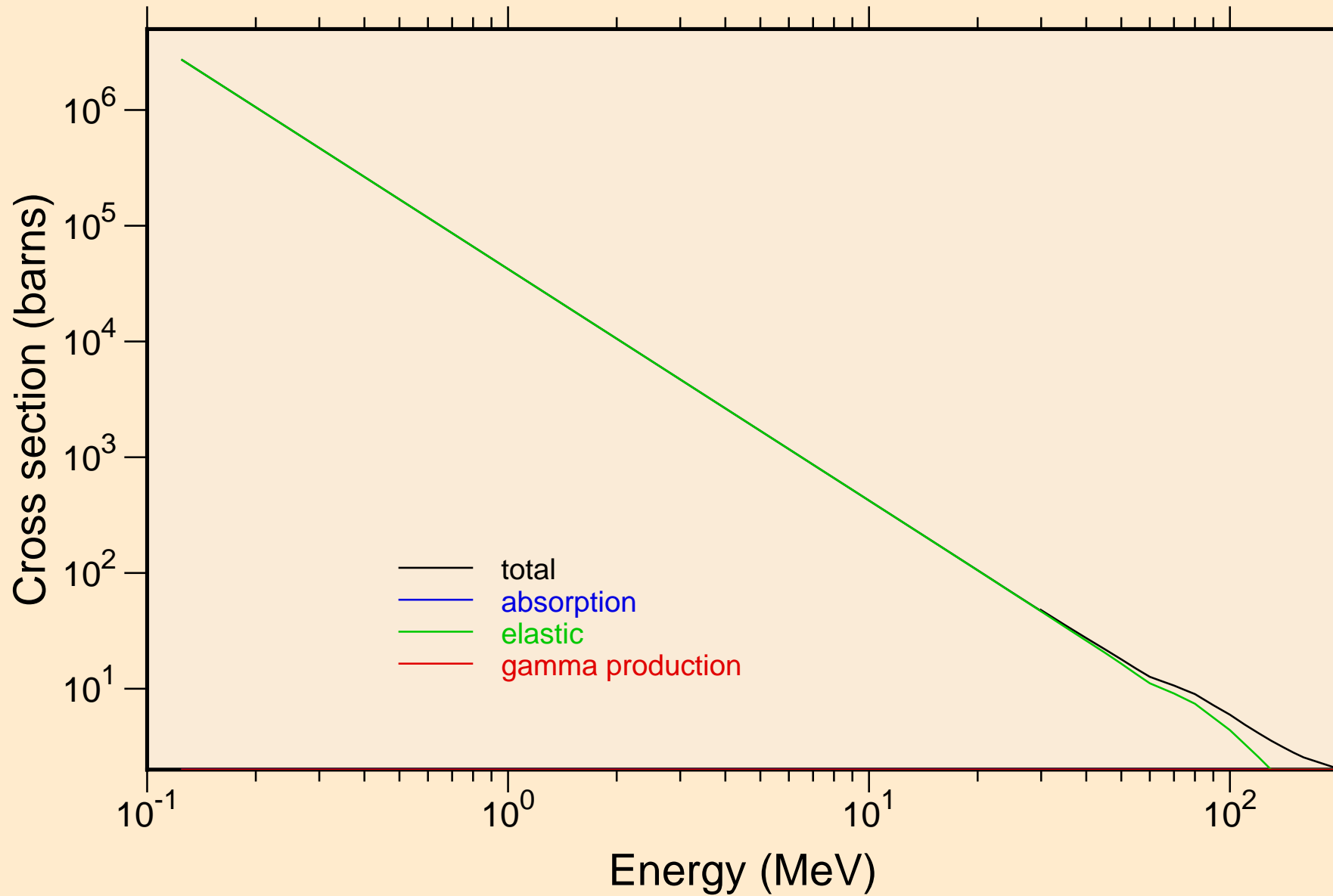
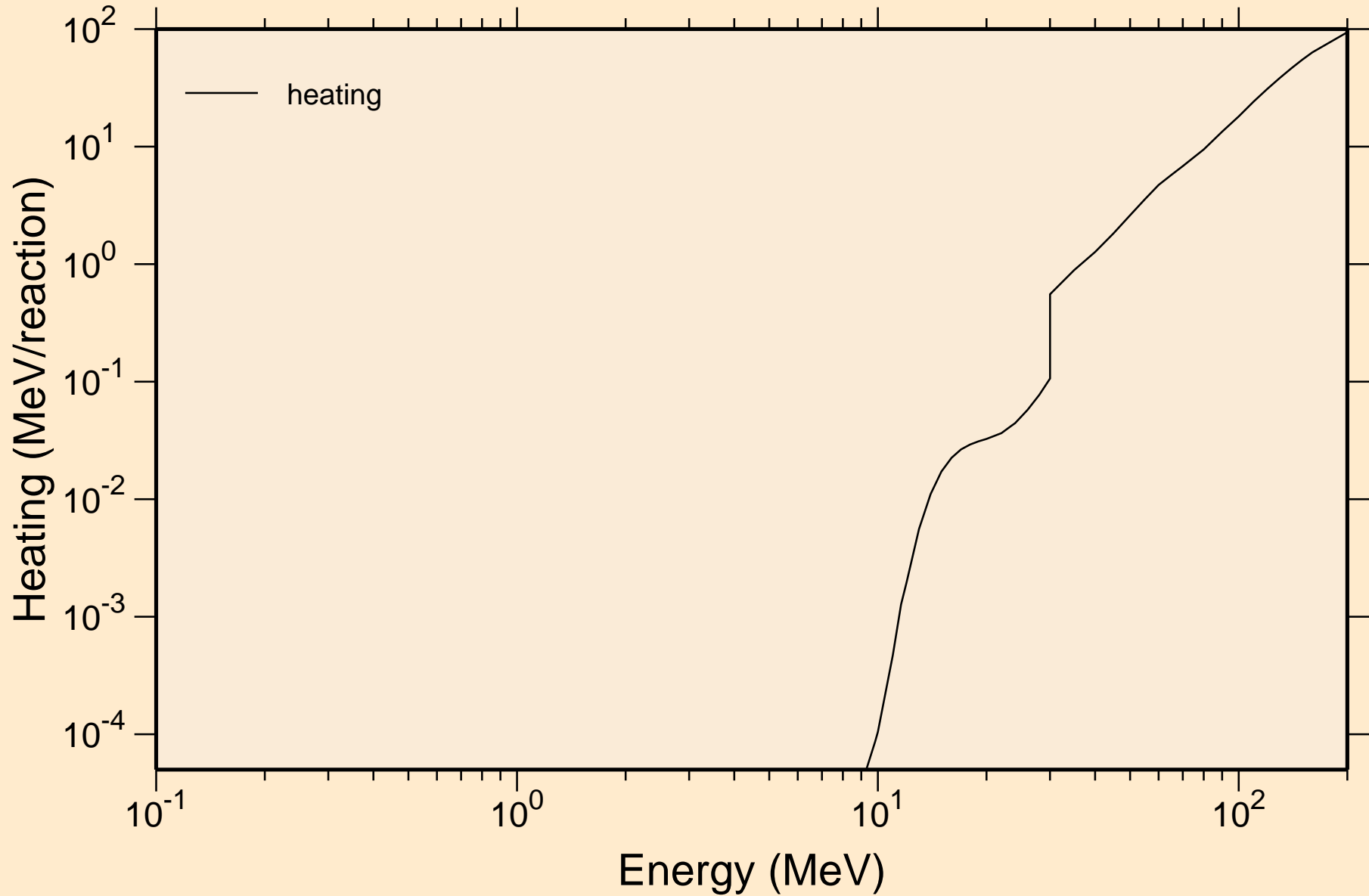


ZR080 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



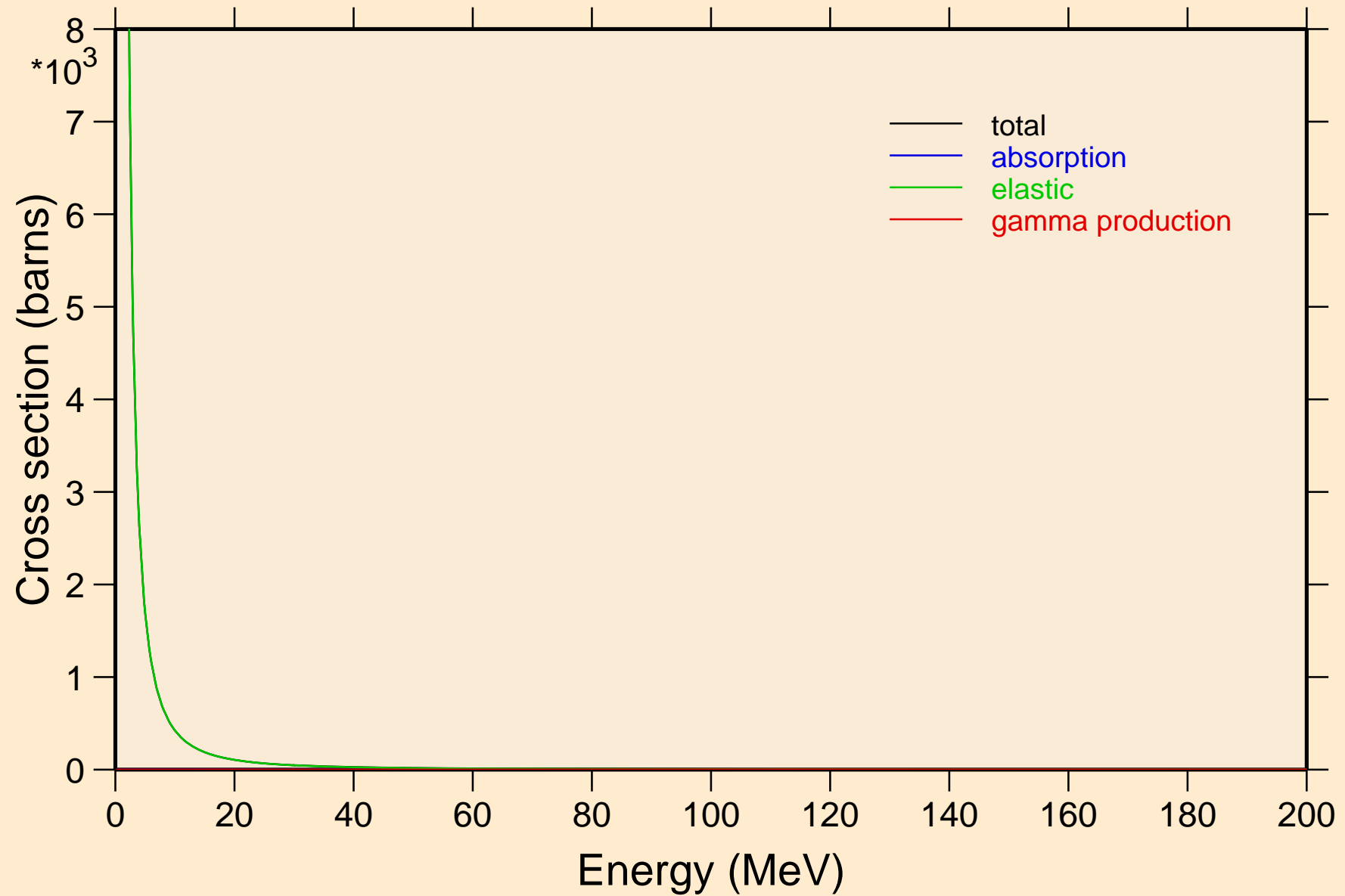
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Heating



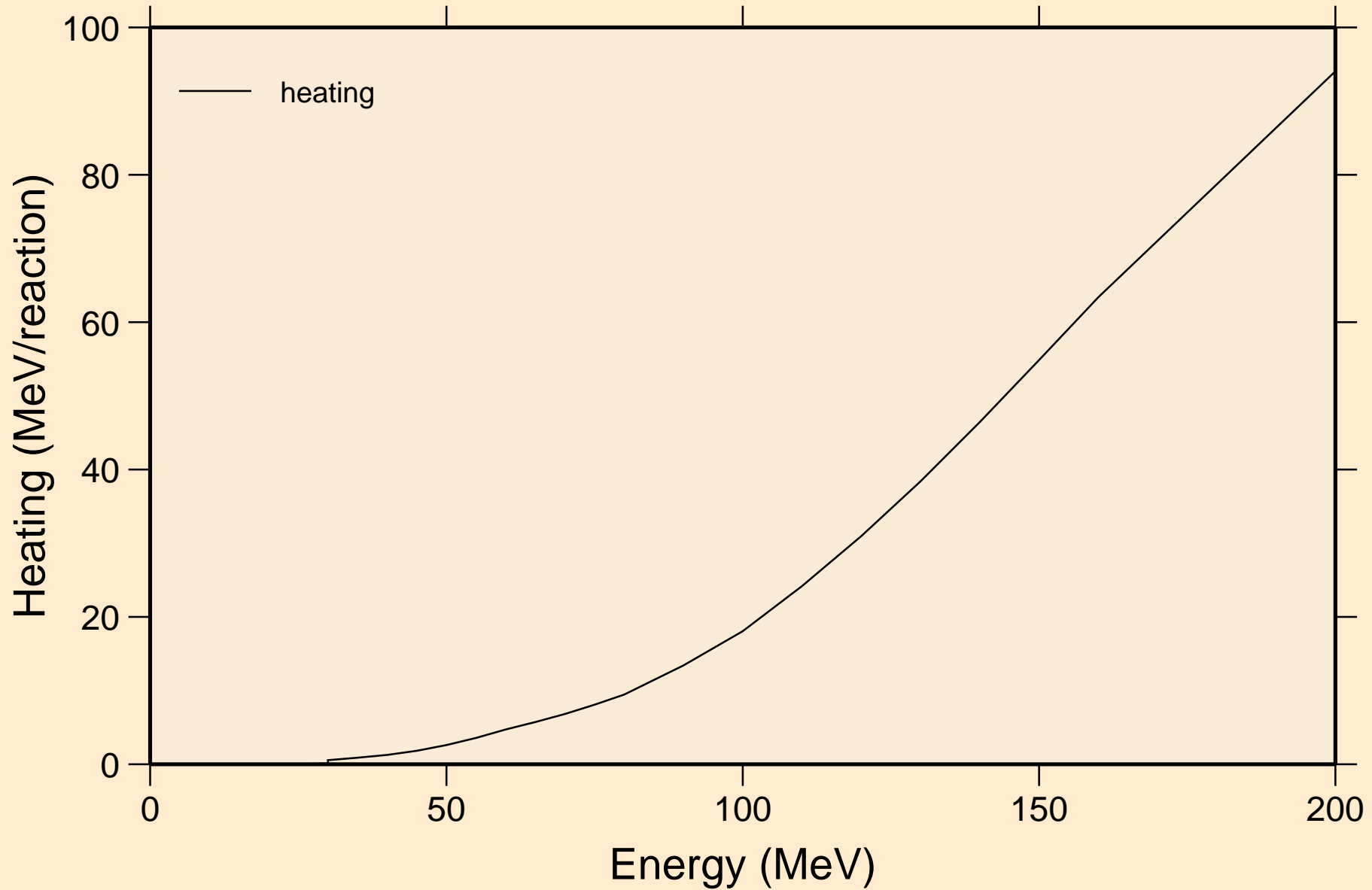
# ZR080 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

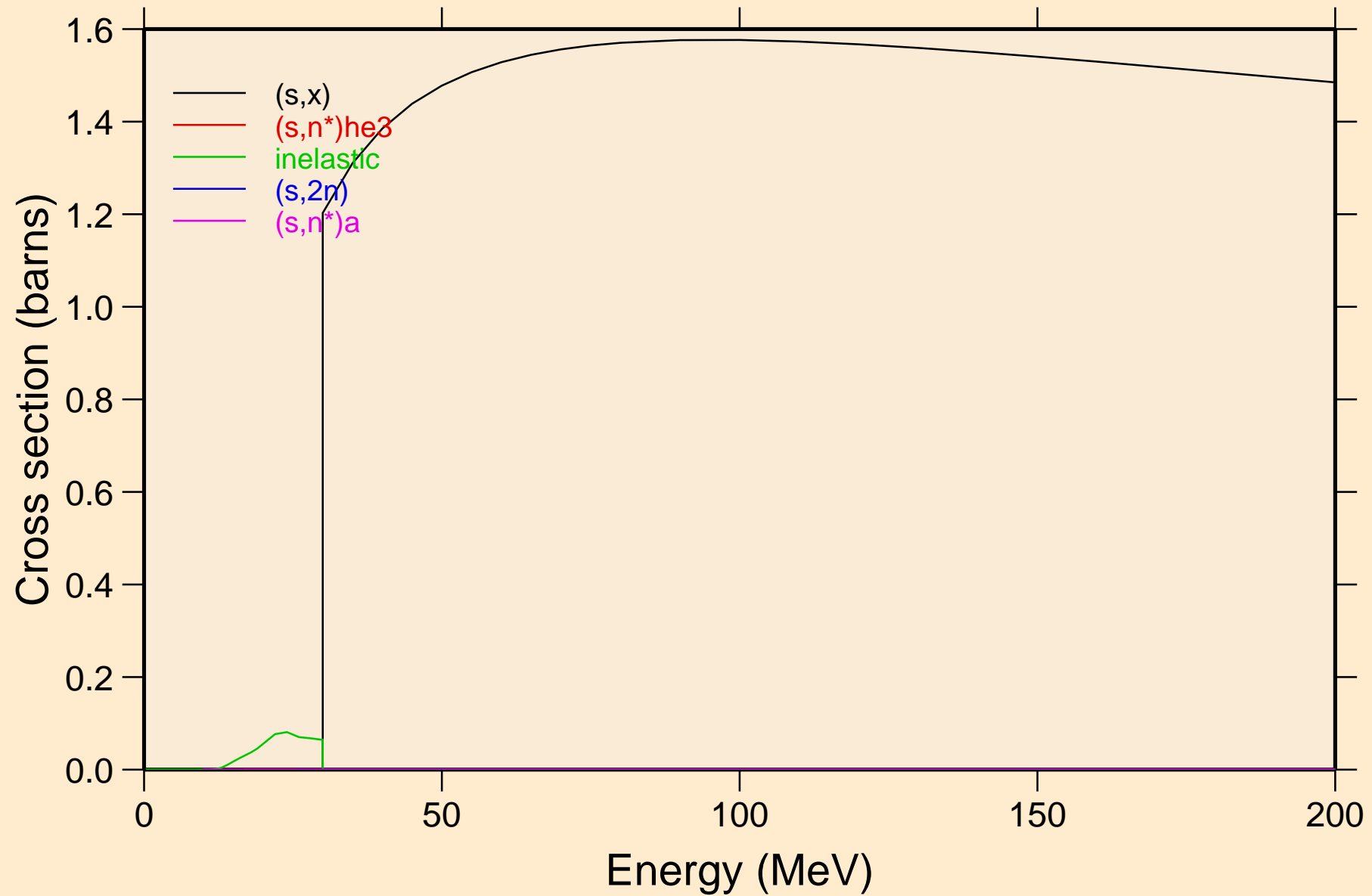


ZR080 HELION ACER TENDL-2023 LIBRARY; T=0.K

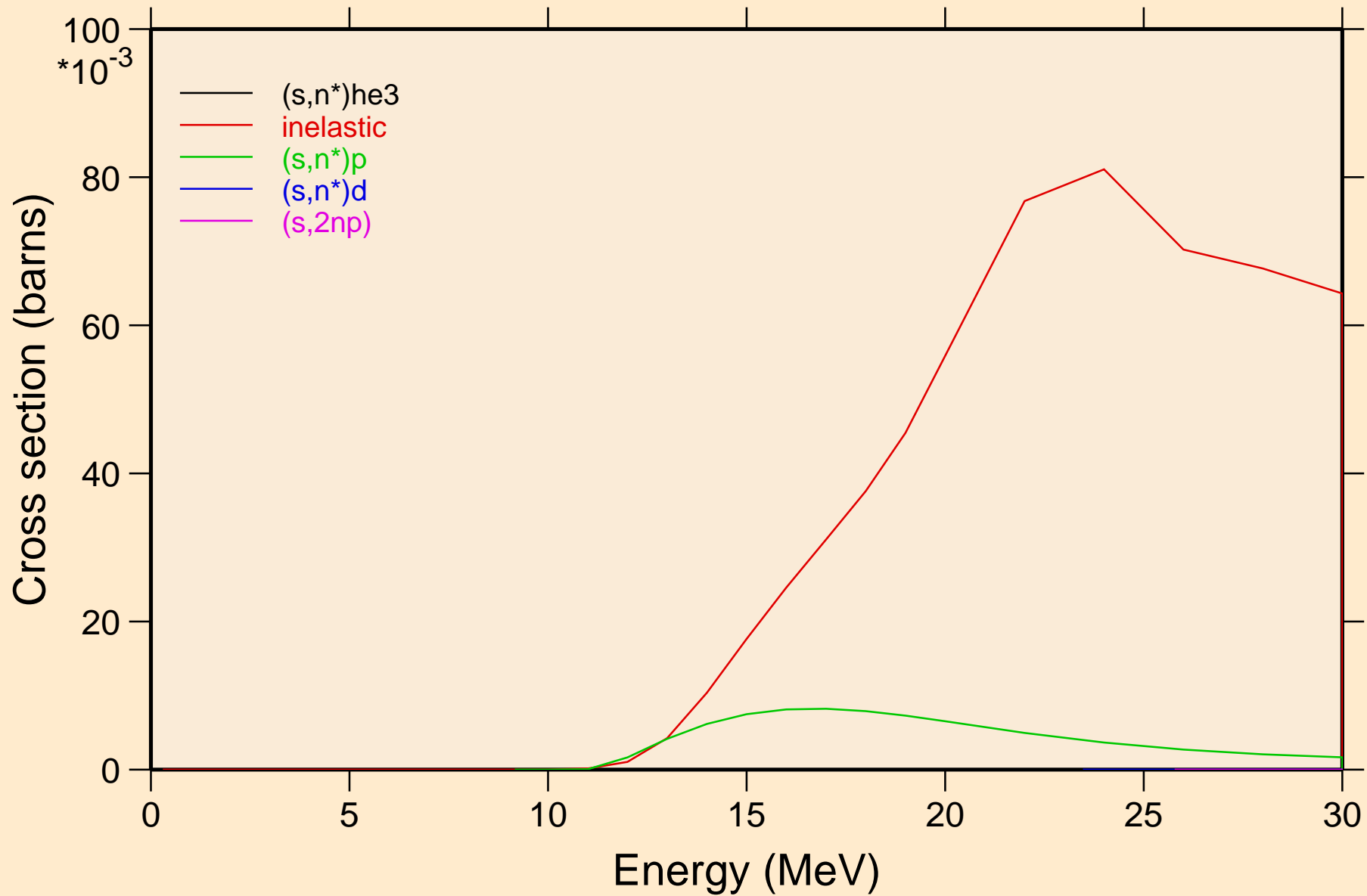
Heating



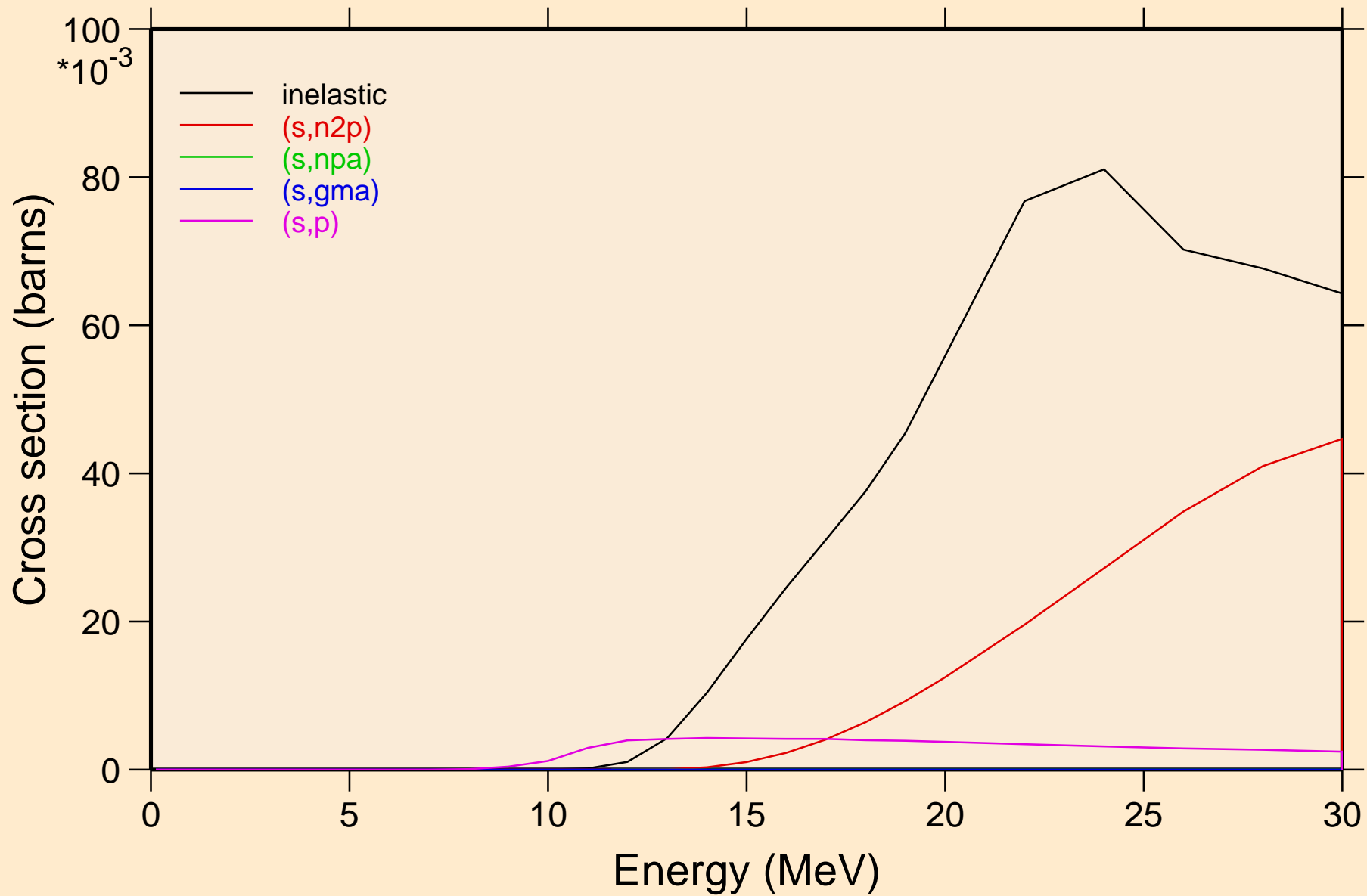
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Threshold reactions



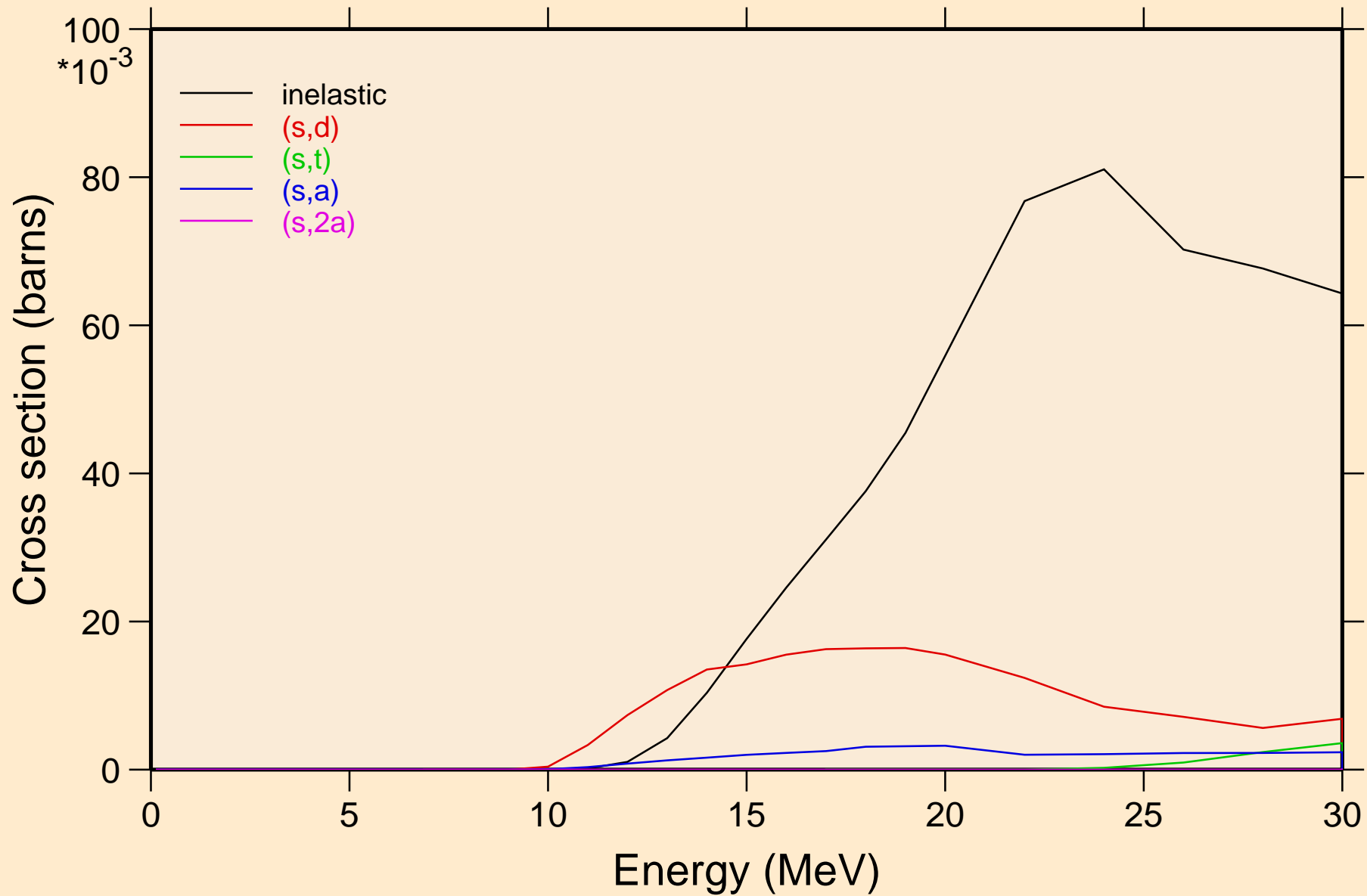
ZR080 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



