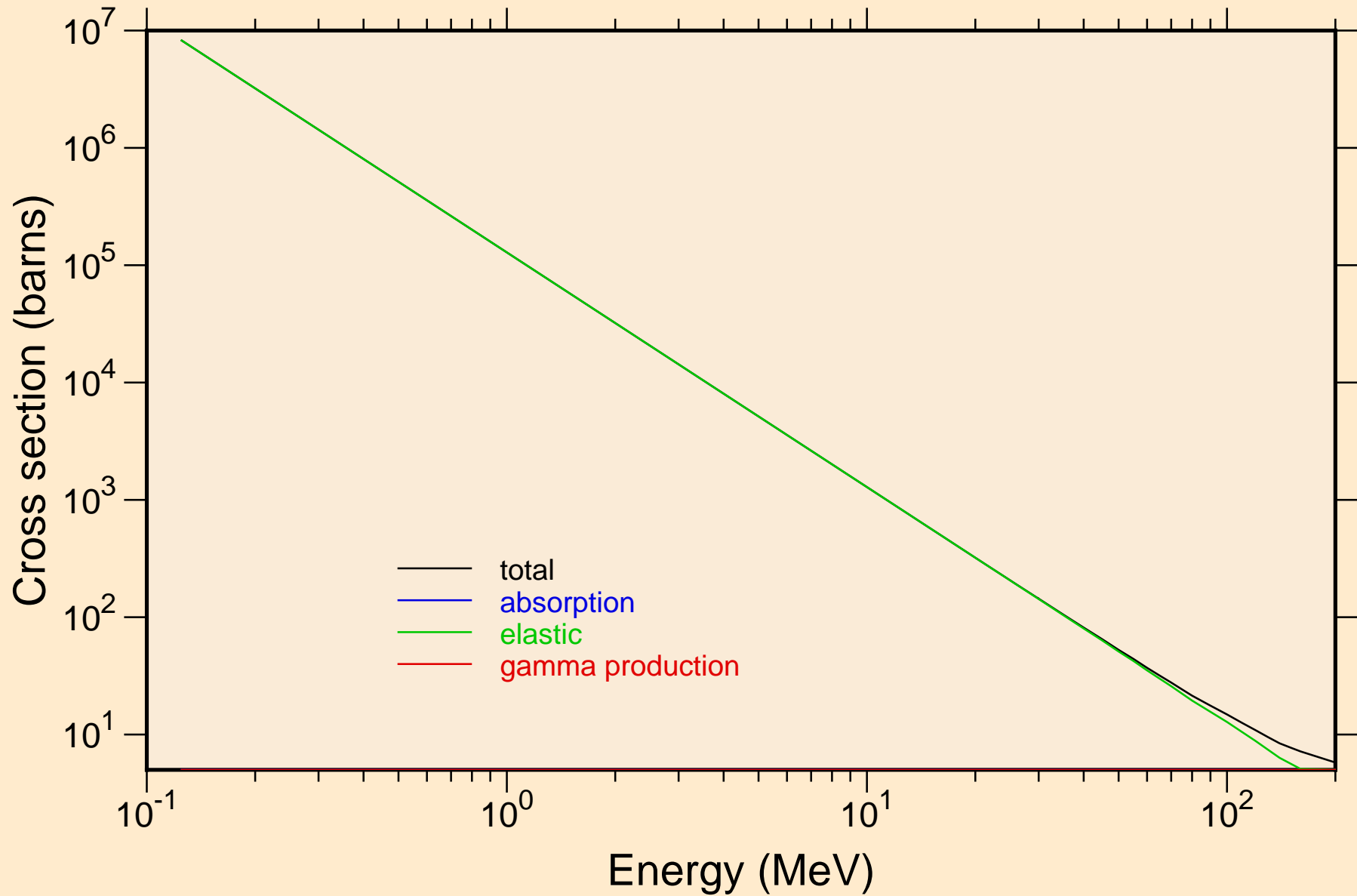


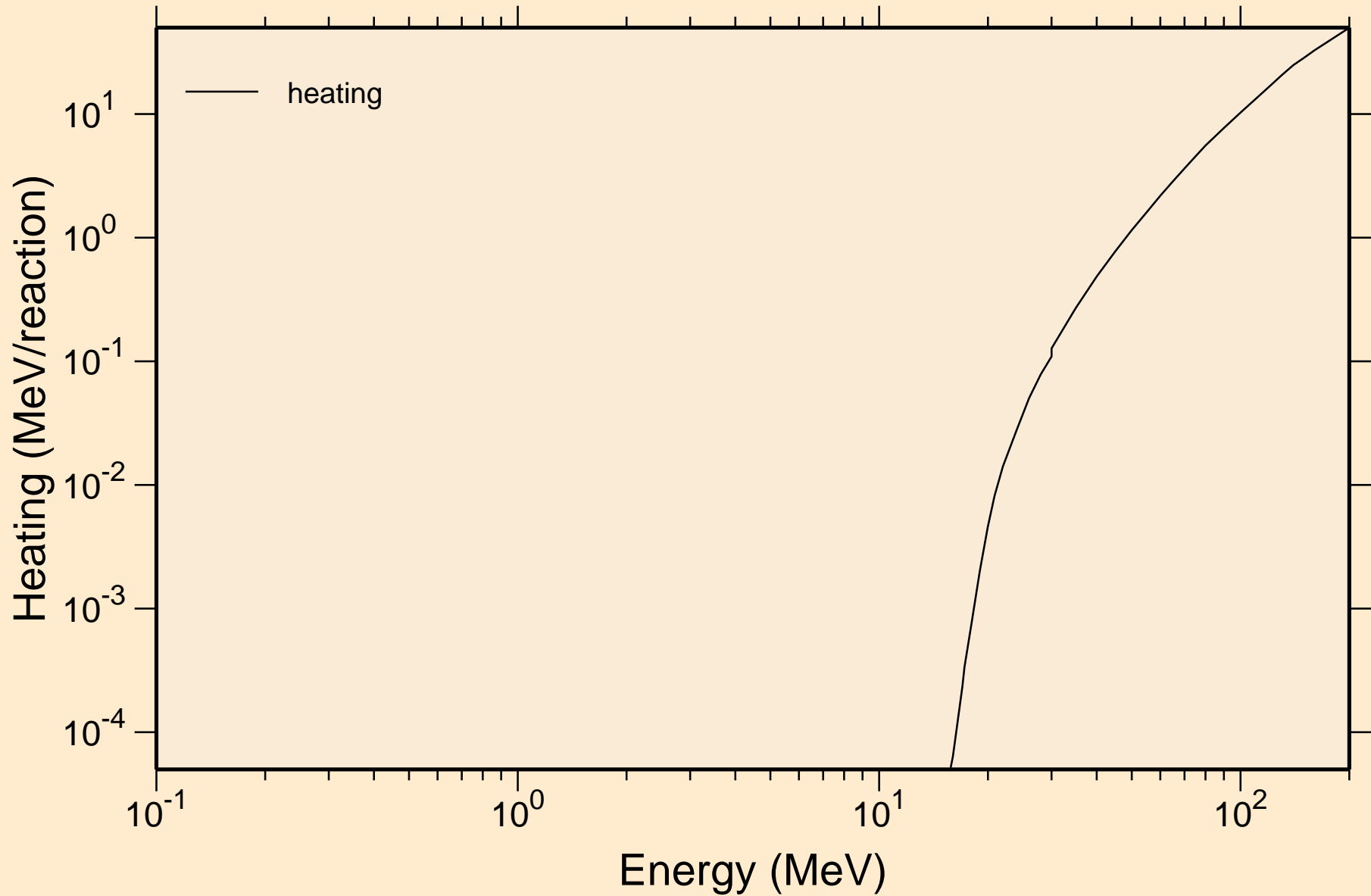
# LU154 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



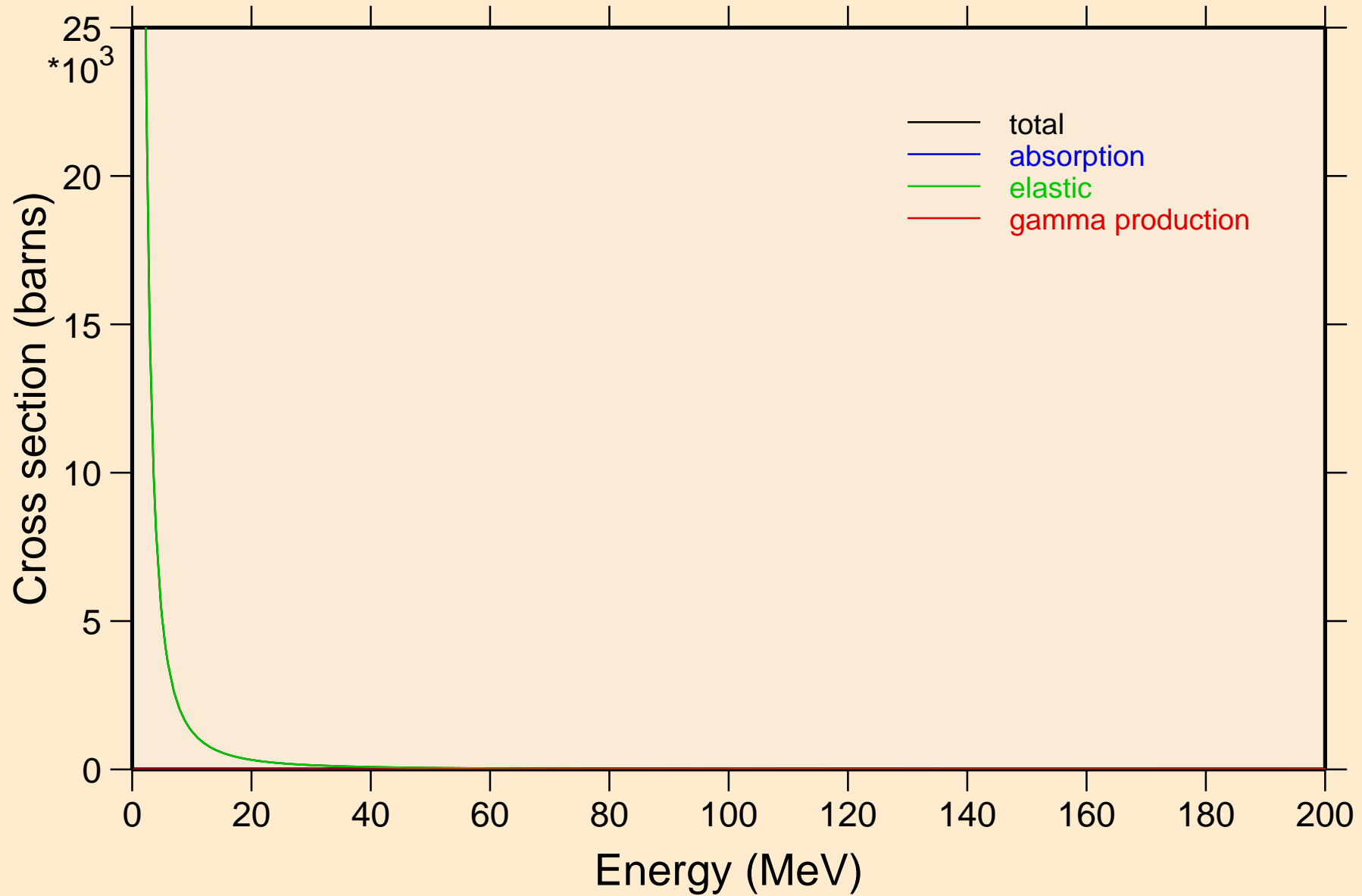
LU154 HELION ACER TENDL-2021 LIBRARY; T=0.K

Heating



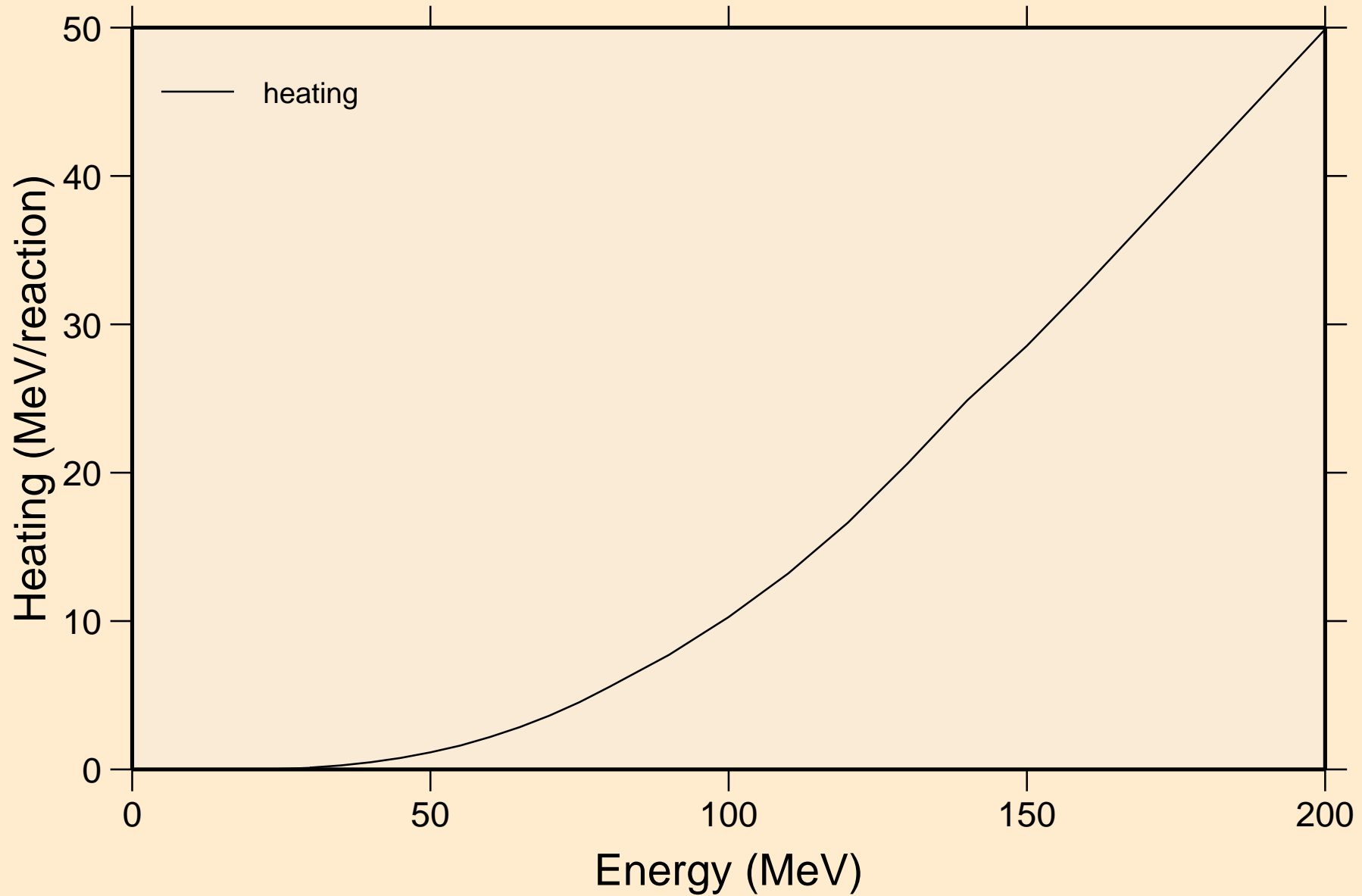
# LU154 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

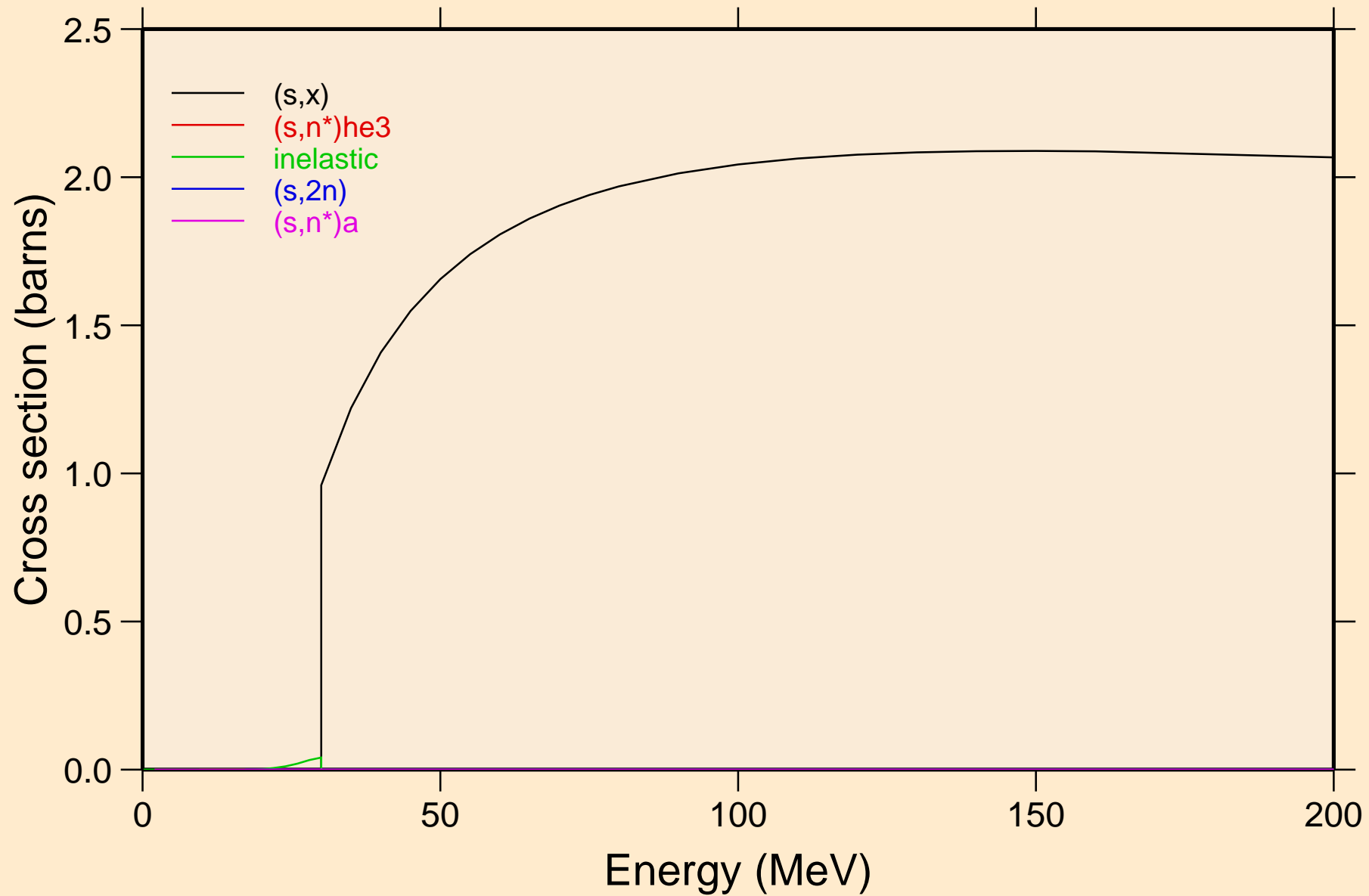


LU154 HELION ACER TENDL-2021 LIBRARY; T=0.K

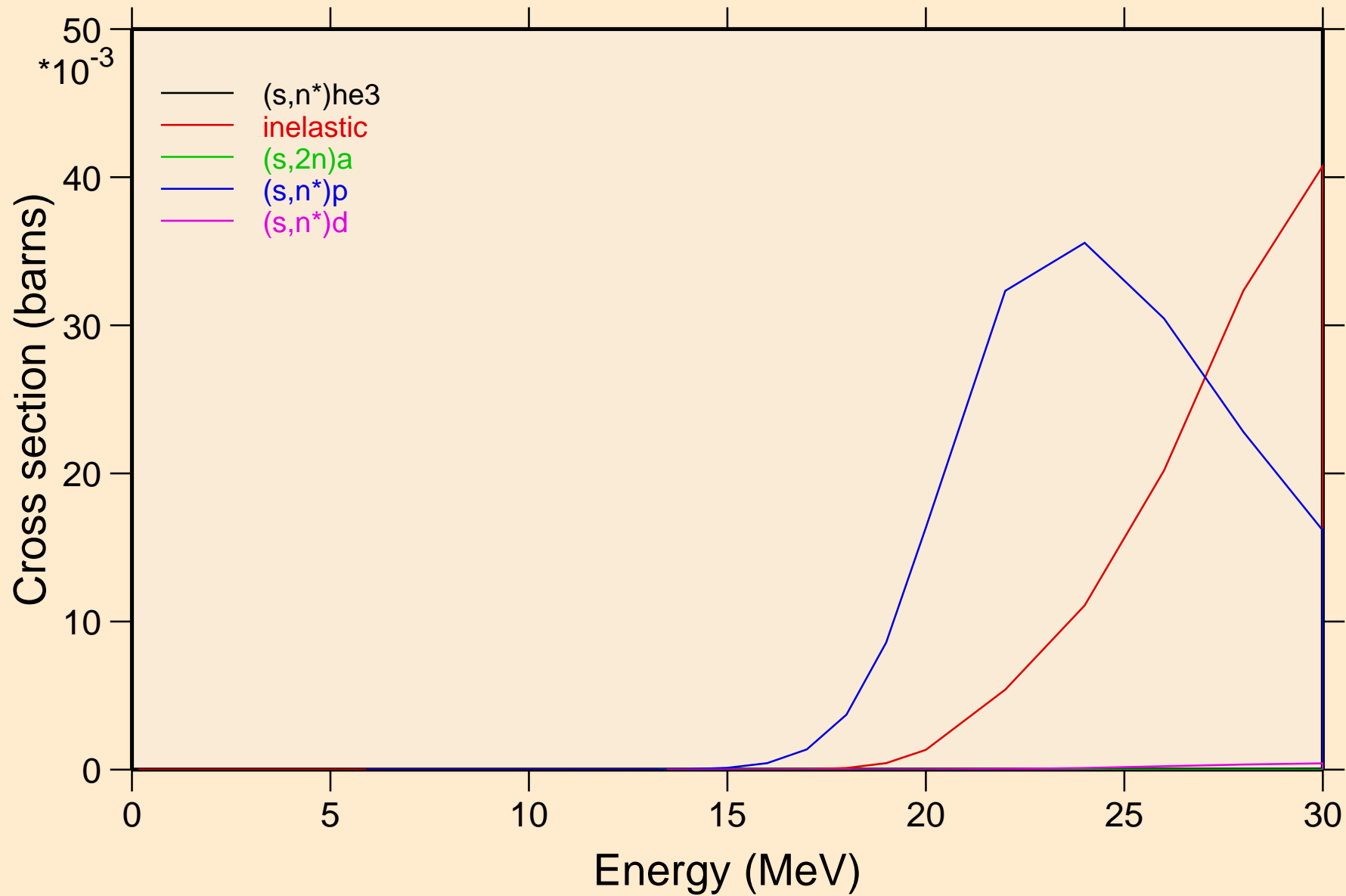
Heating



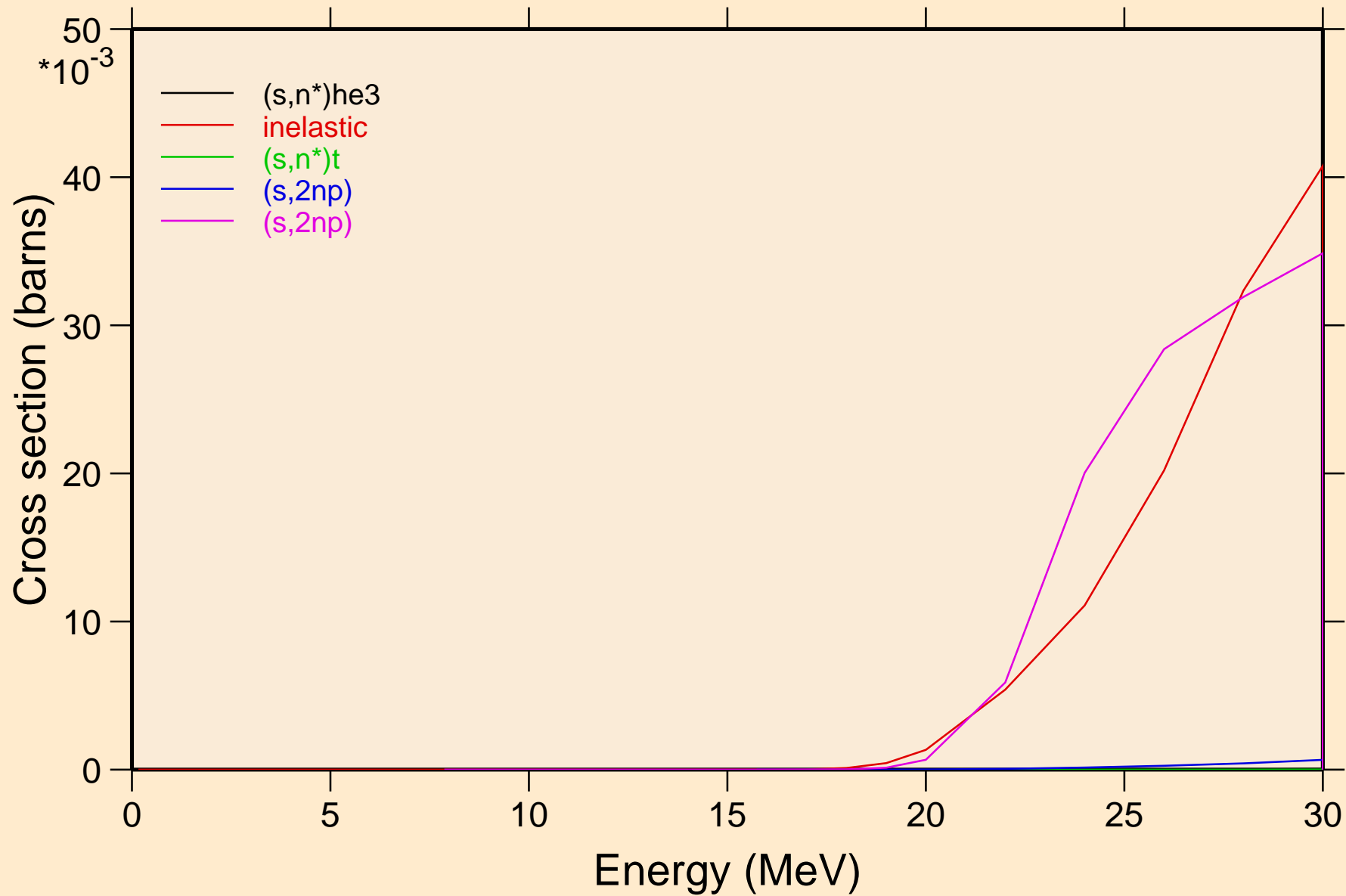
LU154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



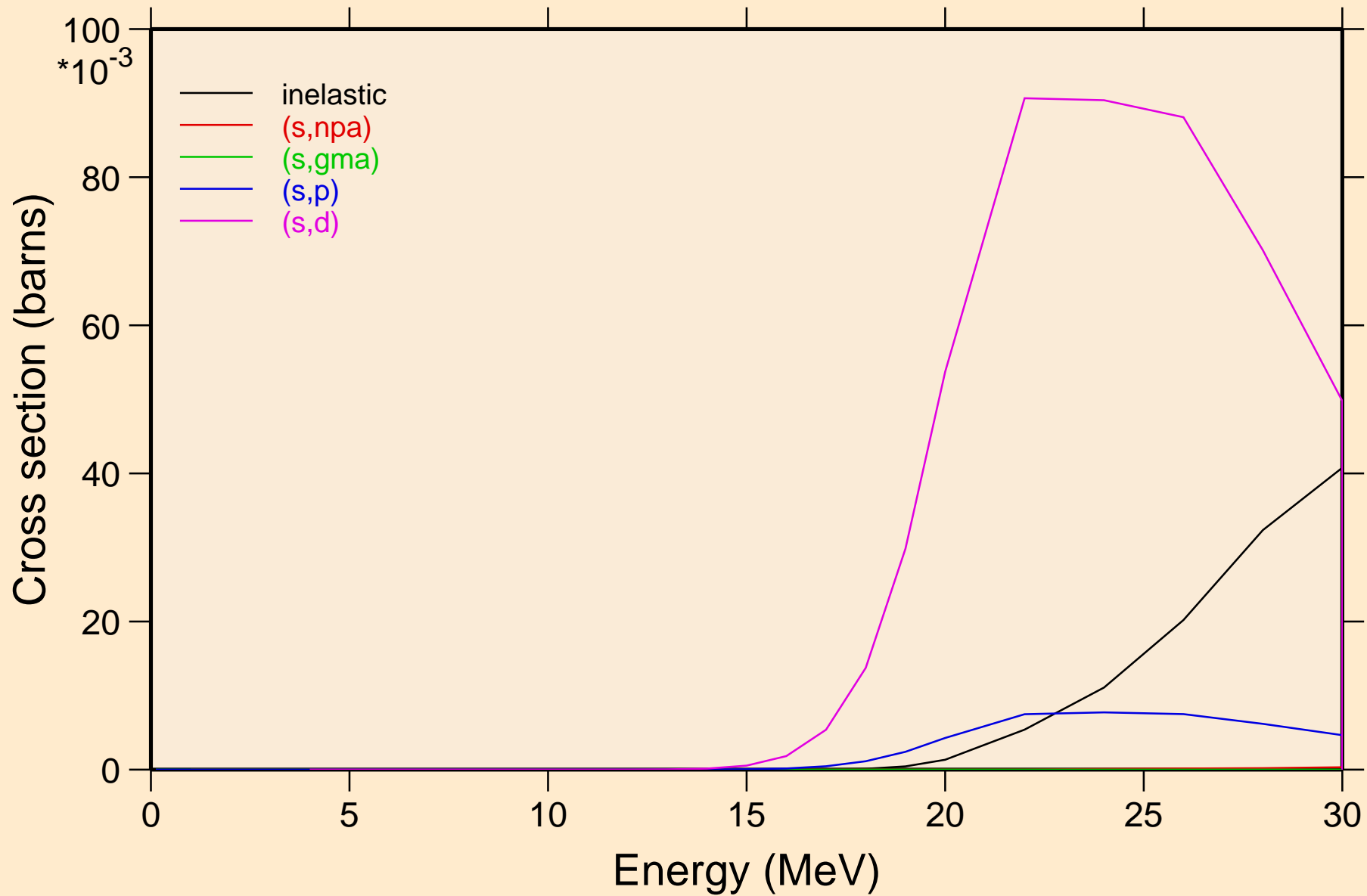
LU154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



LU154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

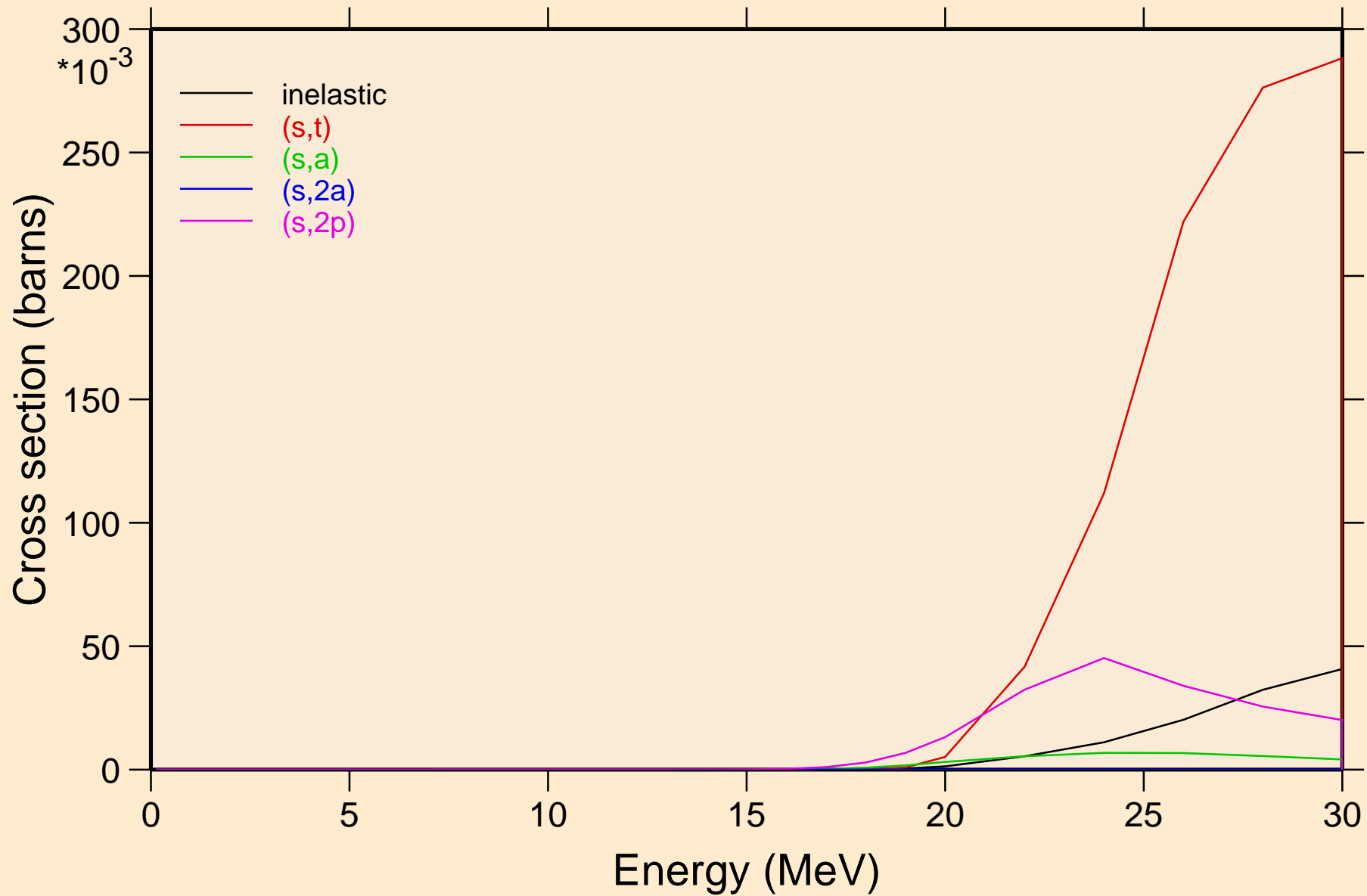


LU154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

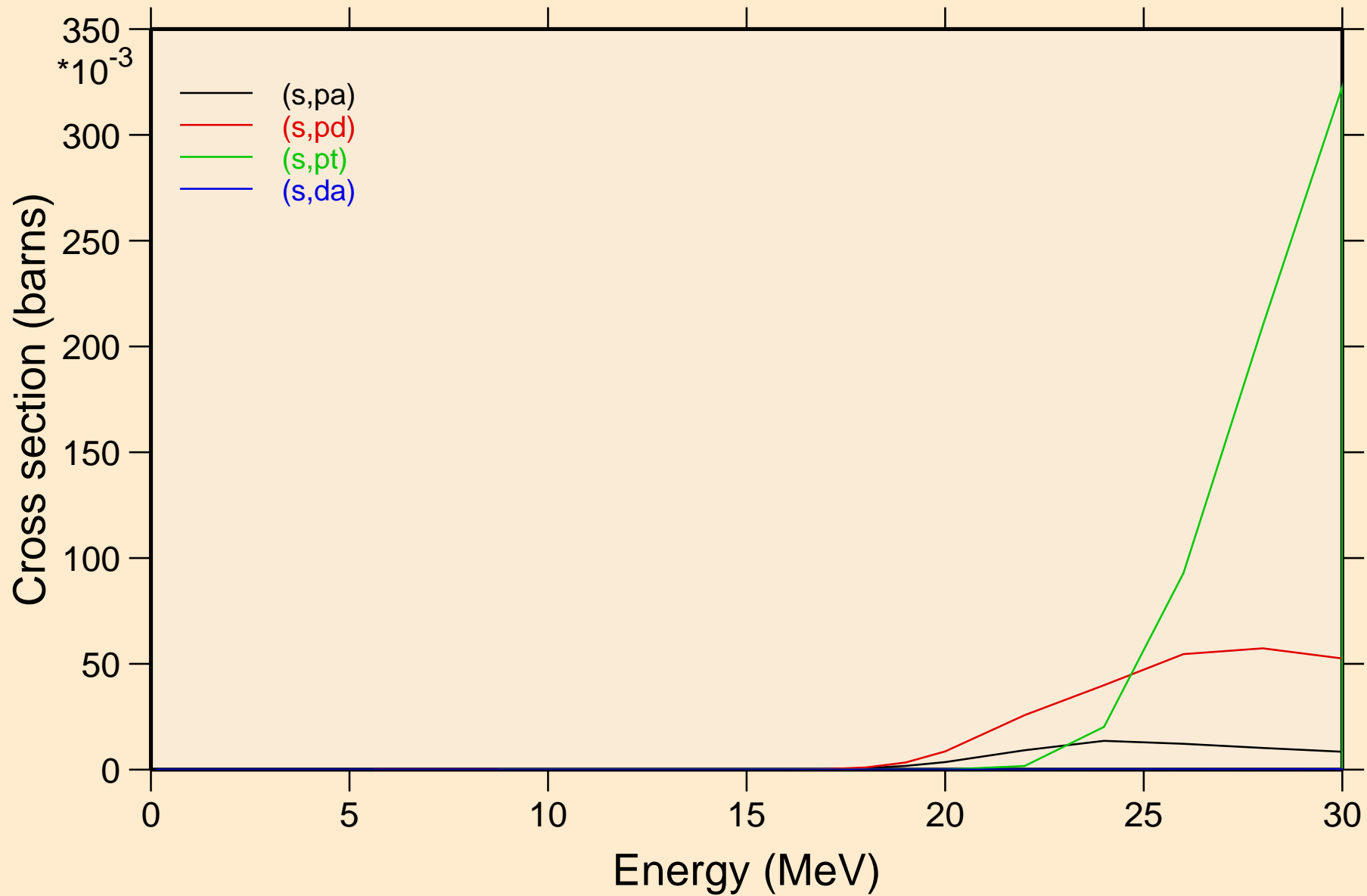




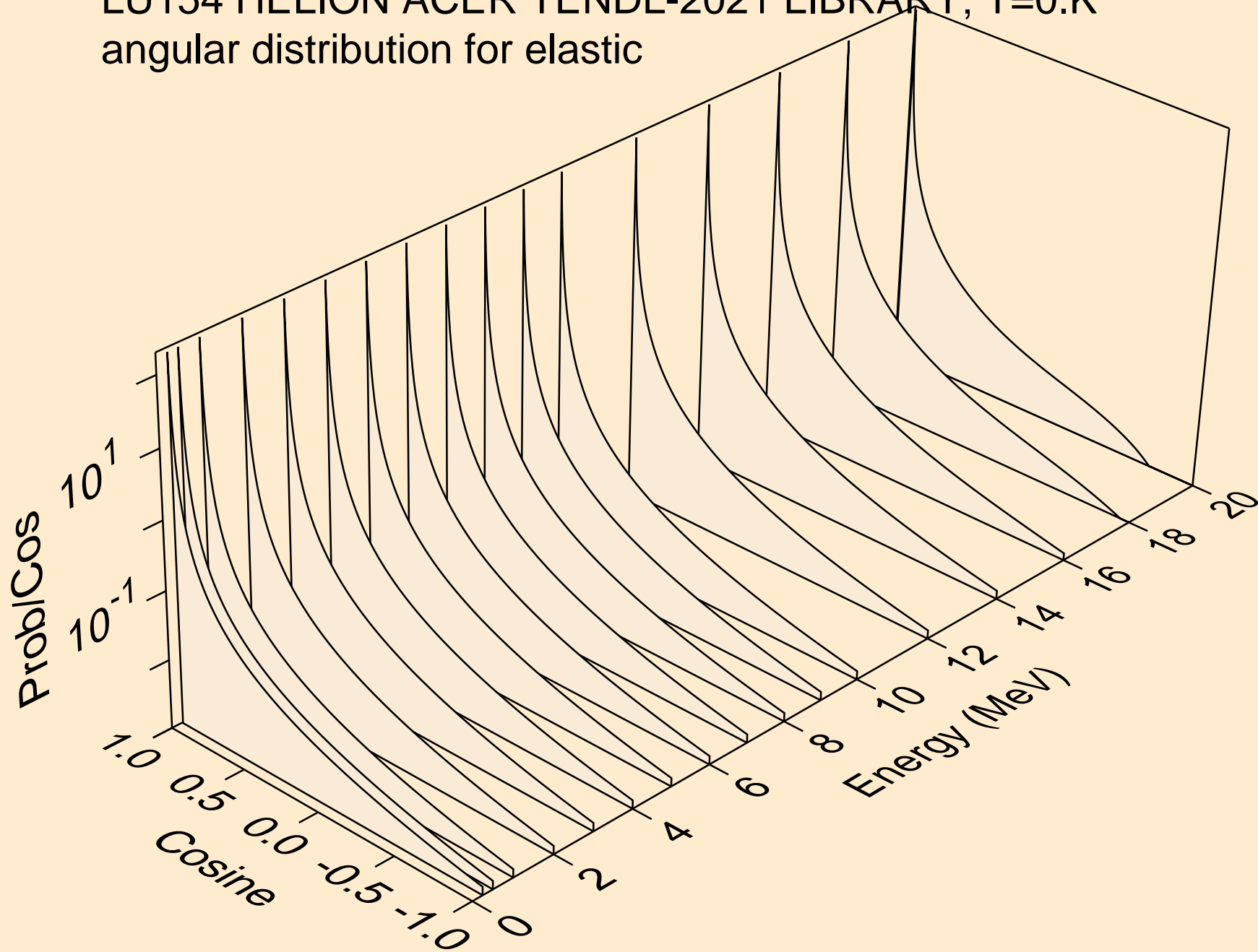
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Threshold reactions



