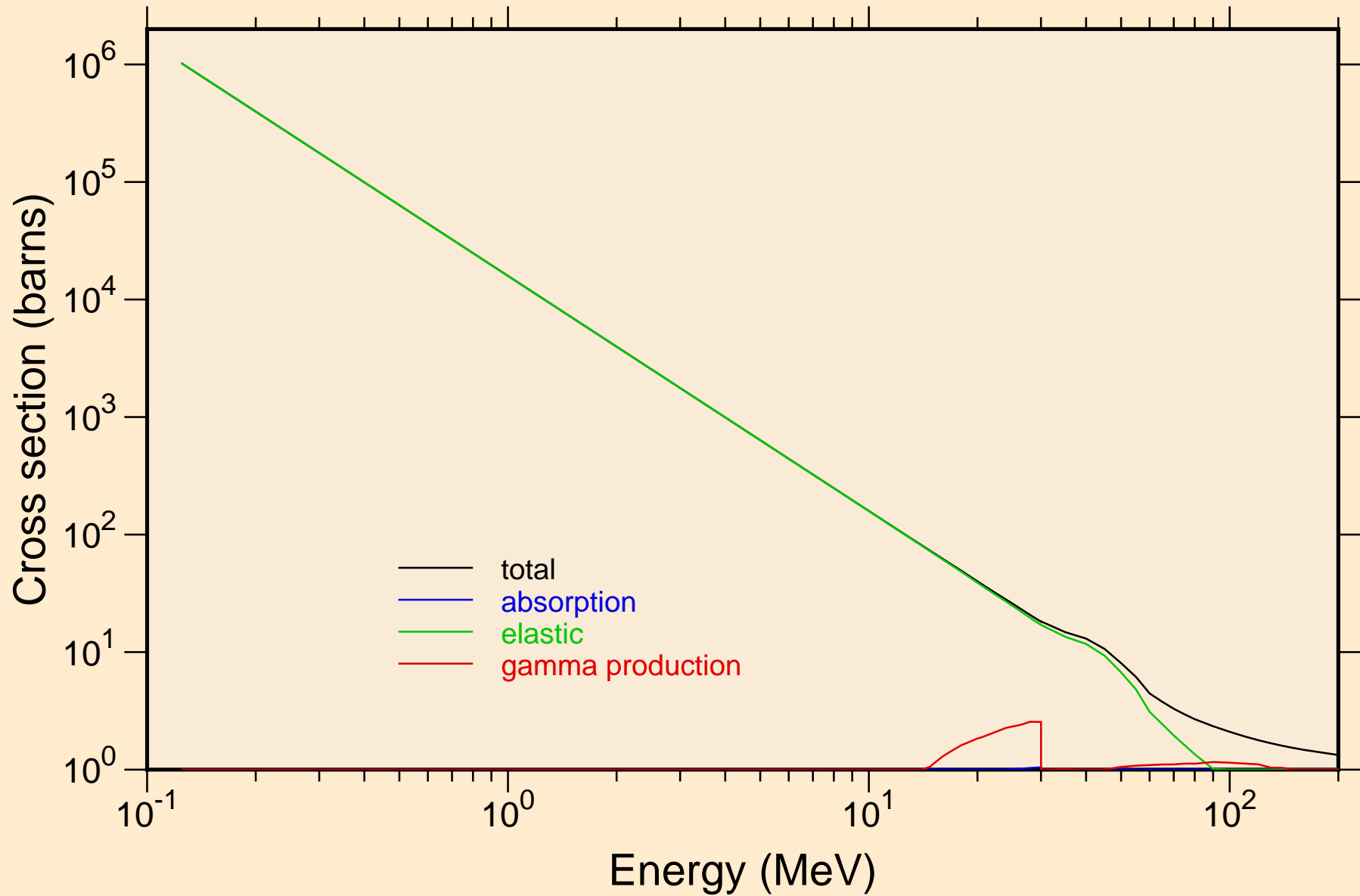


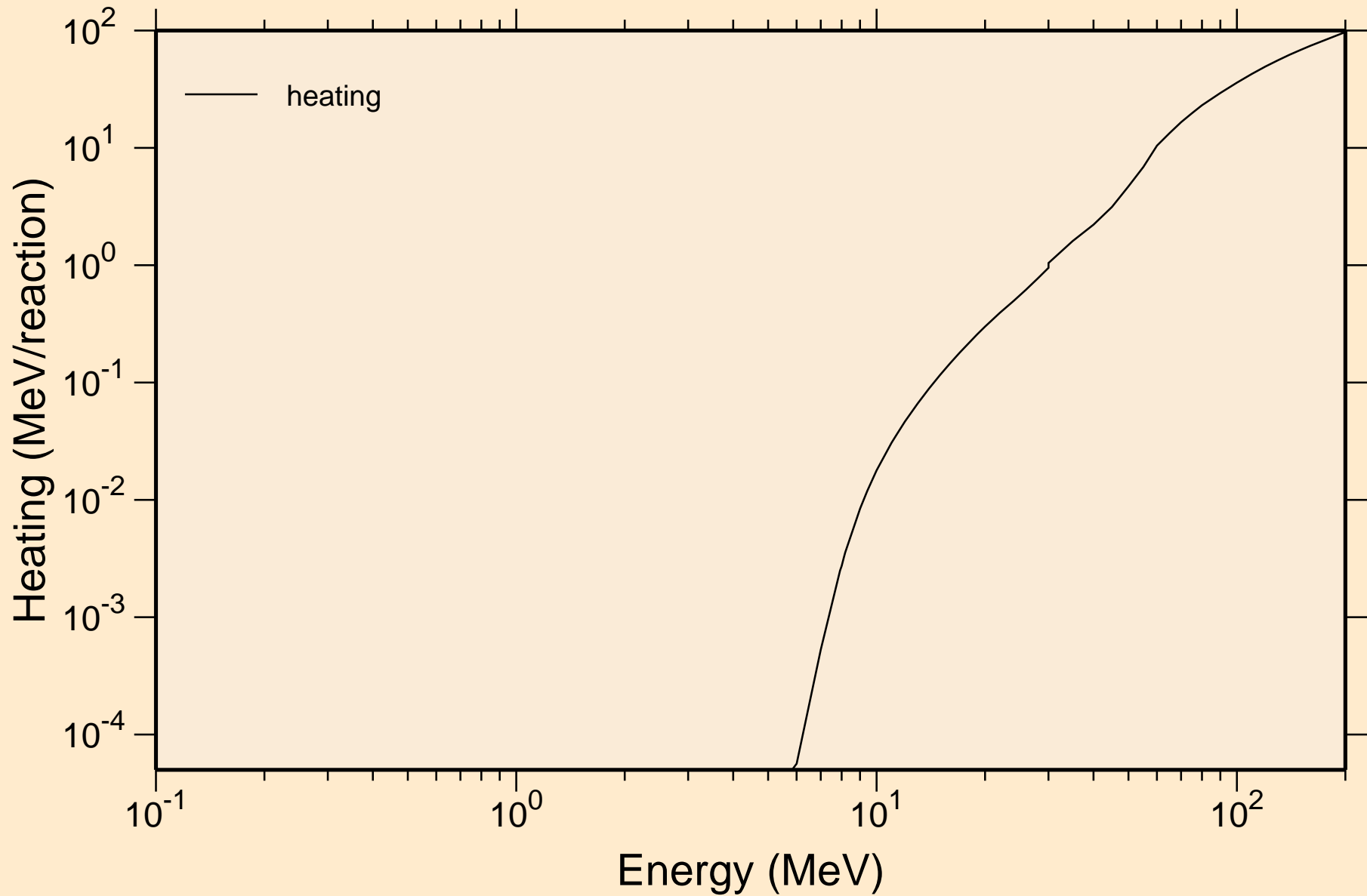
# CR050 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



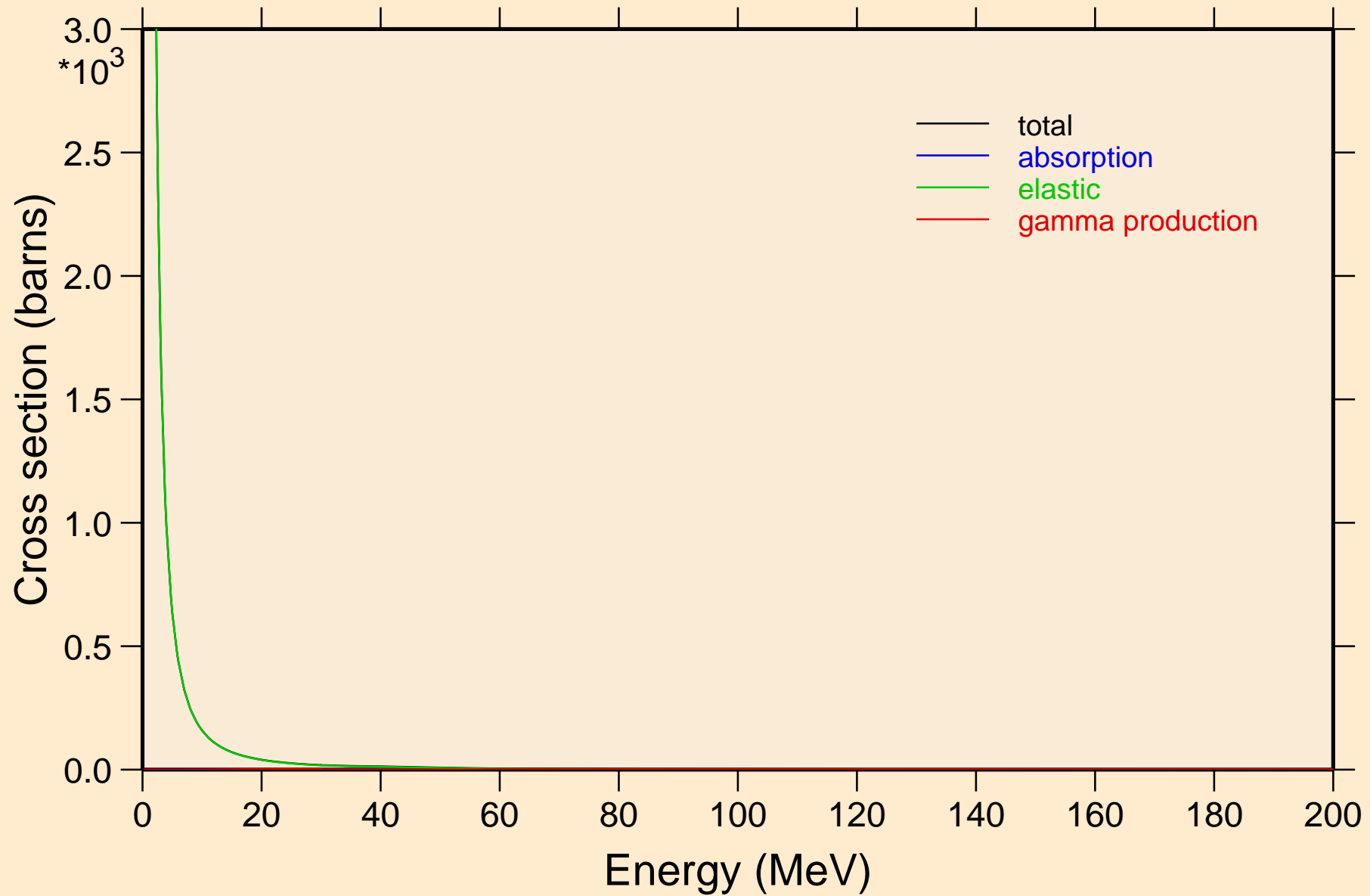
# CR050 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Heating



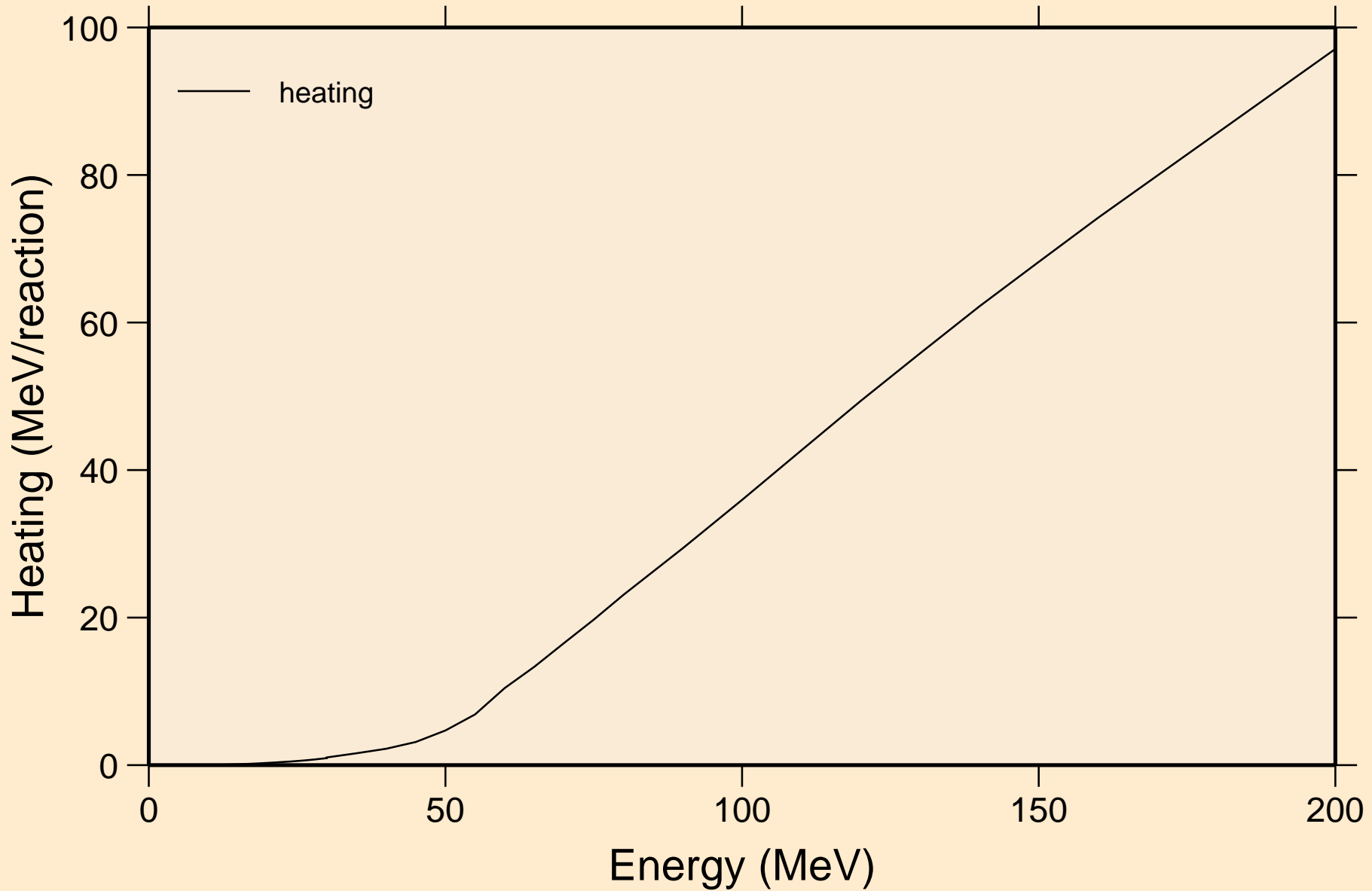
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## Principal cross sections

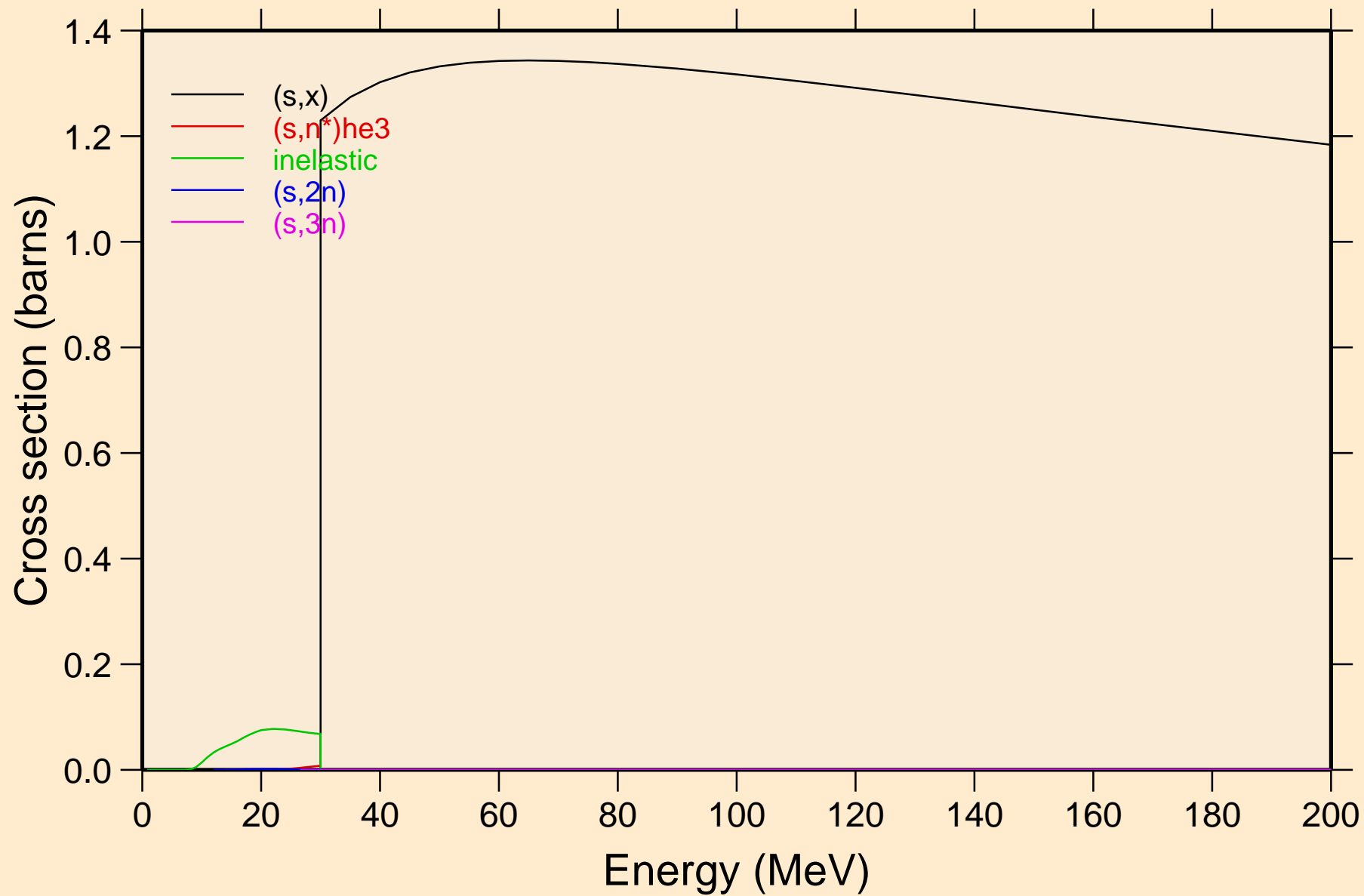


CR050 HELION ACER TENDL-2021 LIBRARY; T=0.K

Heating

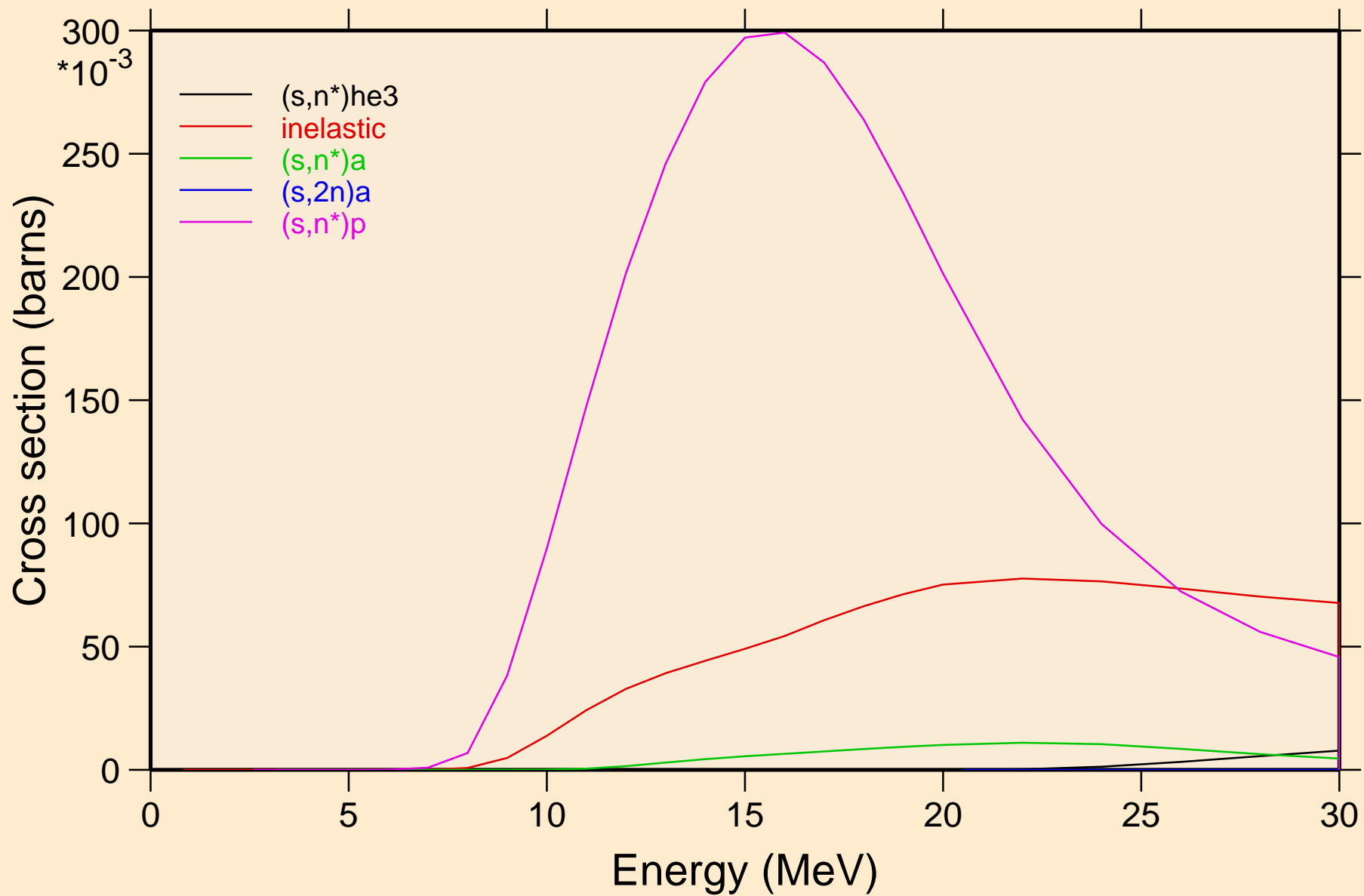


CR050 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

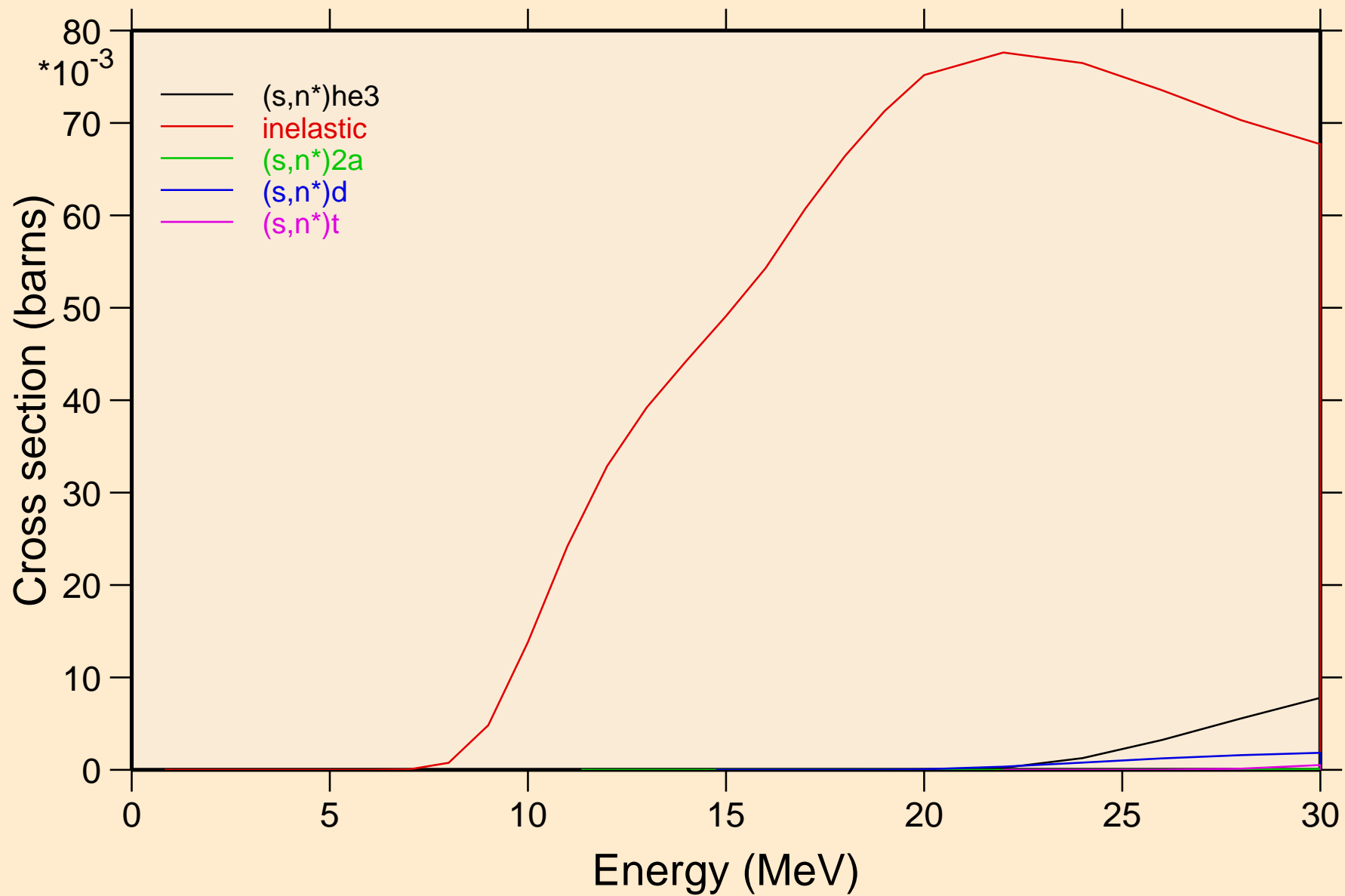


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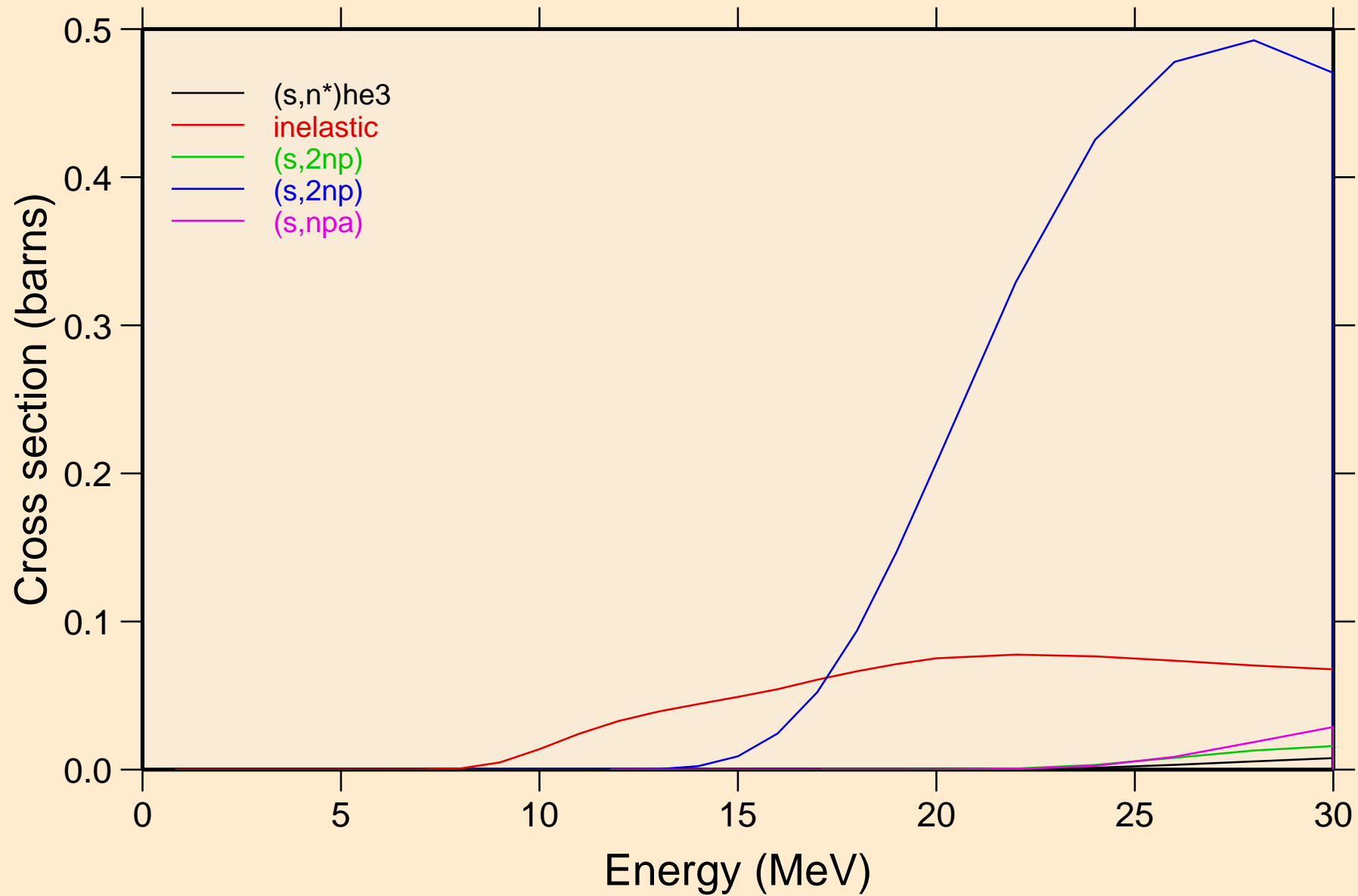
## Threshold reactions



CR050 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



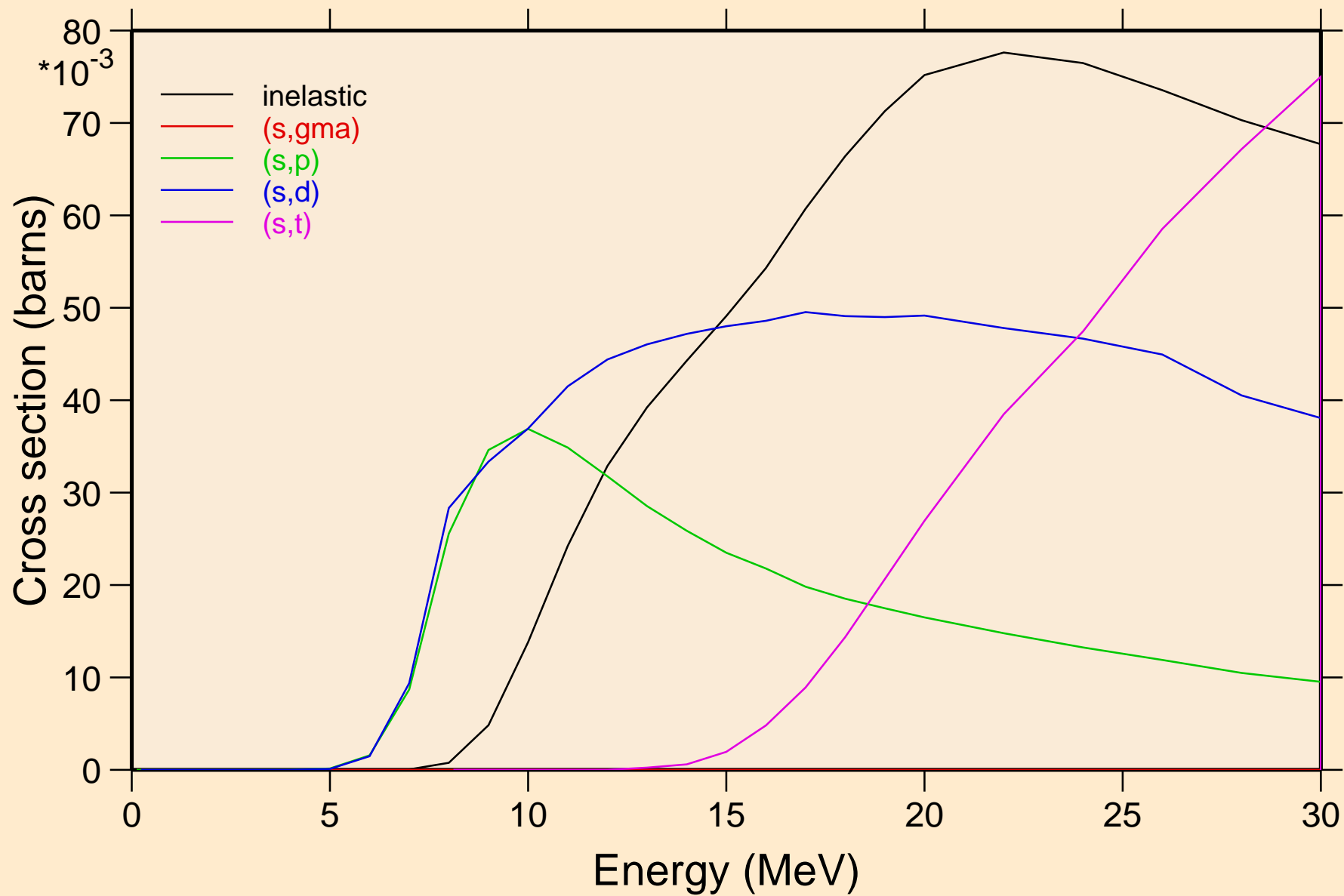
CR050 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions





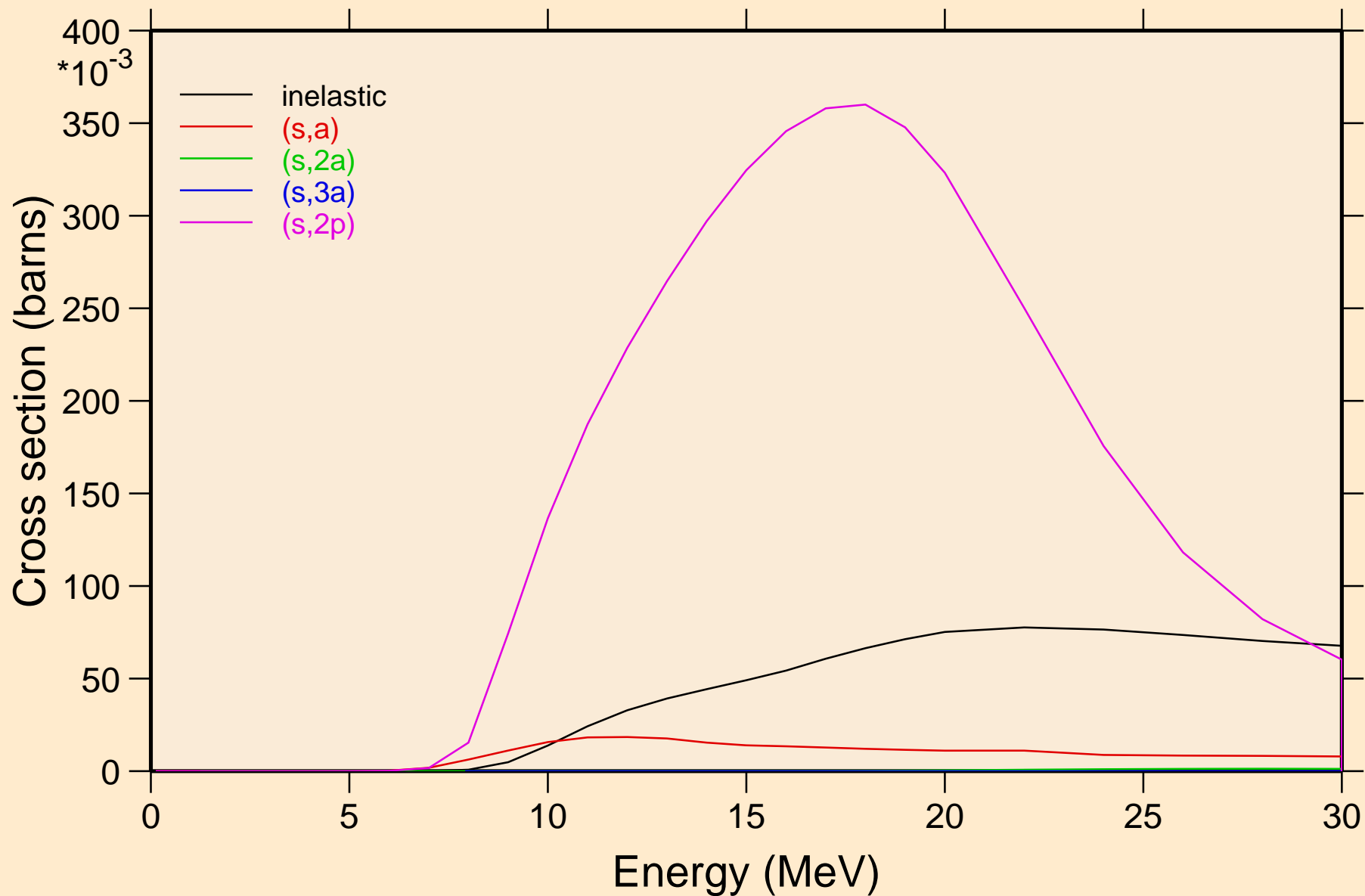
# CR050 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions



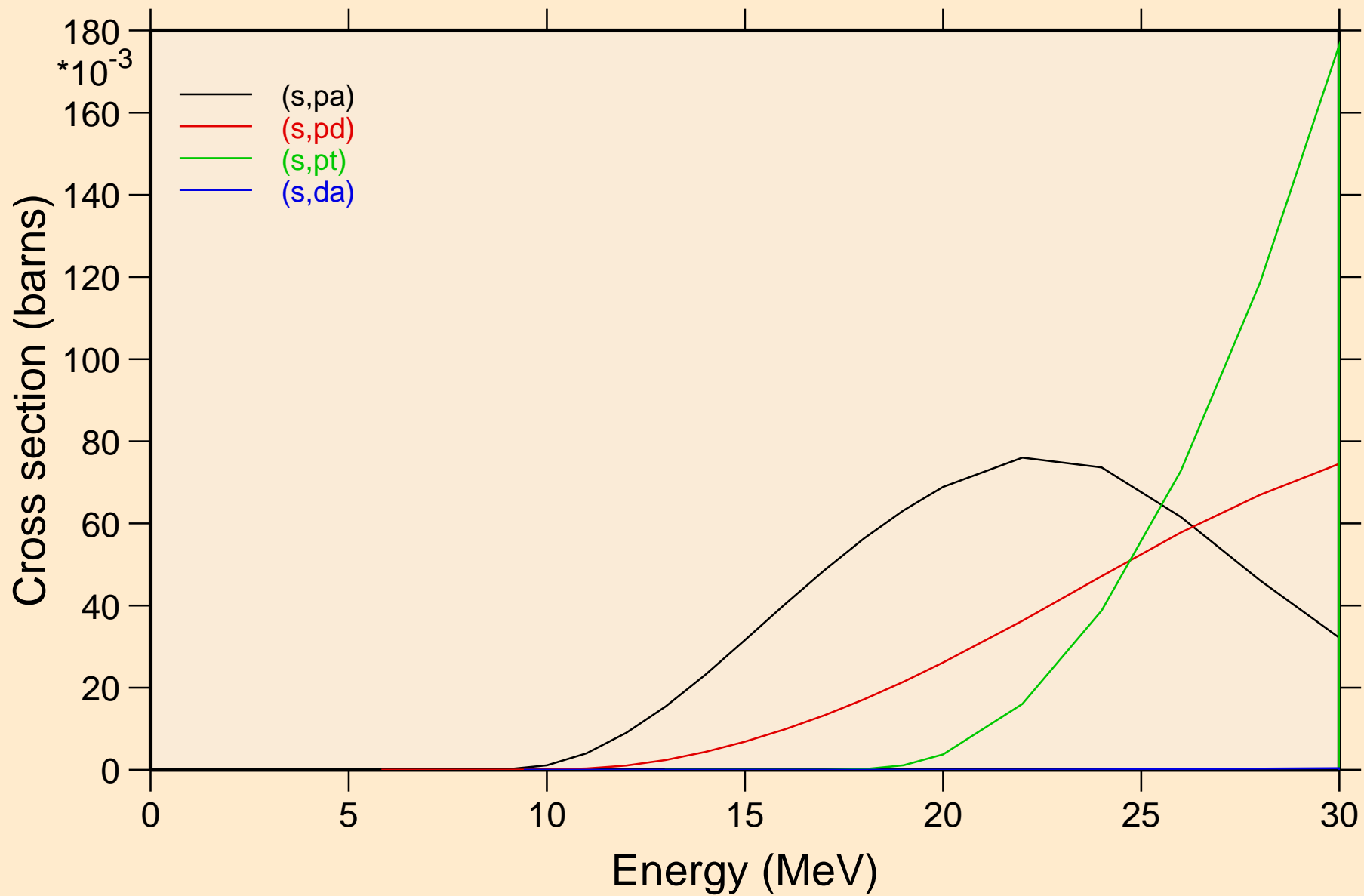
# CR050 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions

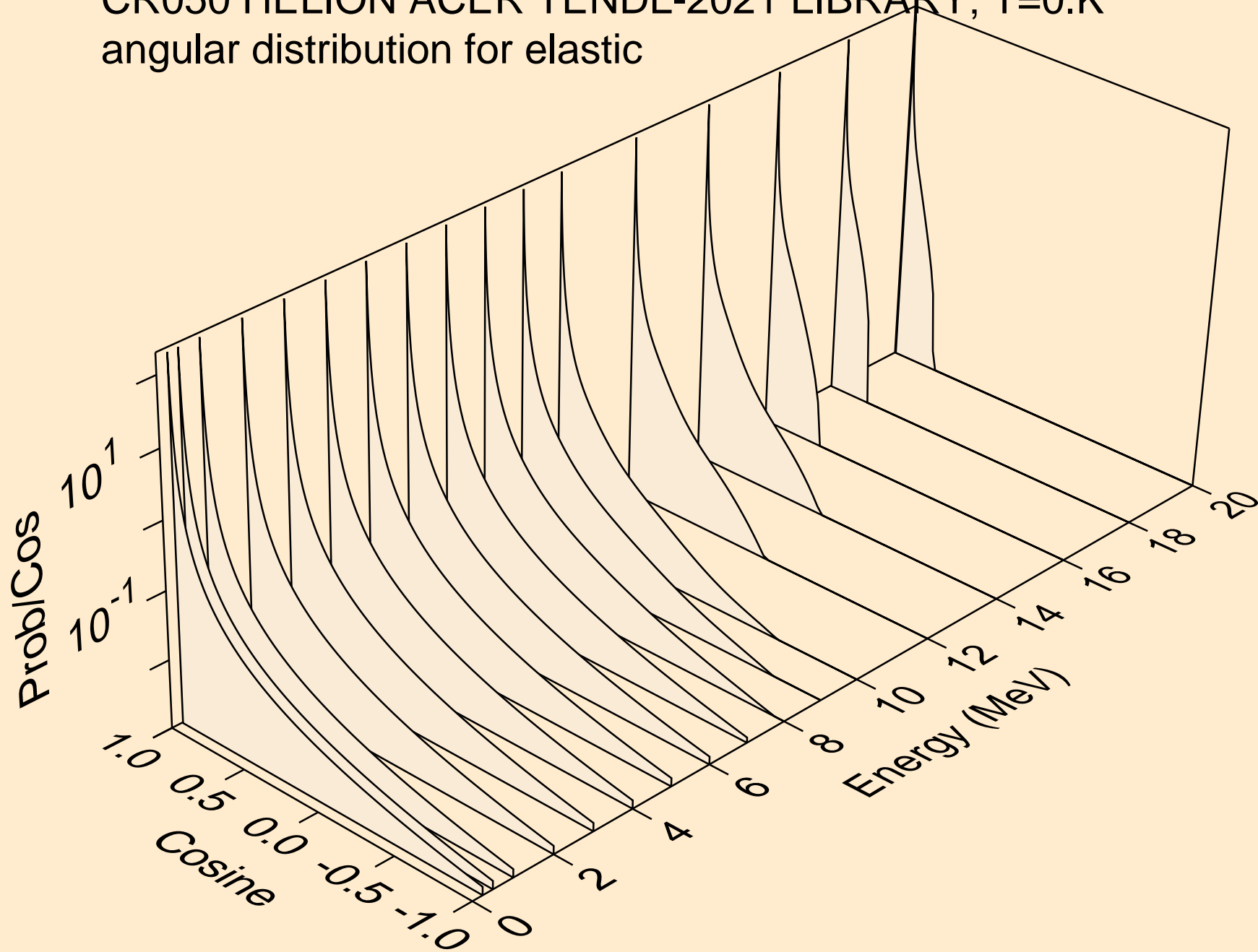


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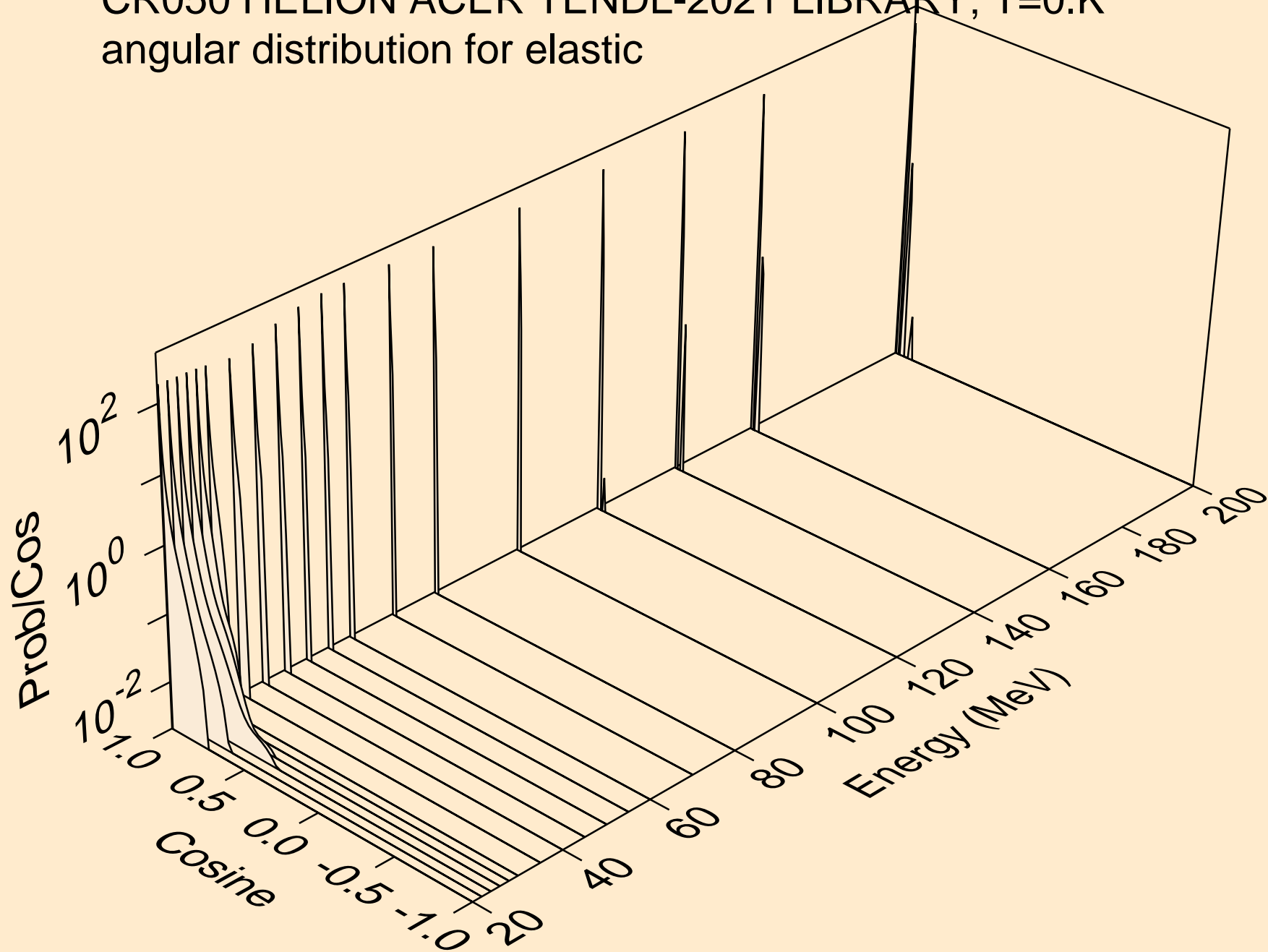
## Threshold reactions



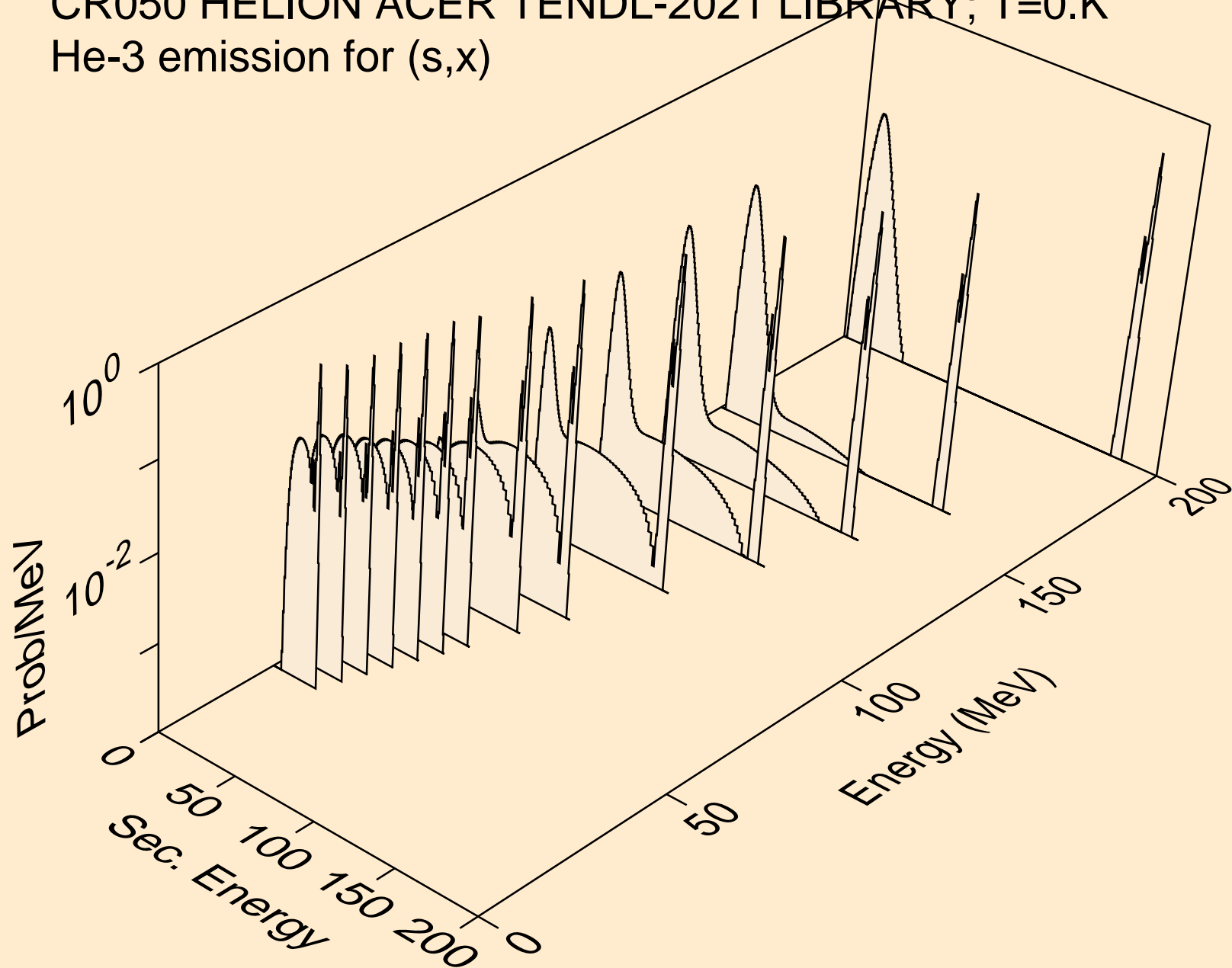
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angular distribution for elastic



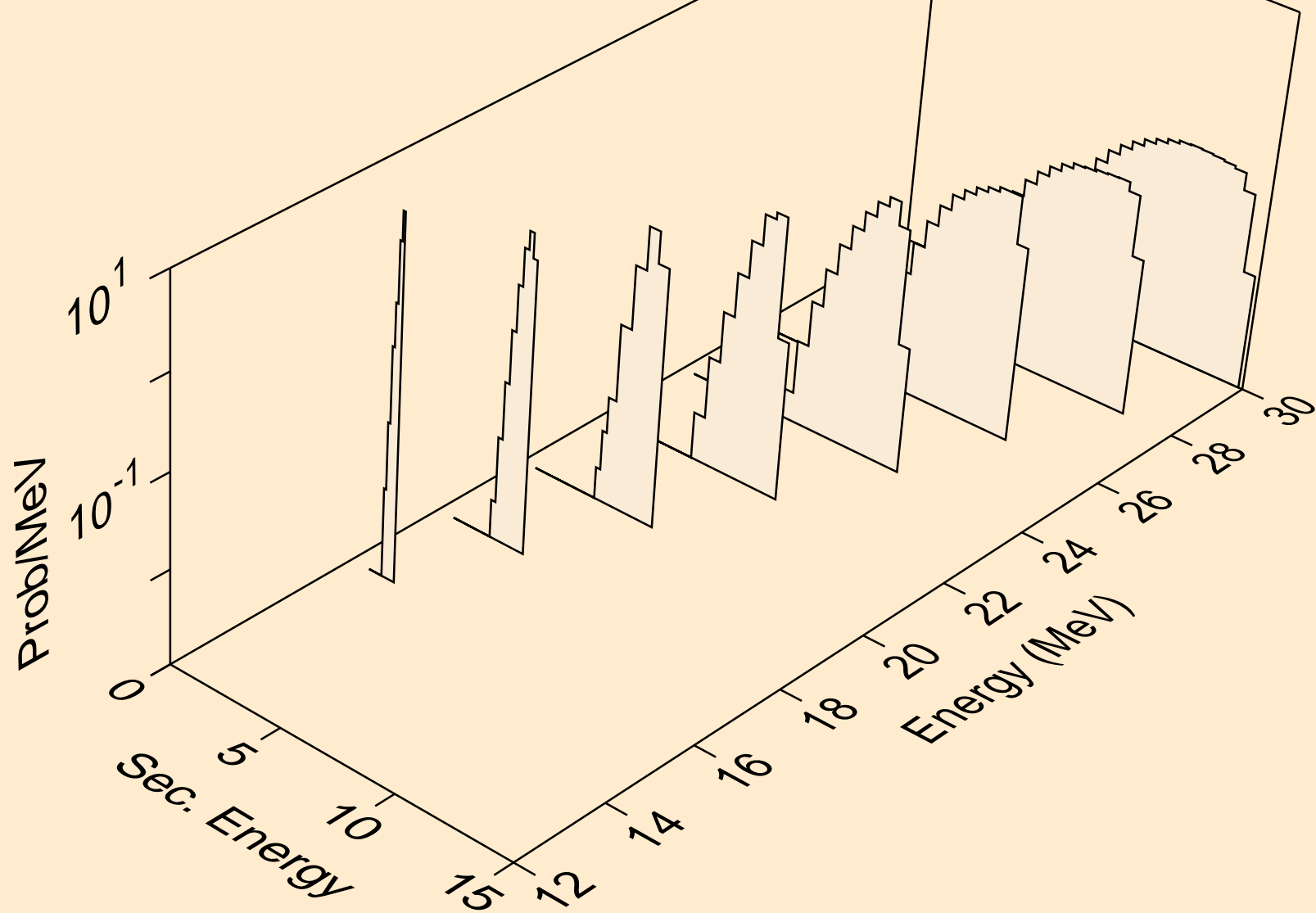
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angular distribution for elastic



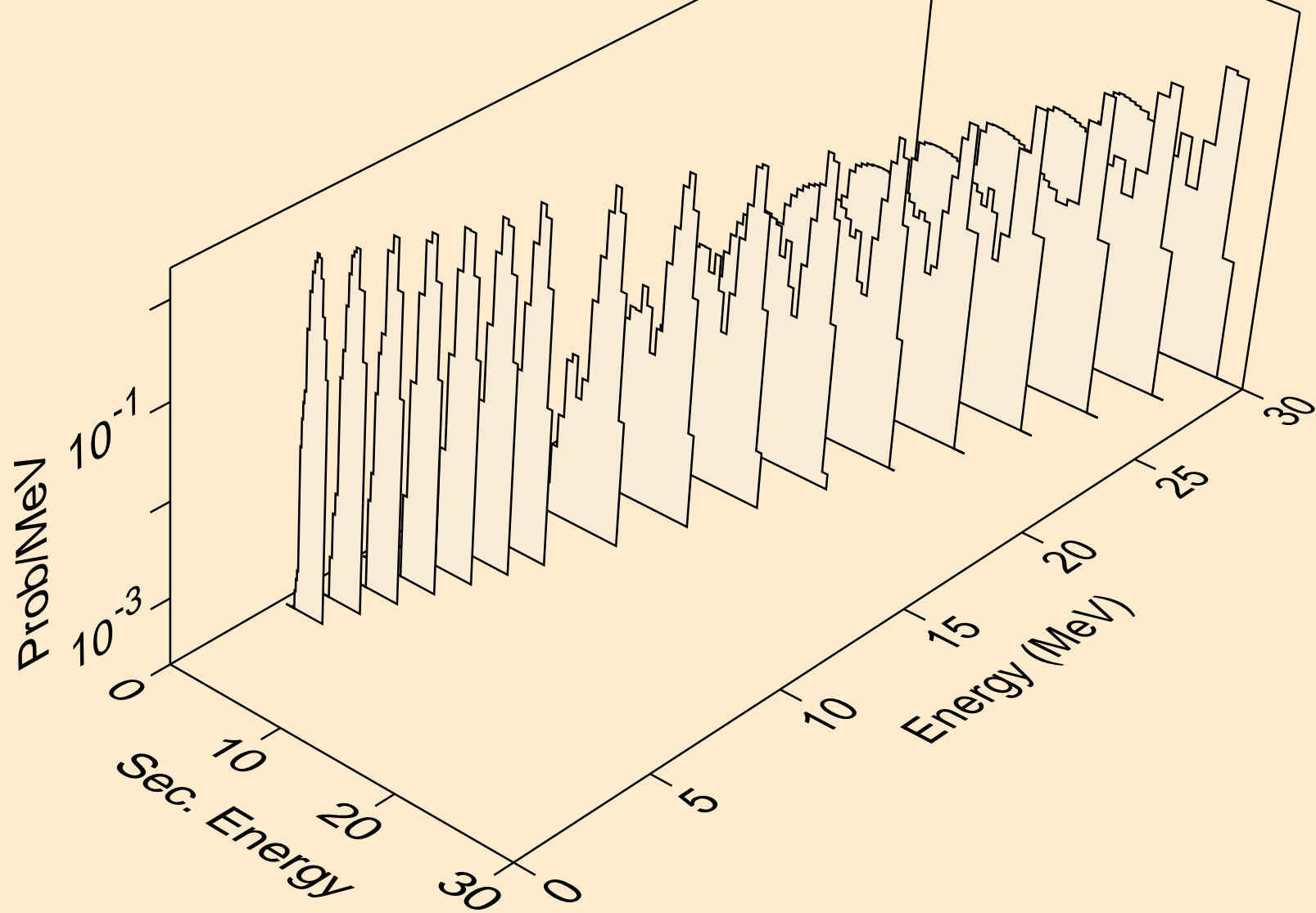
CR050 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,x)



CR050 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

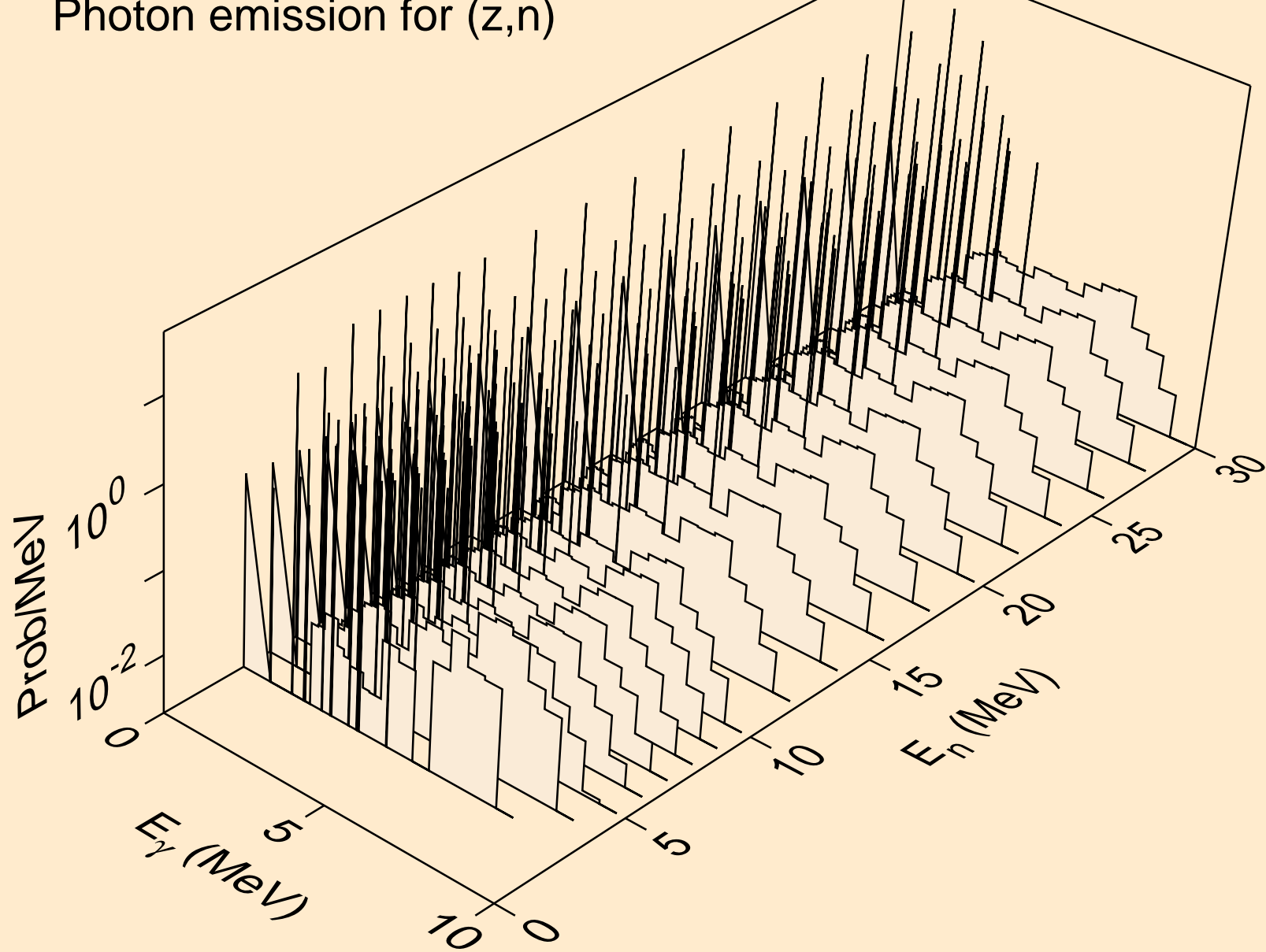


CR050 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for inelastic

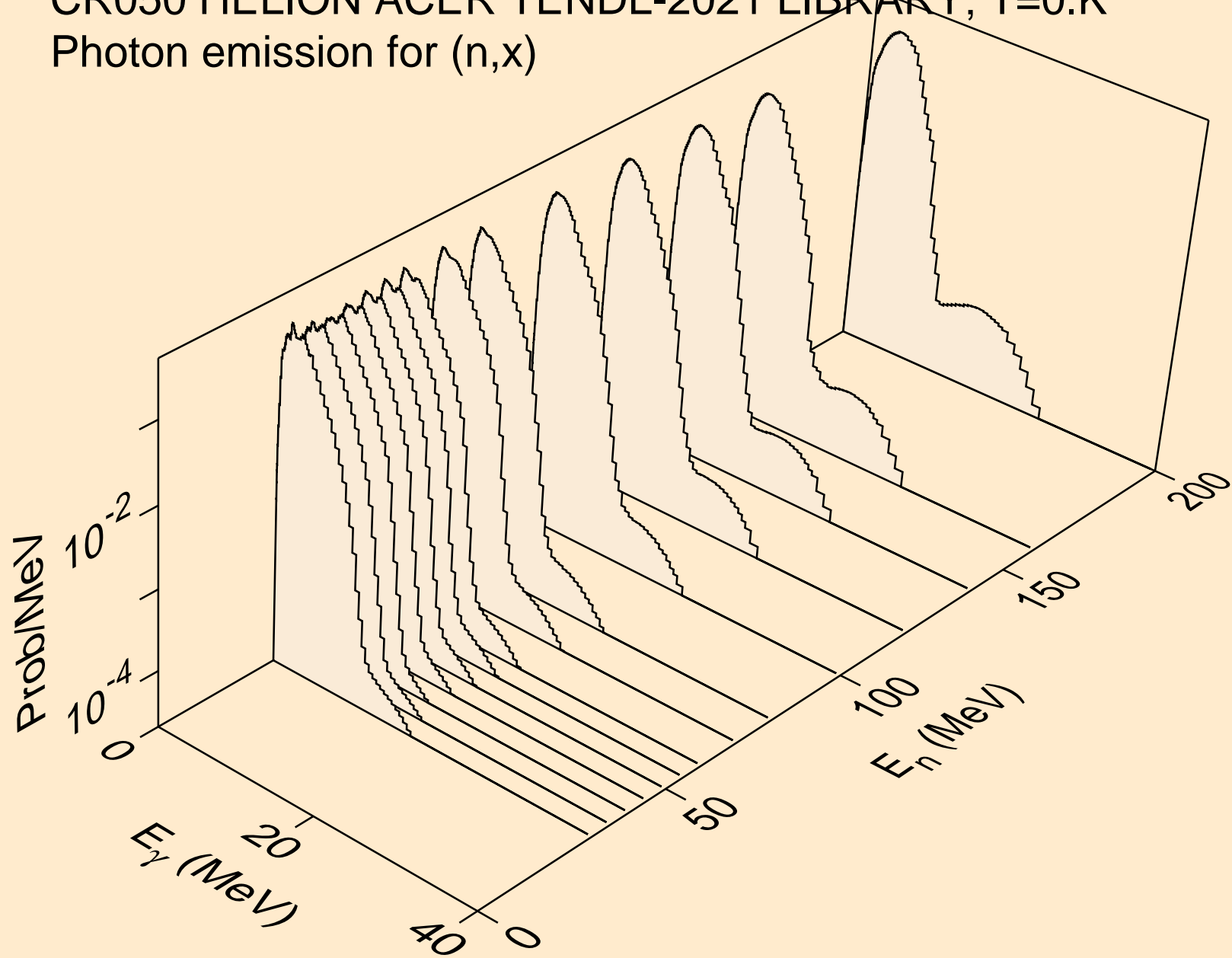




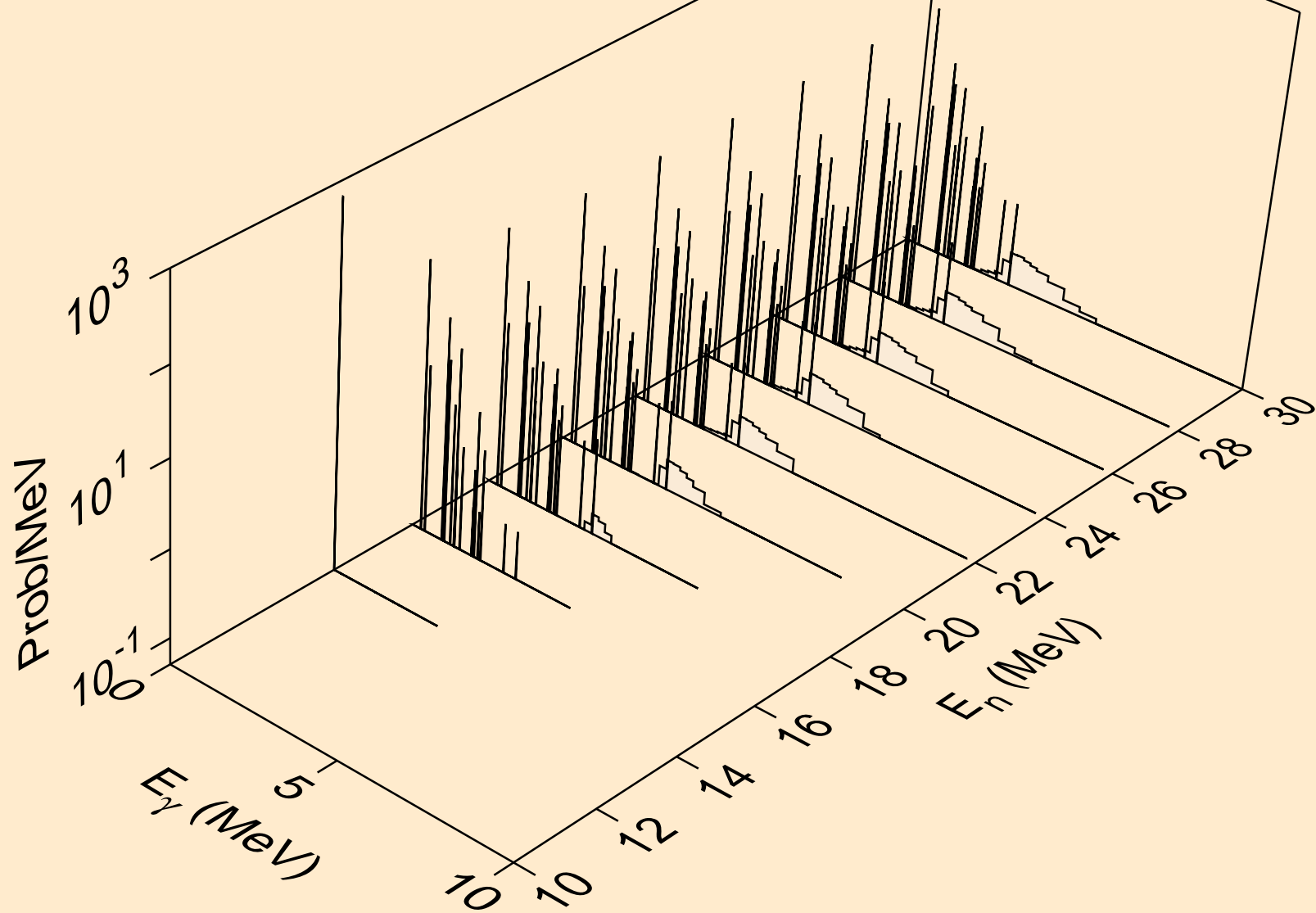
CR050 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



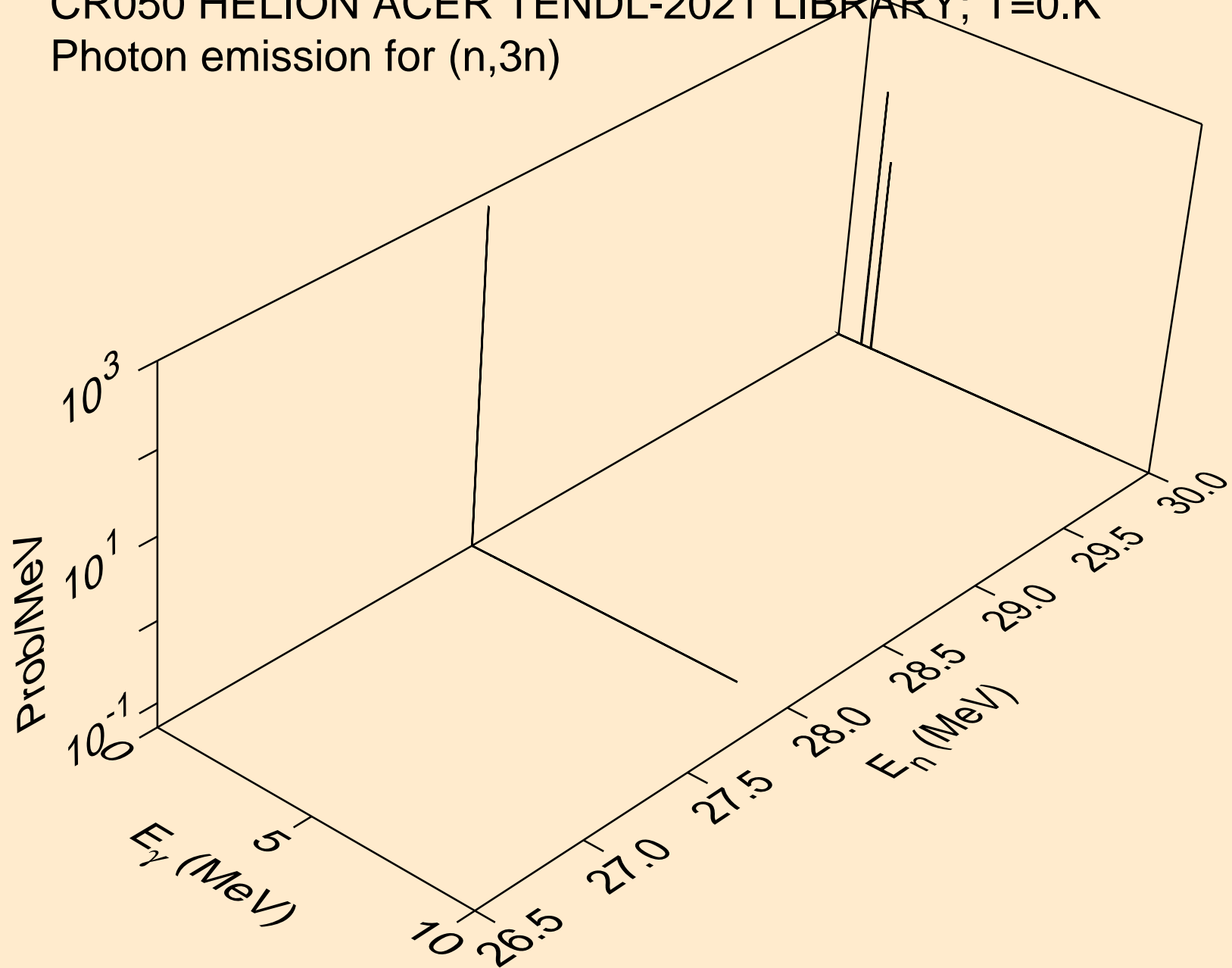
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Photon emission for (n,x)



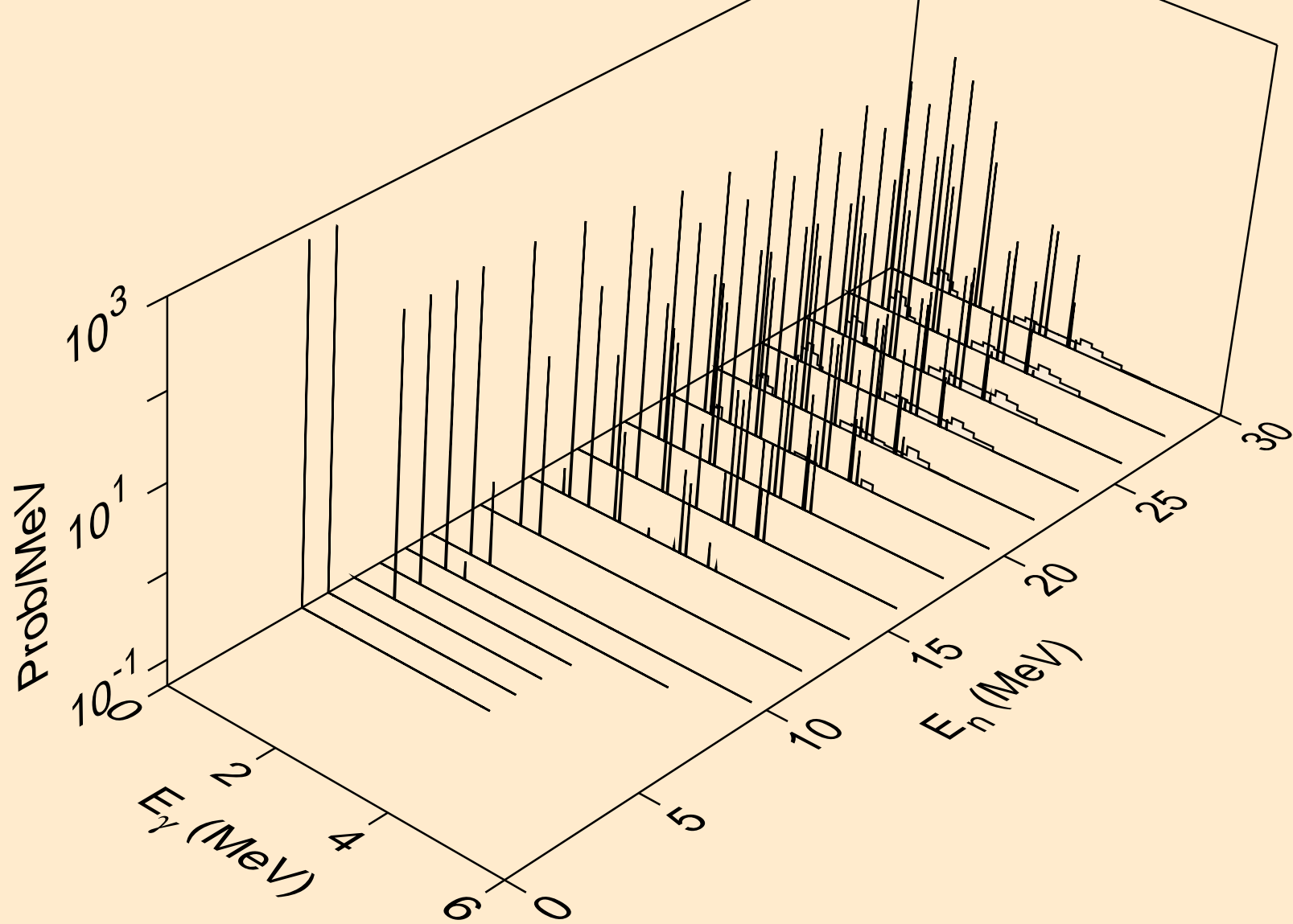
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Photon emission for (n,2n)



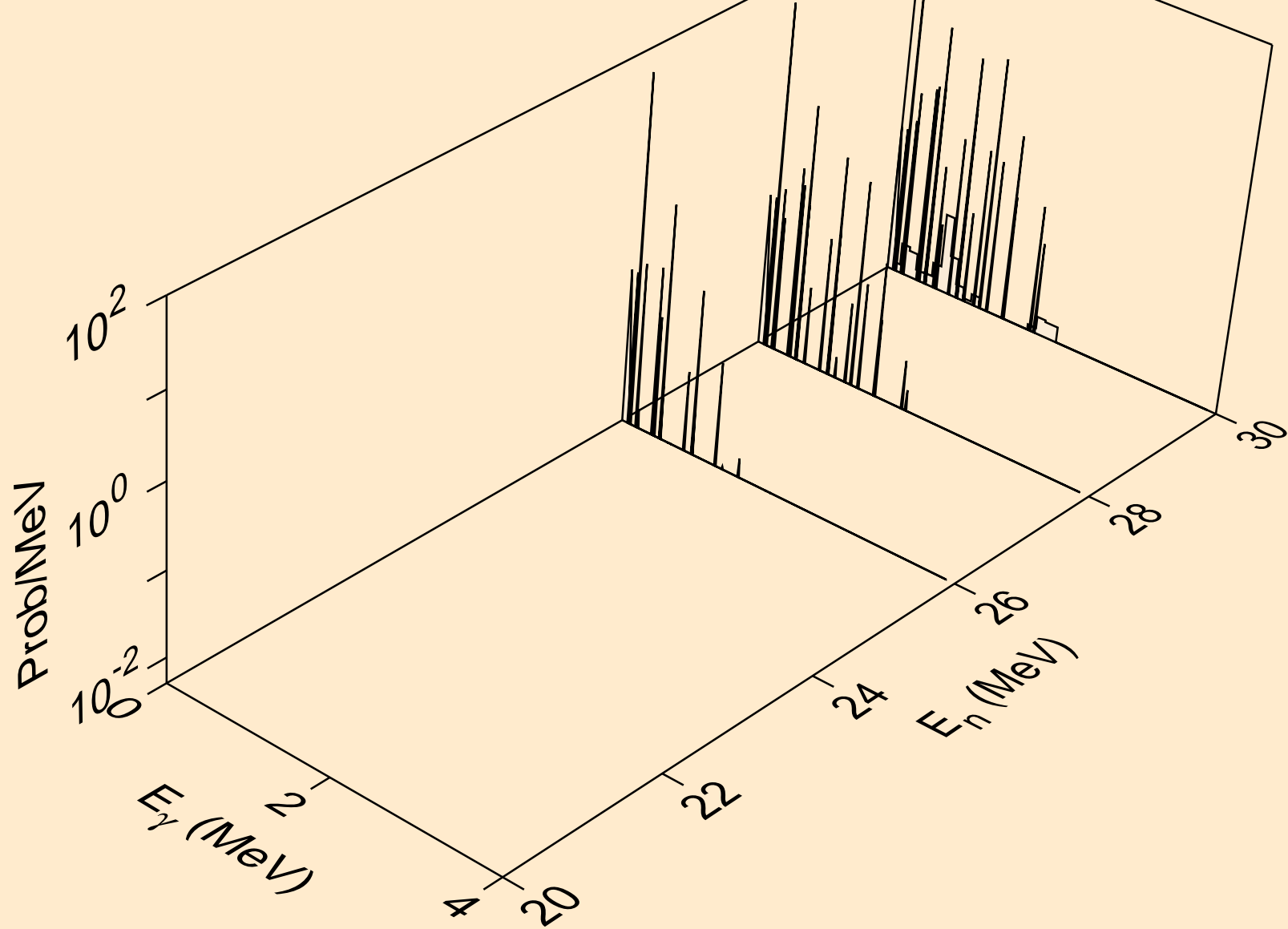
CR050 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