ZR080 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

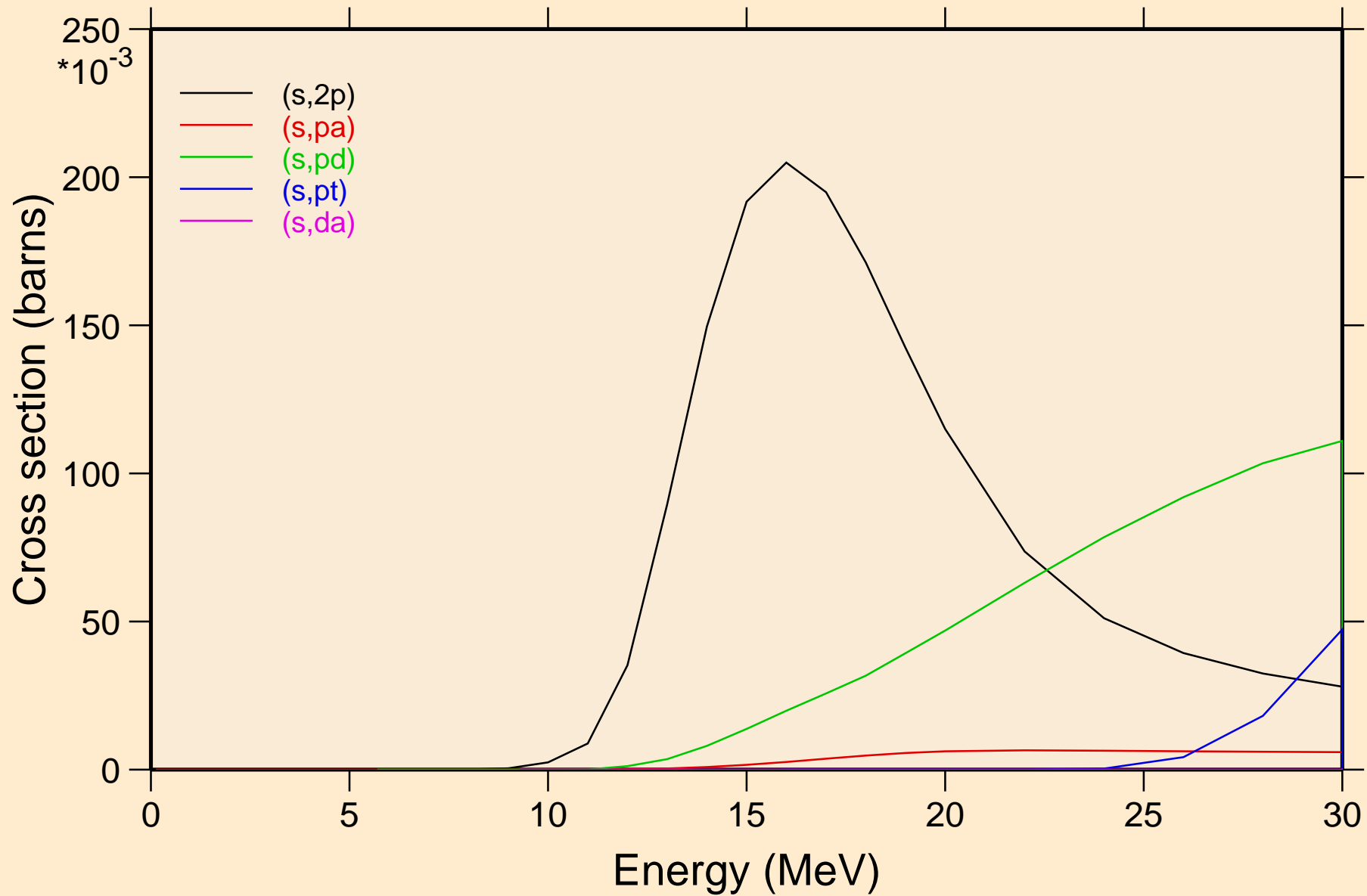


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Threshold reactions

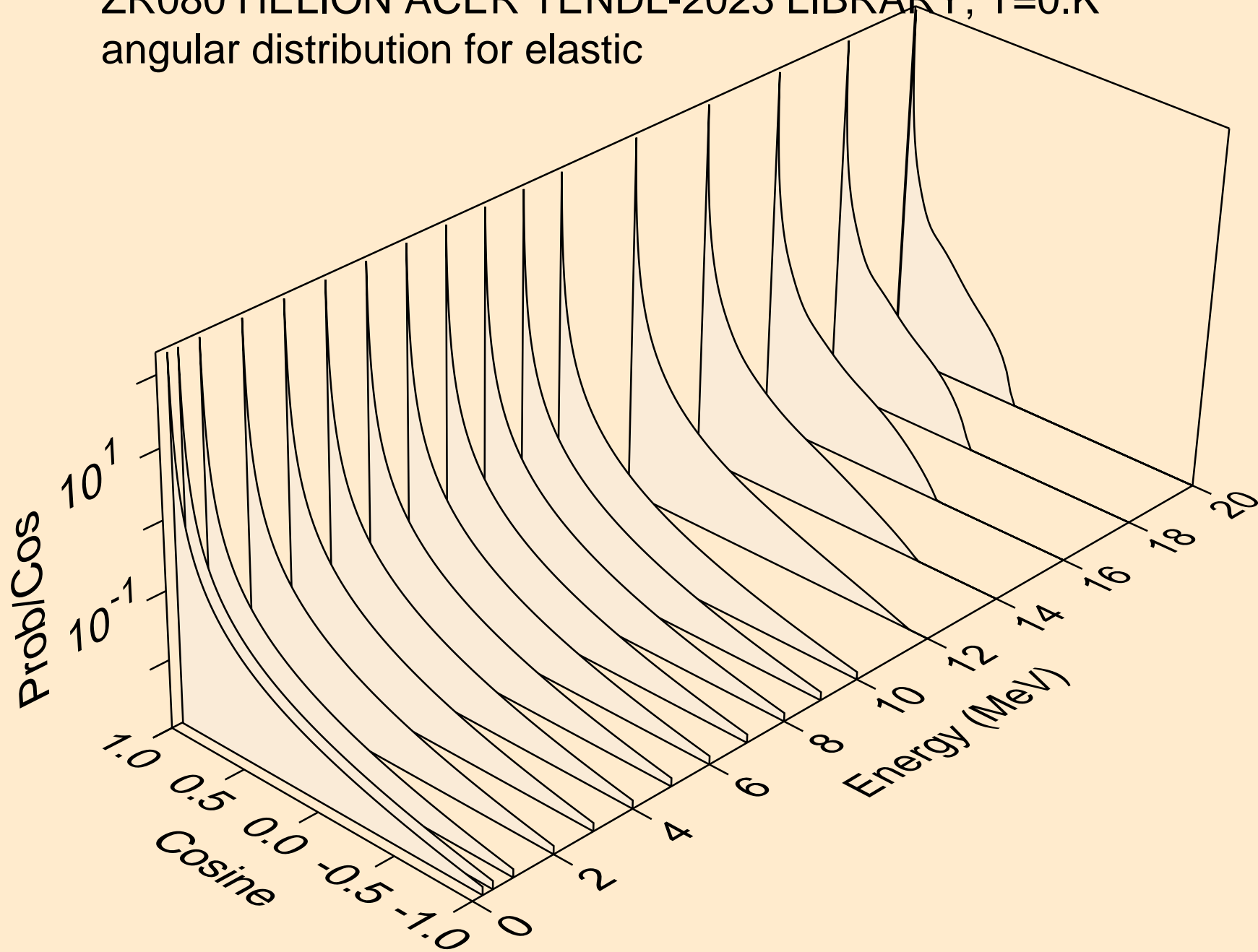




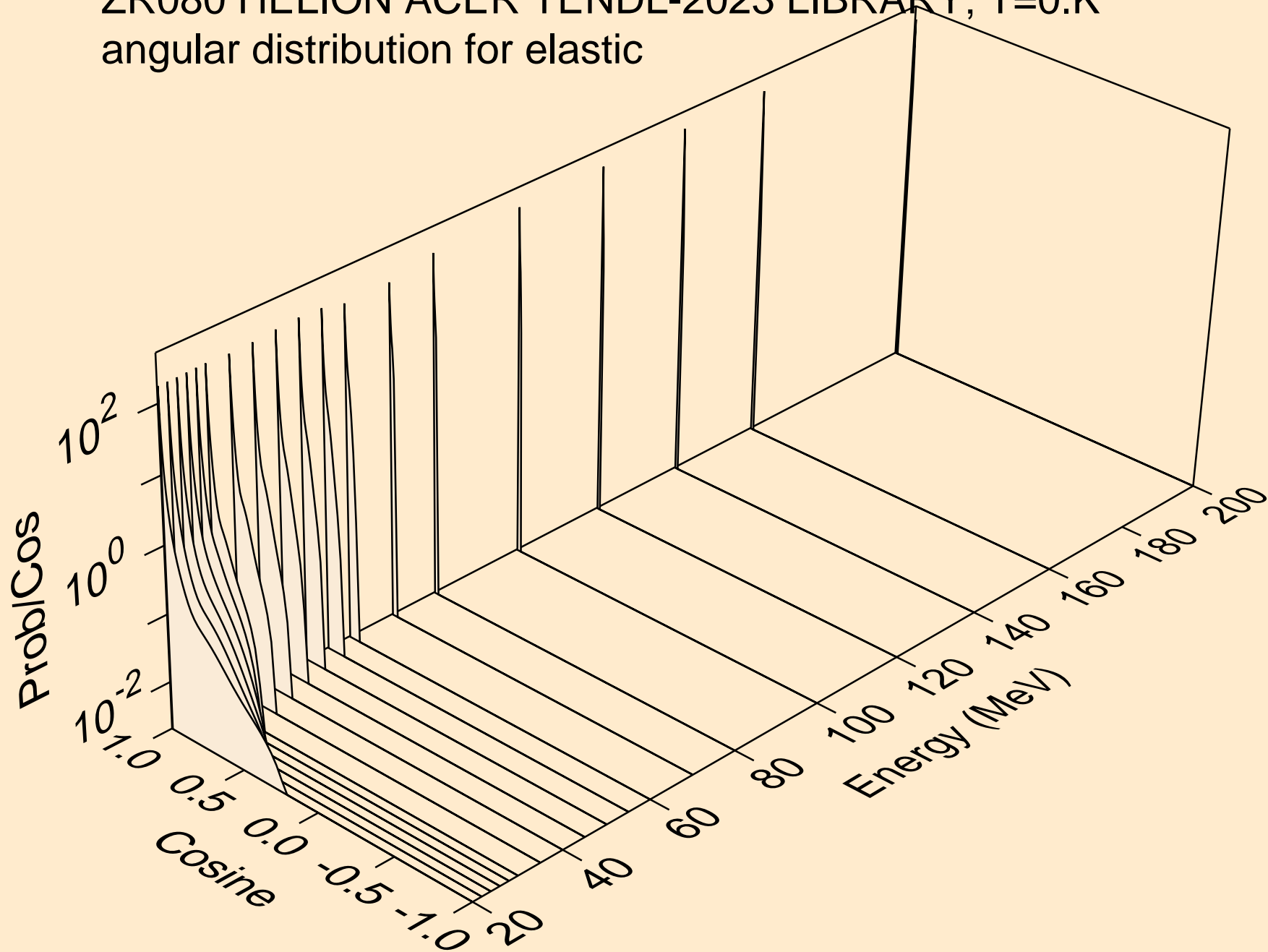
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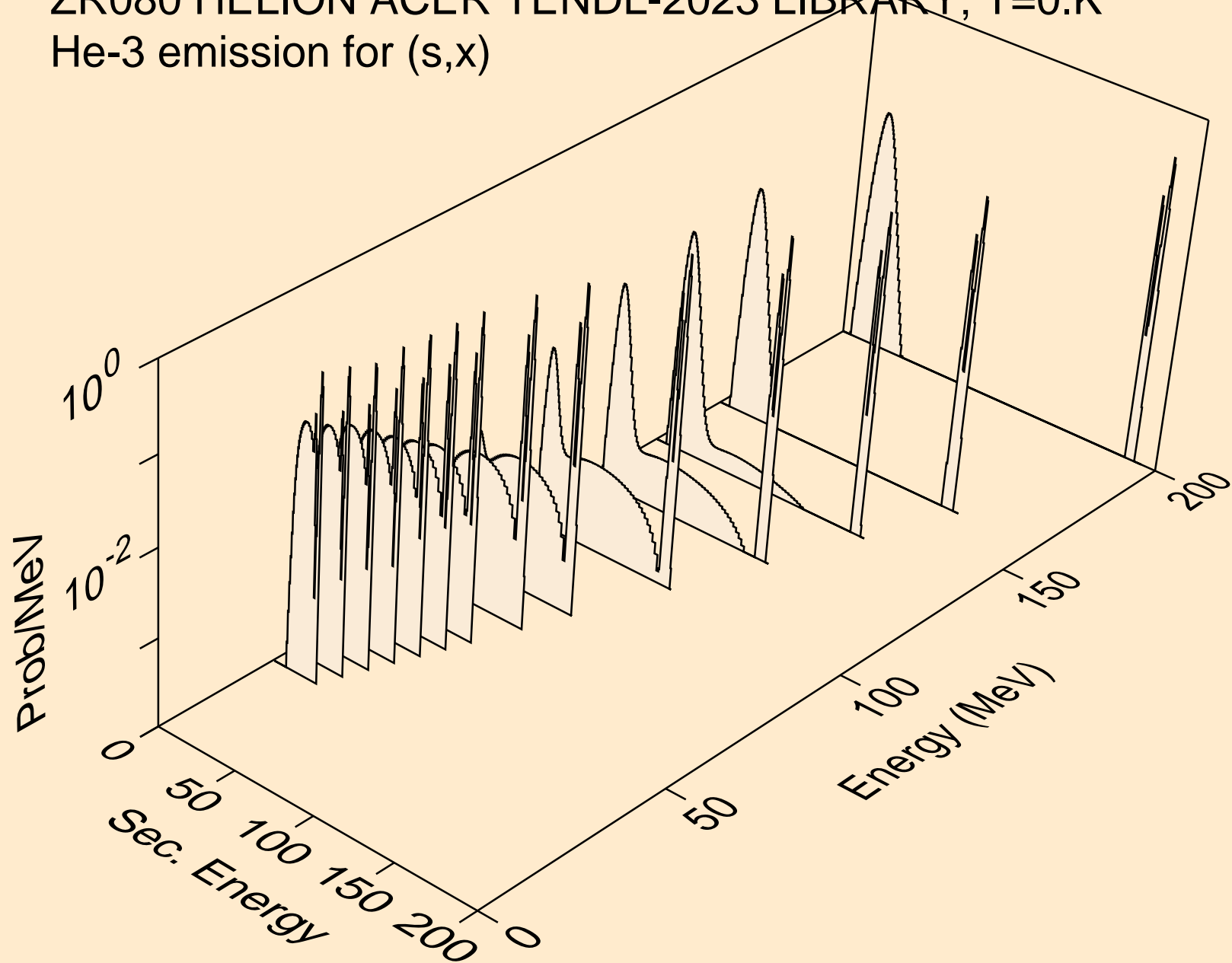
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angular distribution for elastic



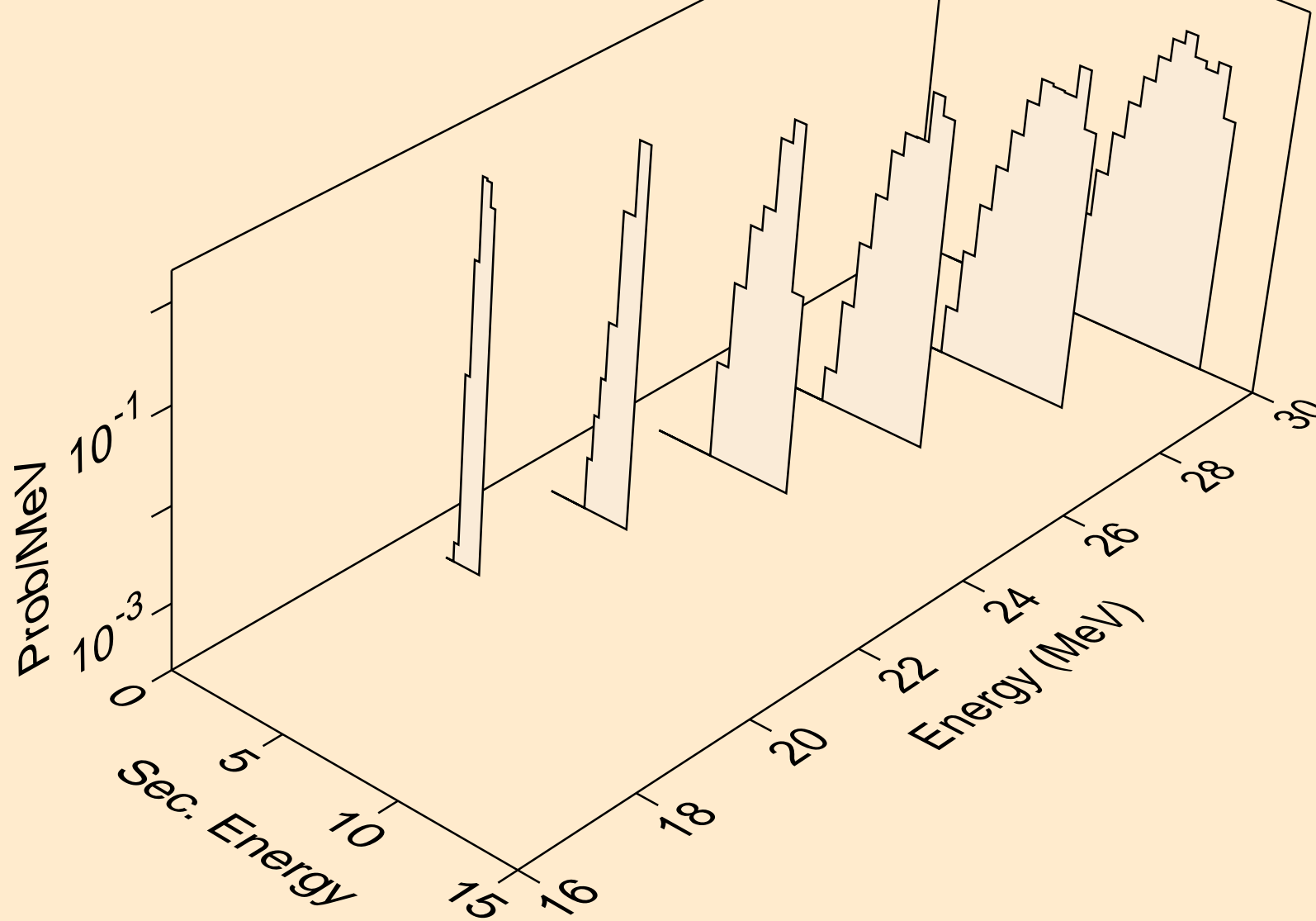
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angular distribution for elastic



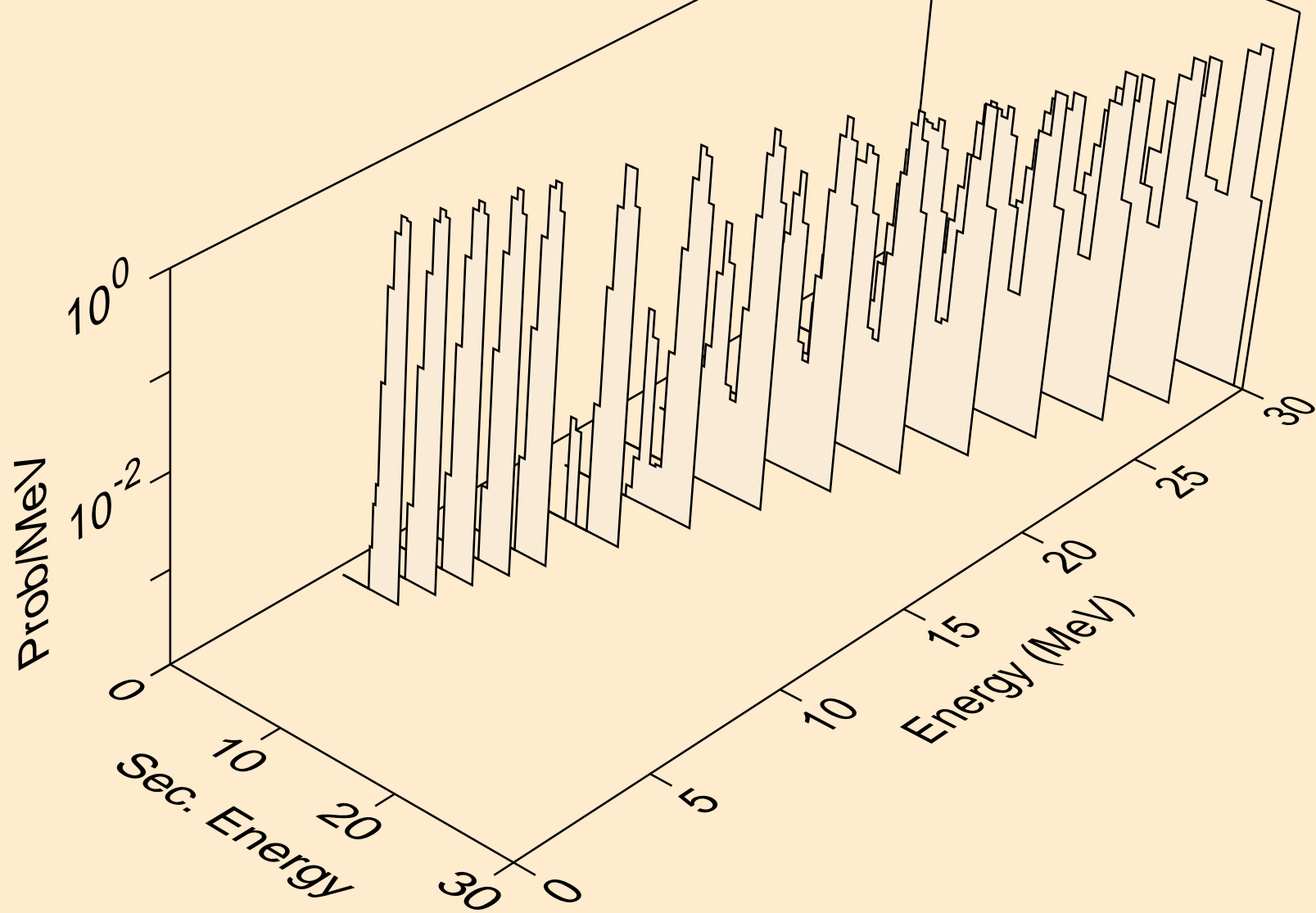
ZR080 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,x)



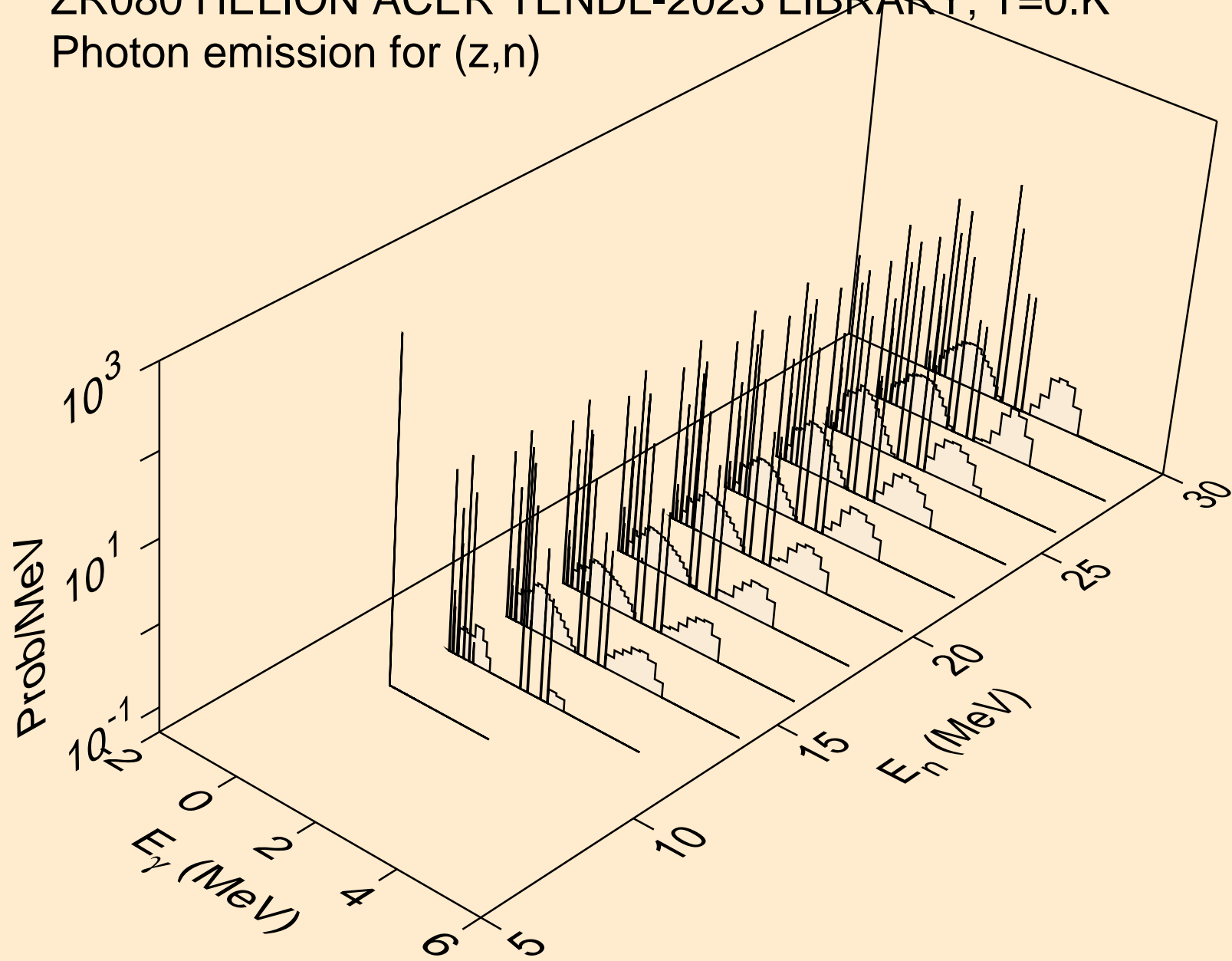
ZR080 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3



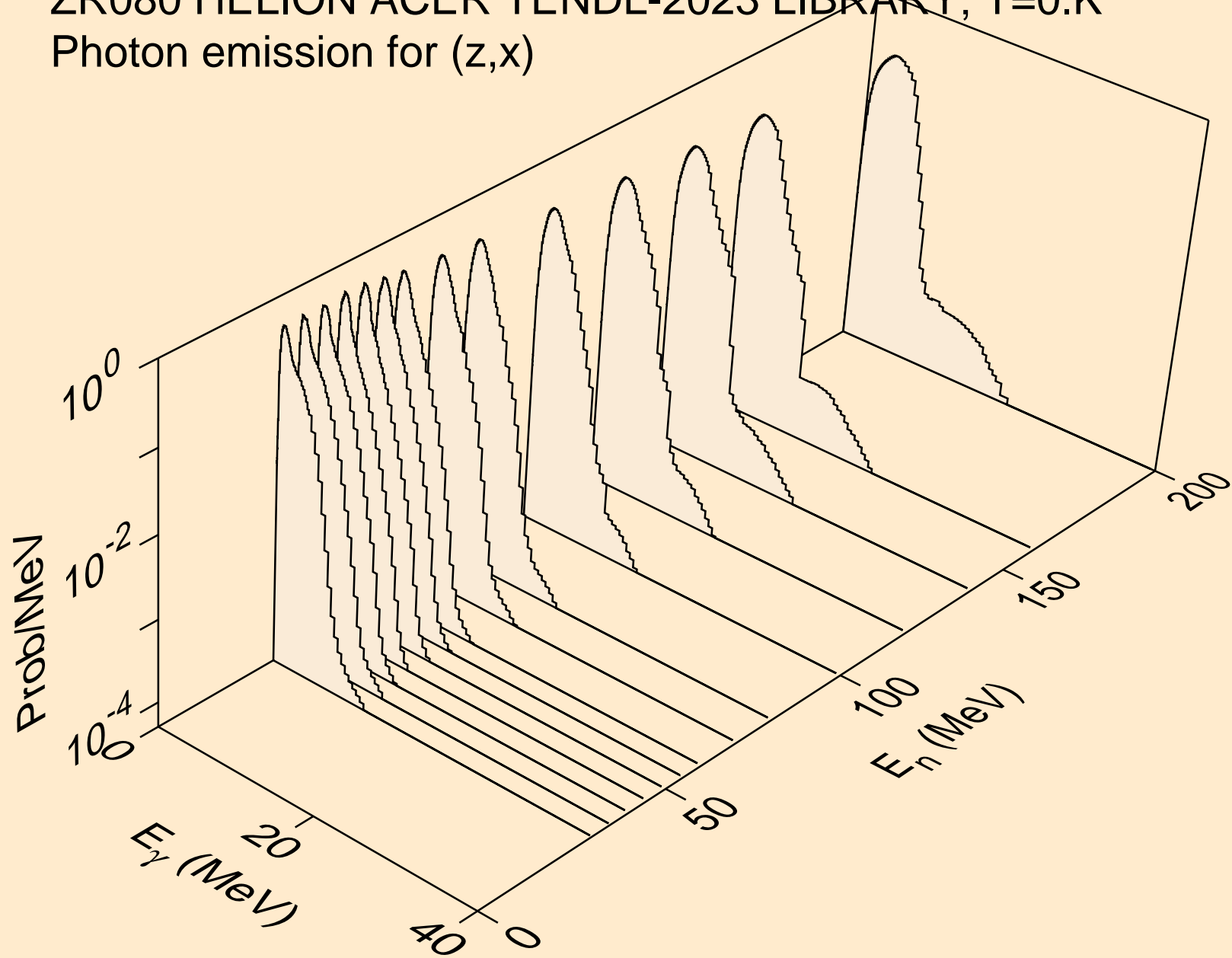
ZR080 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for inelastic



ZR080 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)

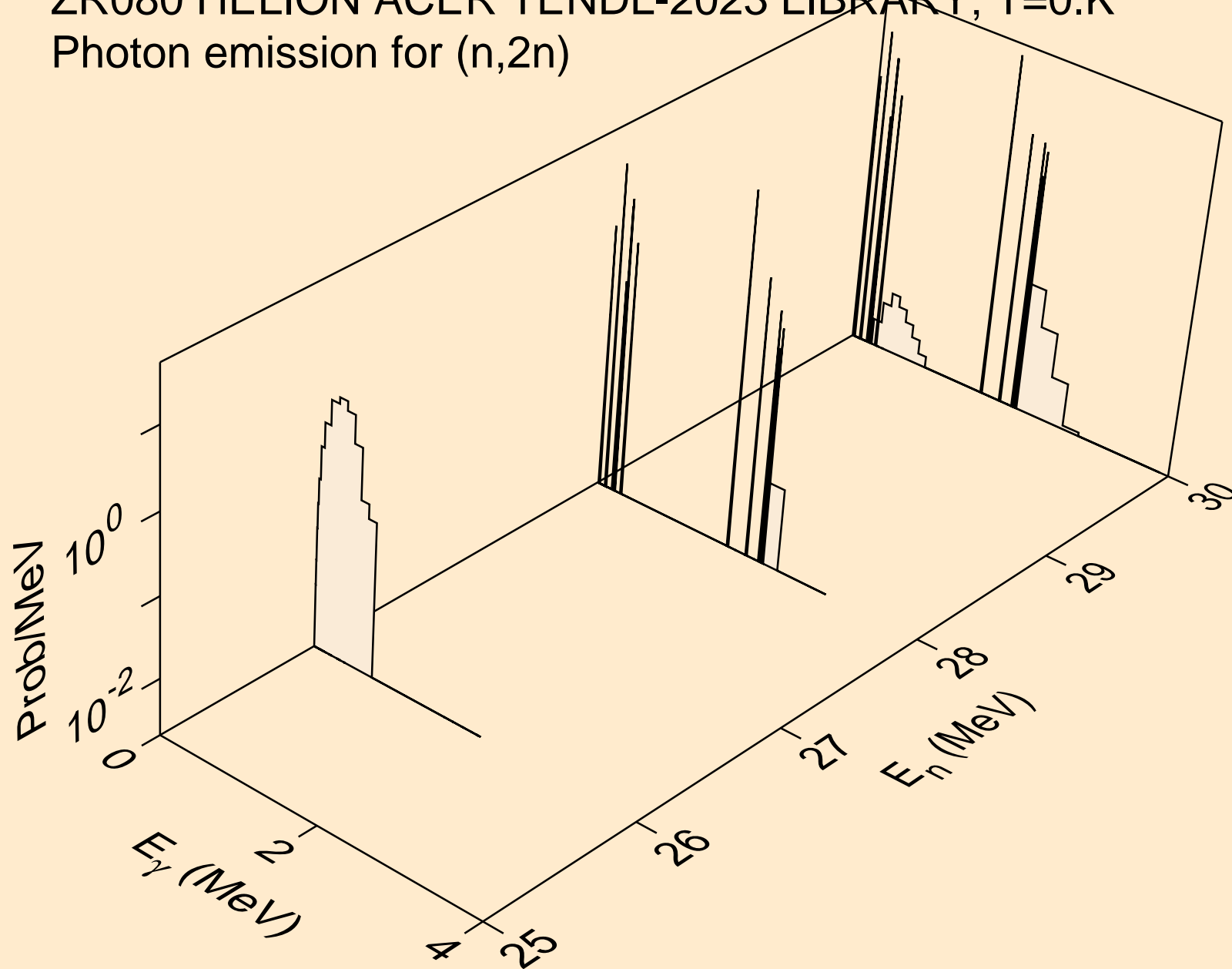


ZR080 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)

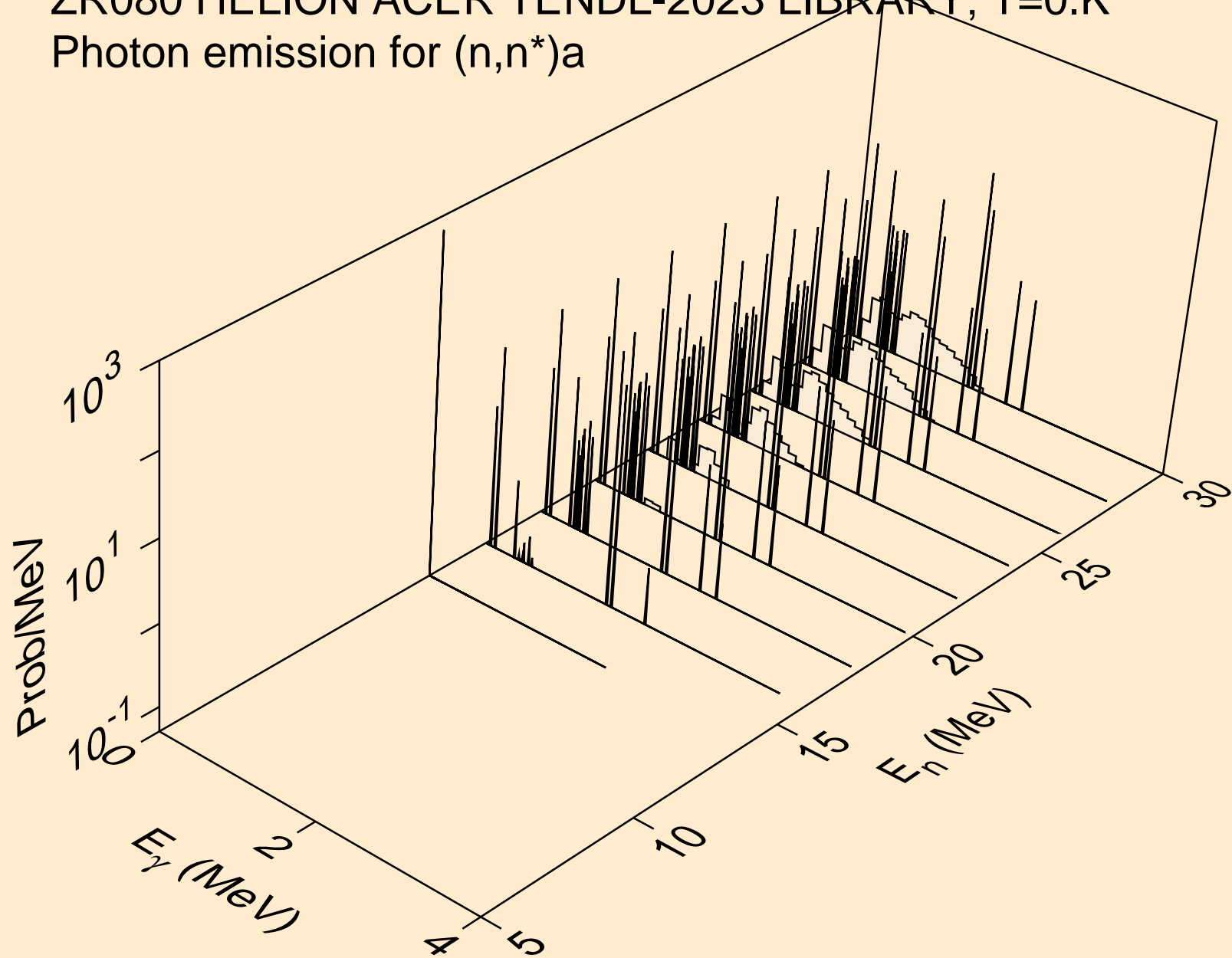




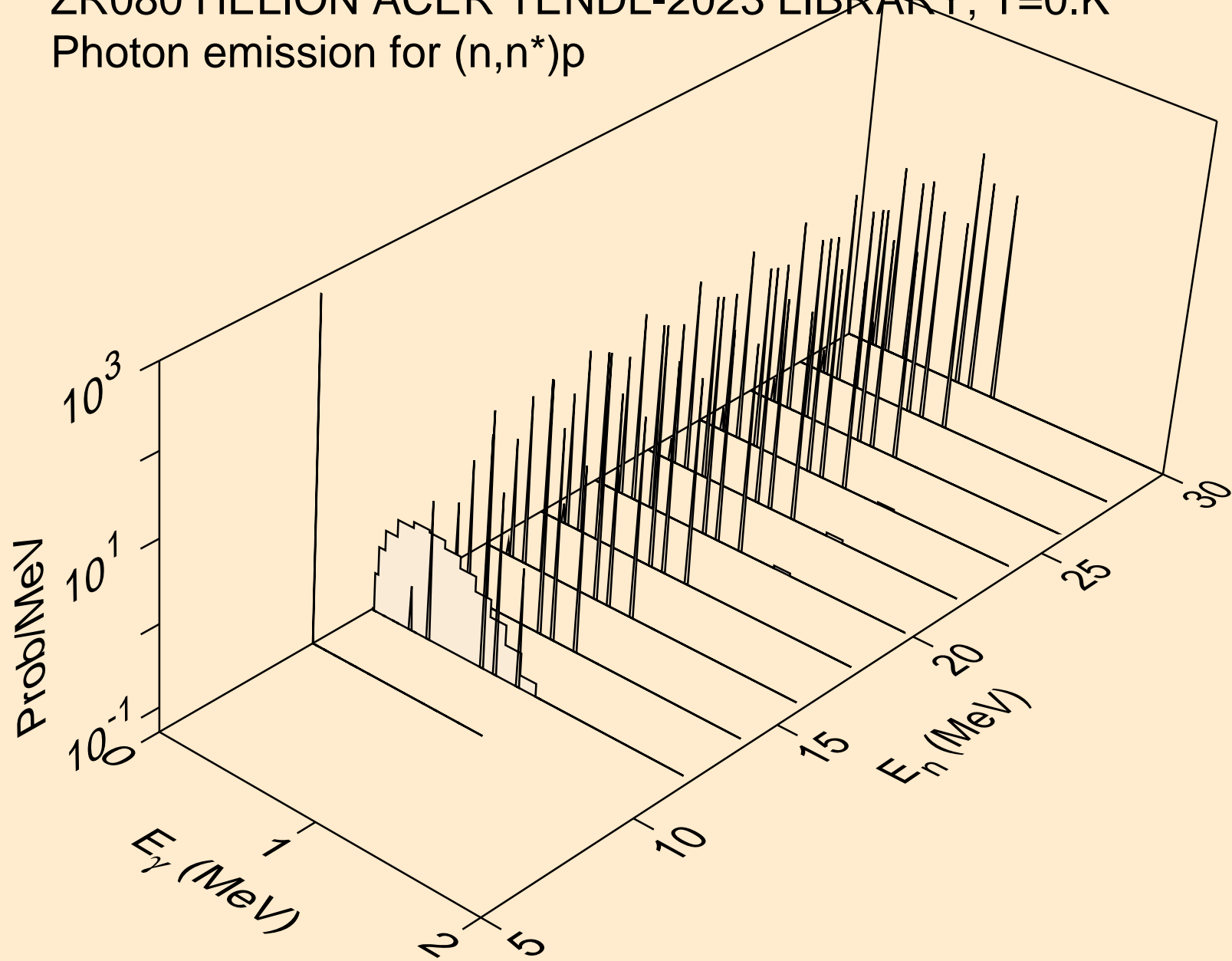
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Photon emission for (n,2n)



