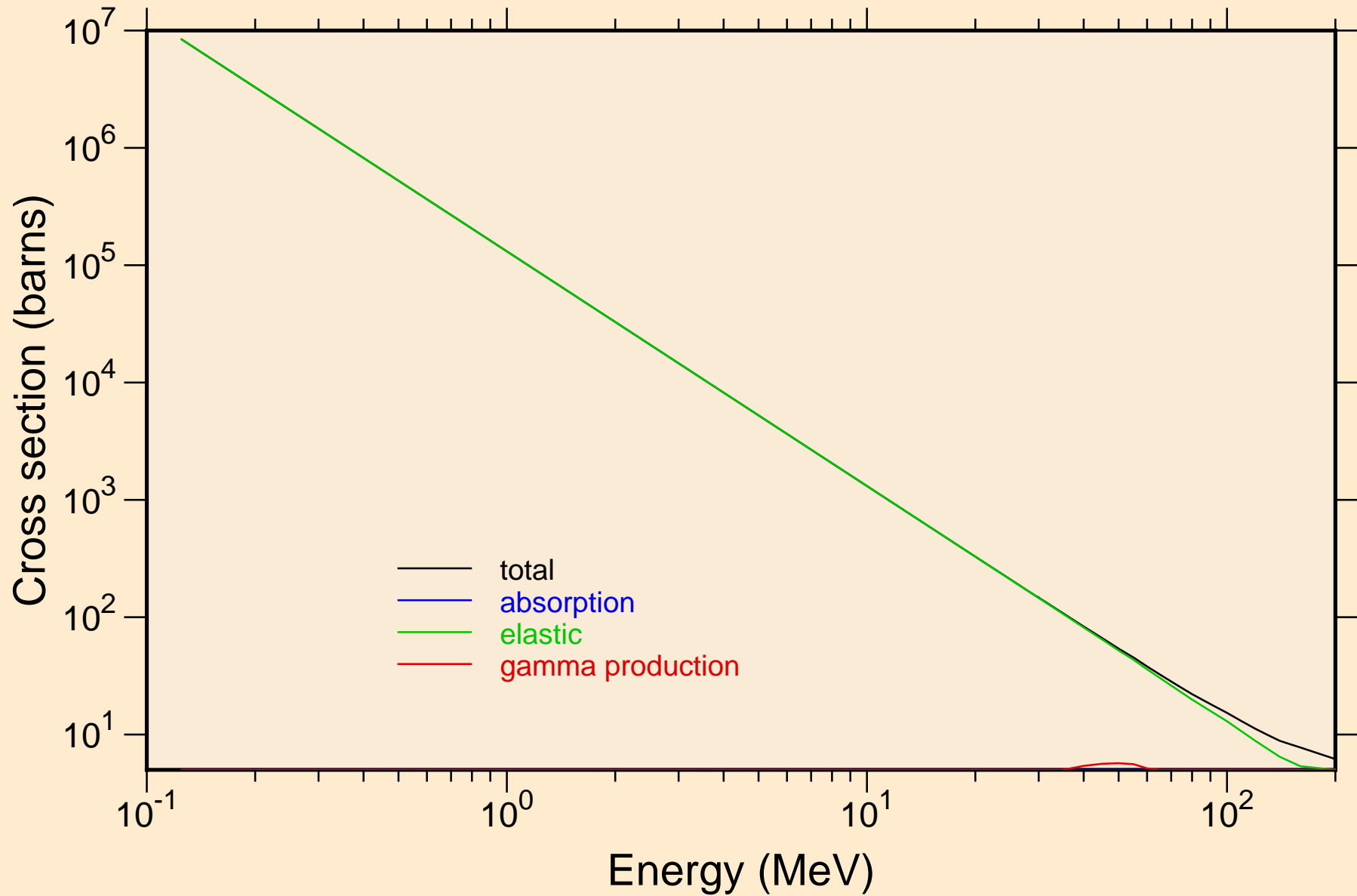
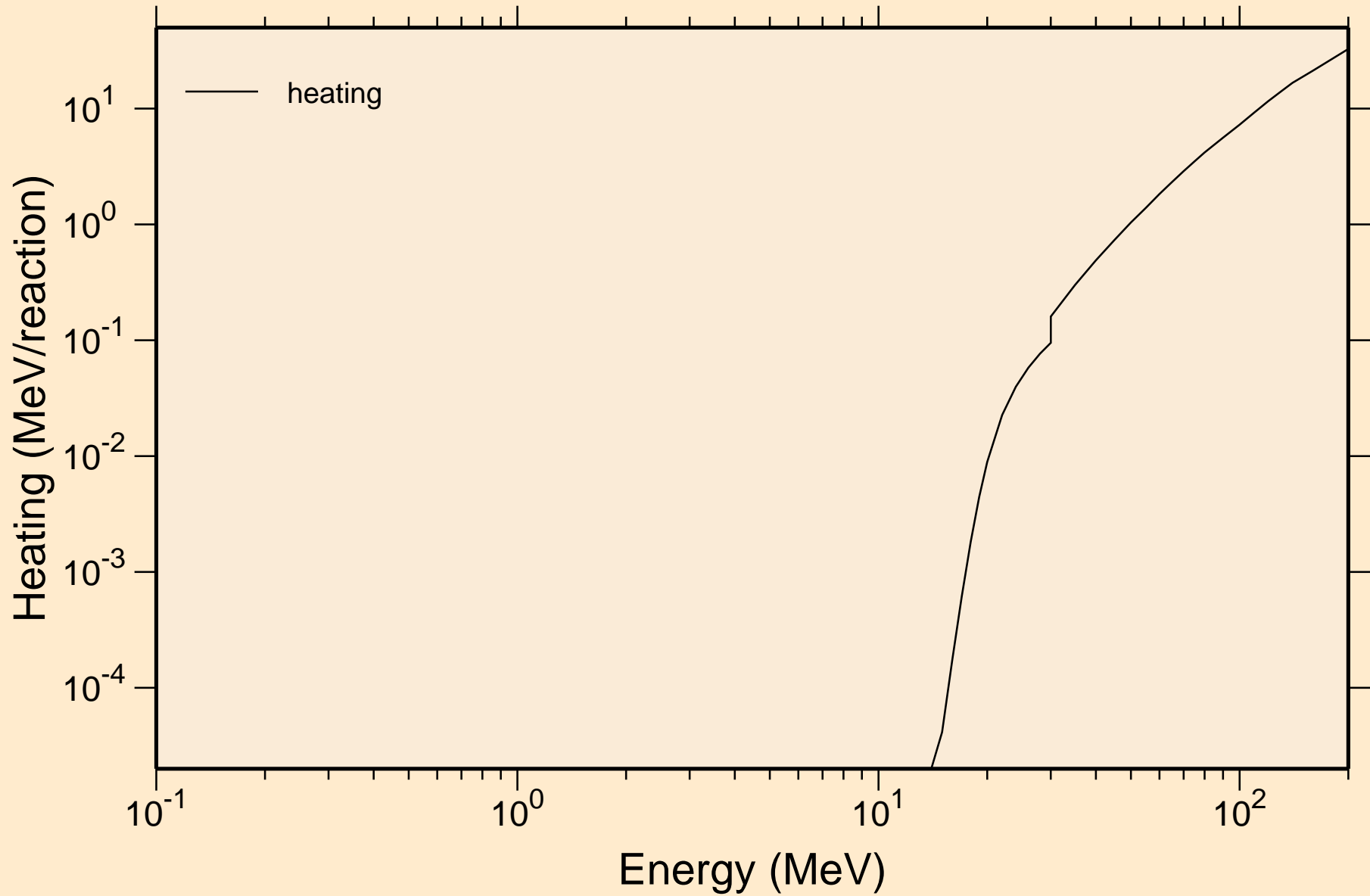


HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections



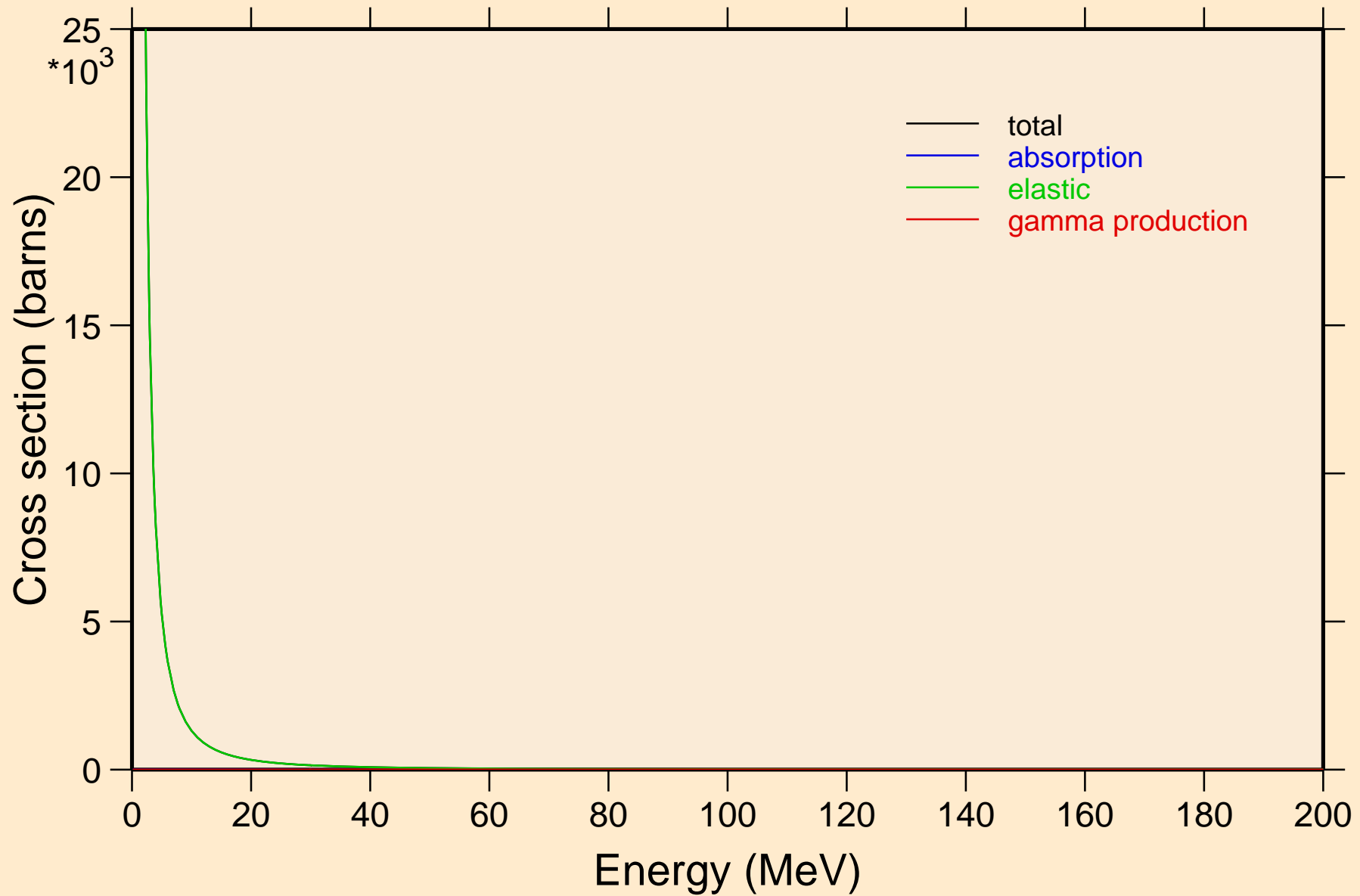
HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K

Heating



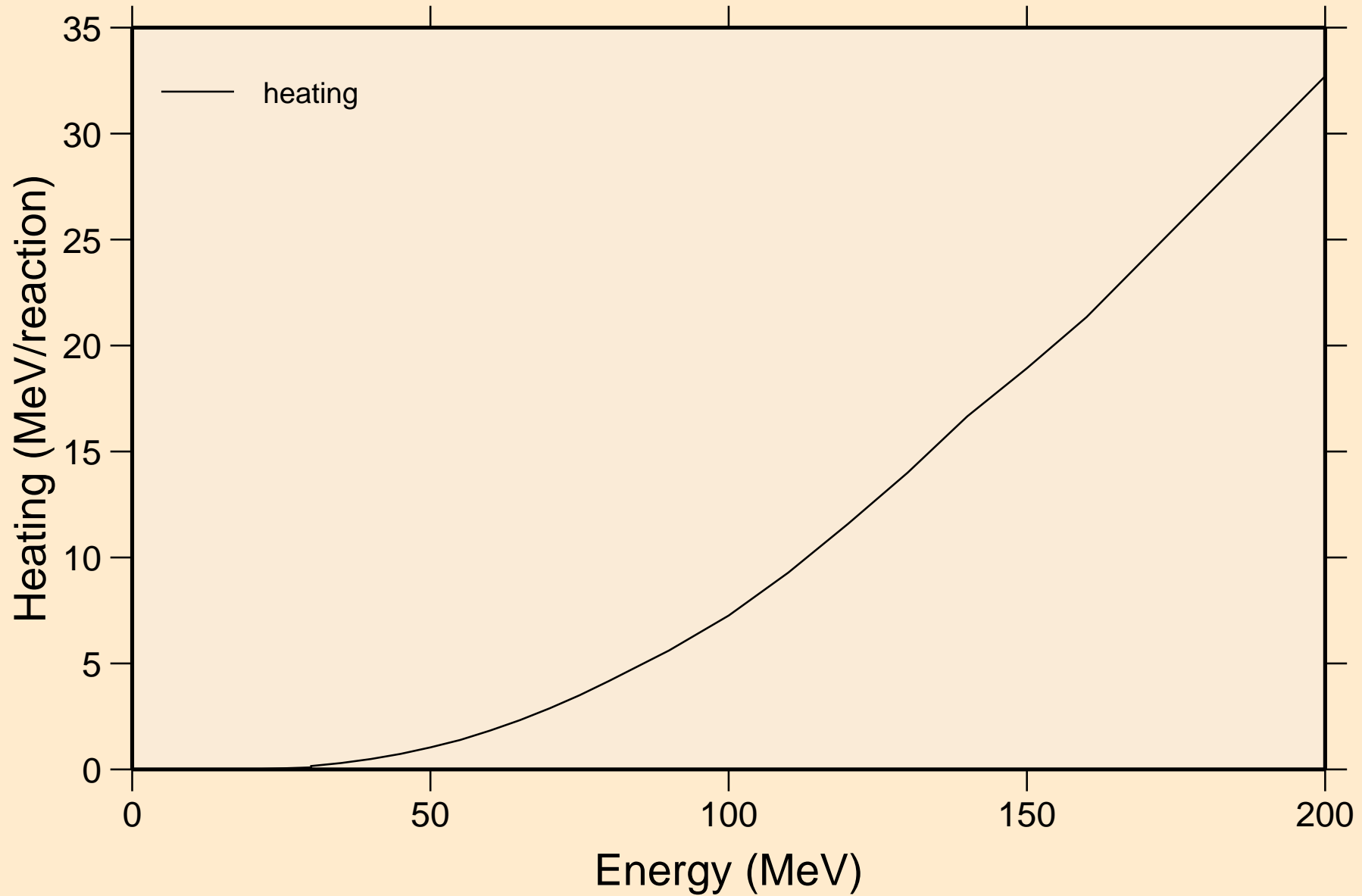
# HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

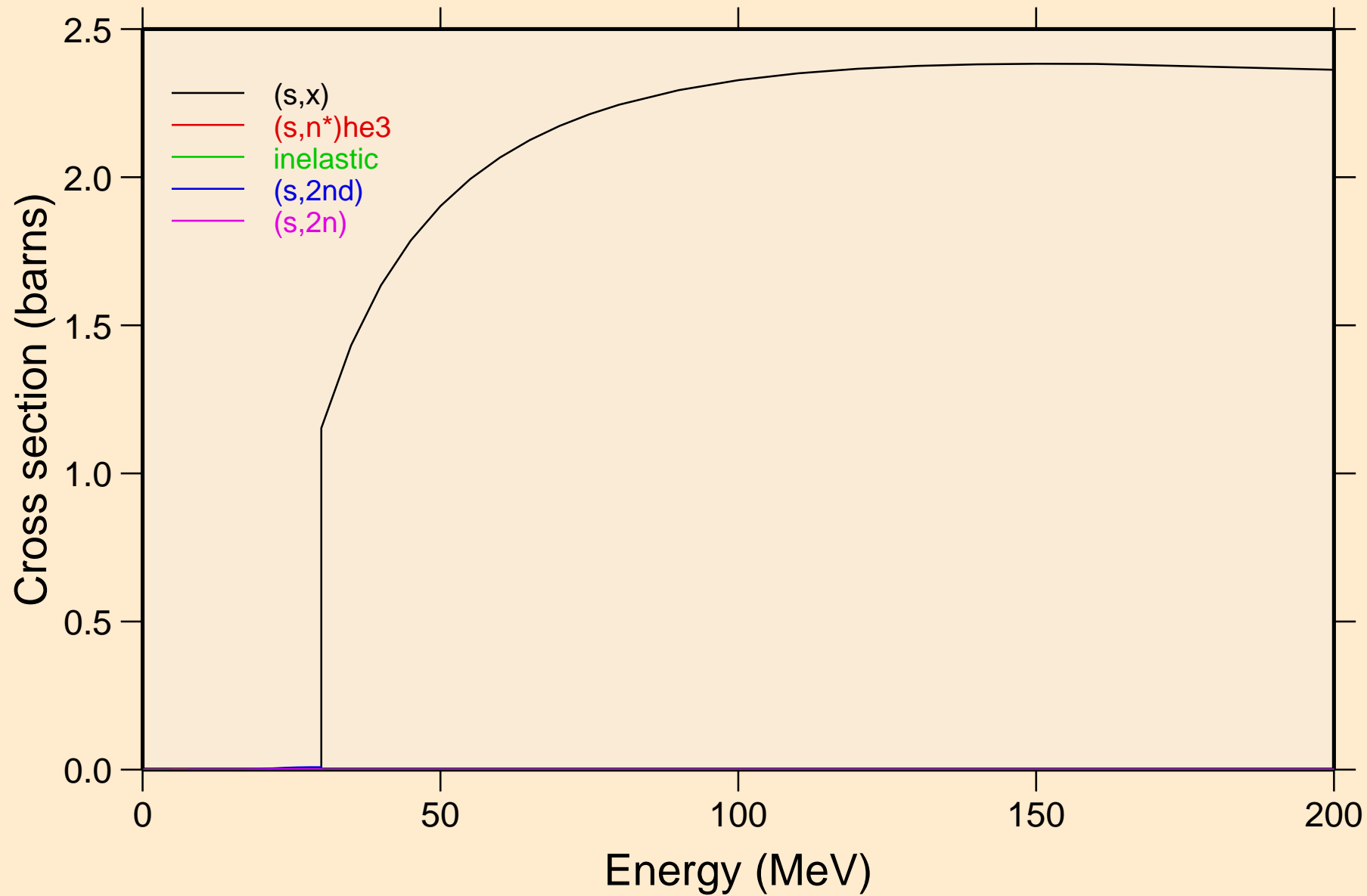


HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K

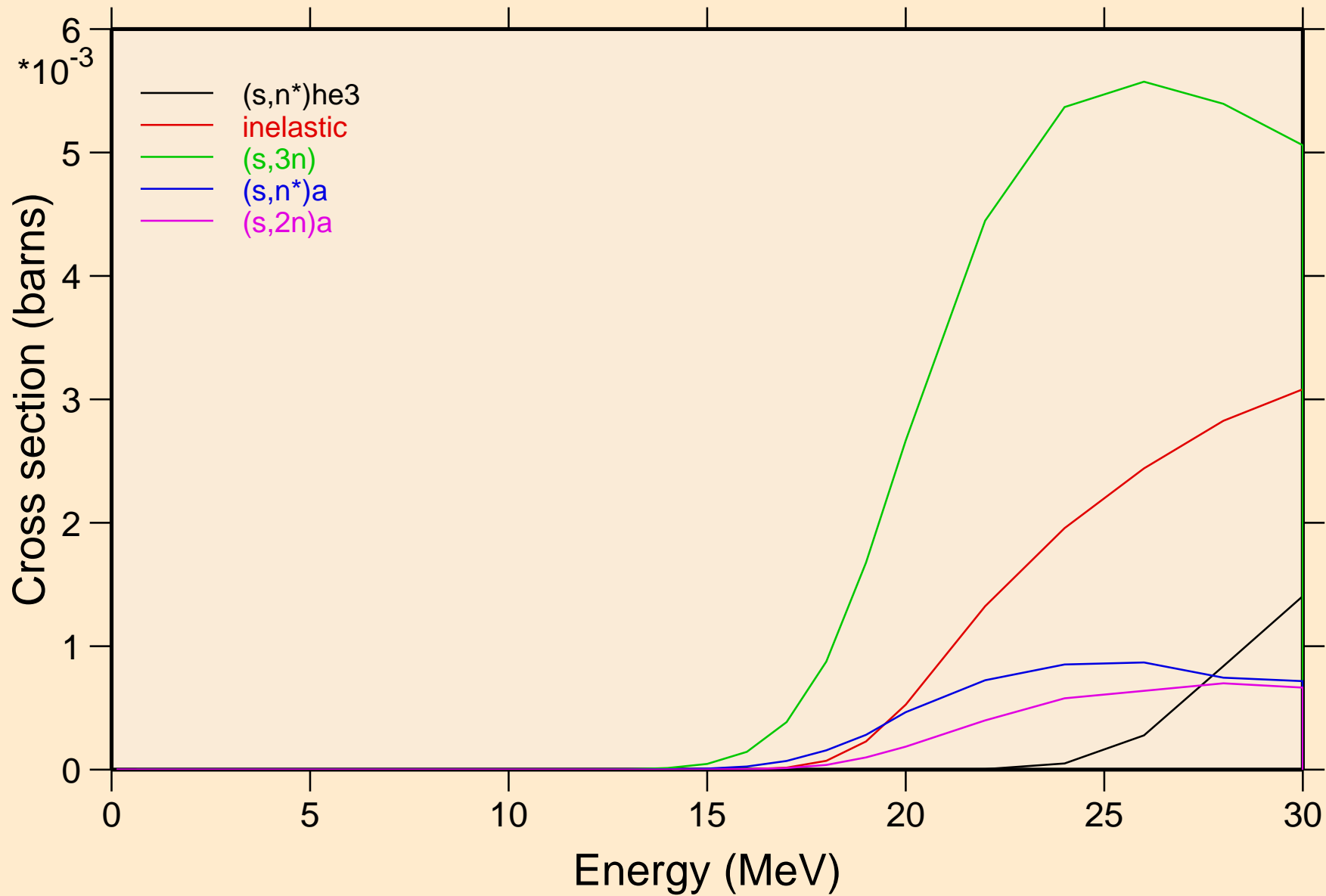
Heating



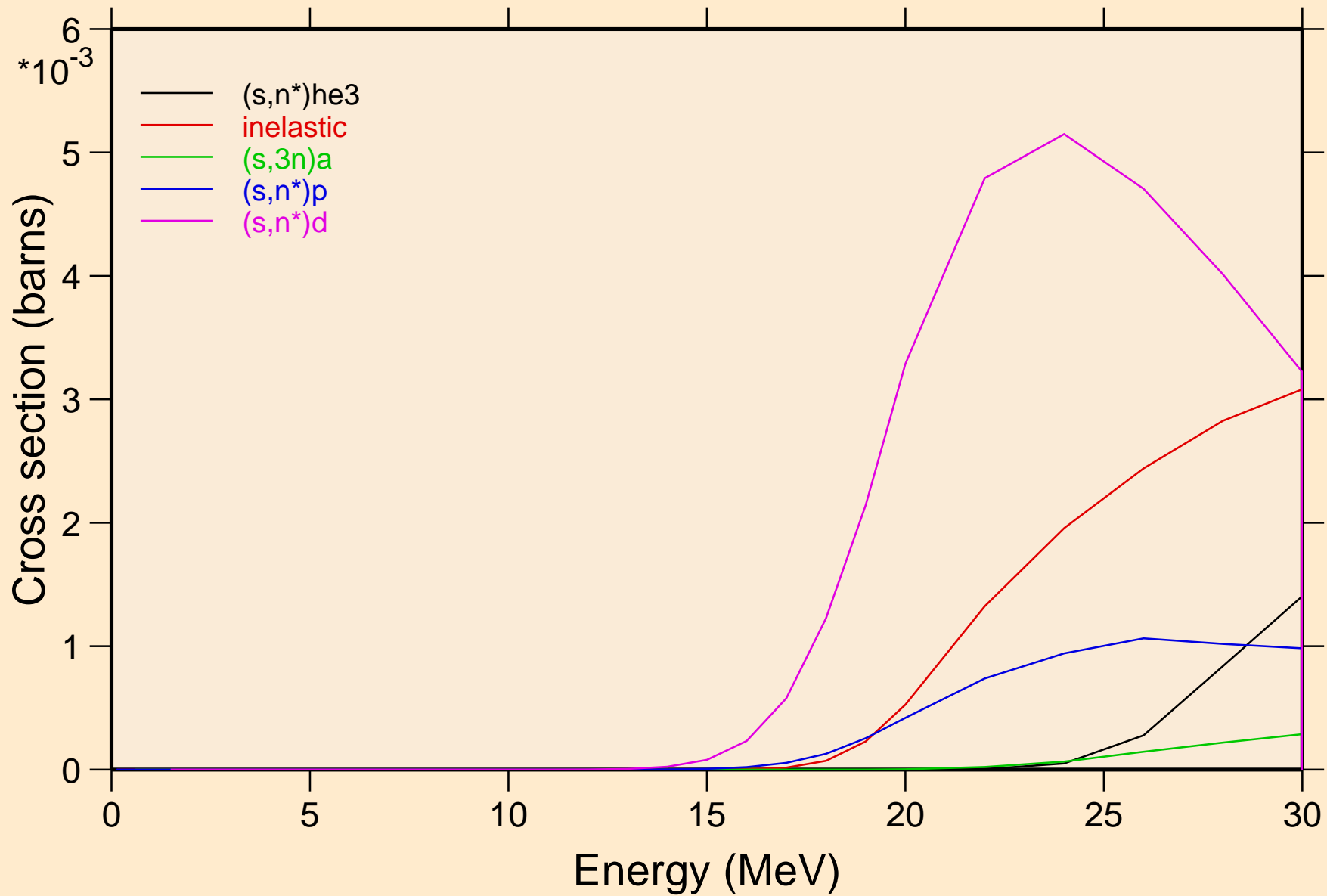
HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



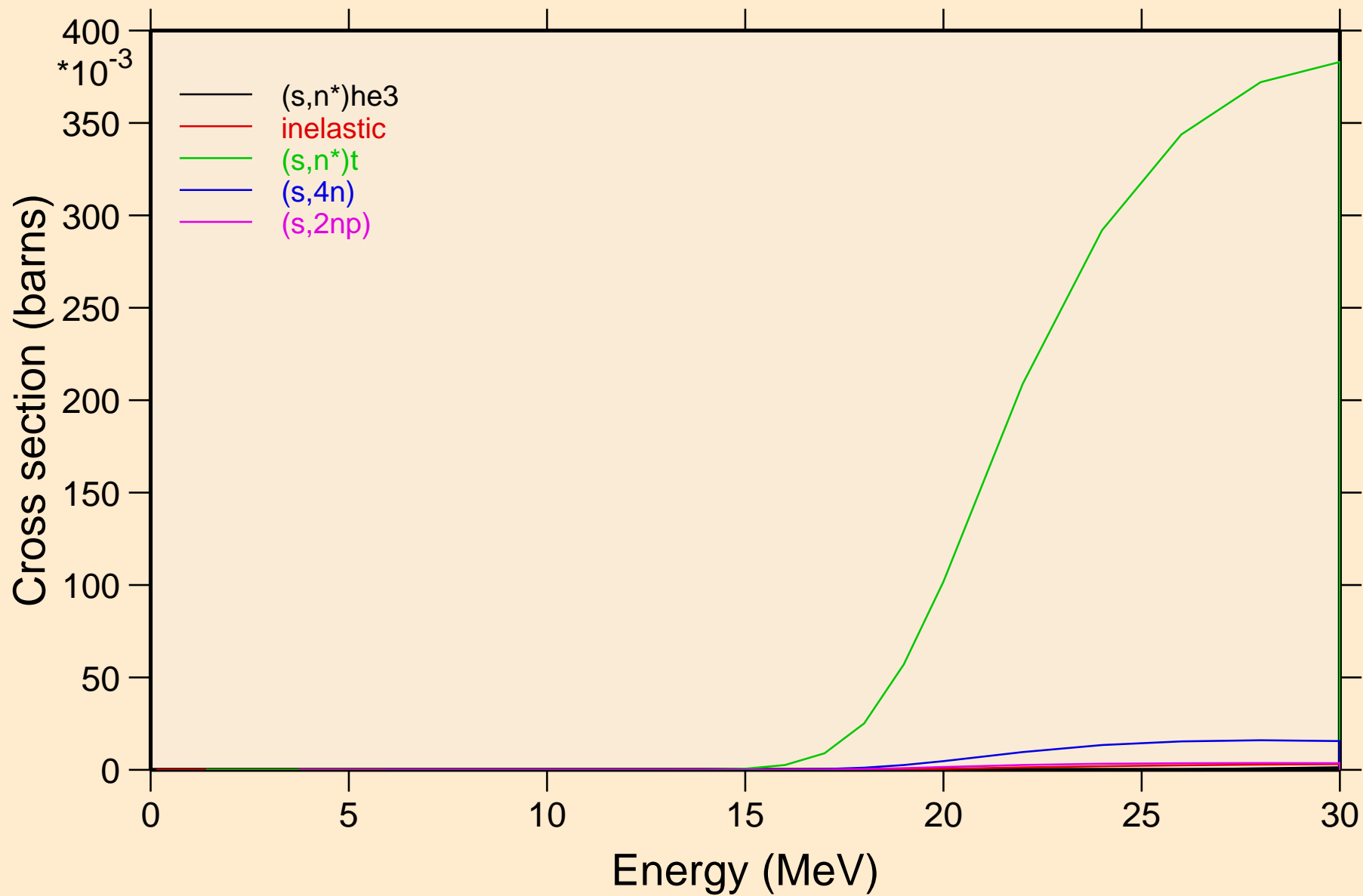
HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

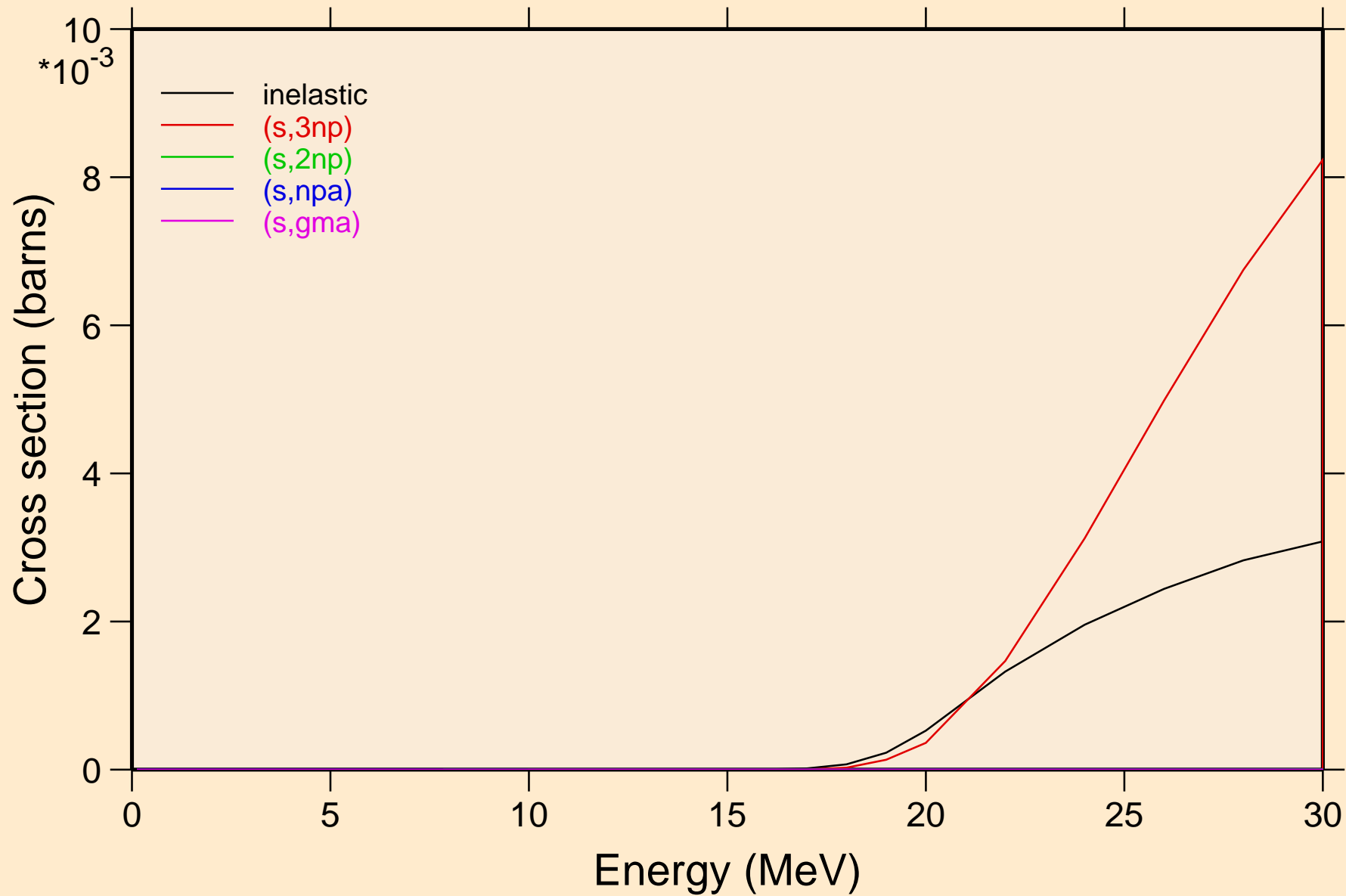


HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

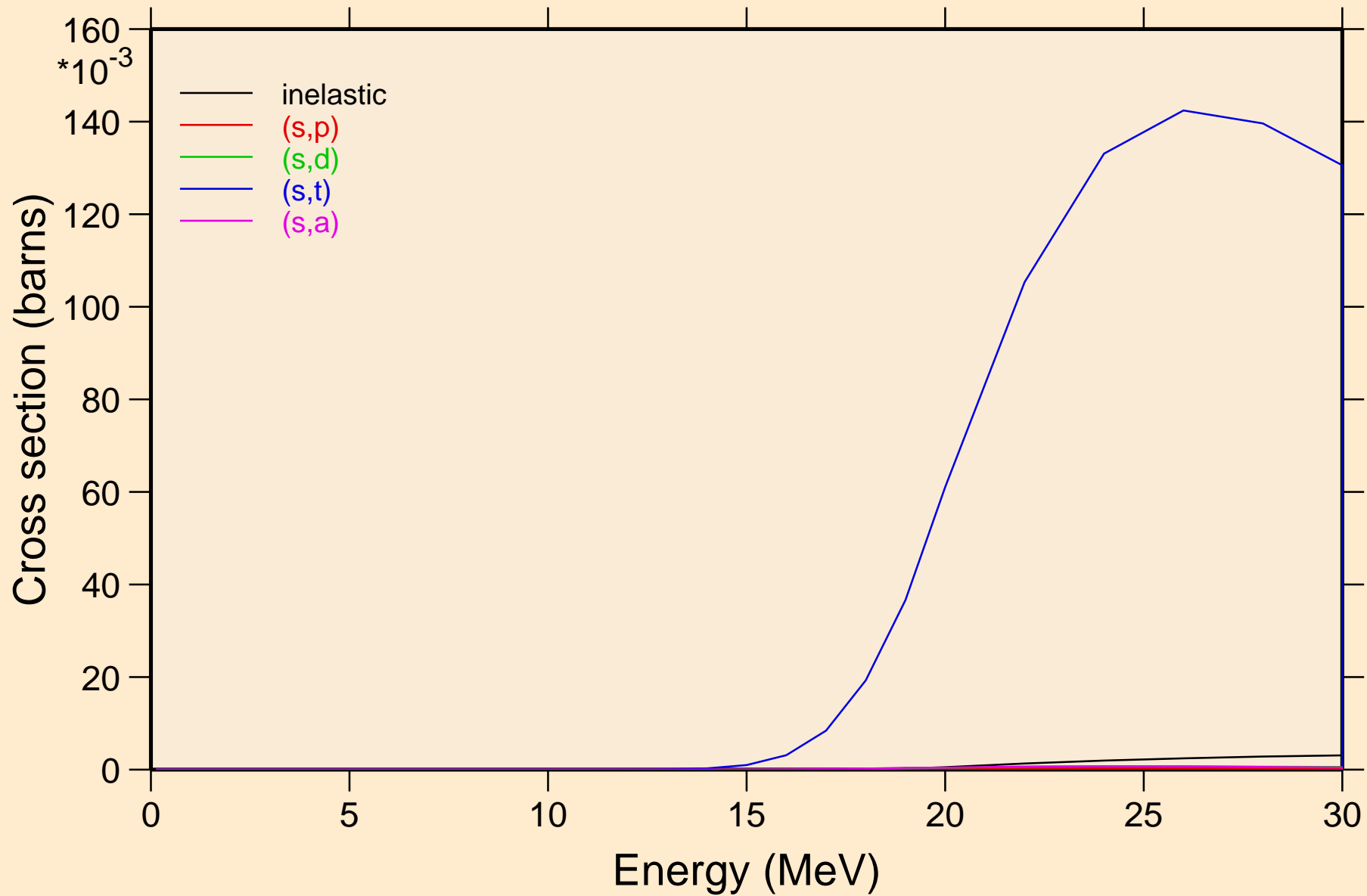




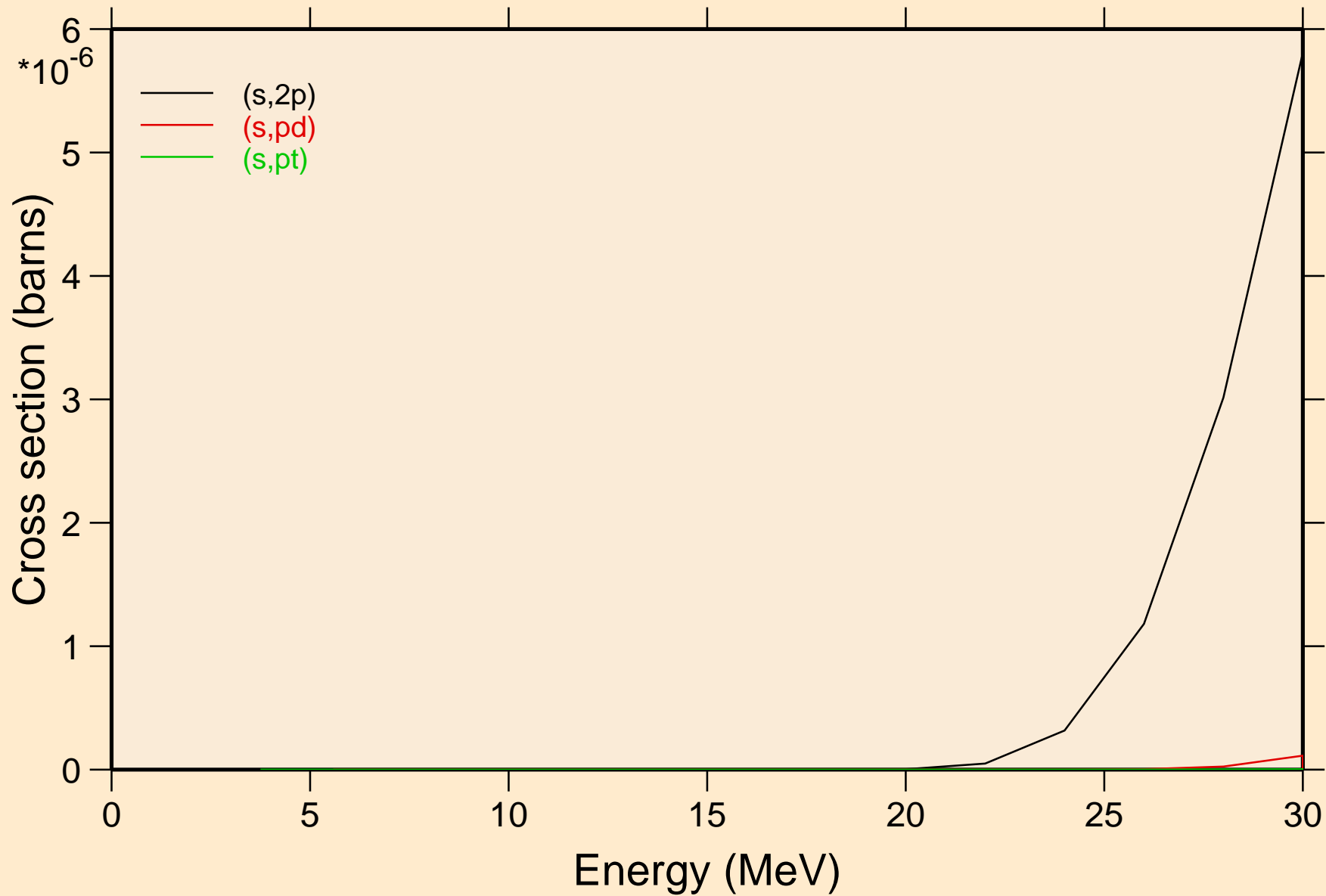
HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



