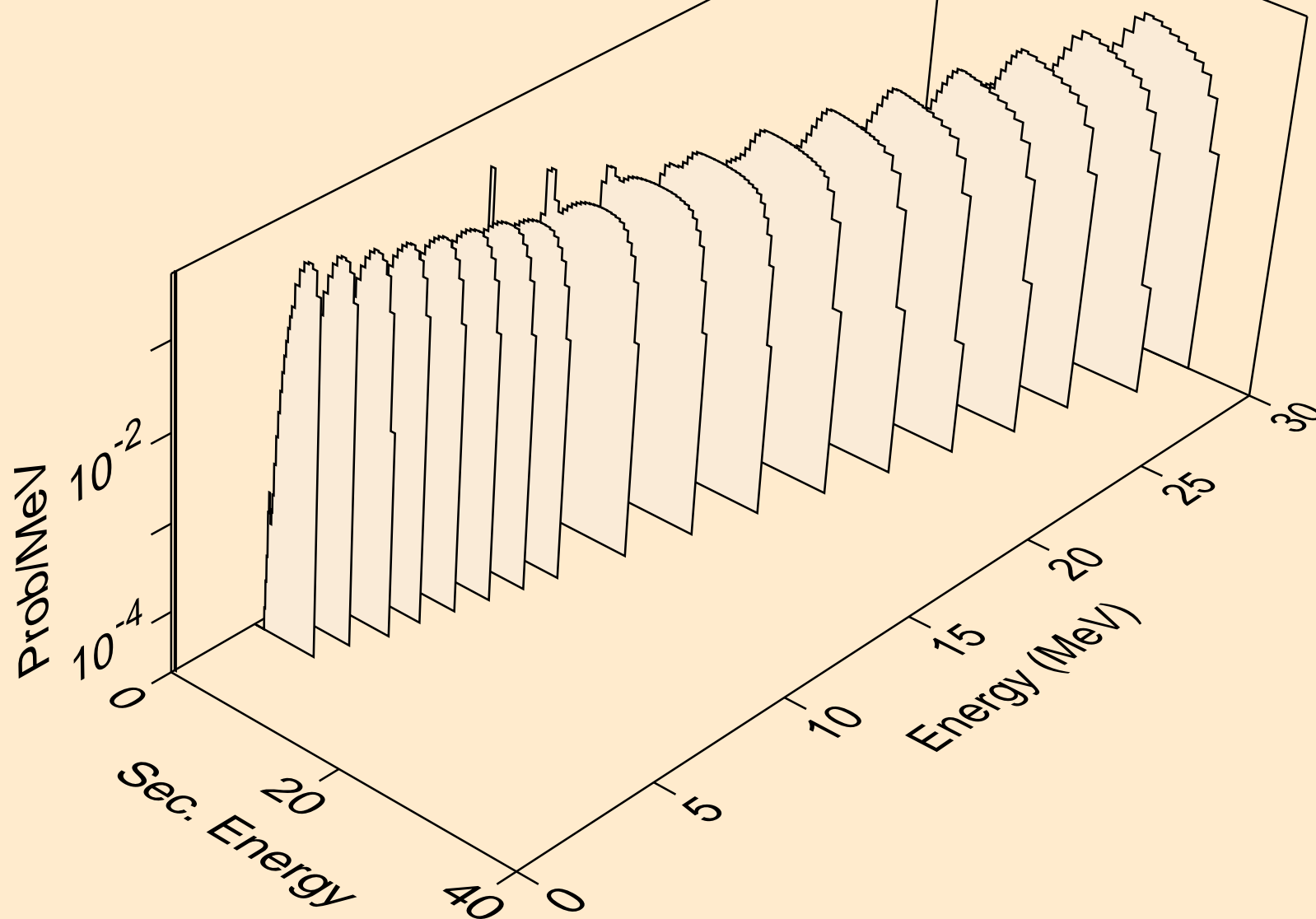
GA075 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,npa)



GA075 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,x)

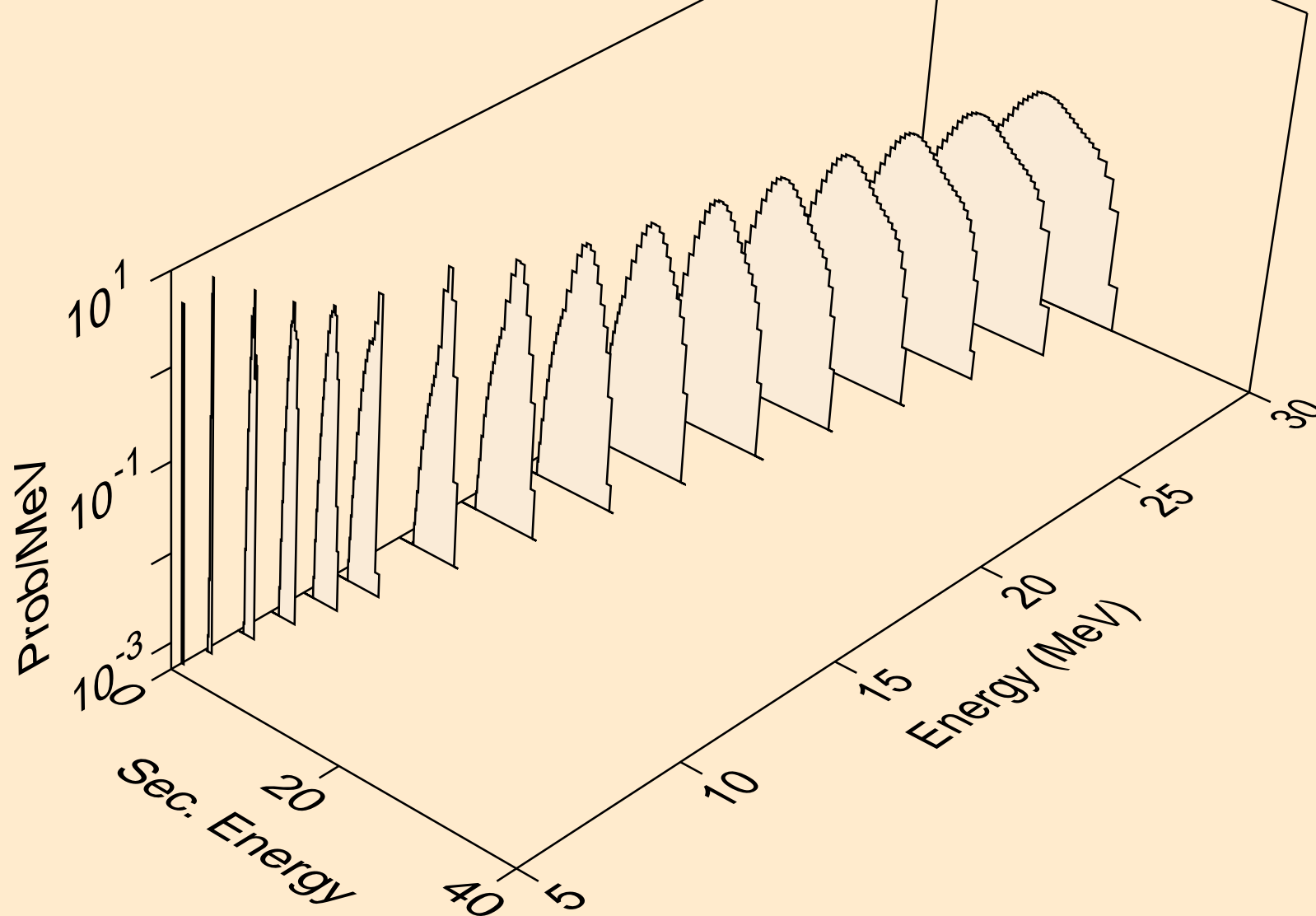


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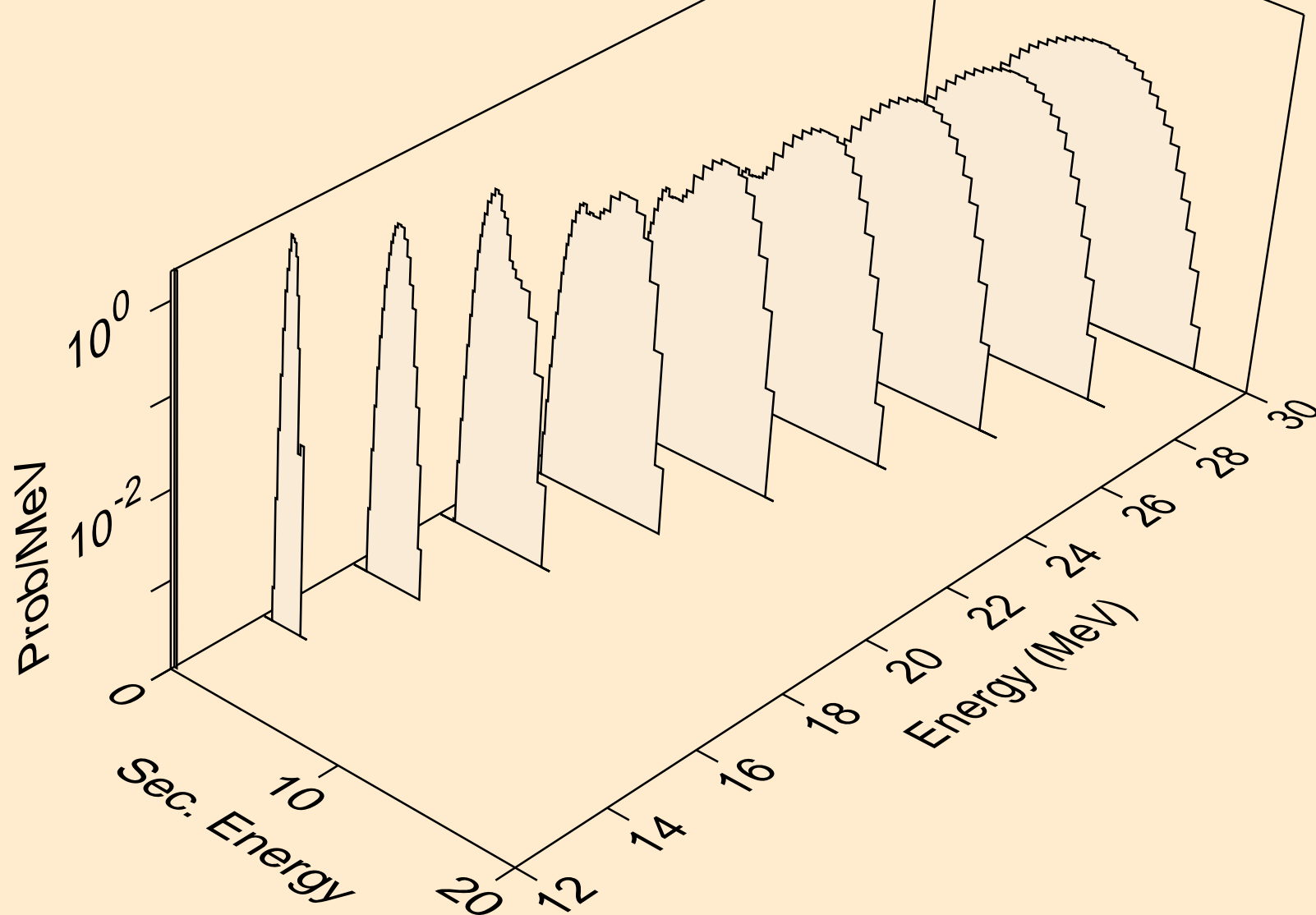




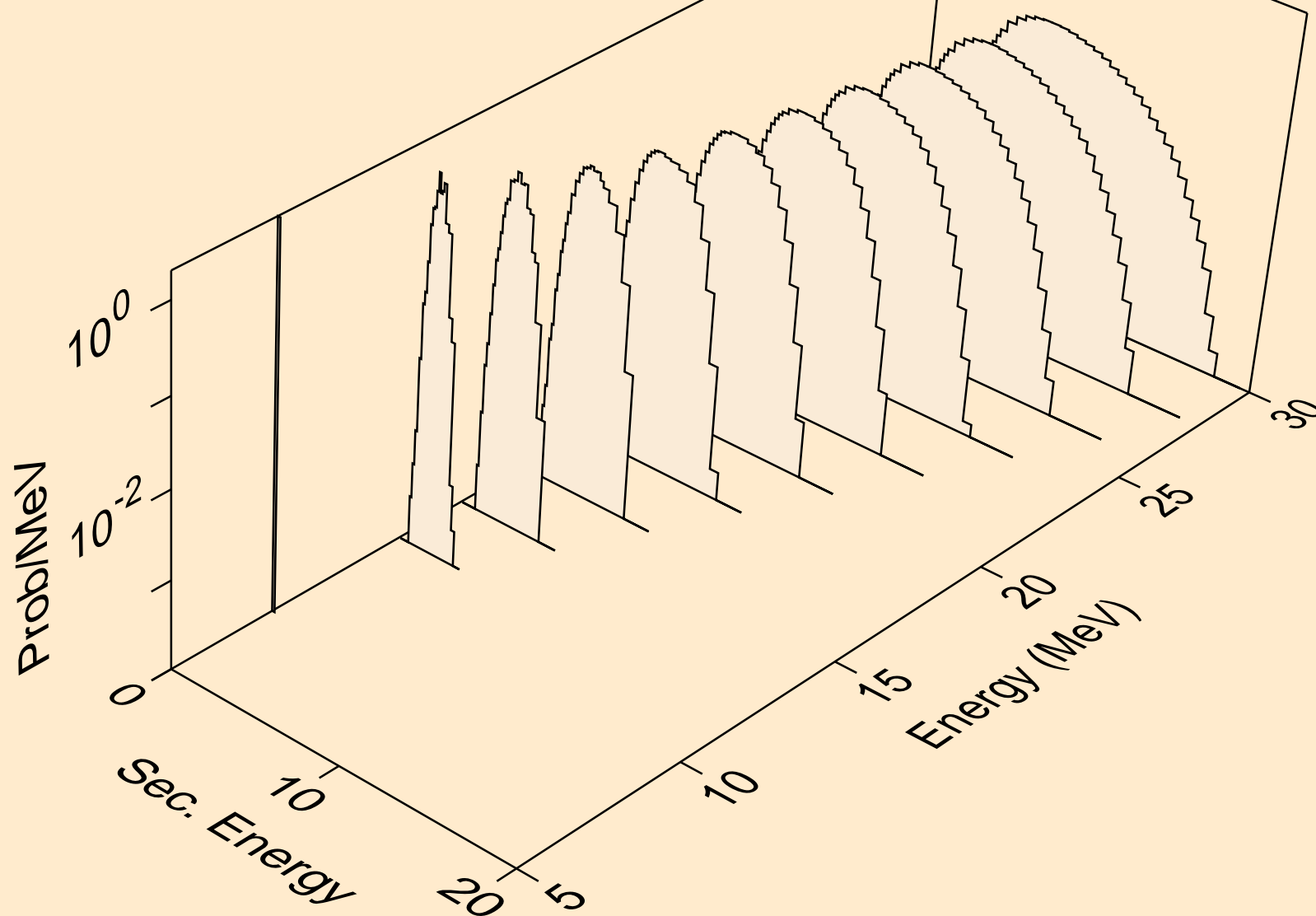
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protons from (s,2np)