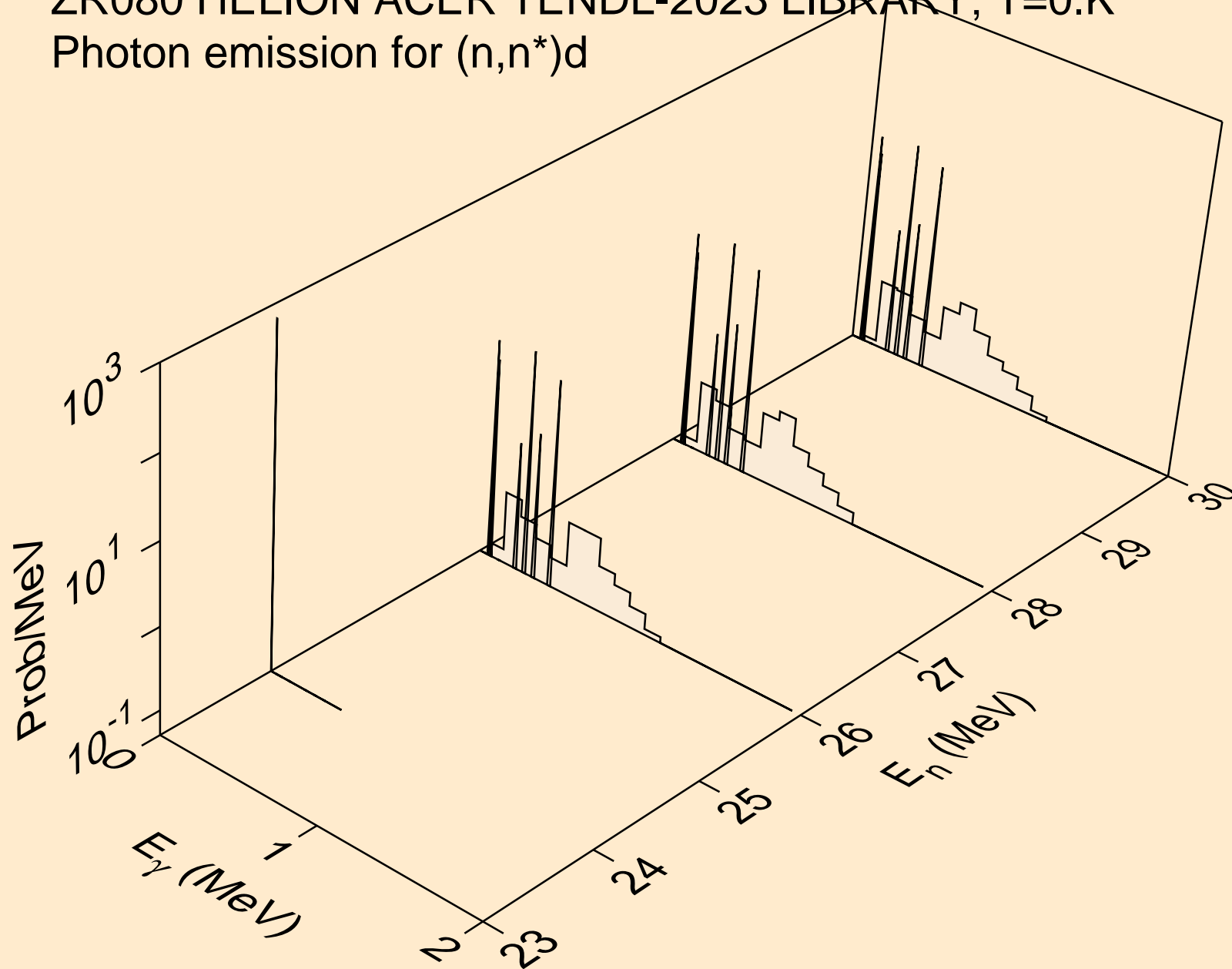
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Photon emission for (n,n\*)a



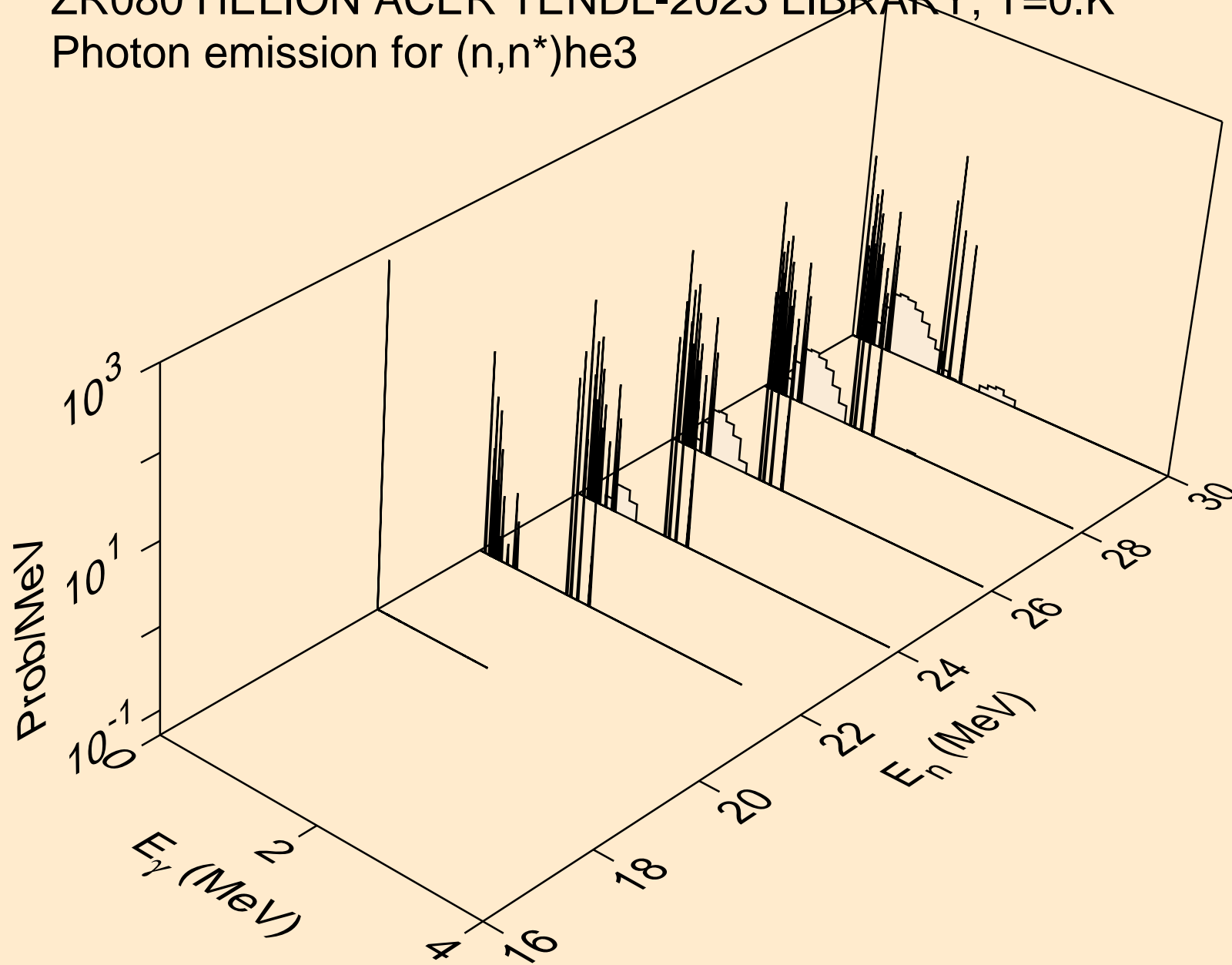
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Photon emission for (n,n\*)p



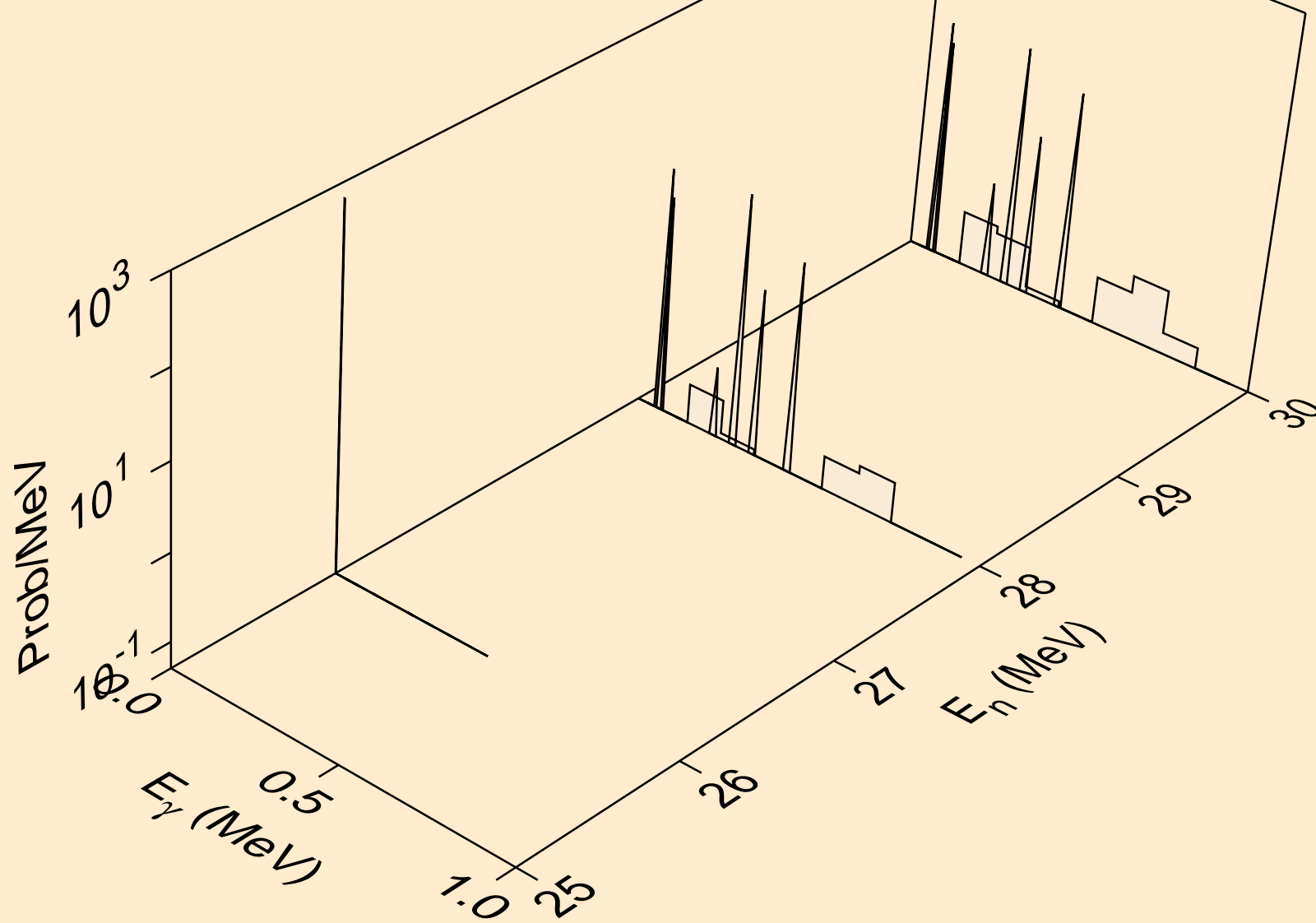
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Photon emission for (n,n\*)d



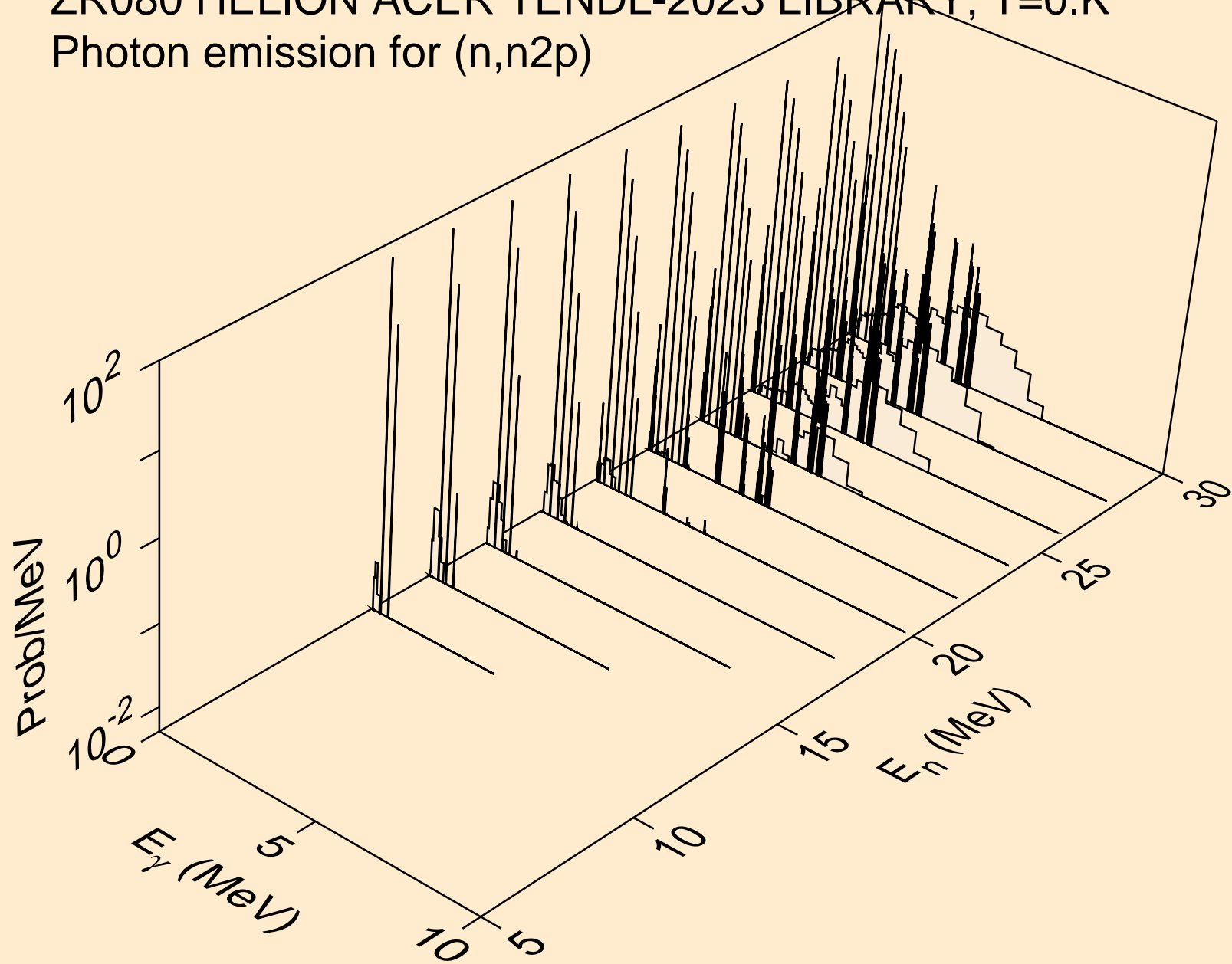
ZR080 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



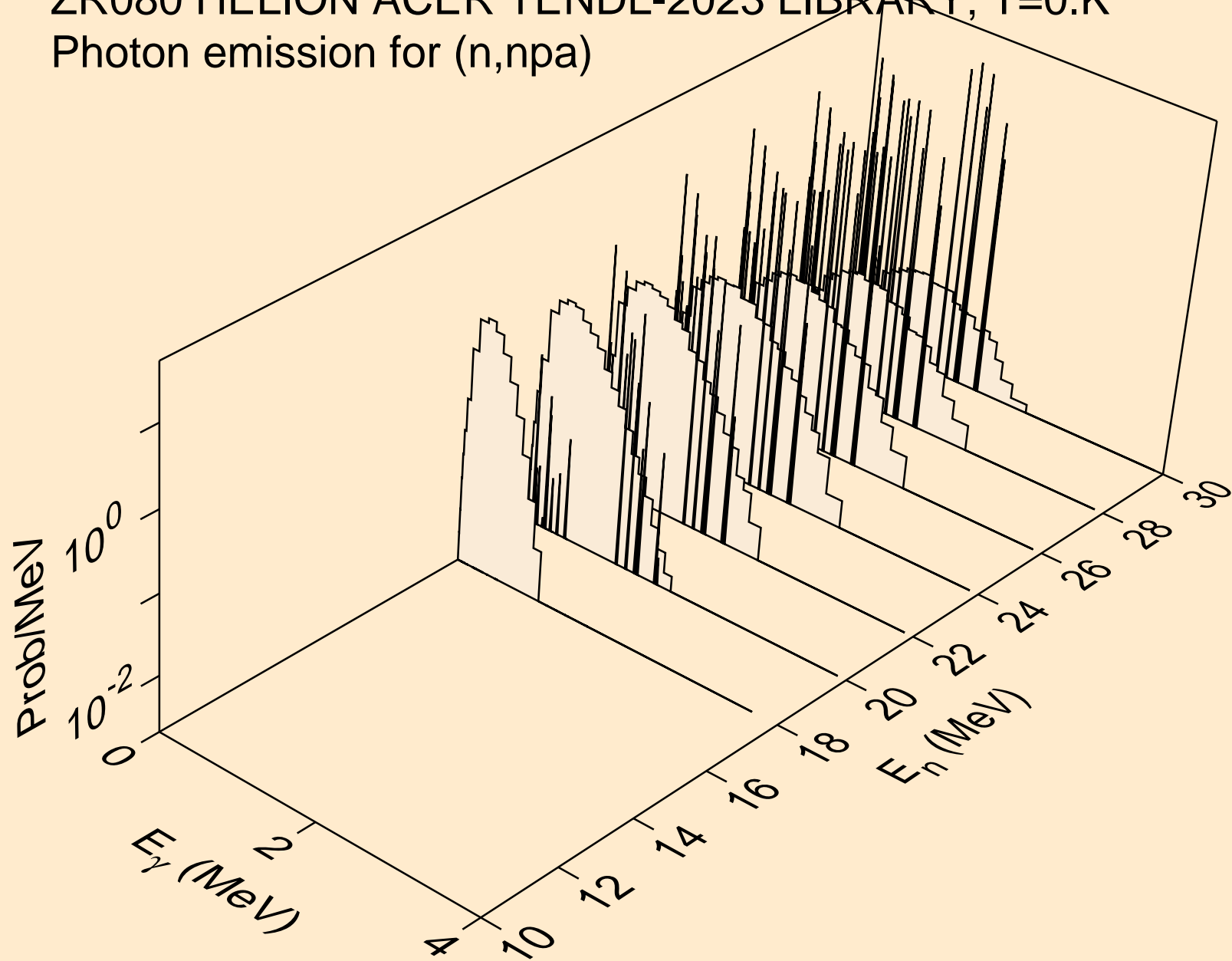
ZR080 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



ZR080 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)

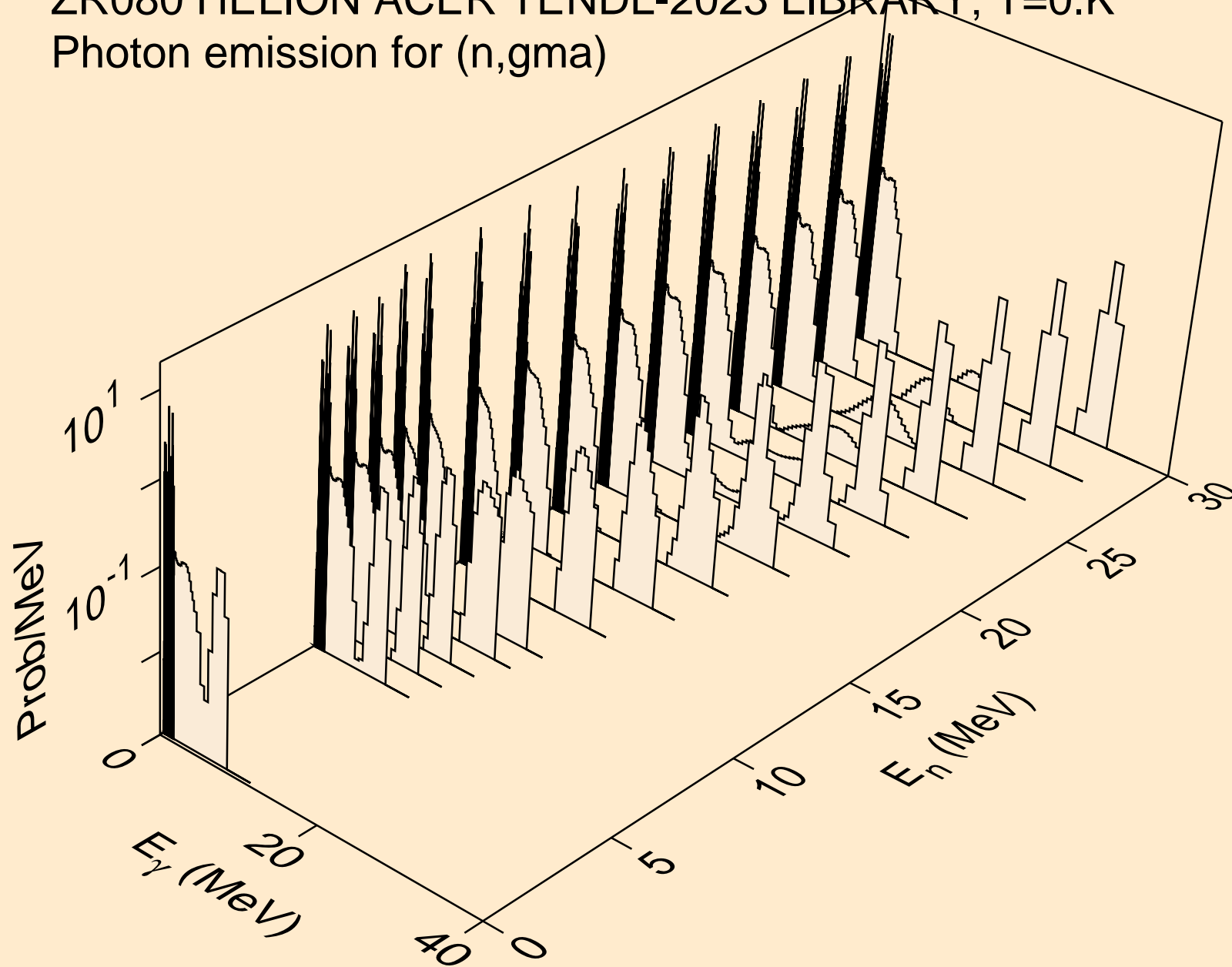


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Photon emission for (n,npa)

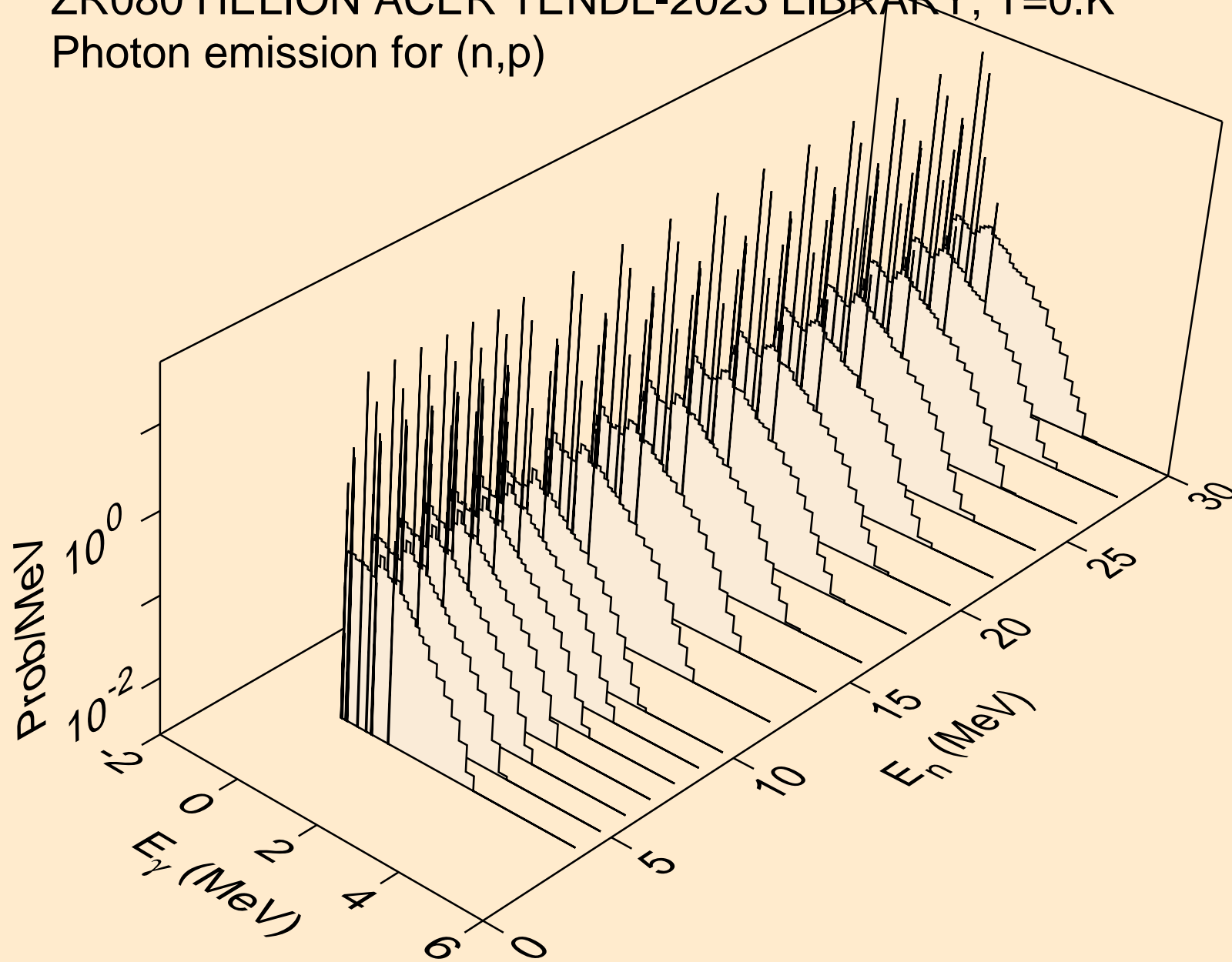




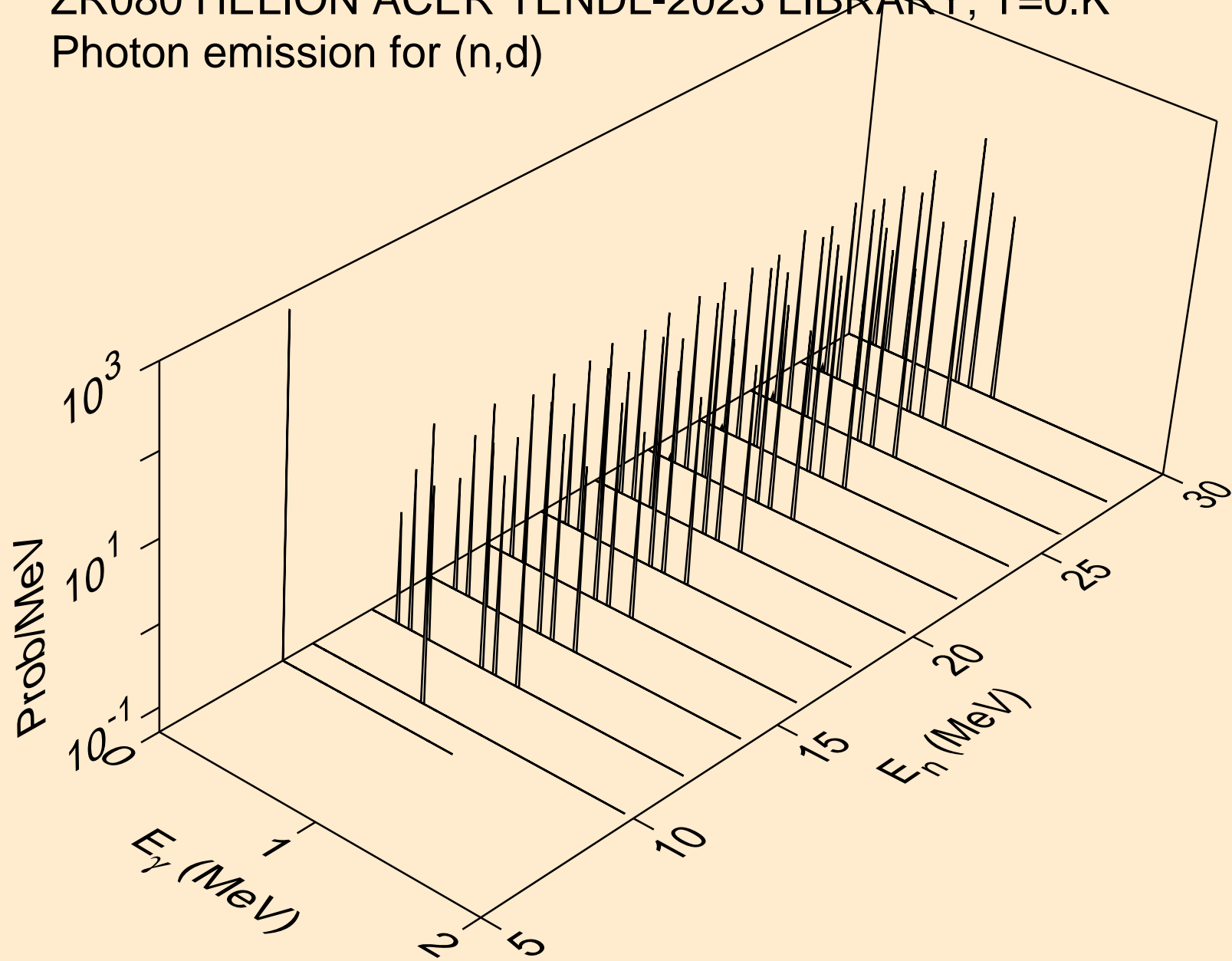
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Photon emission for (n,gma)



