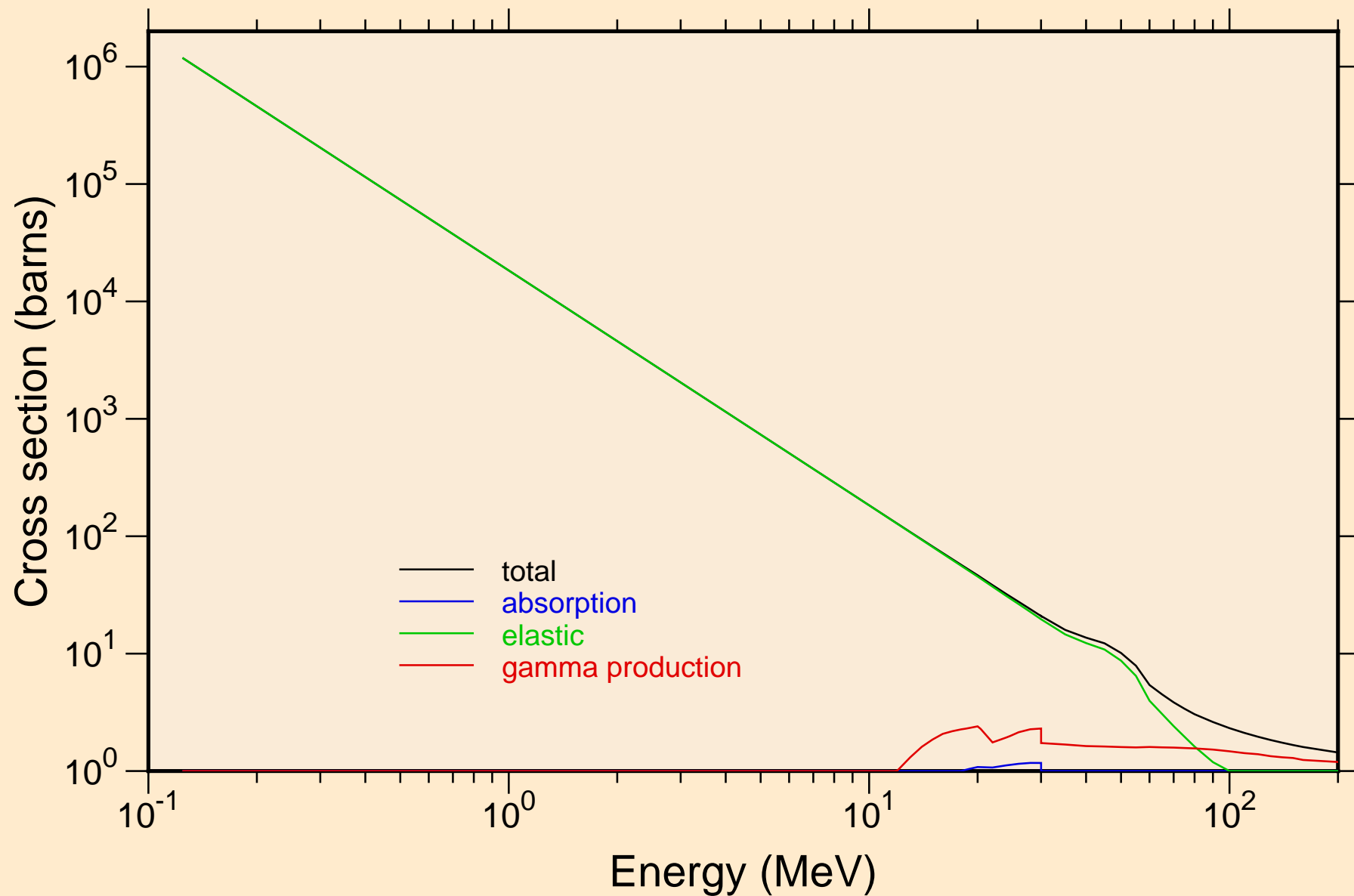
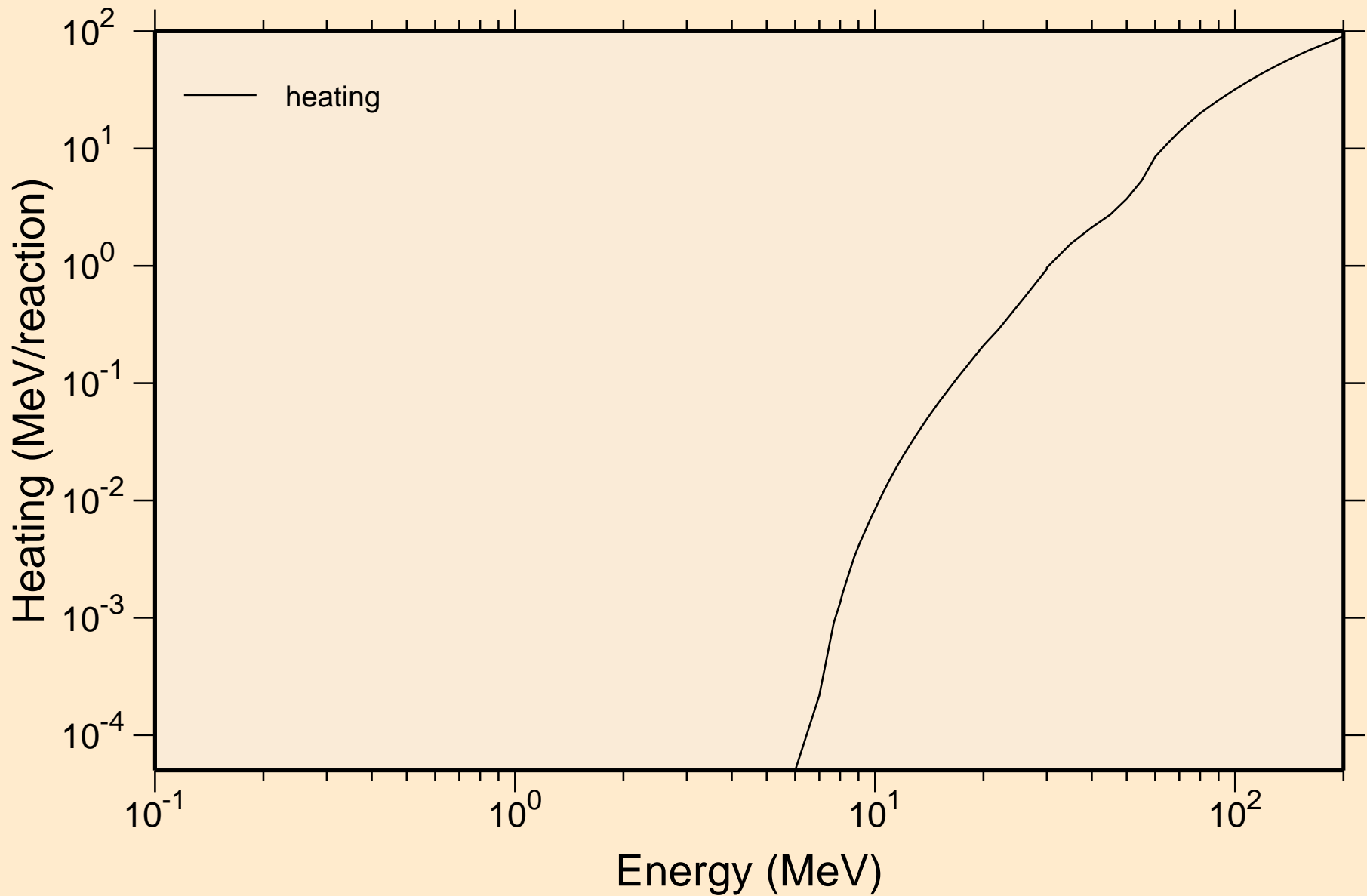


FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



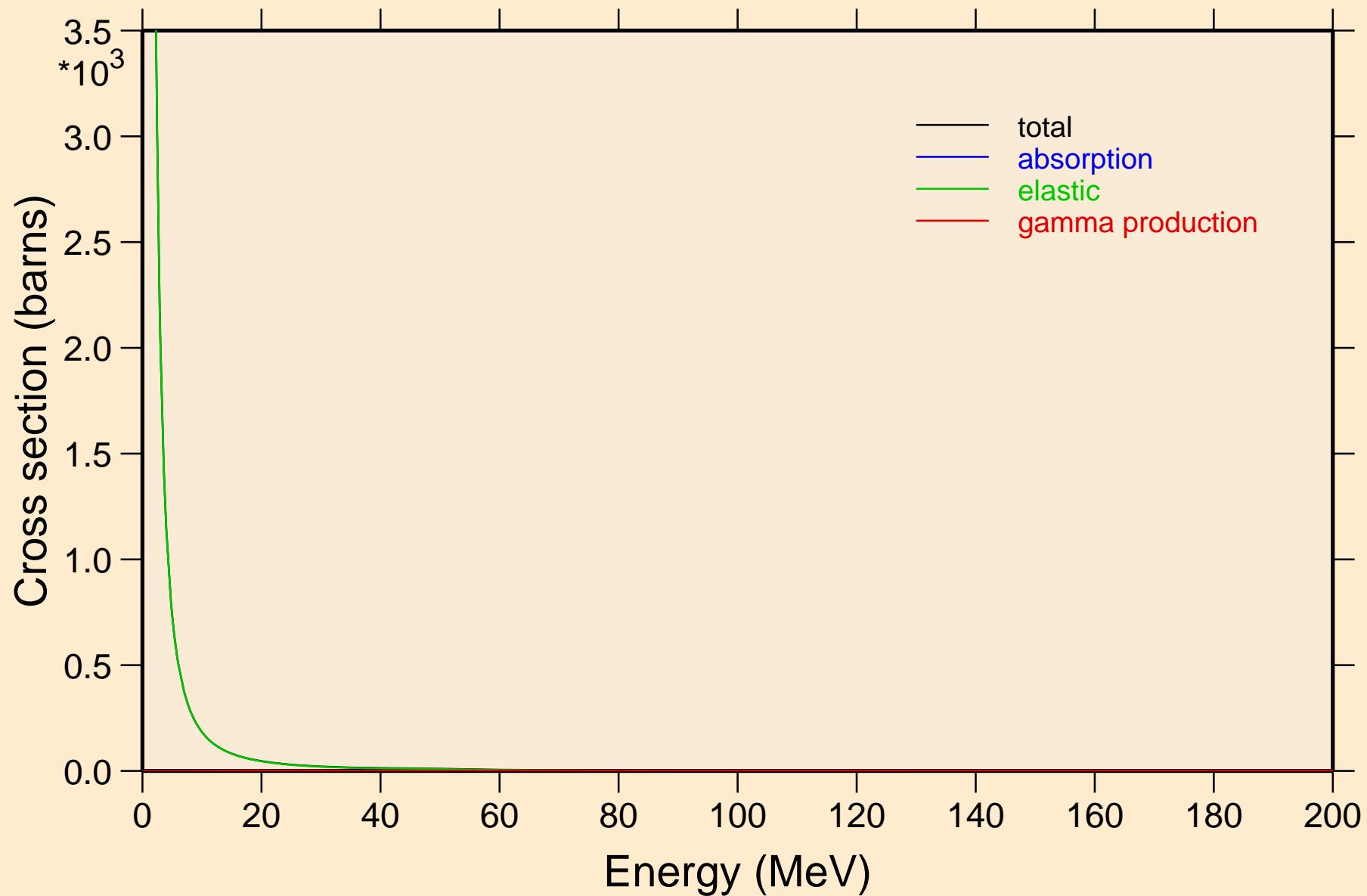
# FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Heating



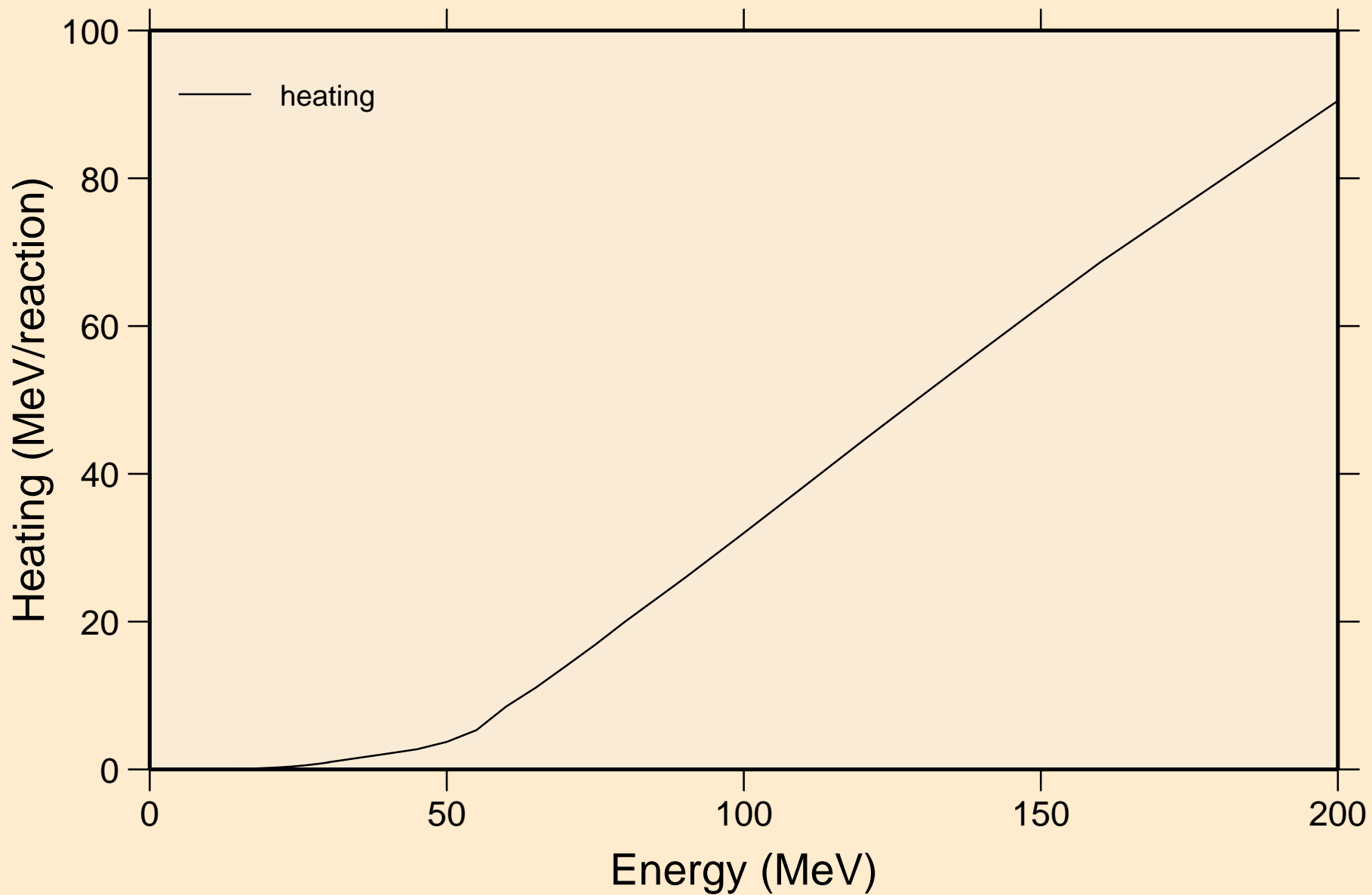
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## Principal cross sections



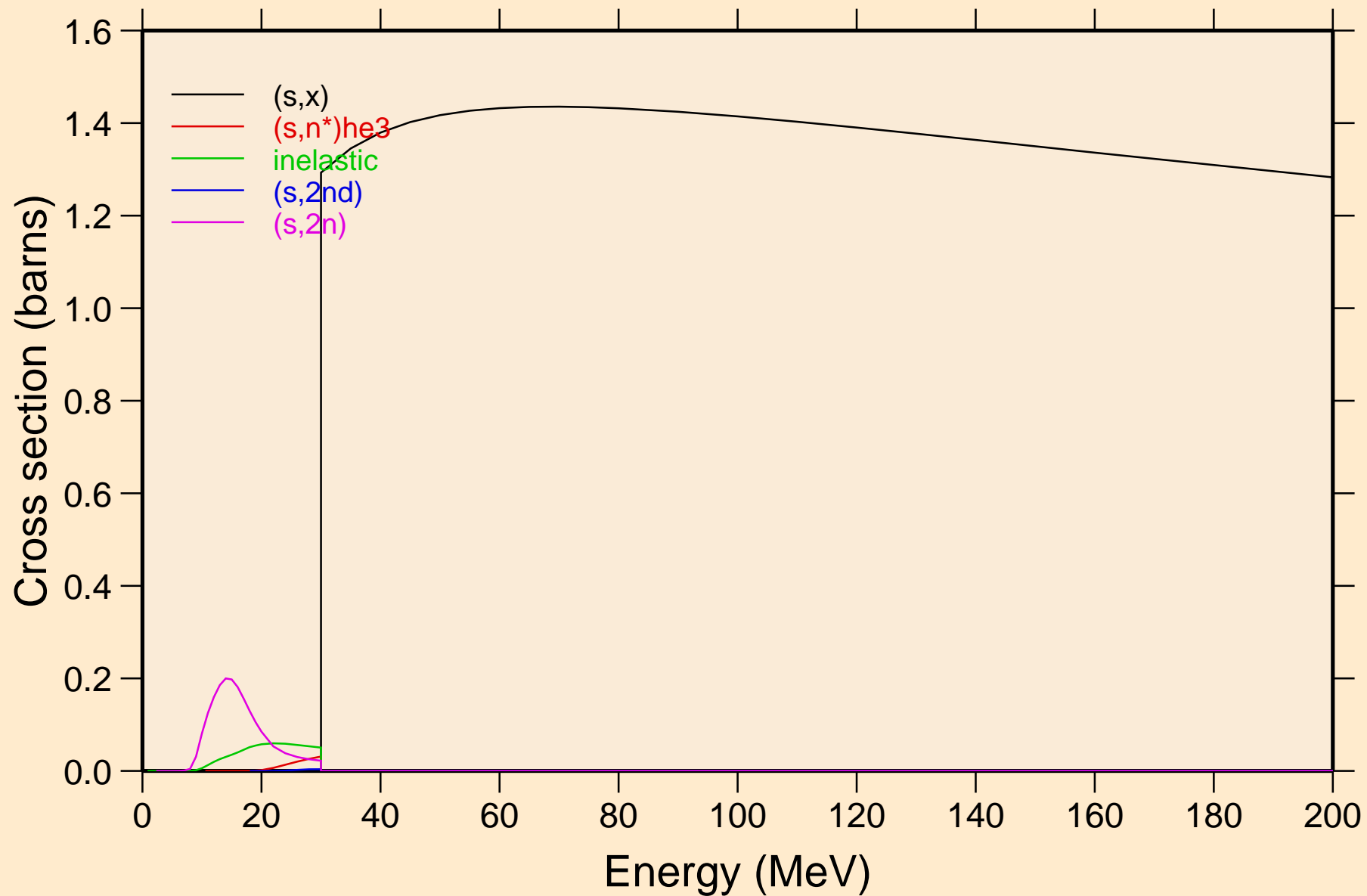
FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K

Heating

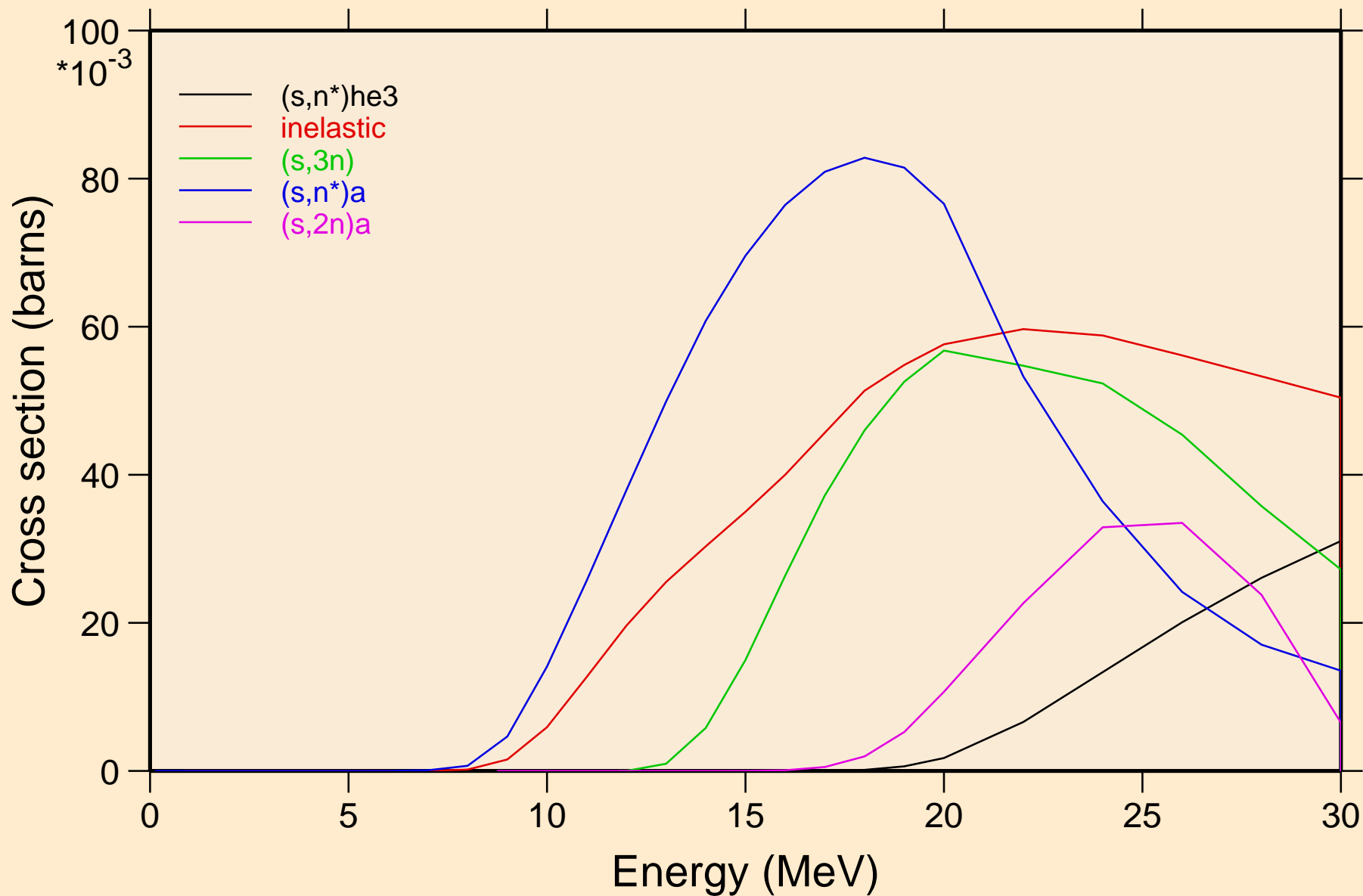


# FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K

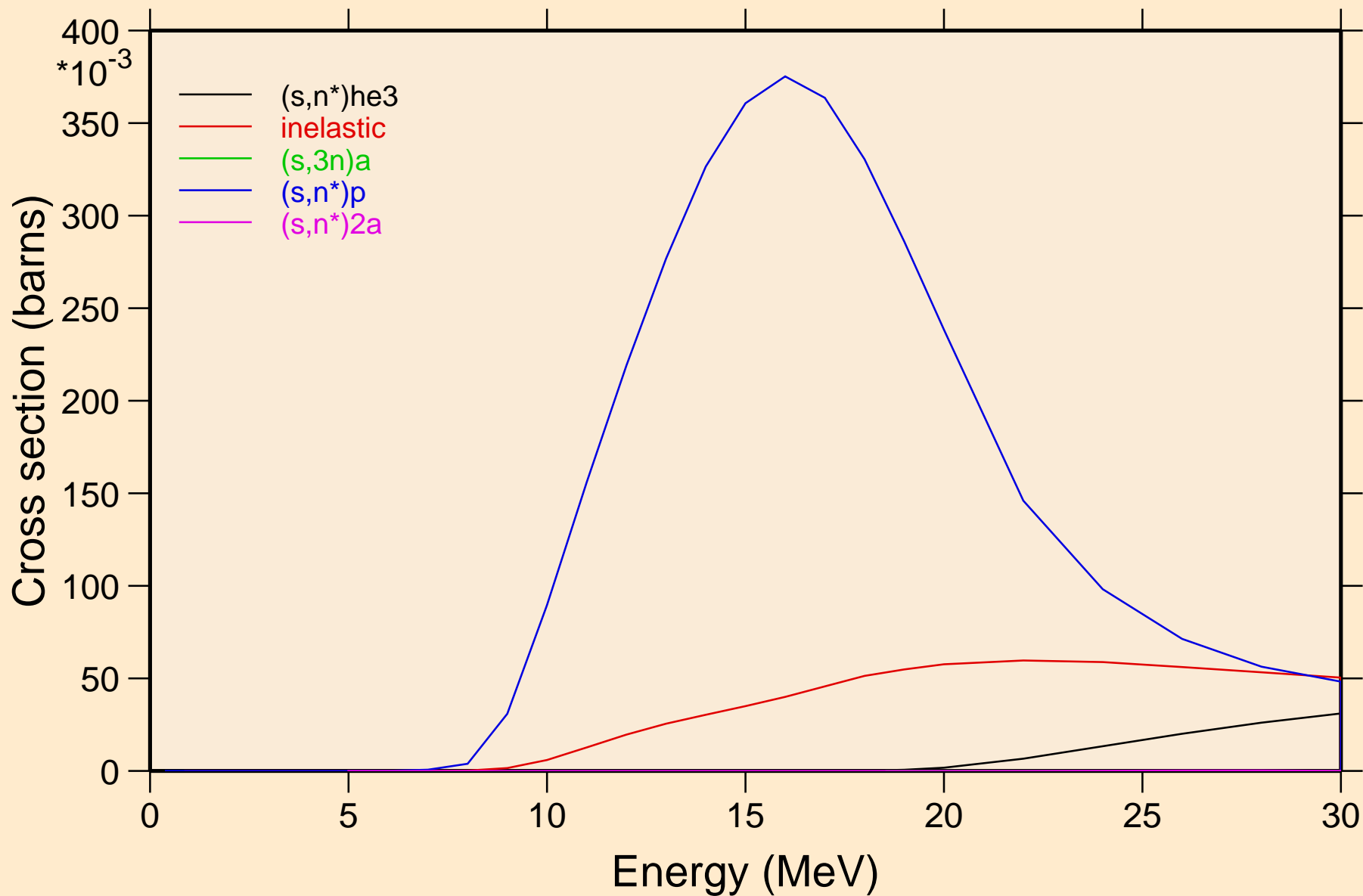
## Threshold reactions



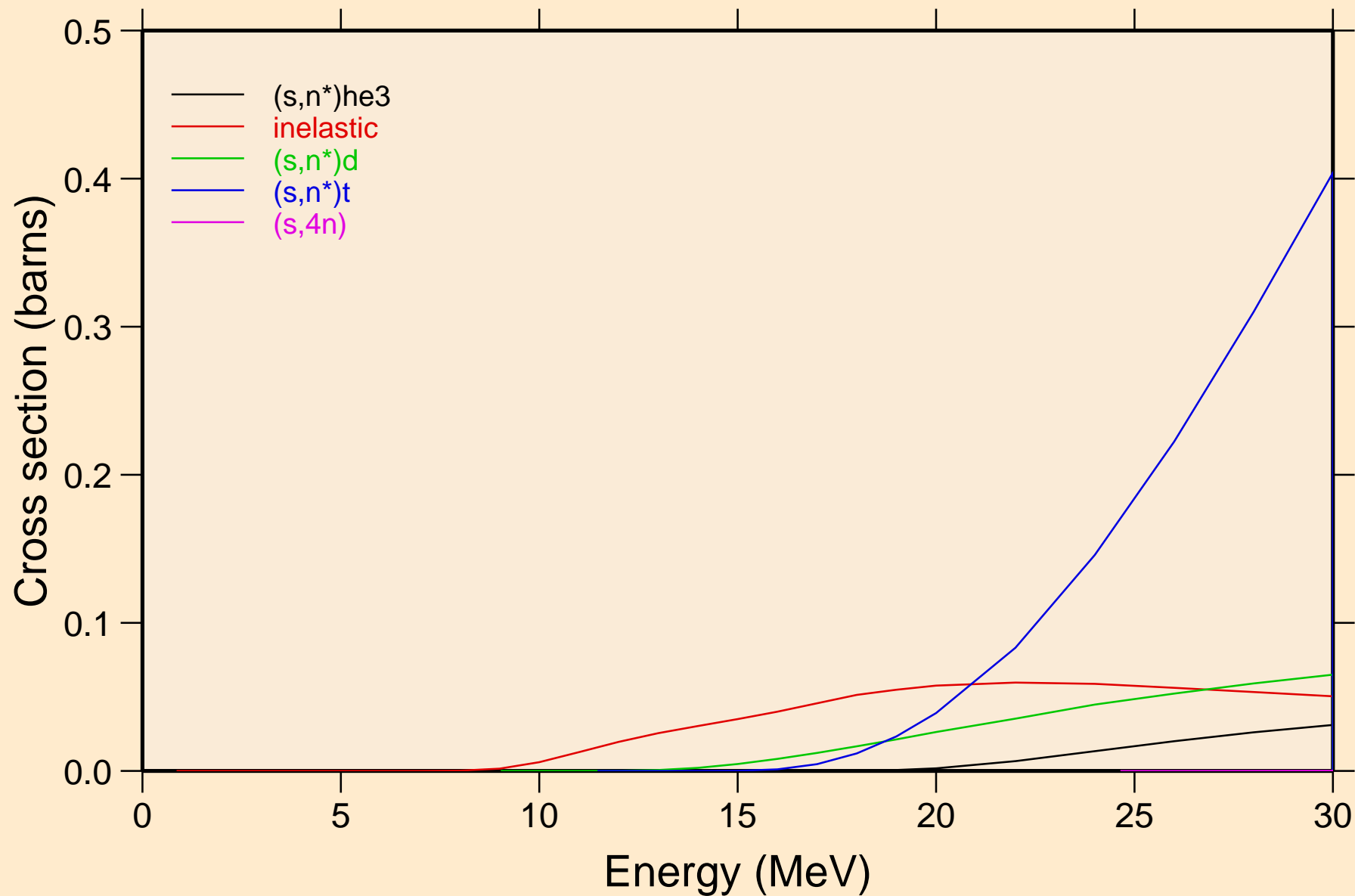
FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



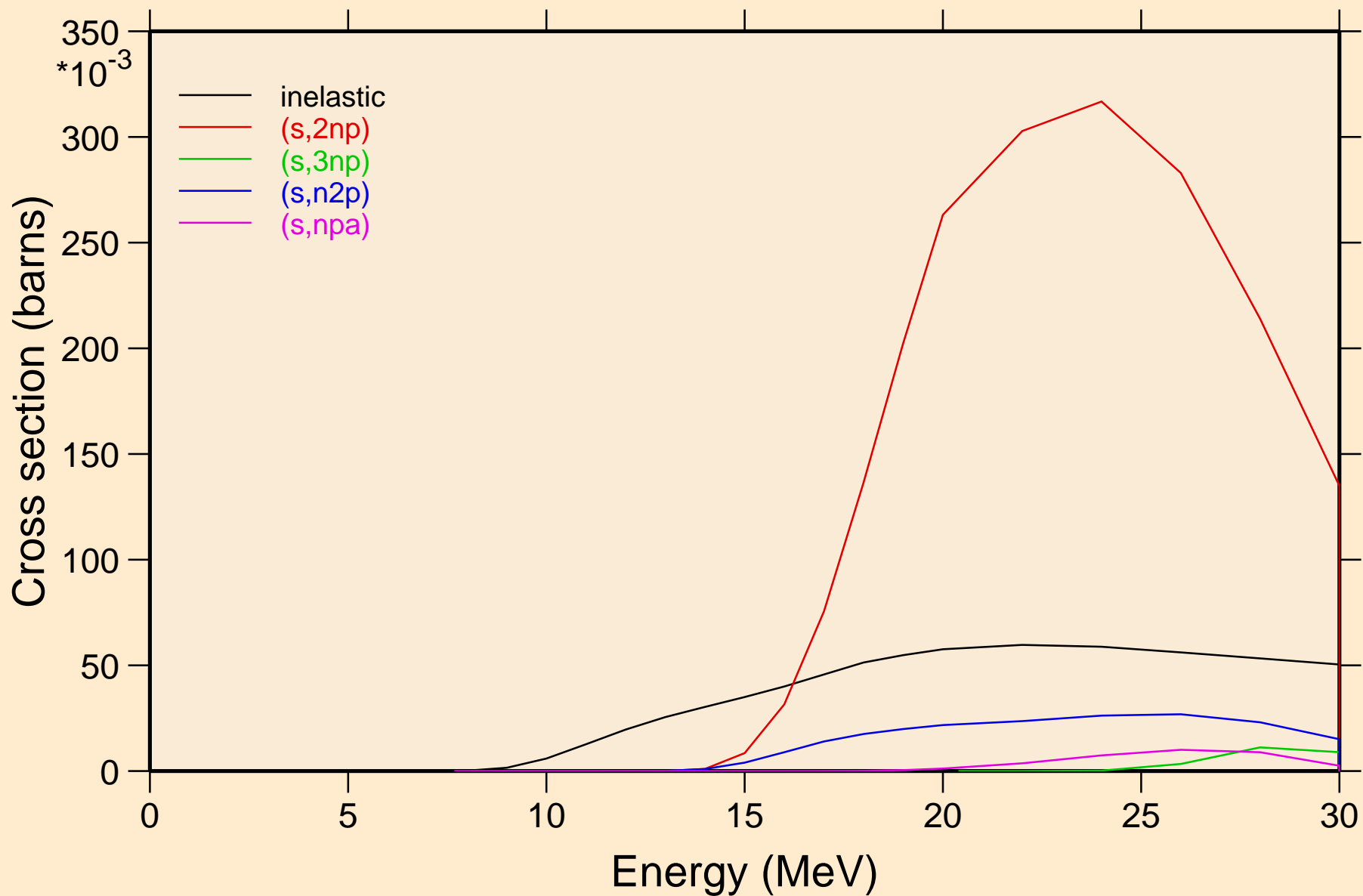
FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



