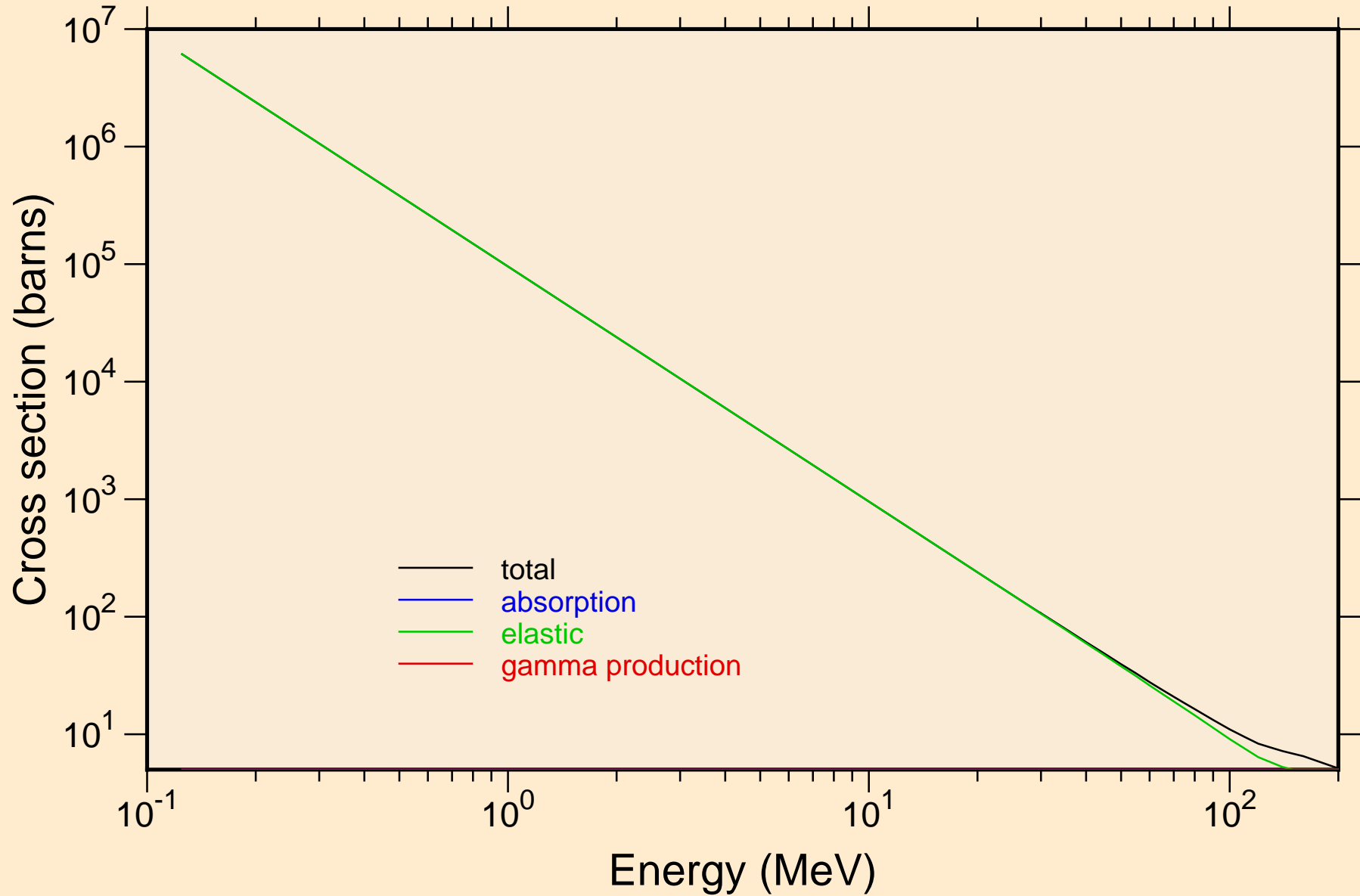
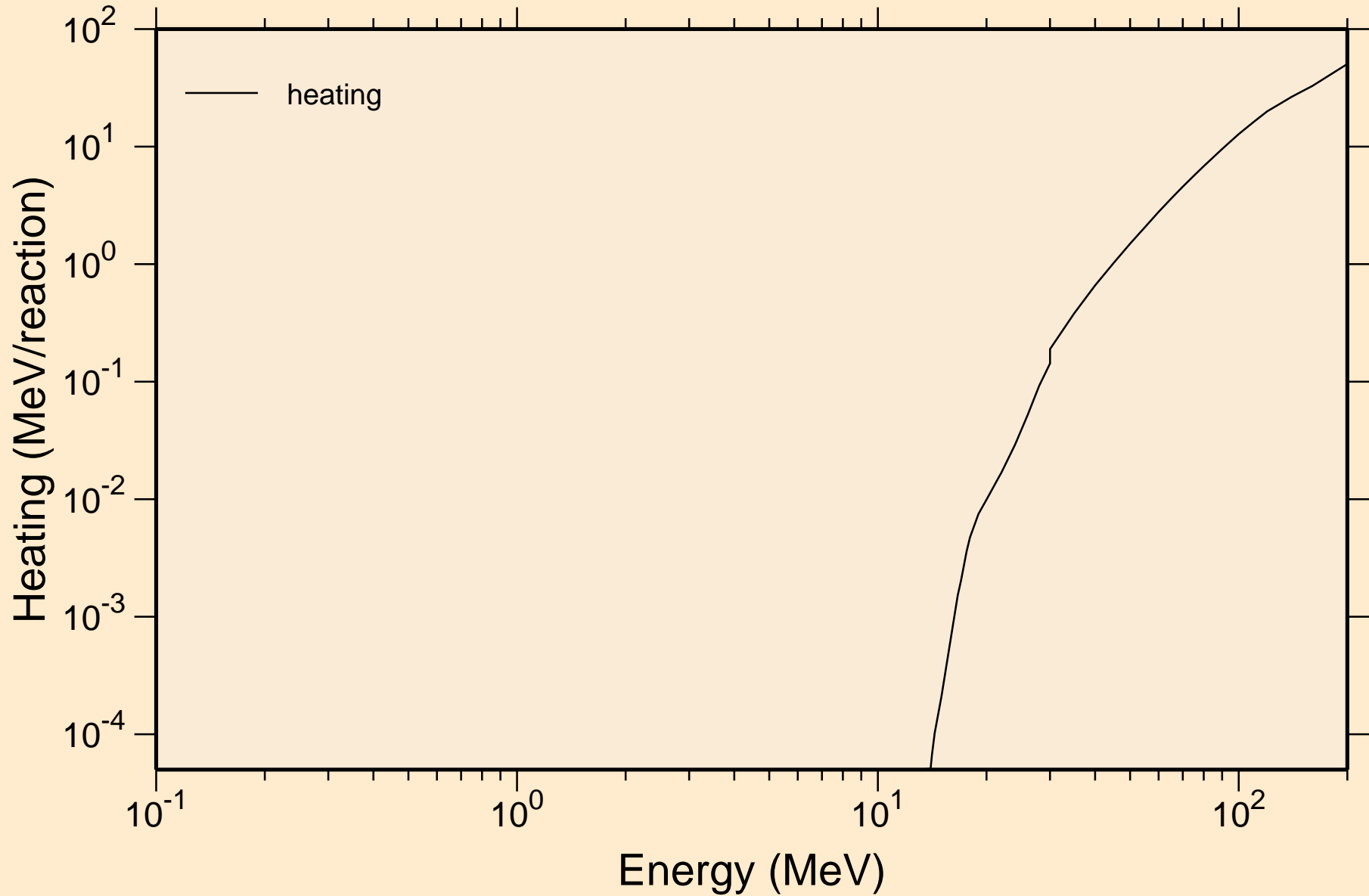


PM130 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



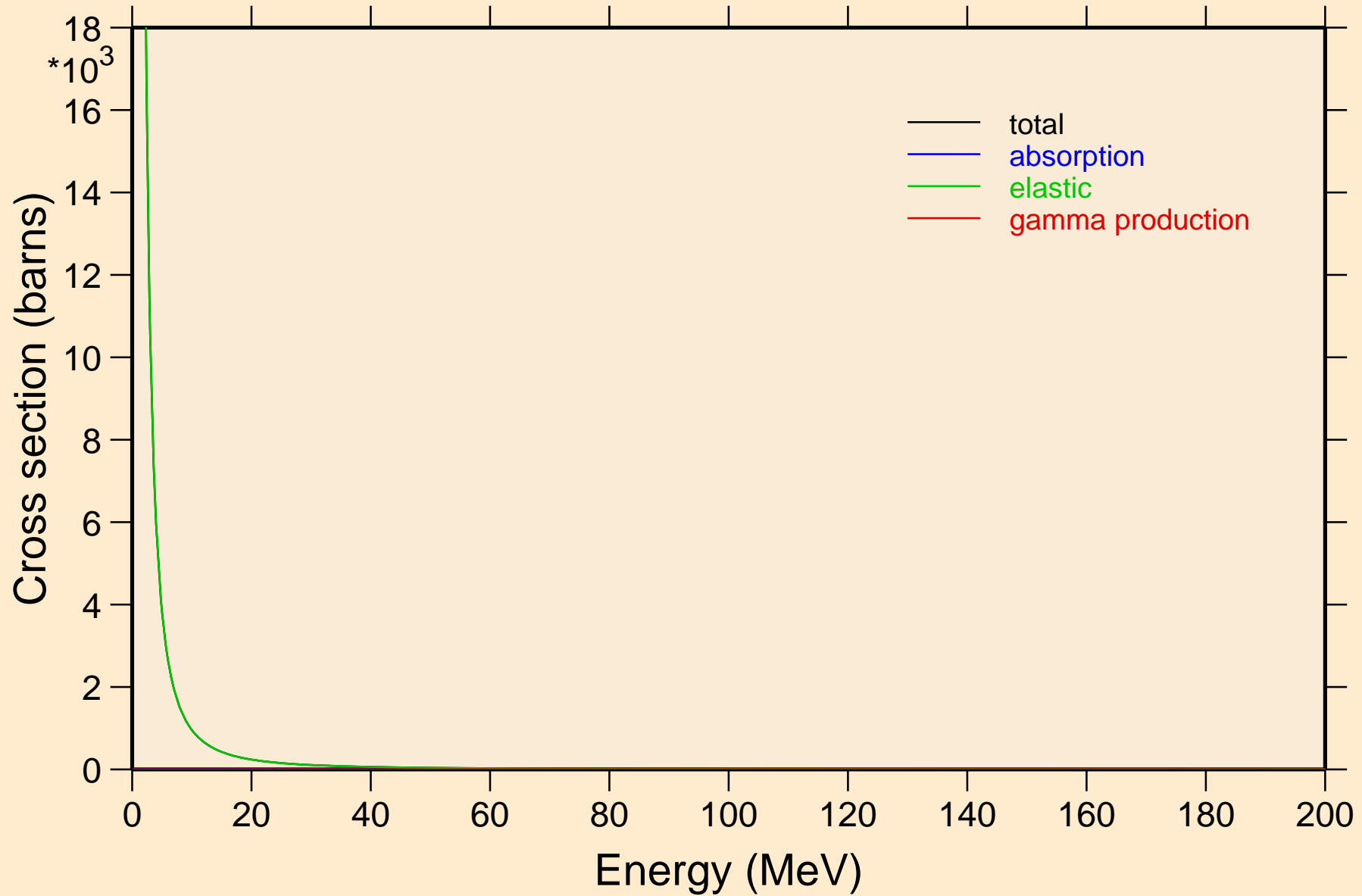
# PM130 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Heating



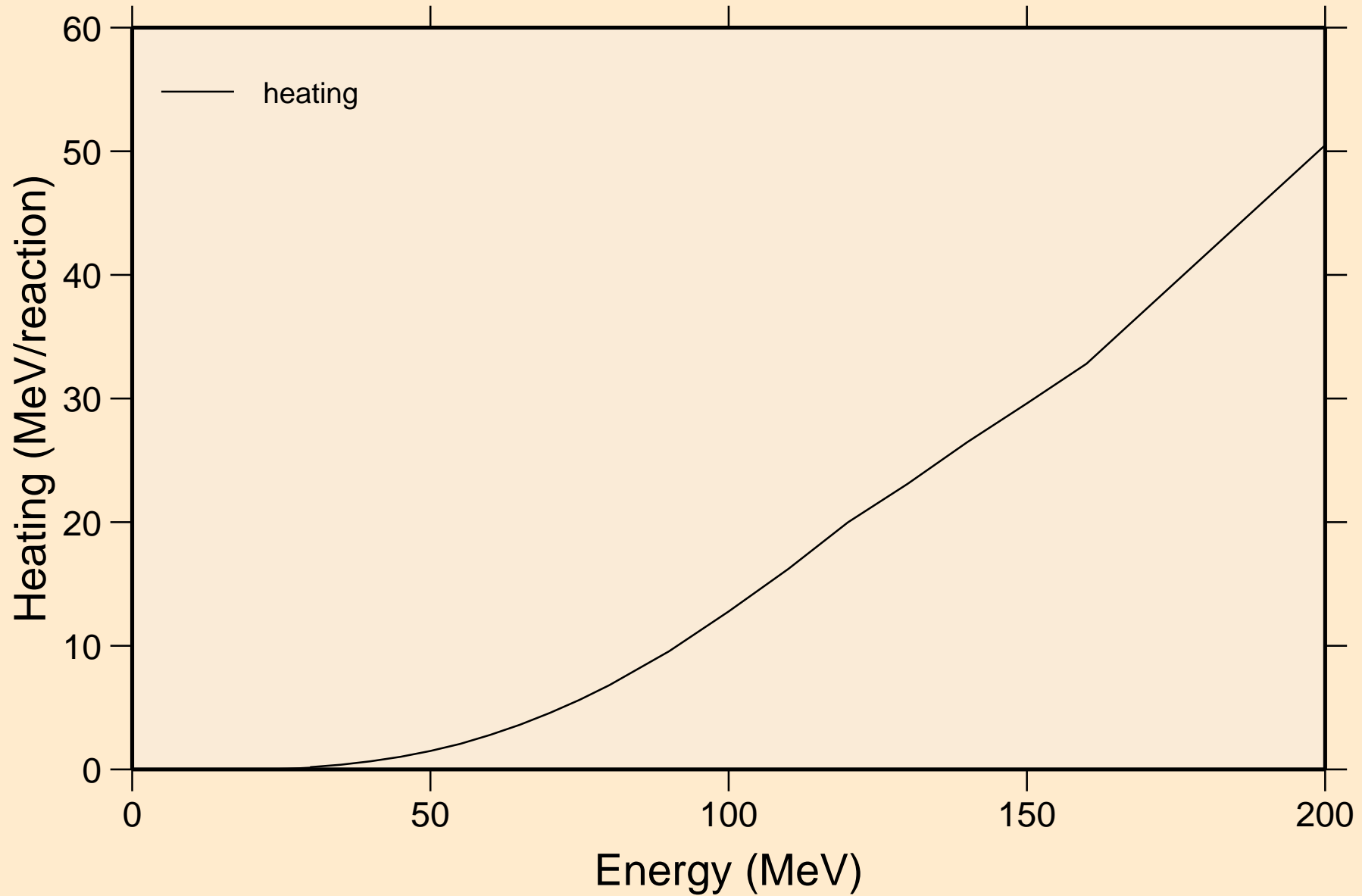
# PM130 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

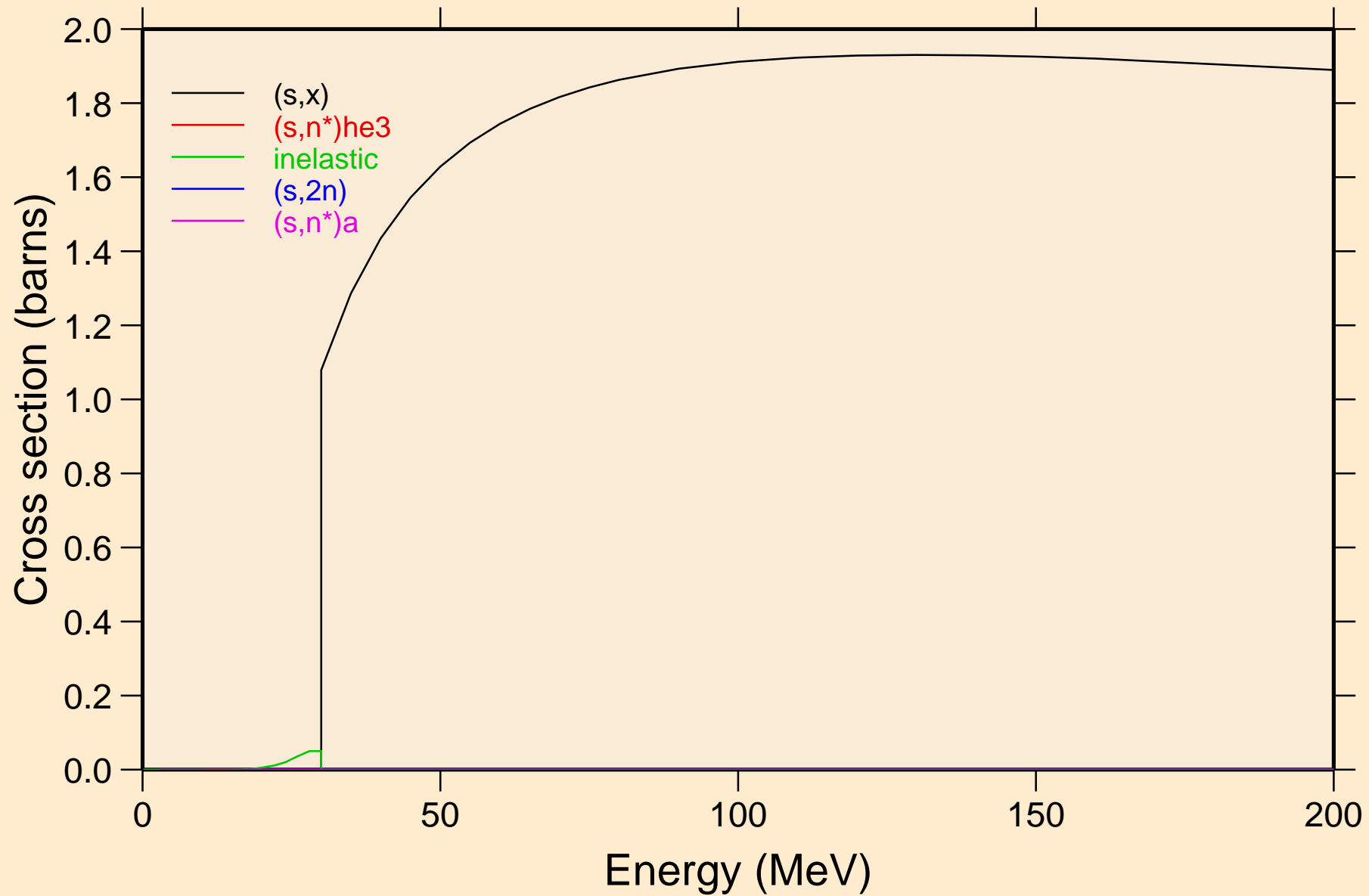


PM130 HELION ACER TENDL-2023 LIBRARY; T=0.K

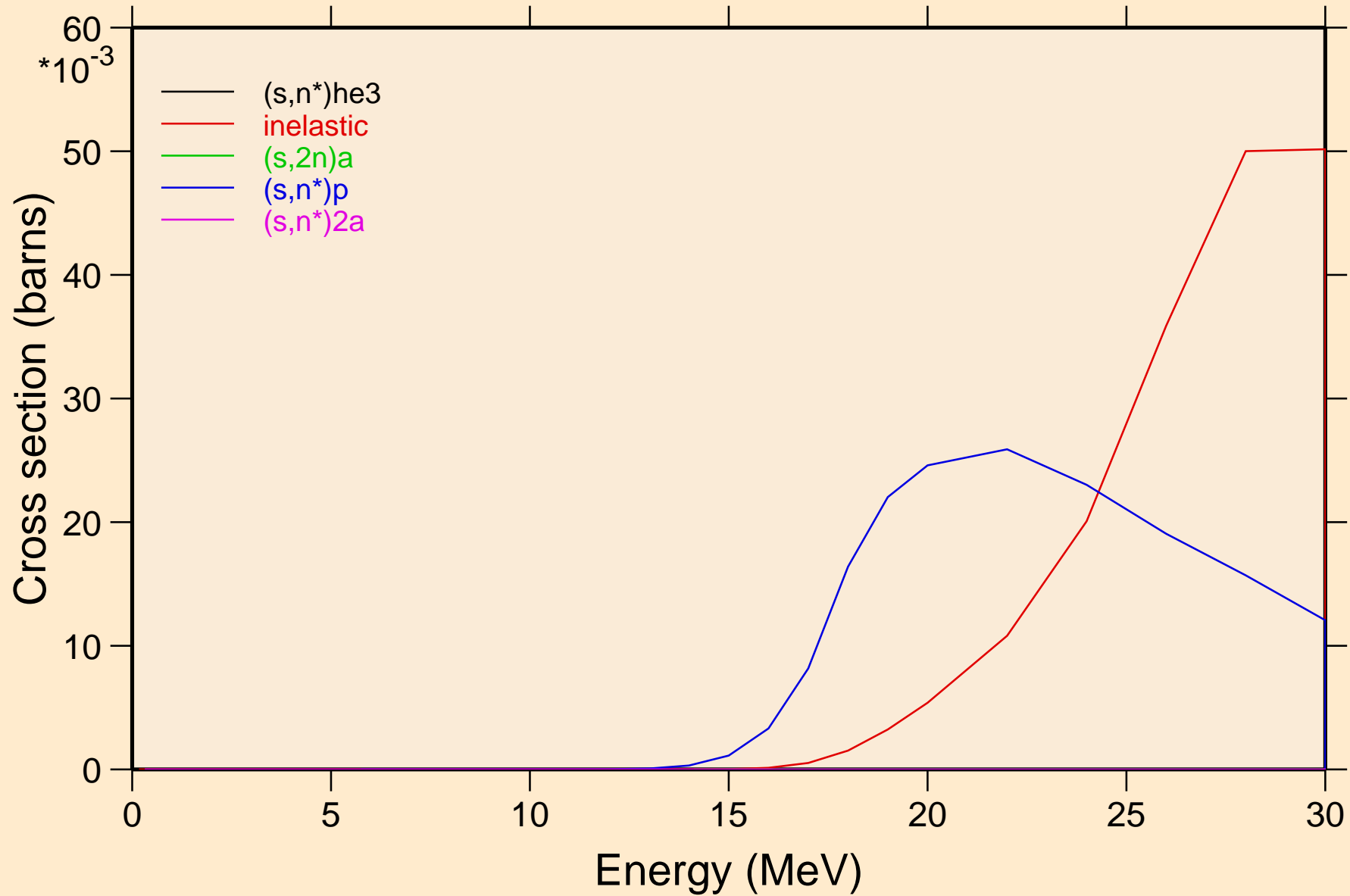
Heating



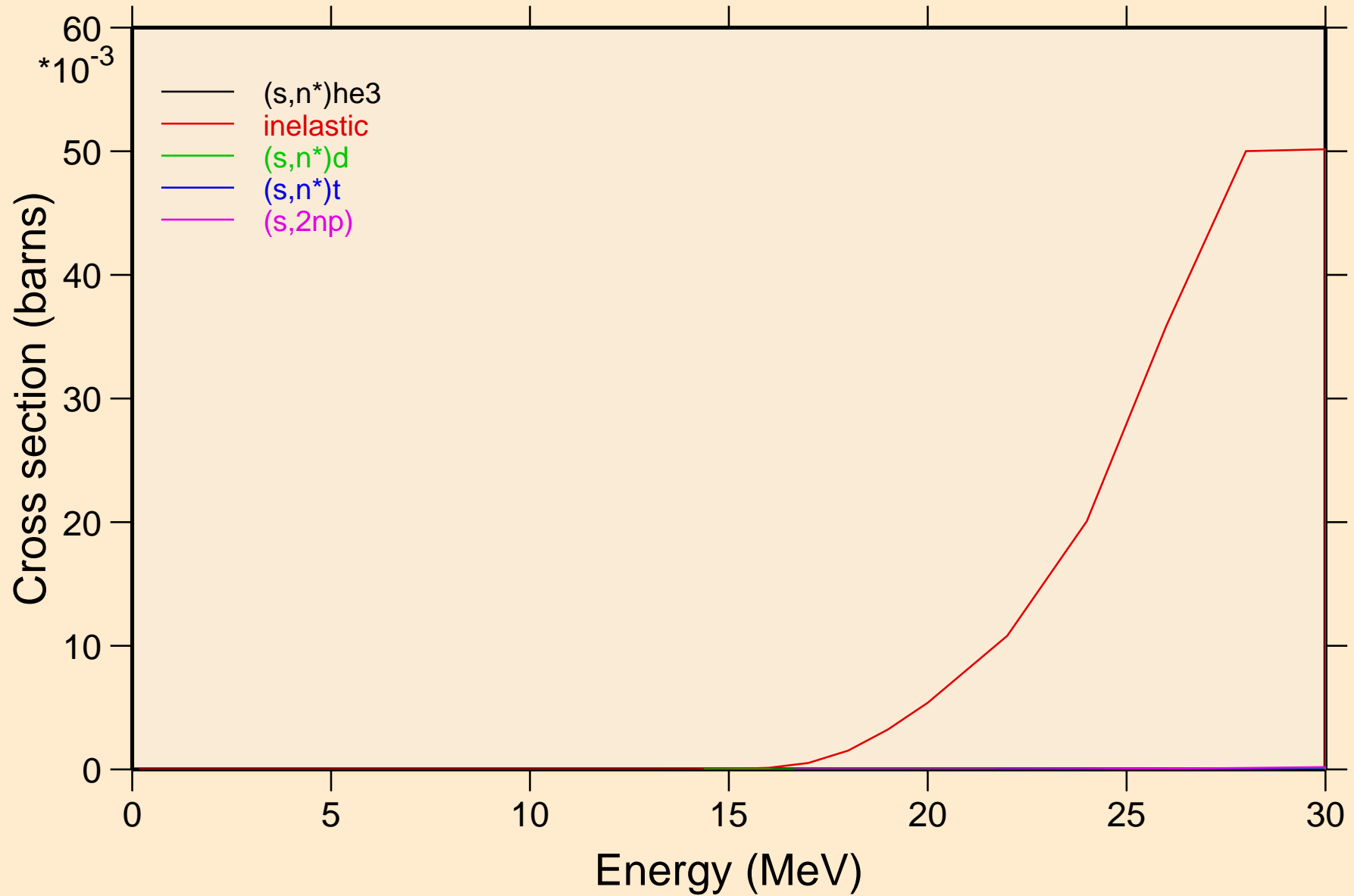
PM130 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



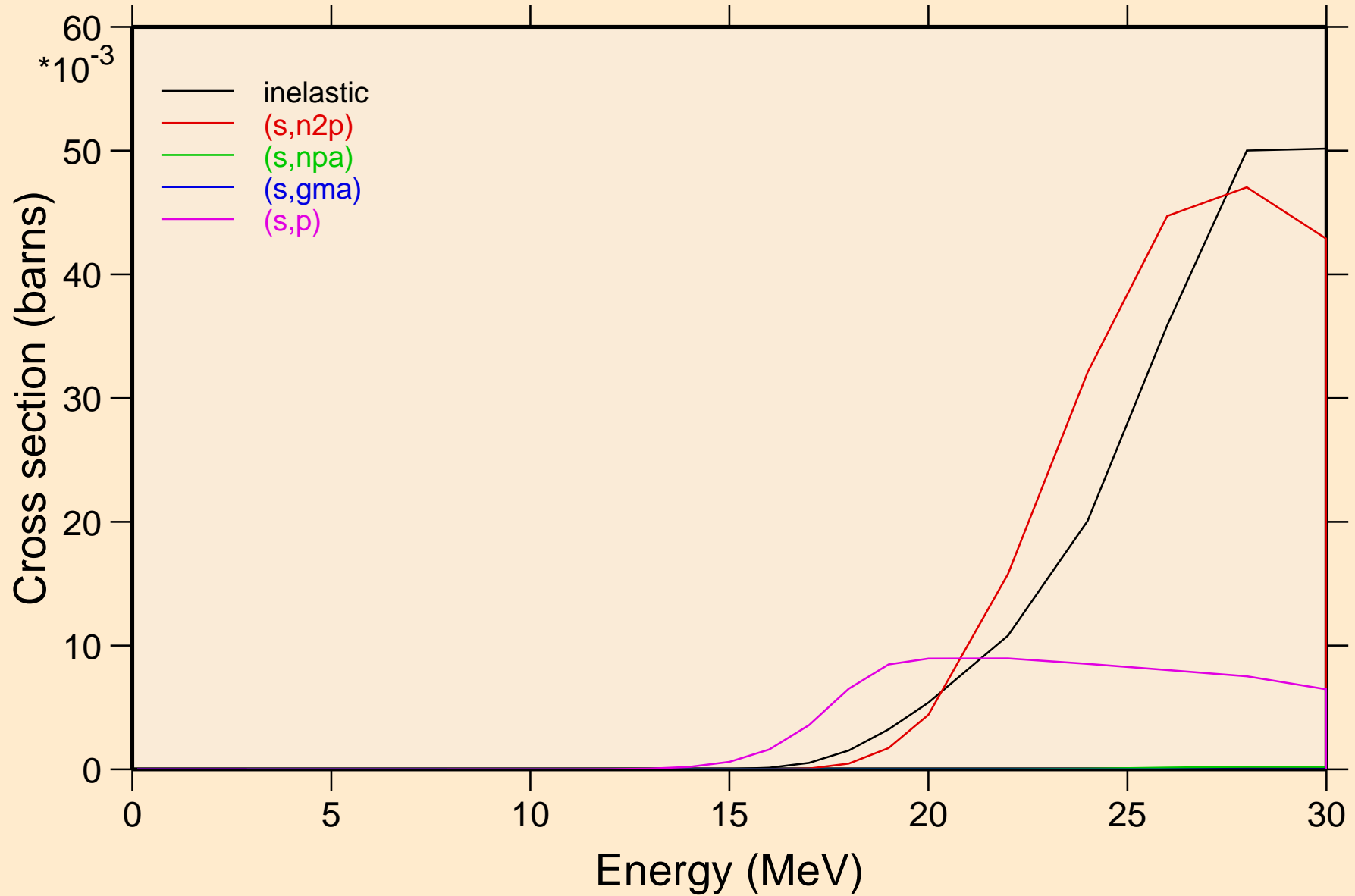
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Threshold reactions



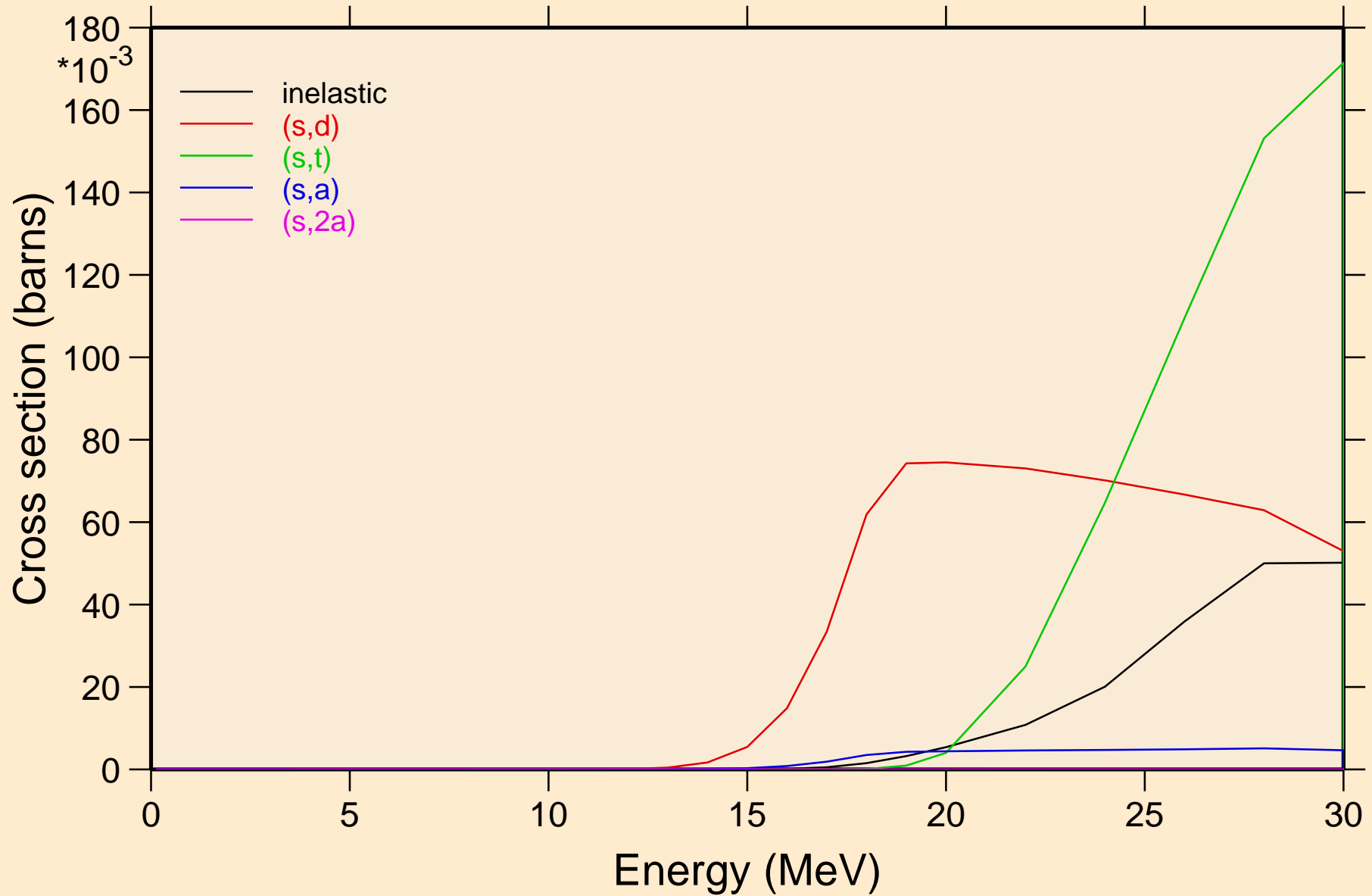
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Threshold reactions



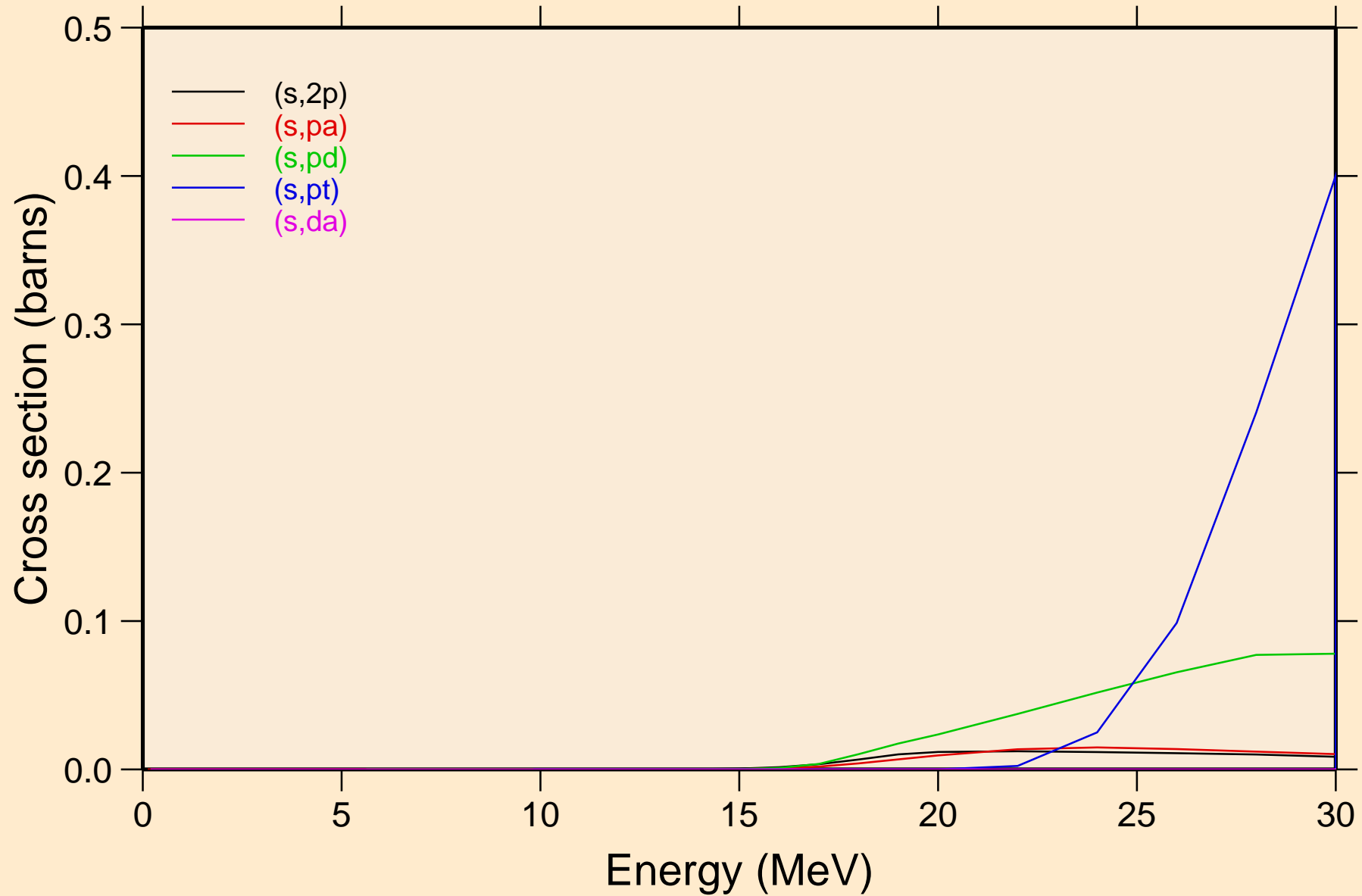
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Threshold reactions



