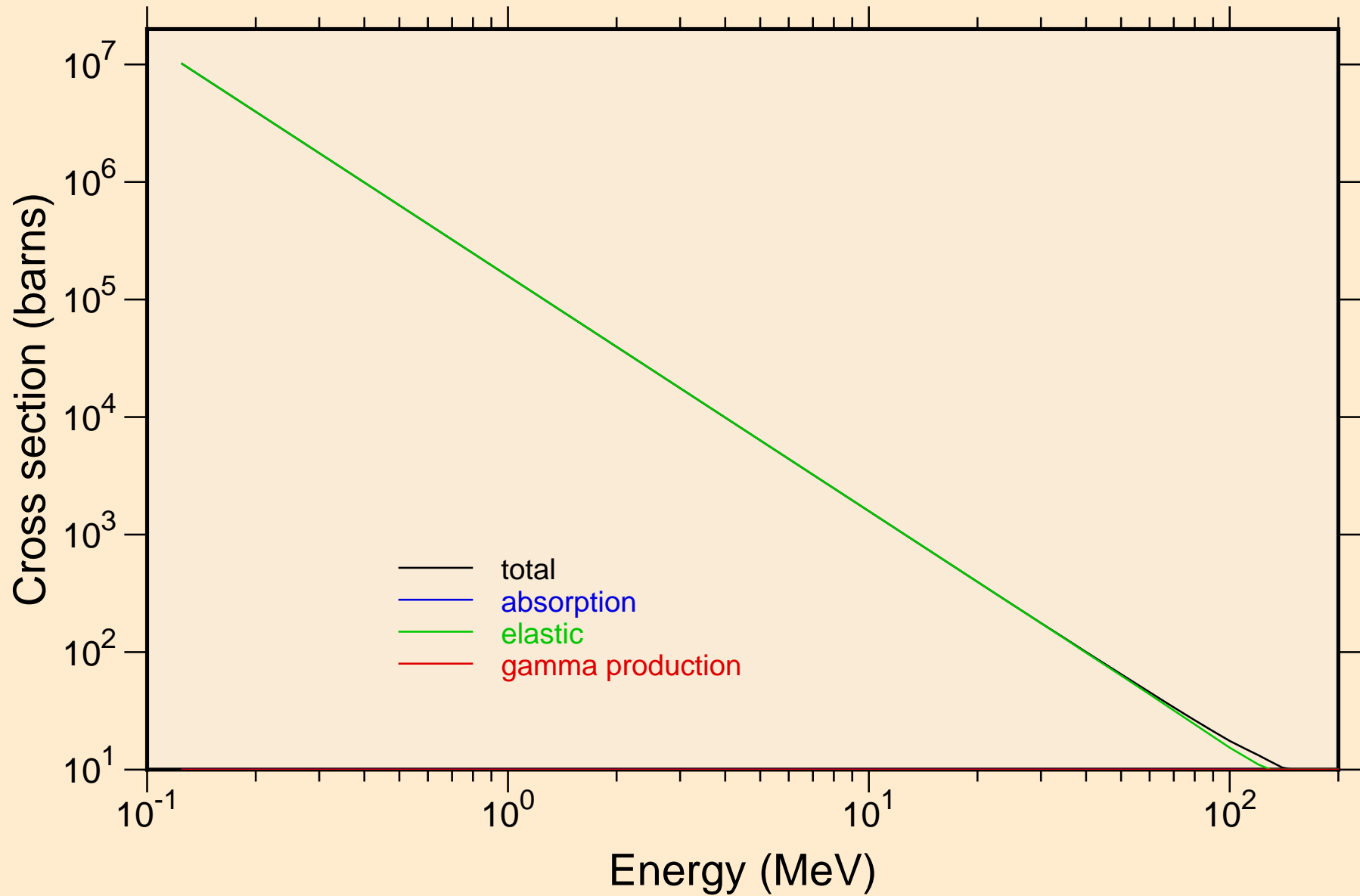
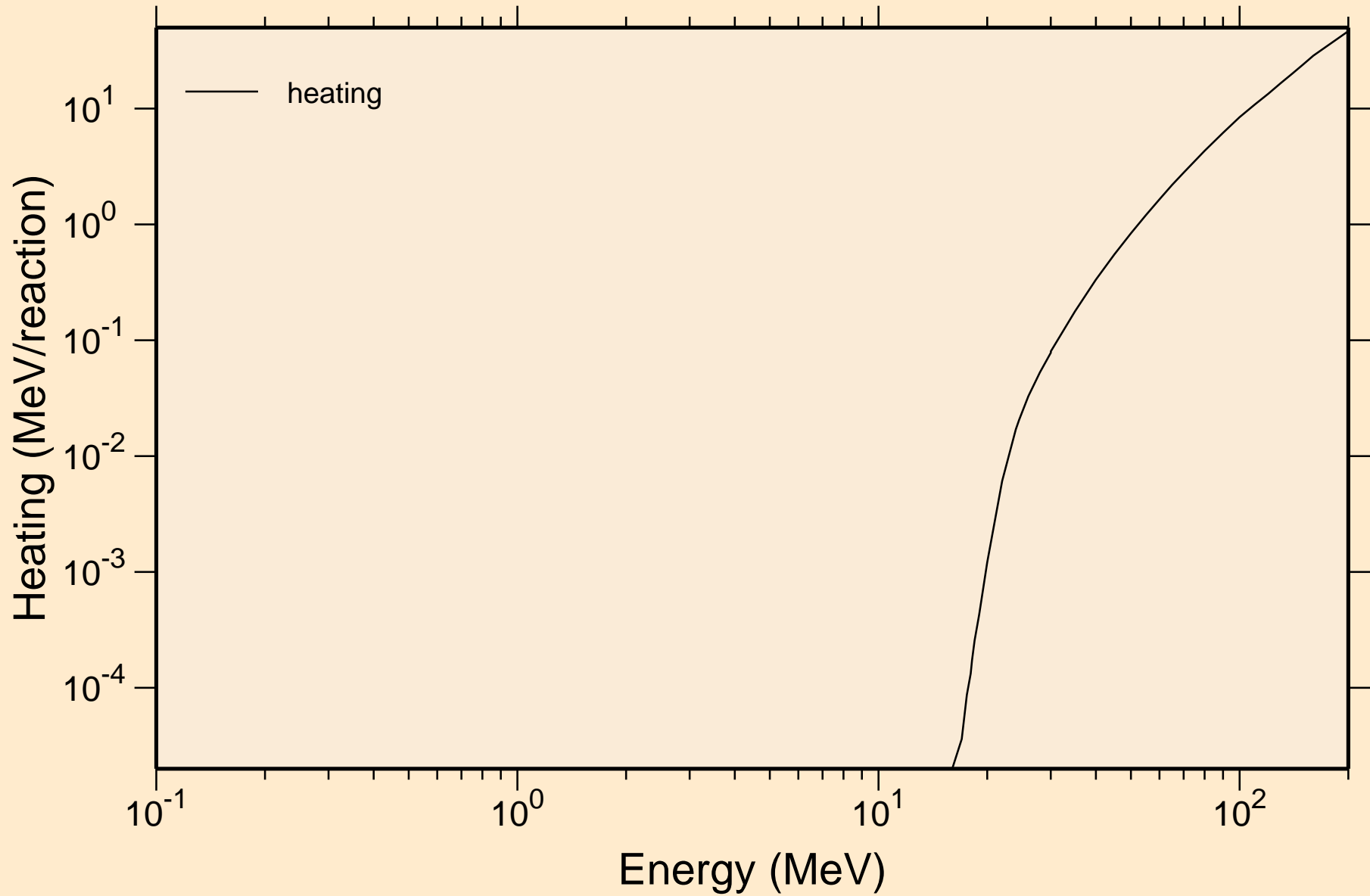


AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



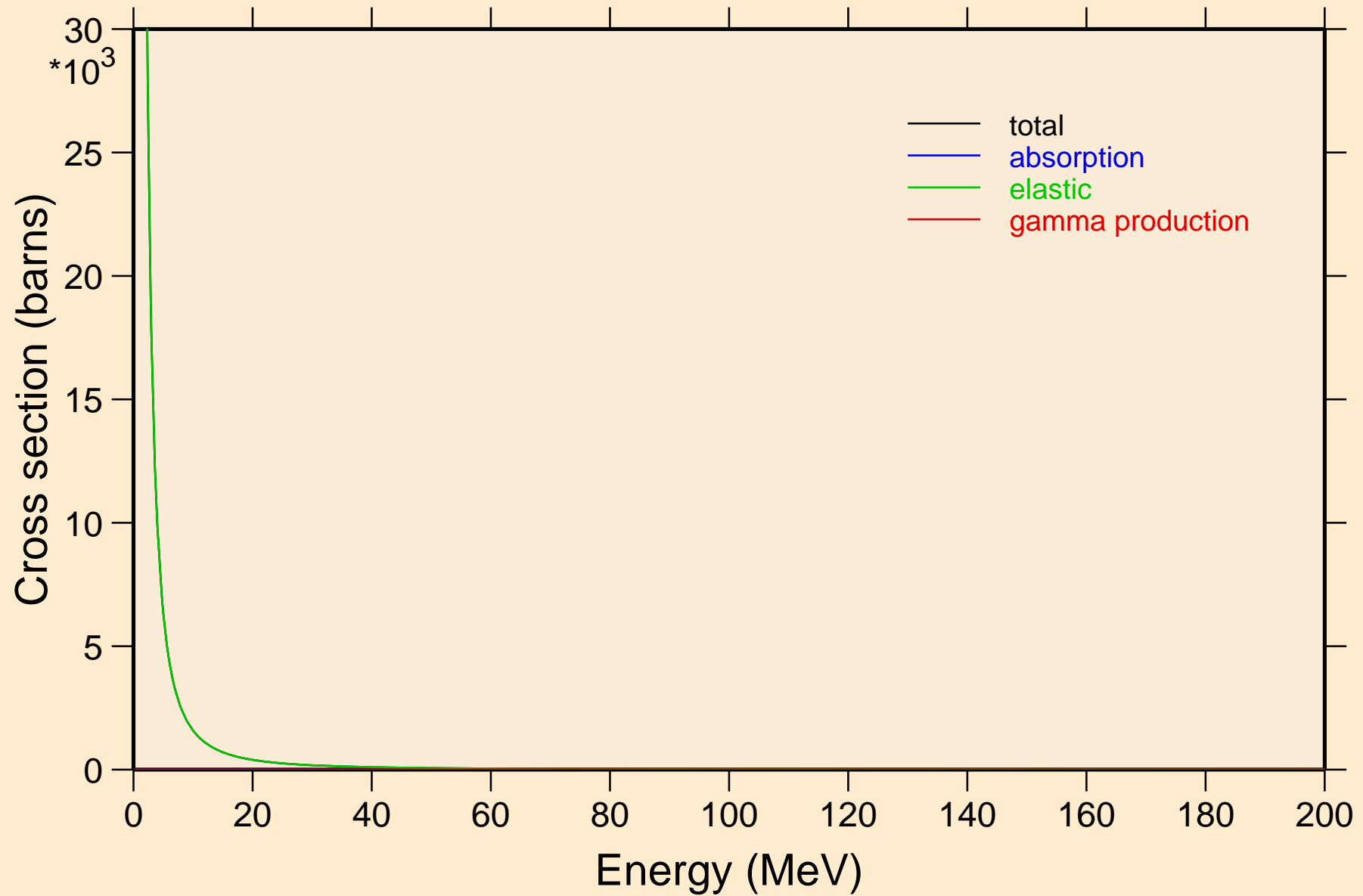
AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K

Heating



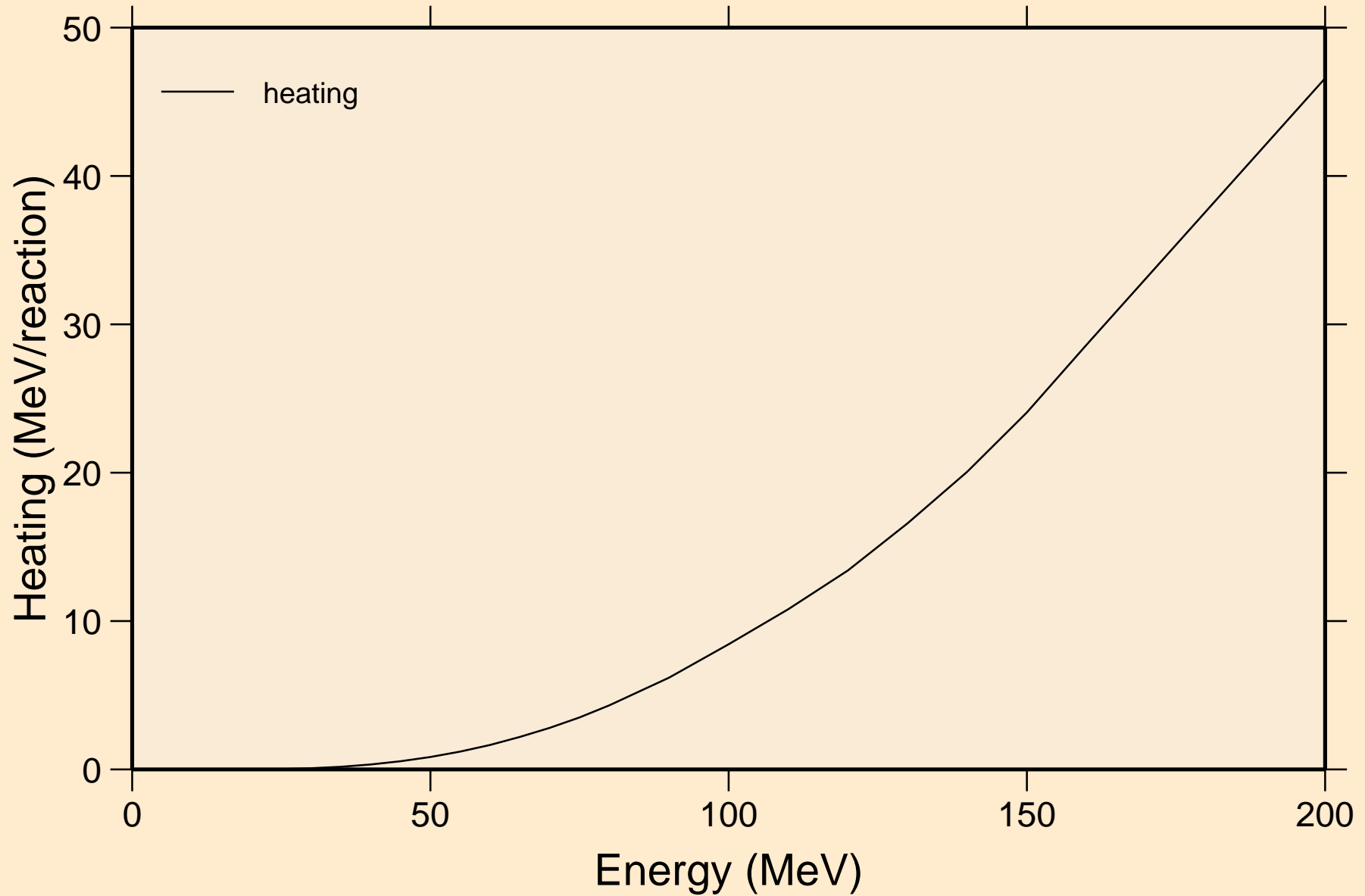
# AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

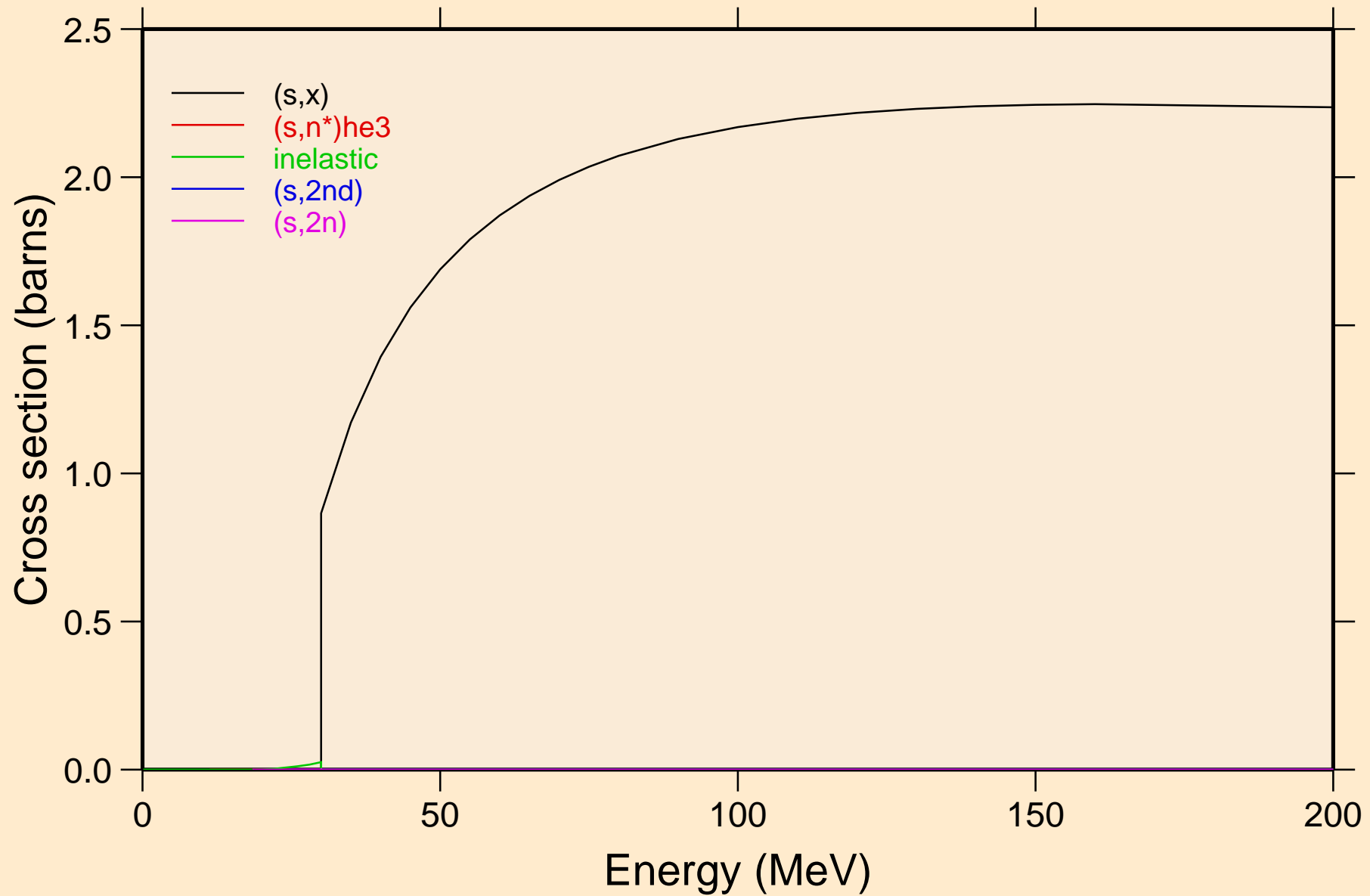


AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K

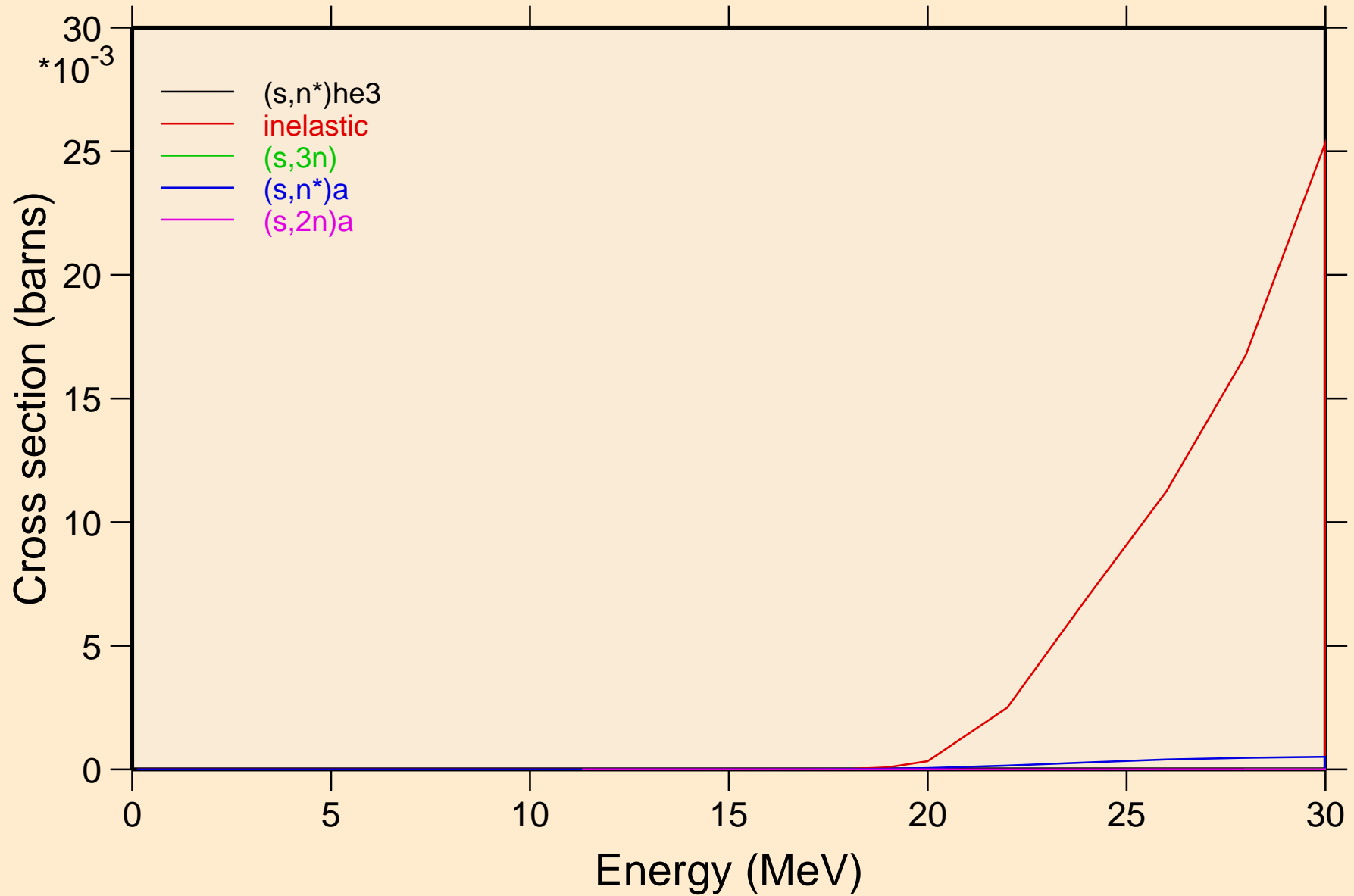
Heating



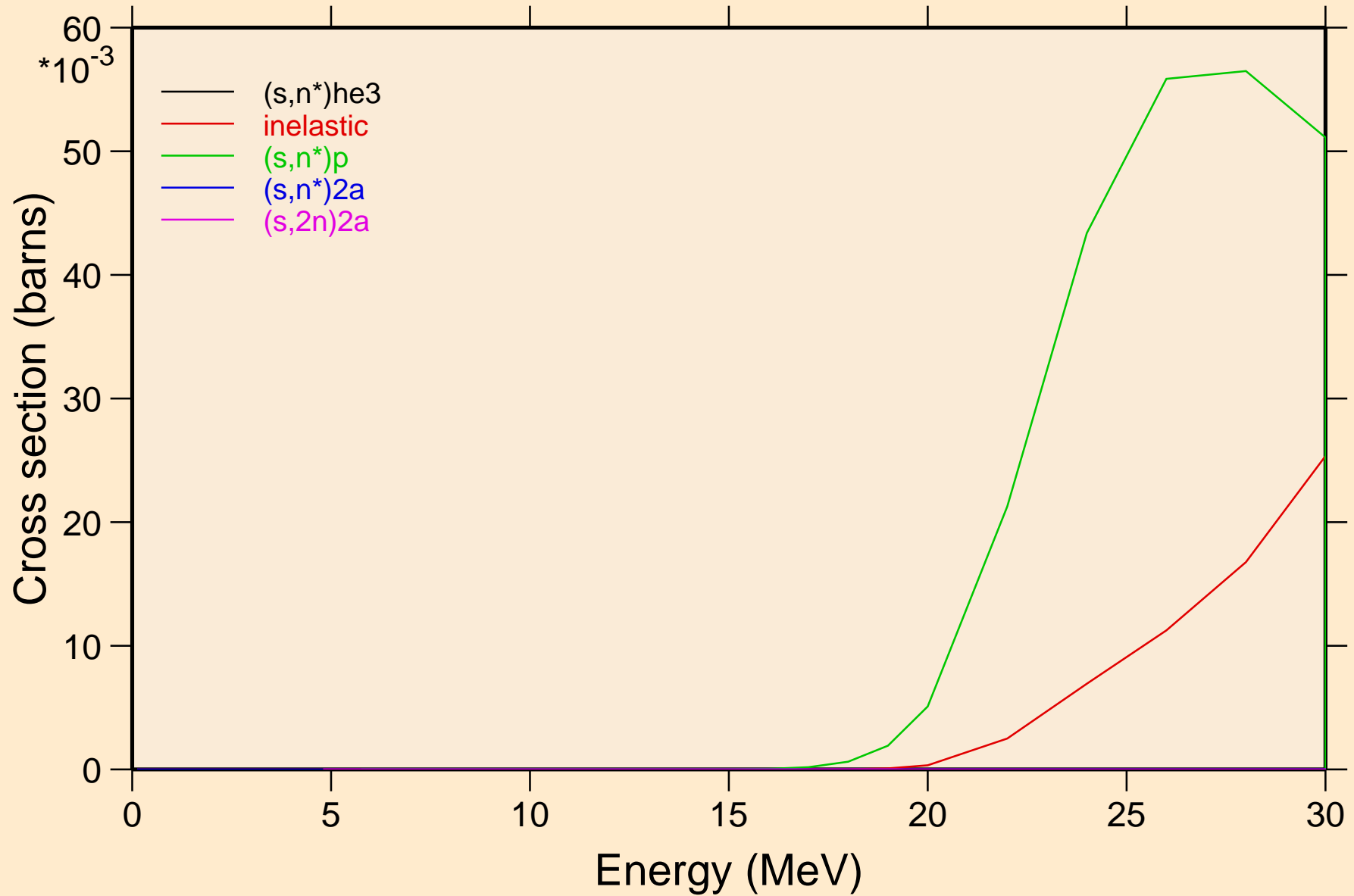
AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



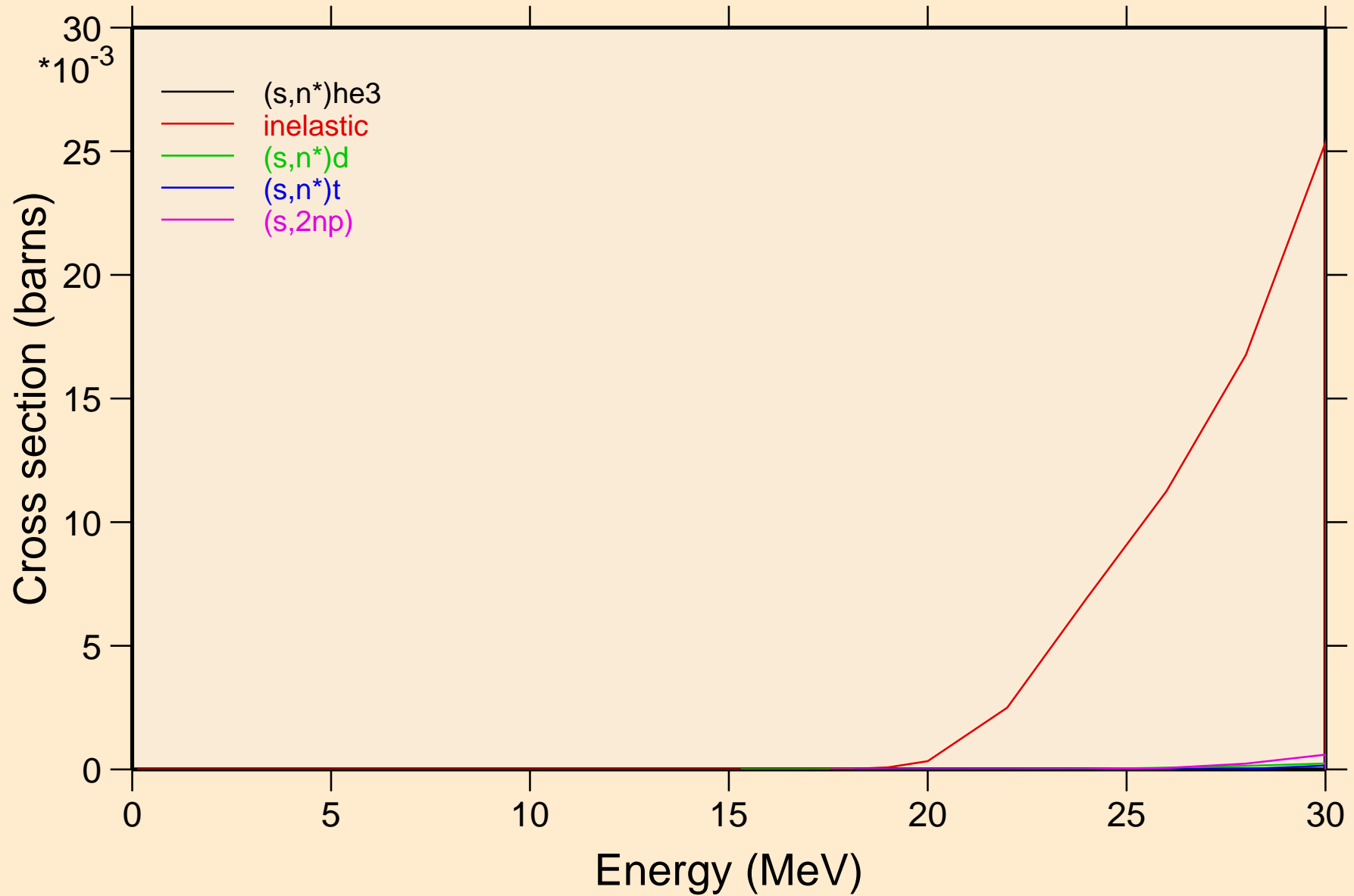
AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

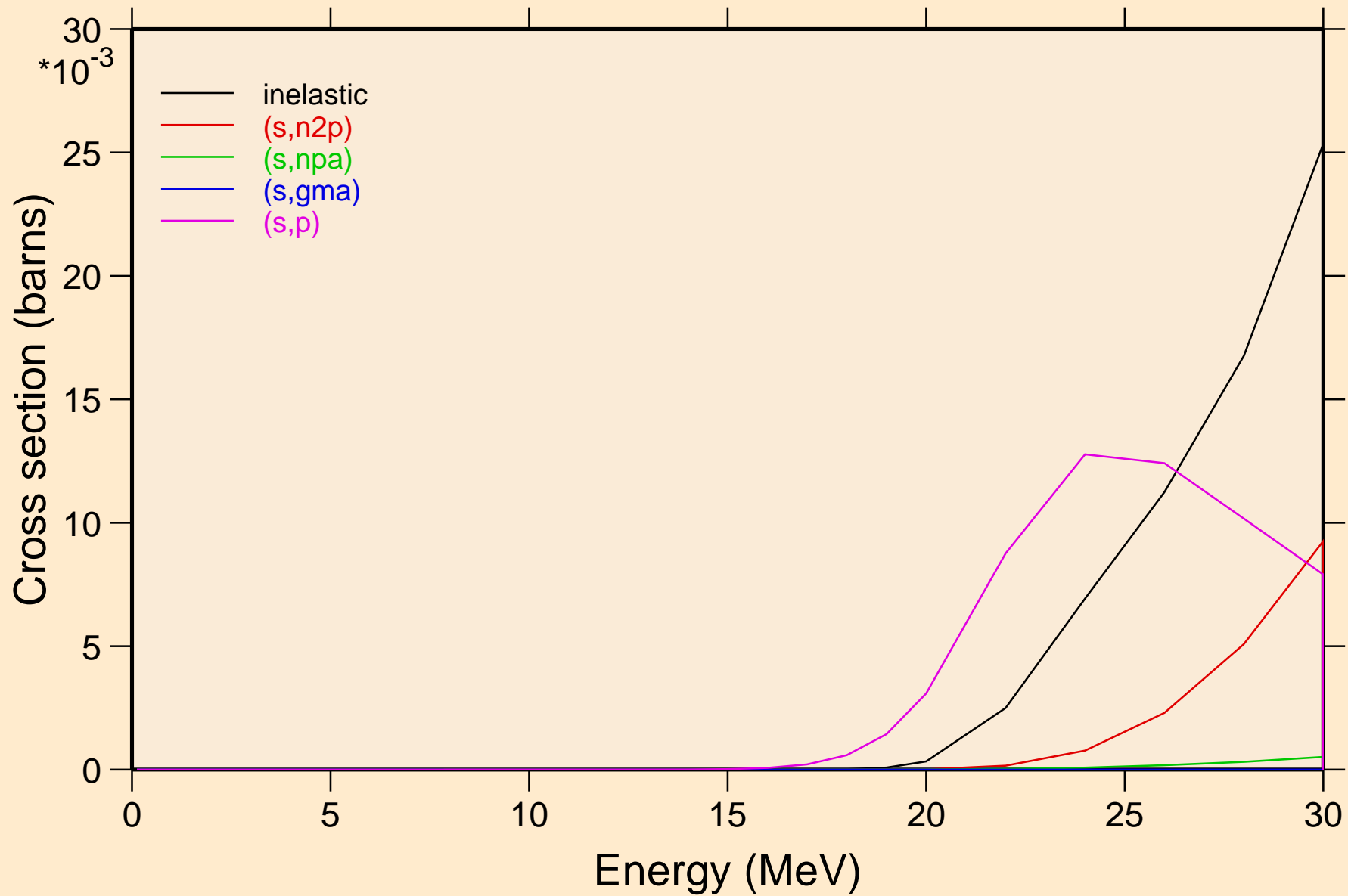


AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

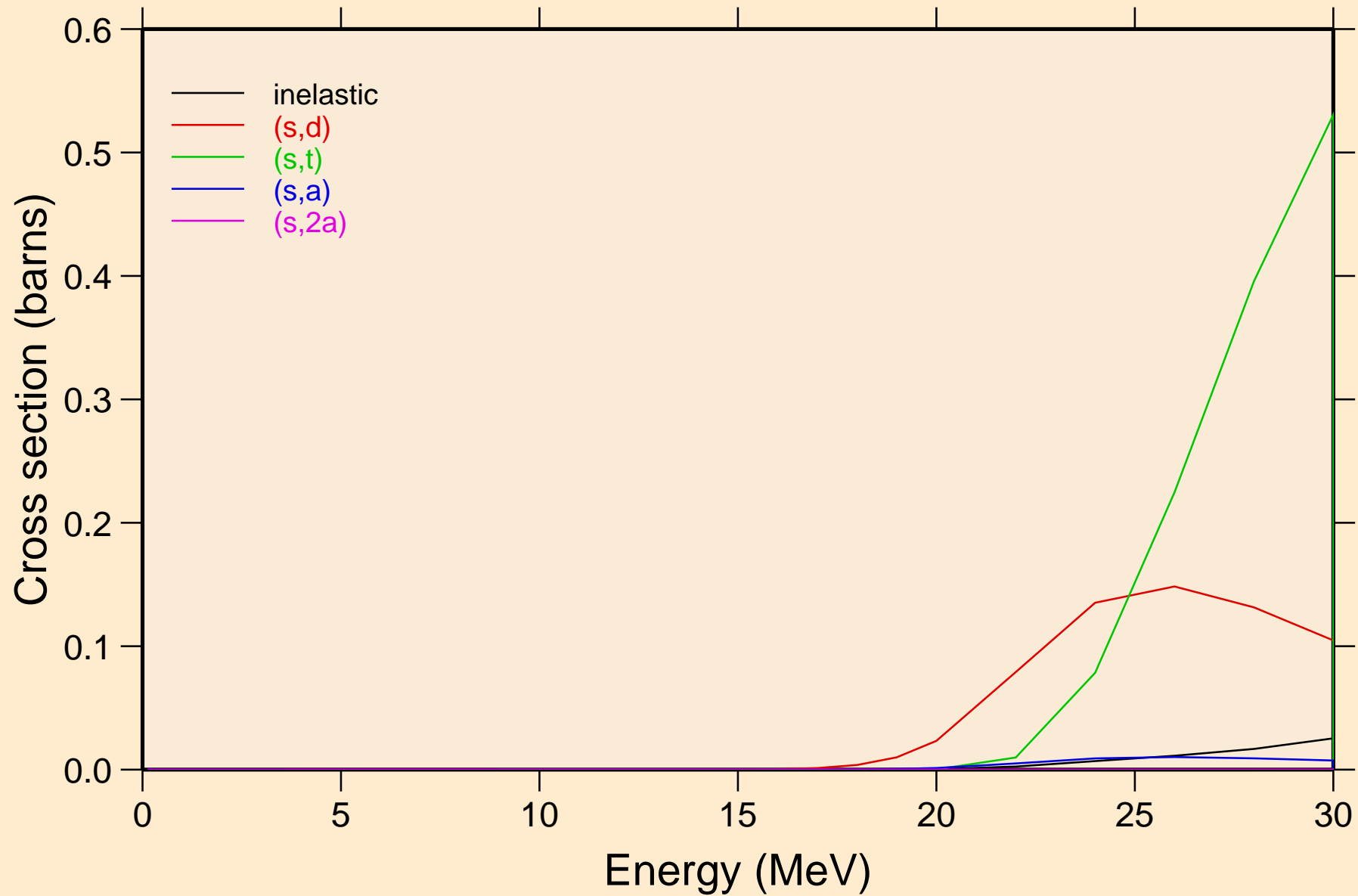




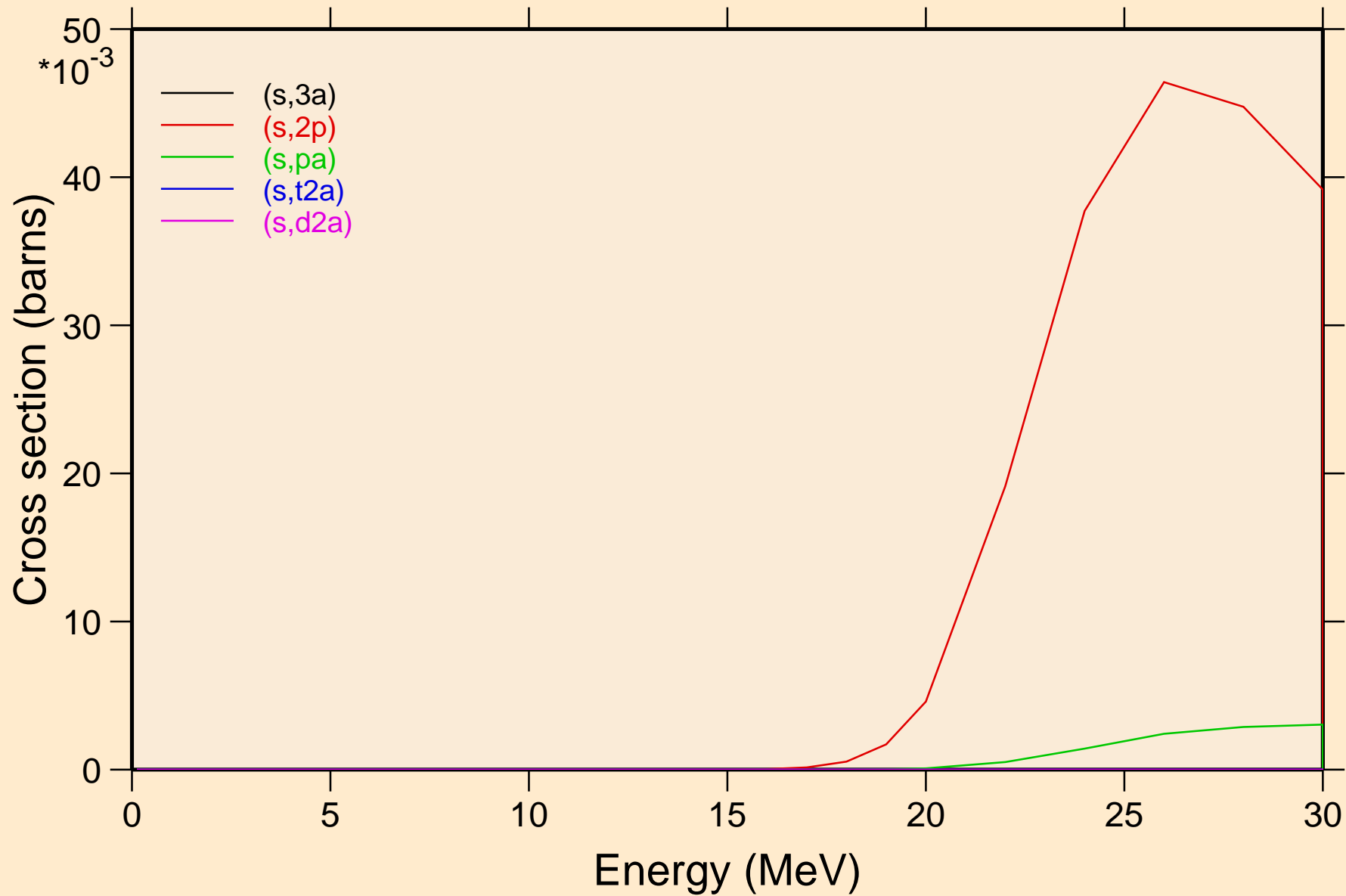
AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



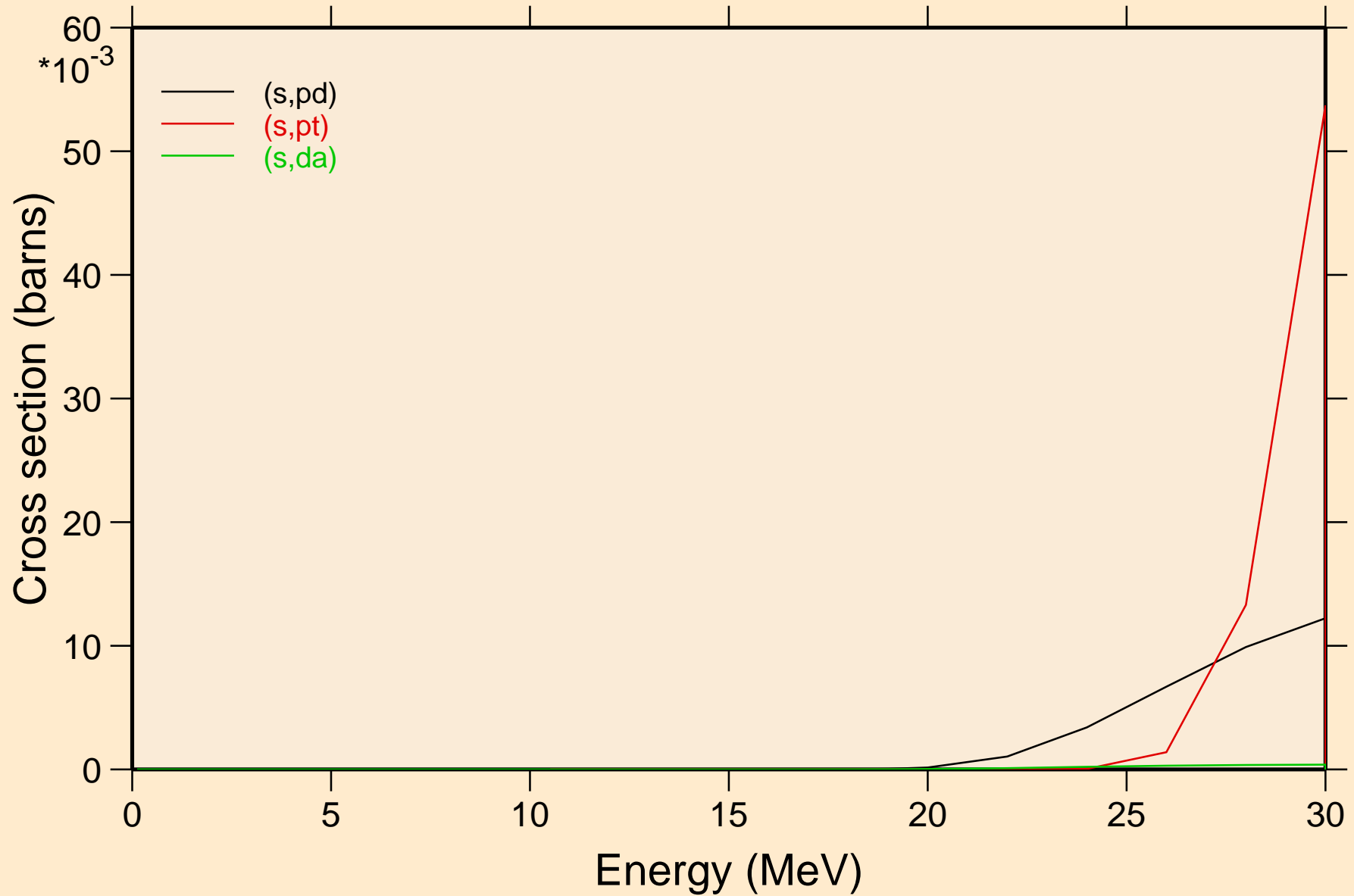
AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



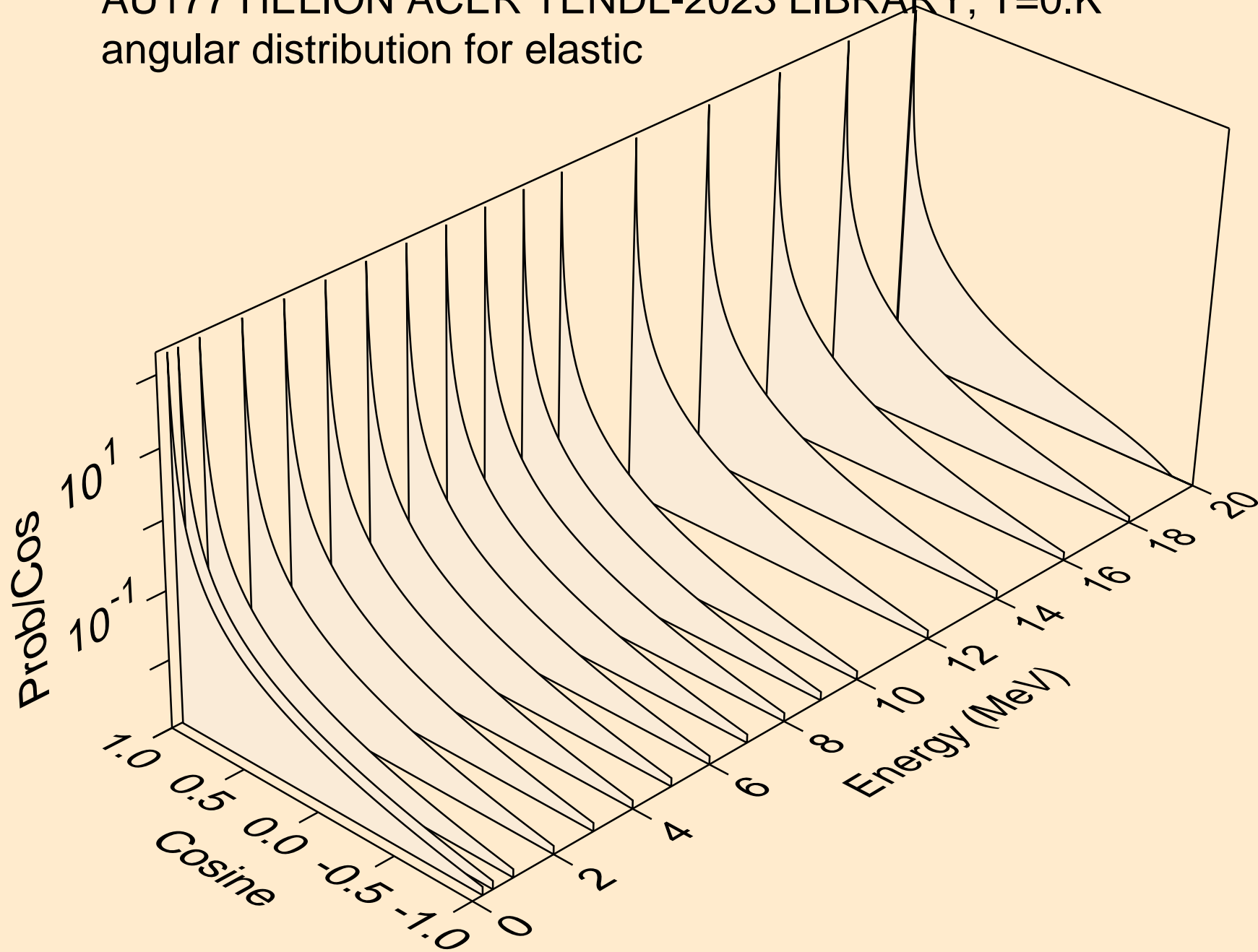
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Threshold reactions