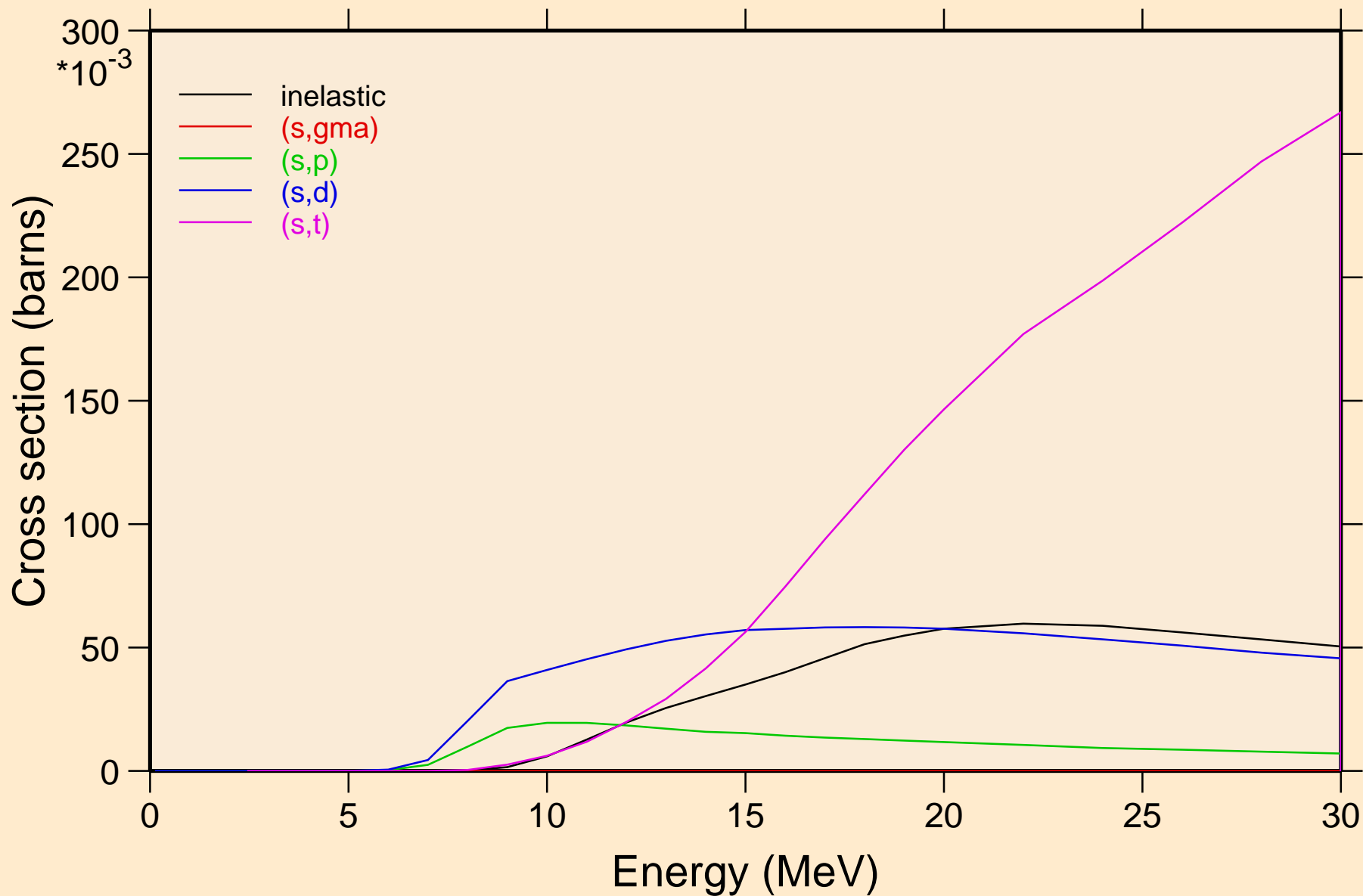


# FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K

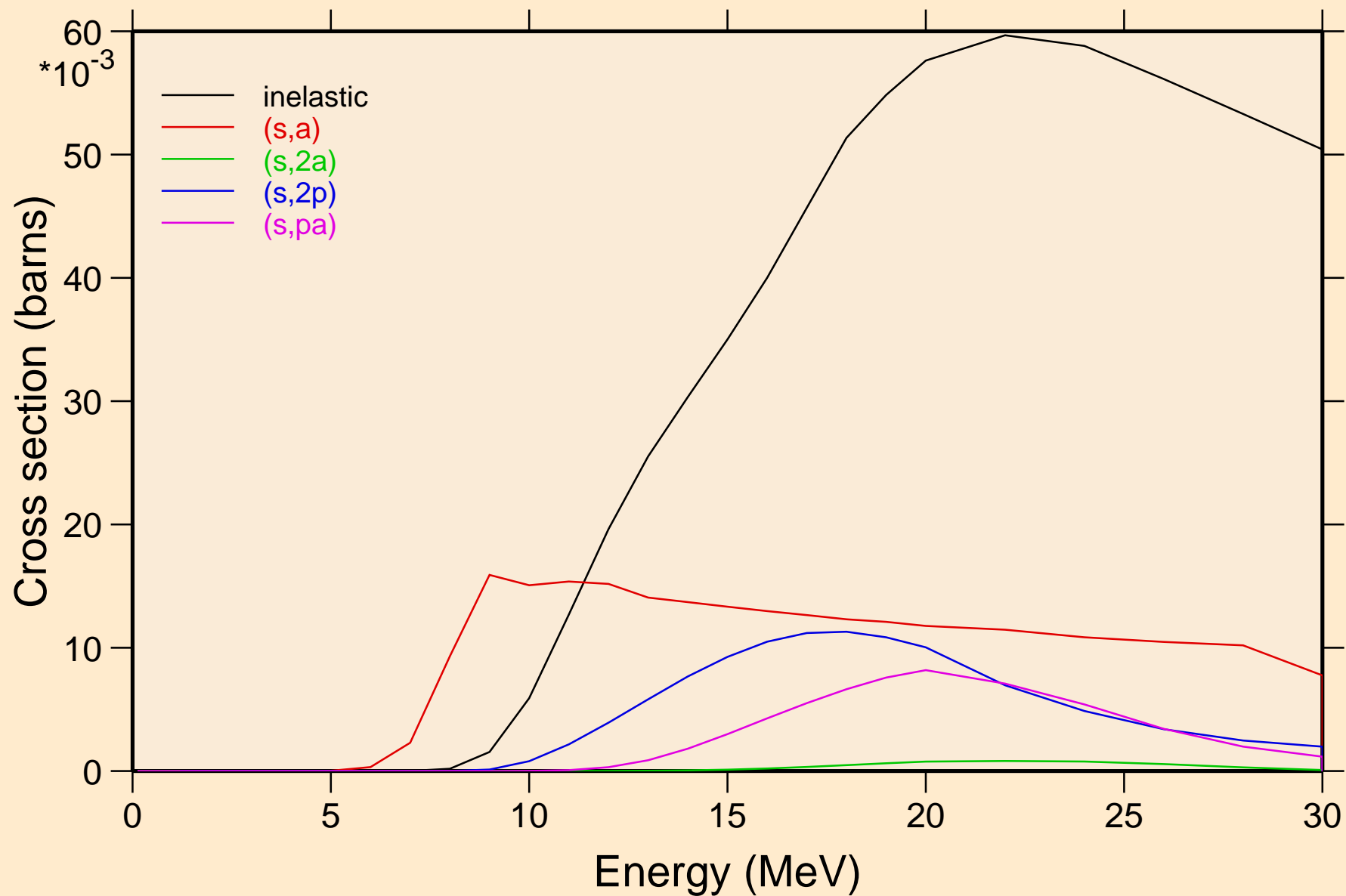
## Threshold reactions



FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

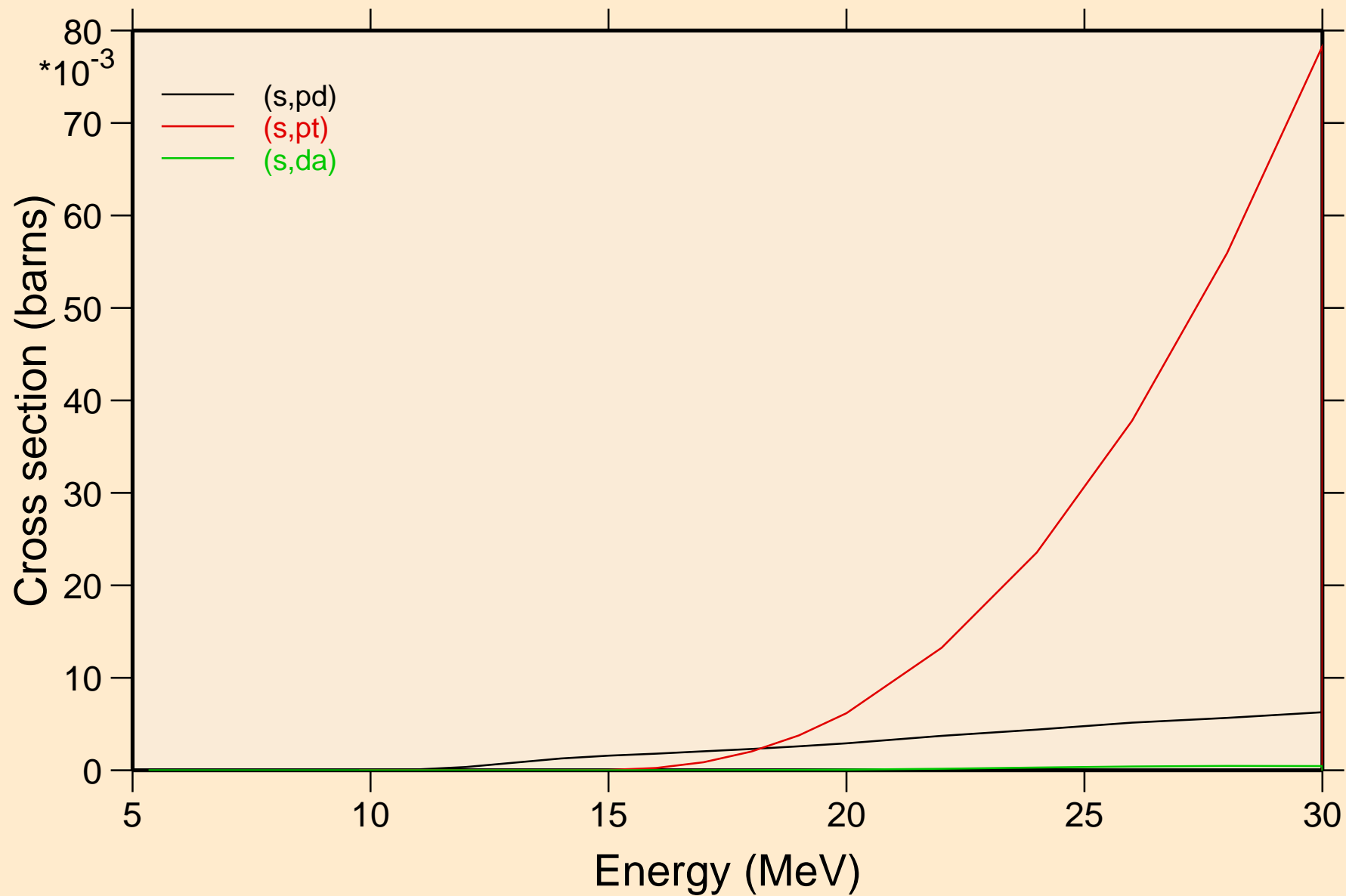


FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

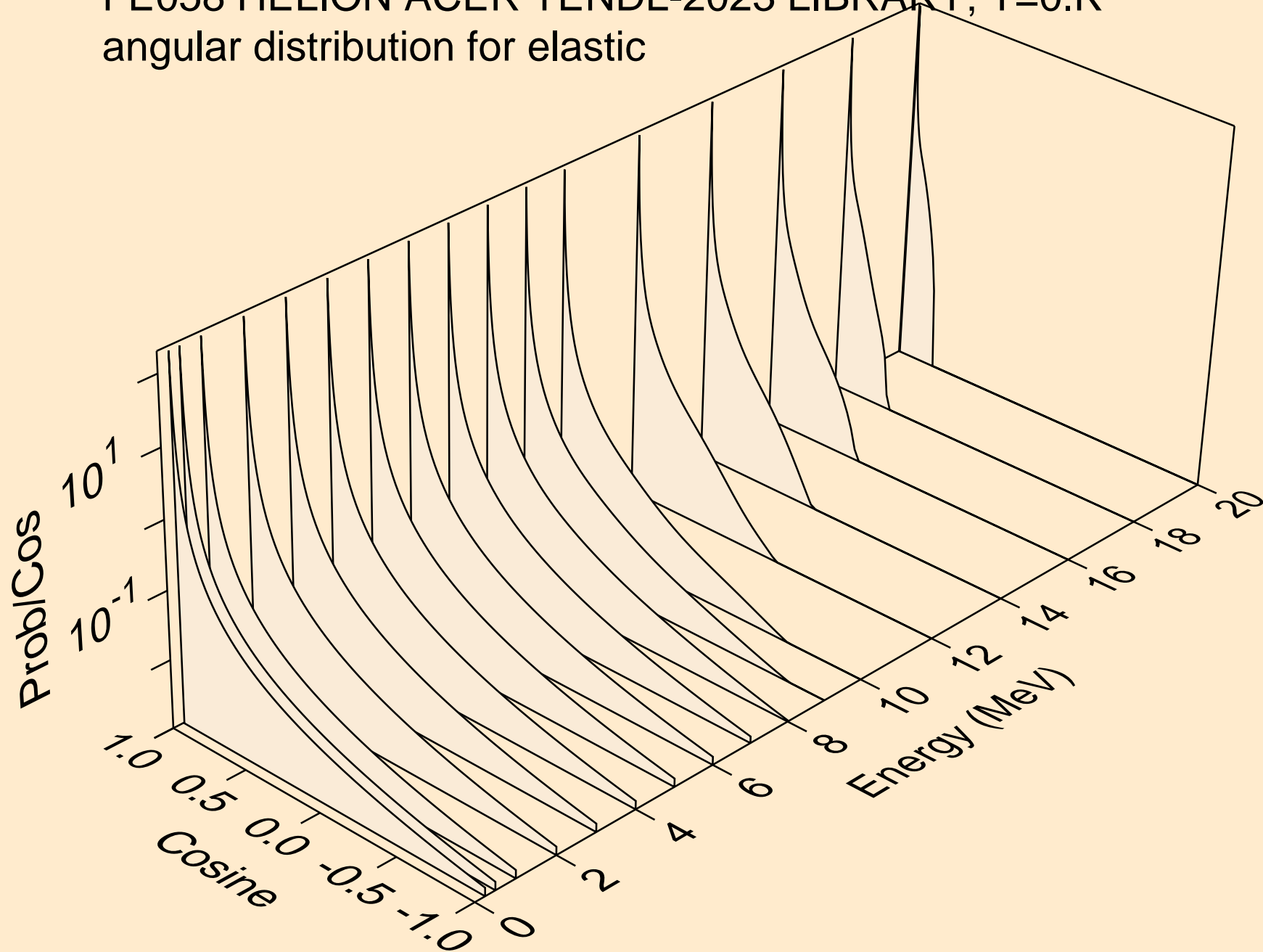


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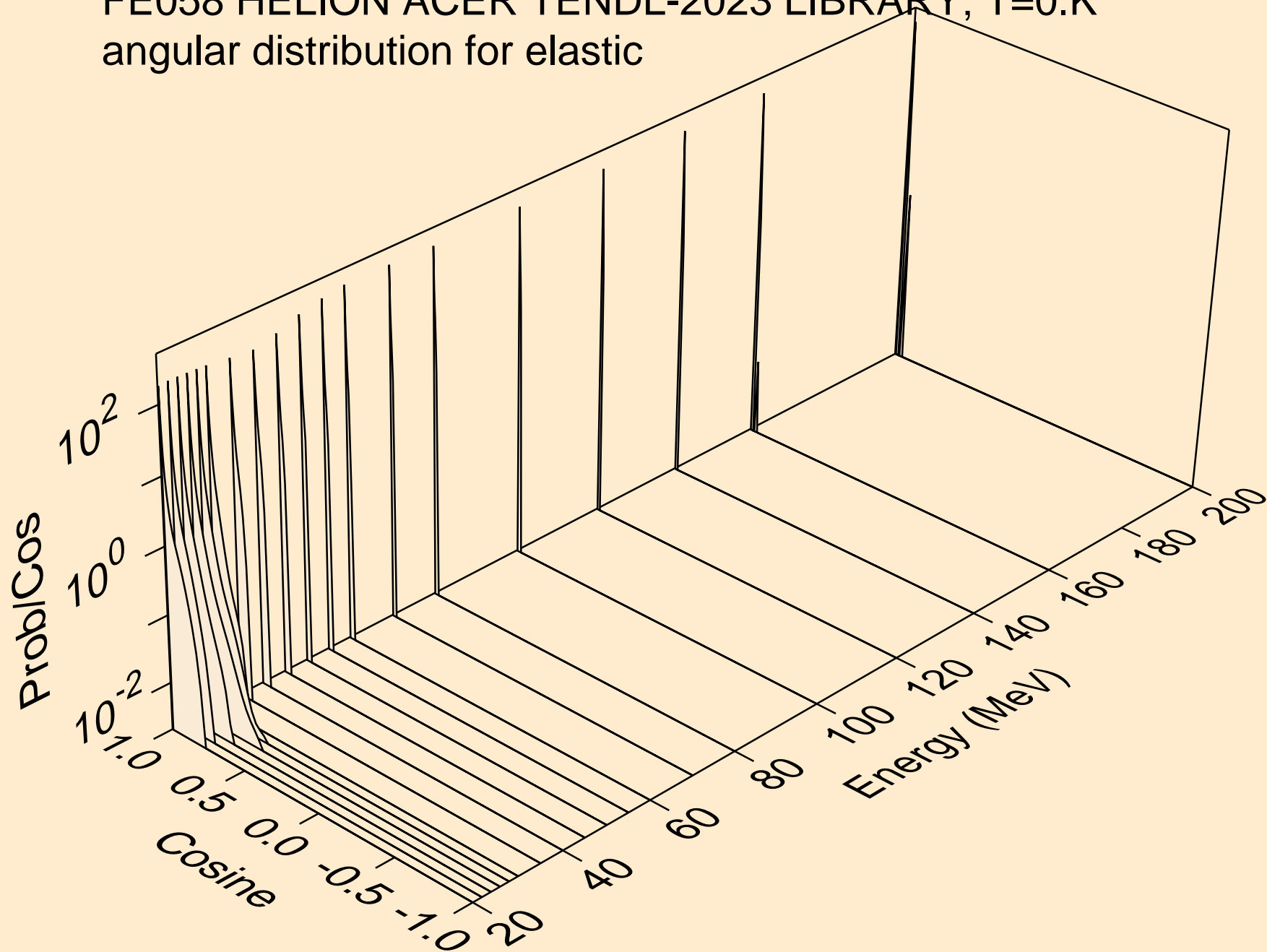
## Threshold reactions



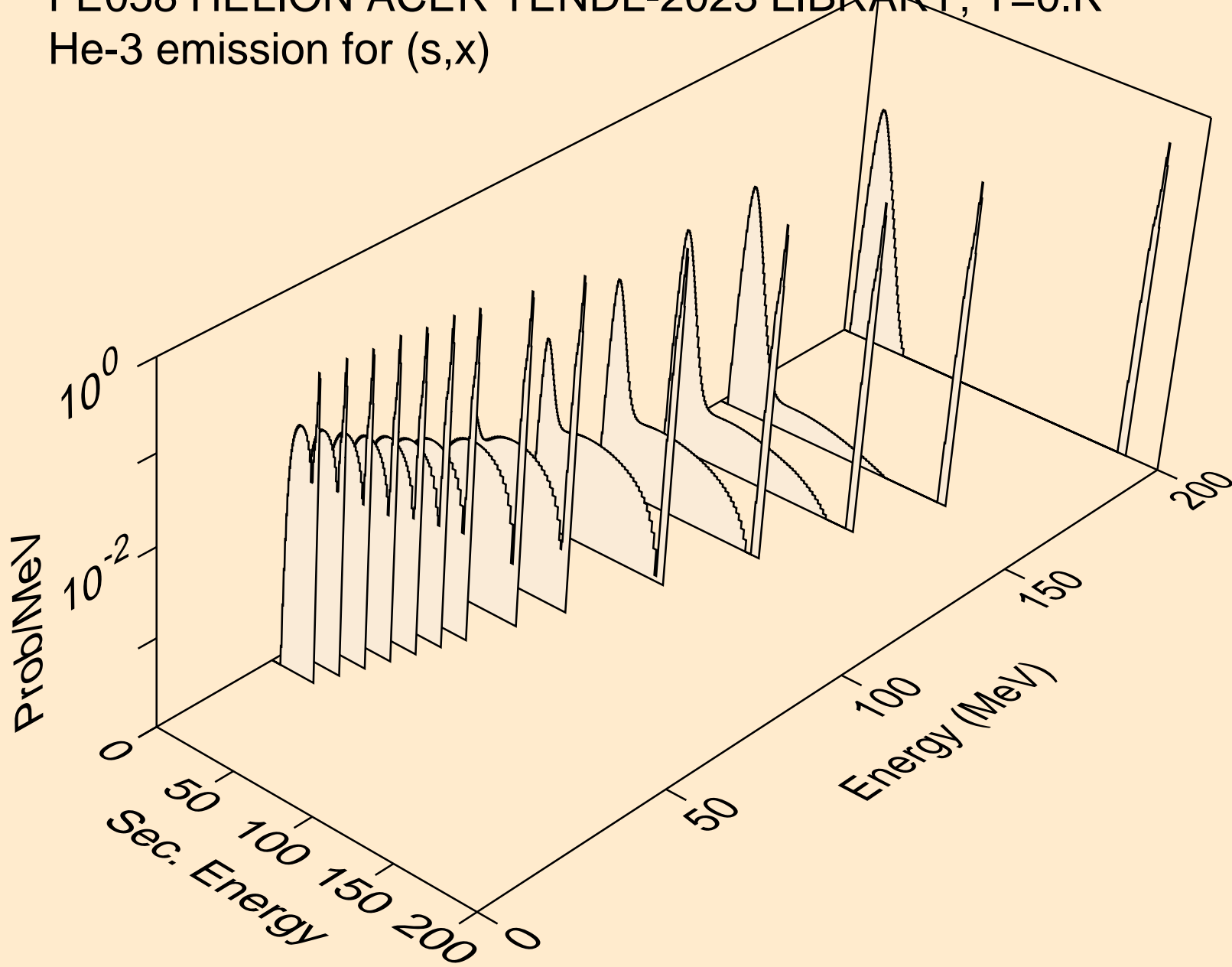
FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



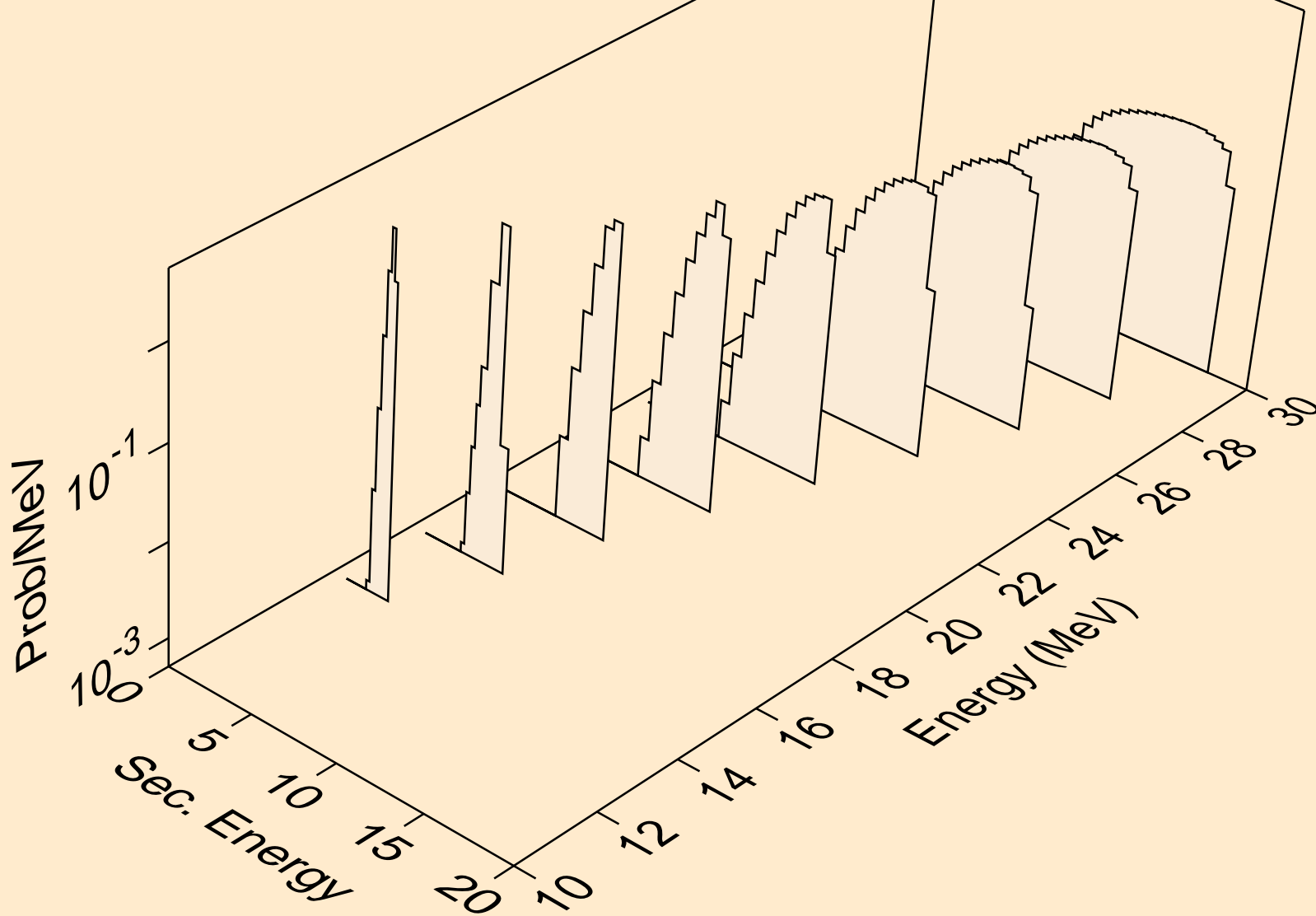
FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,x)

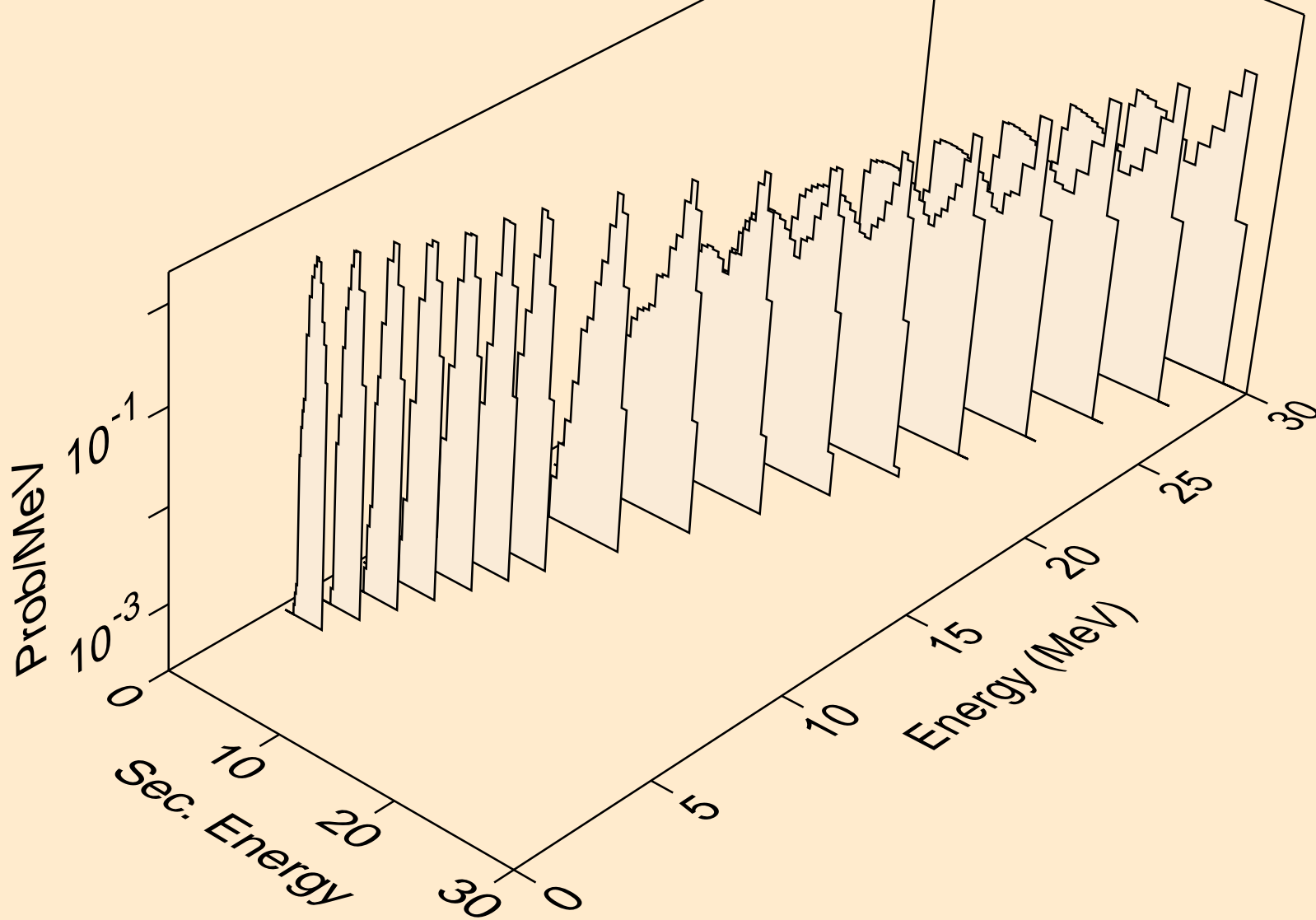


FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

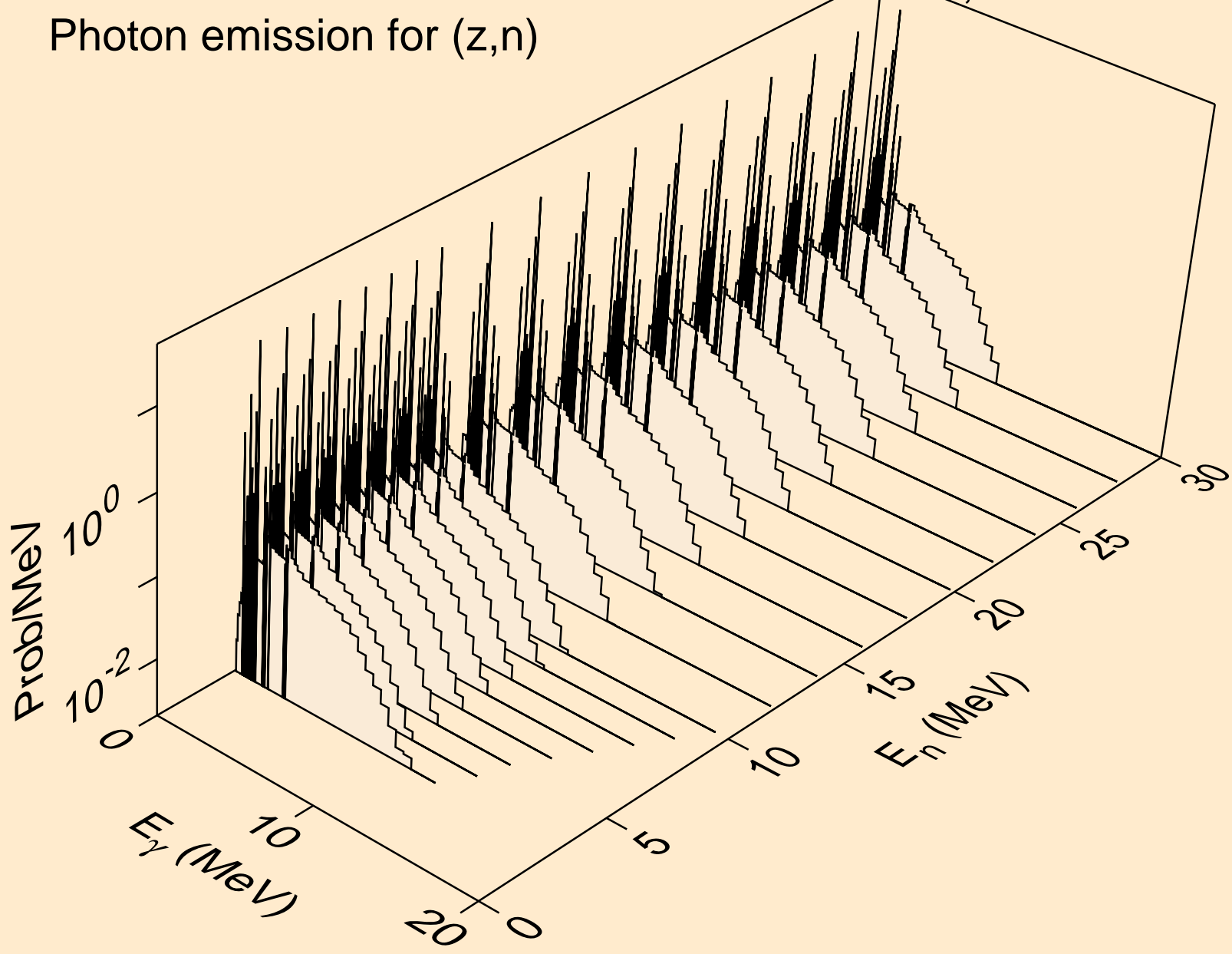




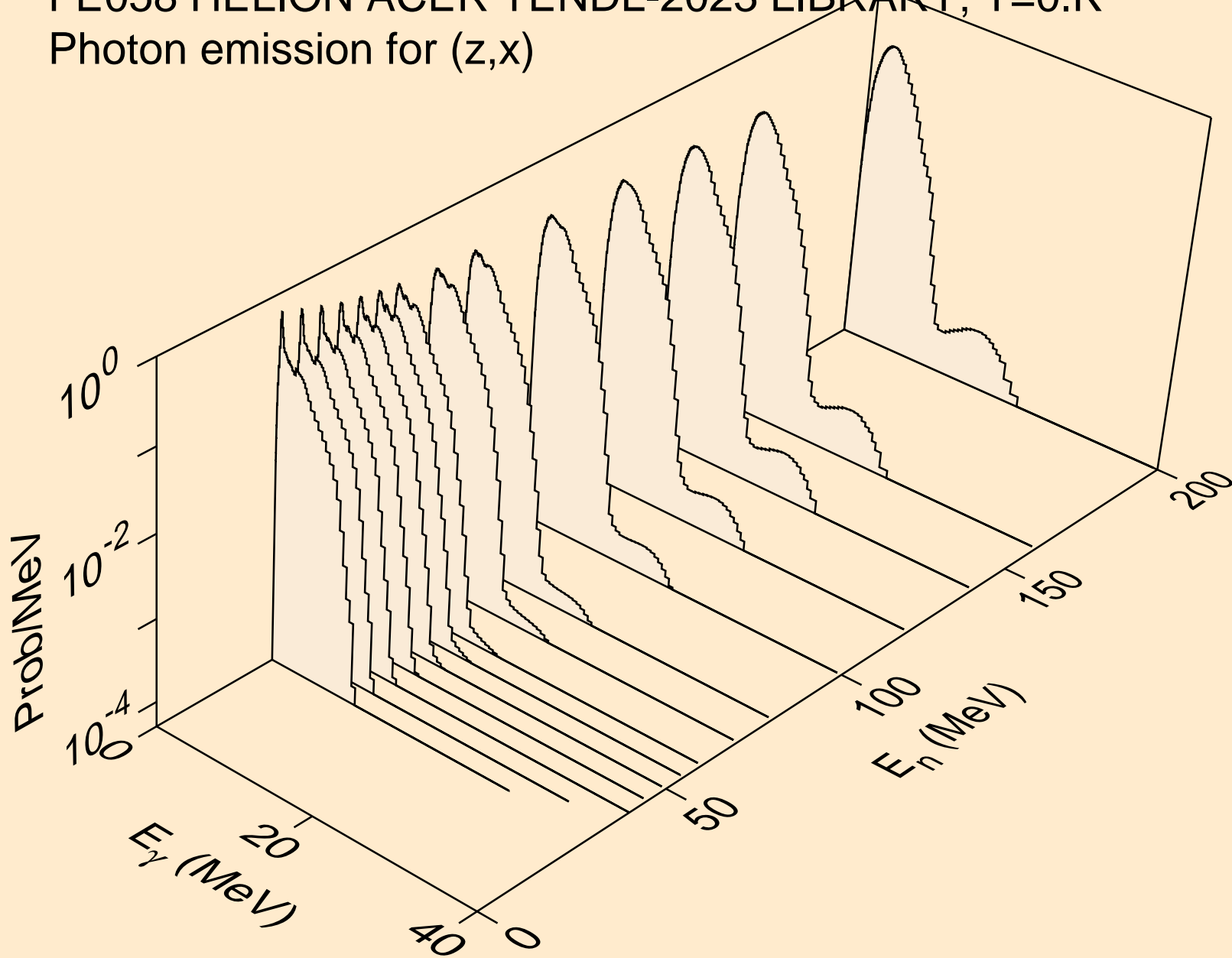
FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for inelastic



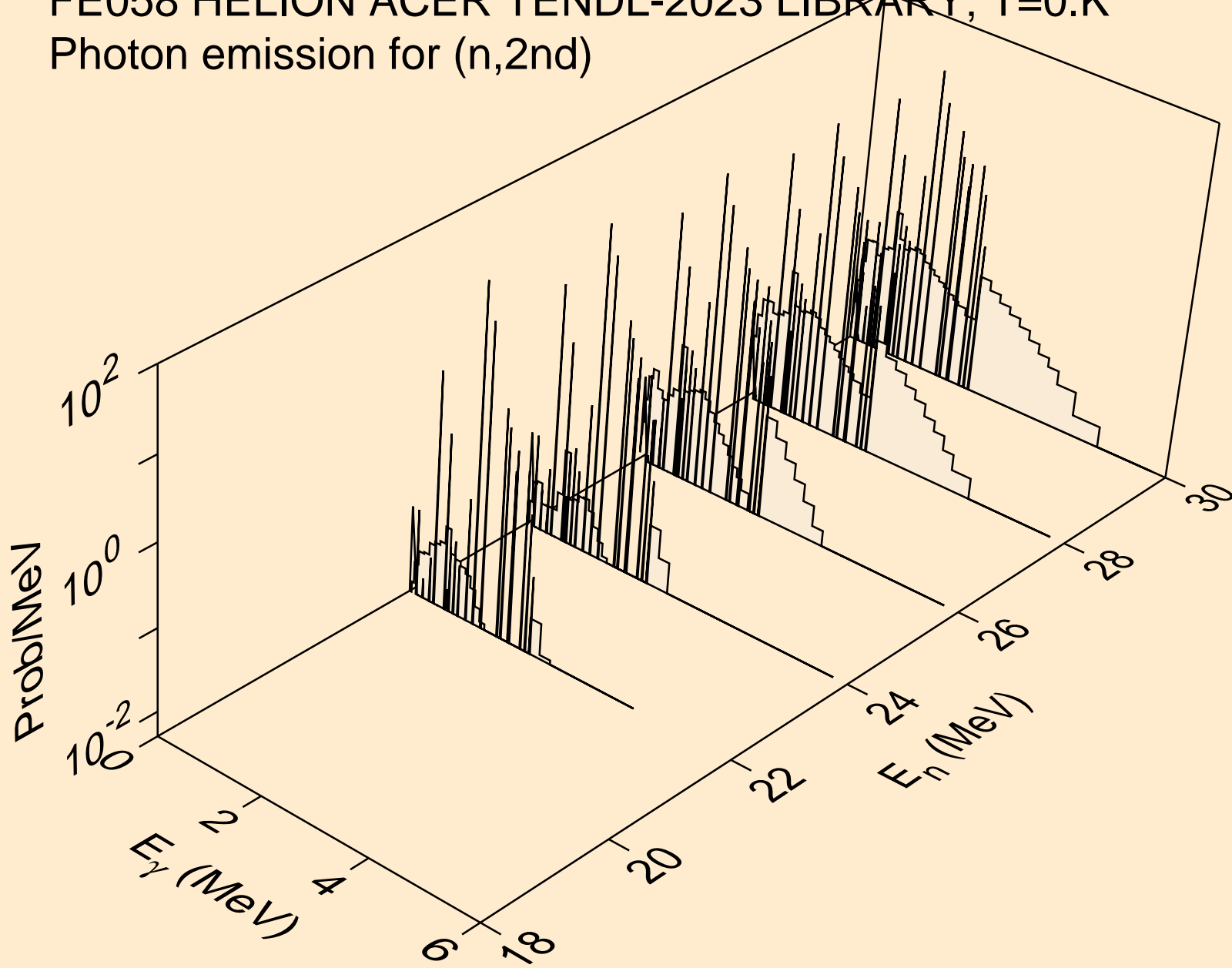
FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



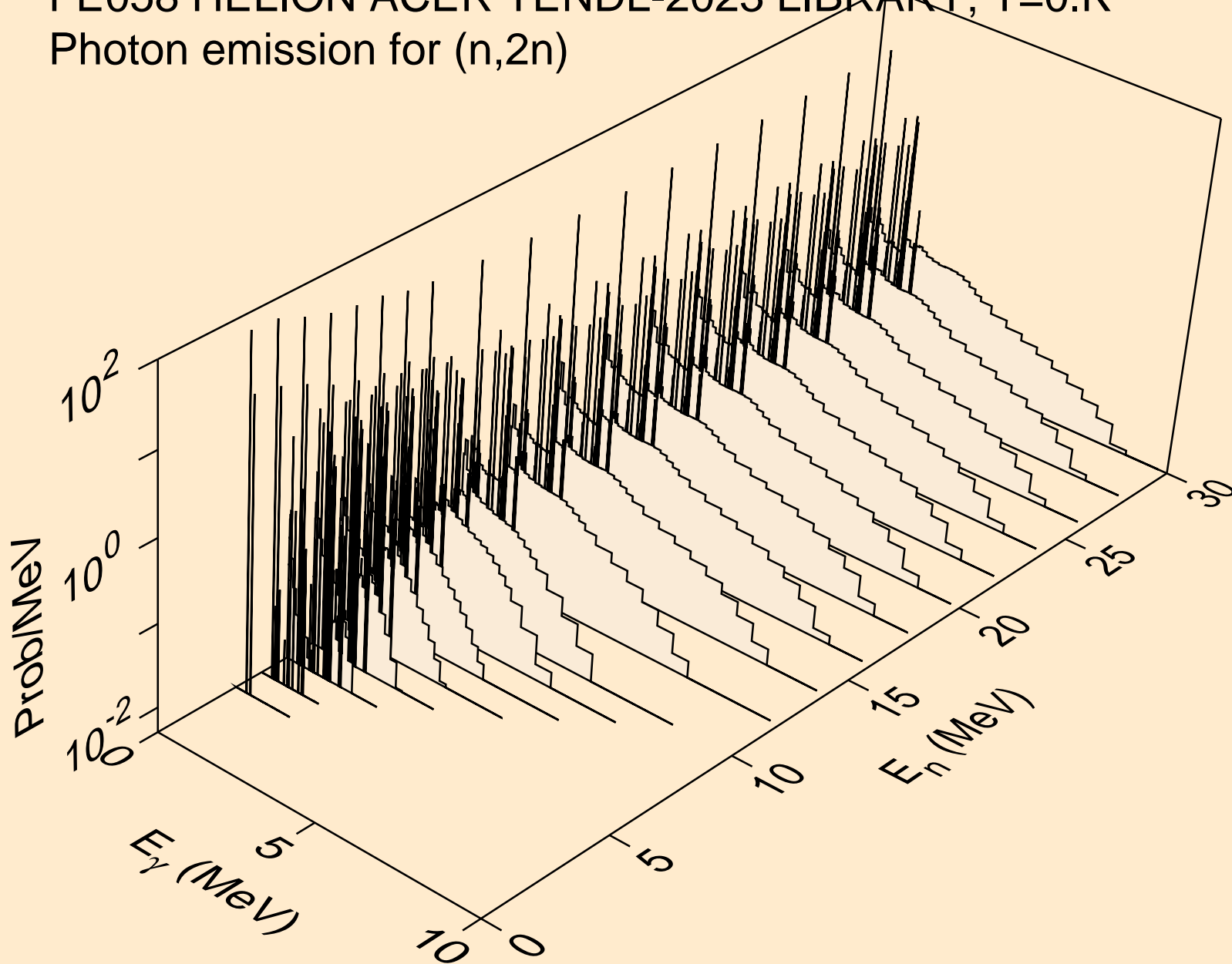
FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



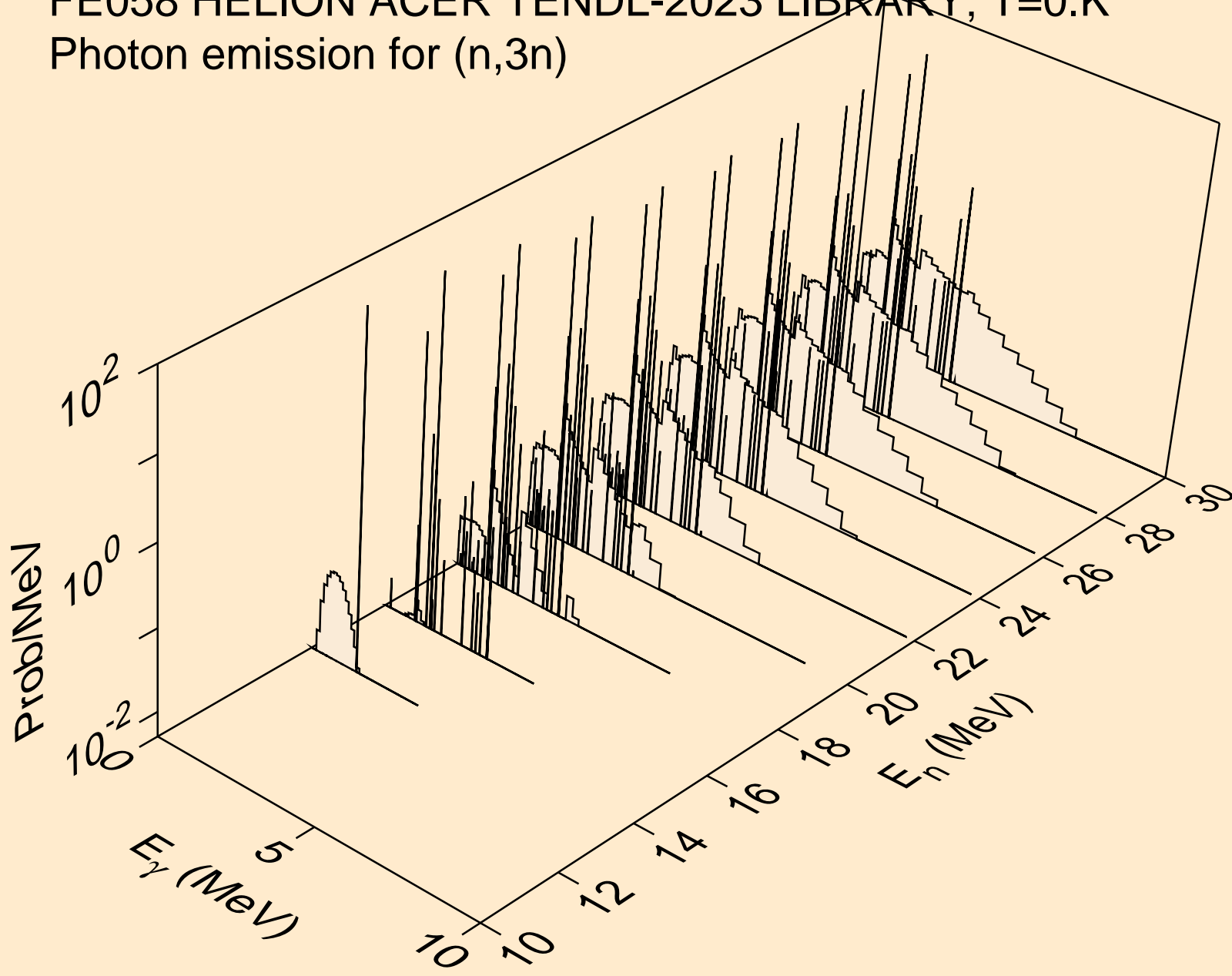
FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



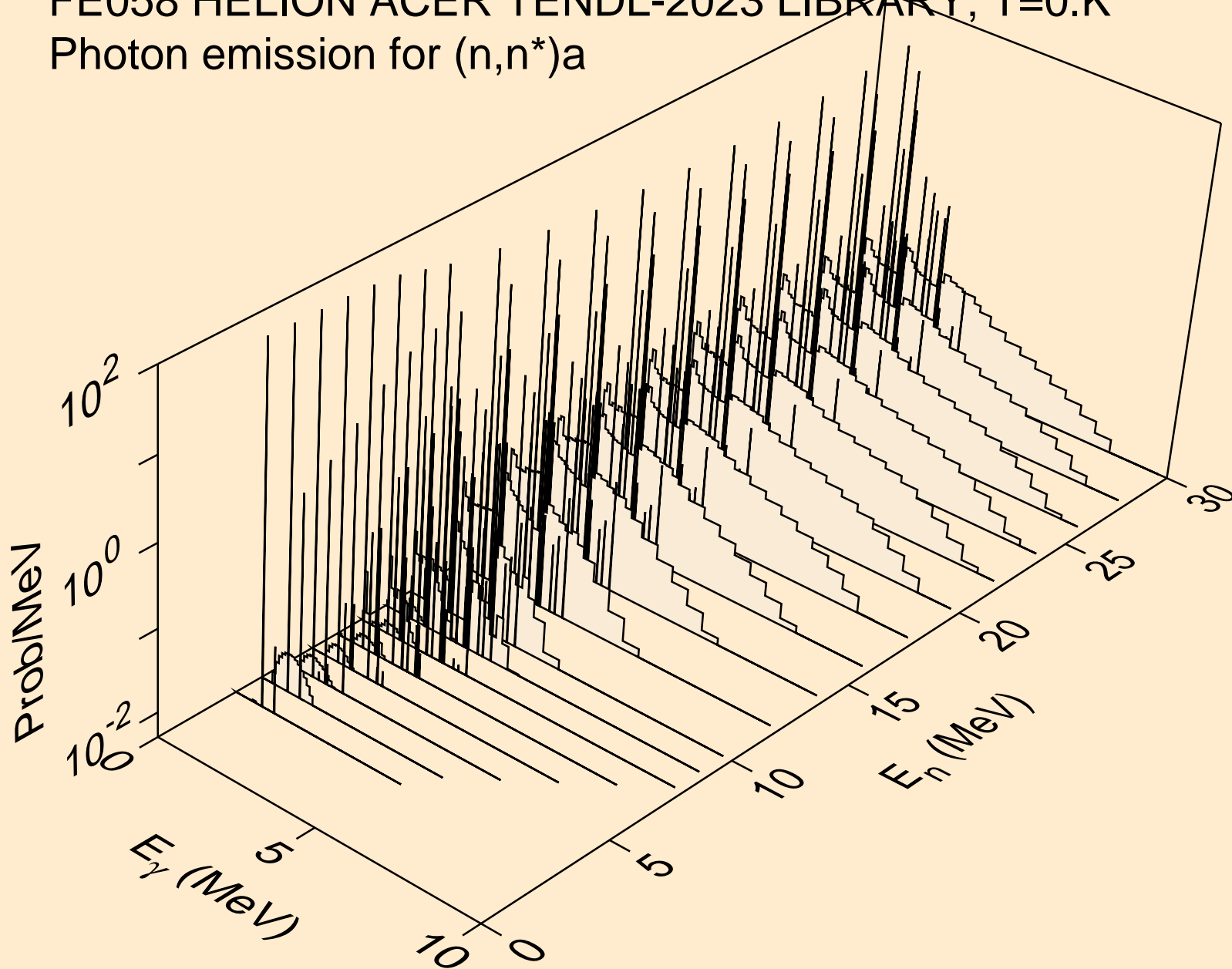
FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



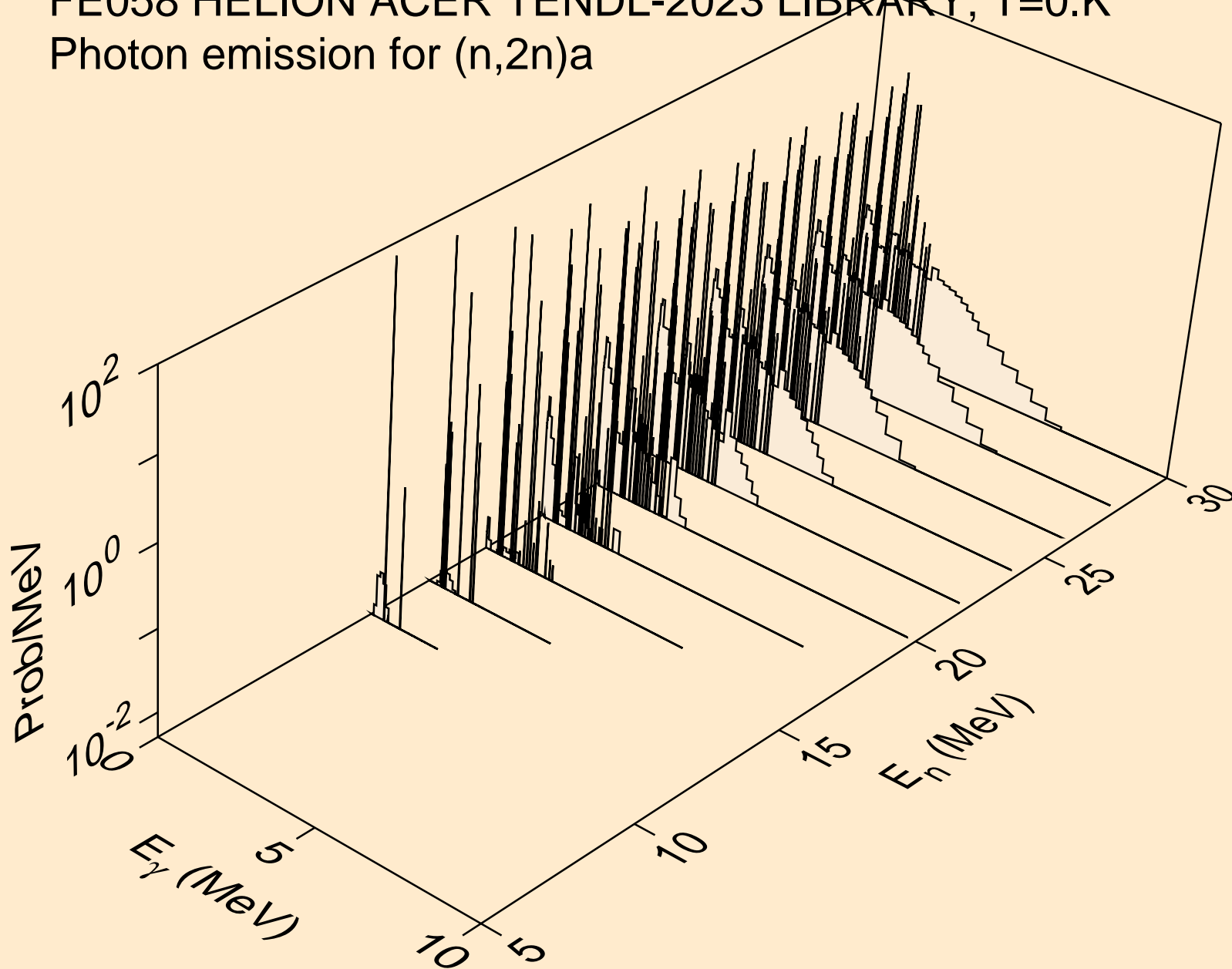
FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