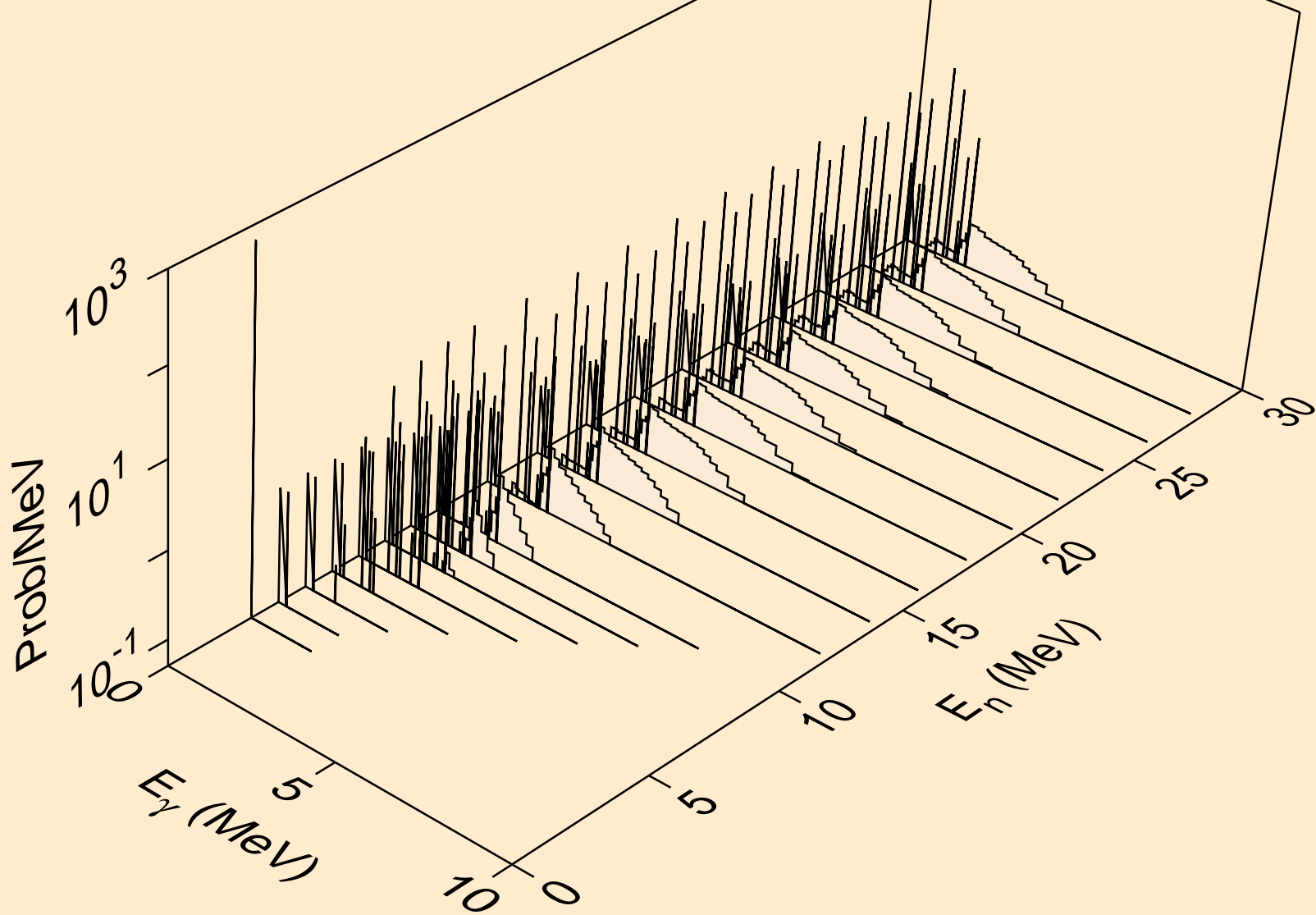
CR050 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



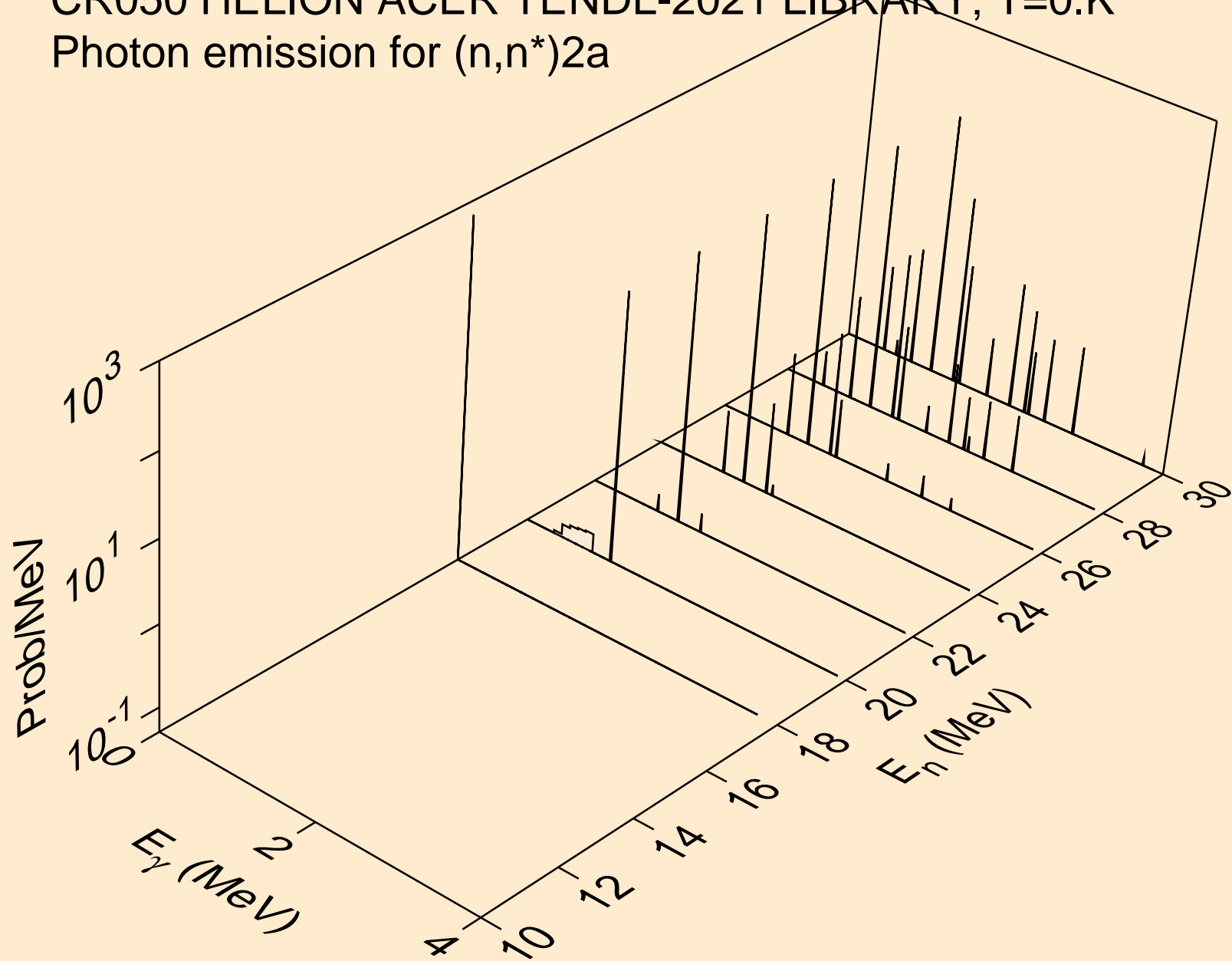
CR050 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a



CR050 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

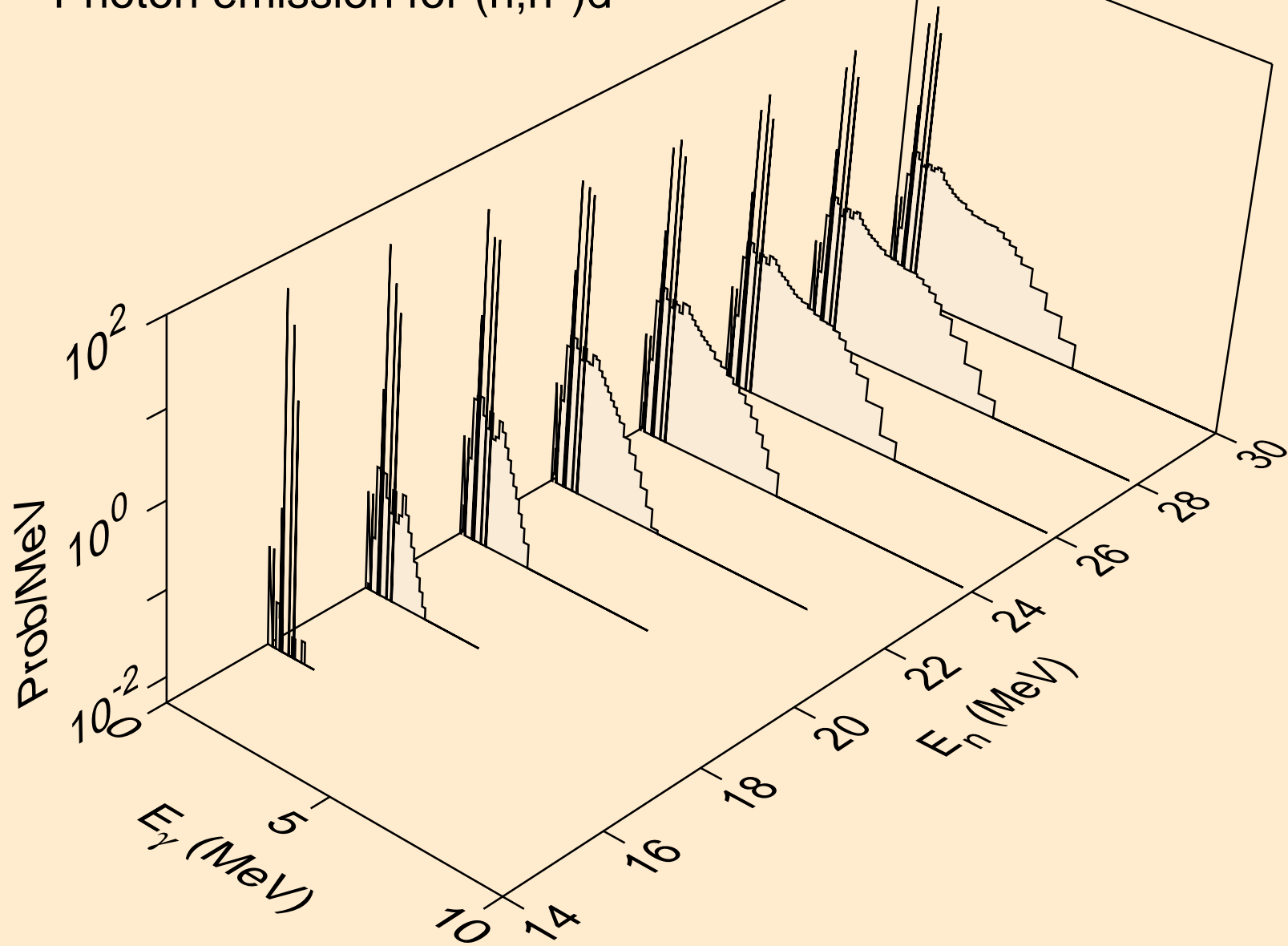


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Photon emission for (n,n\*)2a

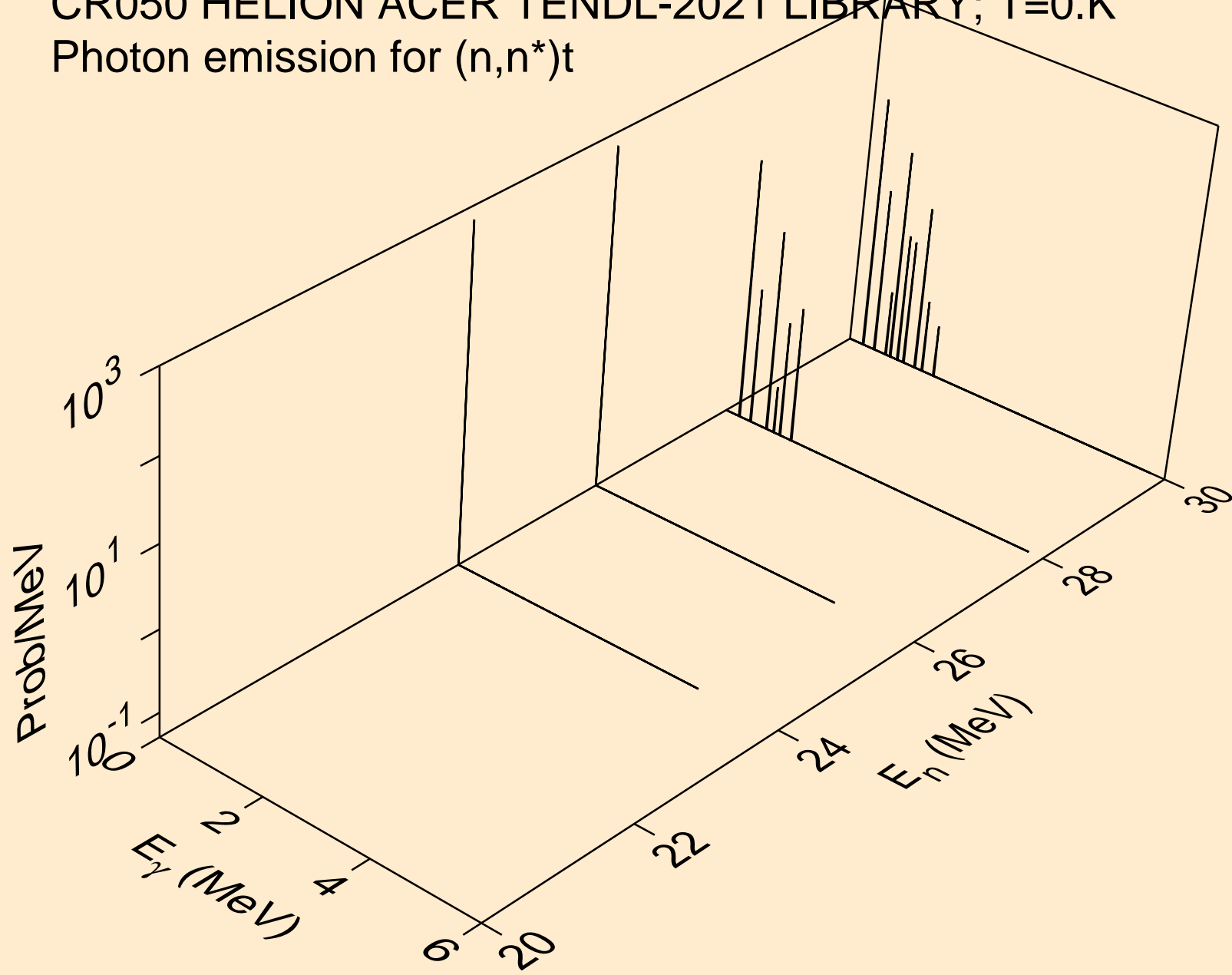




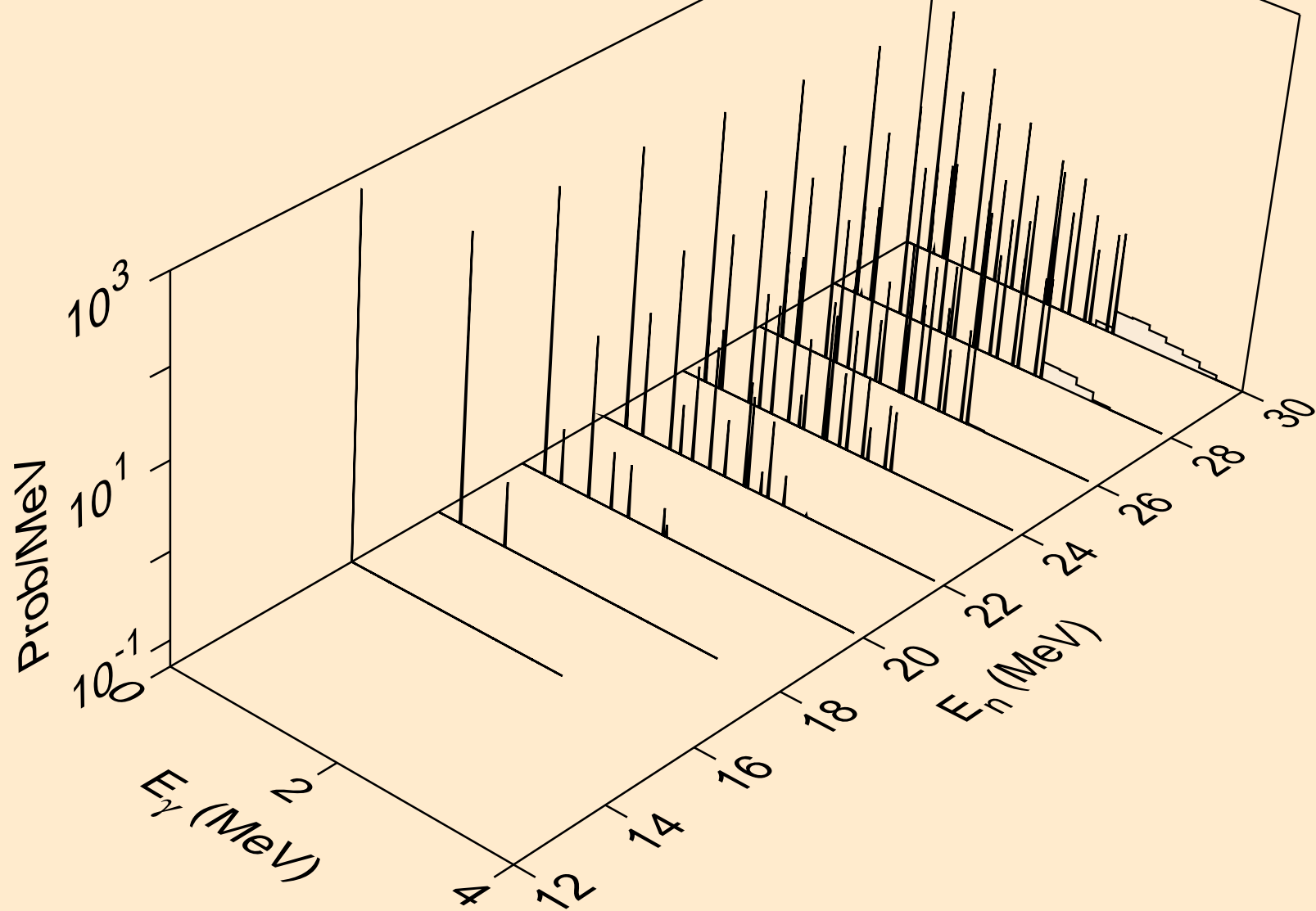
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Photon emission for (n,n\*)d



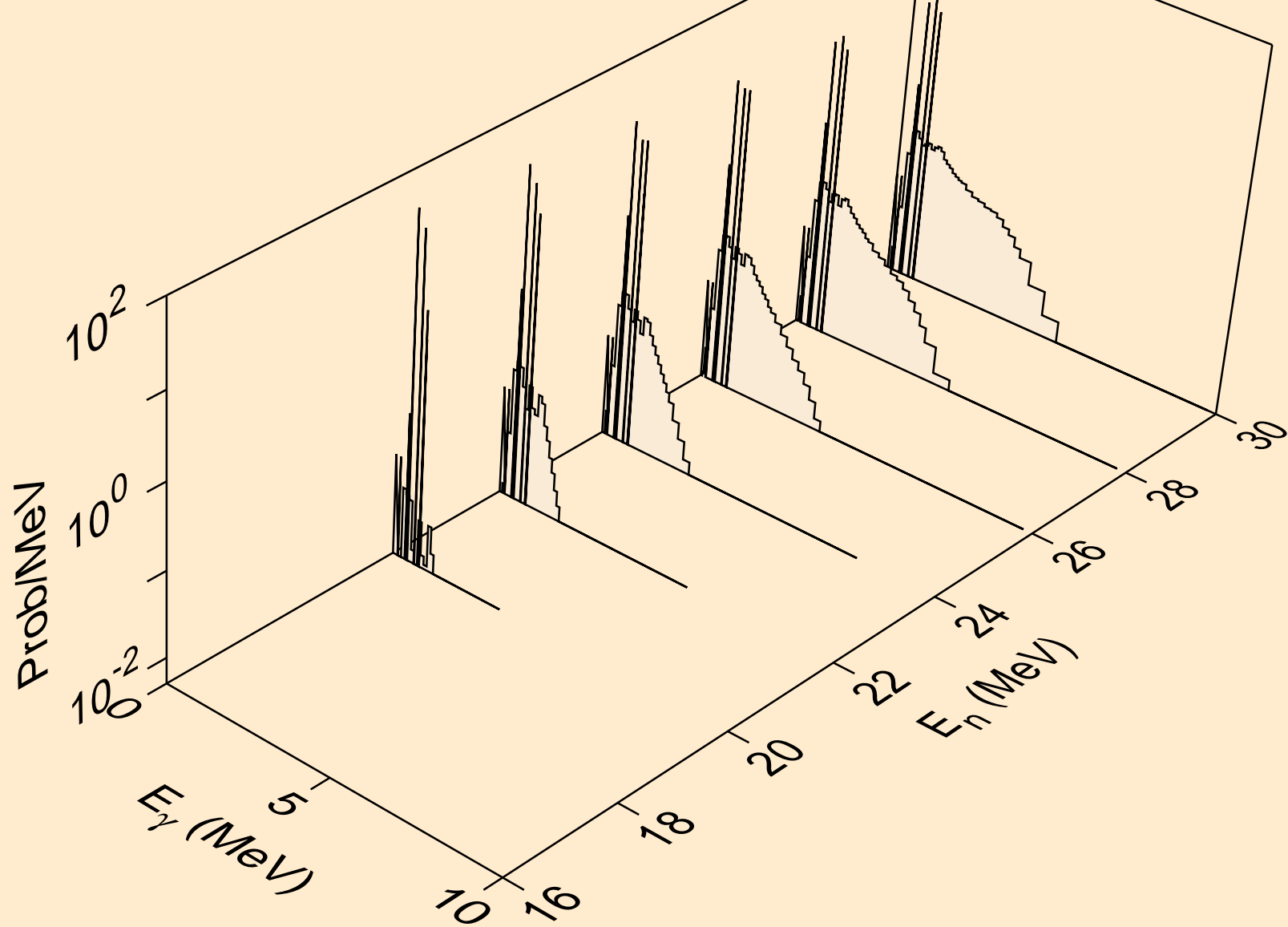
CR050 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



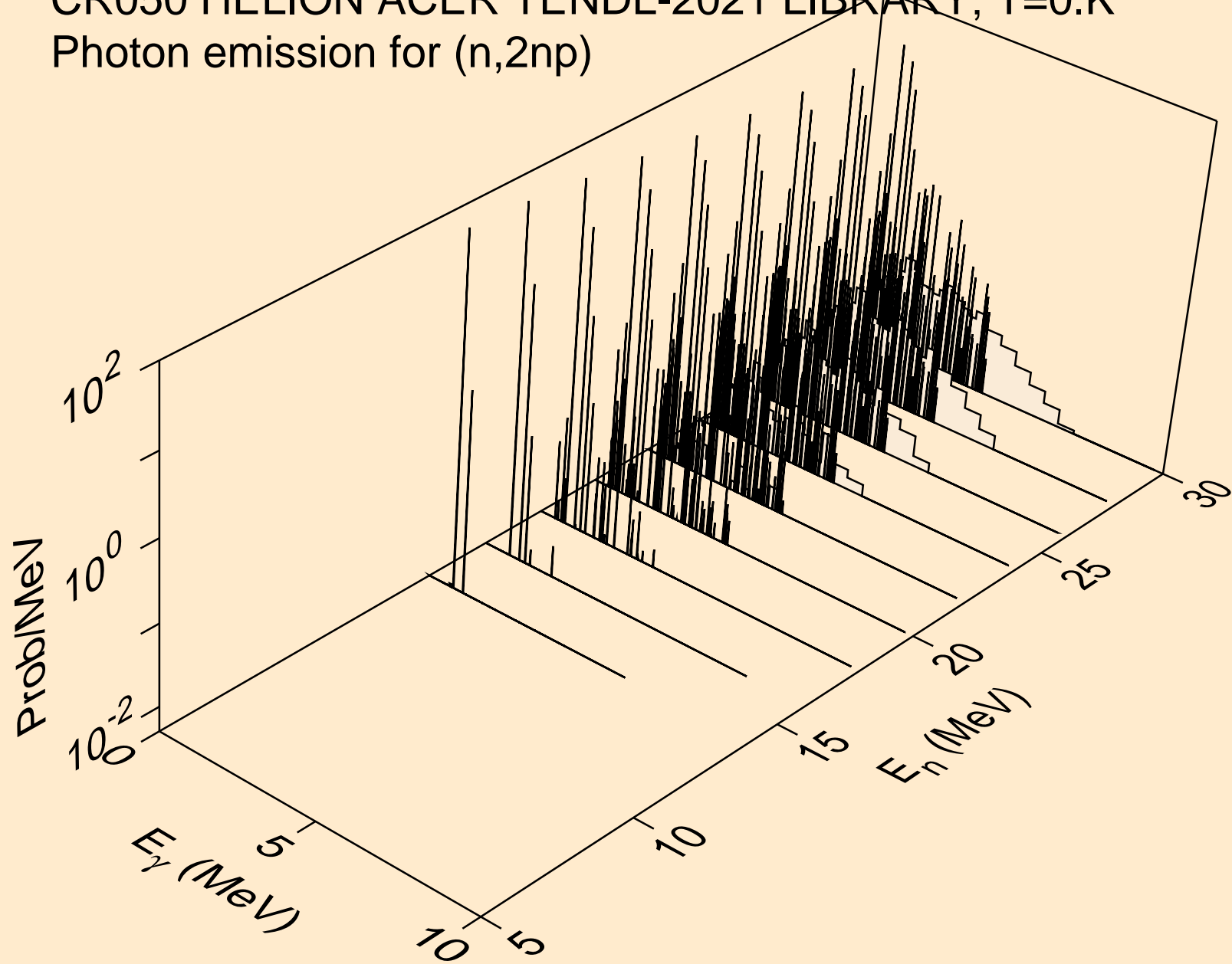
CR050 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



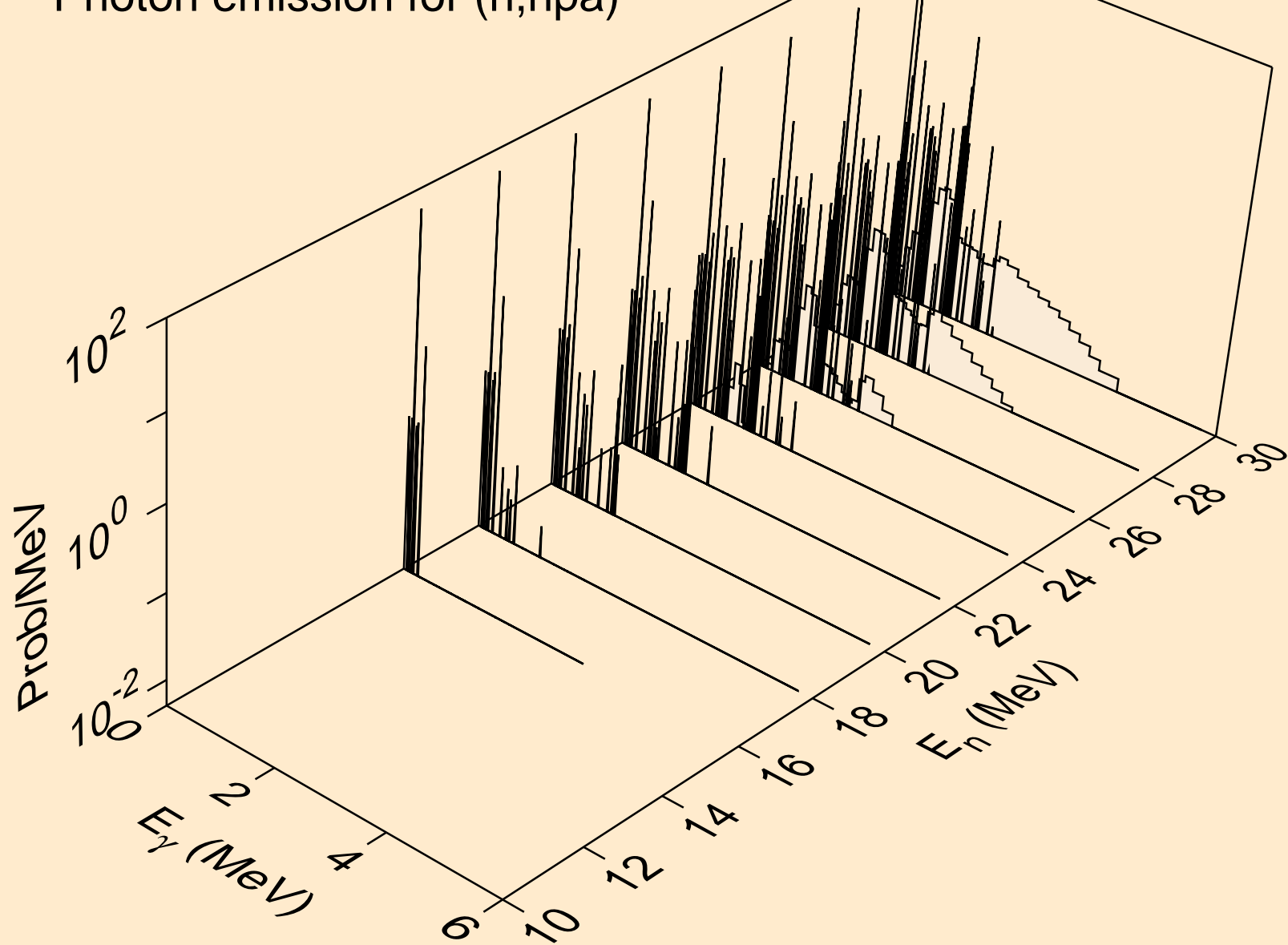
CR050 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



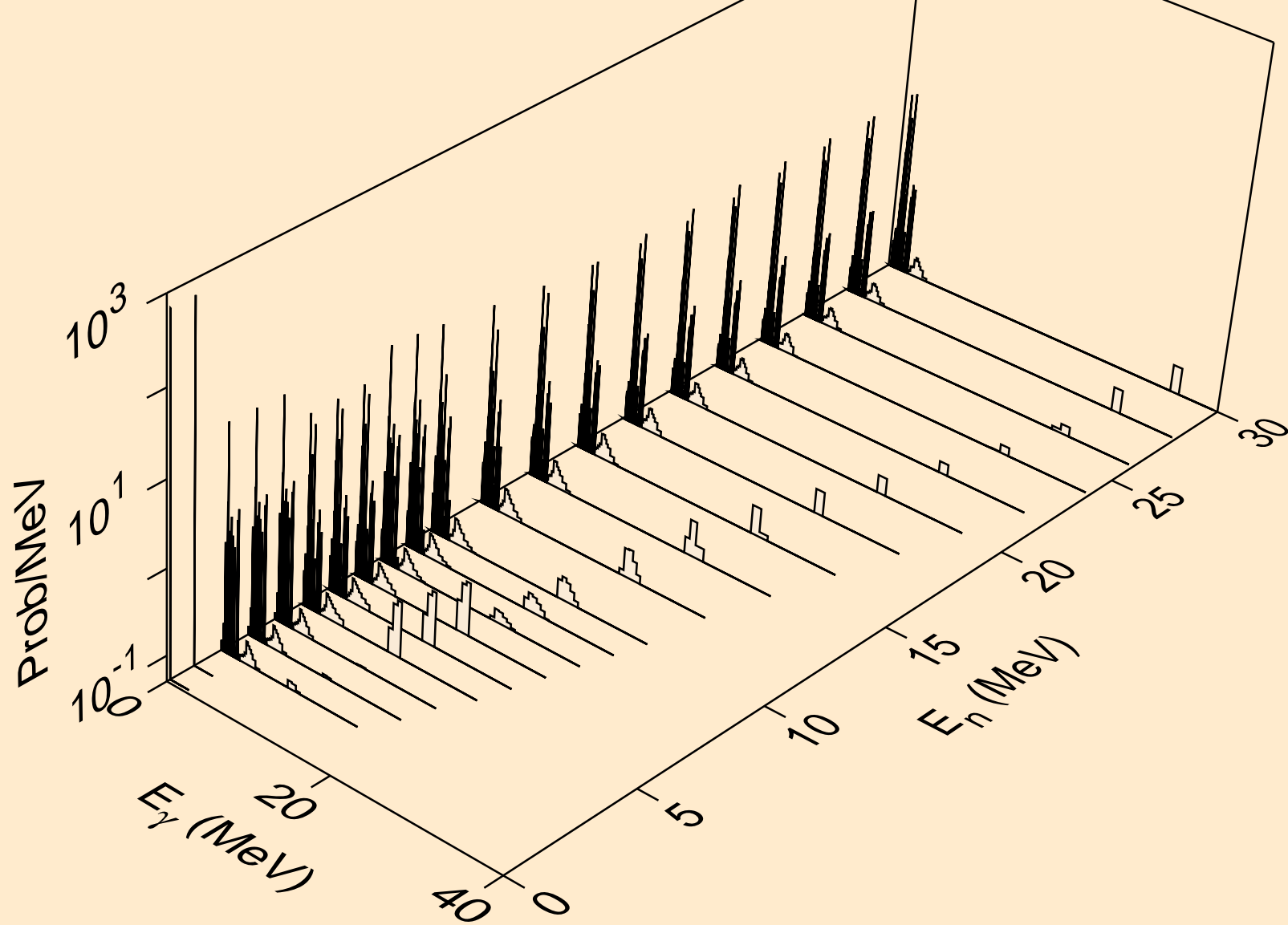
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Photon emission for (n,2np)



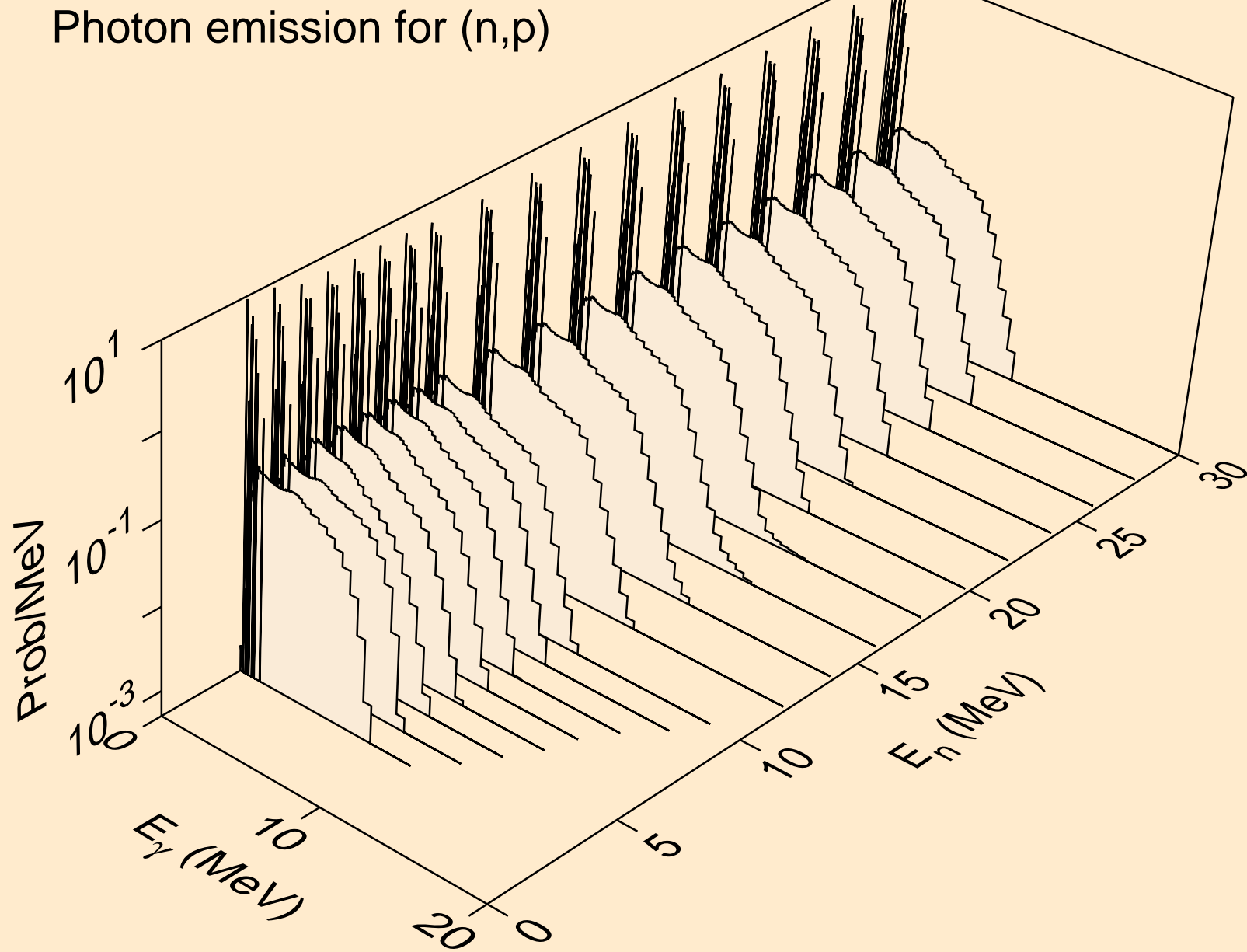
CR050 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,npa)



CR050 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,gma)

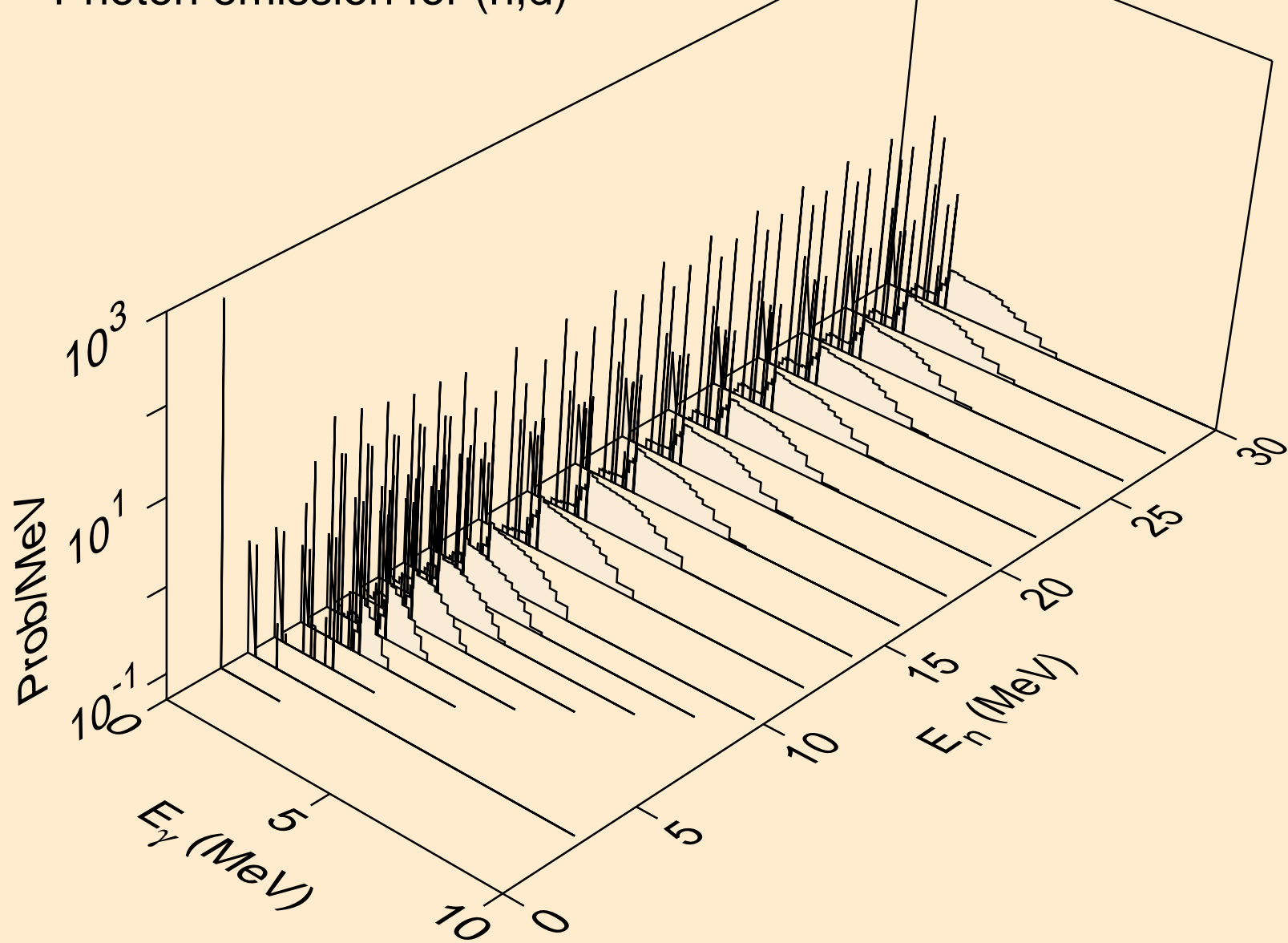


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Photon emission for (n,p)

