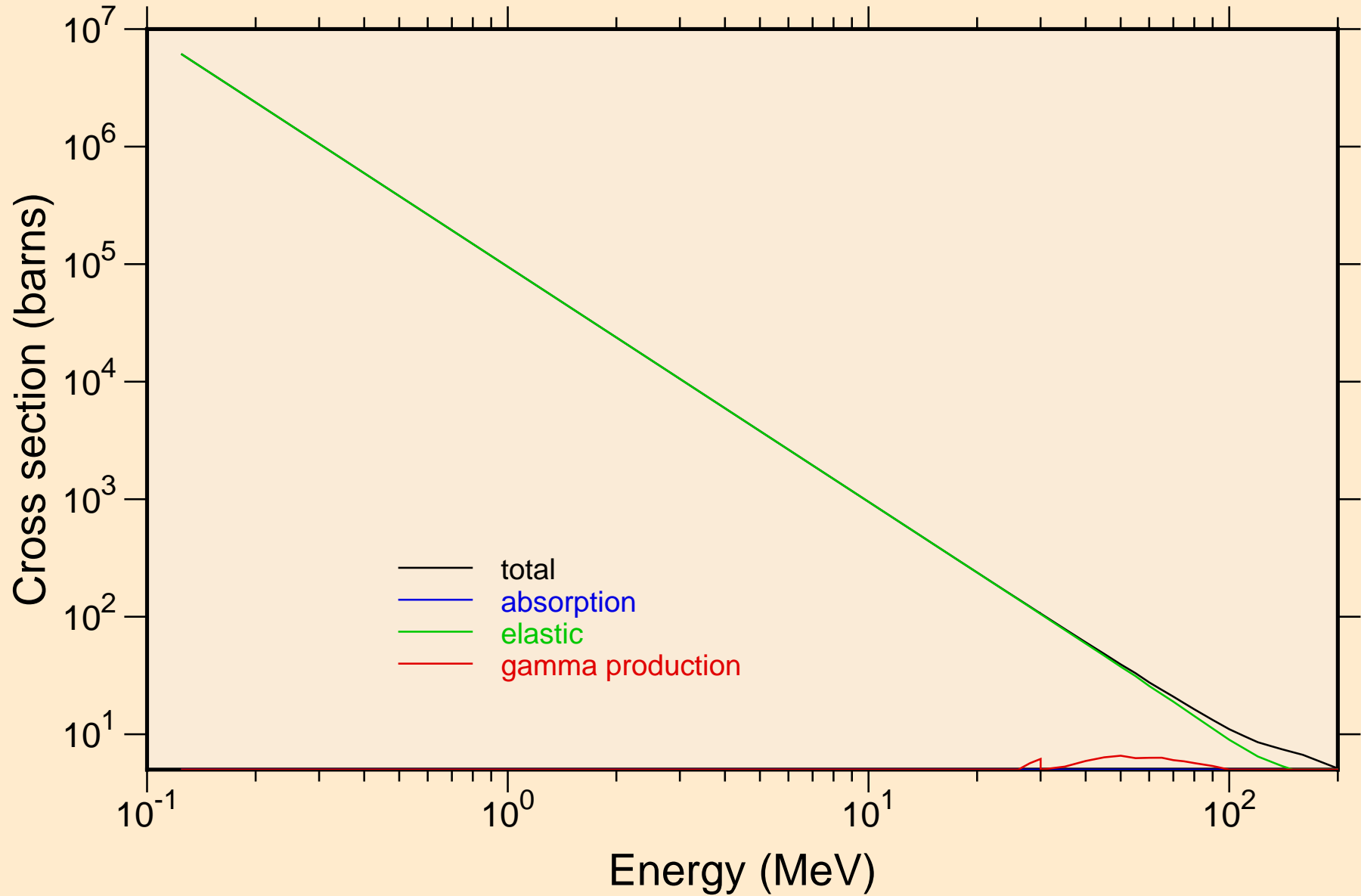
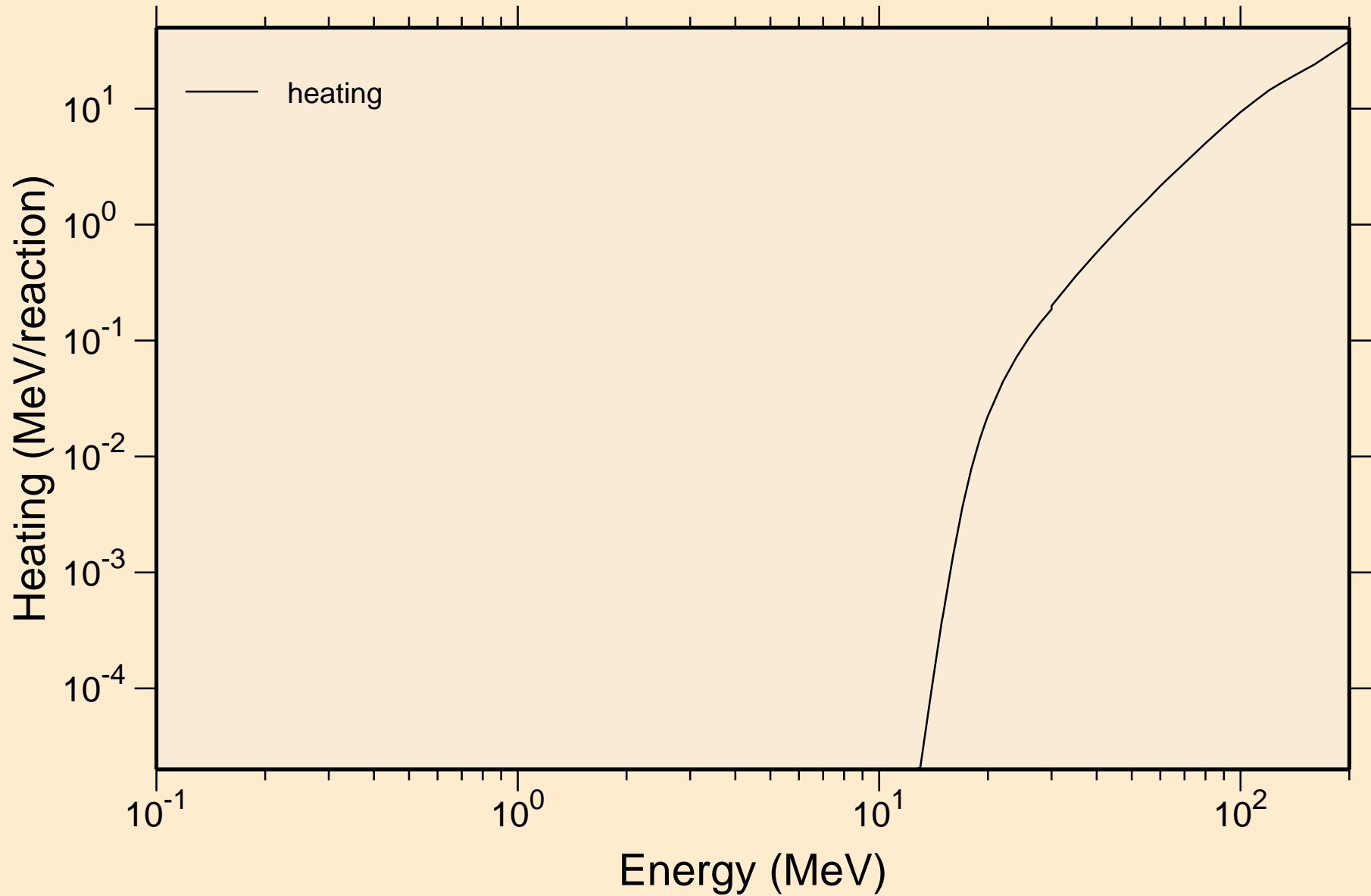


PM147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections



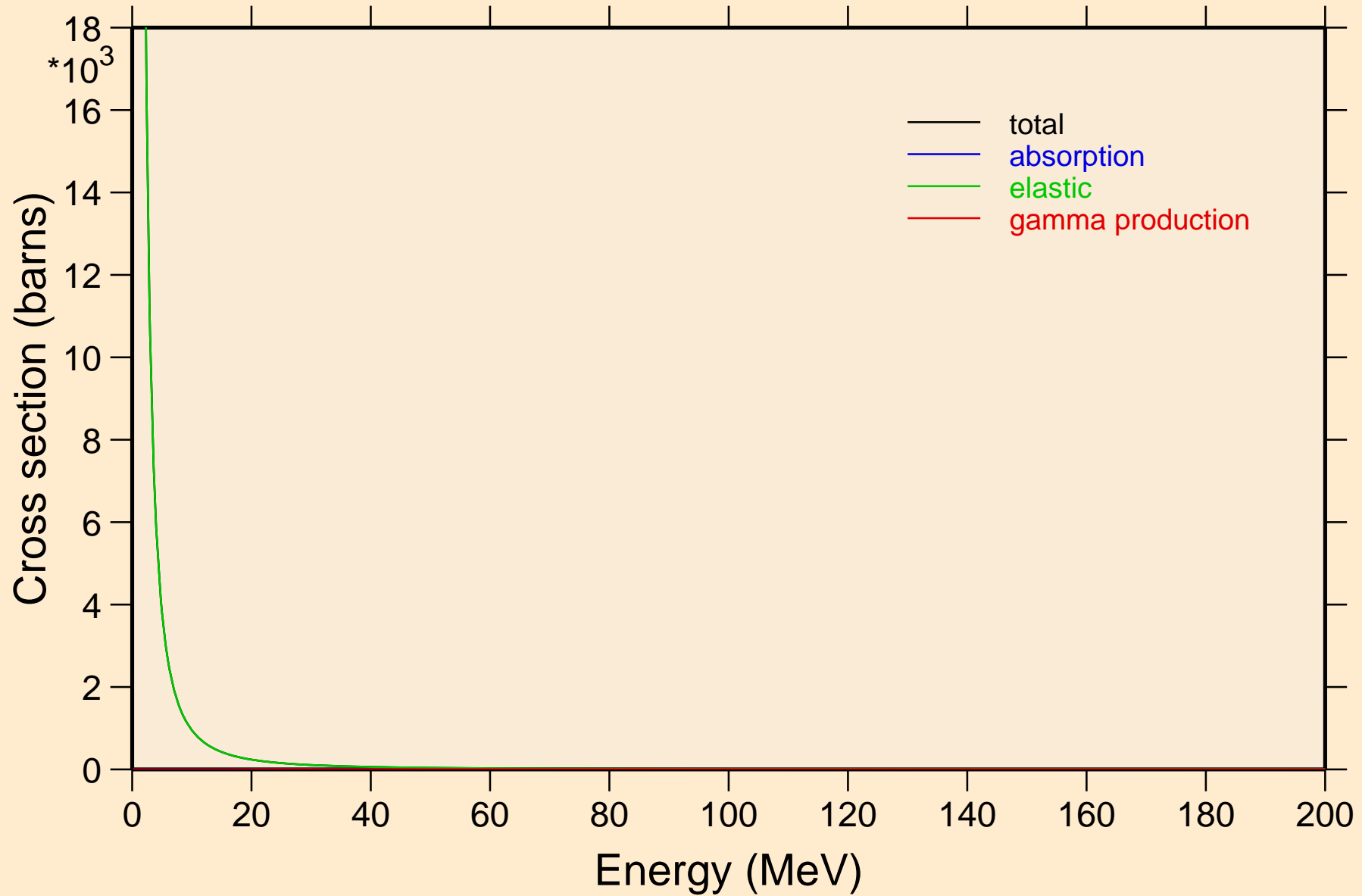
PM147 HELION ACER TENDL-2021 LIBRARY; T=0.K

Heating



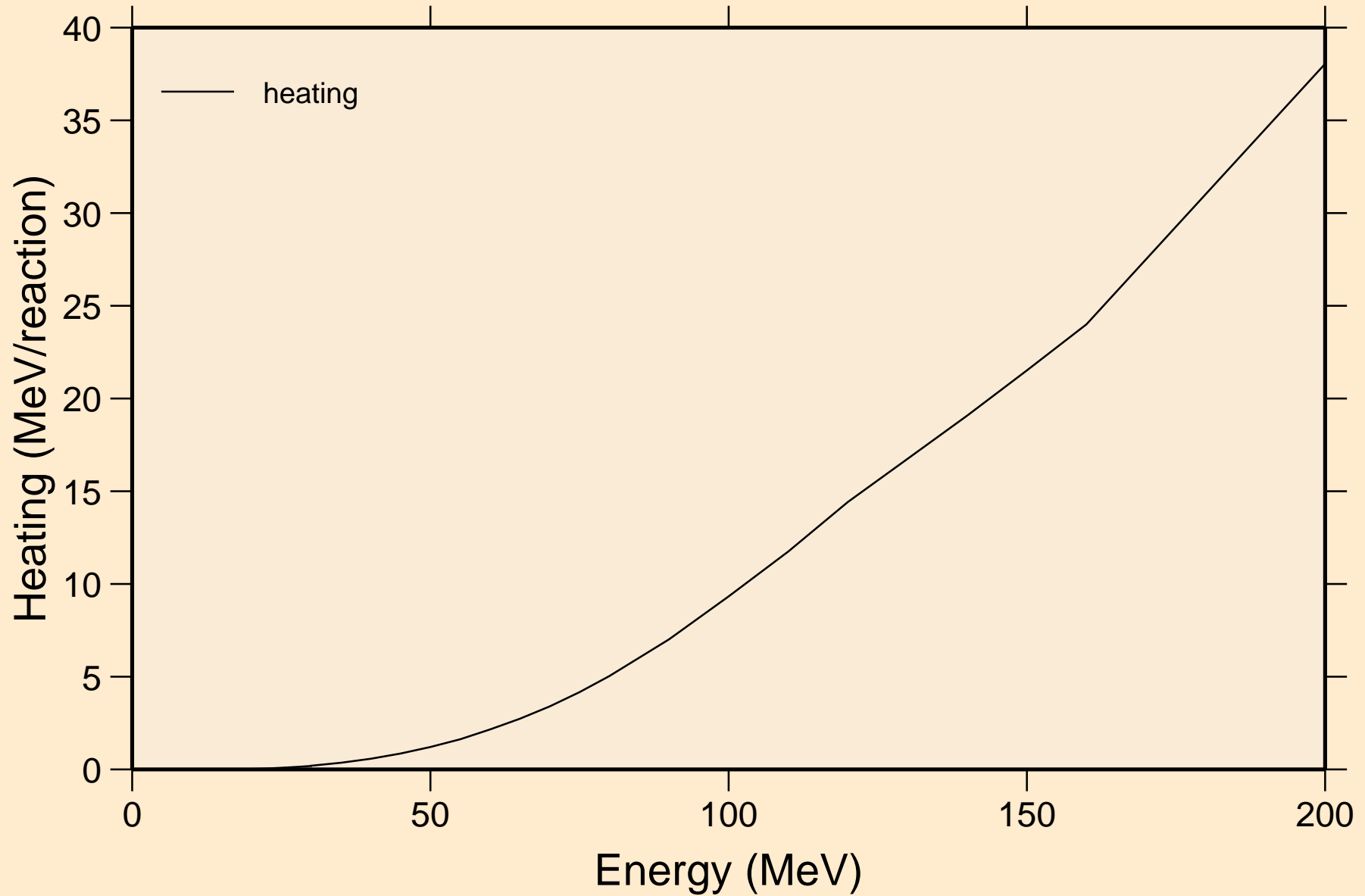
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## Principal cross sections

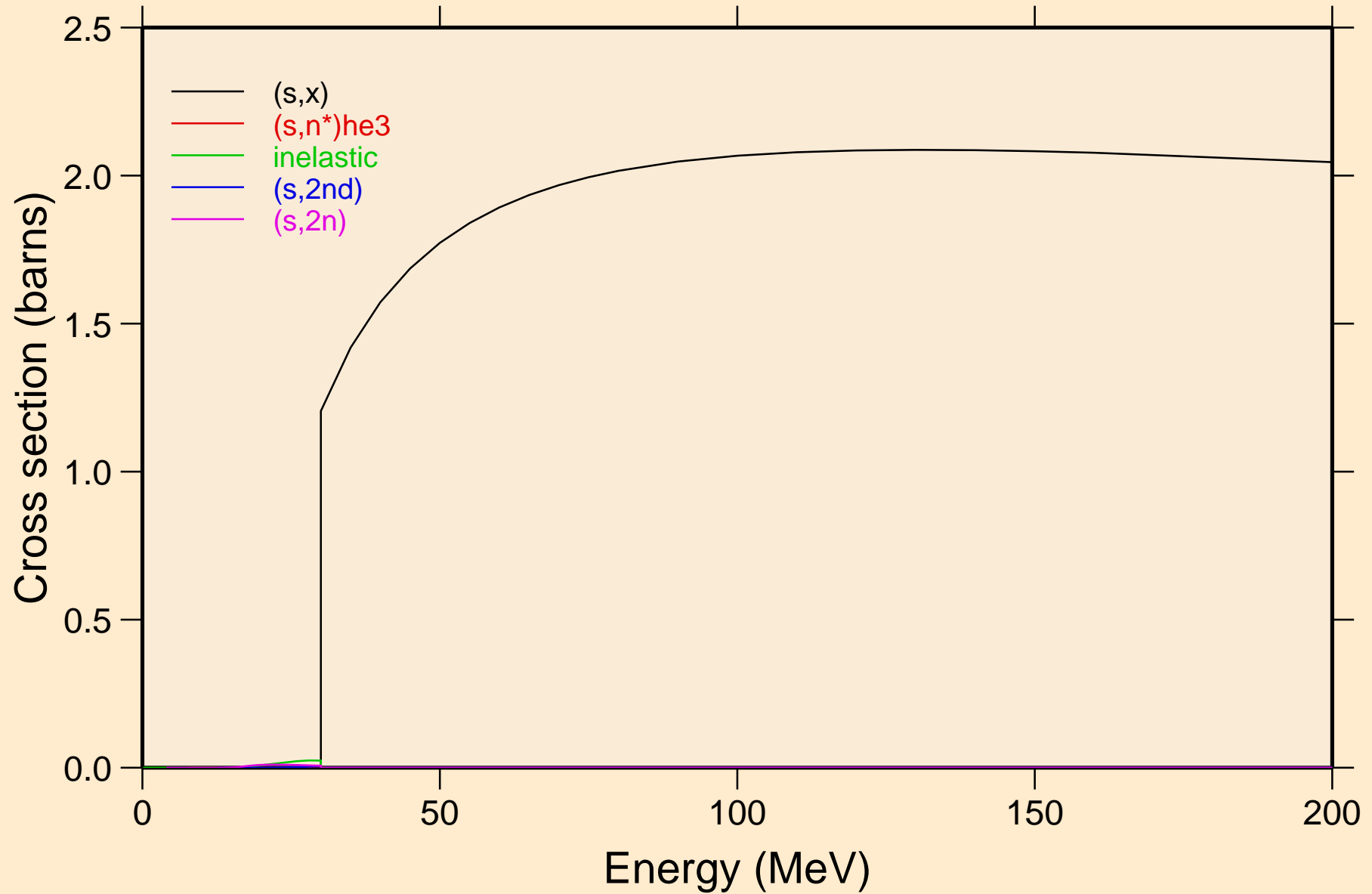


PM147 HELION ACER TENDL-2021 LIBRARY; T=0.K

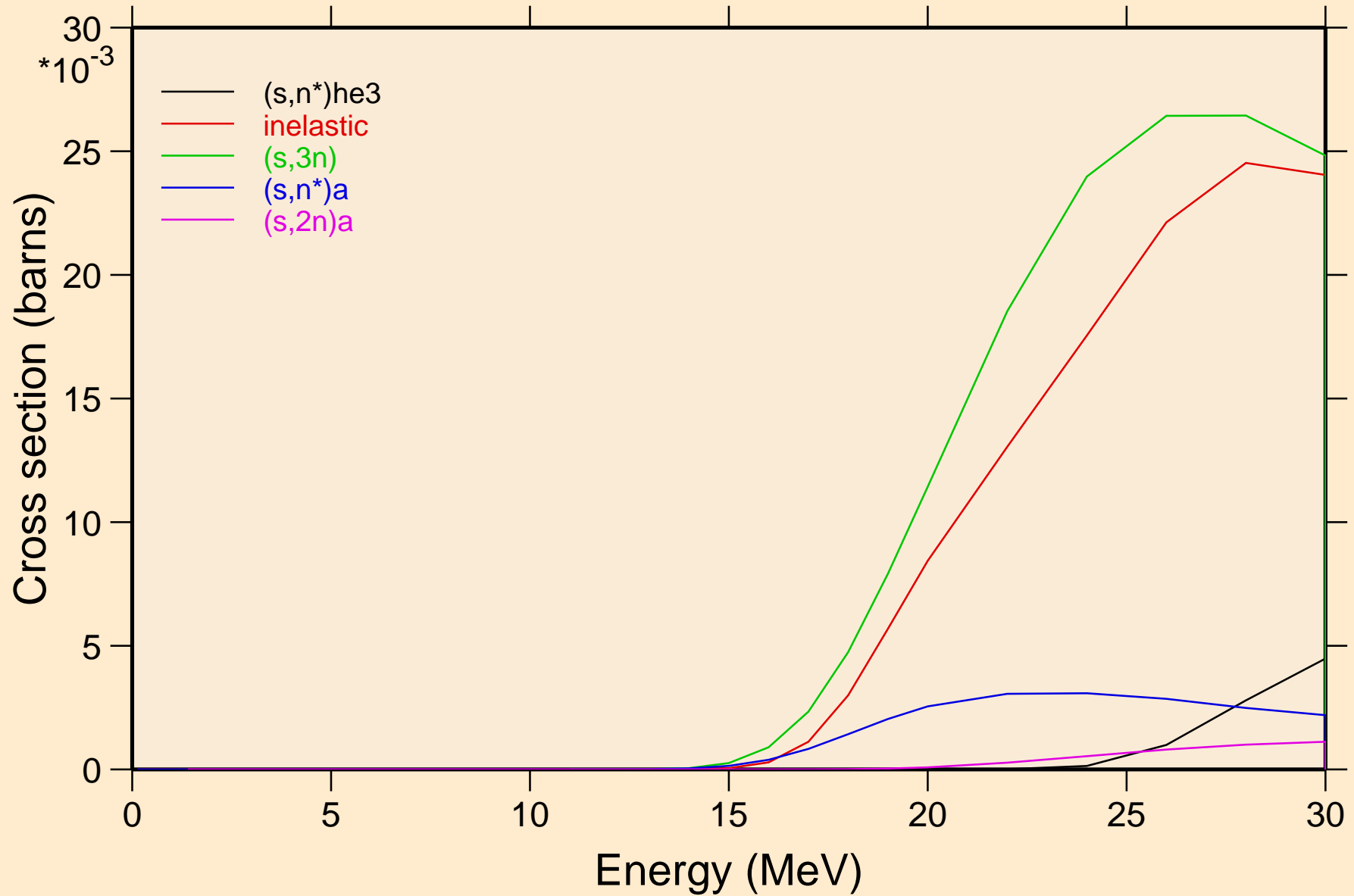
Heating



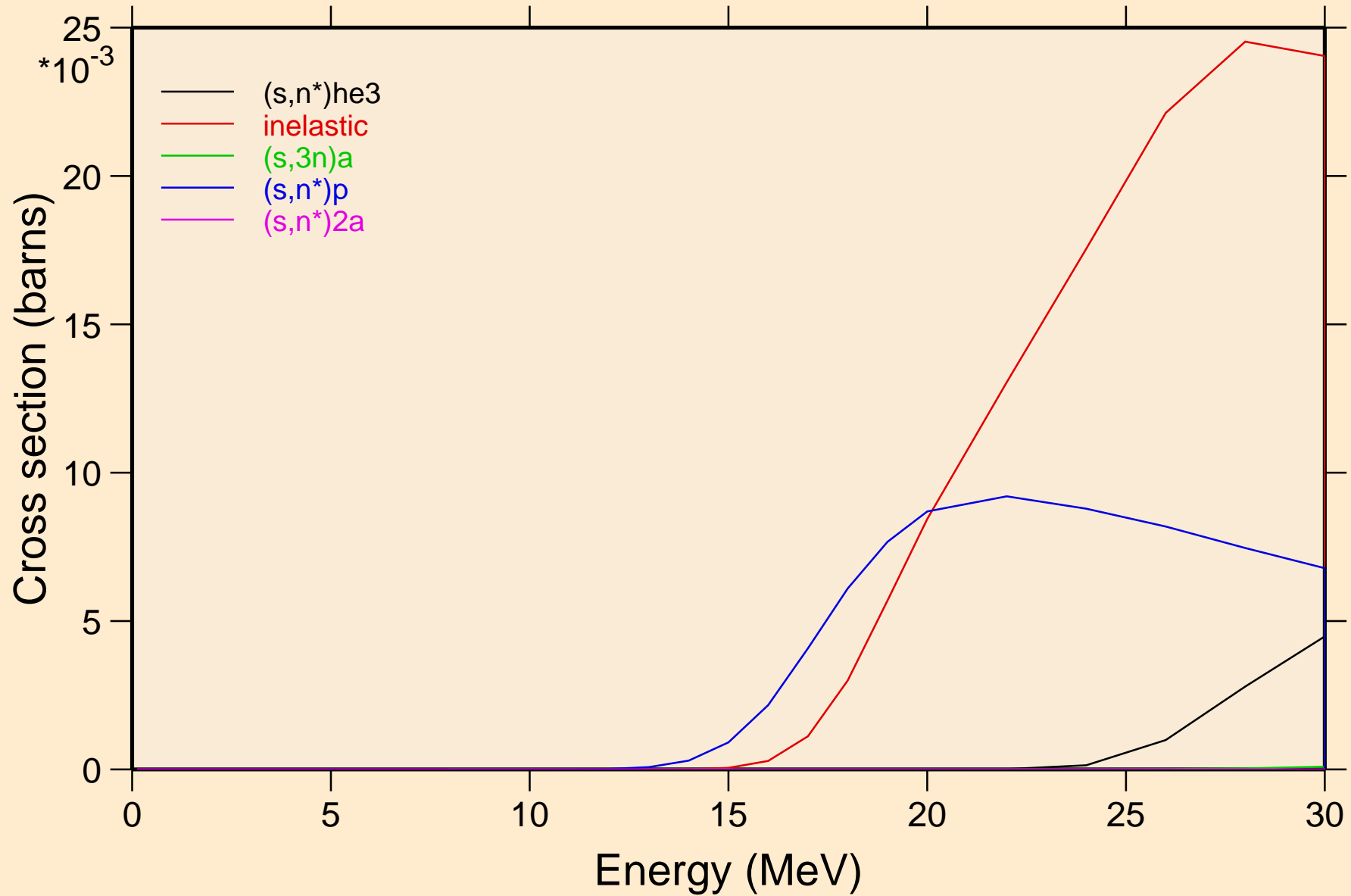
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Threshold reactions



