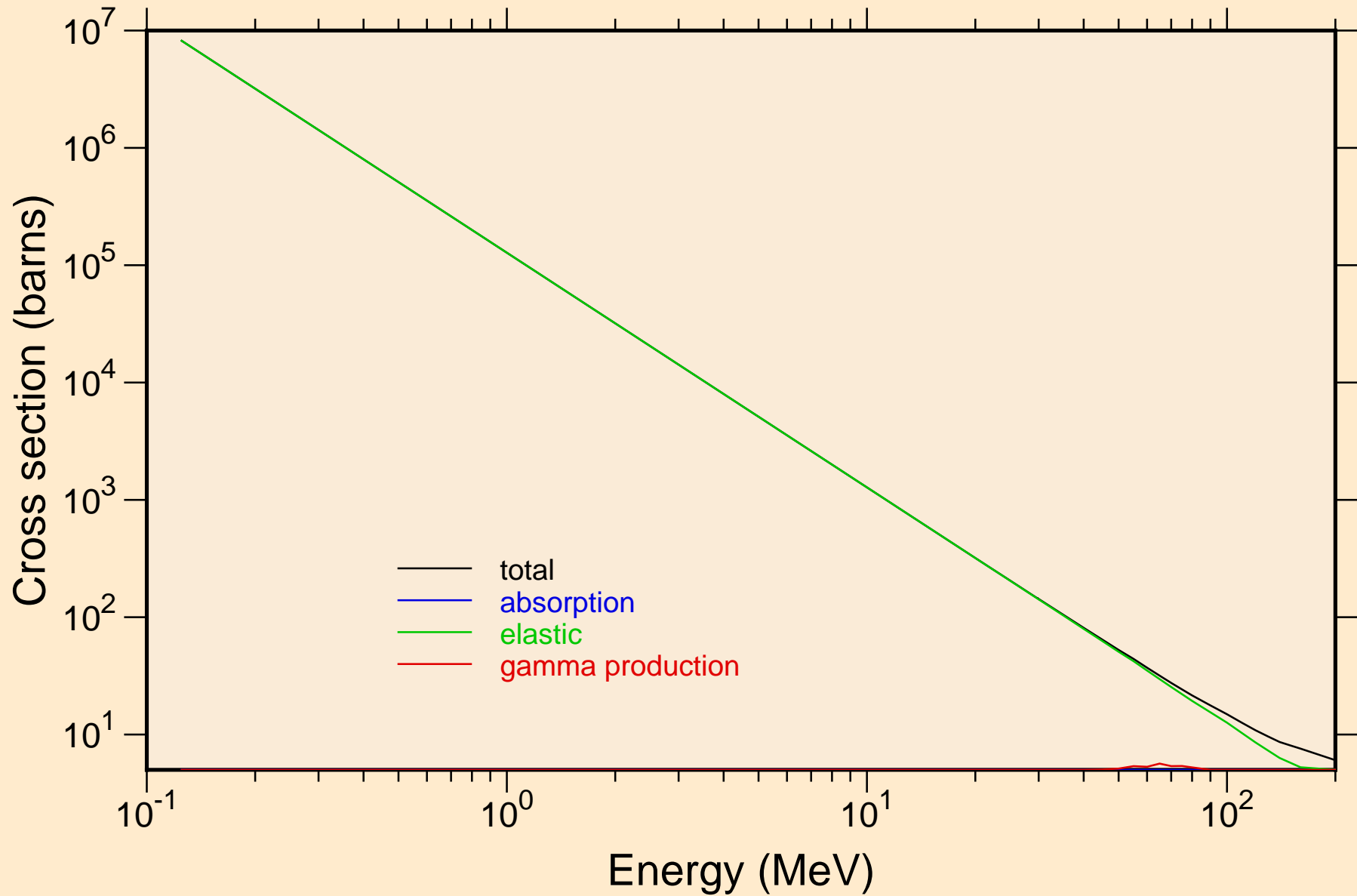
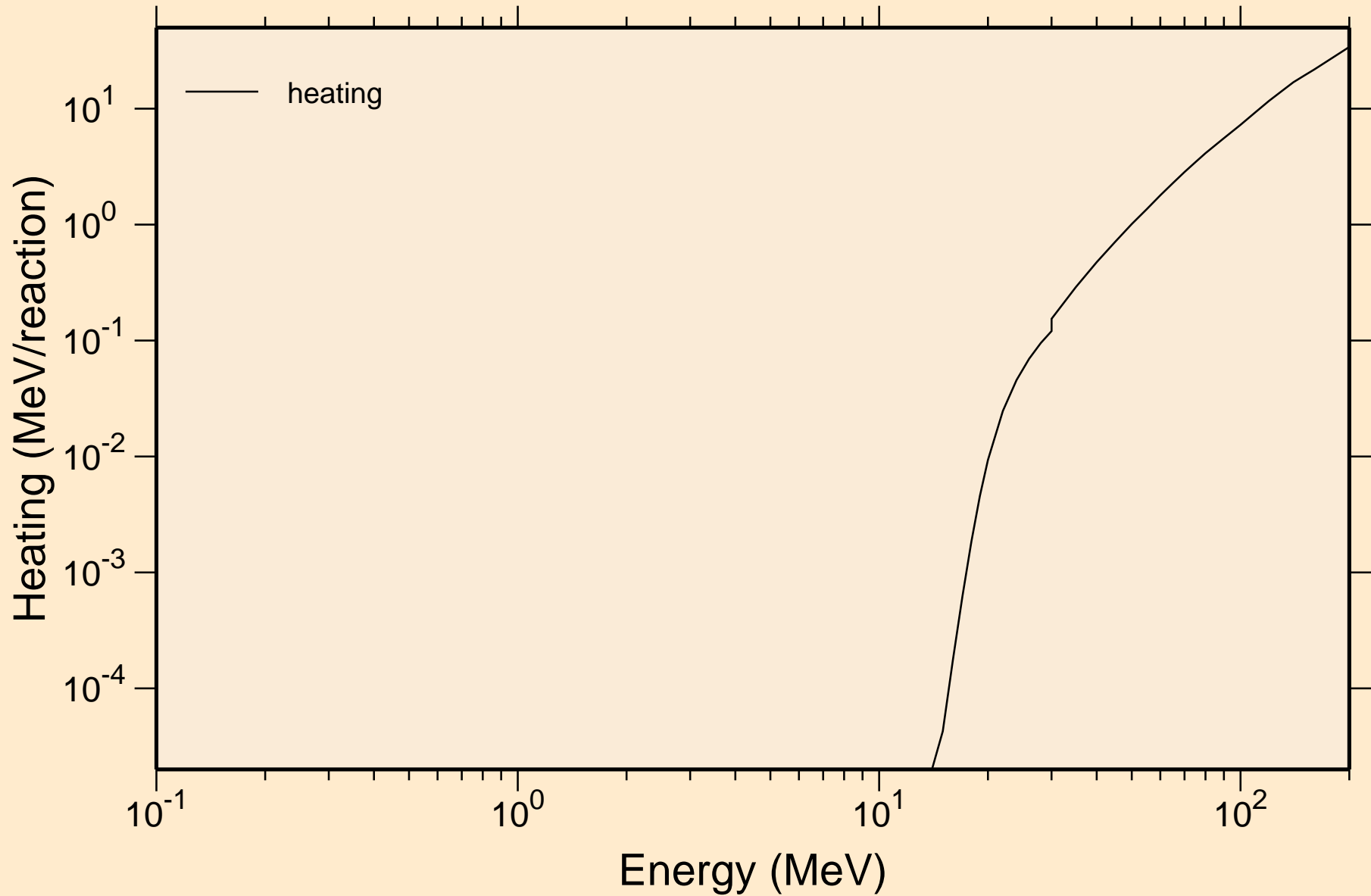


LU181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections



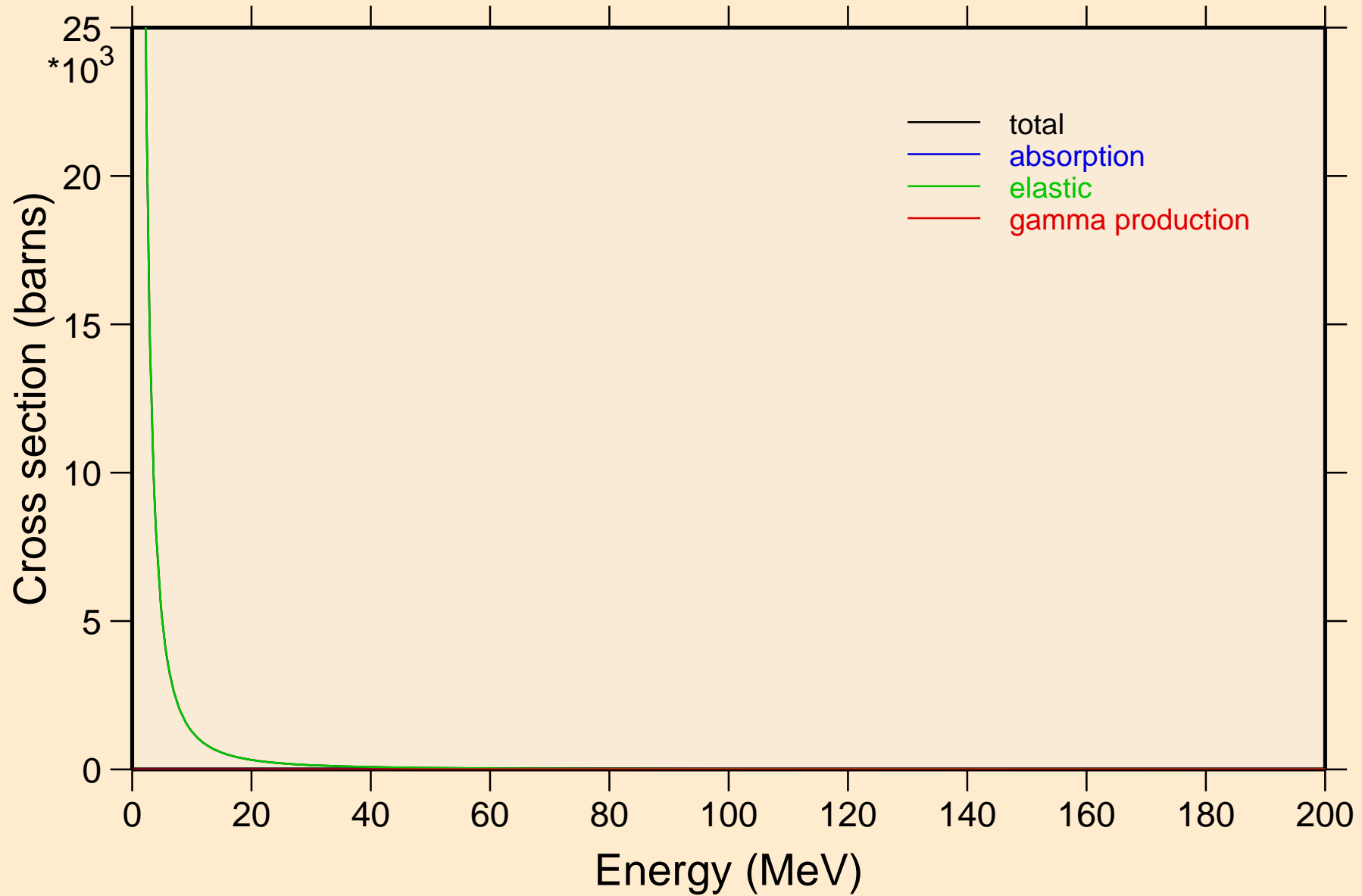
LU181 HELION ACER TENDL-2021 LIBRARY; T=0.K

Heating



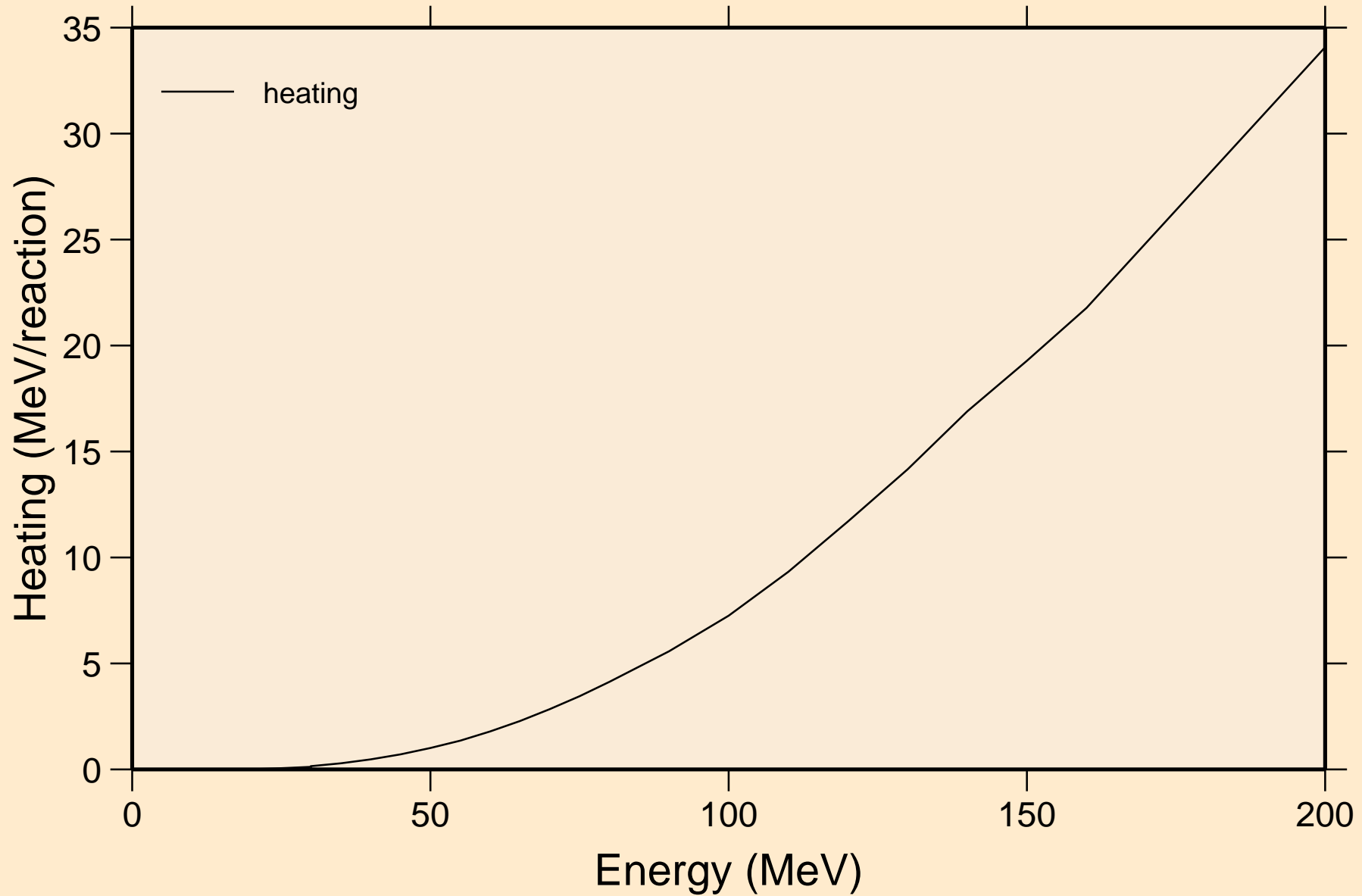
# LU181 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

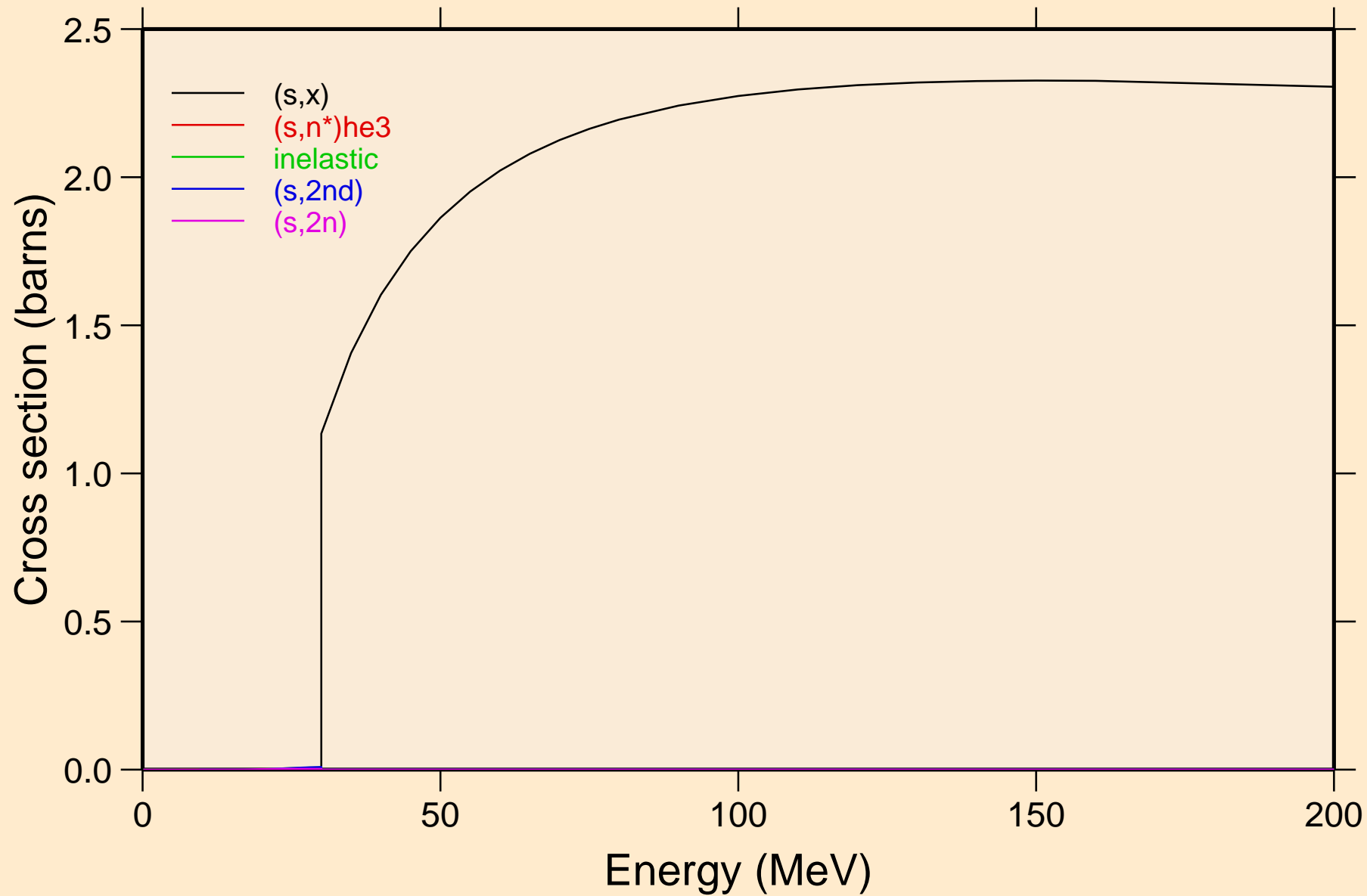


LU181 HELION ACER TENDL-2021 LIBRARY; T=0.K

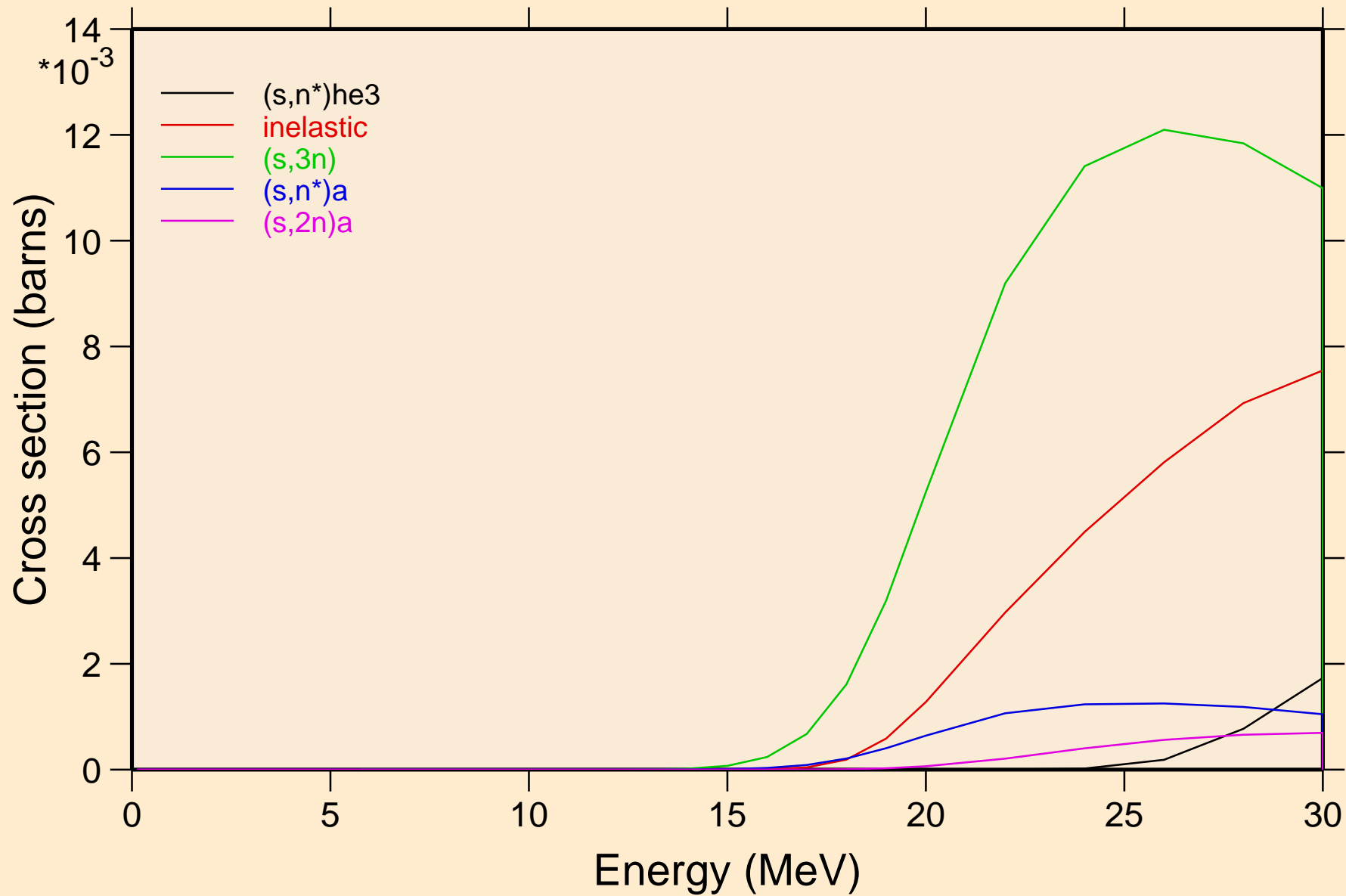
Heating



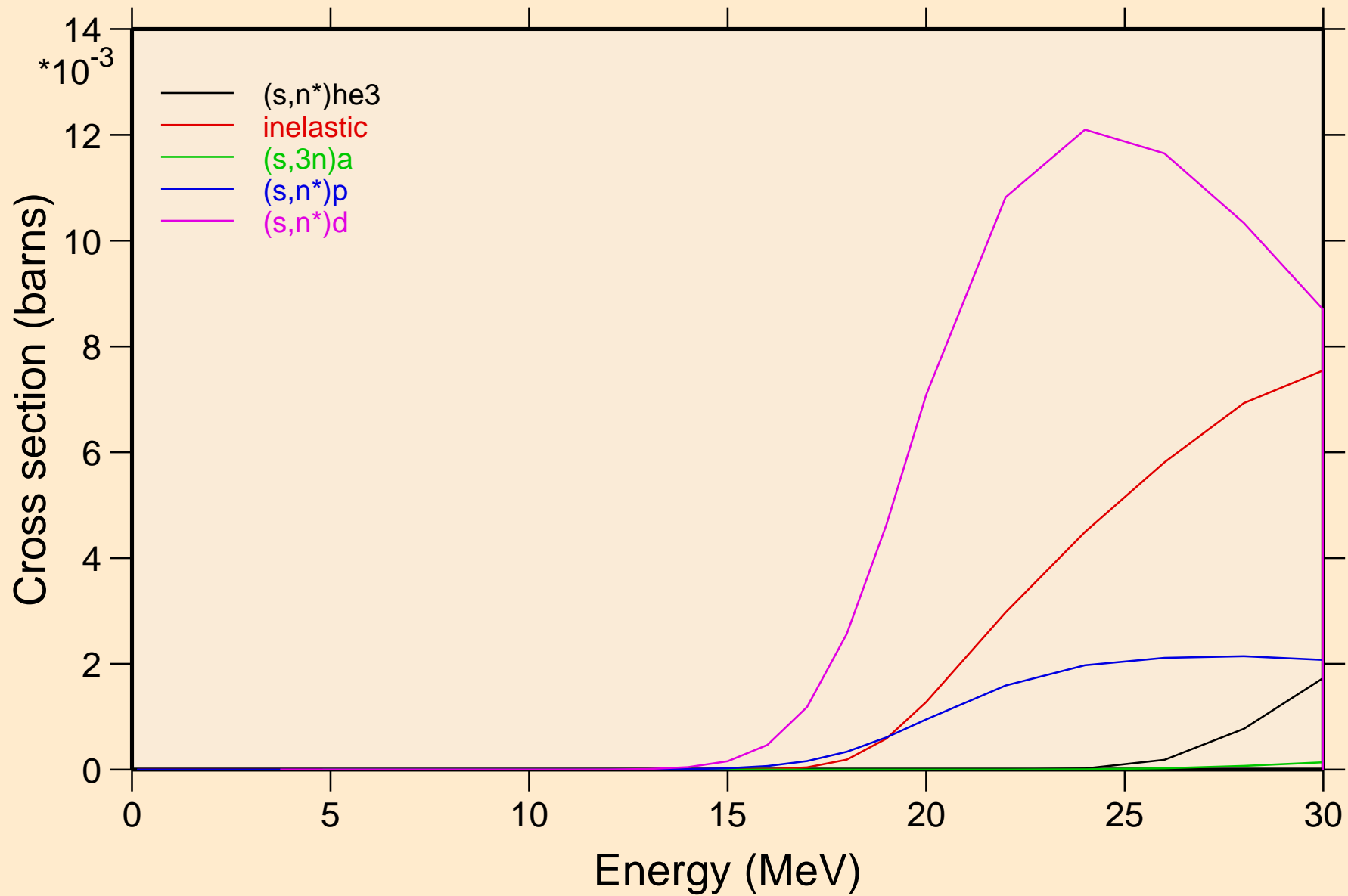
LU181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



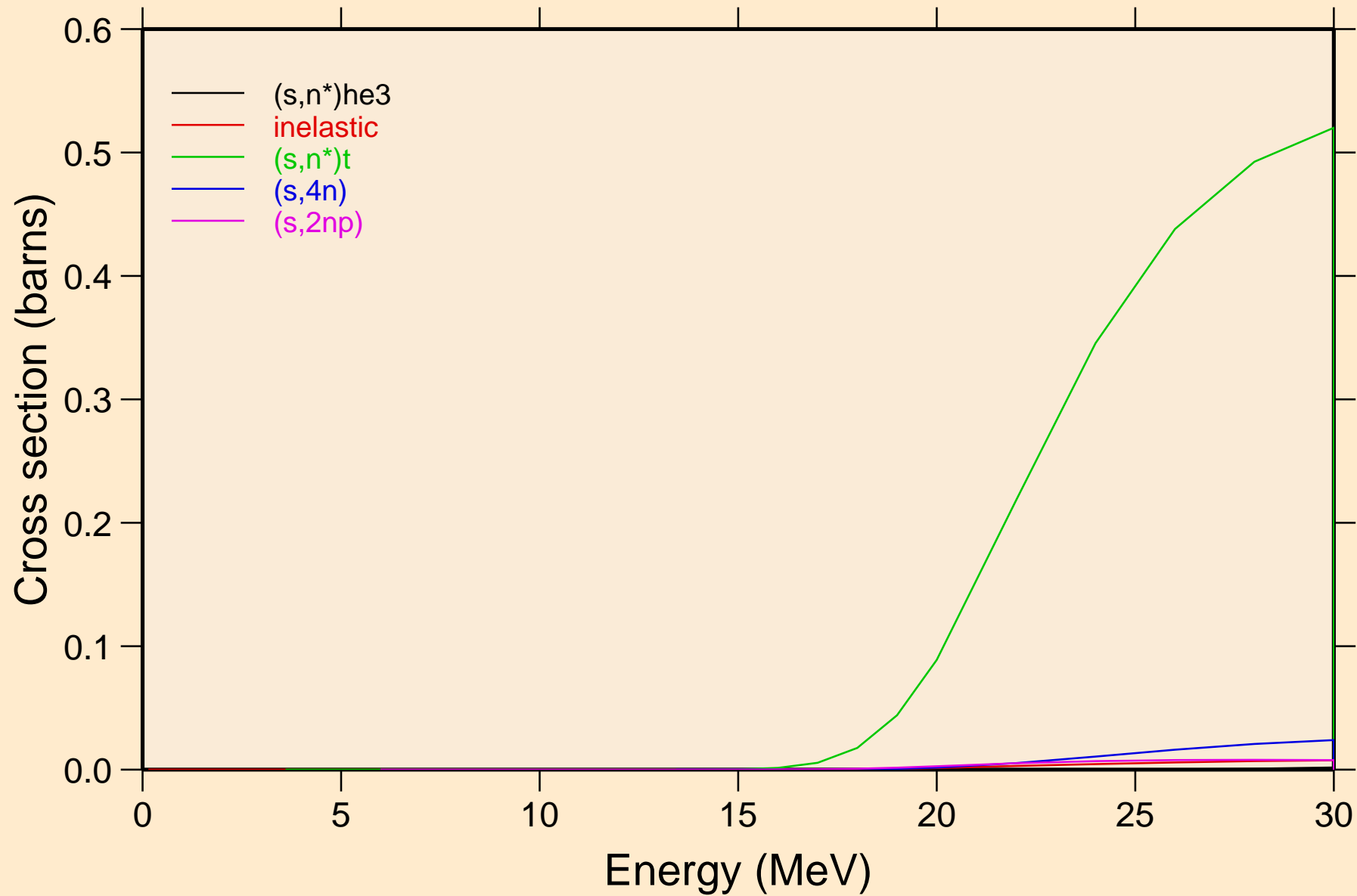
LU181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



LU181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

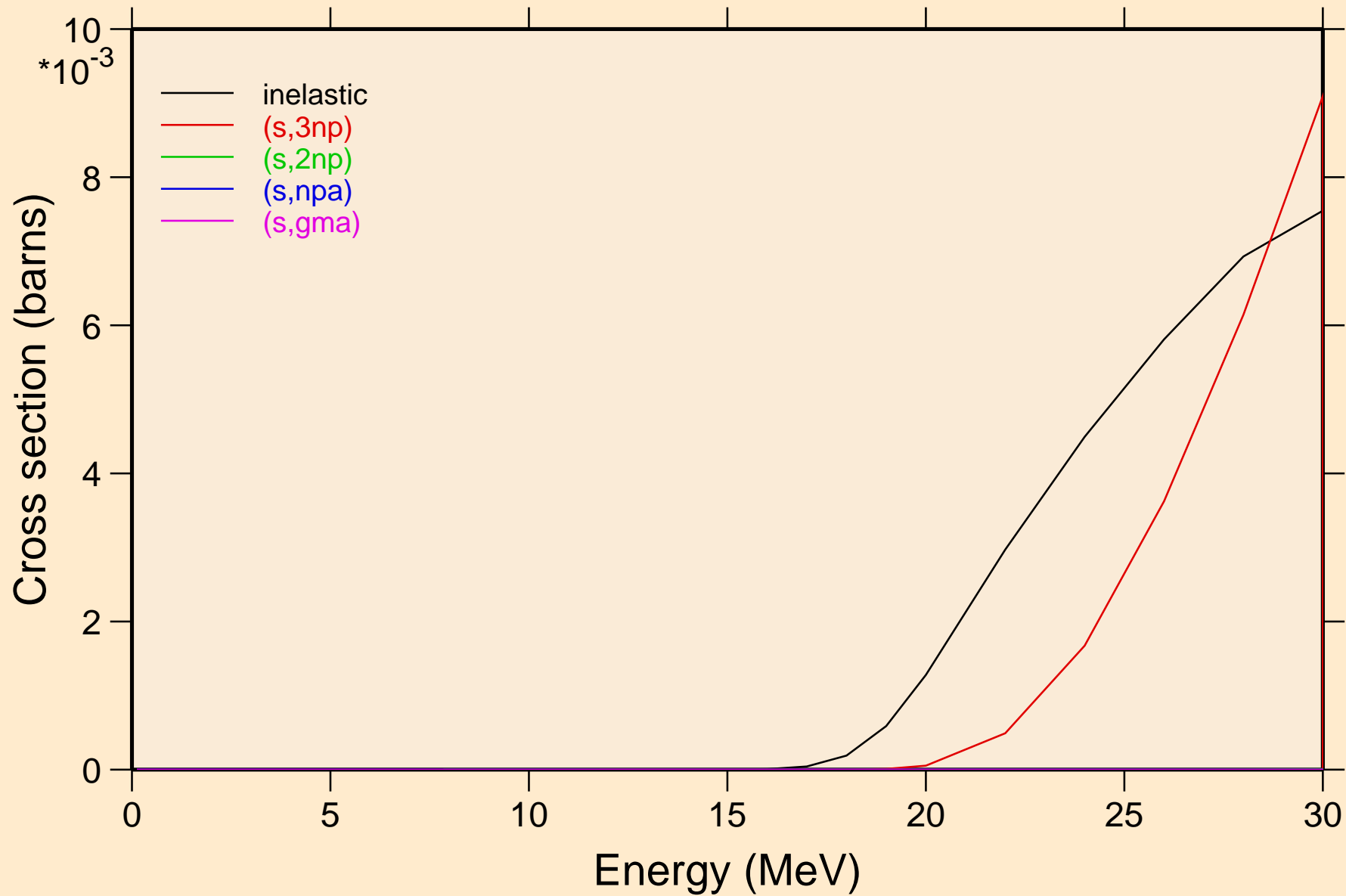


LU181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

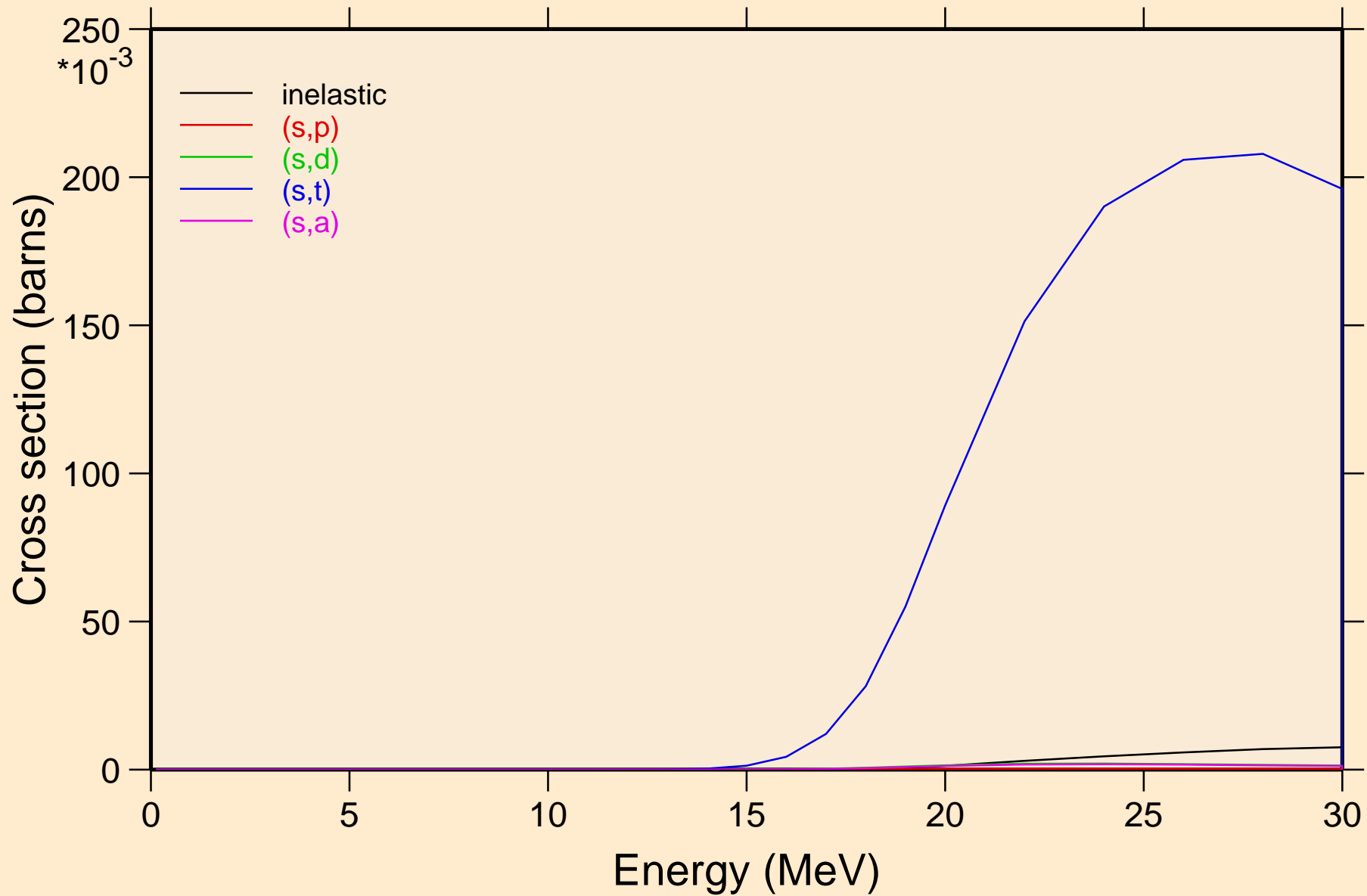




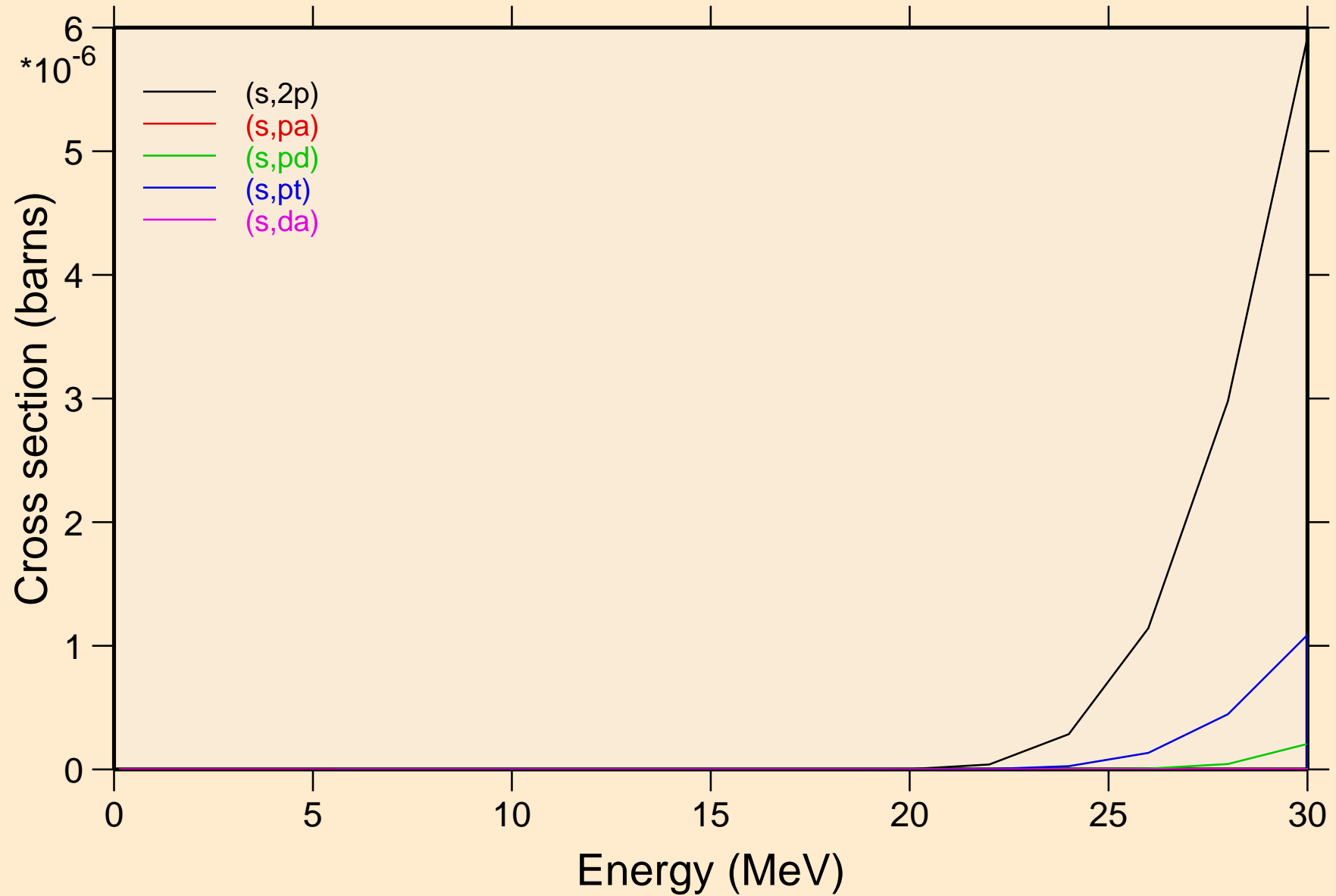
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Threshold reactions