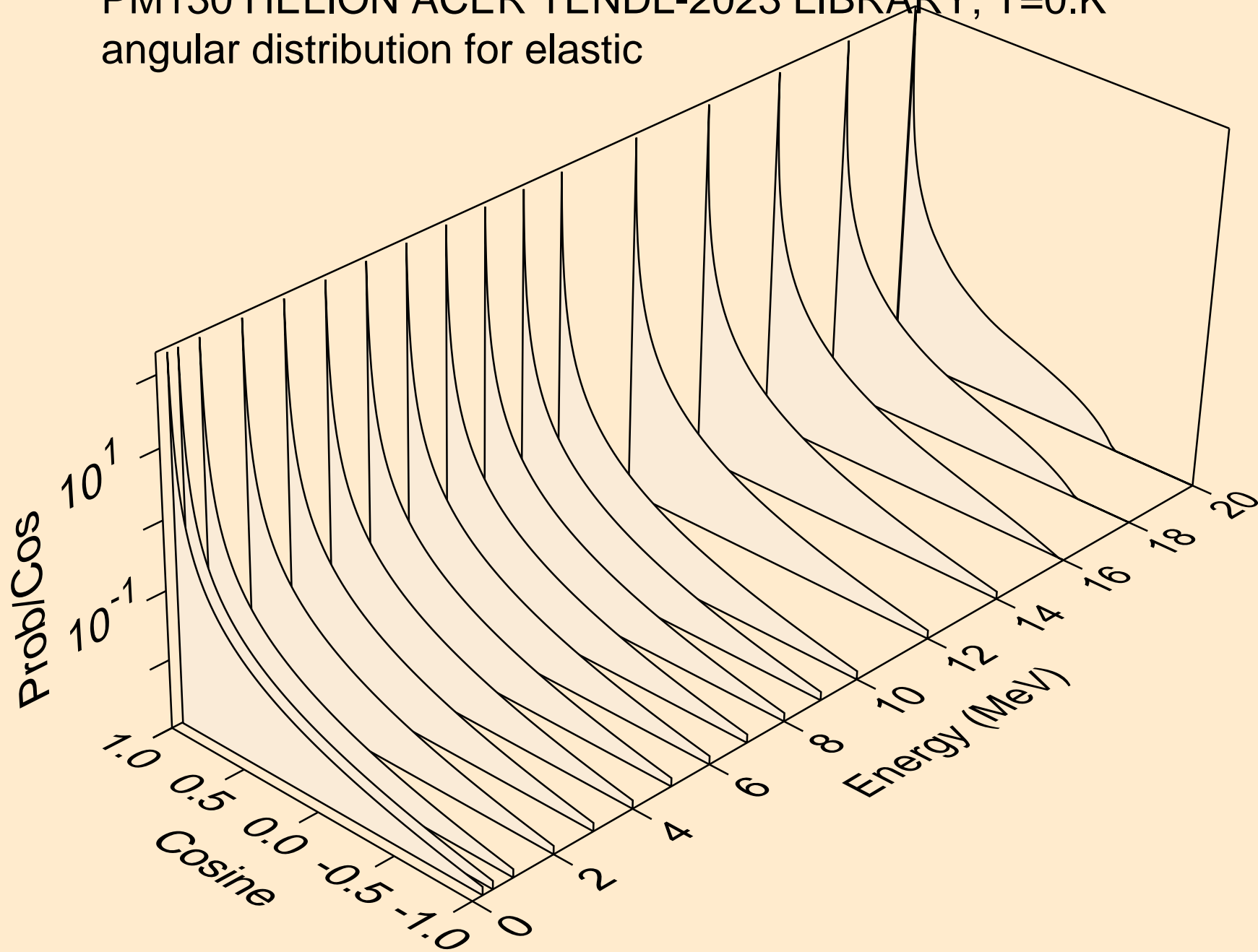
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Threshold reactions



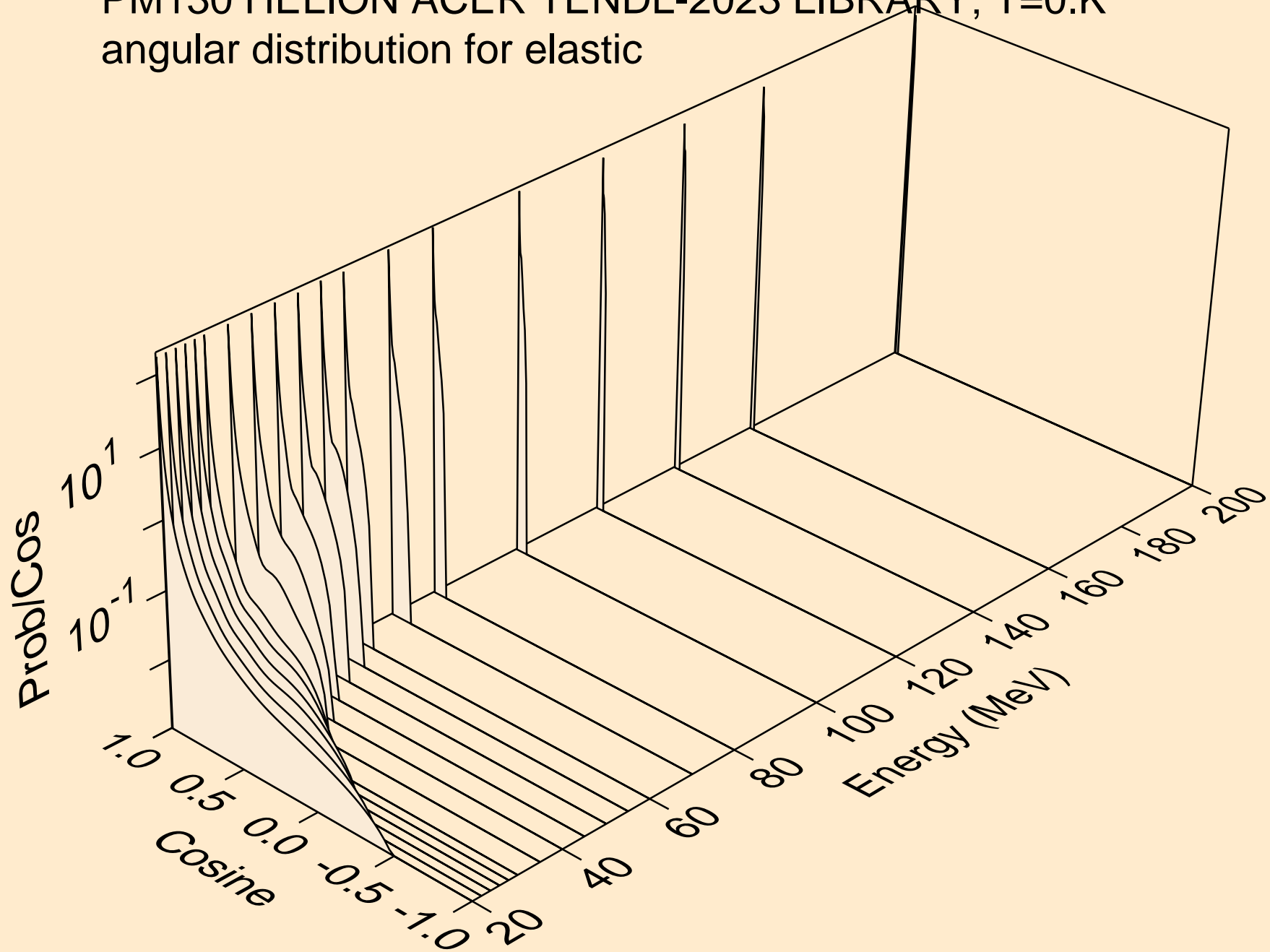
PM130 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



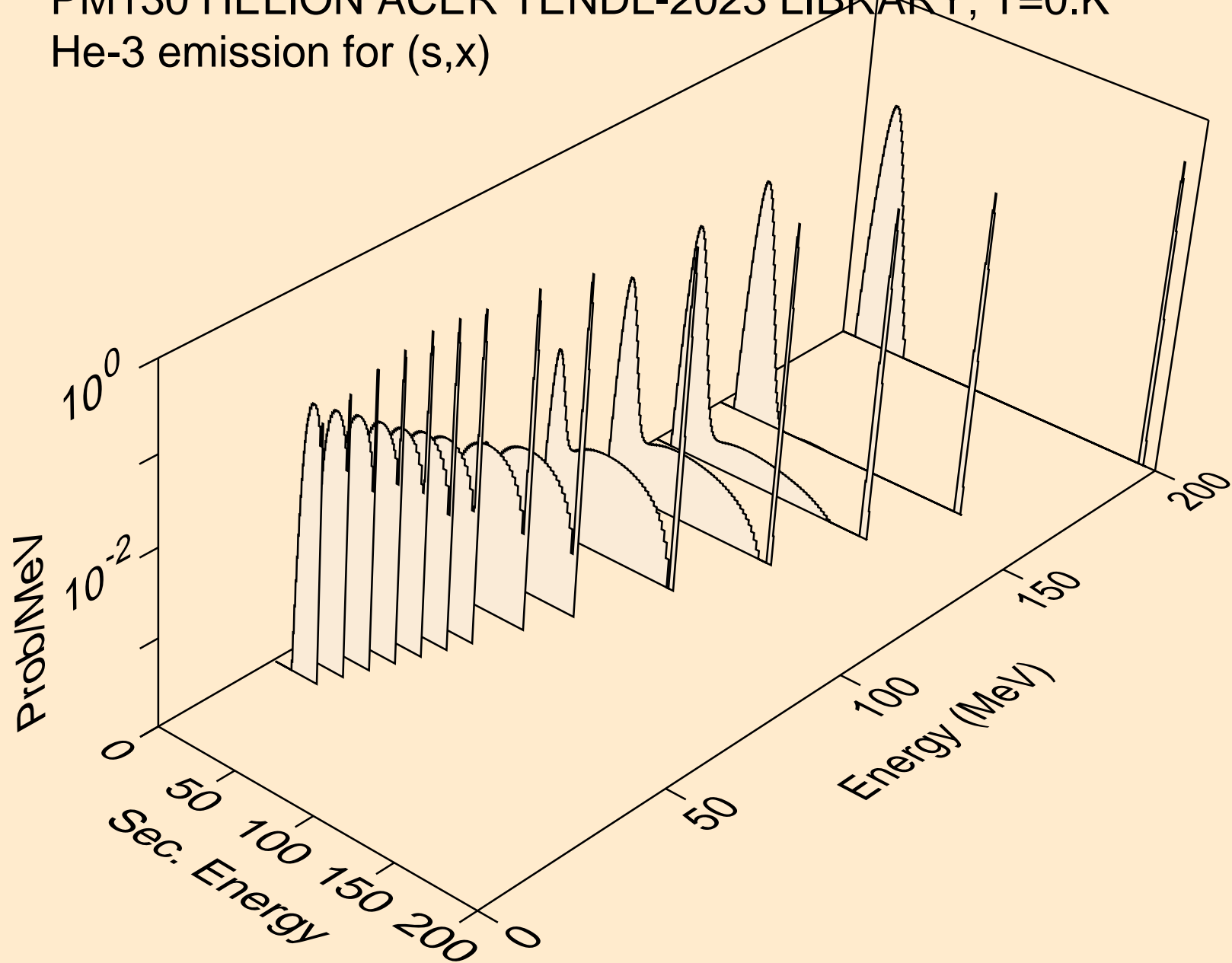
PM130 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



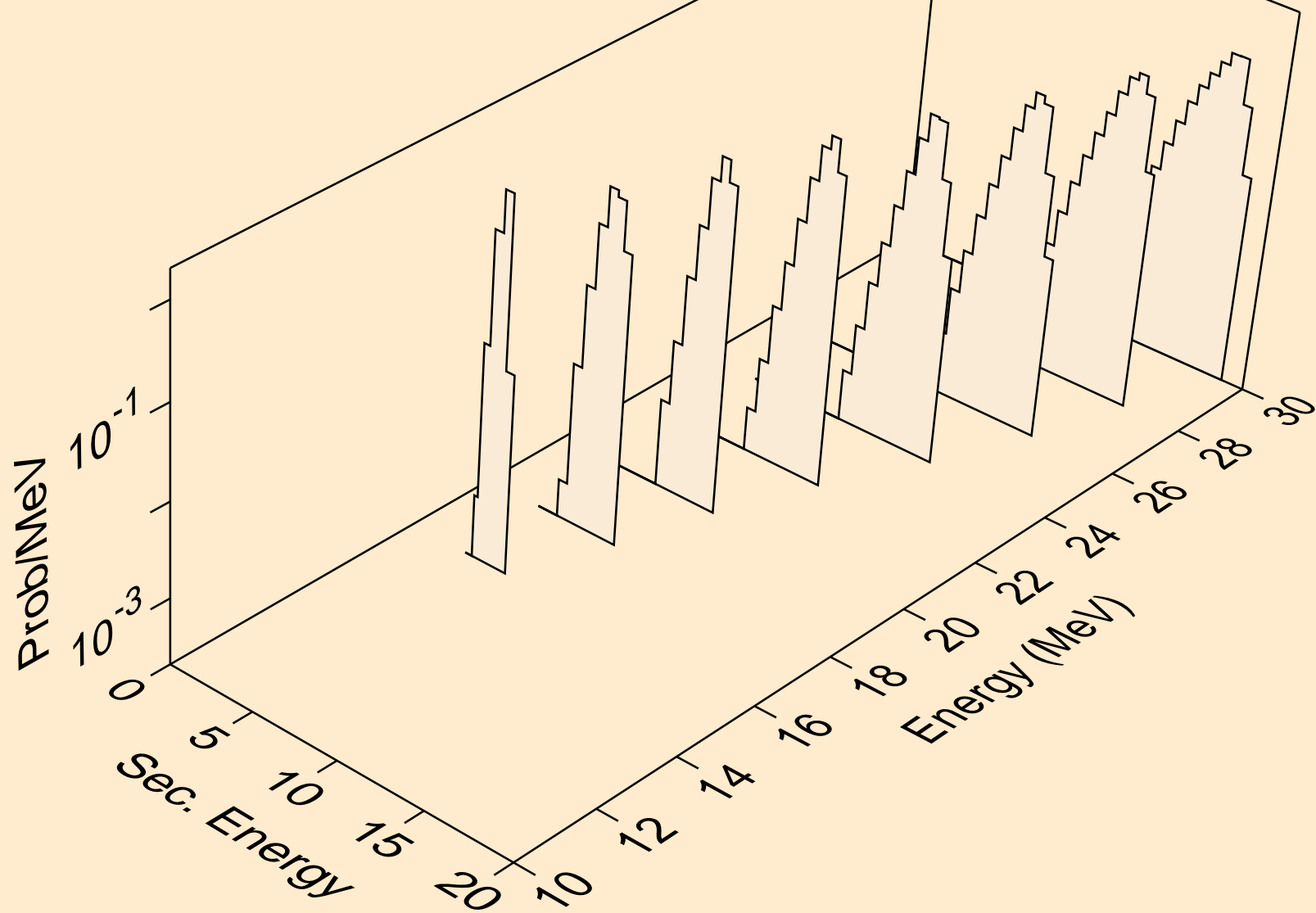
PM130 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



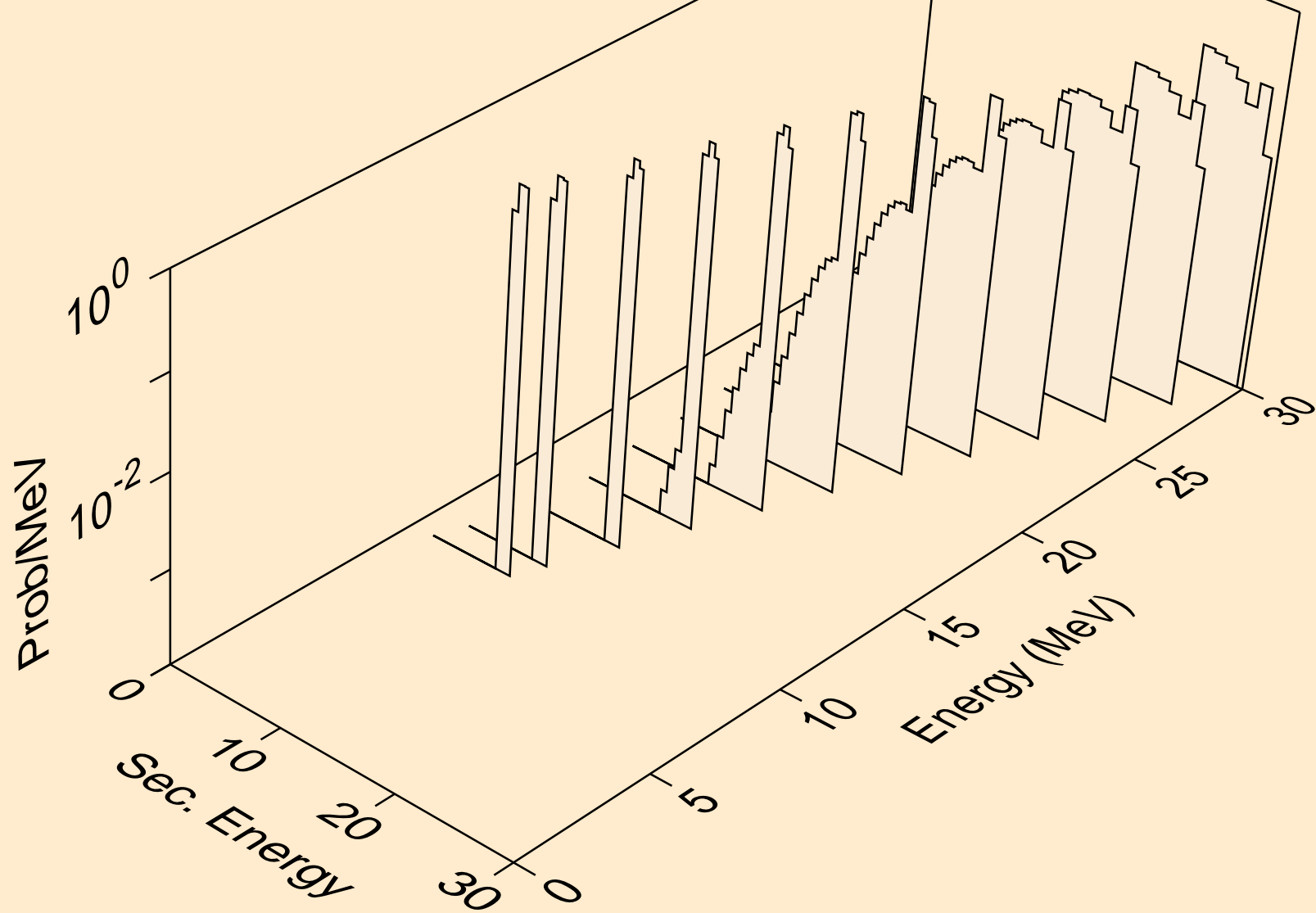
PM130 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,x)



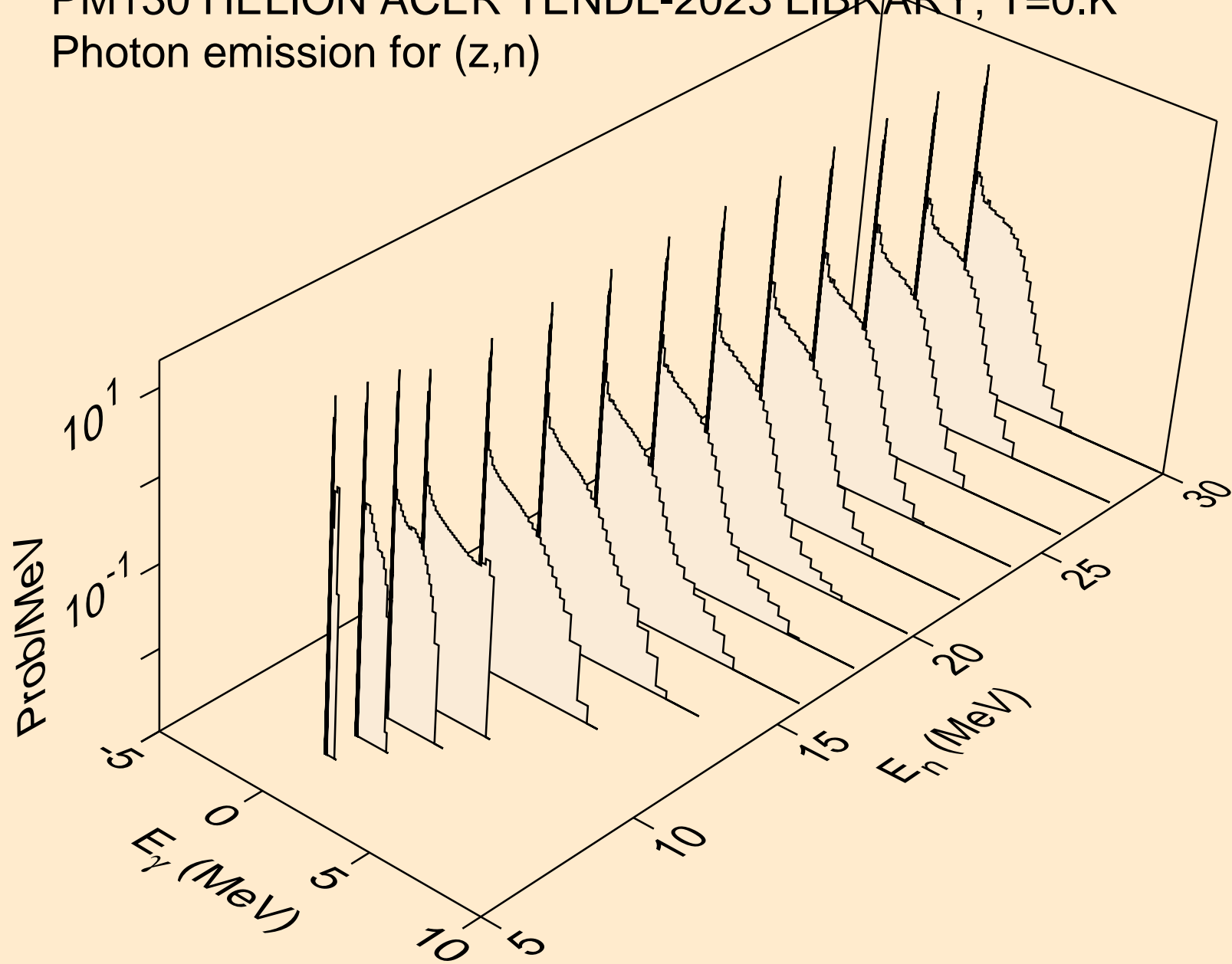
PM130 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3



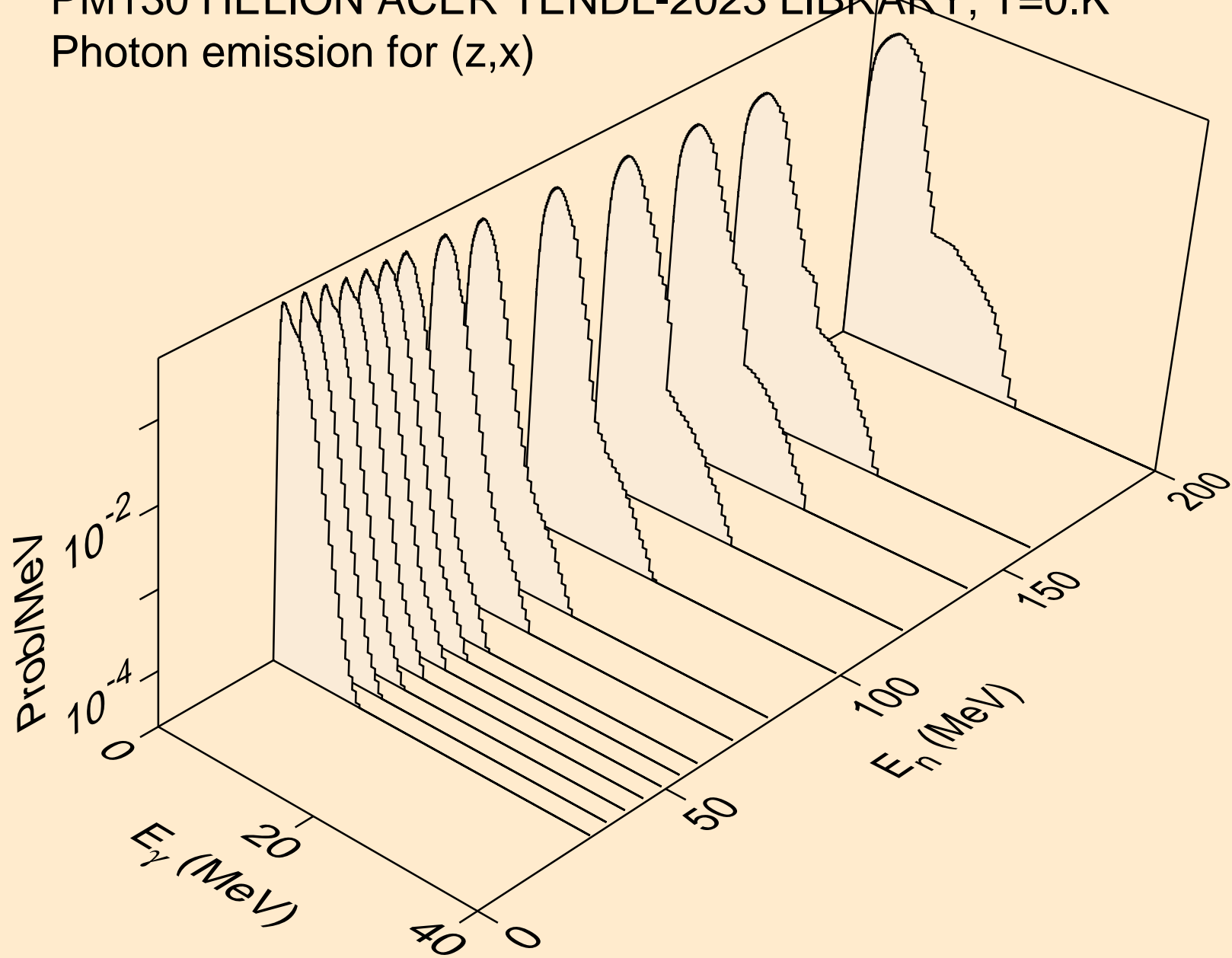
PM130 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for inelastic



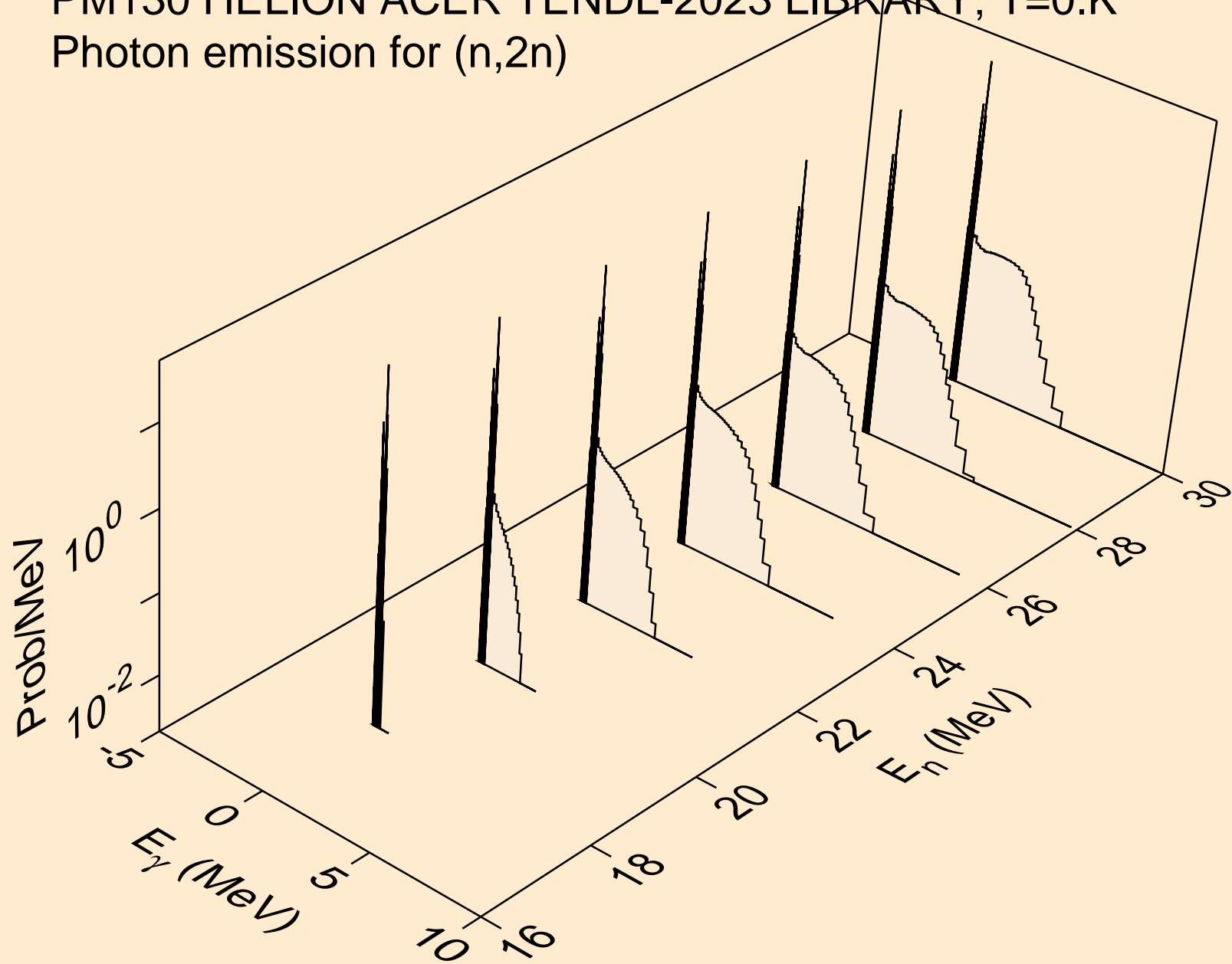
PM130 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



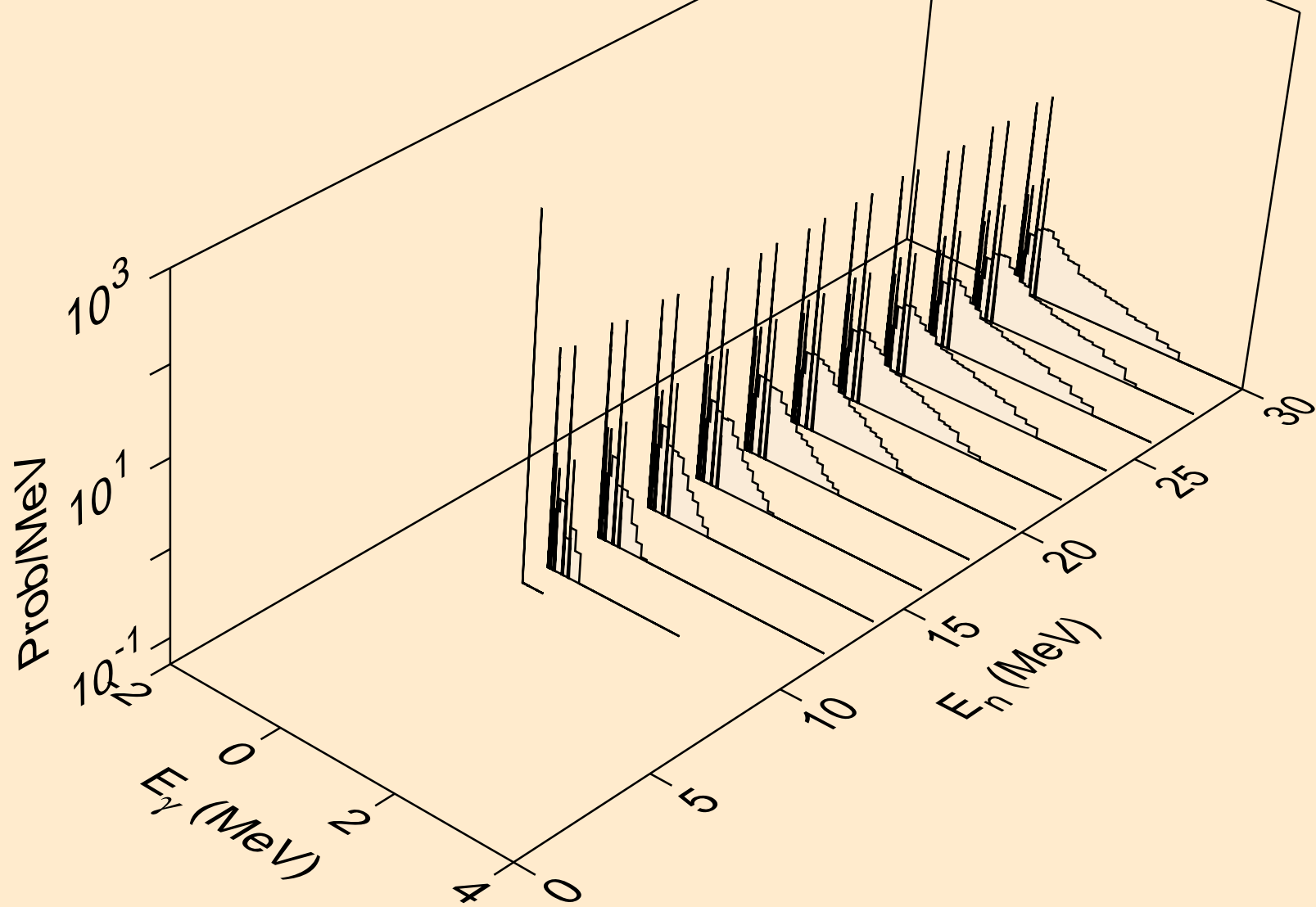
PM130 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



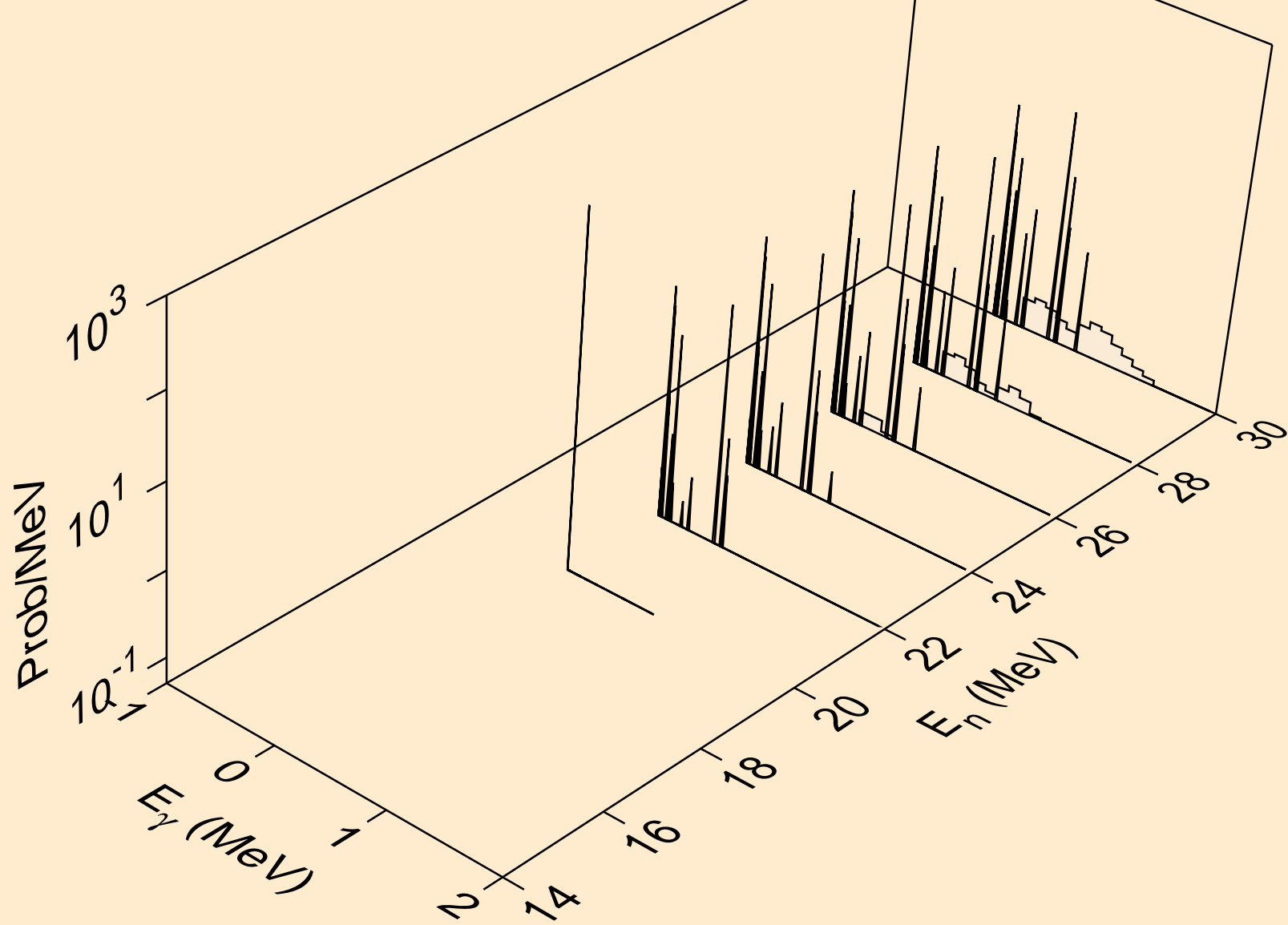
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Photon emission for (n,2n)



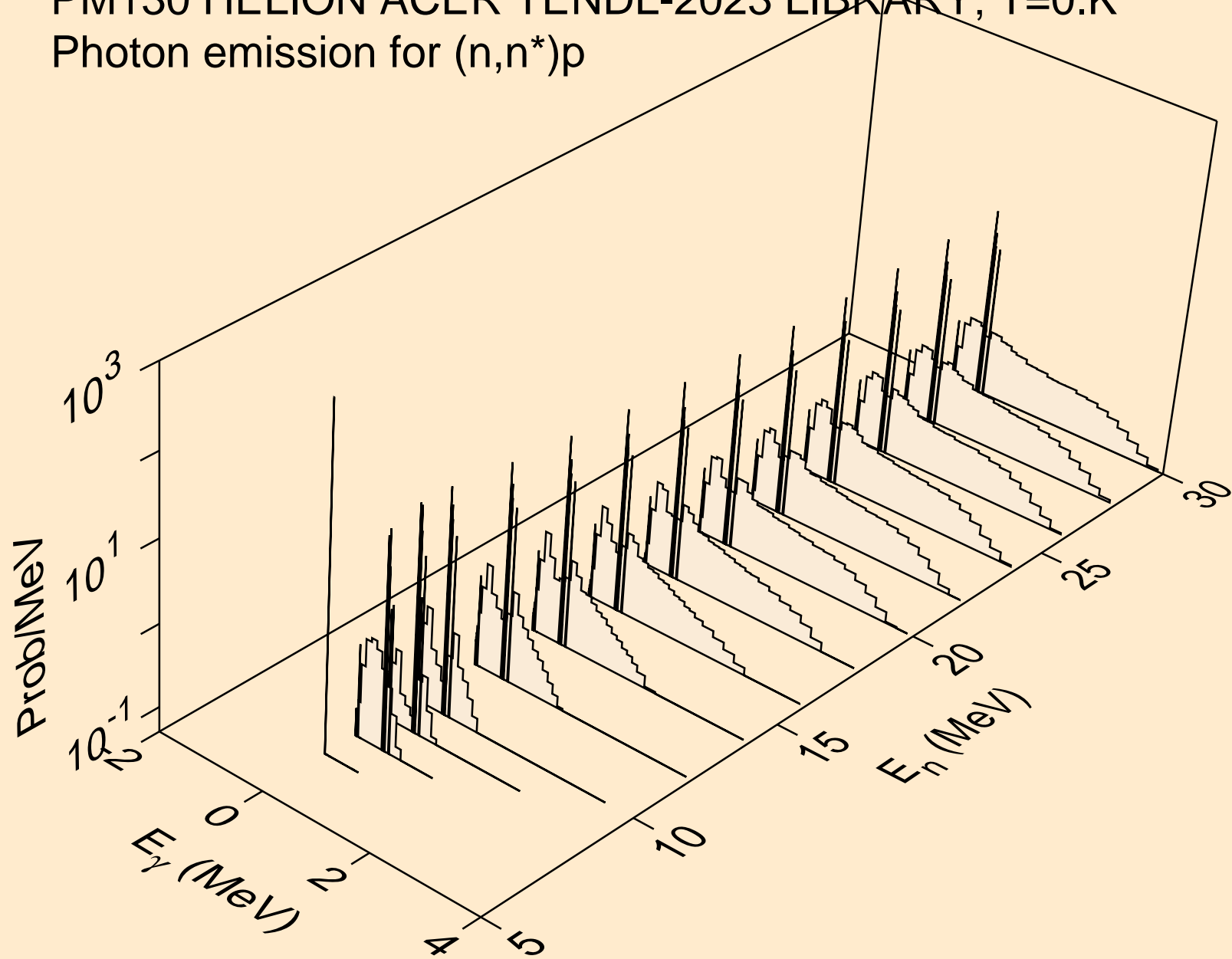
PM130 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



