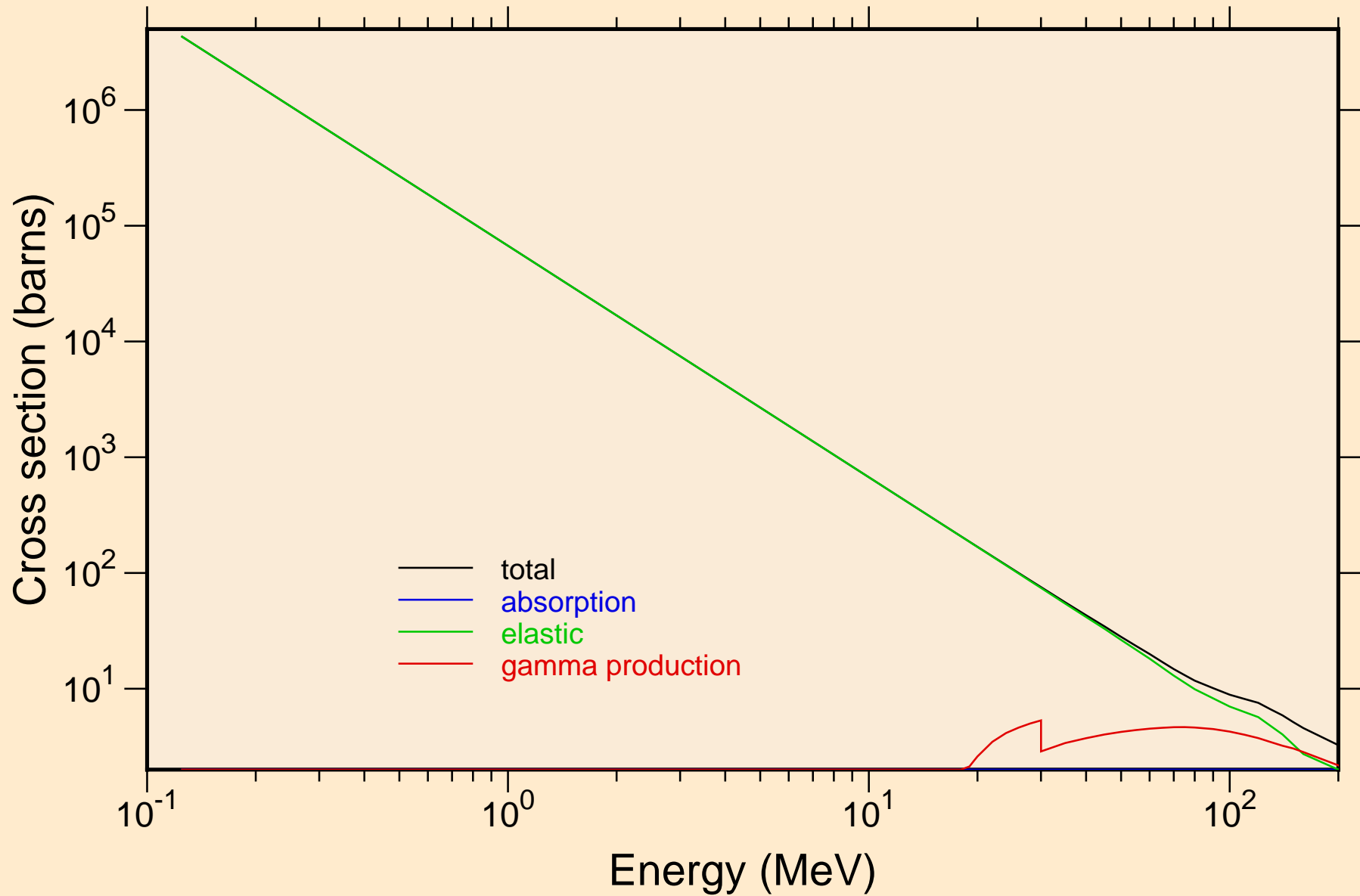
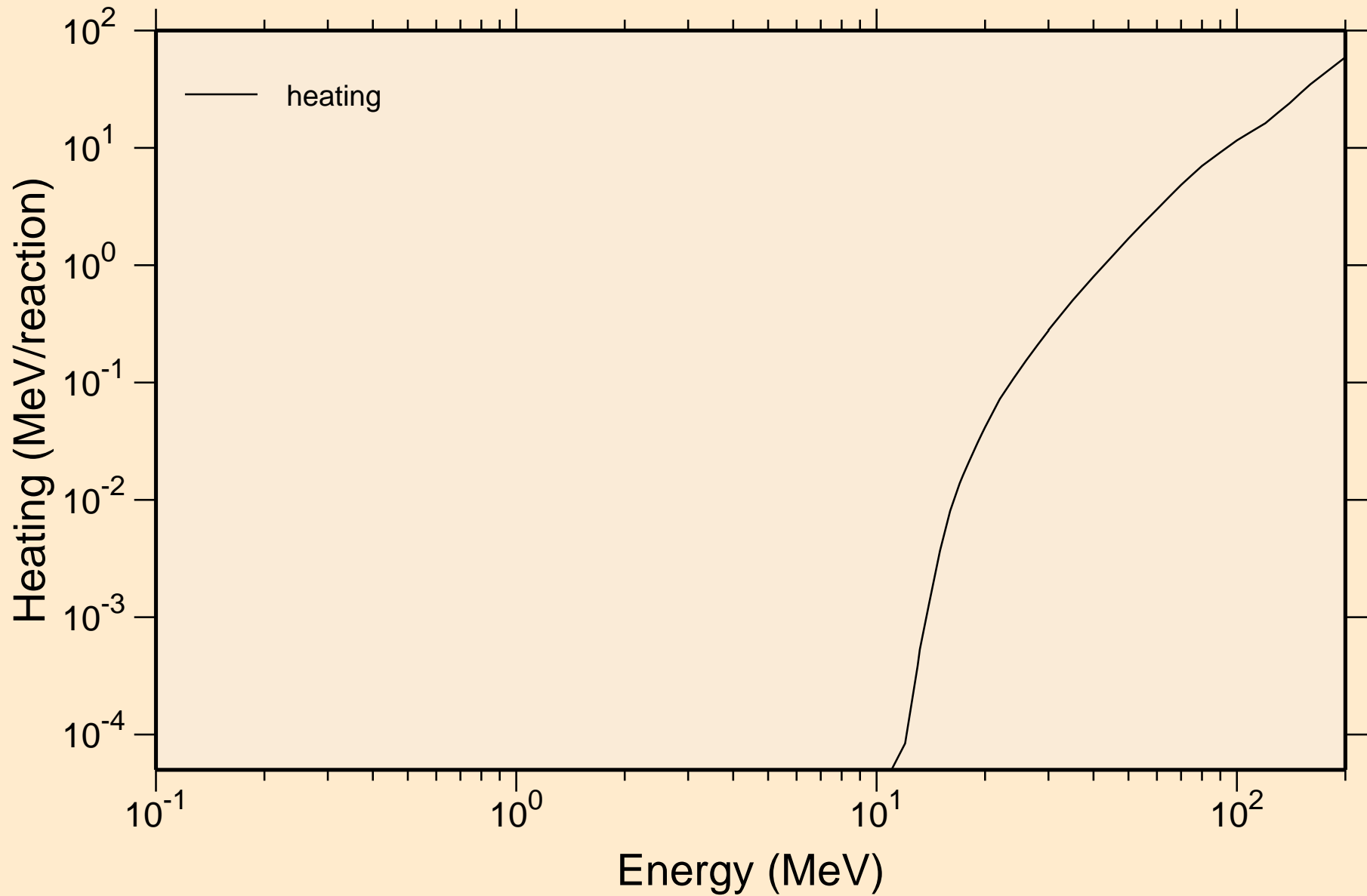


SB116 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



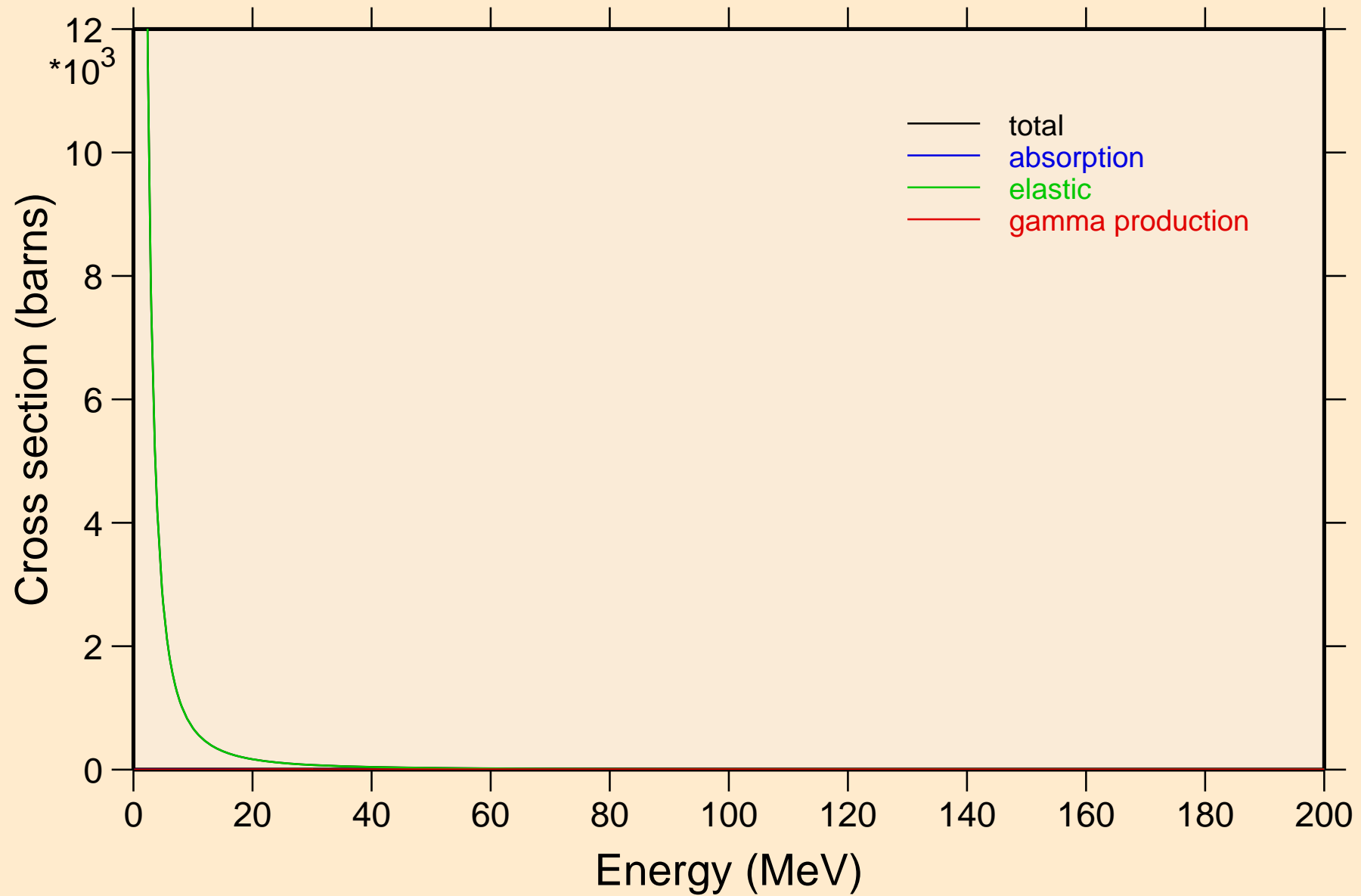
SB116 HELION ACER TENDL-2023 LIBRARY; T=0.K

Heating



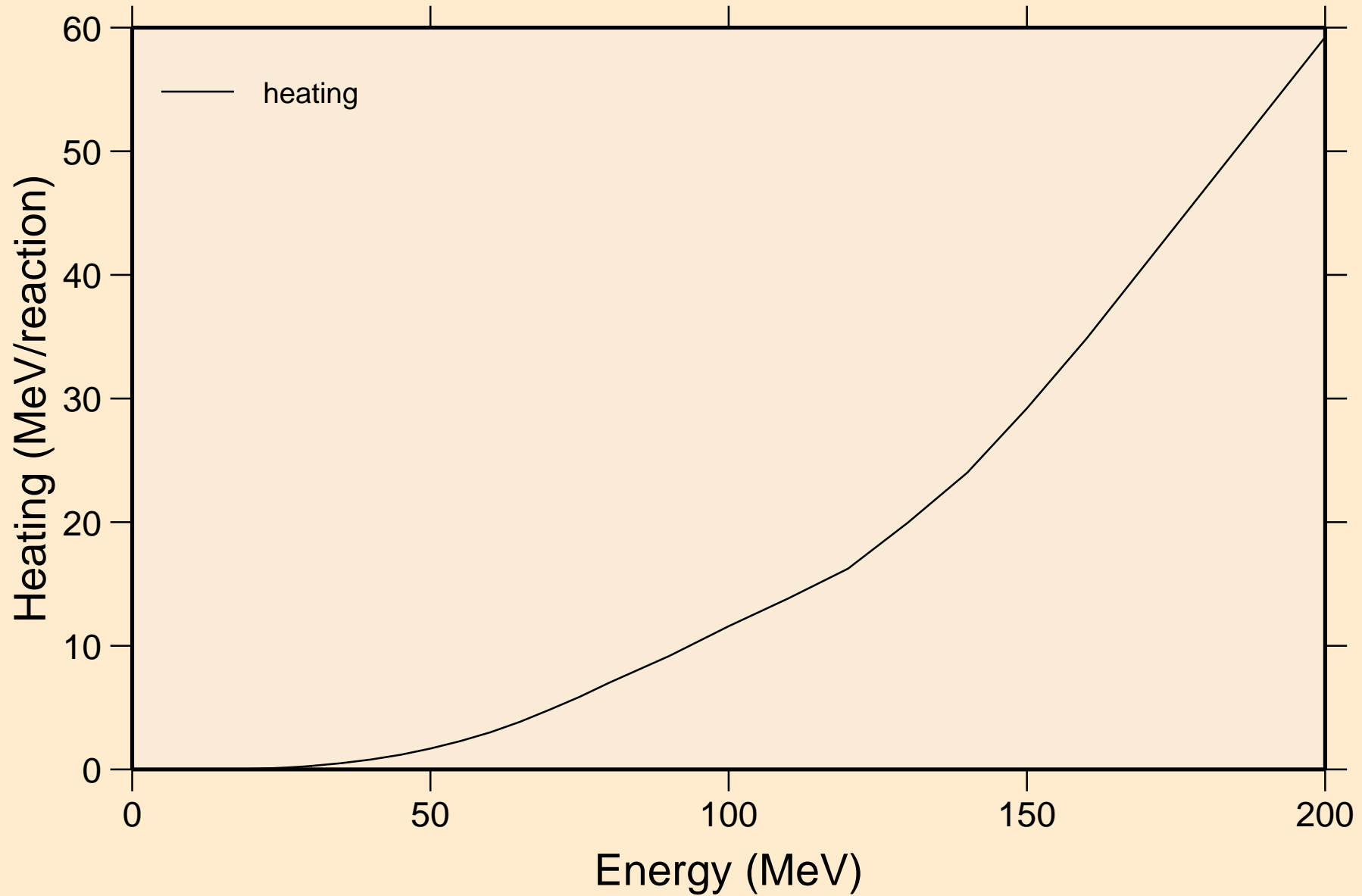
# SB116 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

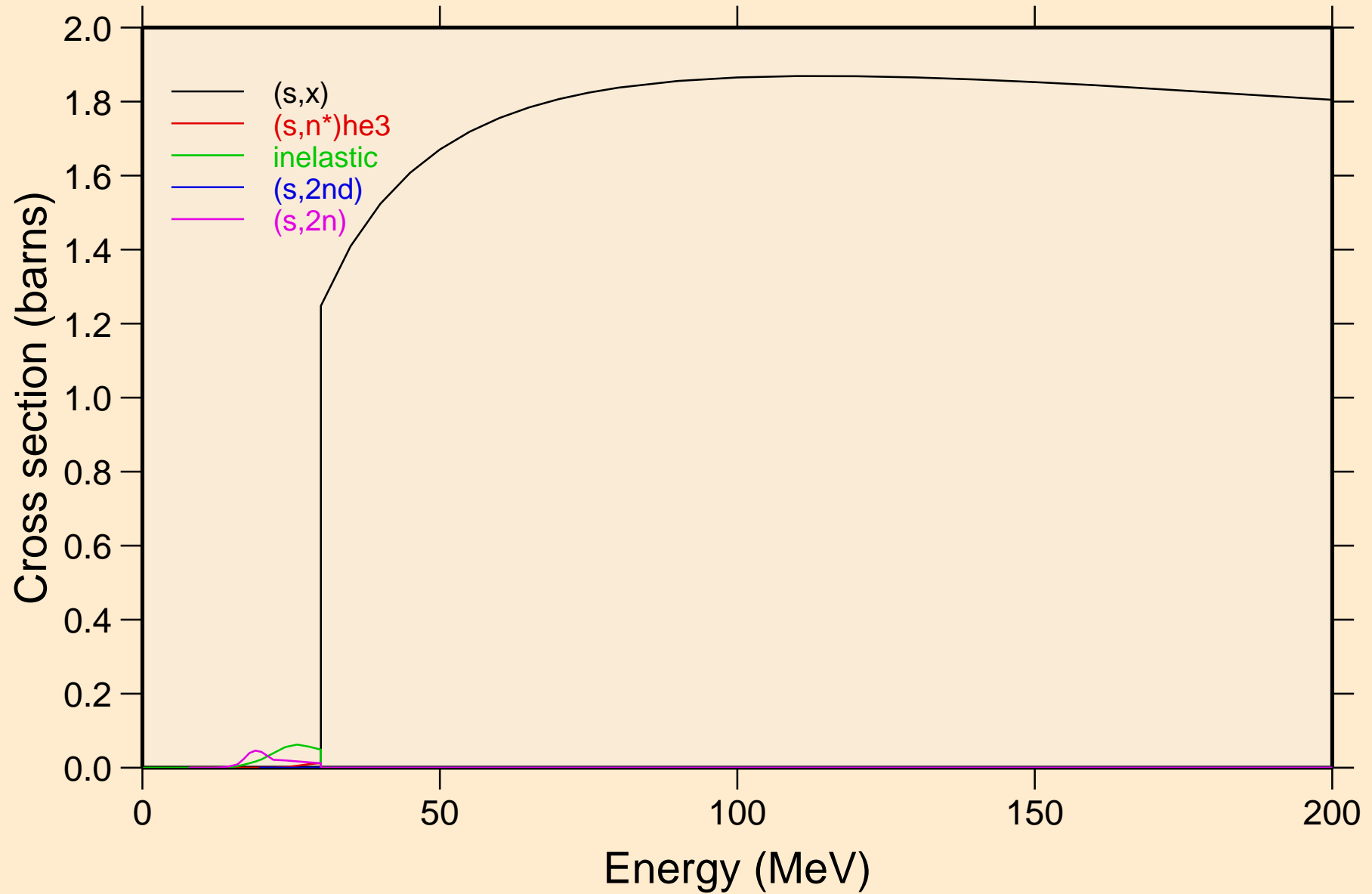


SB116 HELION ACER TENDL-2023 LIBRARY; T=0.K

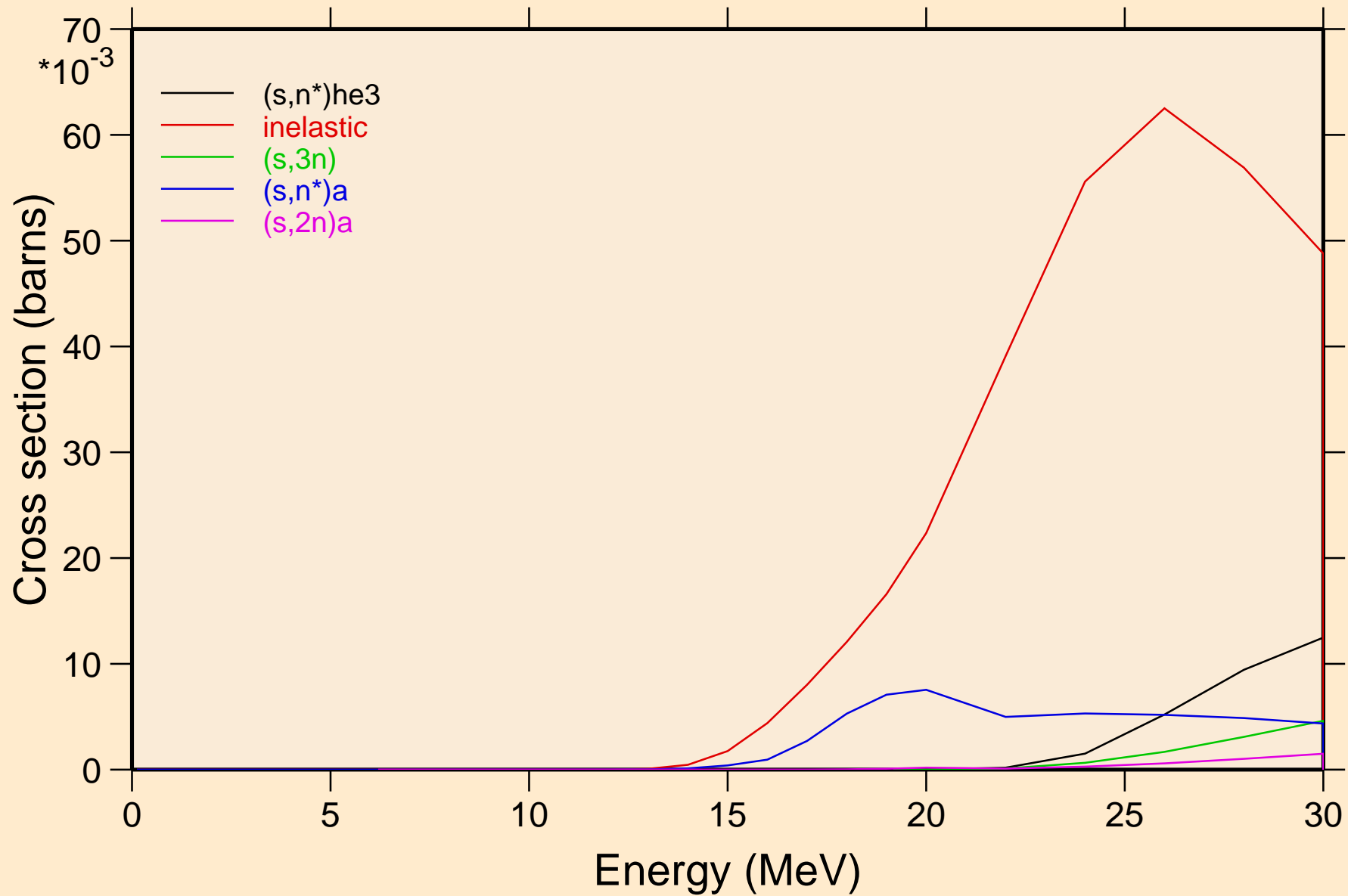
Heating



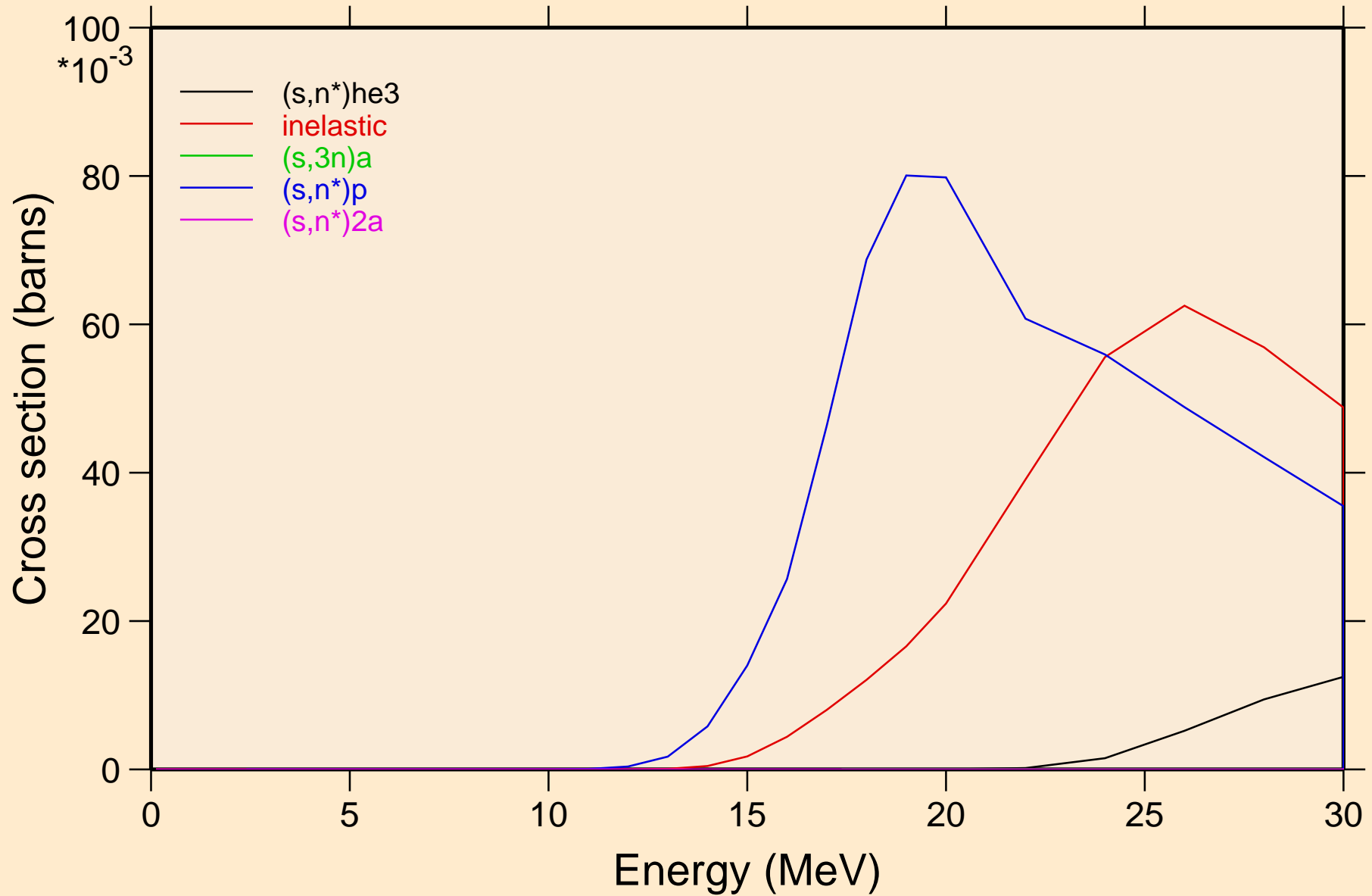
SB116 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



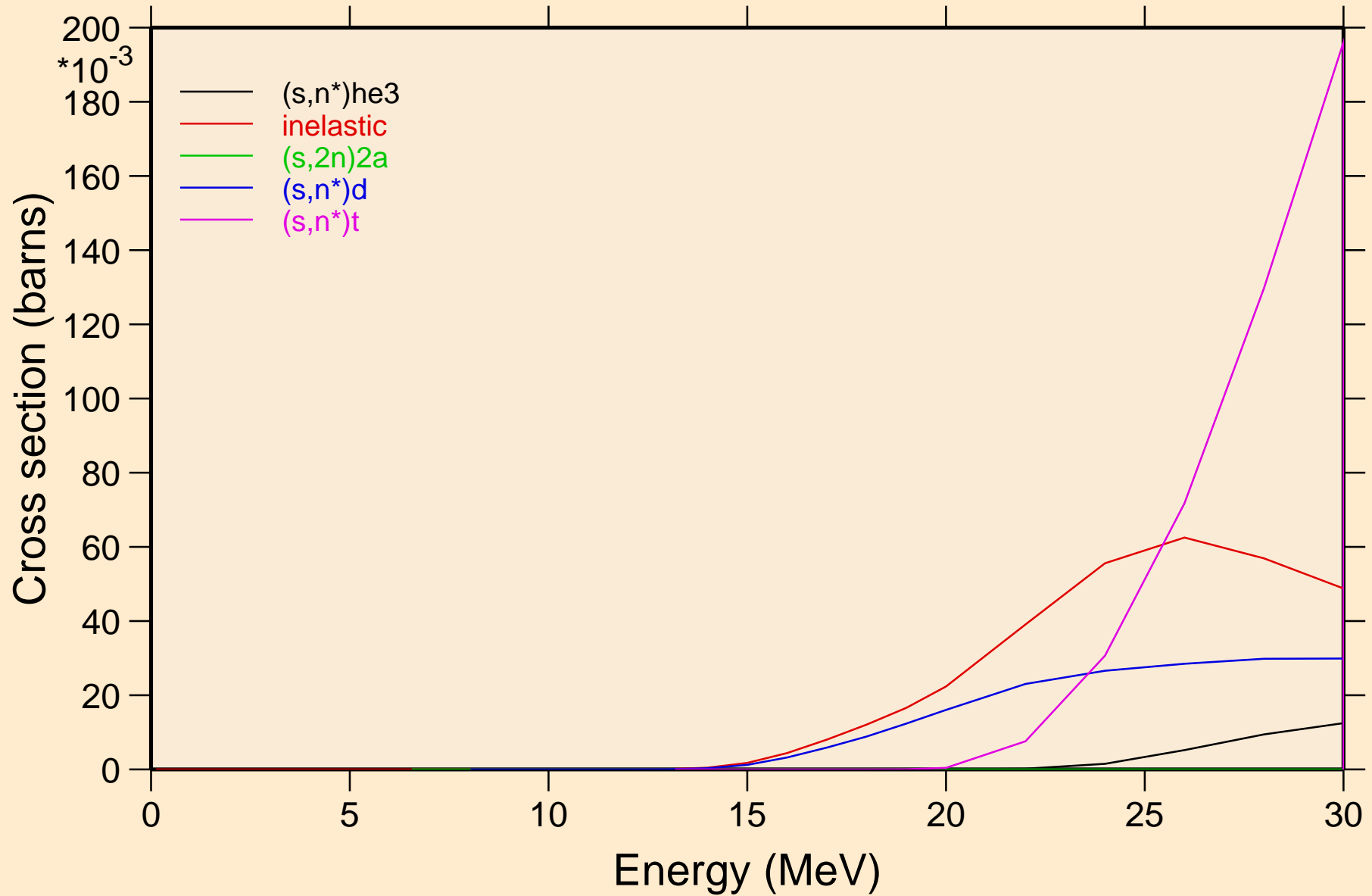
SB116 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



SB116 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



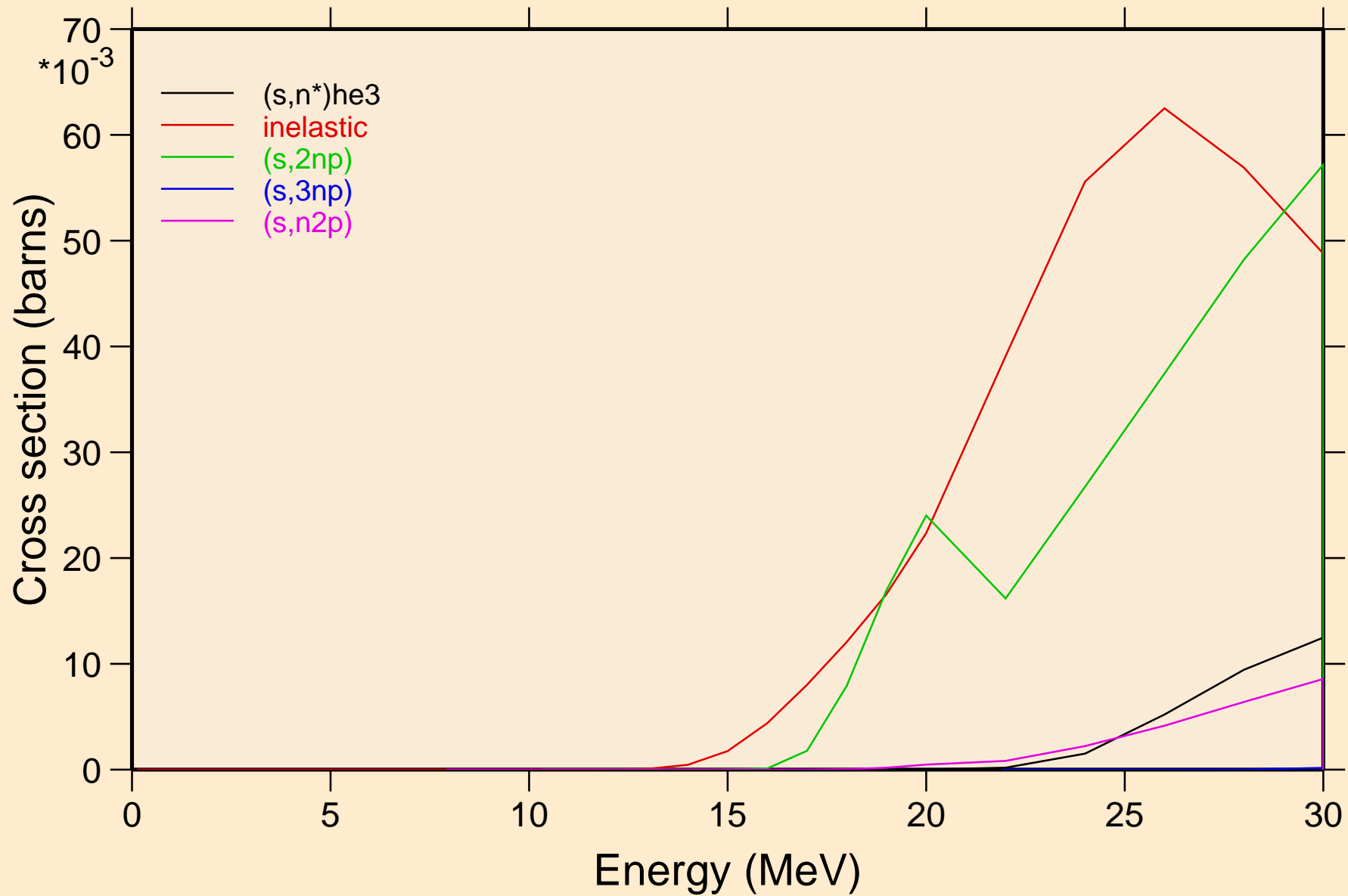
SB116 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



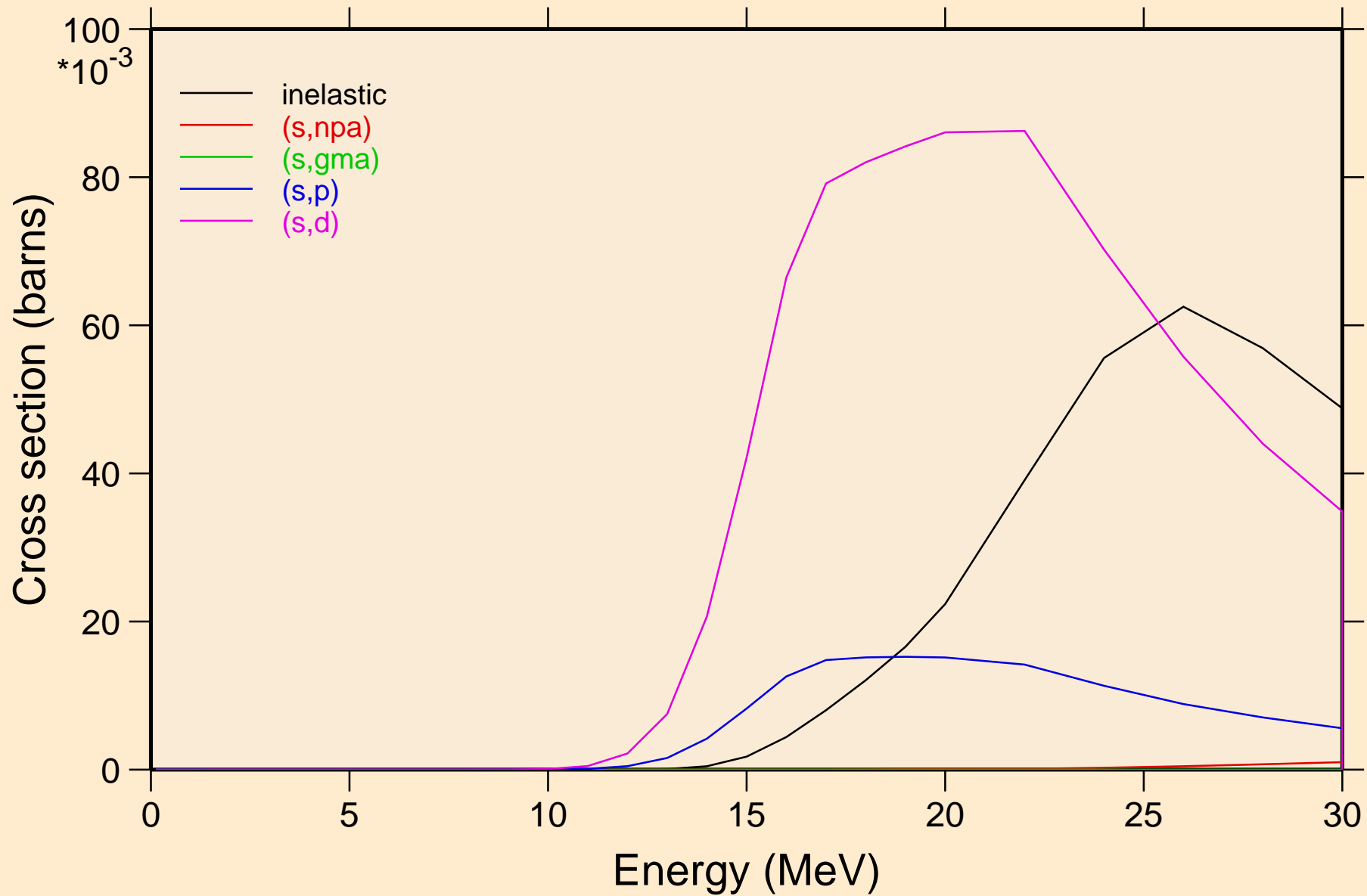


# SB116 HELION ACER TENDL-2023 LIBRARY; T=0.K

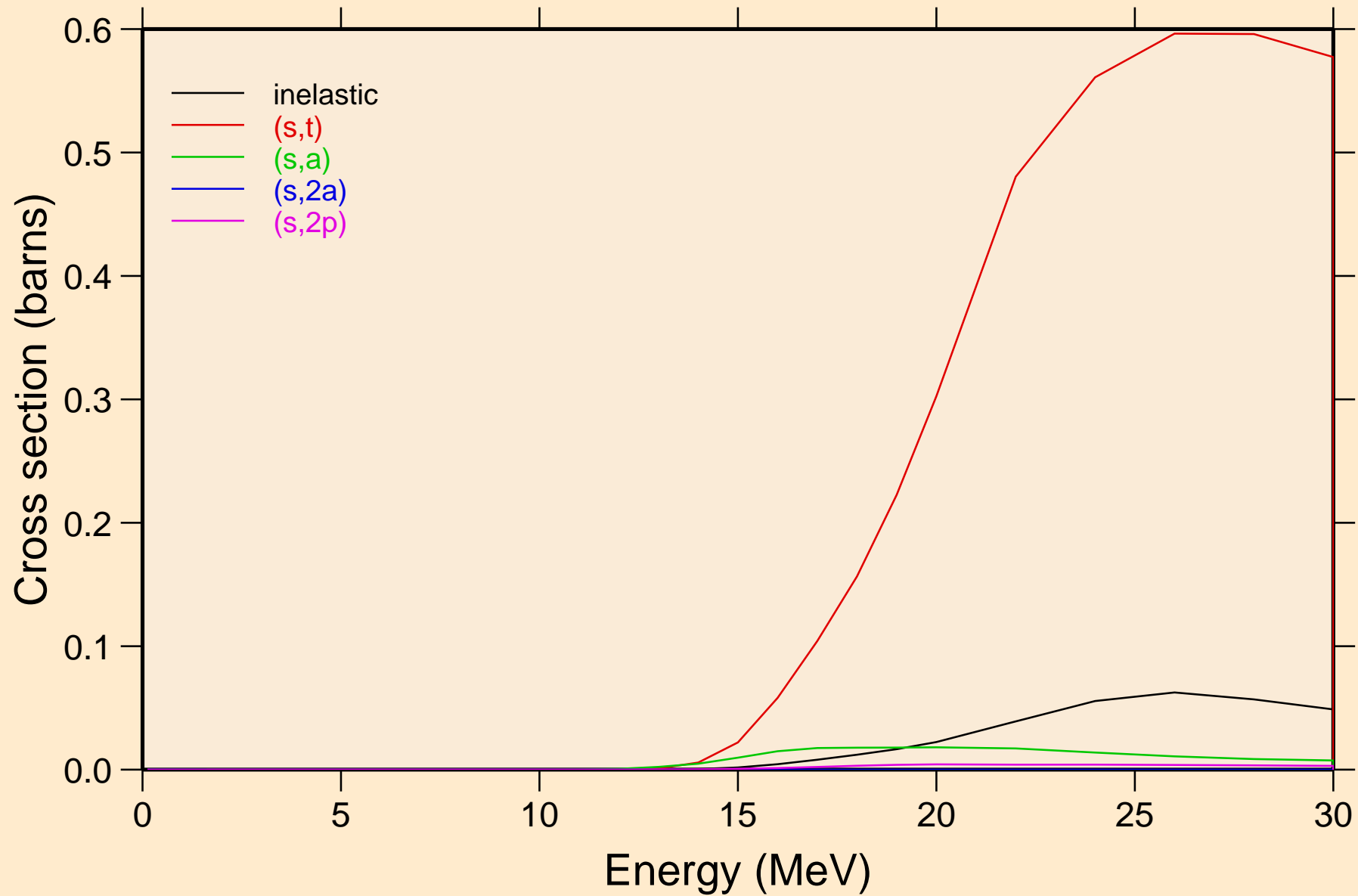
## Threshold reactions



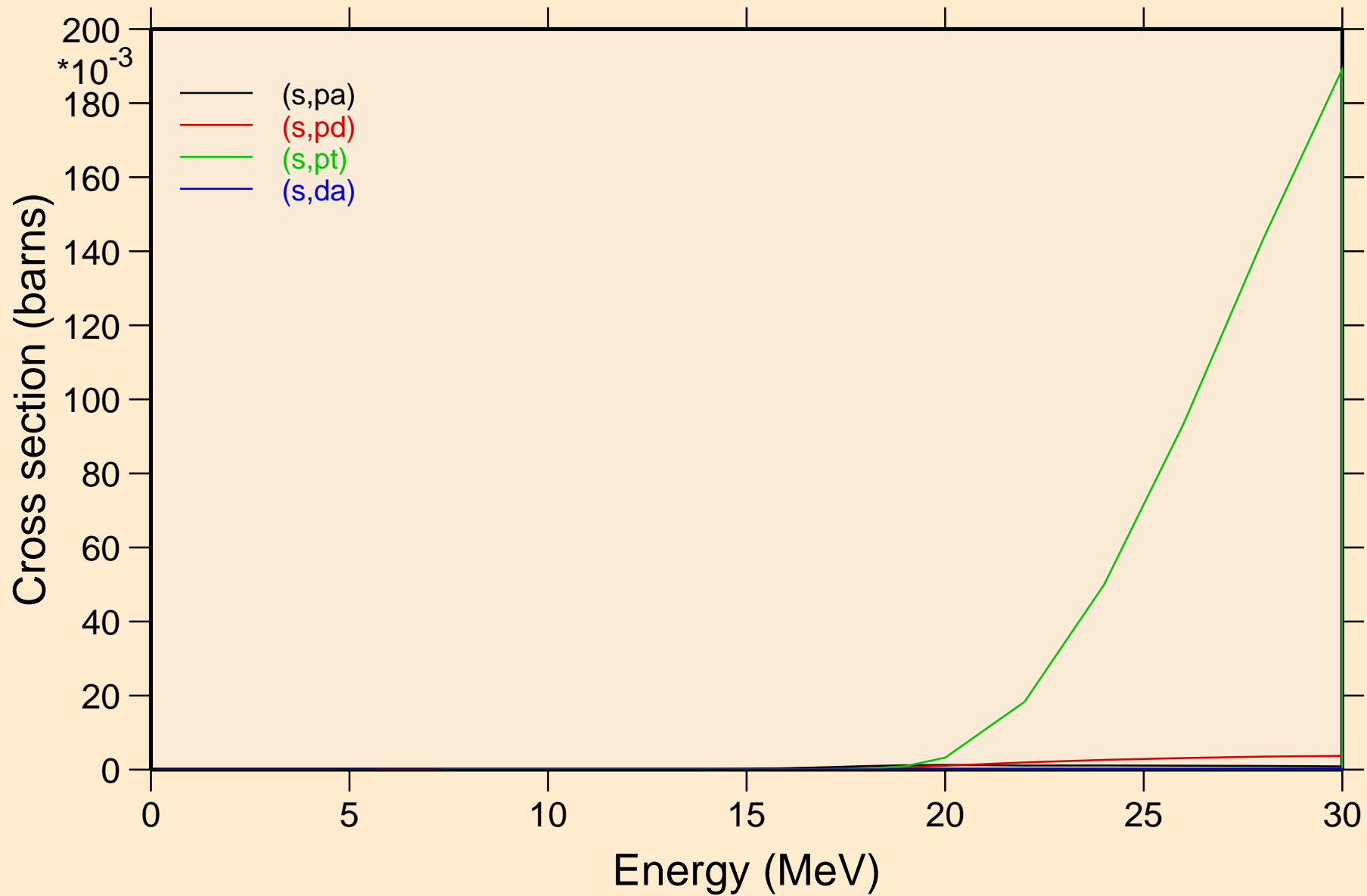
SB116 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