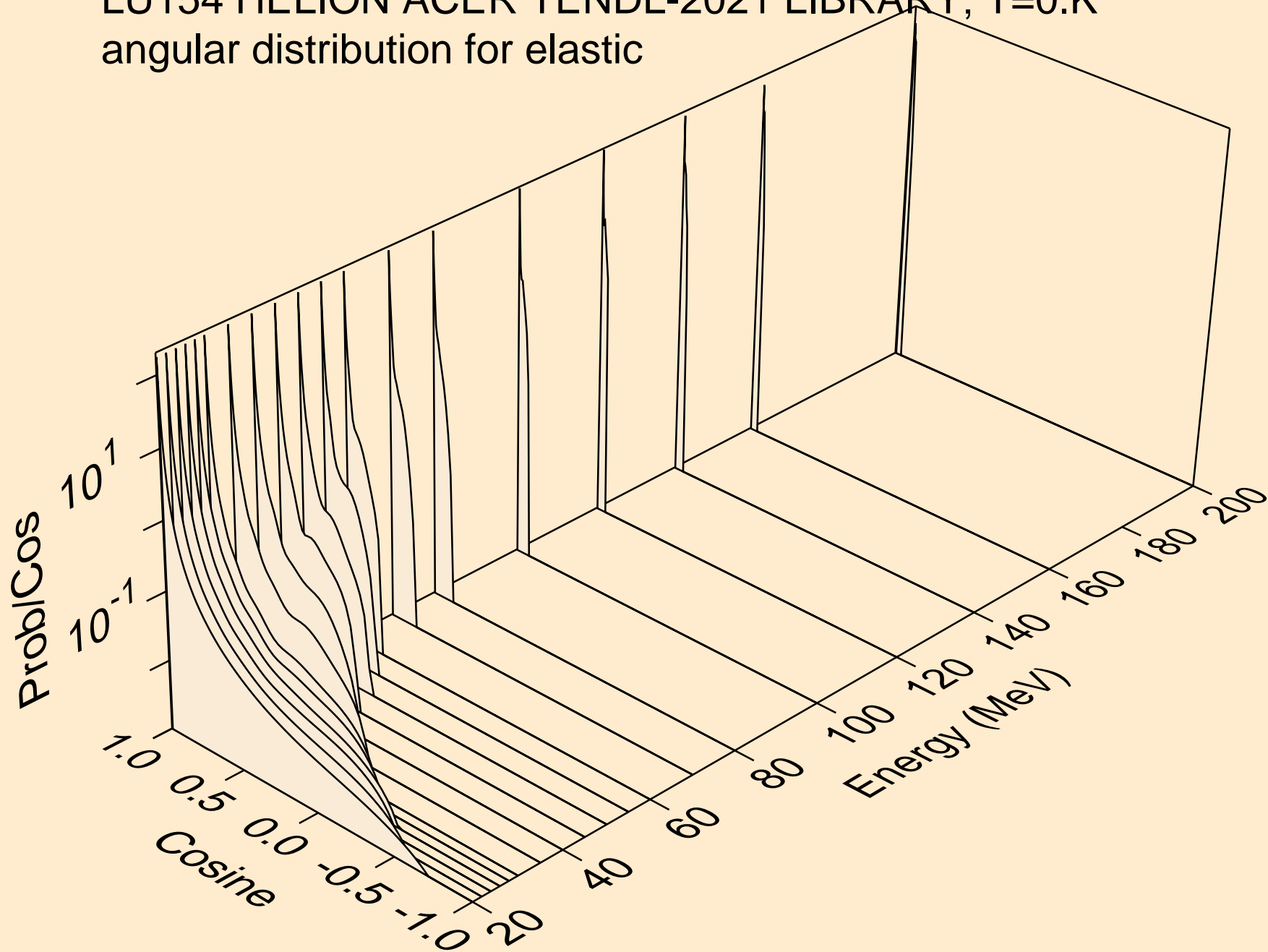
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Threshold reactions



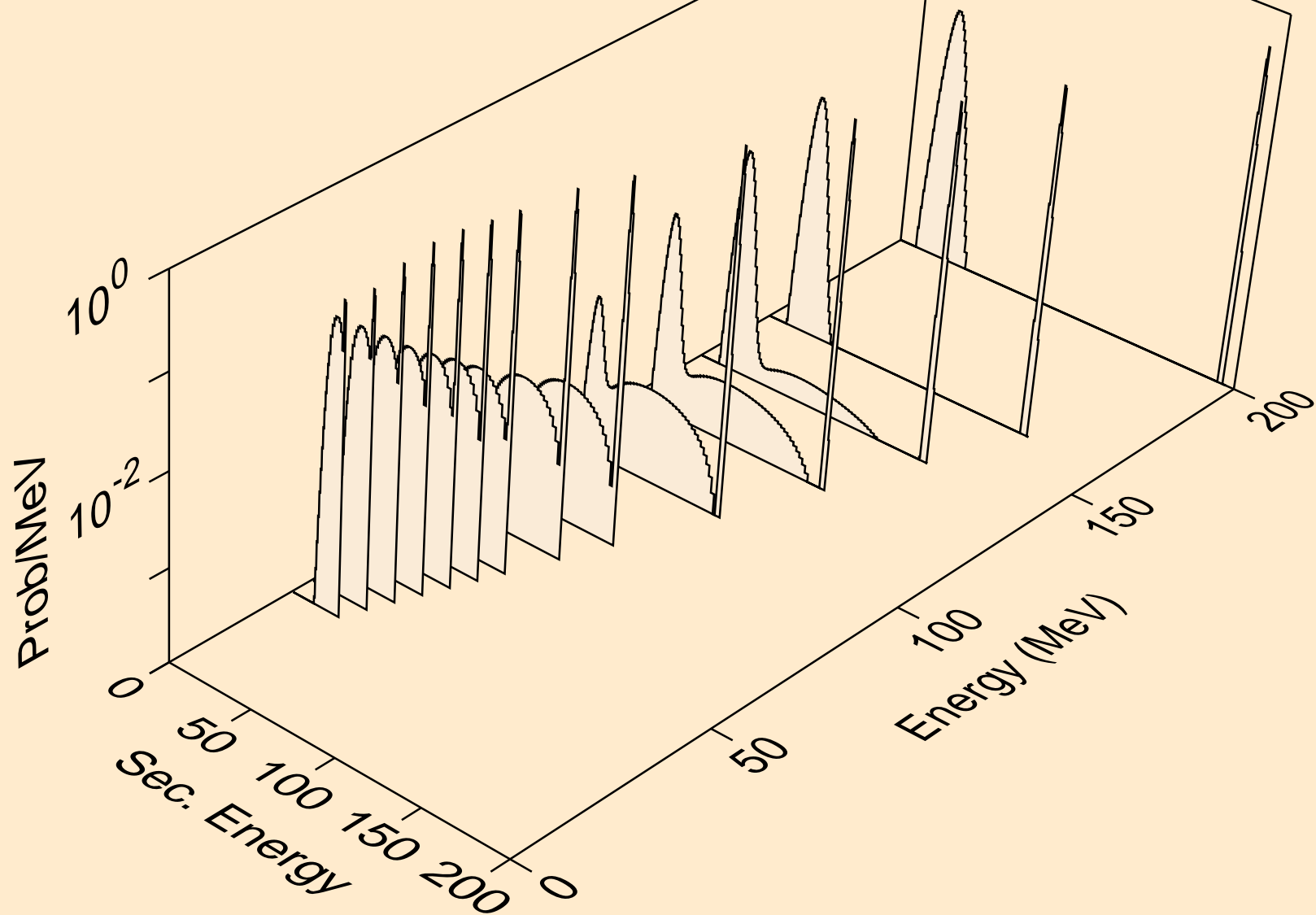
LU154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



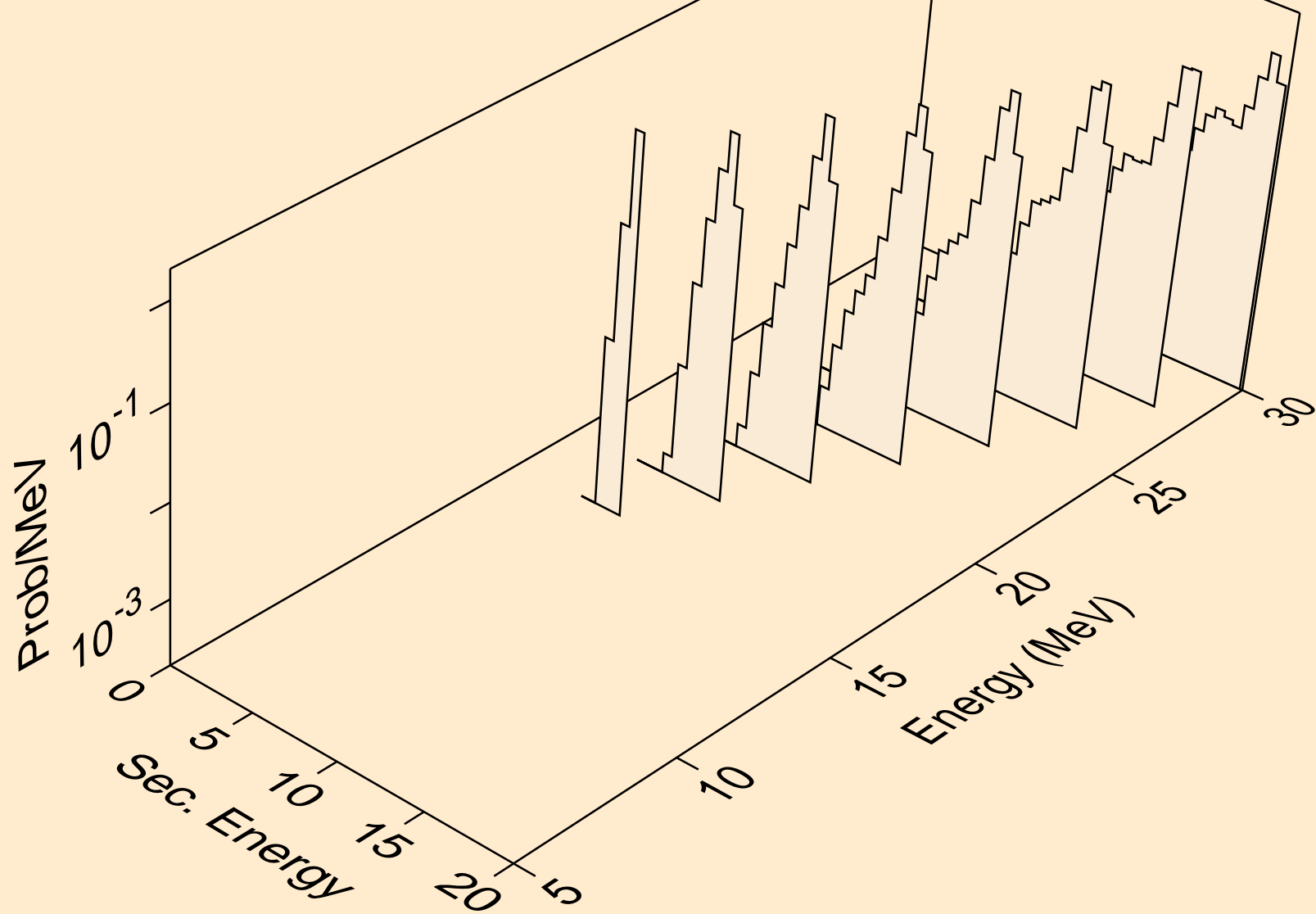
LU154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



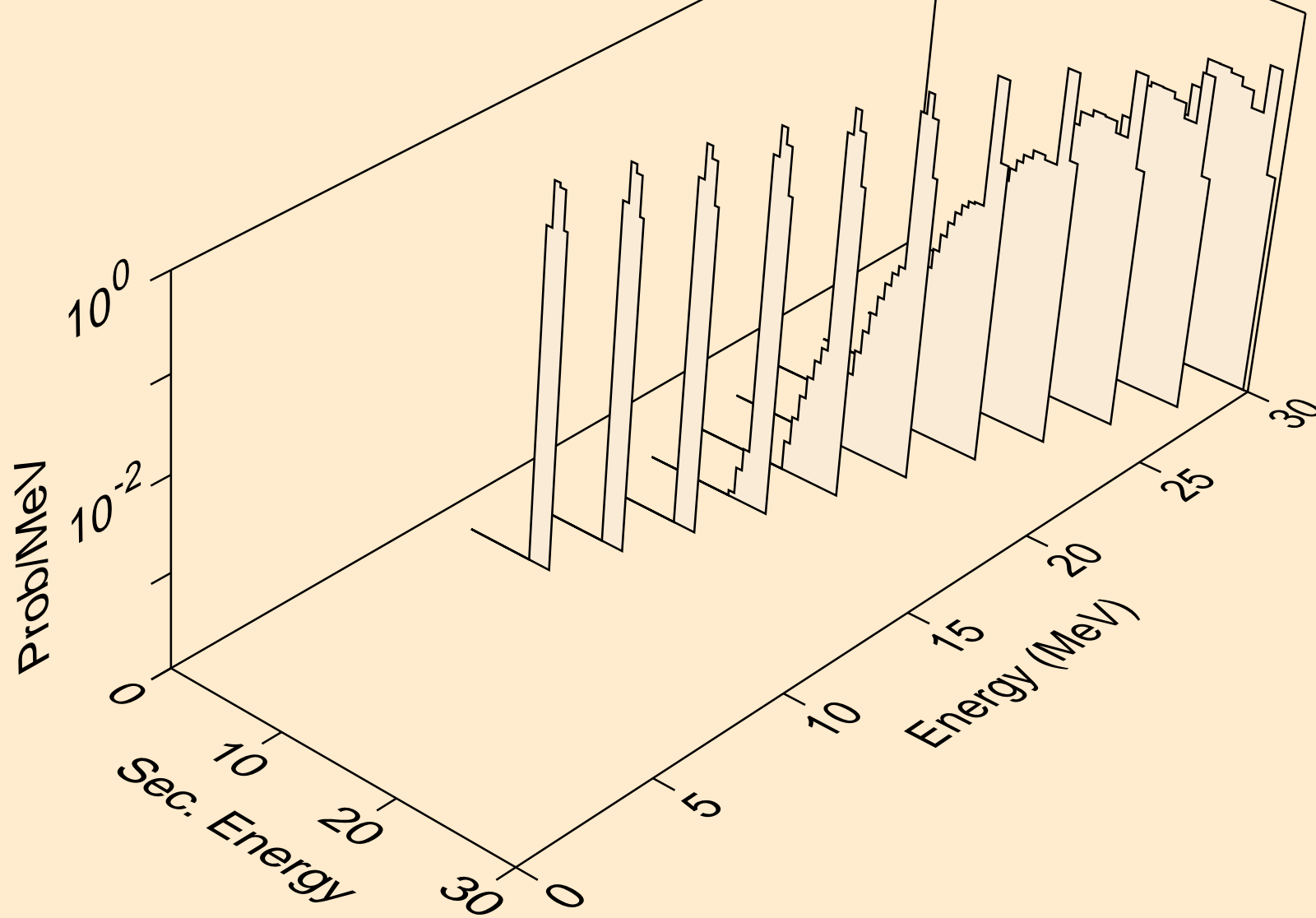
LU154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,x)



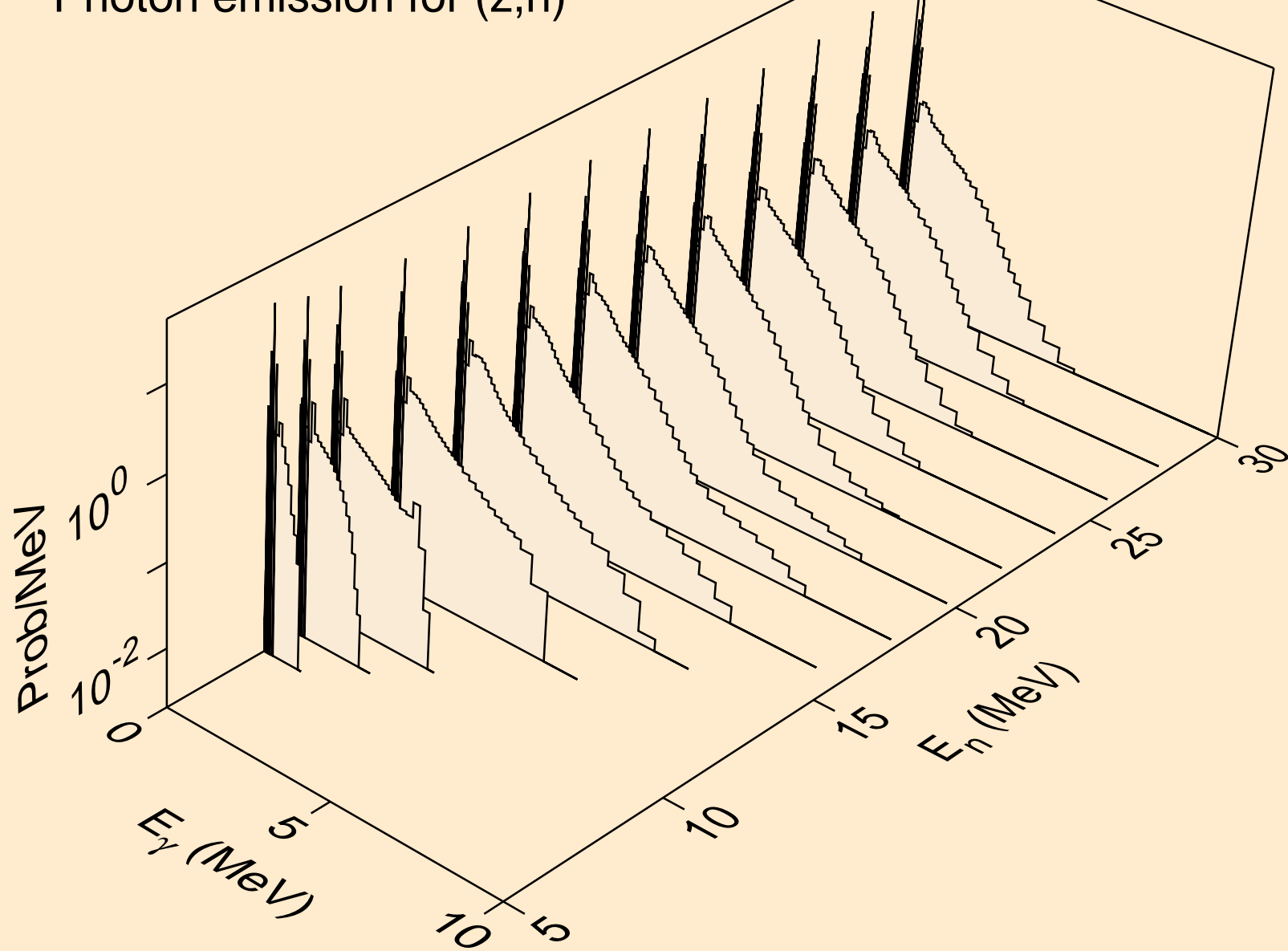
LU154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3



LU154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for inelastic

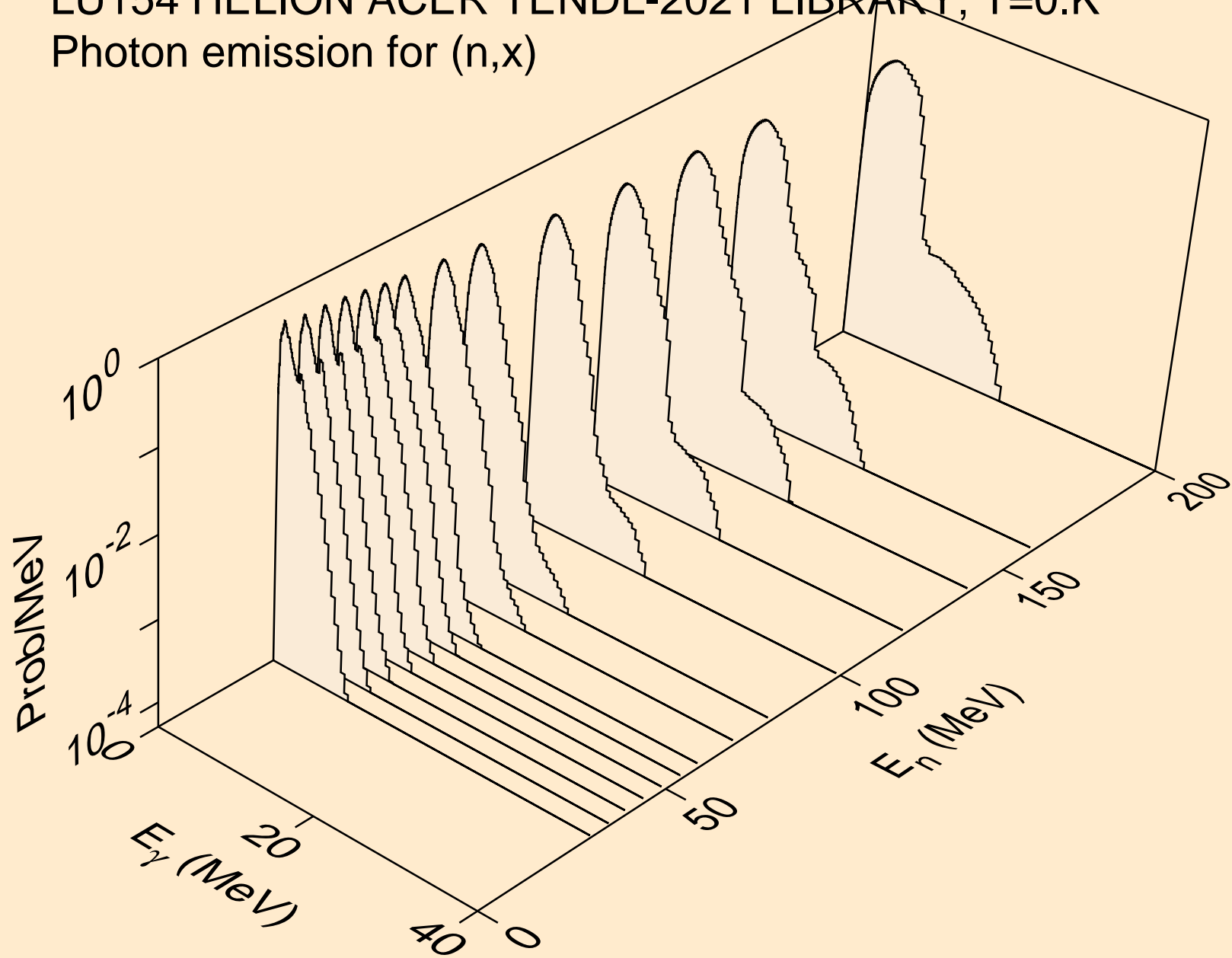


LU154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)

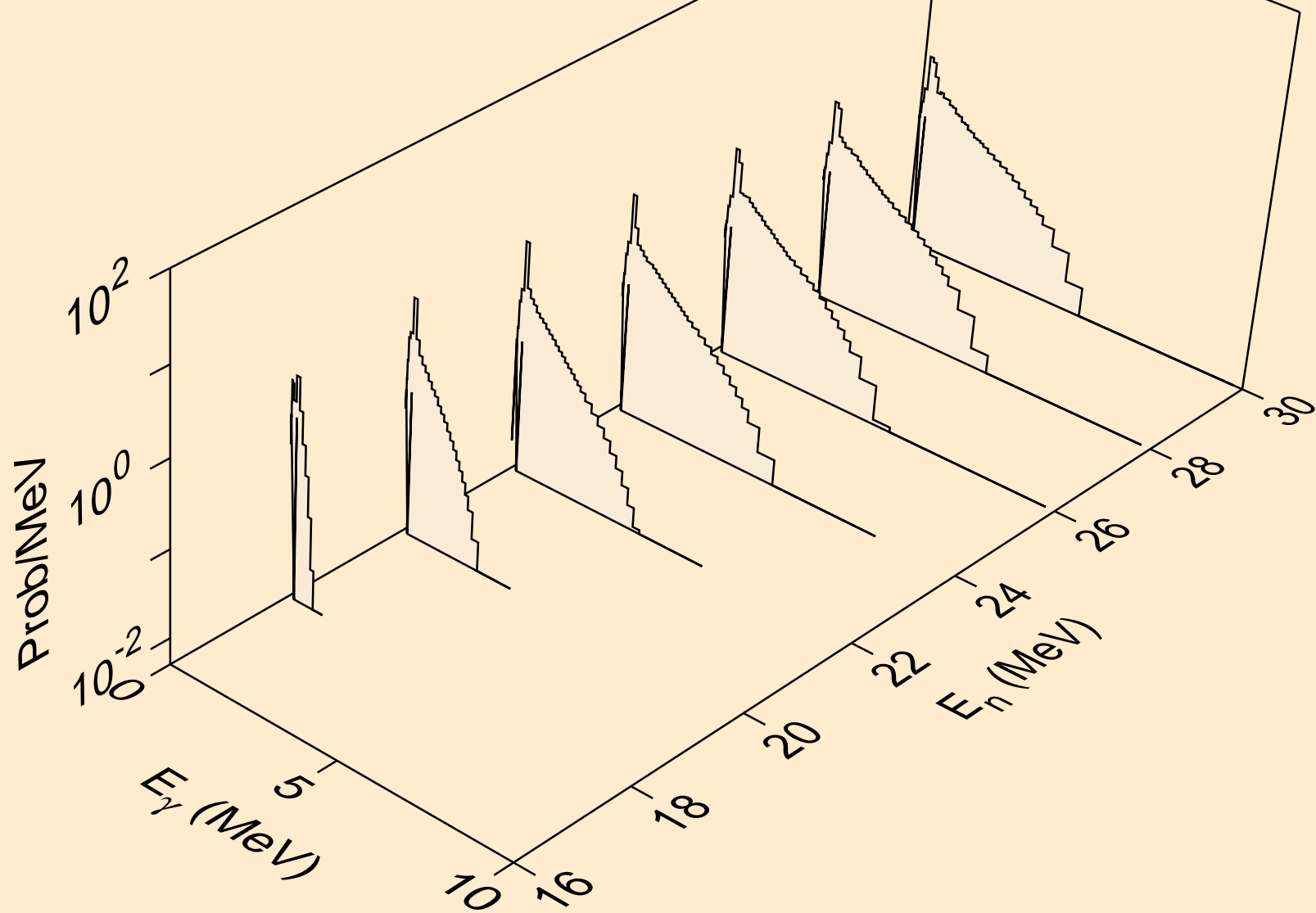




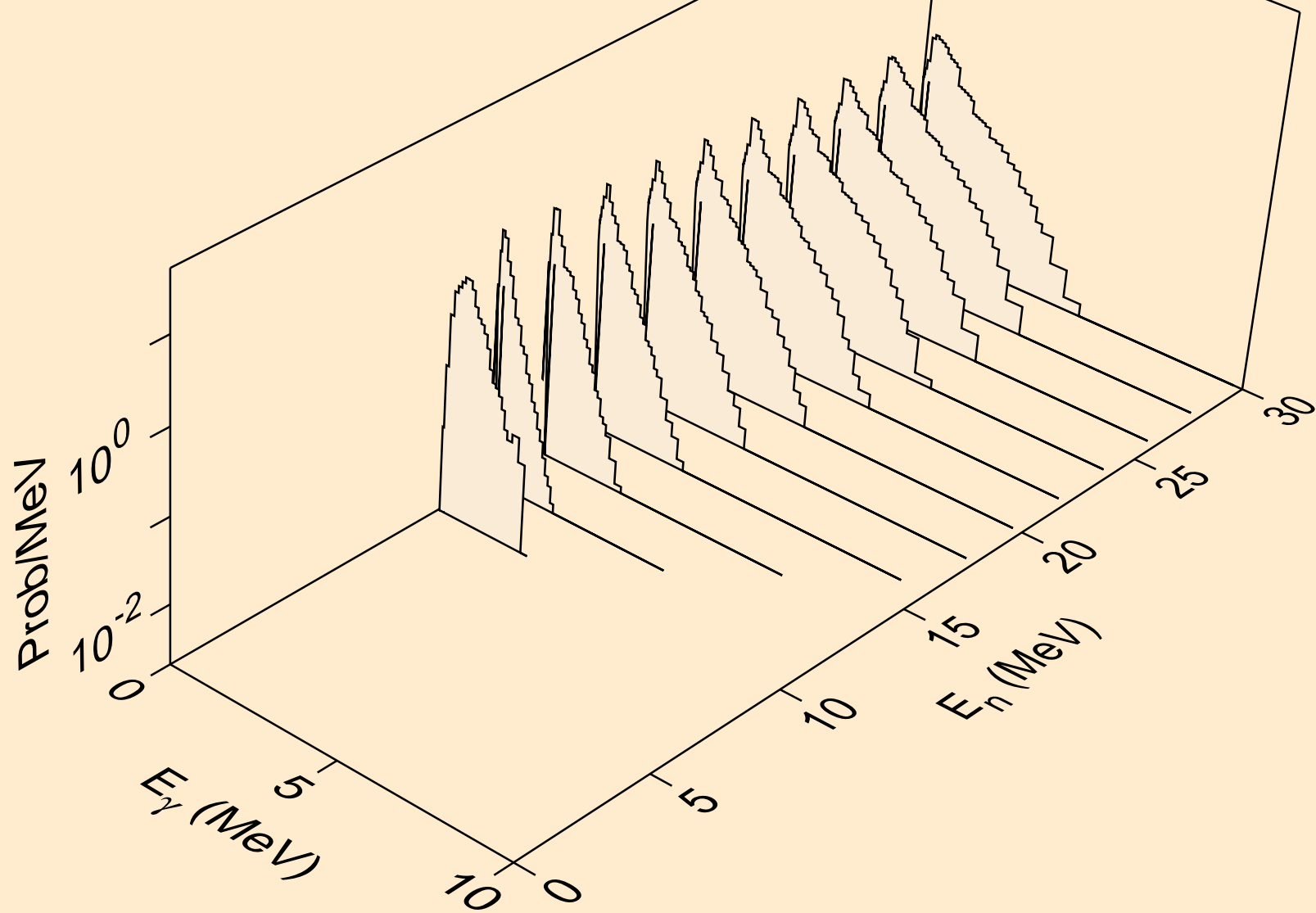
LU154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



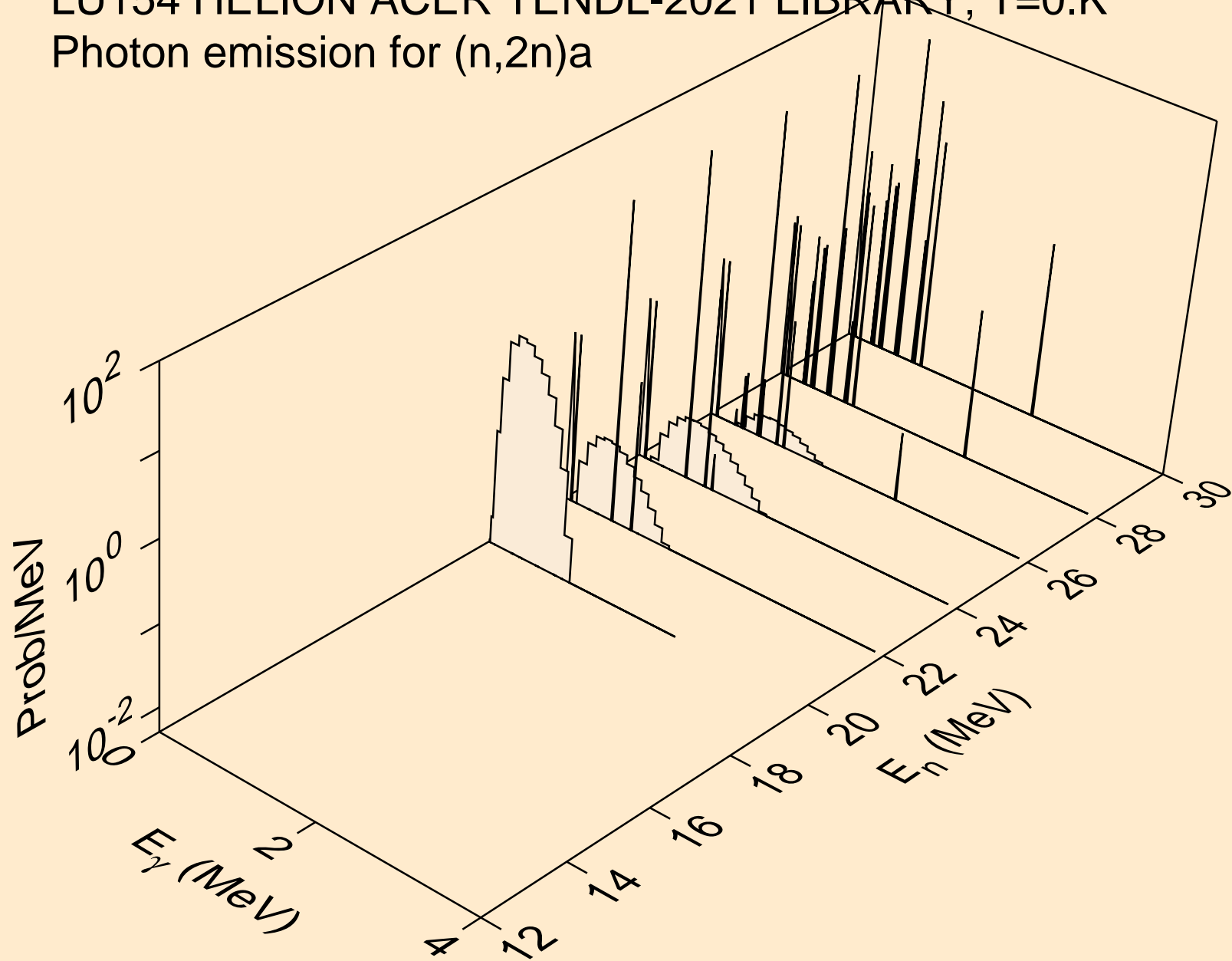
LU154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