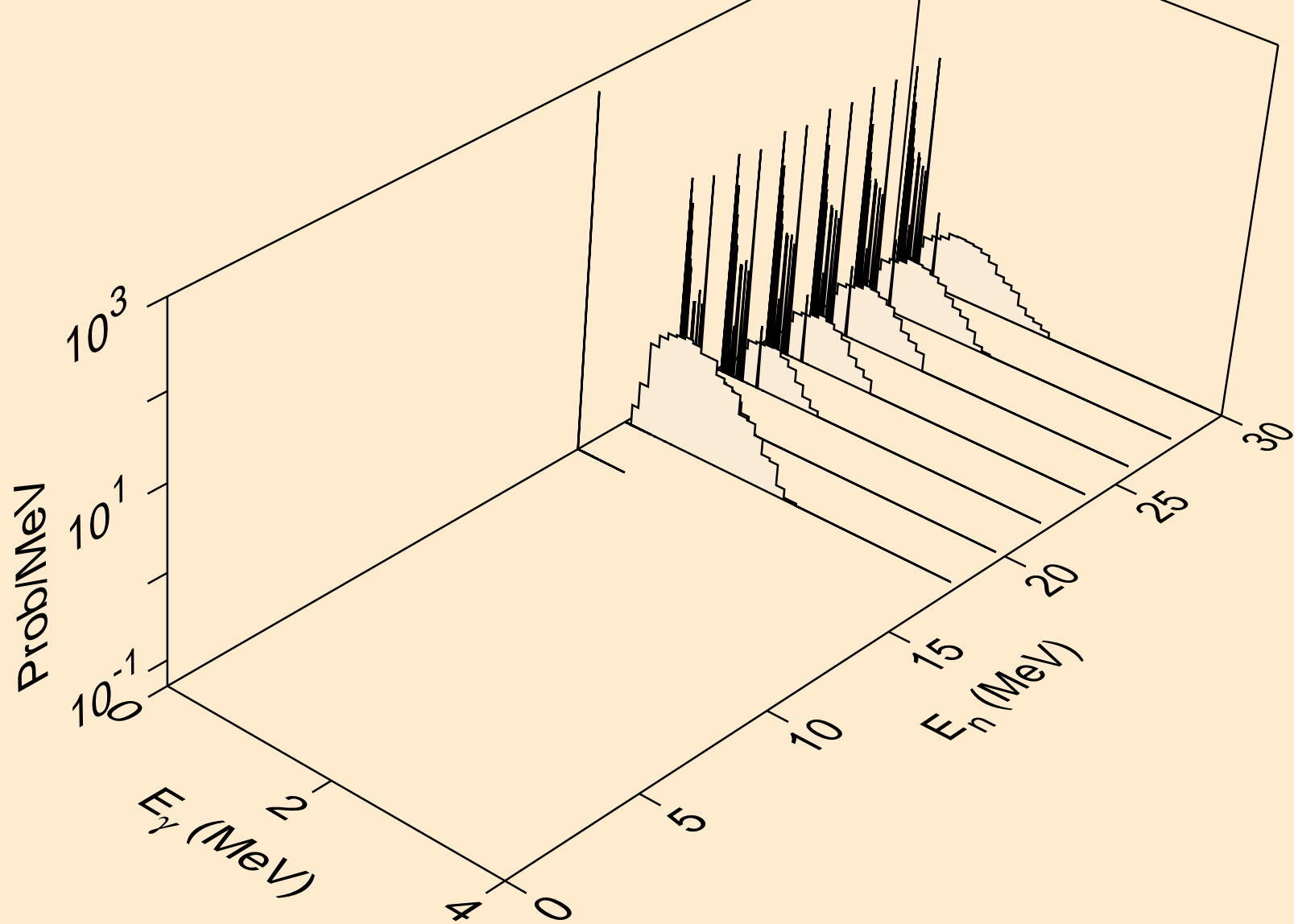
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Photon emission for (n,2n)a



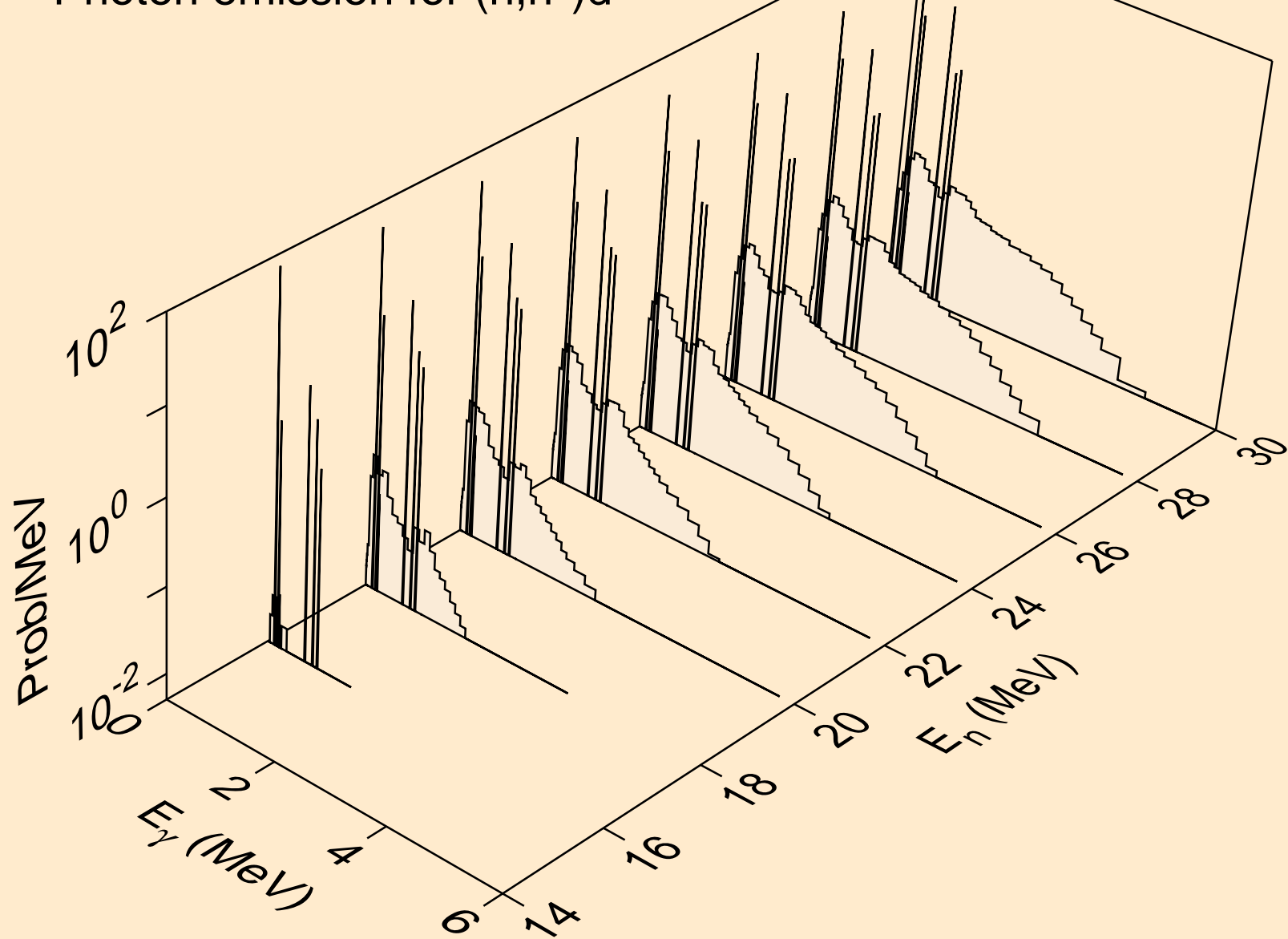
PM130 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



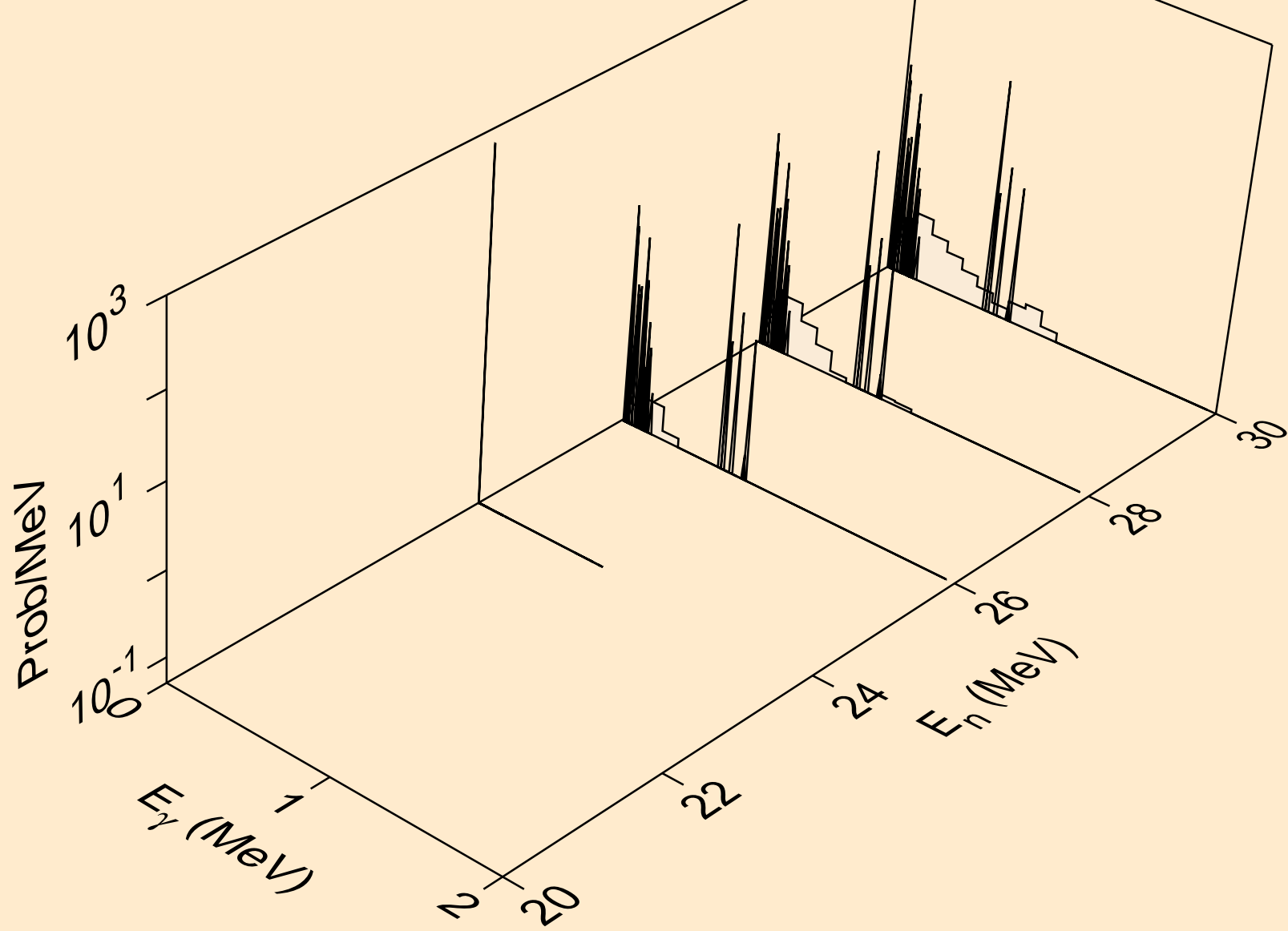
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Photon emission for (n,n\*)2a



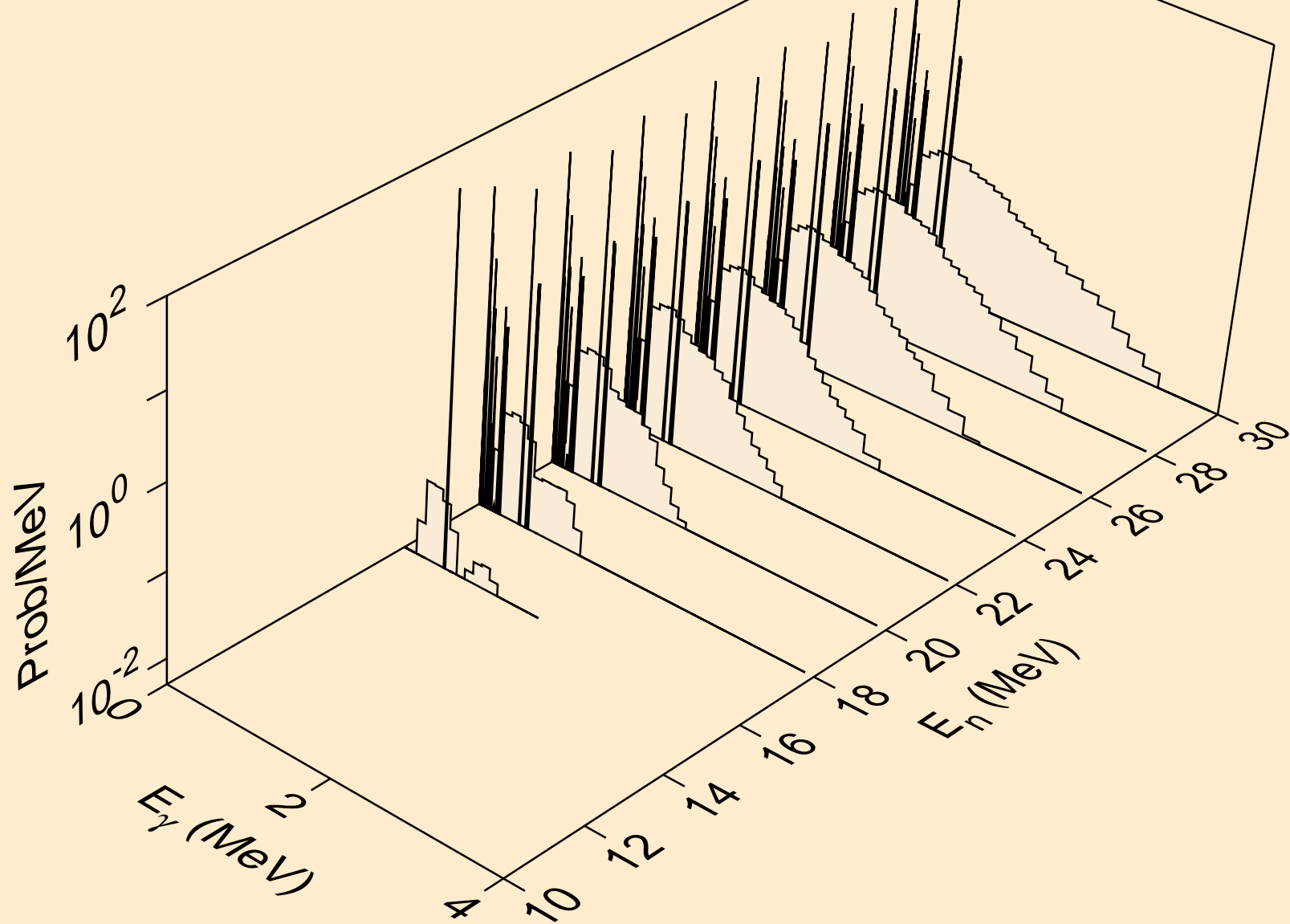
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Photon emission for (n,n\*)d



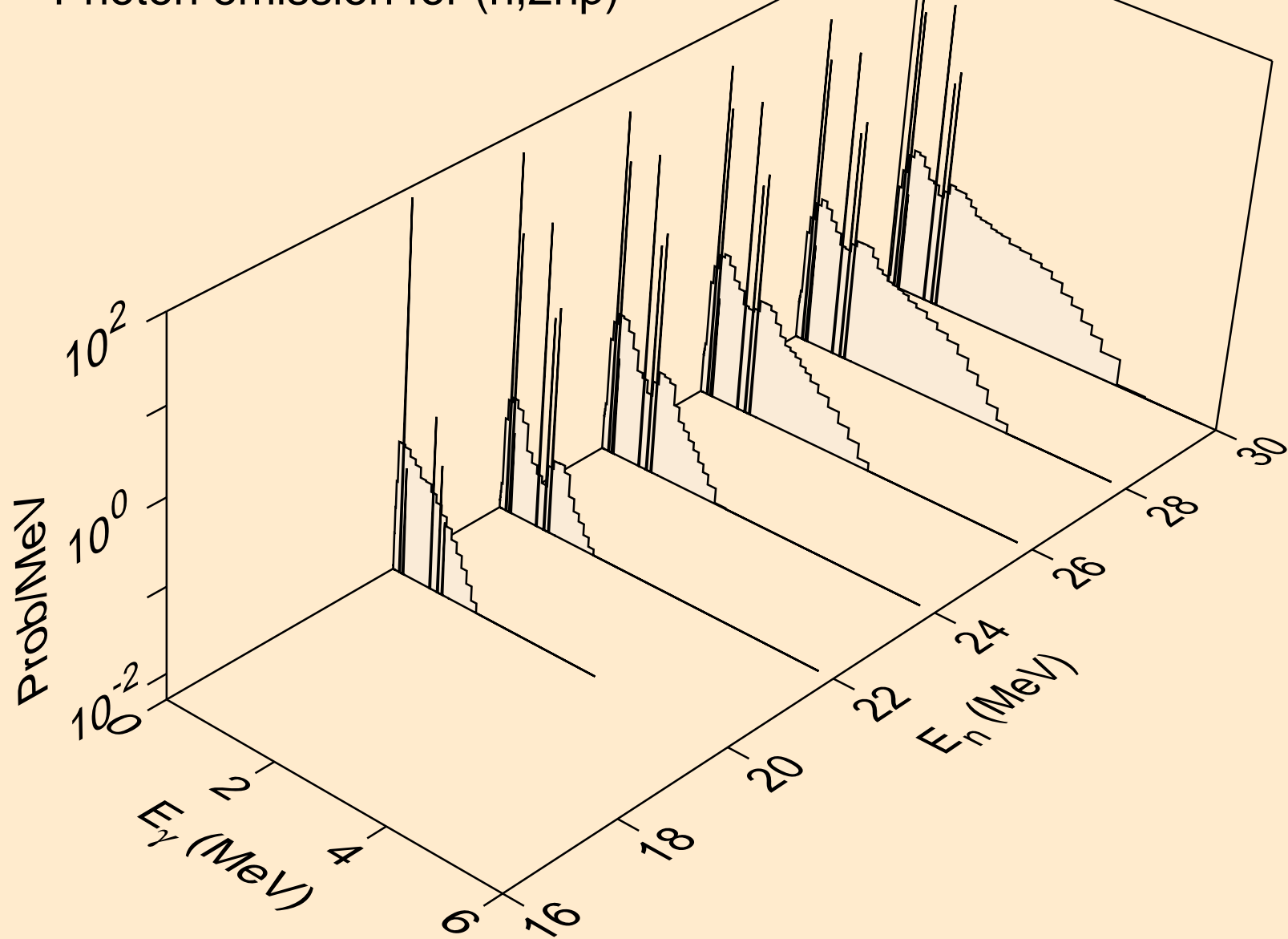
PM130 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



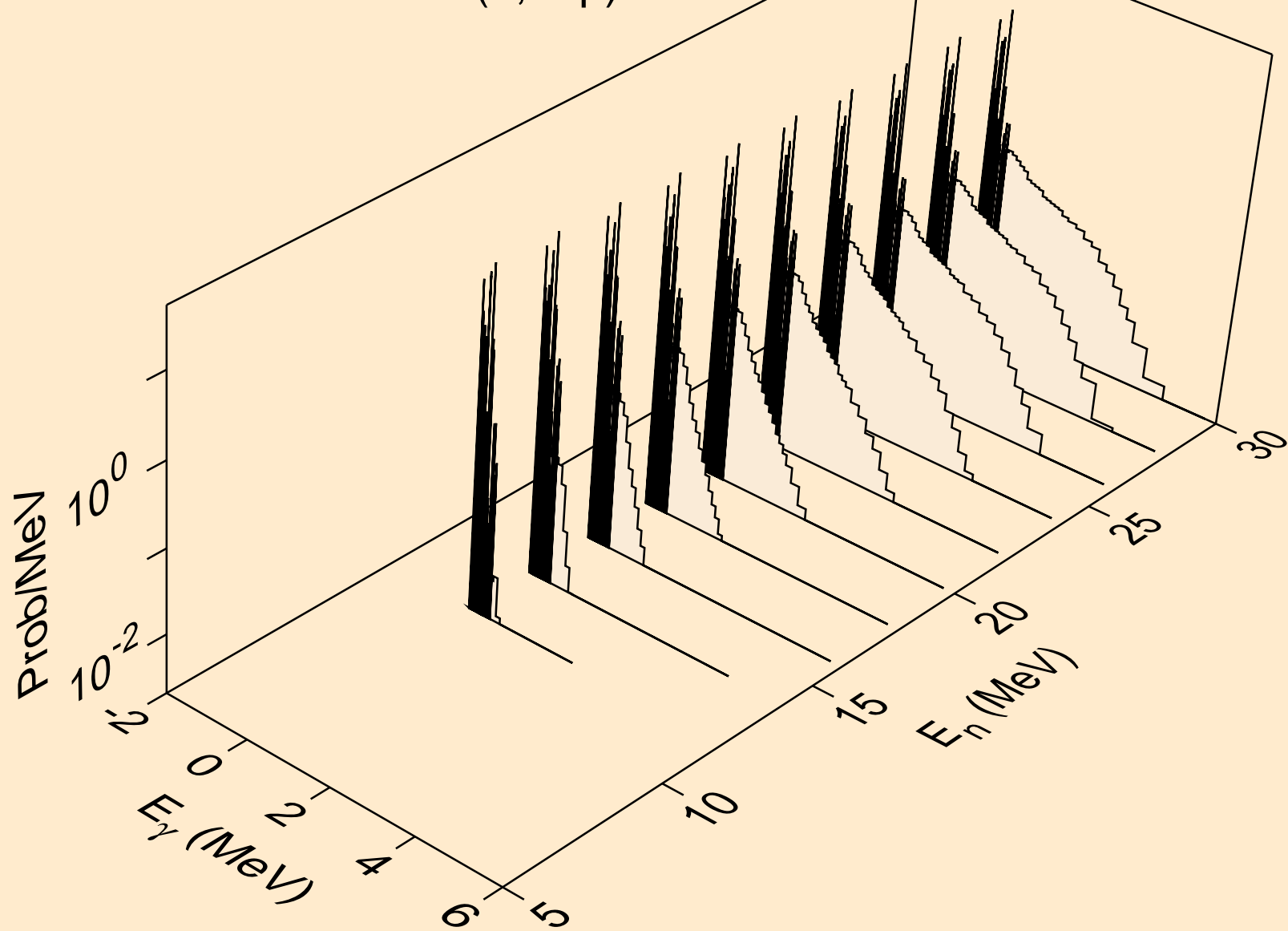
PM130 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



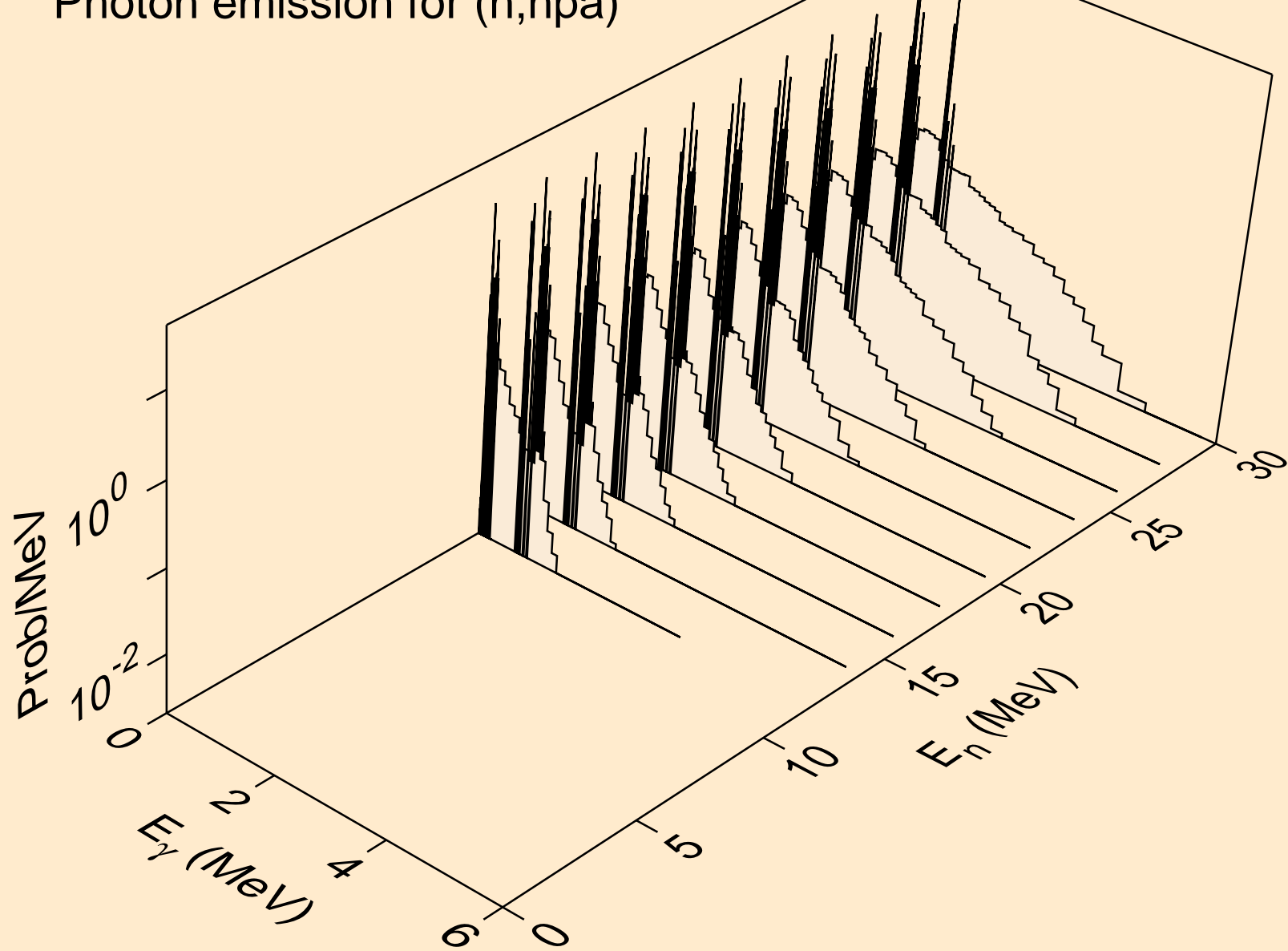
PM130 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



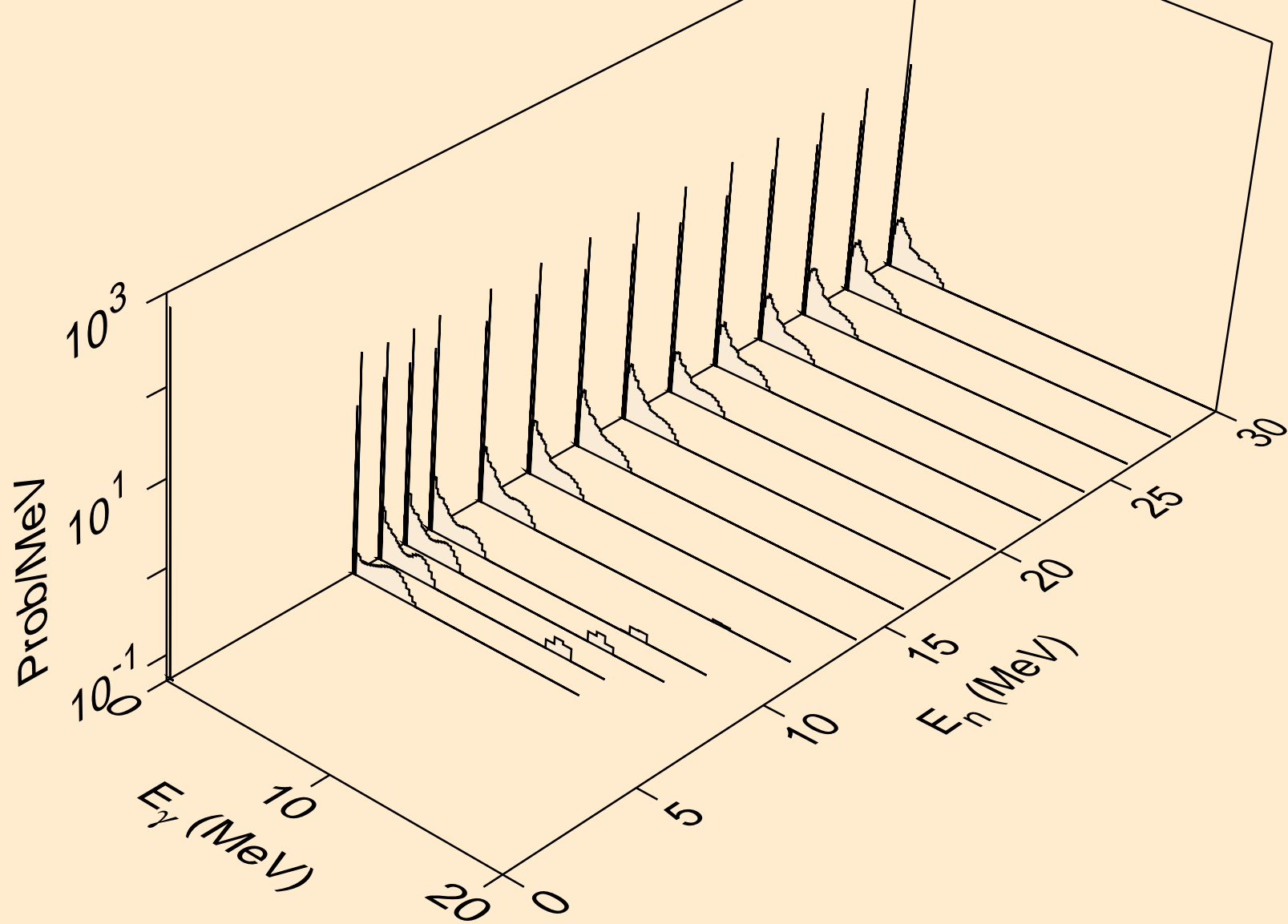
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Photon emission for (n,n2p)



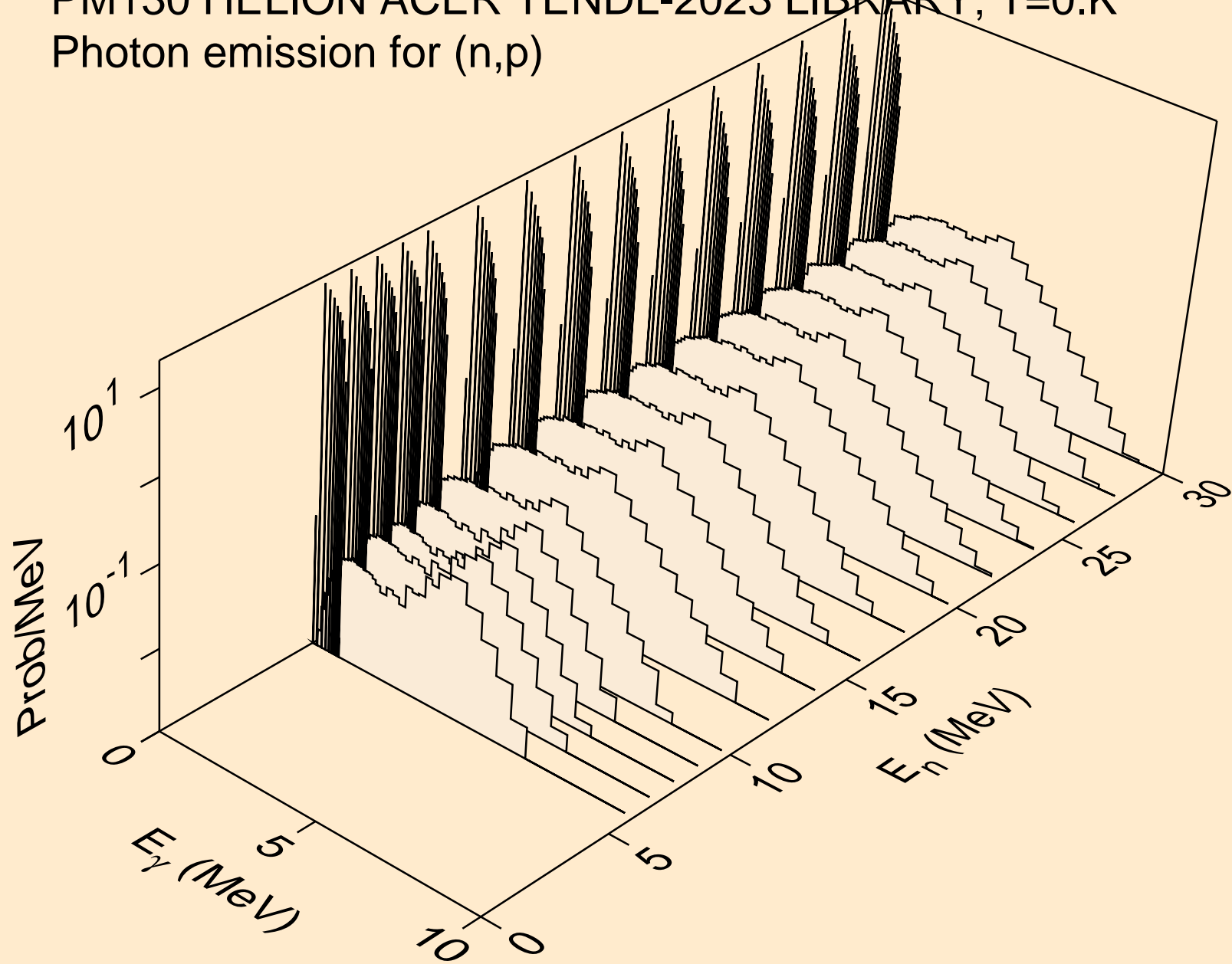
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Photon emission for (n,npa)



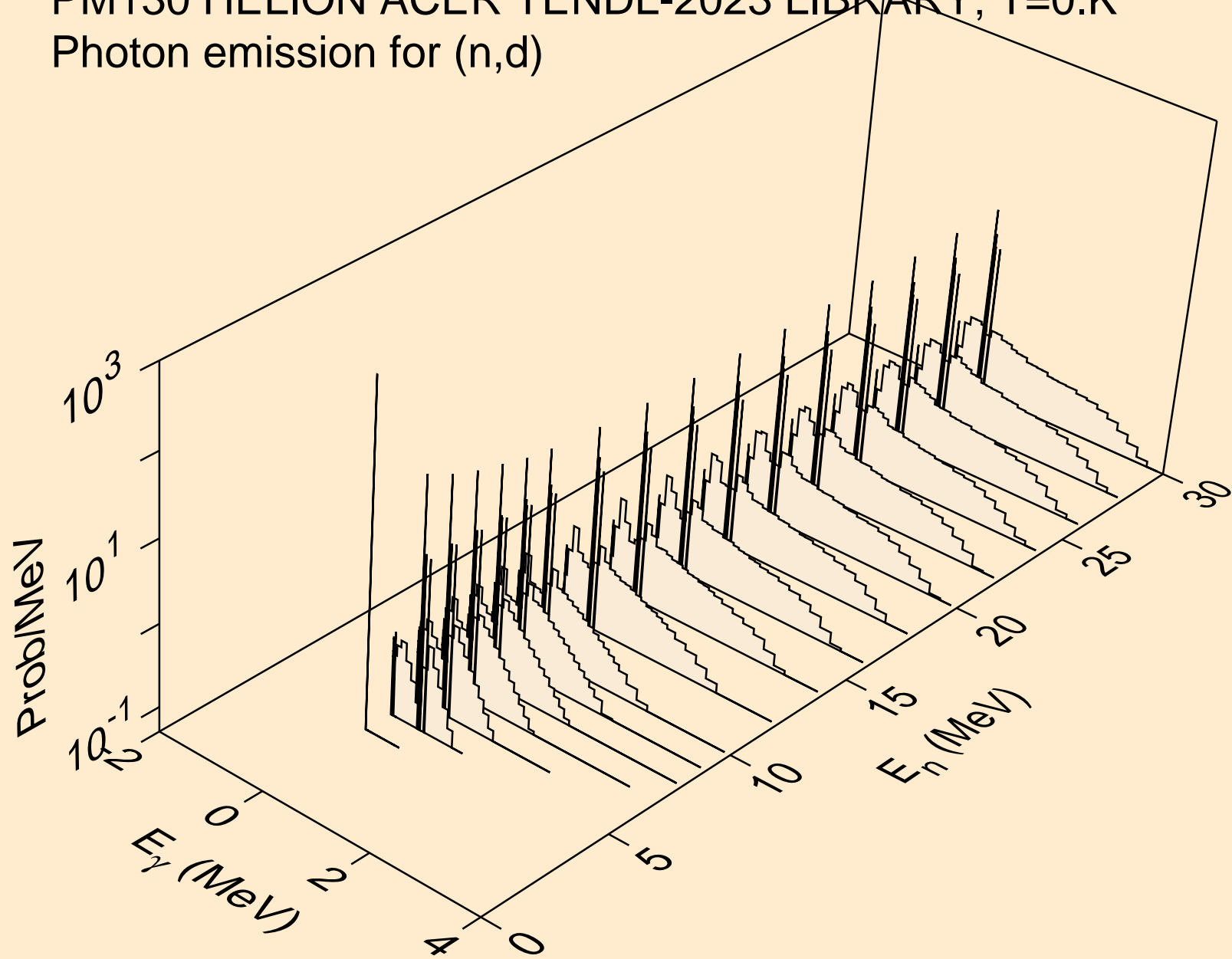
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Photon emission for (n,gma)