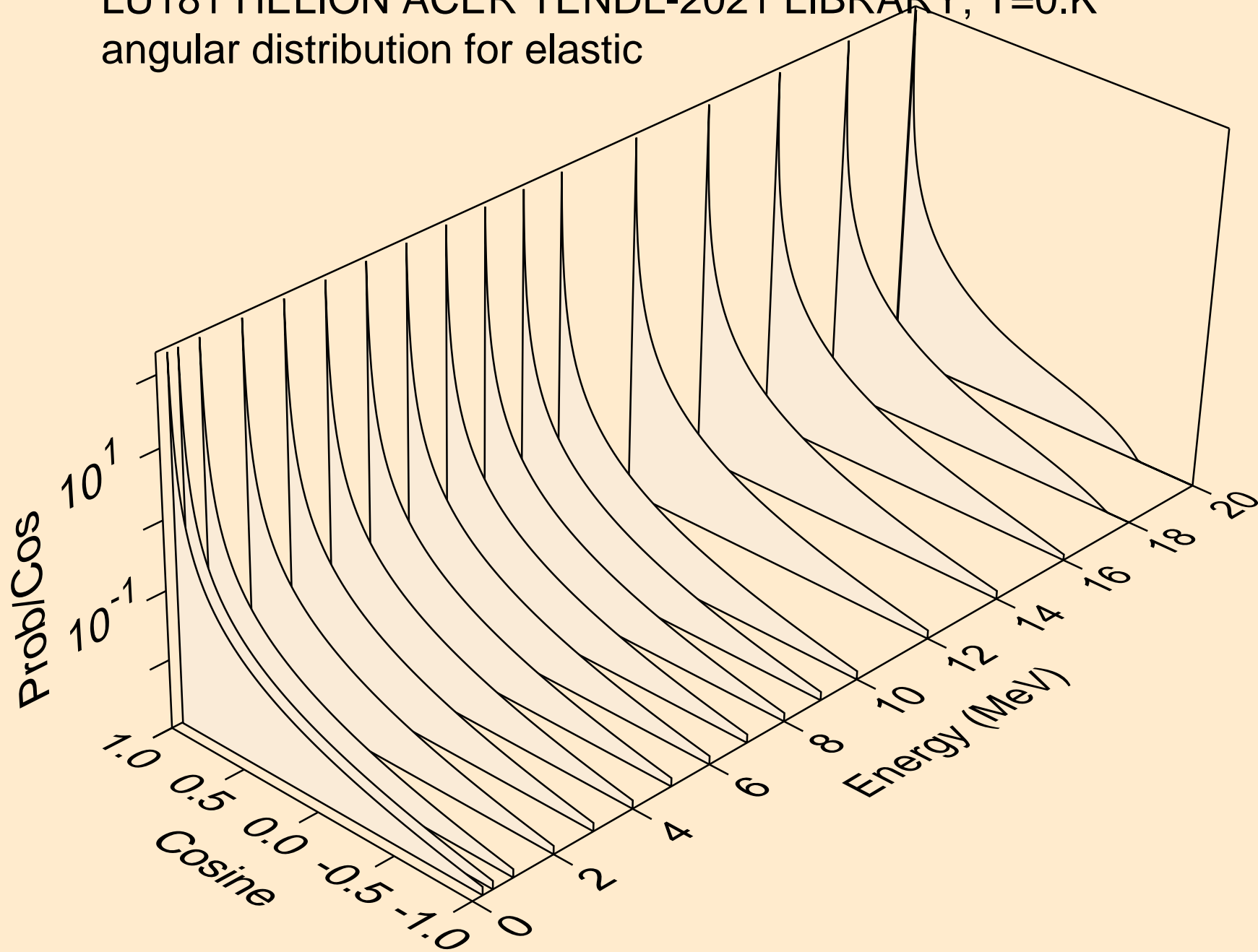
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Threshold reactions



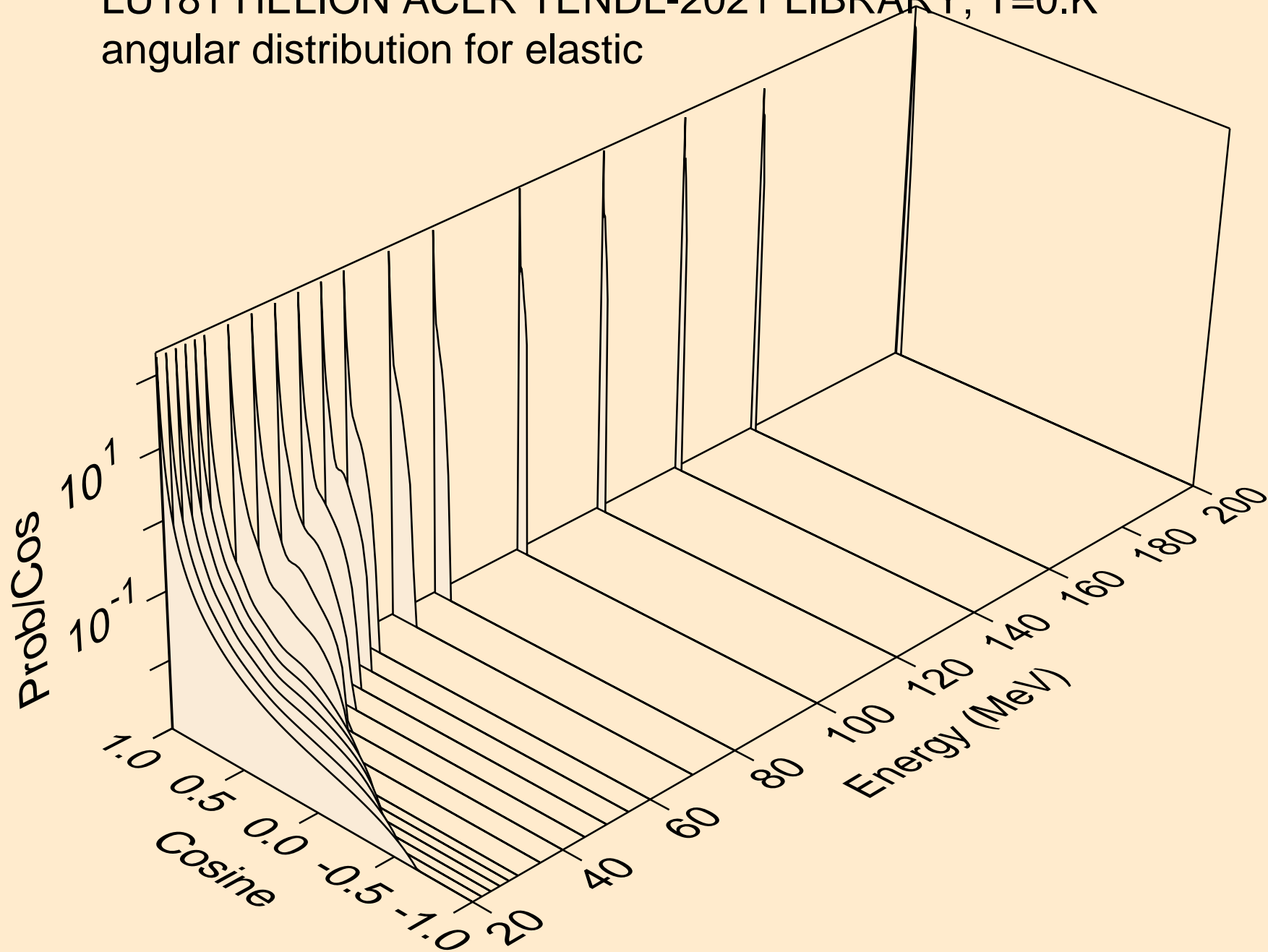
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Threshold reactions



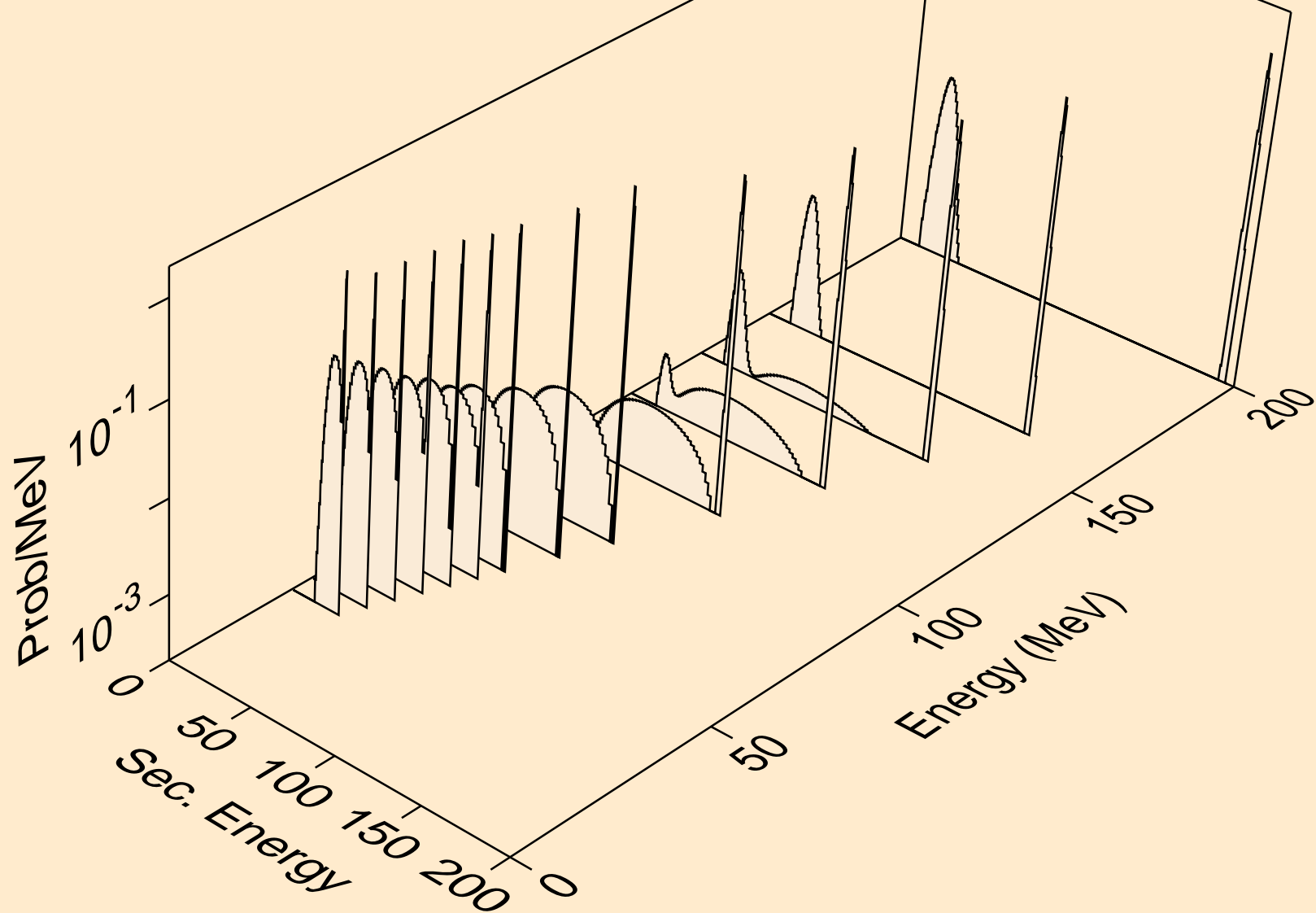
LU181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



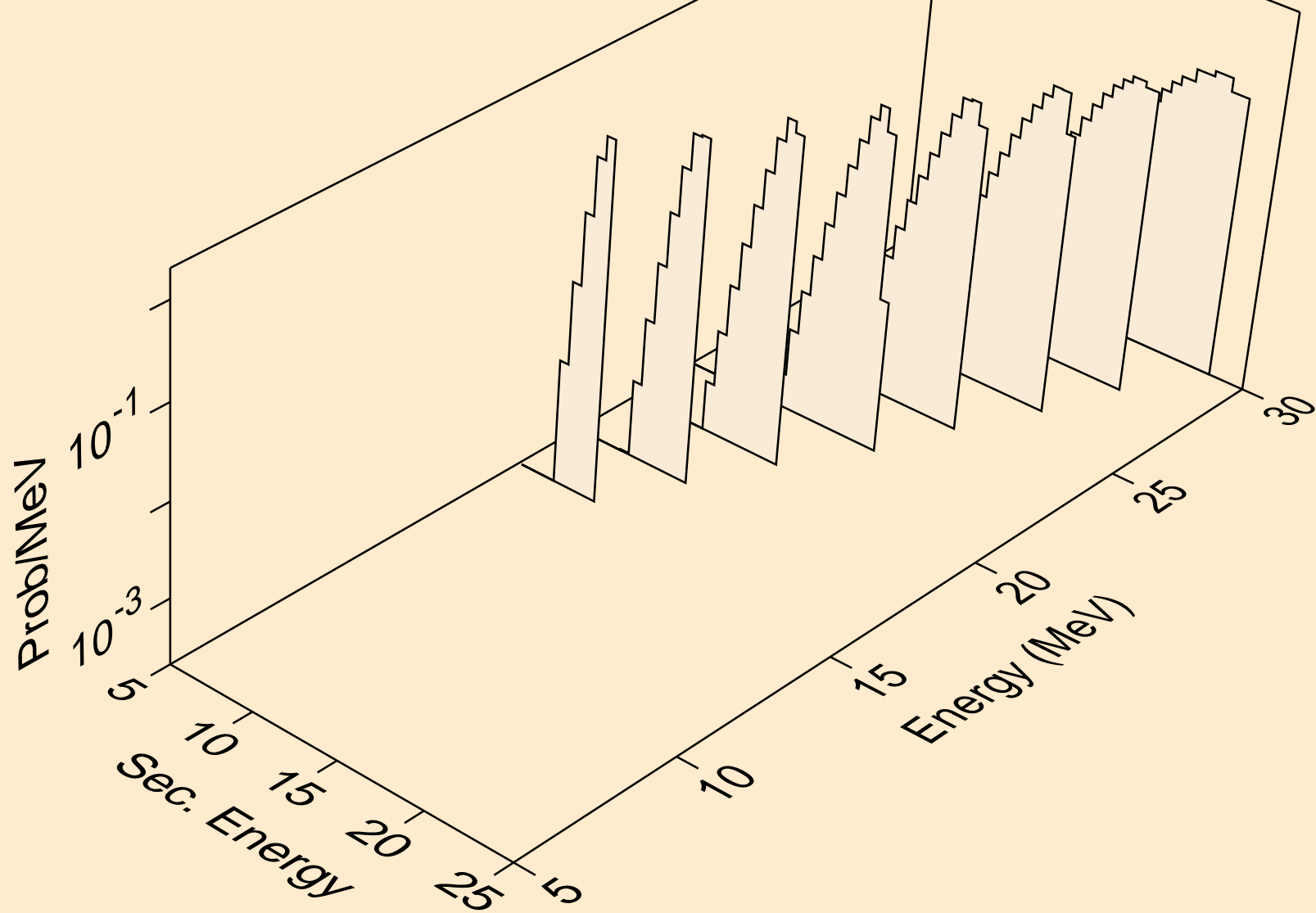
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angular distribution for elastic



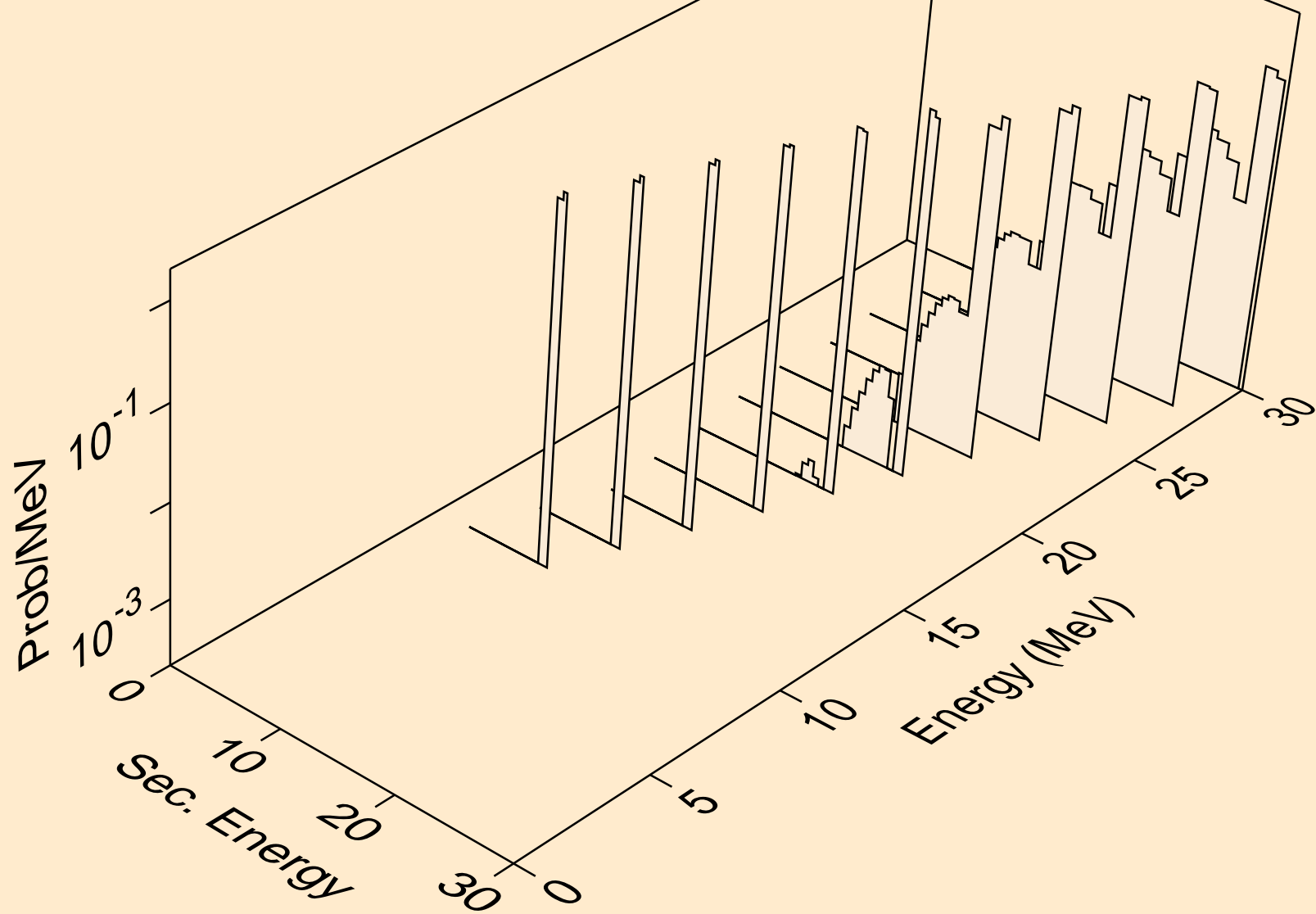
LU181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,x)



LU181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

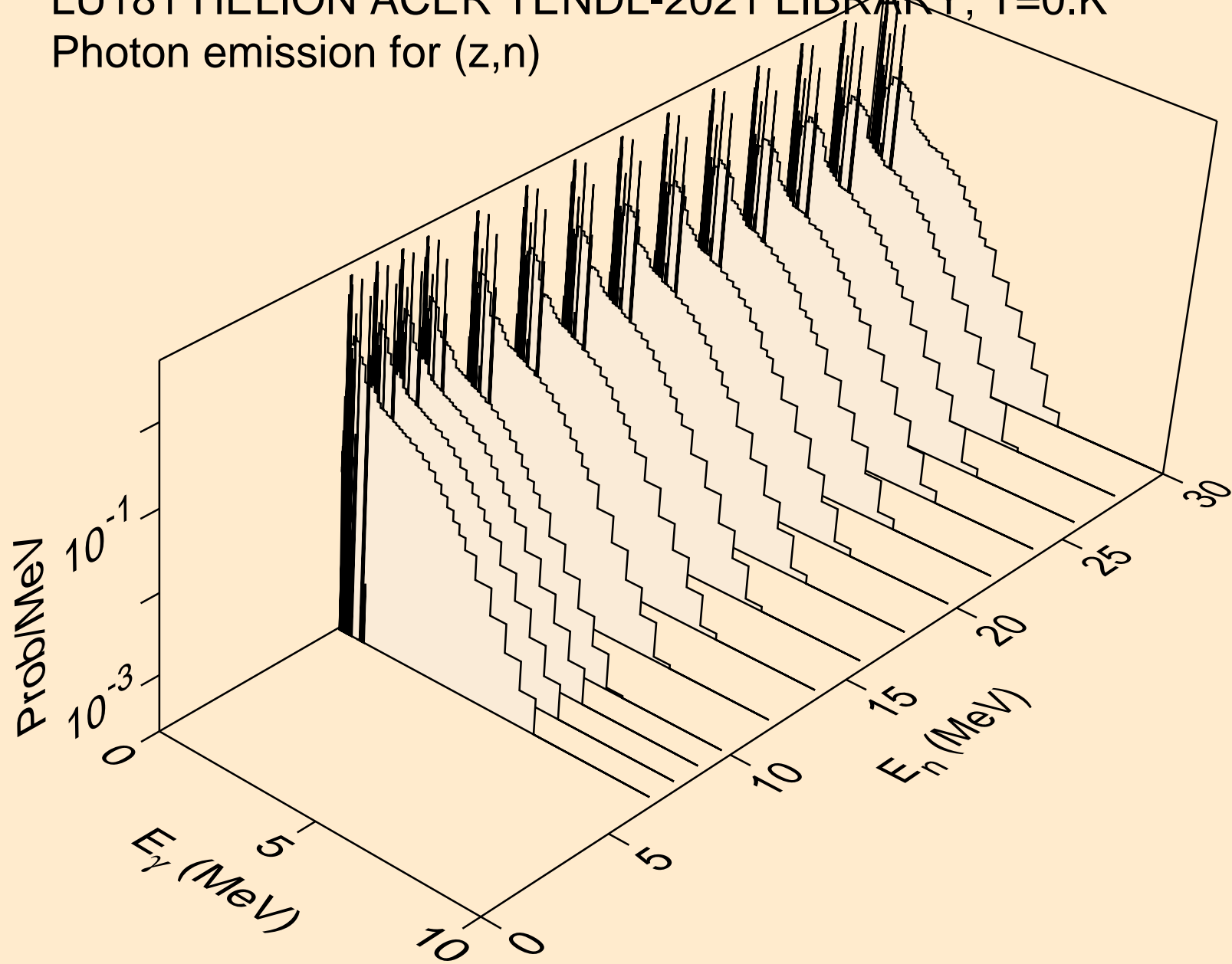


LU181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for inelastic

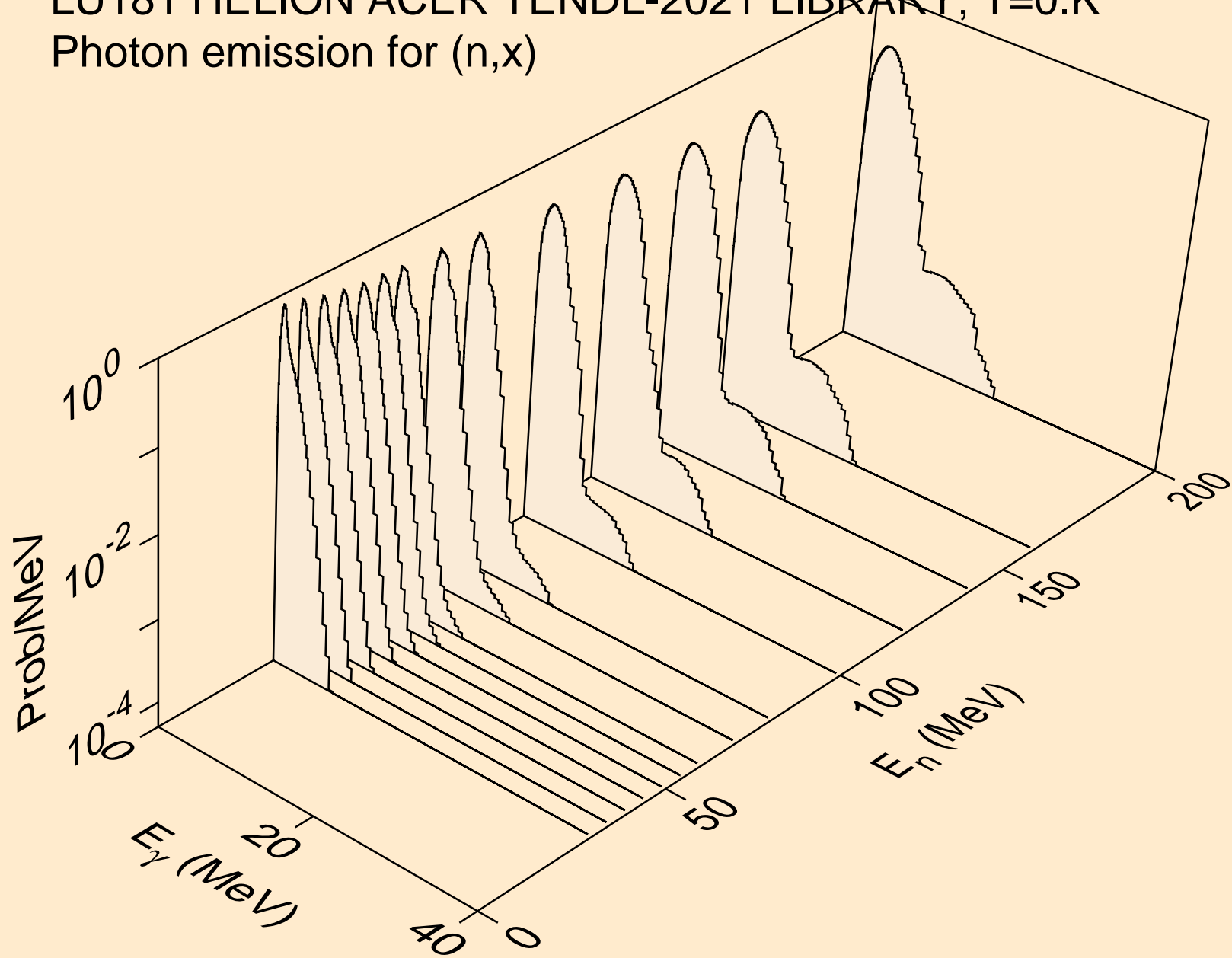




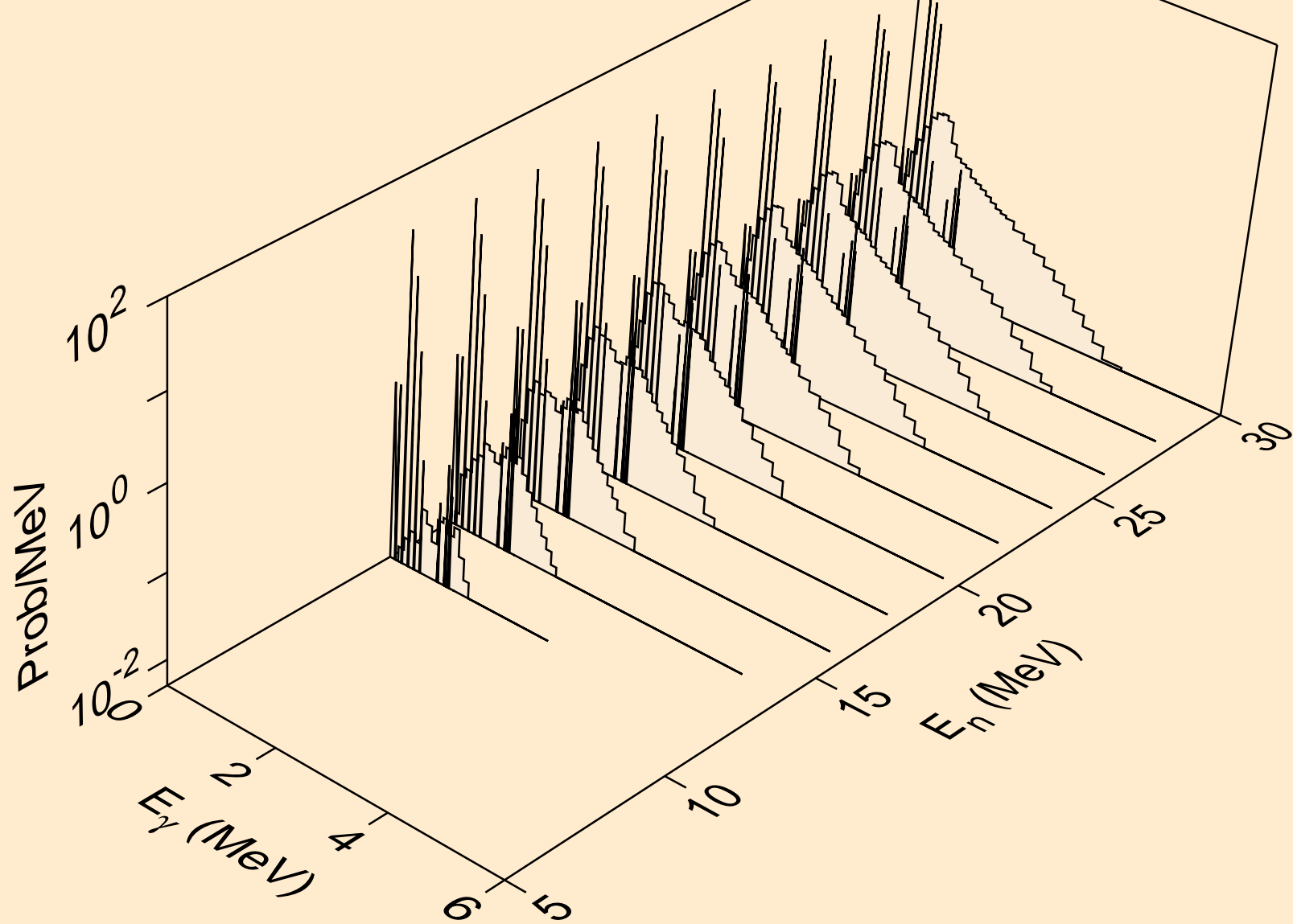
LU181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



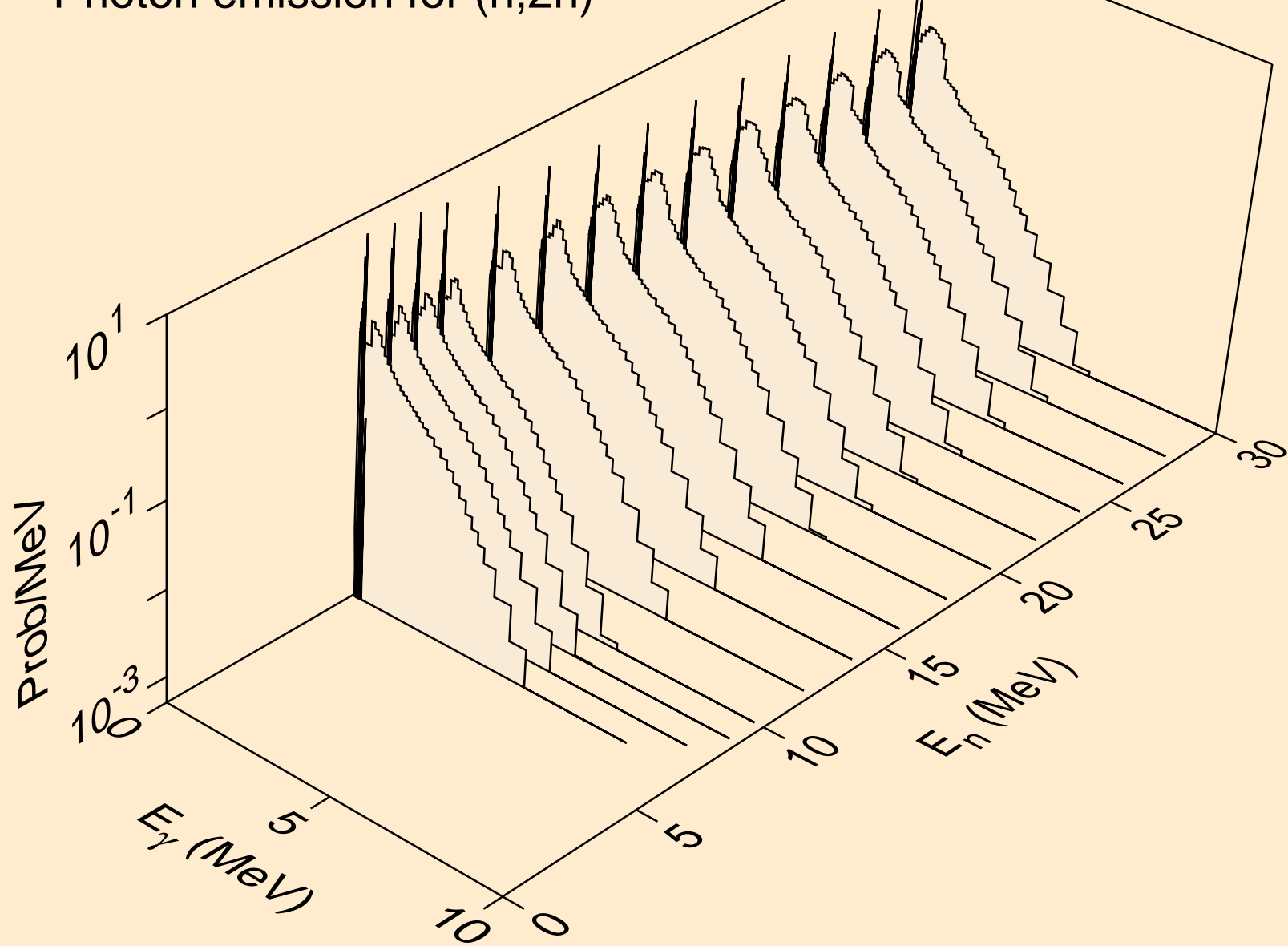
LU181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



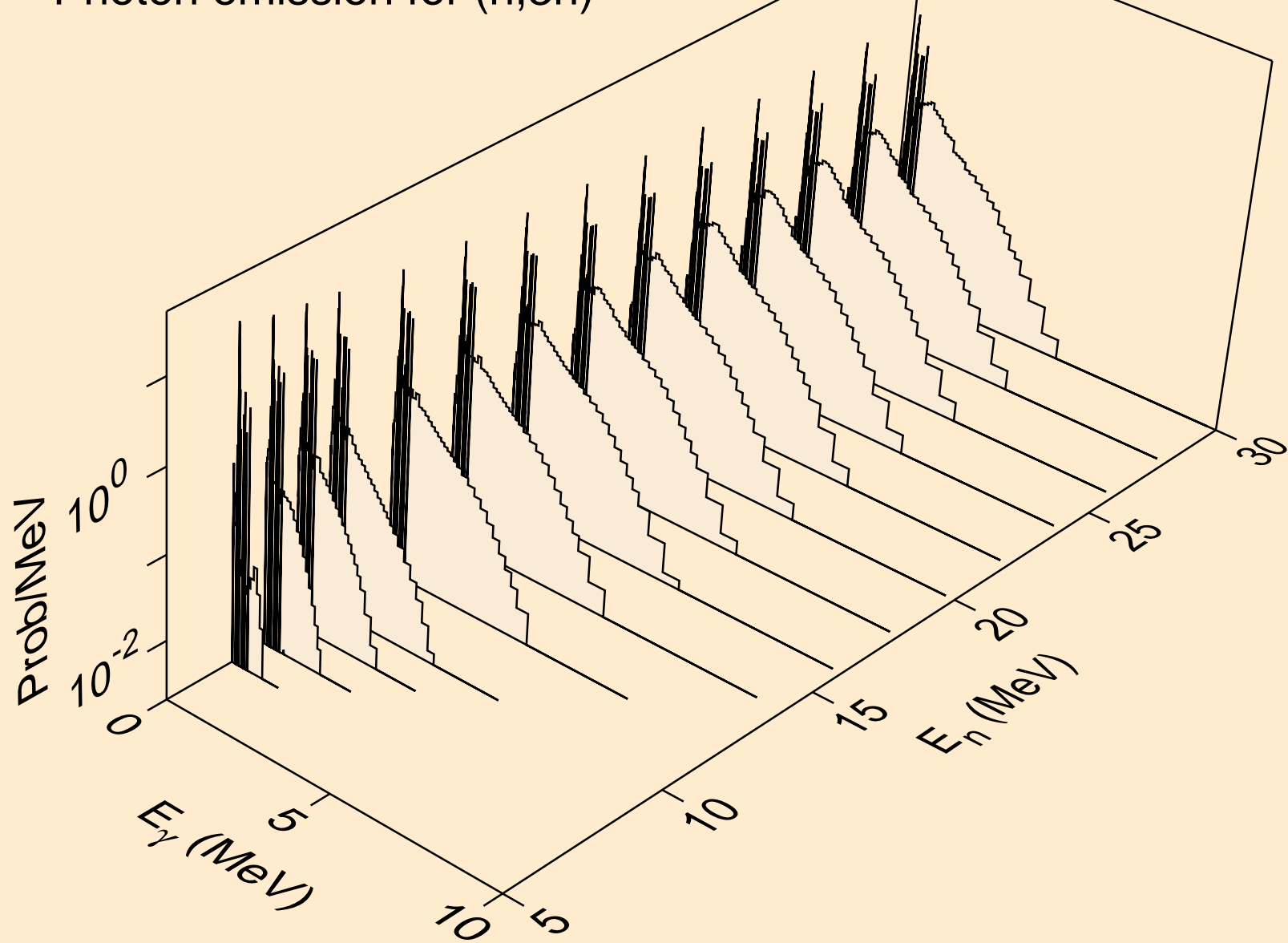
LU181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)



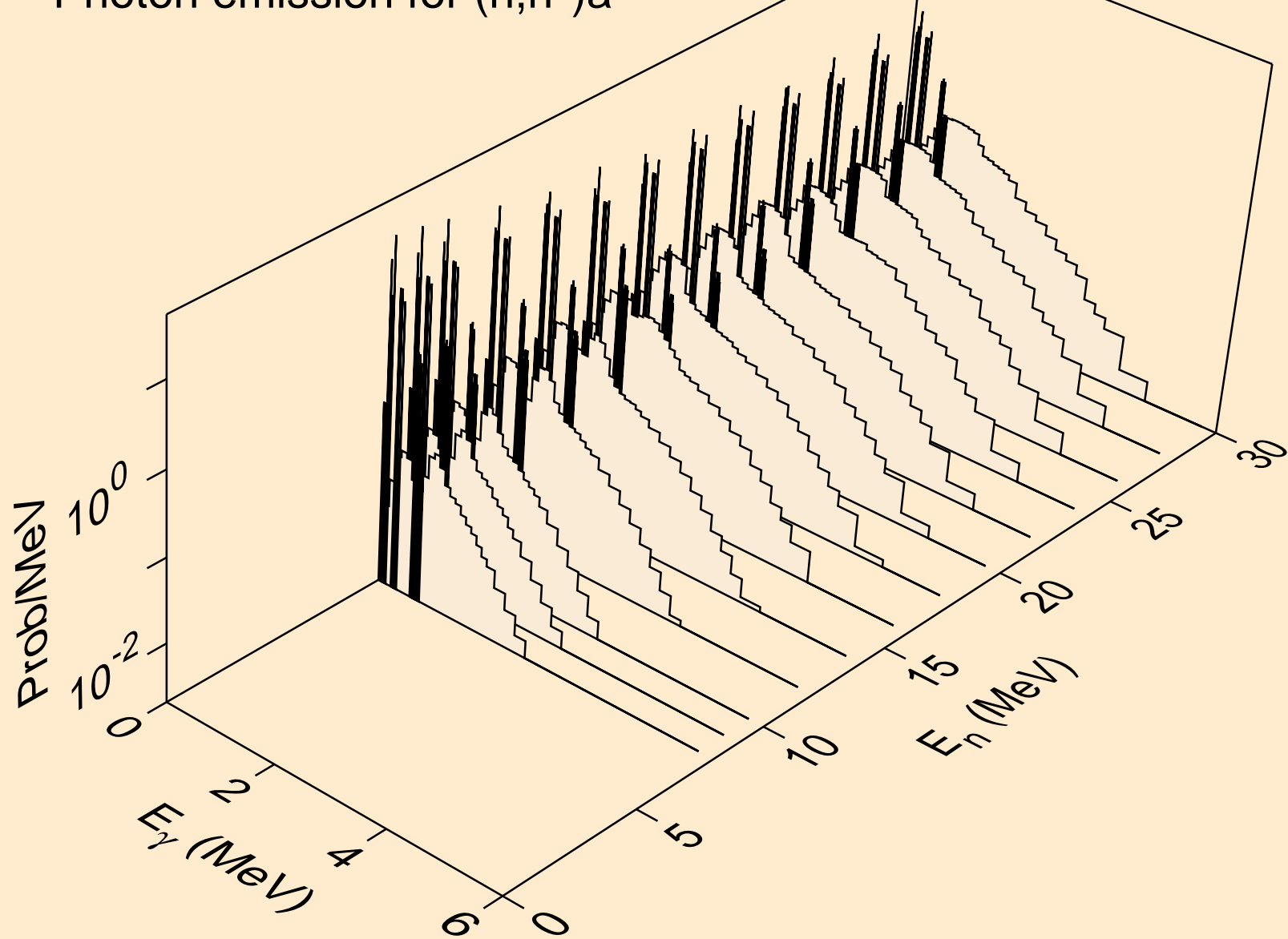
LU181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



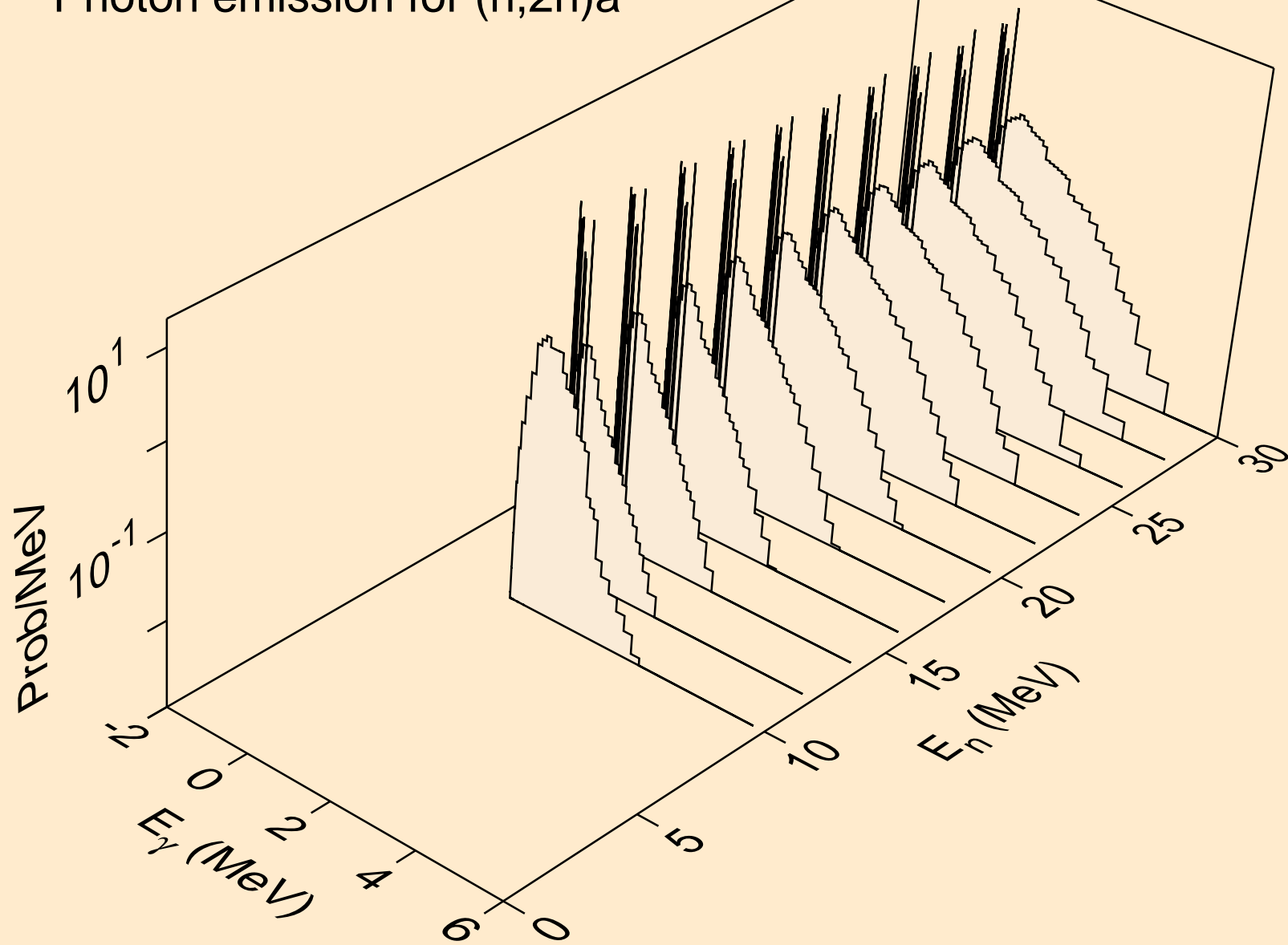
LU181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