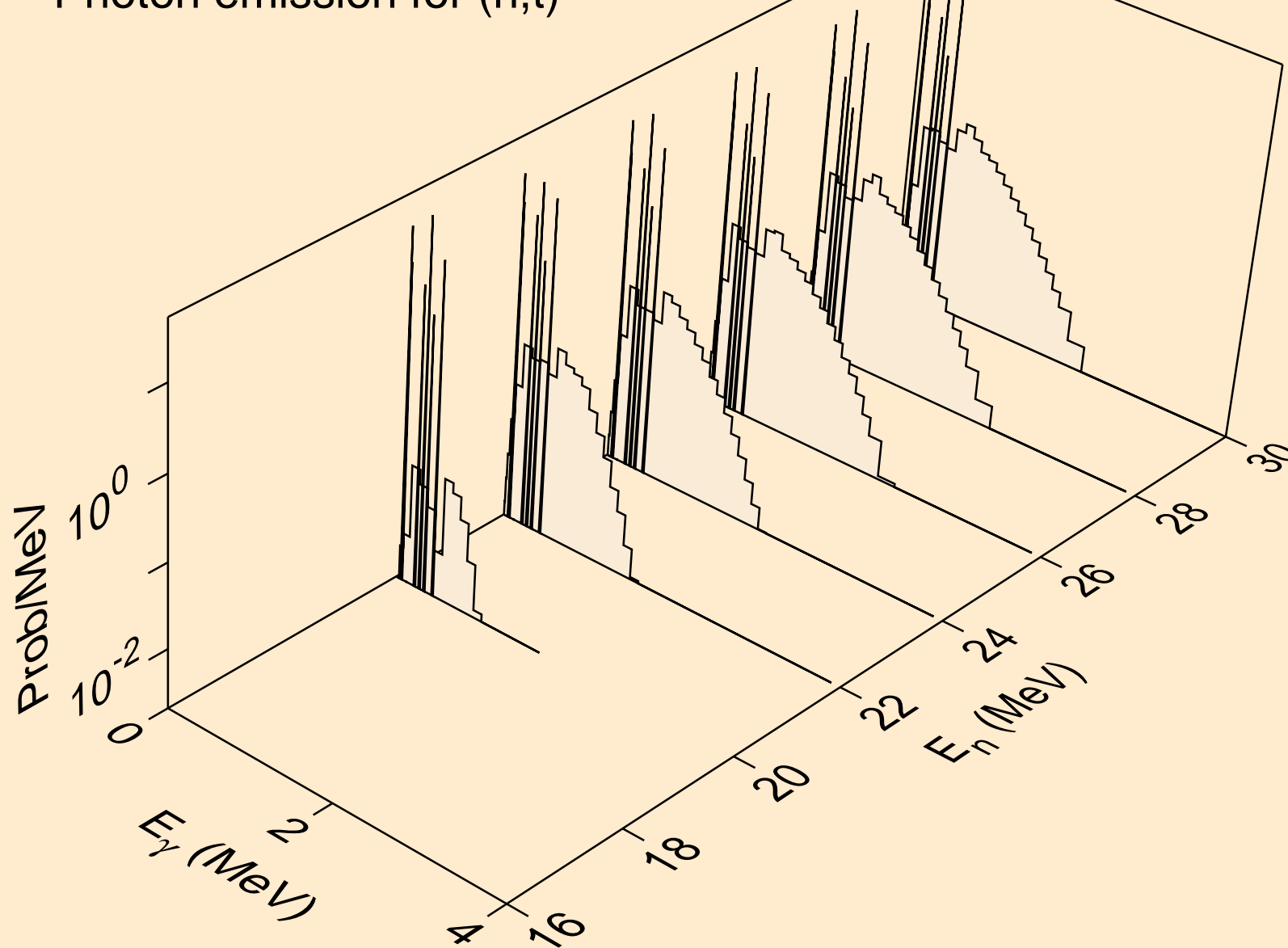
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Photon emission for (n,p)



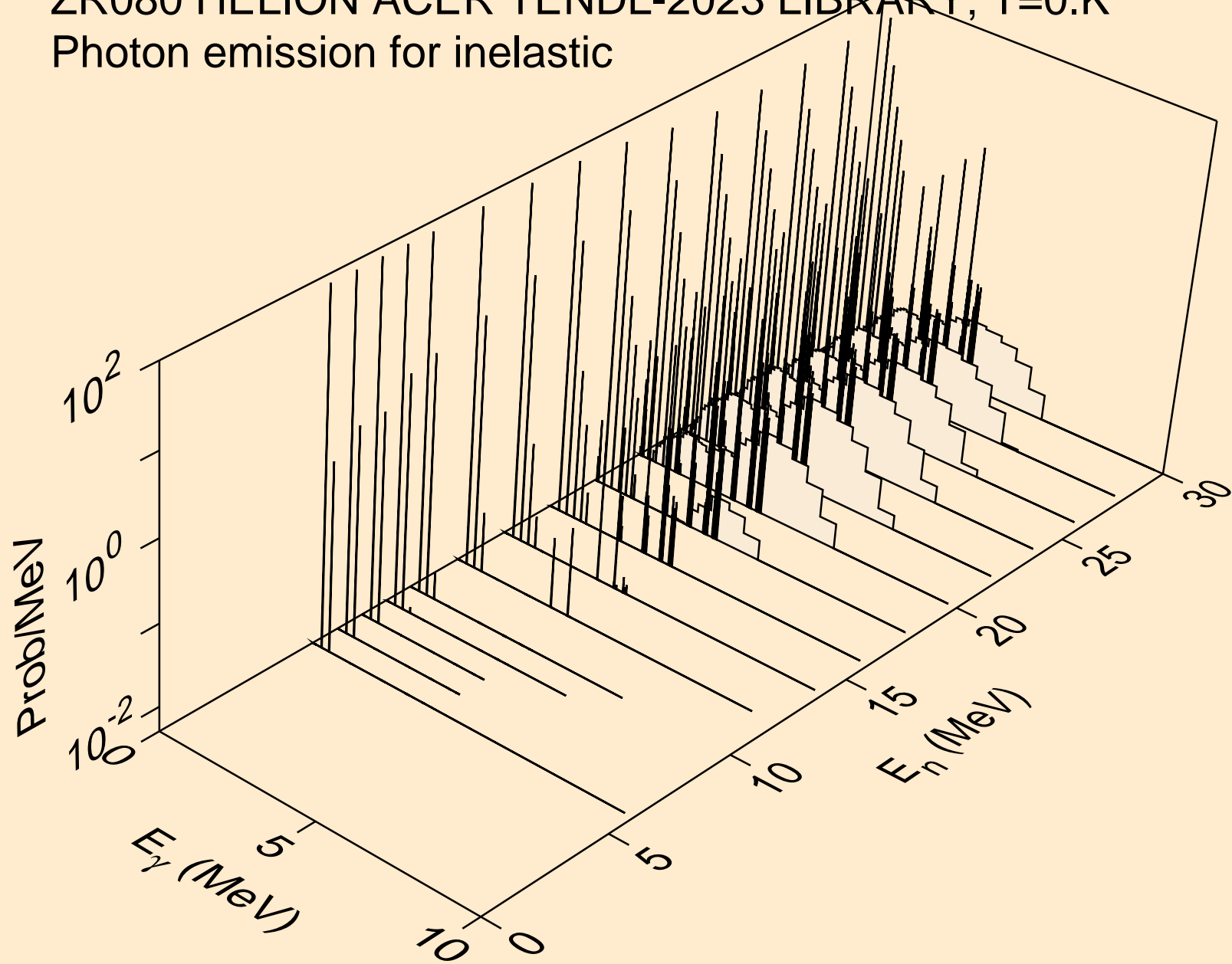
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Photon emission for (n,d)



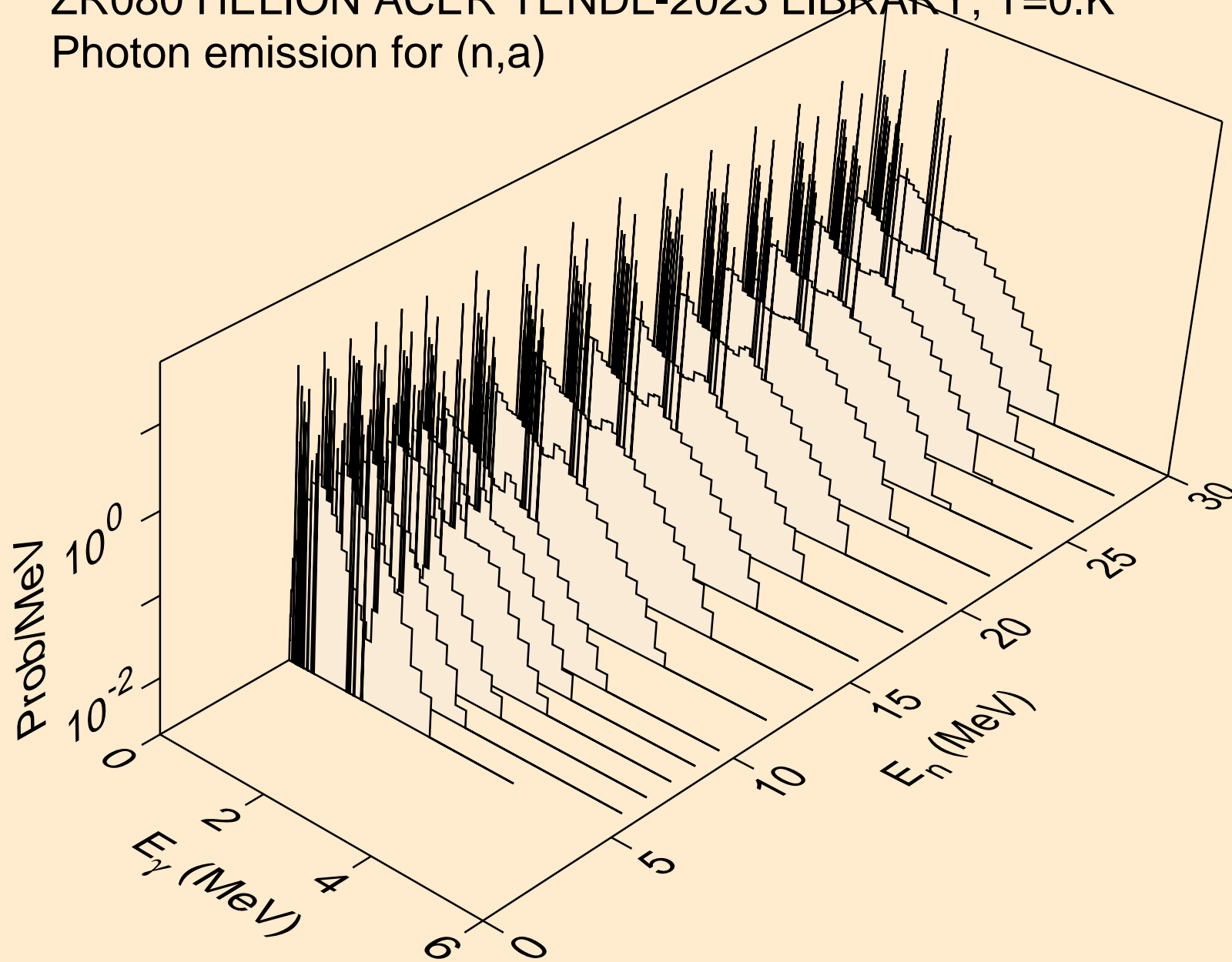
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Photon emission for (n,t)



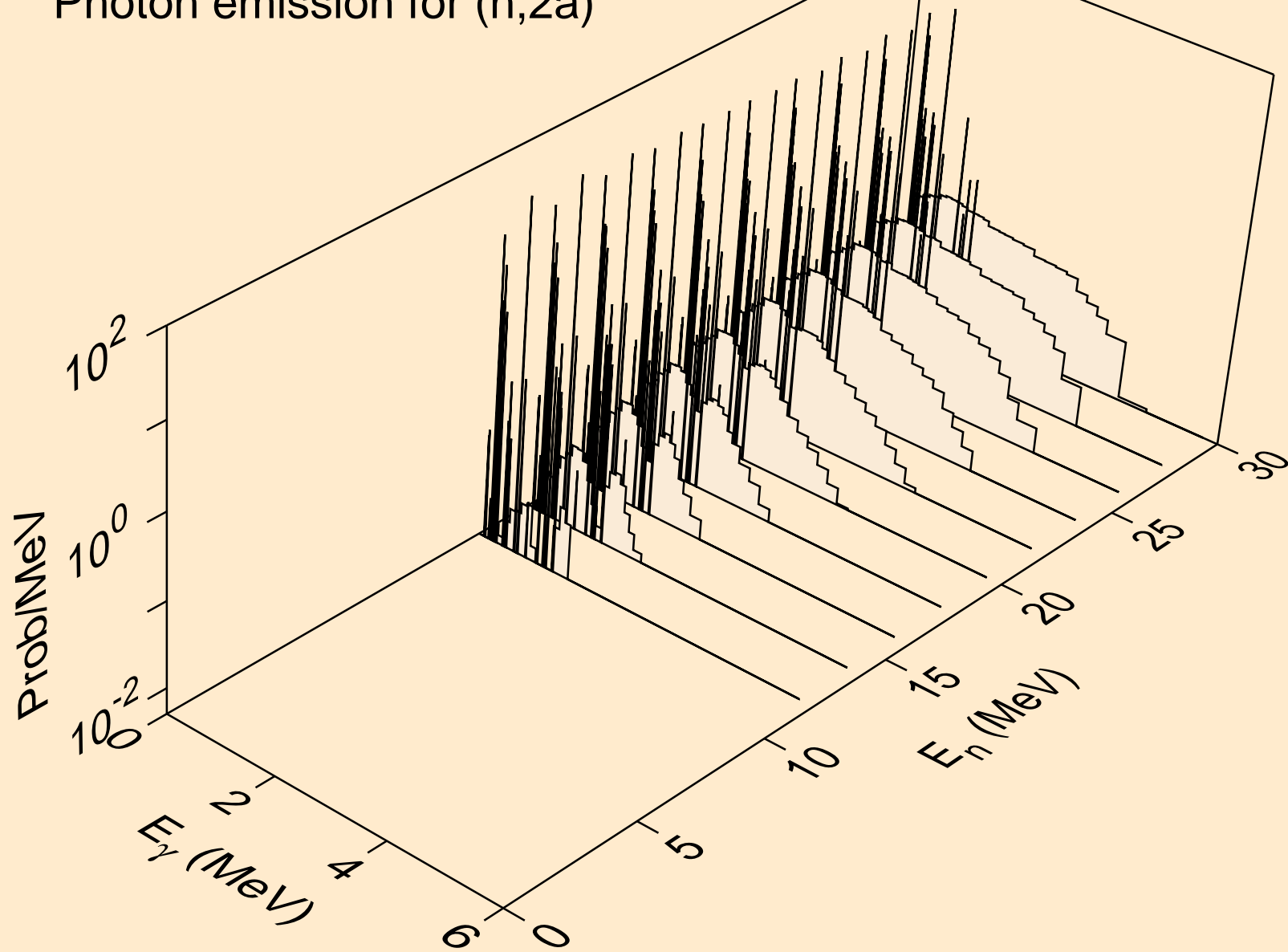
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Photon emission for inelastic



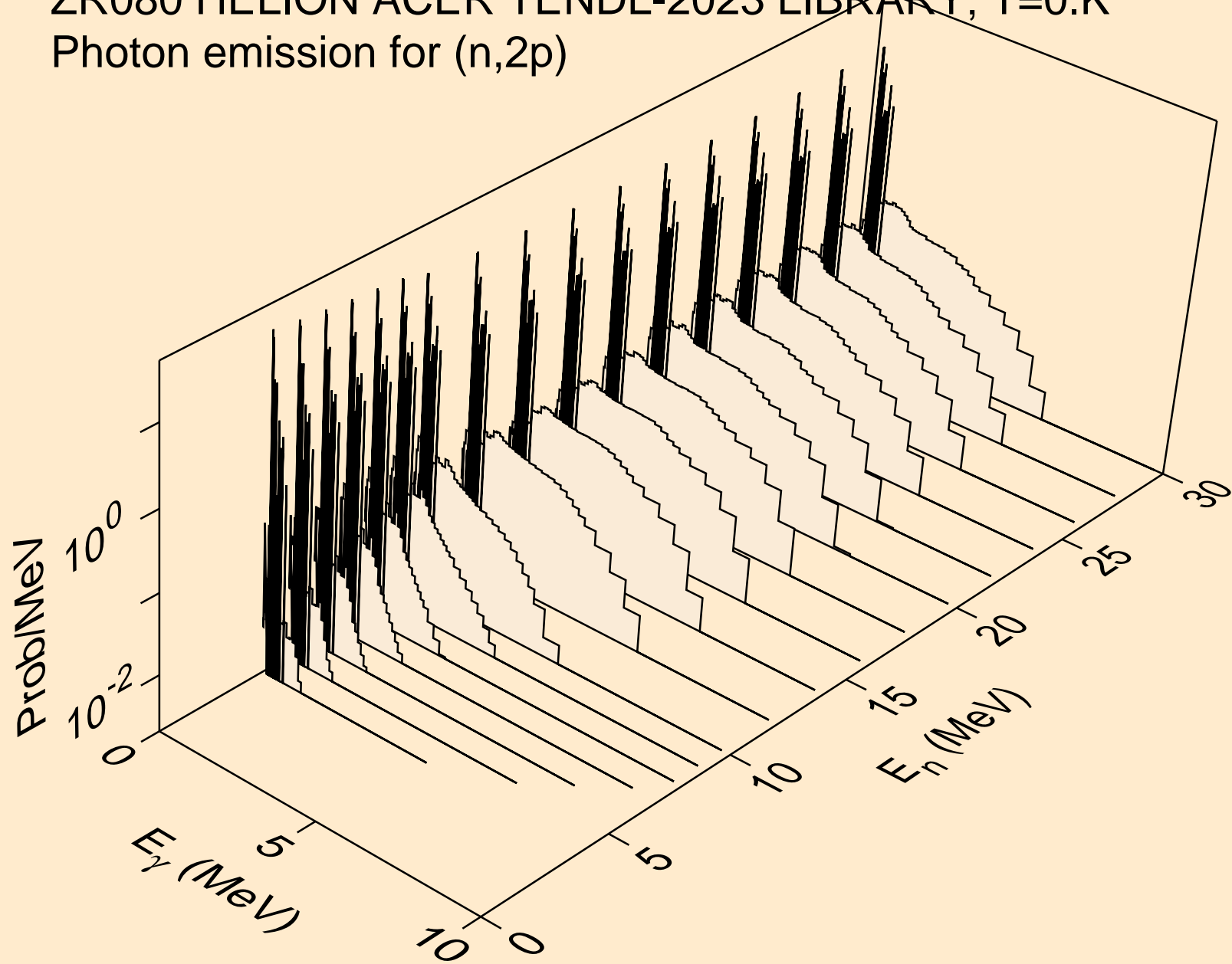
ZR080 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



ZR080 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)

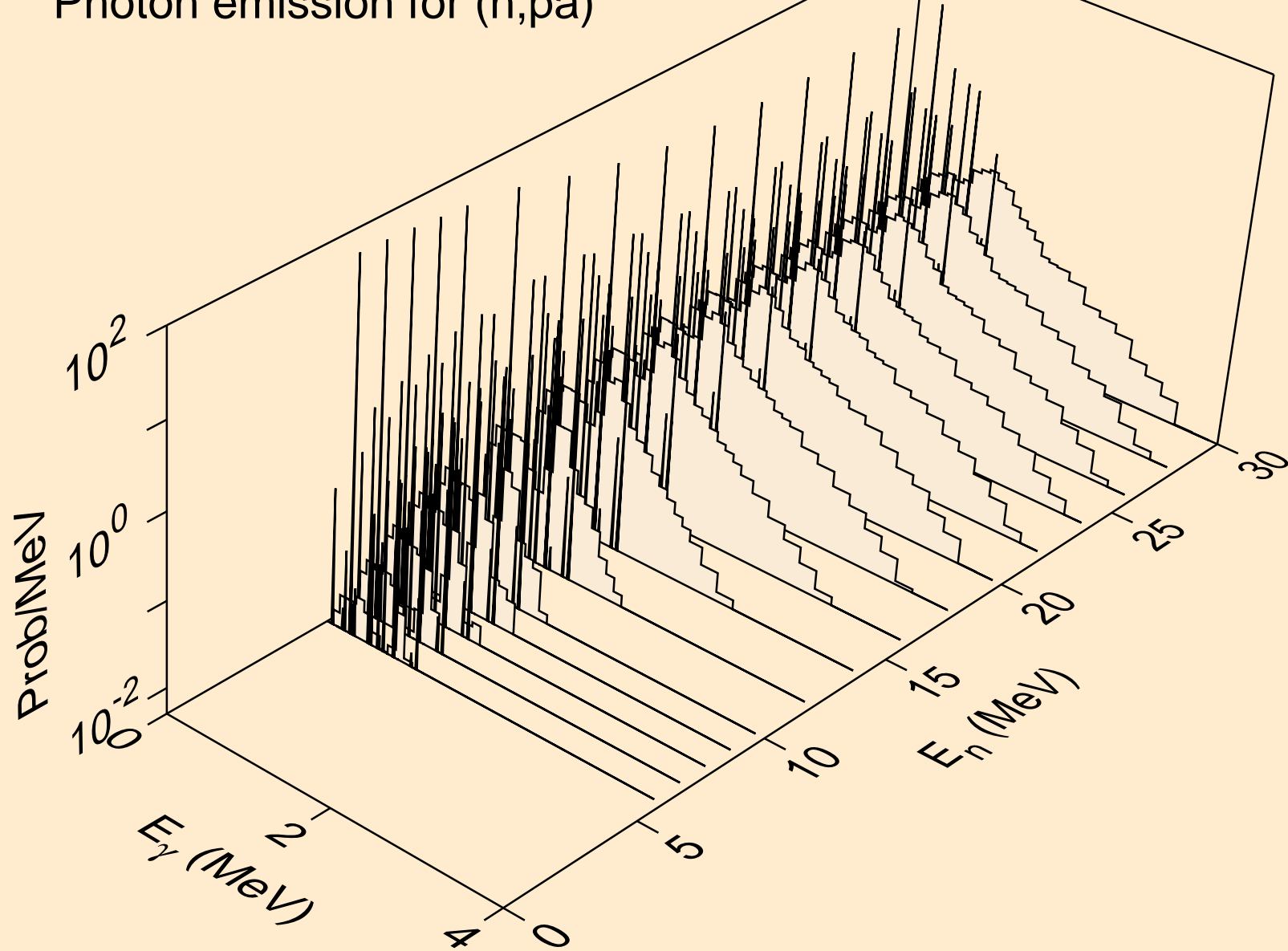


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Photon emission for (n,2p)

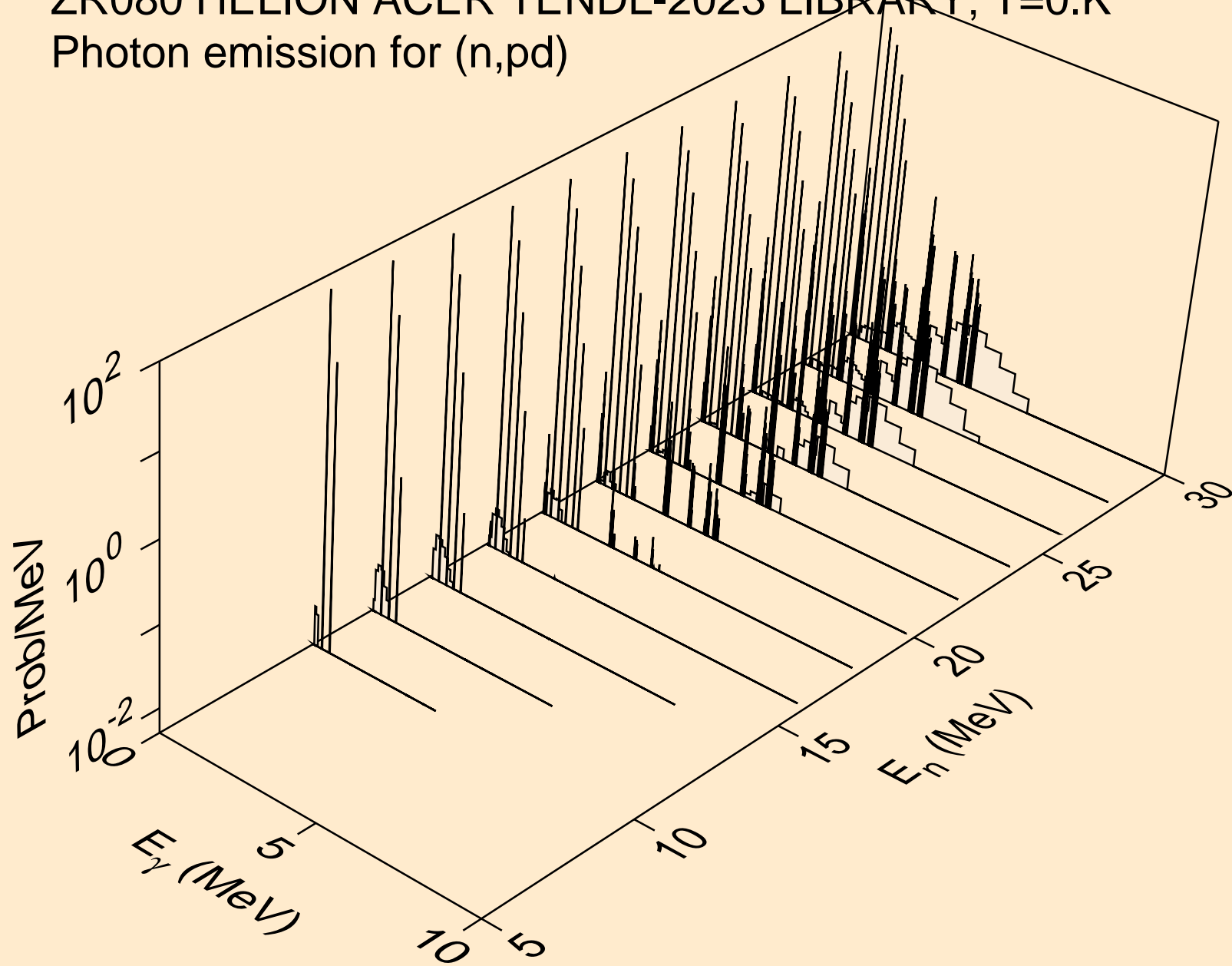




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Photon emission for (n,pa)

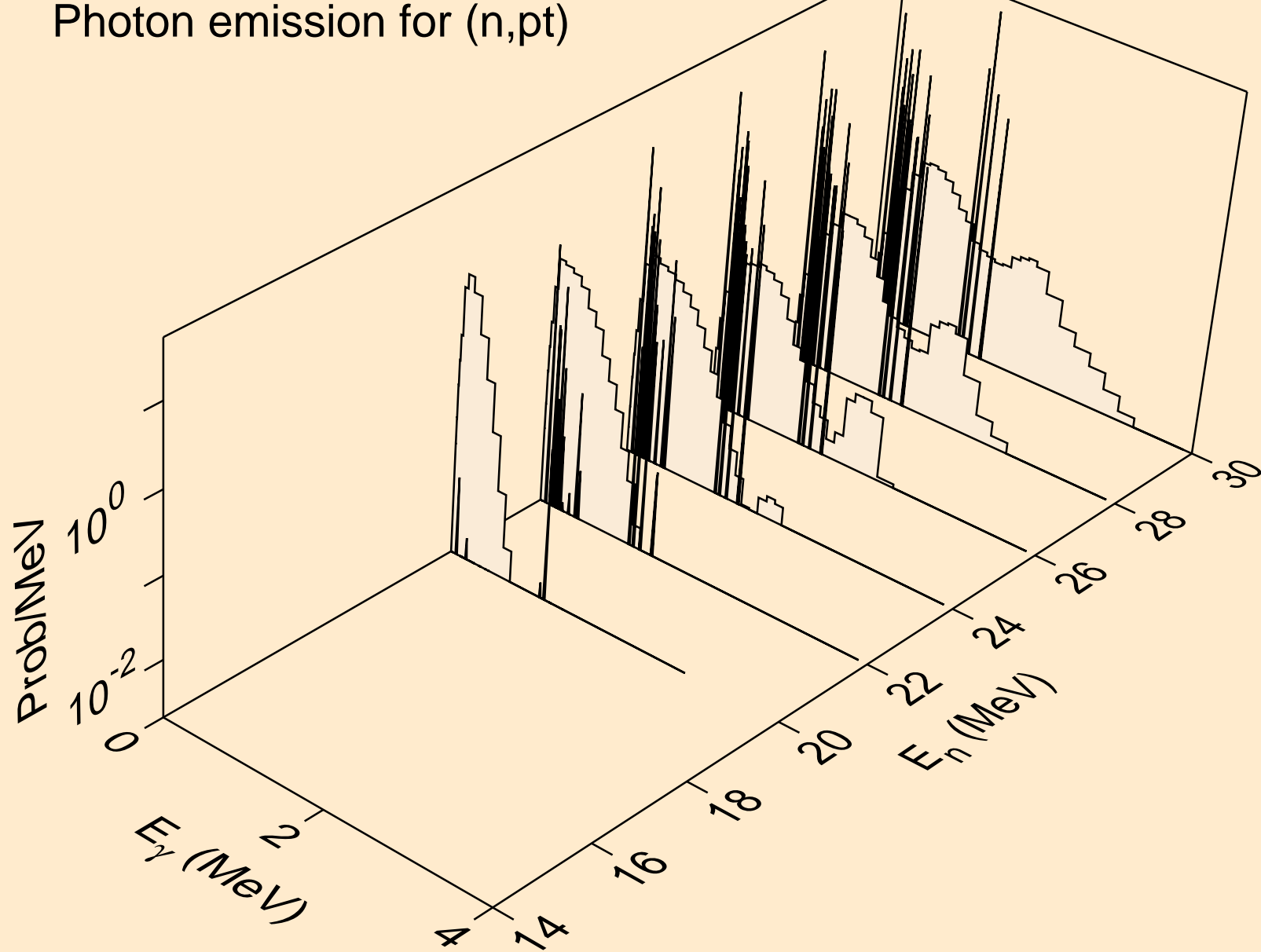


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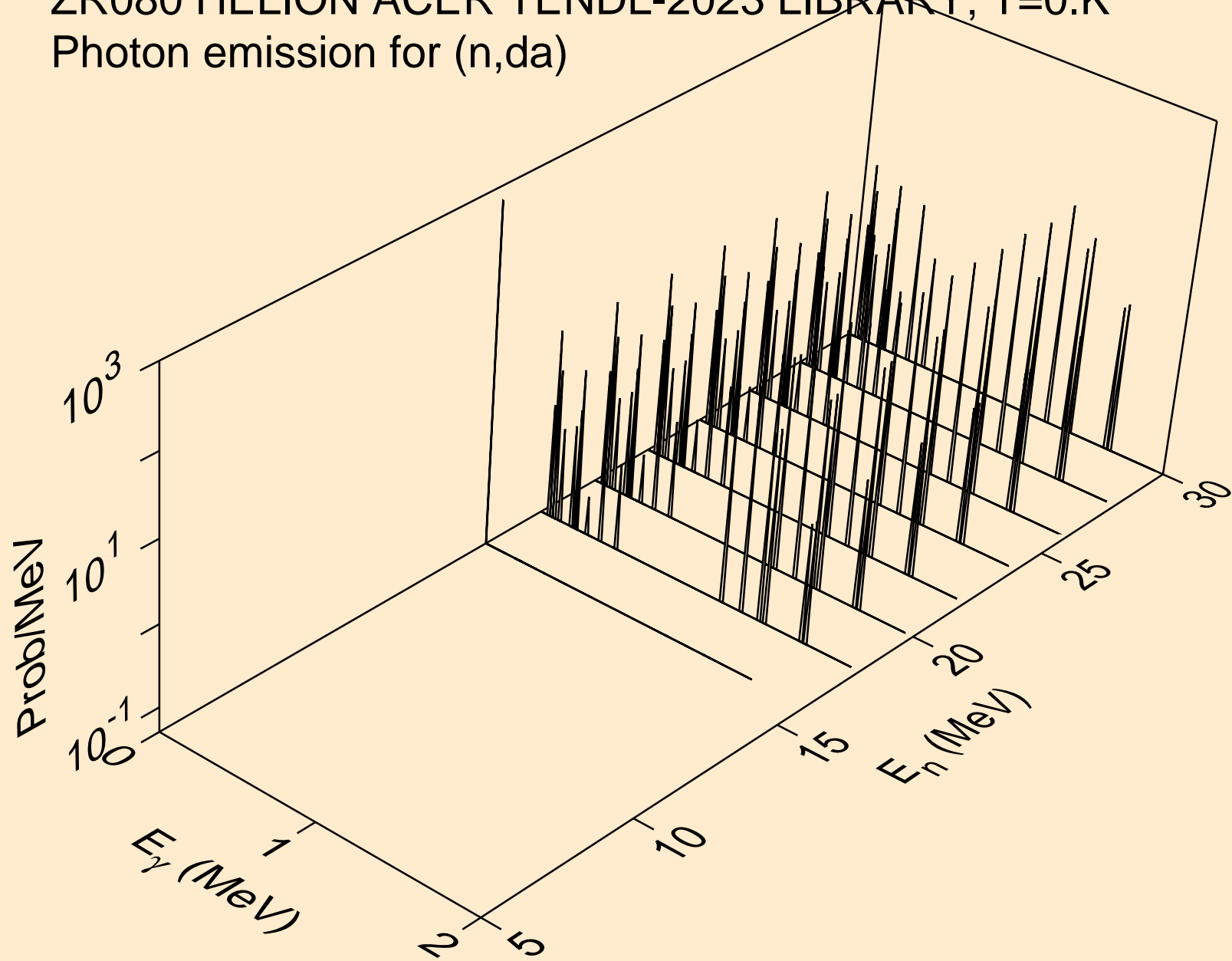