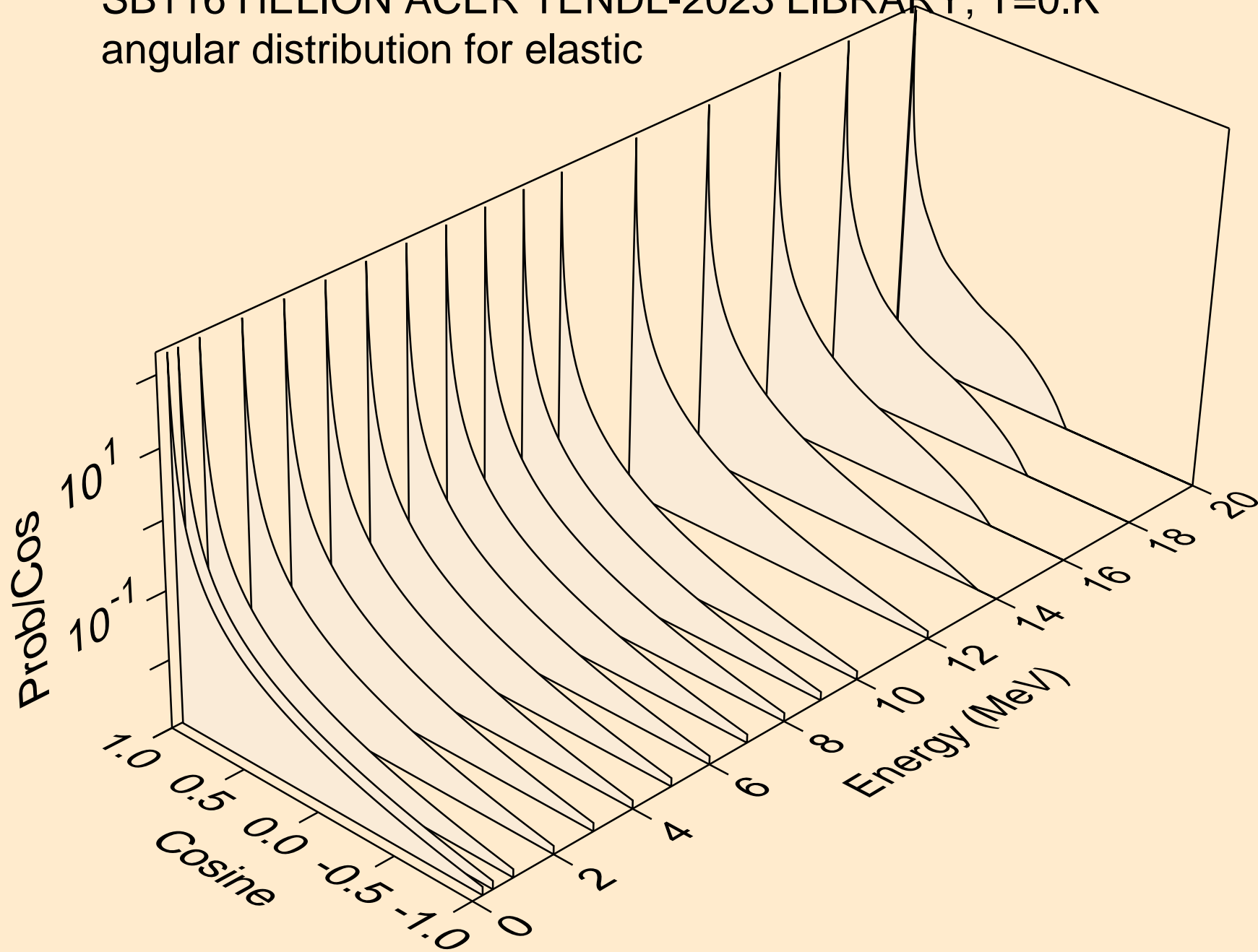
SB116 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



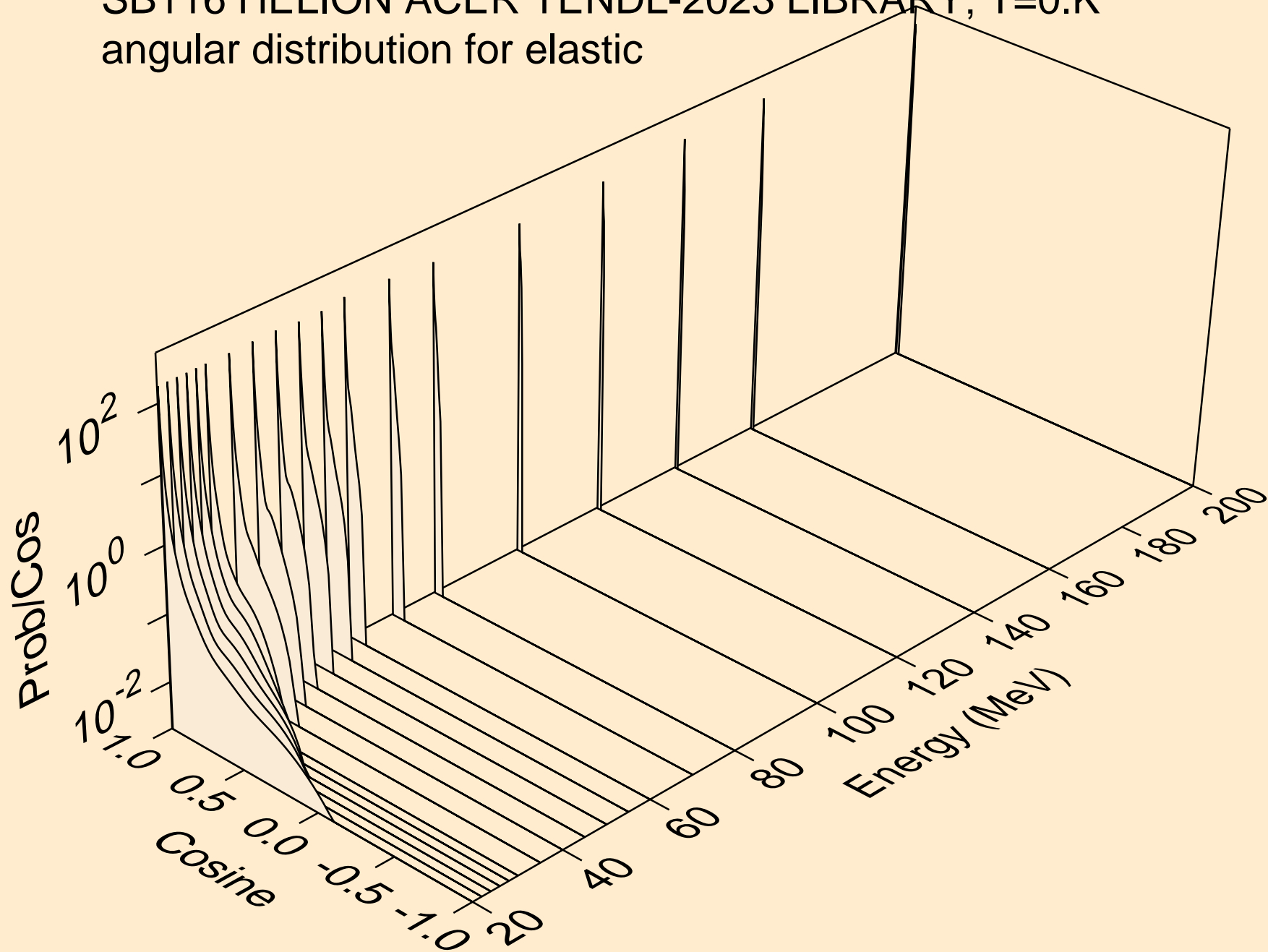
SB116 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



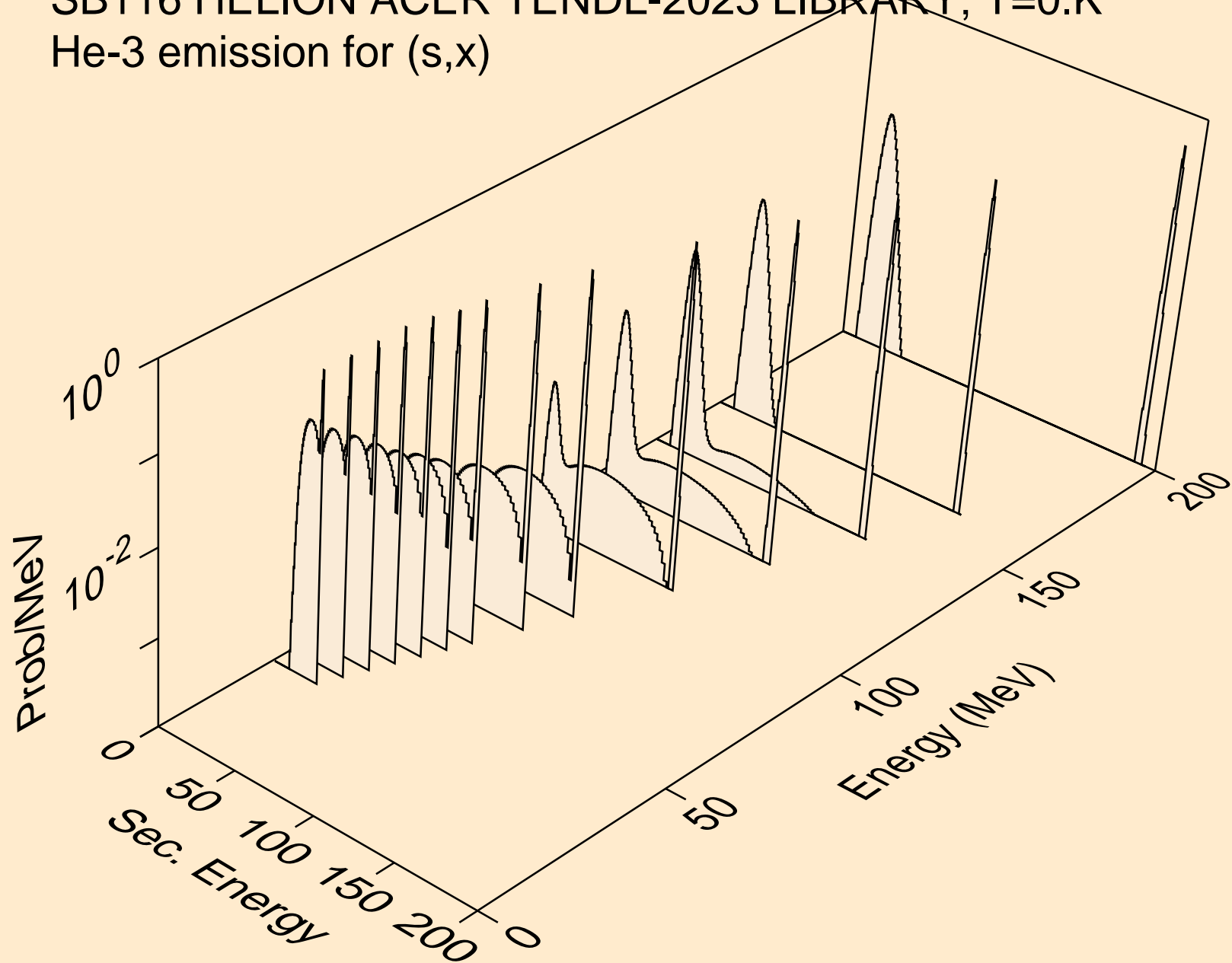
SB116 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



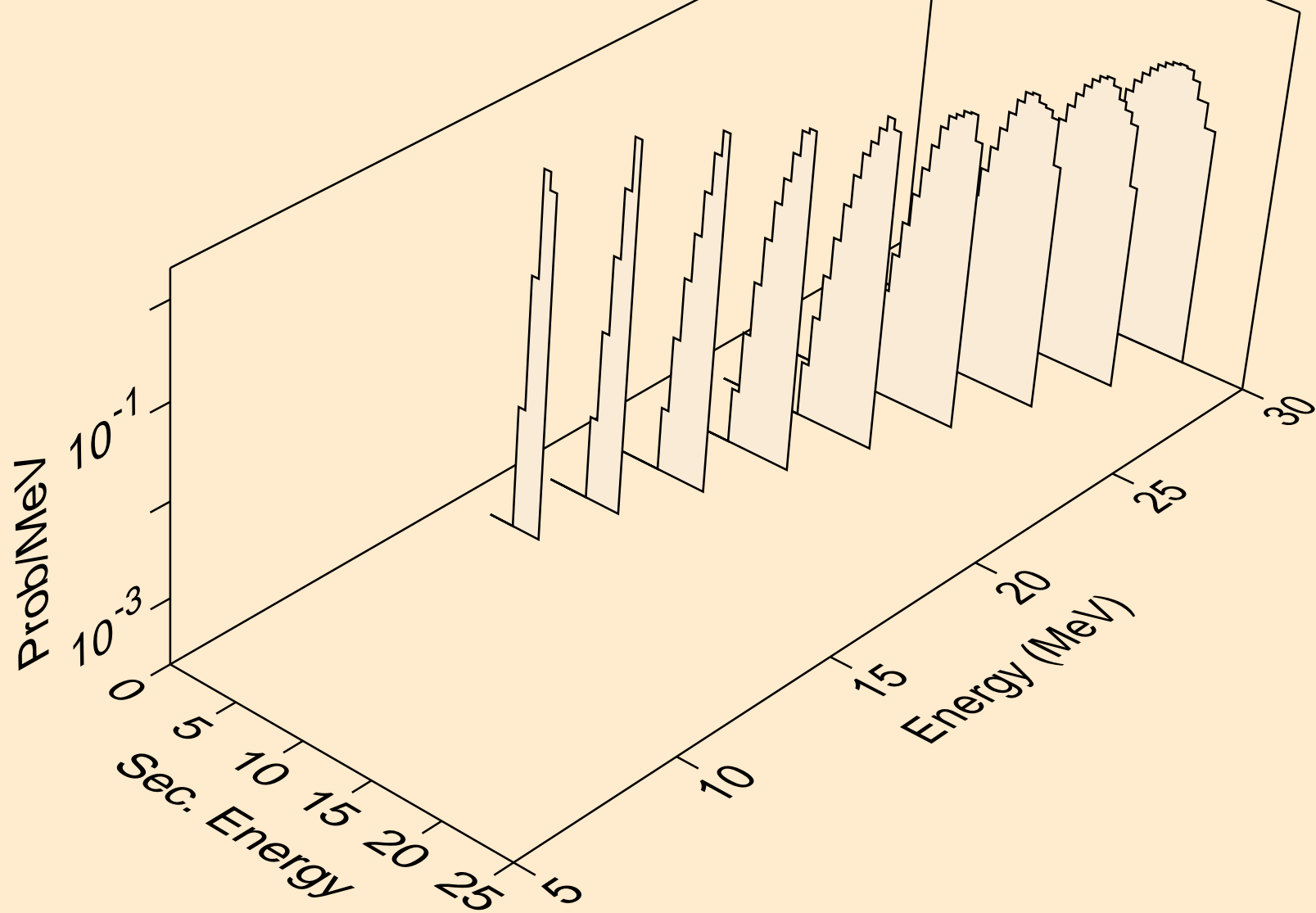
SB116 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



SB116 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,x)

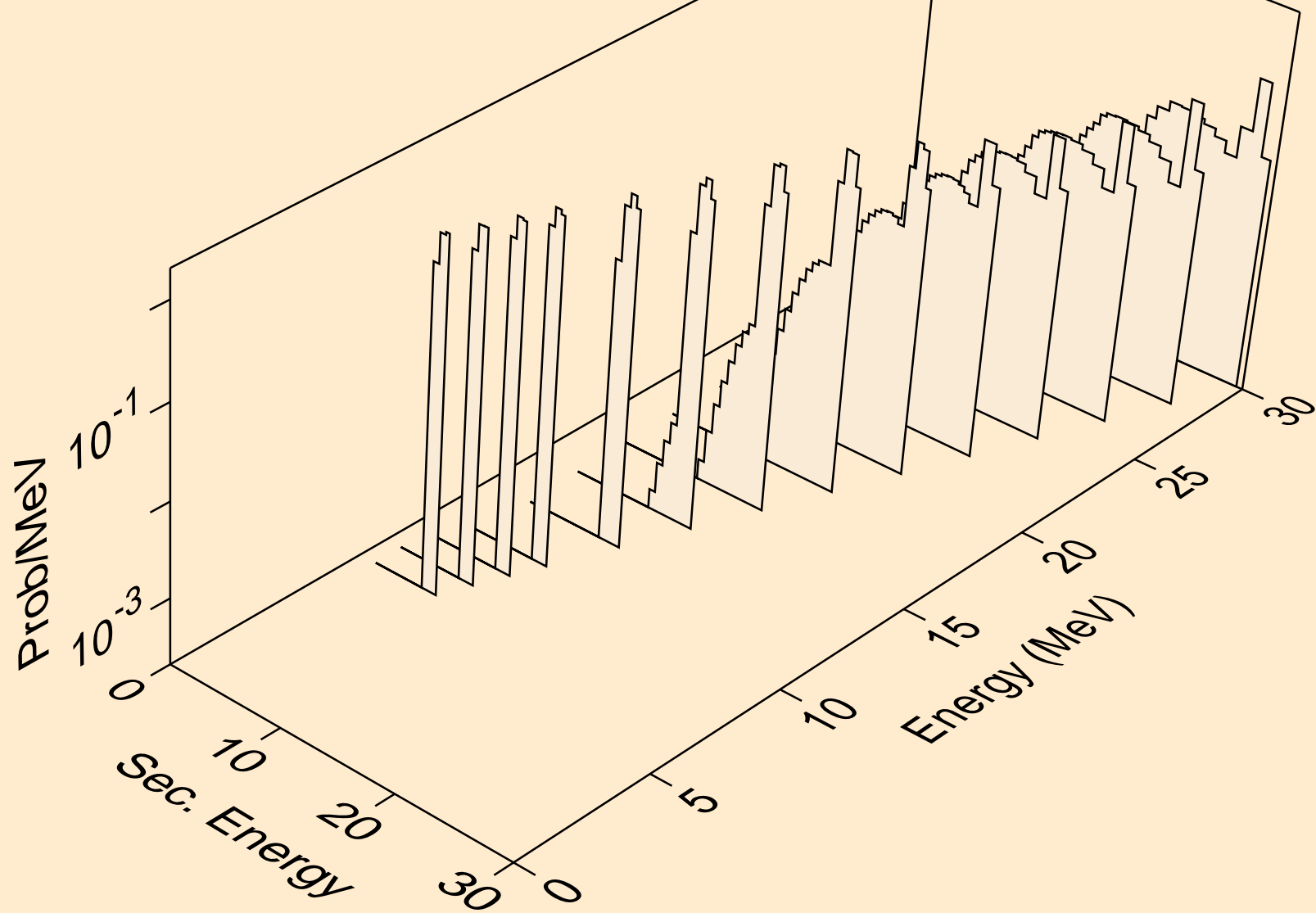


SB116 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

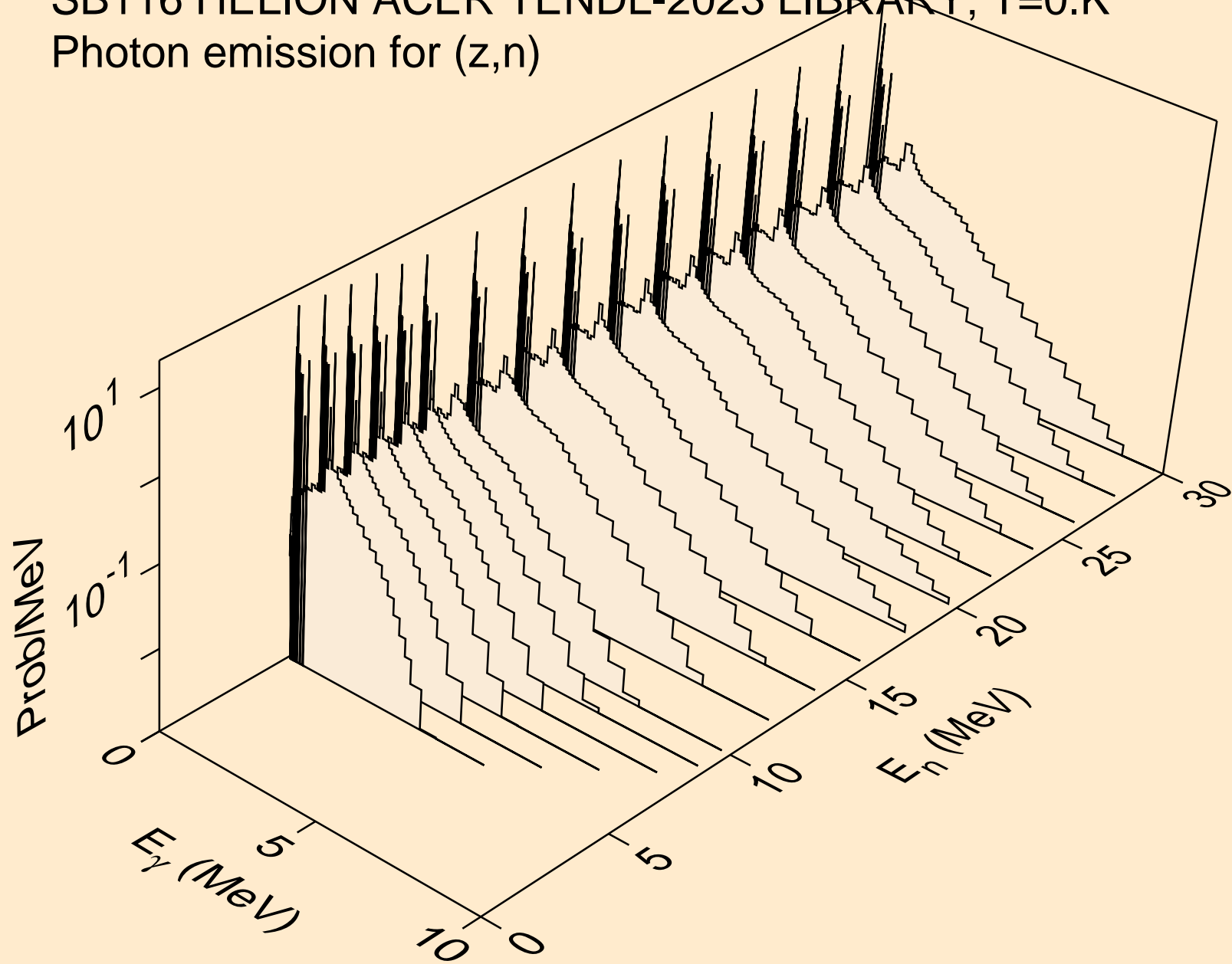




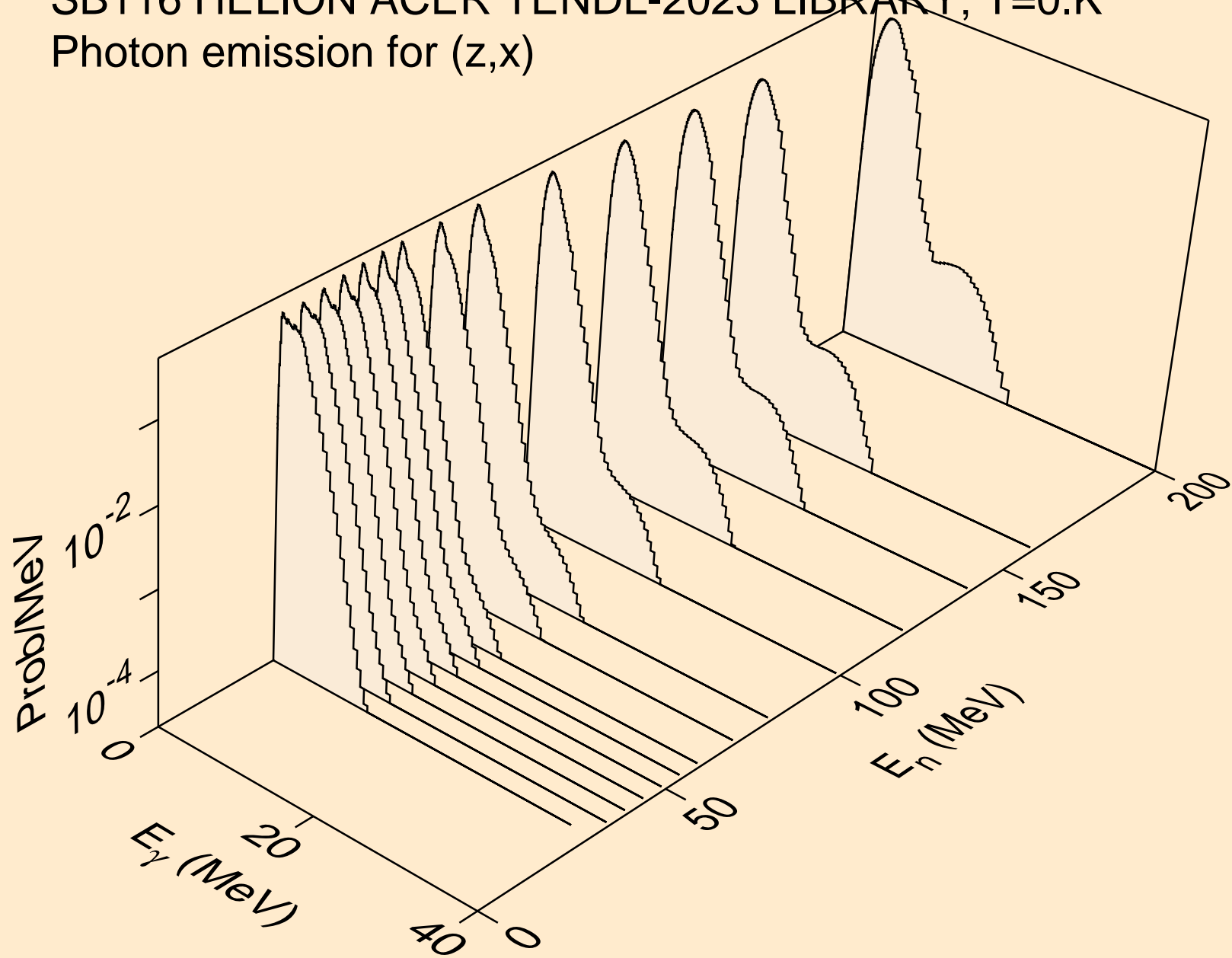
SB116 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for inelastic



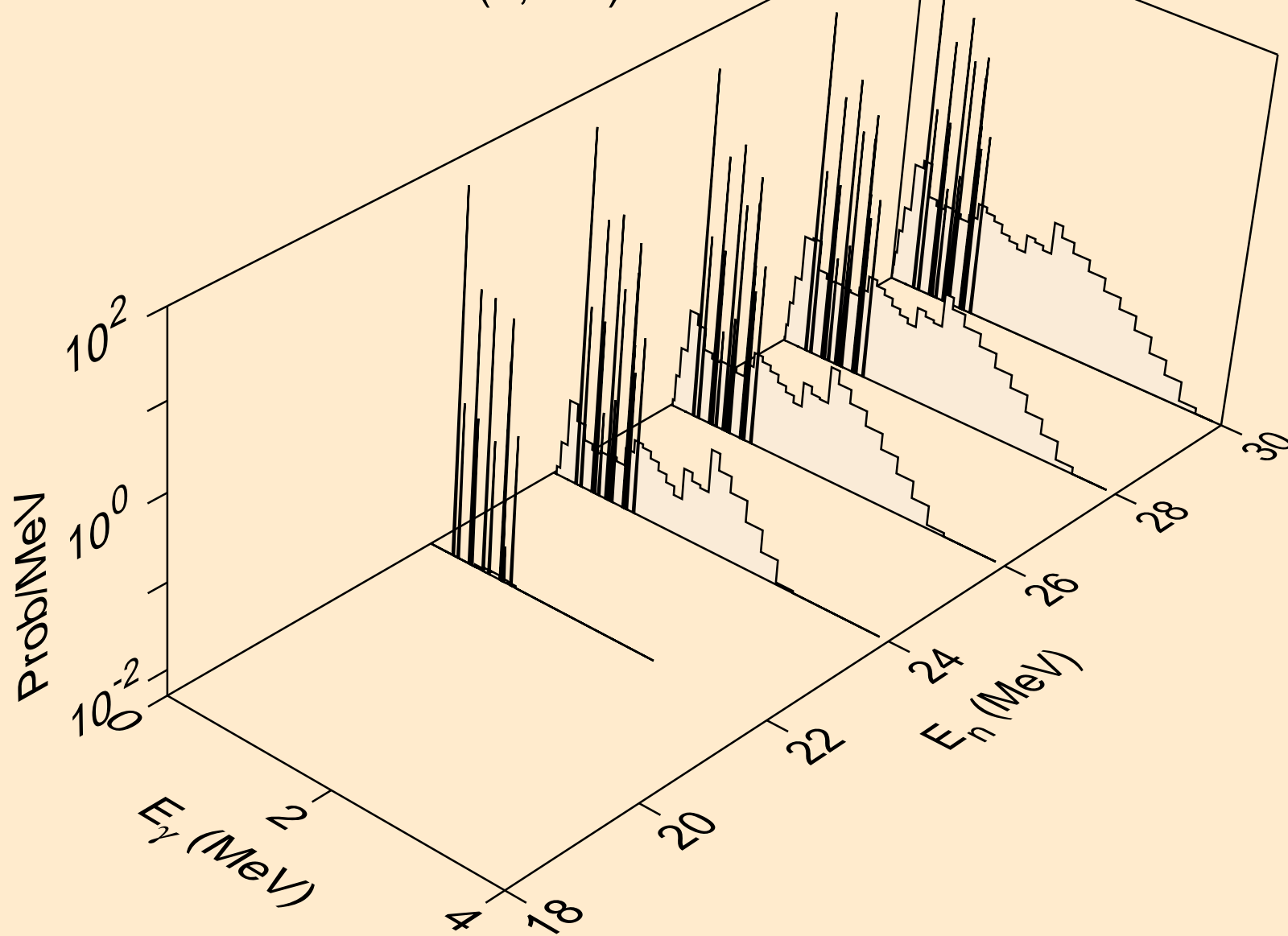
SB116 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



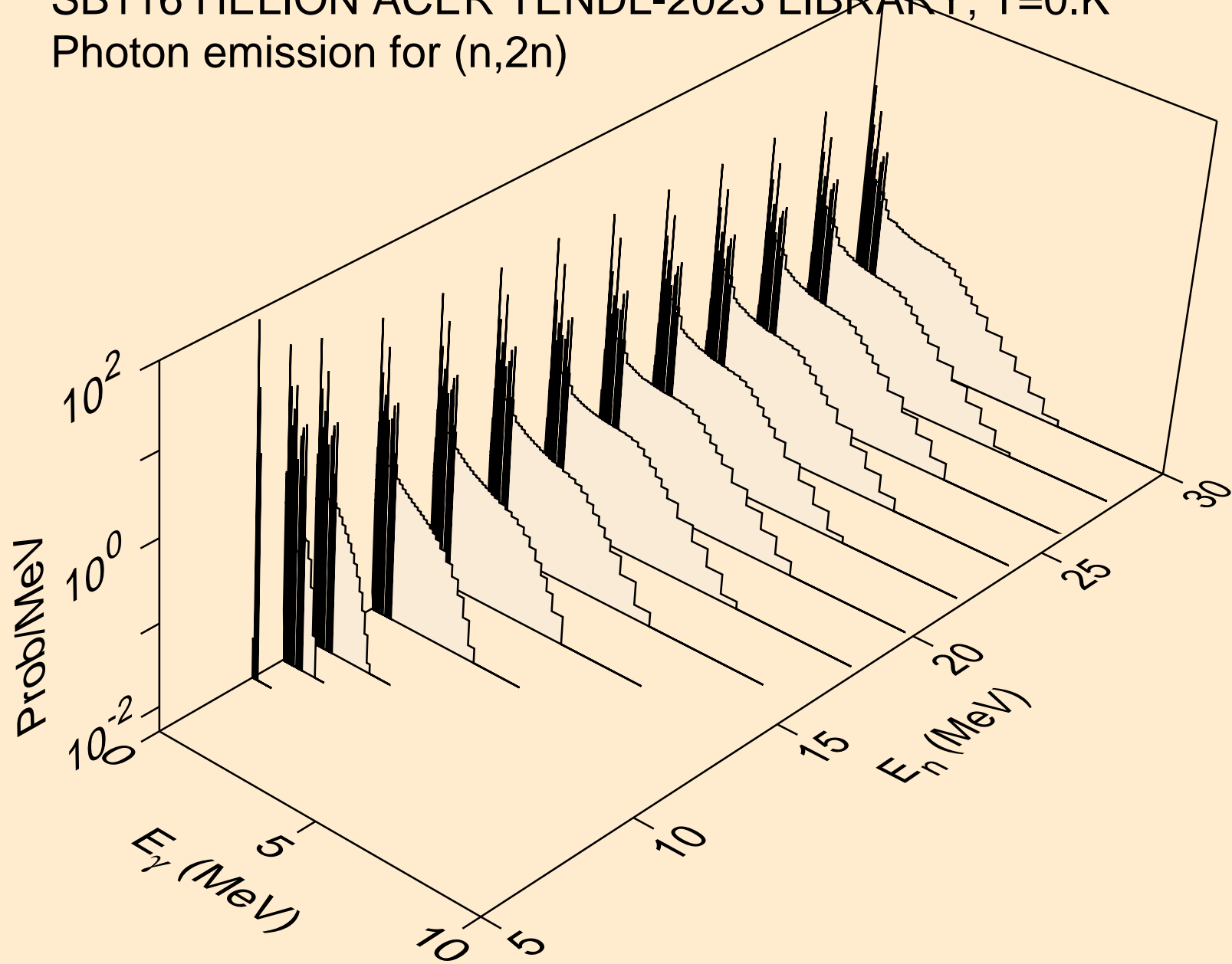
SB116 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



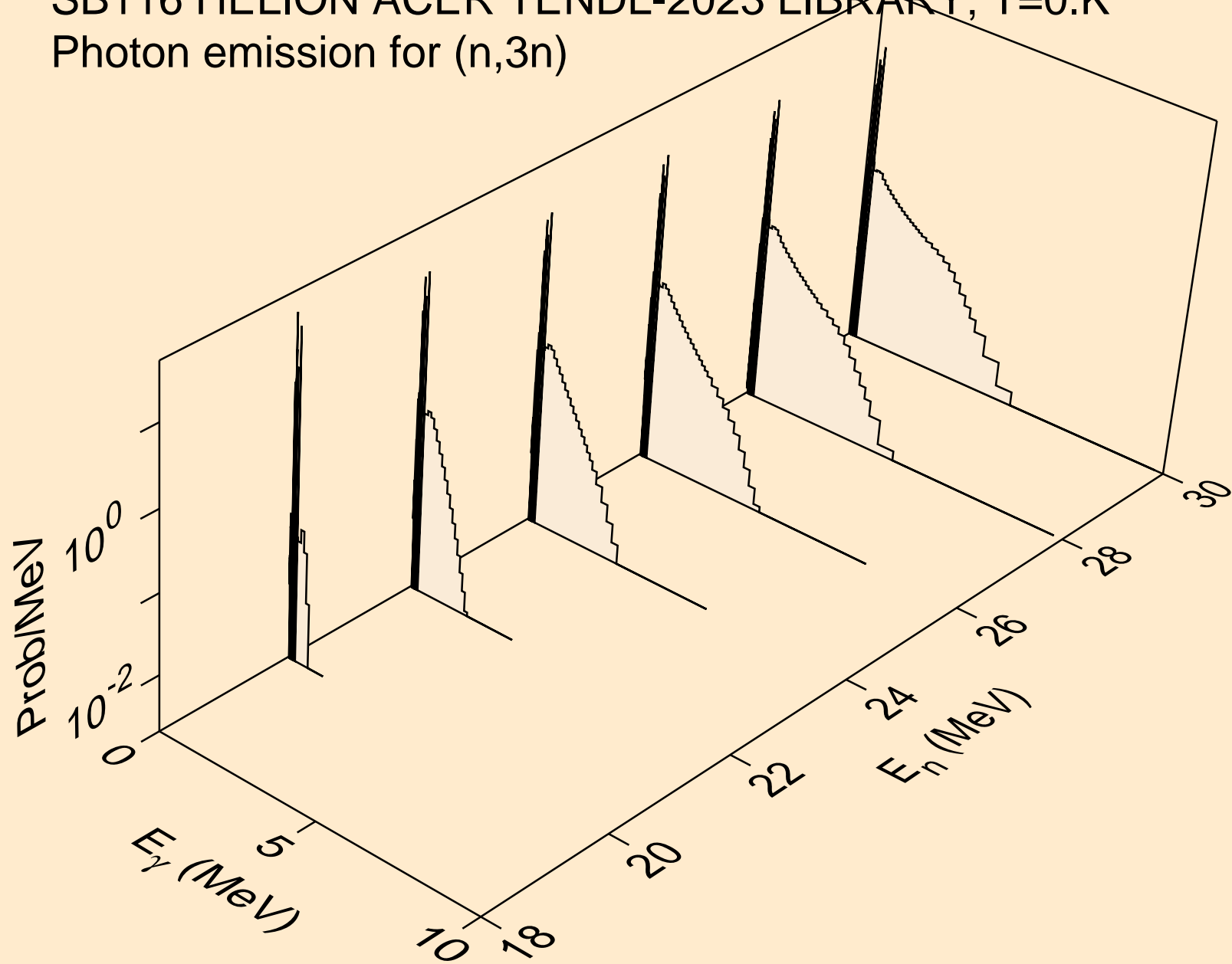
SB116 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



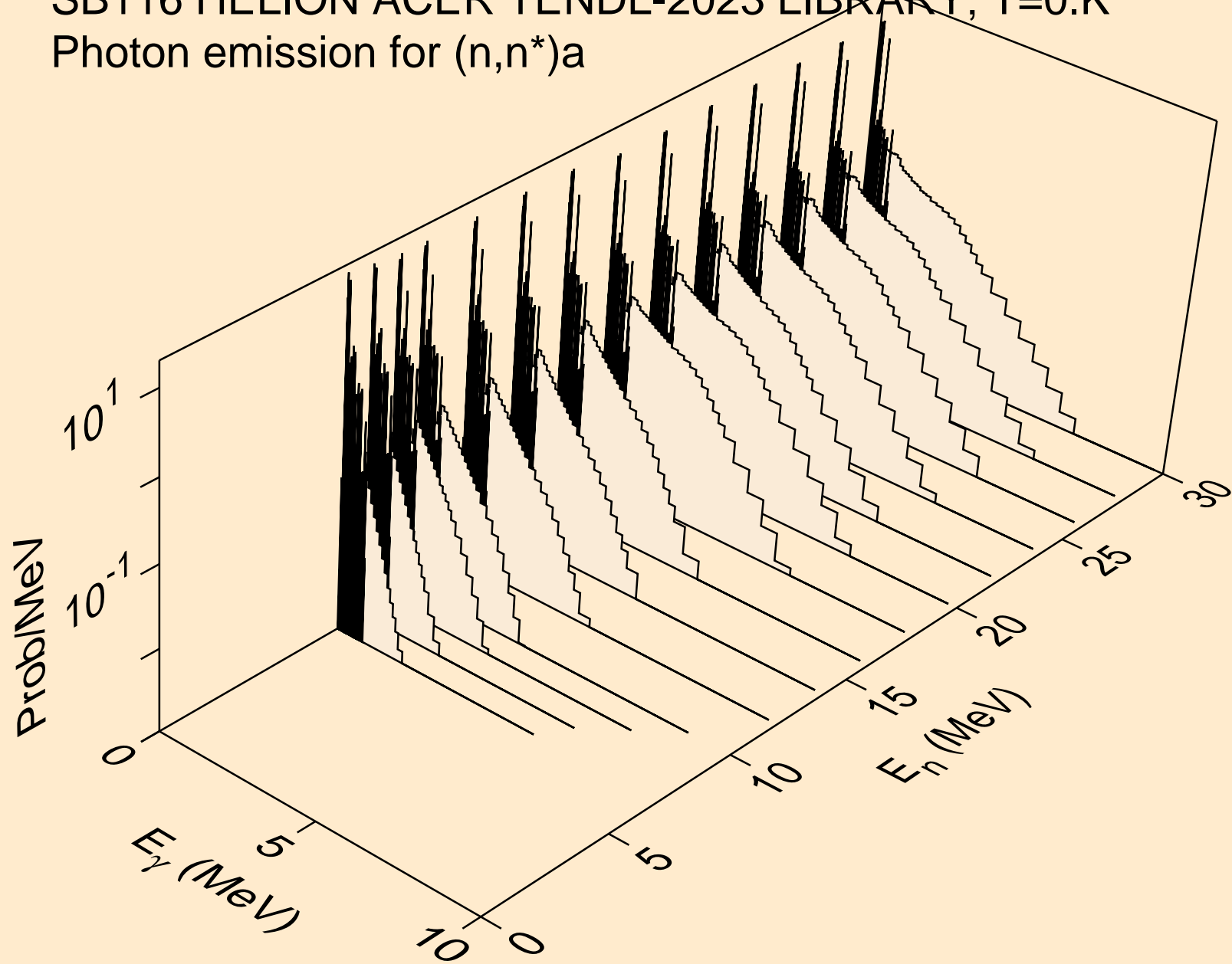
SB116 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



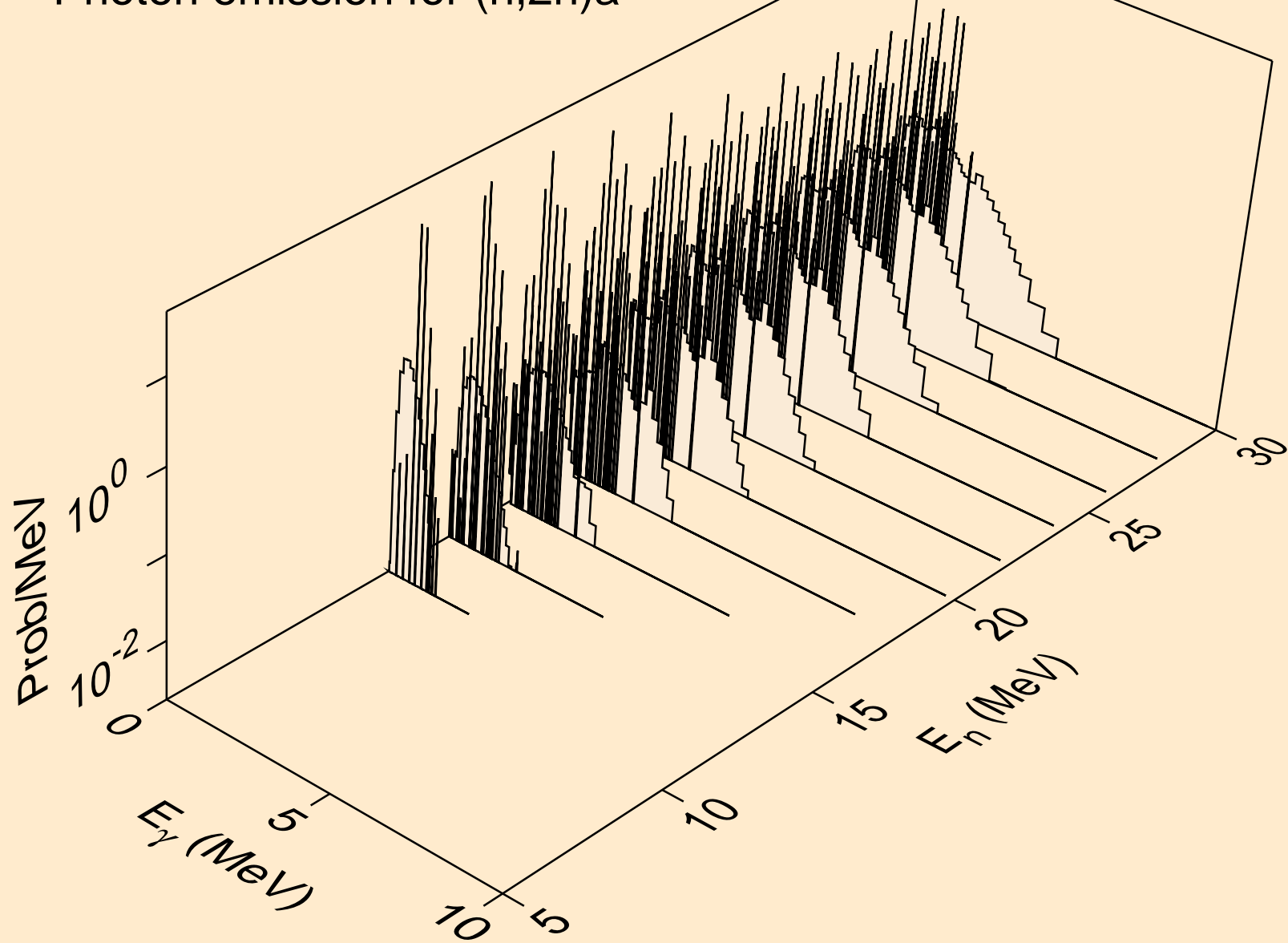
SB116 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