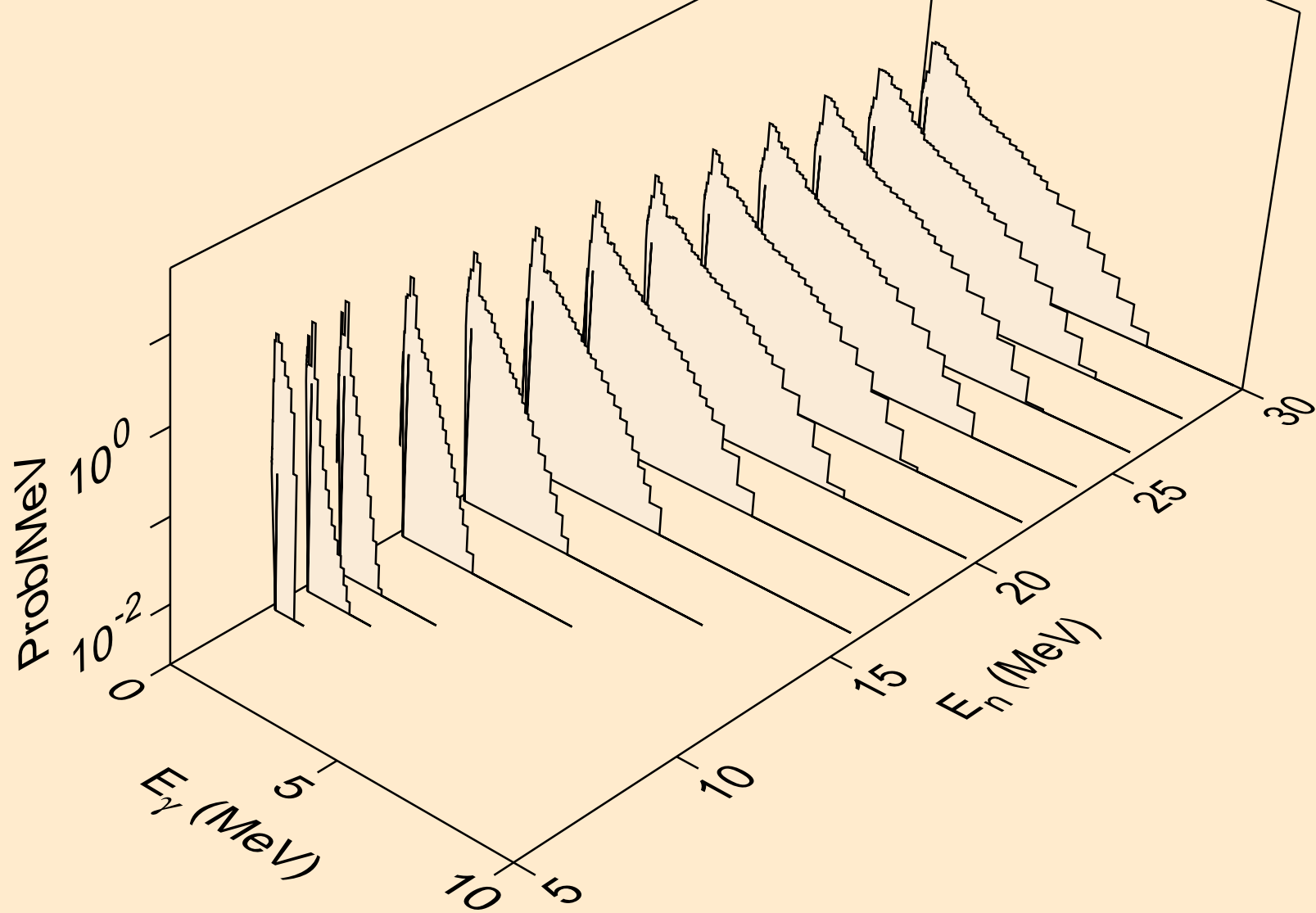
LU154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



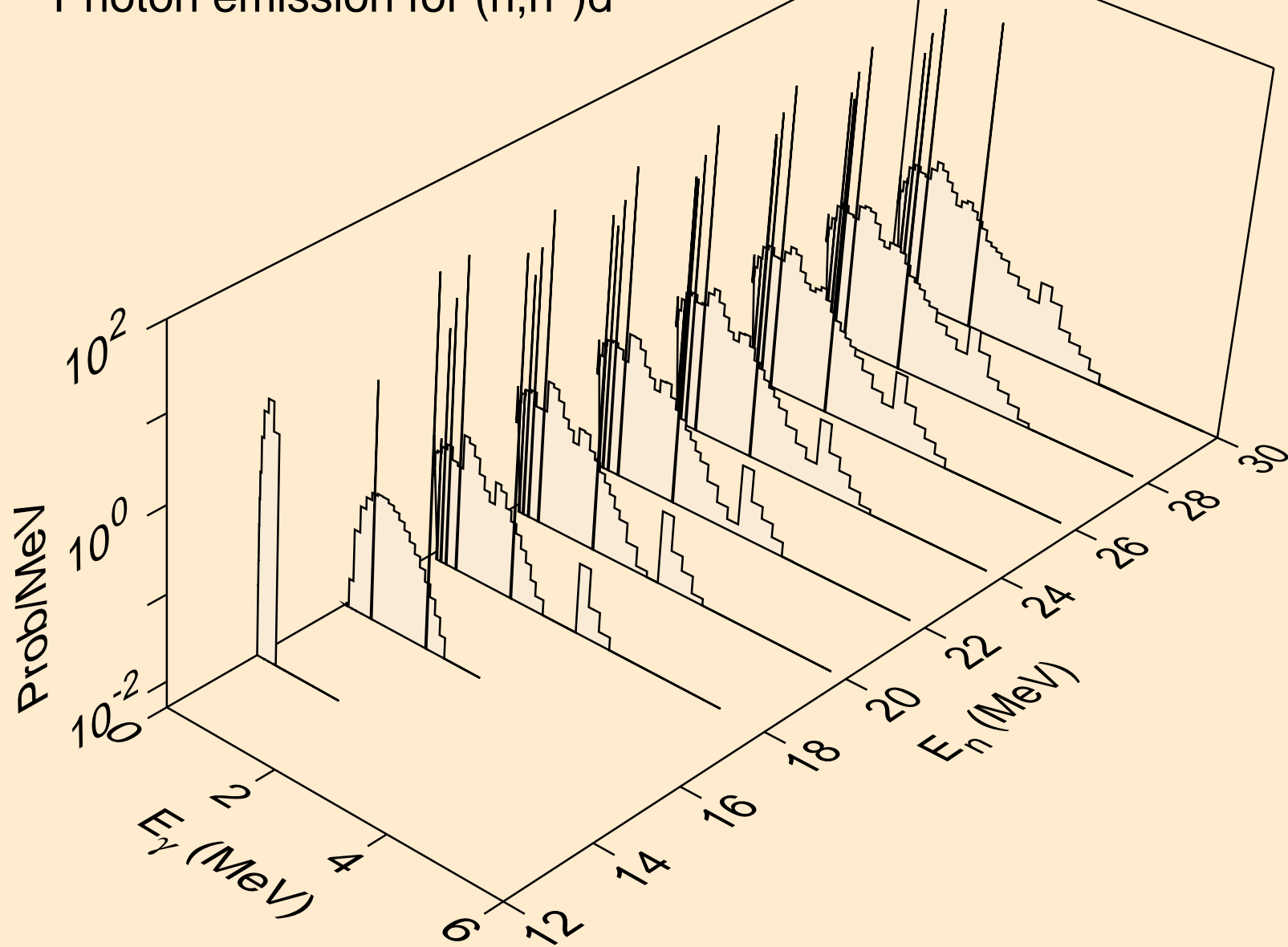
LU154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a



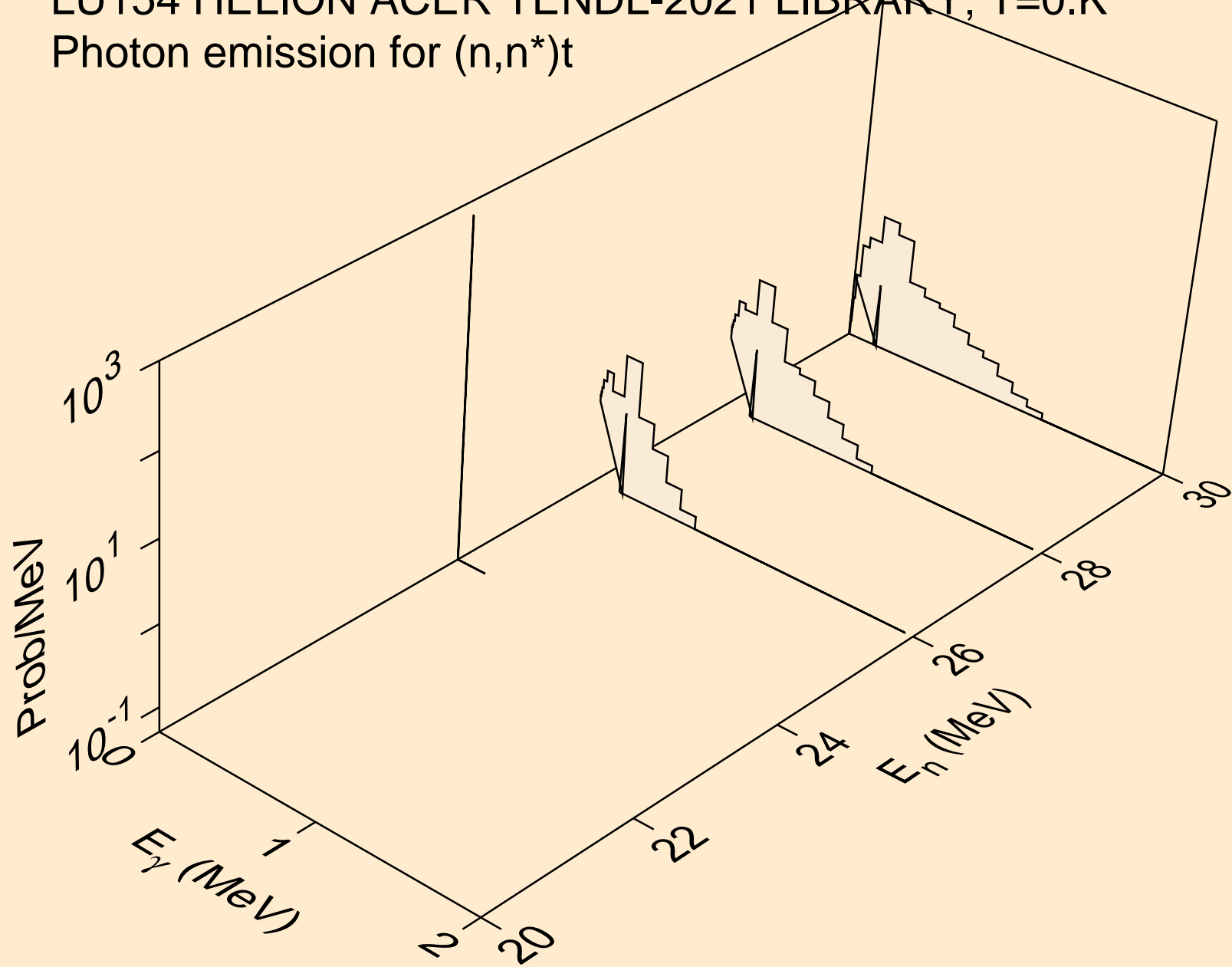
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Photon emission for (n,n\*)p



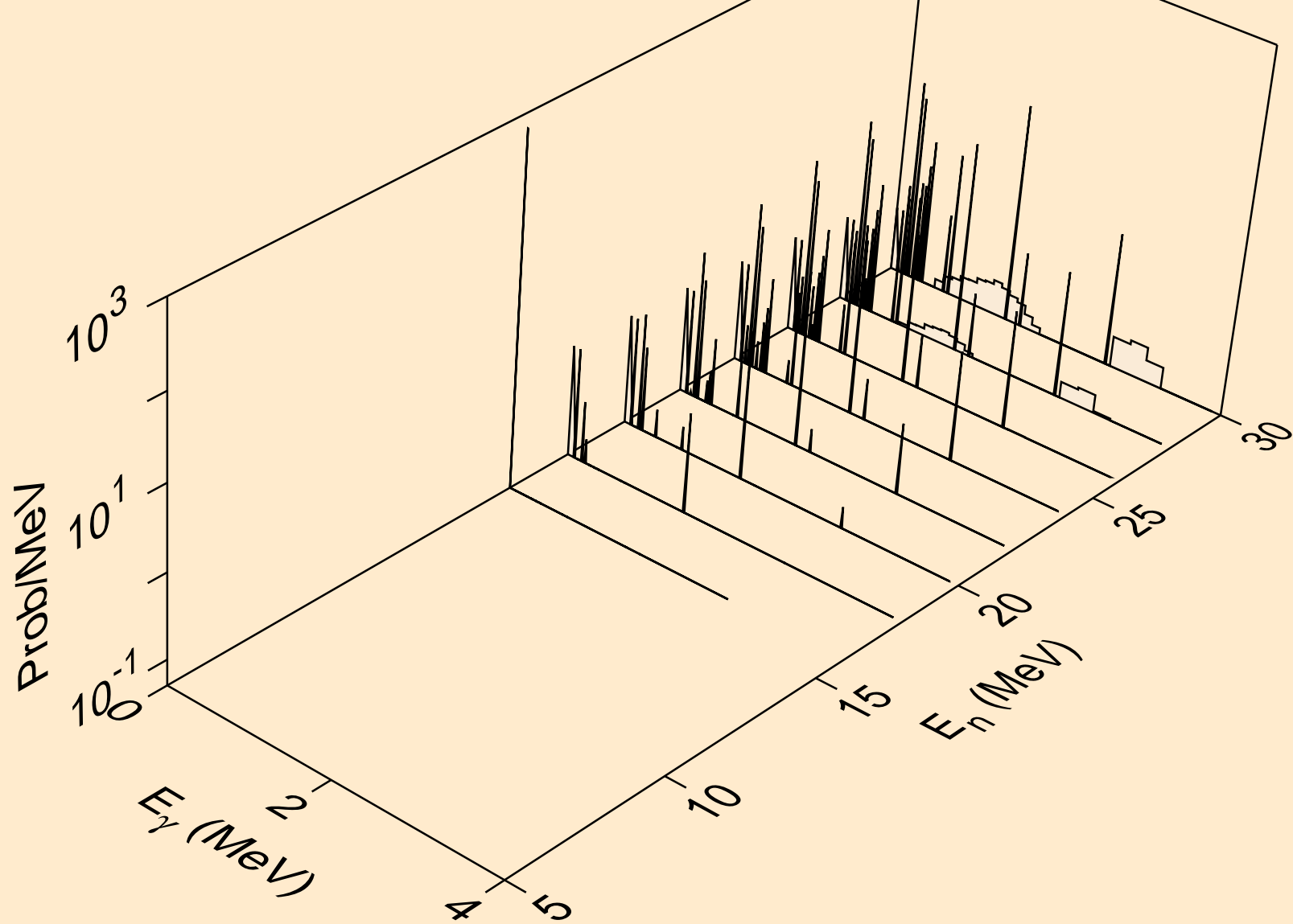
LU154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



LU154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

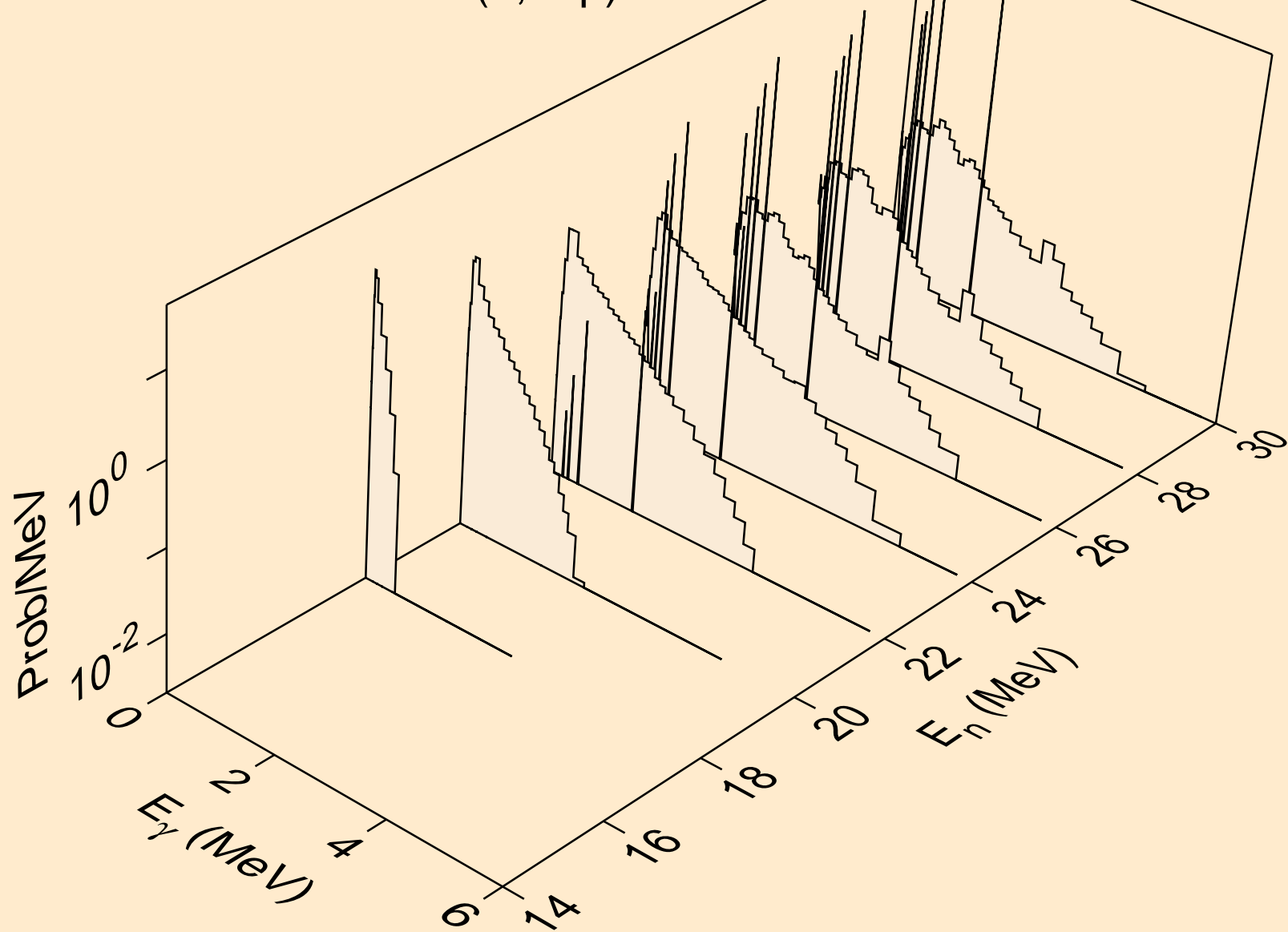


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Photon emission for (n,n\*)he3

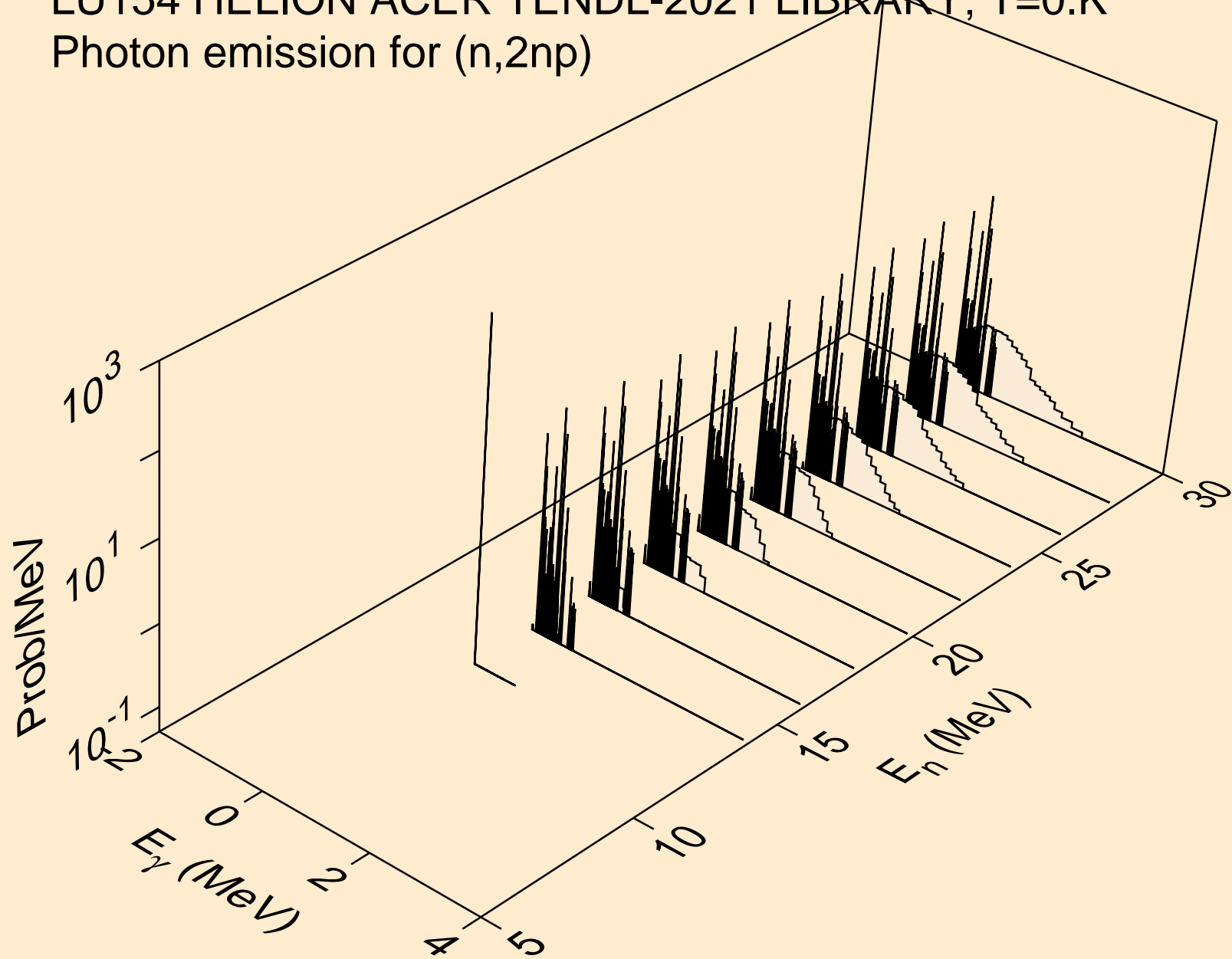




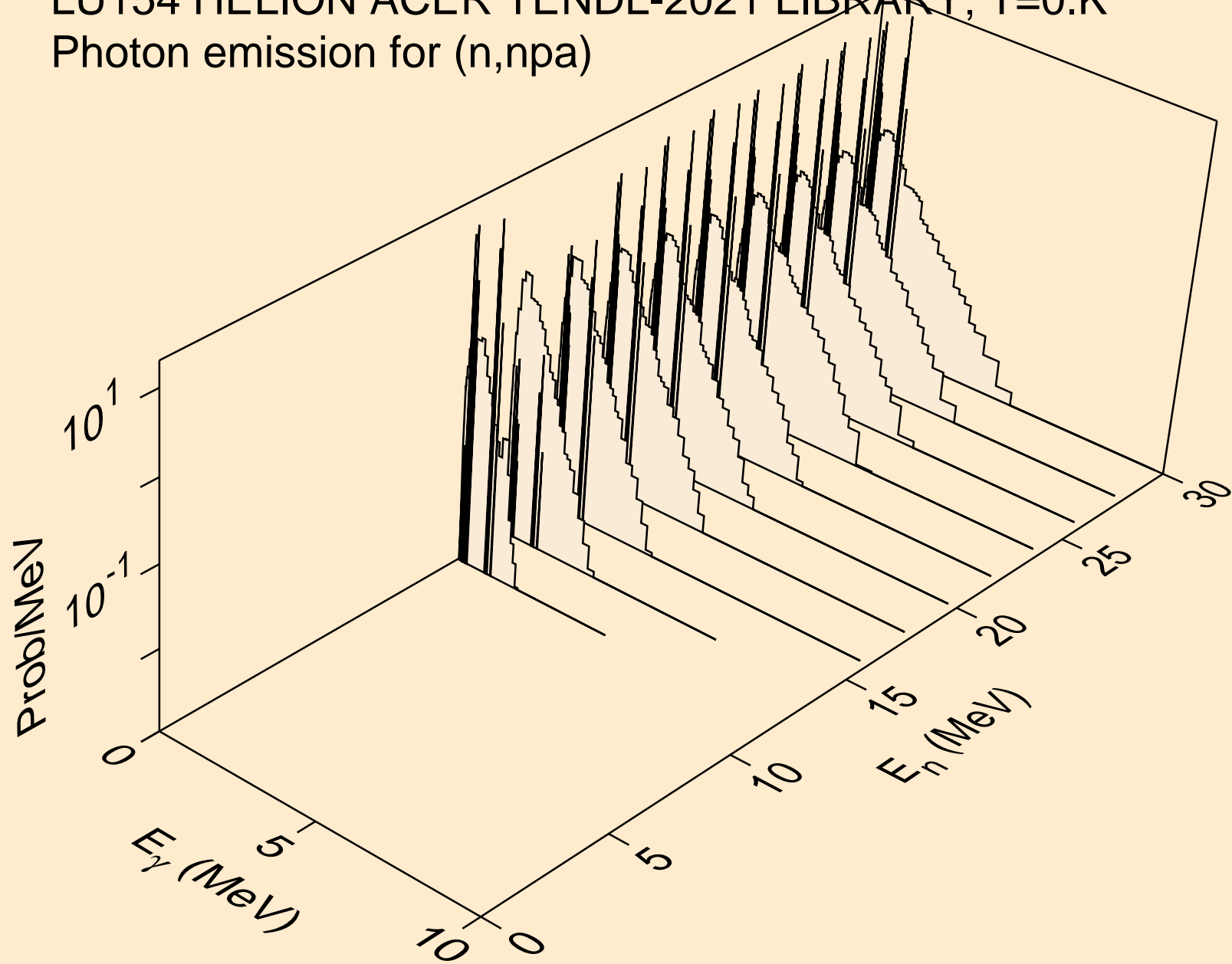
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Photon emission for (n,2np)



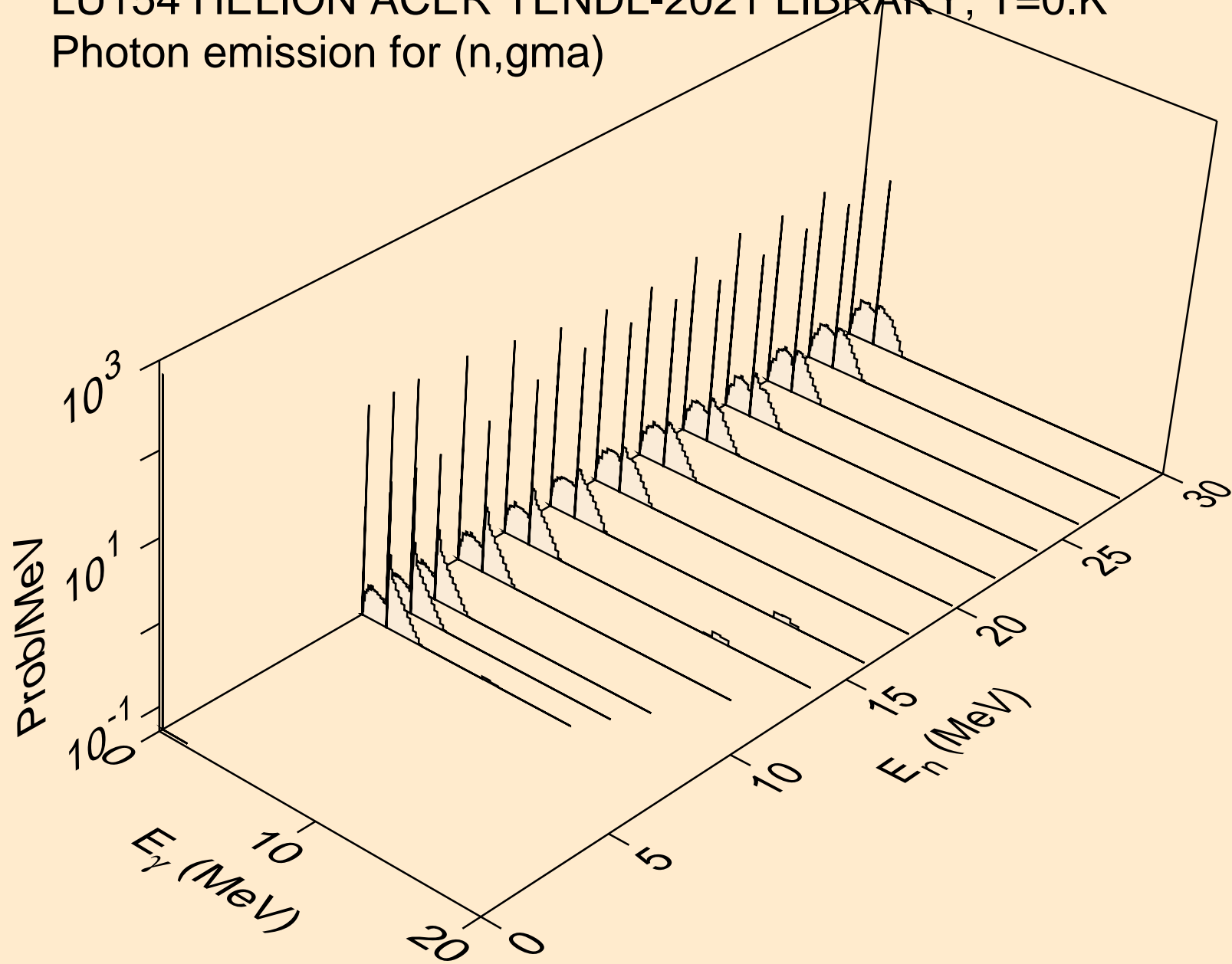
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Photon emission for (n,2np)



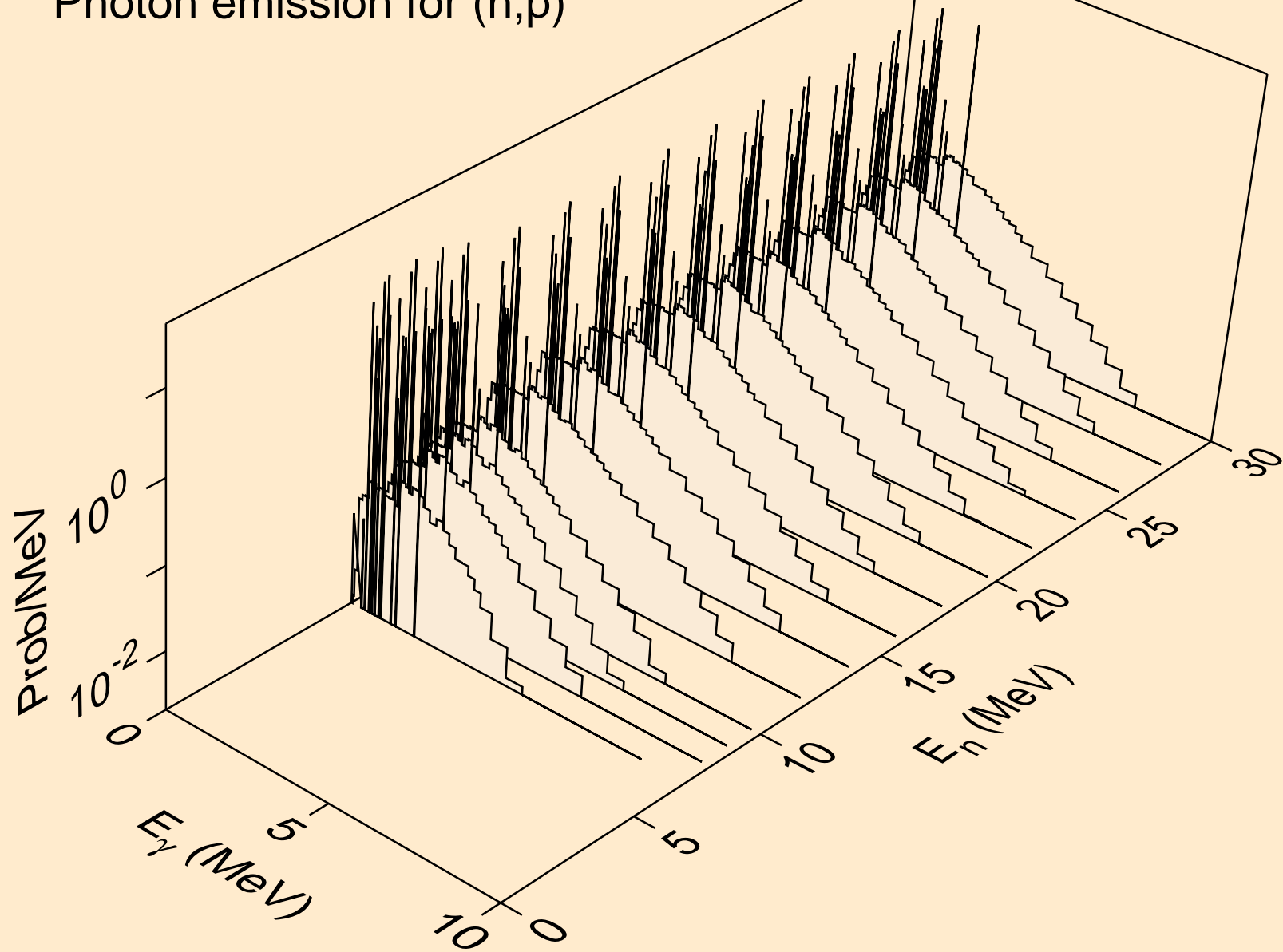
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Photon emission for (n,npa)



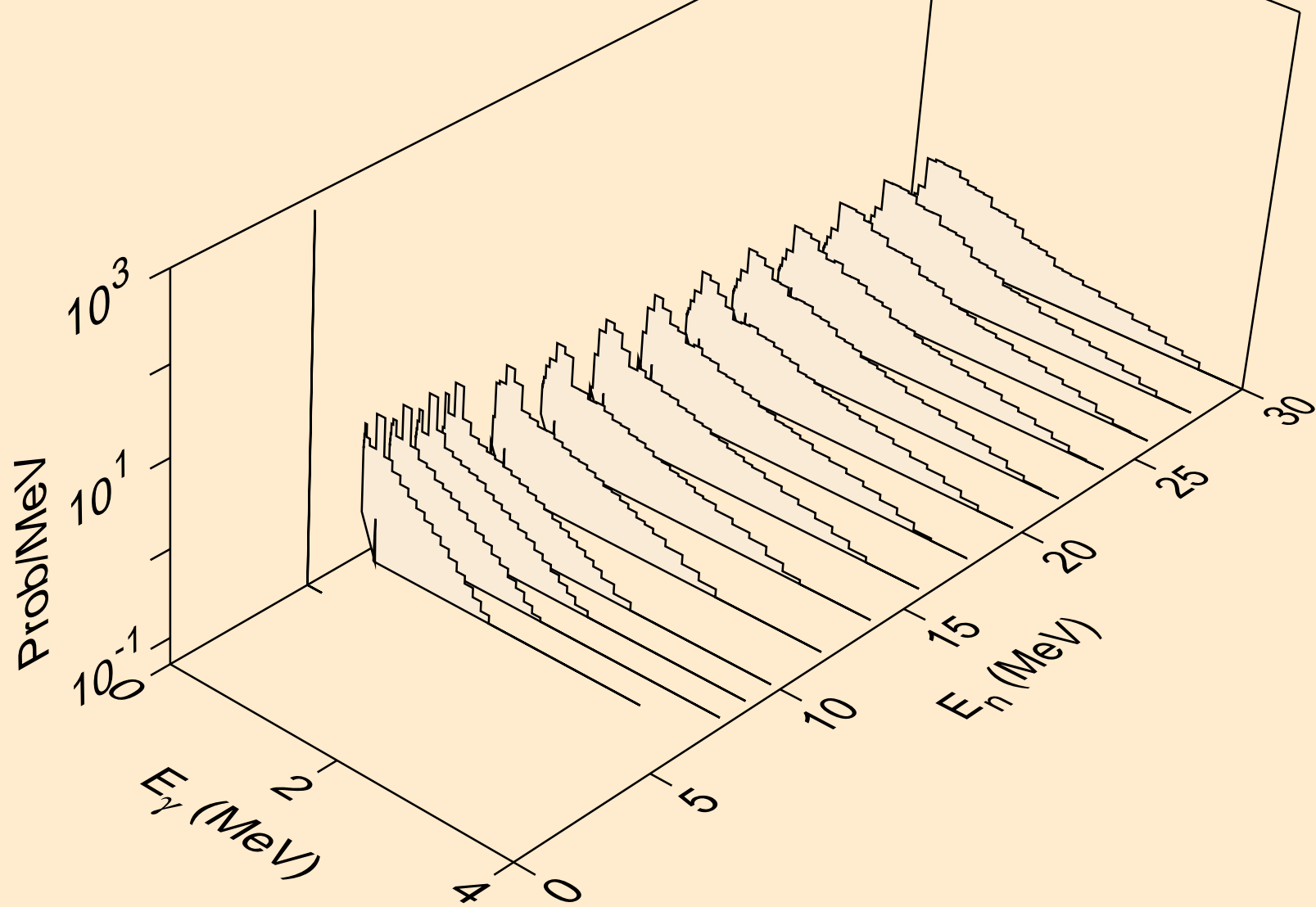
LU154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,gma)