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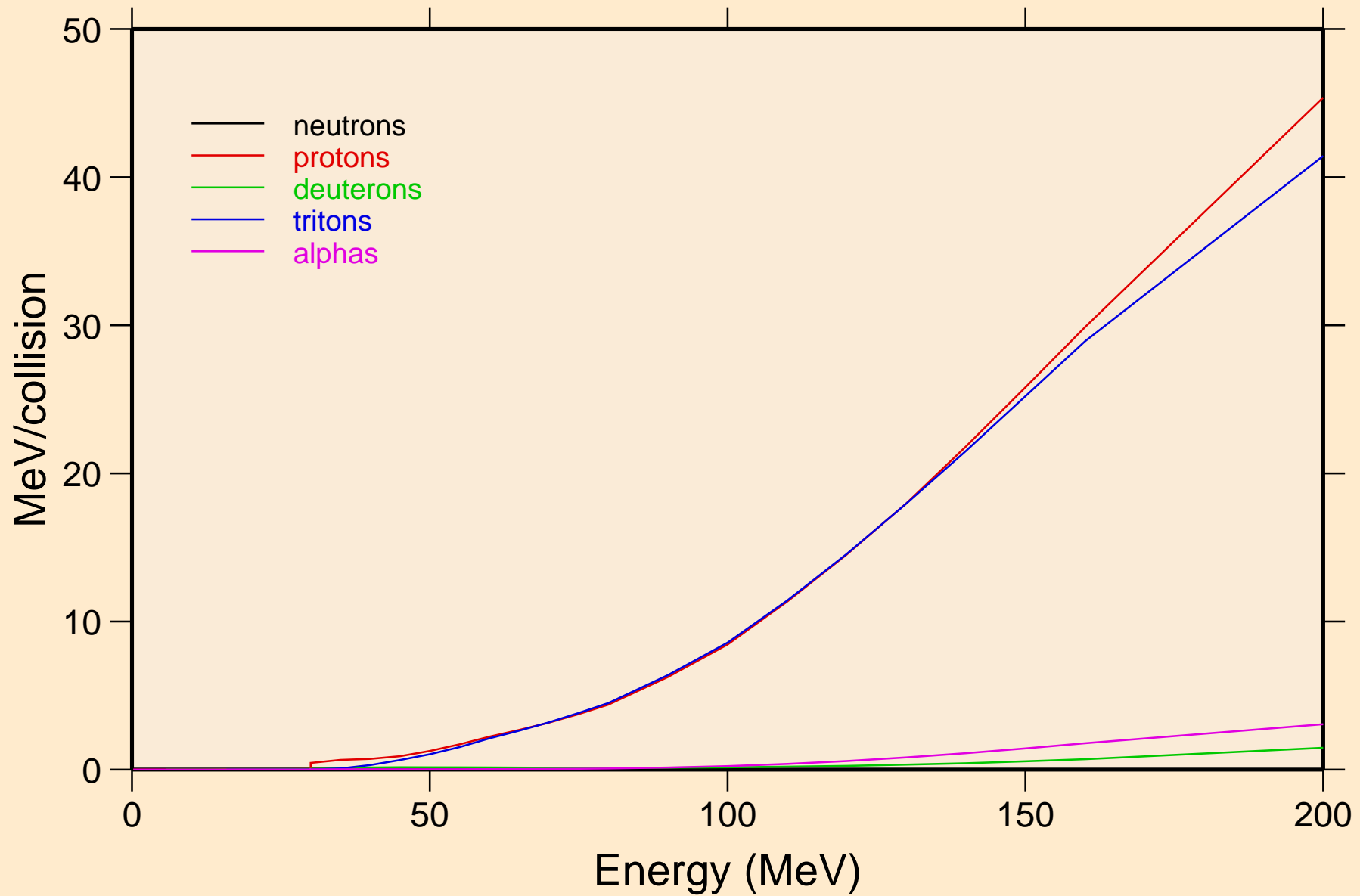
Photon emission for (n,pt)



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Photon emission for (n,da)

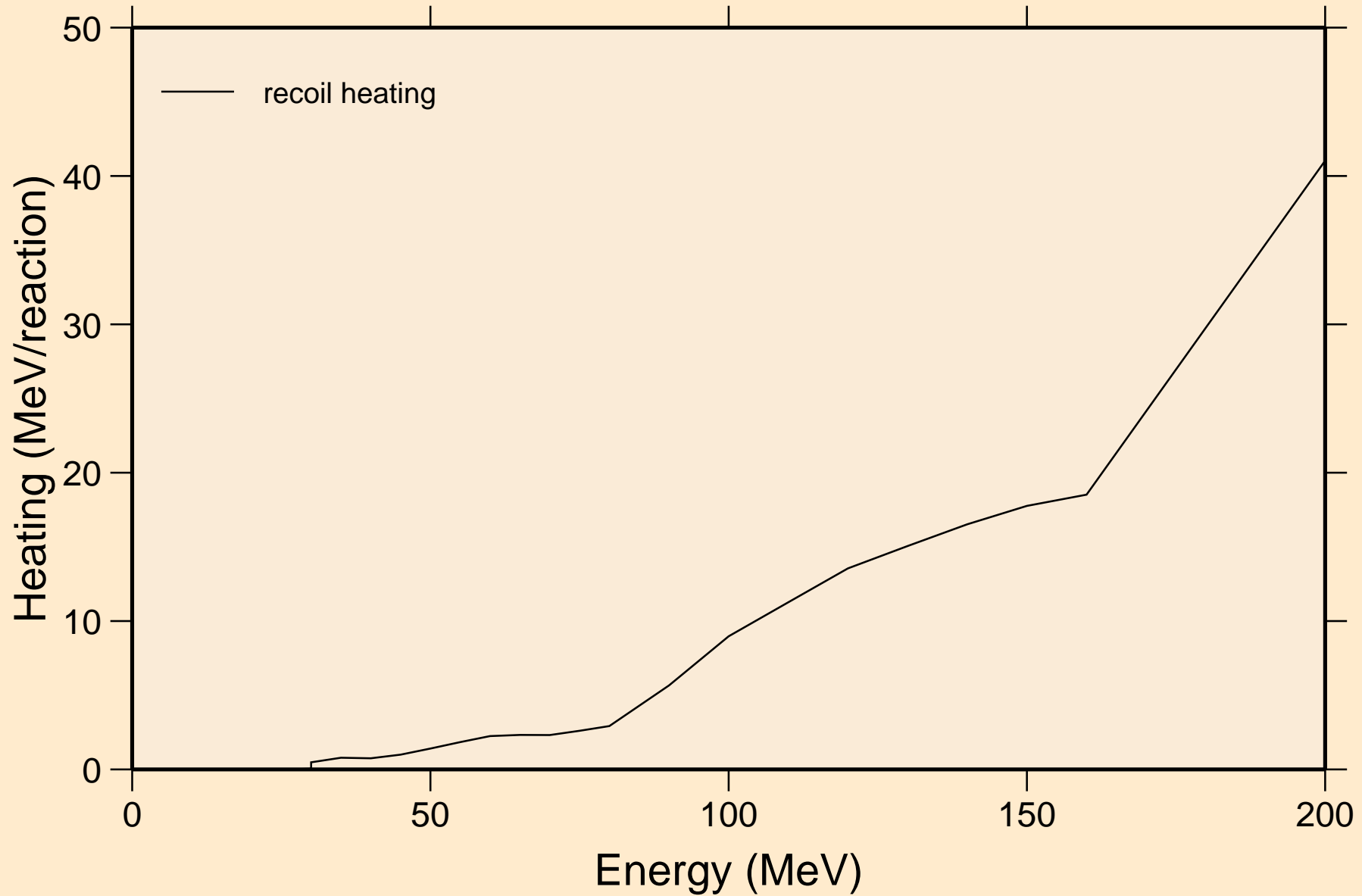


ZR080 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions

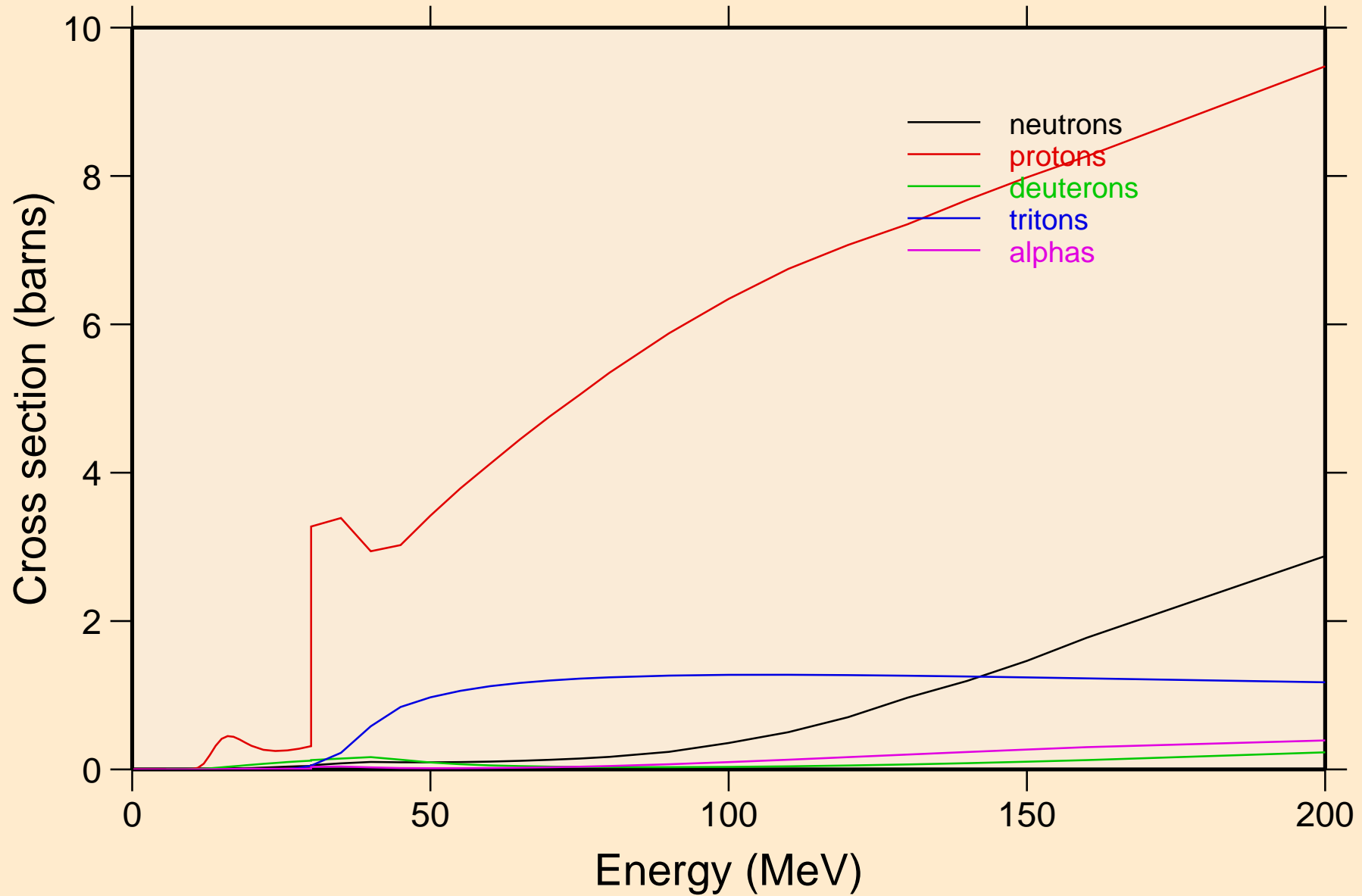


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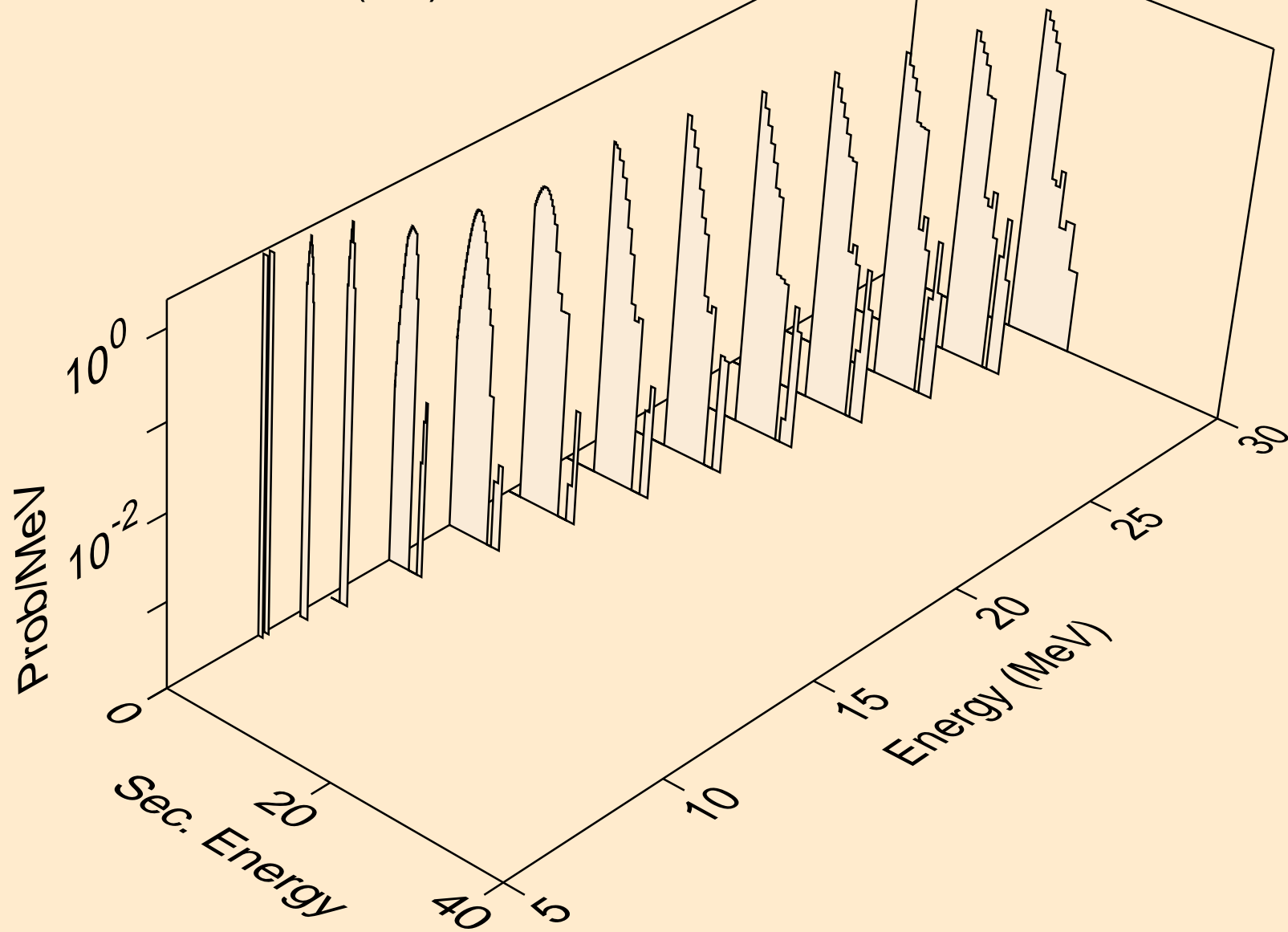
Recoil Heating



ZR080 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections

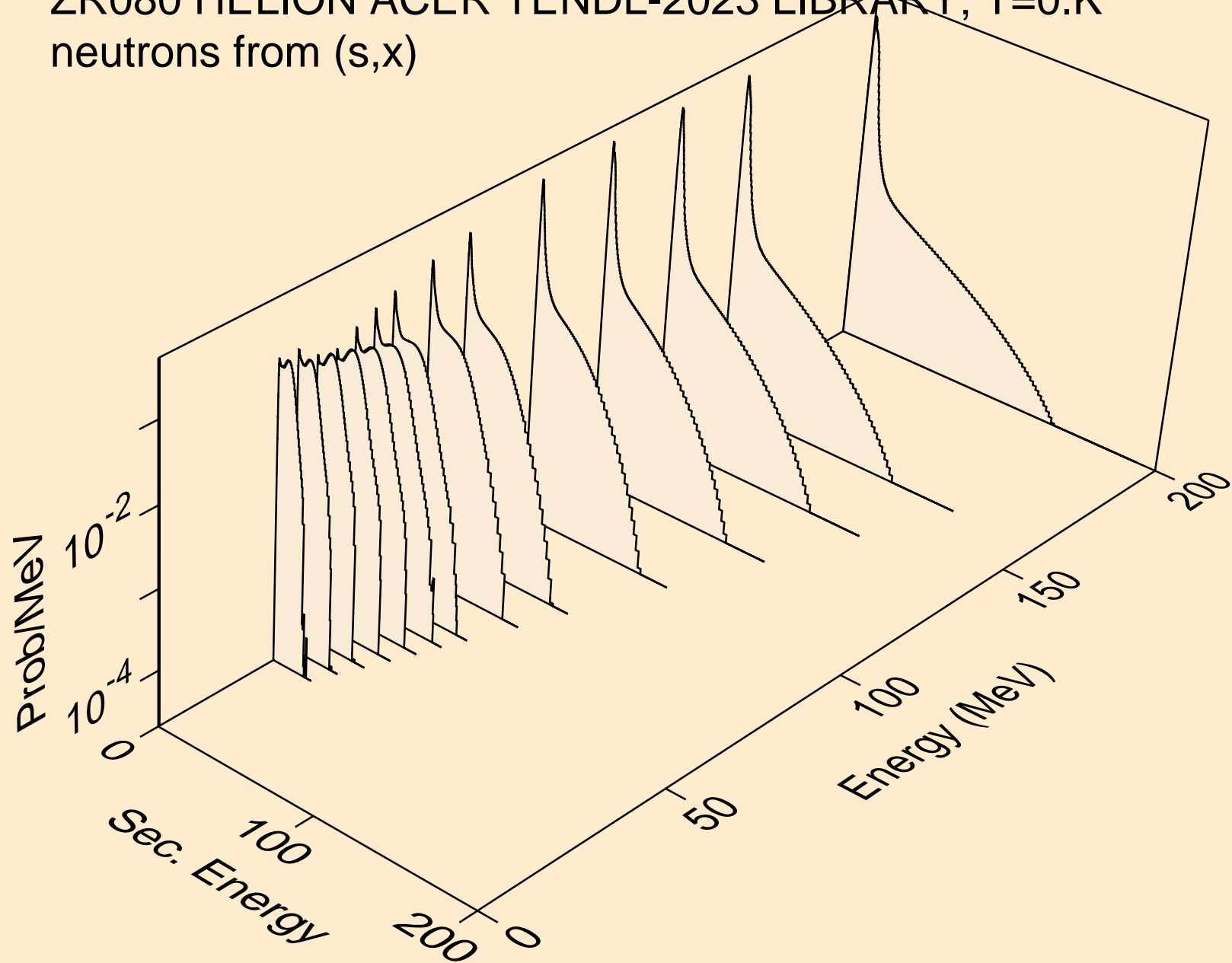


ZR080 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n)

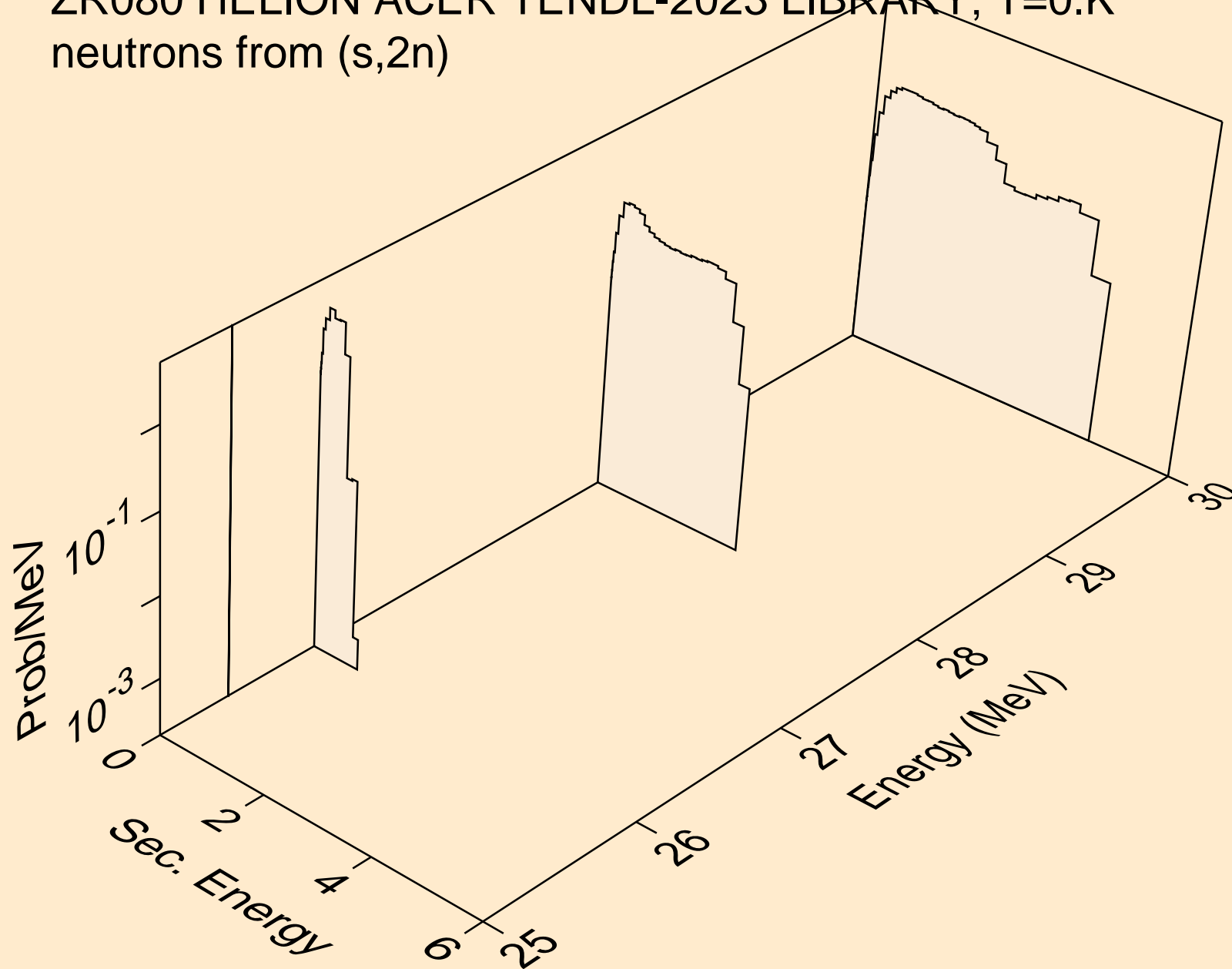




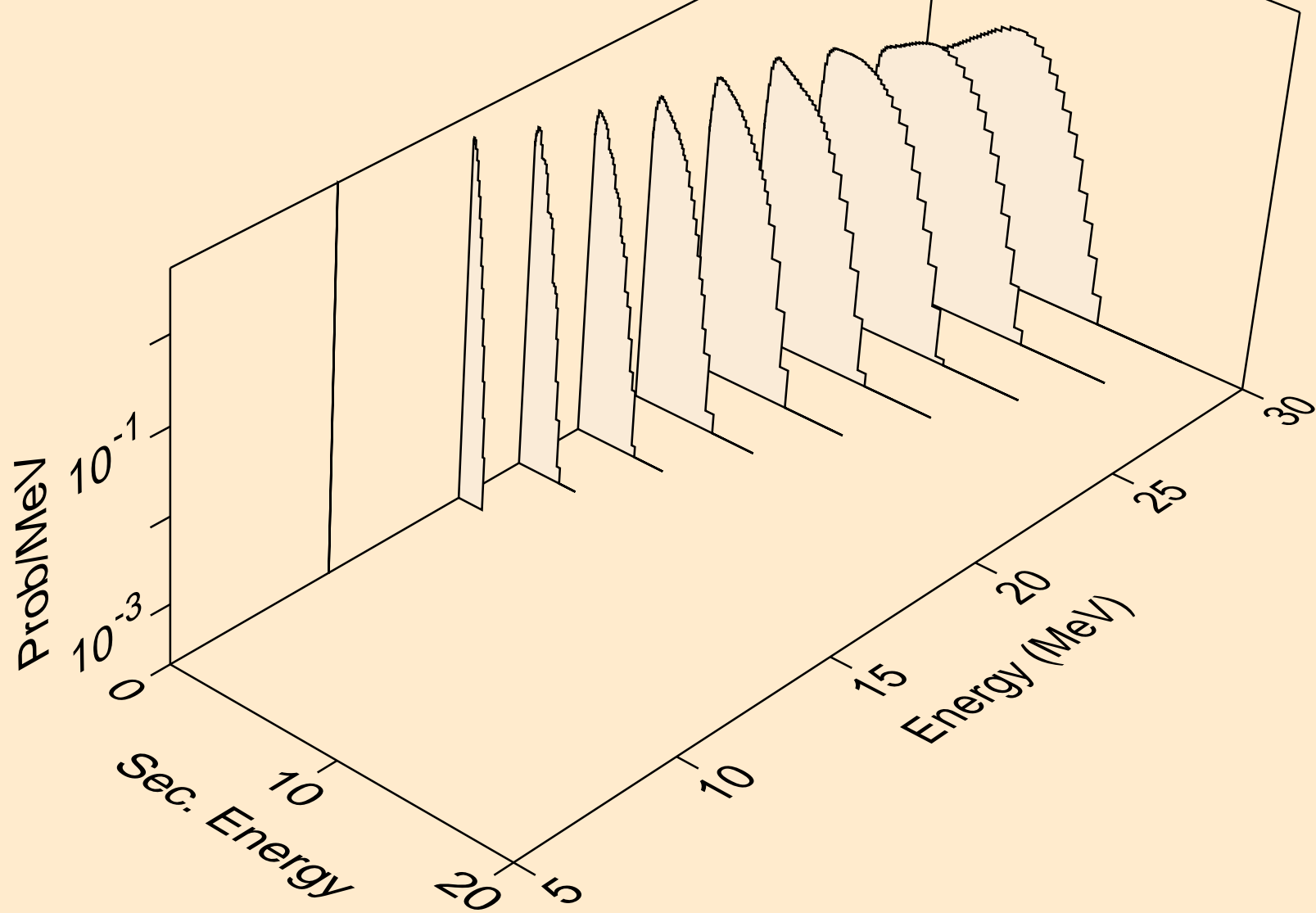
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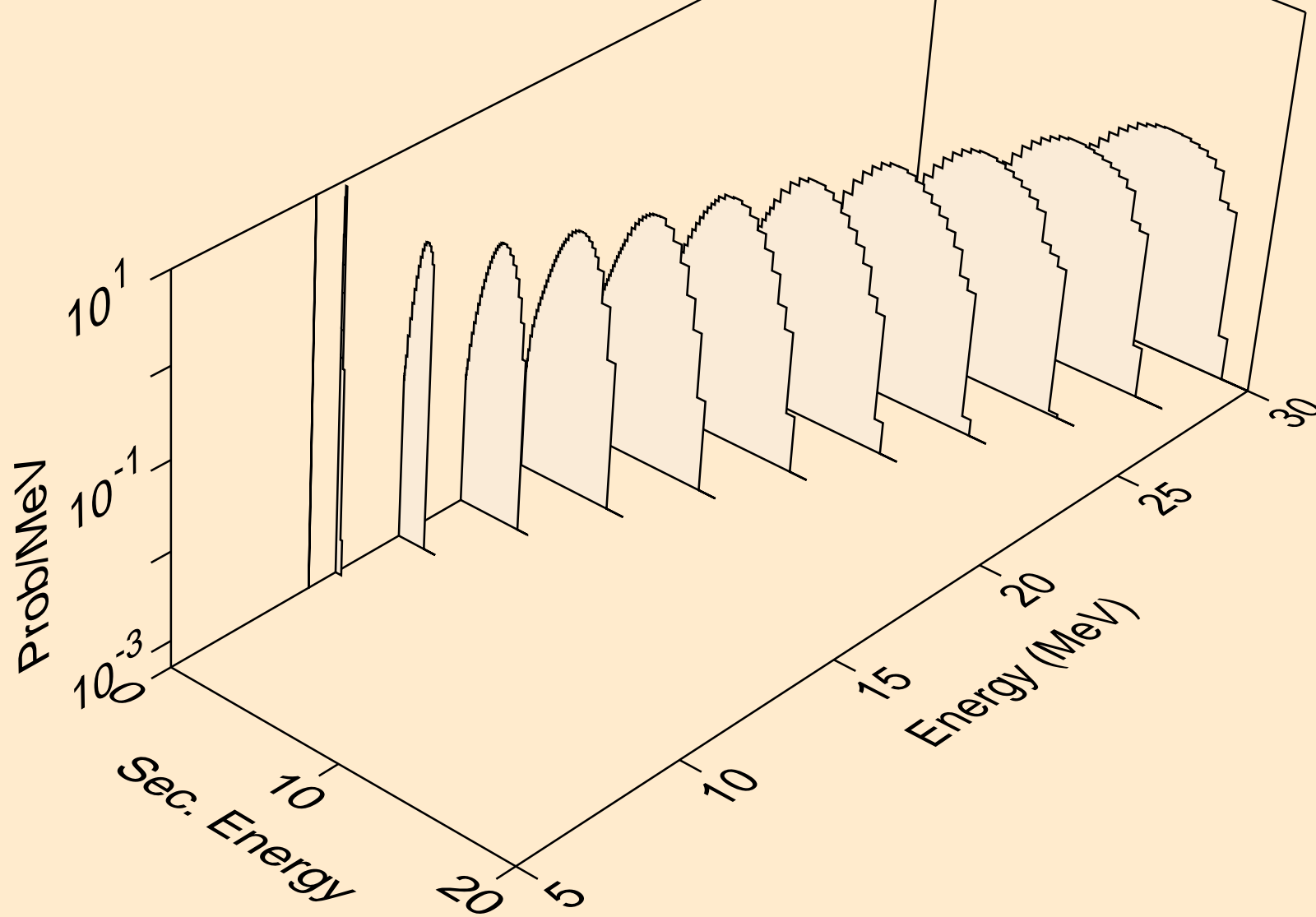
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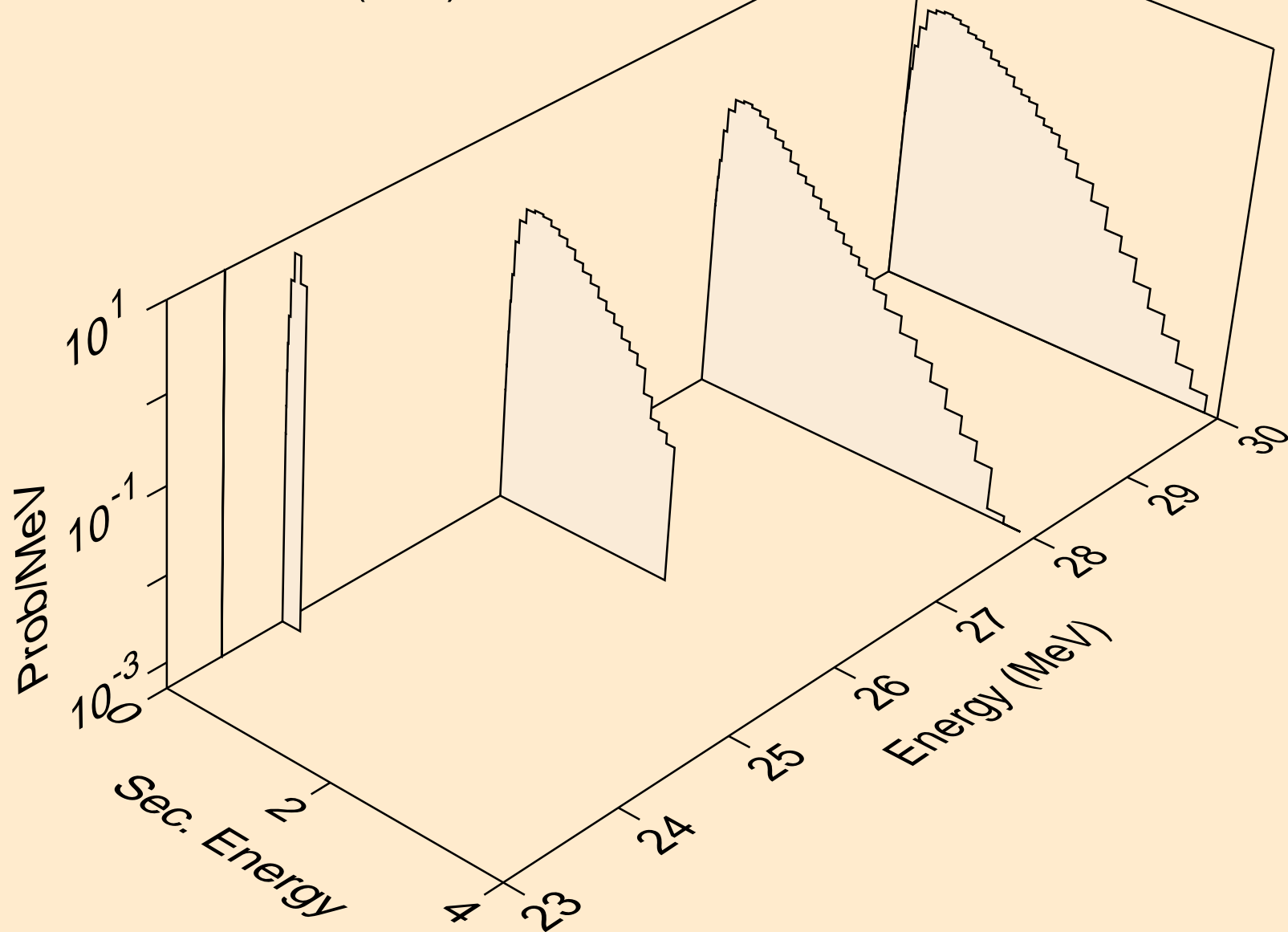
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neutrons from (s,n\*)a



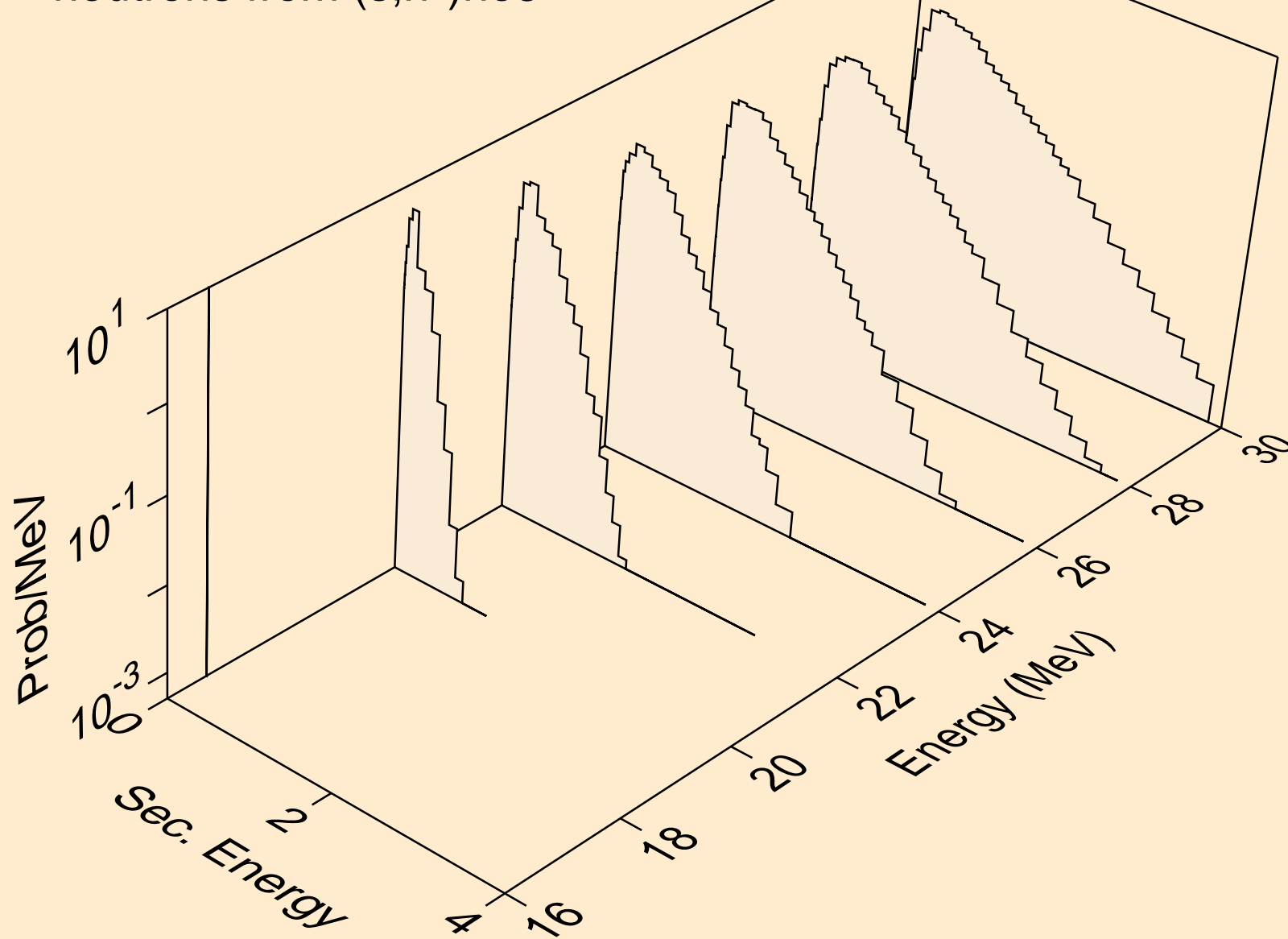
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neutrons from (s,n\*)p