SB116 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

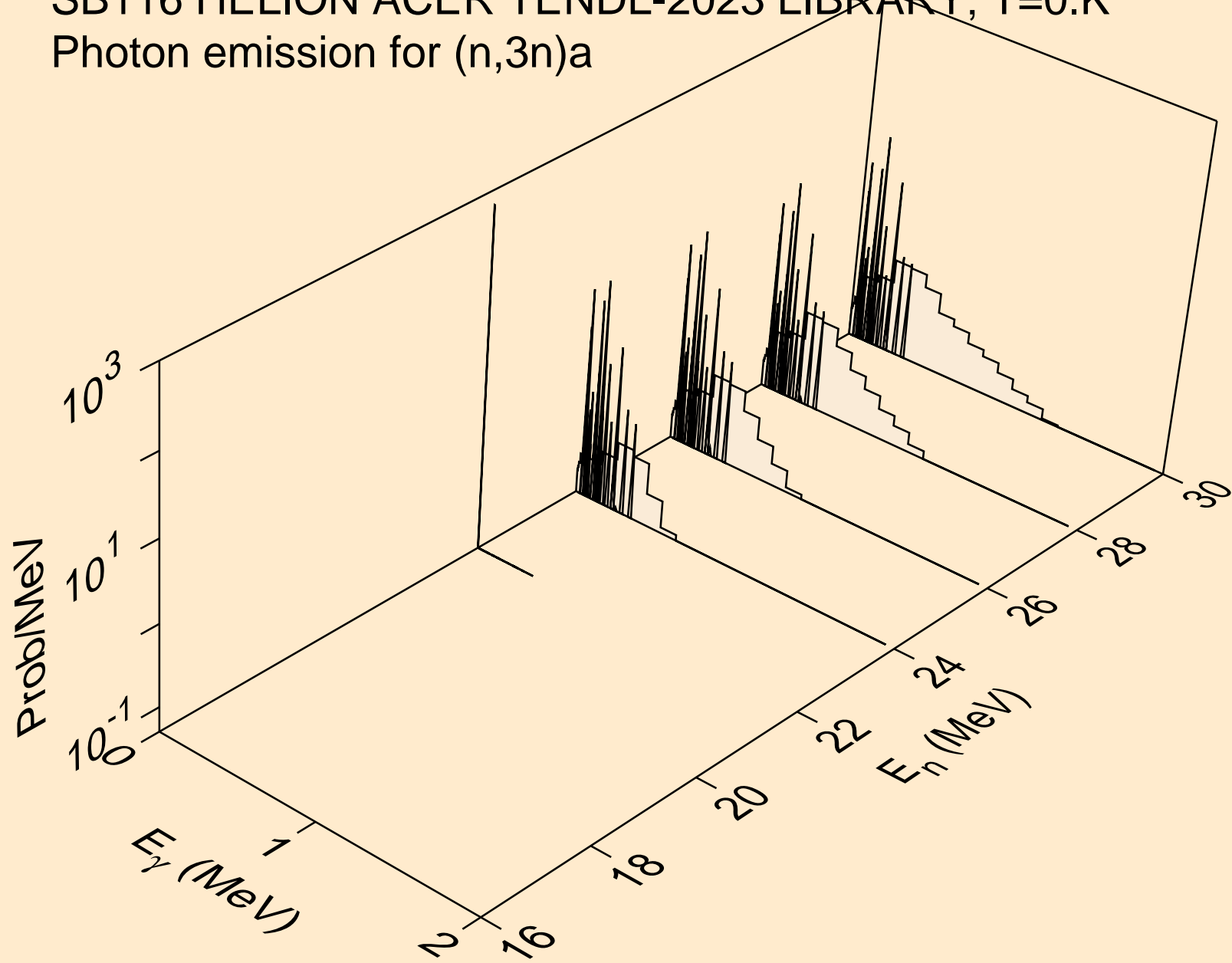


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Photon emission for (n,2n)a

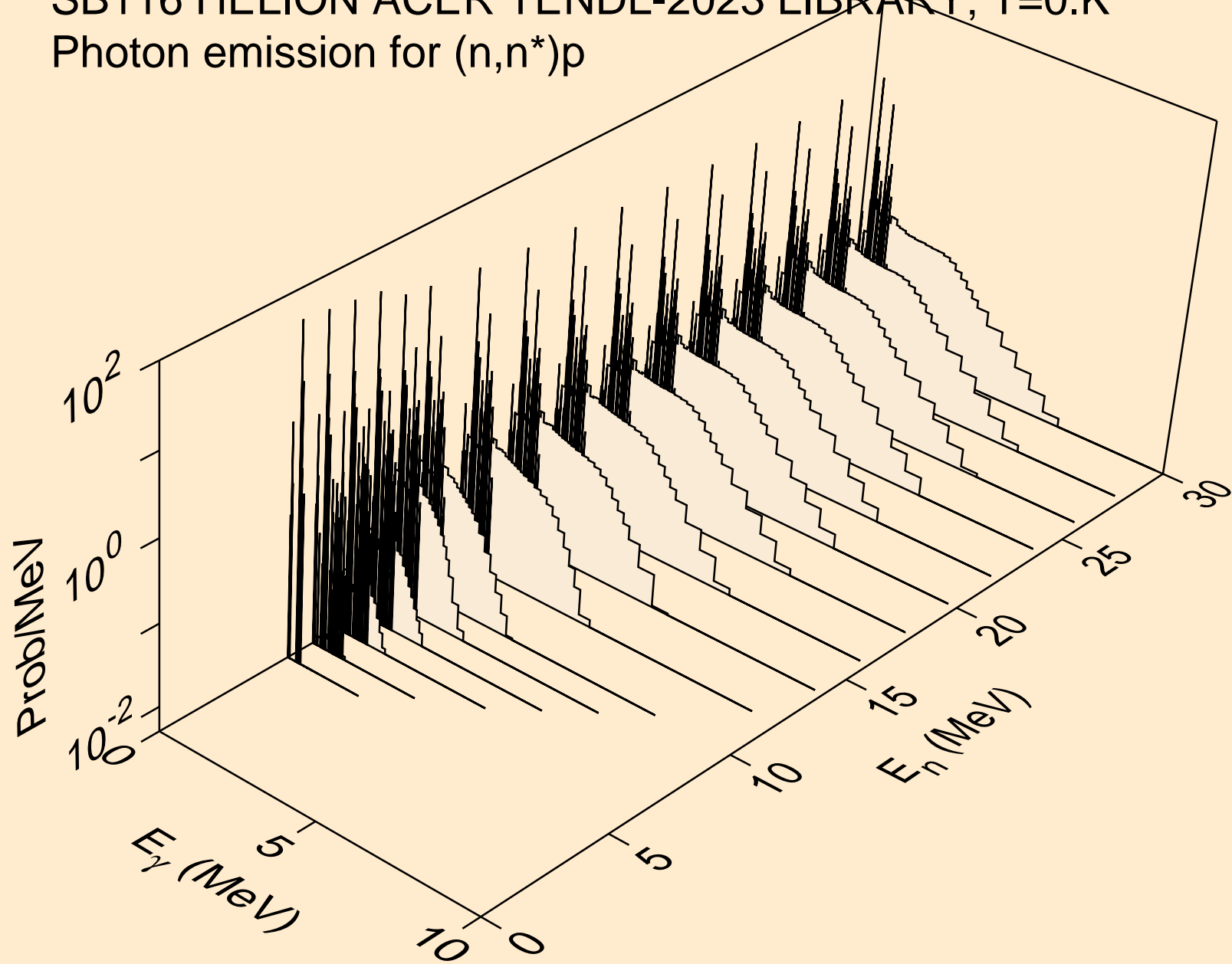




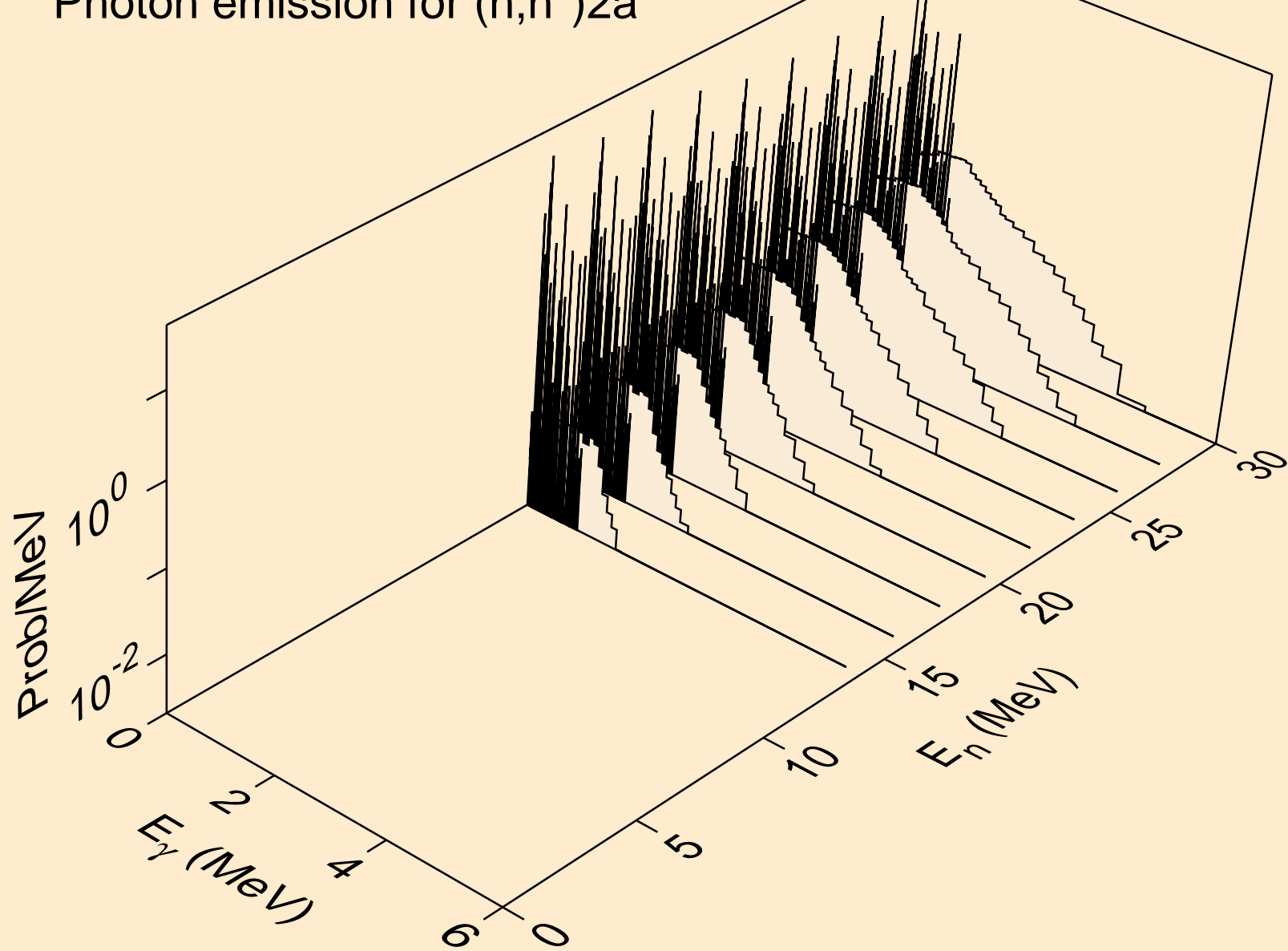
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Photon emission for (n,3n)a



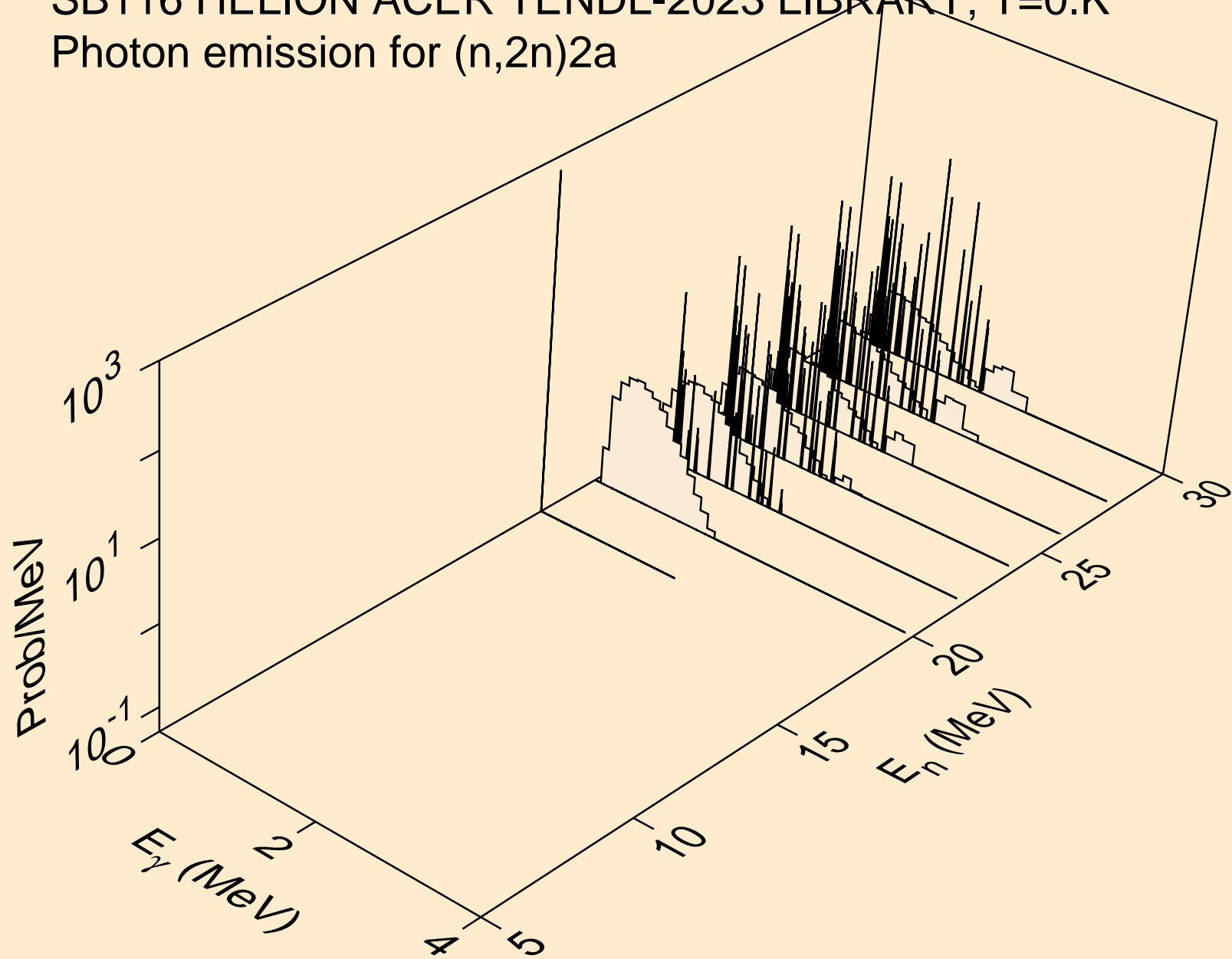
SB116 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



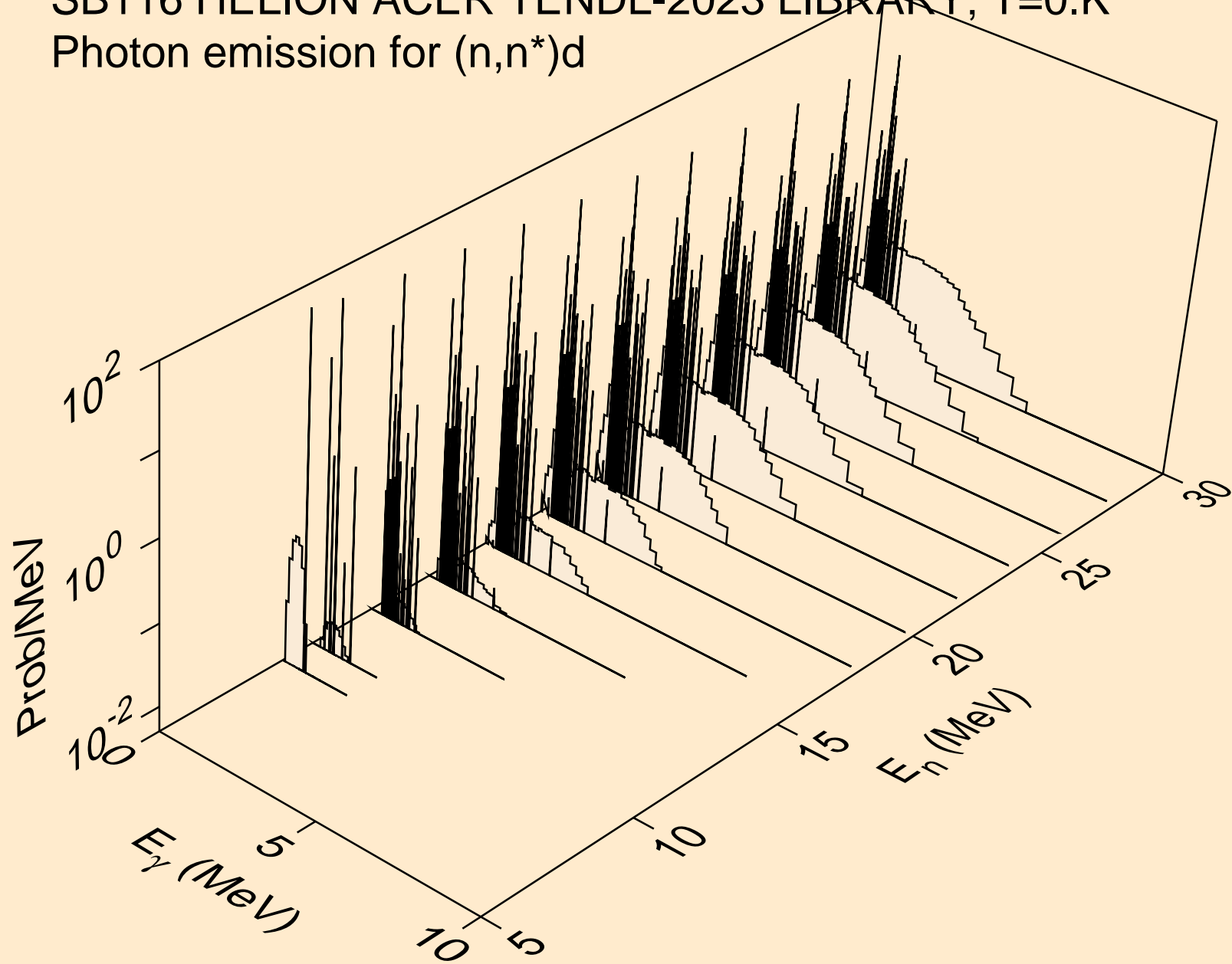
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Photon emission for (n,n\*)2a



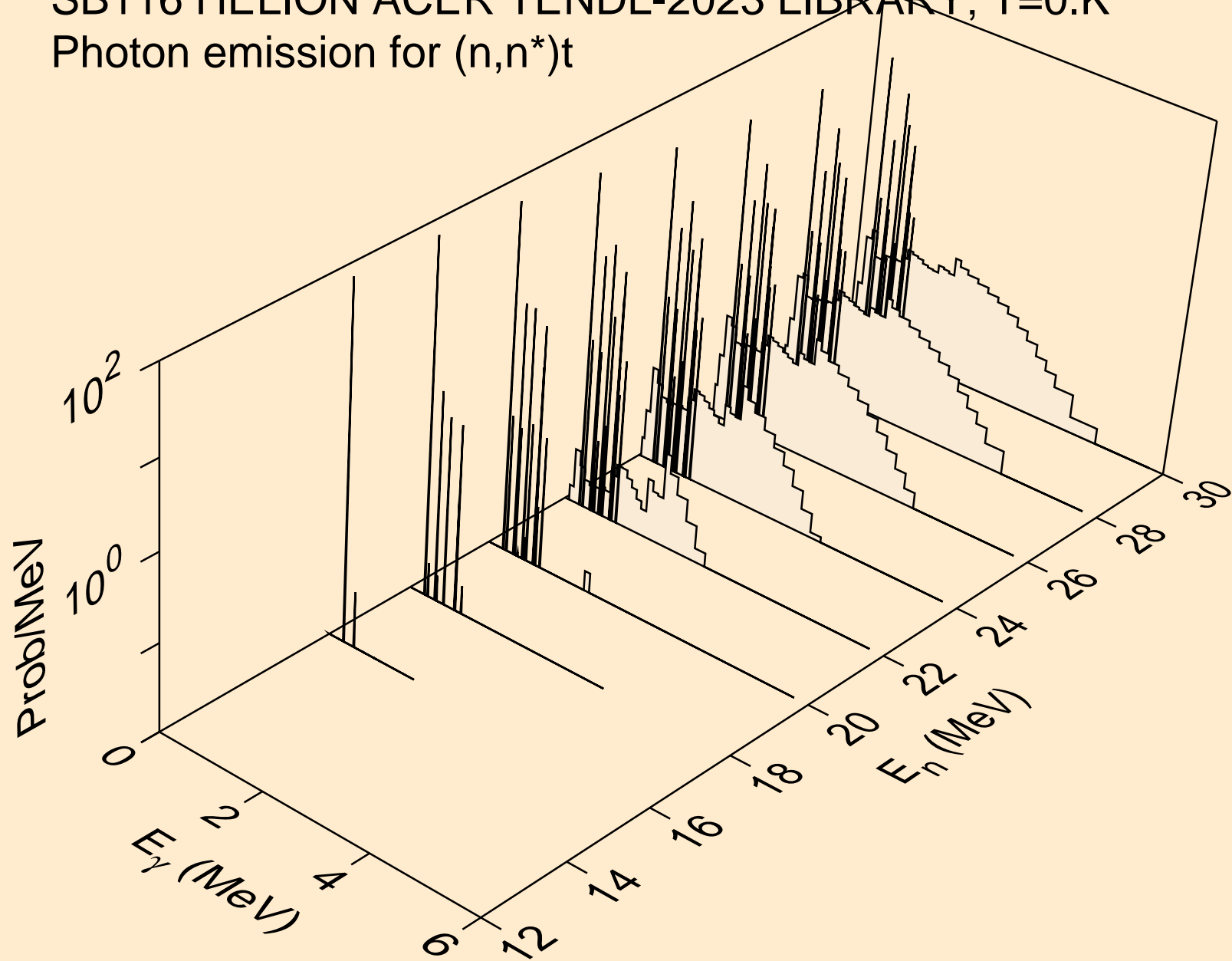
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Photon emission for (n,2n)2a



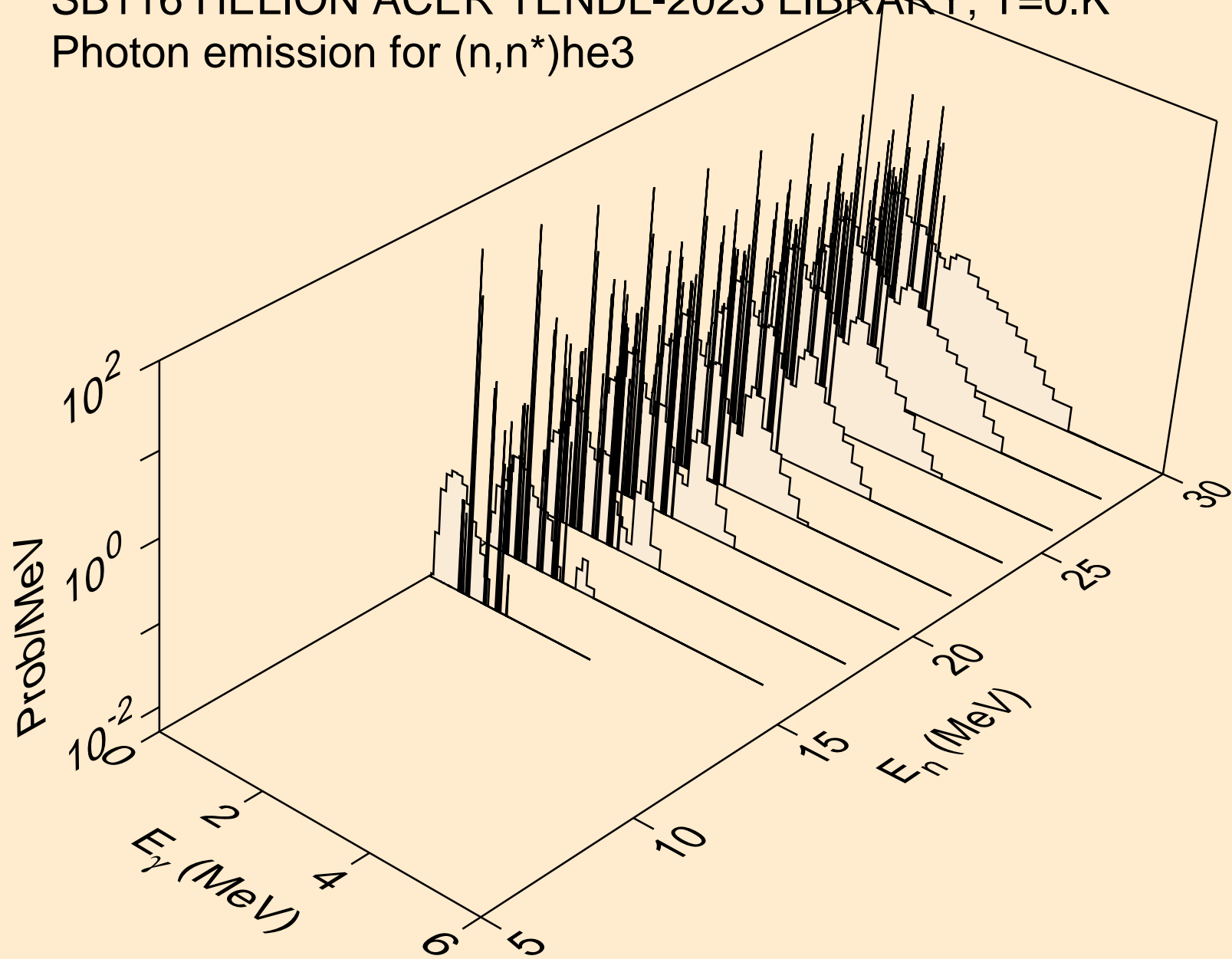
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Photon emission for (n,n\*)d



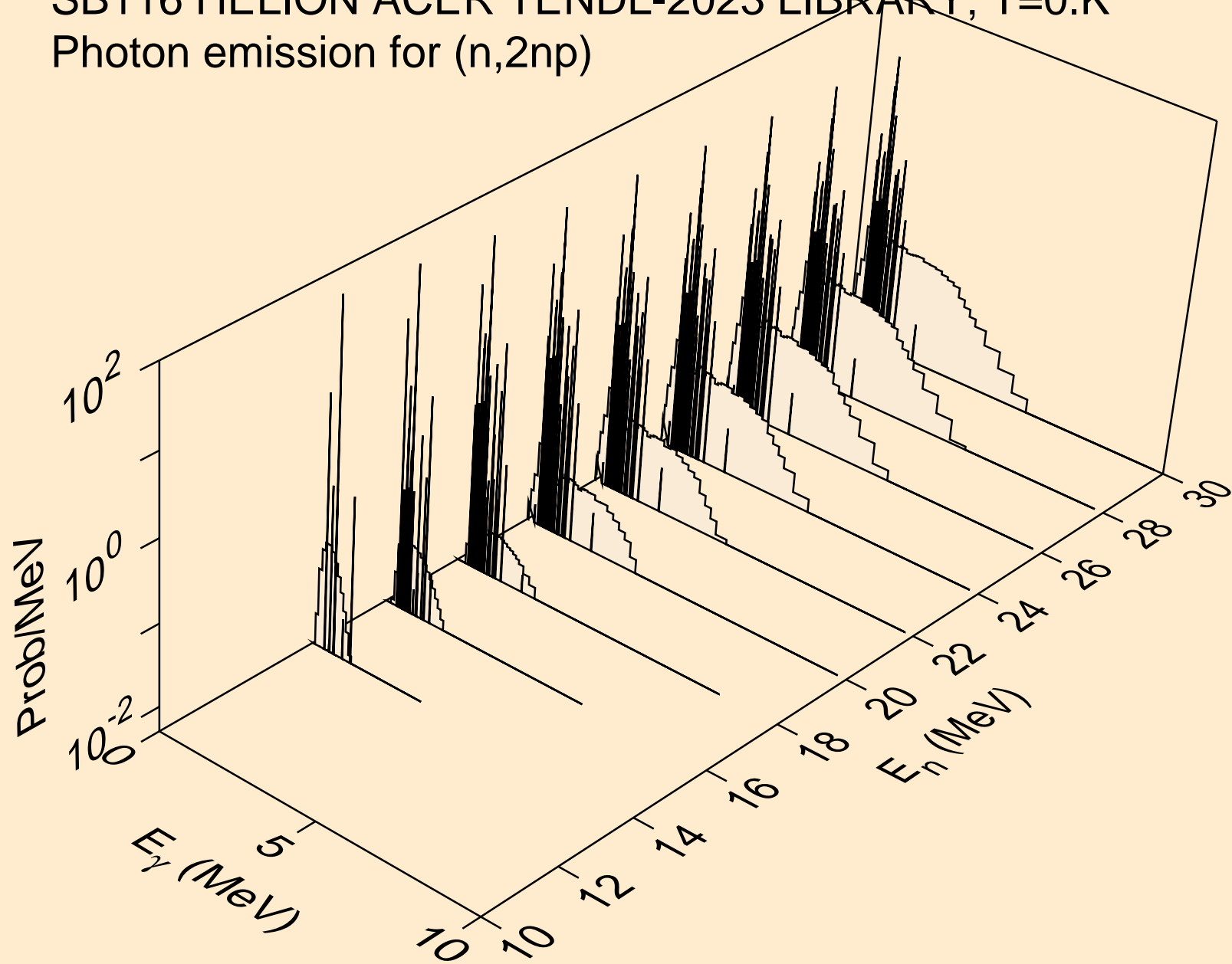
SB116 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



SB116 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

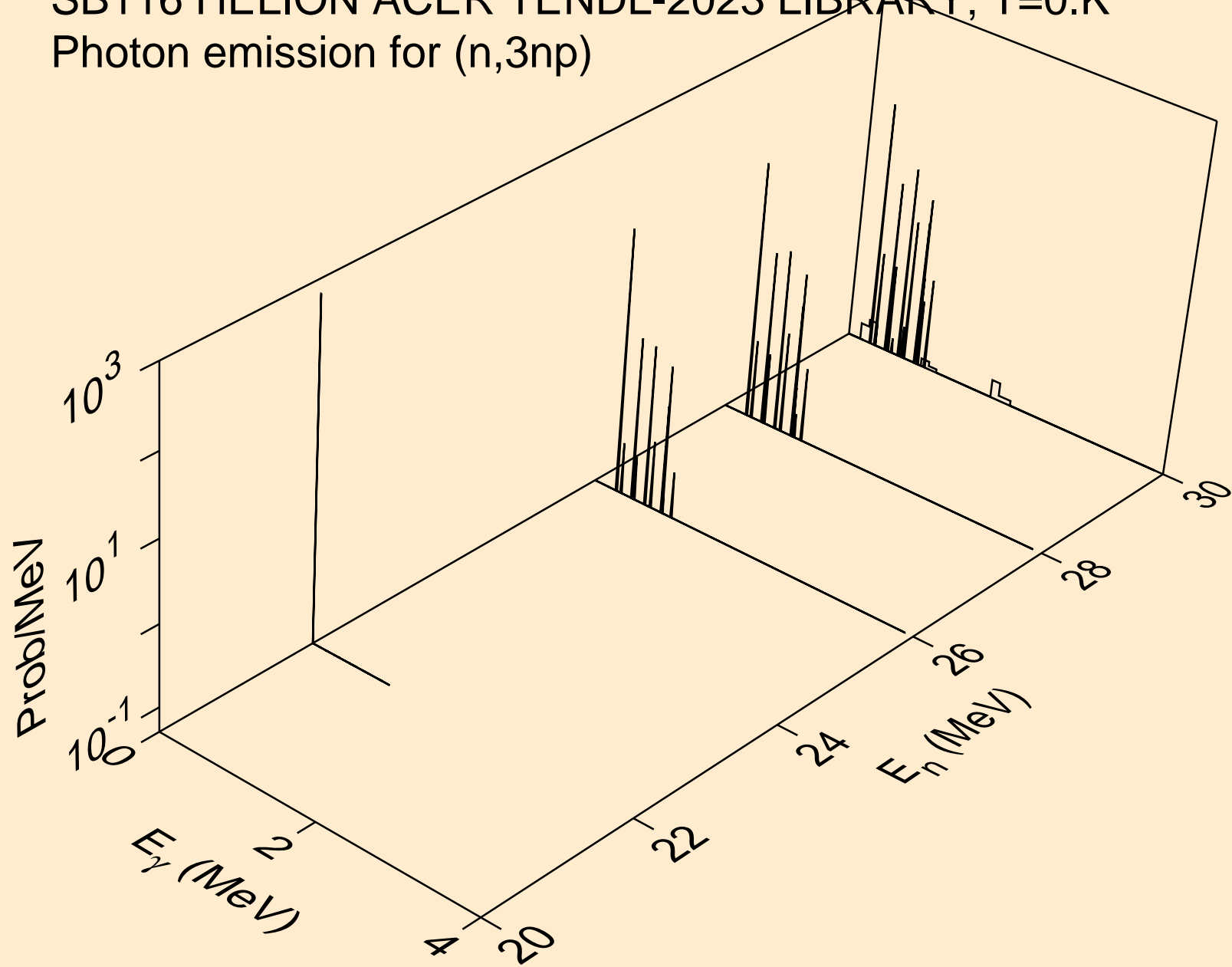


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Photon emission for (n,2np)

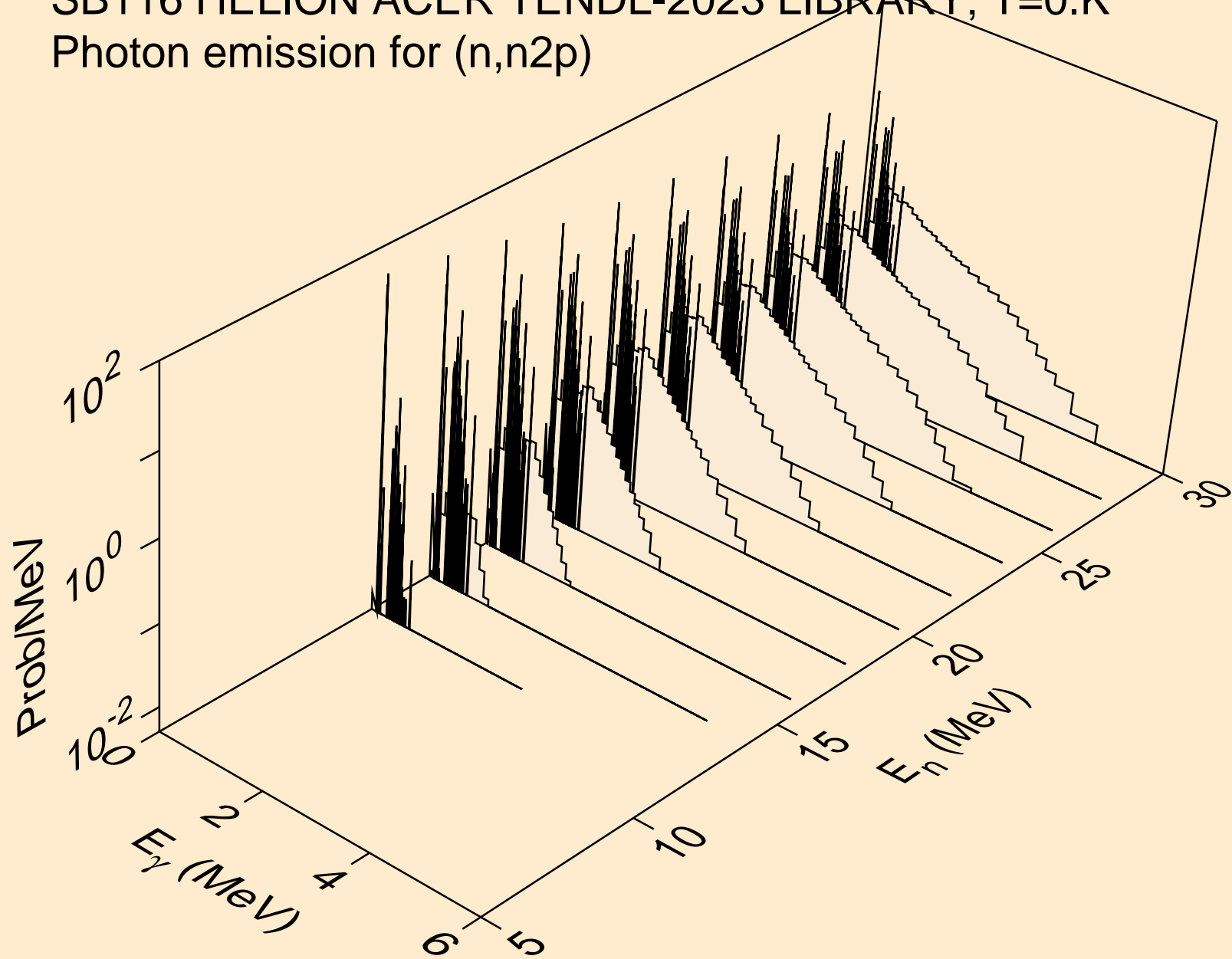




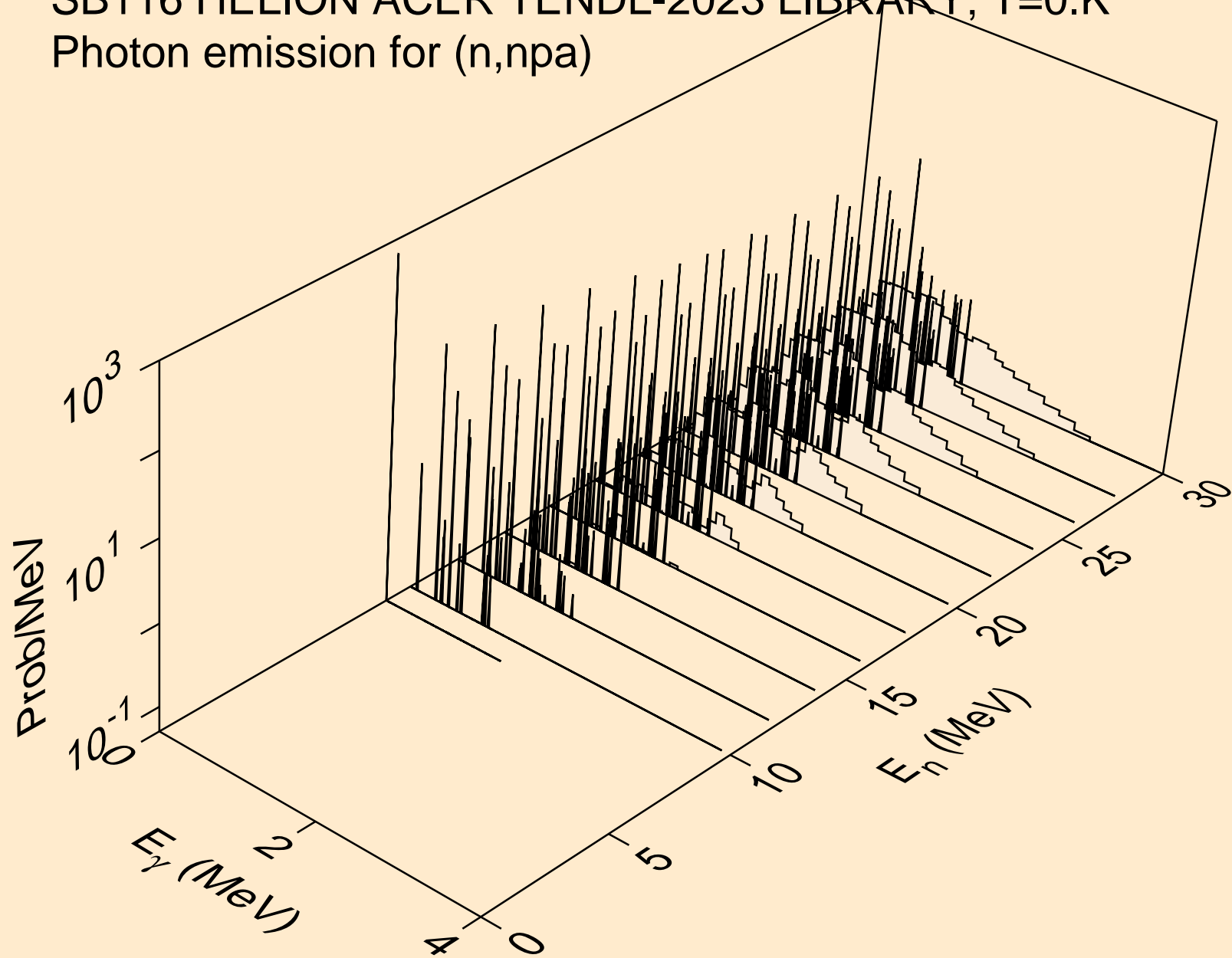
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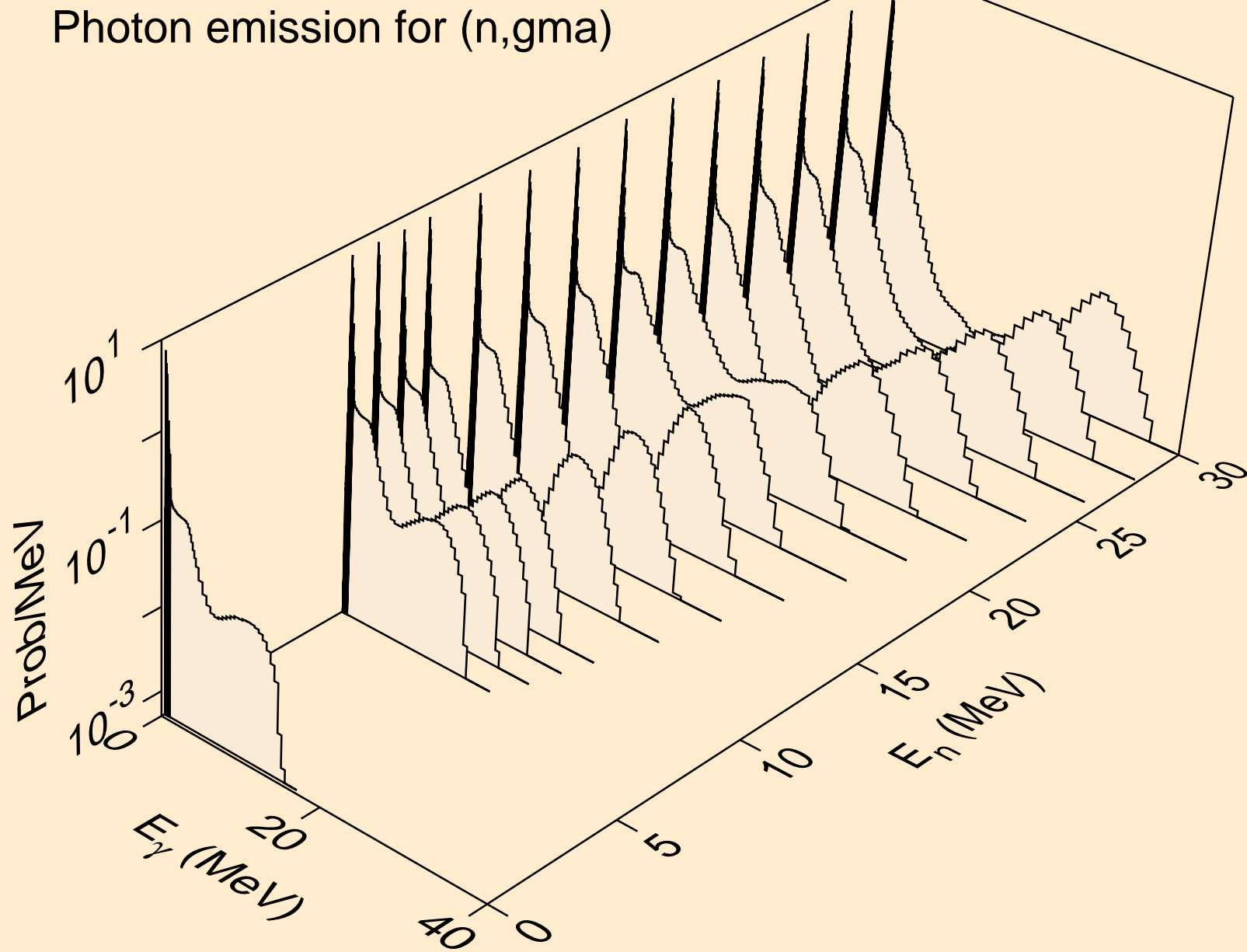
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Photon emission for (n,n2p)



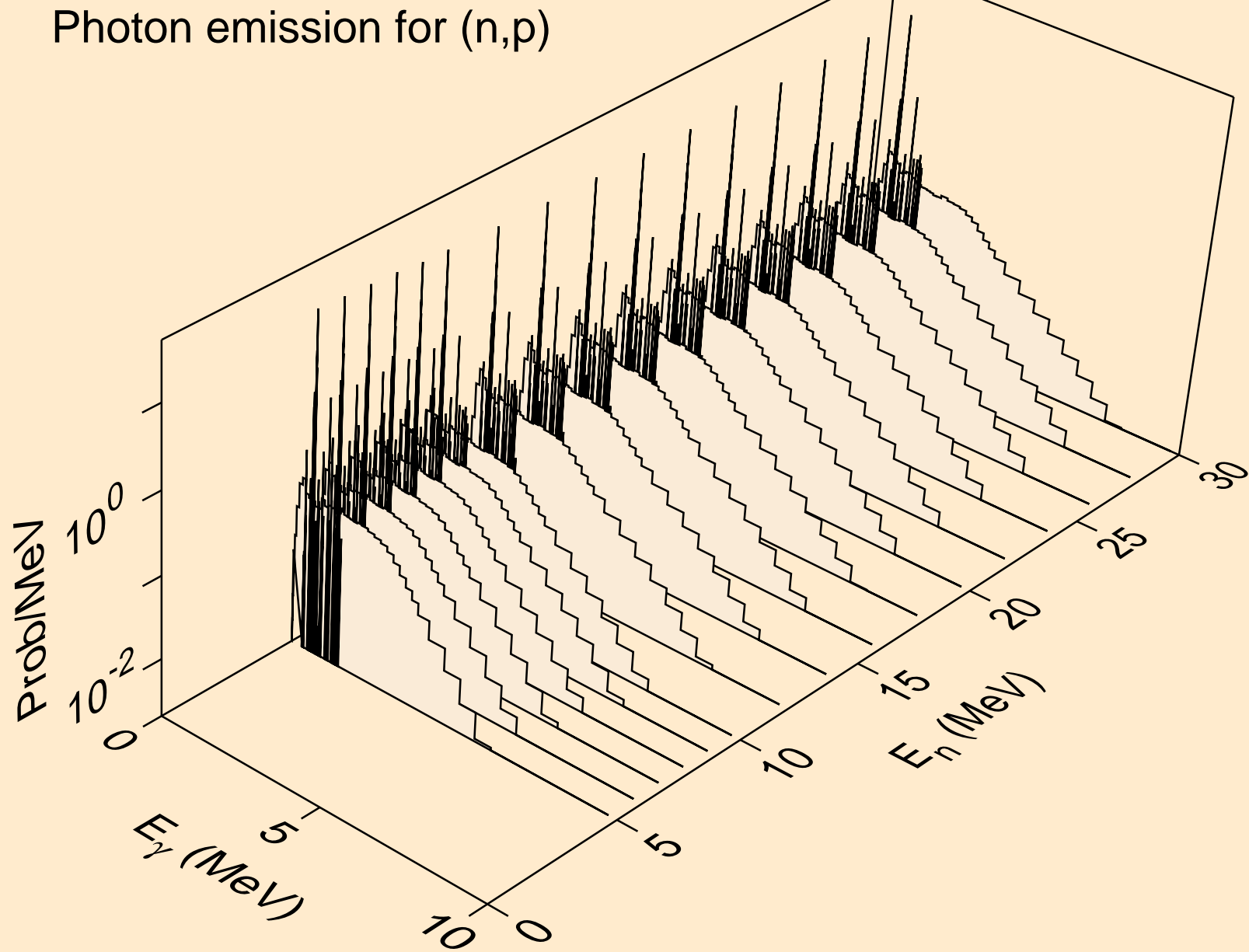
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Photon emission for (n,npa)