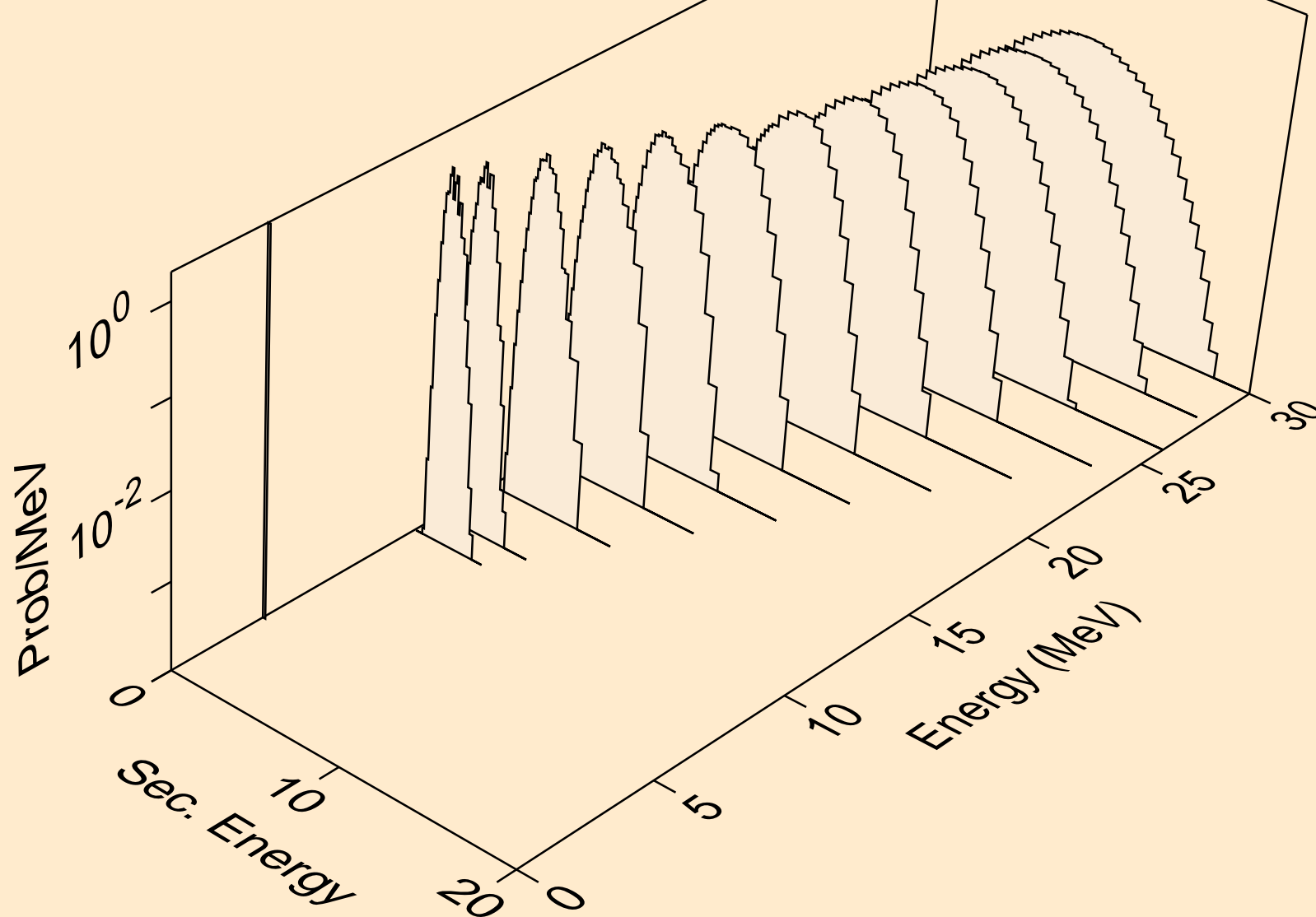
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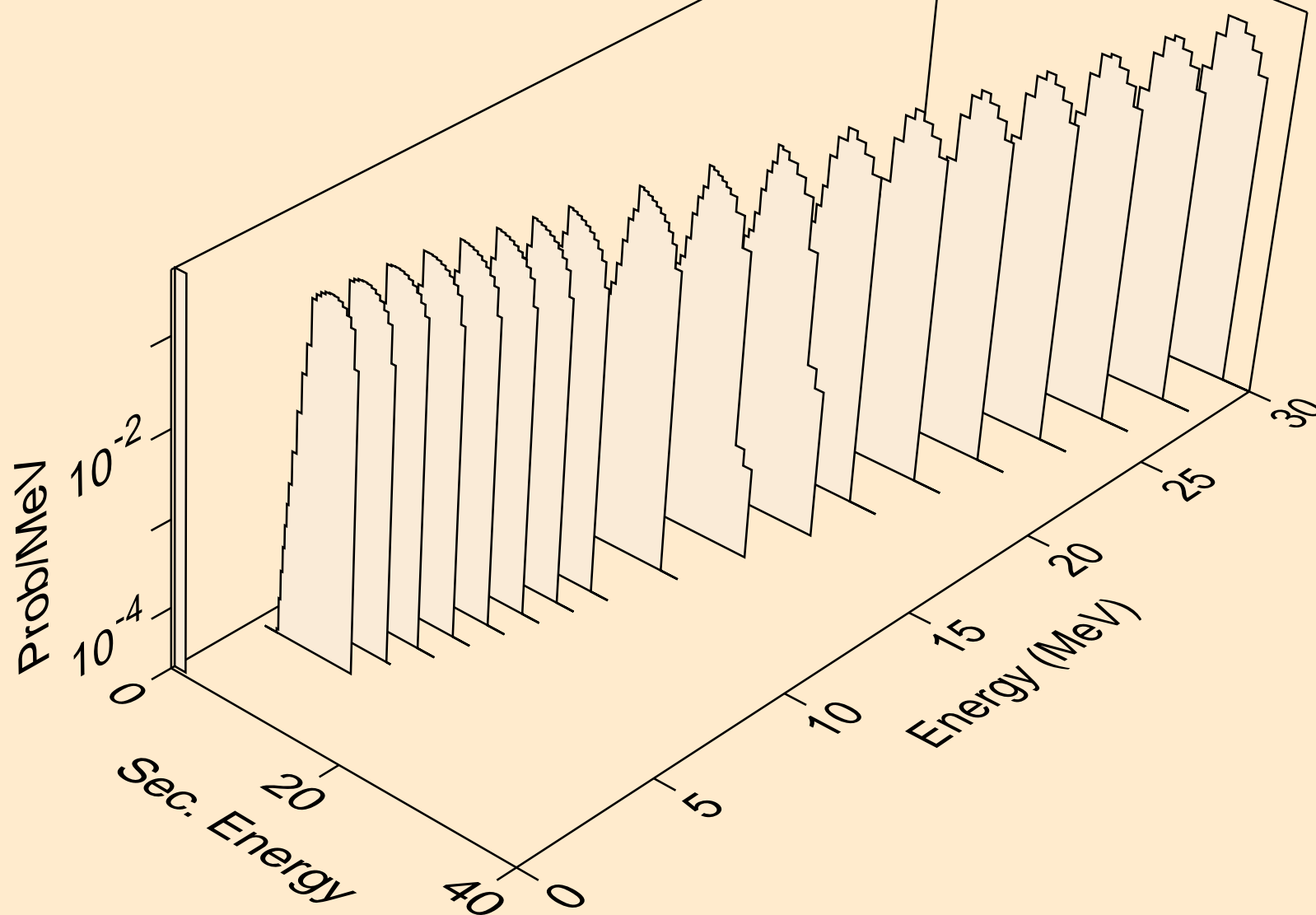
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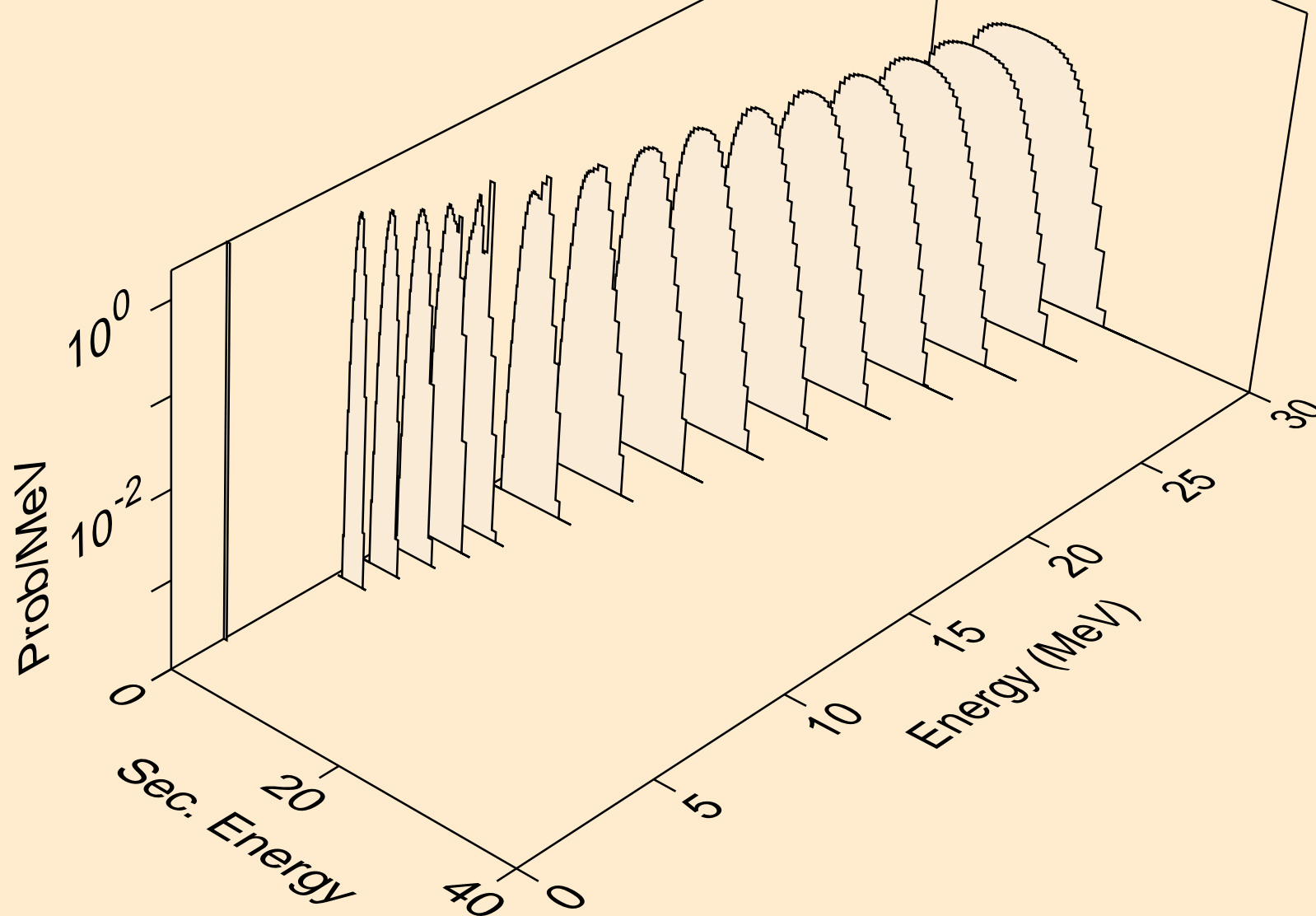
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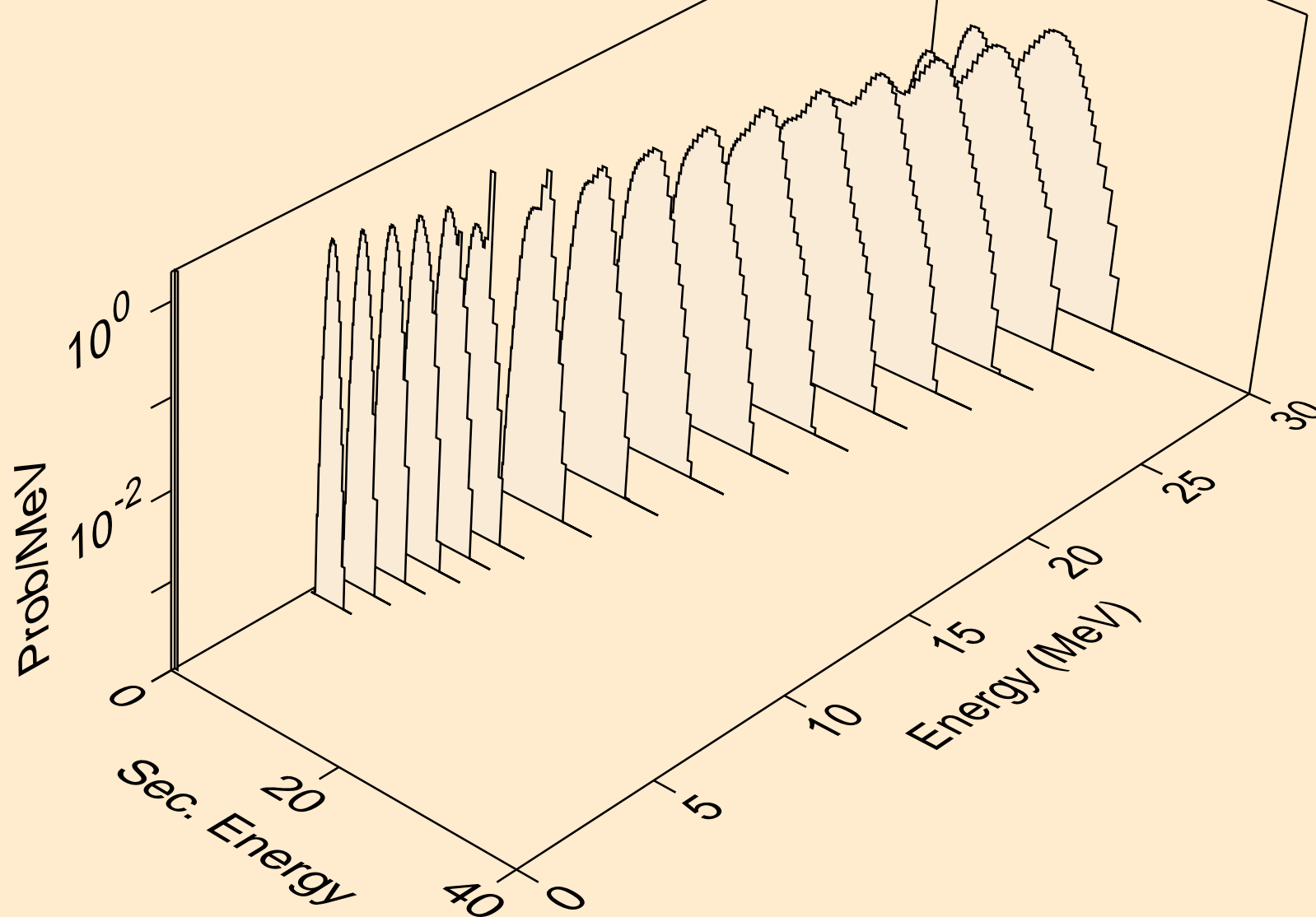
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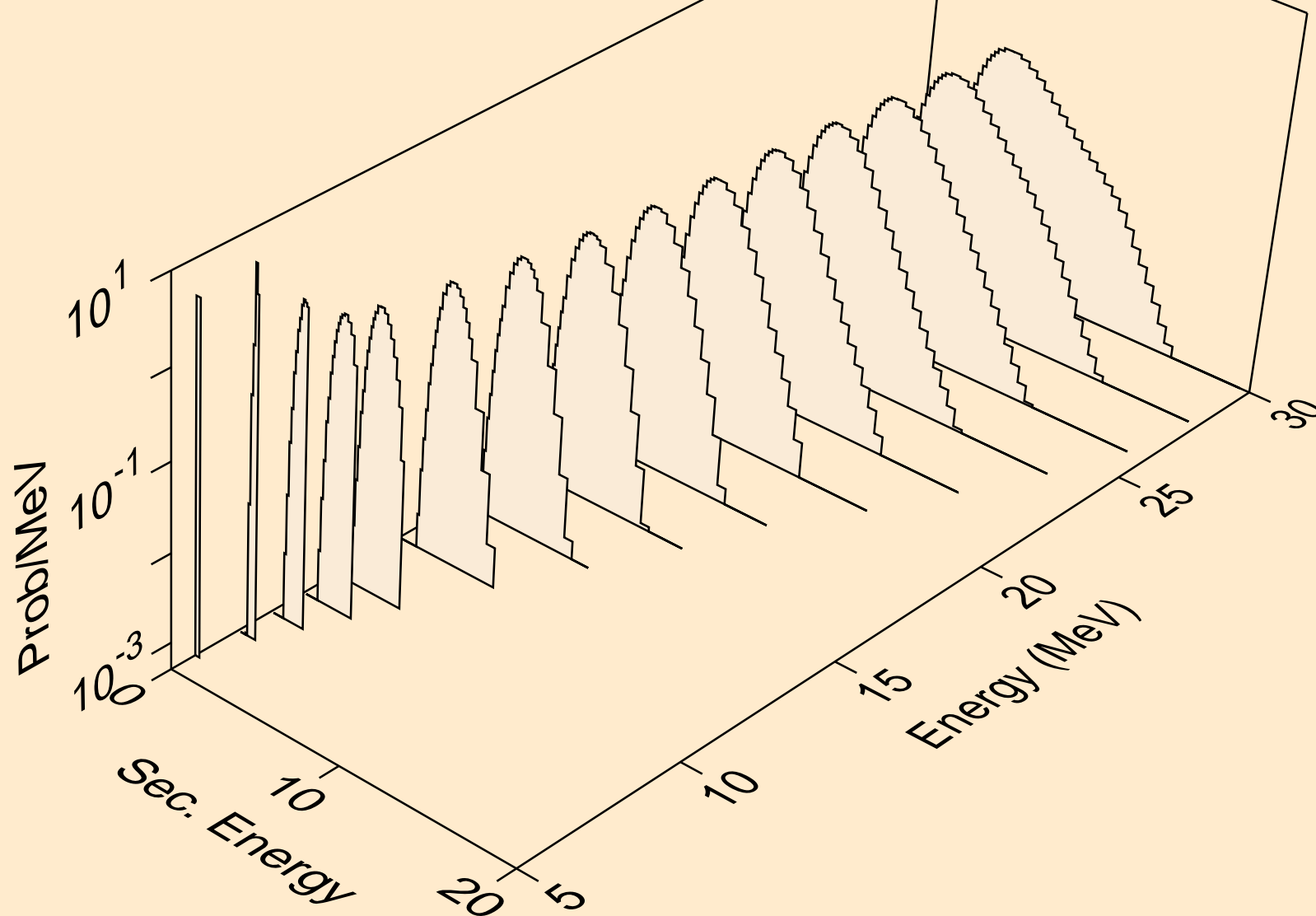
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protons from (s,2p)