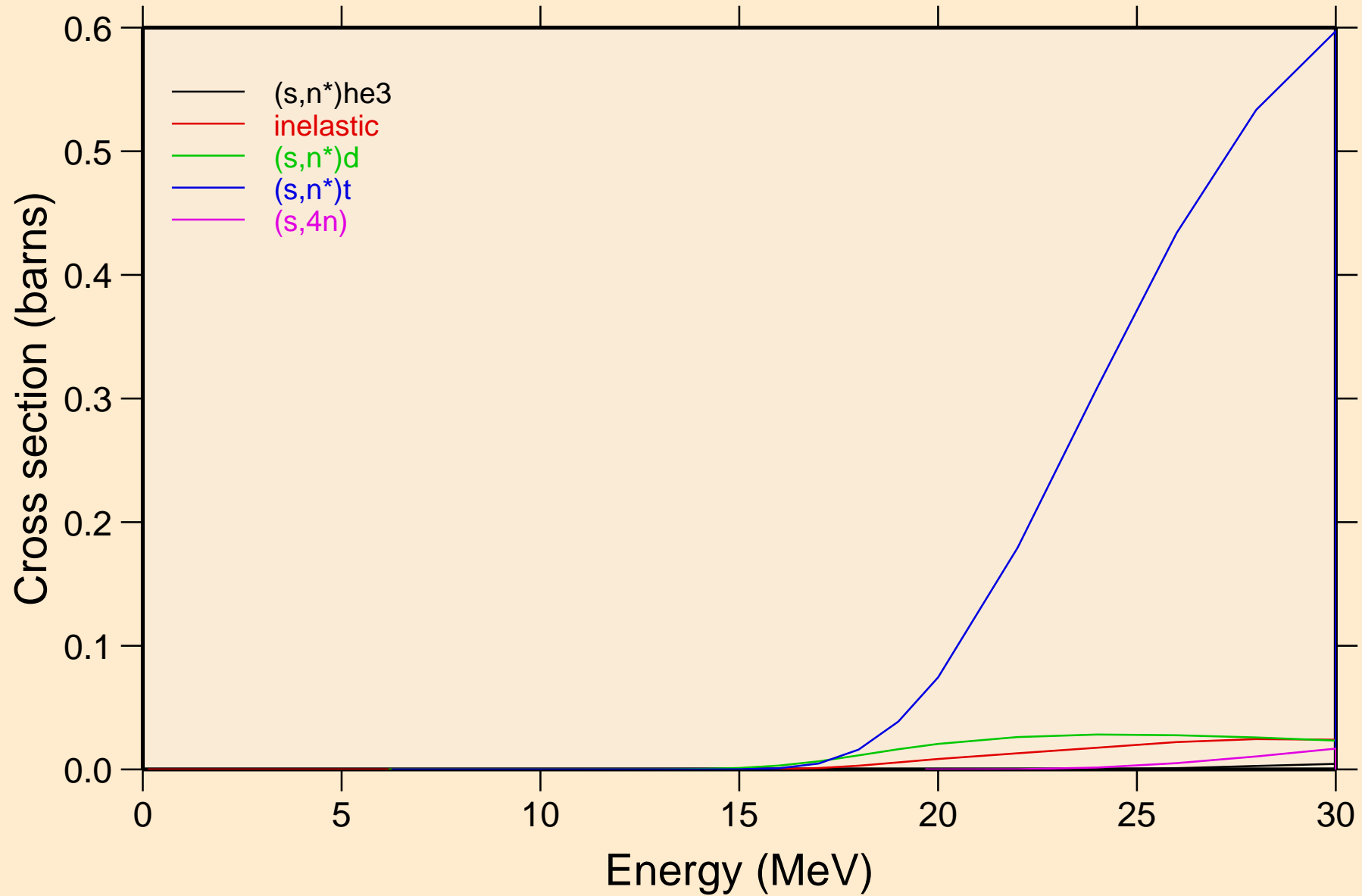
PM147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



PM147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

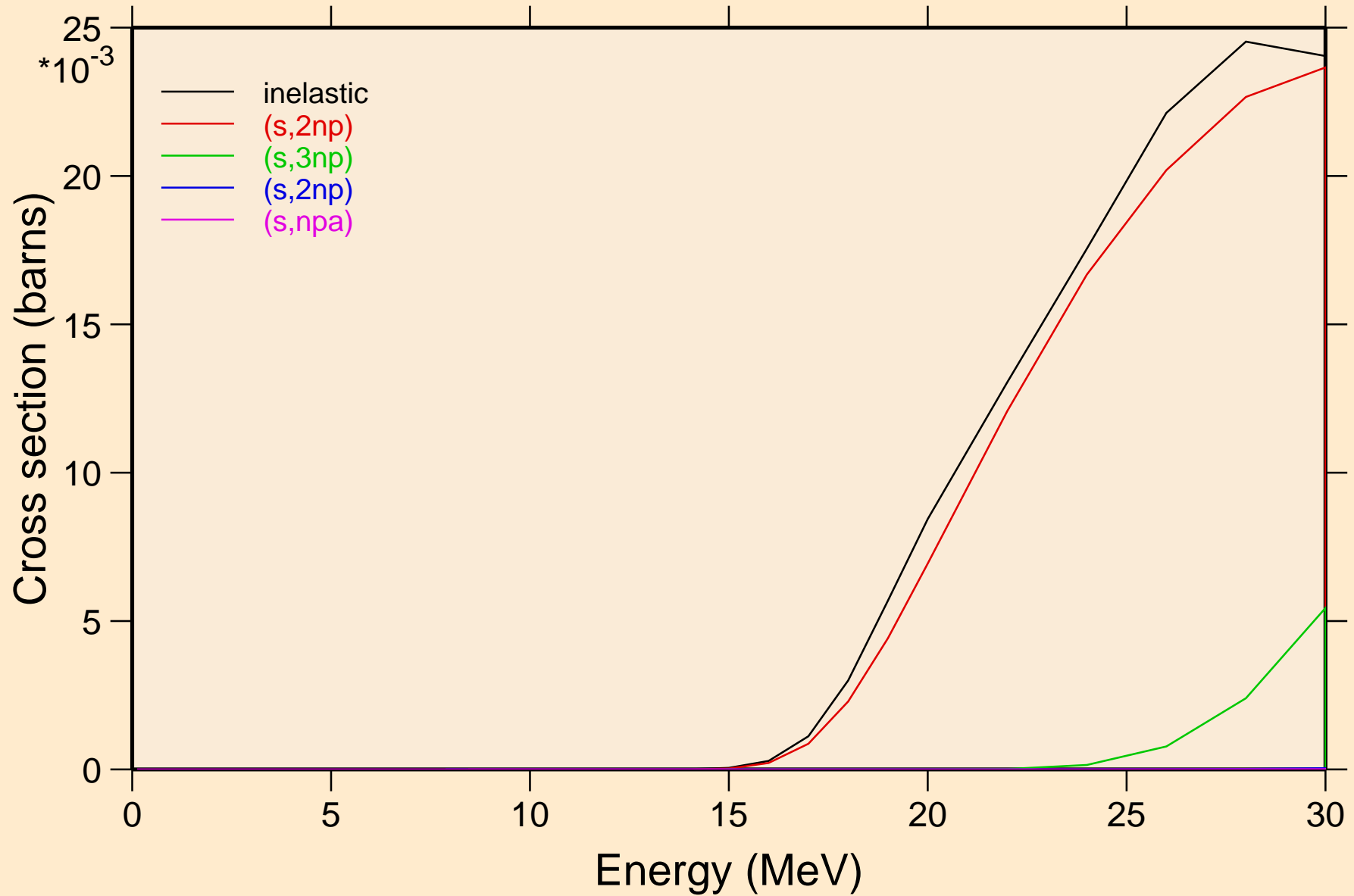


PM147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

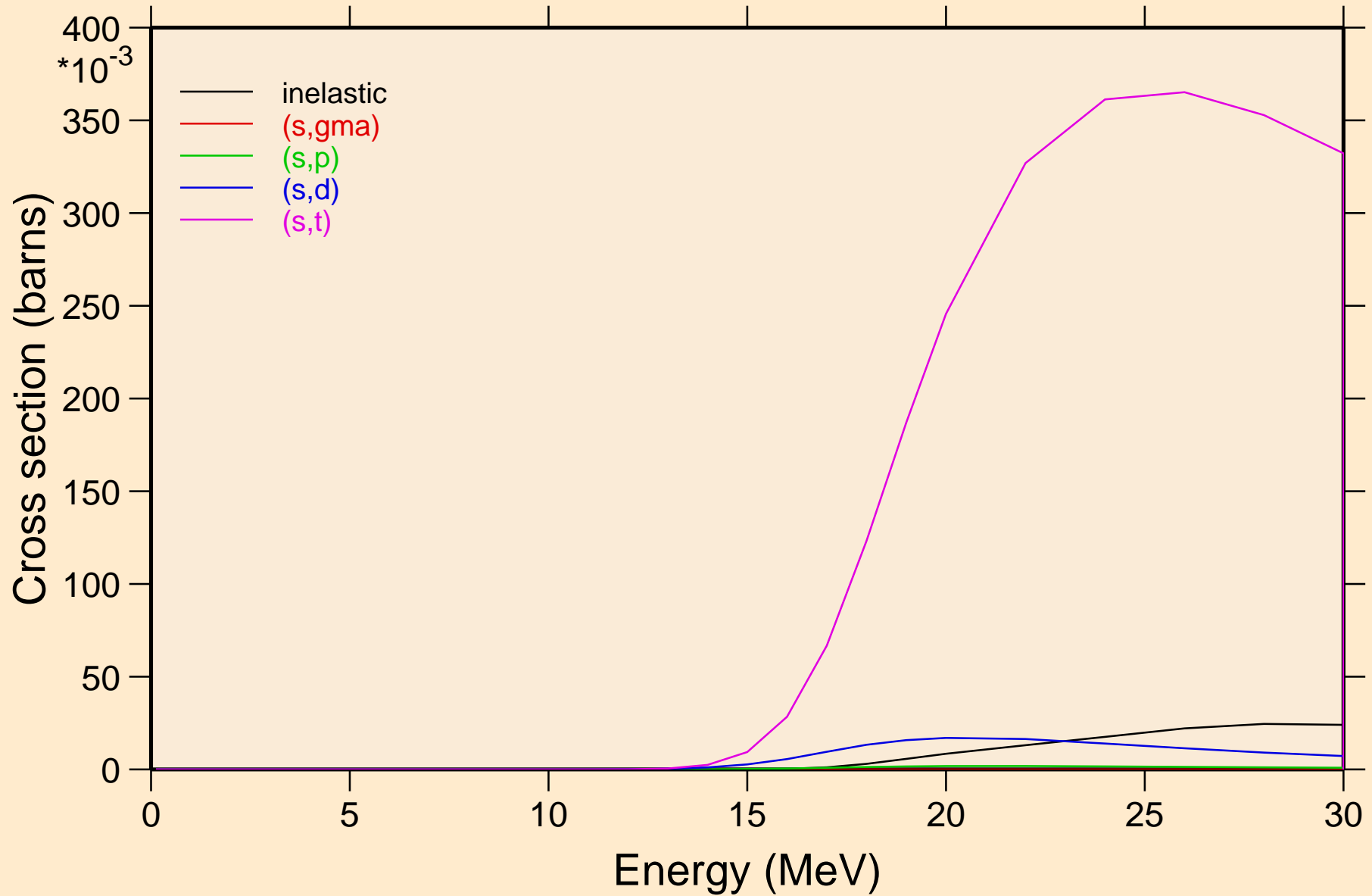




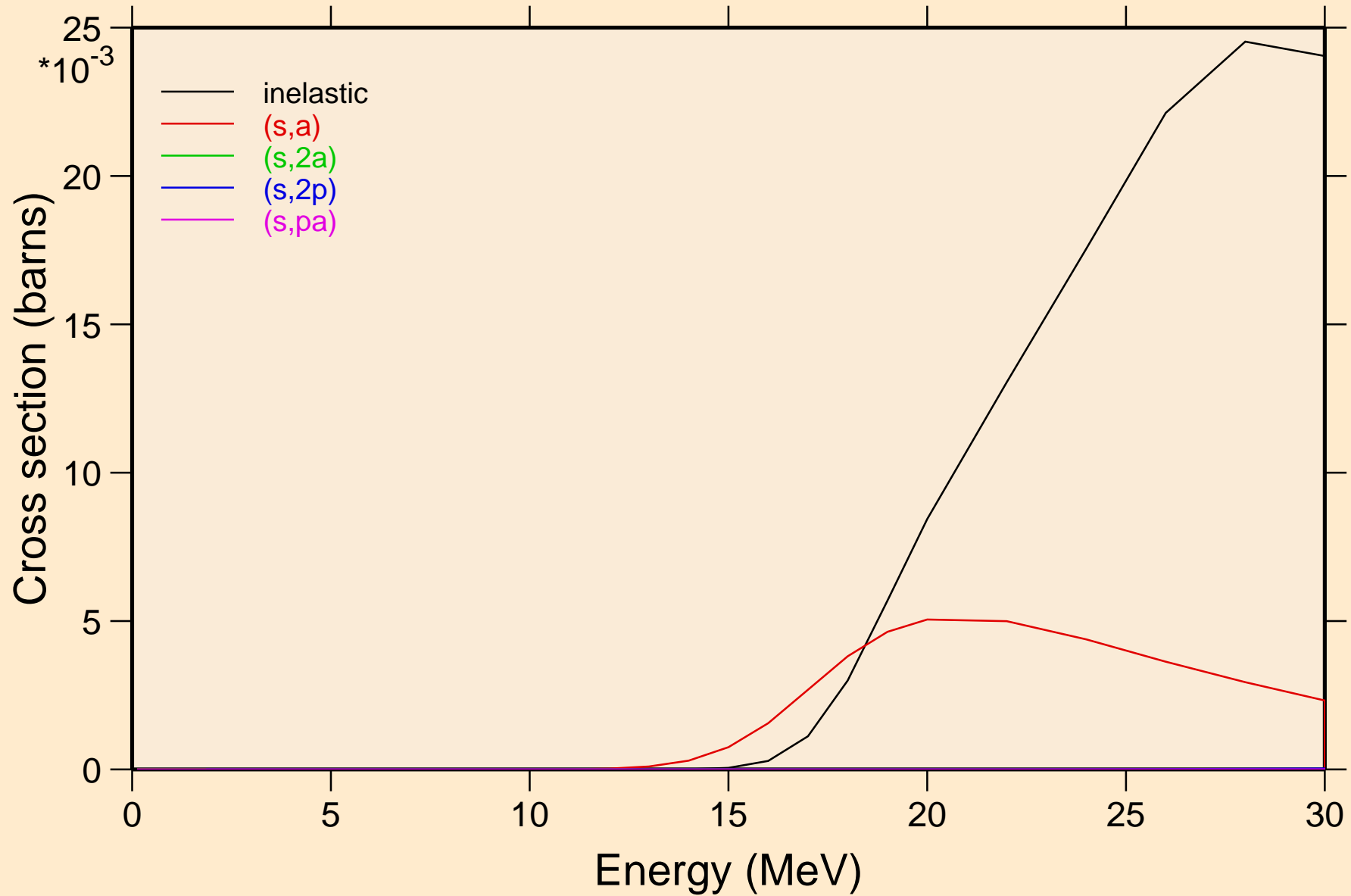
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Threshold reactions



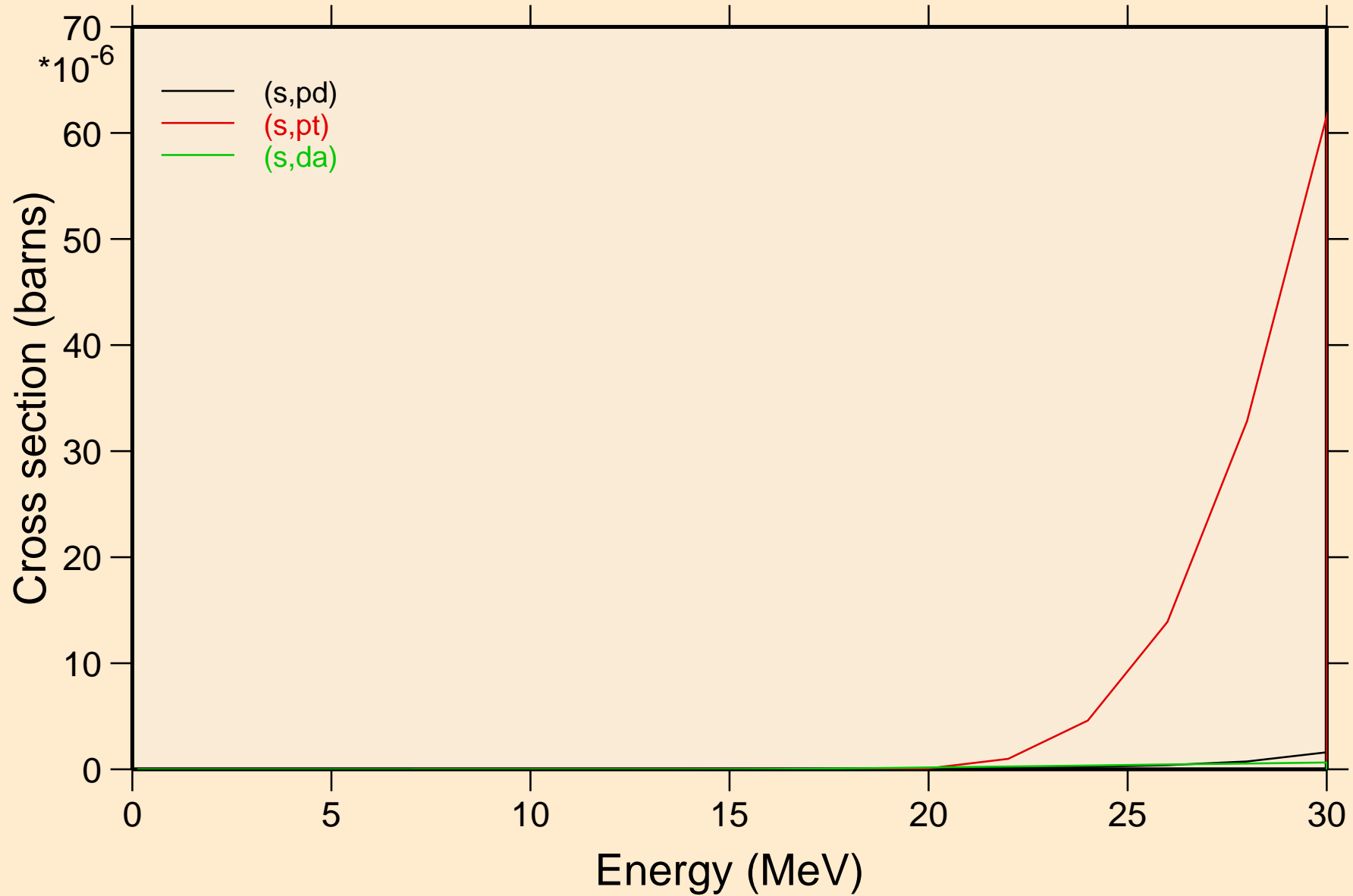
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Threshold reactions



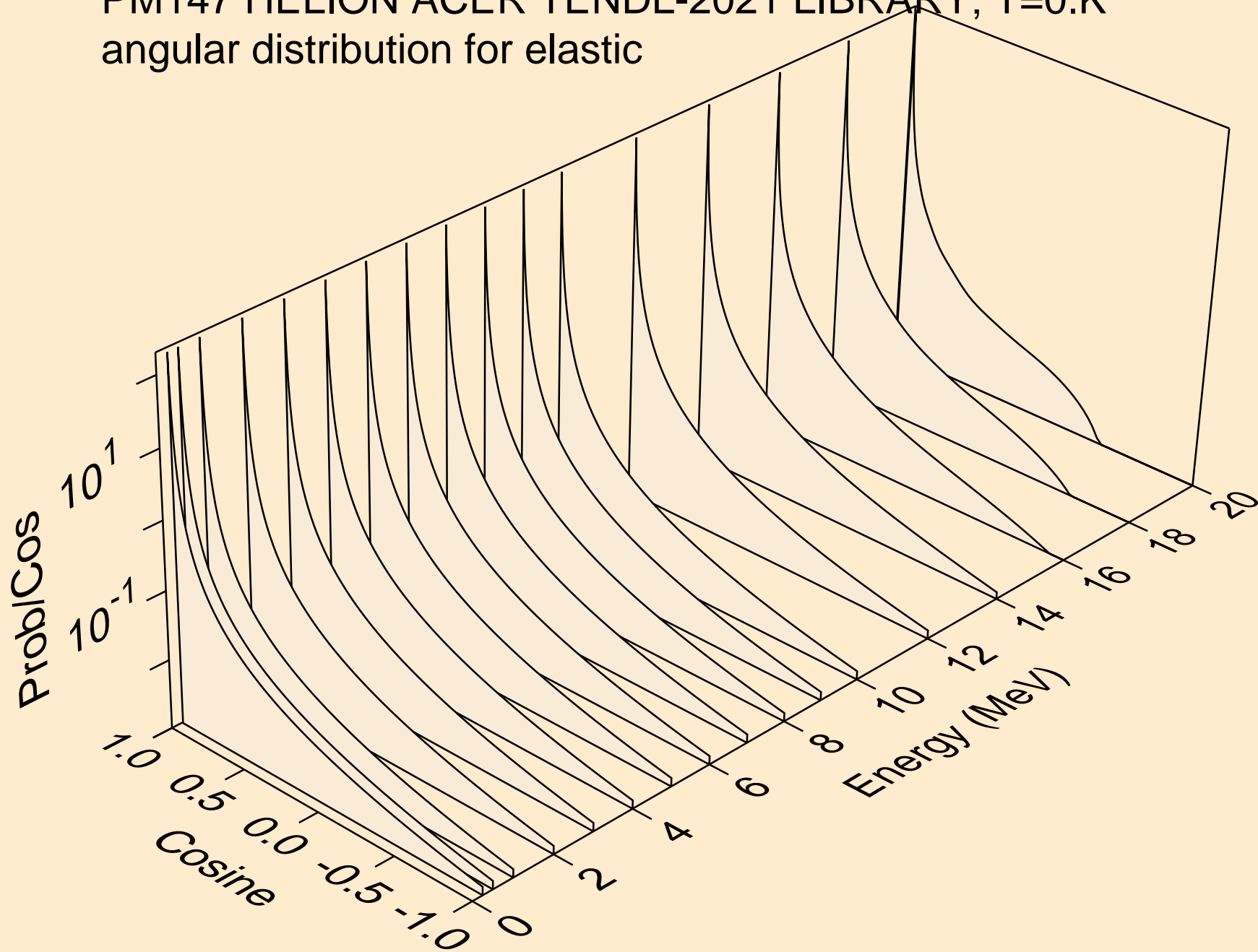
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Threshold reactions



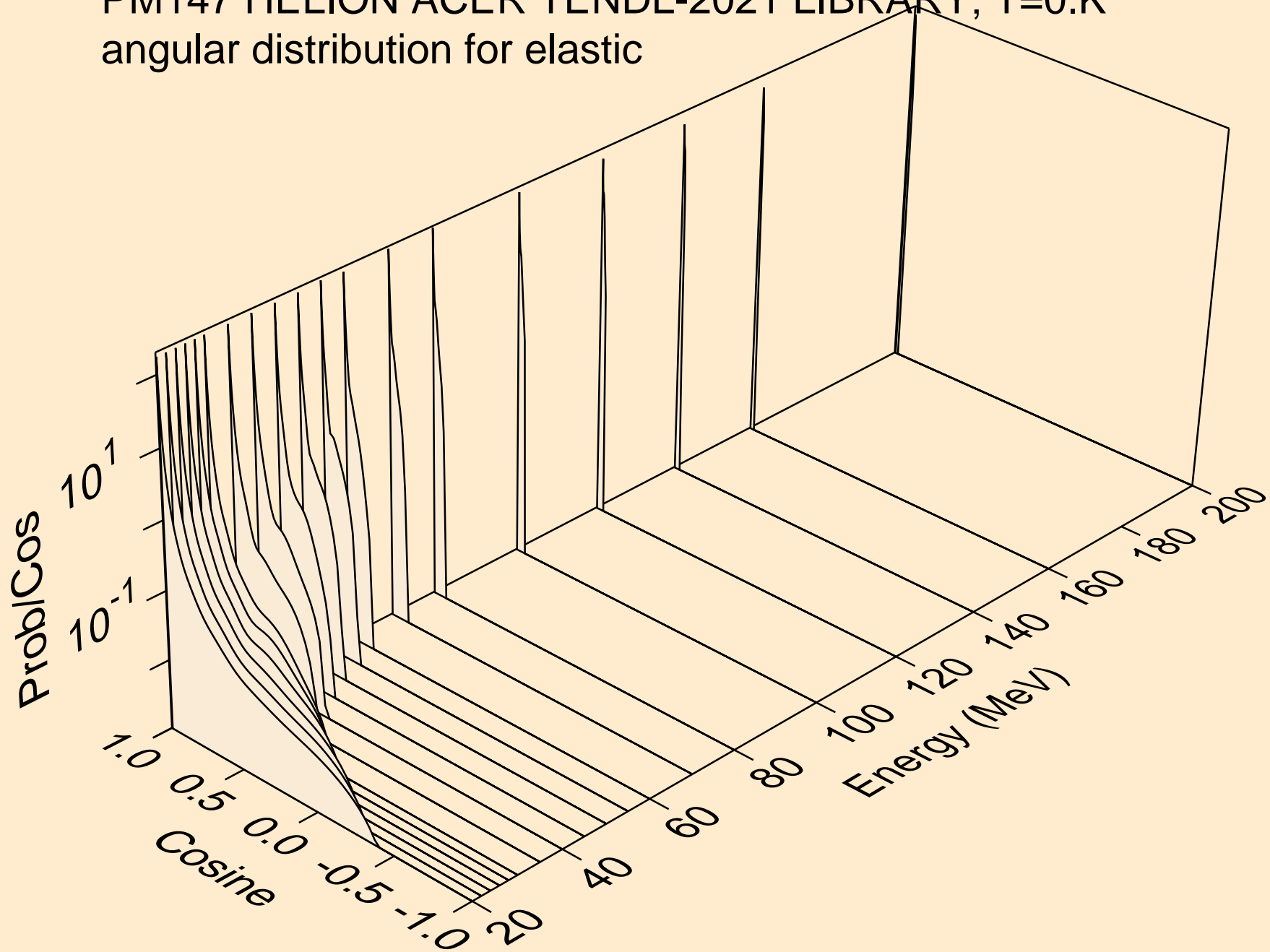
PM147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



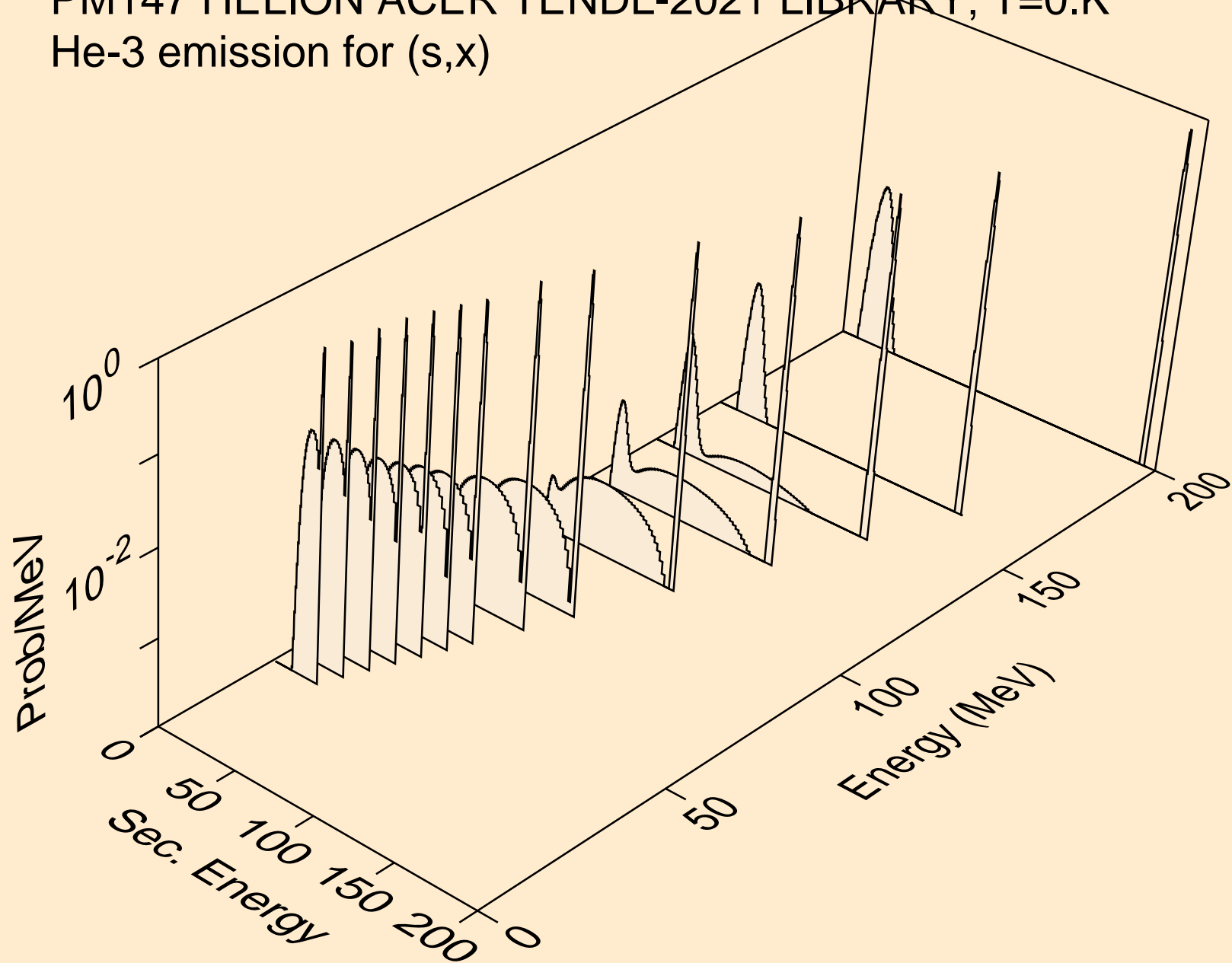
PM147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