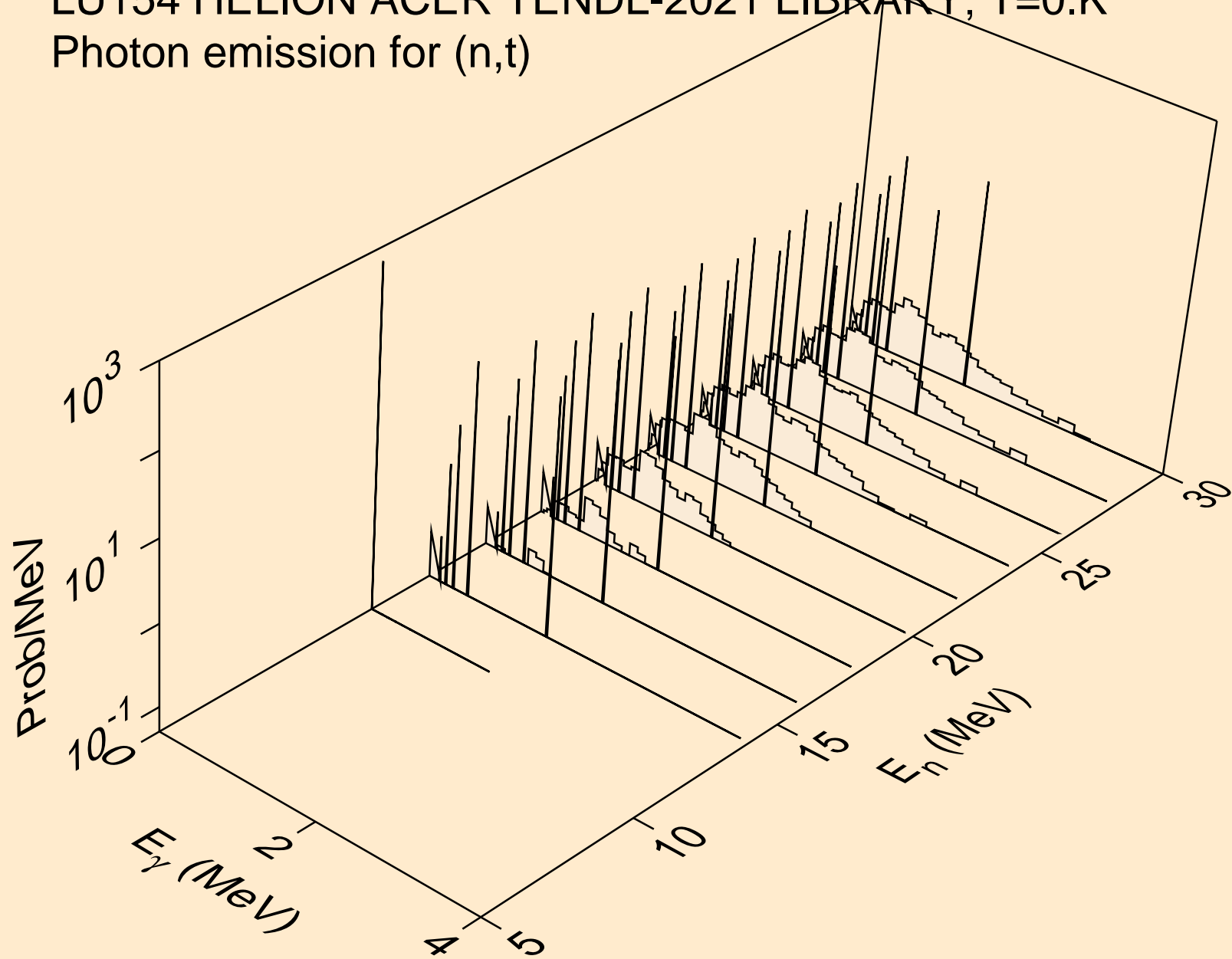
LU154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p)



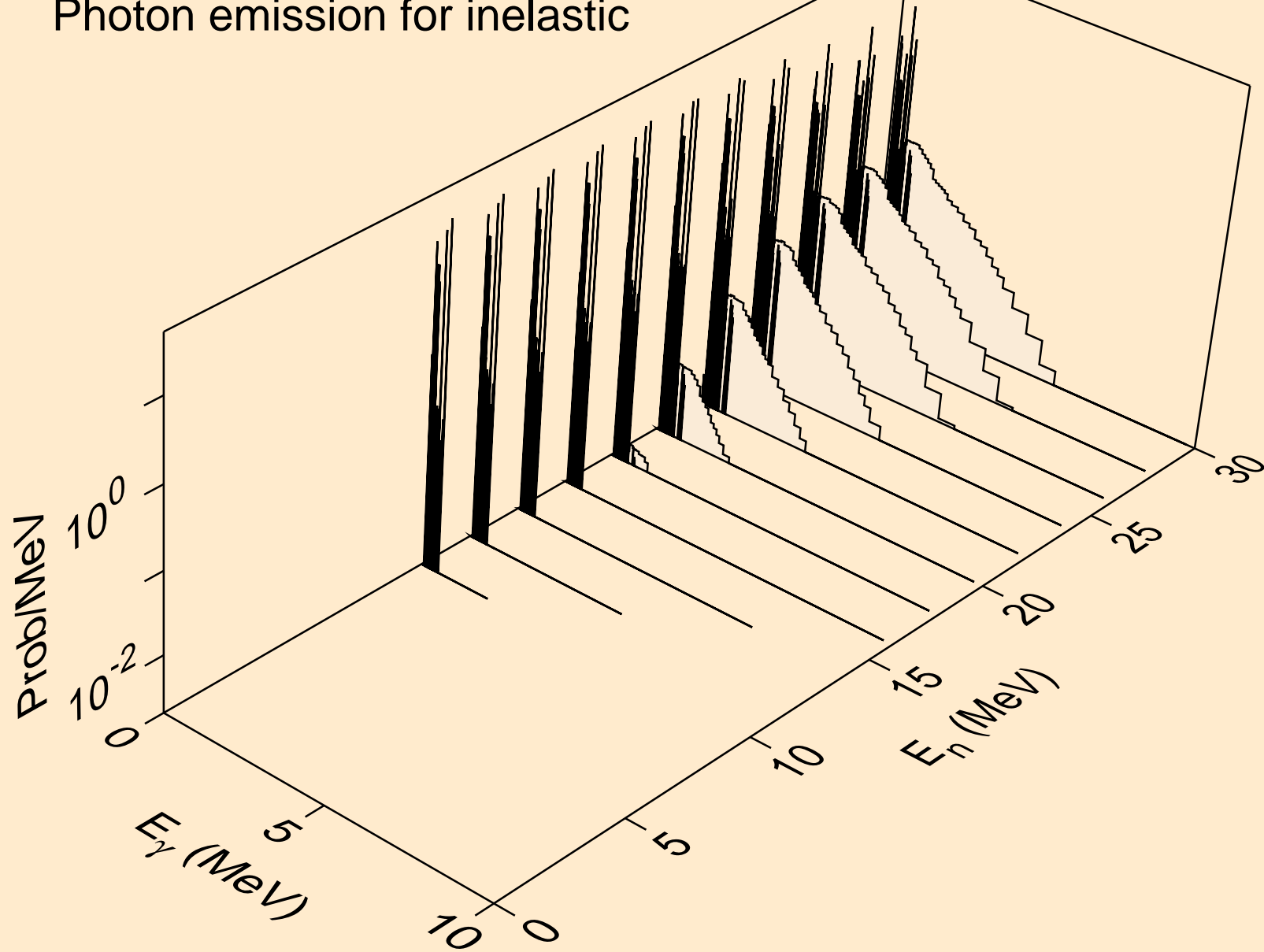
LU154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)



LU154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)

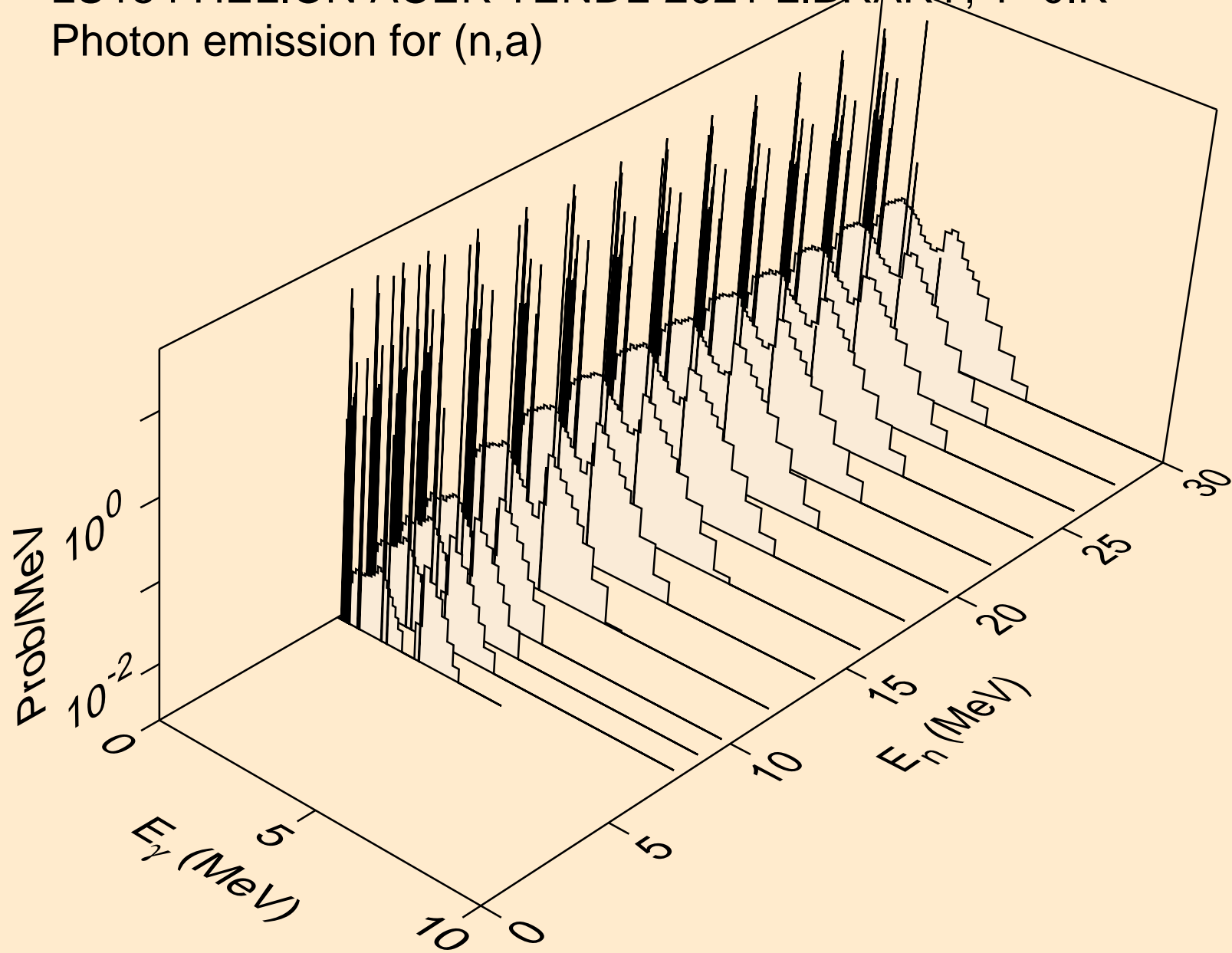


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Photon emission for inelastic

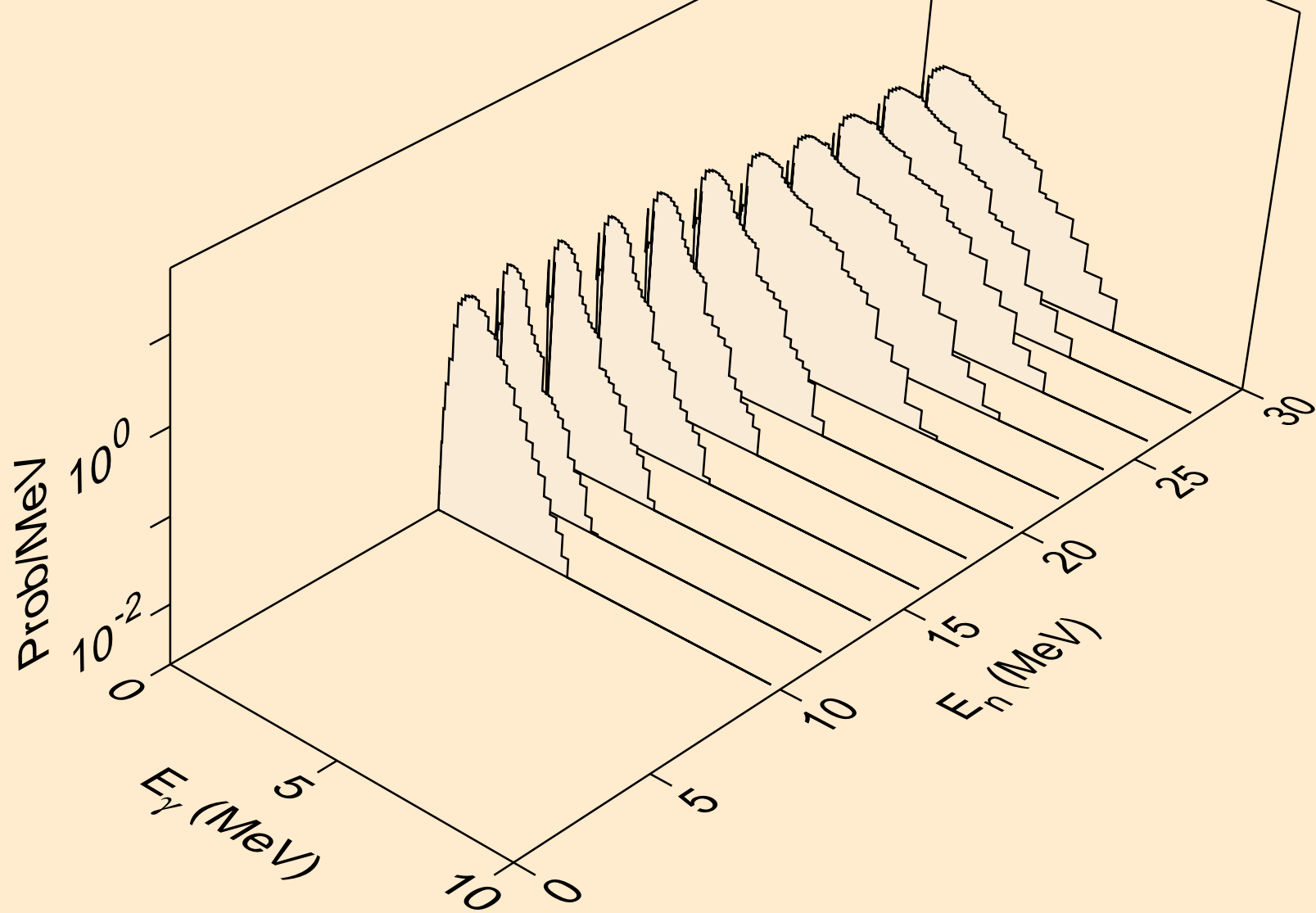




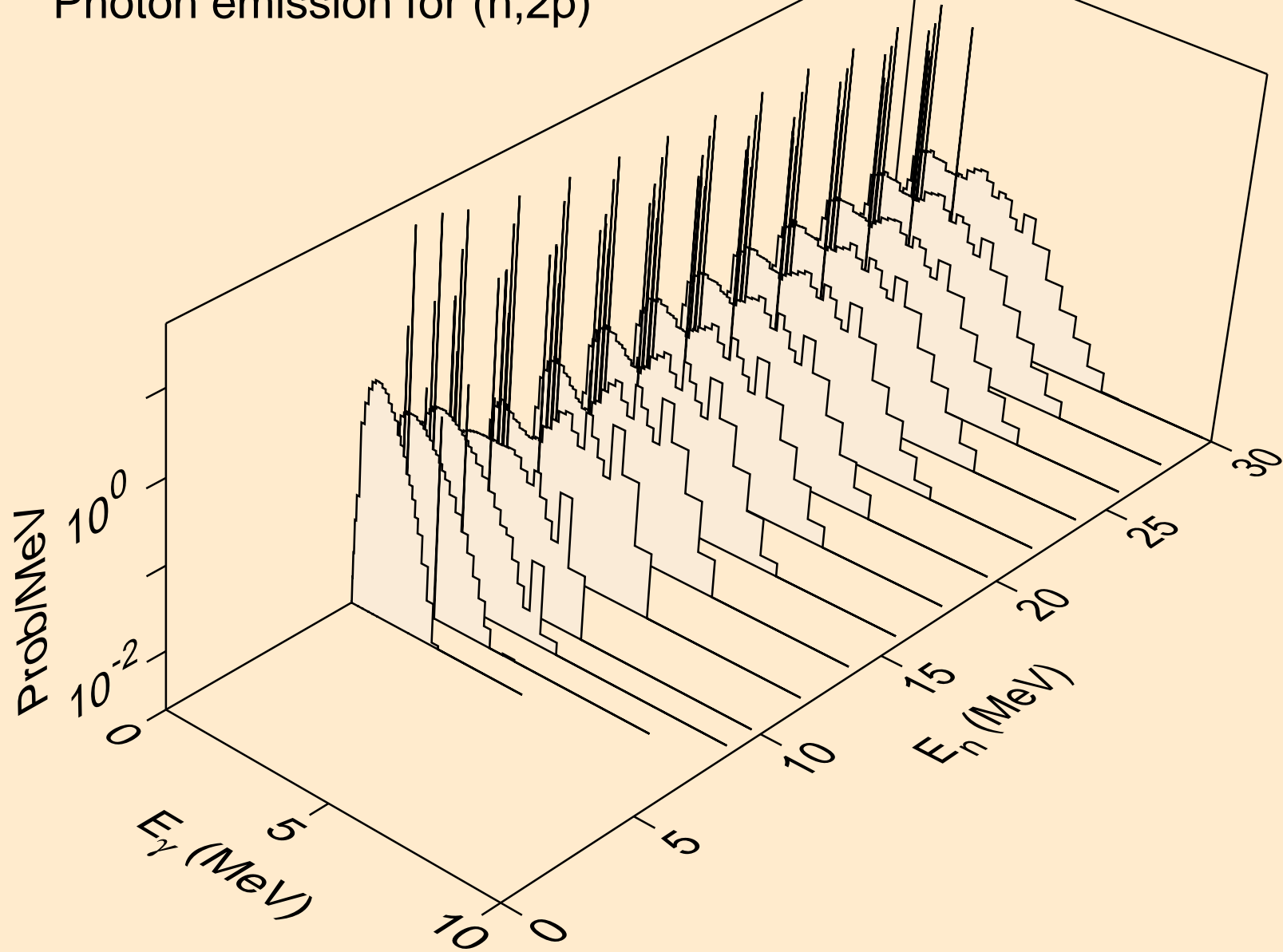
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Photon emission for (n,a)



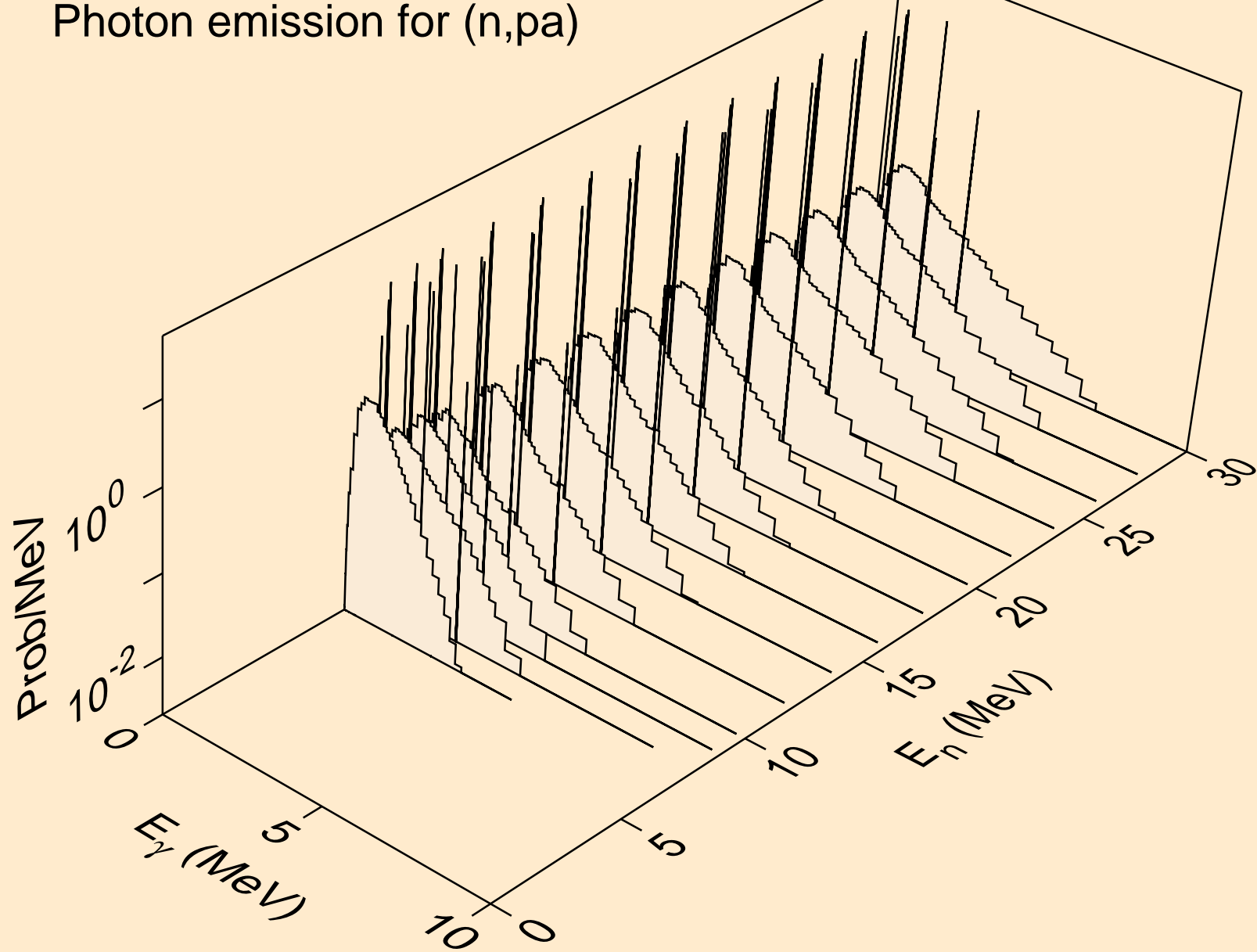
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Photon emission for (n,2a)



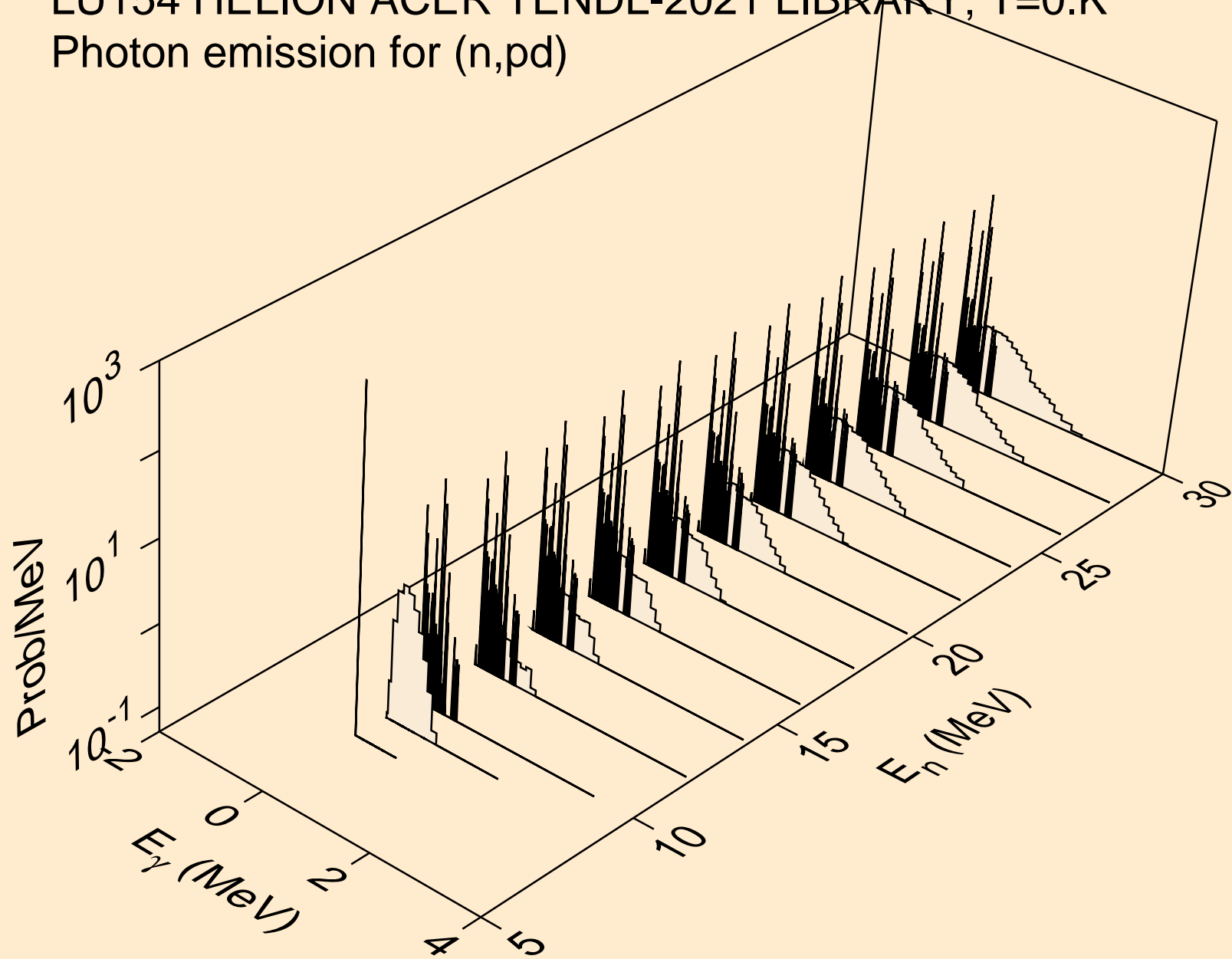
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Photon emission for (n,2p)



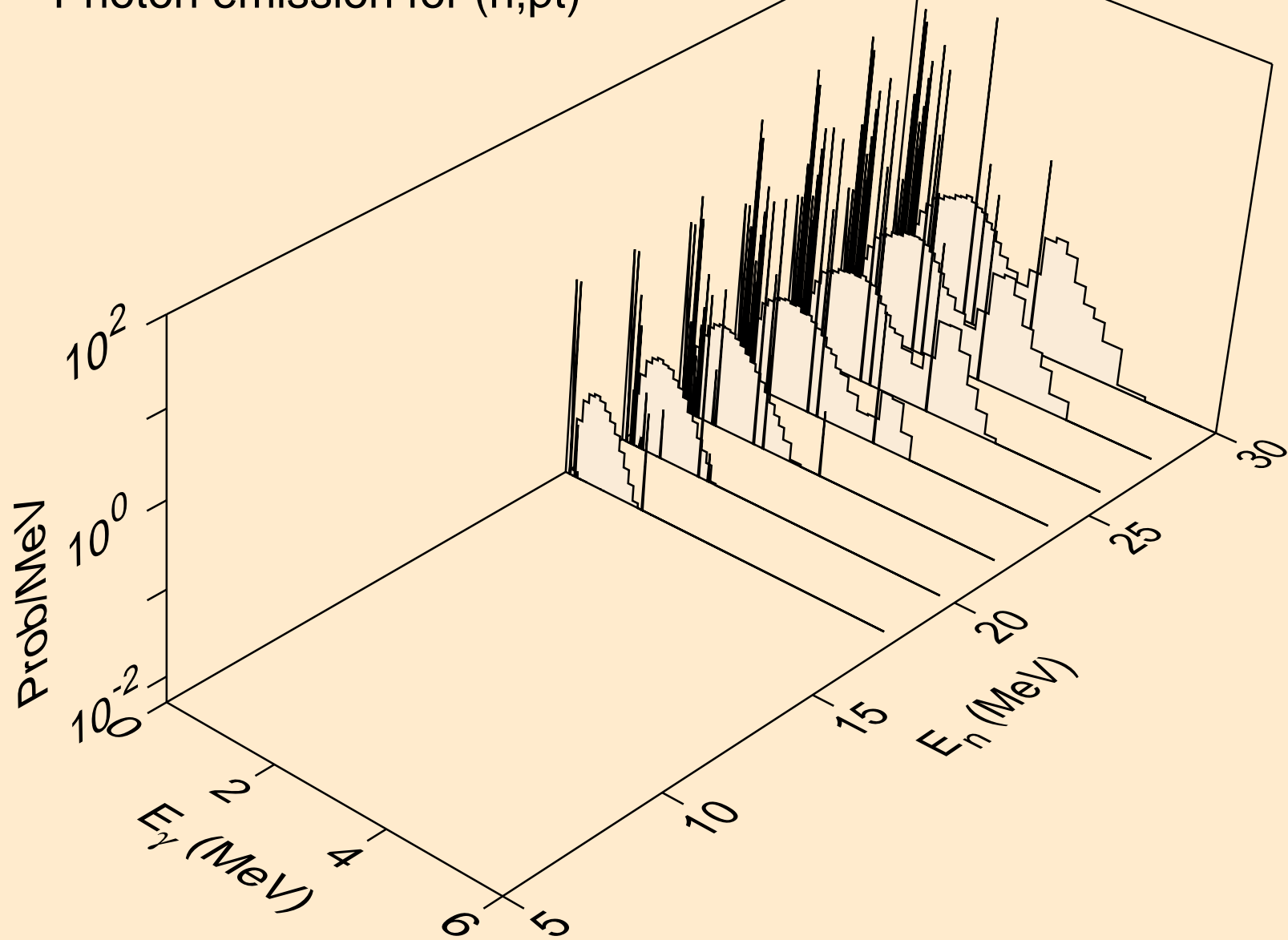
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Photon emission for (n,pa)



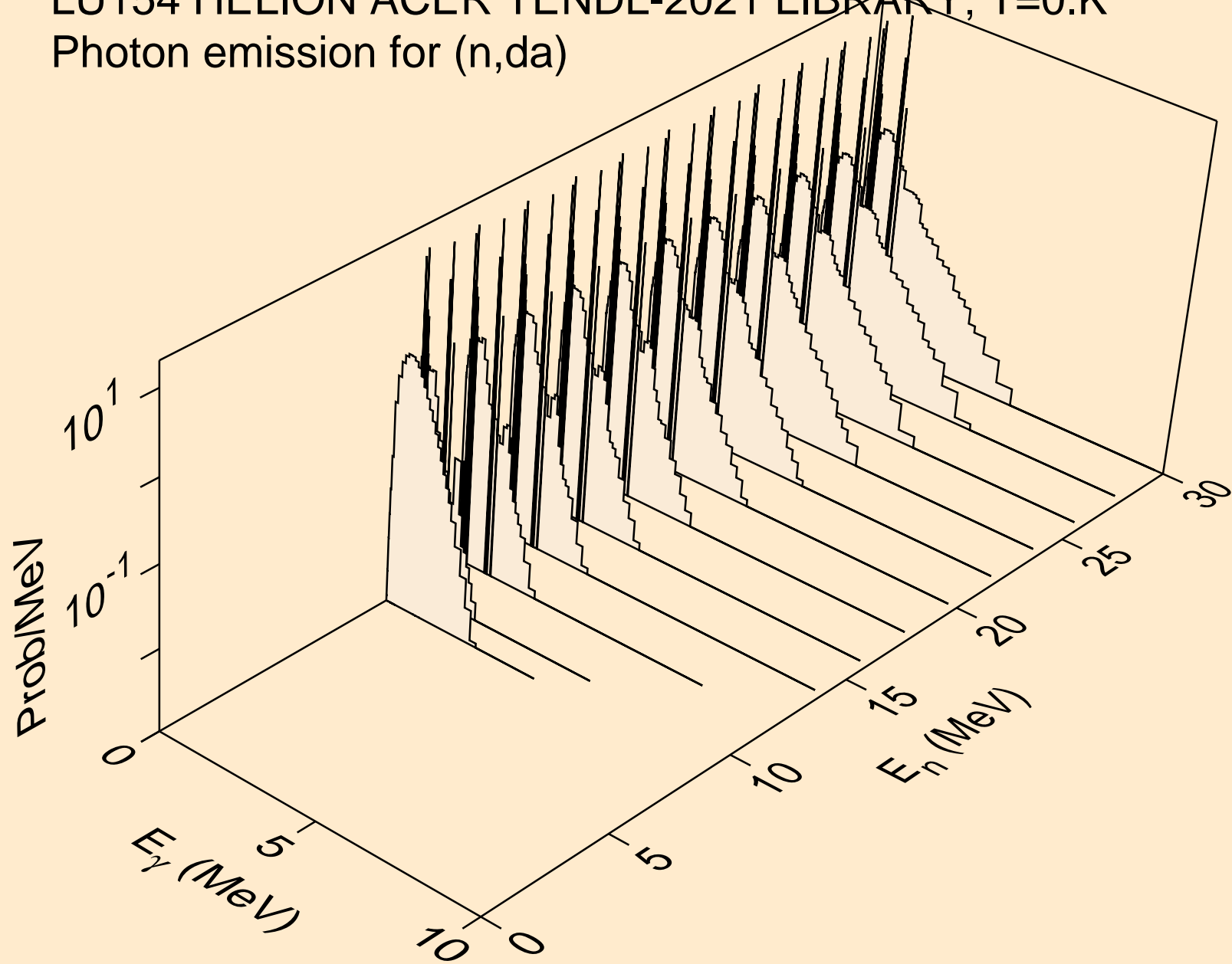
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Photon emission for (n,pd)



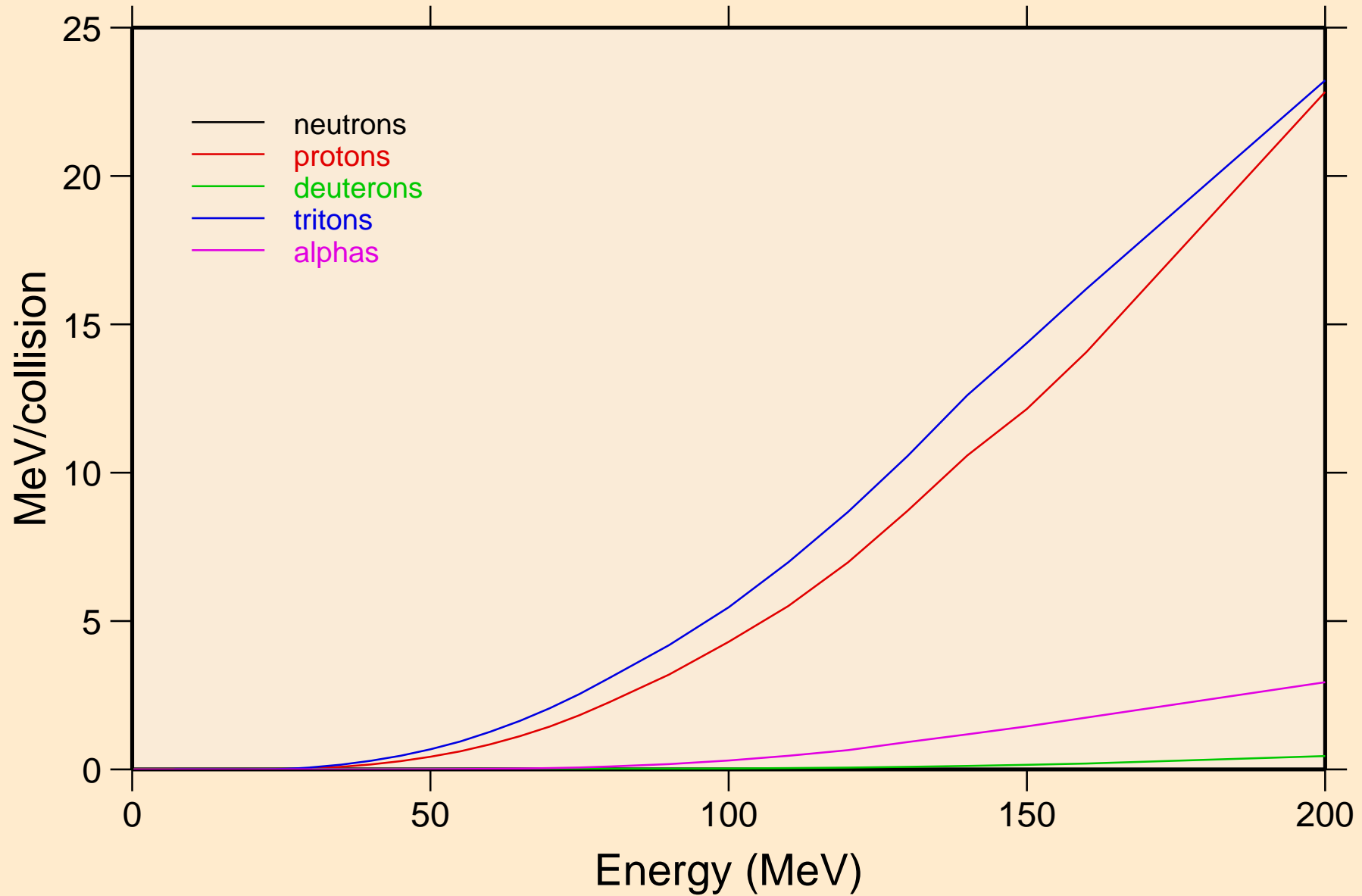
LU154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)