GA075 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pa)

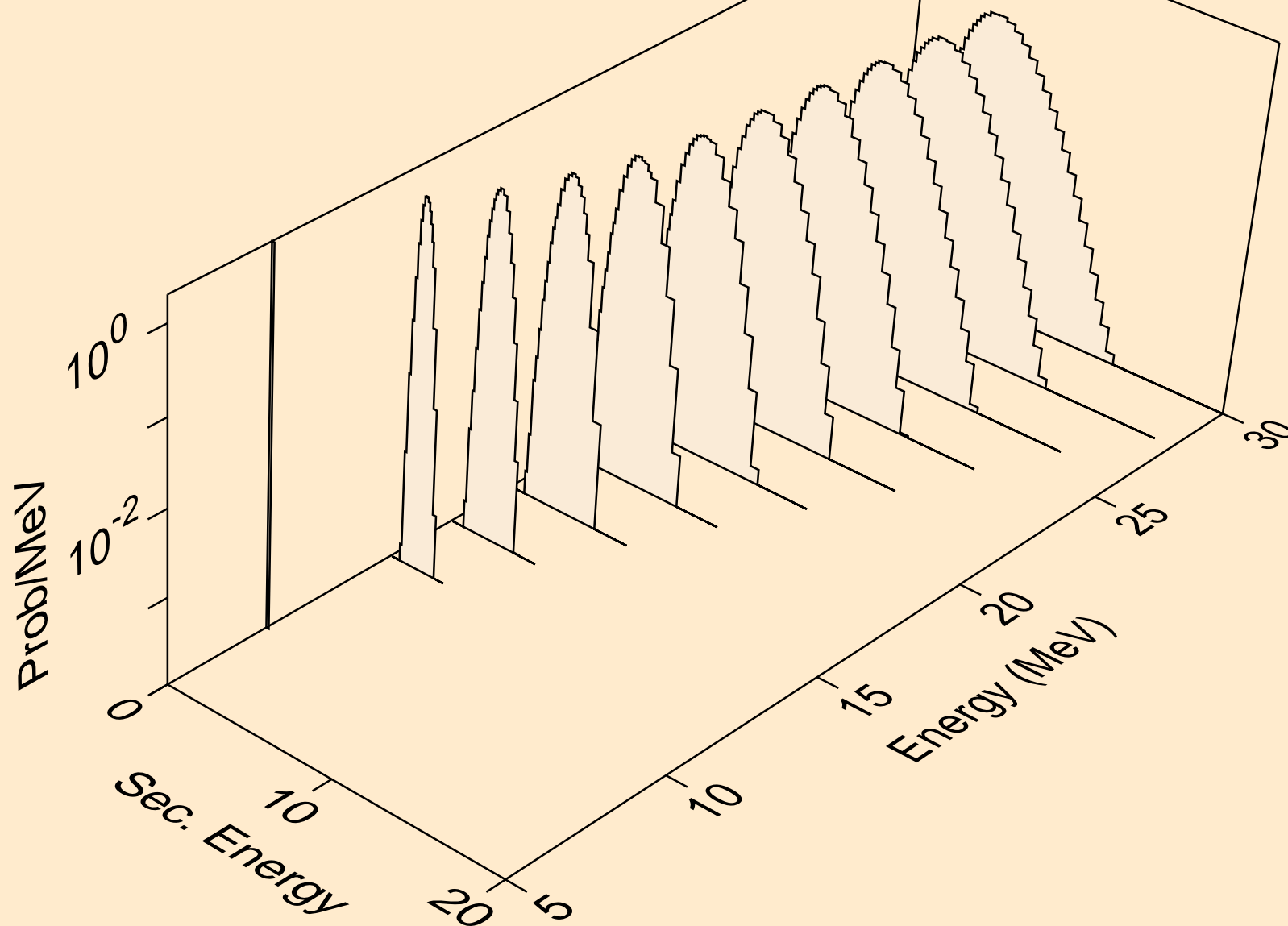


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protons from (s,pd)