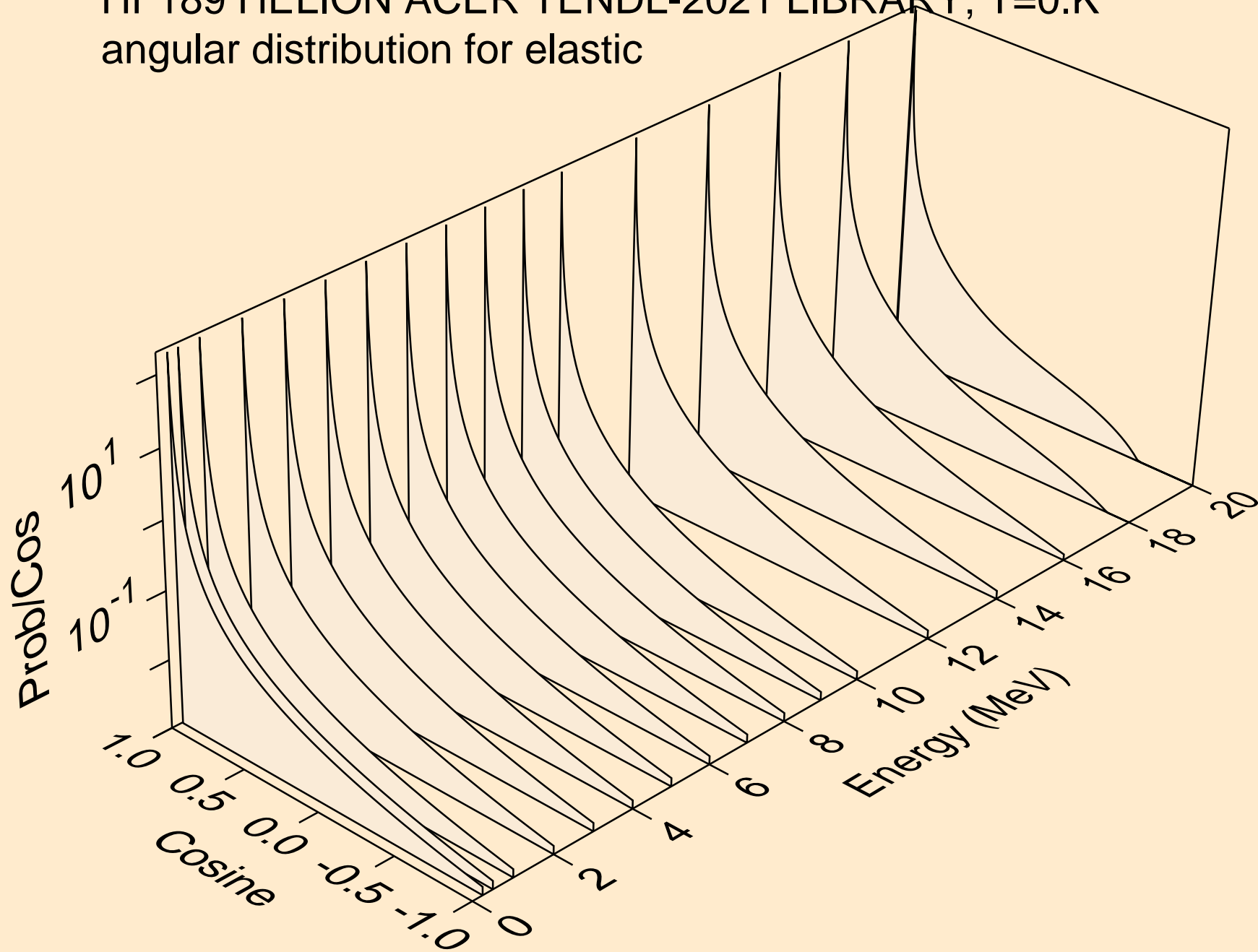
HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



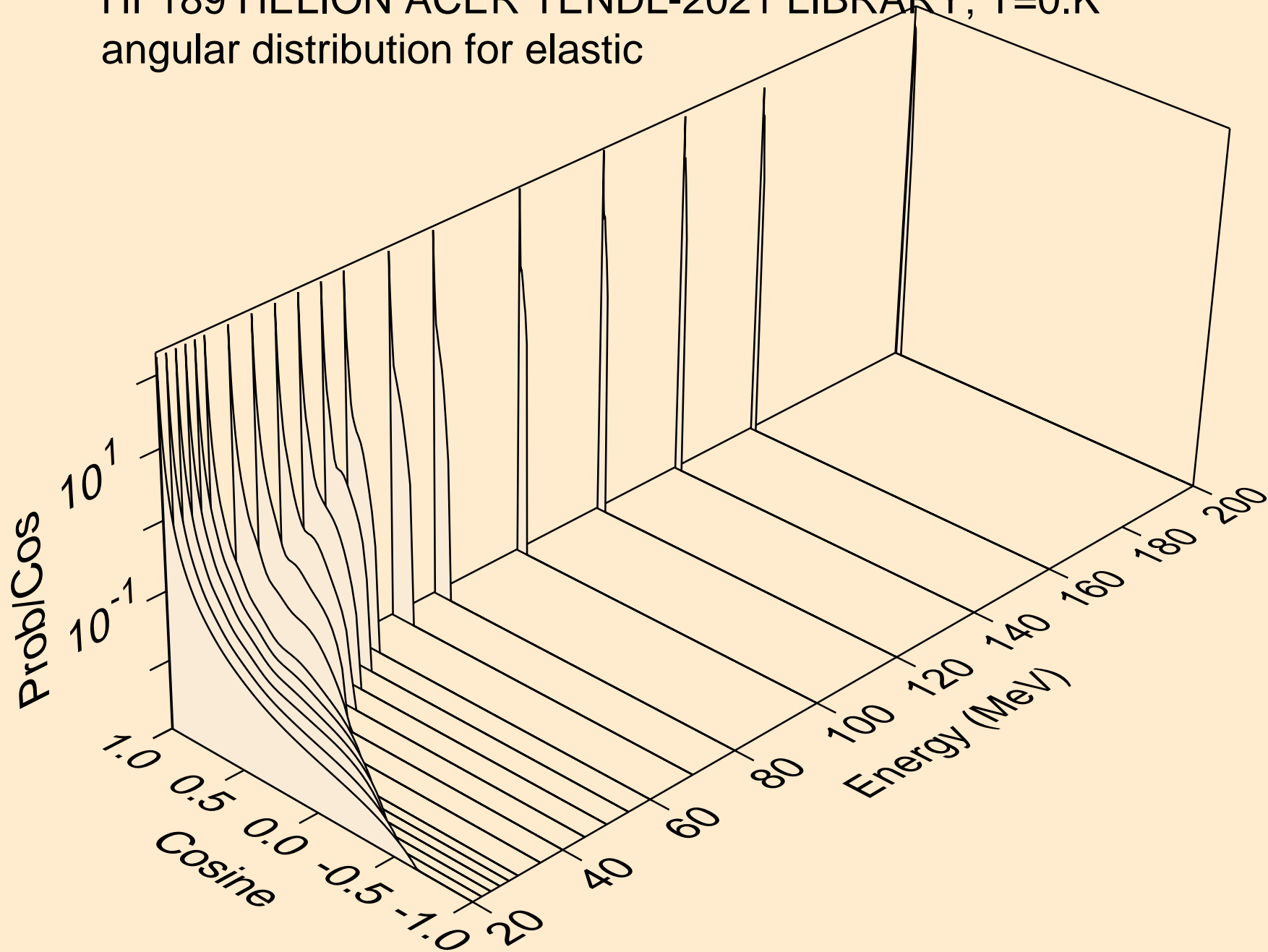
HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



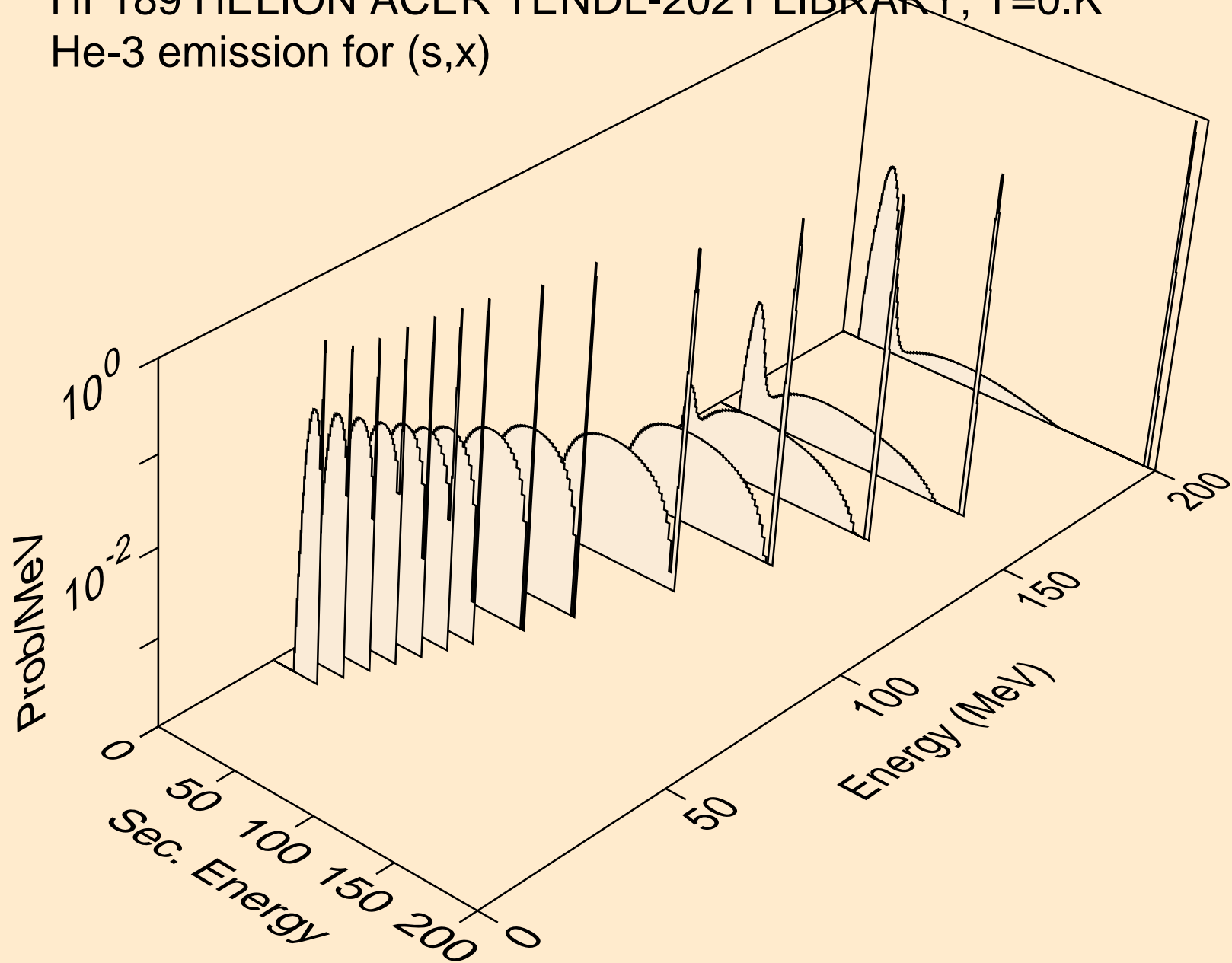
HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



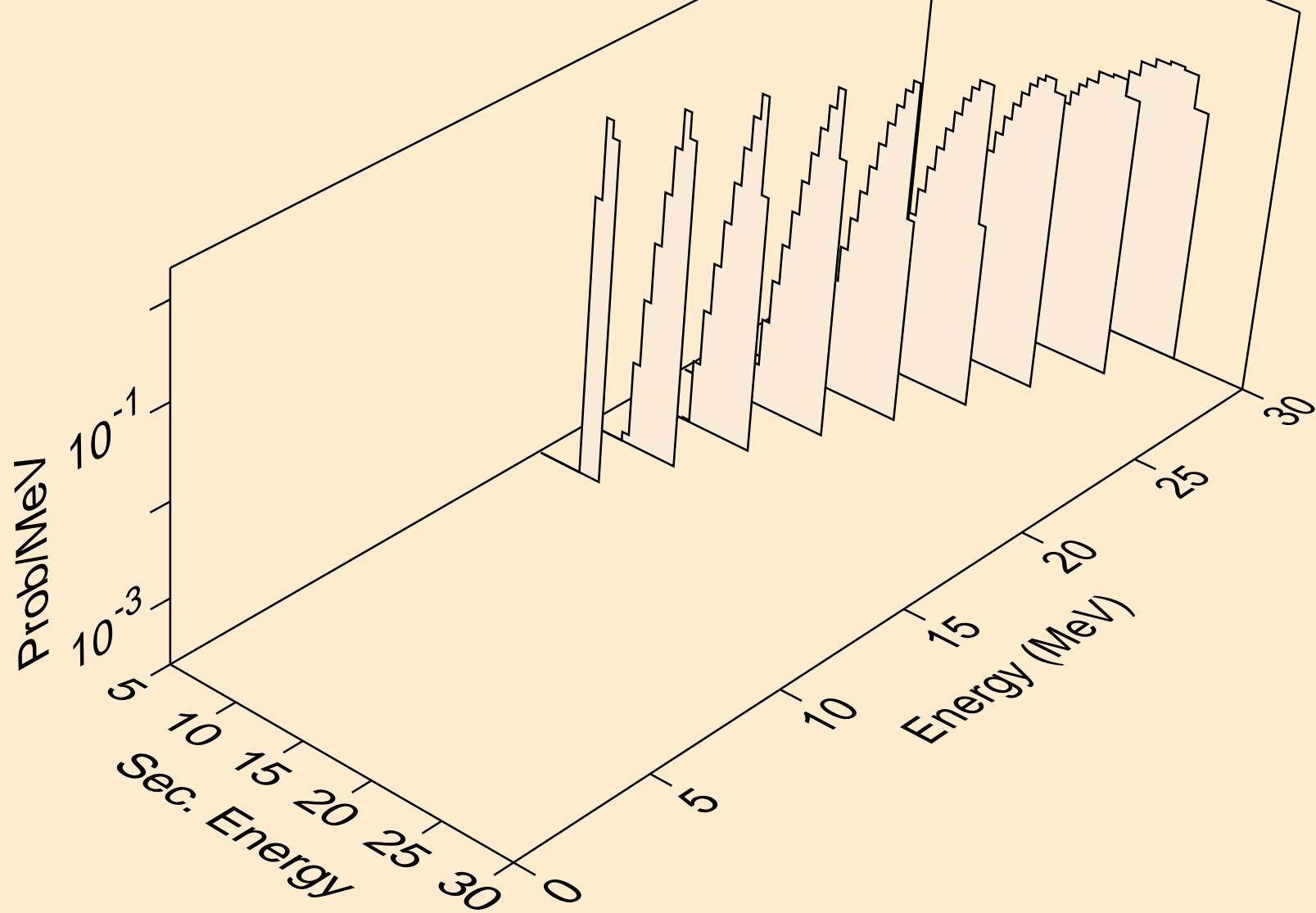
HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



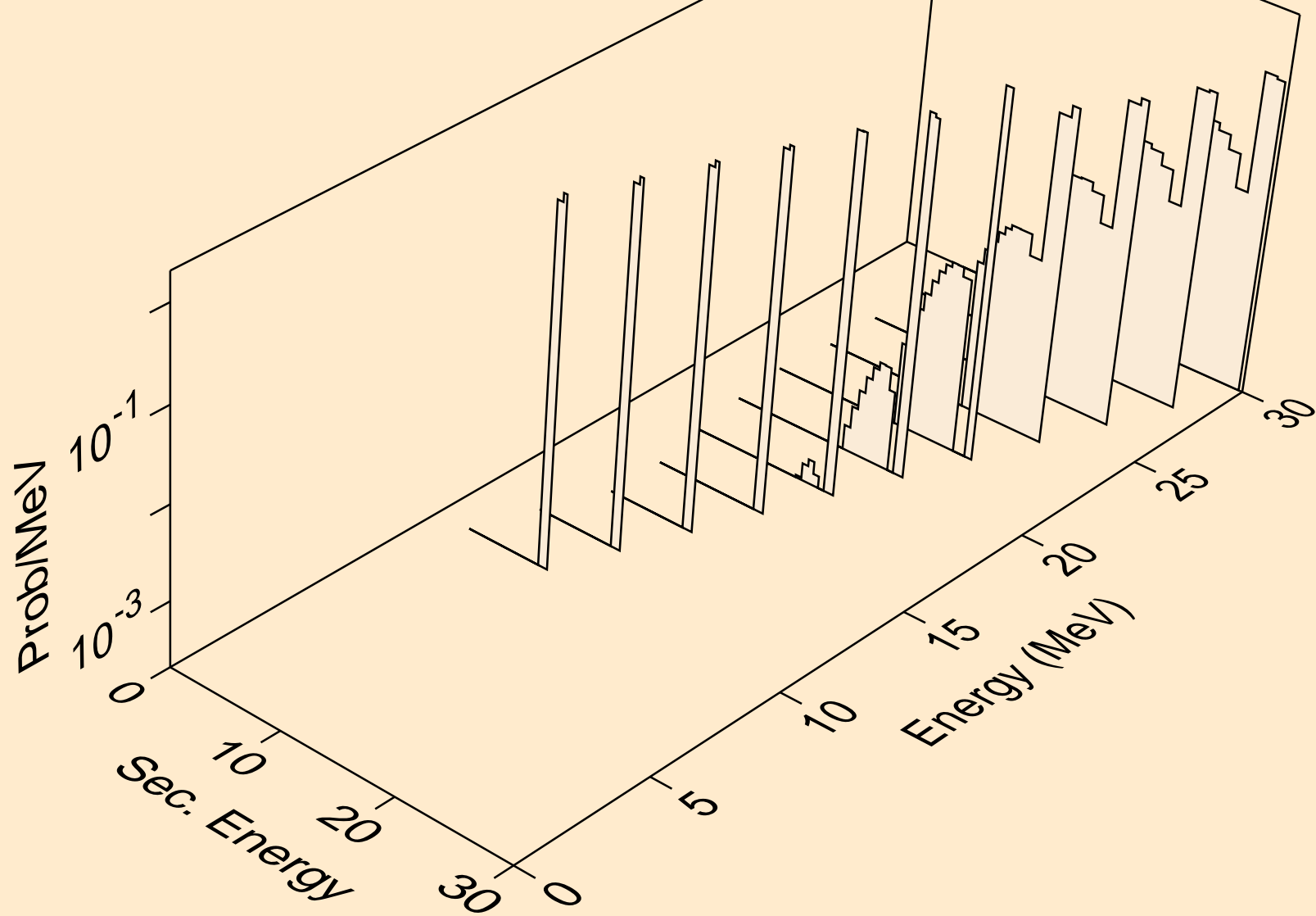
HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,x)



HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

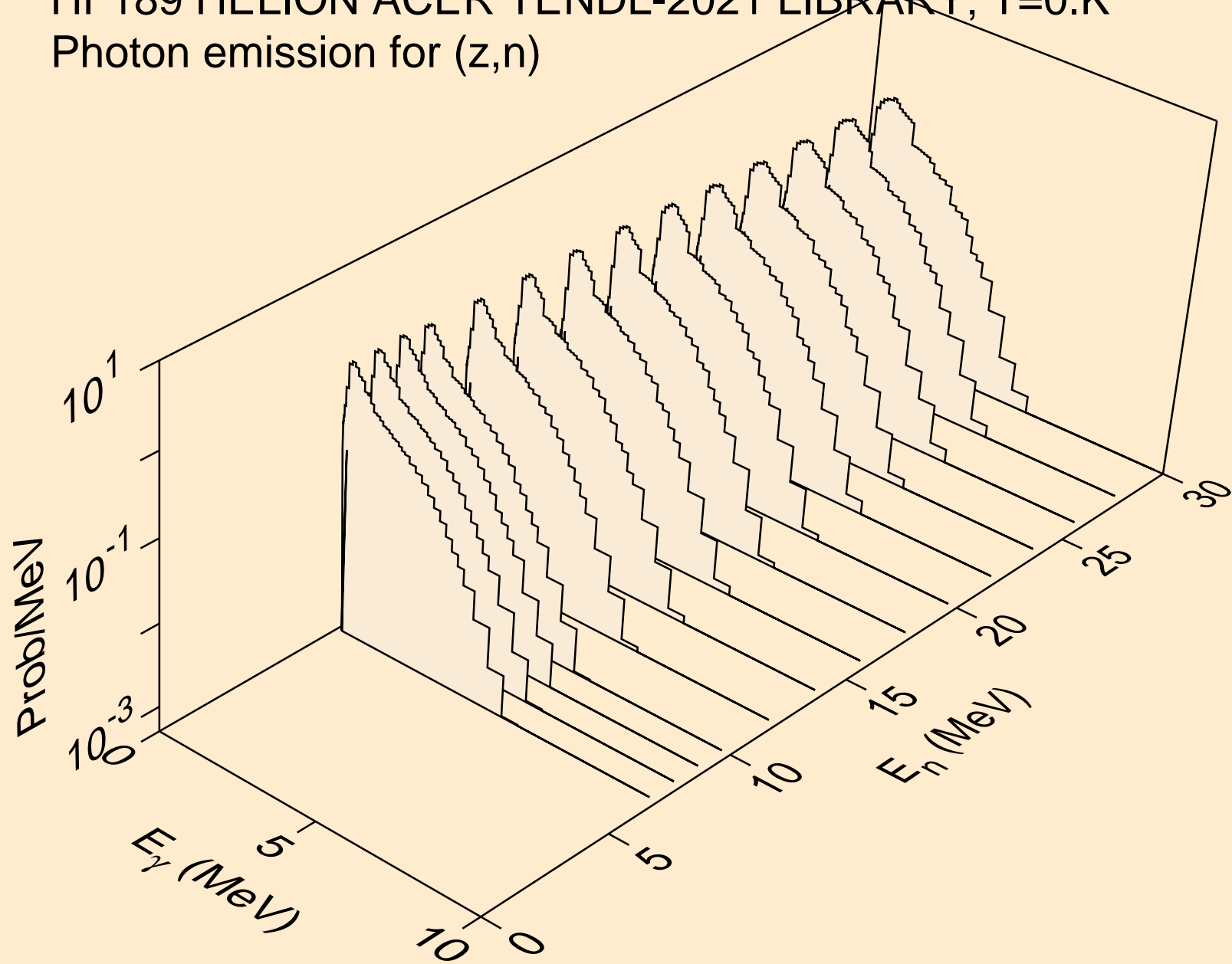


HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for inelastic

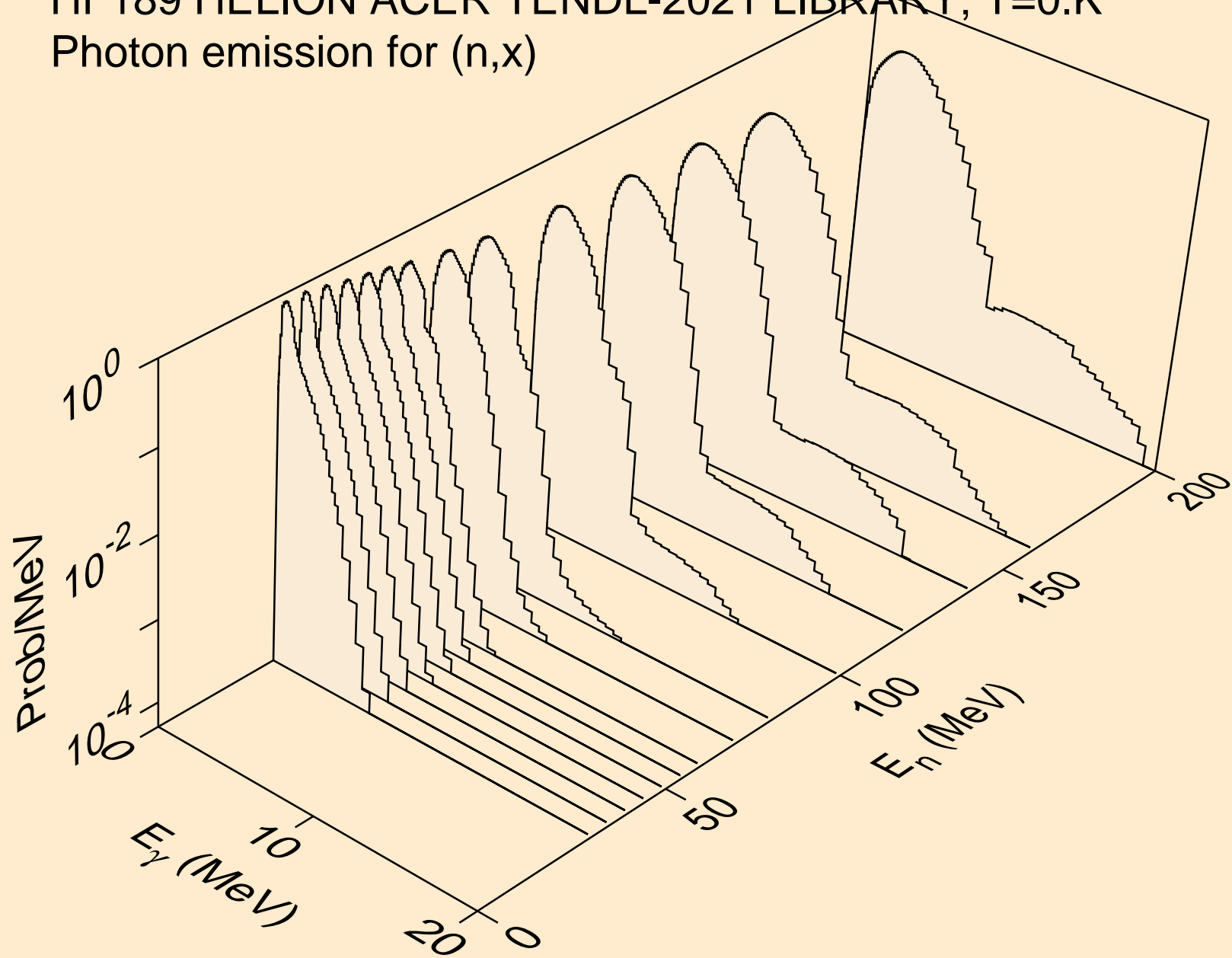




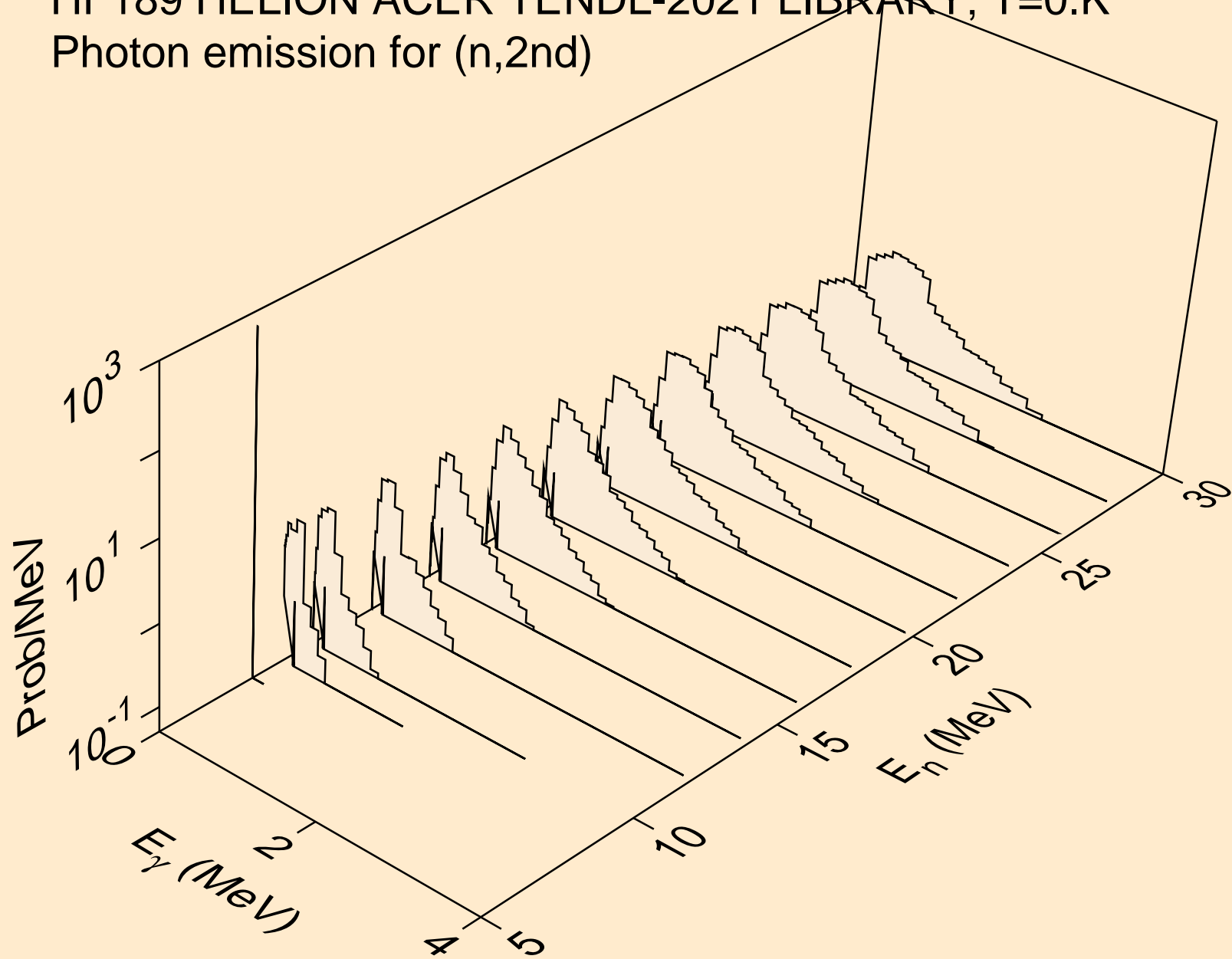
HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



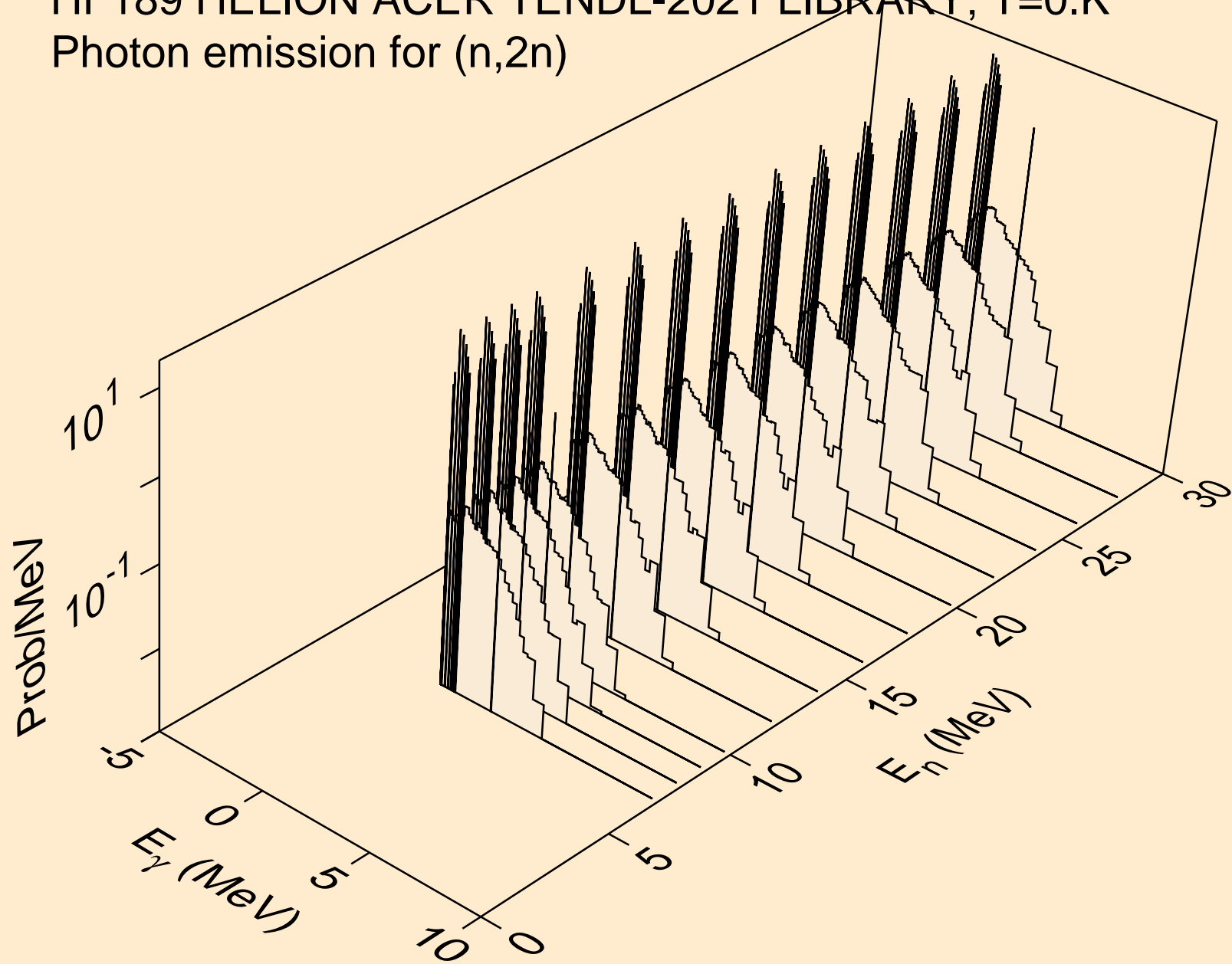
HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



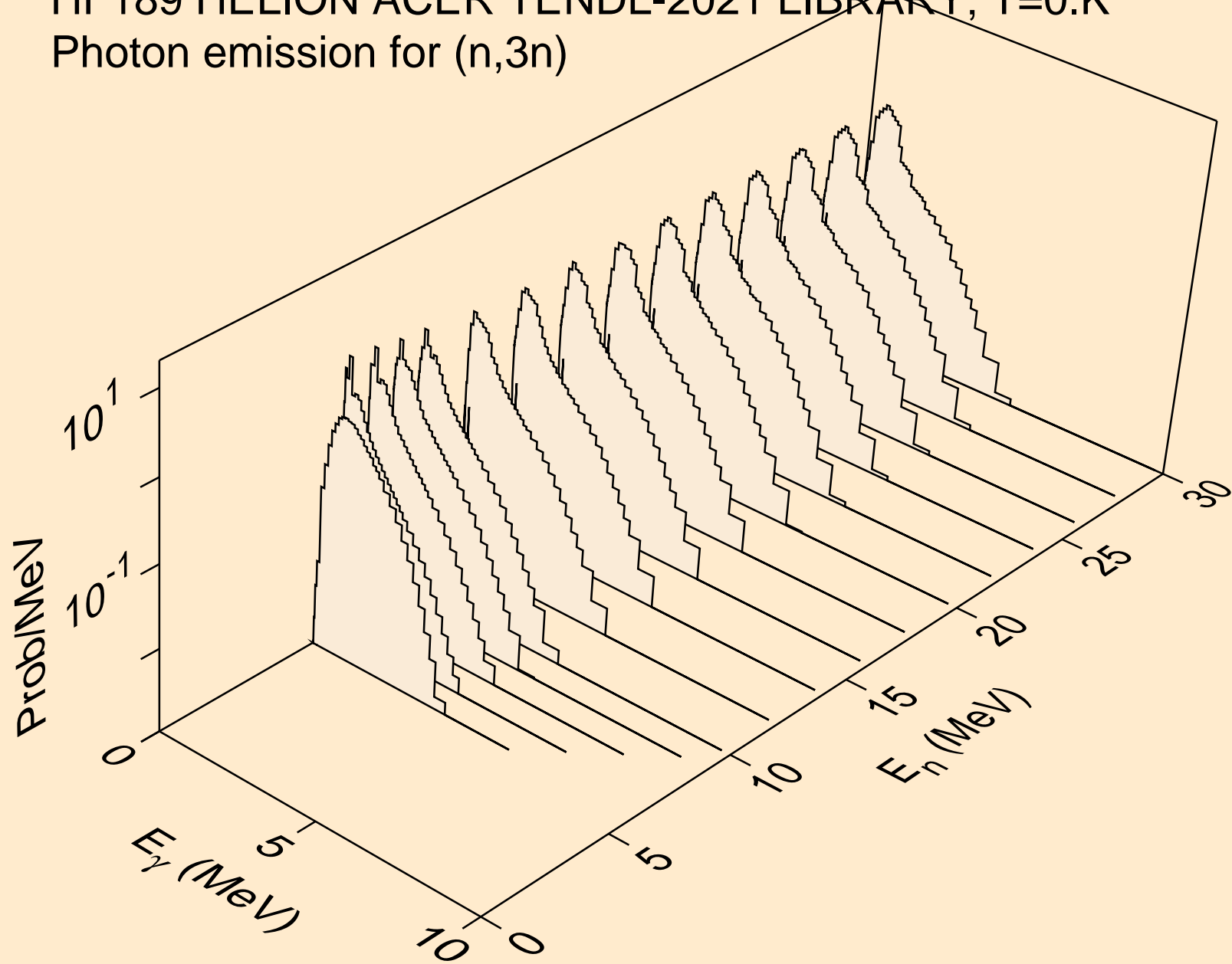
HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)