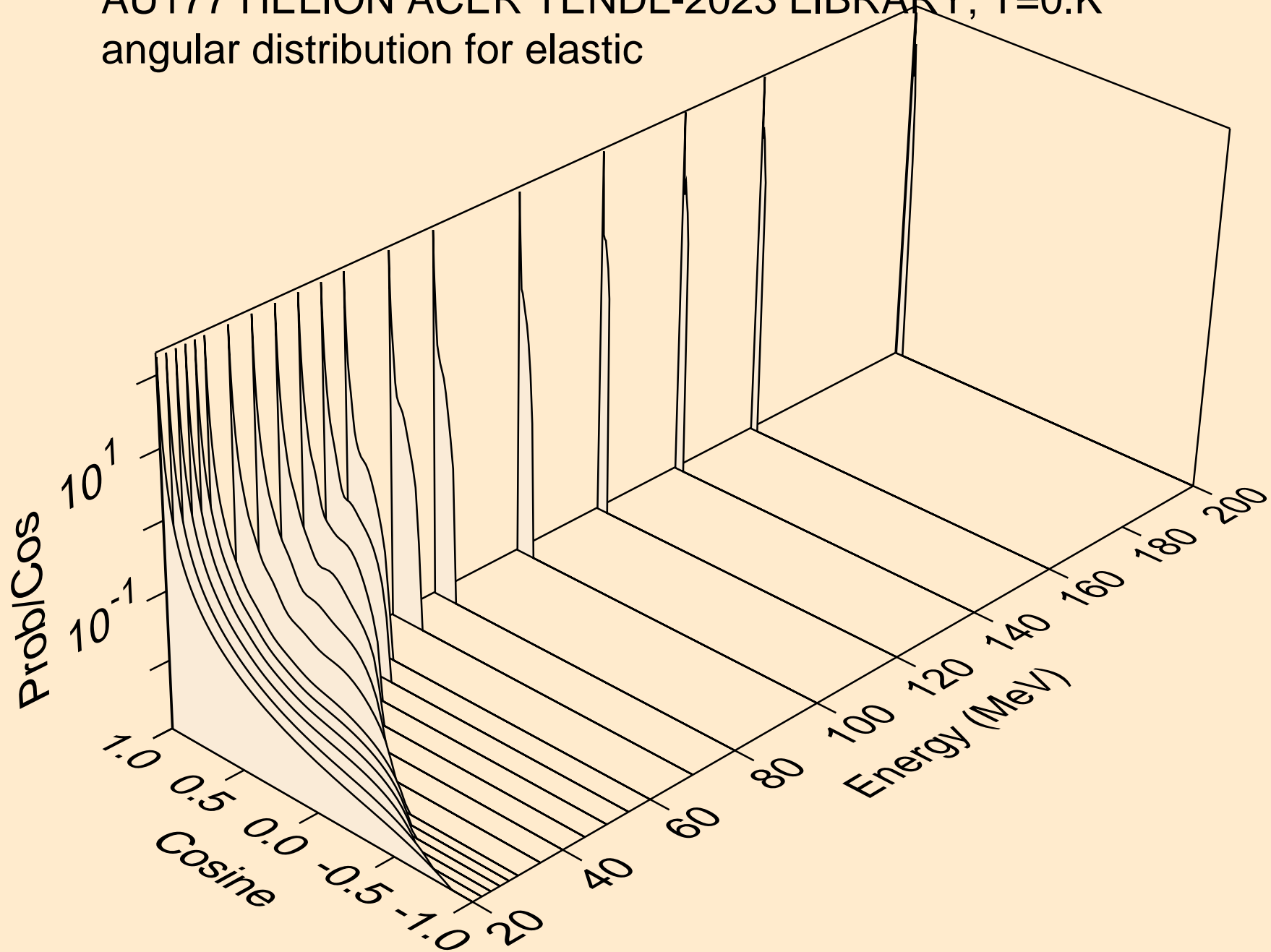
AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



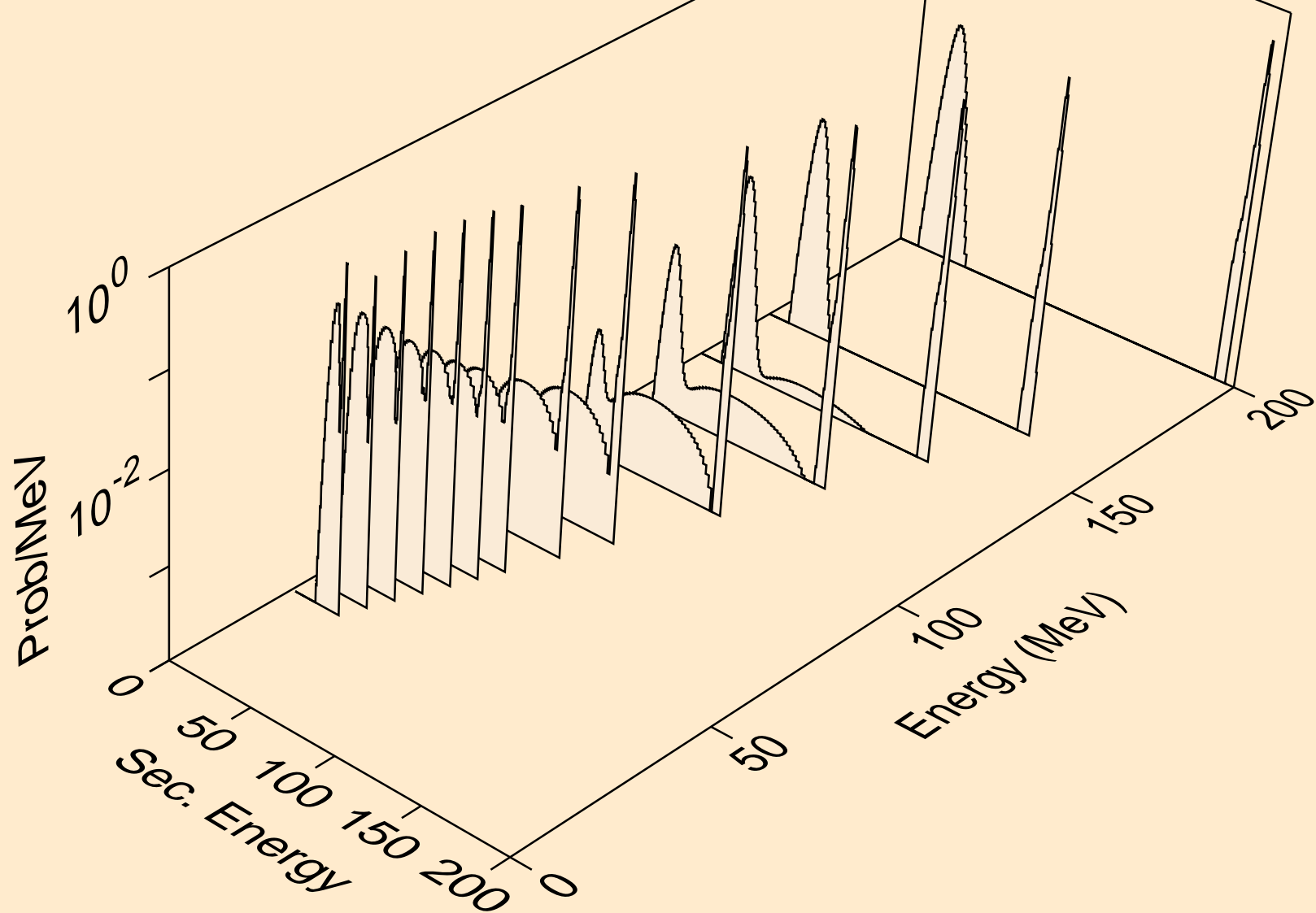
AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



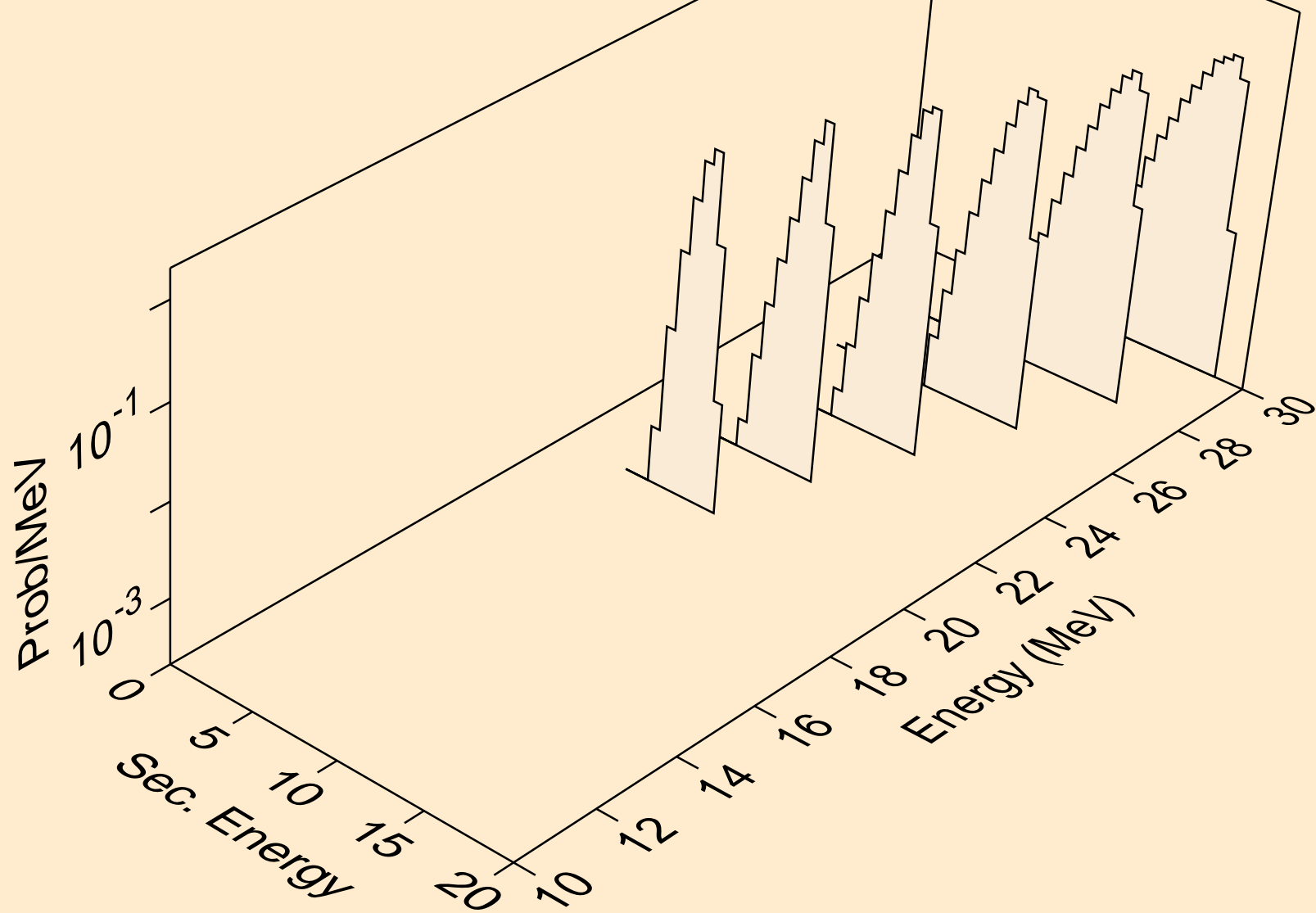
AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,x)

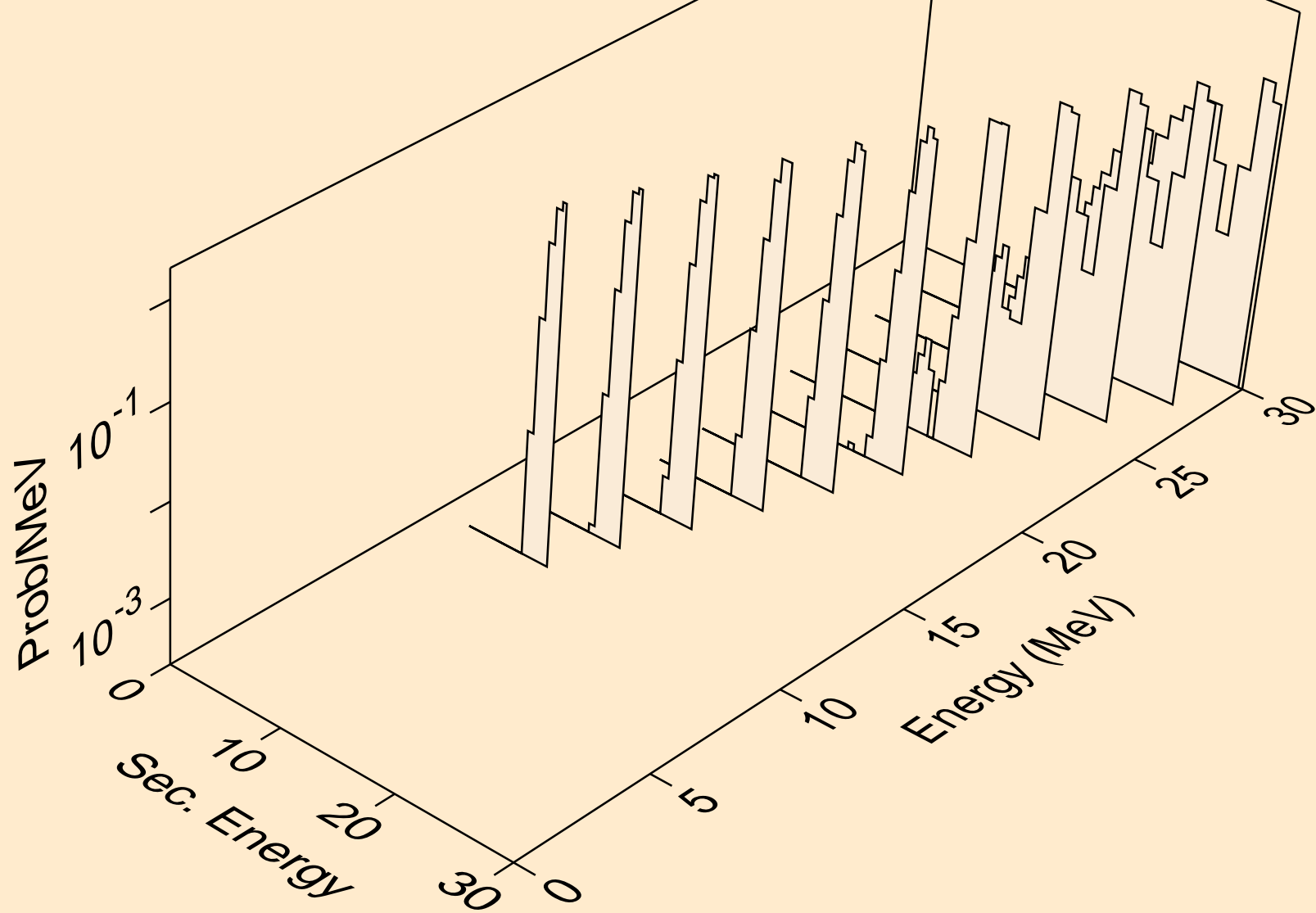


AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

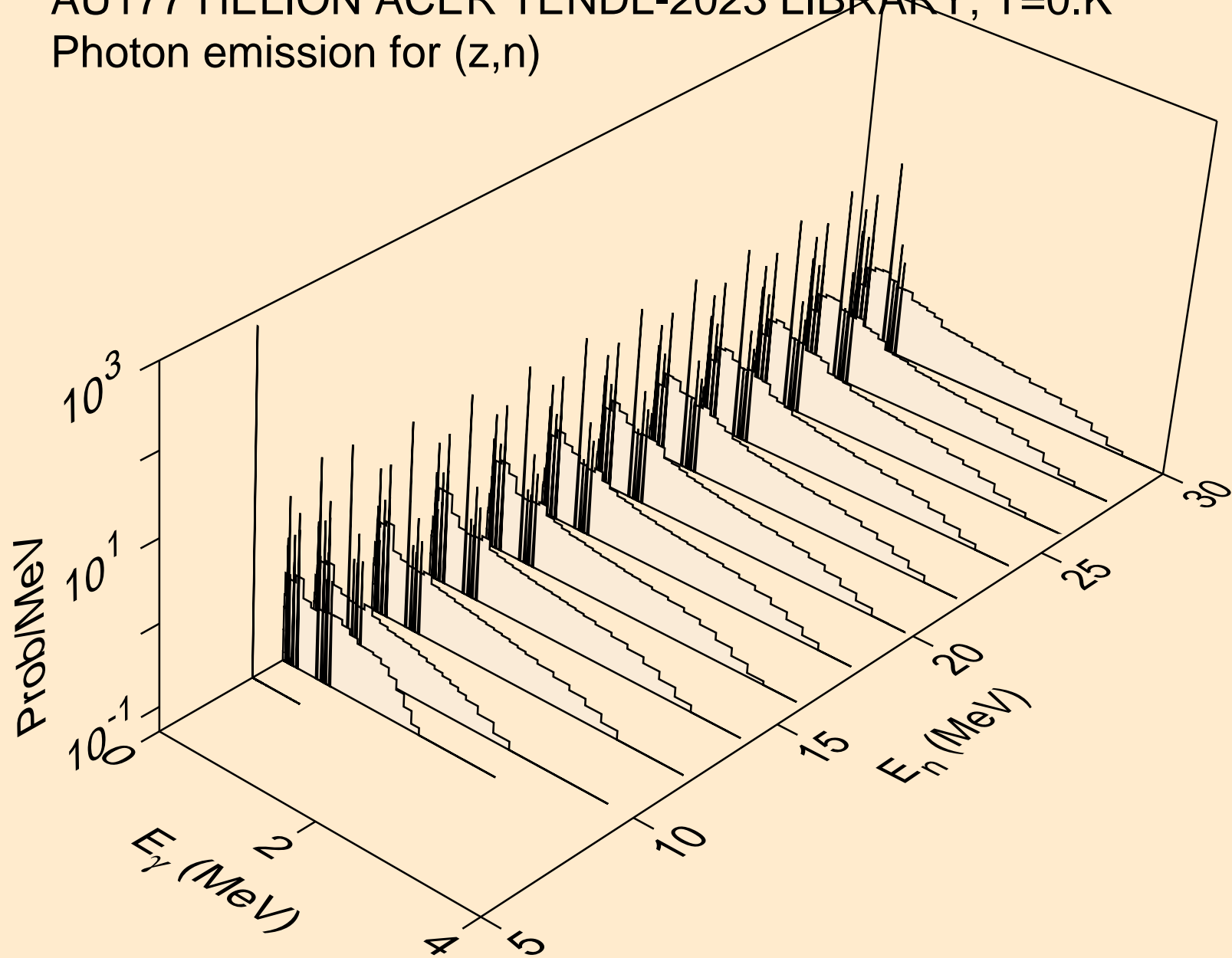




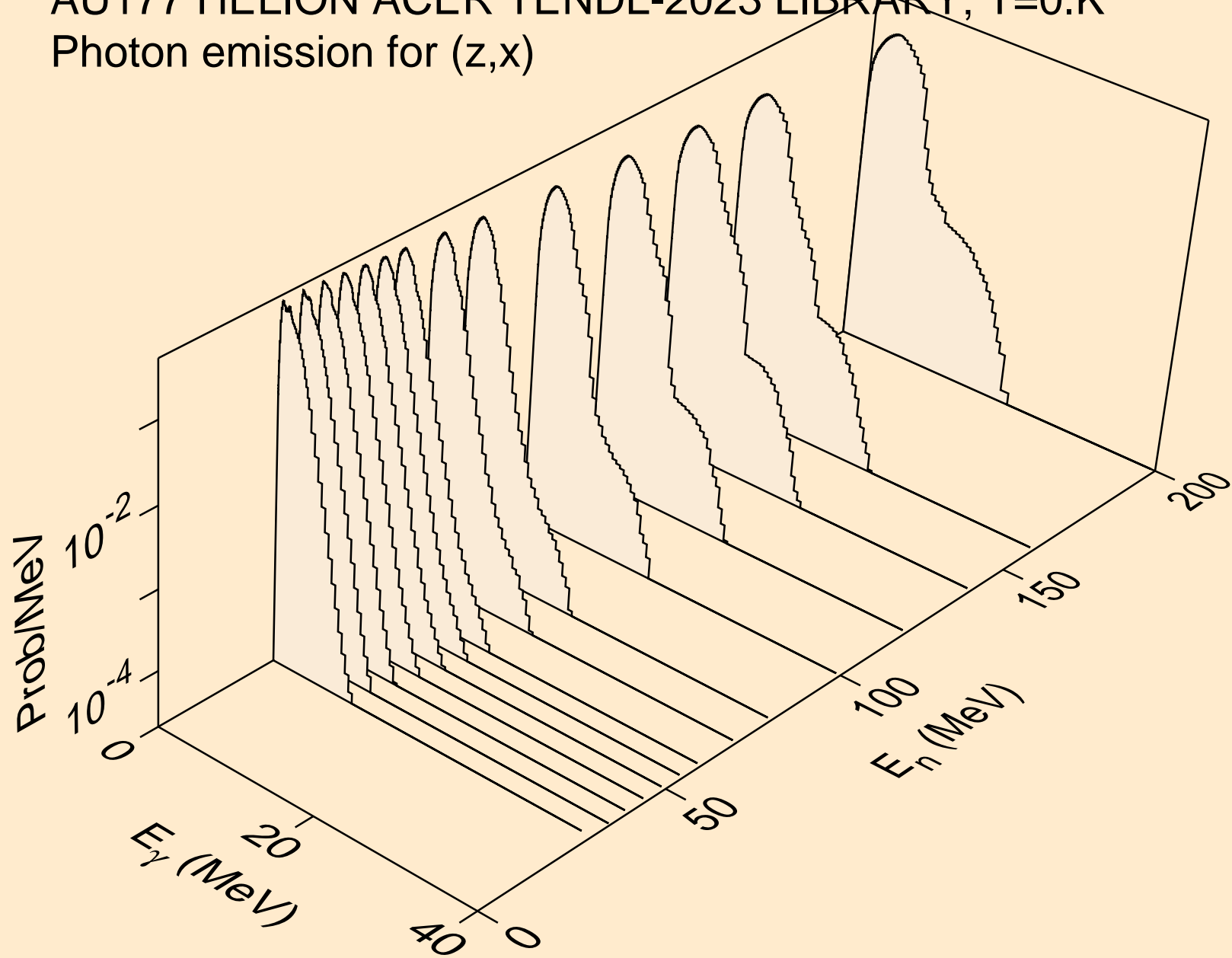
AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for inelastic



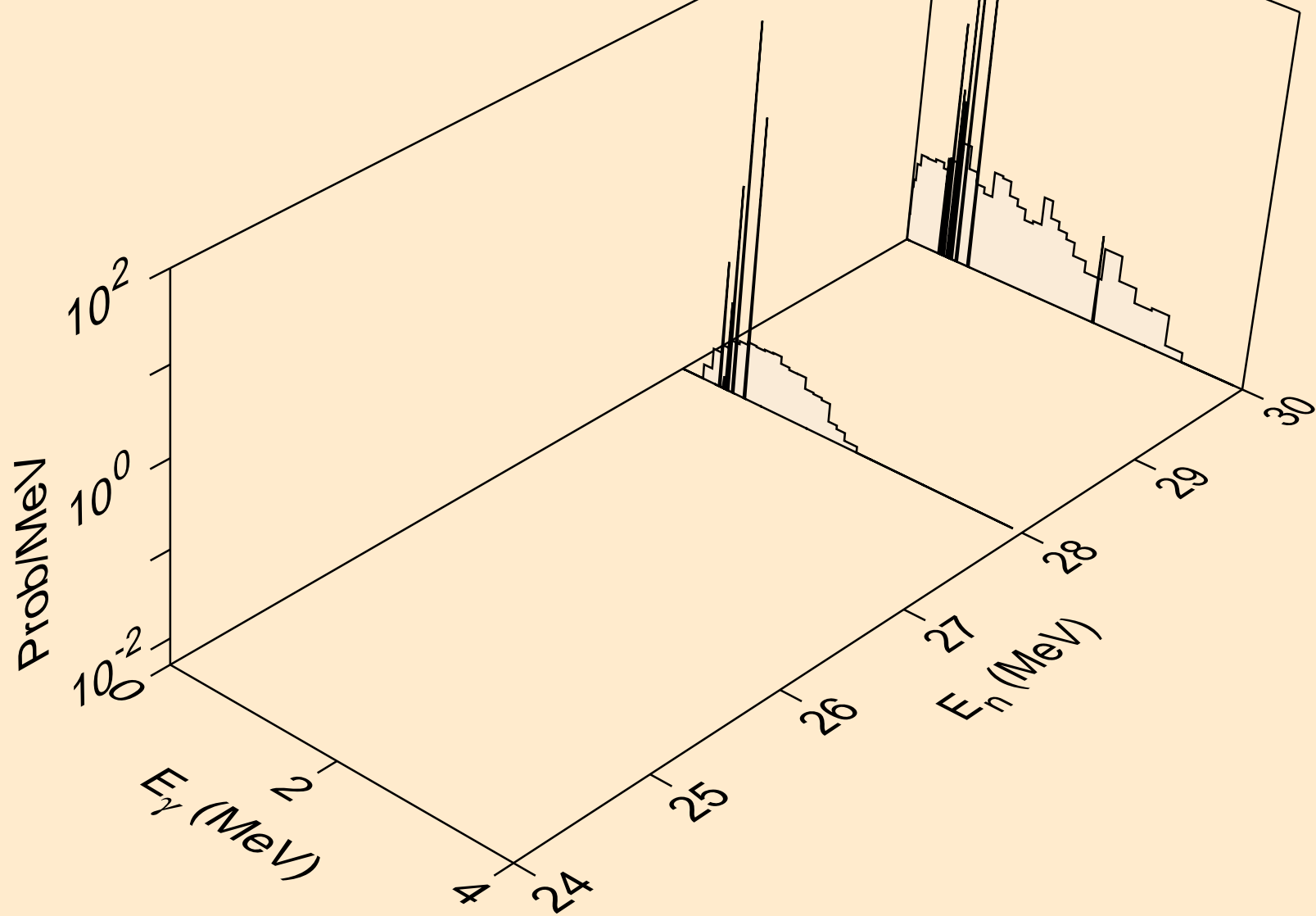
AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



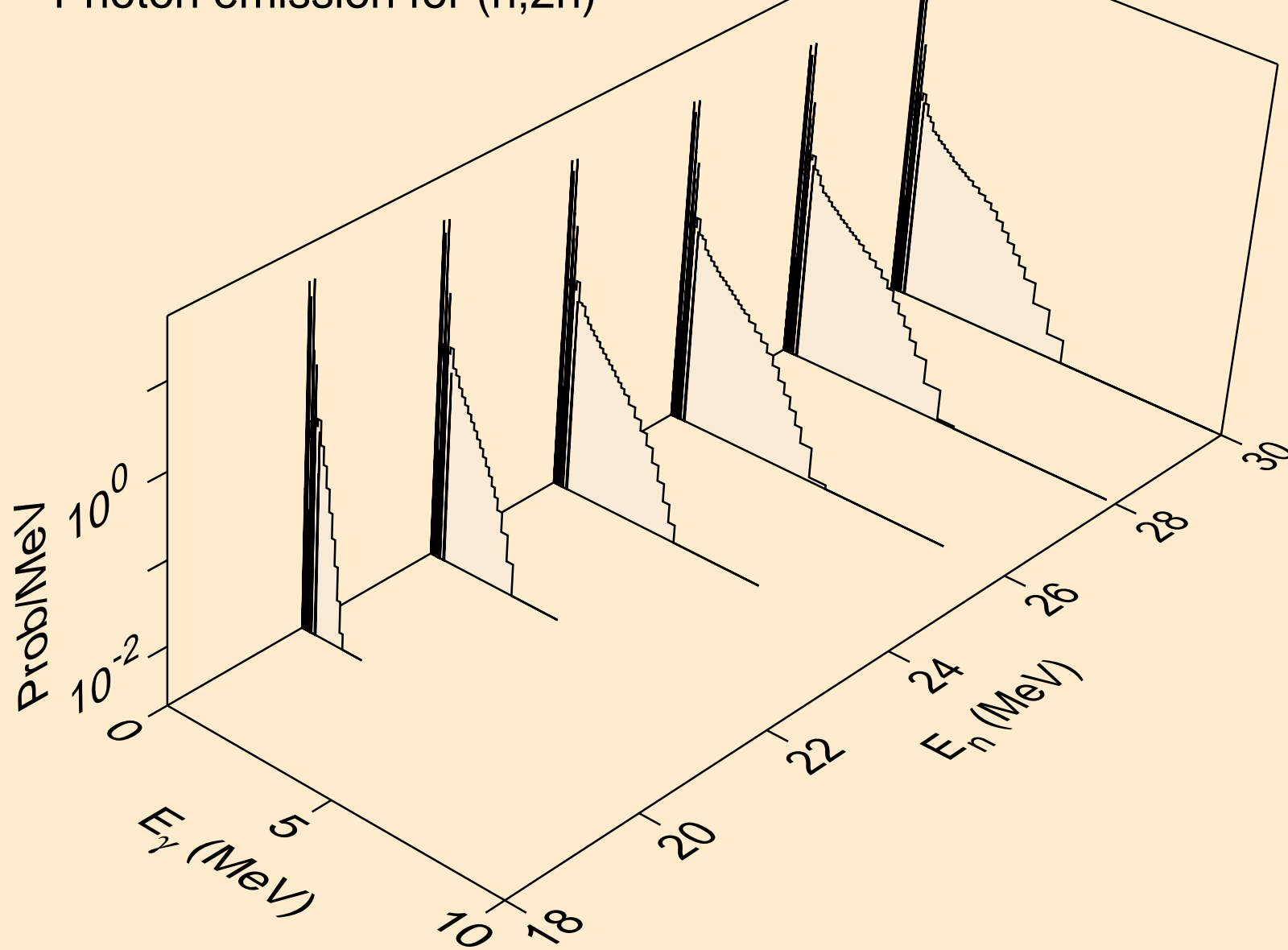
AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



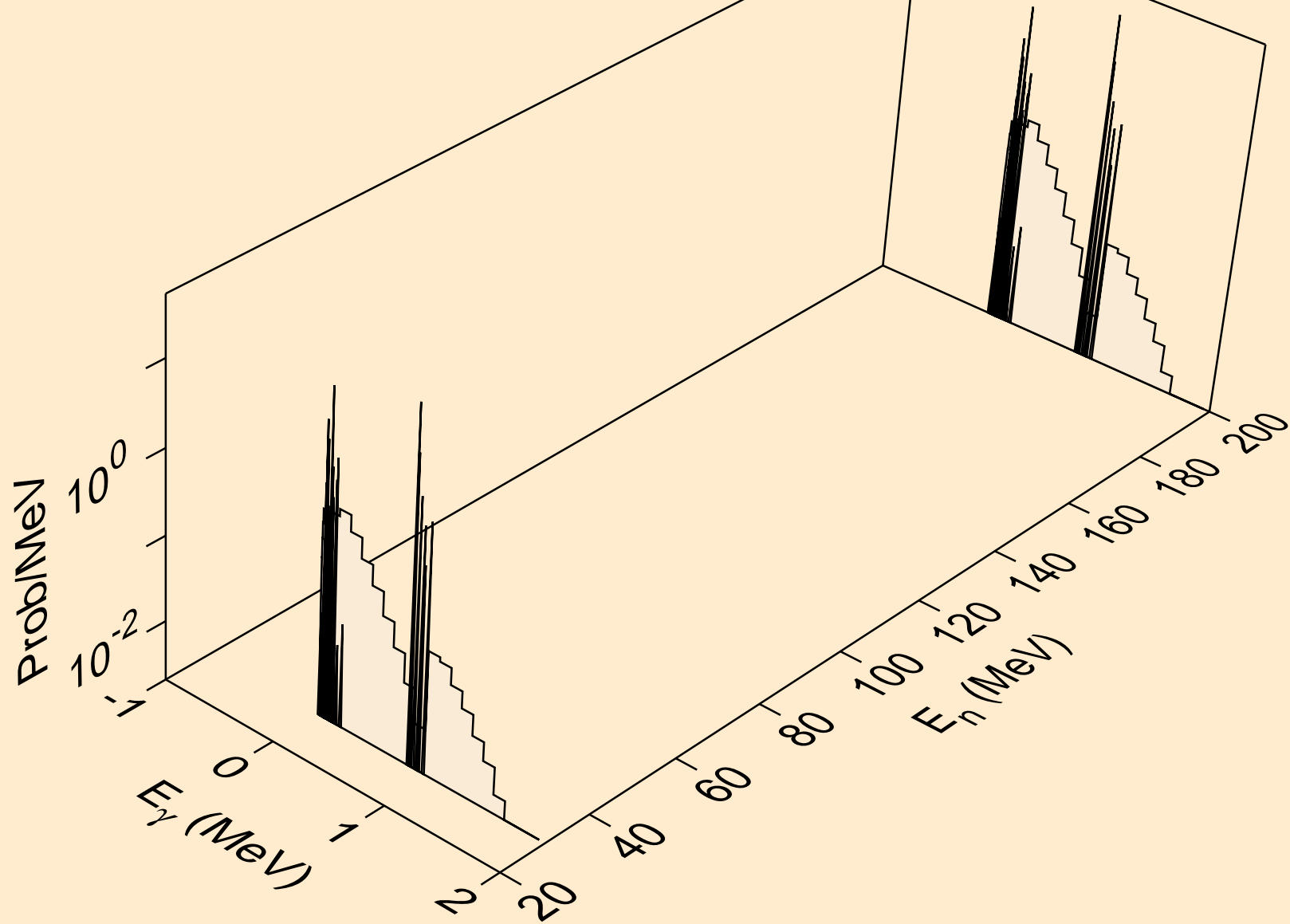
AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



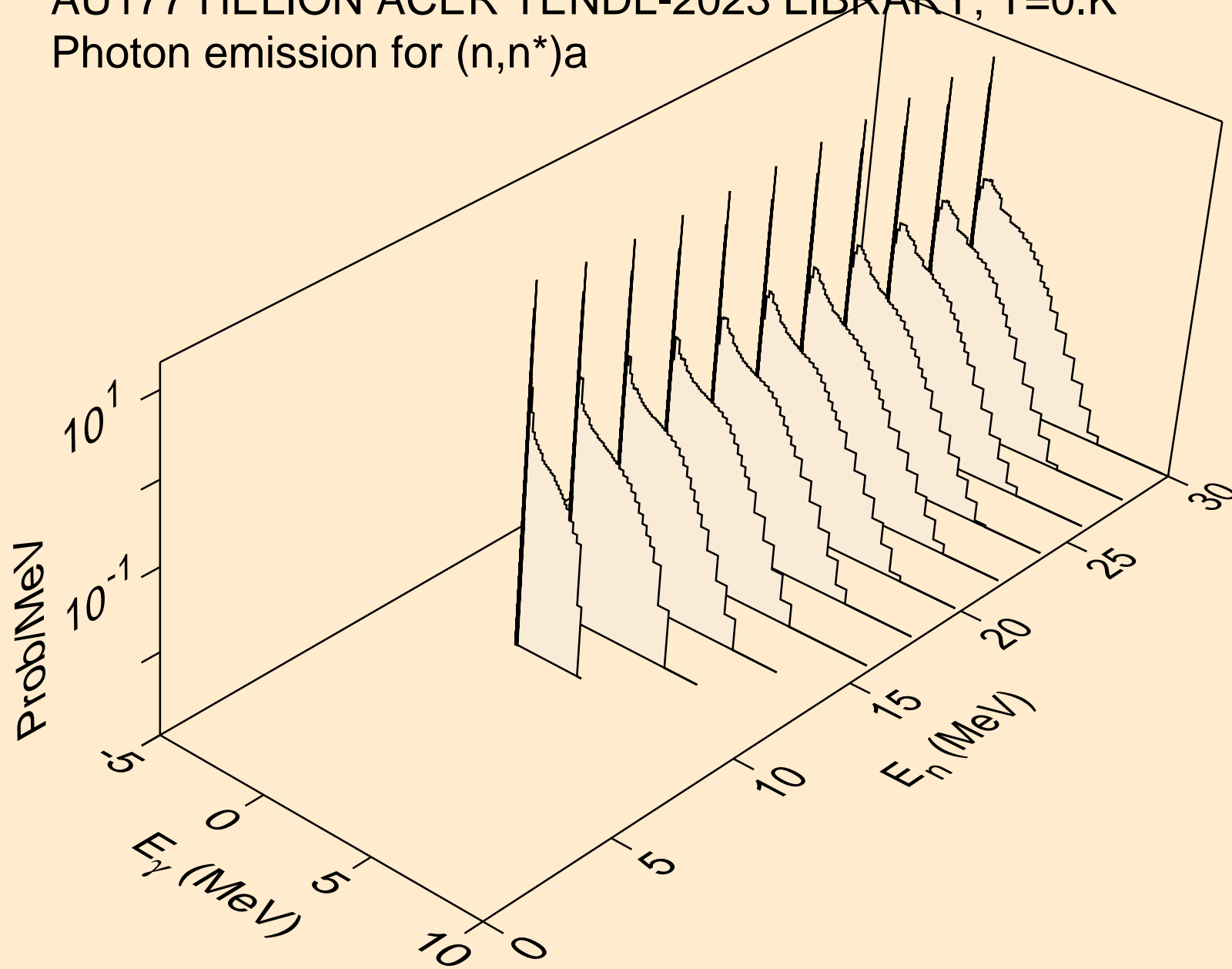
AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



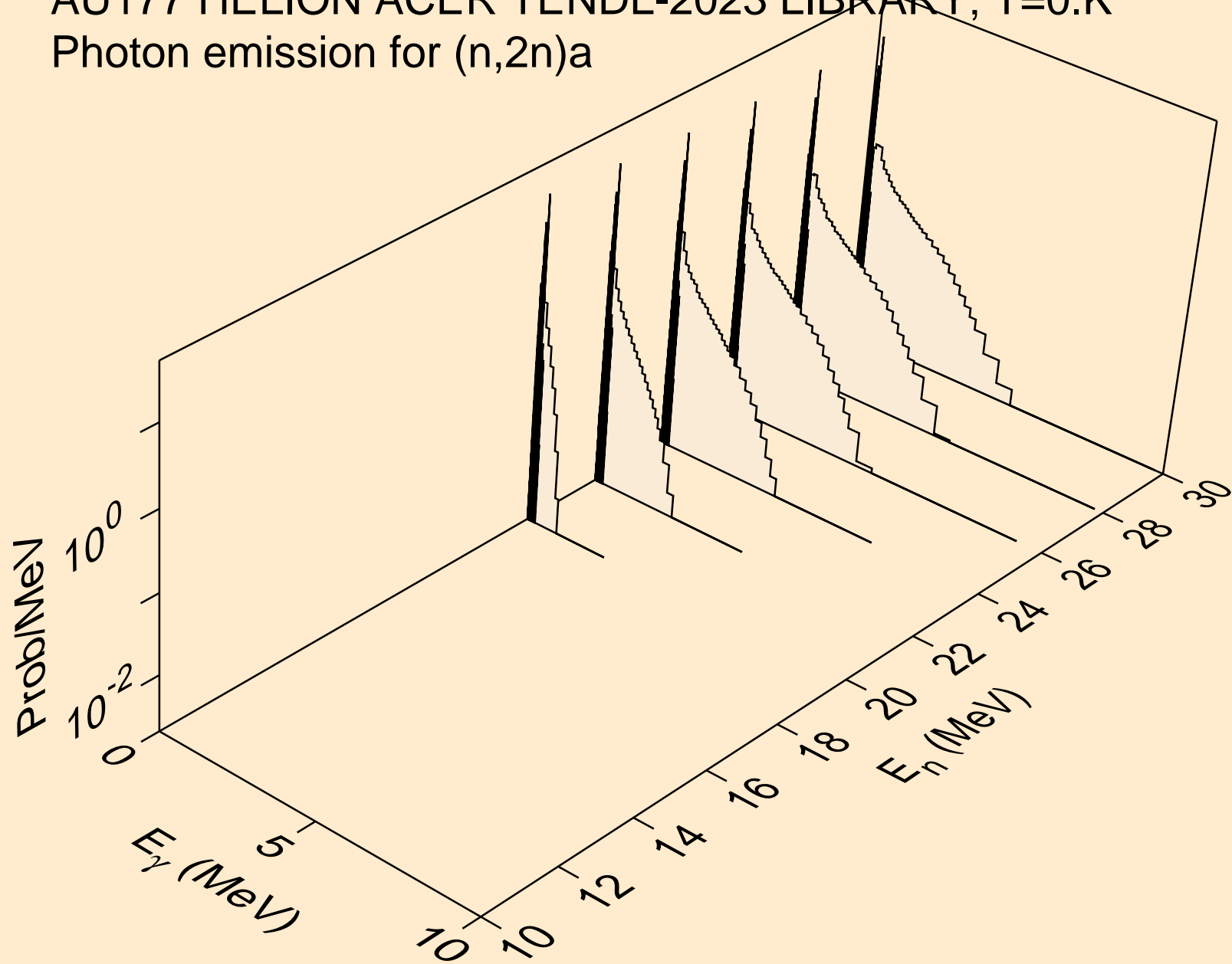
AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