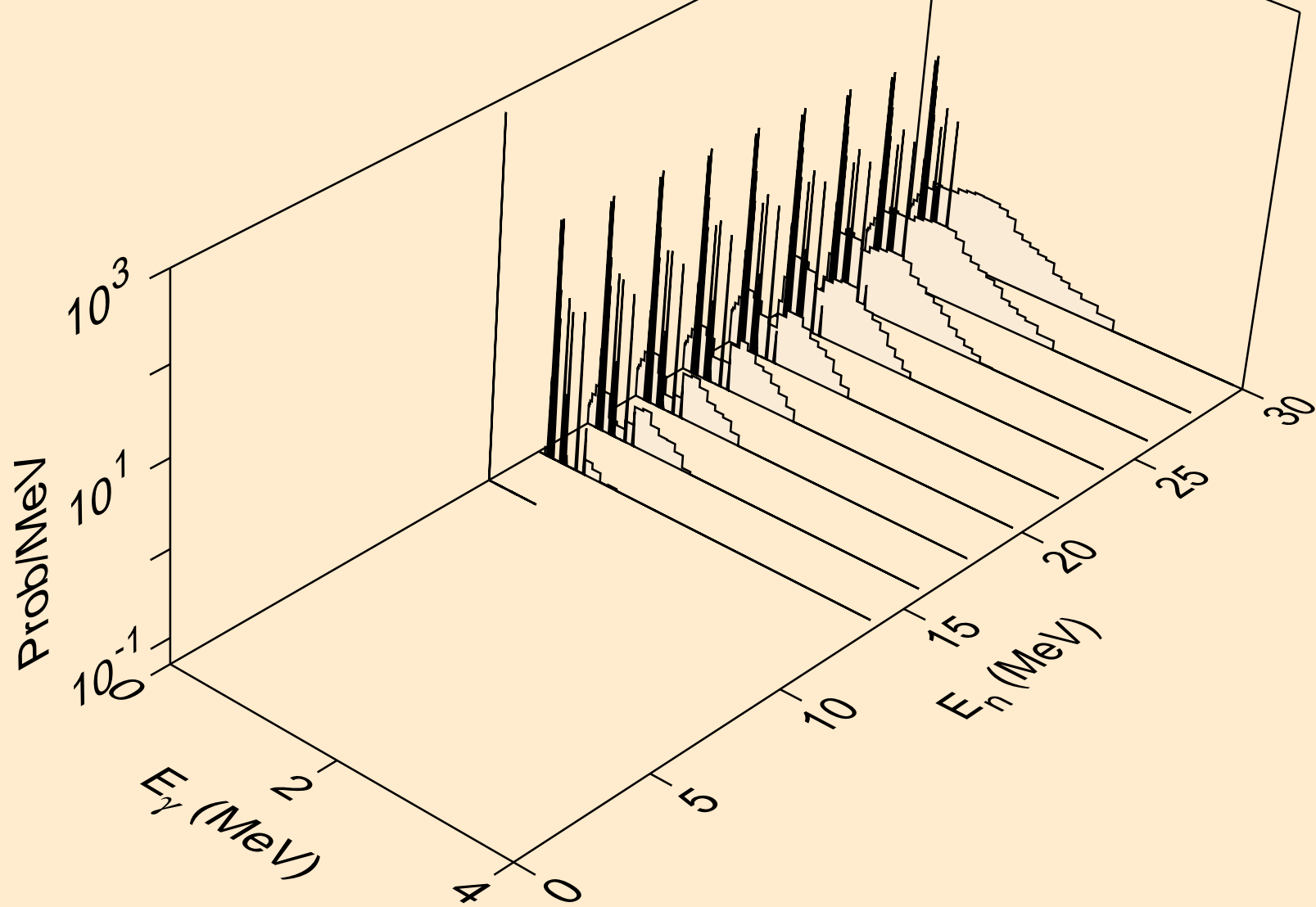
LU181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



LU181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a

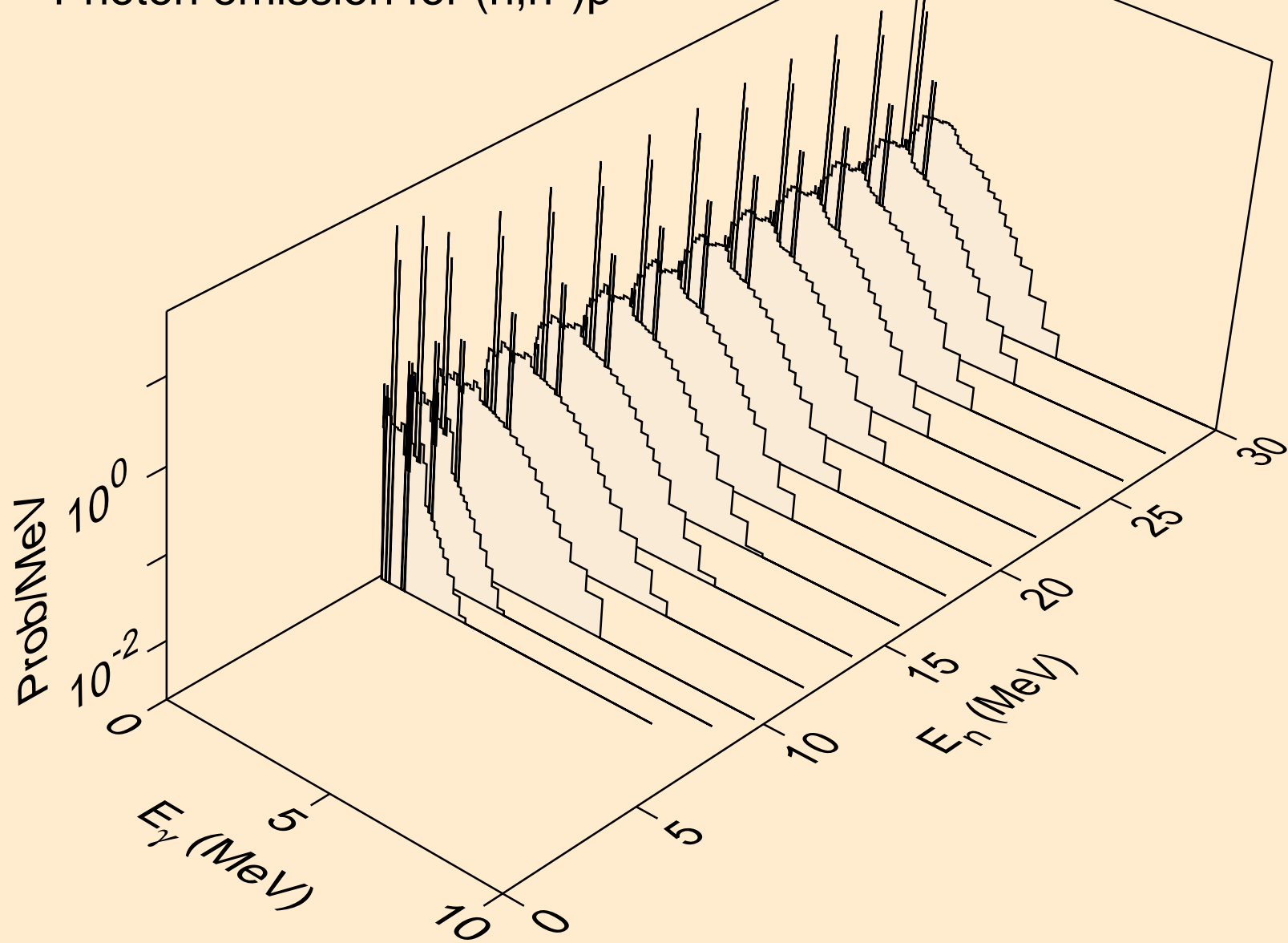


LU181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)a

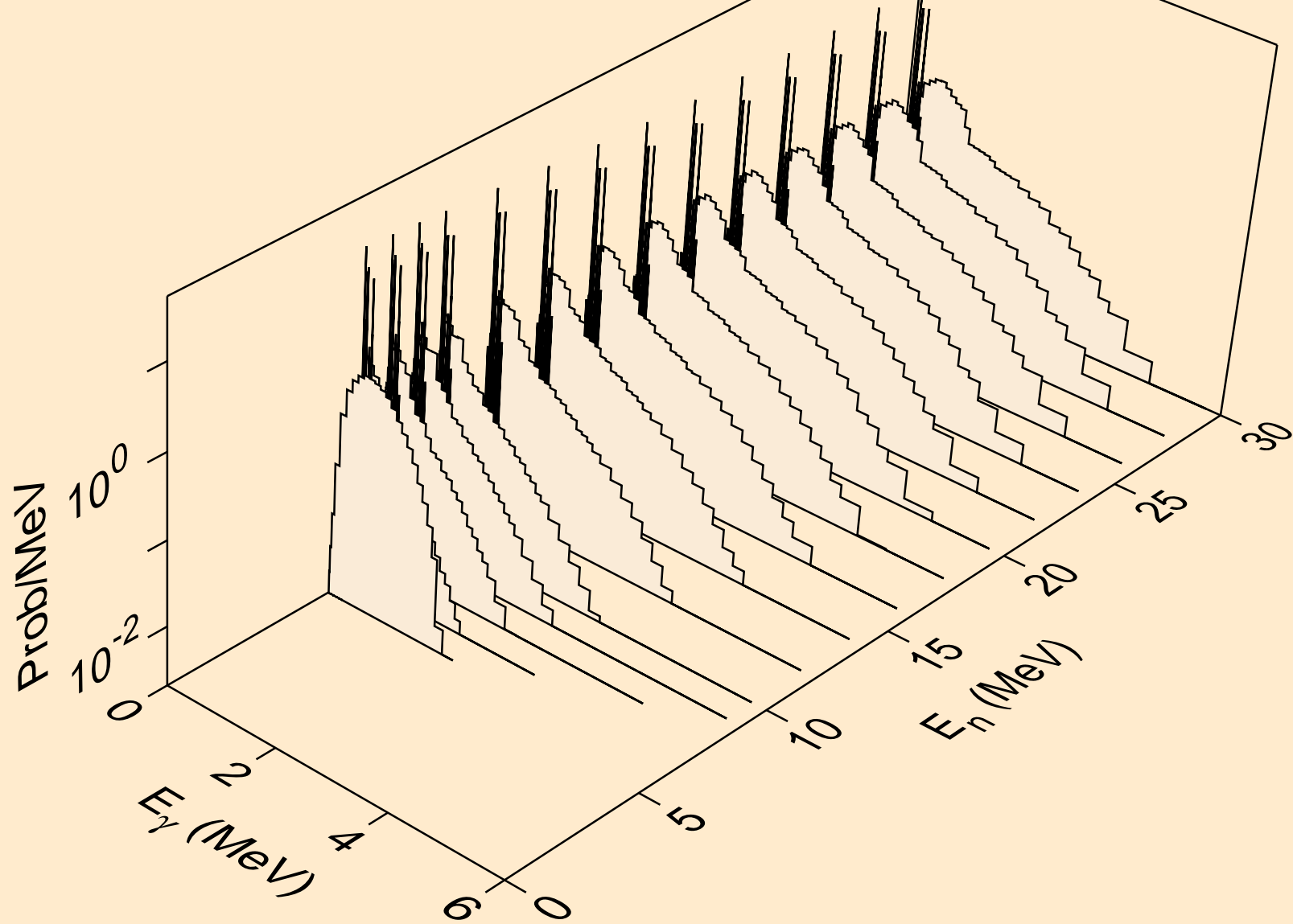




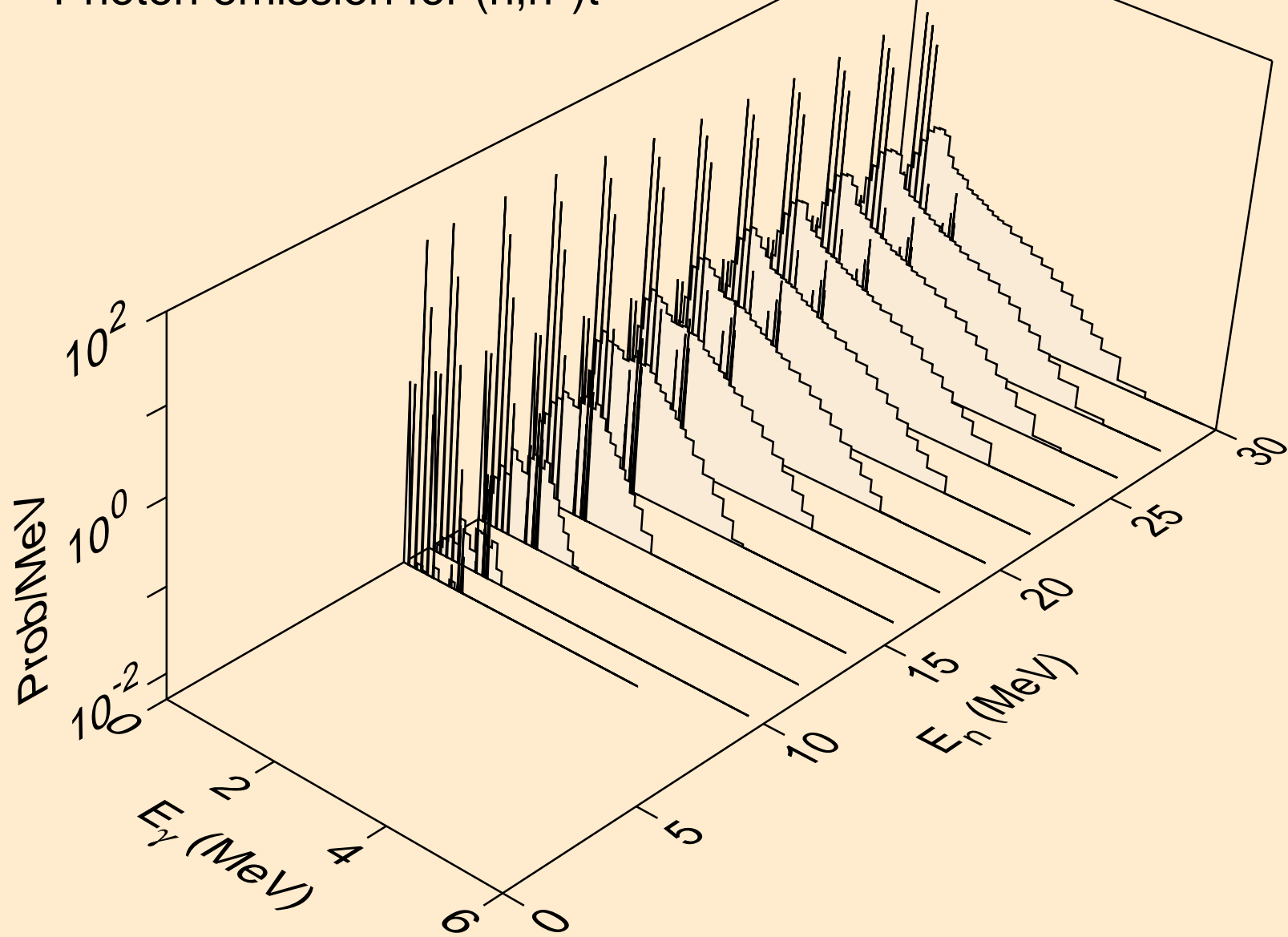
LU181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



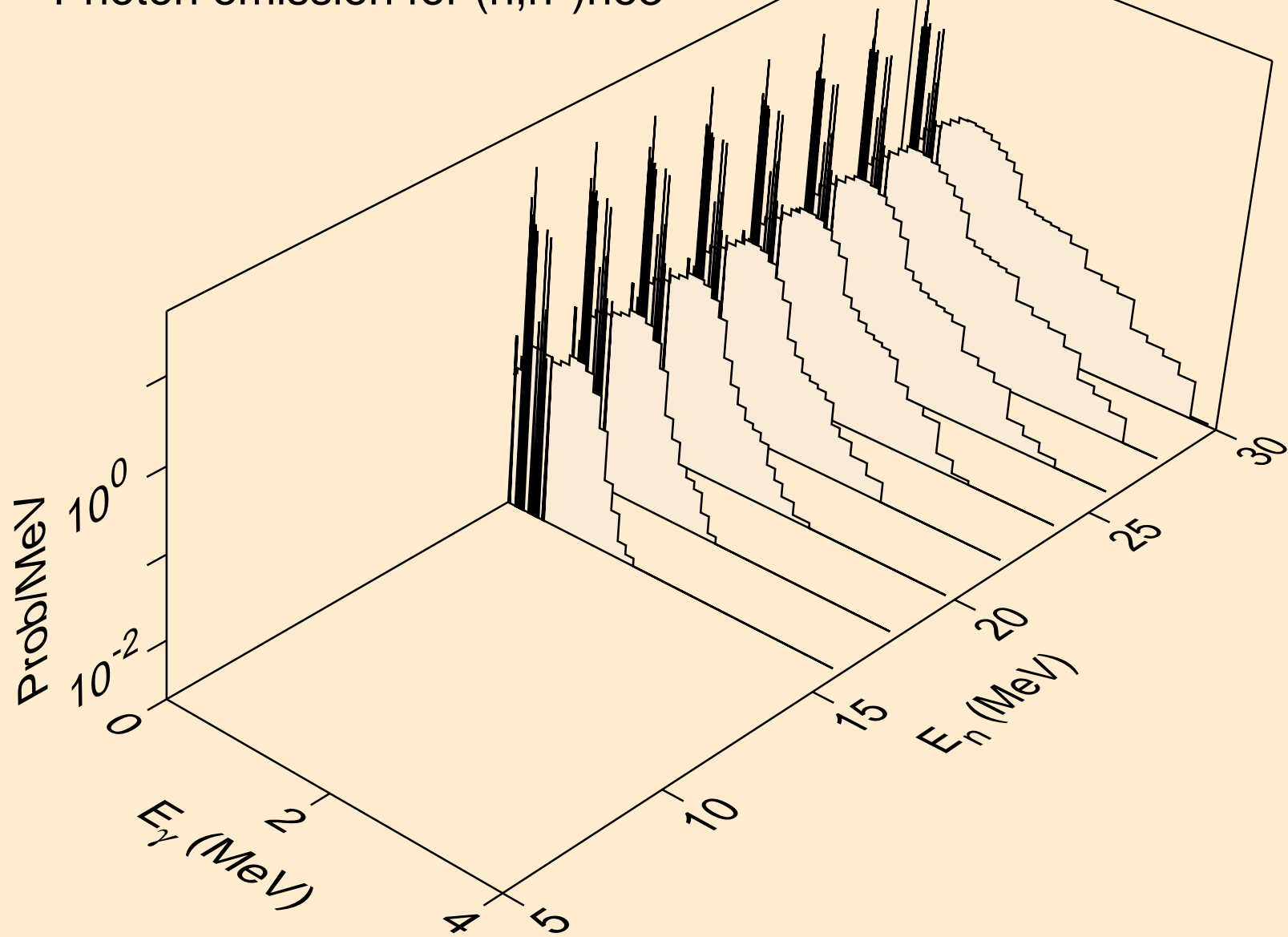
LU181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



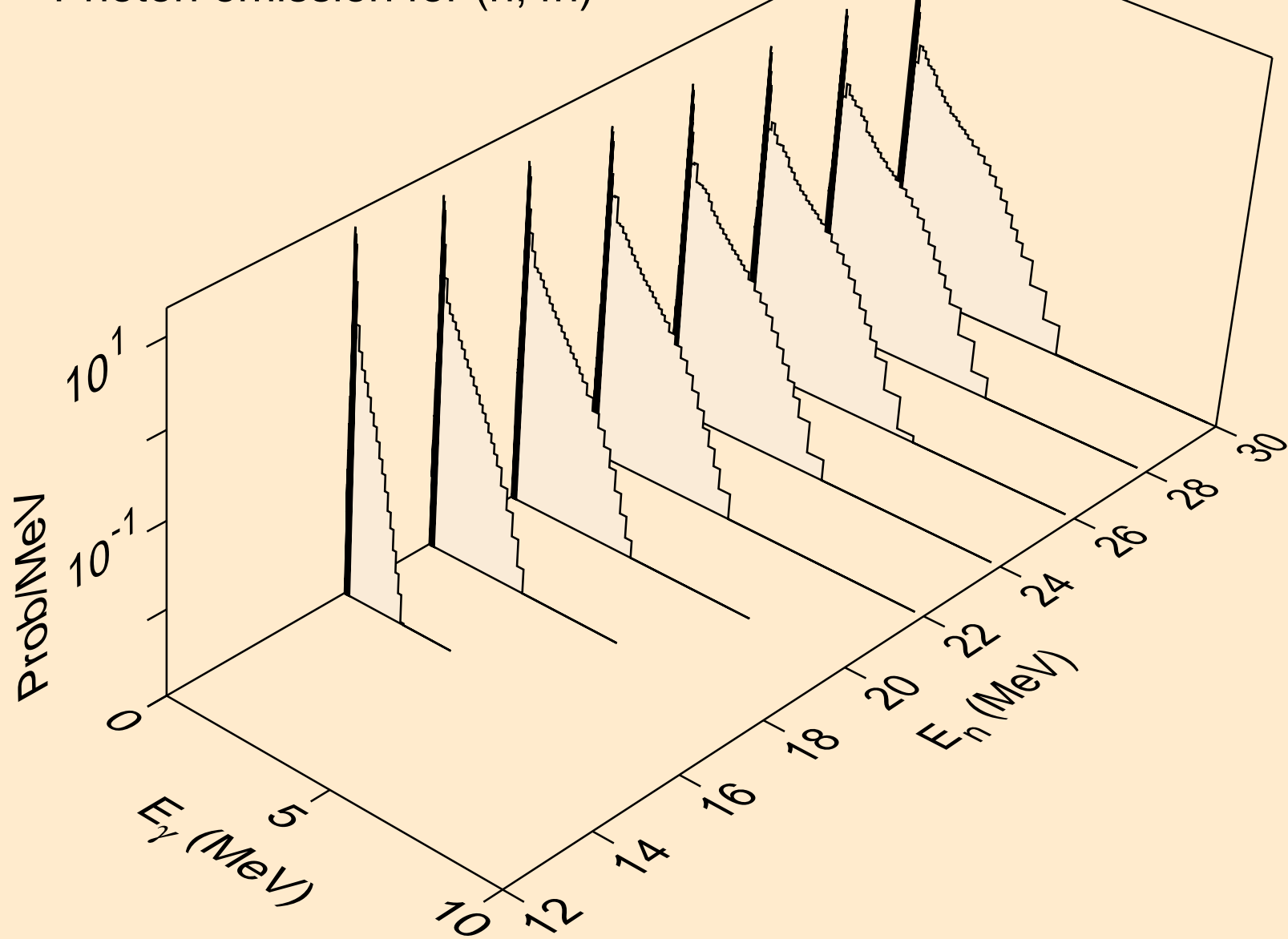
LU181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



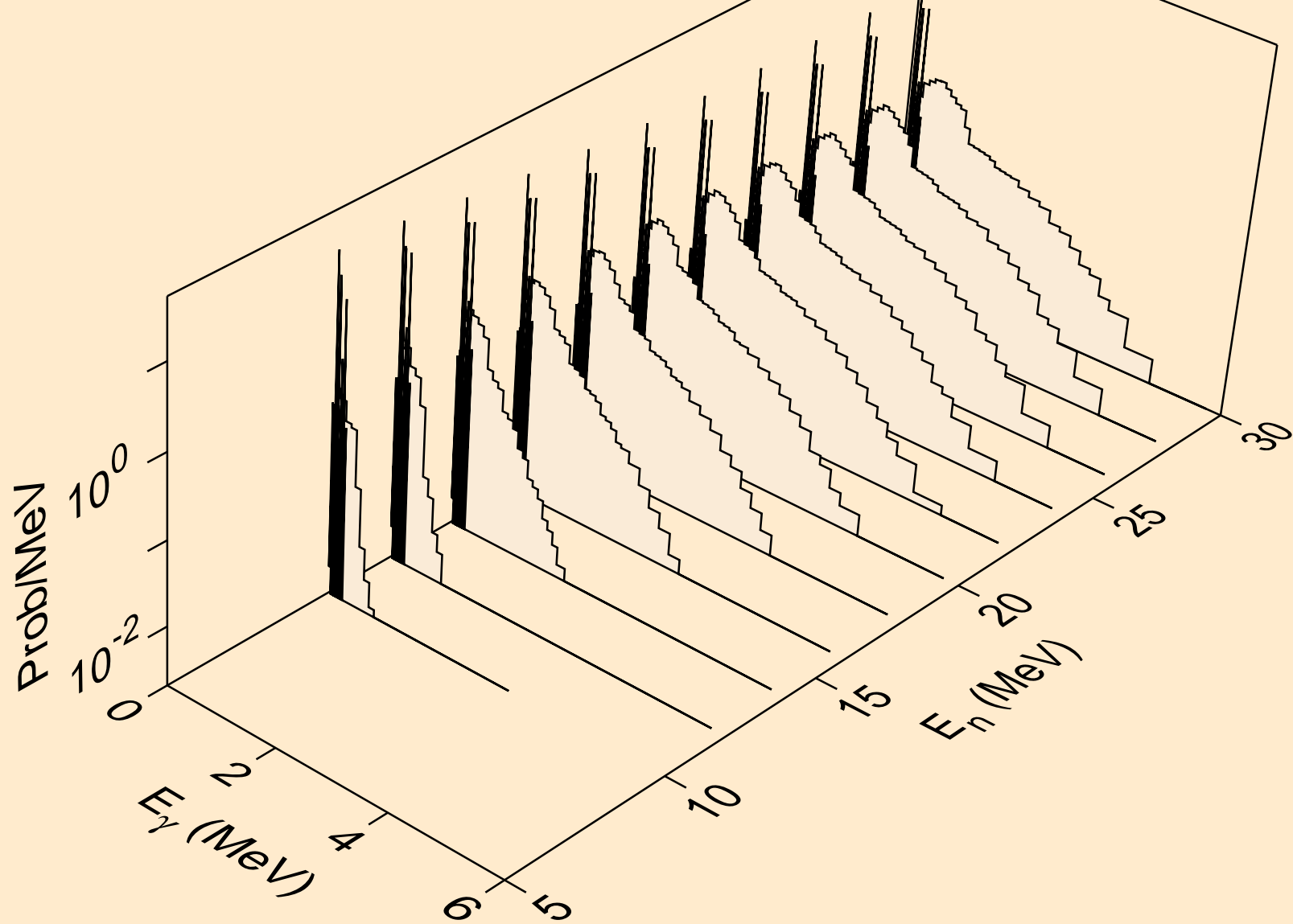
LU181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



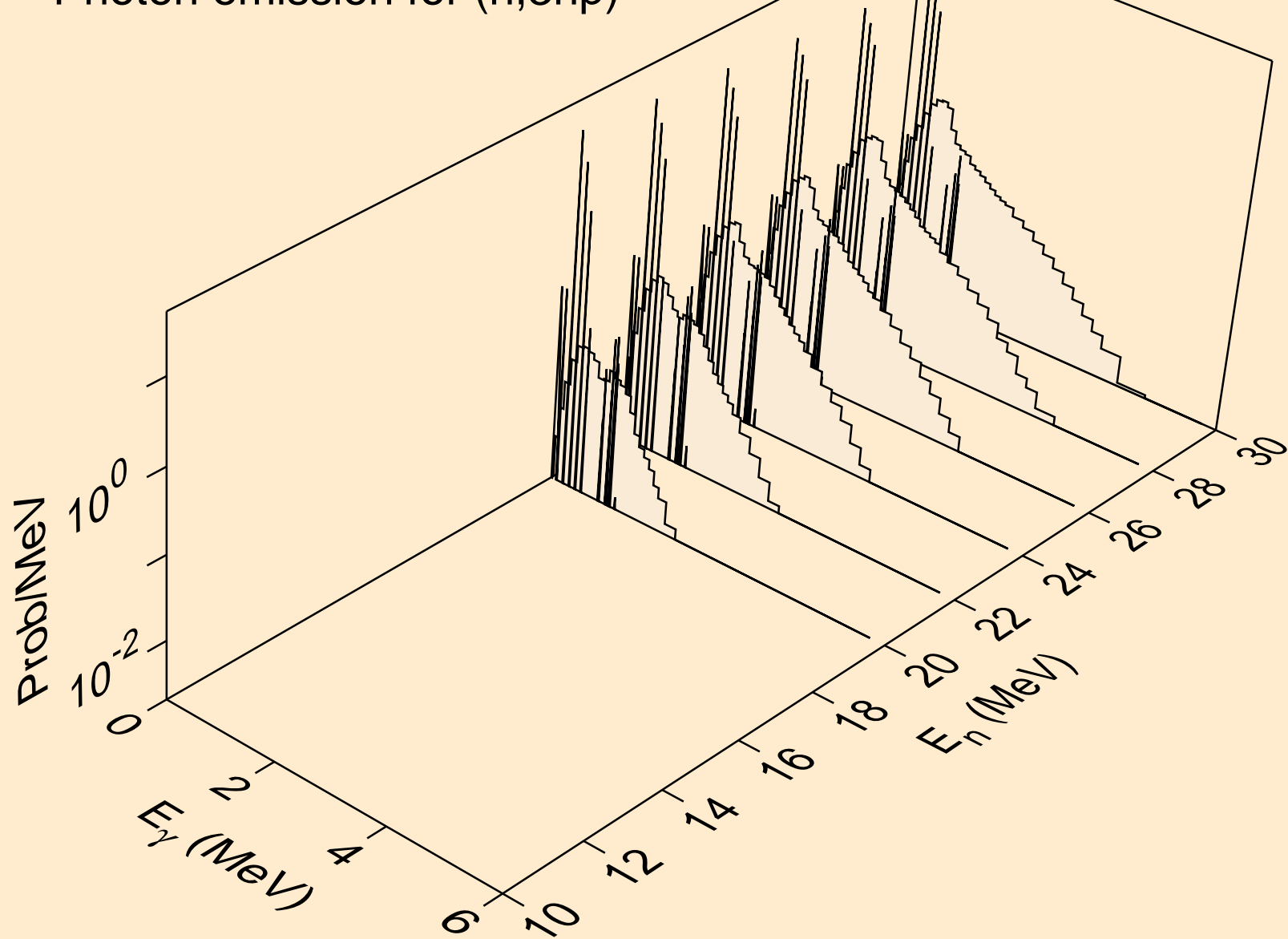
LU181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,4n)



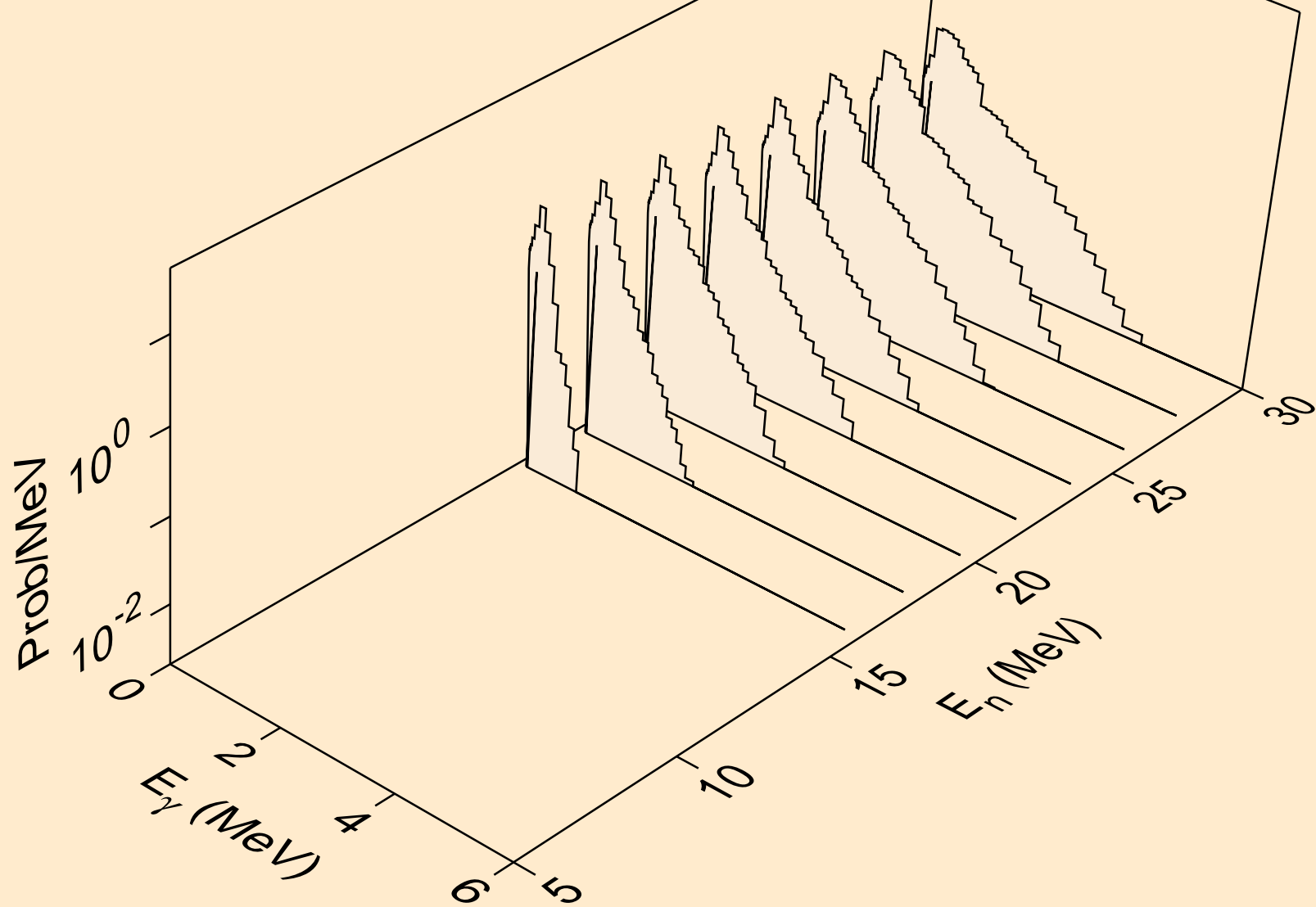
LU181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



LU181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3np)

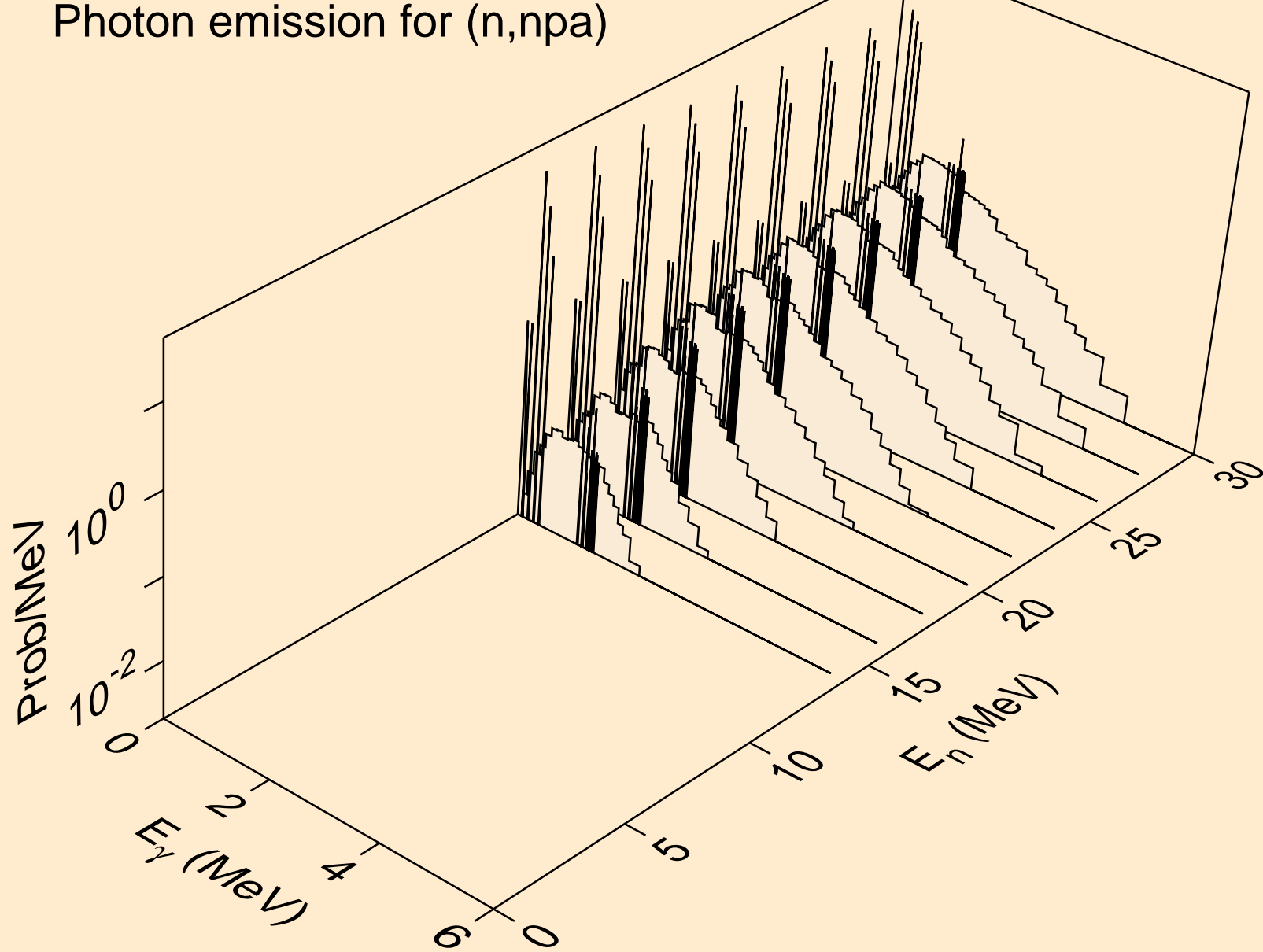


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Photon emission for (n,2np)

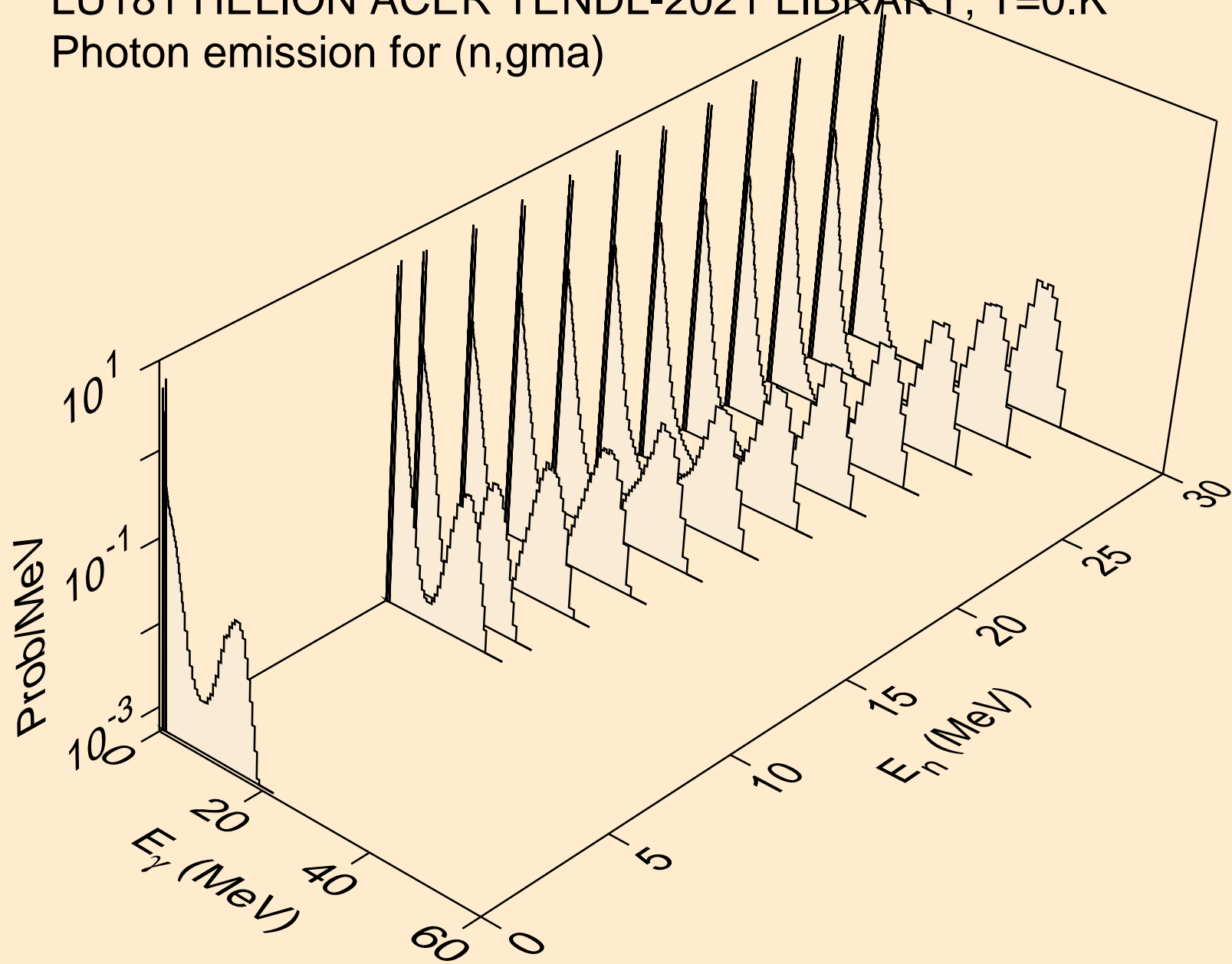




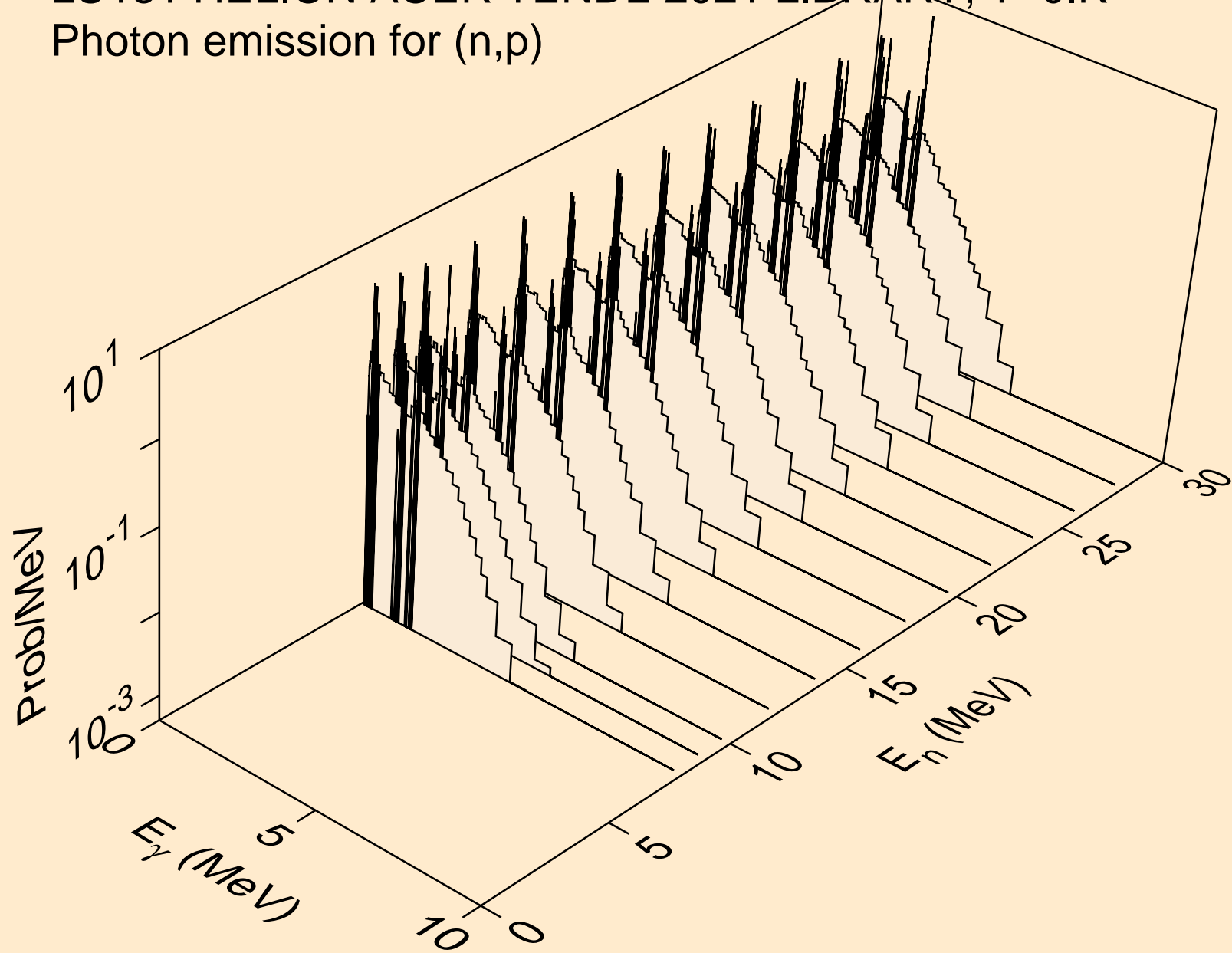
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Photon emission for (n,npa)