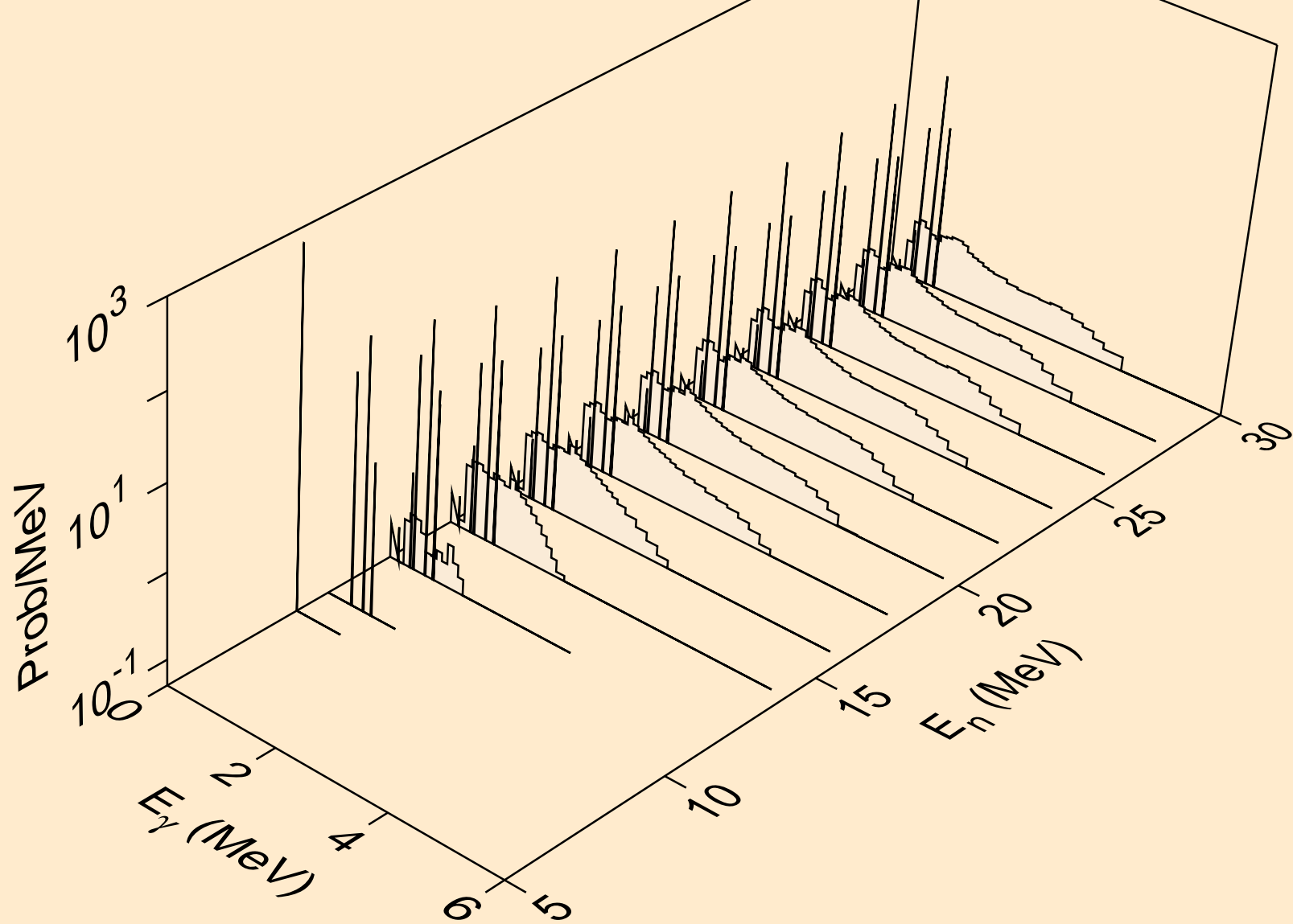




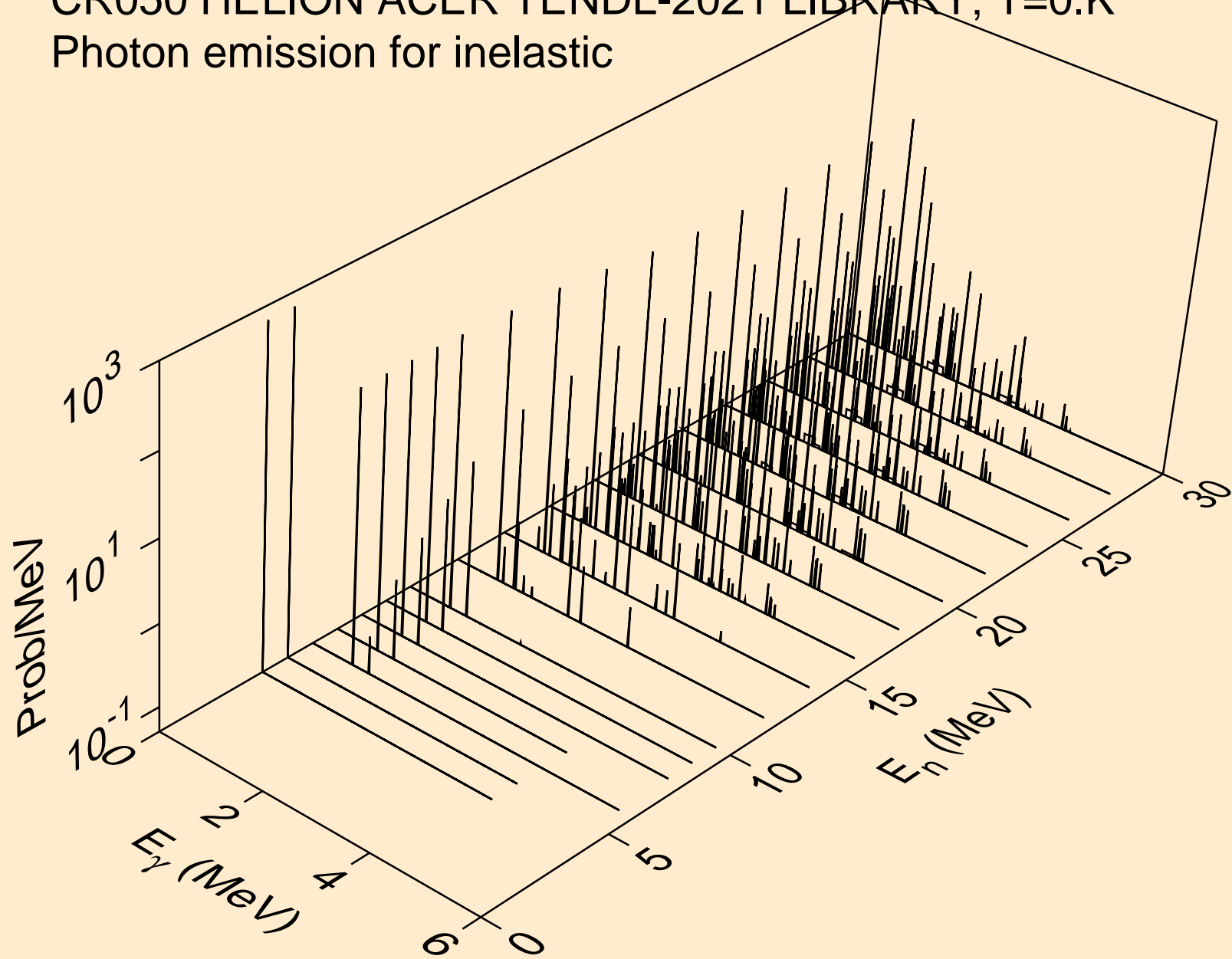
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Photon emission for (n,d)



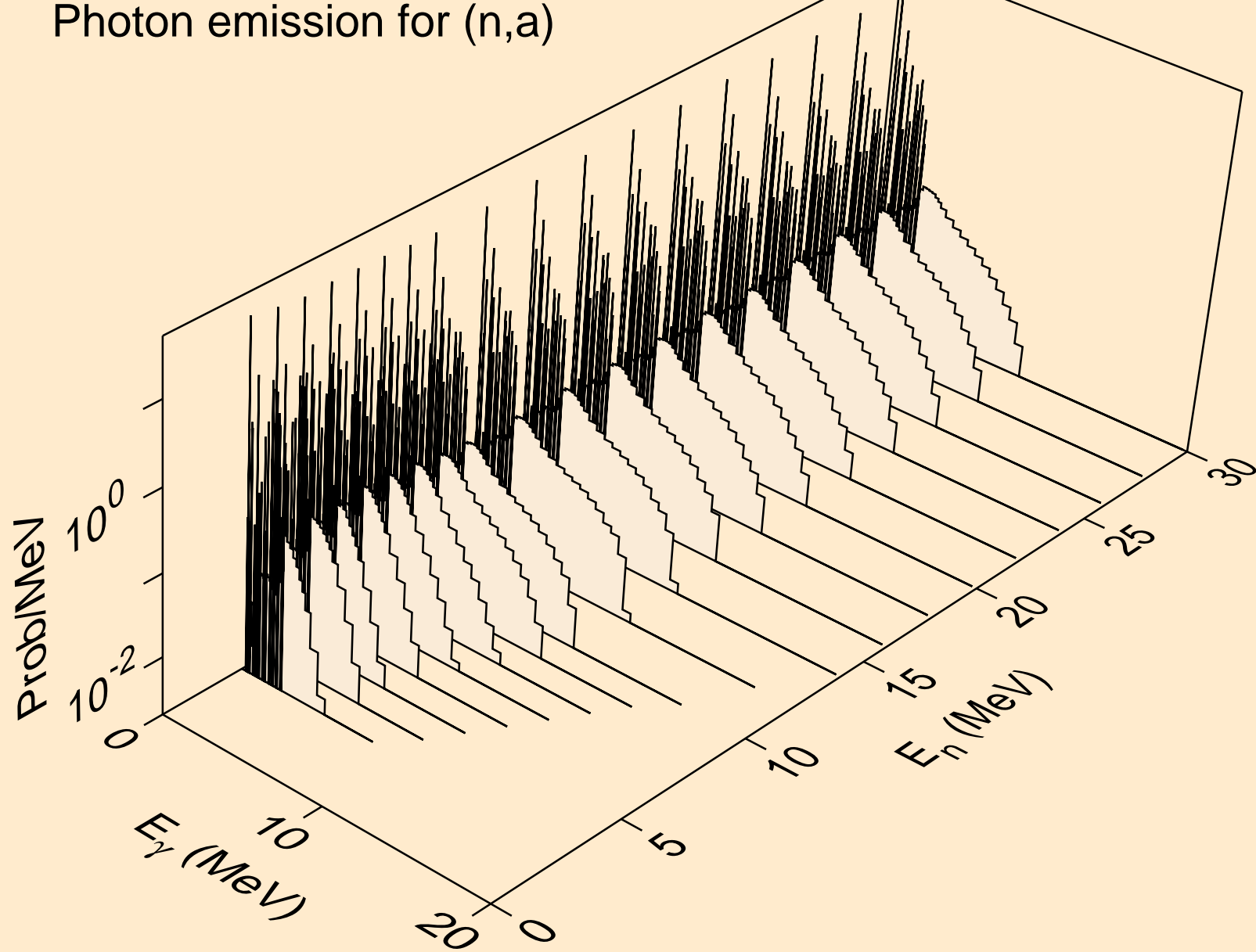
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Photon emission for (n,t)



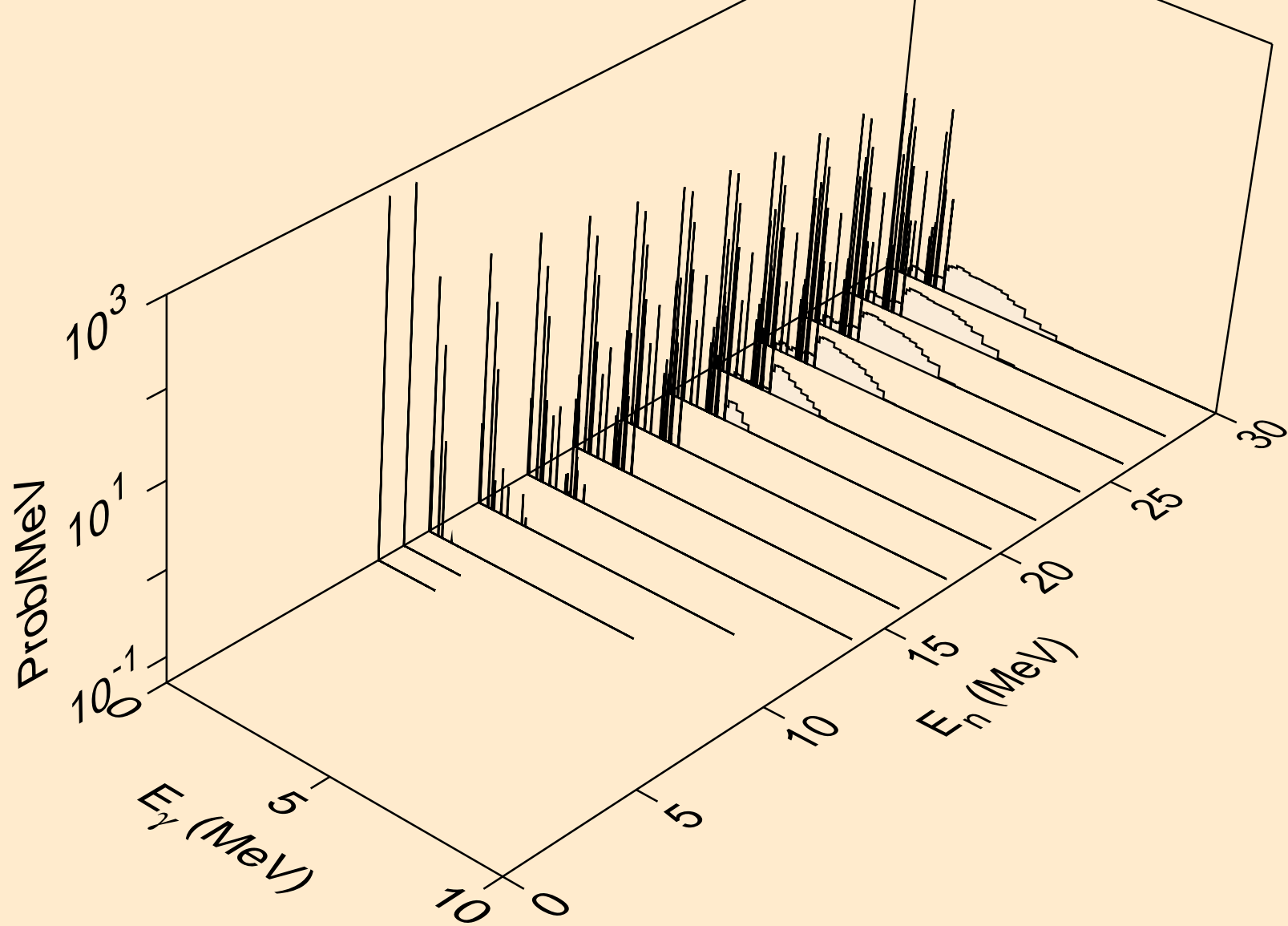
CR050 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



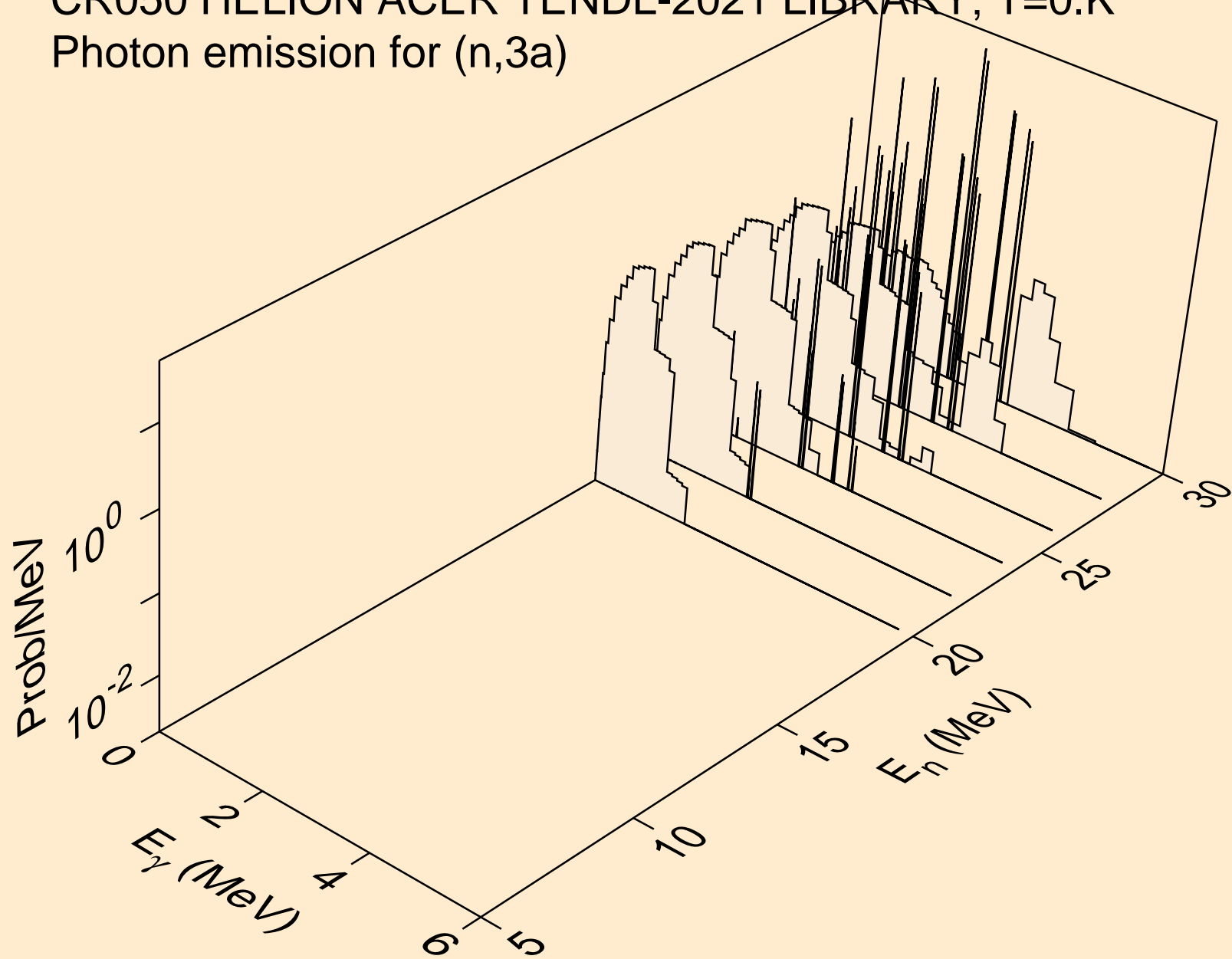
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Photon emission for (n,a)



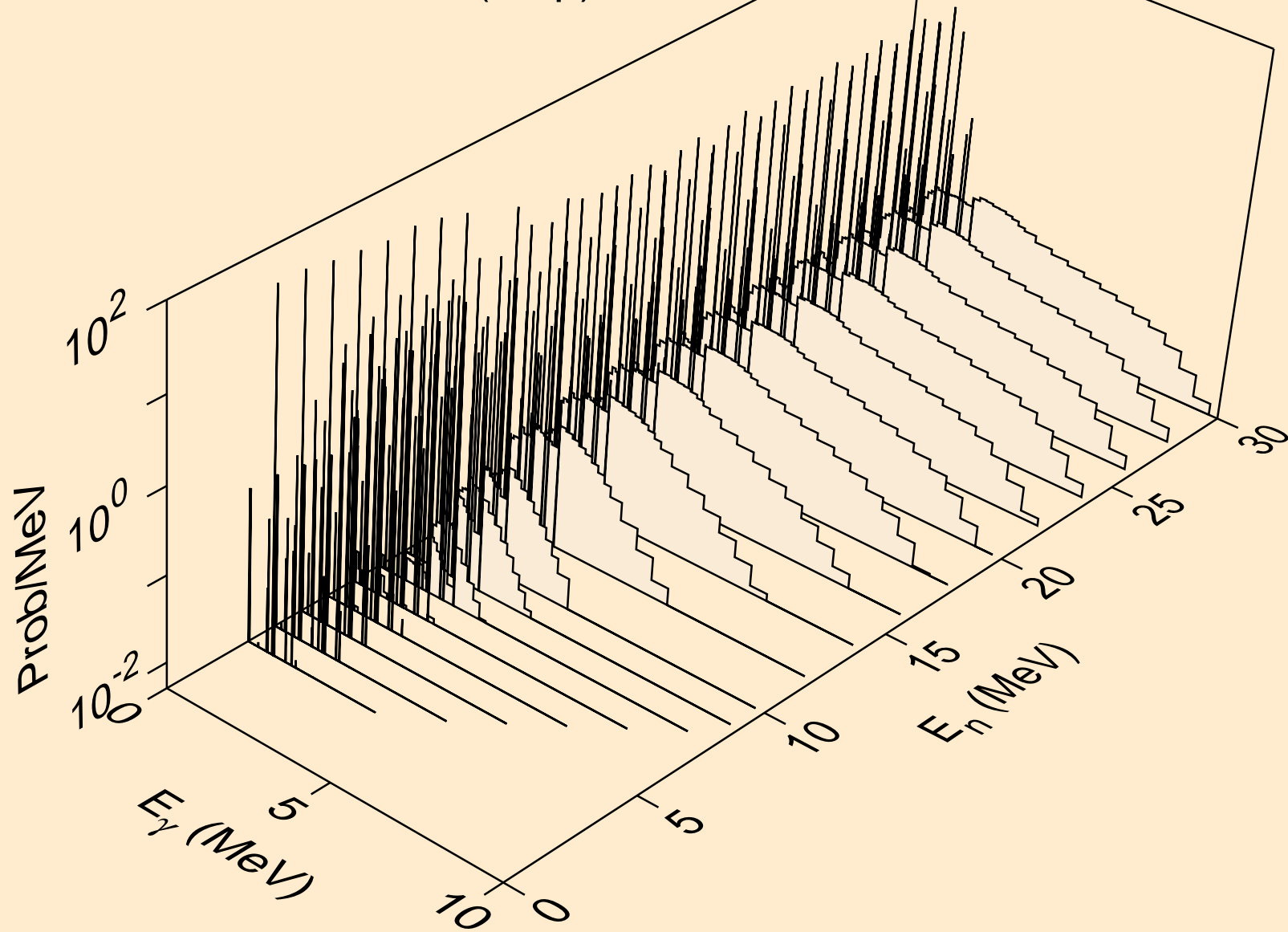
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Photon emission for (n,2a)



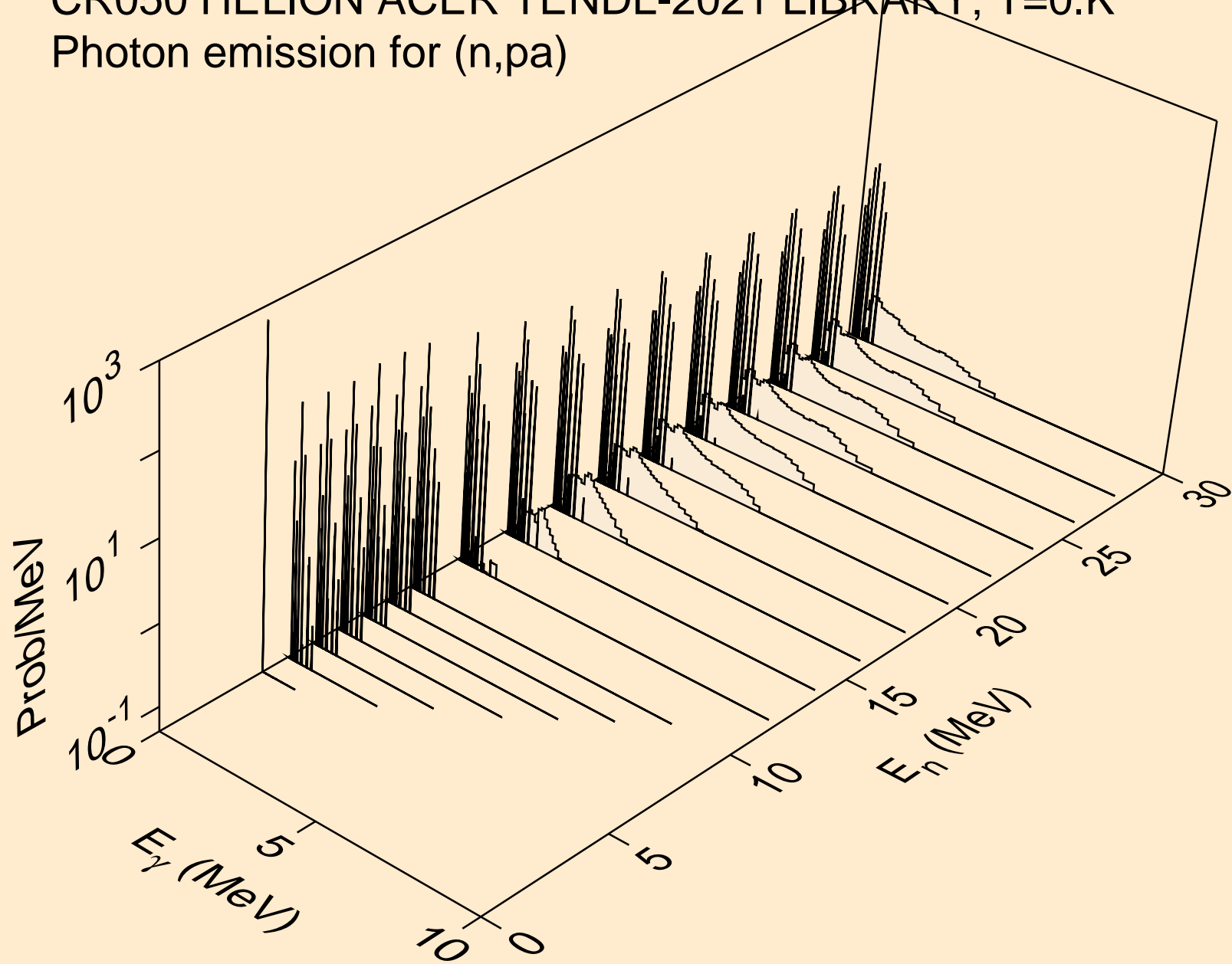
CR050 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3a)



CR050 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)

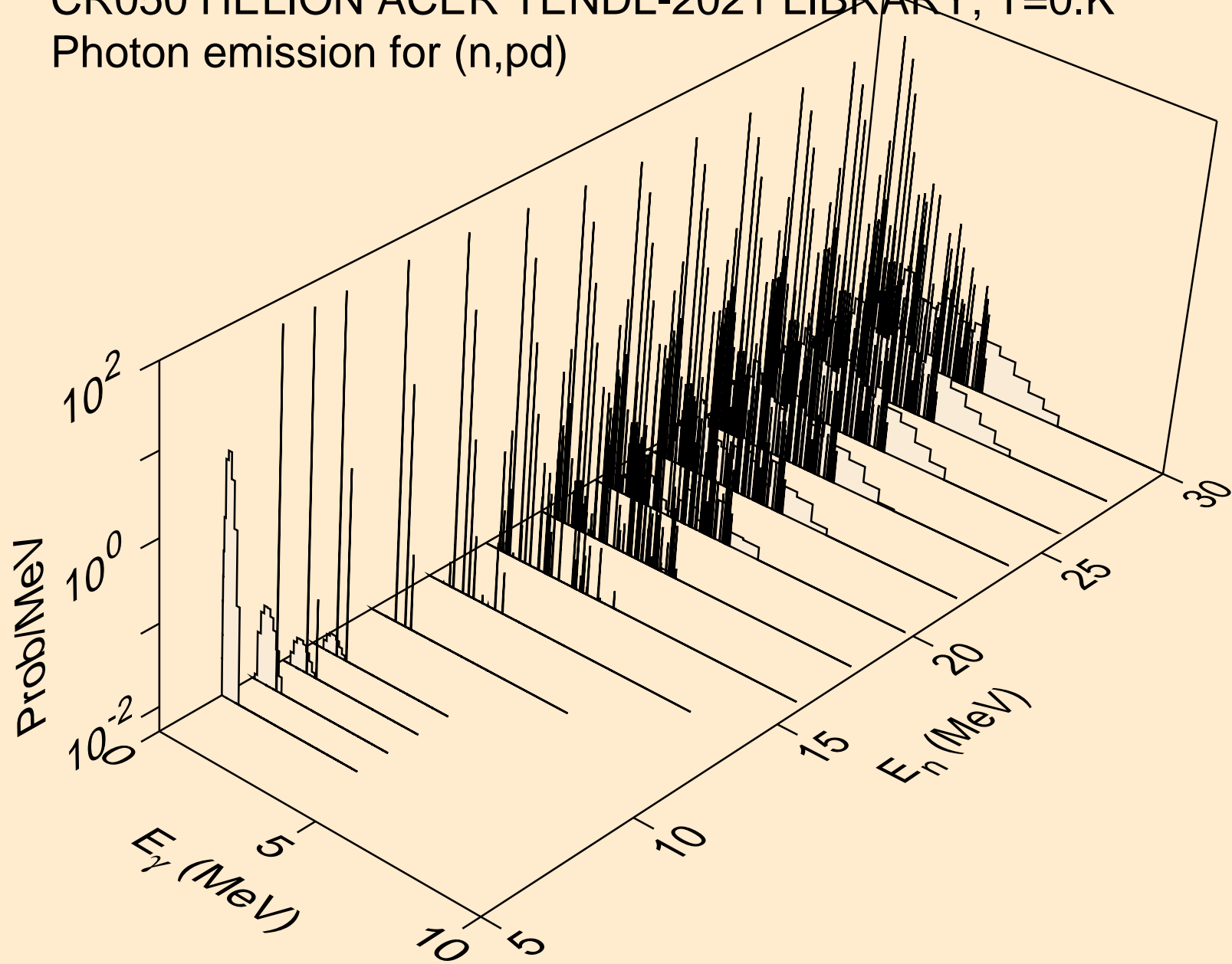


CR050 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pa)

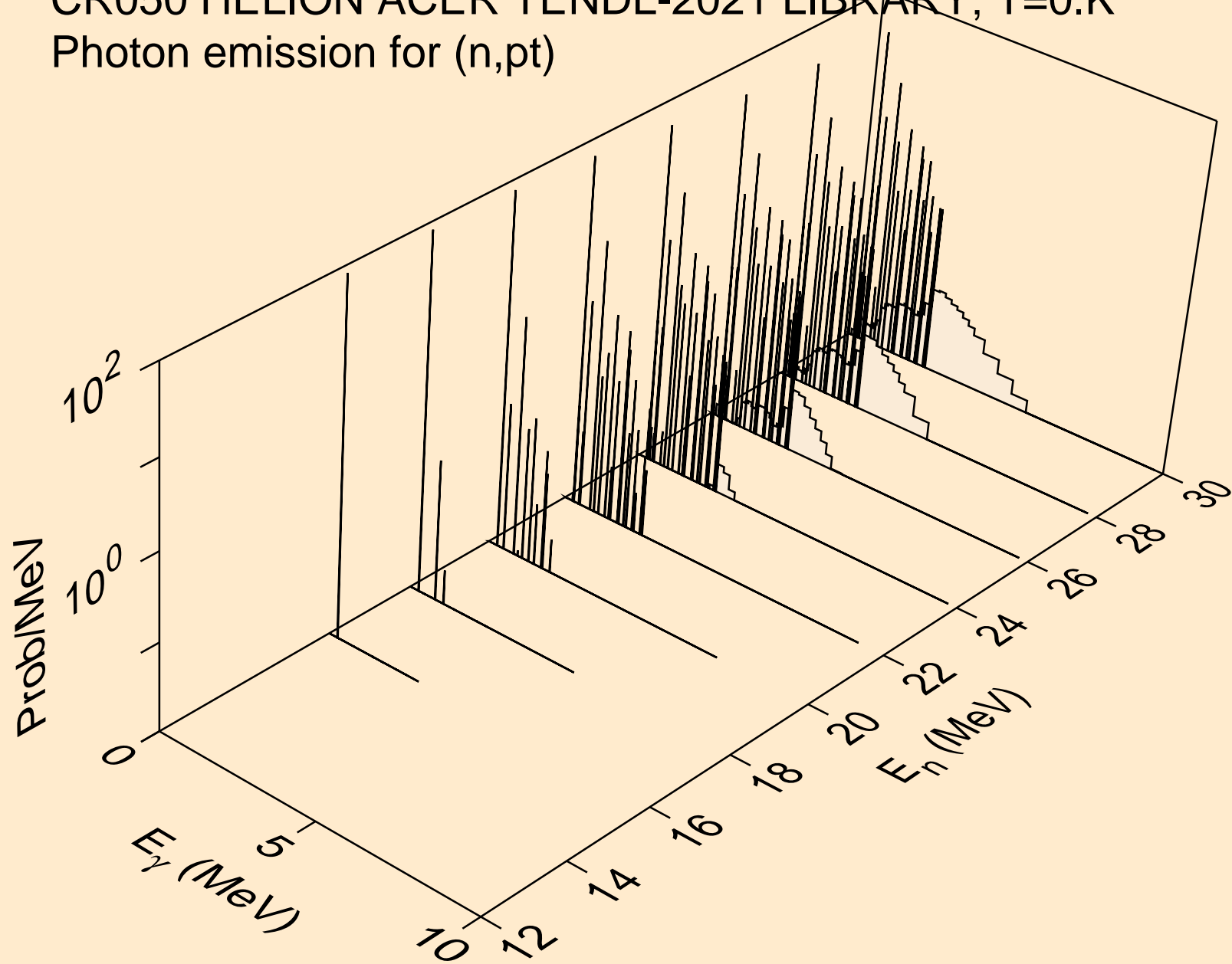




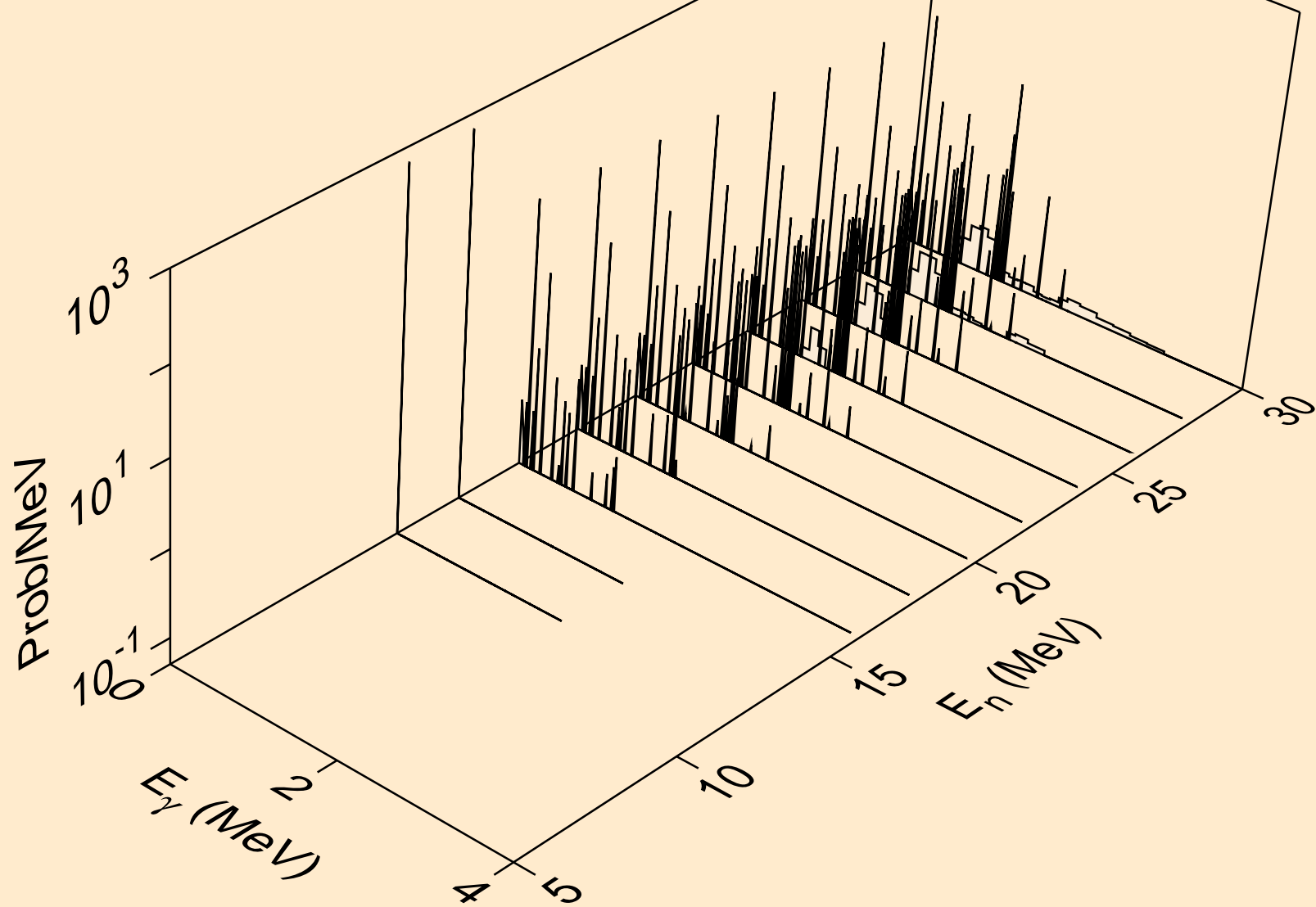
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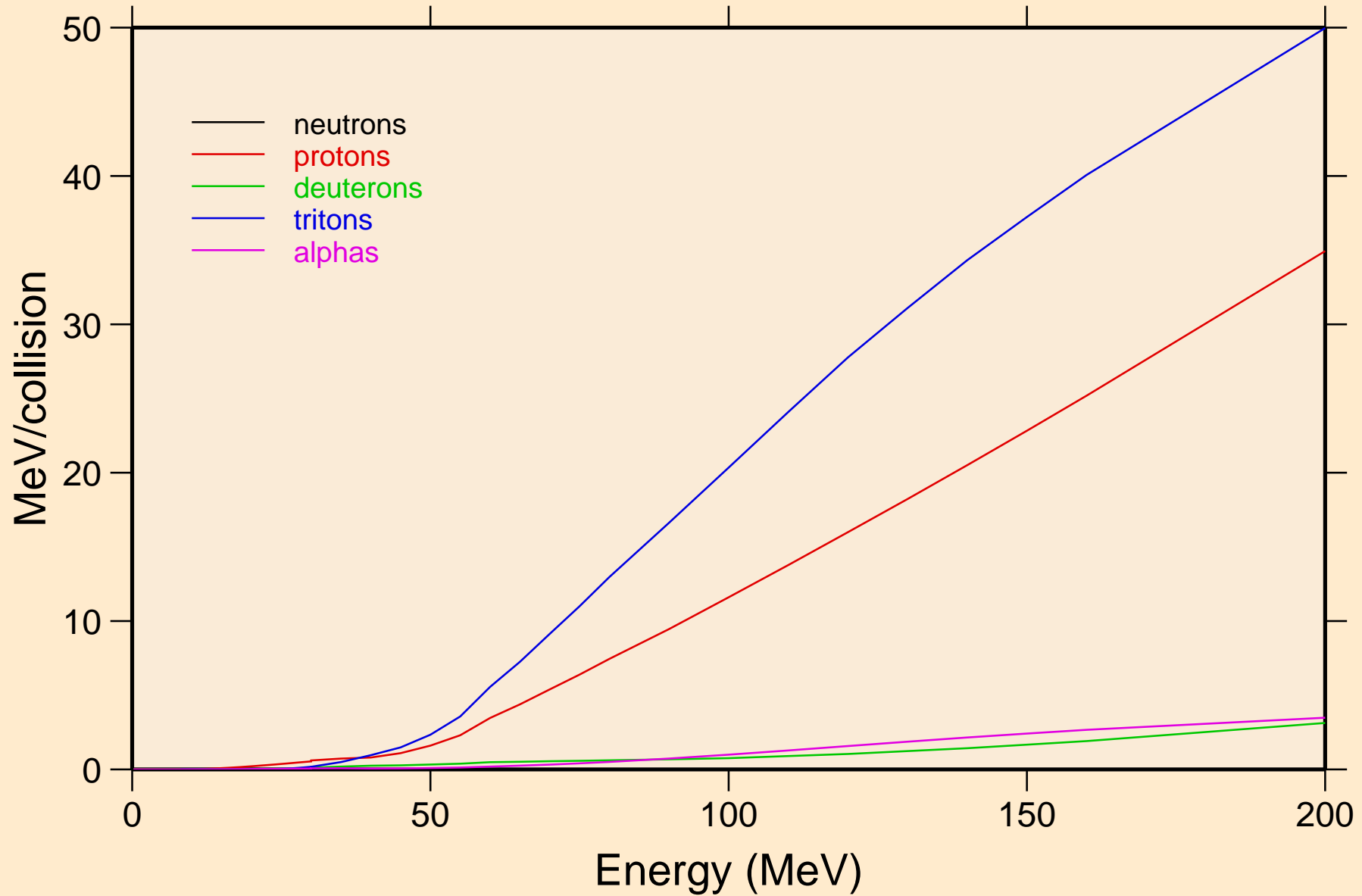
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Photon emission for (n,pt)