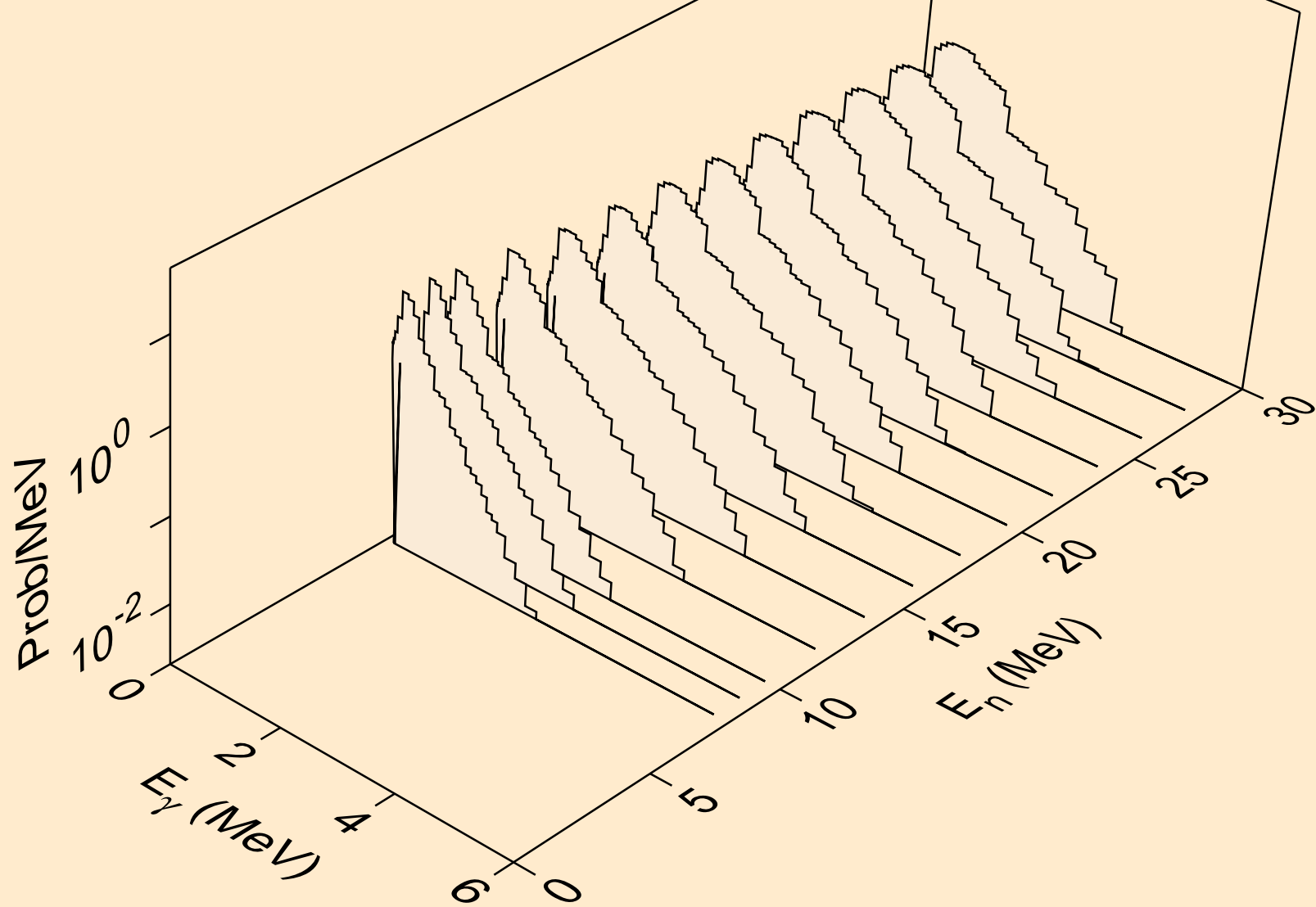
HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



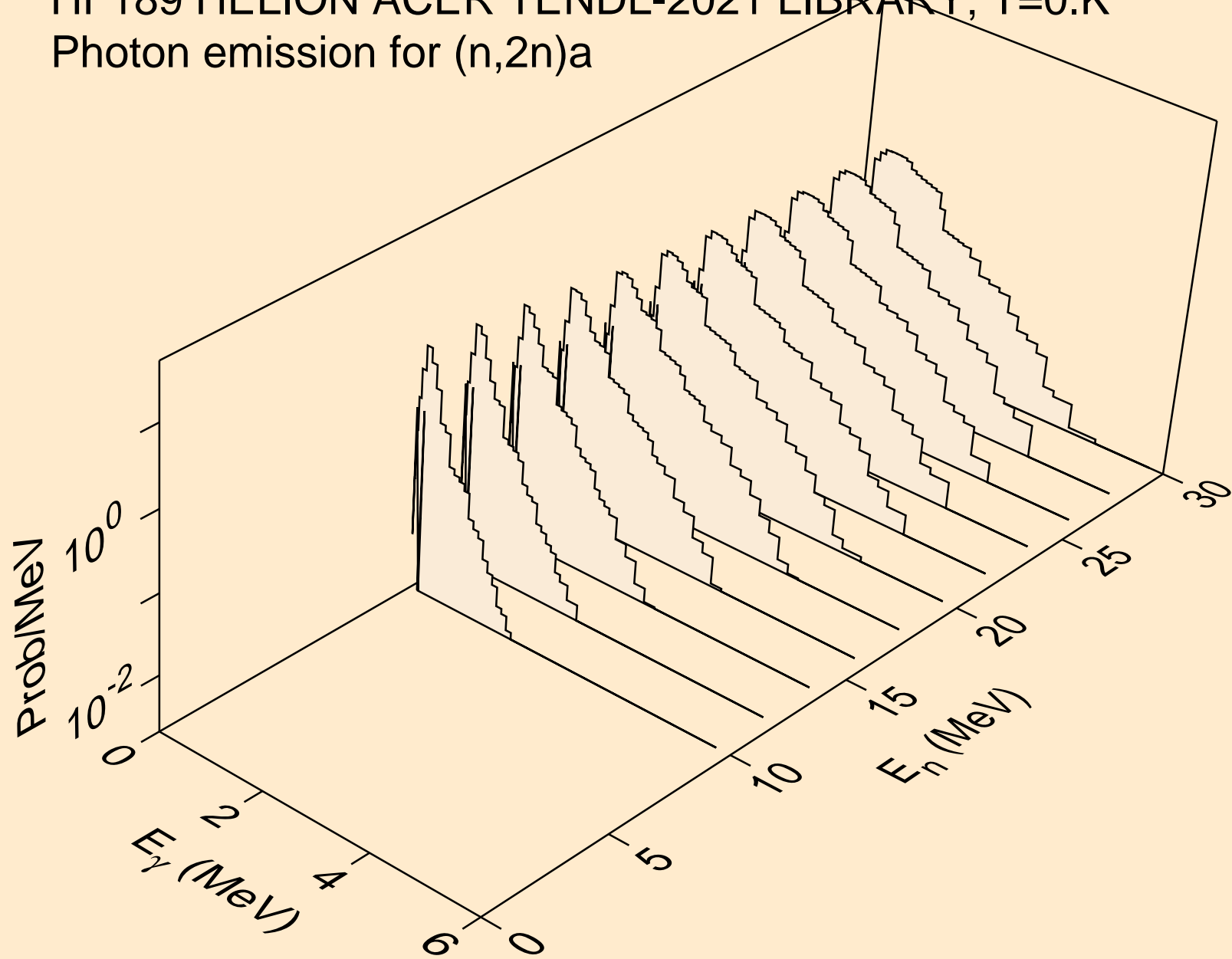
HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



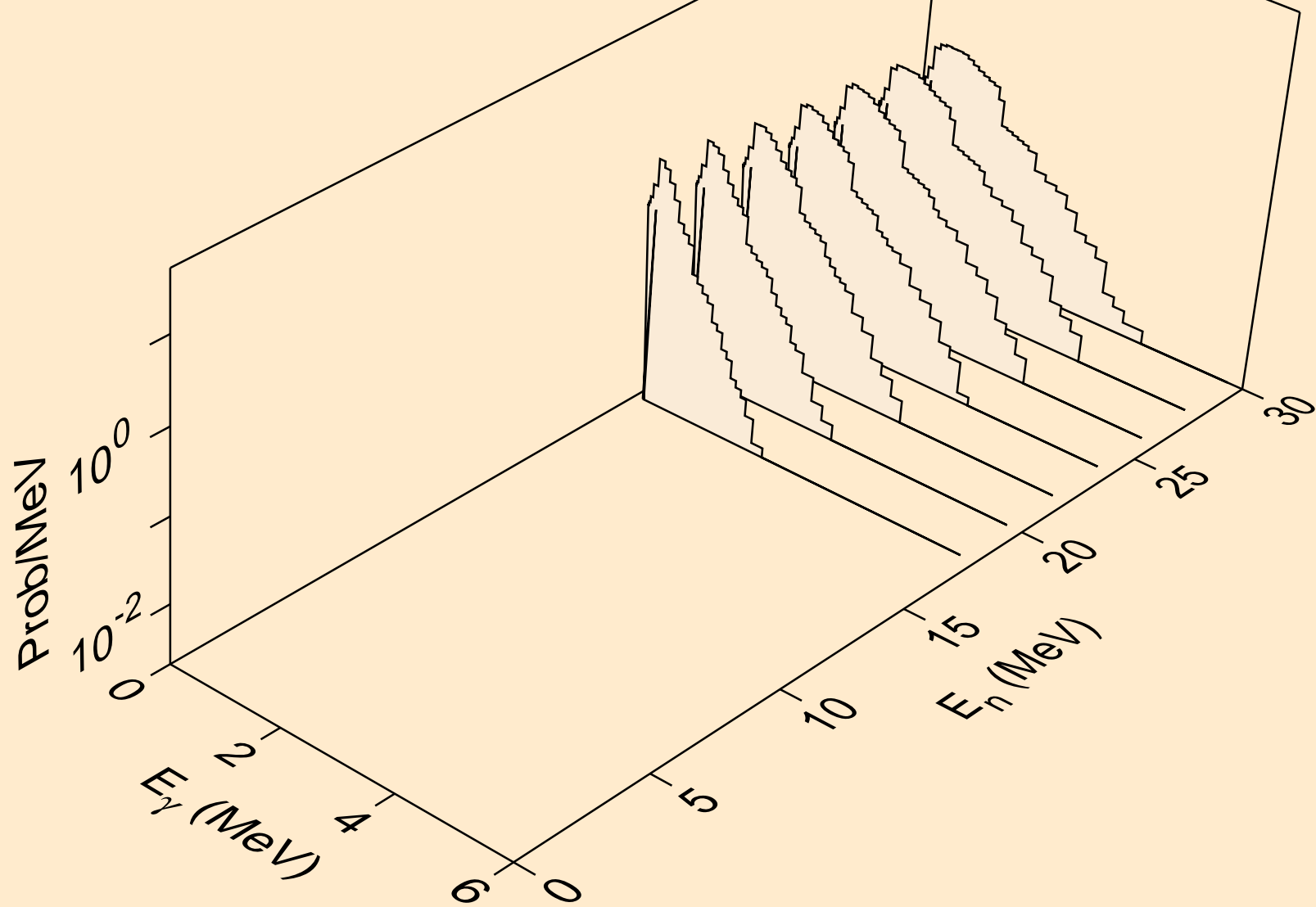
HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a

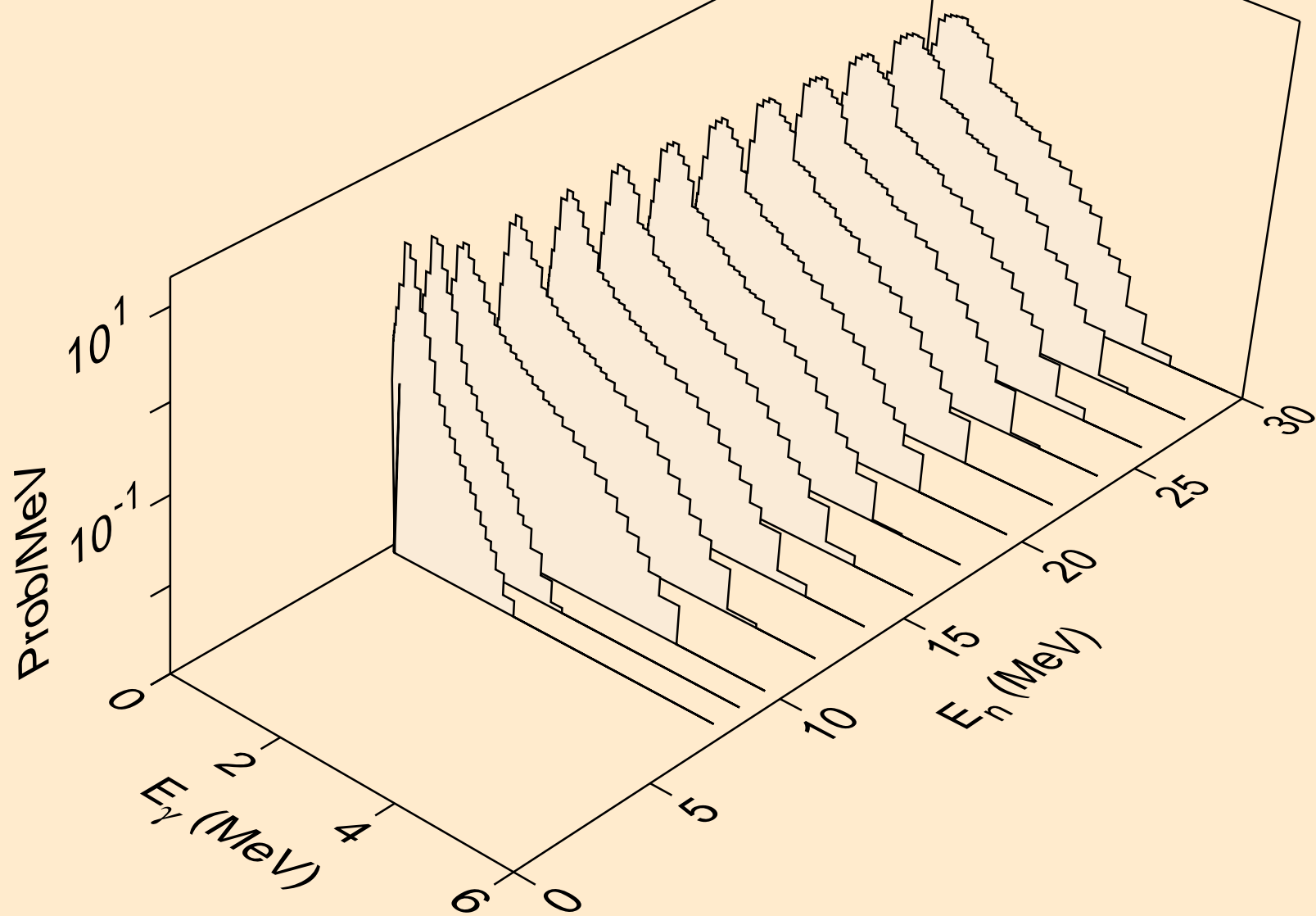


HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)a

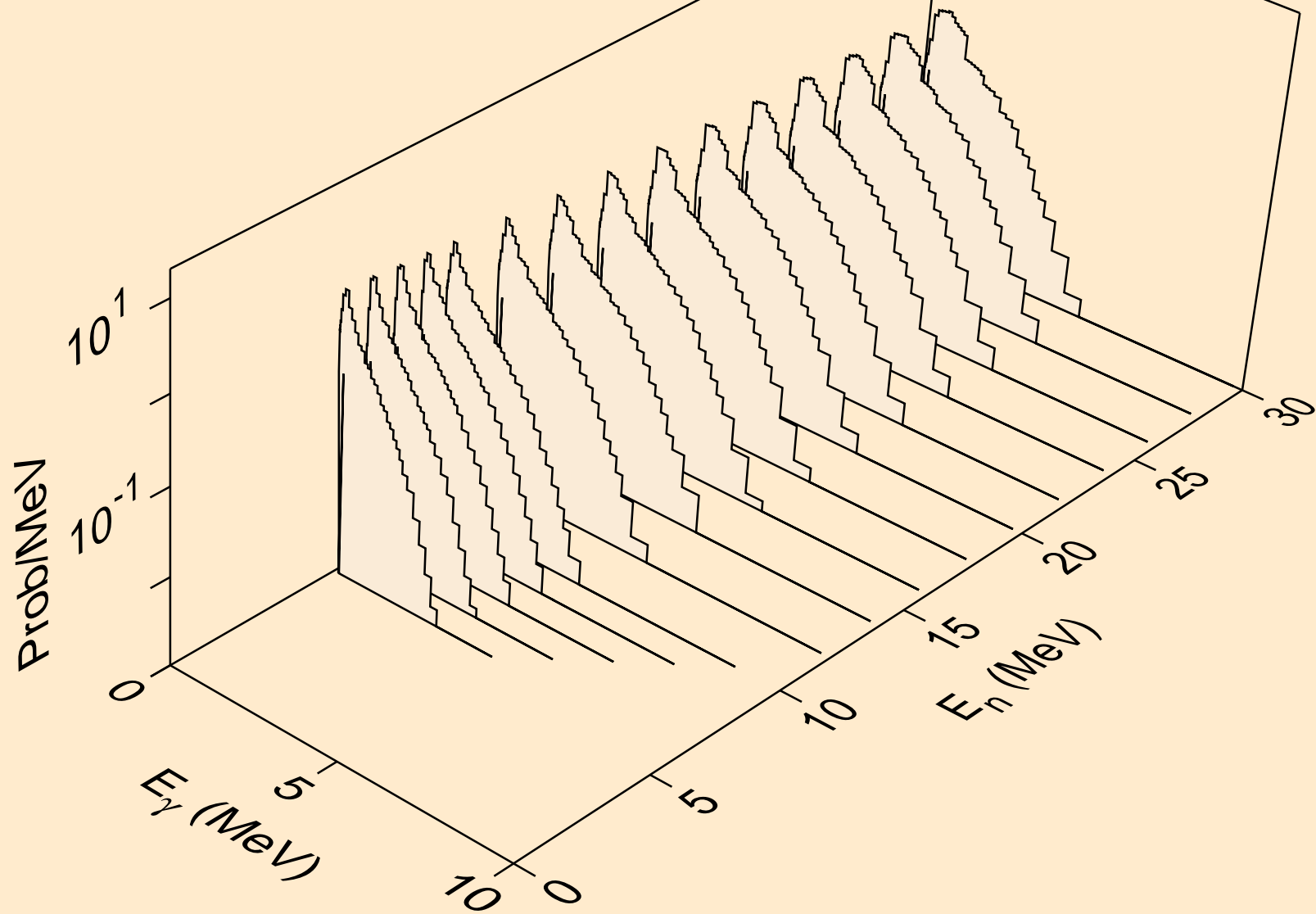




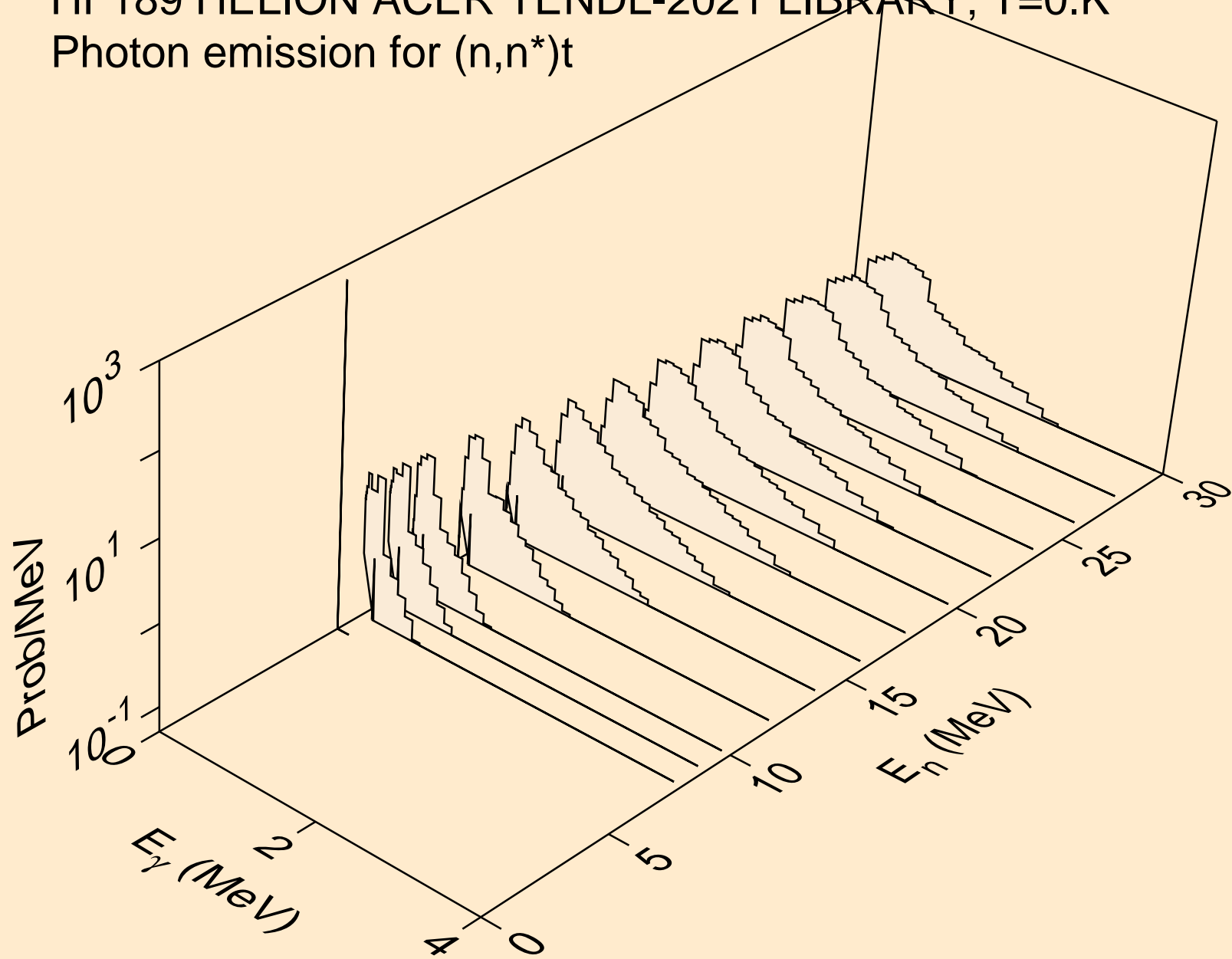
HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



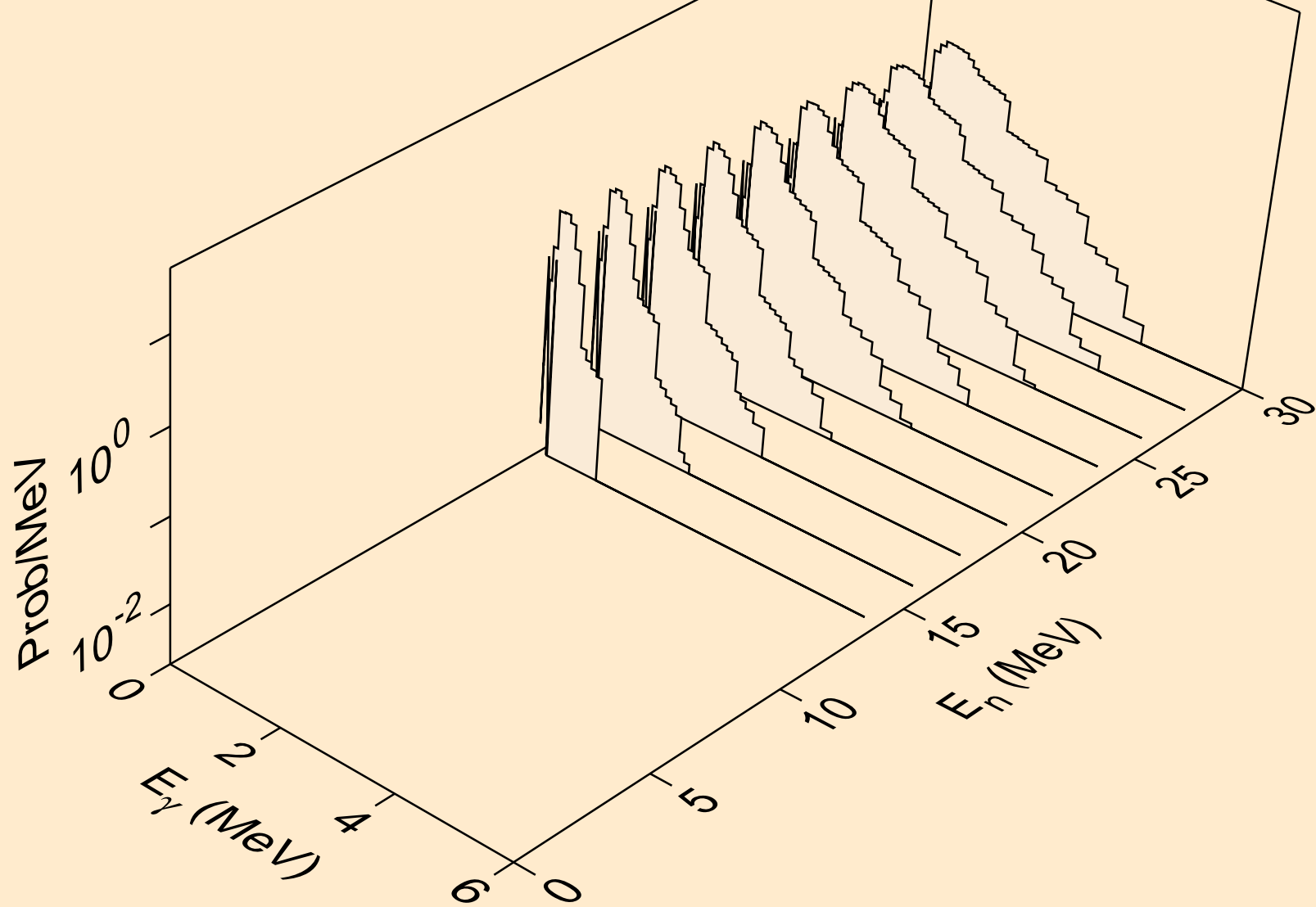
HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



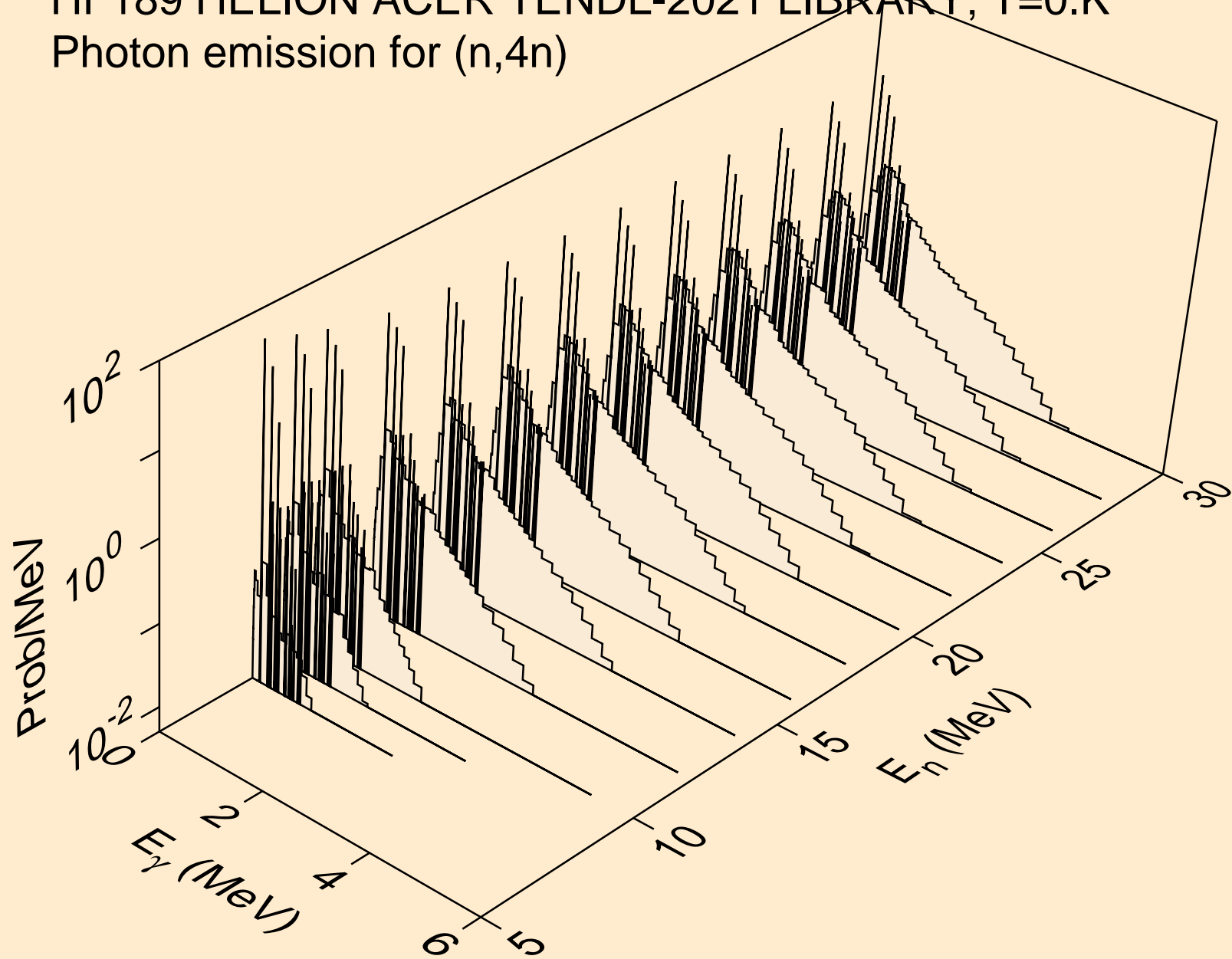
HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



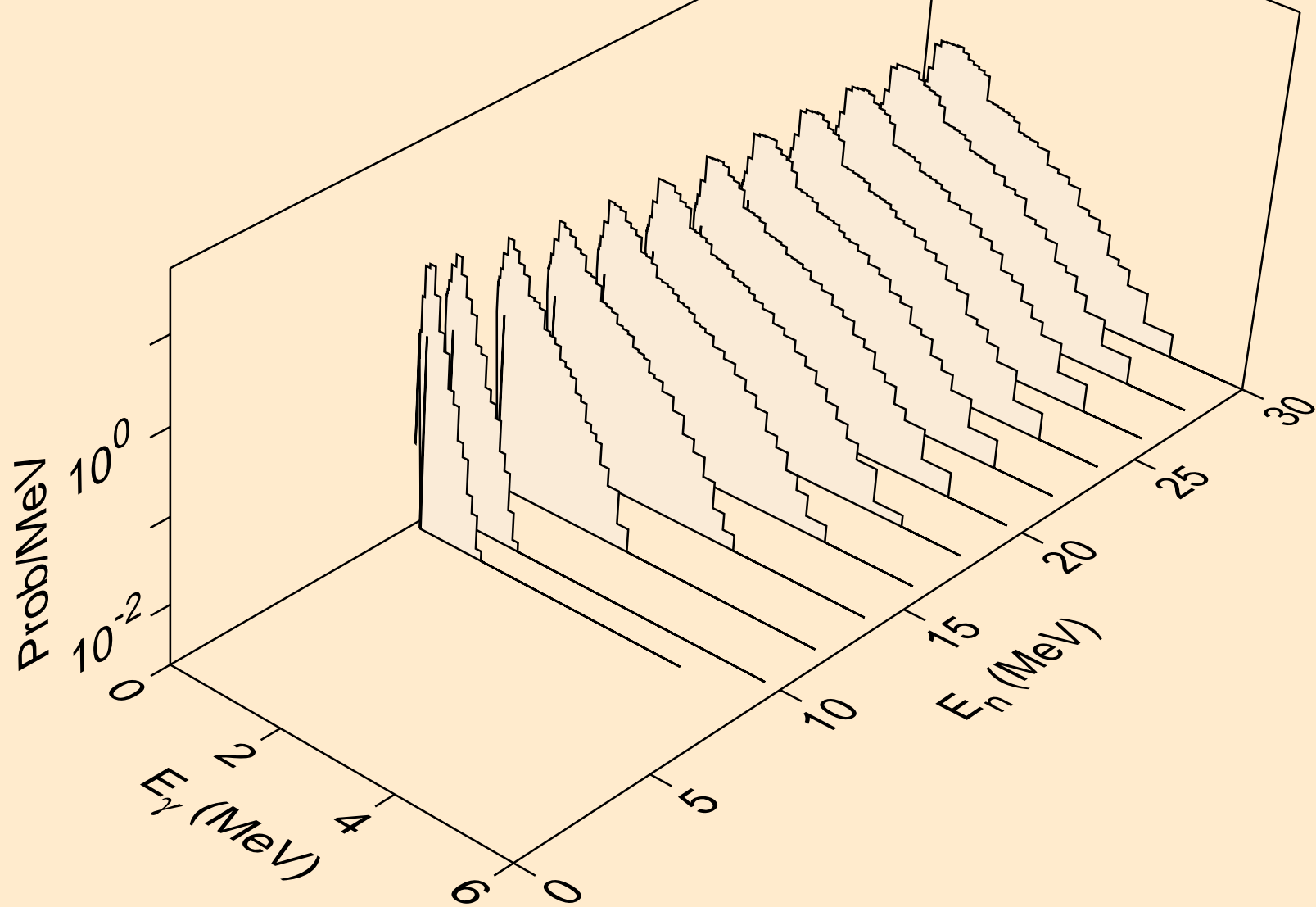
HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



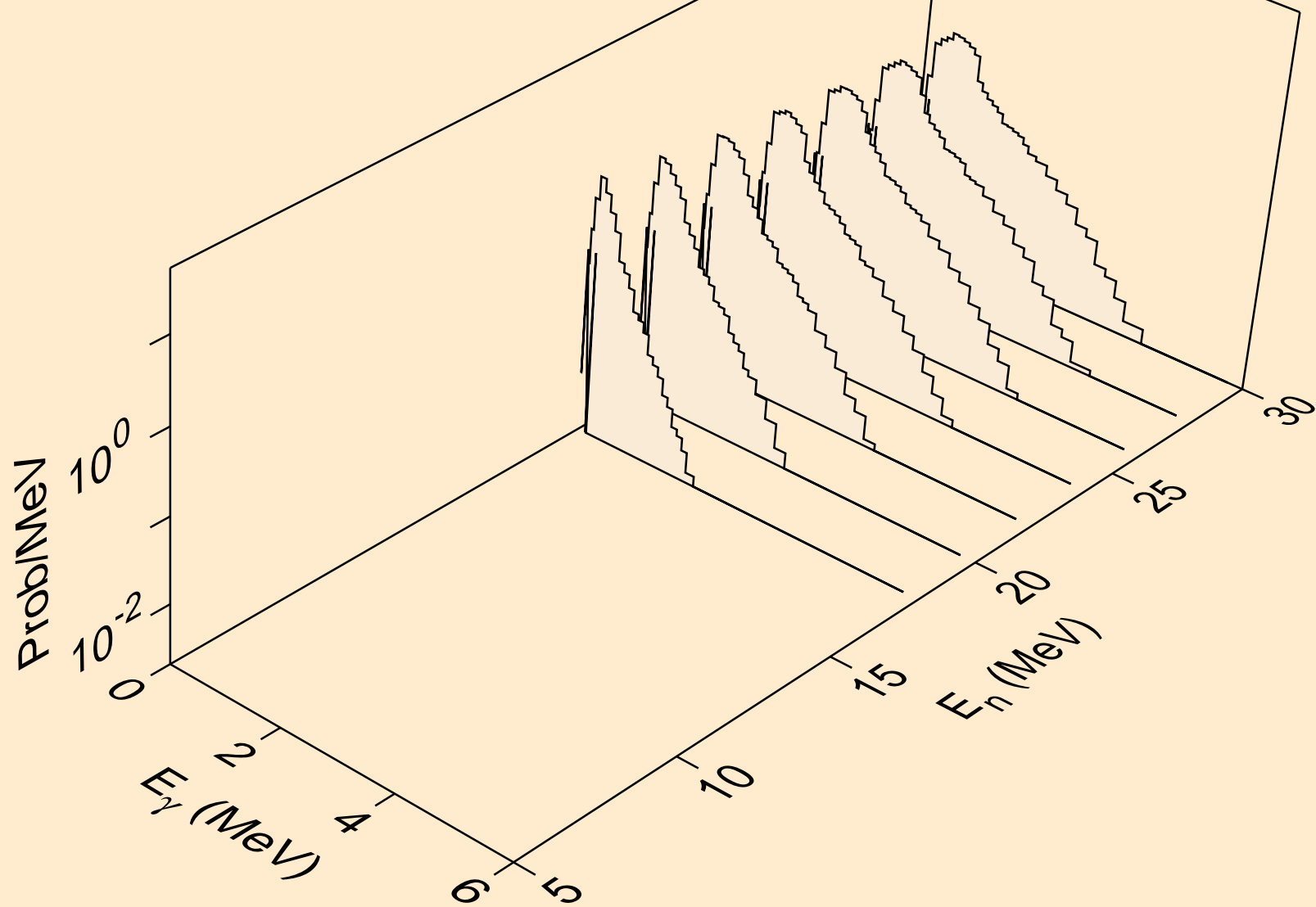
HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,4n)



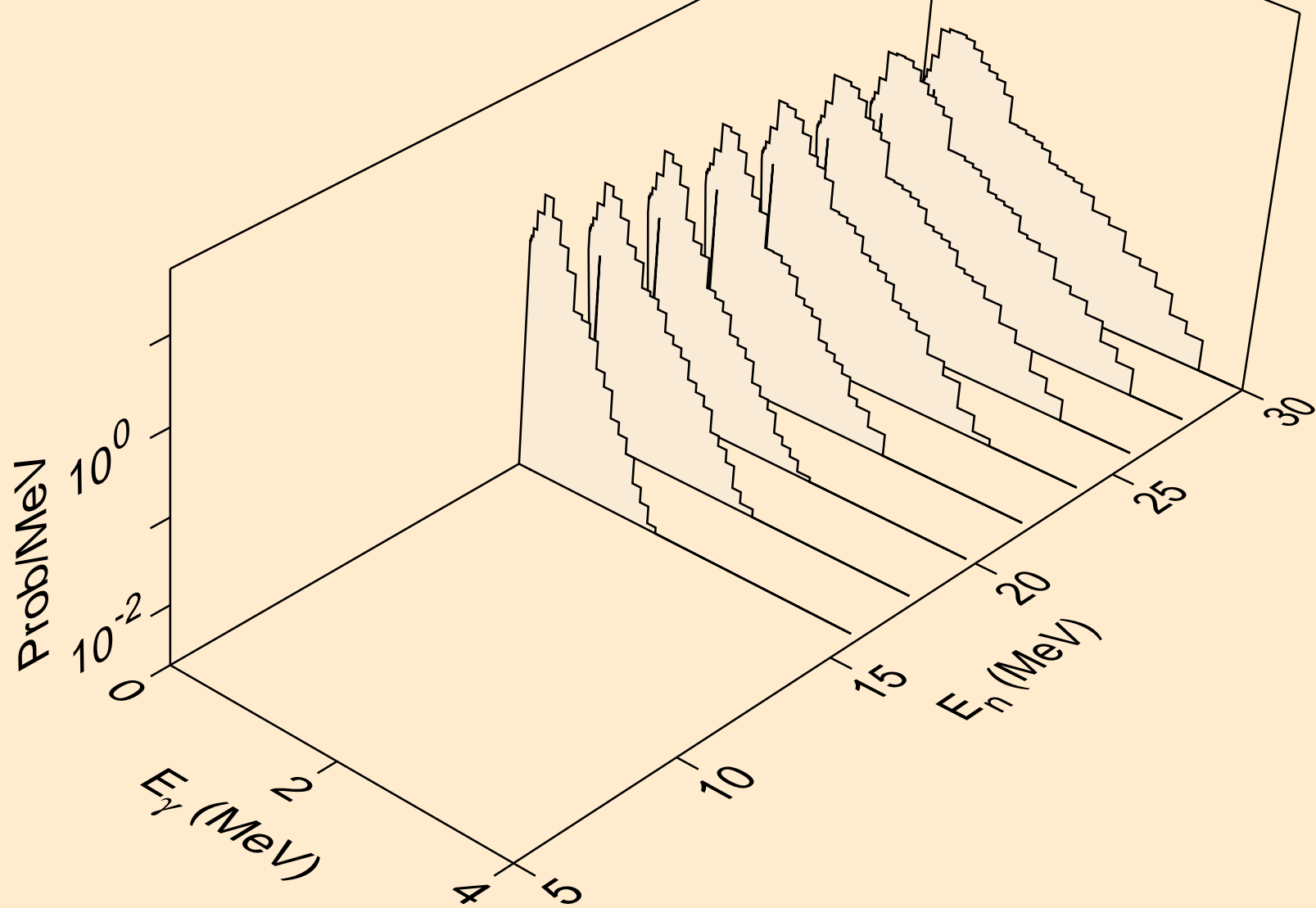
HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3np)