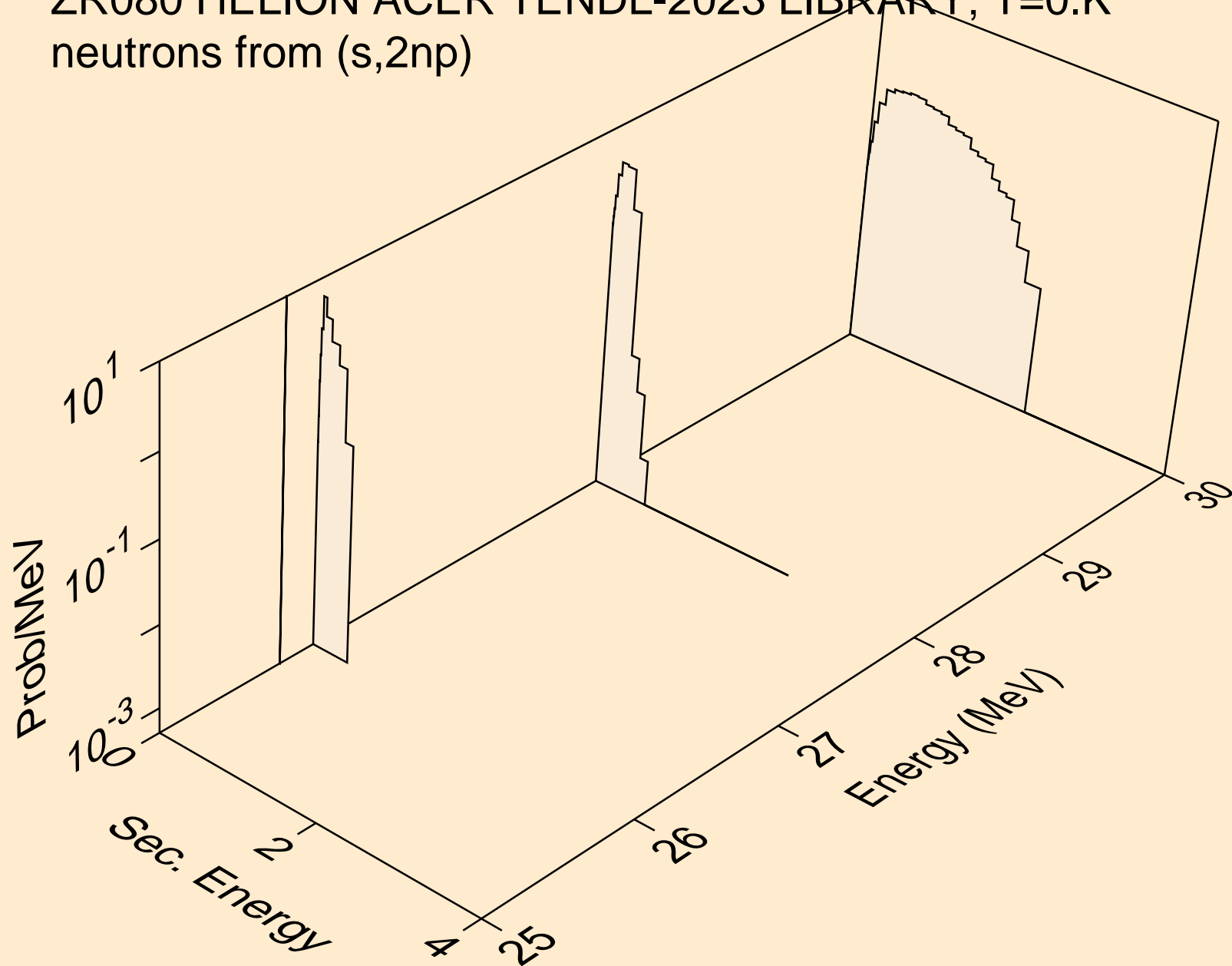
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neutrons from (s,n\*)d



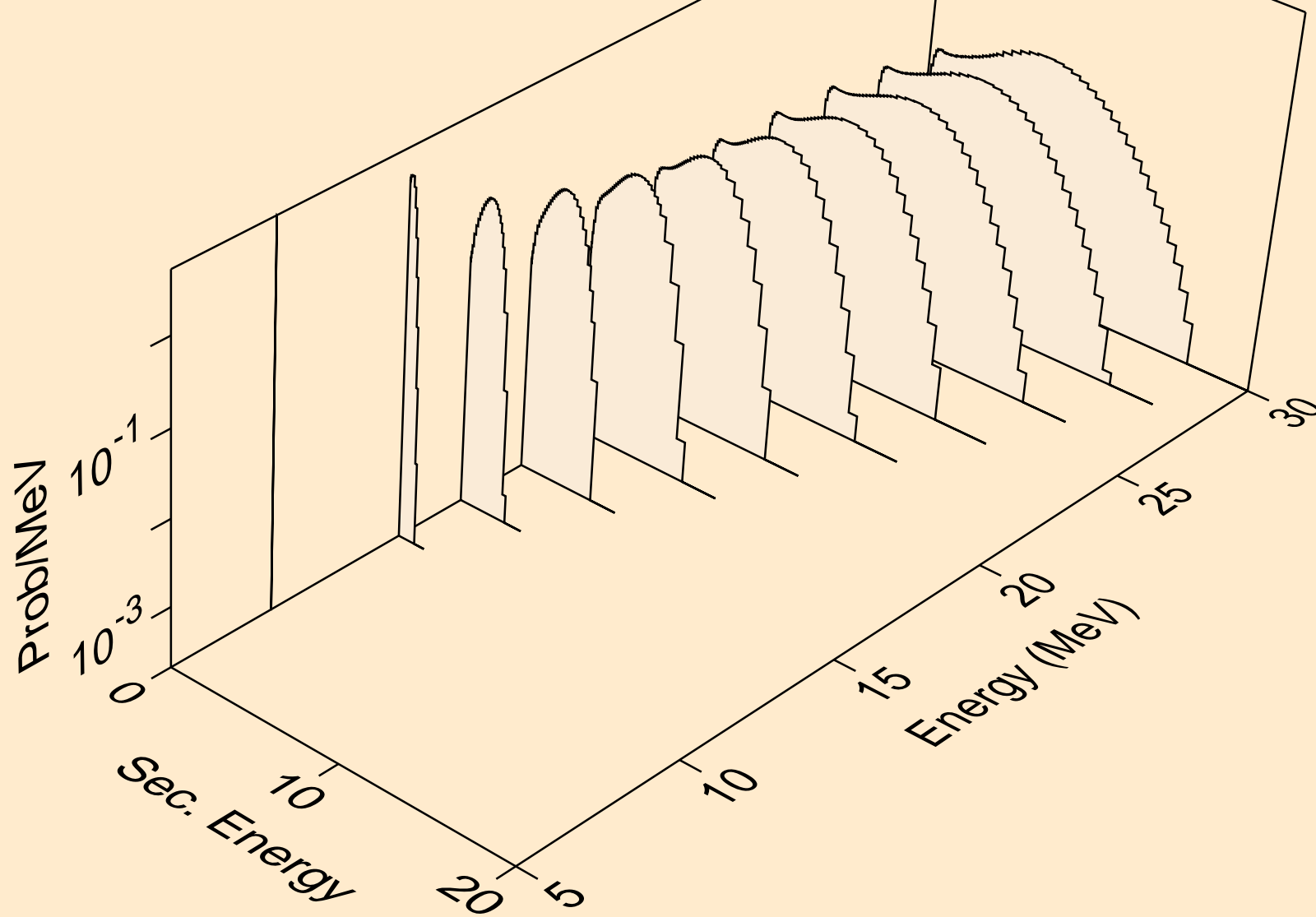
ZR080 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



ZR080 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2np)

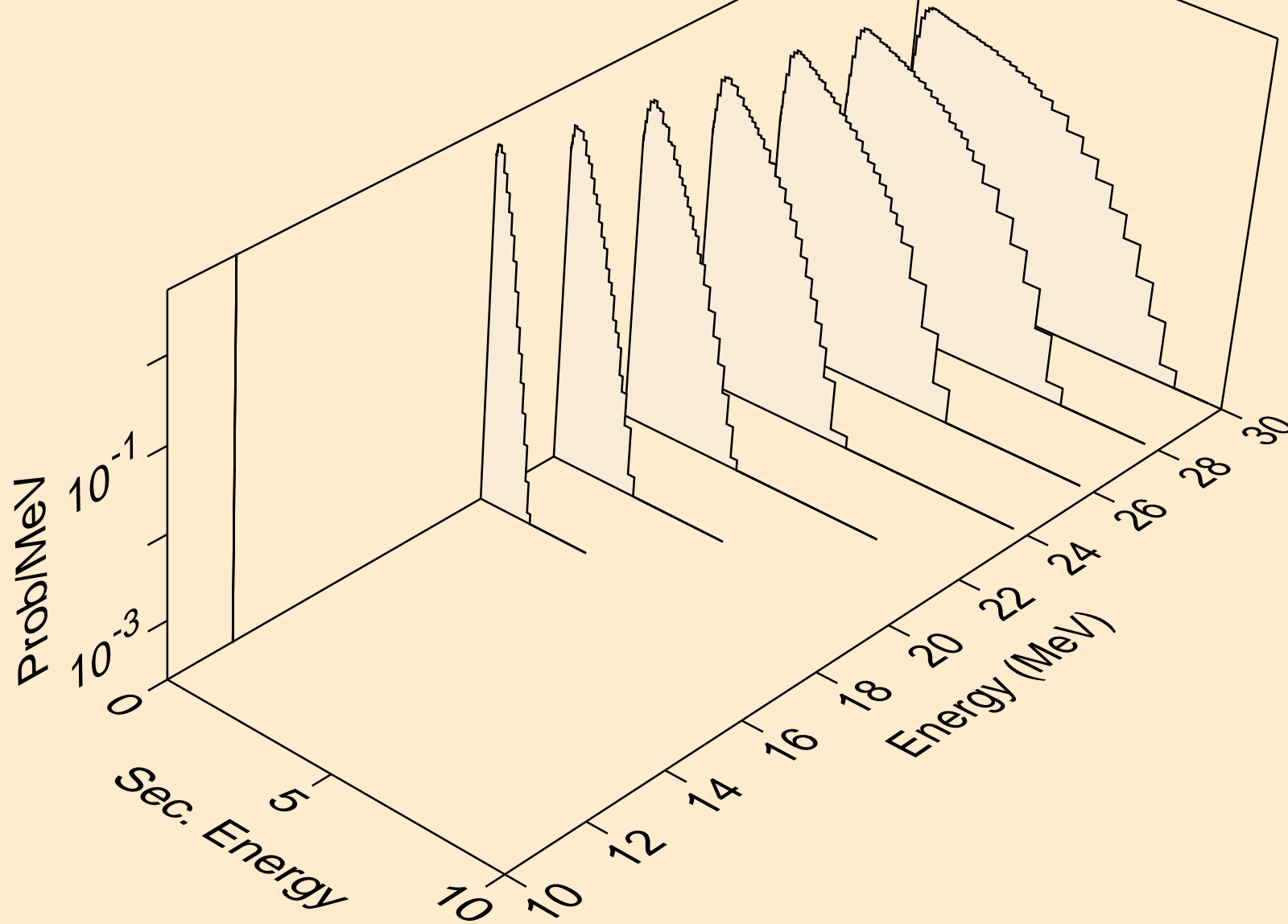


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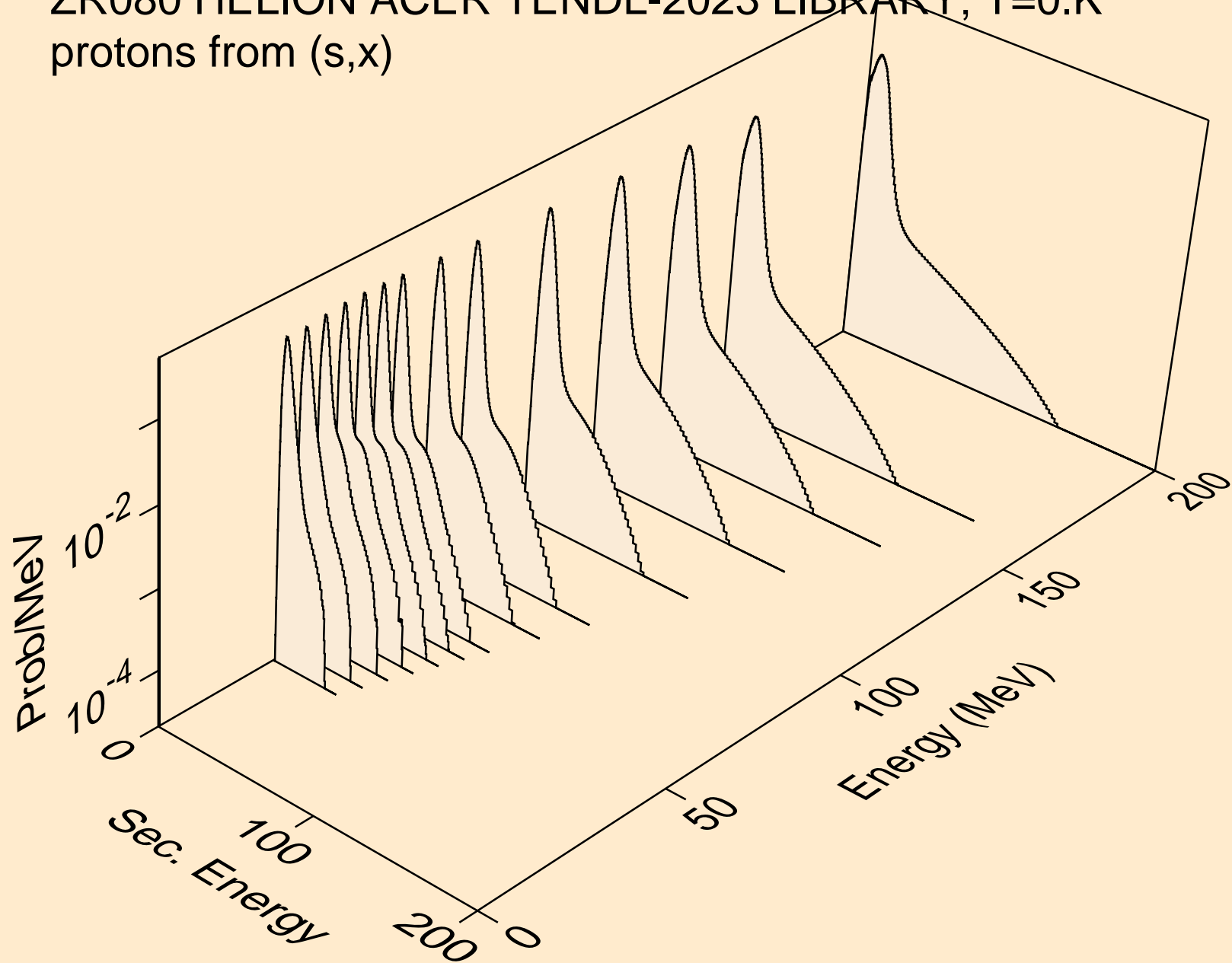




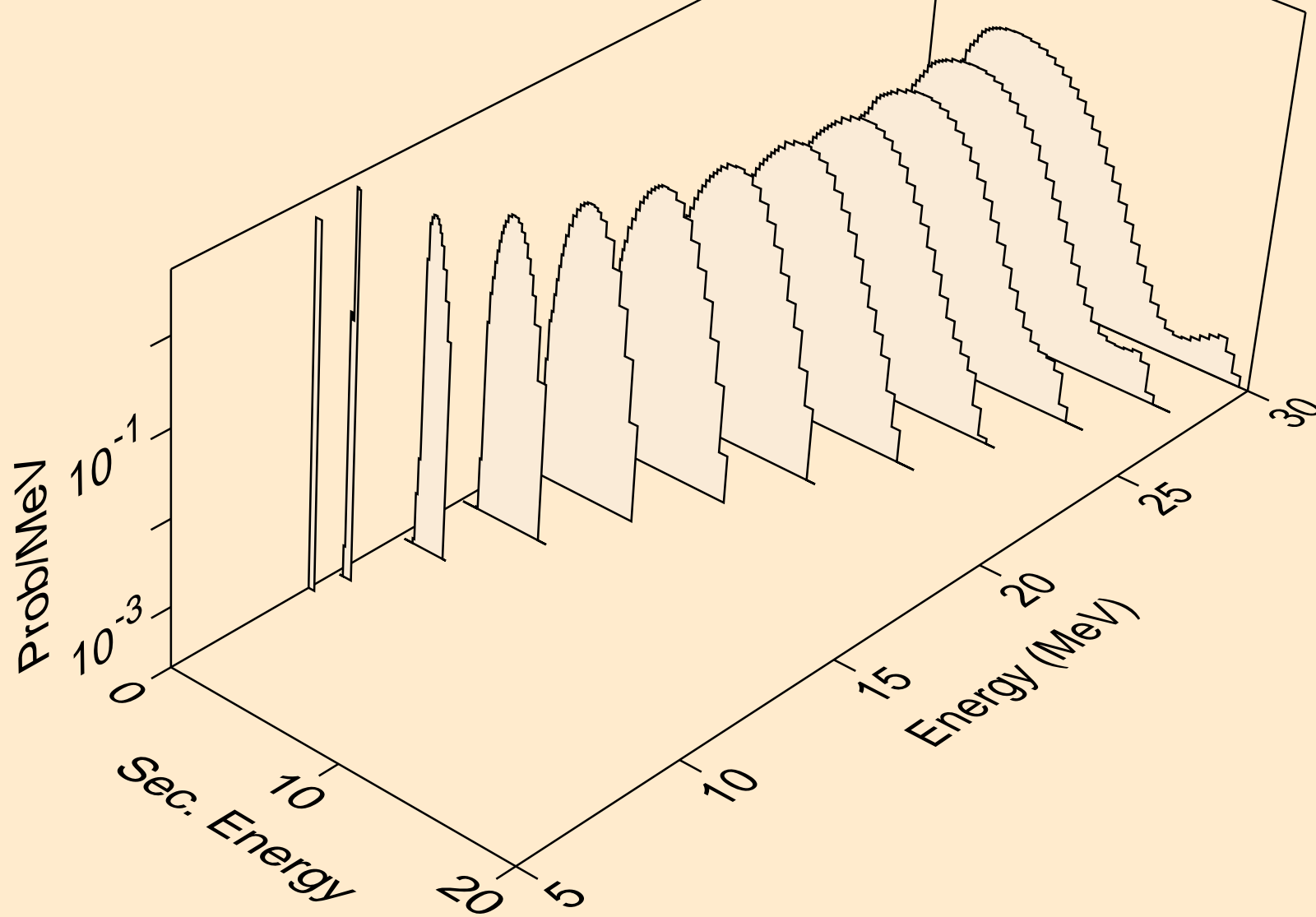
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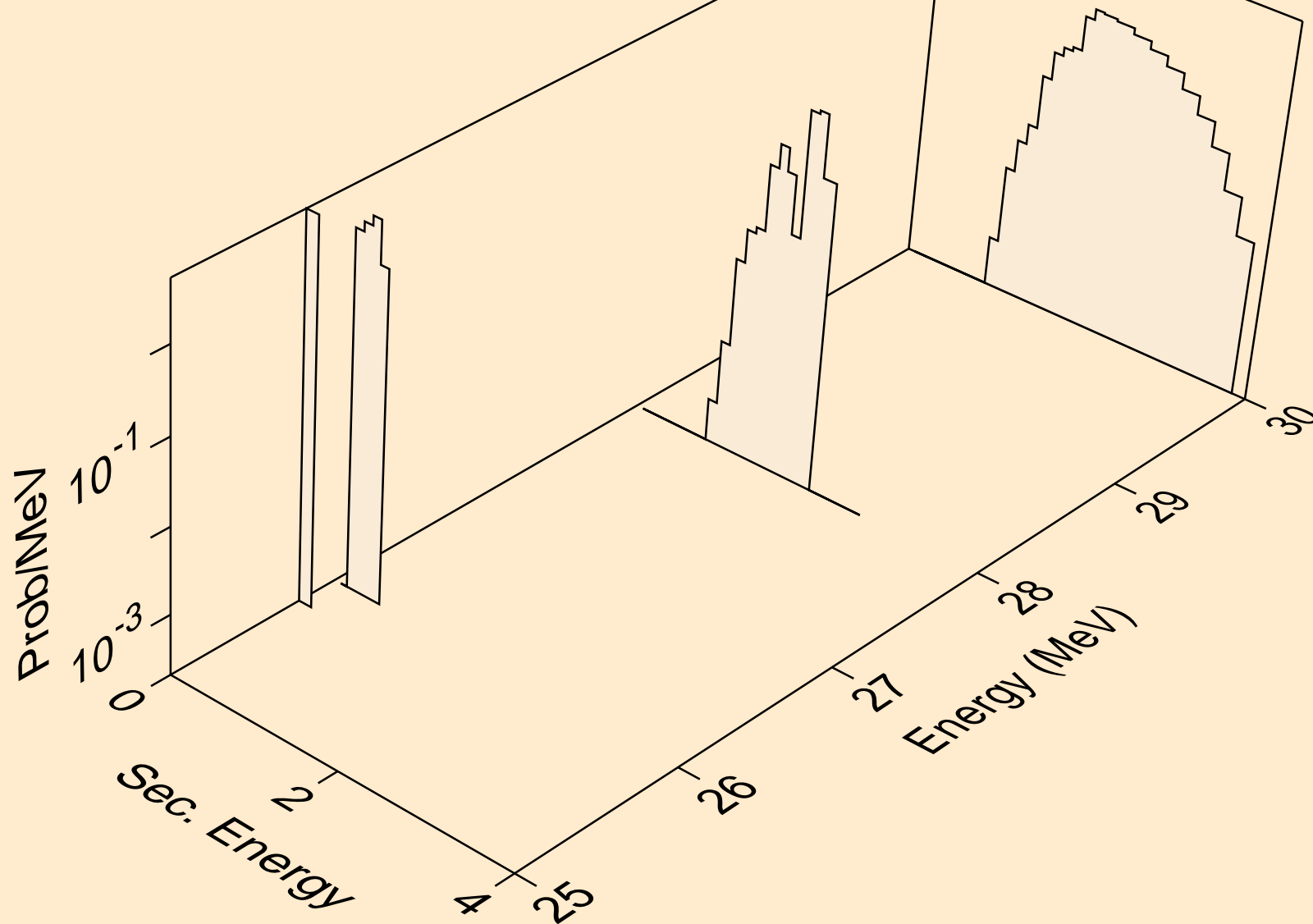
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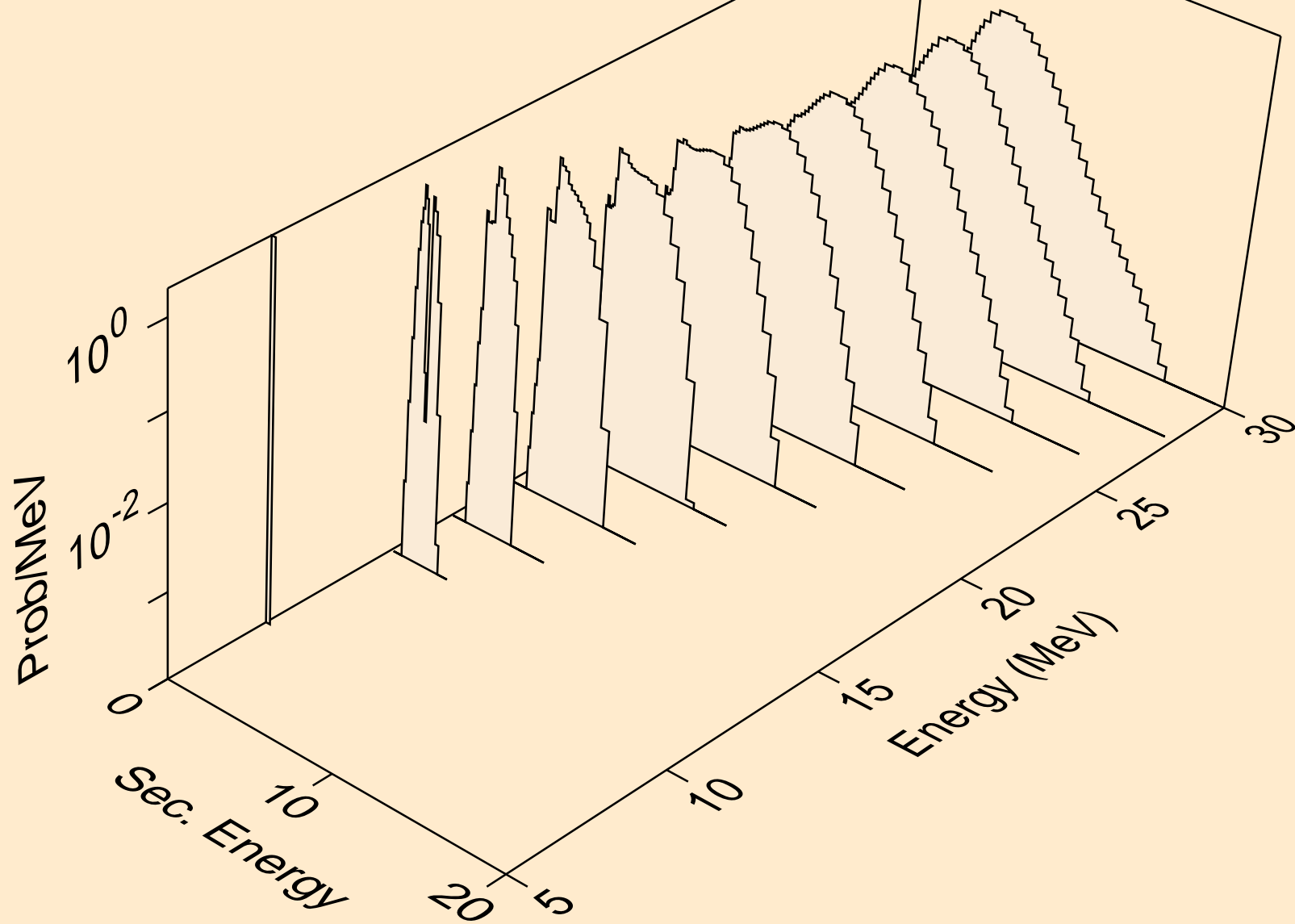
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protons from (s,n\*)p



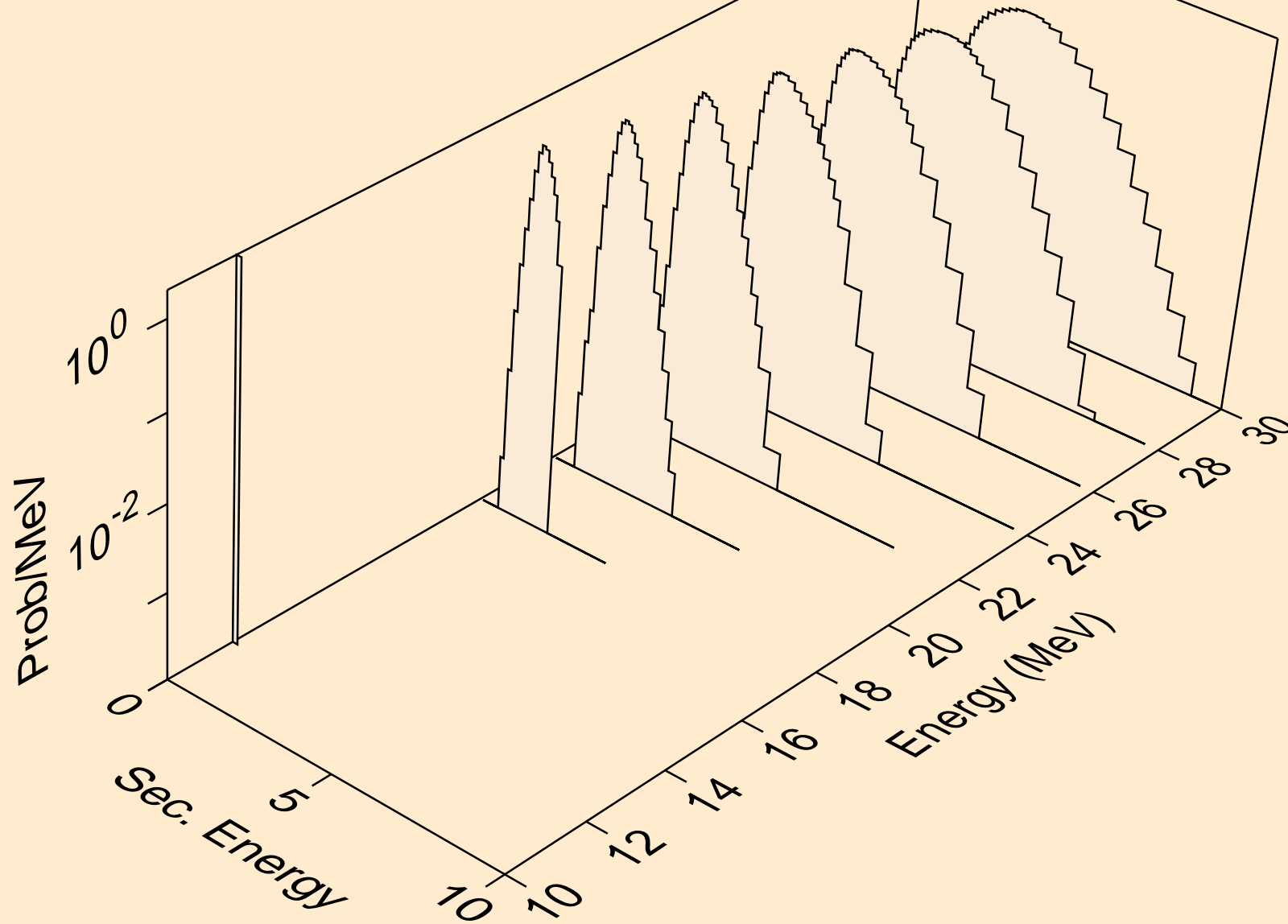
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protons from (s,2np)



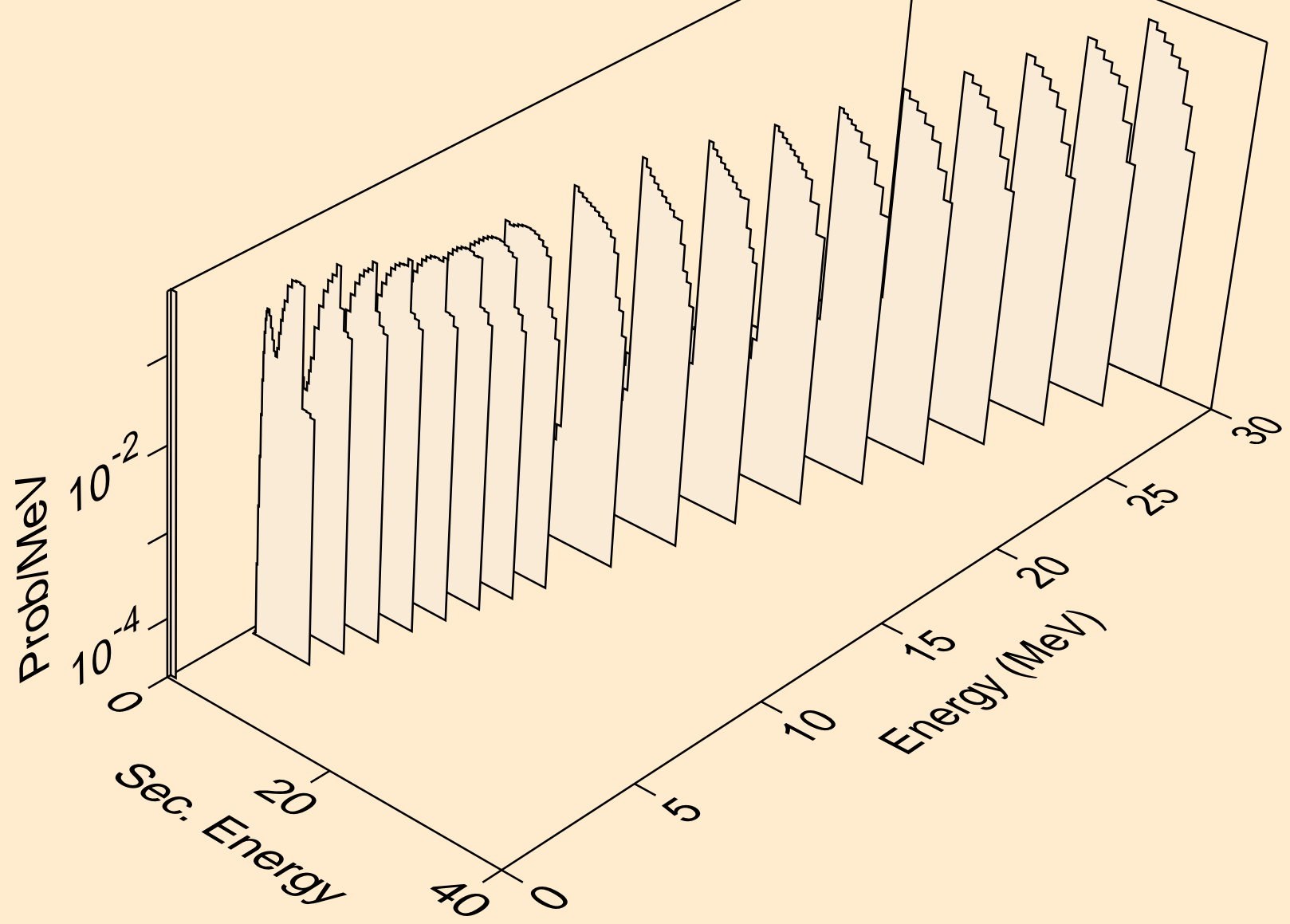
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protons from (s,n2p)