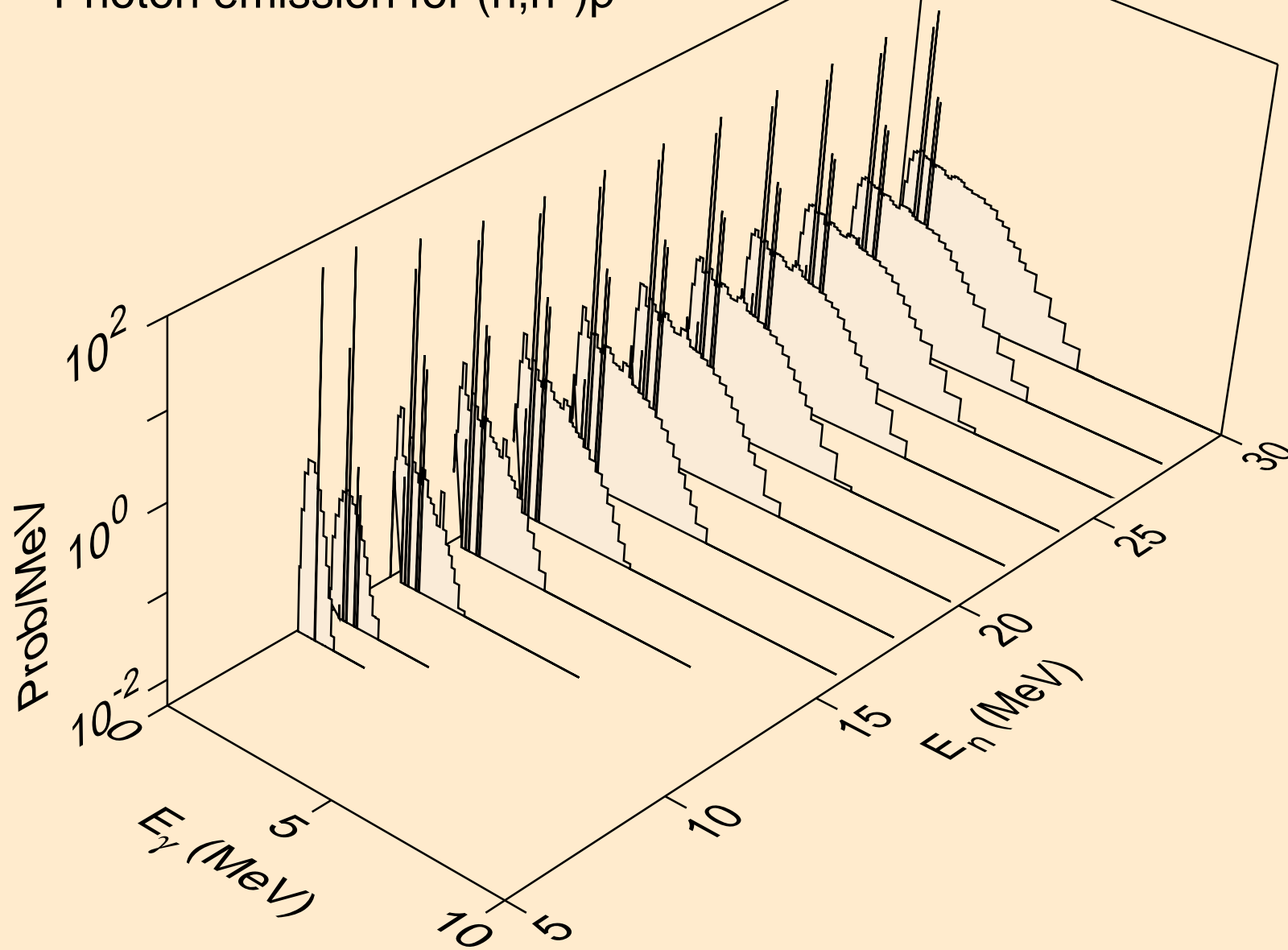


AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

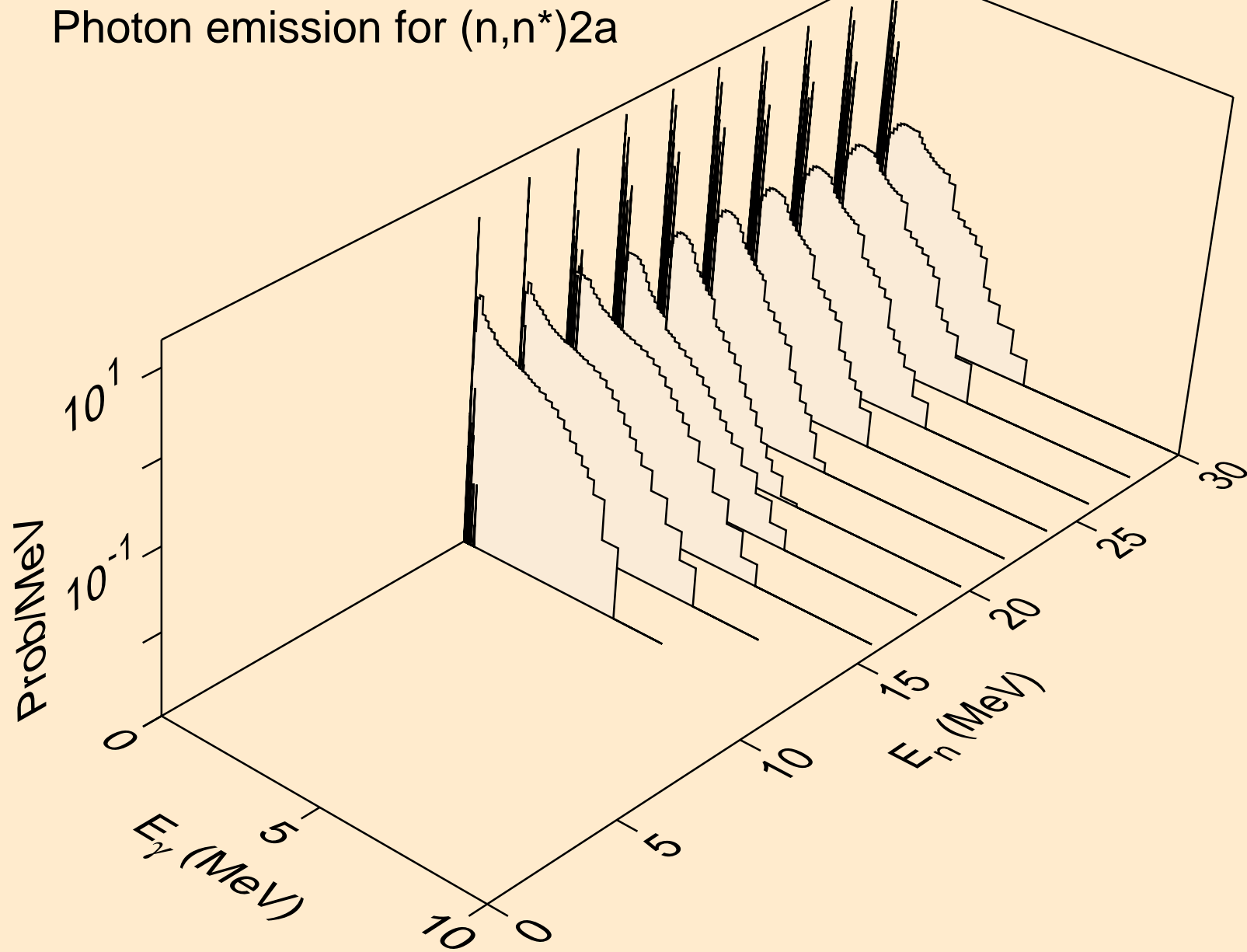




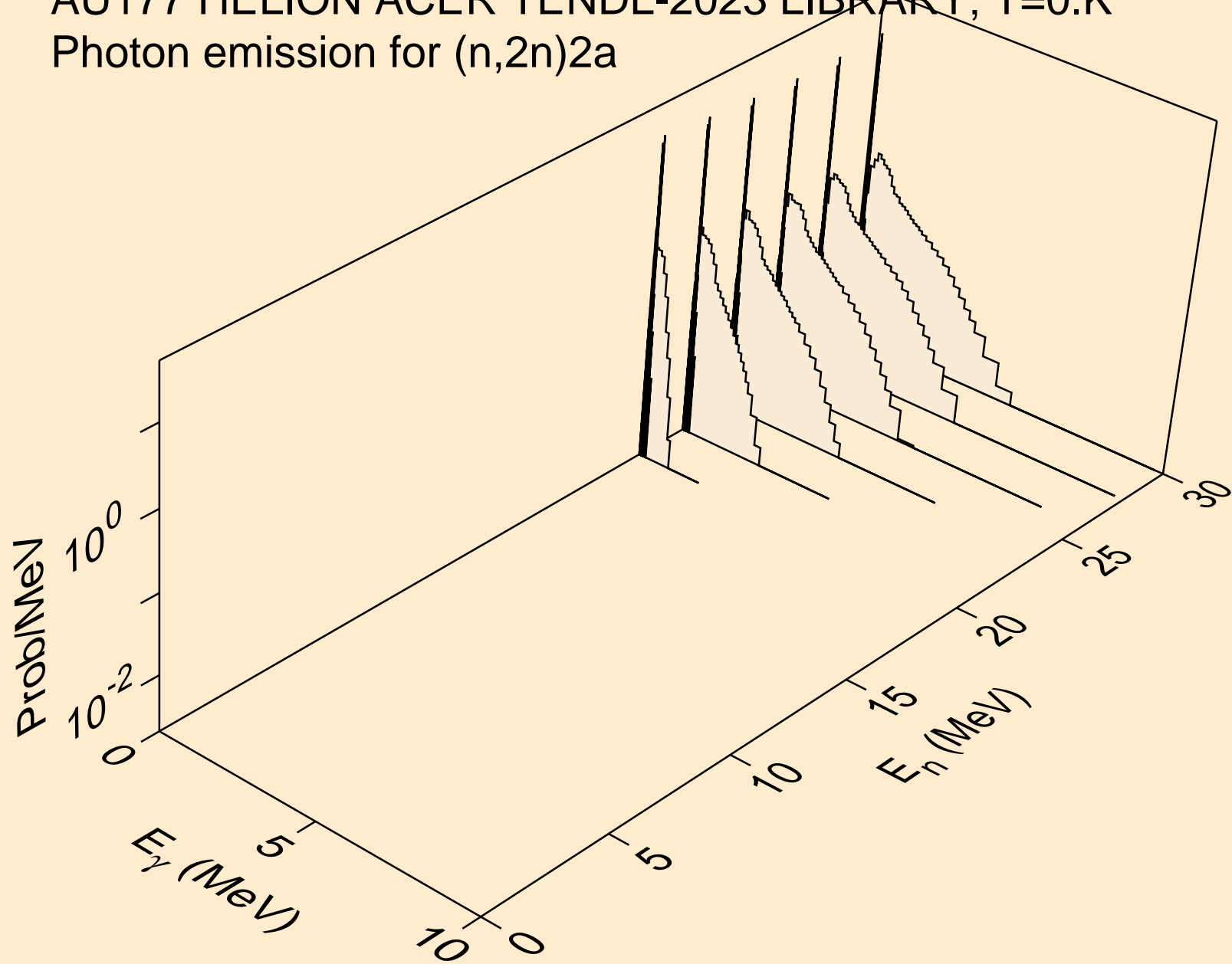
AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



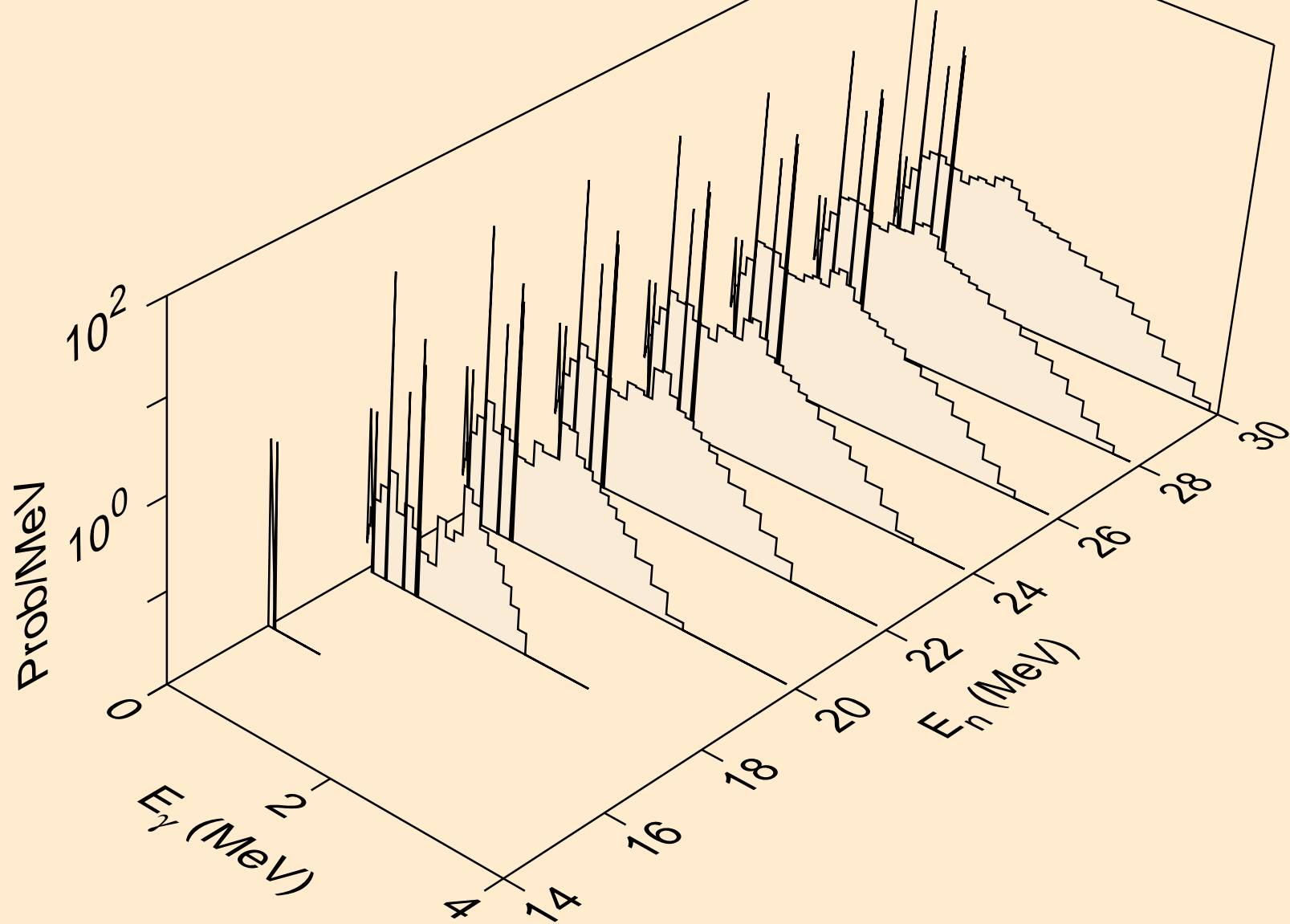
AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



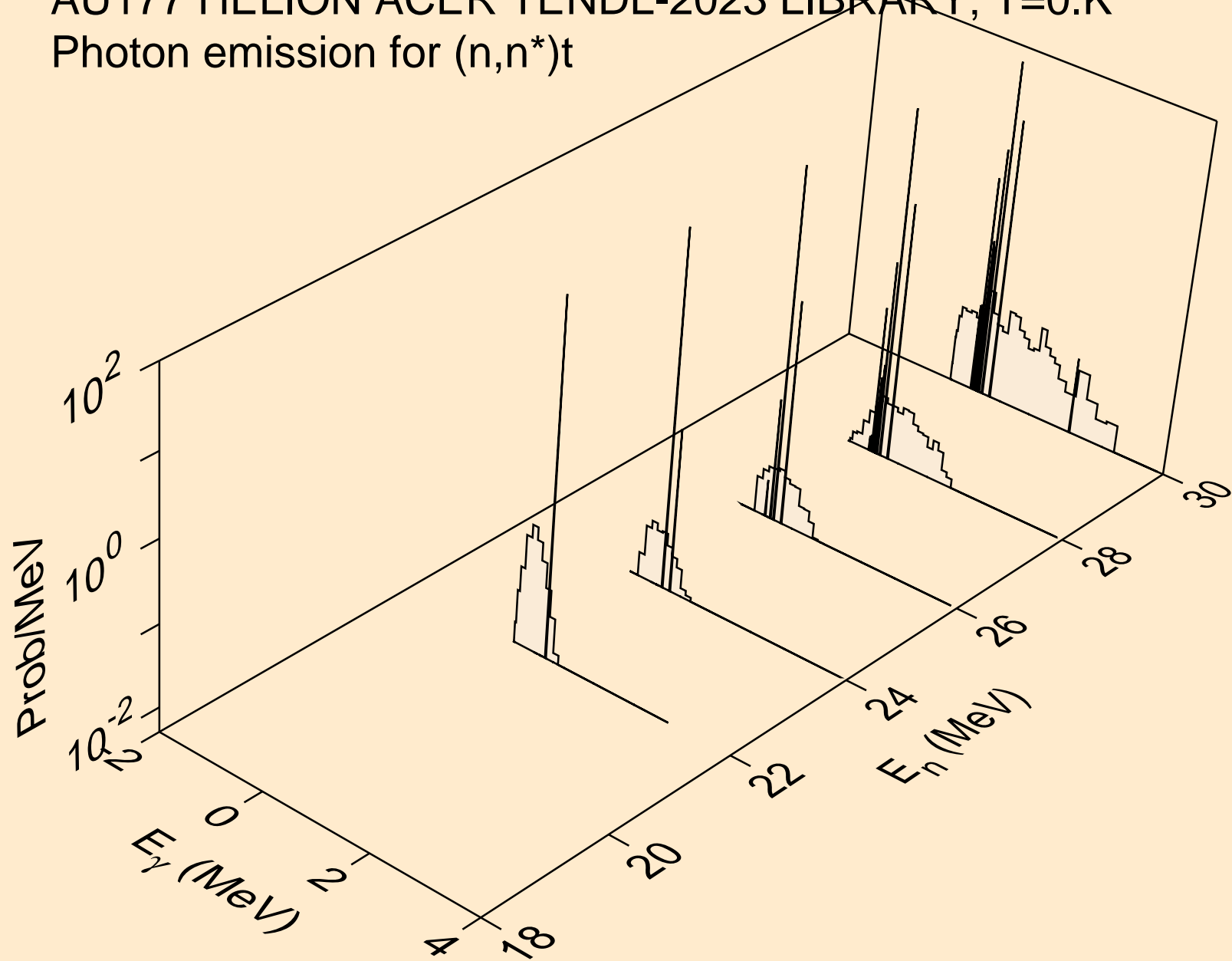
AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)2a



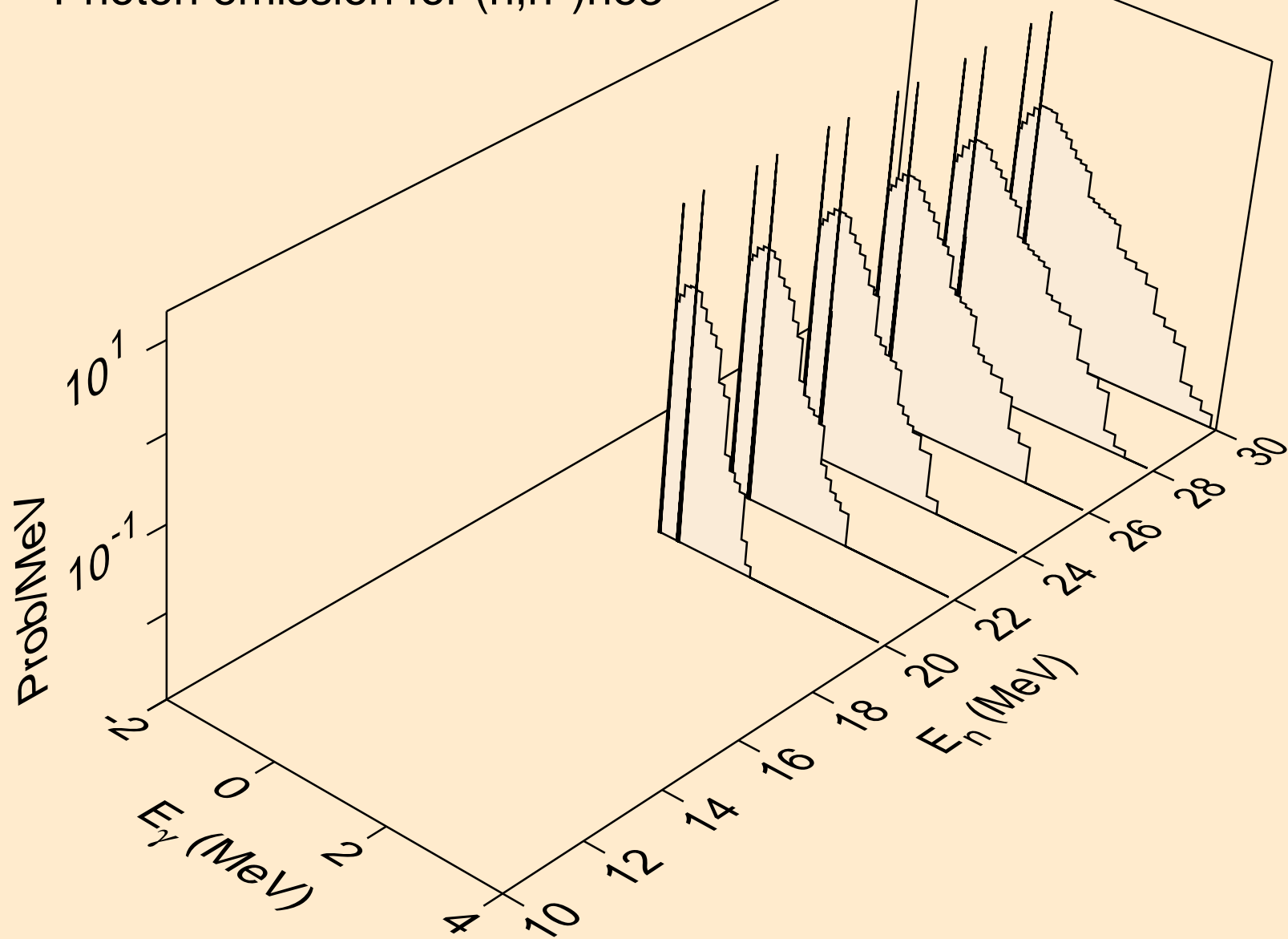
AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



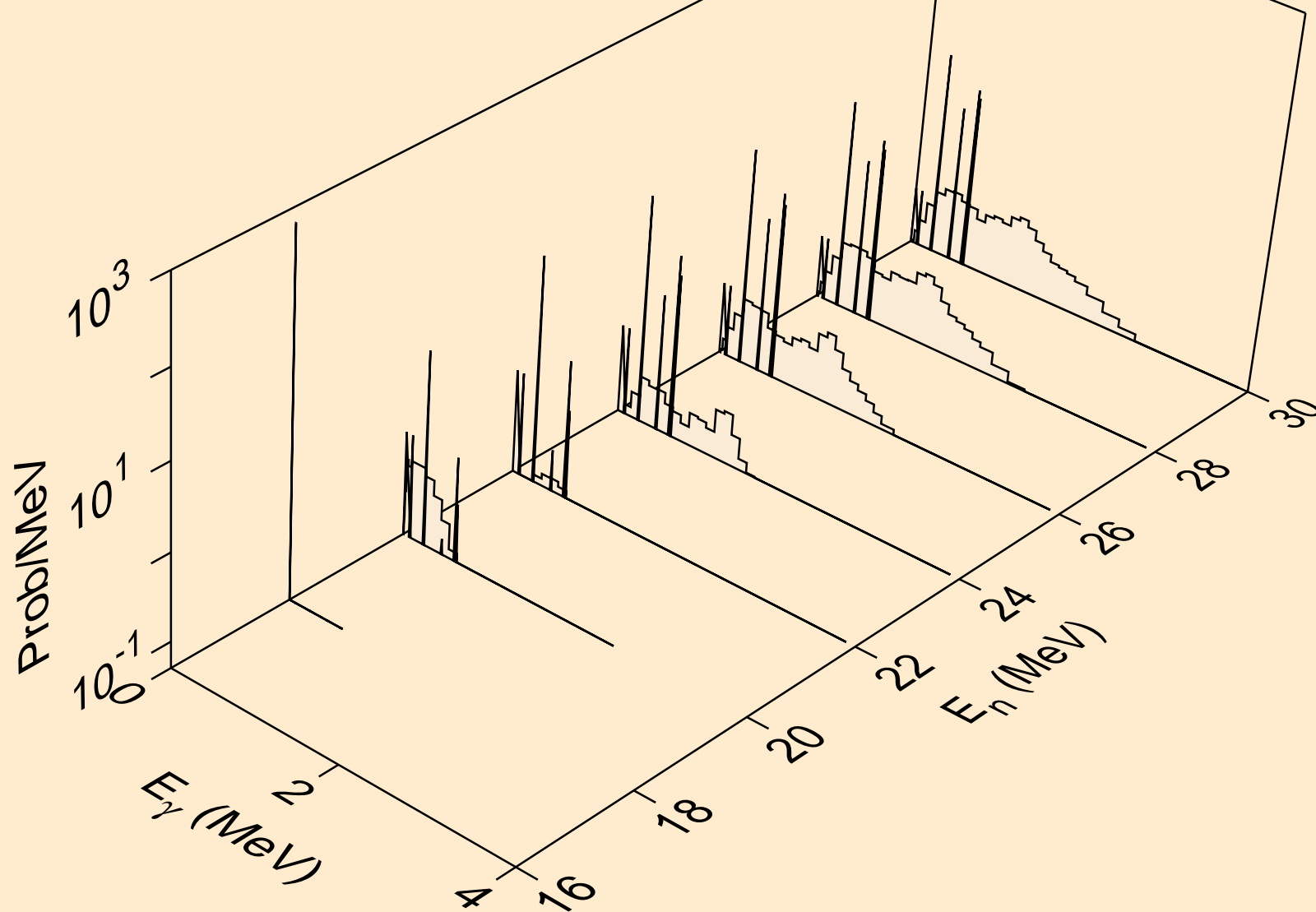
AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



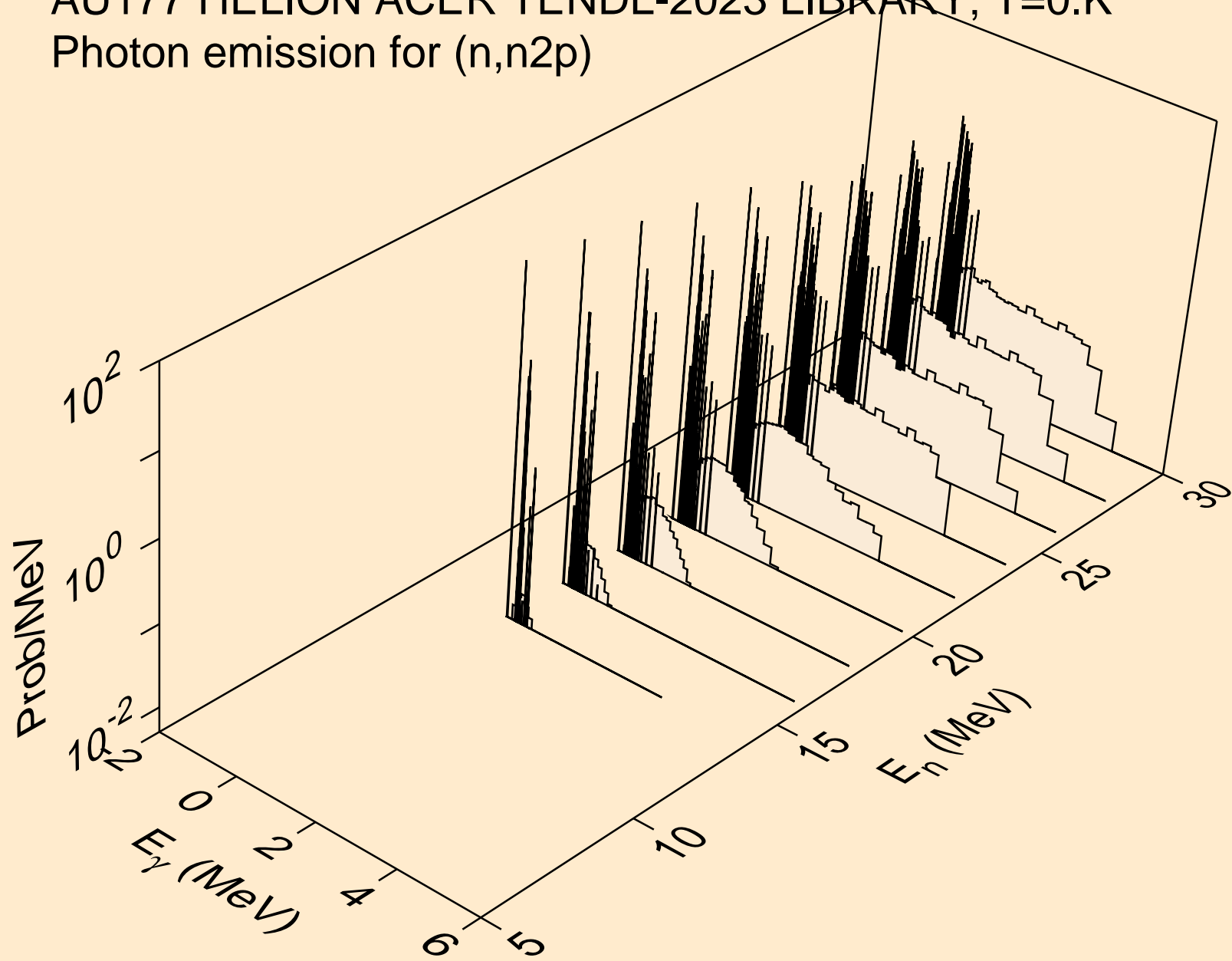
AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

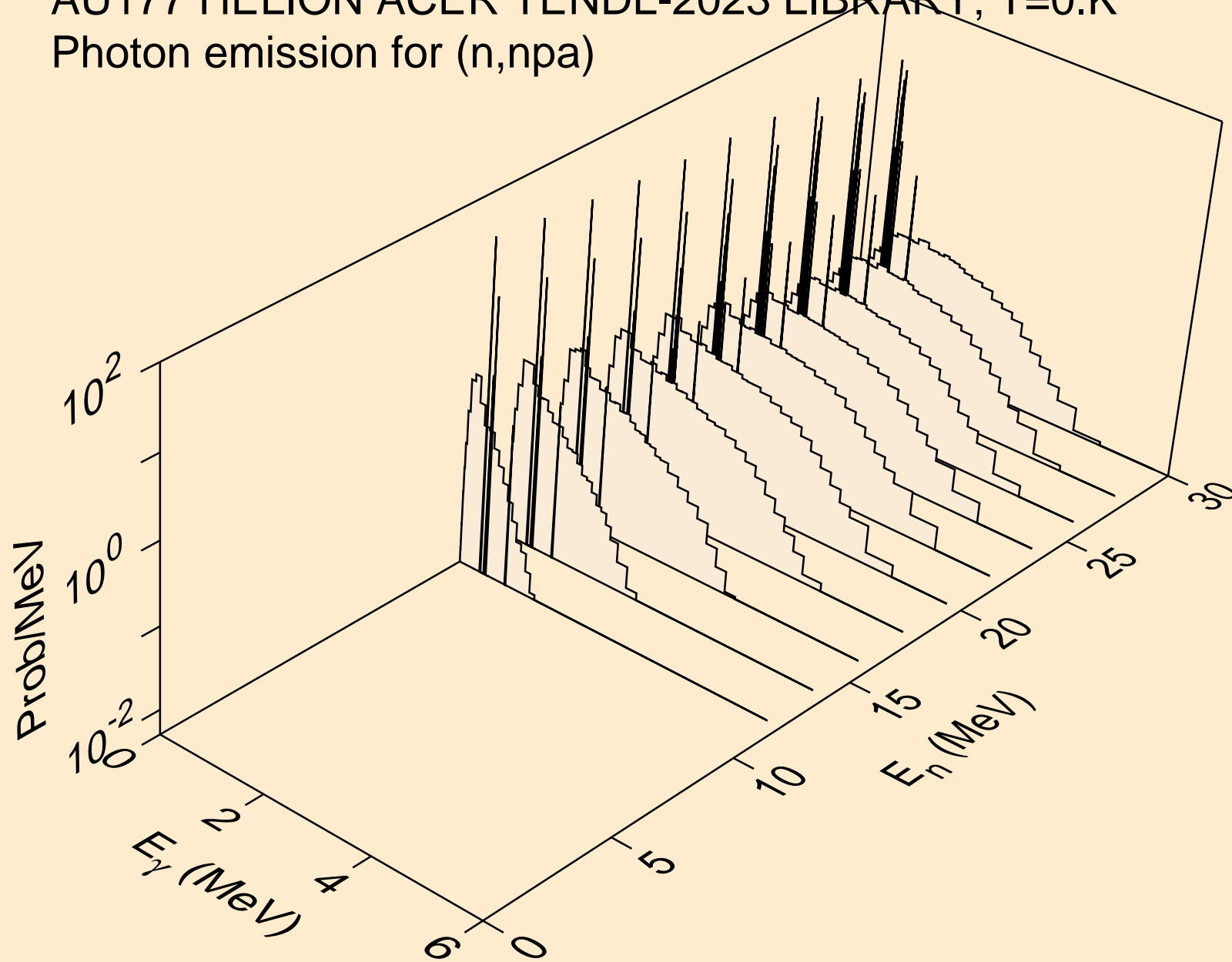


AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)

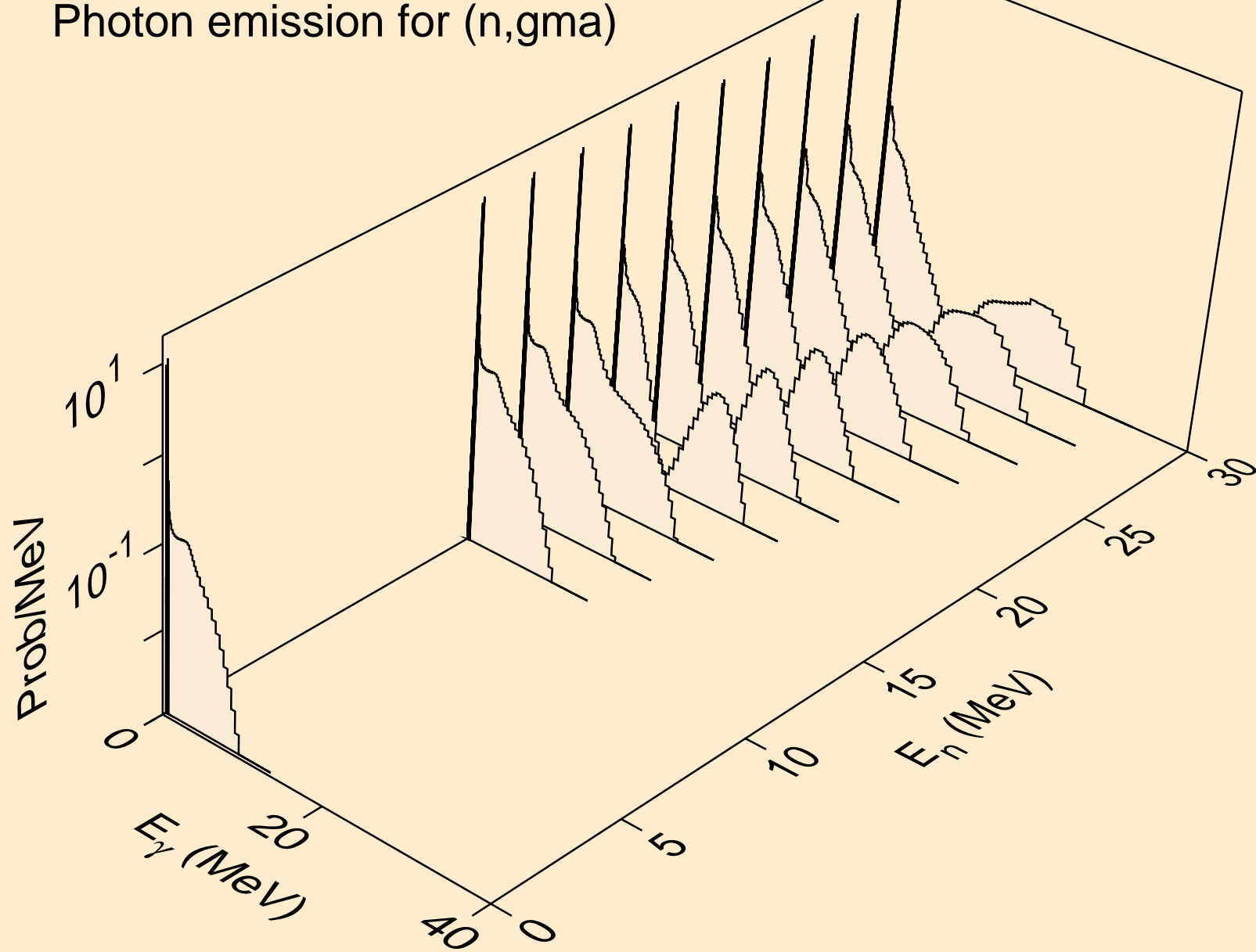




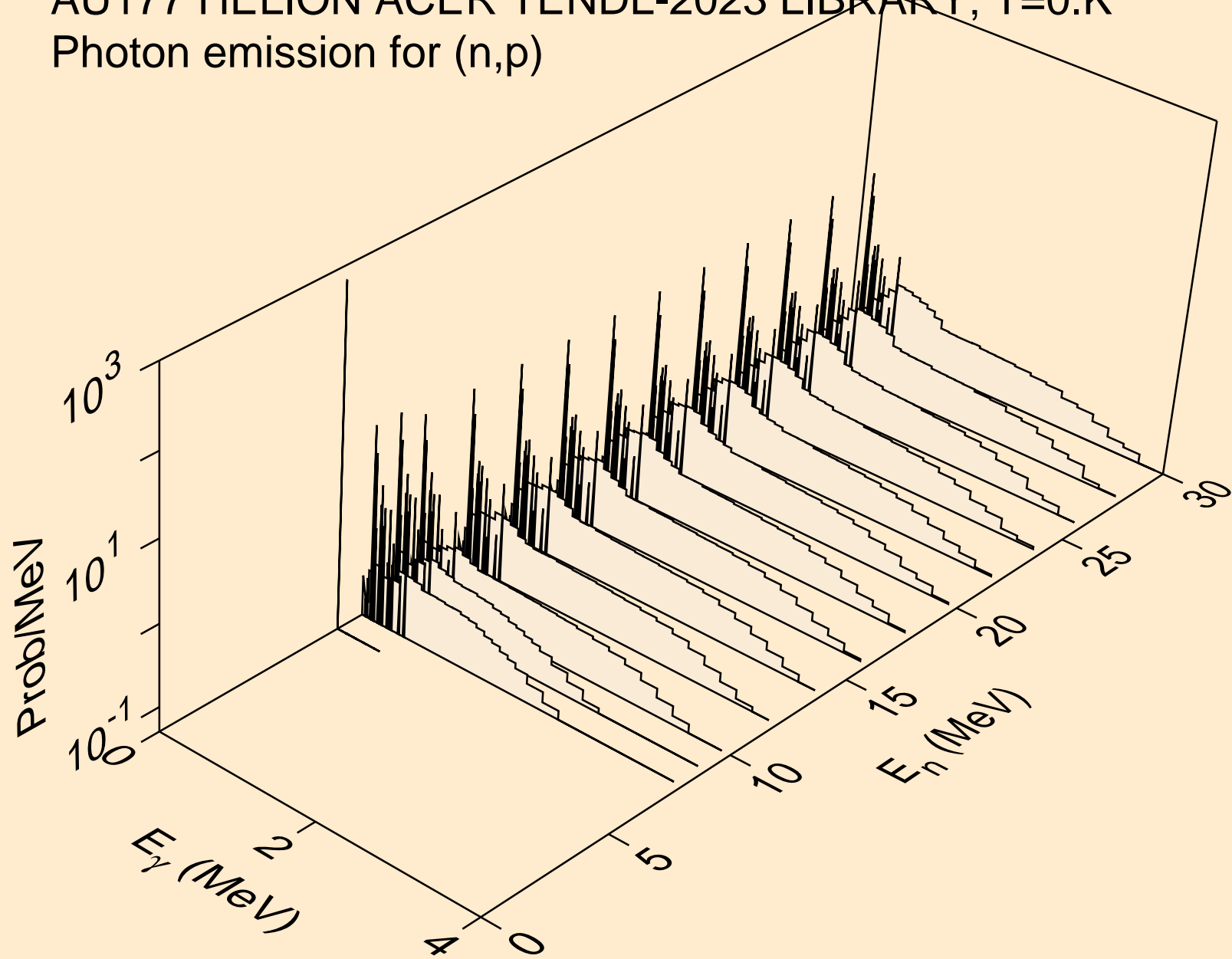
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Photon emission for (n,npa)



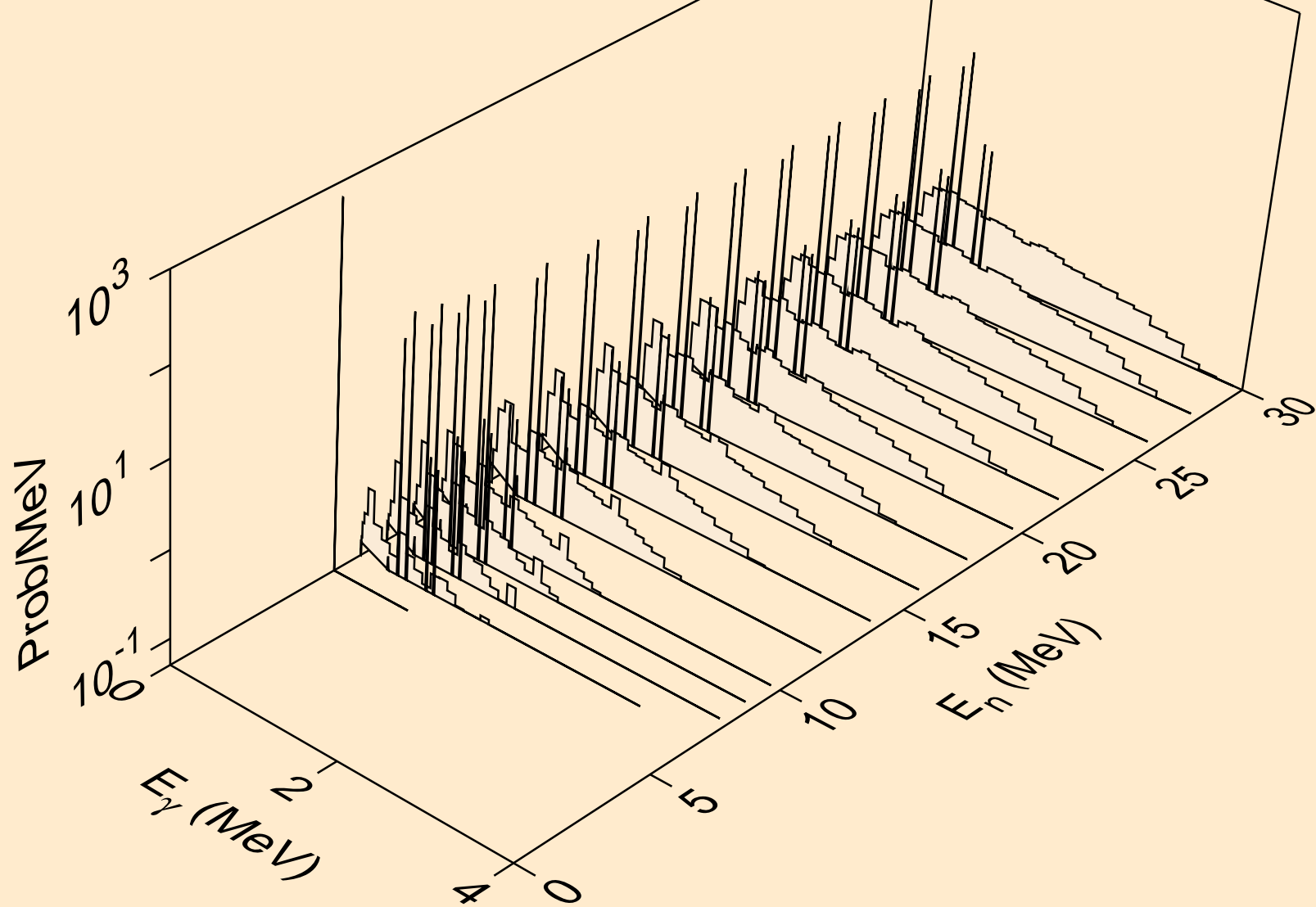
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Photon emission for (n,gma)



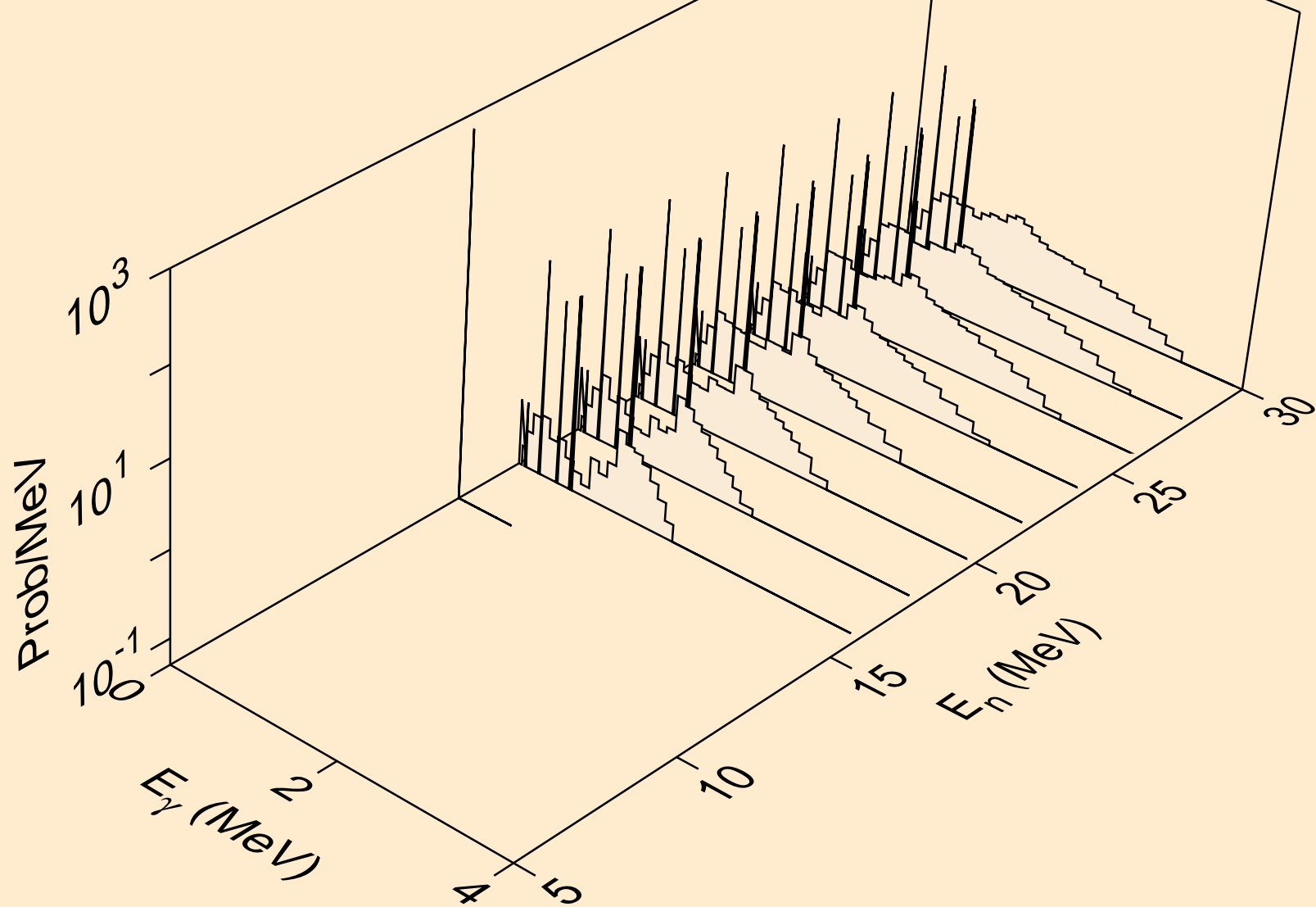
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Photon emission for (n,p)



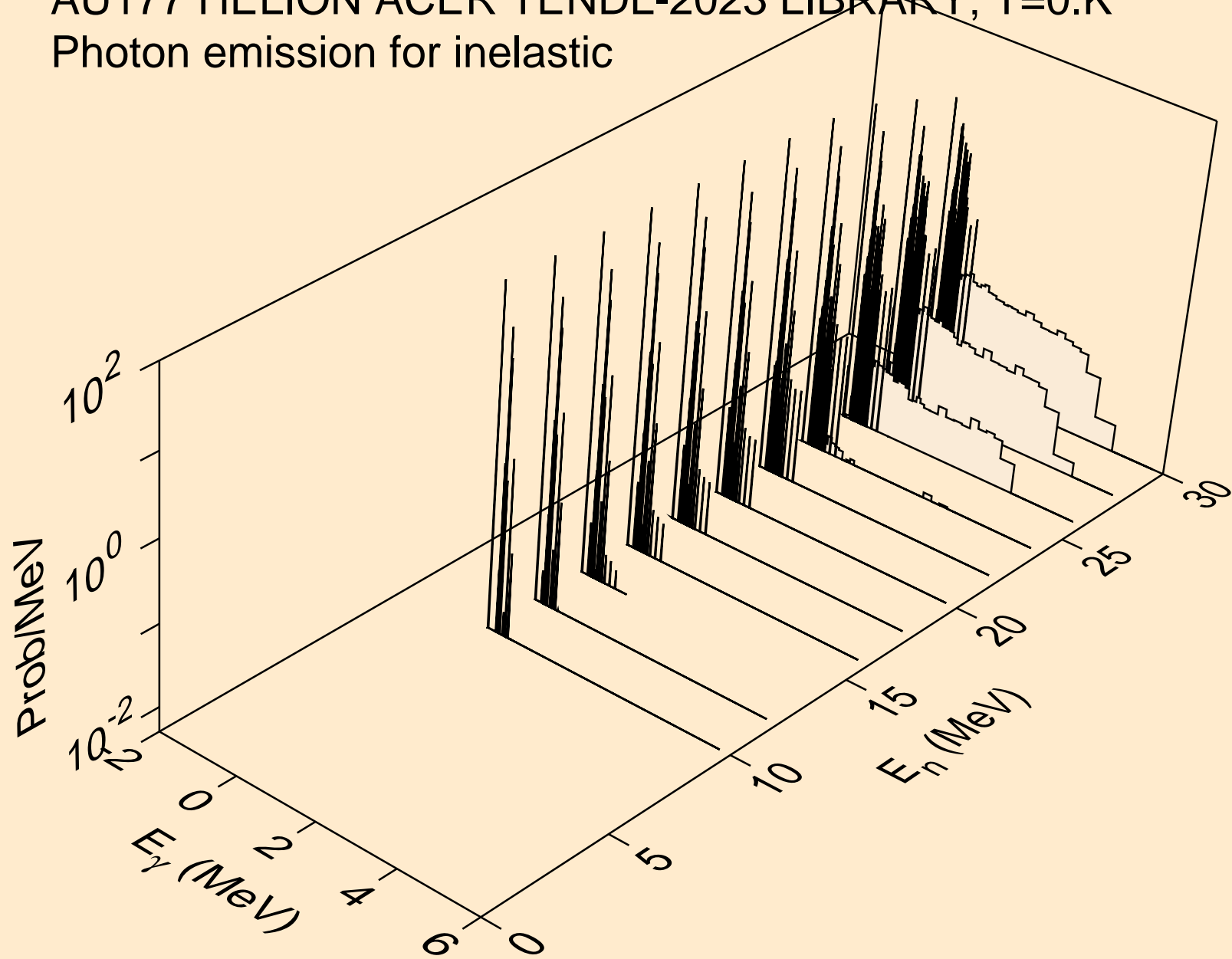
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Photon emission for (n,d)