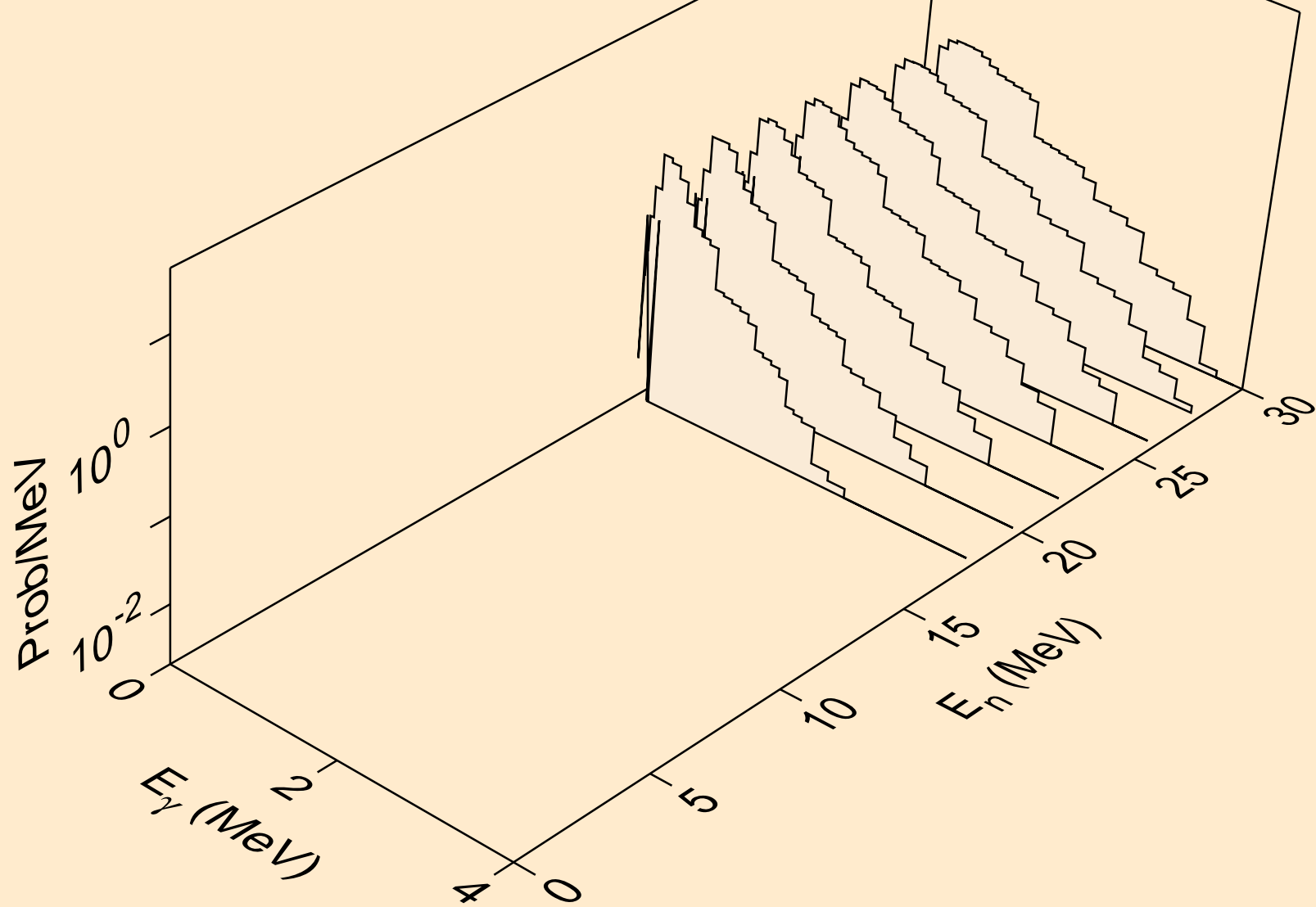


HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)

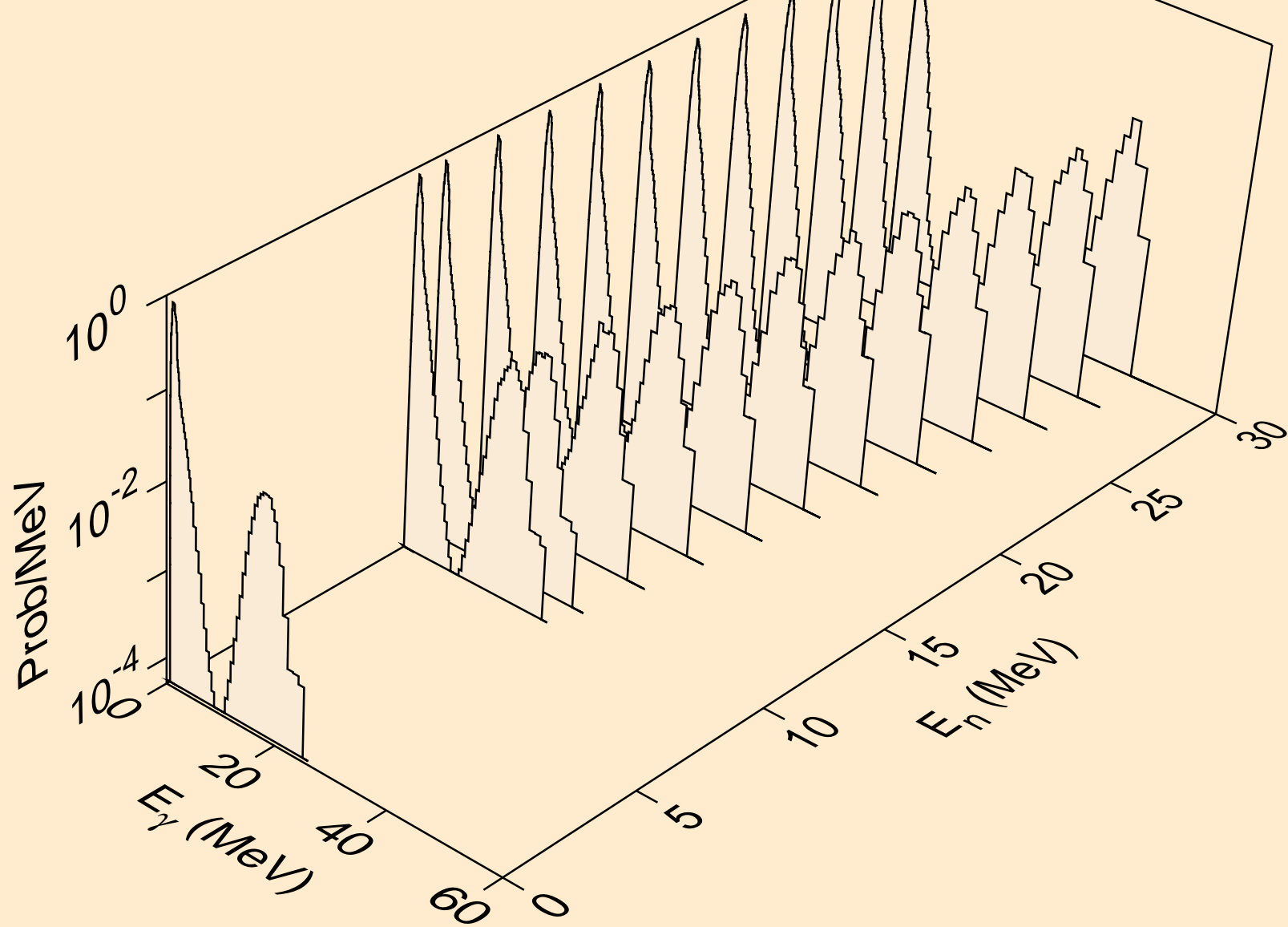




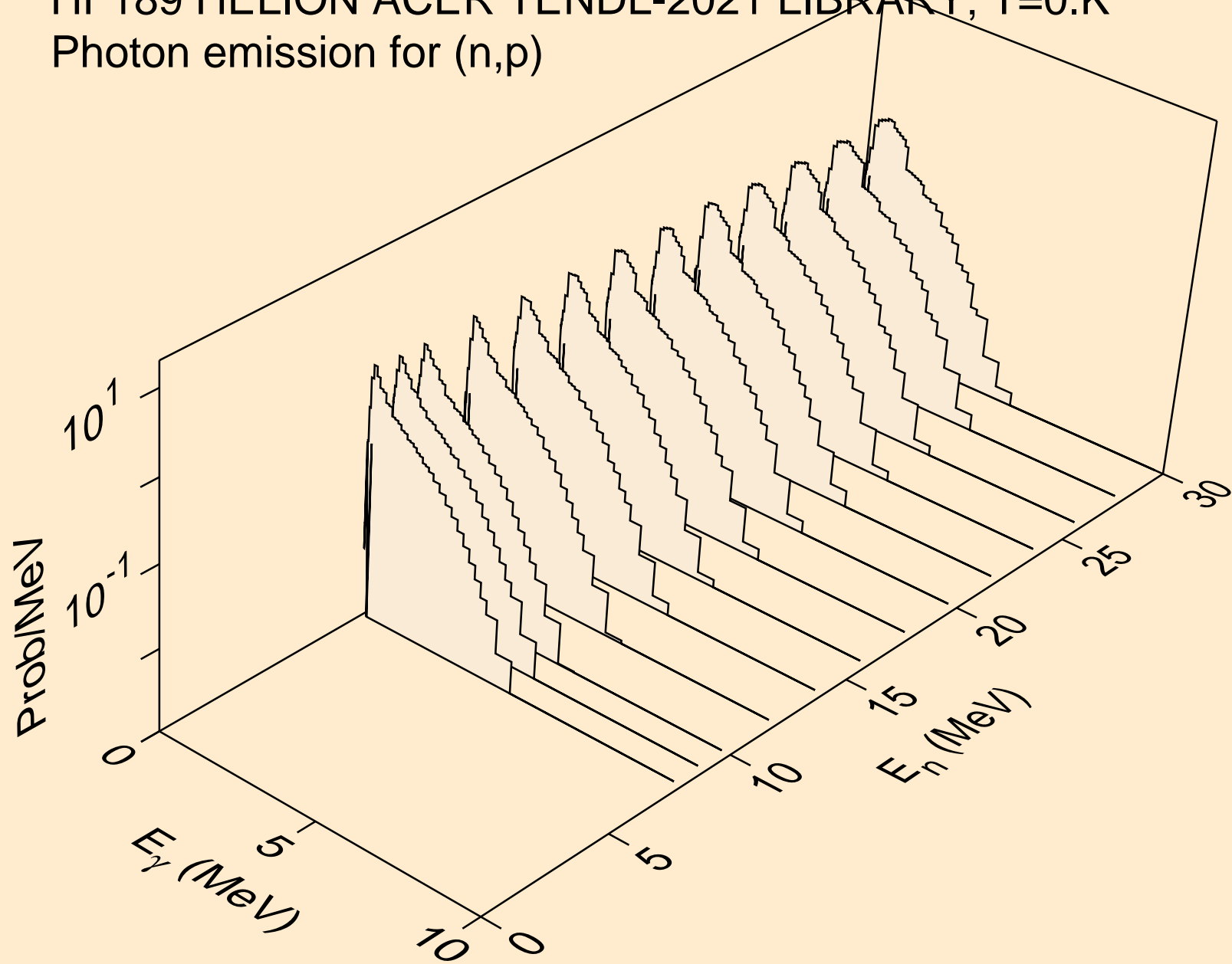
HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,npa)



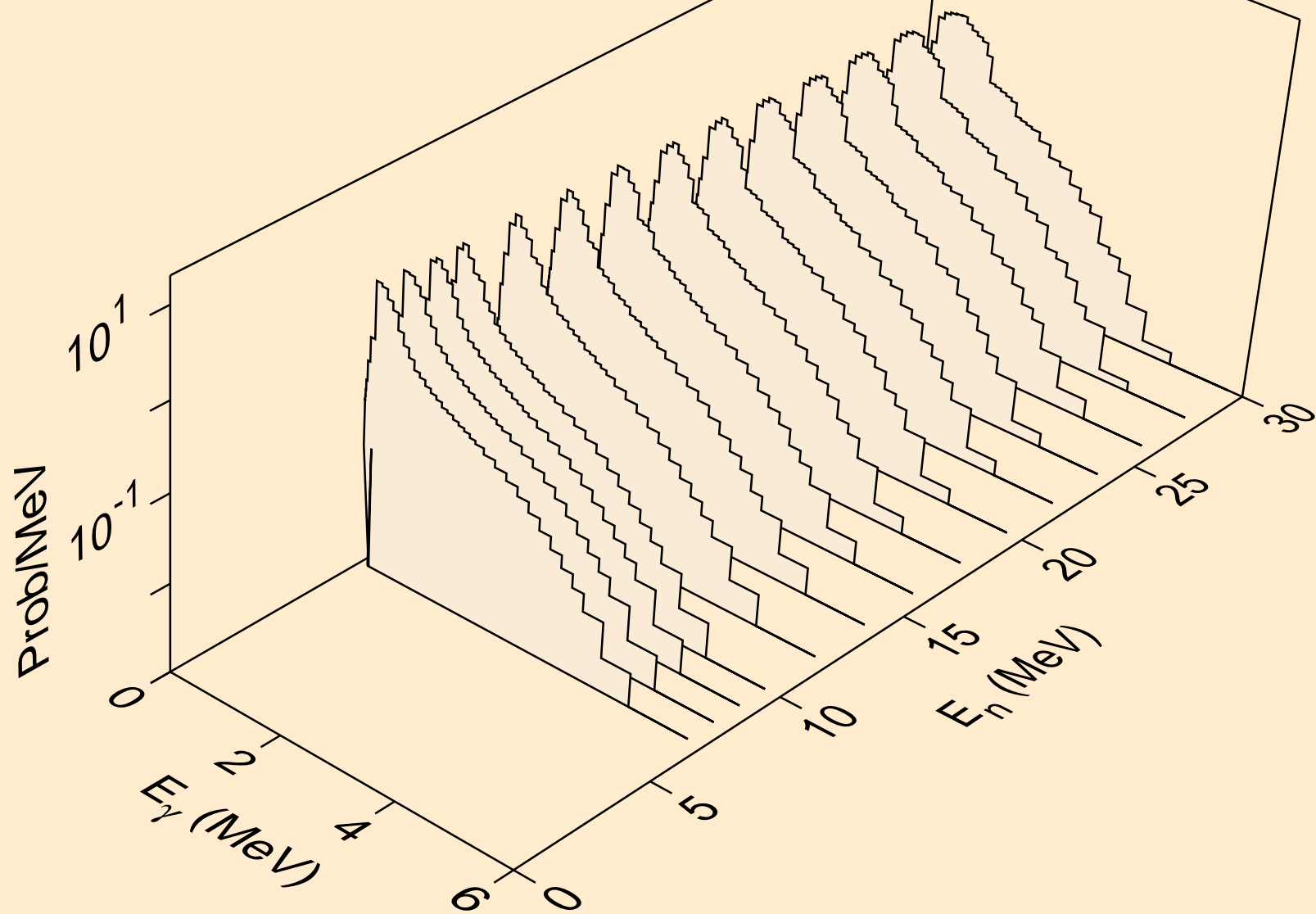
HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,gma)



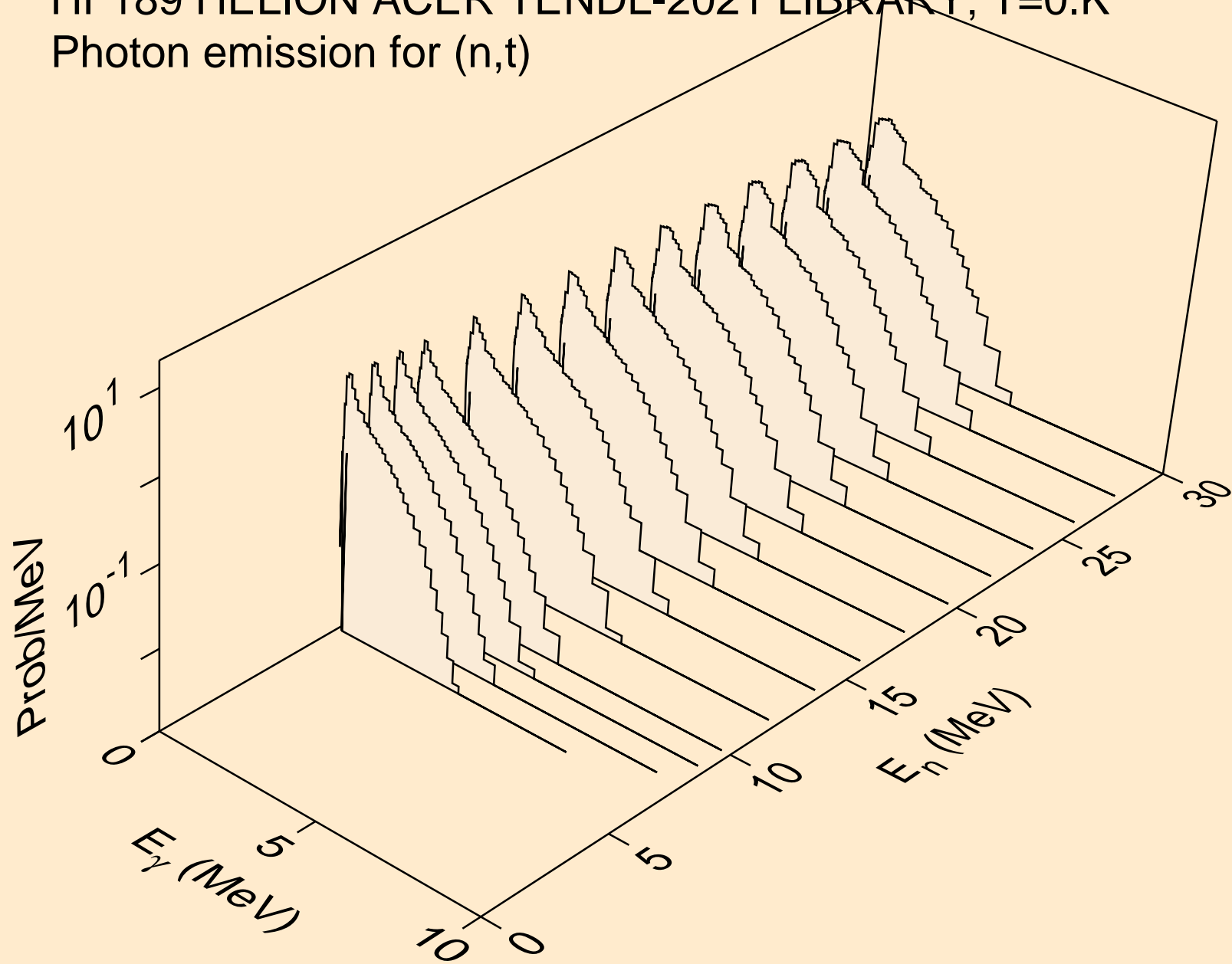
HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p)



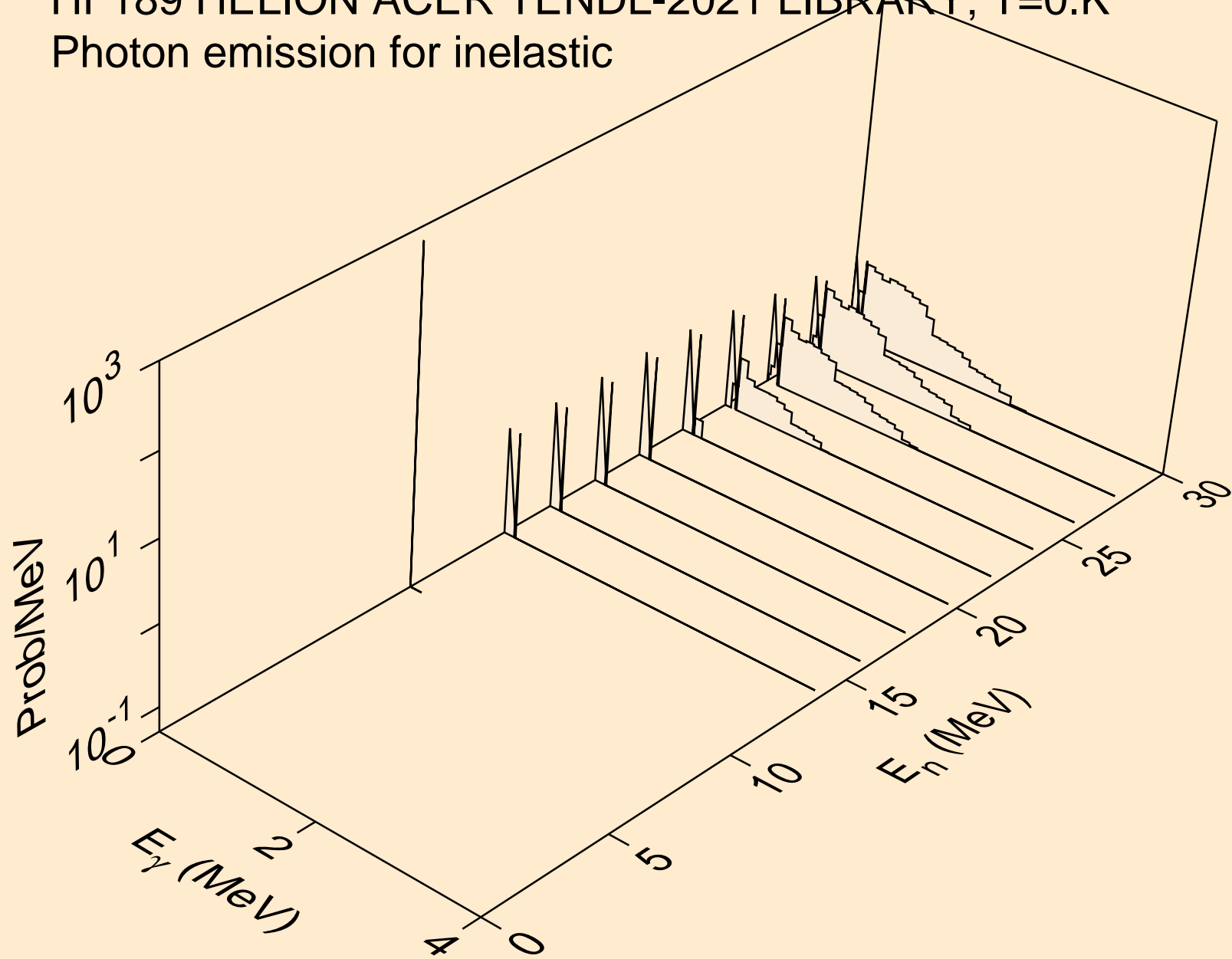
HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)



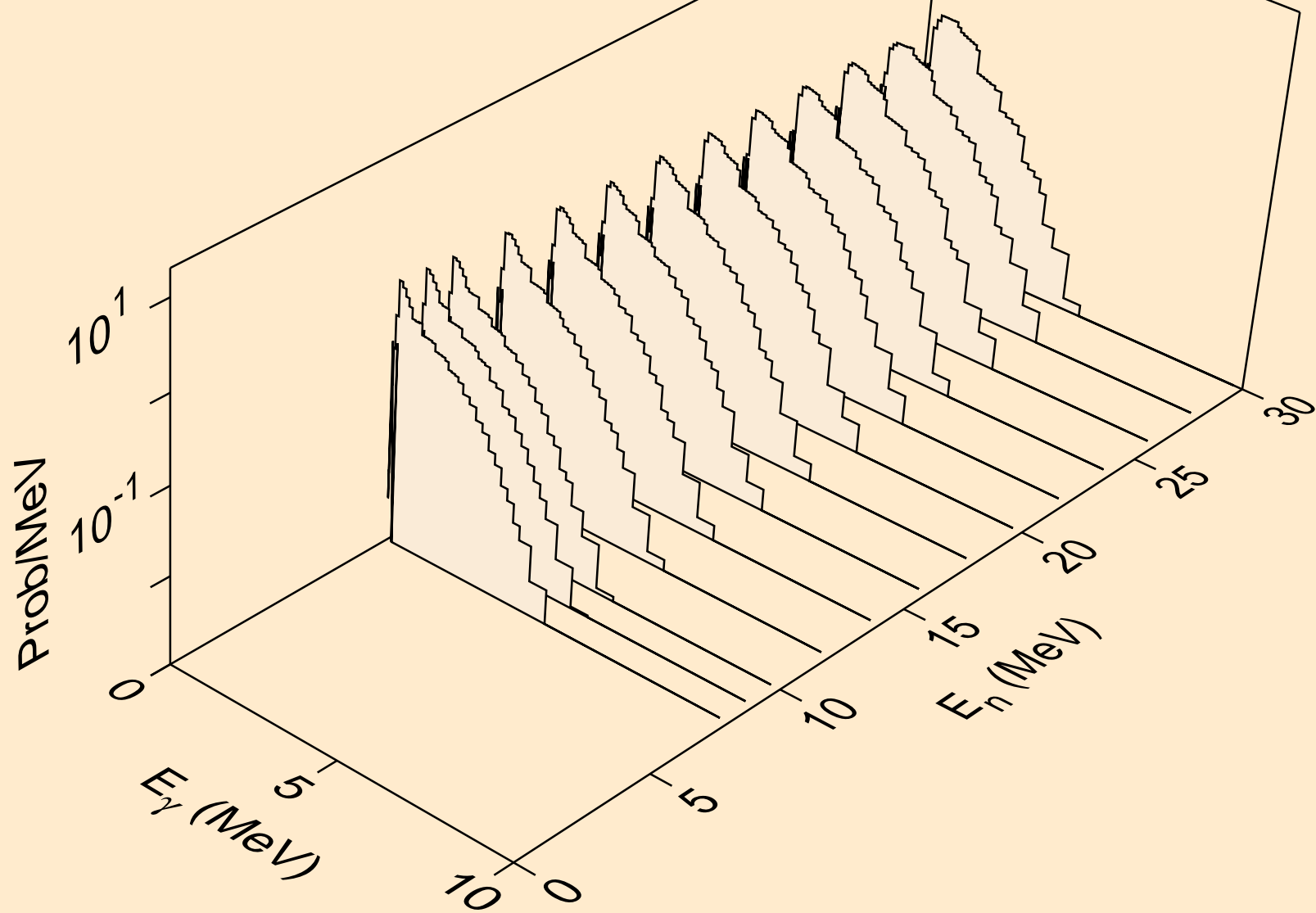
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Photon emission for (n,t)



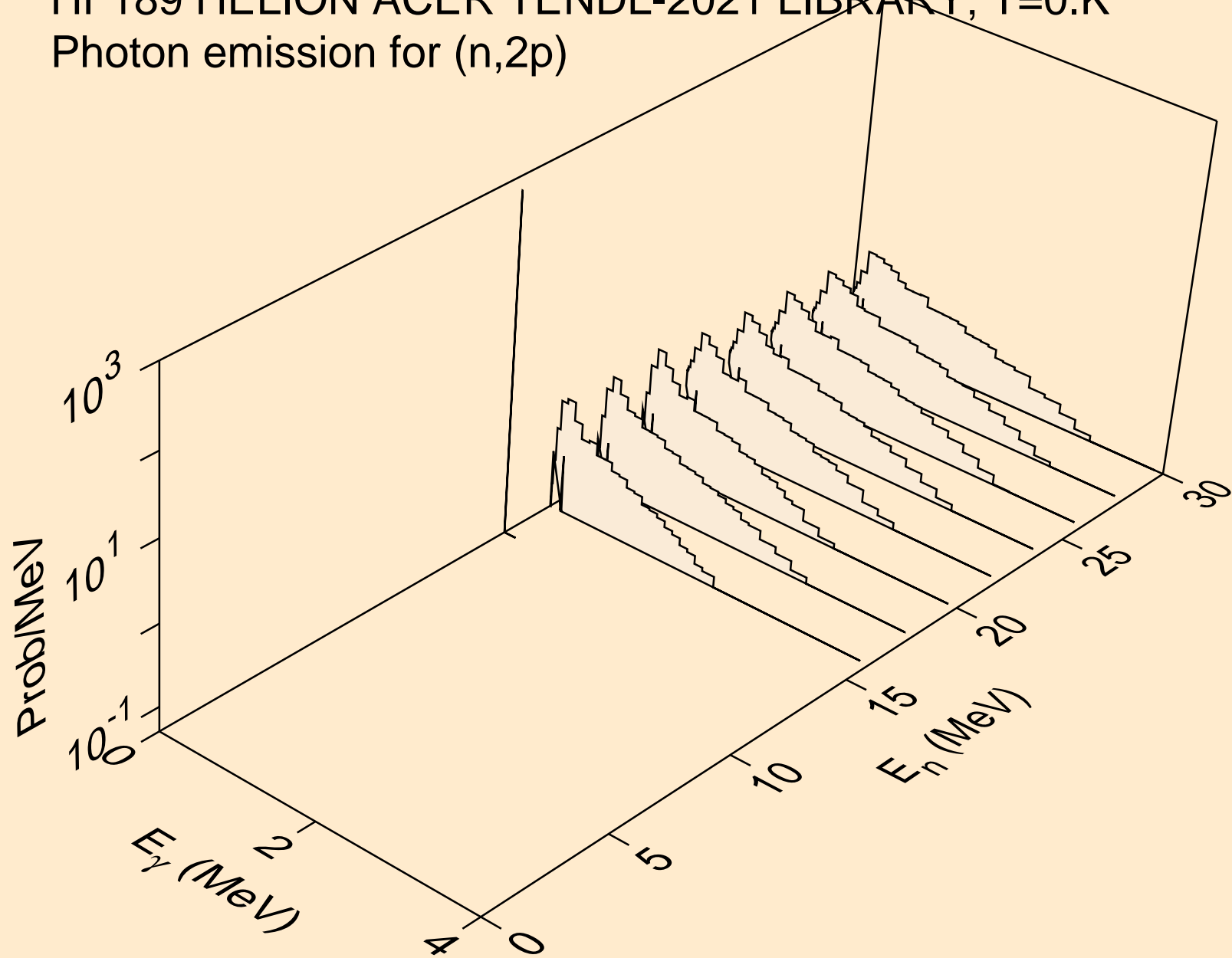
HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,a)

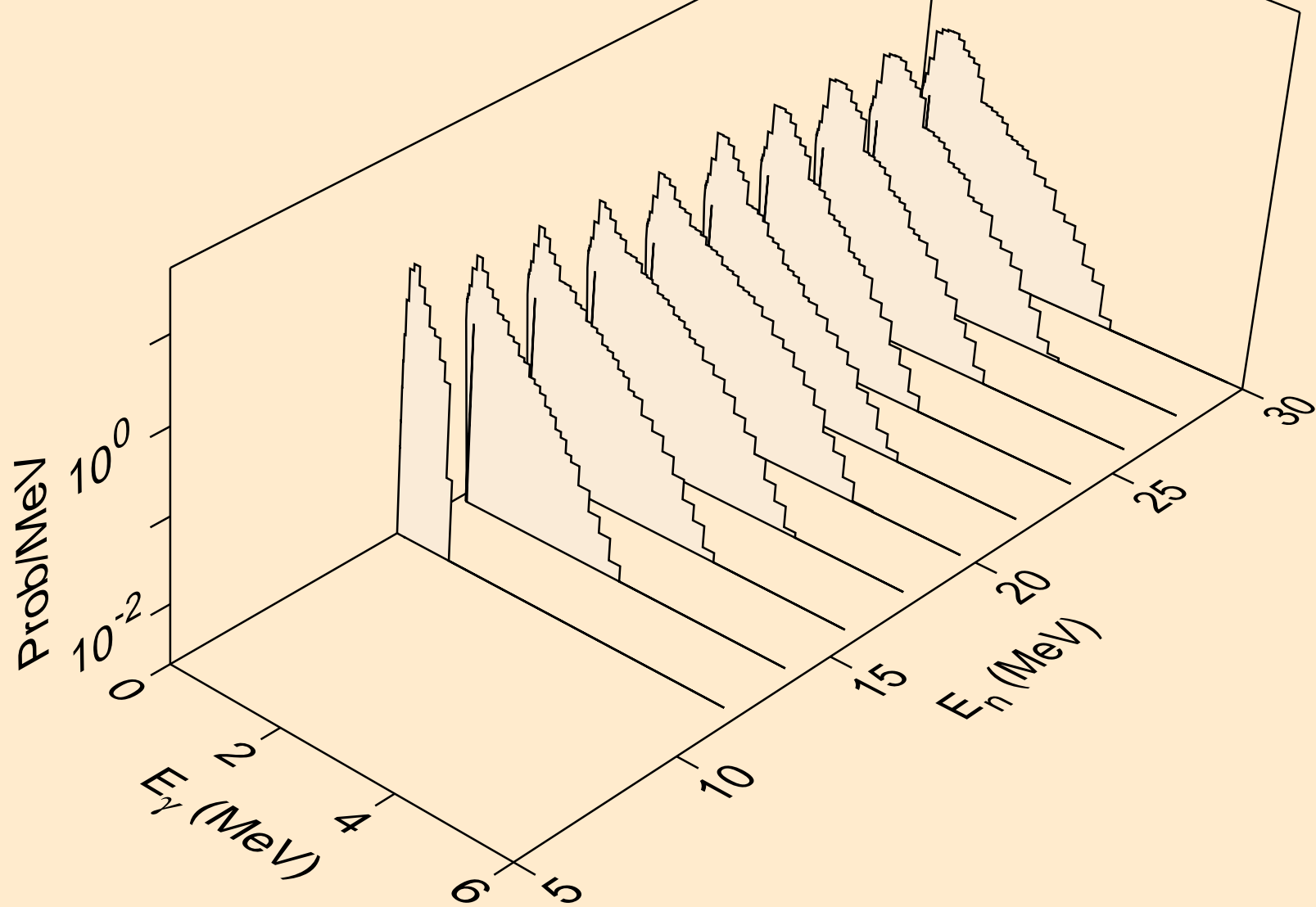


HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)

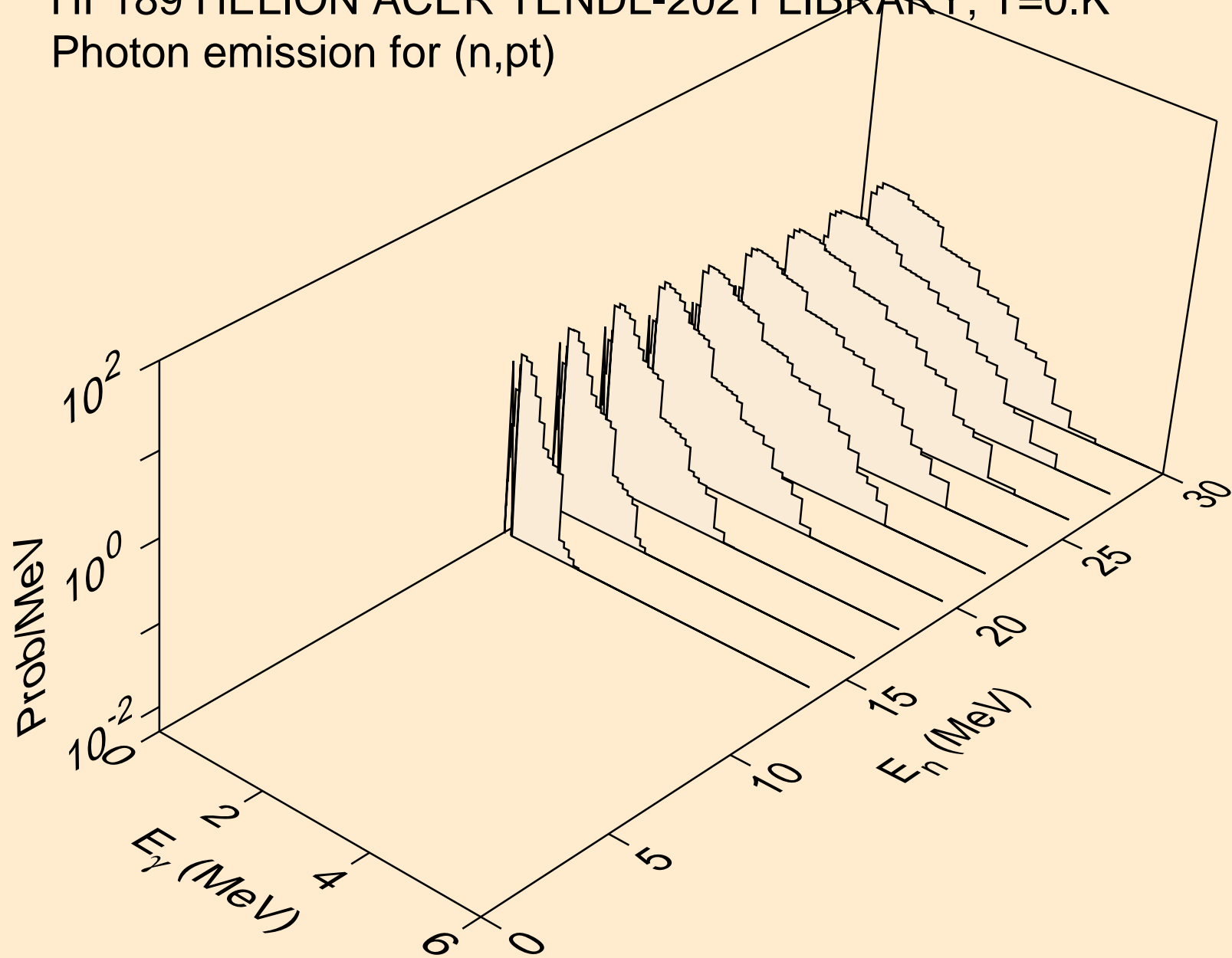




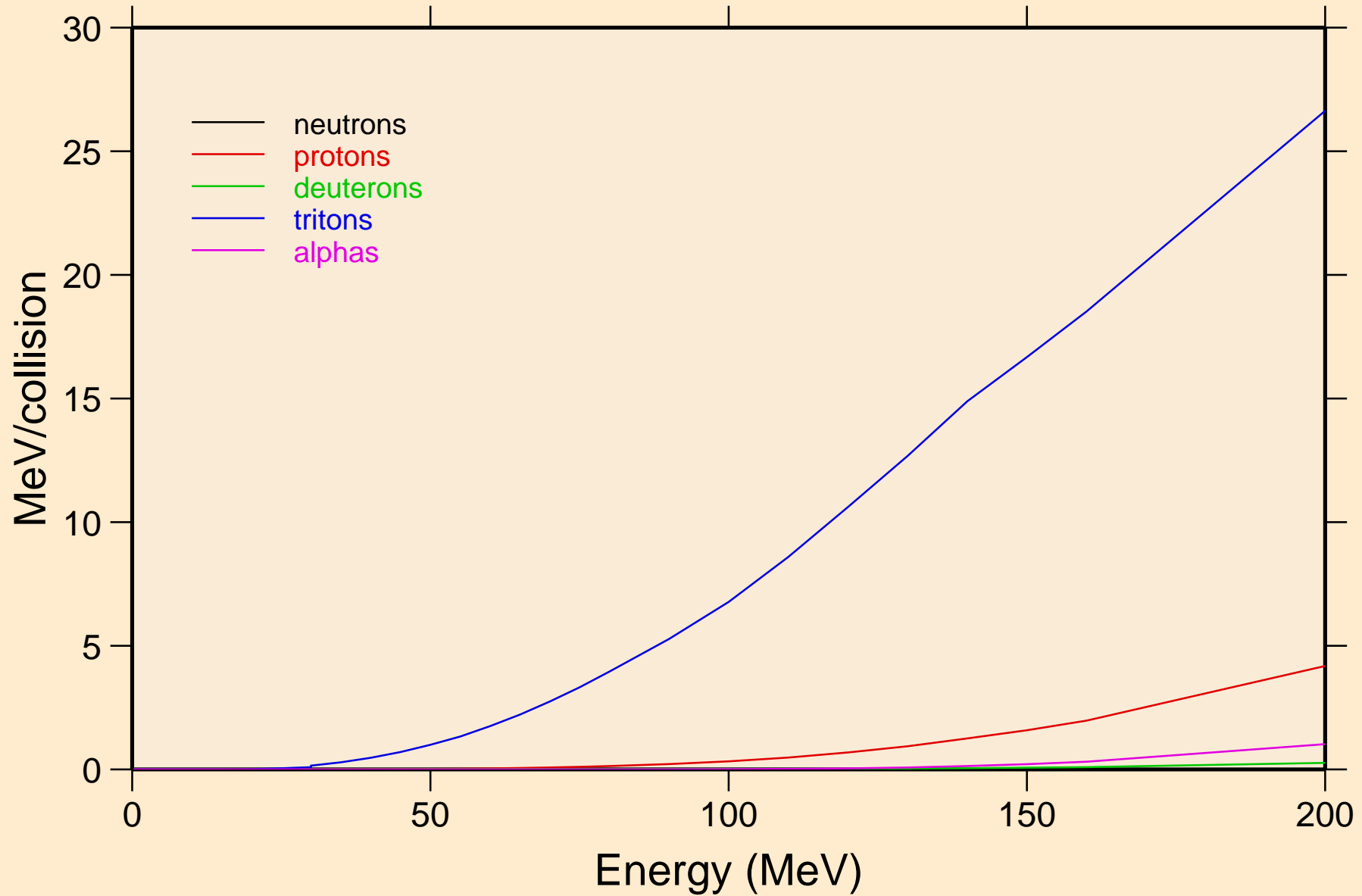
HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)