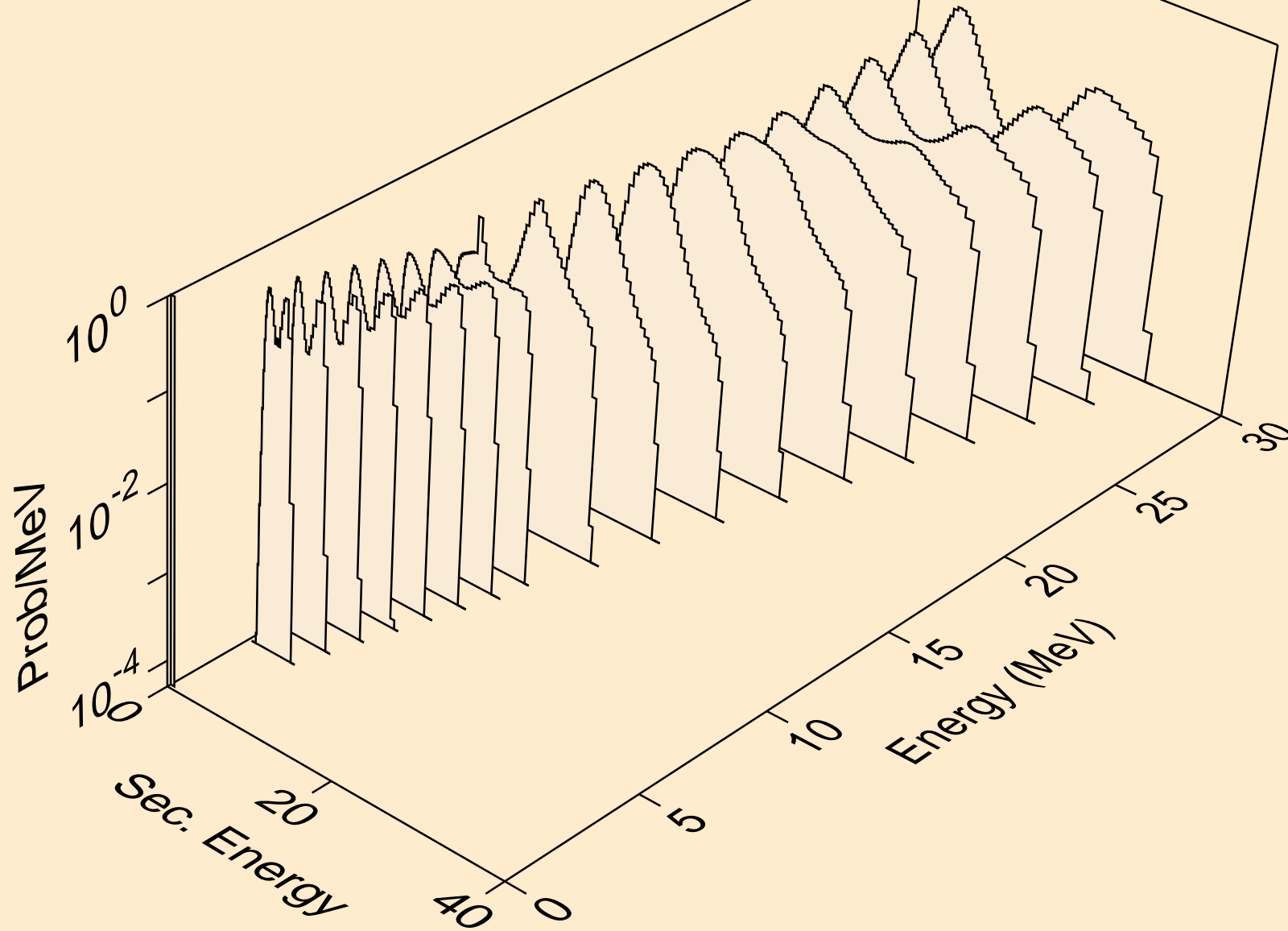
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protons from (s,npa)



ZR080 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,p)

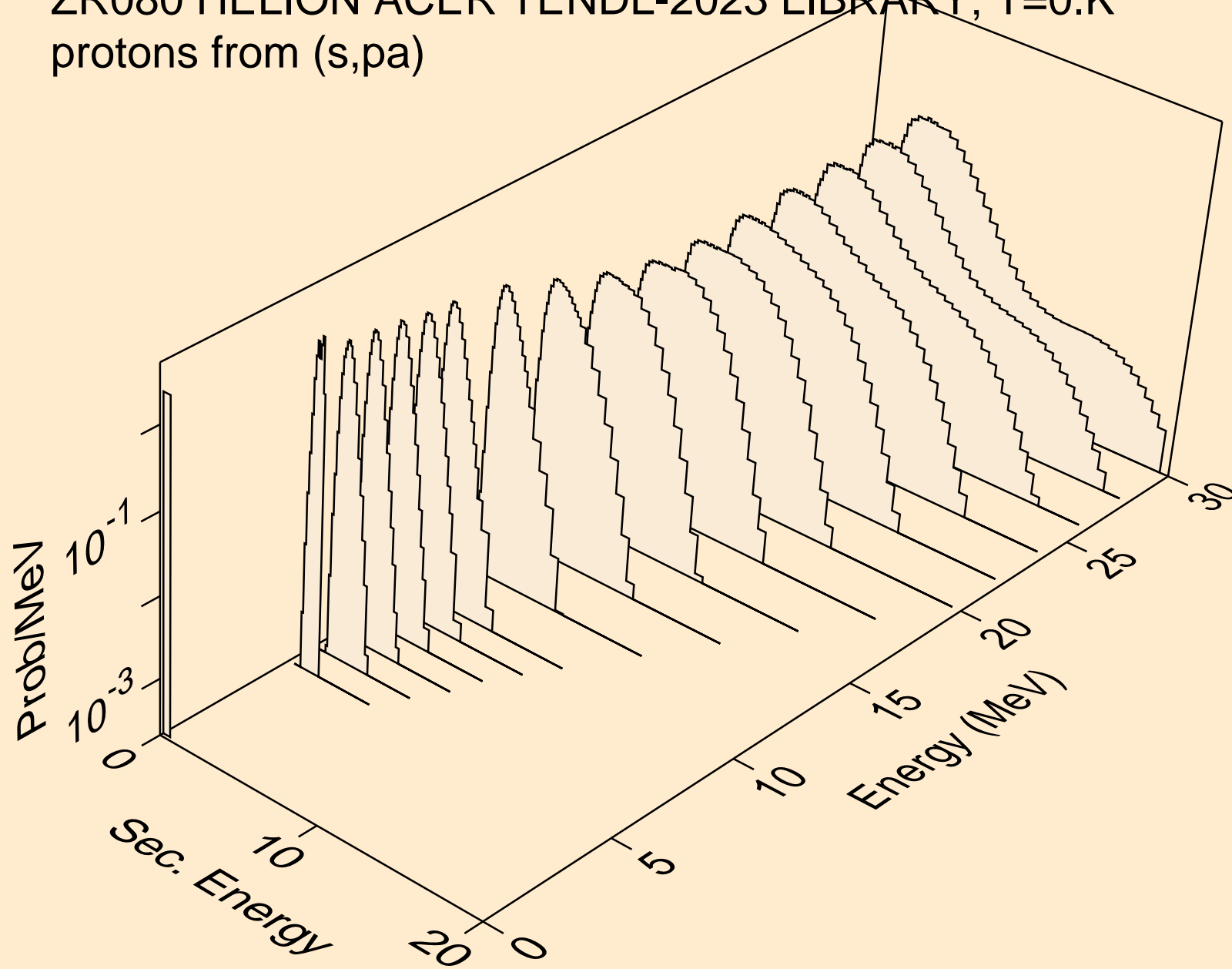


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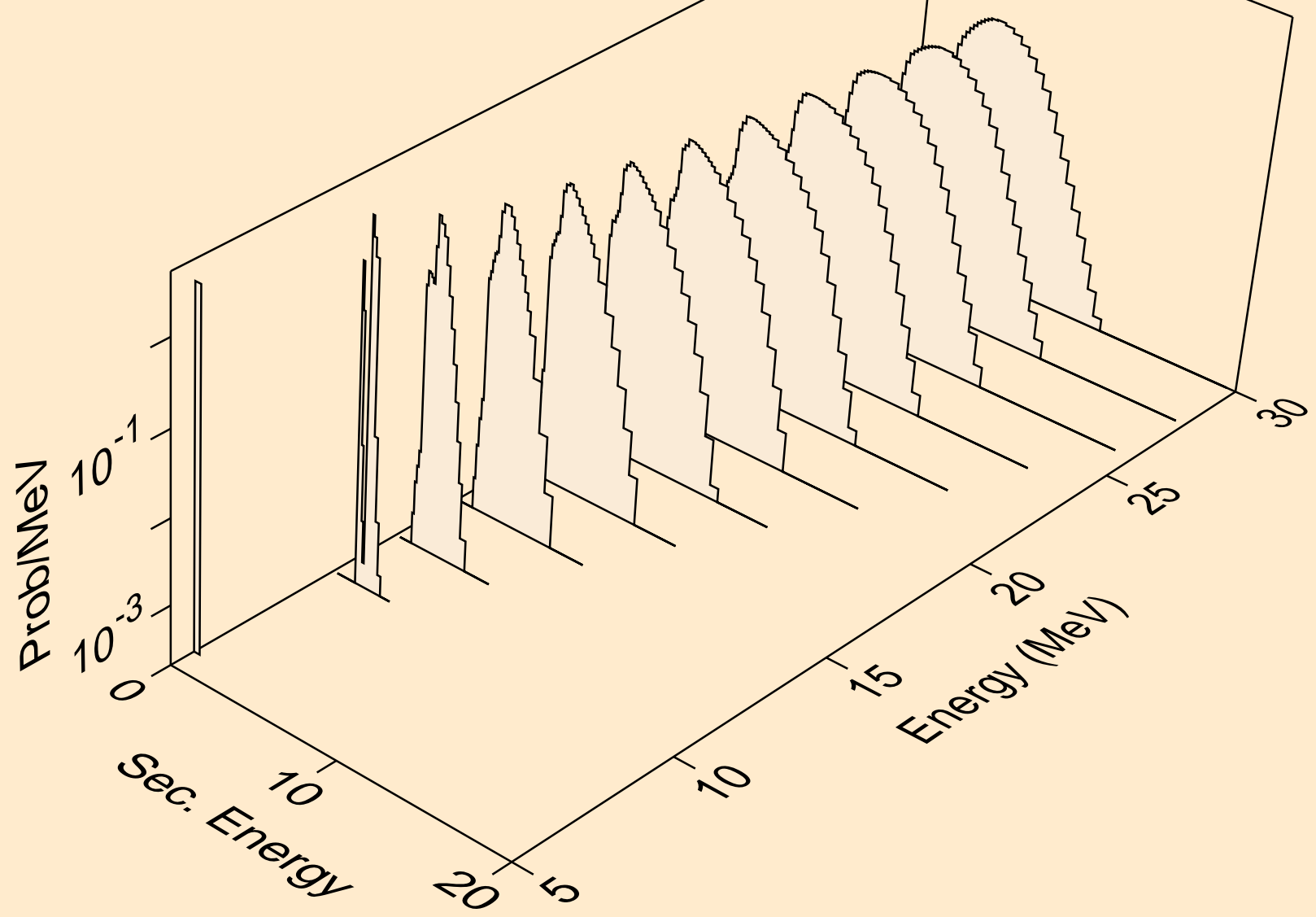




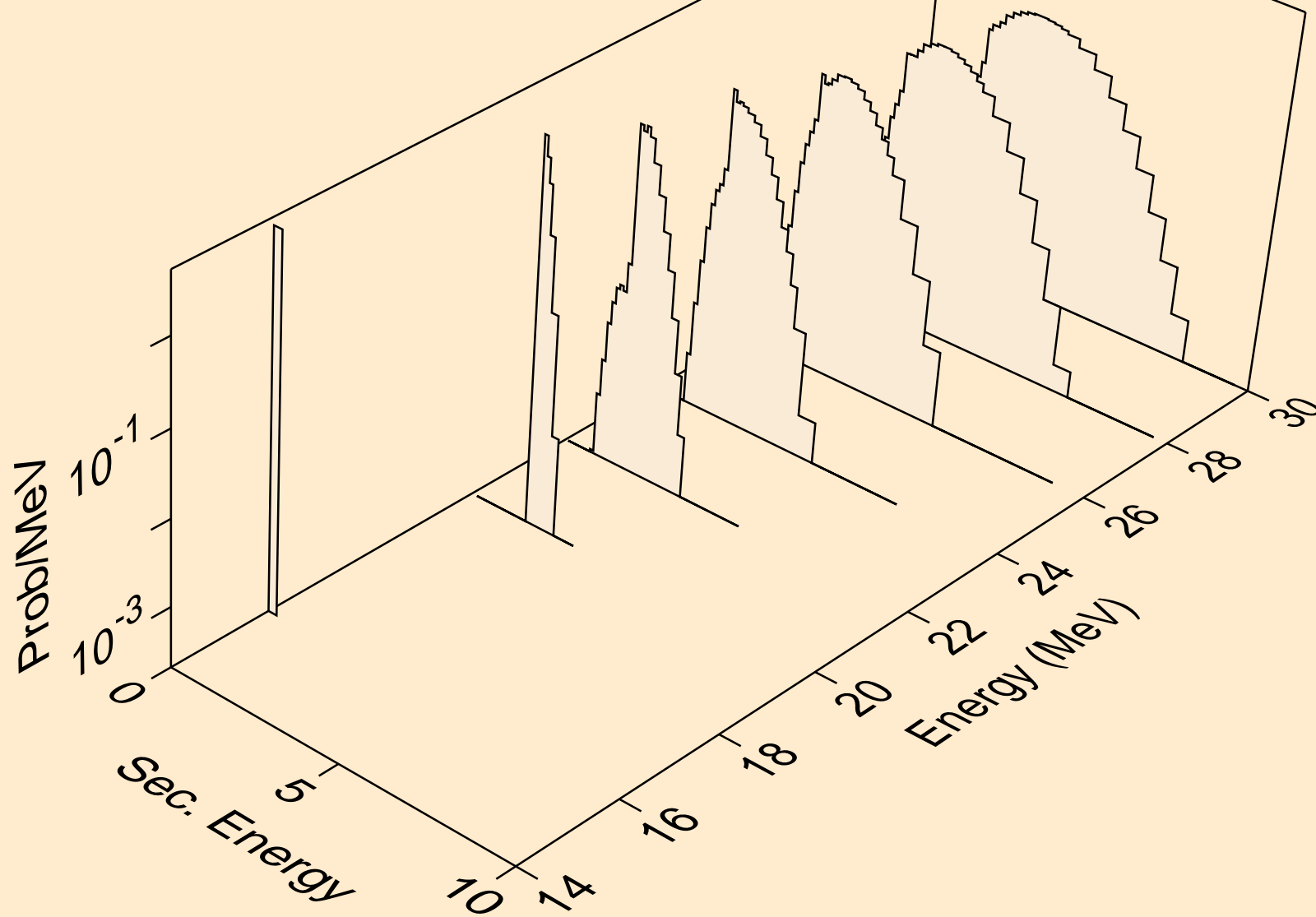
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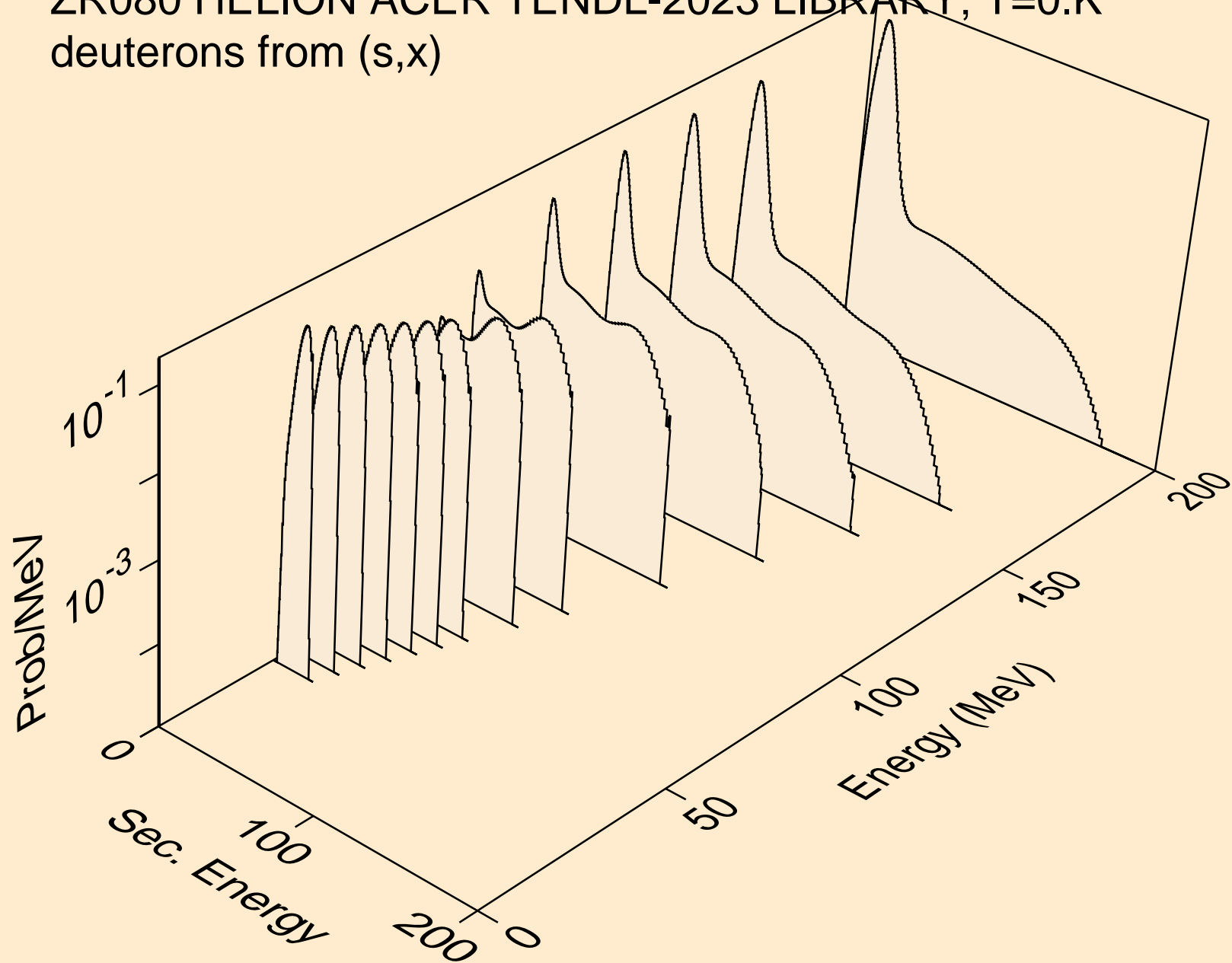
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protons from (s,pd)



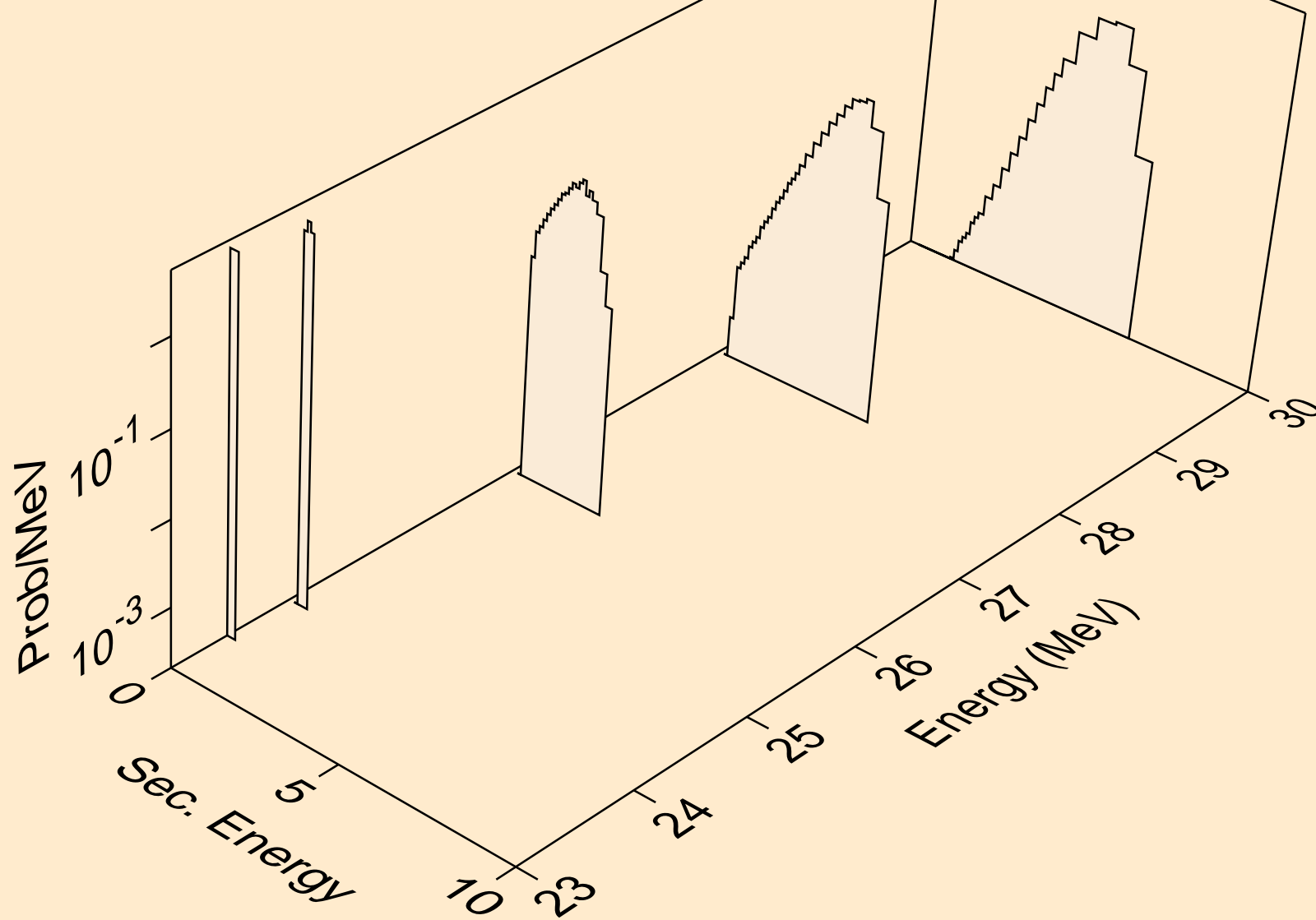
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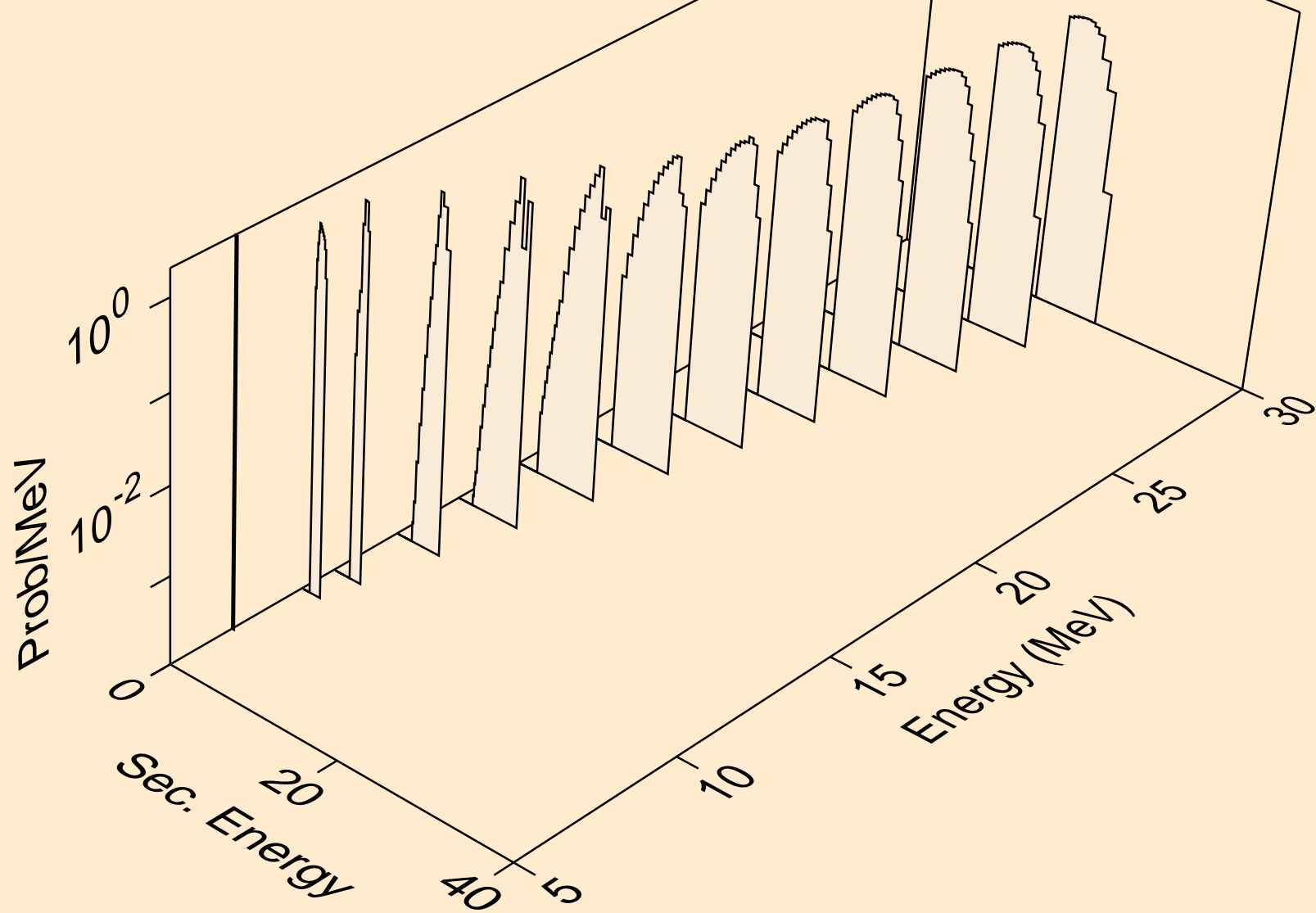
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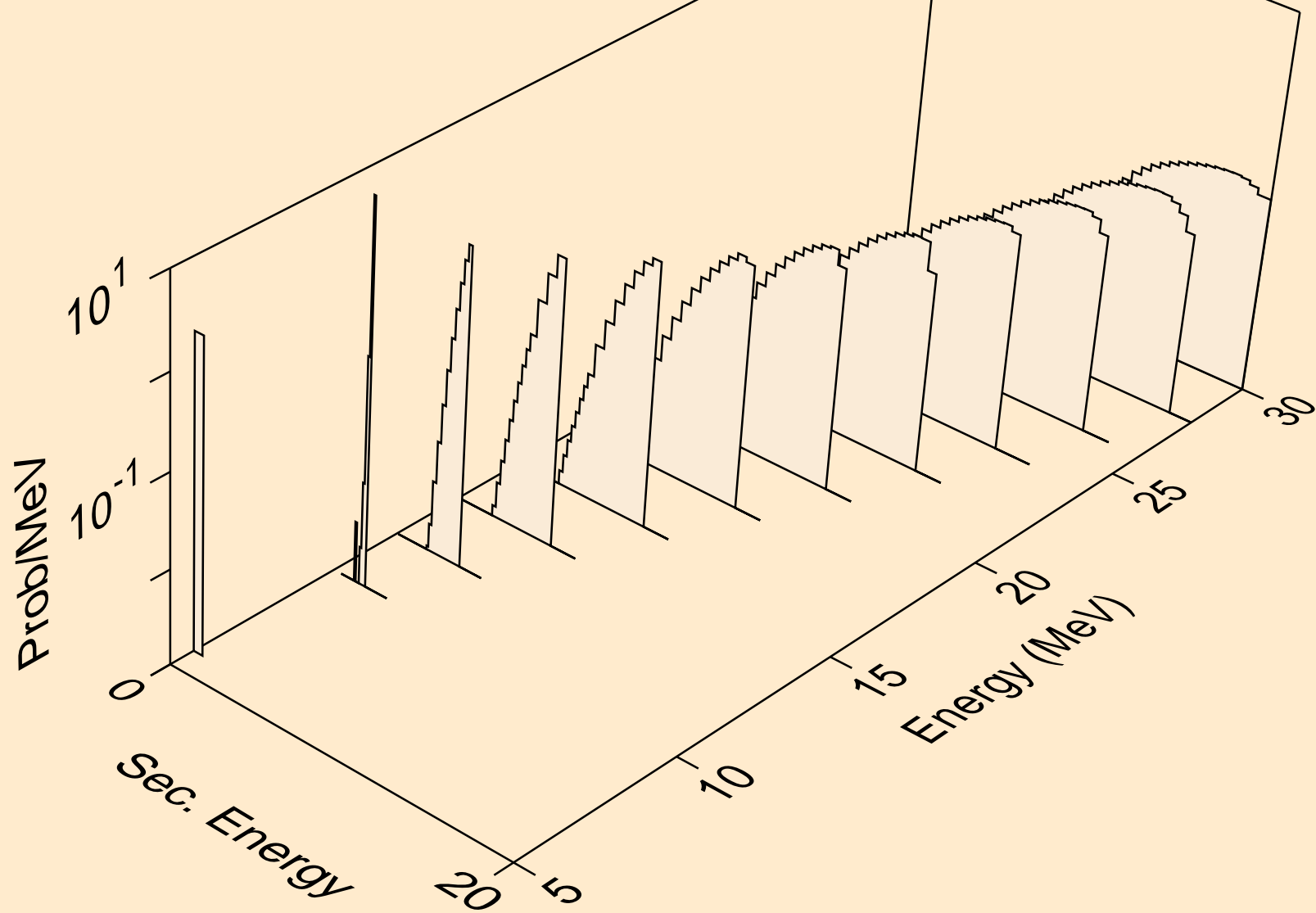
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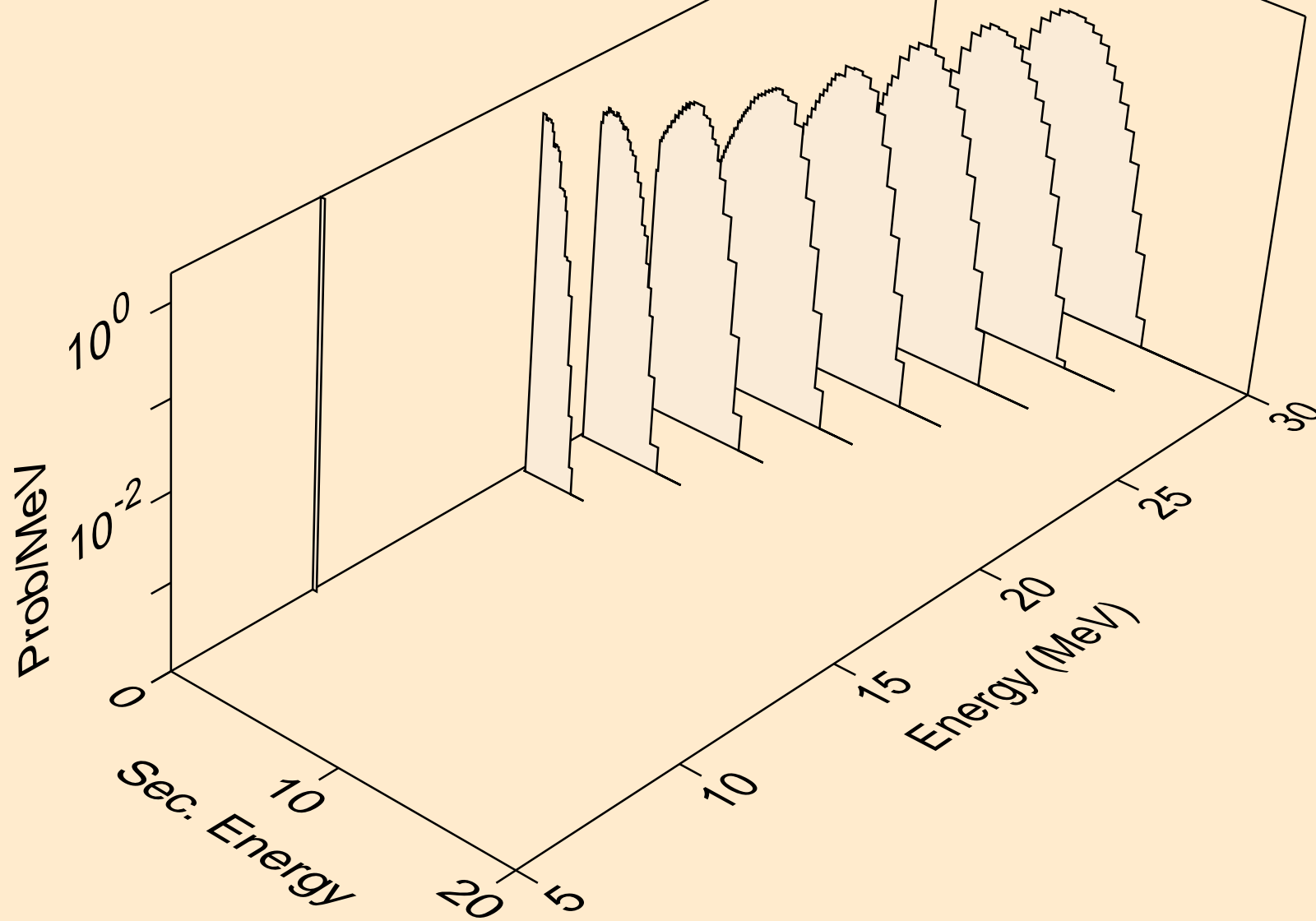
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deuterons from (s,d)