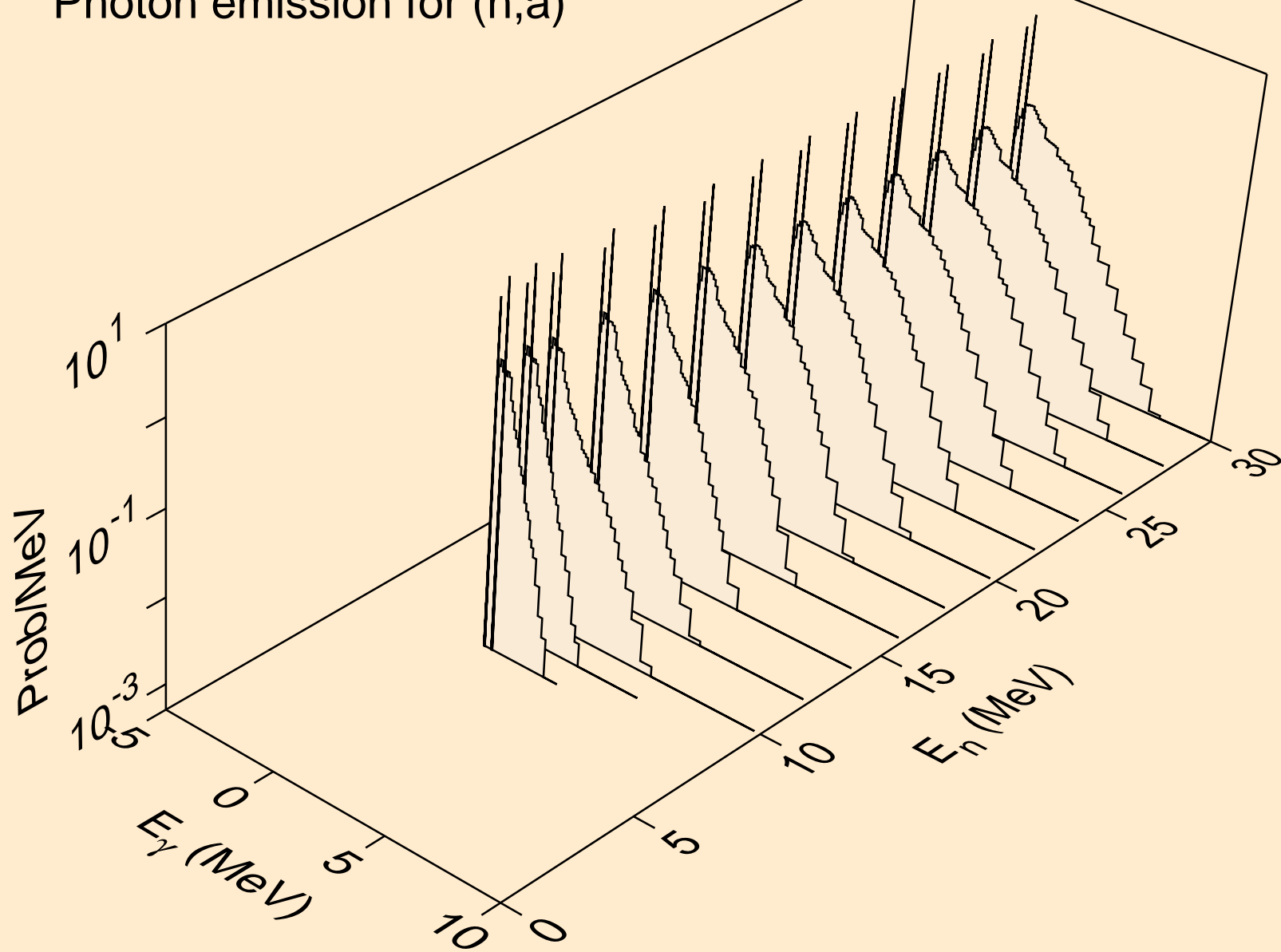
AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



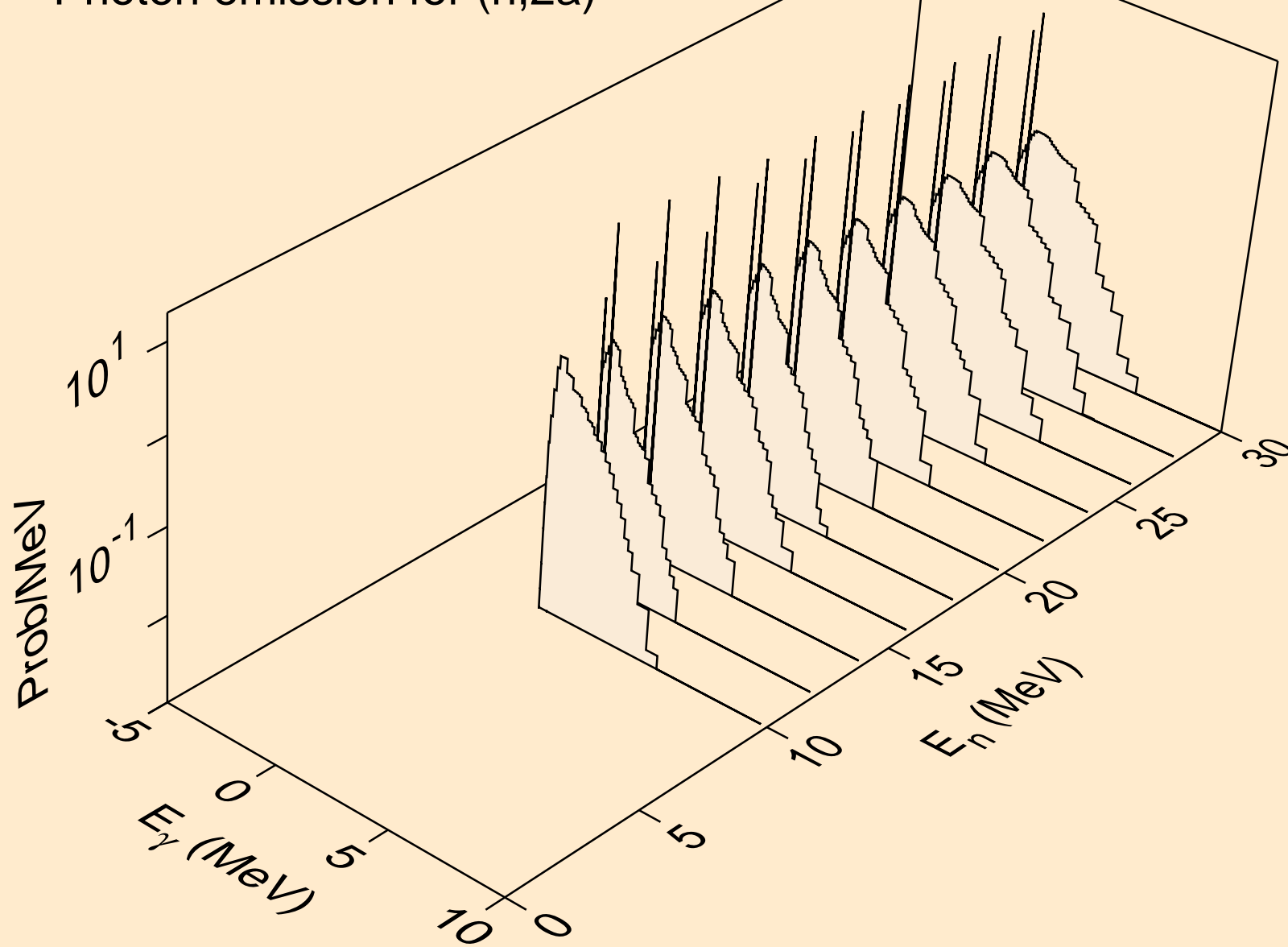
AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)

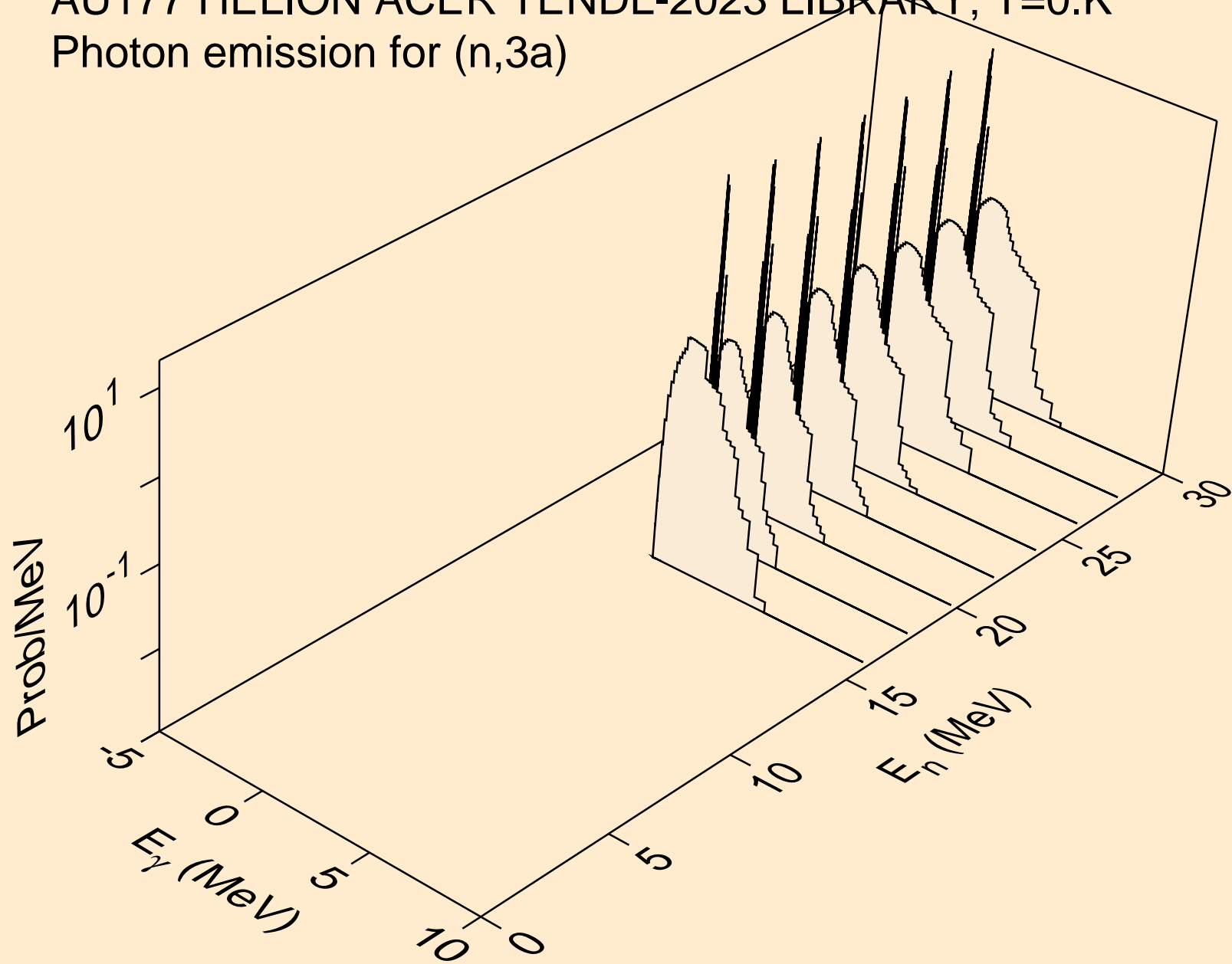


AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)

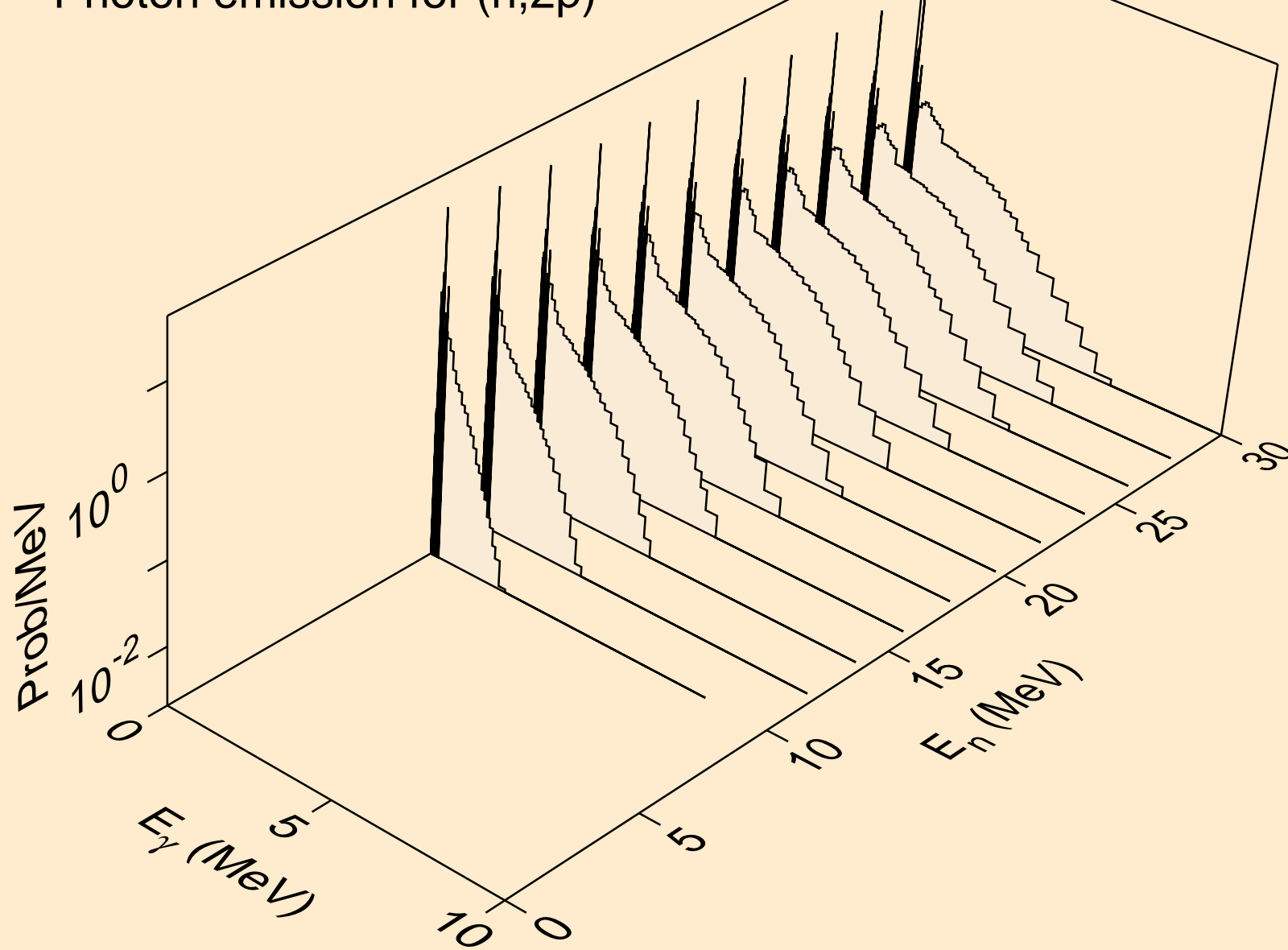




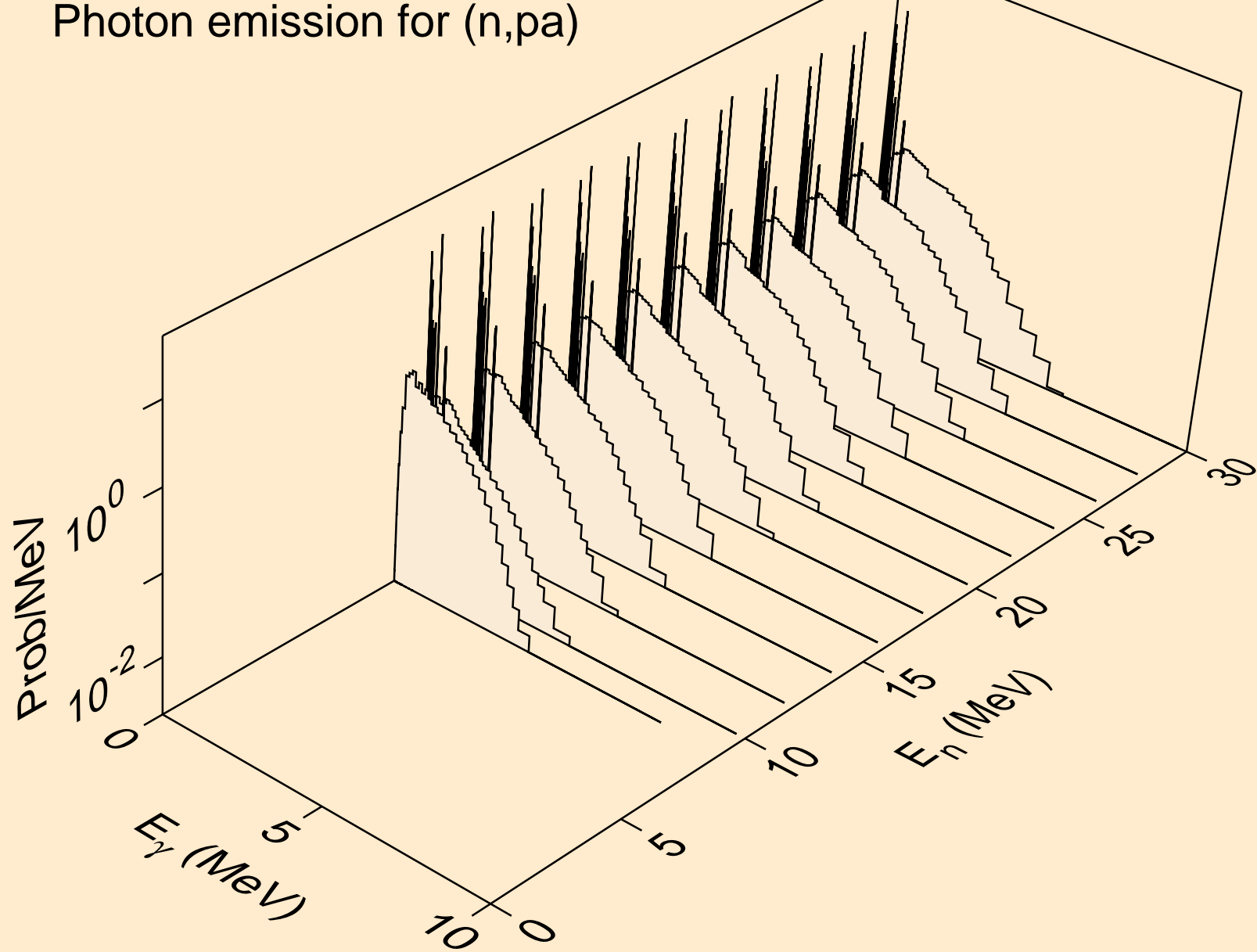
AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3a)



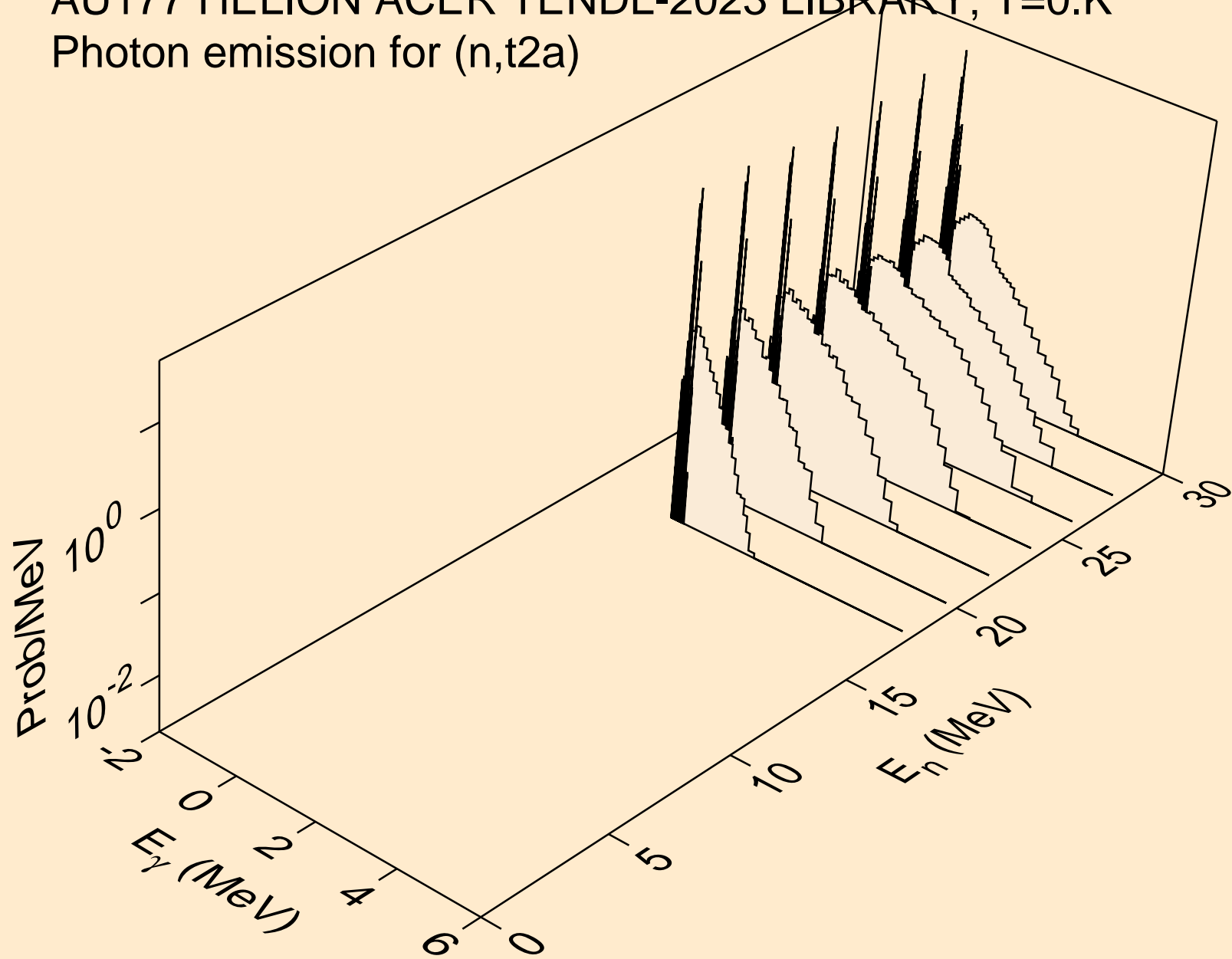
AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



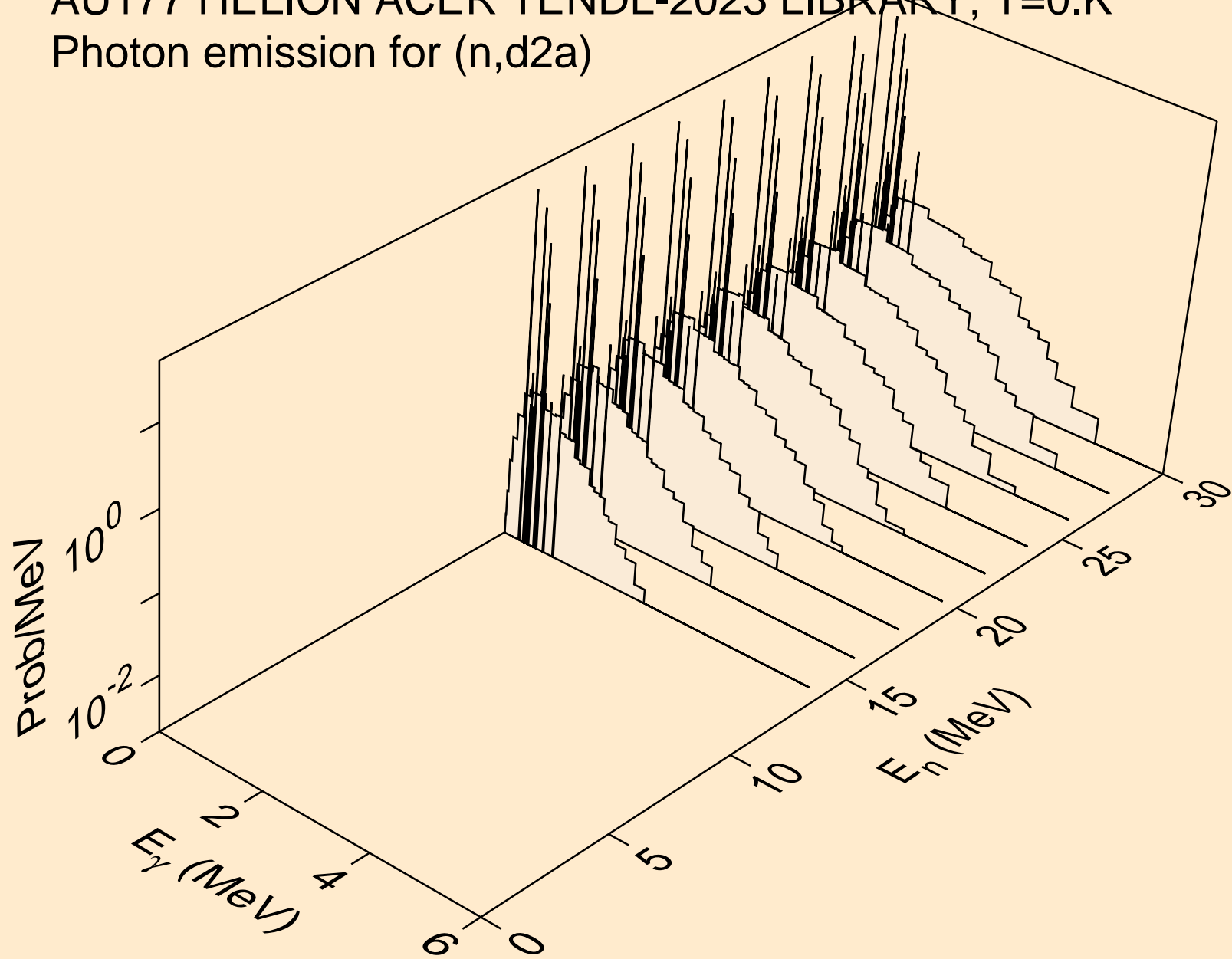
AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



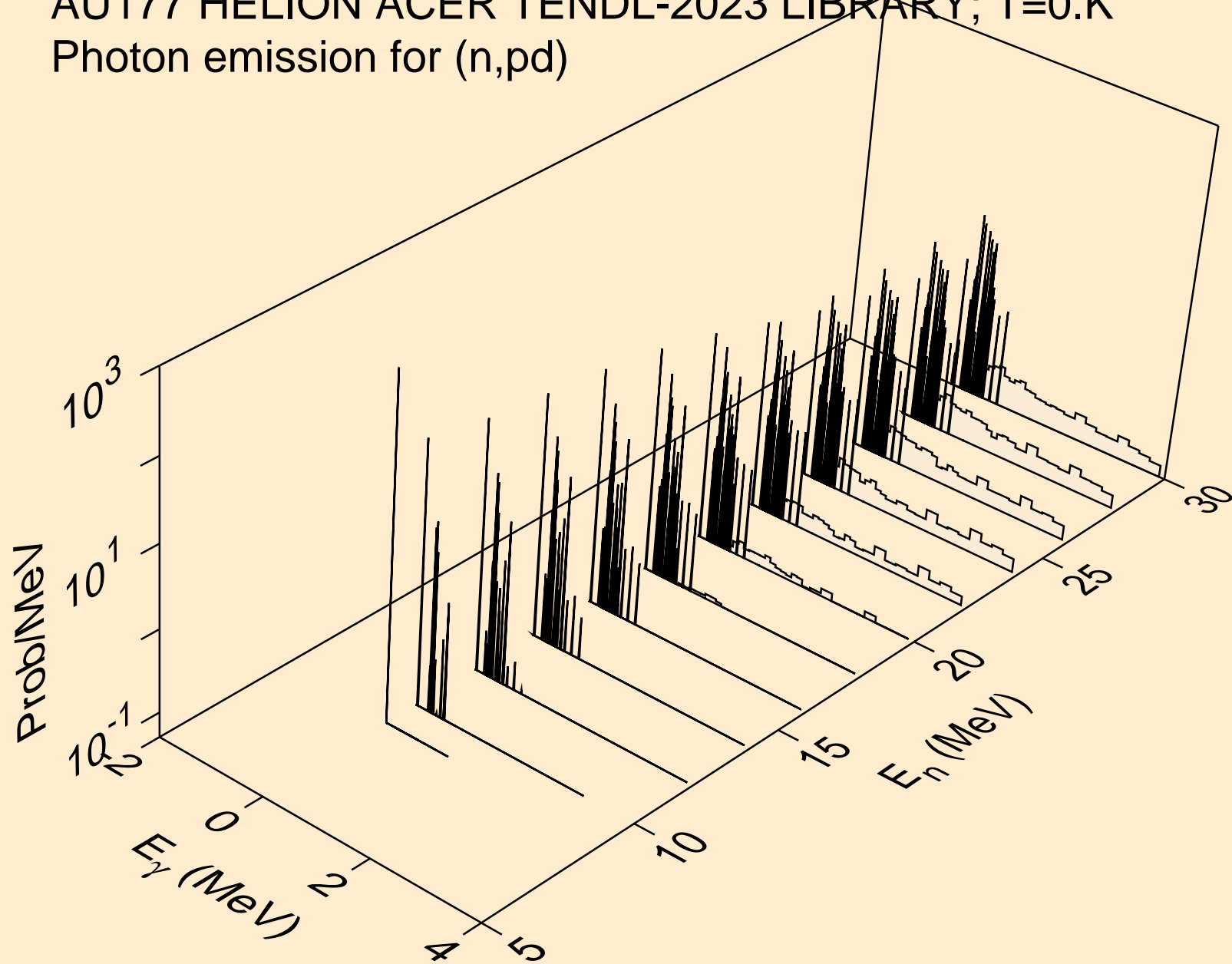
AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t2a)



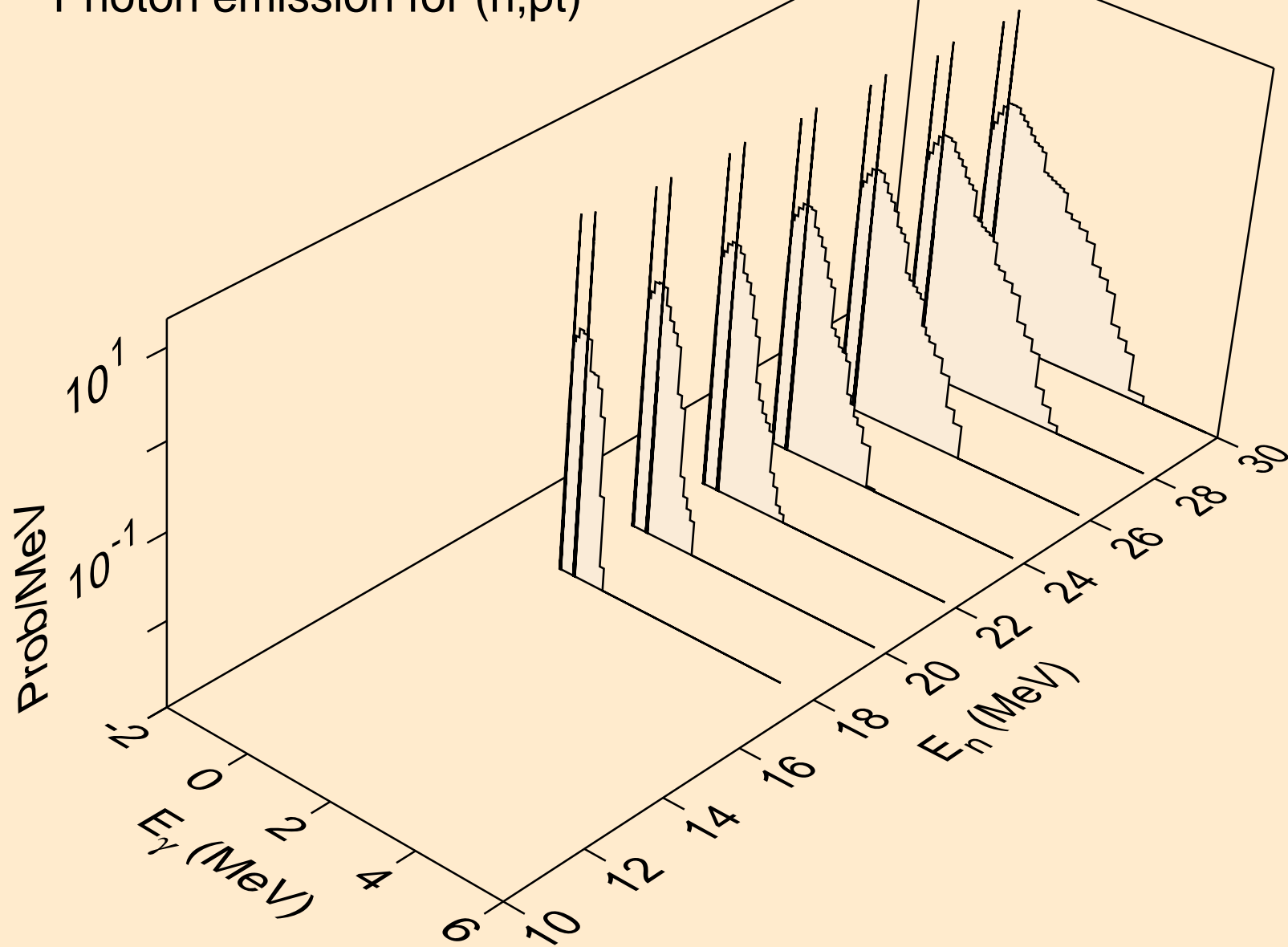
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Photon emission for (n,d2a)



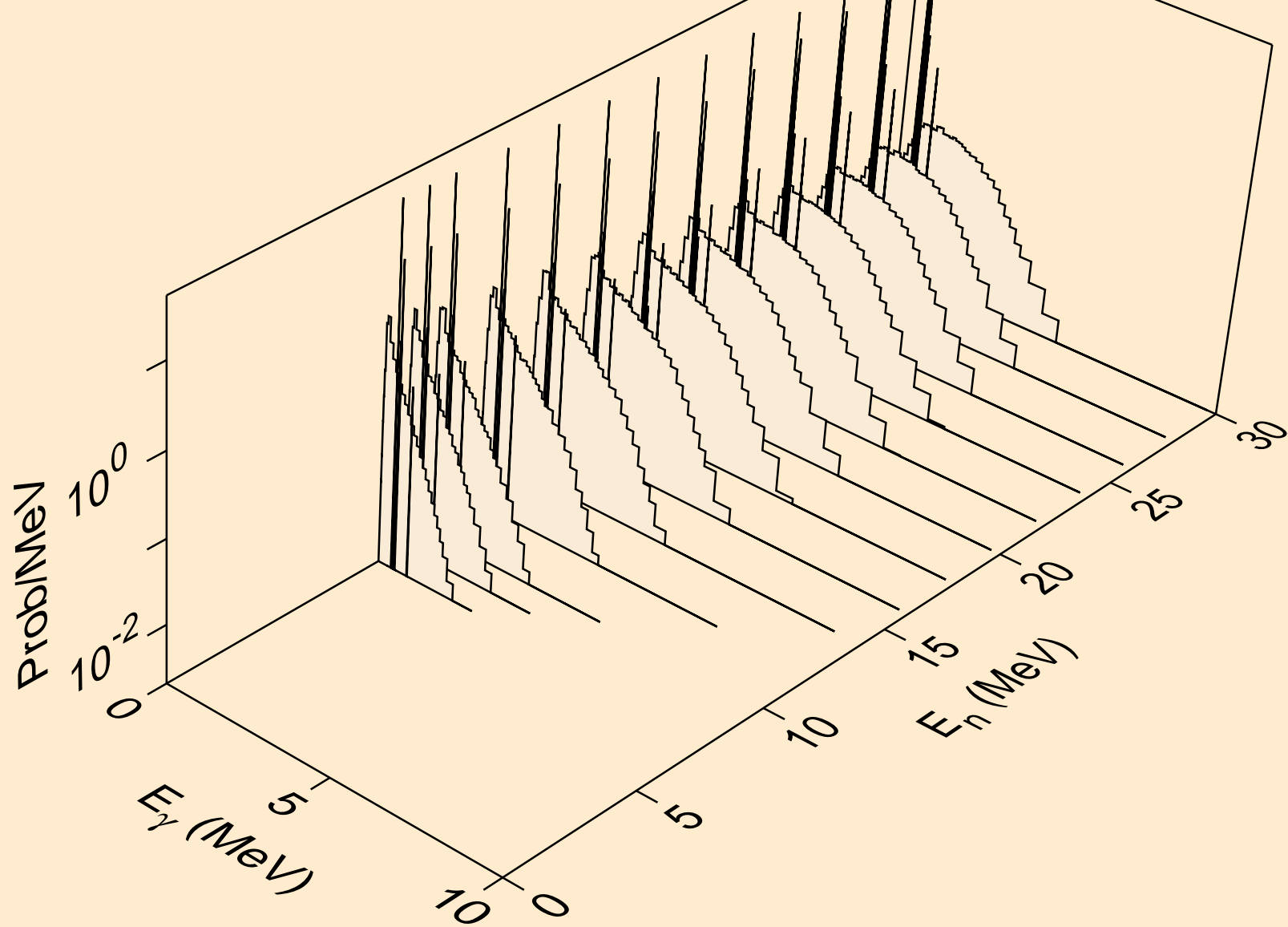
AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)

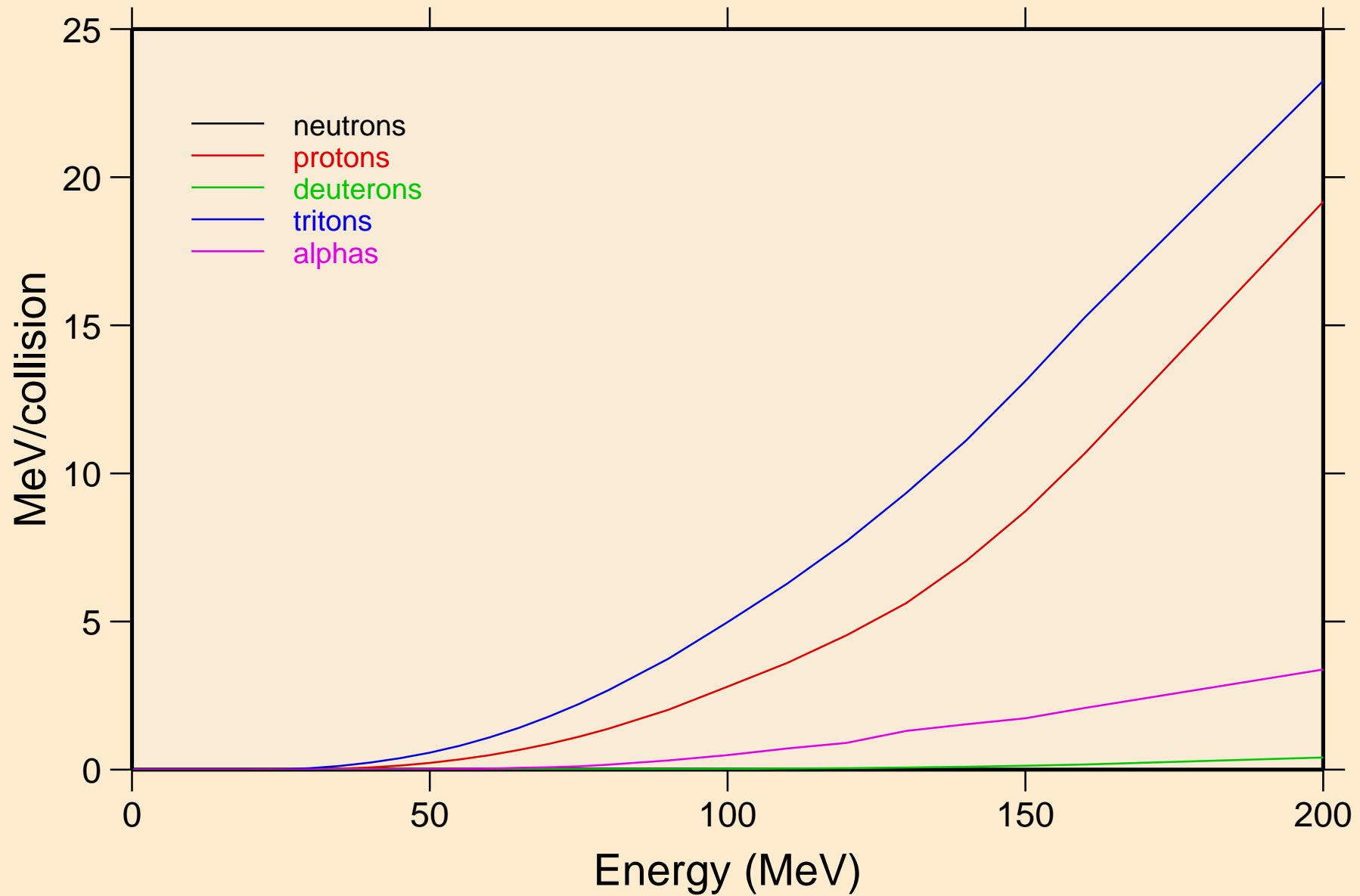


AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)

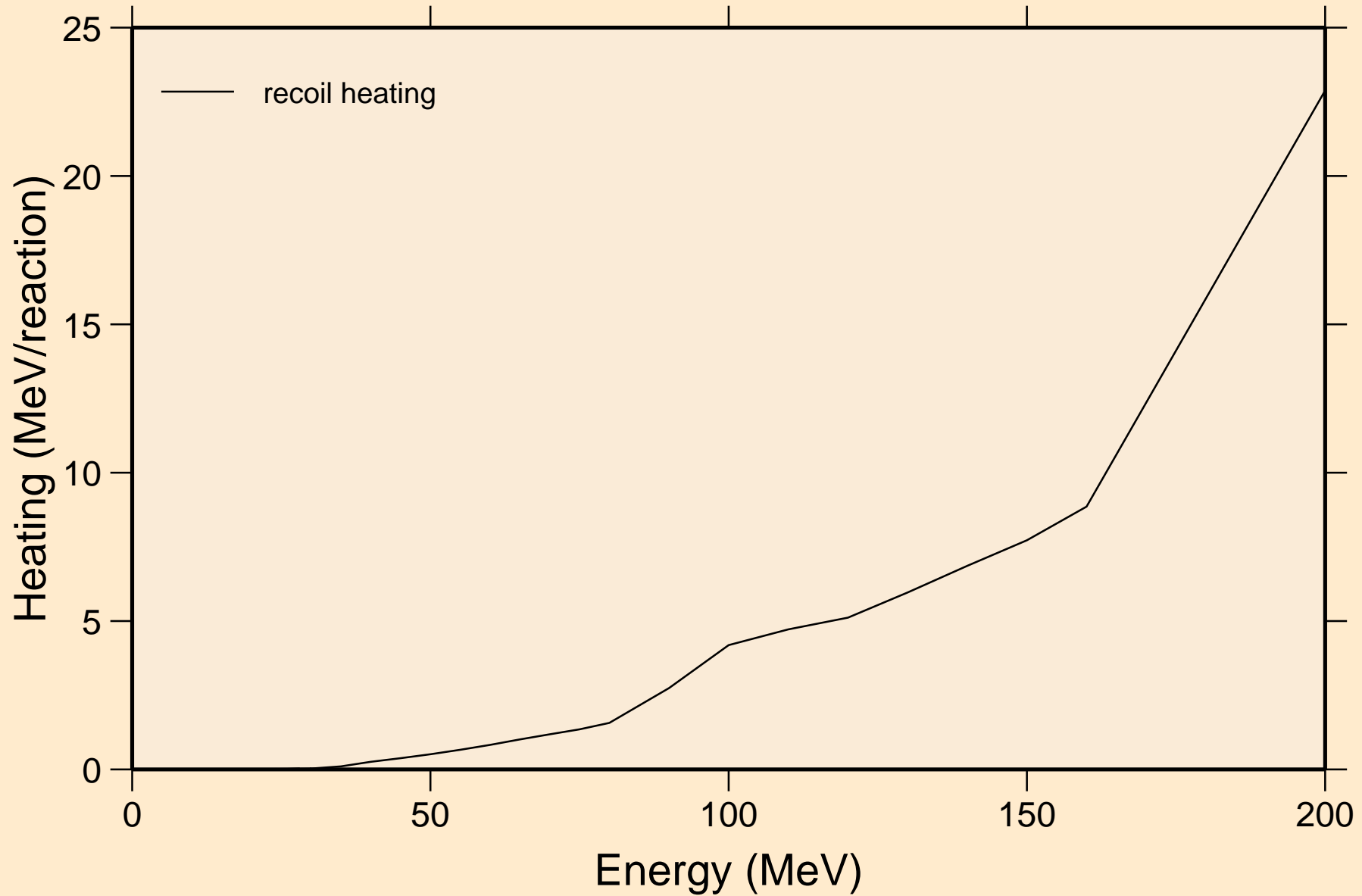




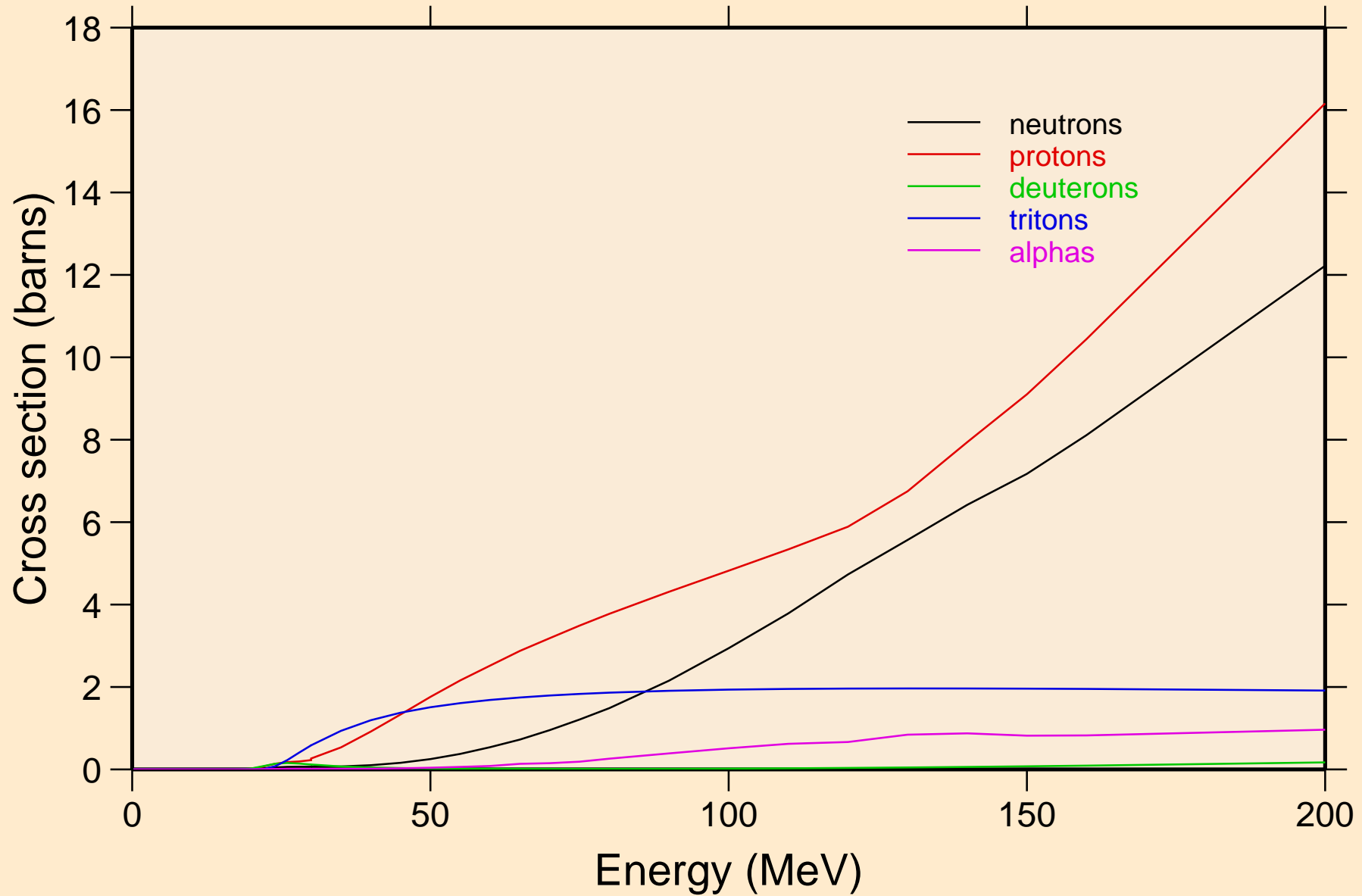
AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