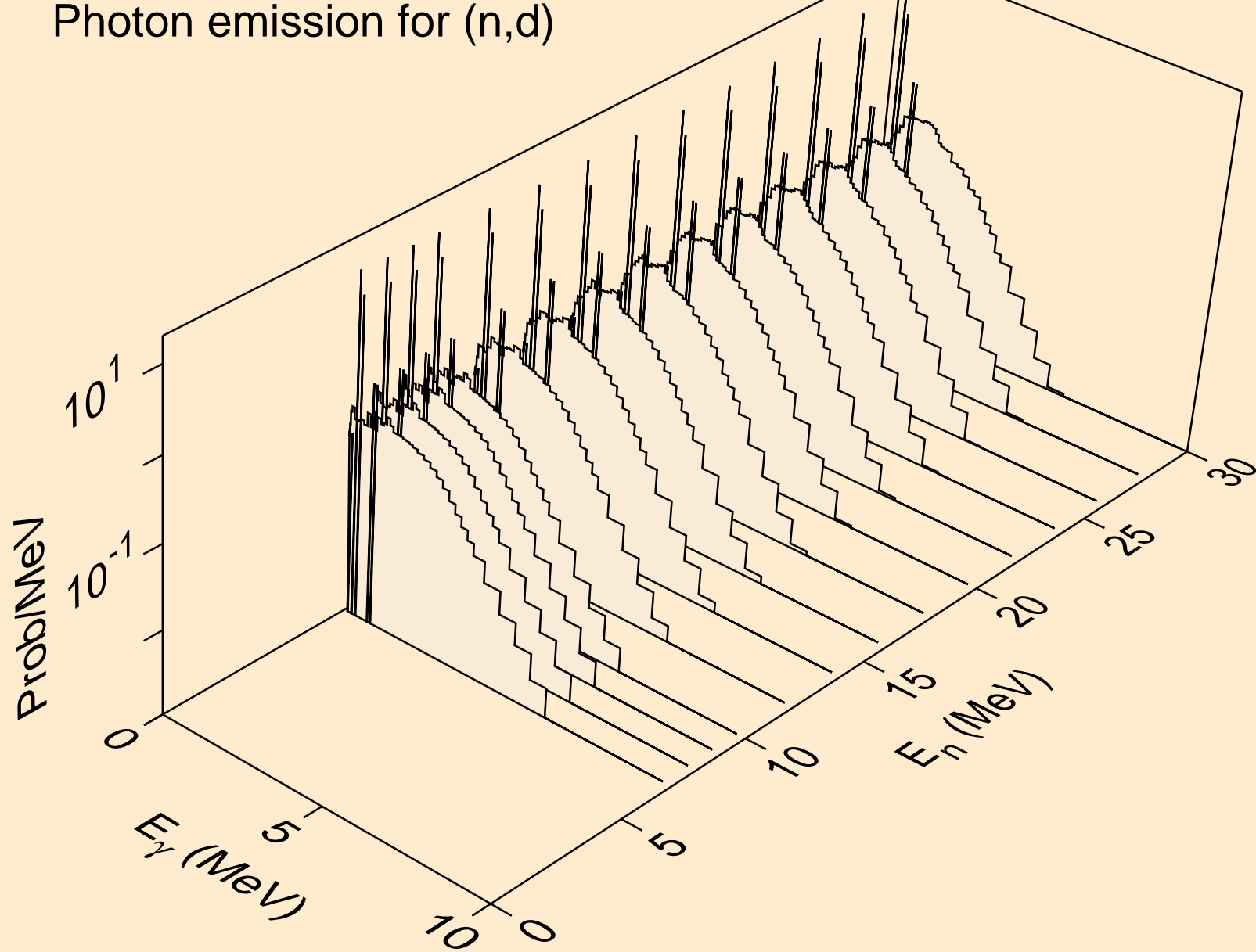
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Photon emission for (n,gma)



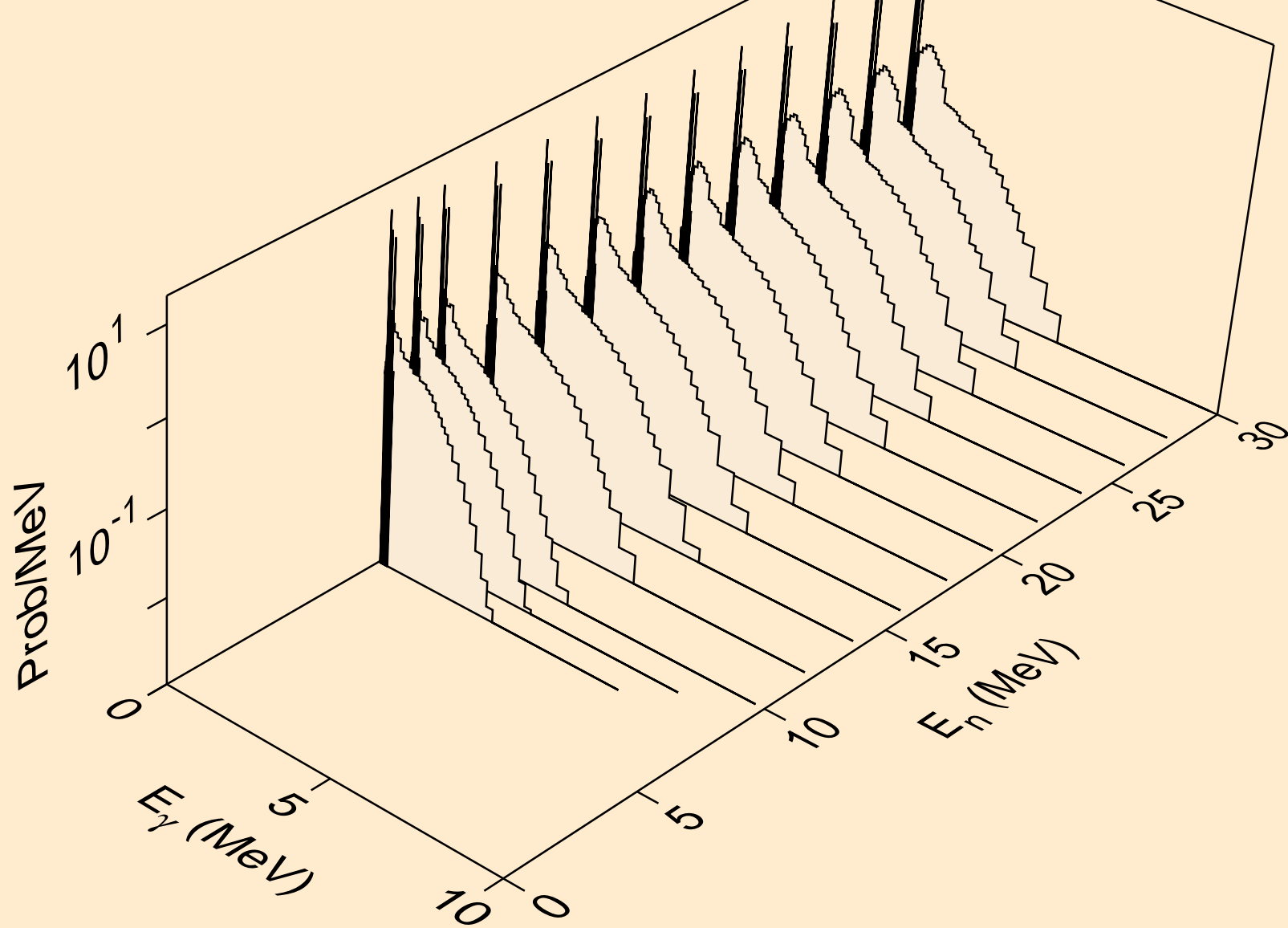
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Photon emission for (n,p)



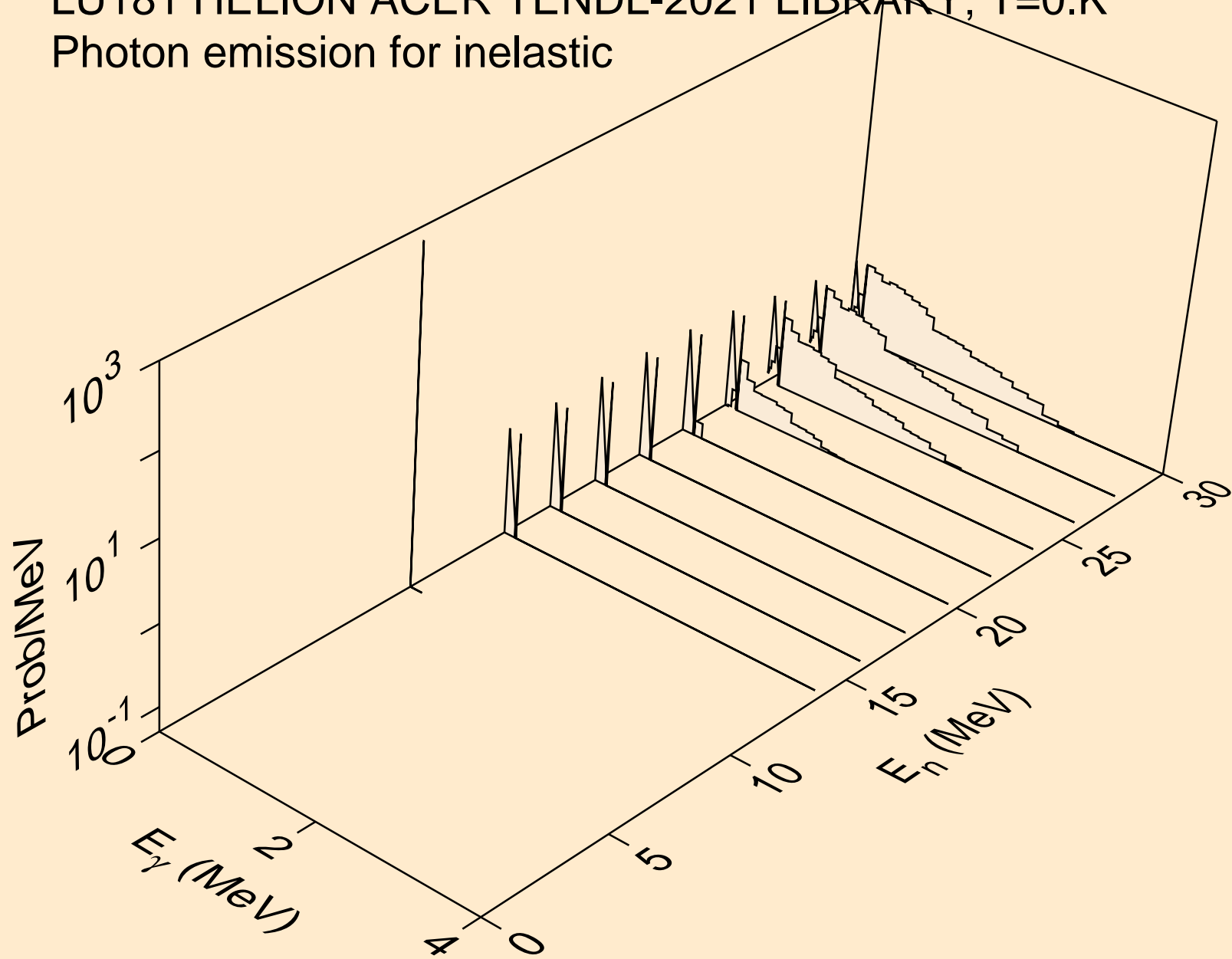
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Photon emission for (n,d)



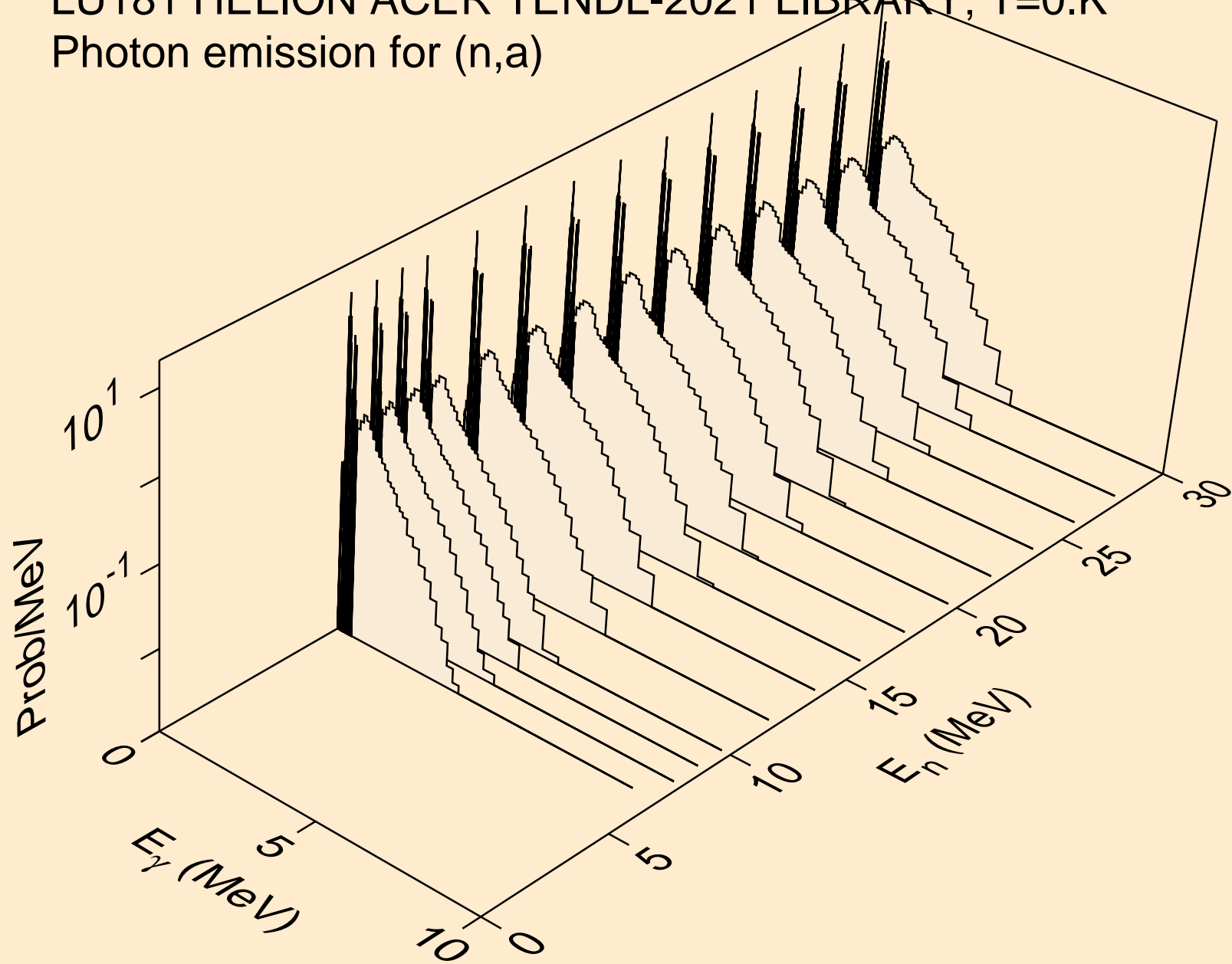
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Photon emission for (n,t)



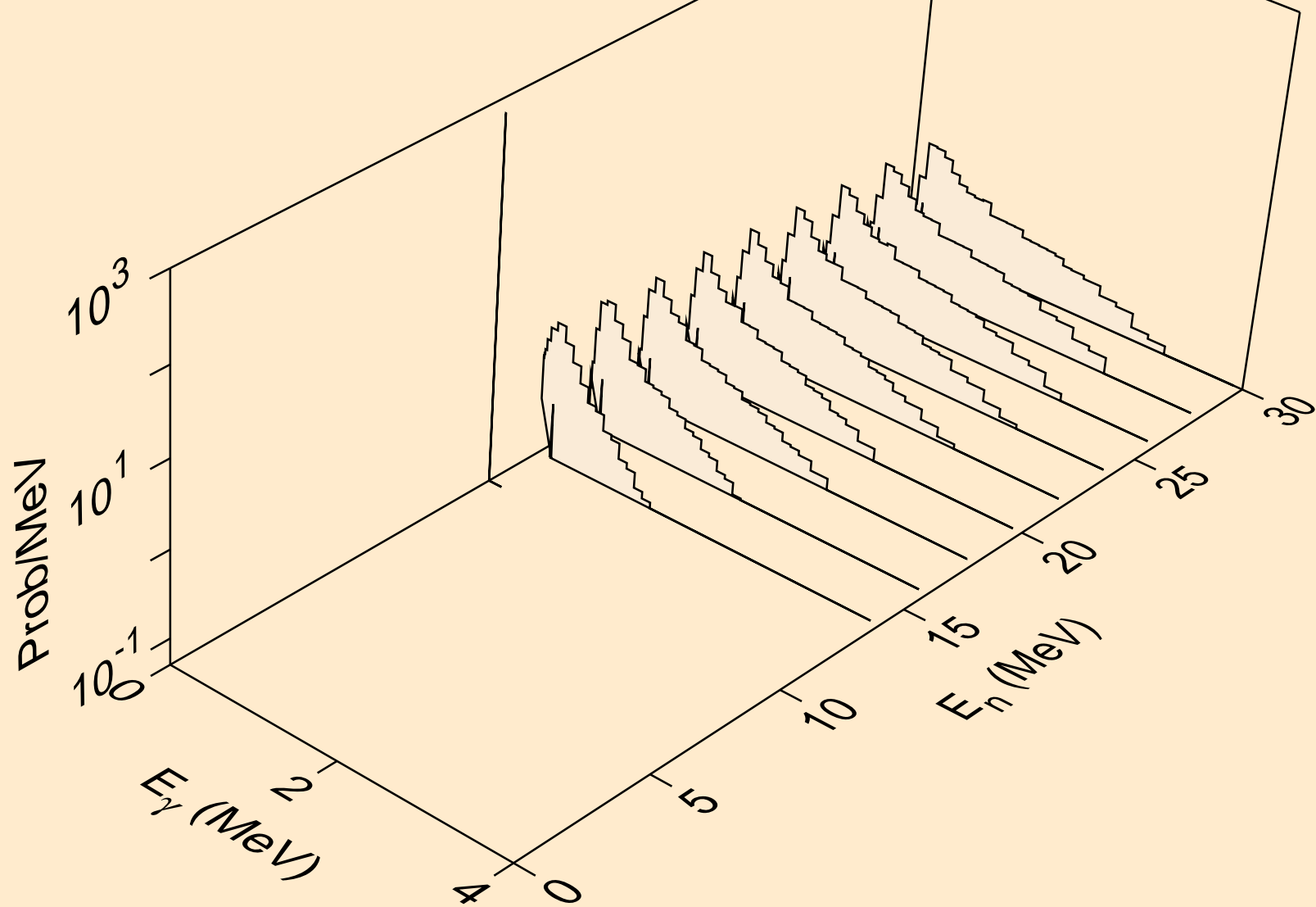
LU181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



LU181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,a)

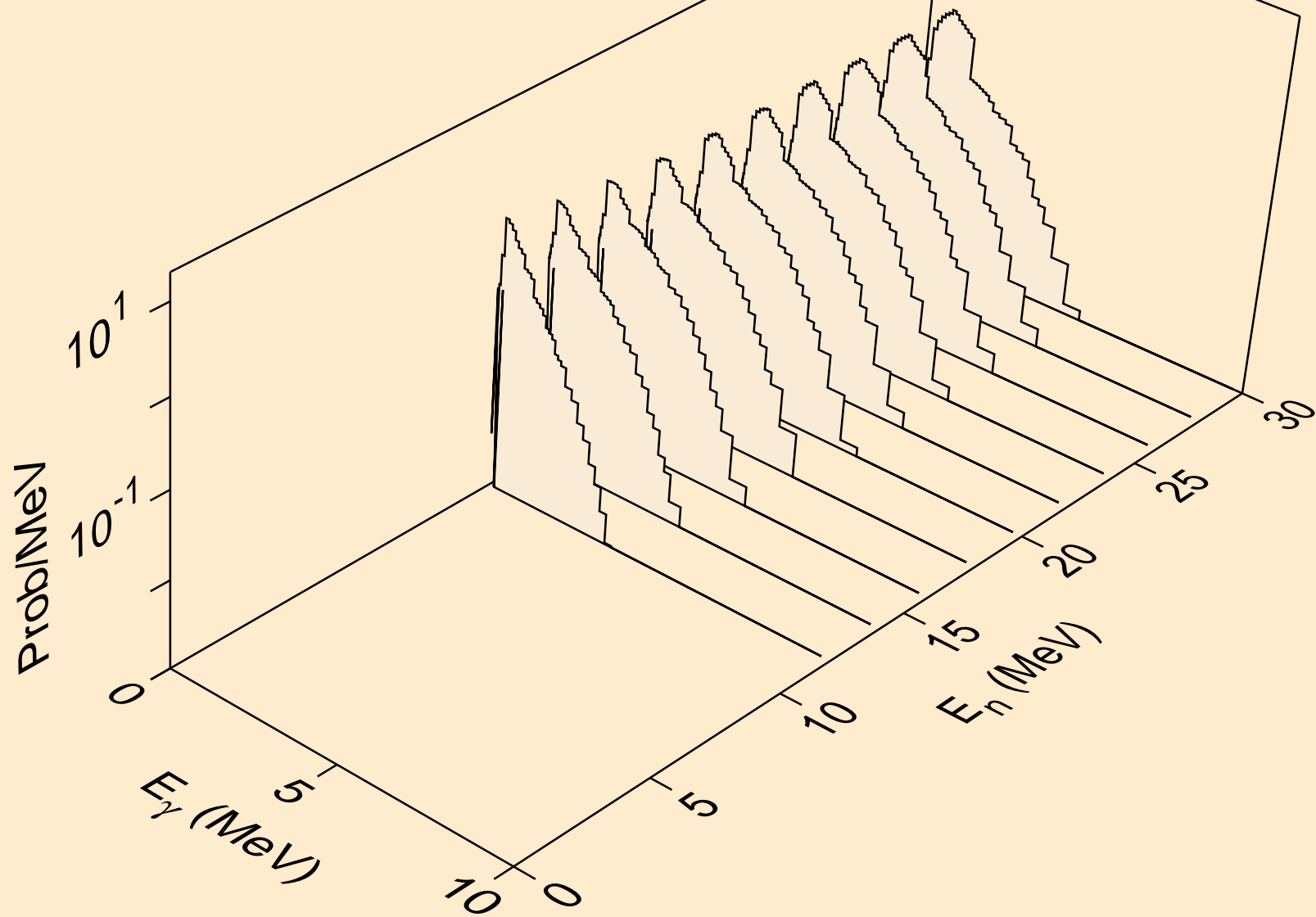


LU181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)

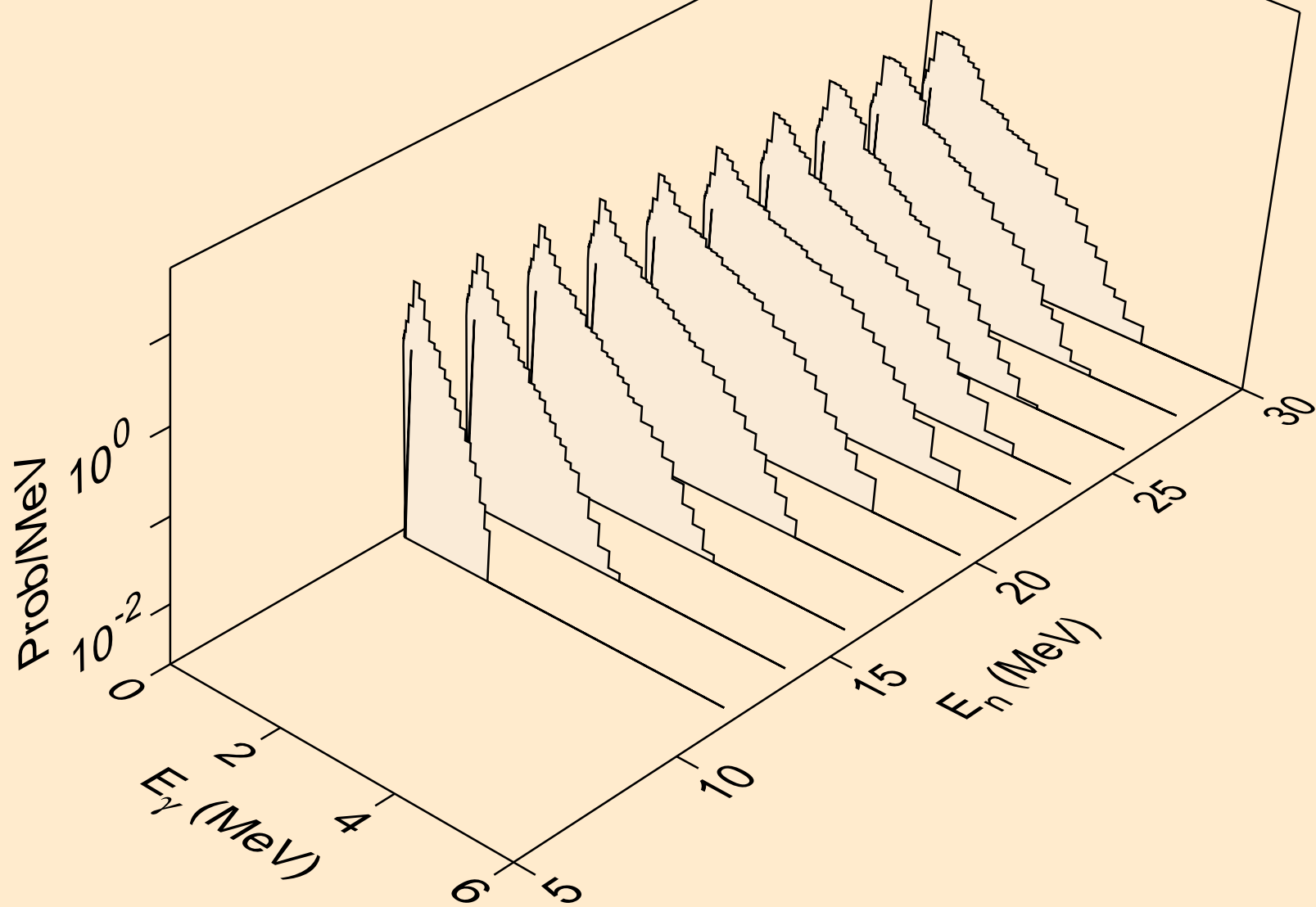




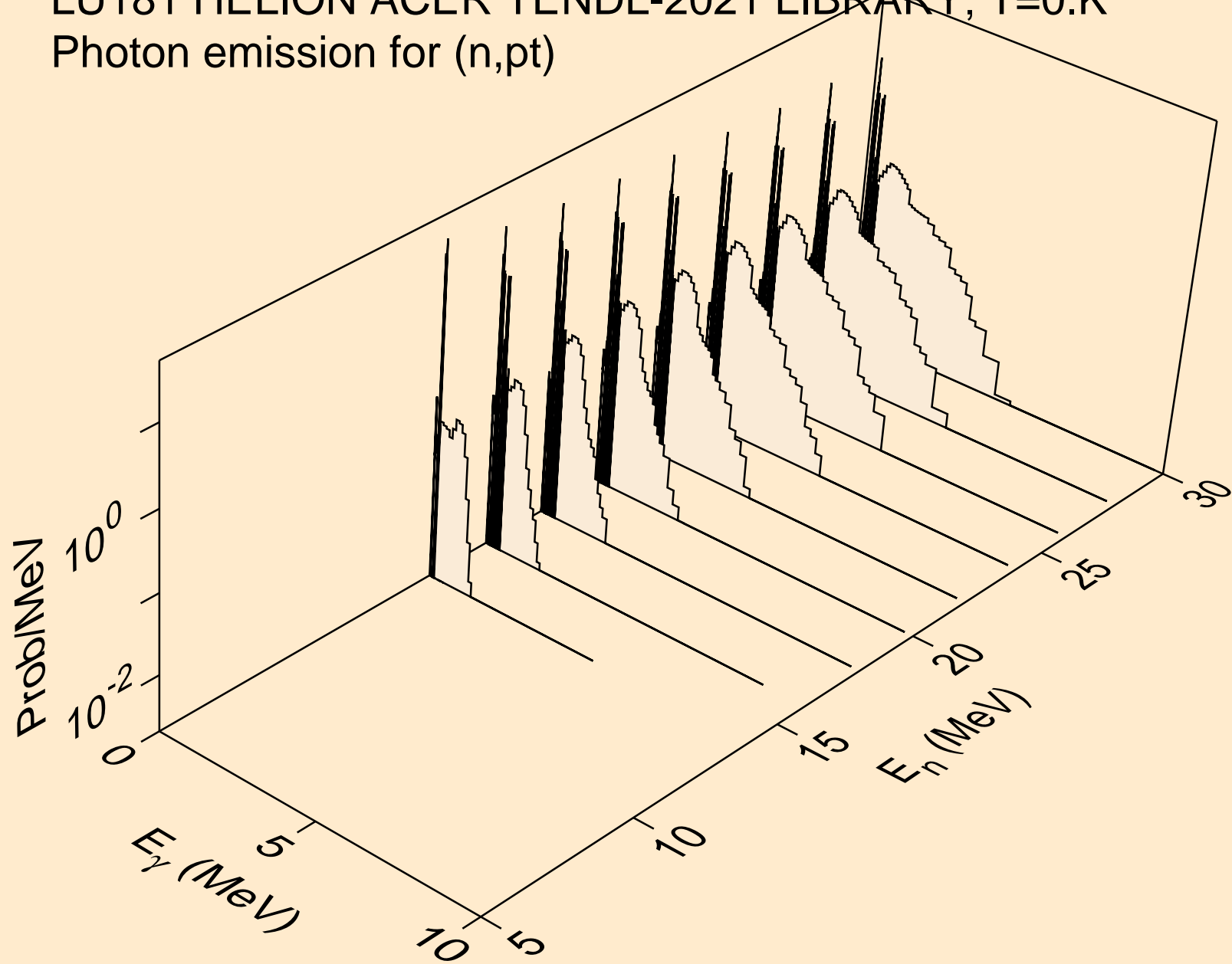
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Photon emission for (n,pa)



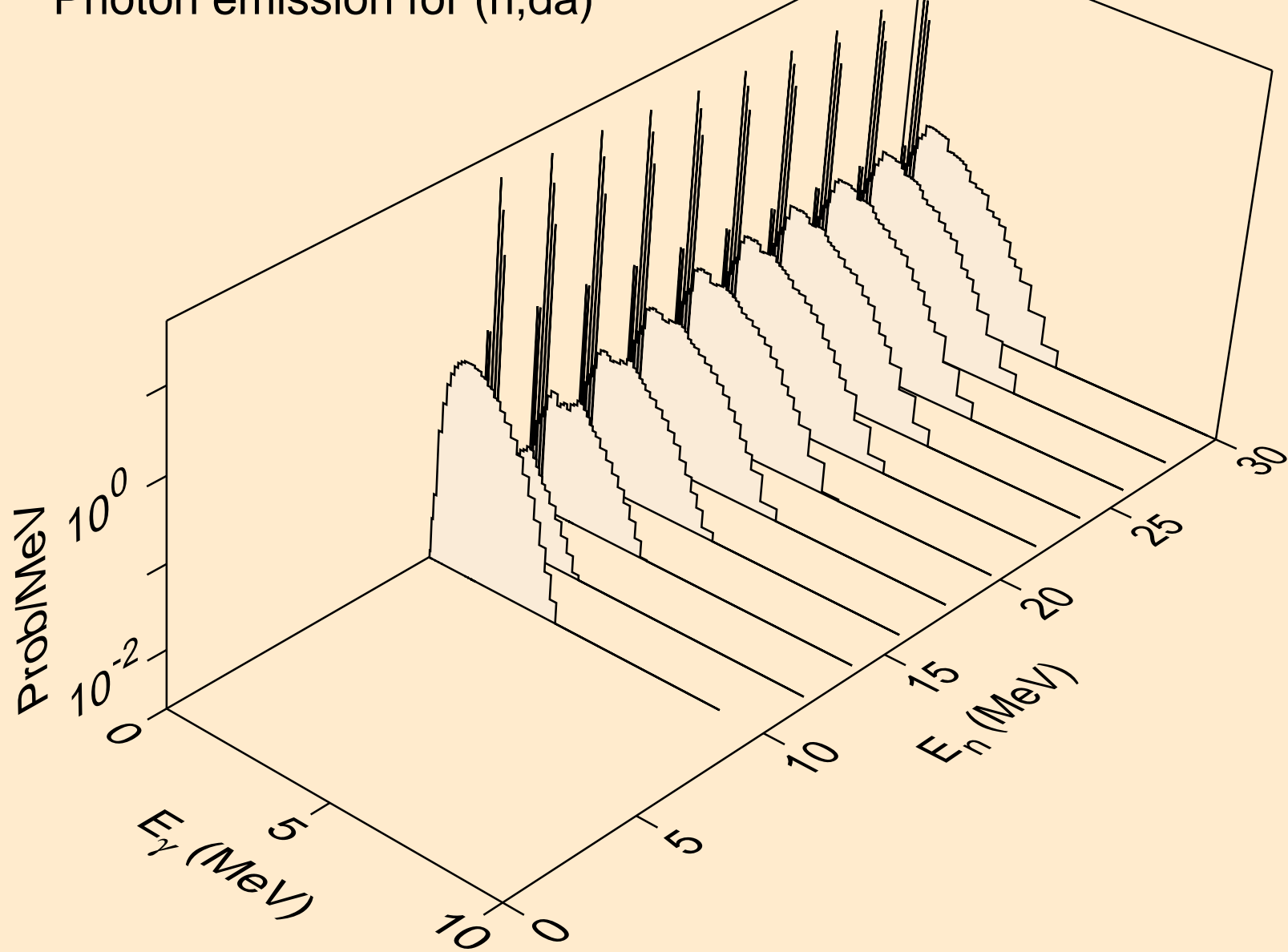
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Photon emission for (n,pd)



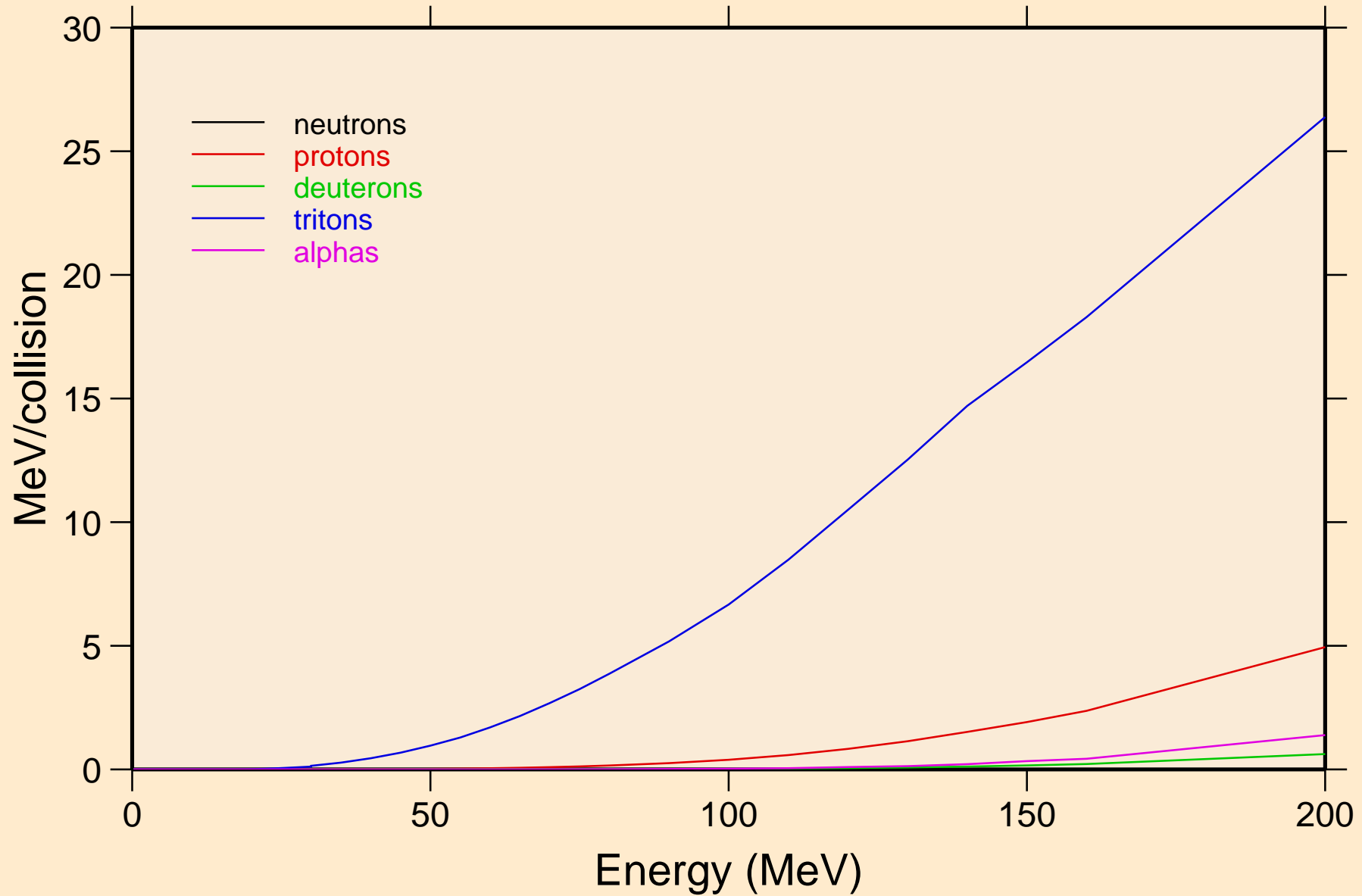
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Photon emission for (n,pt)



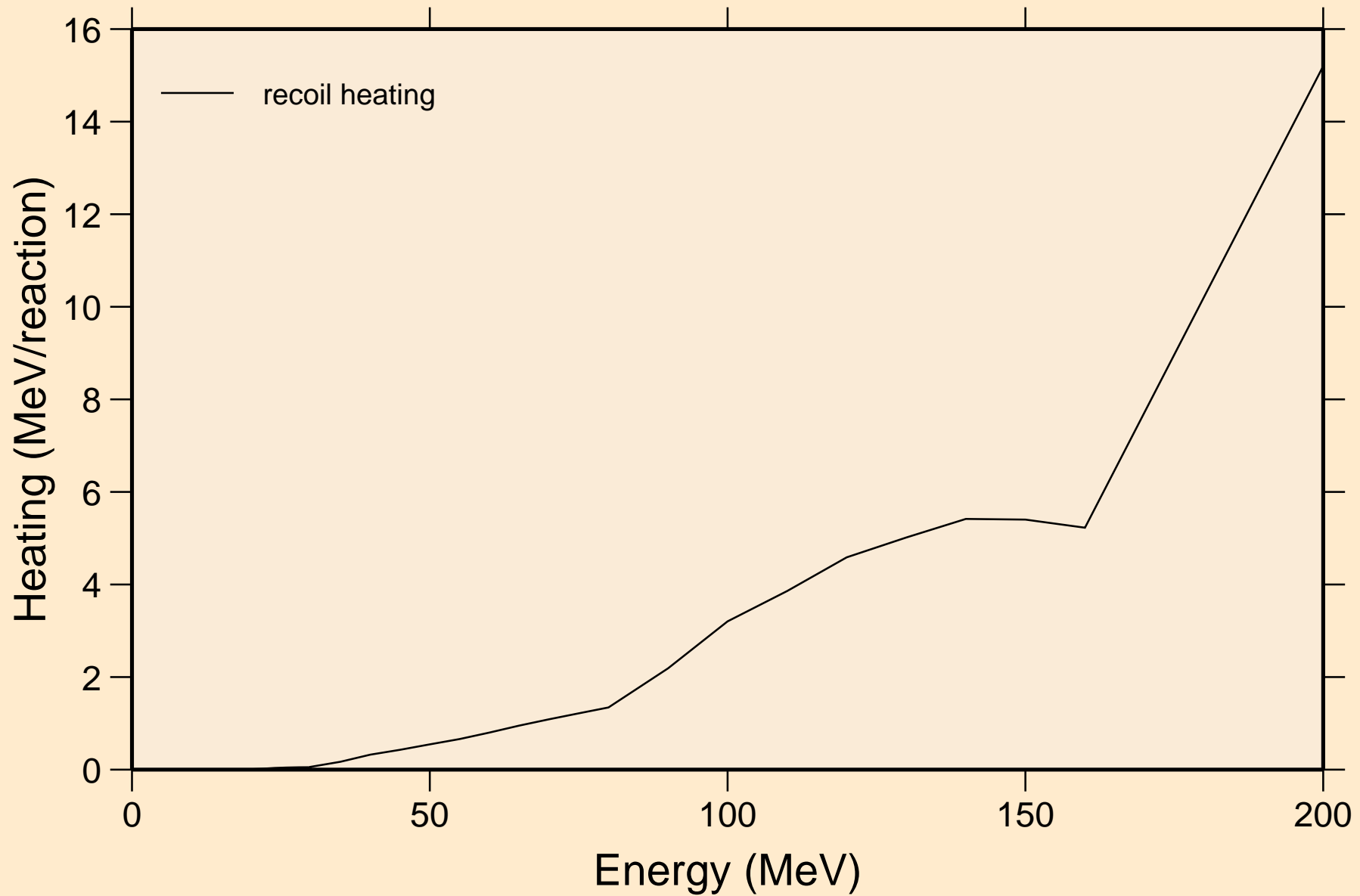
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Photon emission for (n,da)