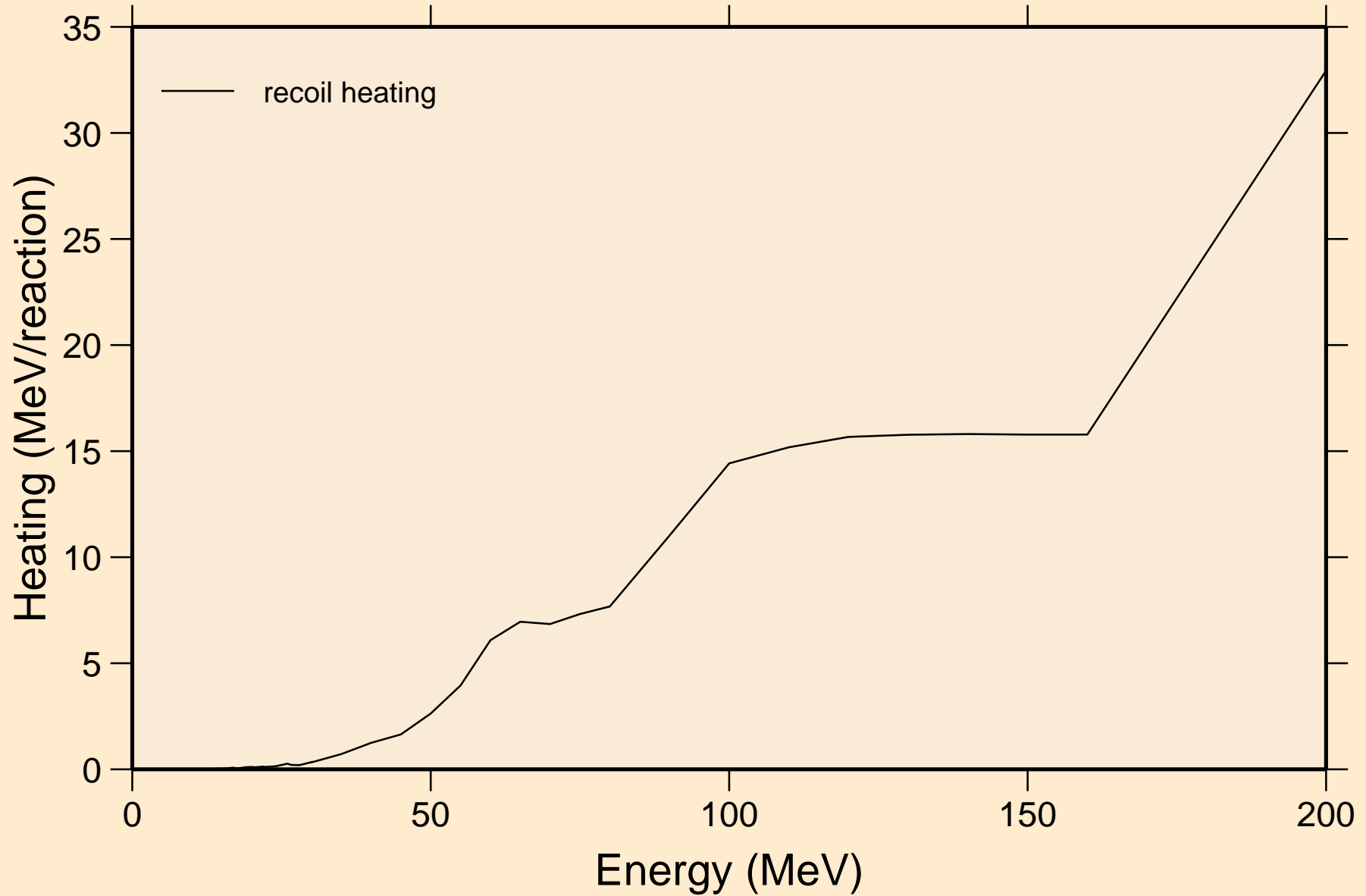
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Photon emission for (n,da)



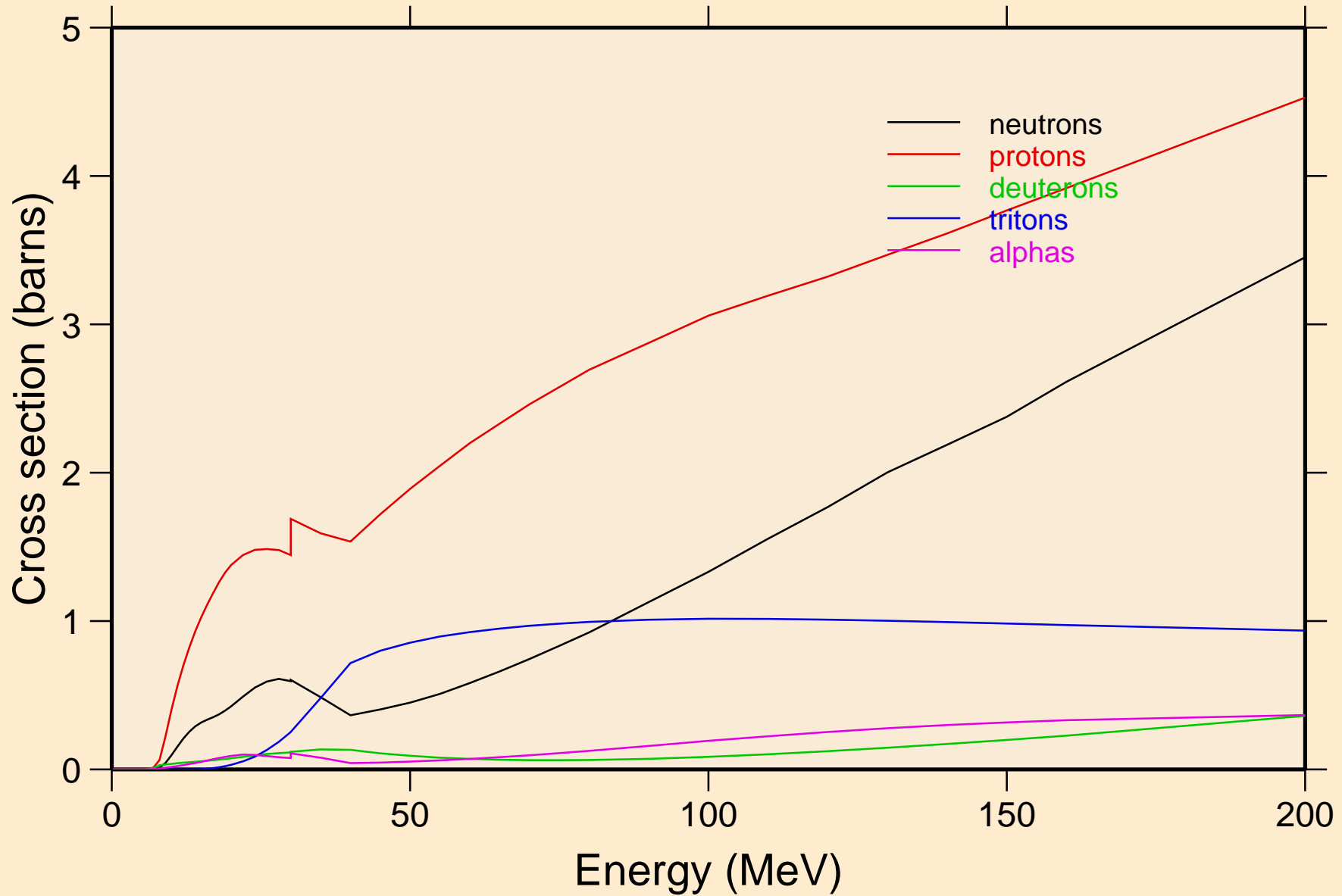
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Particle heating contributions



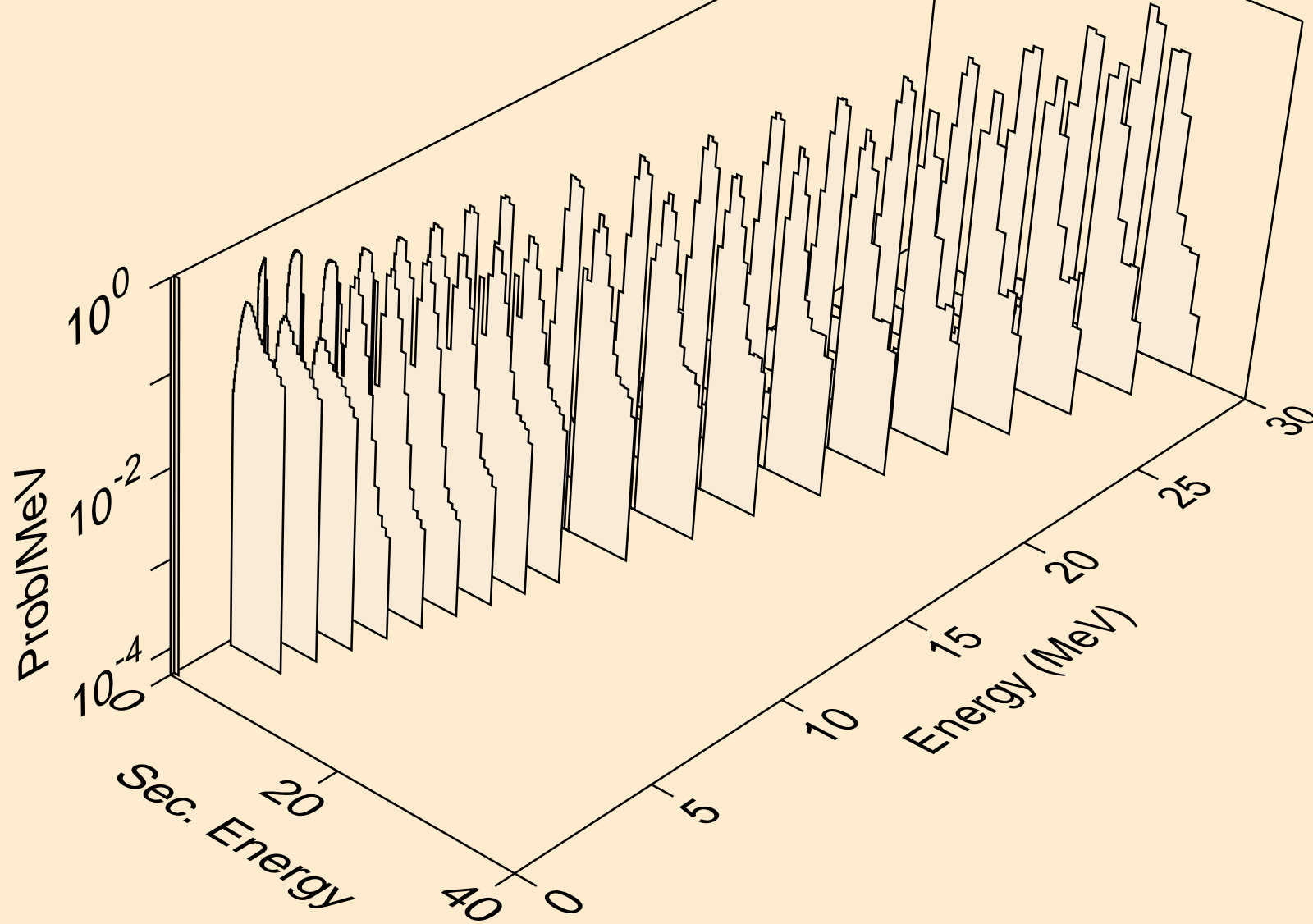
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Recoil Heating



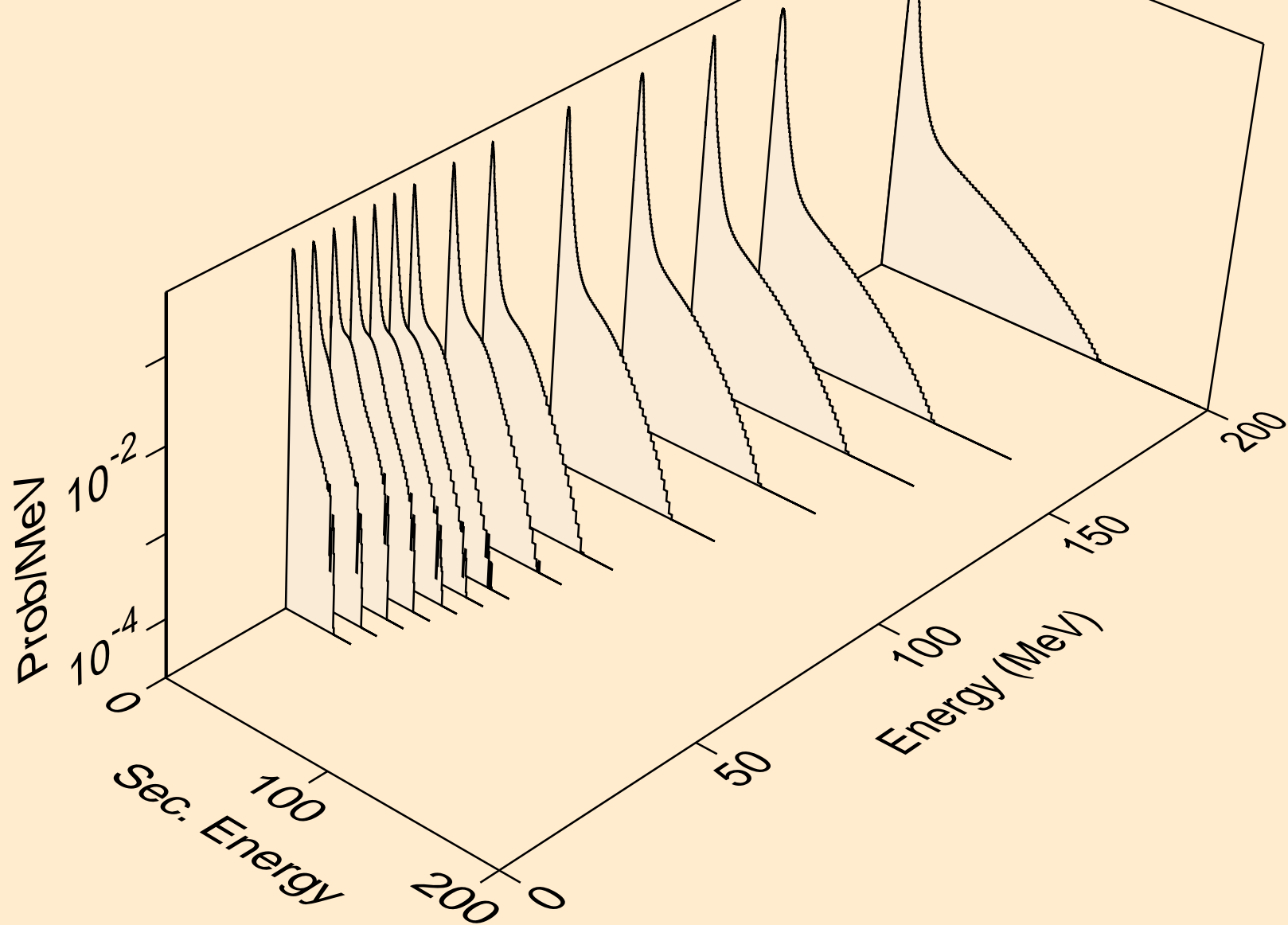
CR050 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



CR050 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n)

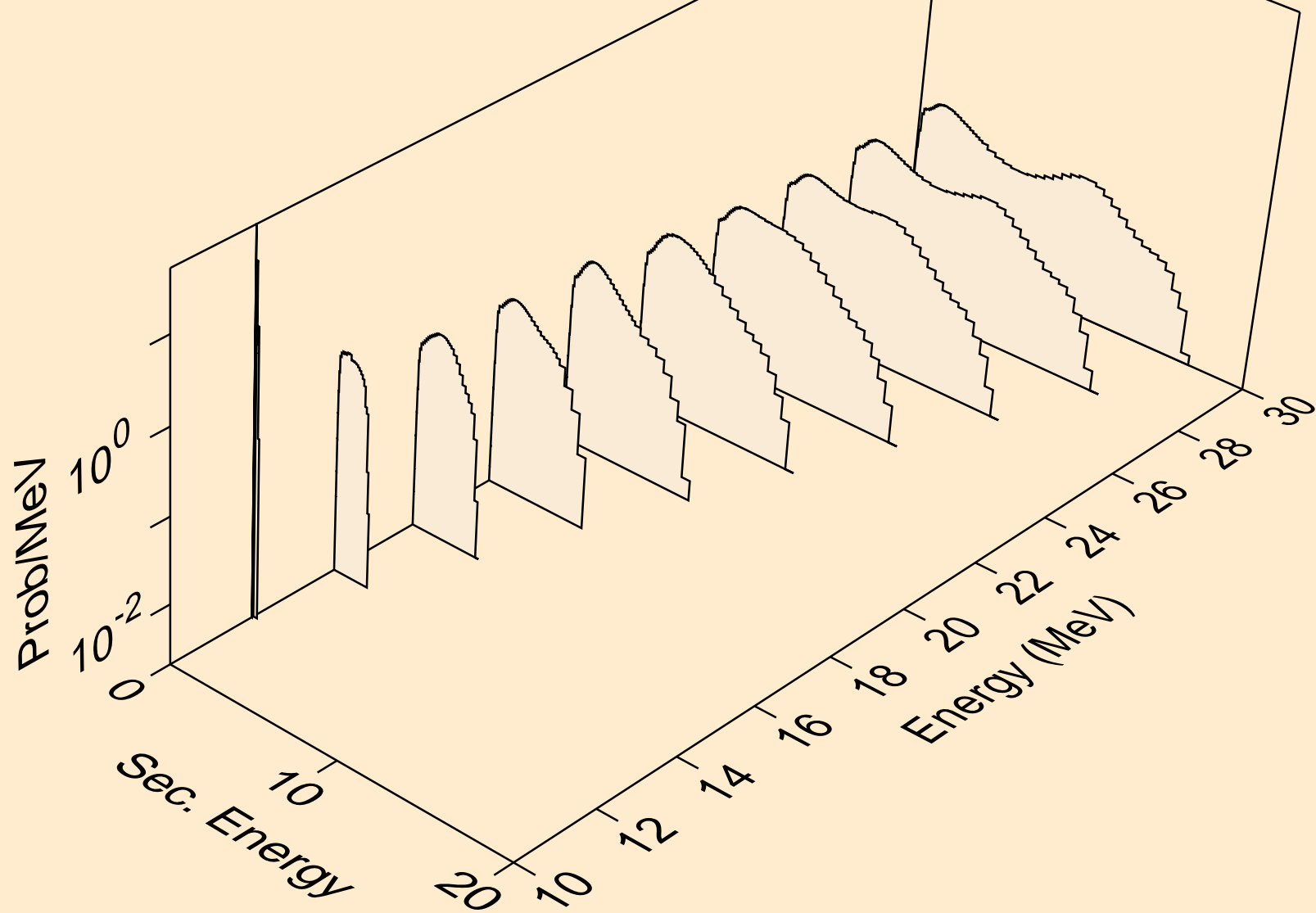


CR050 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,x)

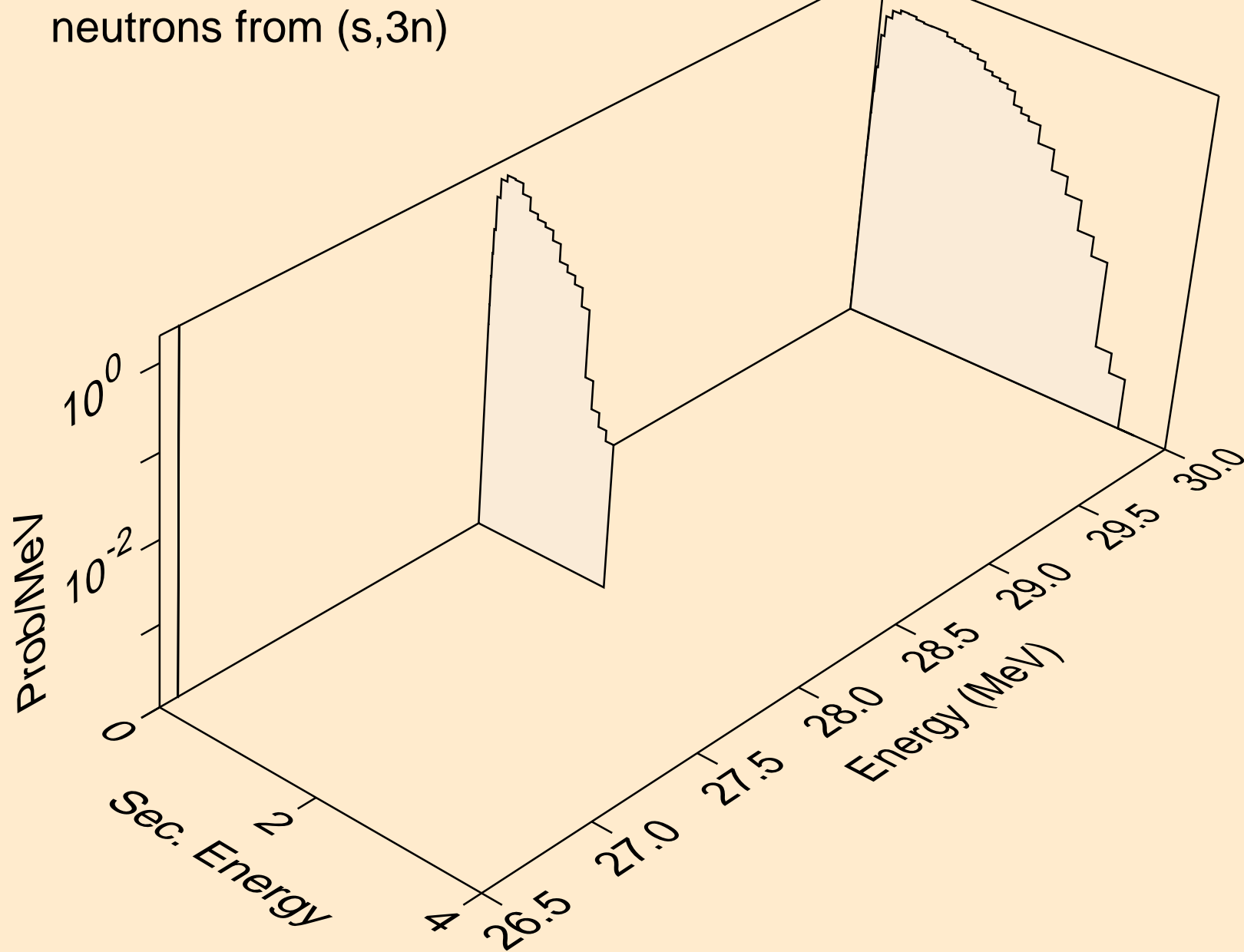




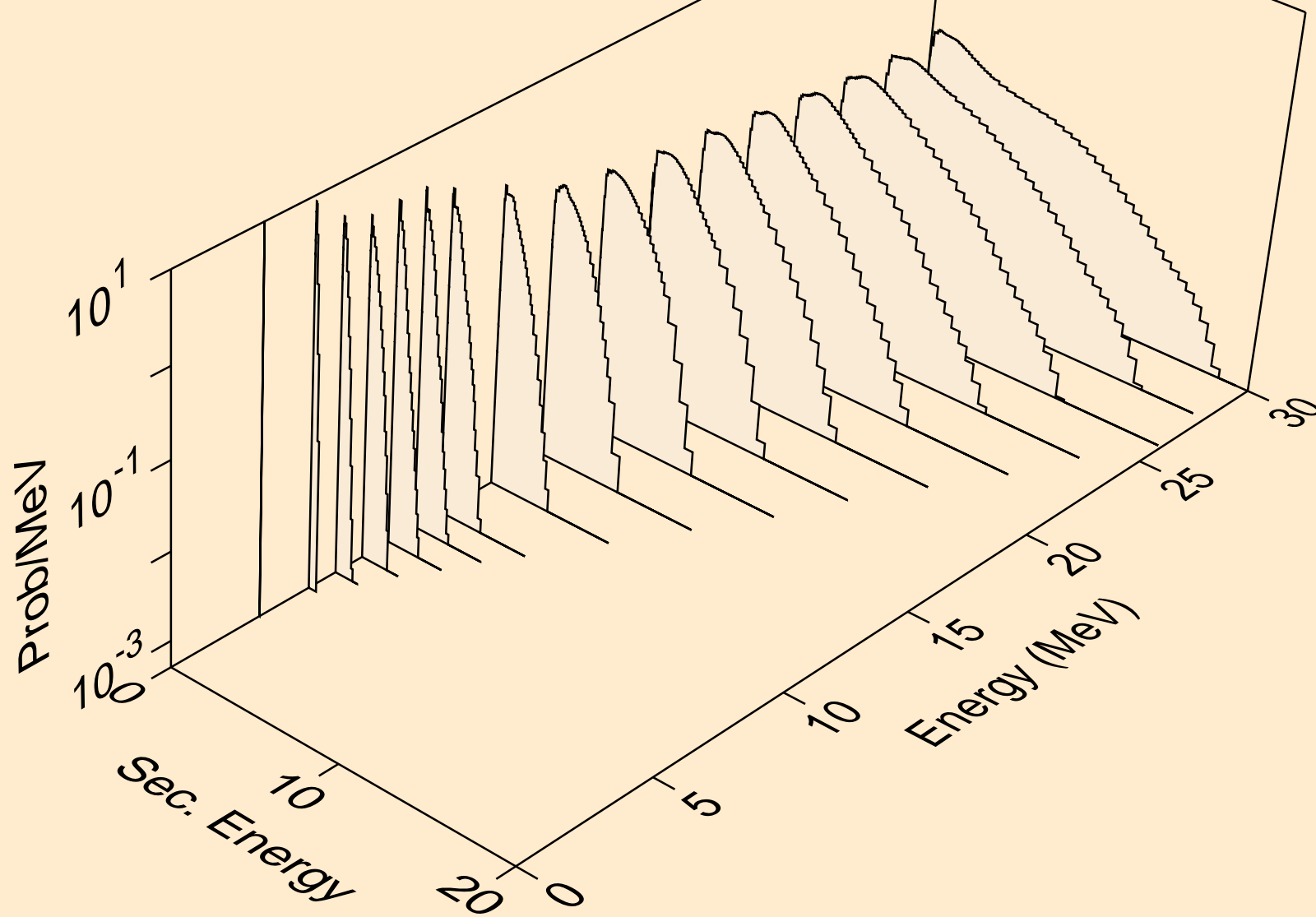
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neutrons from (s,2n)



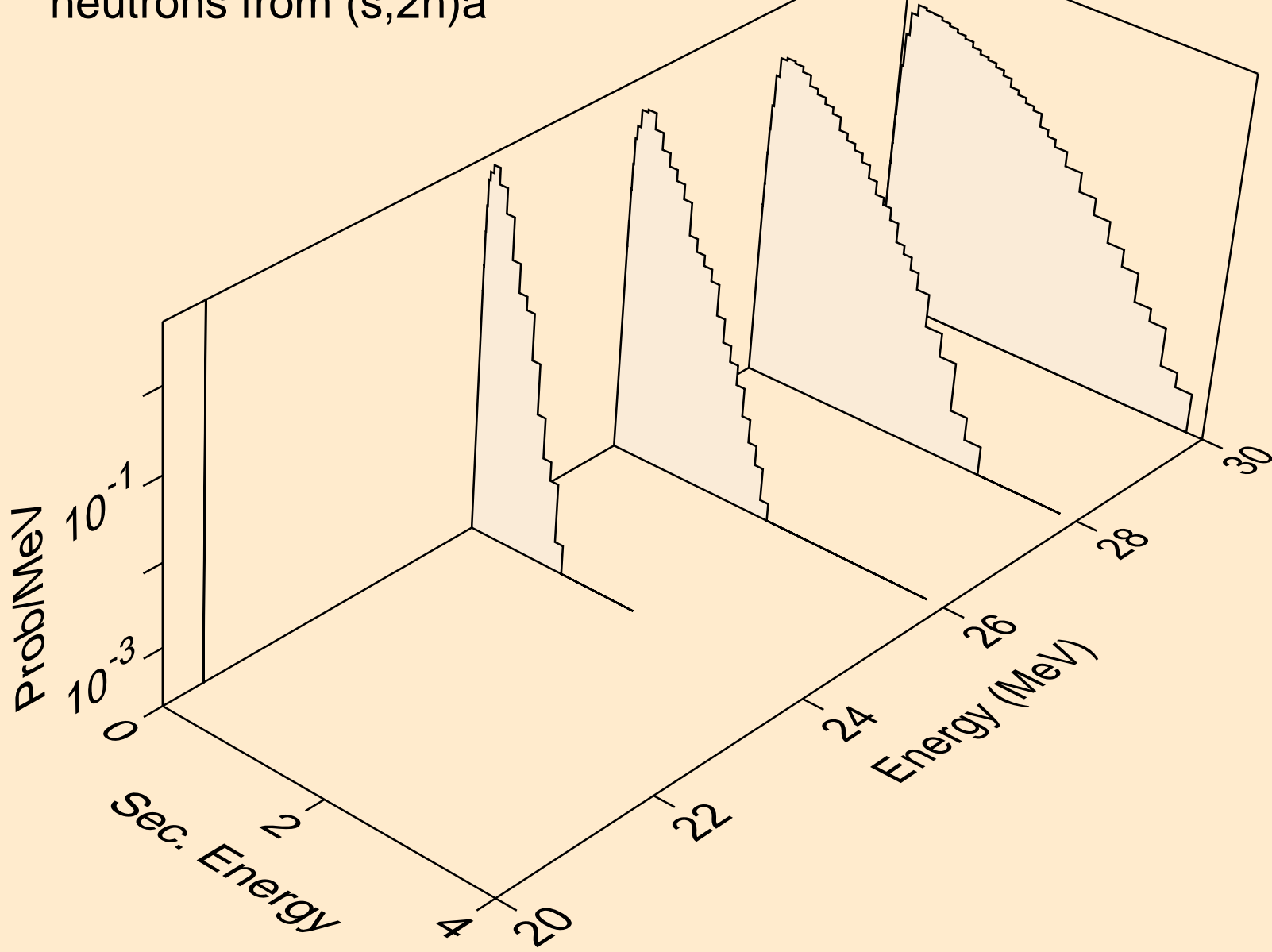
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neutrons from (s,3n)



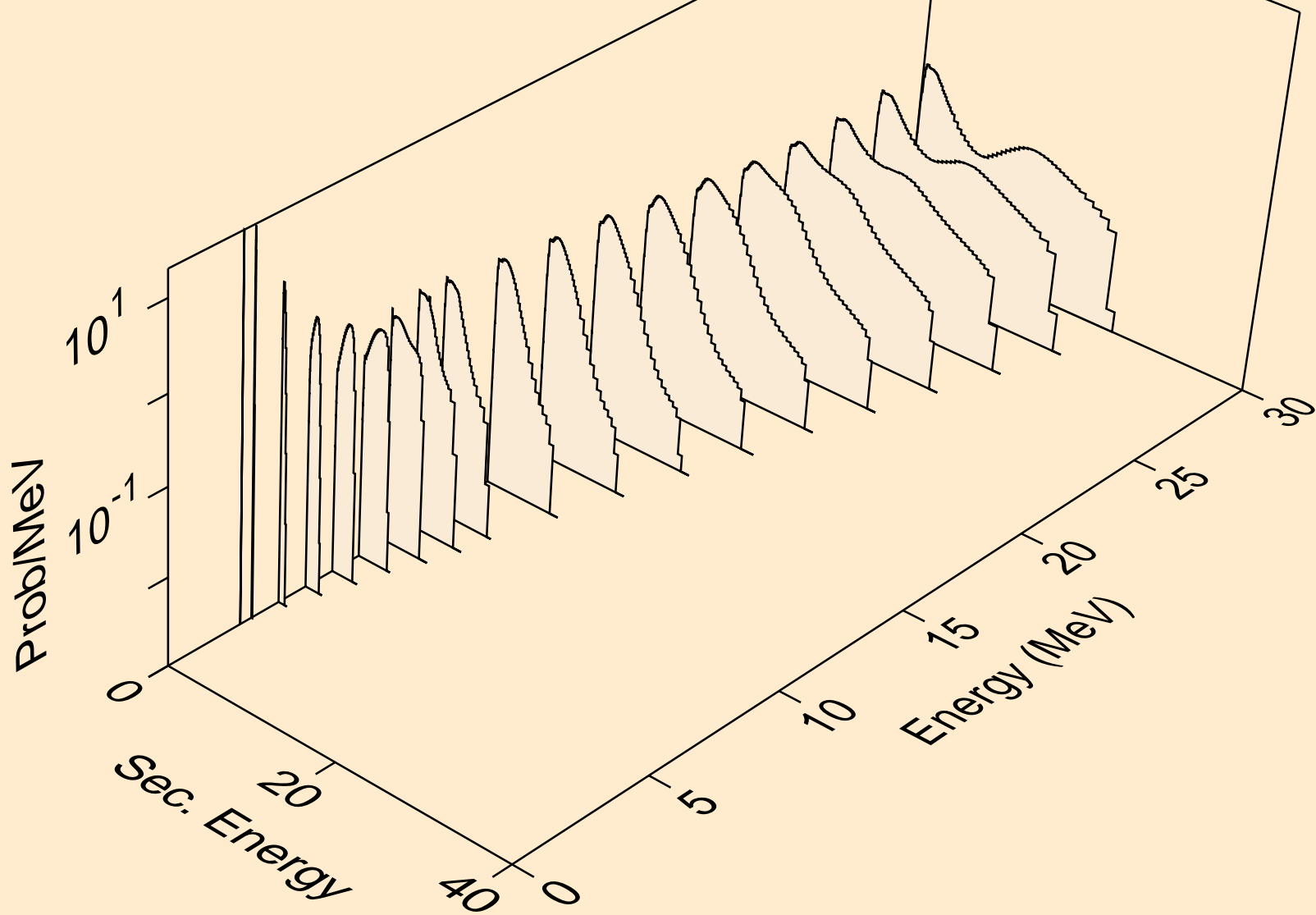
CR050 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)a



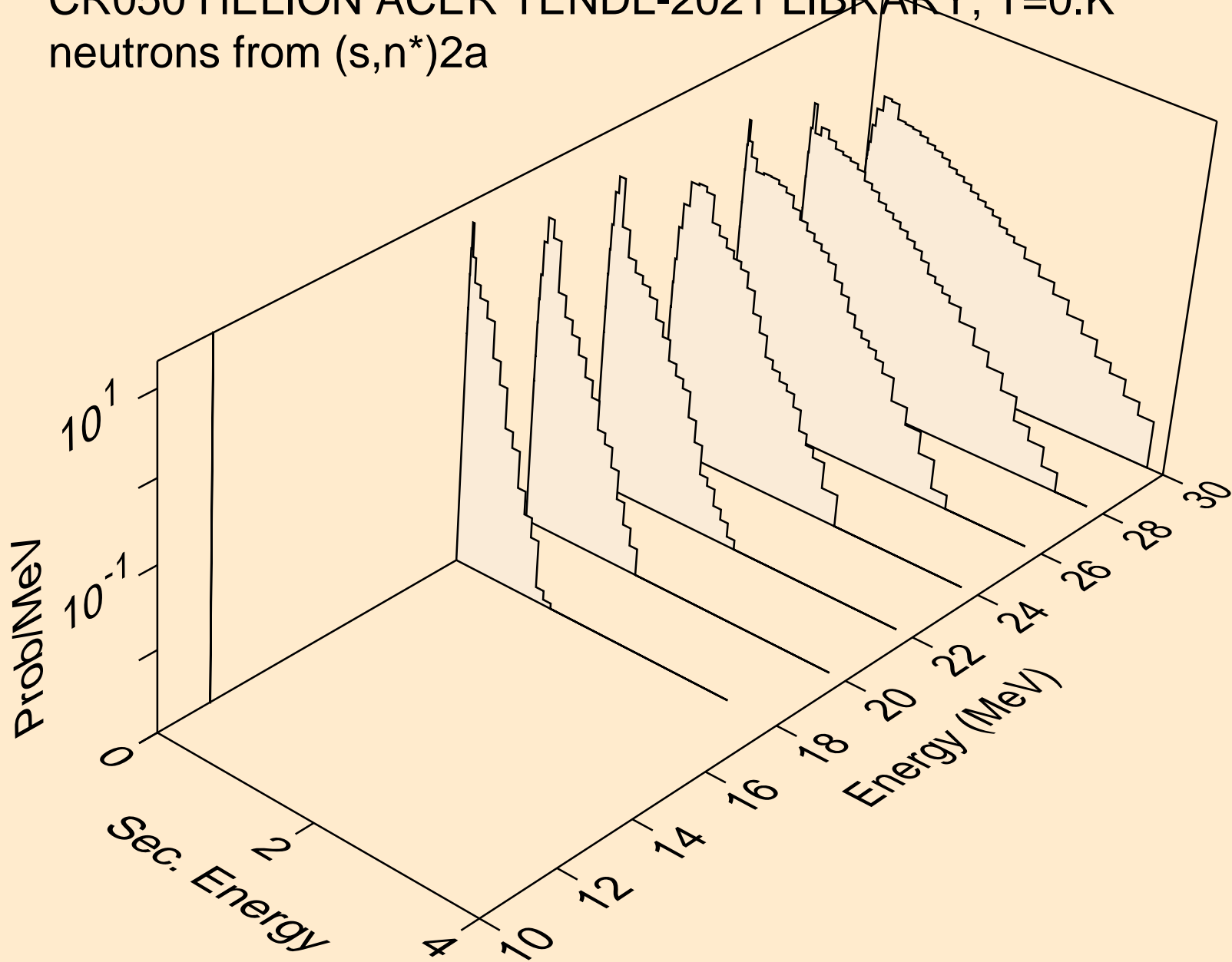
CR050 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)a



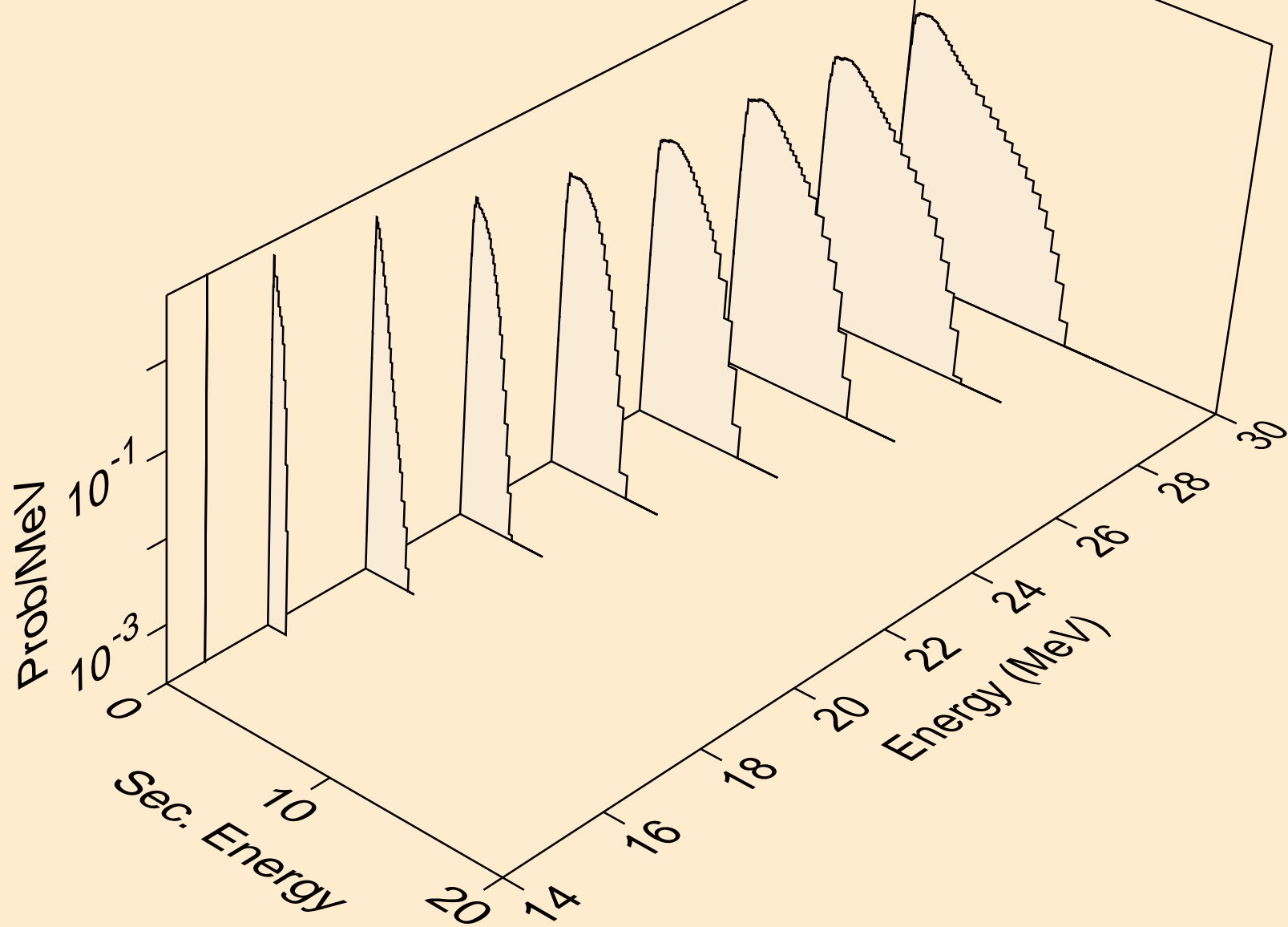
CR050 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)p