LU154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,da)

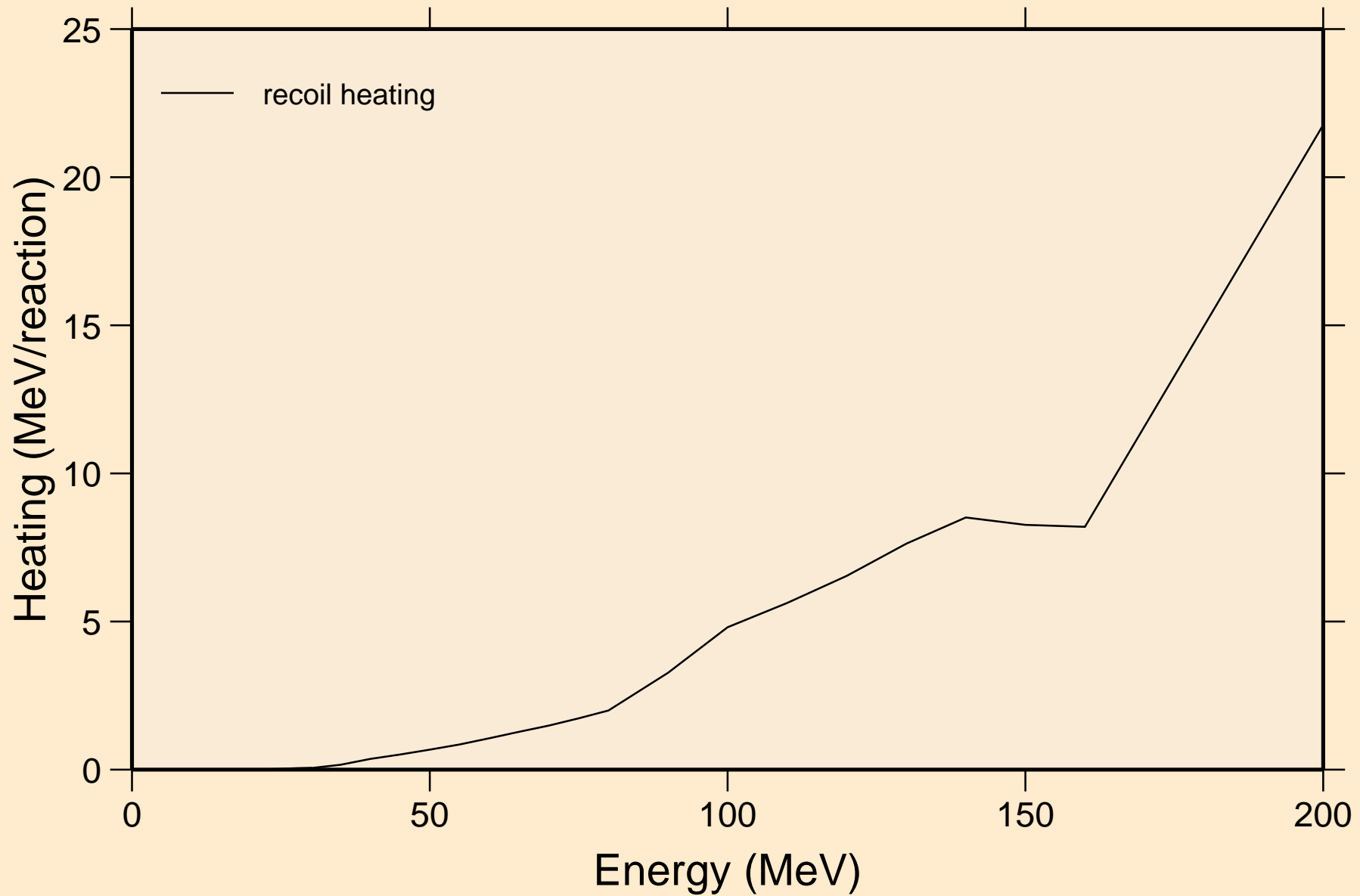


LU154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Particle heating contributions

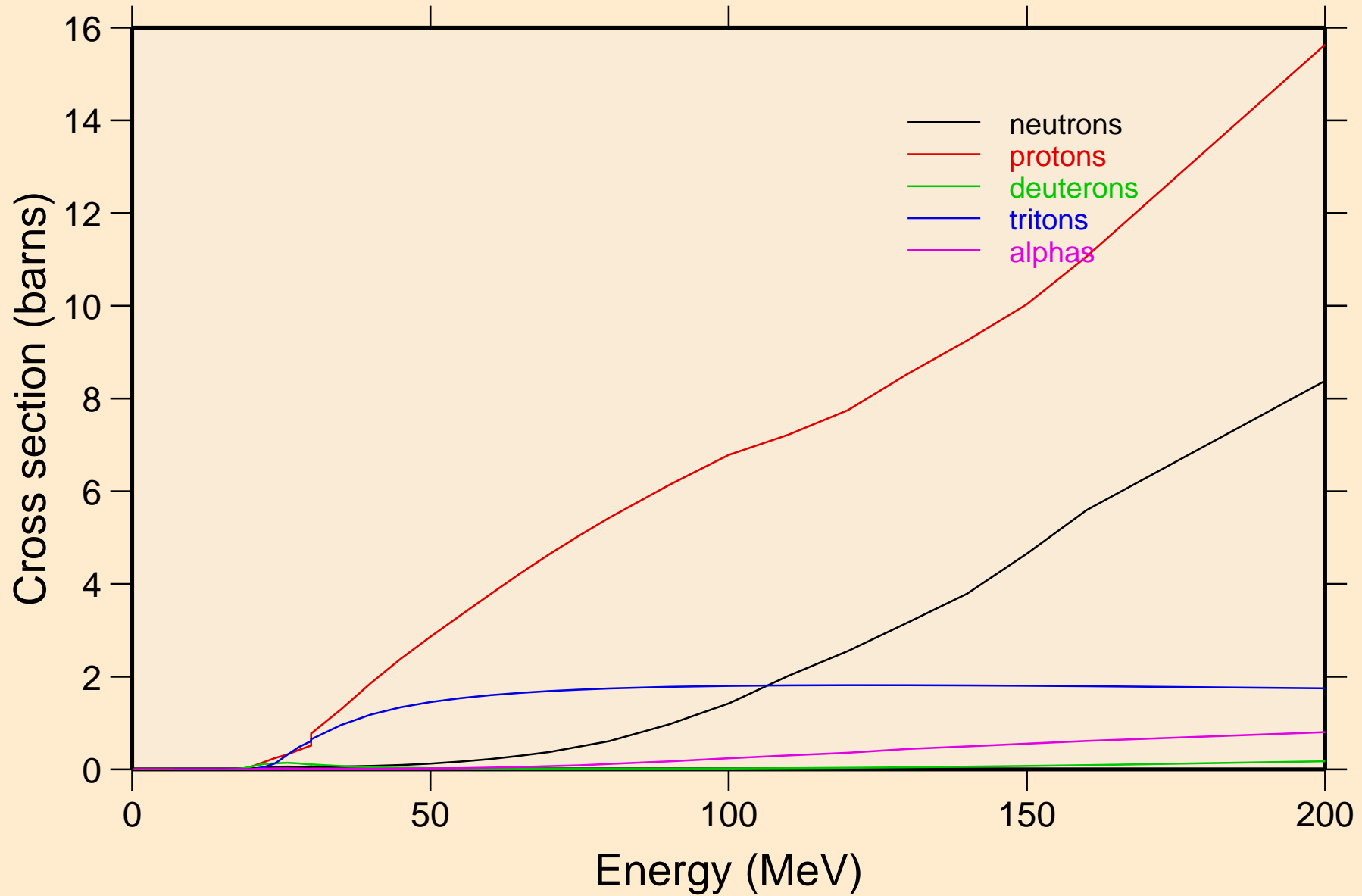




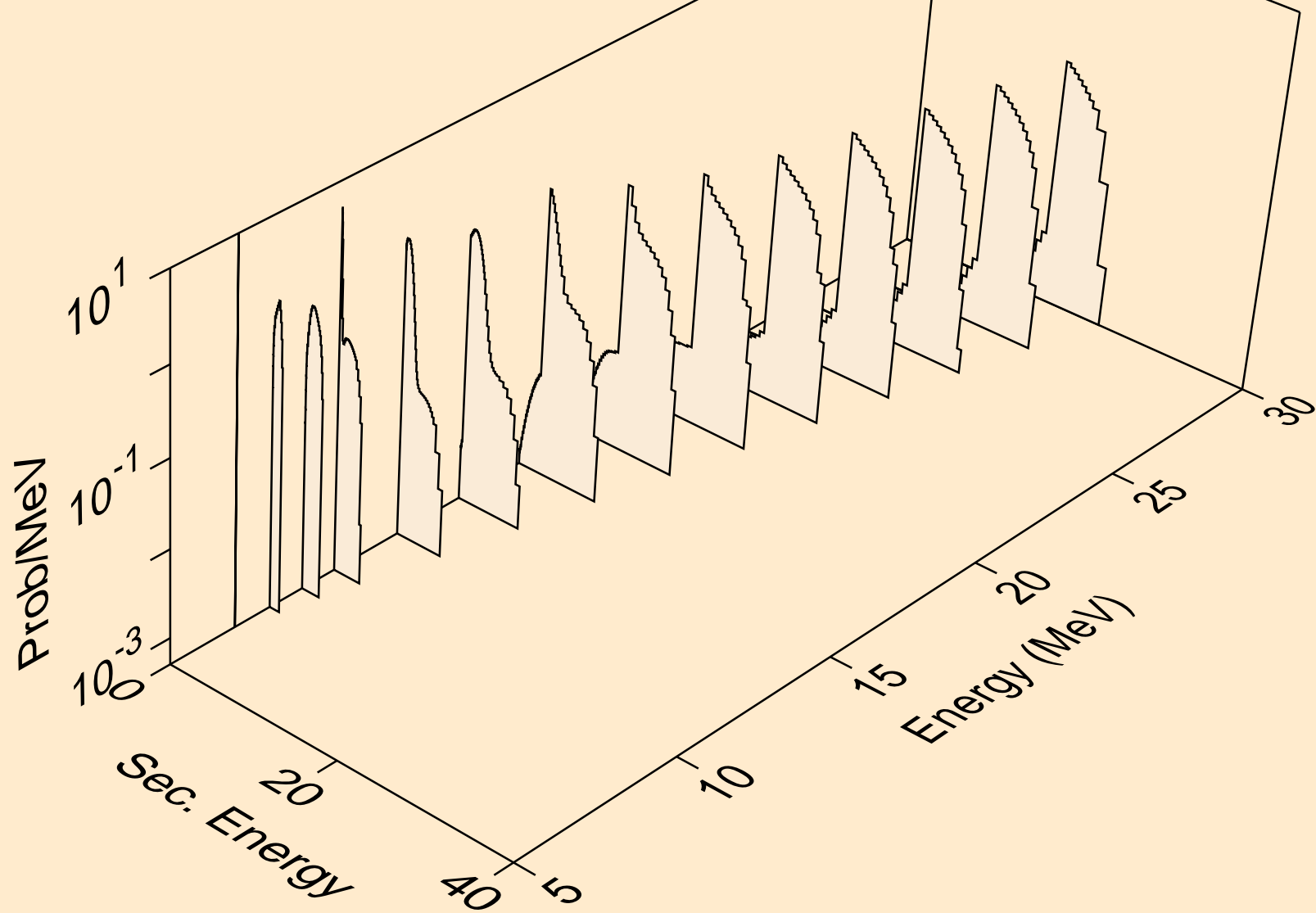
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Recoil Heating



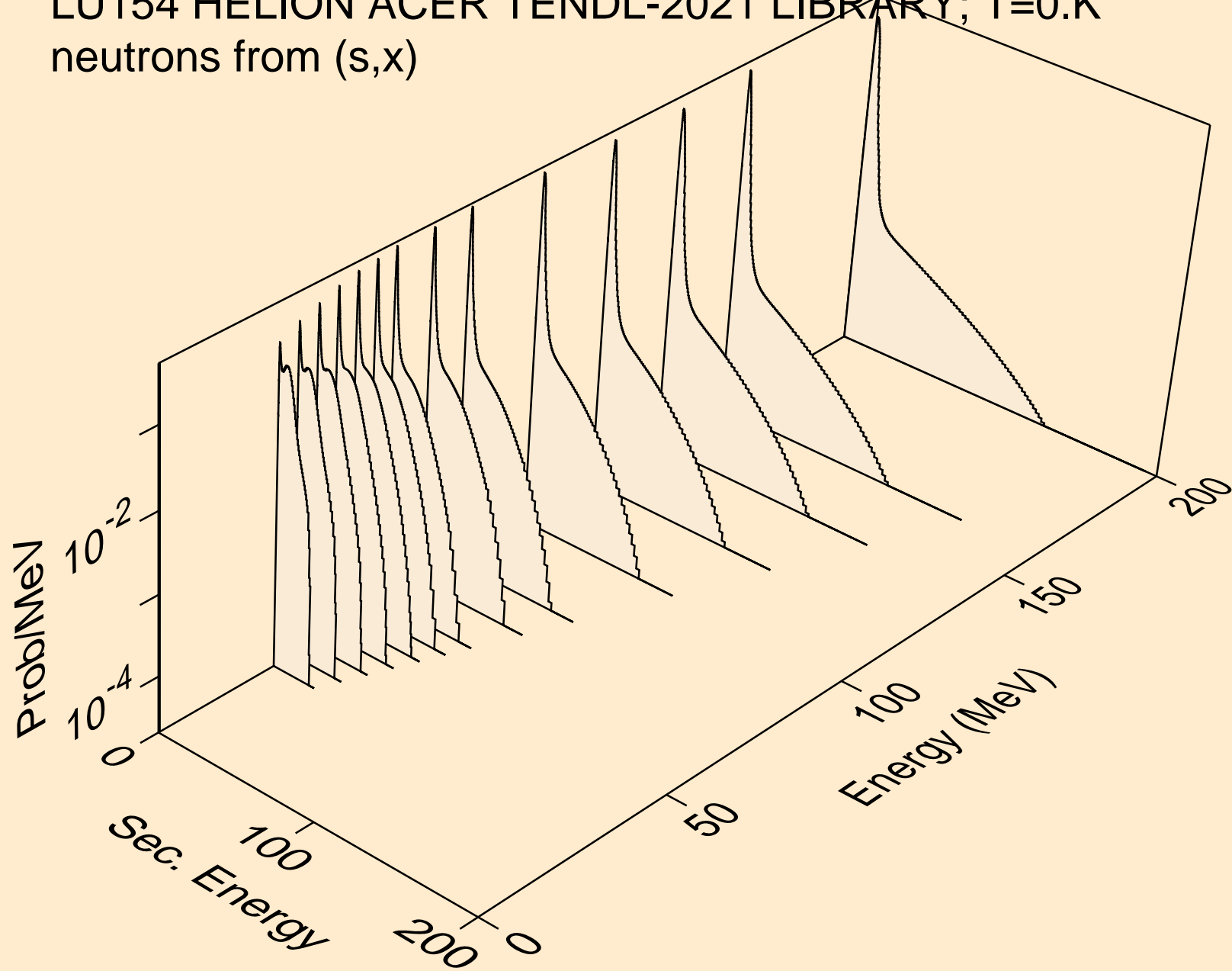
LU154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



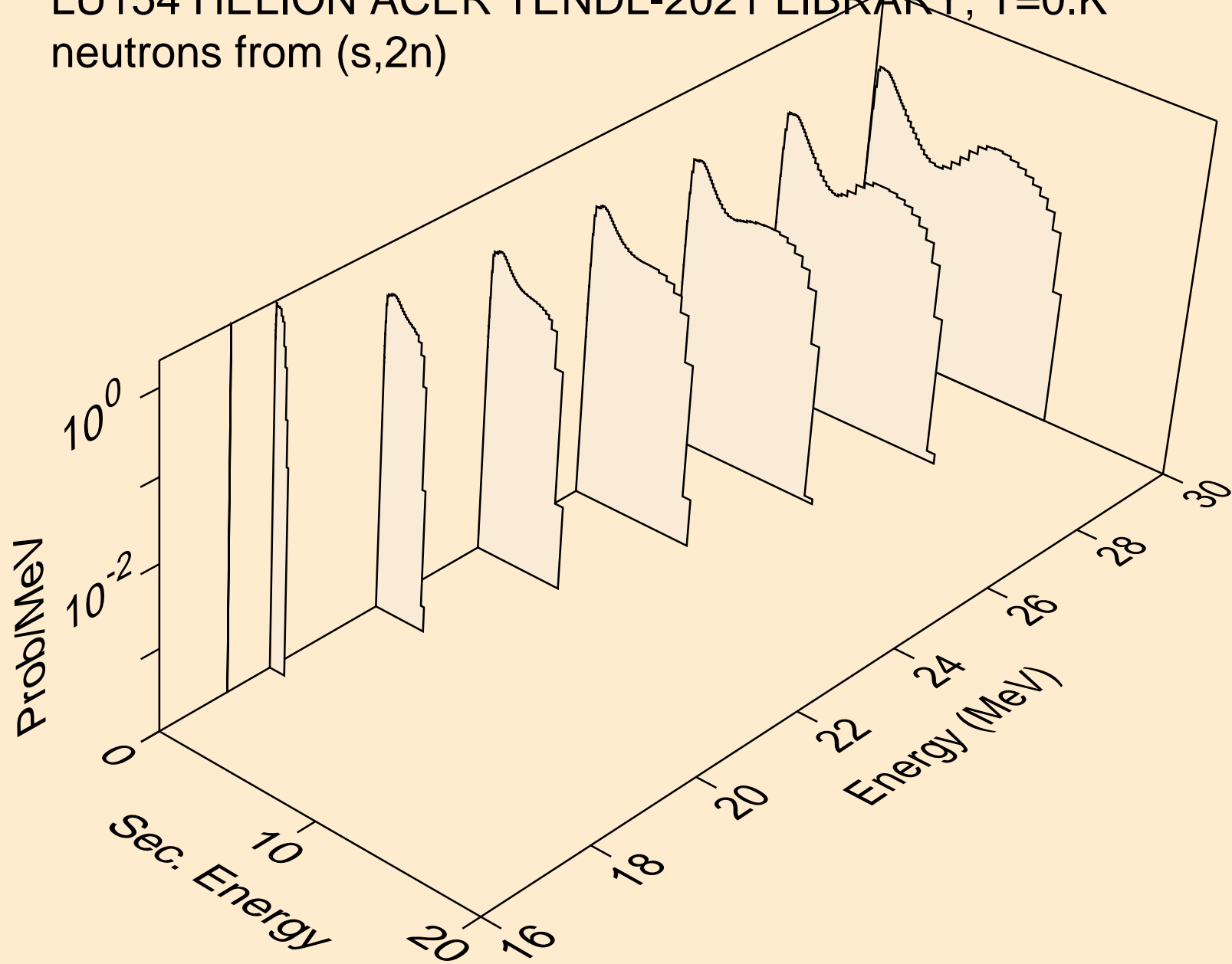
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neutrons from (s,n)



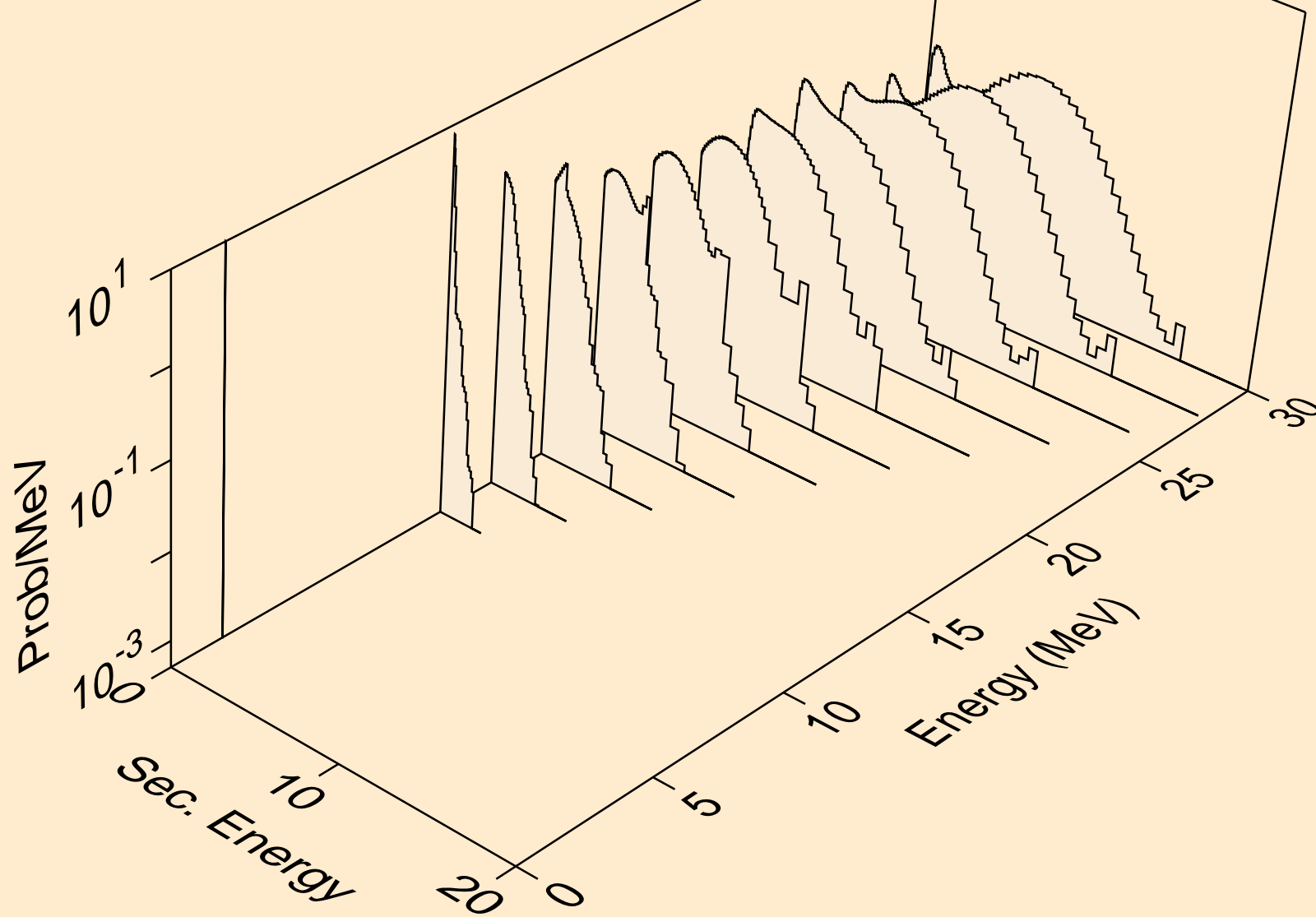
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neutrons from (s,x)



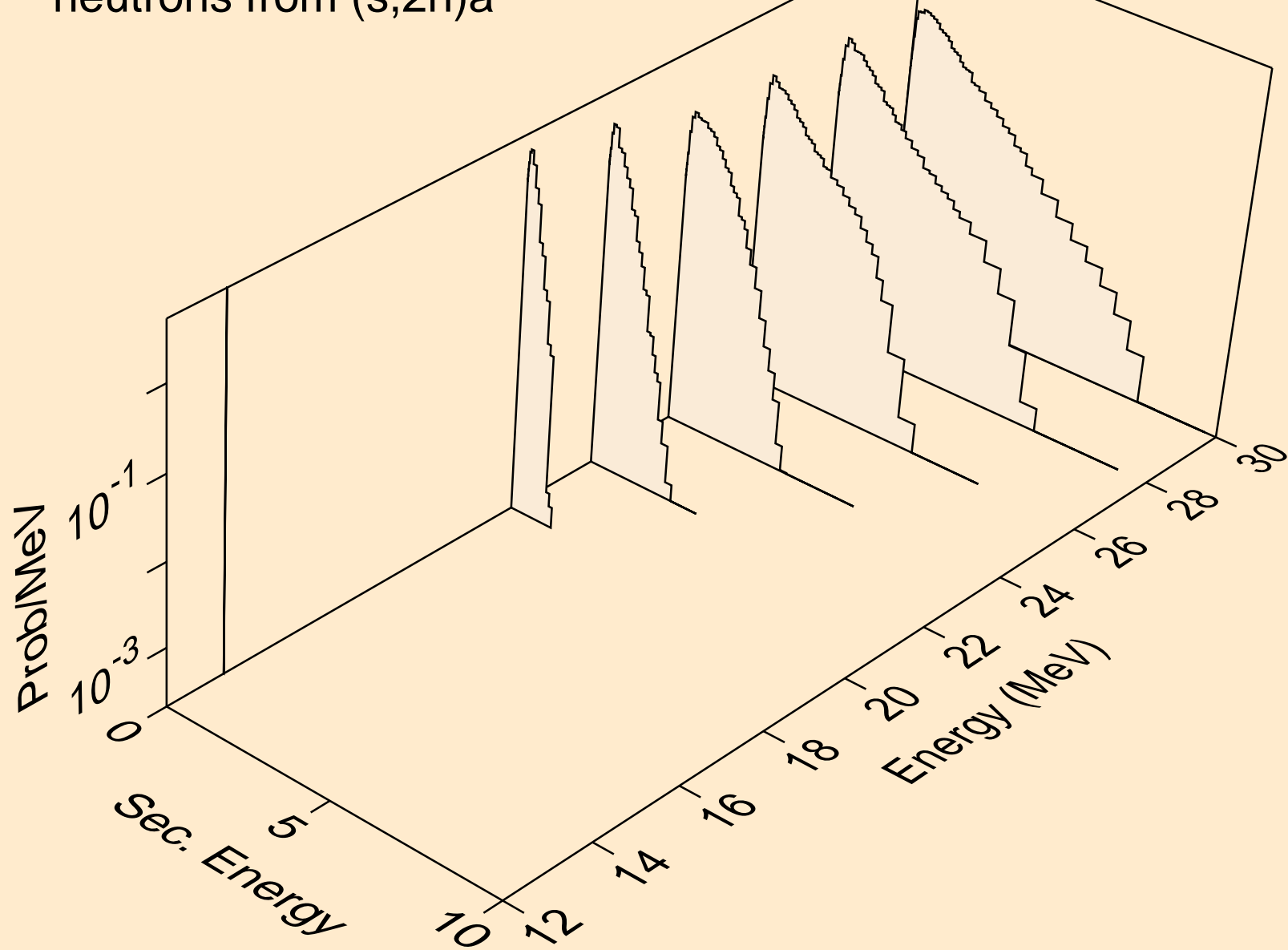
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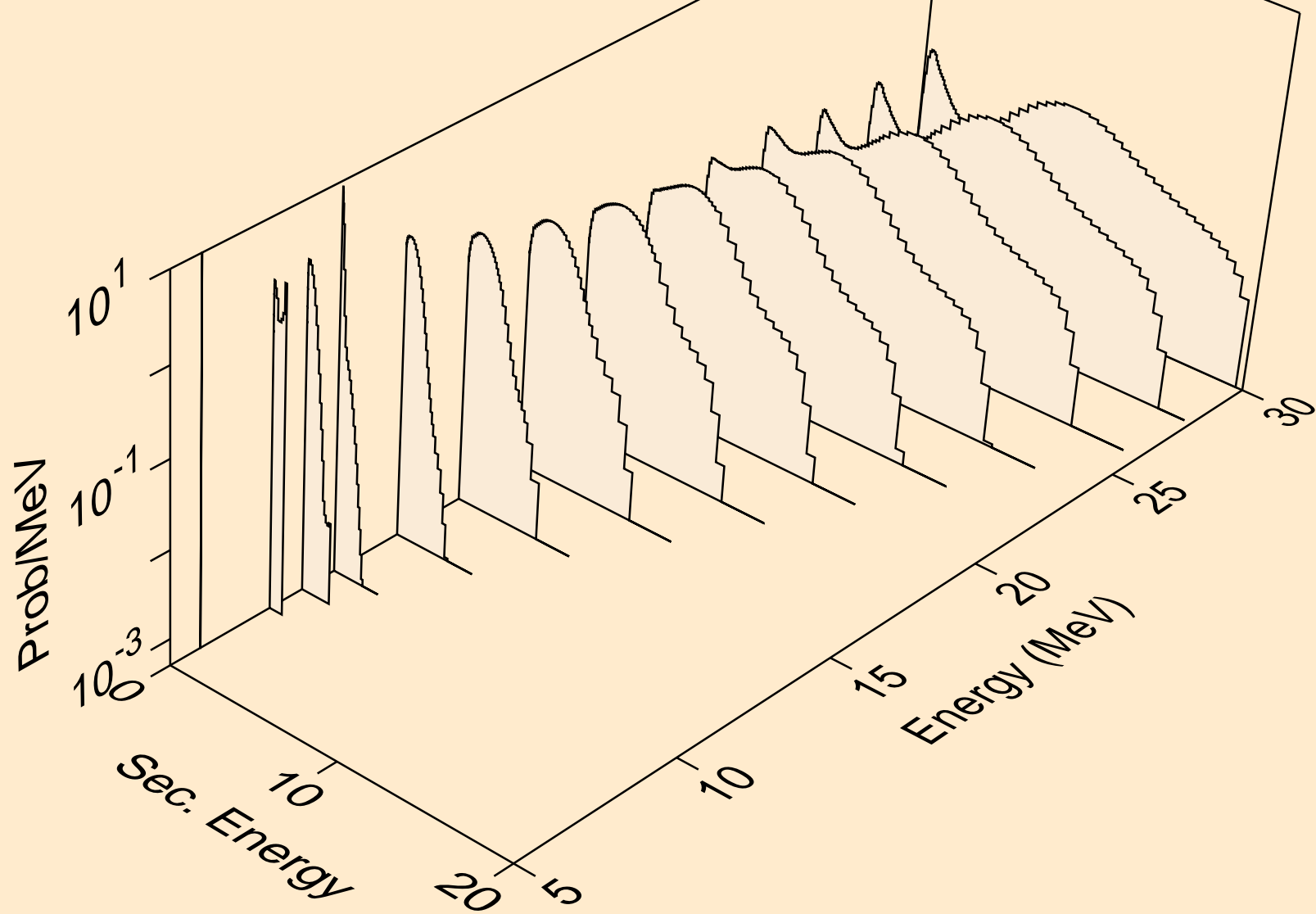
LU154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)a



LU154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
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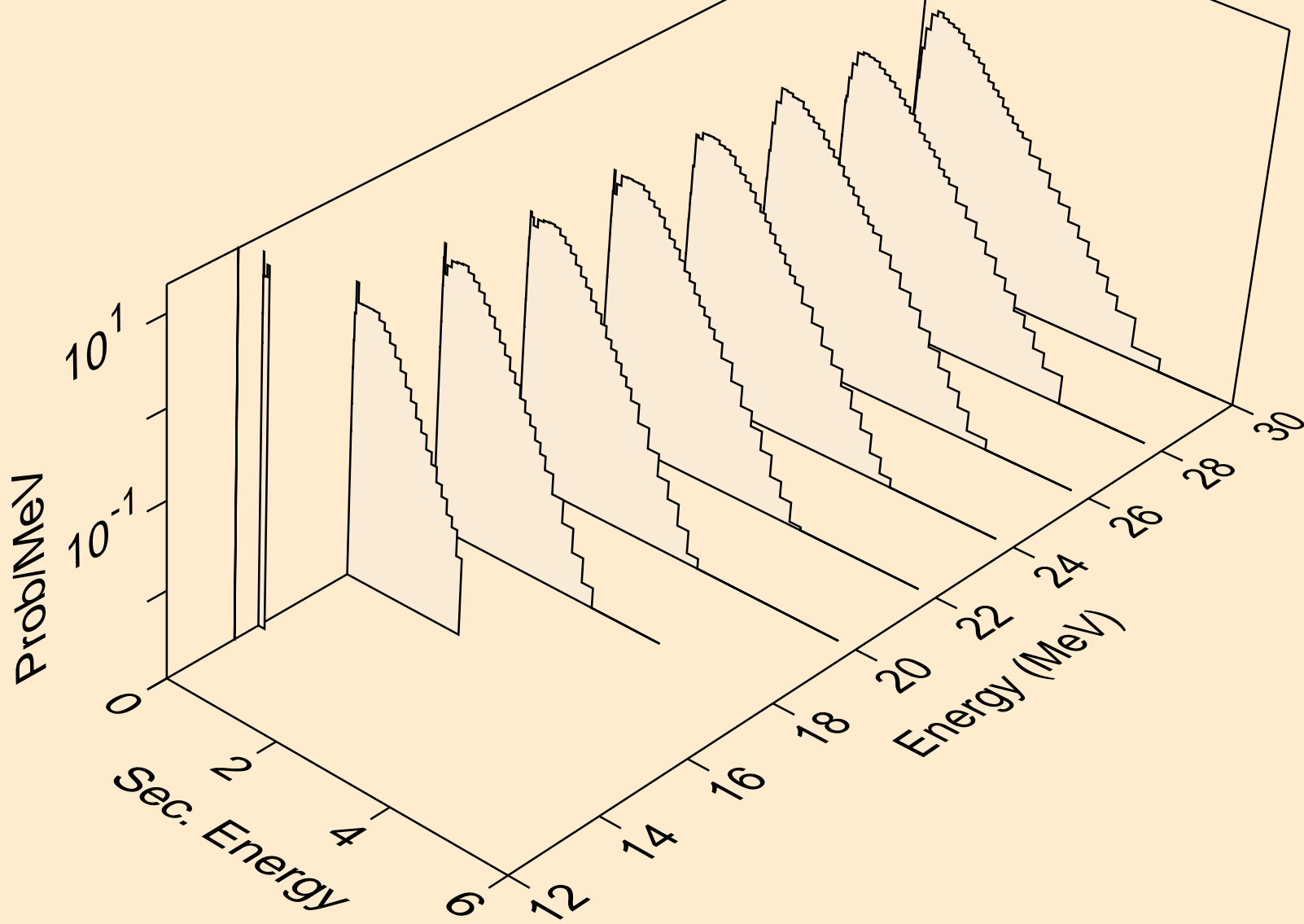