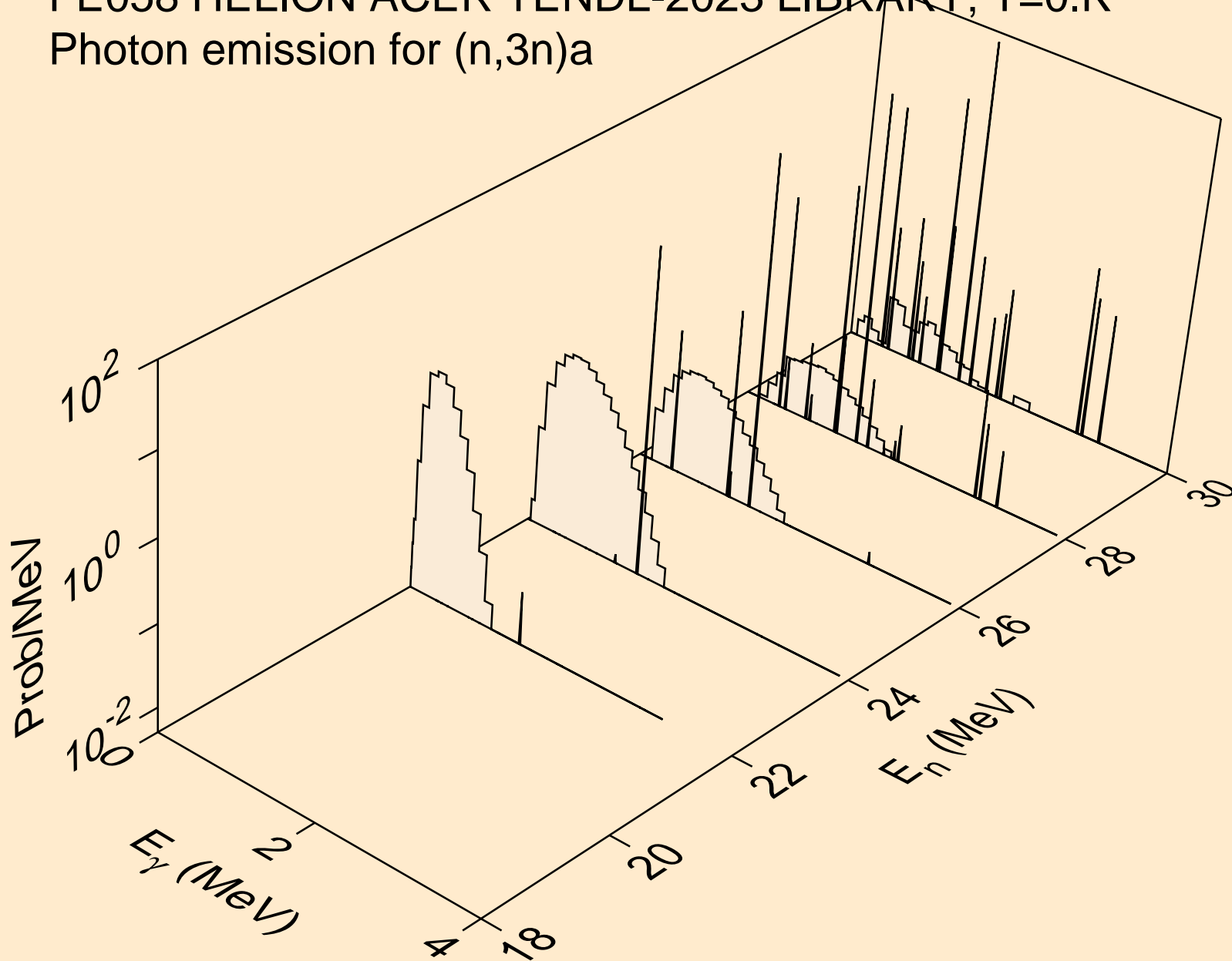


FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

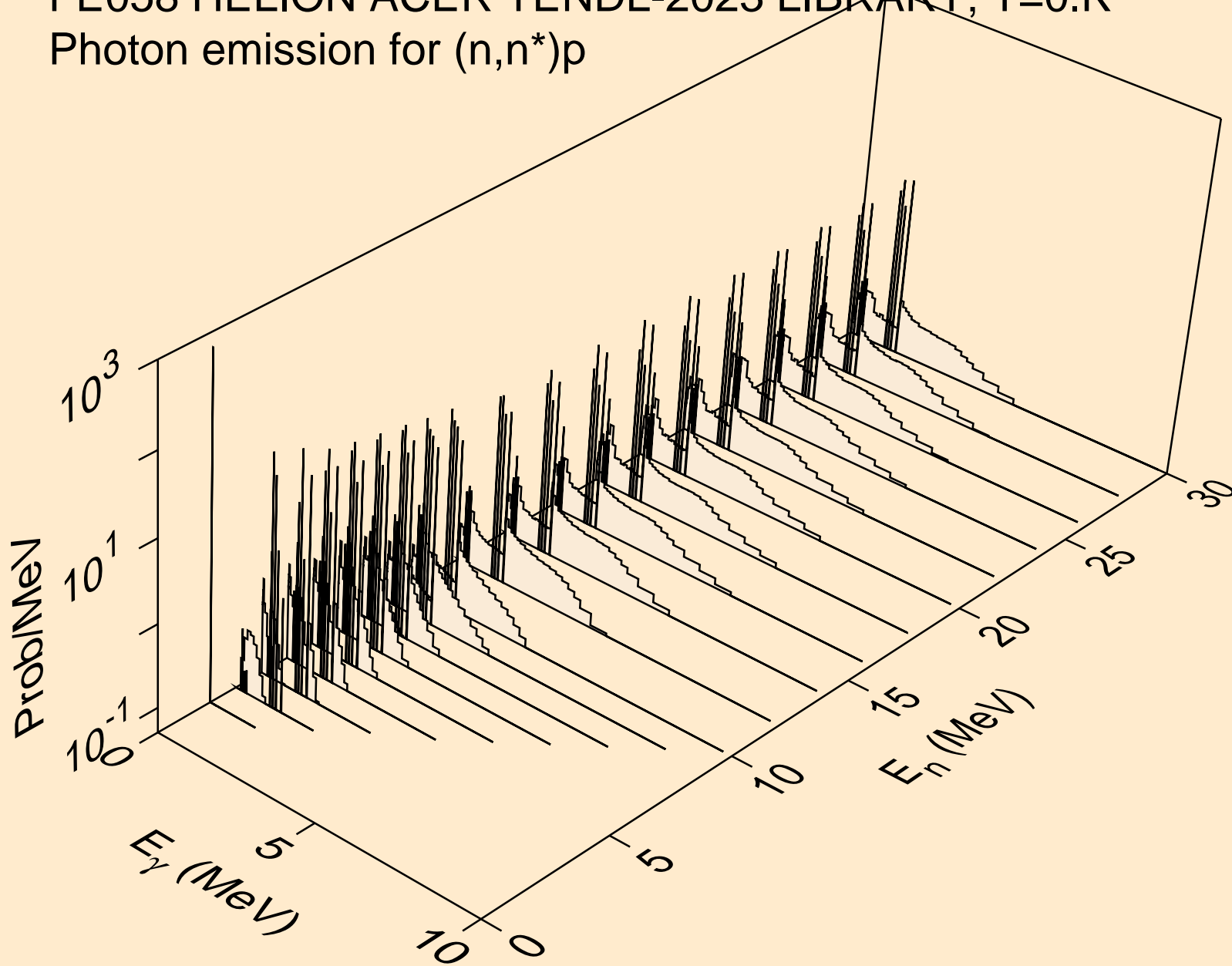




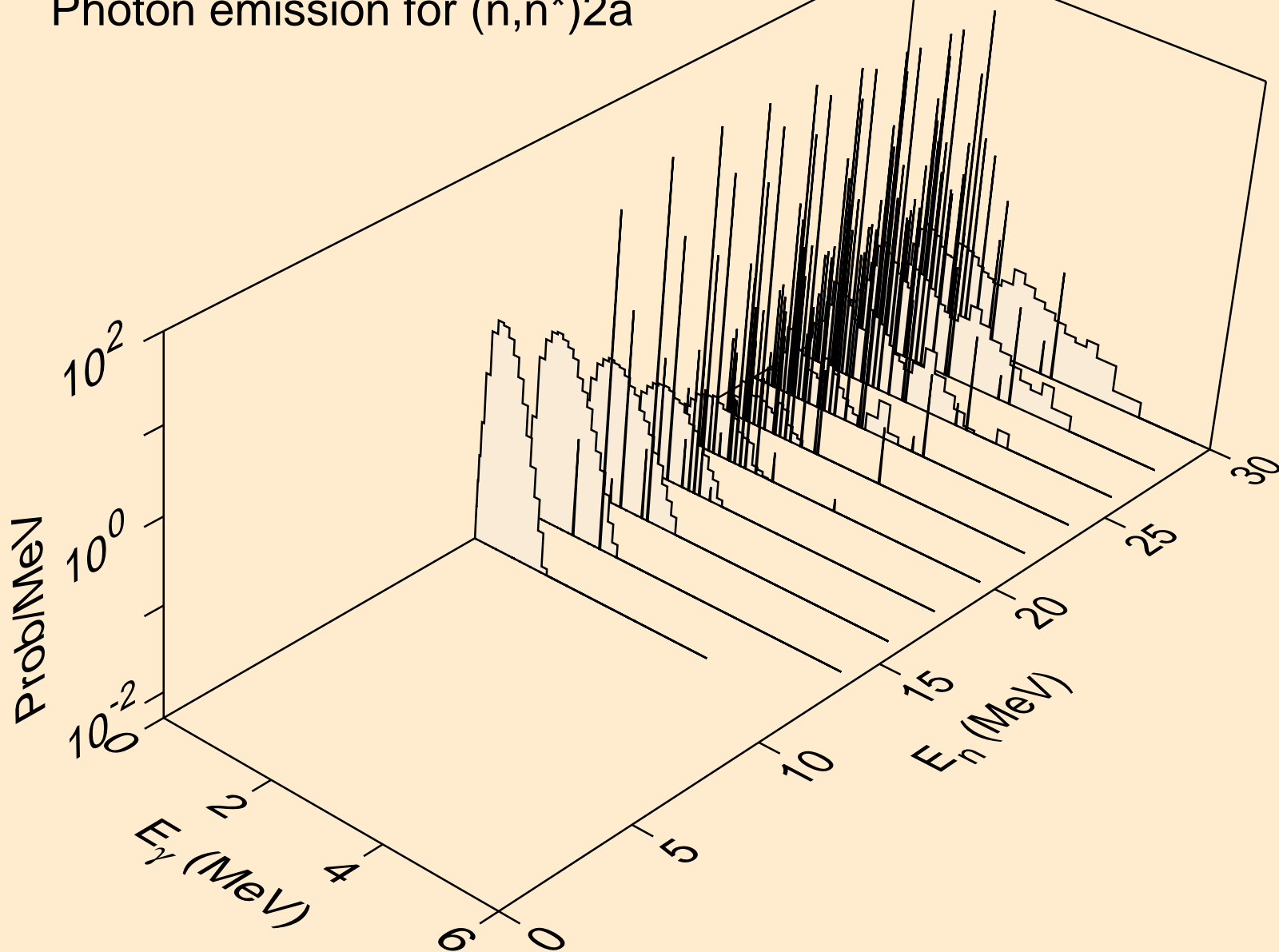
FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



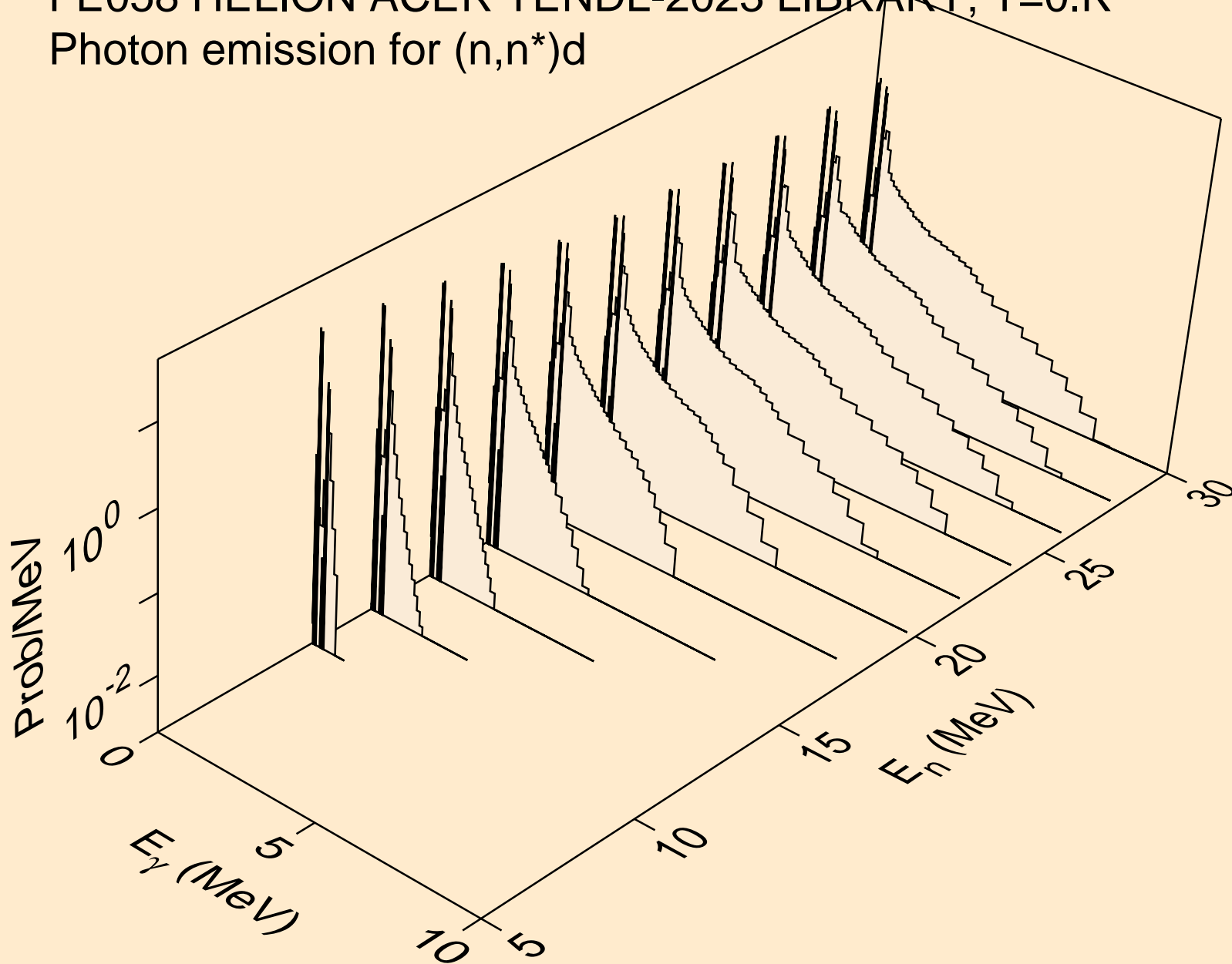
FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



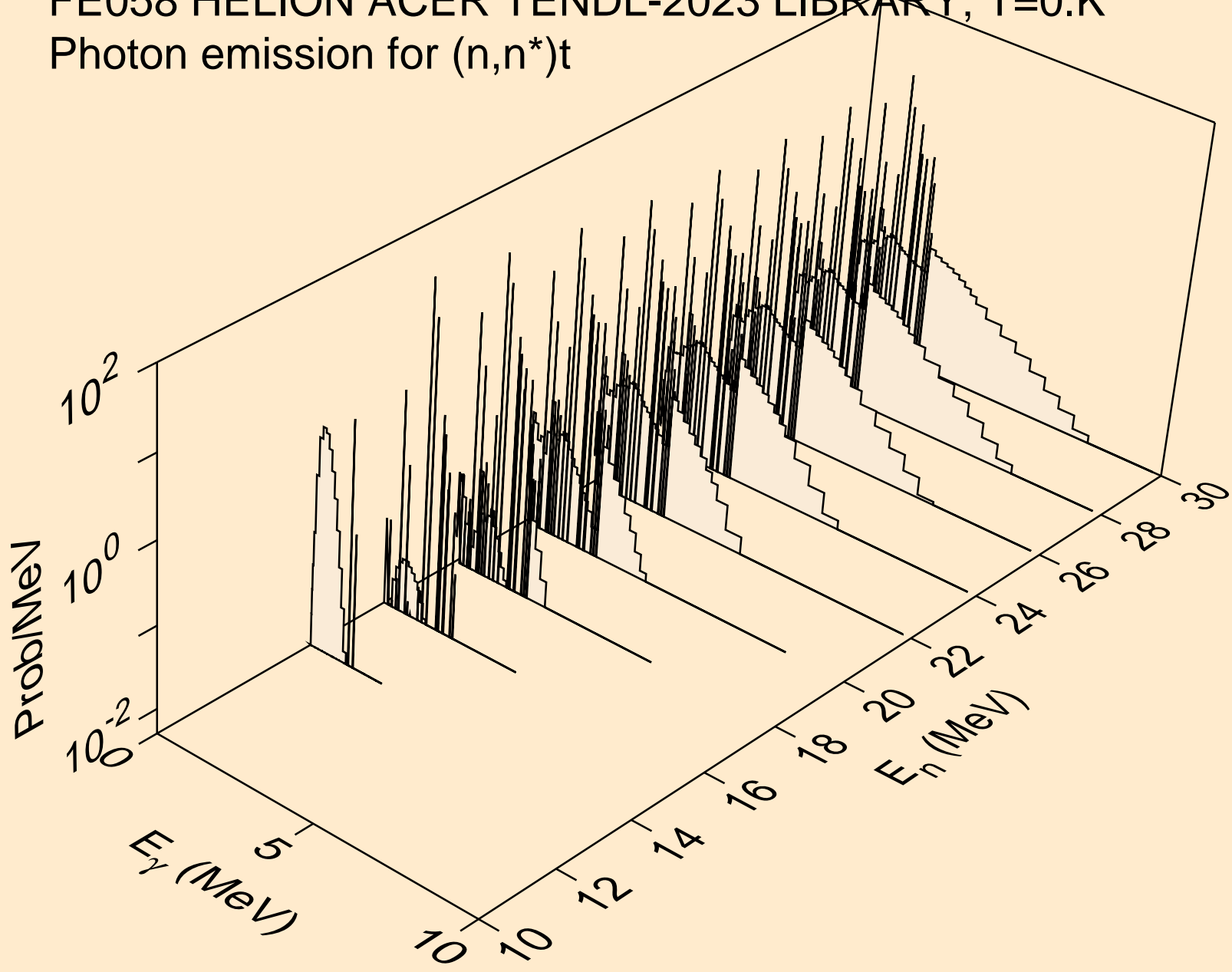
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Photon emission for (n,n\*)2a



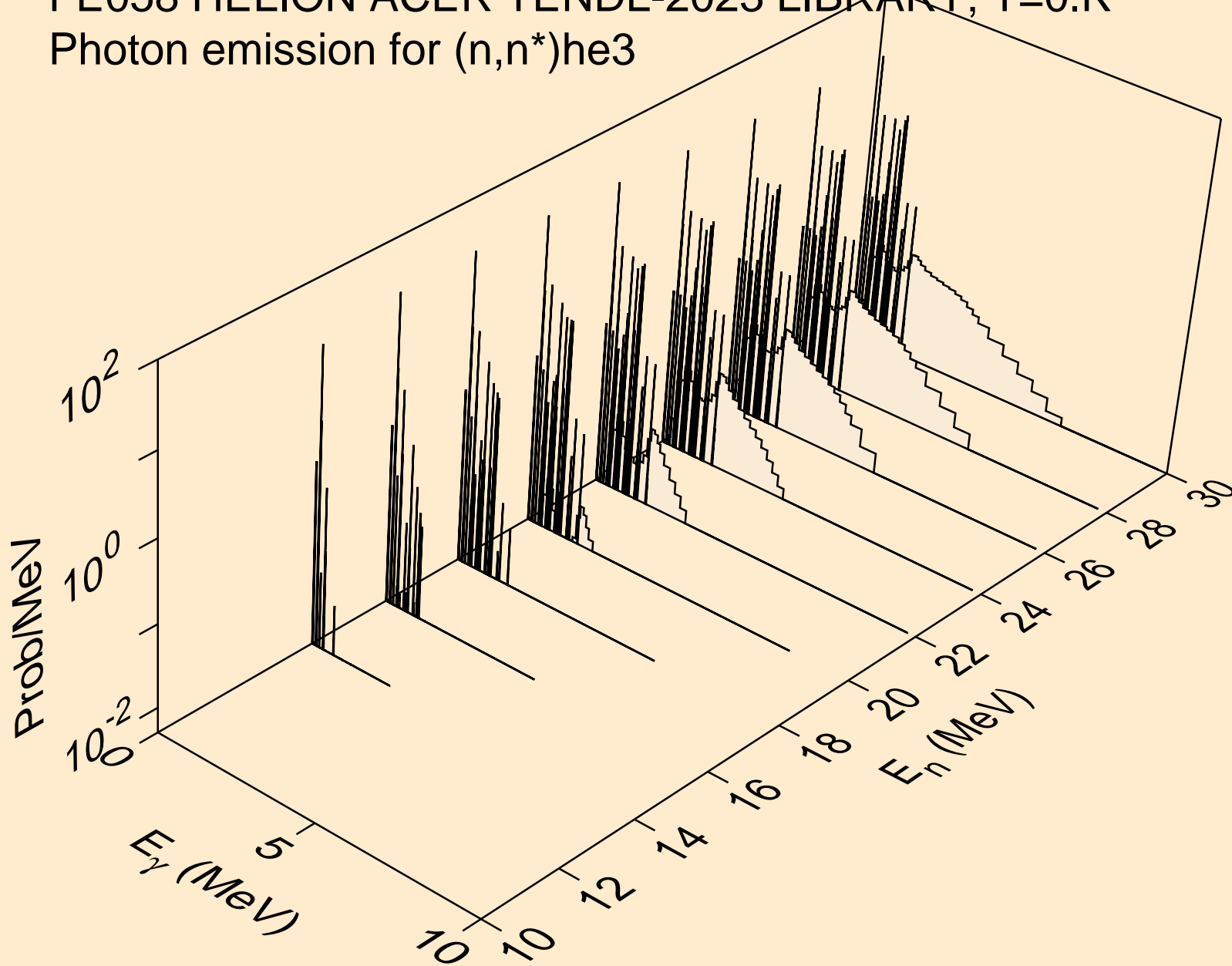
FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



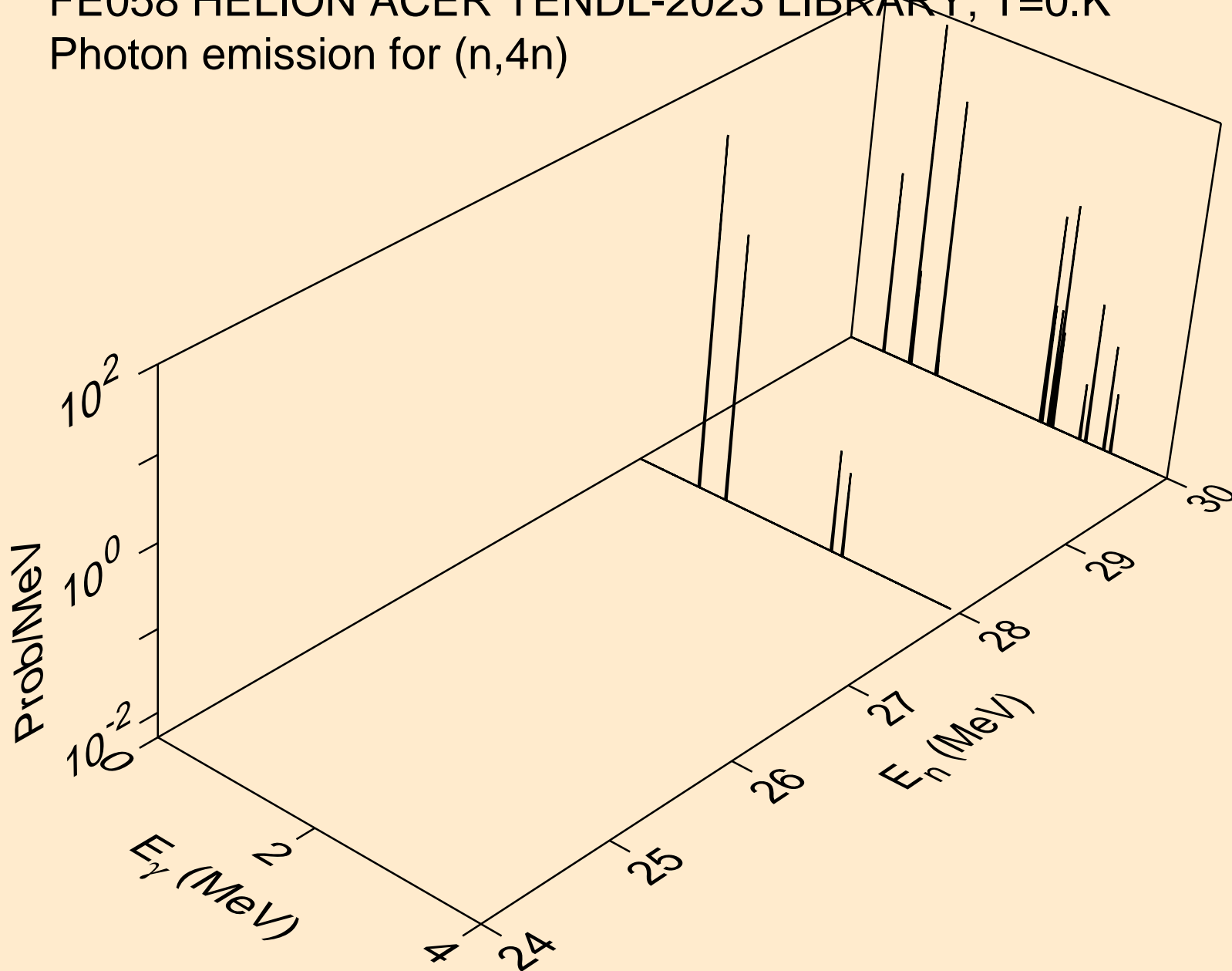
FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



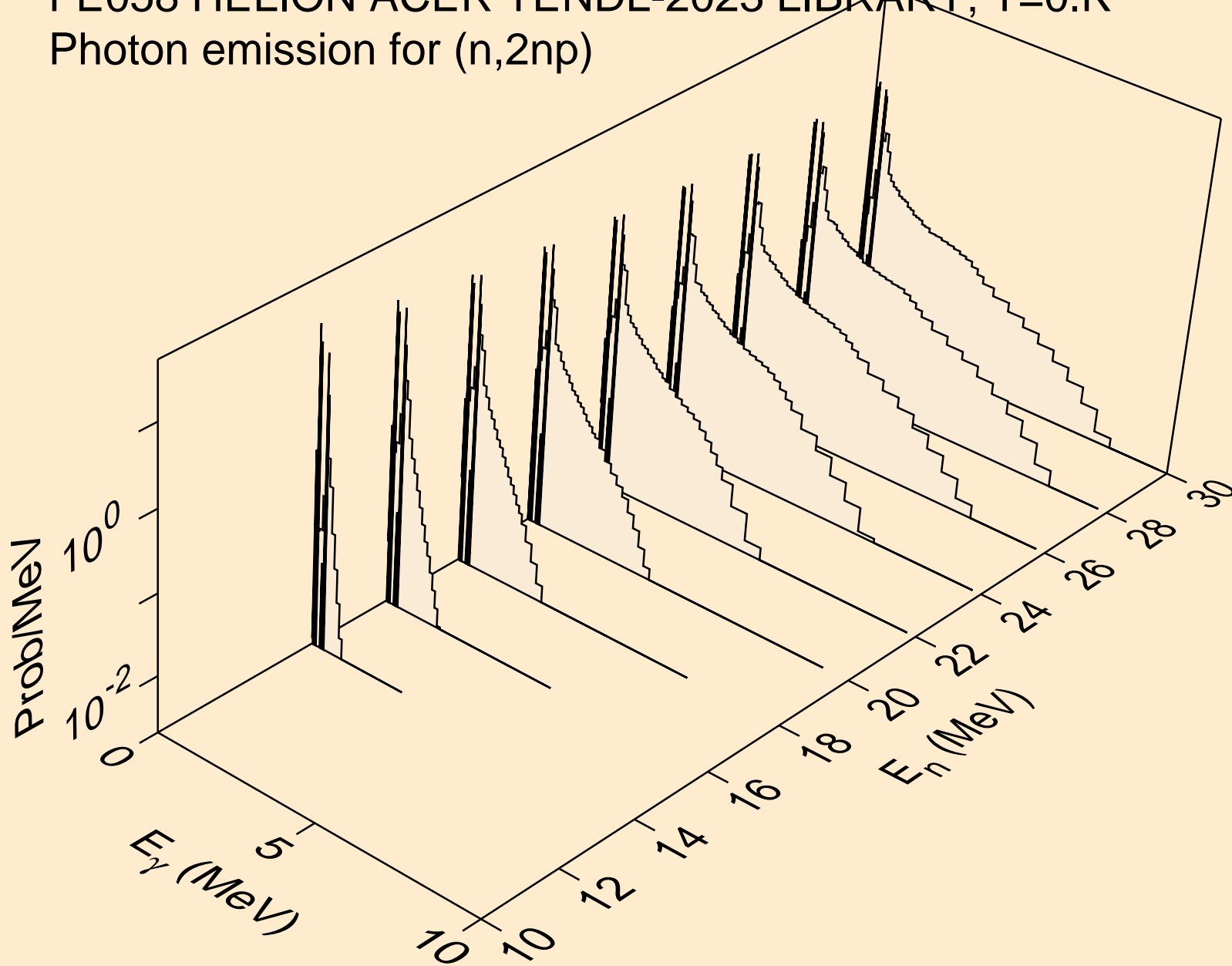
FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)

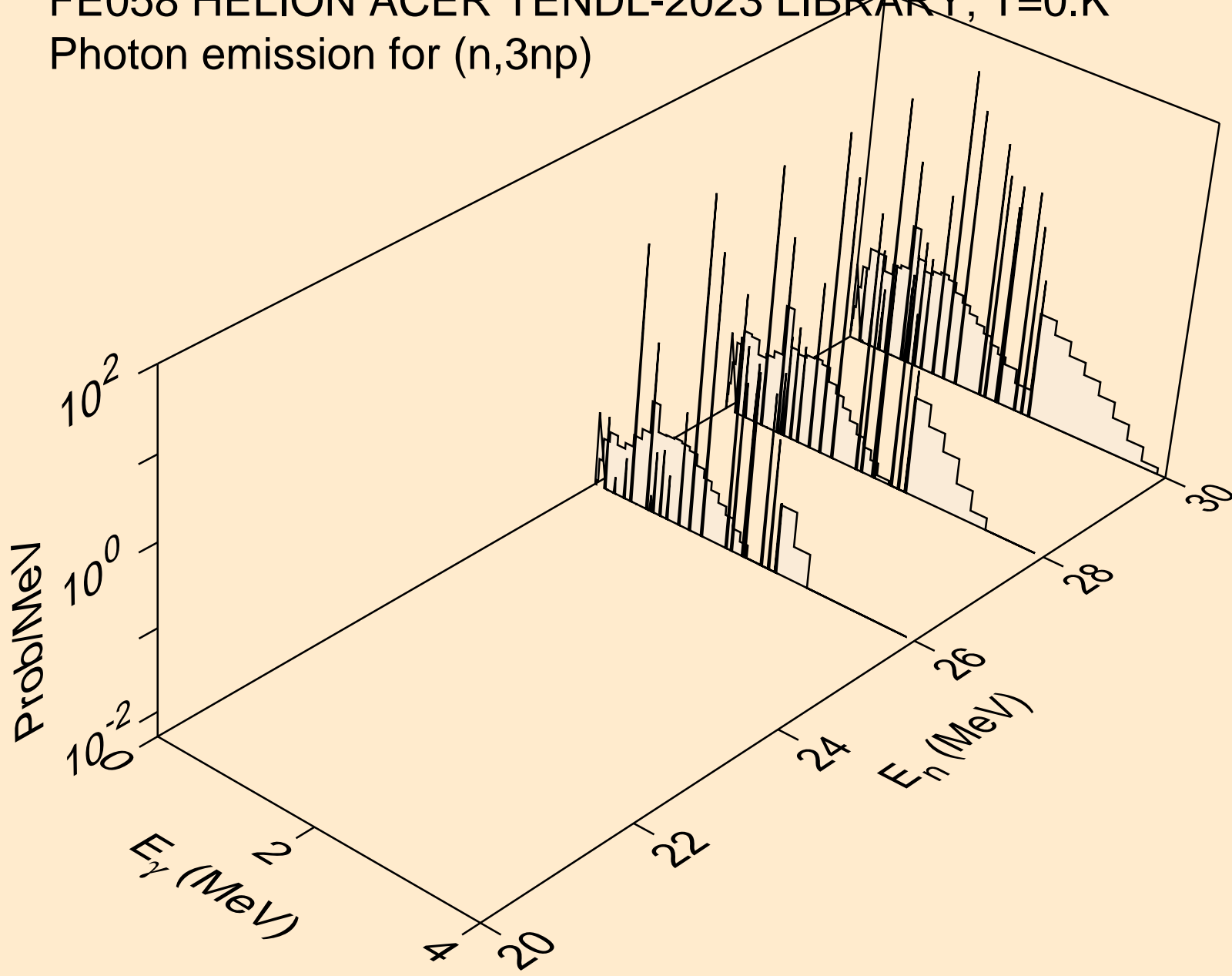


FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

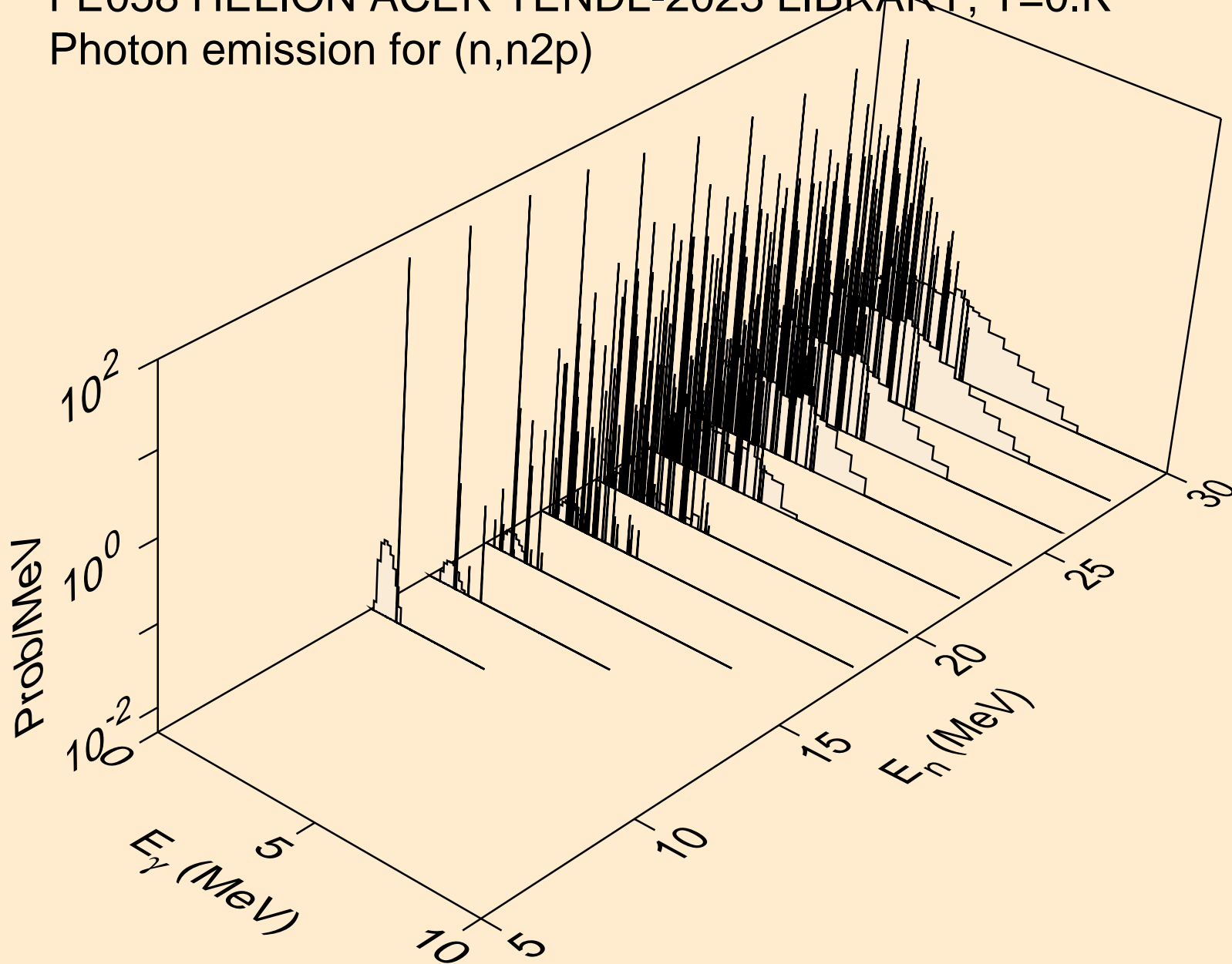




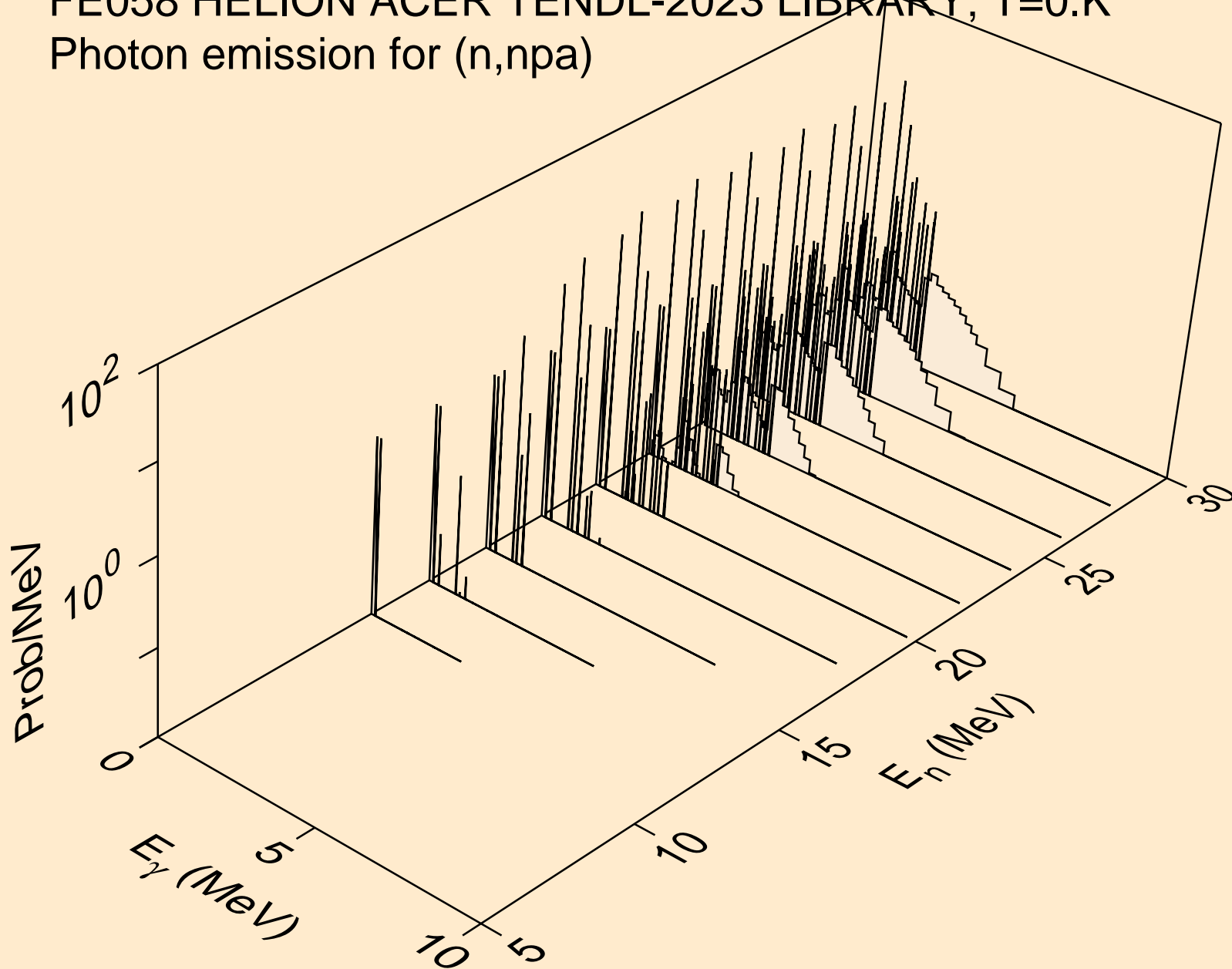
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Photon emission for (n,3np)



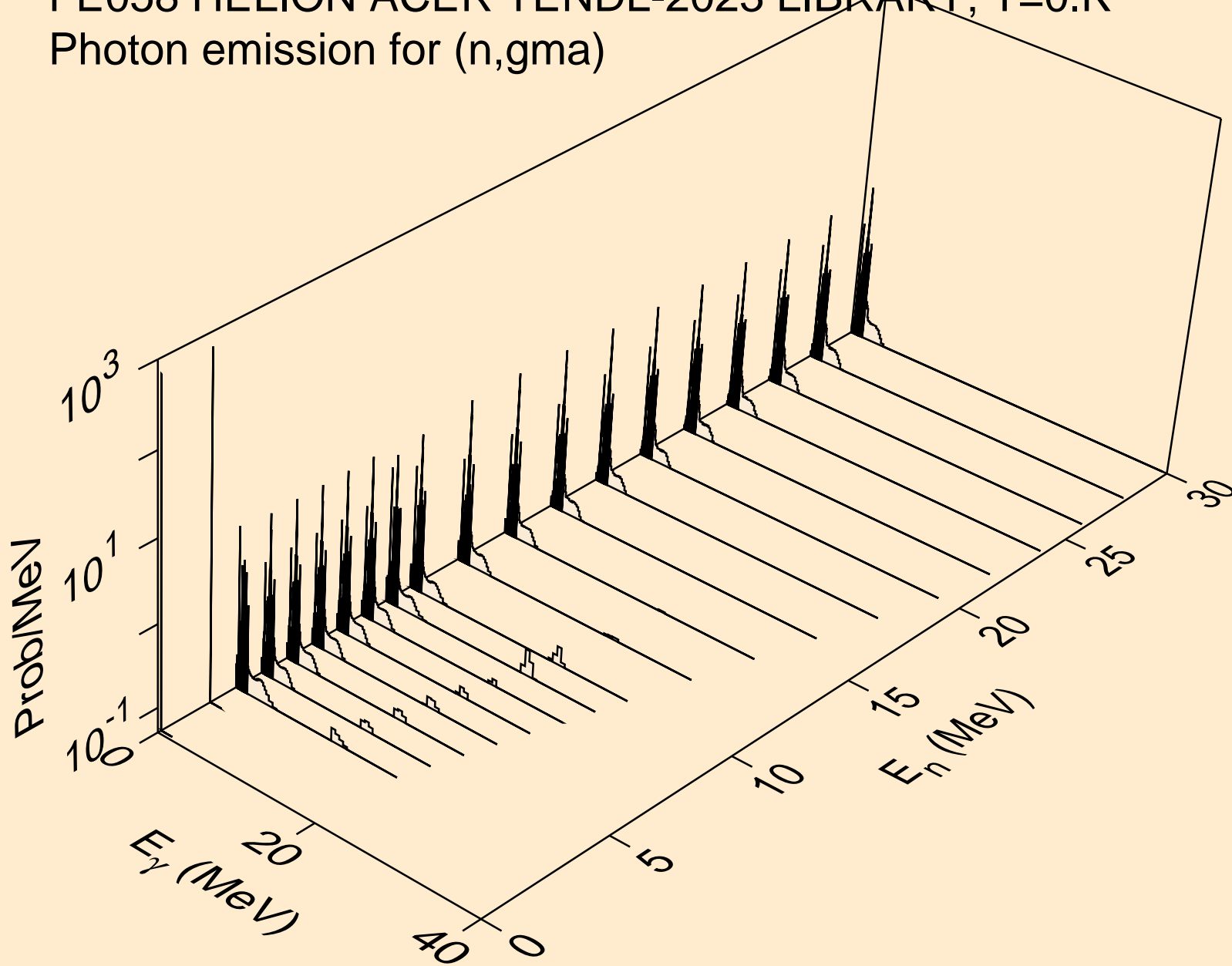
FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



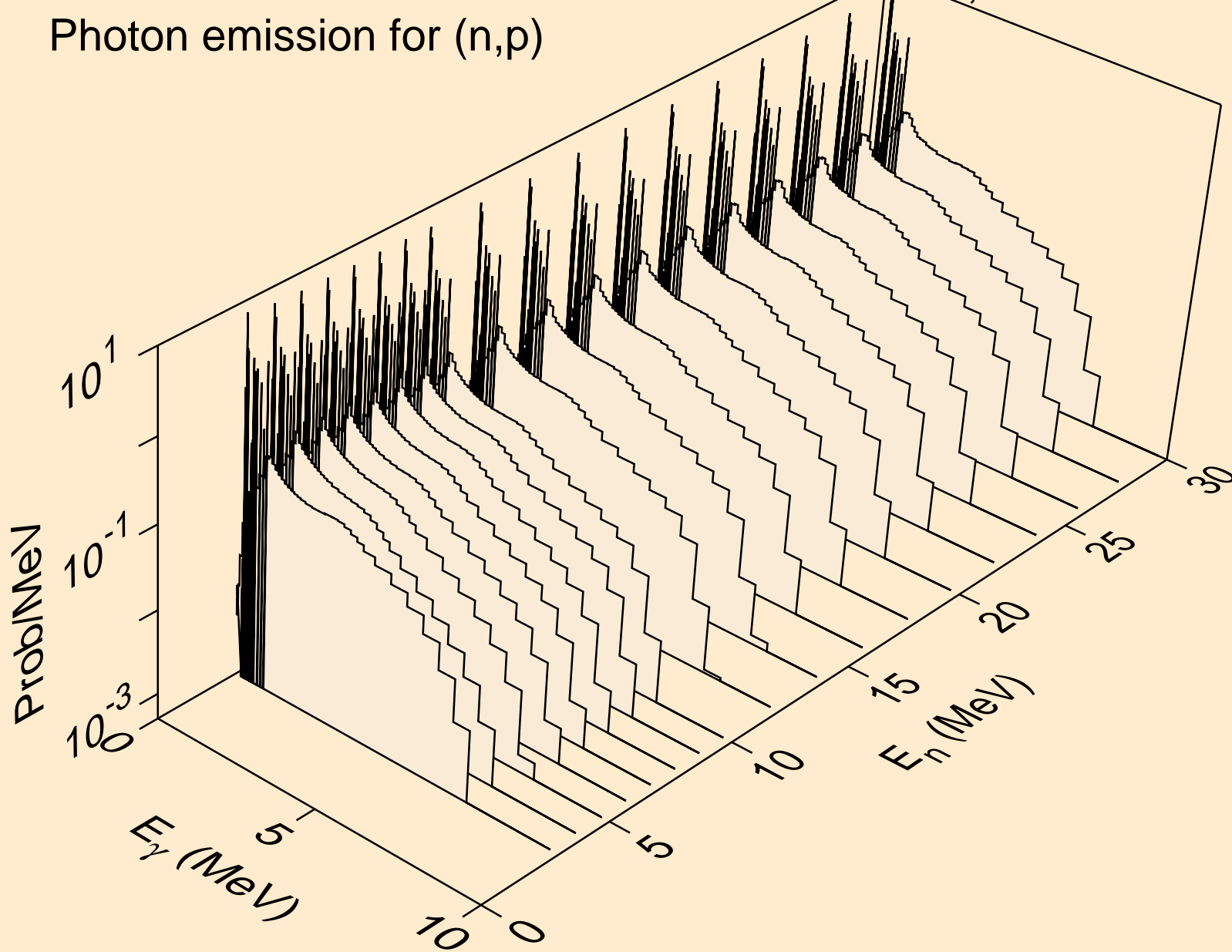
FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