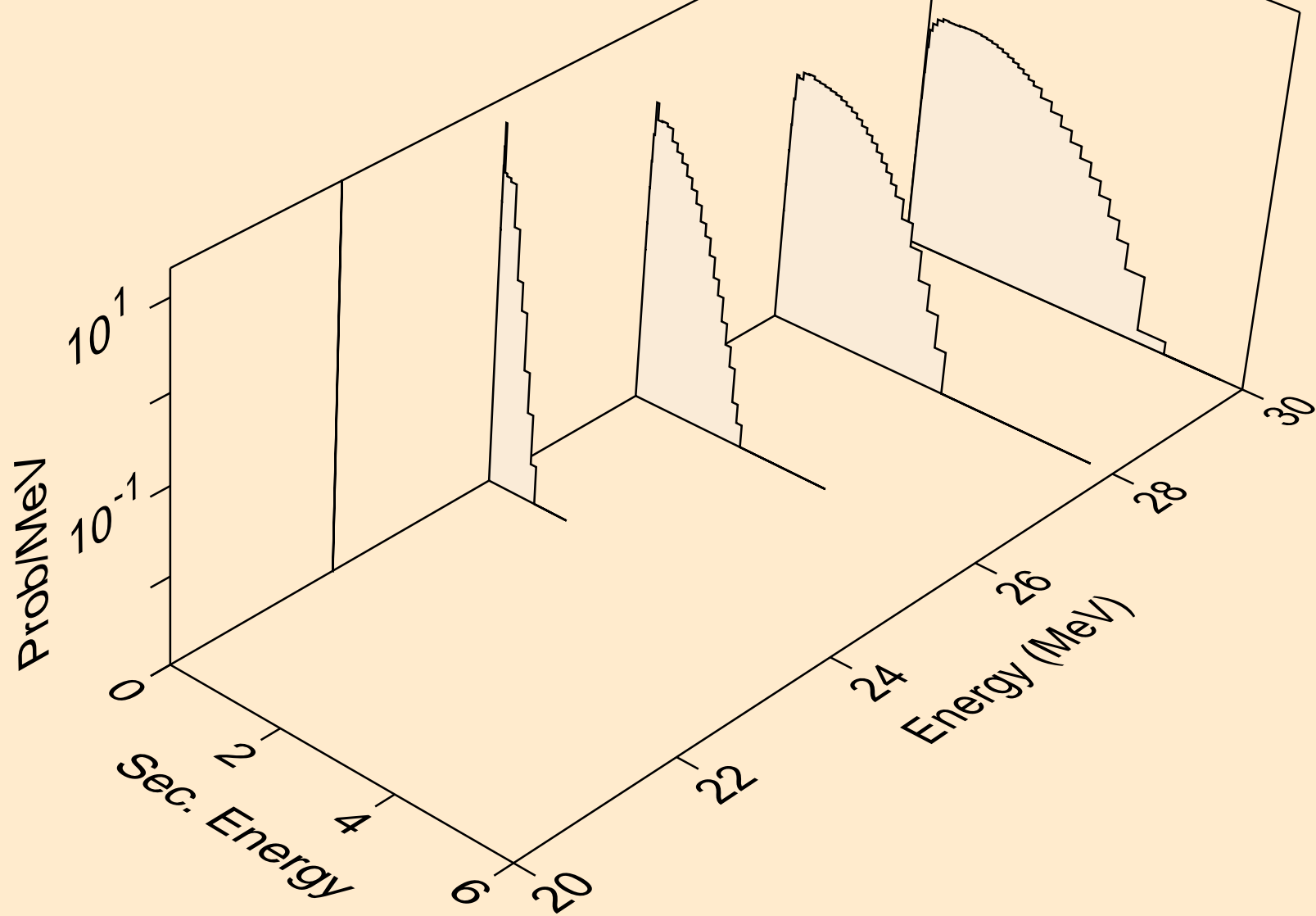
CR050 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)2a



CR050 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)d

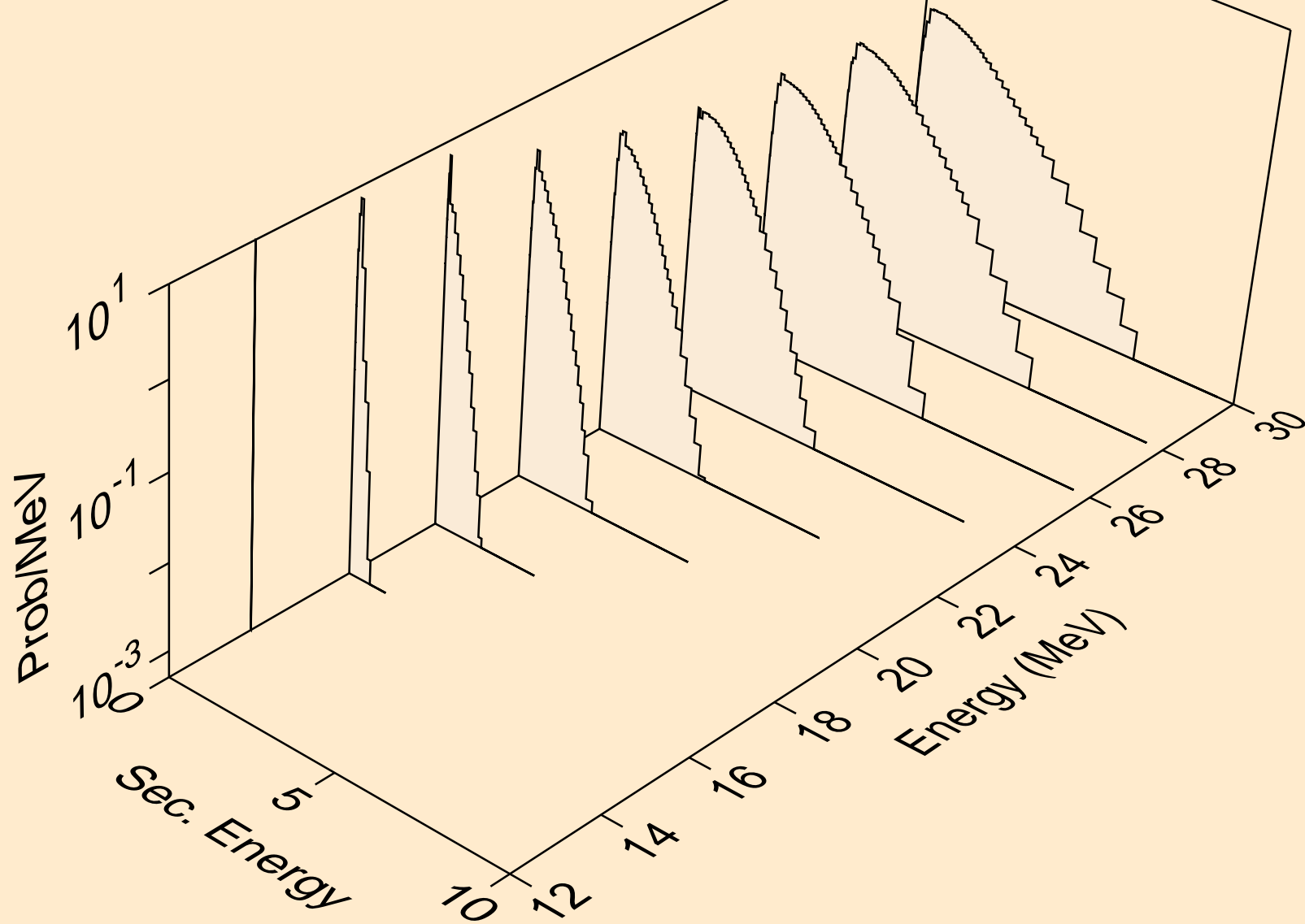


CR050 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)t

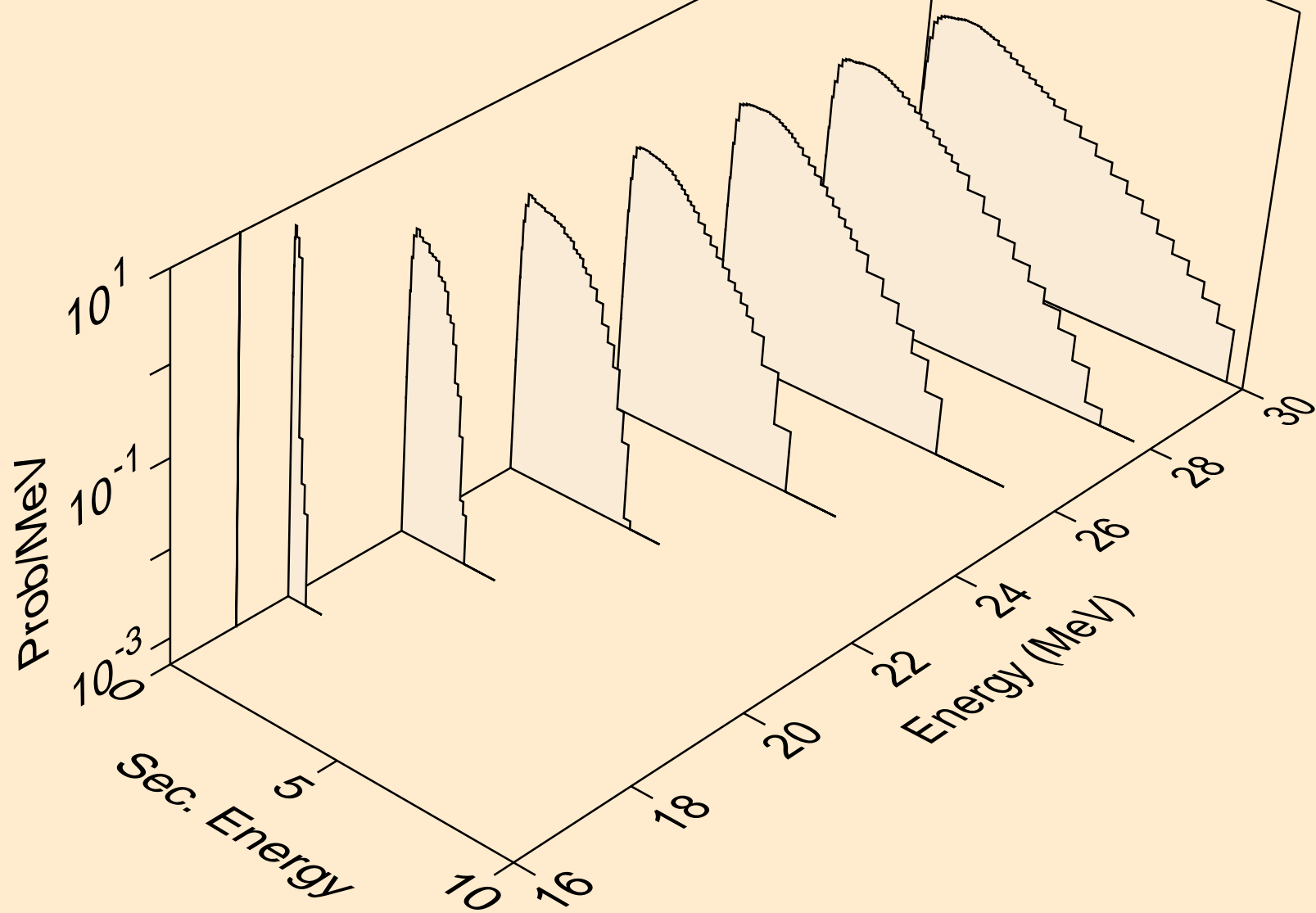




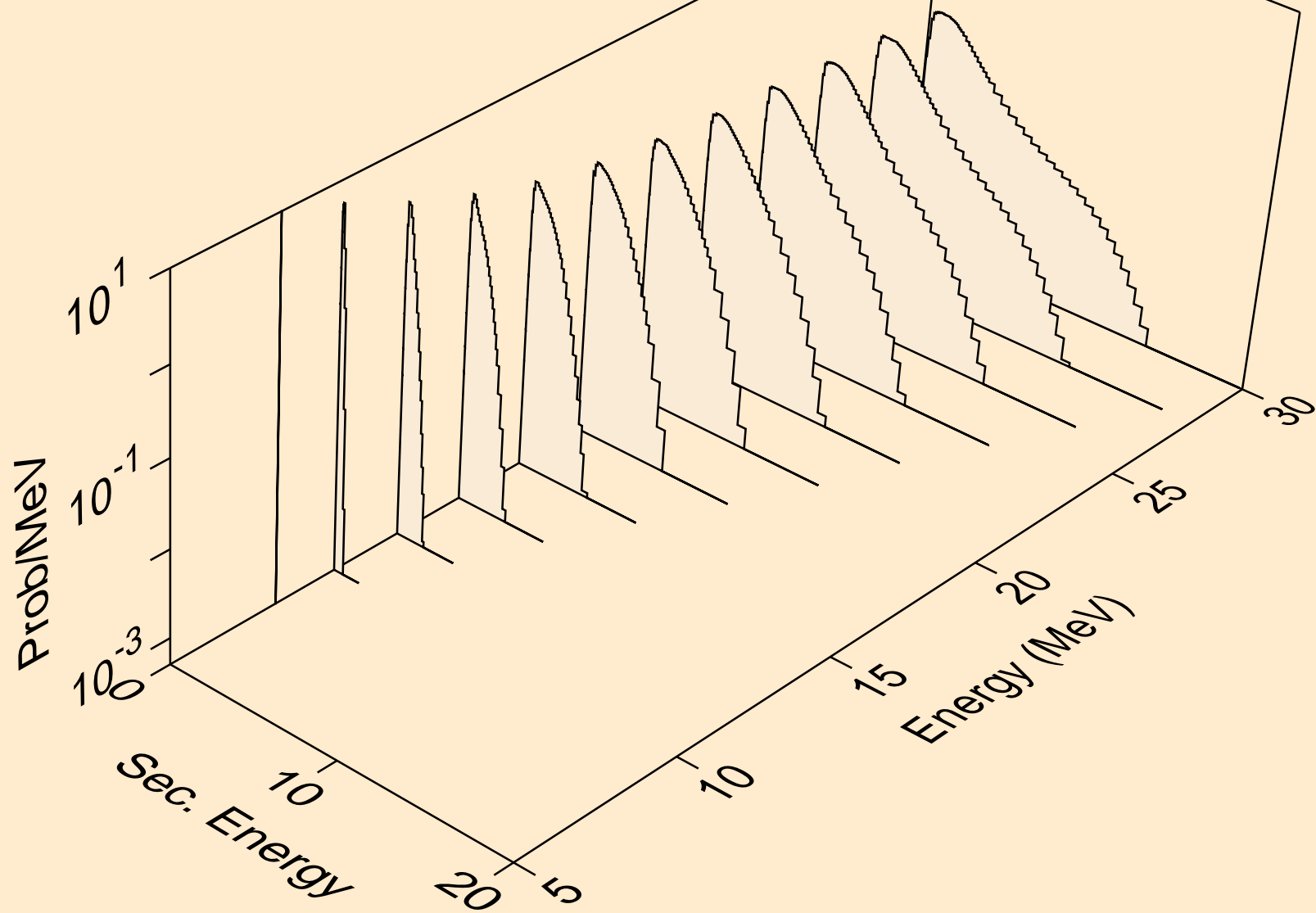
CR050 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



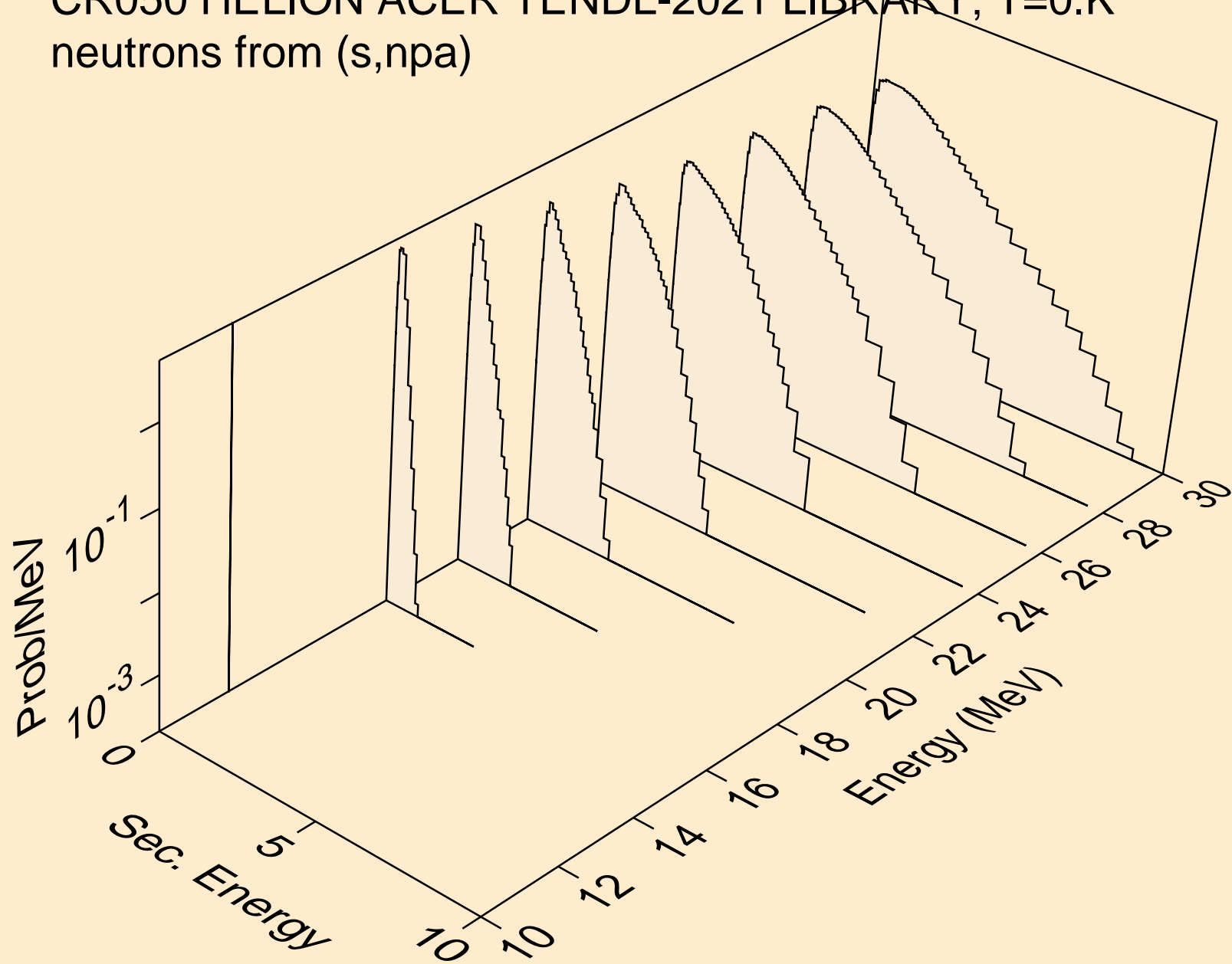
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neutrons from (s,2np)



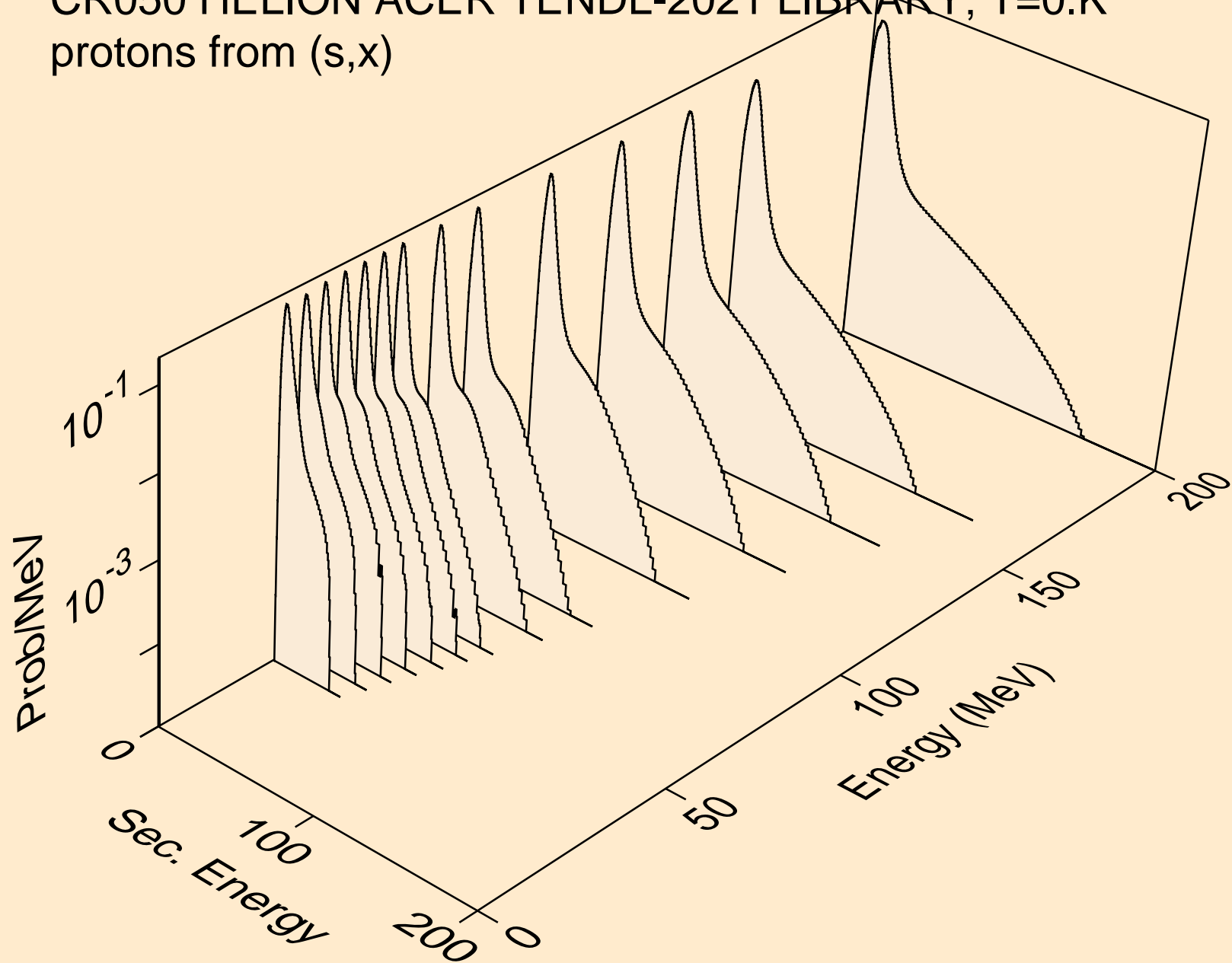
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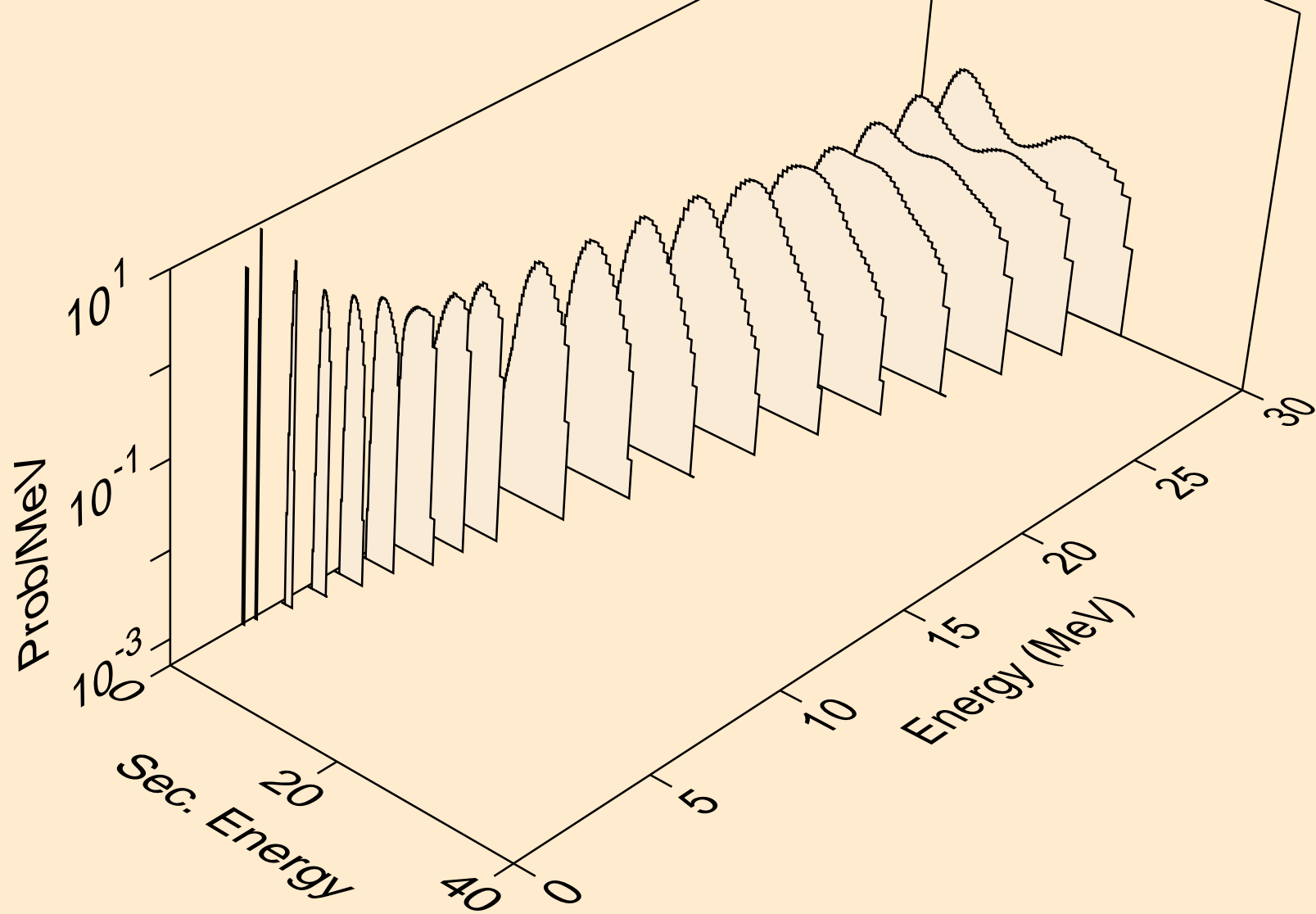
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neutrons from (s,npa)



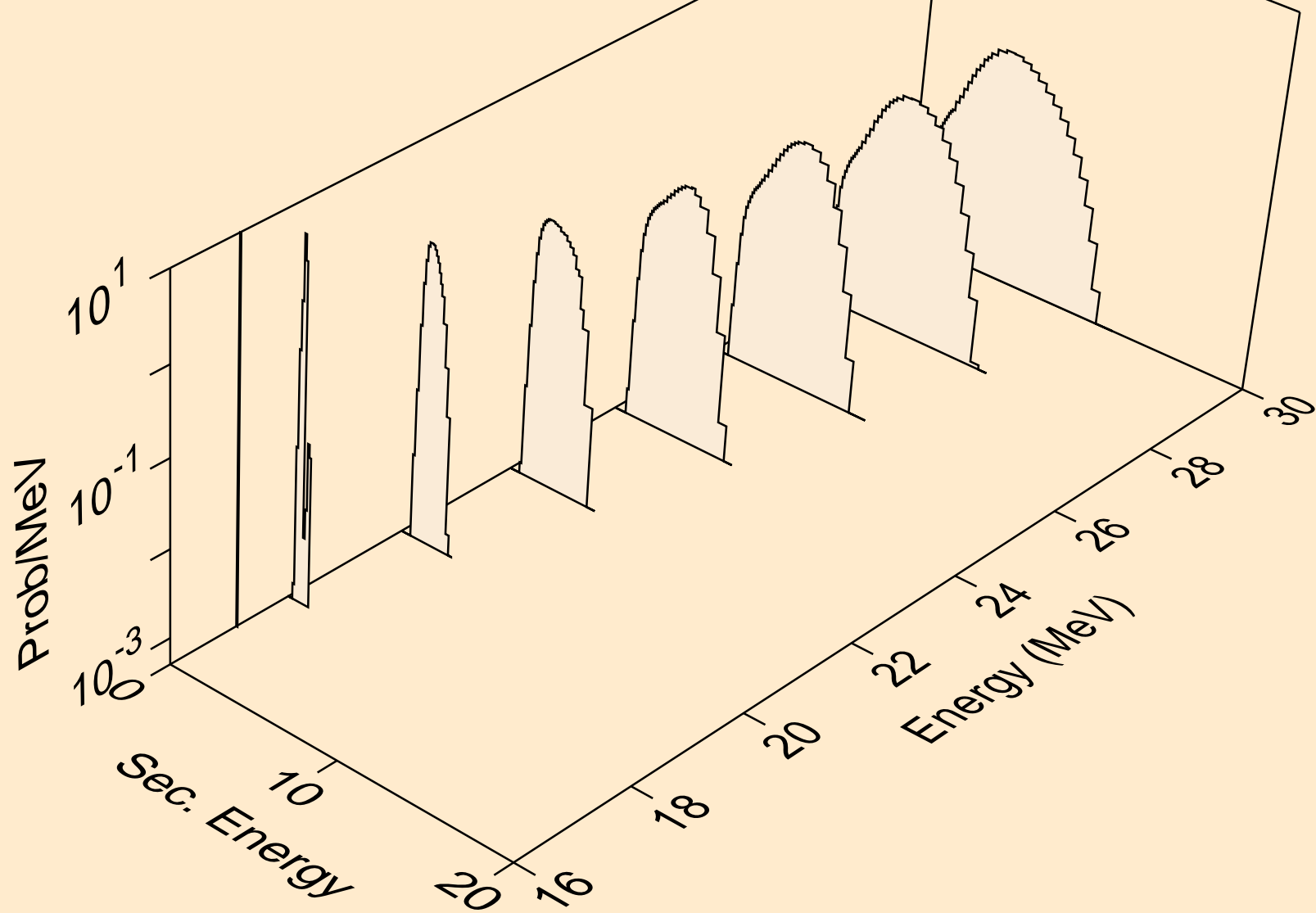
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protons from (s,x)



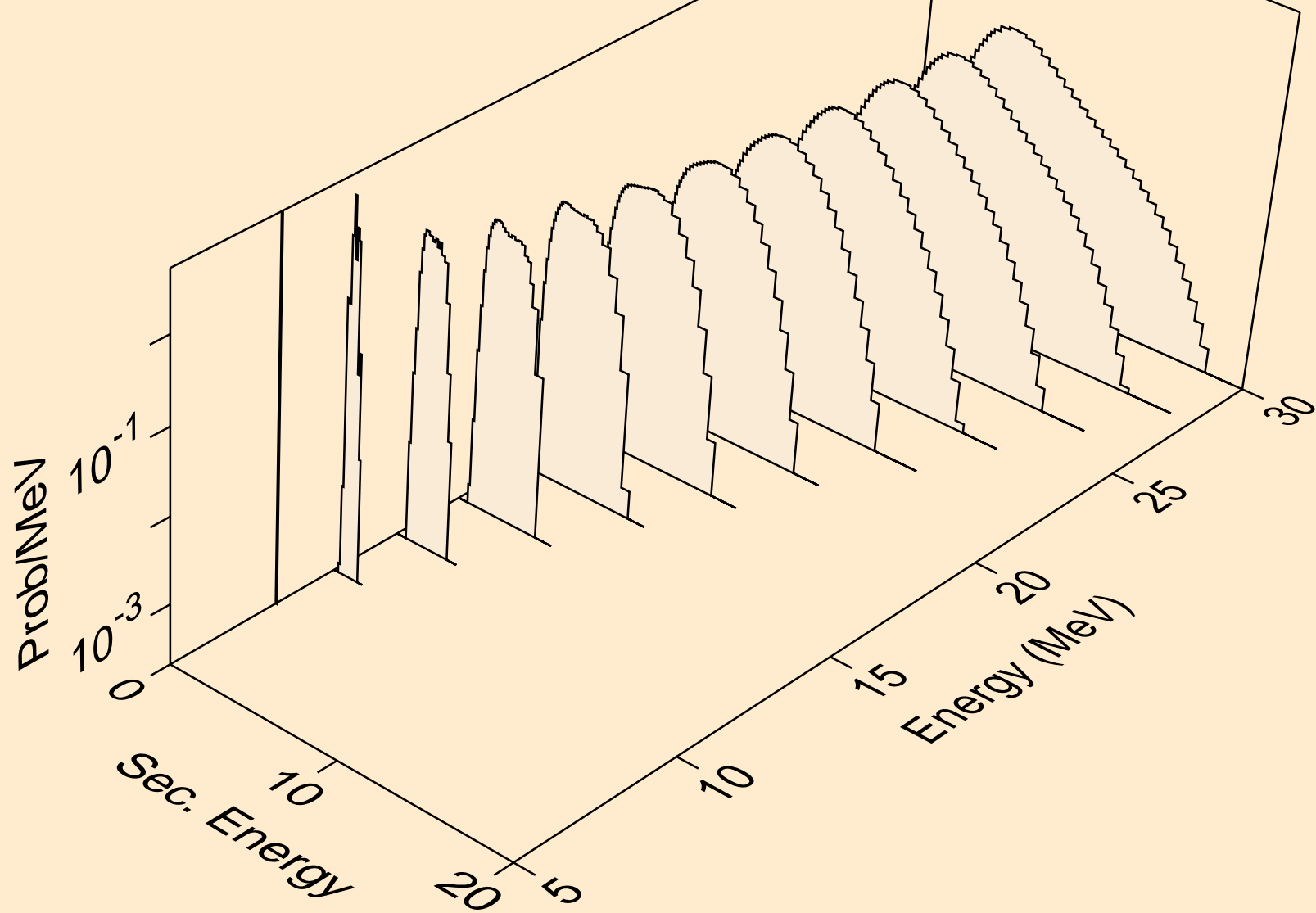
CR050 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,n\*)p



CR050 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2np)

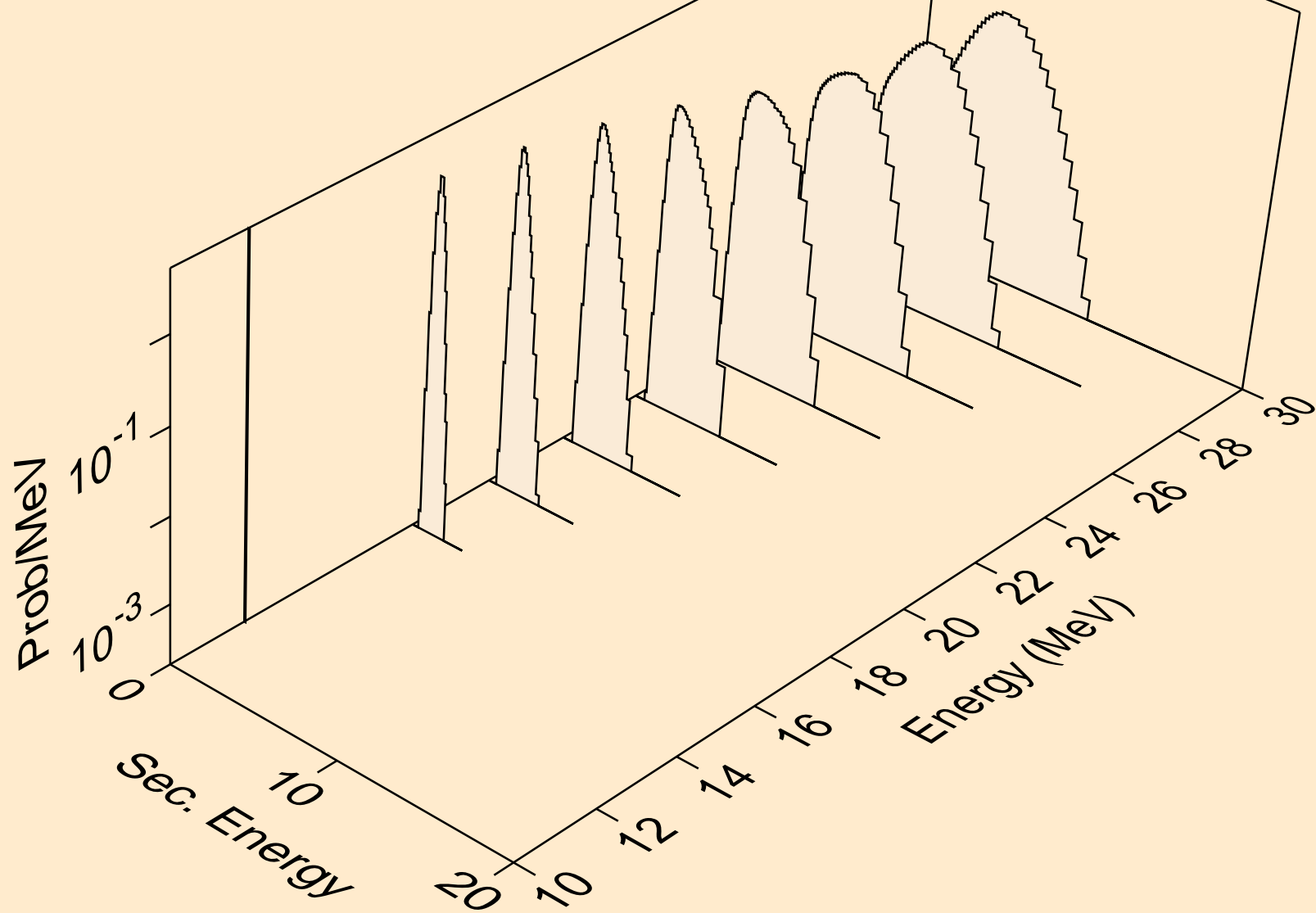


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protons from (s,2np)

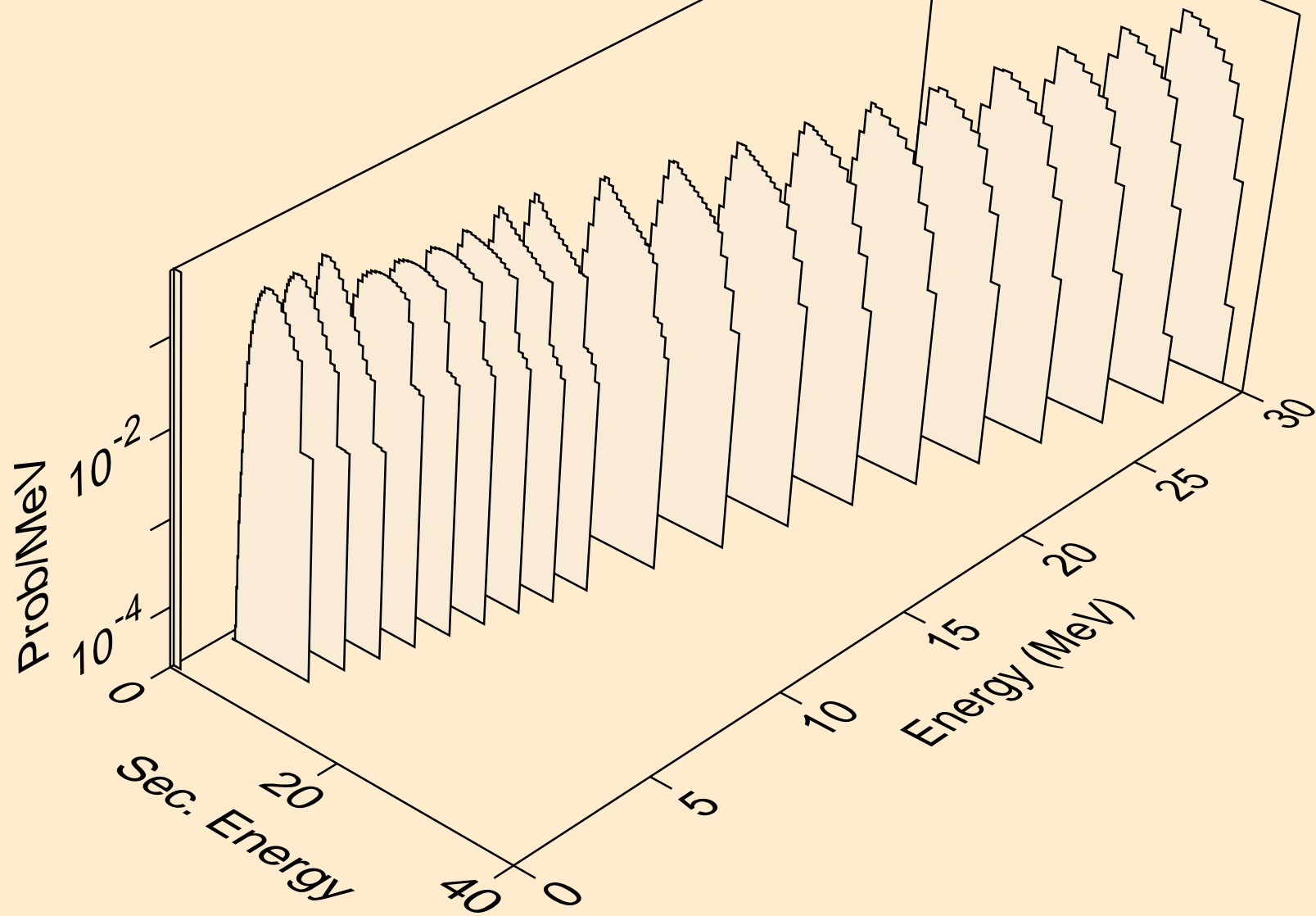




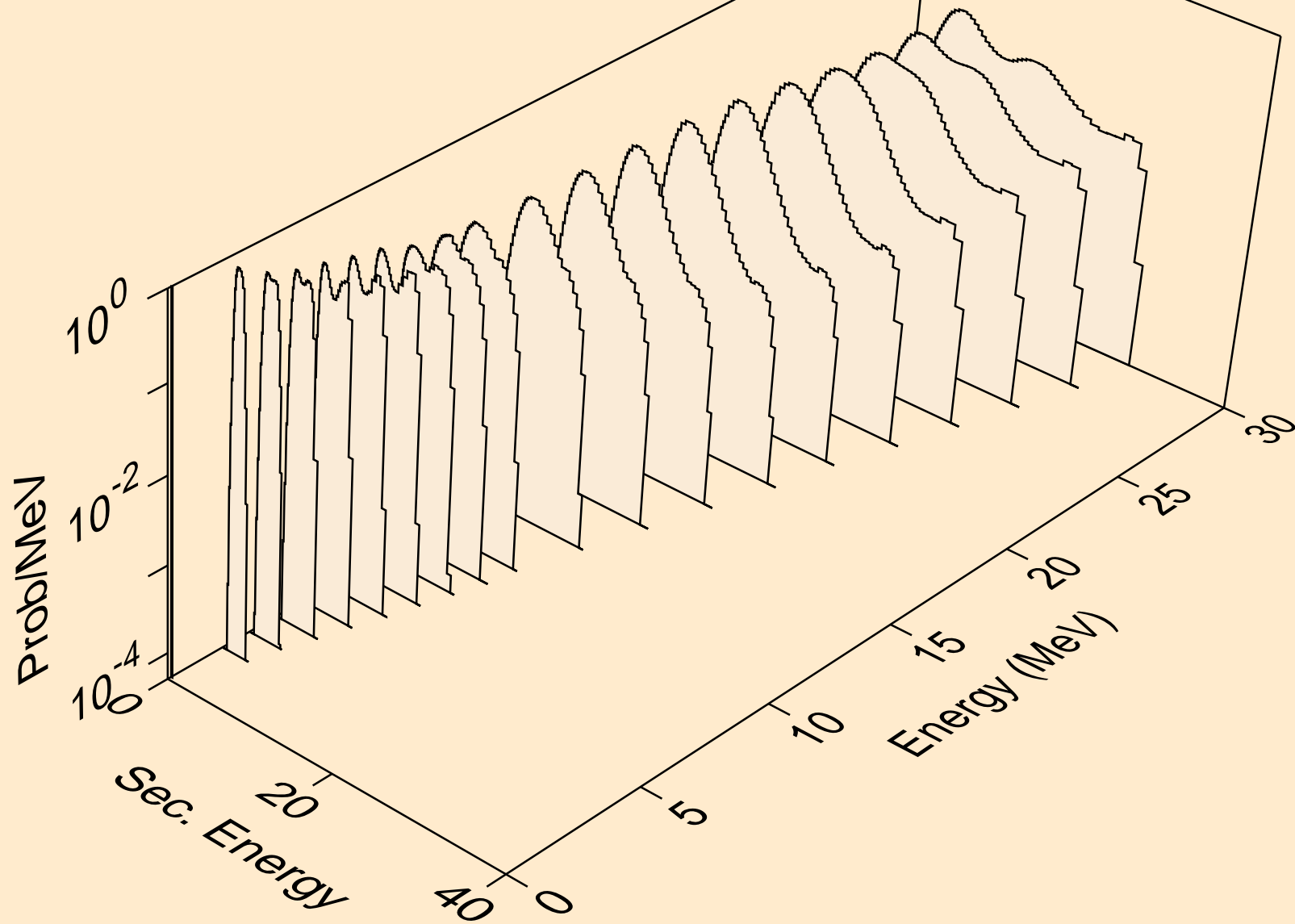
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protons from (s,npa)