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neutrons from (s,n\*)p

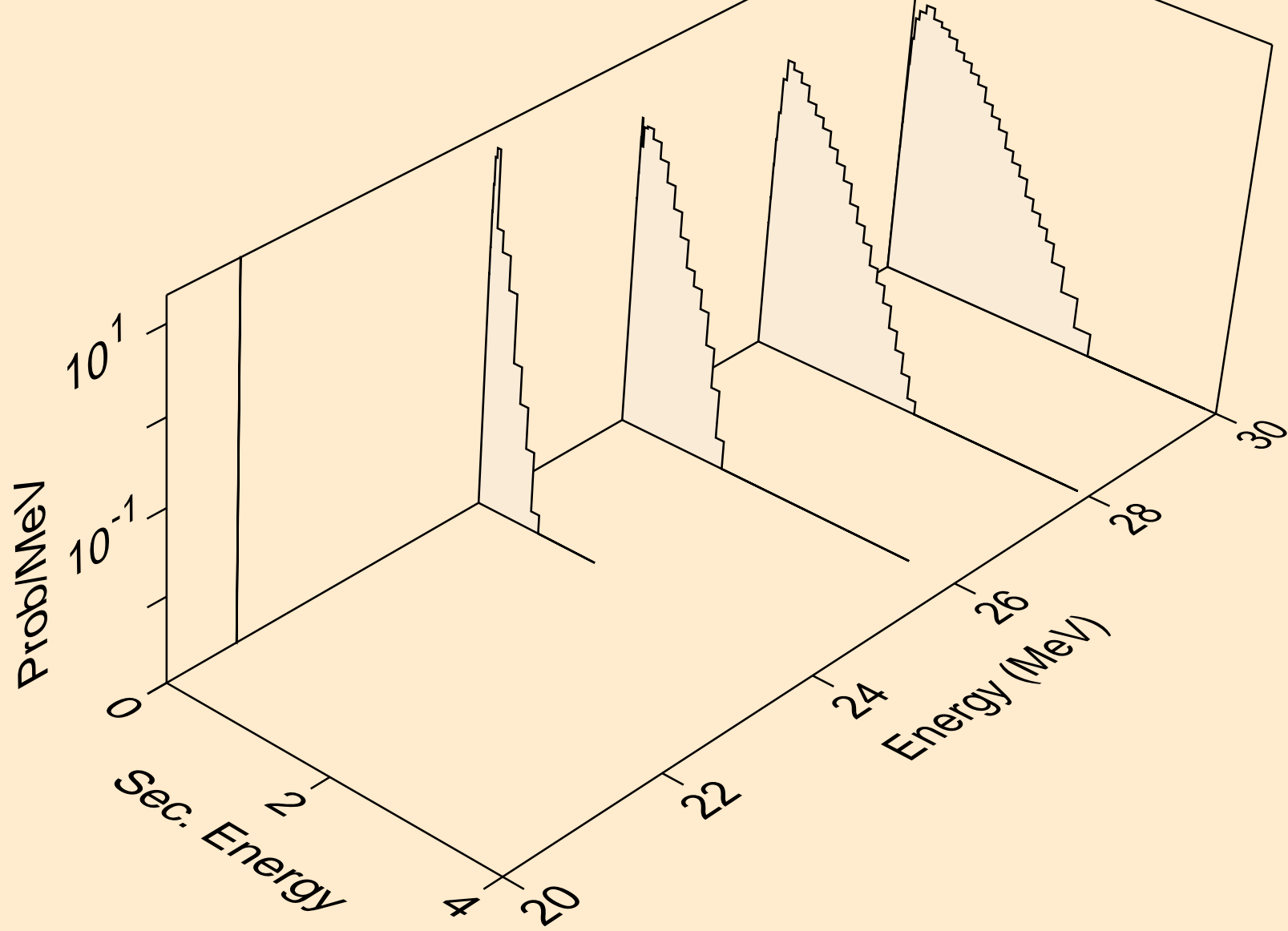




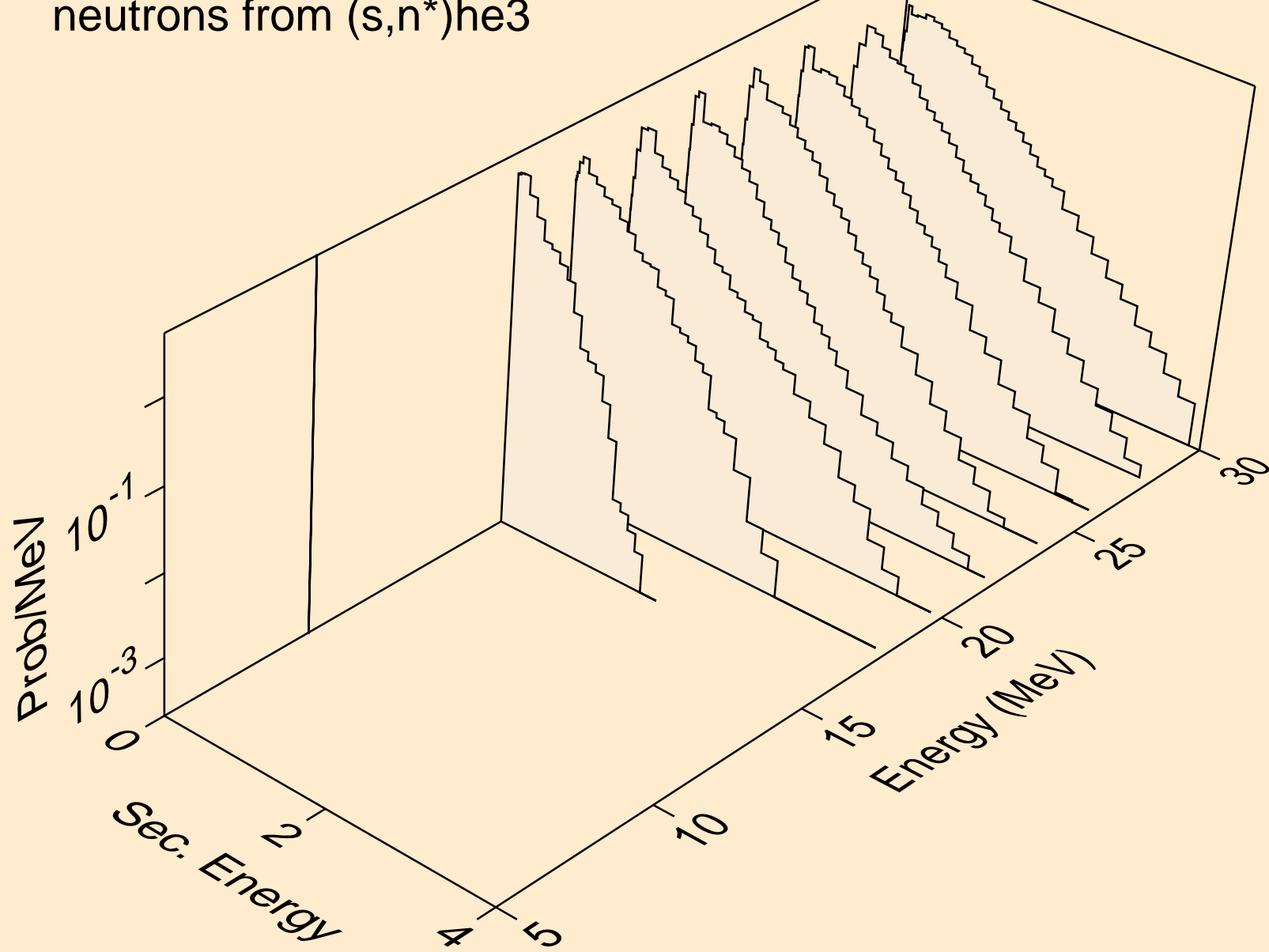
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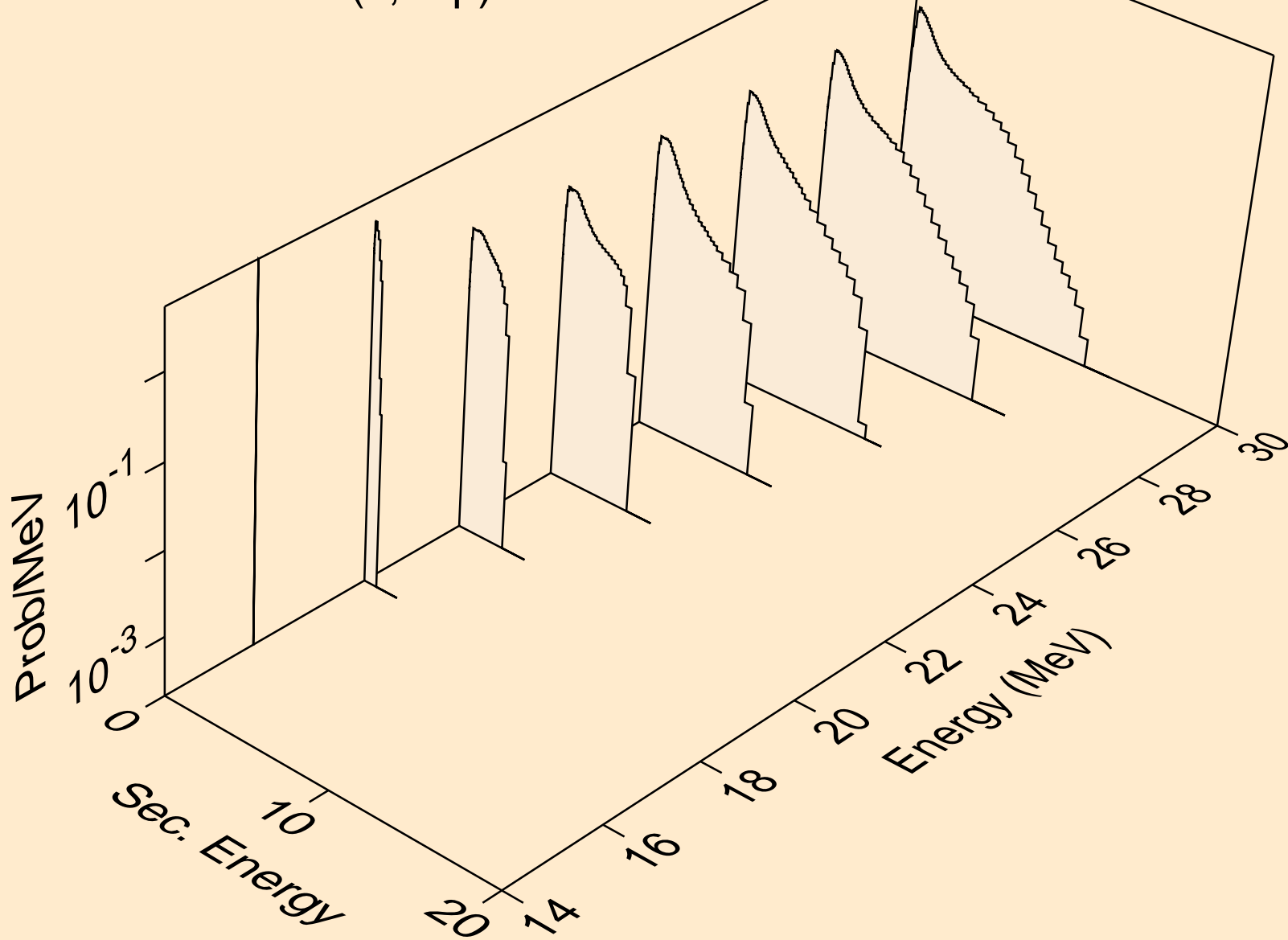
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neutrons from (s,n\*)t



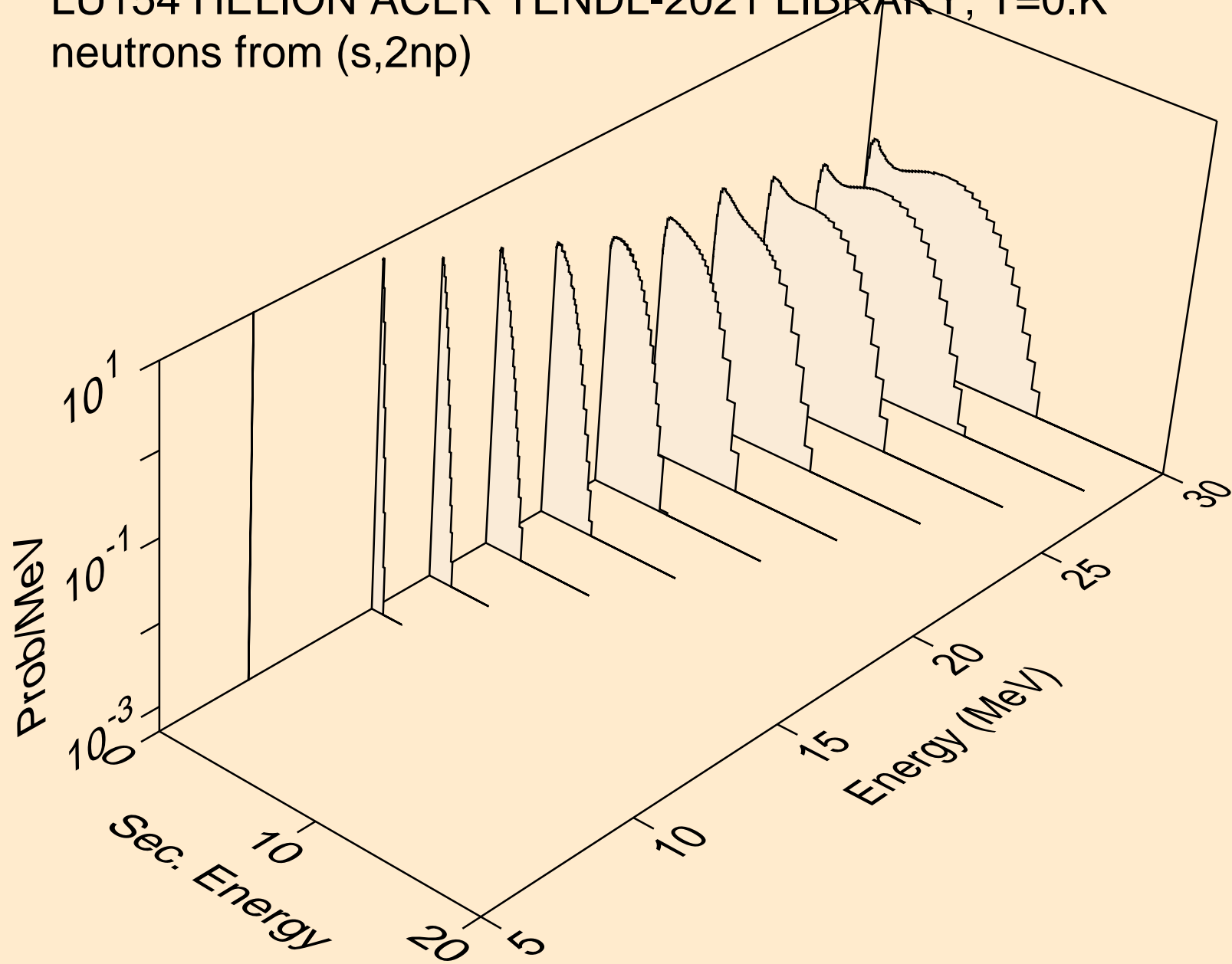
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neutrons from (s,n\*)he3



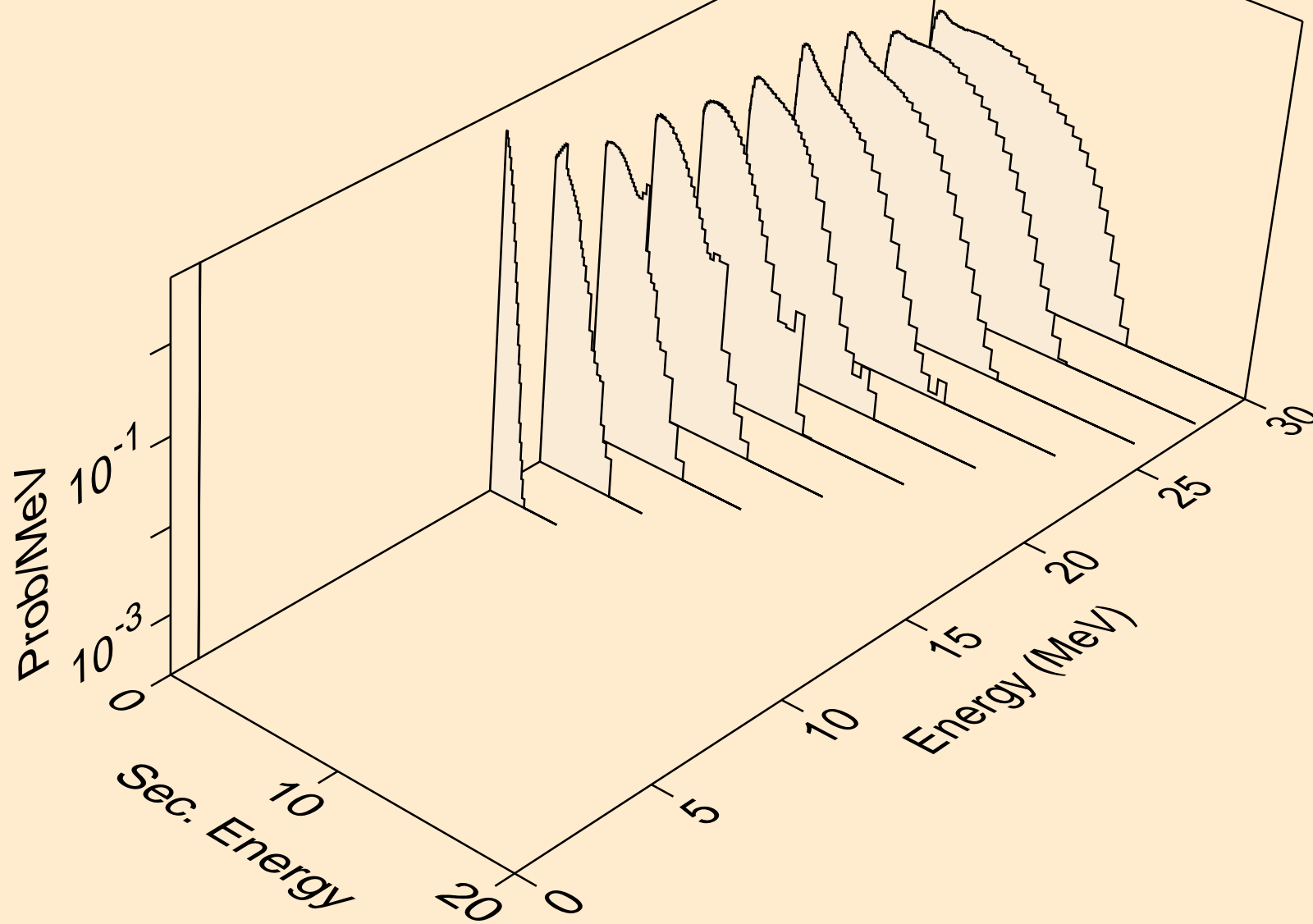
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neutrons from (s,2np)



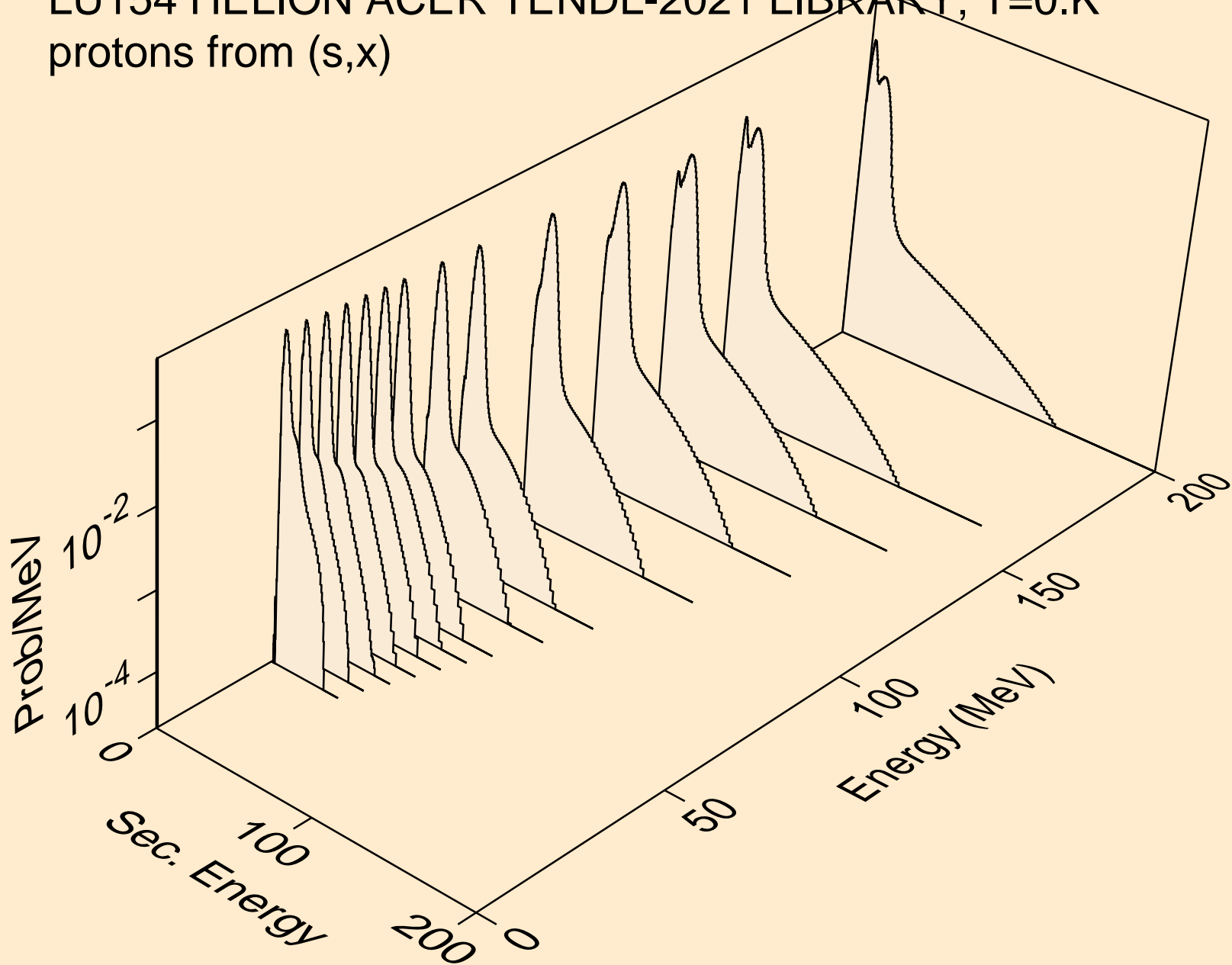
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neutrons from (s,2np)



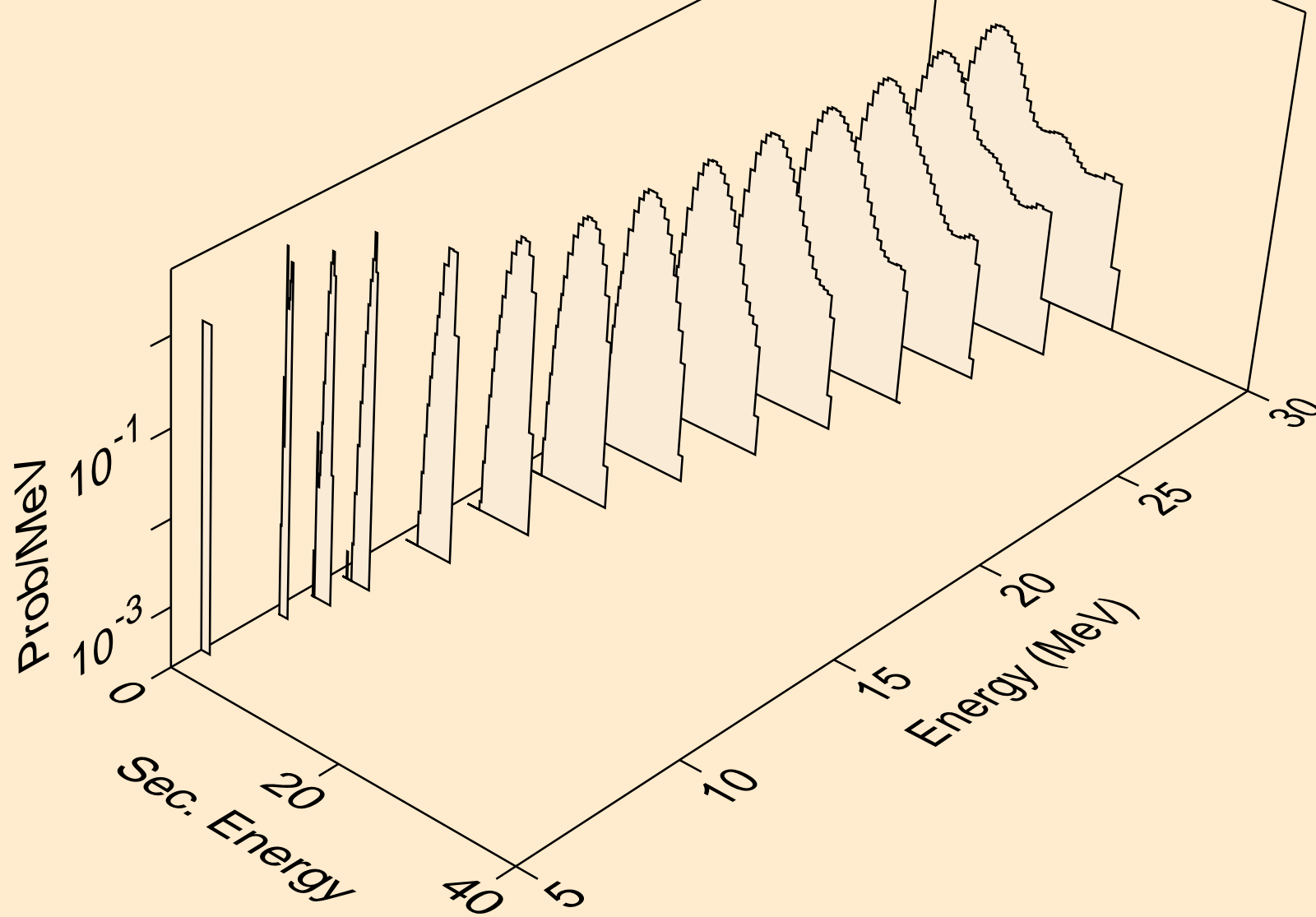
LU154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,npa)



LU154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,x)

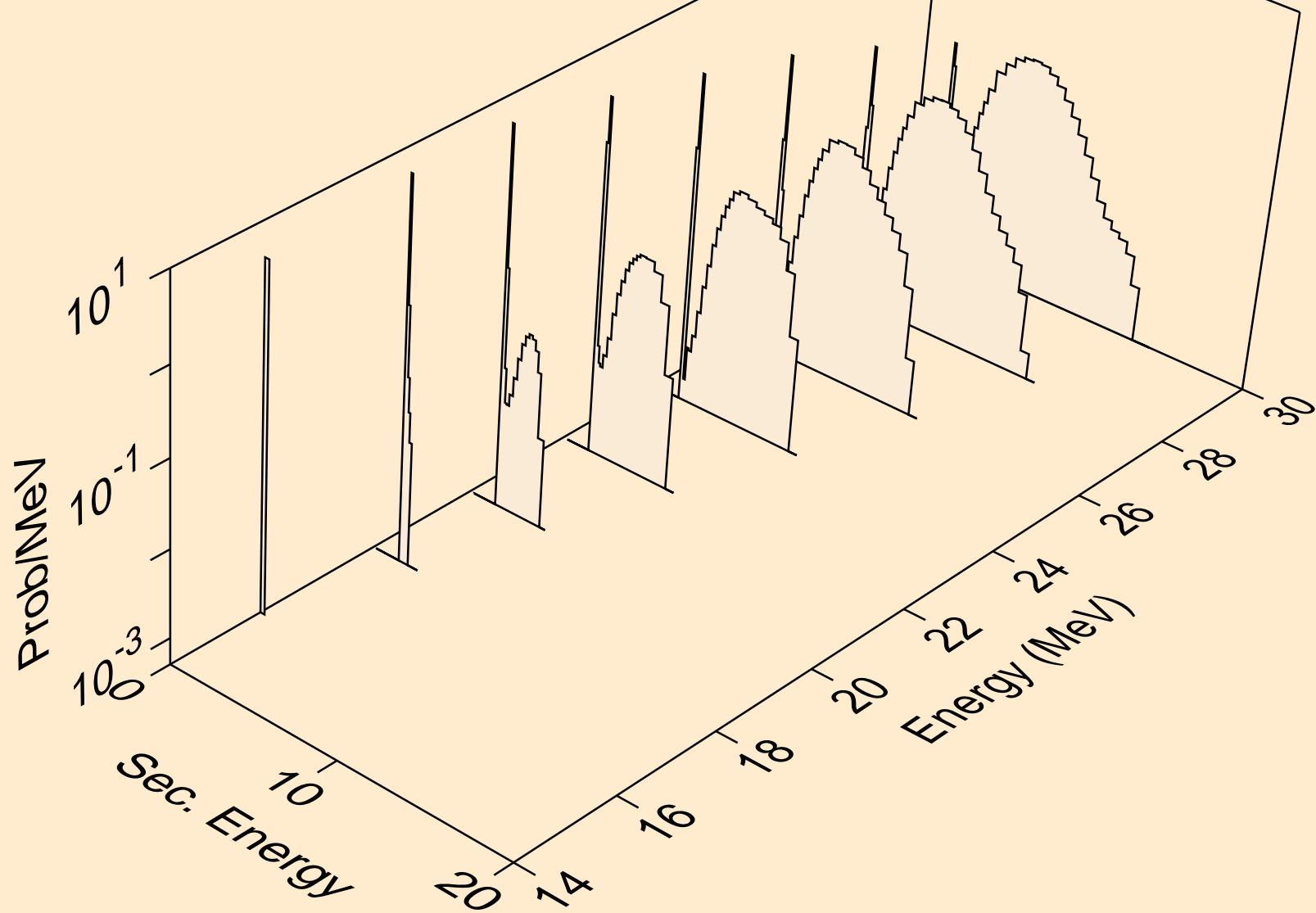


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protons from (s,n\*)p

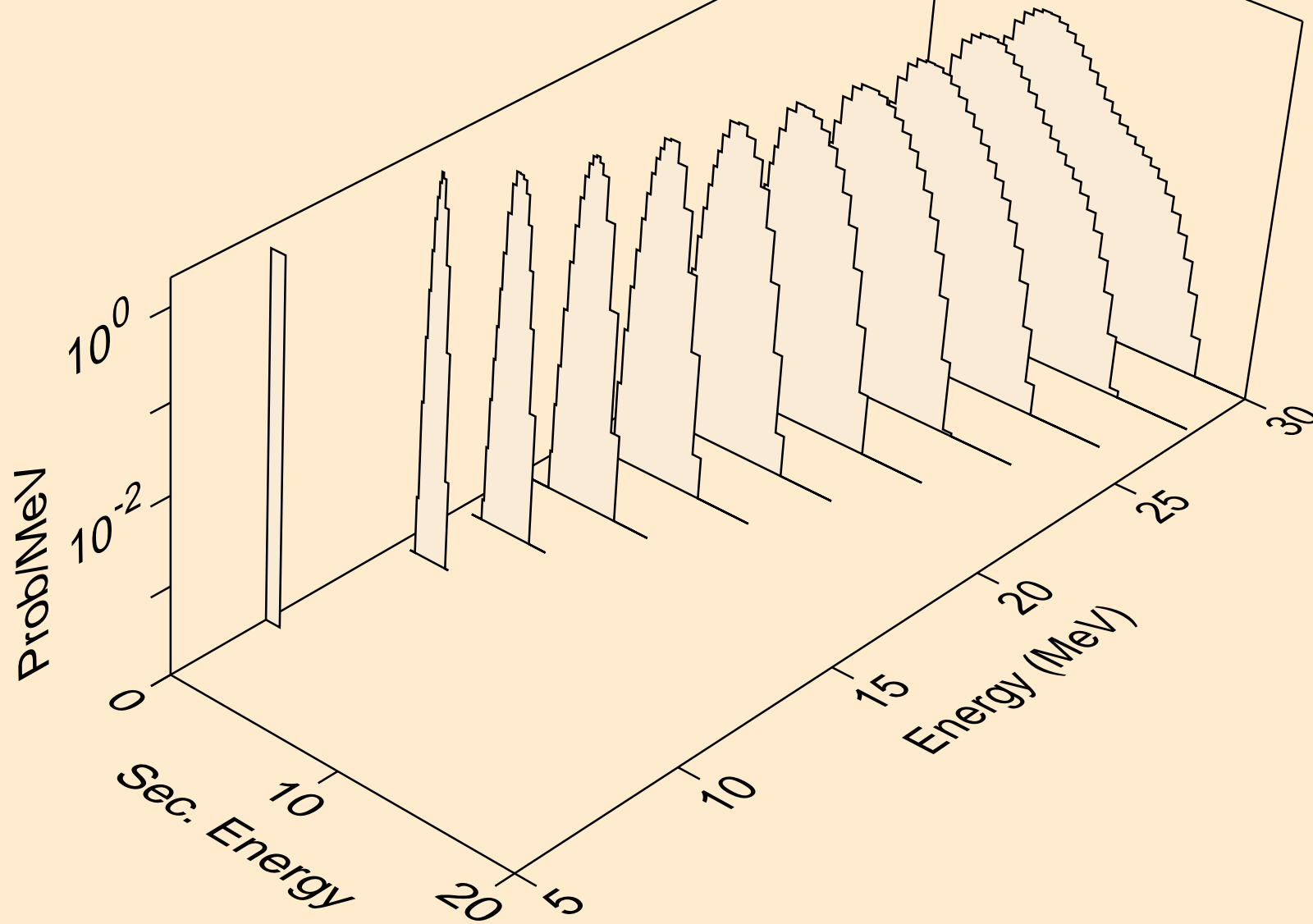




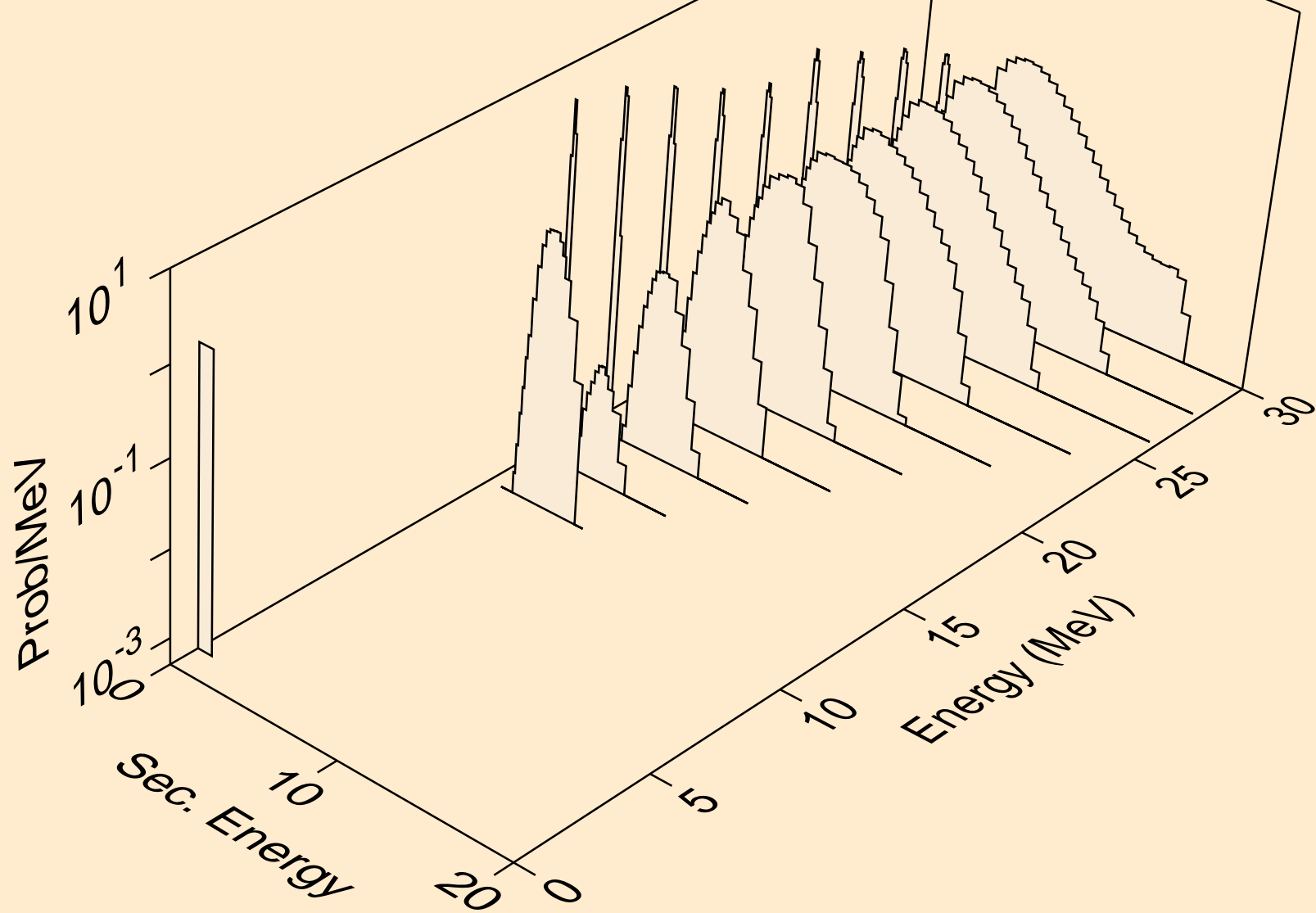
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protons from (s,2np)



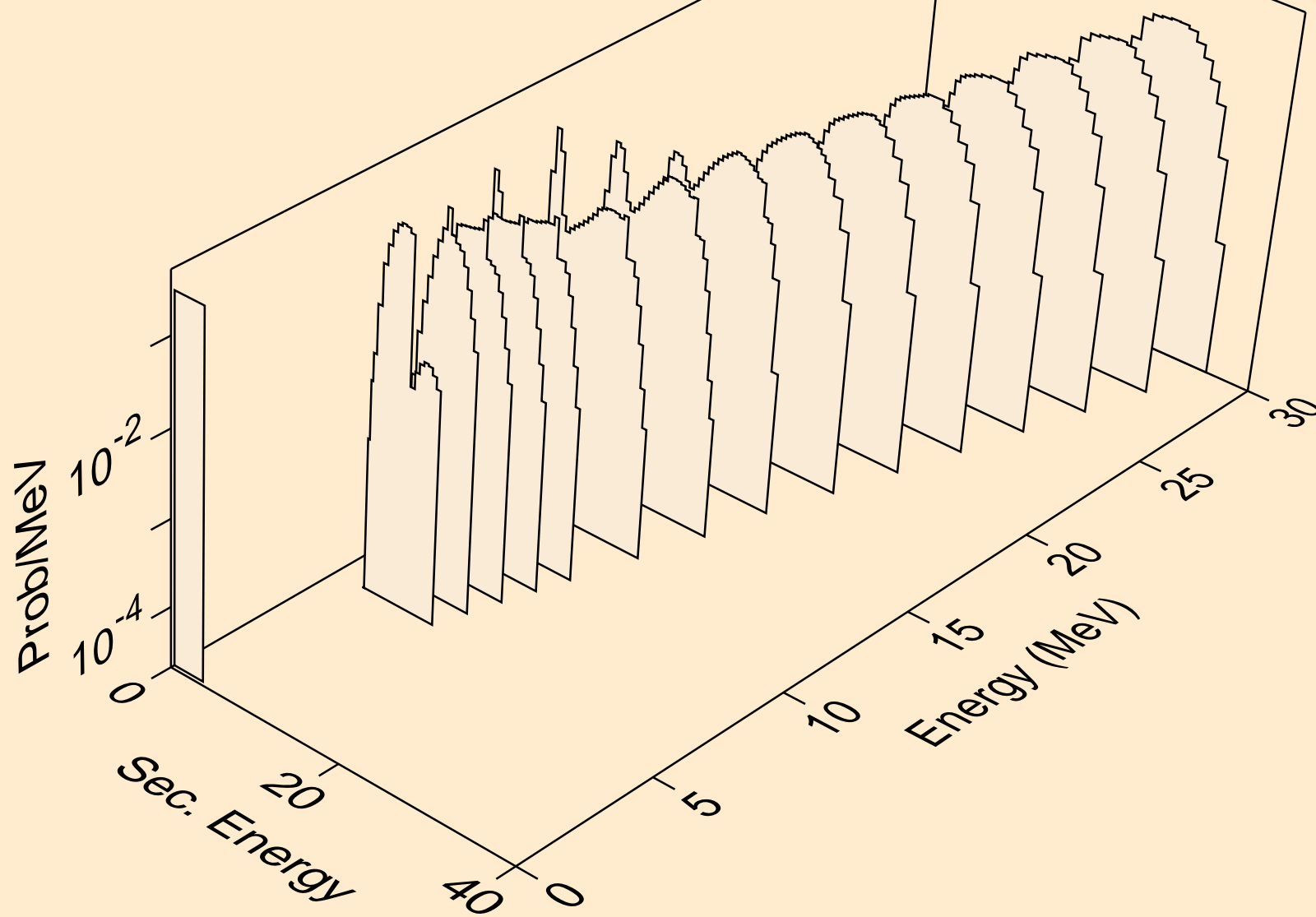
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protons from (s,2np)