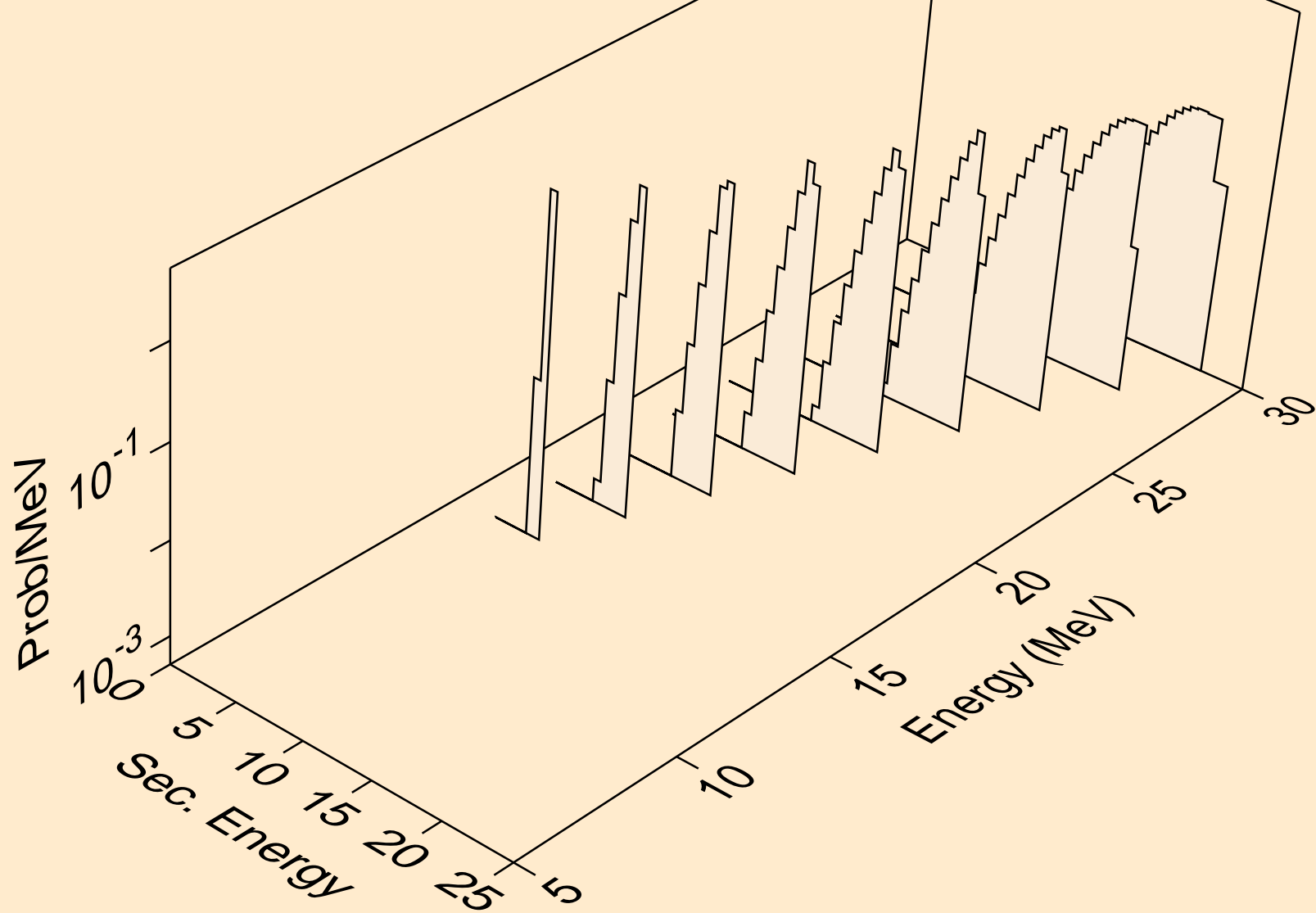
PM147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



PM147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,x)

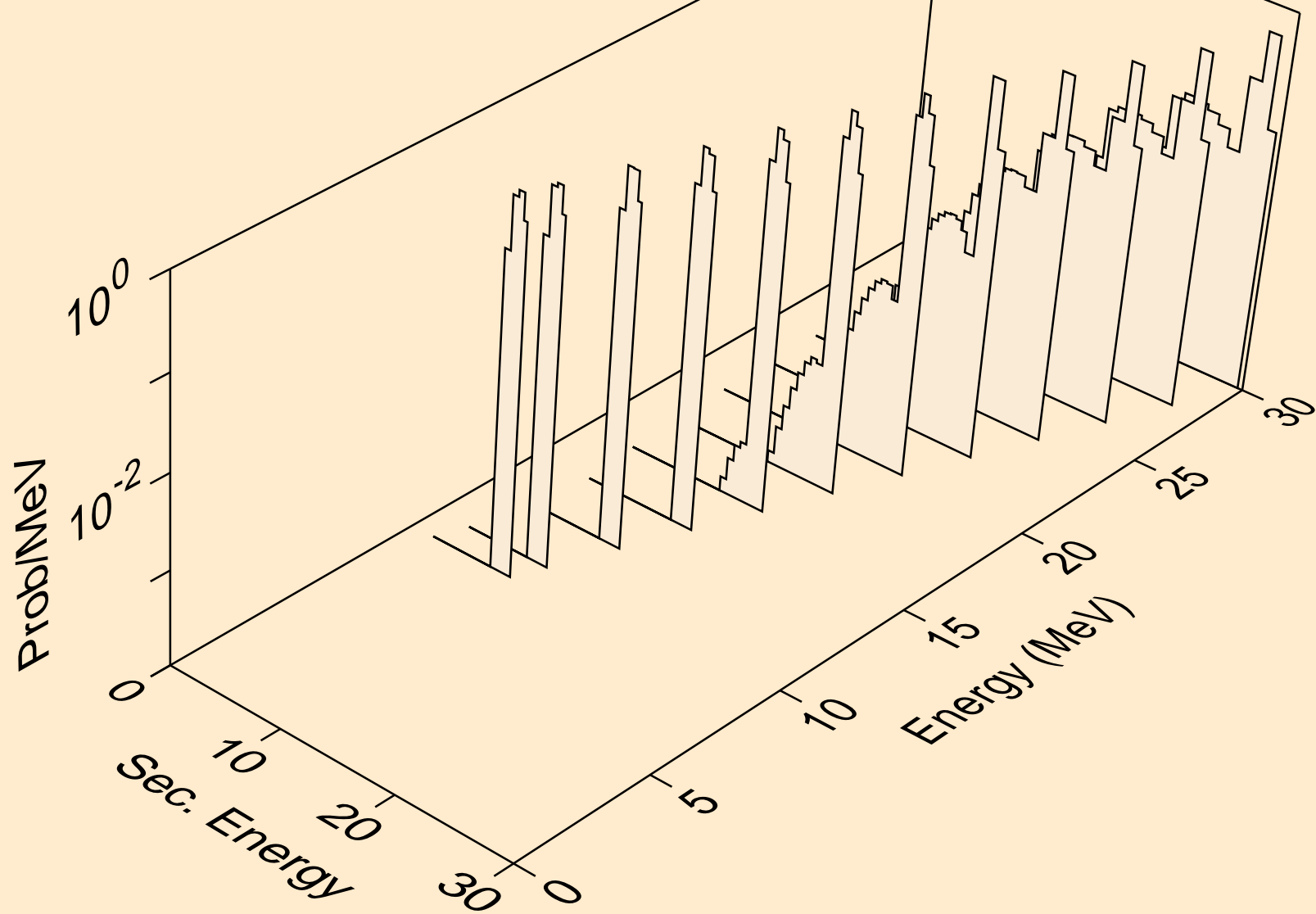


PM147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

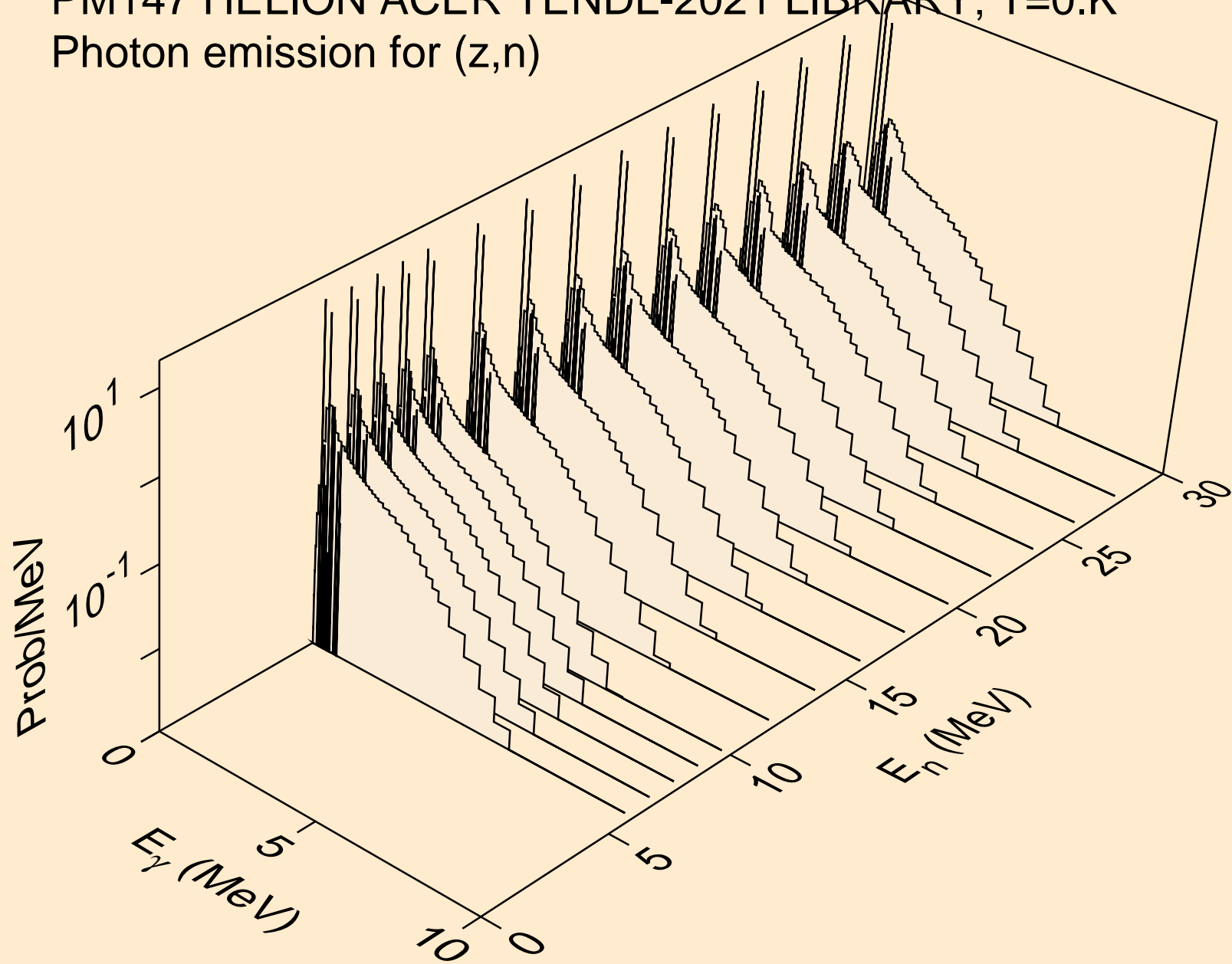




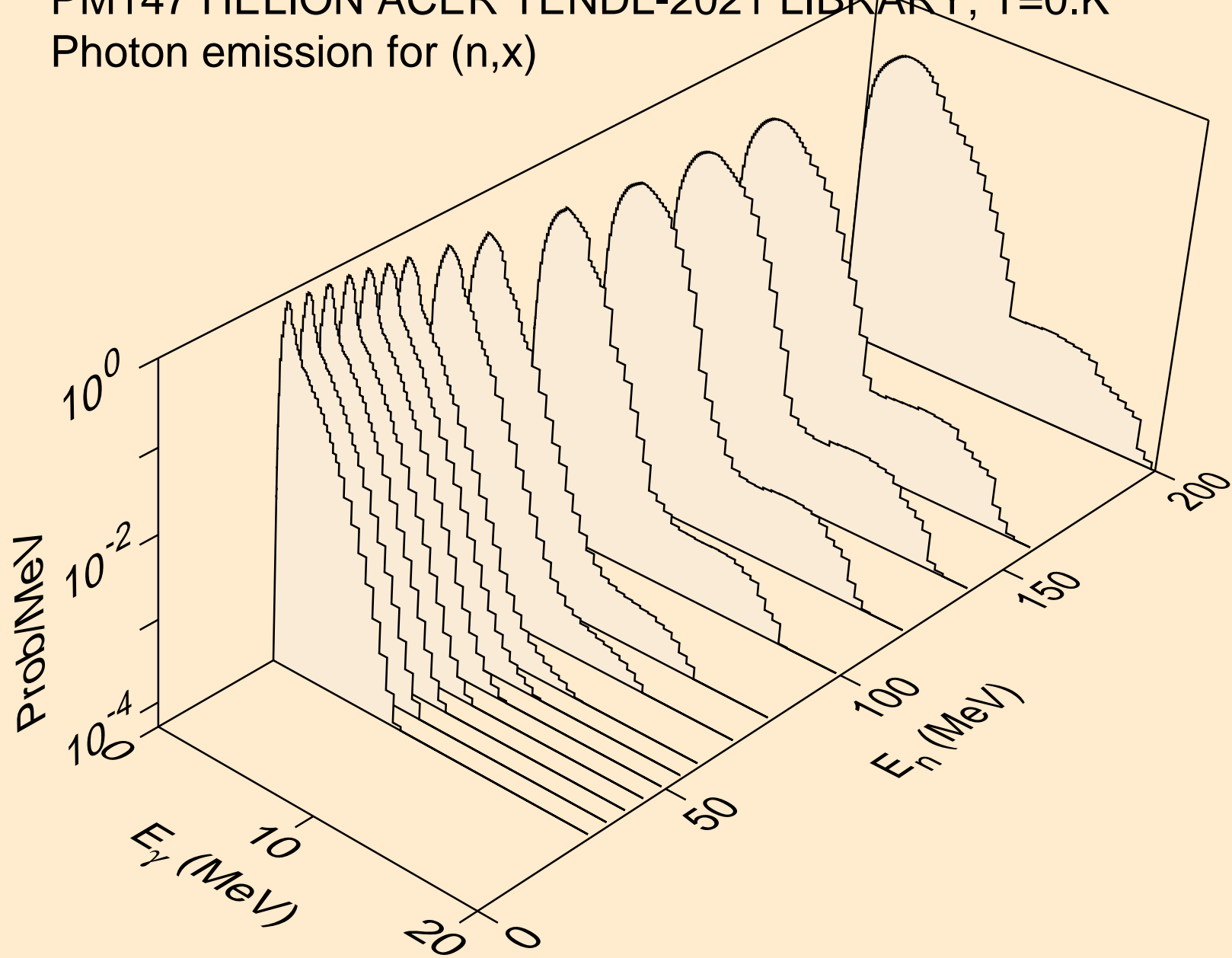
PM147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for inelastic



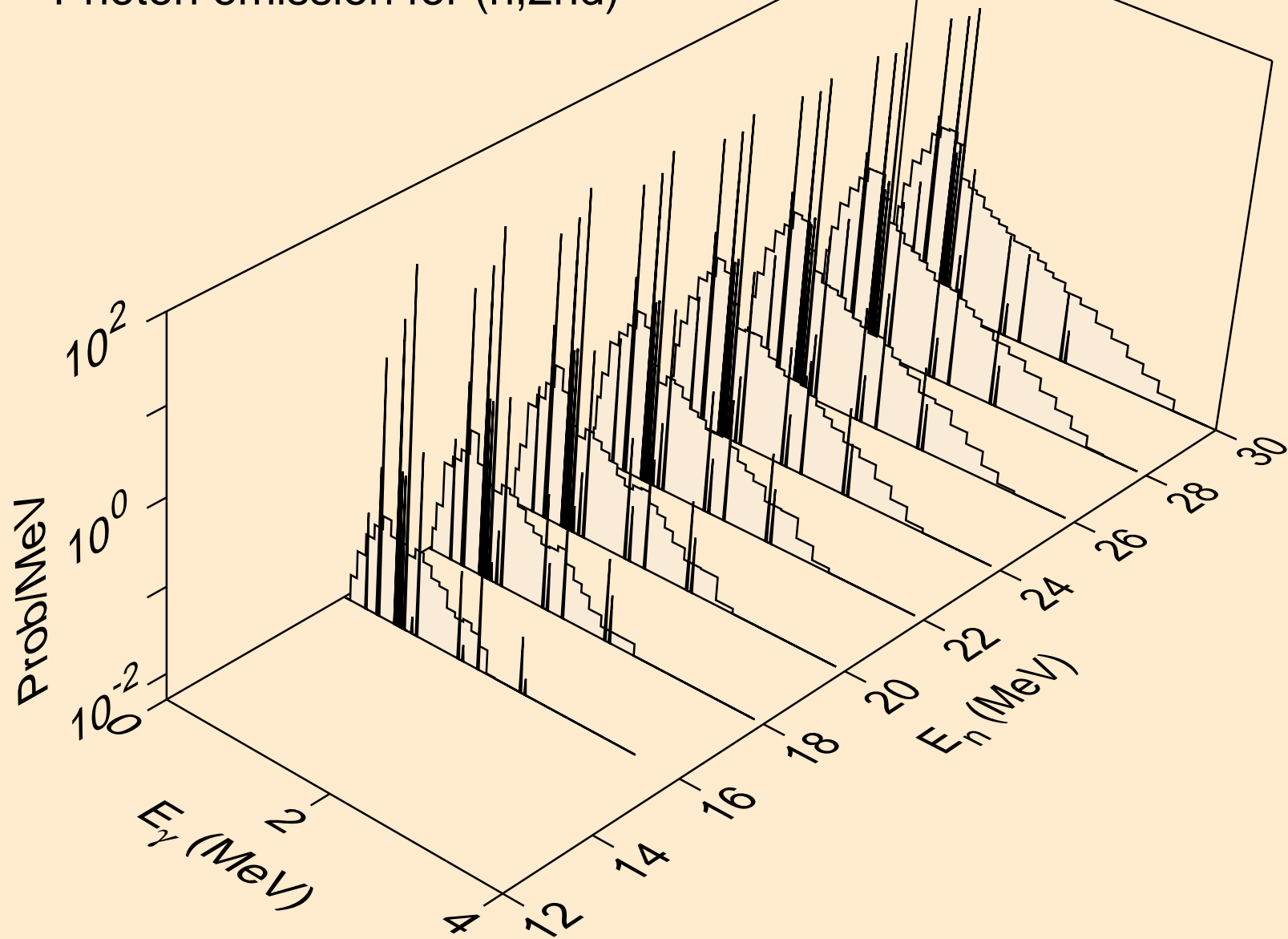
PM147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



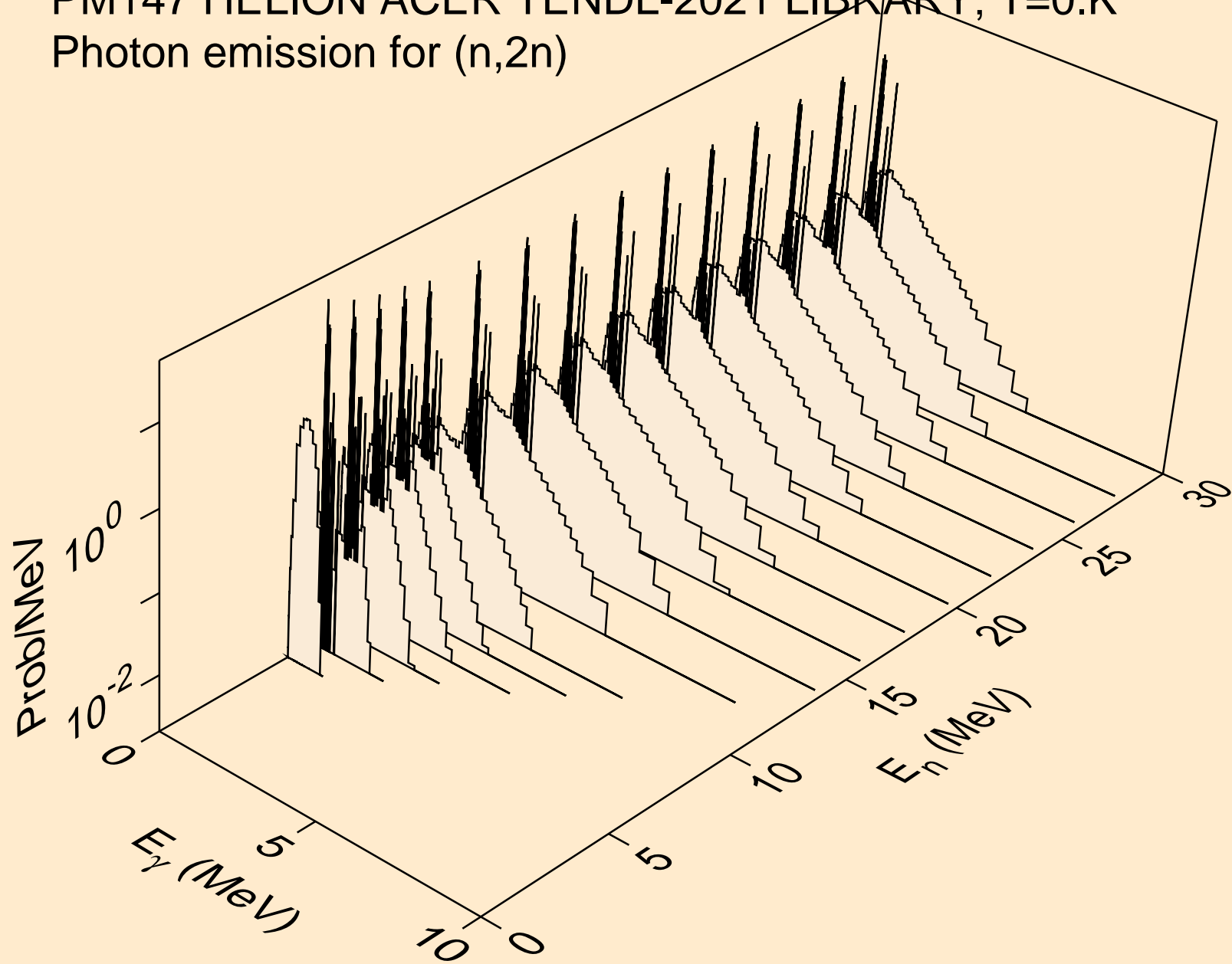
PM147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



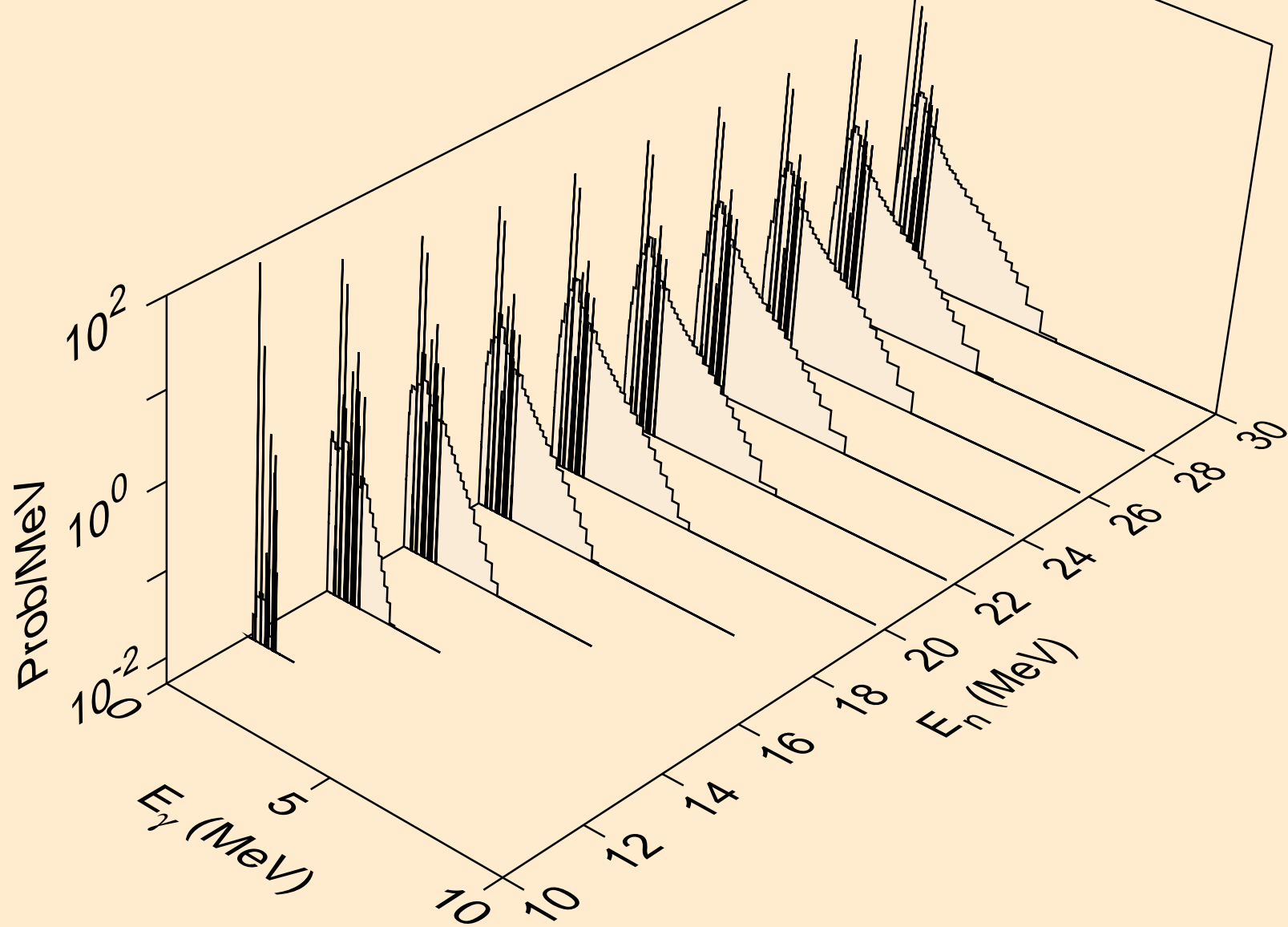
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Photon emission for (n,2nd)