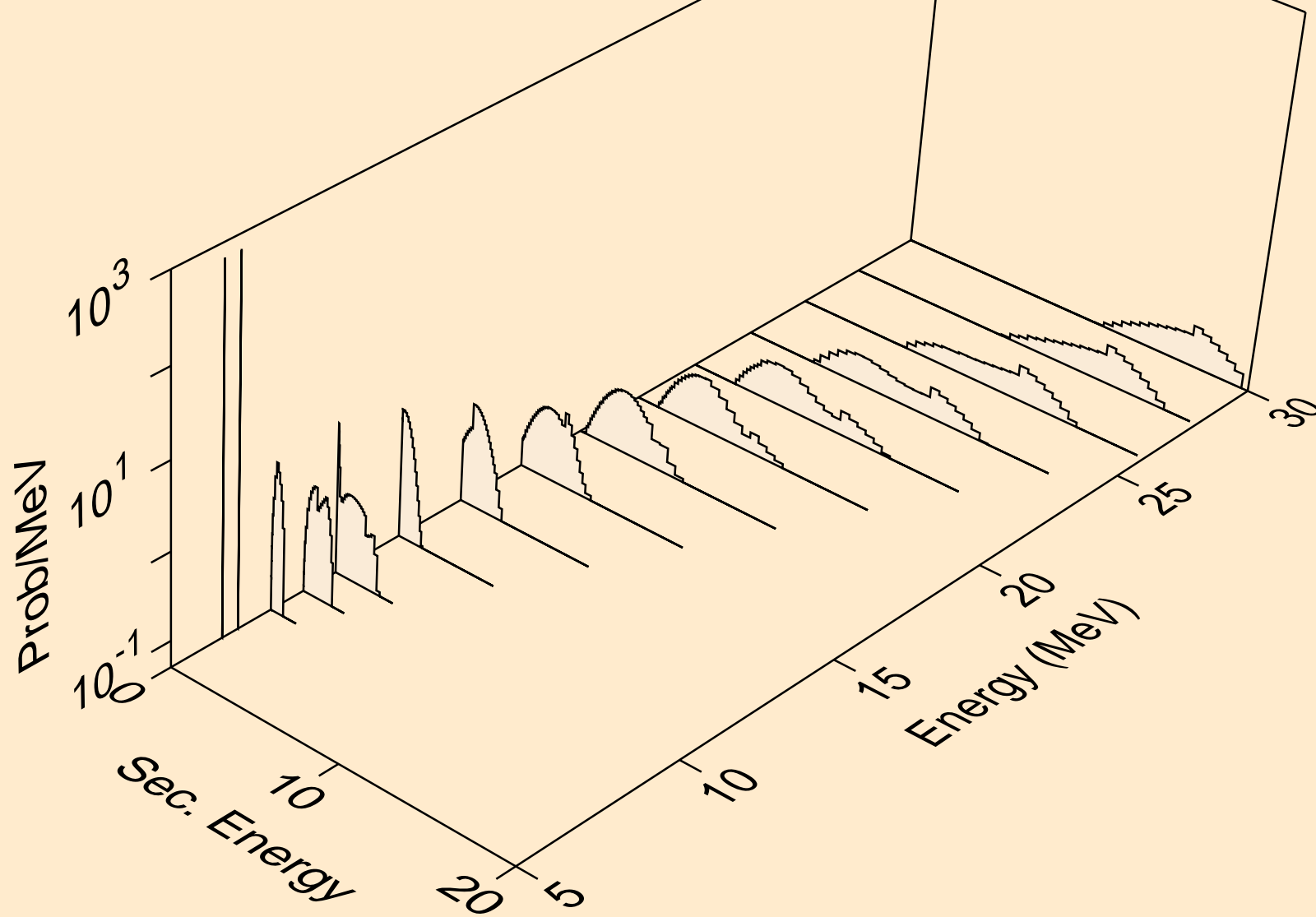
AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



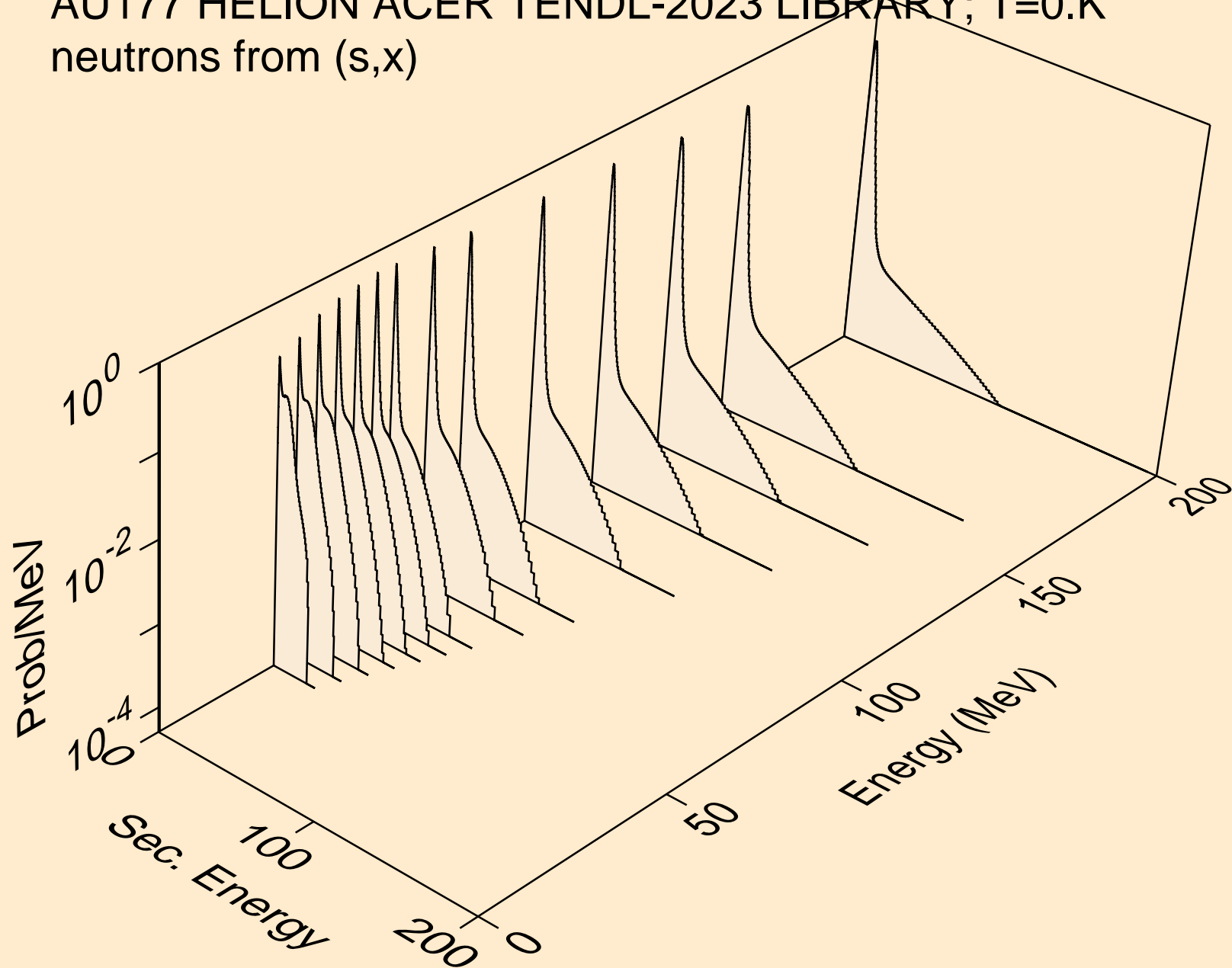
AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



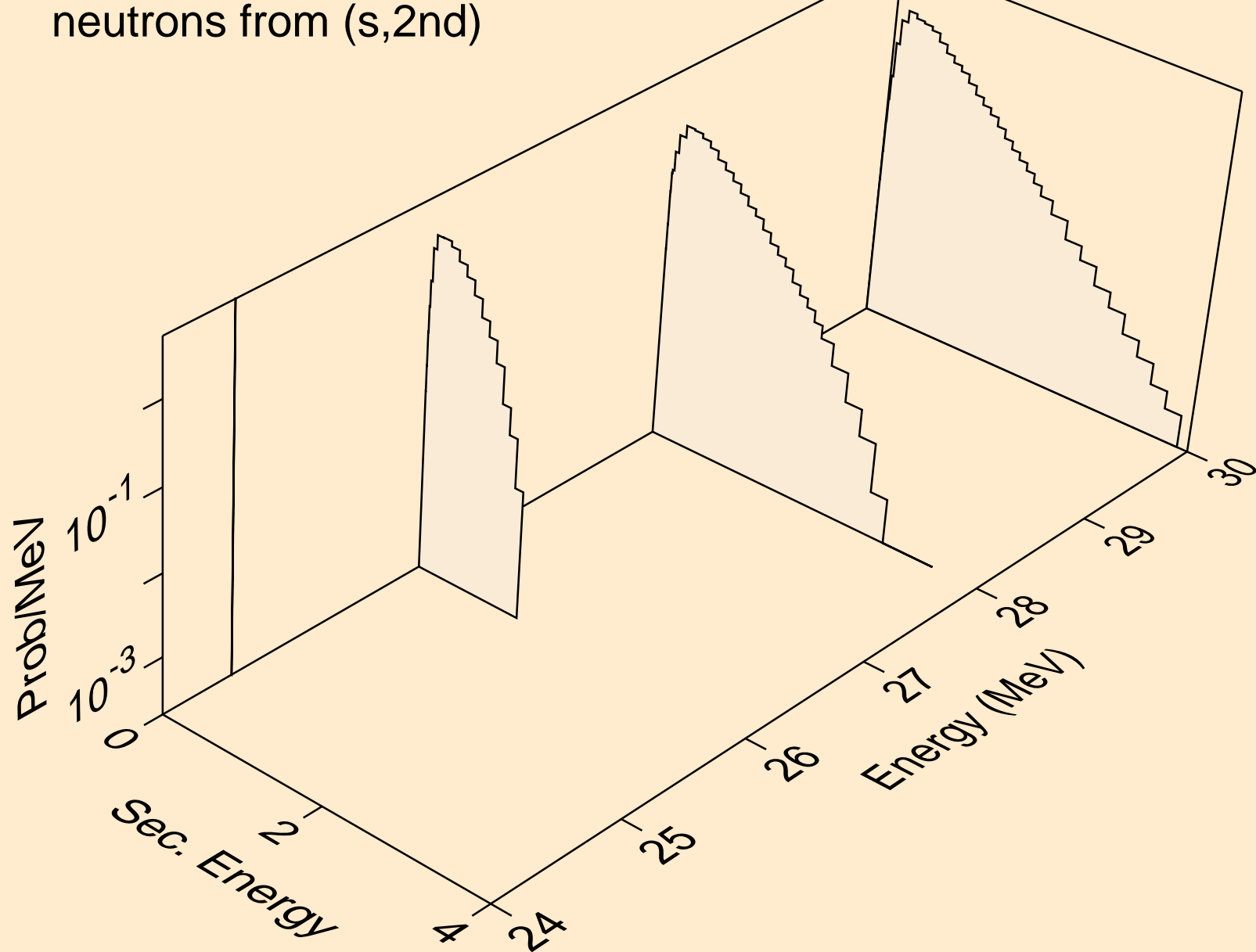
AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n)



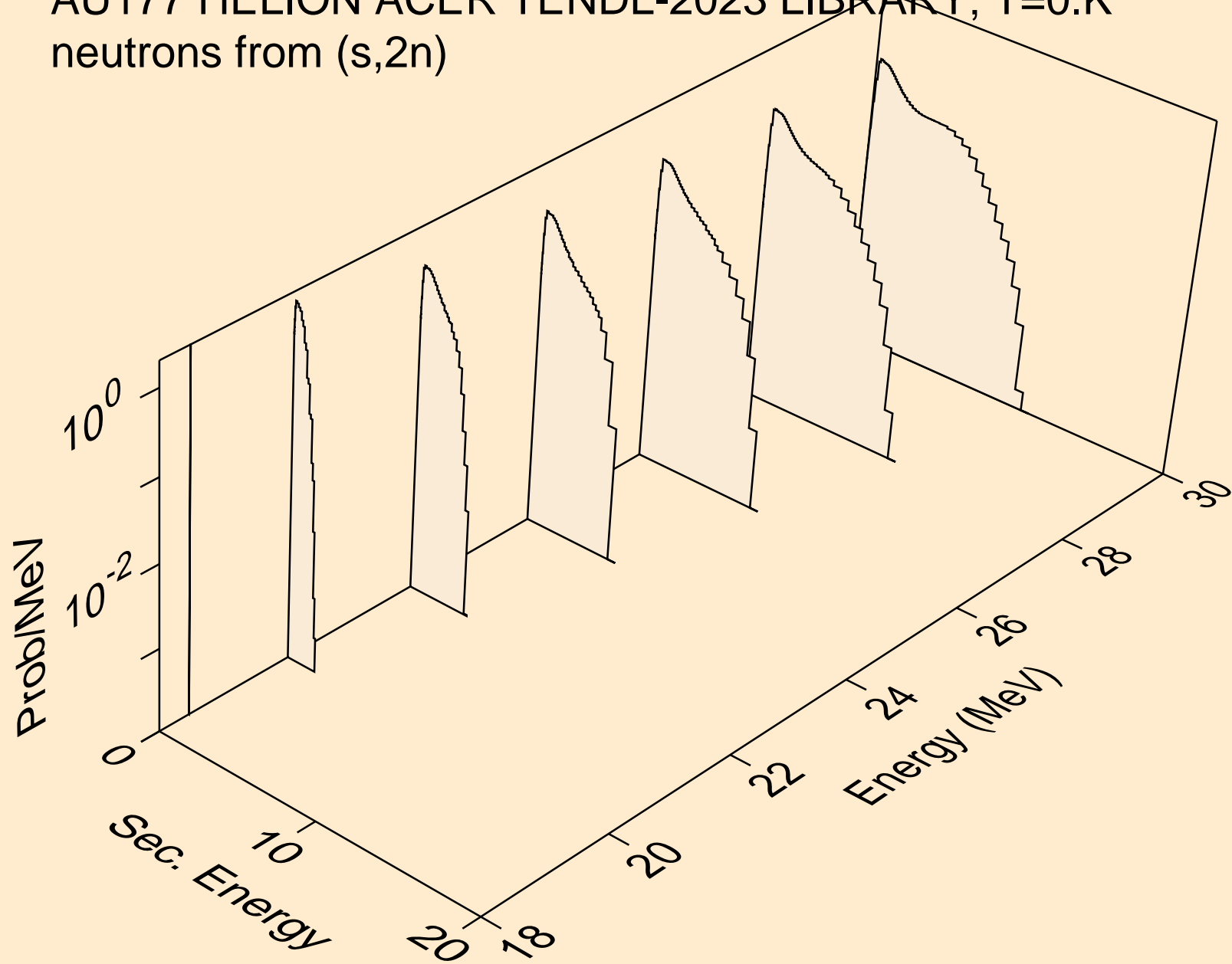
AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,x)



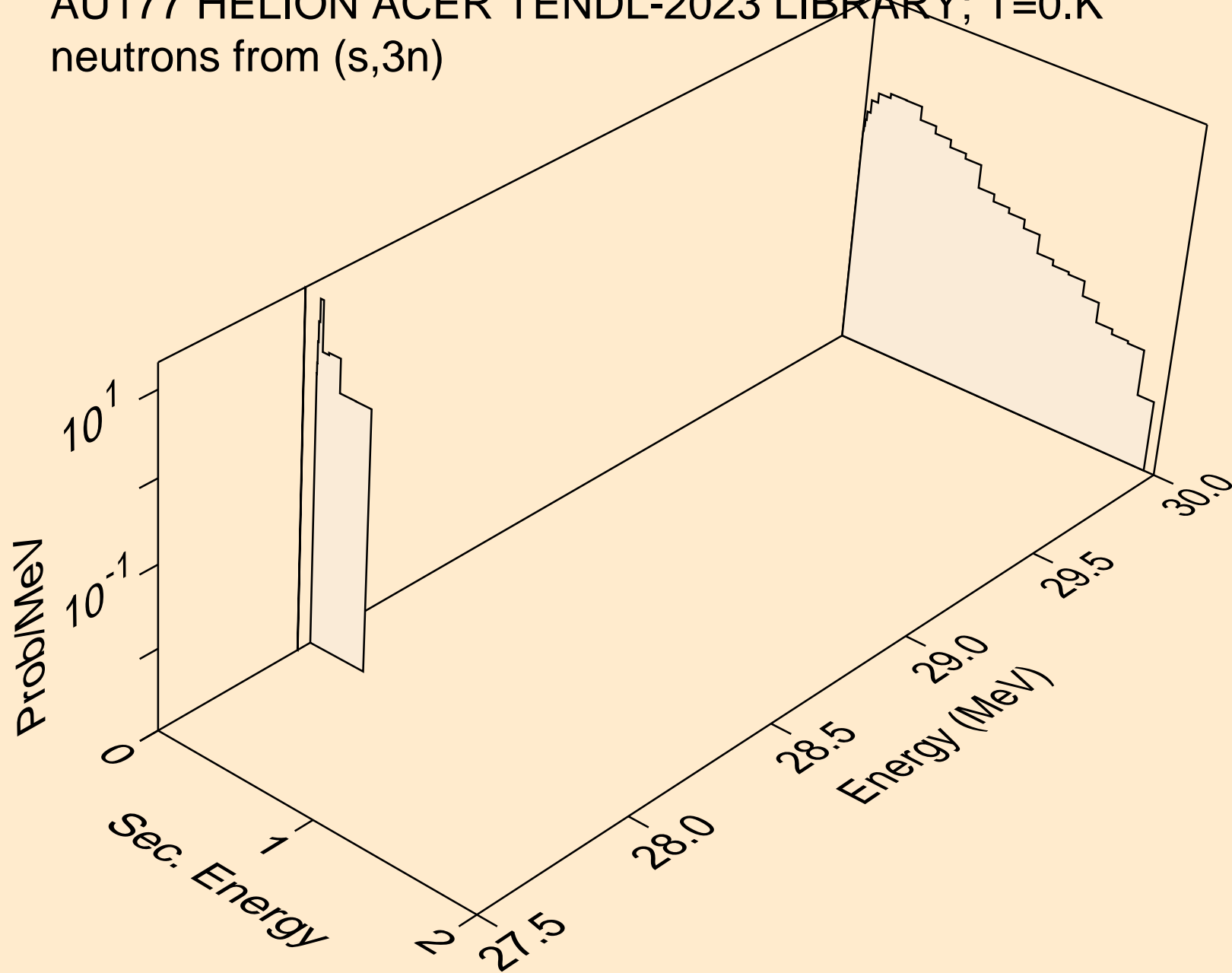
AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2nd)



AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)

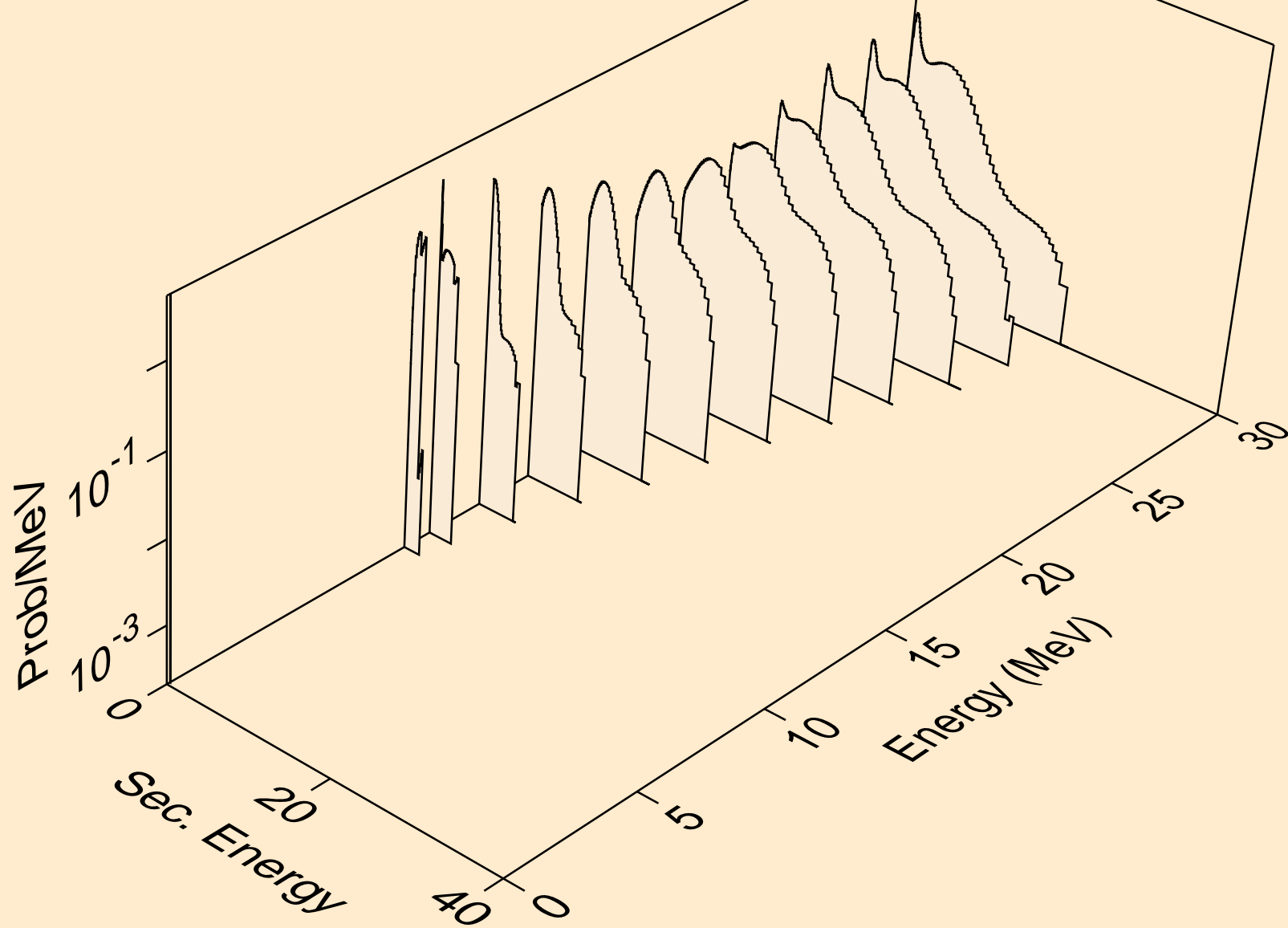


AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3n)

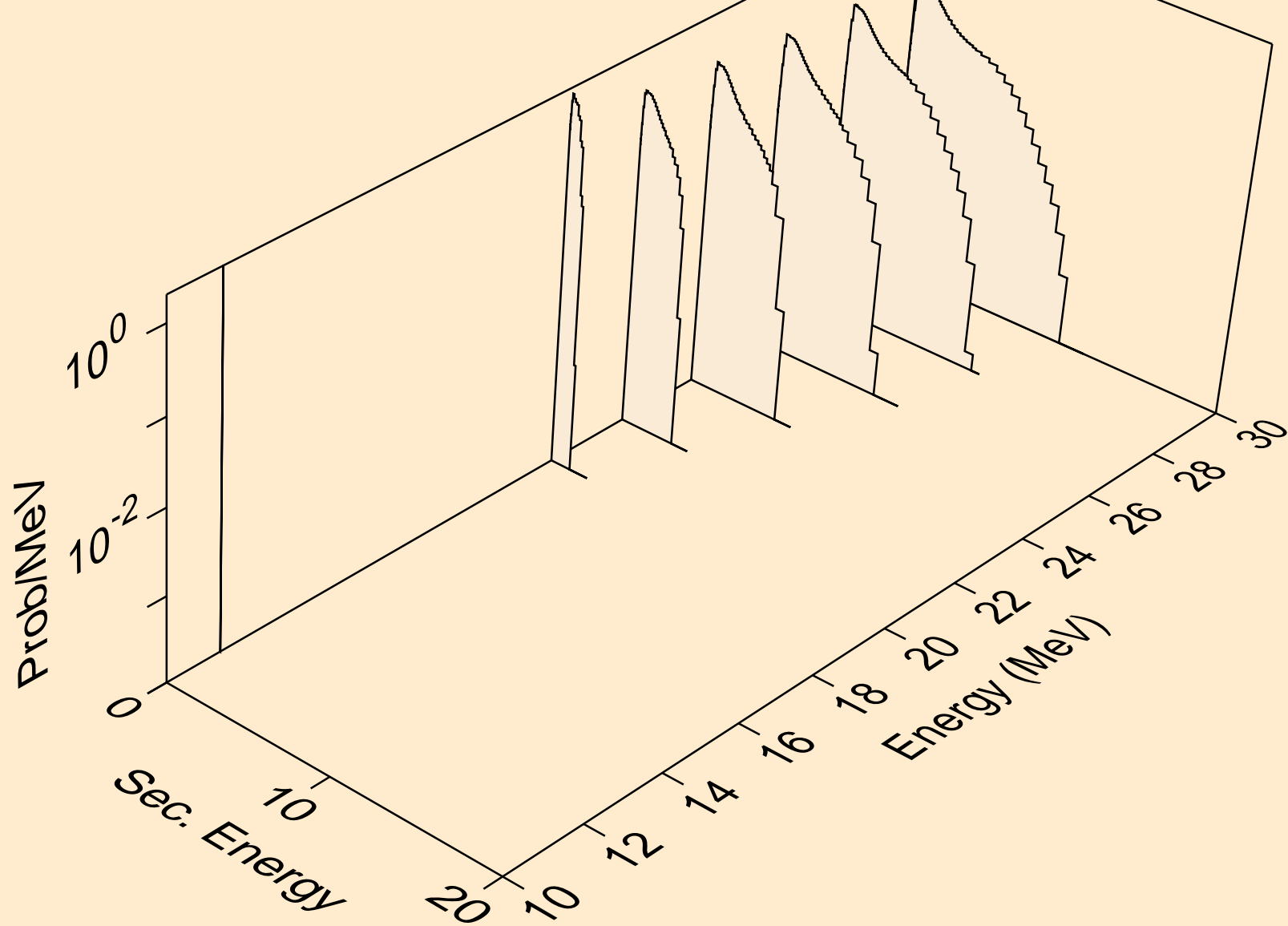




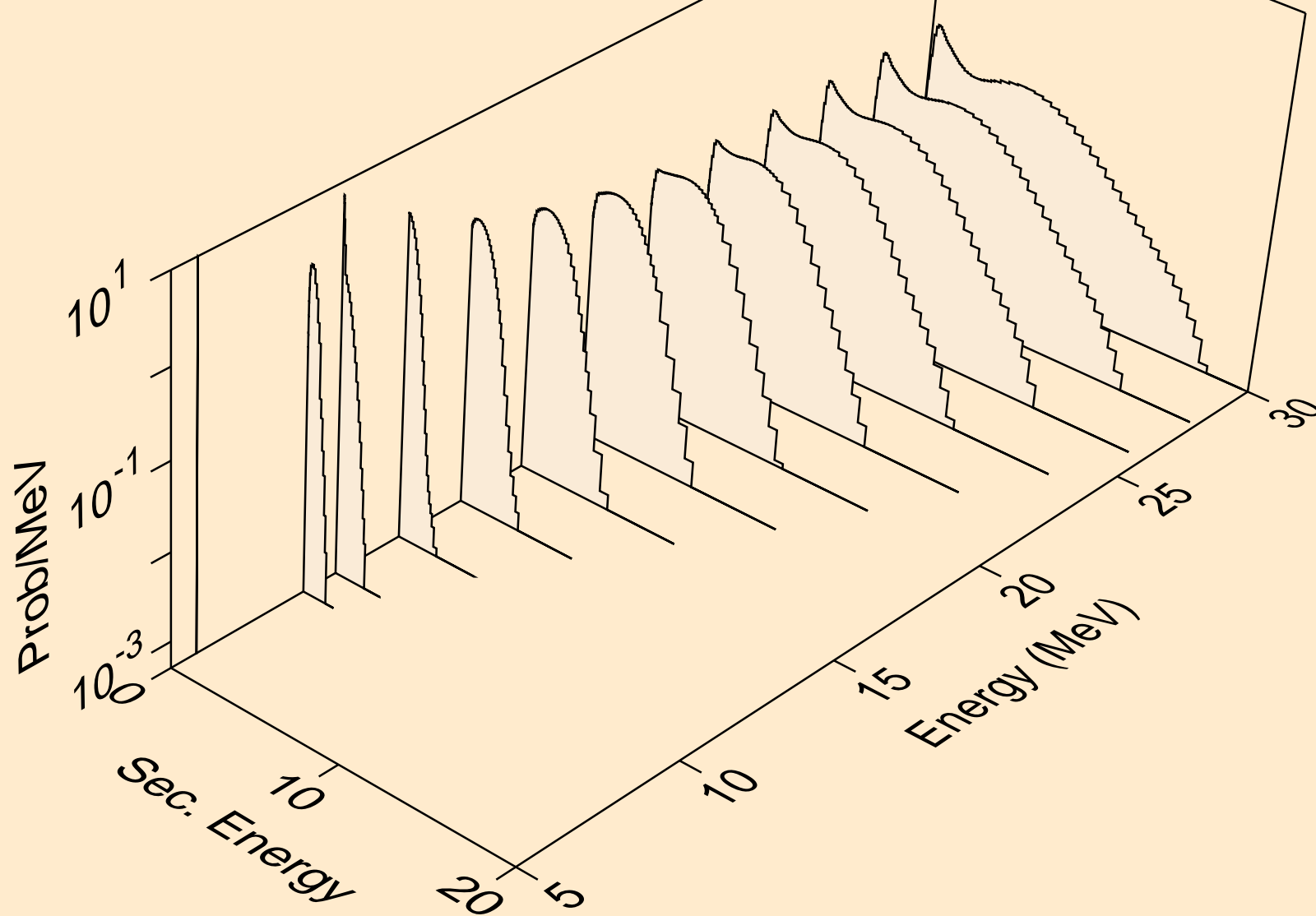
AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)a



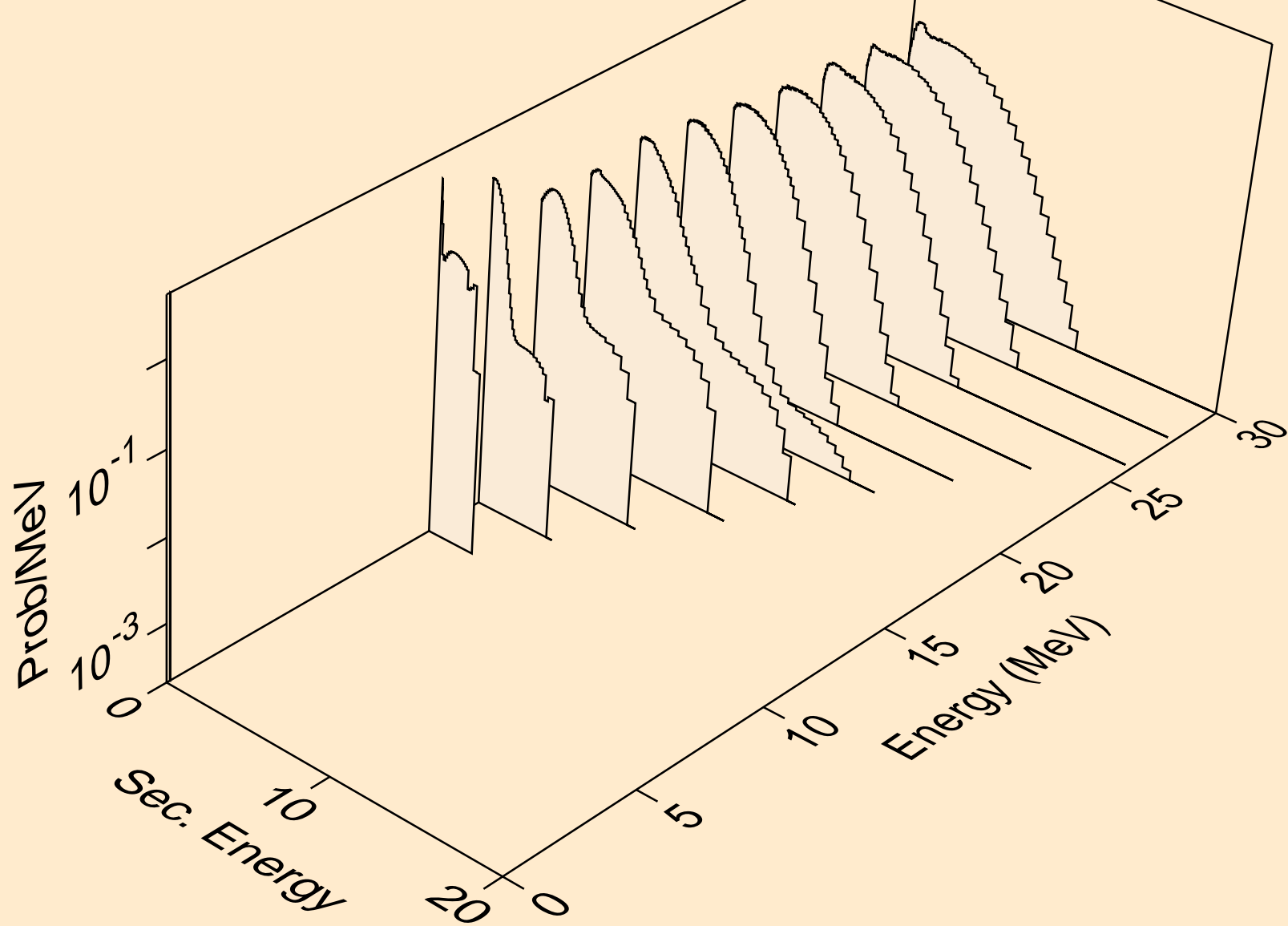
AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)a



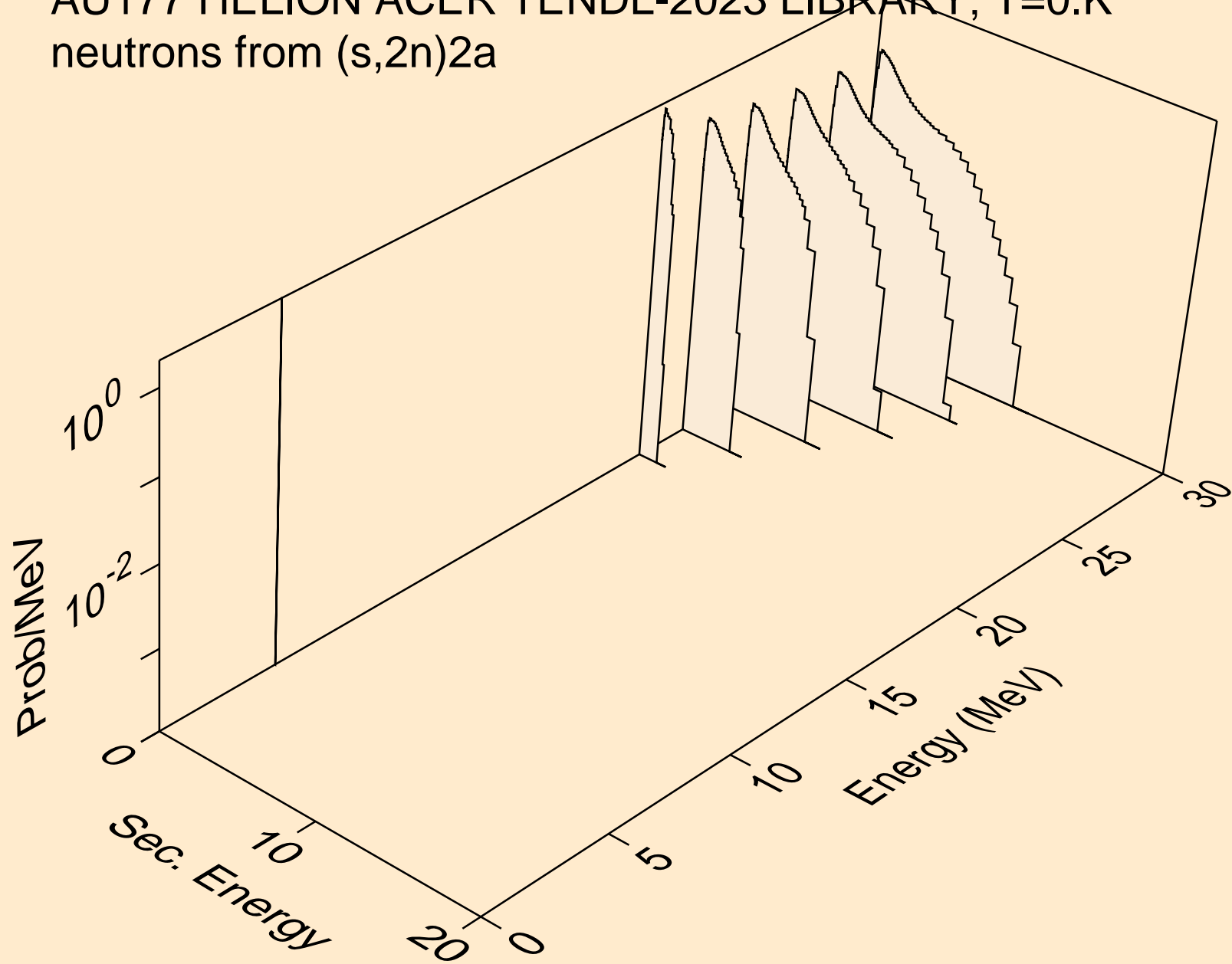
AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)p



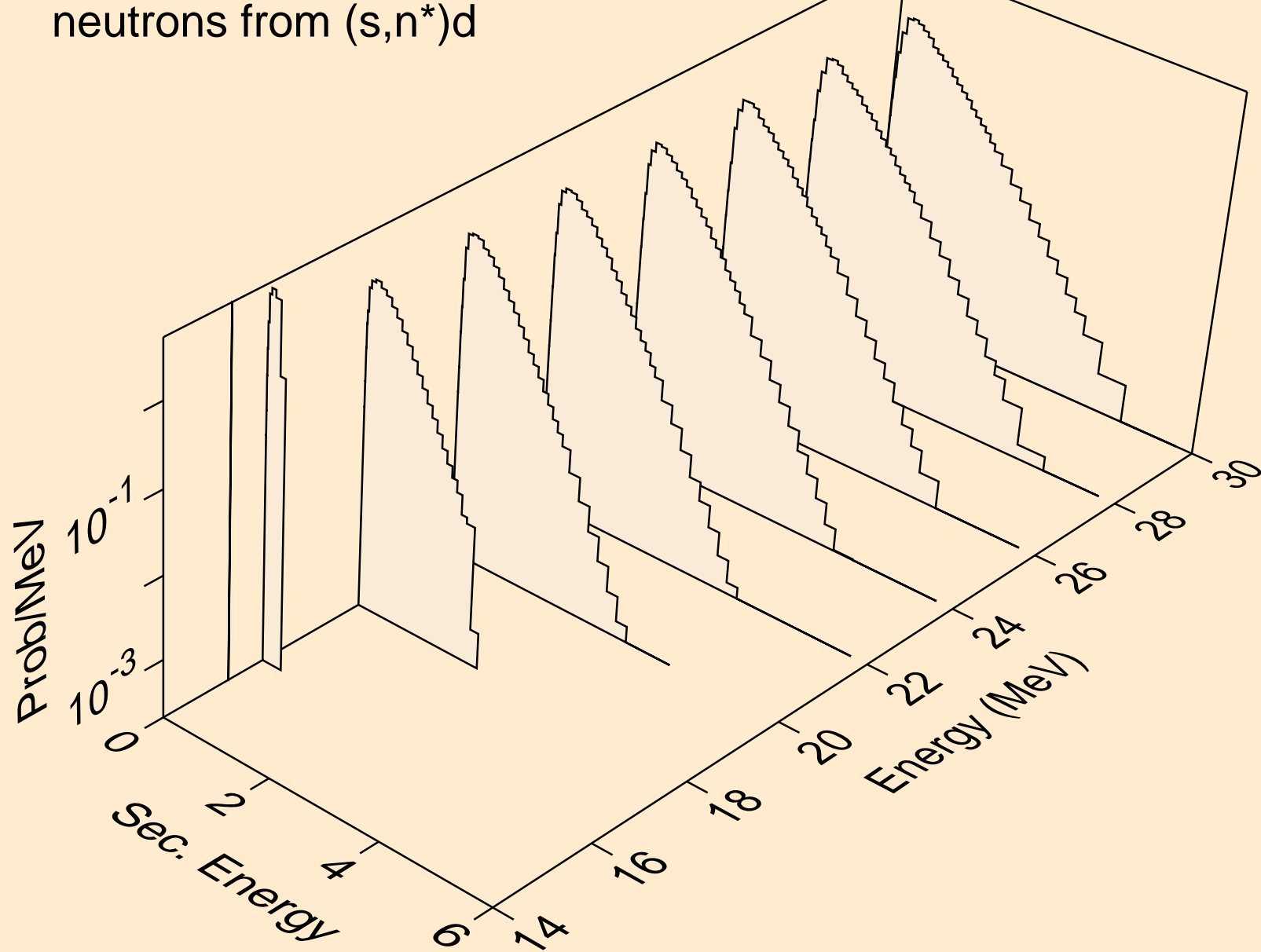
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neutrons from (s,n\*)2a



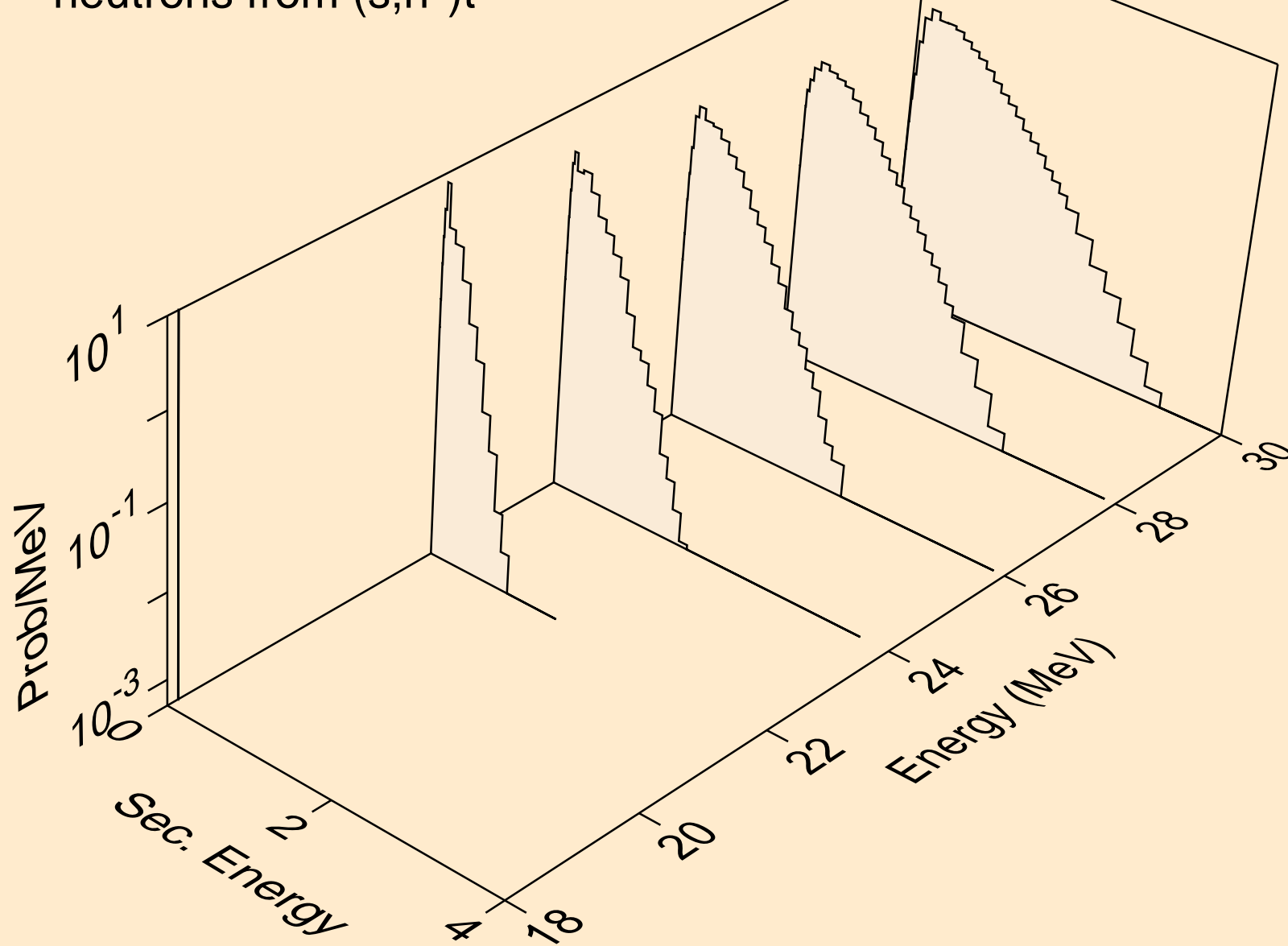
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neutrons from (s,2n)2a