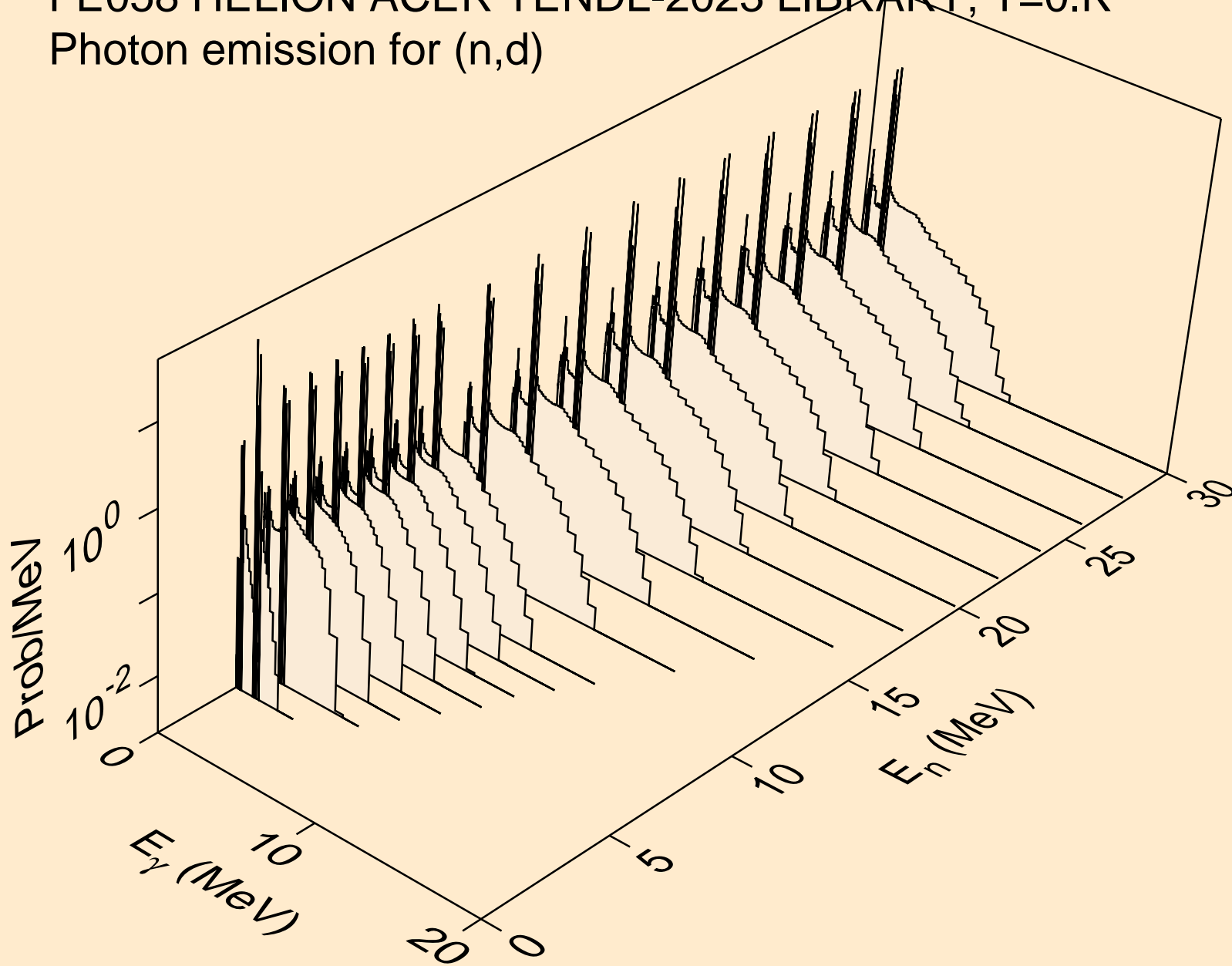
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Photon emission for (n,gma)



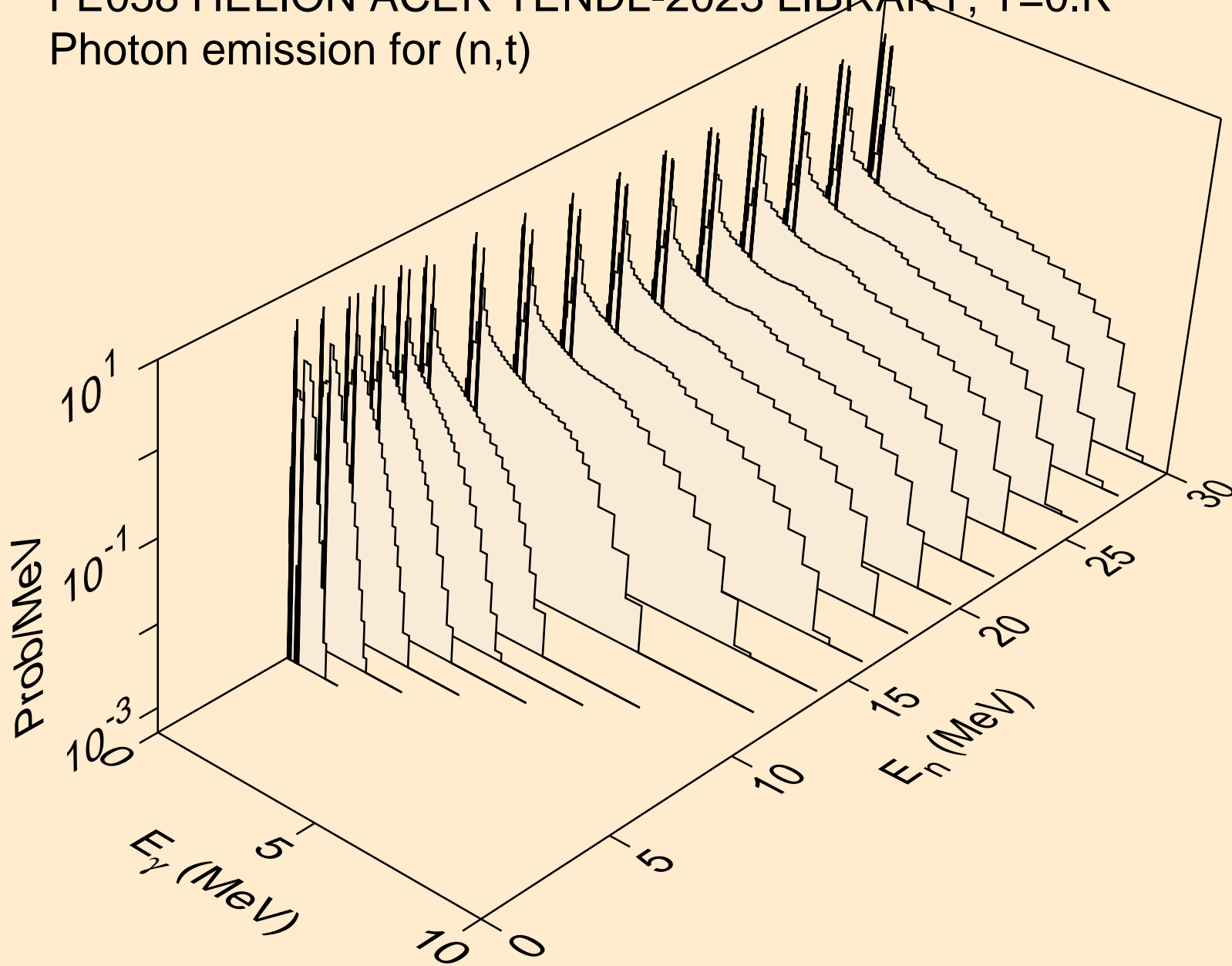
FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



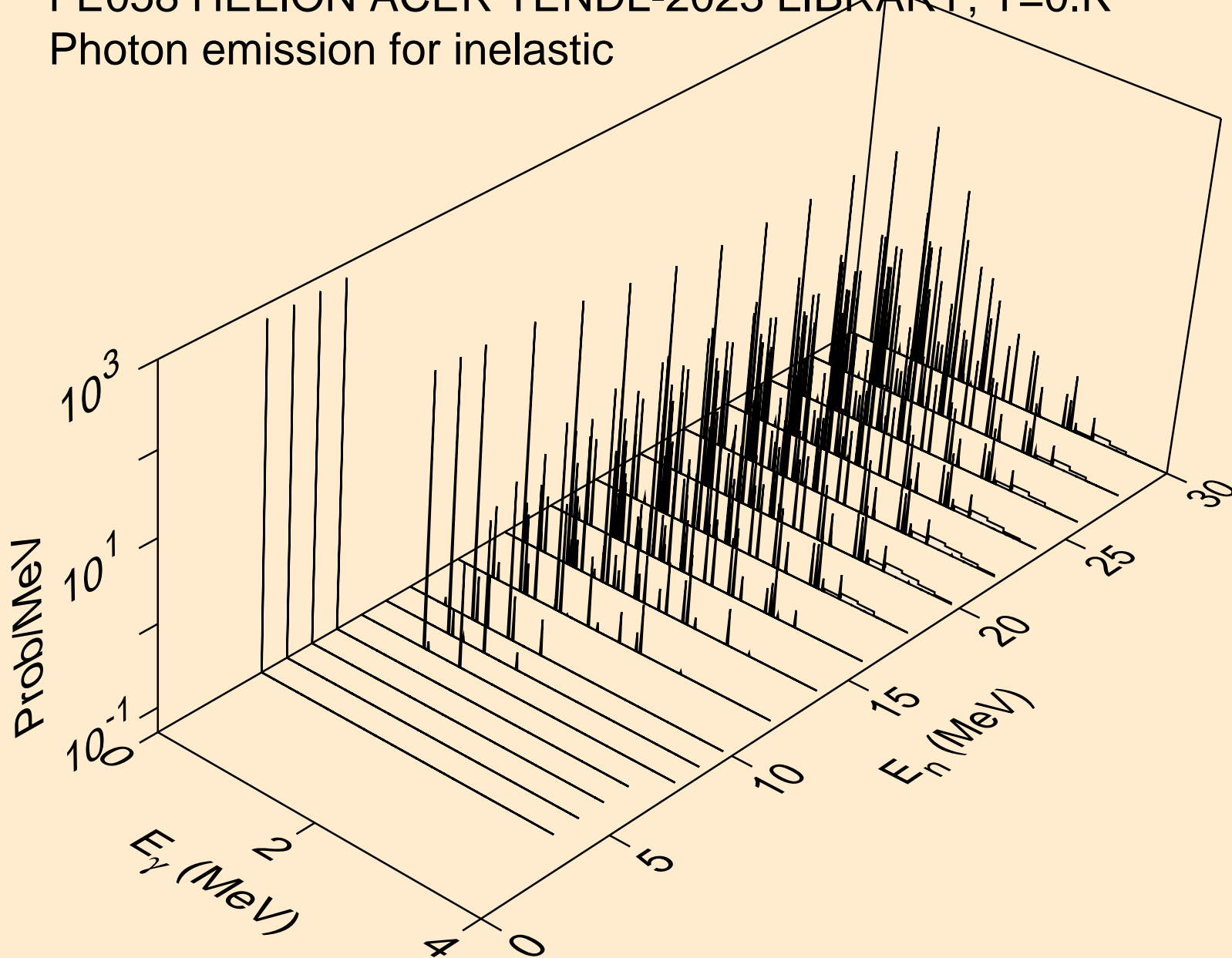
FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)

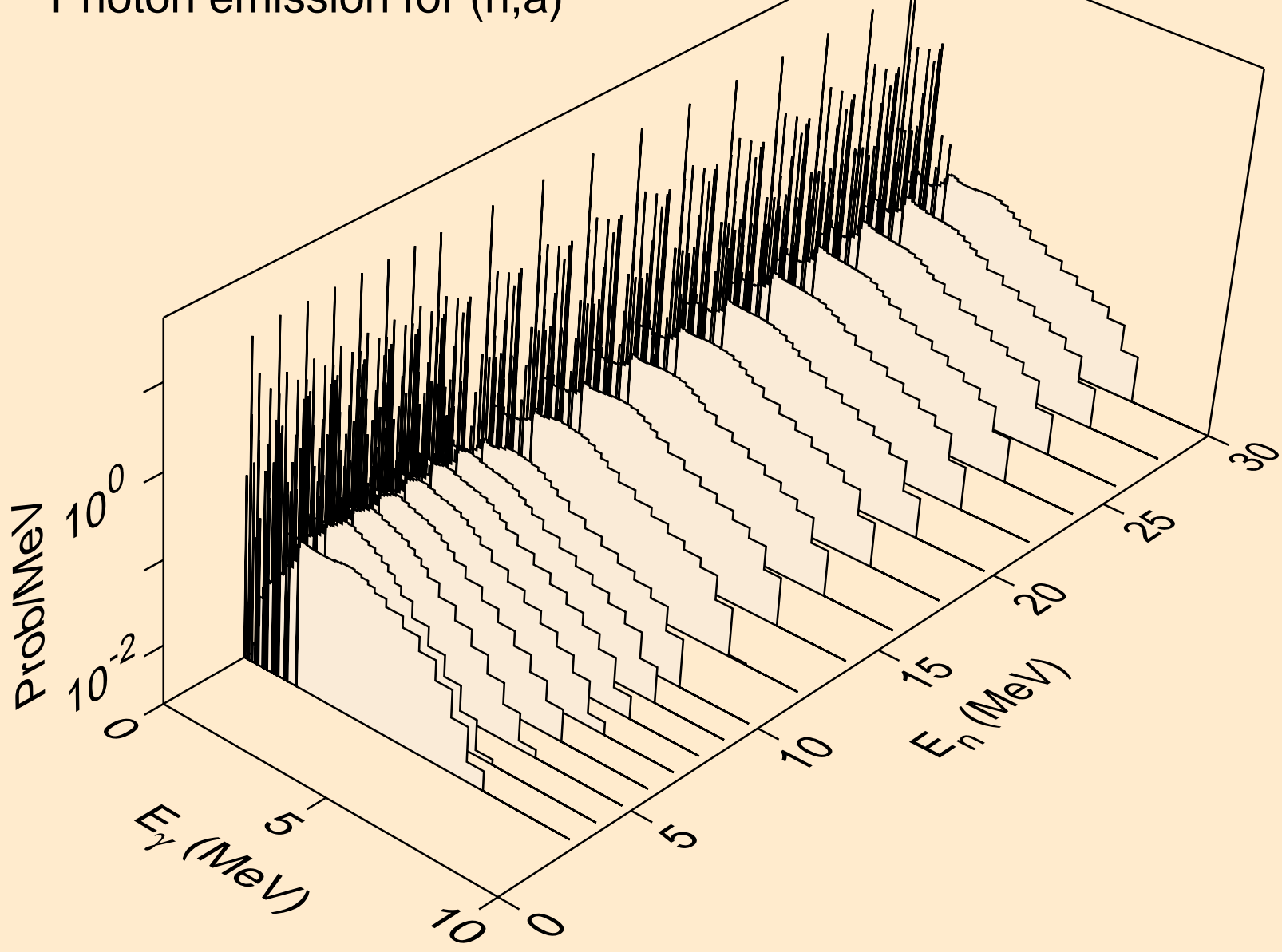


FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

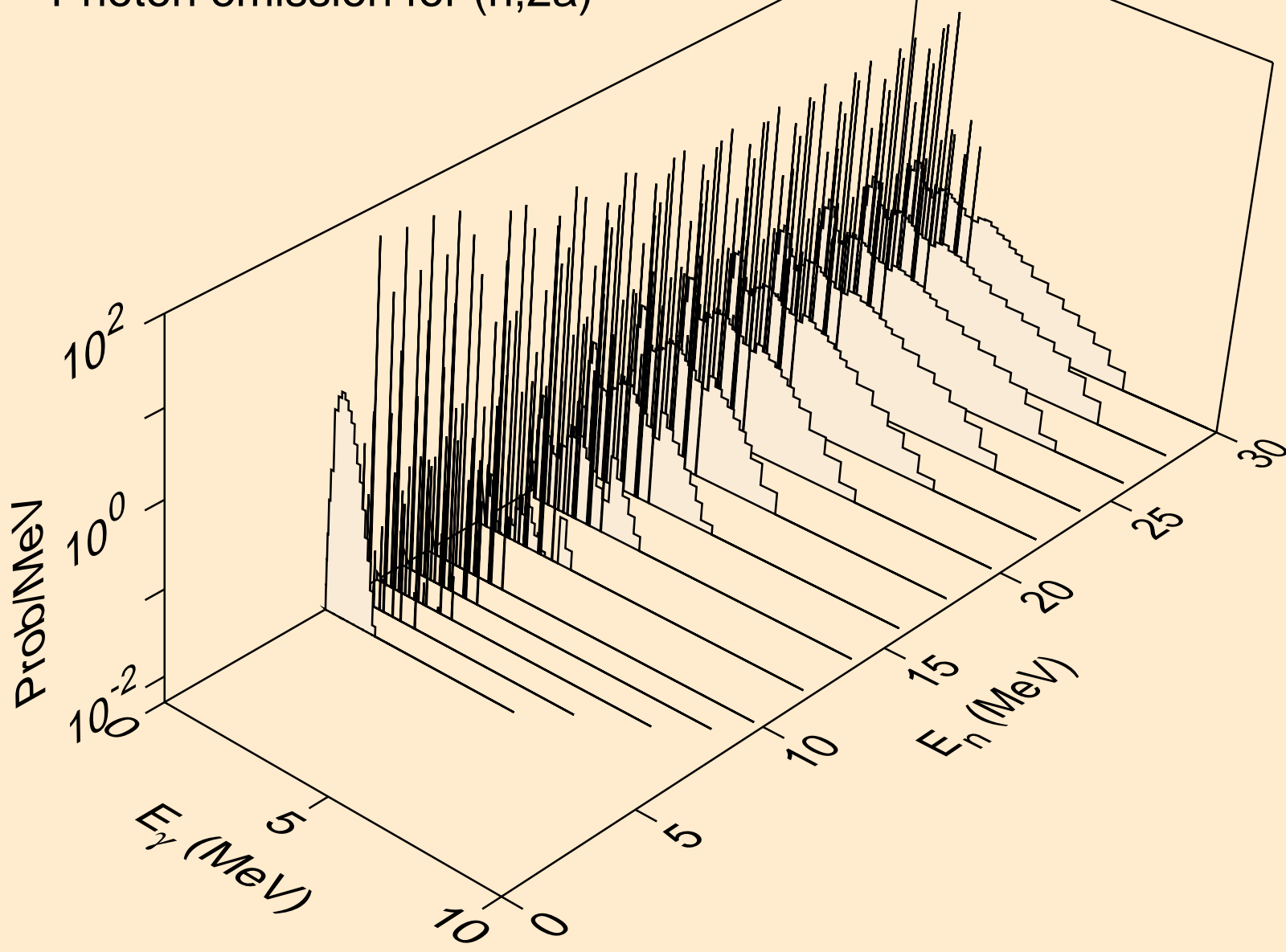




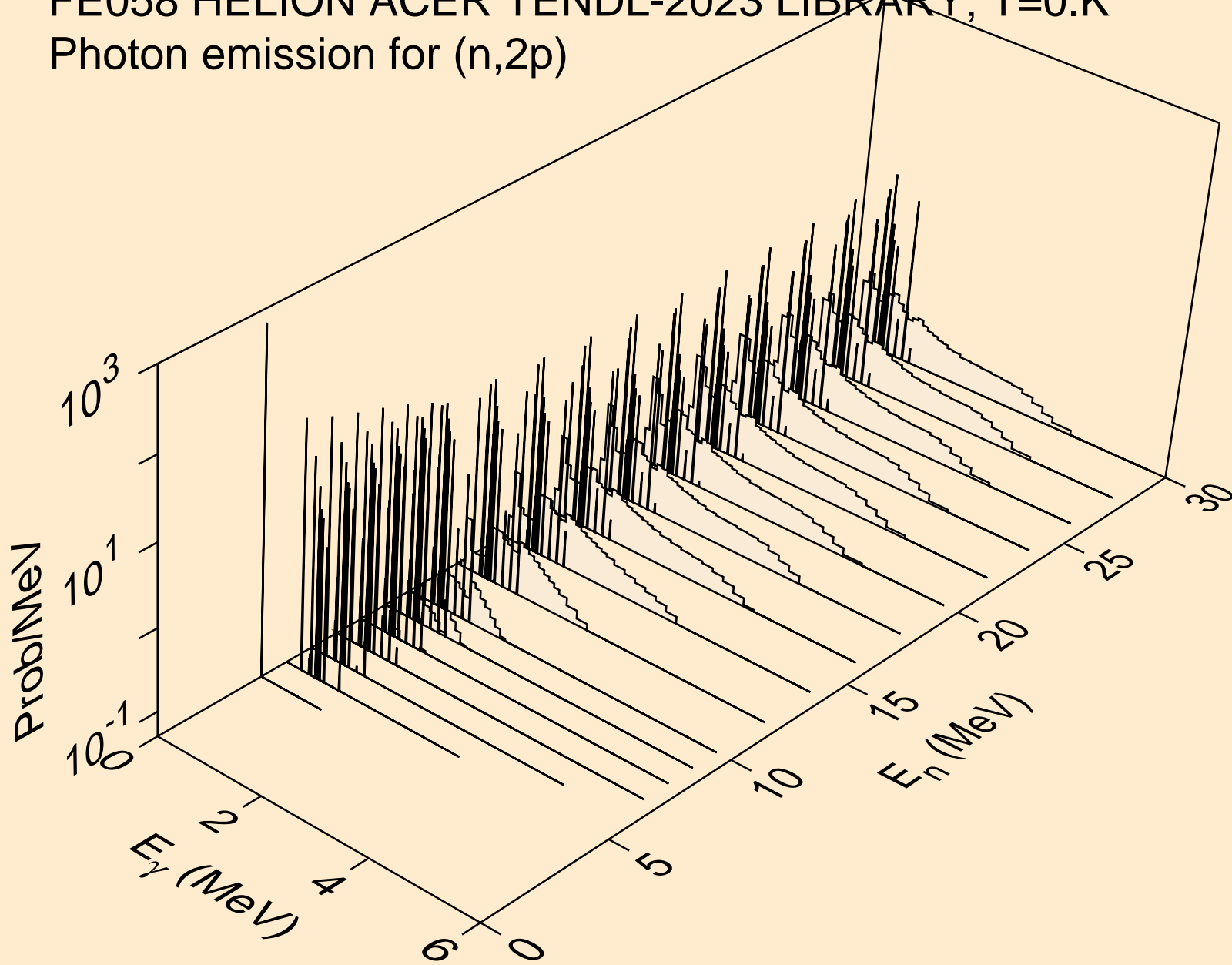
FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



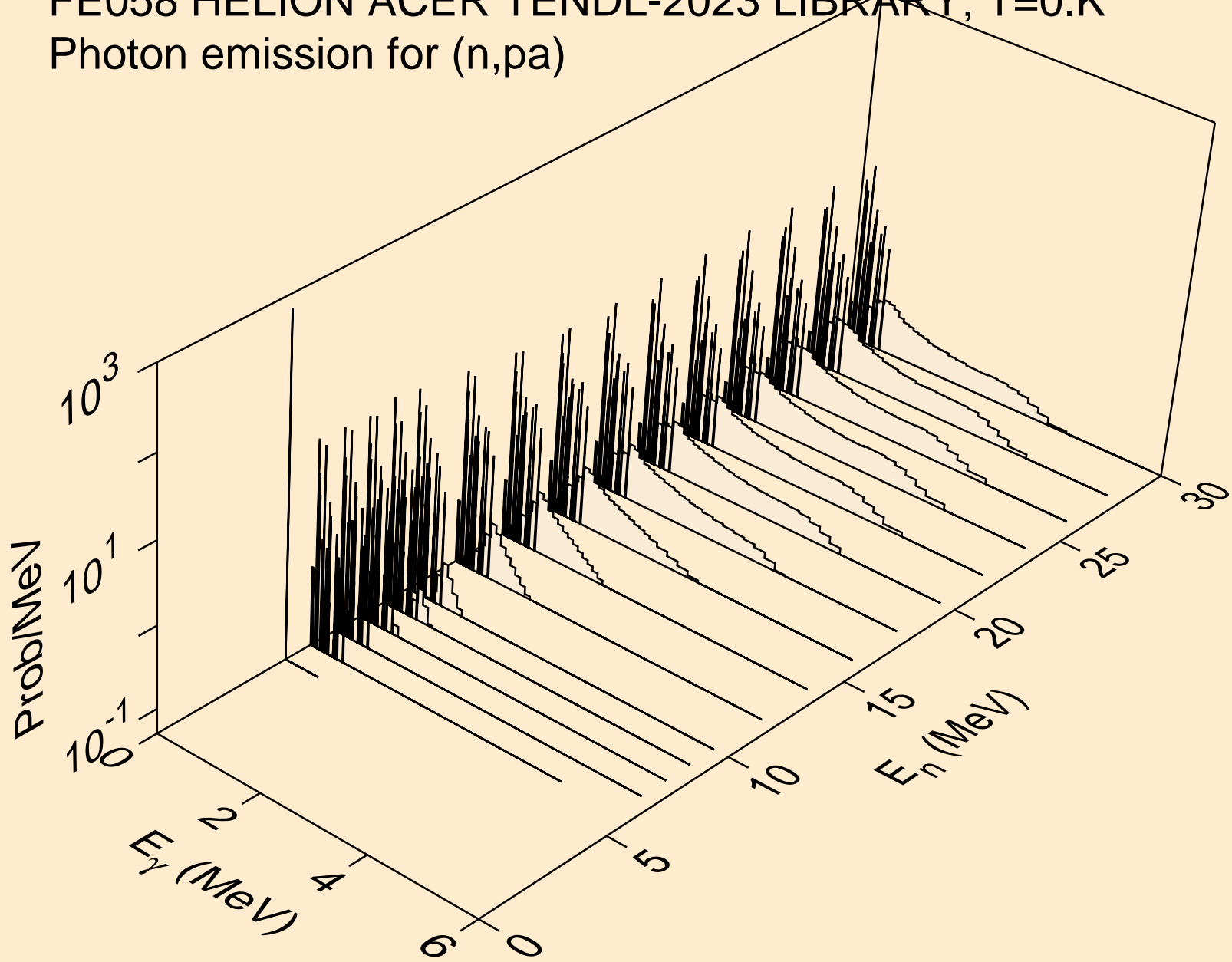
FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



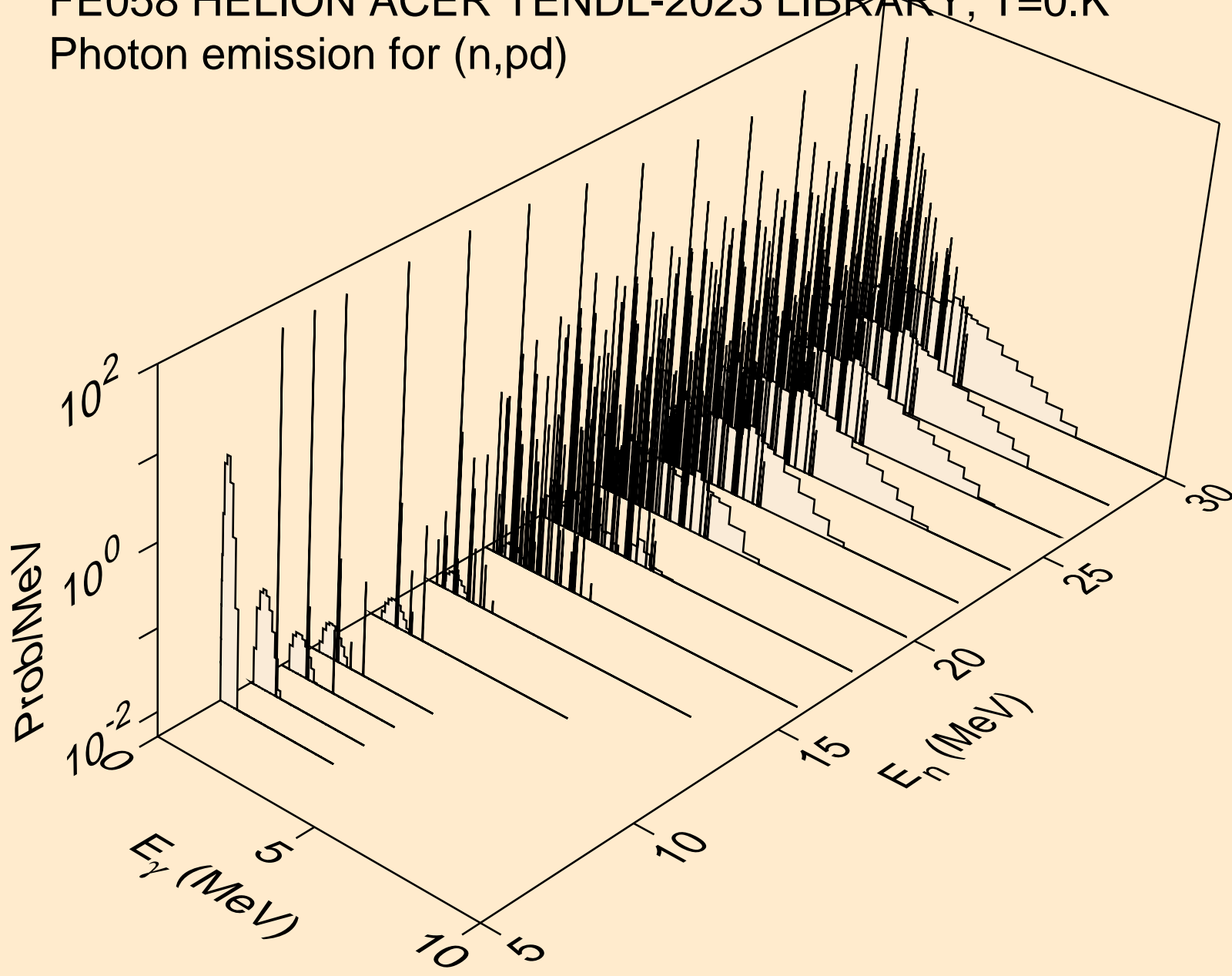
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Photon emission for (n,2p)



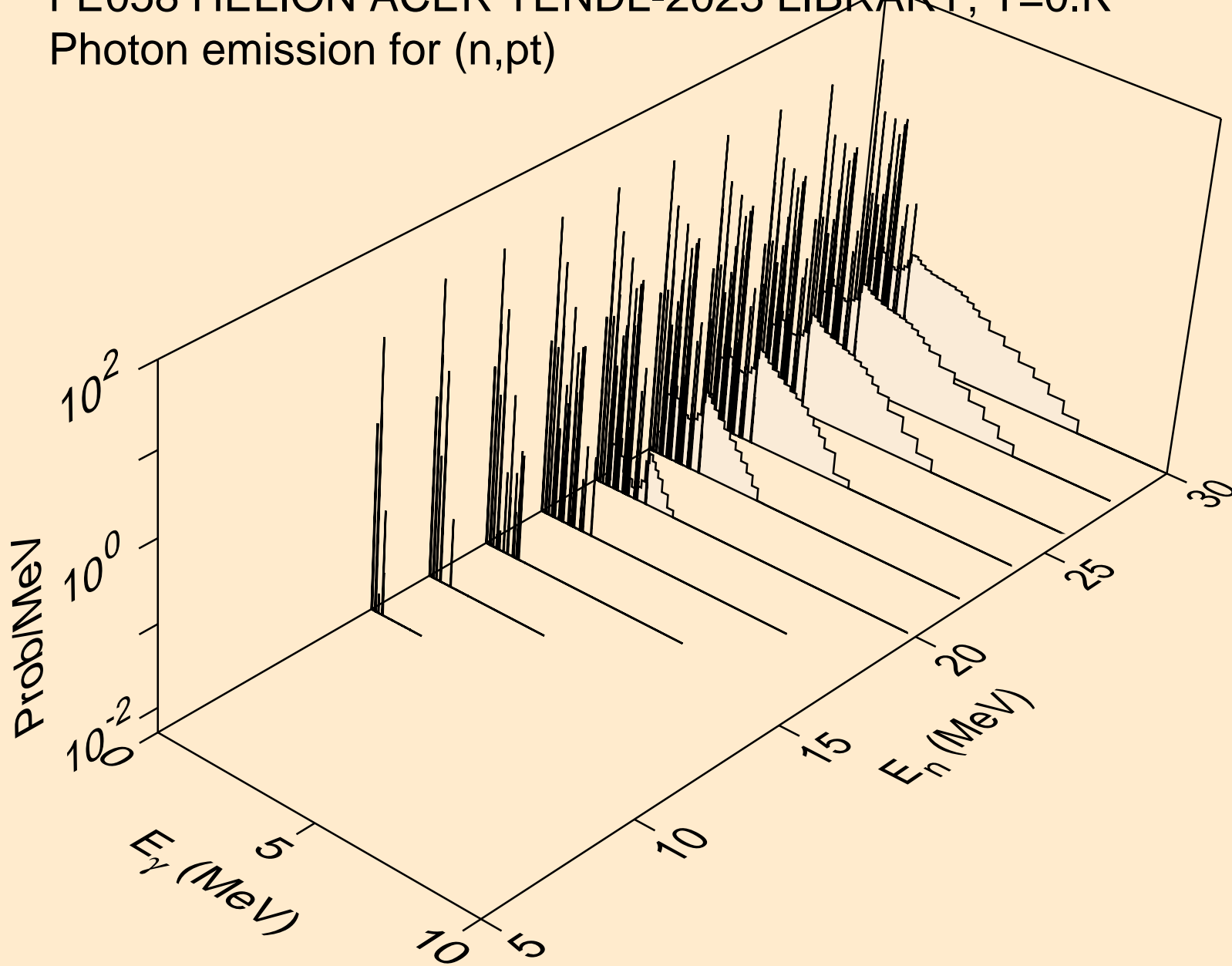
FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



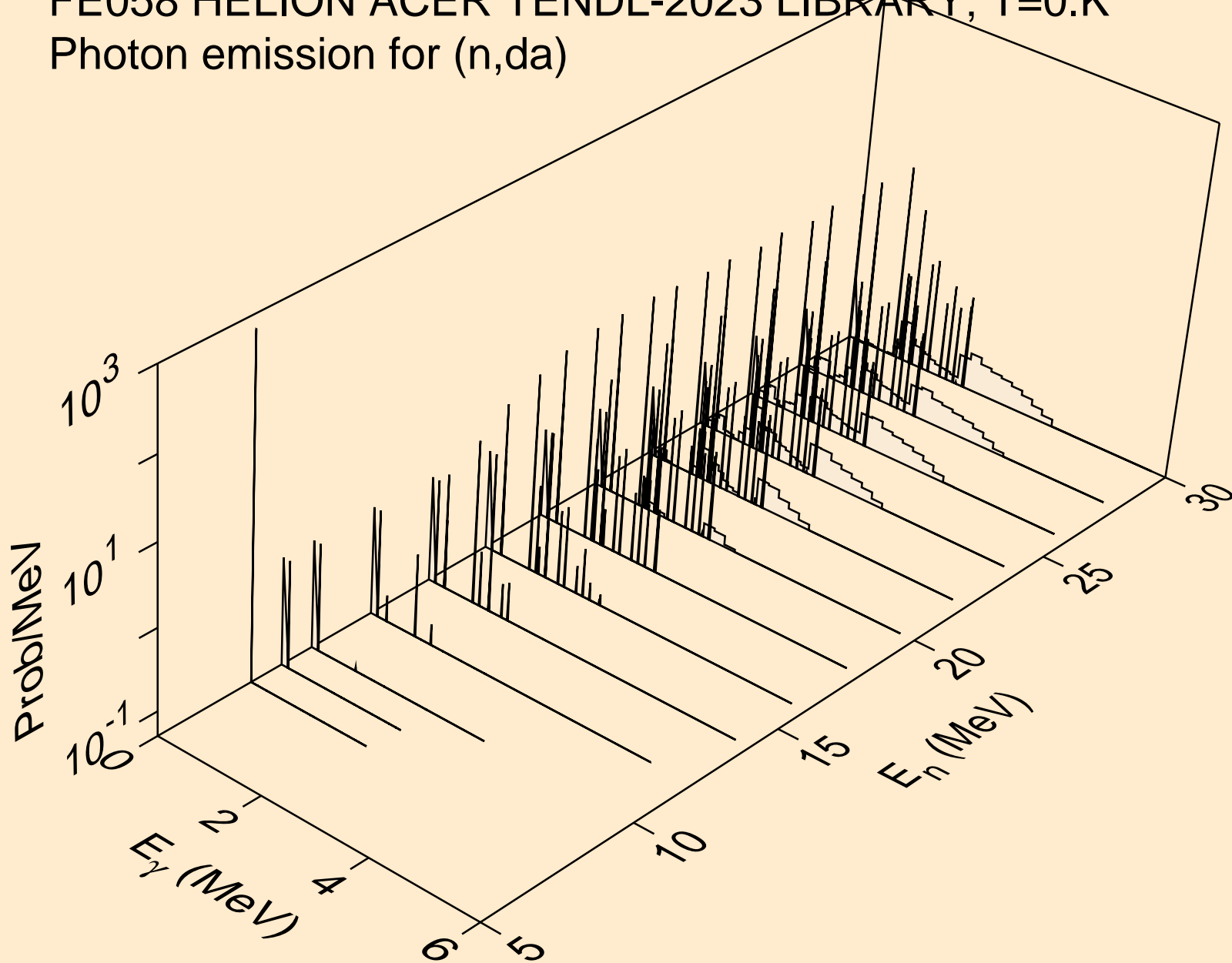
FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)

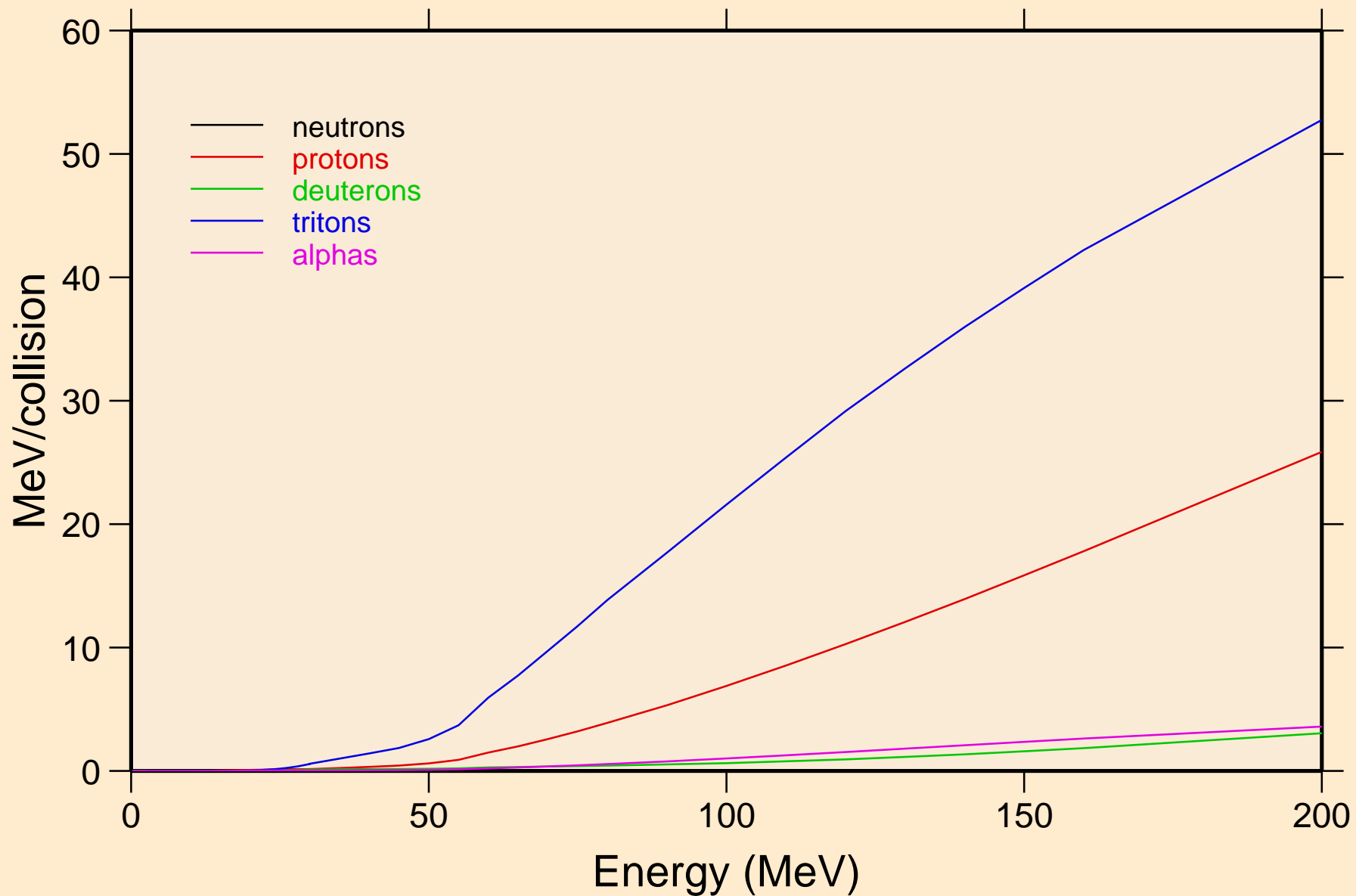


FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



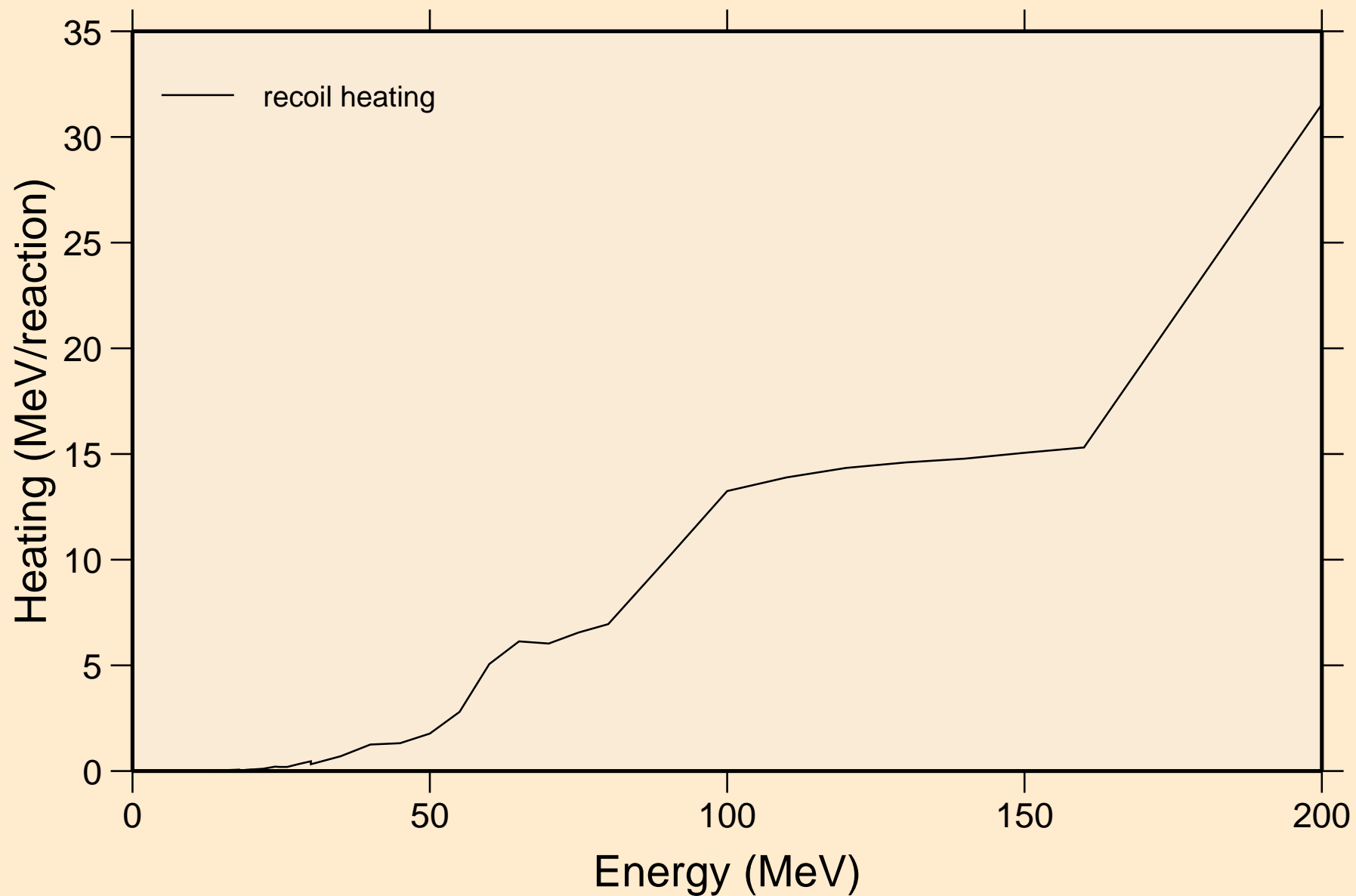
# FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions

