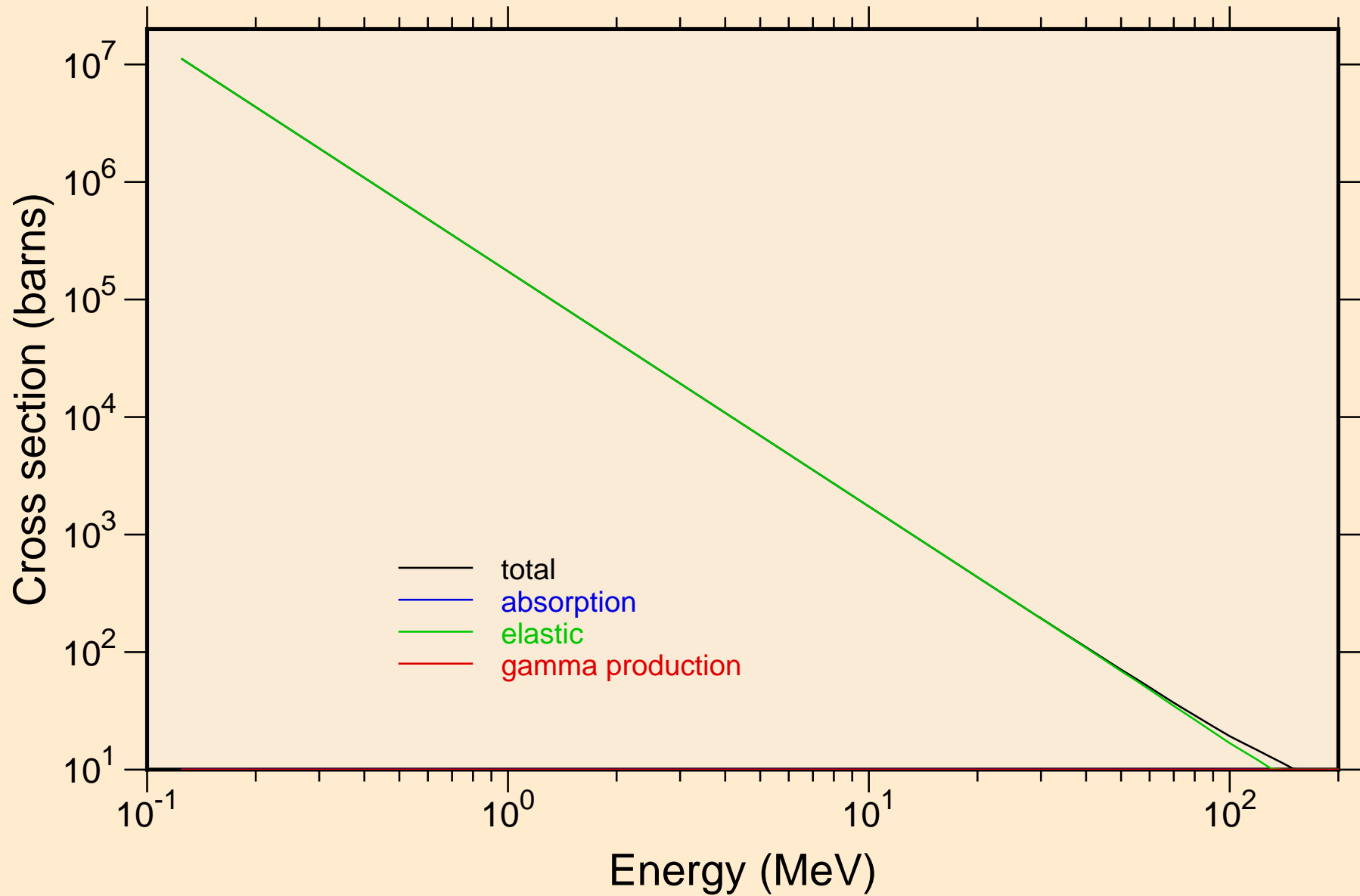
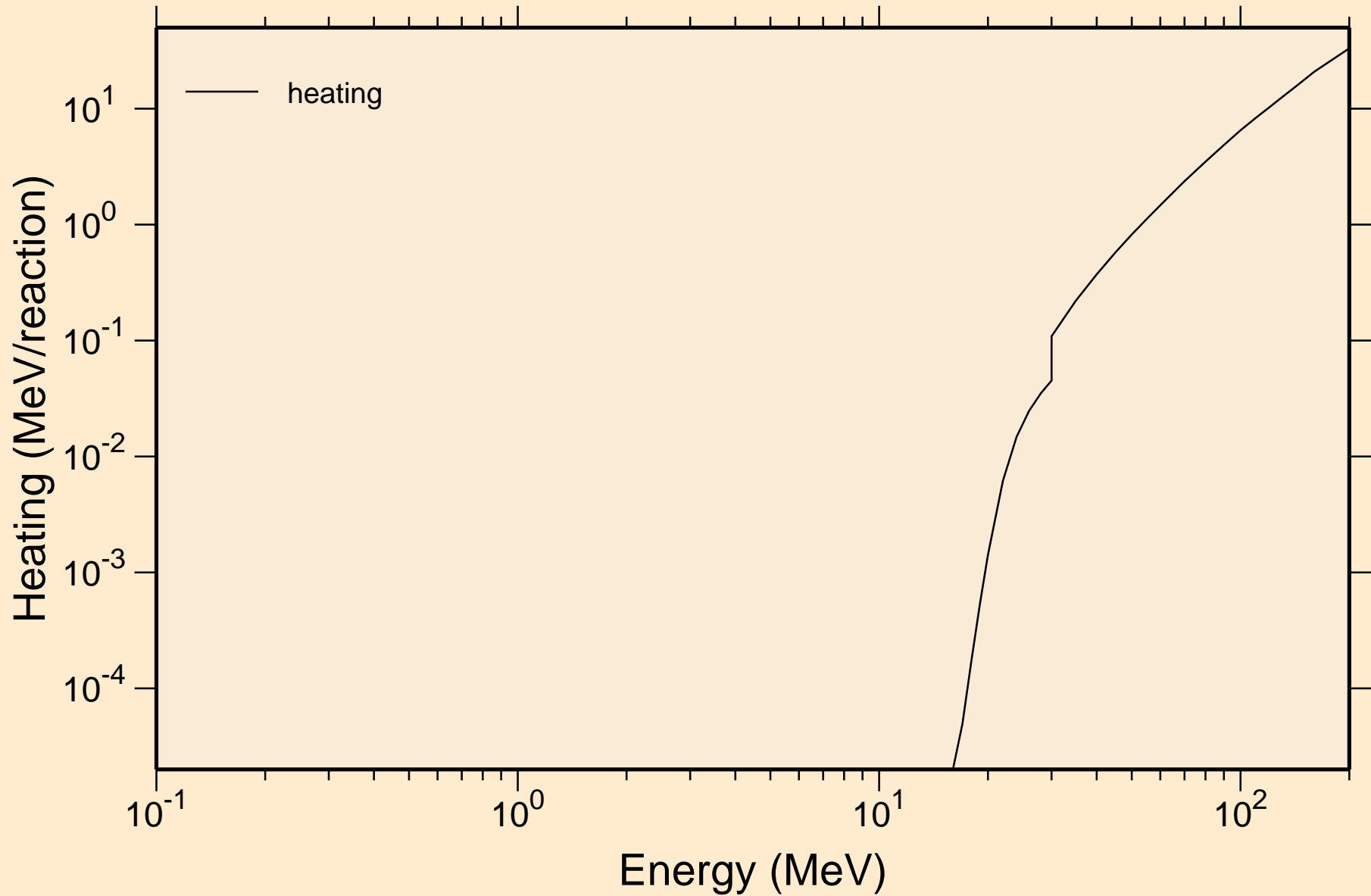


BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



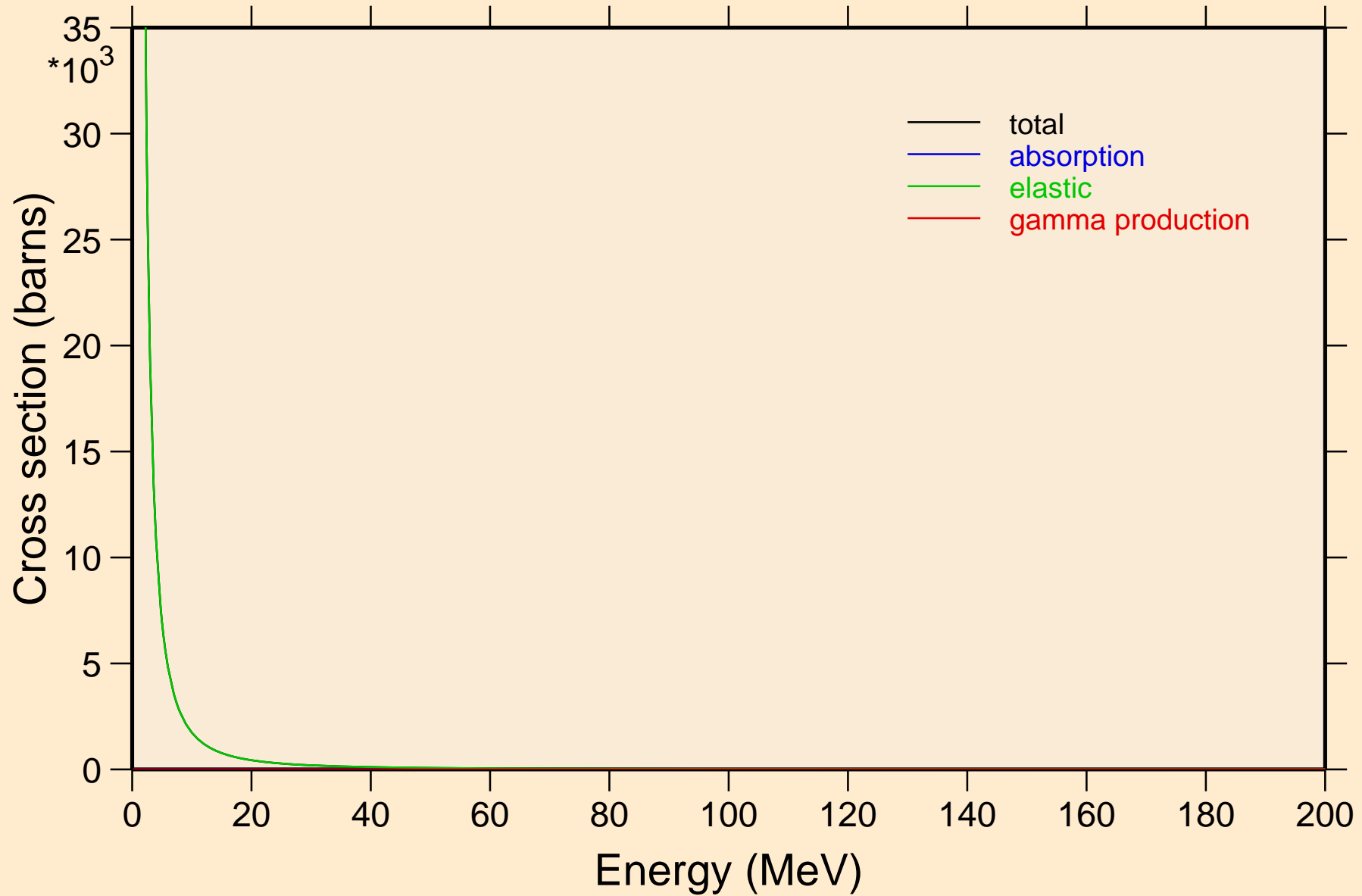
# BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Heating



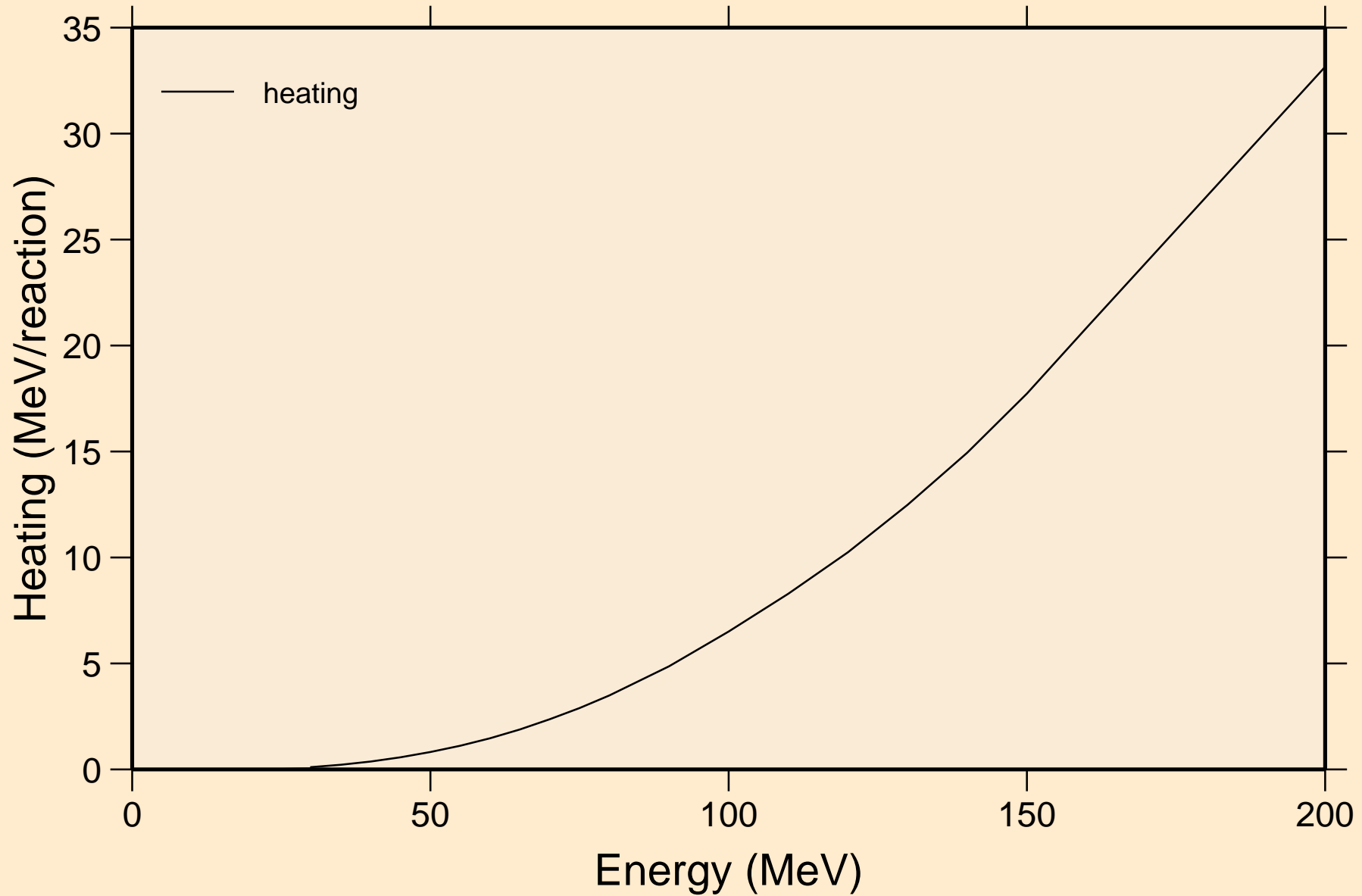
# BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

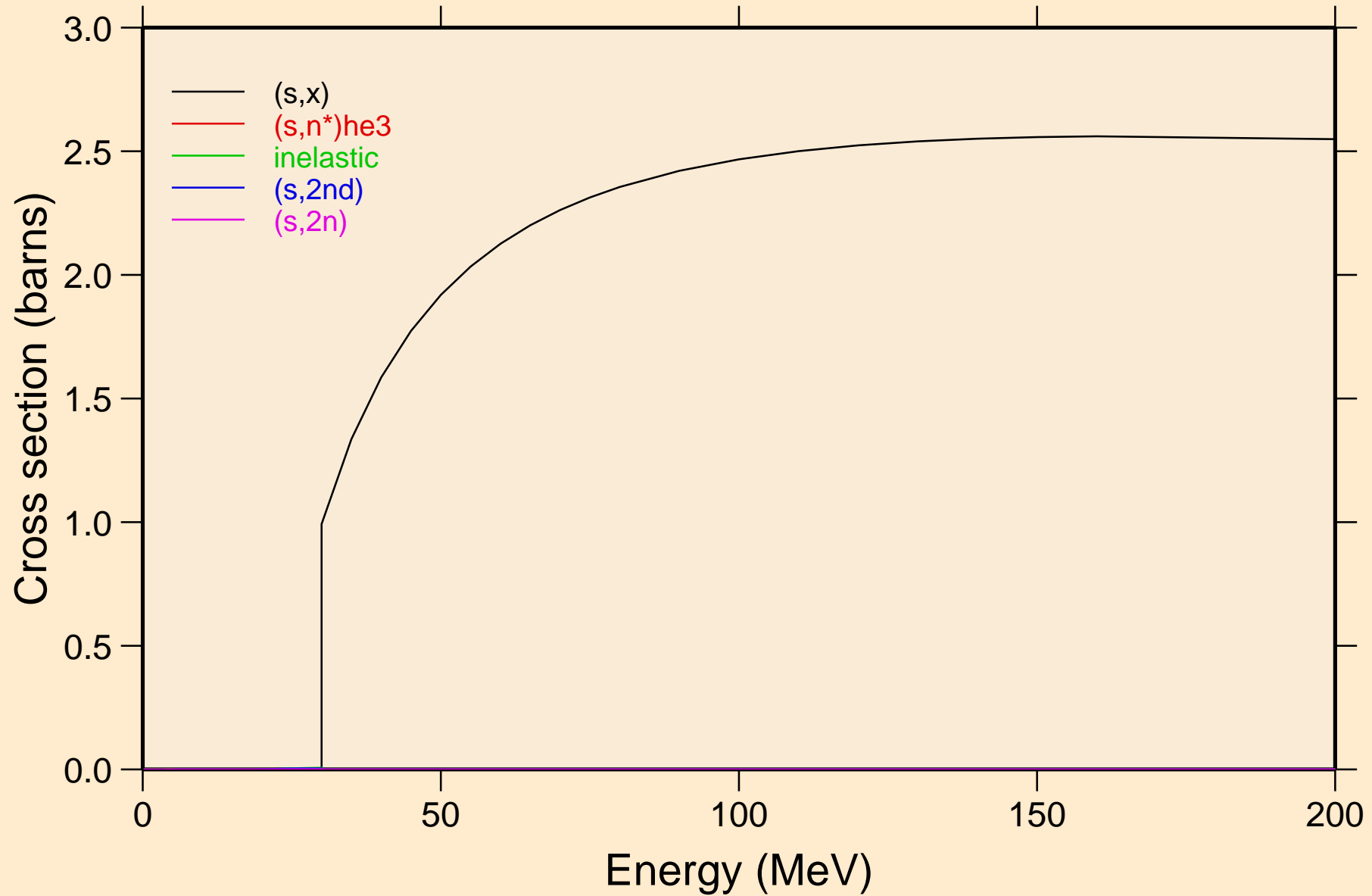


BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K

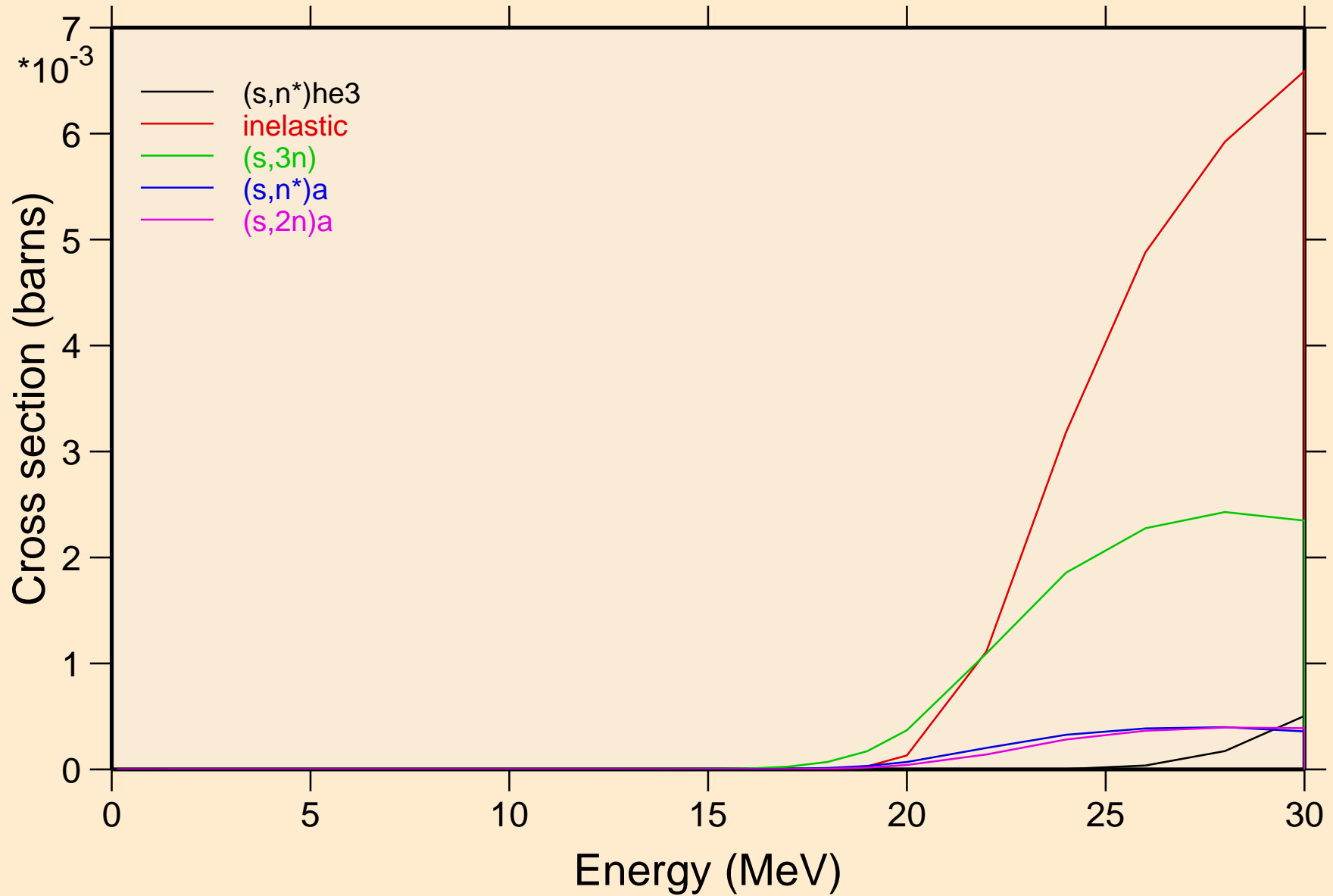
Heating



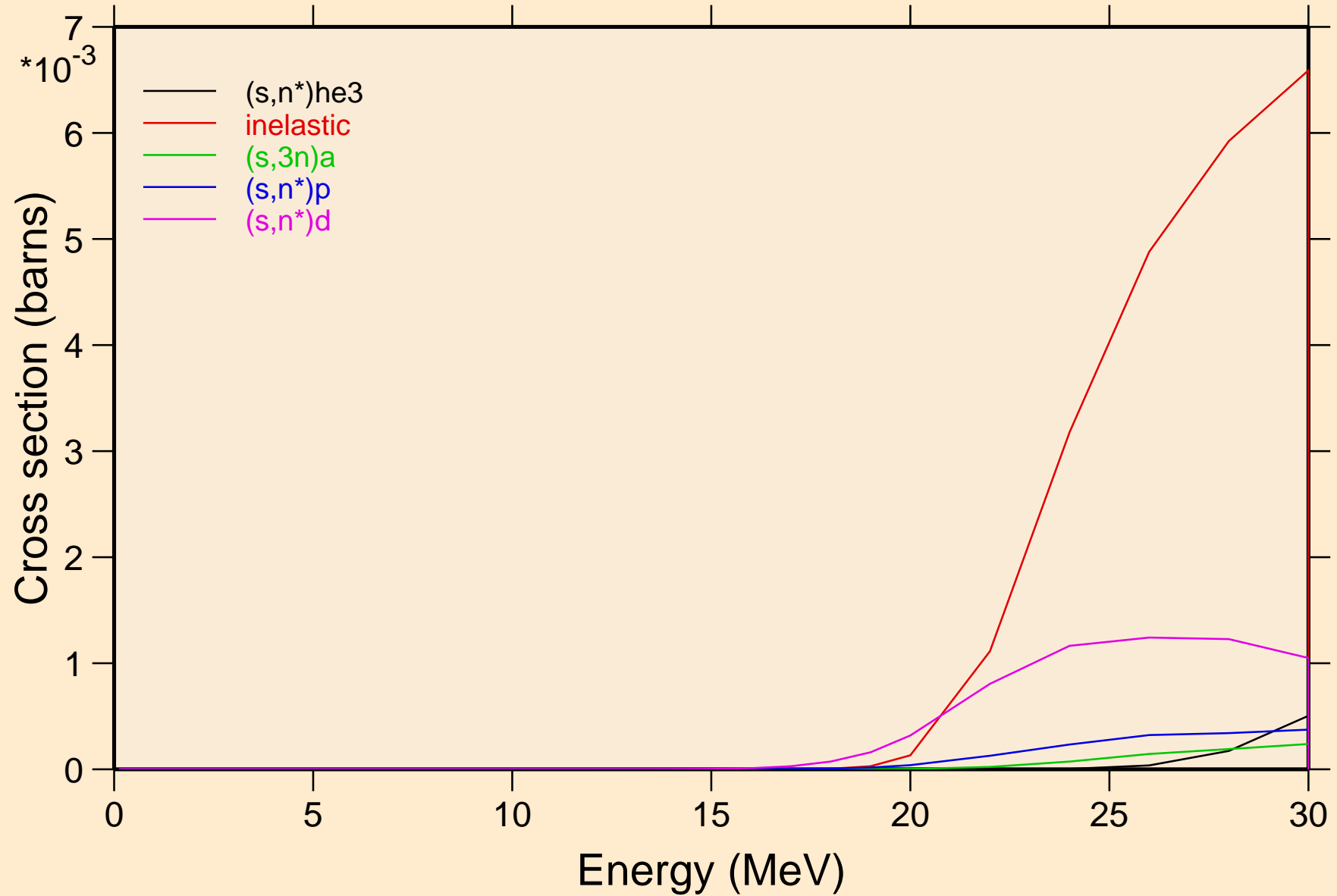
BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



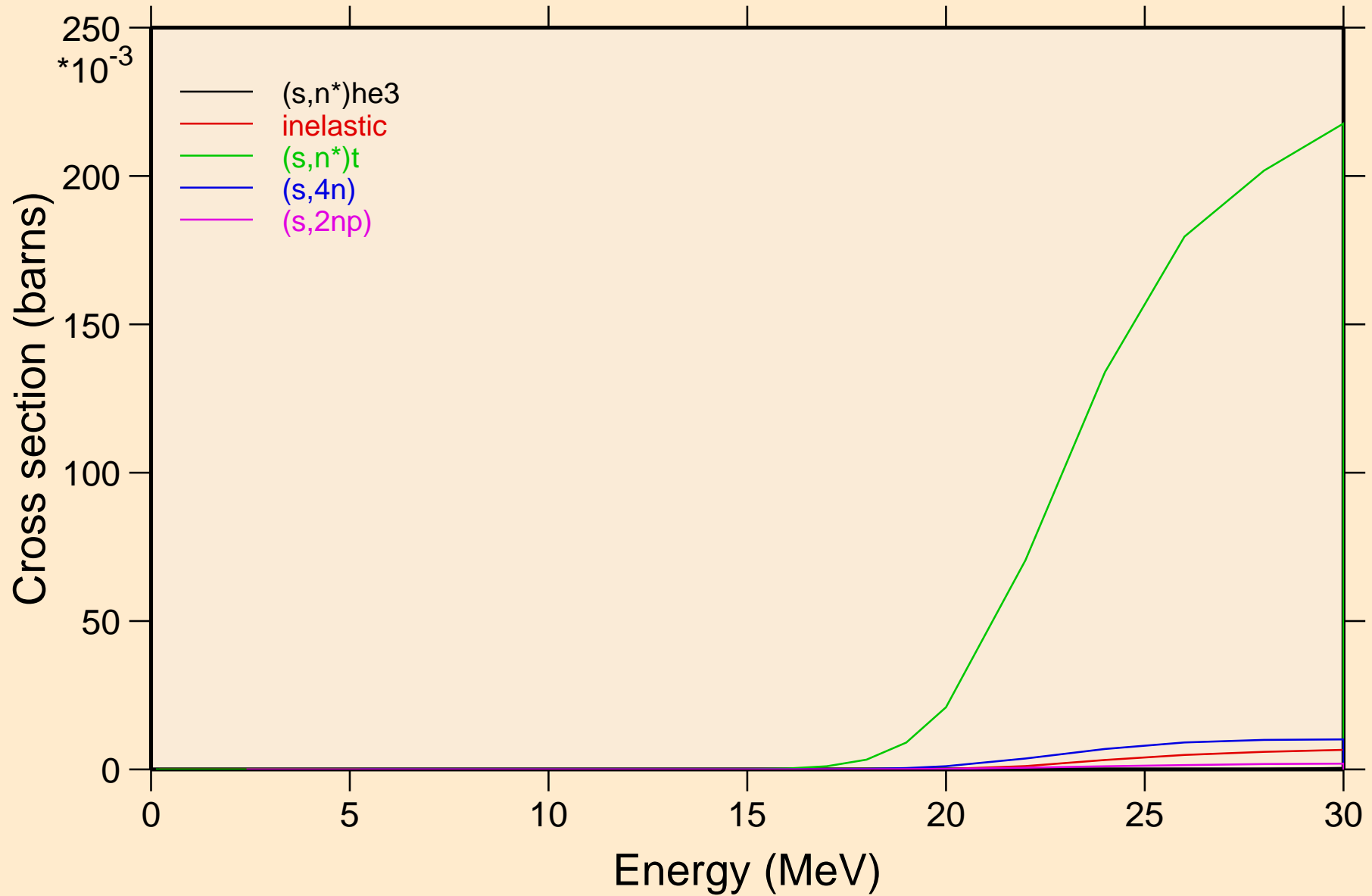
BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

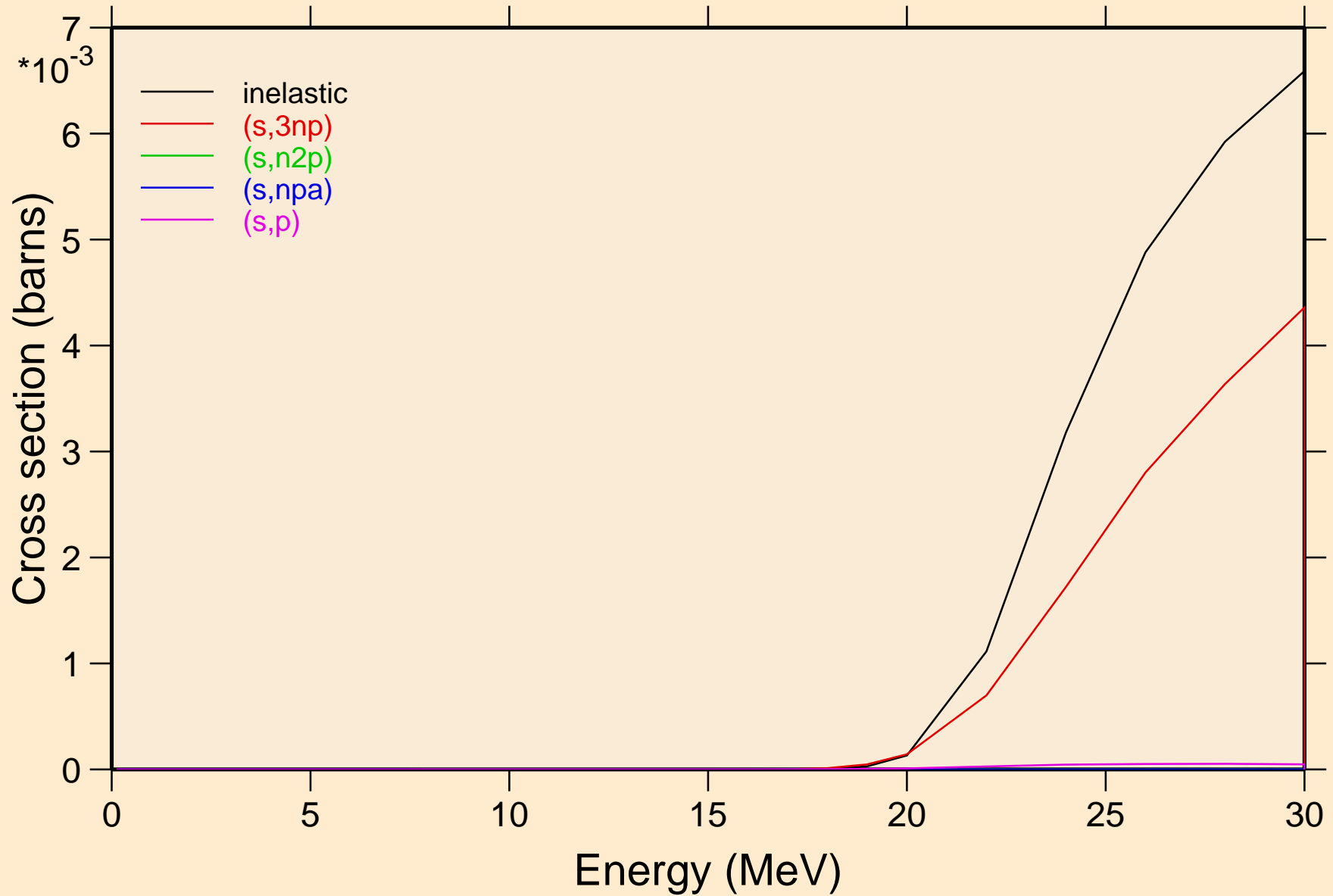


BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

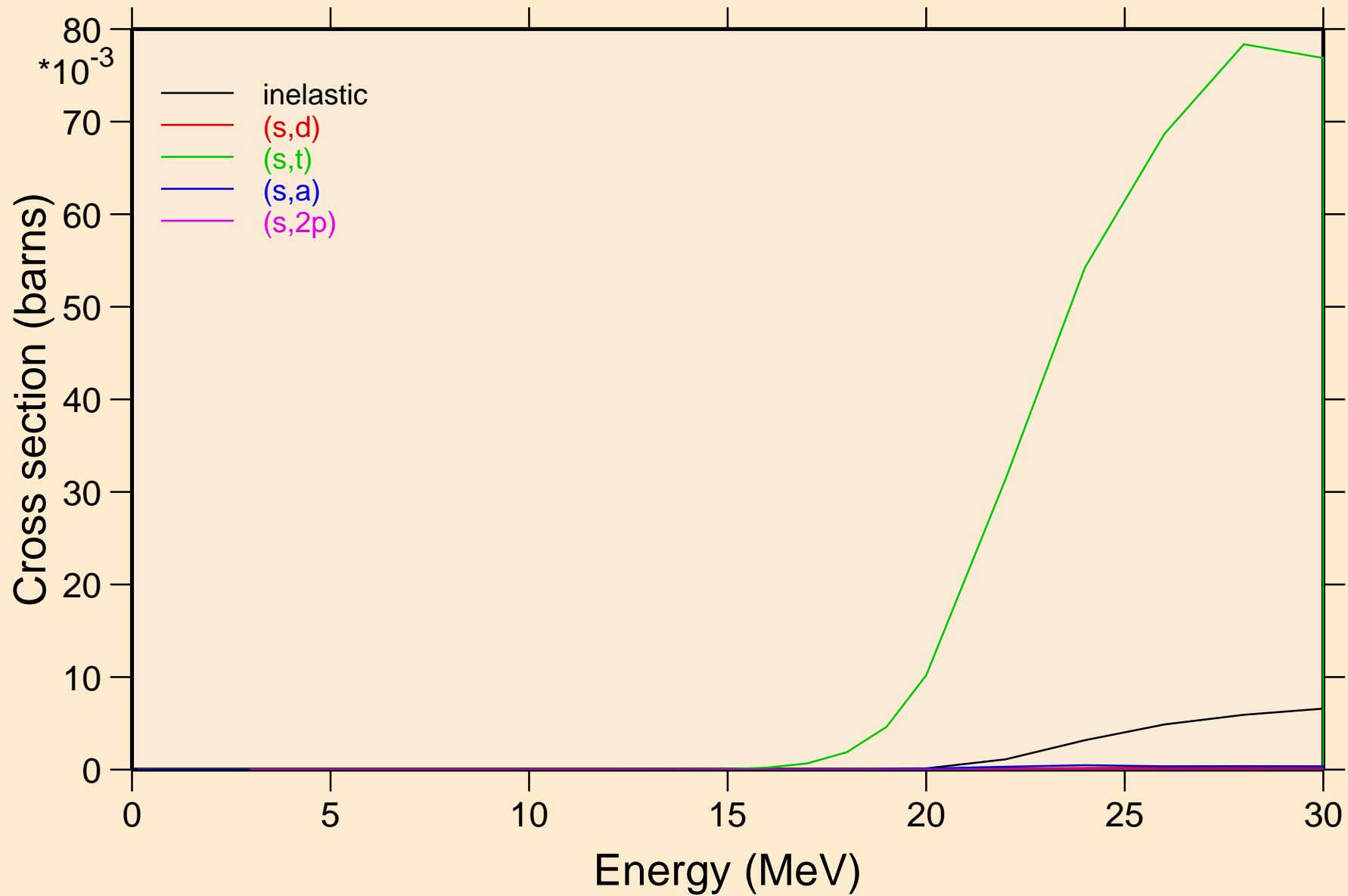




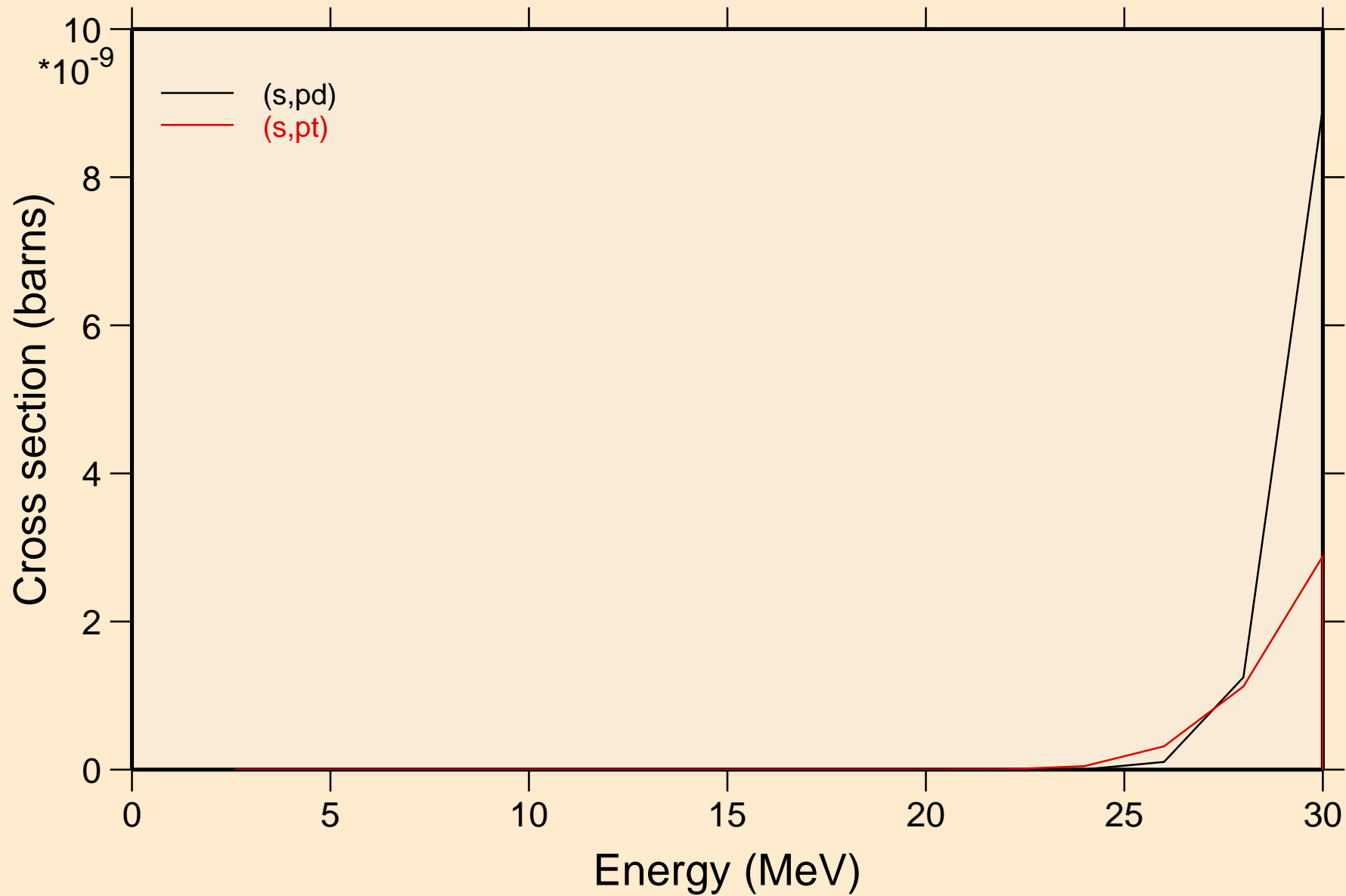
BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