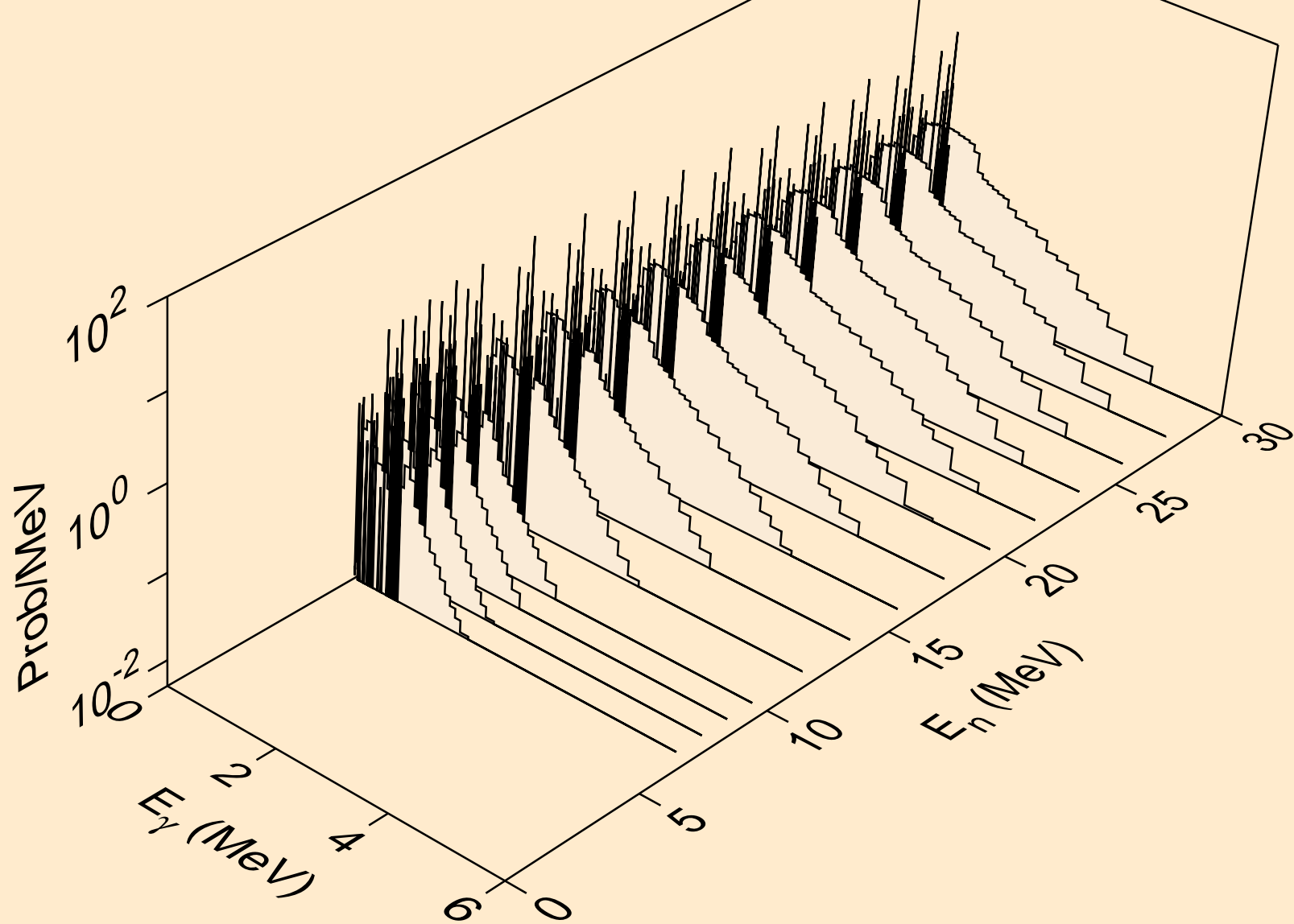
PM147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



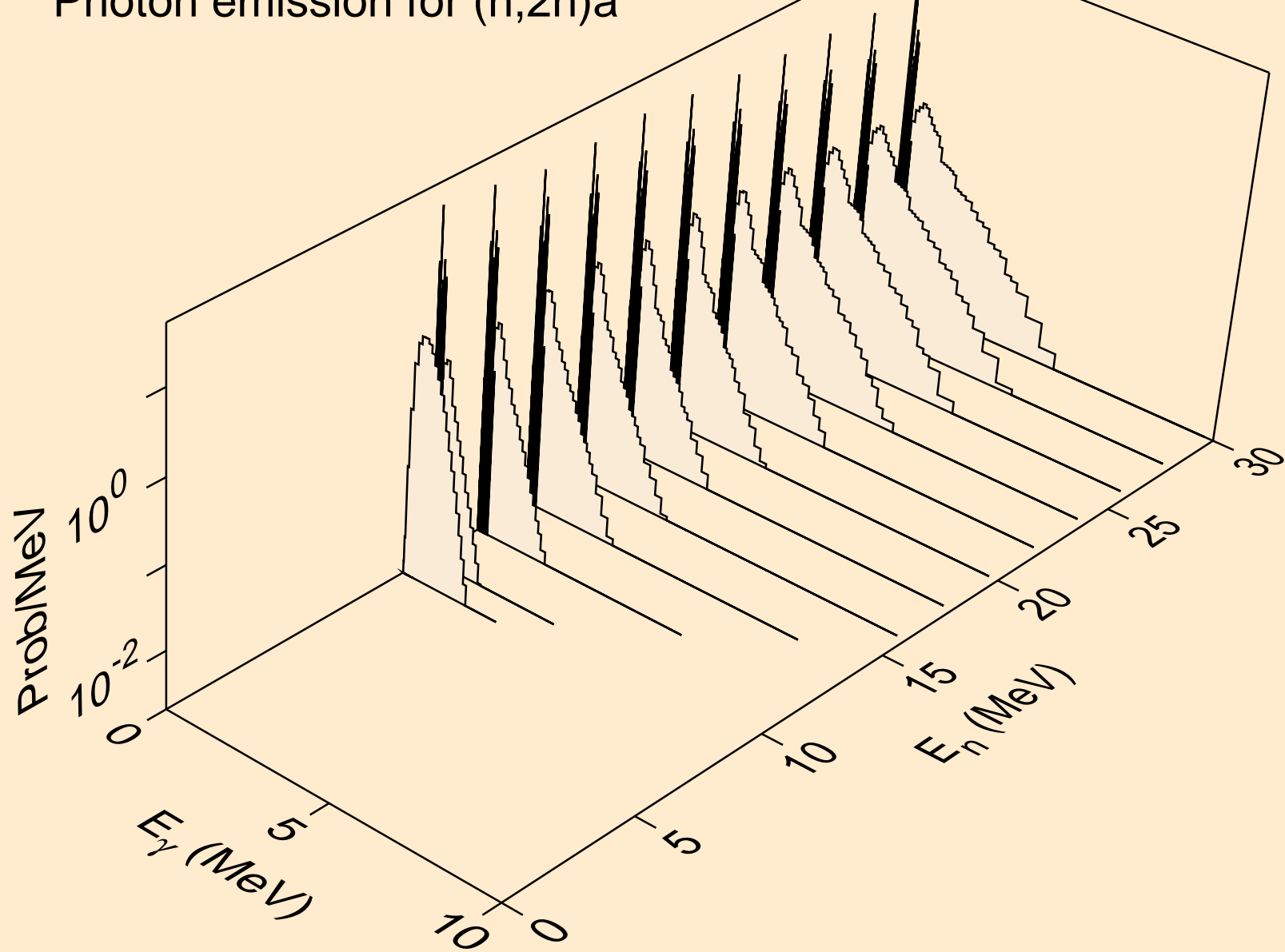
PM147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



PM147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

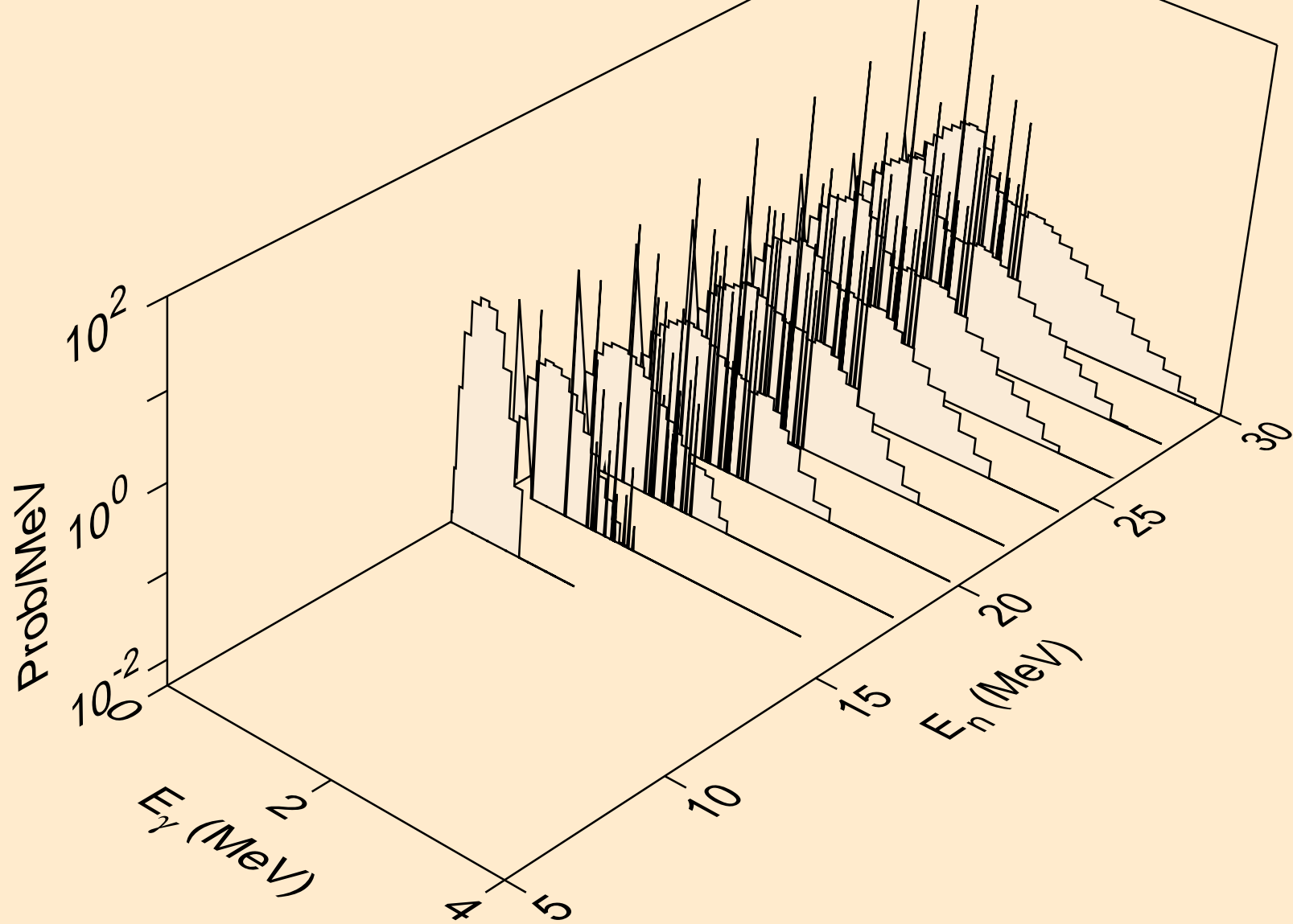


PM147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a

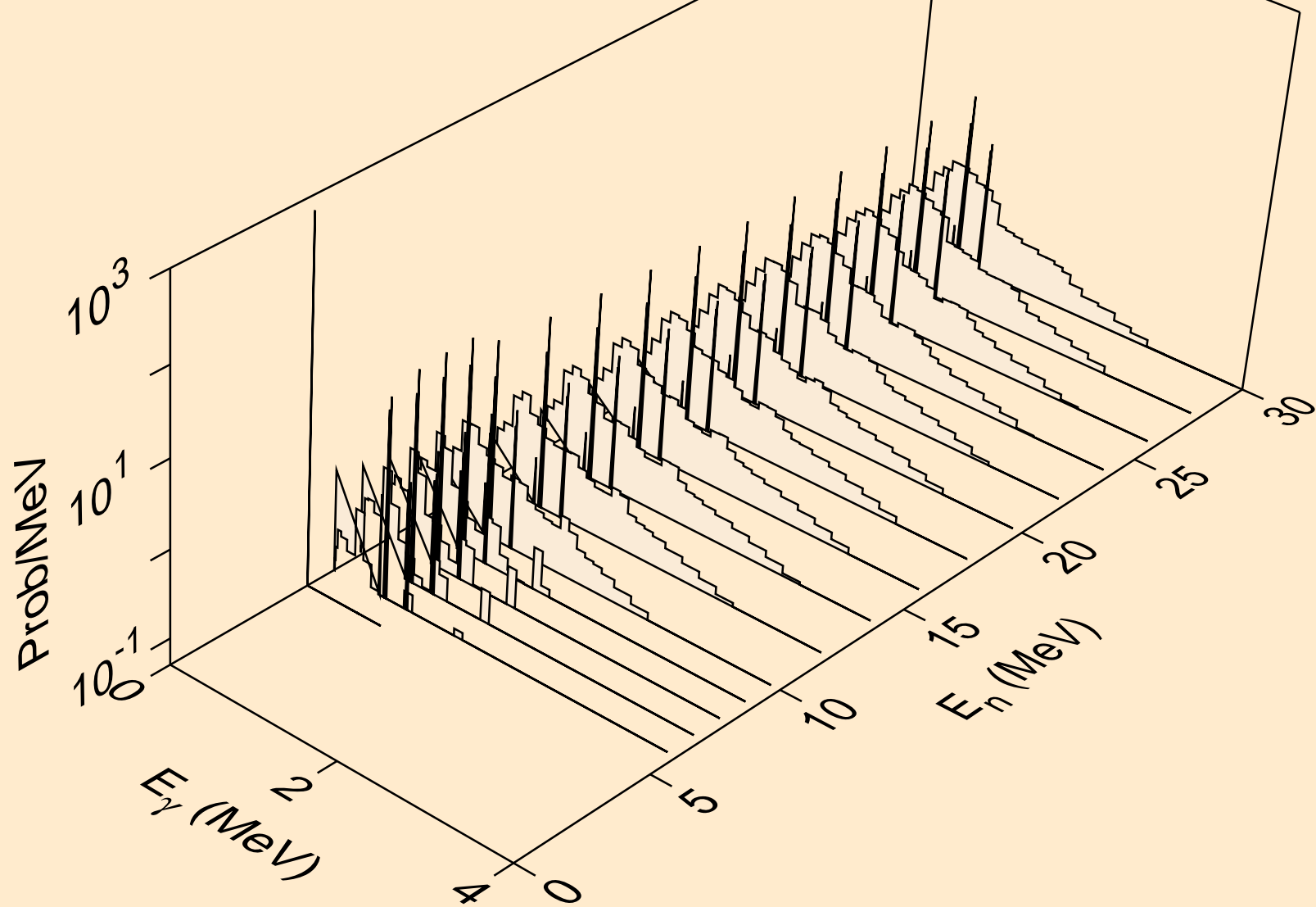




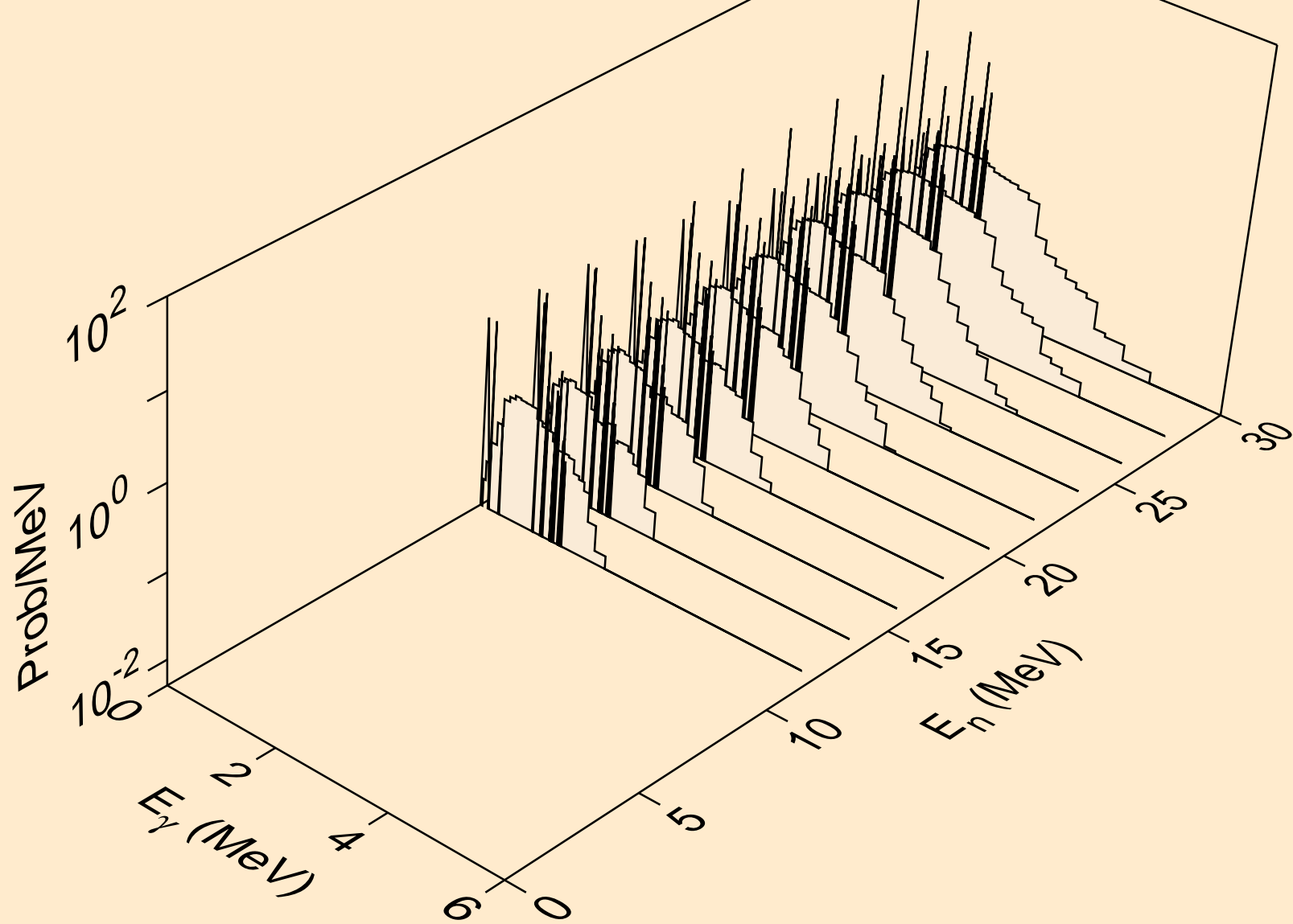
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Photon emission for (n,3n)a



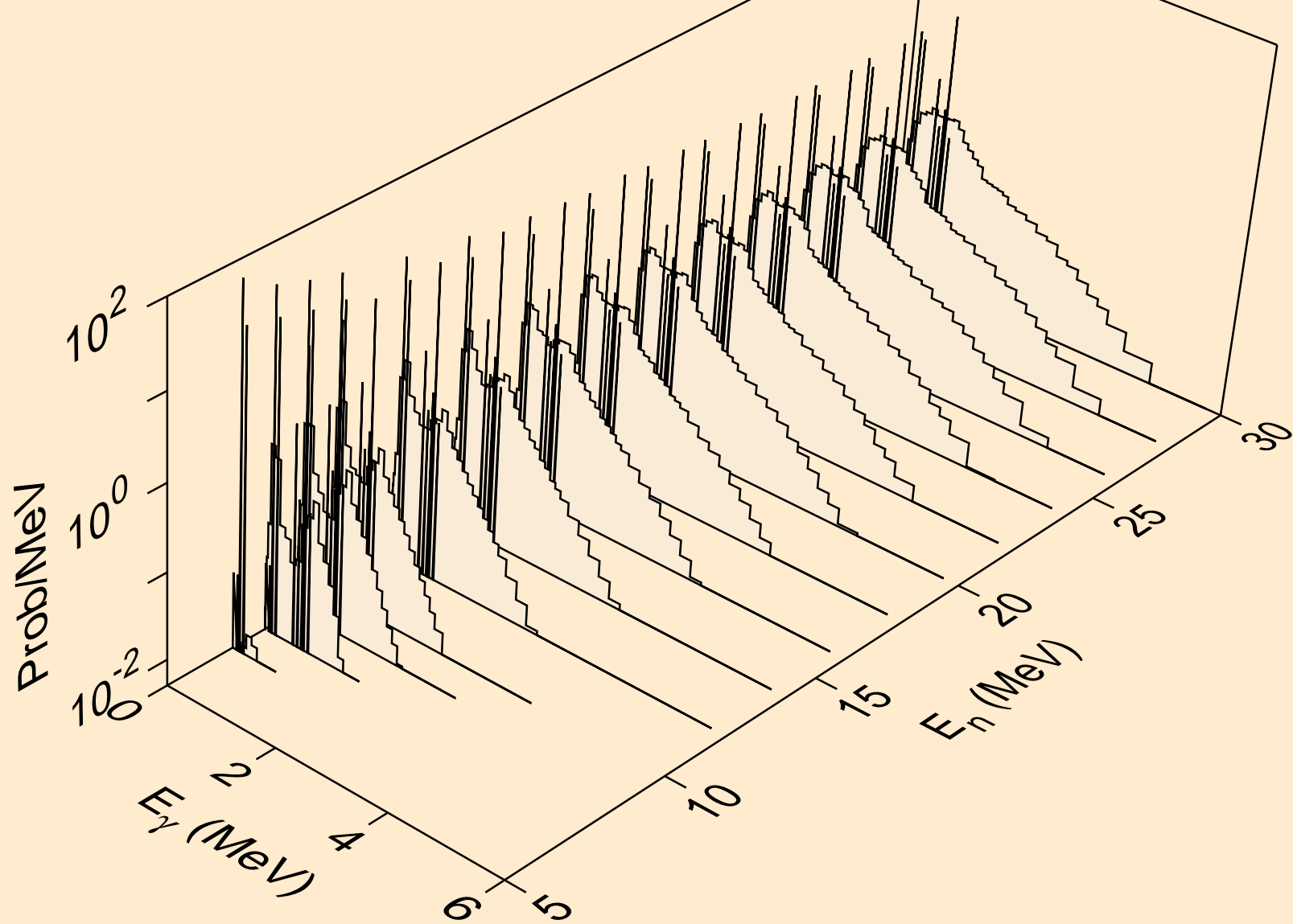
PM147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



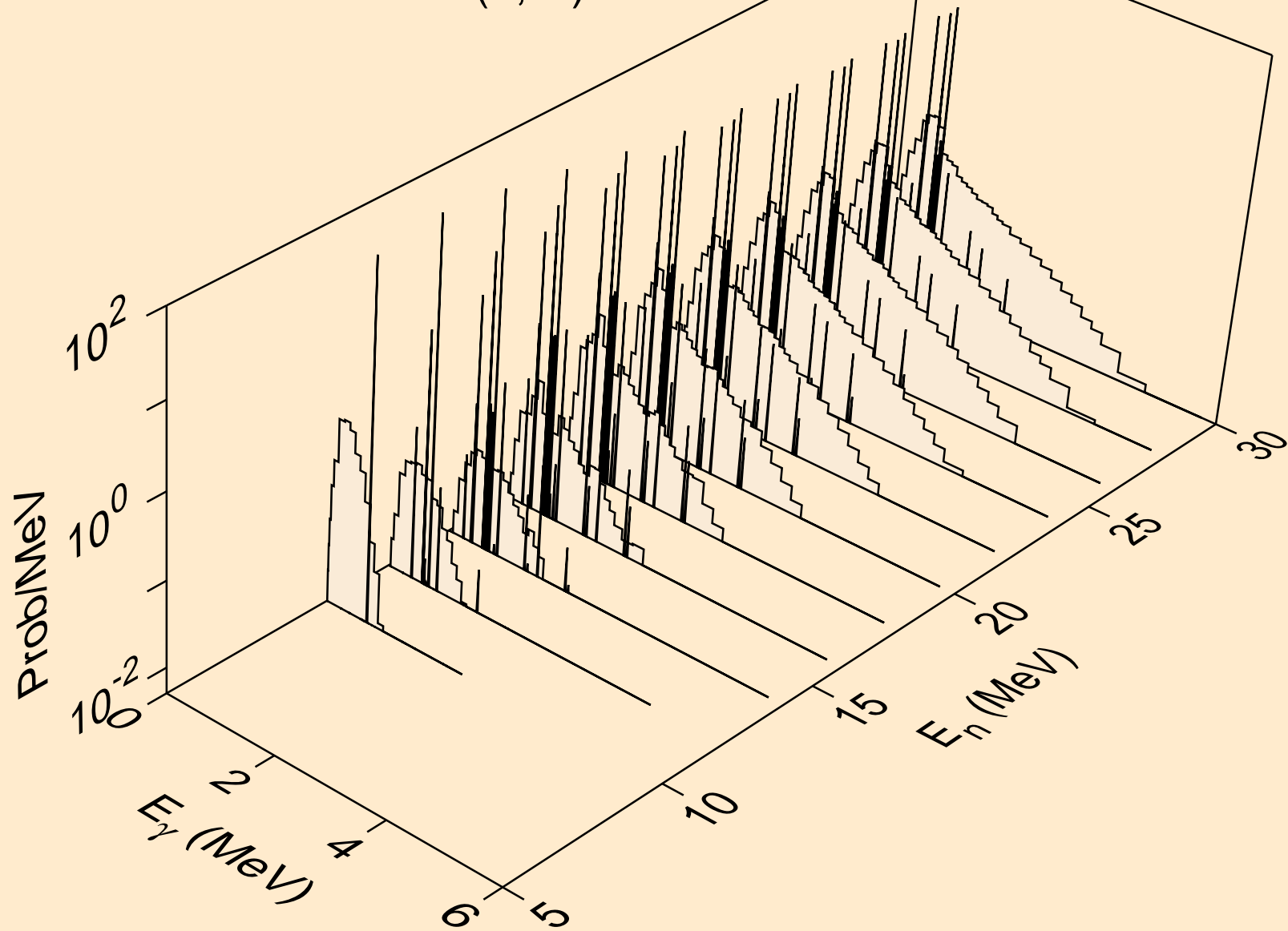
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Photon emission for (n,n\*)2a