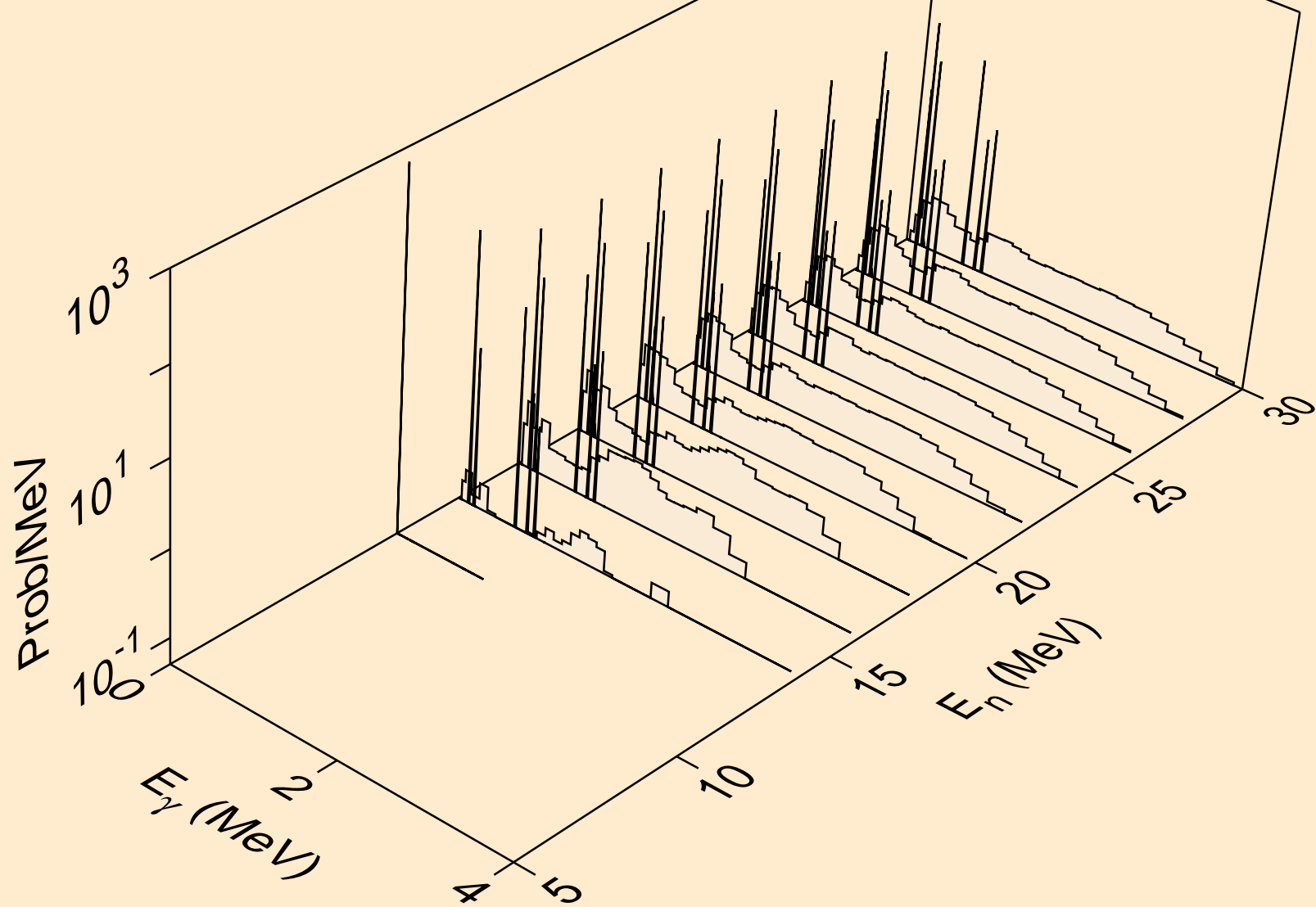
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Photon emission for (n,p)



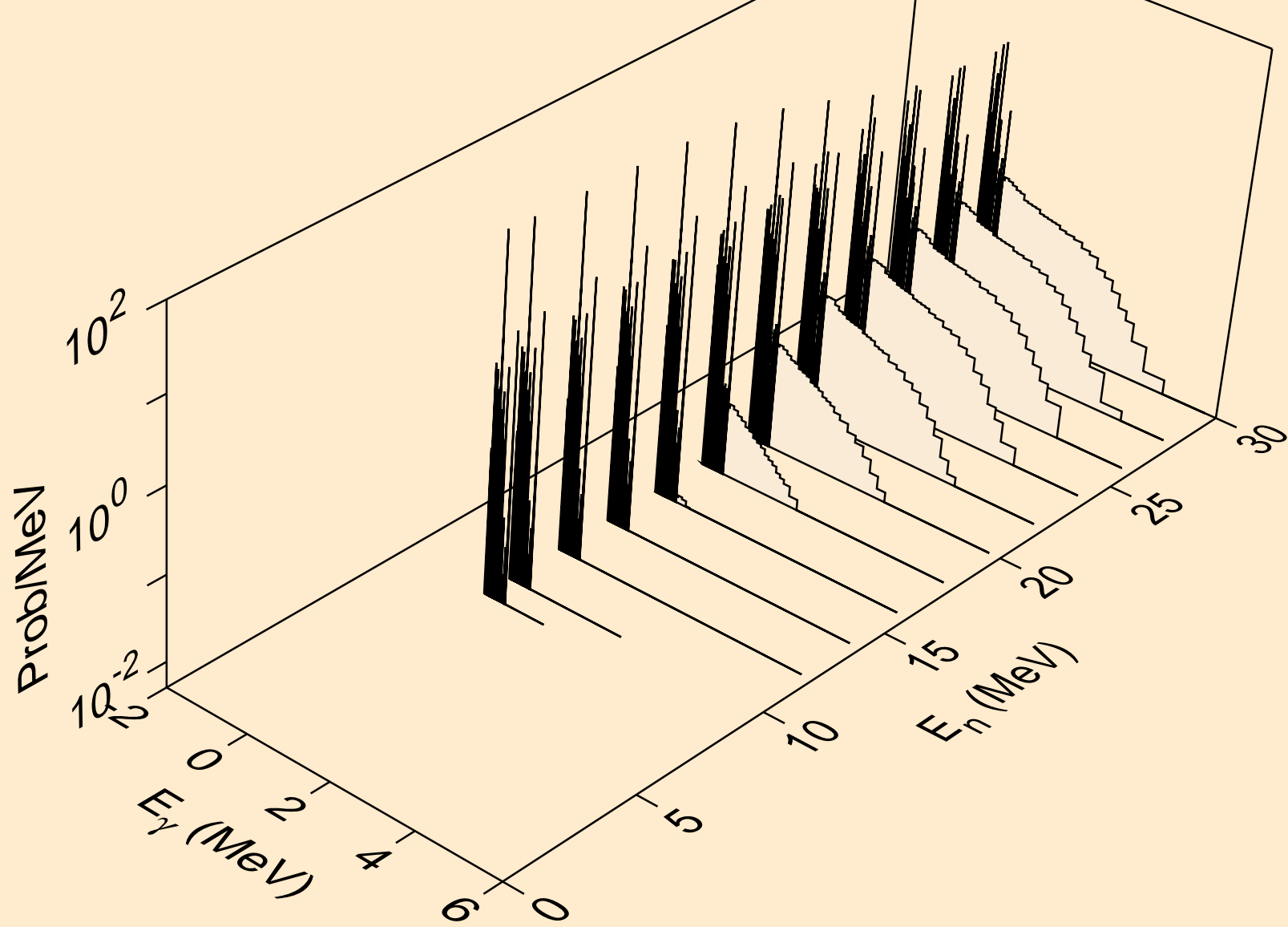
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Photon emission for (n,d)



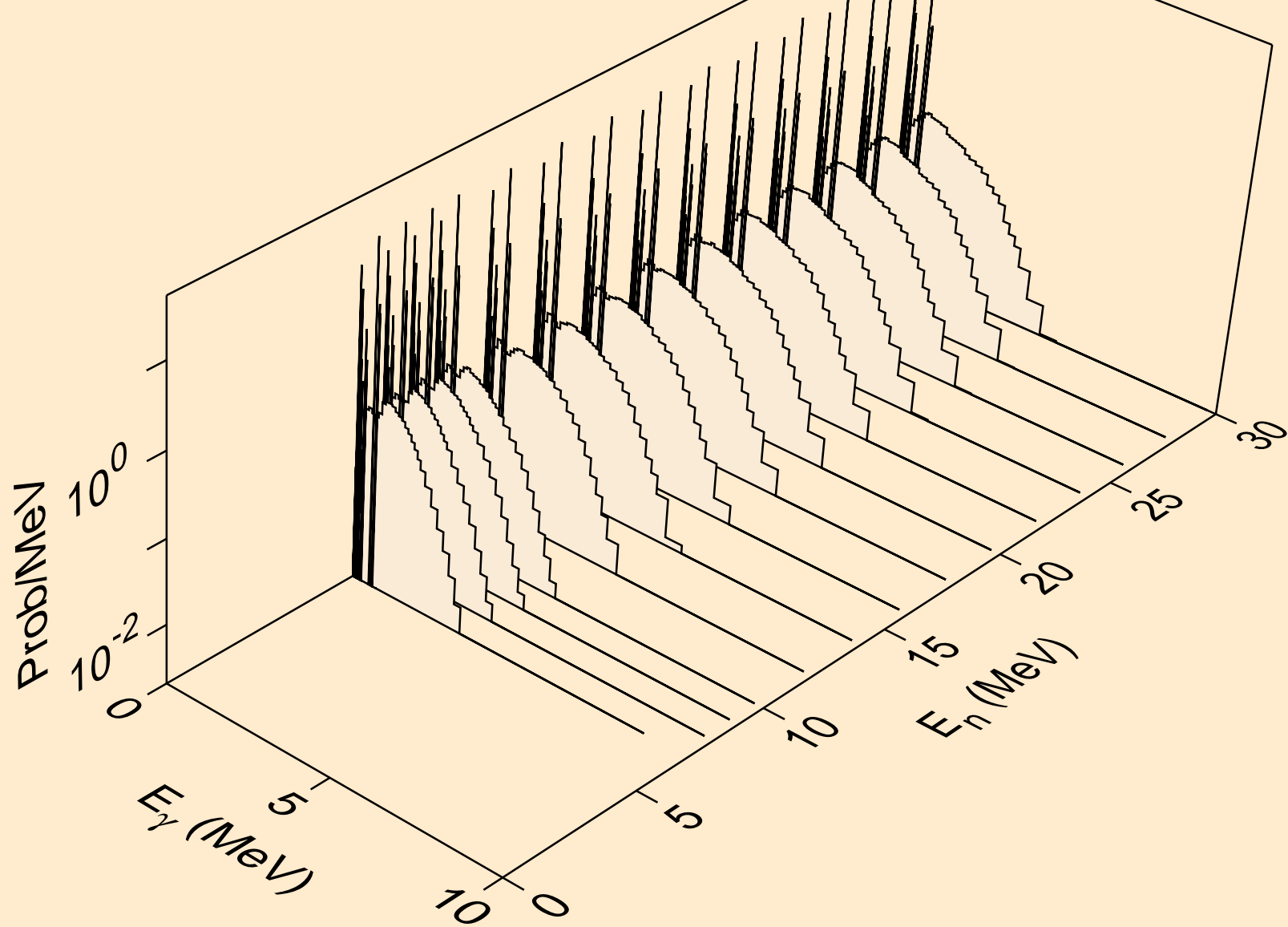
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Photon emission for (n,t)



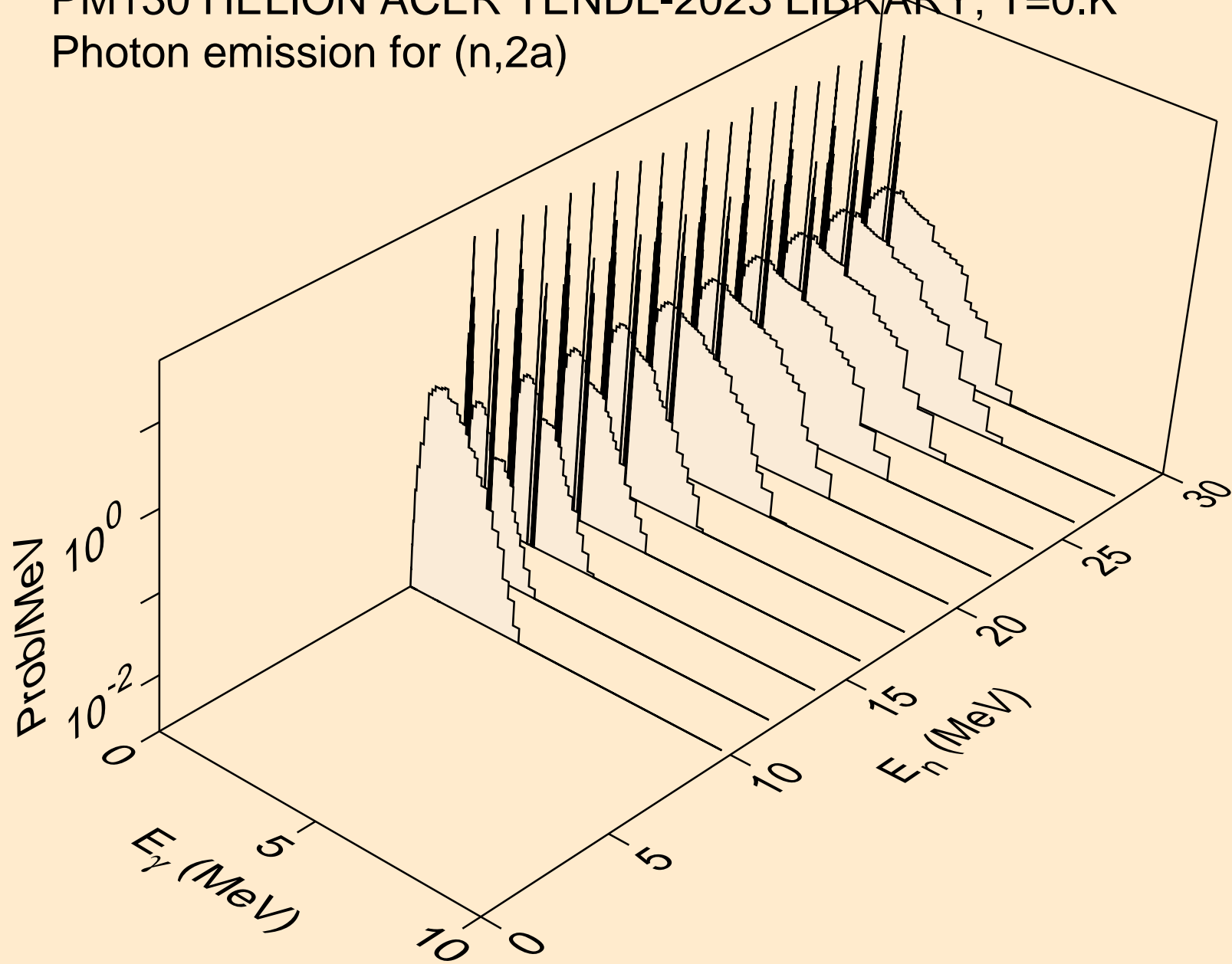
PM130 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



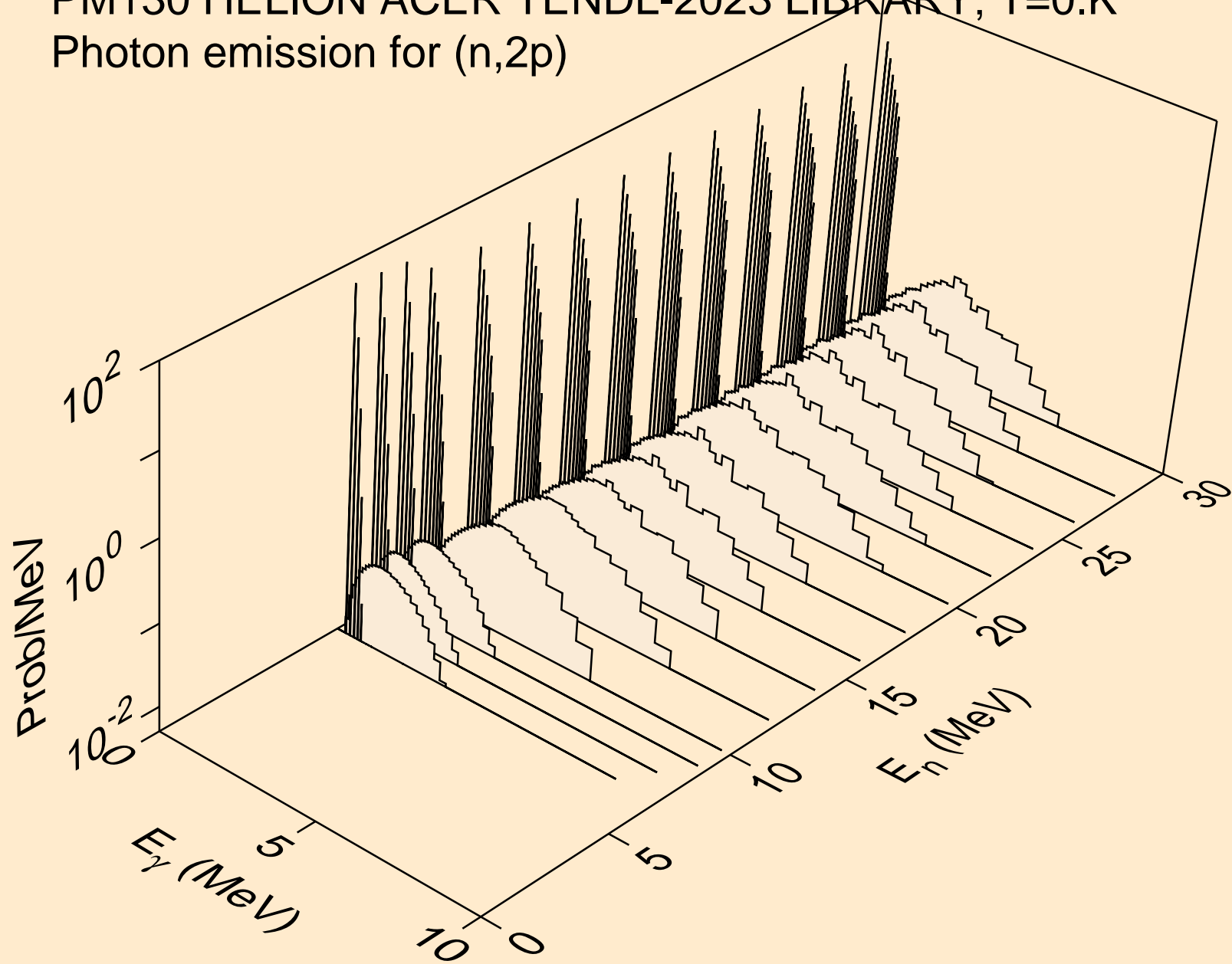
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Photon emission for (n,a)



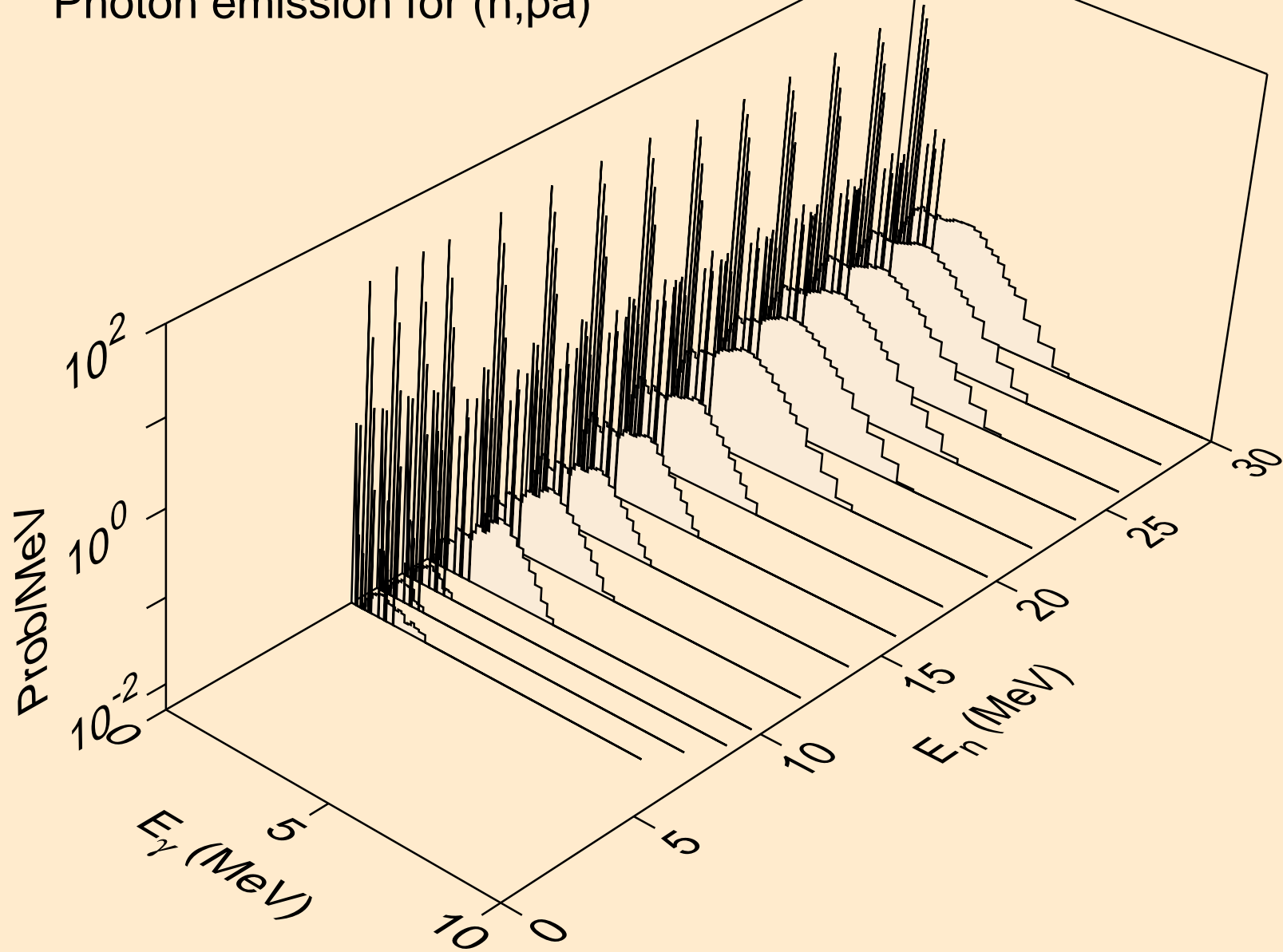
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Photon emission for (n,2a)



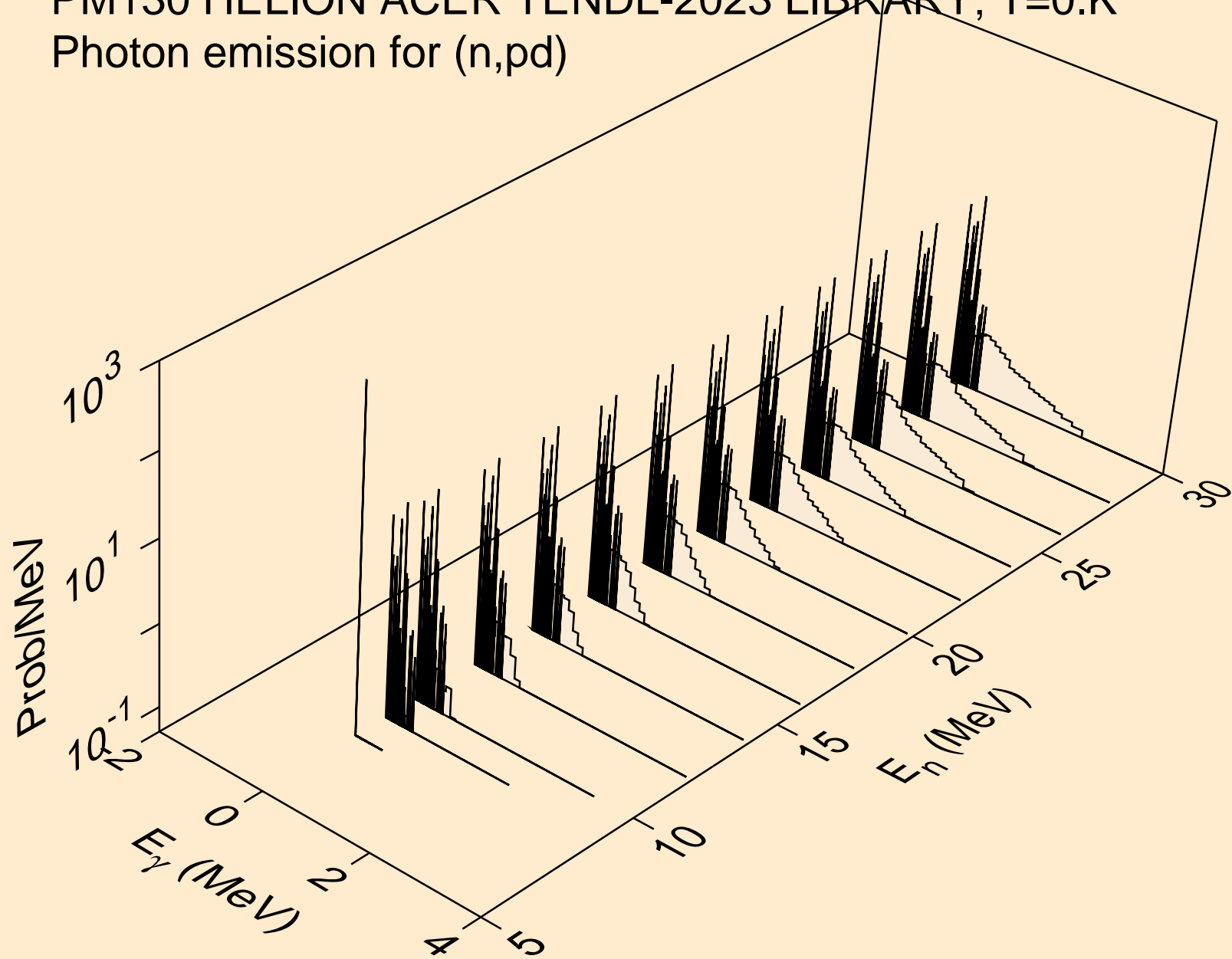
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Photon emission for (n,2p)



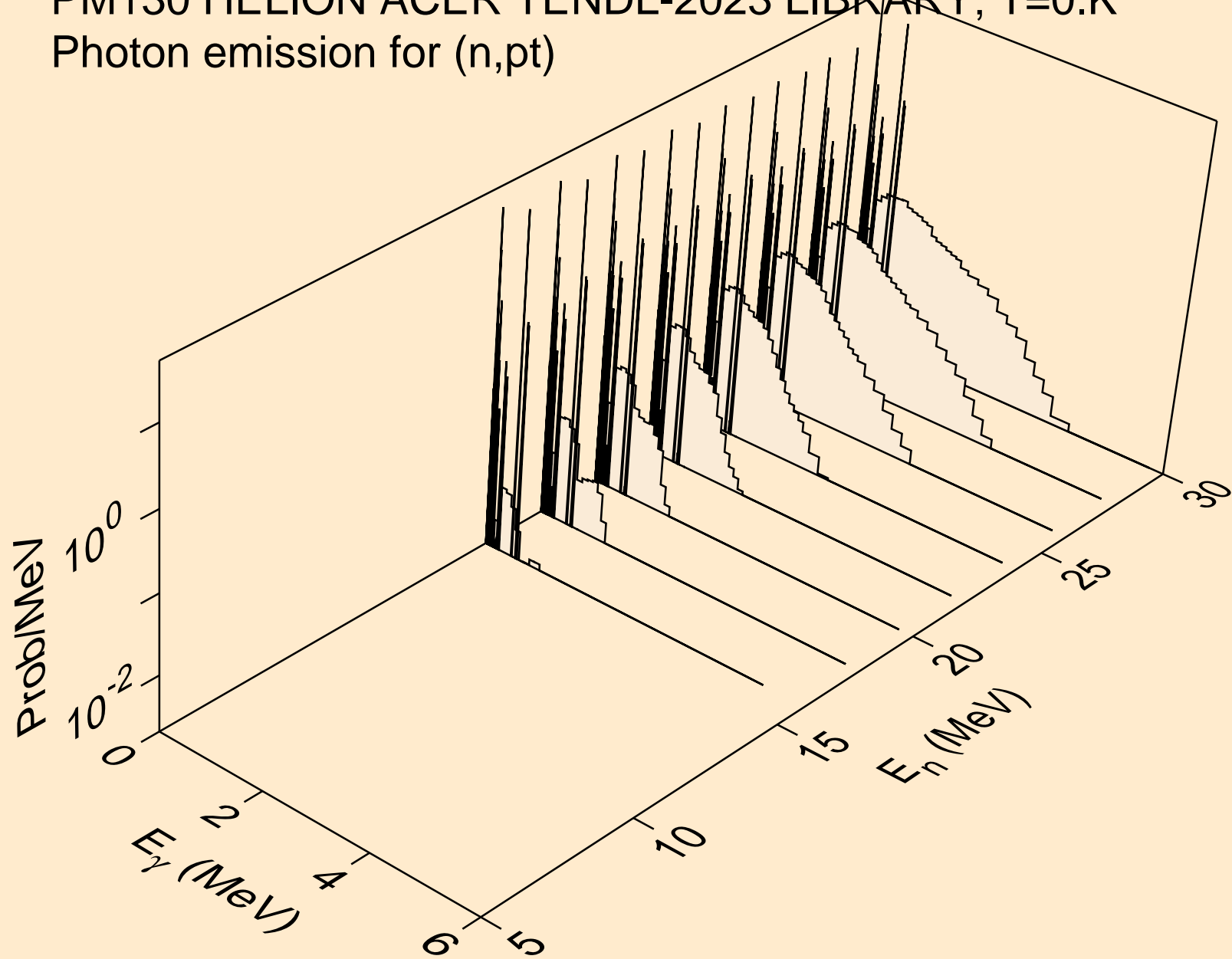
PM130 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



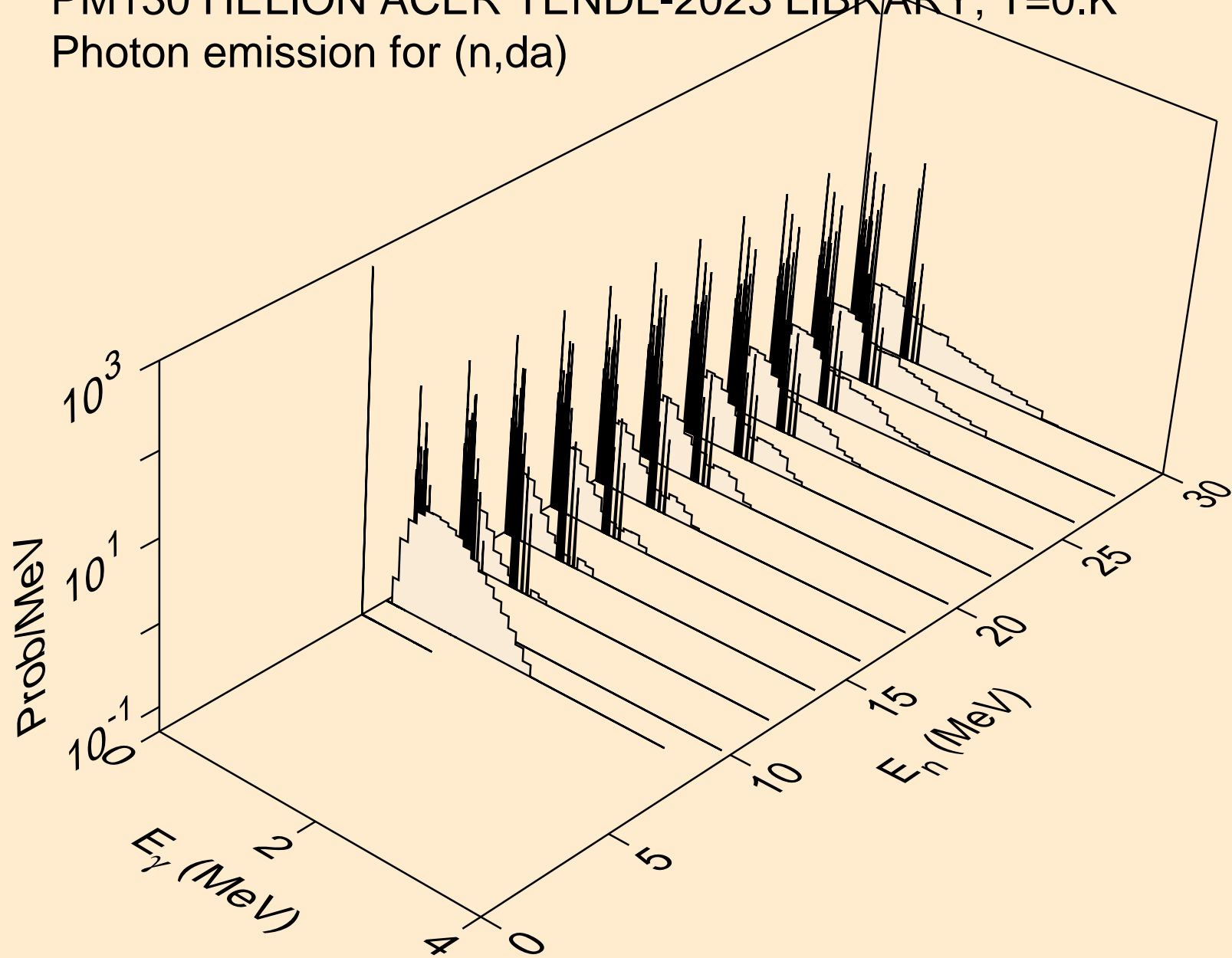
PM130 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



PM130 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)

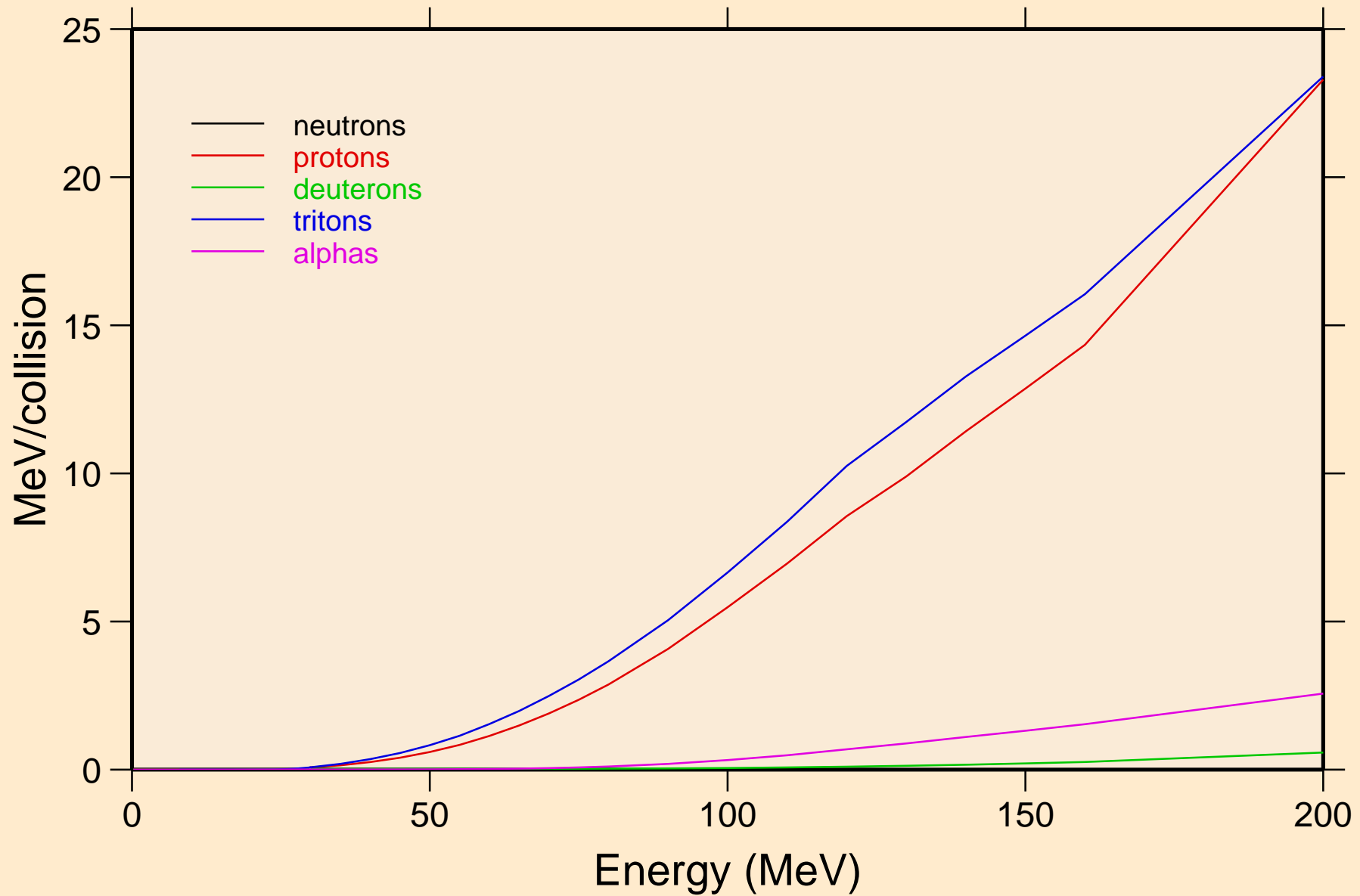


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Photon emission for (n,da)