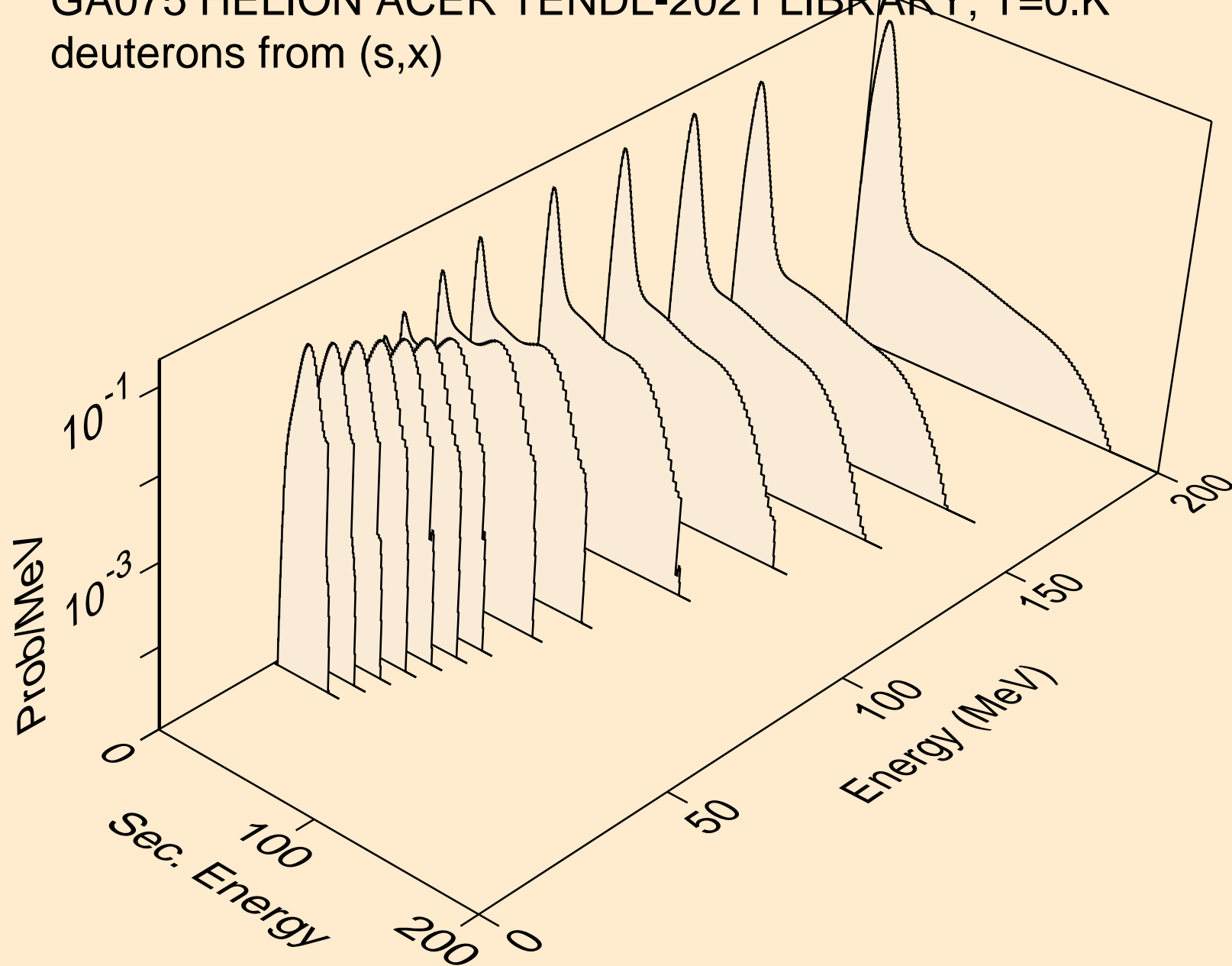




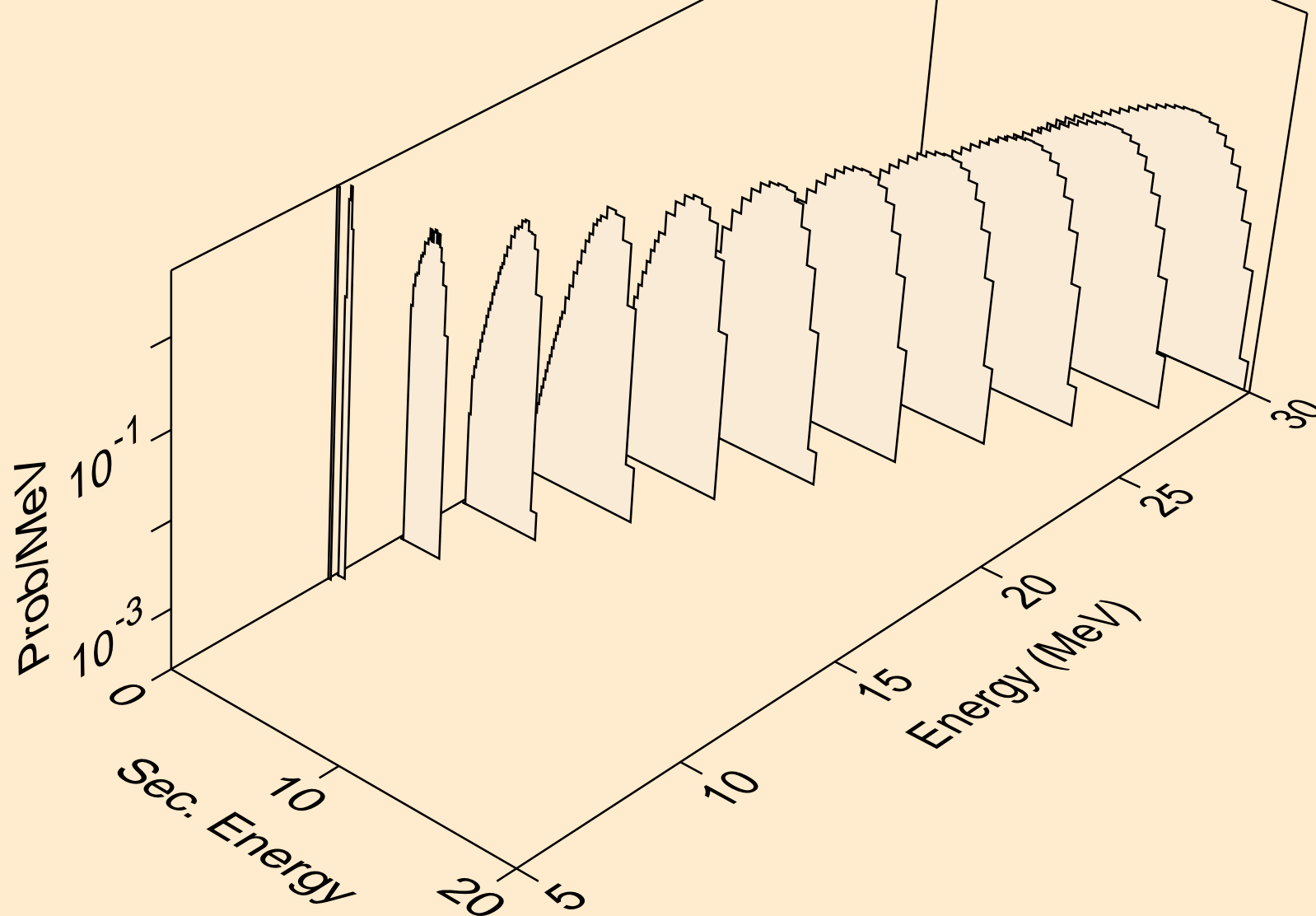
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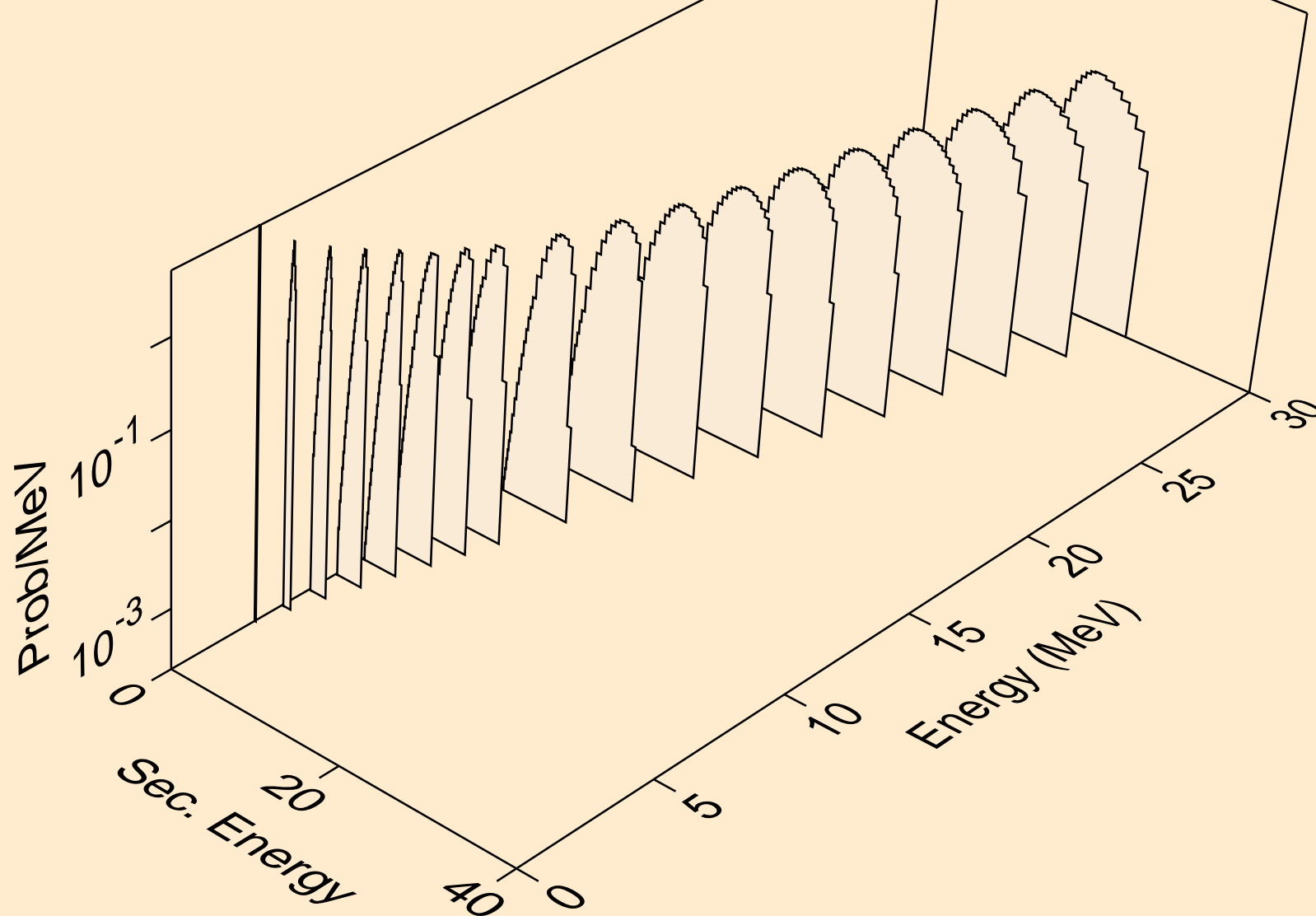
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deuterons from (s,x)



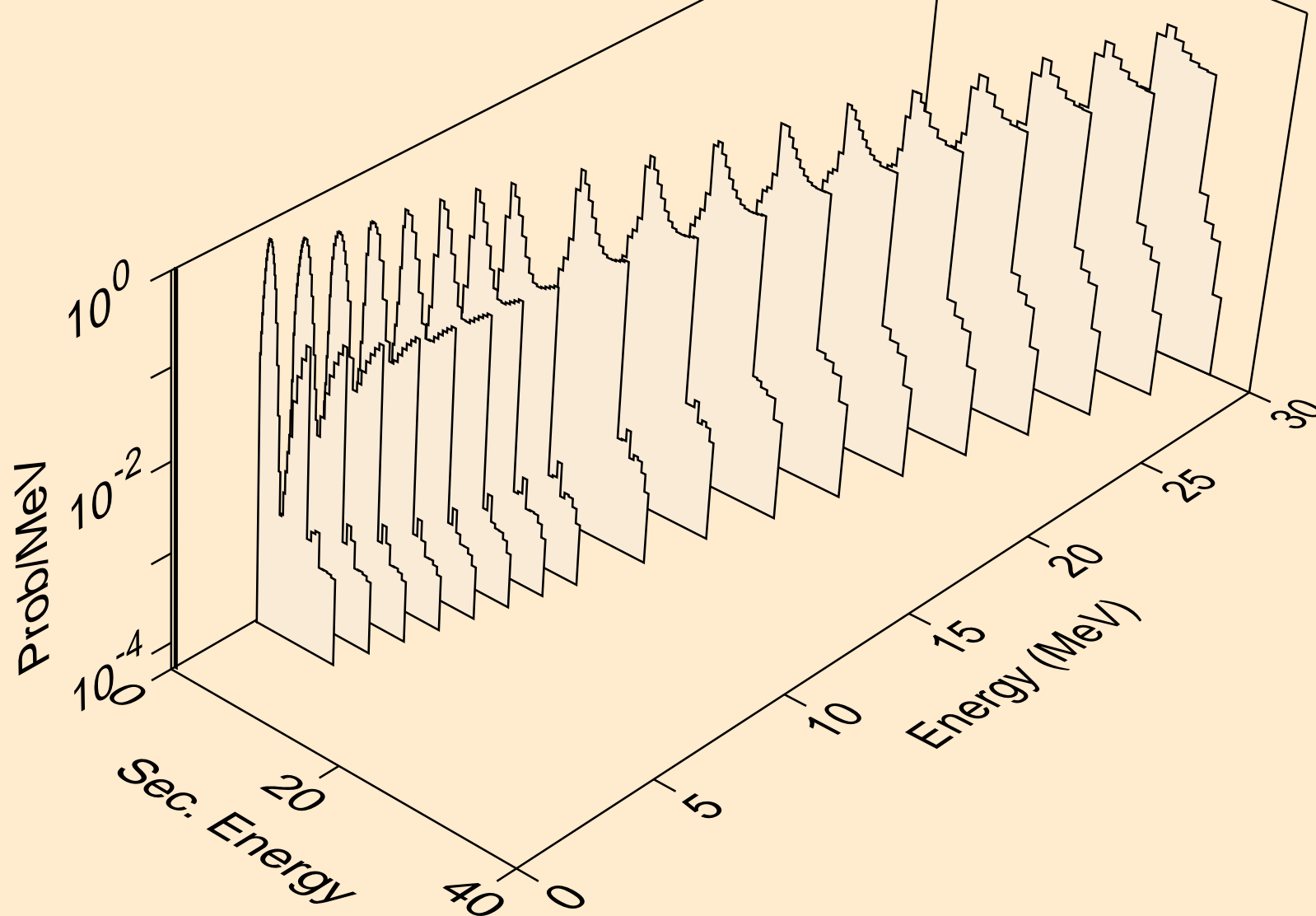
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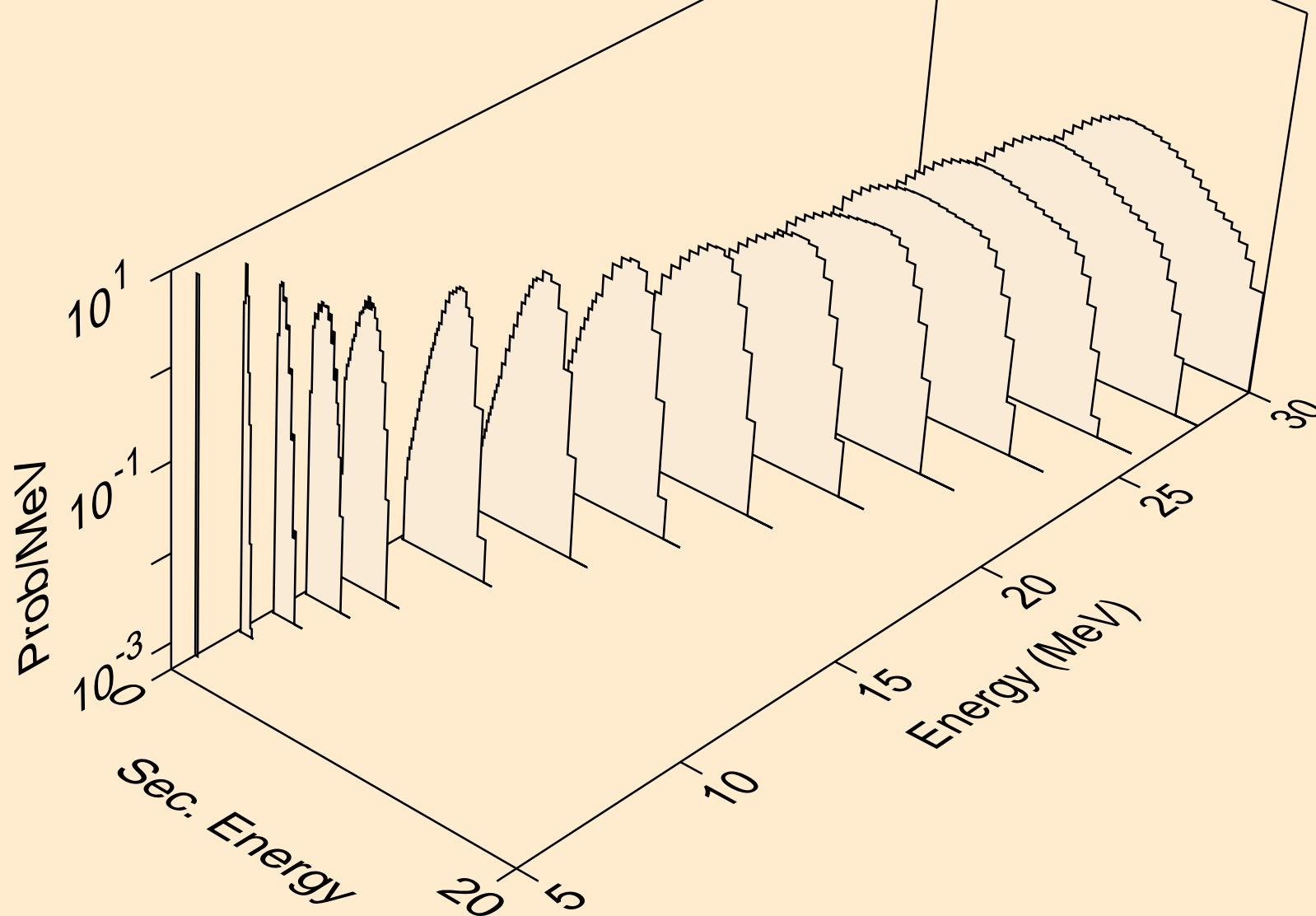
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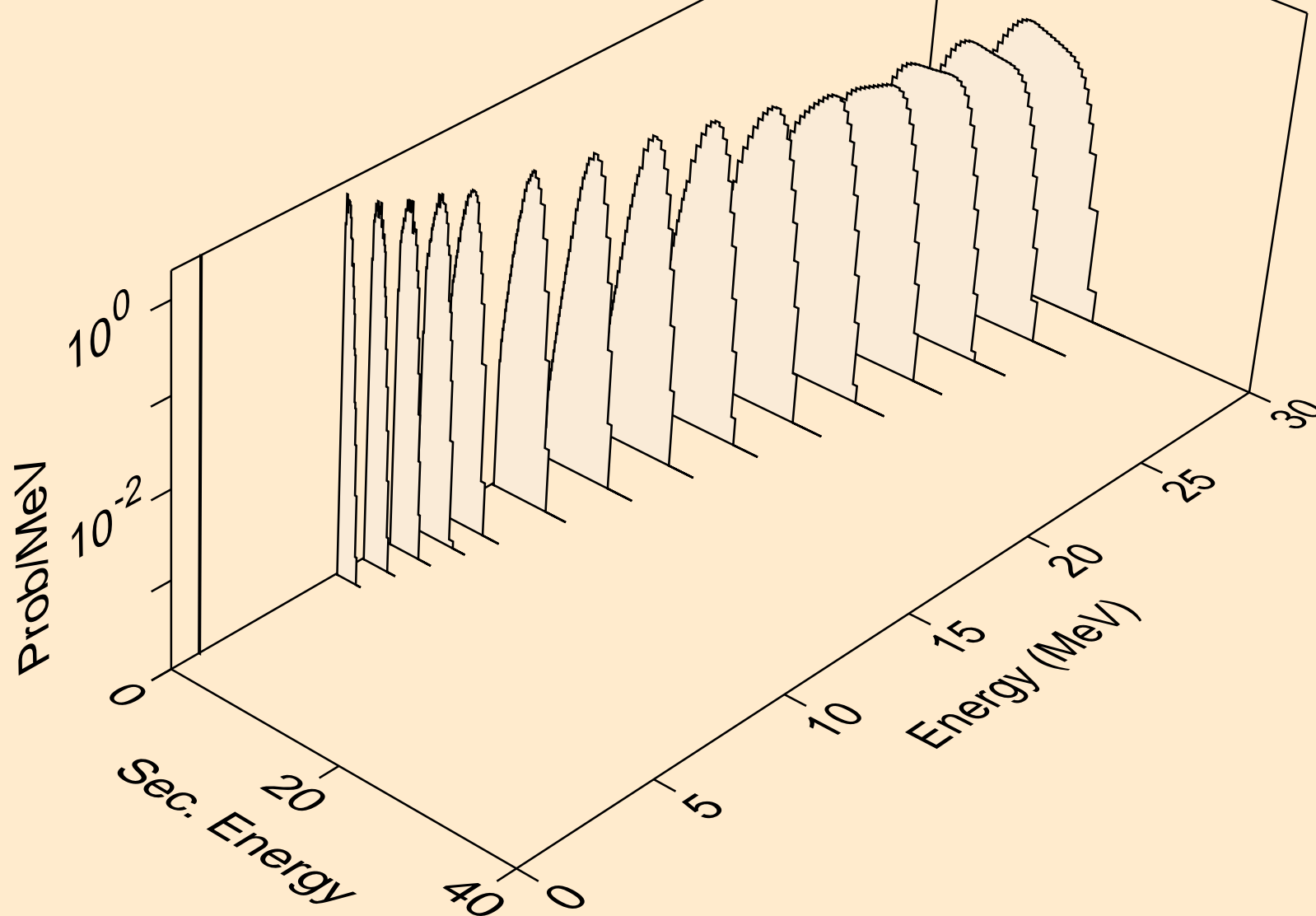
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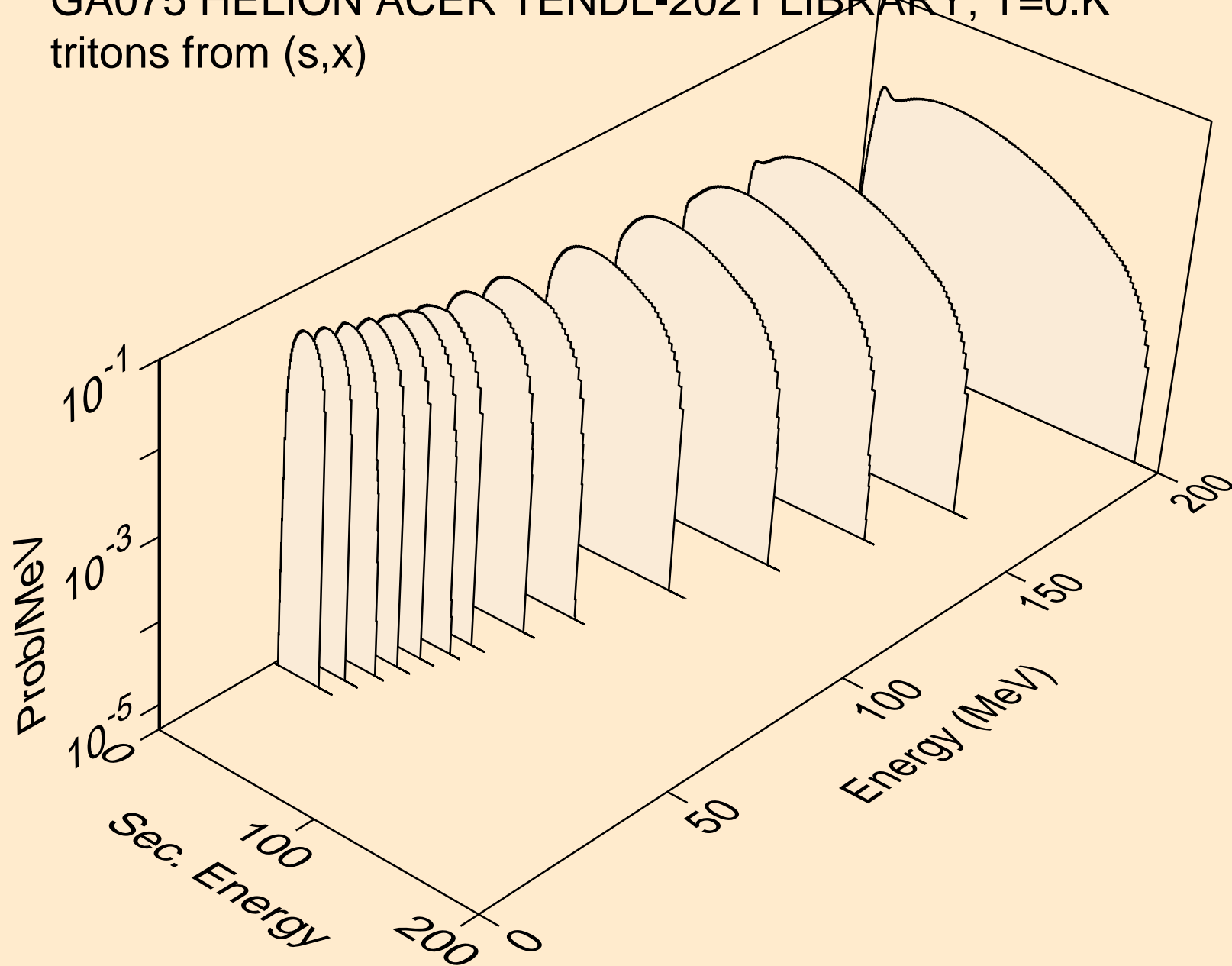
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deuterons from (s,pd)