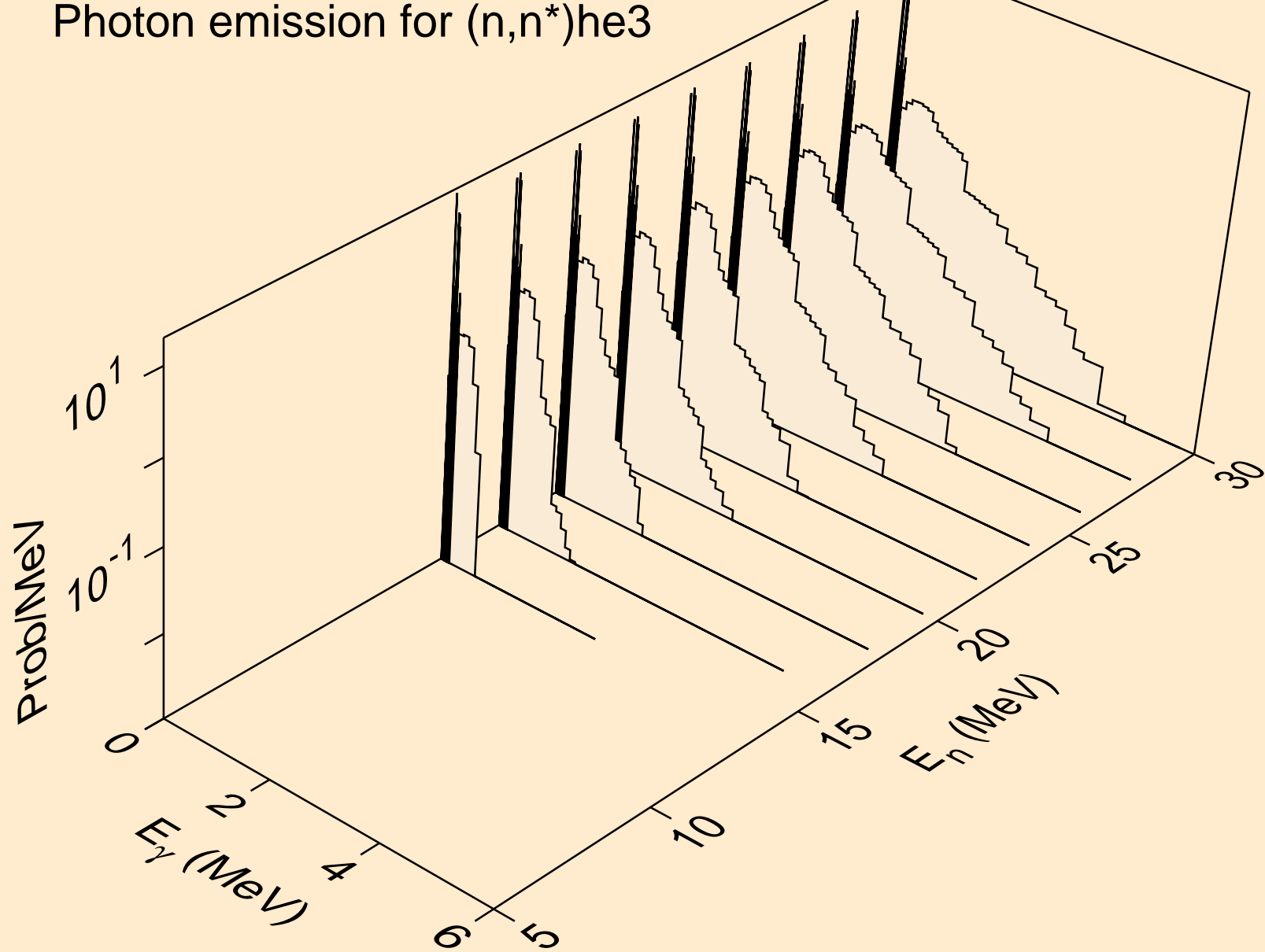
PM147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



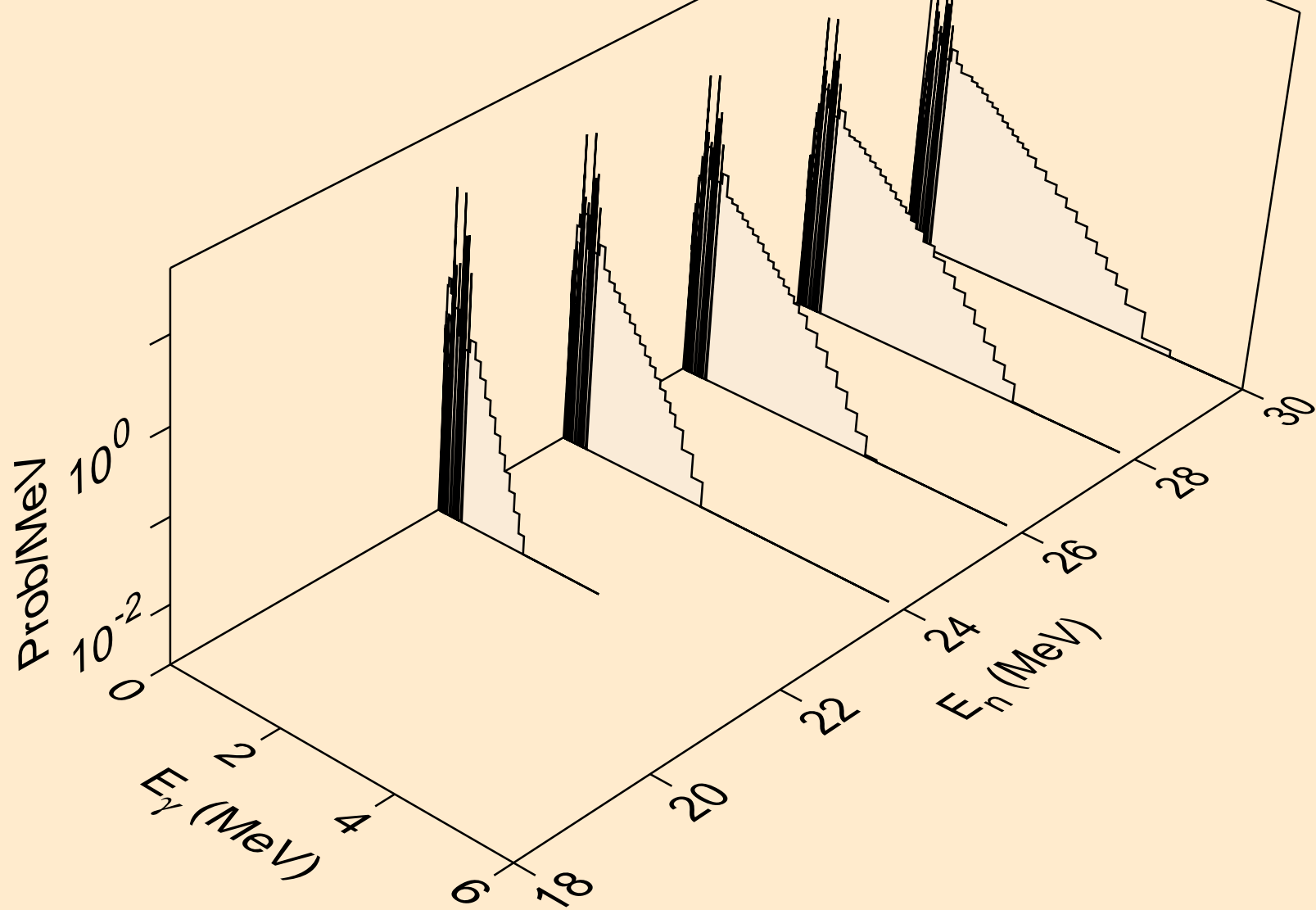
PM147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



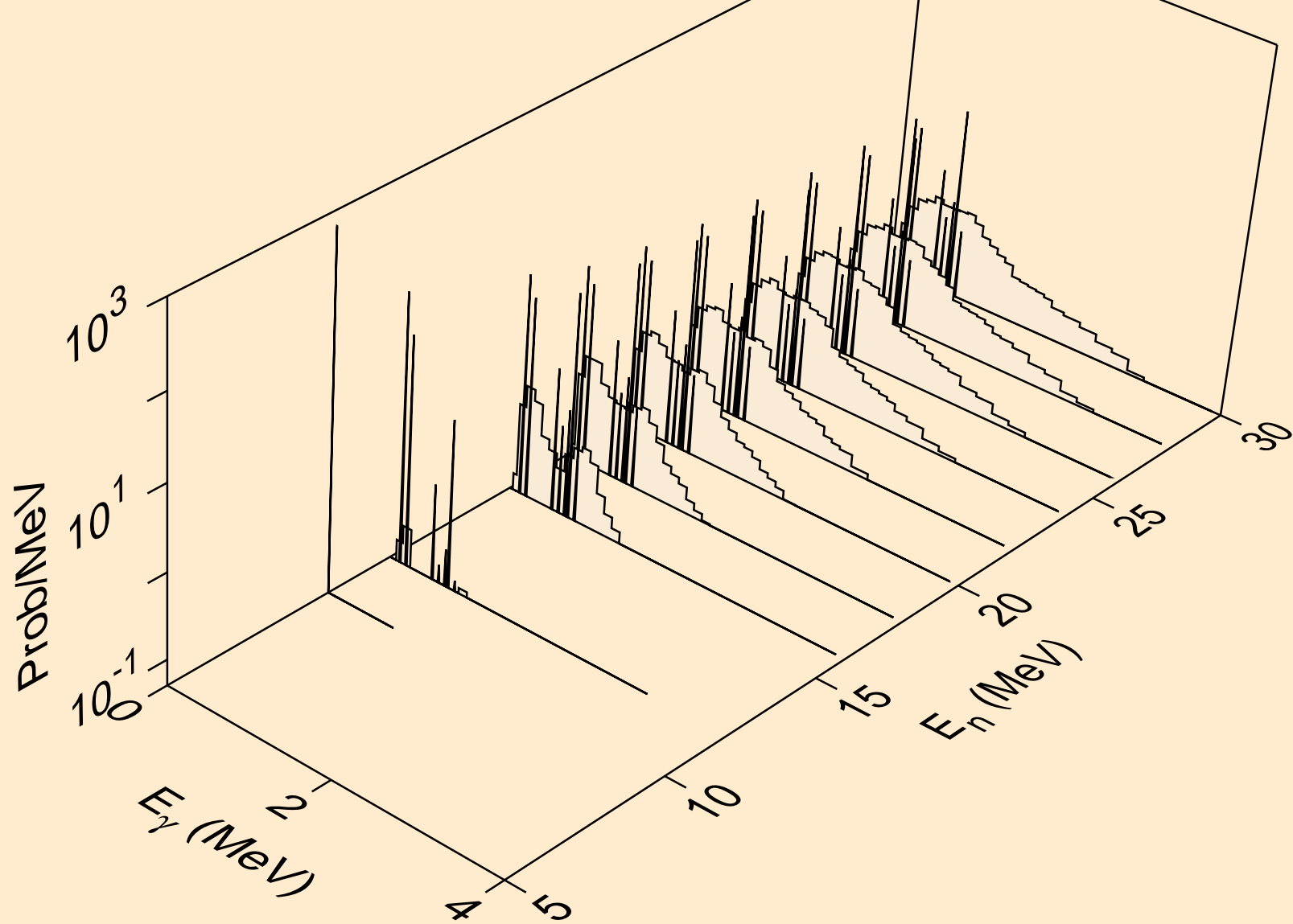
PM147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



PM147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,4n)

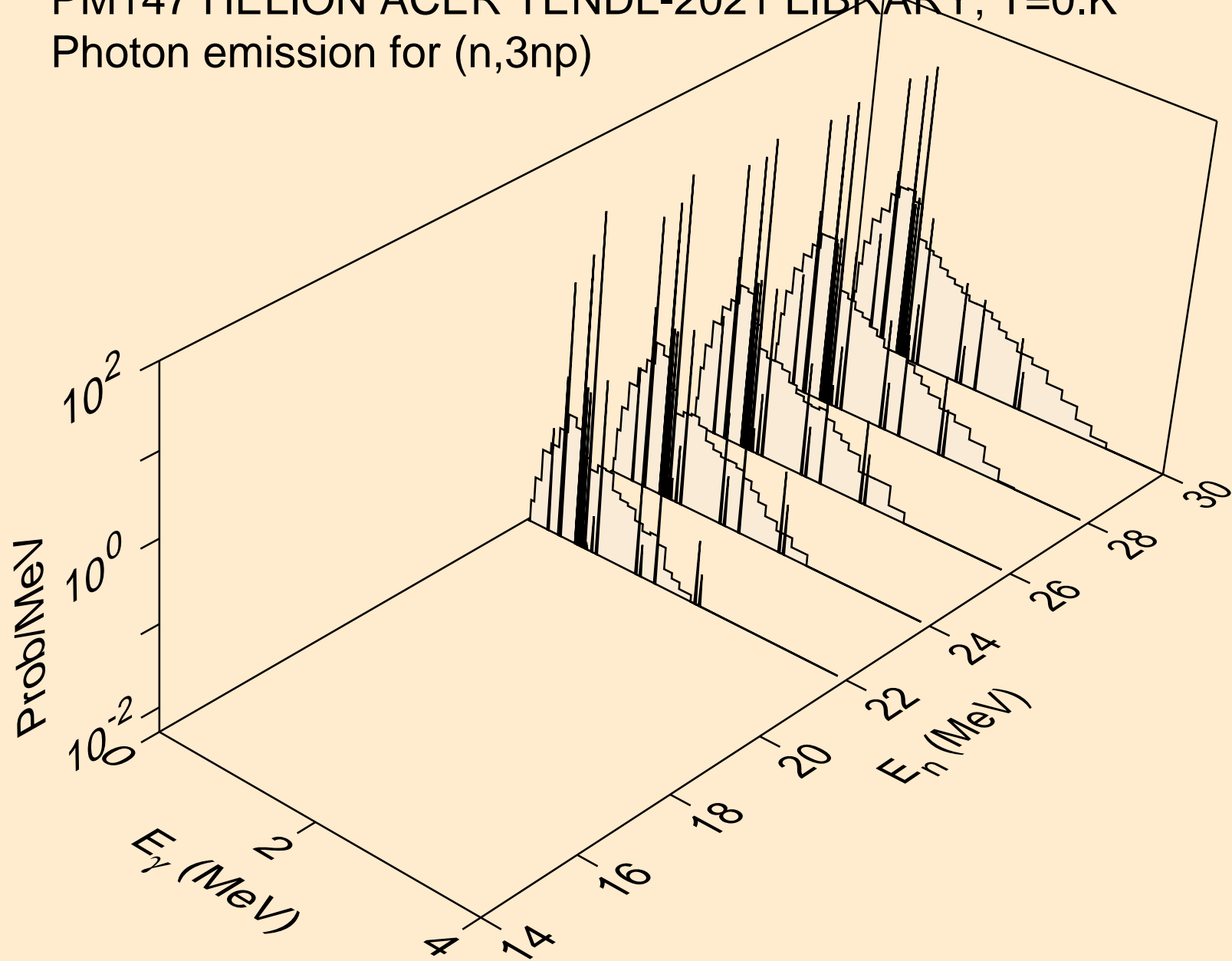


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Photon emission for (n,2np)

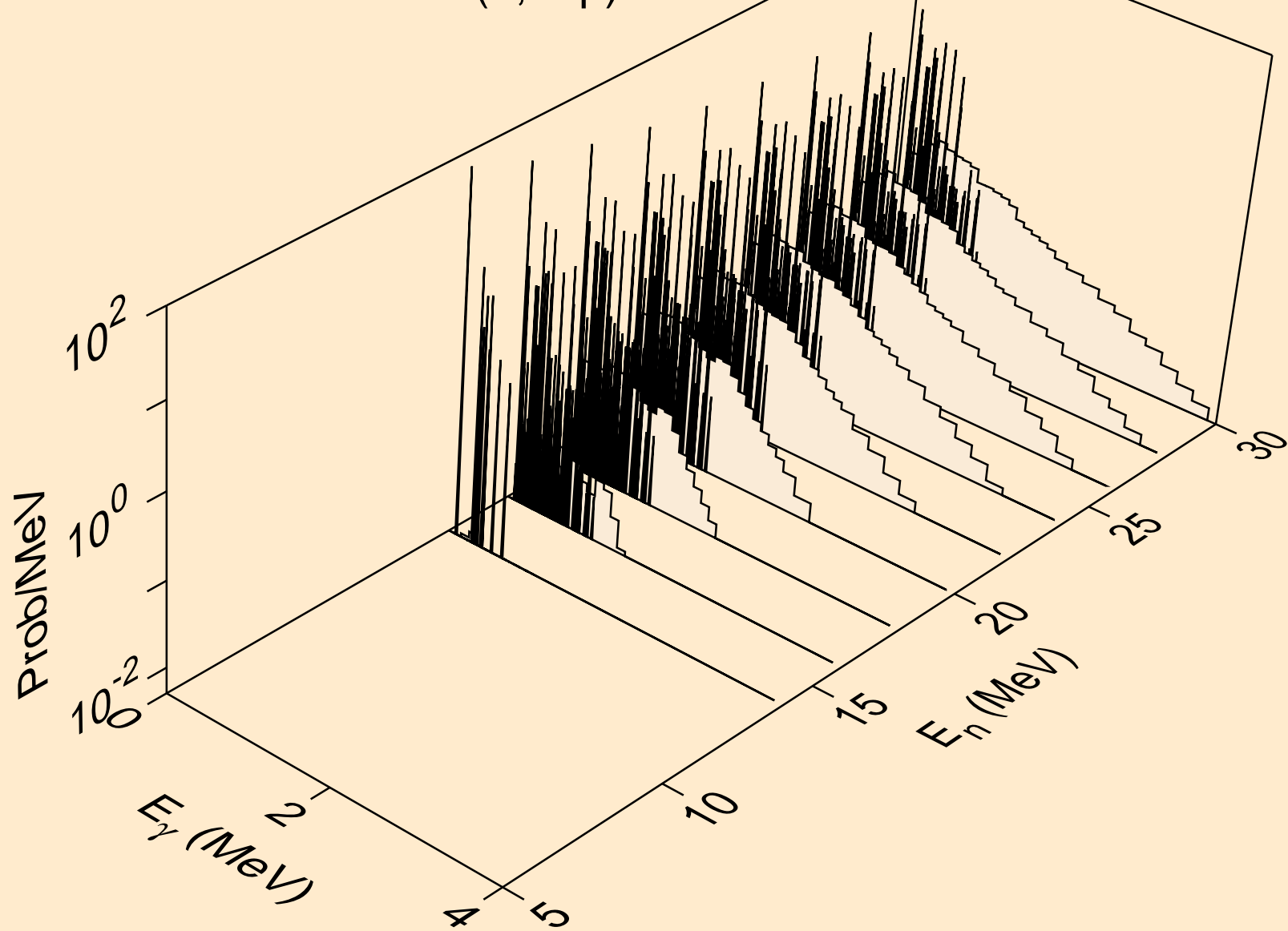




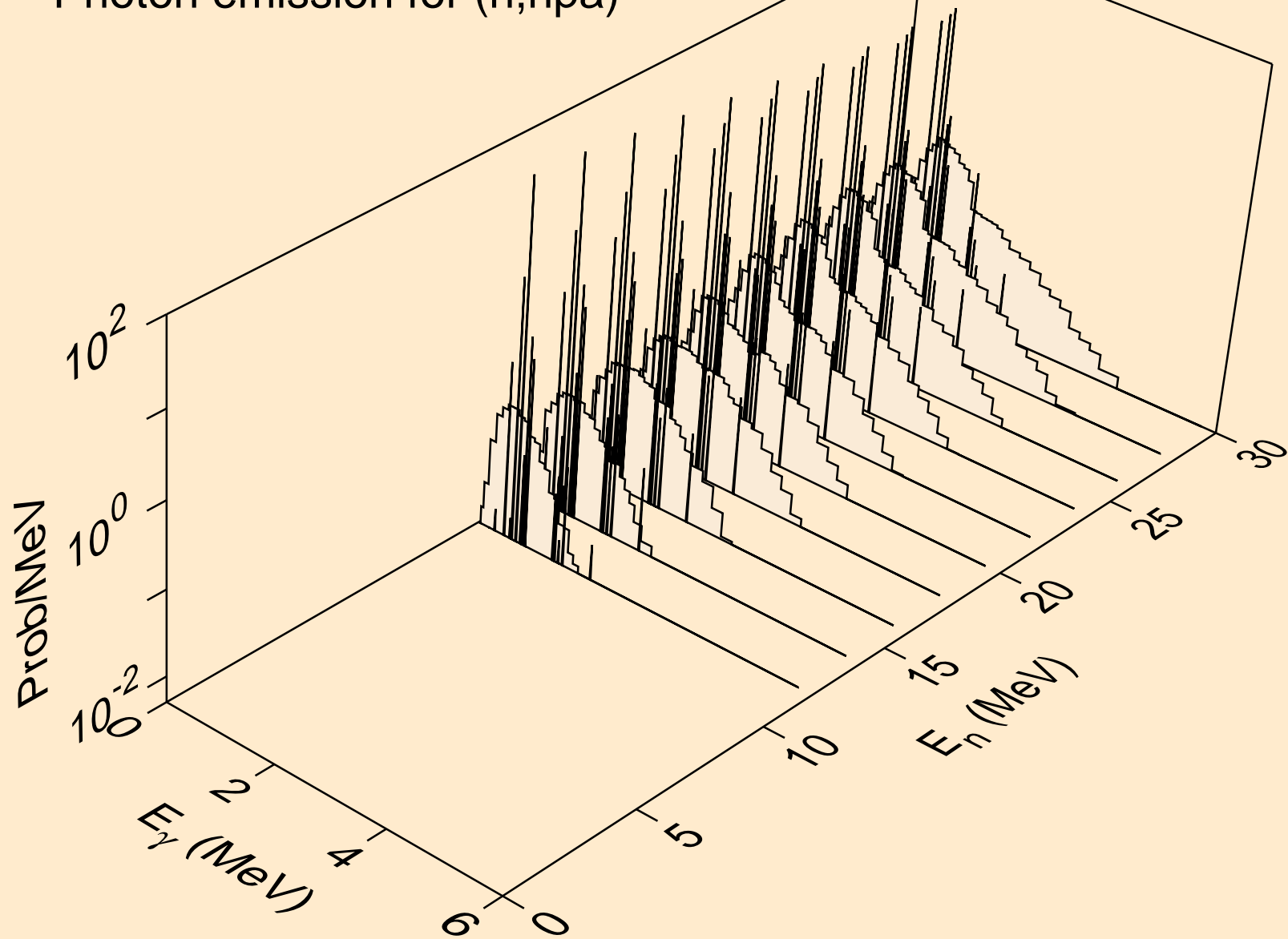
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Photon emission for (n,3np)



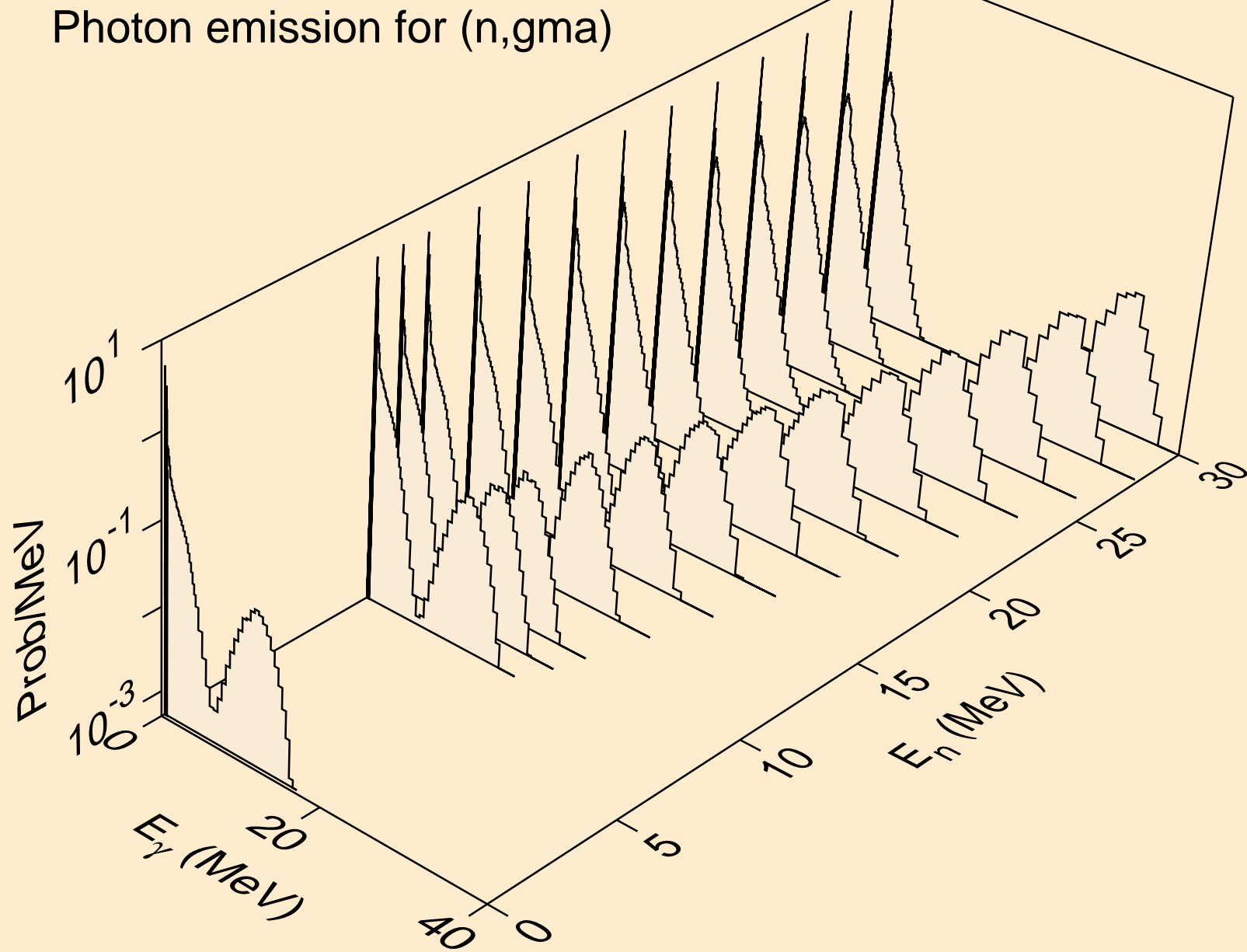
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Photon emission for (n,2np)



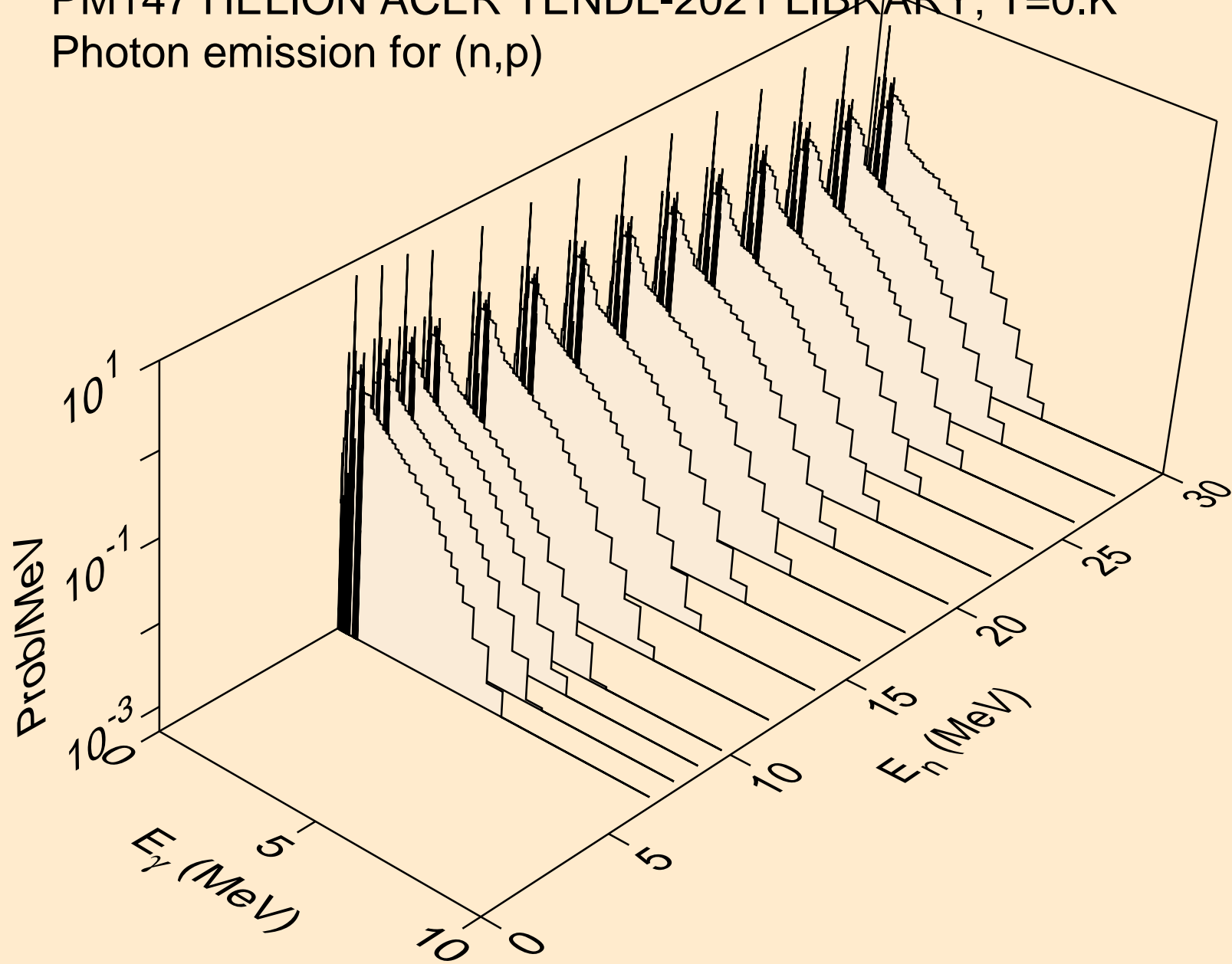
PM147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,npa)