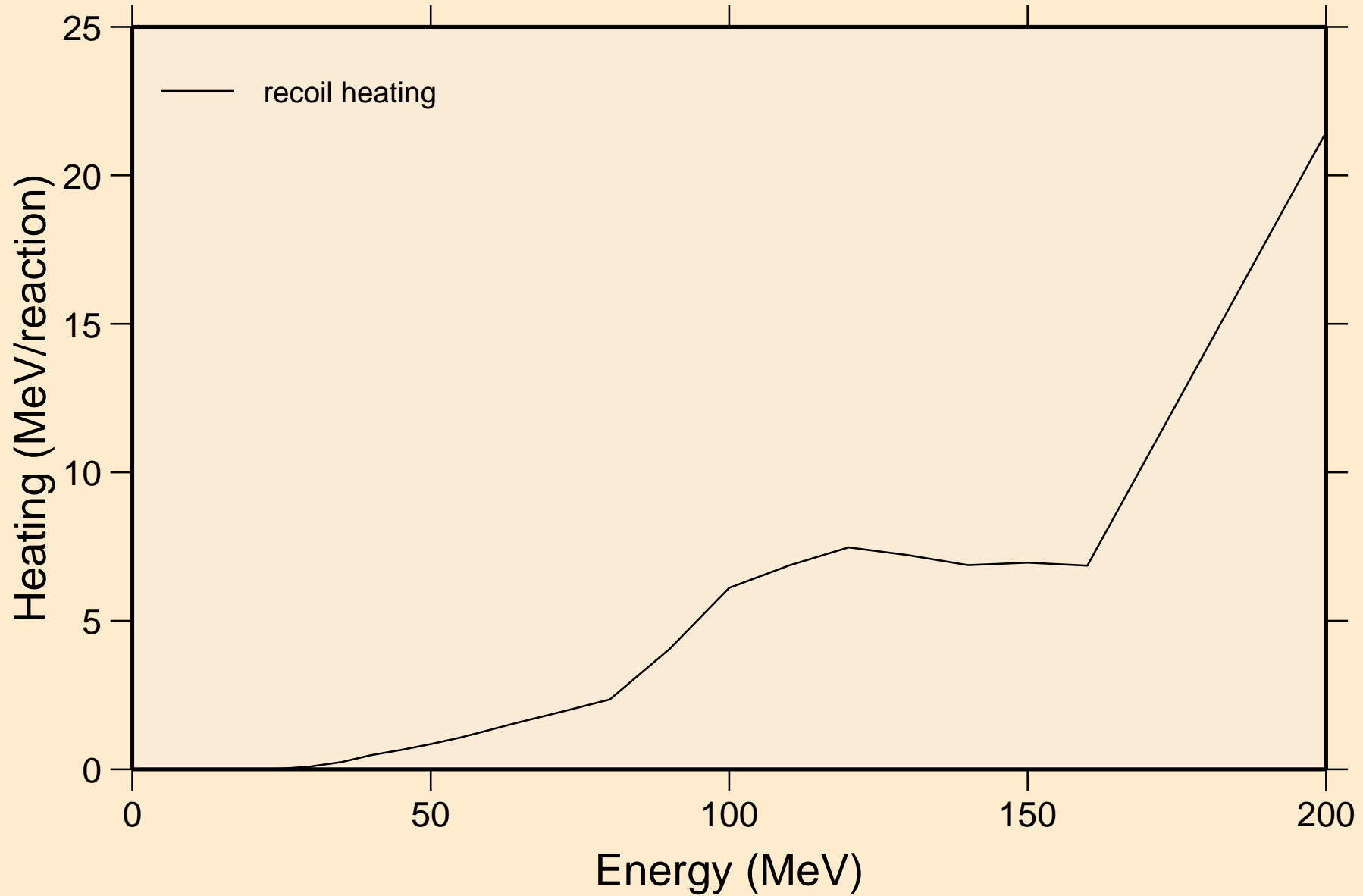


# PM130 HELION ACER TENDL-2023 LIBRARY; T=0.K

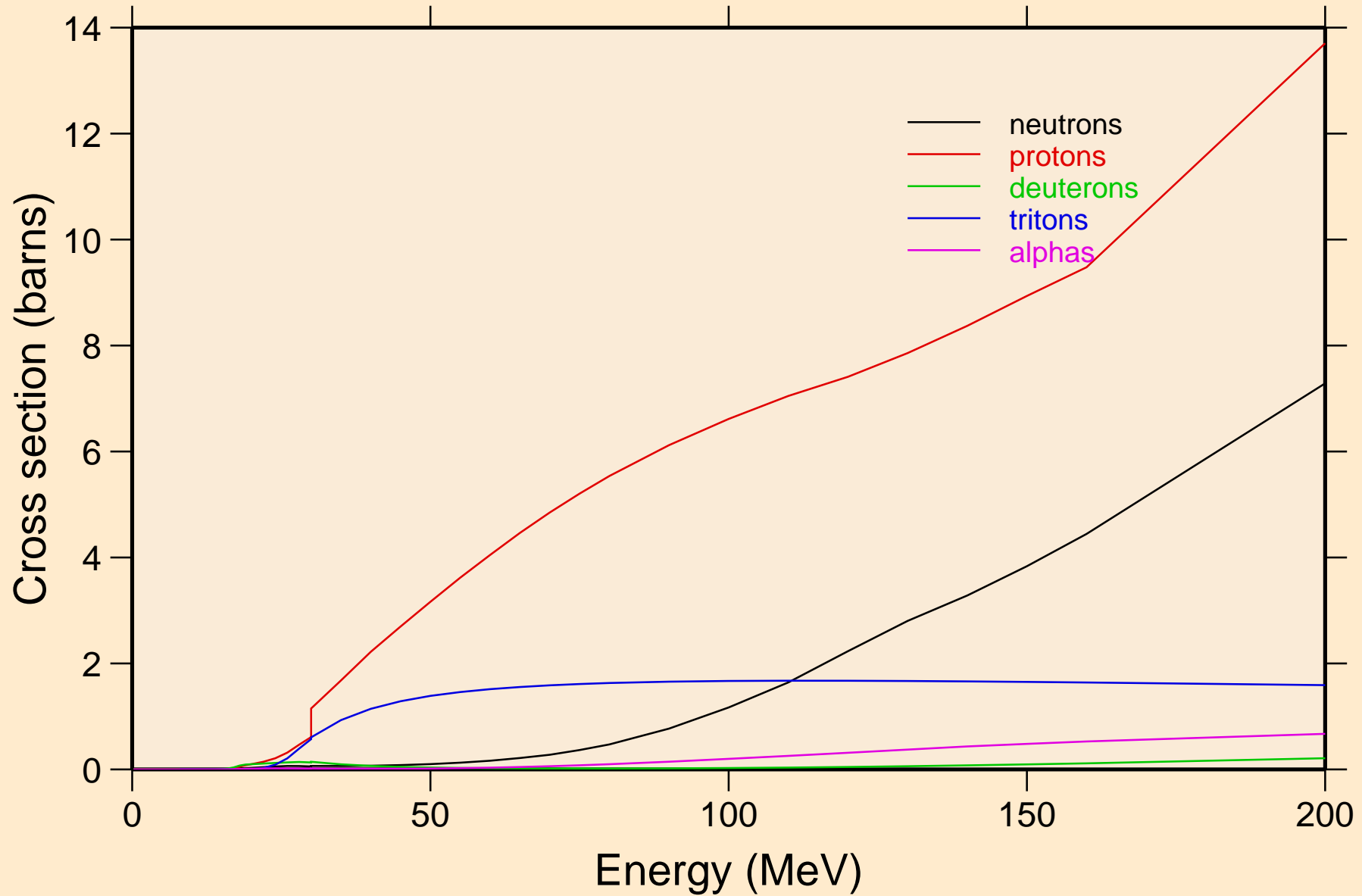
## Particle heating contributions



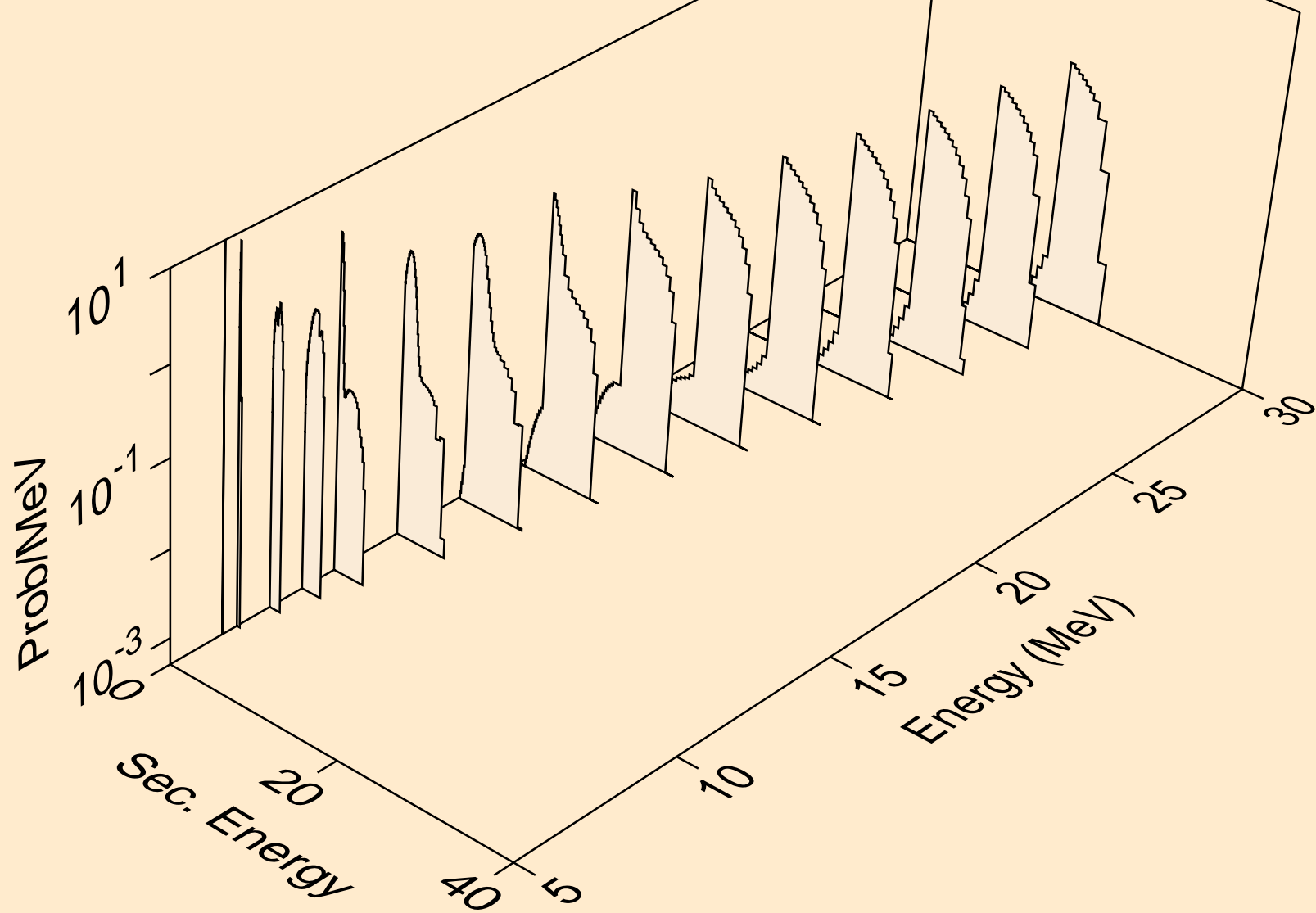
PM130 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



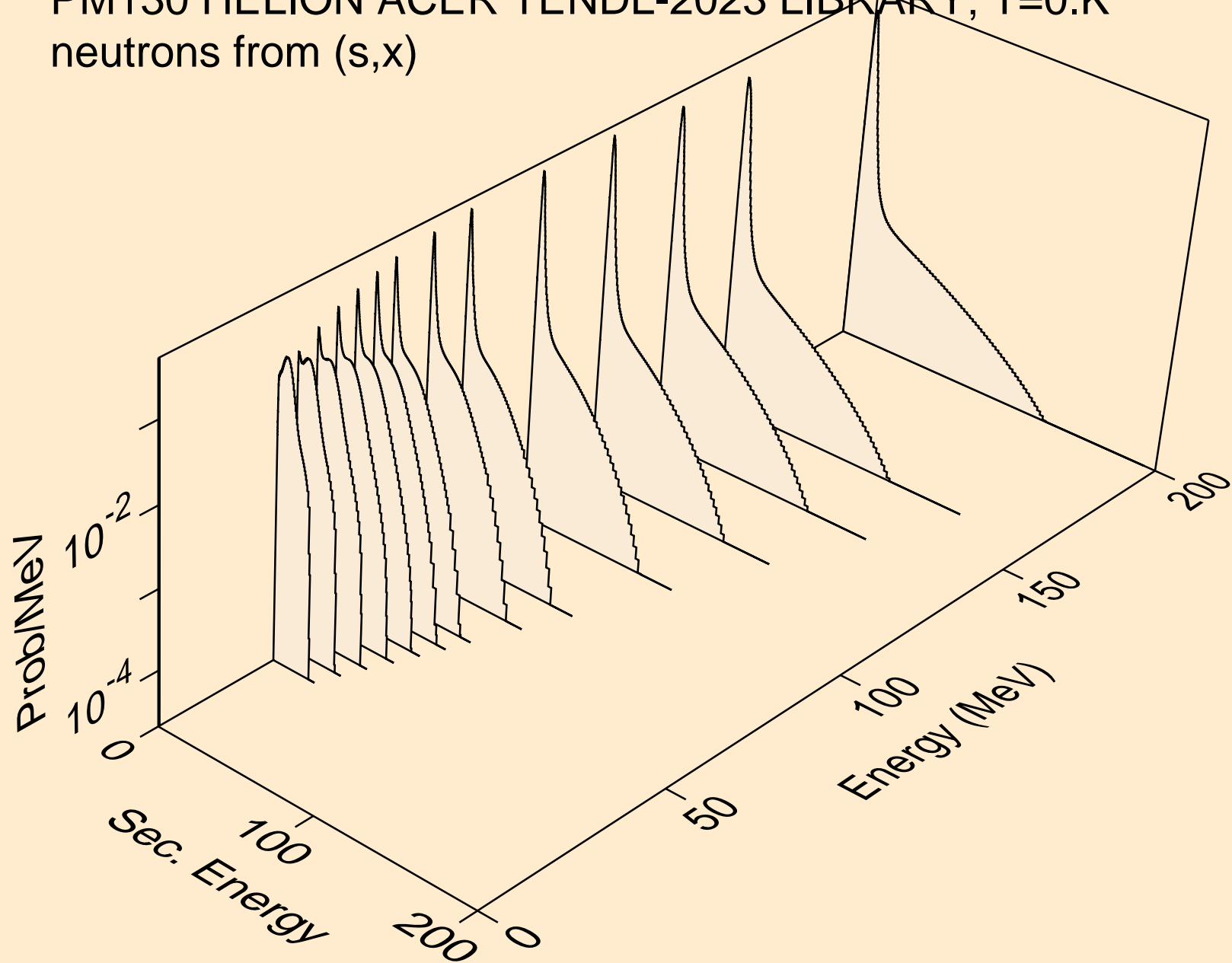
PM130 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



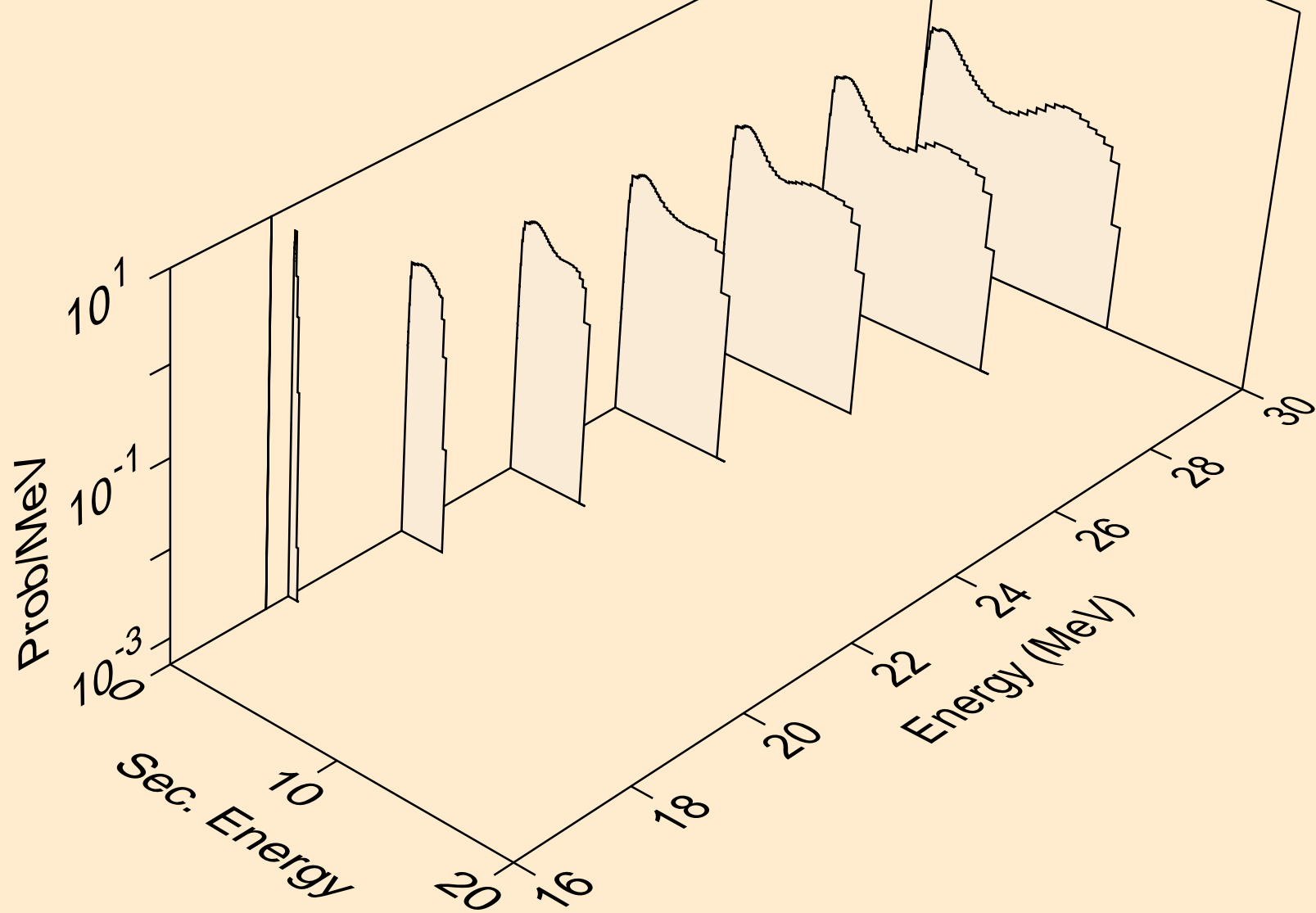
PM130 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n)



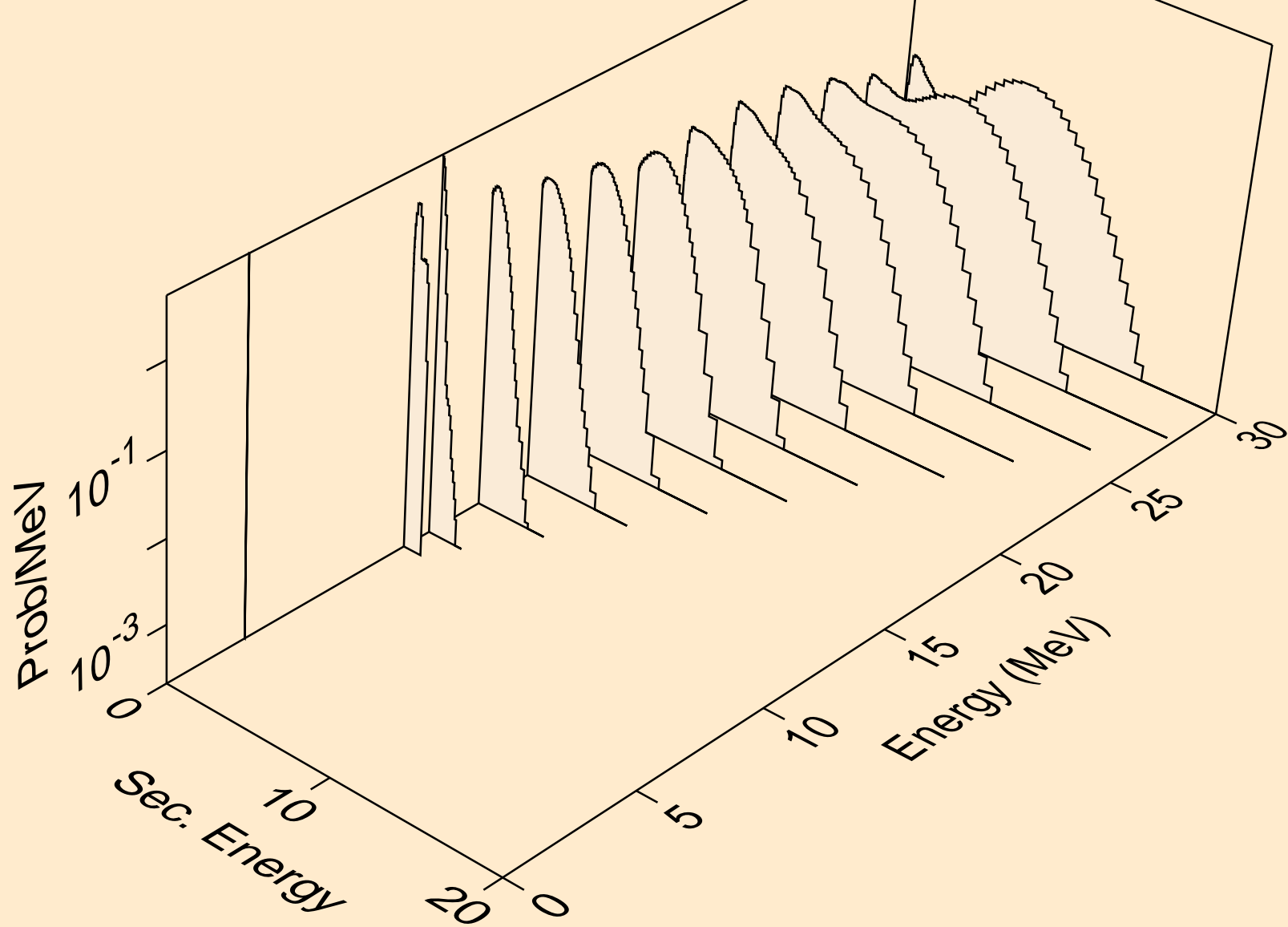
PM130 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,x)



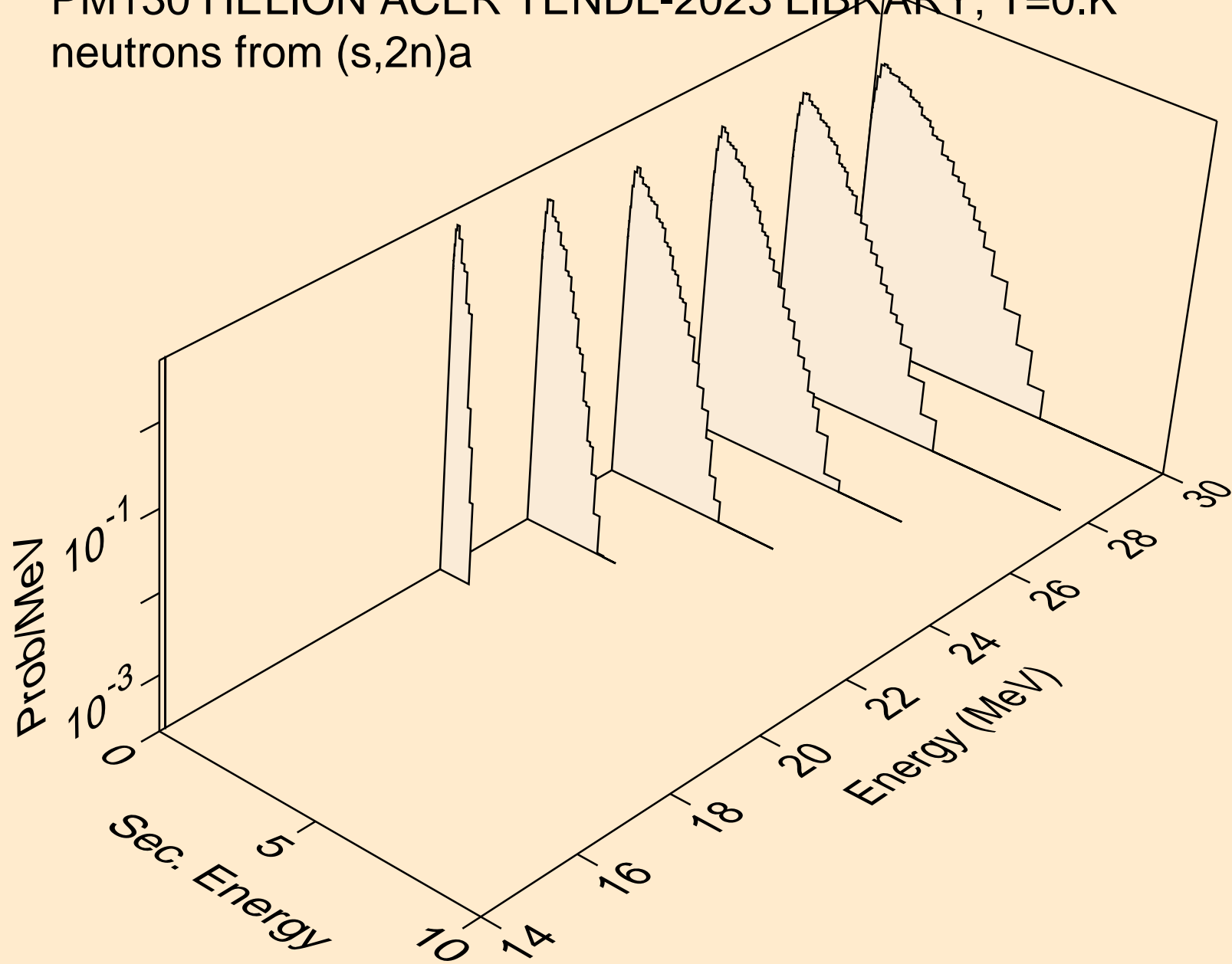
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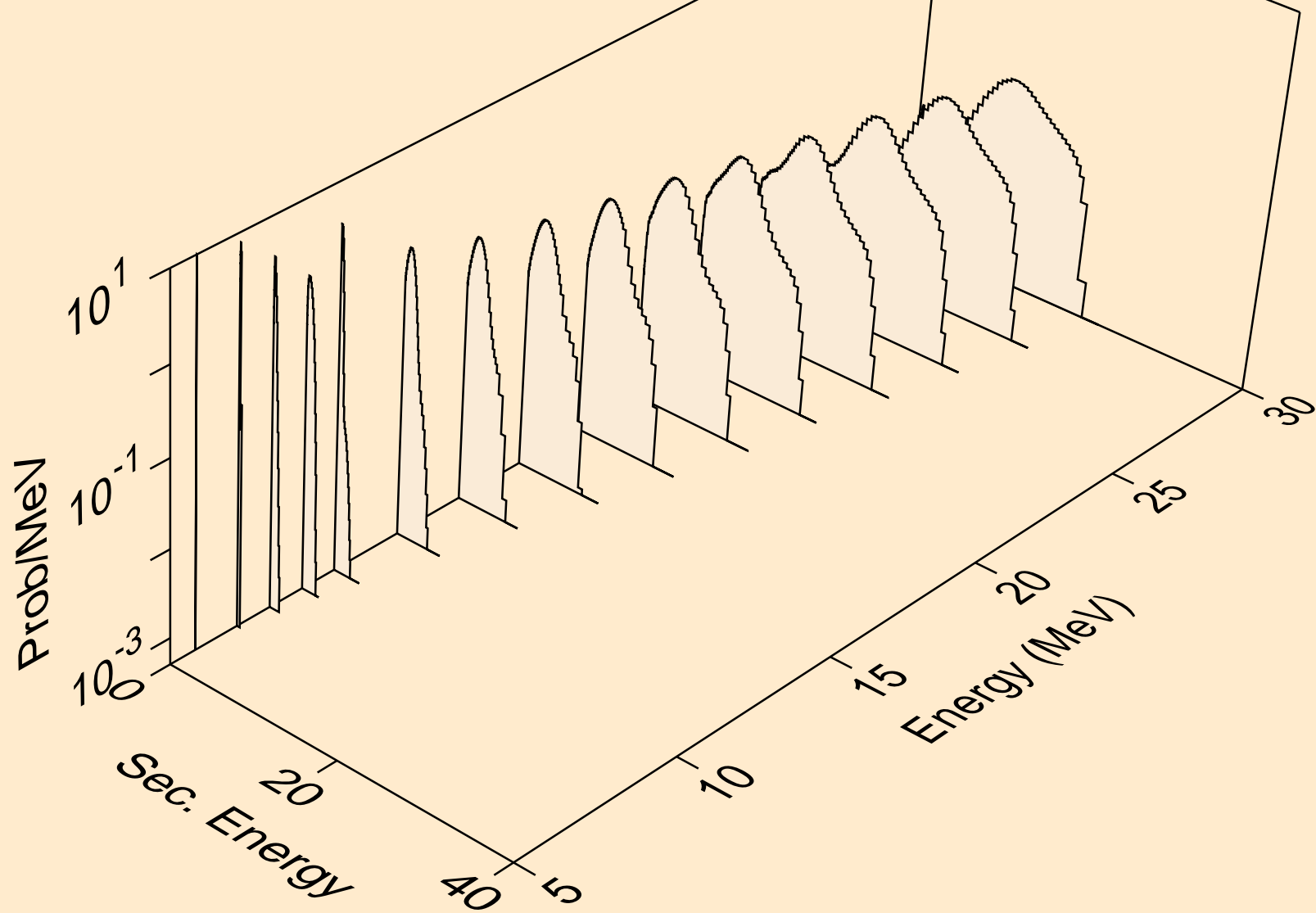
PM130 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)a



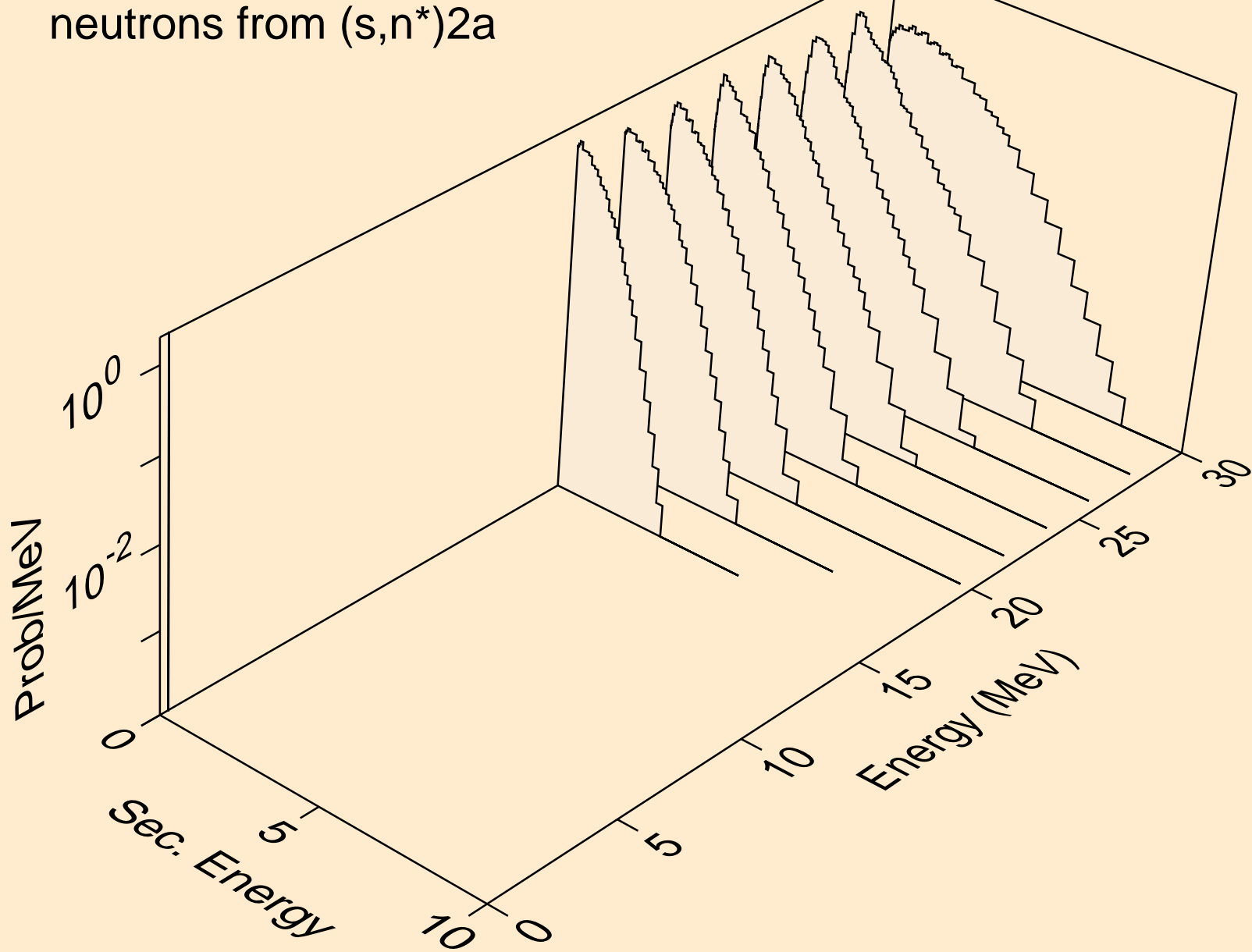
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neutrons from (s,2n)a



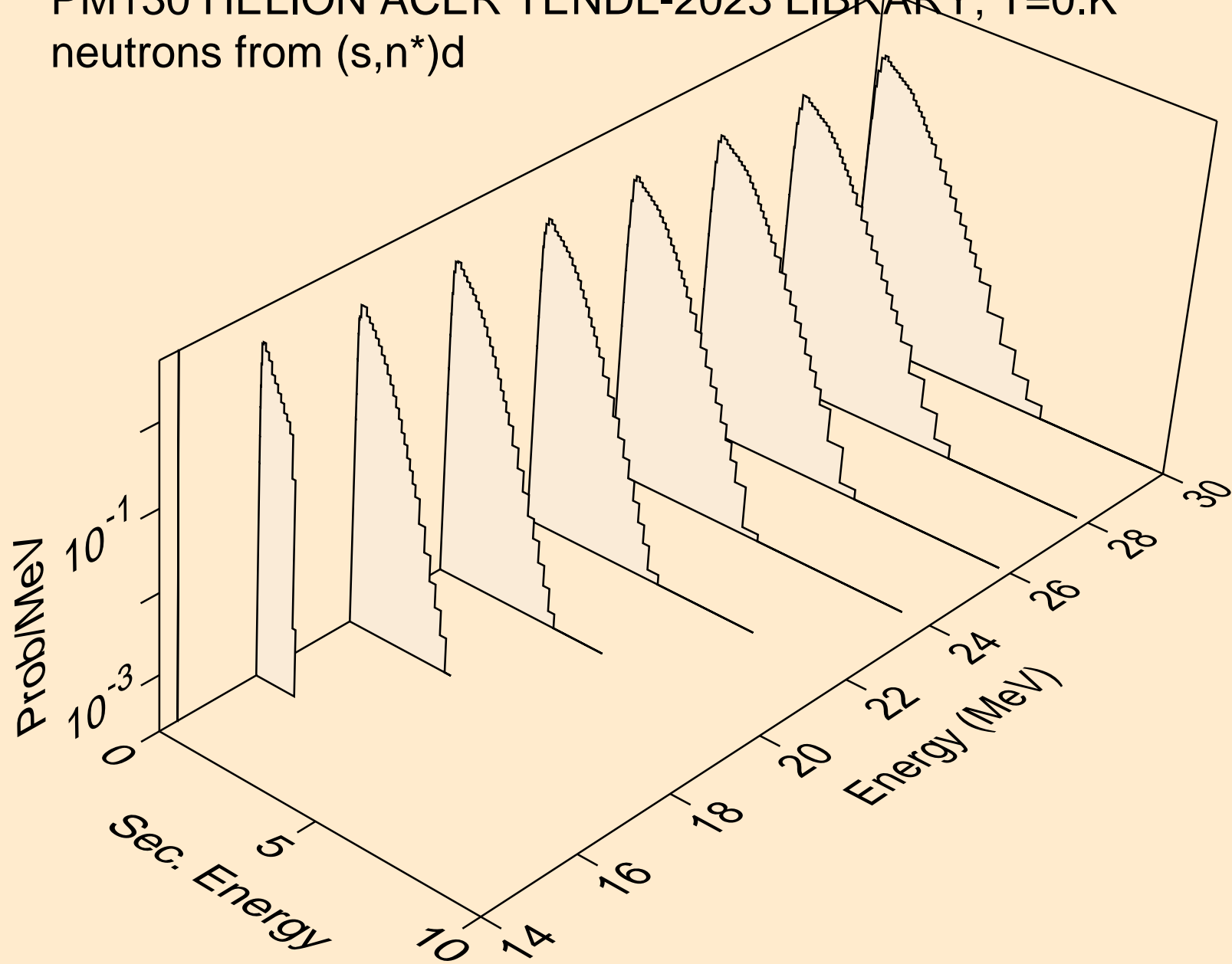
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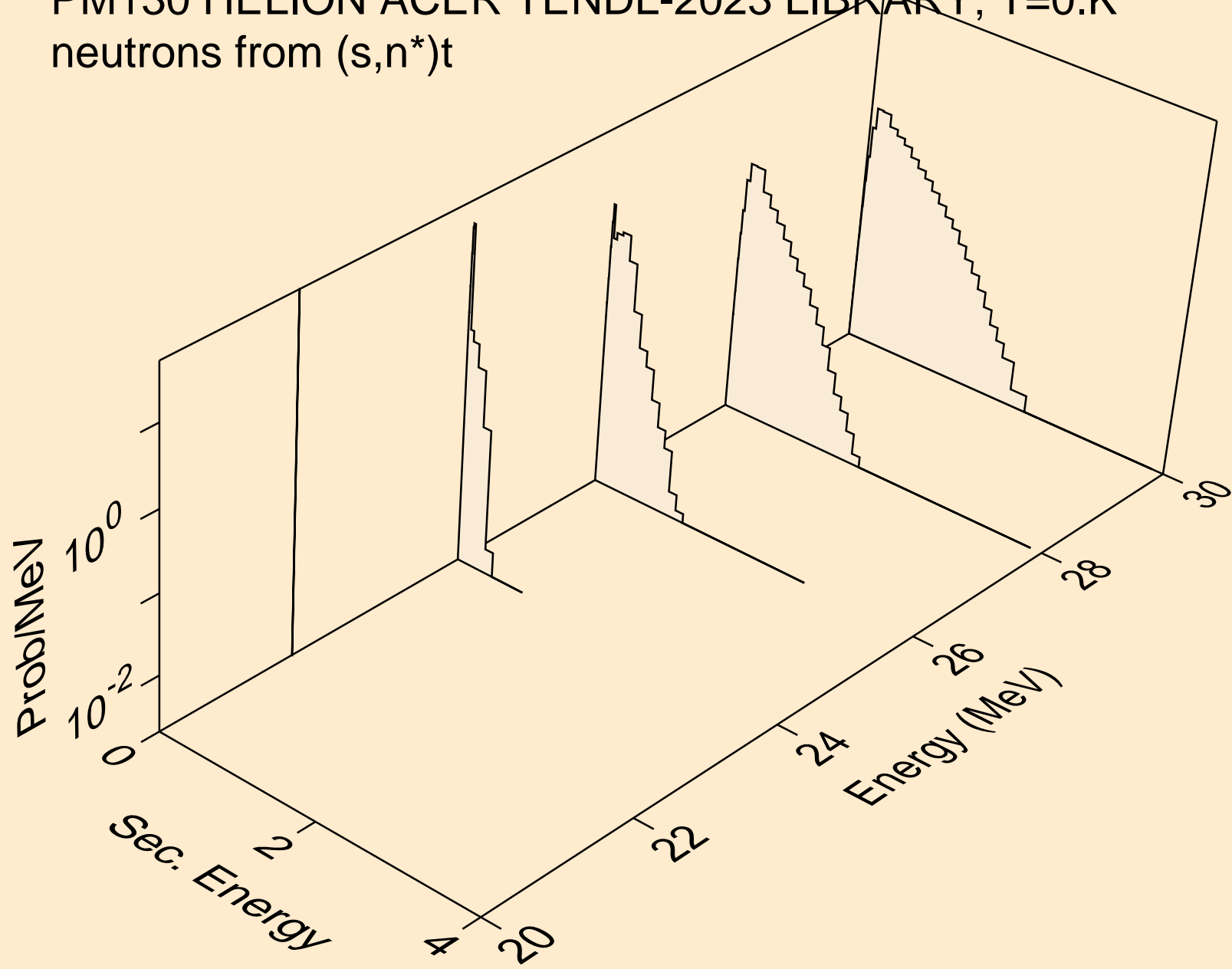
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neutrons from (s,n\*)2a