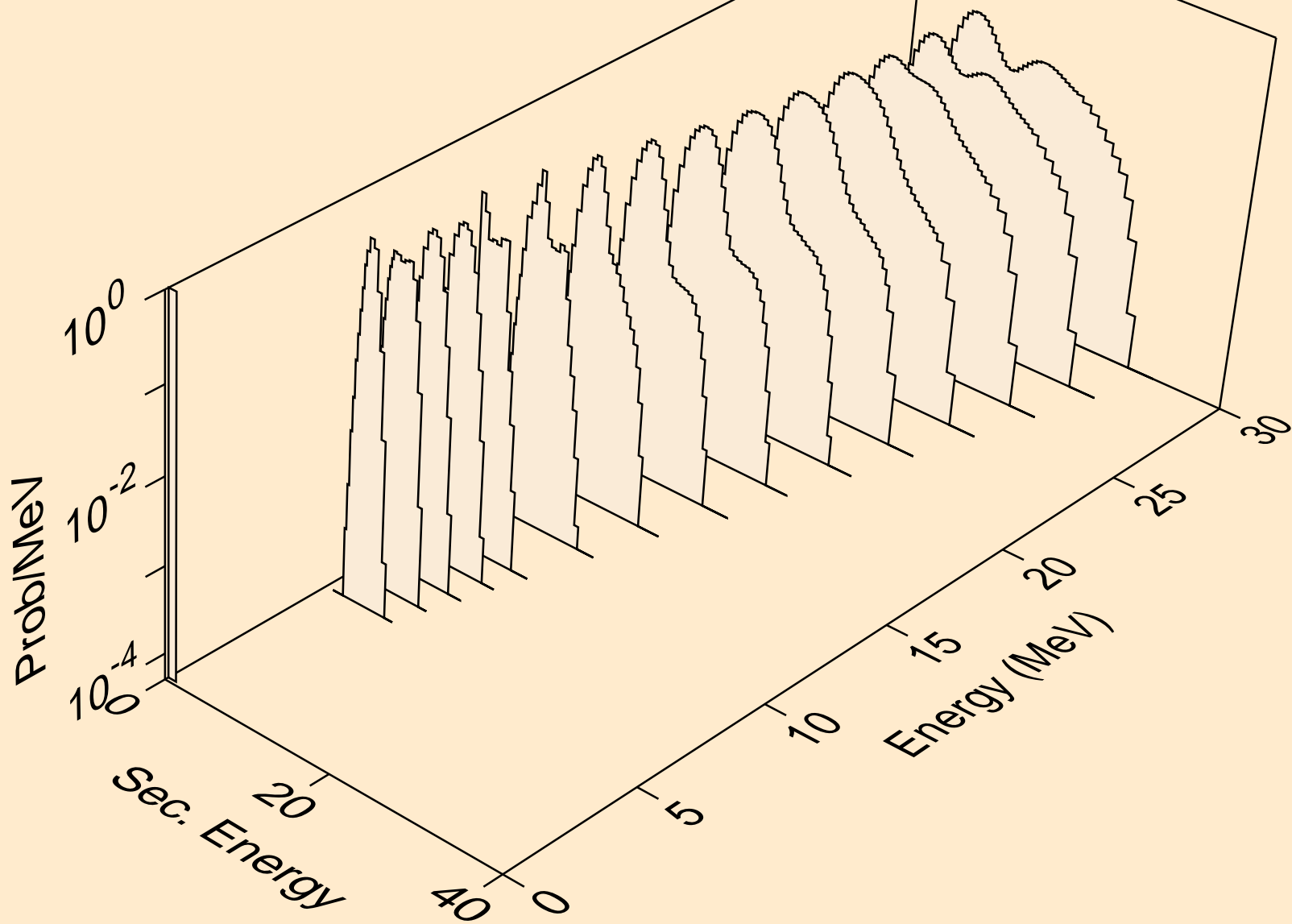
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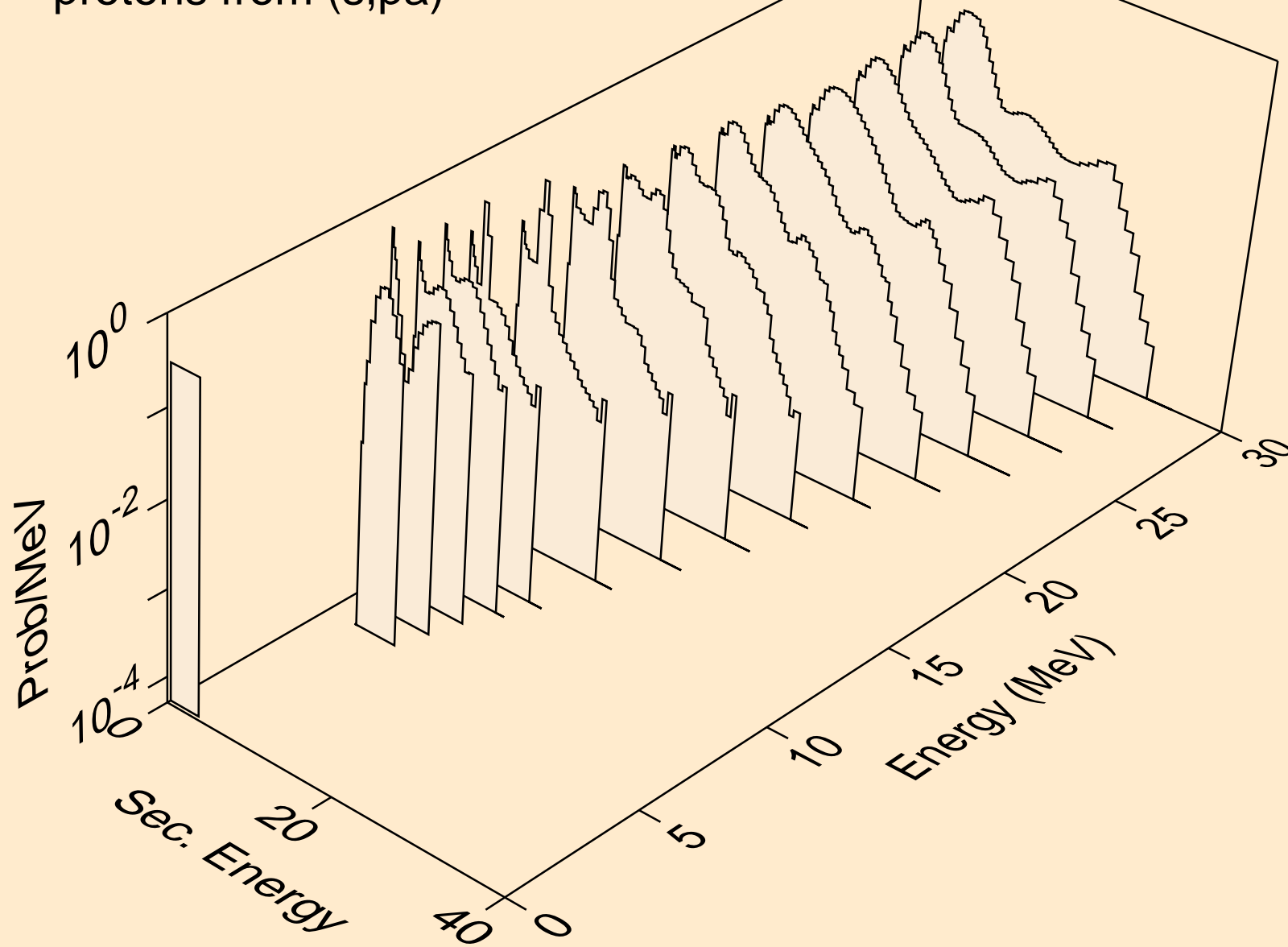
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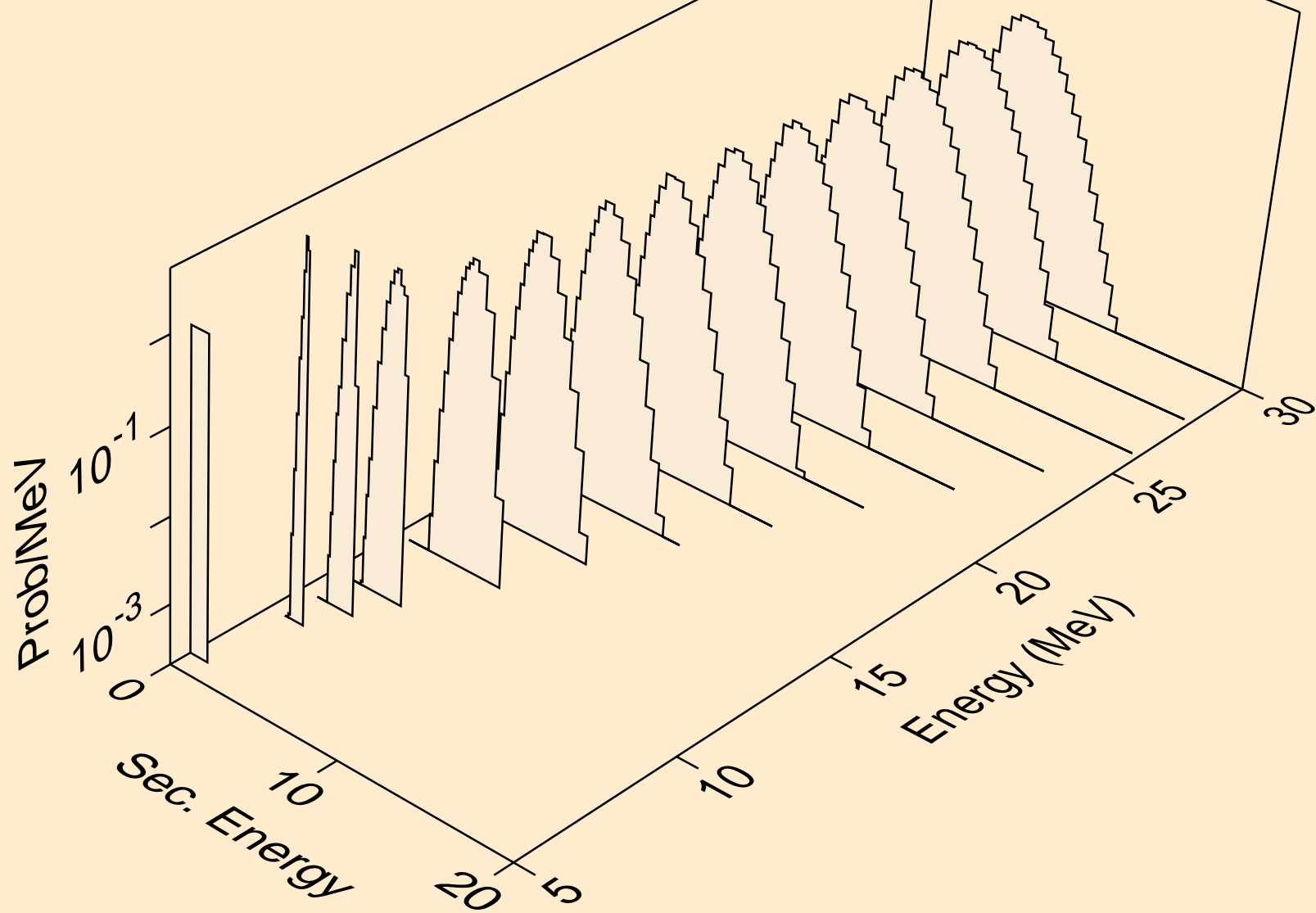
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protons from (s,2p)



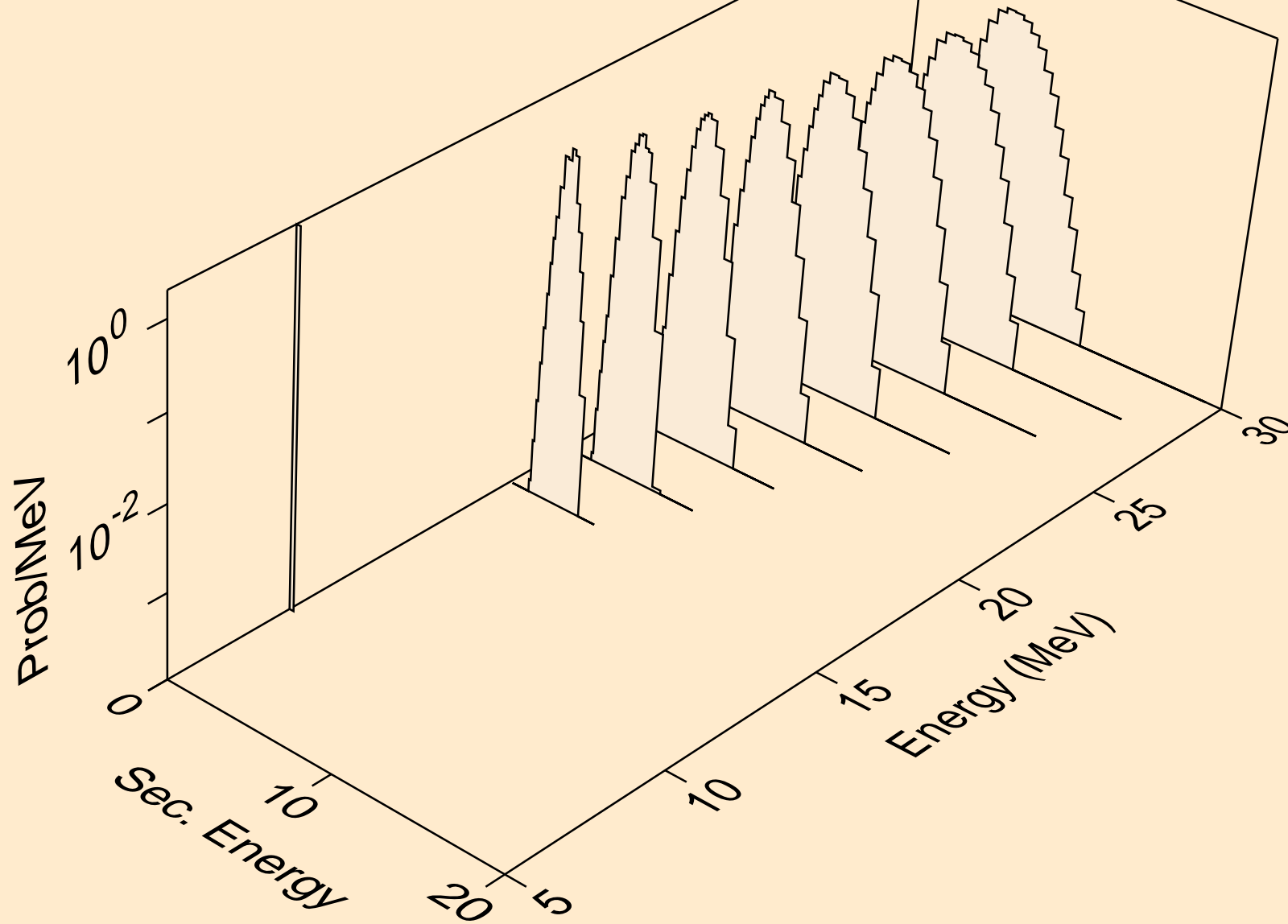
LU154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pa)



LU154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
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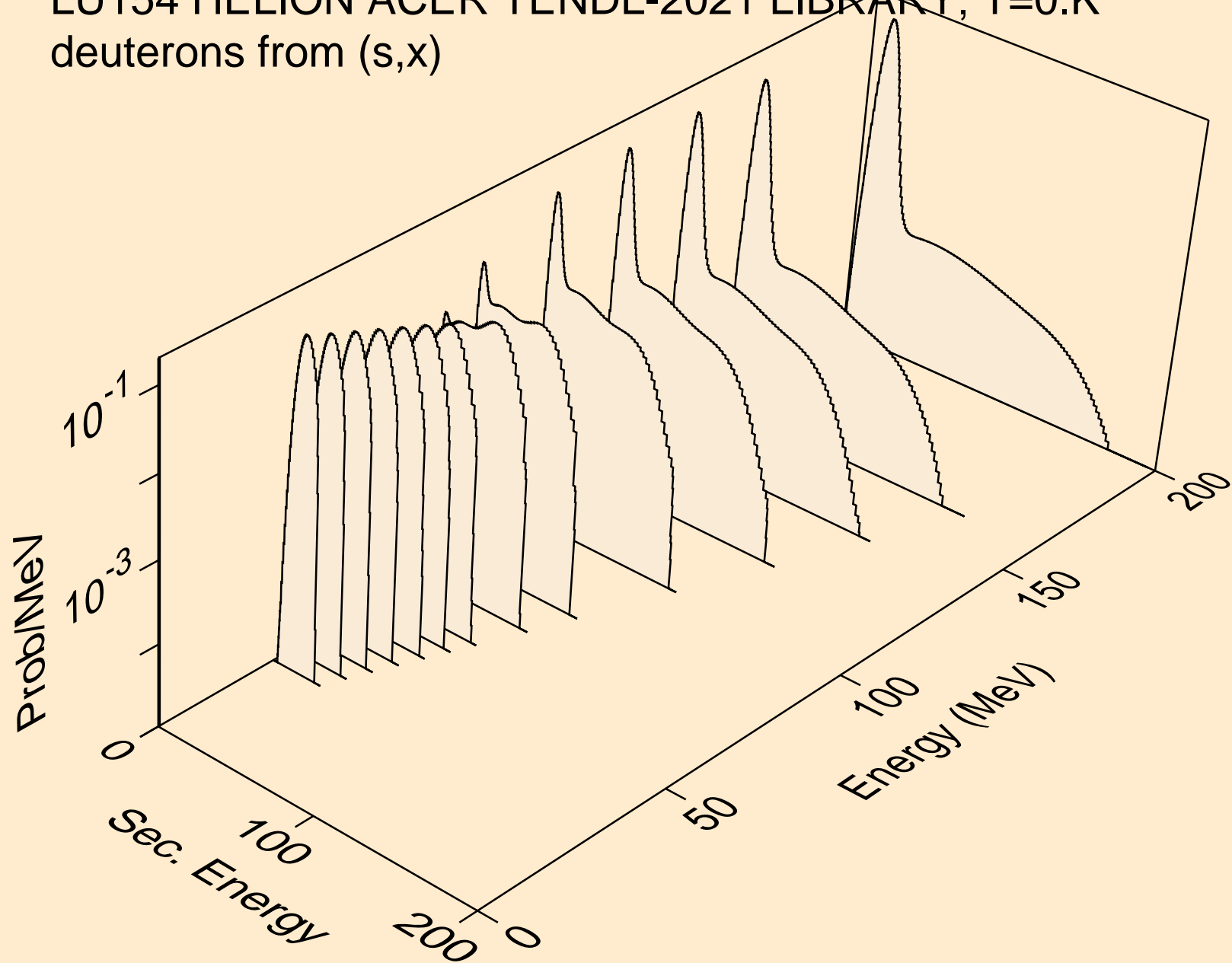


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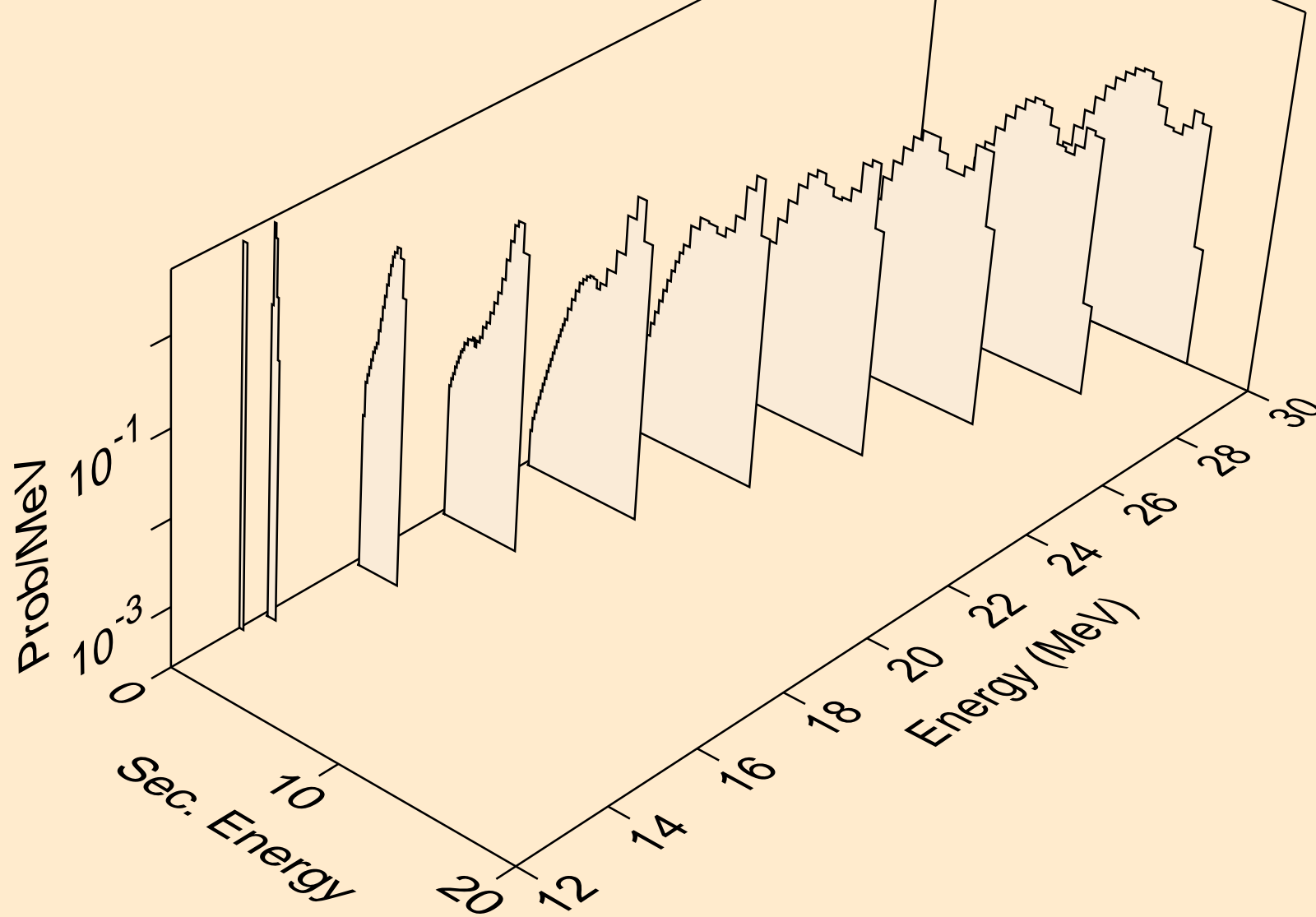




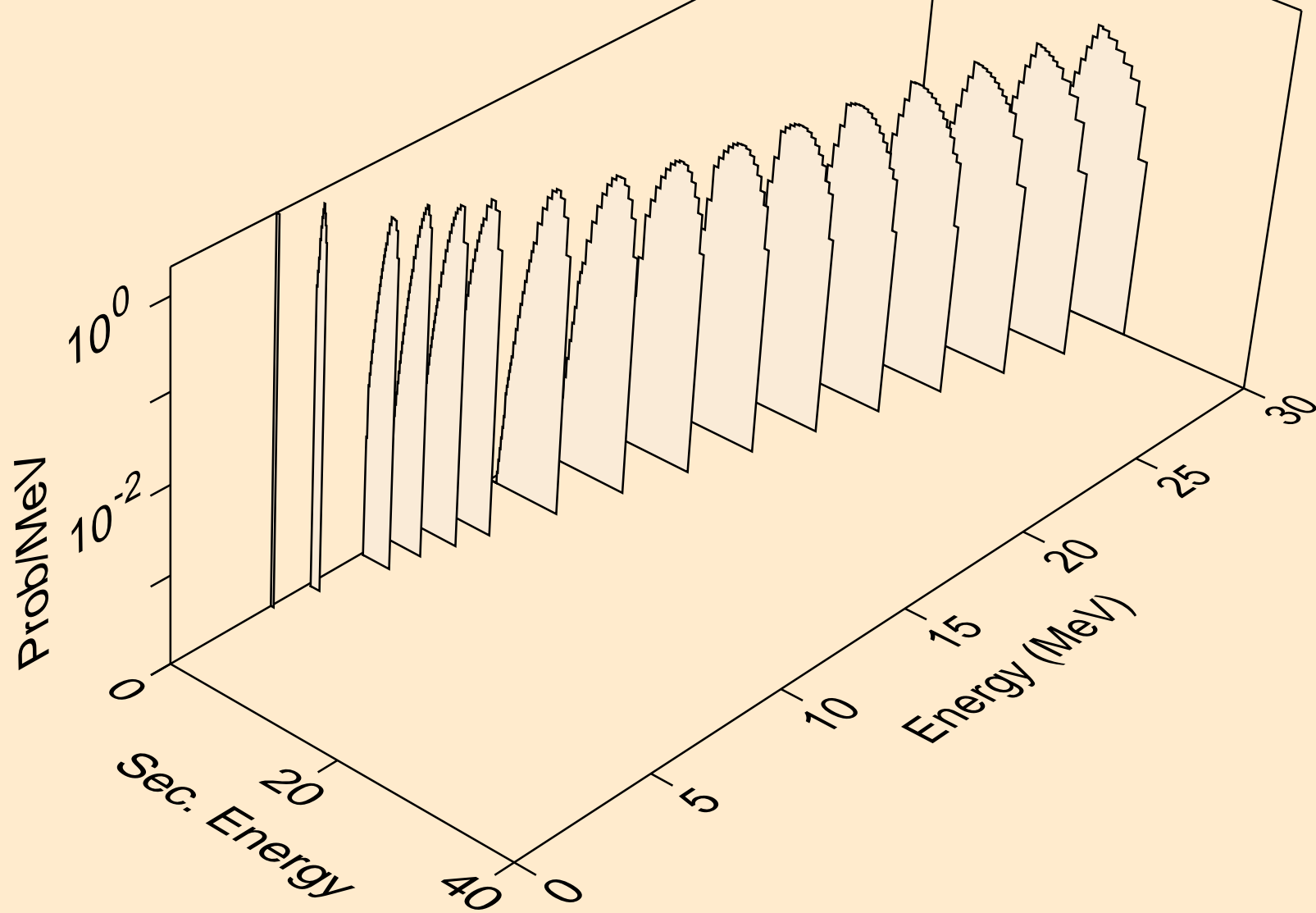
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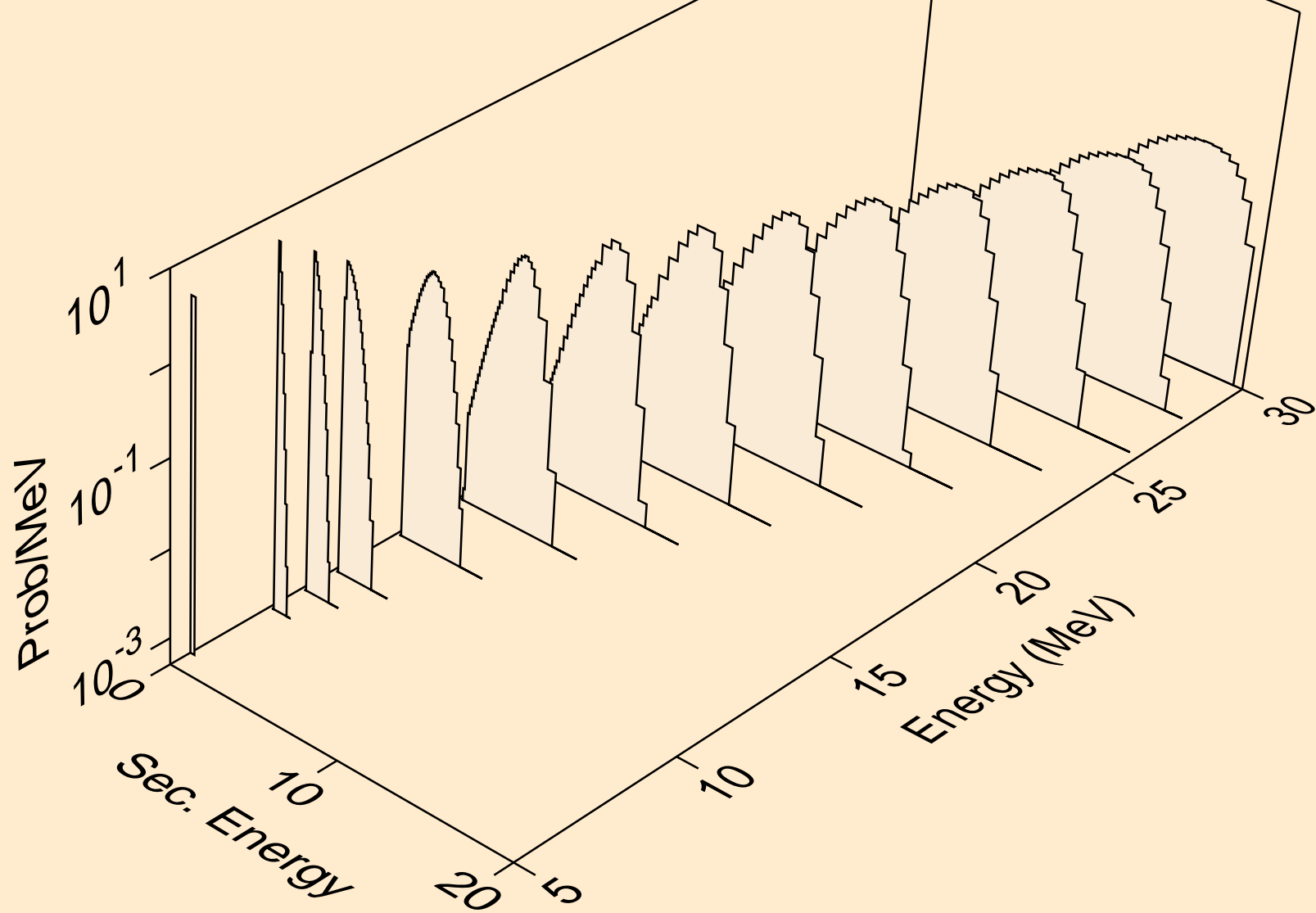
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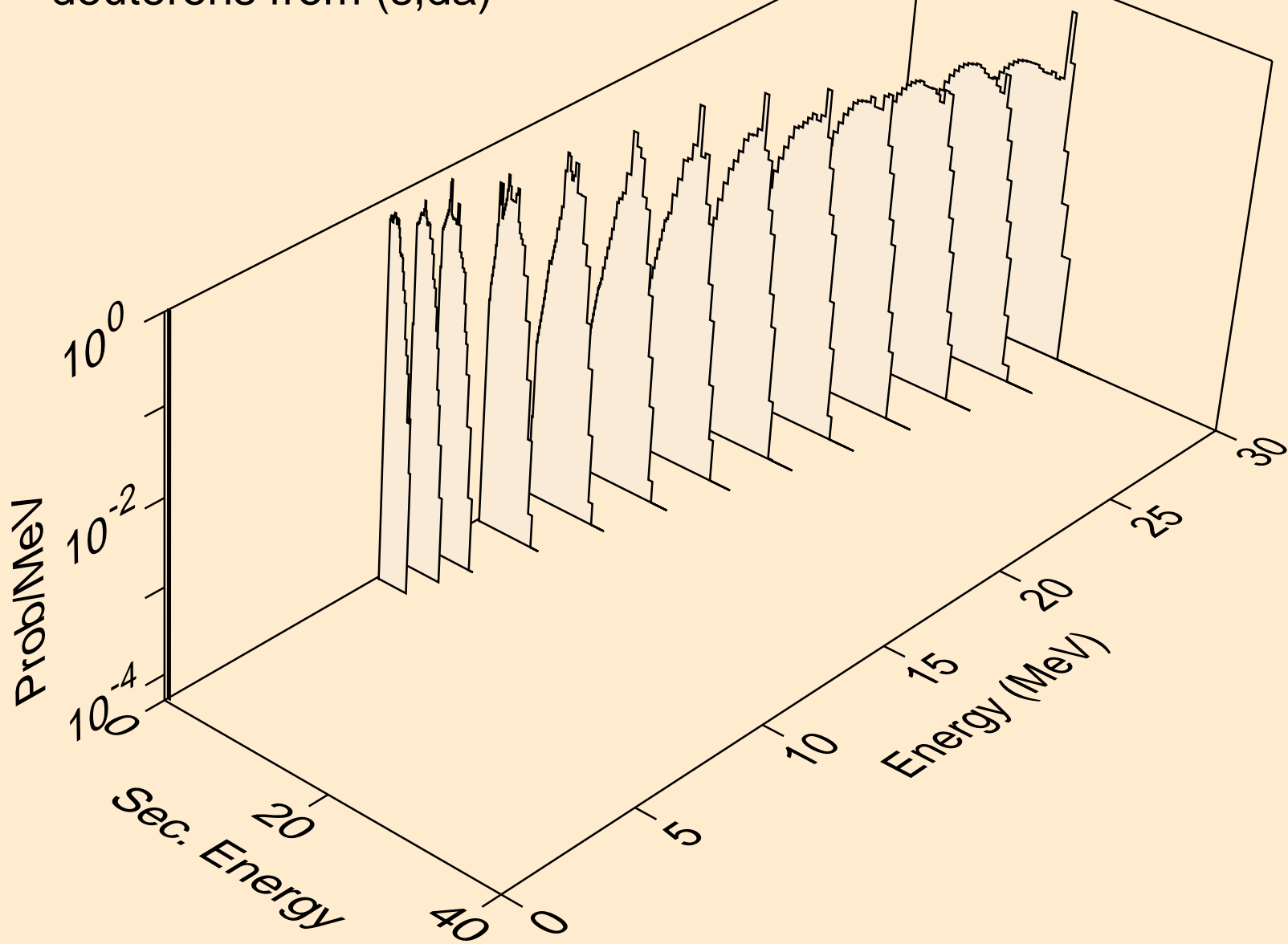
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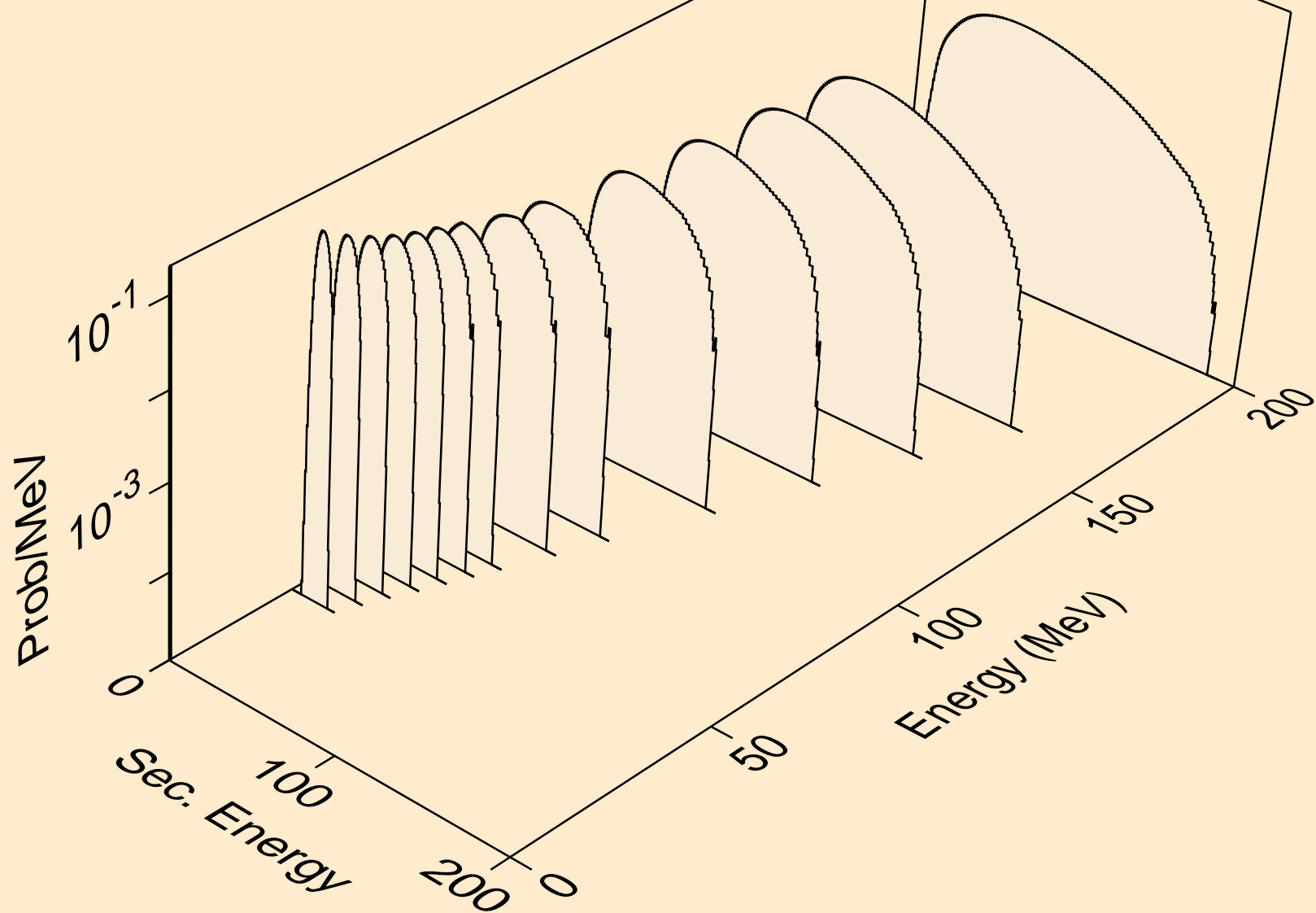
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deuterons from (s,pd)