GA075 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,da)

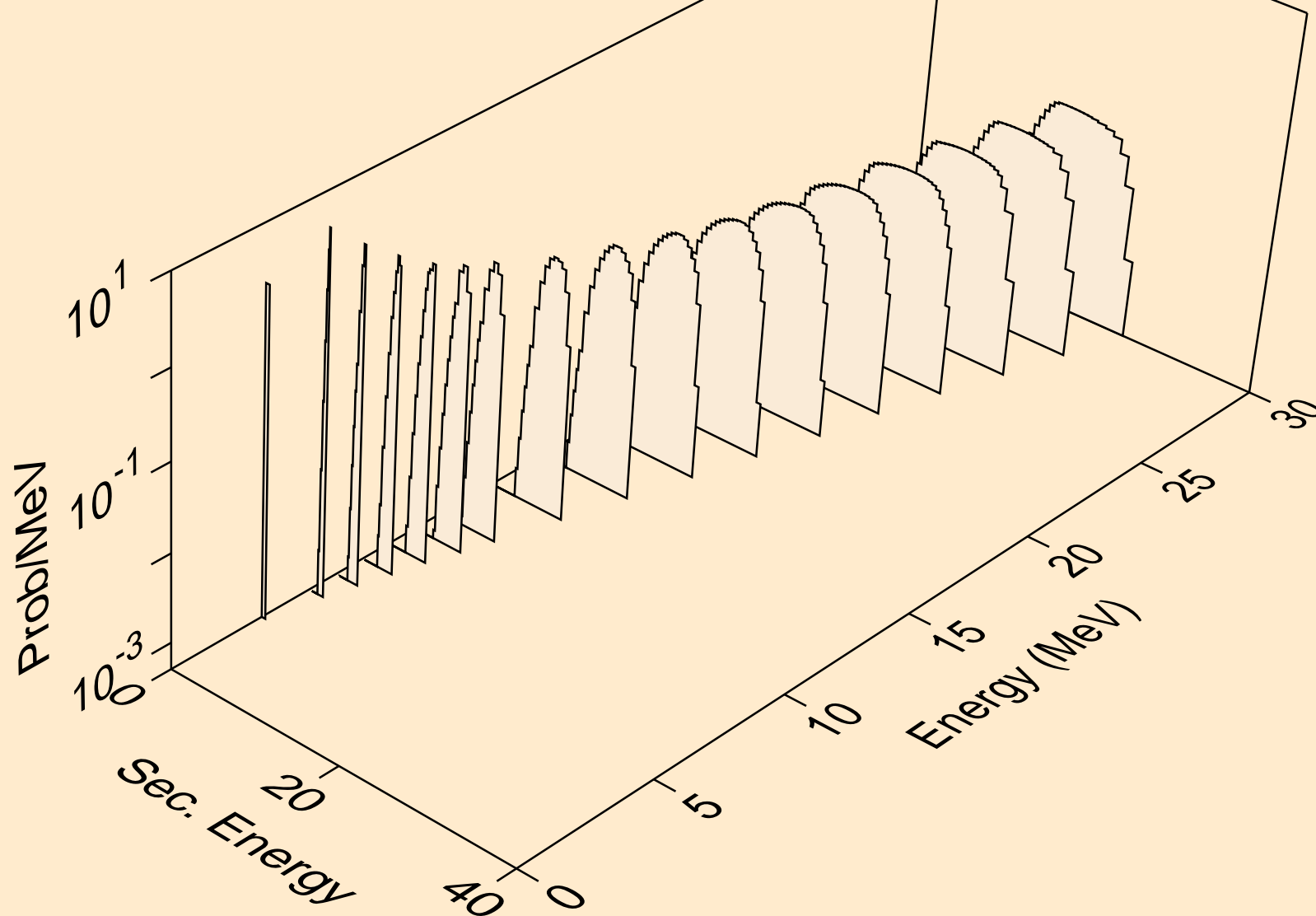


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tritons from (s,x)