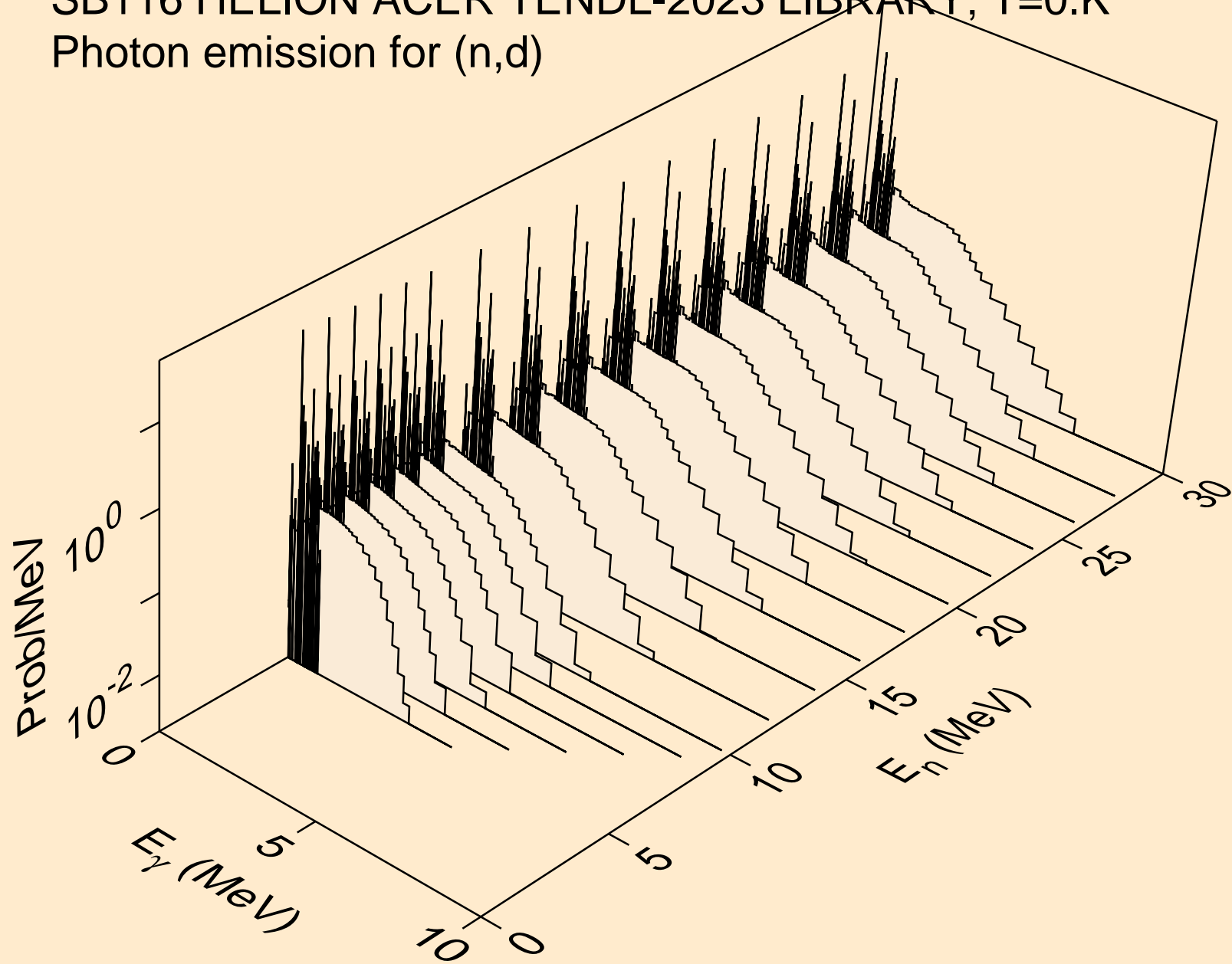
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Photon emission for (n,gma)



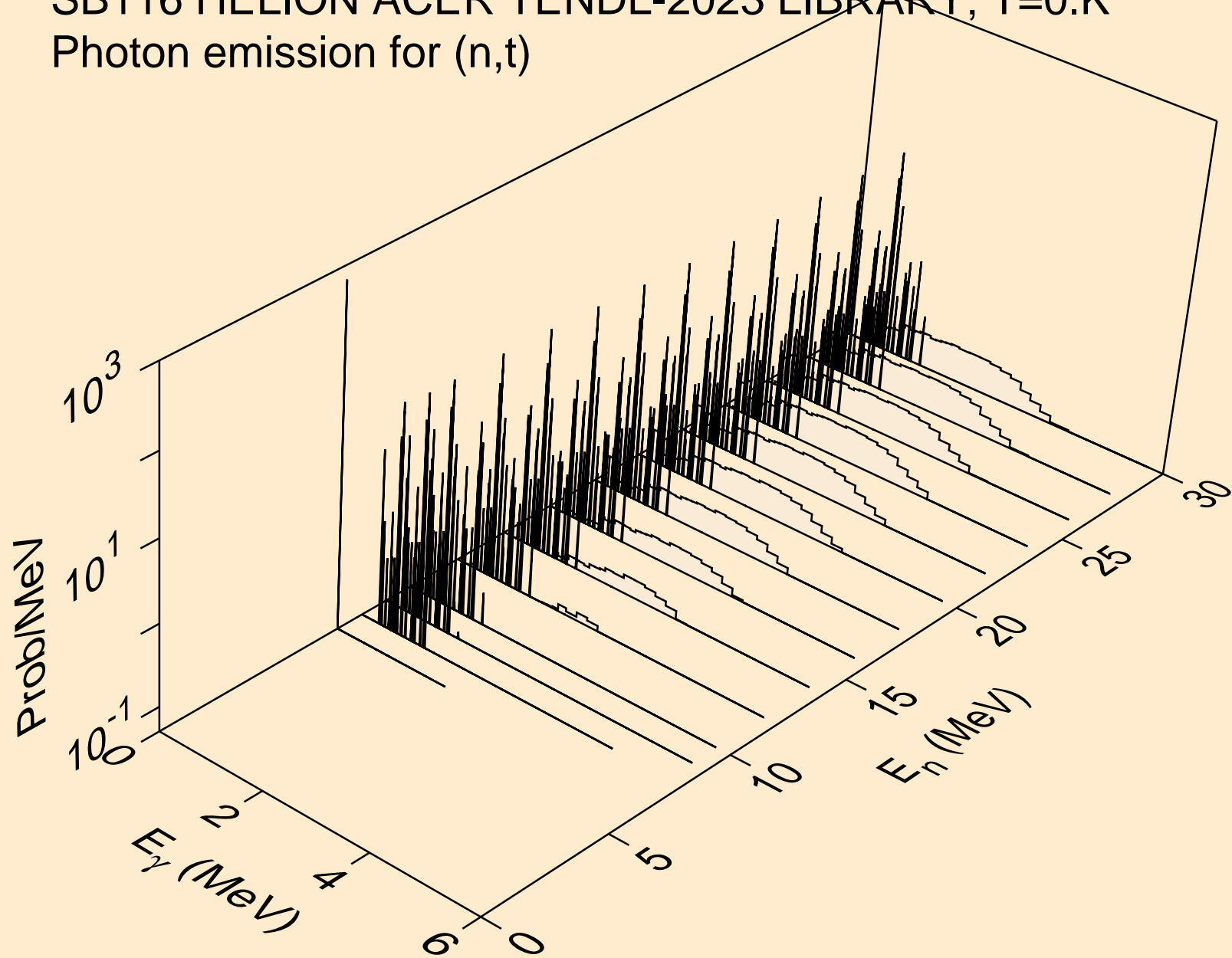
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Photon emission for (n,p)



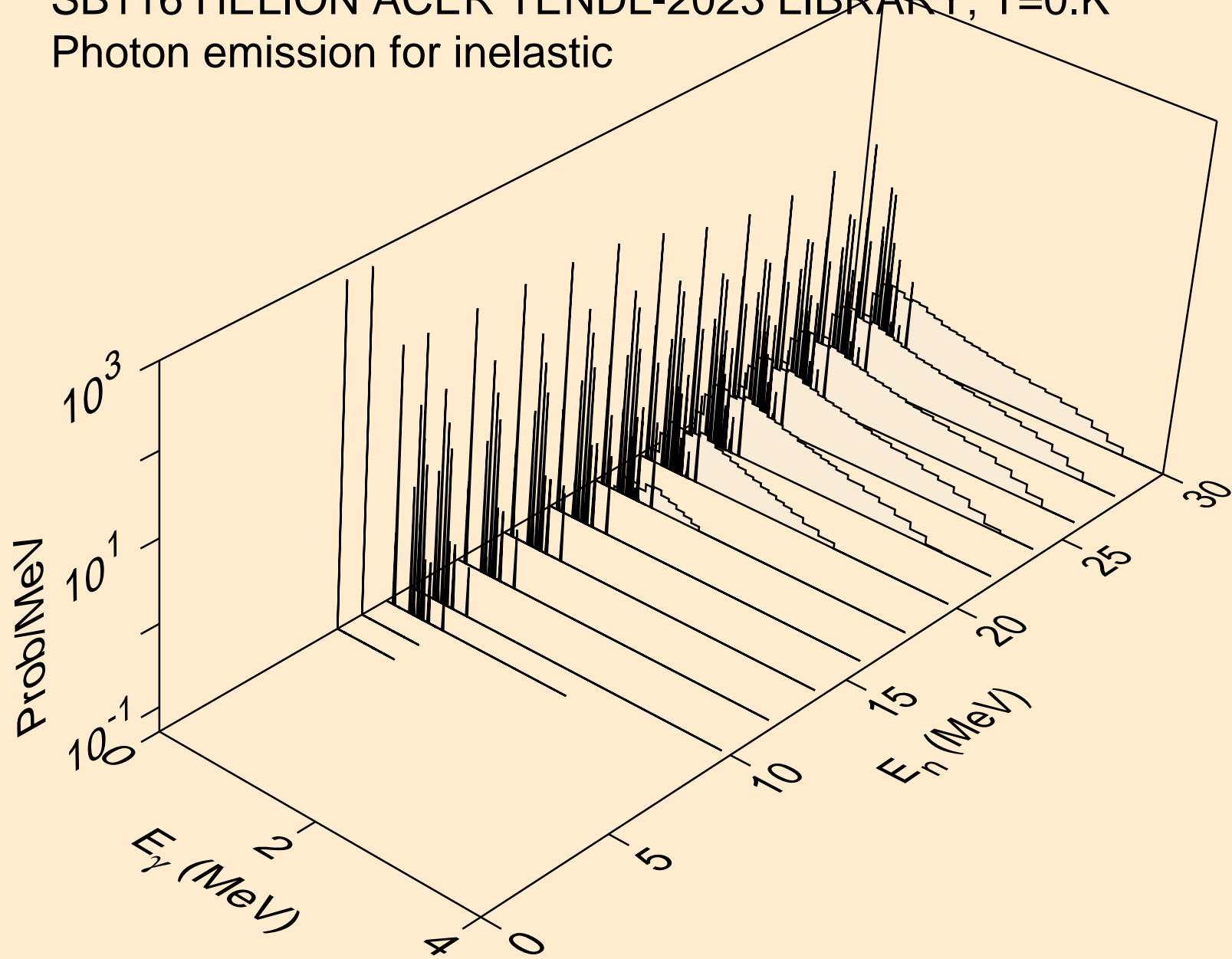
SB116 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



SB116 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)

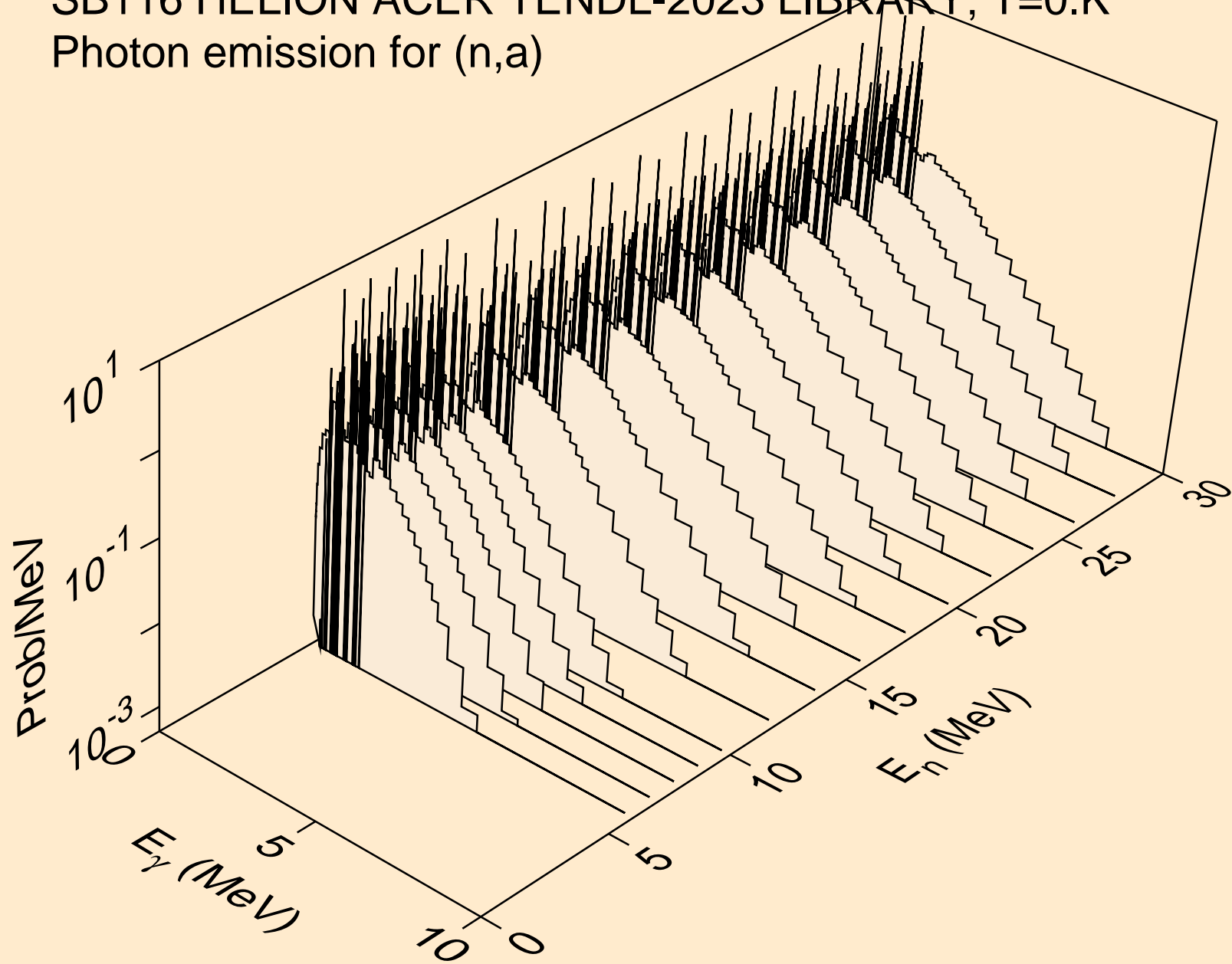


SB116 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

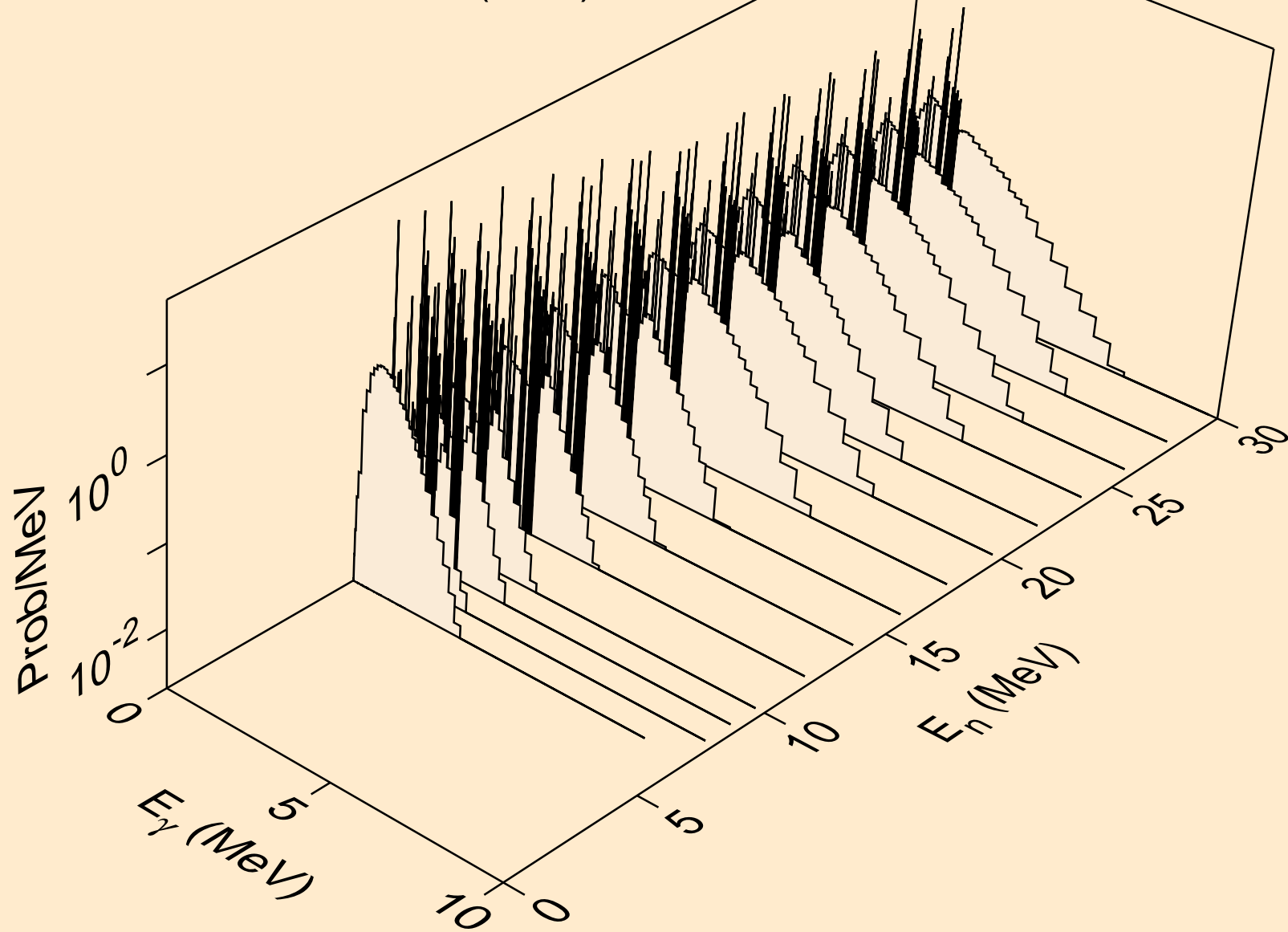




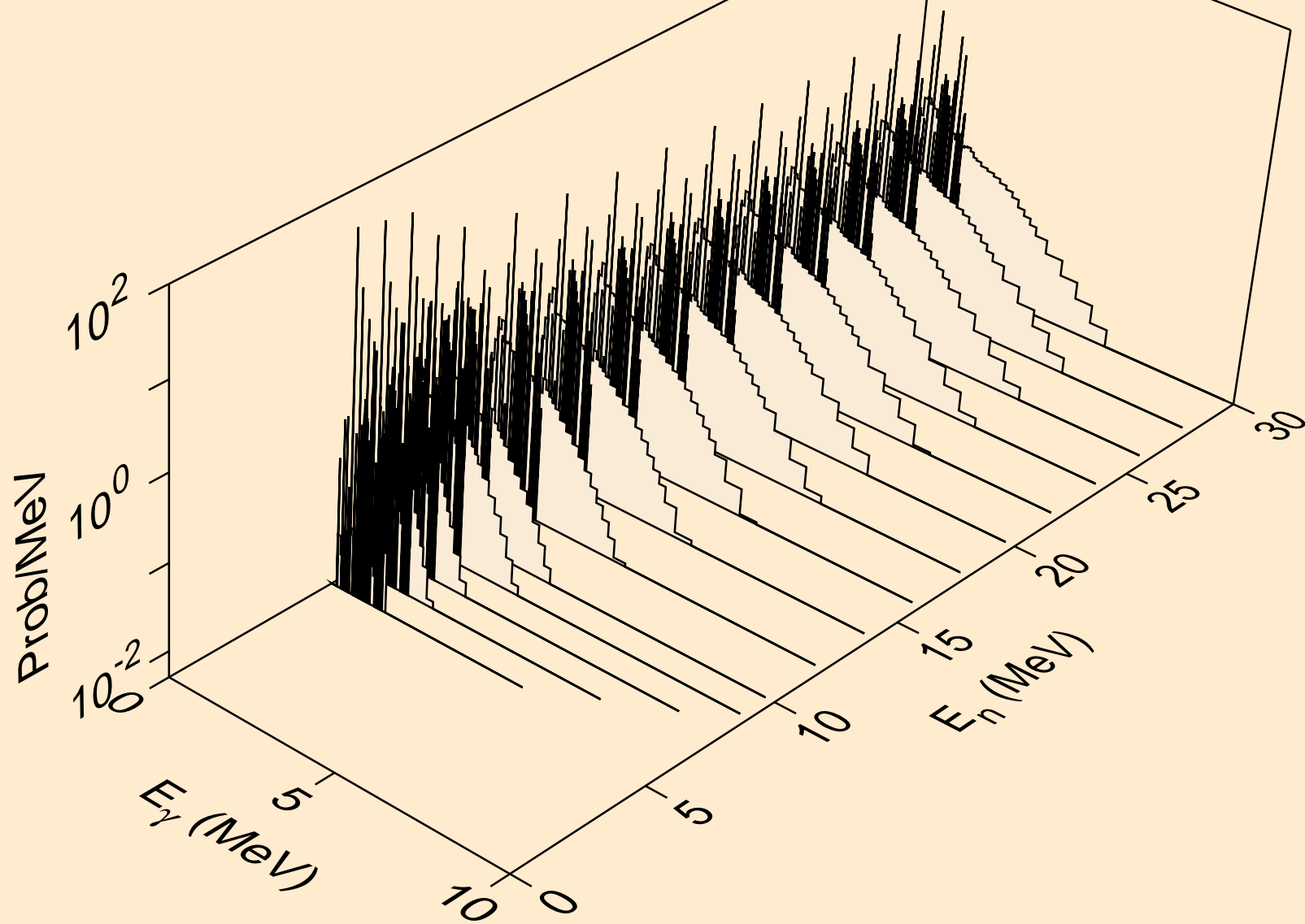
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Photon emission for (n,a)



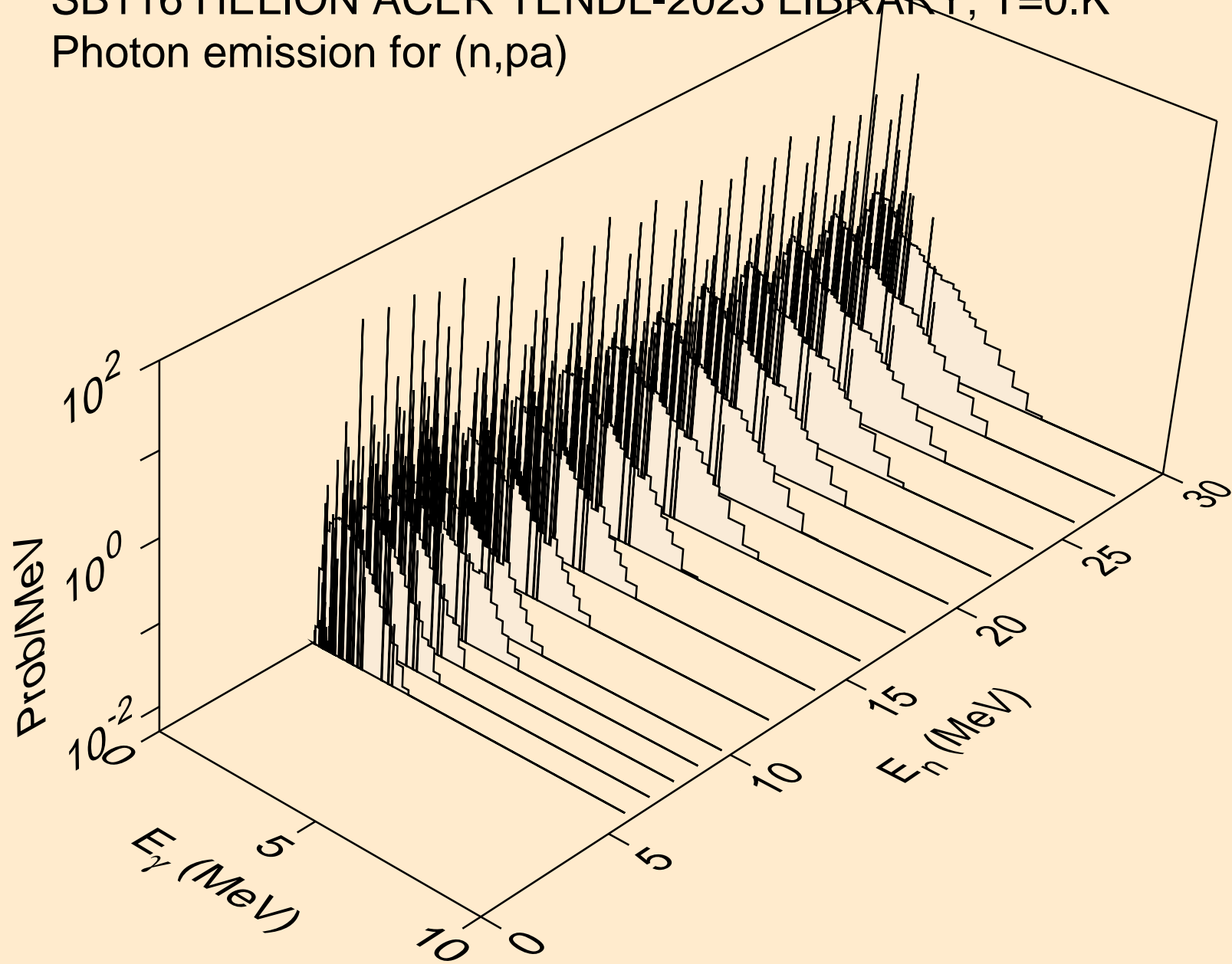
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Photon emission for (n,2a)



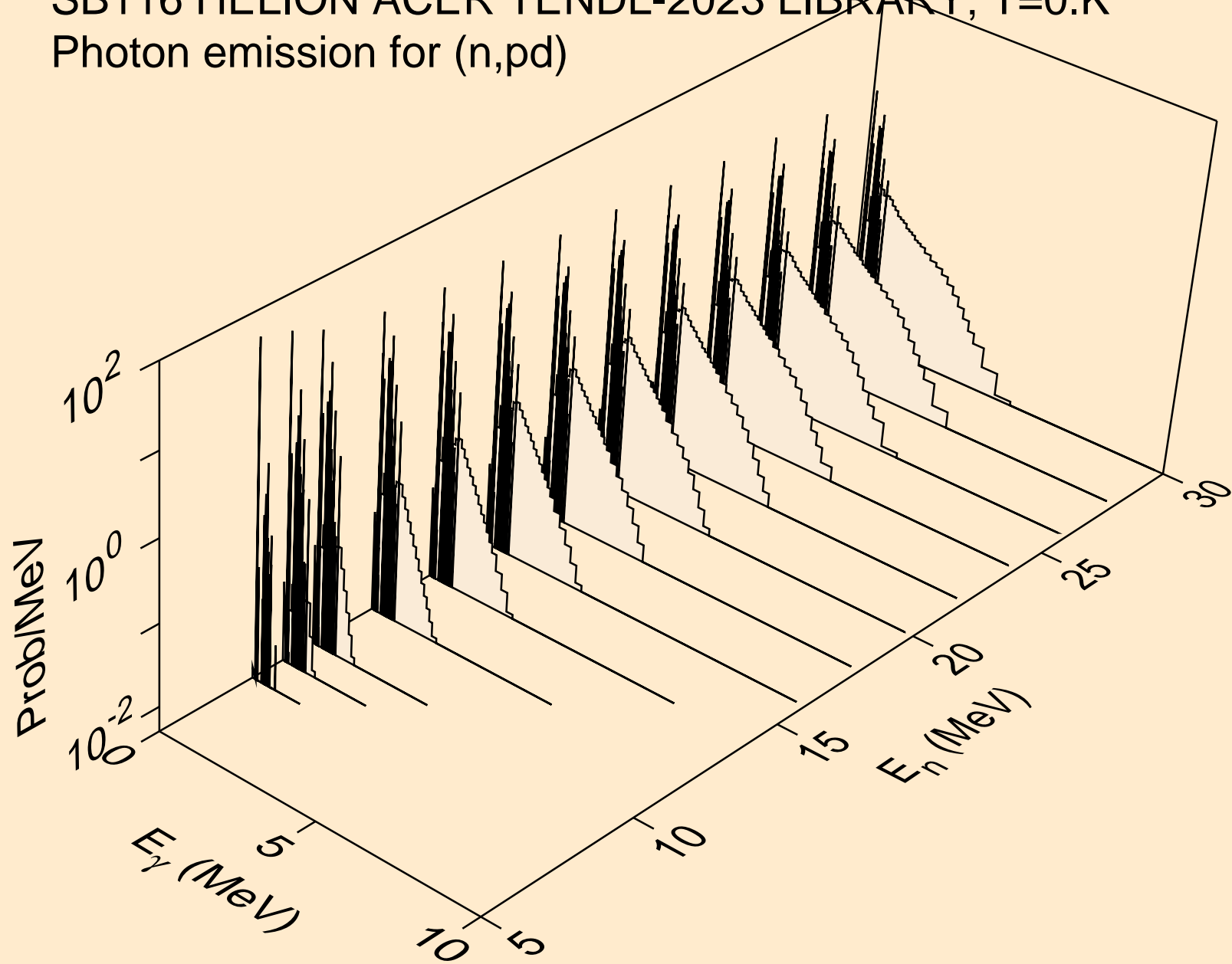
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Photon emission for (n,2p)



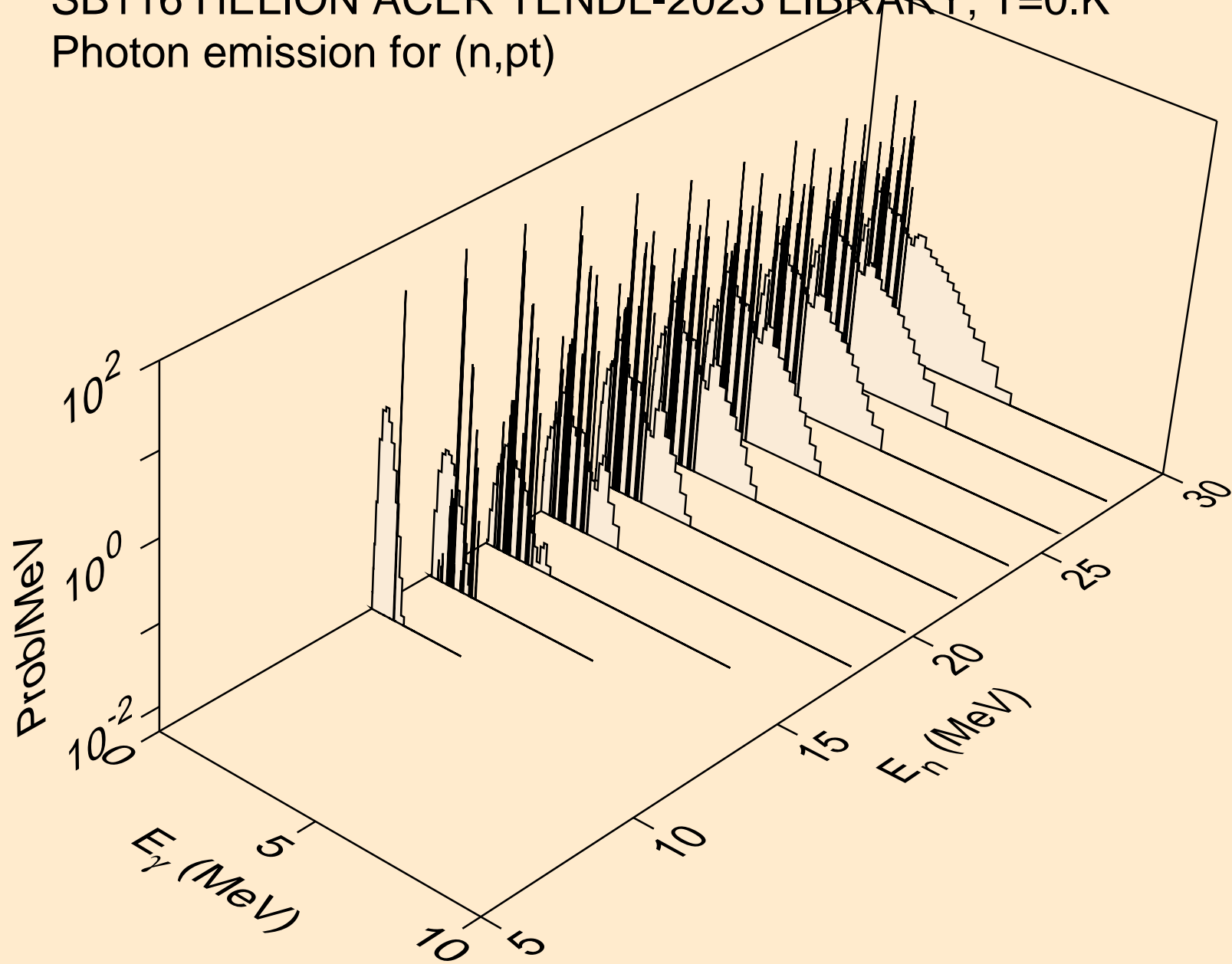
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Photon emission for (n,p $\alpha$ )



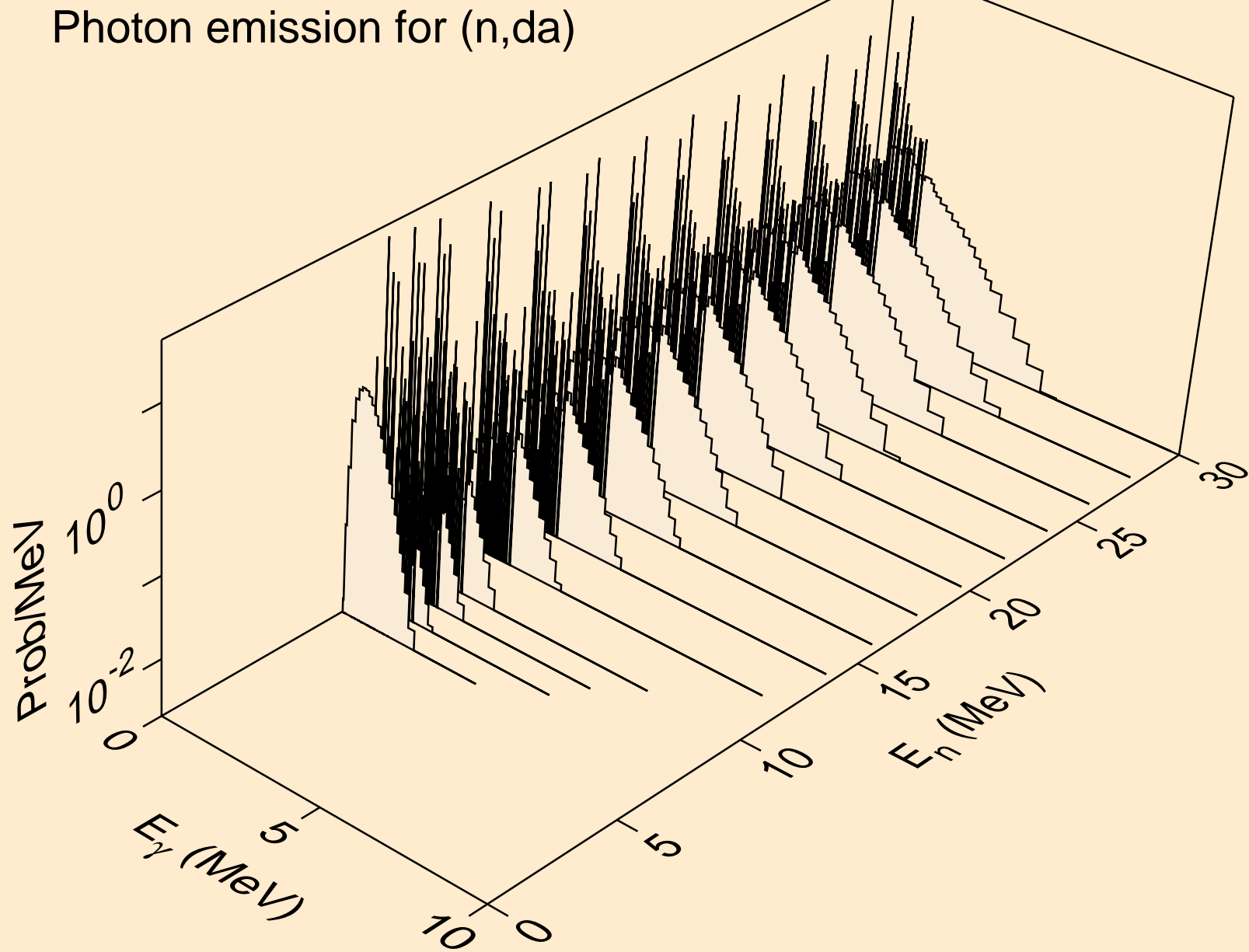
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Photon emission for (n,pd)



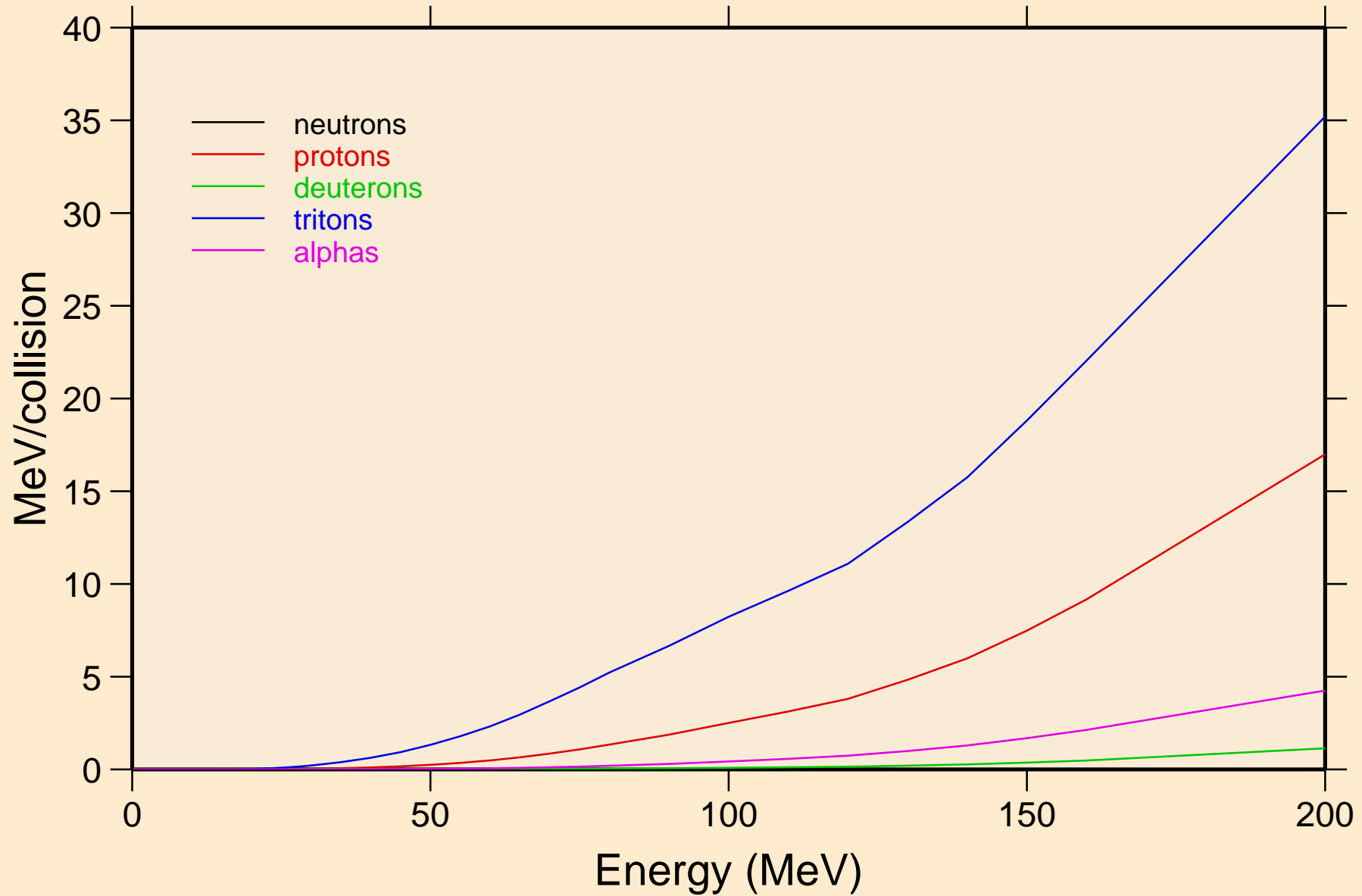
SB116 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



SB116 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)