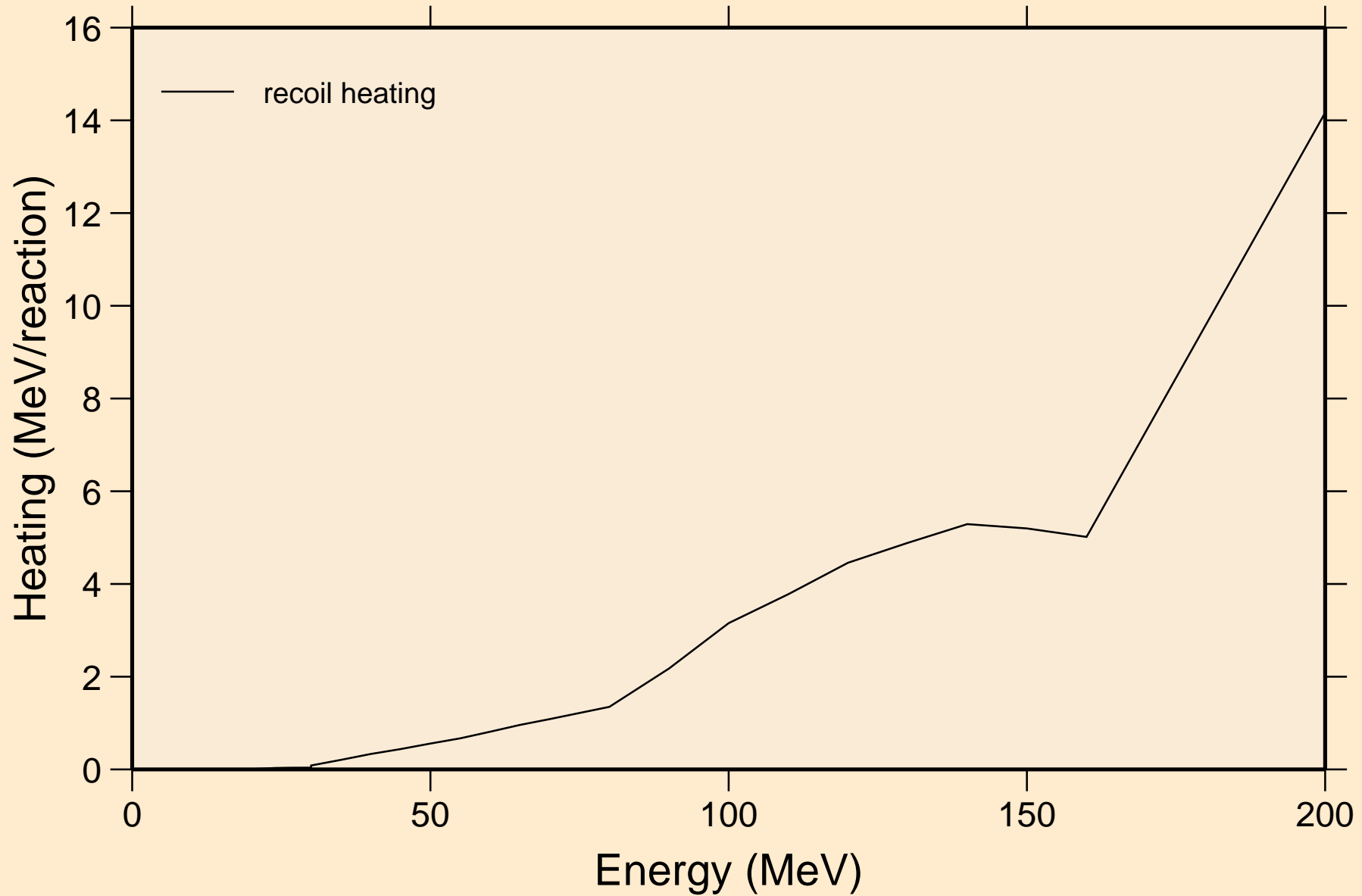
HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)



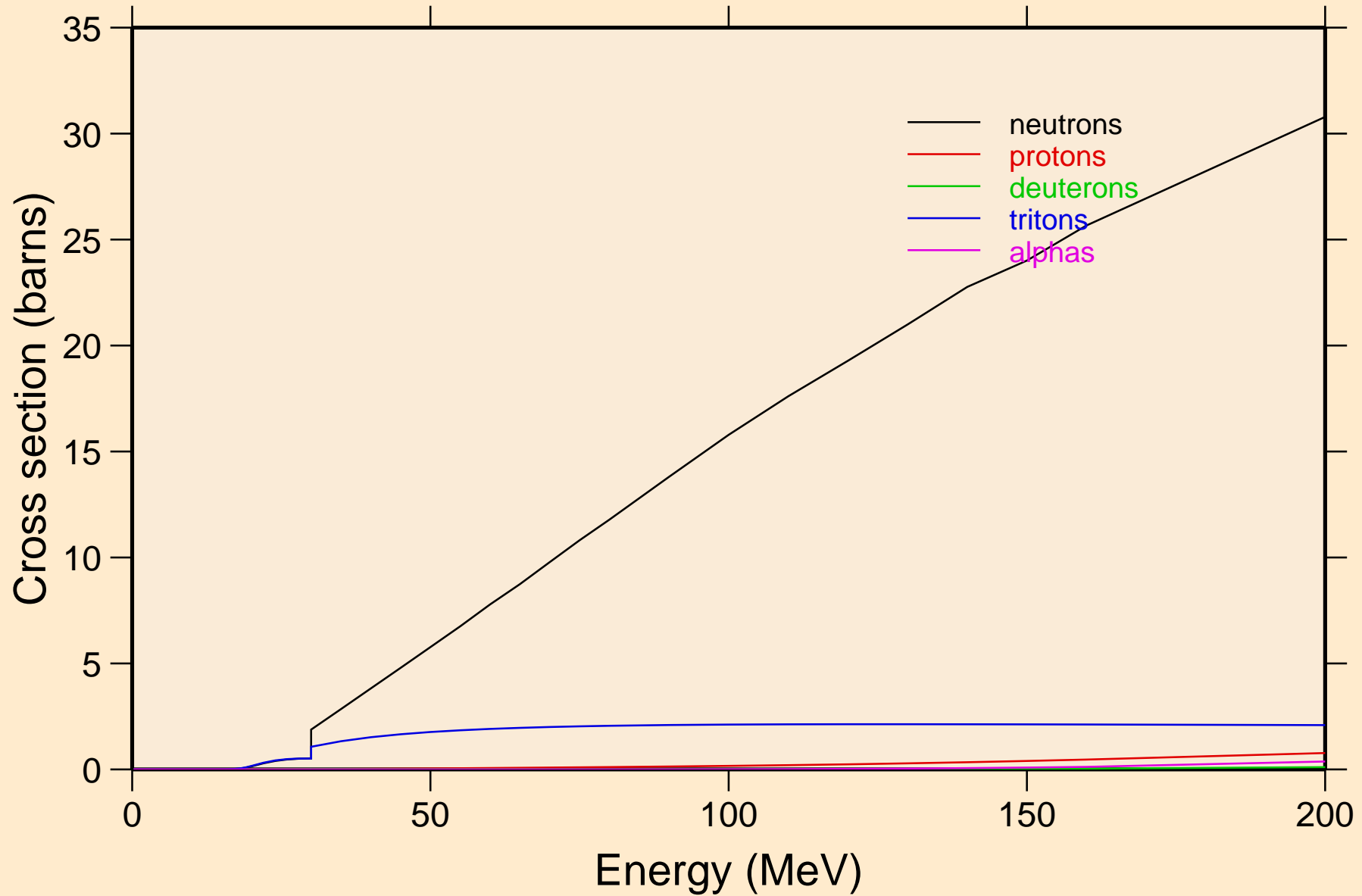
HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Particle heating contributions



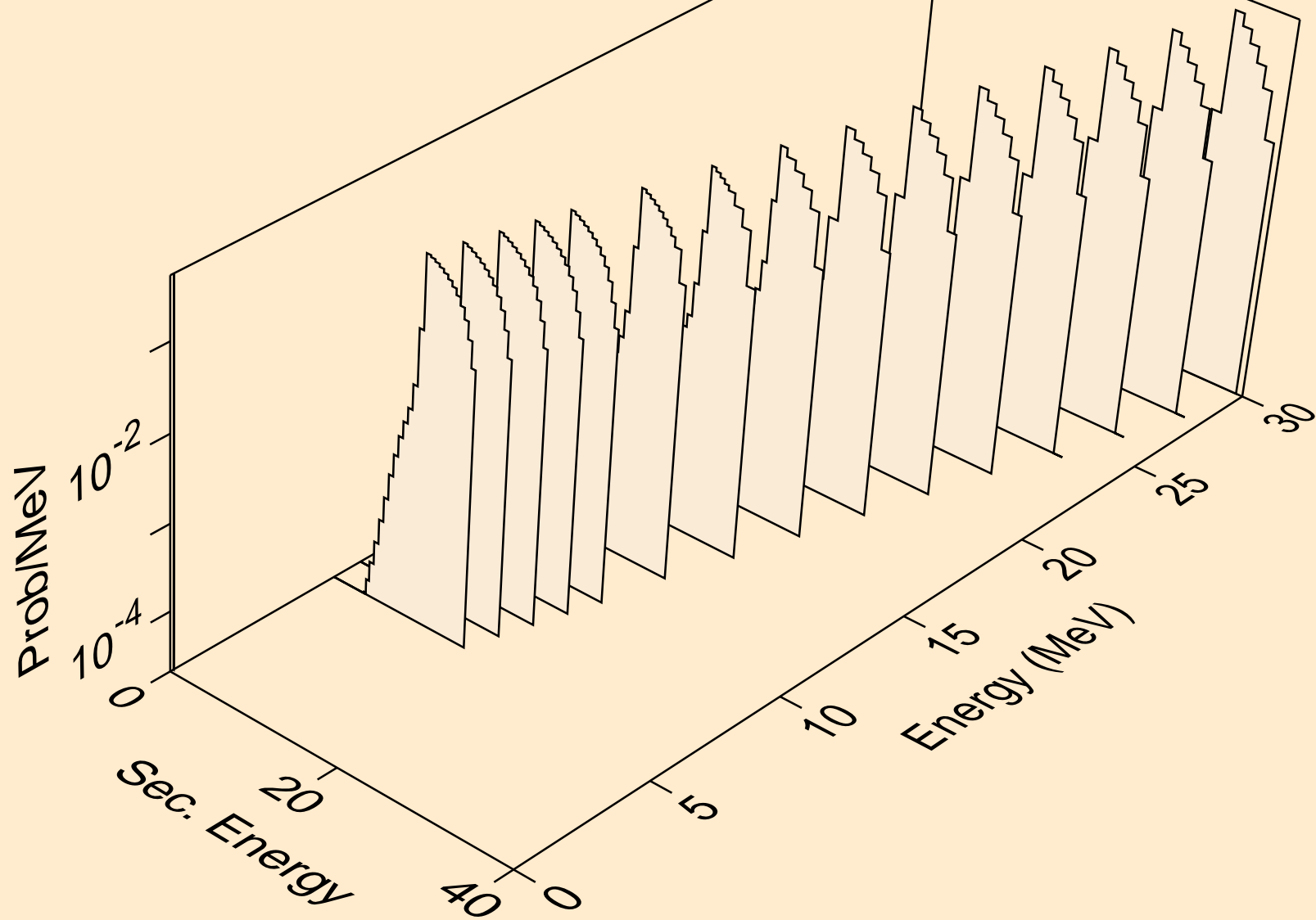
HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating



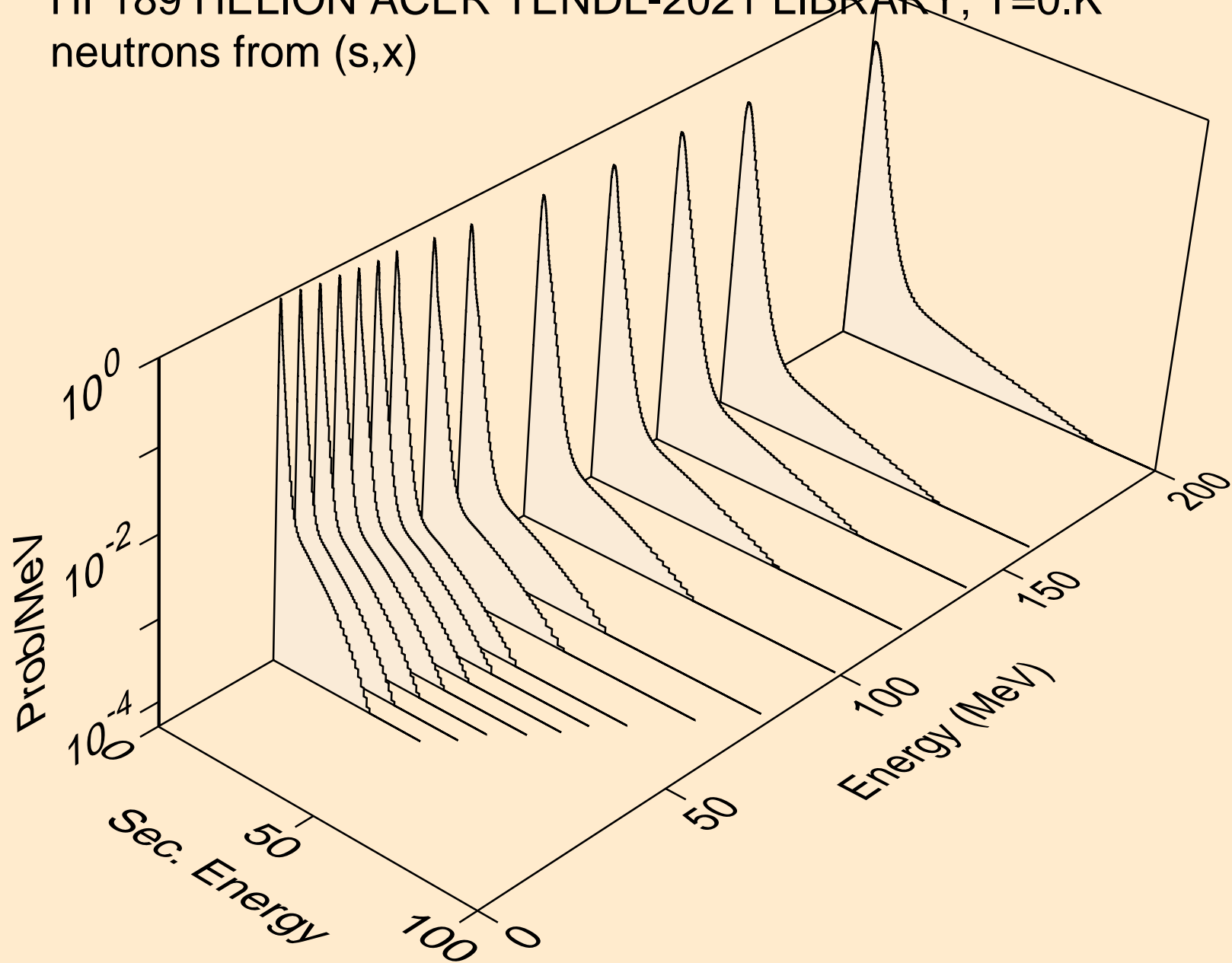
HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



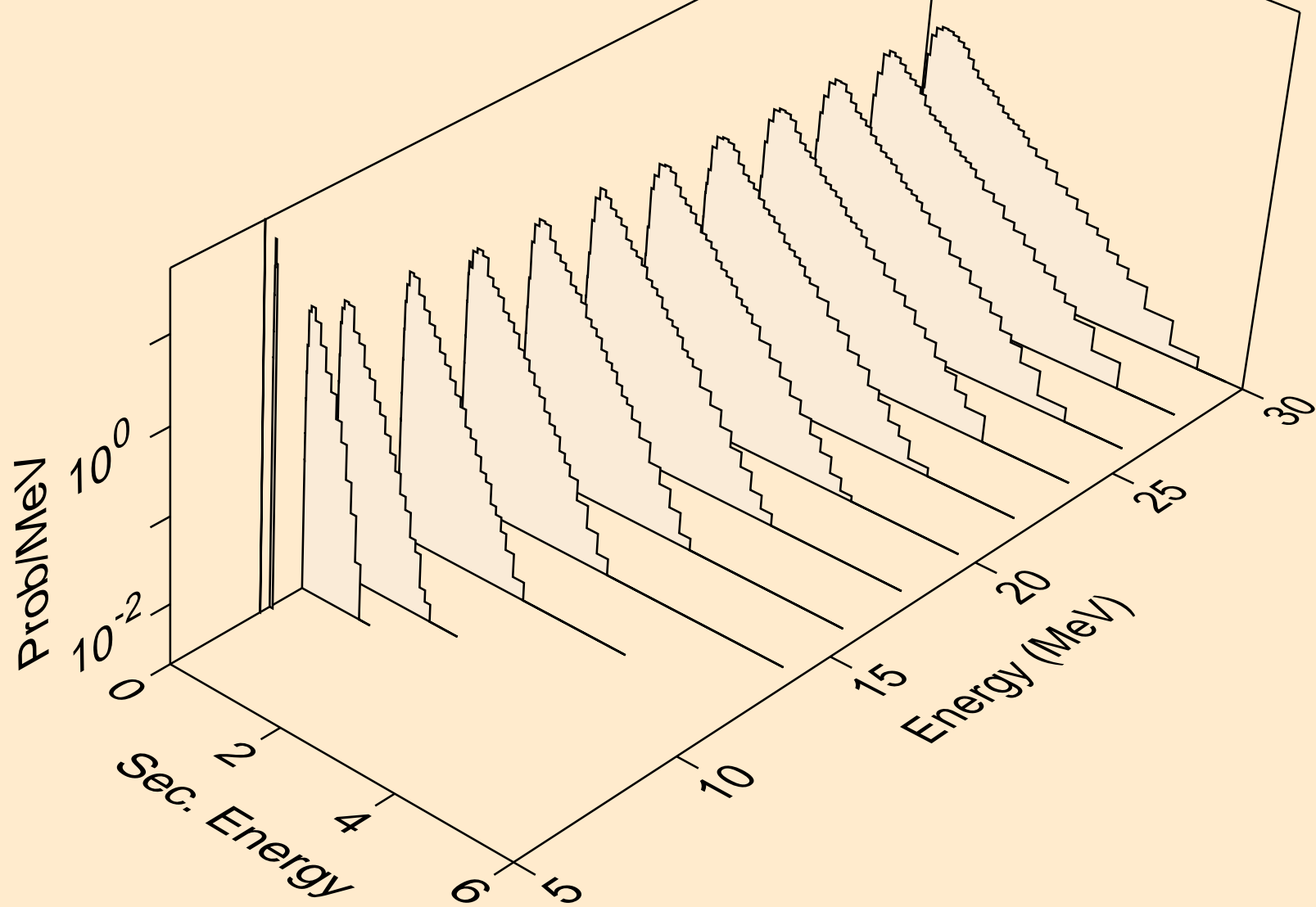
HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n)



HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,x)

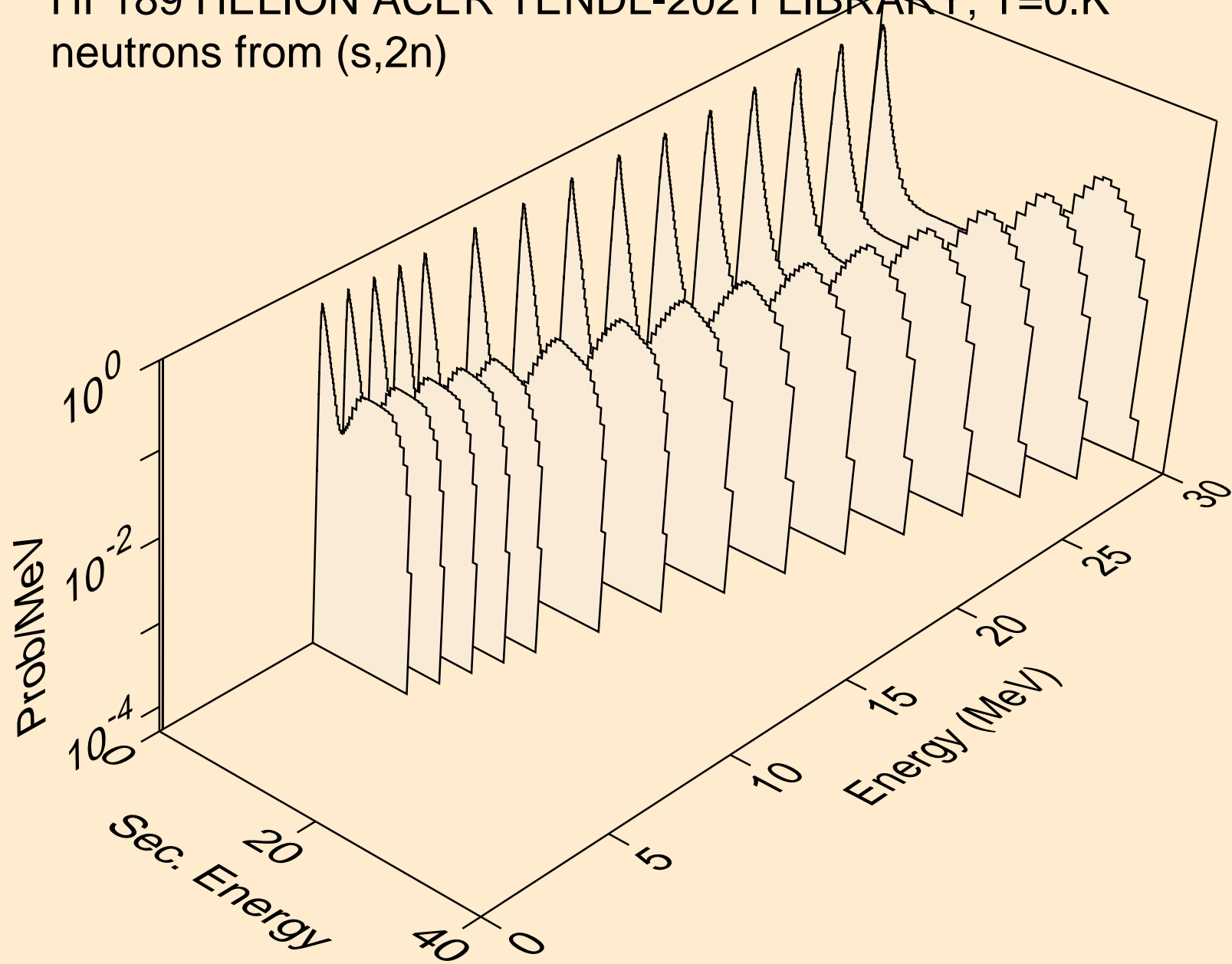


HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2nd)

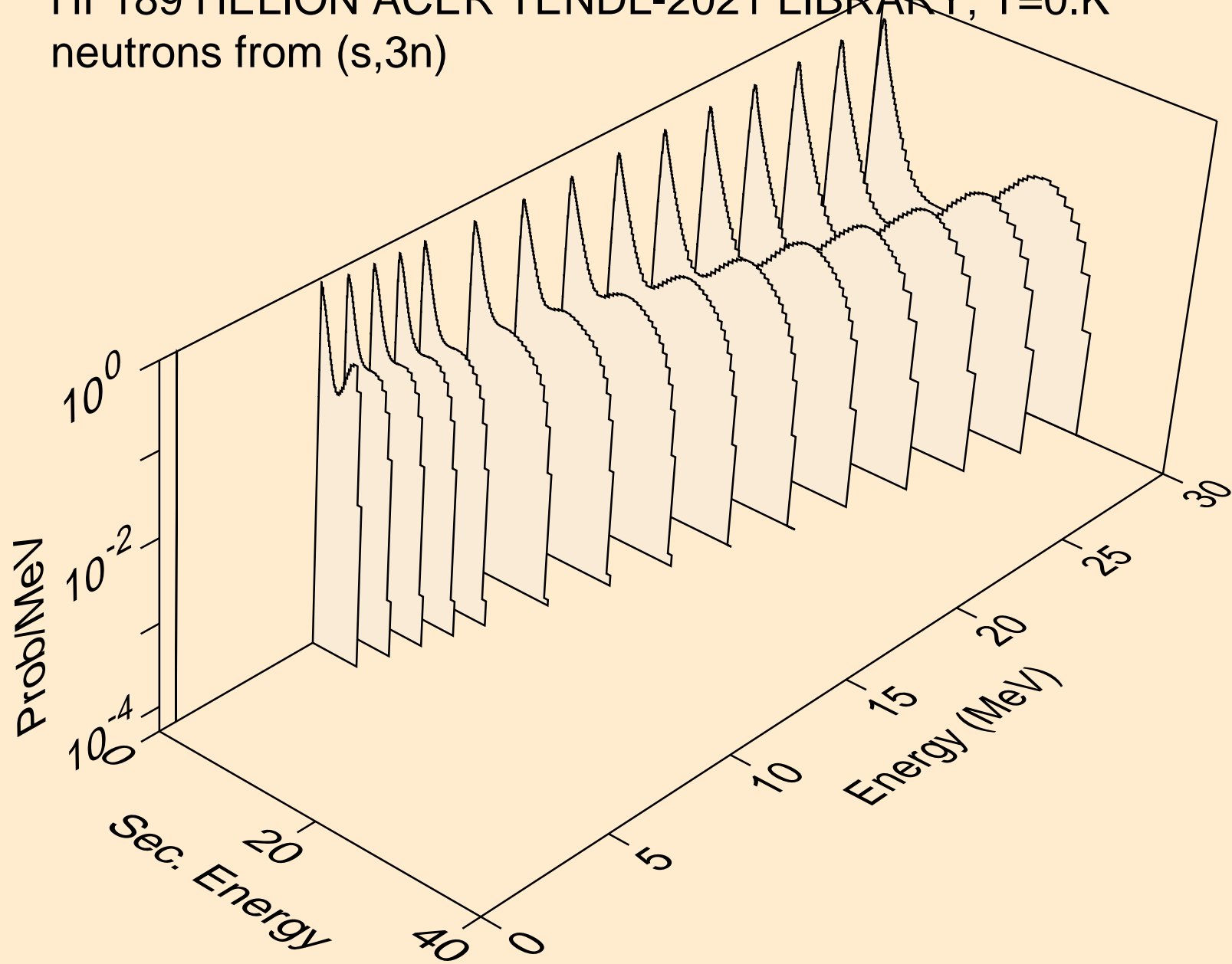




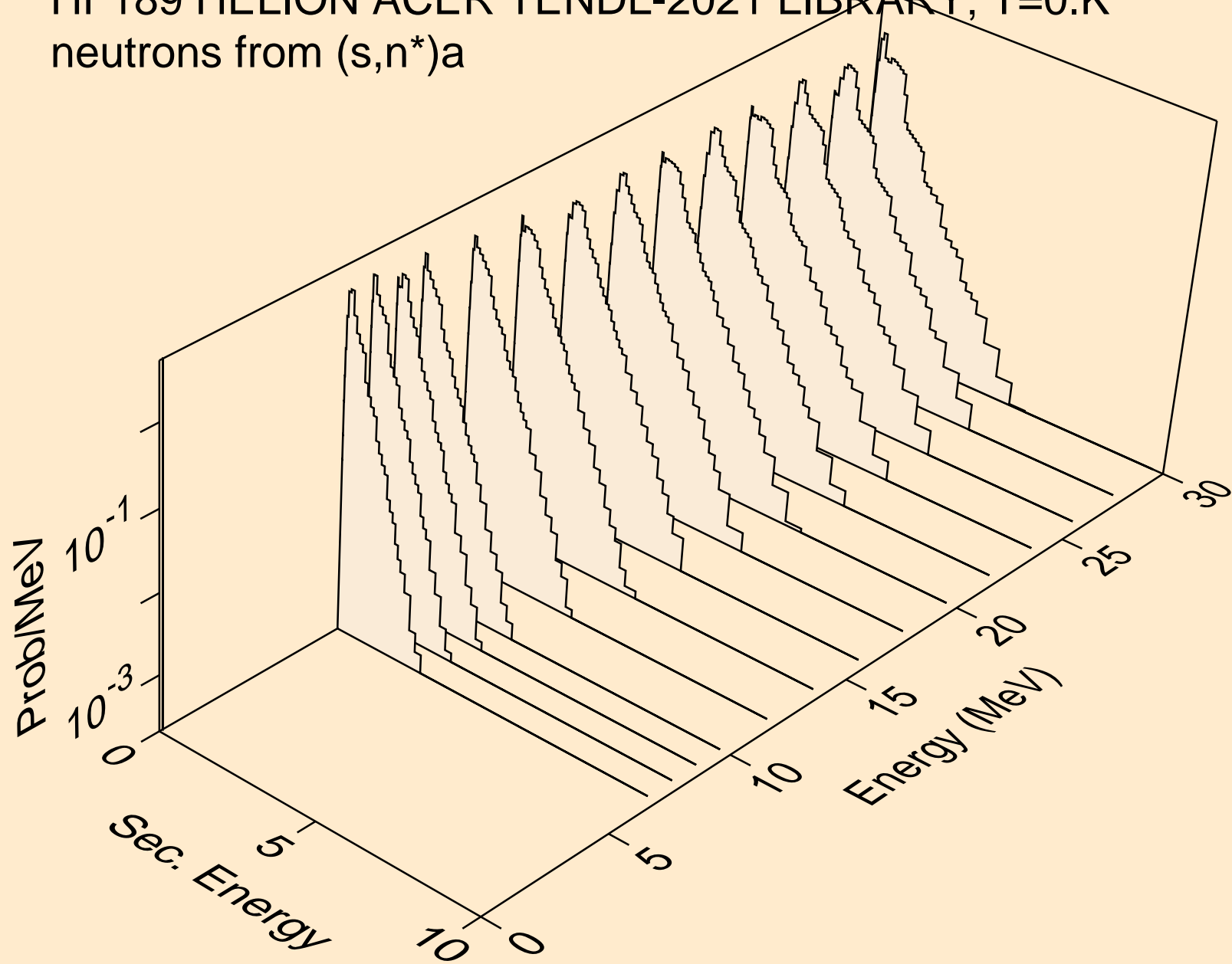
HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)



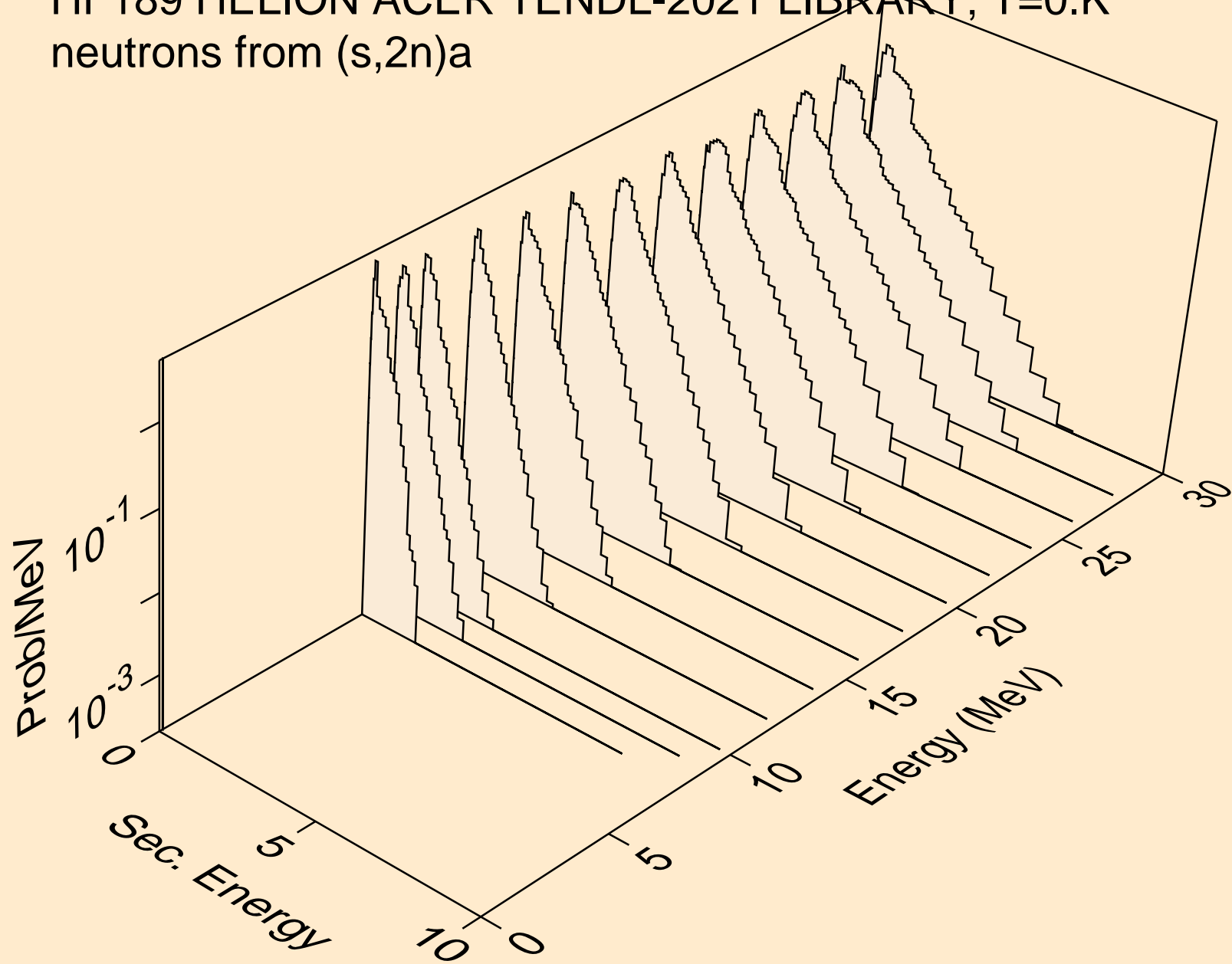
HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3n)



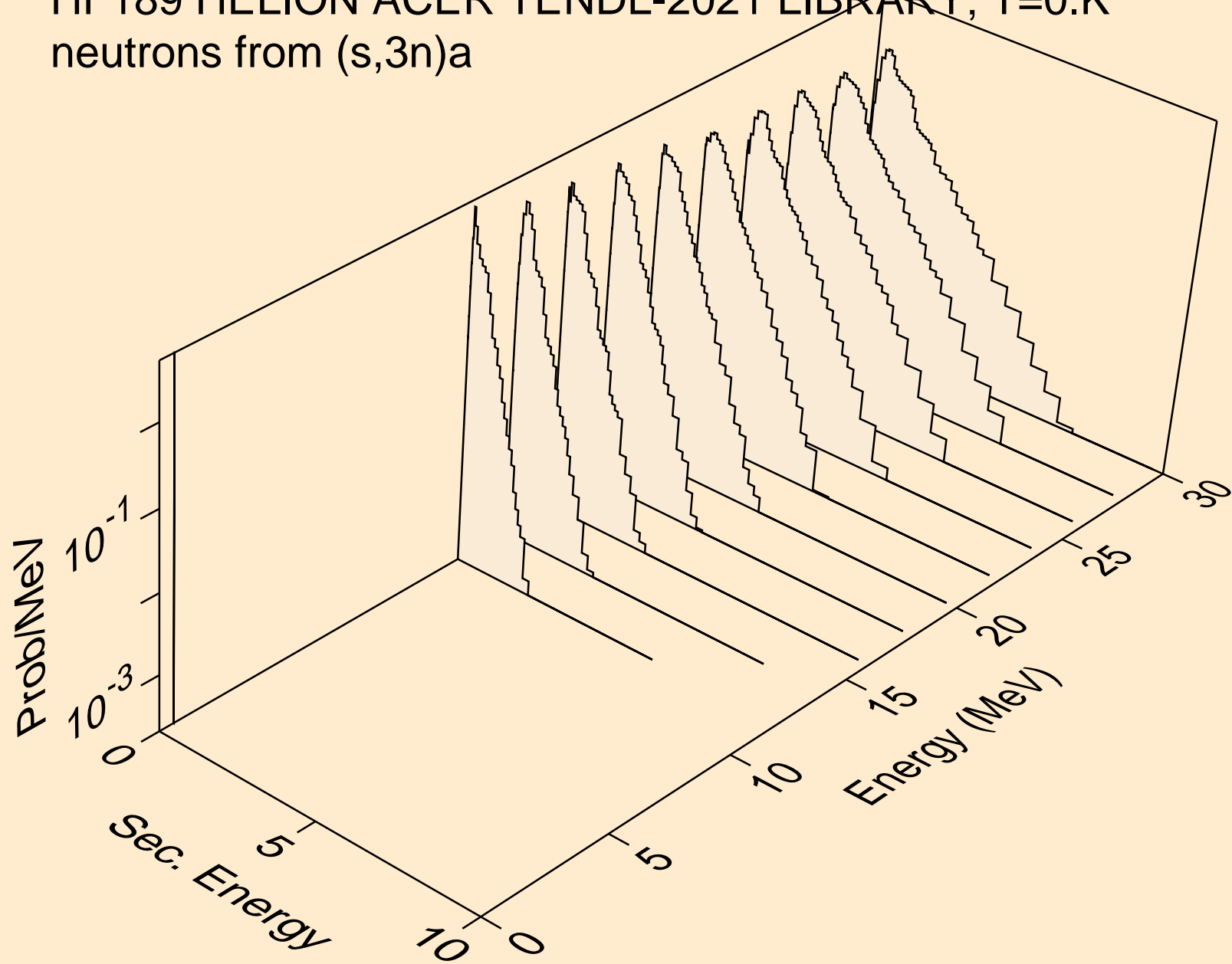
HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)a



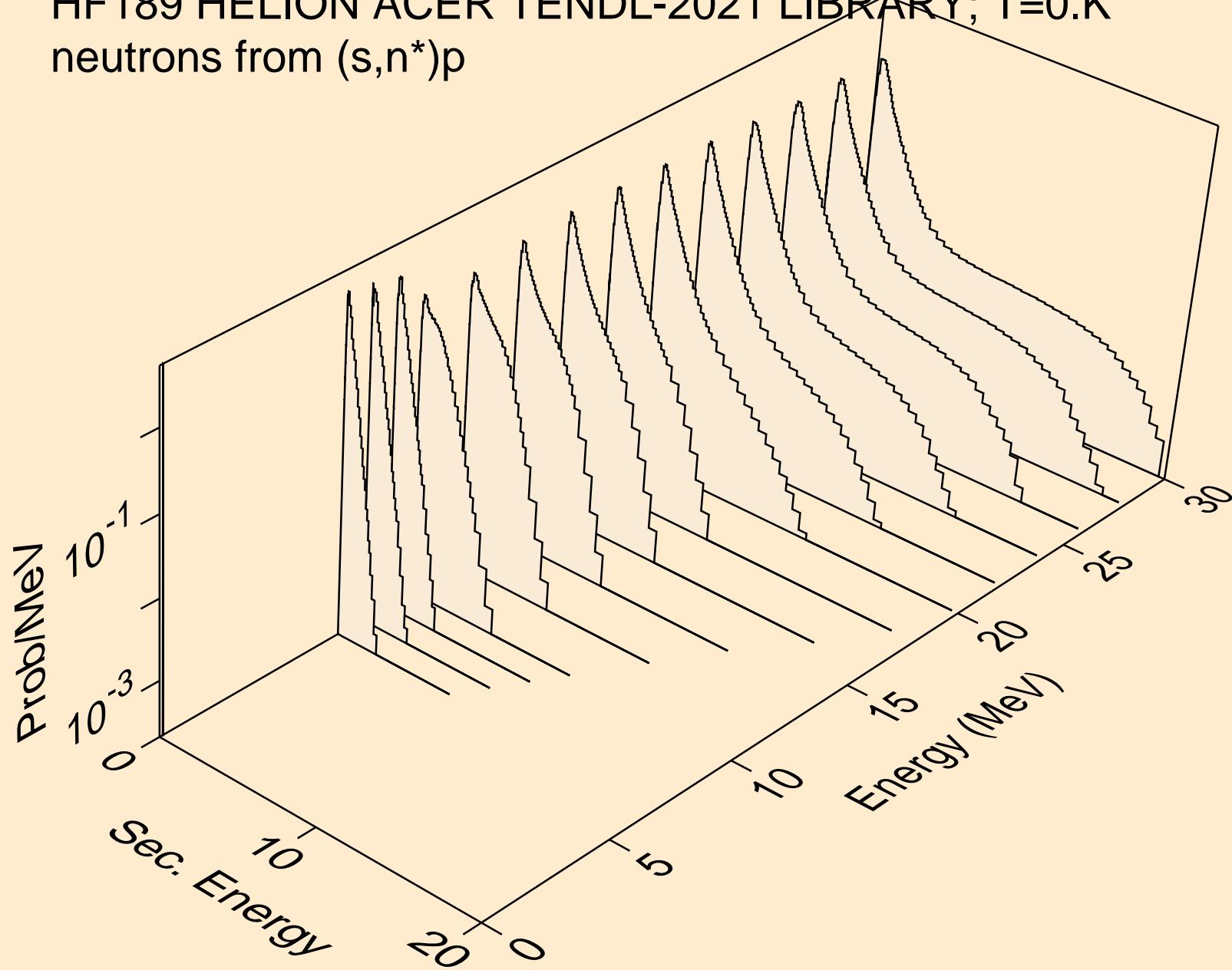
HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)a