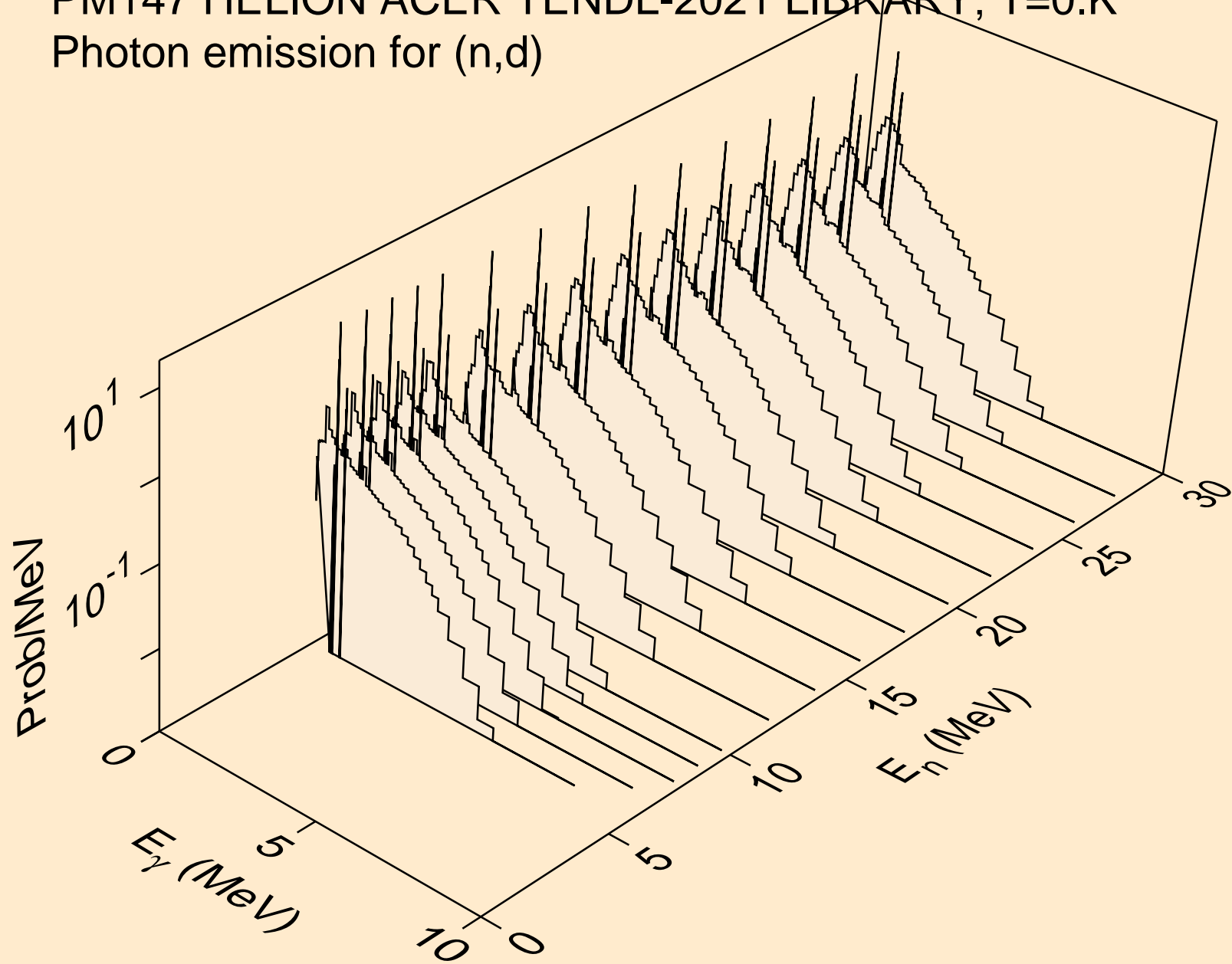
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Photon emission for (n,gma)



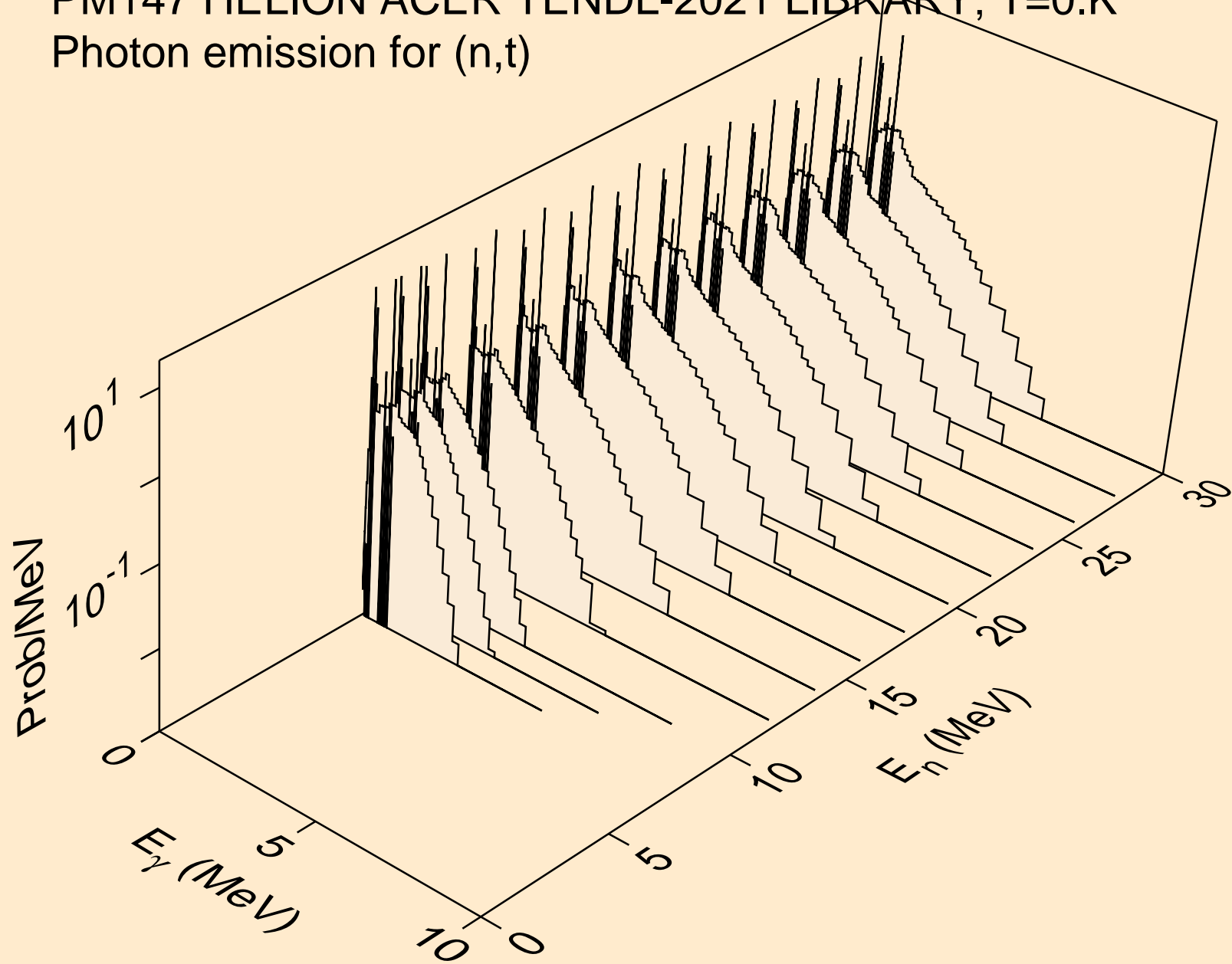
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Photon emission for (n,p)



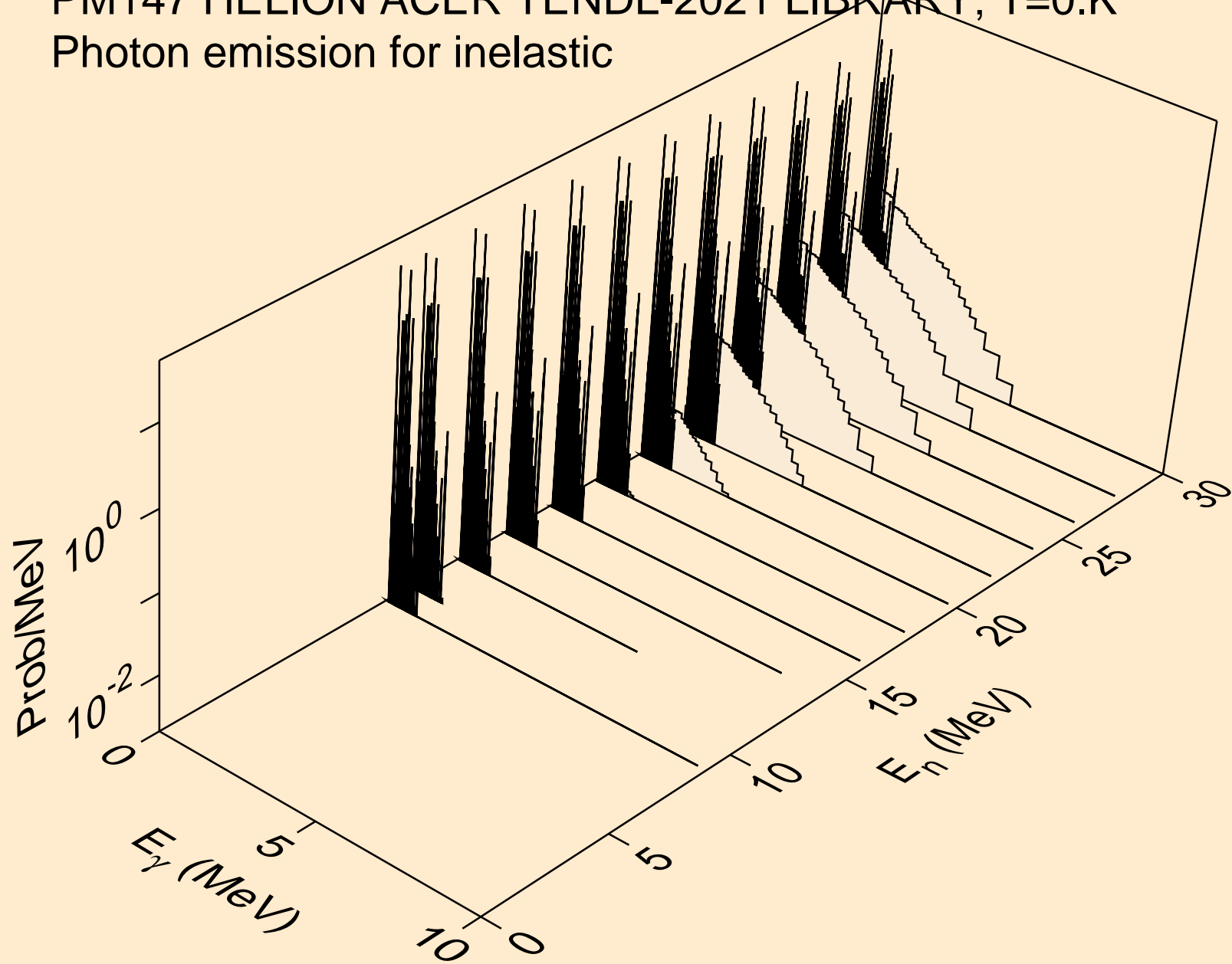
PM147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)



PM147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)

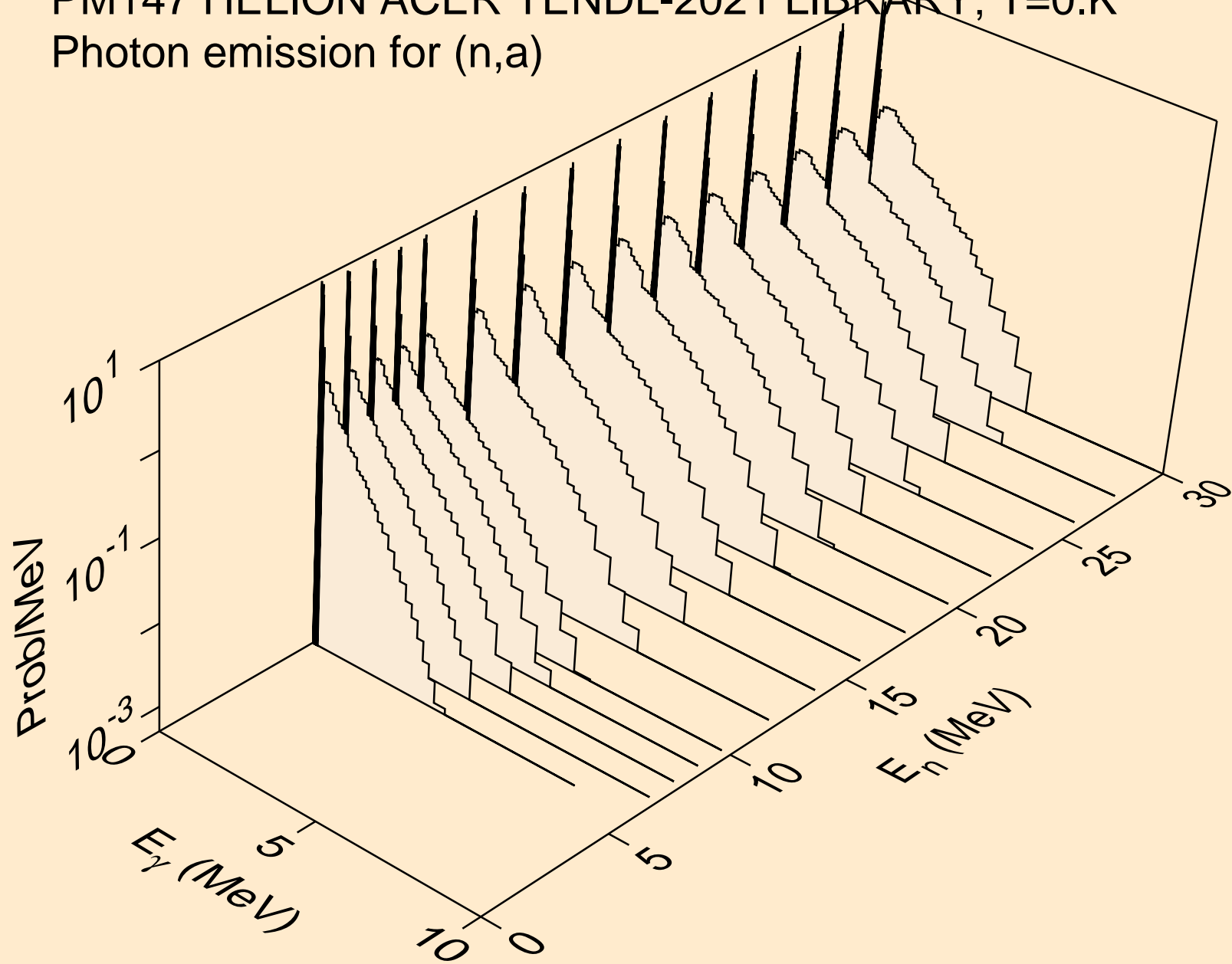


PM147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic

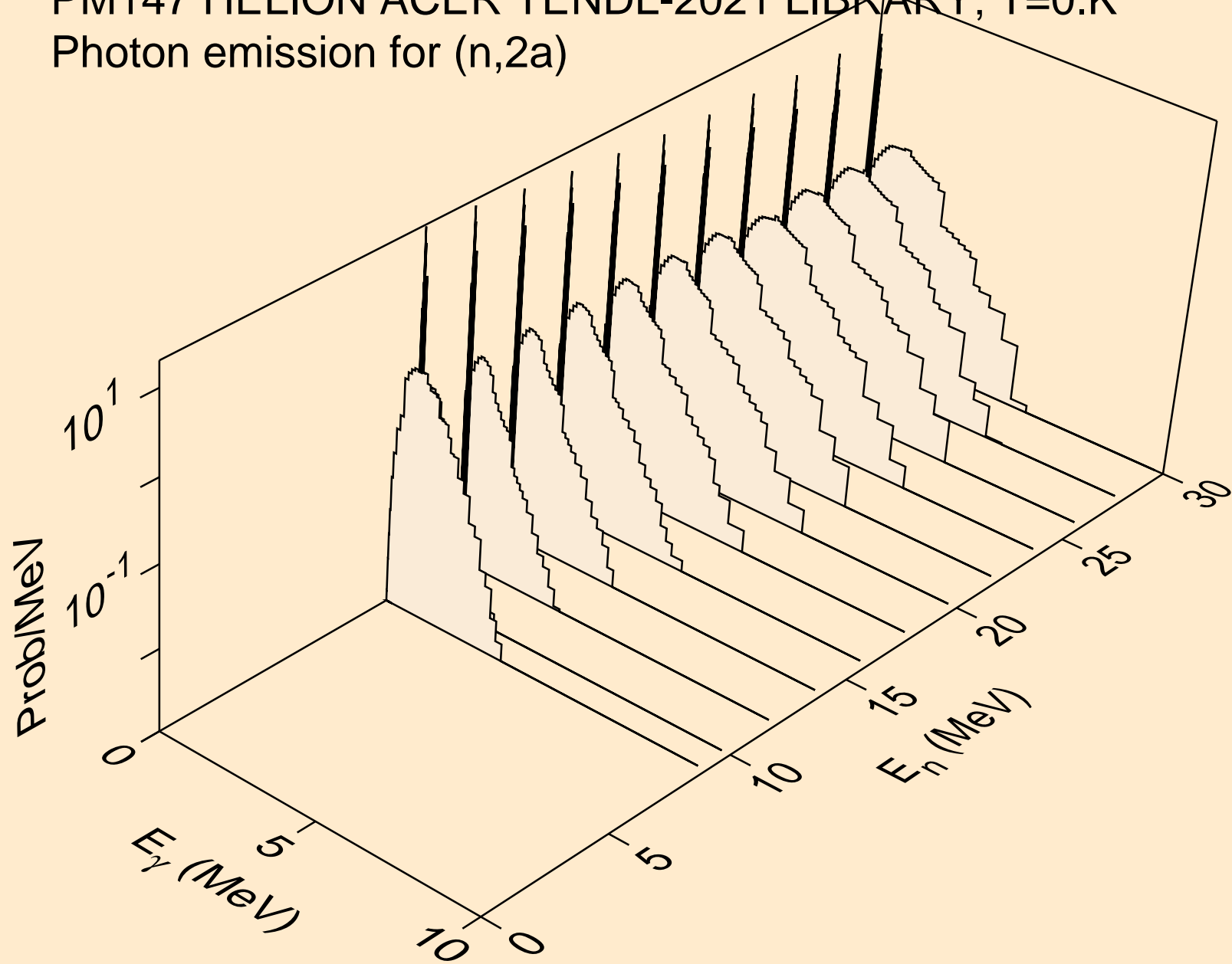




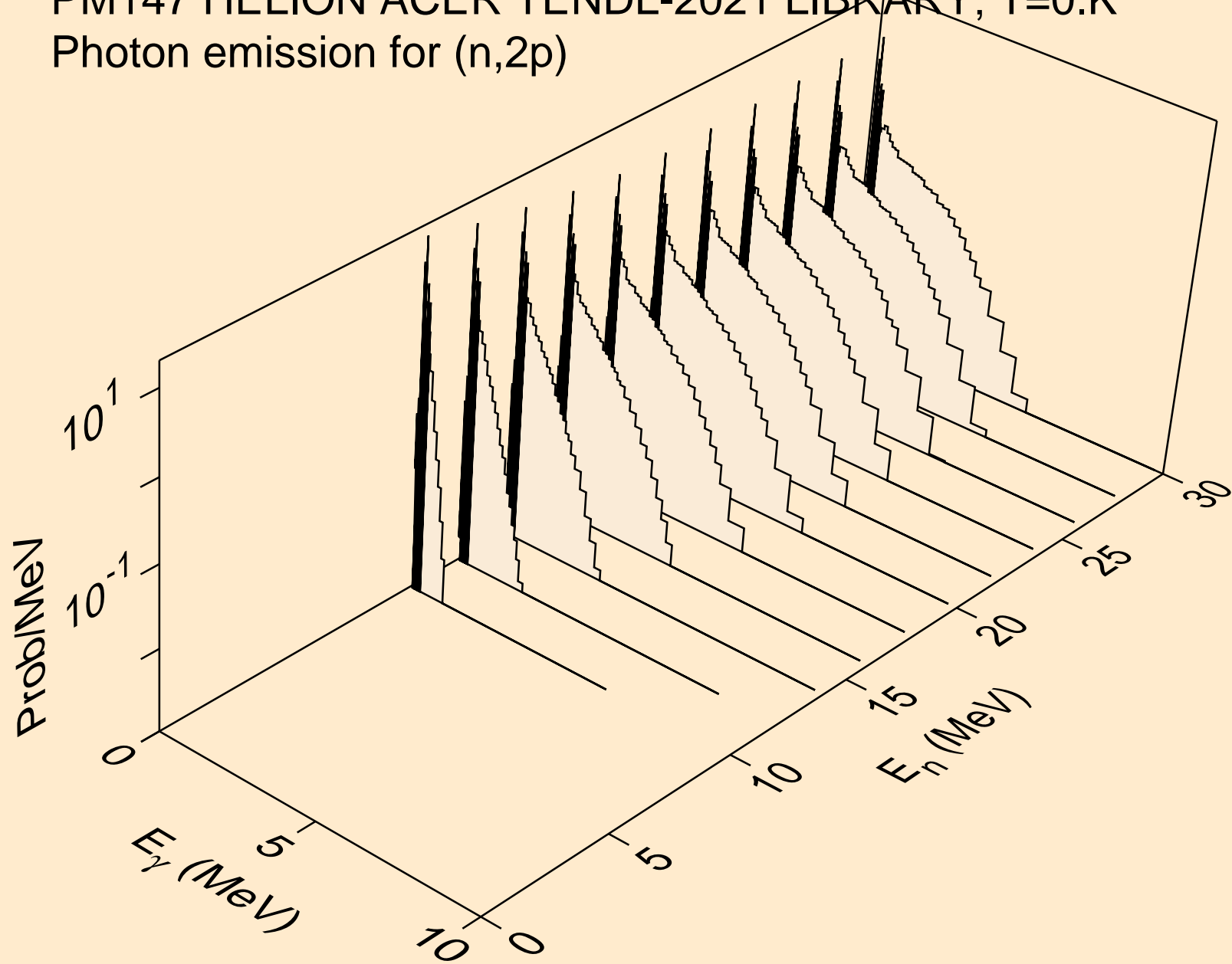
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Photon emission for (n,a)



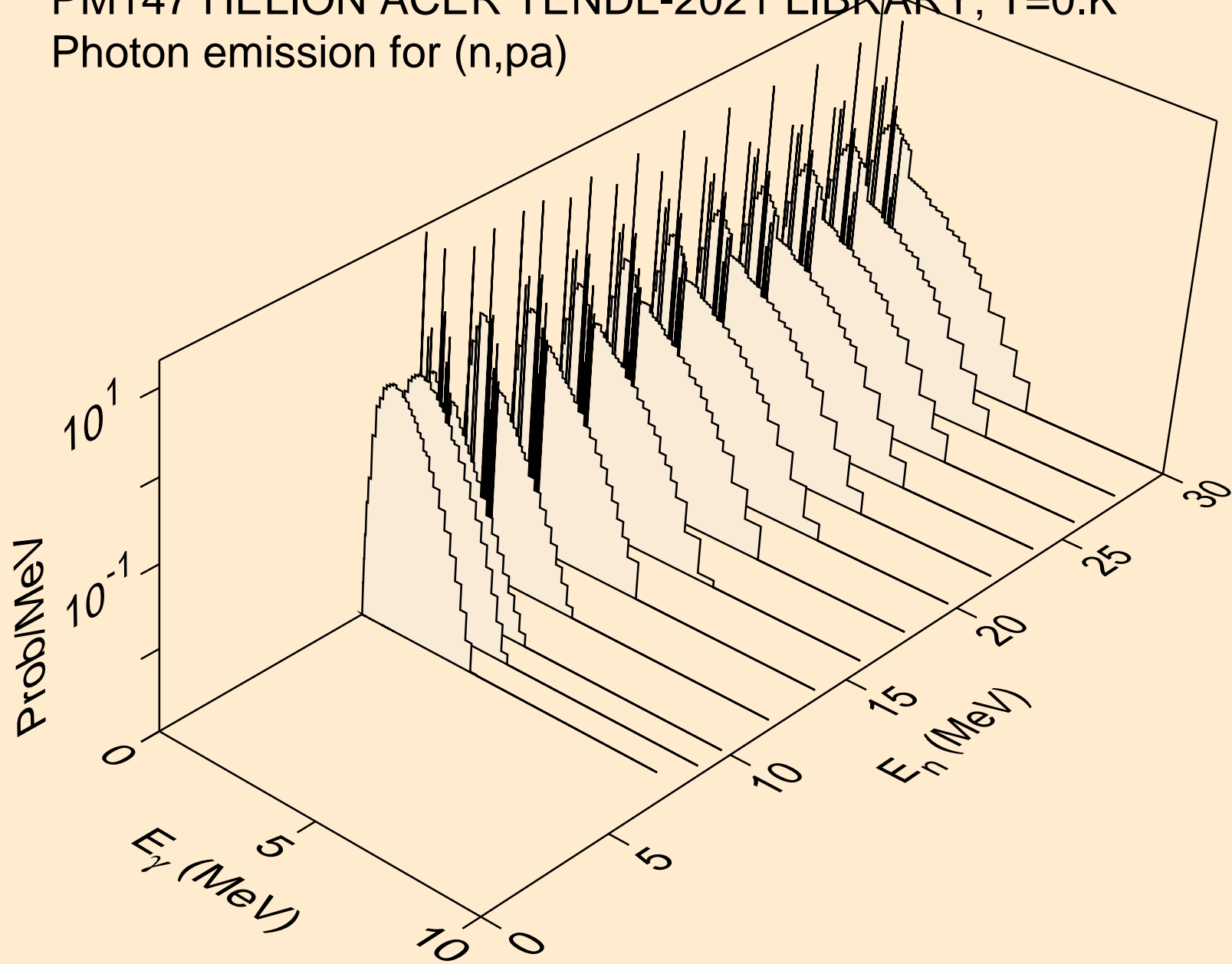
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Photon emission for (n,2a)