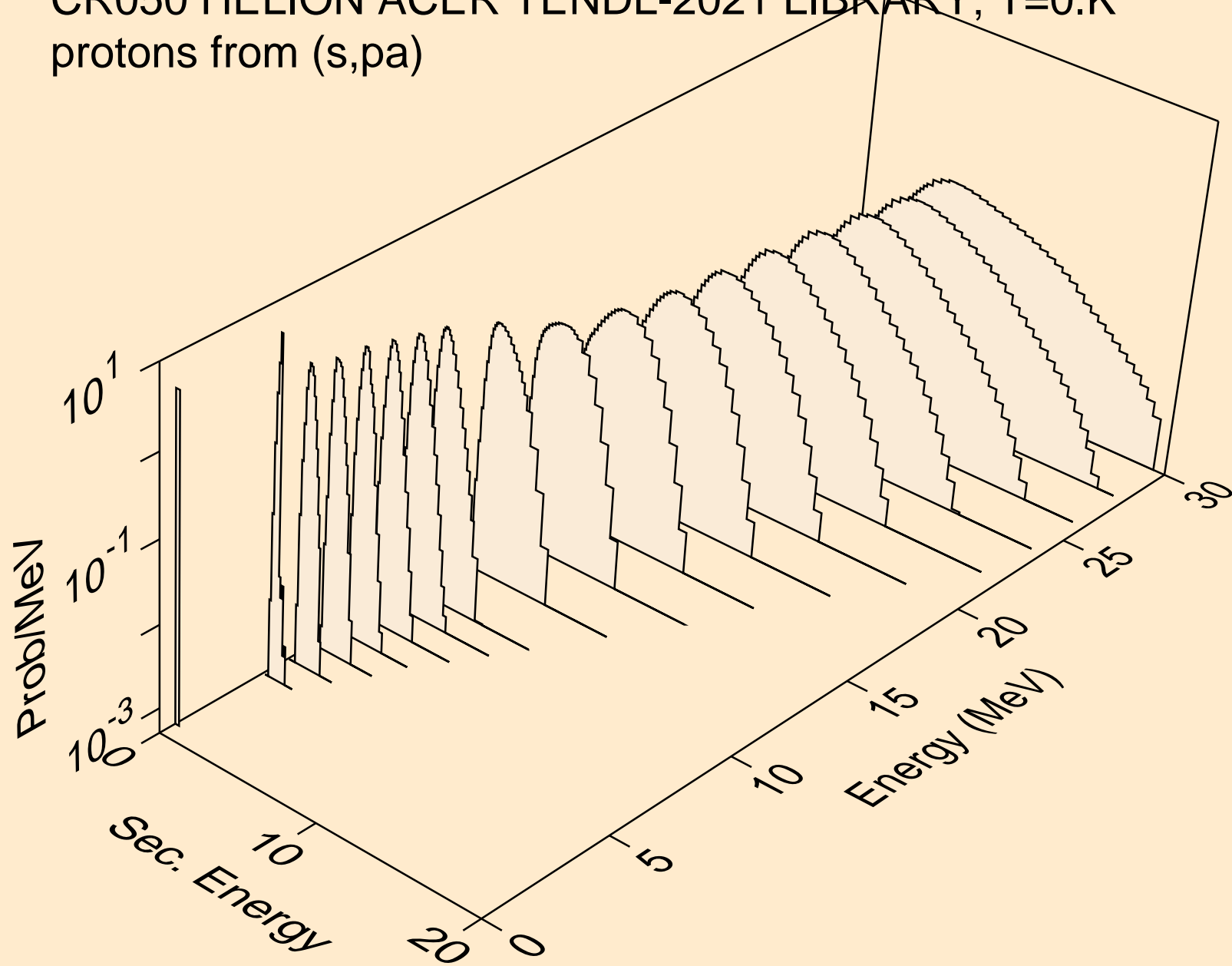
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protons from (s,p)



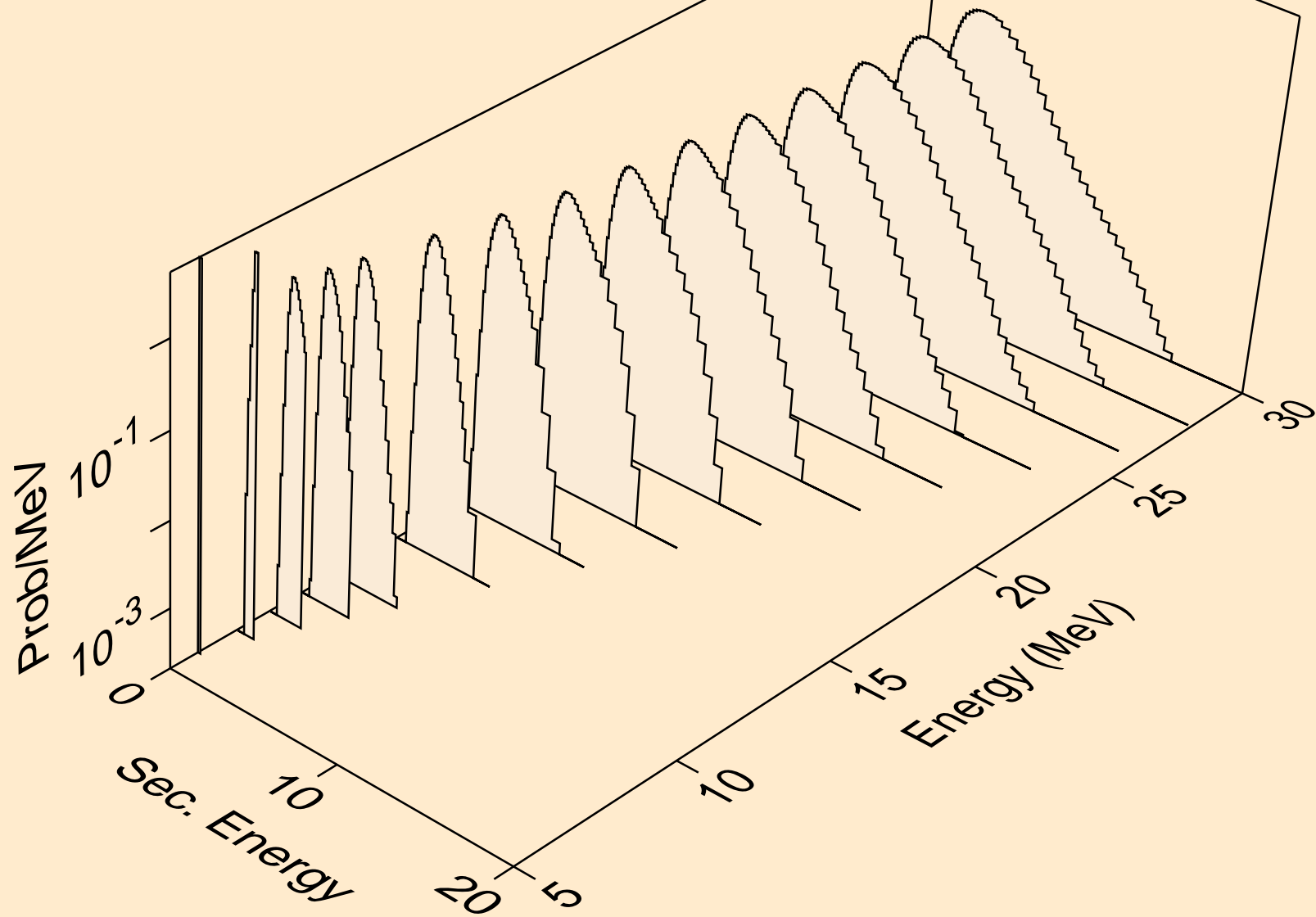
CR050 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2p)



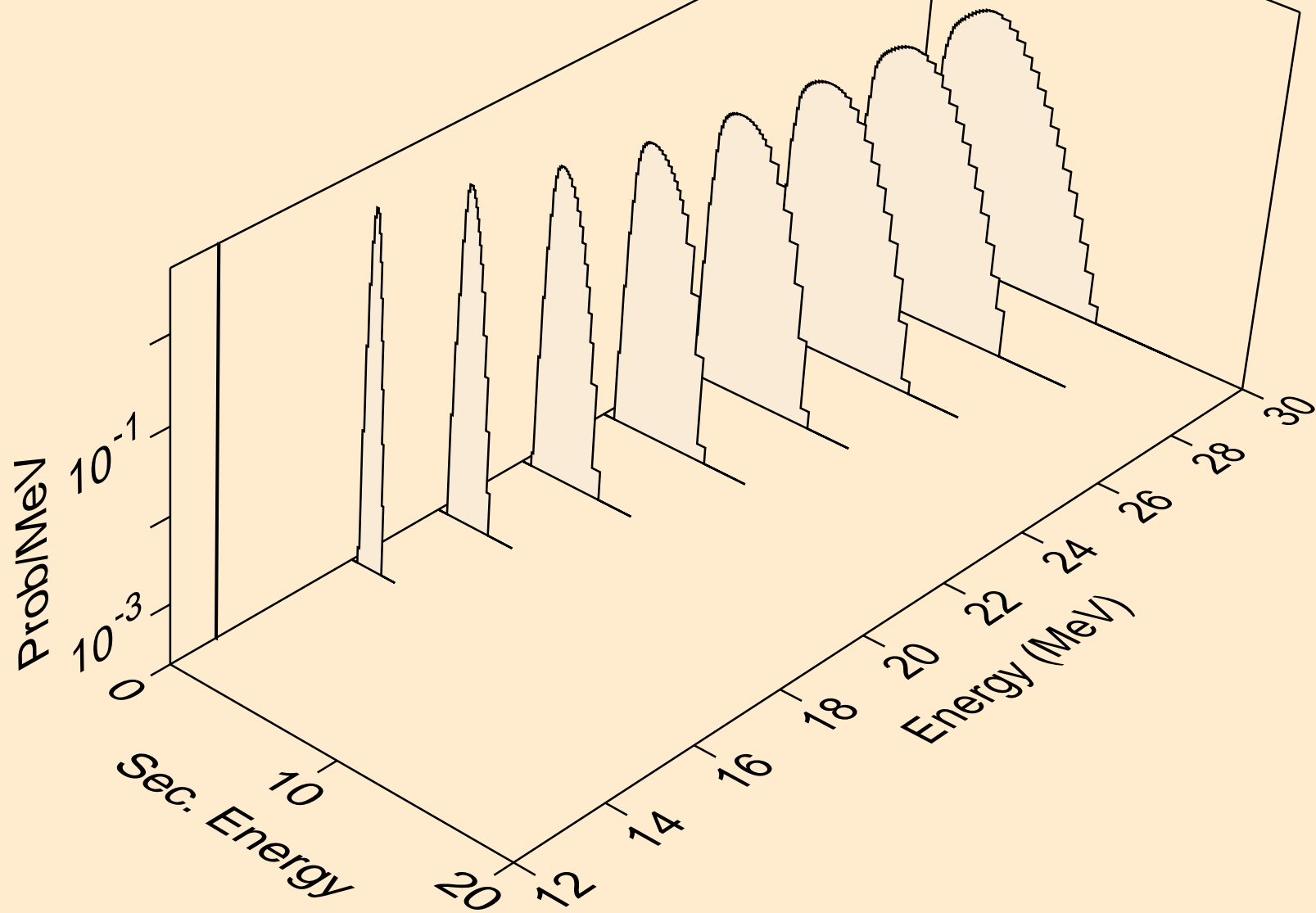
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protons from (s,pa)



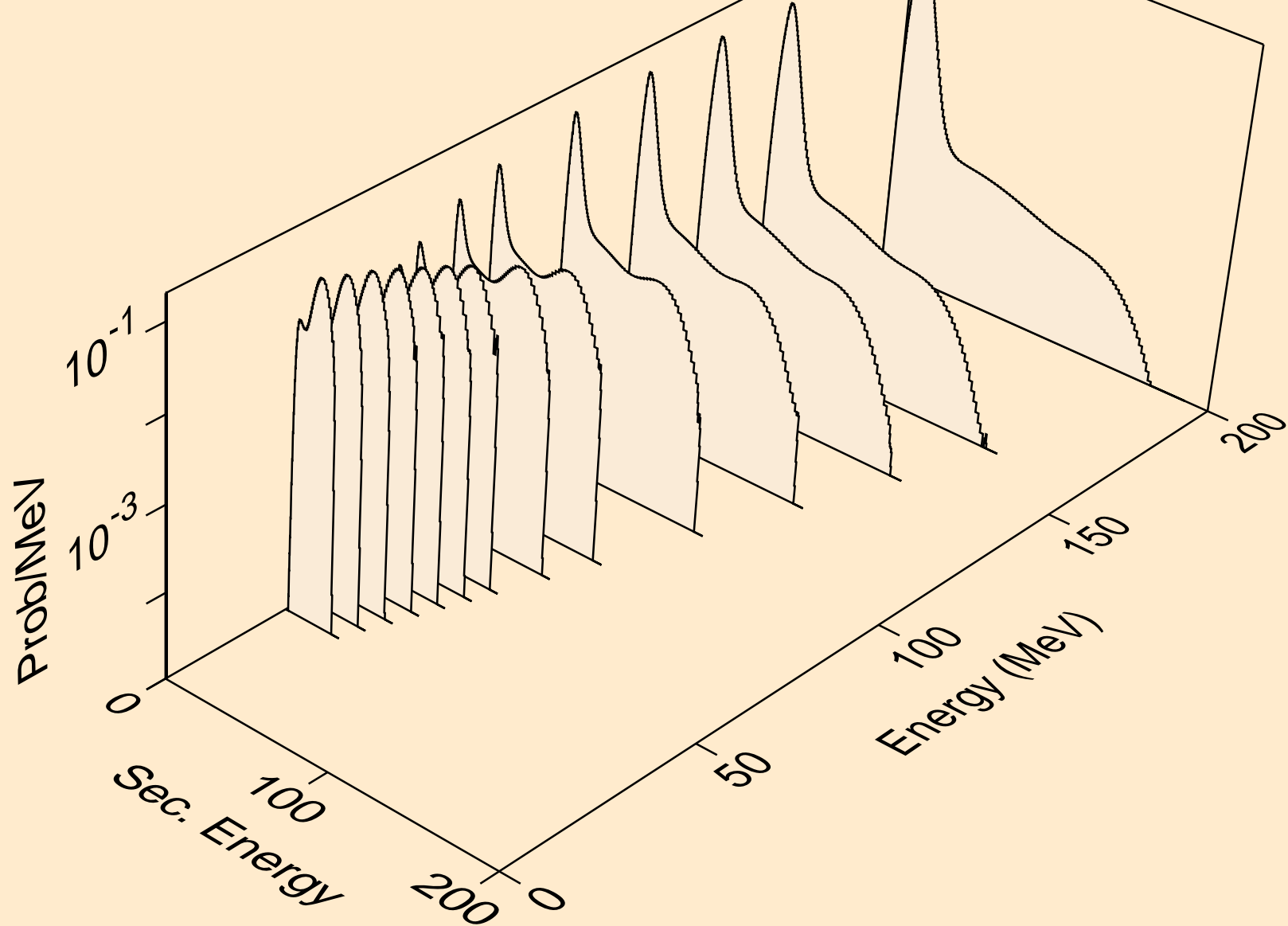
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protons from (s,pd)



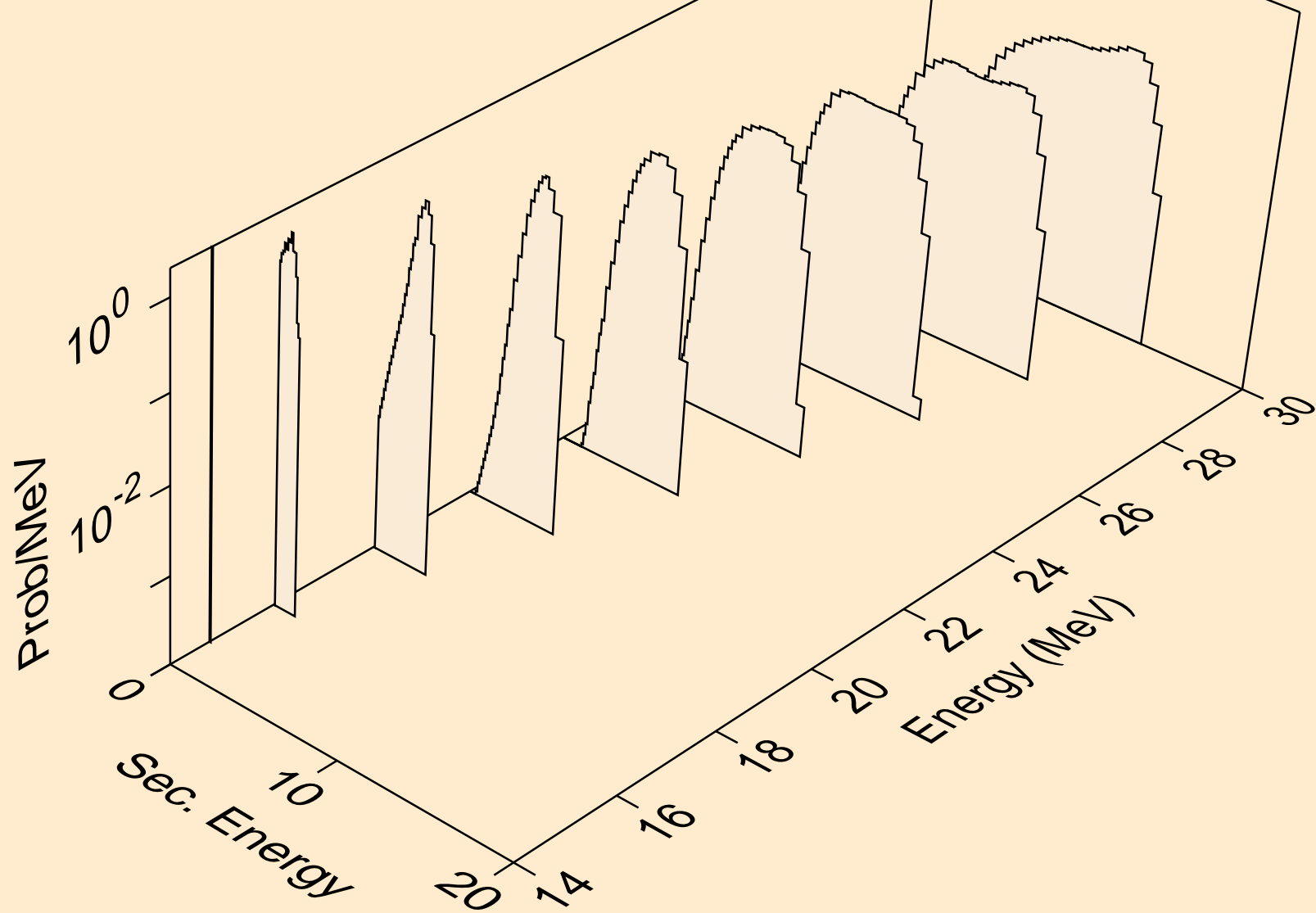
CR050 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pt)



CR050 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,x)

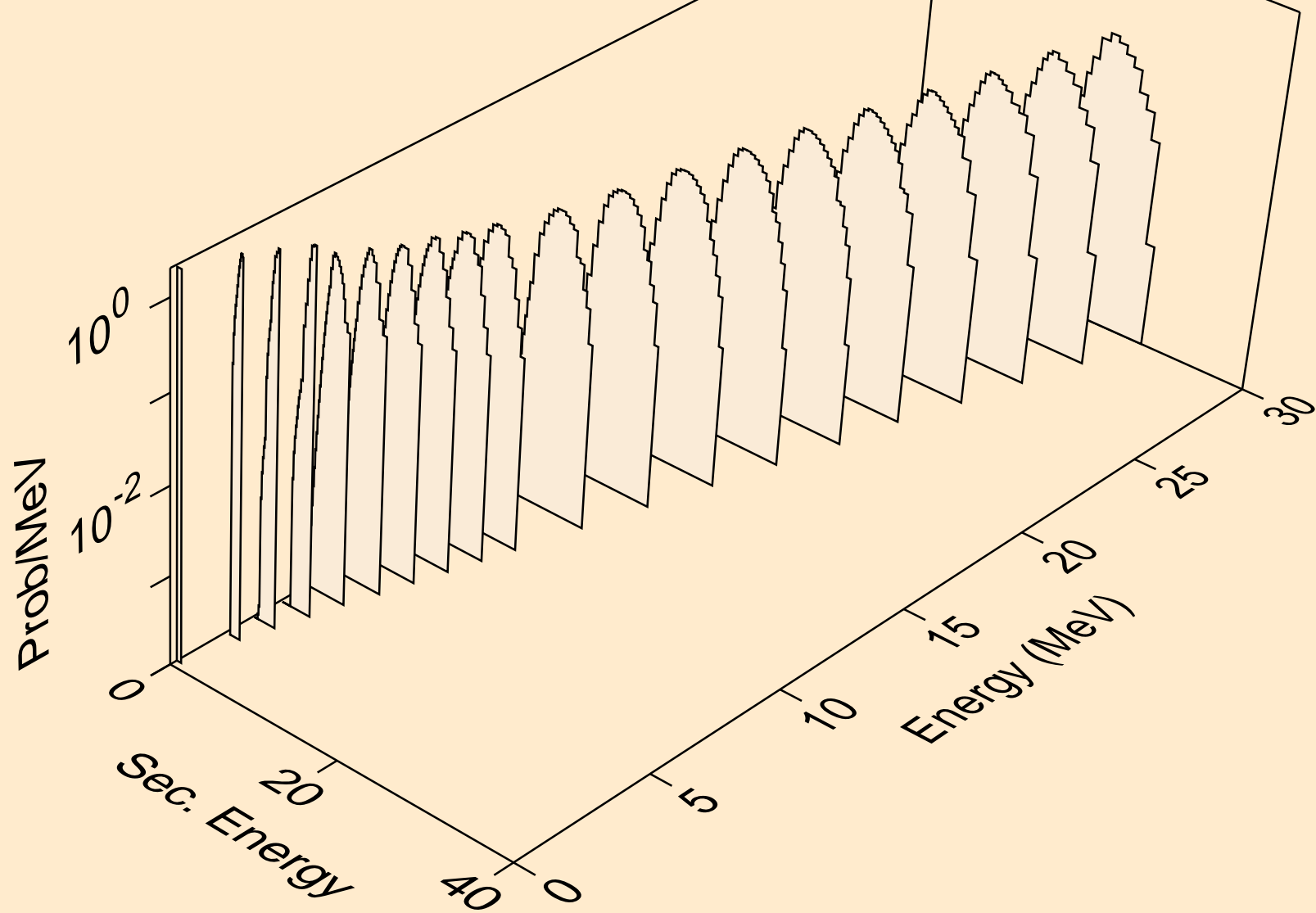


CR050 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,n\*)d

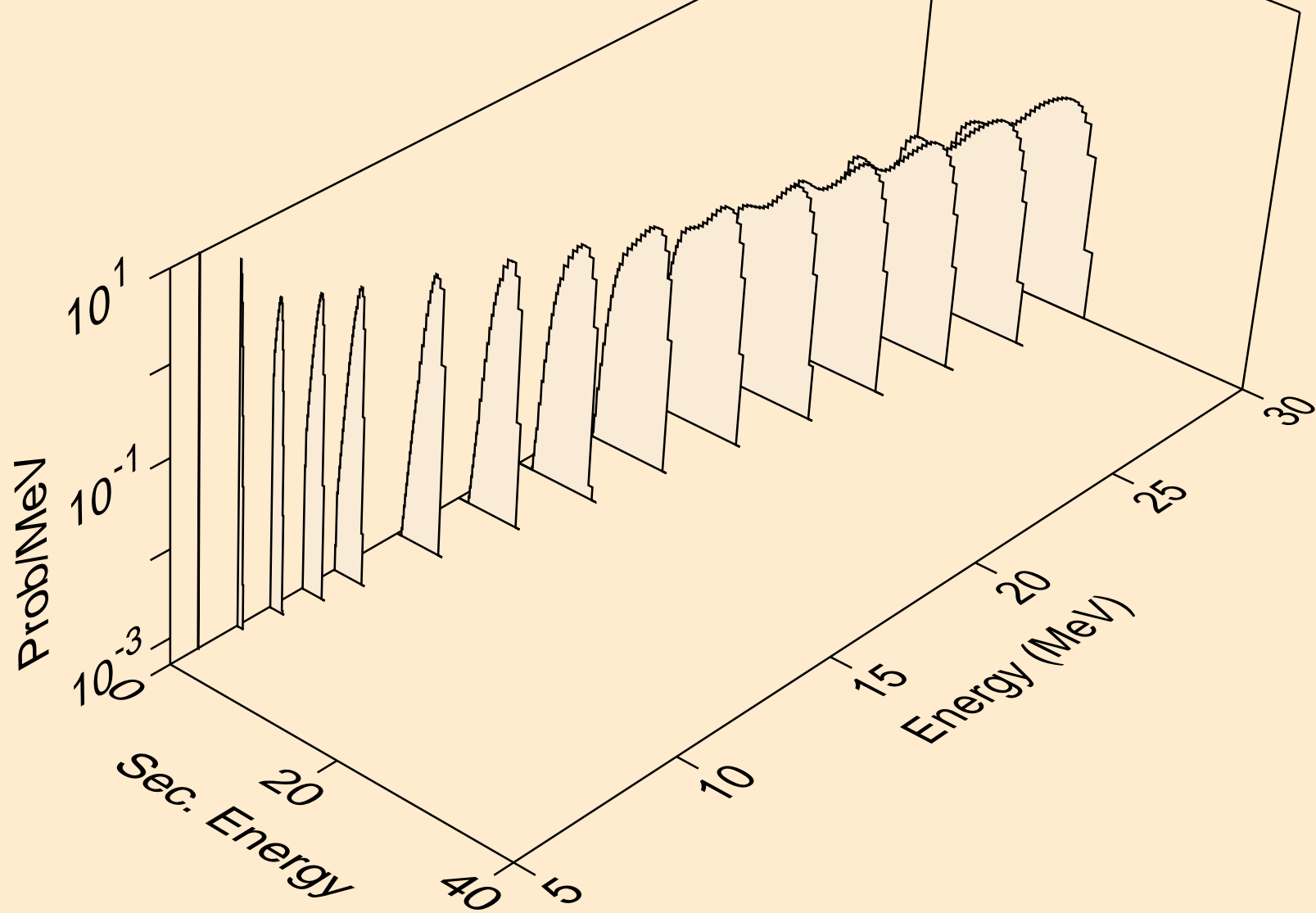




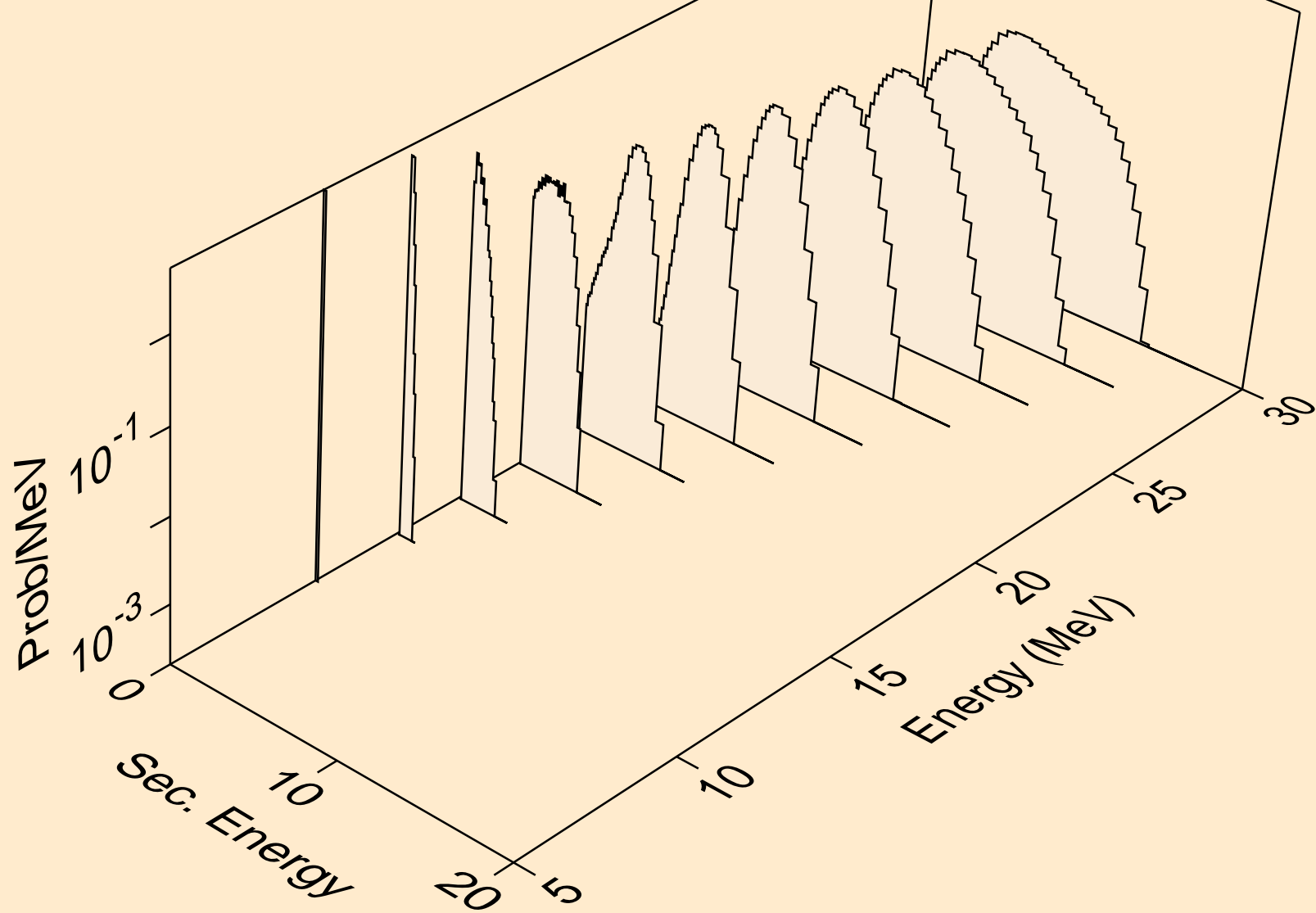
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deuterons from (s,d)



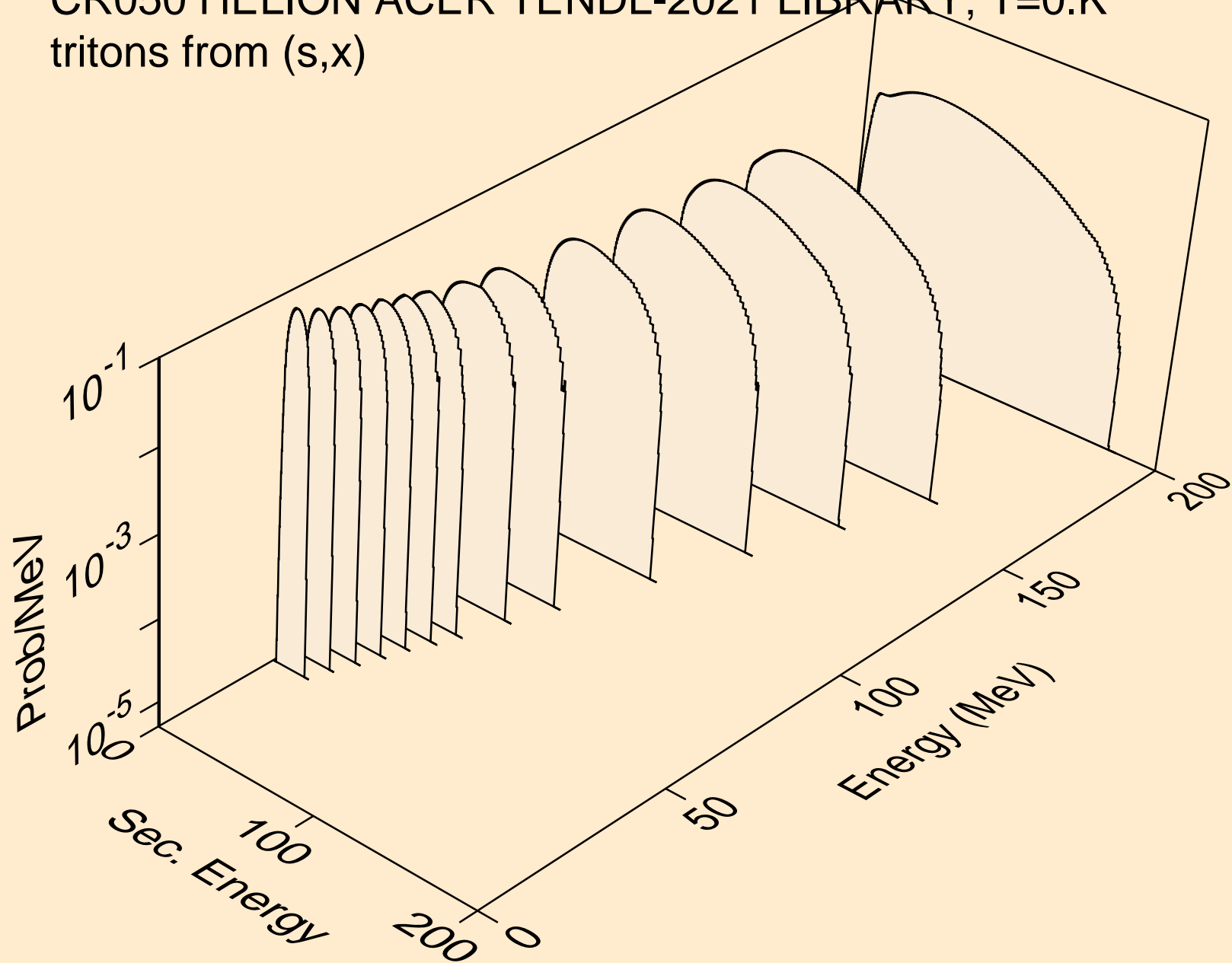
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deuterons from (s,pd)



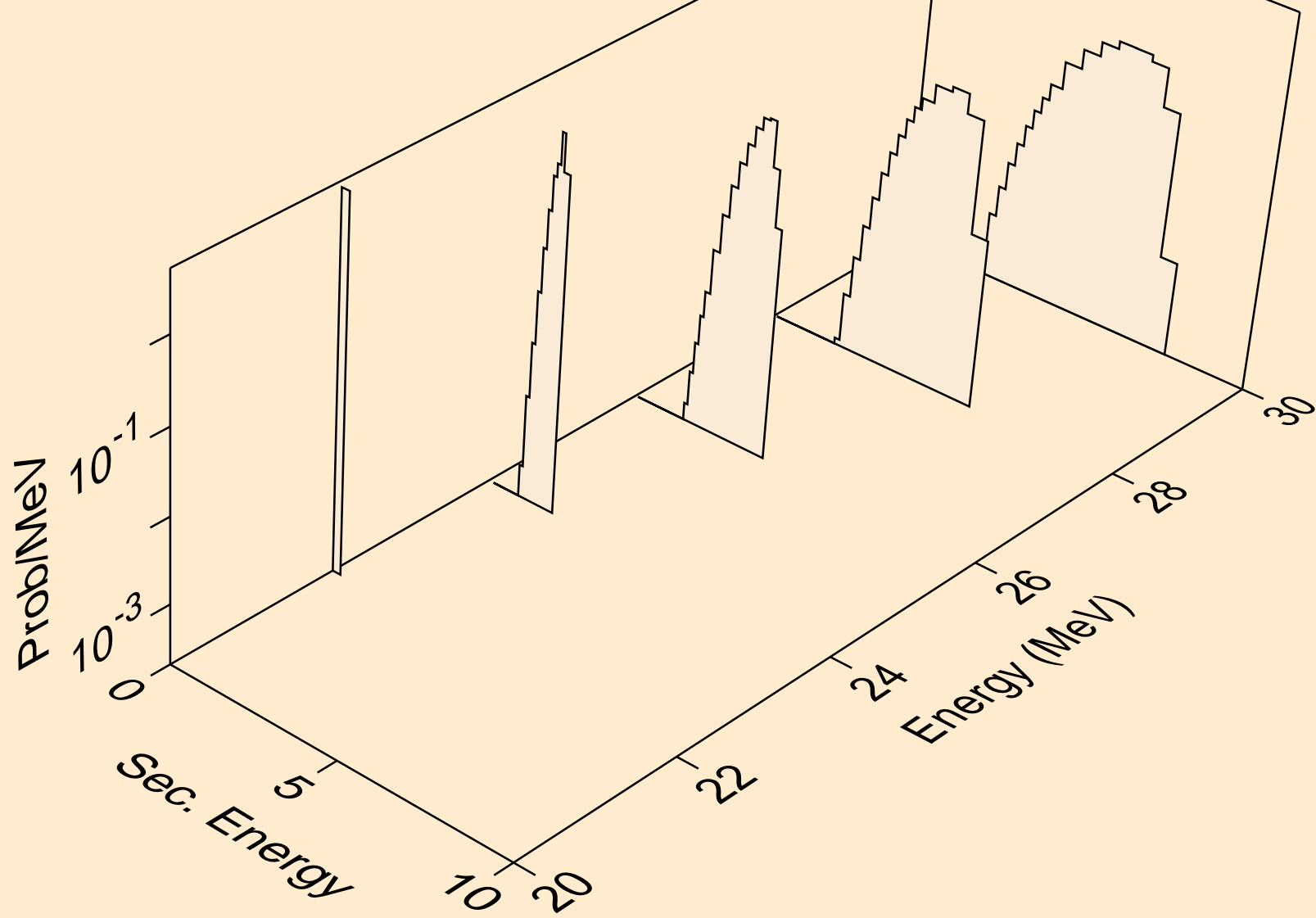
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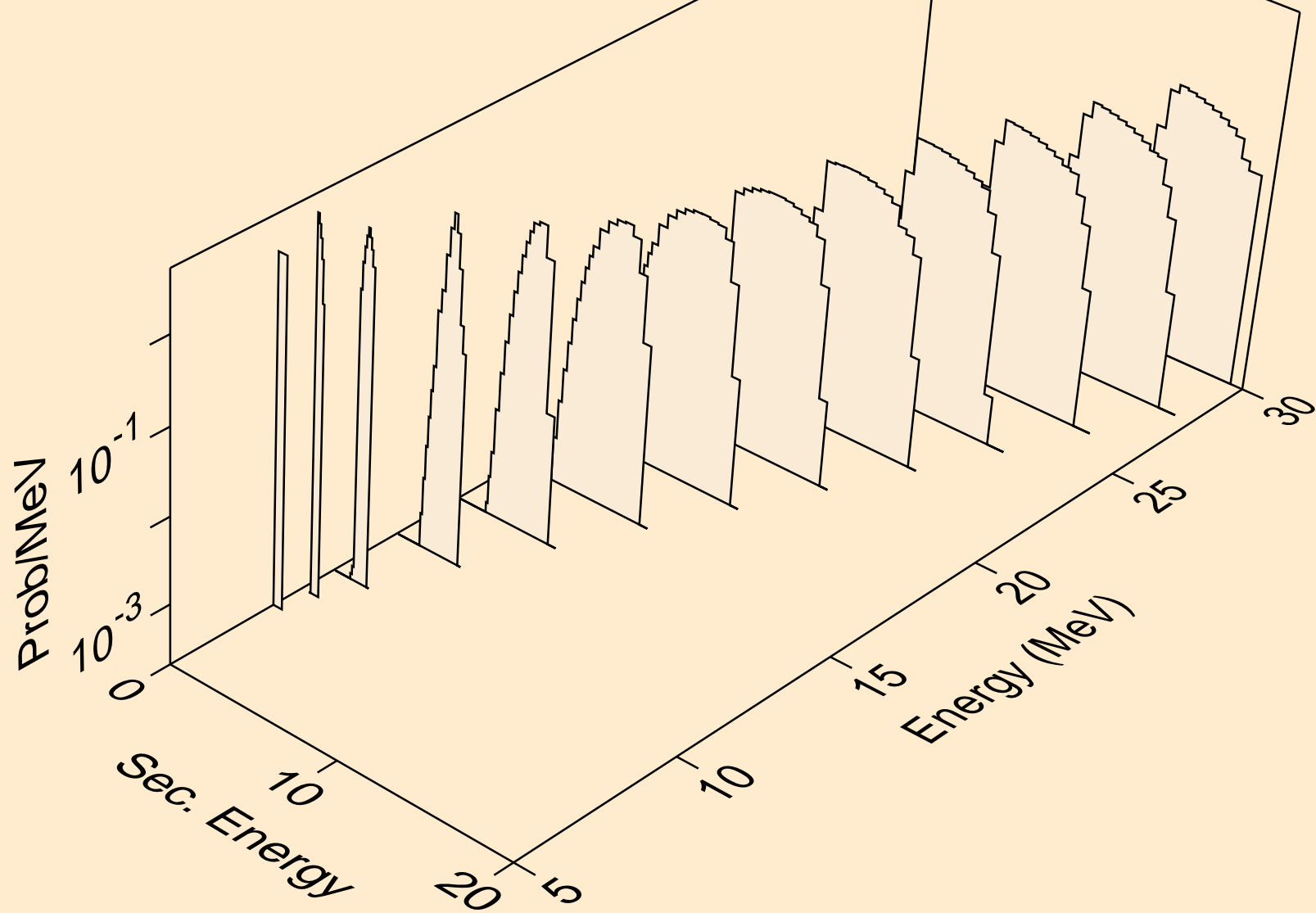
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tritons from (s,x)