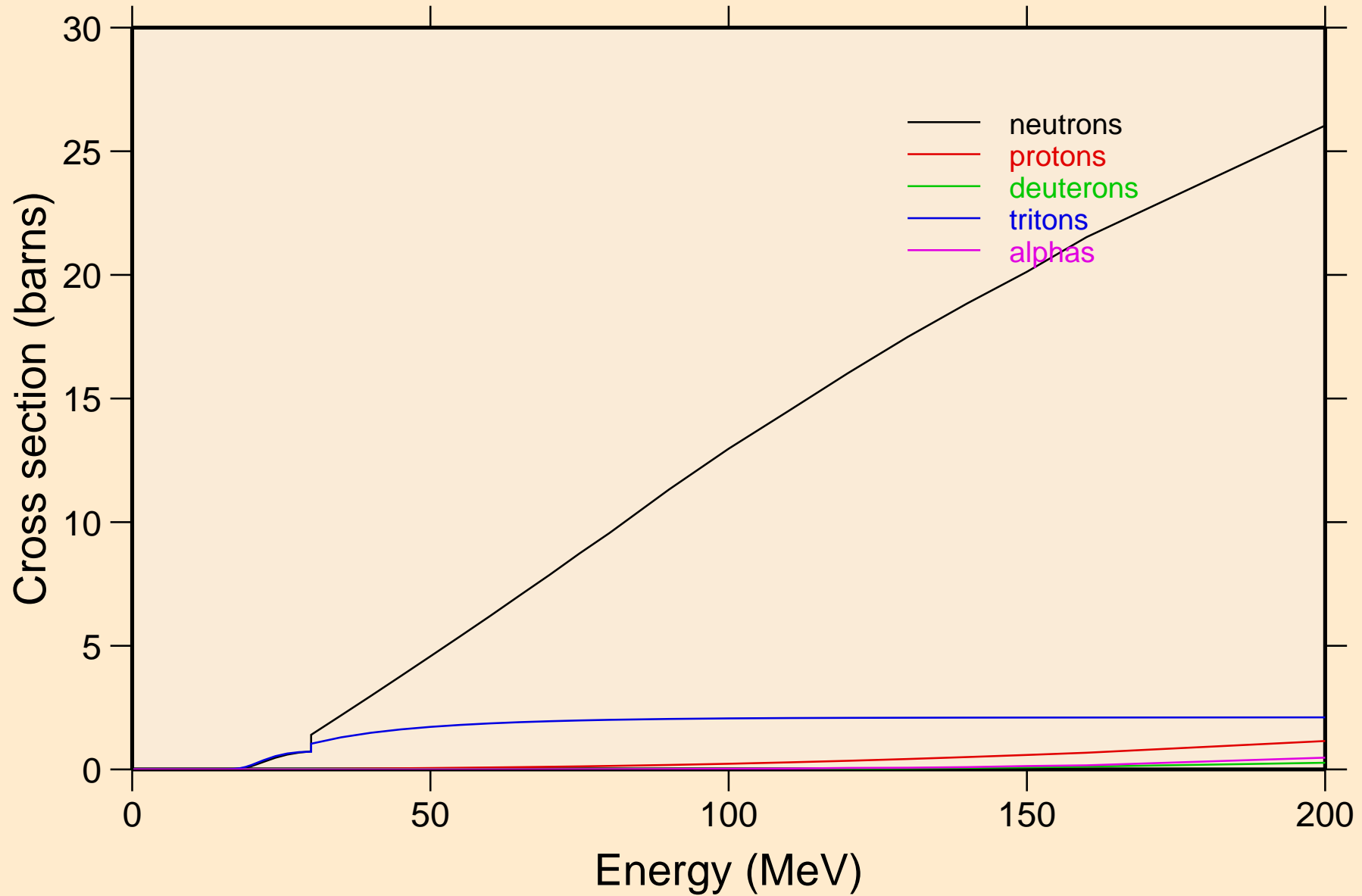
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Particle heating contributions



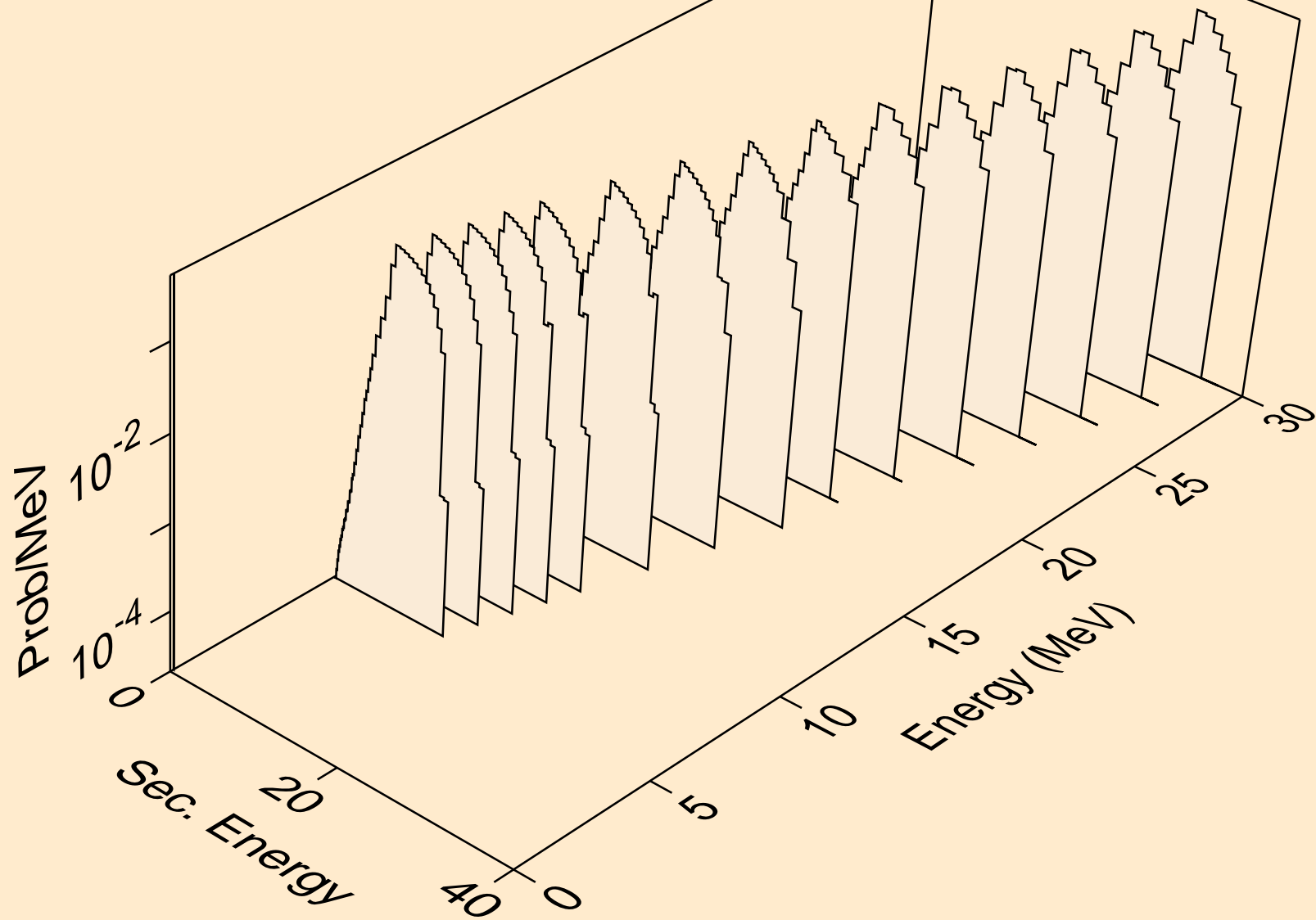
LU181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating



LU181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections

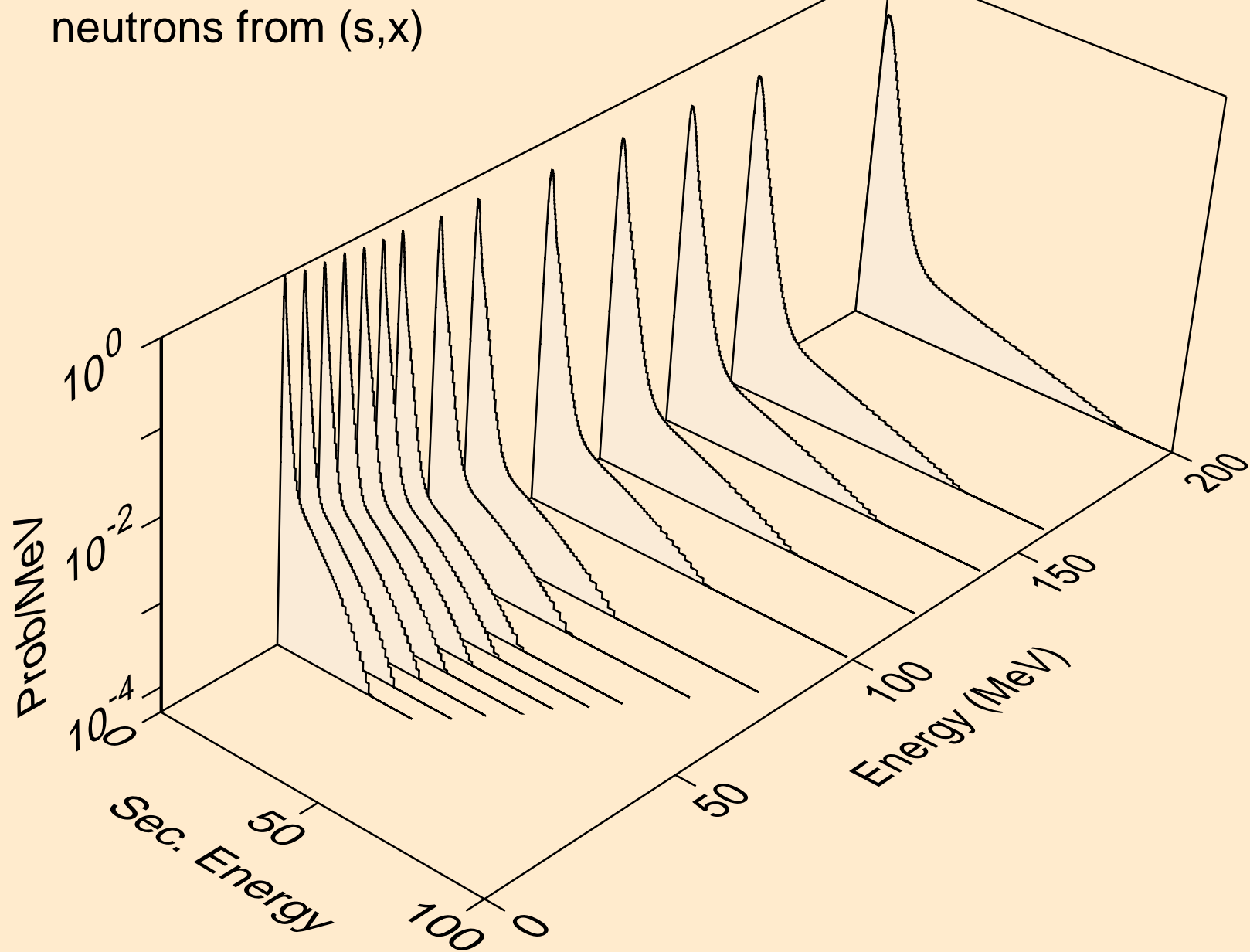


LU181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n)

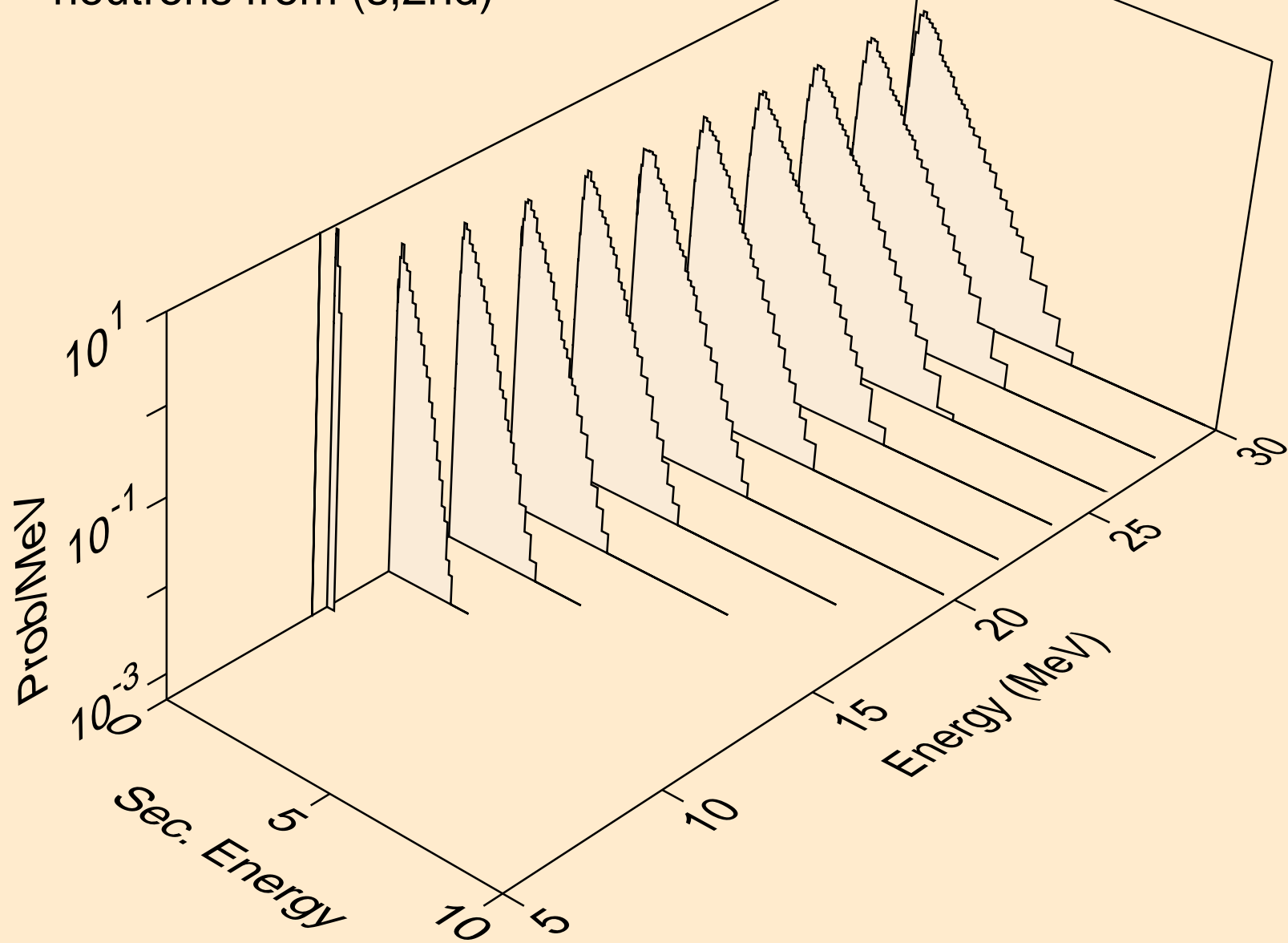




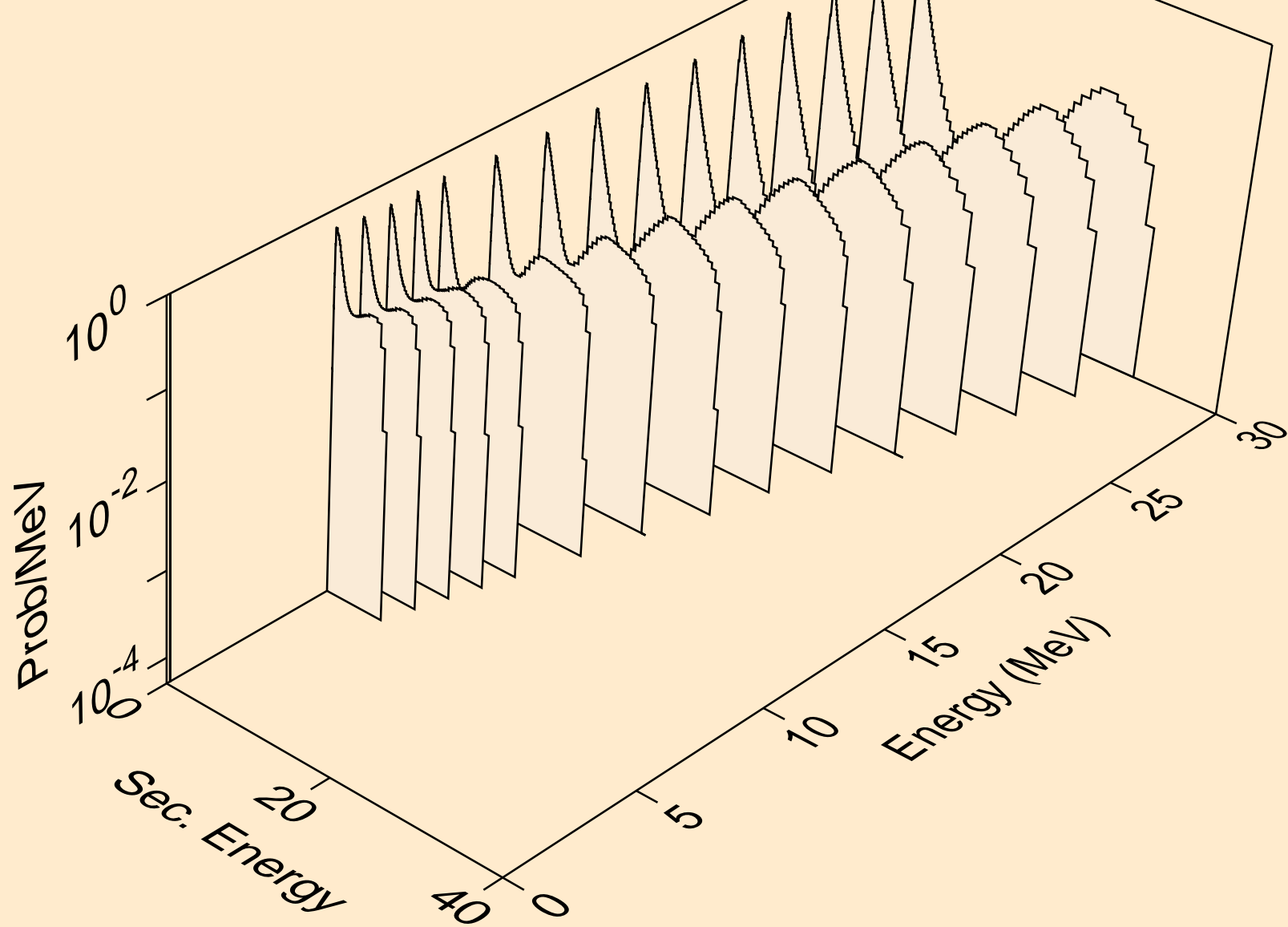
LU181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,x)



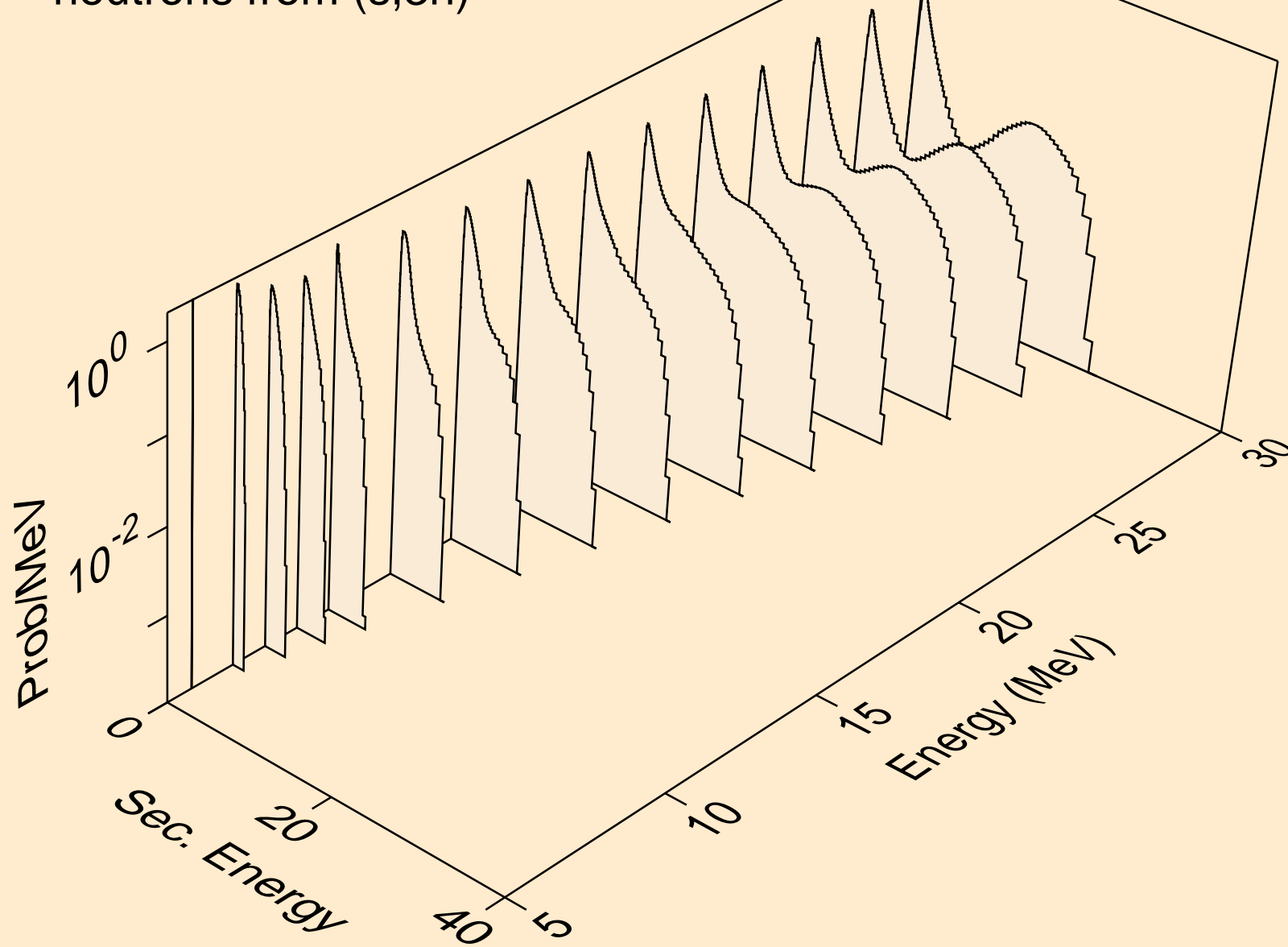
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neutrons from (s,2nd)



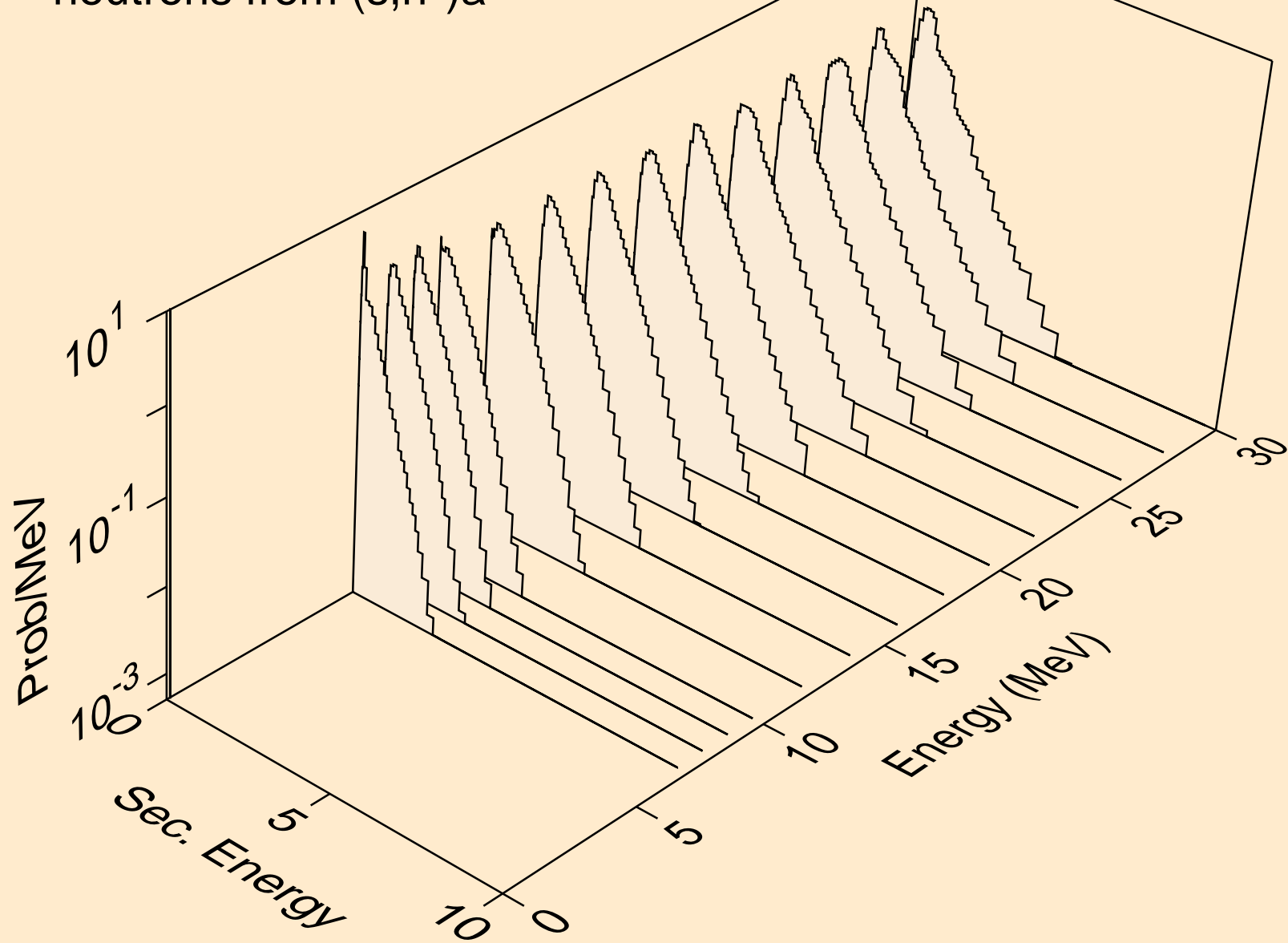
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neutrons from (s,2n)



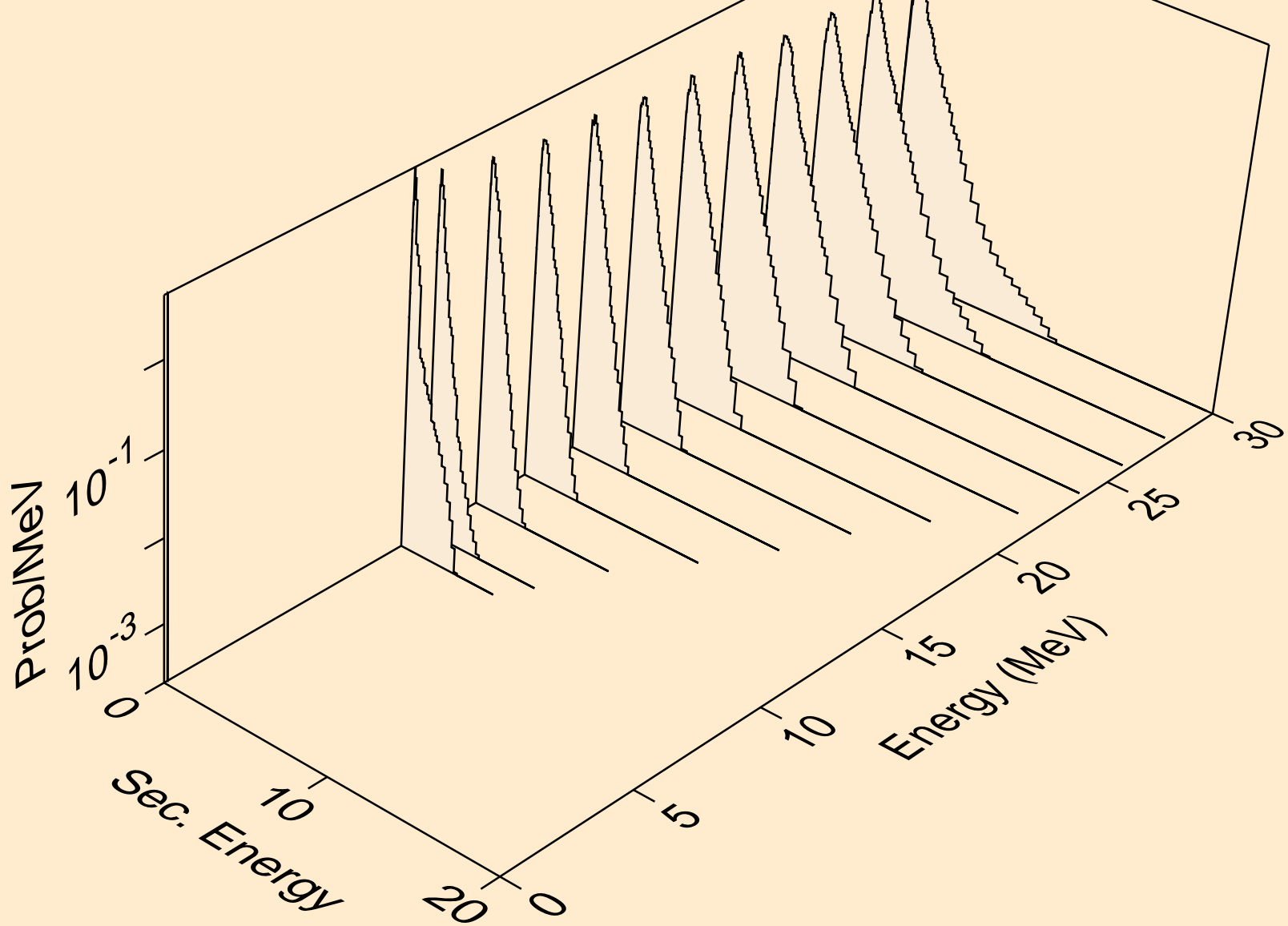
LU181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3n)



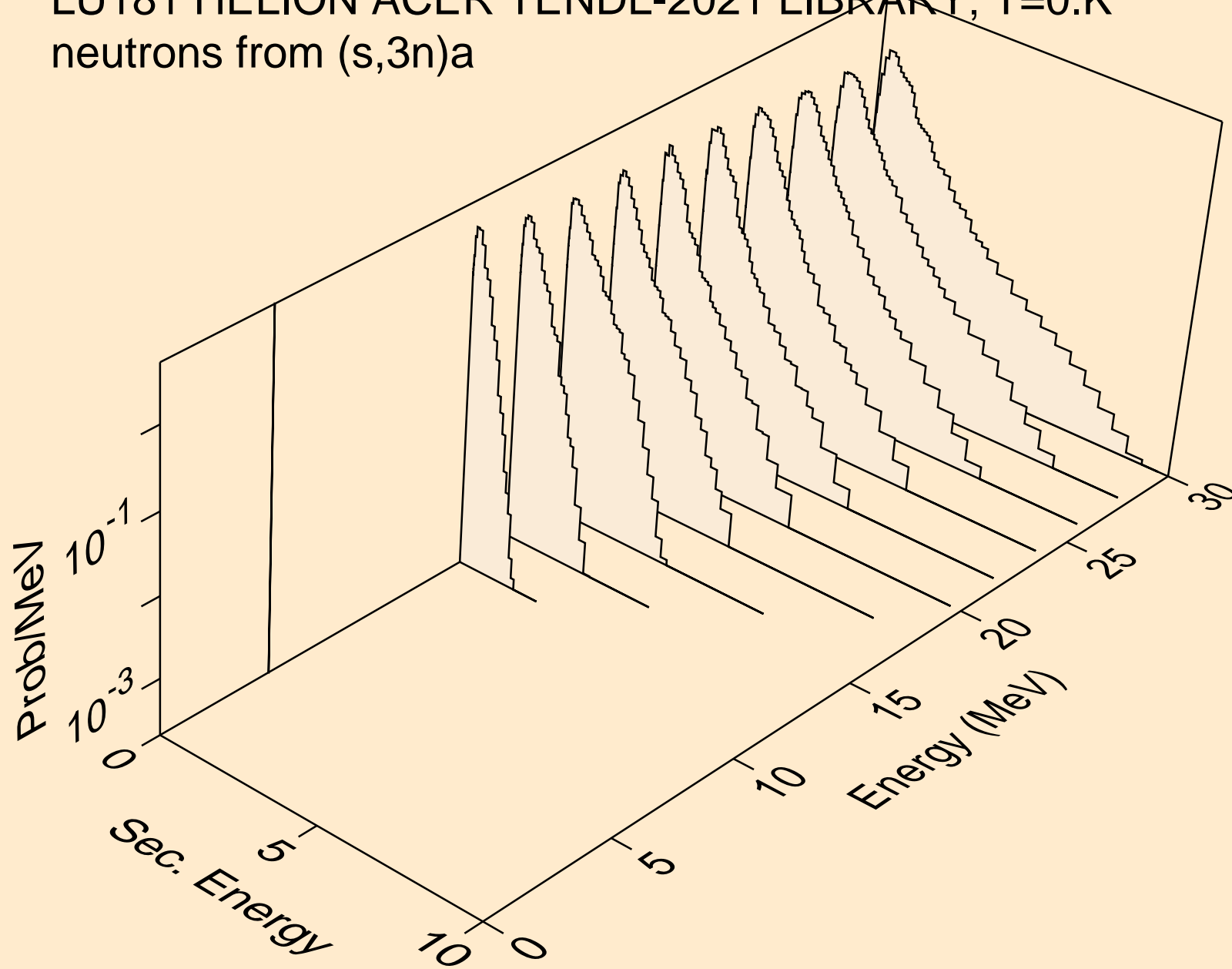
LU181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)a



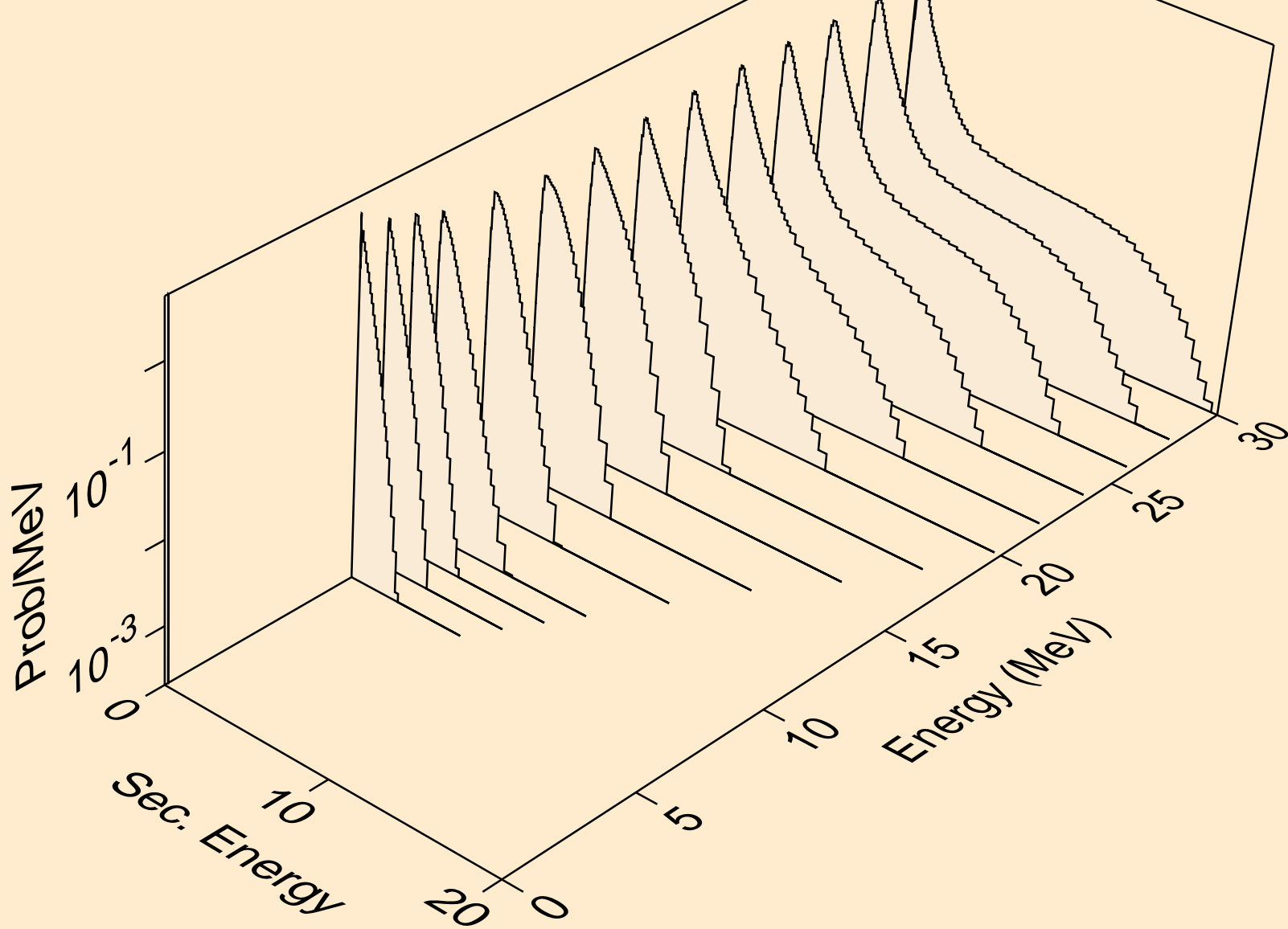
LU181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)a