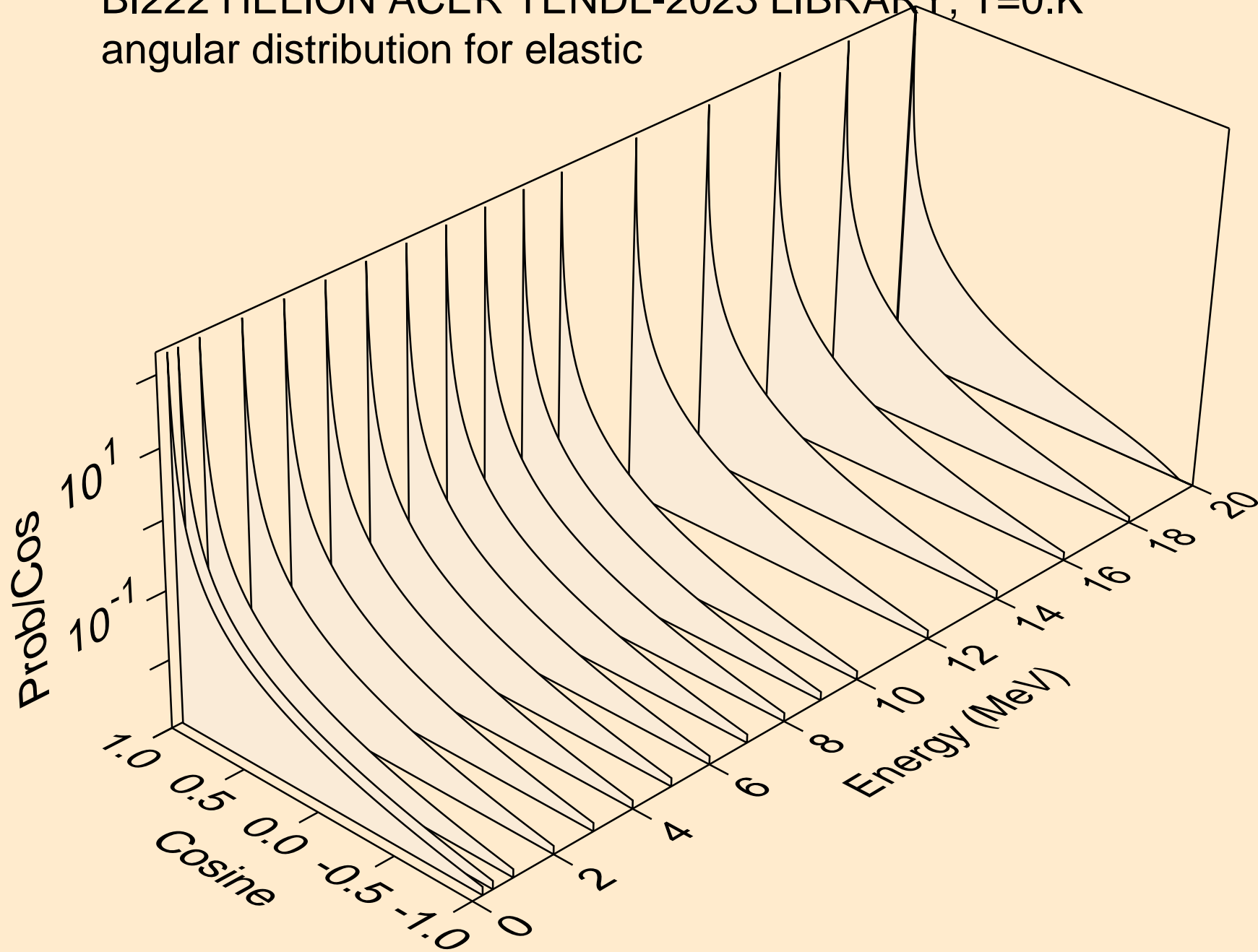
BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



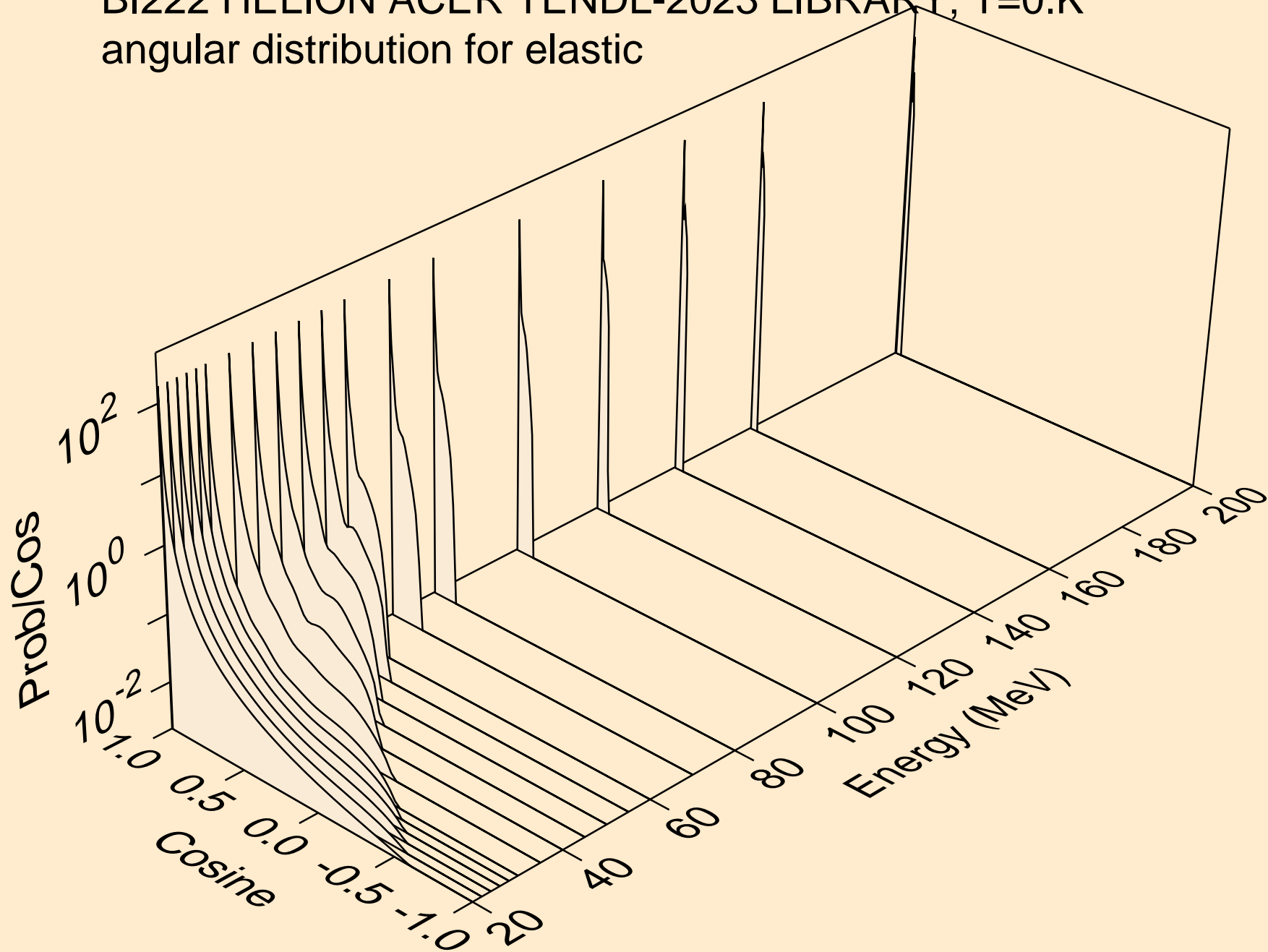
BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



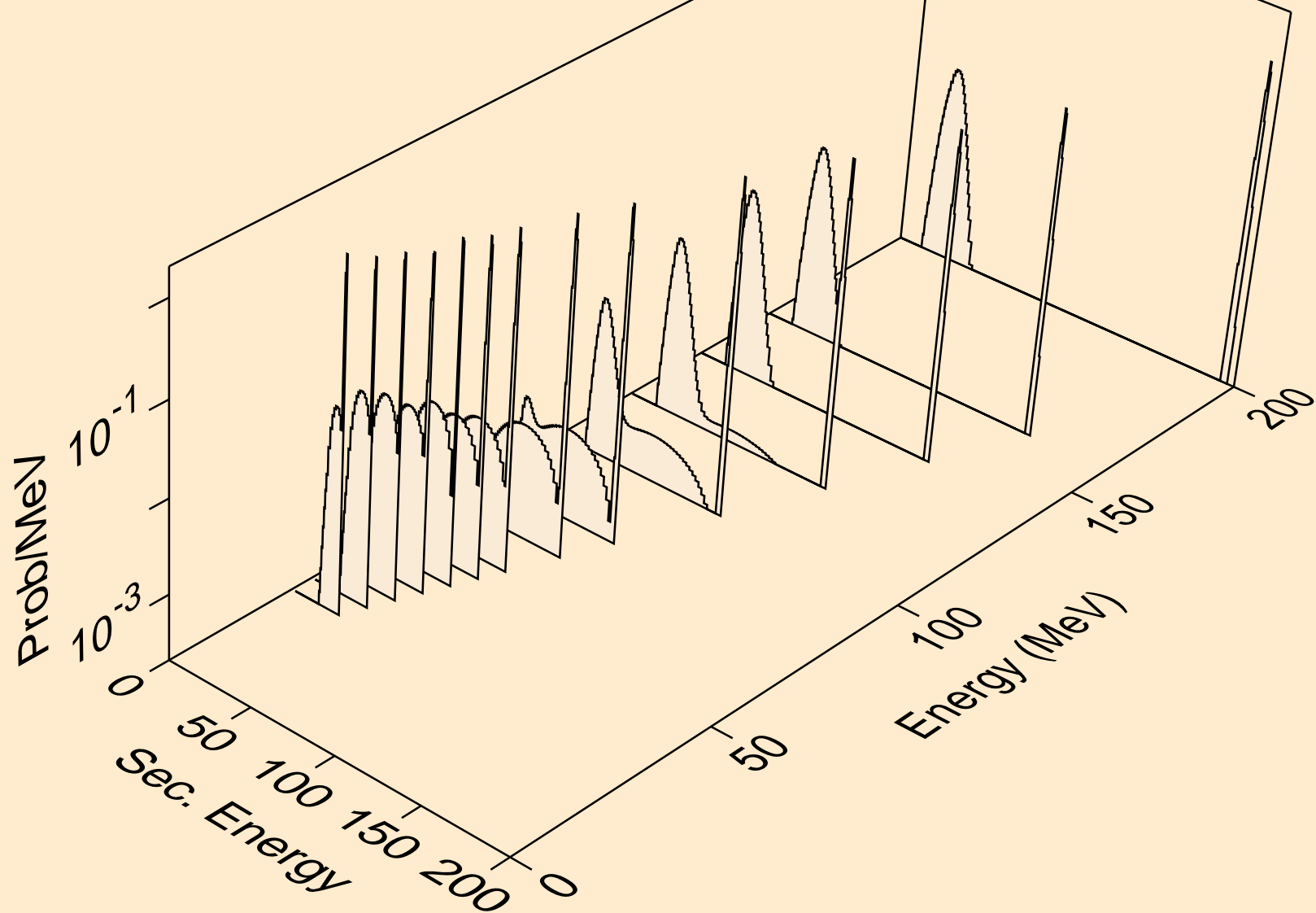
BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



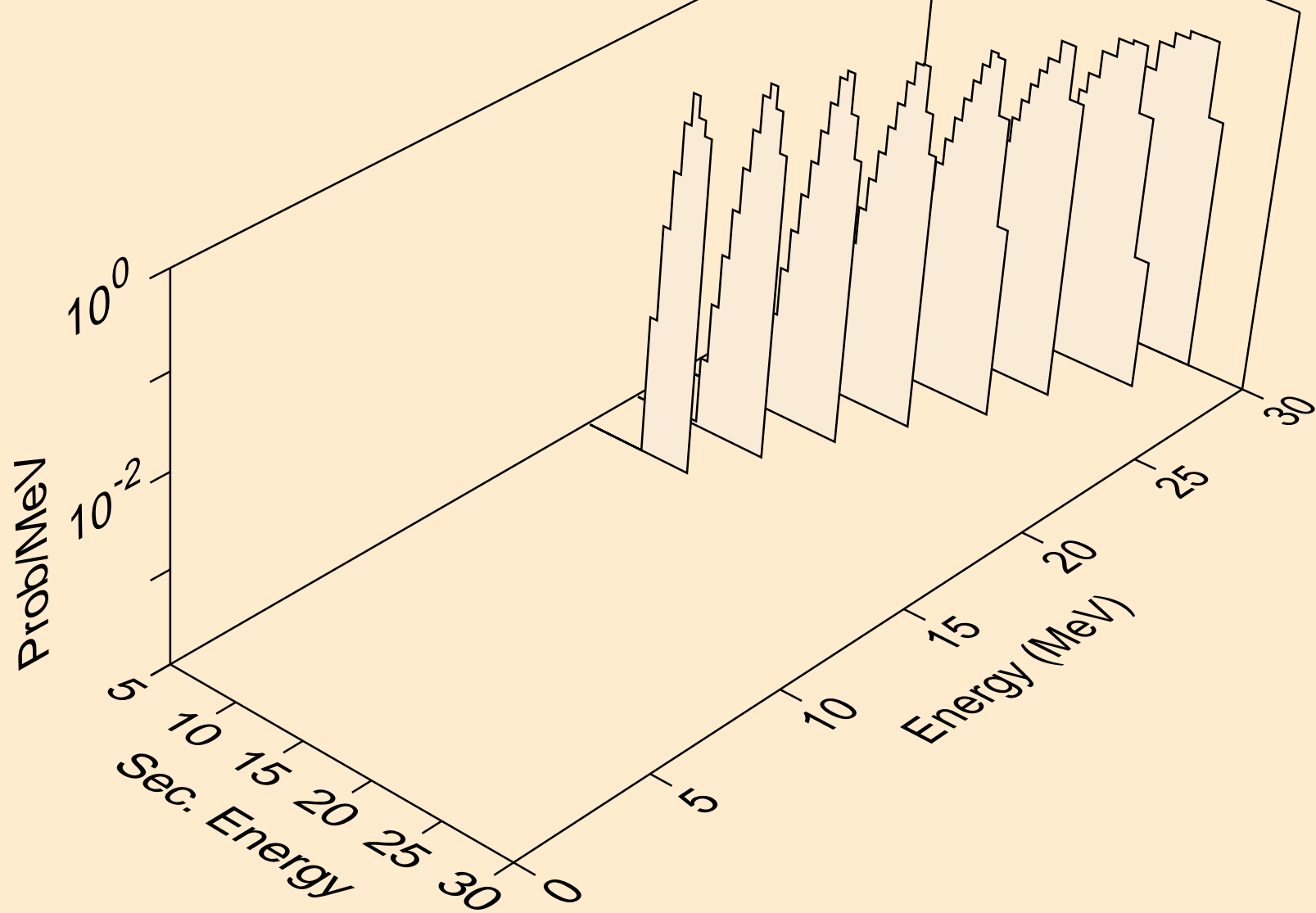
BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



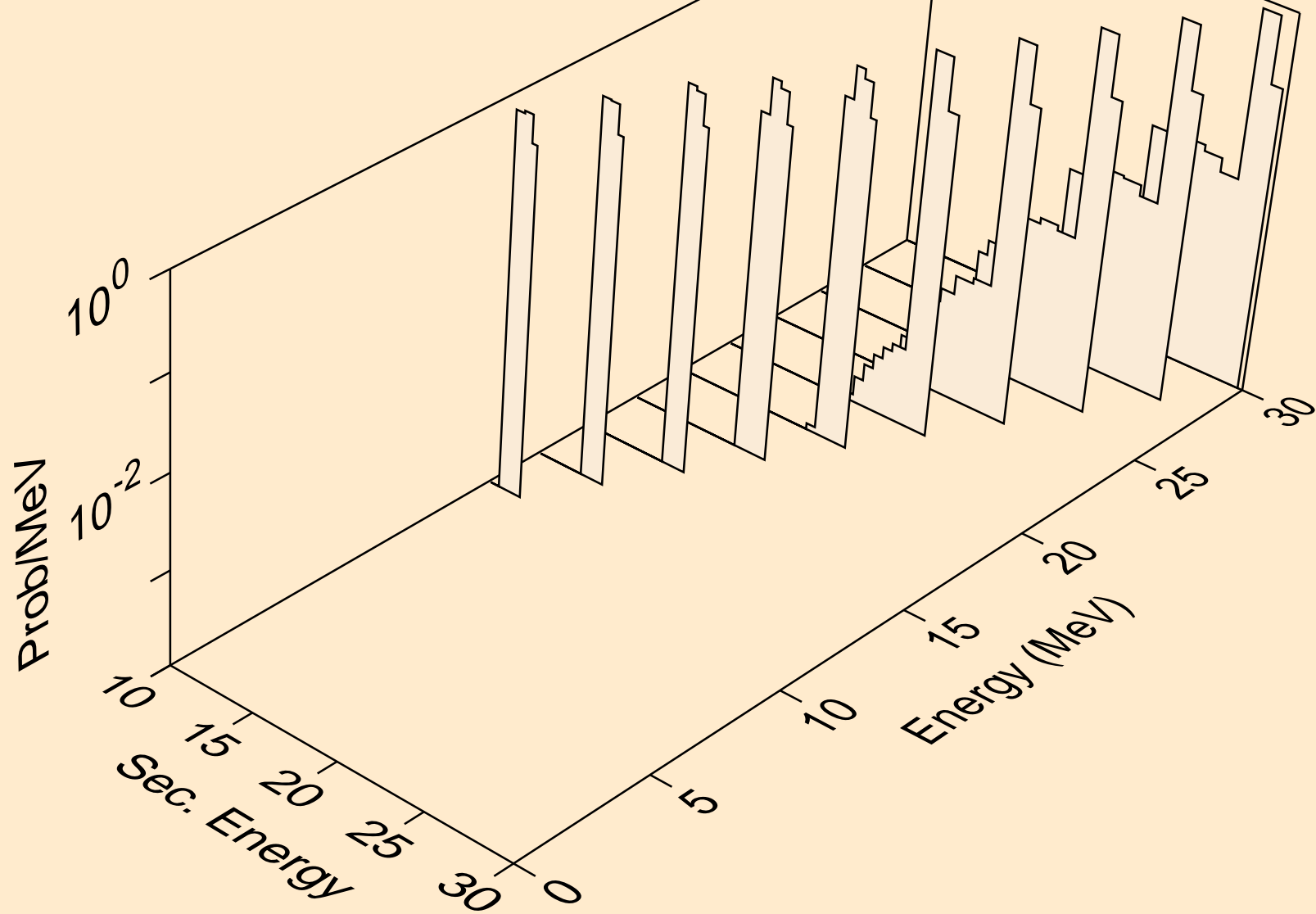
BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,x)



BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

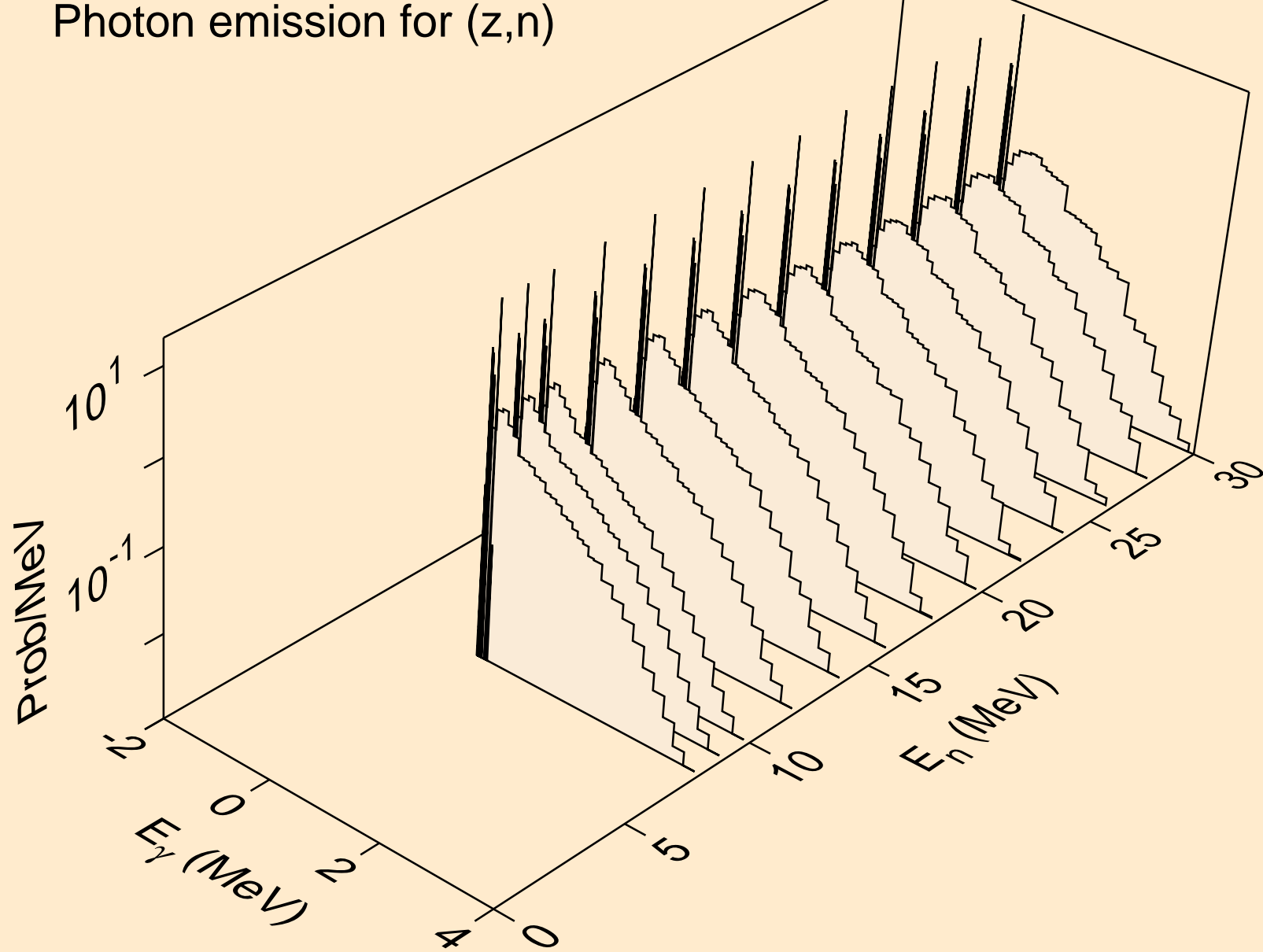


BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for inelastic

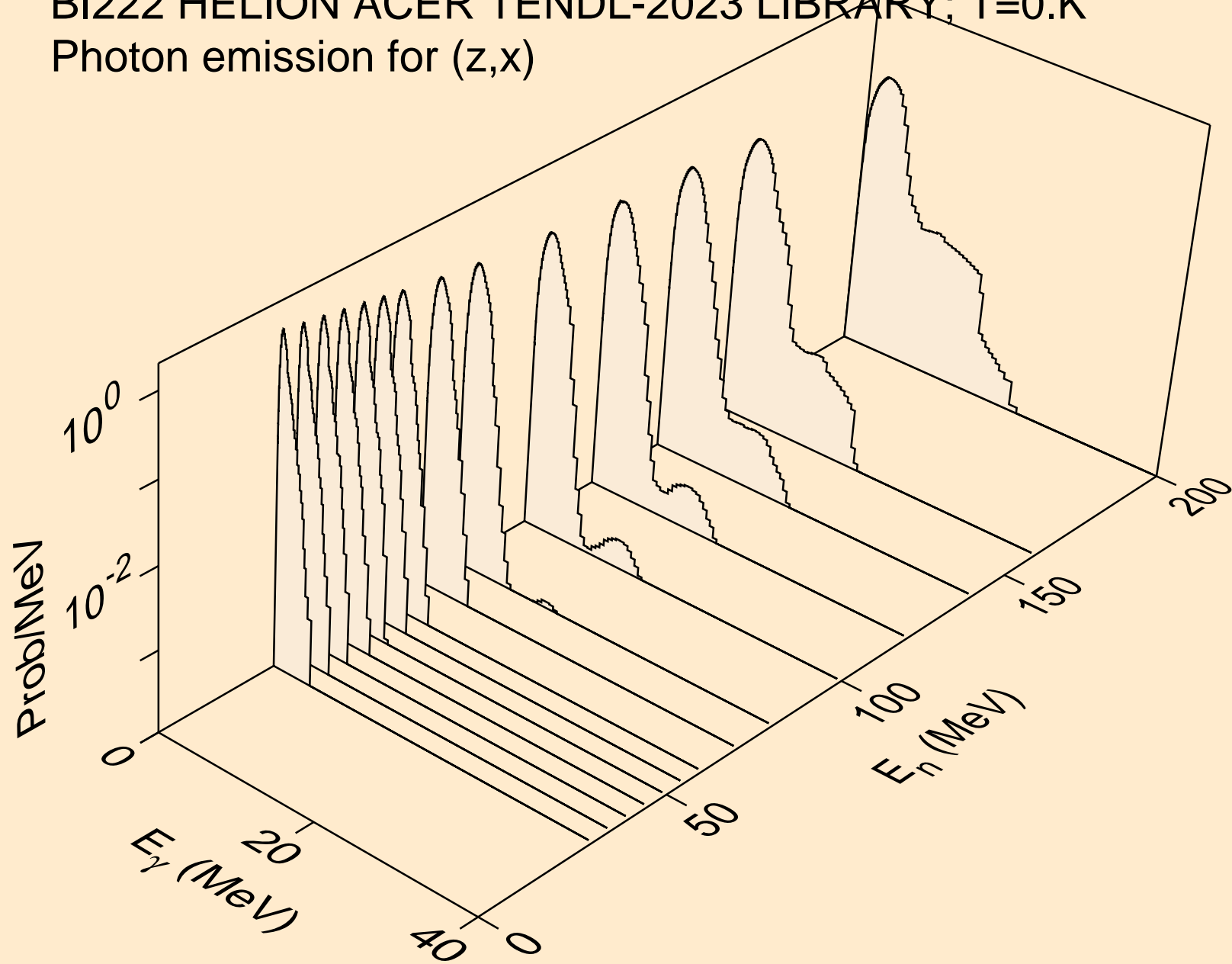




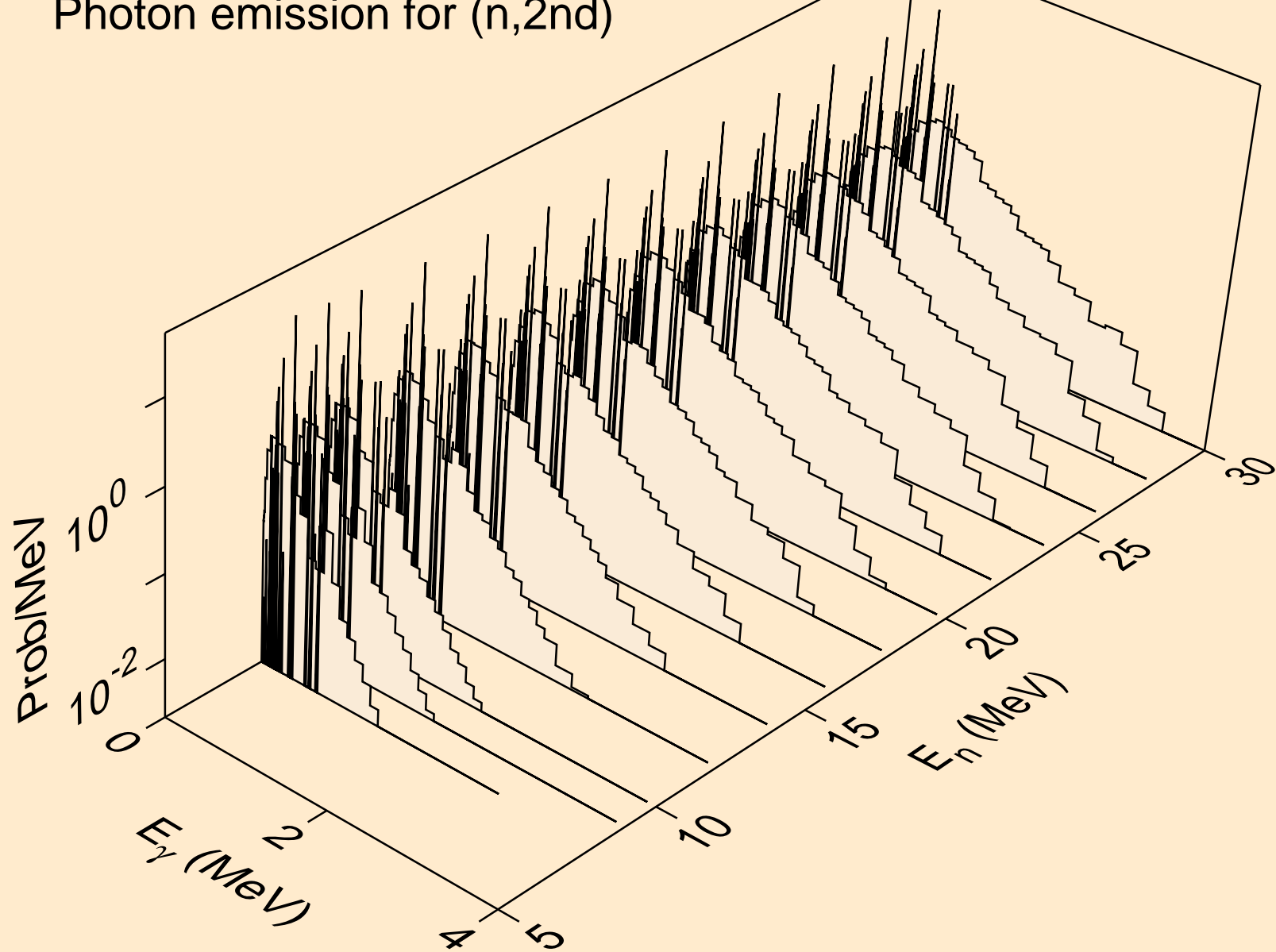
BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



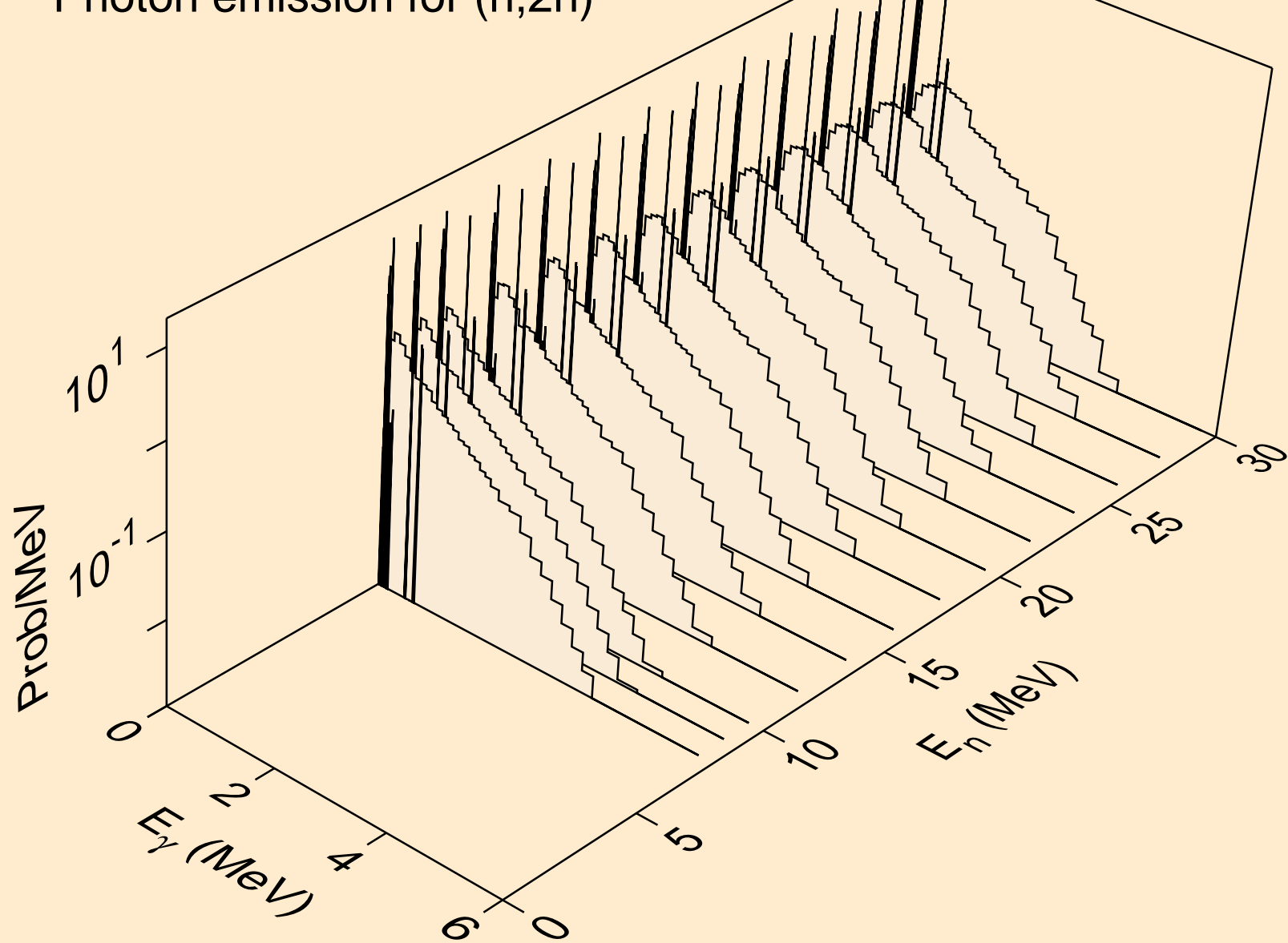
BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



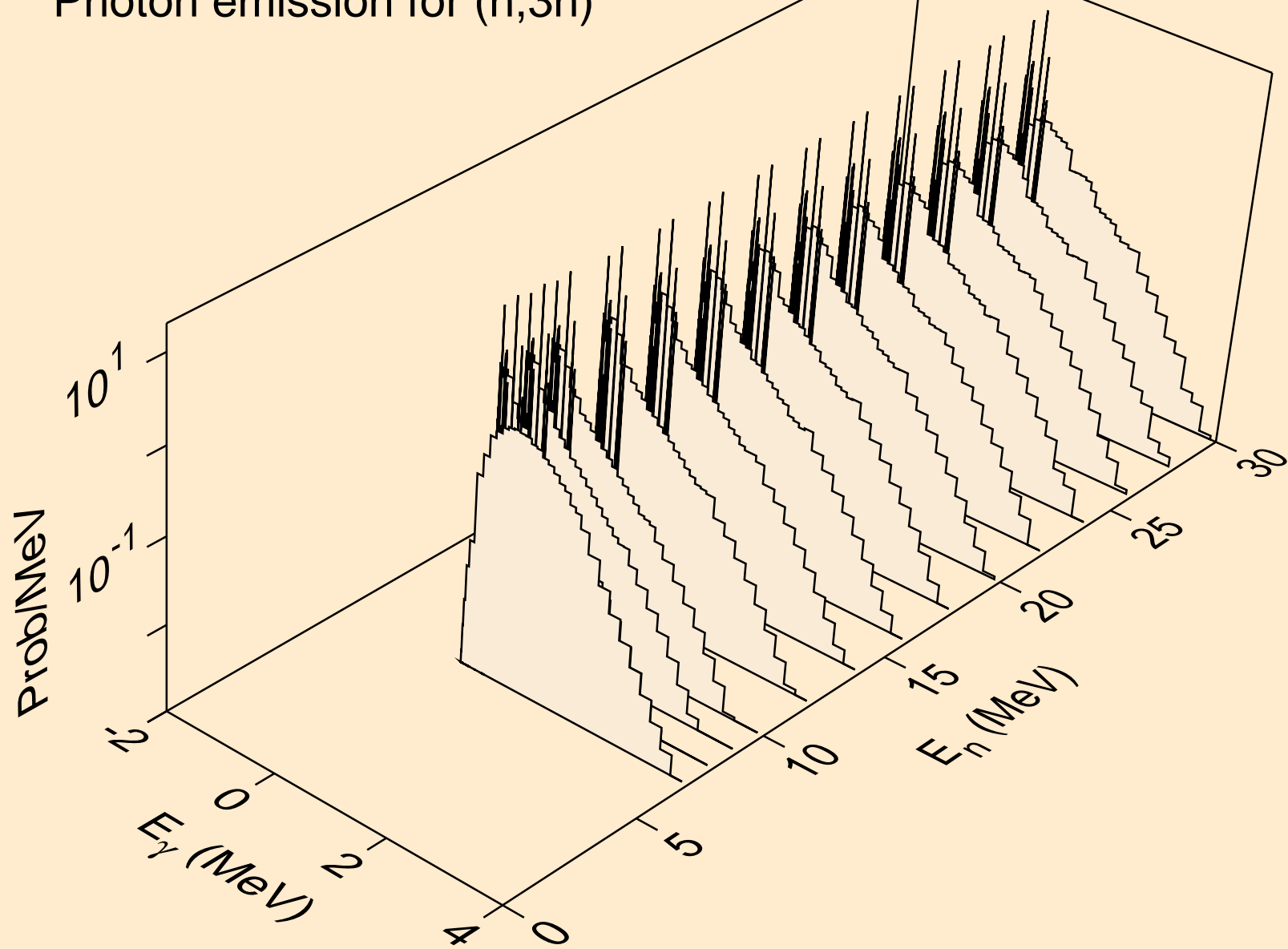
BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