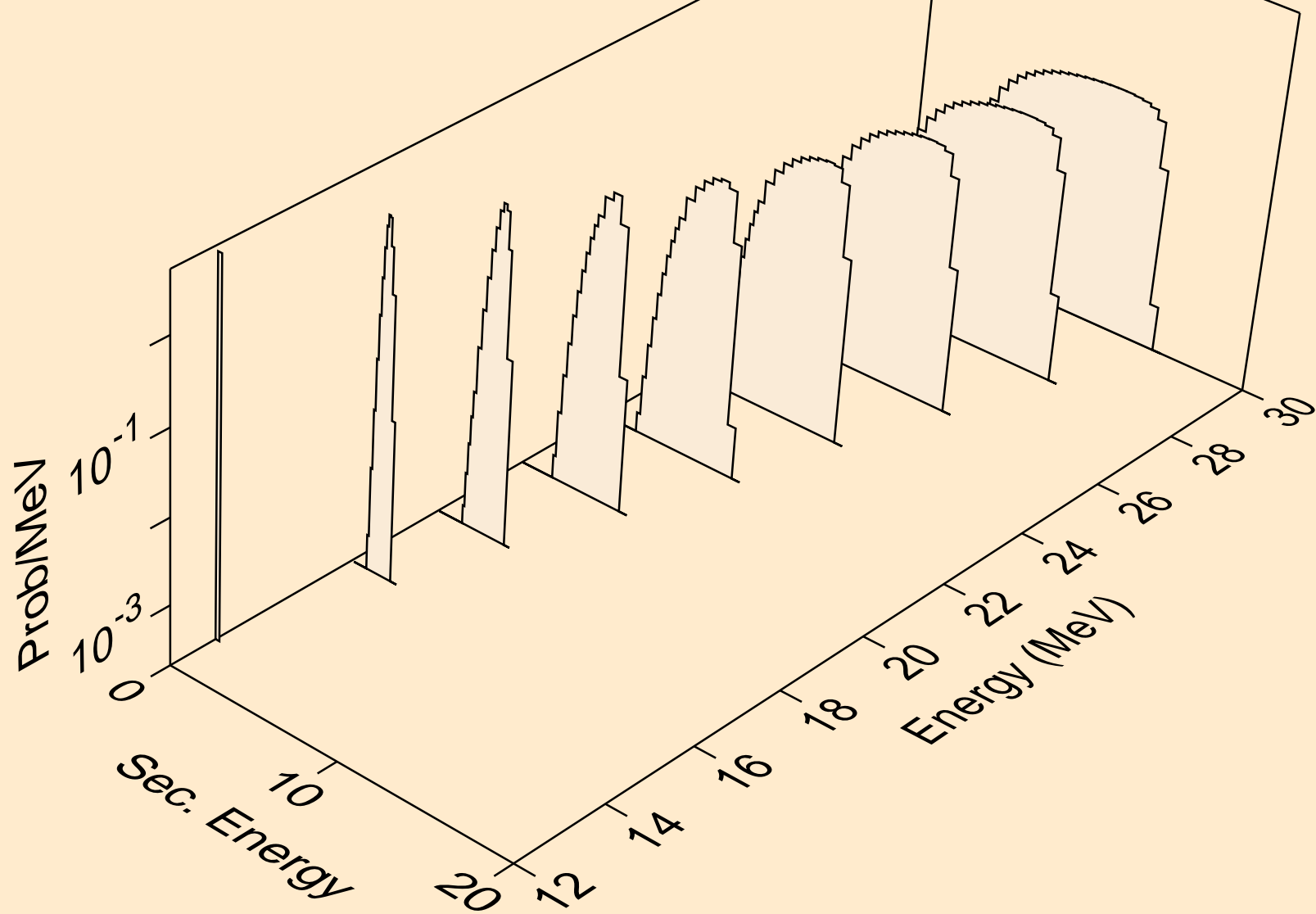
CR050 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,n\*)t



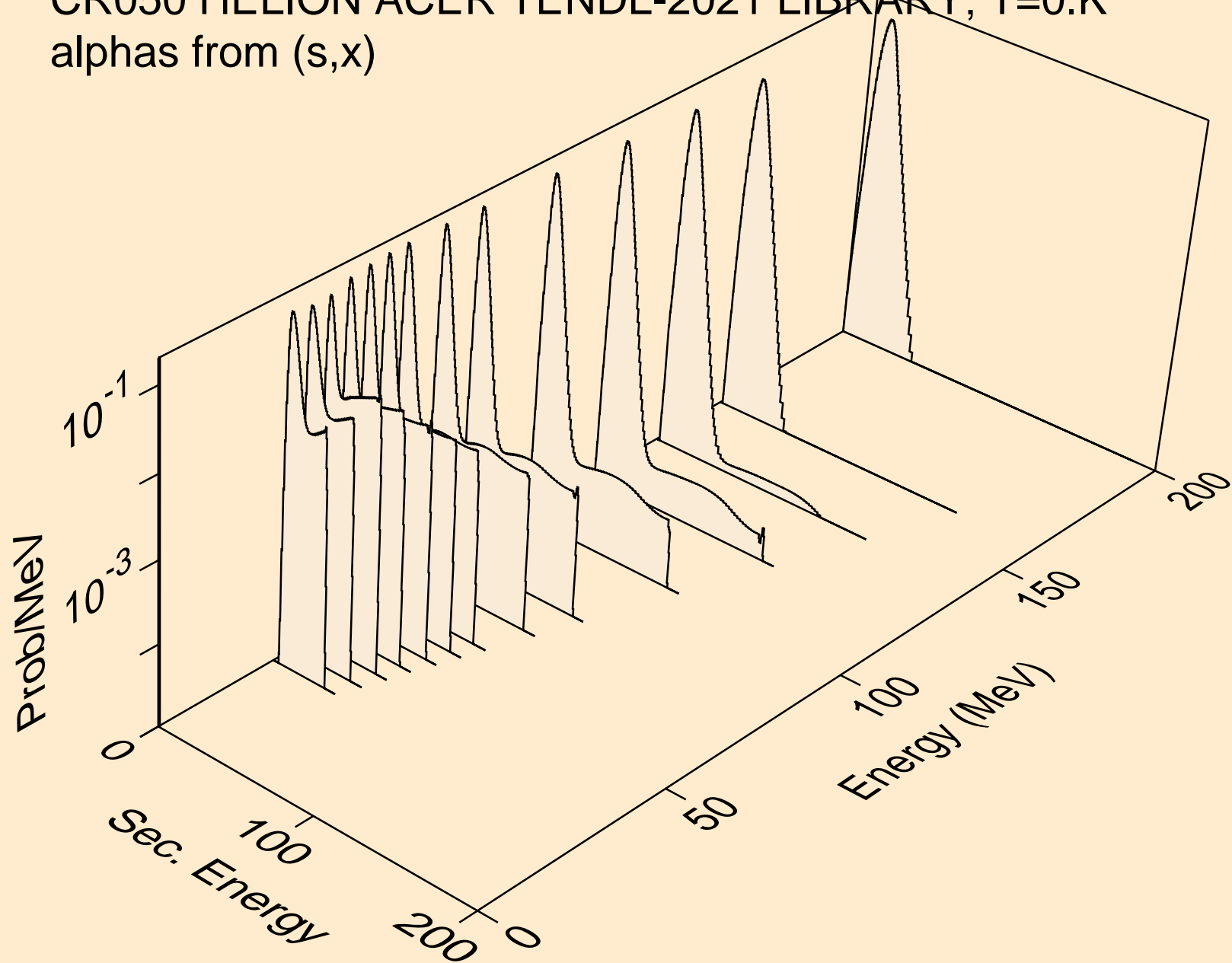
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tritons from (s,t)



CR050 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,pt)

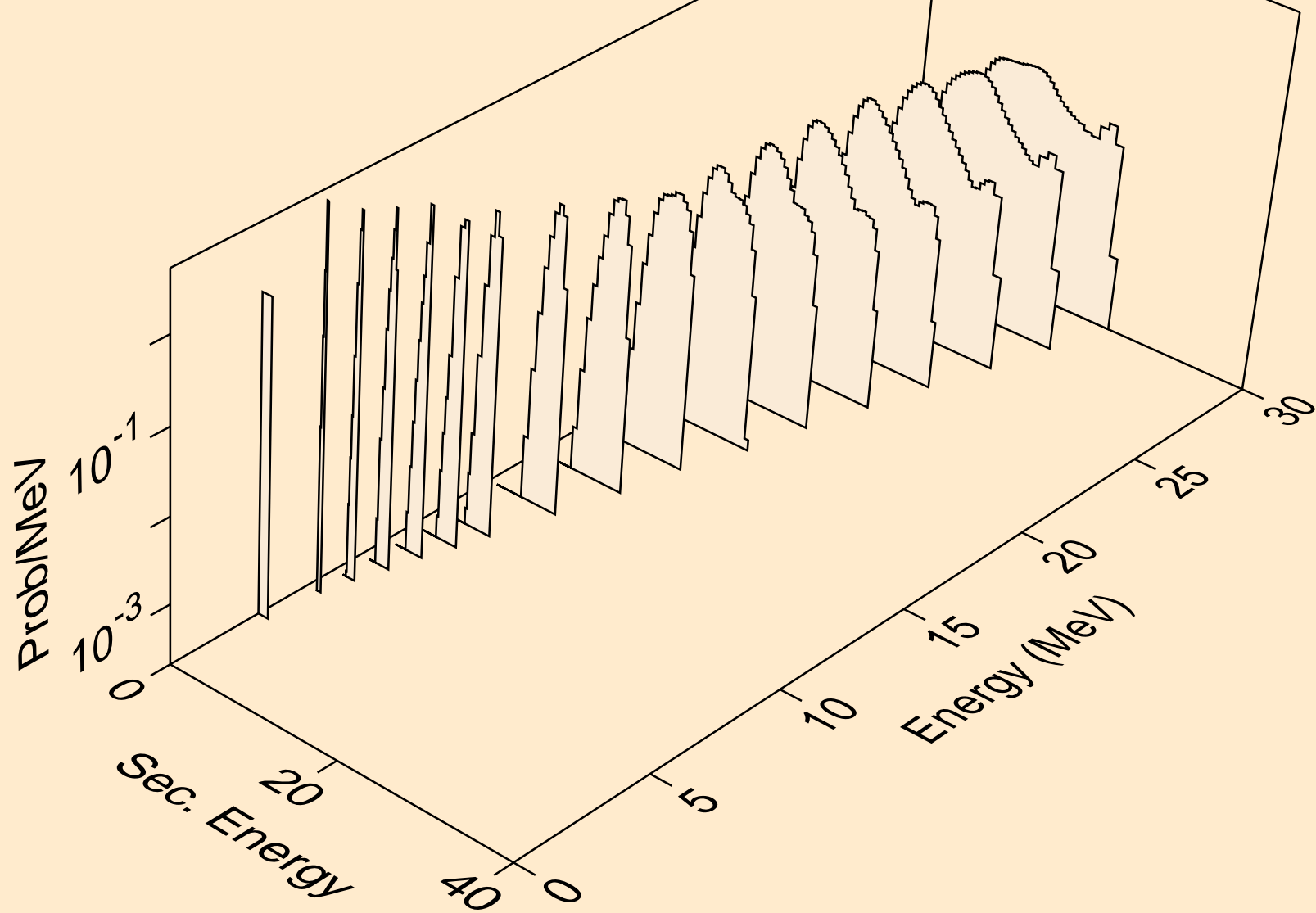


CR050 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,x)

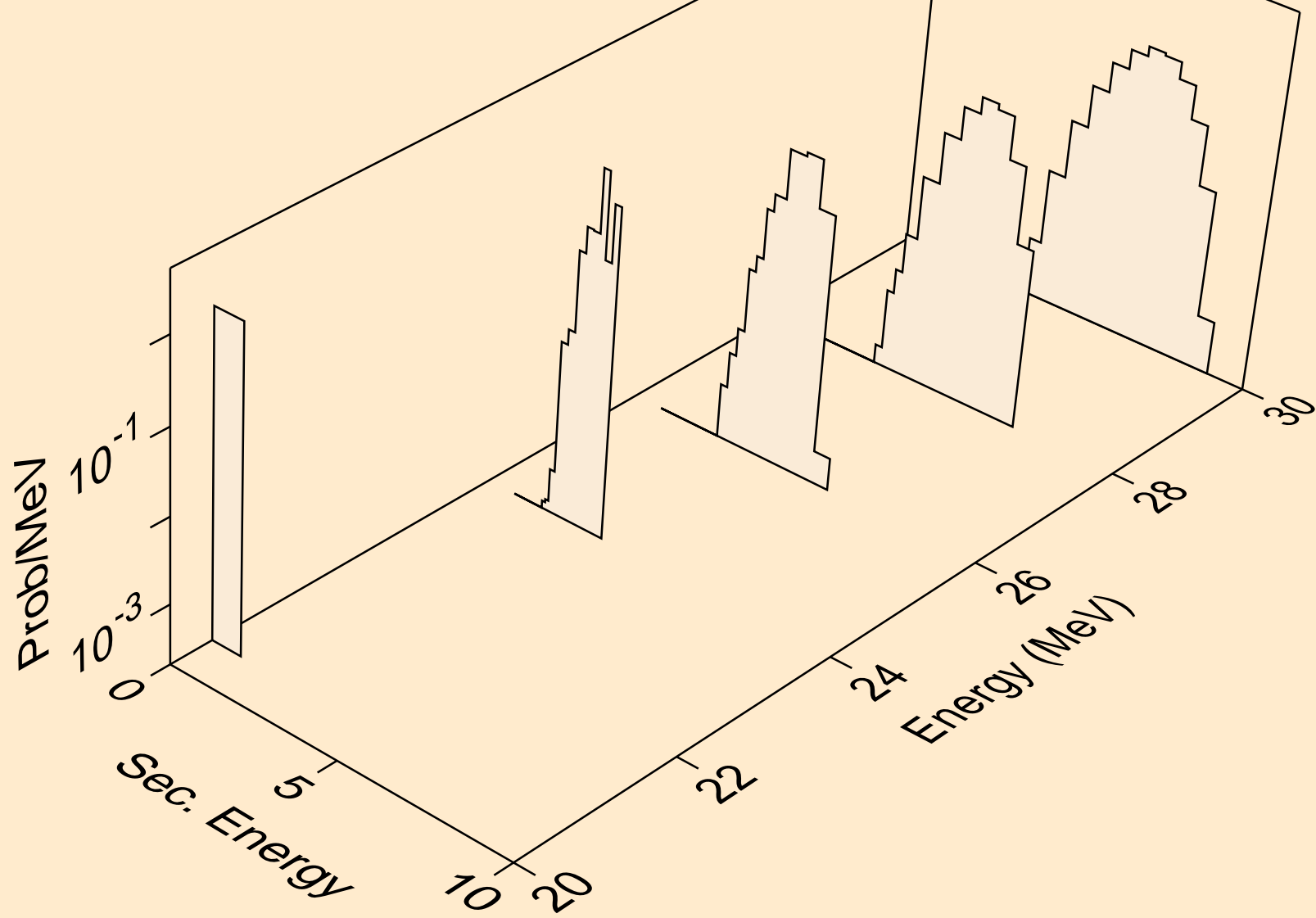




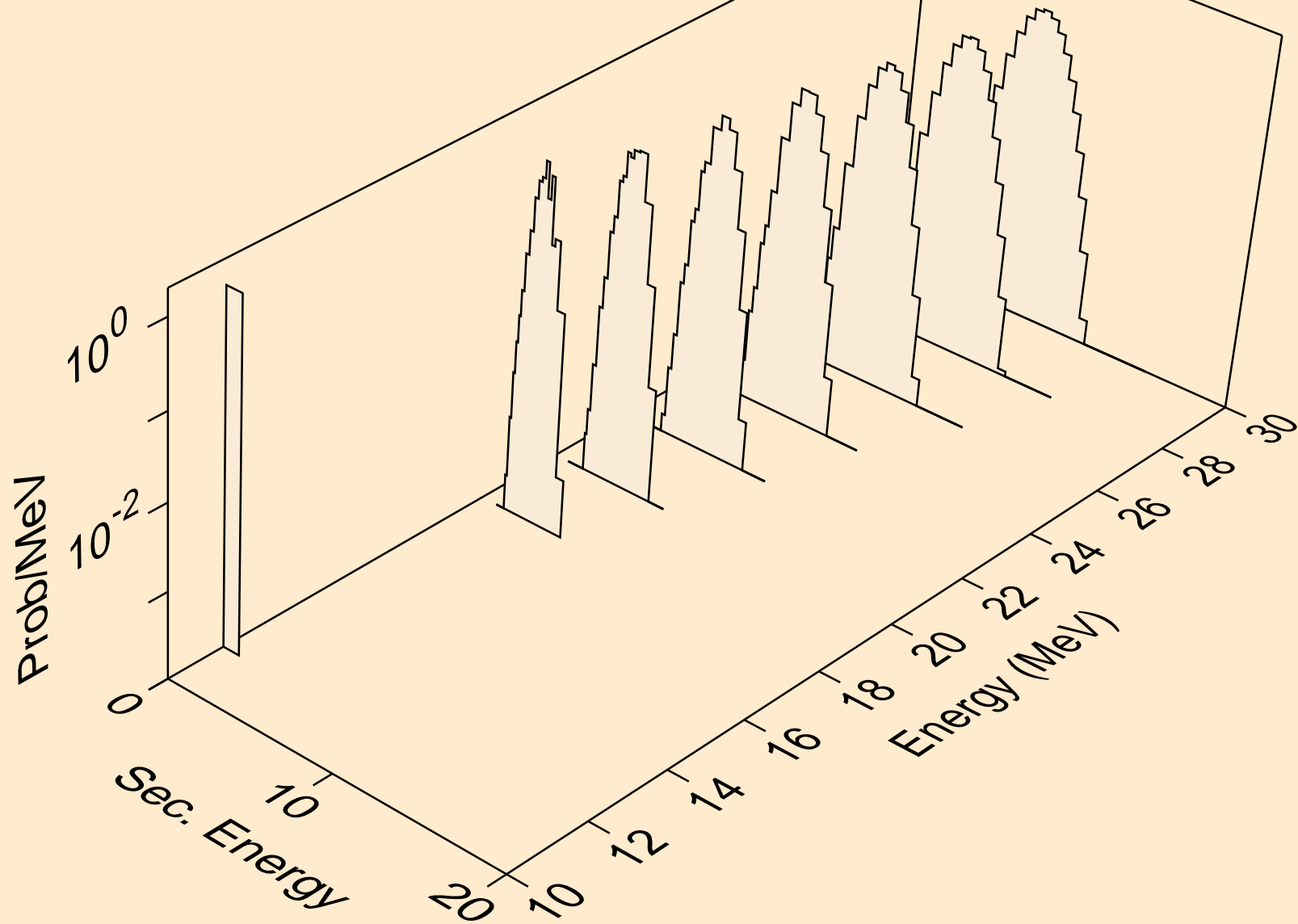
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alphas from (s,n\*)a



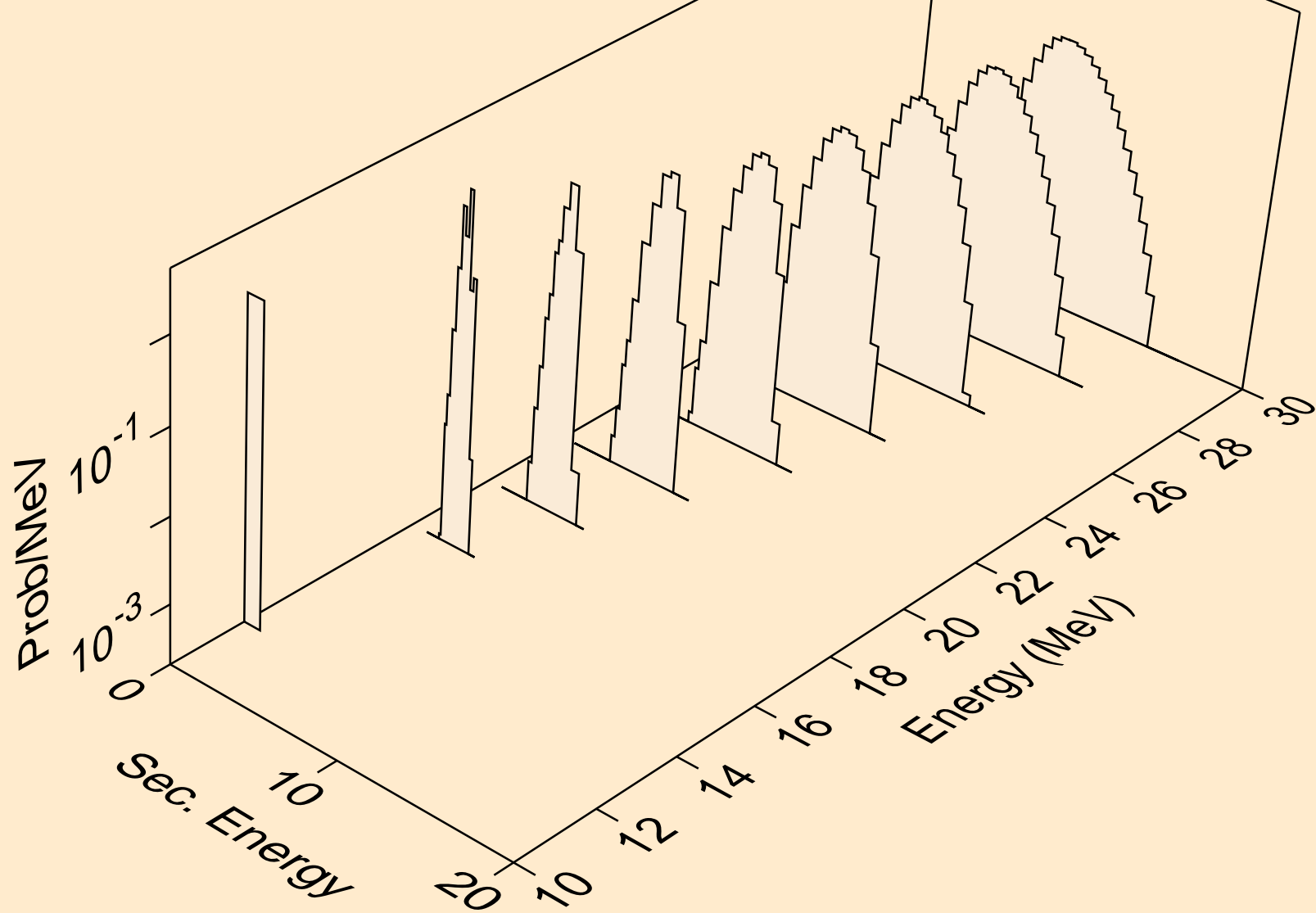
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alphas from (s,2n)a



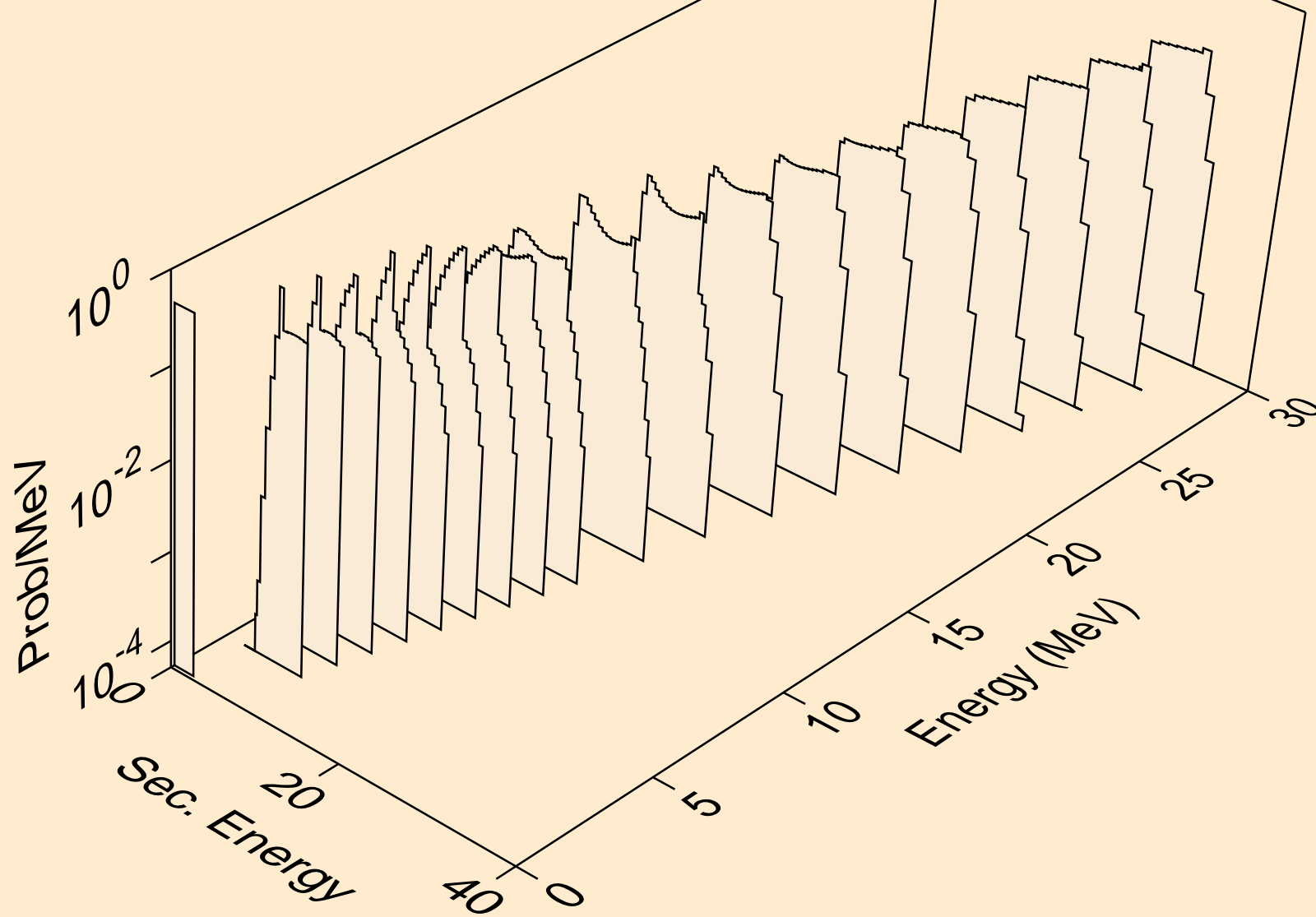
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alphas from (s,n\*)2a



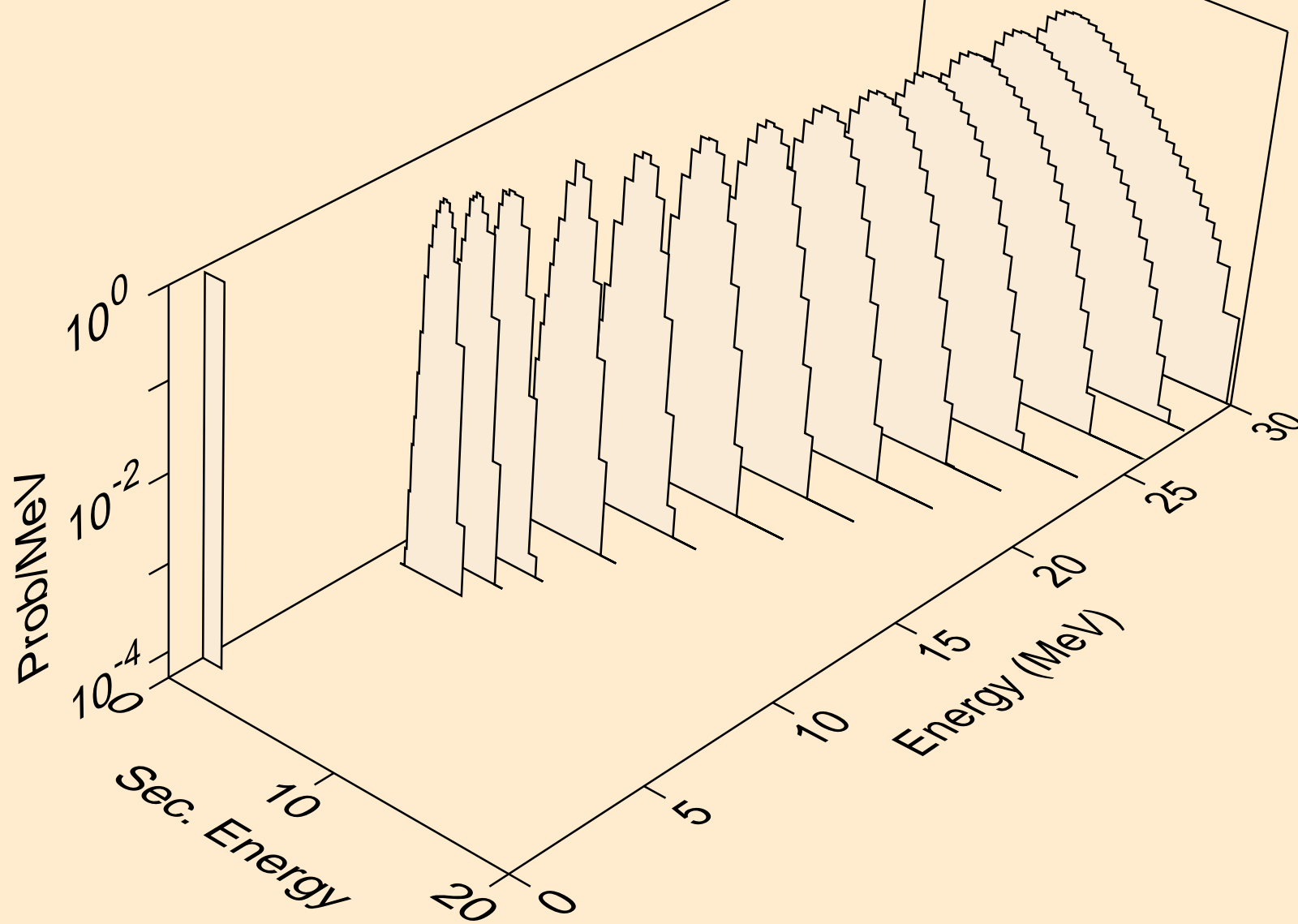
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alphas from (s,npa)



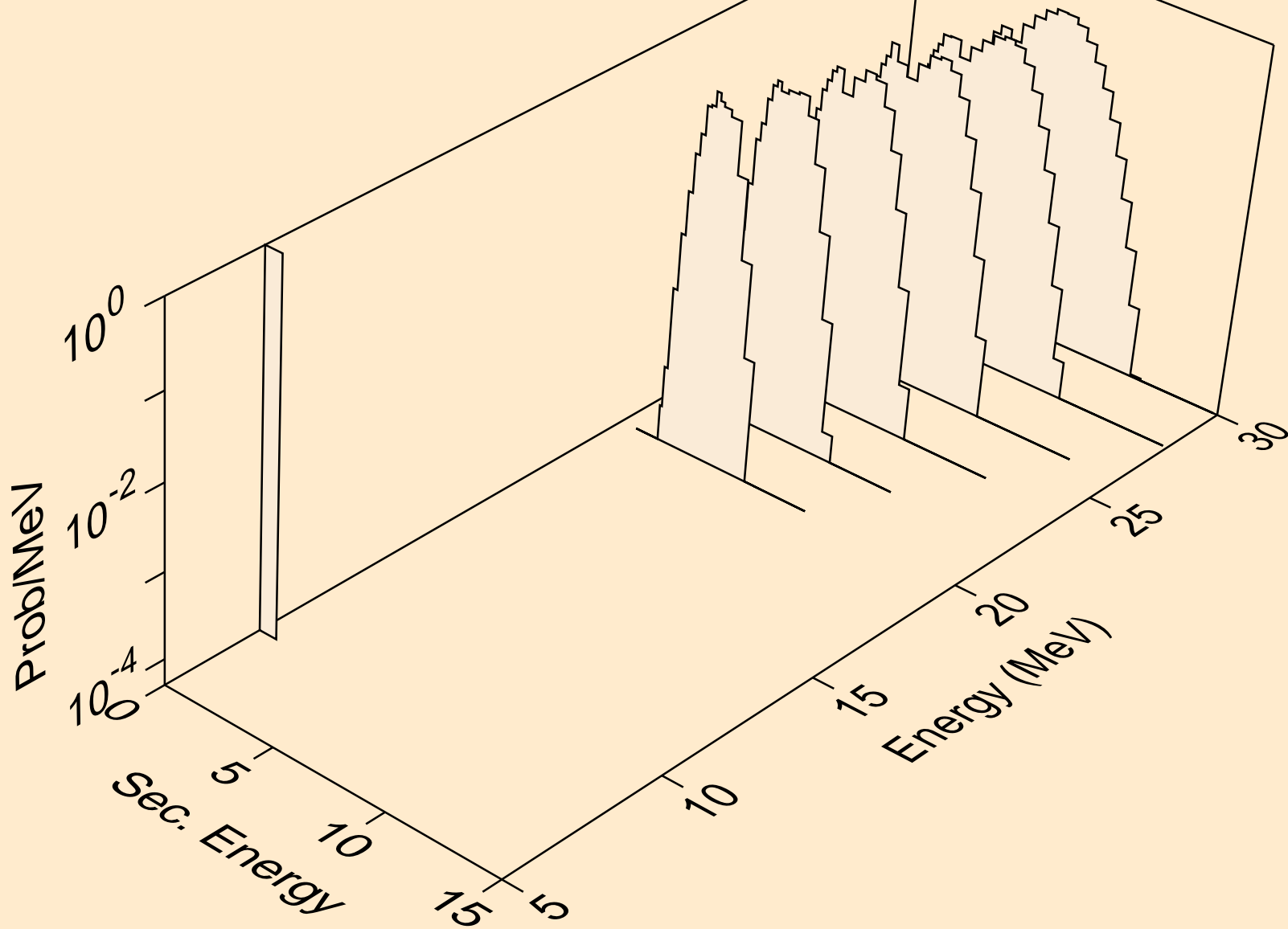
CR050 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,a)



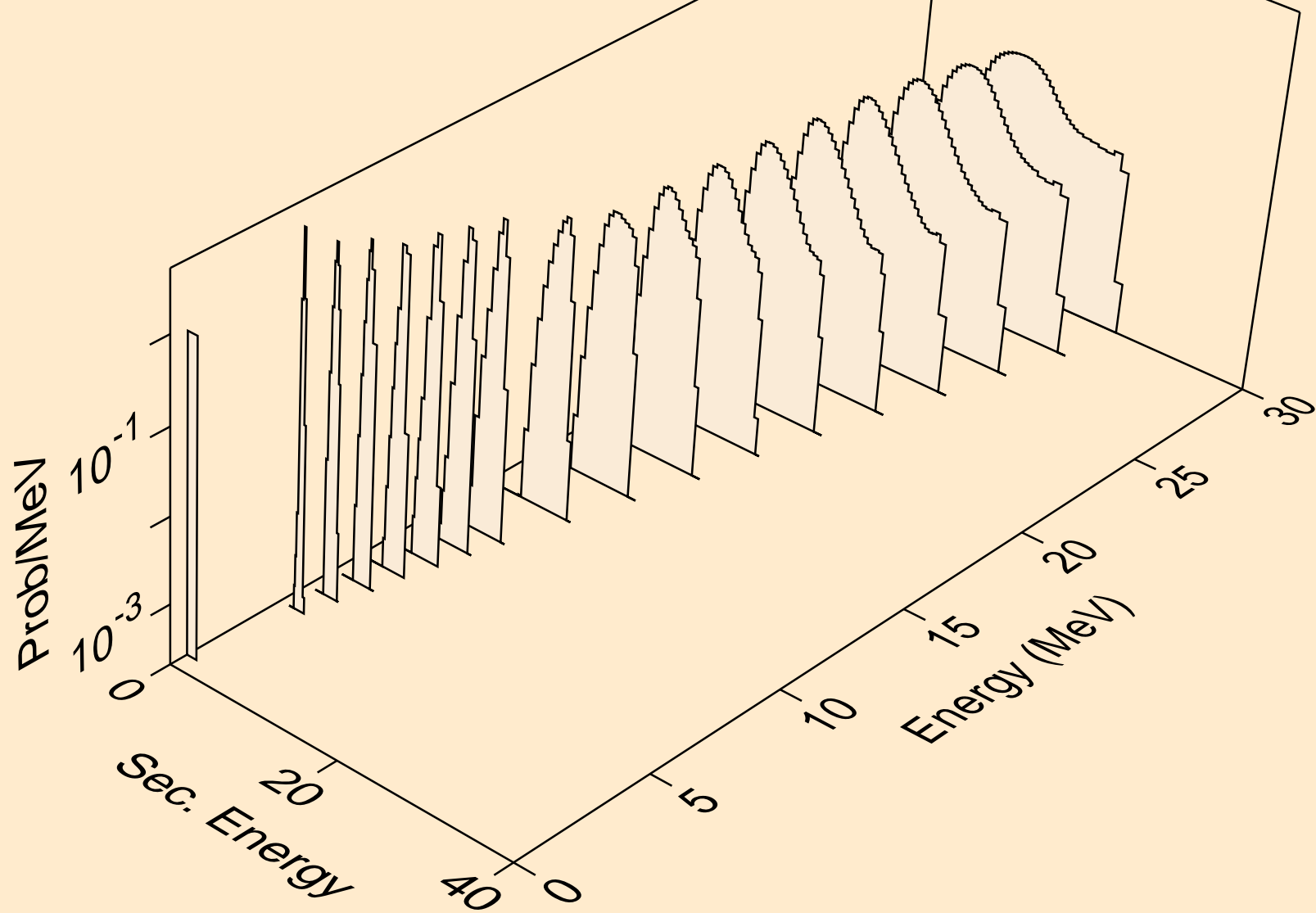
CR050 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2a)



CR050 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,3a)



CR050 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,pa)





CR050 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,da)