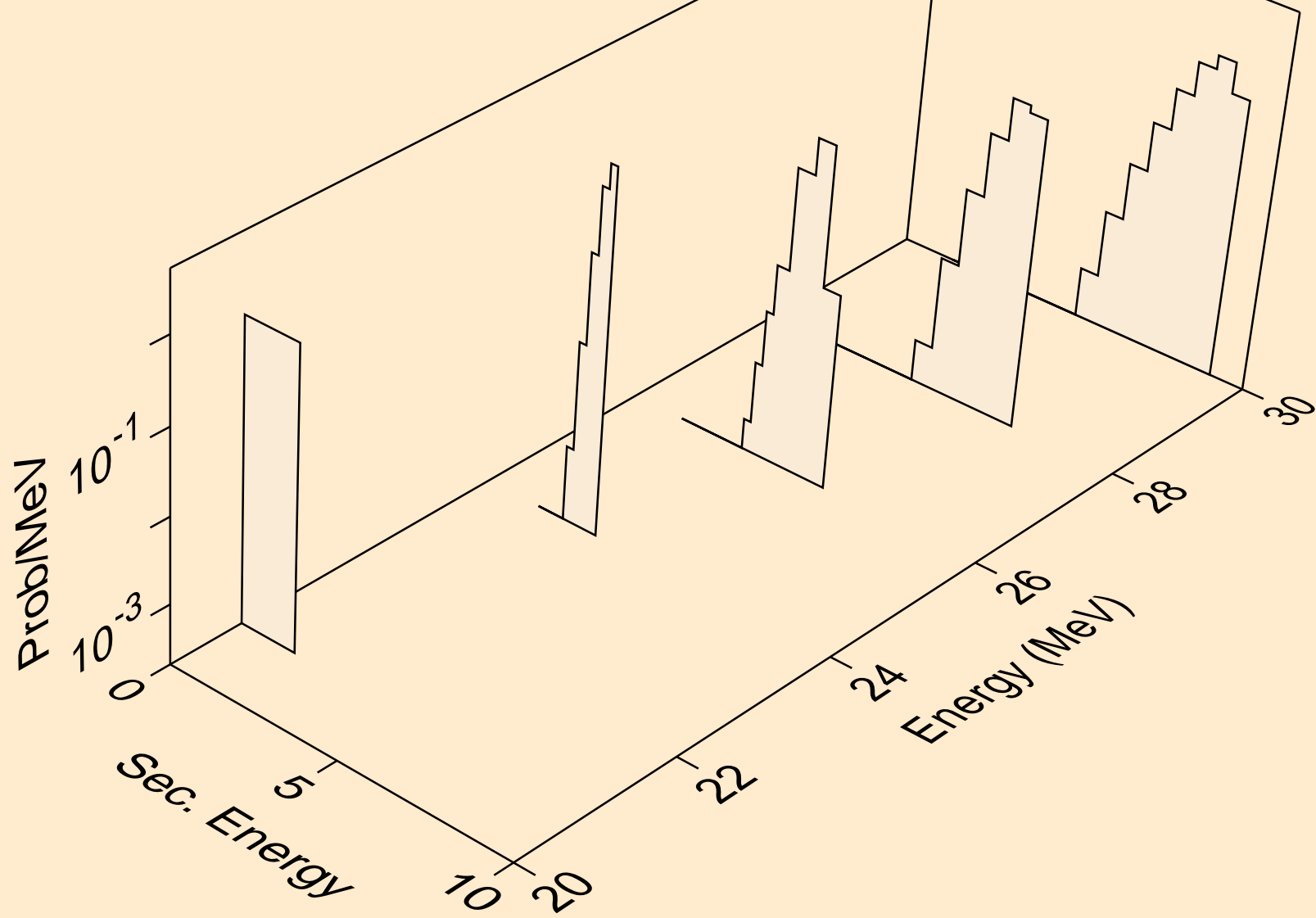
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deuterons from (s,da)



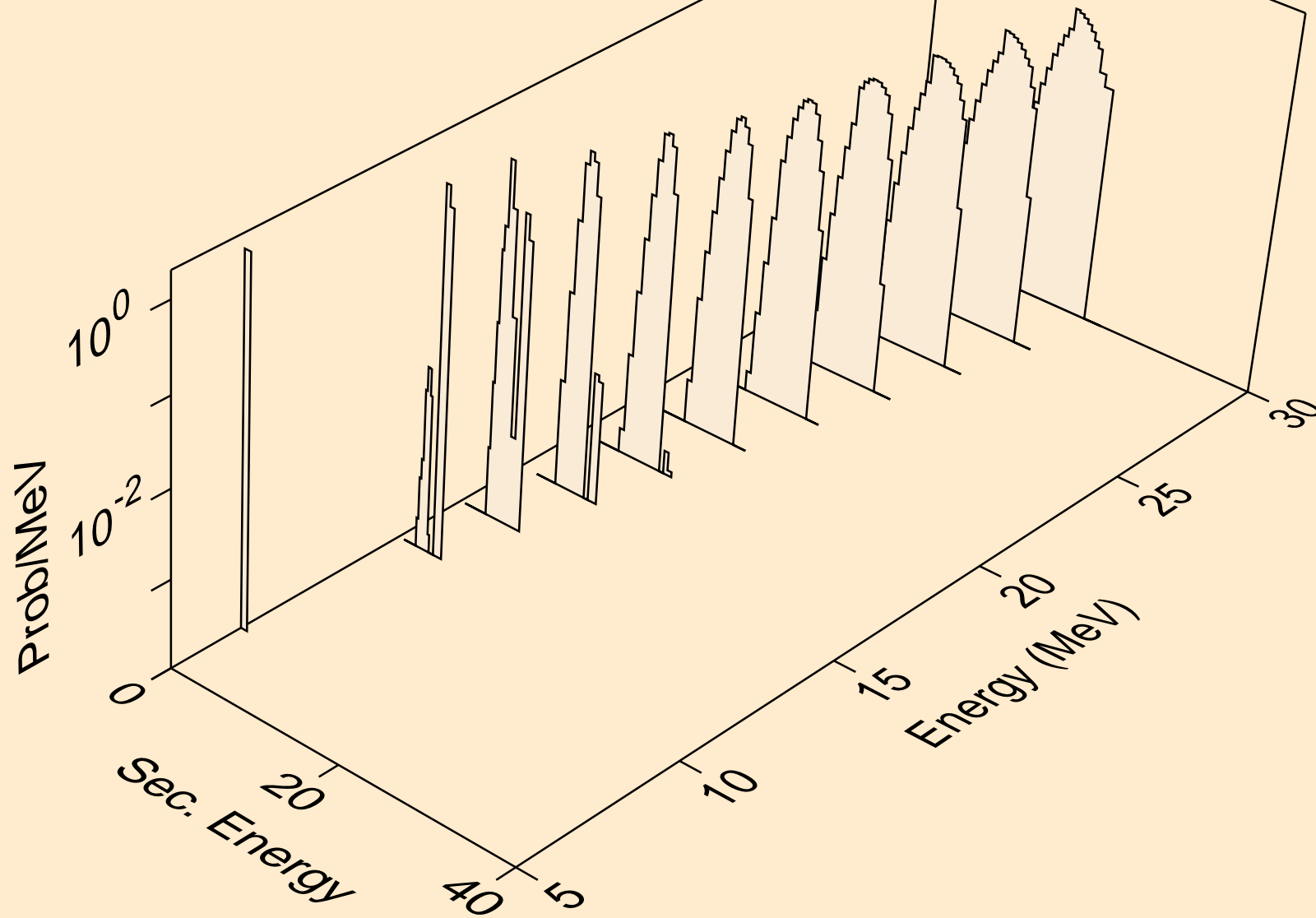
LU154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,x)



LU154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
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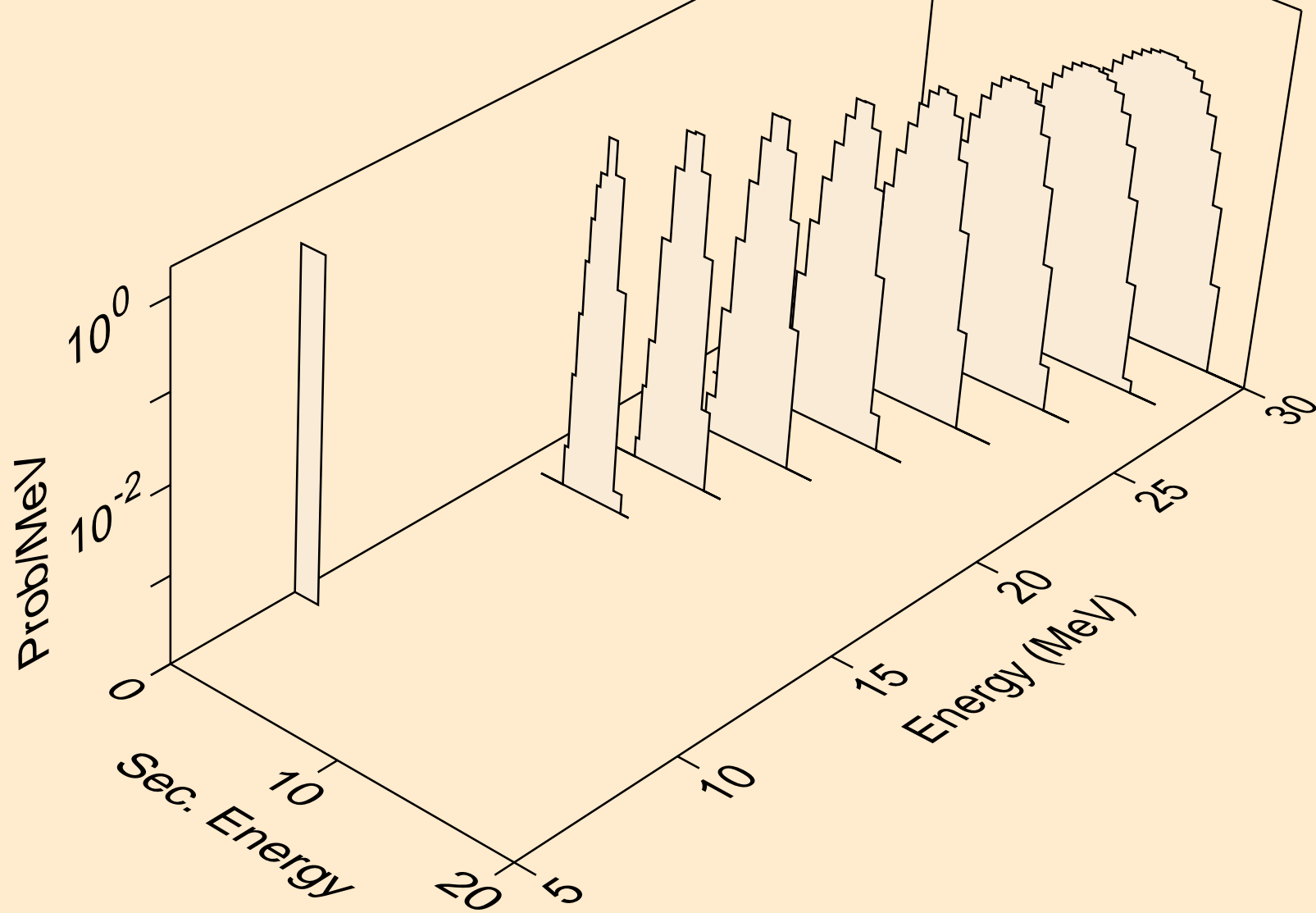


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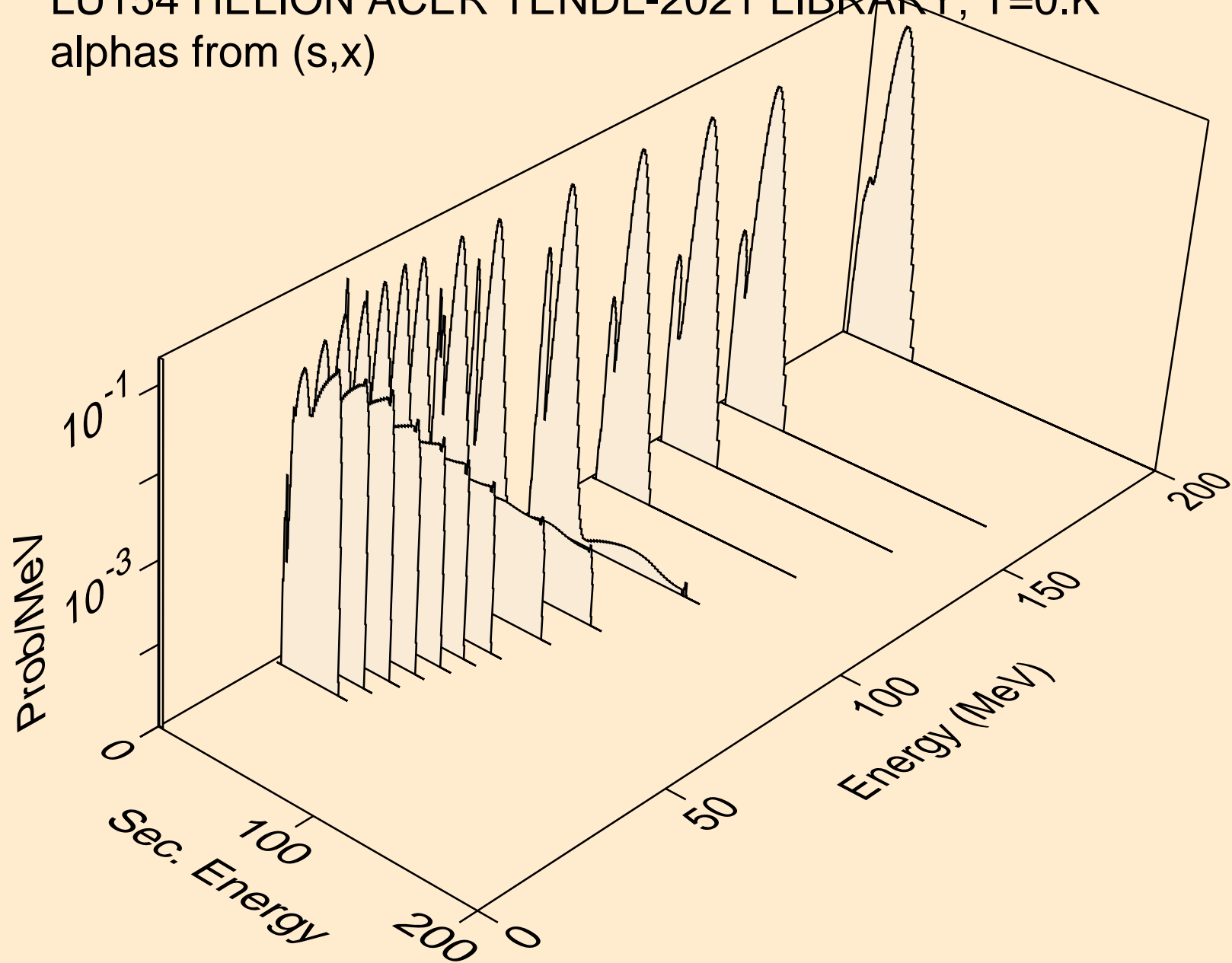




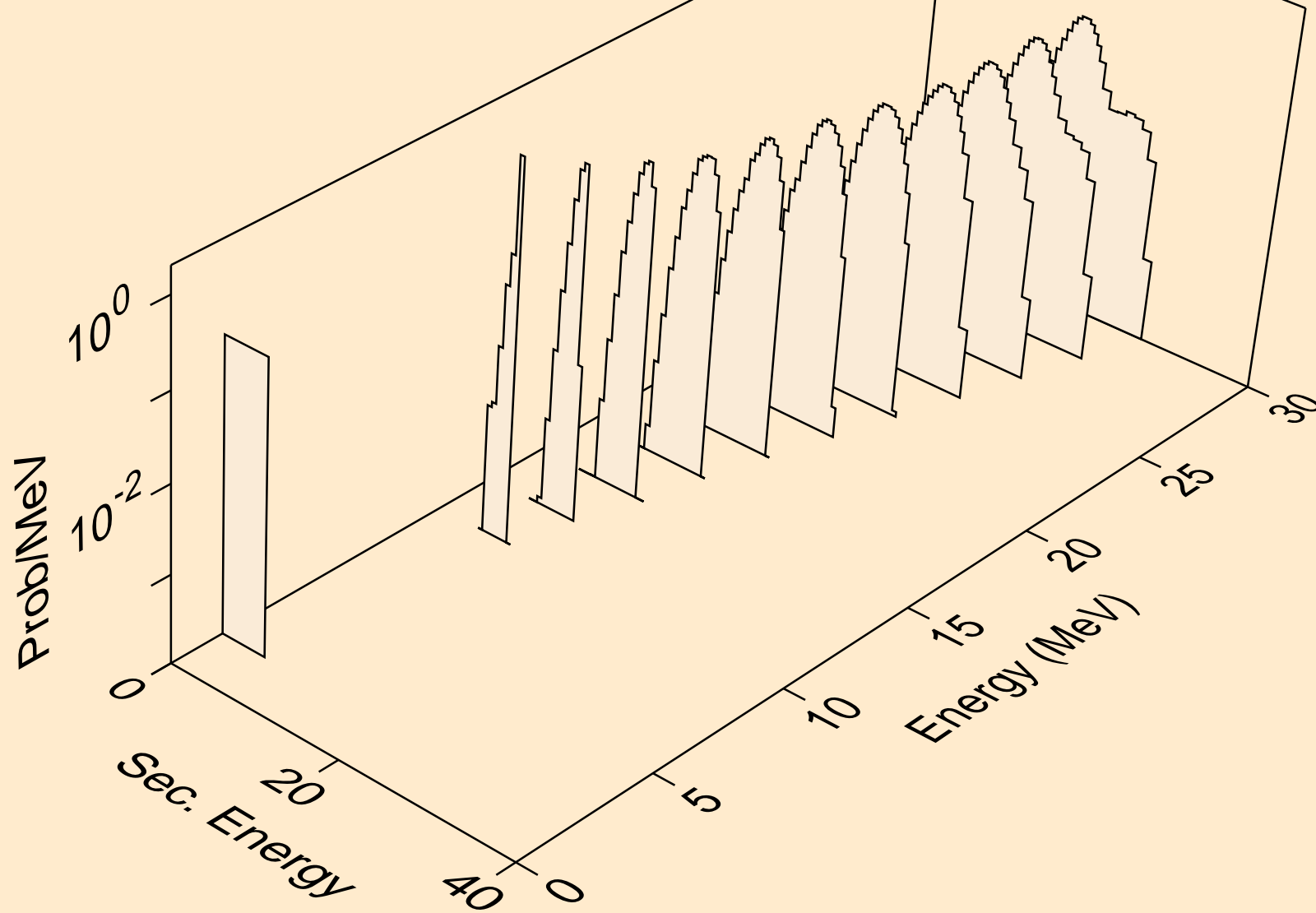
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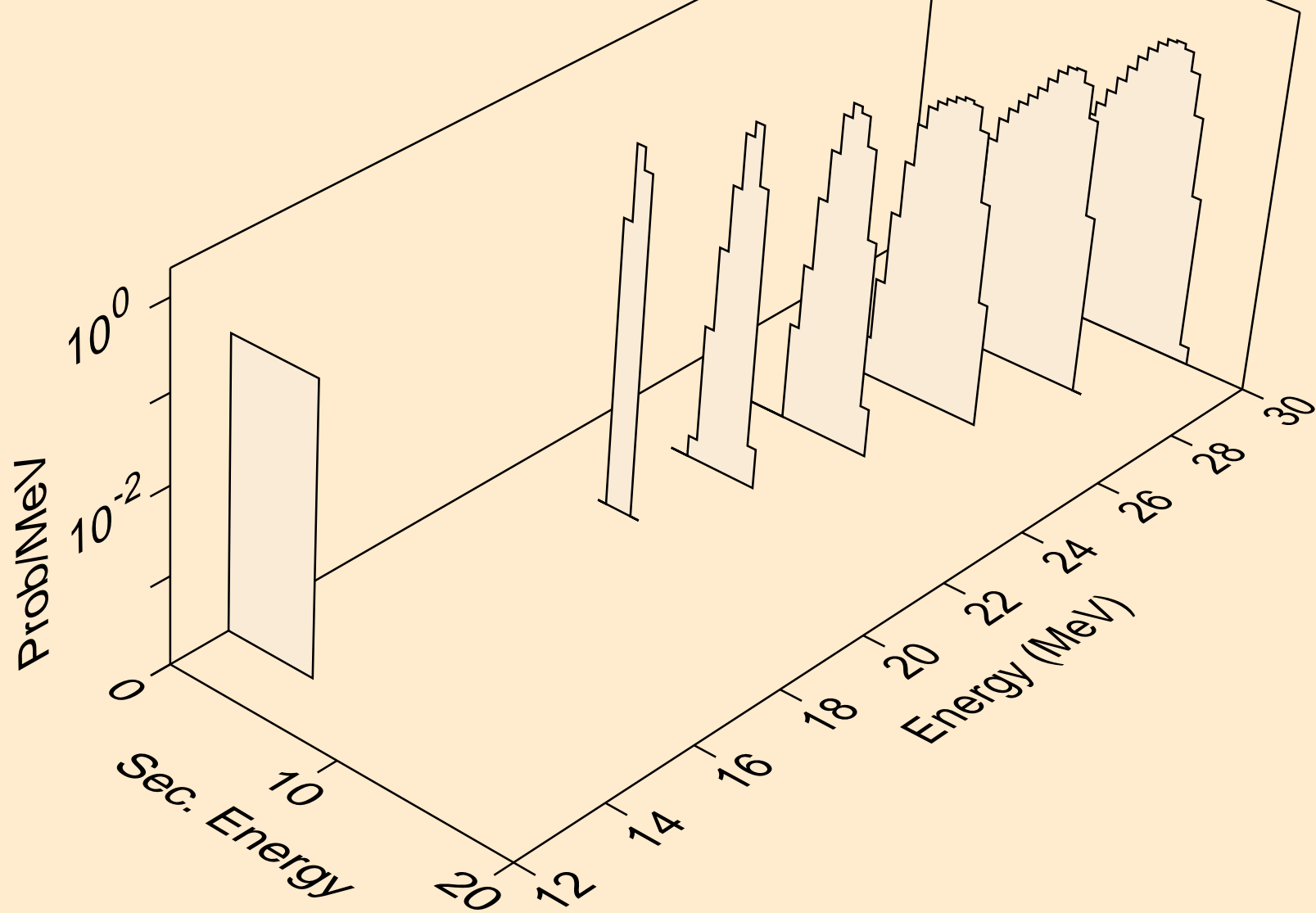
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alphas from (s,x)



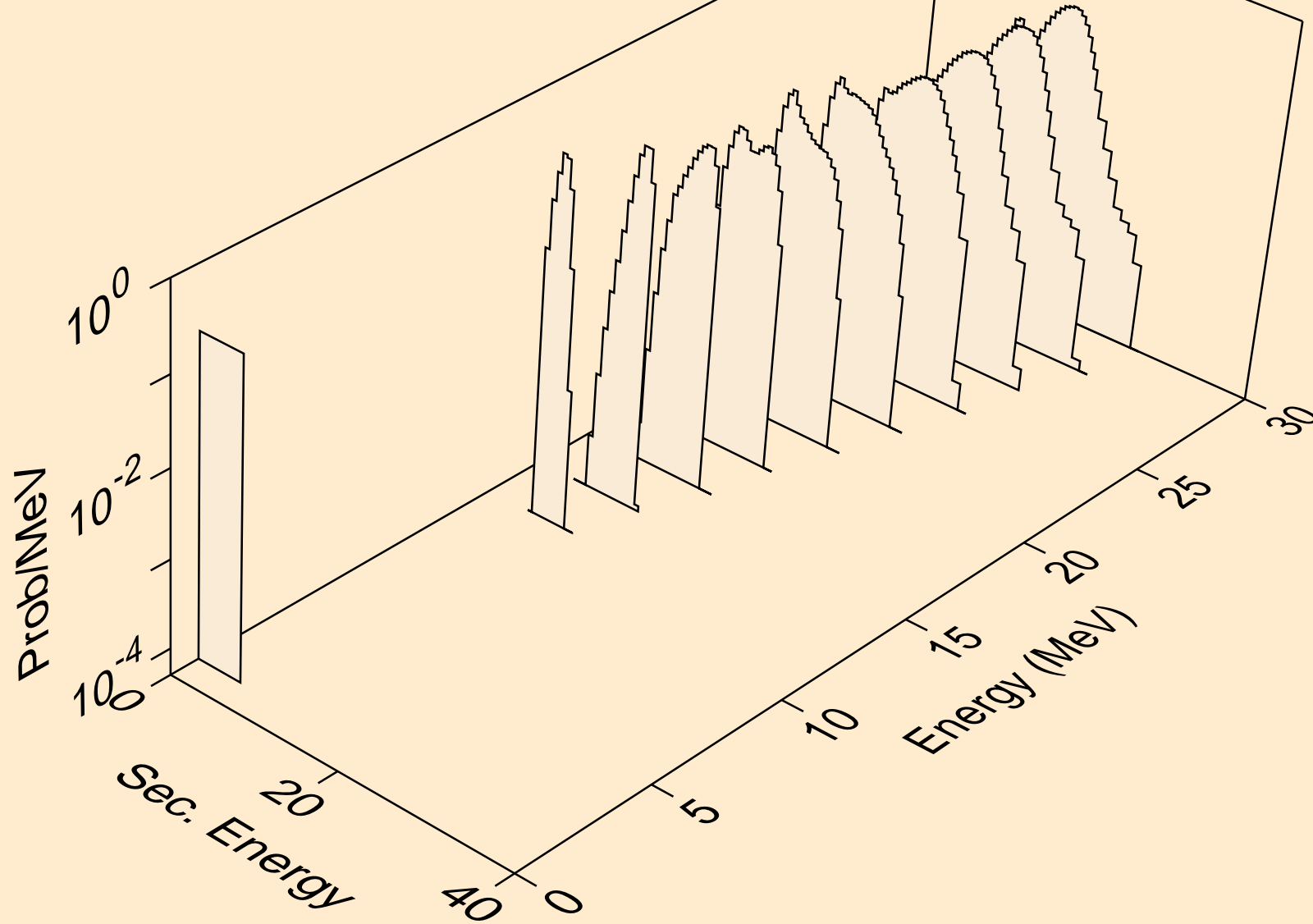
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alphas from (s,n\*)a



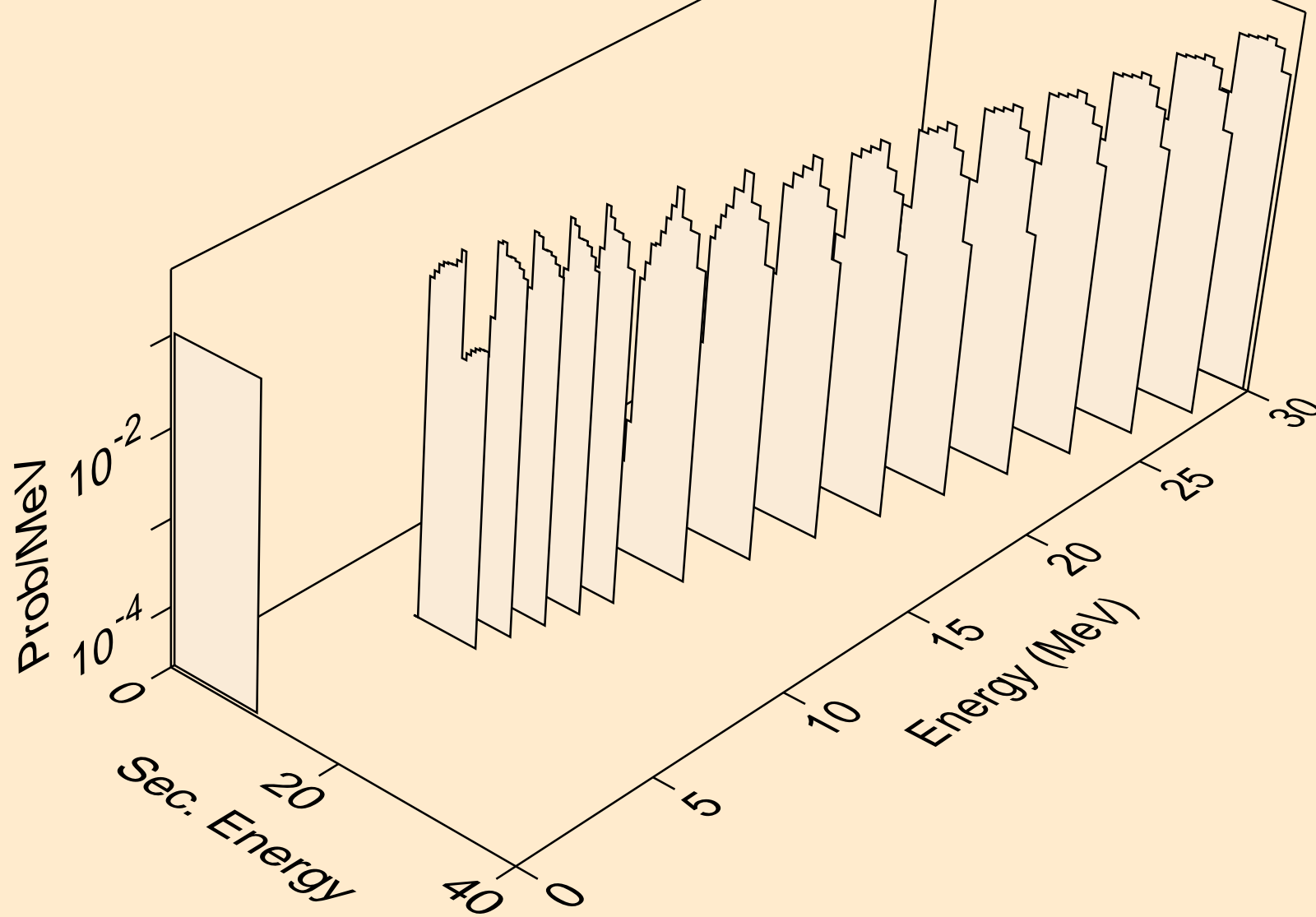
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alphas from (s,2n)a



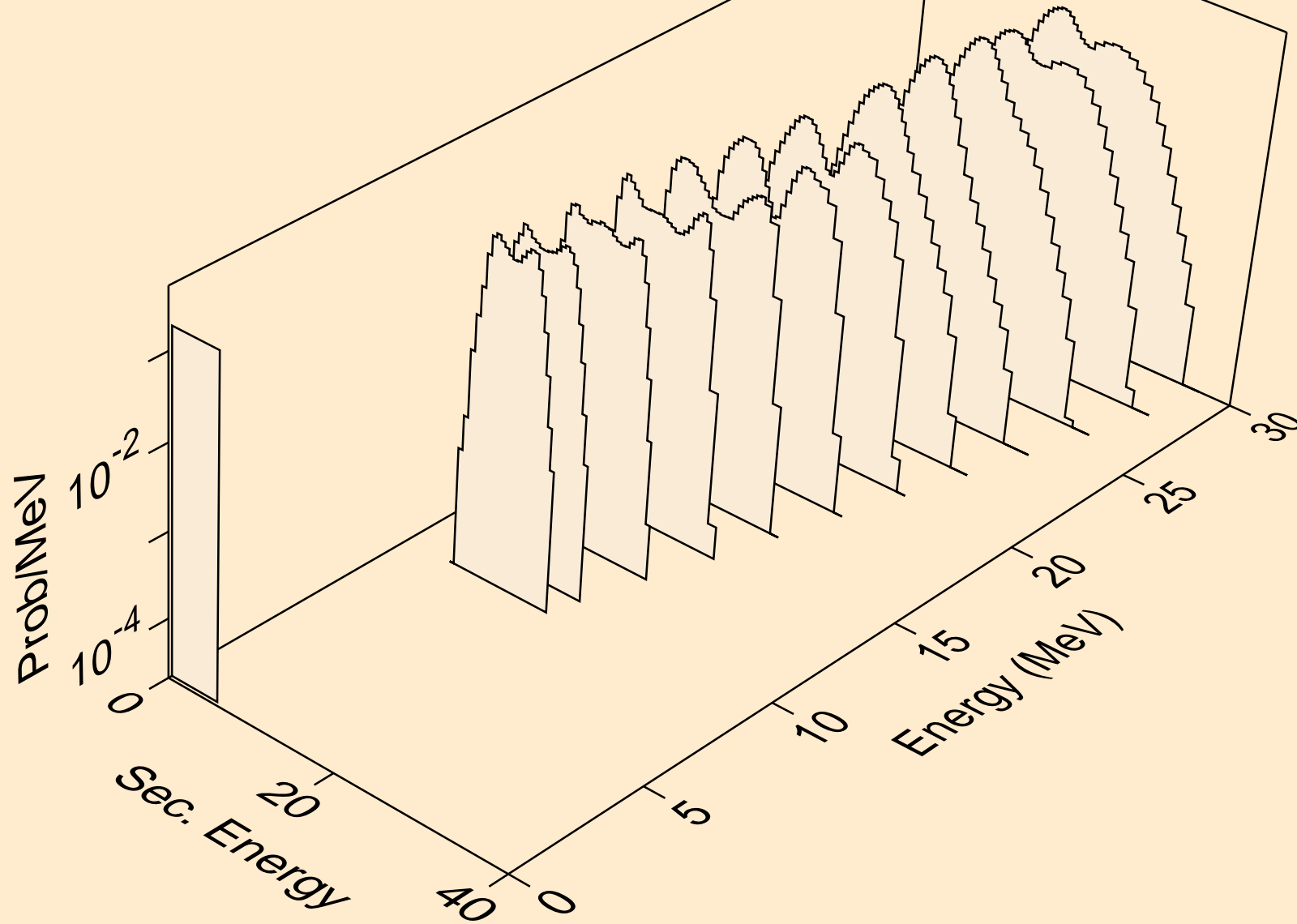
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alphas from (s,npa)



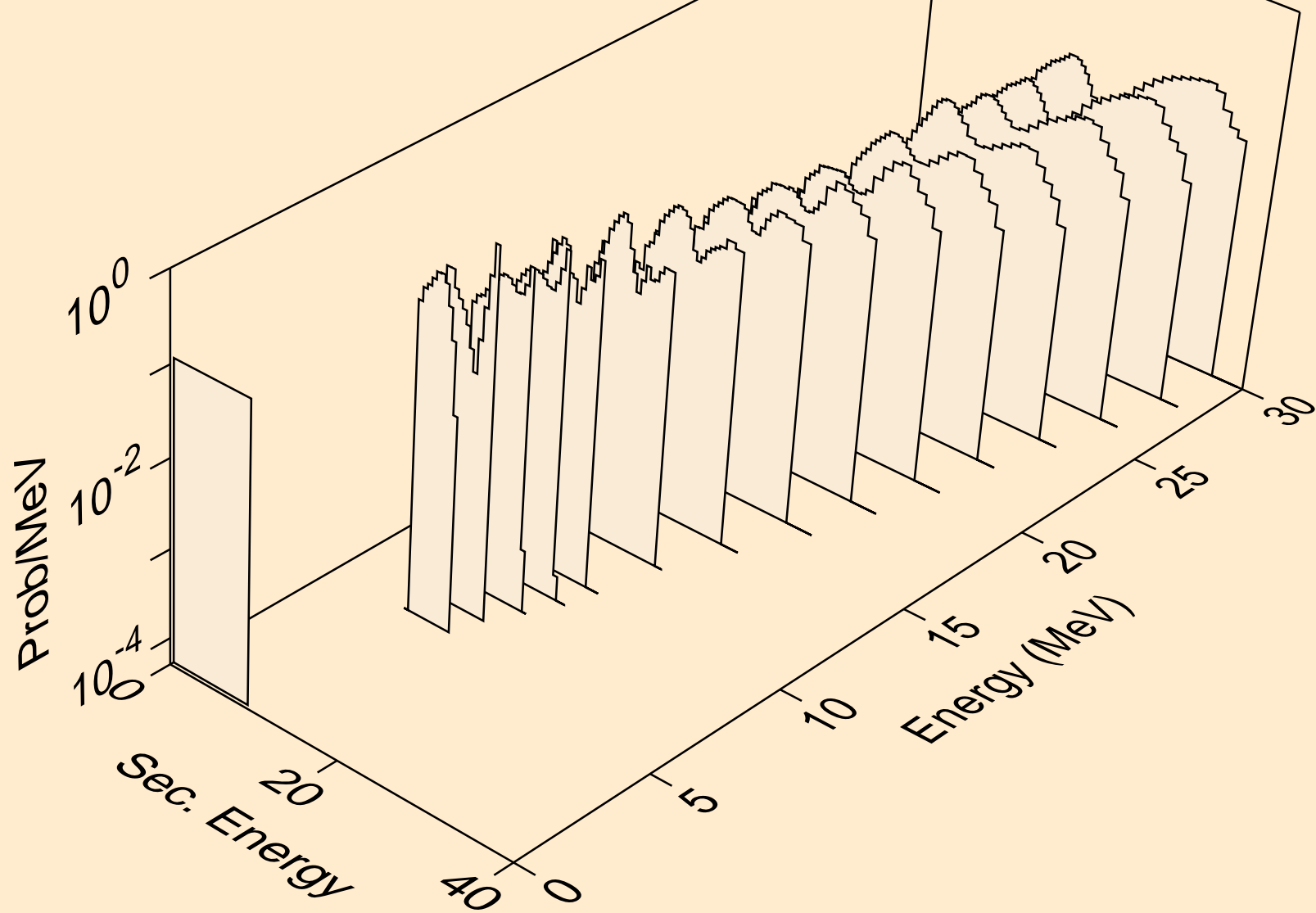
LU154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,a)



LU154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2a)



LU154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,pa)





LU154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,da)