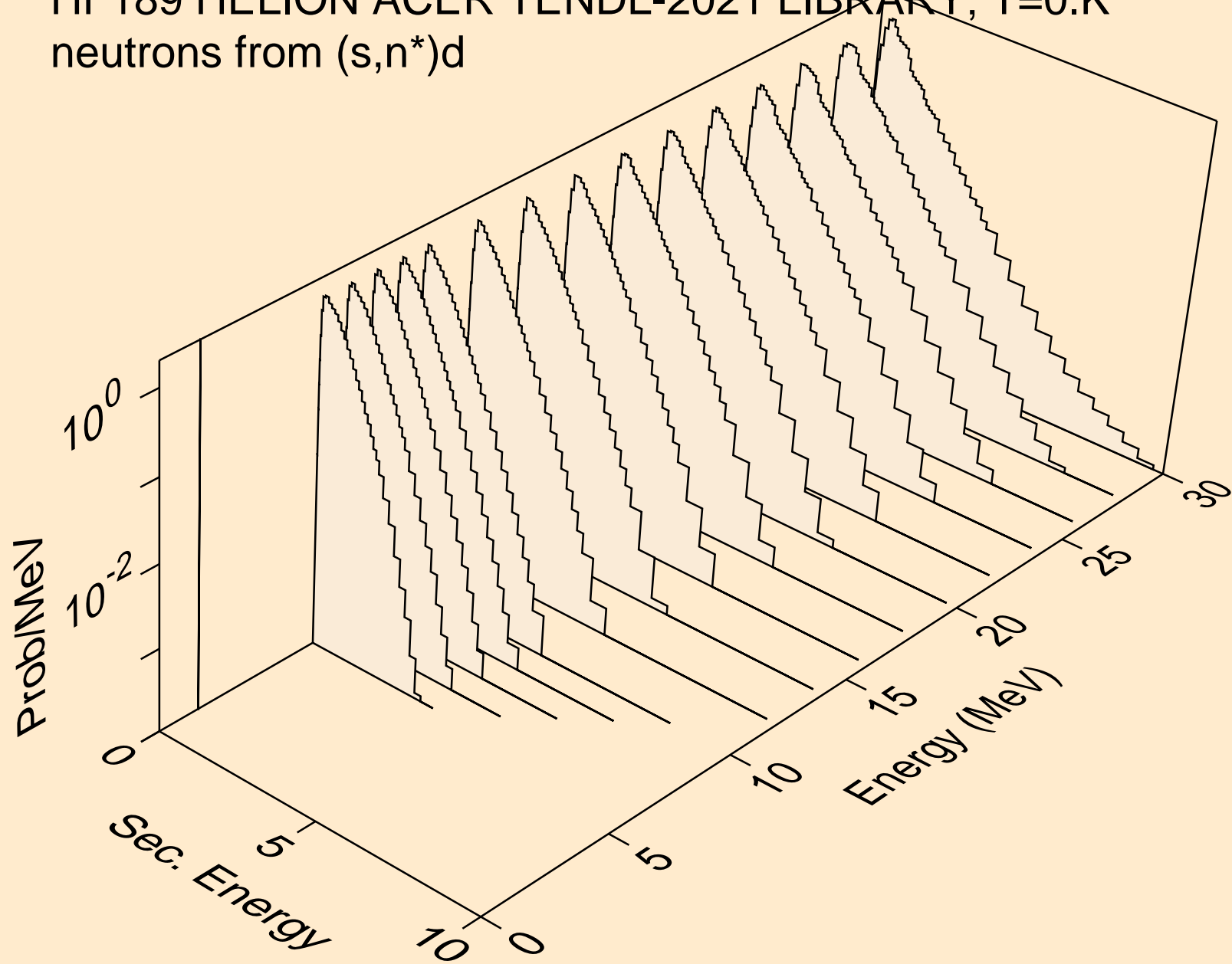
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neutrons from (s,3n)a



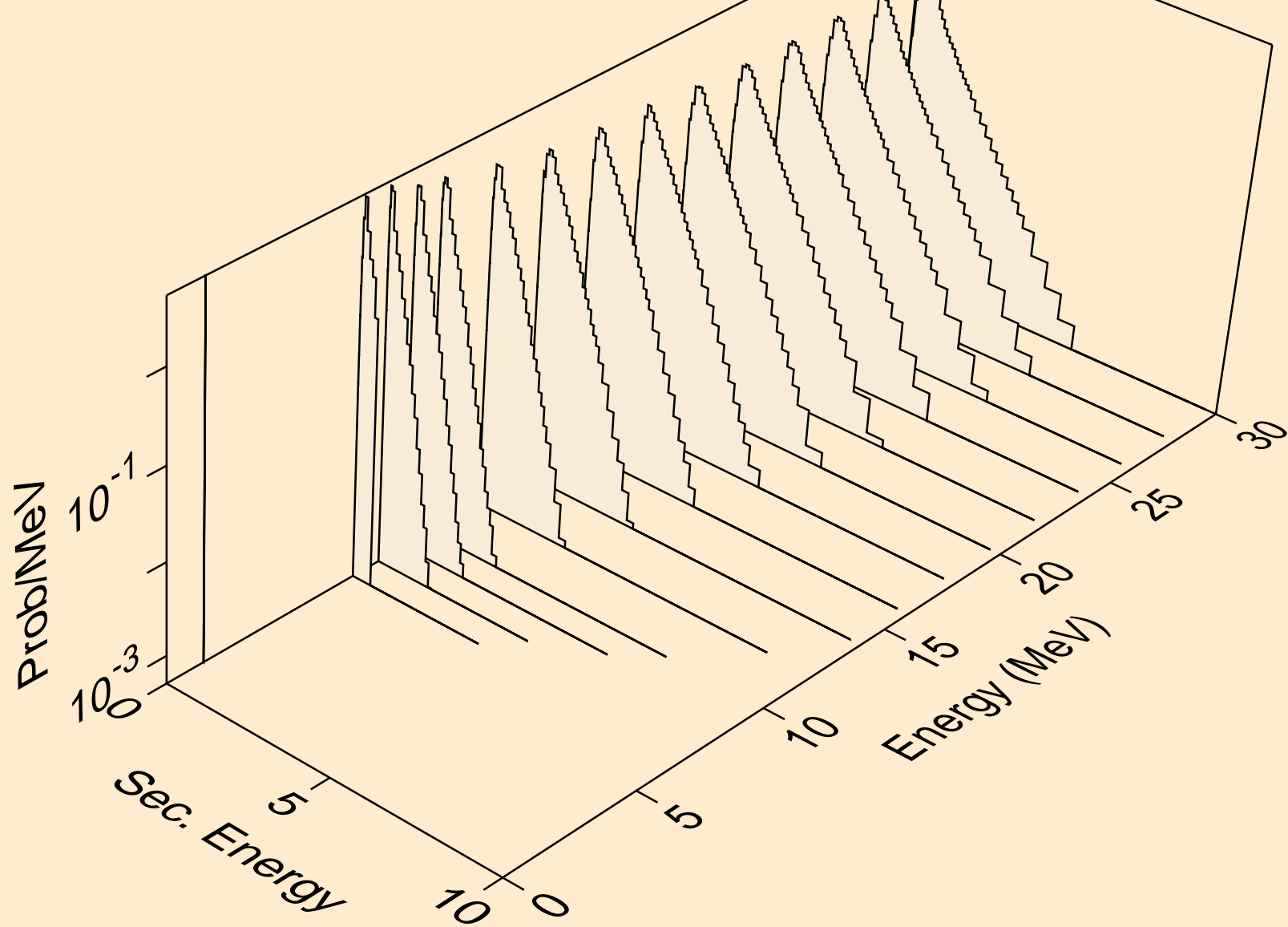
HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)p



HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)d

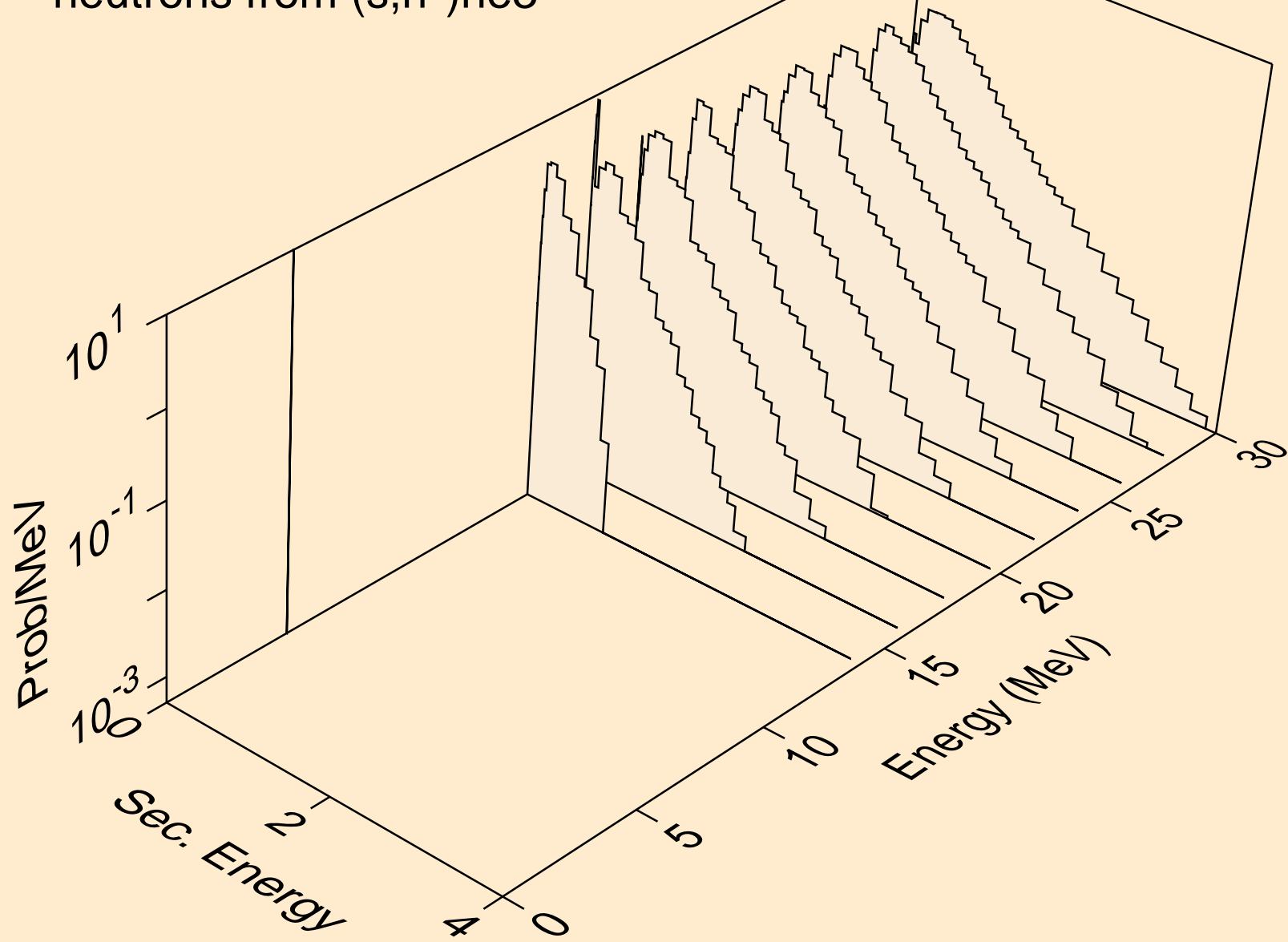


HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)t

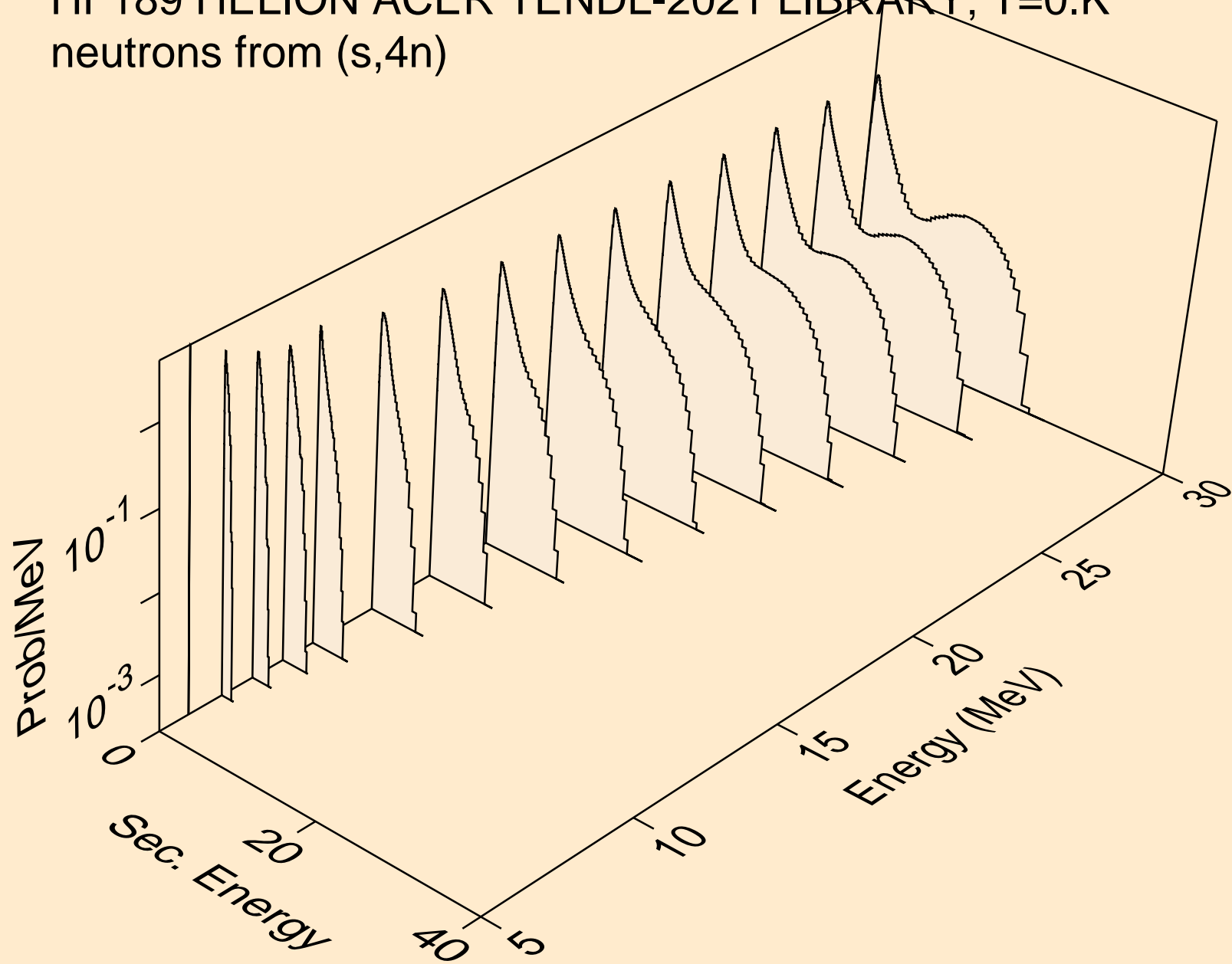




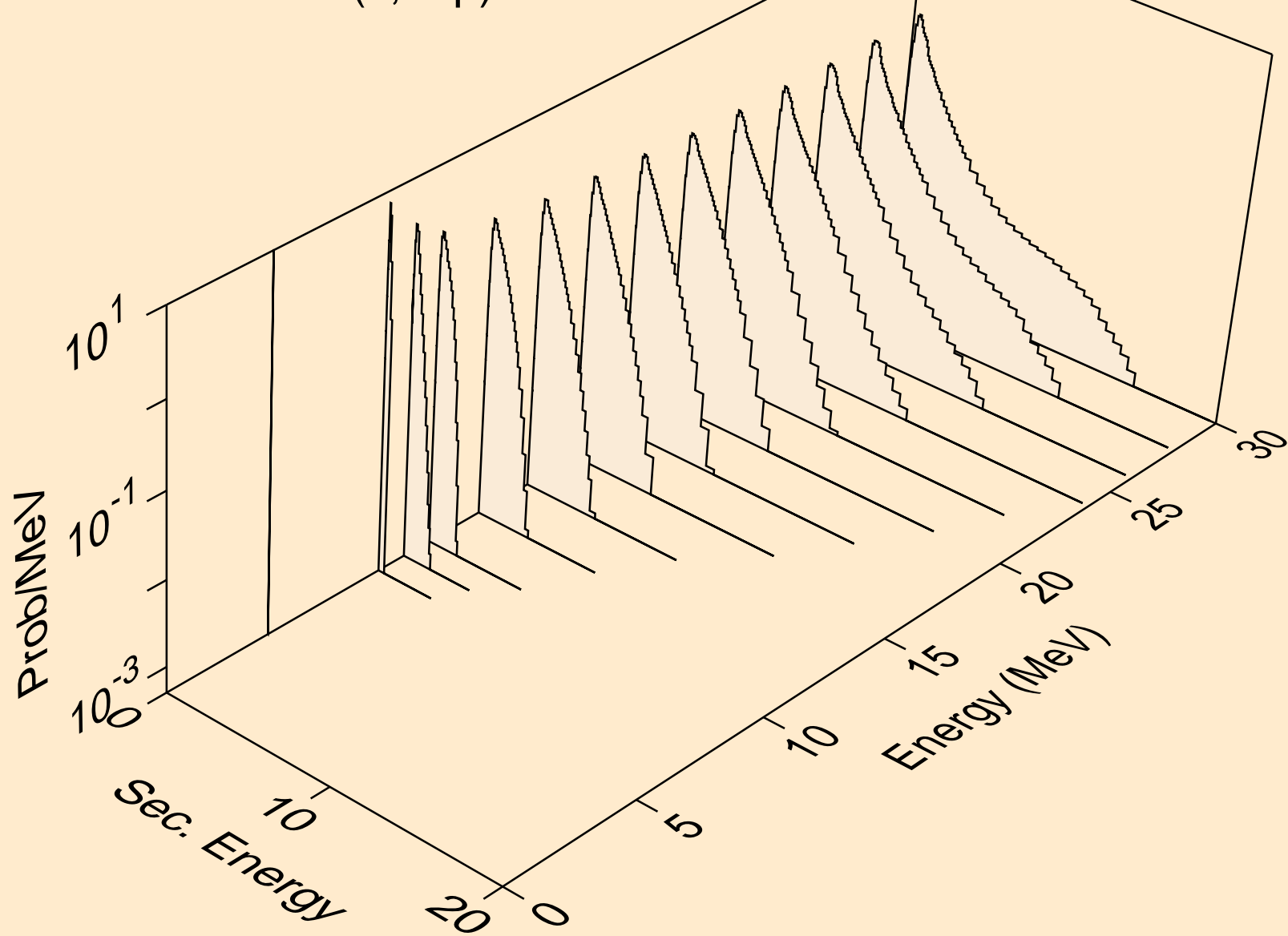
HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



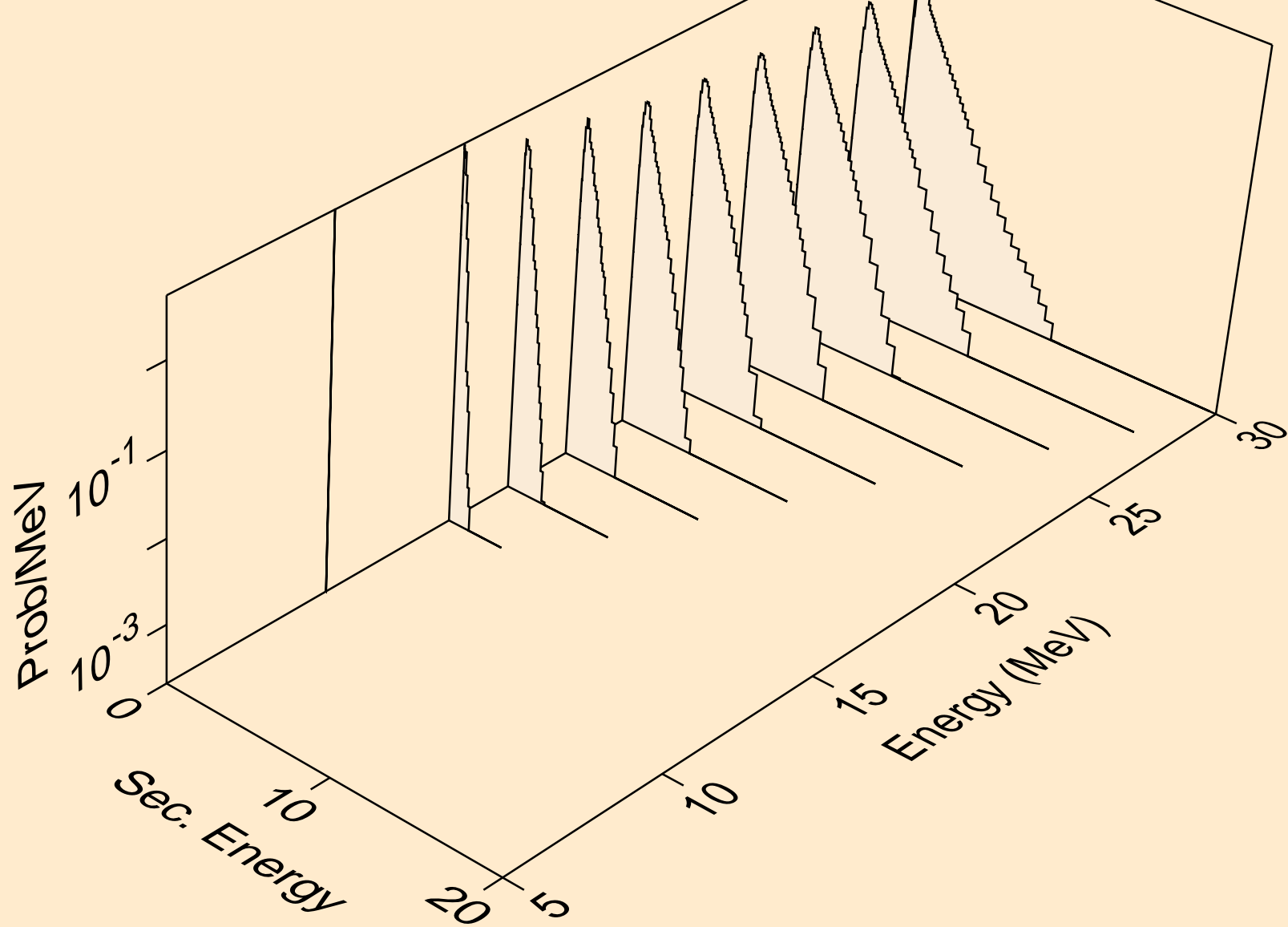
HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,4n)



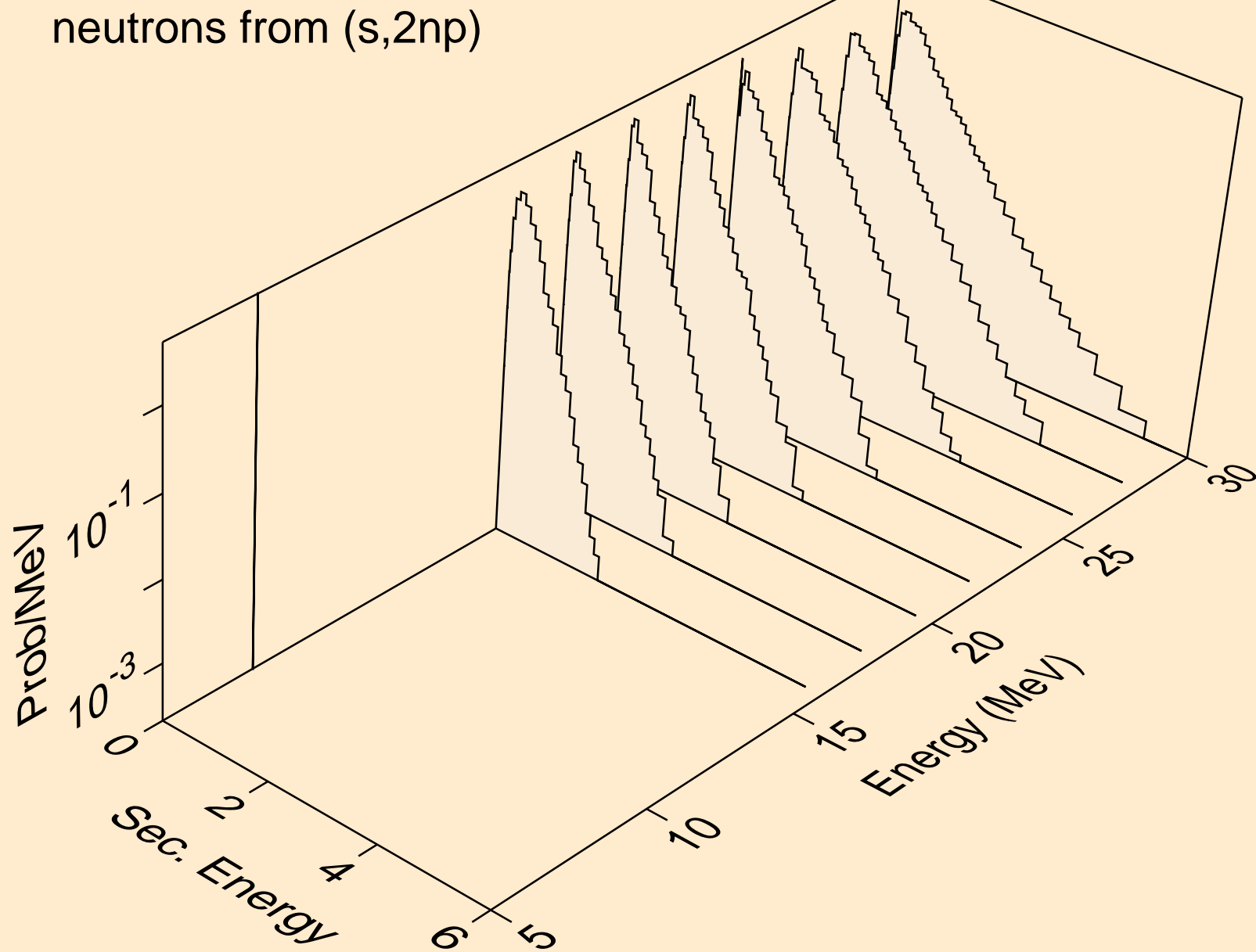
HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2np)



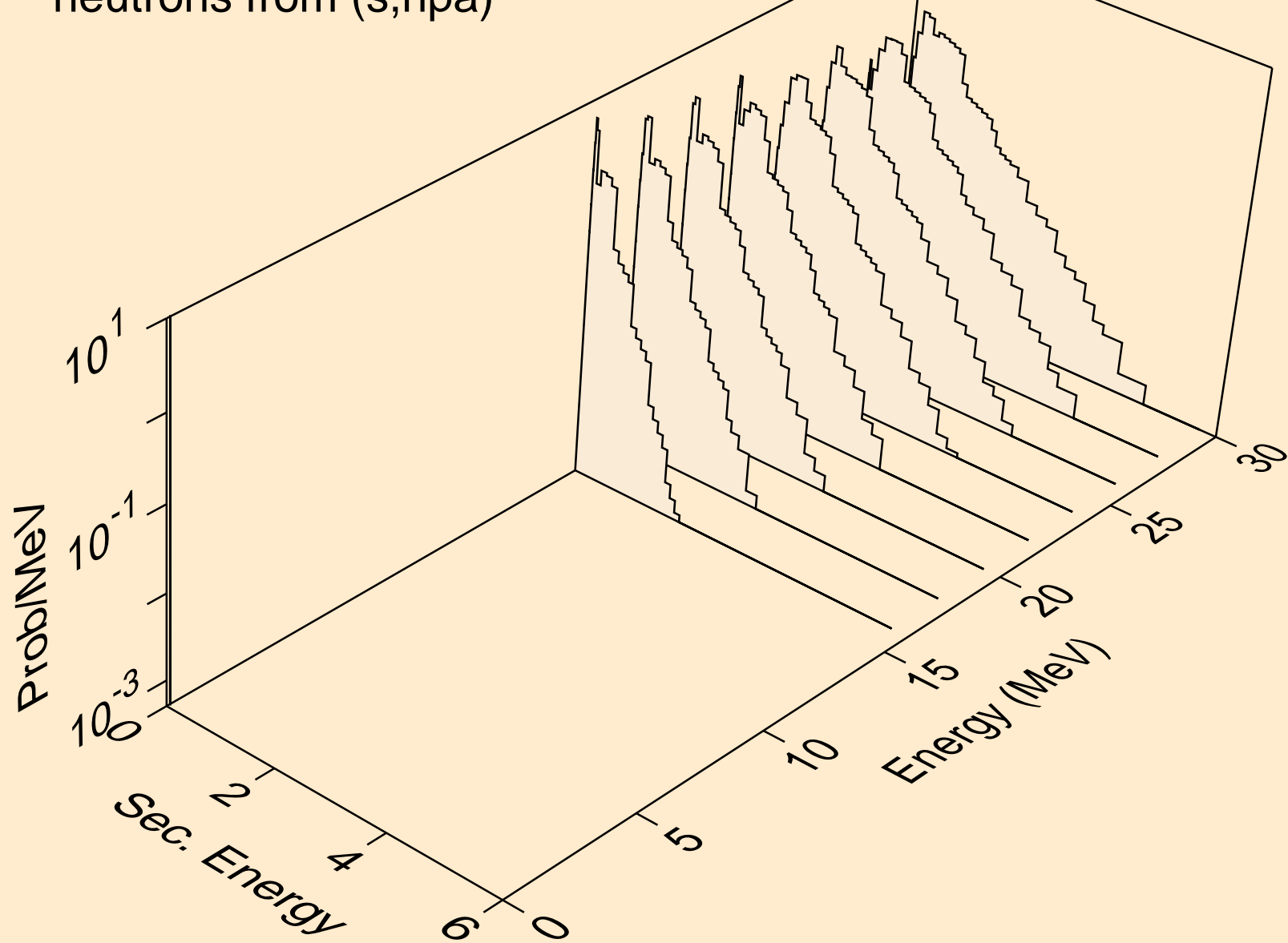
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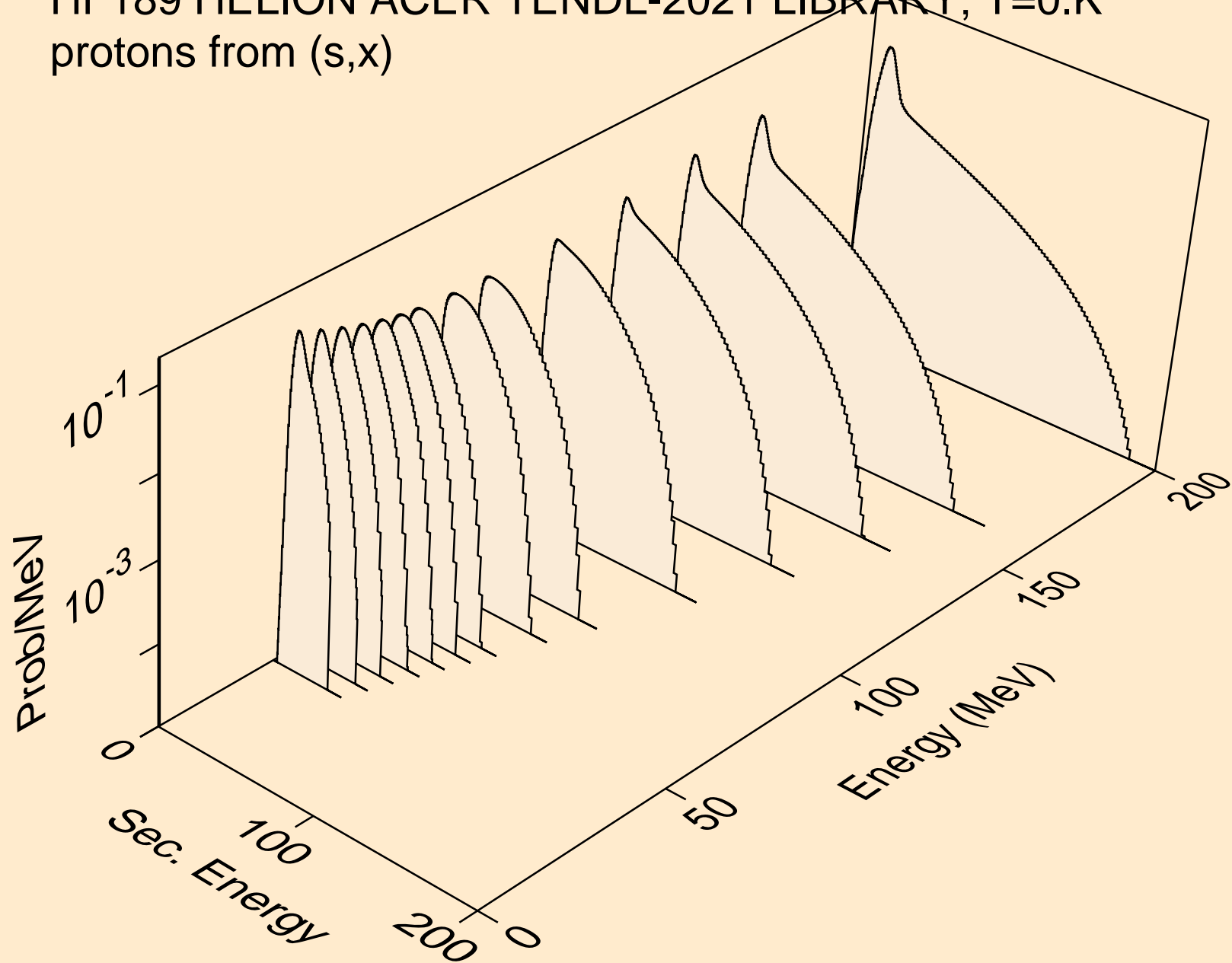
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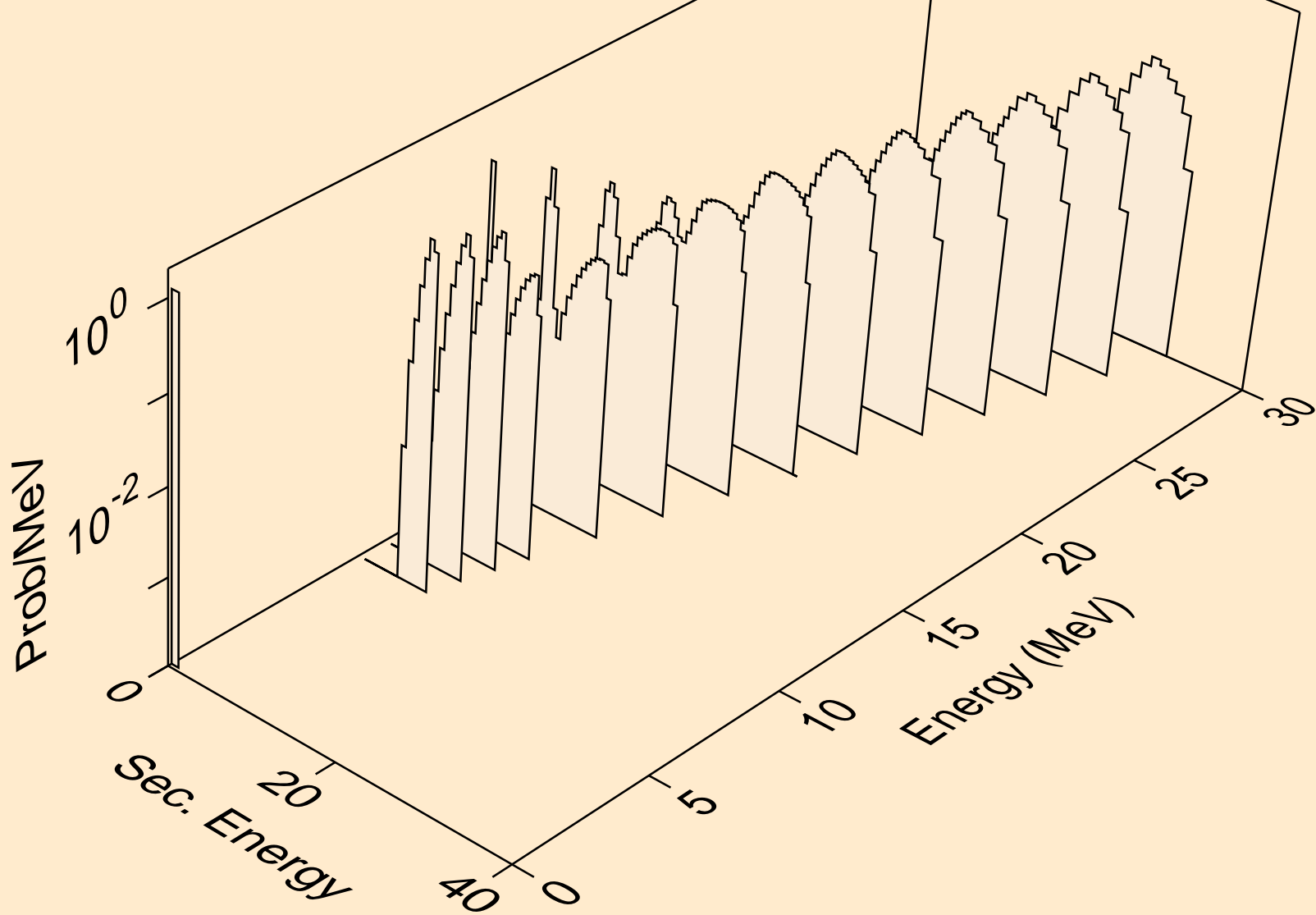
HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,npa)



HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
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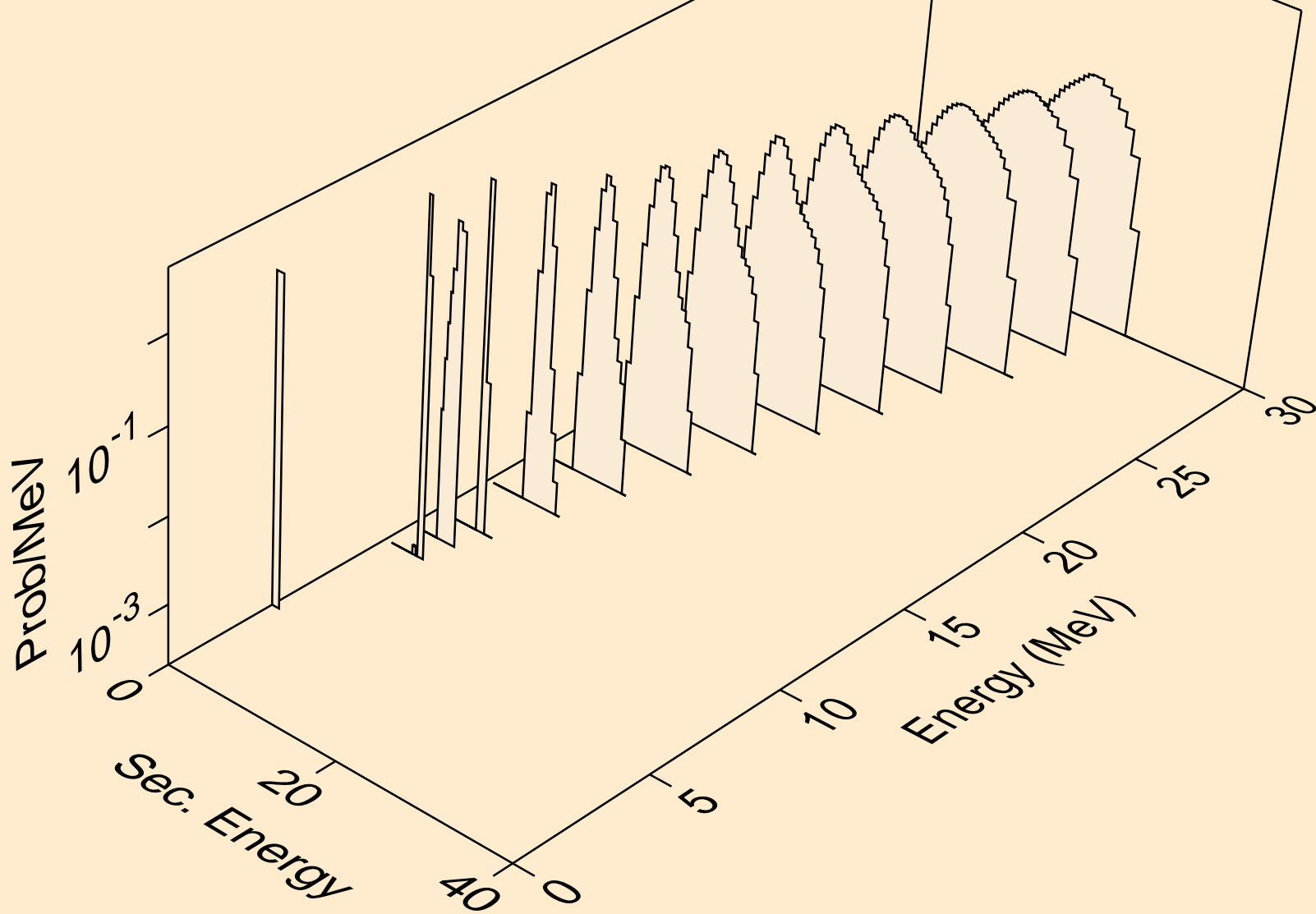


HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
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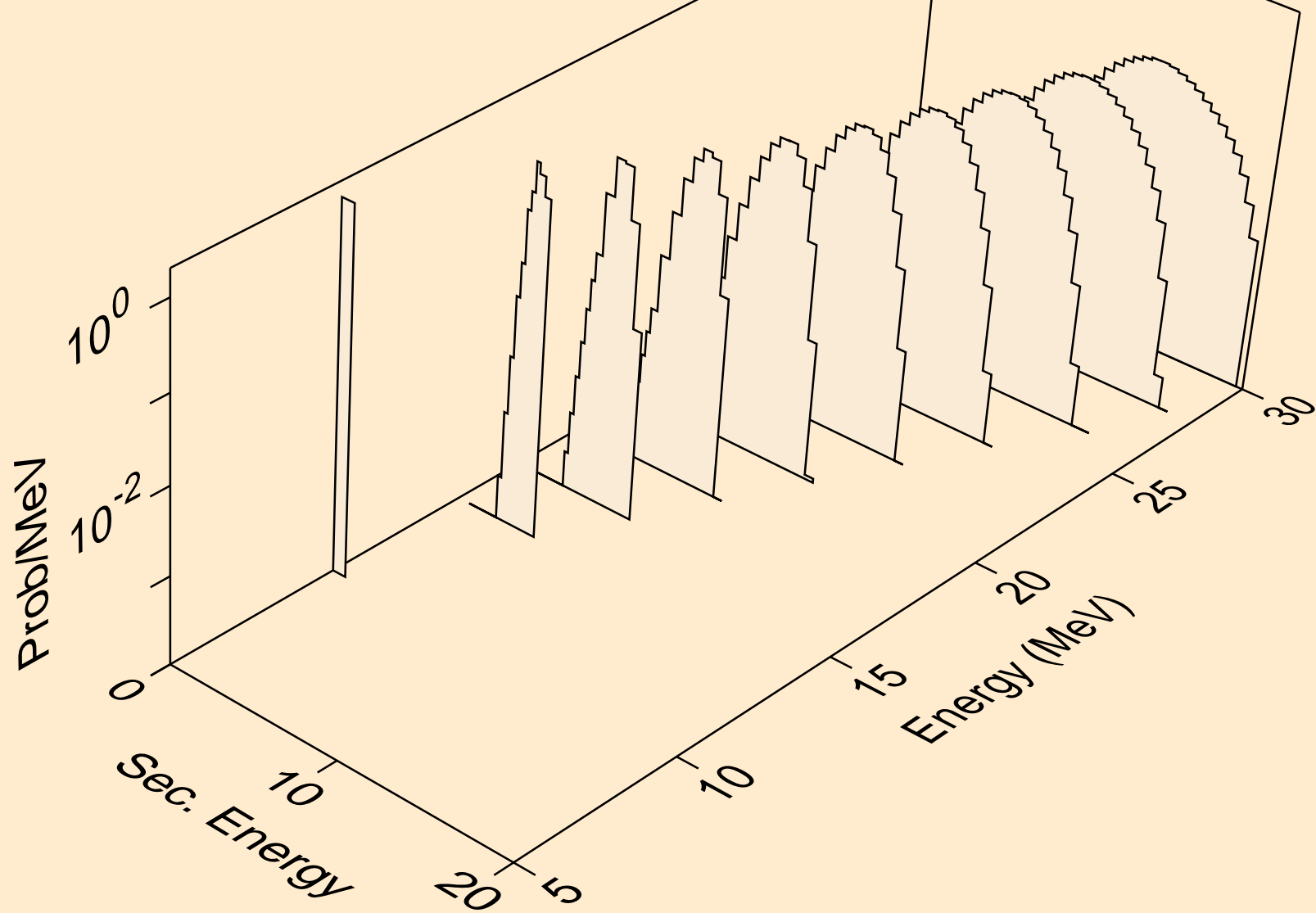




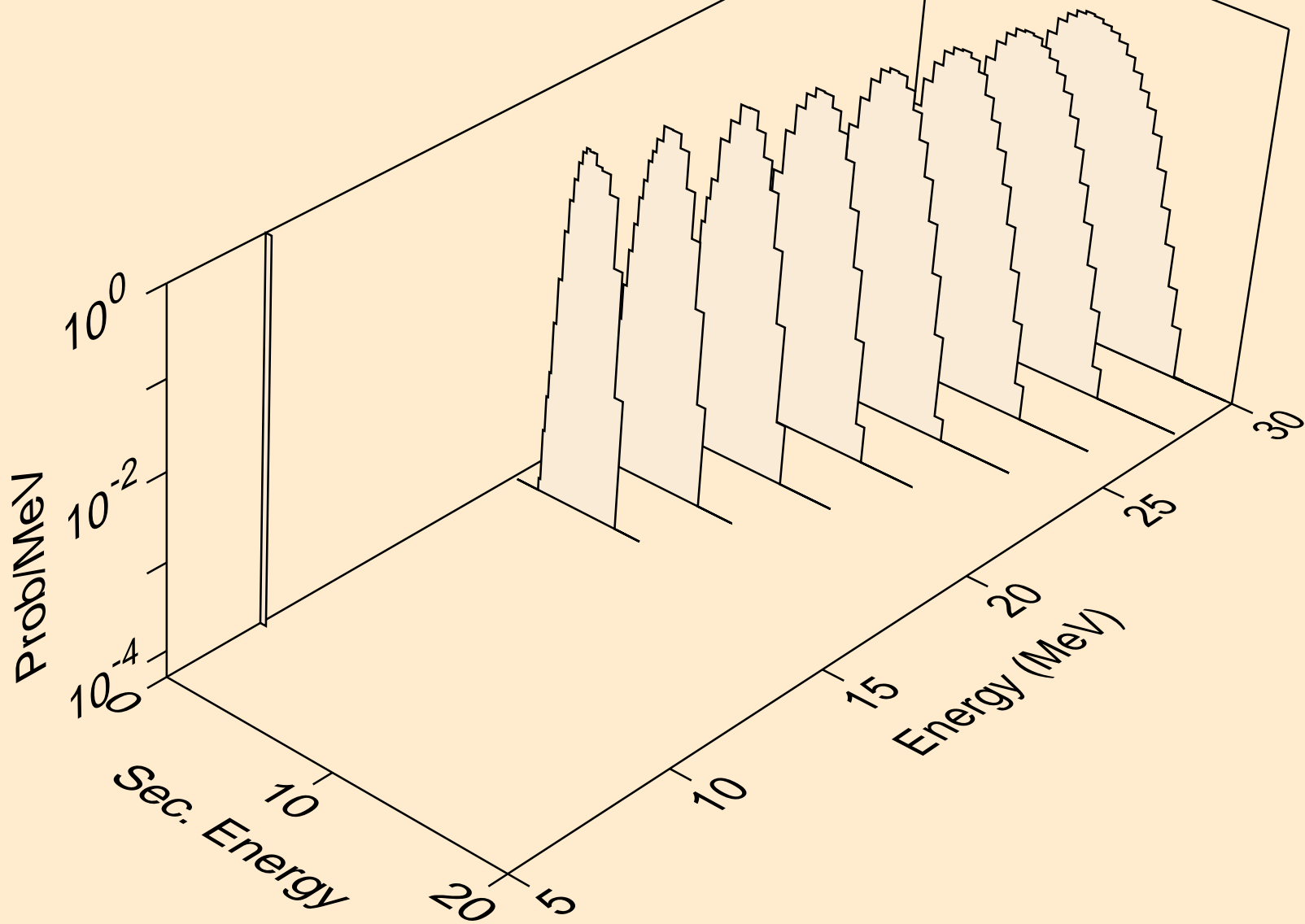
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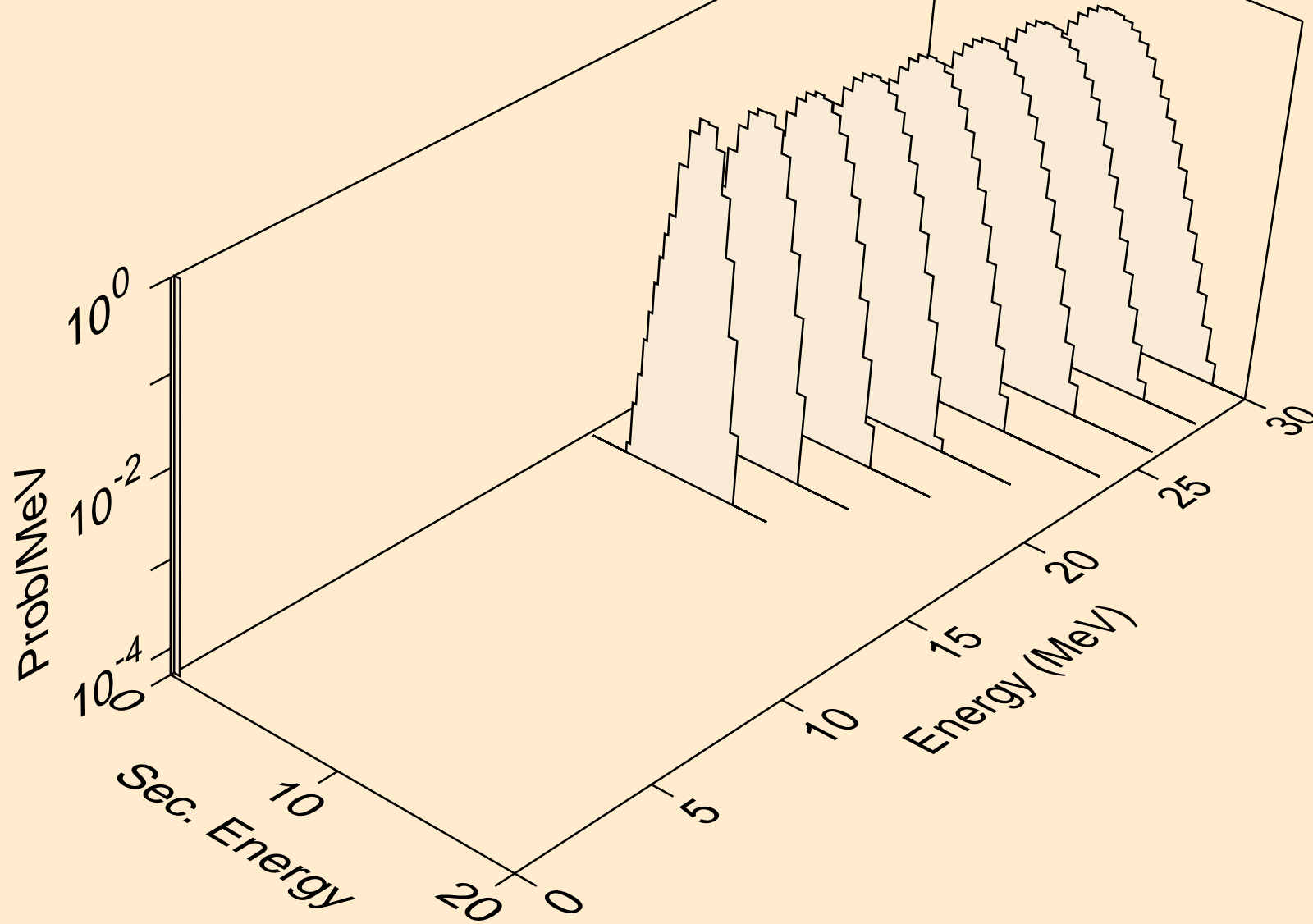
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protons from (s,3np)



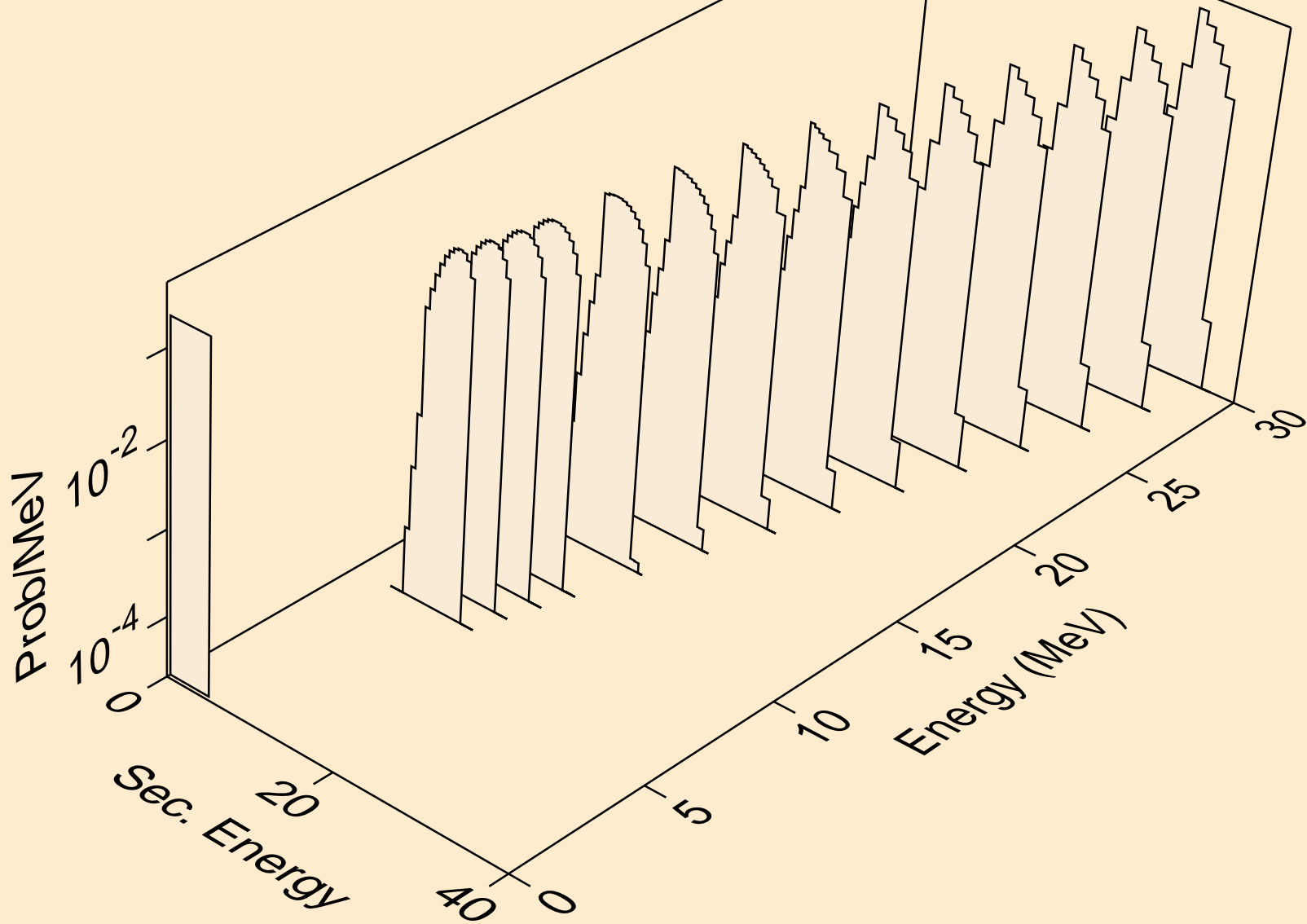
HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2np)



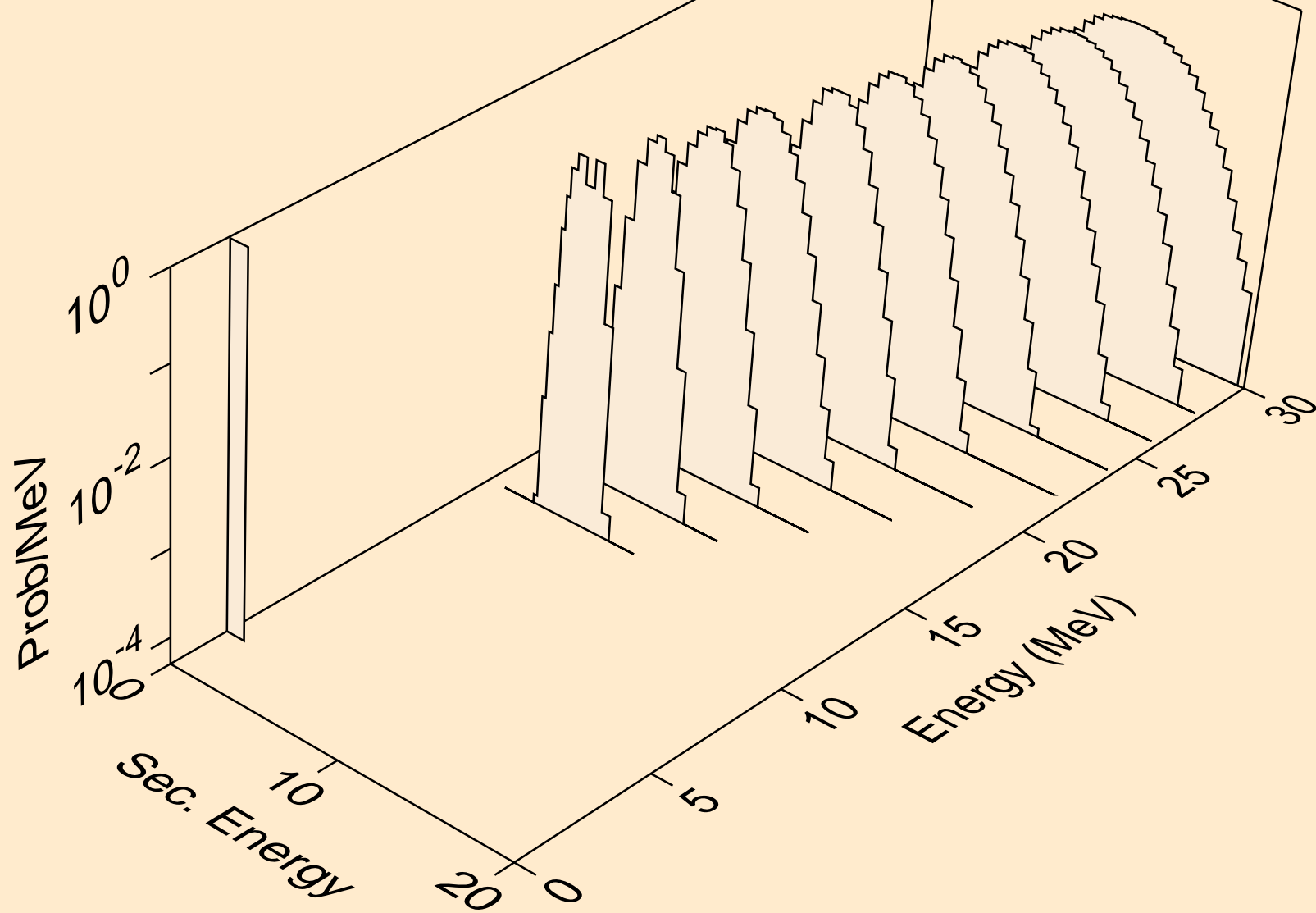
HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,npa)



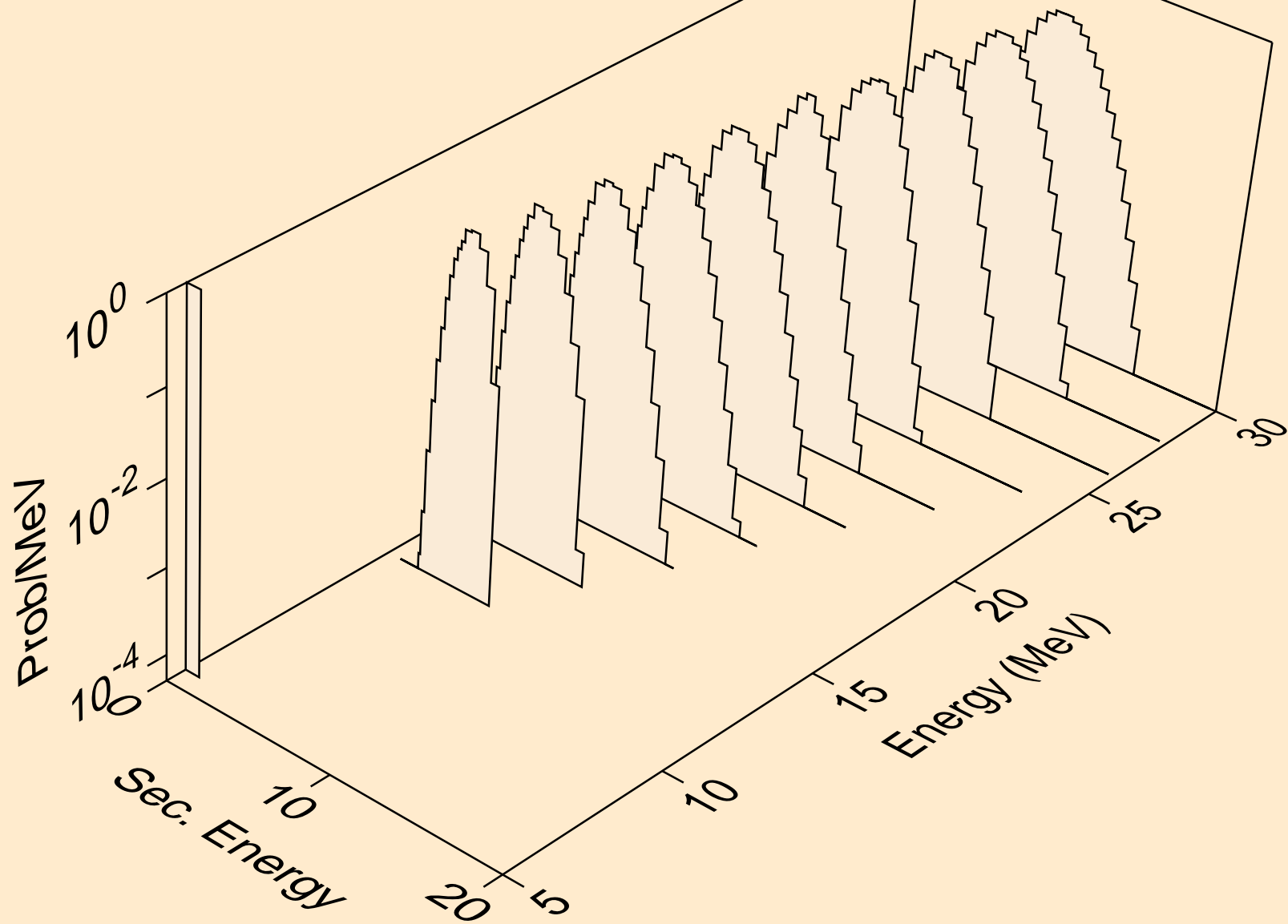
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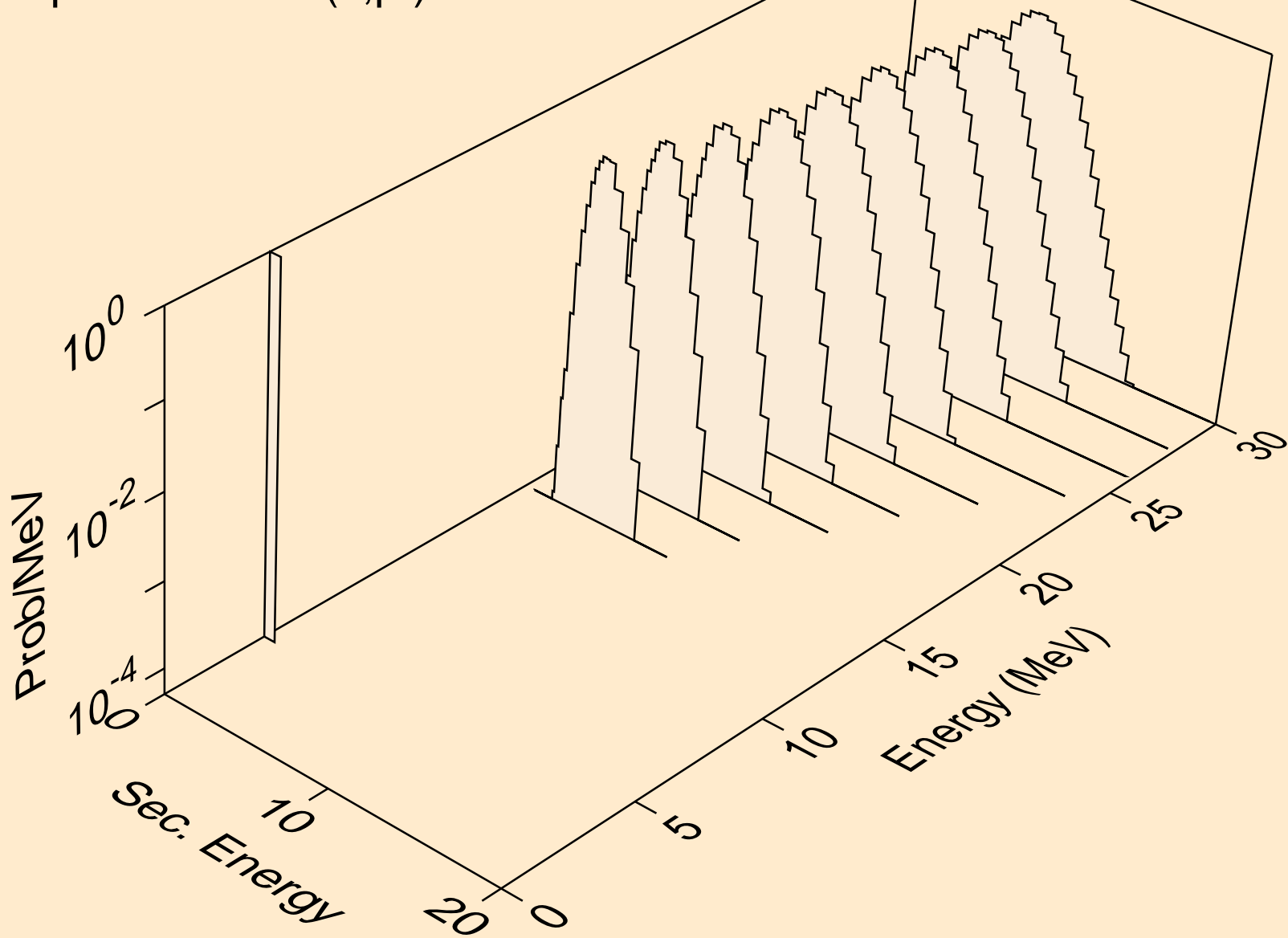
HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2p)



HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pd)

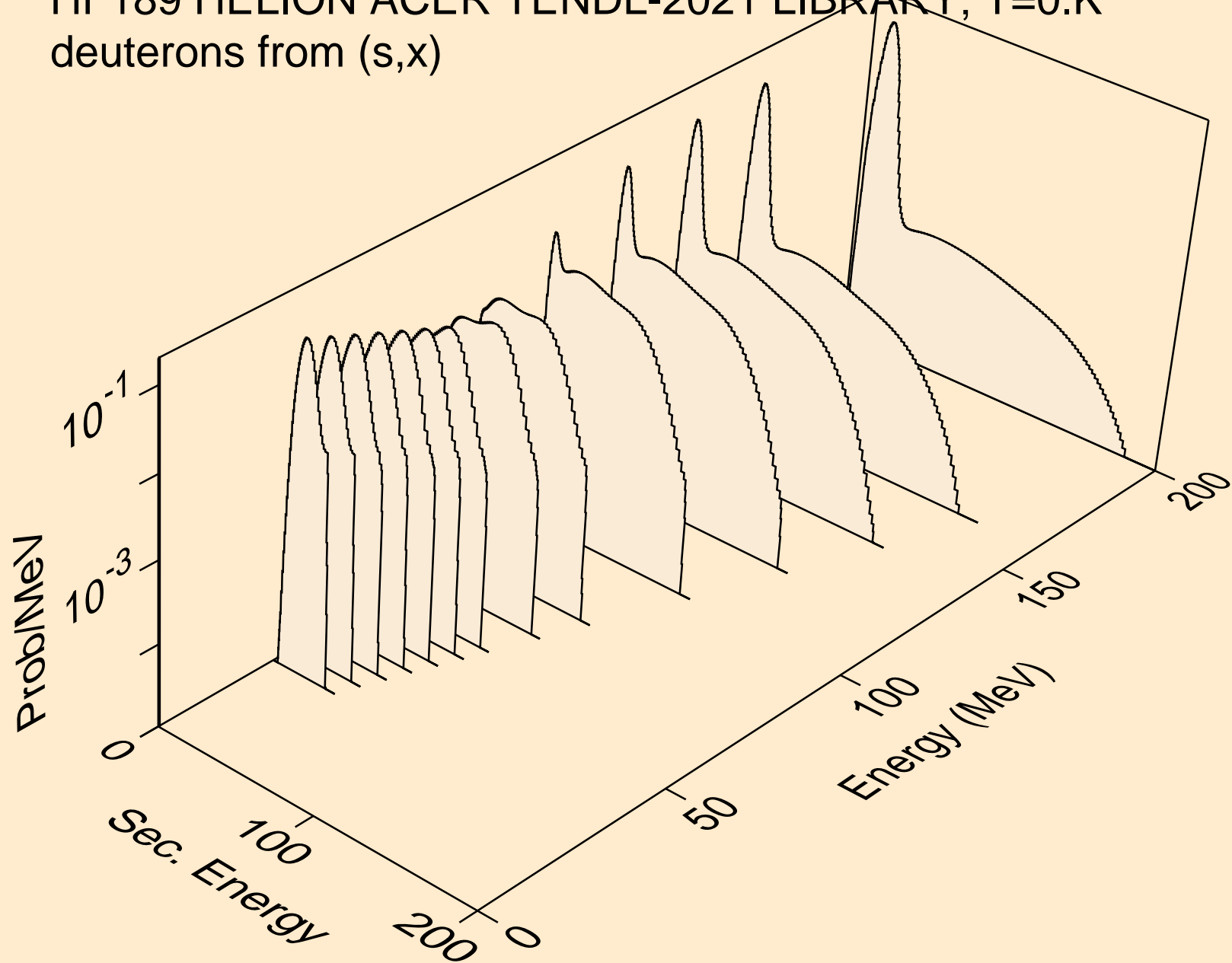


HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pt)

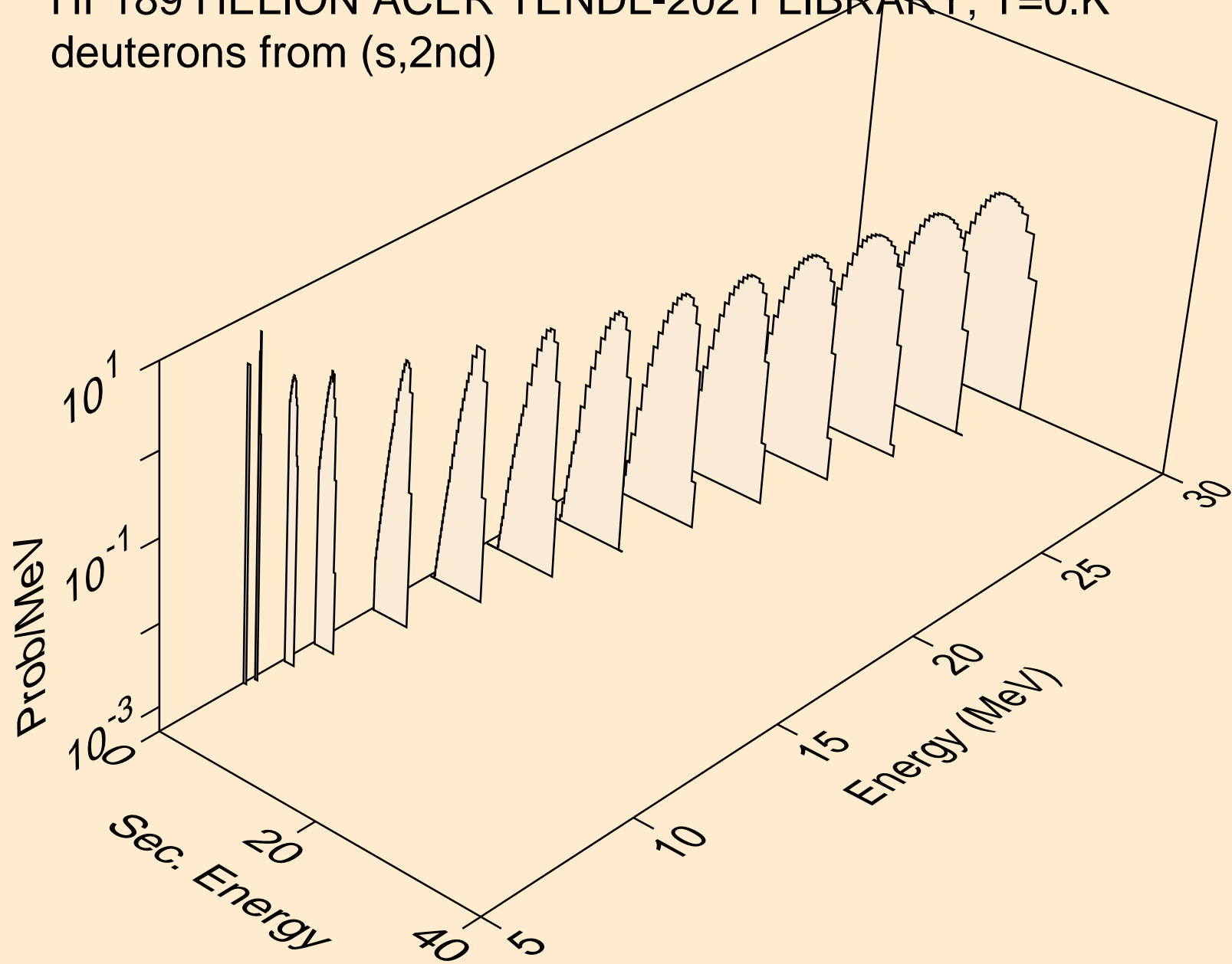




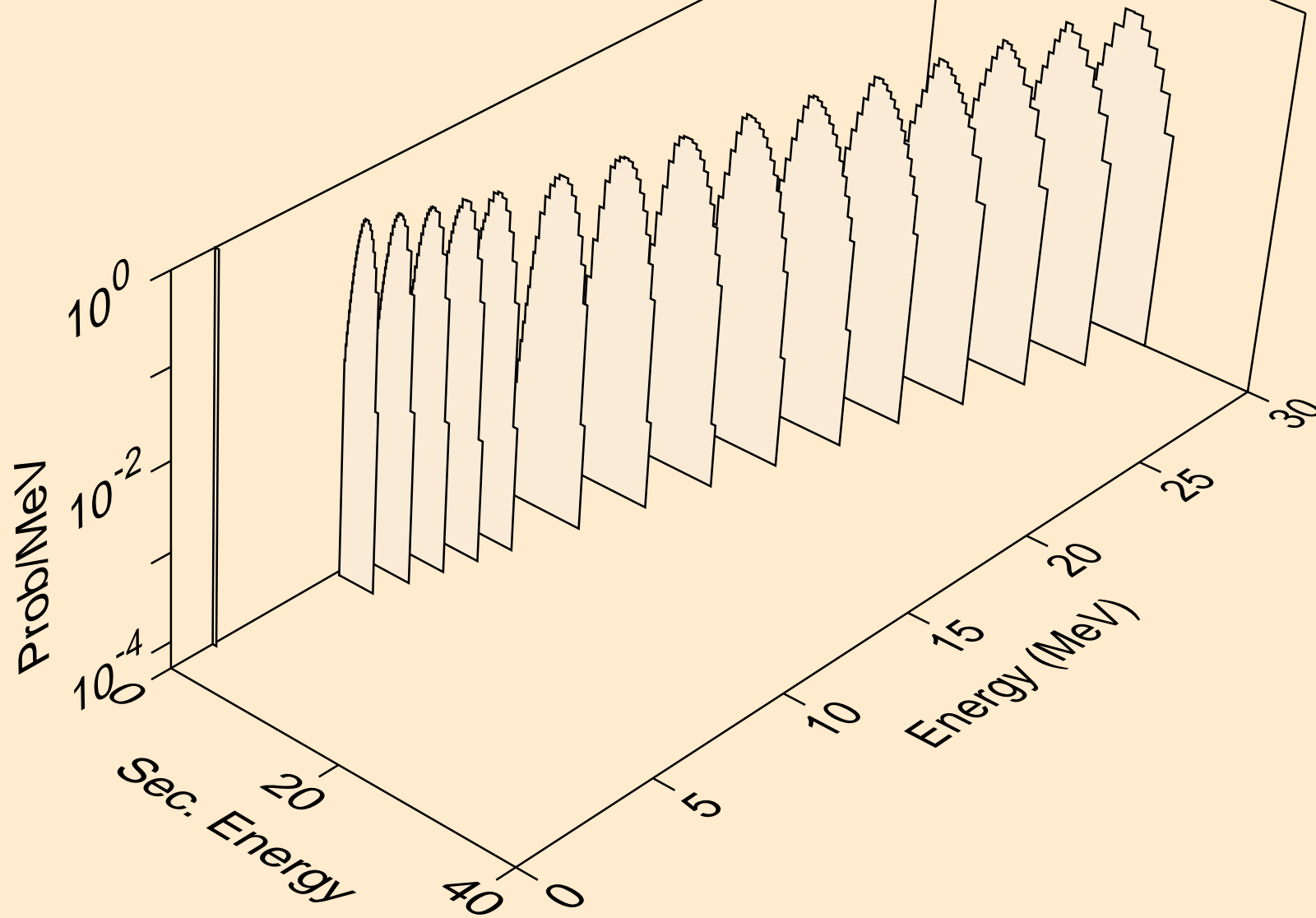
HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,x)