LU181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3n)a

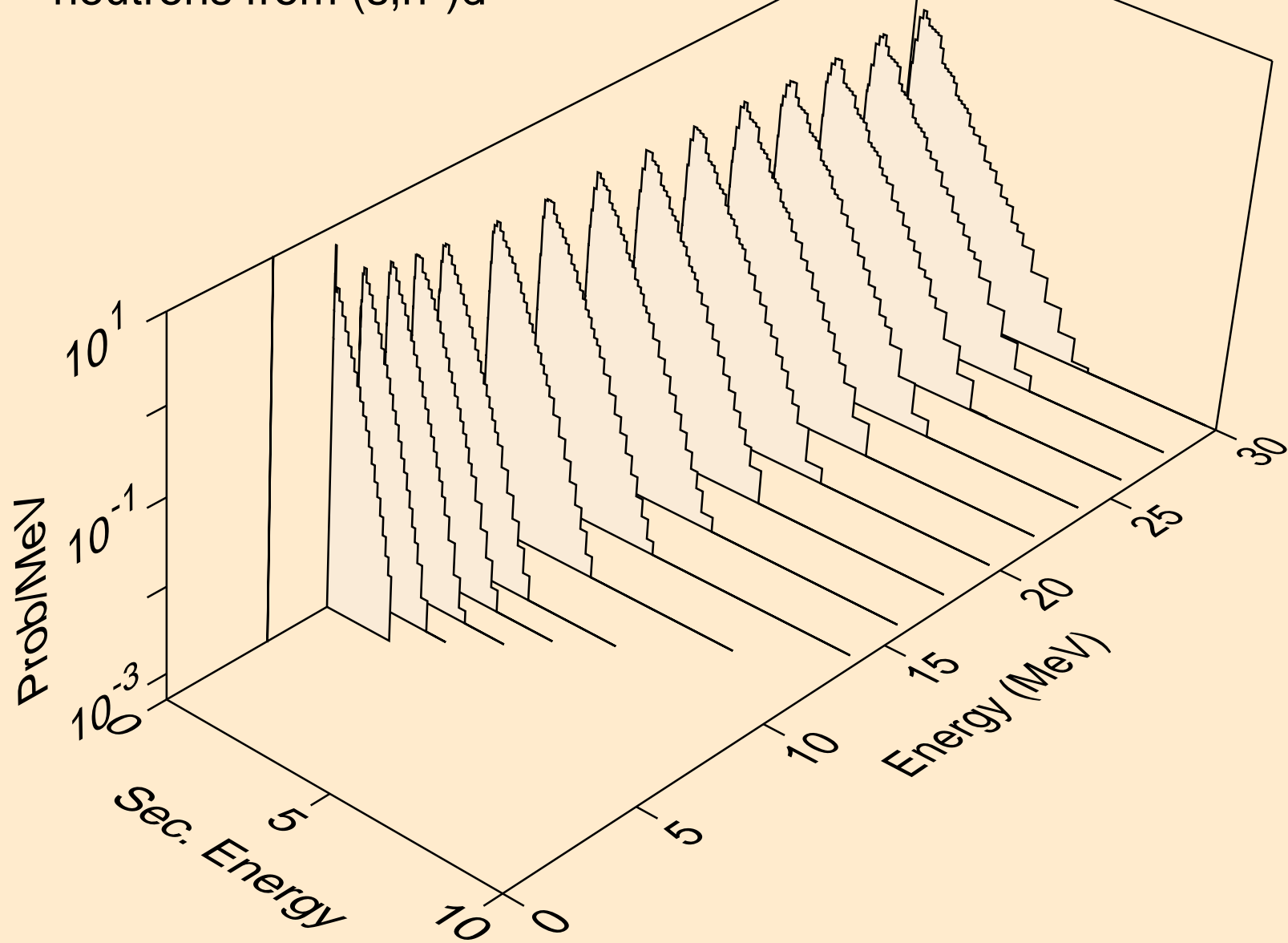


LU181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)p

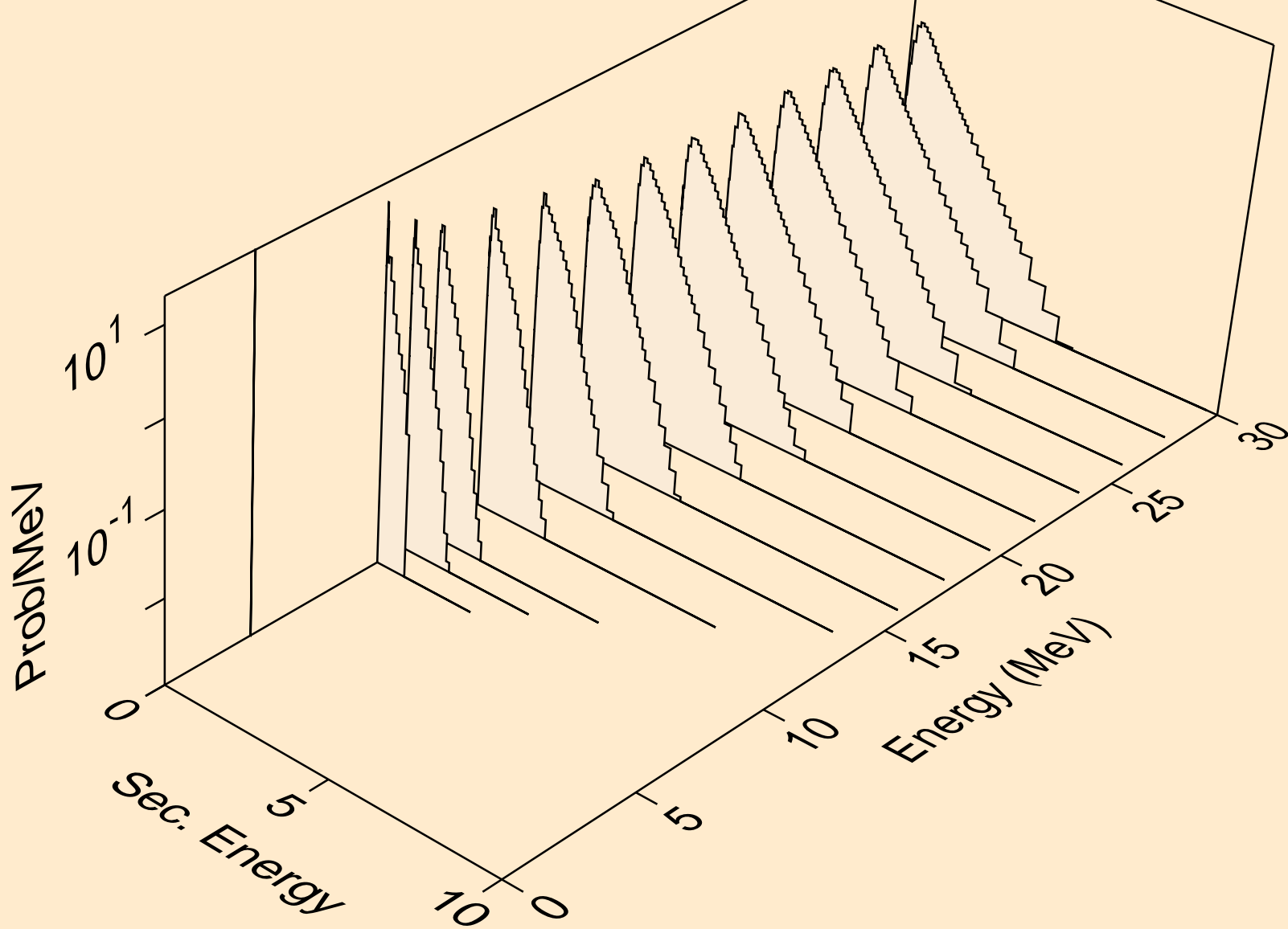




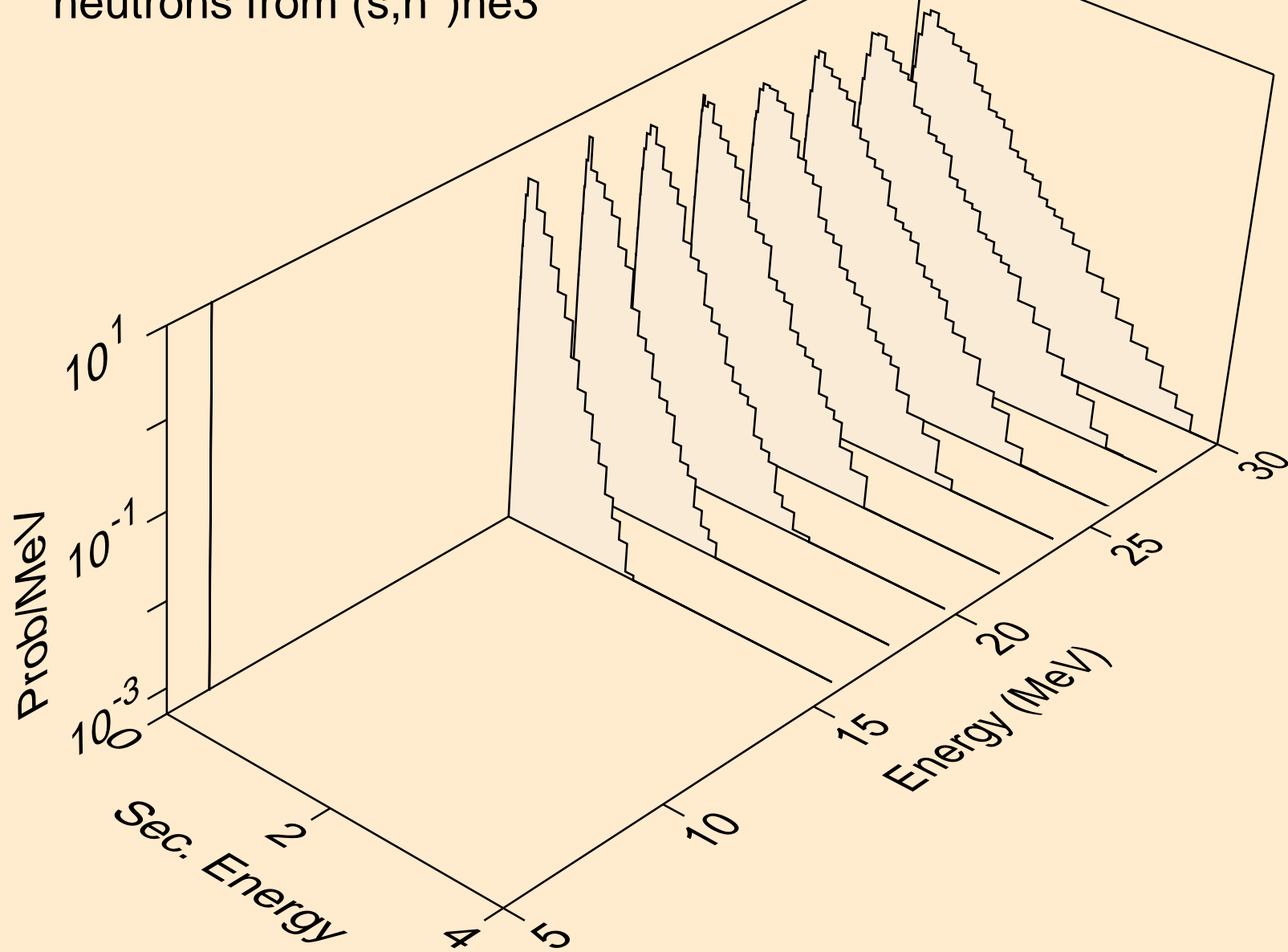
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neutrons from (s,n\*)d



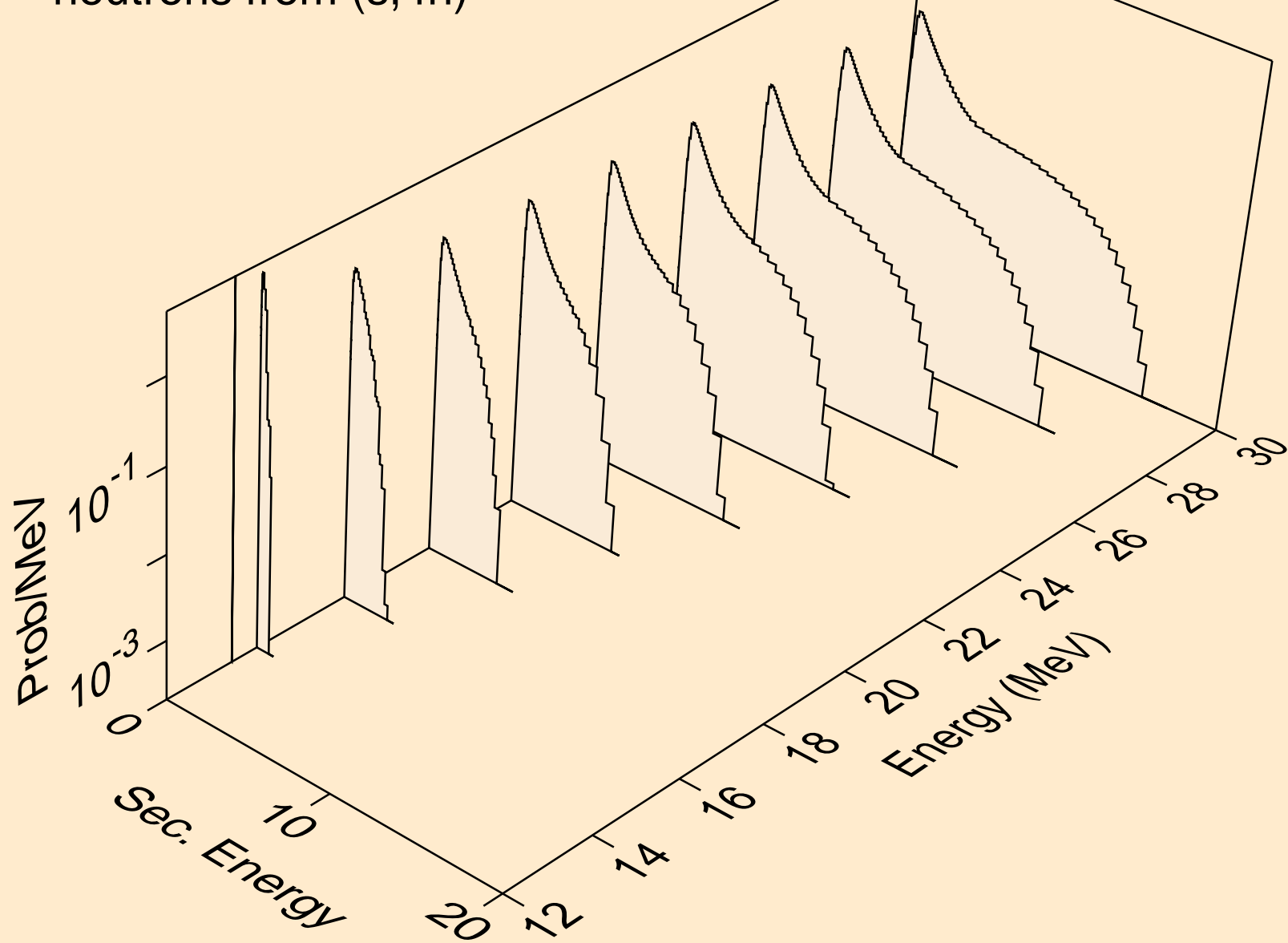
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neutrons from (s,n\*)t



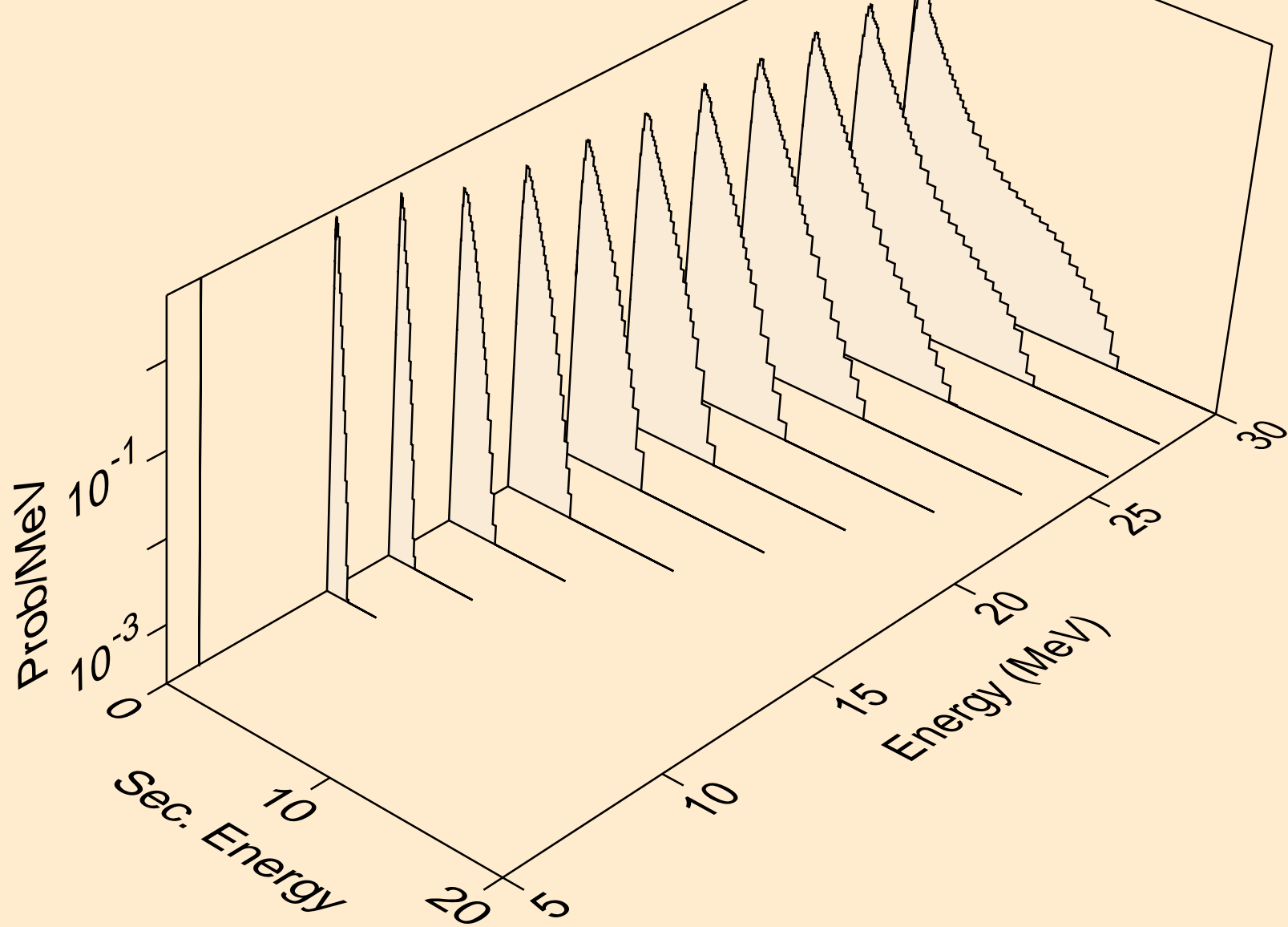
LU181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



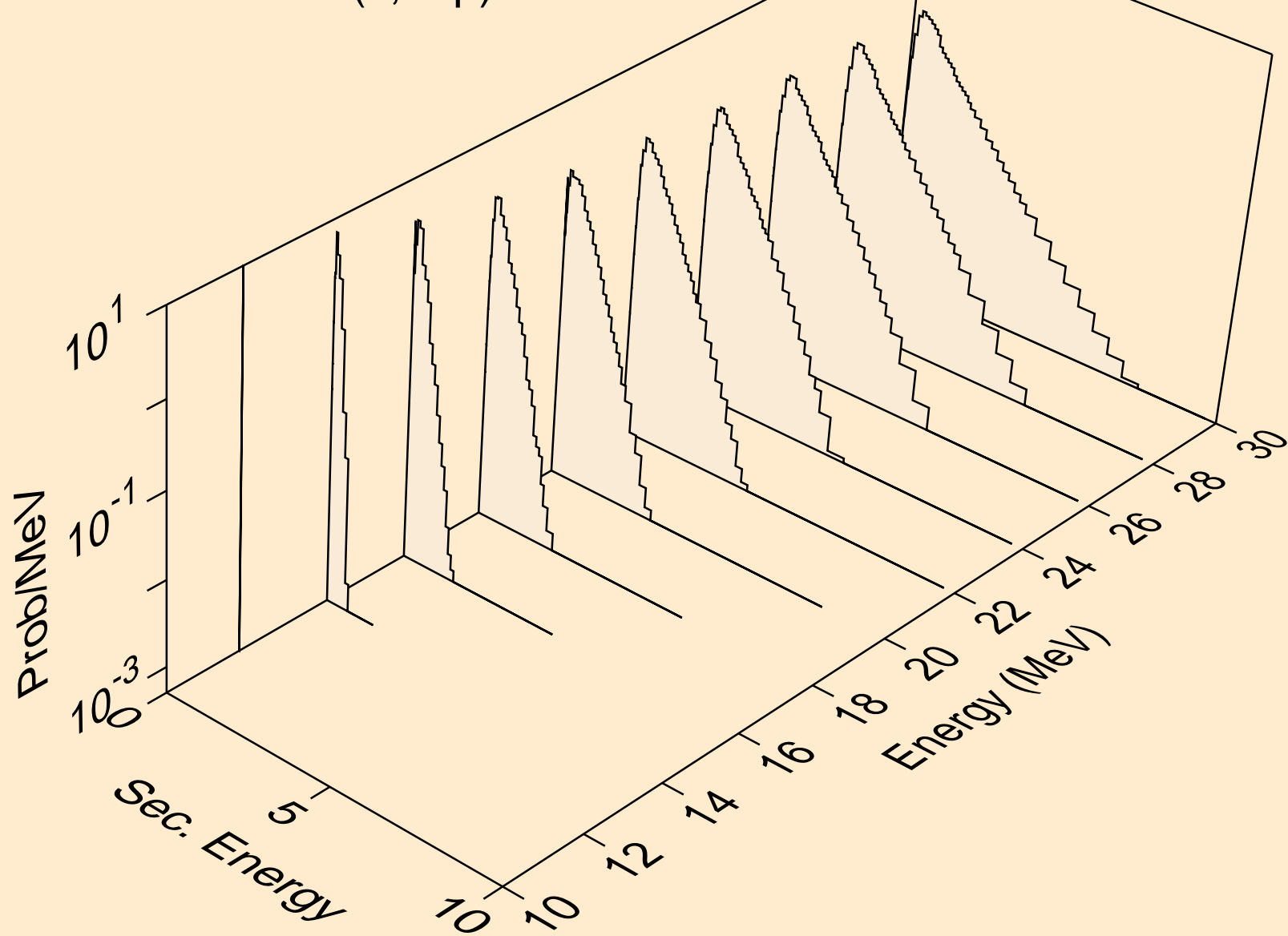
LU181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,4n)



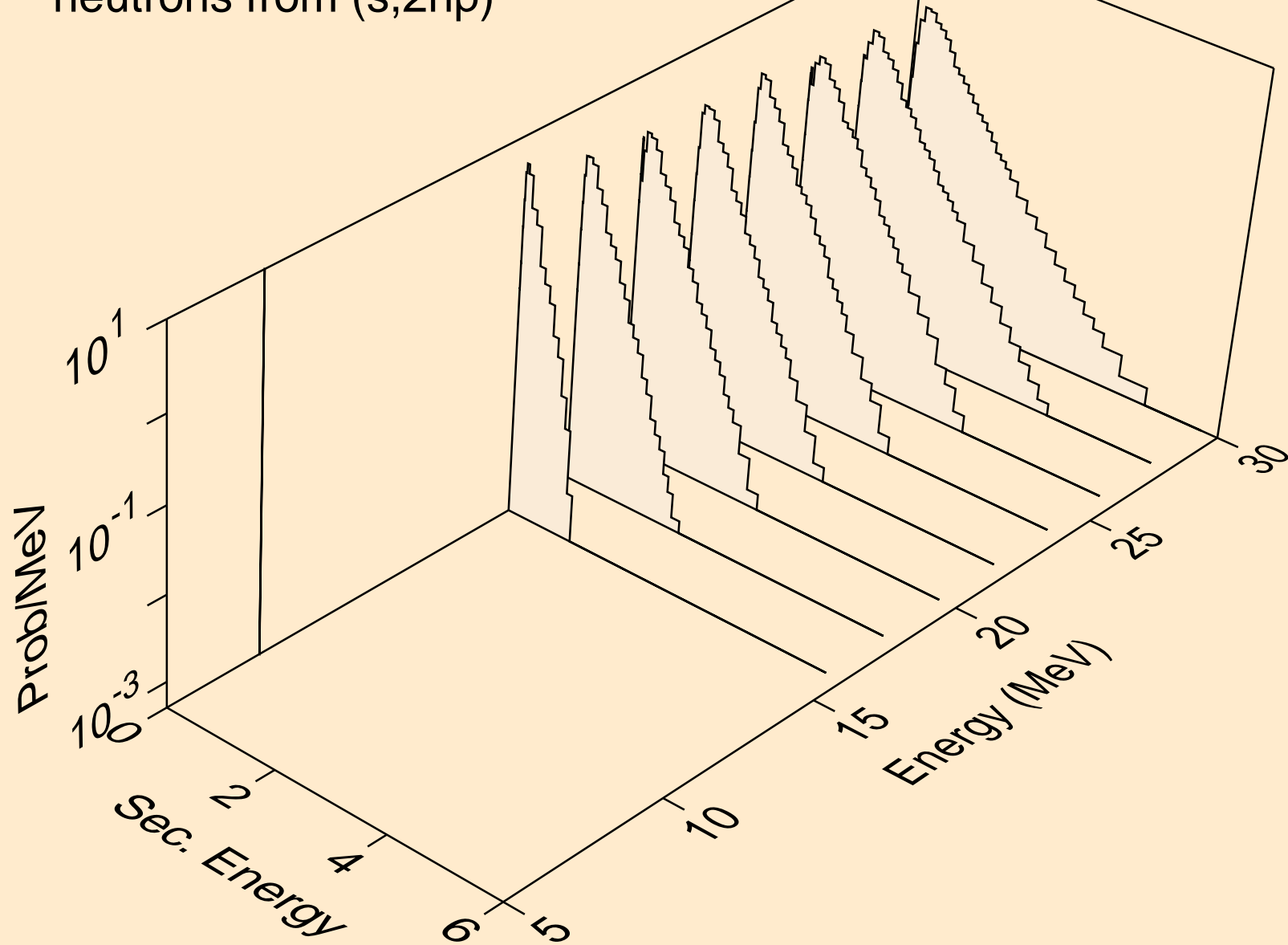
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neutrons from (s,2np)



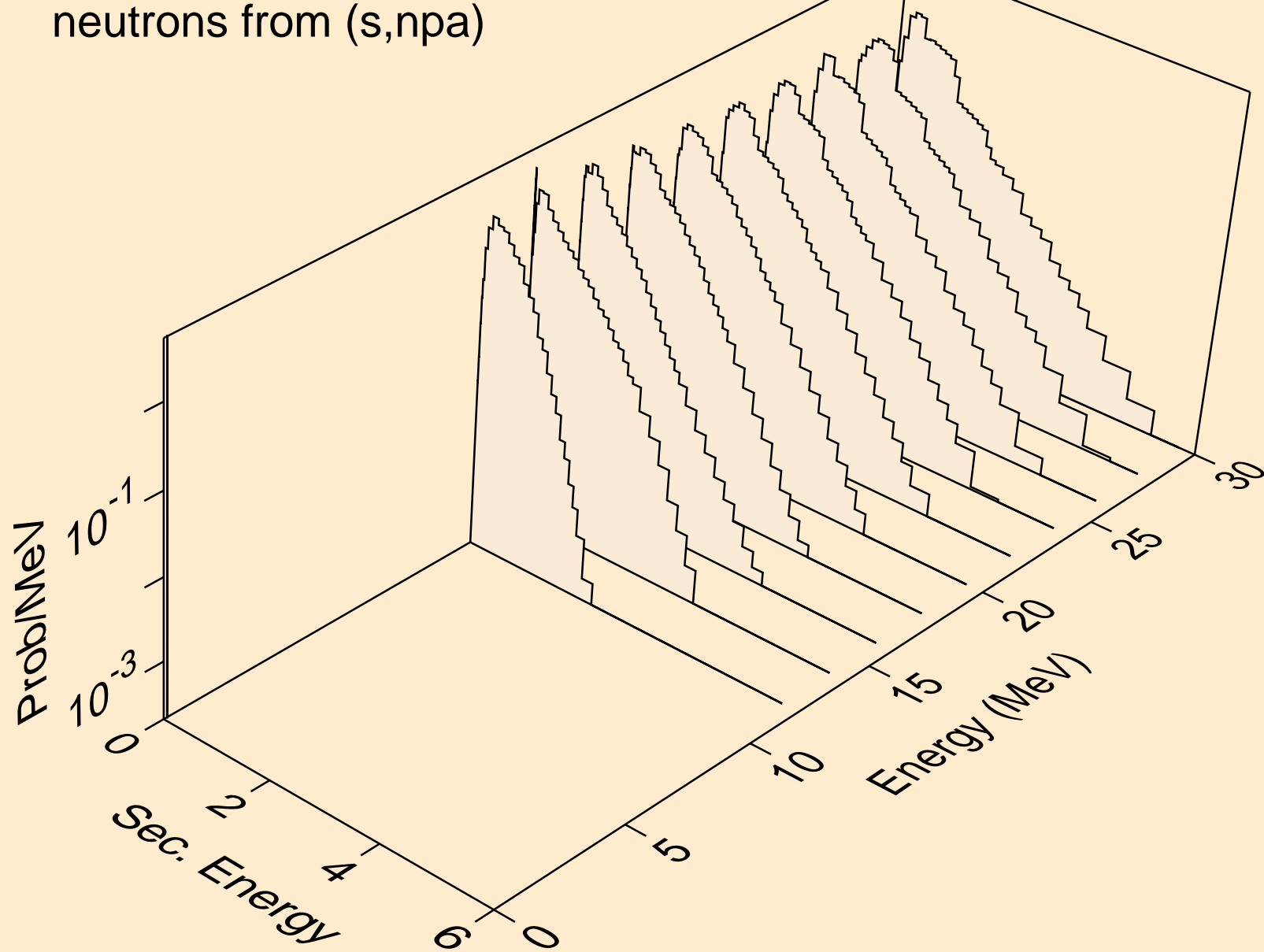
LU181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3np)



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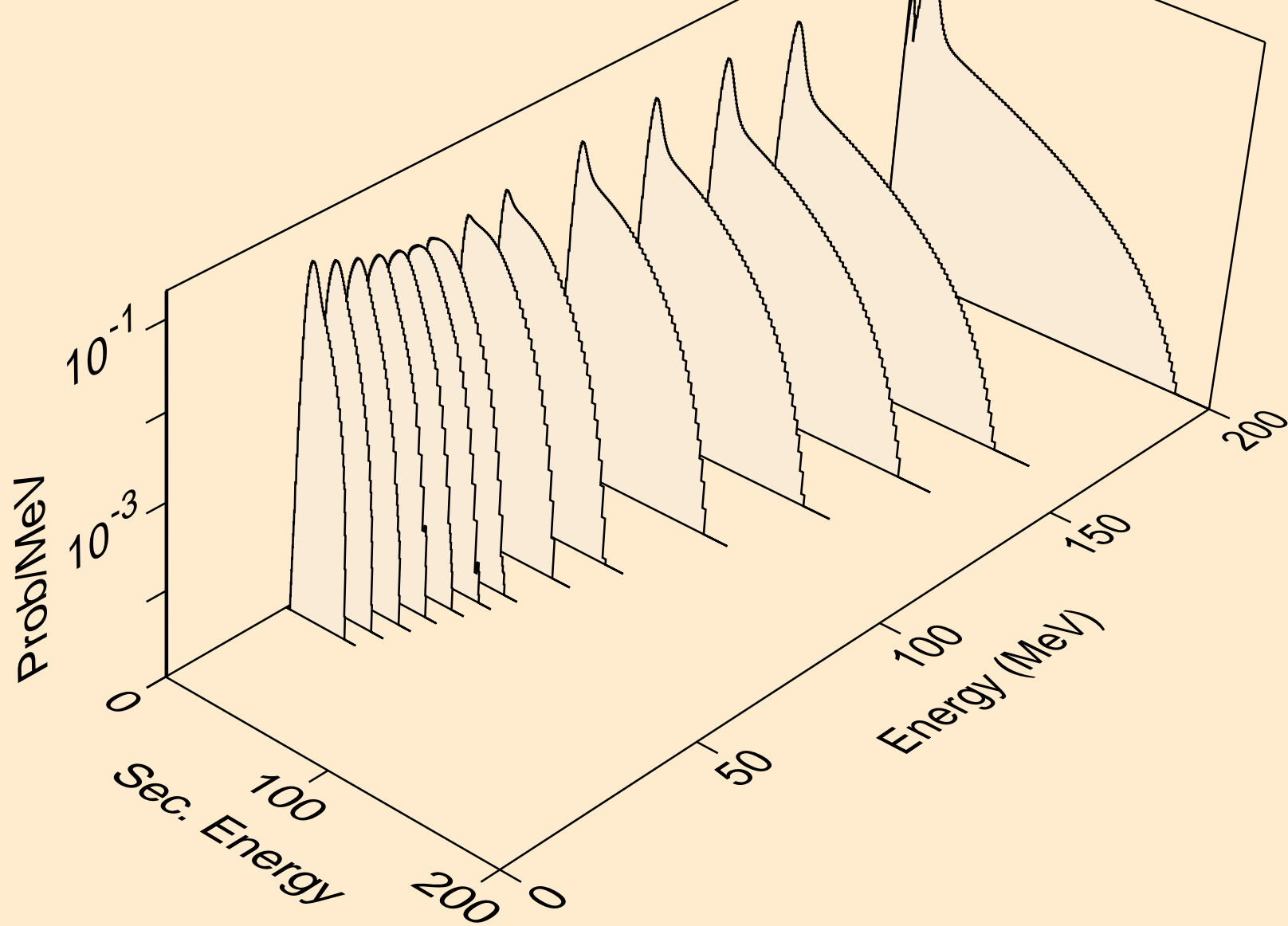


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neutrons from (s,npa)

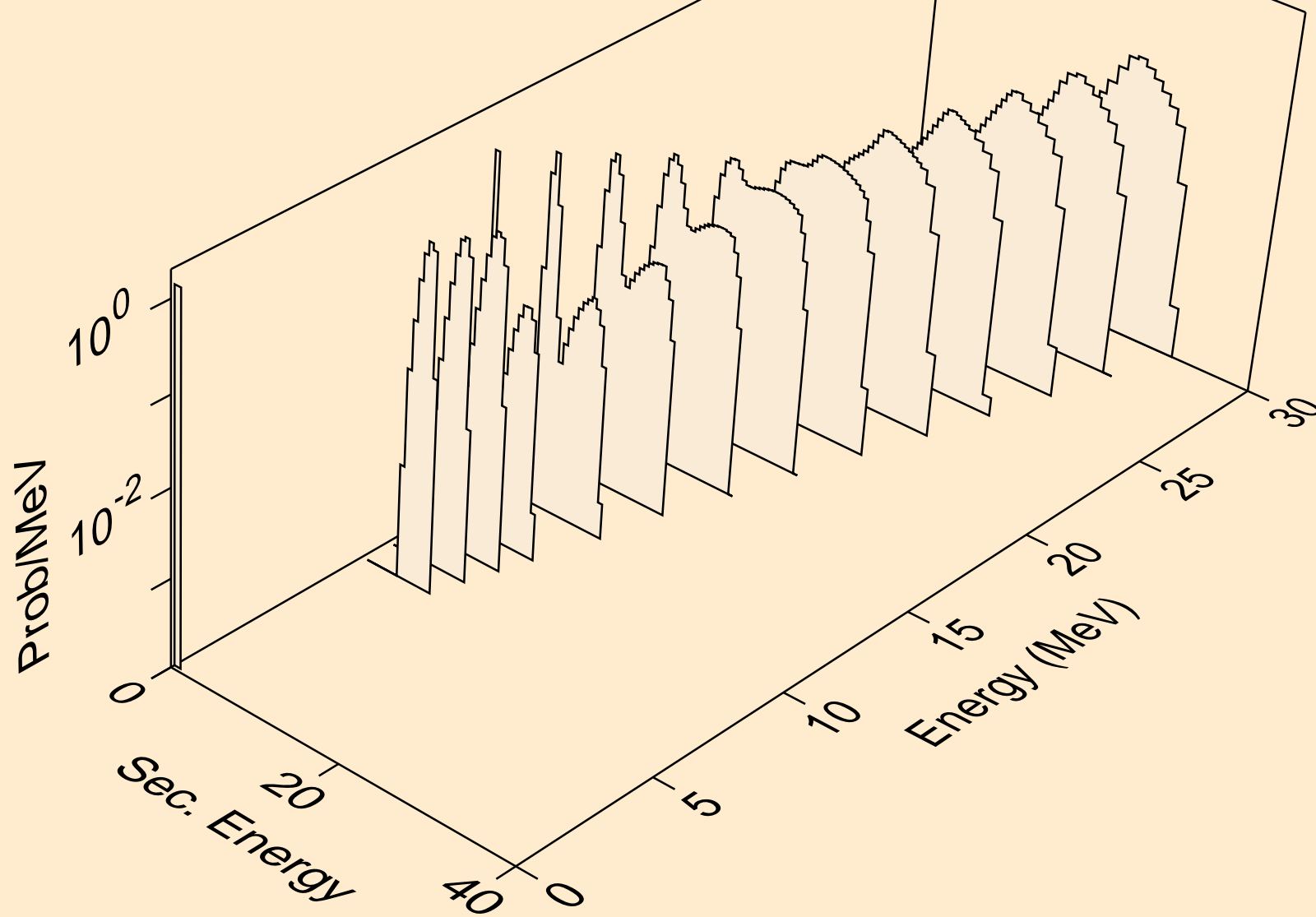




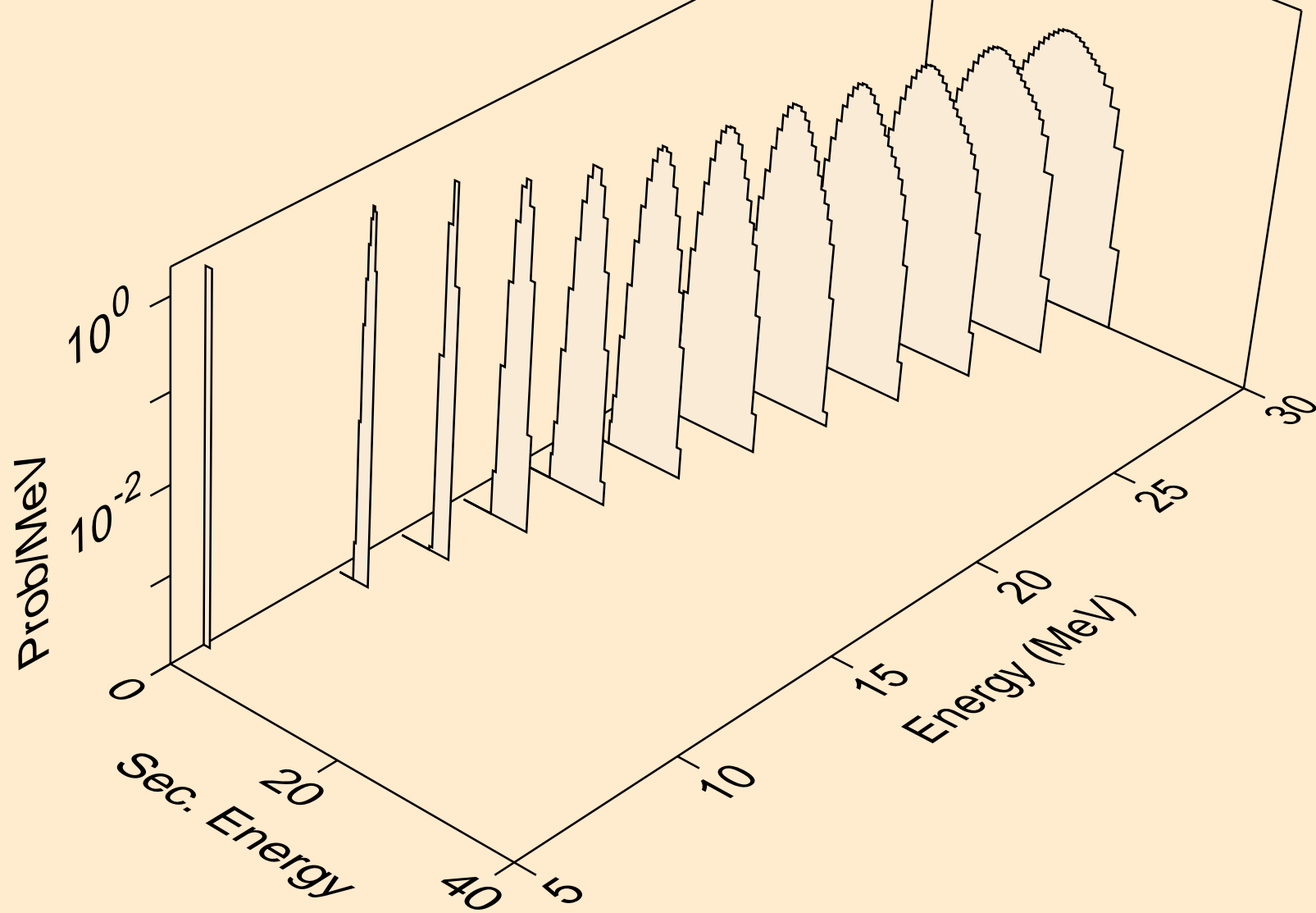
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protons from (s,x)



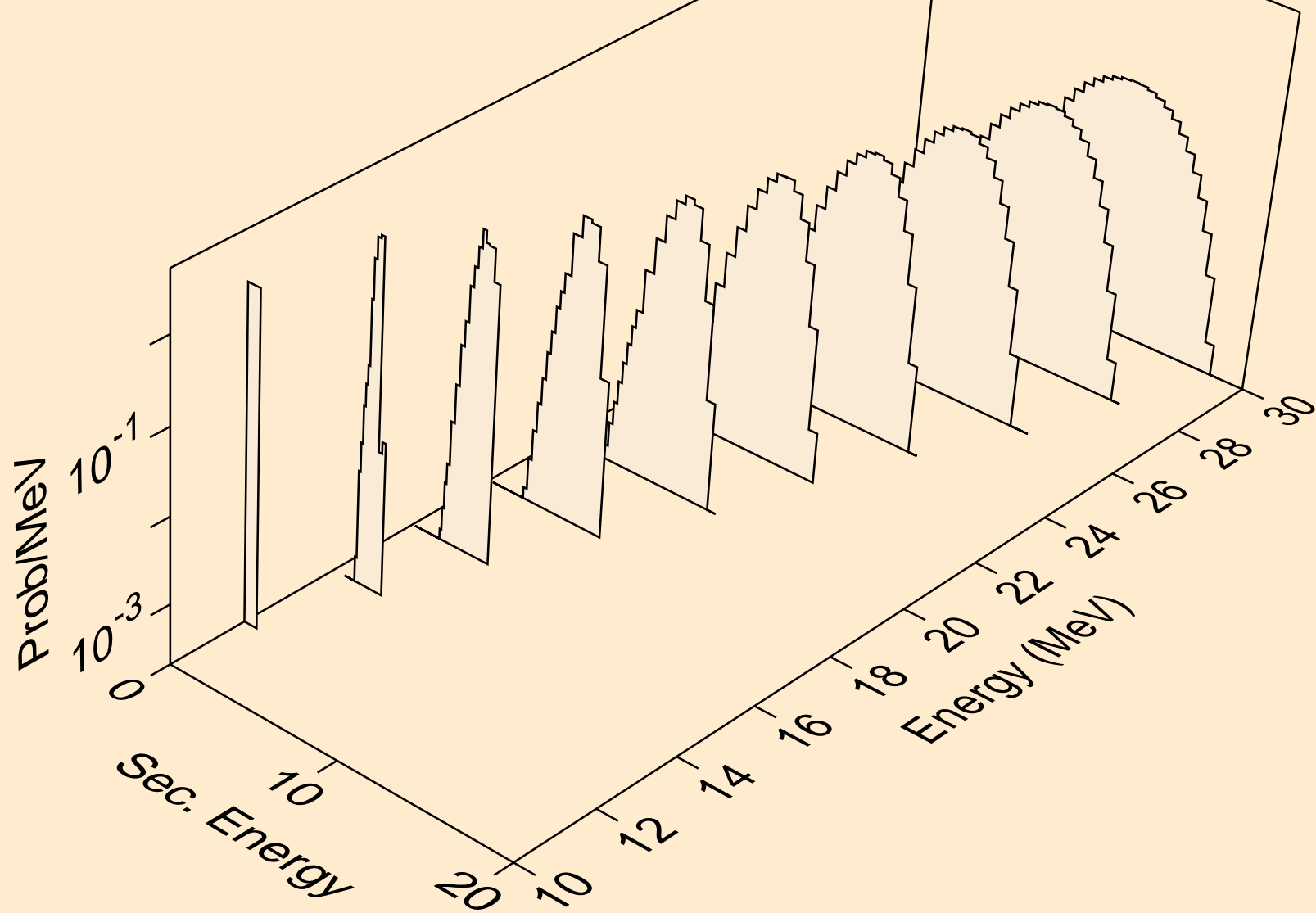
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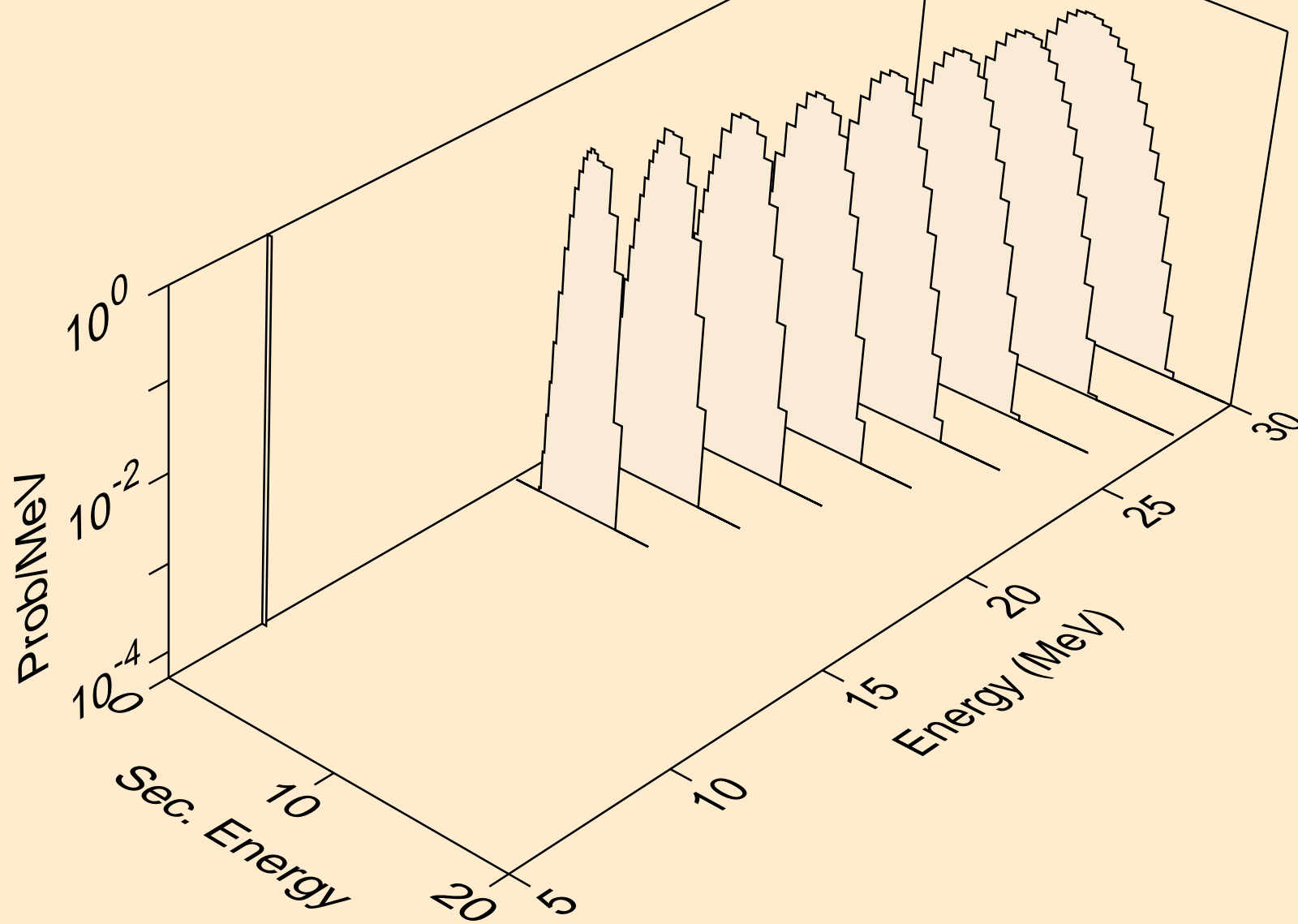
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protons from (s,2np)