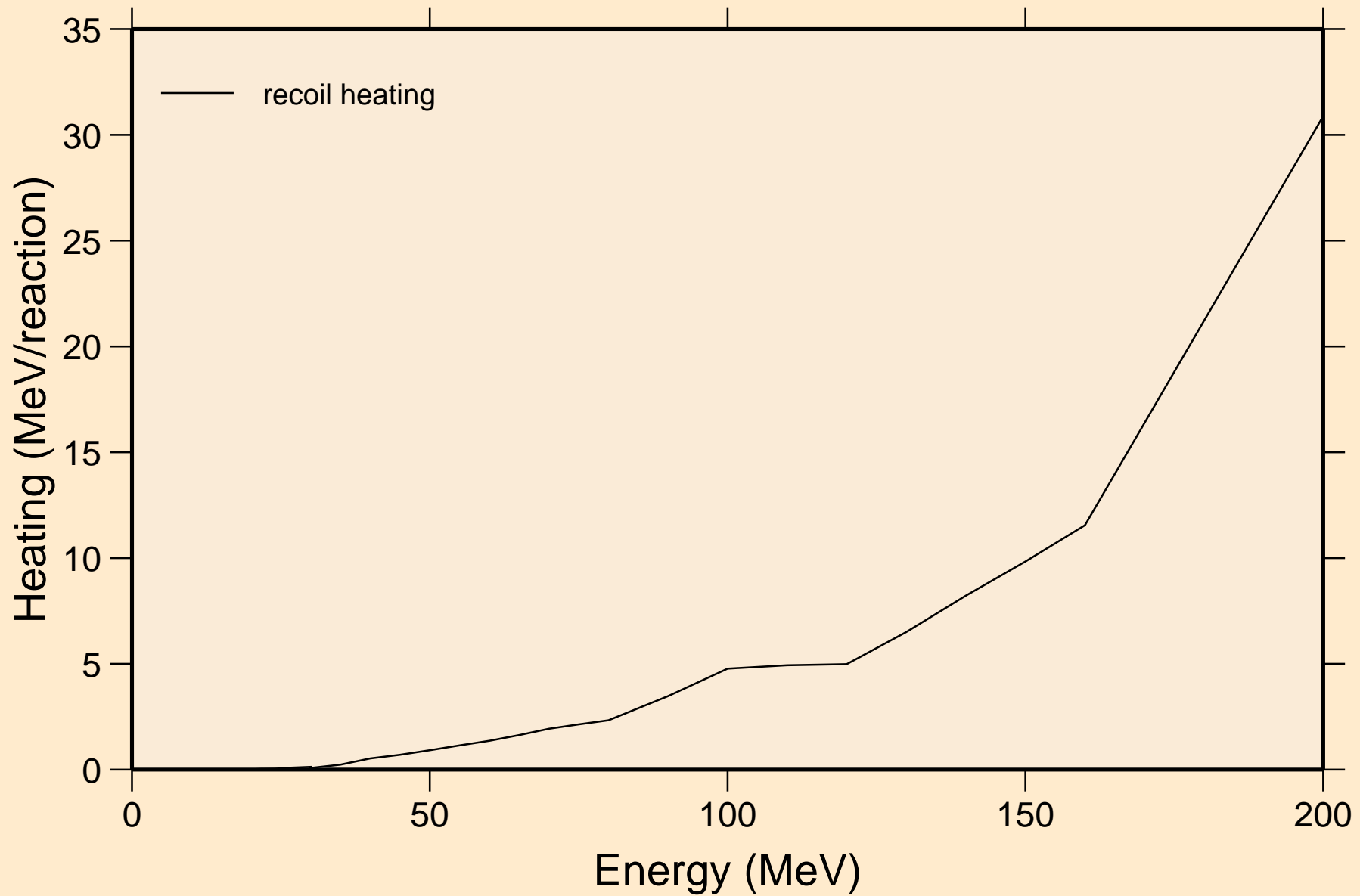


SB116 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions

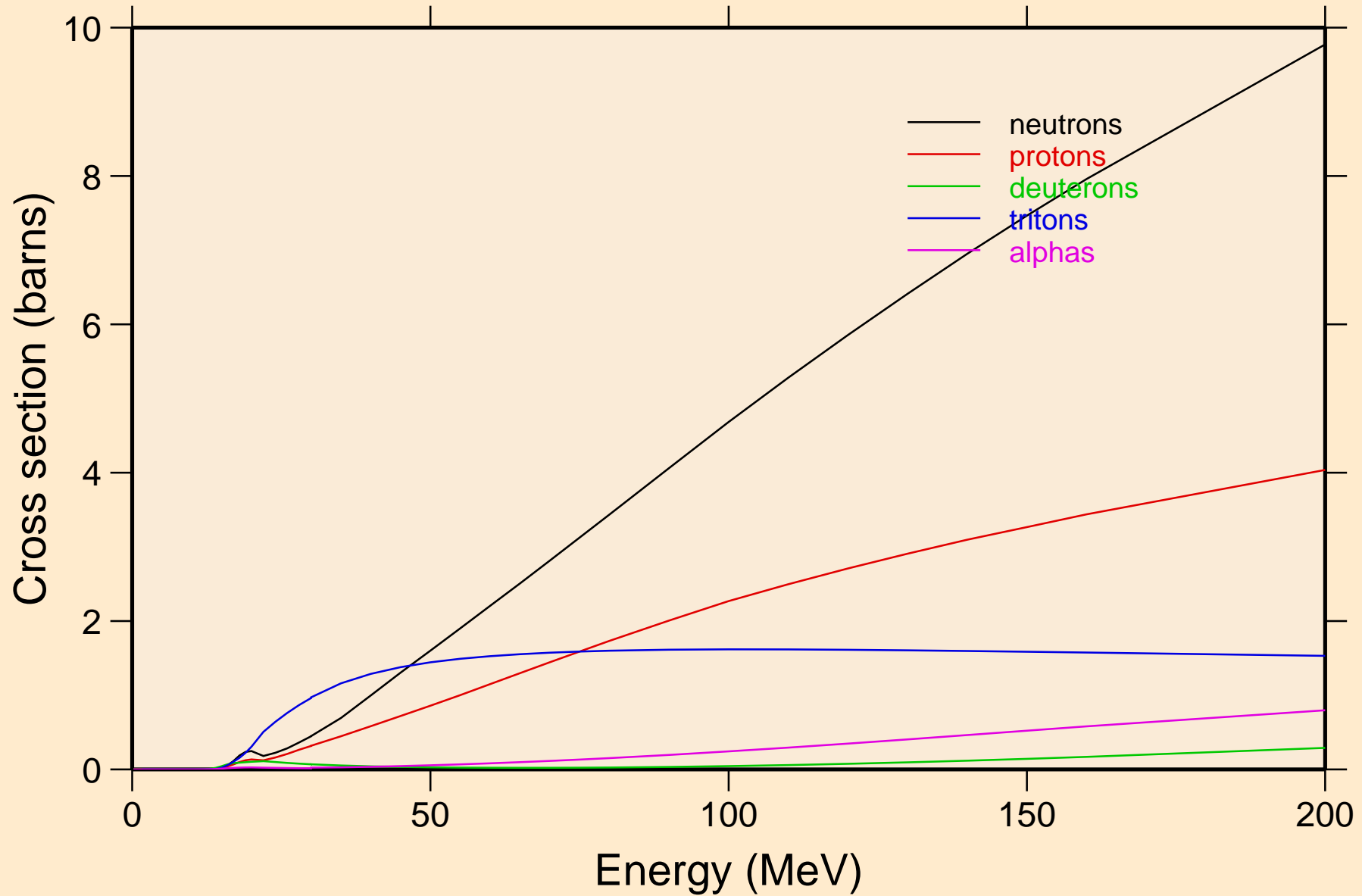




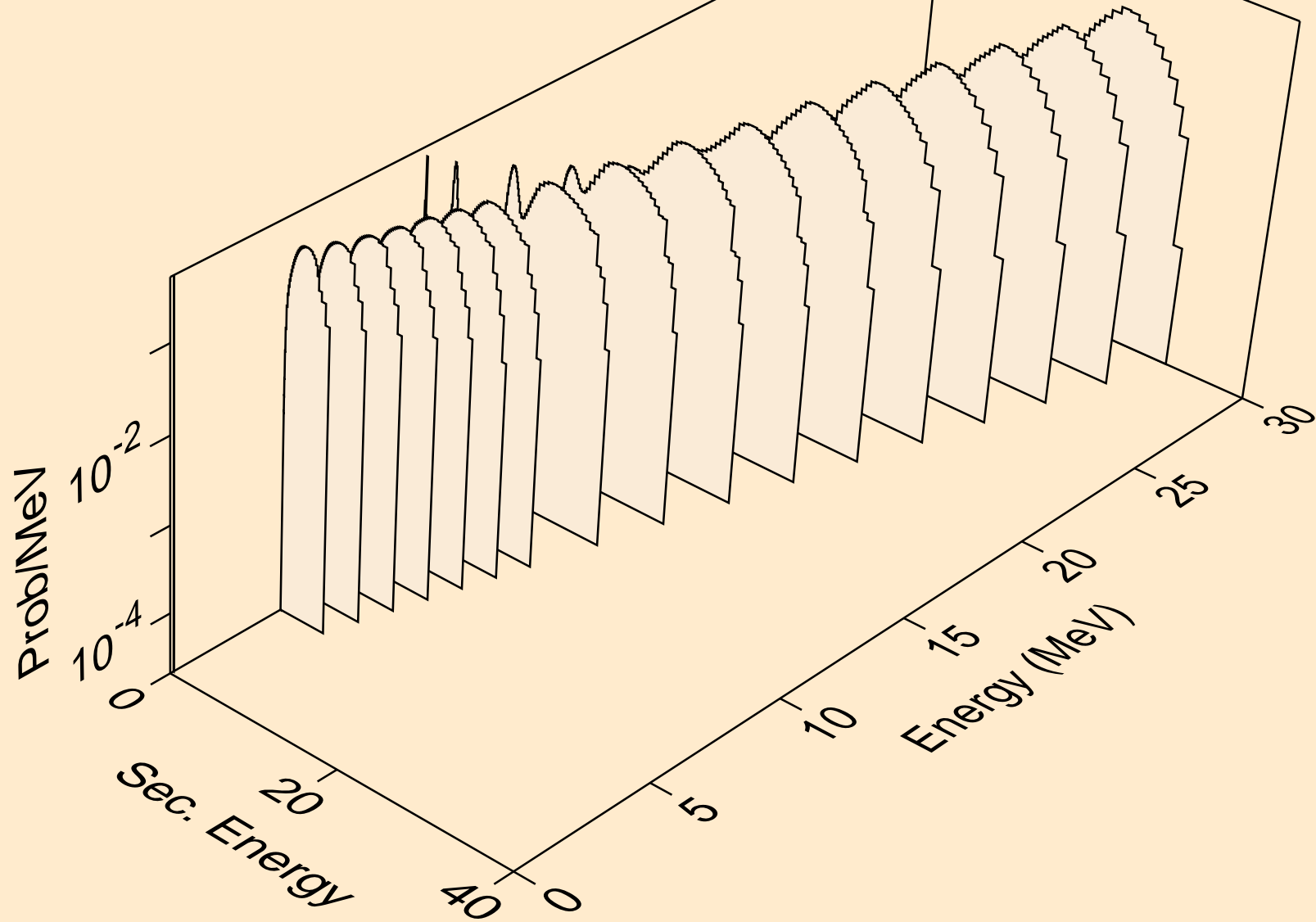
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Recoil Heating



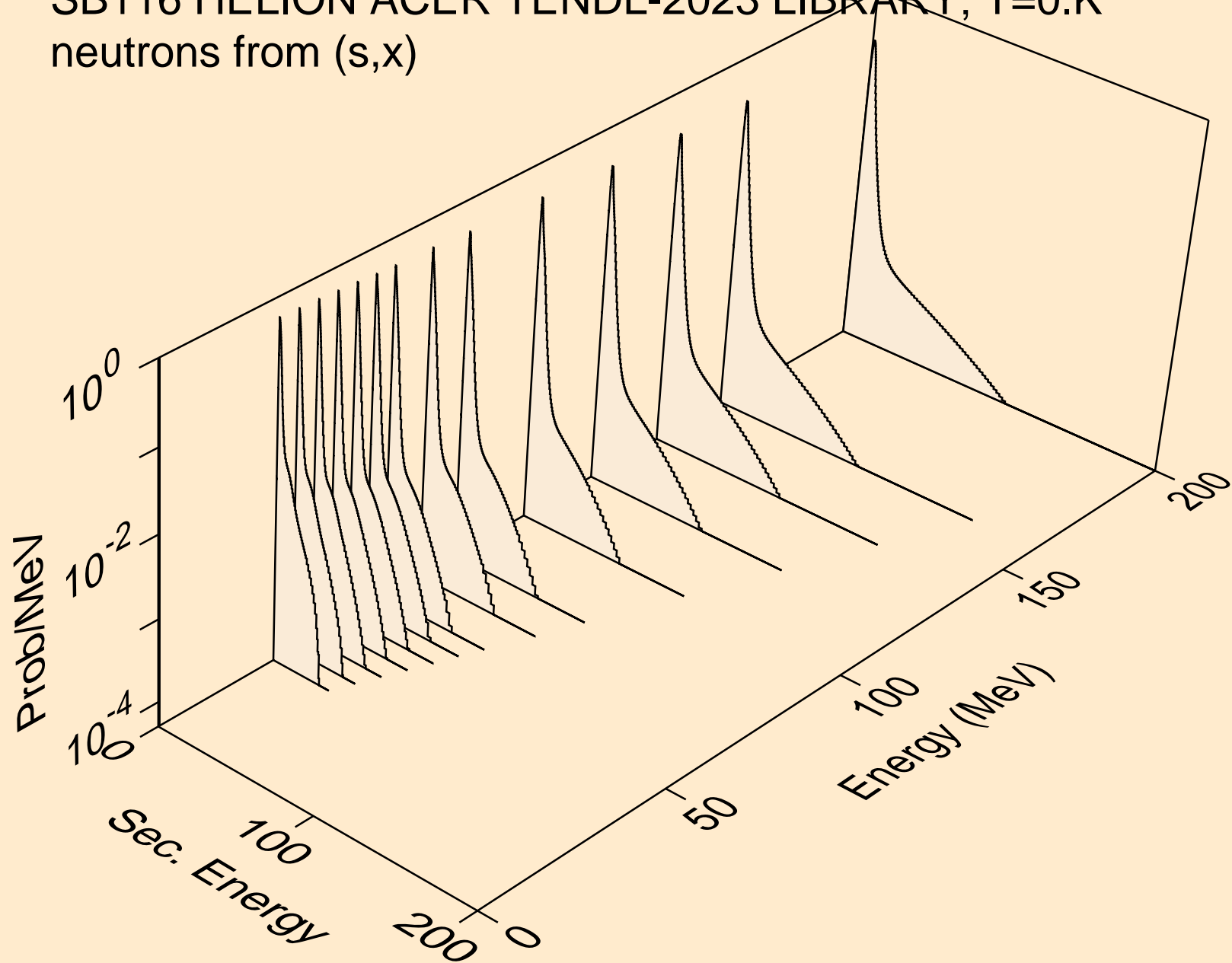
SB116 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



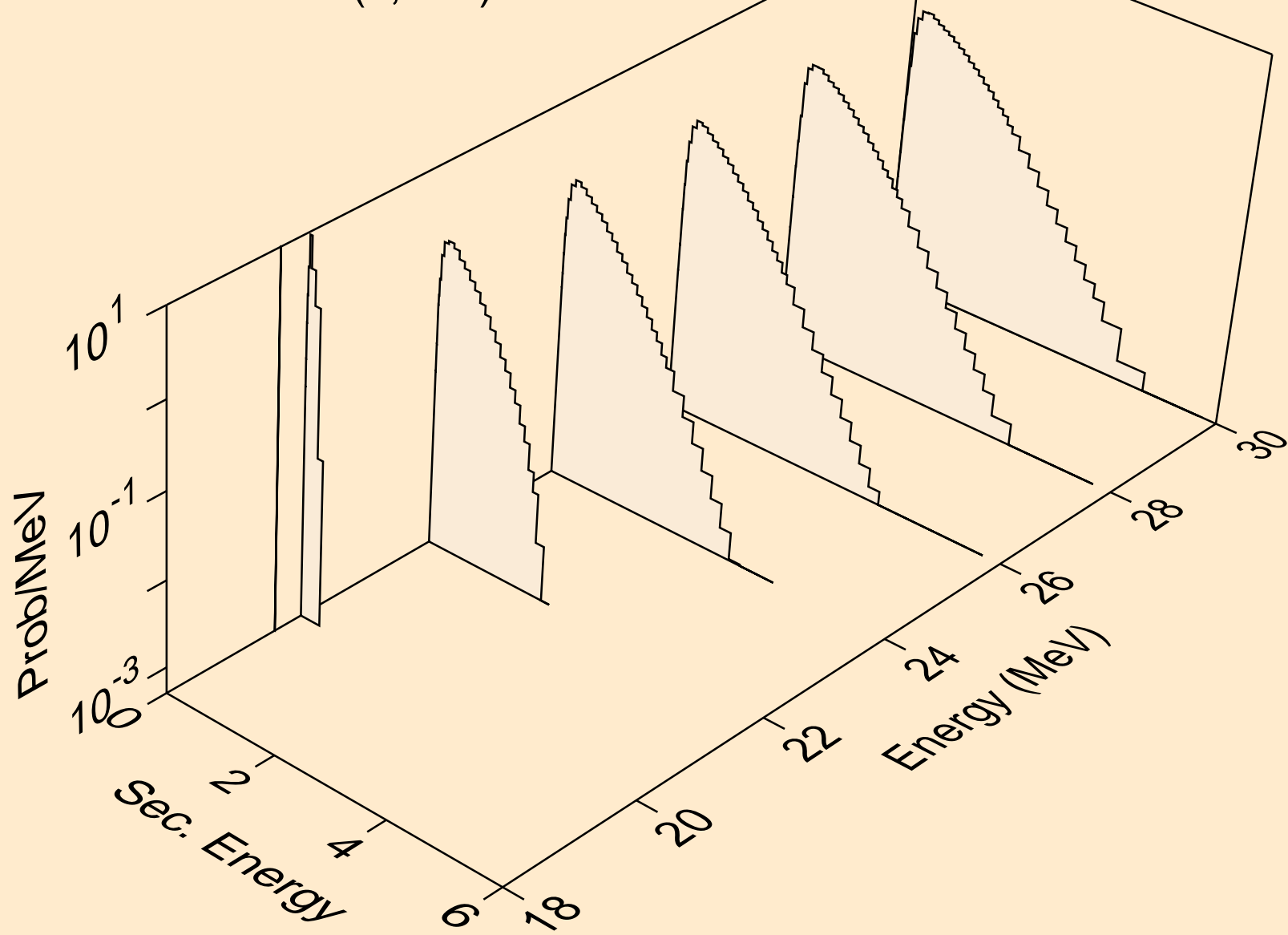
SB116 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n)



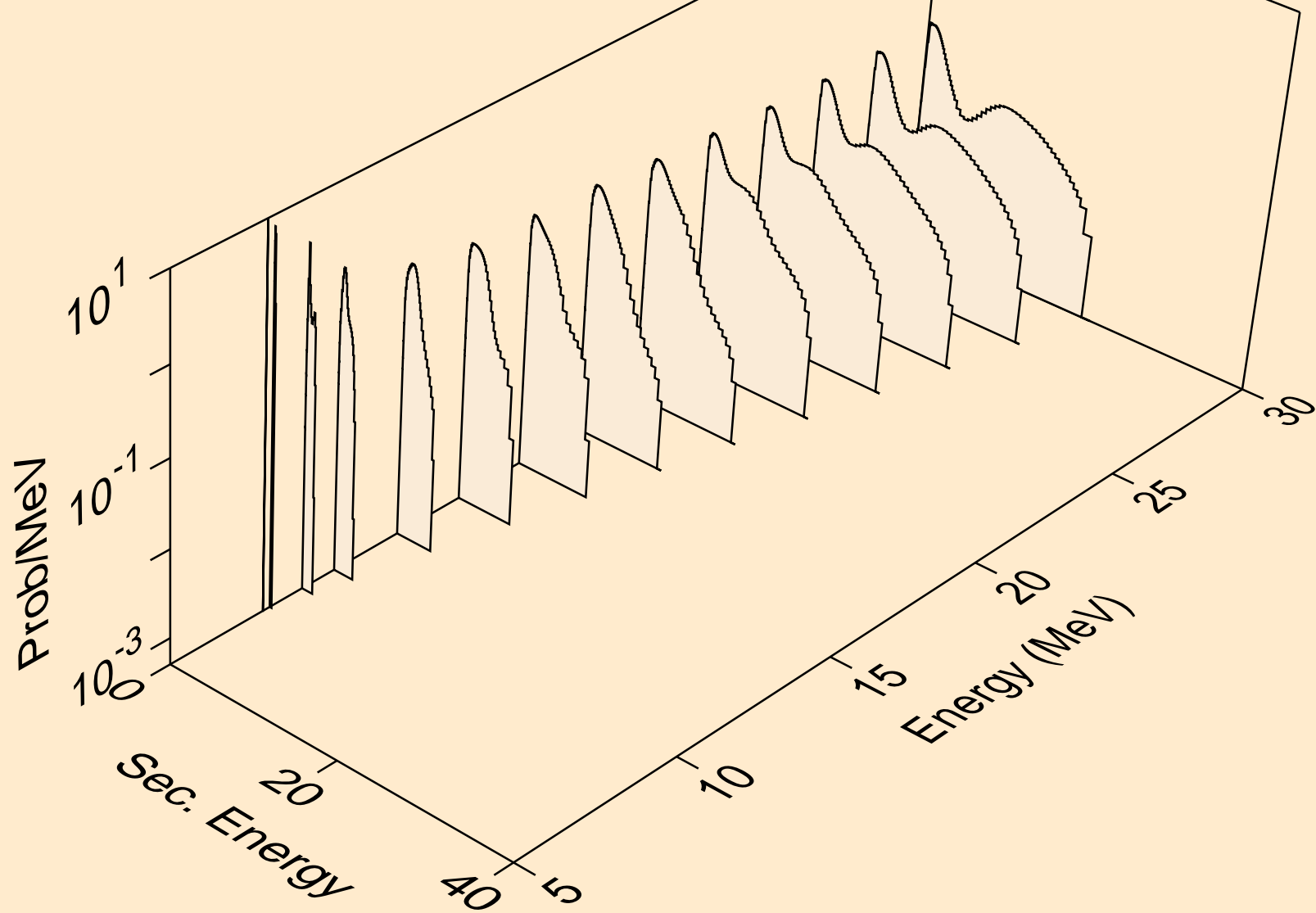
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neutrons from (s,x)



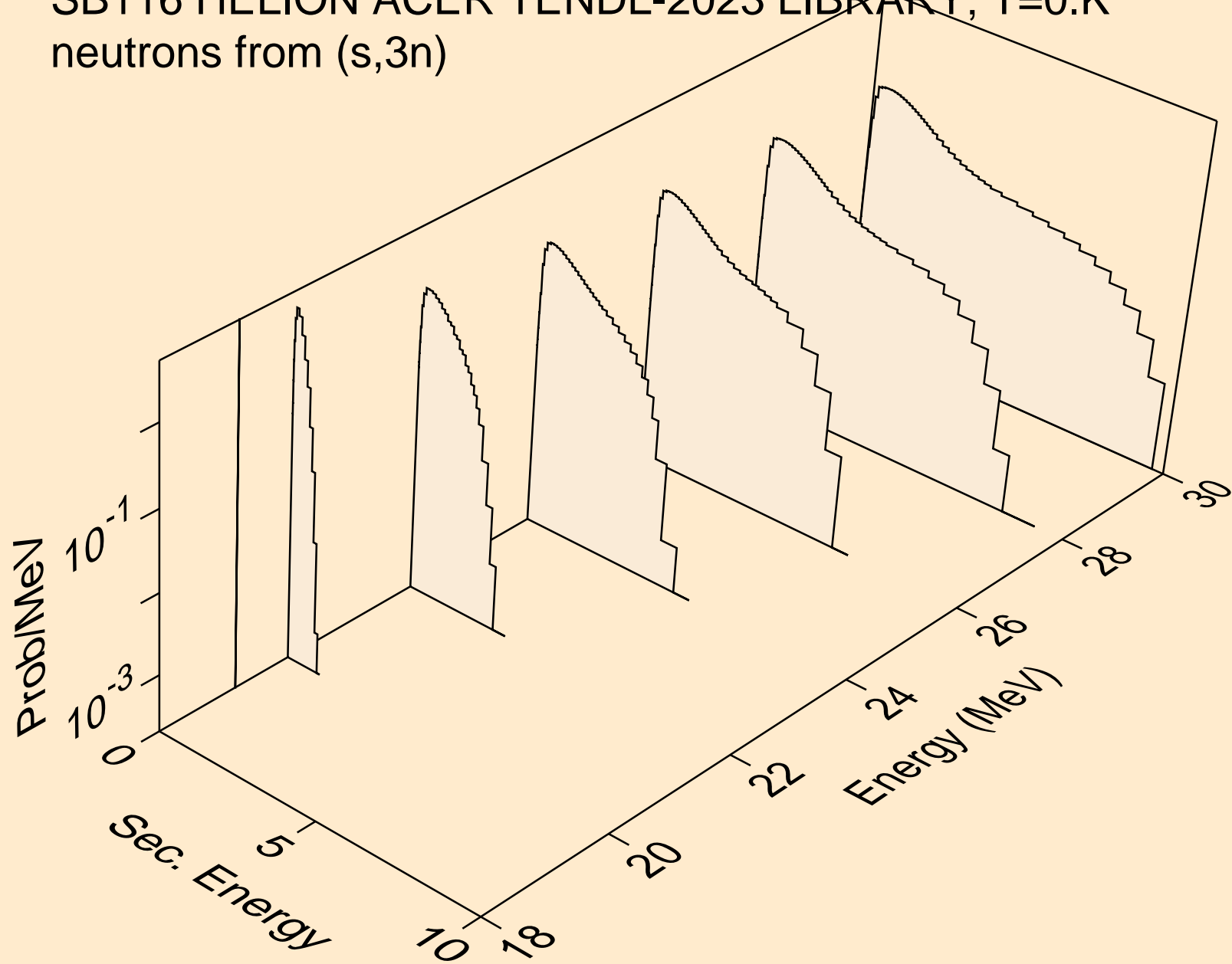
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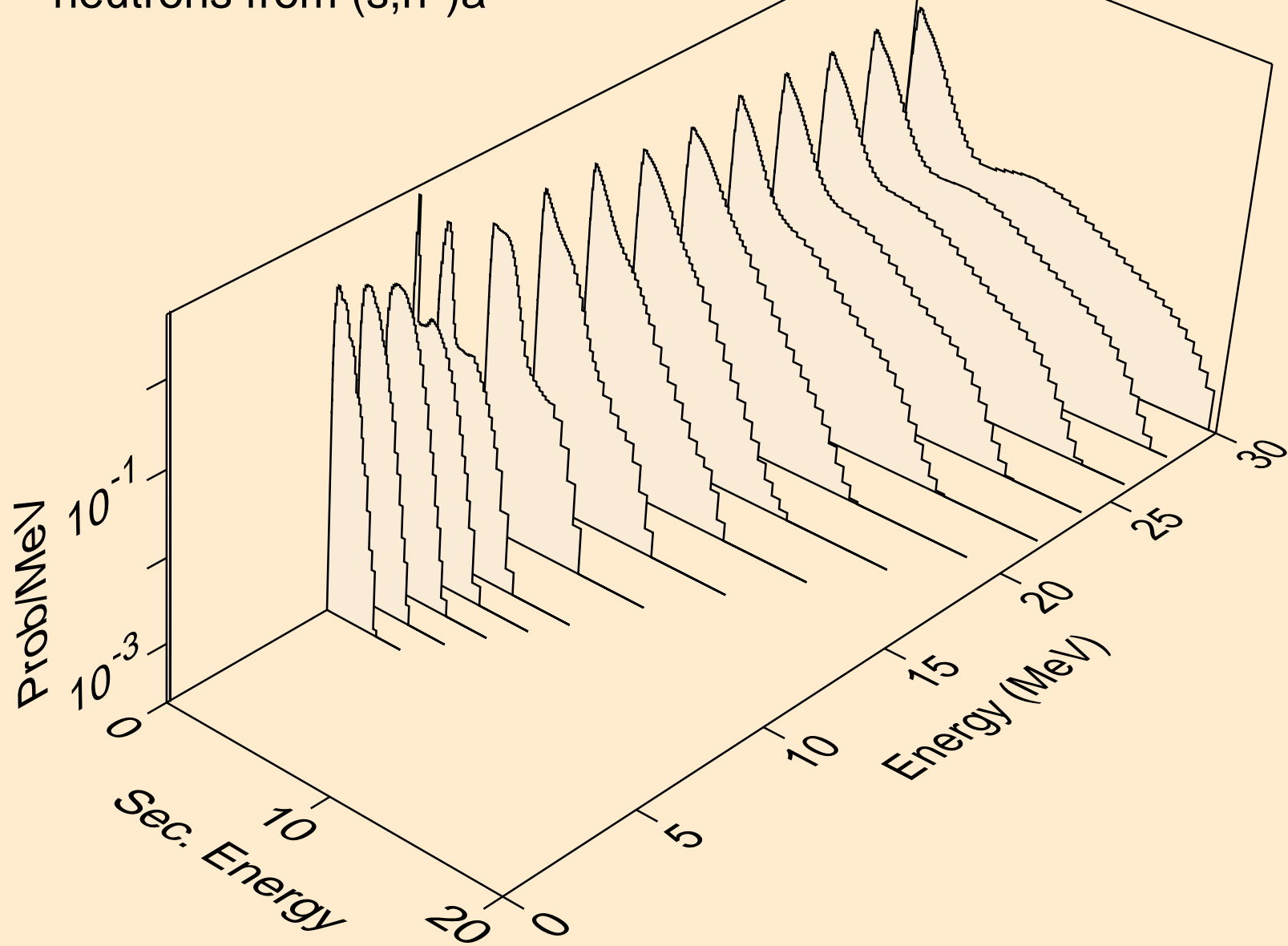
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neutrons from (s,2n)



SB116 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3n)

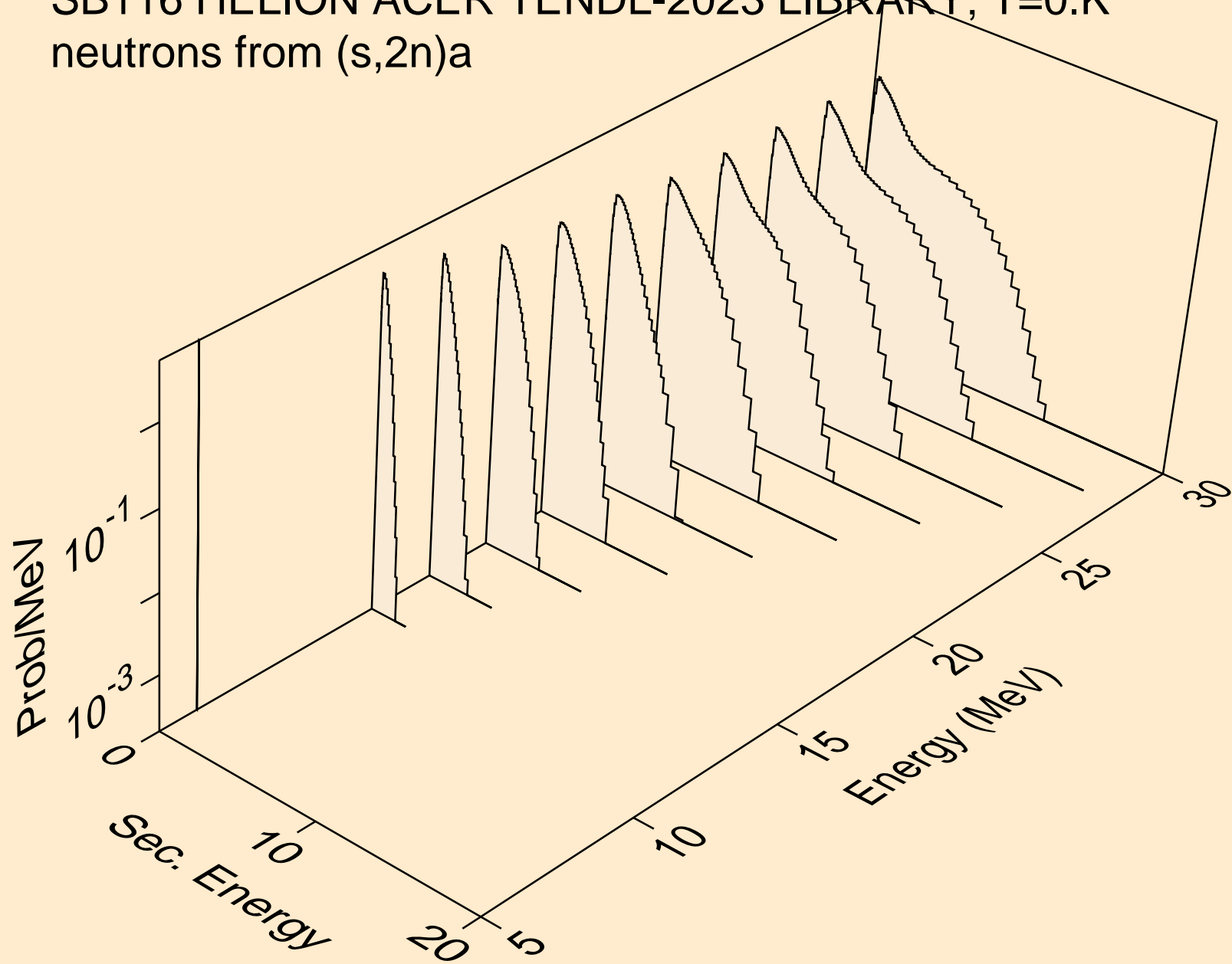


SB116 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)a

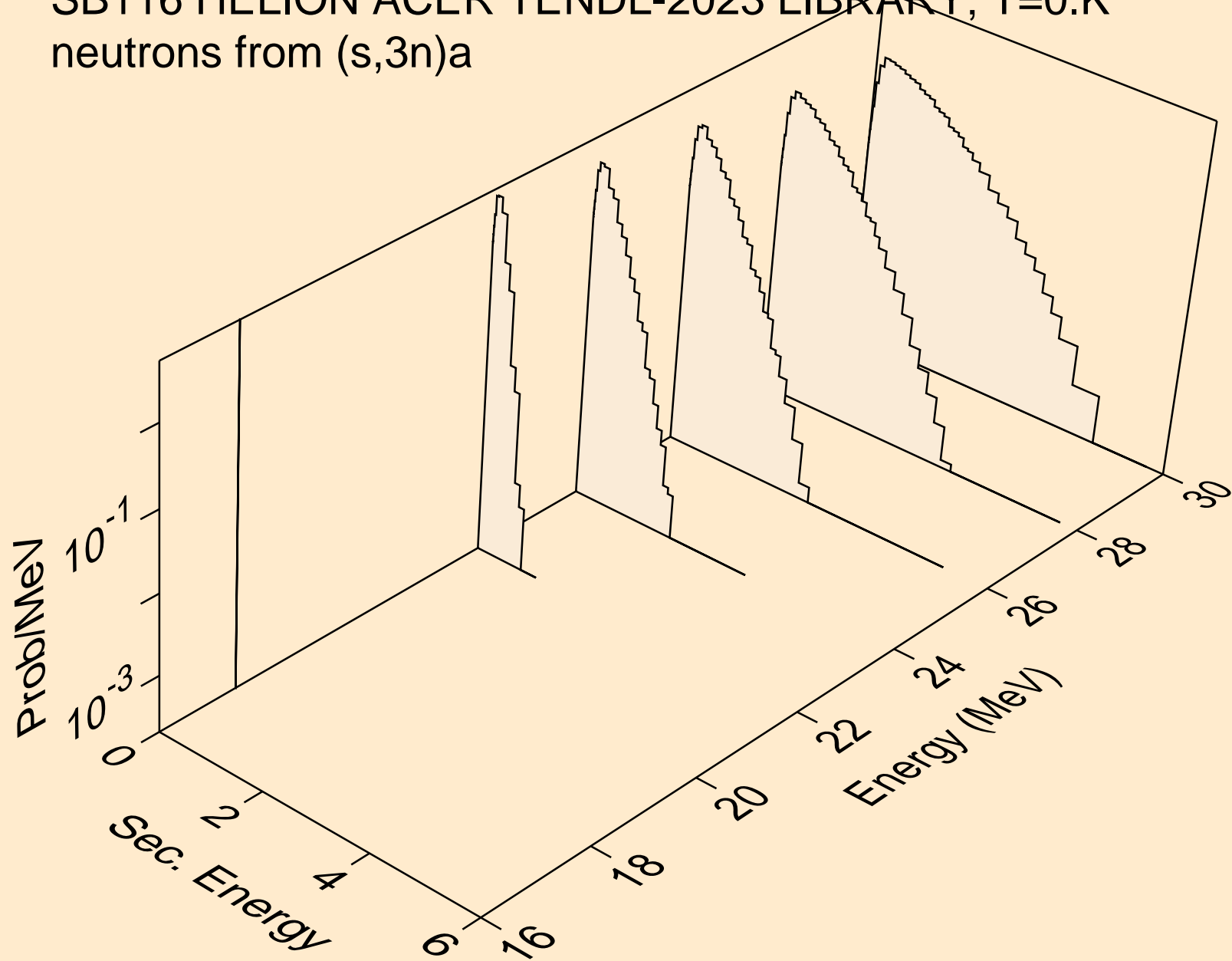




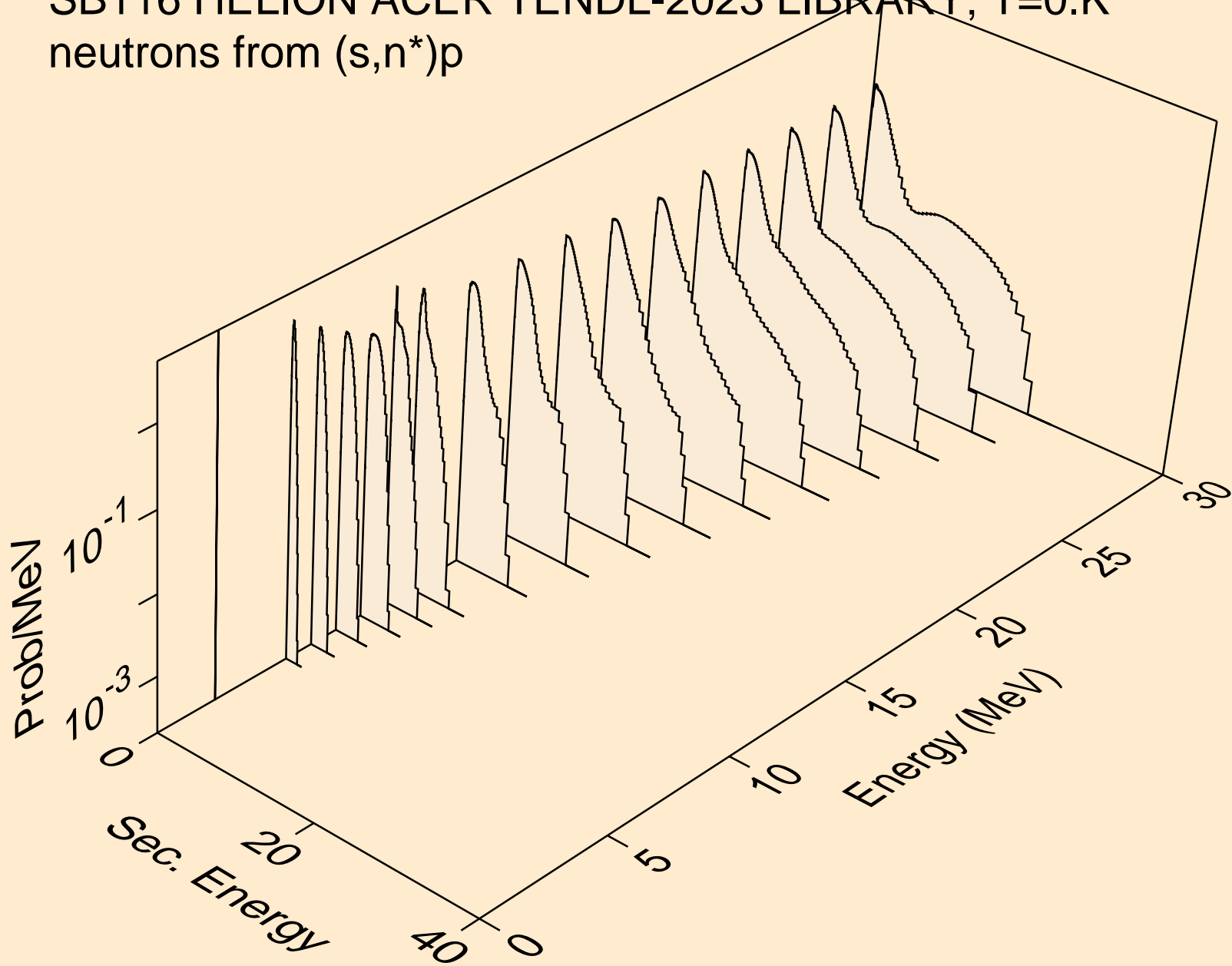
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neutrons from (s,2n)a



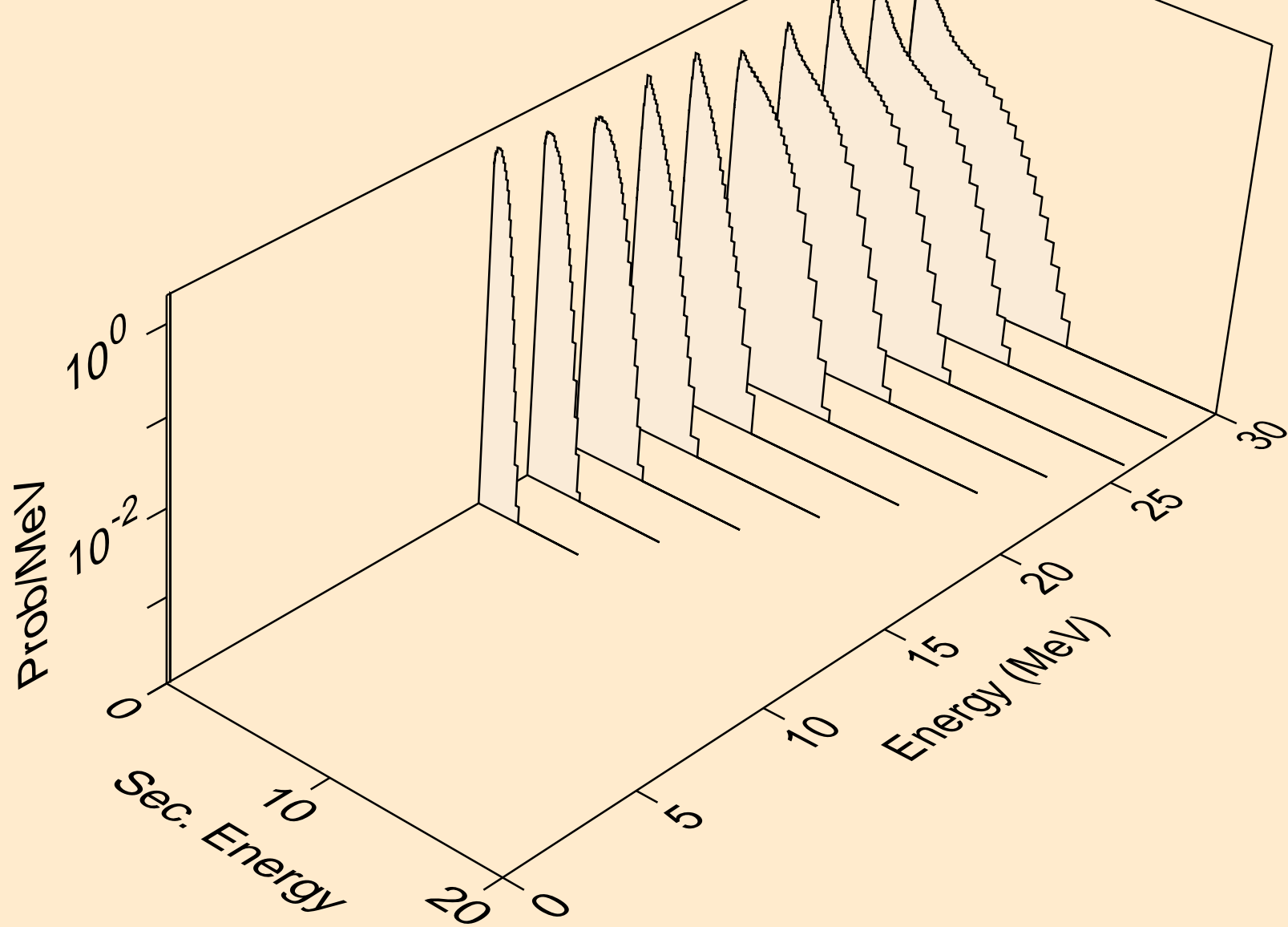
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neutrons from (s,3n)a



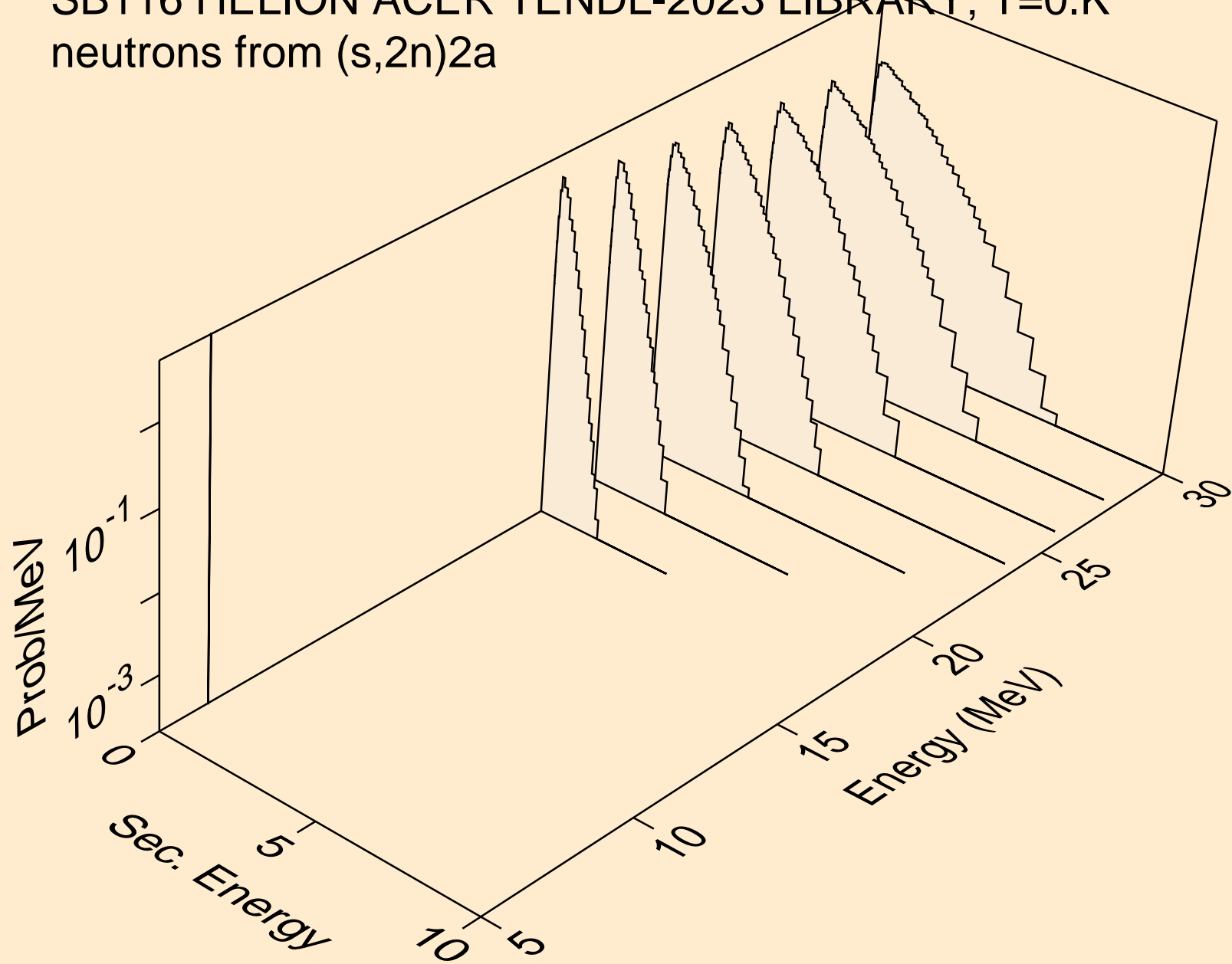
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neutrons from (s,n\*)p