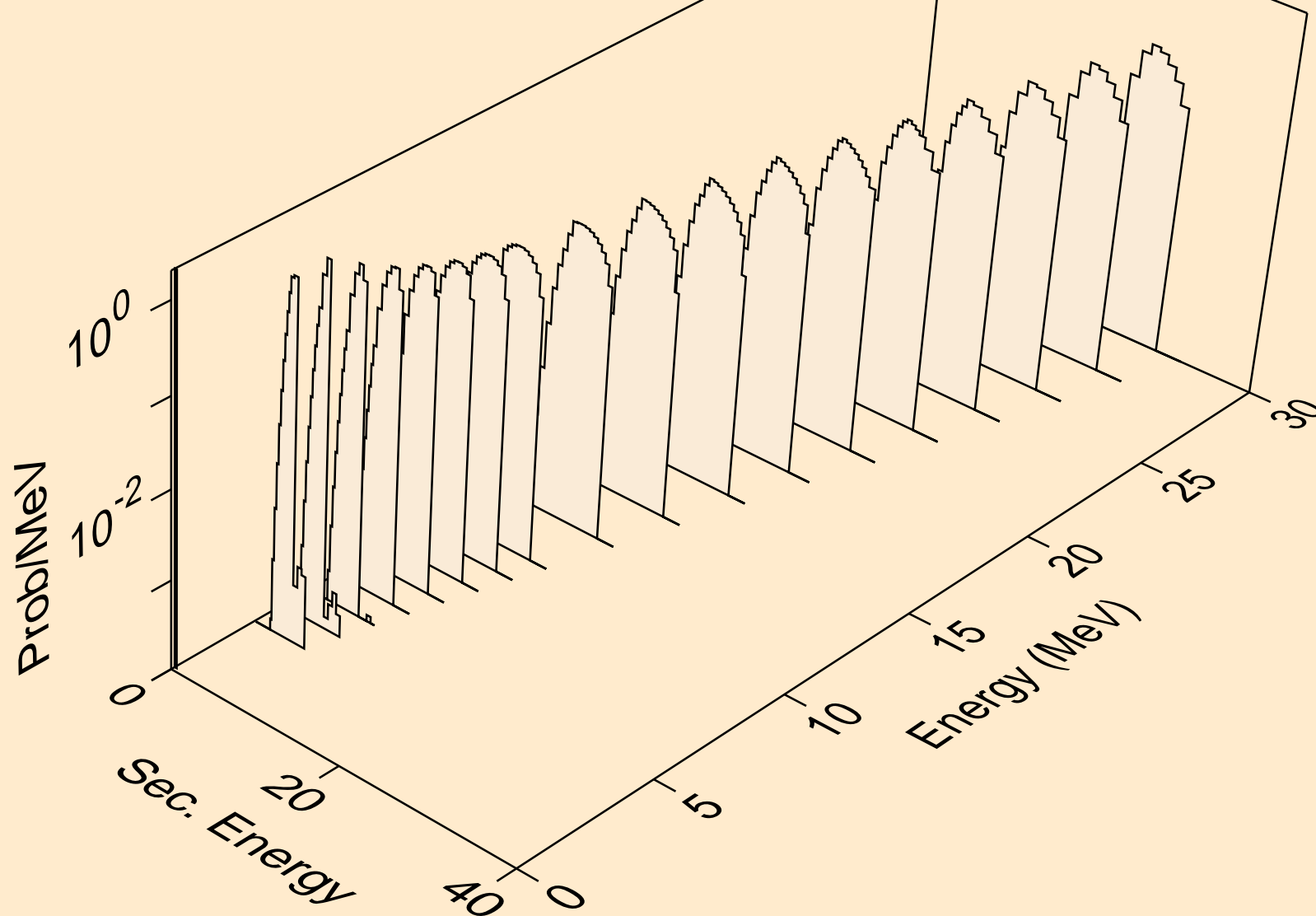




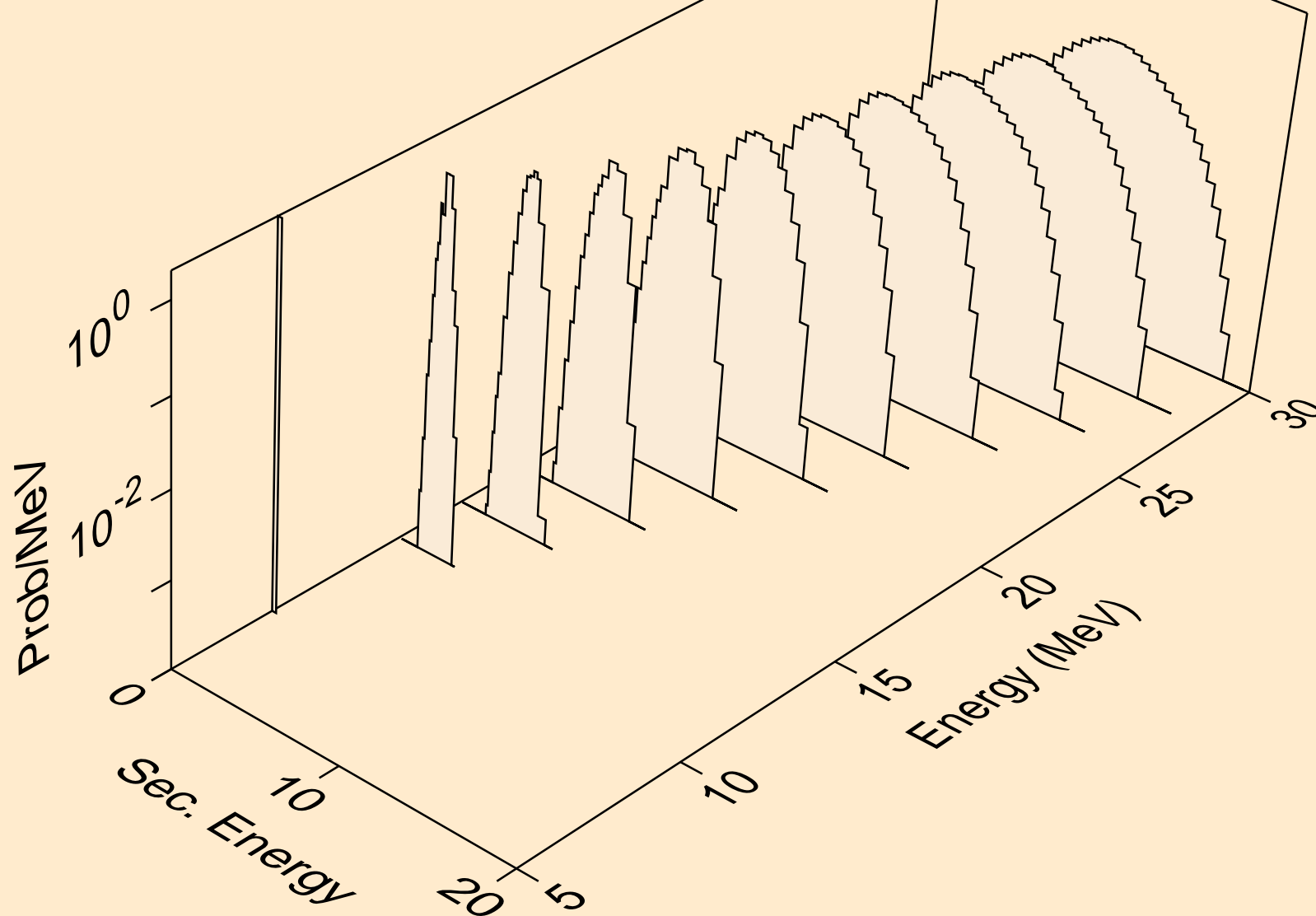
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tritons from (s,n\*)t



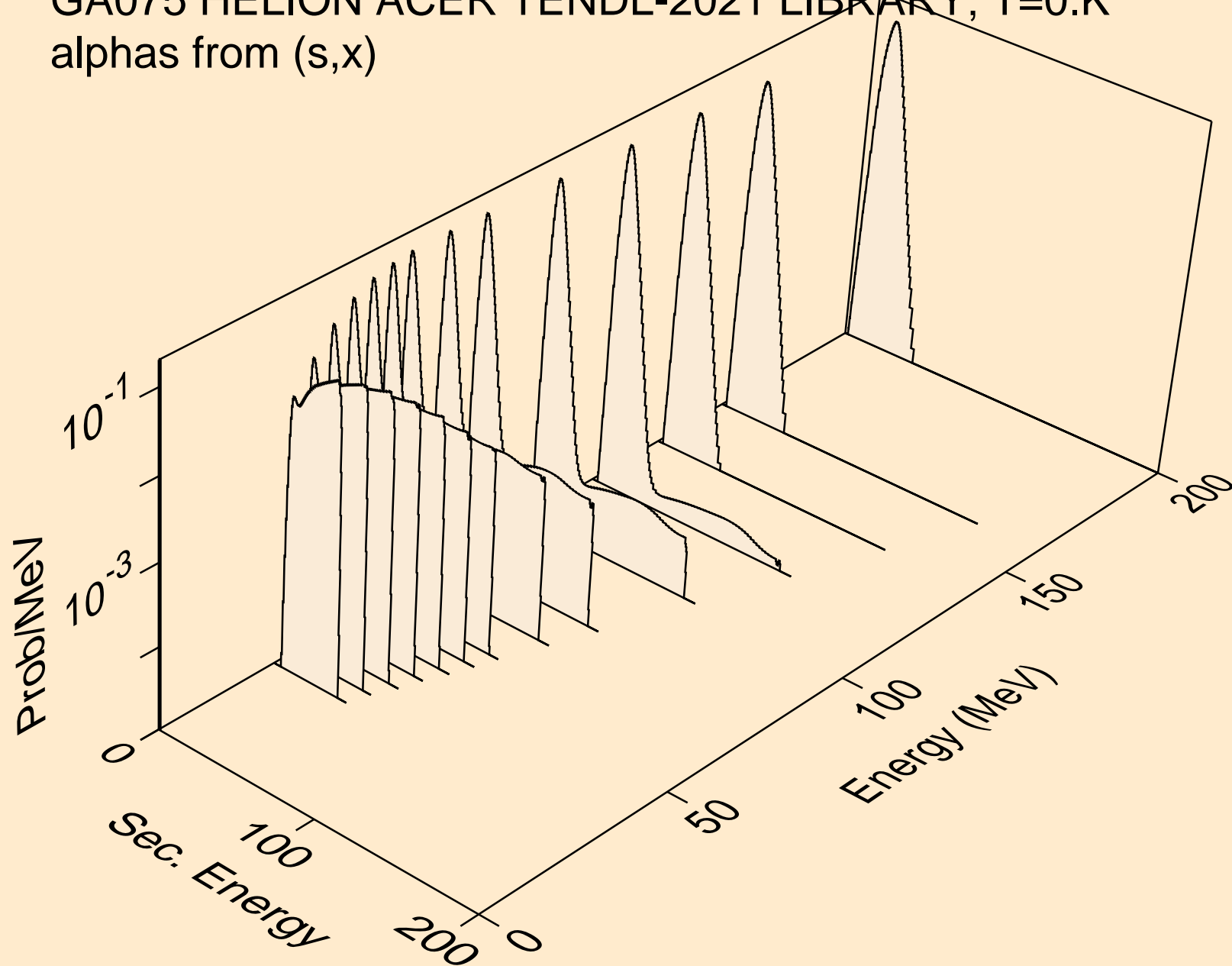
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tritons from (s,t)



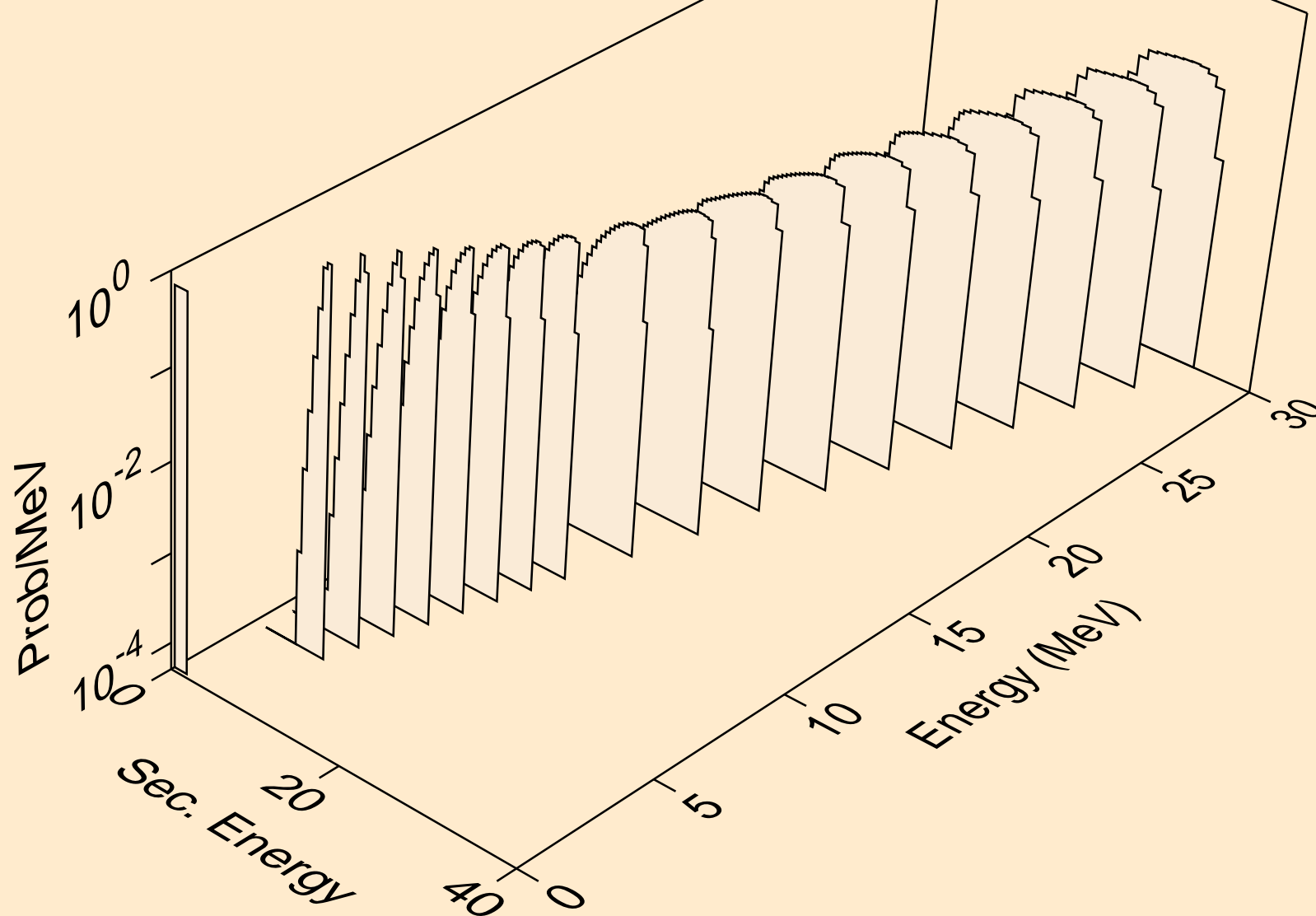
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tritons from (s,pt)



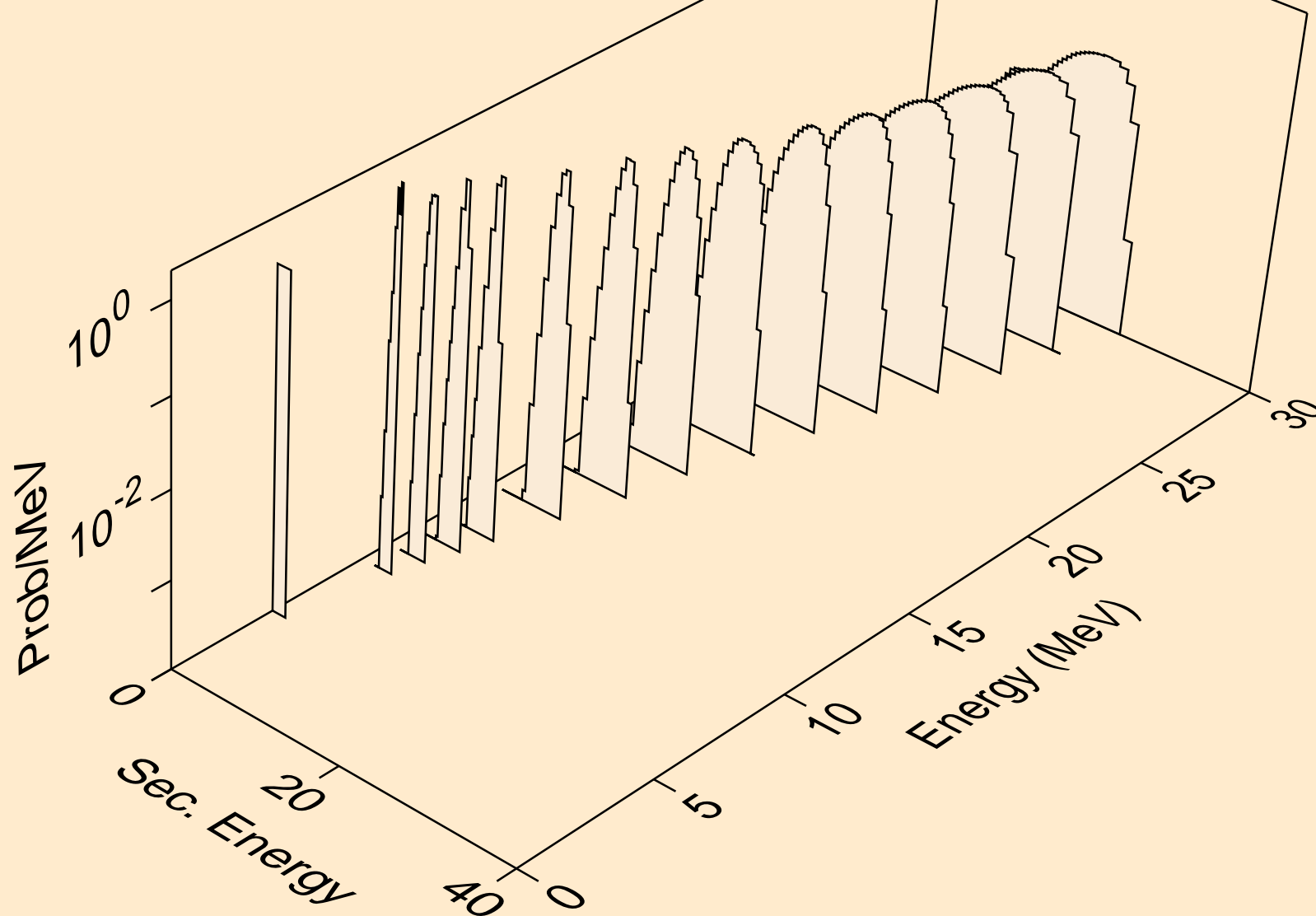
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alphas from (s,x)