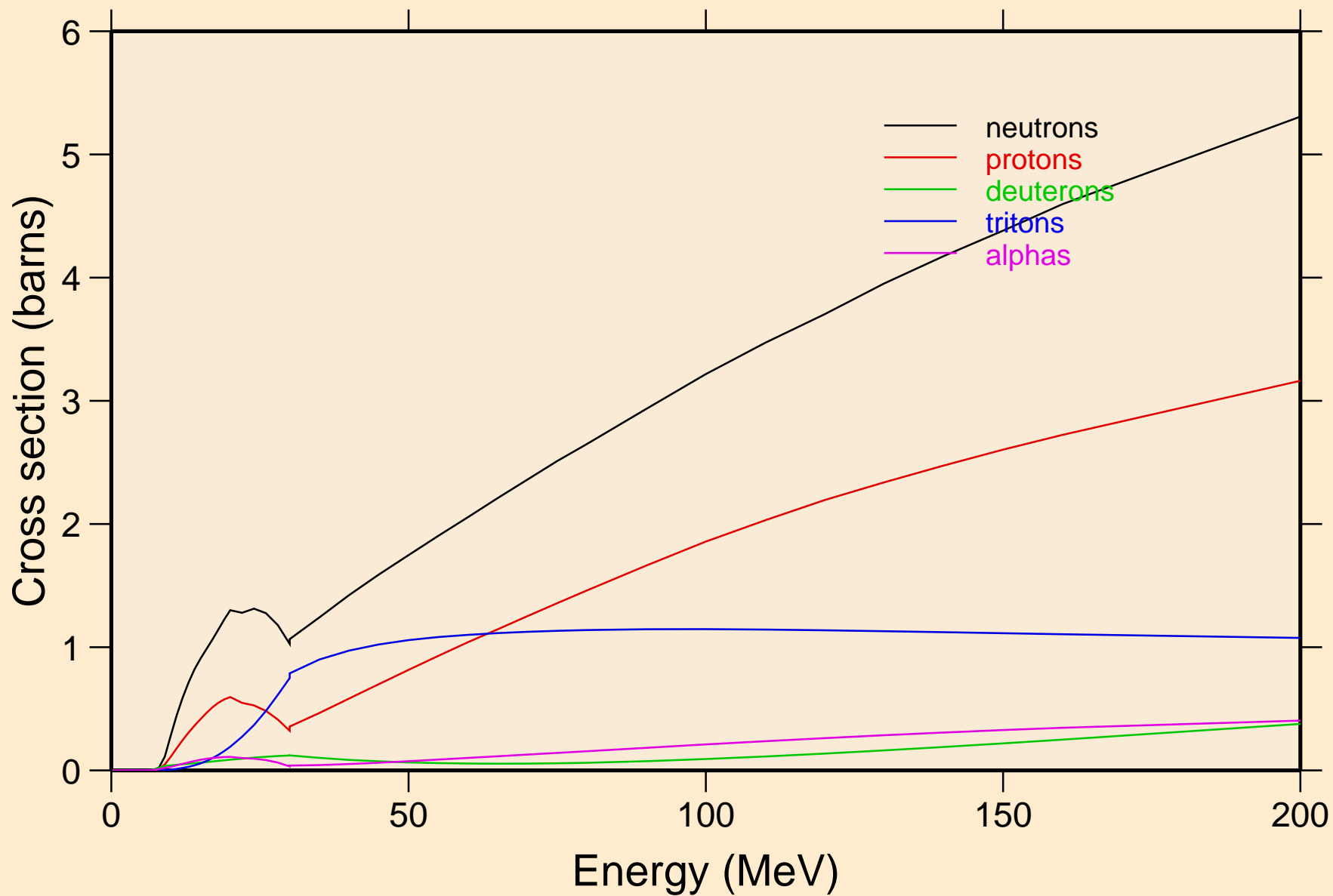




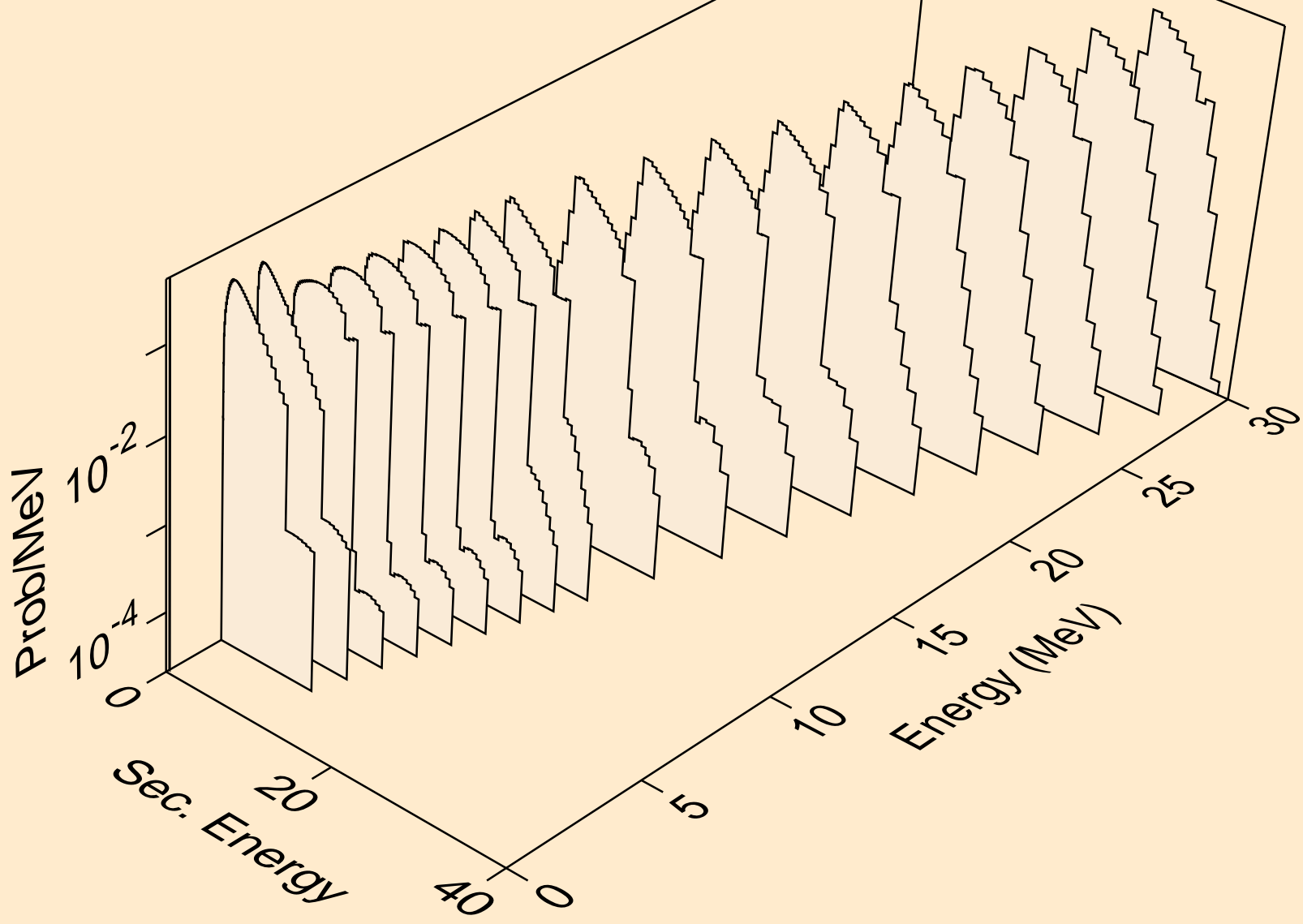
FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



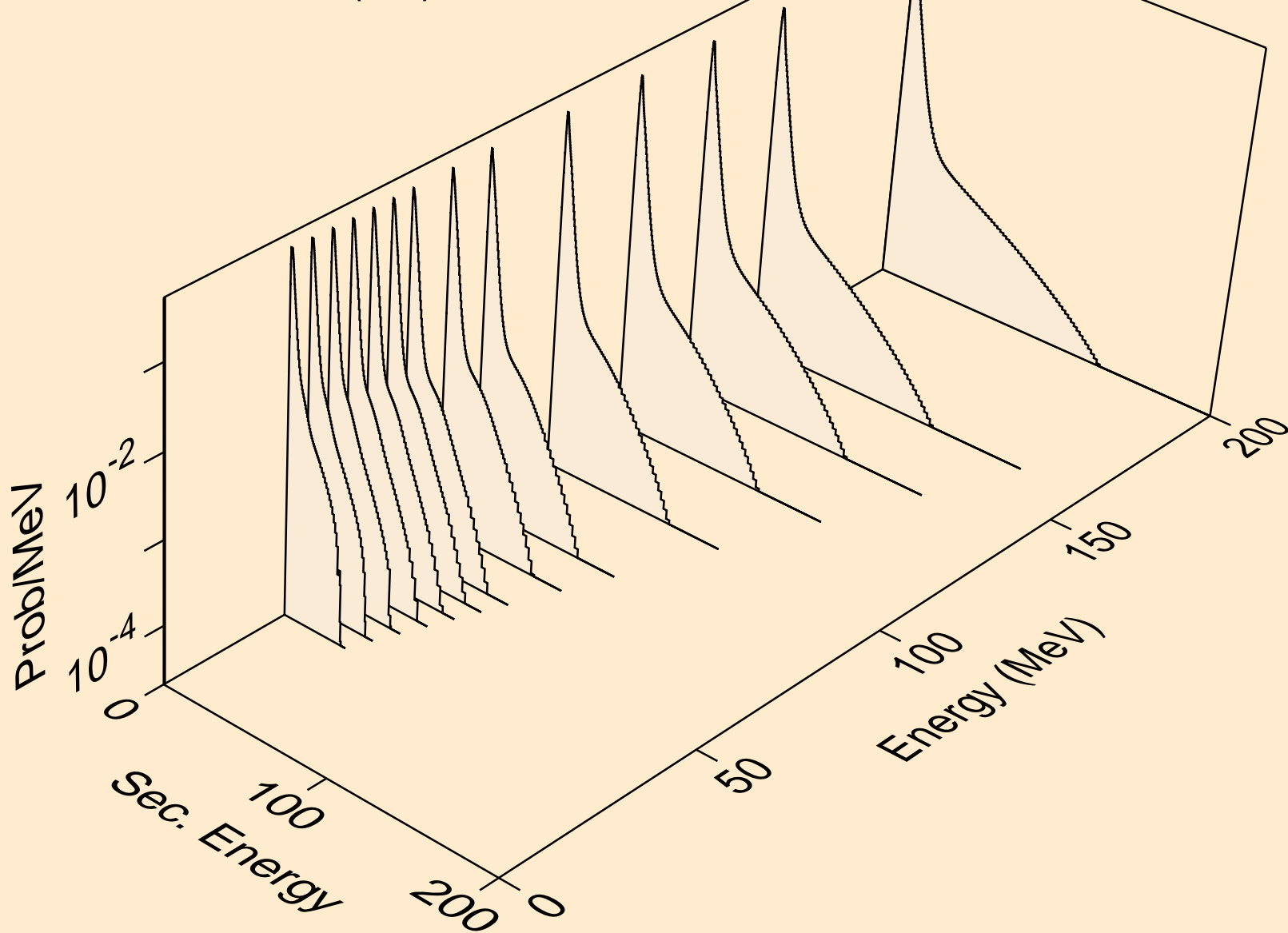
FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



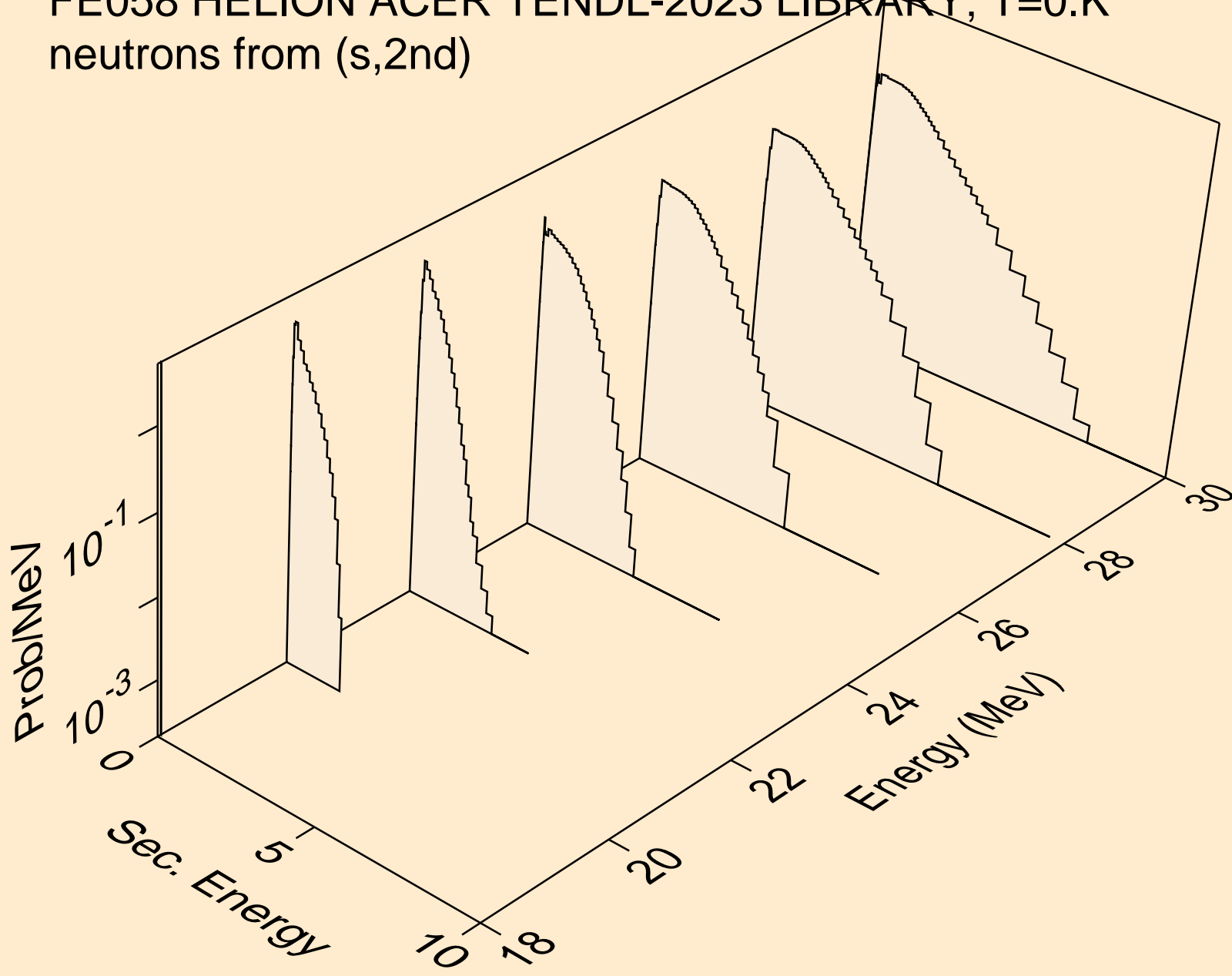
FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n)



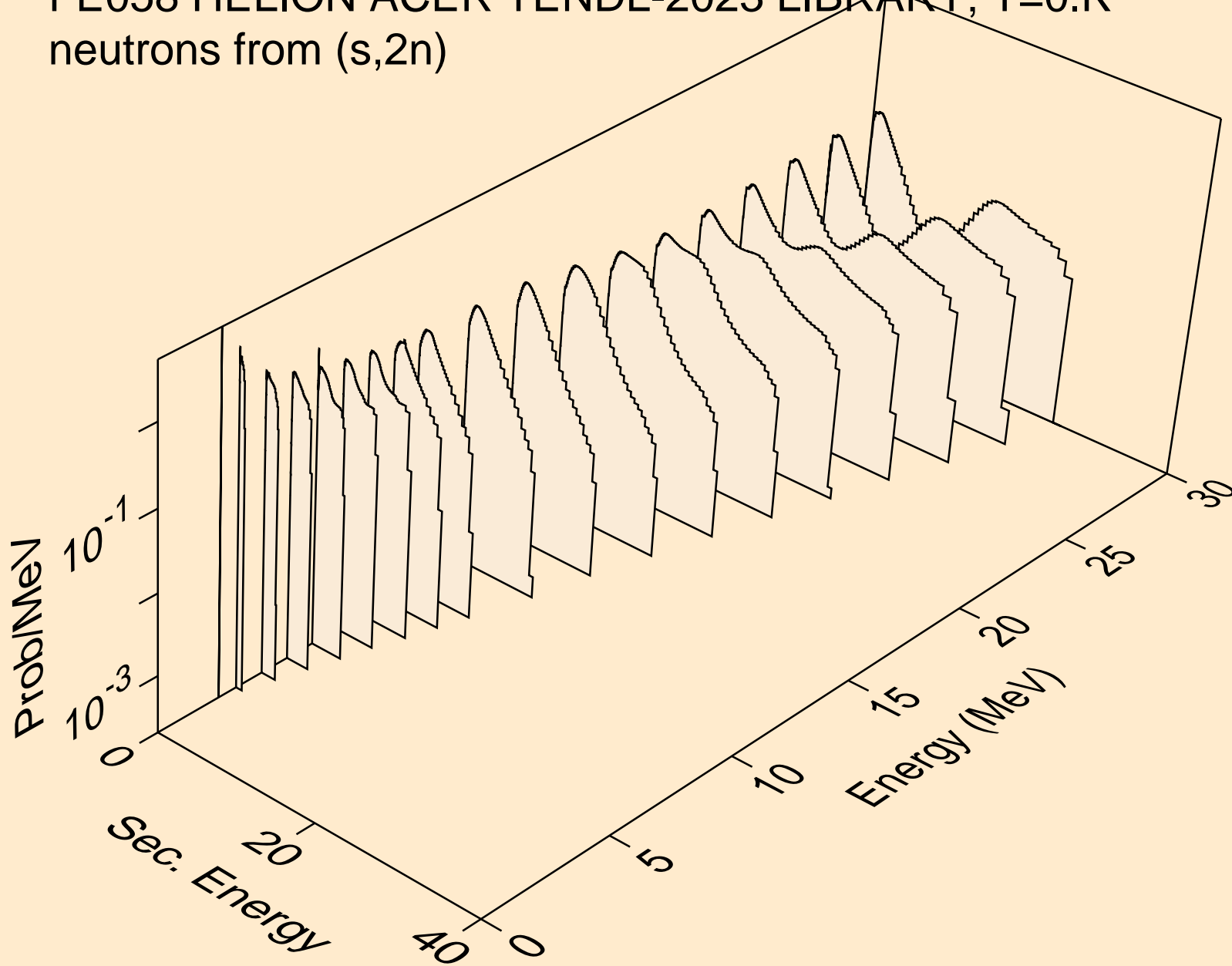
FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,x)



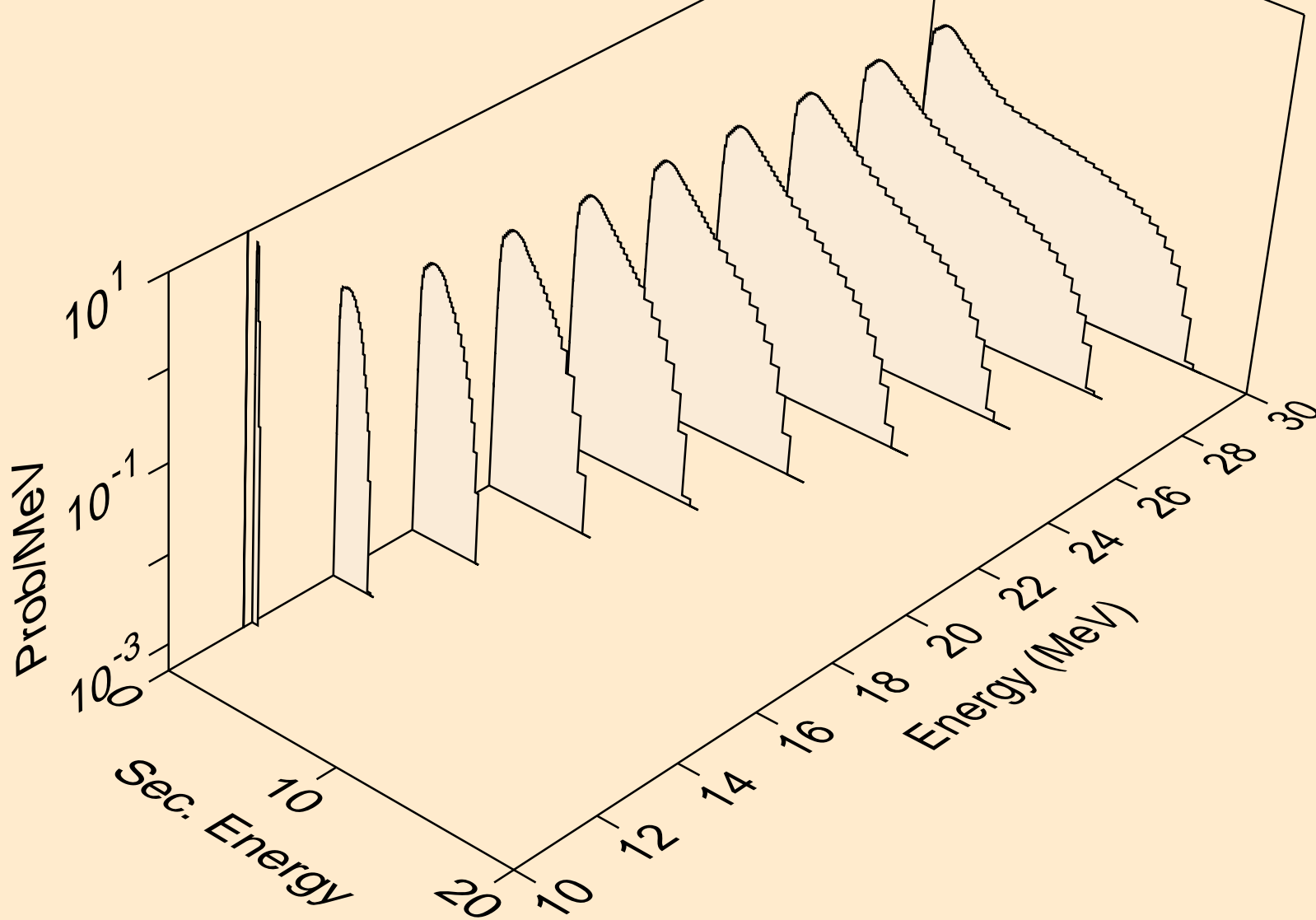
FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2nd)



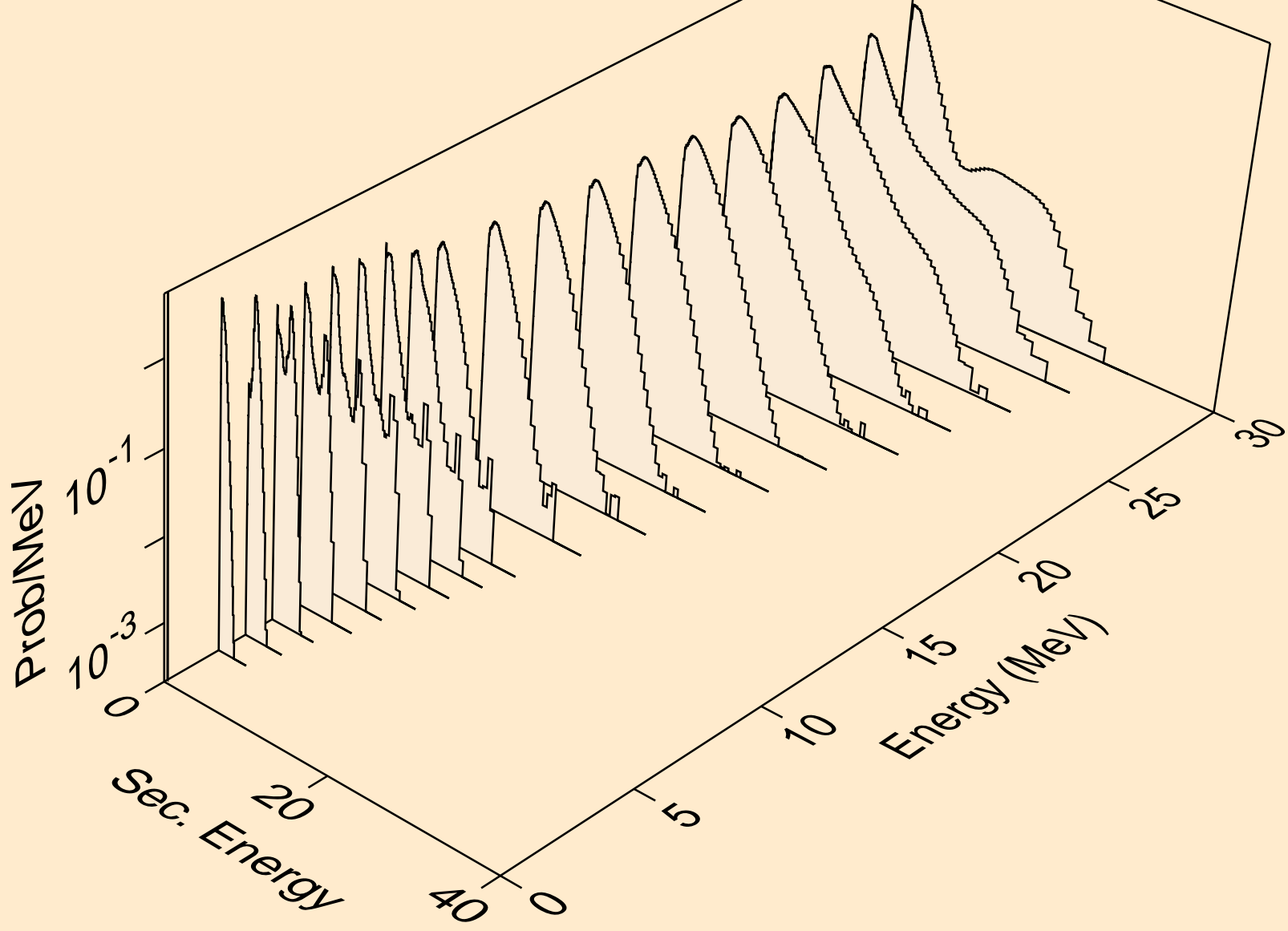
FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)



FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3n)

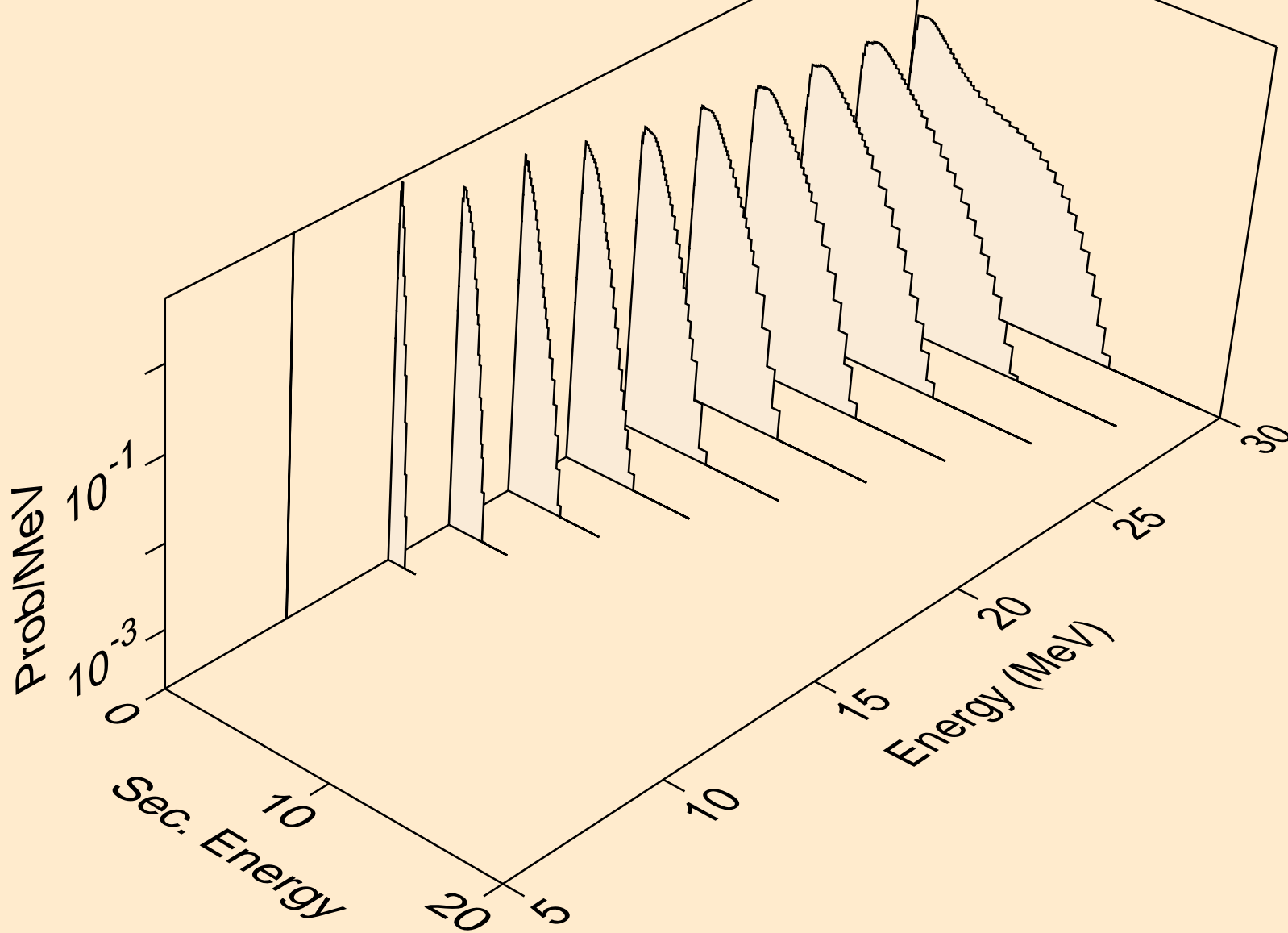


FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)a

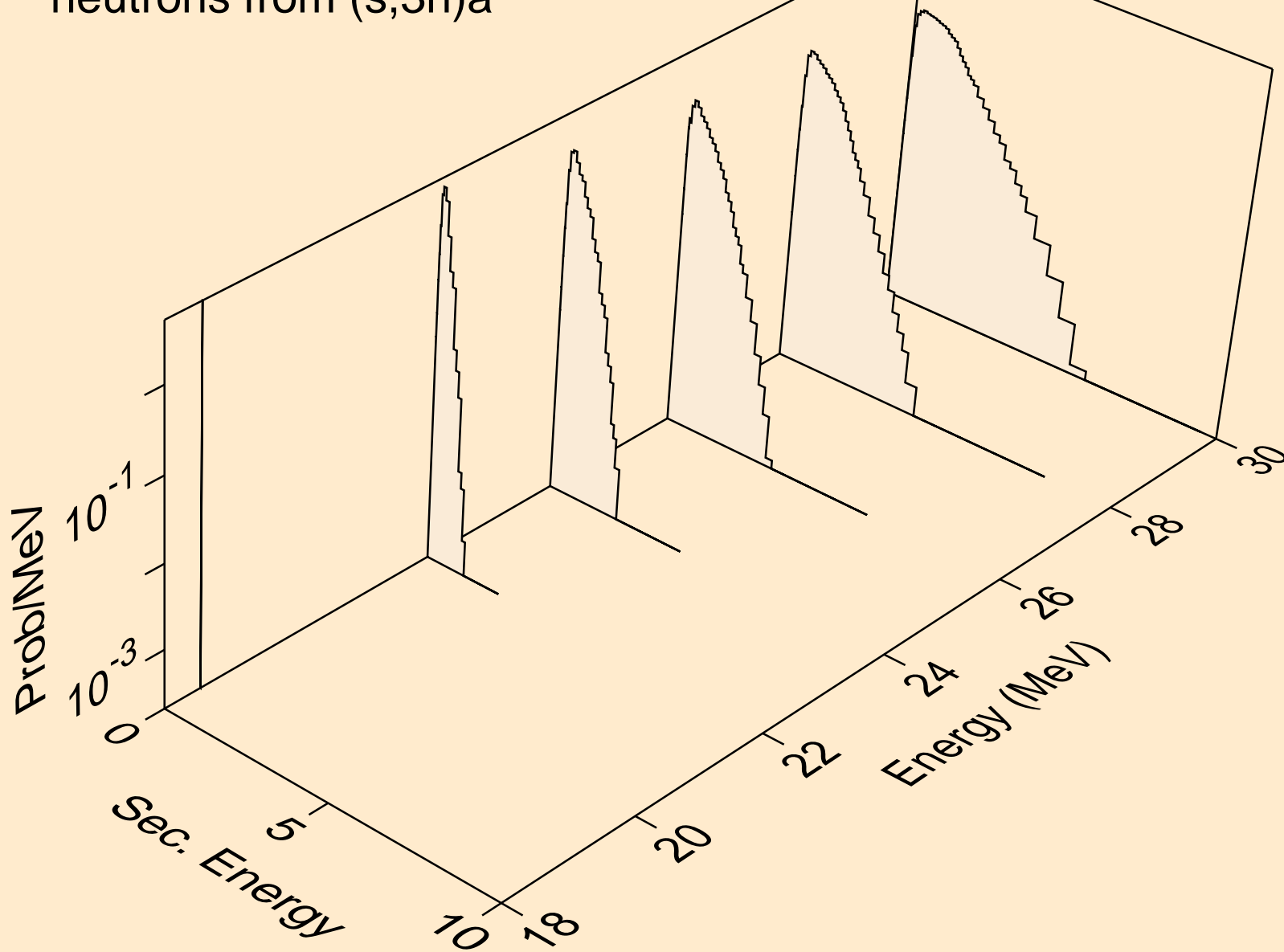




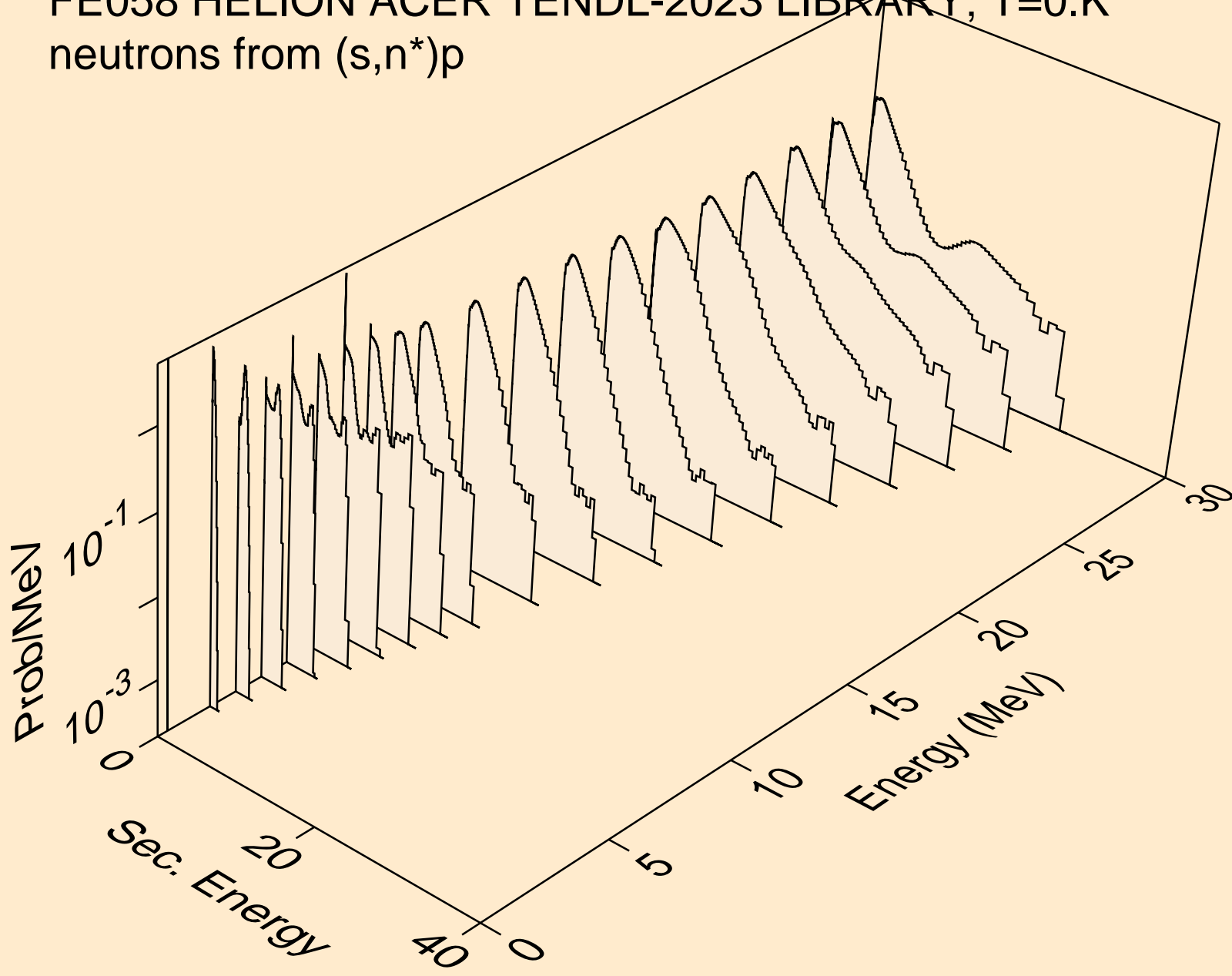
FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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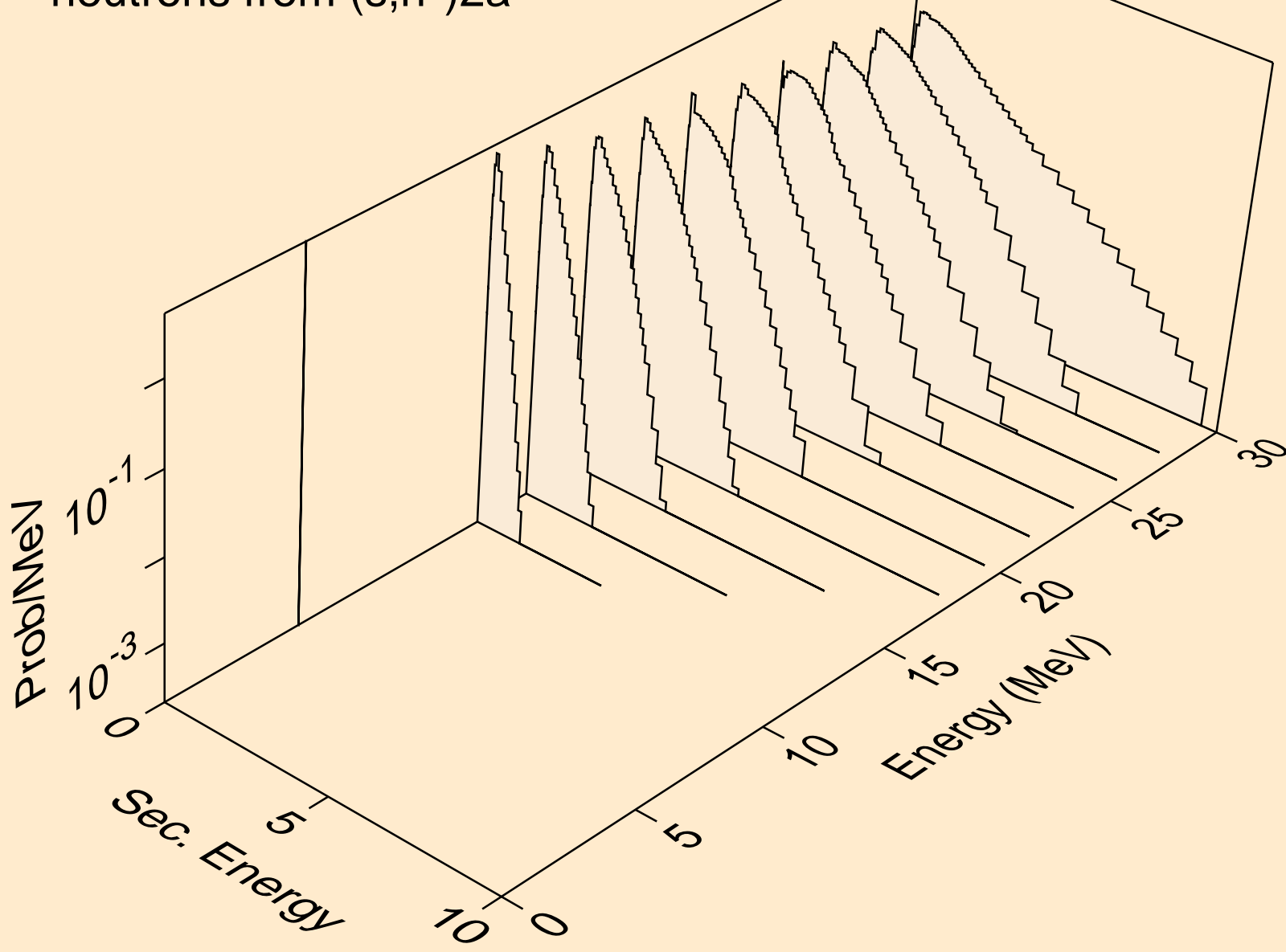
FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3n)a