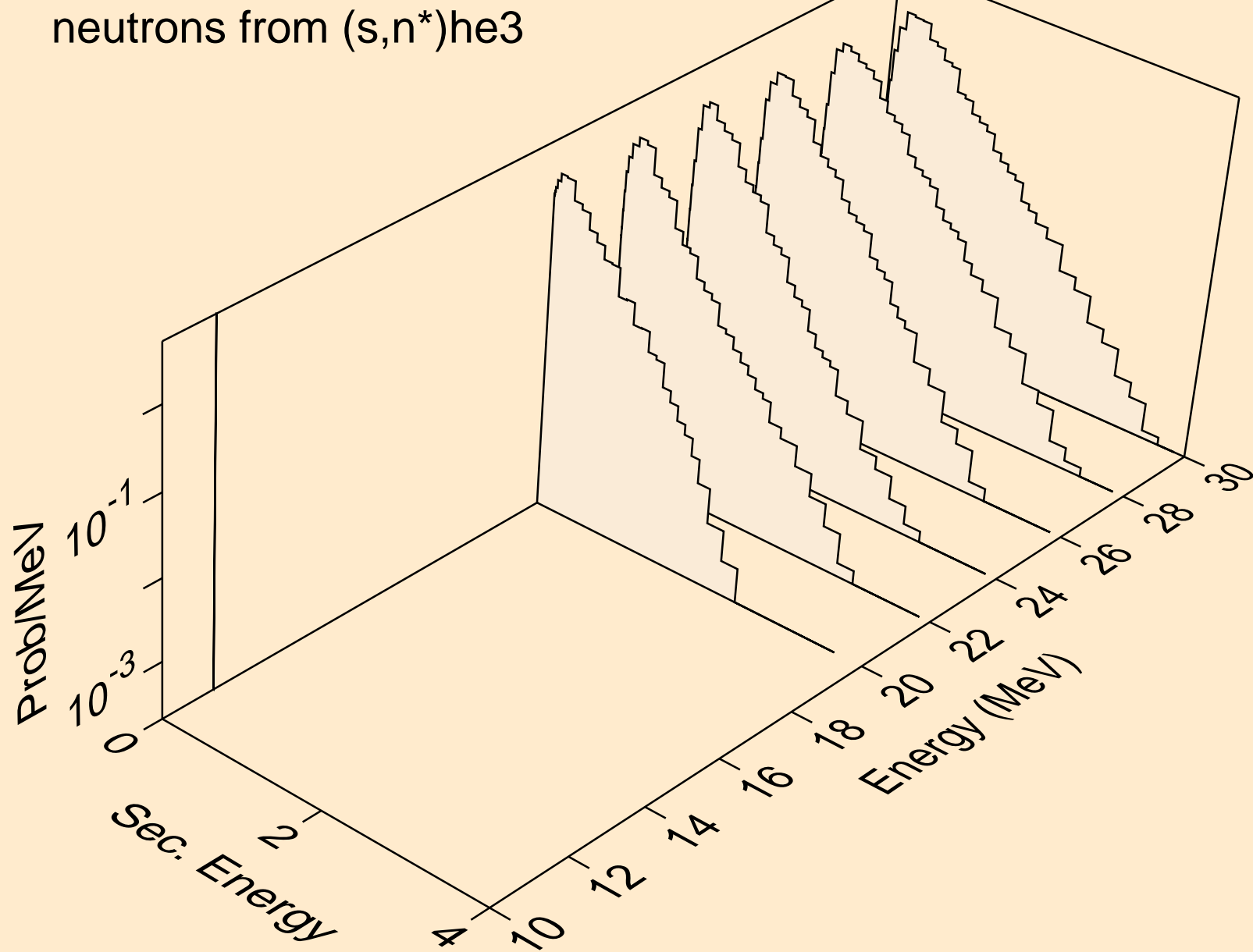
AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)d



AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)t

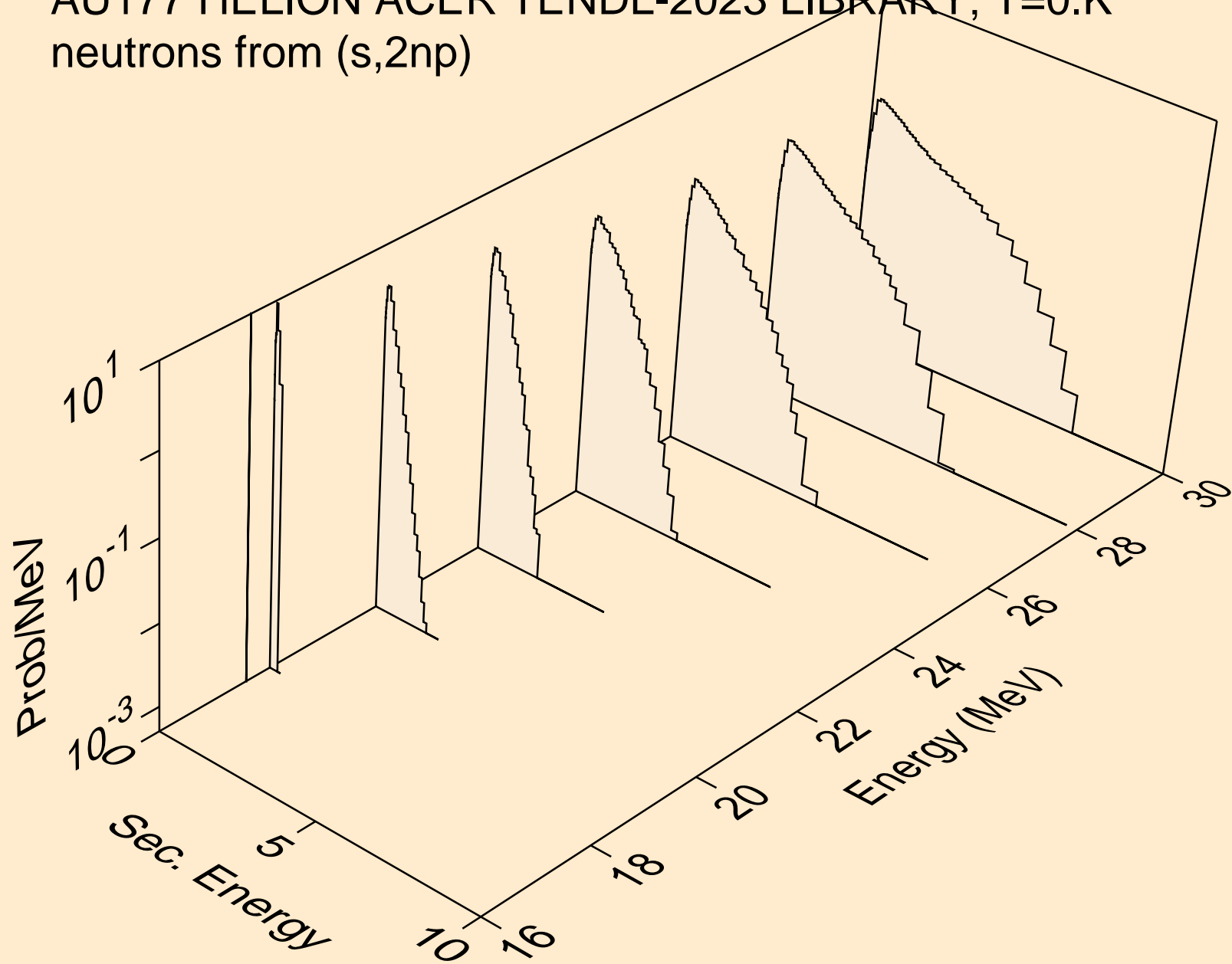


AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)he3

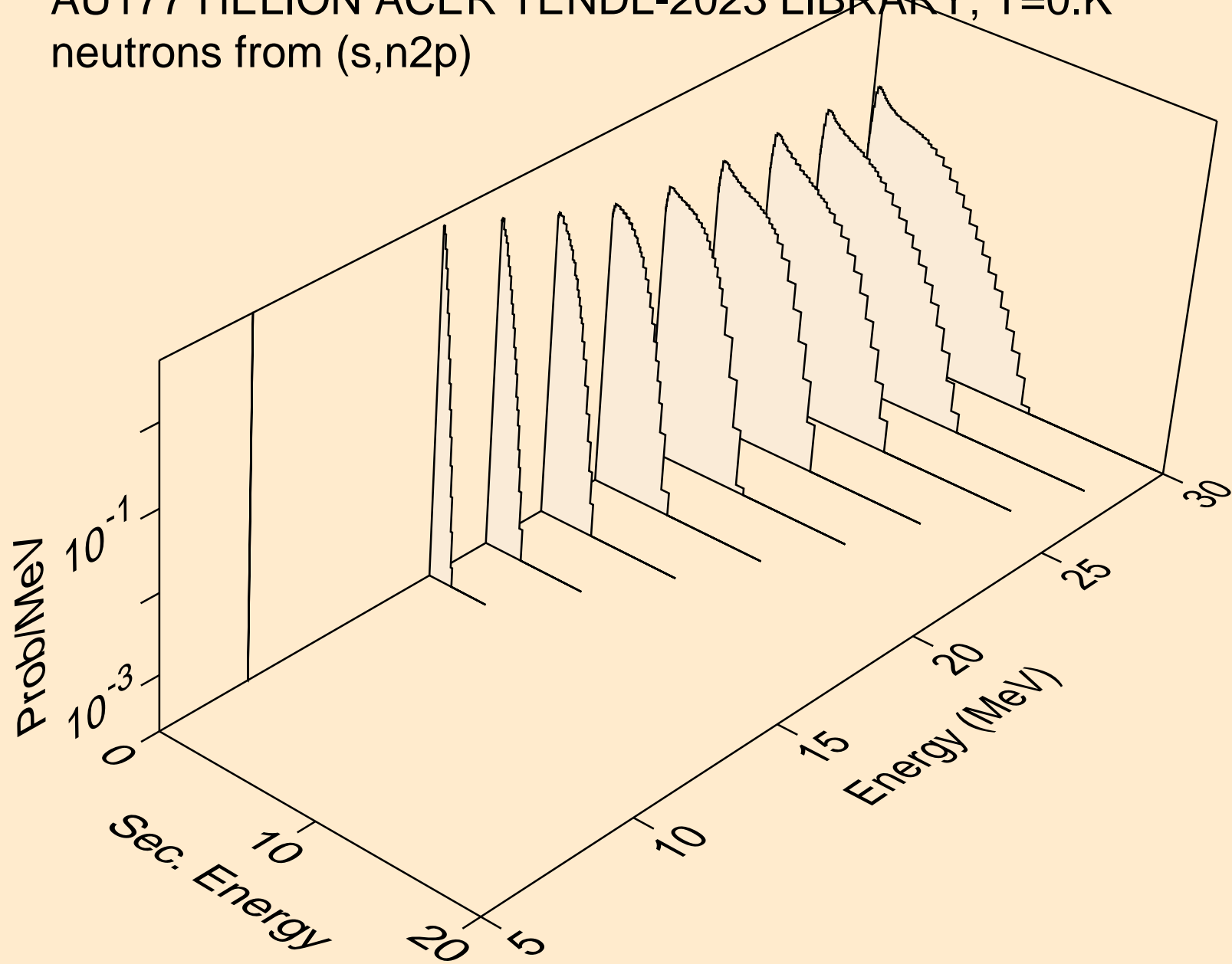




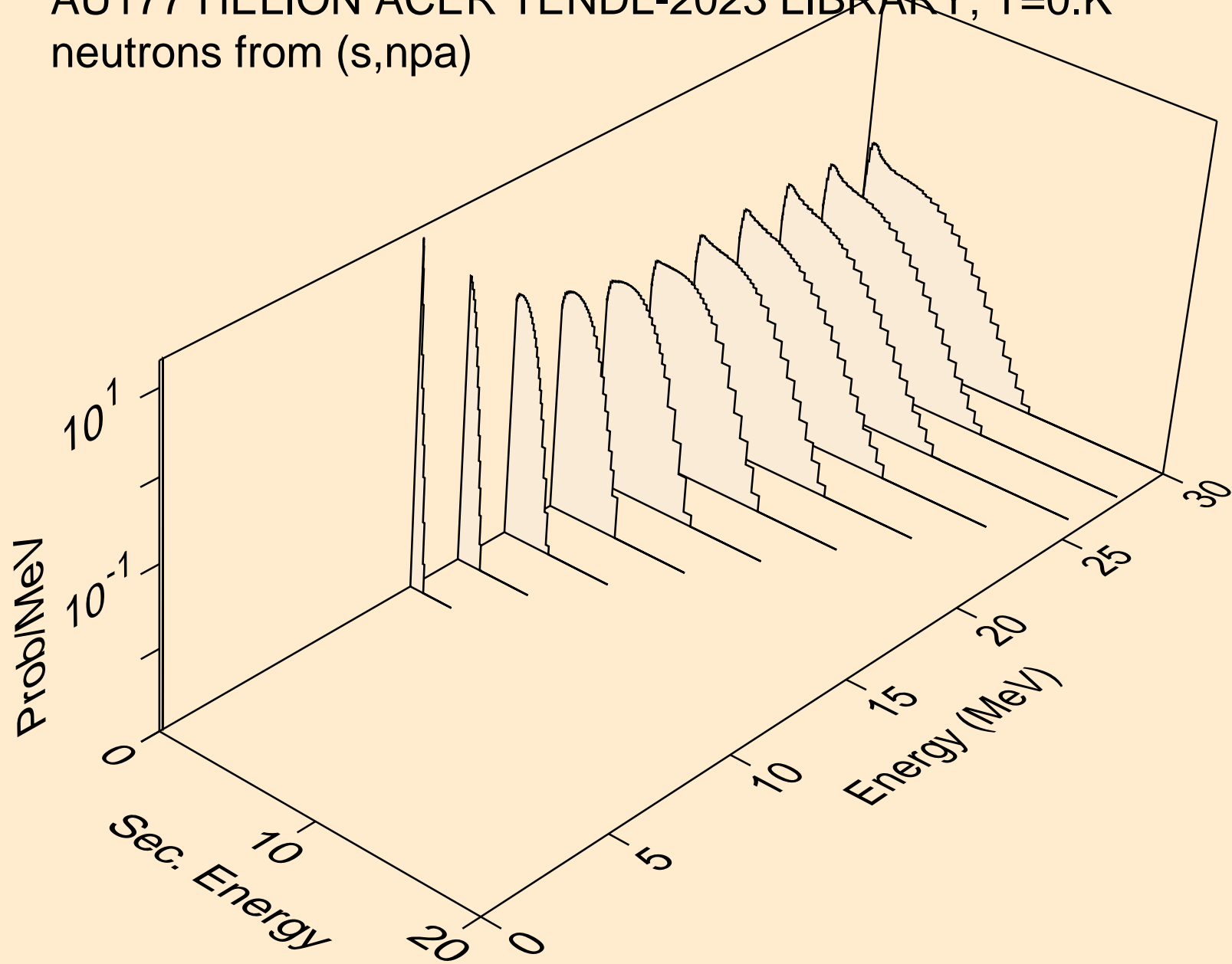
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neutrons from (s,2np)



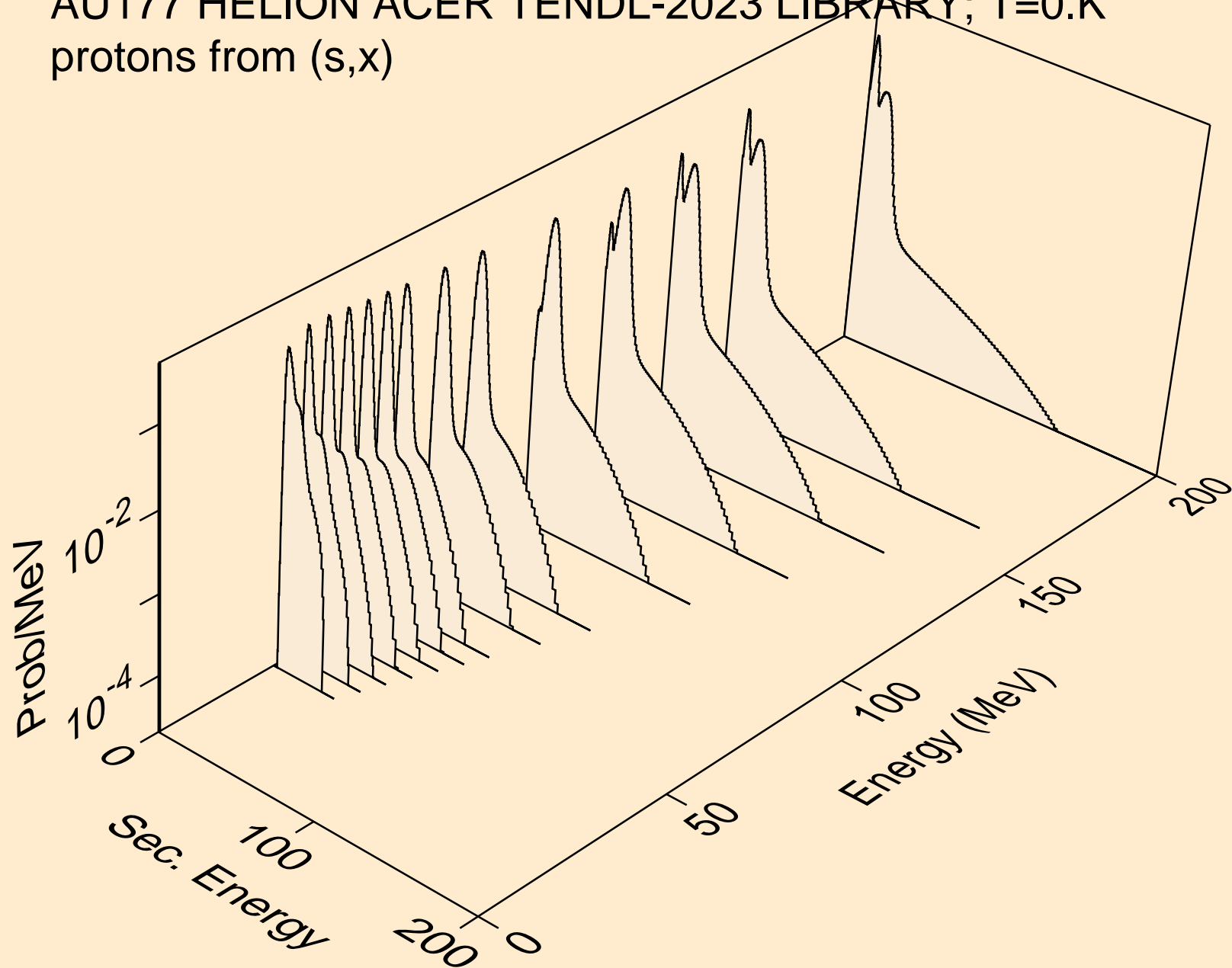
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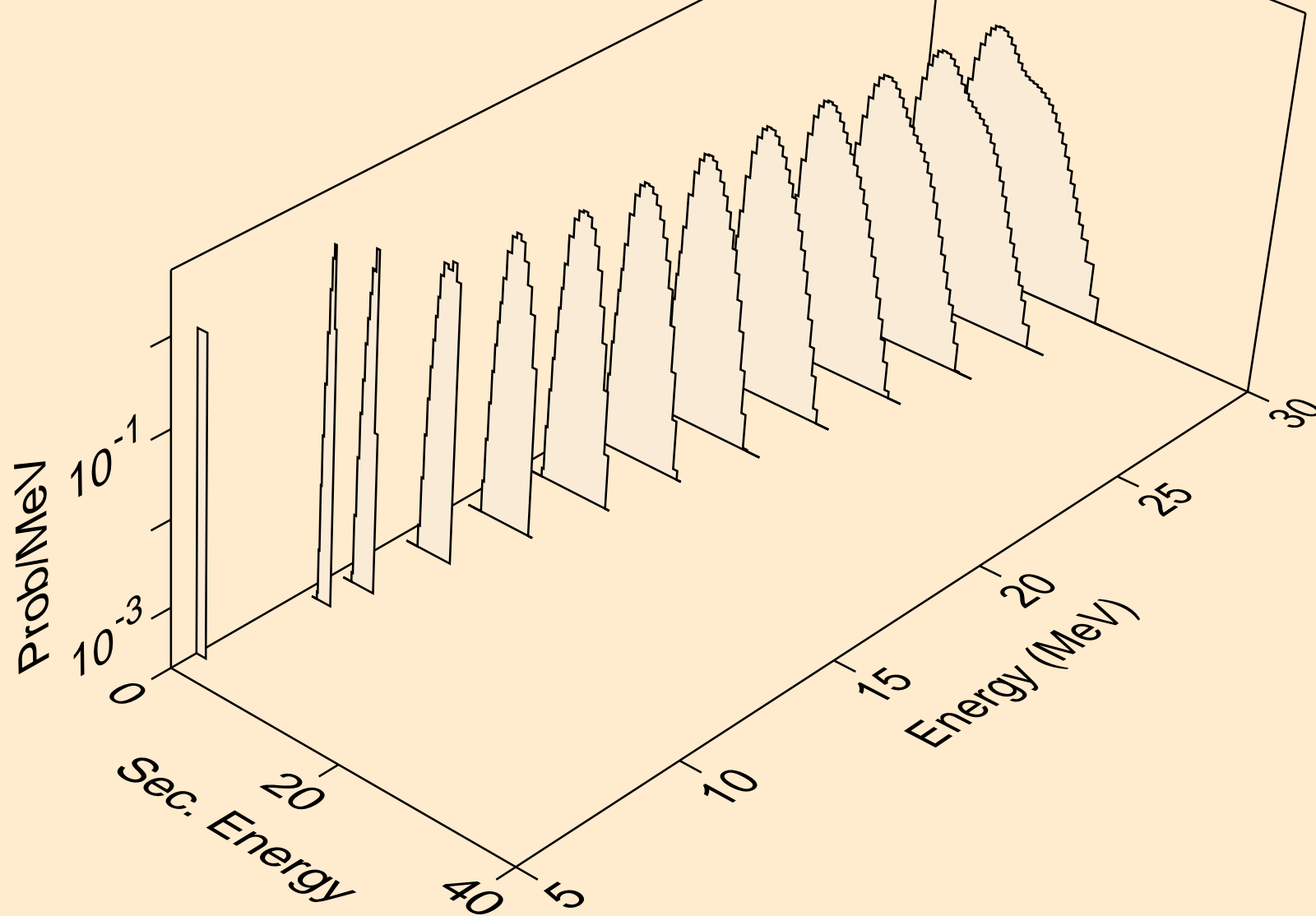
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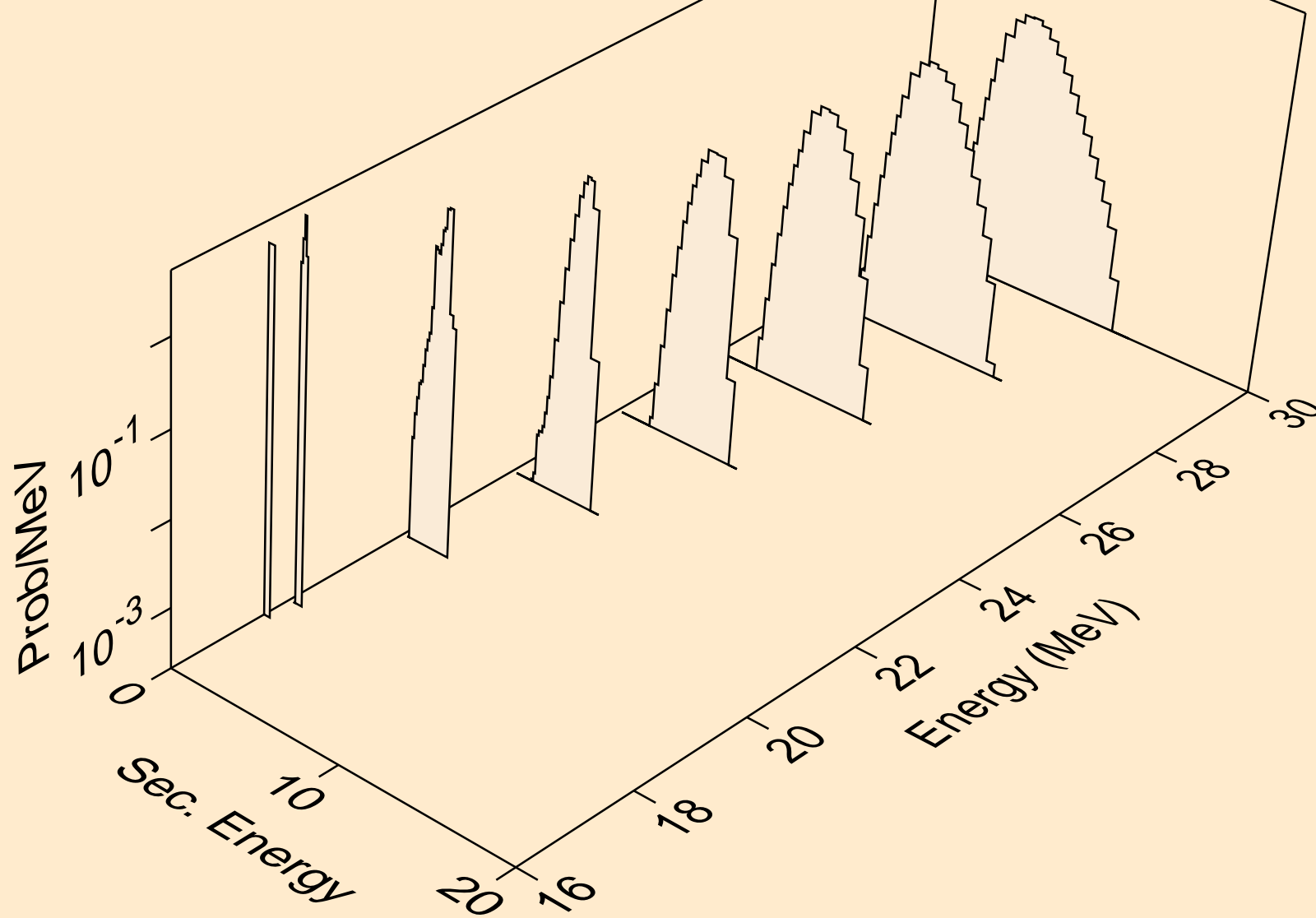
AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,x)



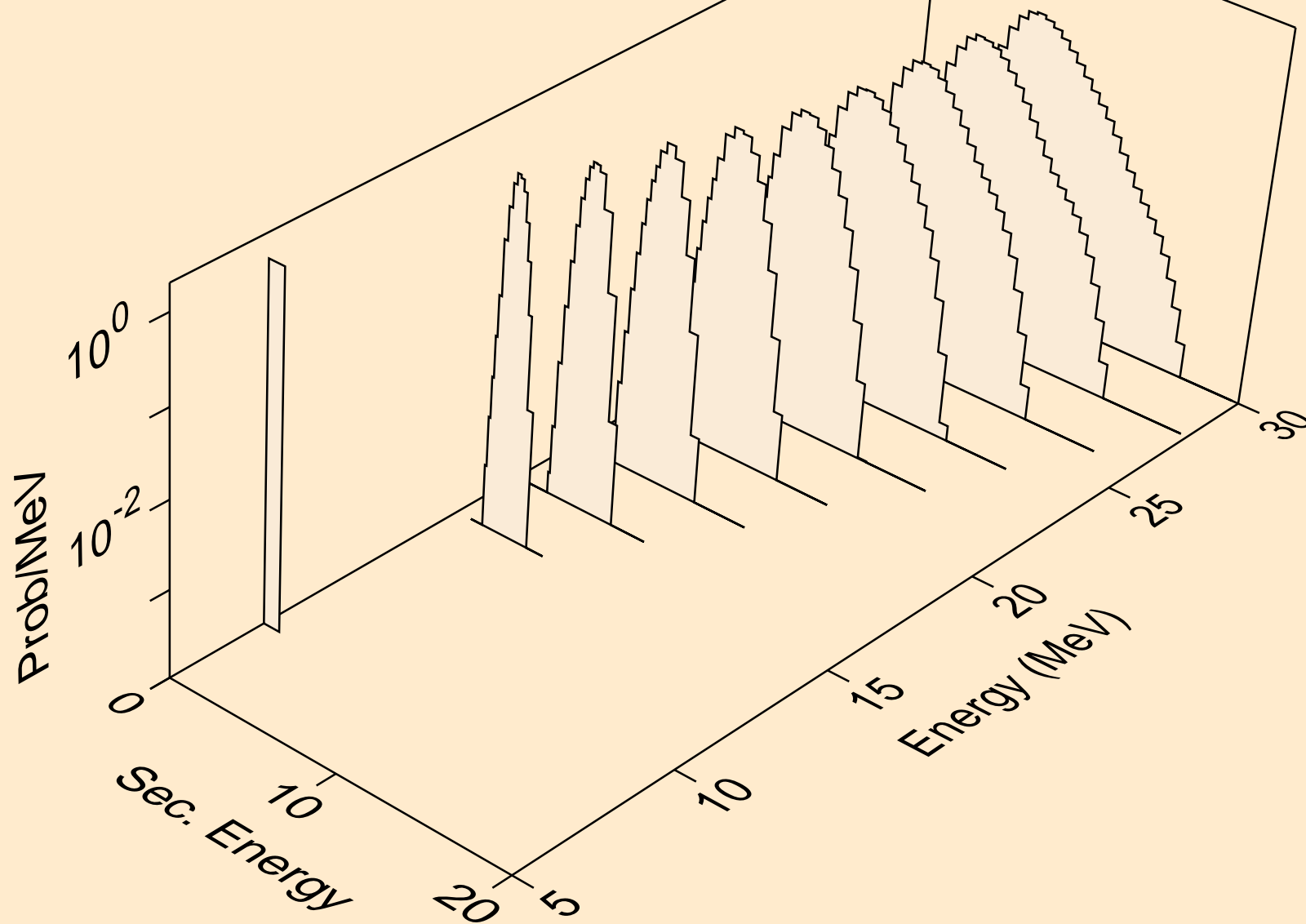
AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,n\*)p



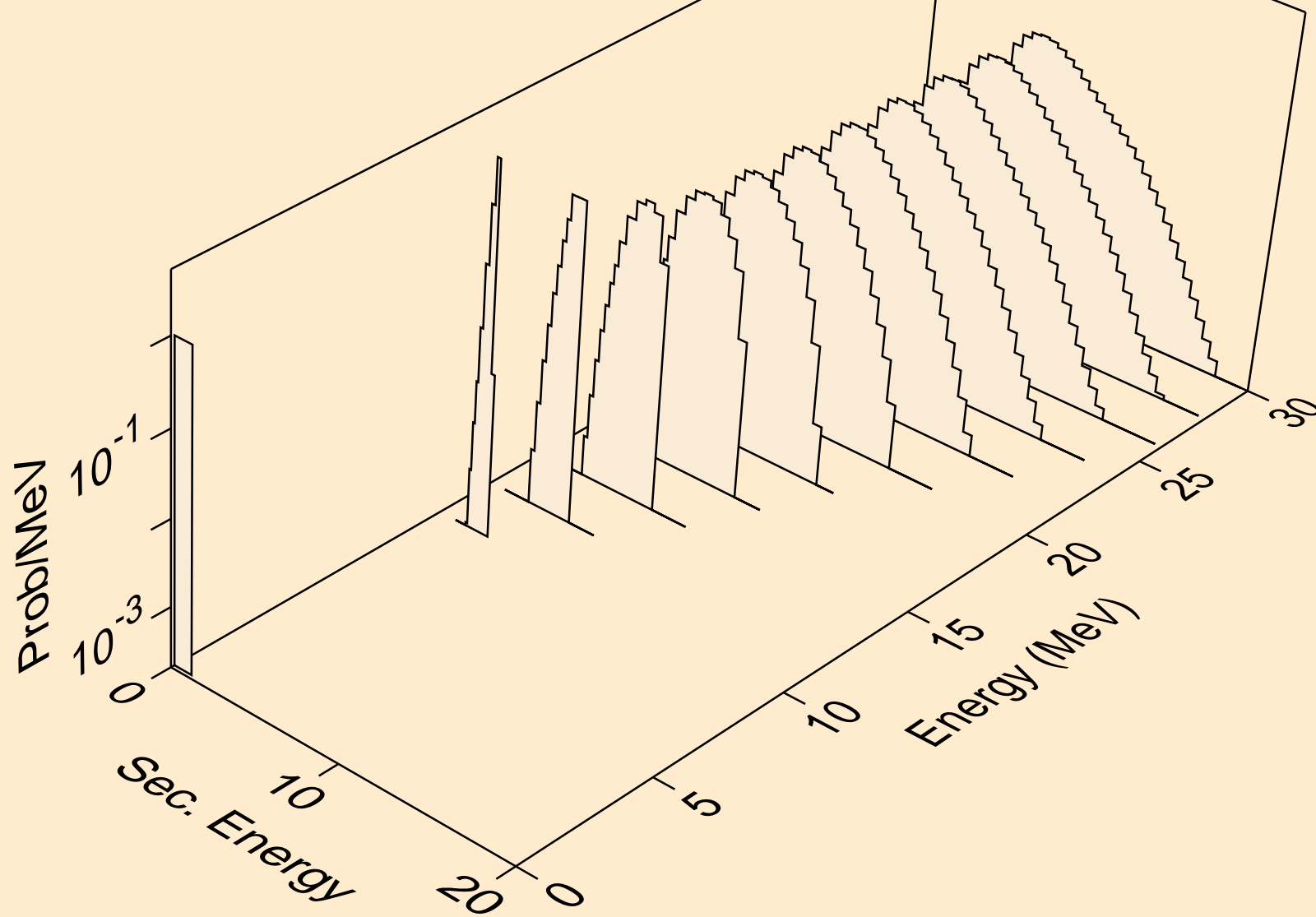
AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,2np)



AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,n2p)

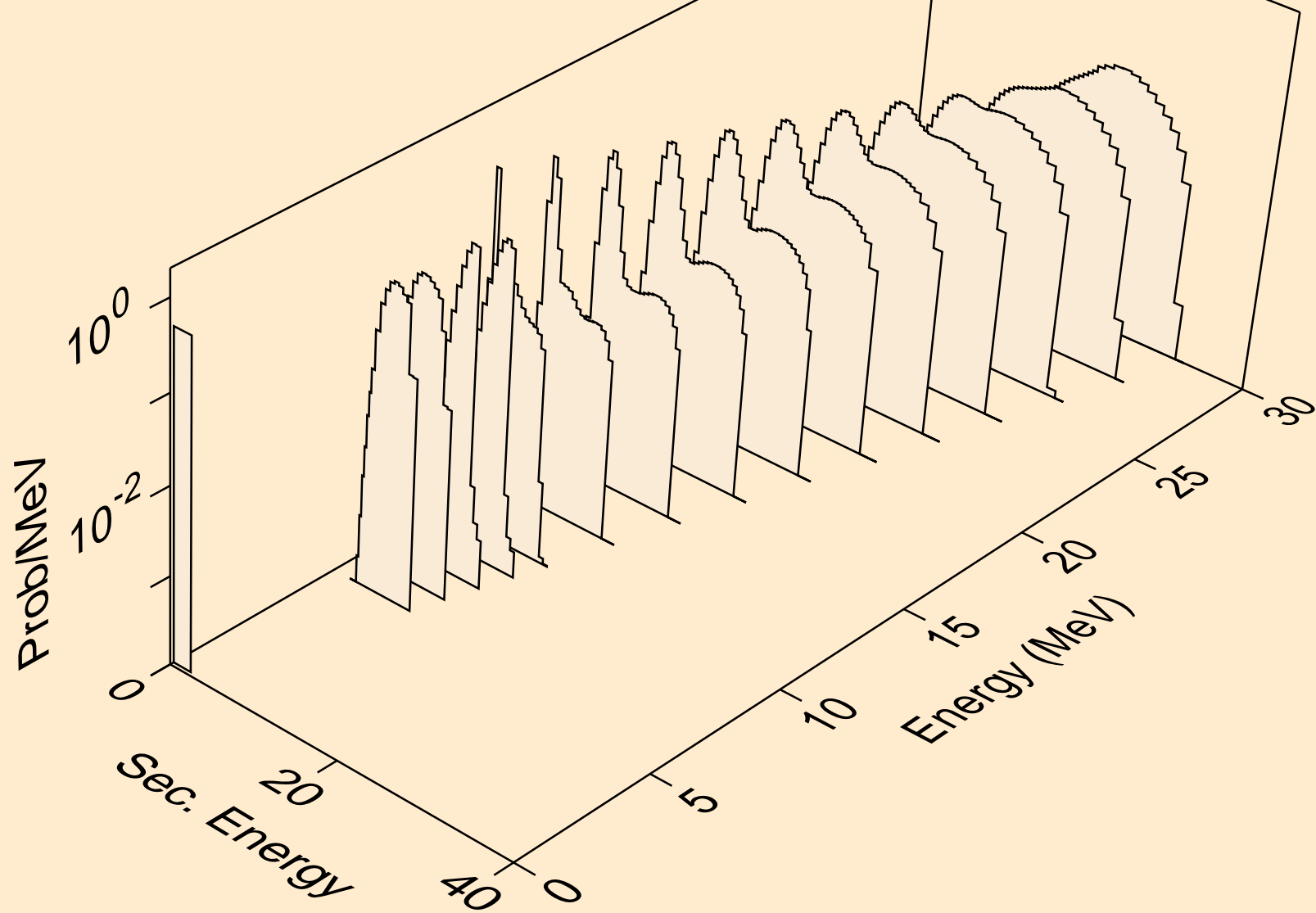


AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,npa)

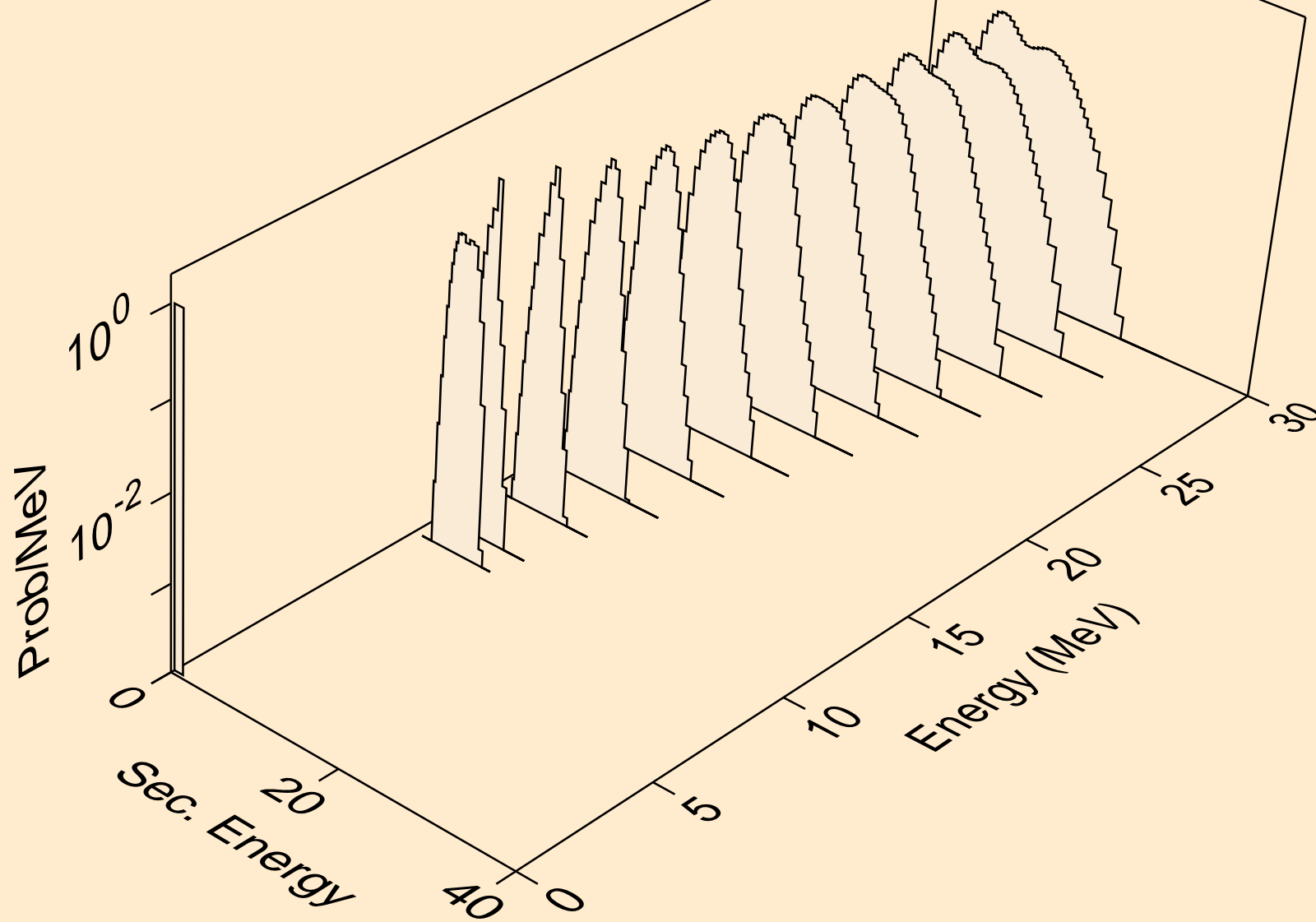




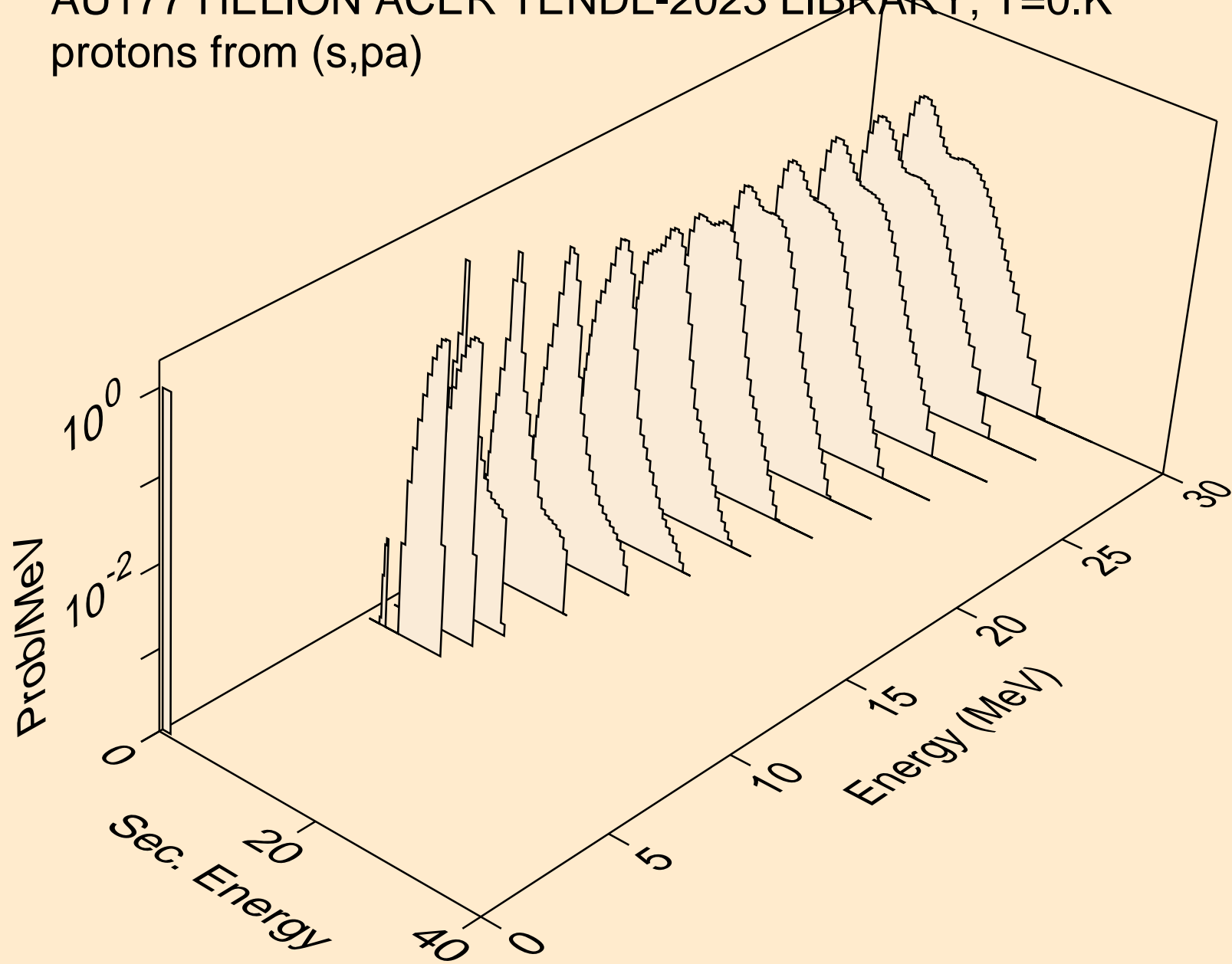
AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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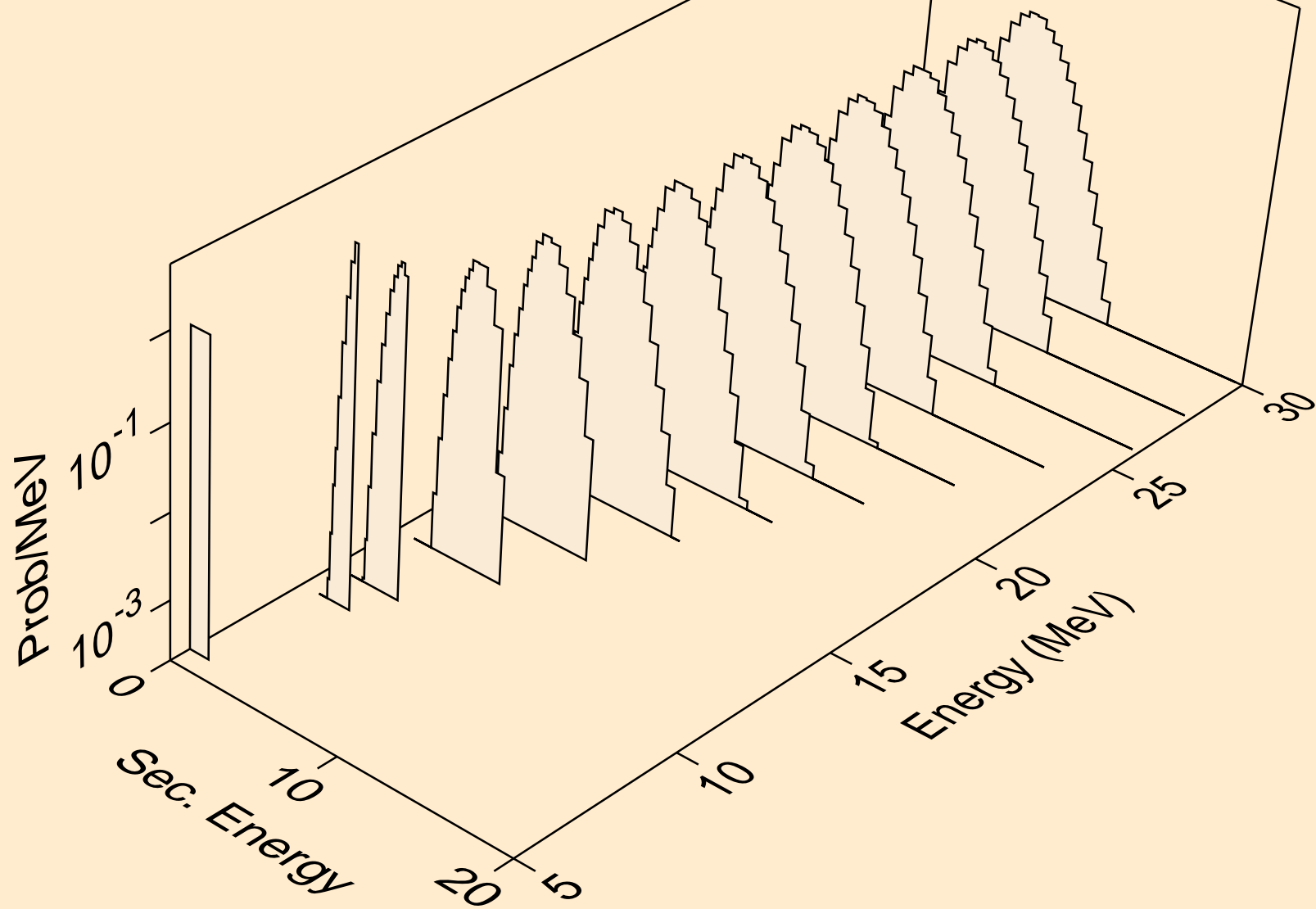
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protons from (s,2p)