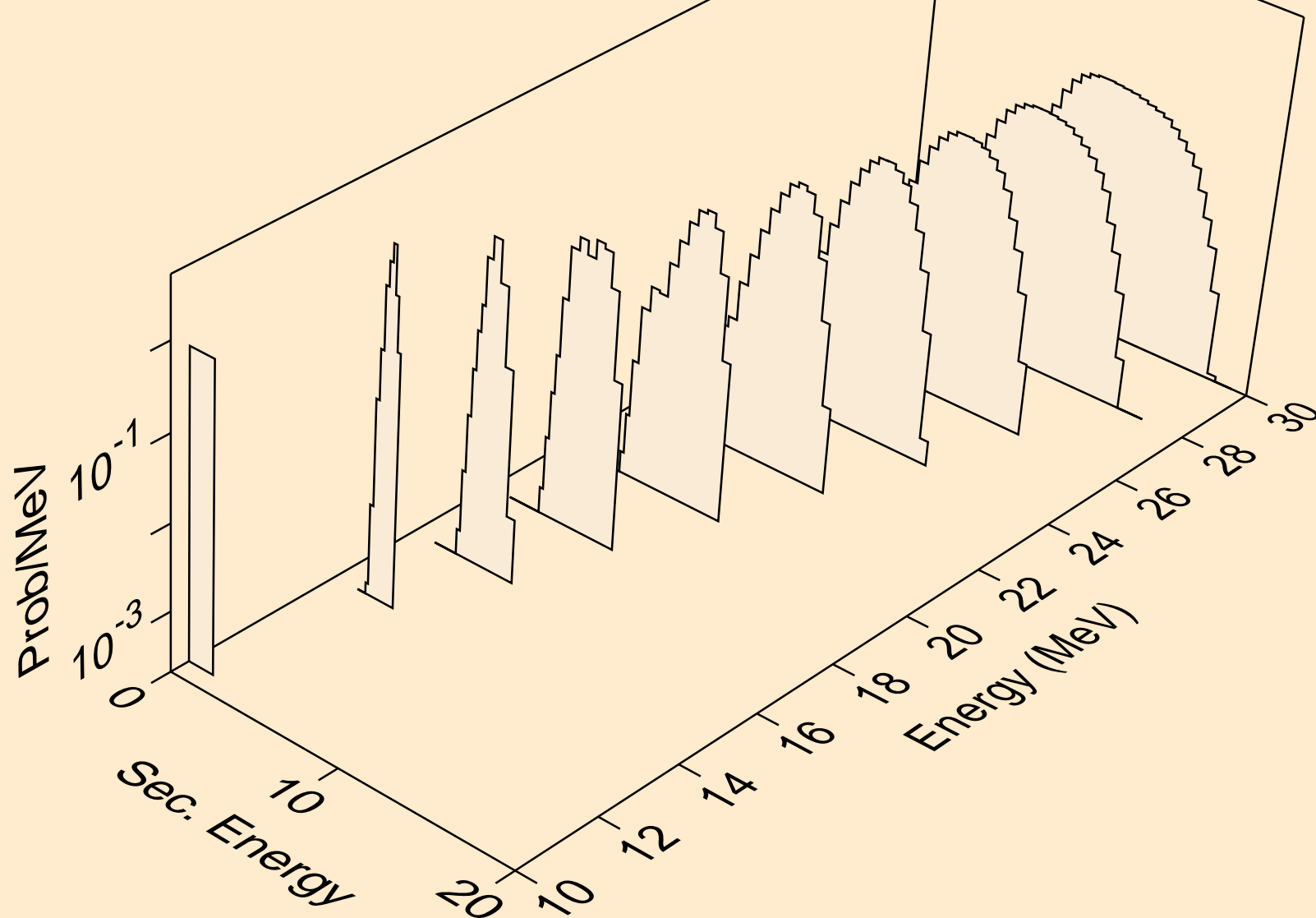
GA075 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)a



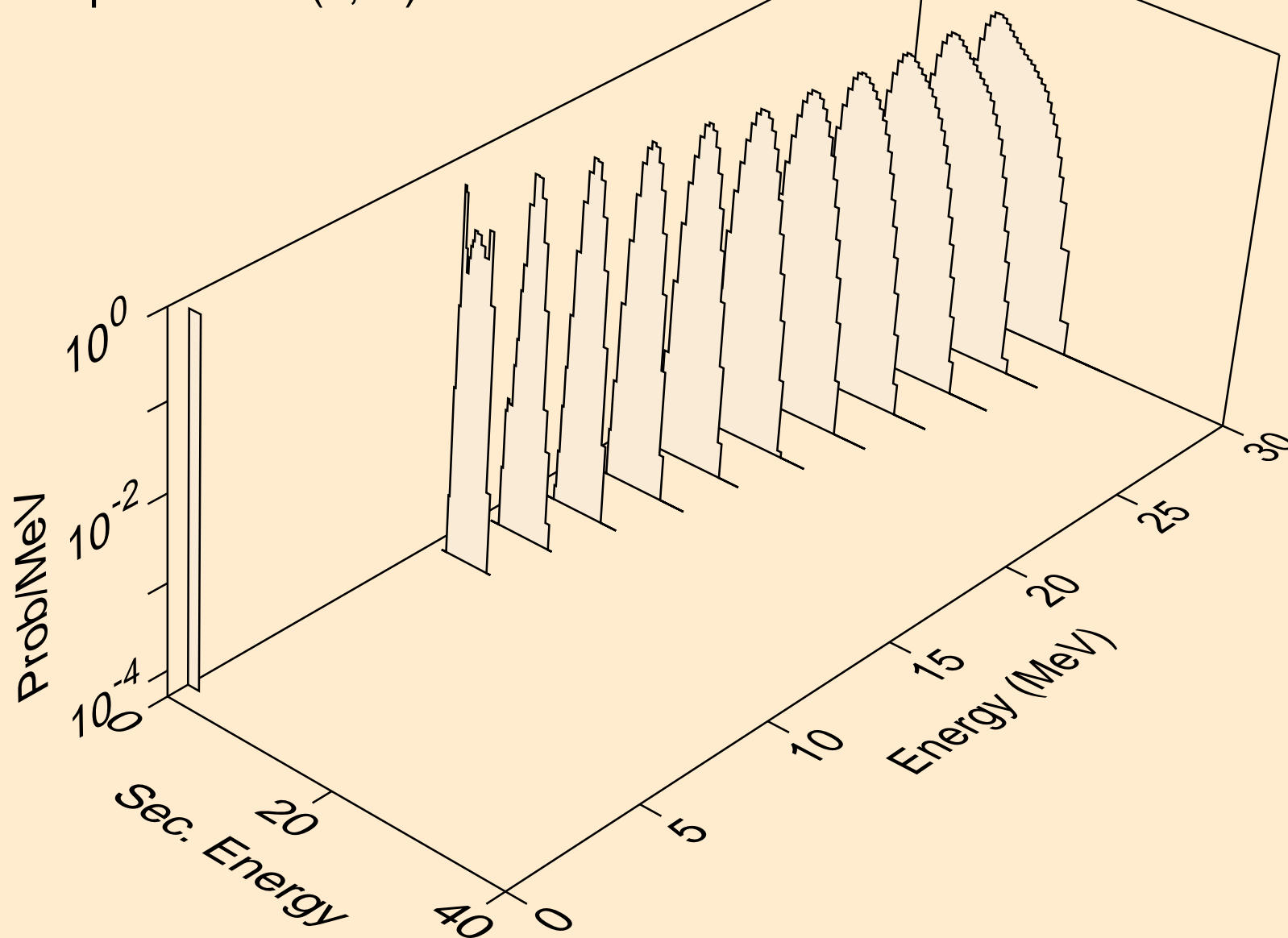
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alphas from (s,3n)a