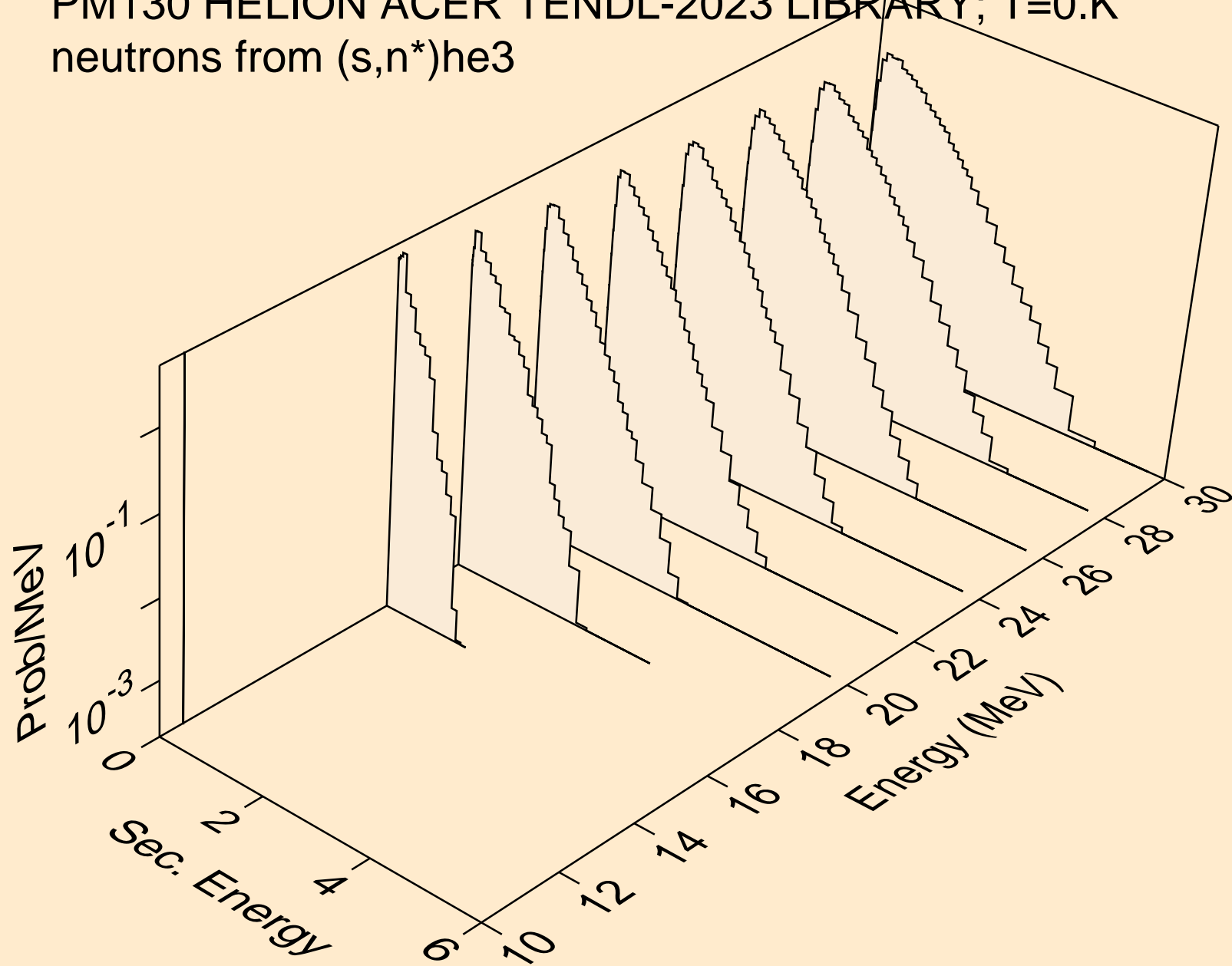
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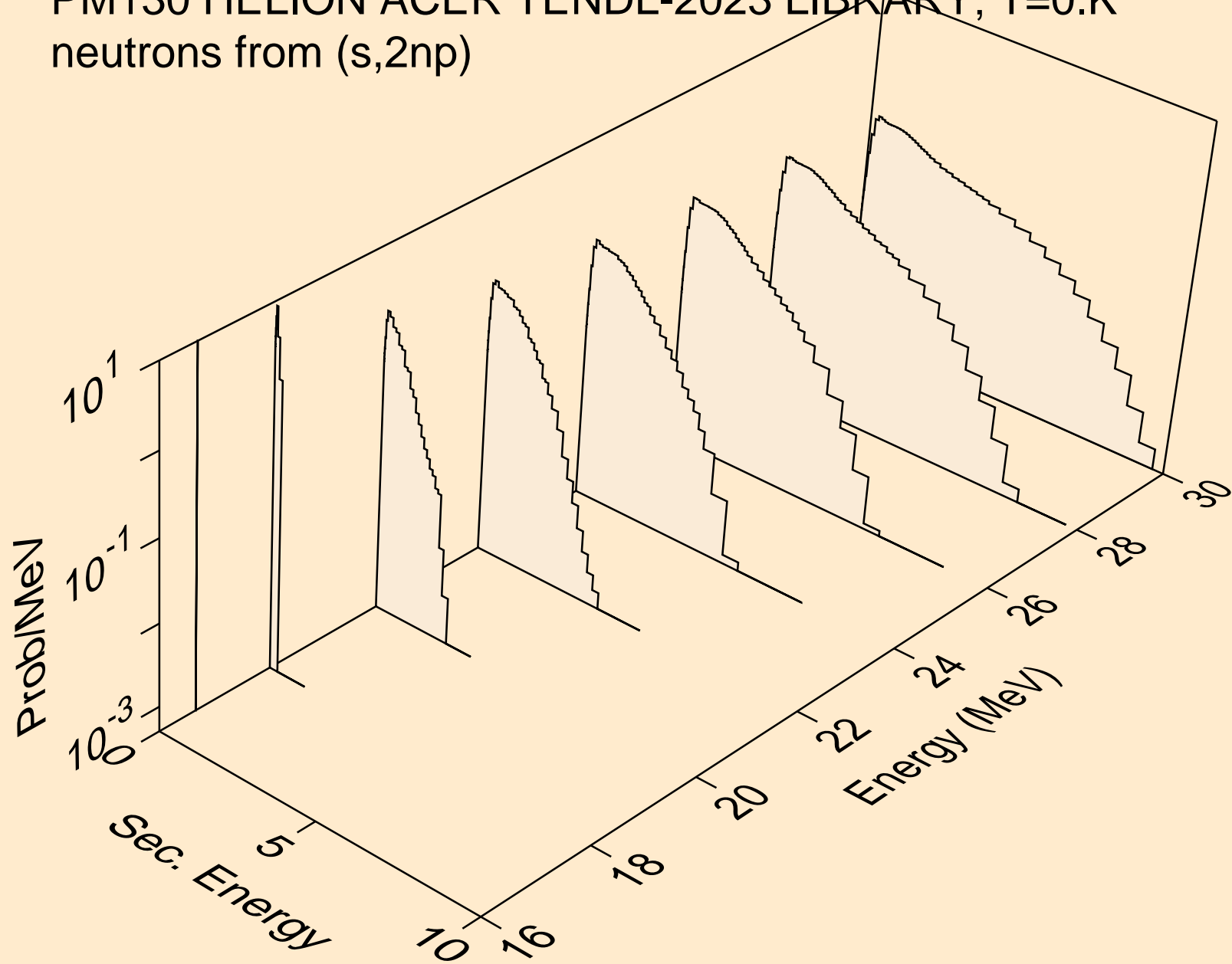
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neutrons from (s,n\*)t



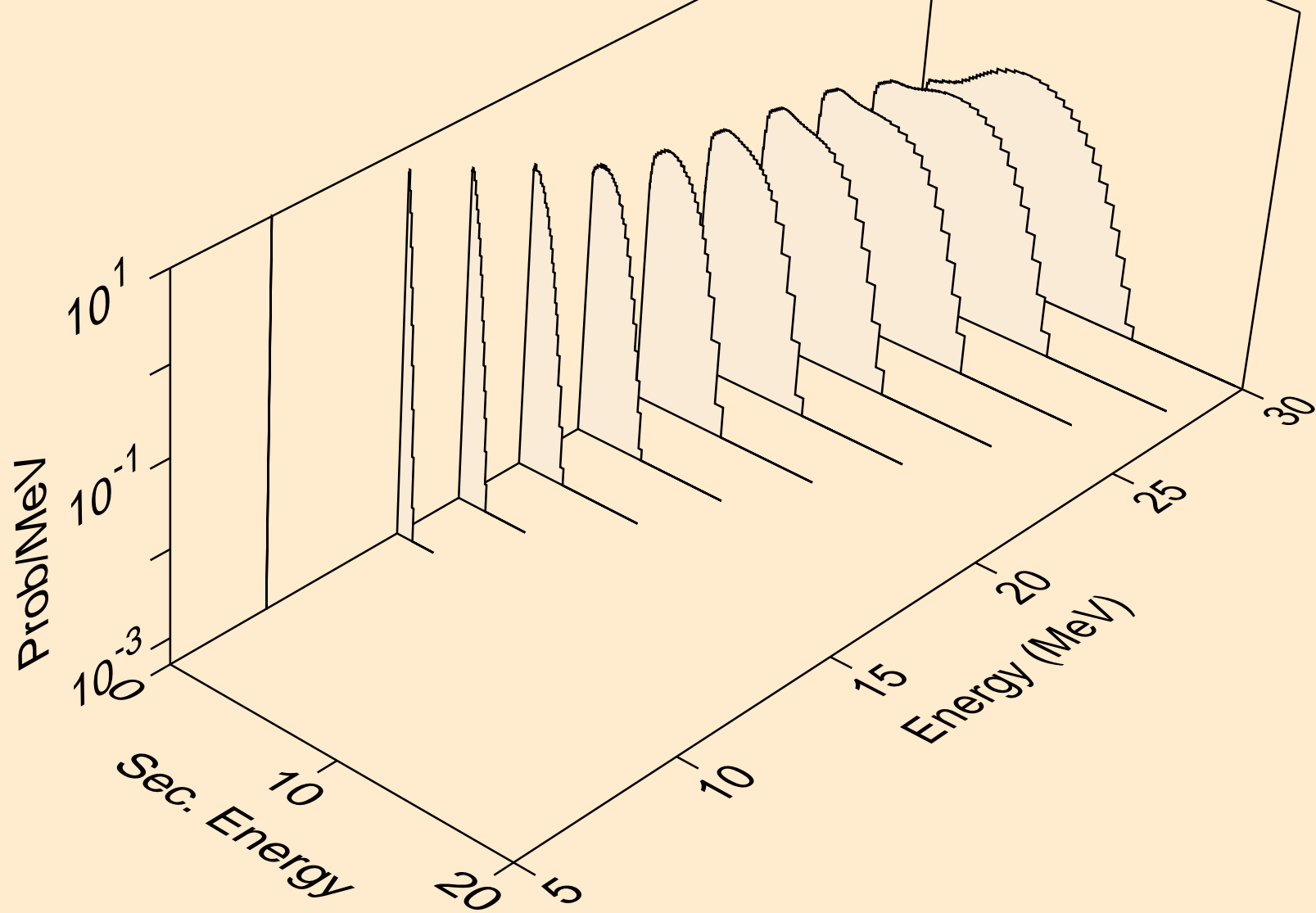
PM130 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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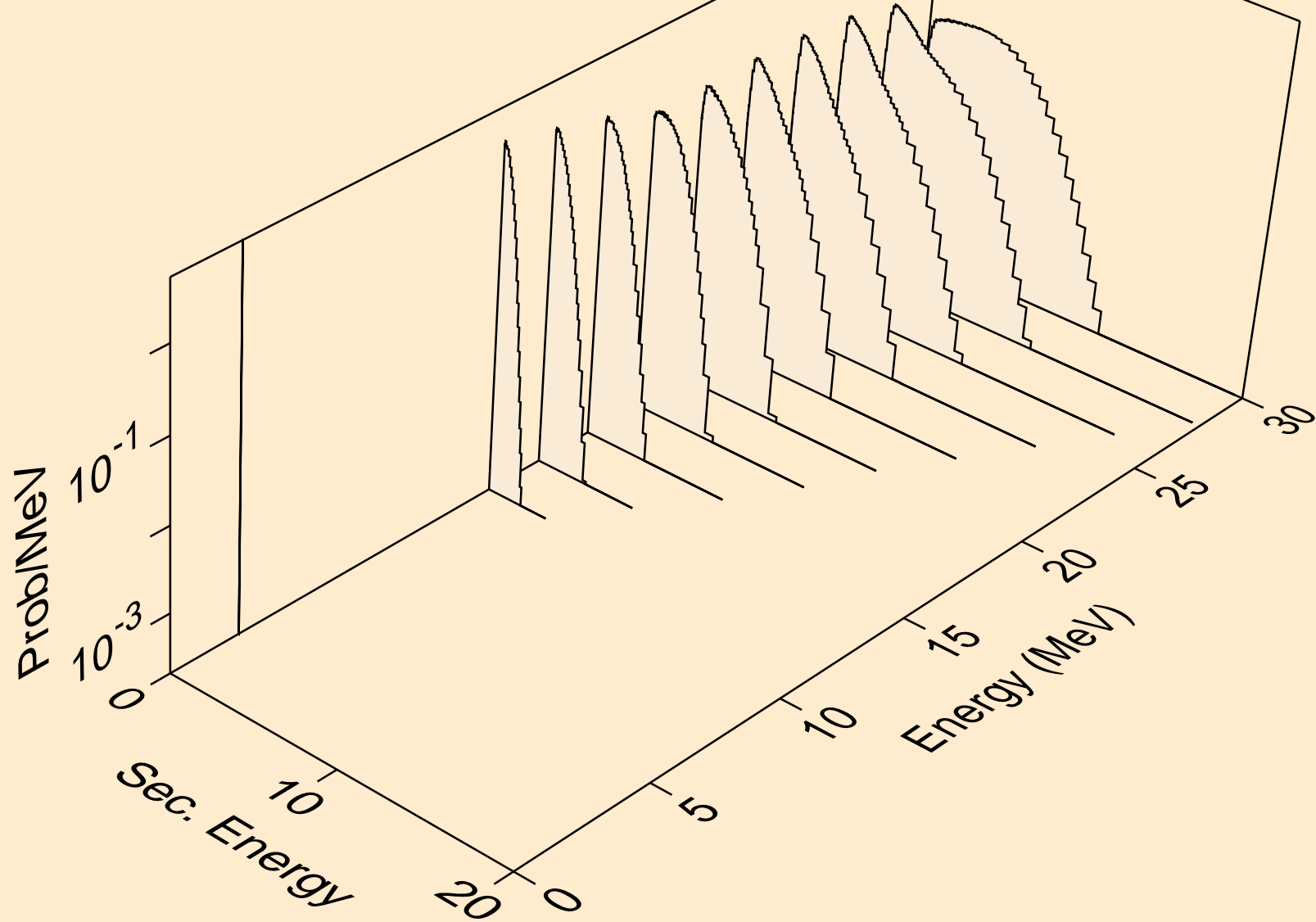
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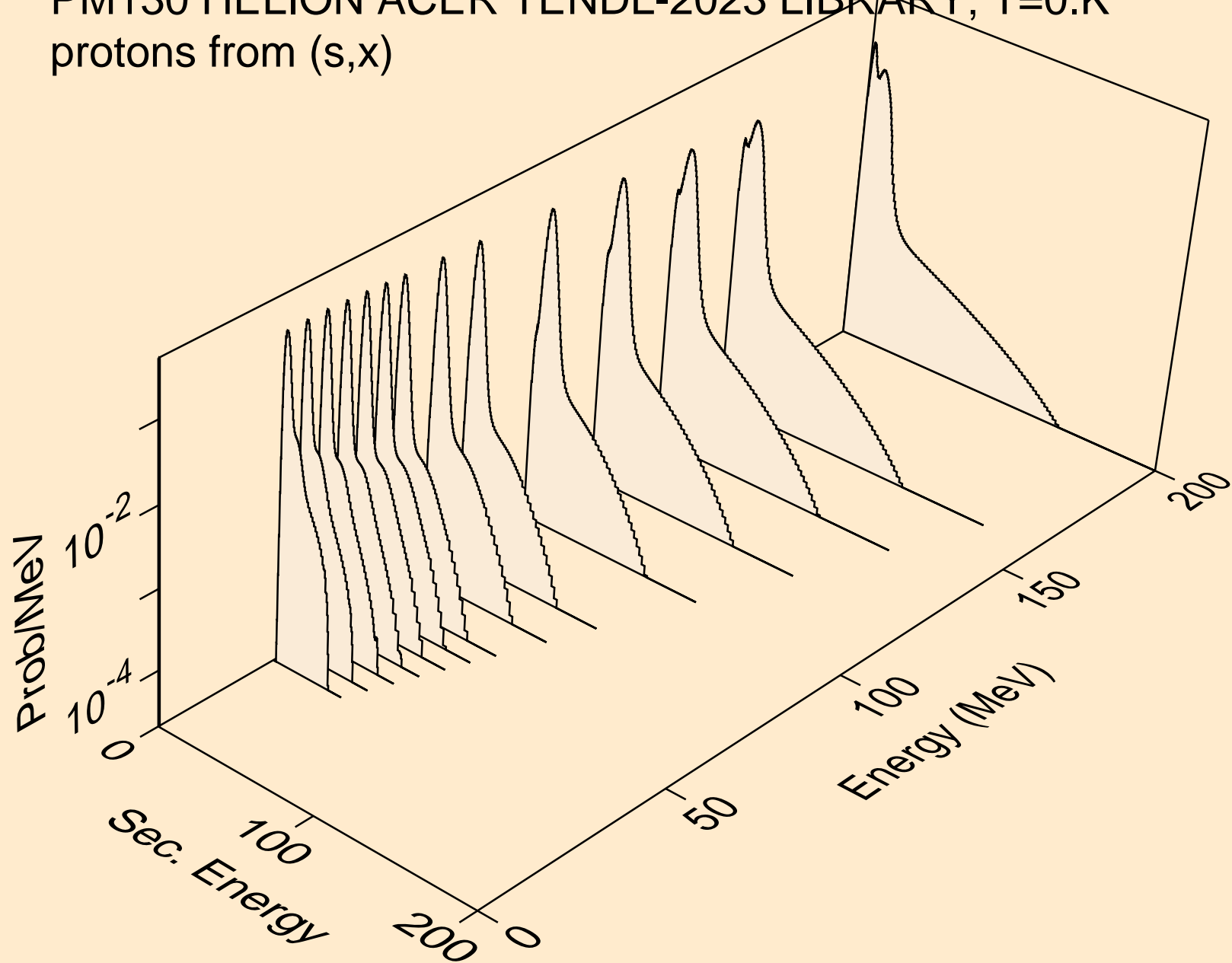
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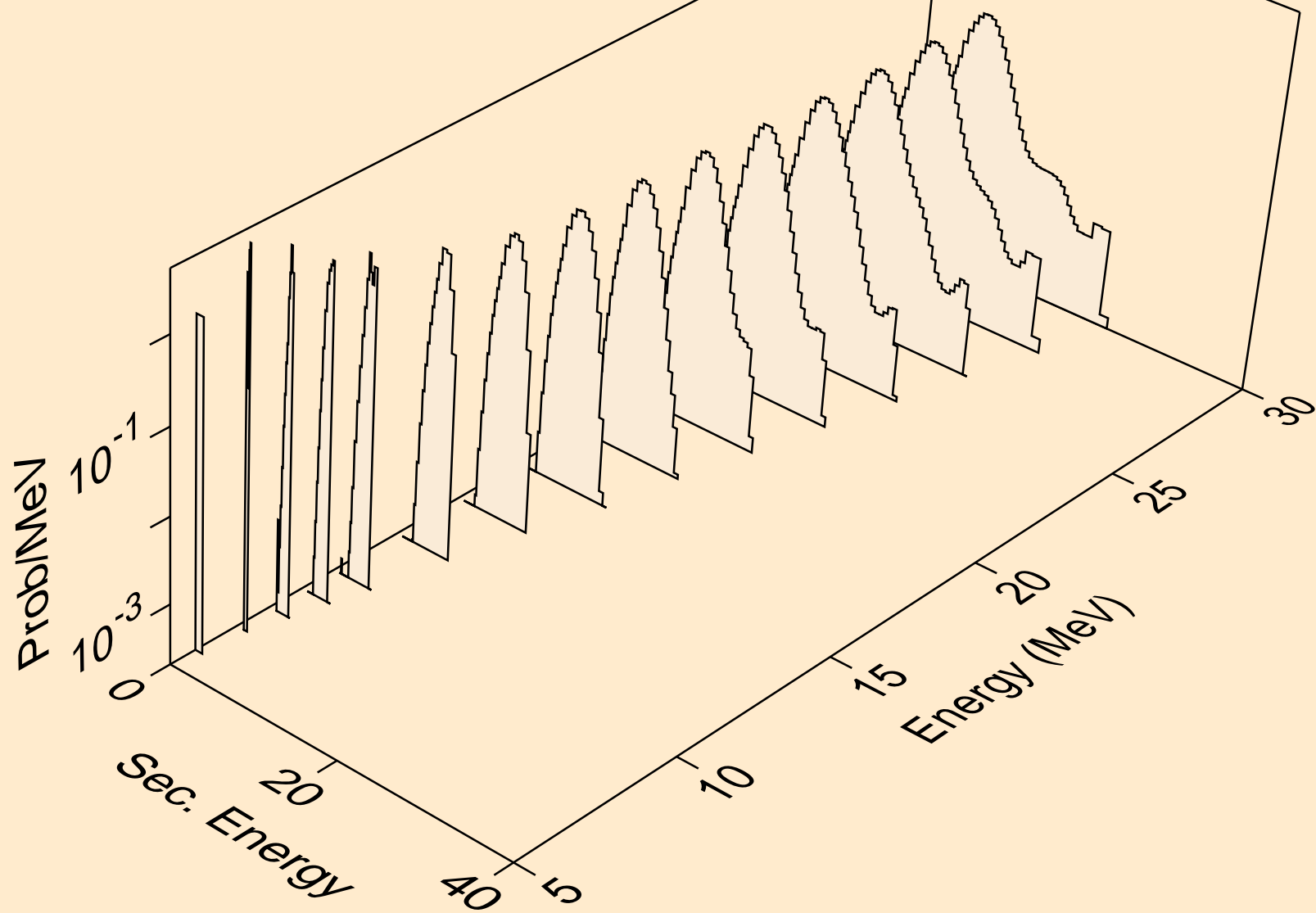
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neutrons from (s,npa)



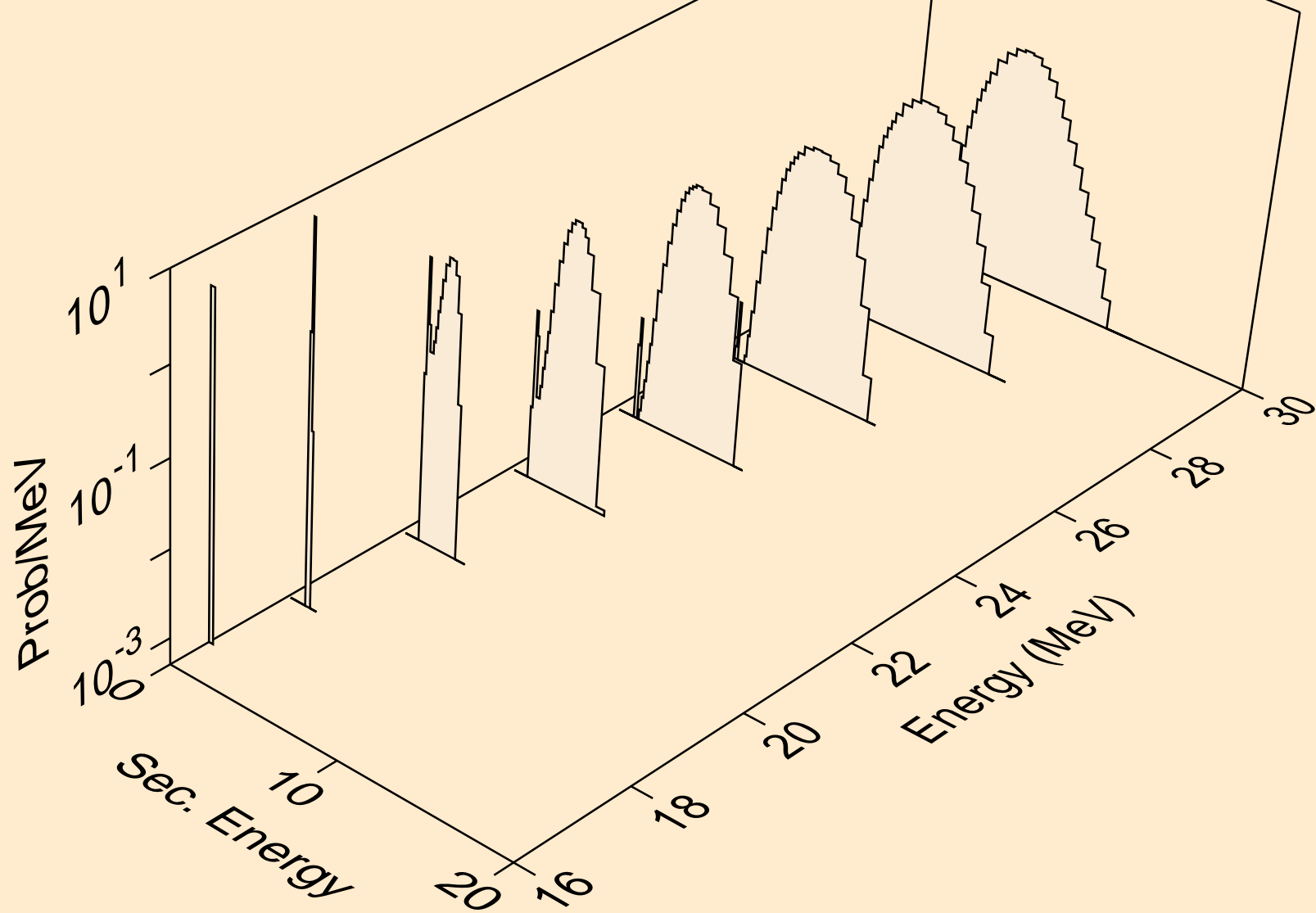
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protons from (s,x)



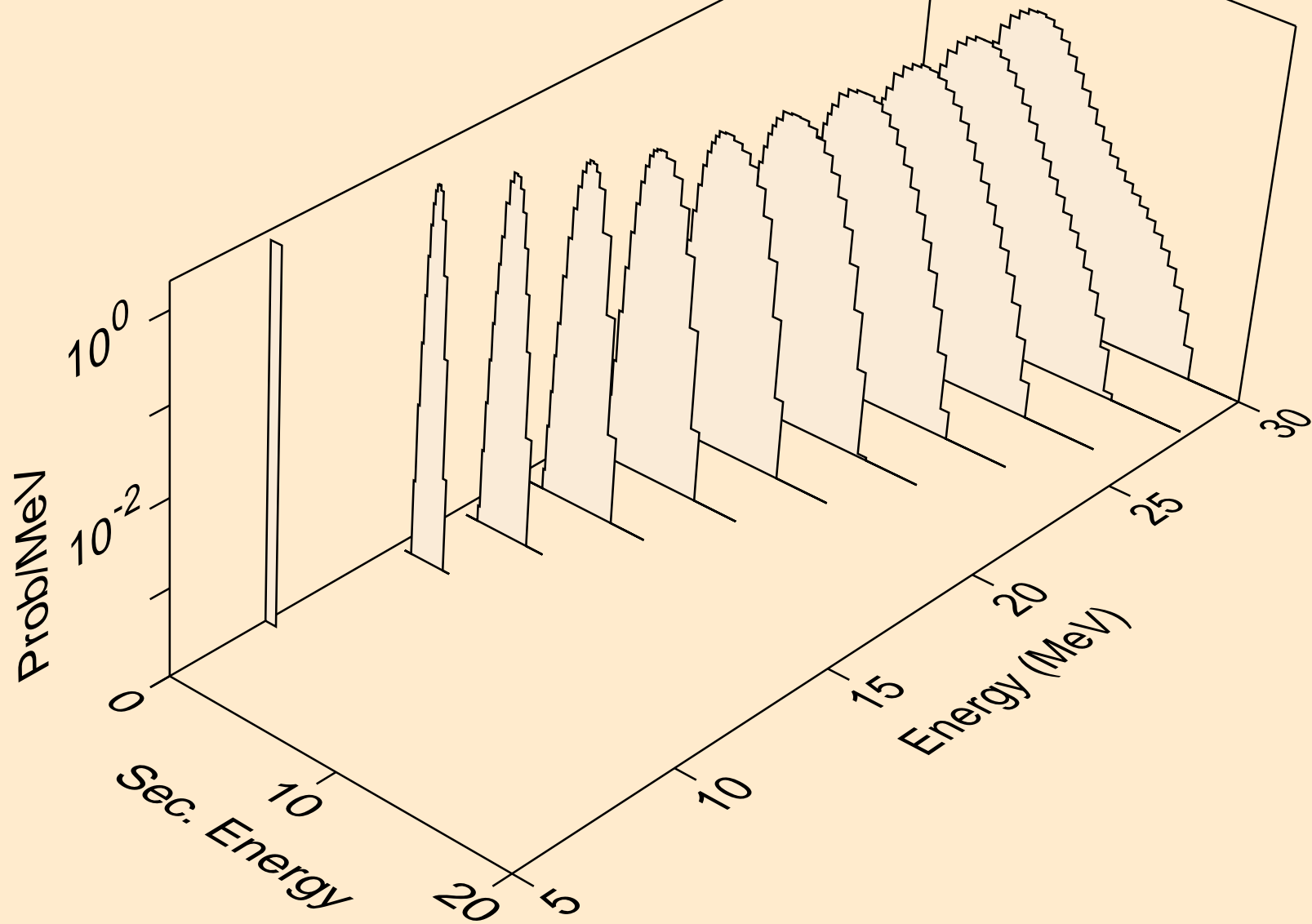
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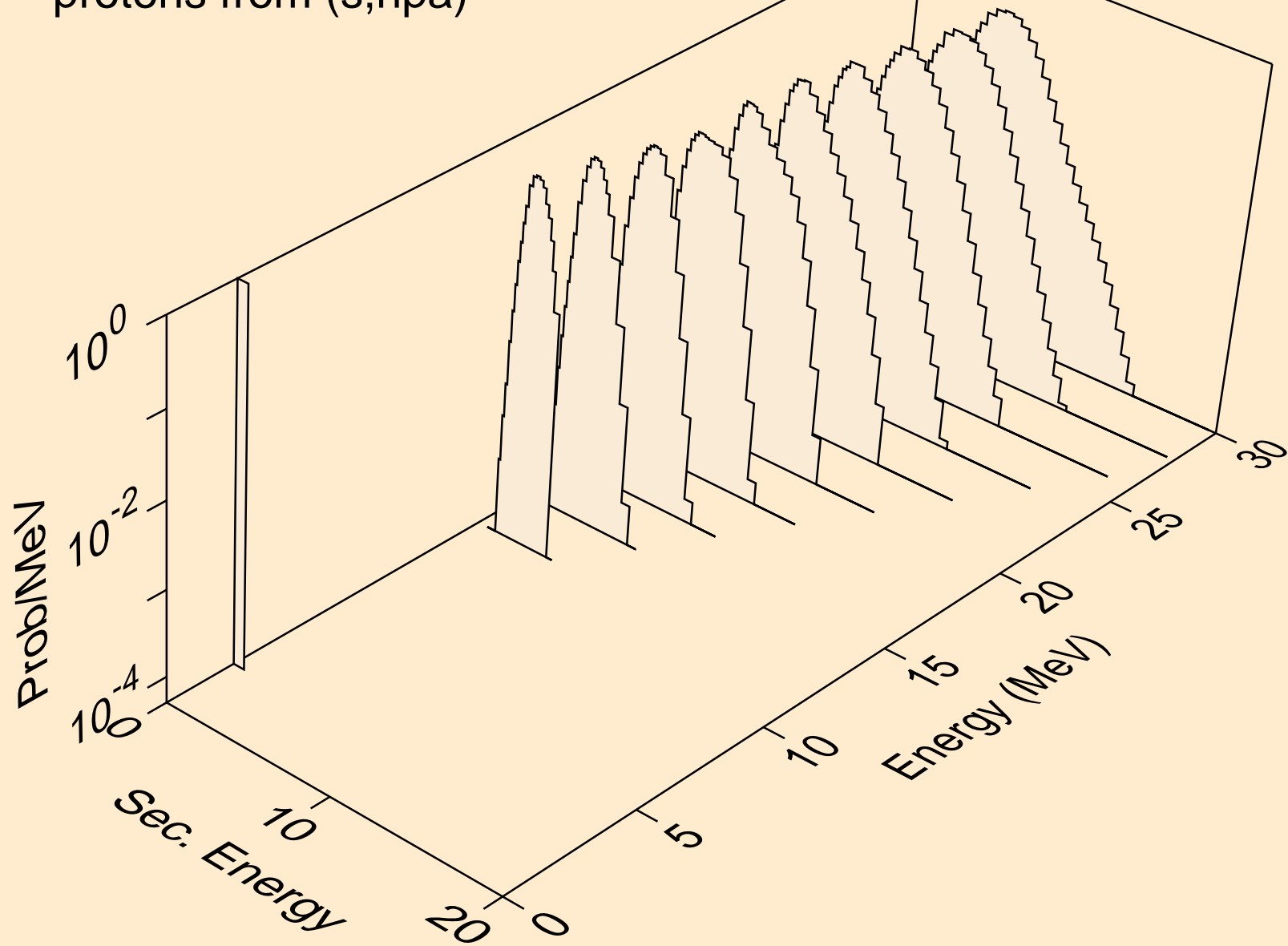
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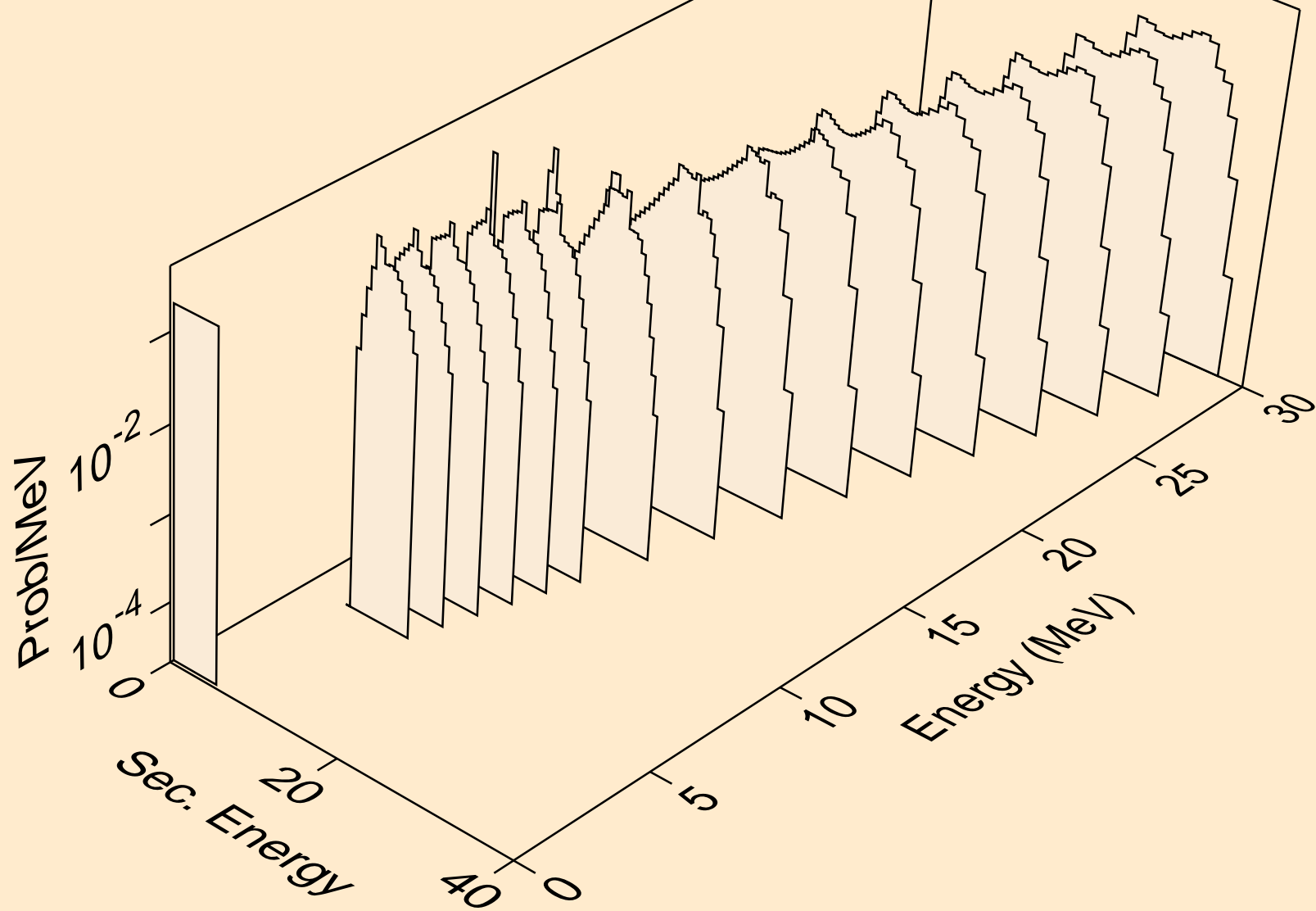
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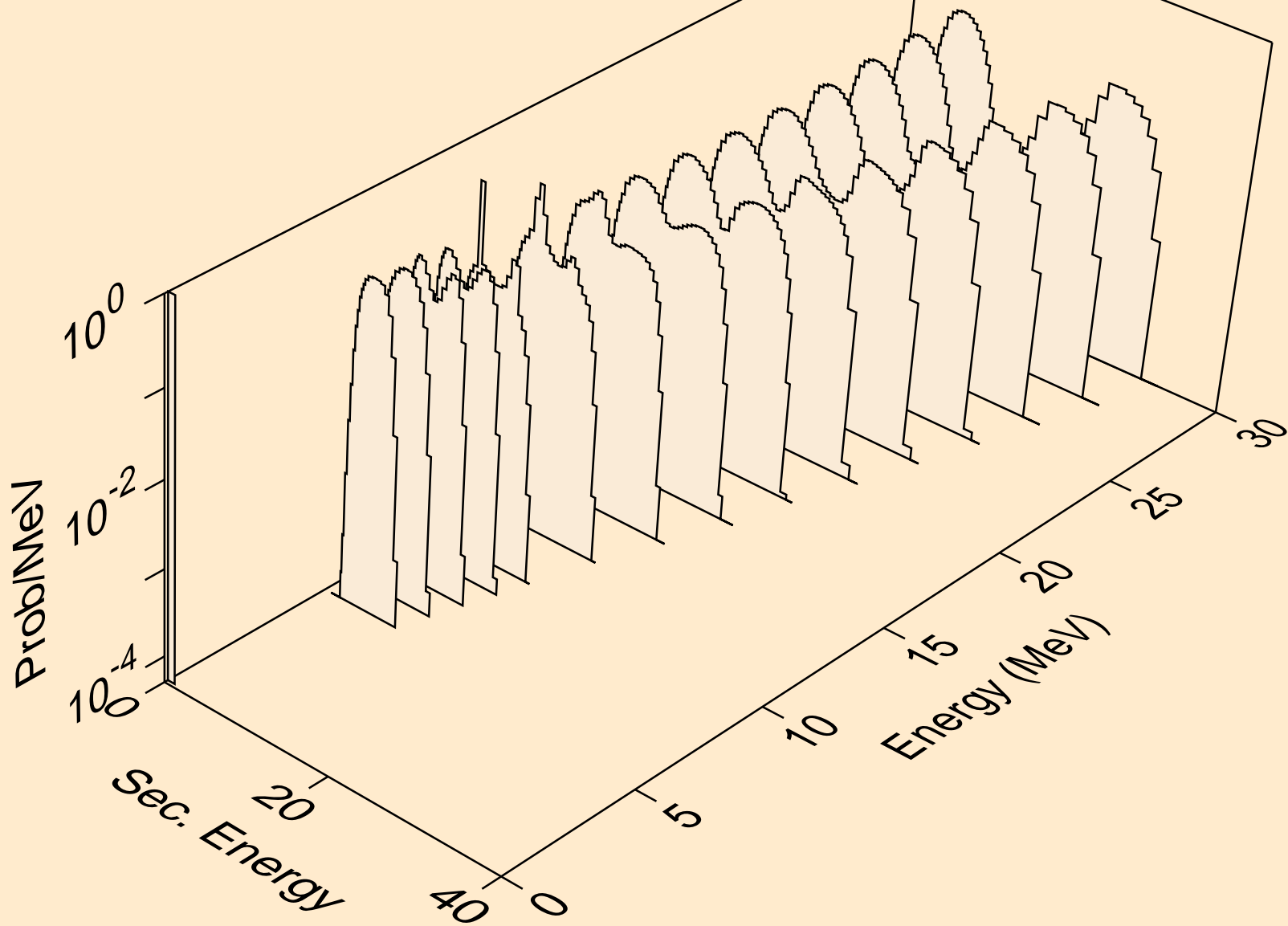
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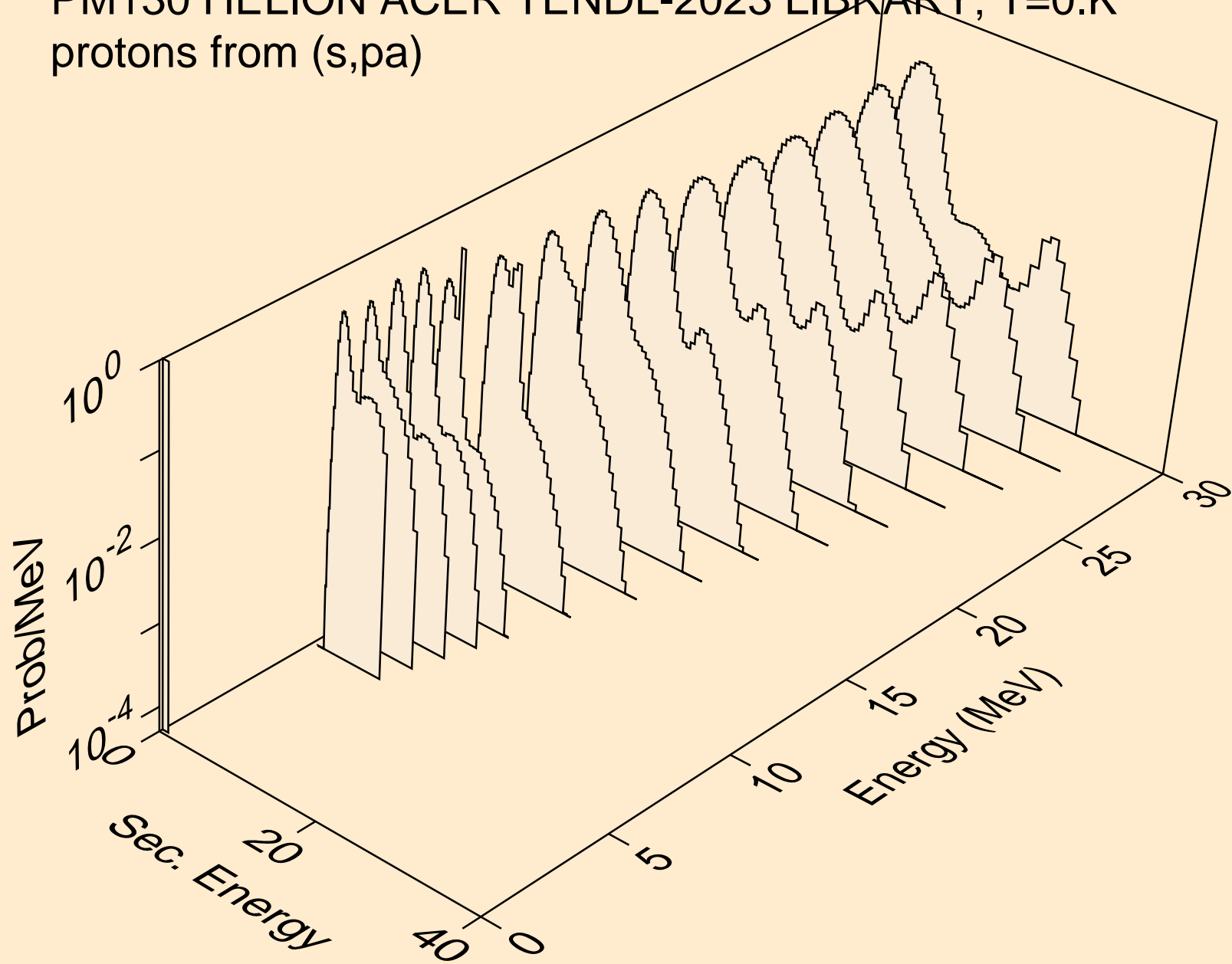
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protons from (s,p)