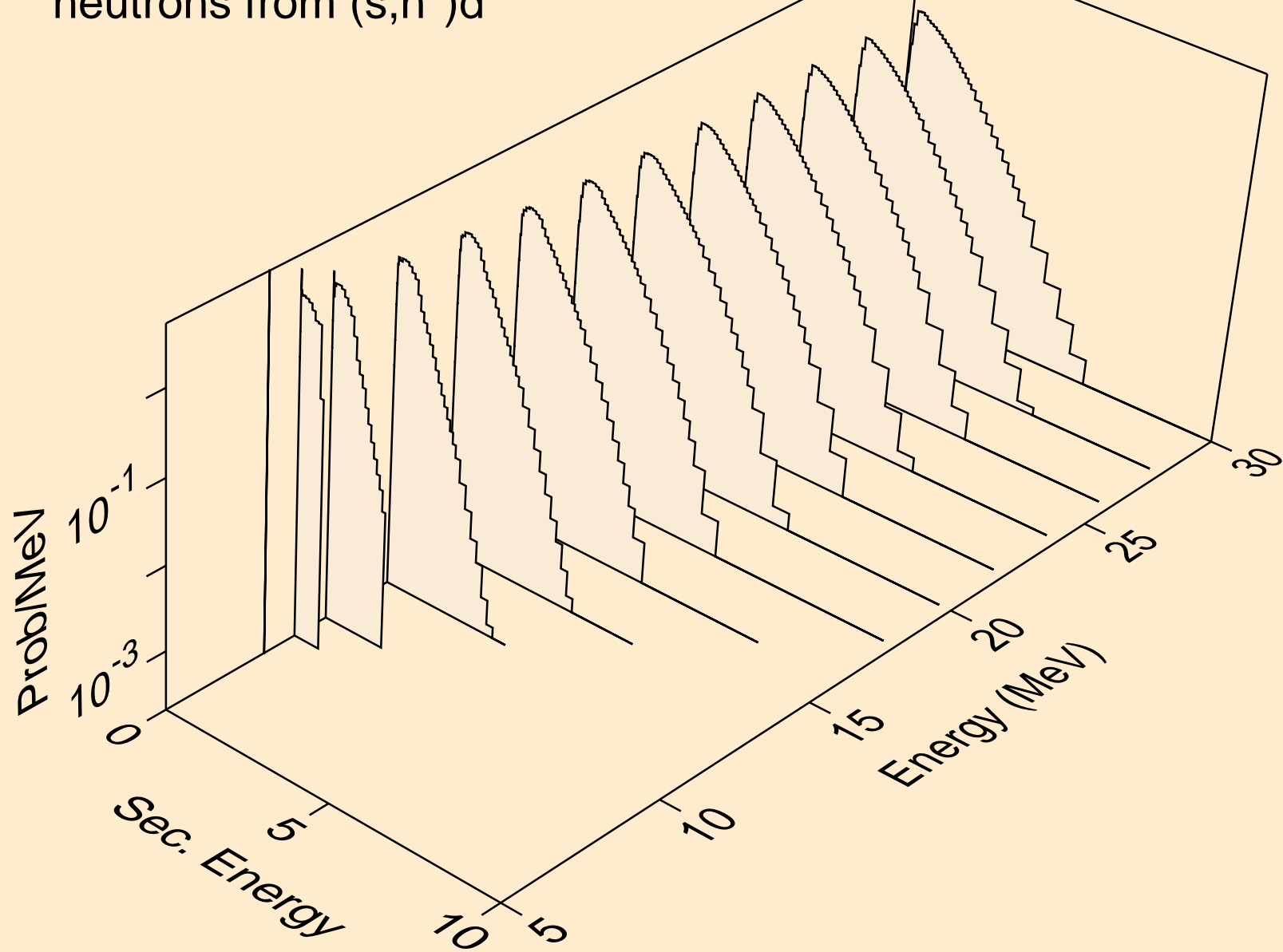
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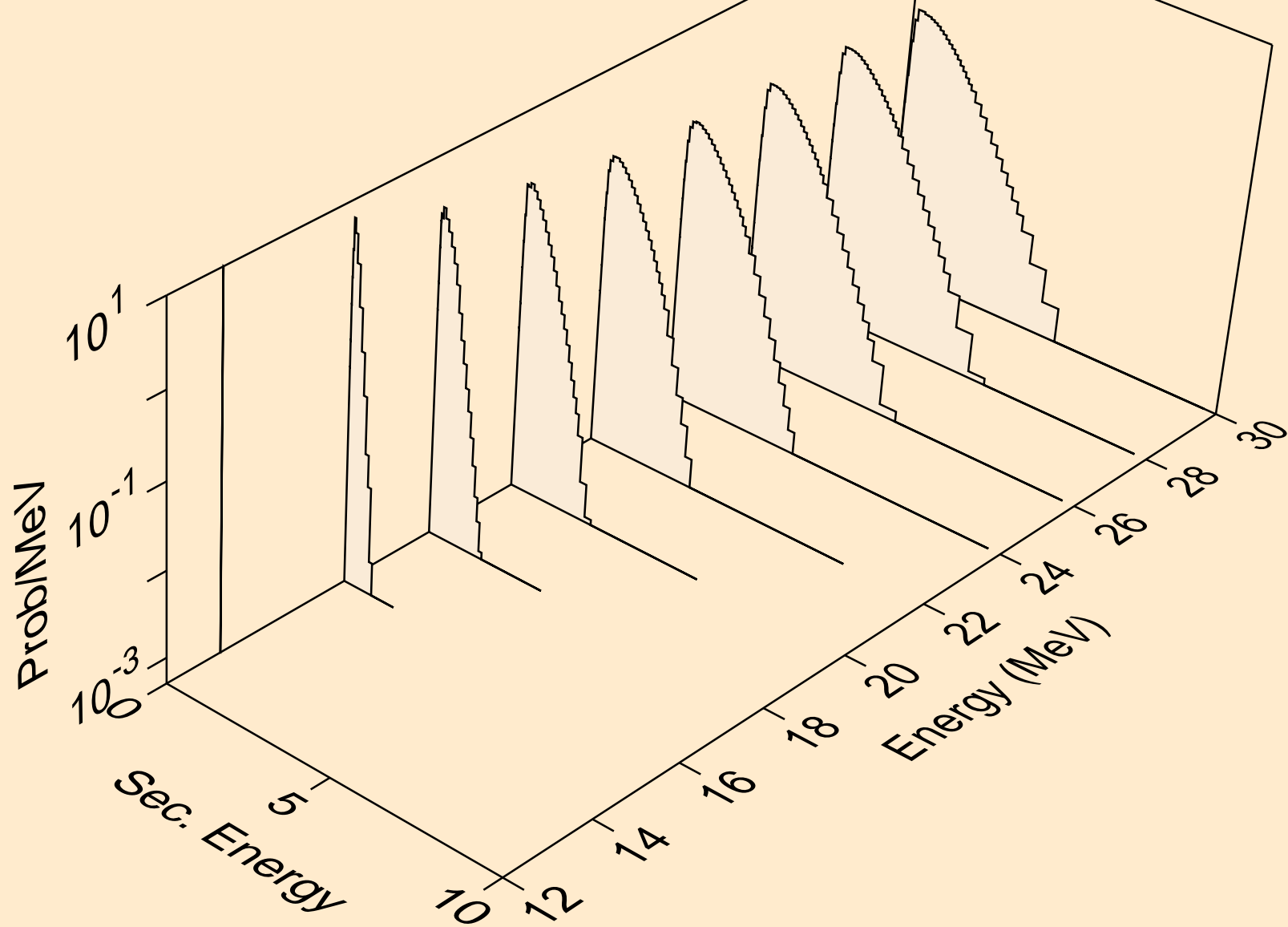
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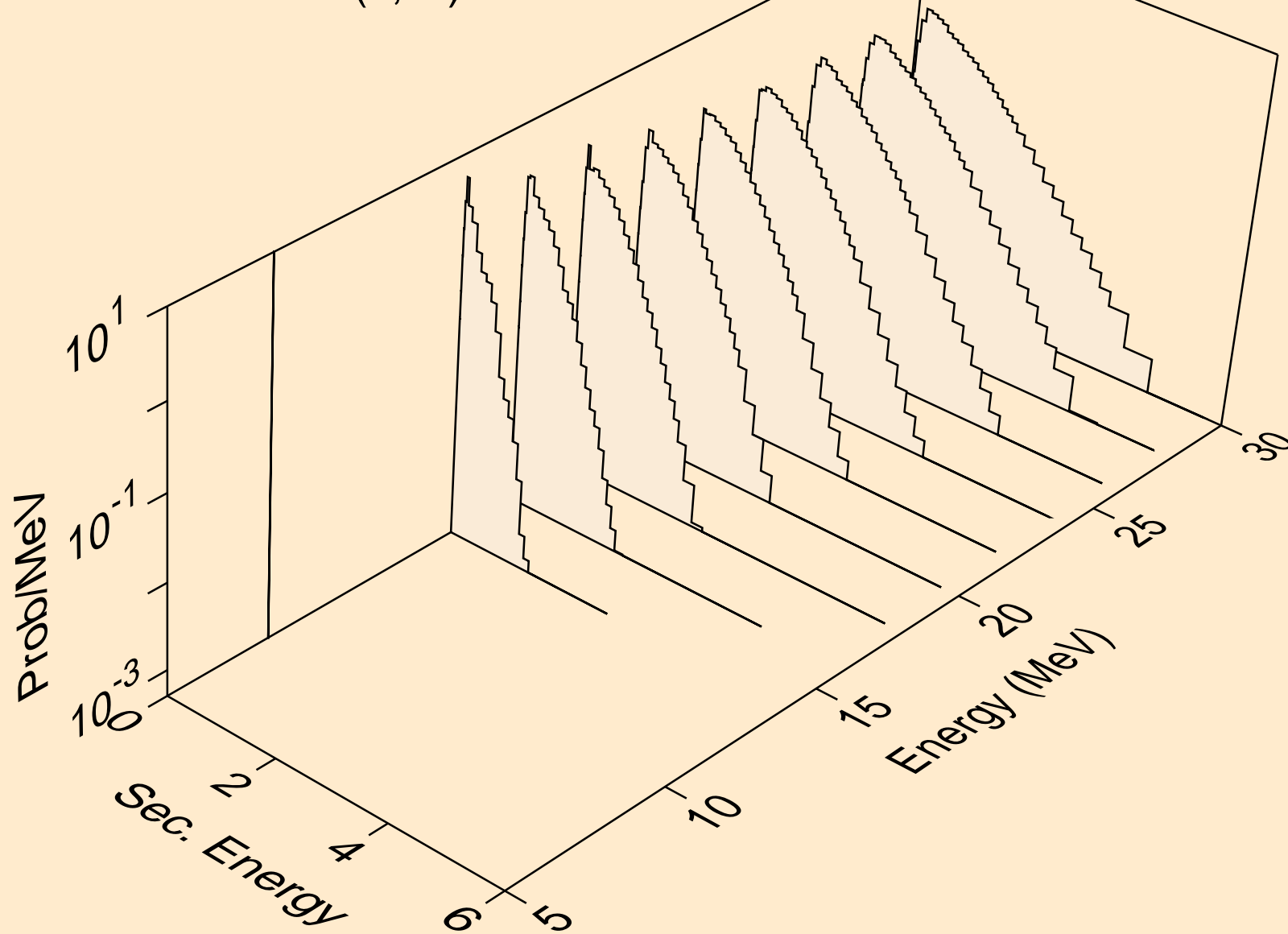
SB116 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)d



SB116 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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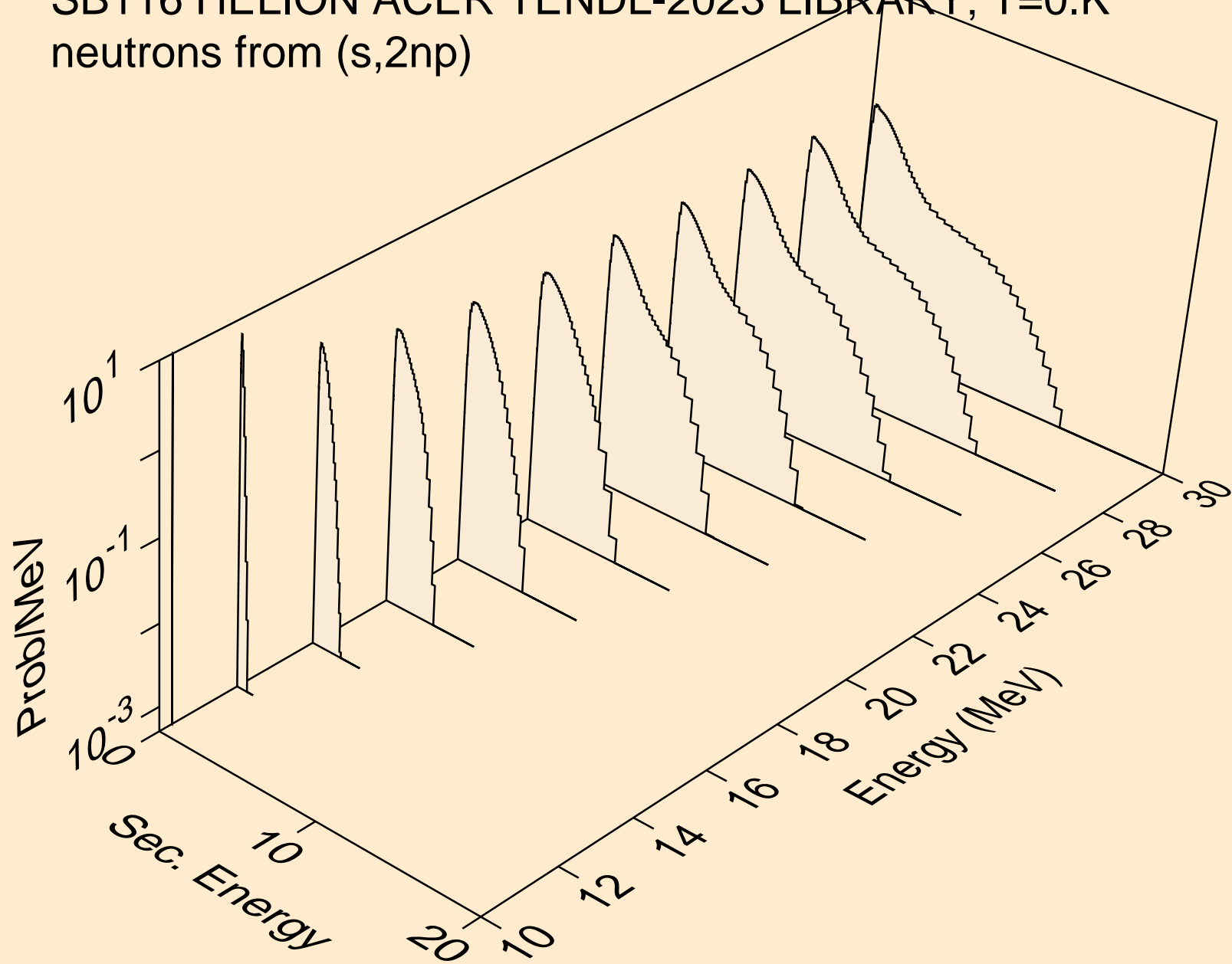


SB116 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)he3

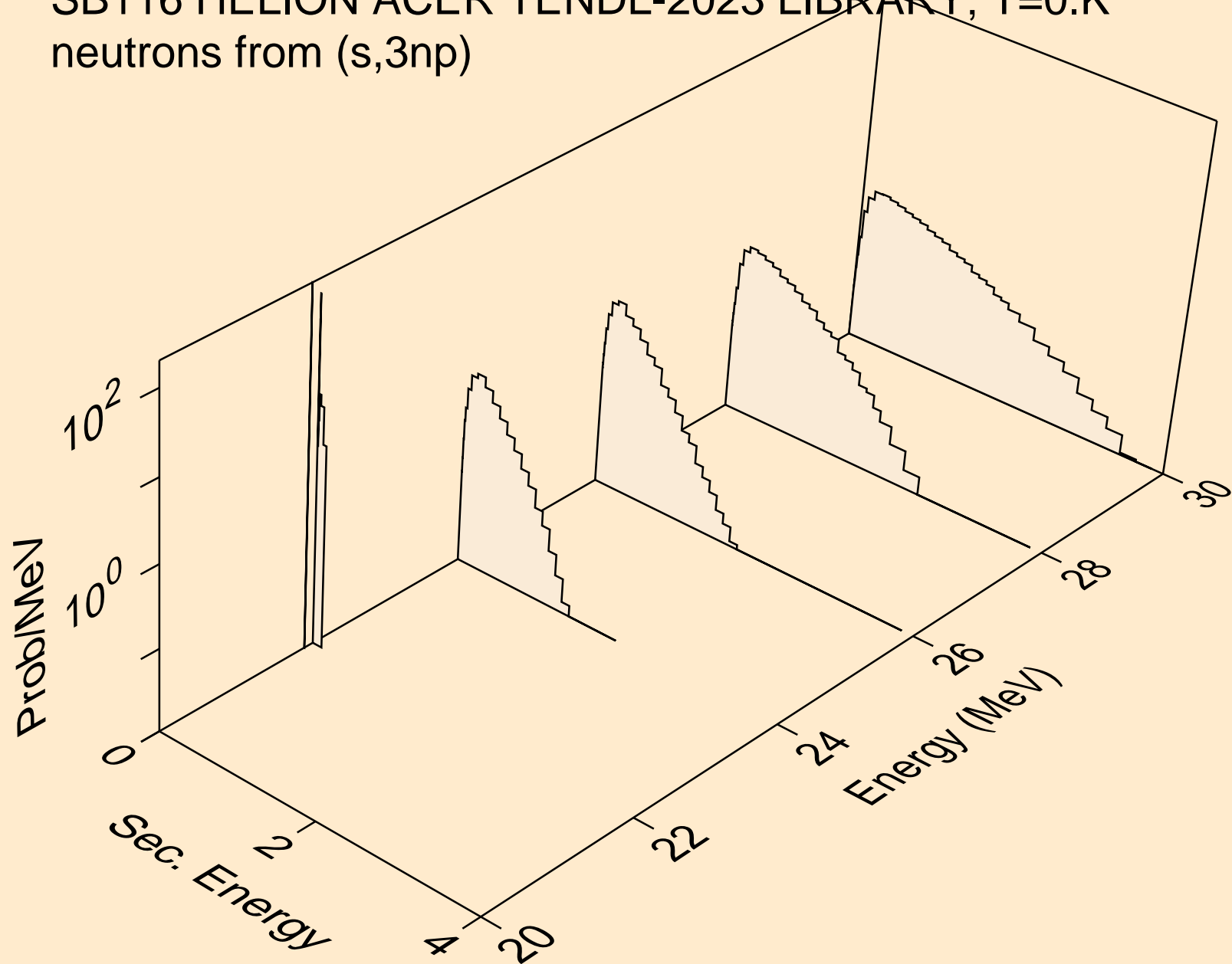




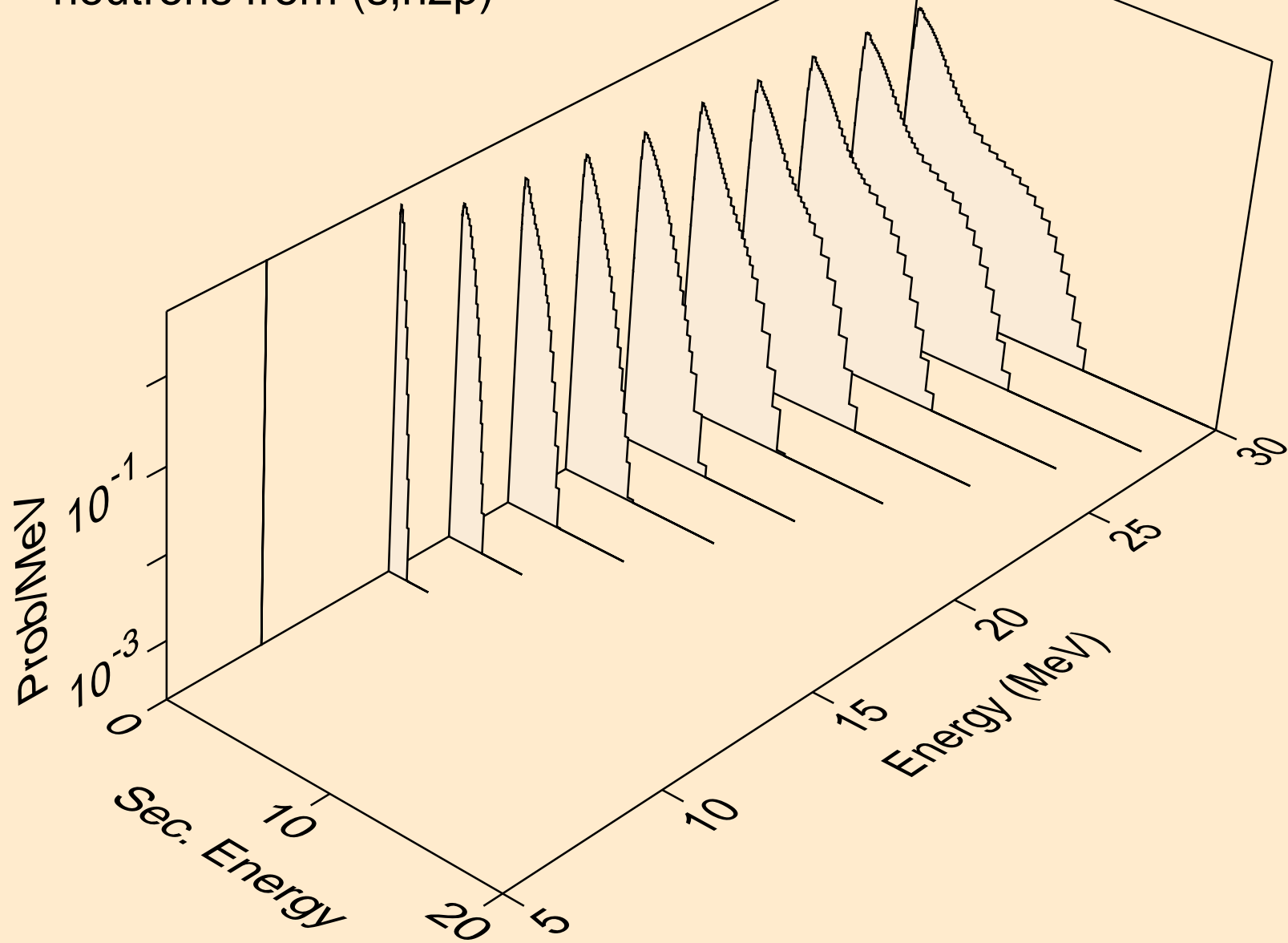
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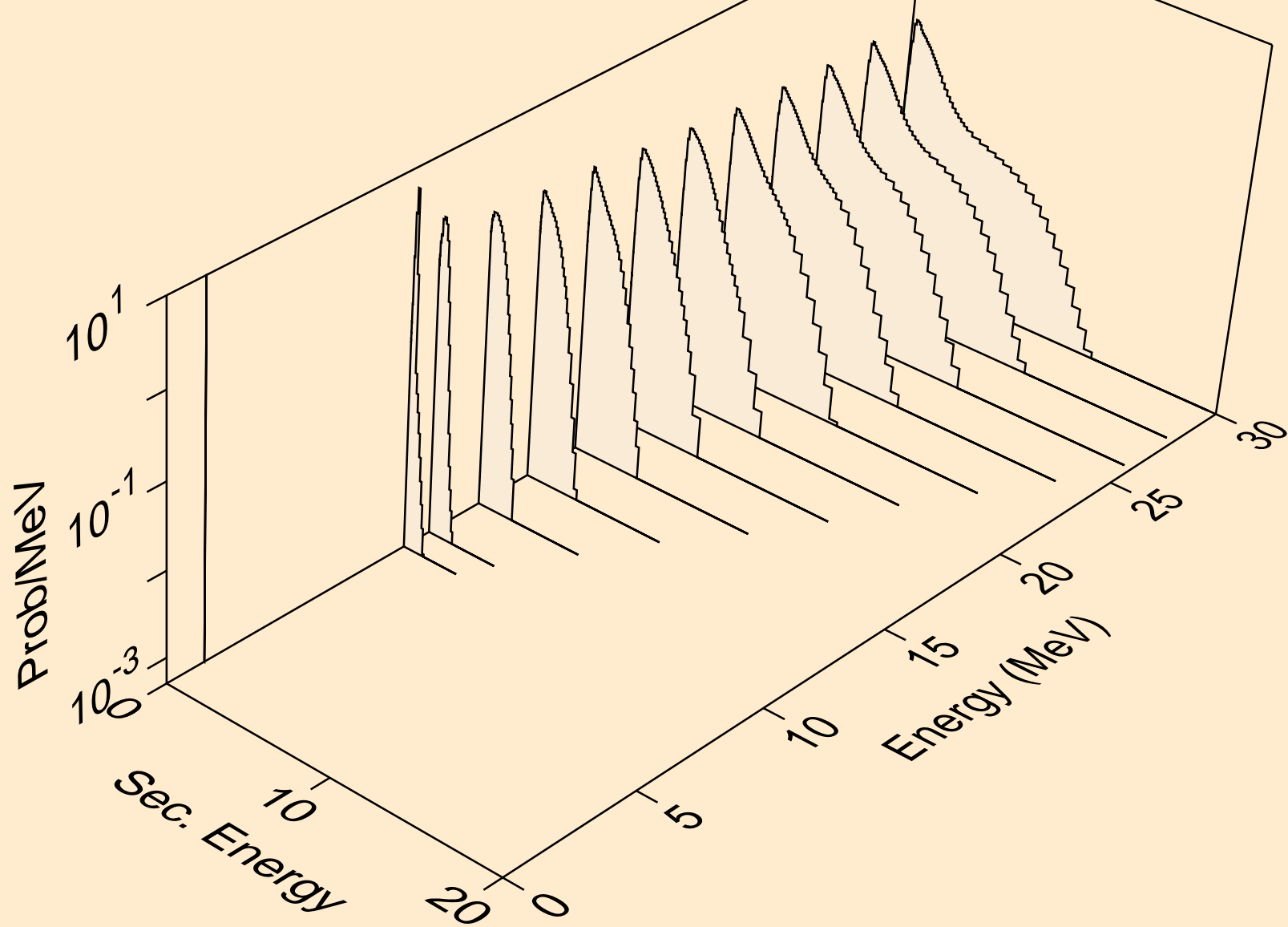
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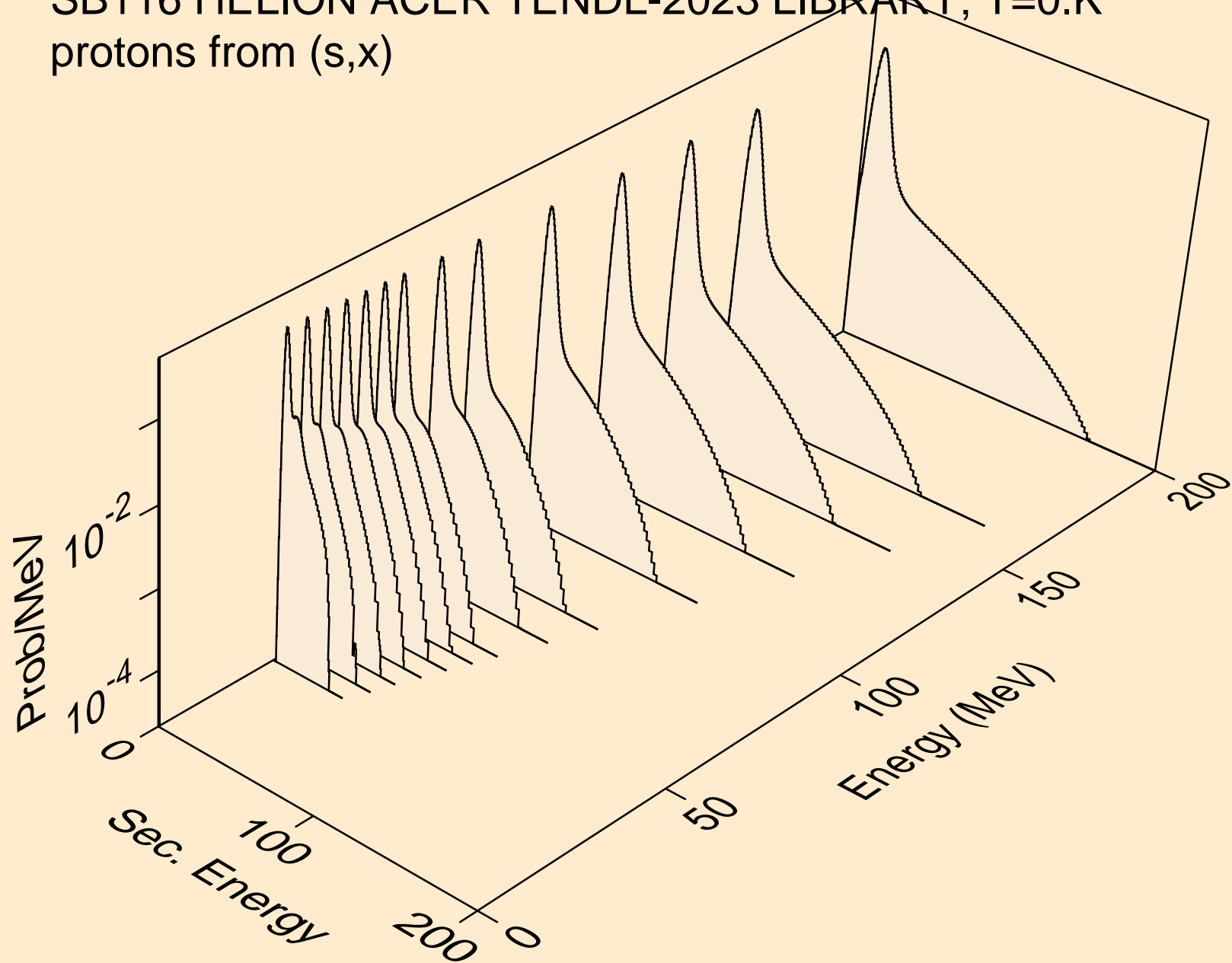
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neutrons from (s,n2p)



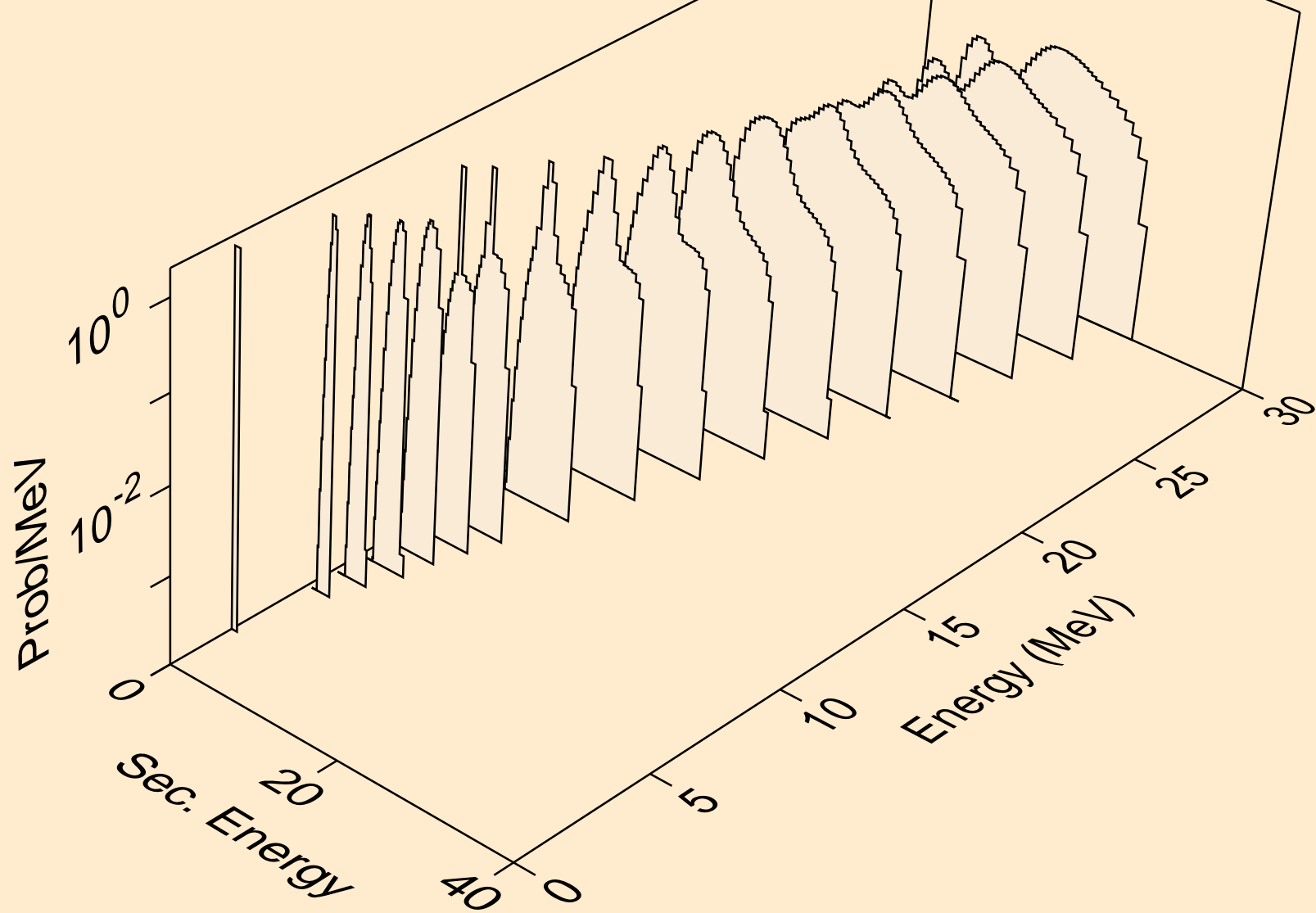
SB116 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,npa)



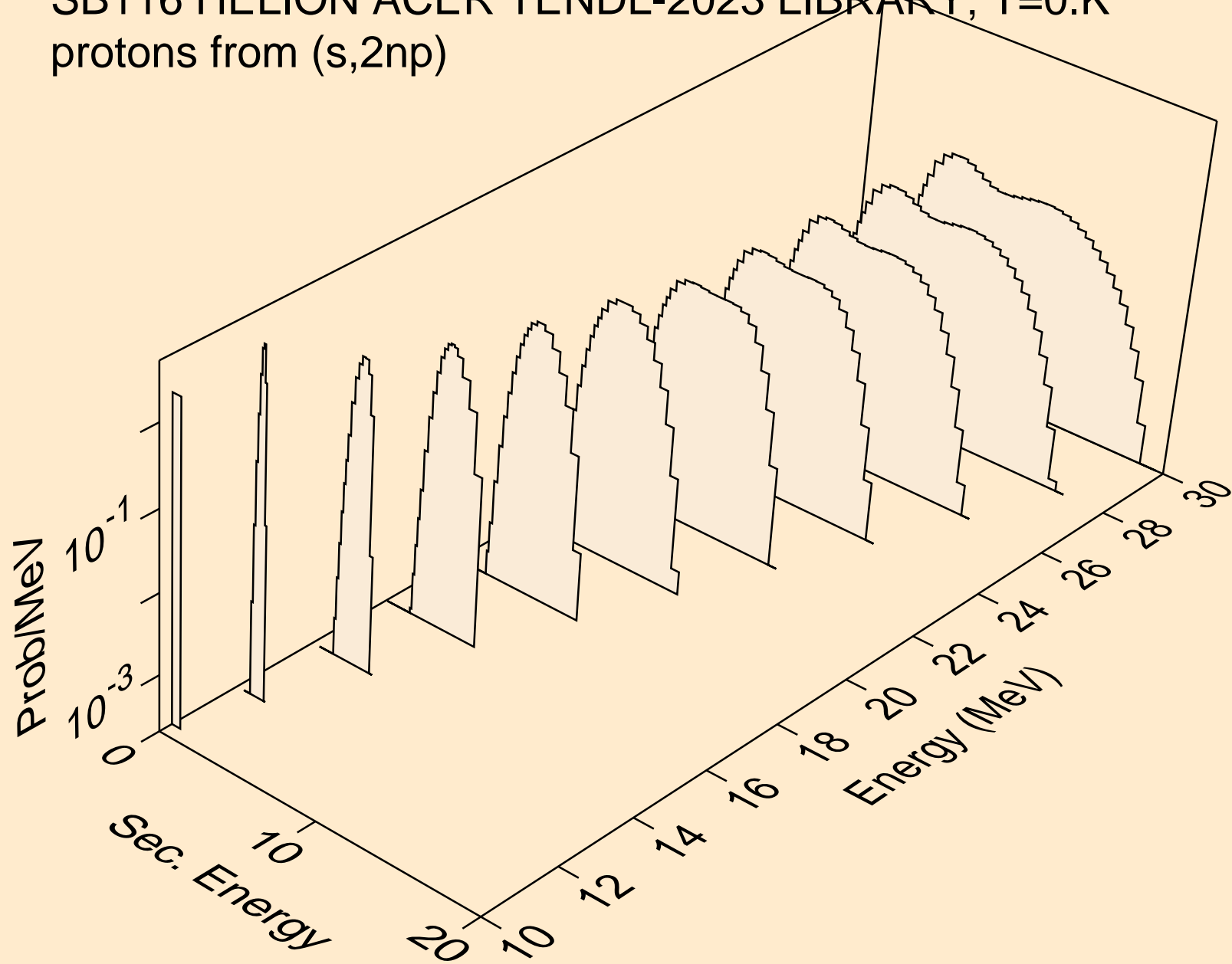
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protons from (s,x)



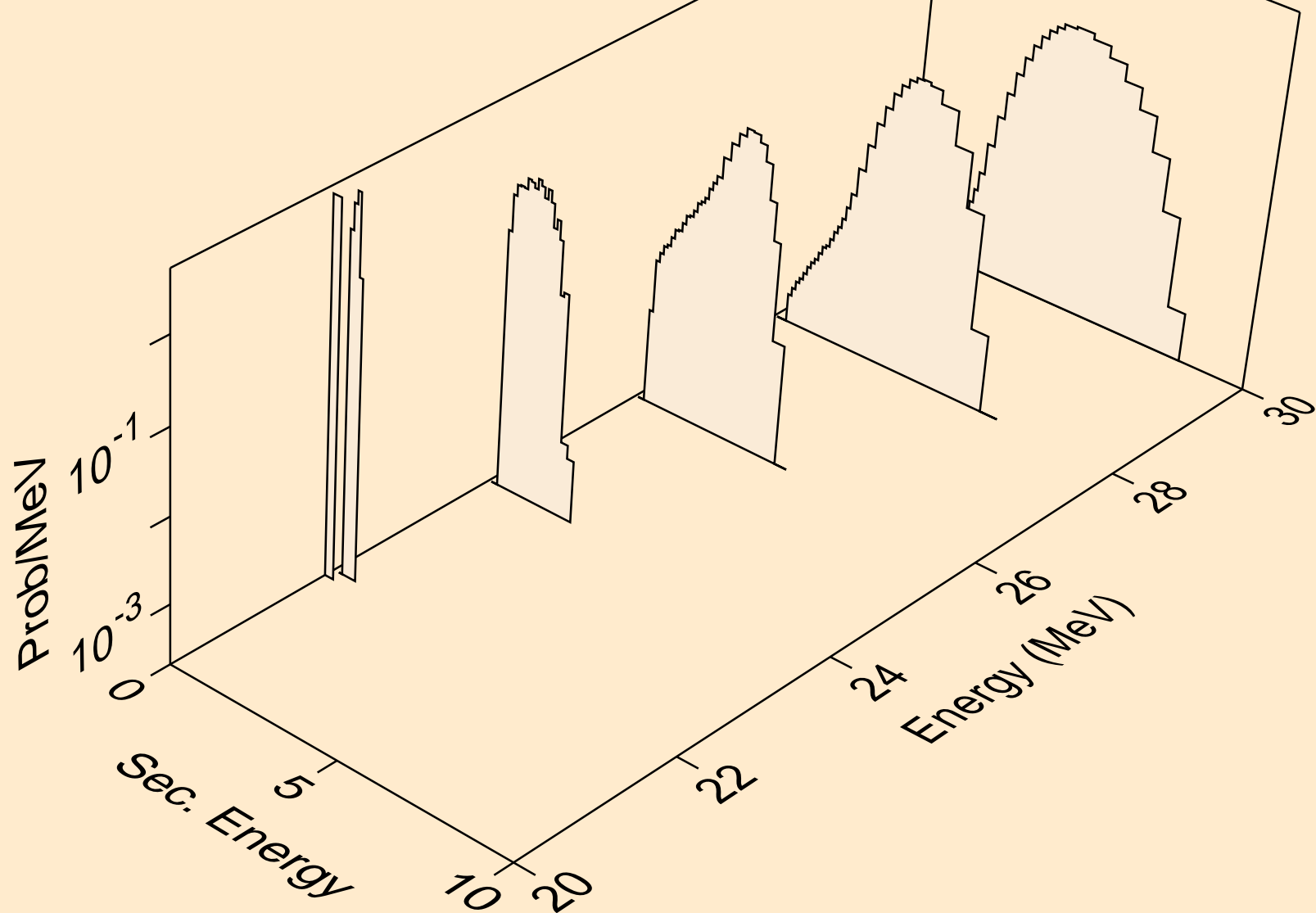
SB116 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,n\*)p



SB116 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,2np)

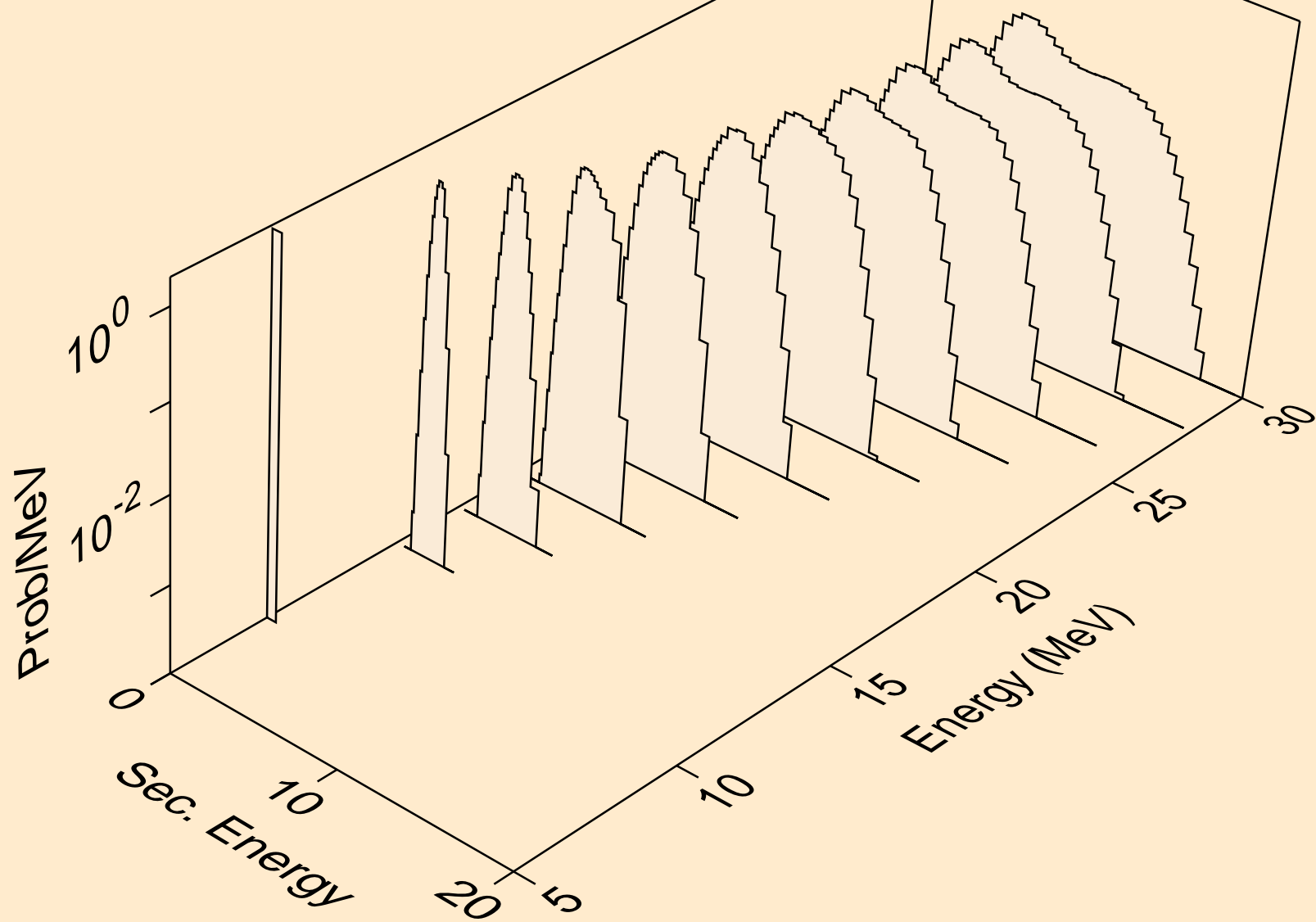


SB116 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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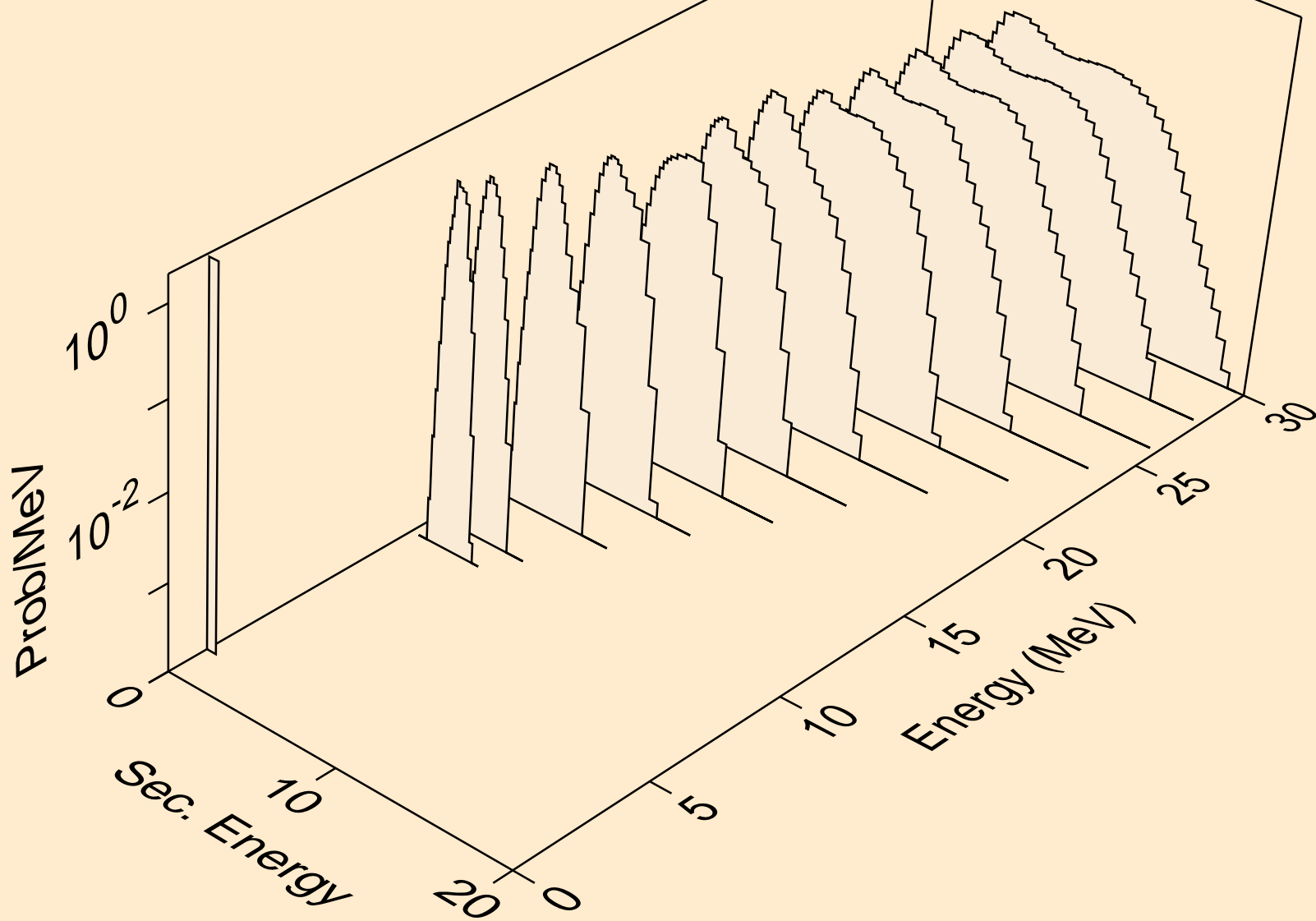