ZR080 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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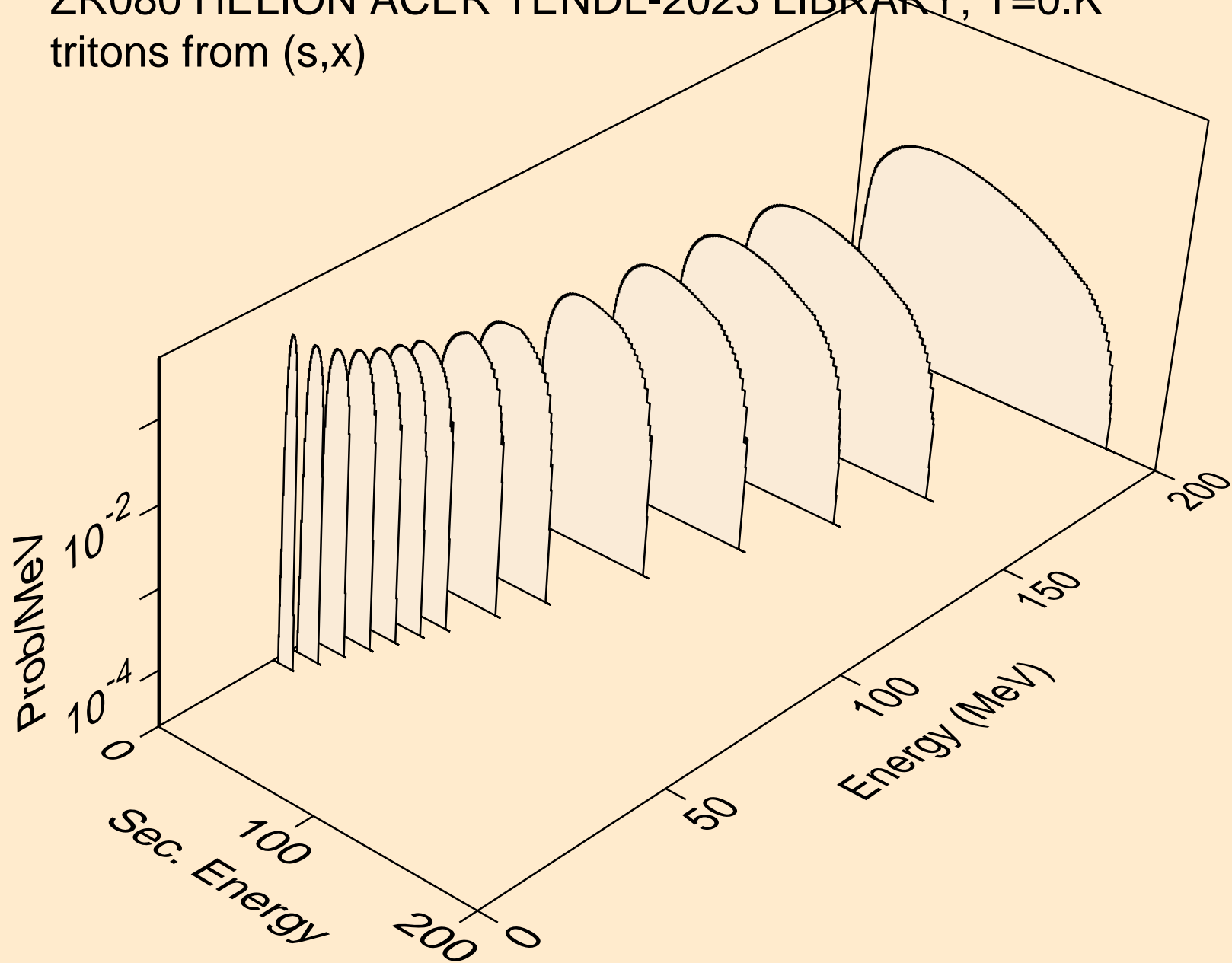


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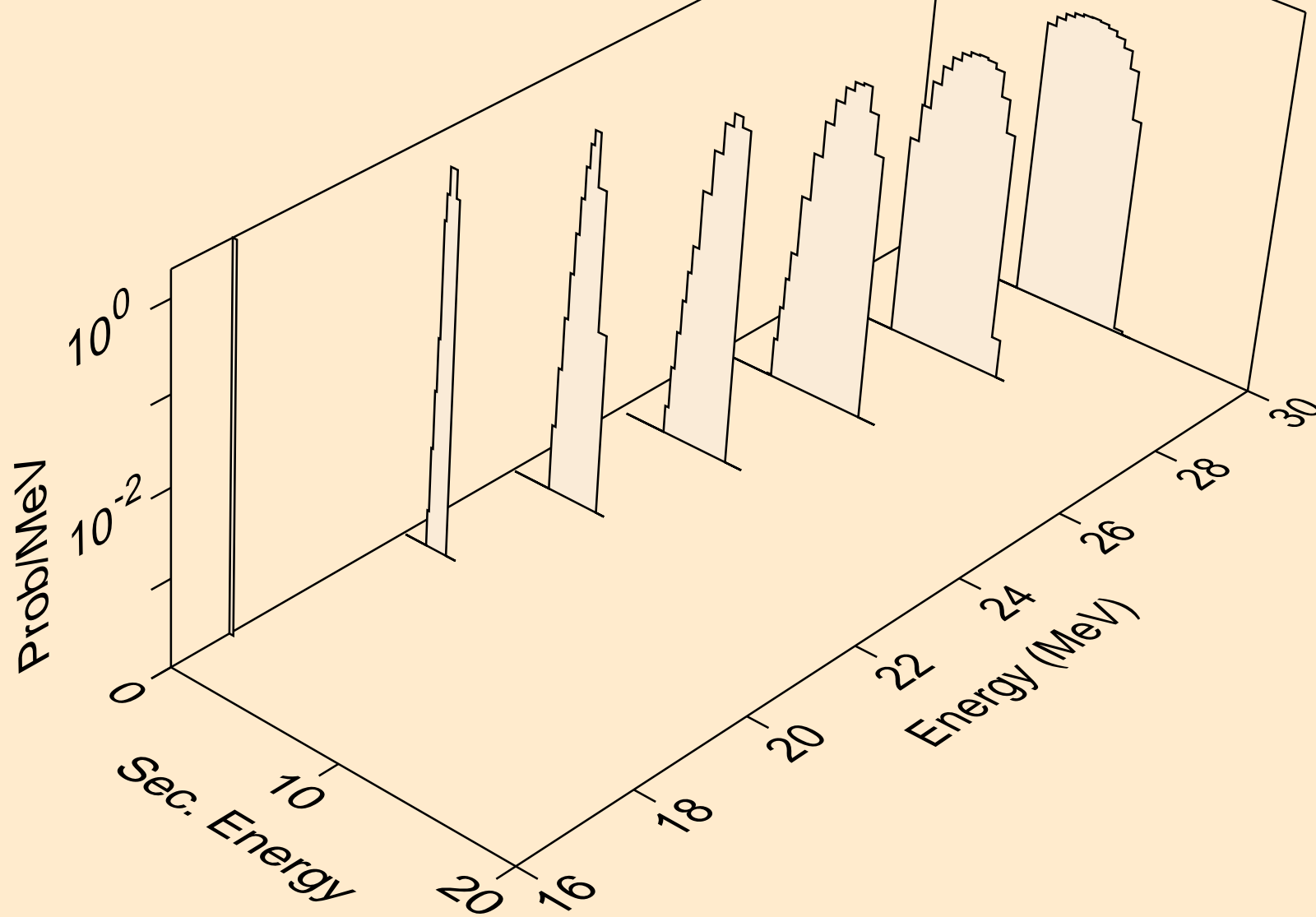




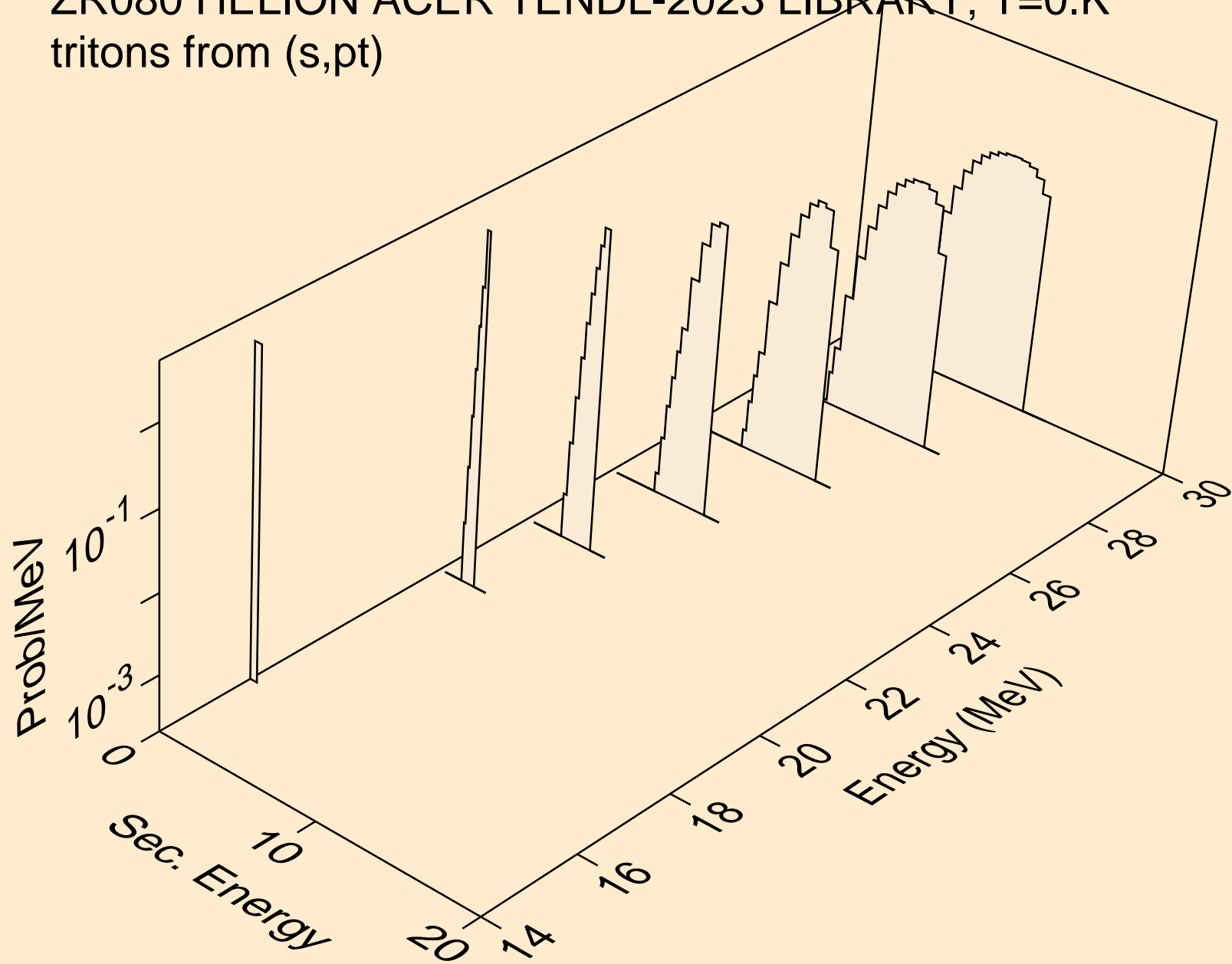
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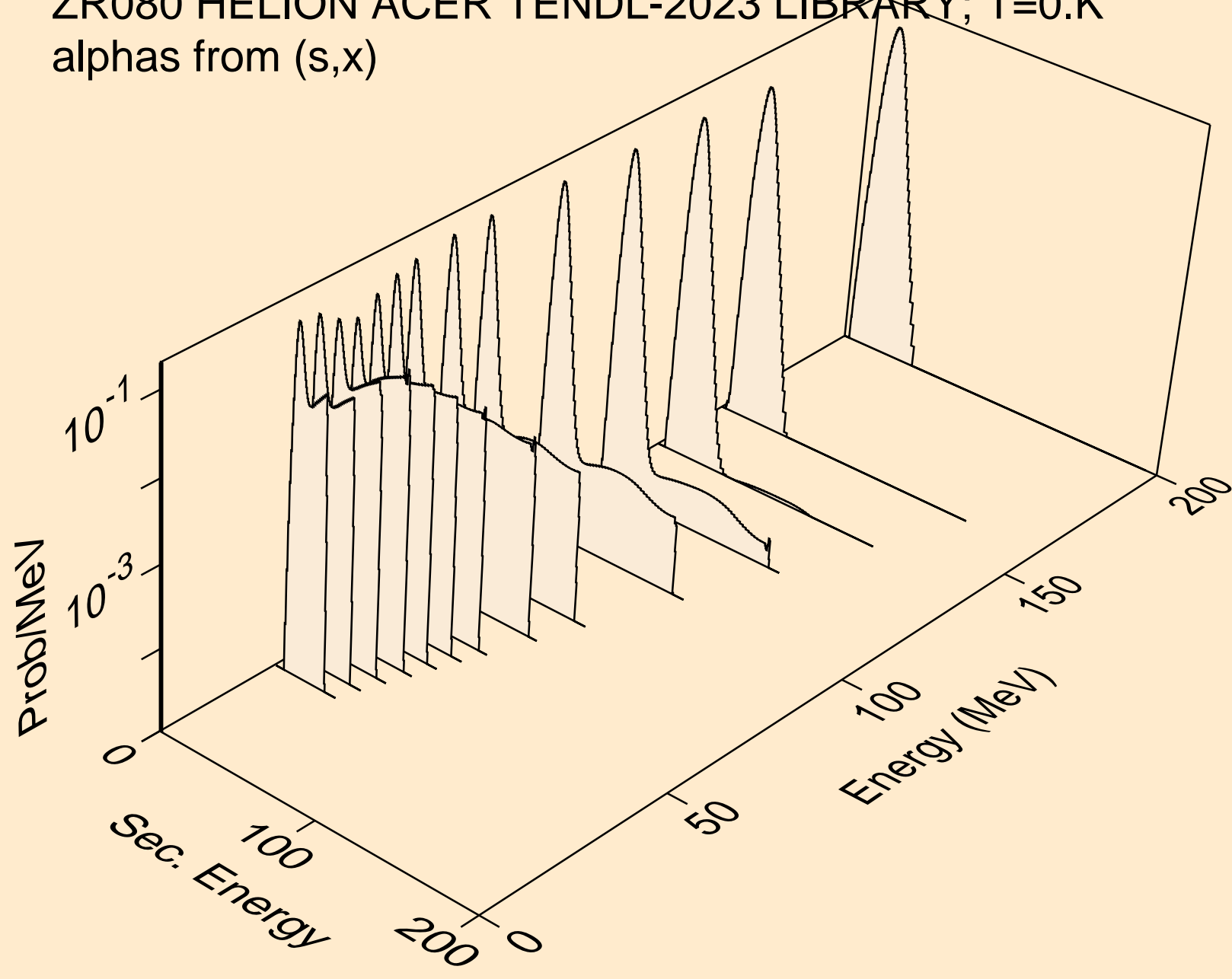
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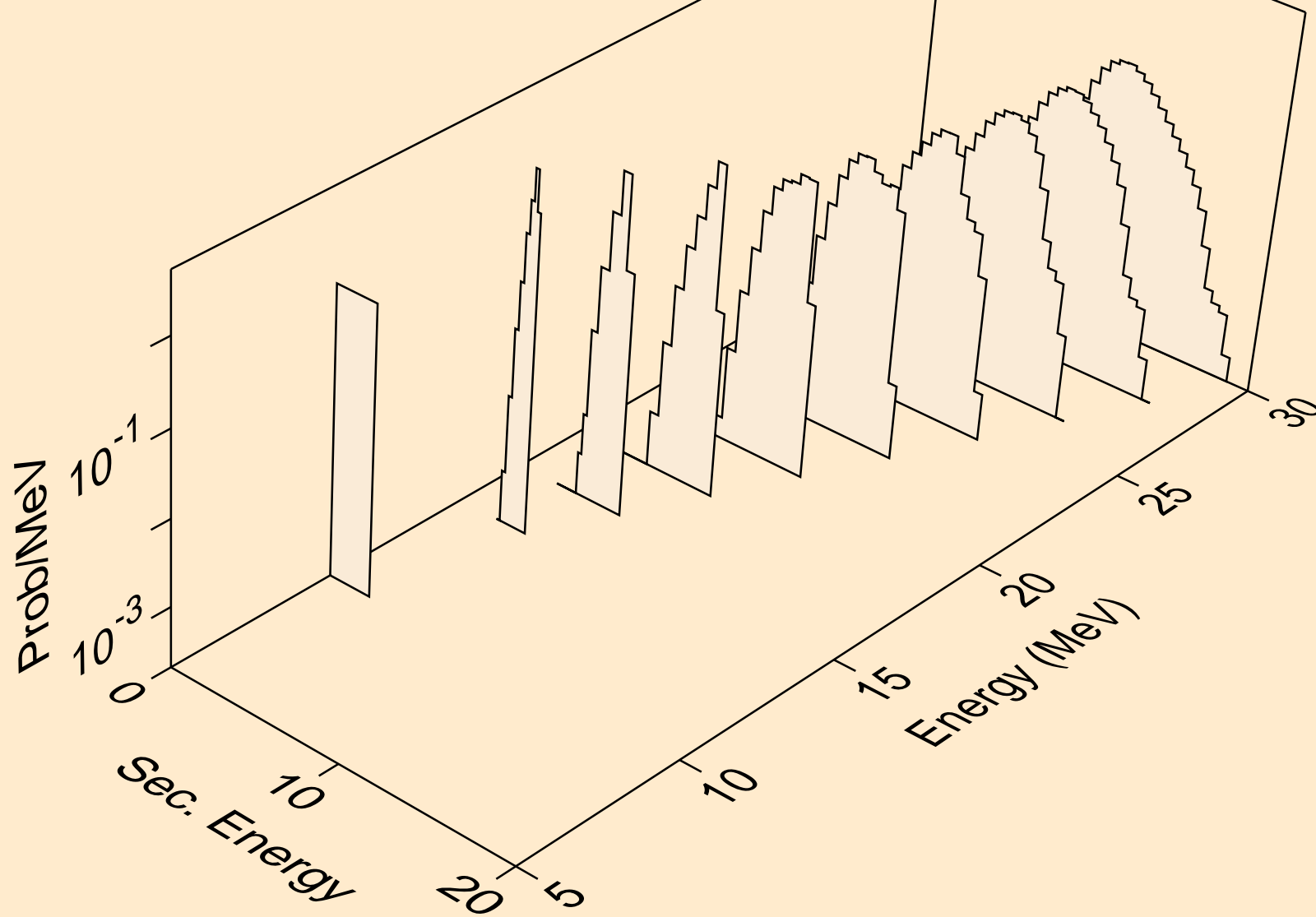
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tritons from (s,pt)



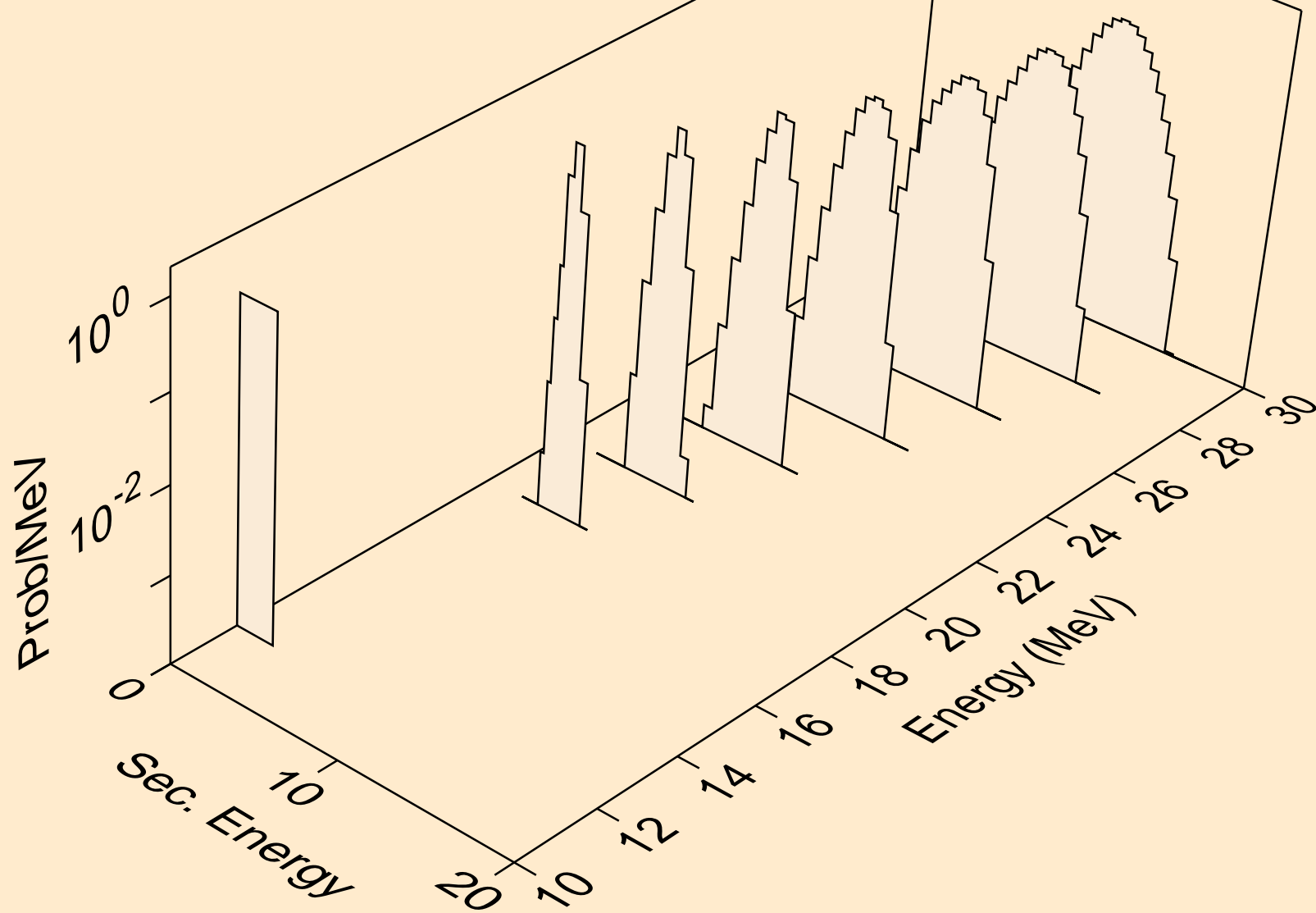
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alphas from (s,x)



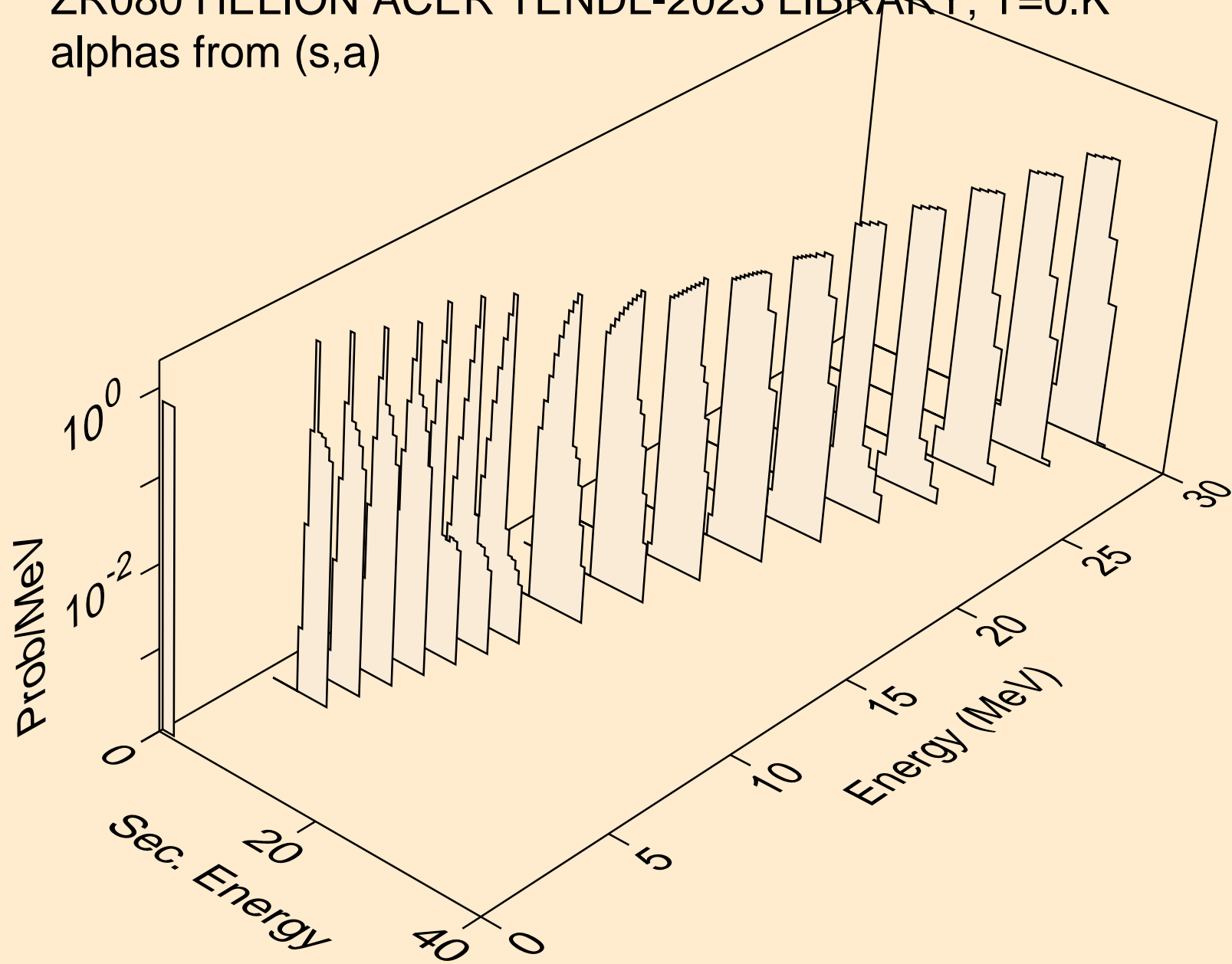
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alphas from (s,n\*)a



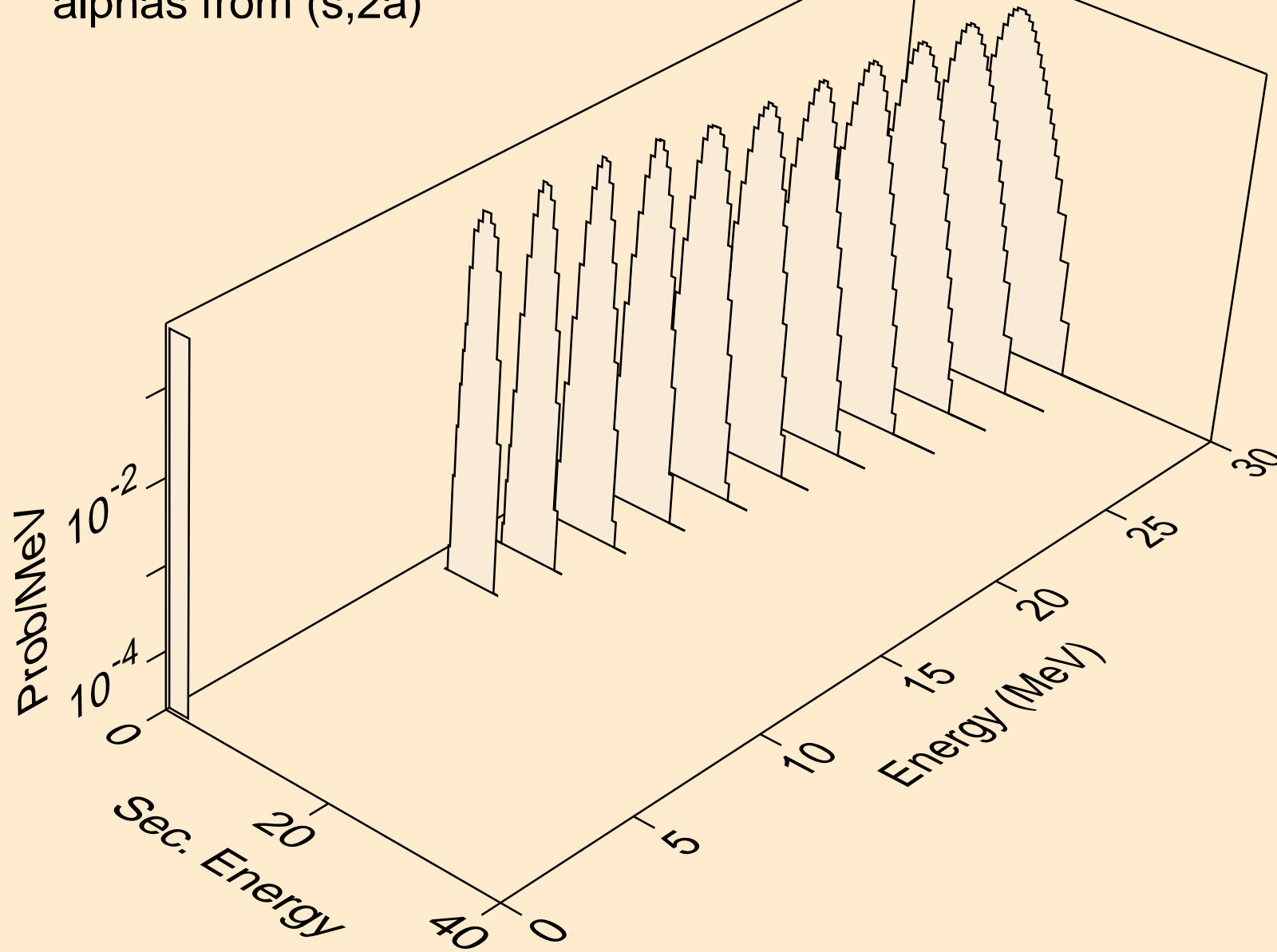
ZR080 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,npa)



ZR080 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,a)

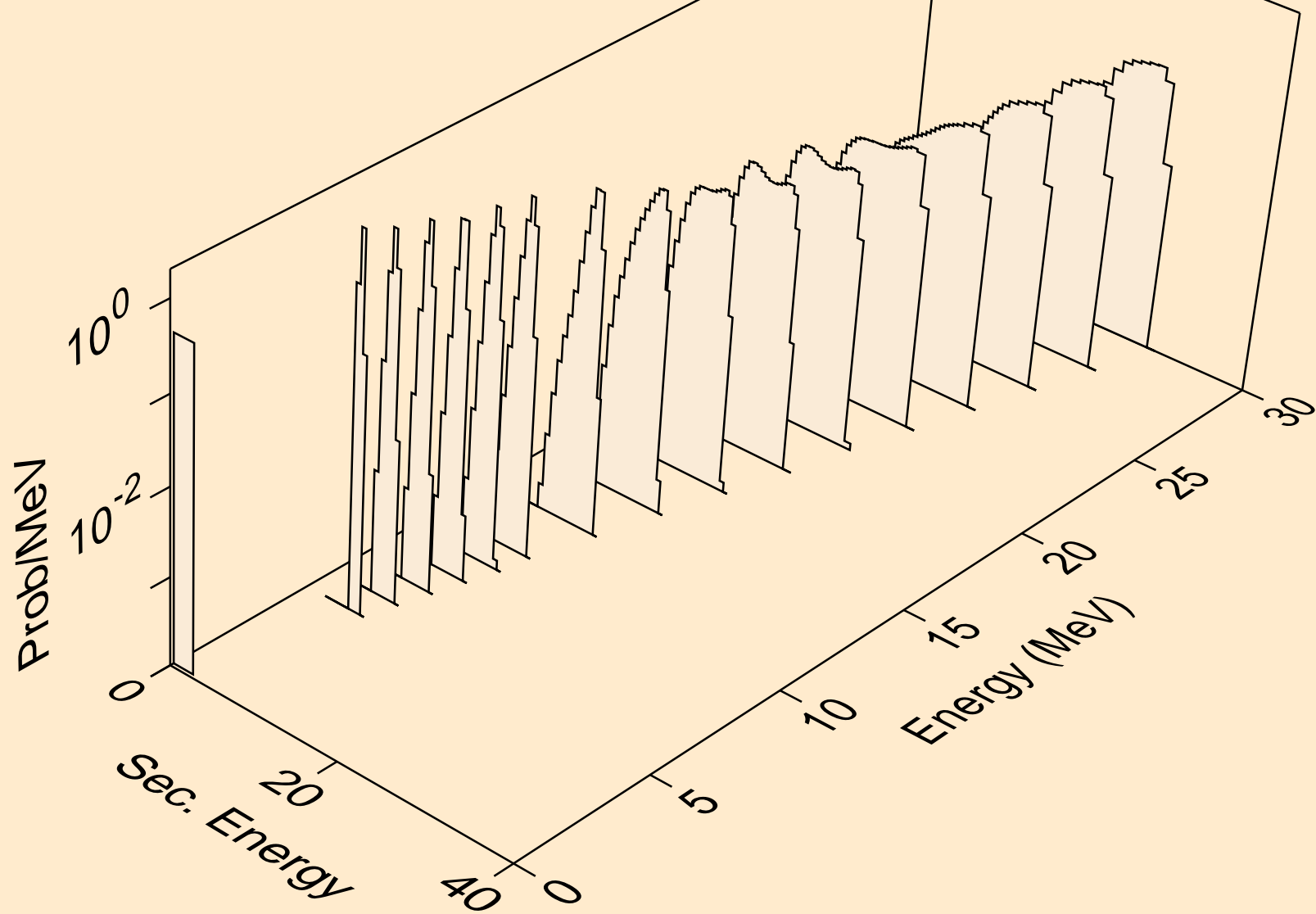


ZR080 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2a)





ZR080 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,pa)



ZR080 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,da)