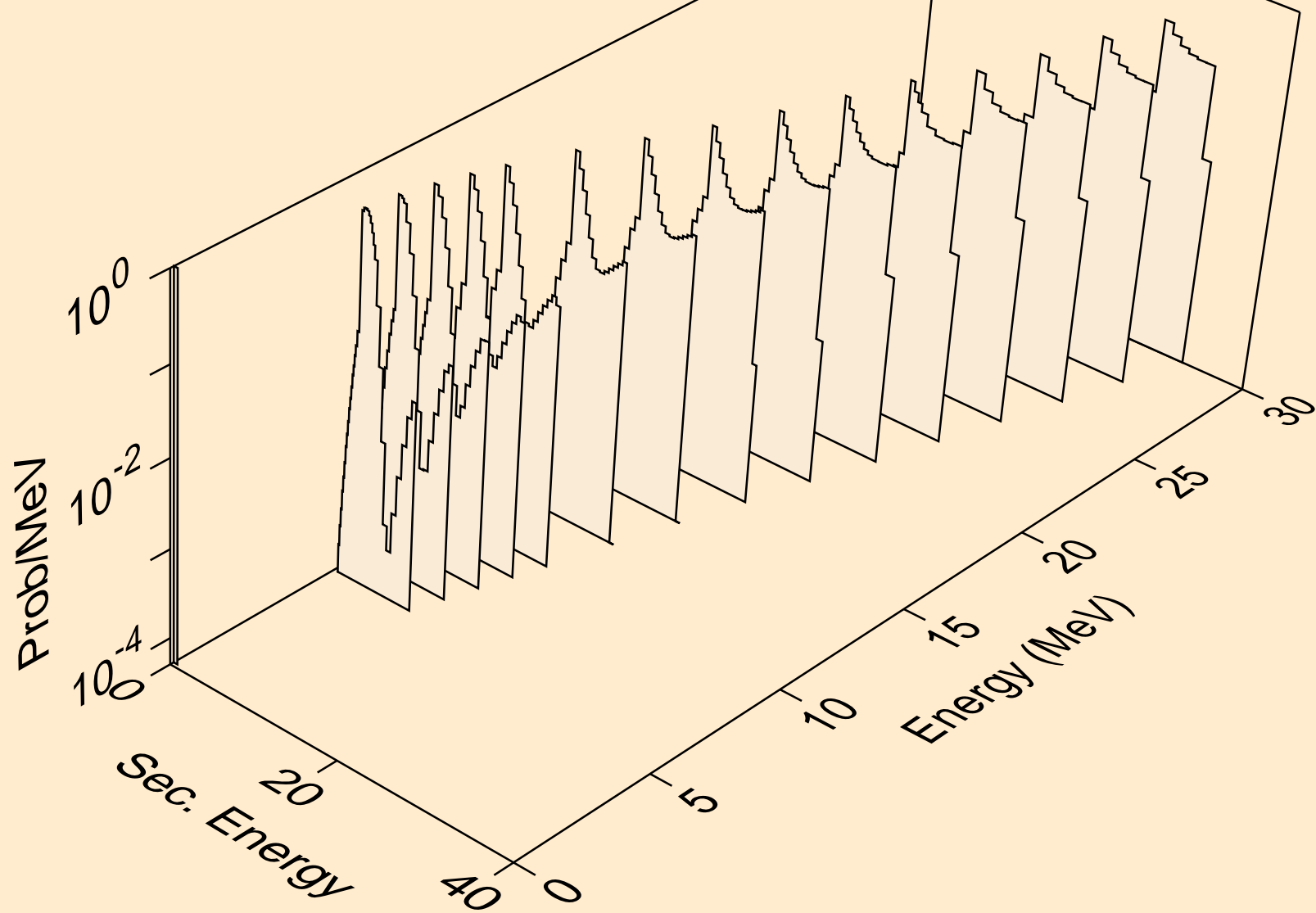
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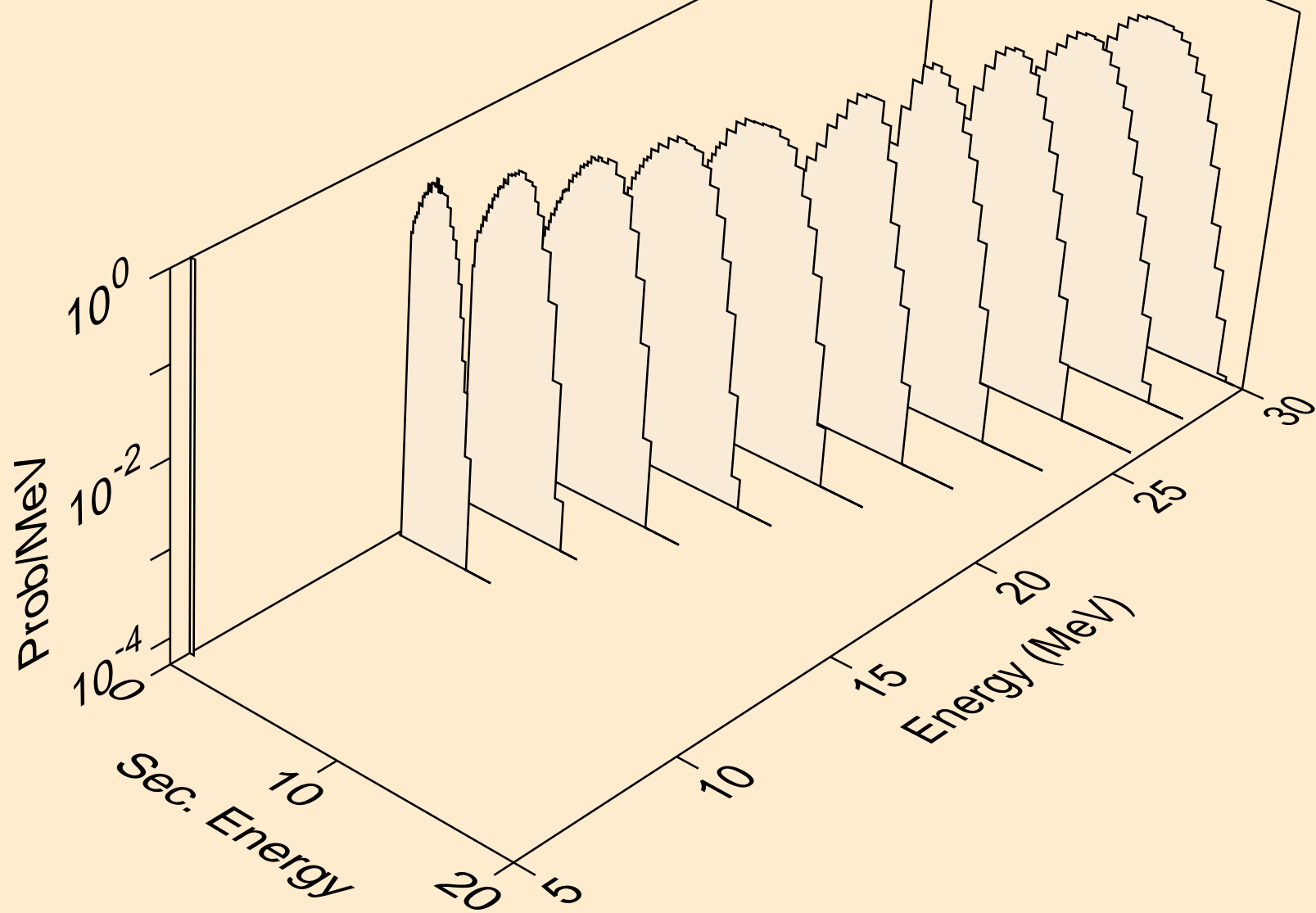
HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
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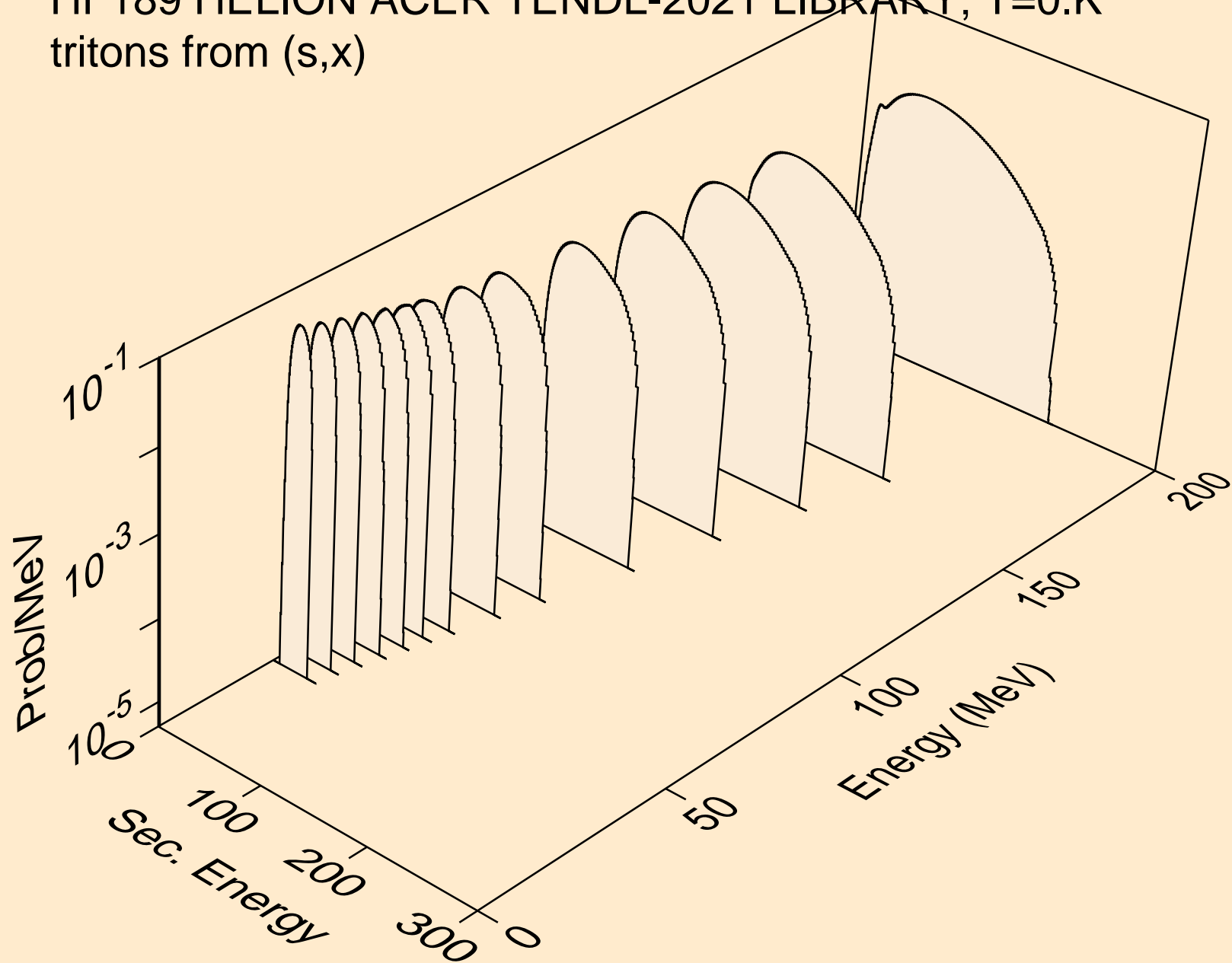
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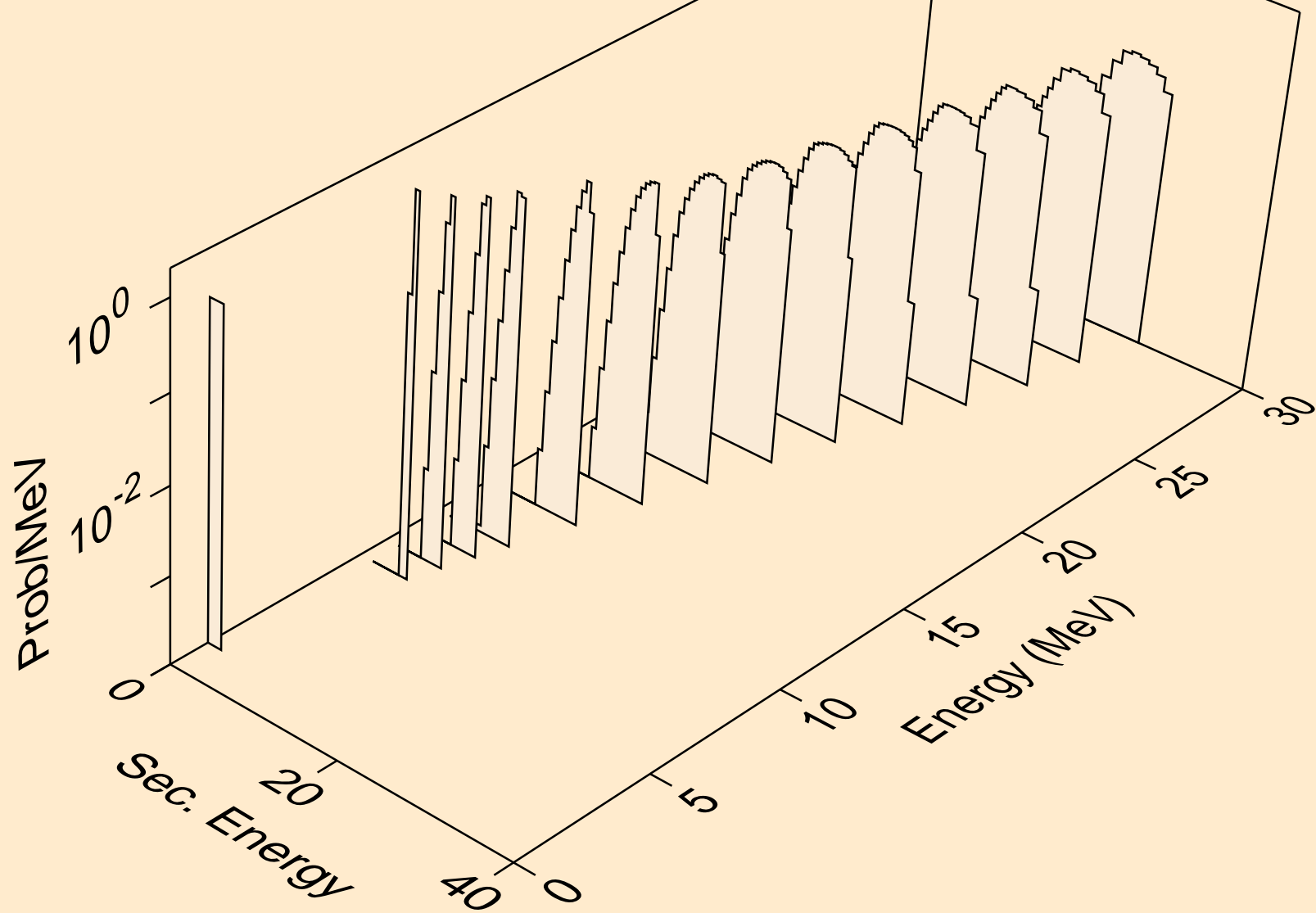
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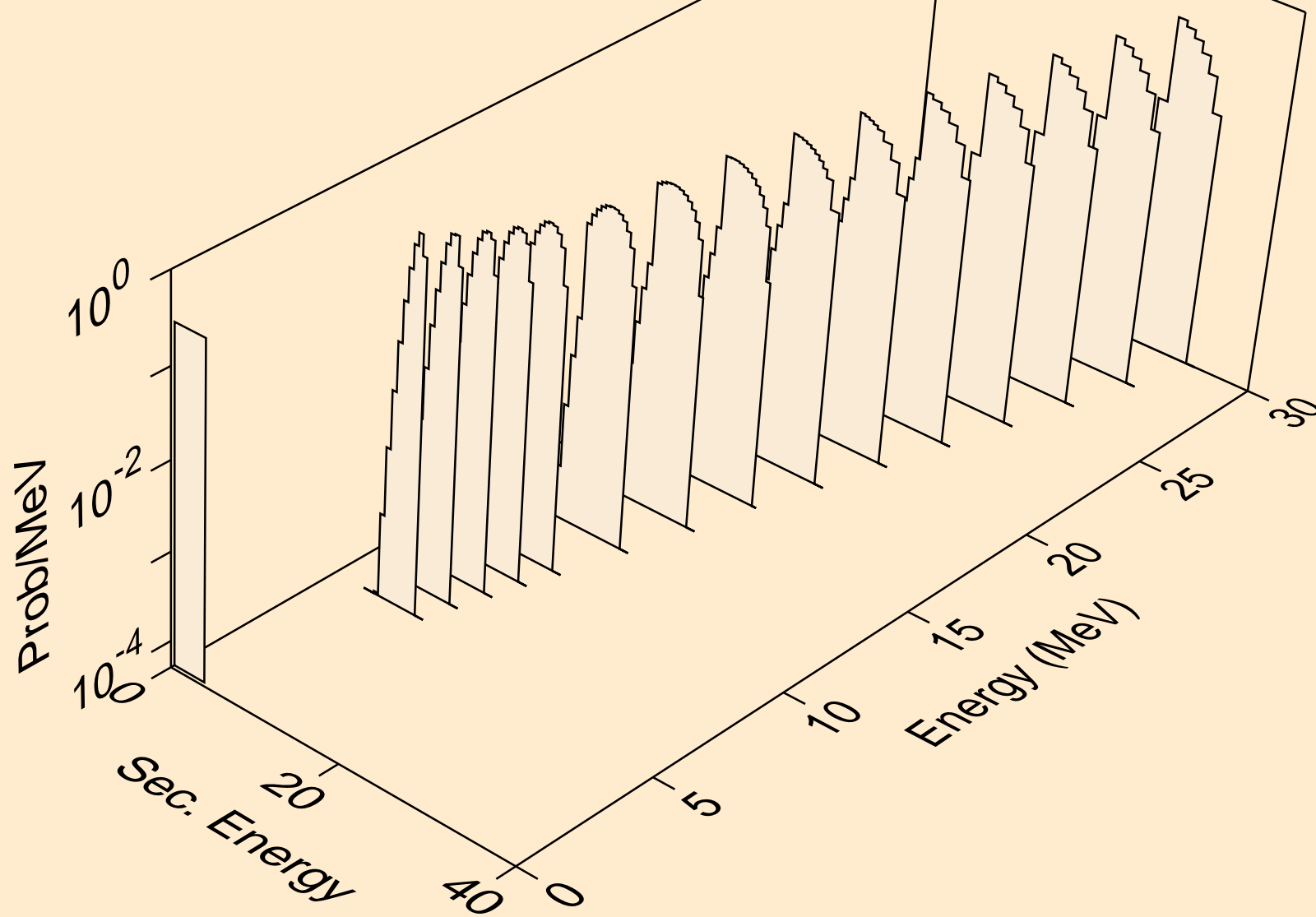
HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,x)



HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,n\*)t

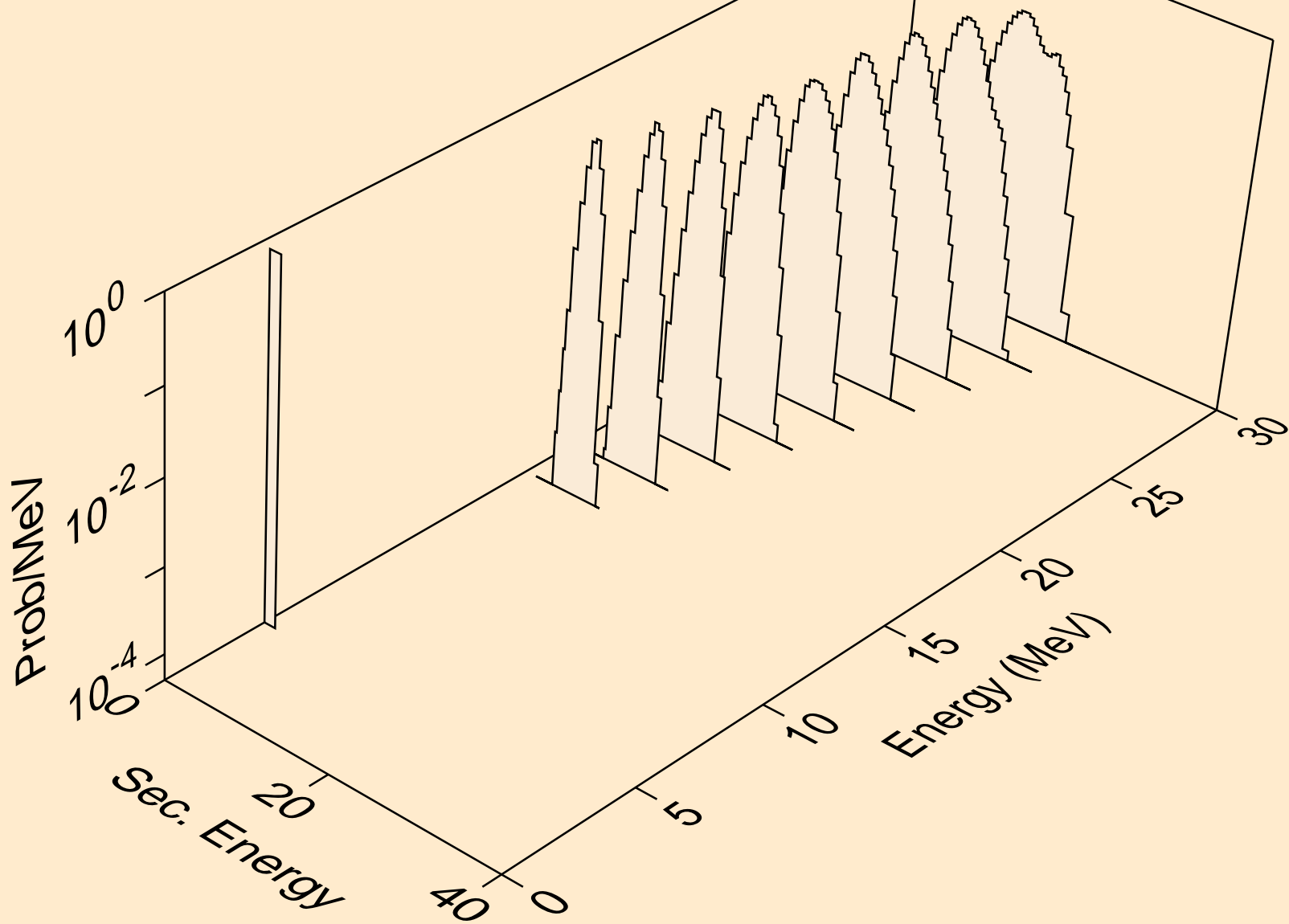


HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,t)

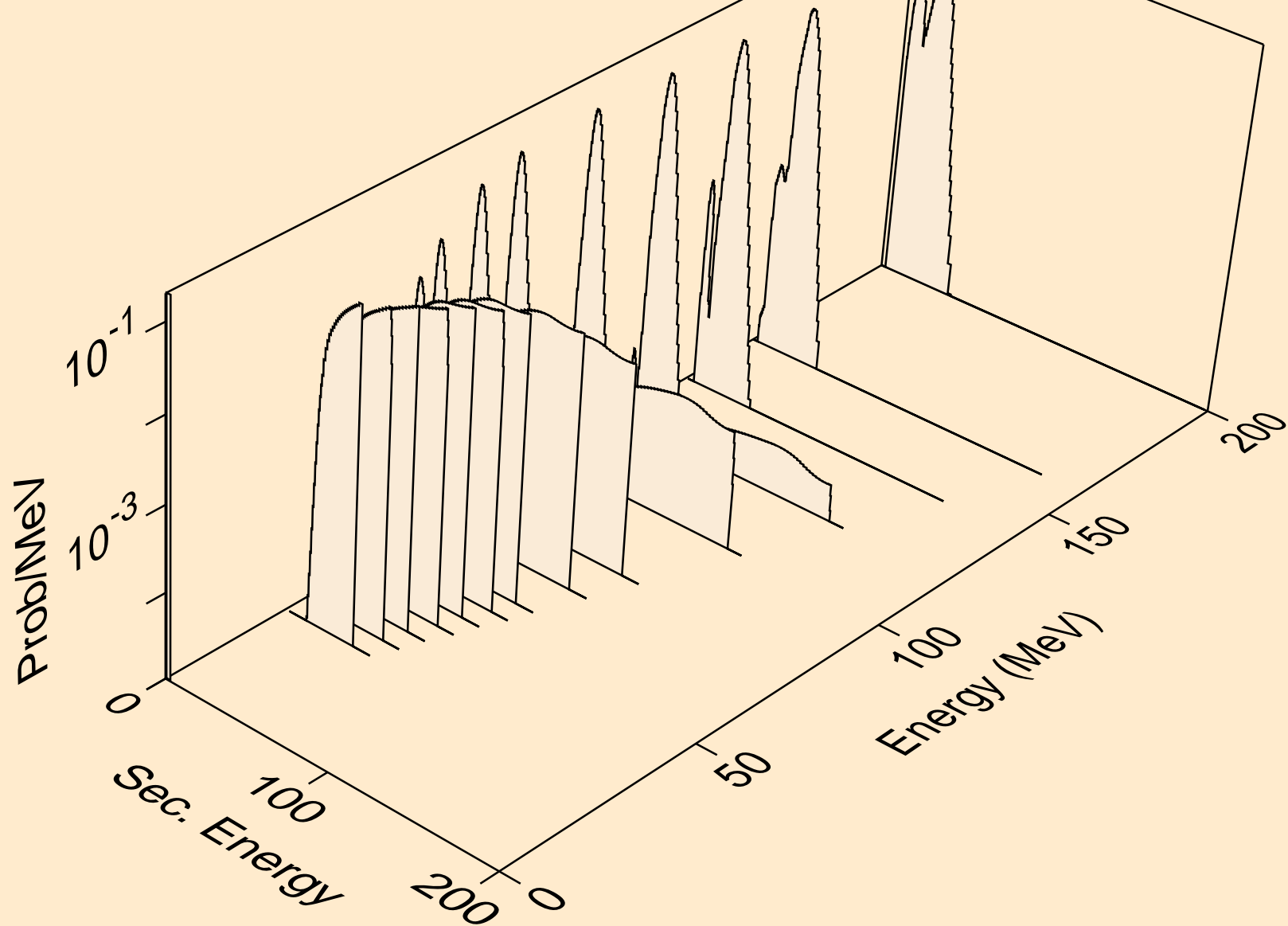




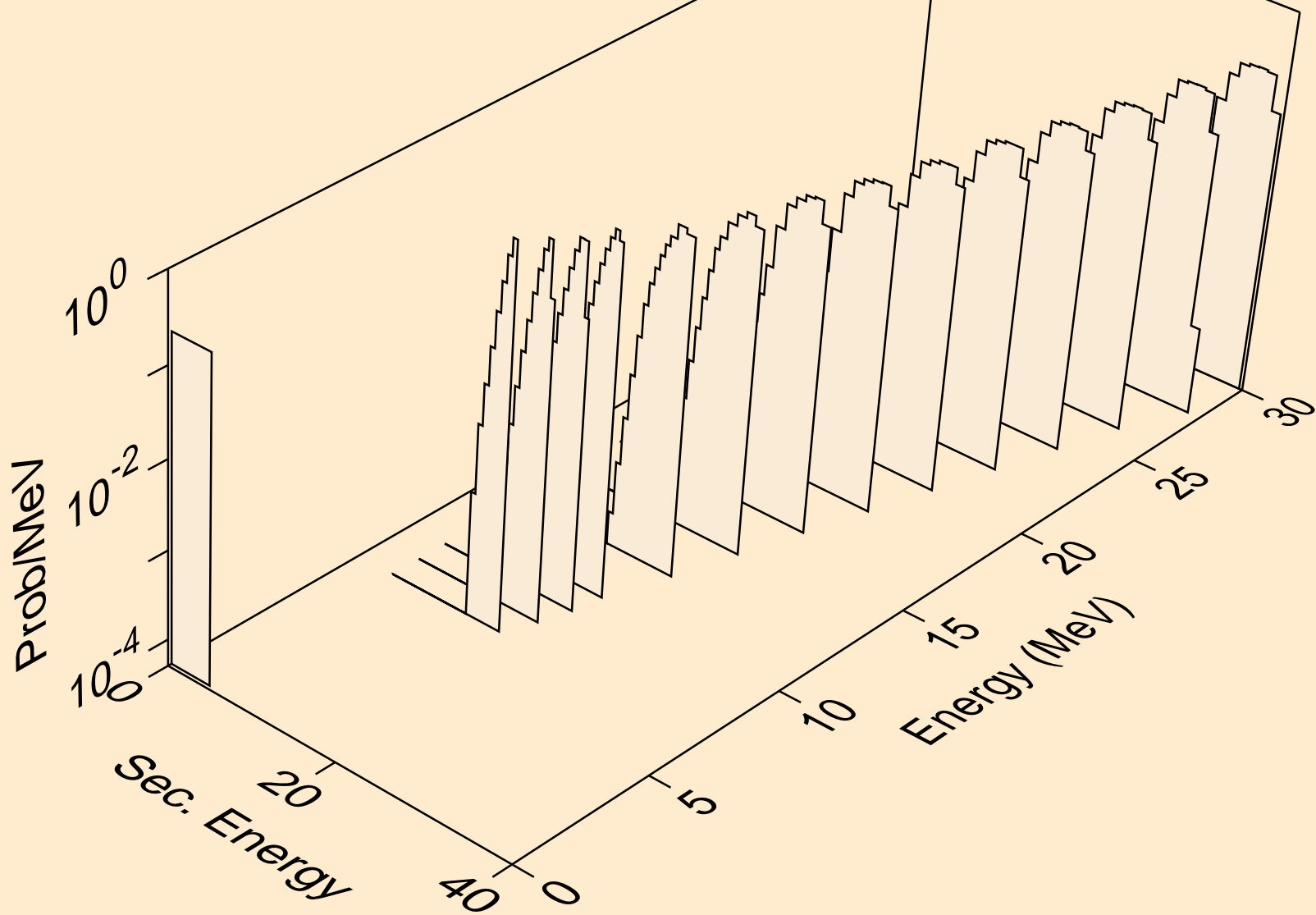
HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,pt)



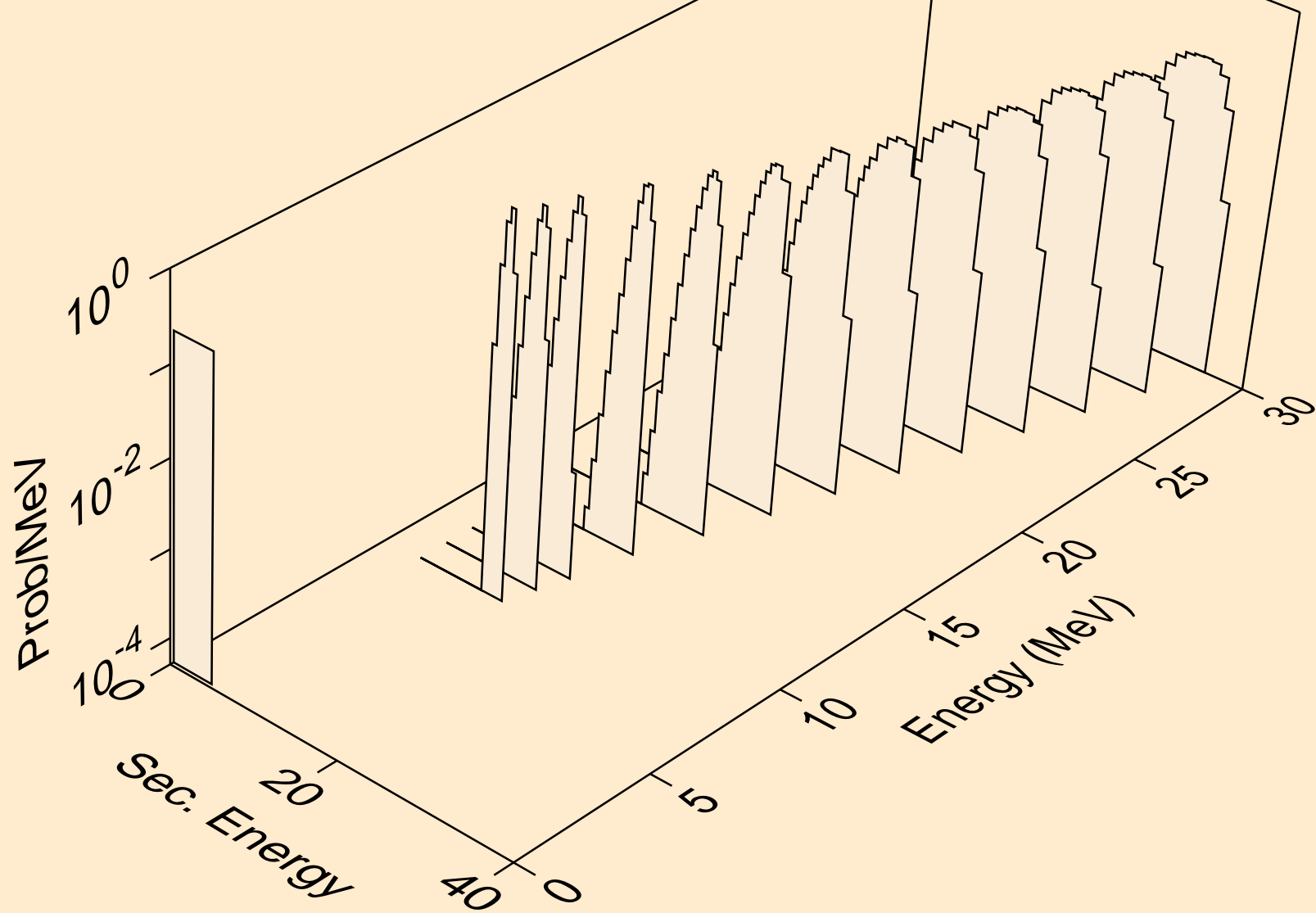
HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,x)



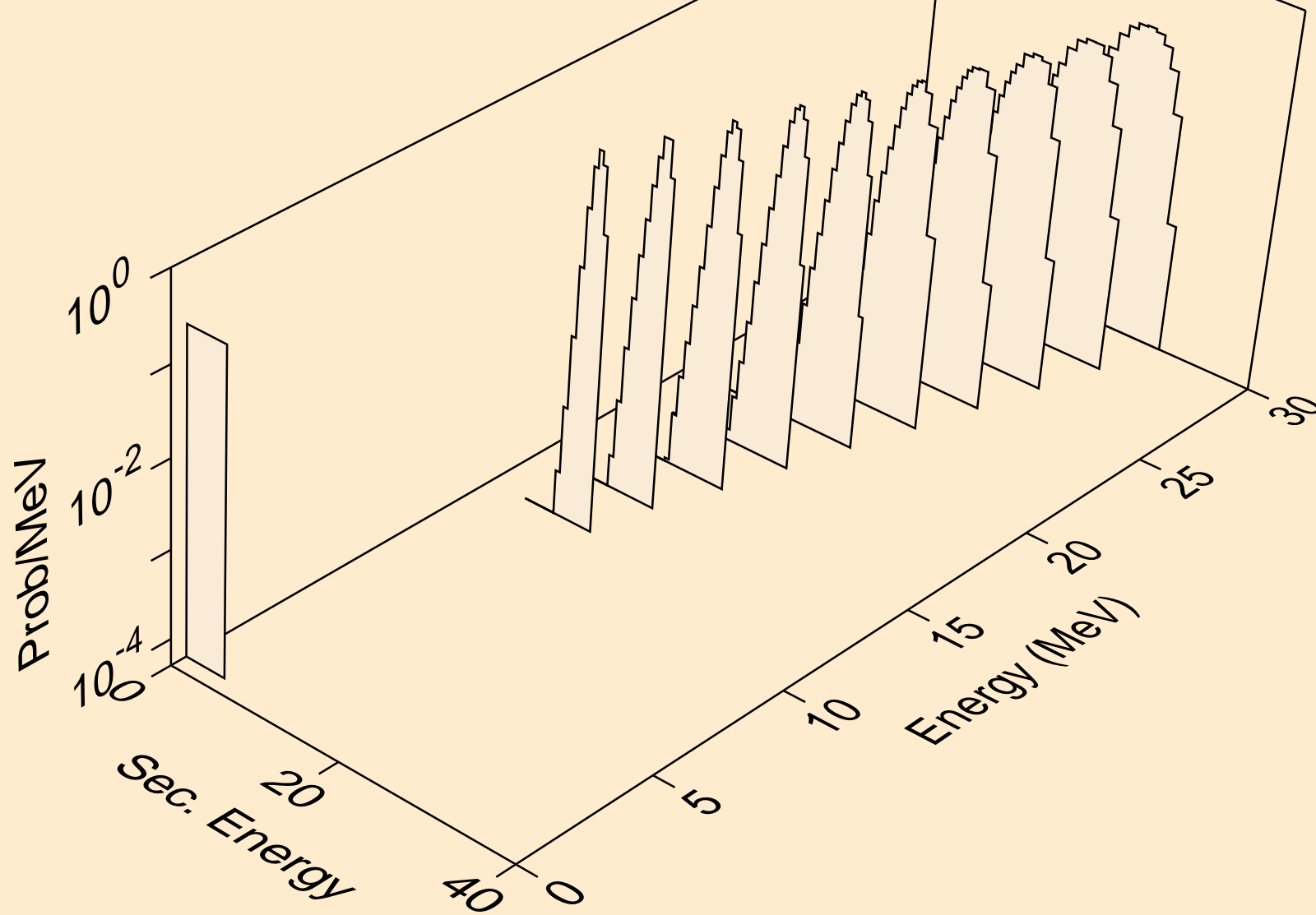
HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)a



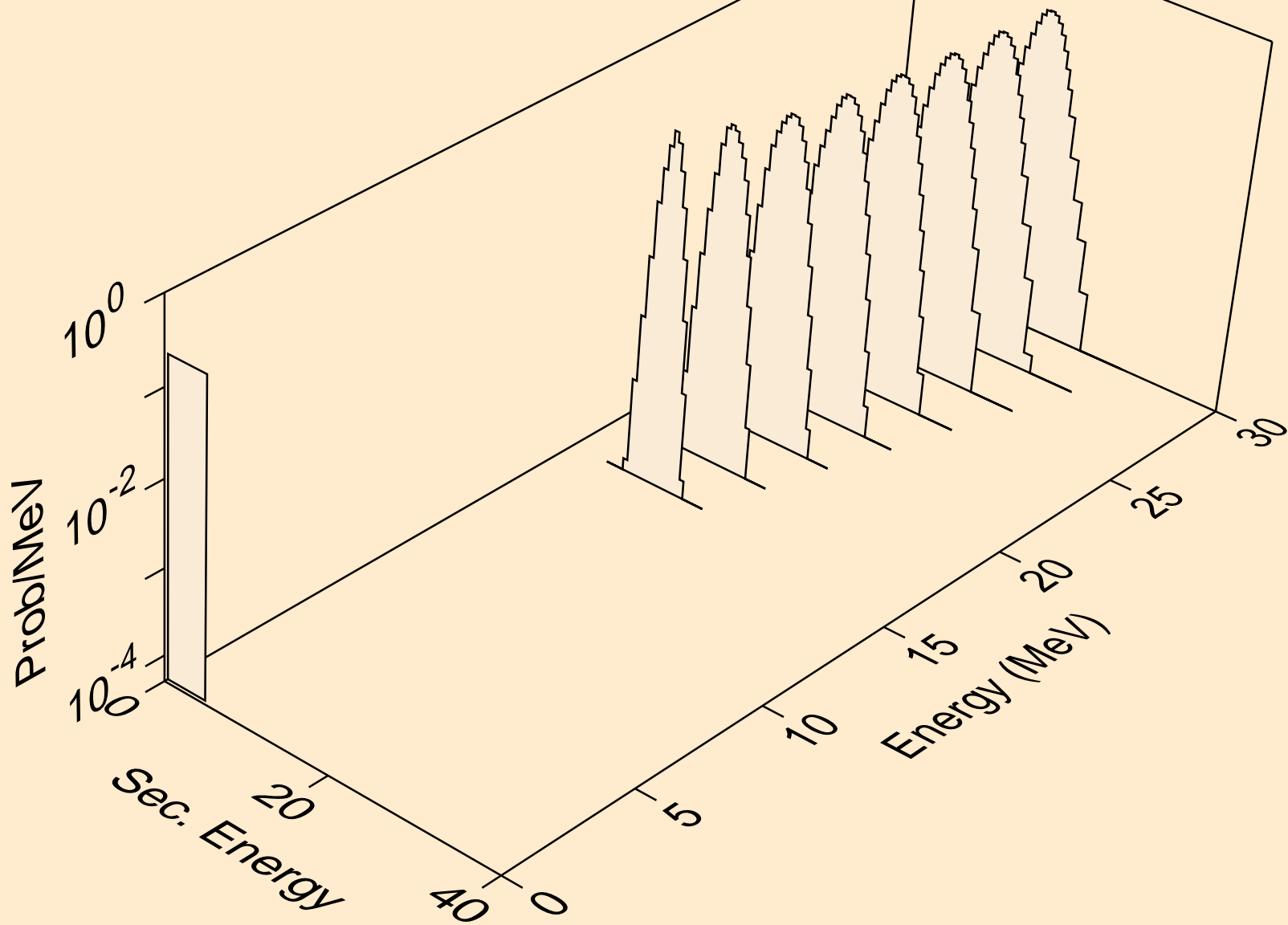
HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2n)a



HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,3n)a



HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,npa)



HF189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,a)