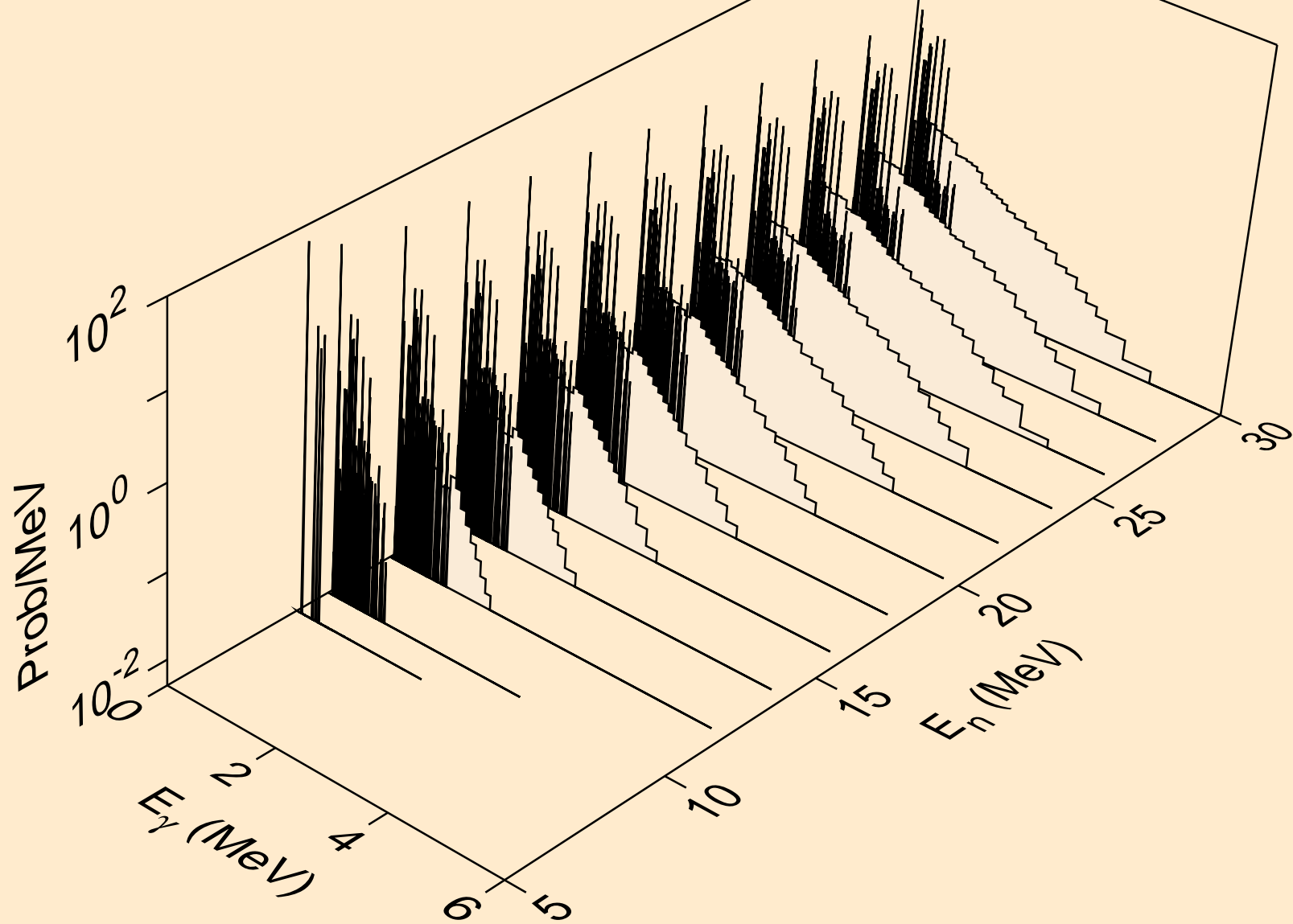
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Photon emission for (n,2p)



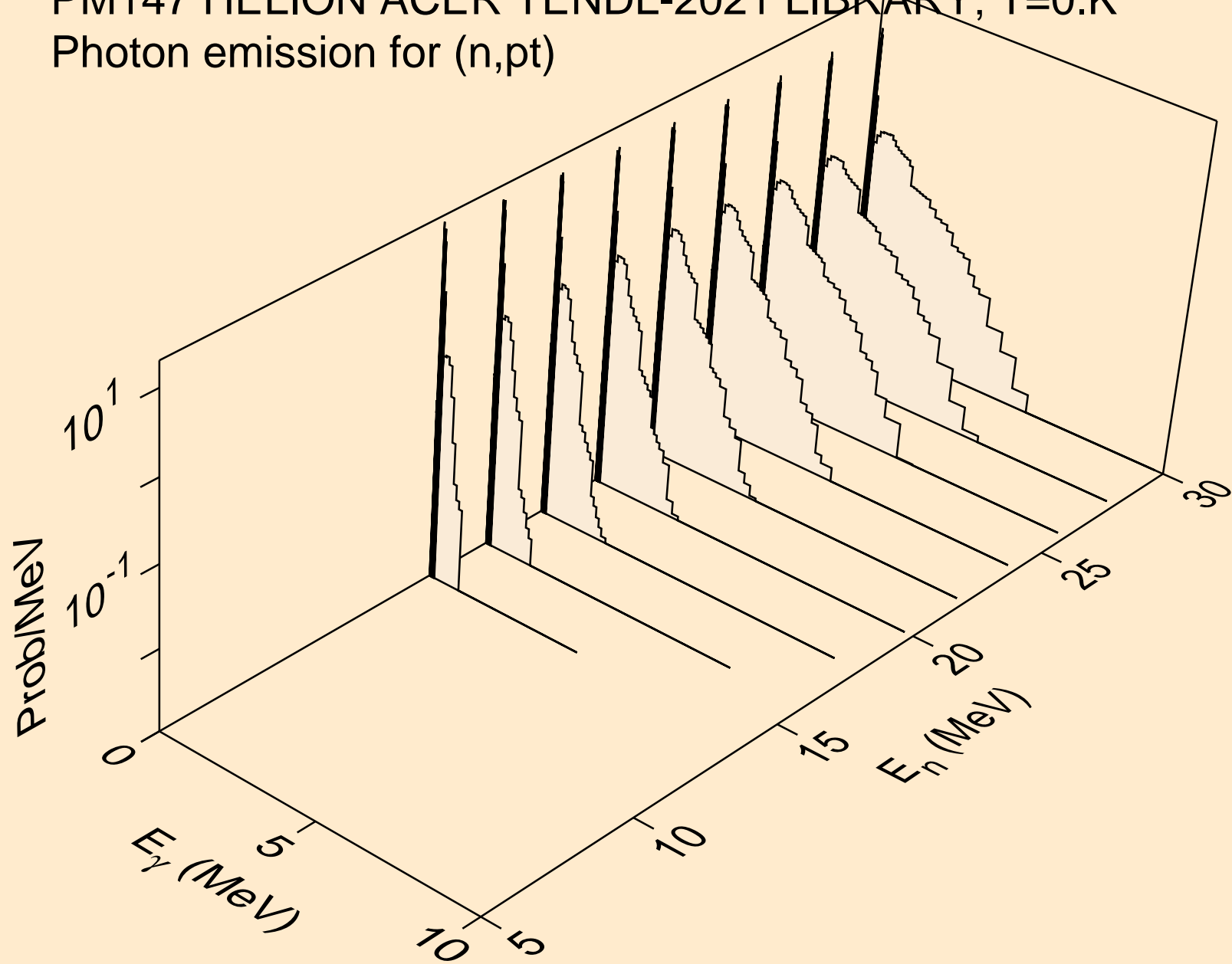
PM147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pa)



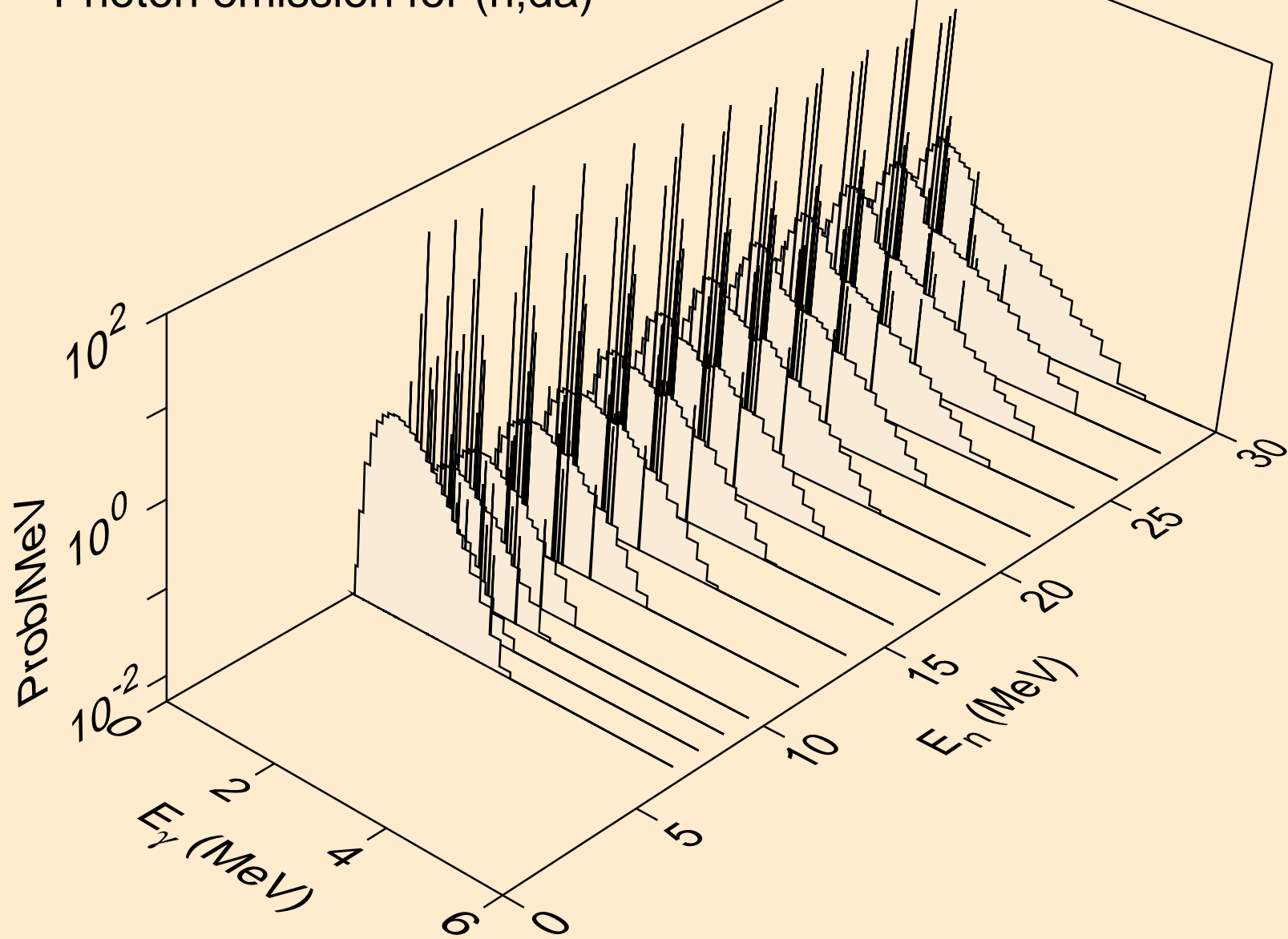
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Photon emission for (n,pd)



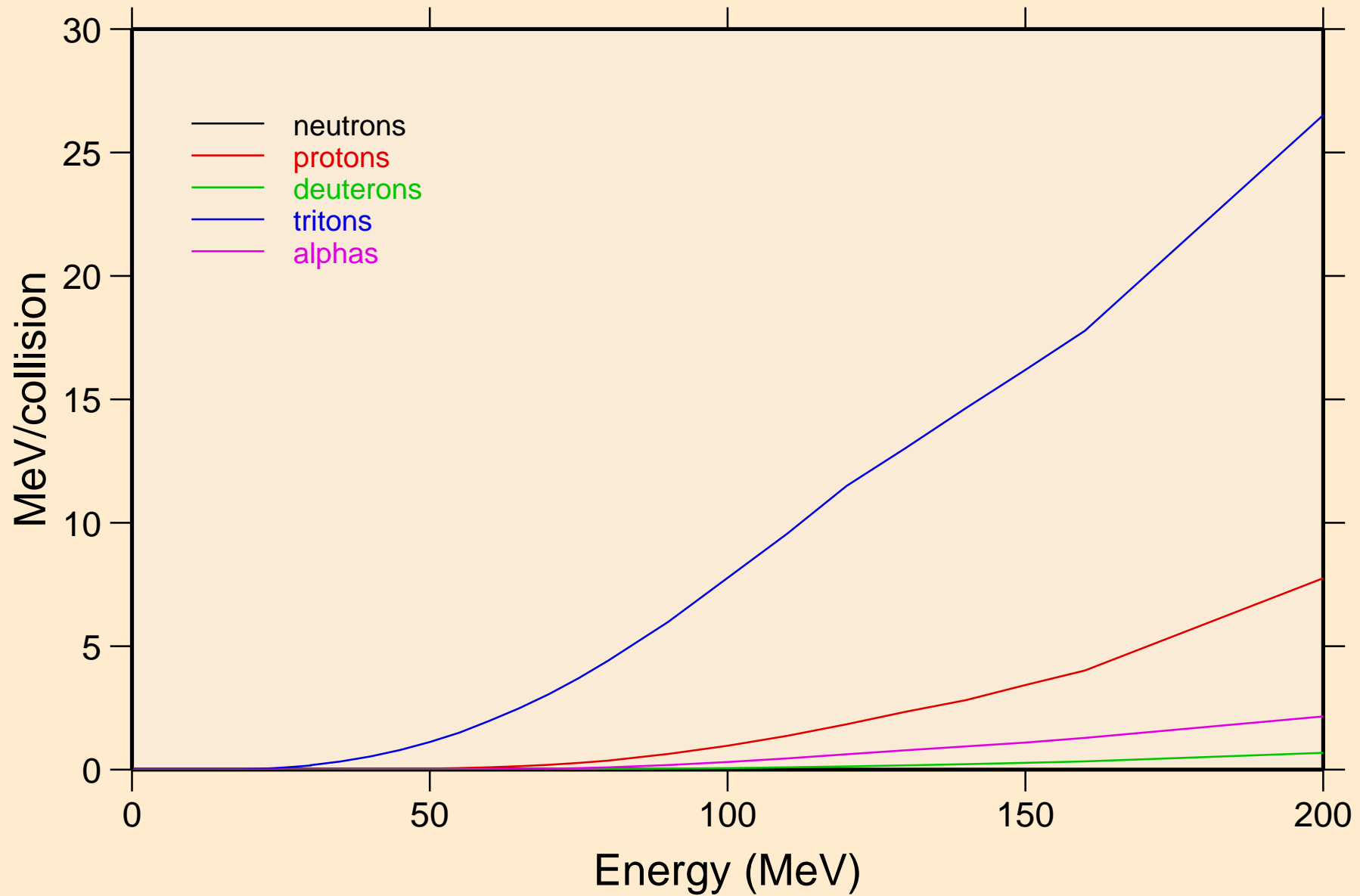
PM147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)



PM147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,da)

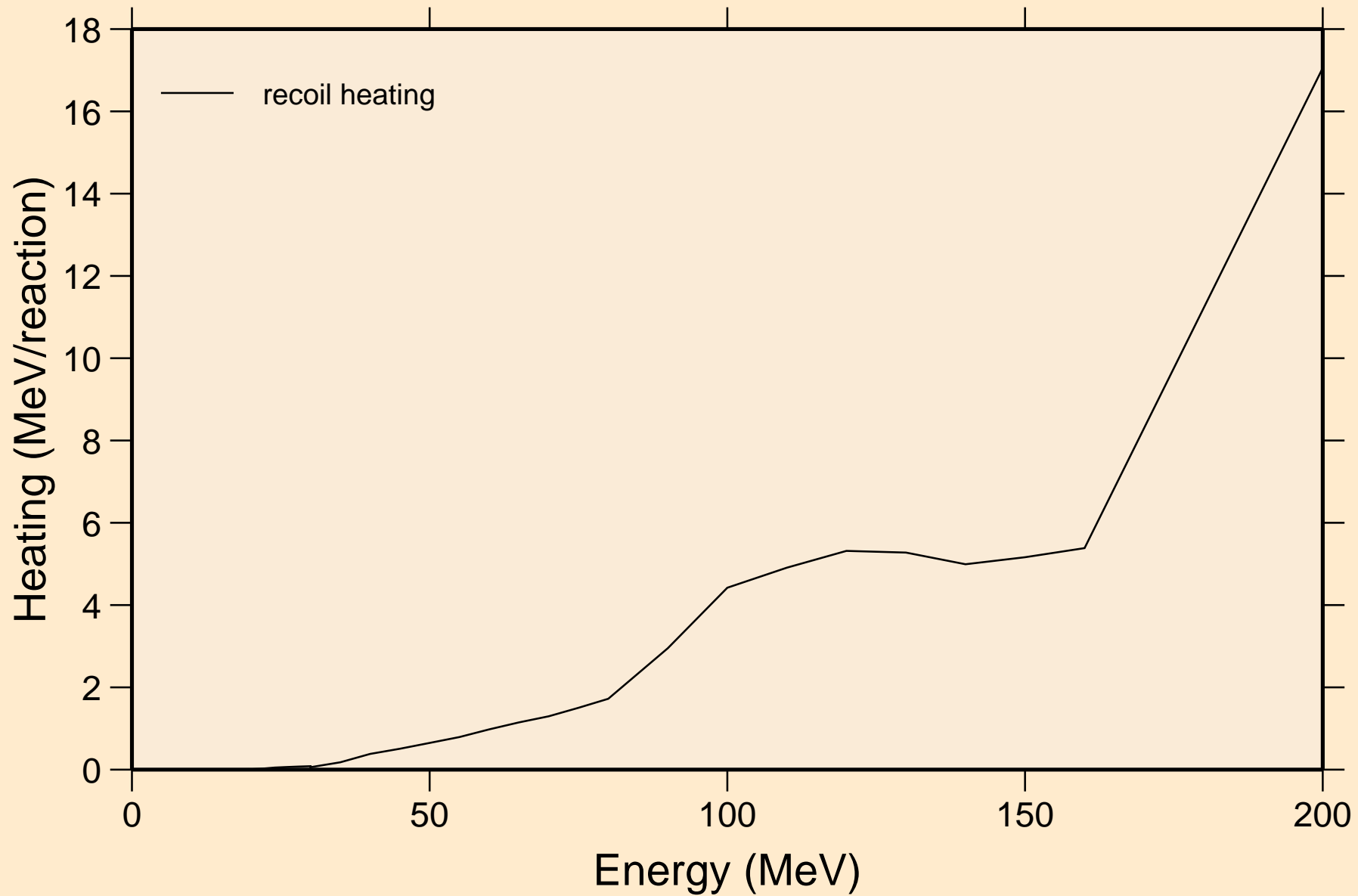


PM147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Particle heating contributions

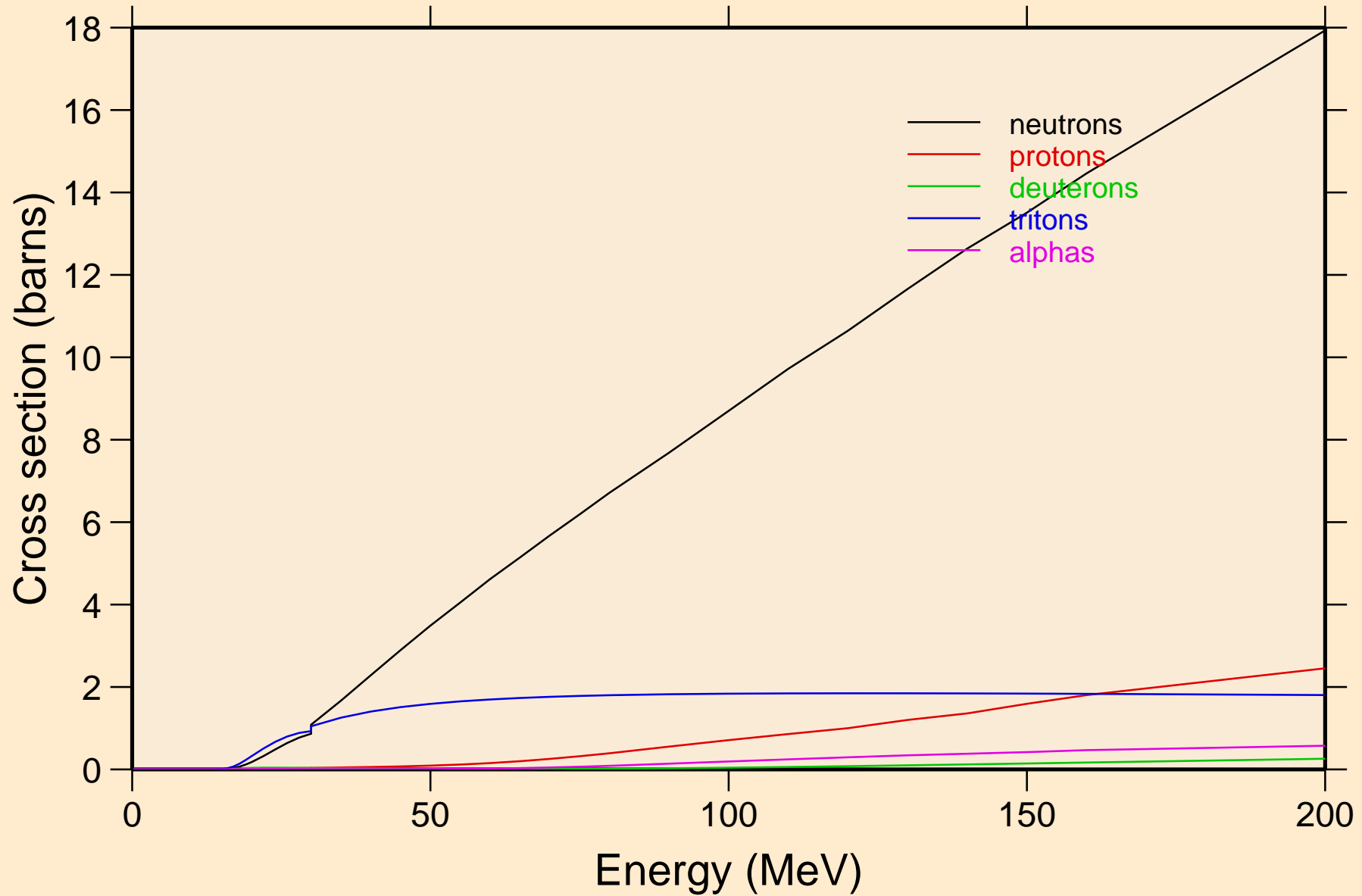




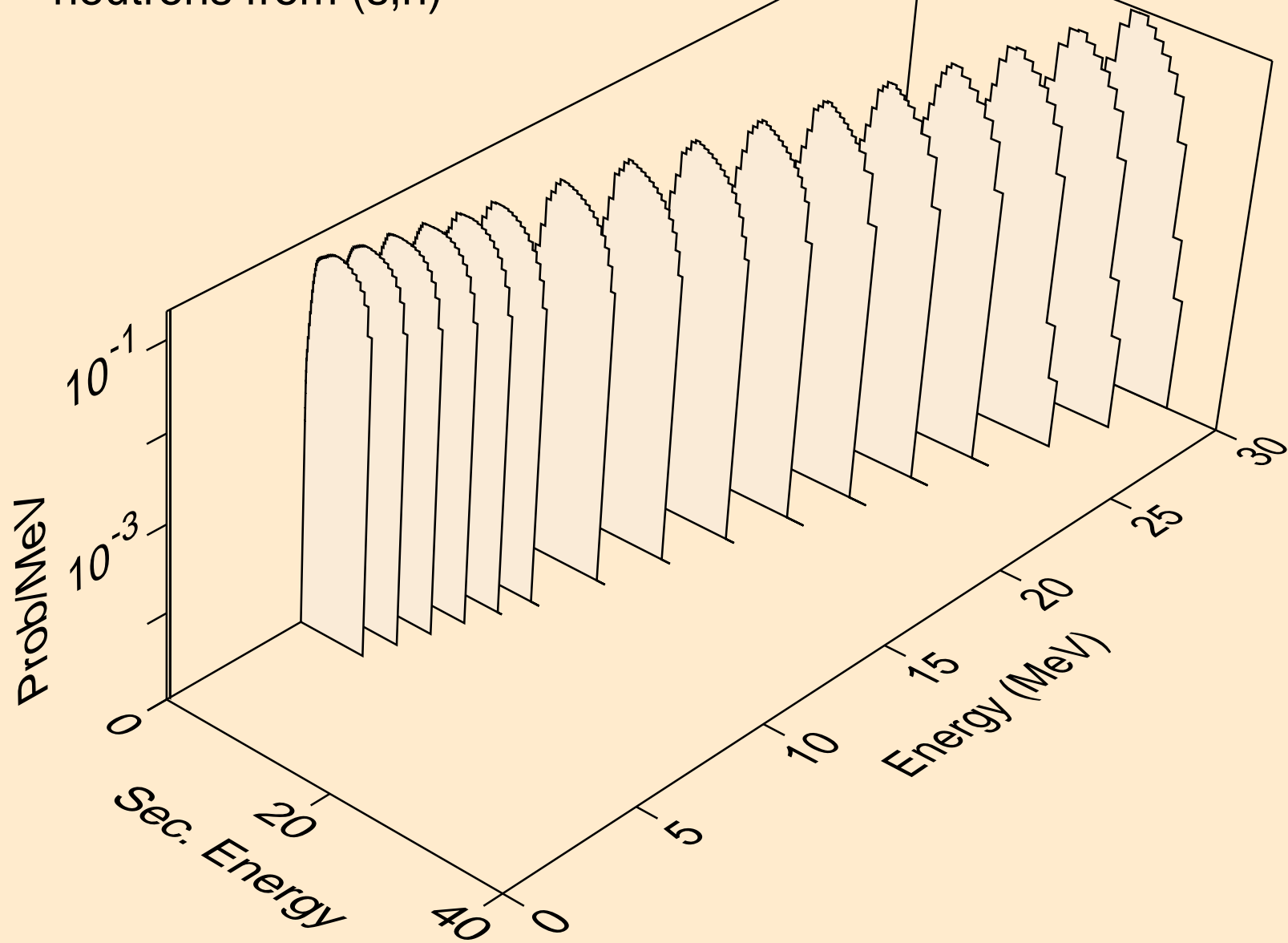
PM147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating



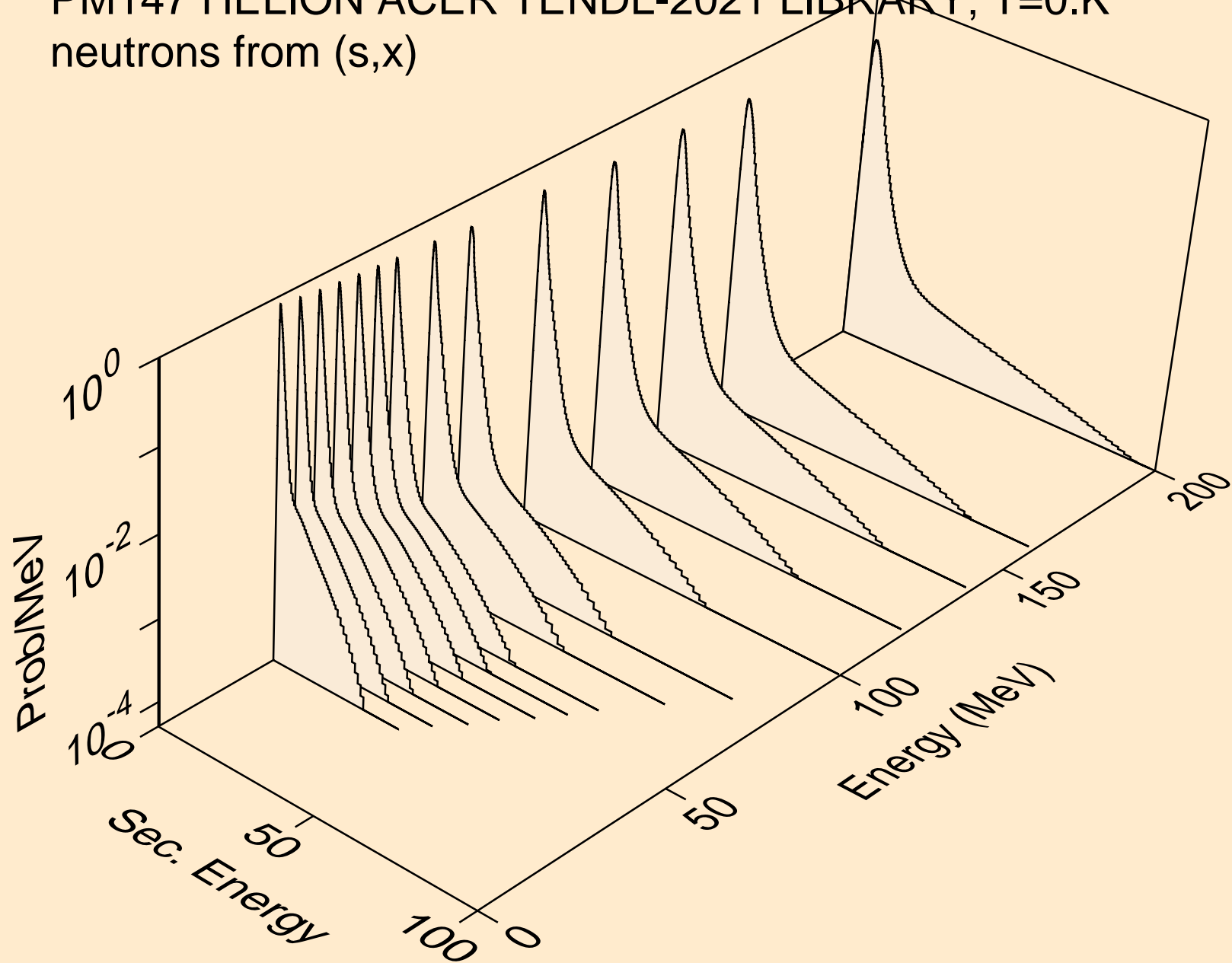
PM147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