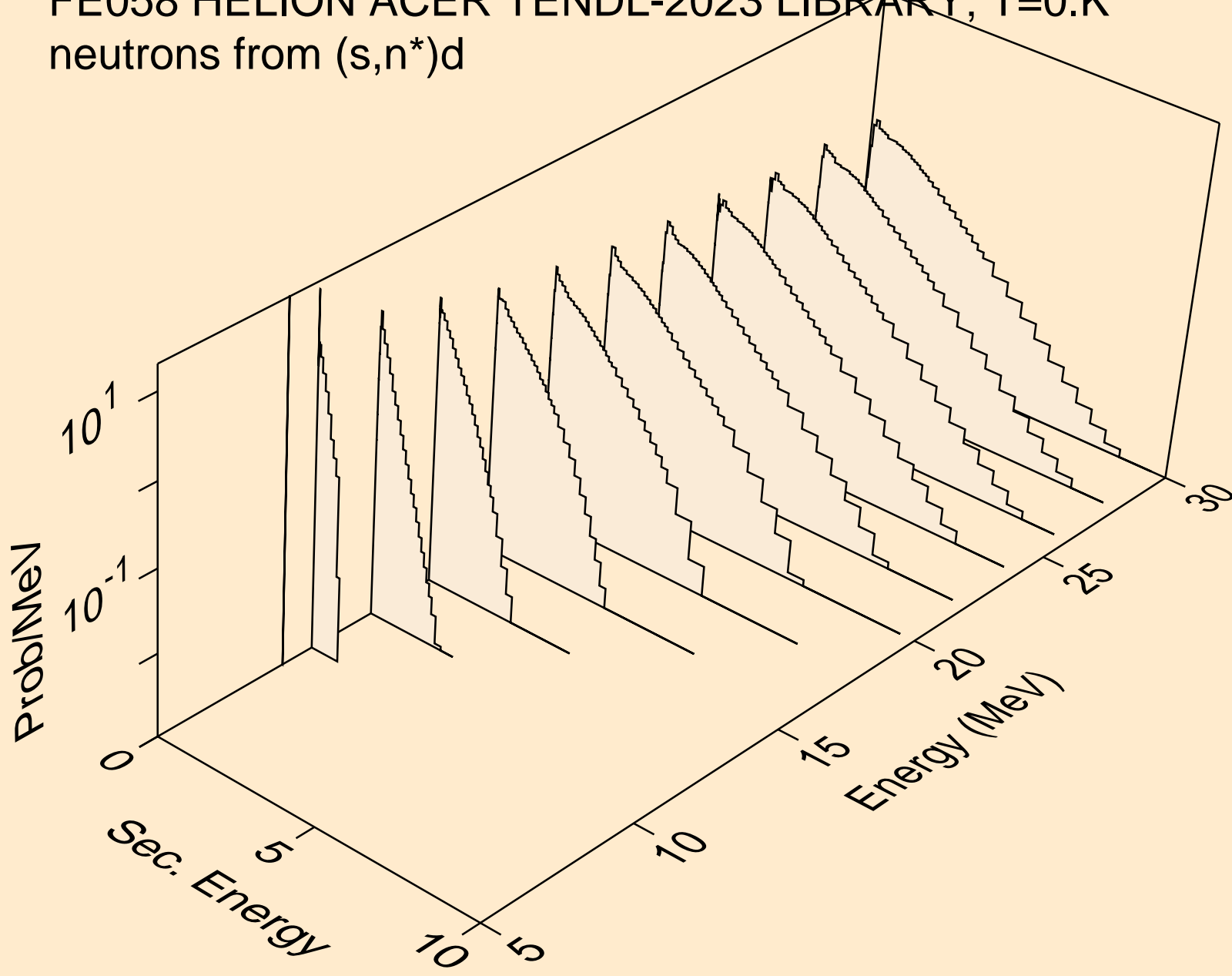
FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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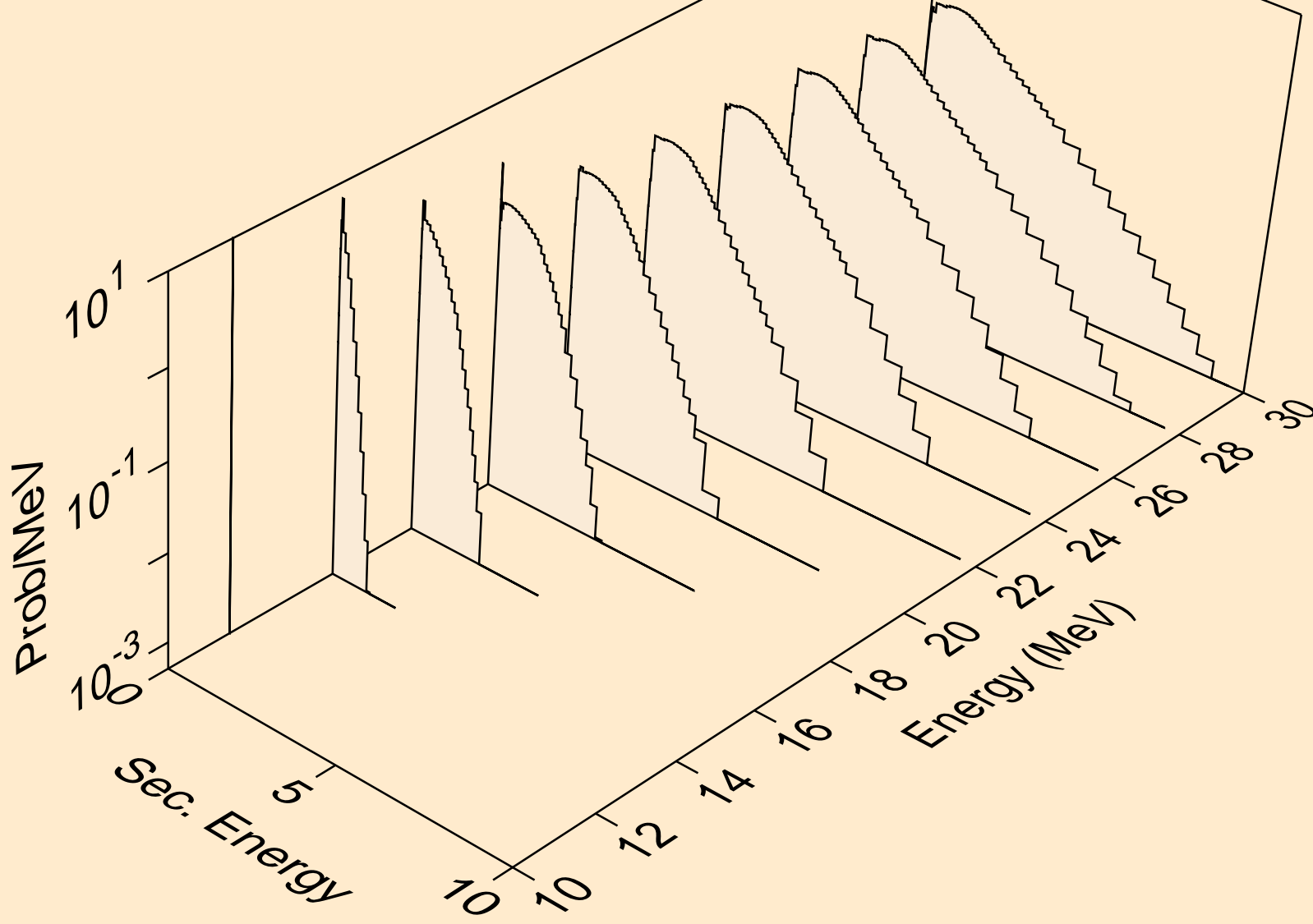
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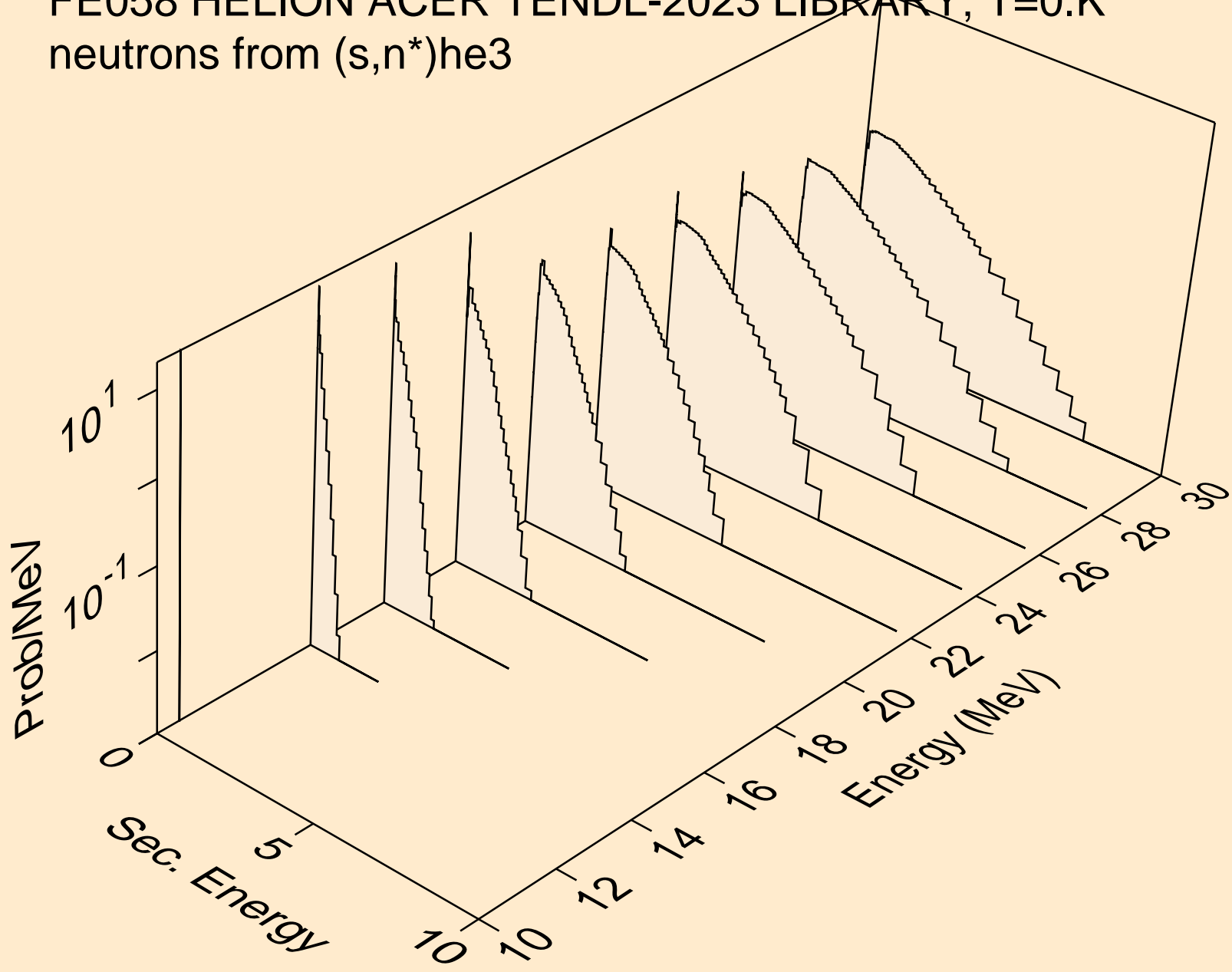
FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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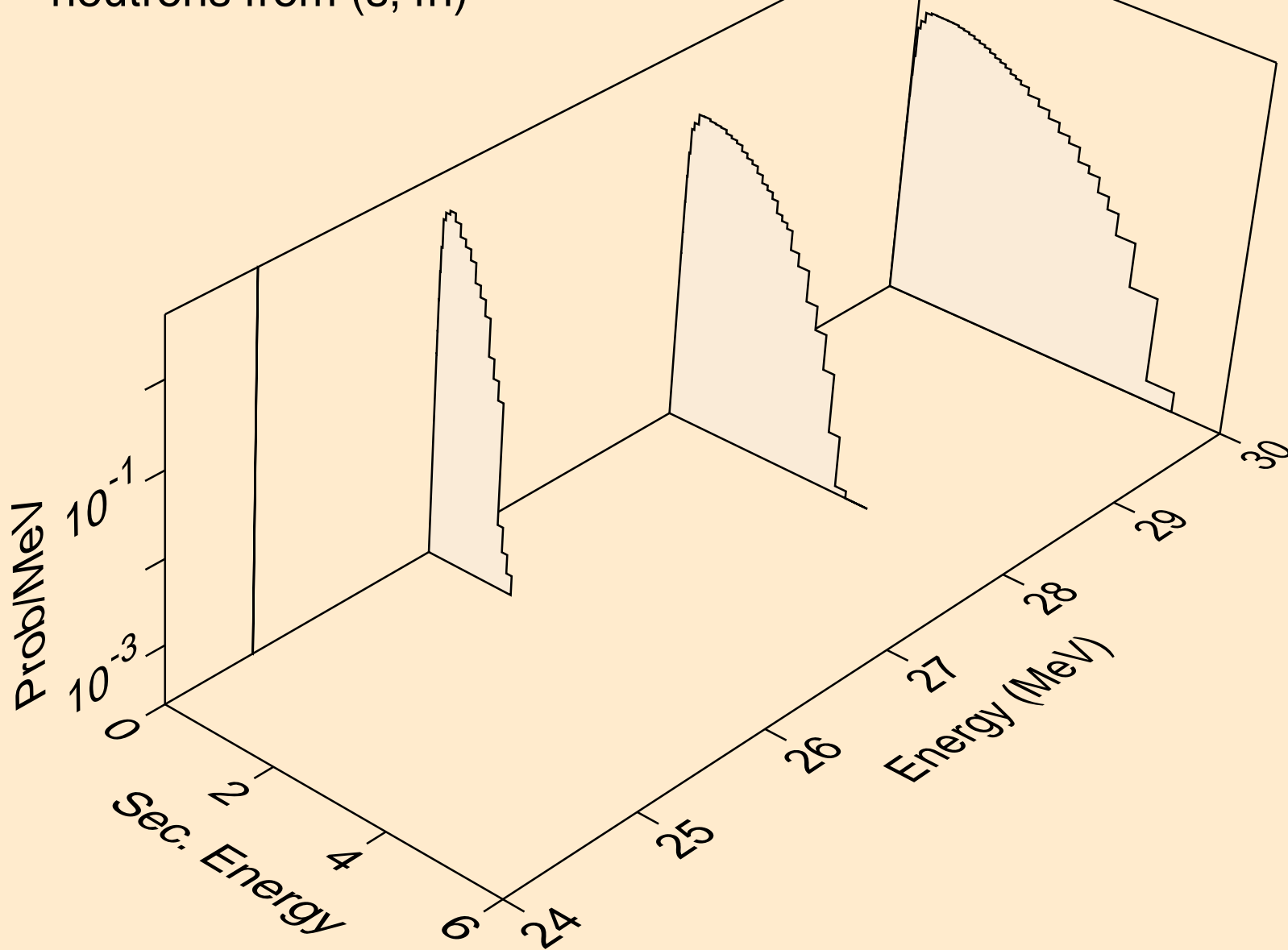
FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)t



FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)he3

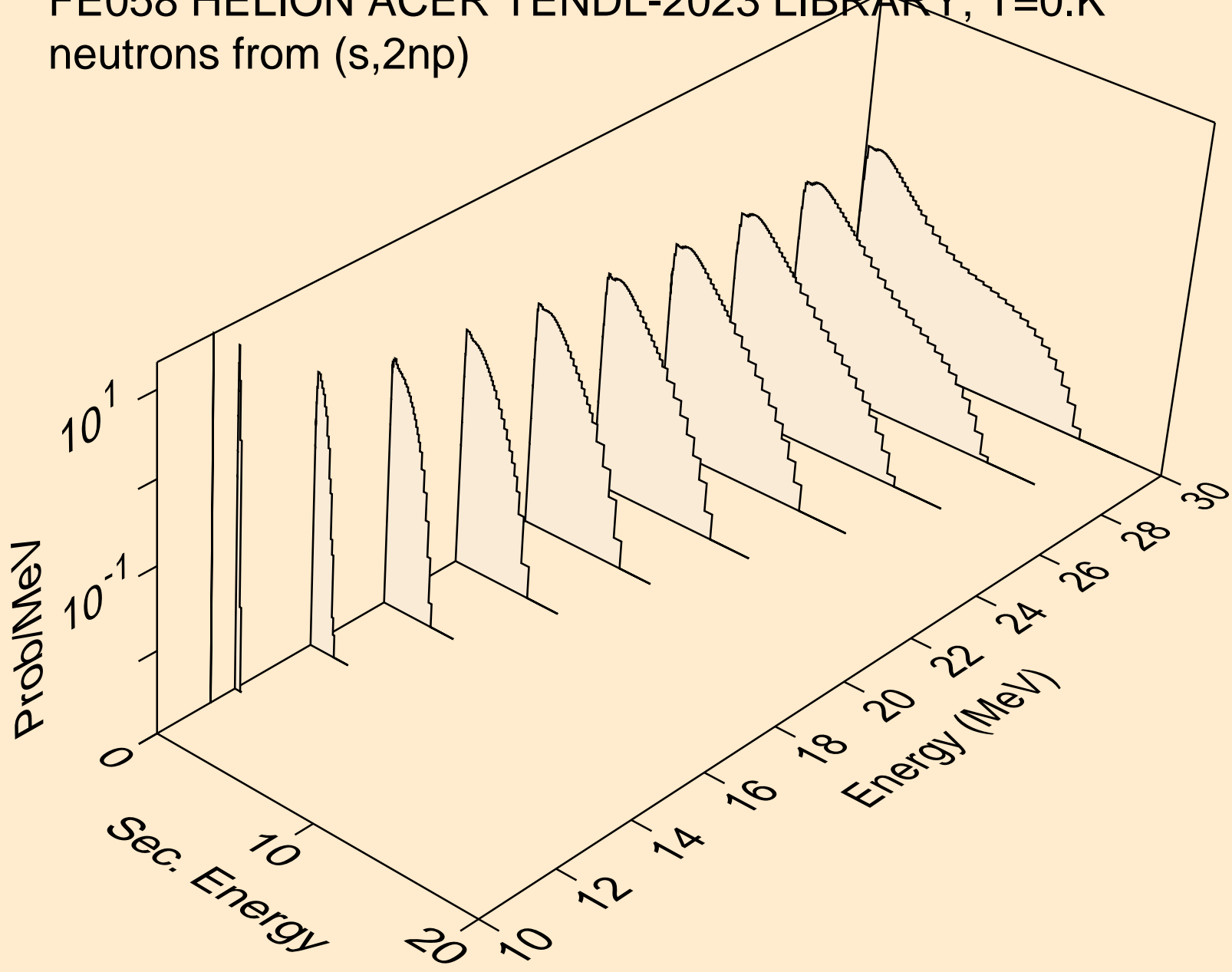


FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,4n)

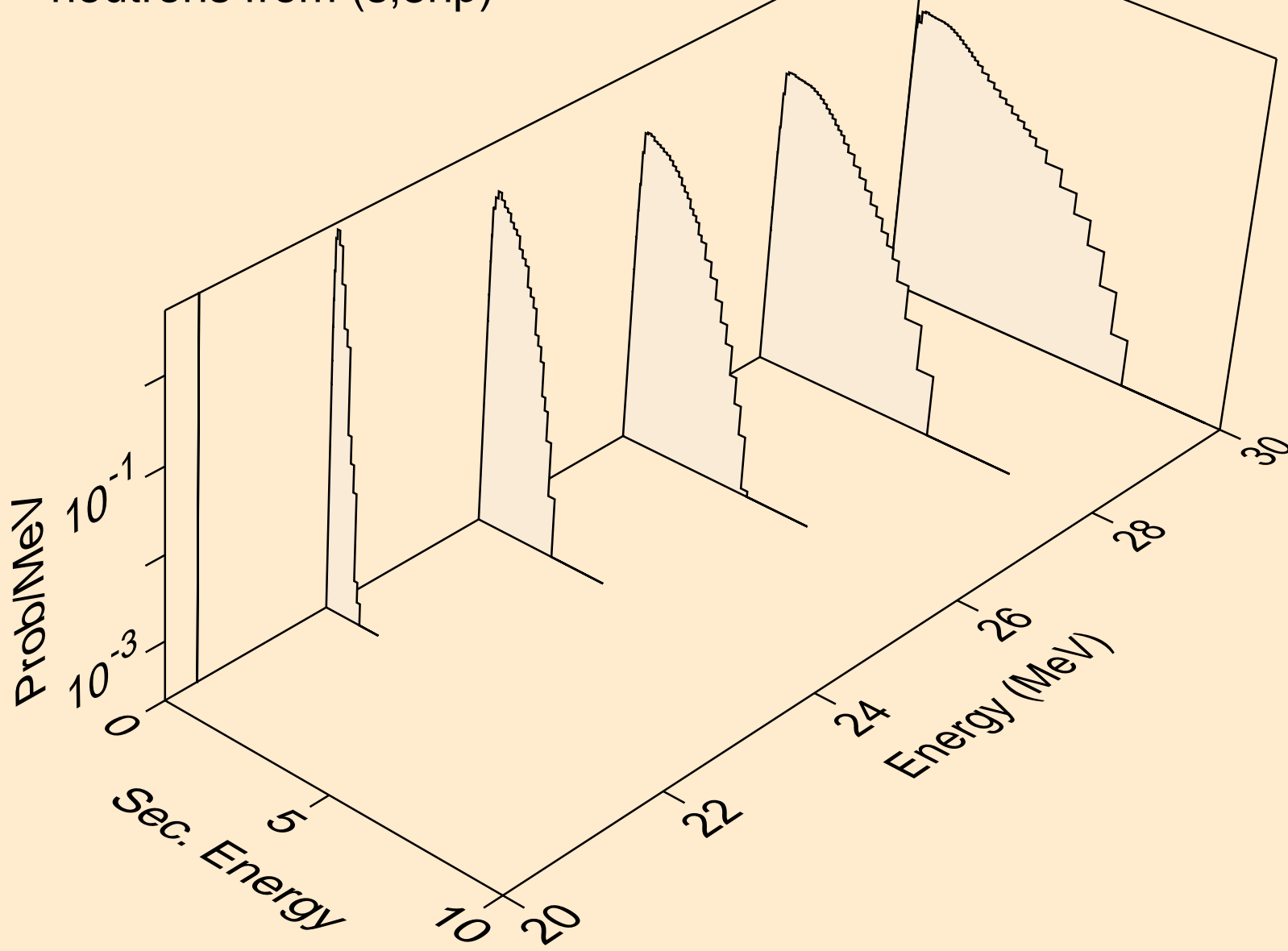




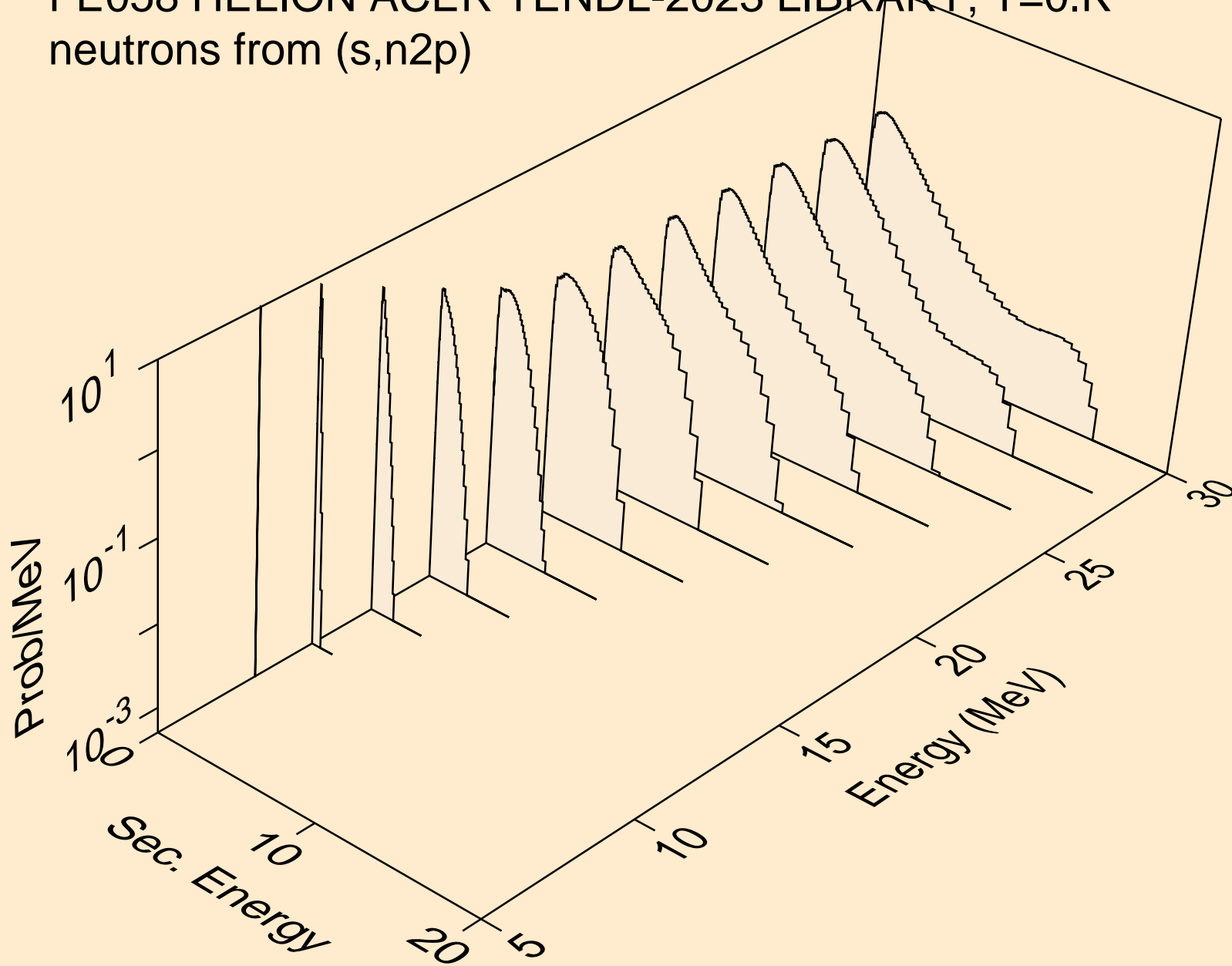
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neutrons from (s,2np)



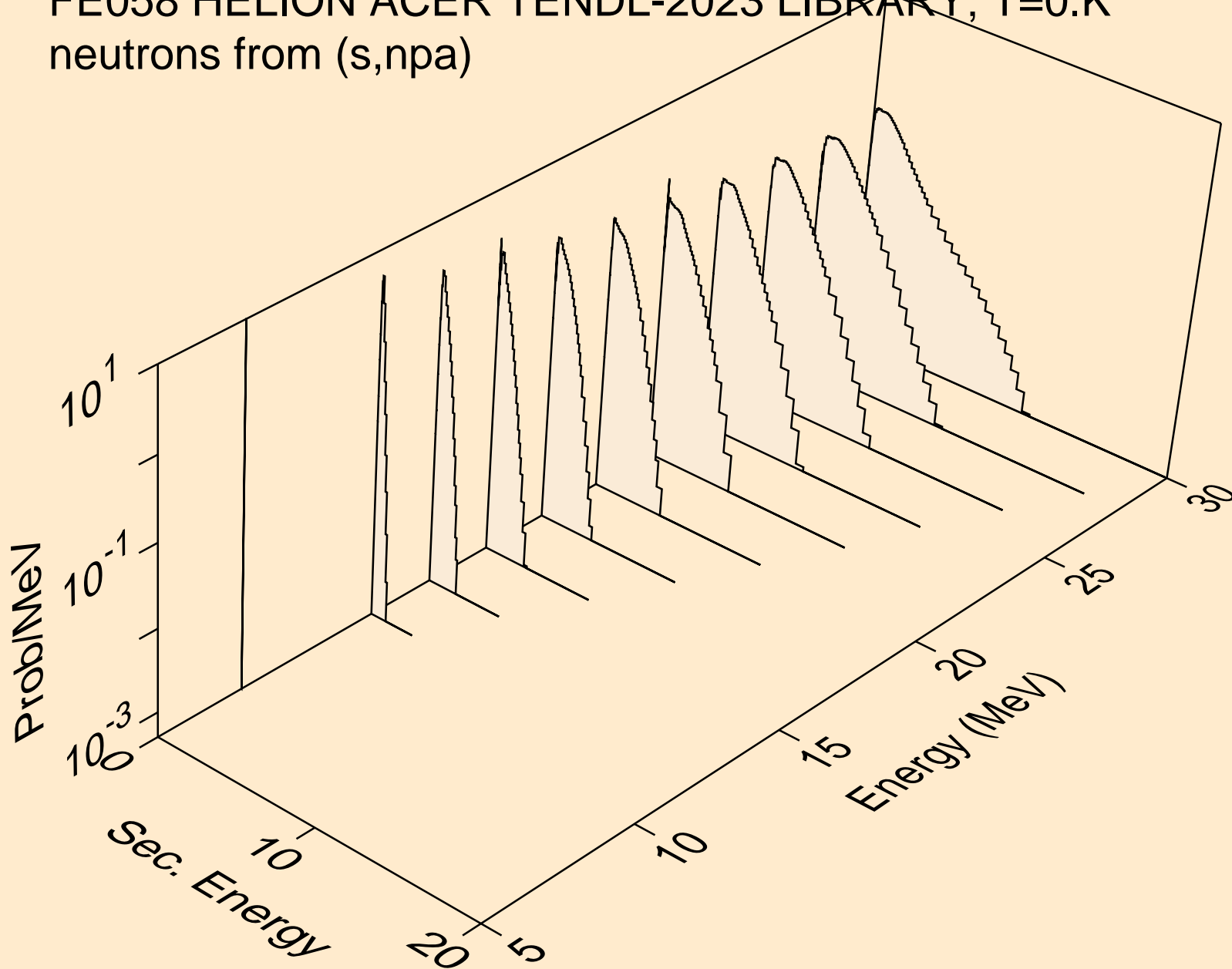
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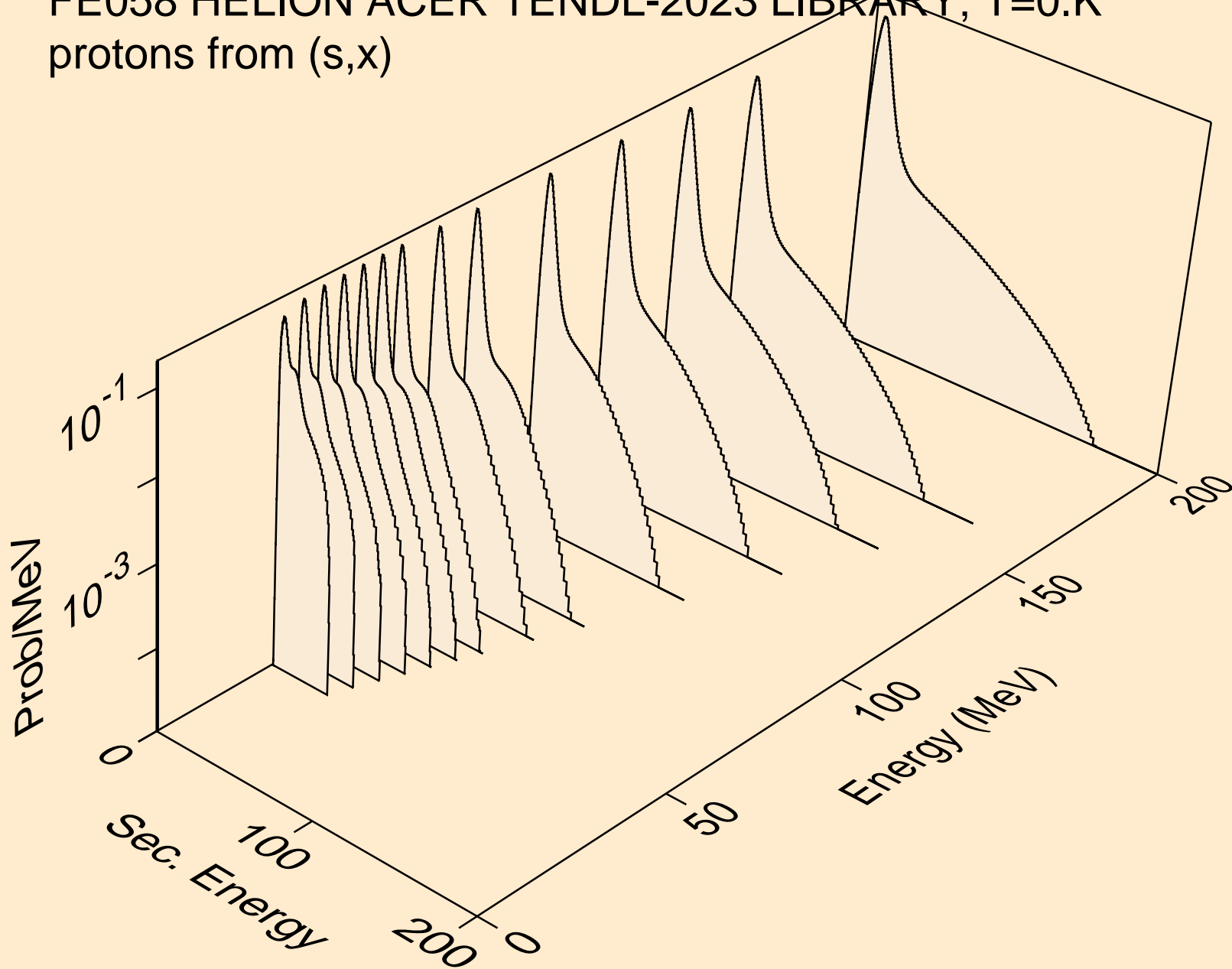
FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n2p)



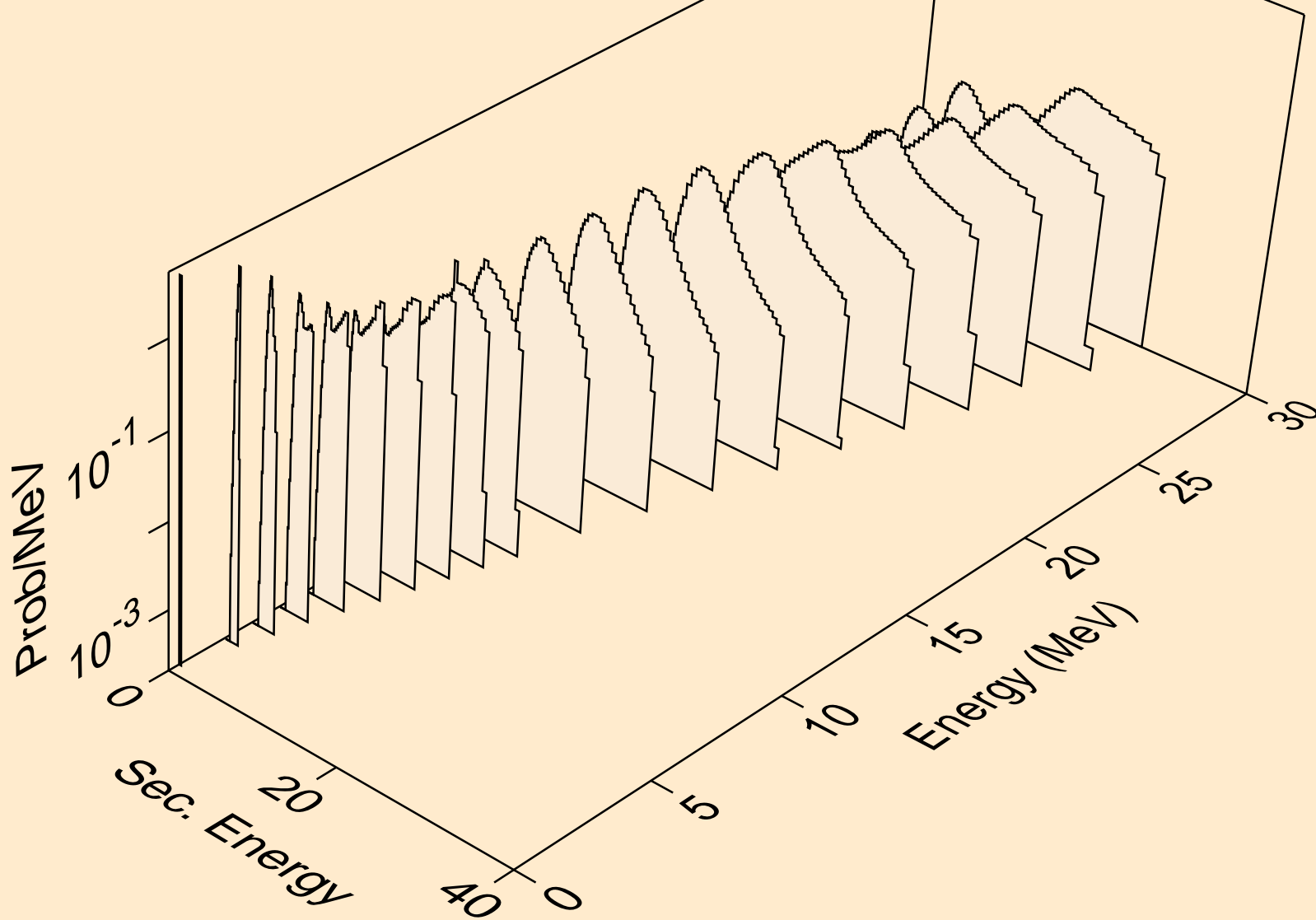
FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,npa)



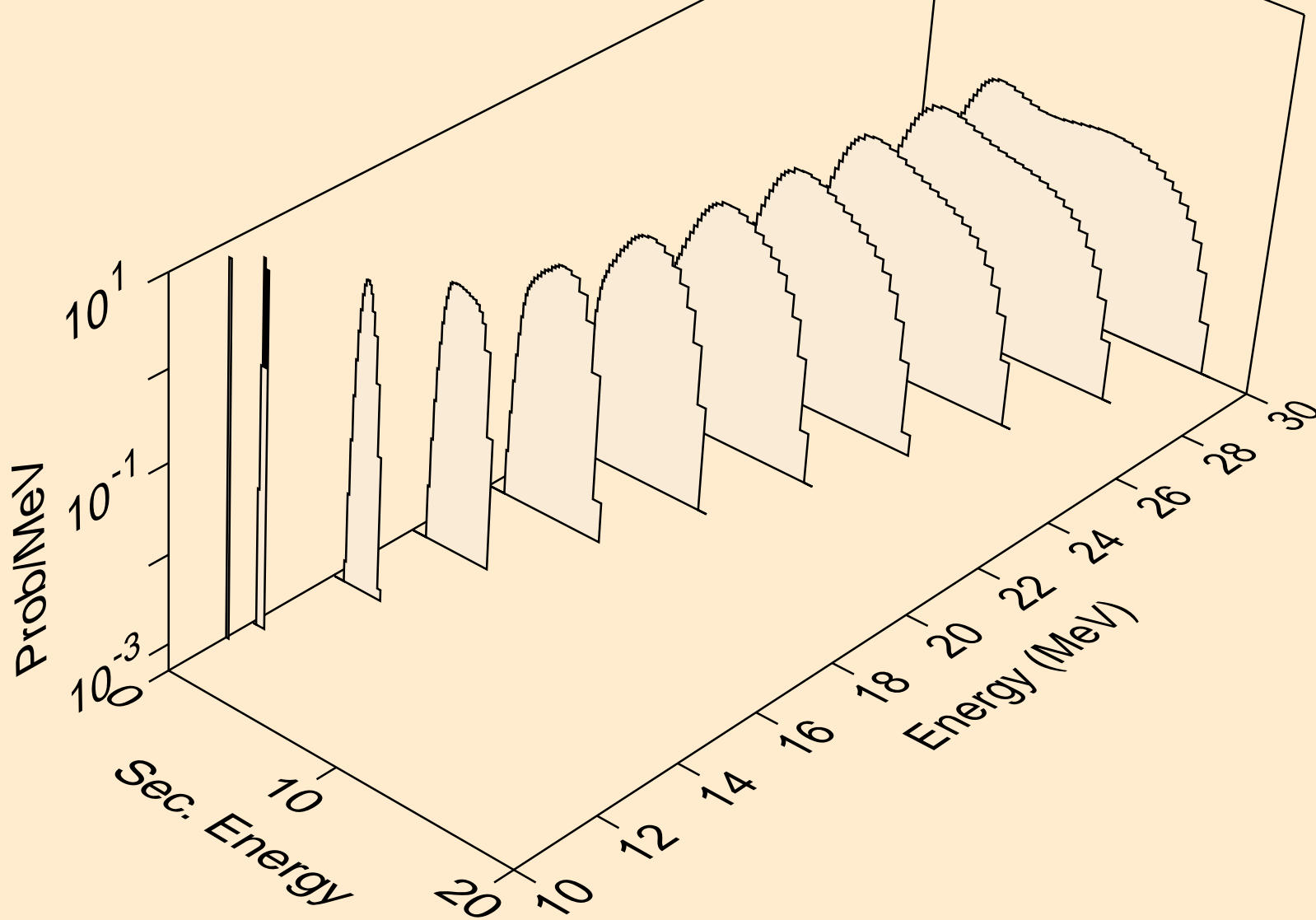
FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,x)



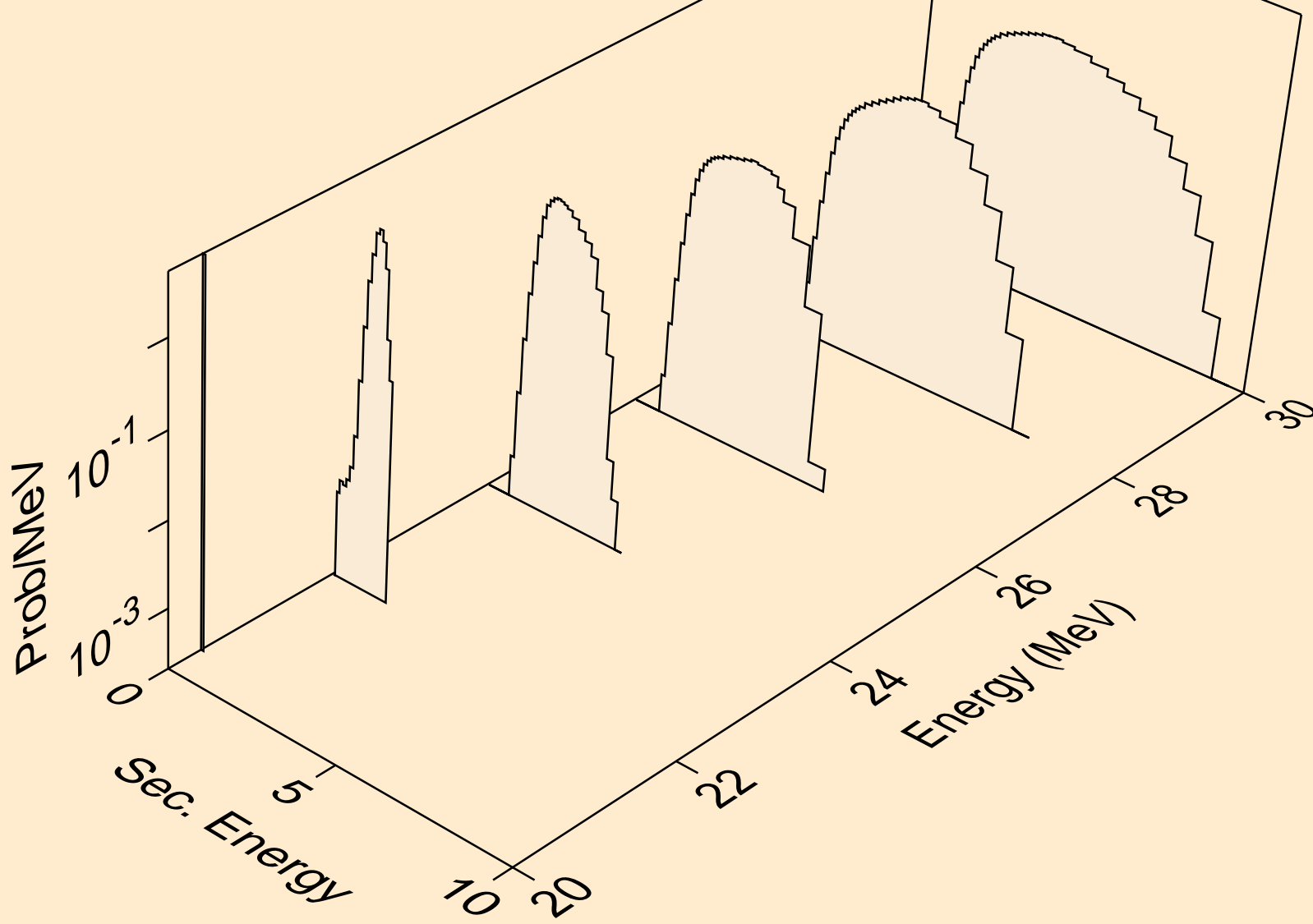
FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,n\*)p



FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,2np)

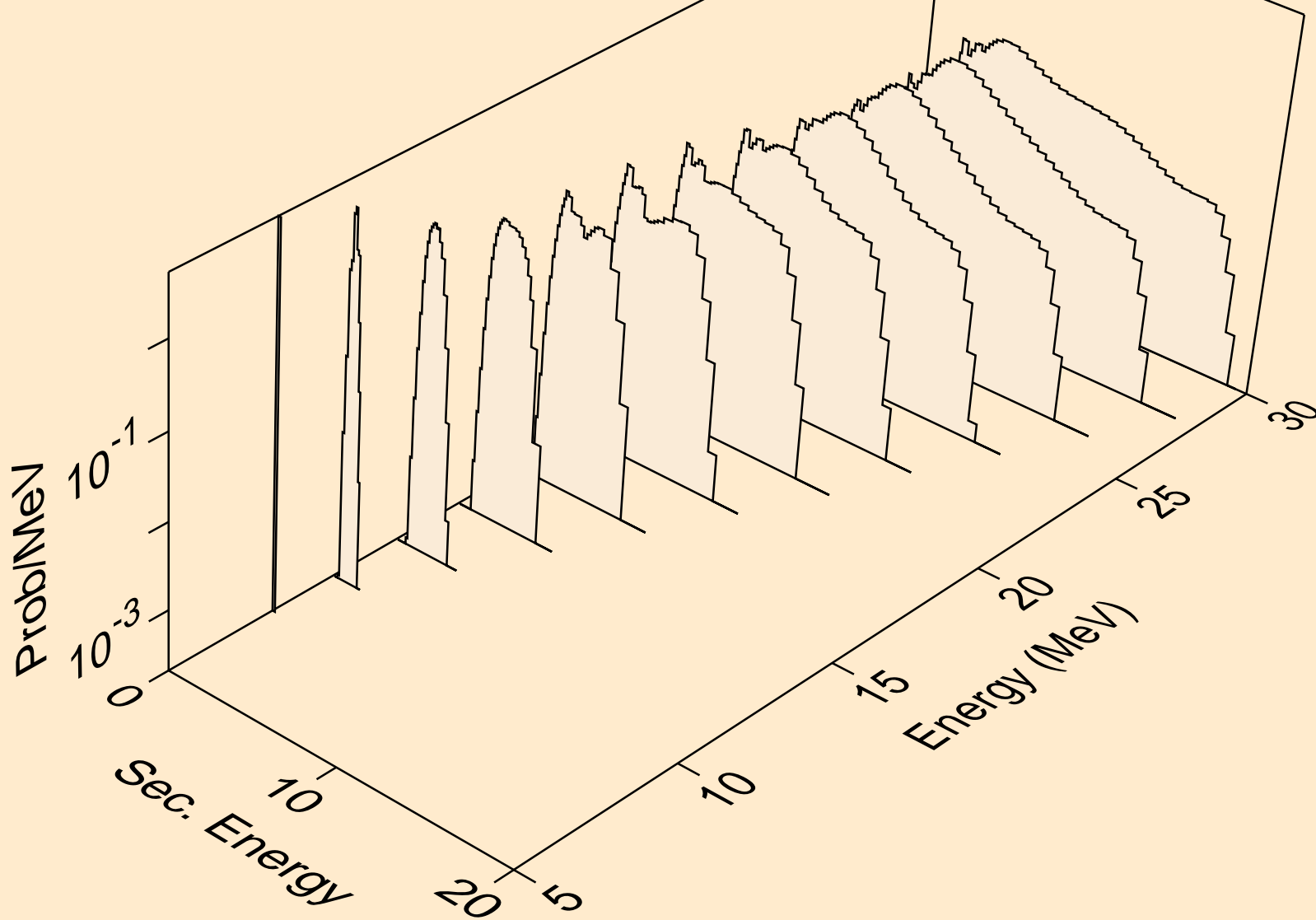


FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,3np)