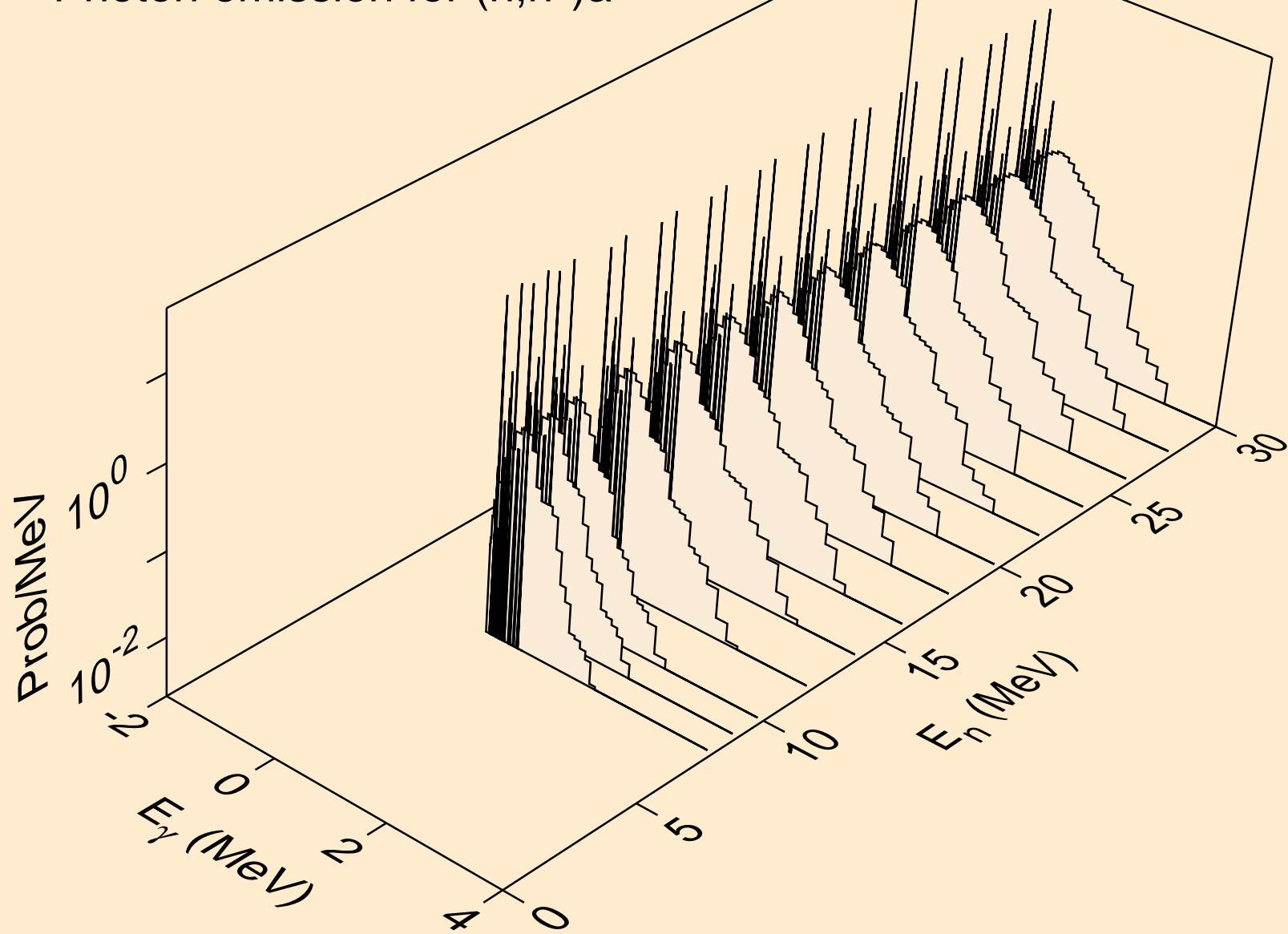
BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



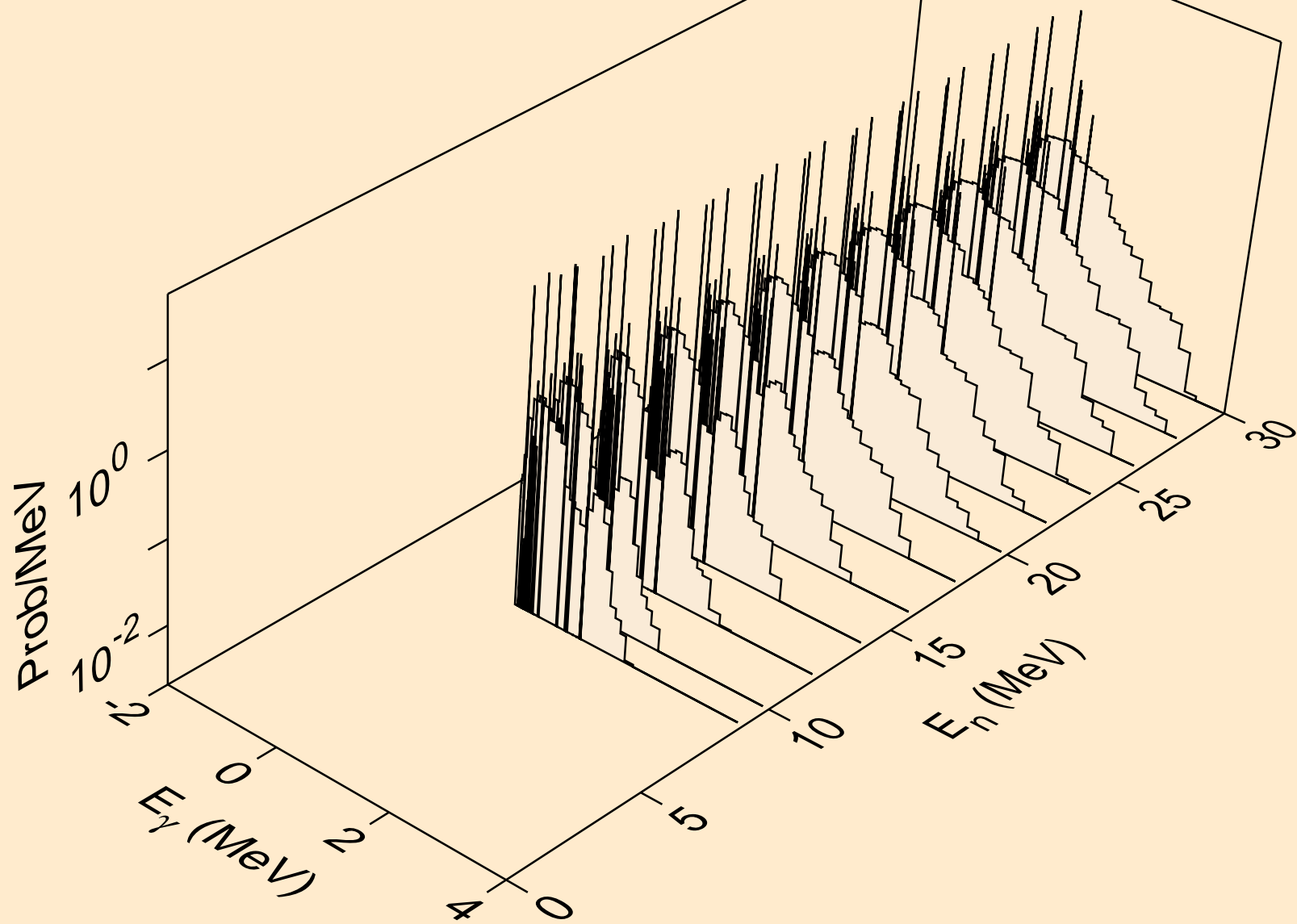
BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



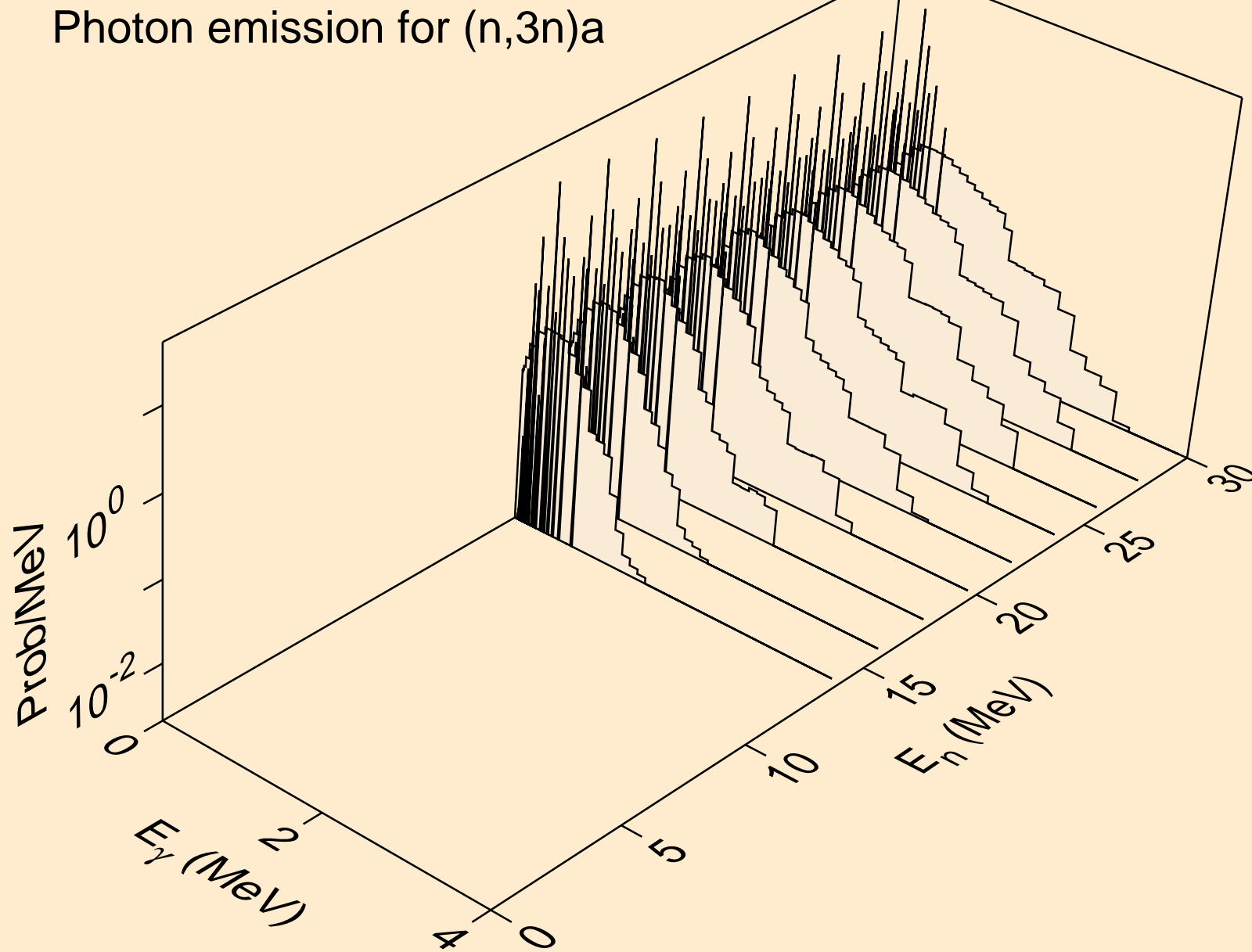
BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

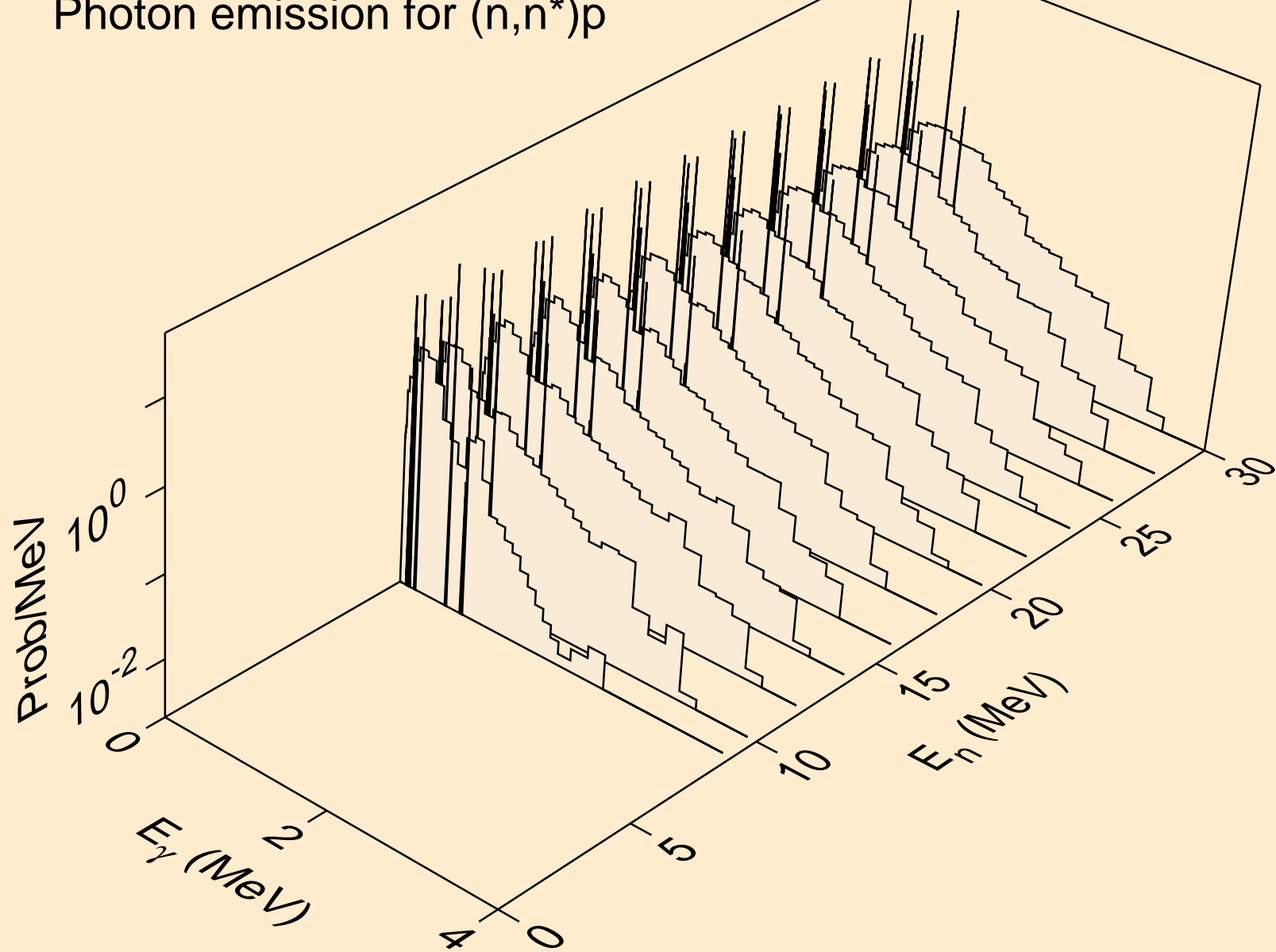


BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a

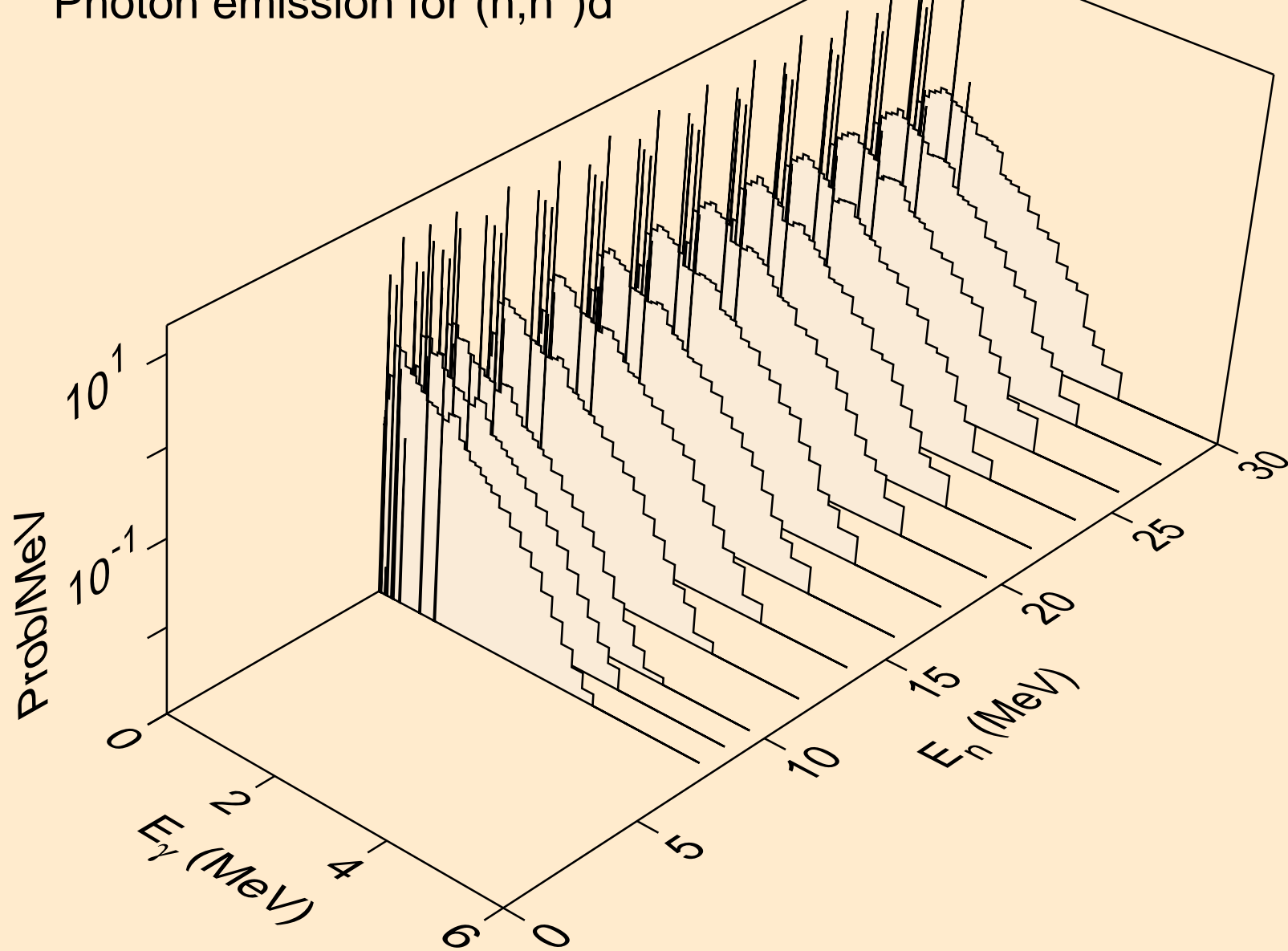




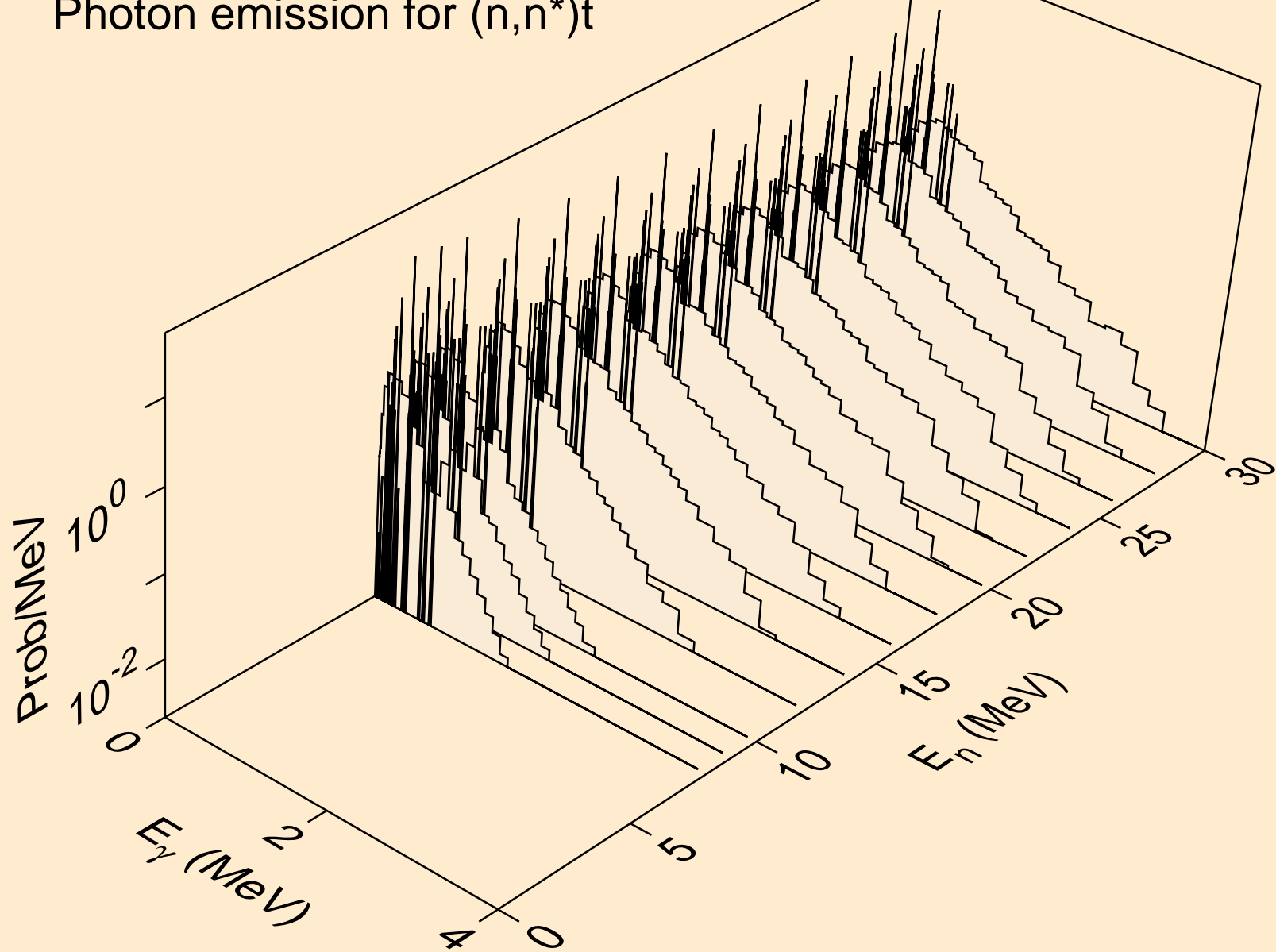
BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



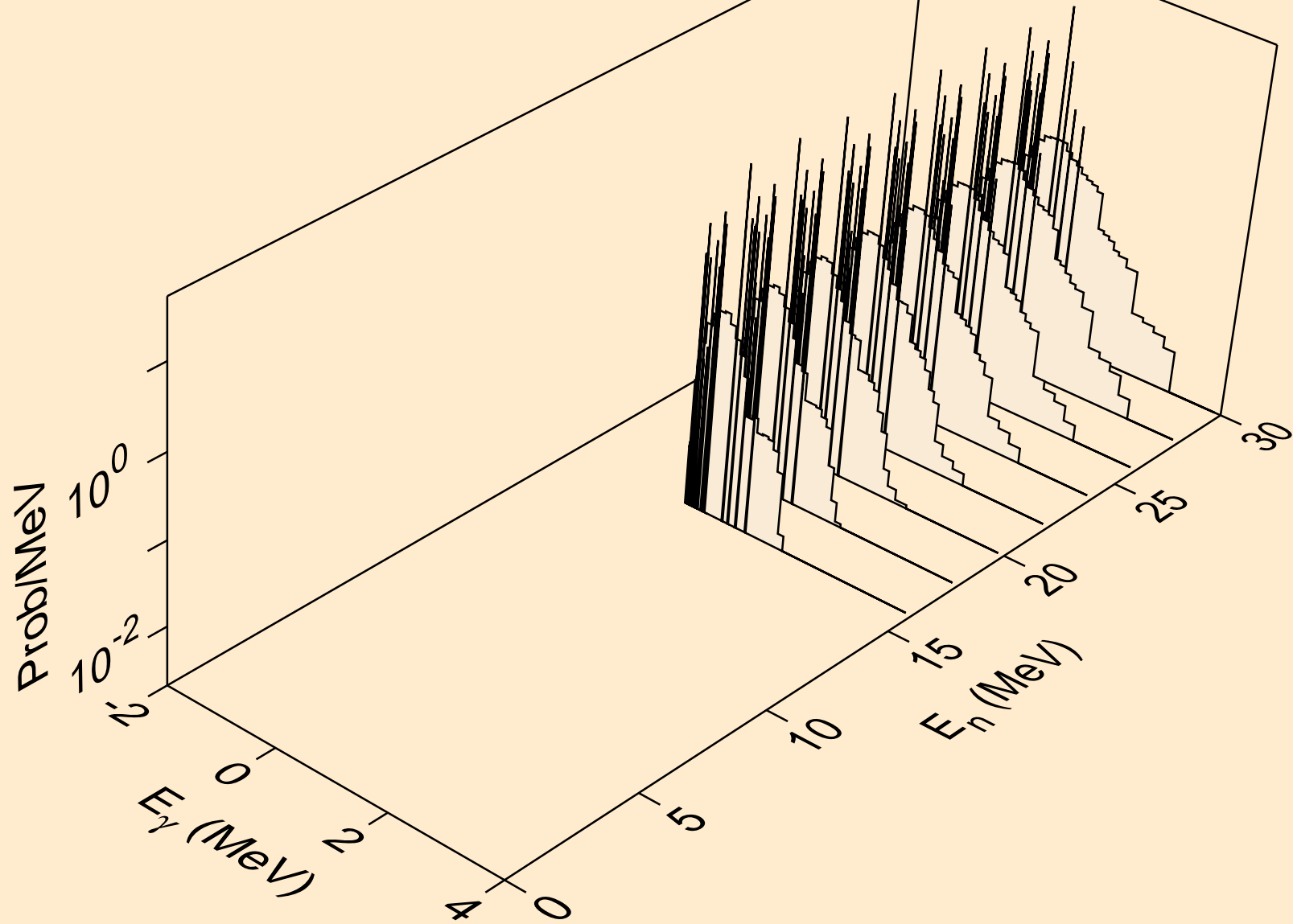
BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



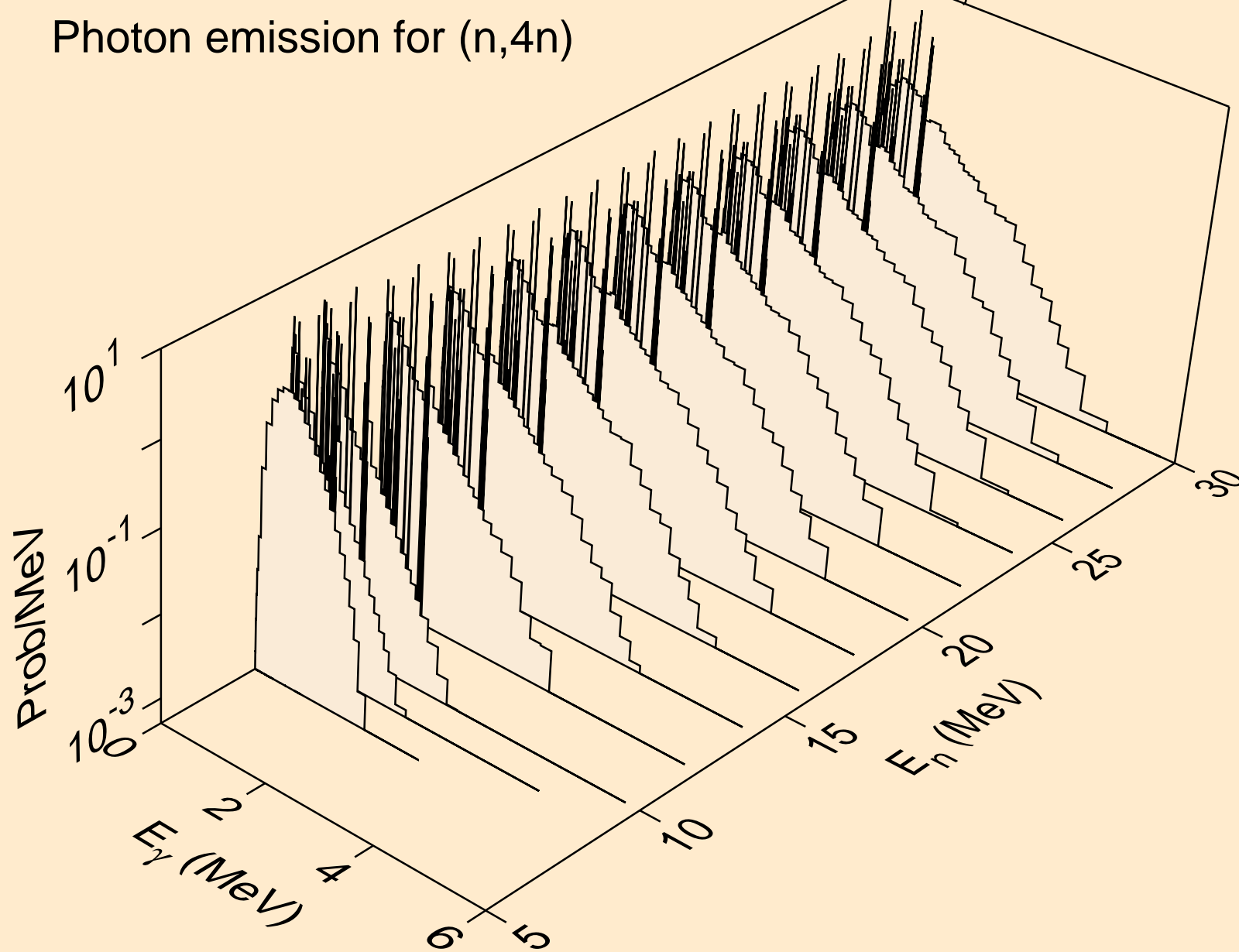
BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



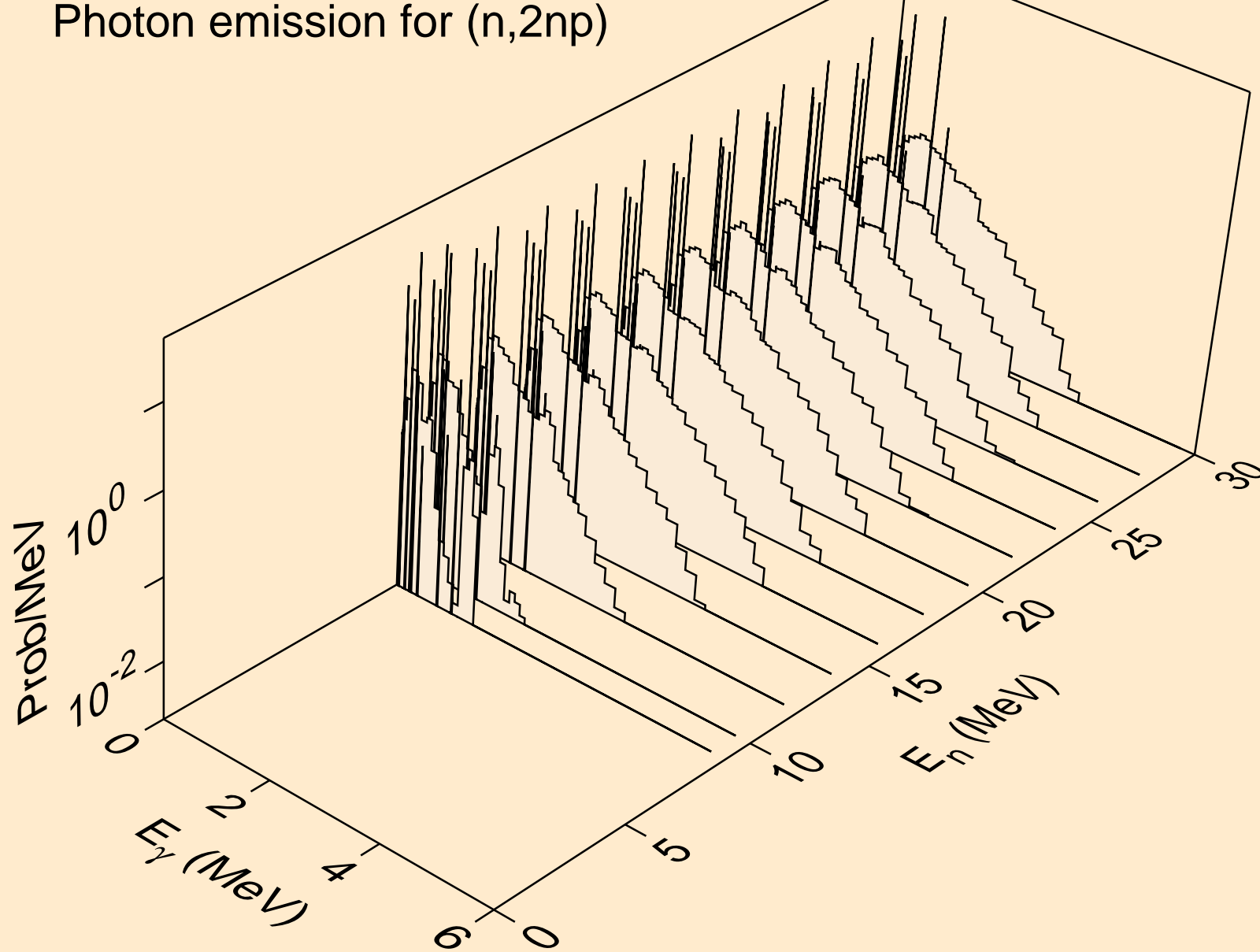
BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



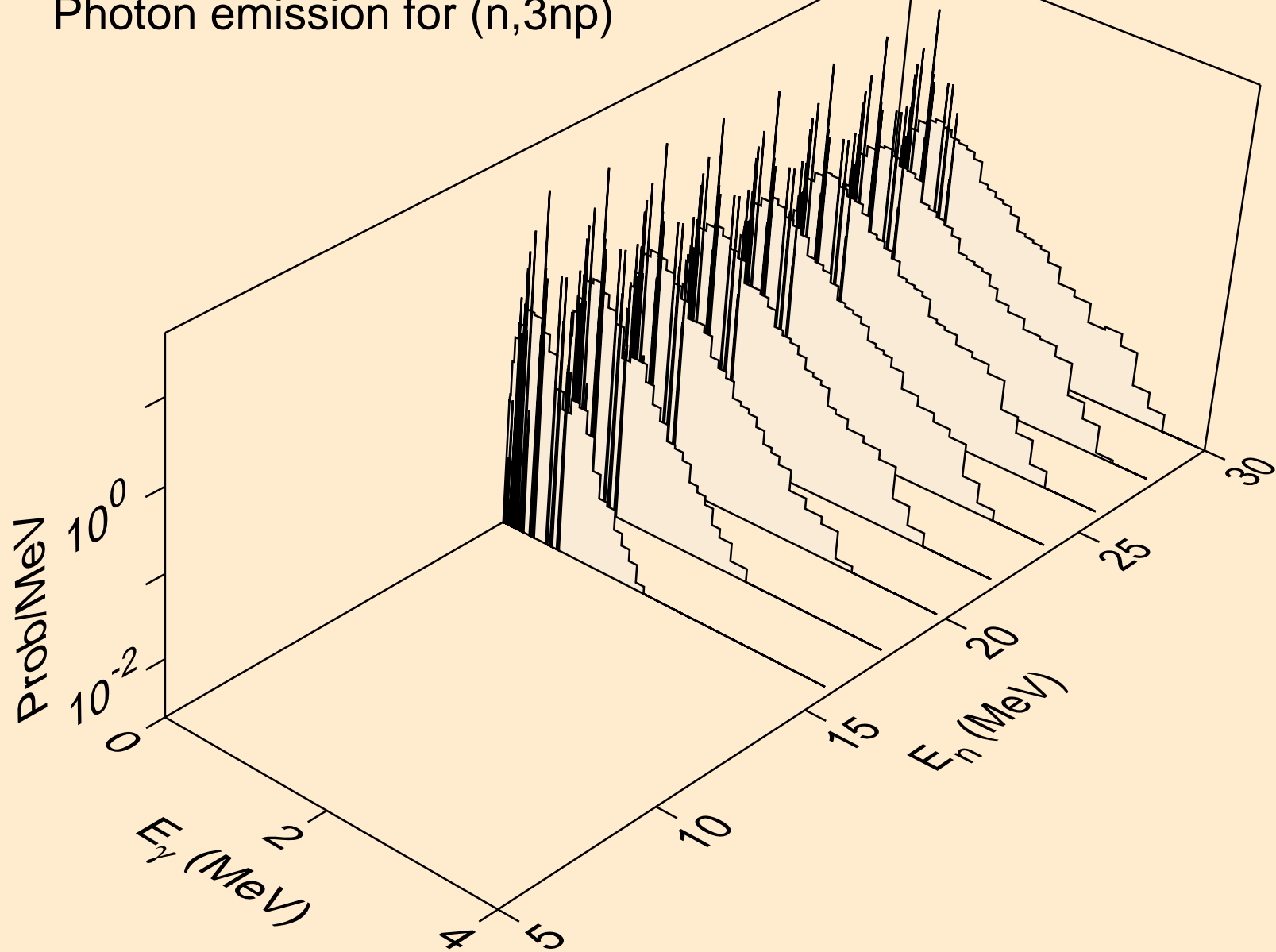
BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



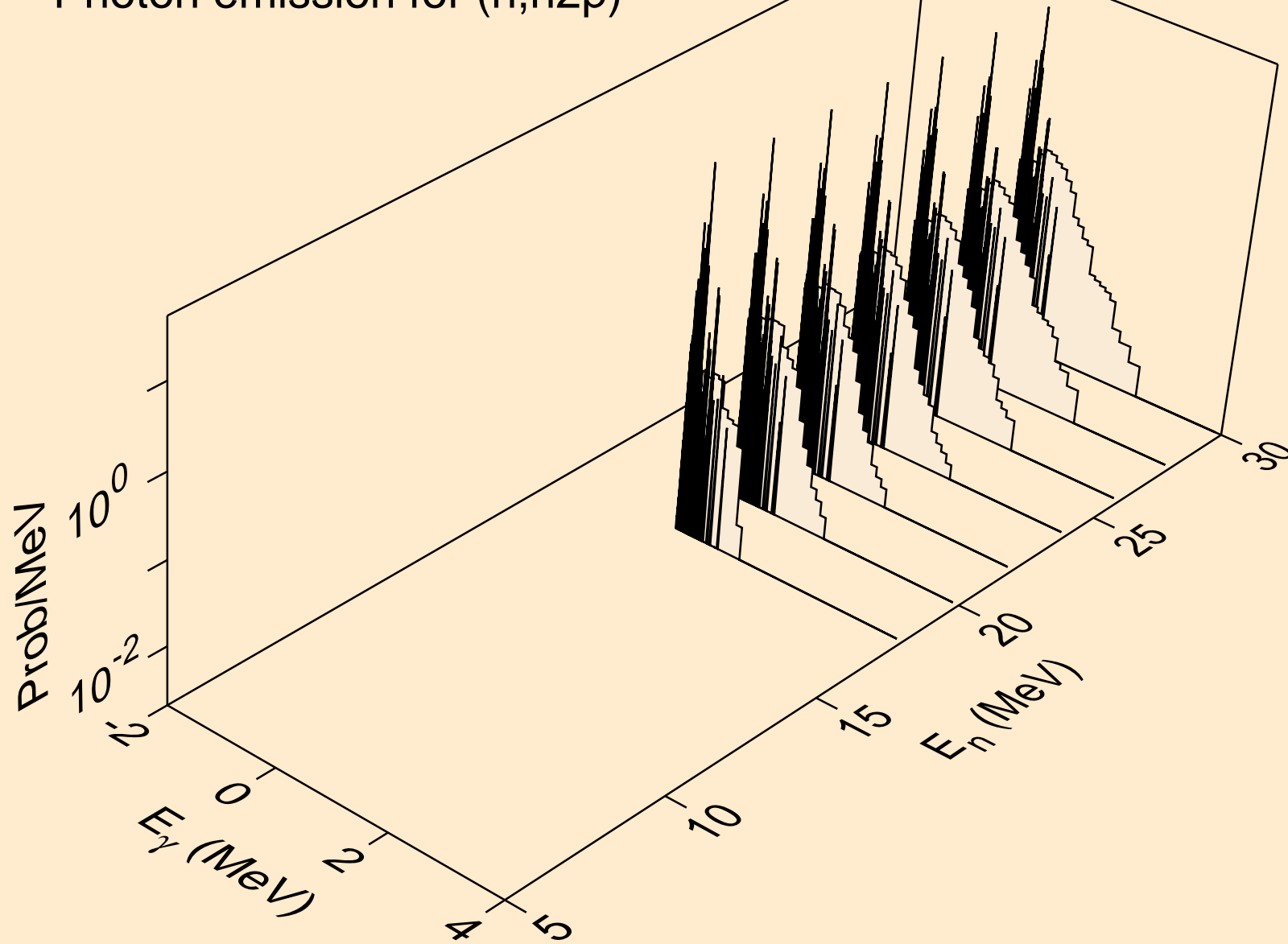
BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)