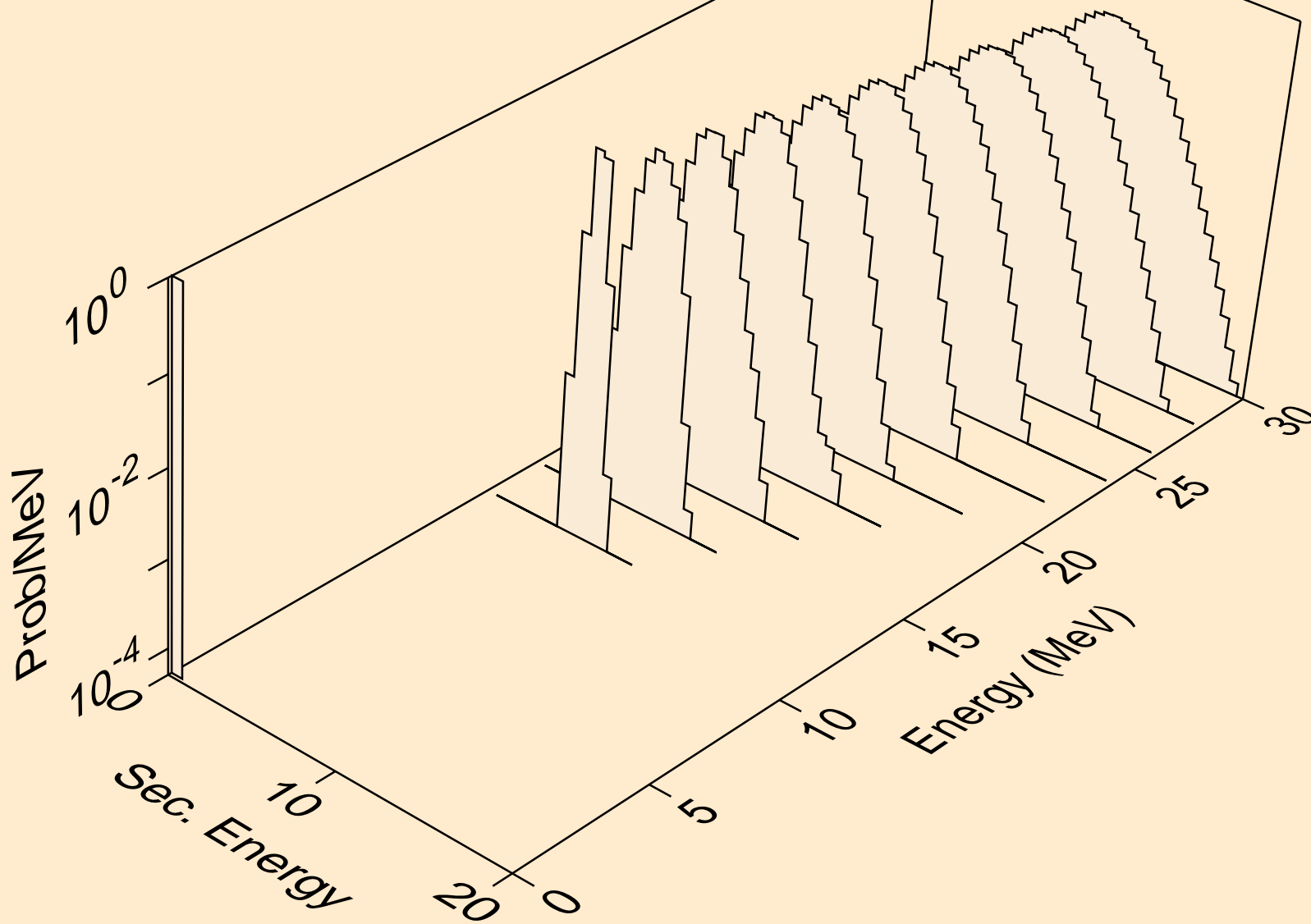
LU181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,3np)



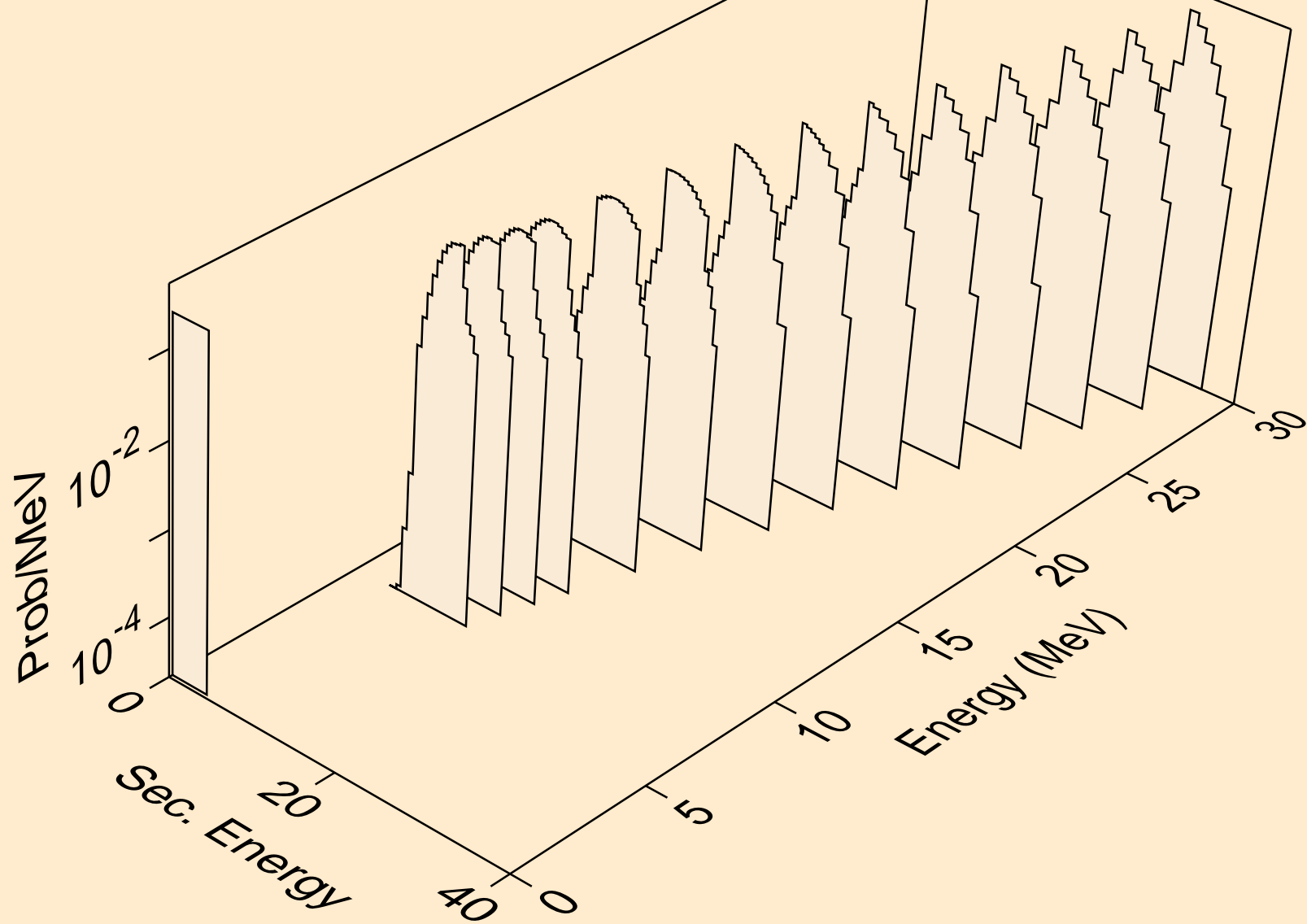
LU181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2np)



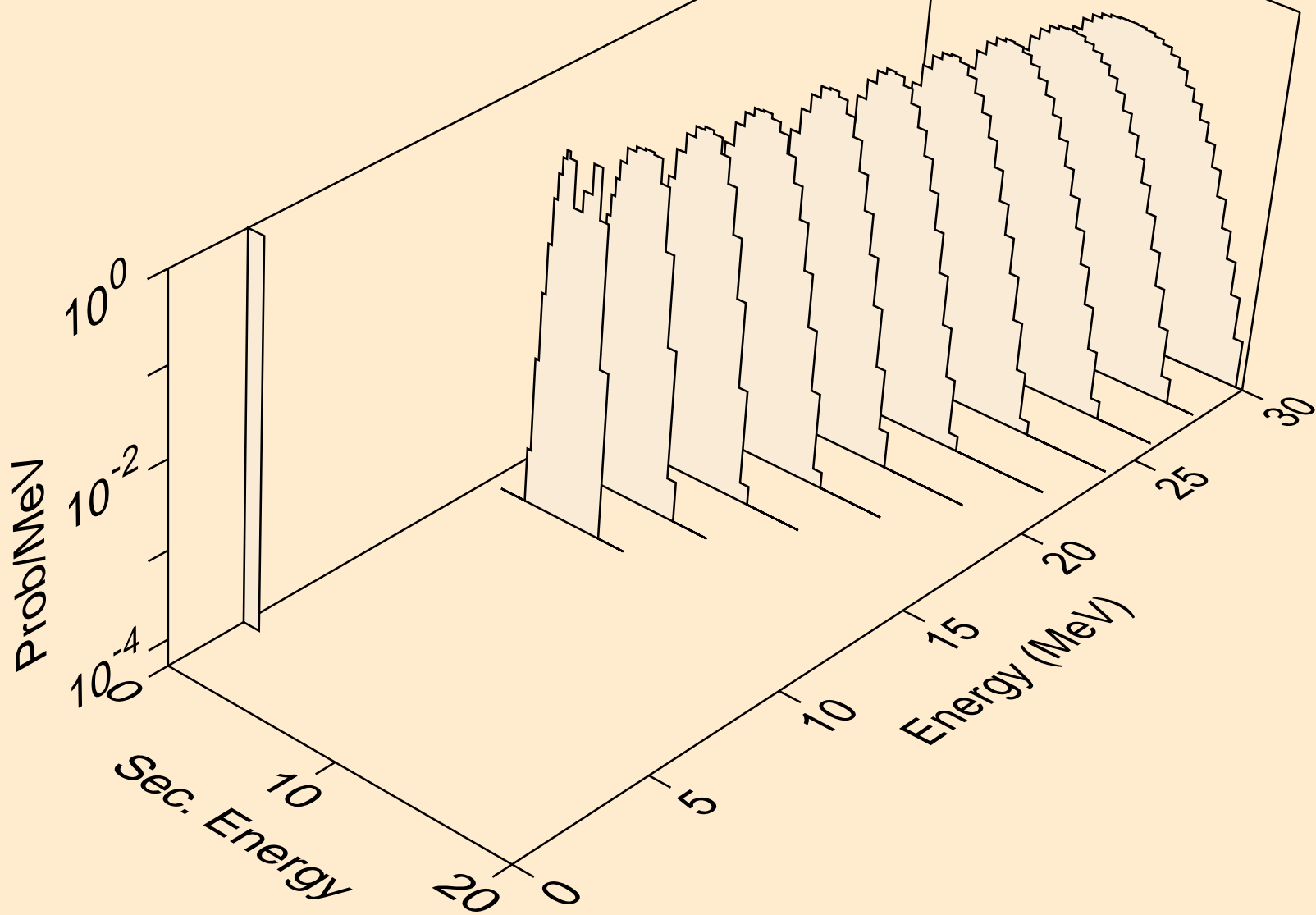
LU181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,npa)



LU181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,p)

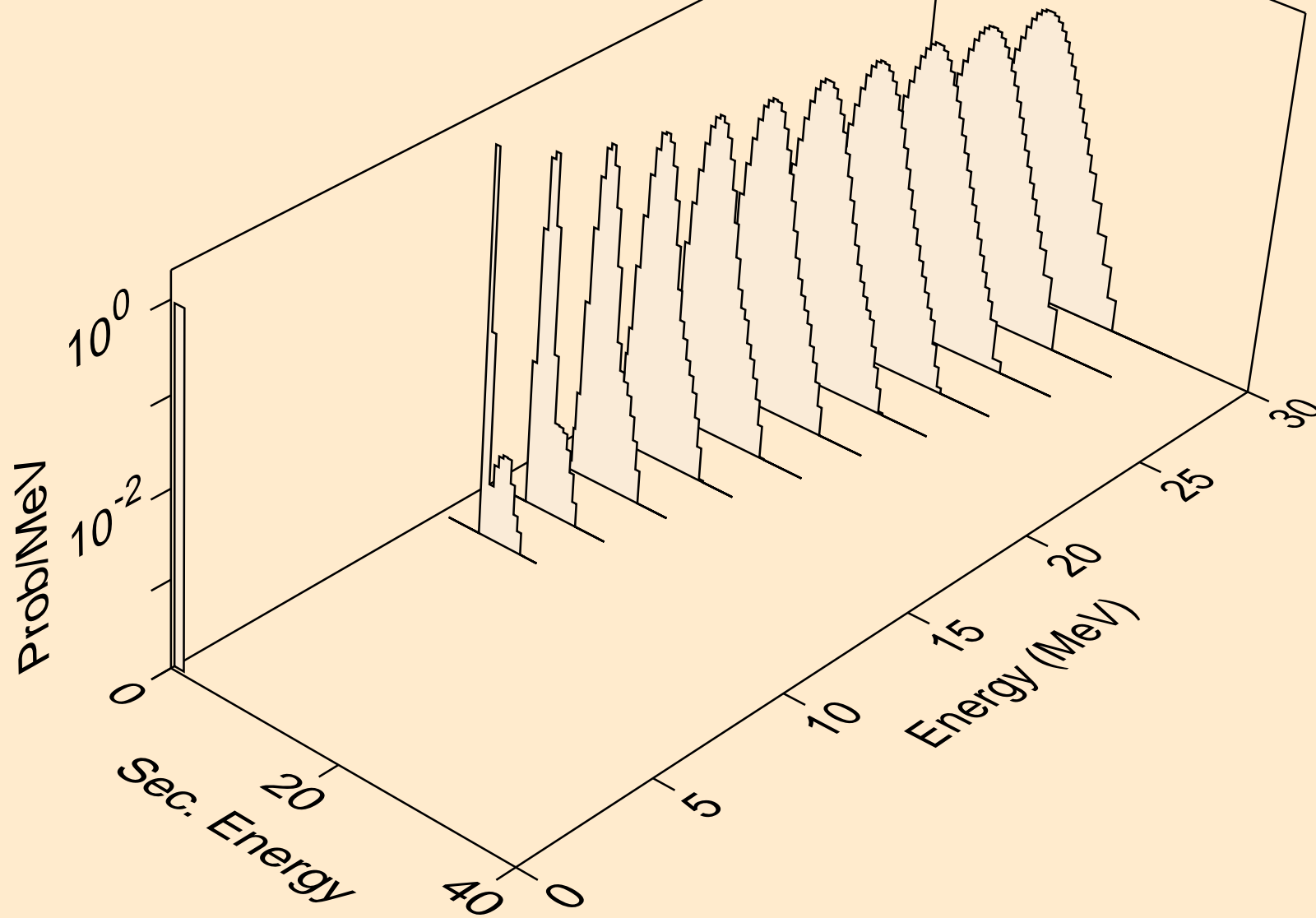


LU181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2p)

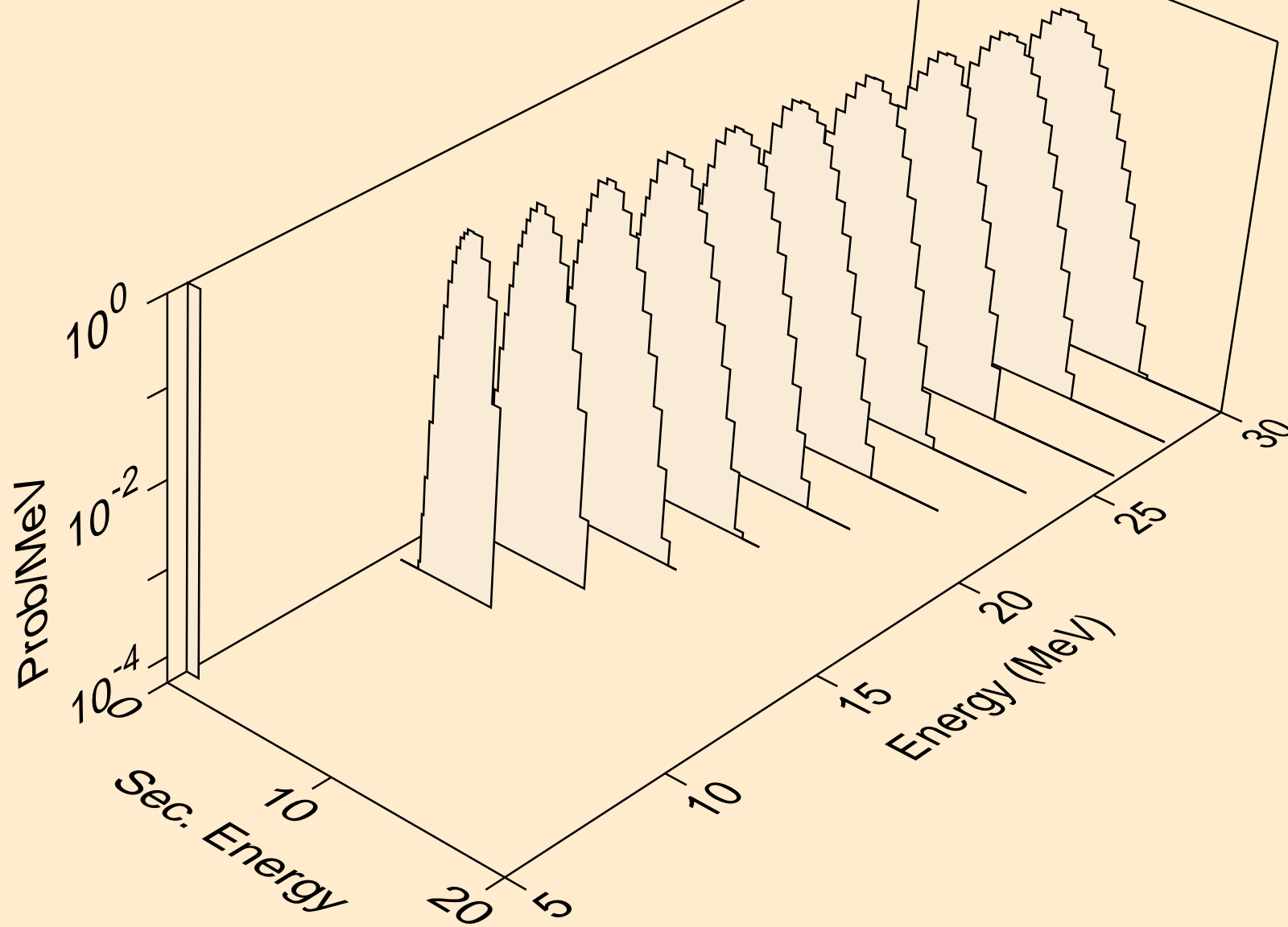




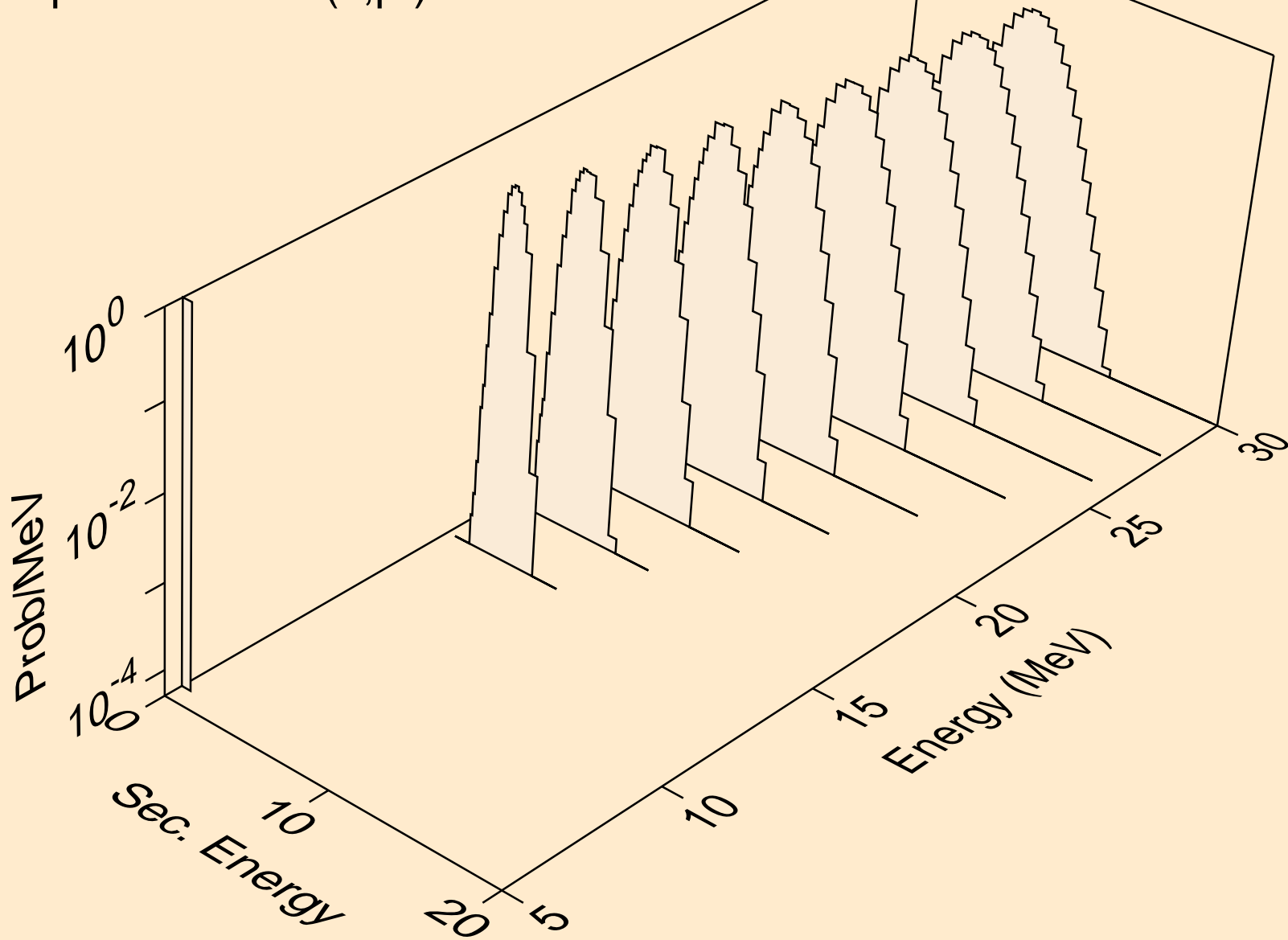
LU181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pa)



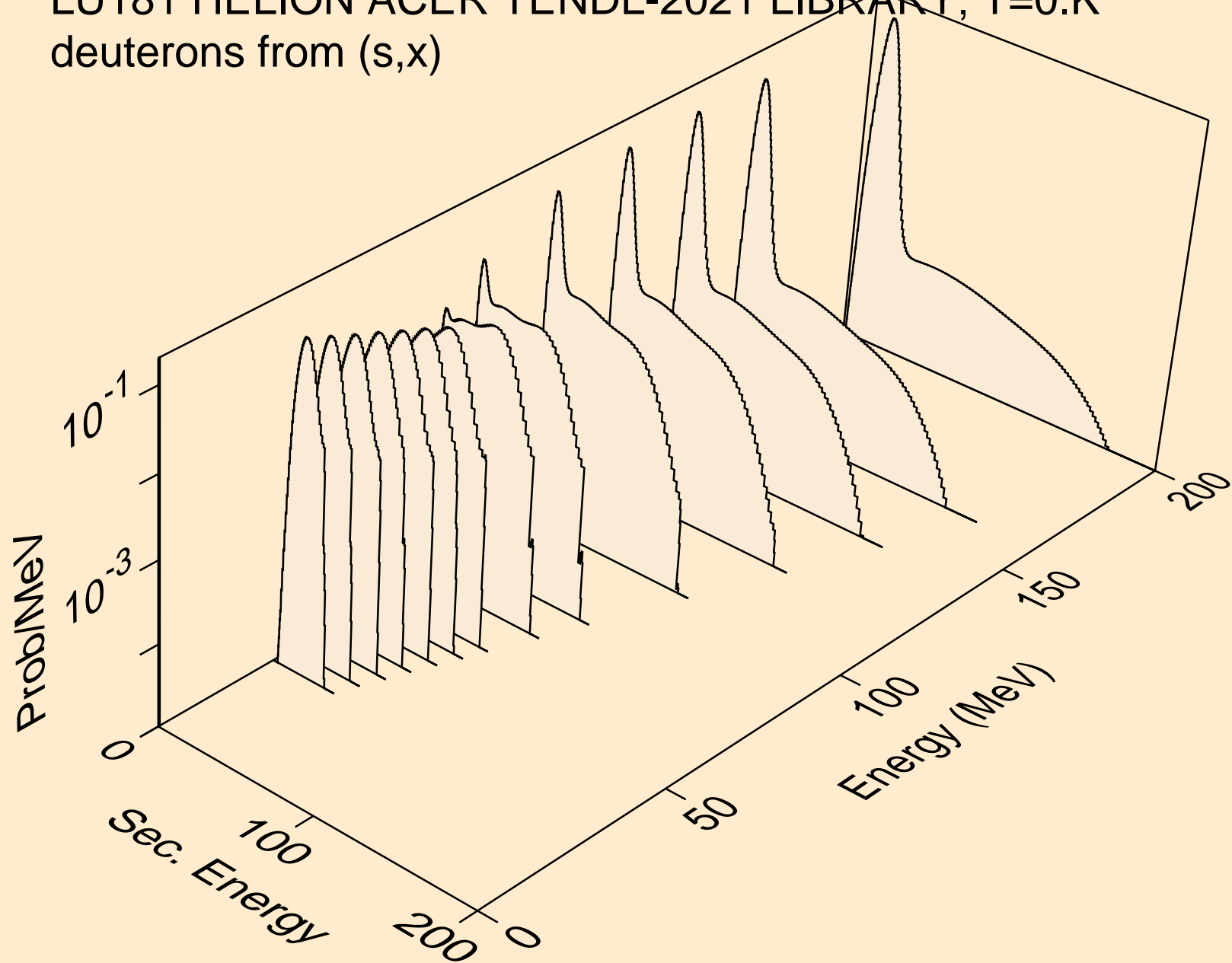
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protons from (s,pd)



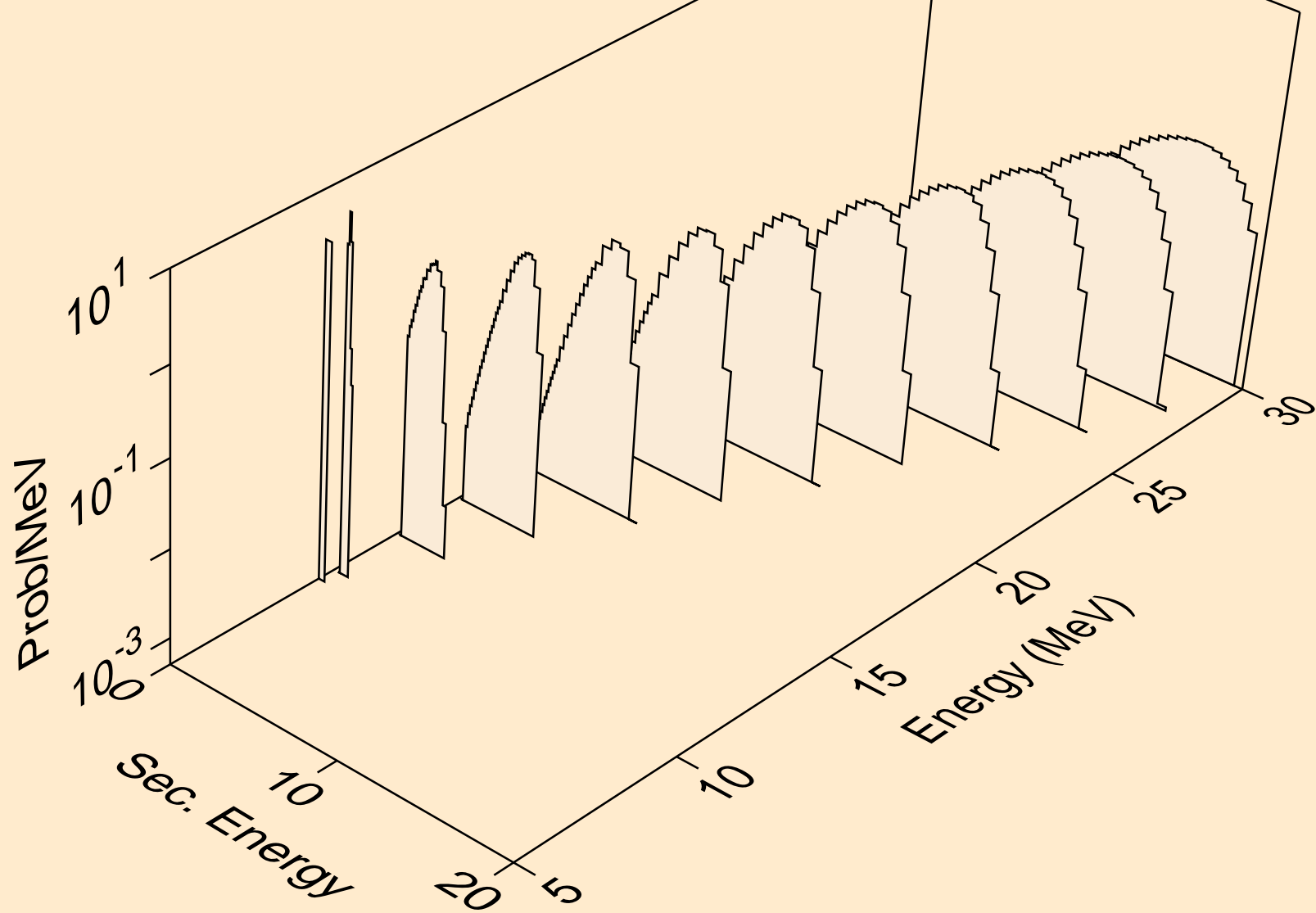
LU181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pt)



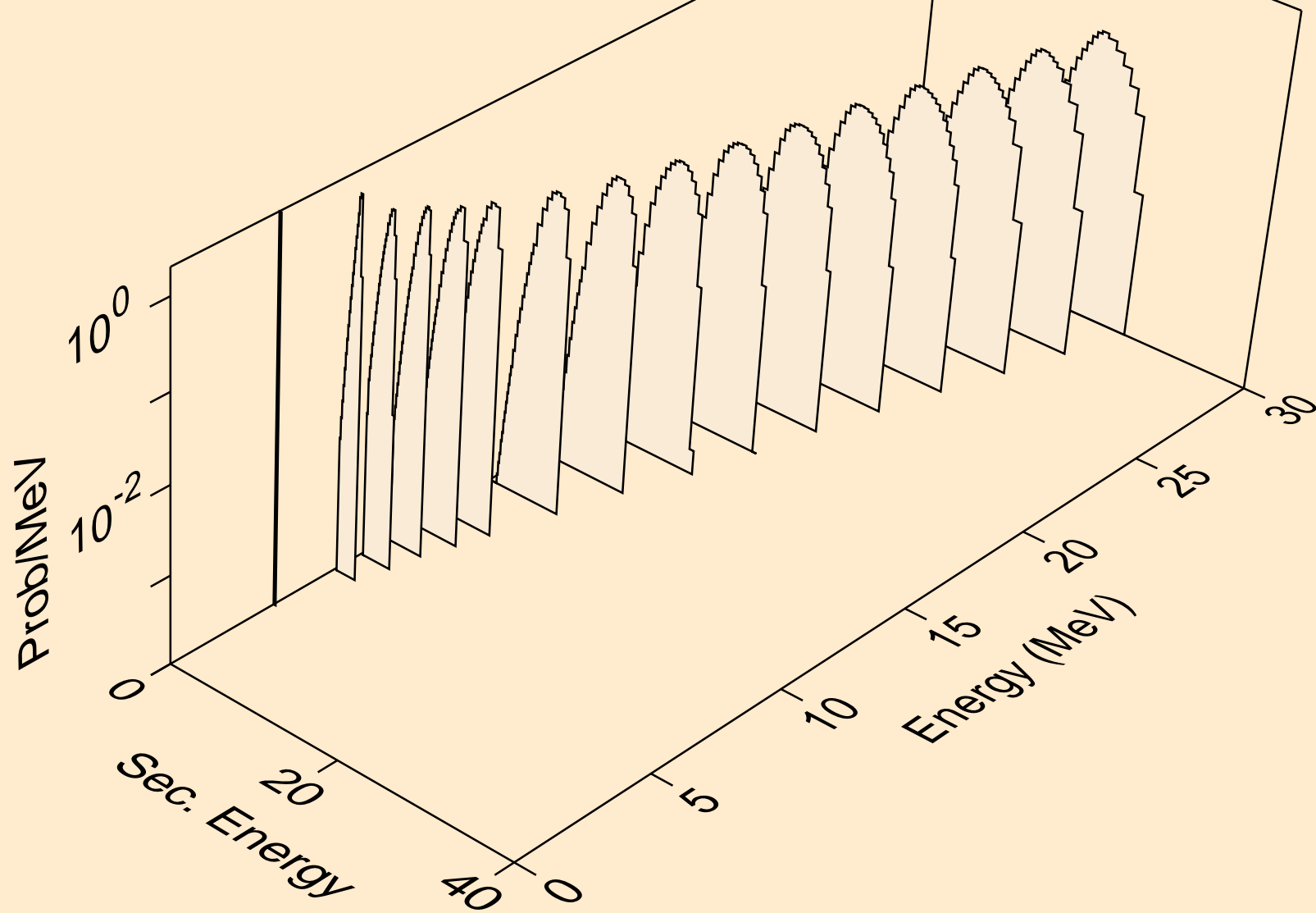
LU181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,x)



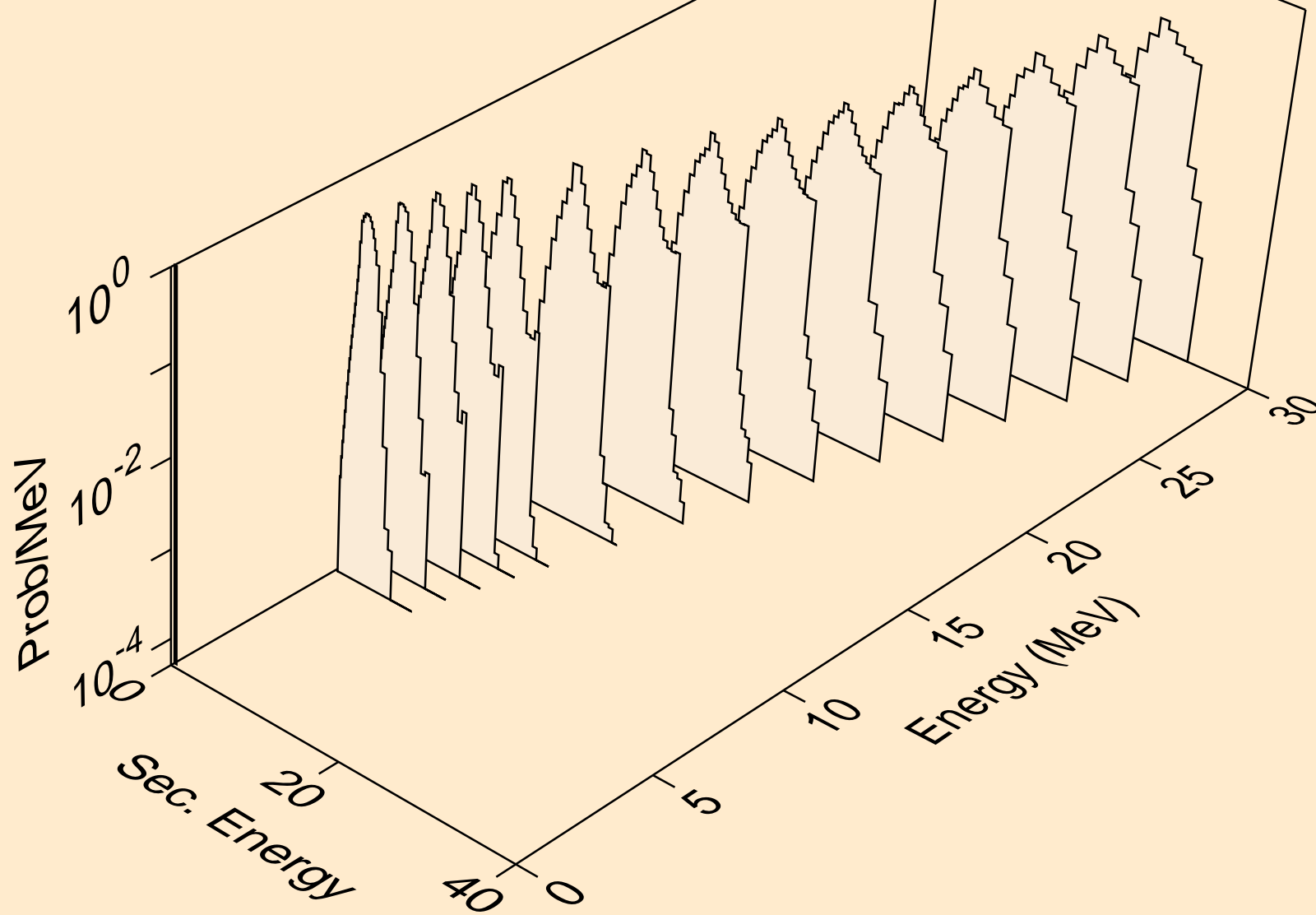
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deuterons from (s,2nd)



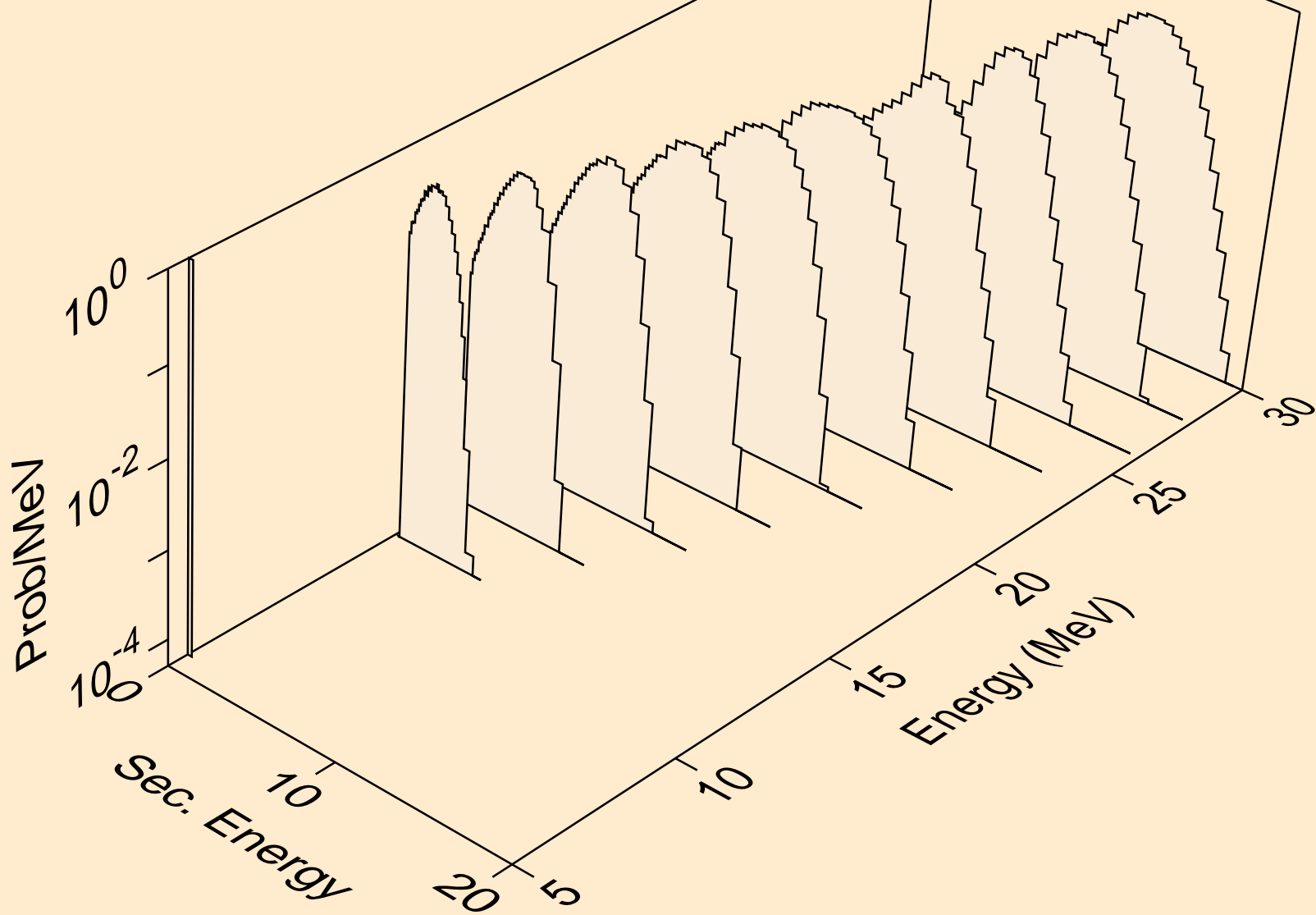
LU181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,n\*)d



LU181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,d)