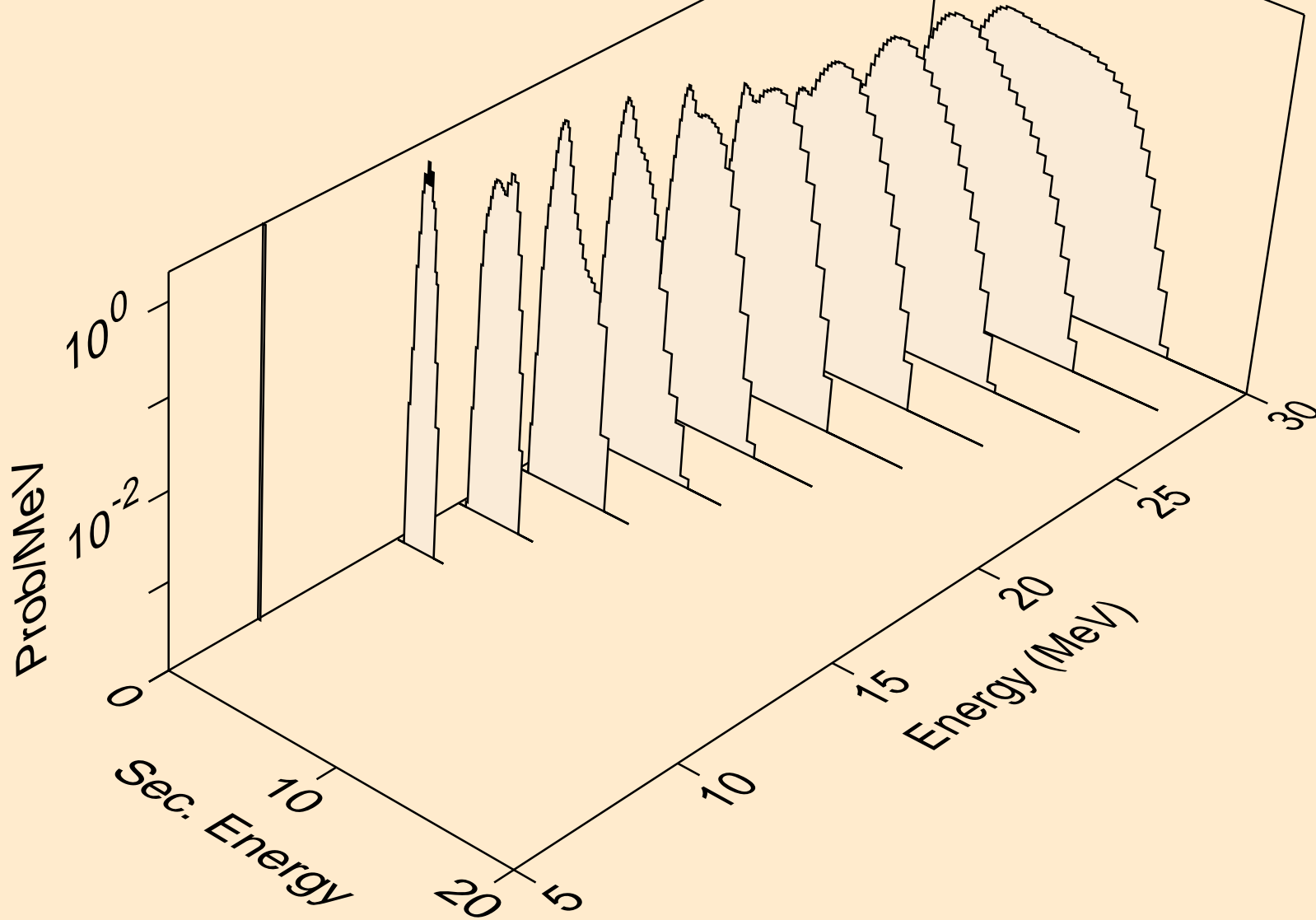




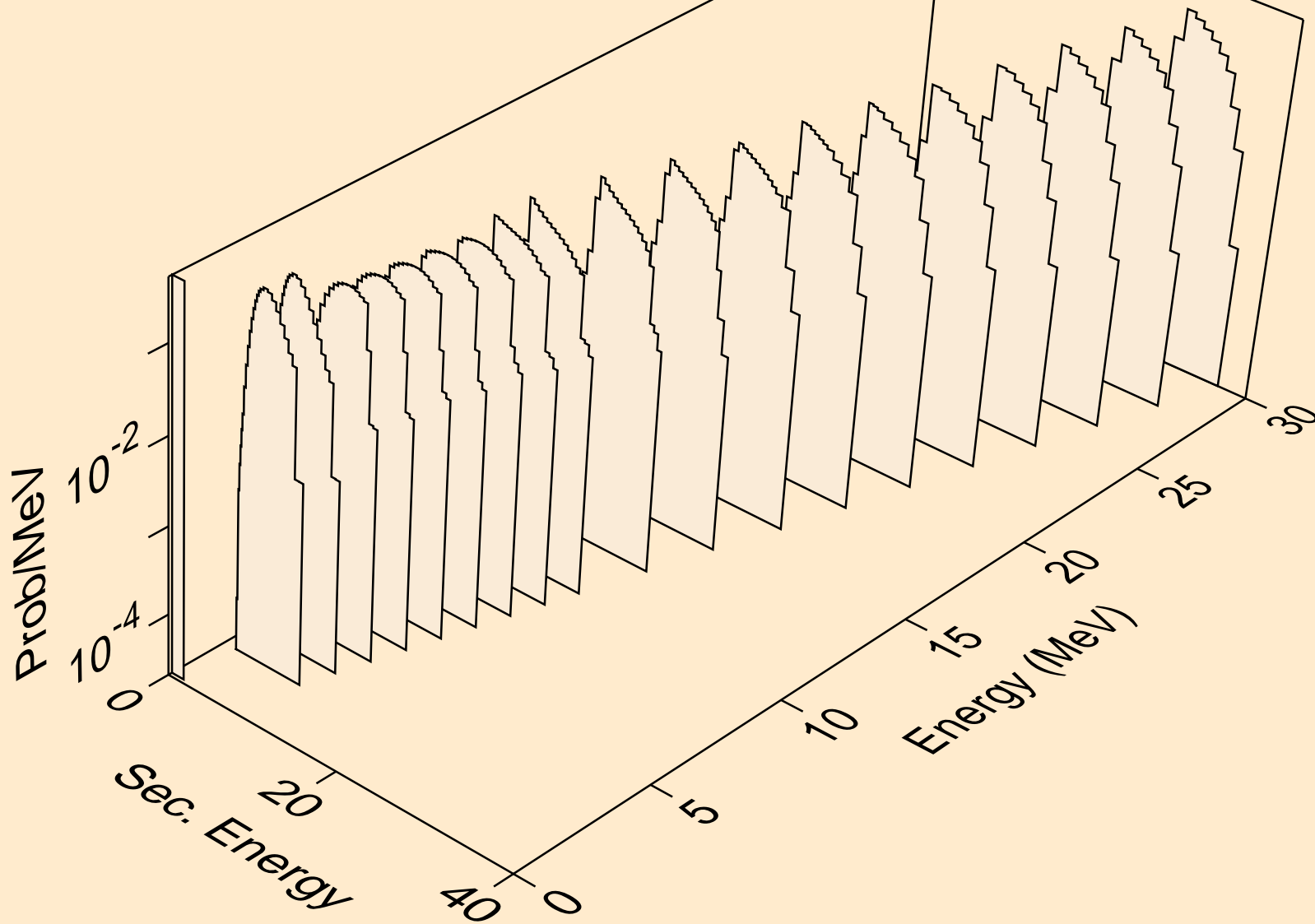
FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,n2p)



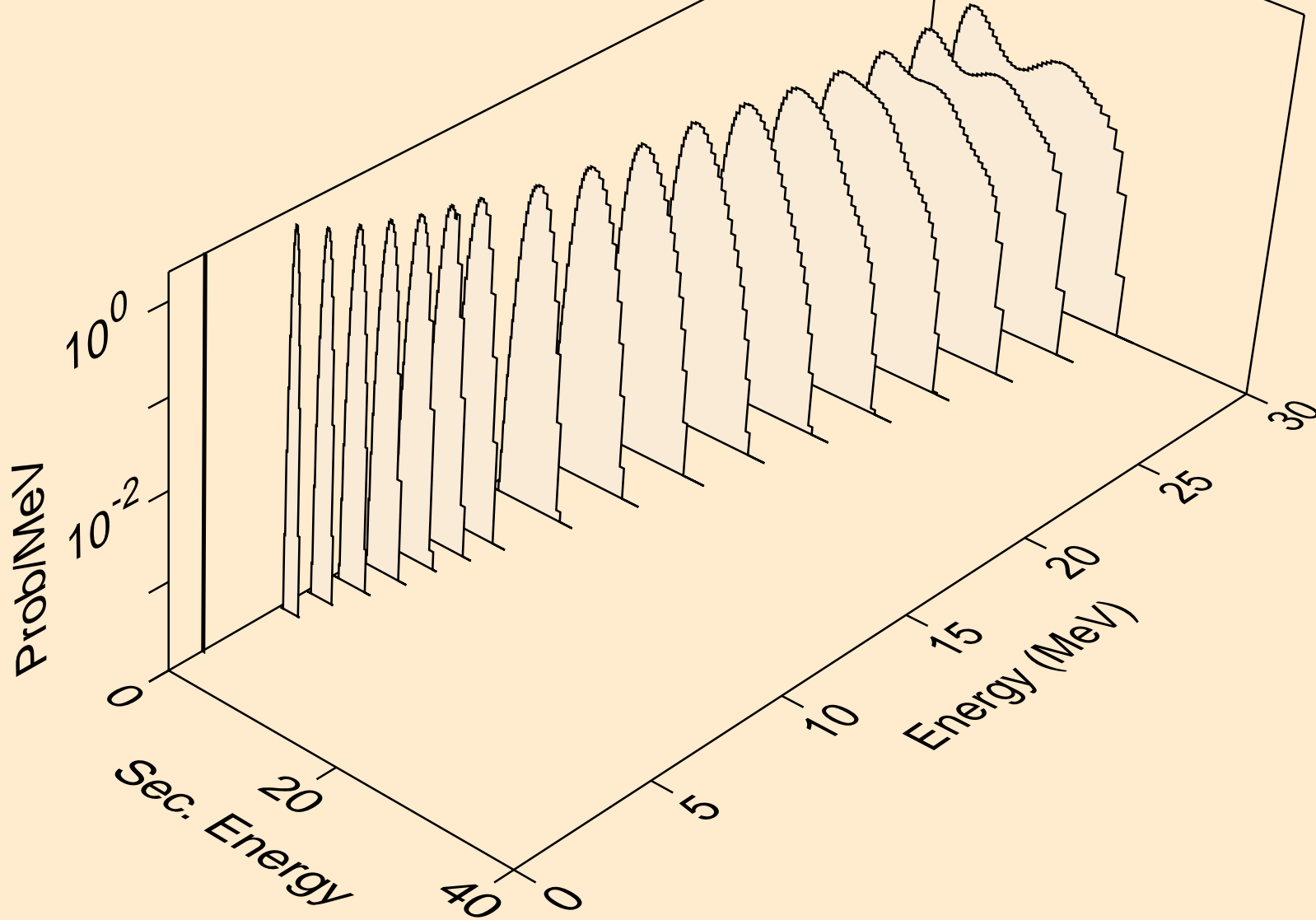
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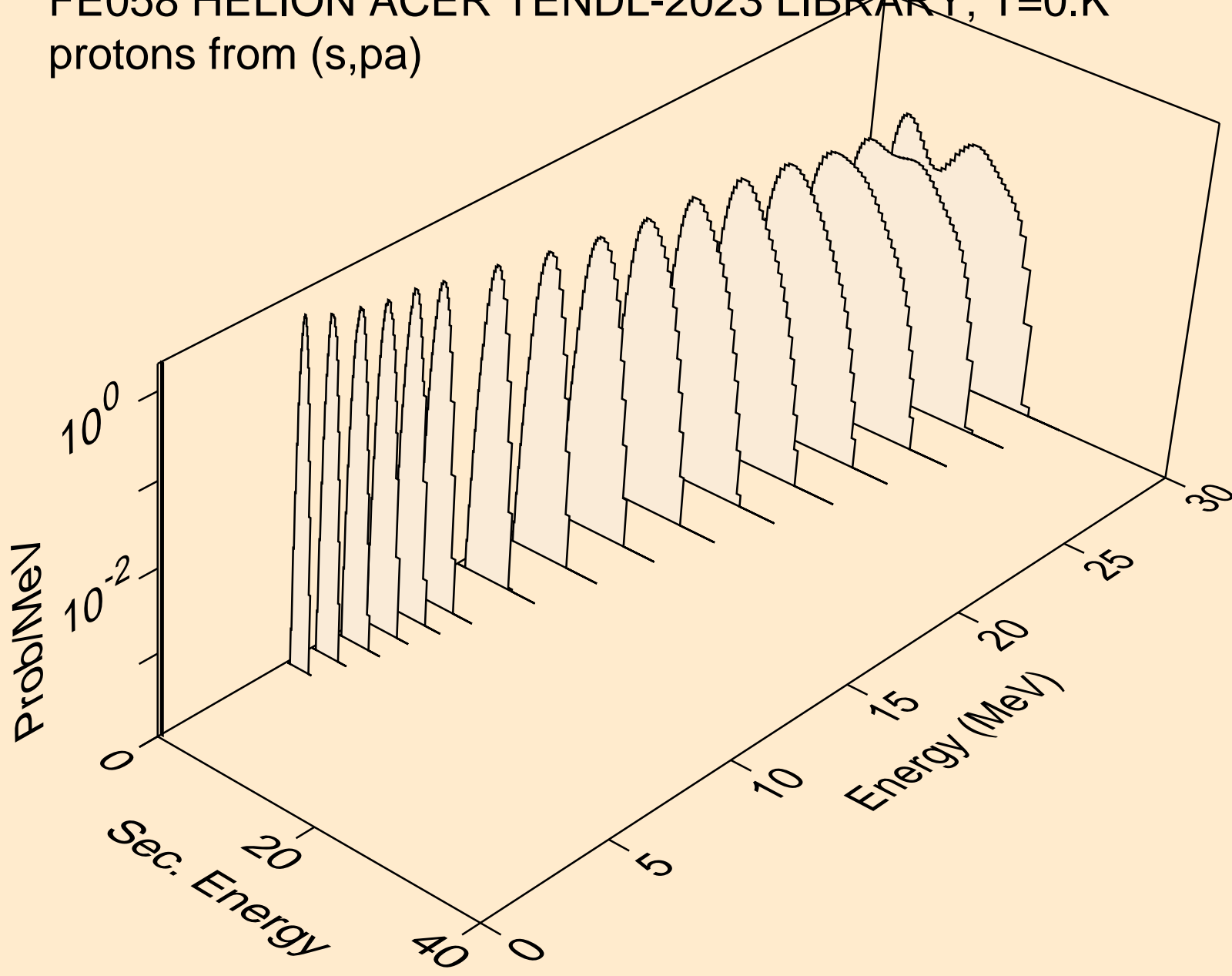
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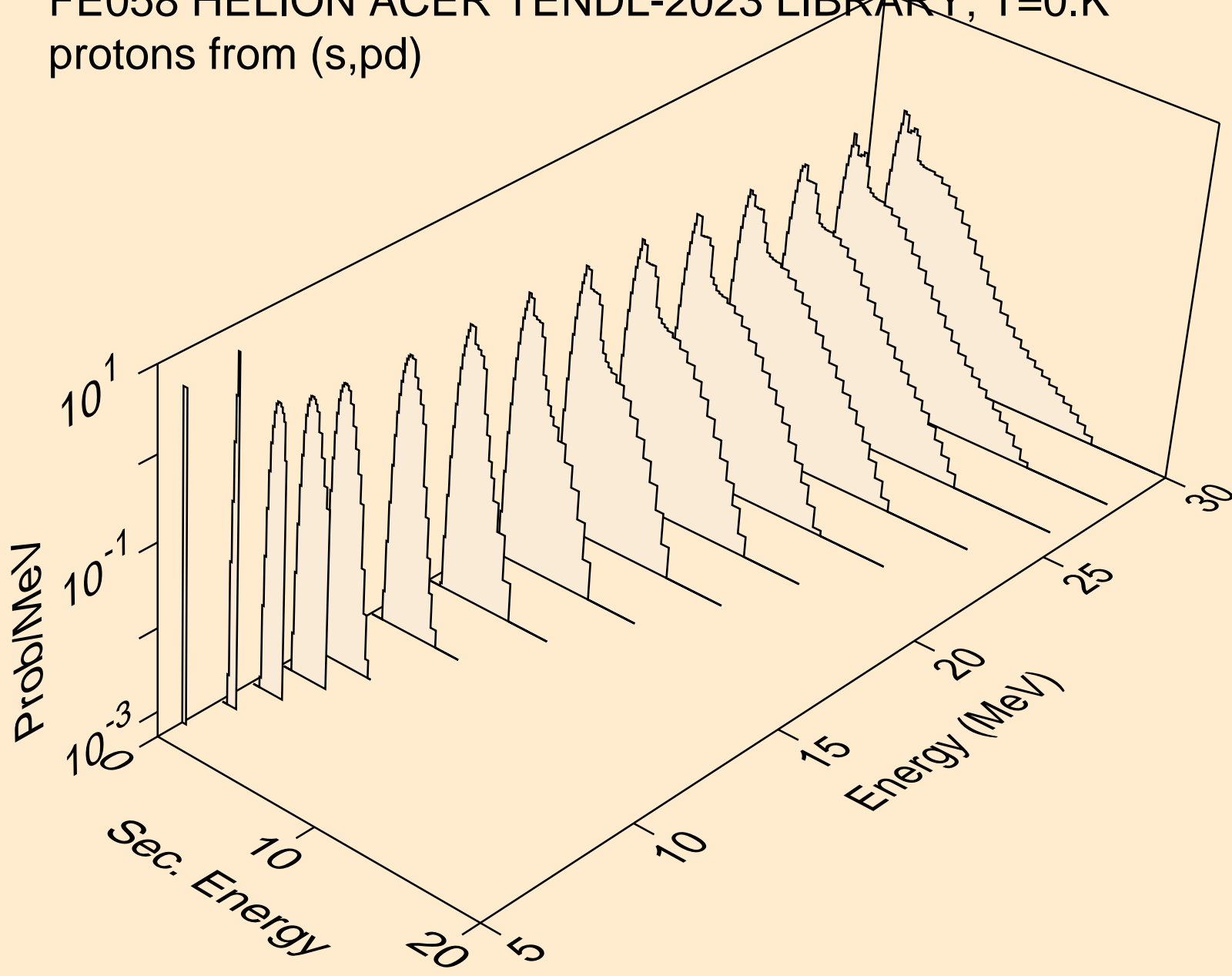
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protons from (s,2p)



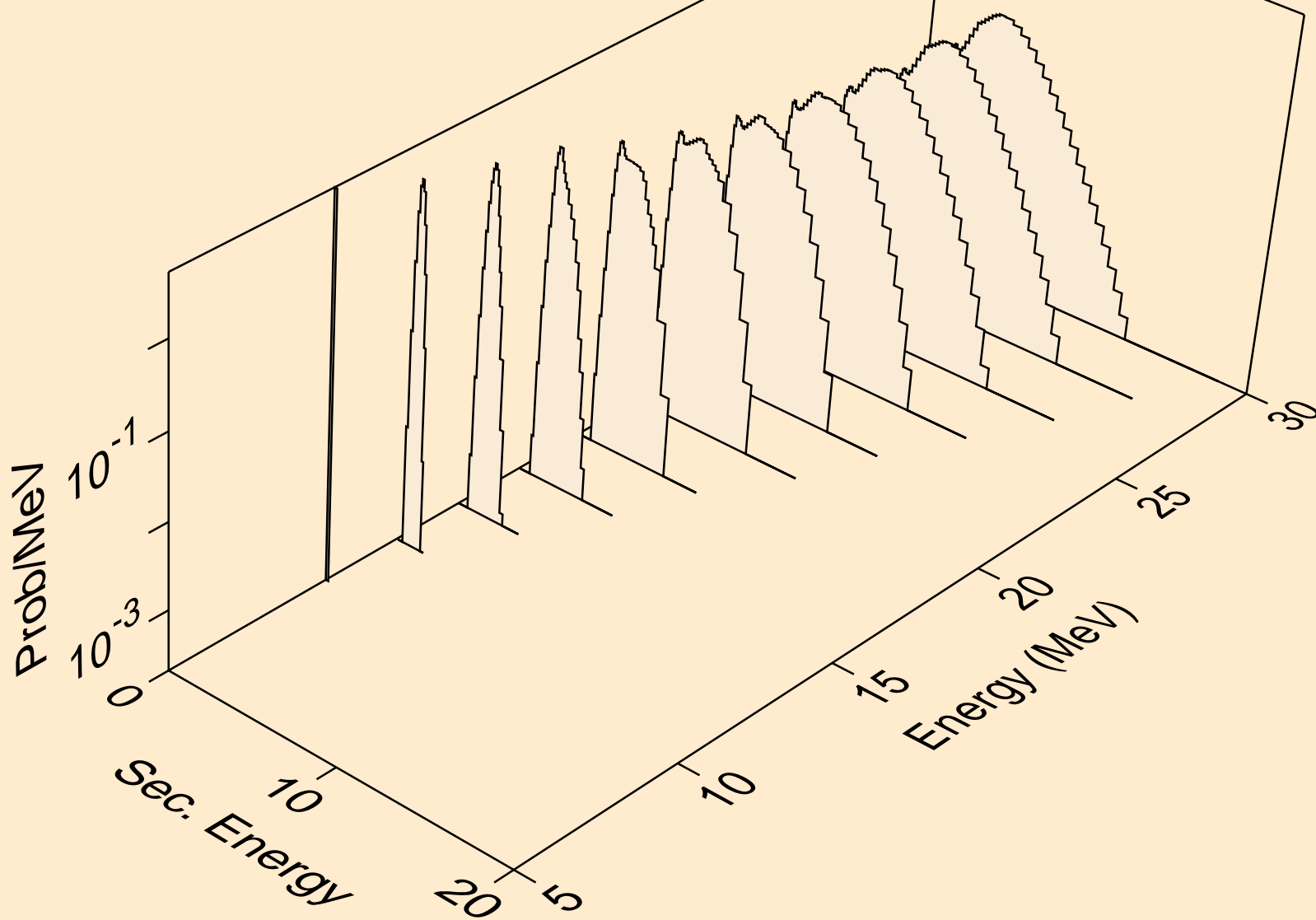
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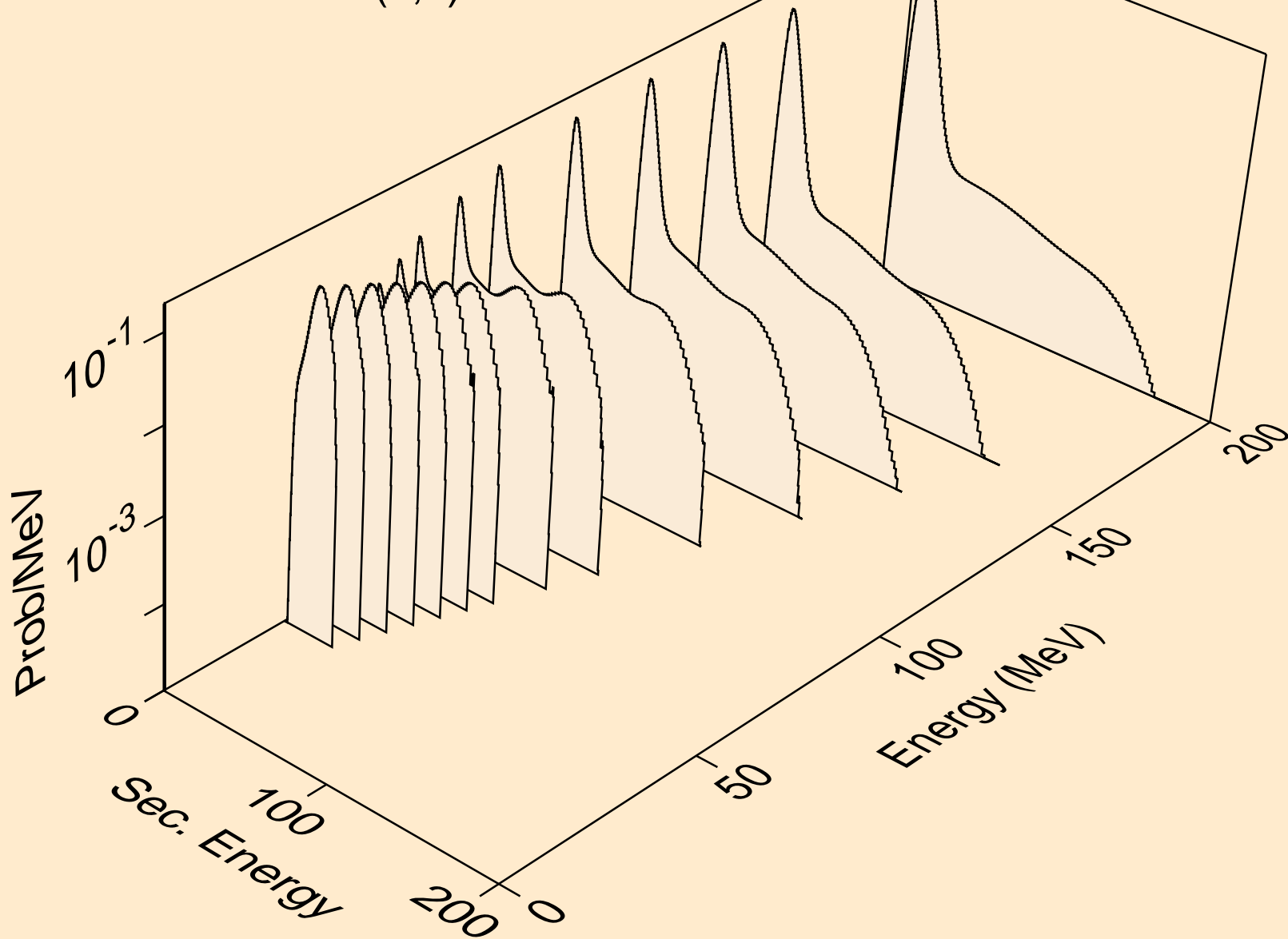
FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pd)



FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pt)

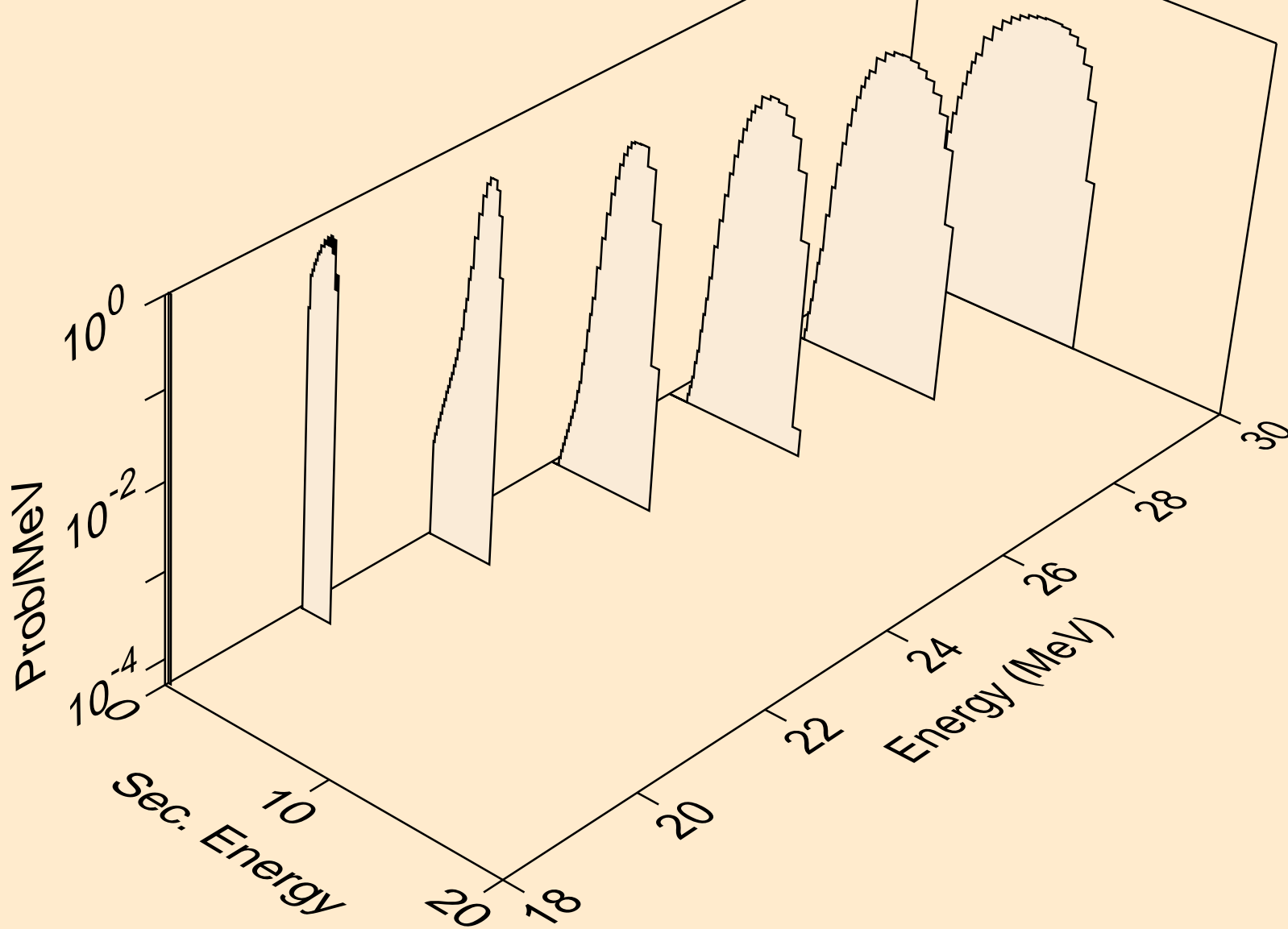


FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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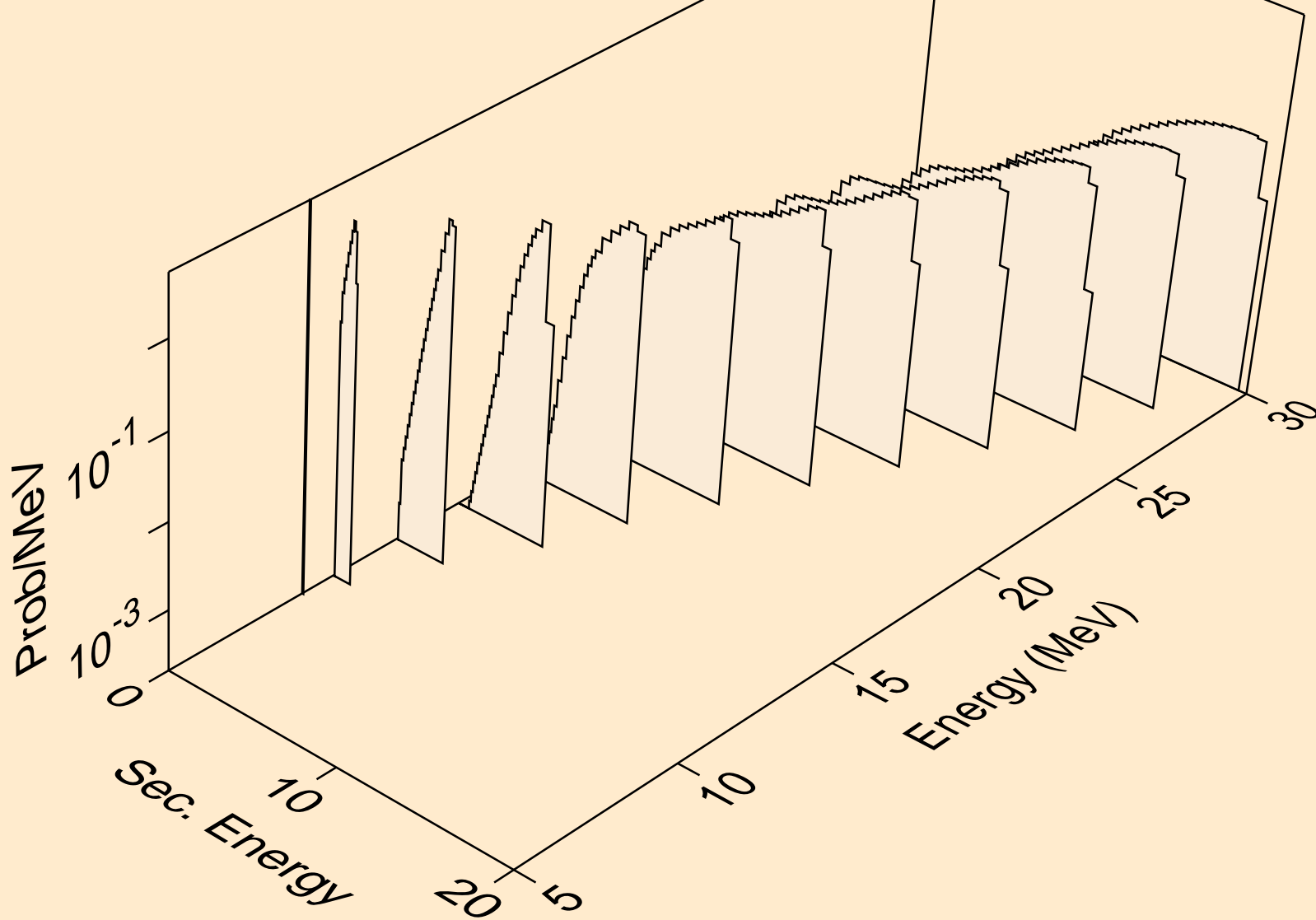




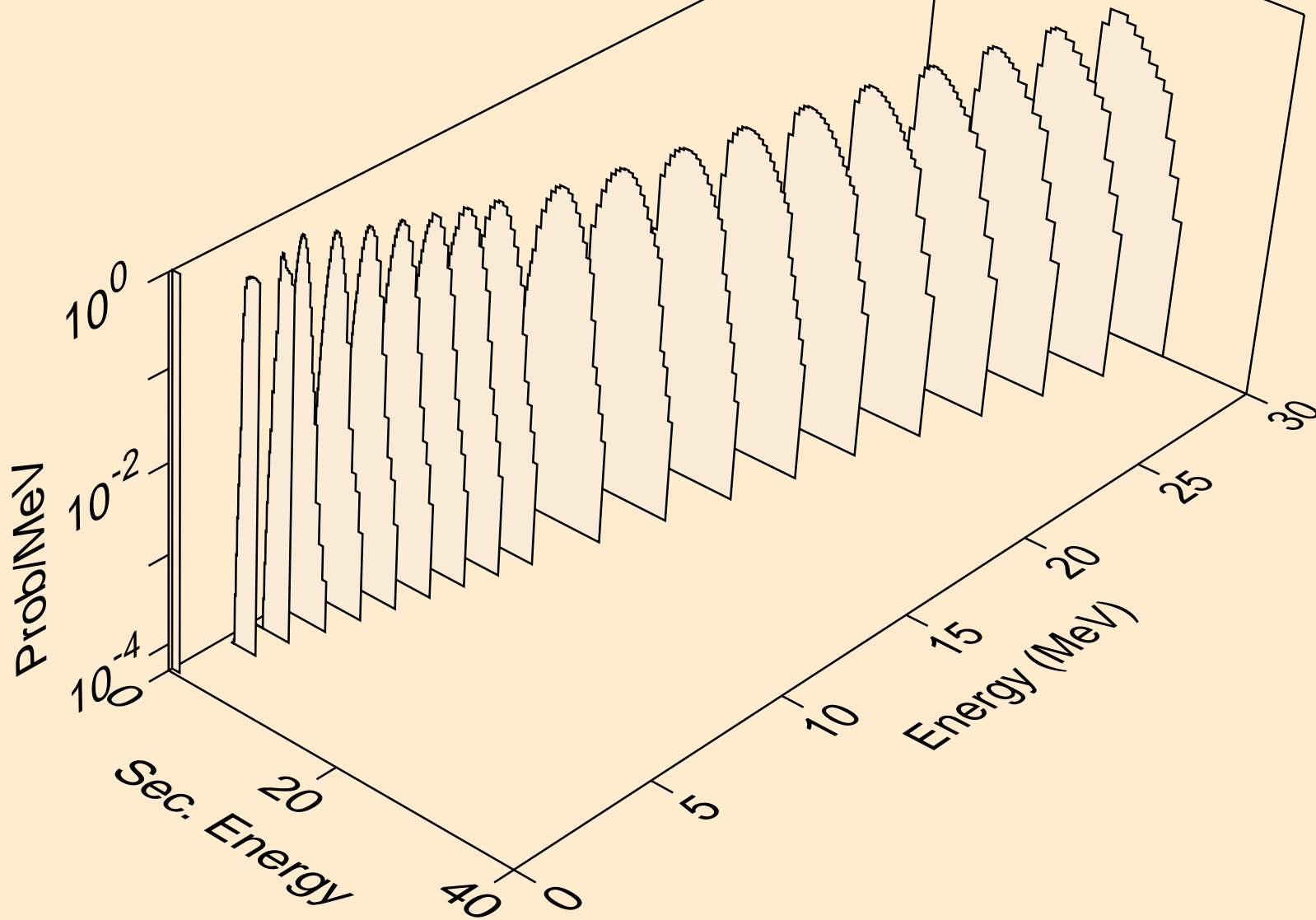
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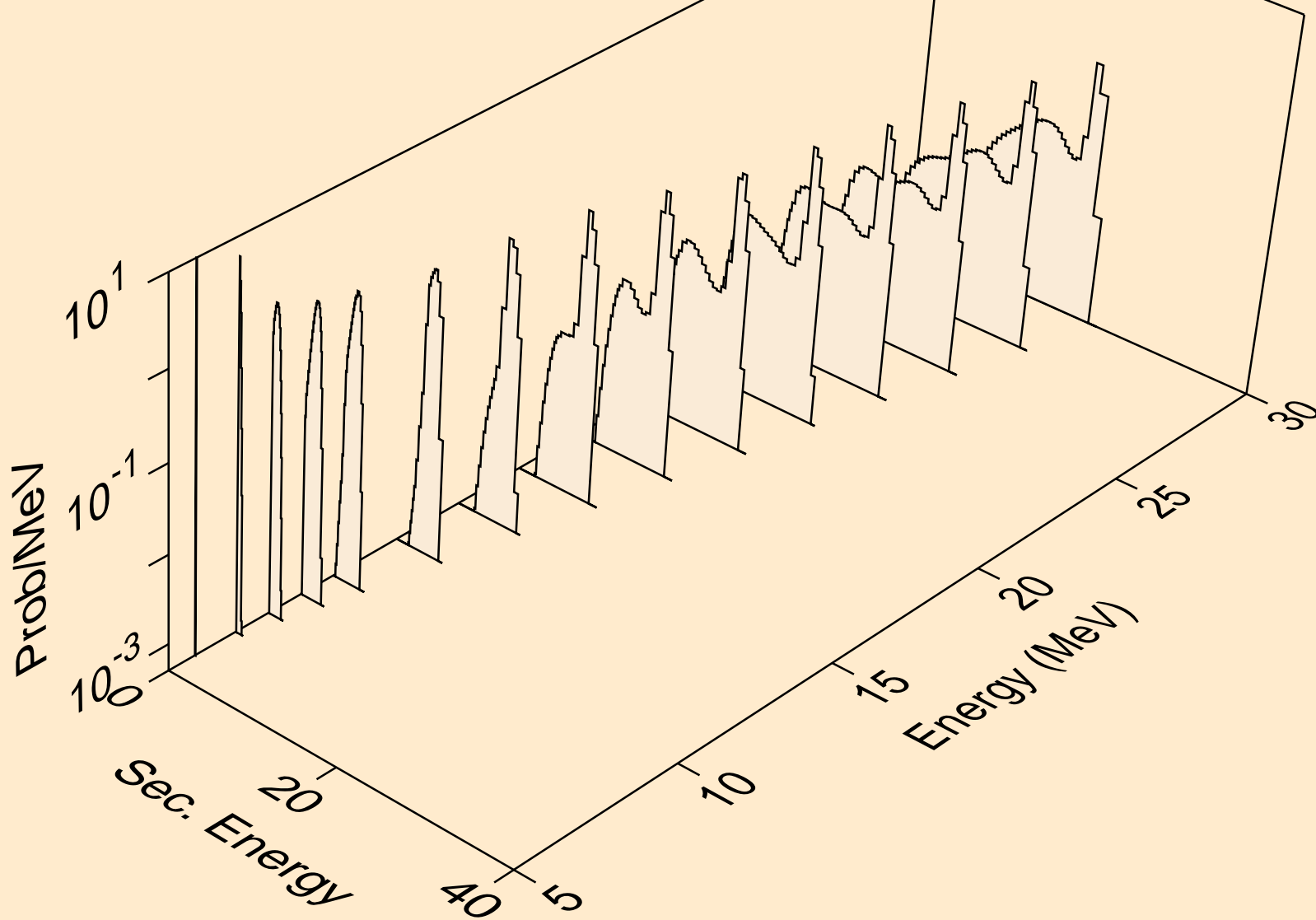
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deuterons from (s,n\*)d



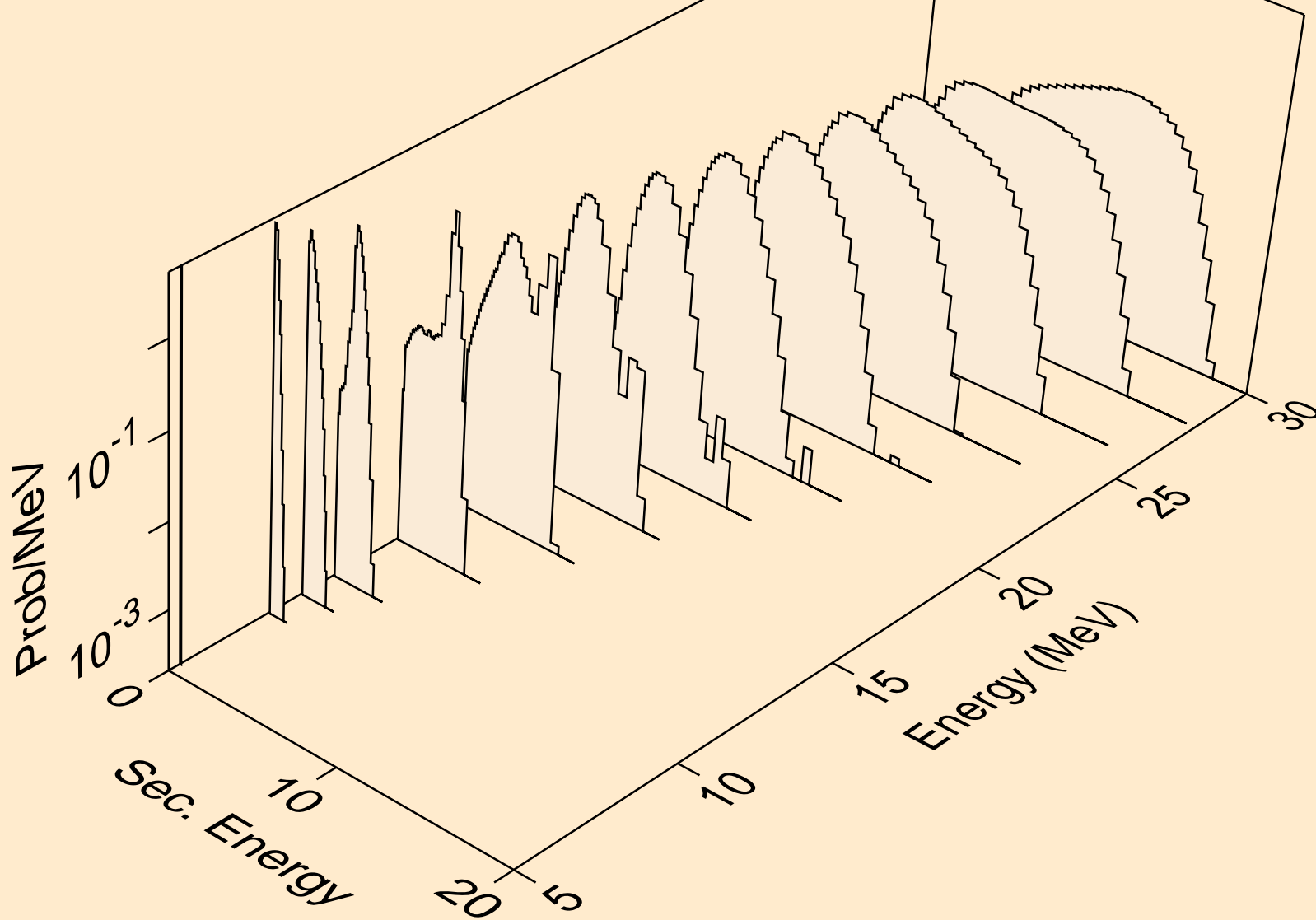
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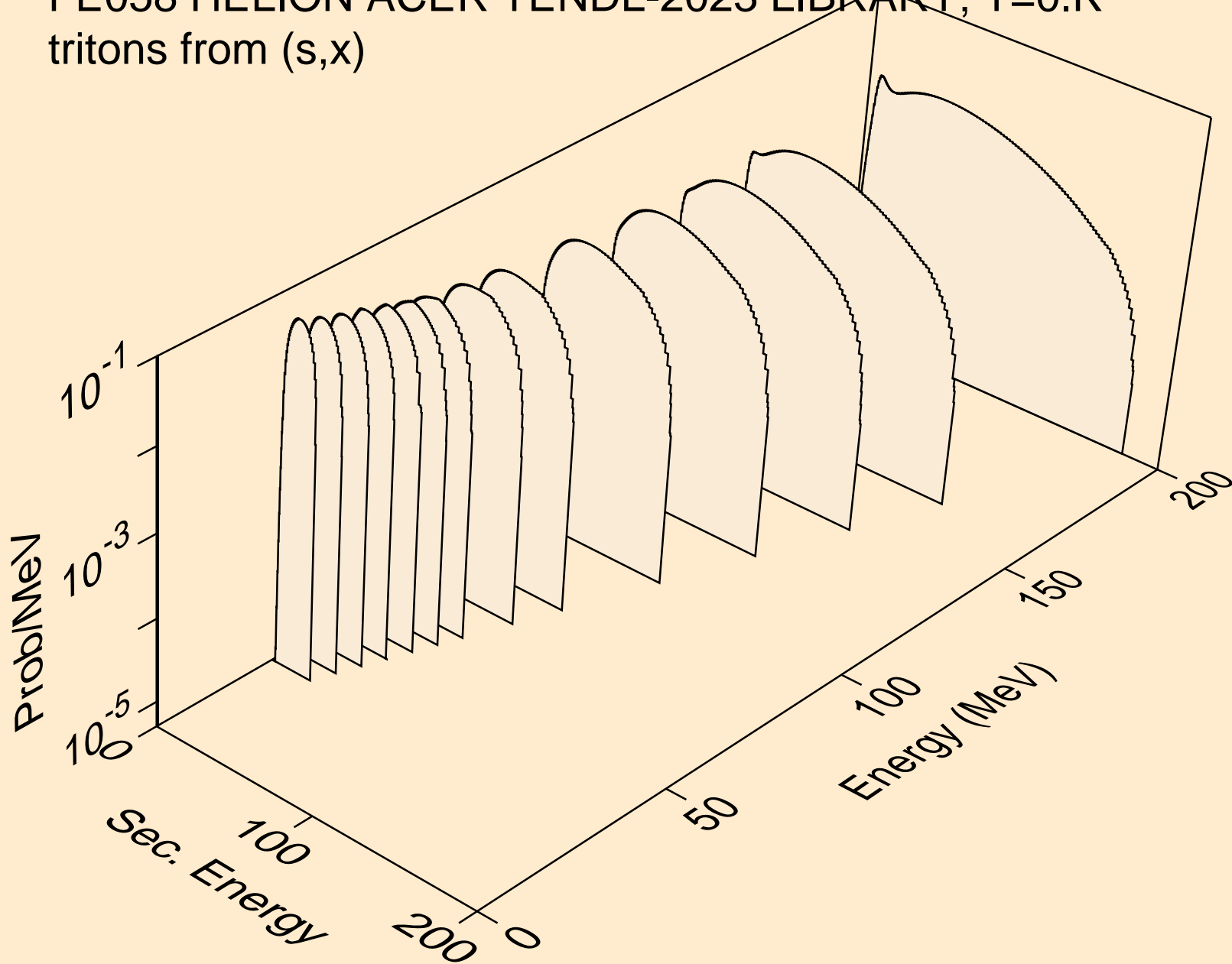
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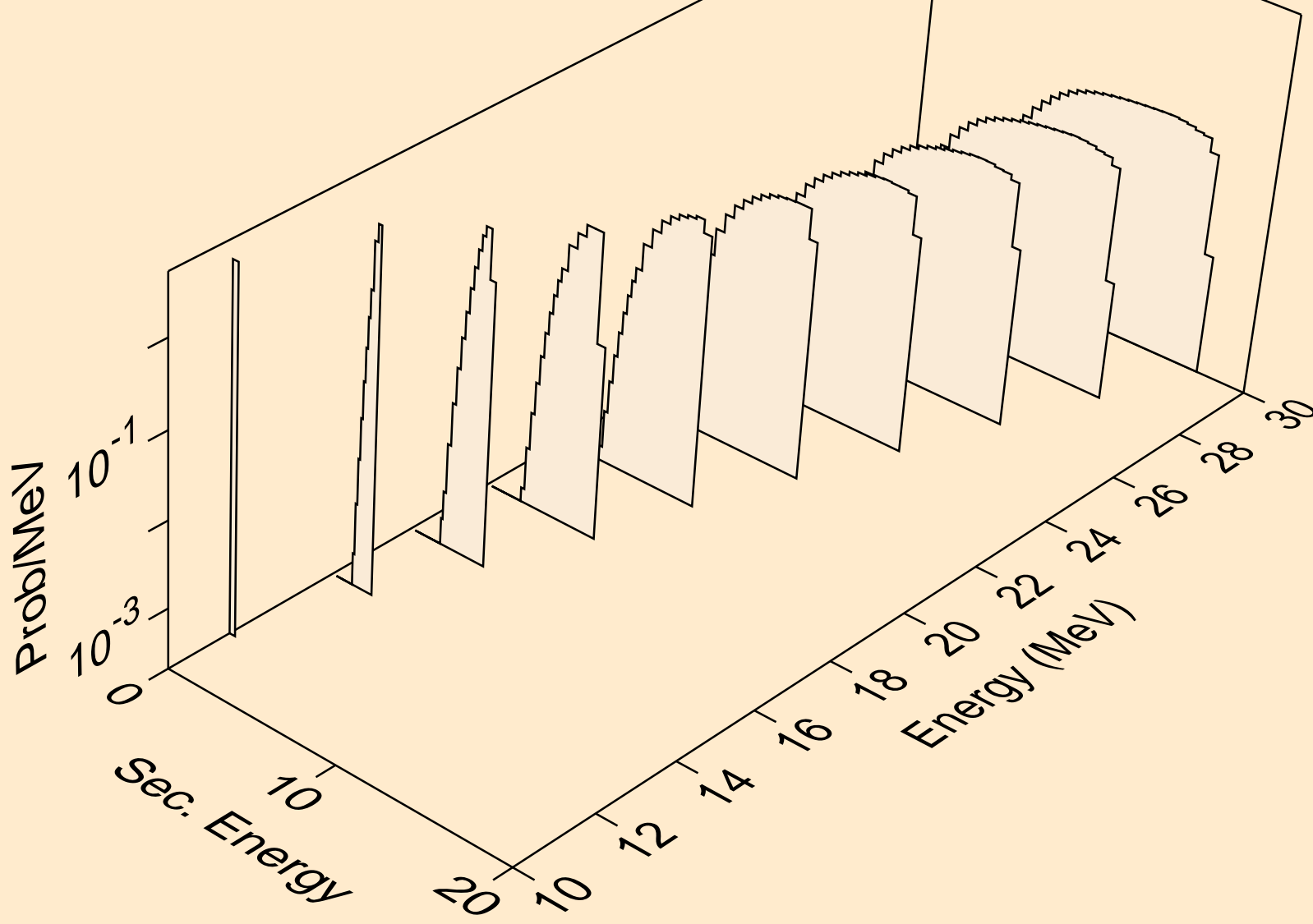
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deuterons from (s,da)