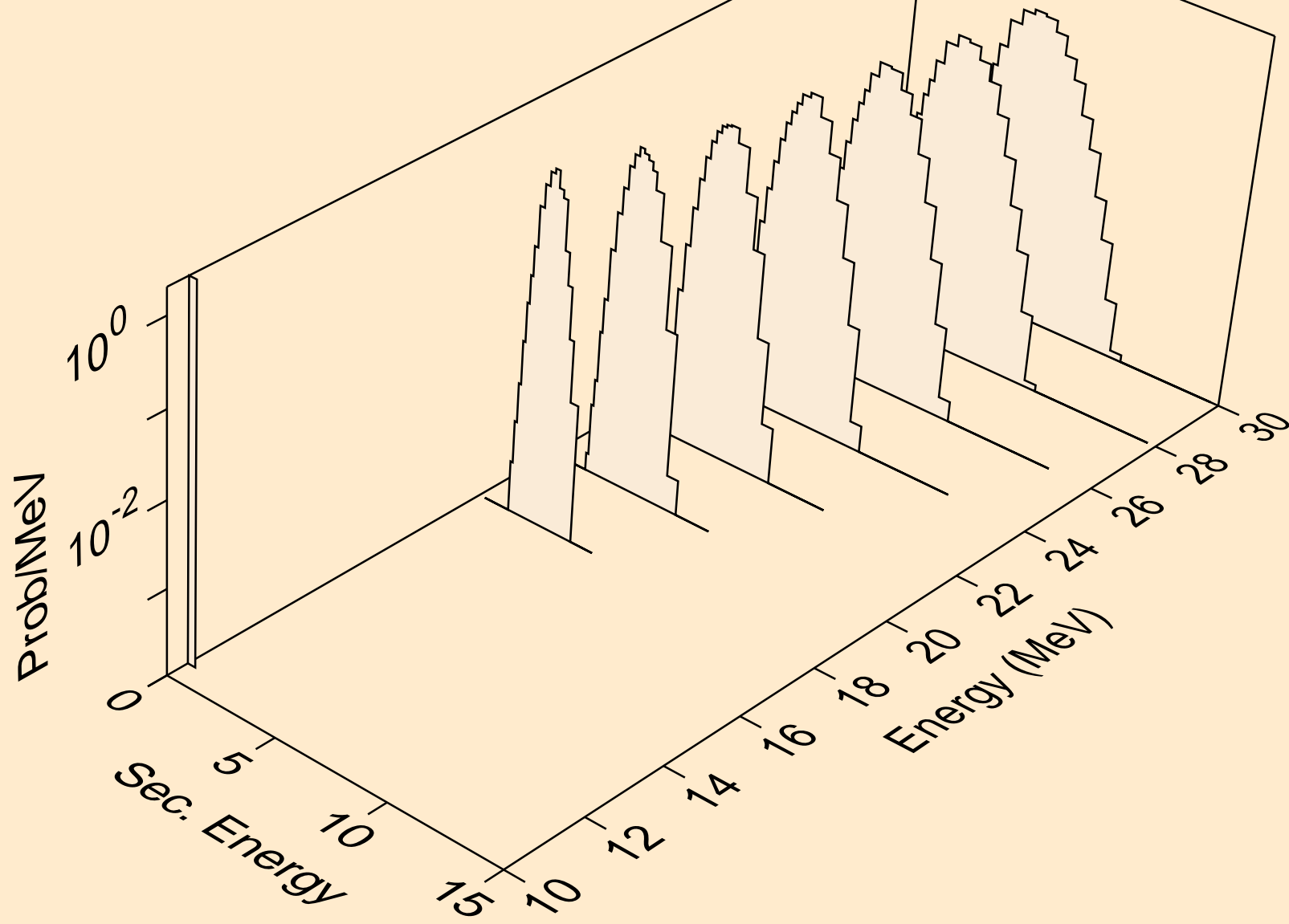
AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pa)



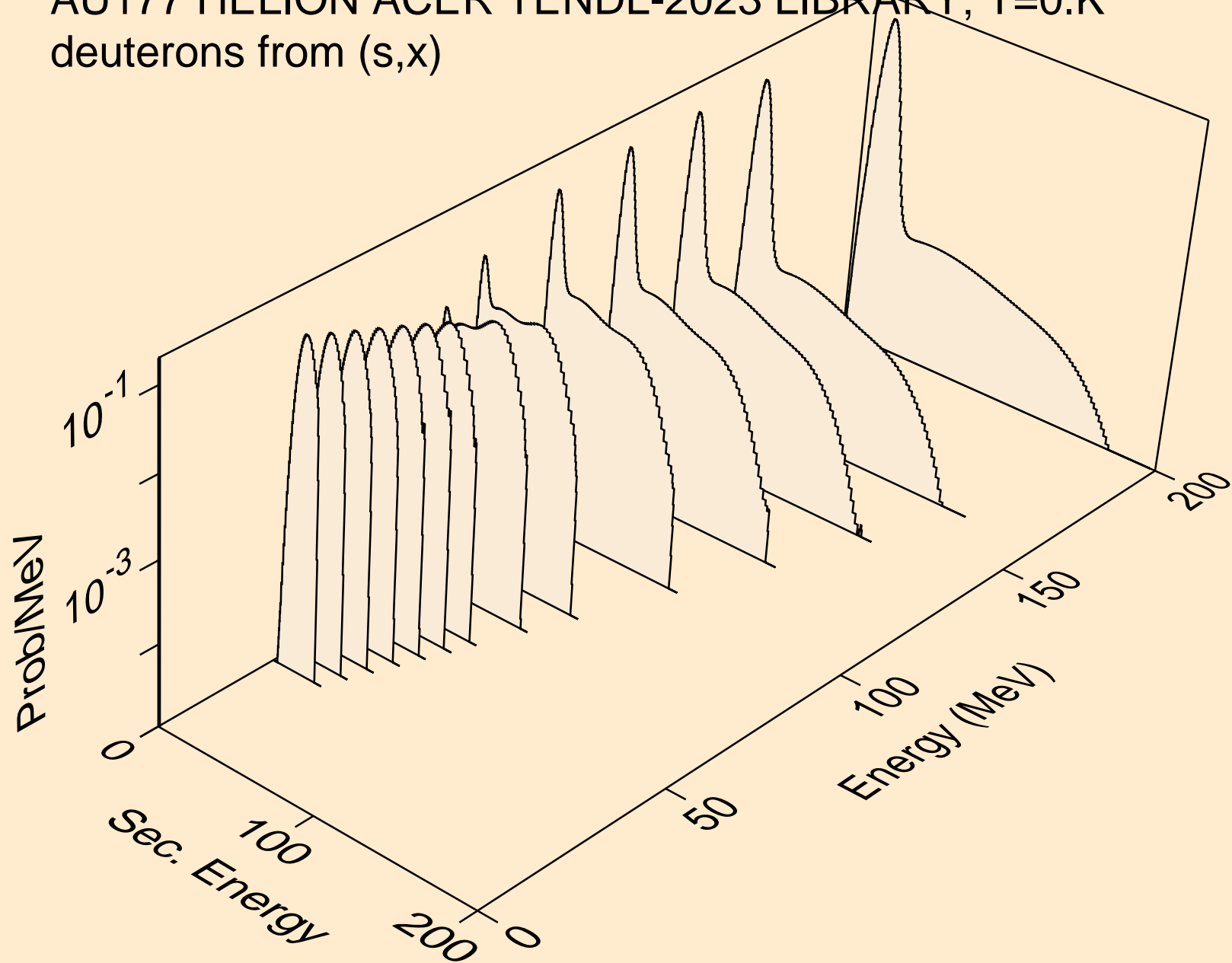
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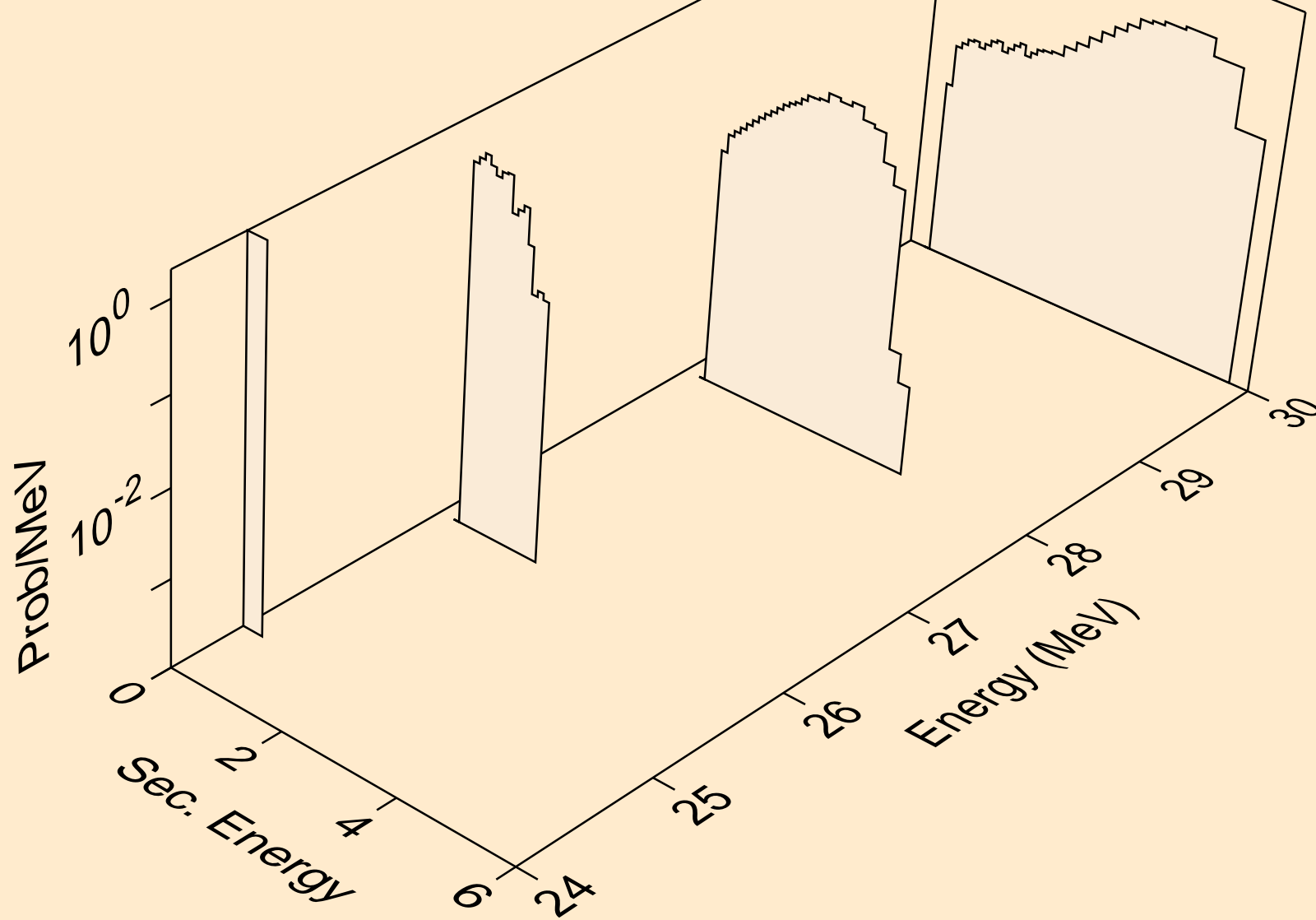
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protons from (s,pt)



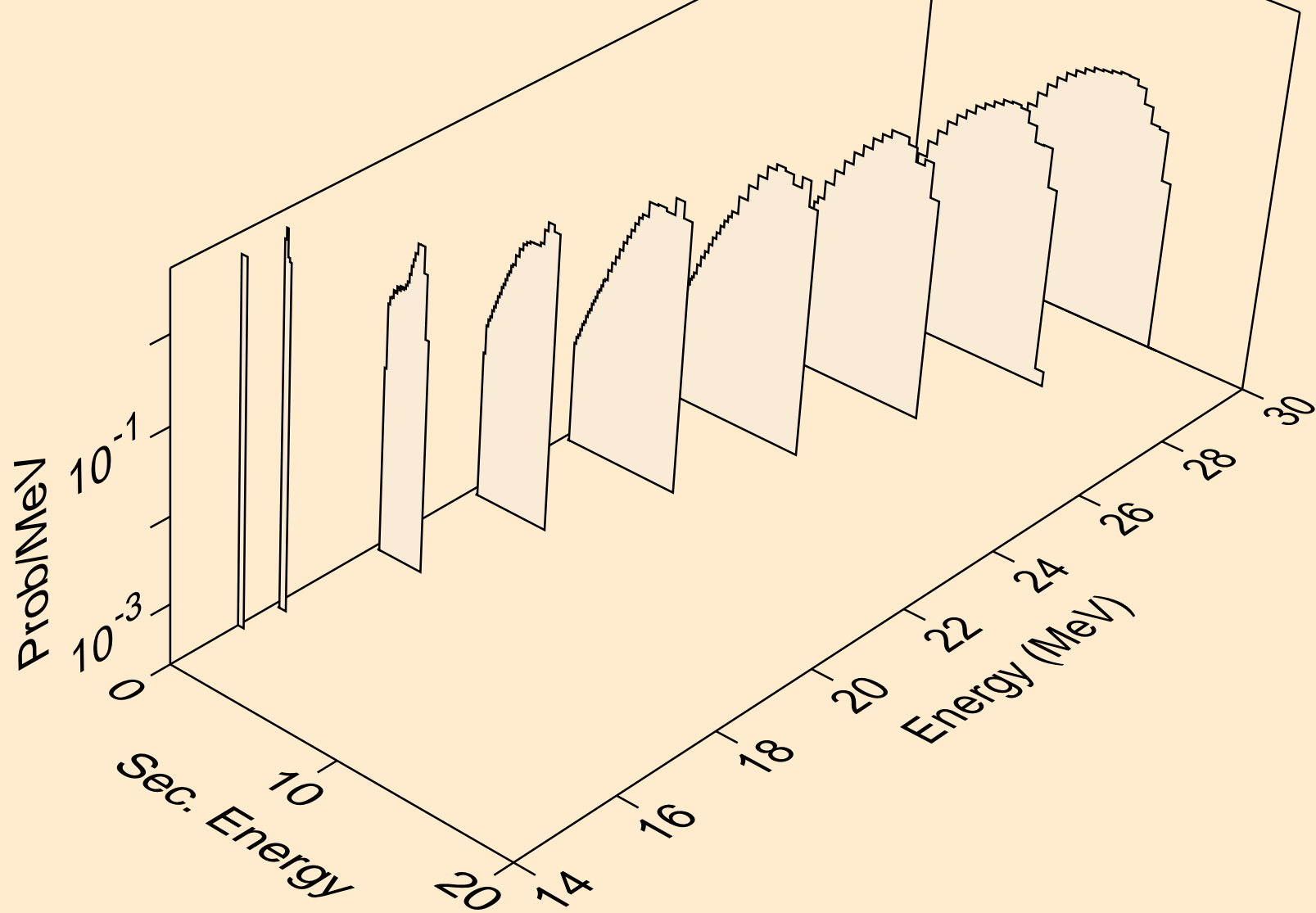
AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,x)



AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,2nd)

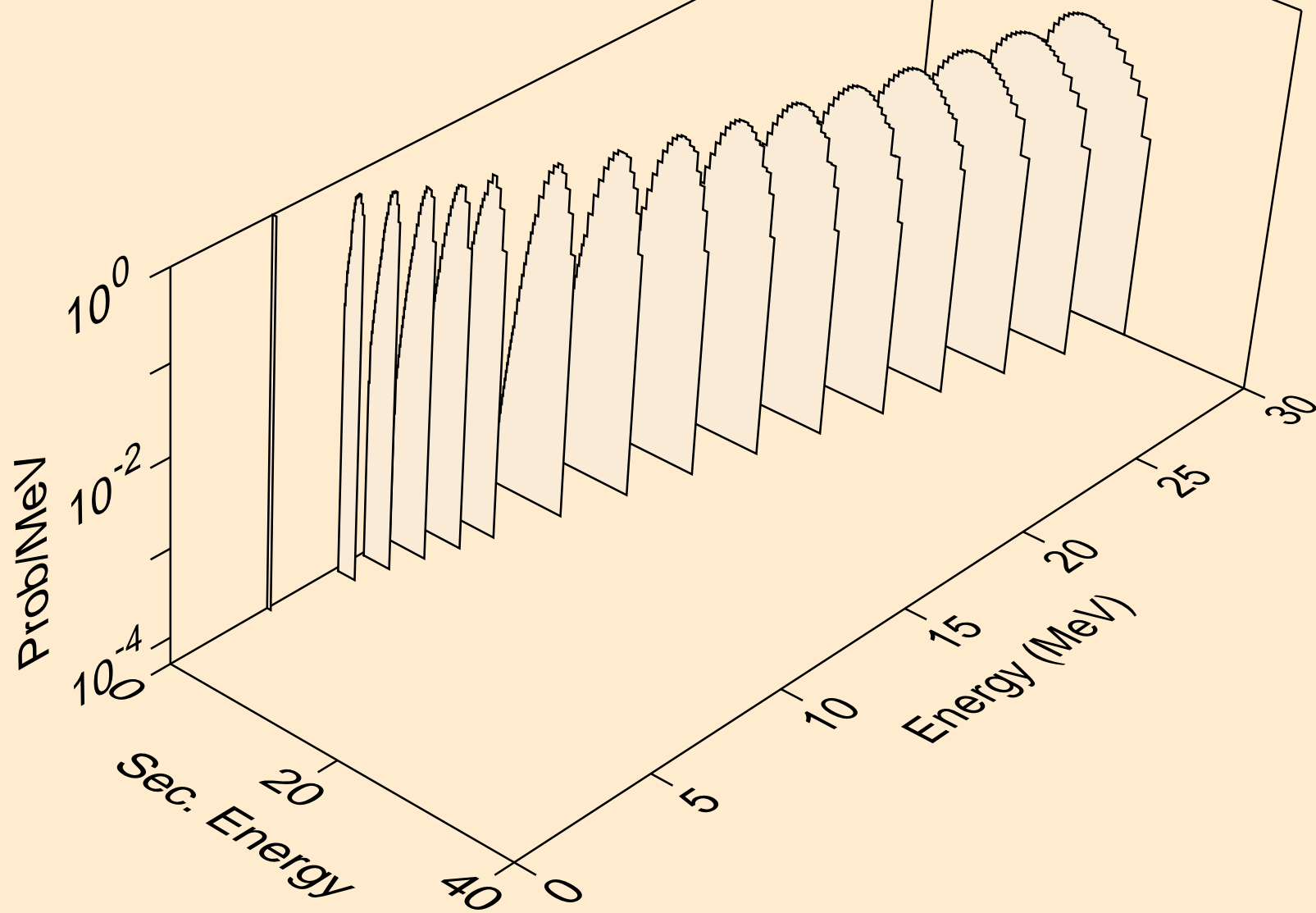


AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,n\*)d

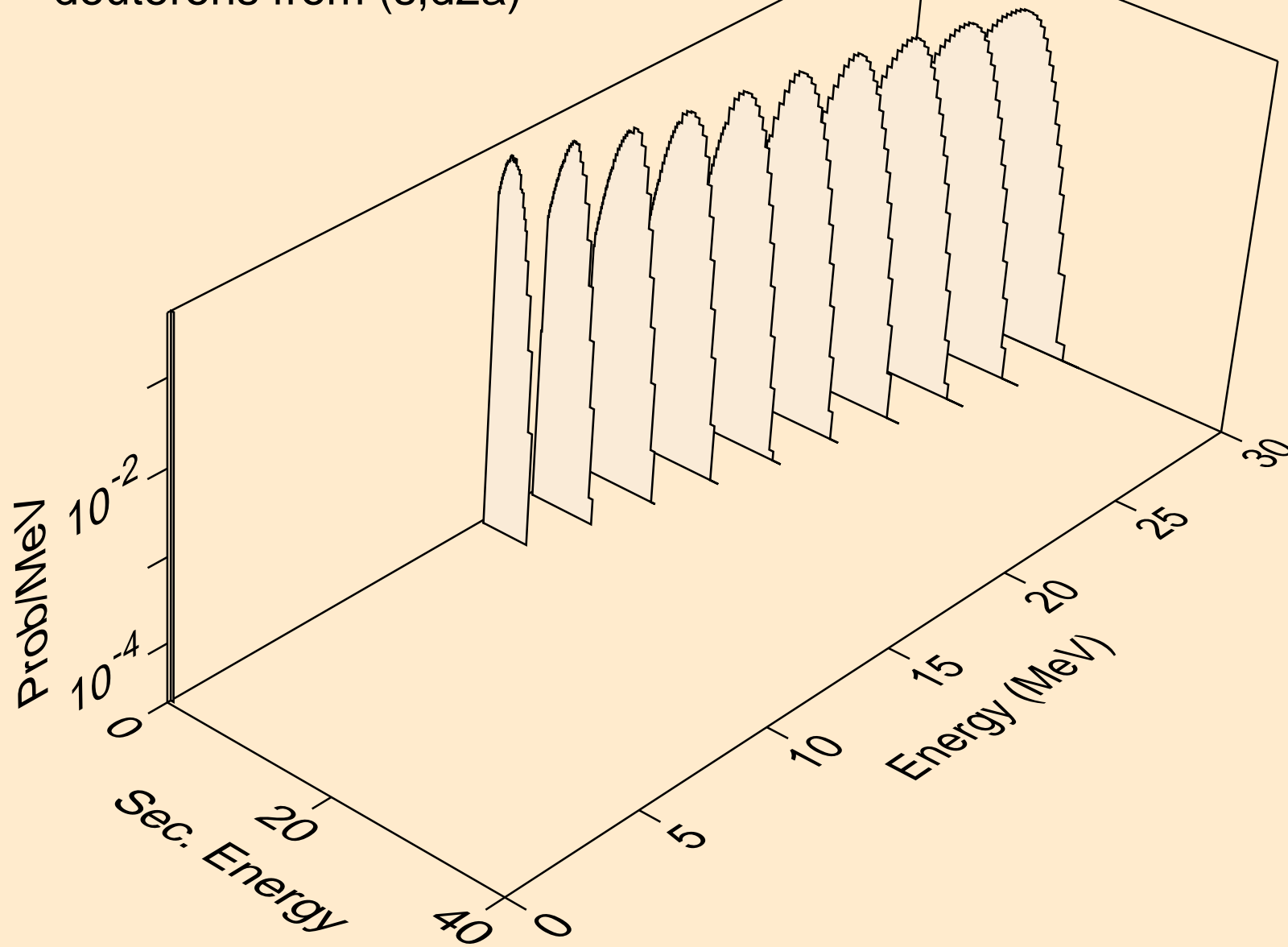




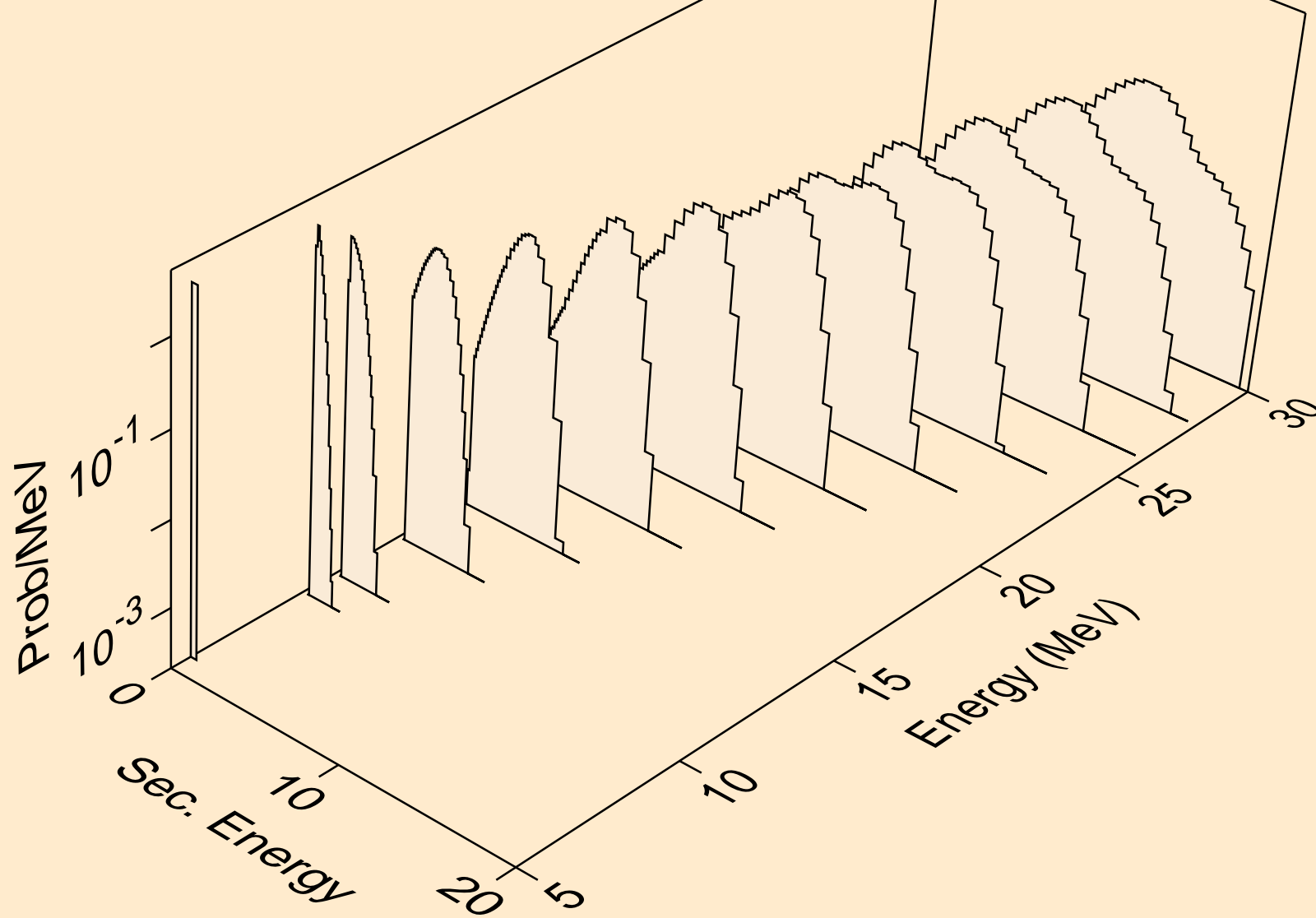
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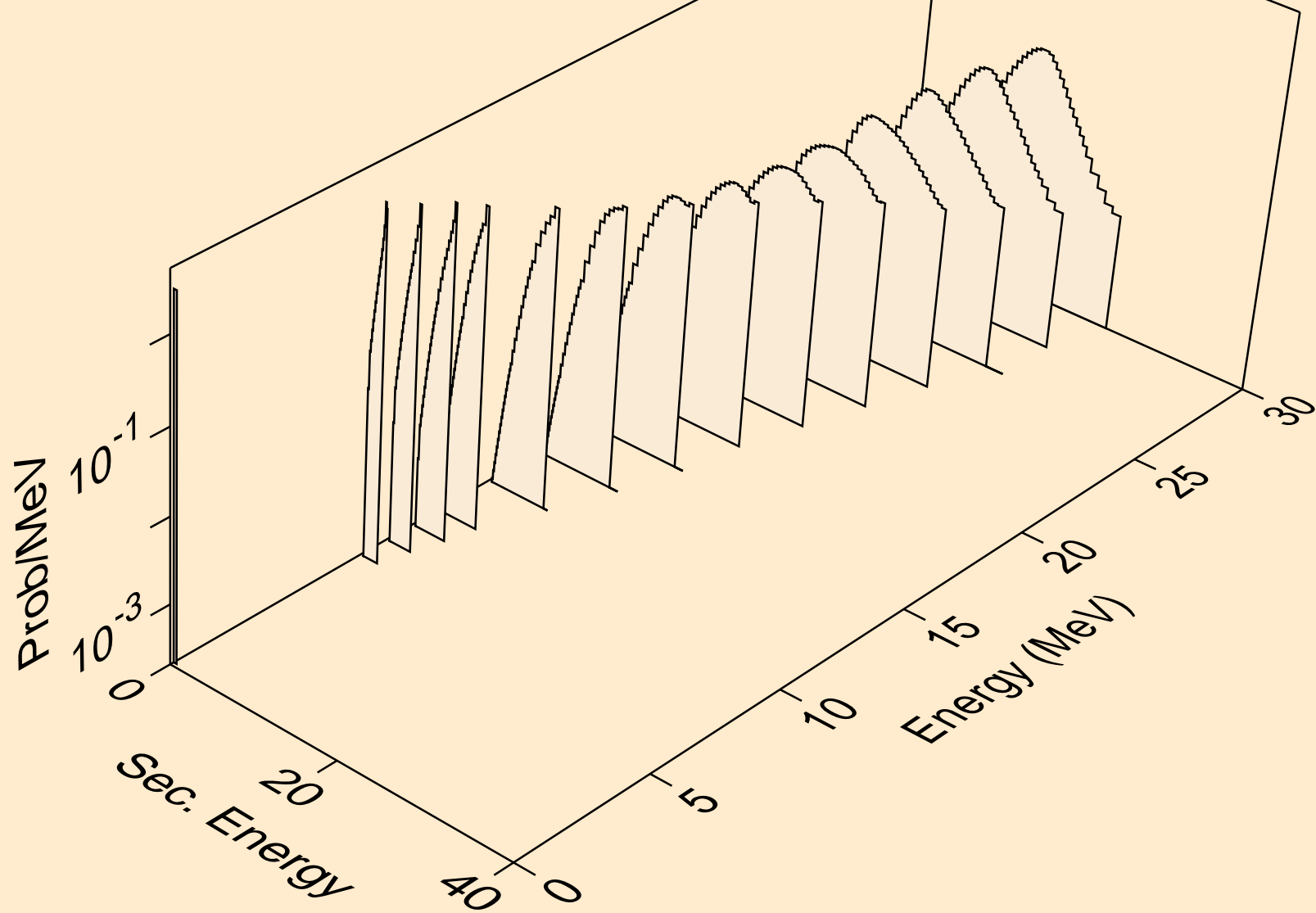
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deuterons from (s,d2a)



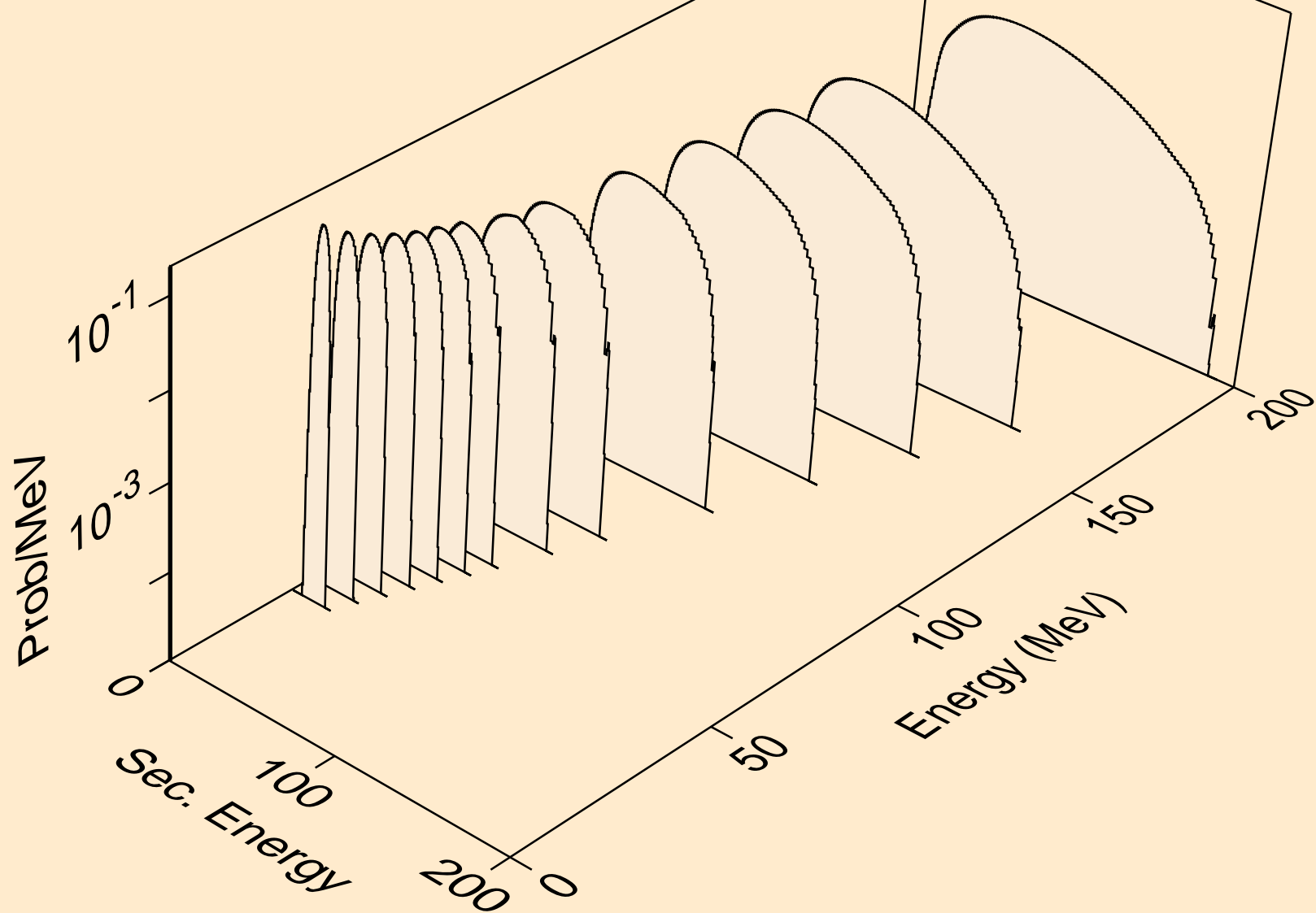
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deuterons from (s,pd)



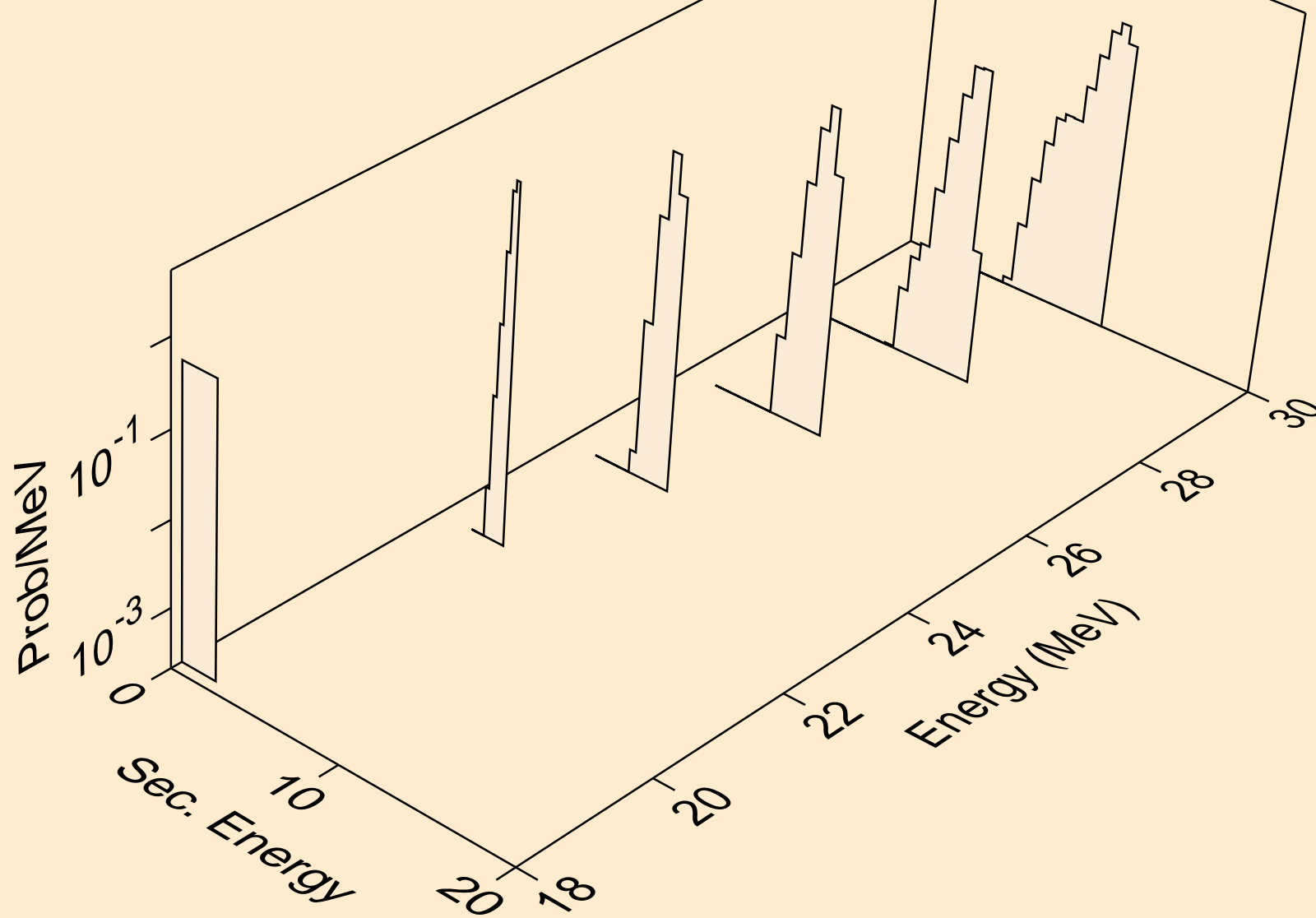
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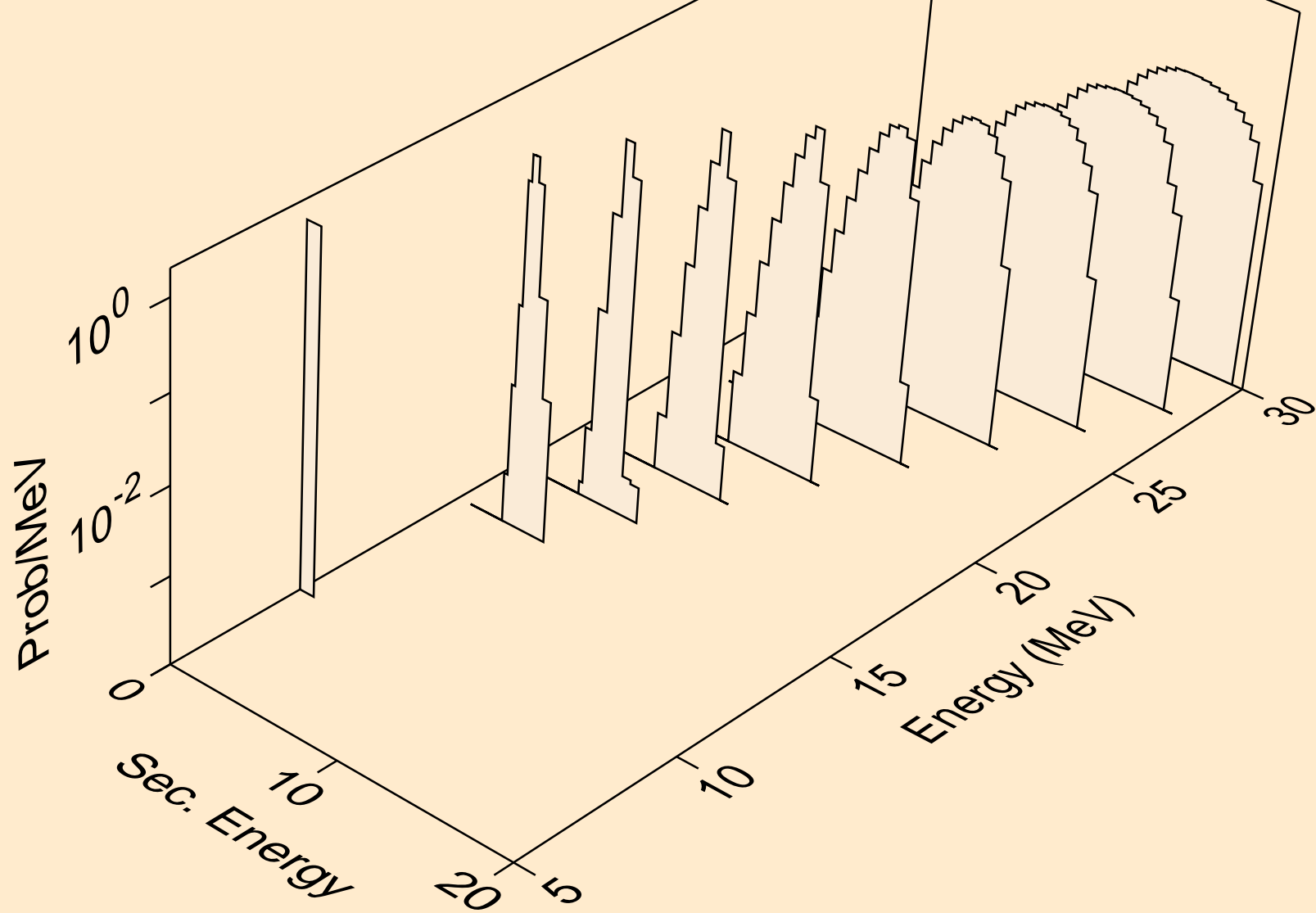
AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,x)



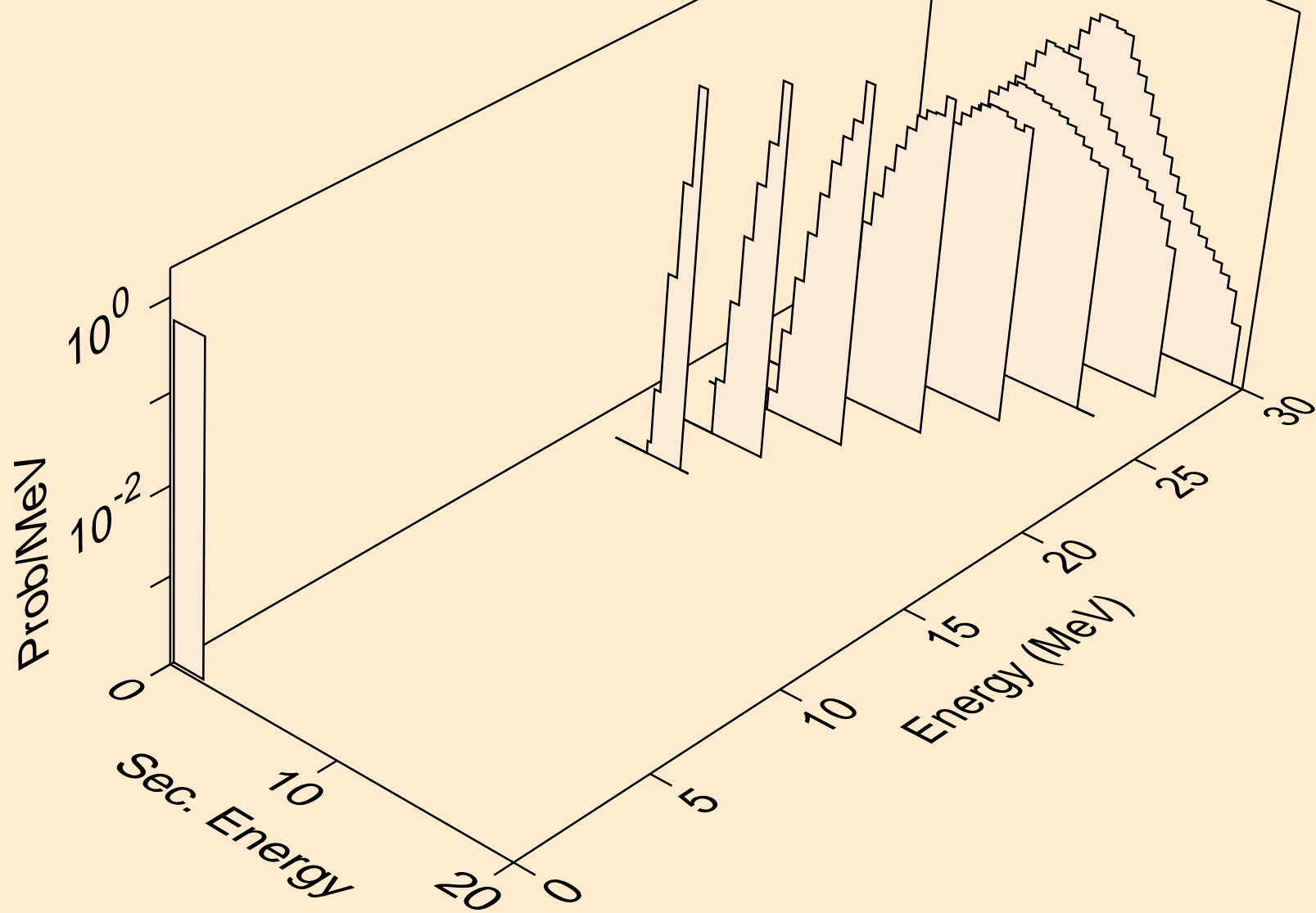
AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,n\*)t



AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,t)