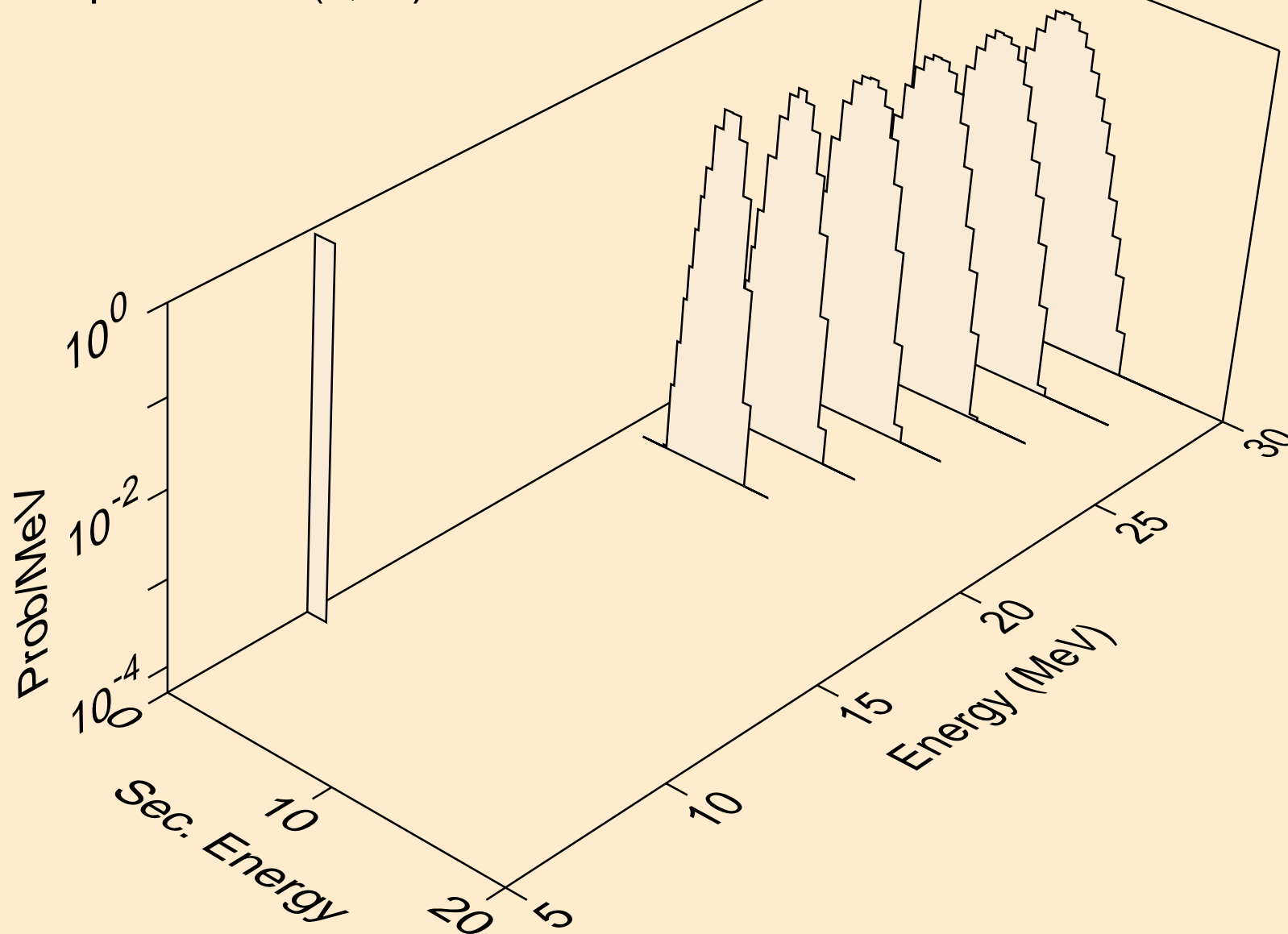


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alphas from (s,n\*)2a

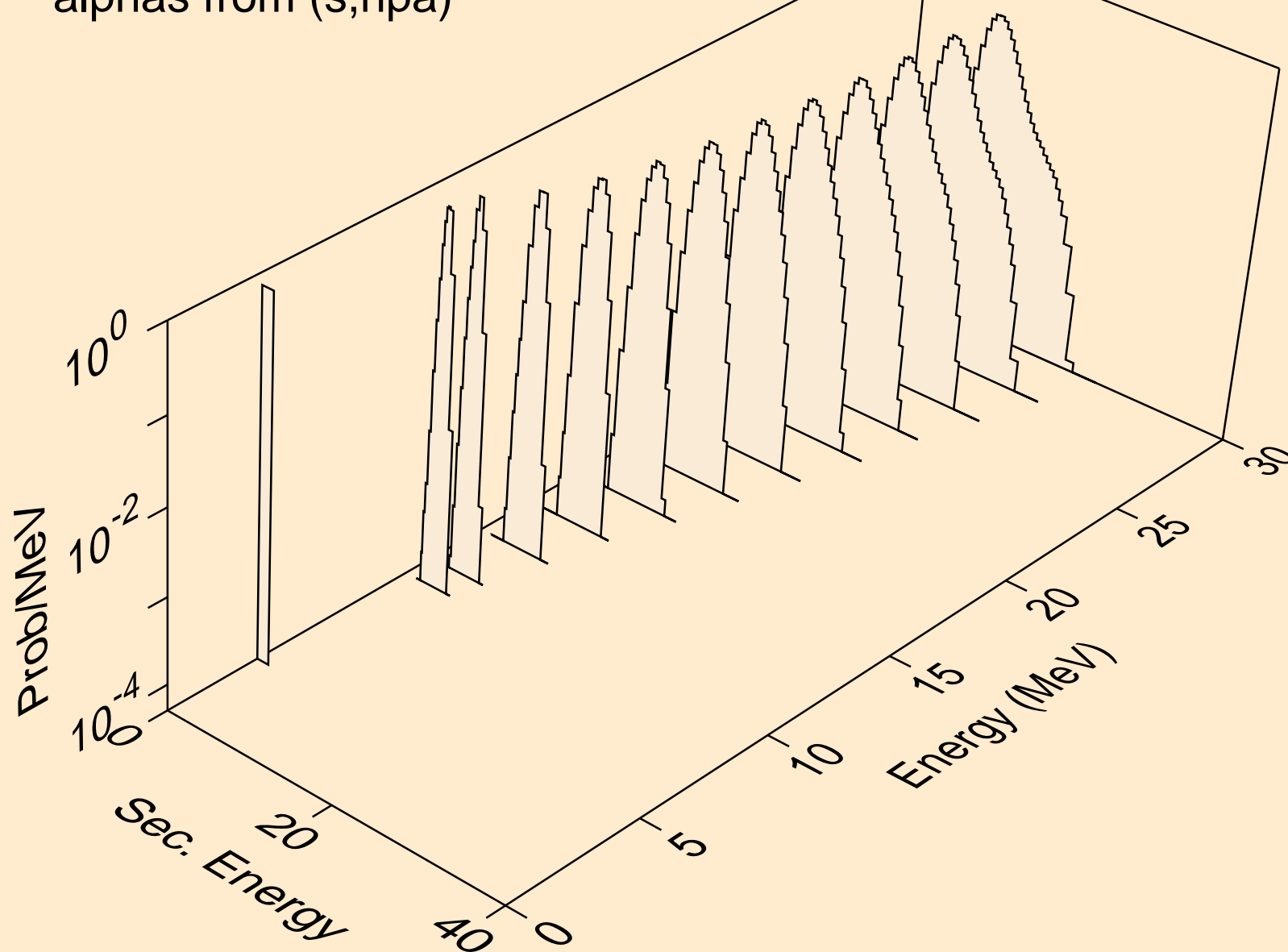




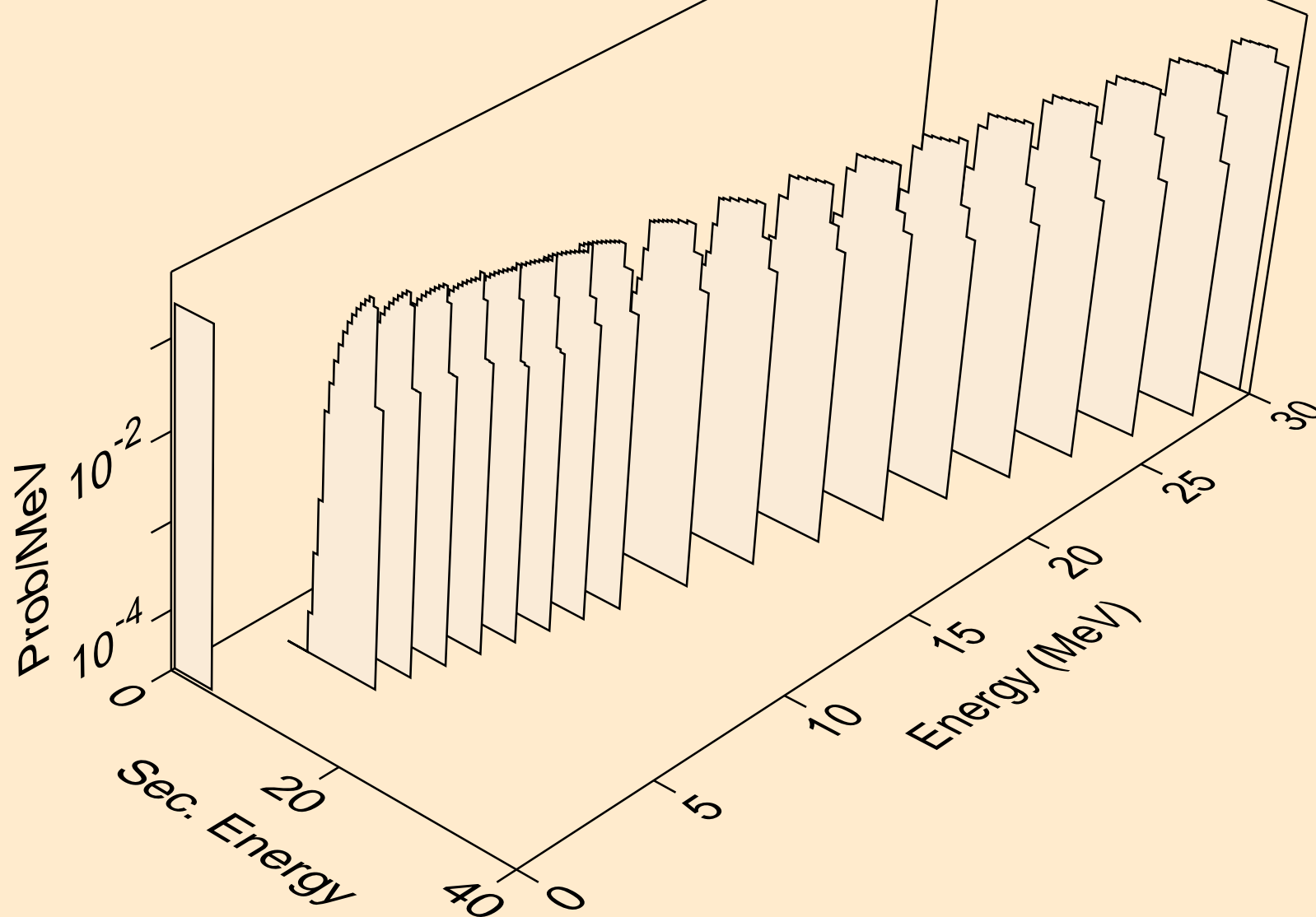
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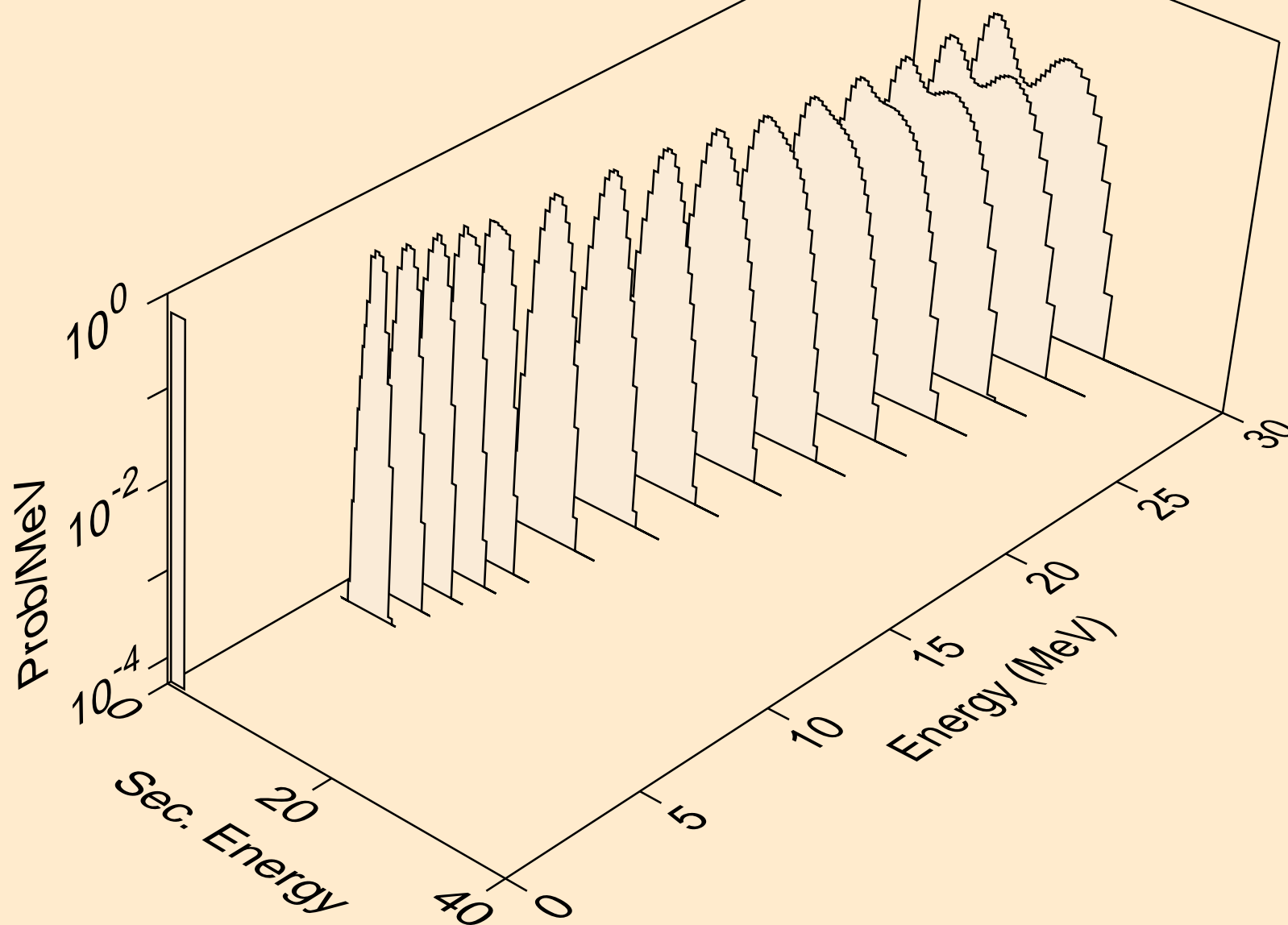
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alphas from (s,npa)



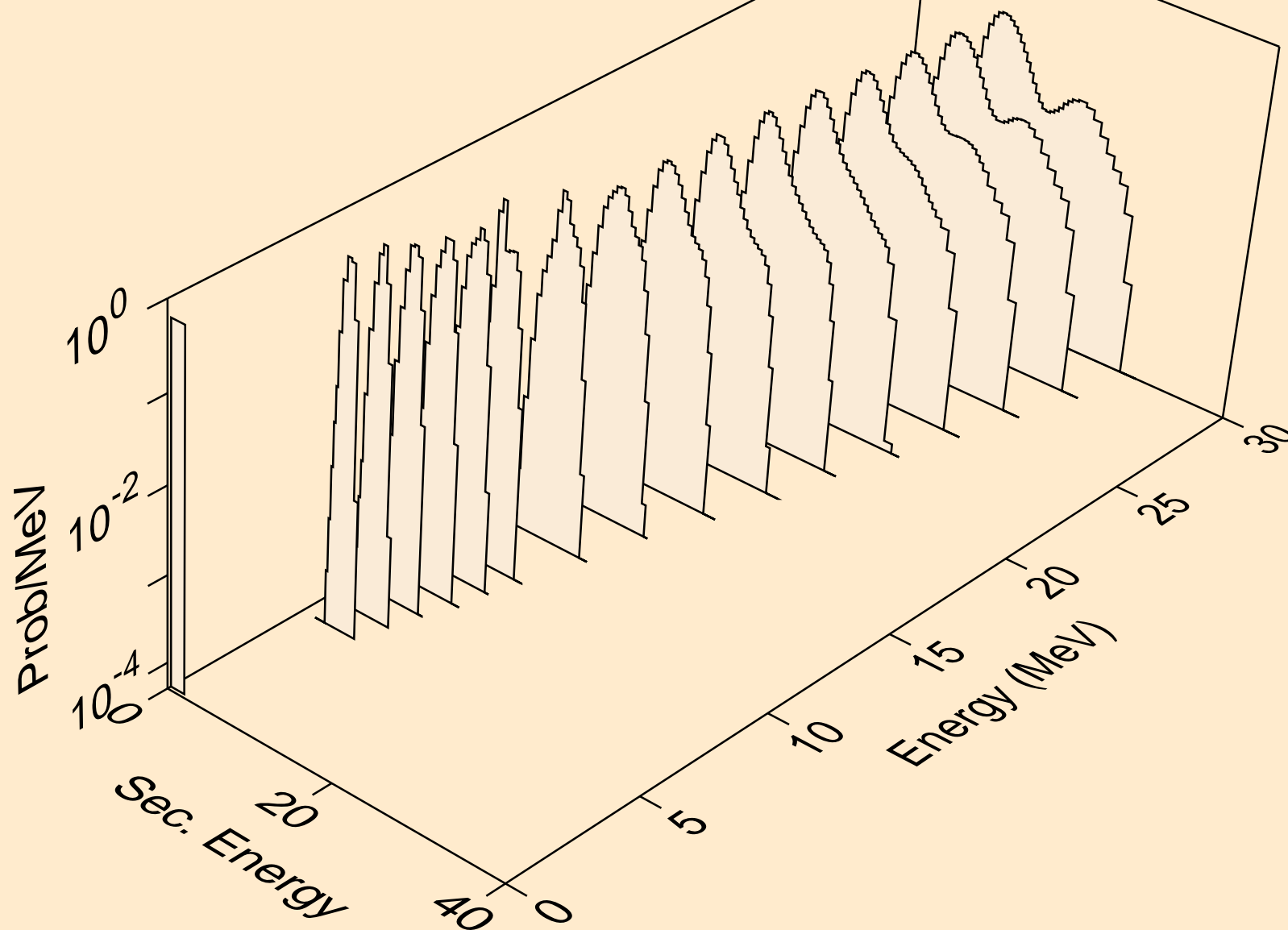
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alphas from (s,a)



GA075 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2a)



GA075 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,pa)



GA075 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,da)