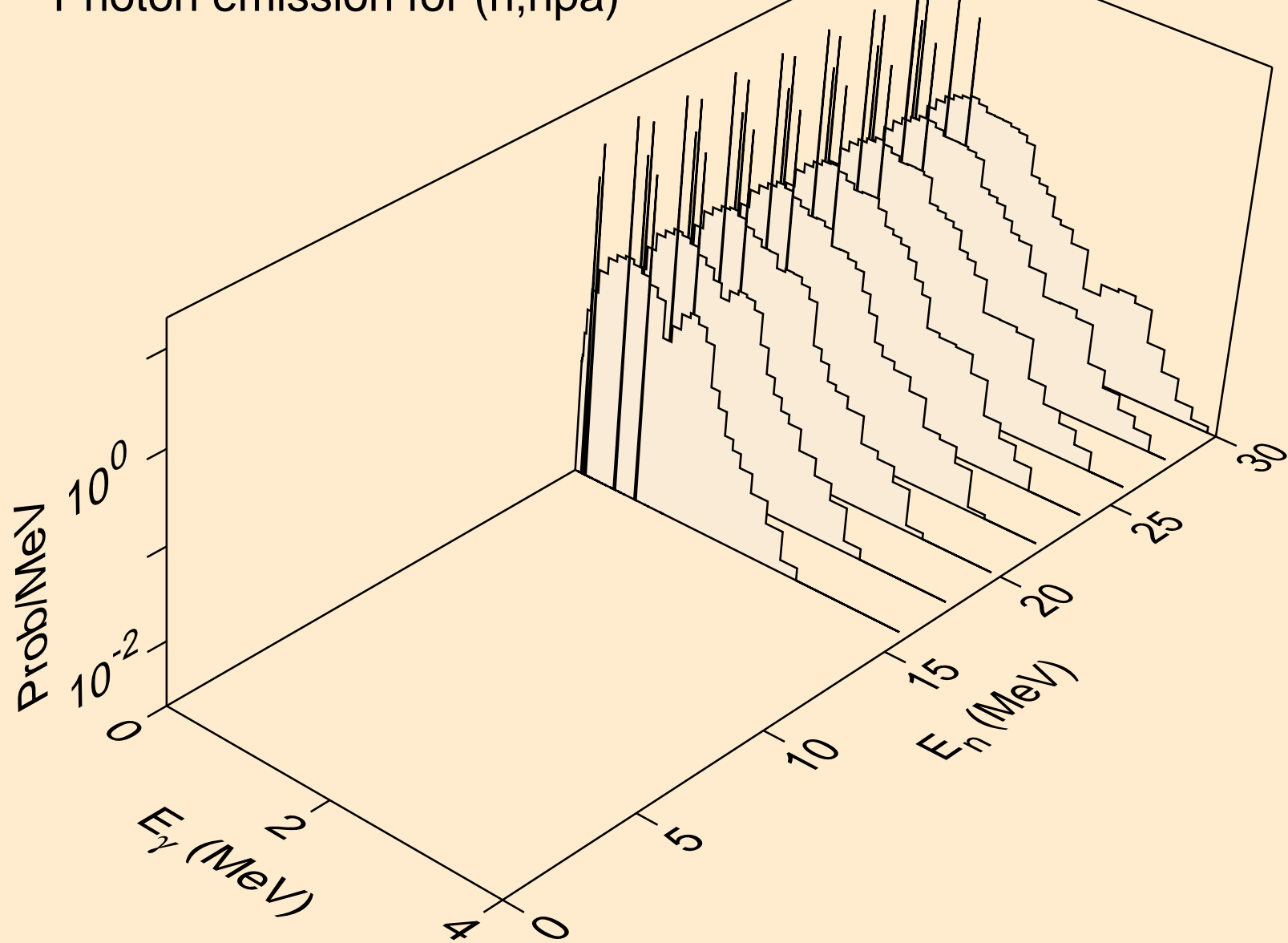


BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)

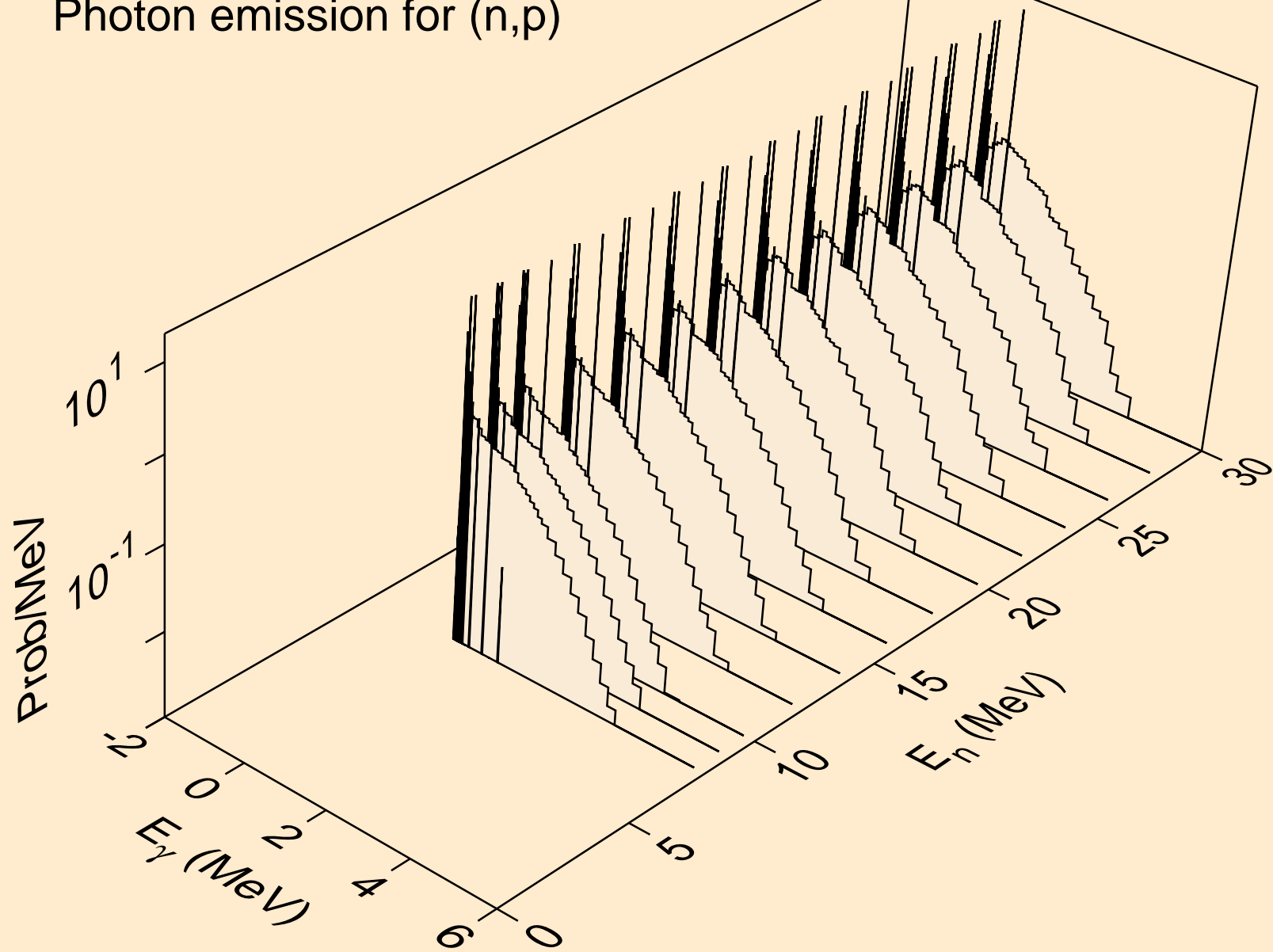




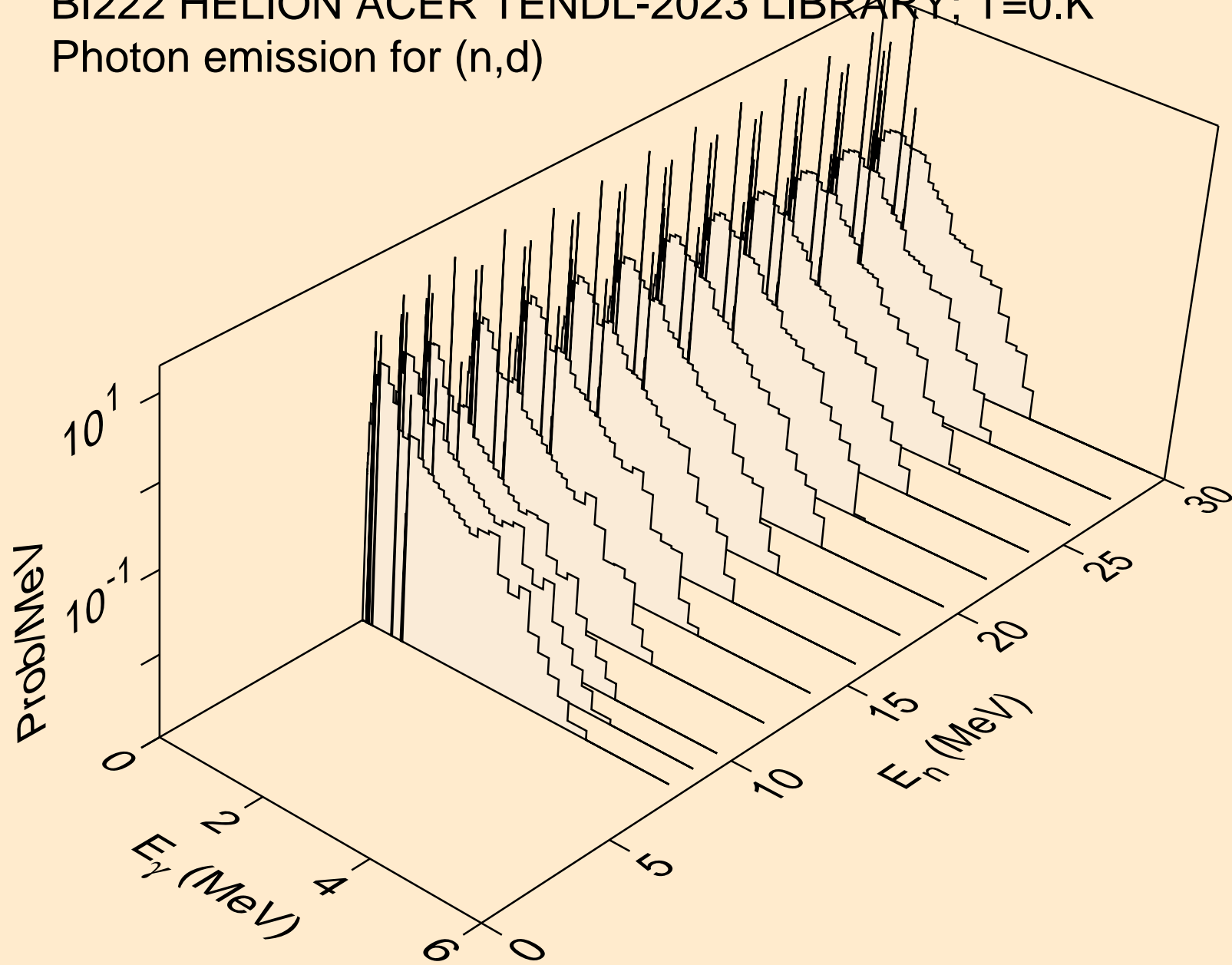
BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



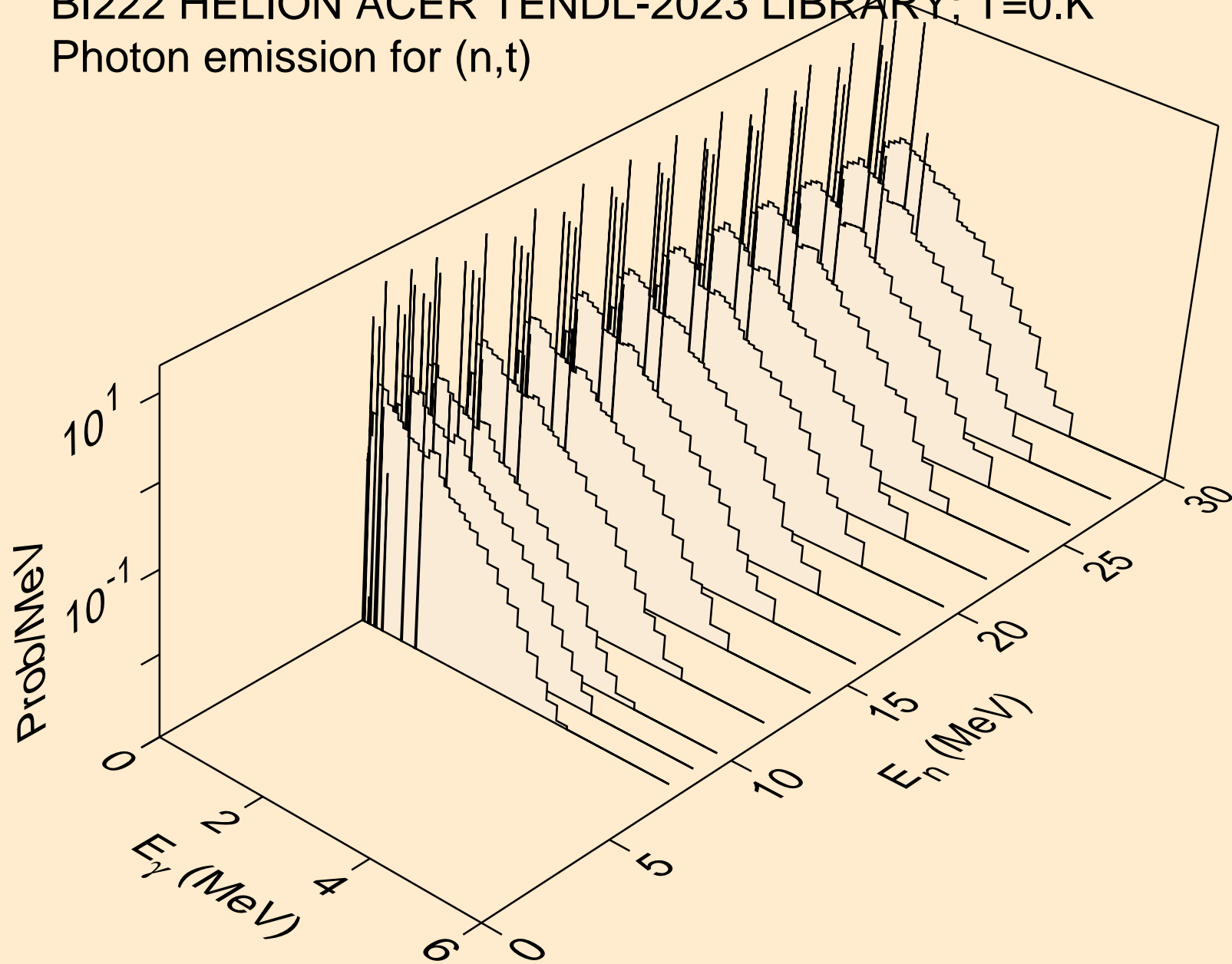
BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



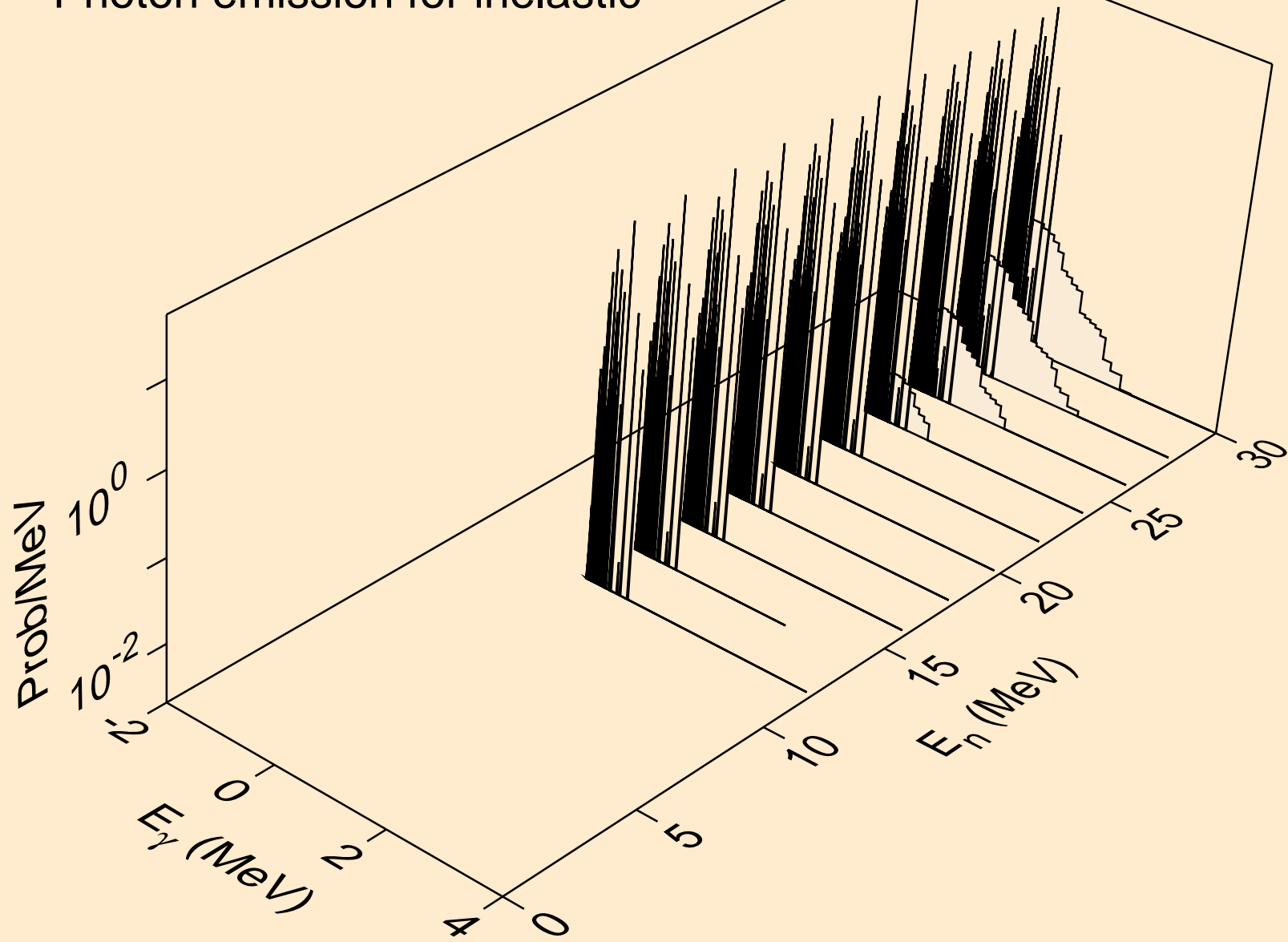
BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



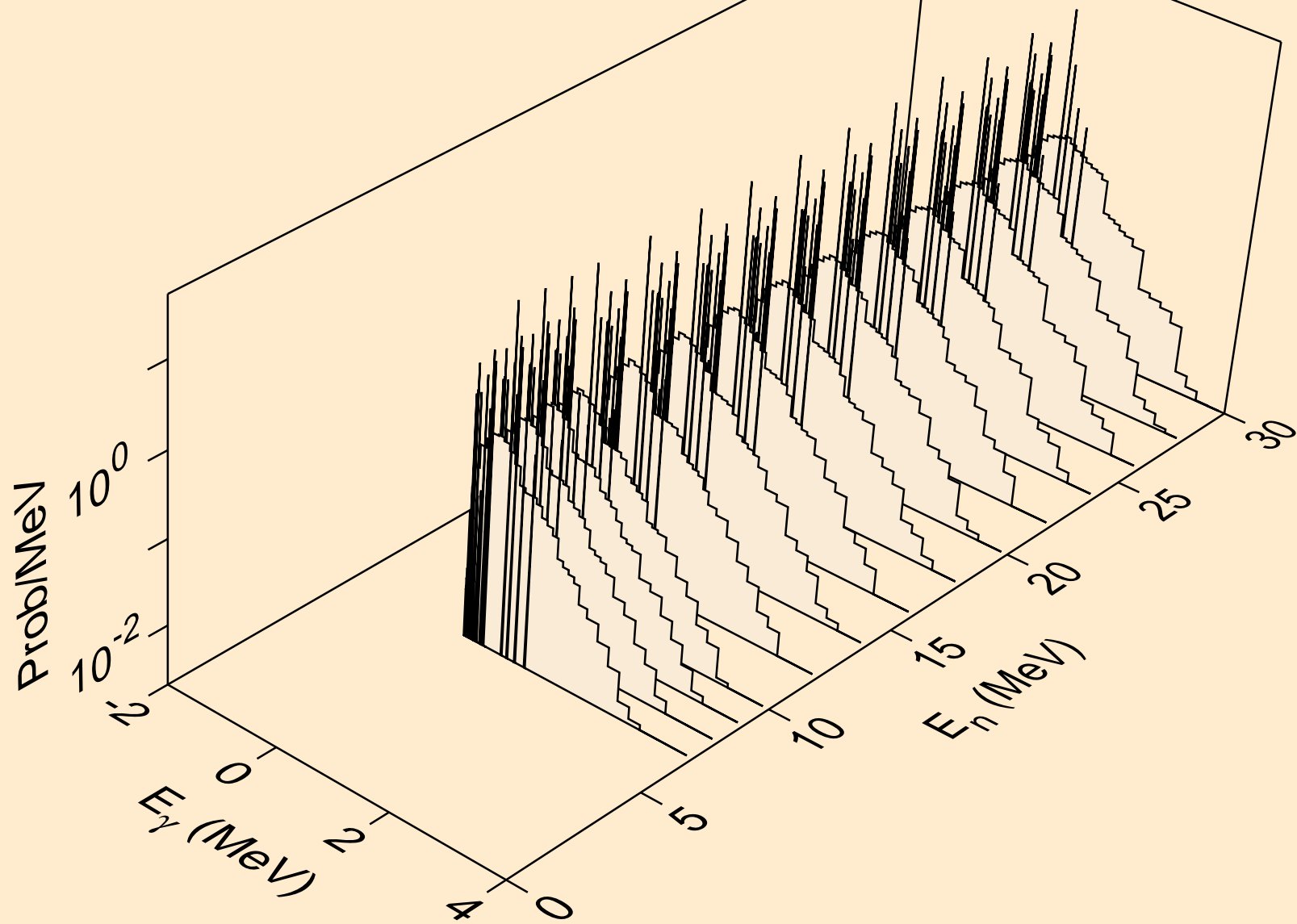
BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



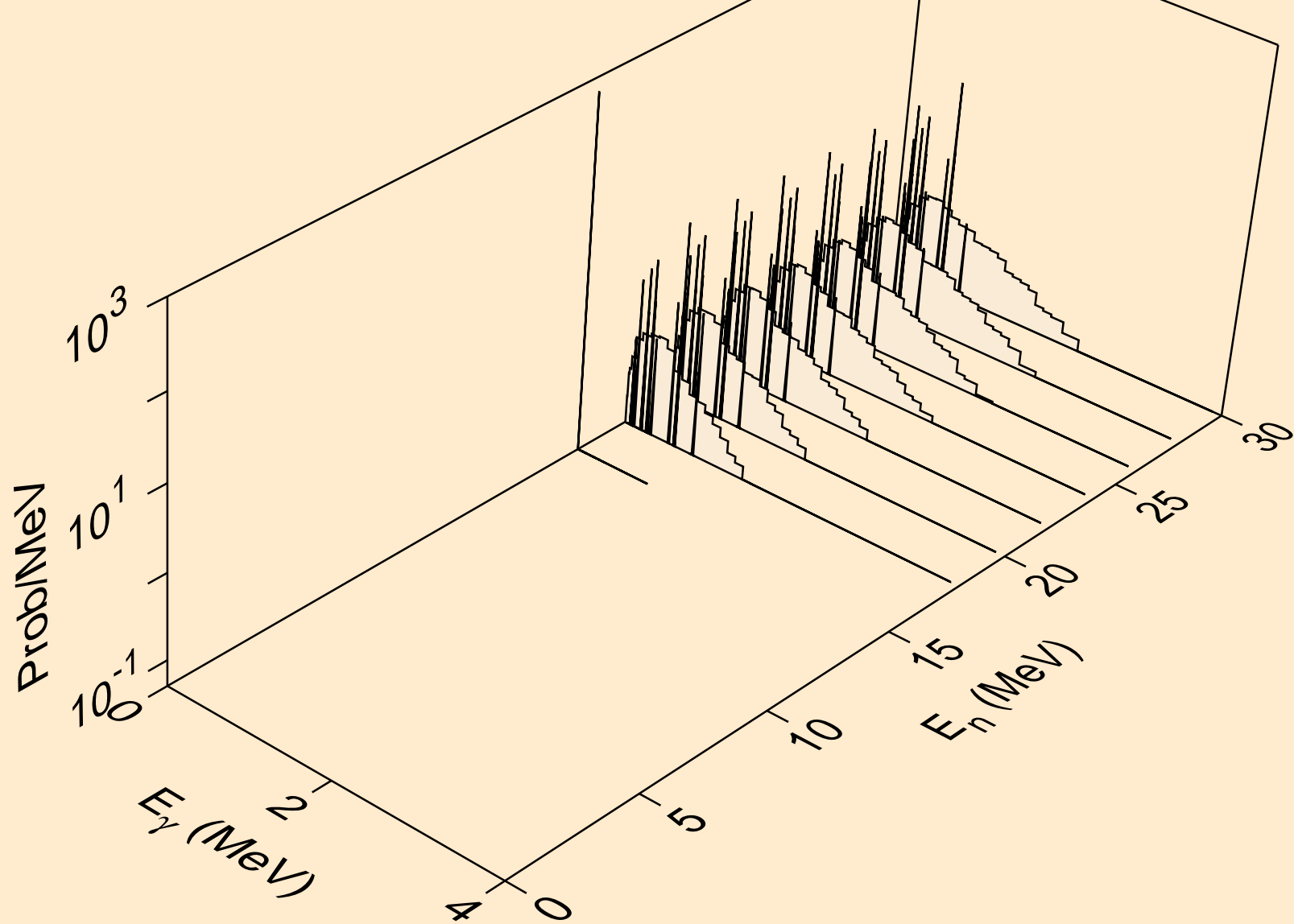
BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



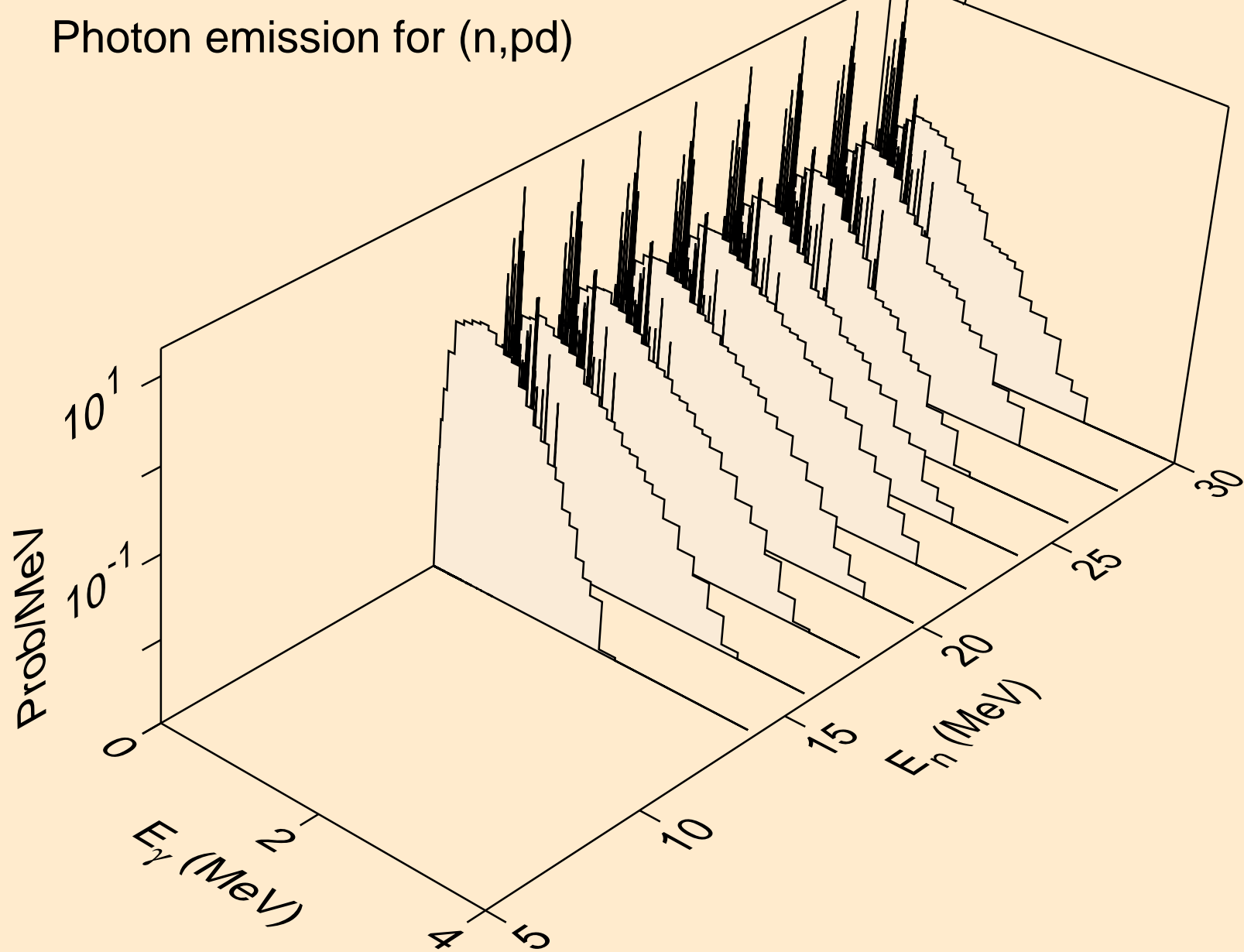
BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)

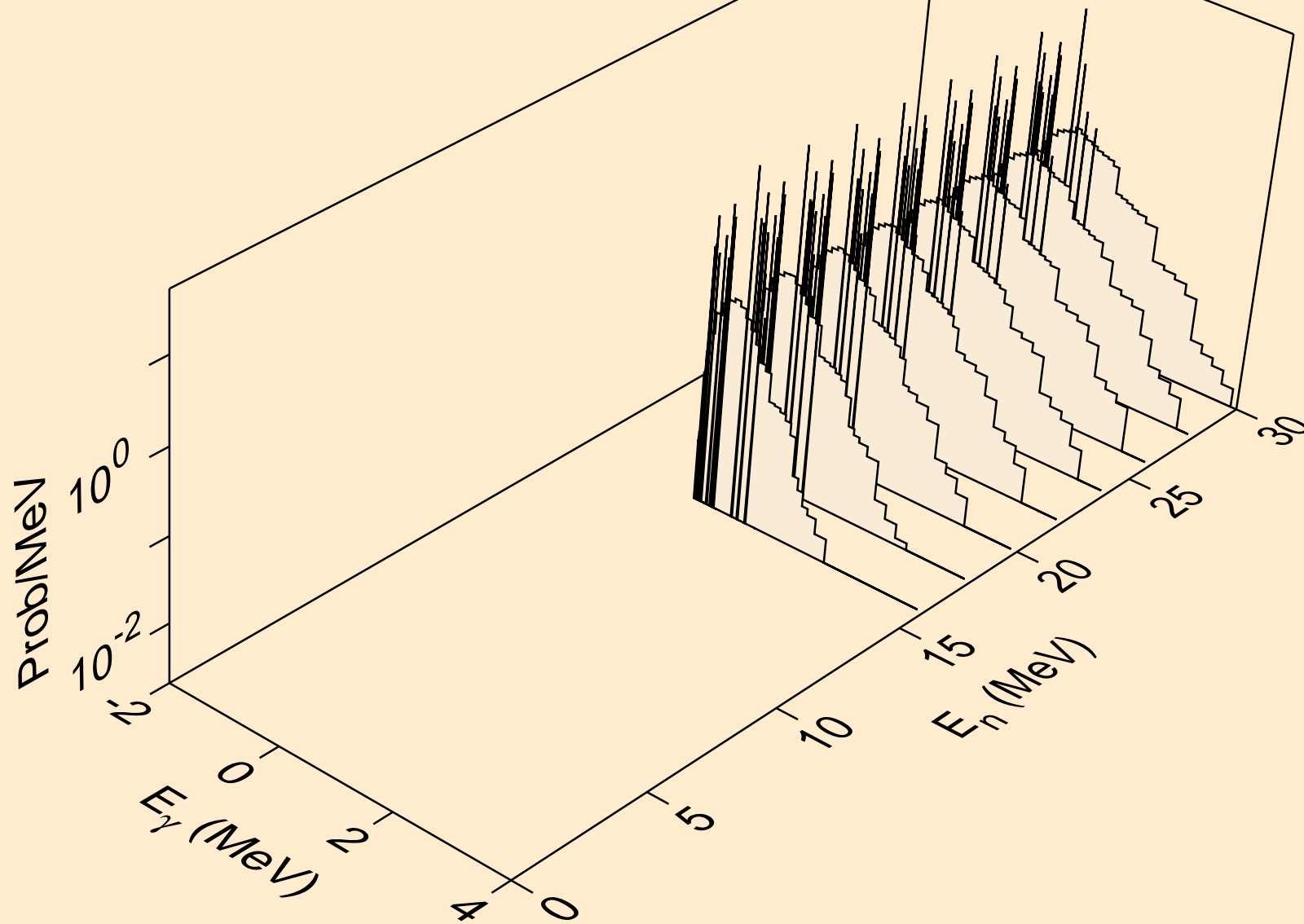


BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)

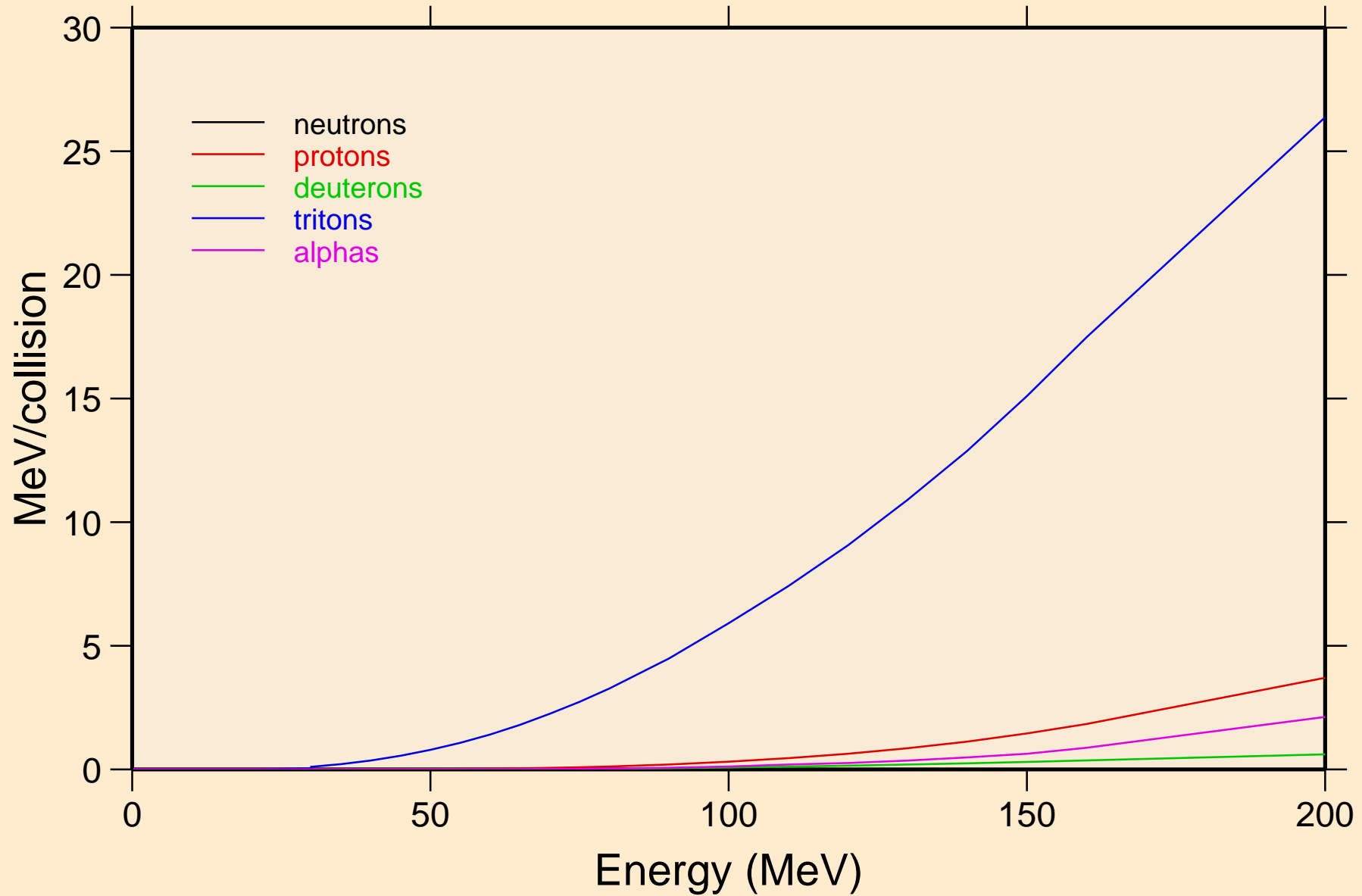




BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)