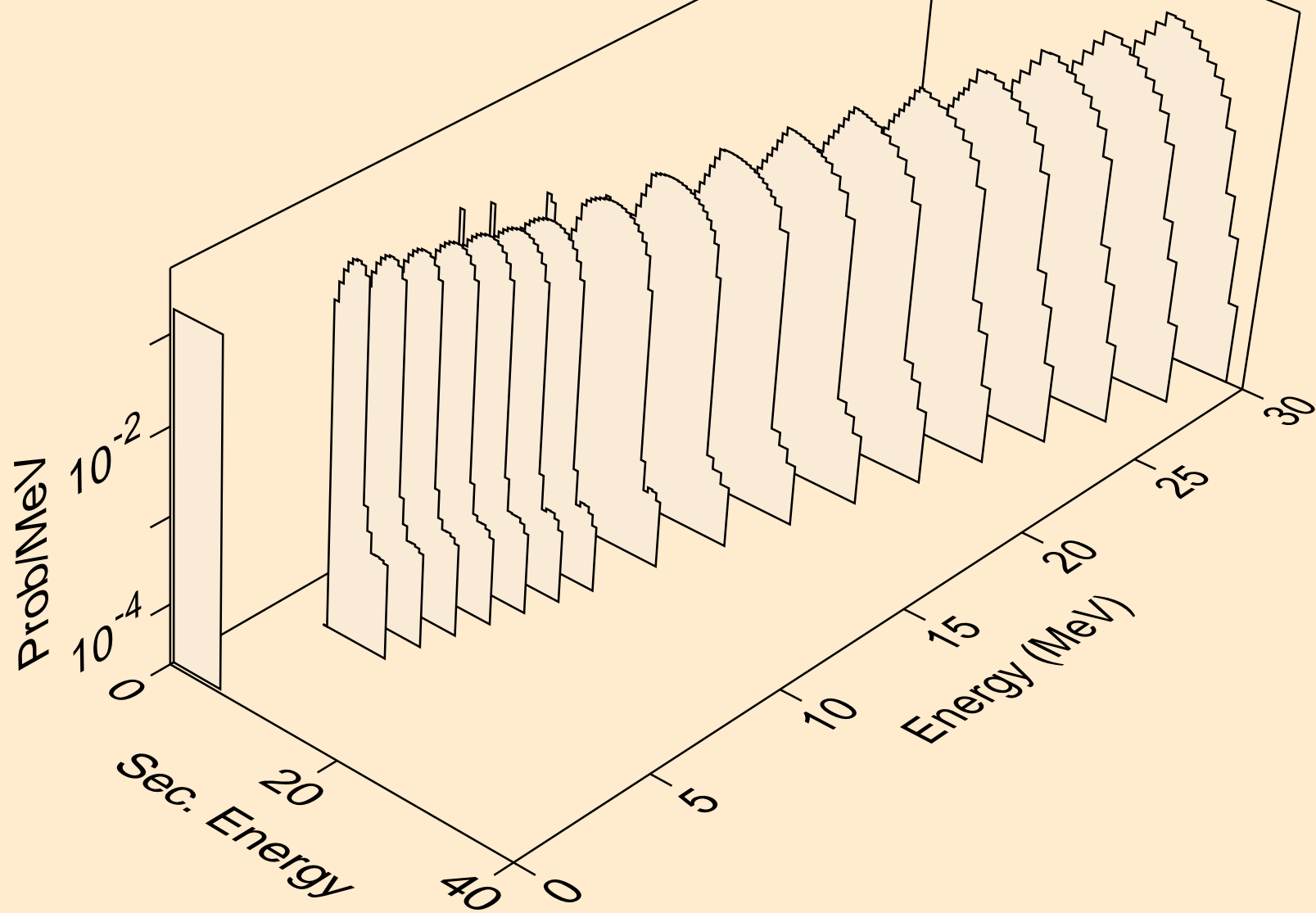
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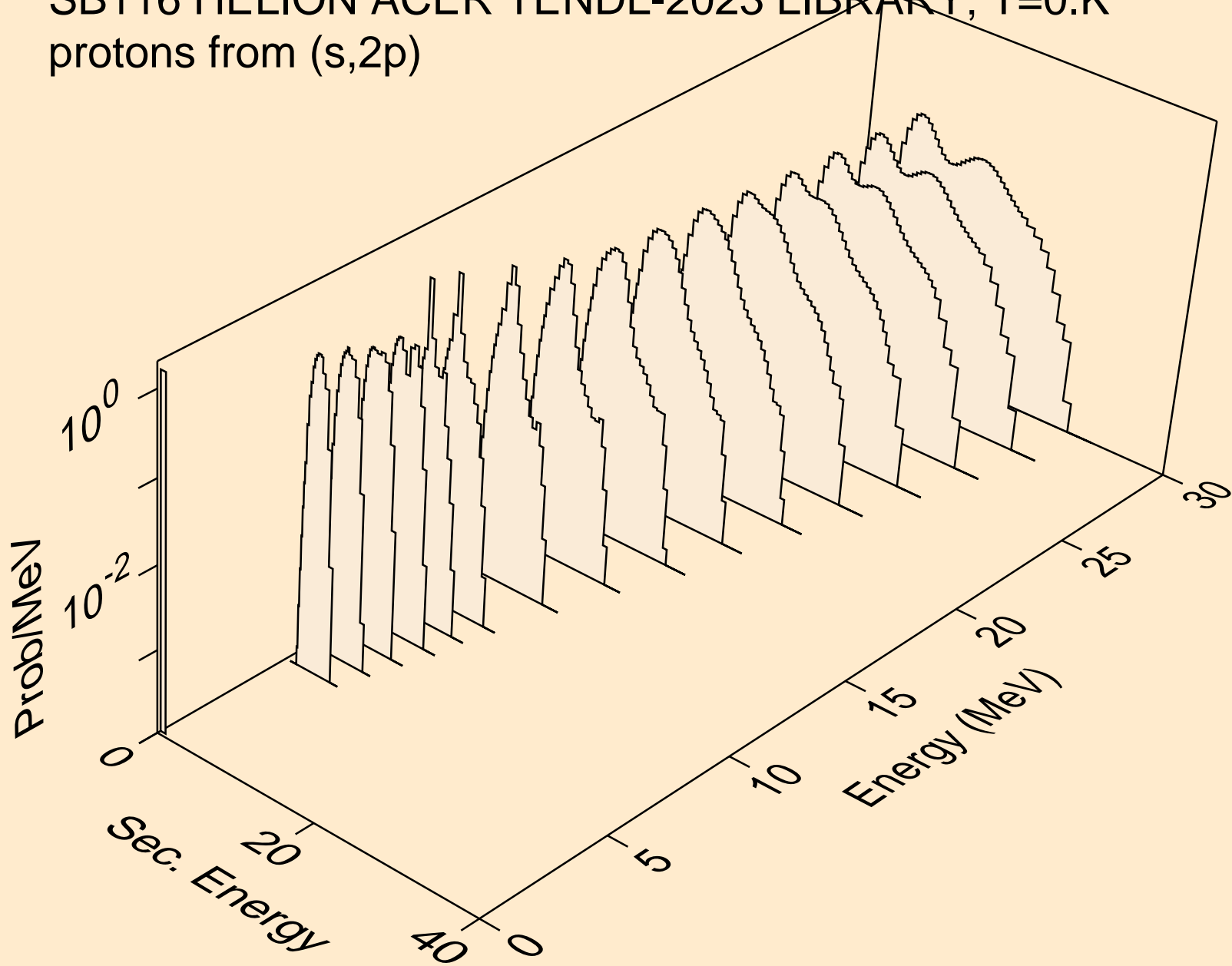
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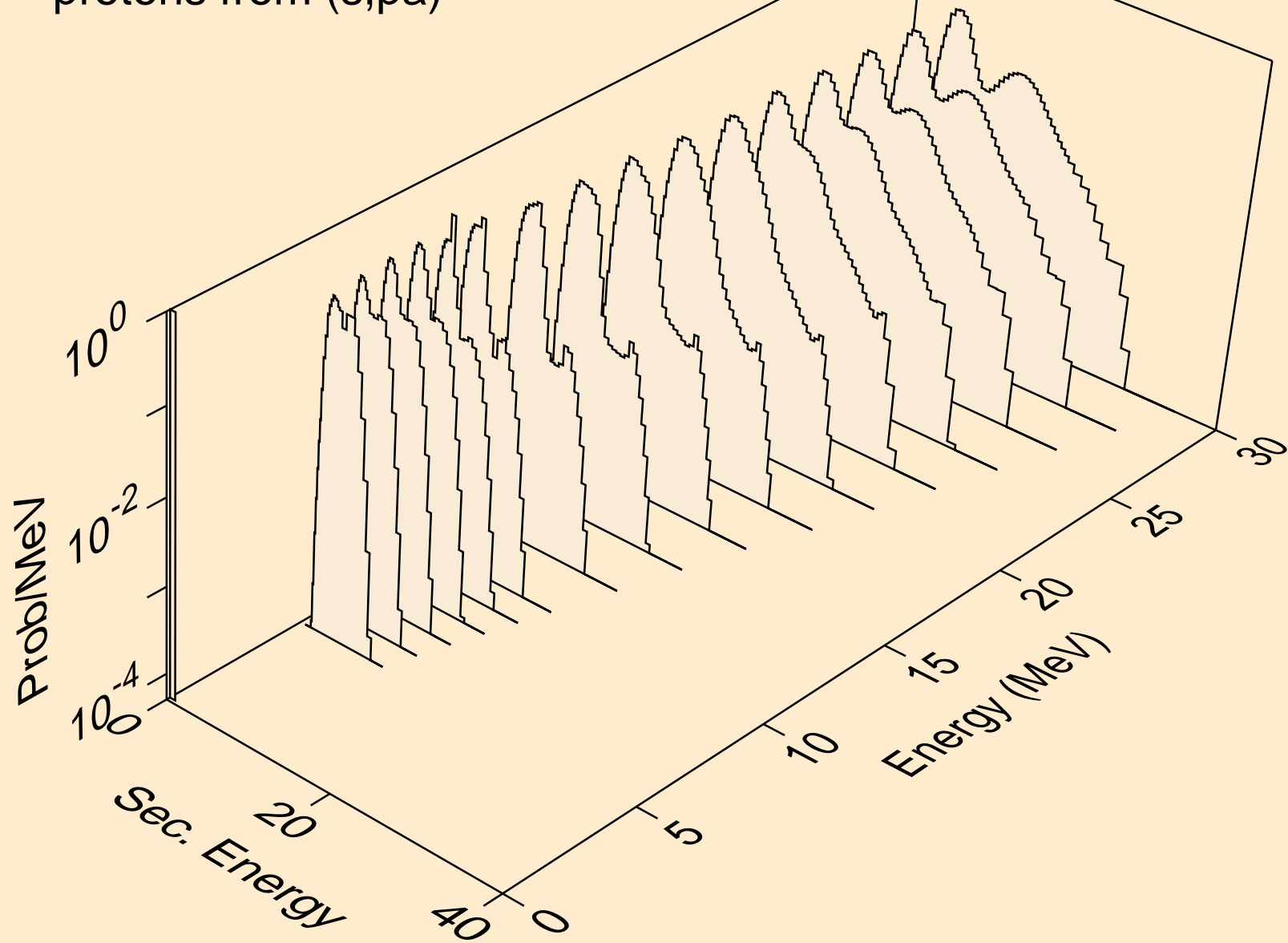
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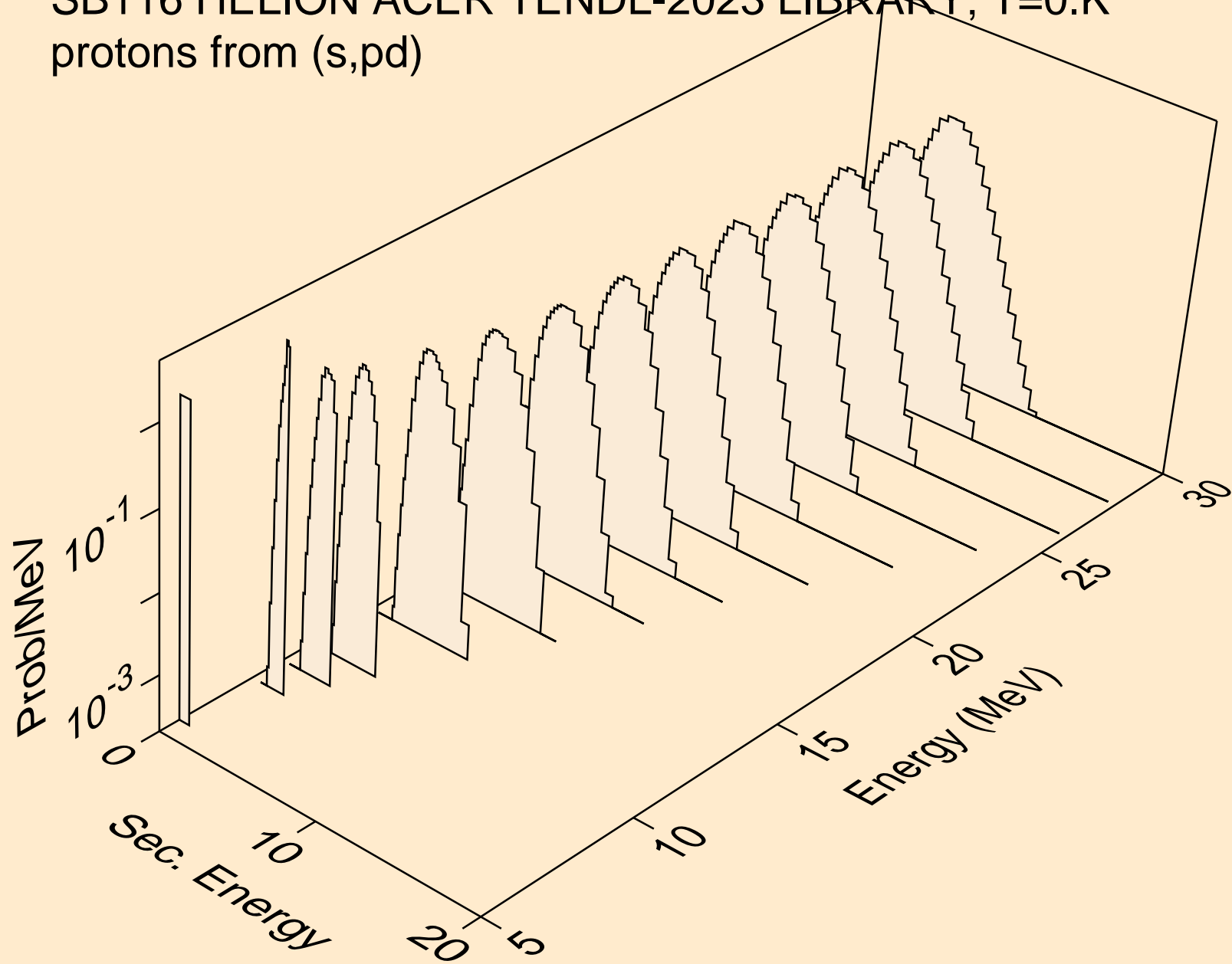
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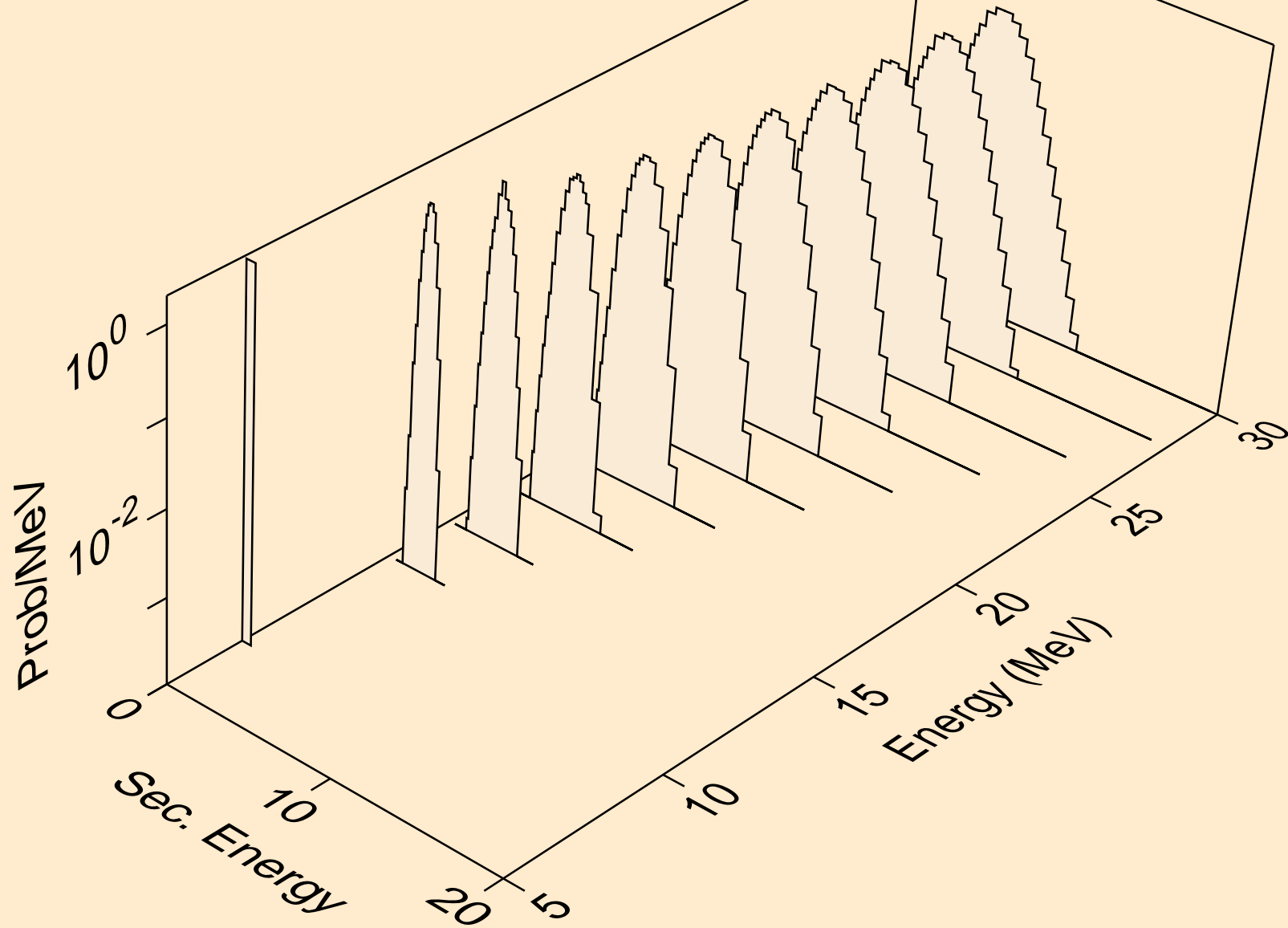
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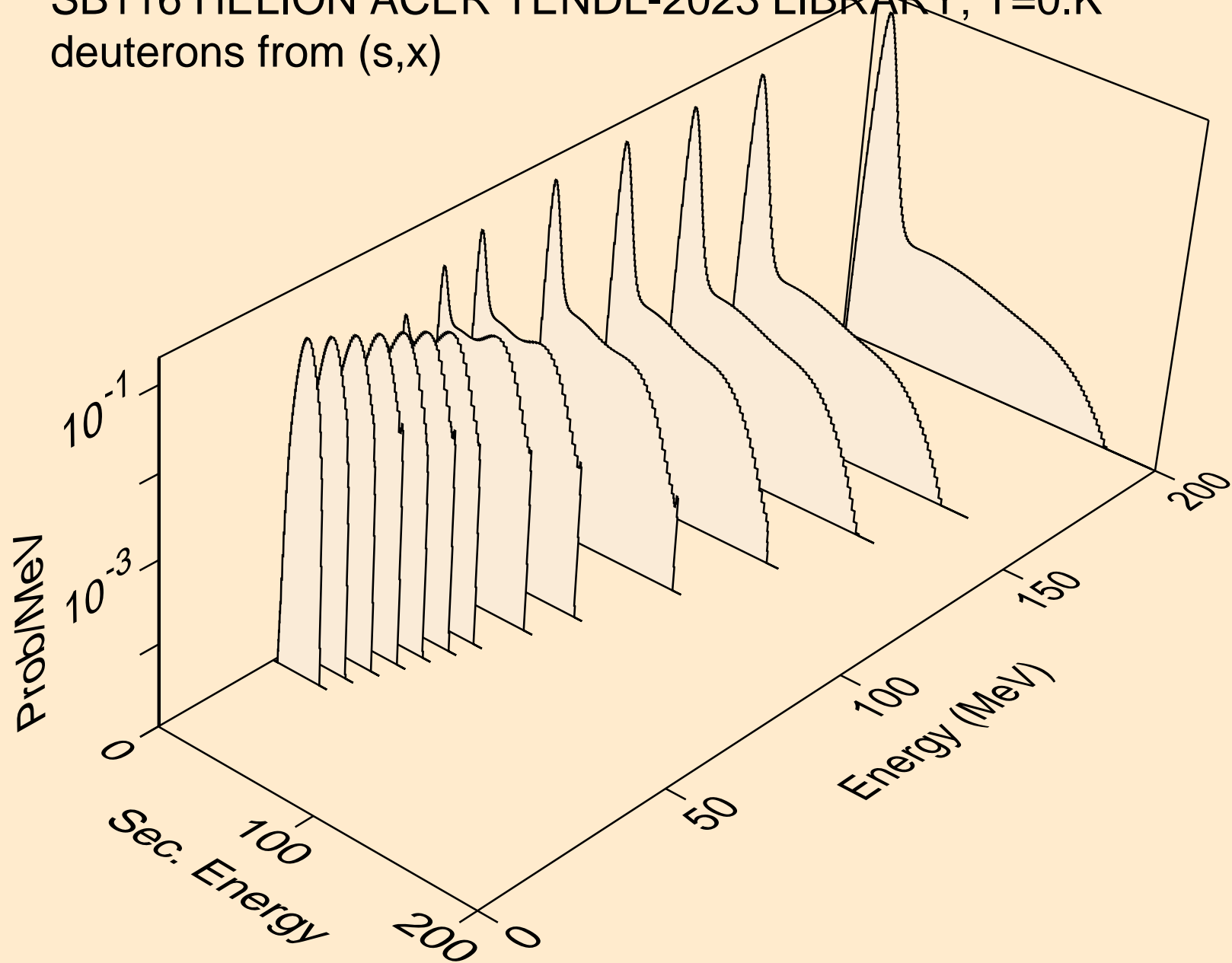
SB116 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pd)



SB116 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pt)

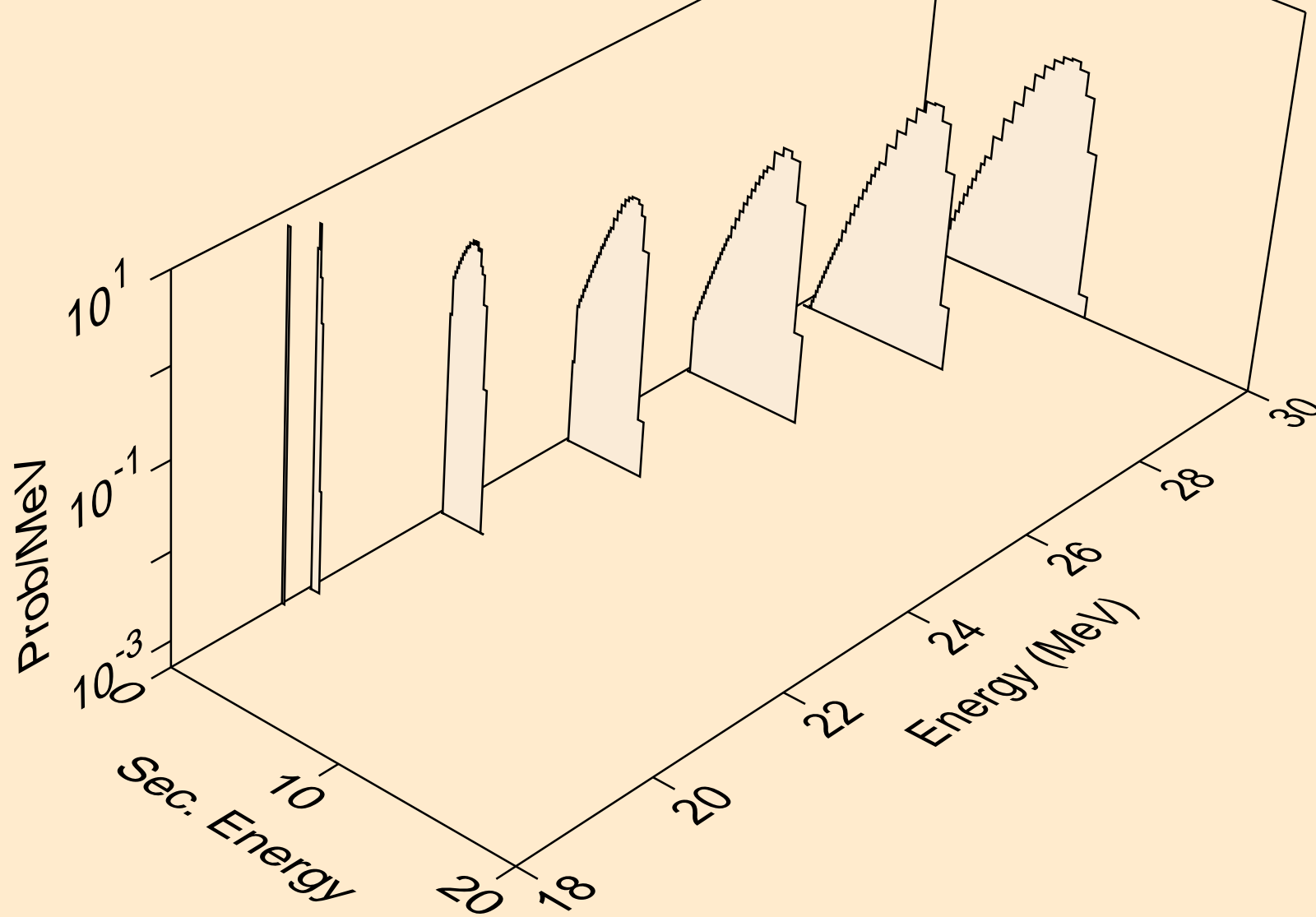


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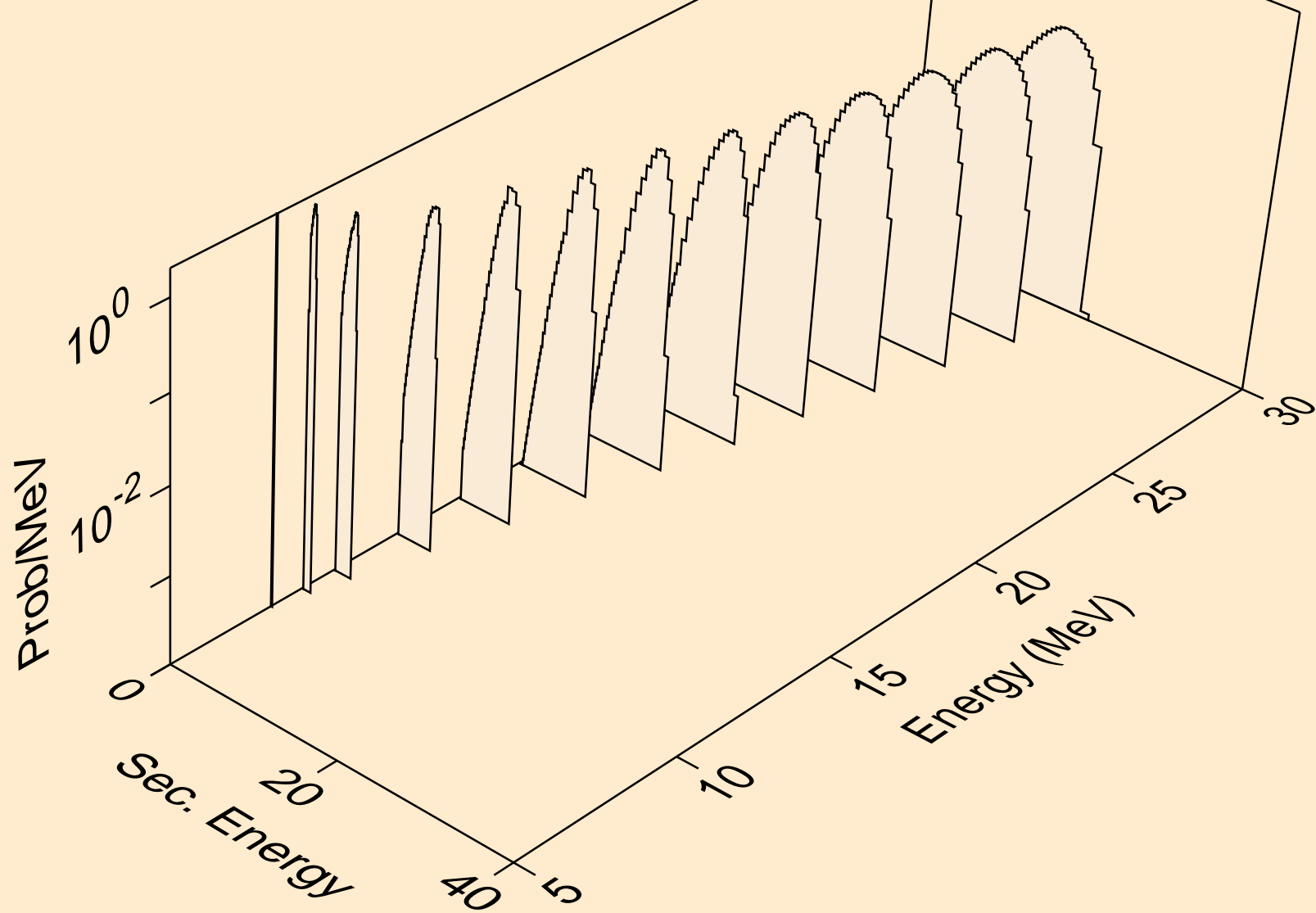




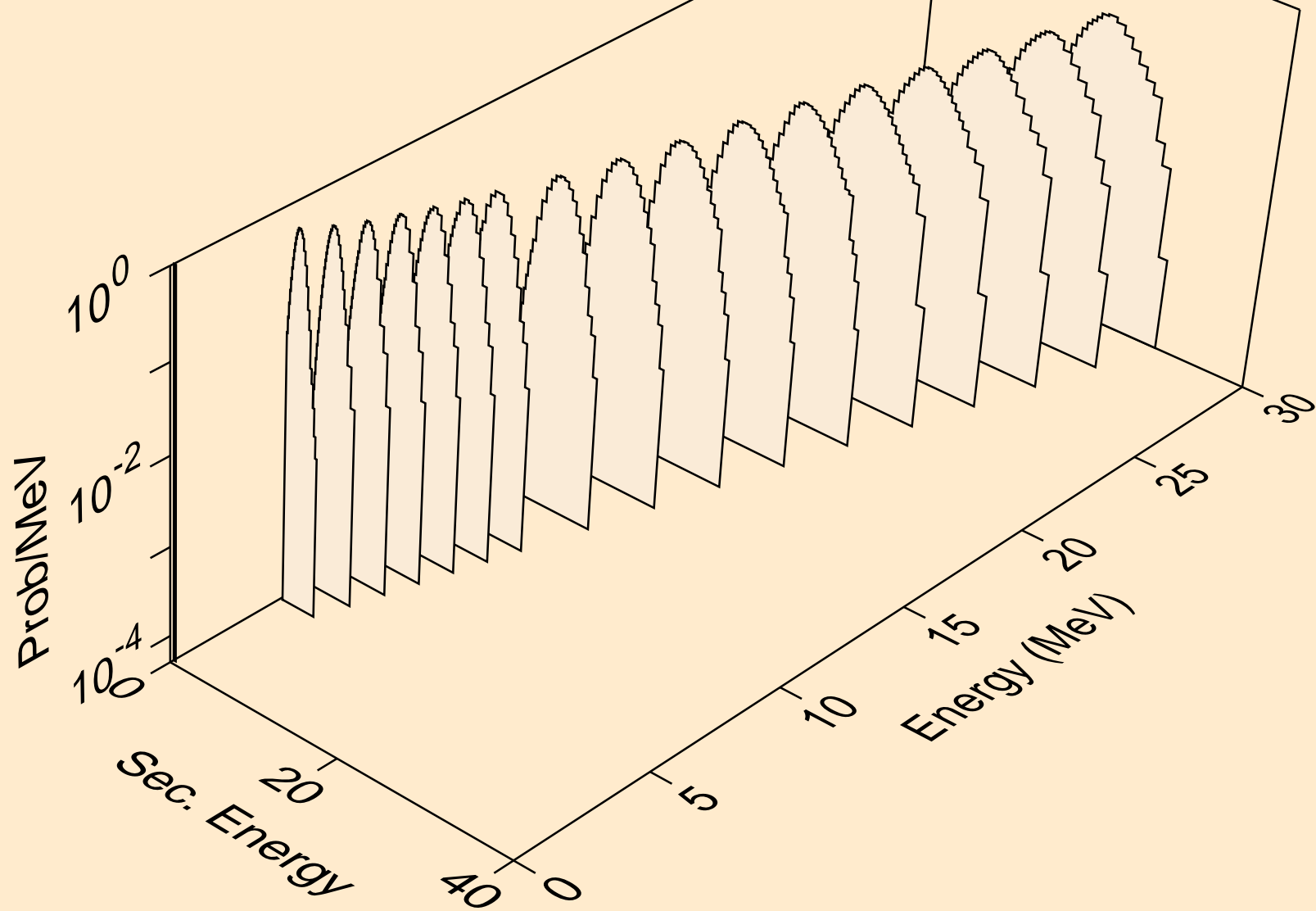
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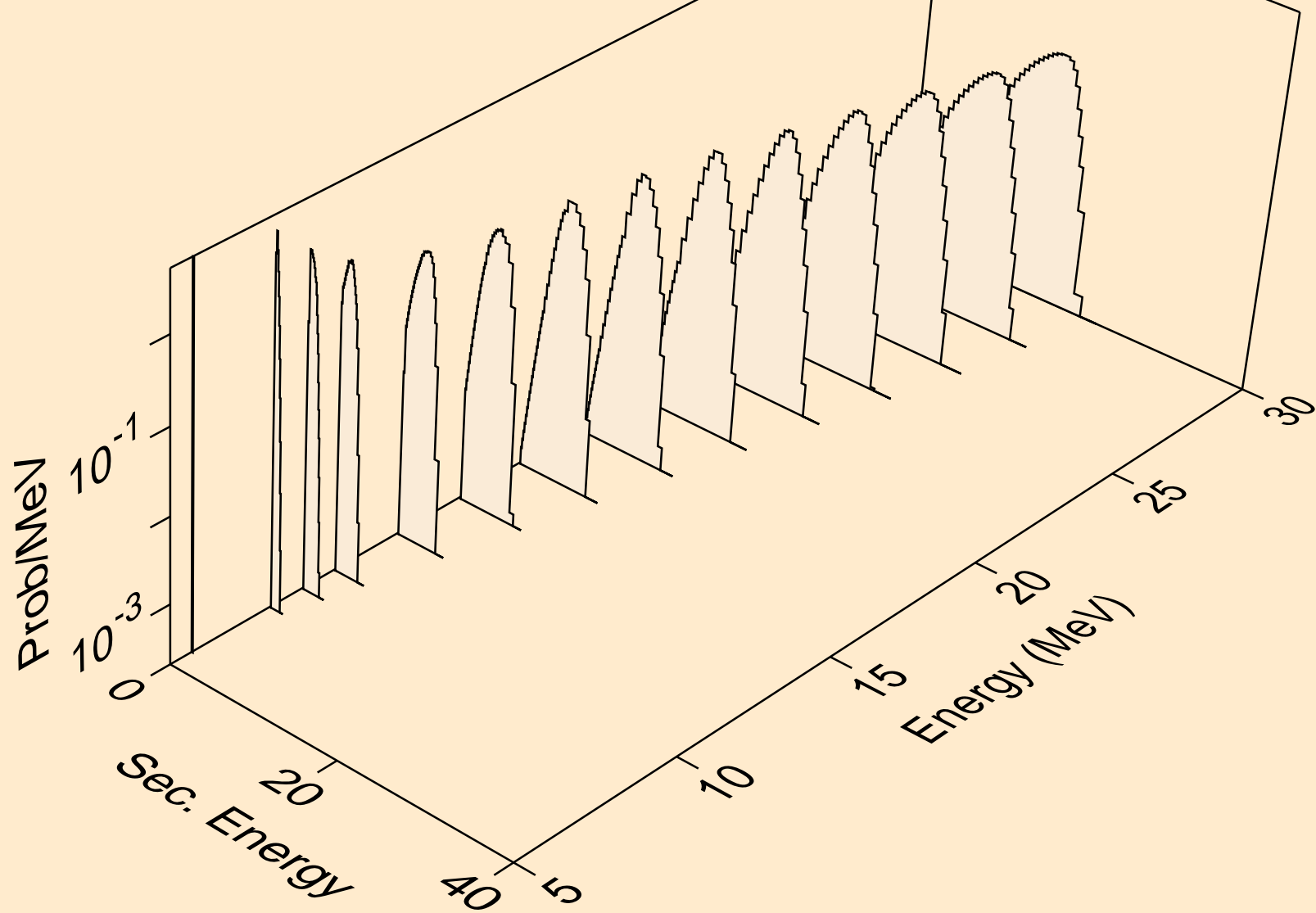
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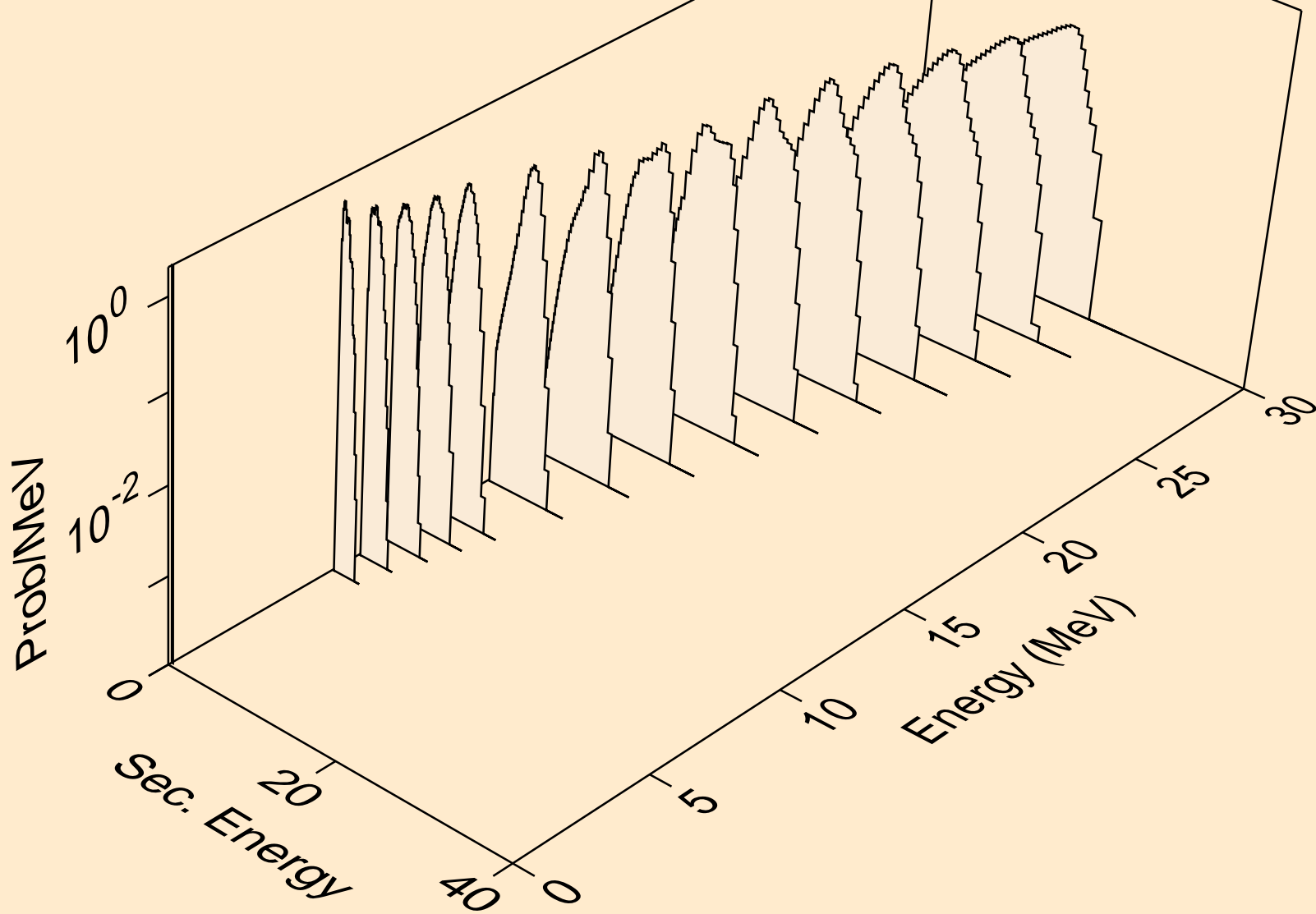
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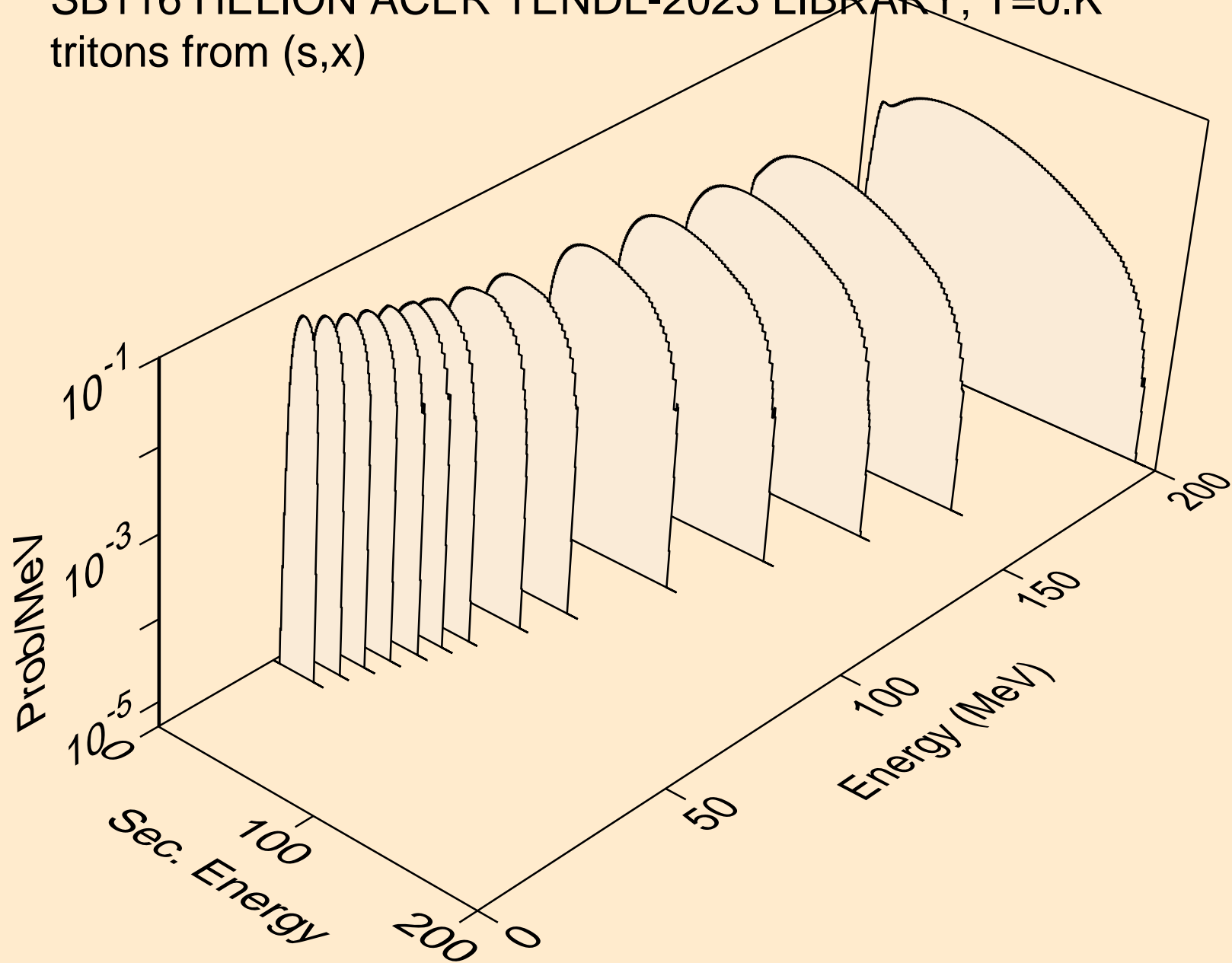
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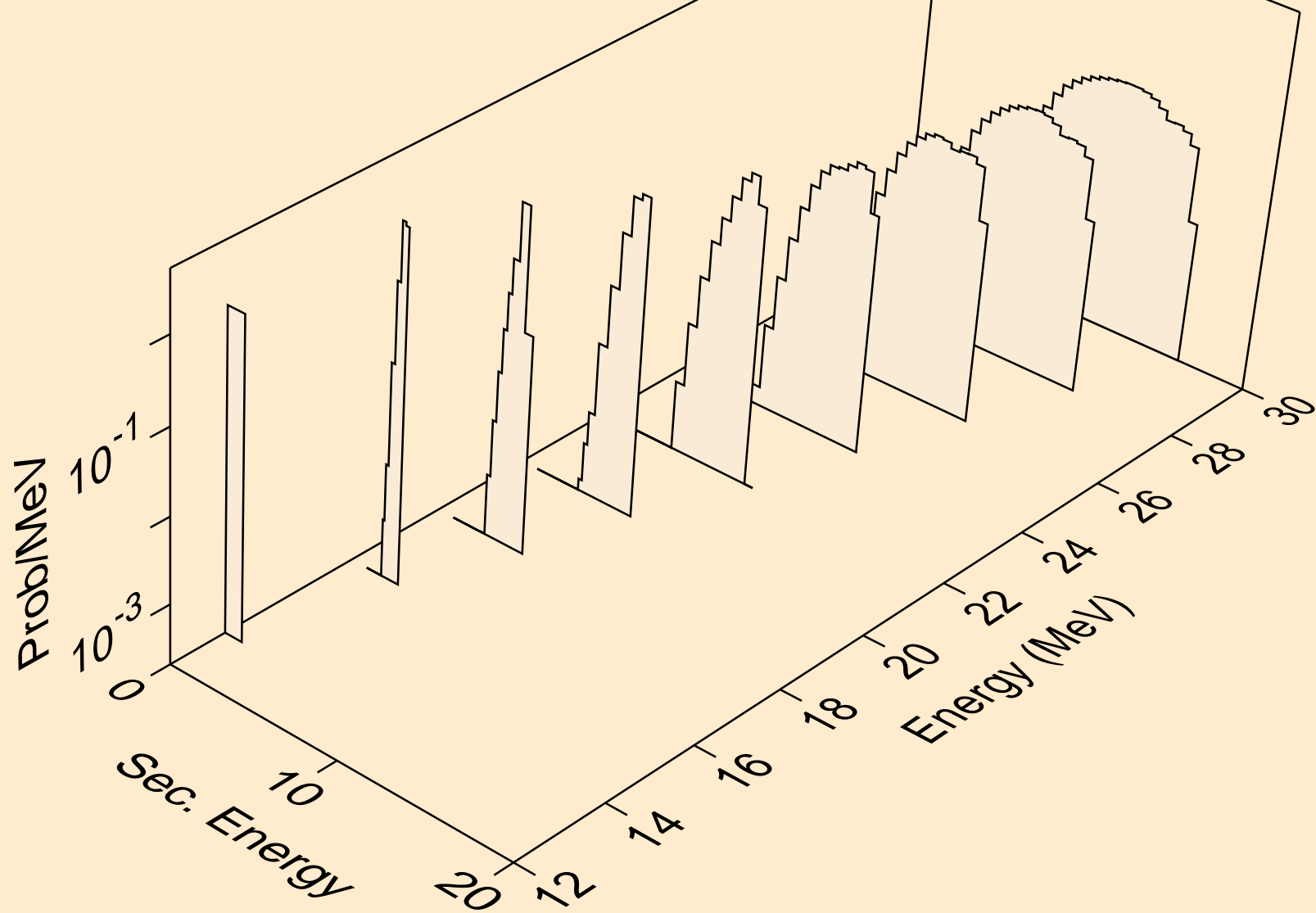
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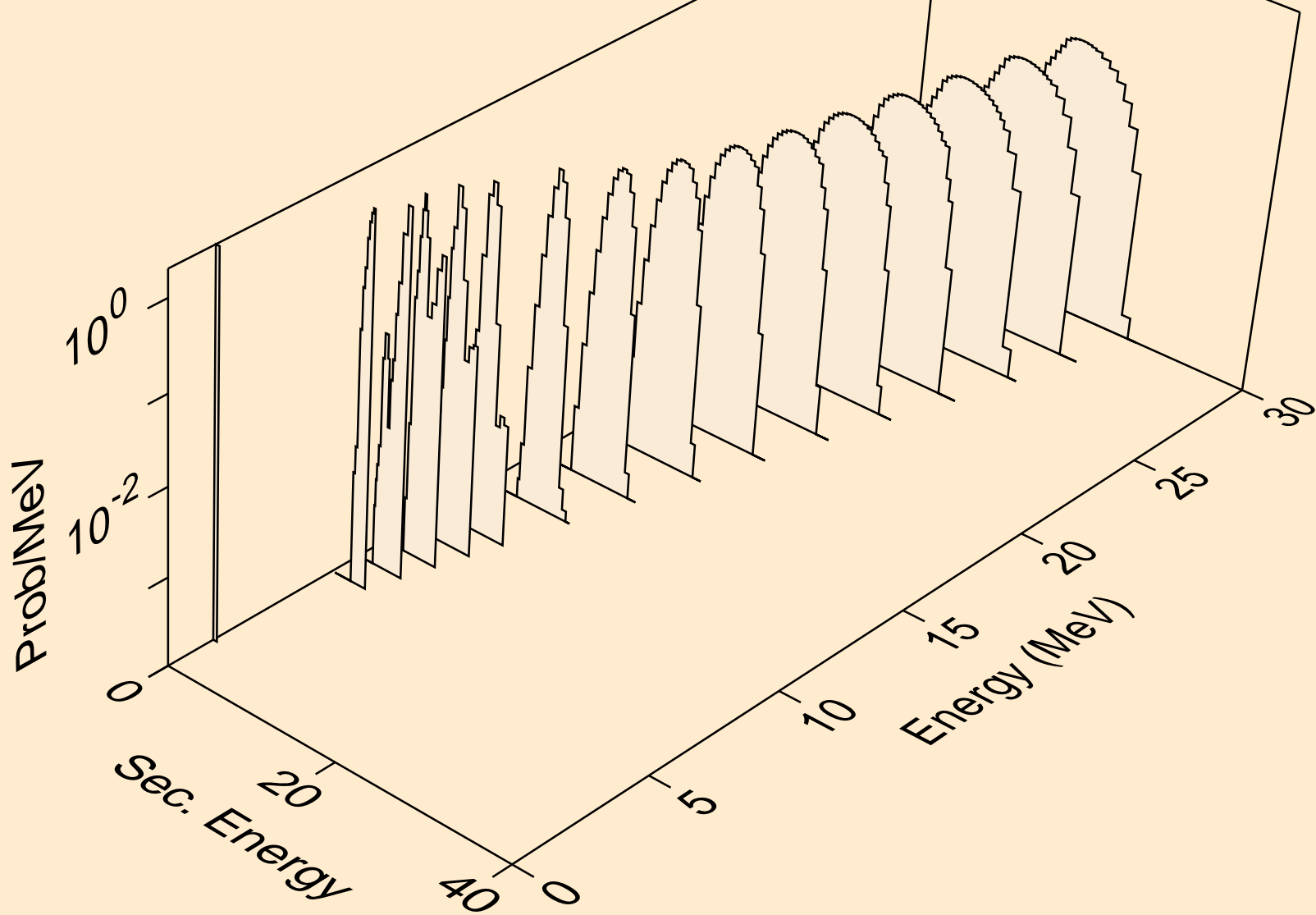
SB116 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,x)