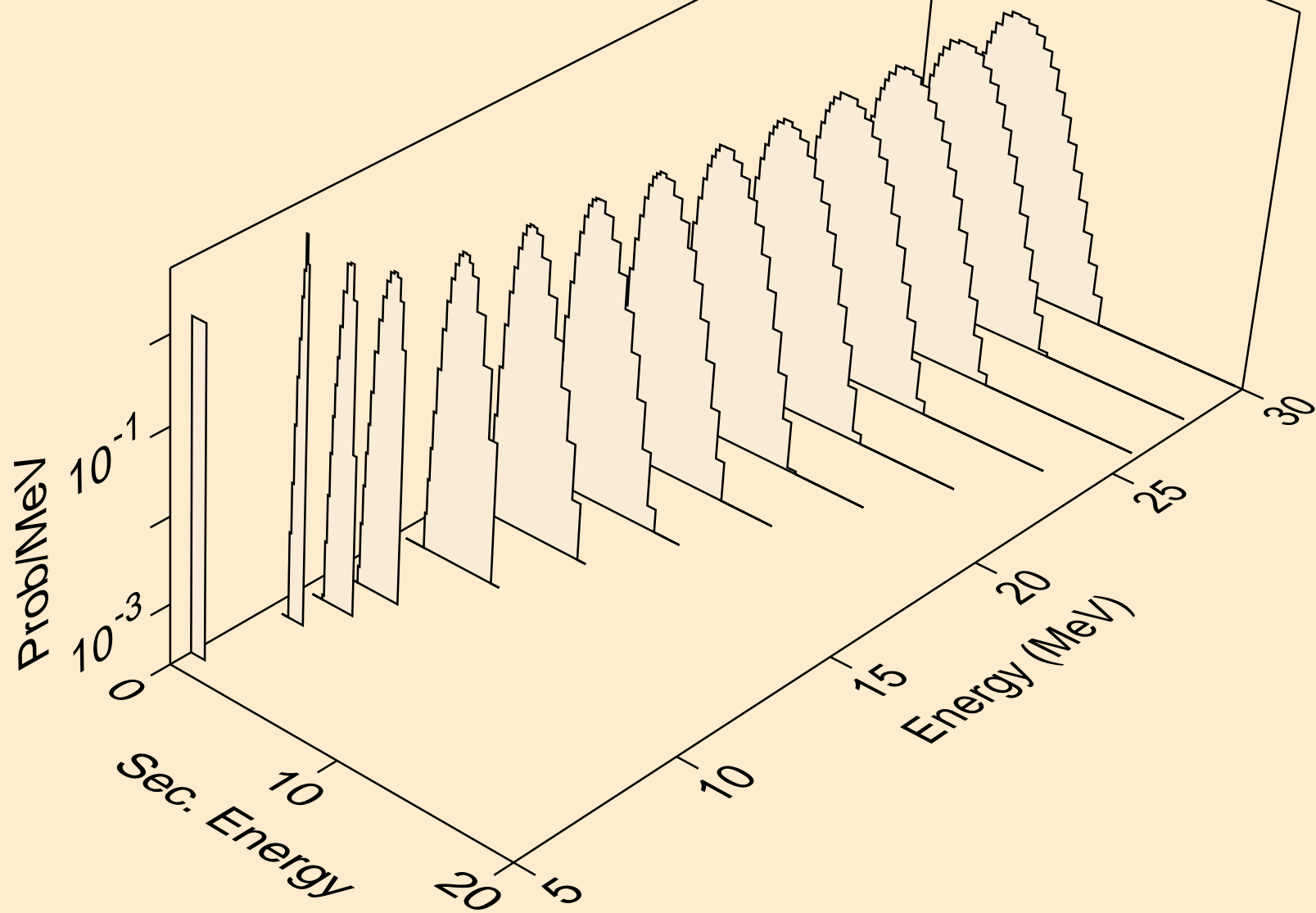
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protons from (s,2p)



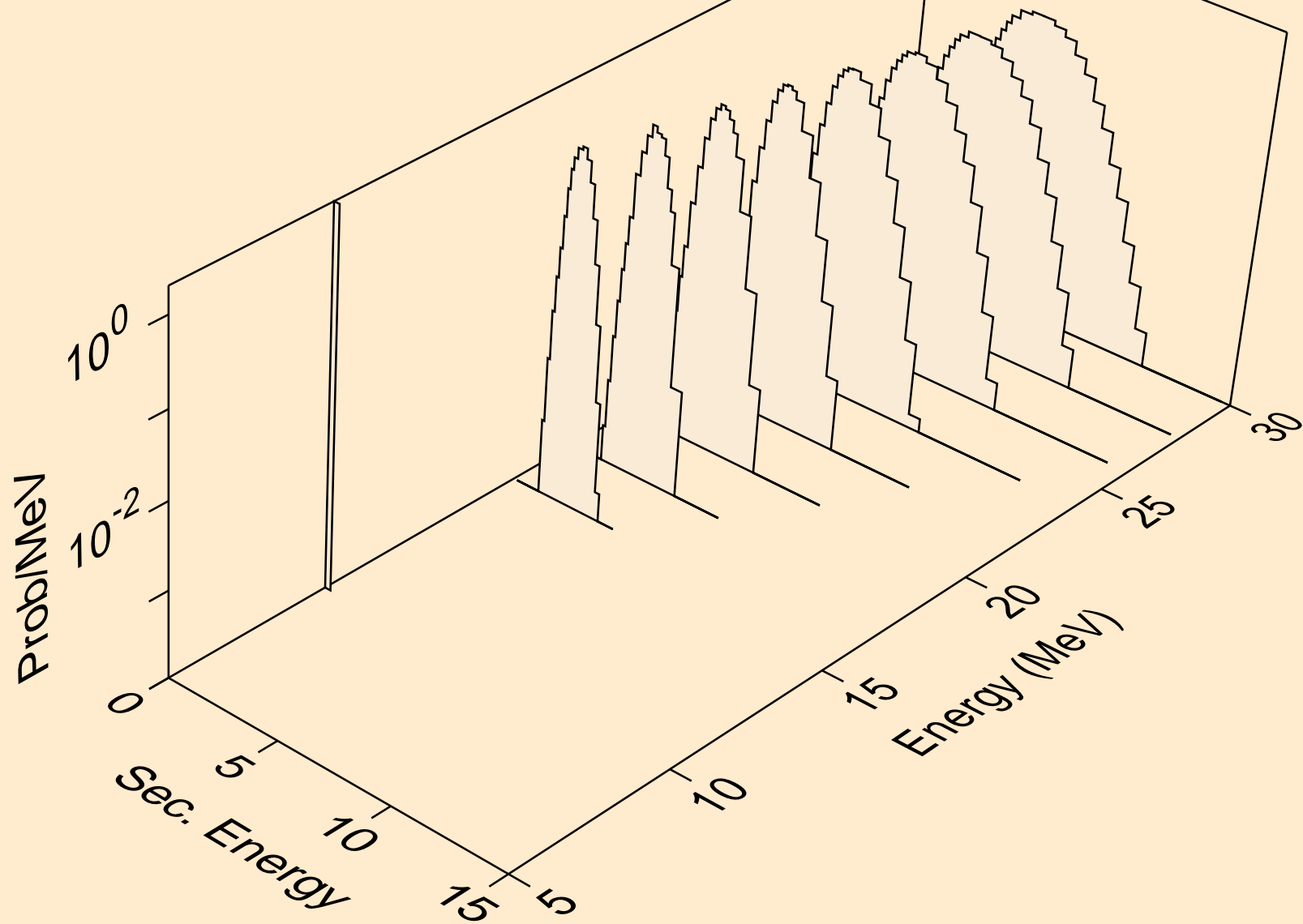
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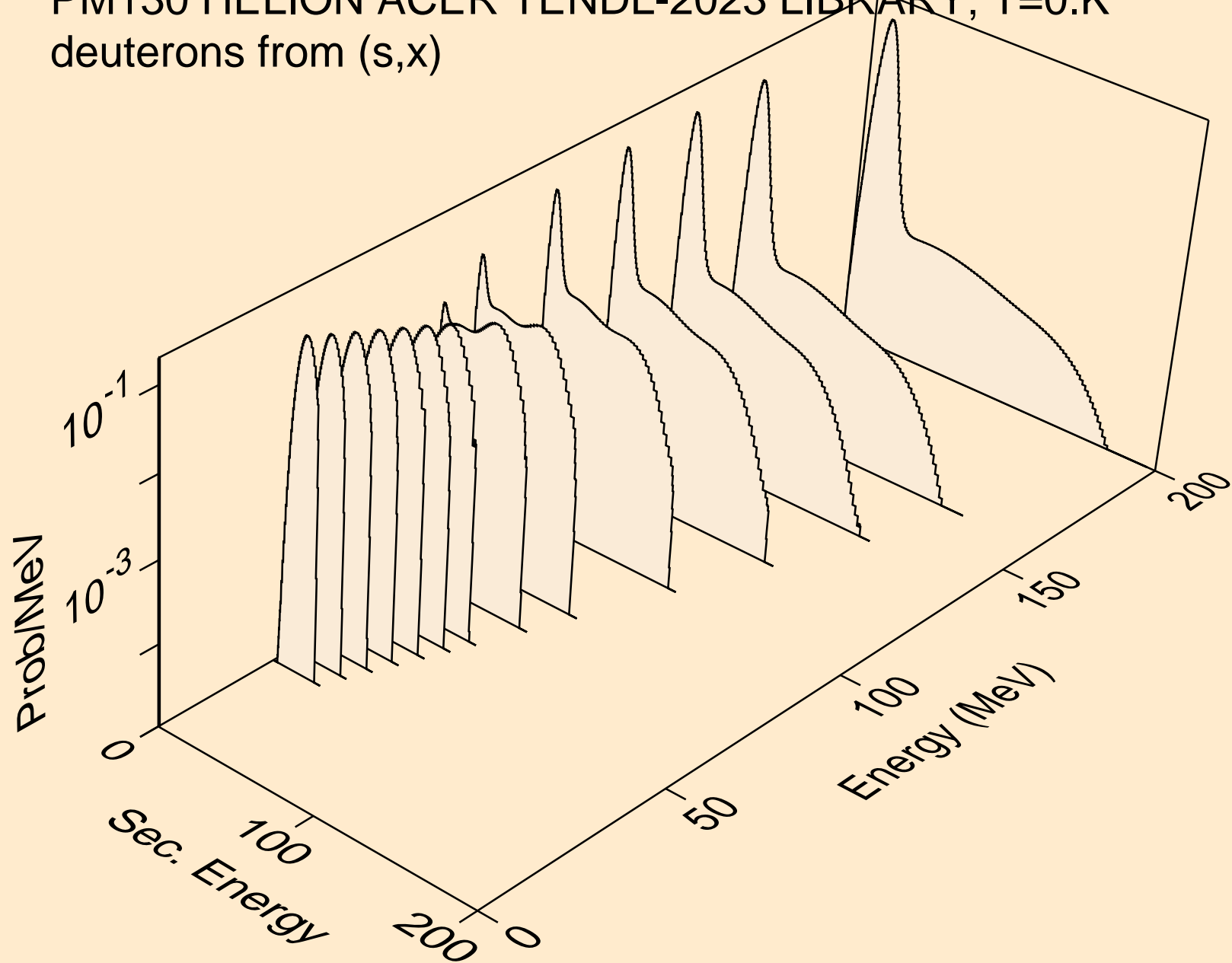
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protons from (s,pd)



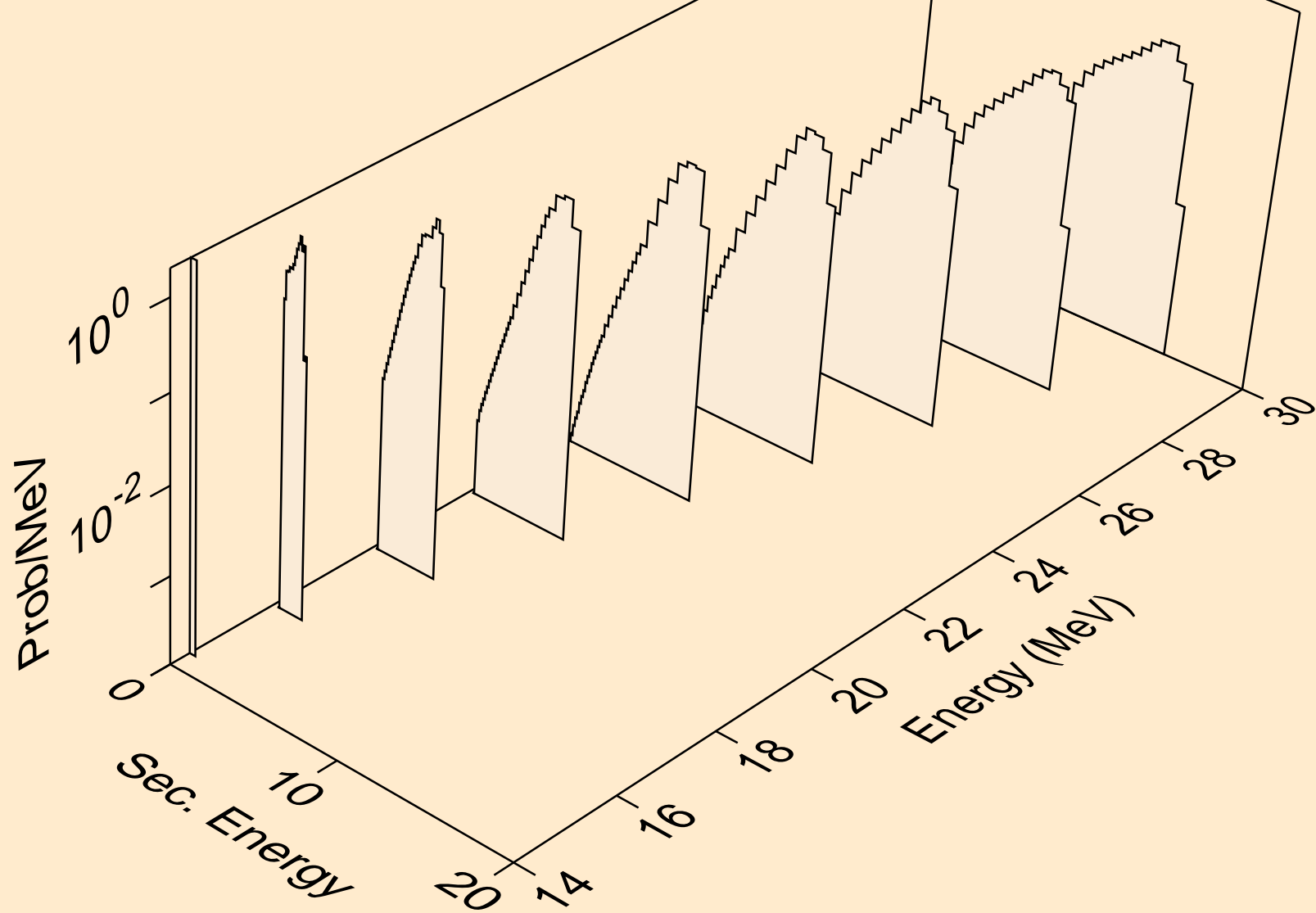
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protons from (s,pt)



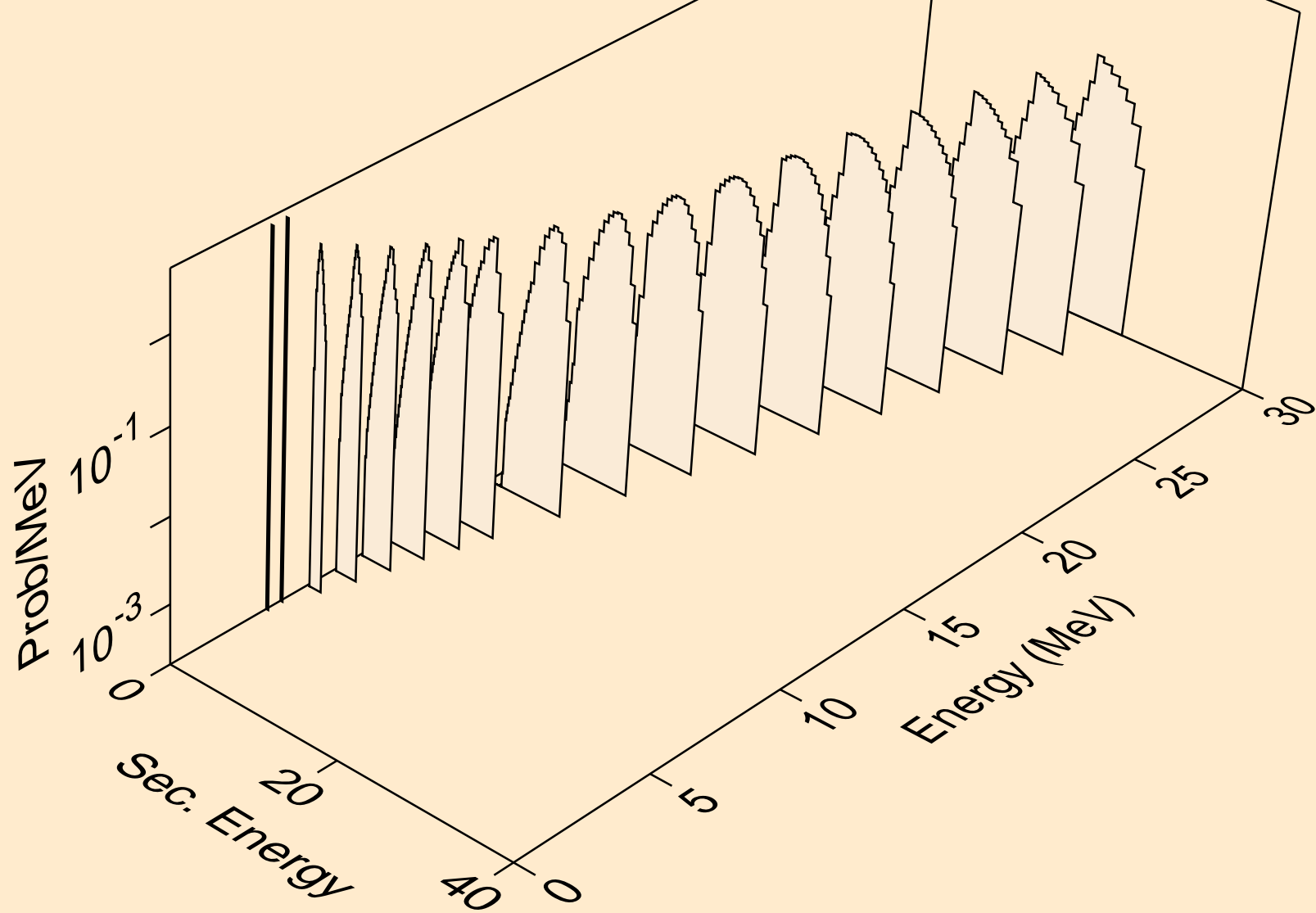
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deuterons from (s,x)