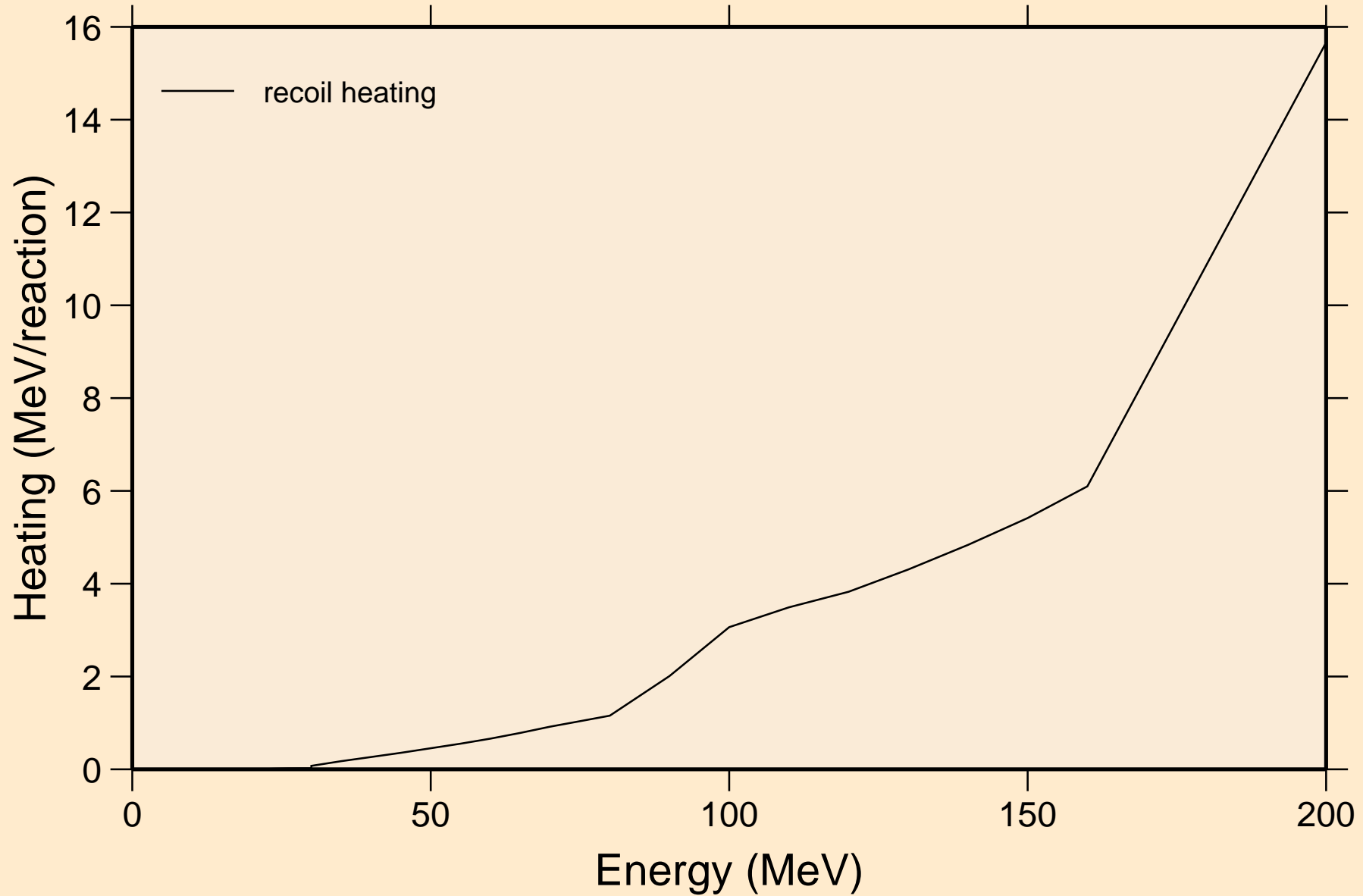


BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions

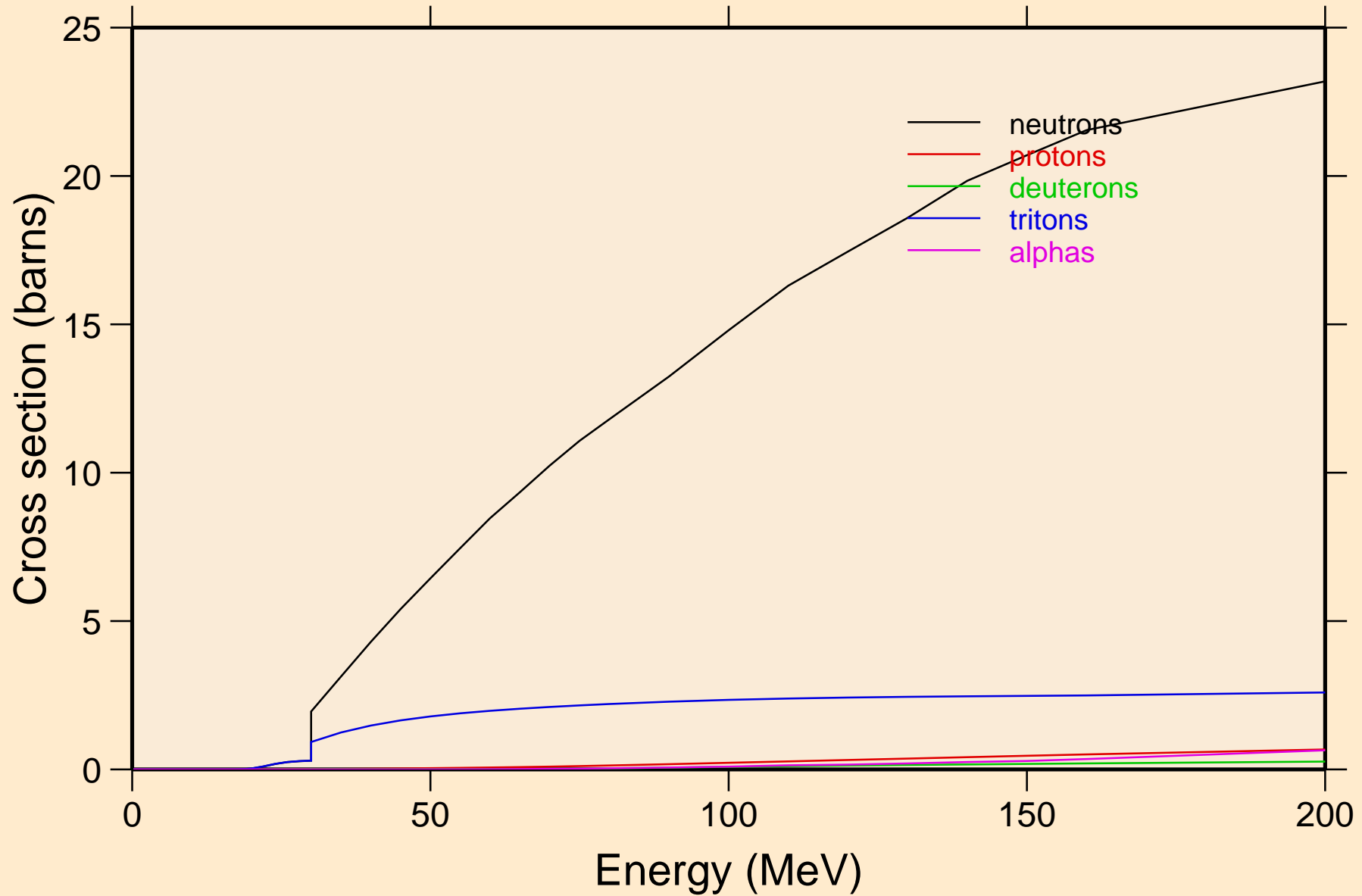


BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K

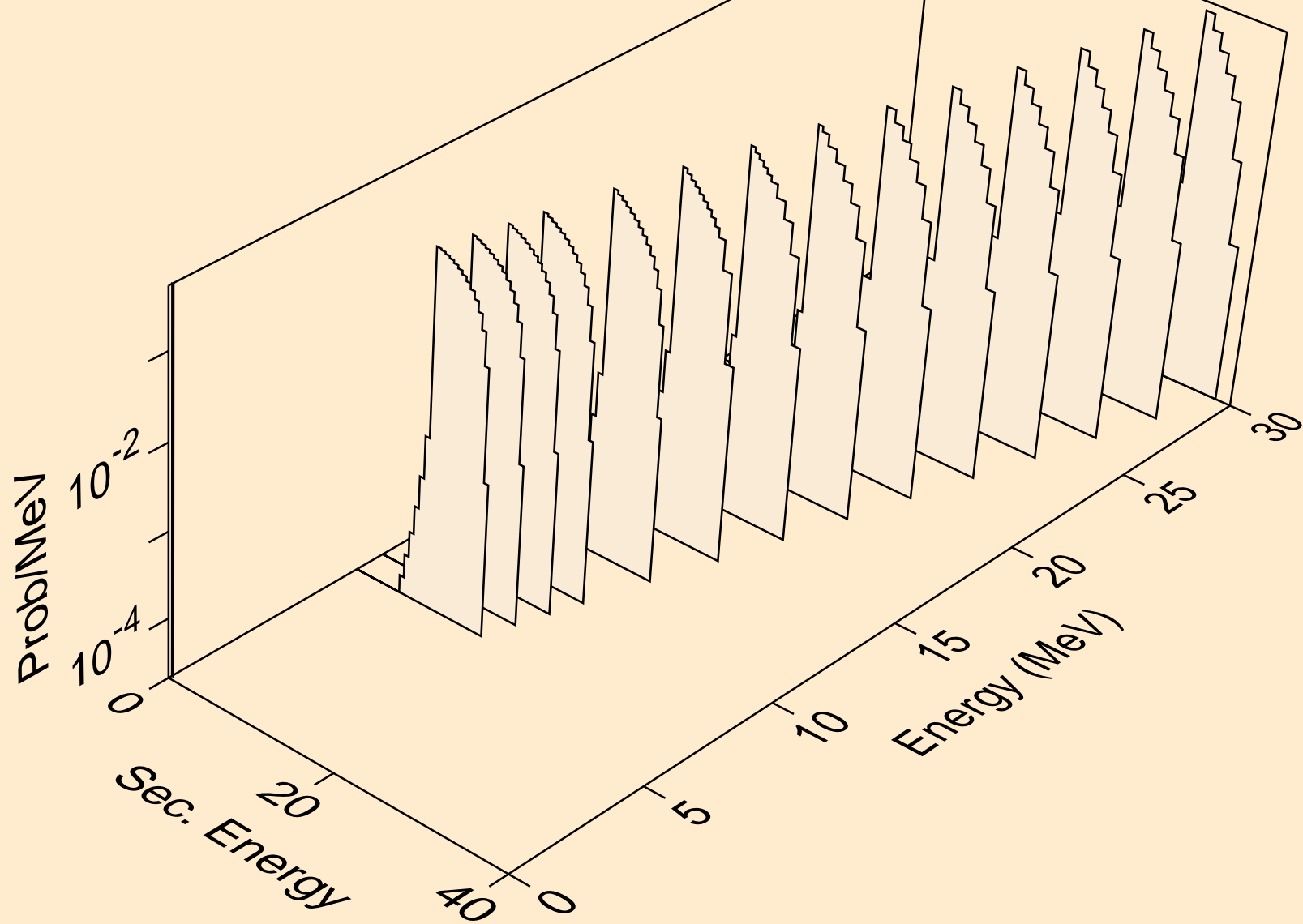
### Recoil Heating



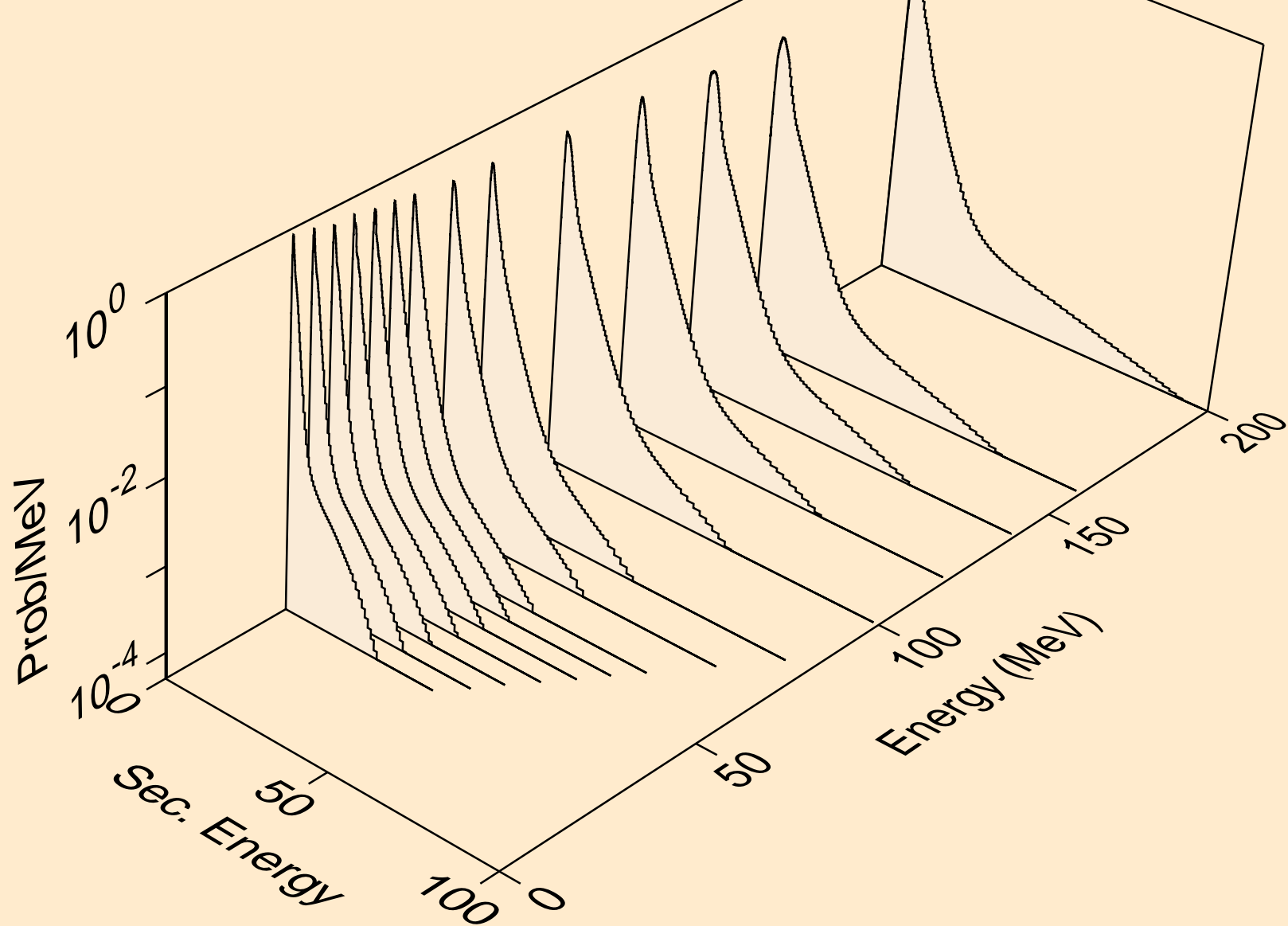
BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



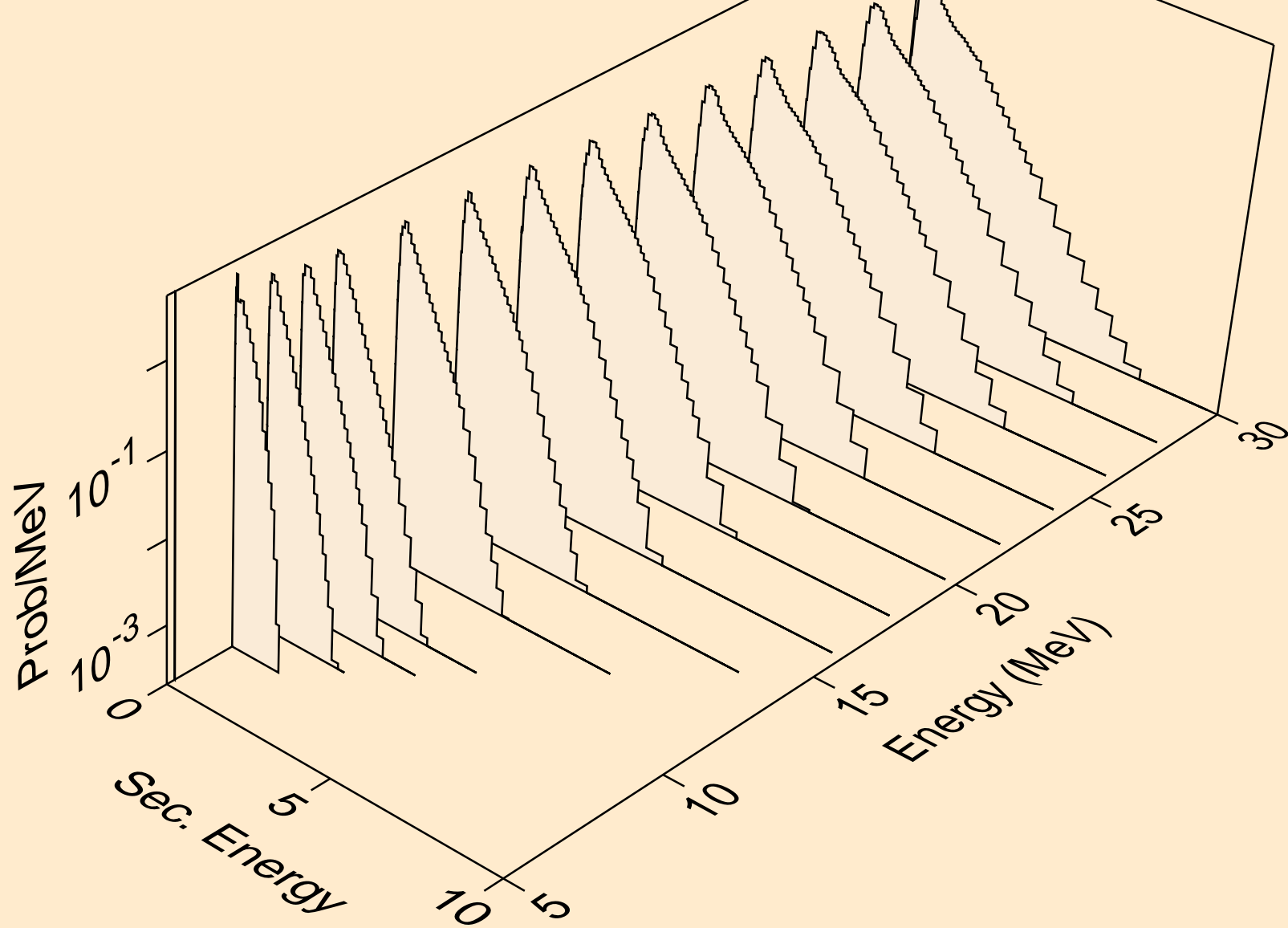
BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n)



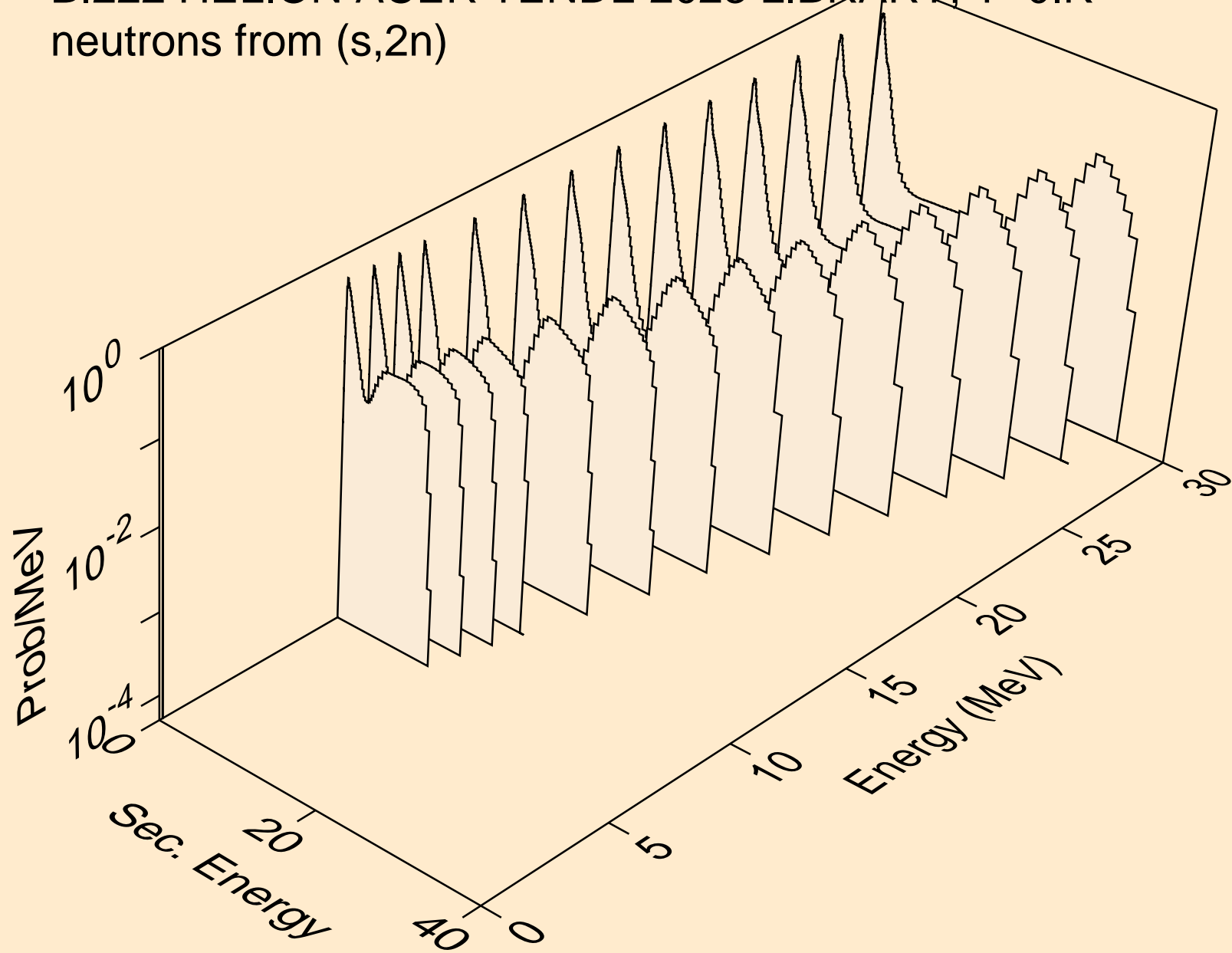
BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,x)



BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2nd)

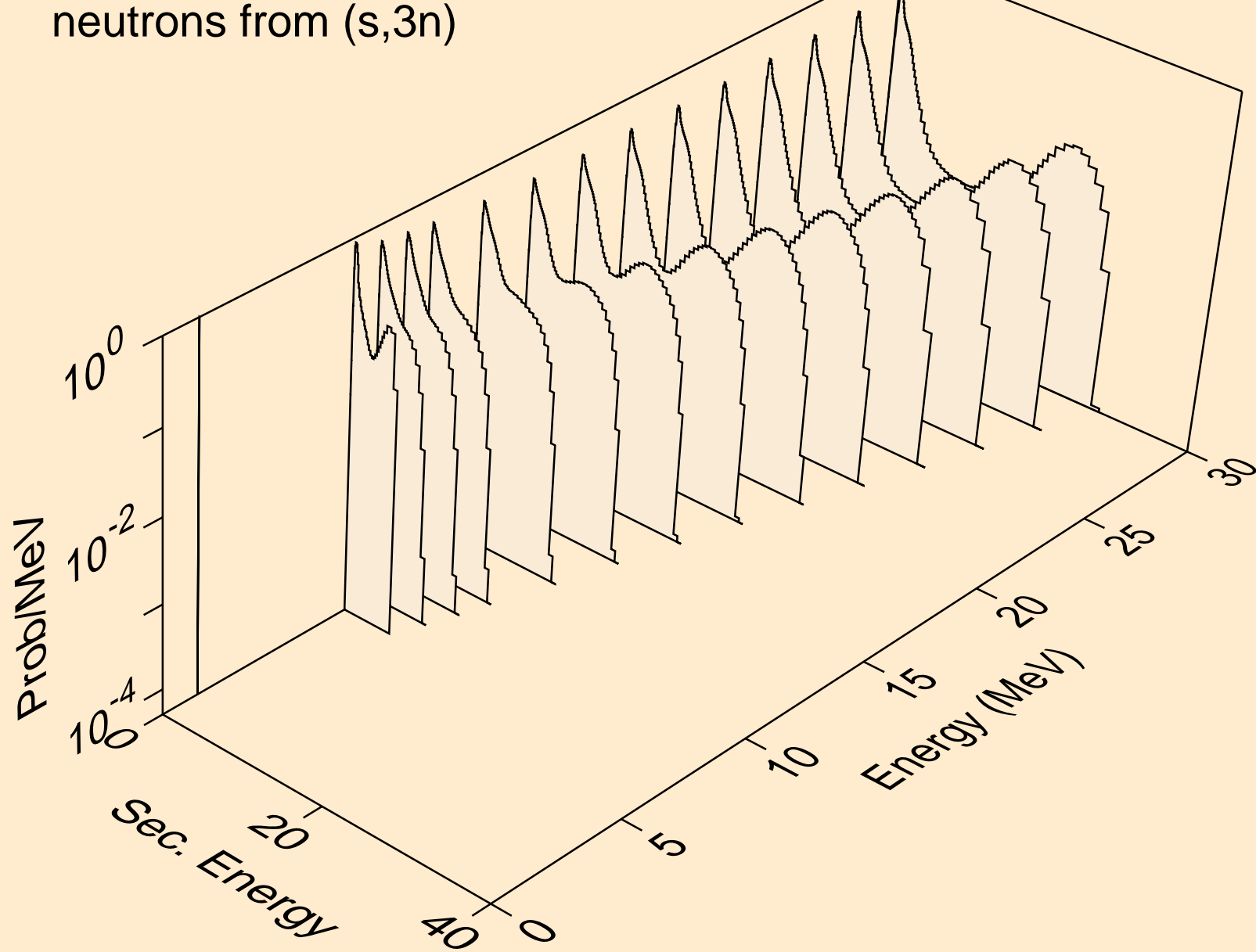


BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)

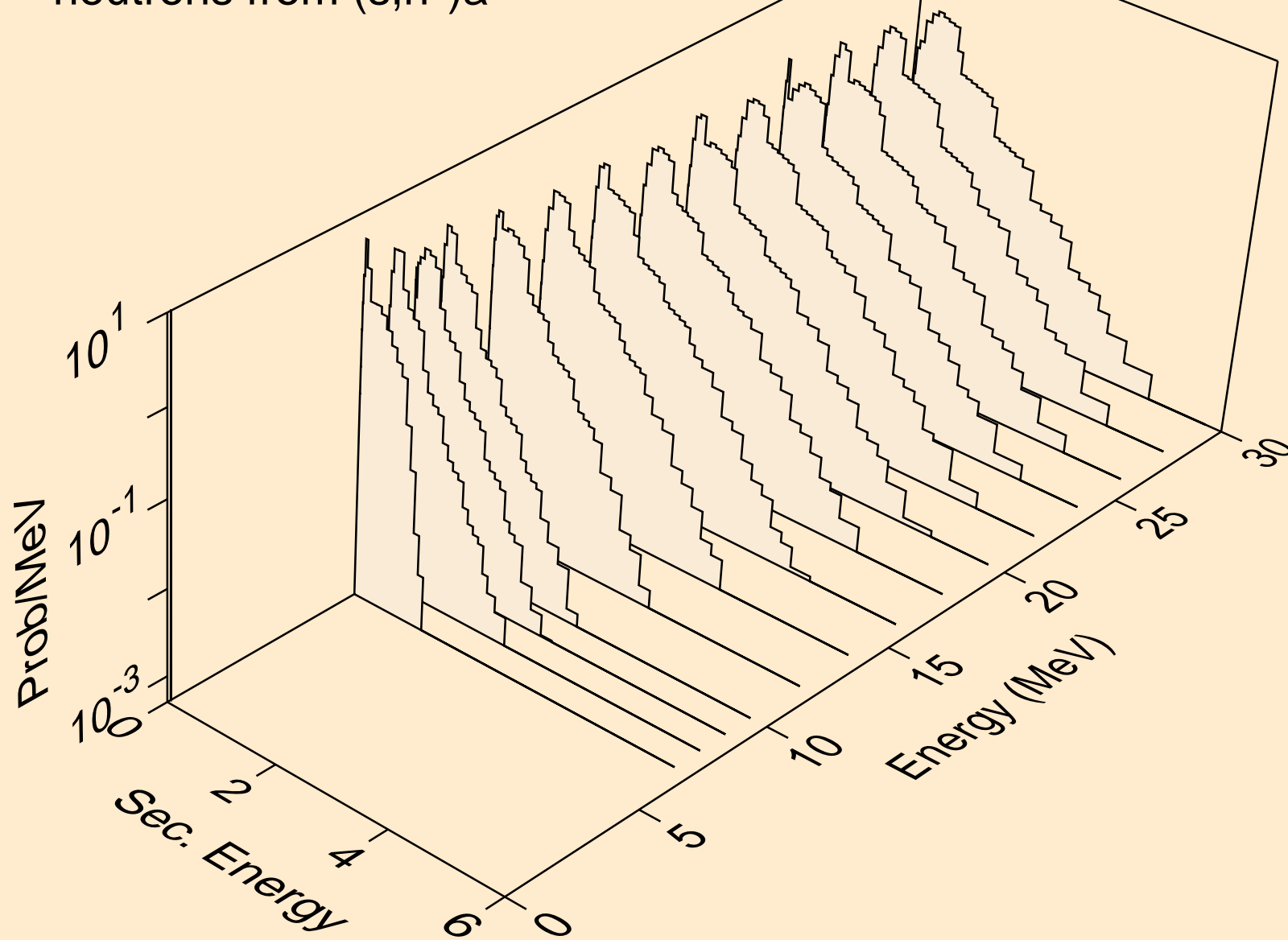




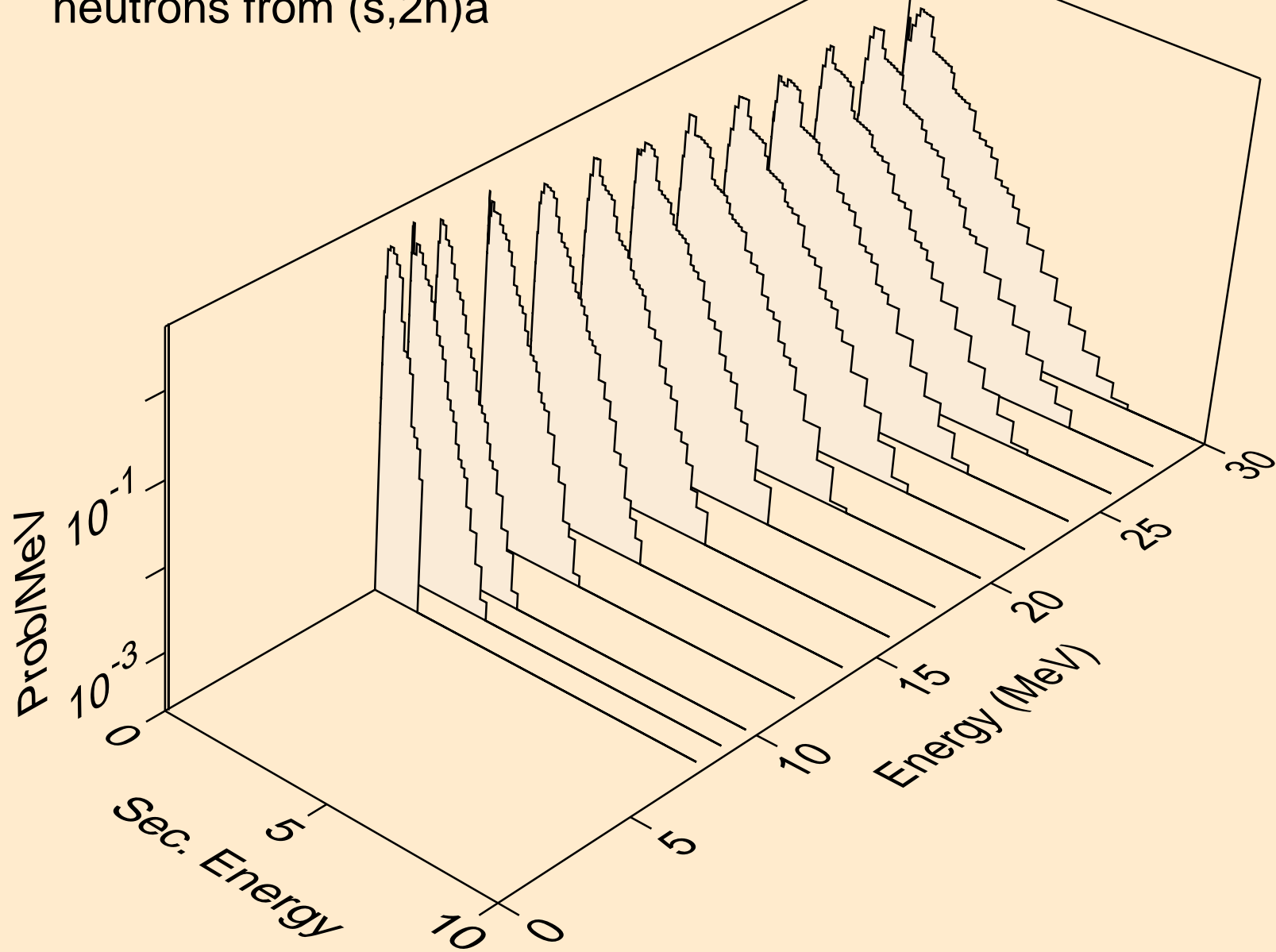
BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3n)



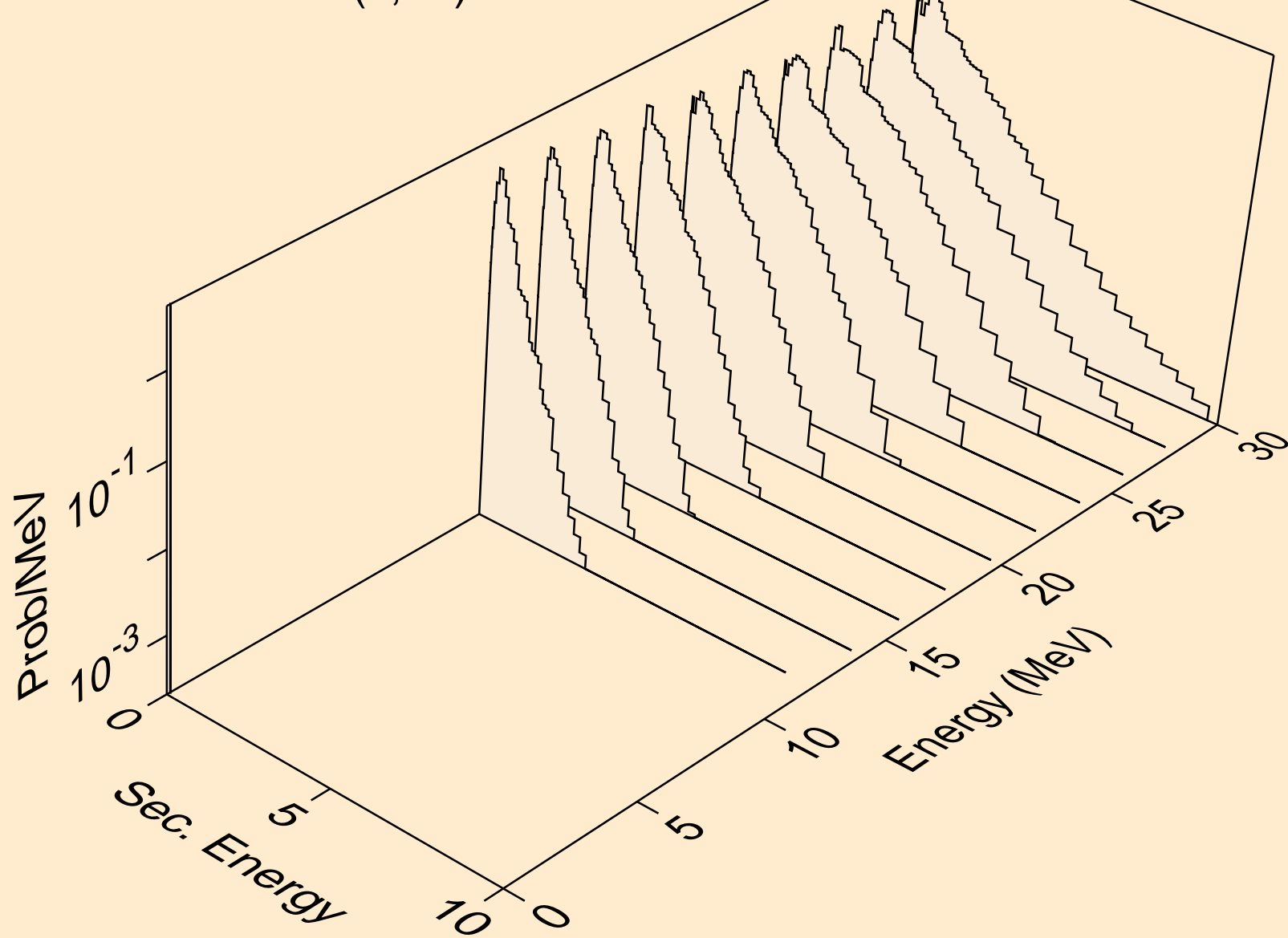
BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)a



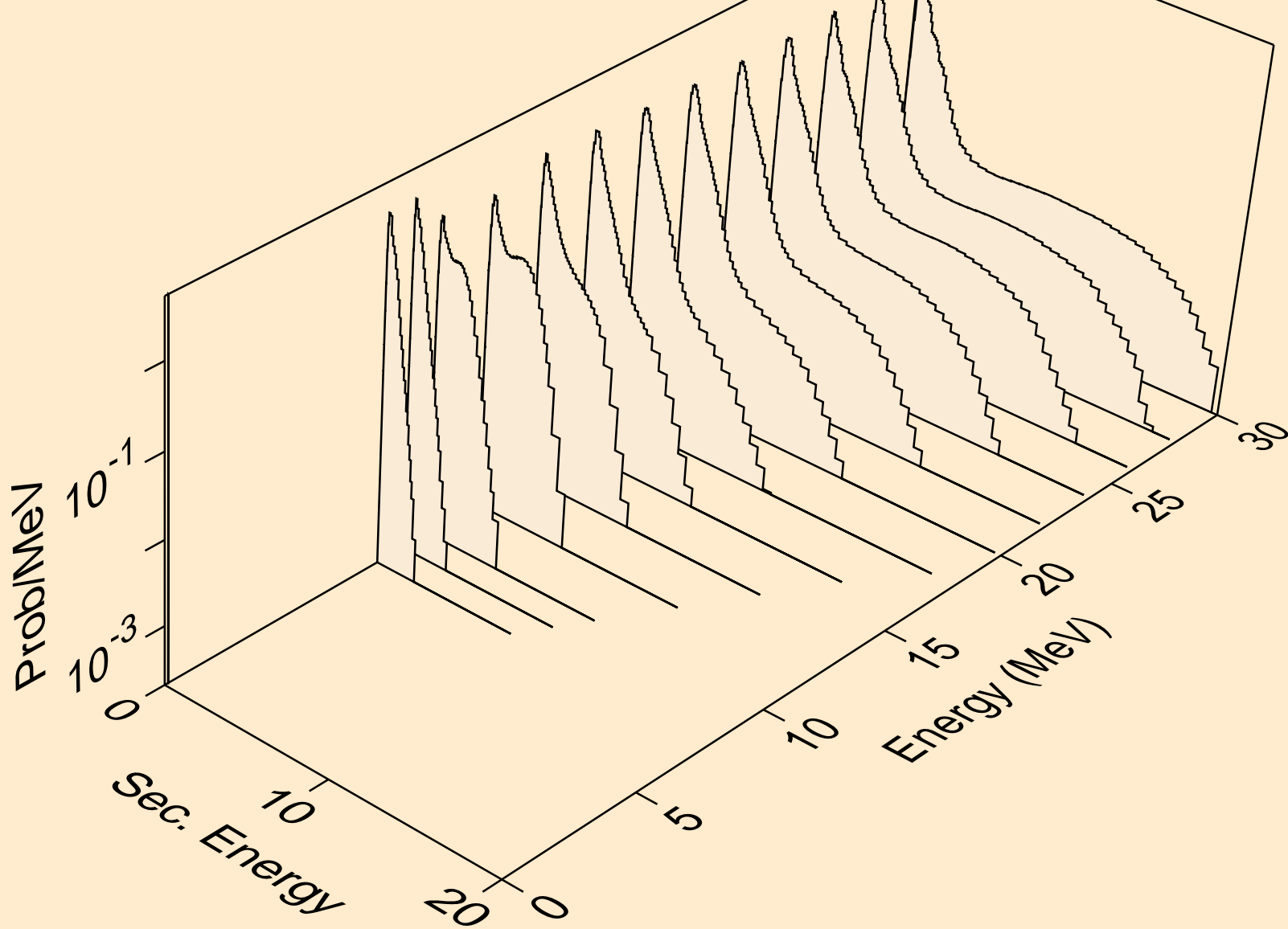
BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)a