SB116 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,n\*)t

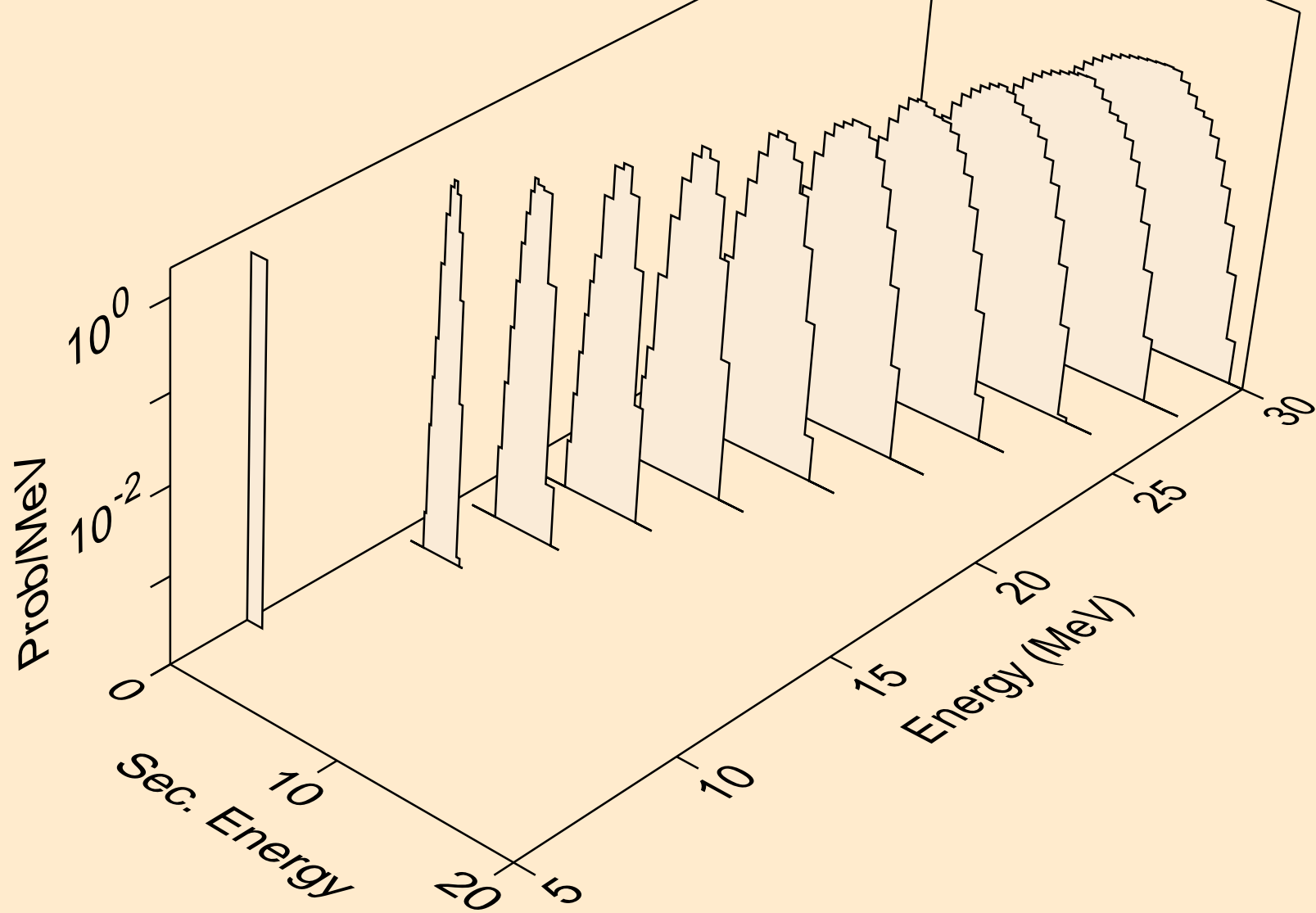


SB116 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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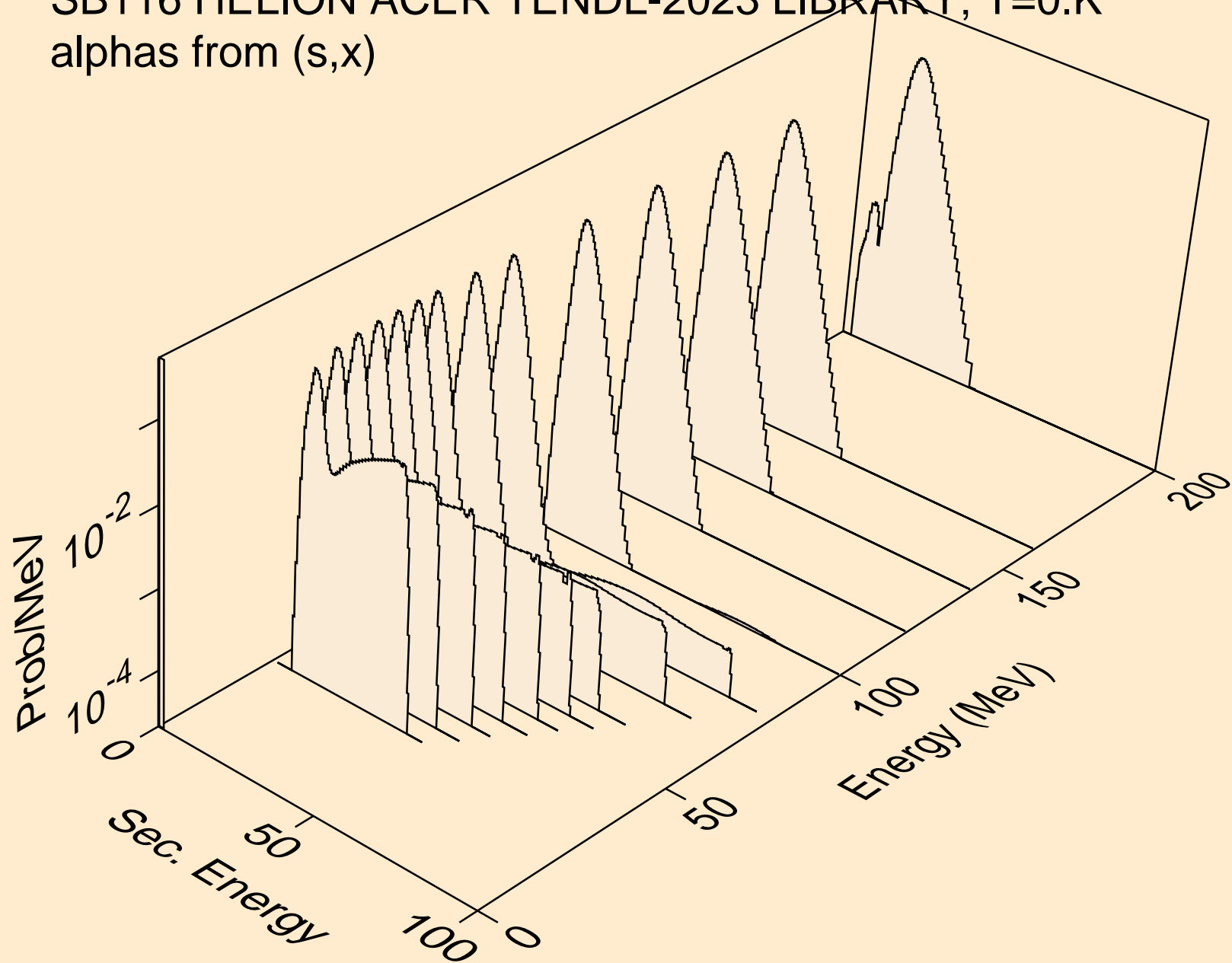




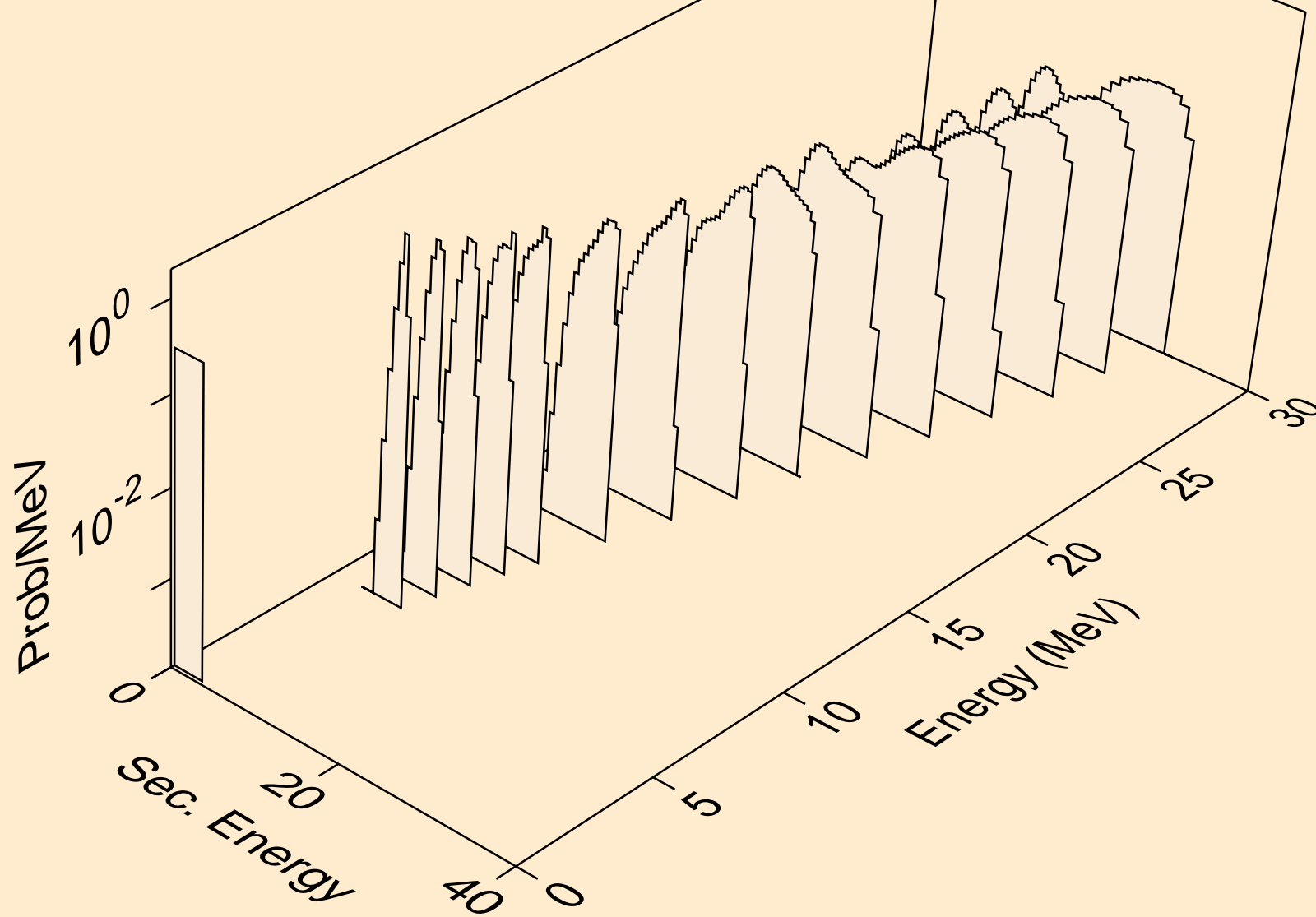
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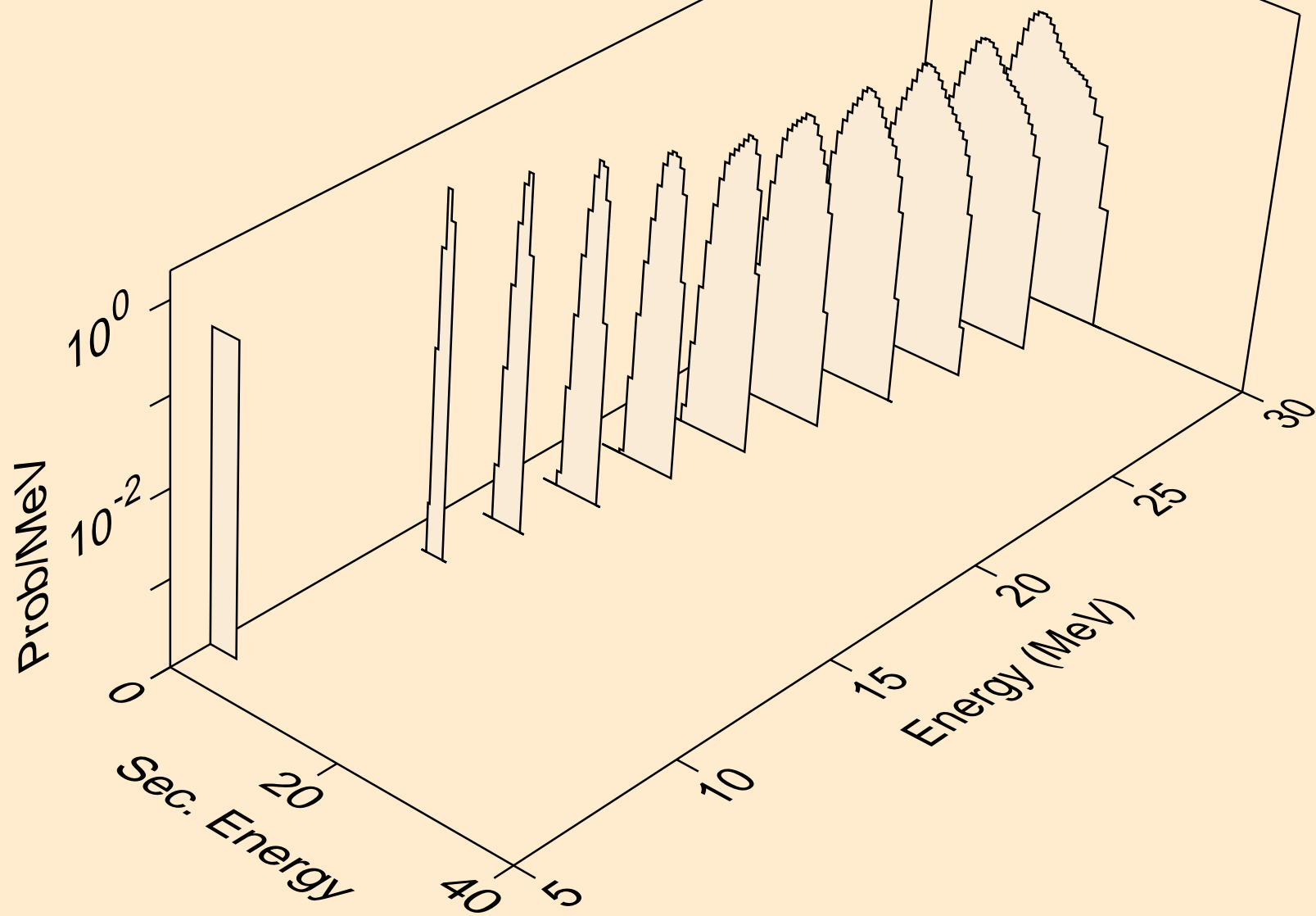
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alphas from (s,x)



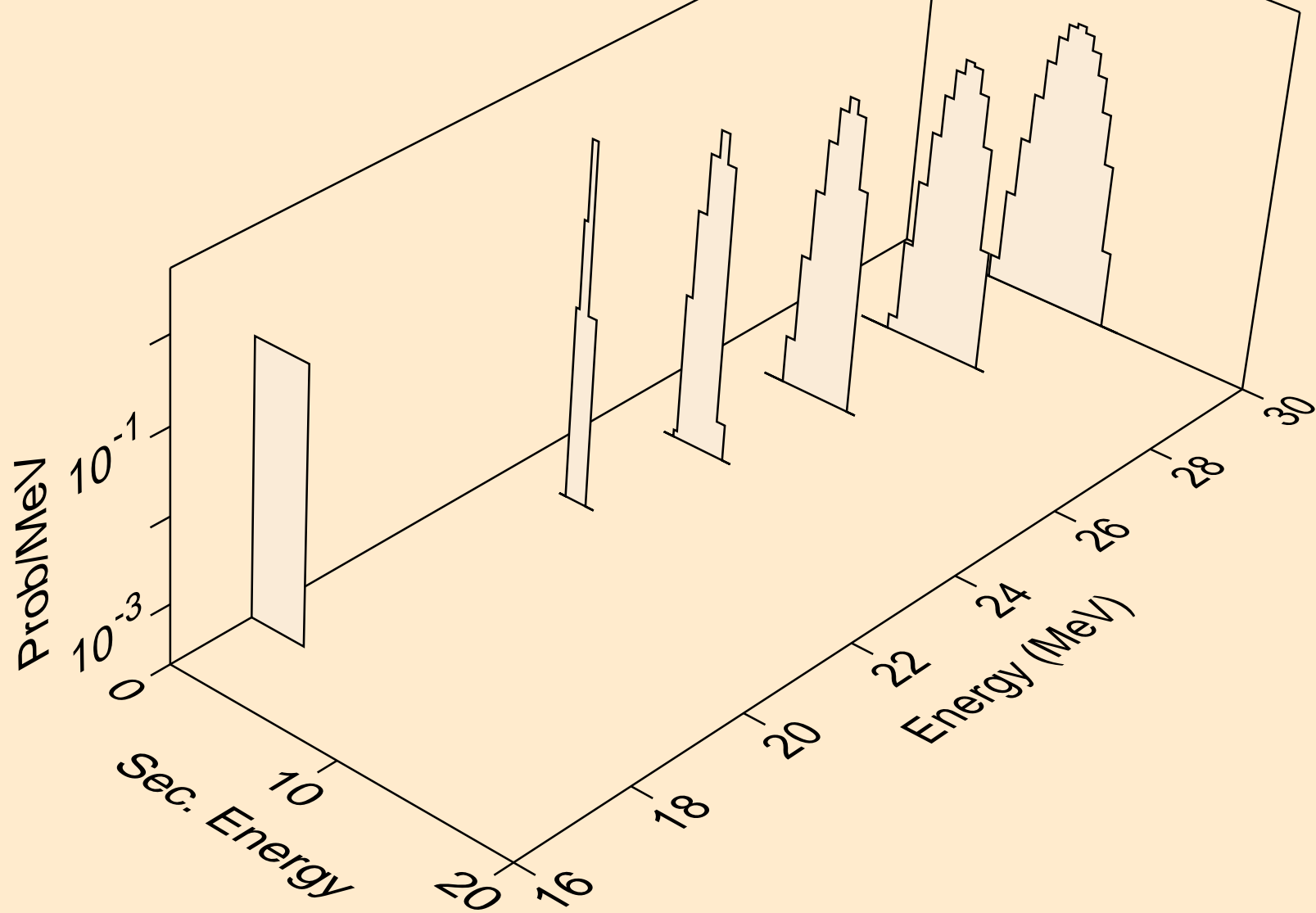
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alphas from (s,n\*)a



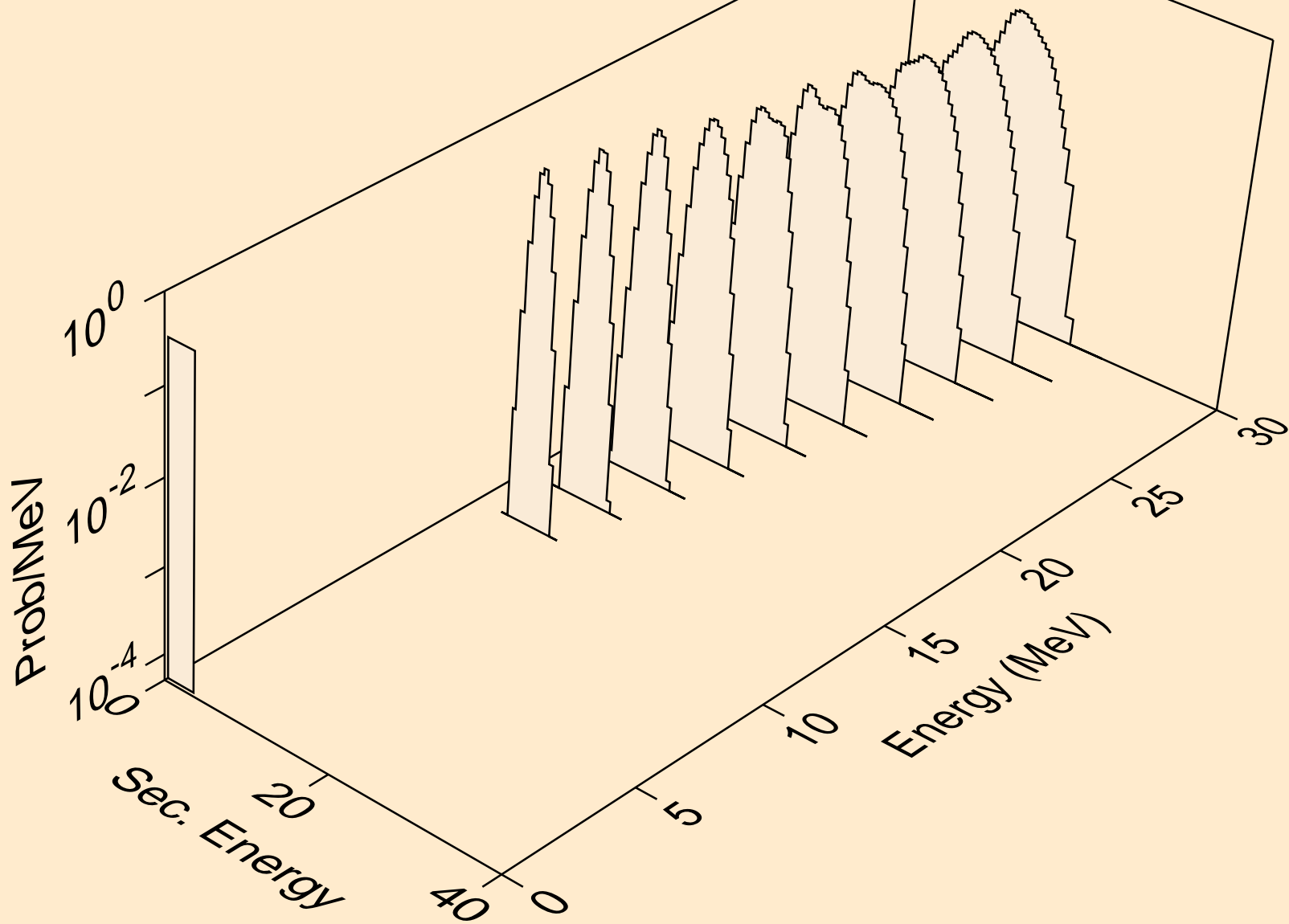
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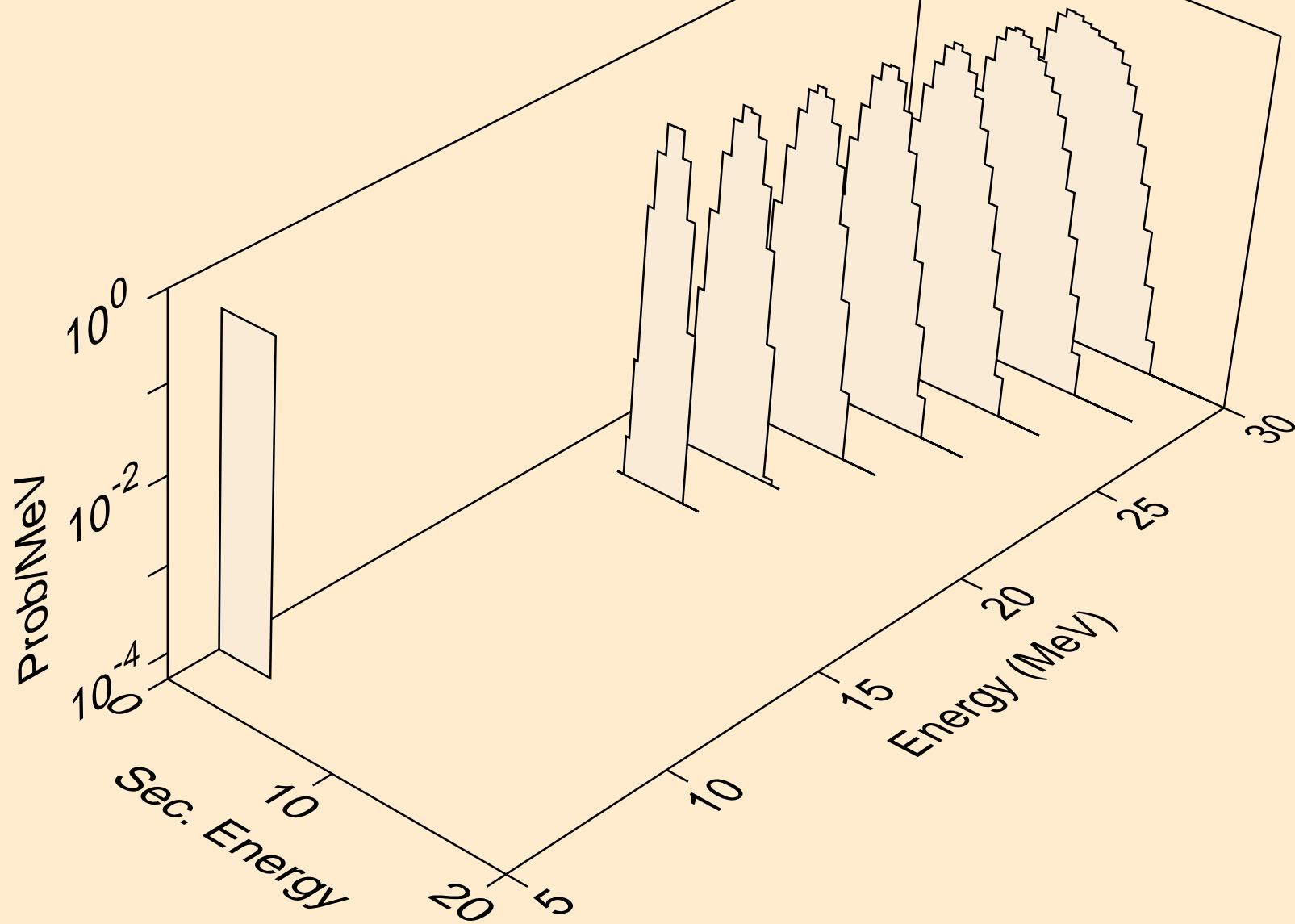
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alphas from (s,3n)a



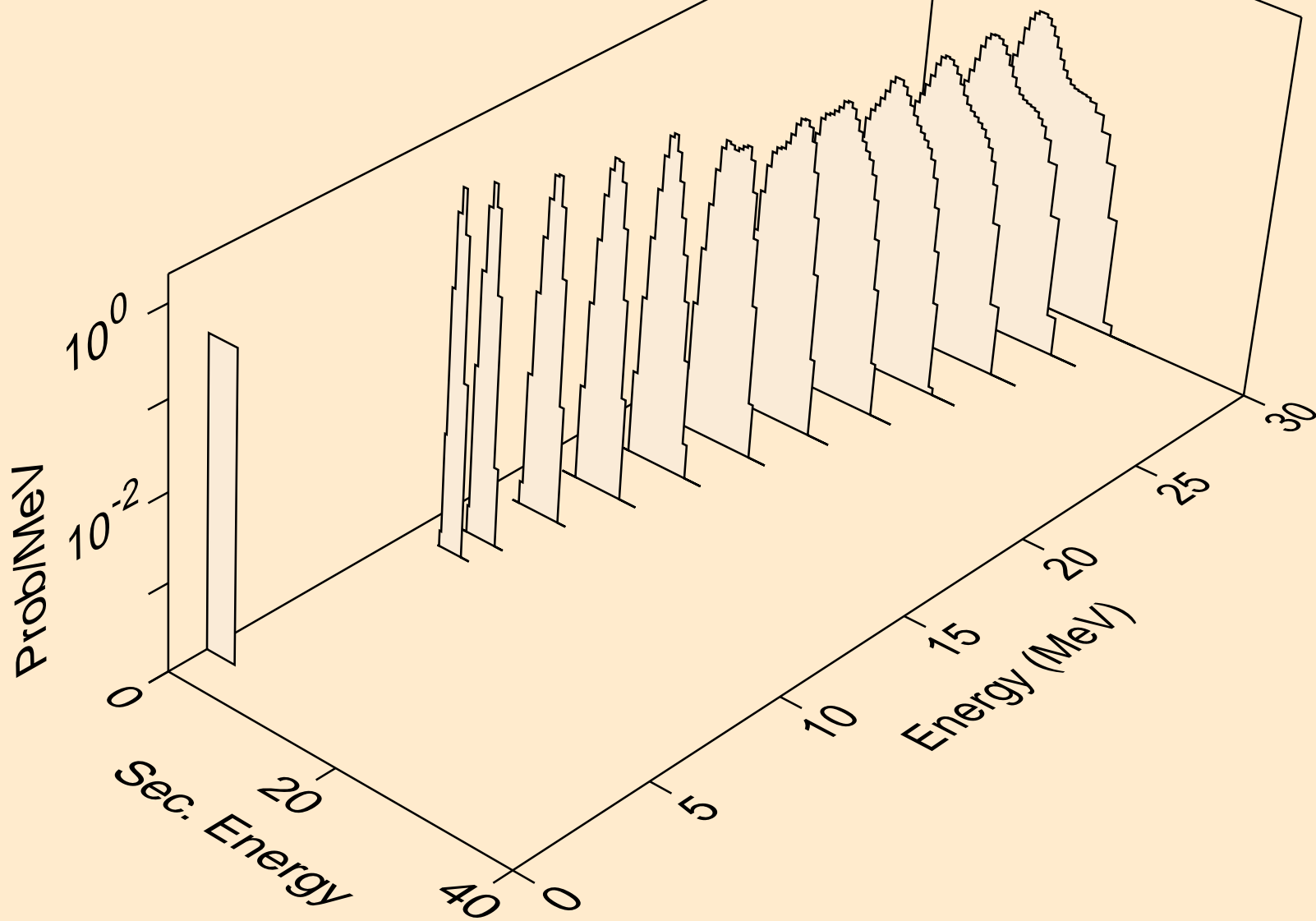
SB116 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)2a



SB116 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2n)2a

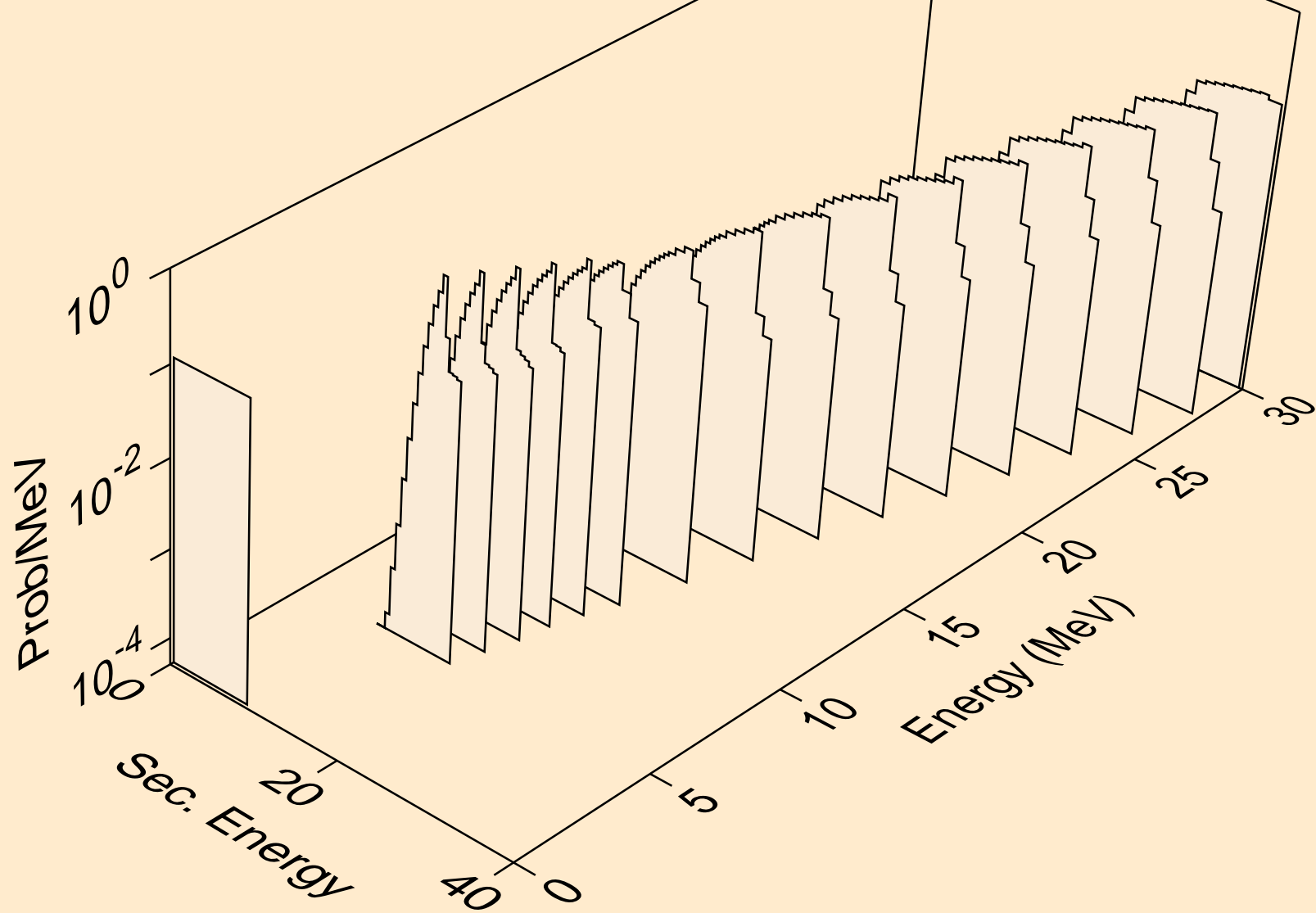


SB116 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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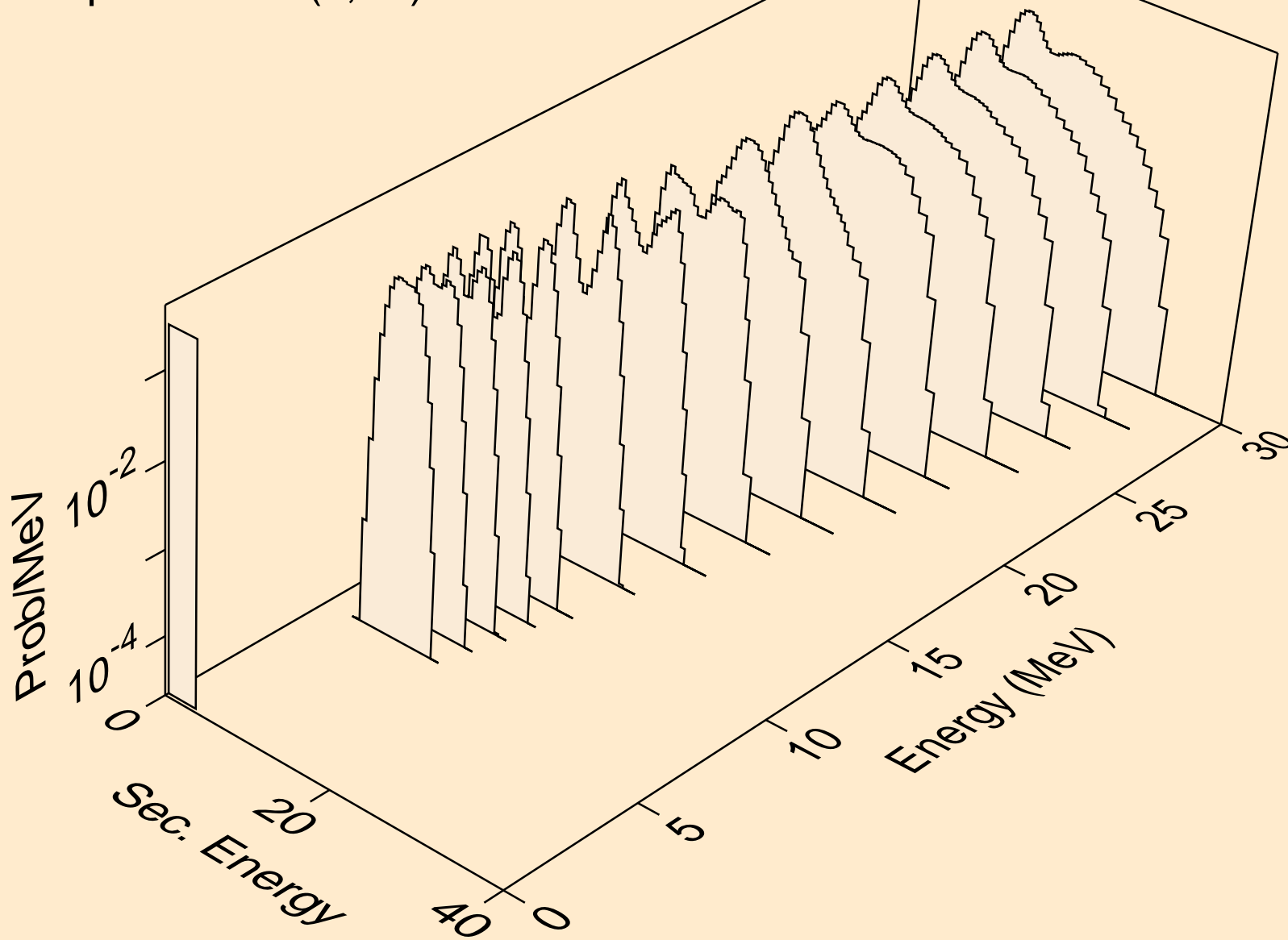




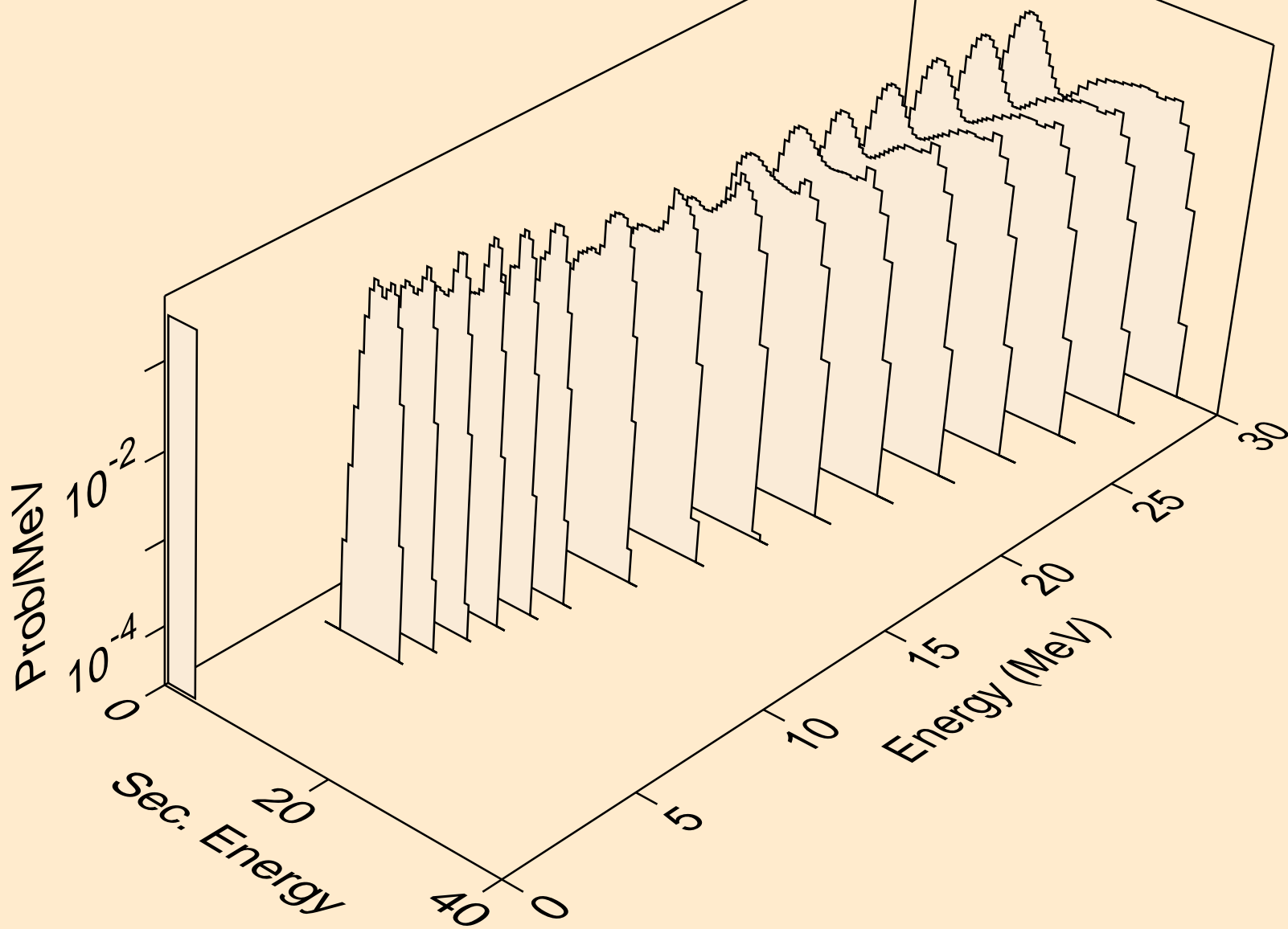
SB116 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,a)



SB116 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2a)



SB116 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,pa)



SB116 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,da)