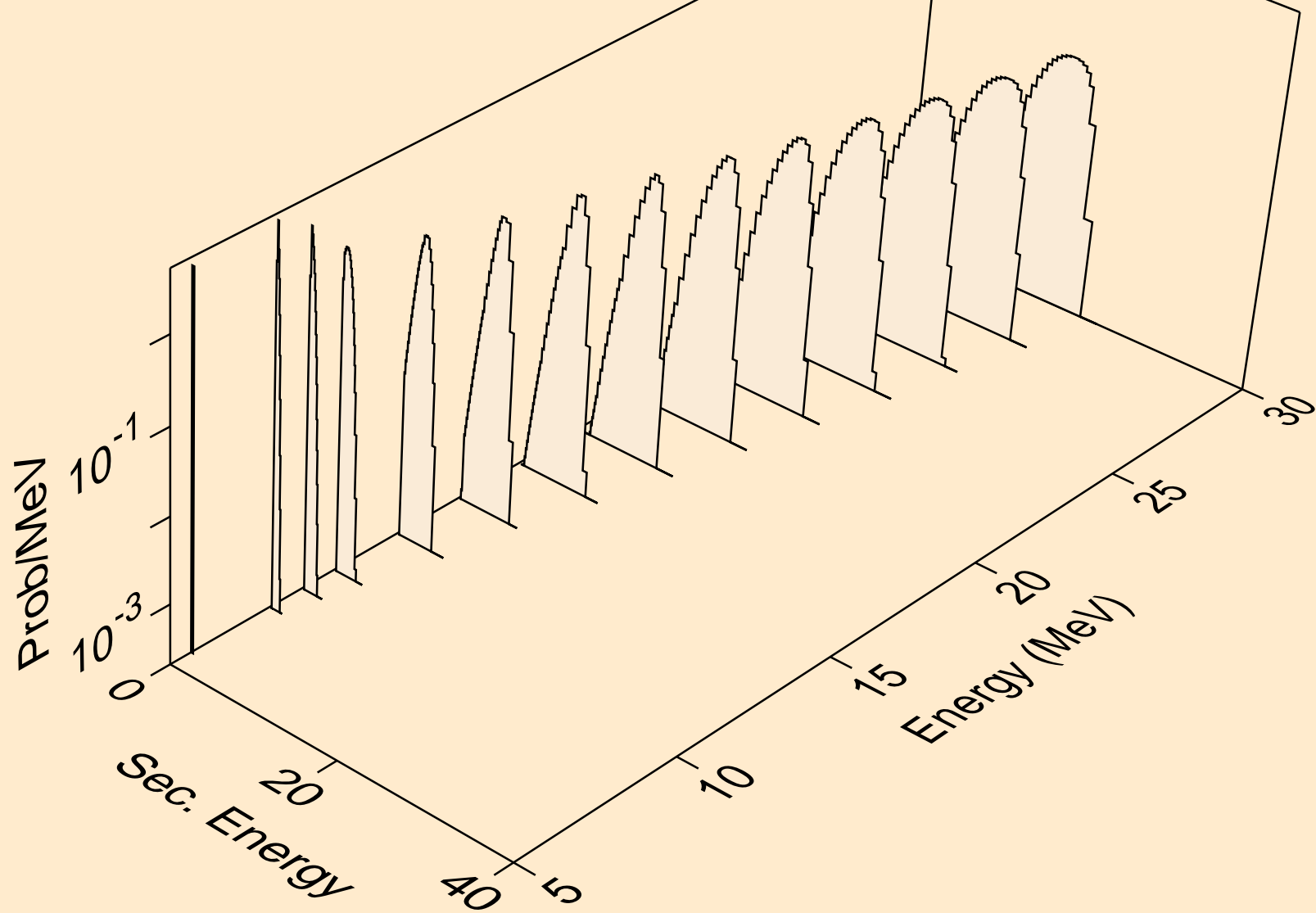
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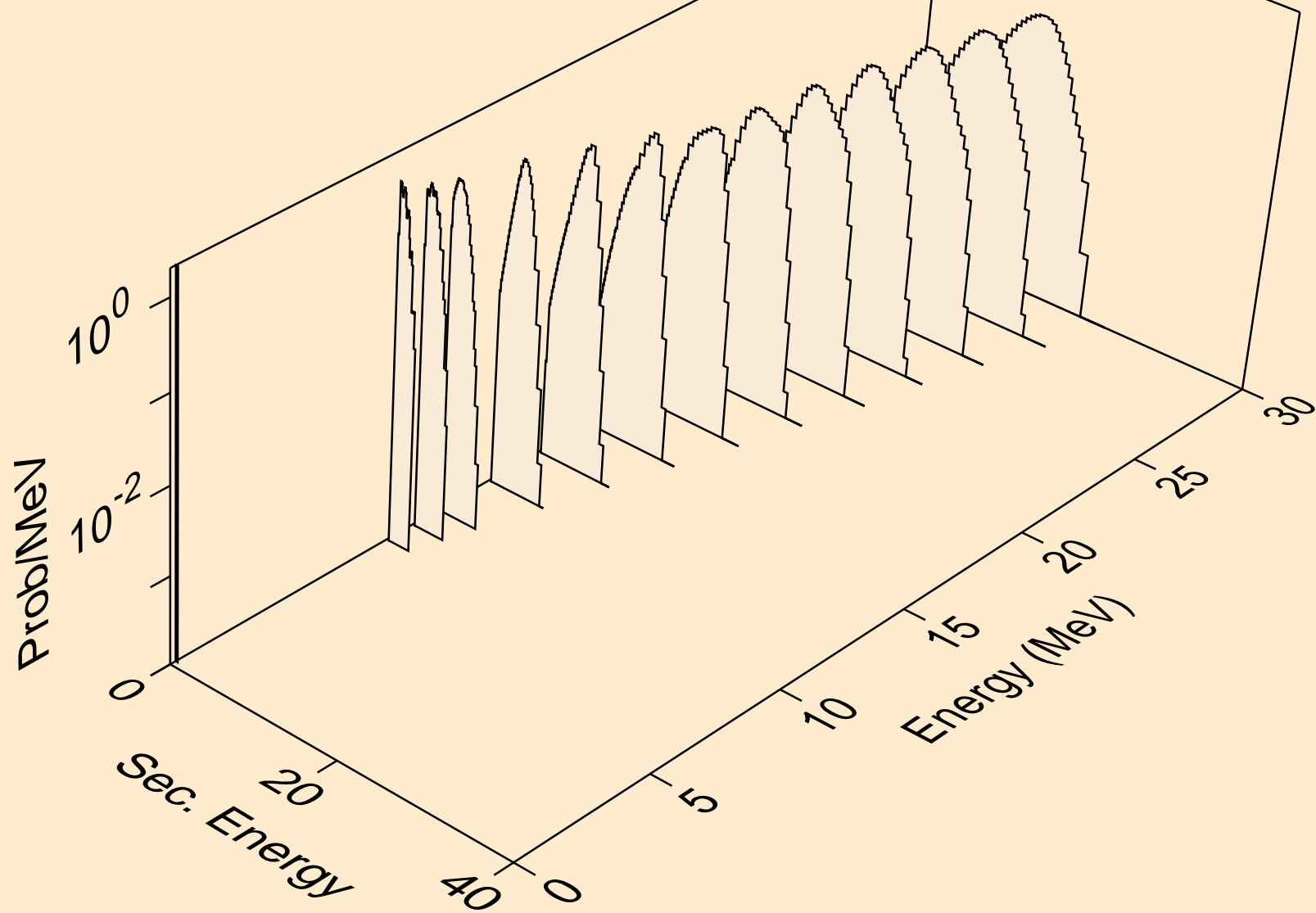
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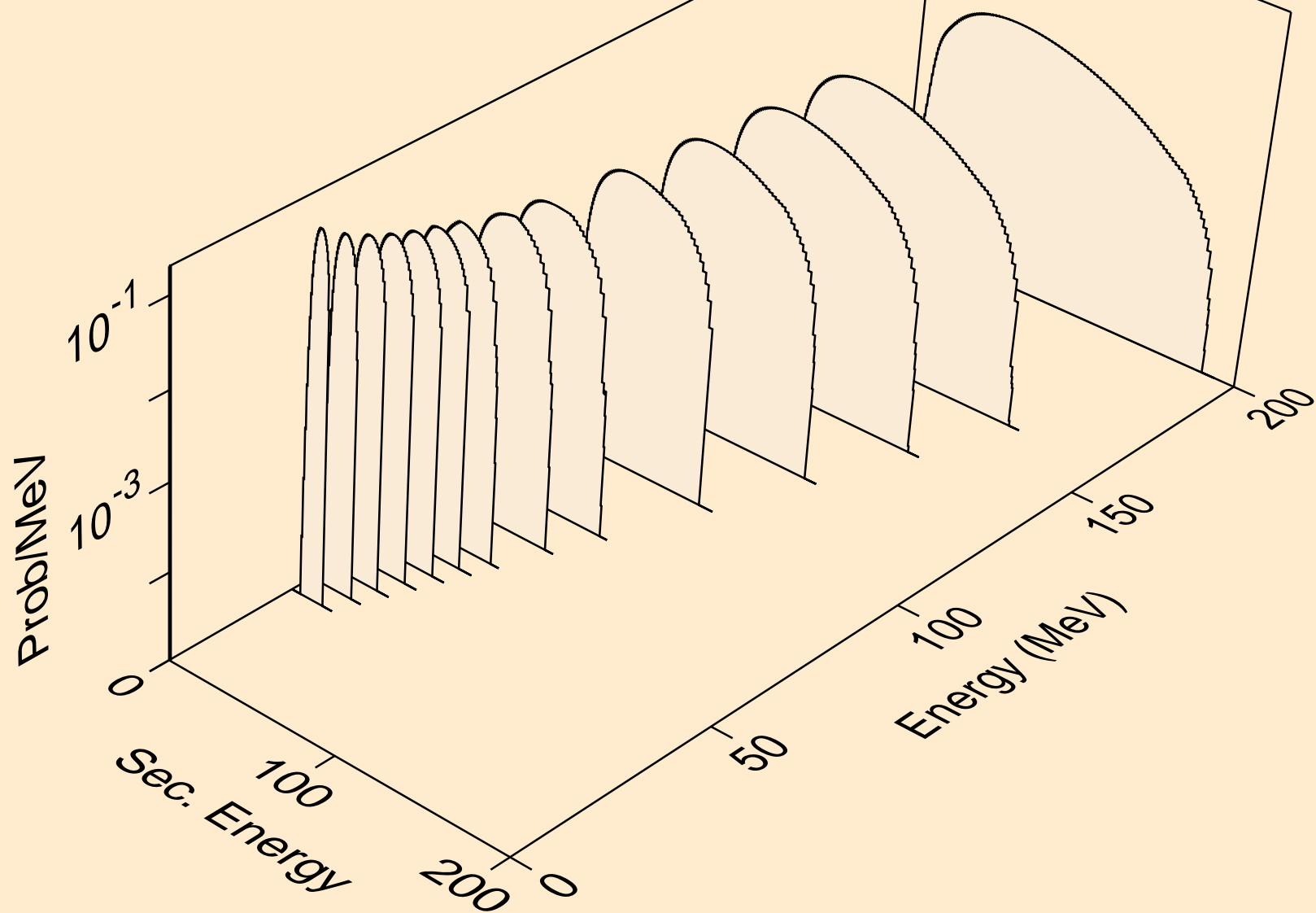
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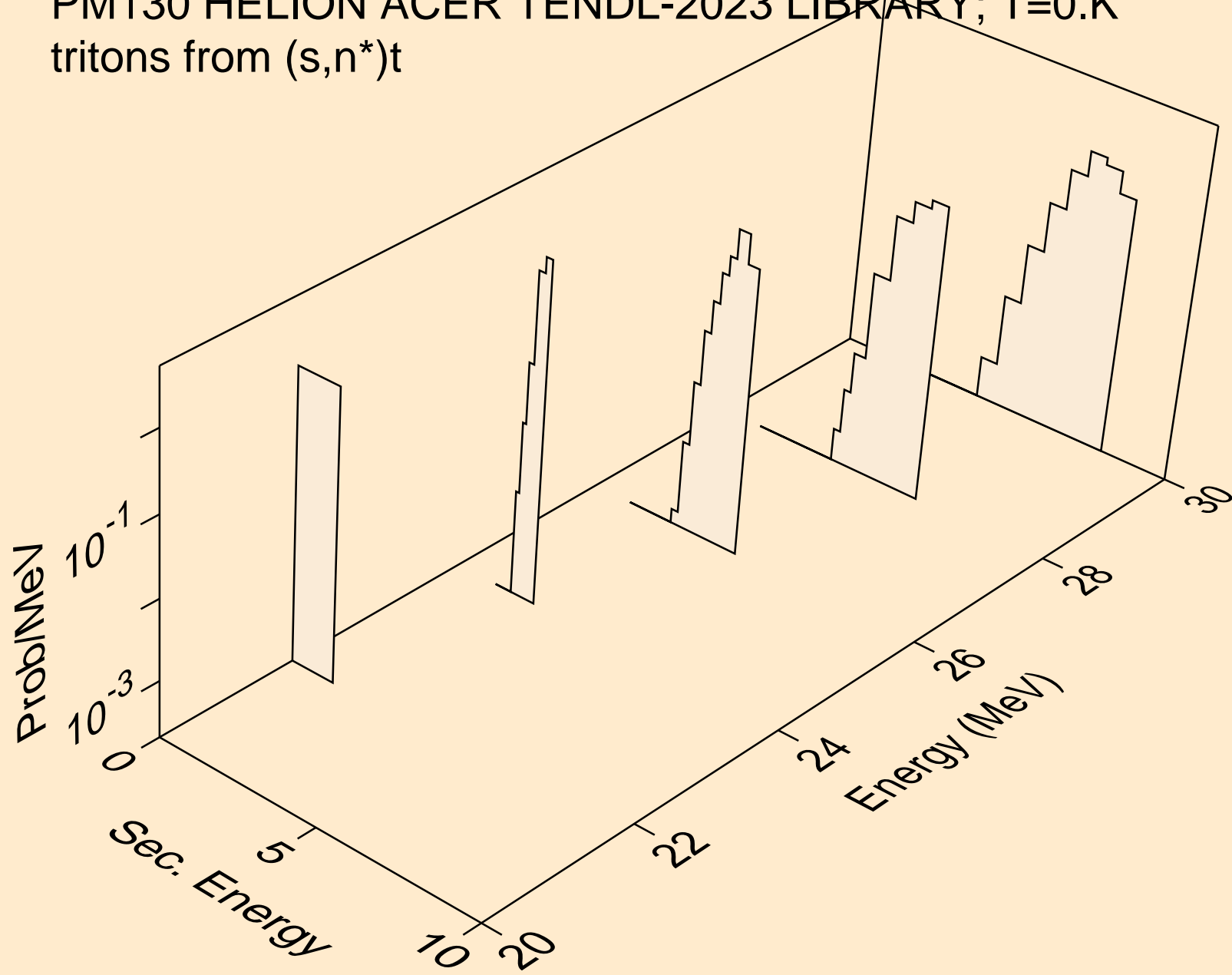
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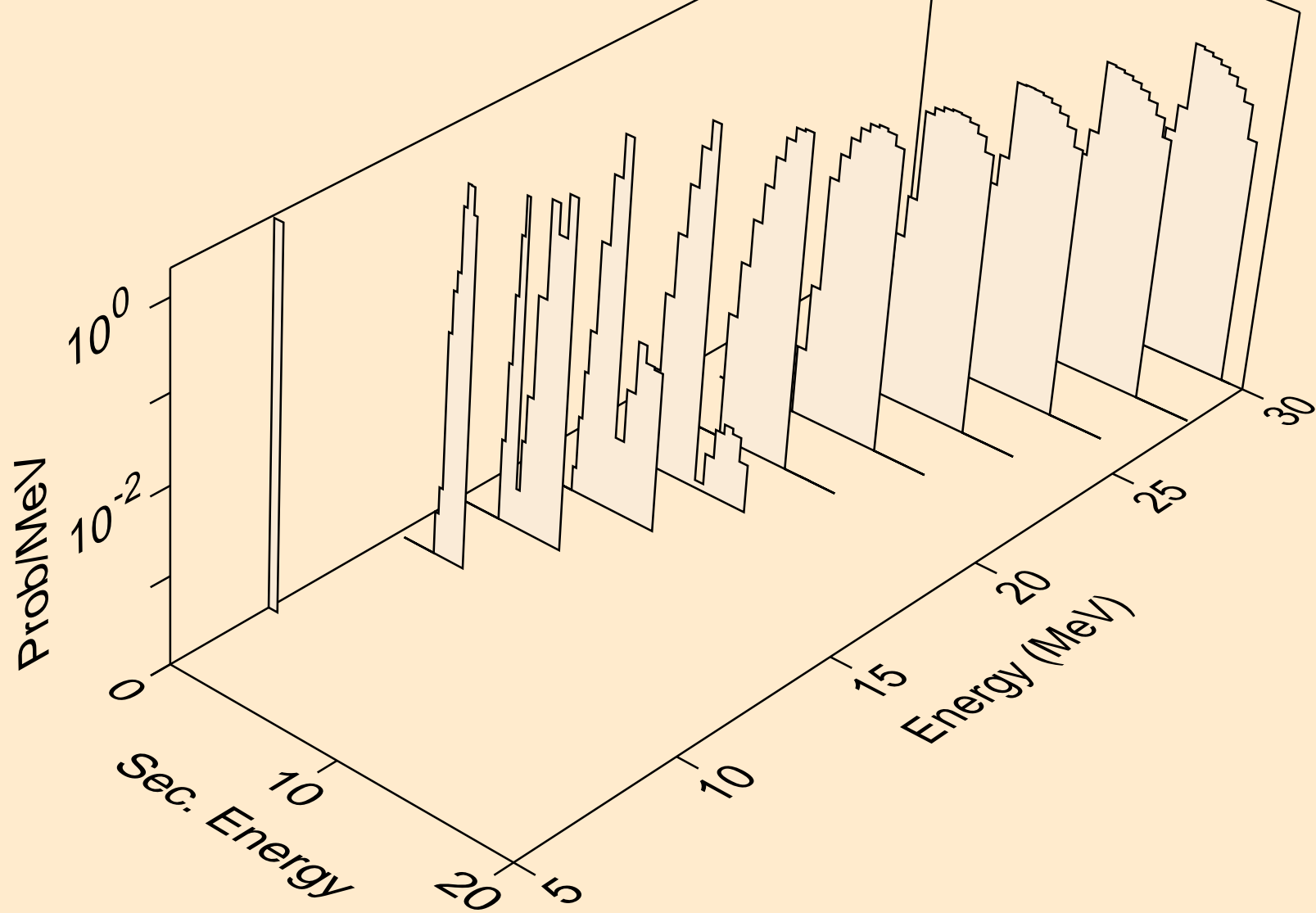
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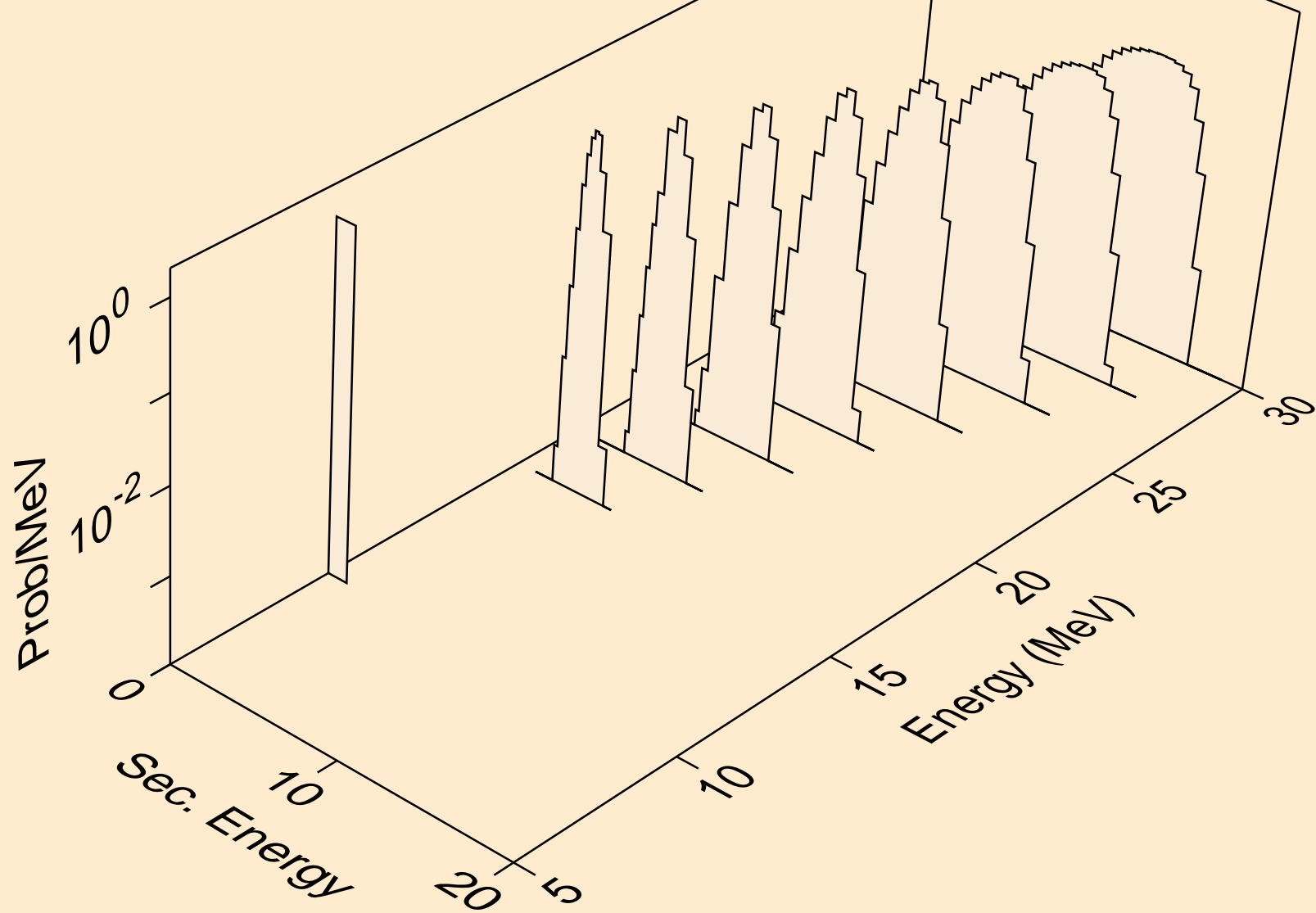
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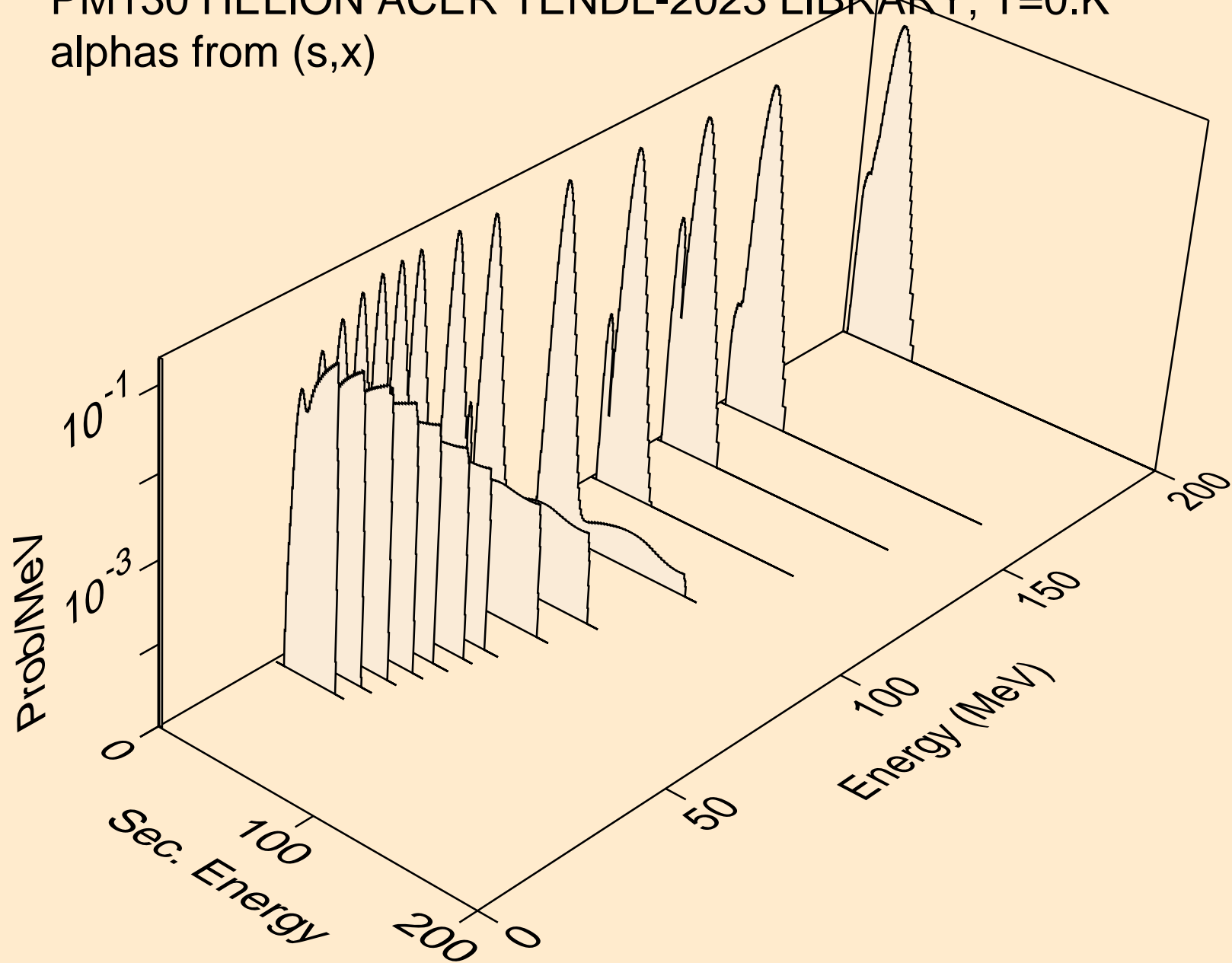
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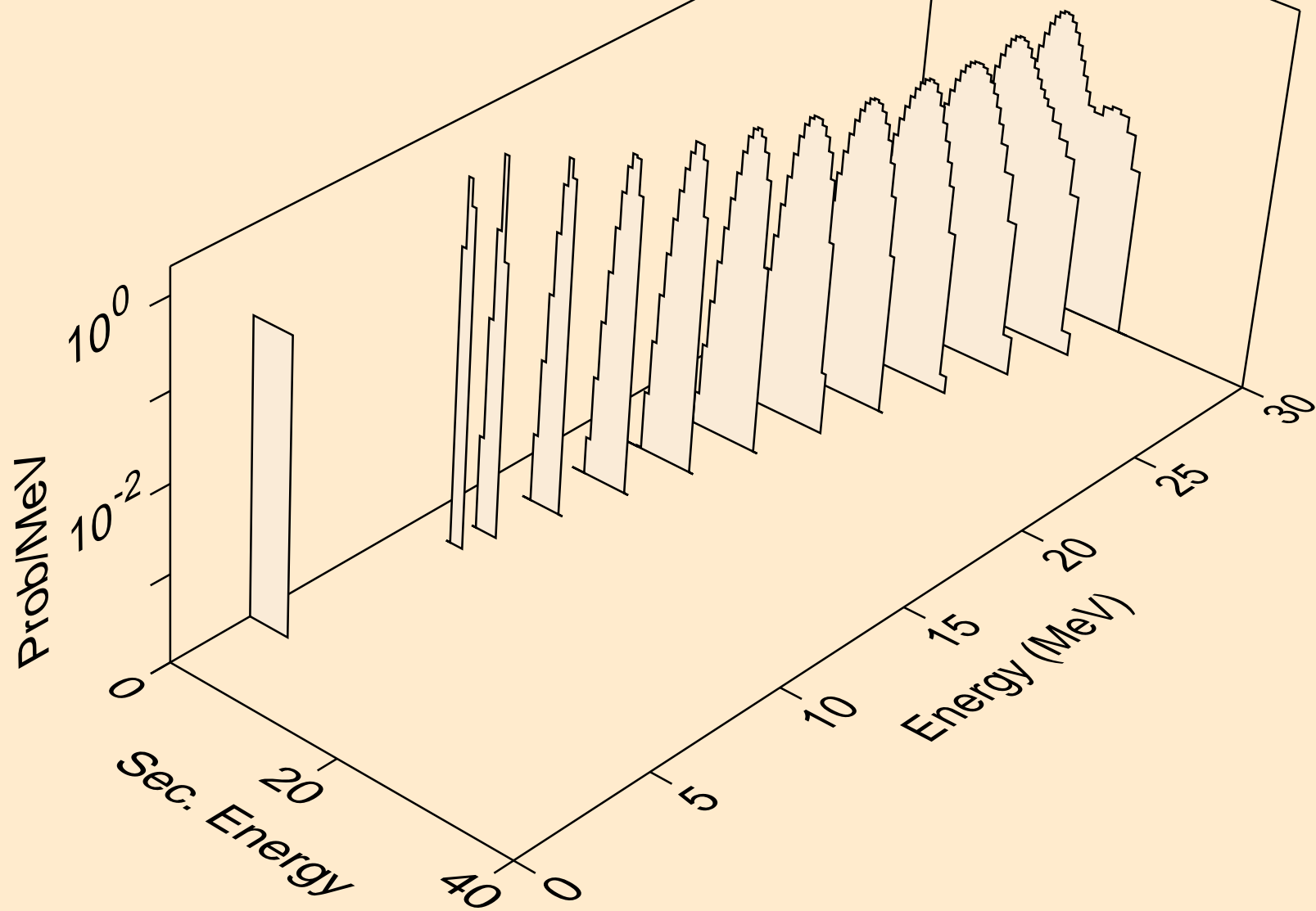
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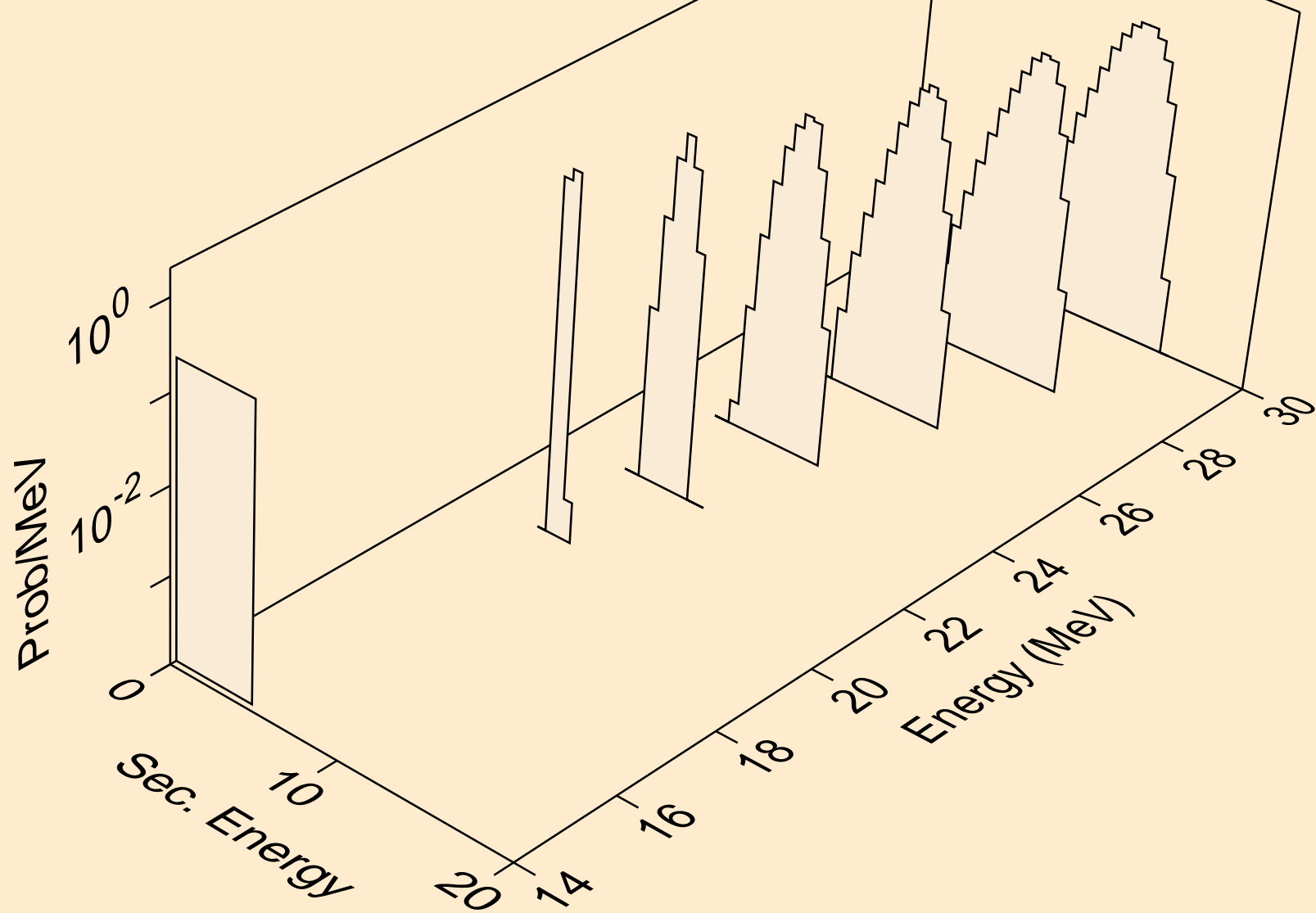
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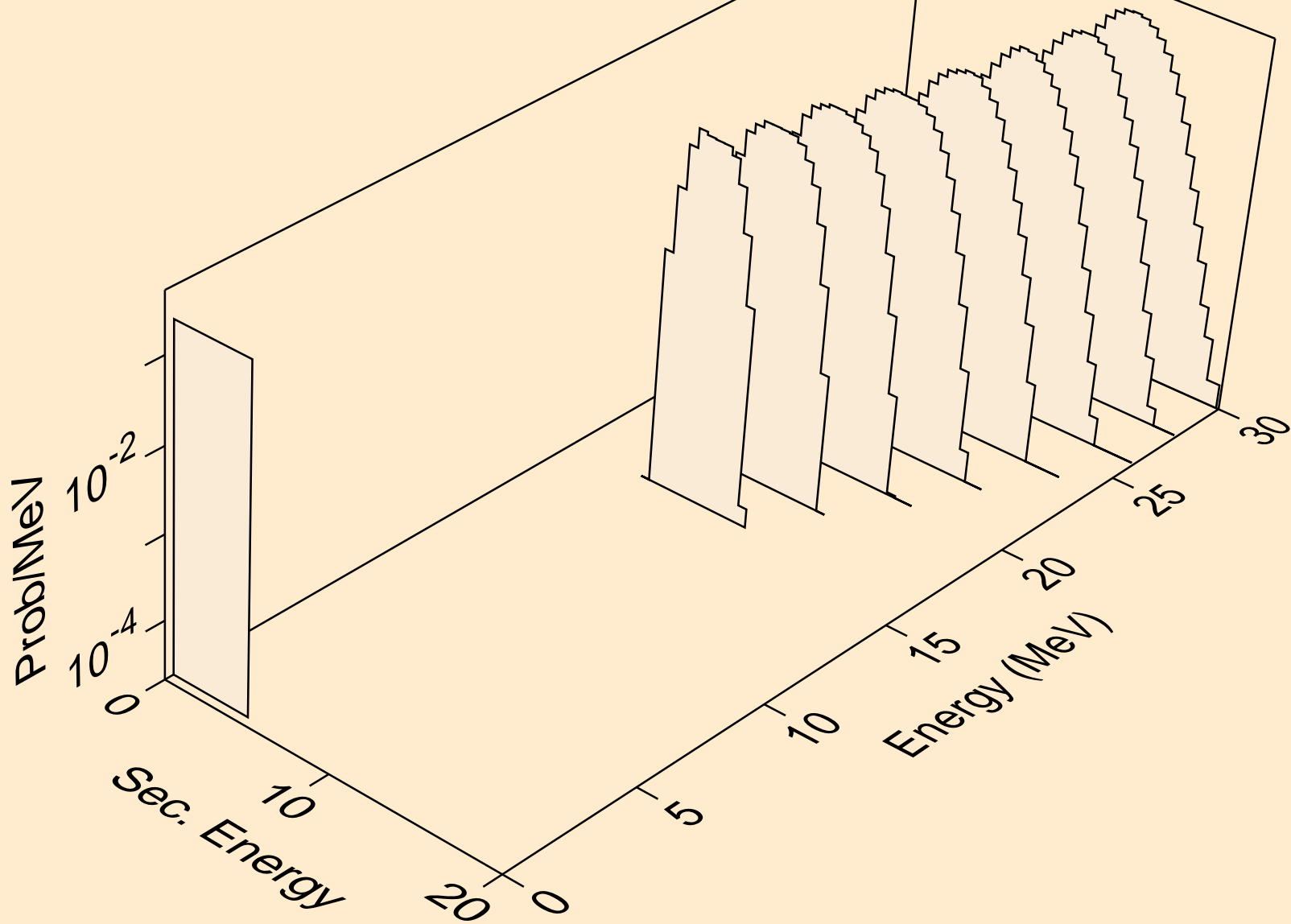
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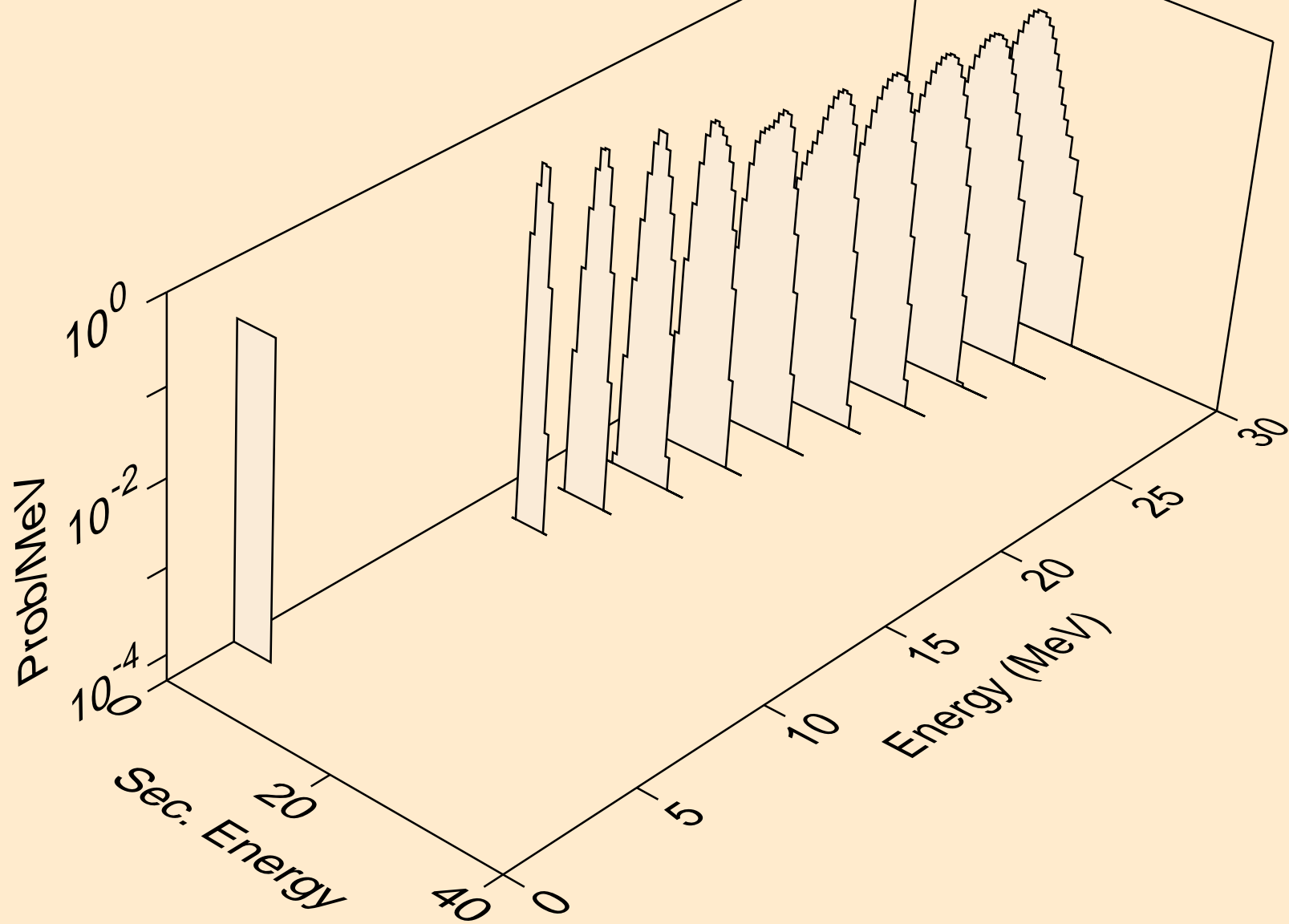
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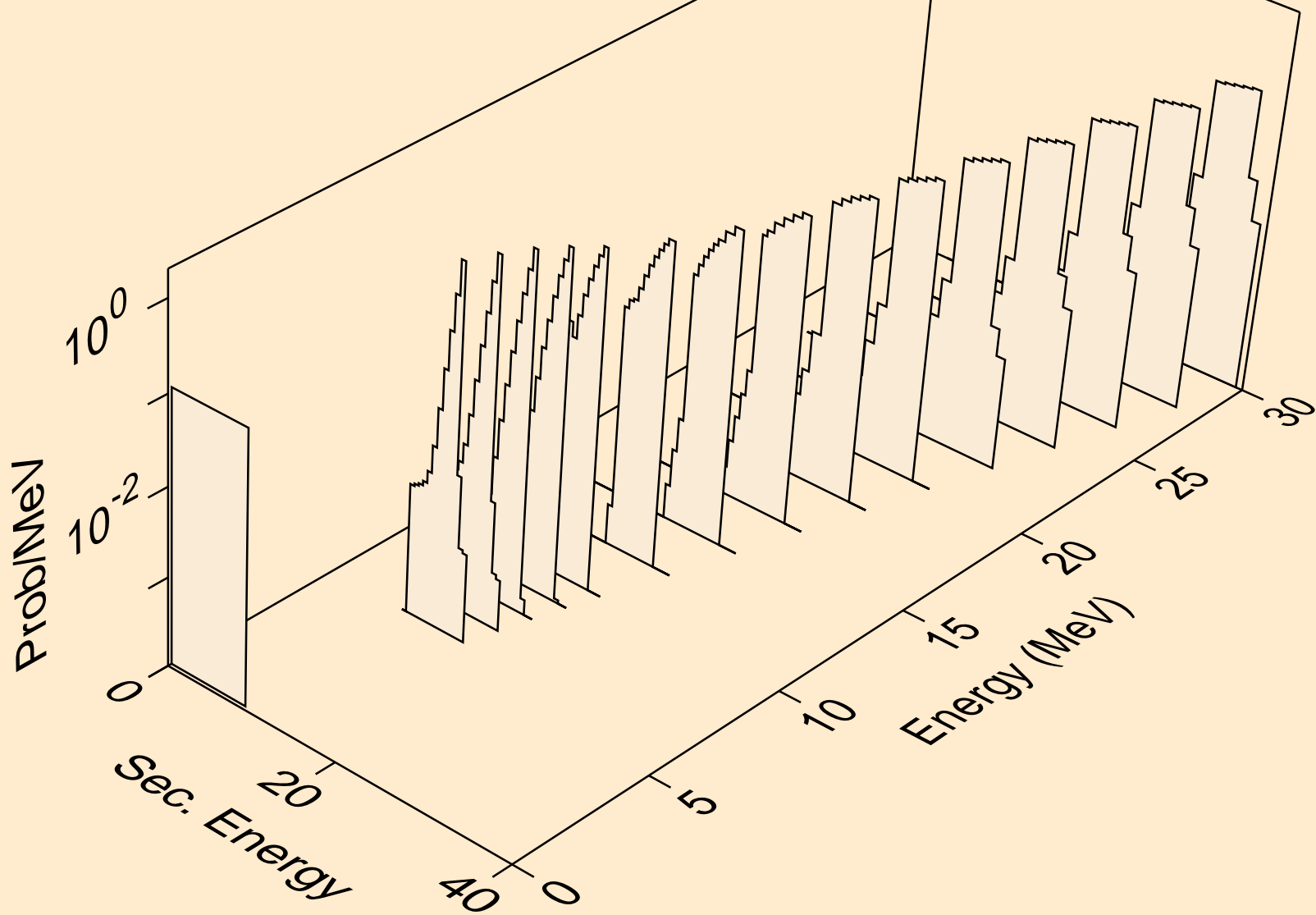
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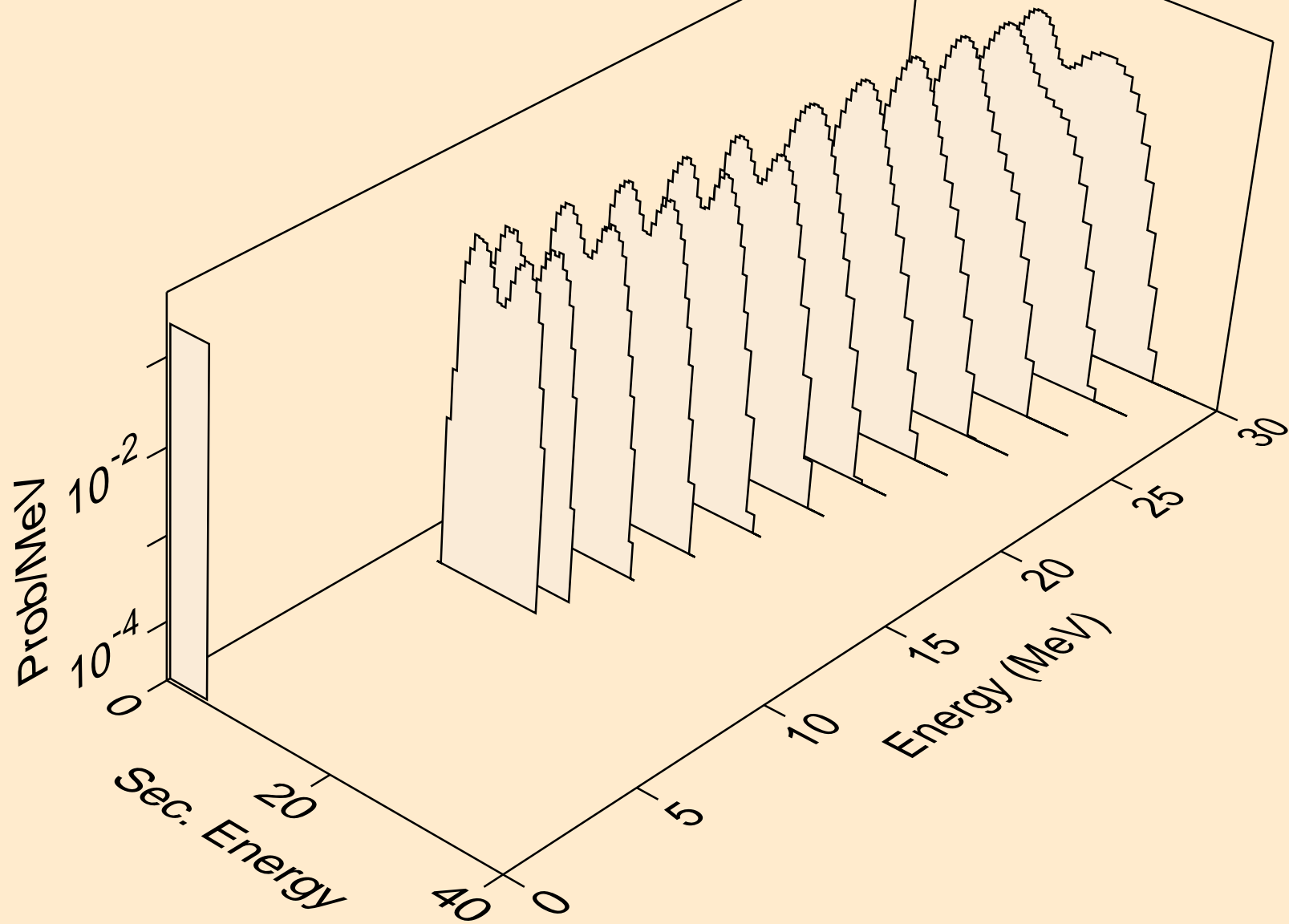
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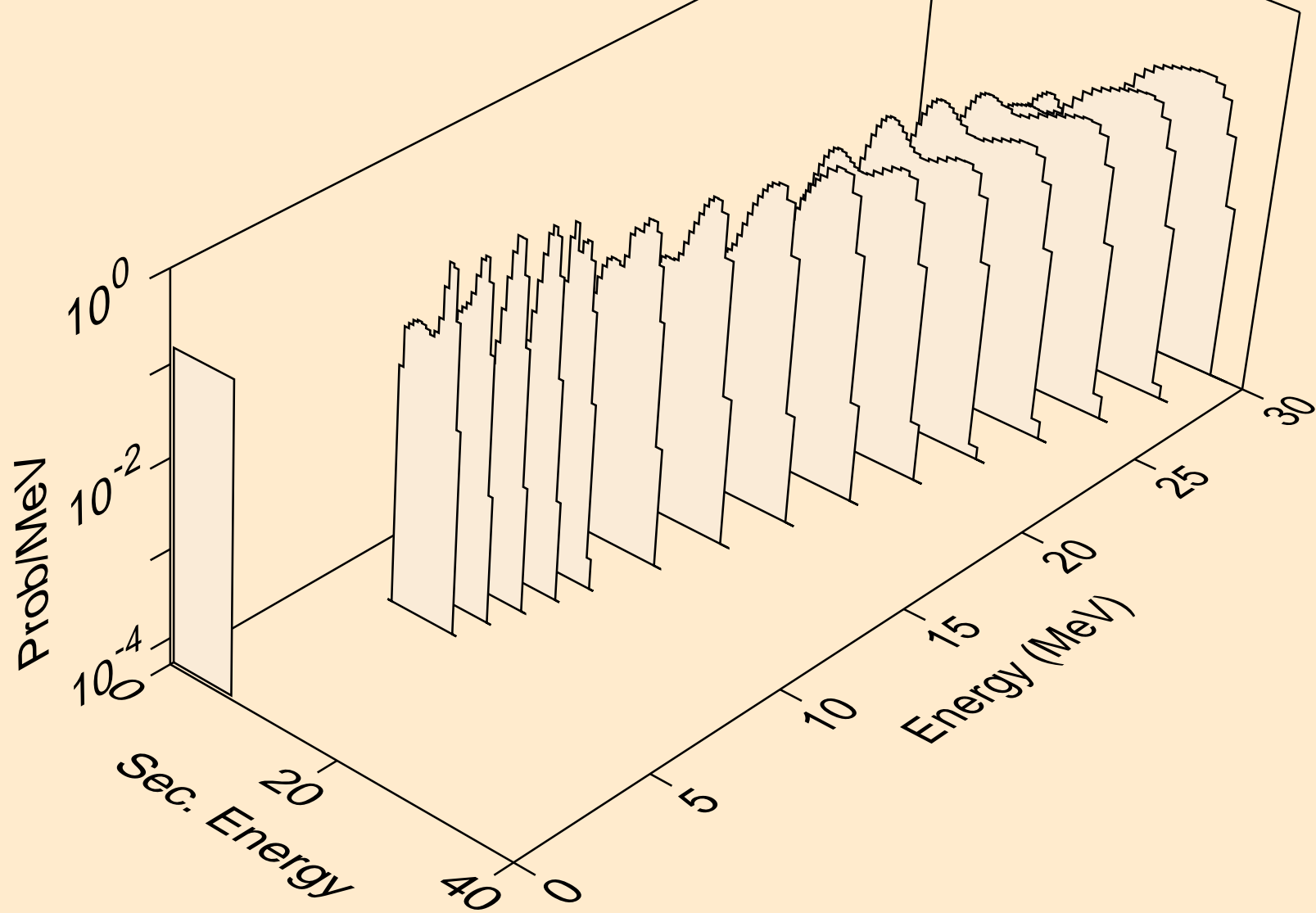
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alphas from (s,a)



PM130 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2a)



PM130 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,pa)



PM130 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,da)