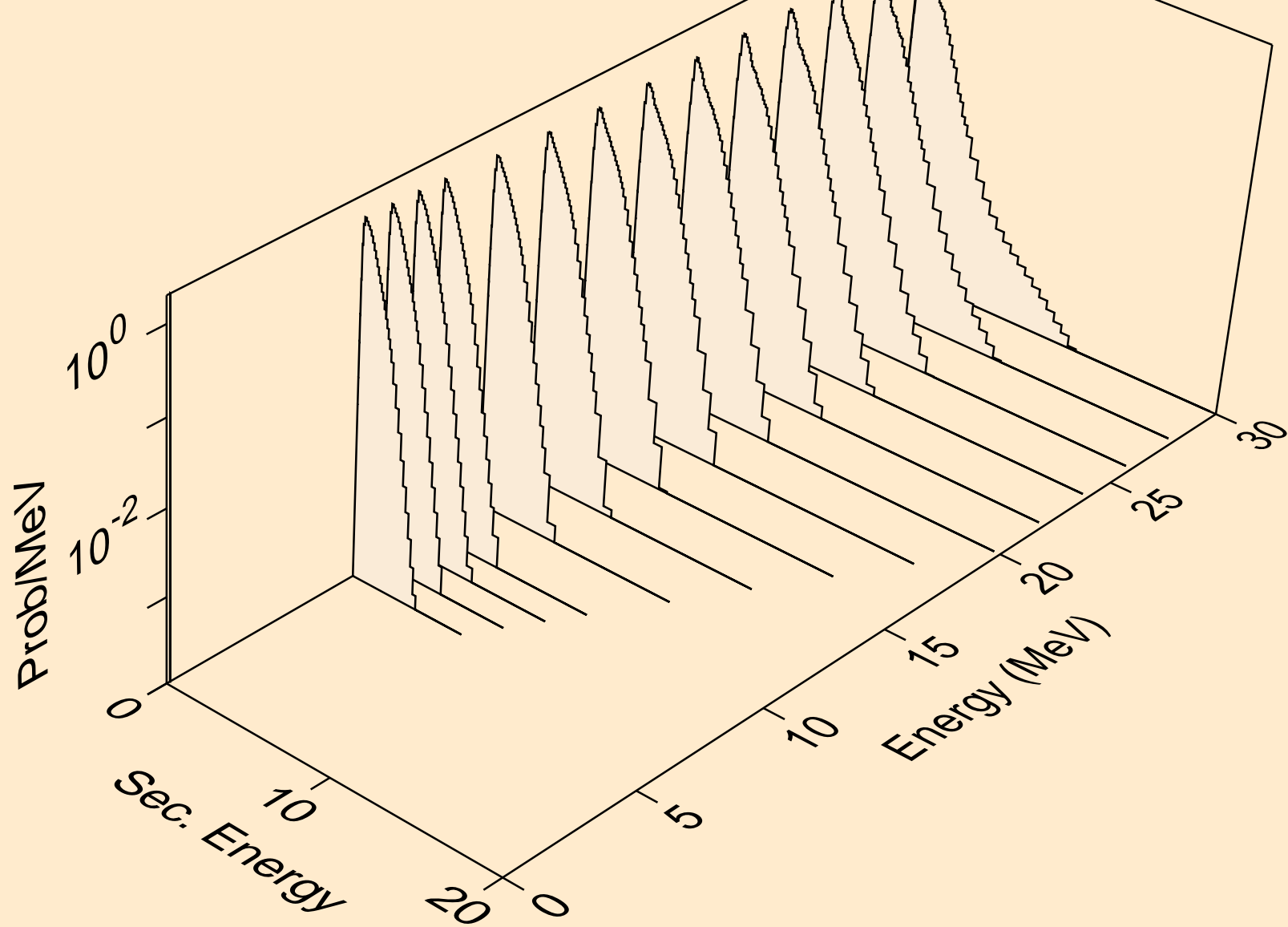
BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3n)a



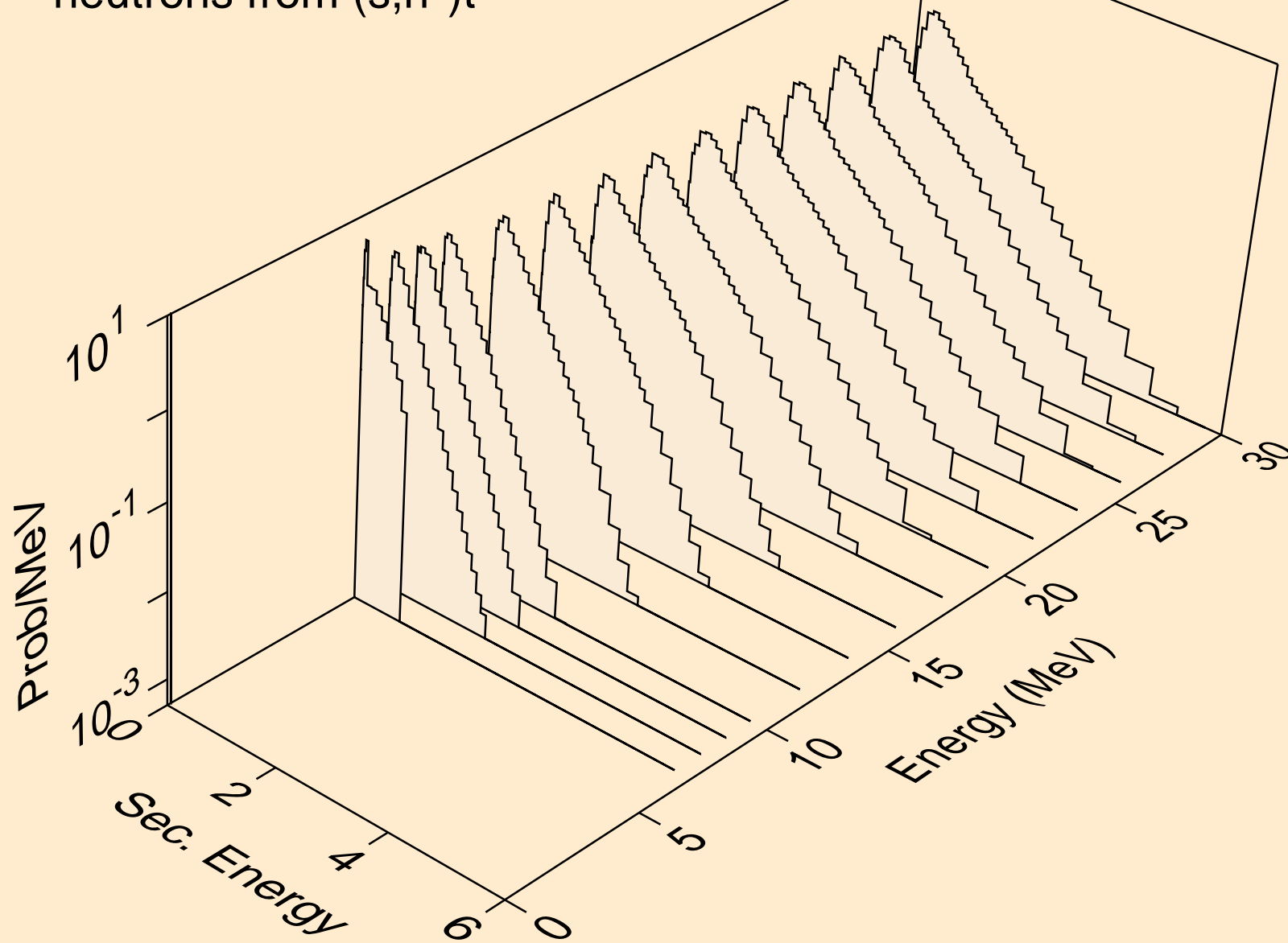
BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)p



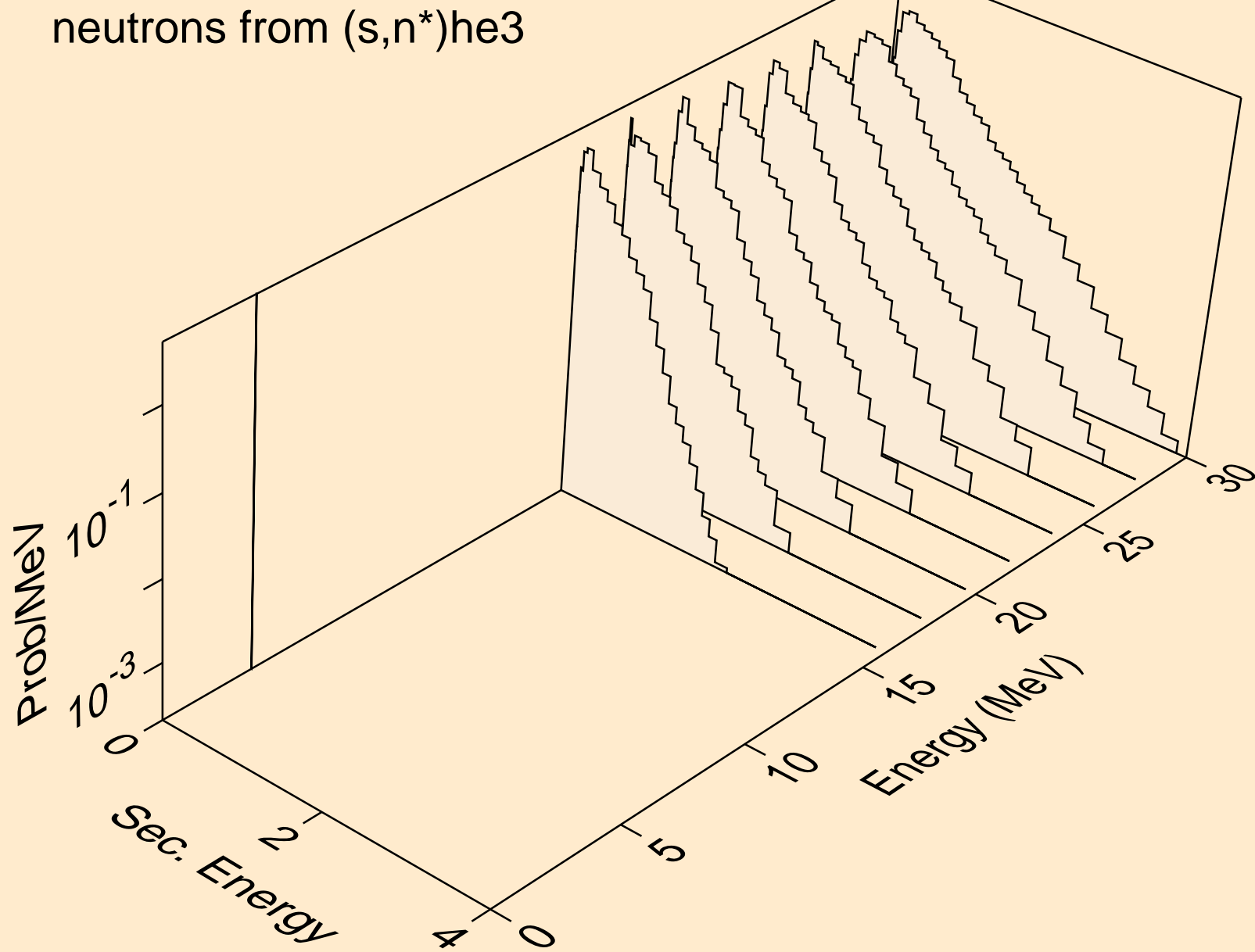
BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)d



BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)t

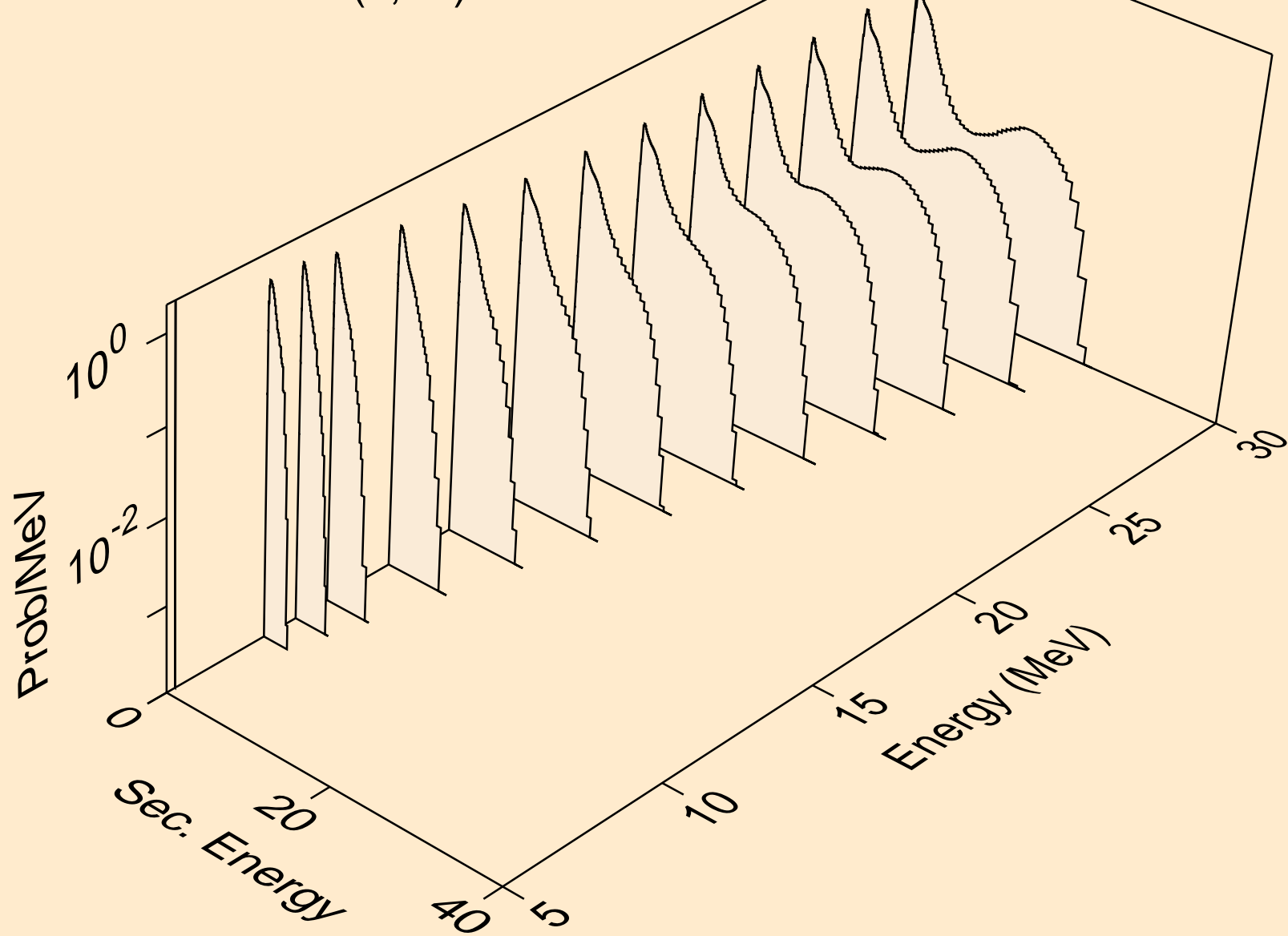


BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)he3

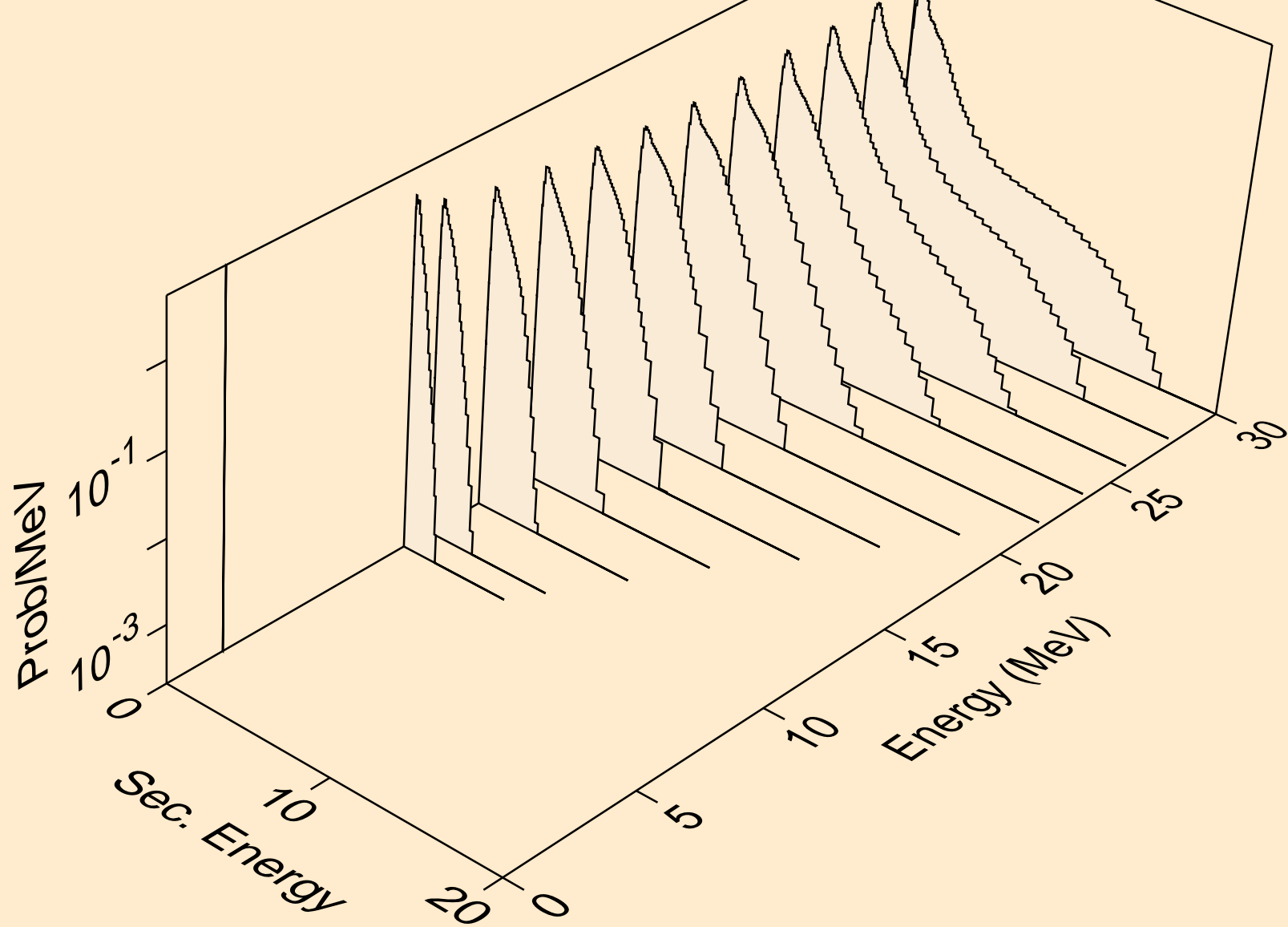




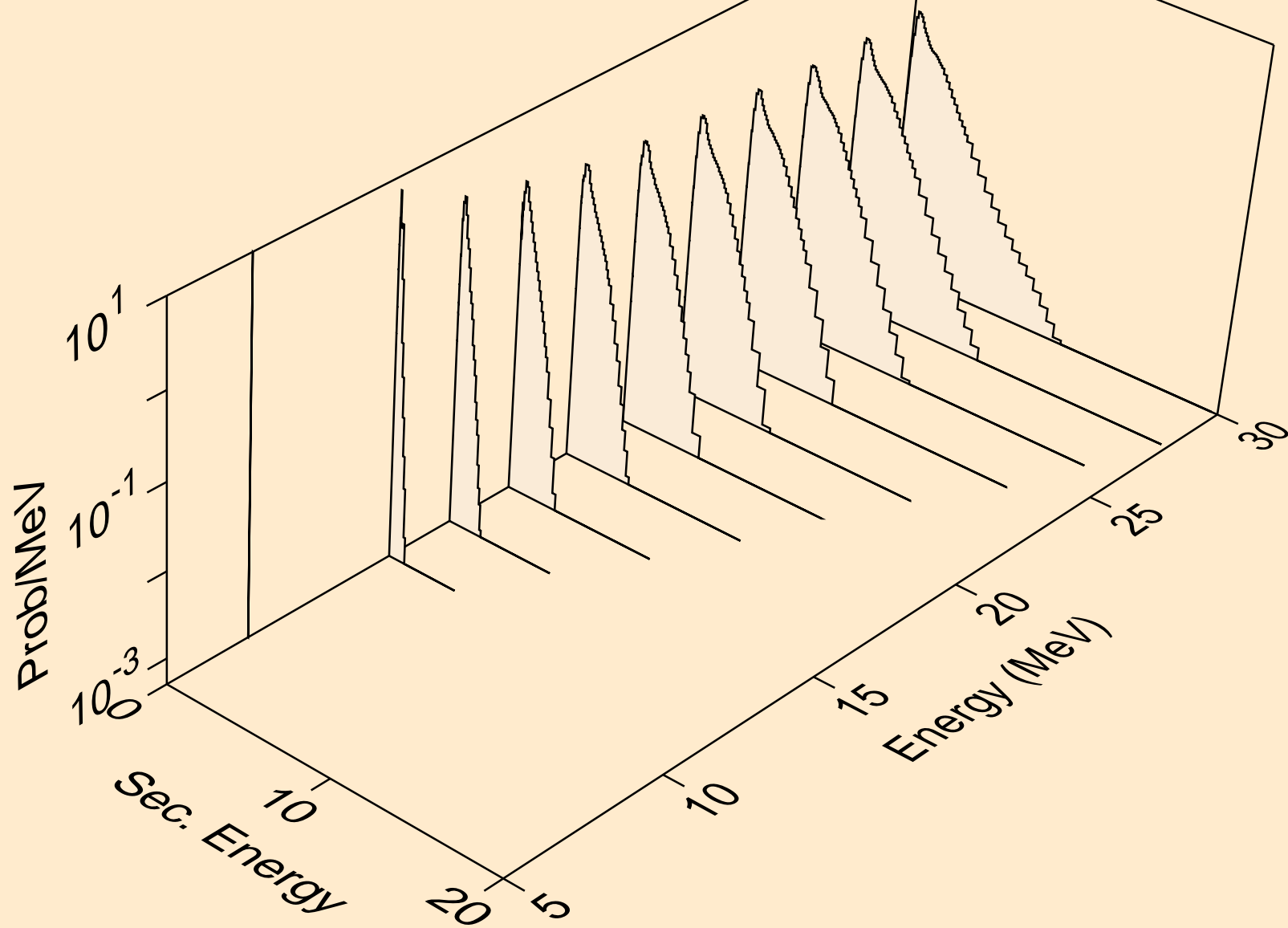
BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,4n)



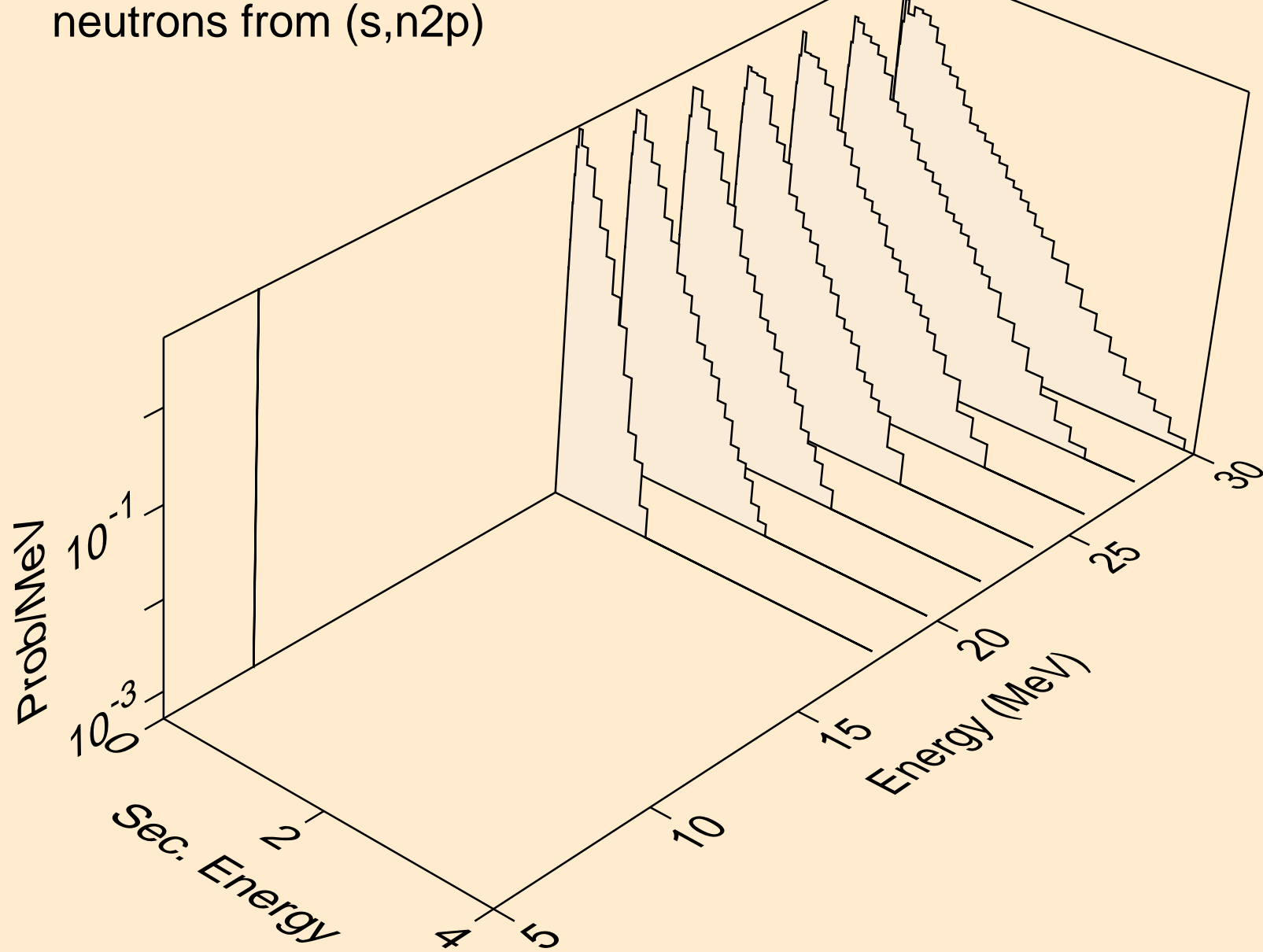
BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2np)



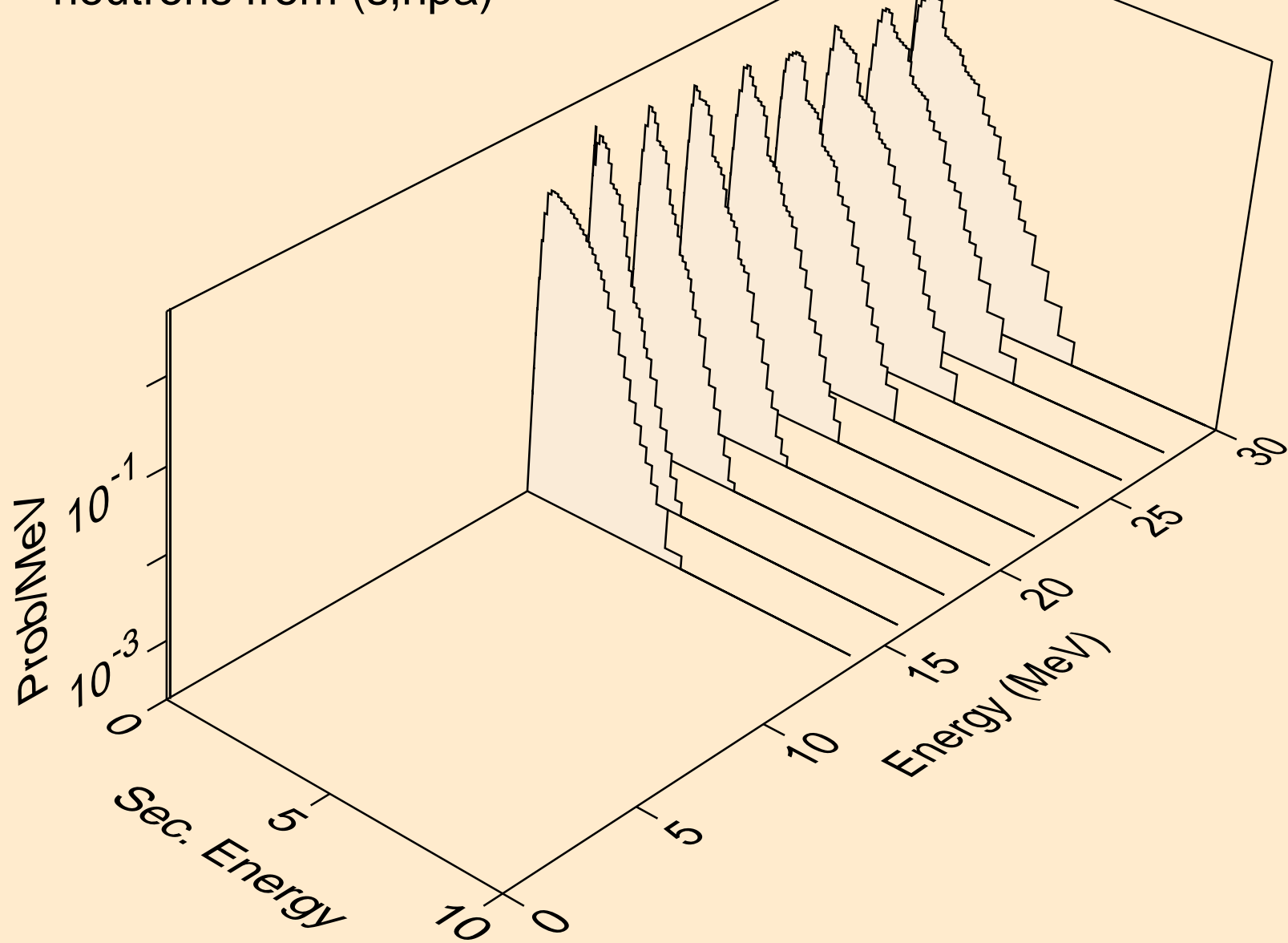
BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3np)



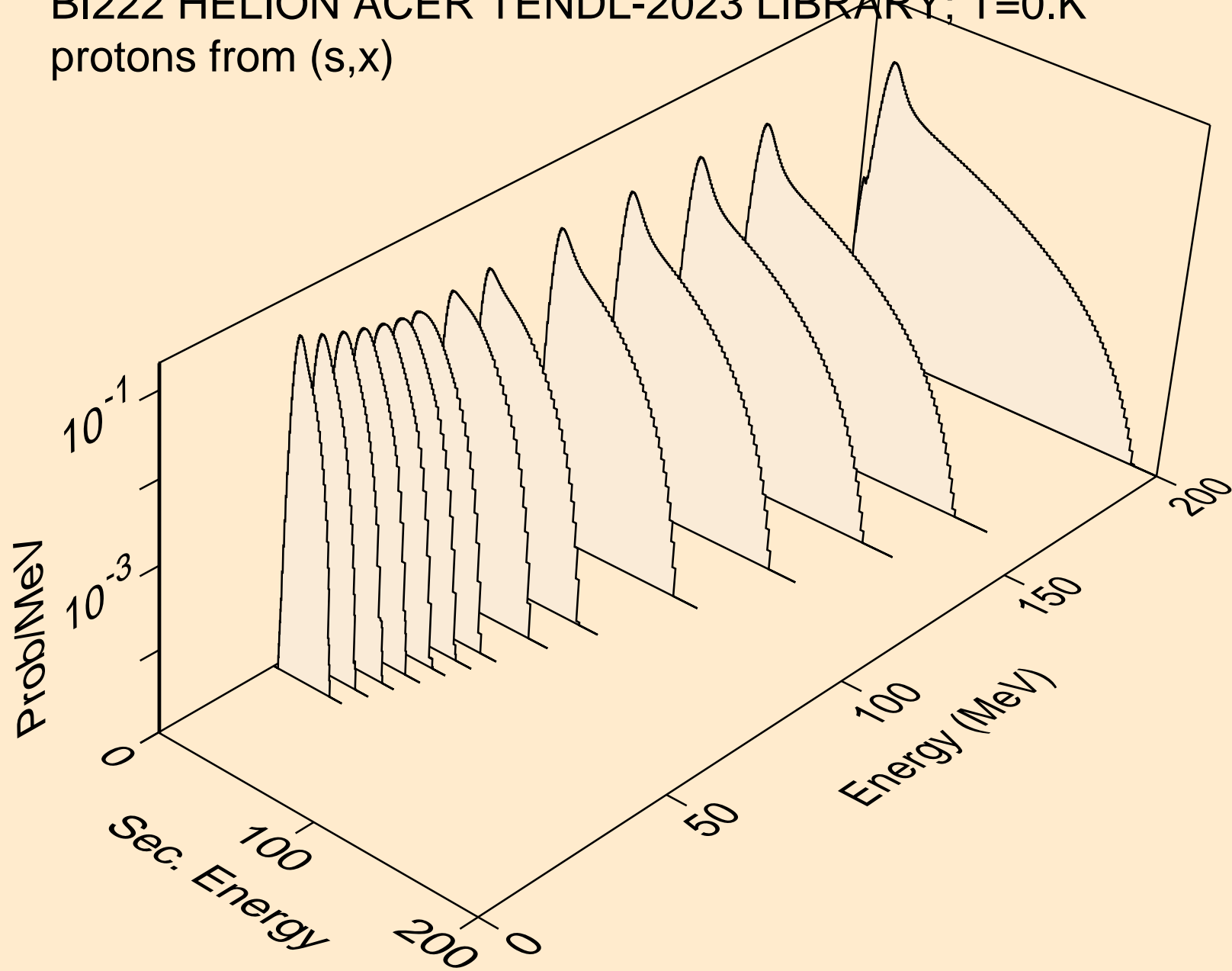
BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n2p)



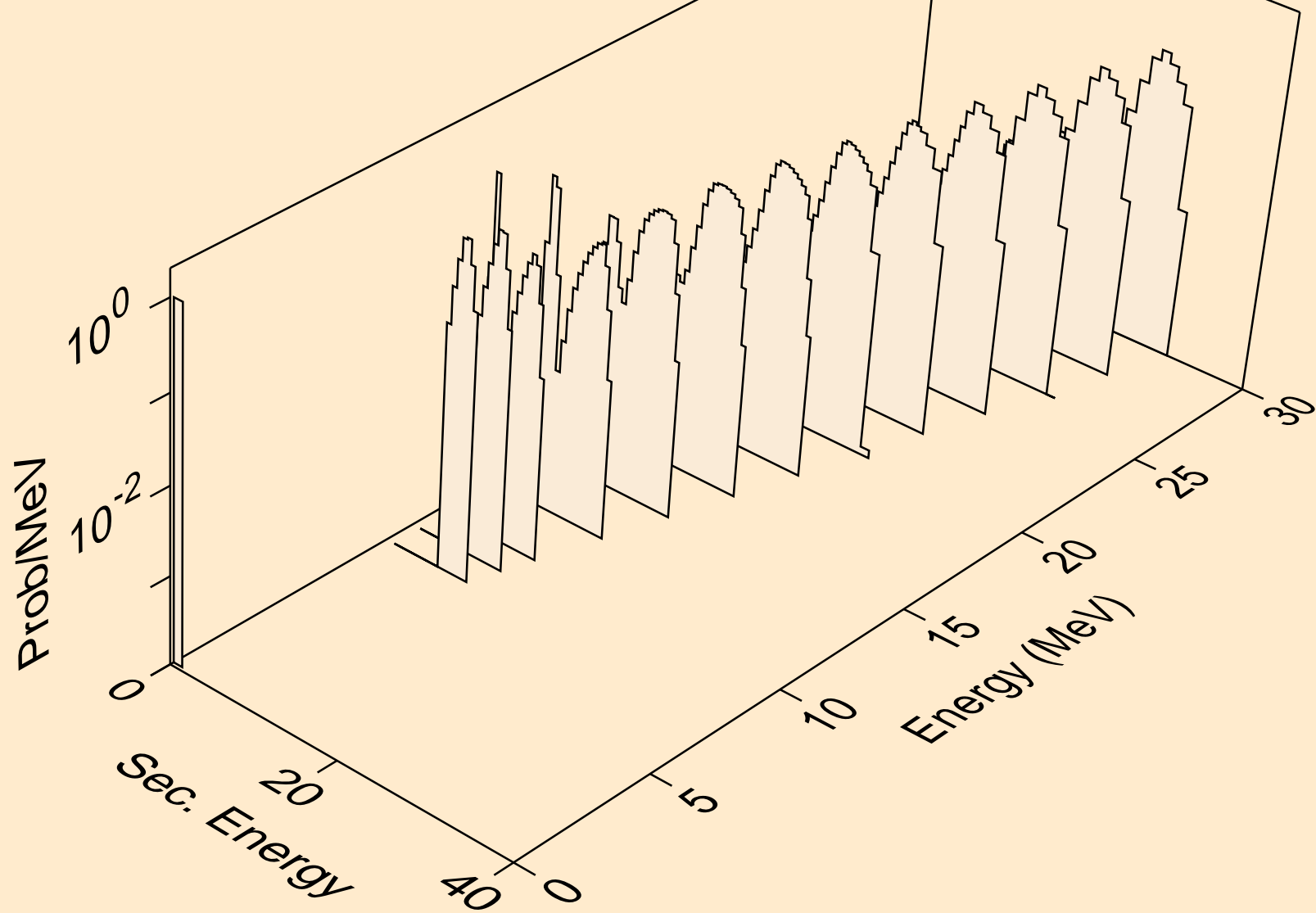
BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,npa)



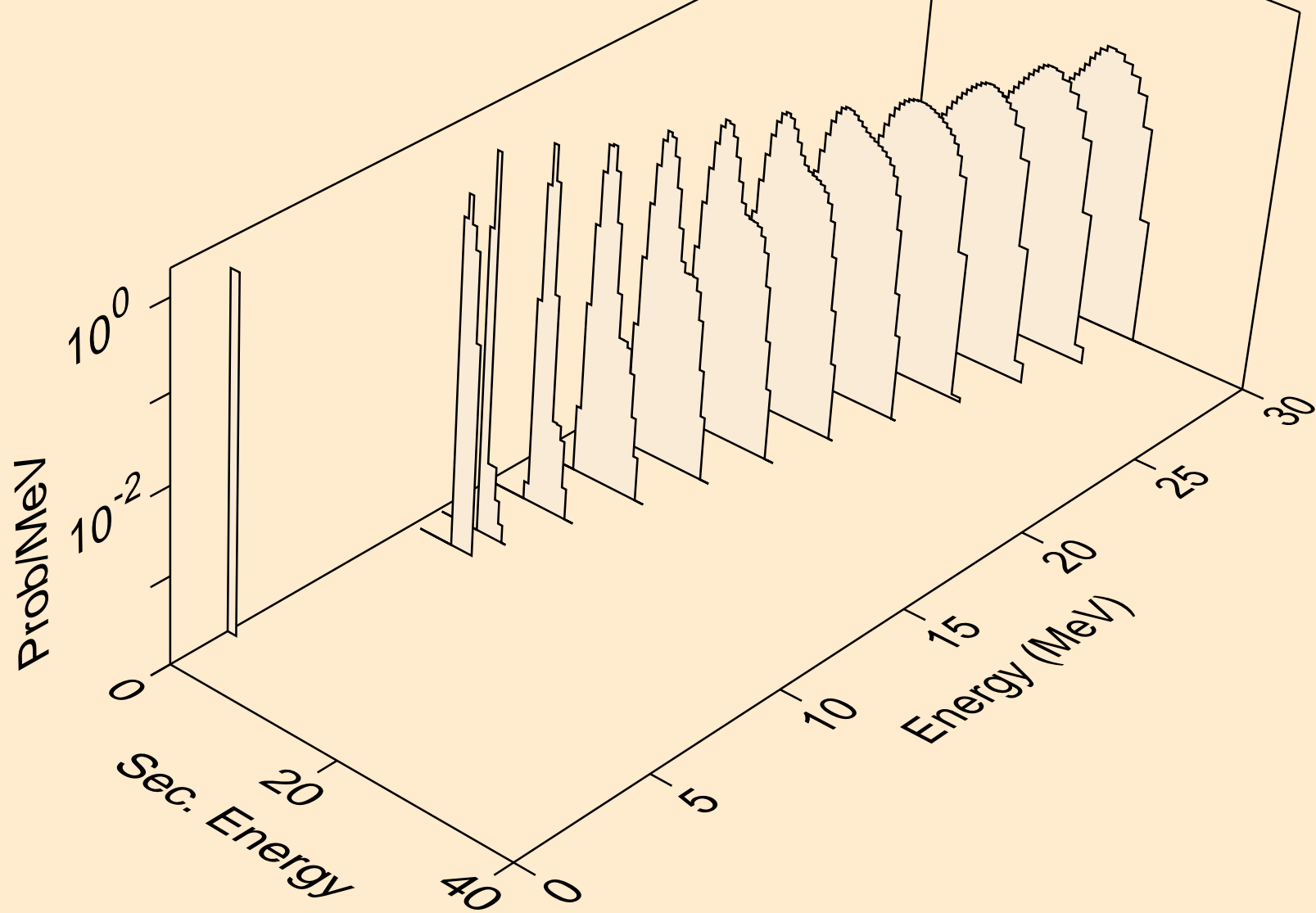
BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,x)



BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,n\*)p

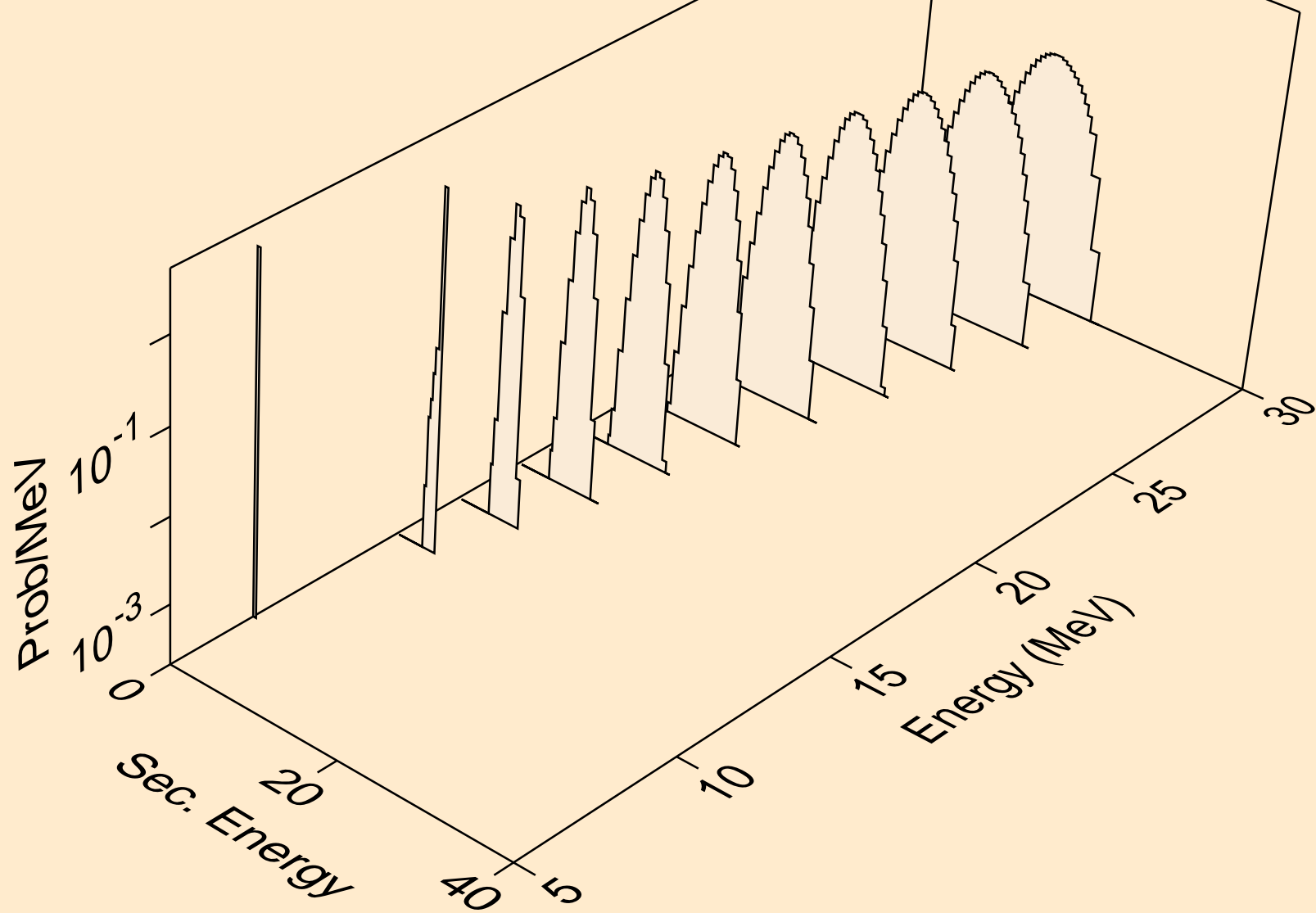


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protons from (s,2np)

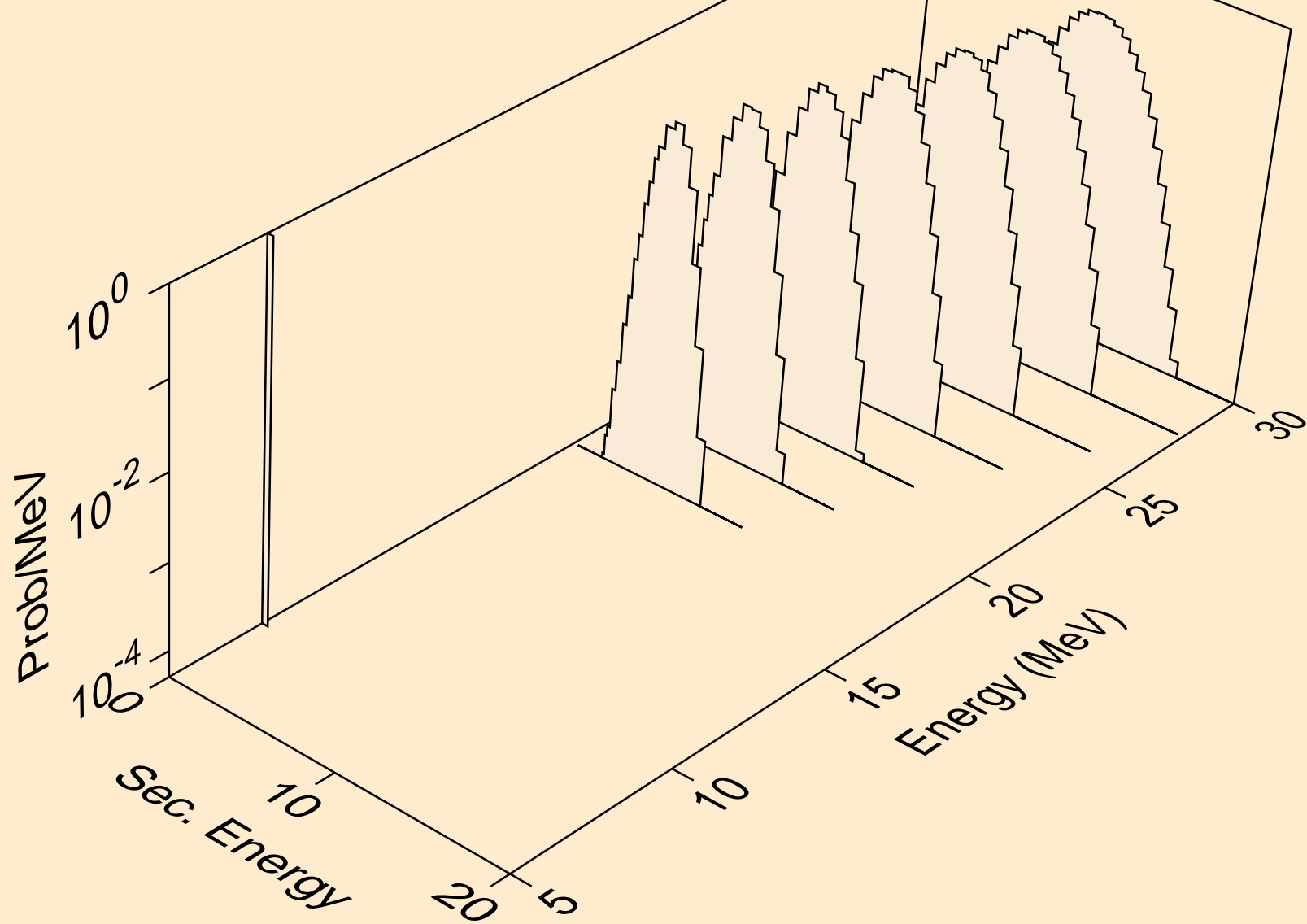




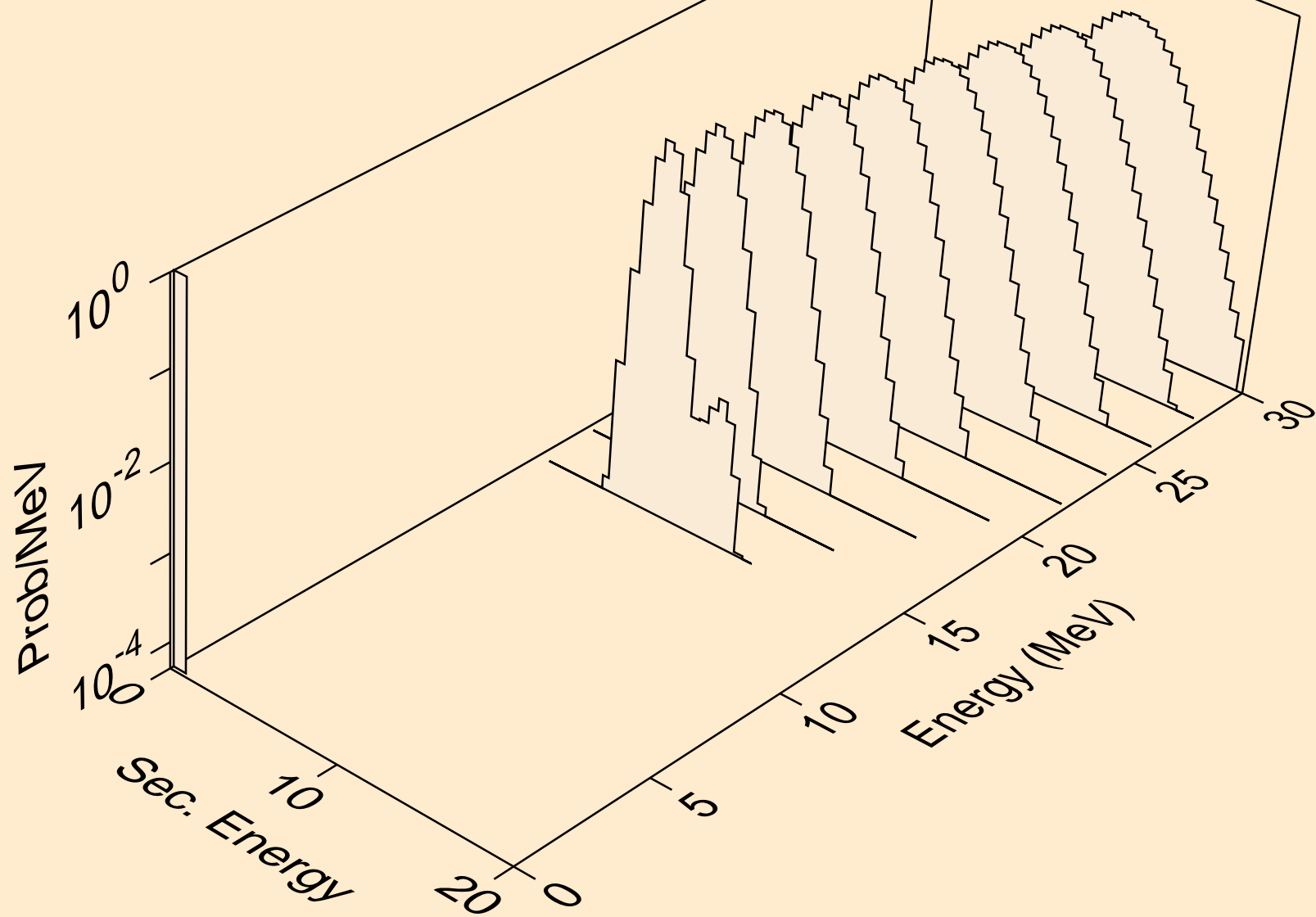
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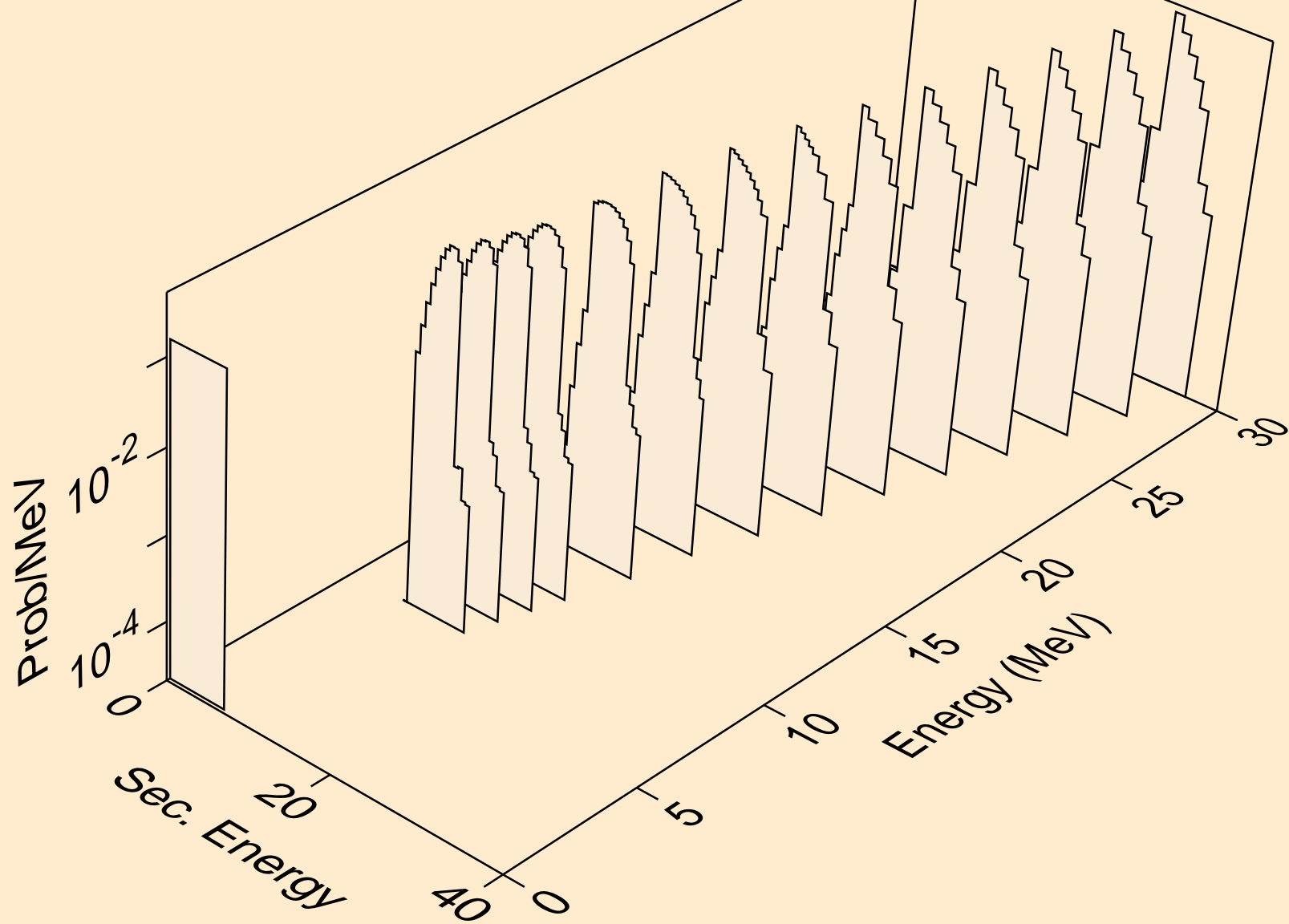
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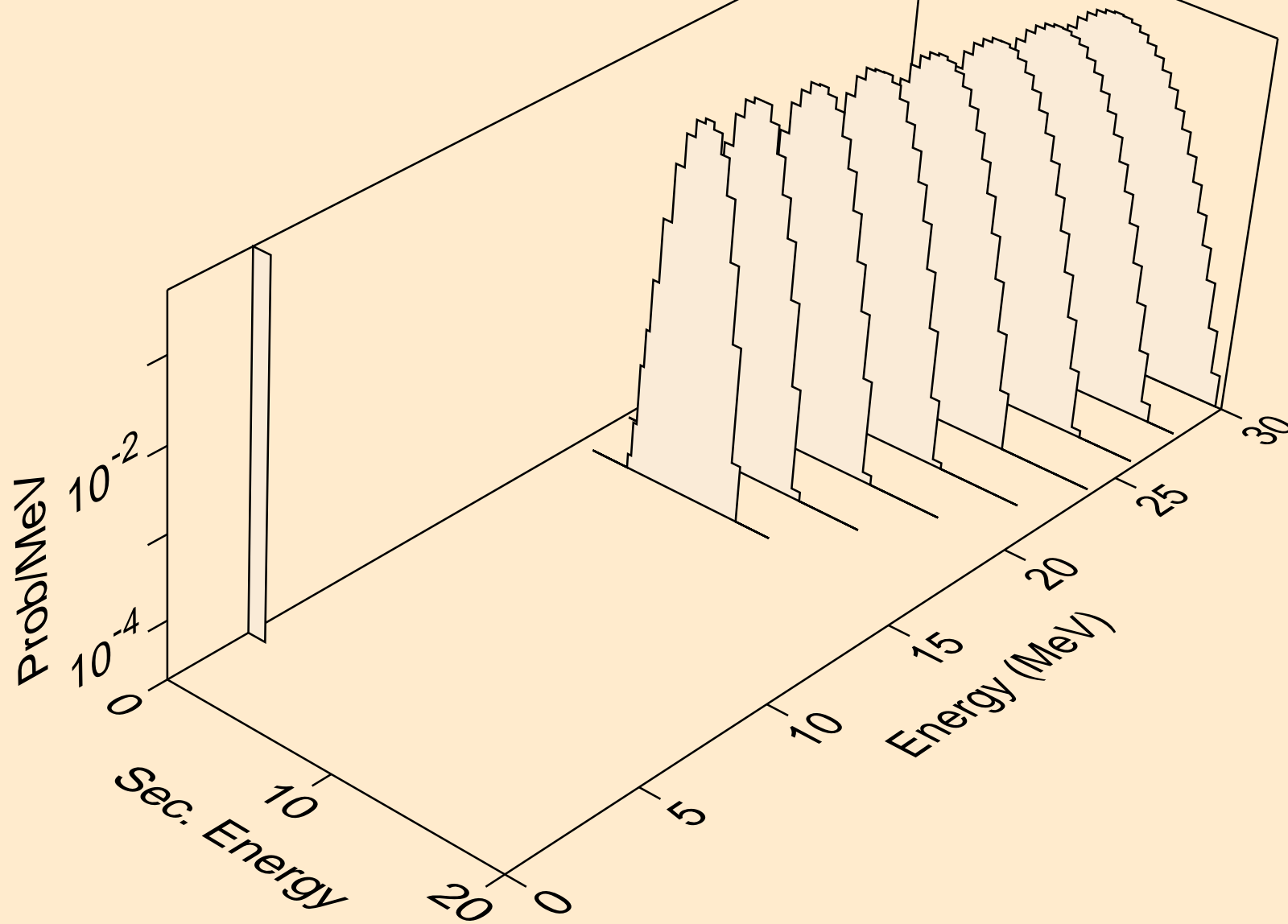
BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,npa)



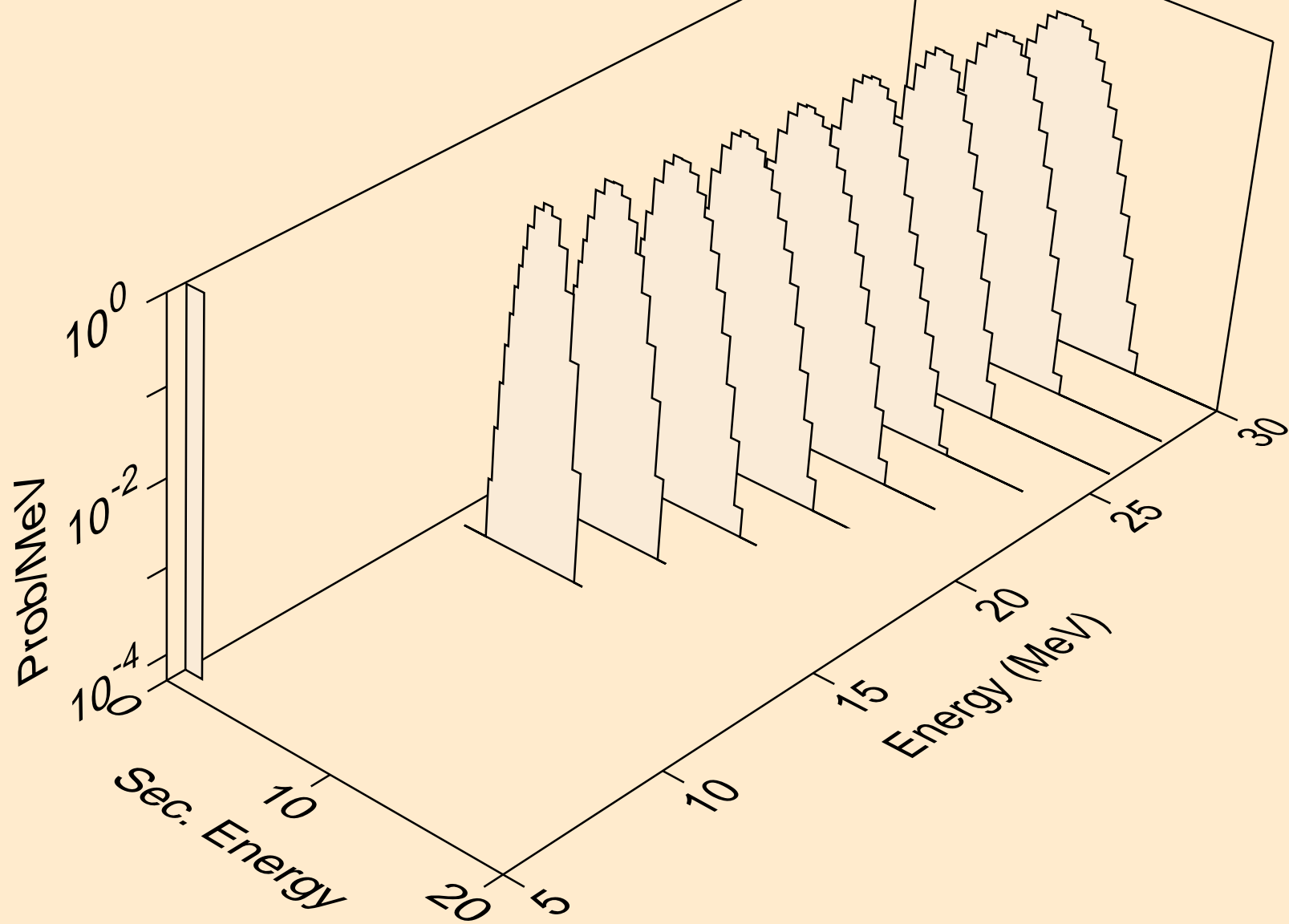
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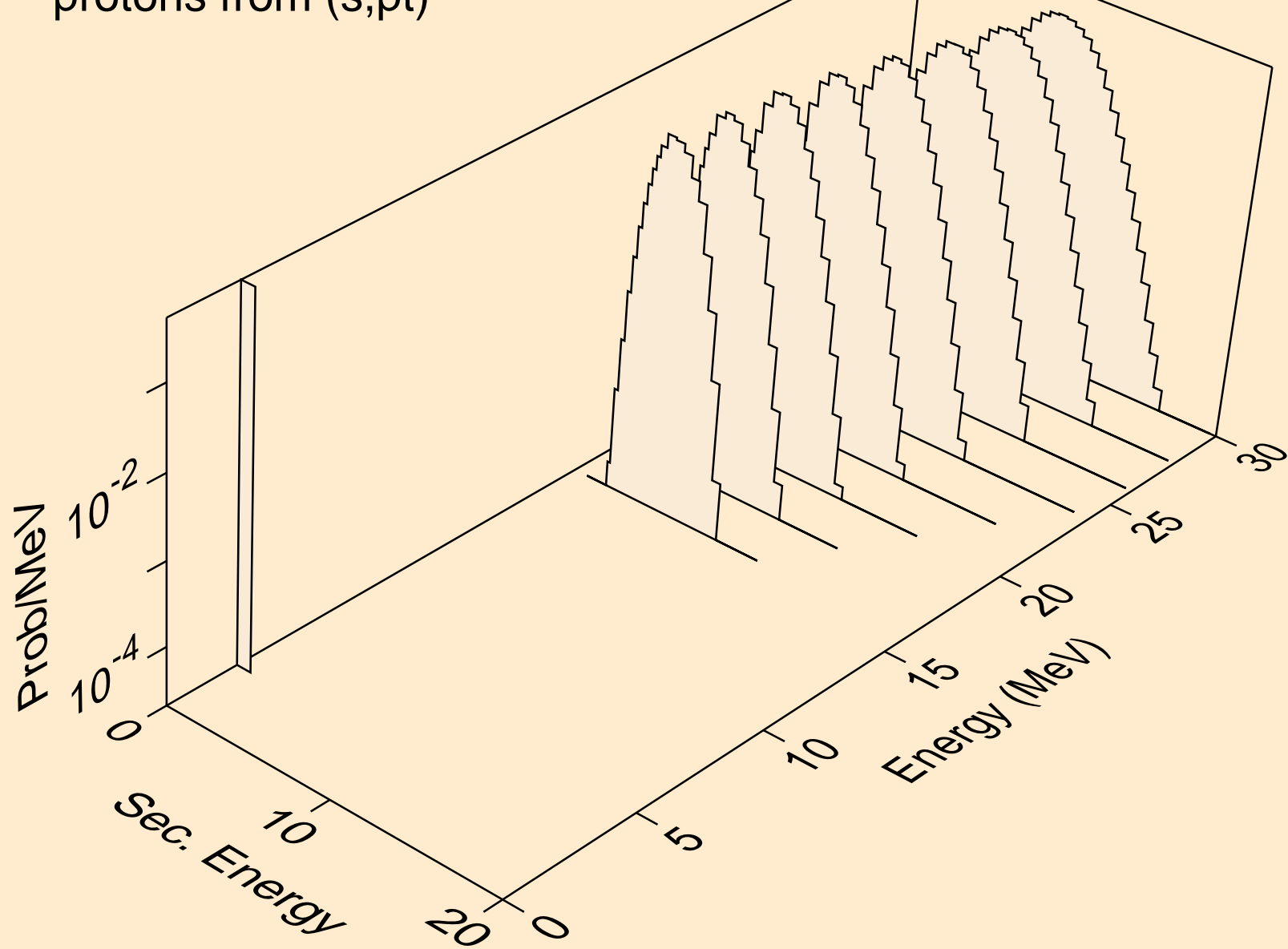
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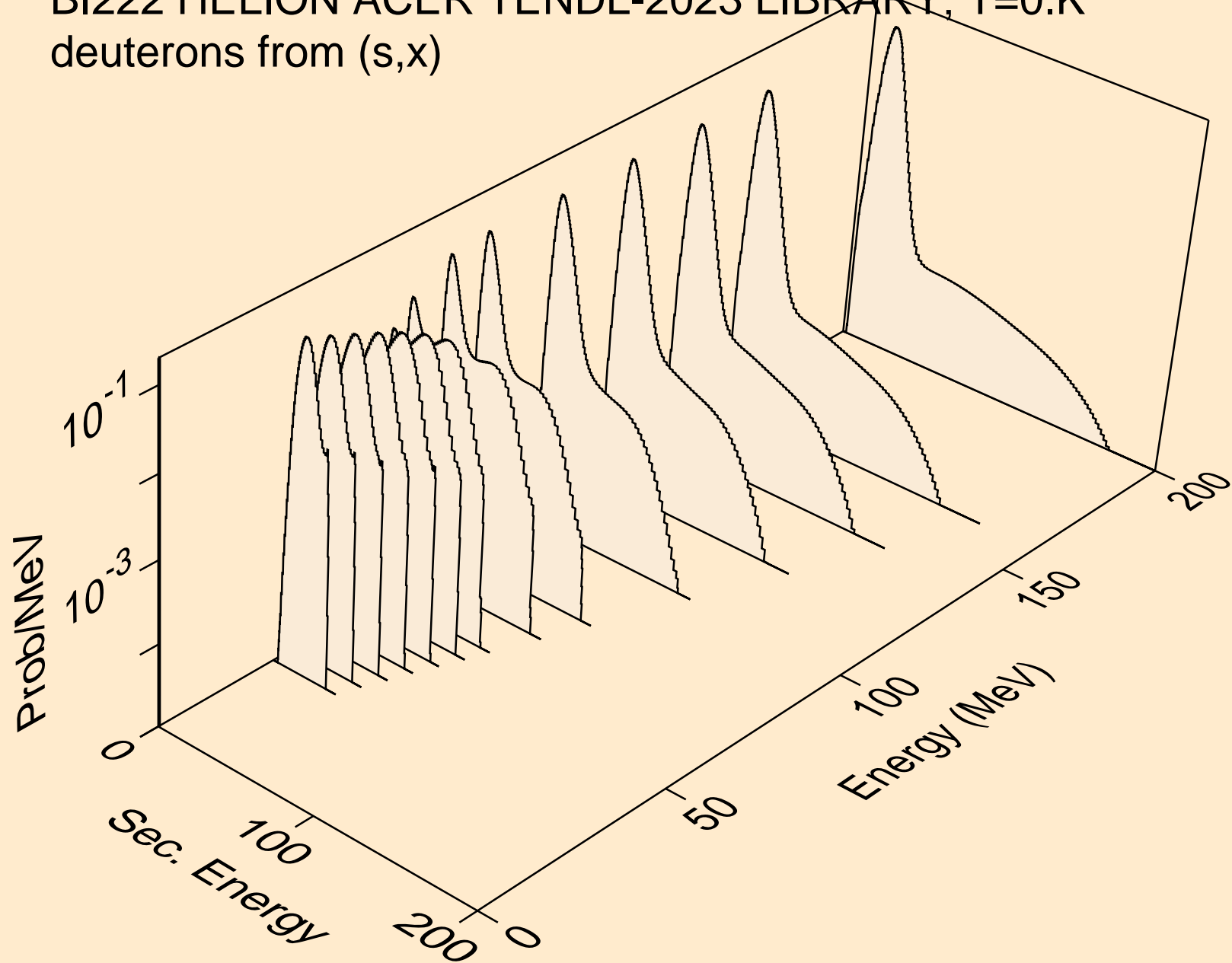
BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pd)



BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pt)

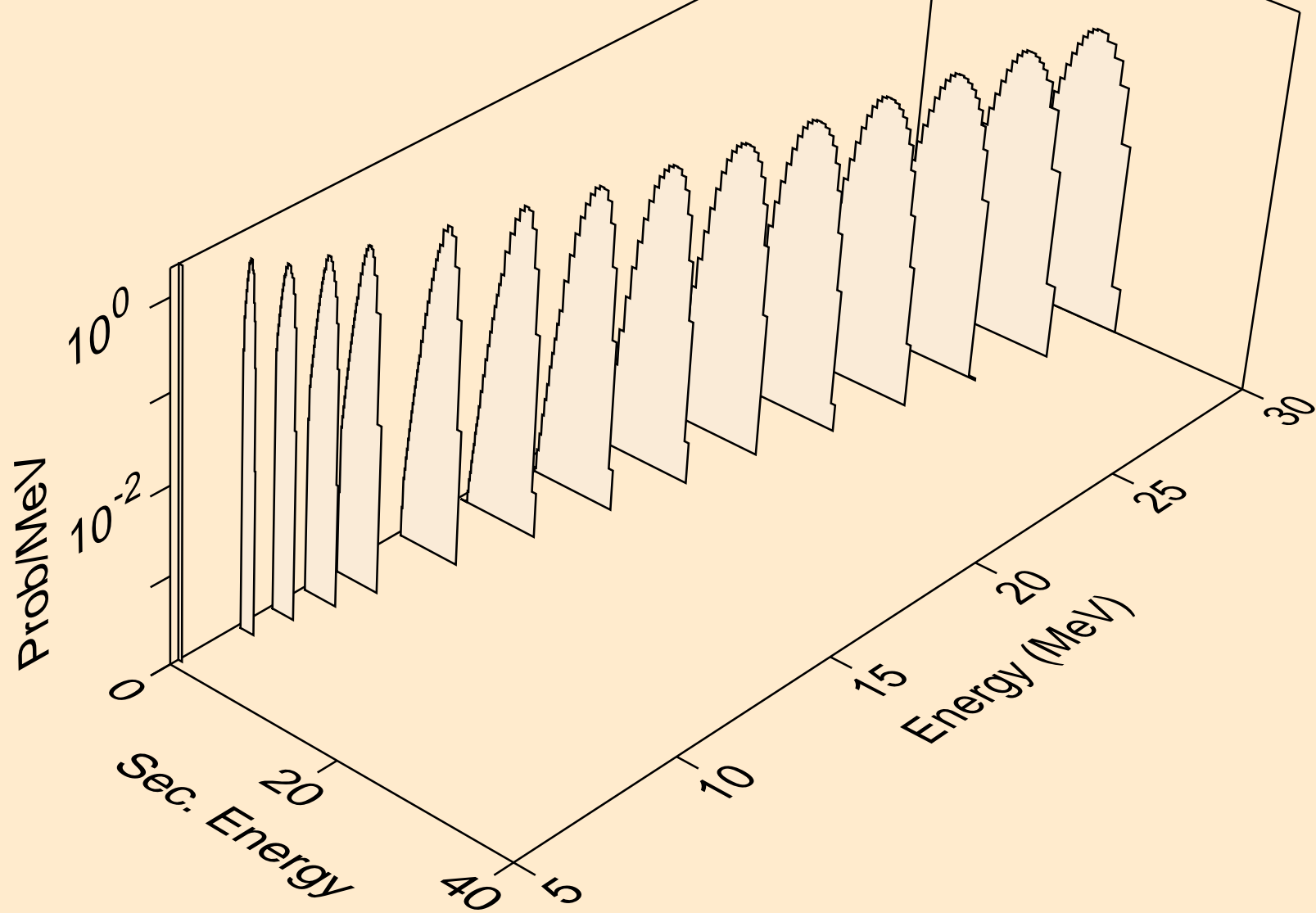


BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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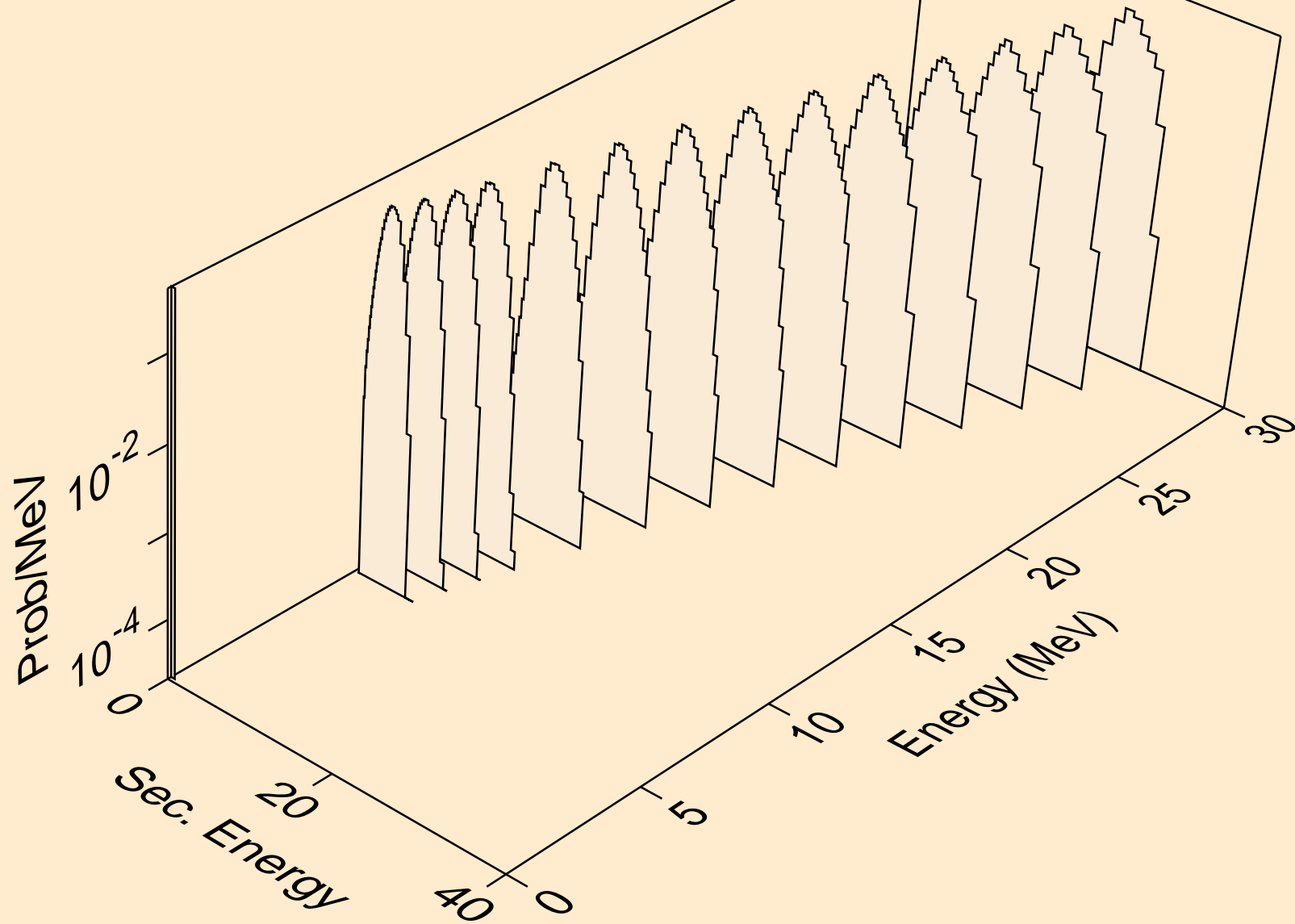