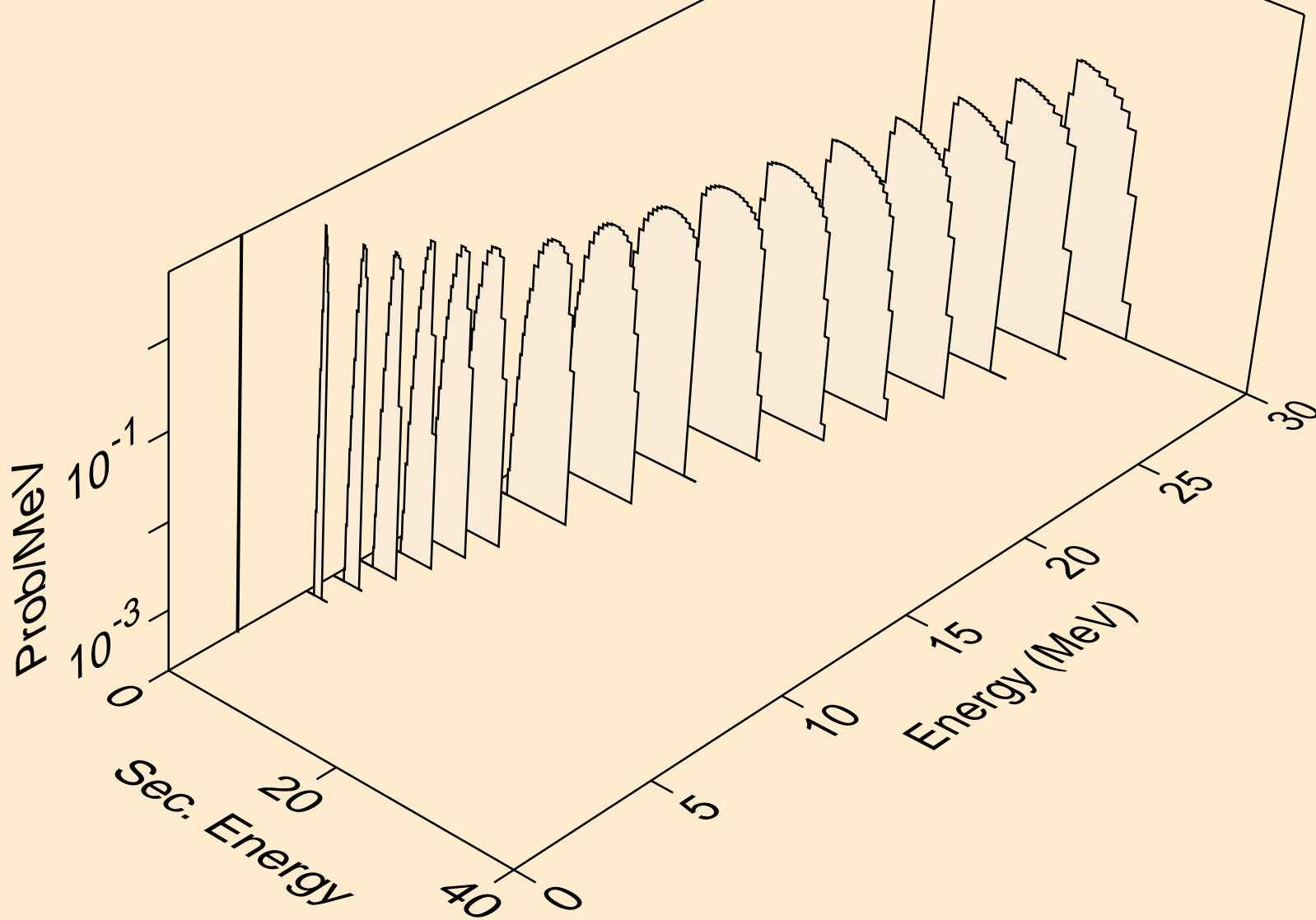
FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,x)



FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,n\*)t

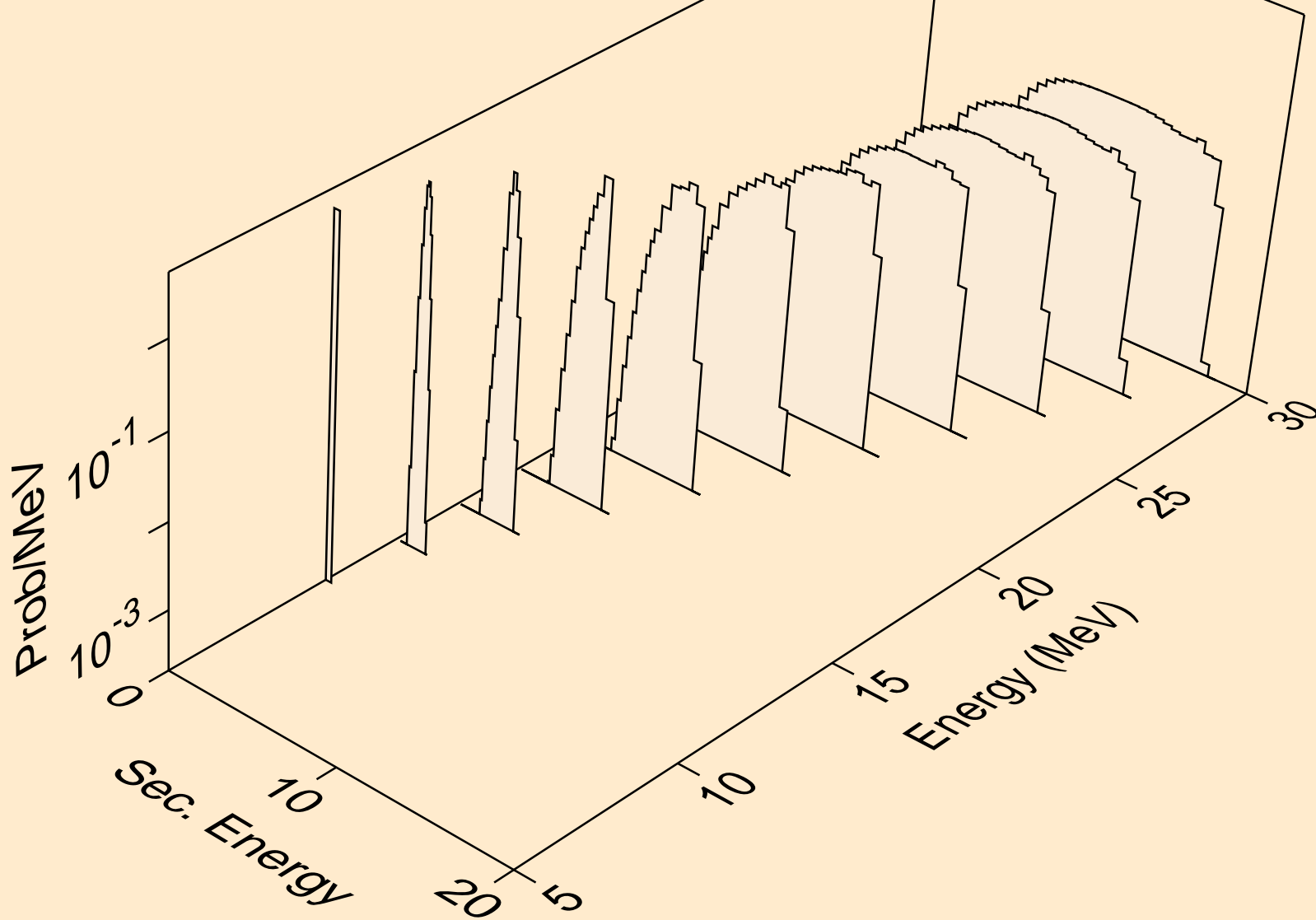


FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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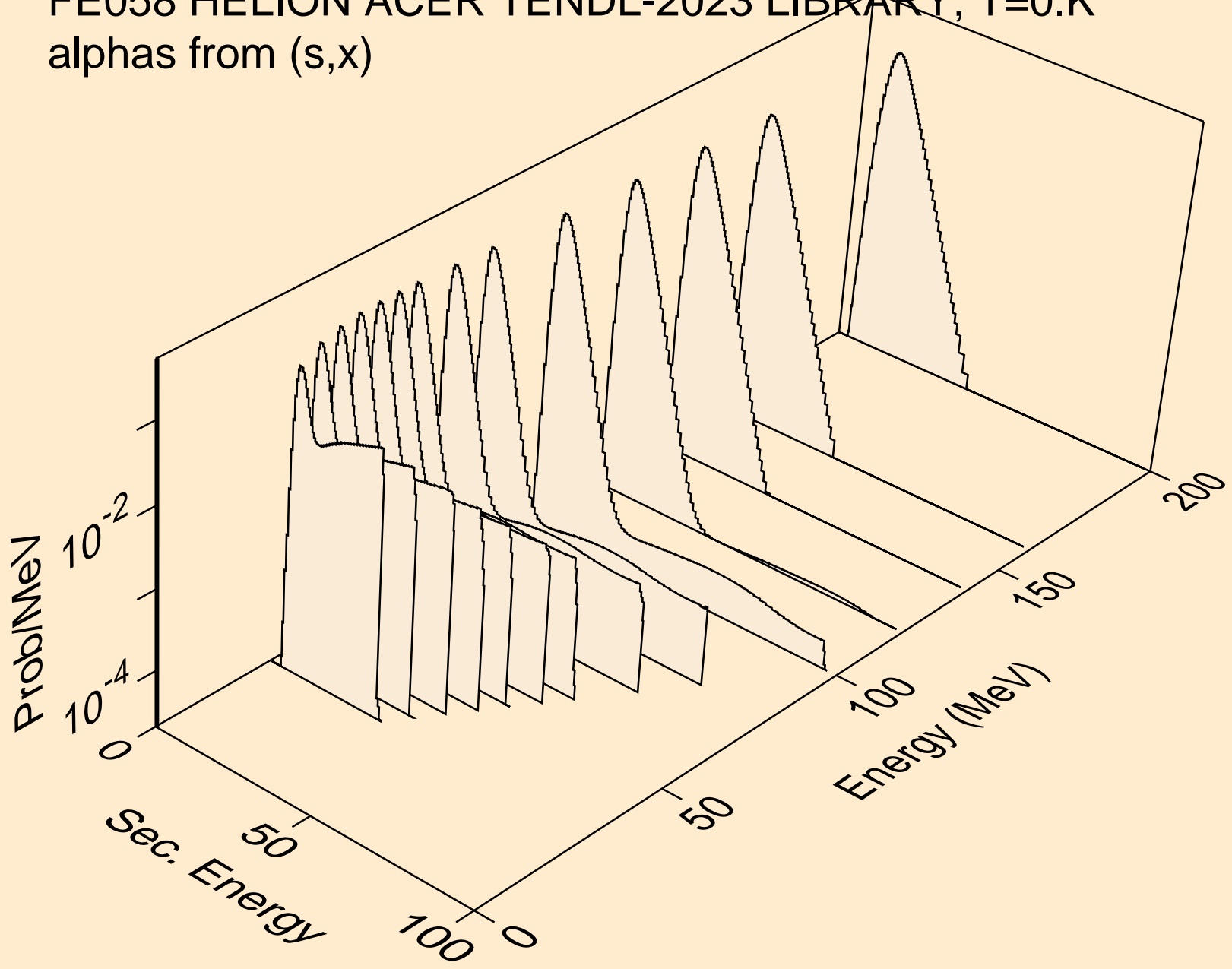




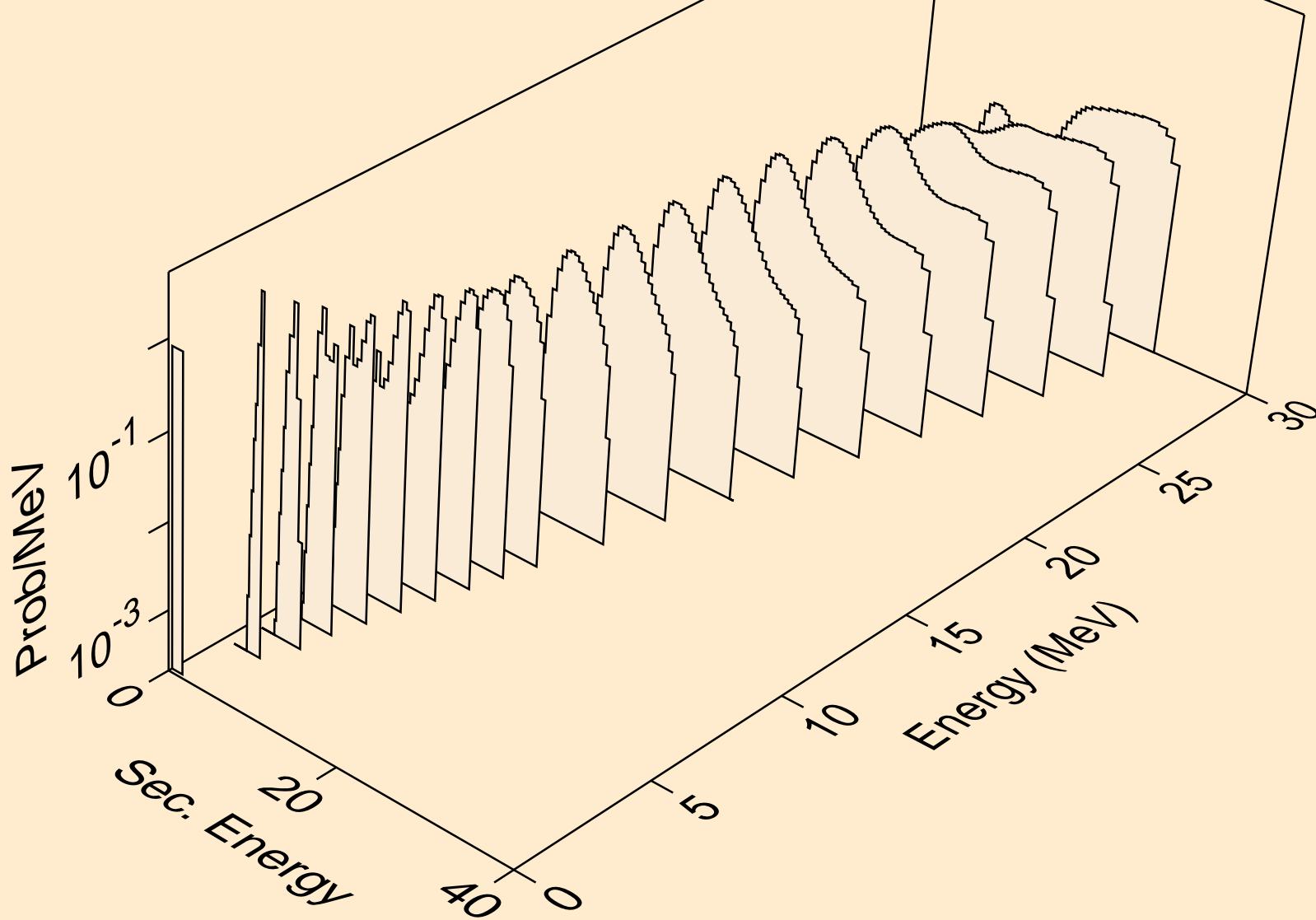
FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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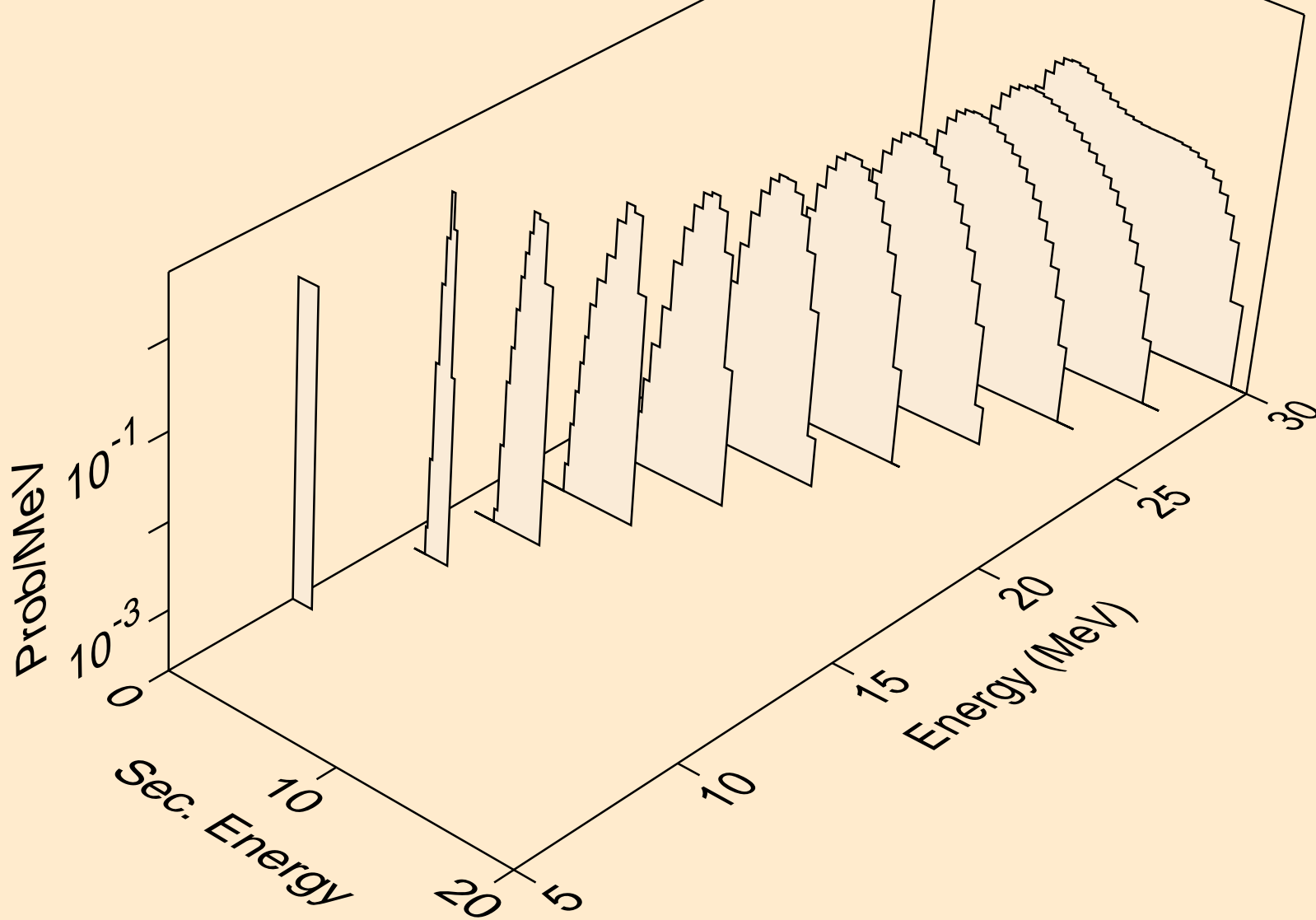
FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,x)



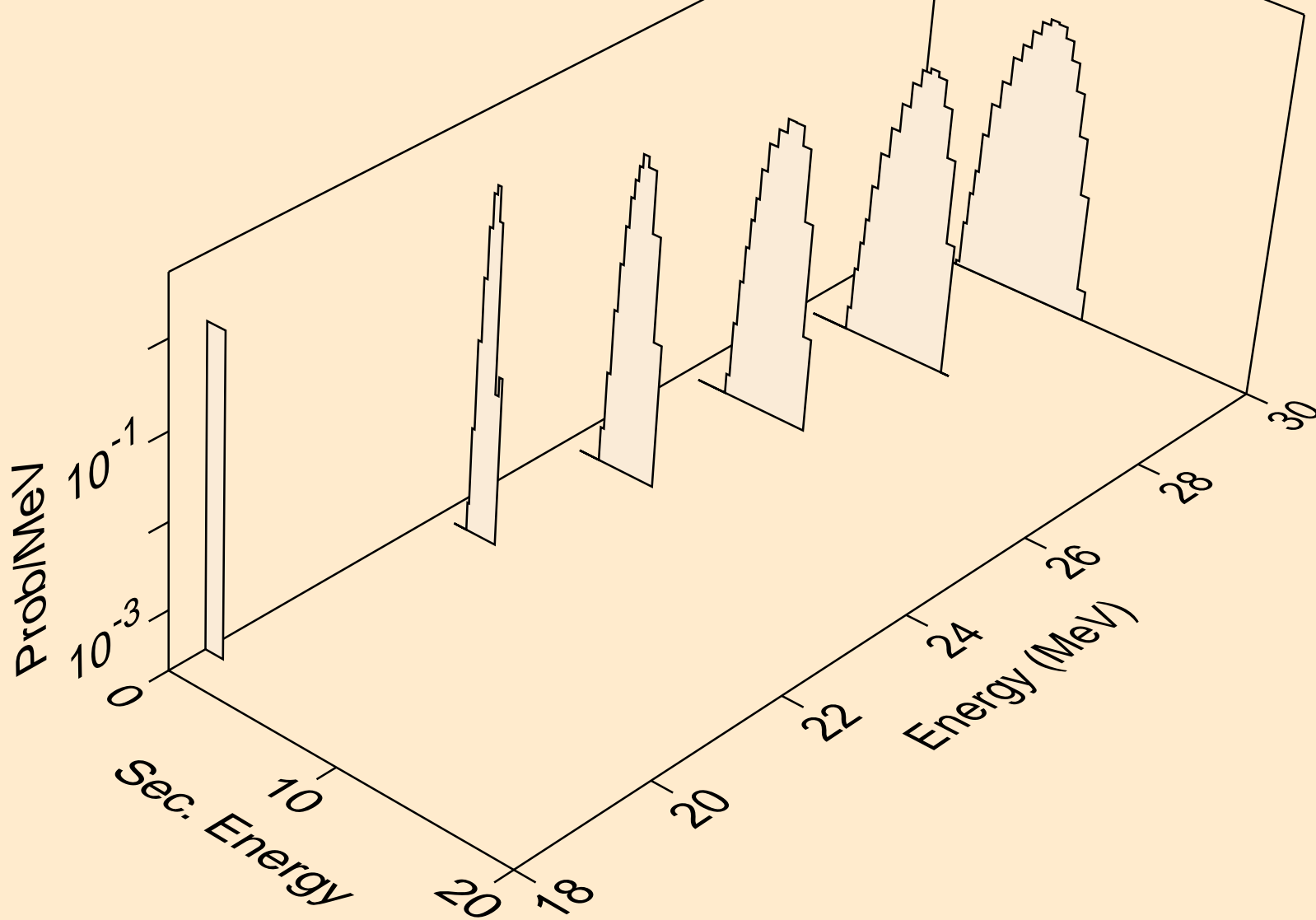
FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)a



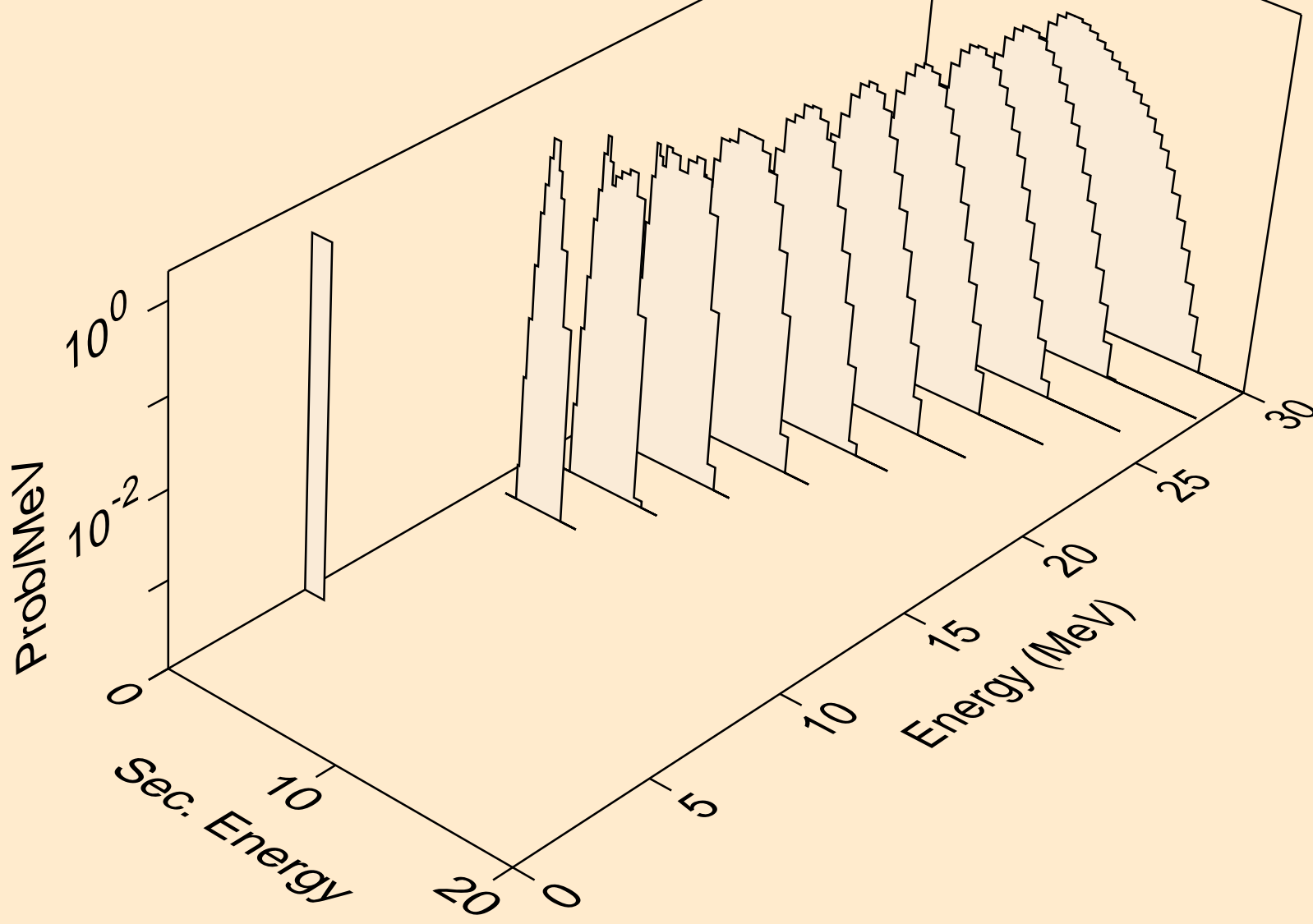
FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2n)a



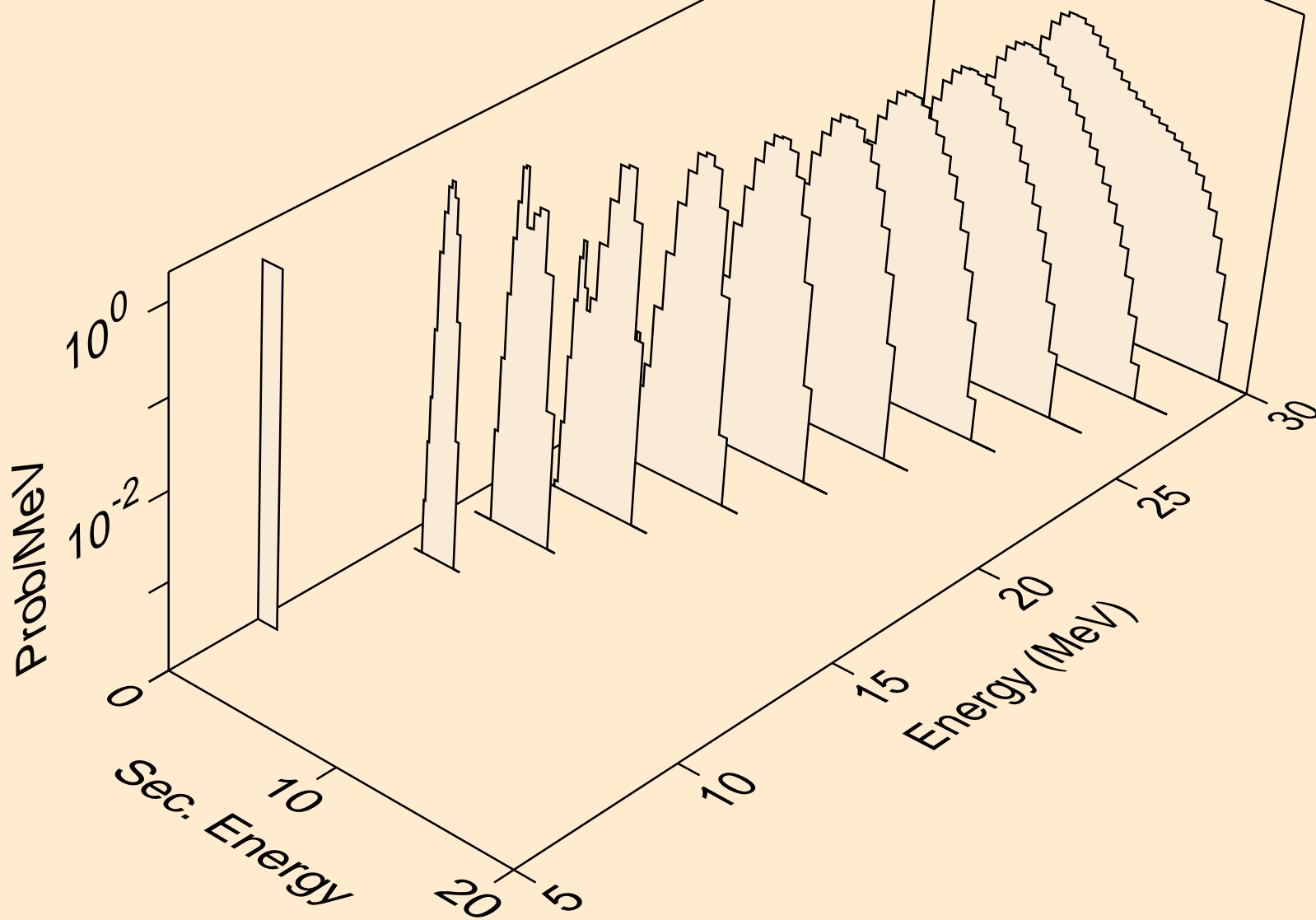
FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,3n)a



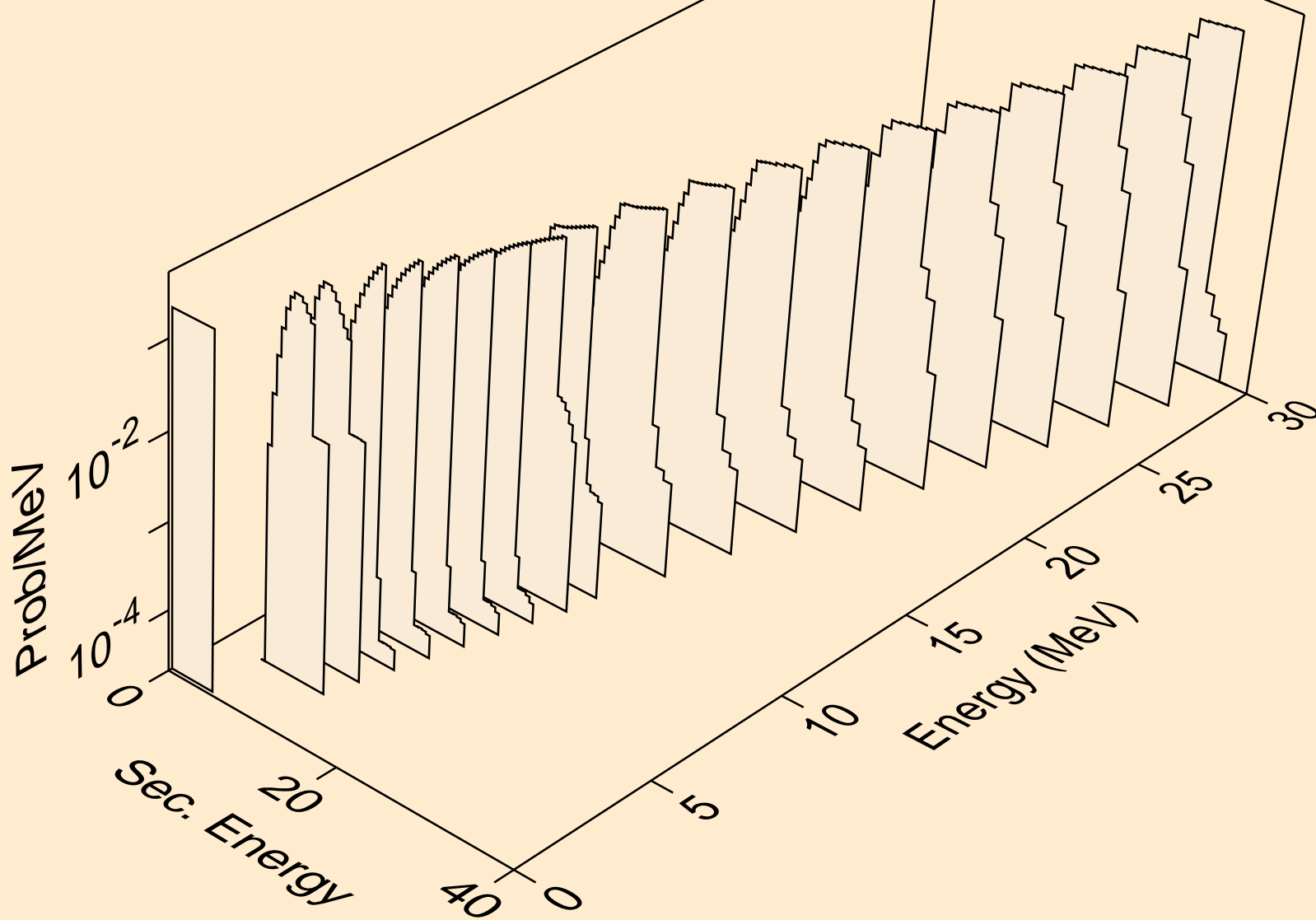
FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)2a



FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,npa)

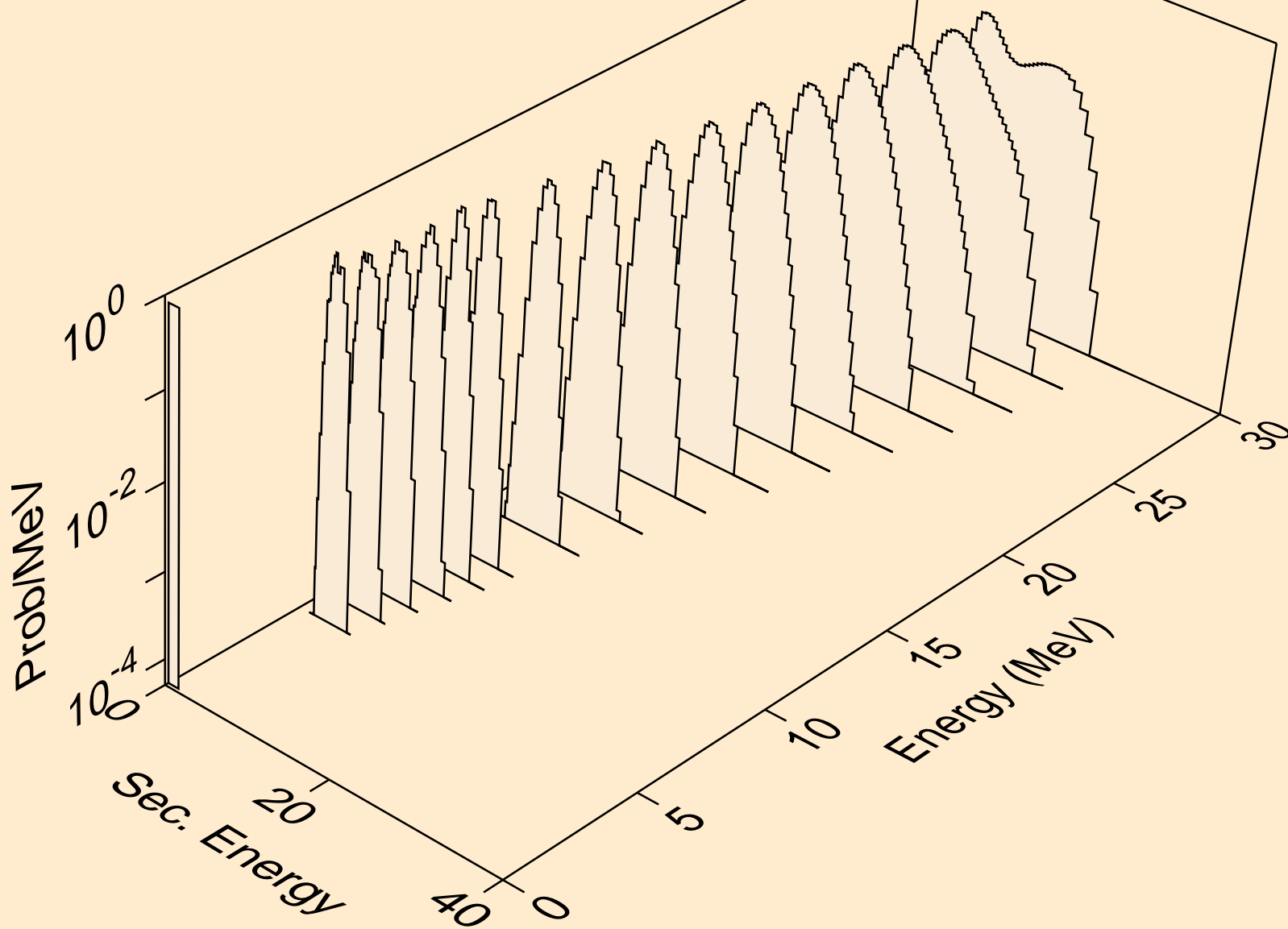


FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,a)

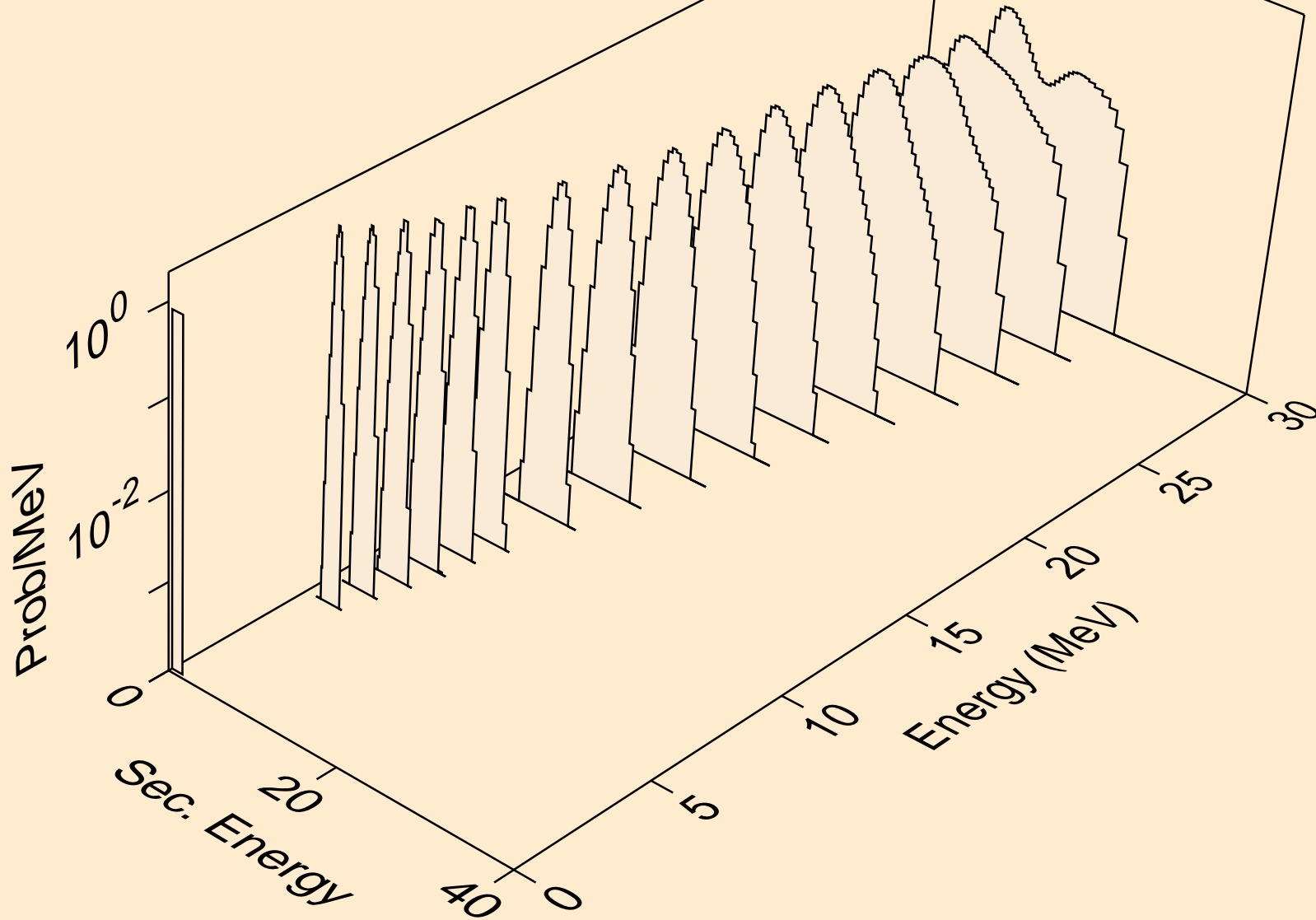




FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2a)



FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,pa)



FE058 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,da)