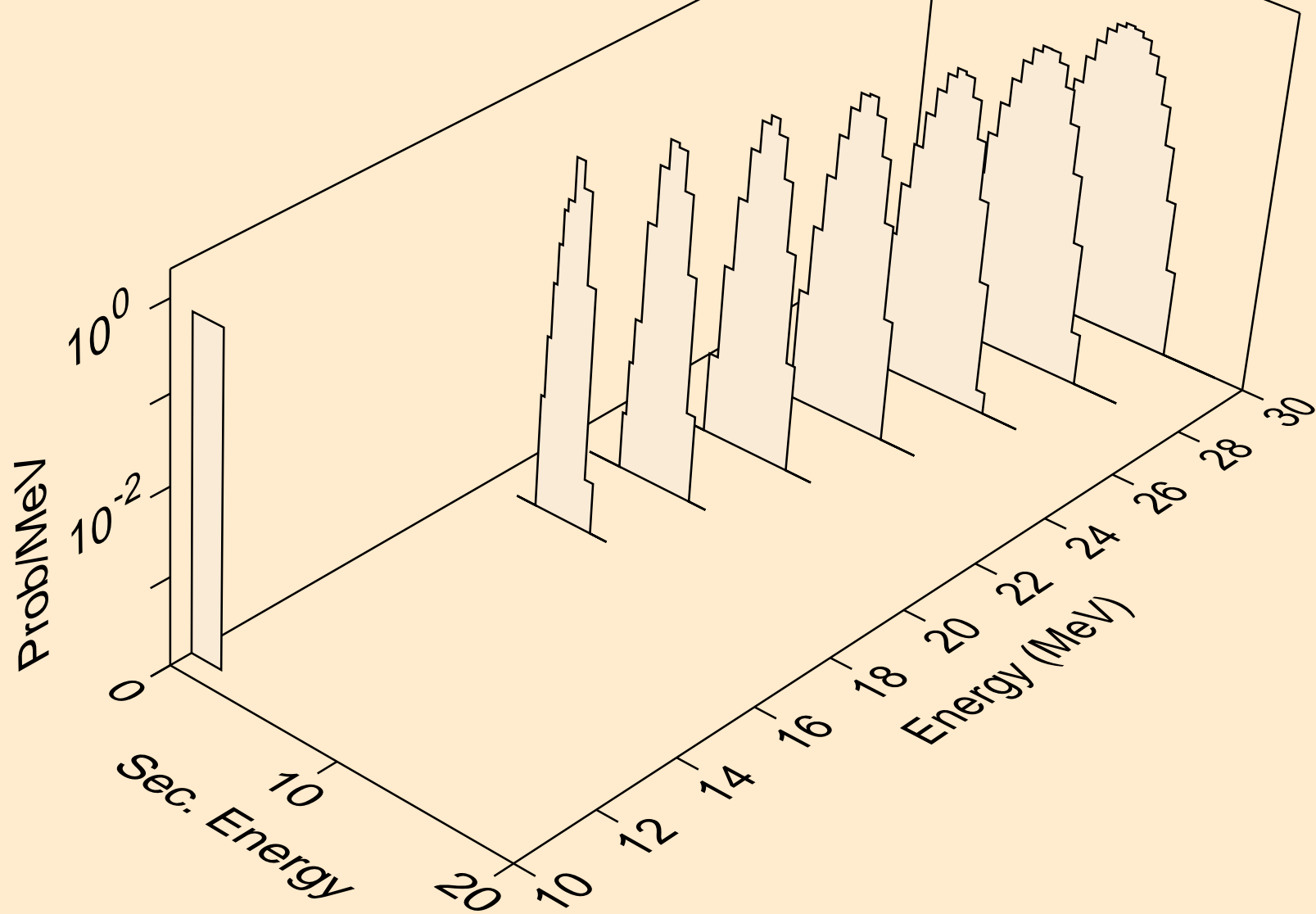


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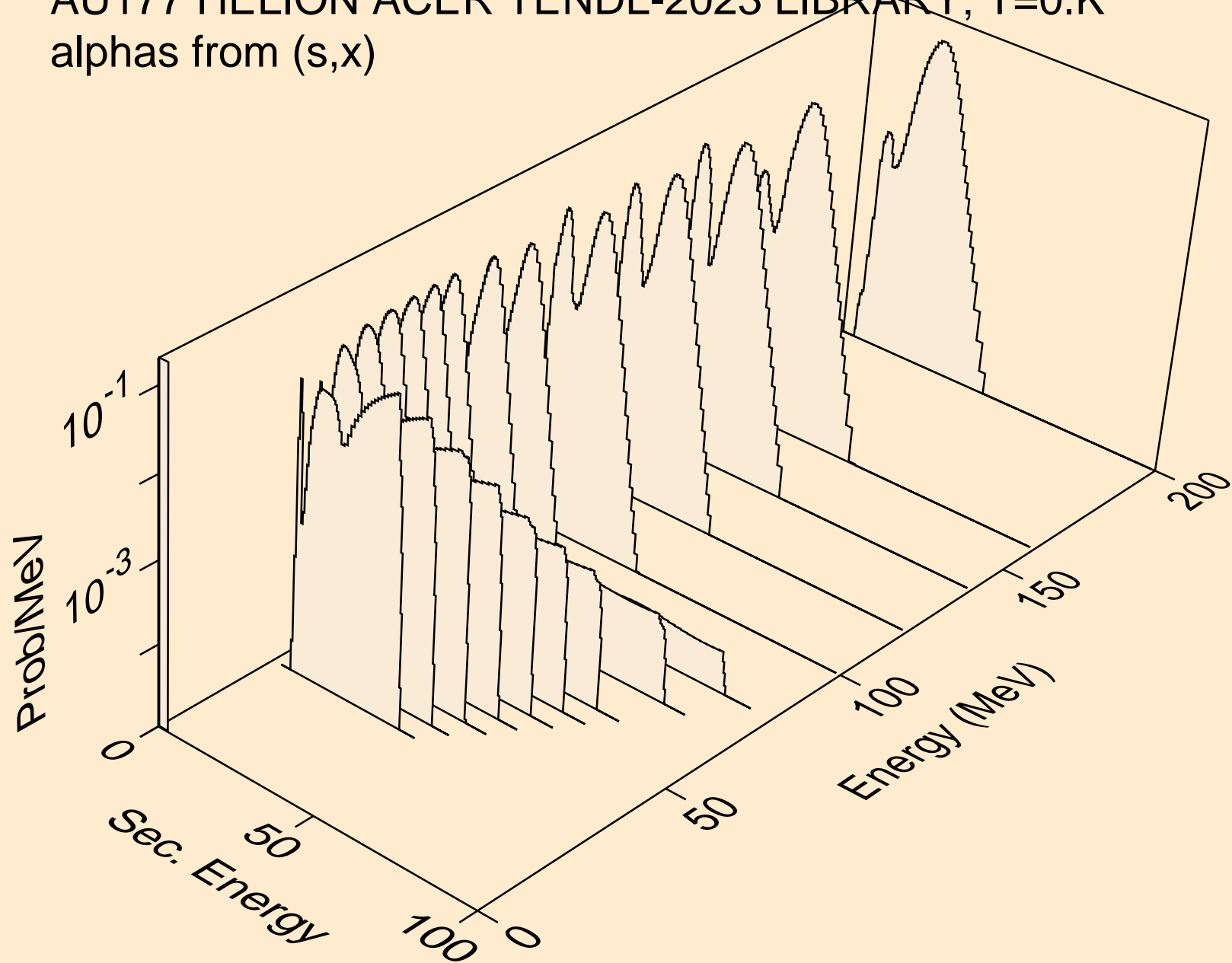




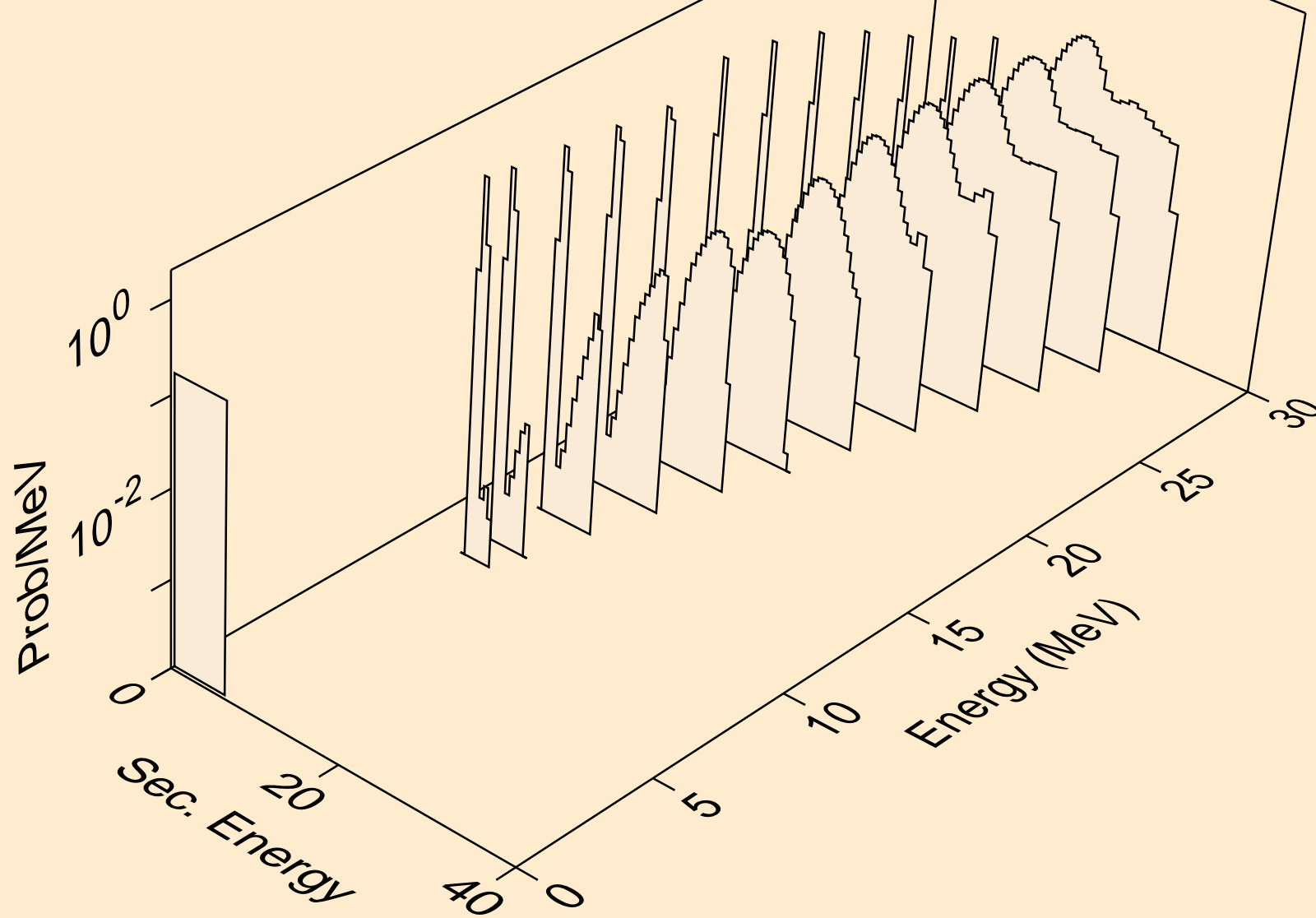
AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,pt)



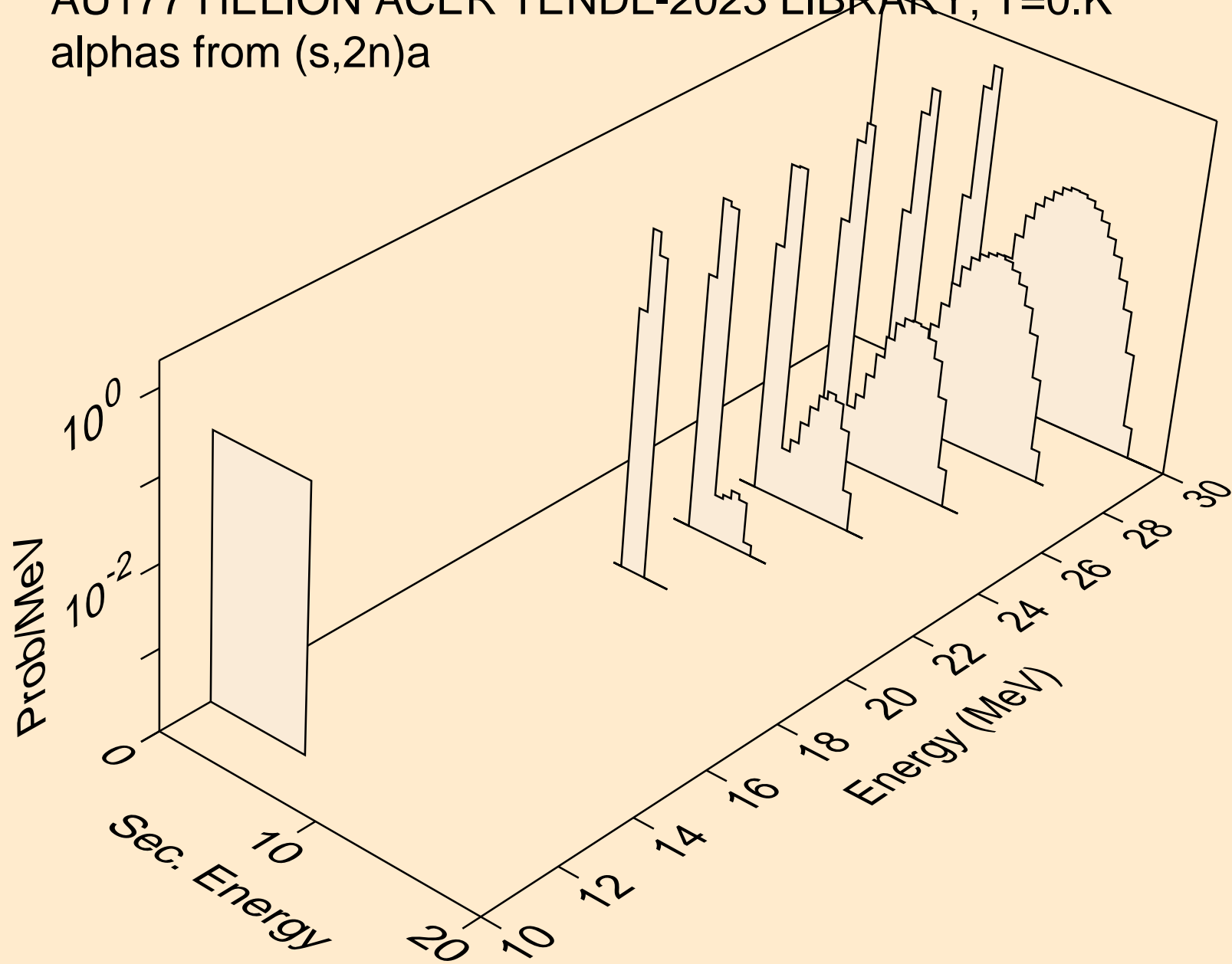
AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,x)



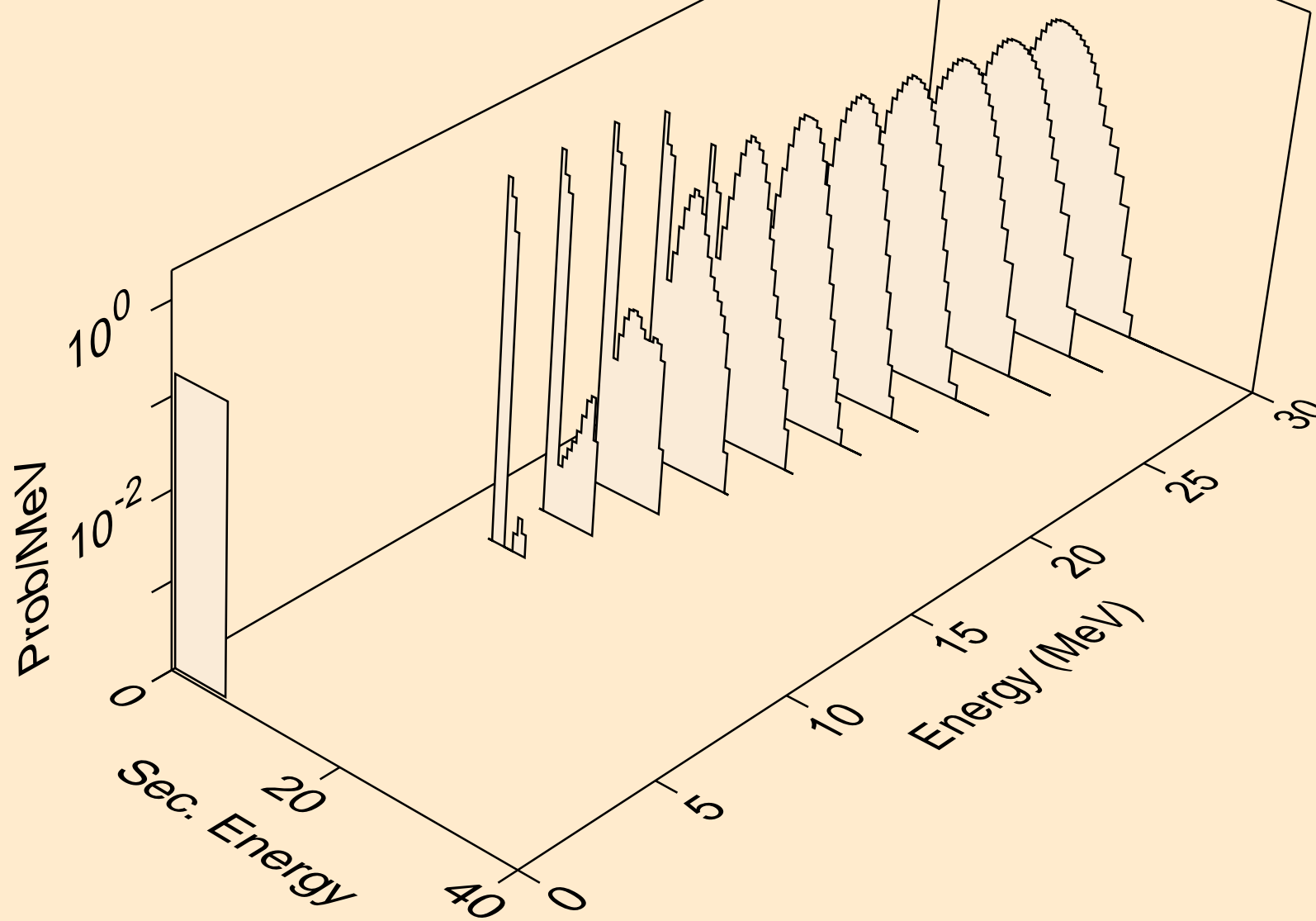
AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)a



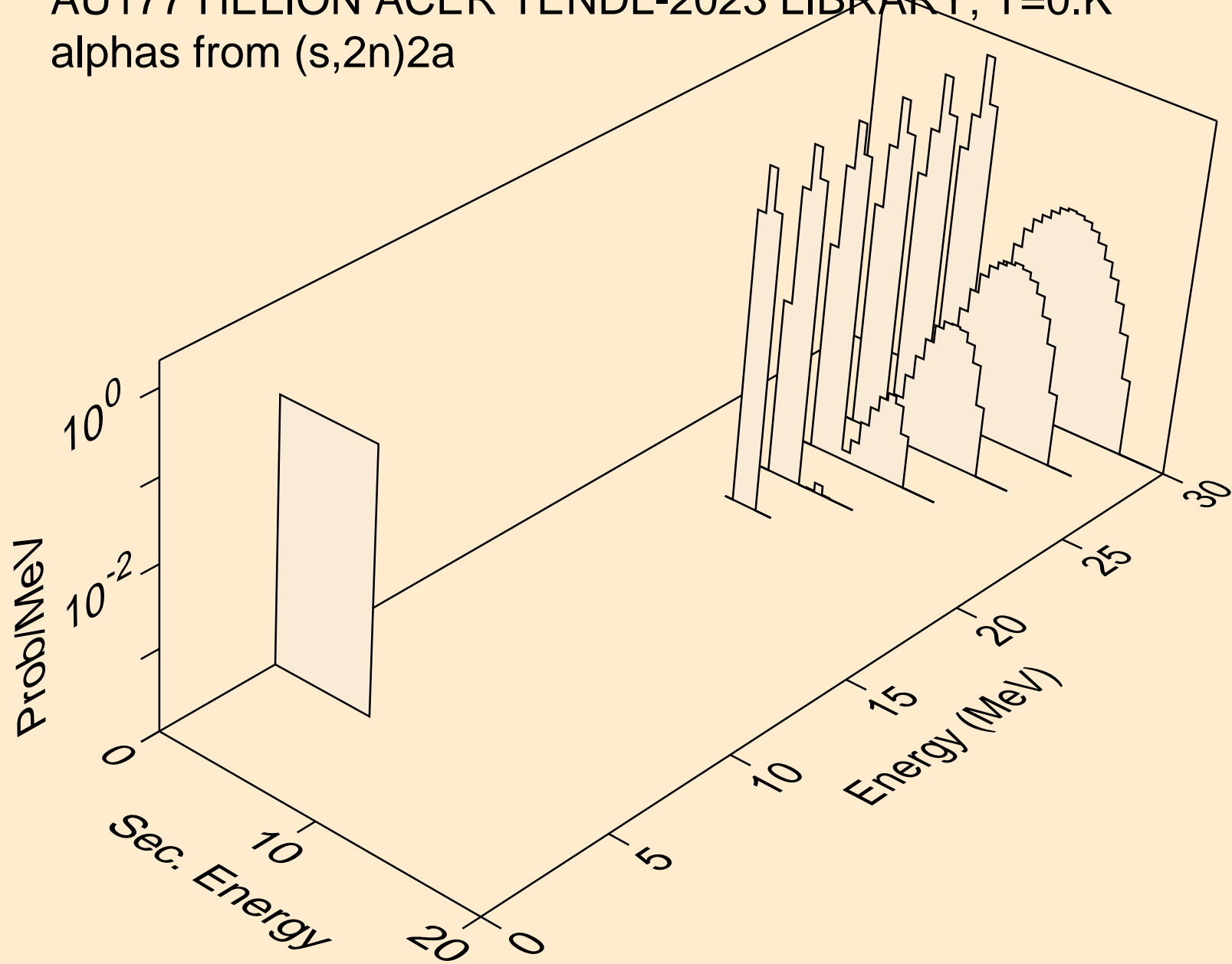
AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2n)a



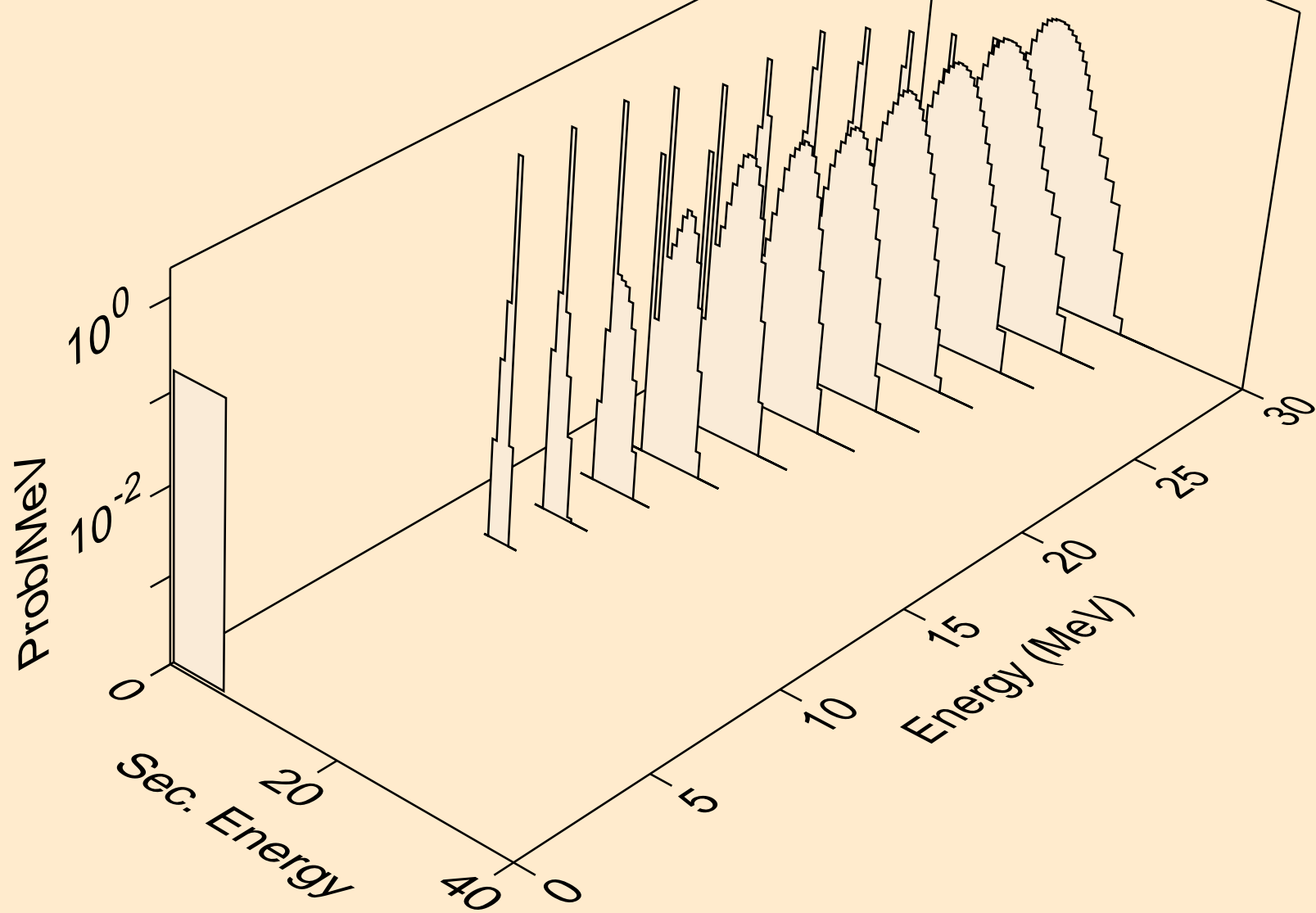
AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)2a



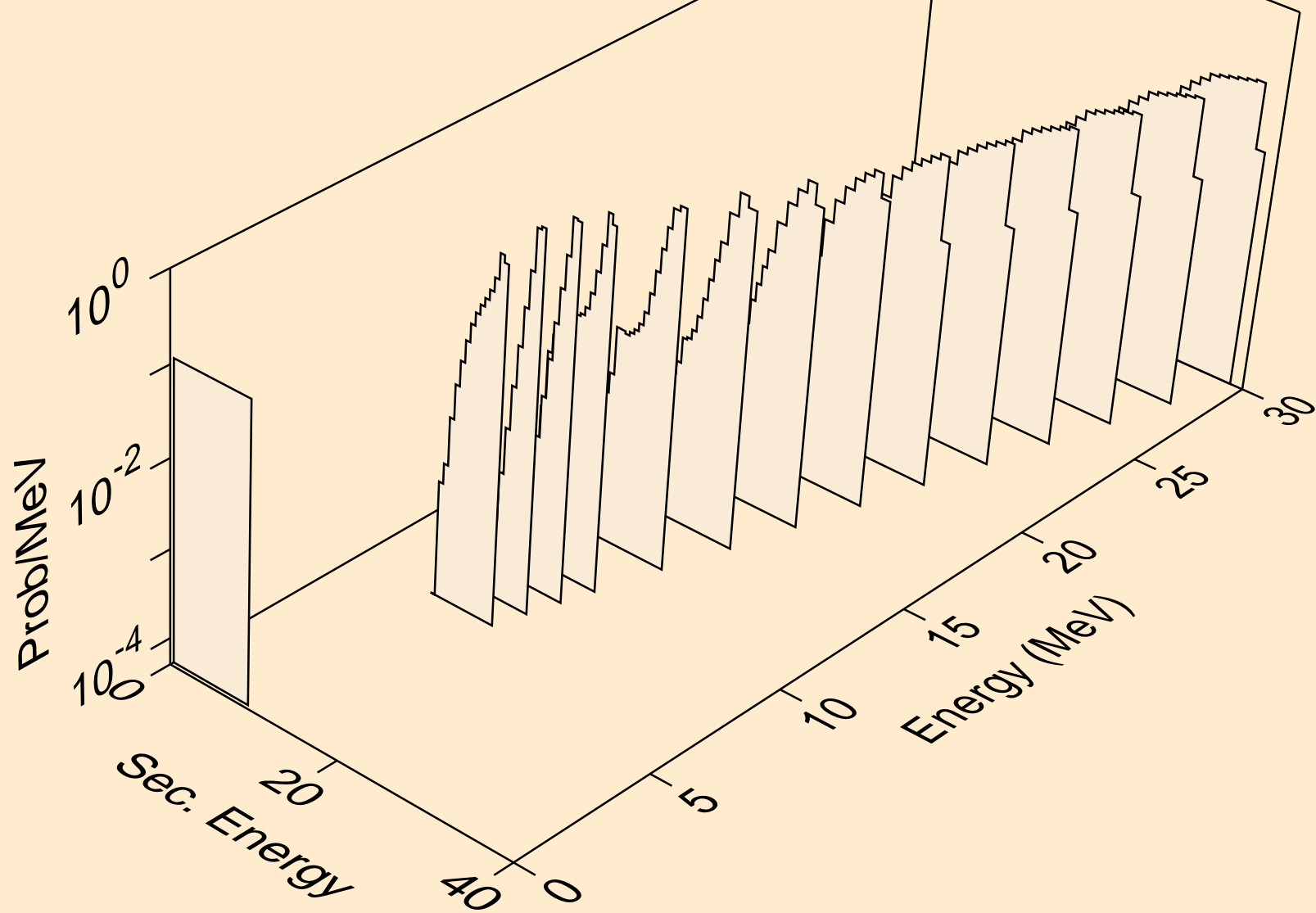
AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2n)2a



AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,npa)

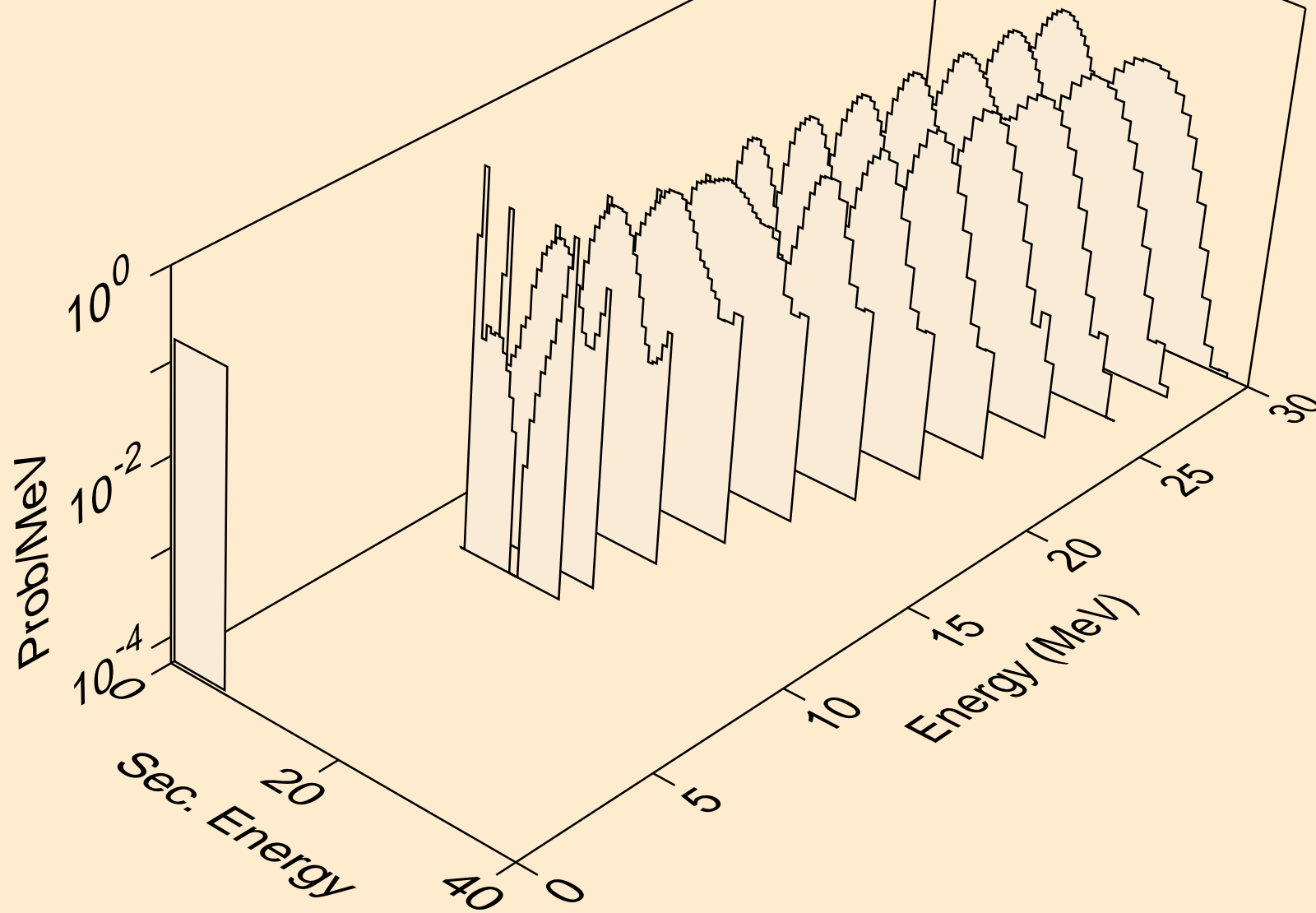


AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,a)

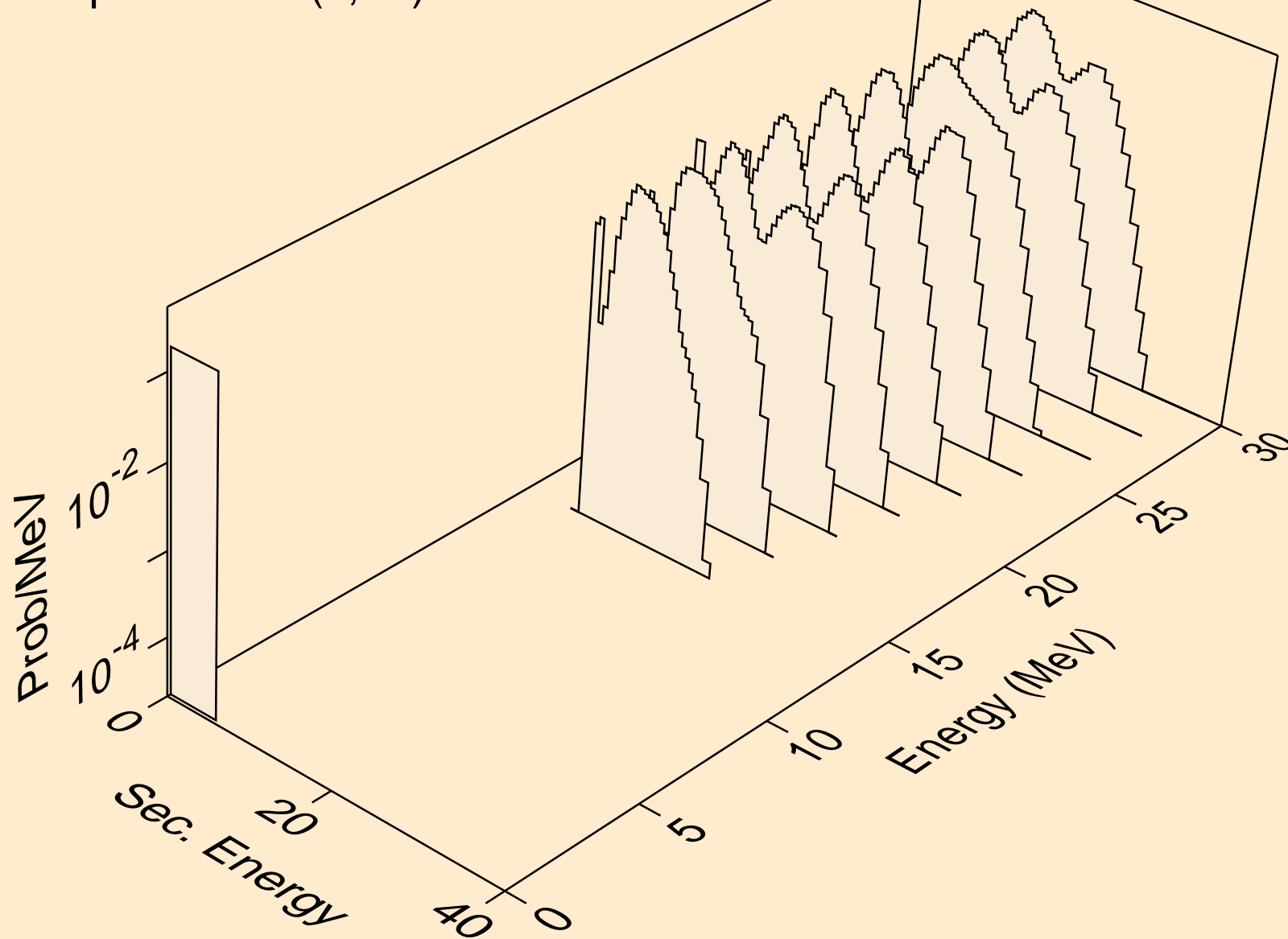




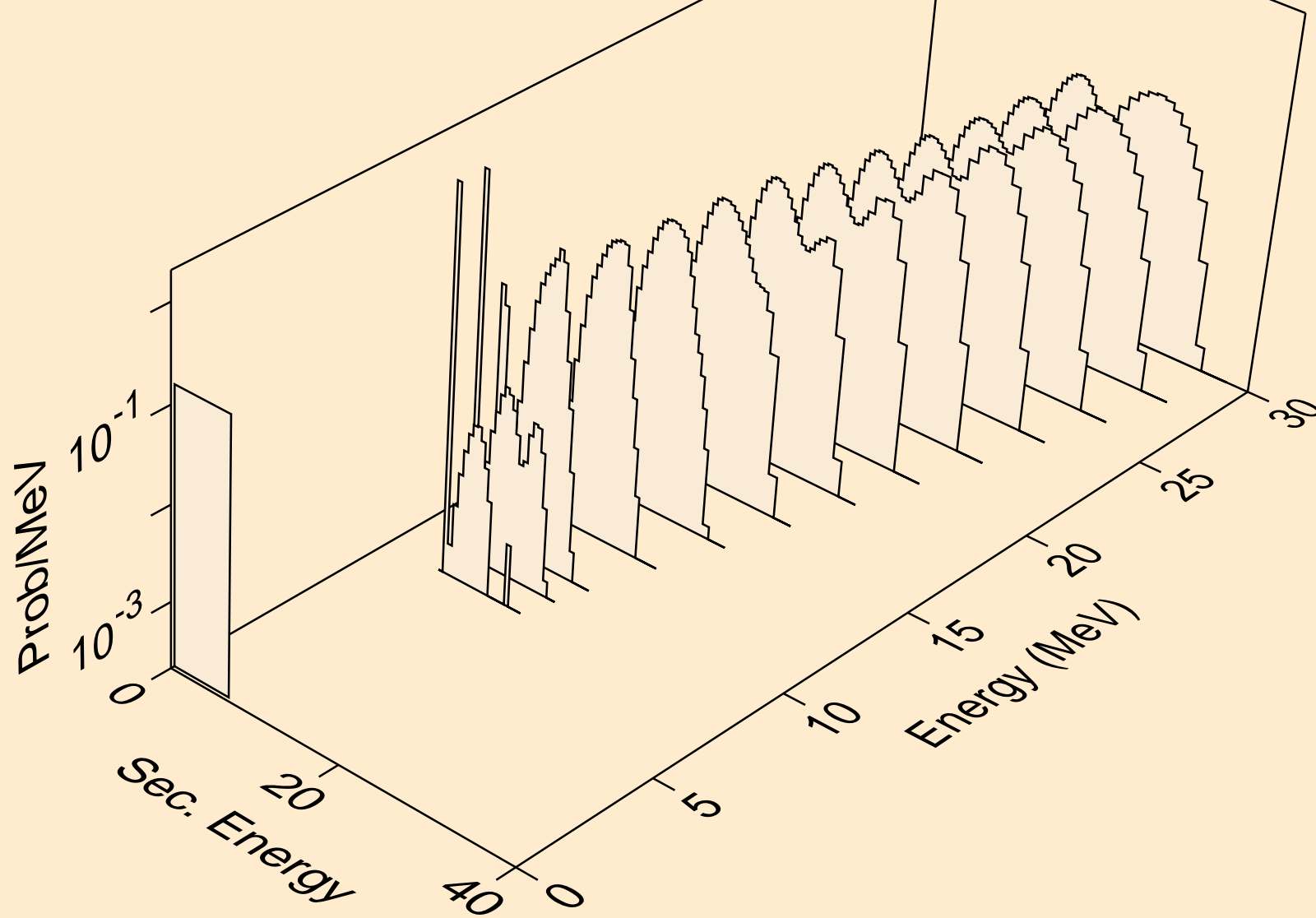
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alphas from (s,2a)



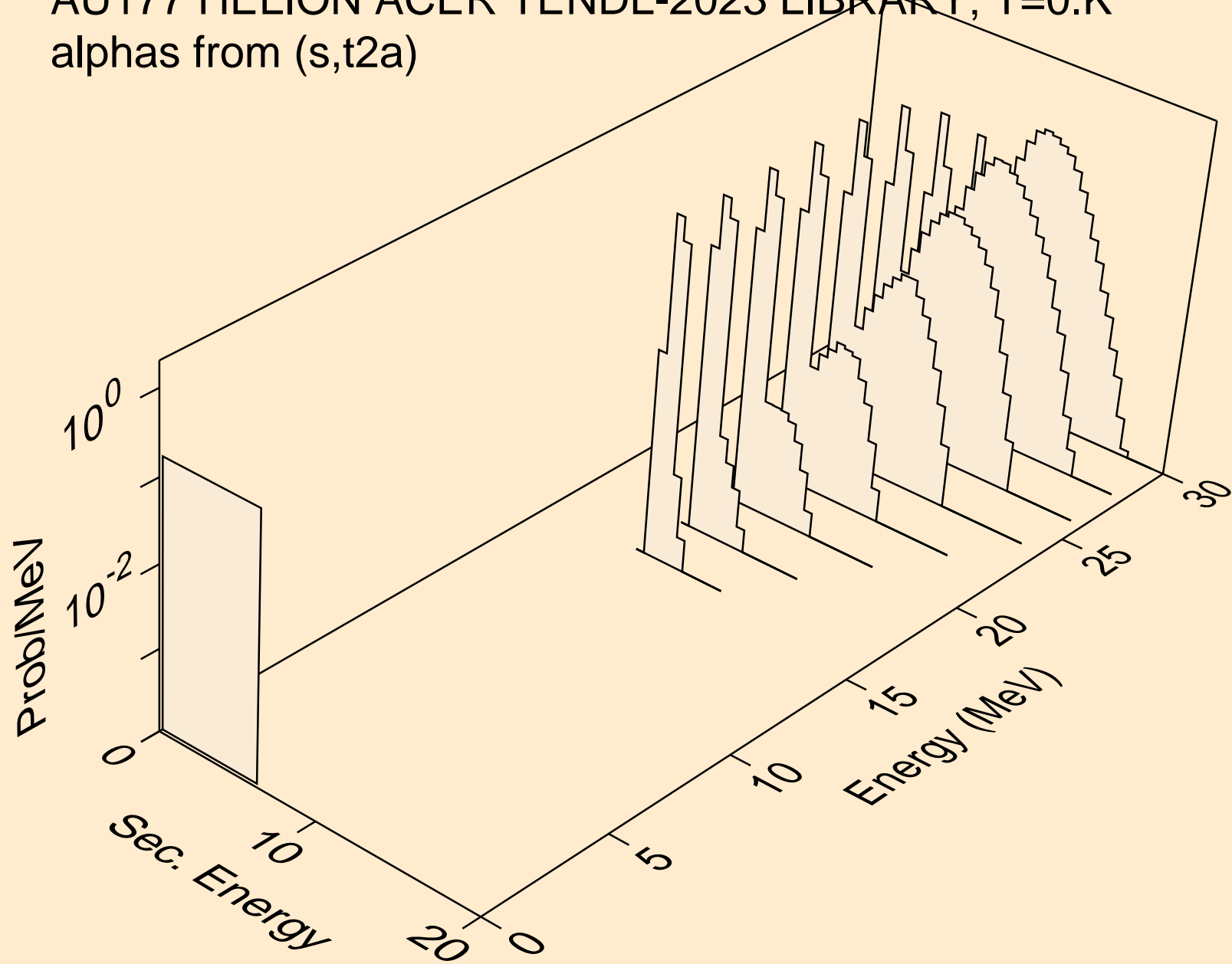
AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,3a)



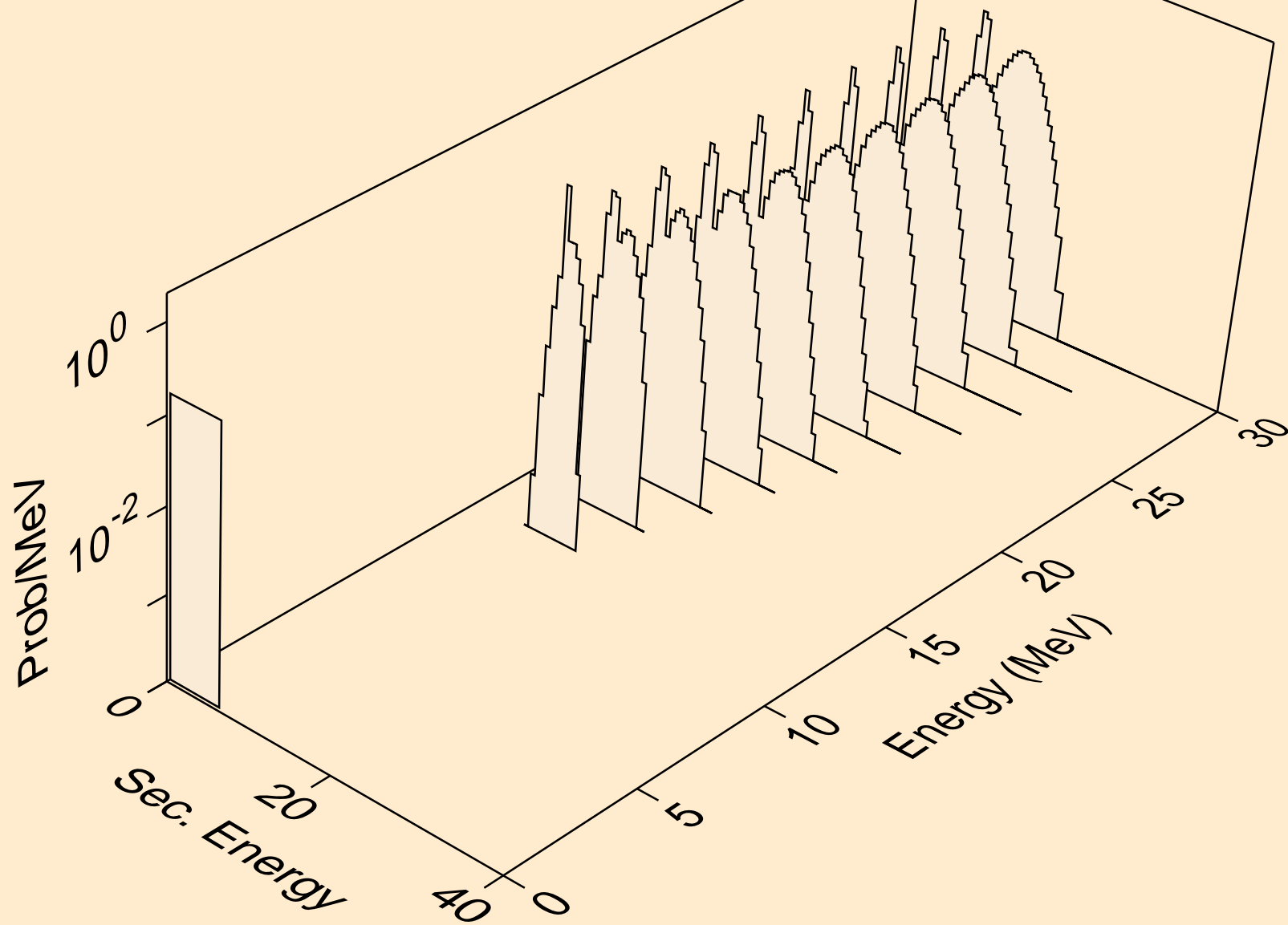
AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,pa)



AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,t2a)



AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,d2a)



AU177 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,da)