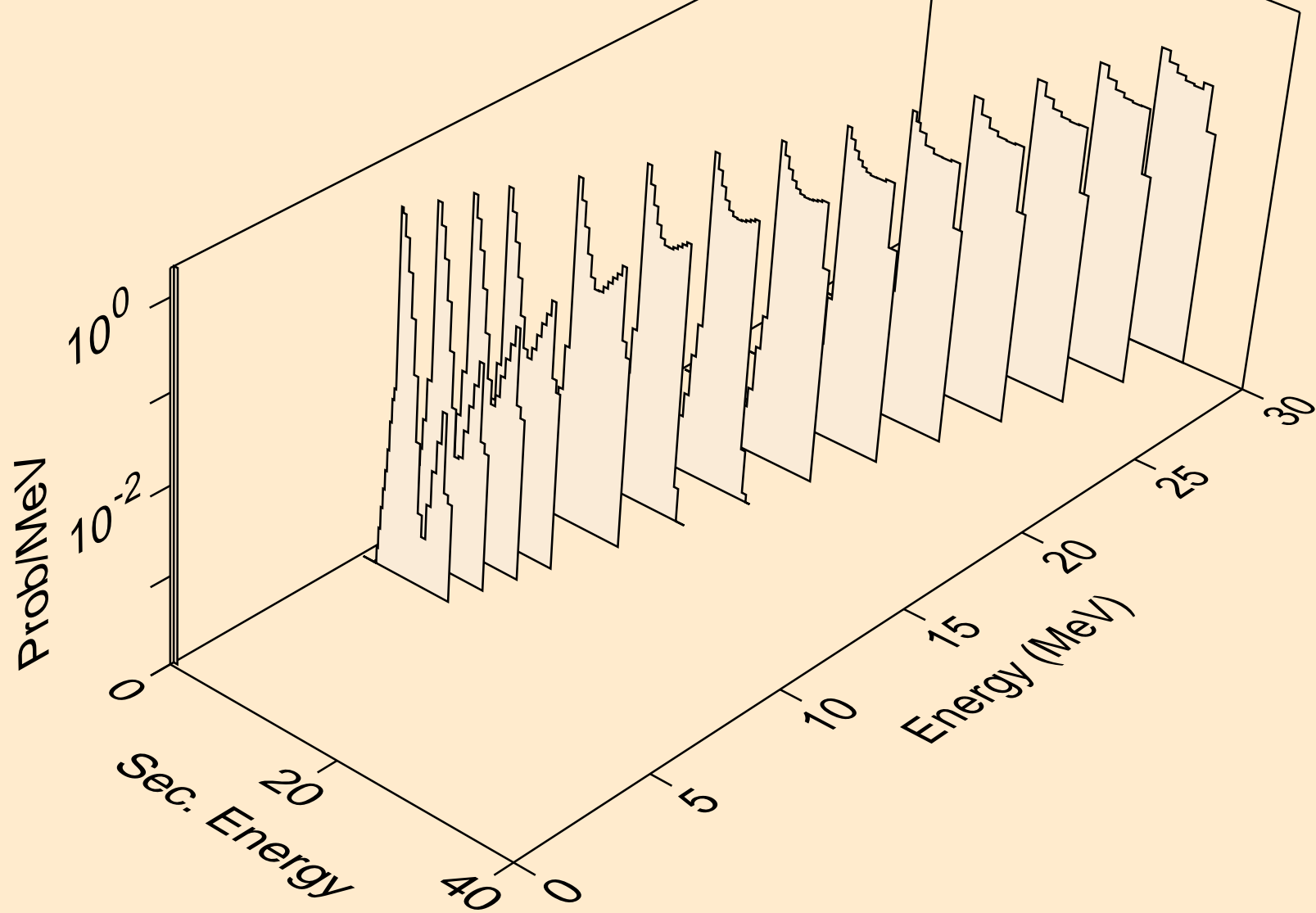
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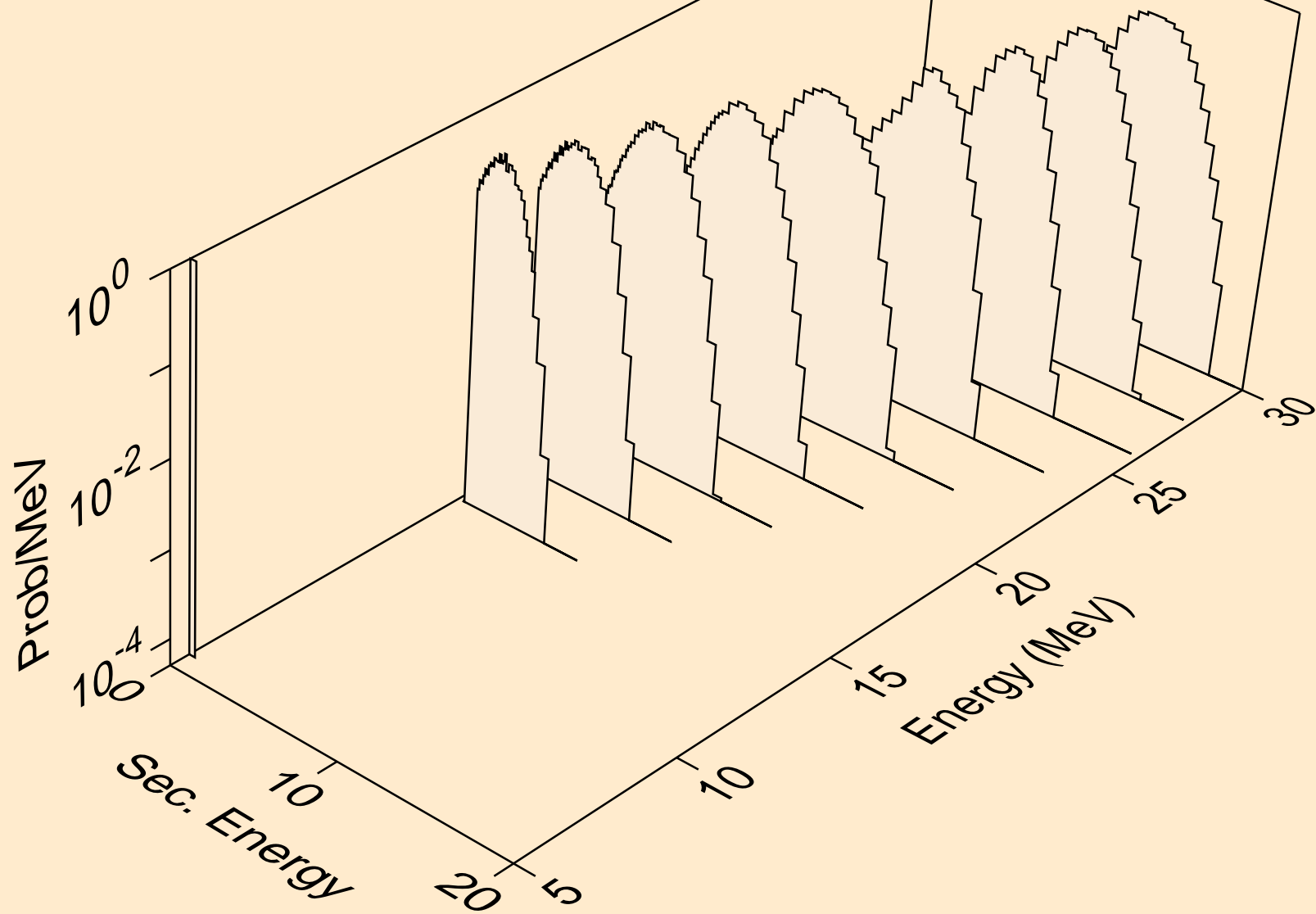
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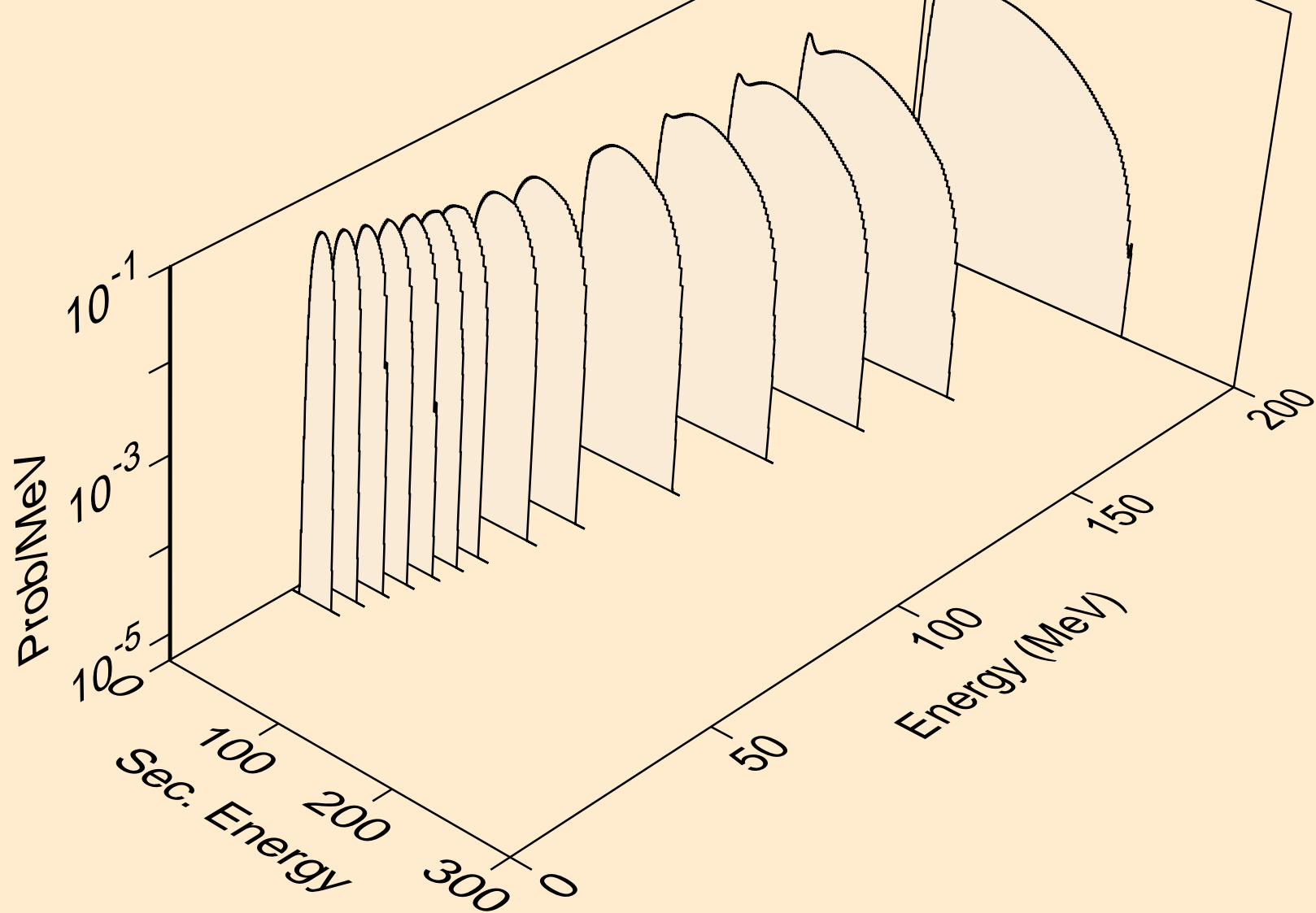
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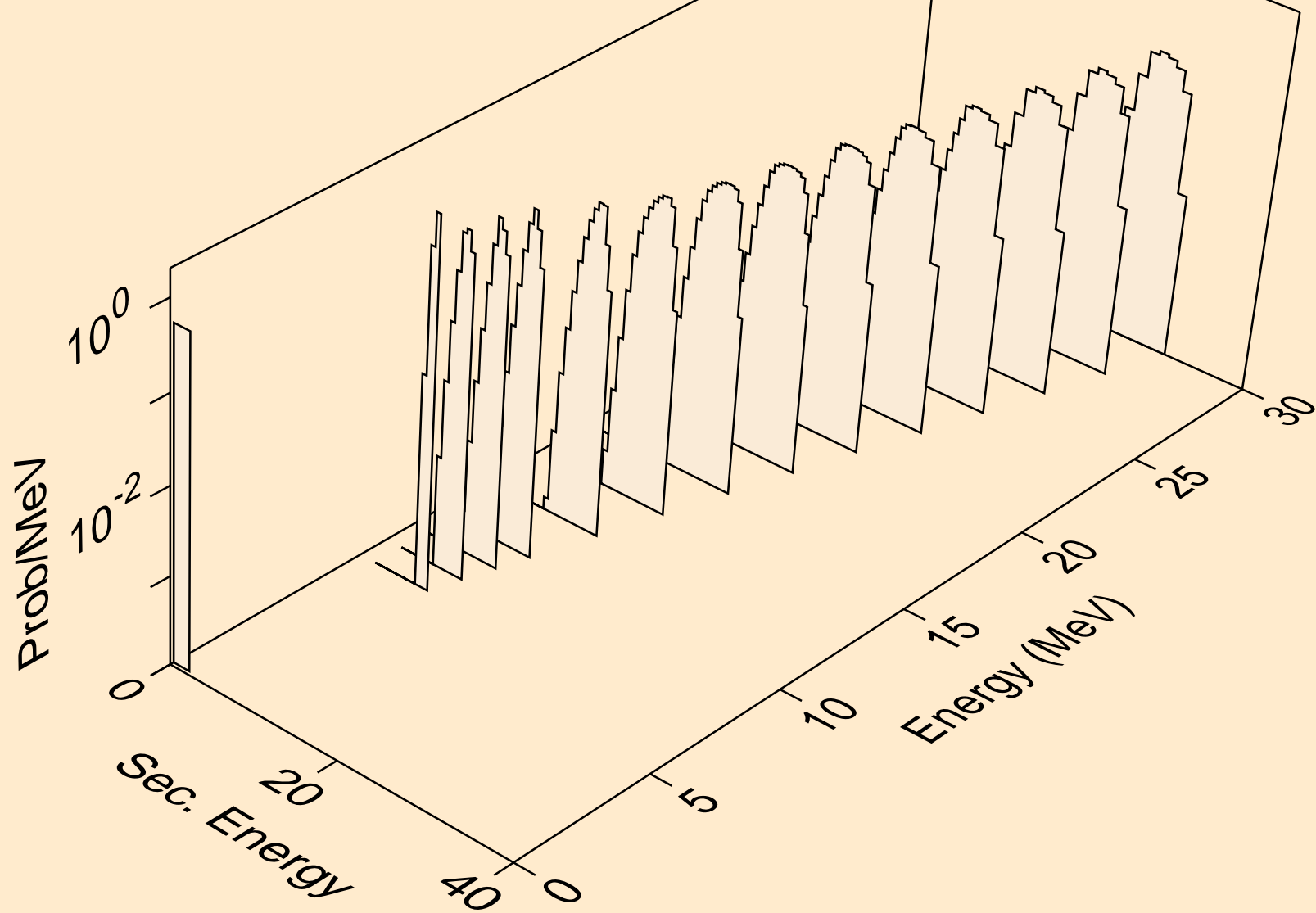
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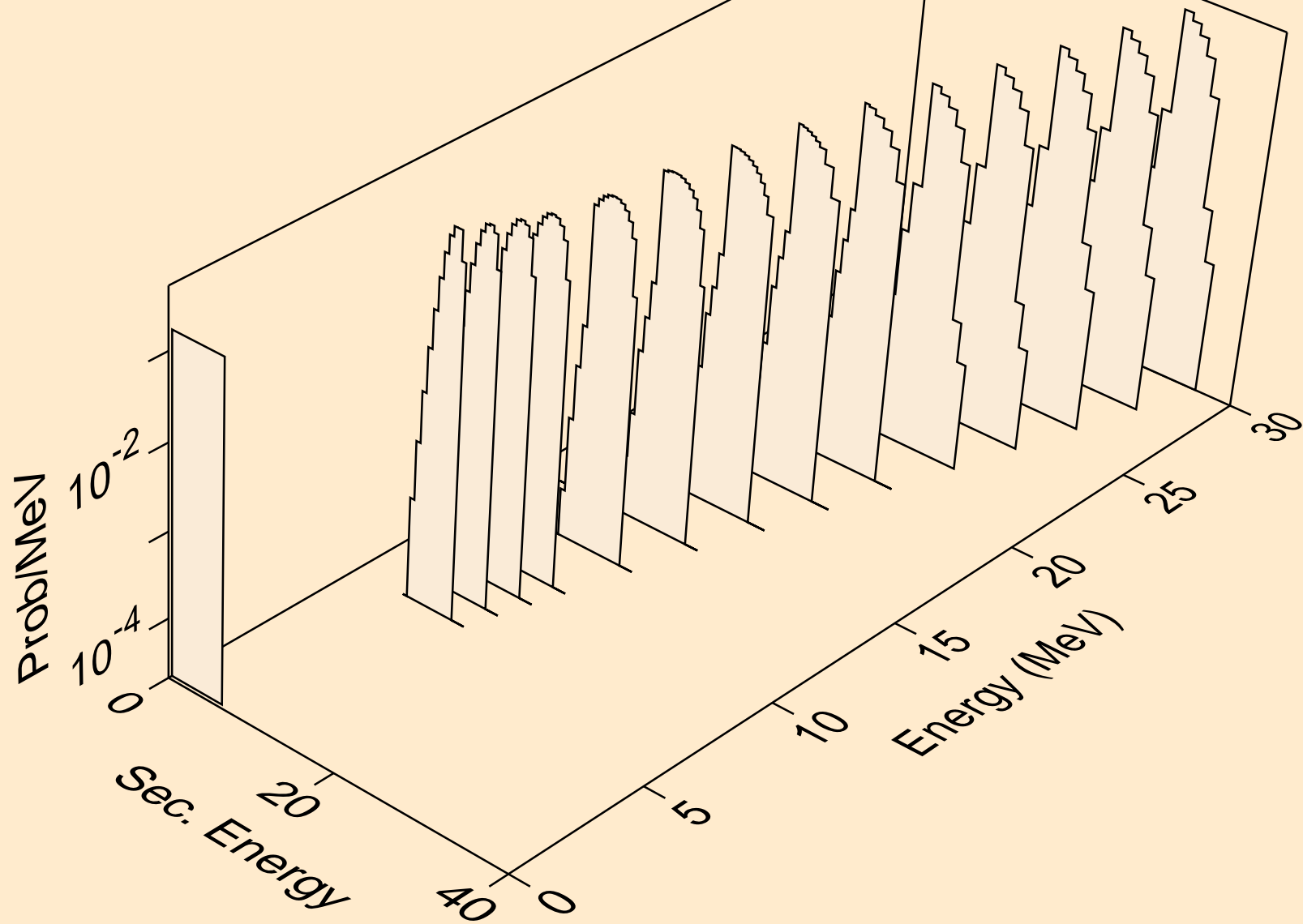
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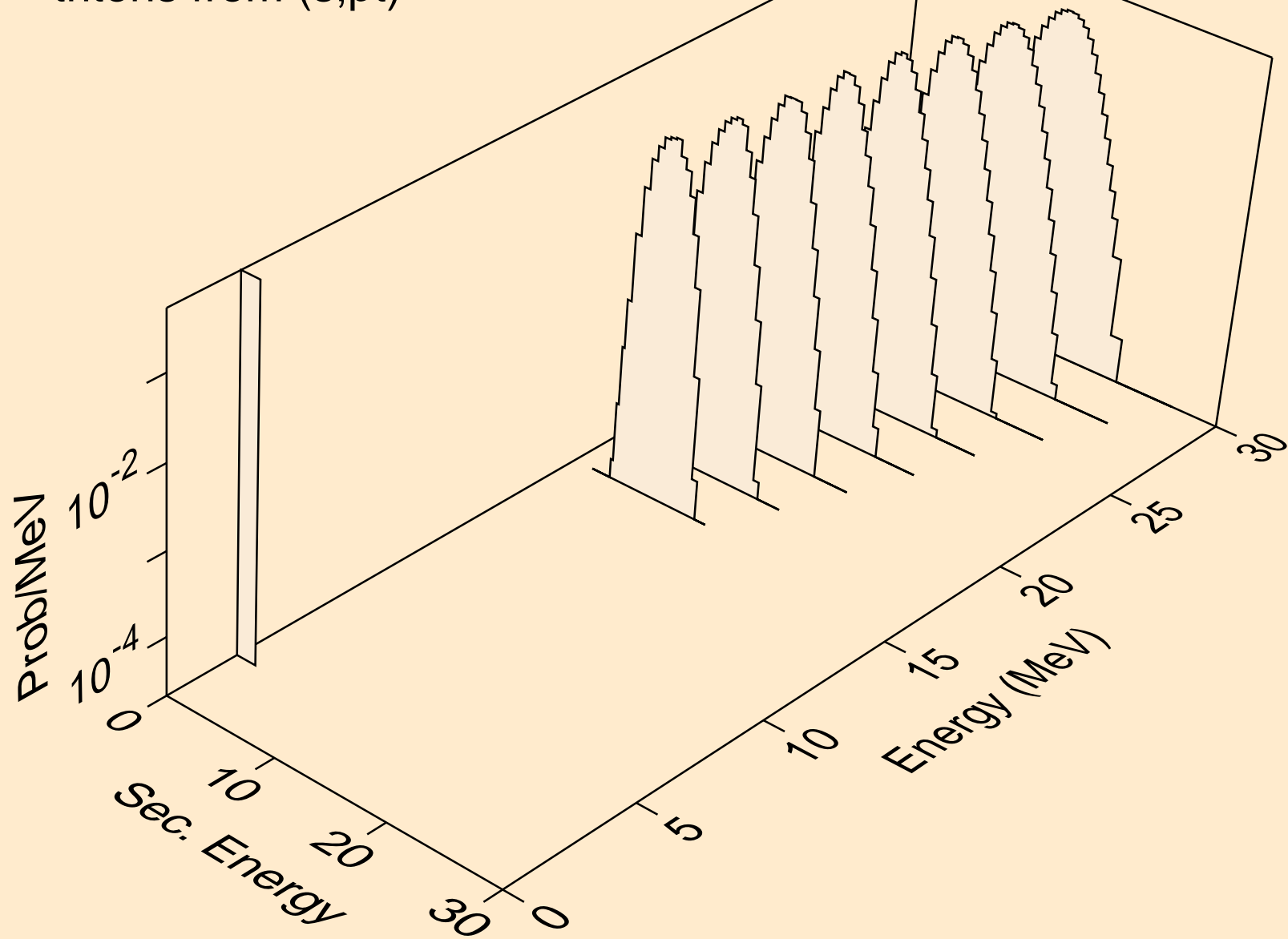
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tritons from (s,n\*)t



BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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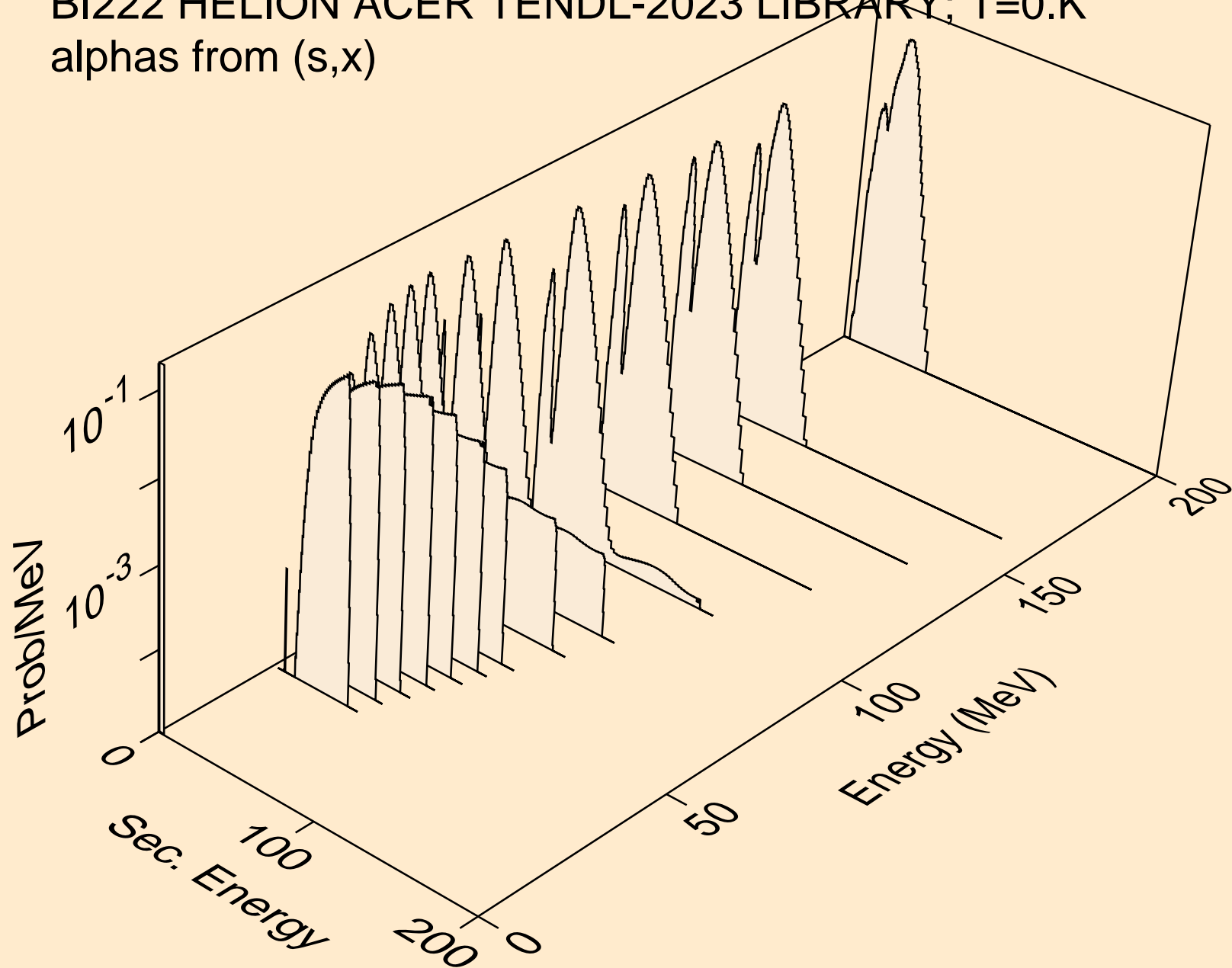


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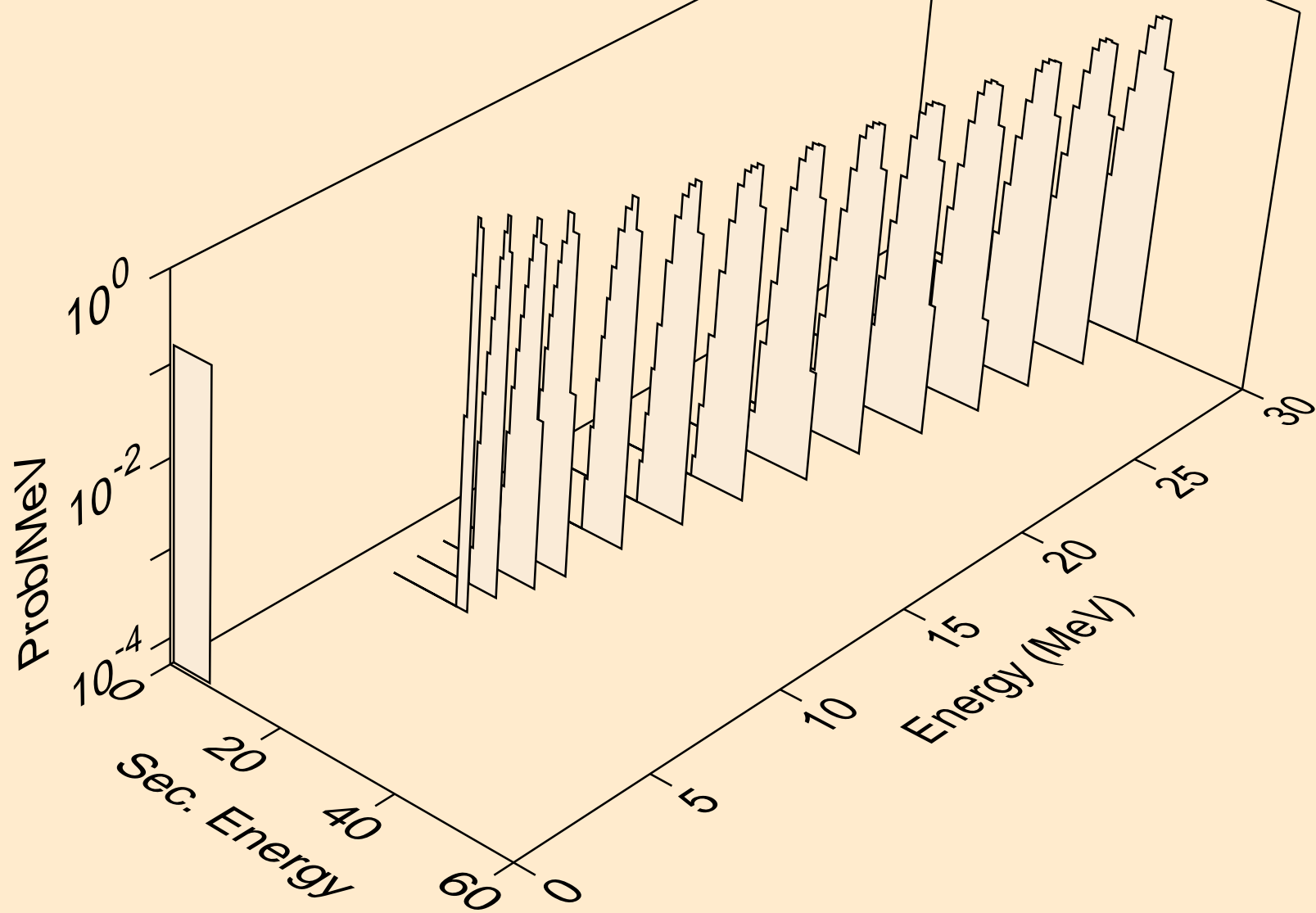




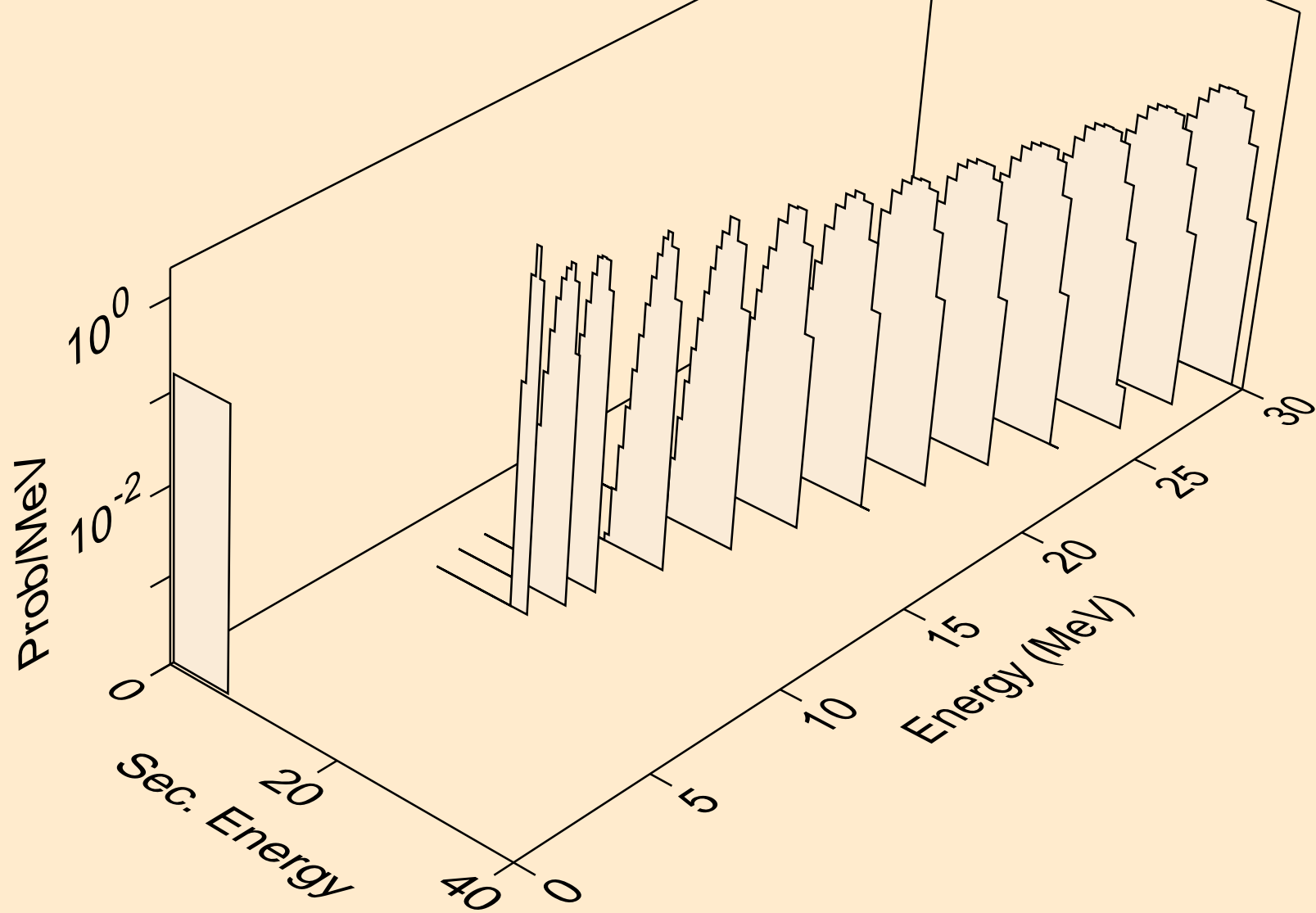
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alphas from (s,x)



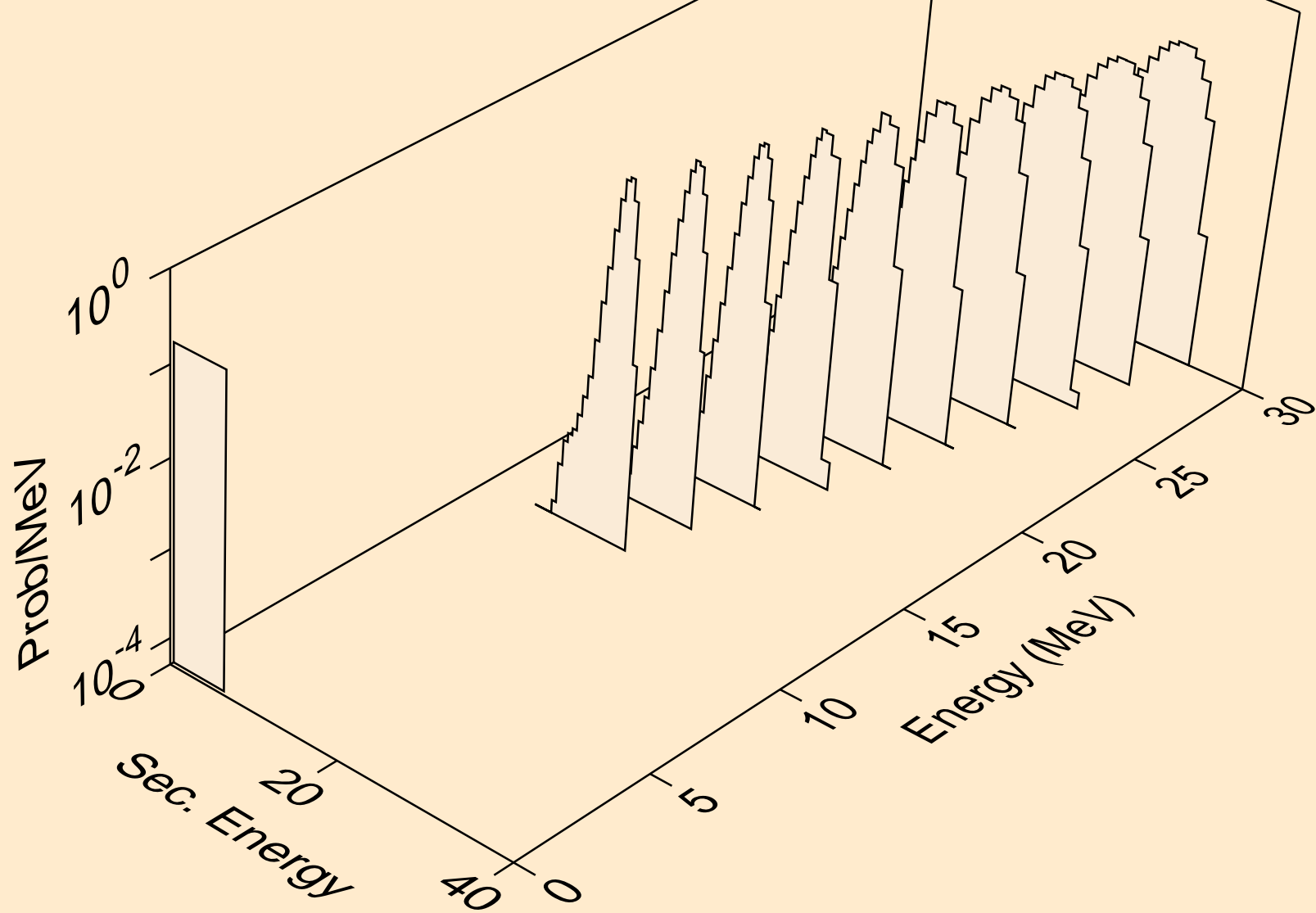
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alphas from (s,n\*)a



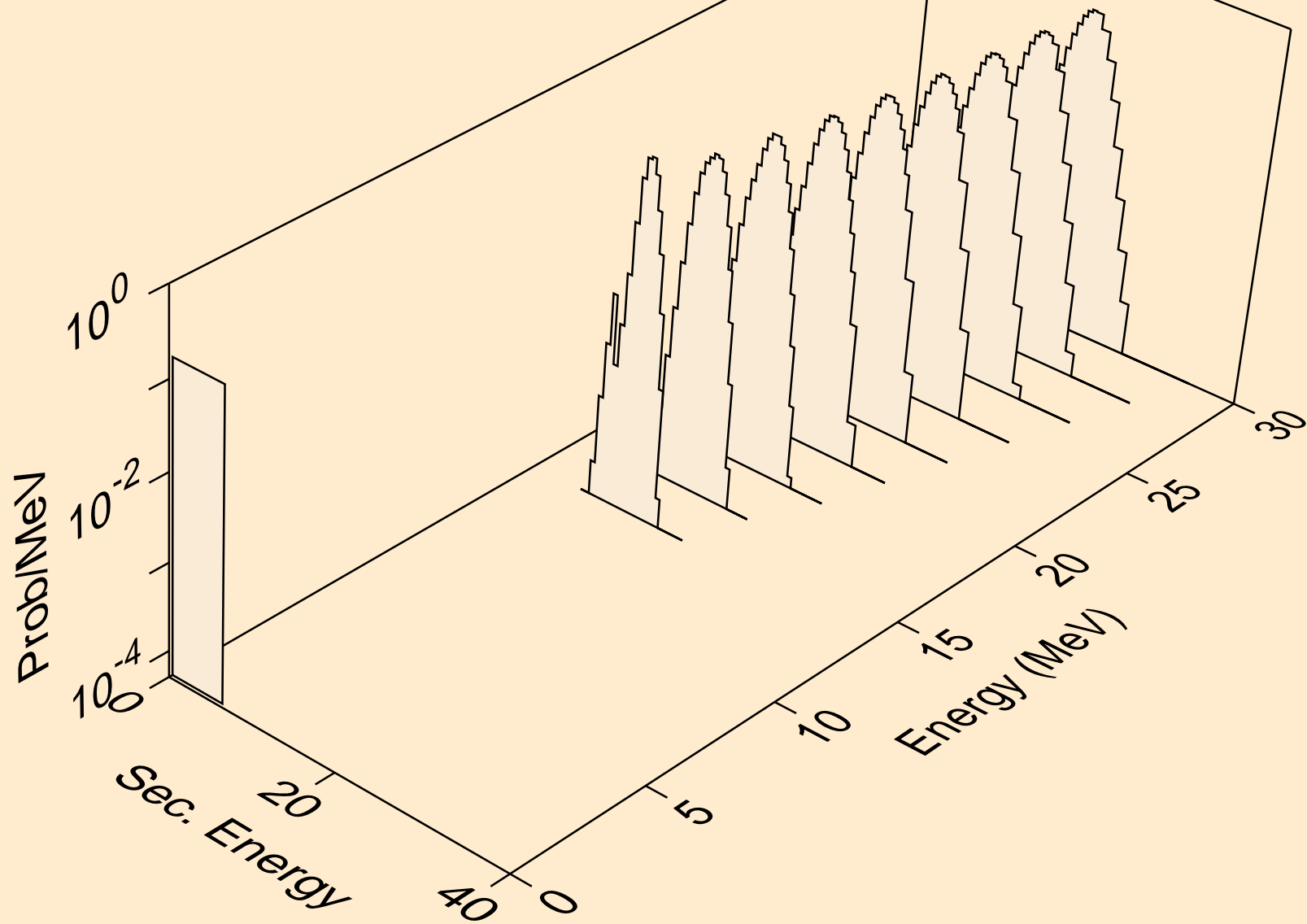
BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2n)a



BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,3n)a



BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,npa)



BI222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,a)