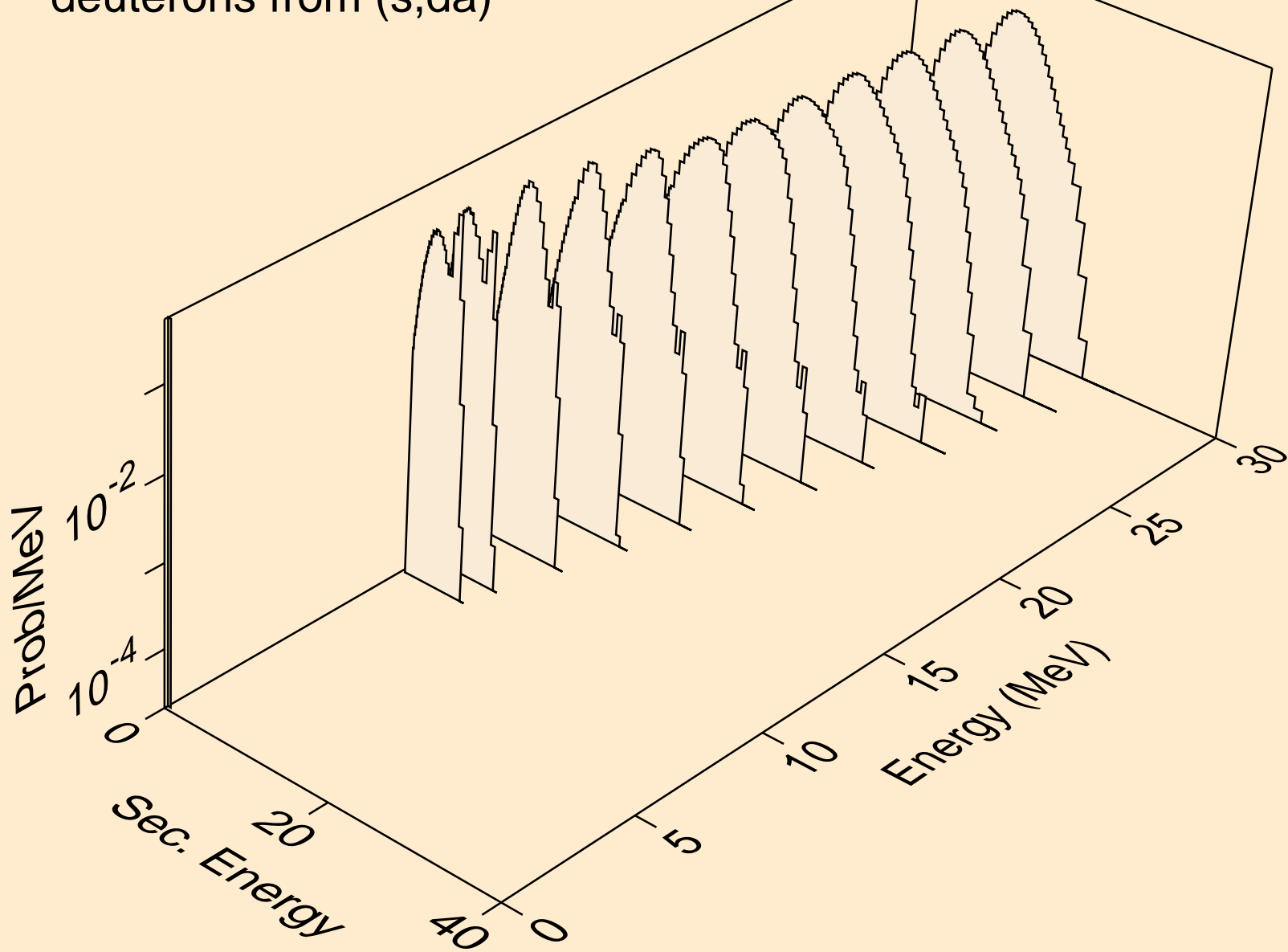


LU181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,pd)

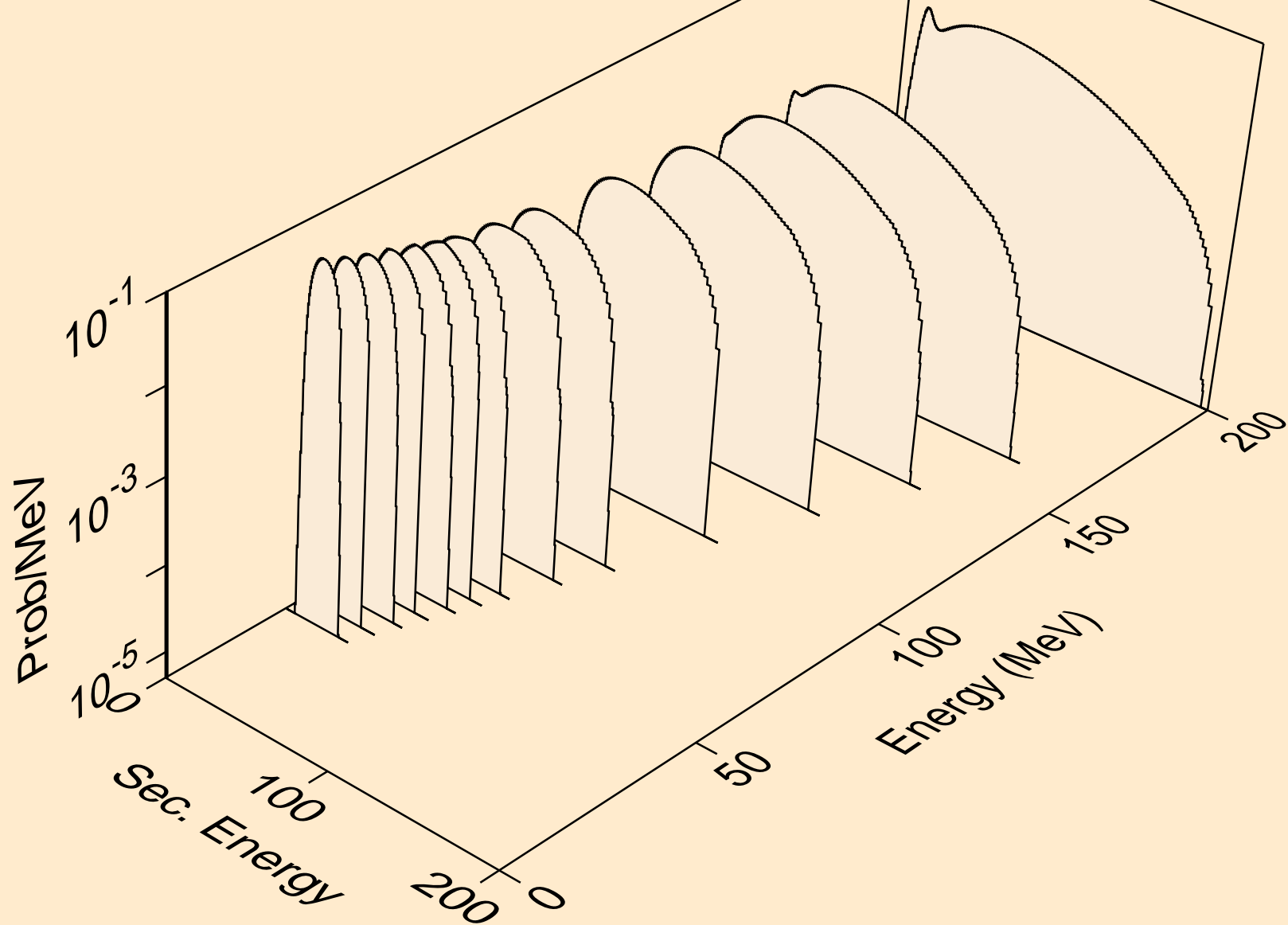




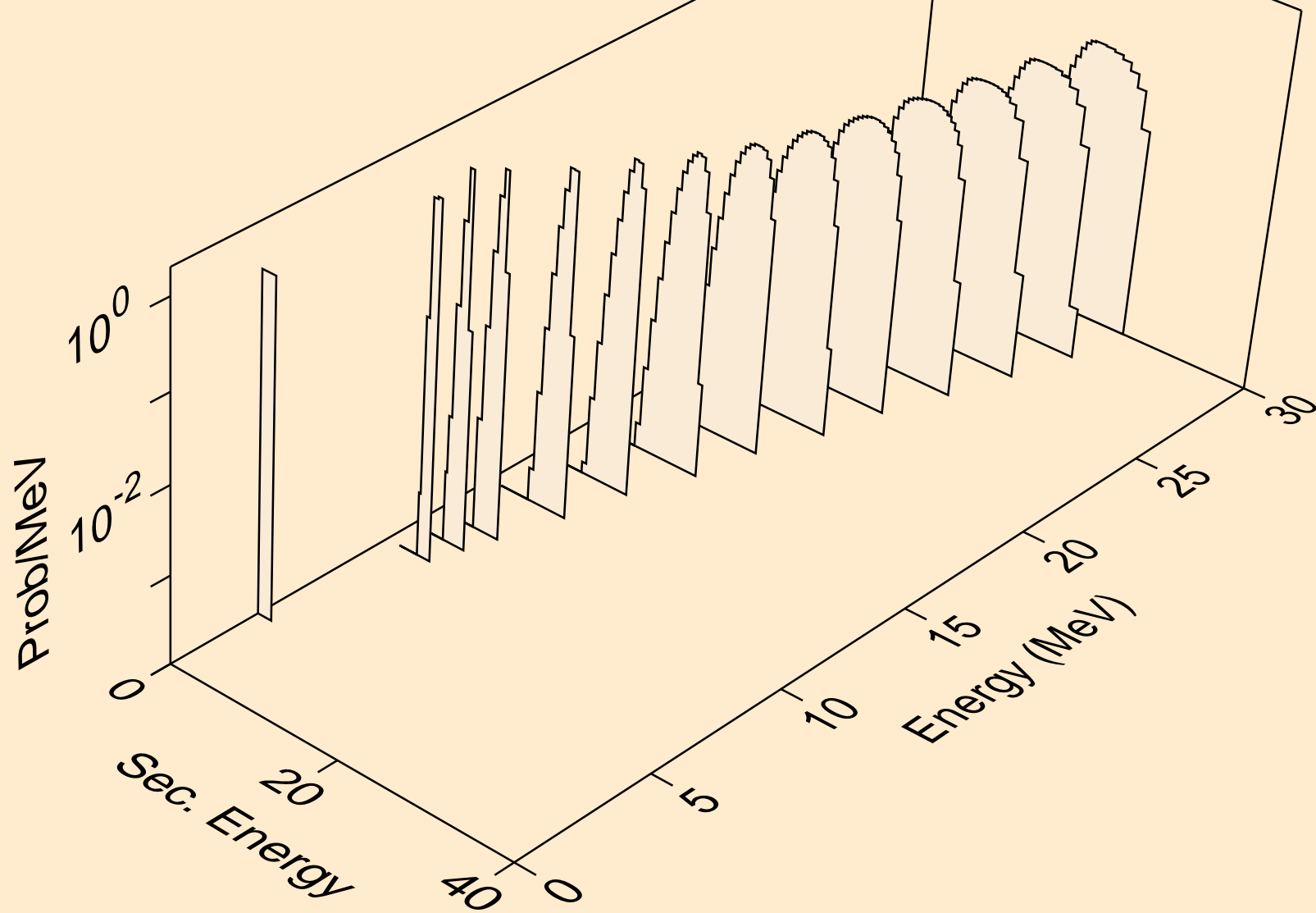
LU181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,da)



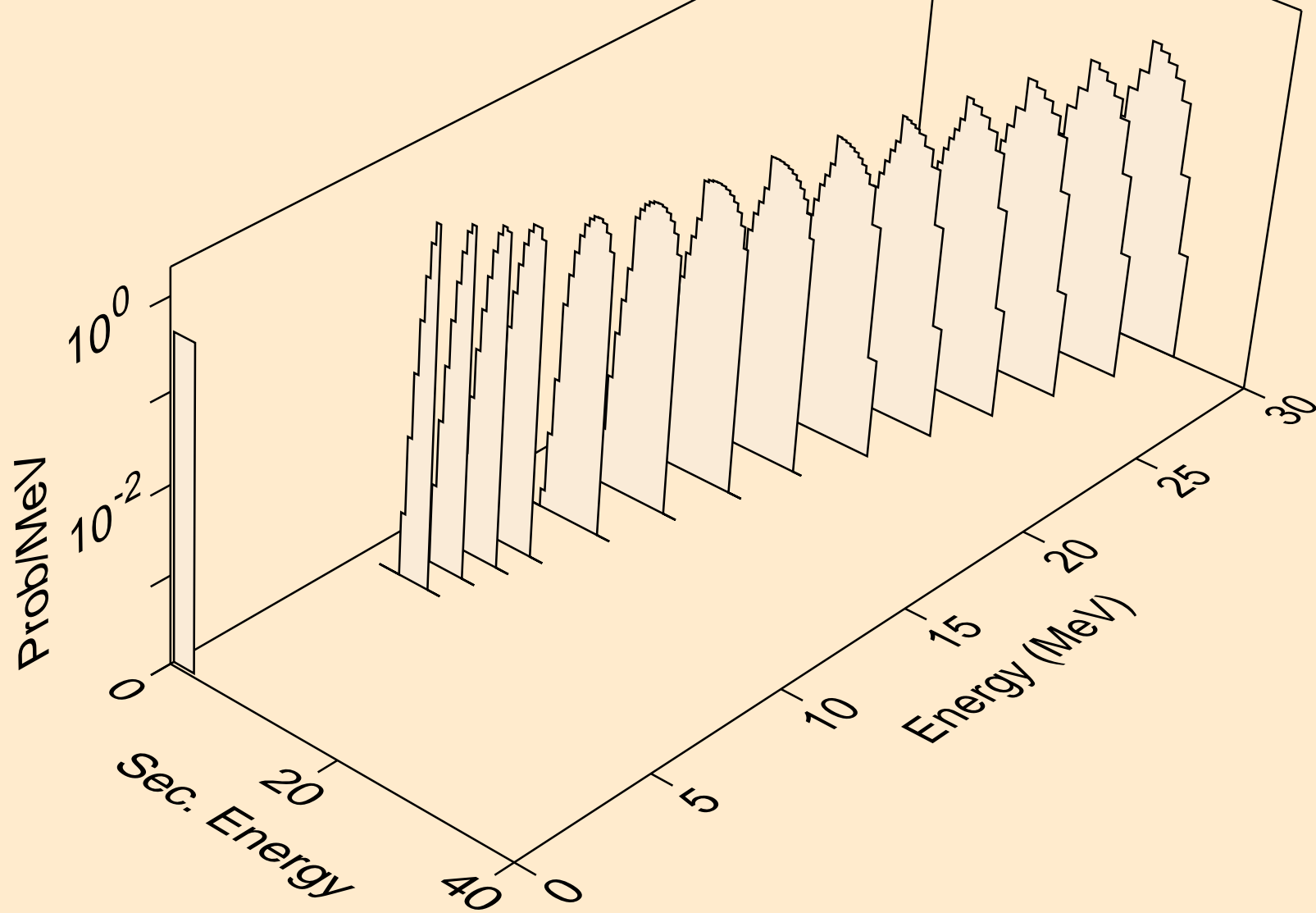
LU181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,x)



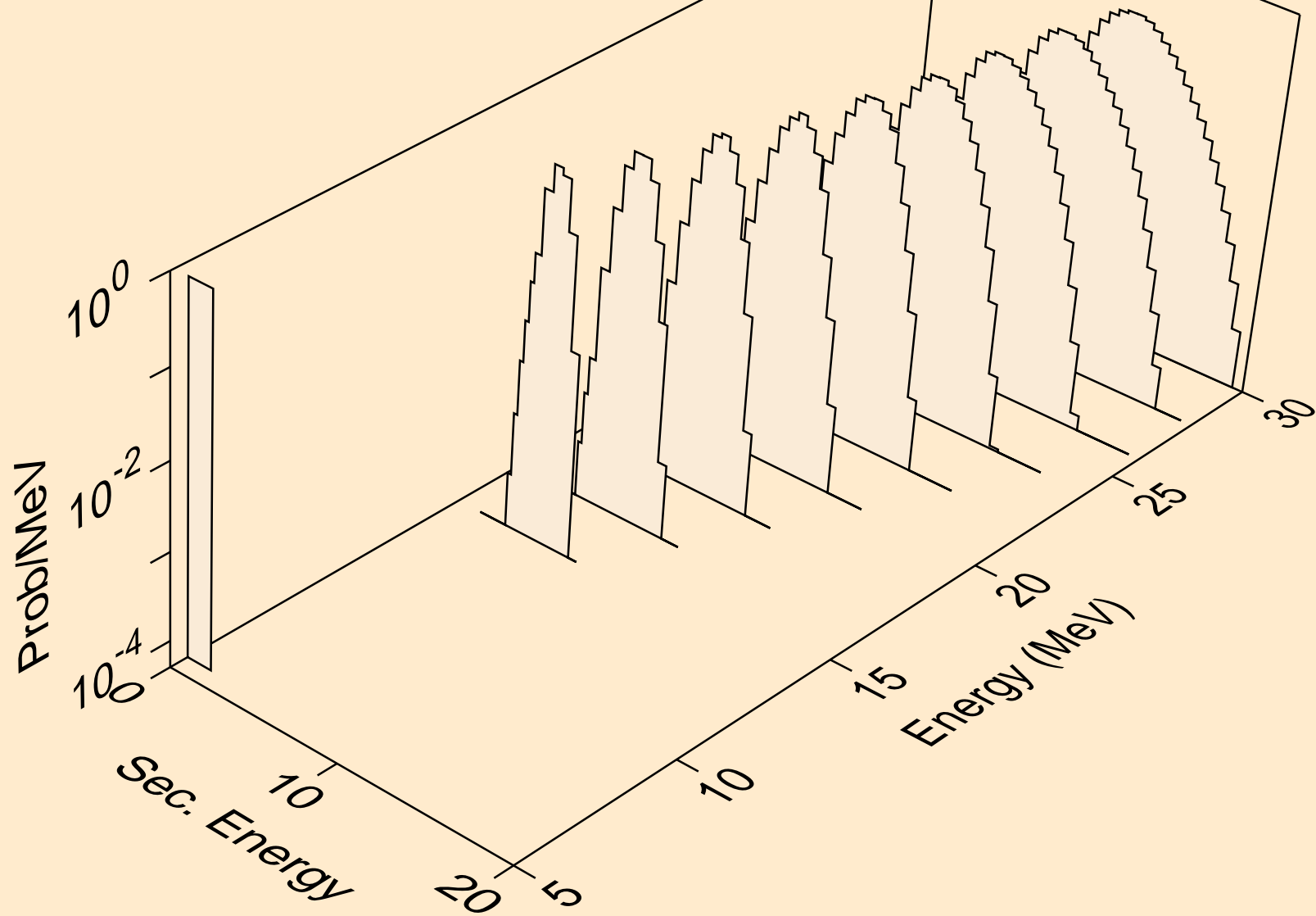
LU181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,n\*)t



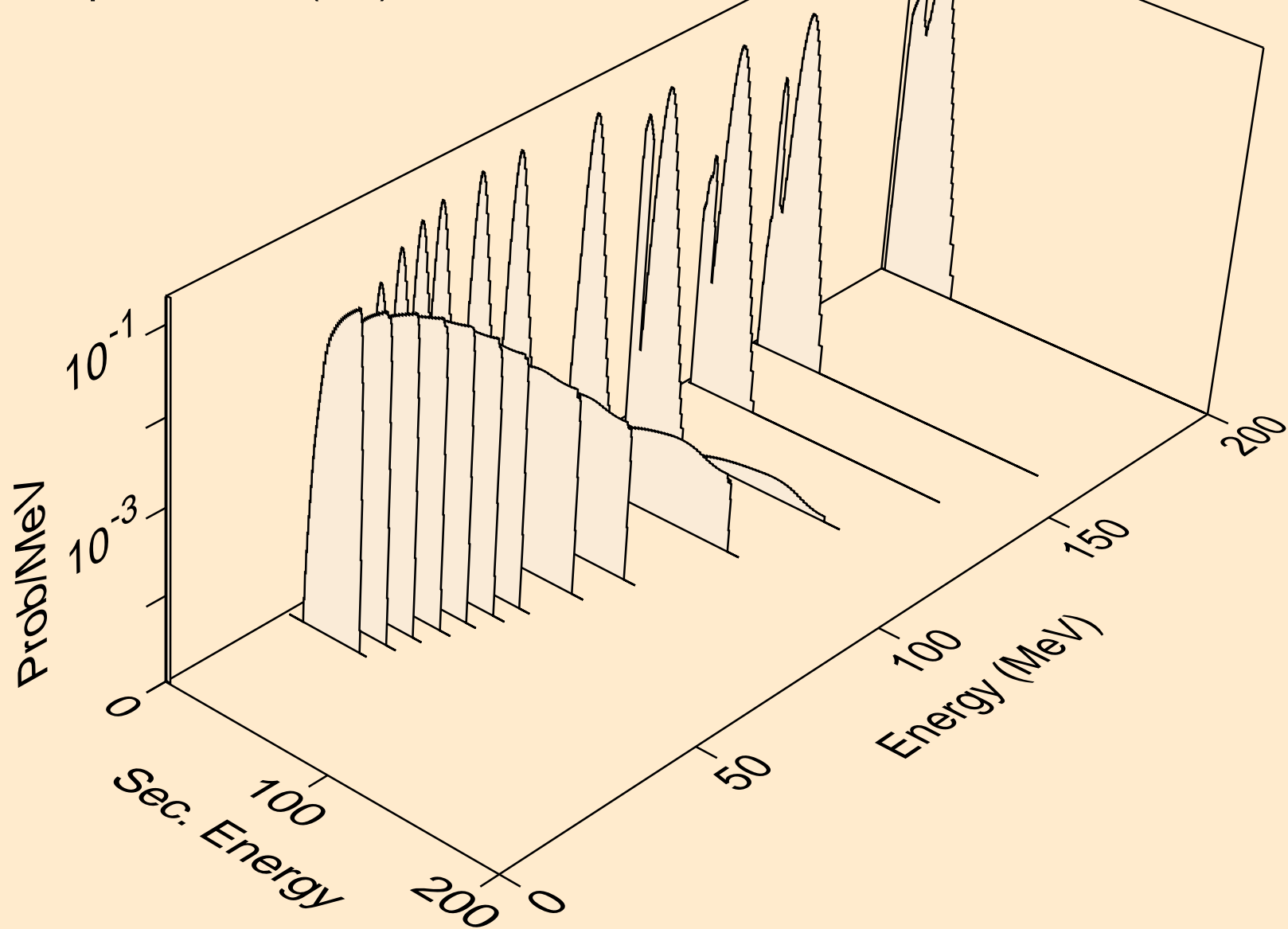
LU181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,t)



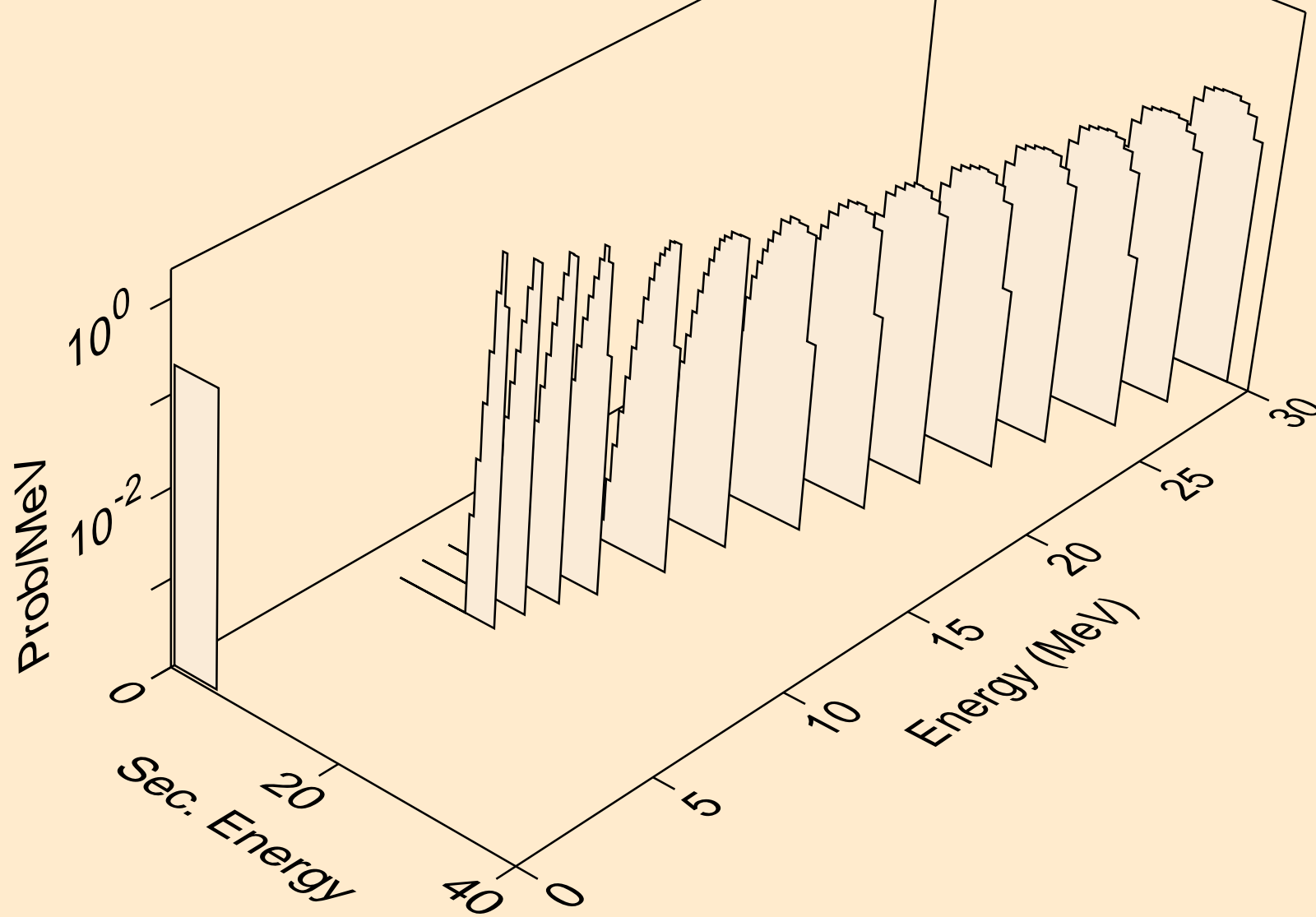
LU181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,pt)



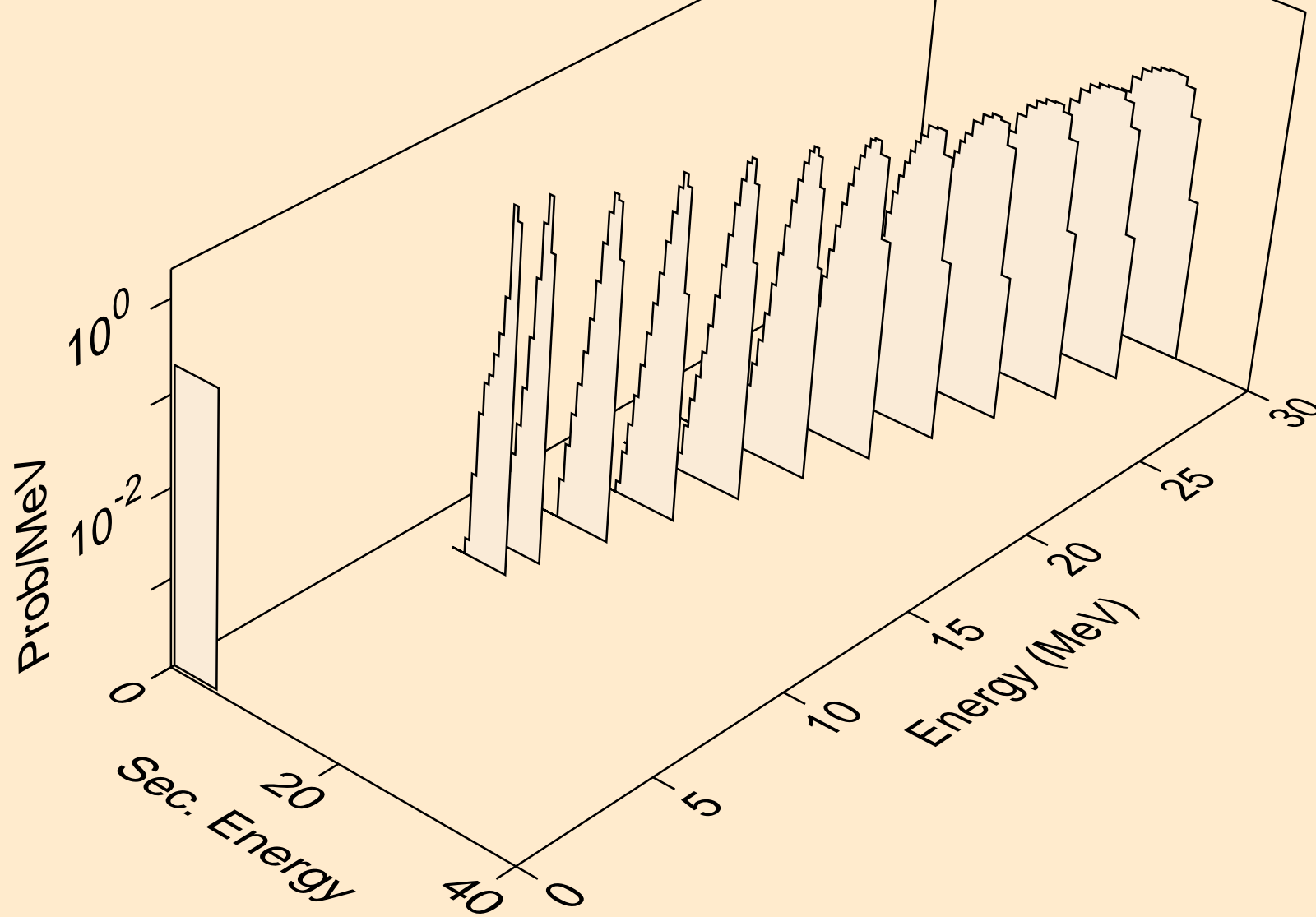
LU181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,x)



LU181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)a

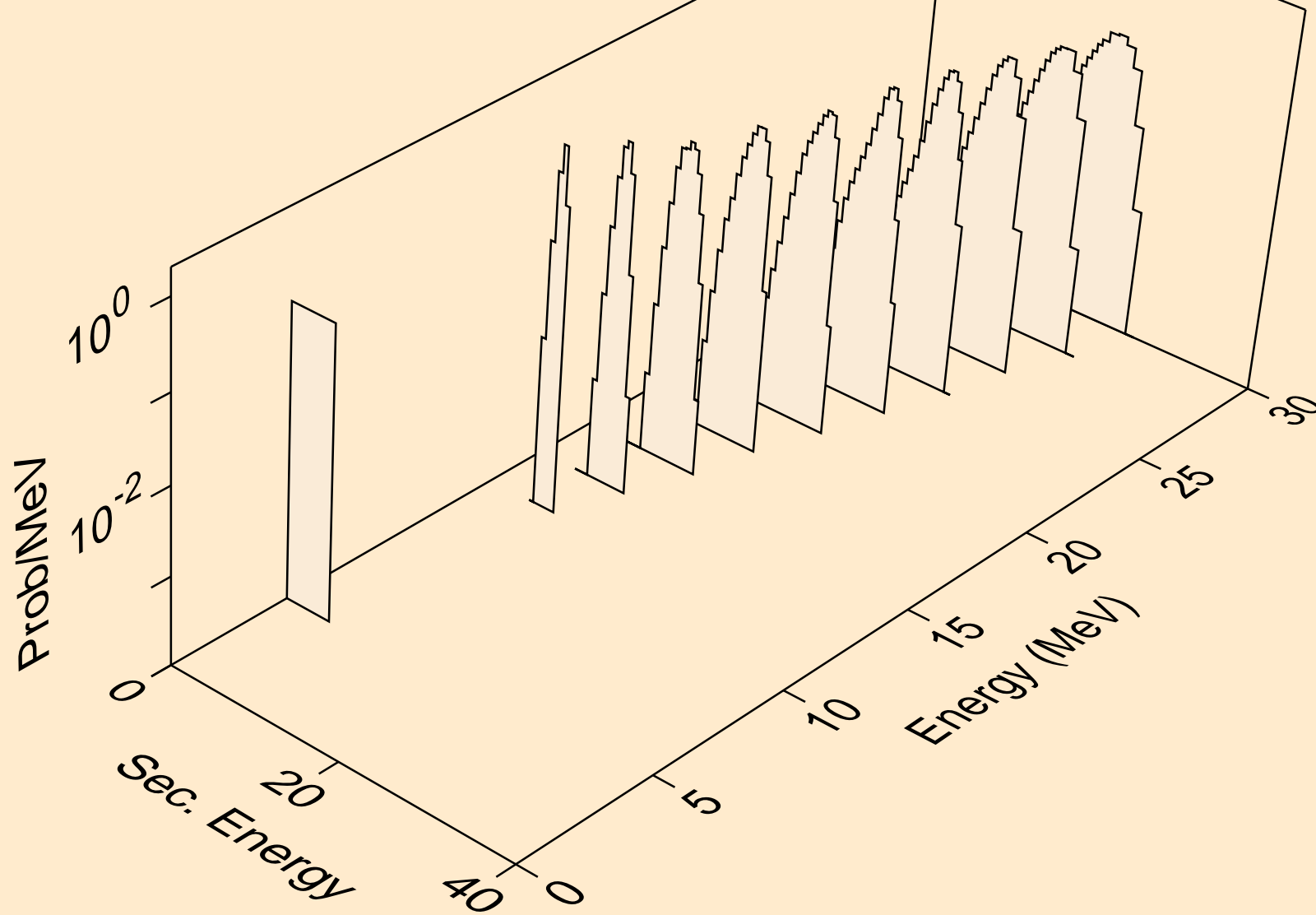


LU181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2n)a

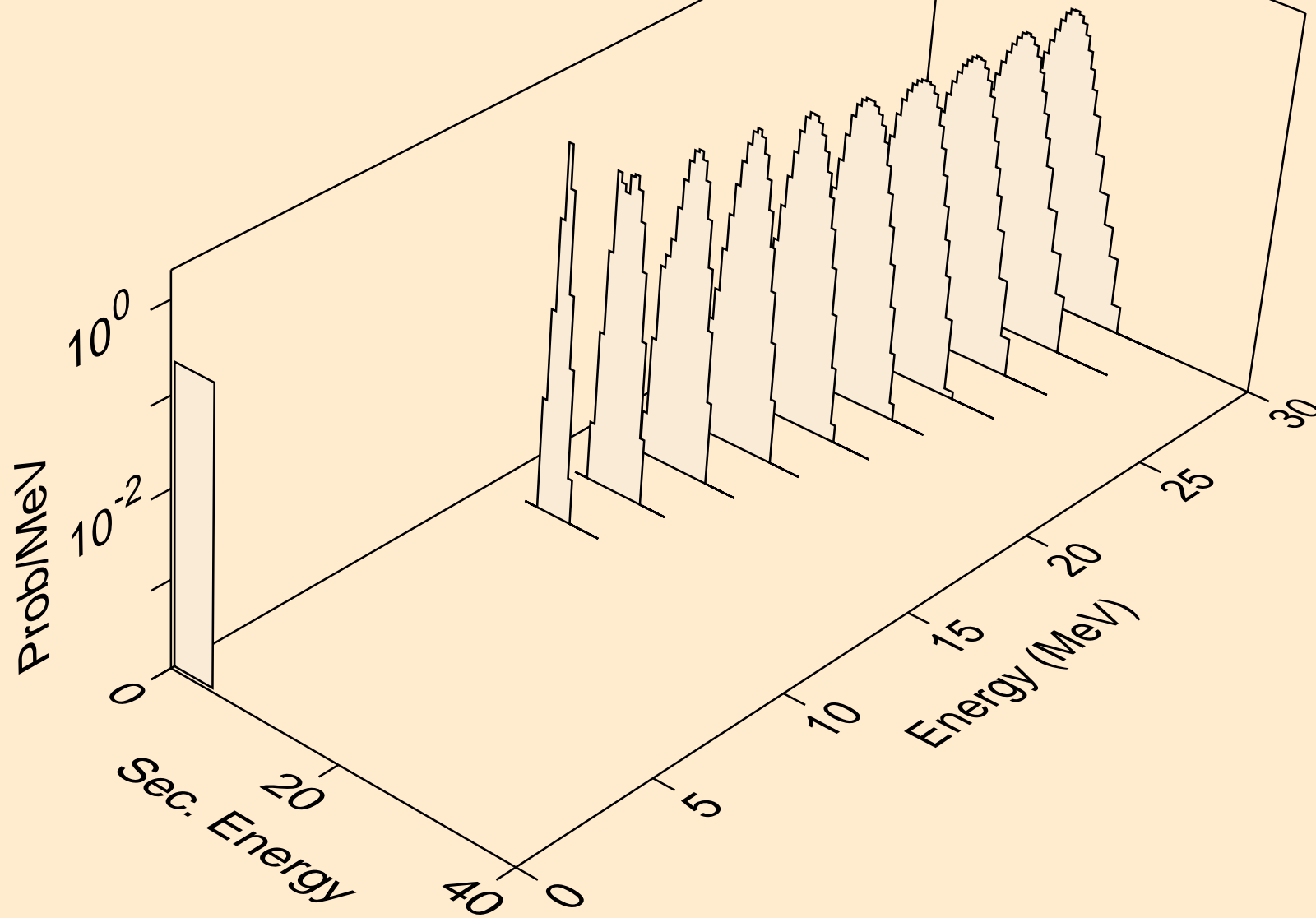




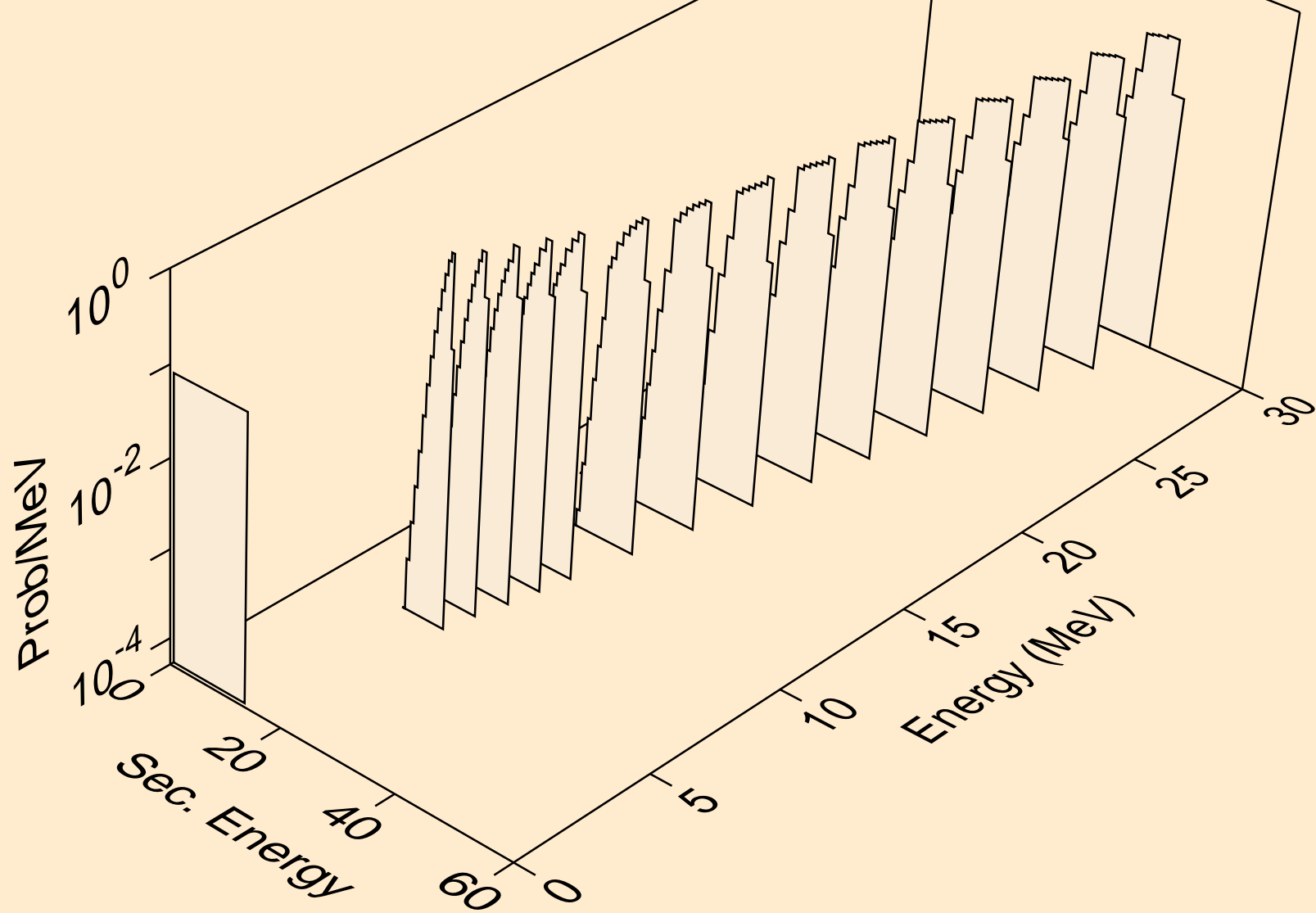
LU181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,3n)a



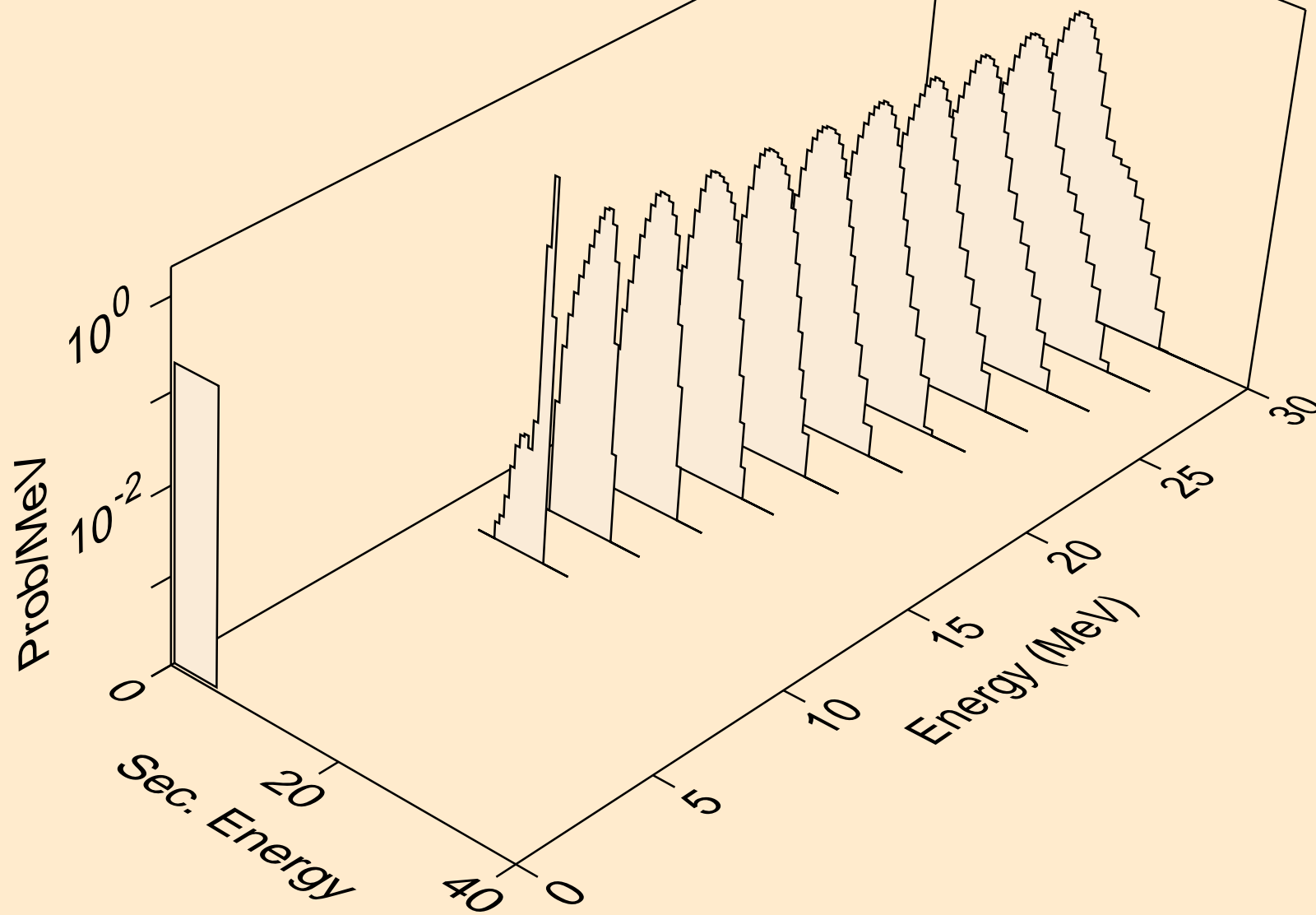
LU181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,npa)



LU181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,a)



LU181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,pa)



LU181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,da)