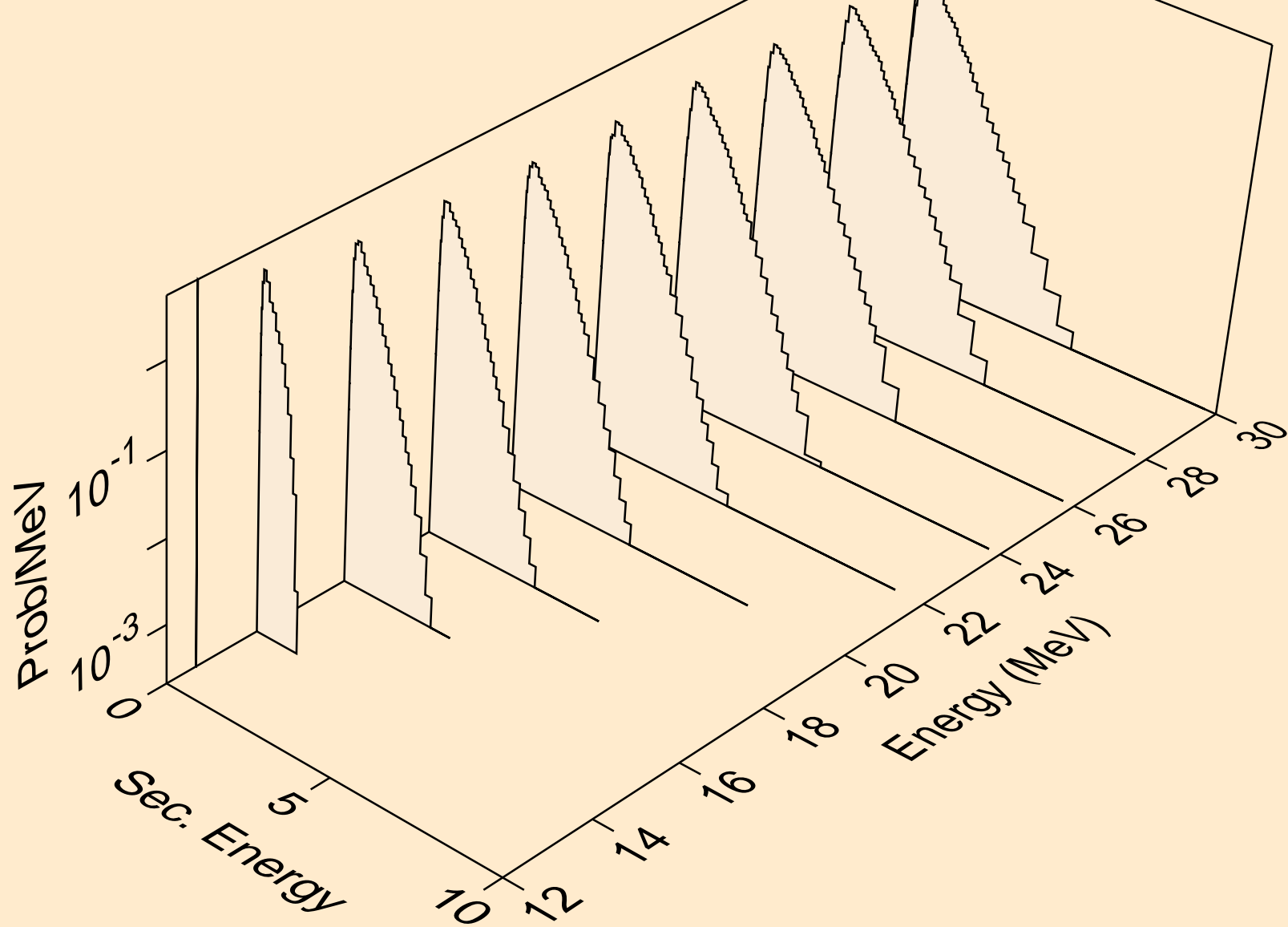
PM147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n)



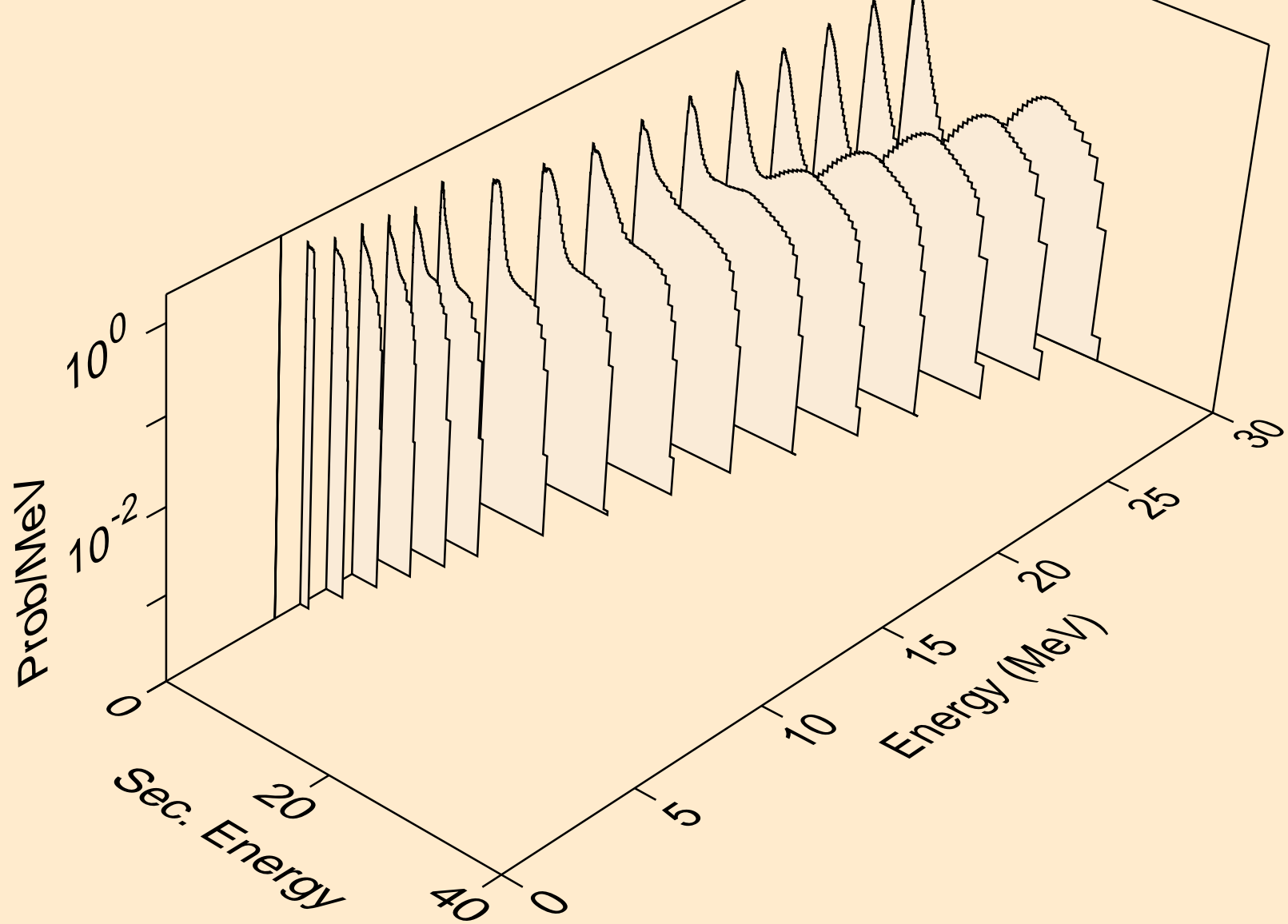
PM147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,x)



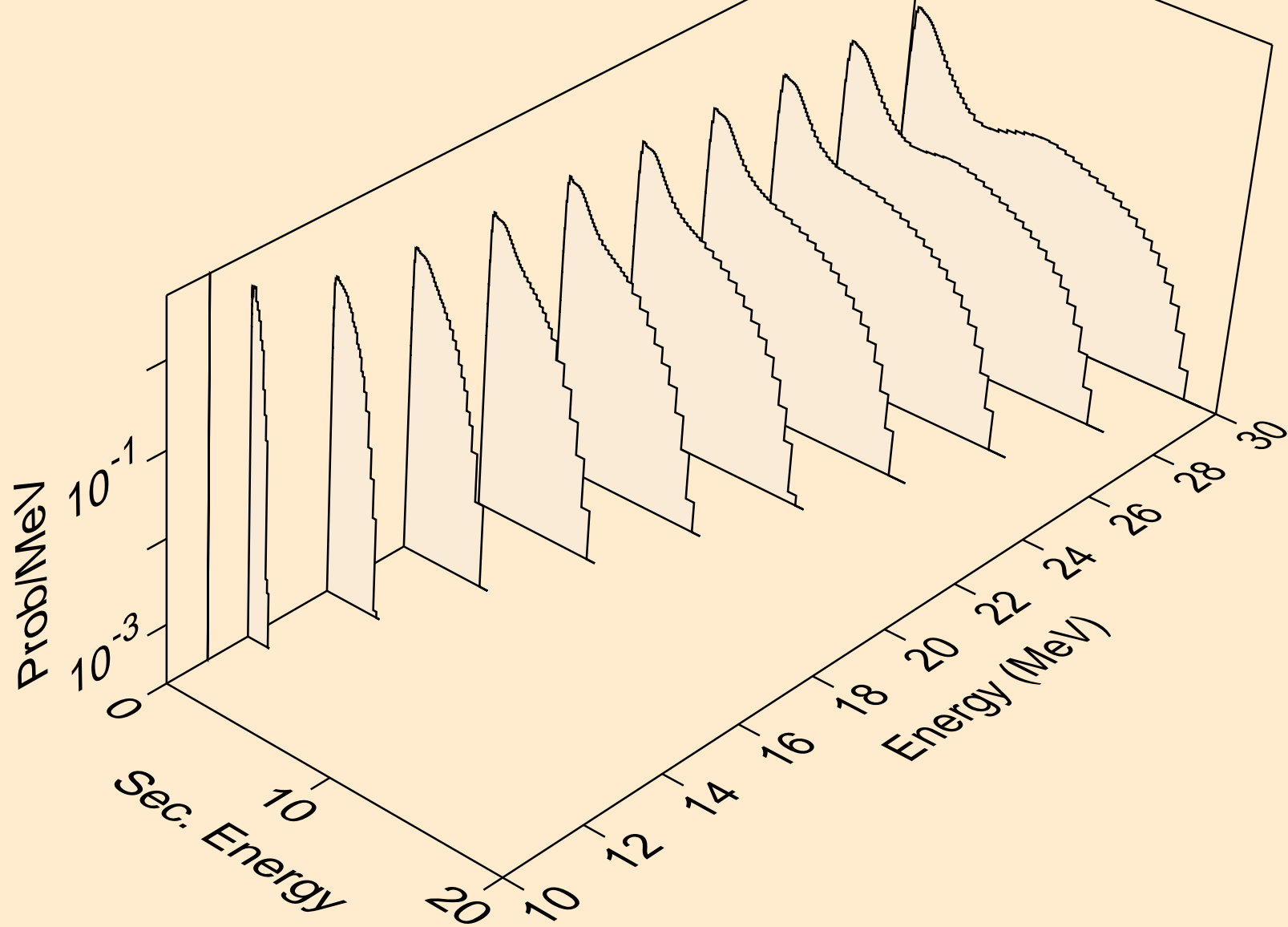
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neutrons from (s,2nd)



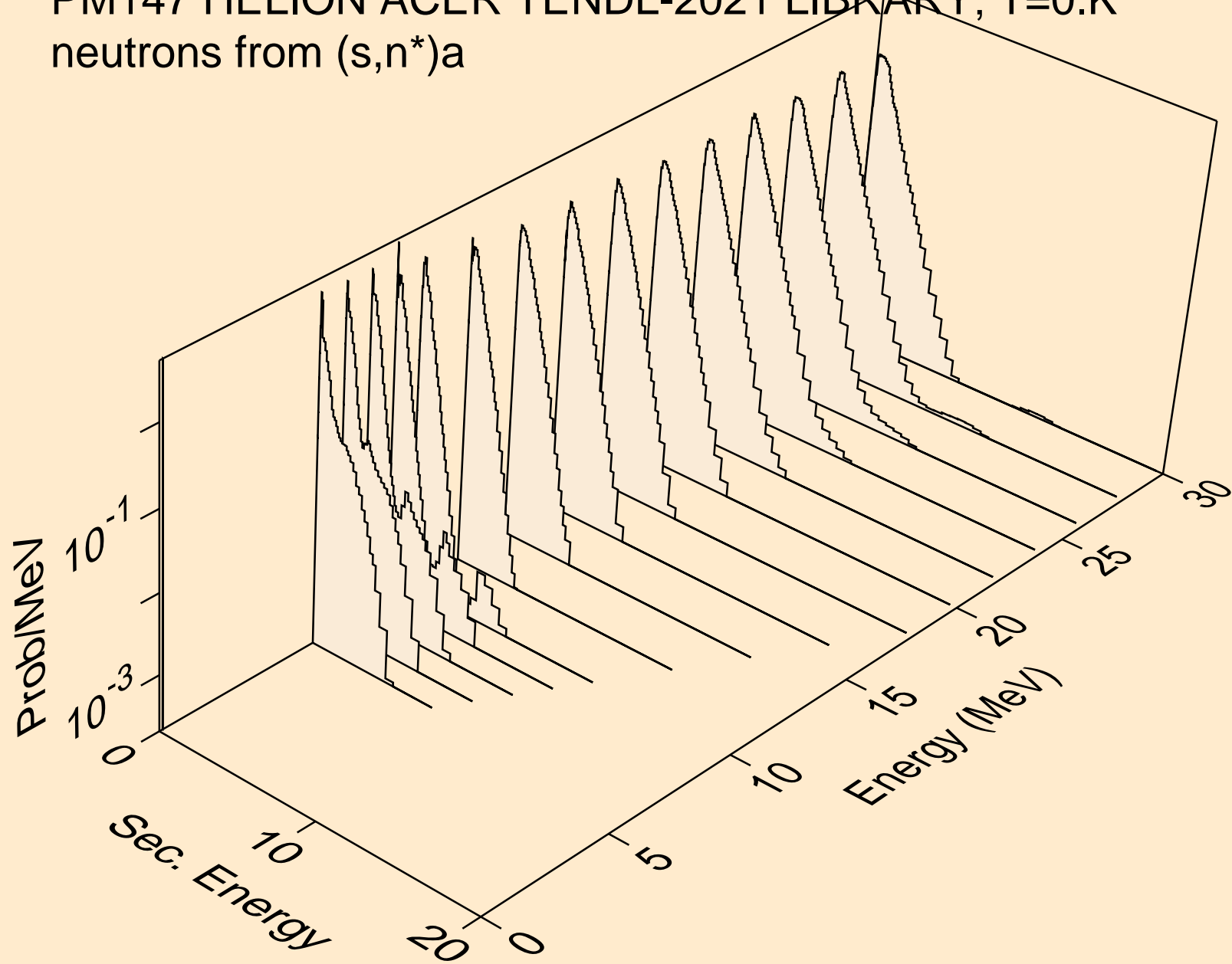
PM147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)



PM147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3n)

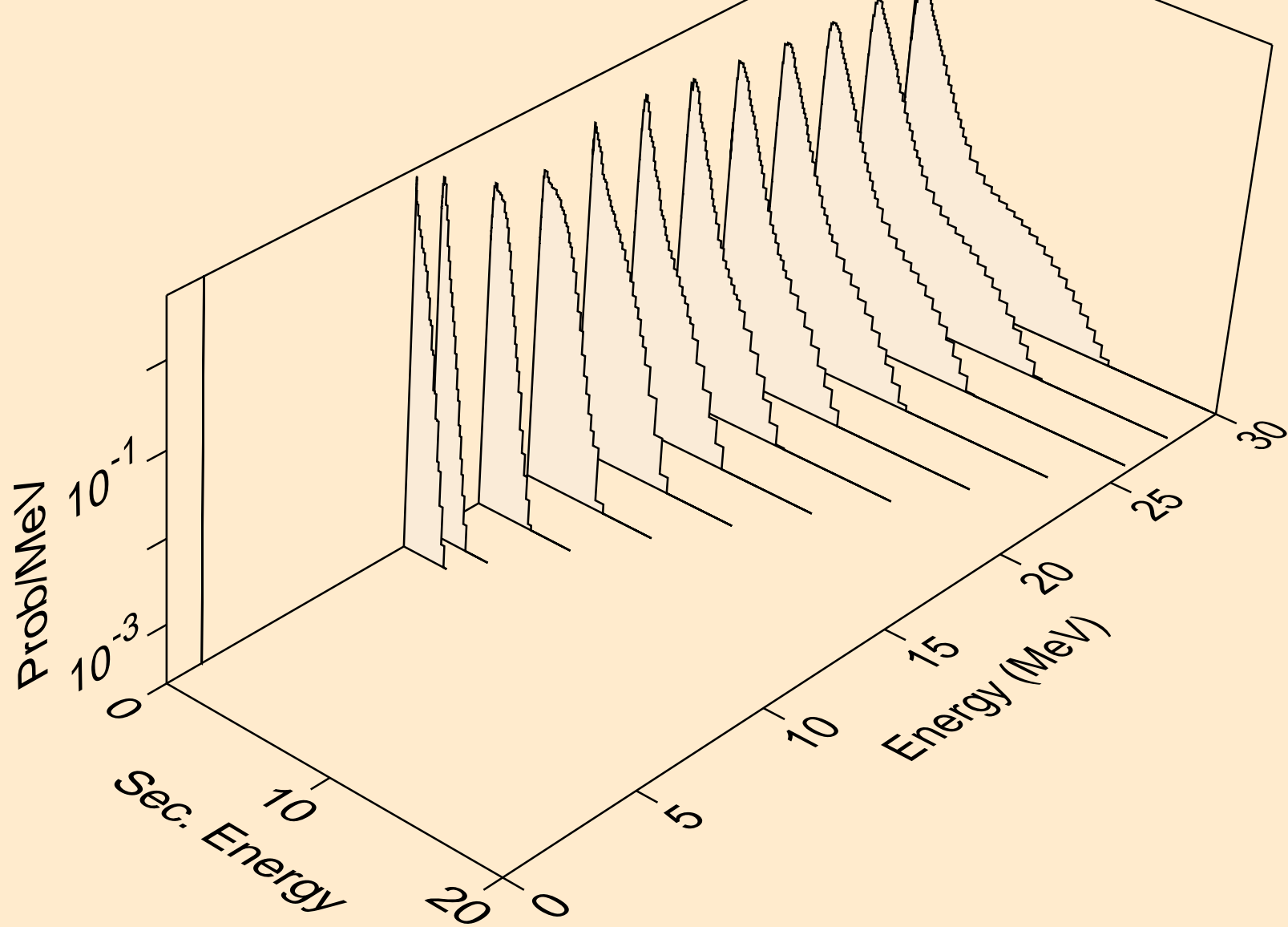


PM147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)a

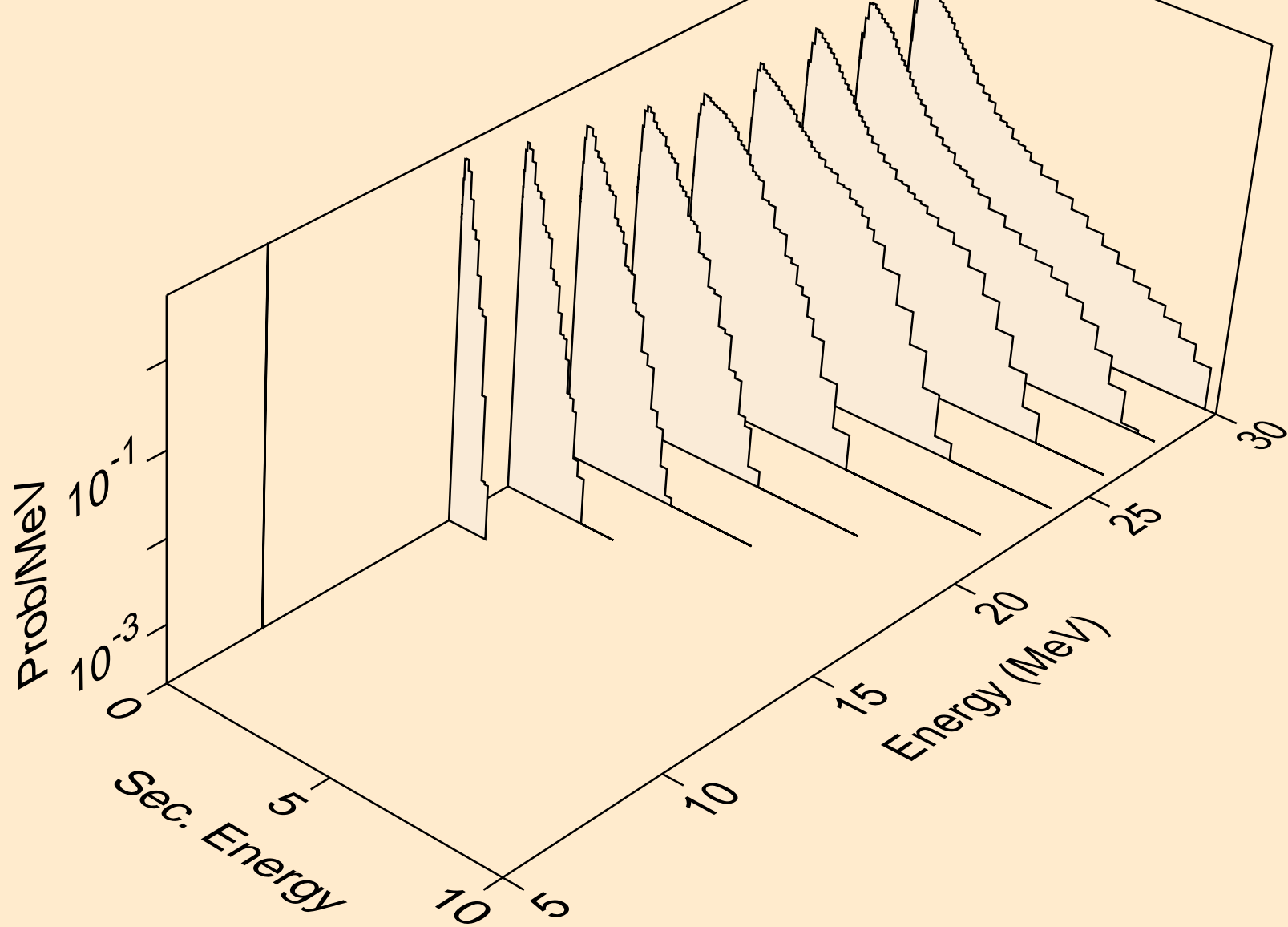




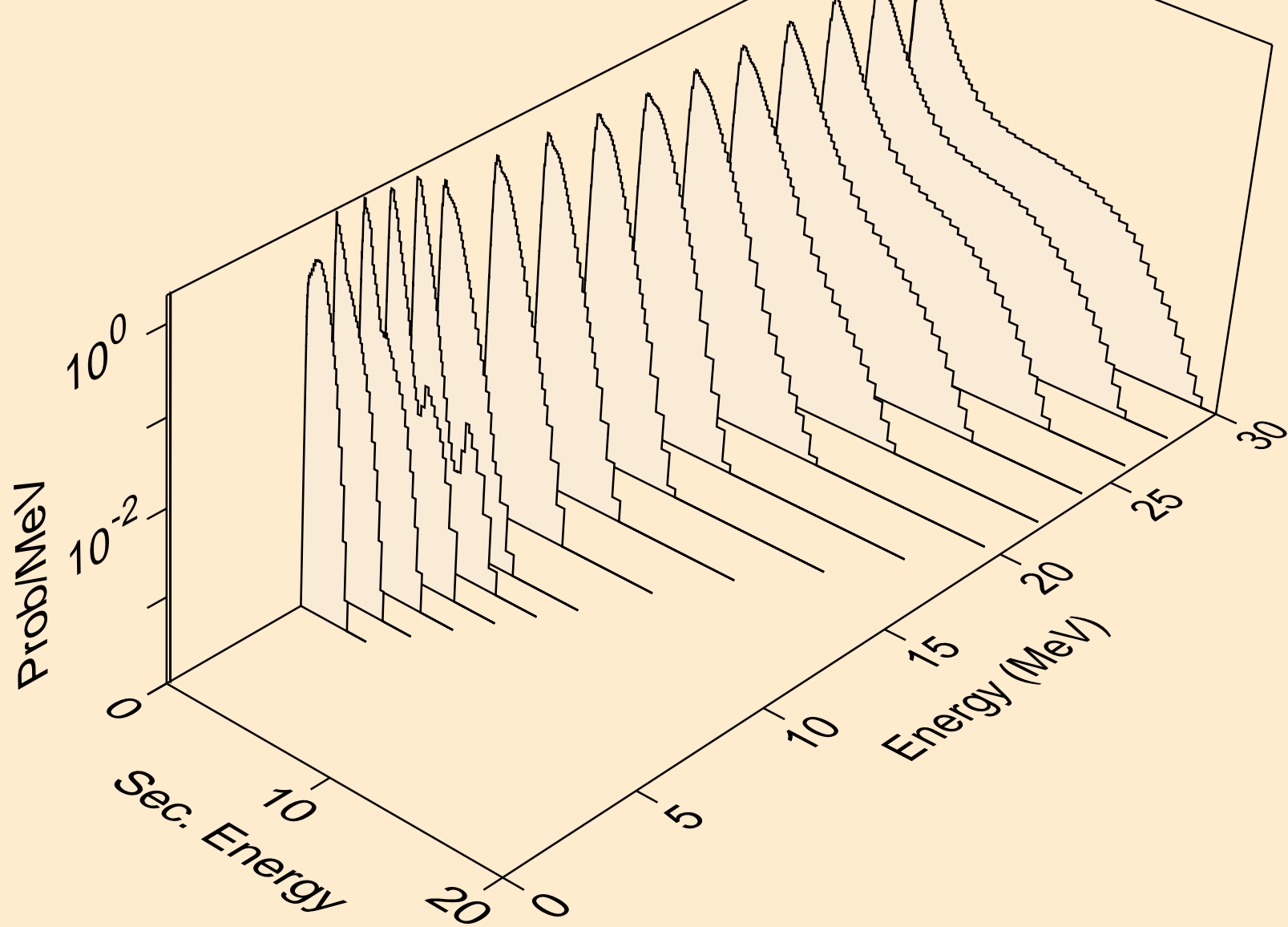
PM147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)a



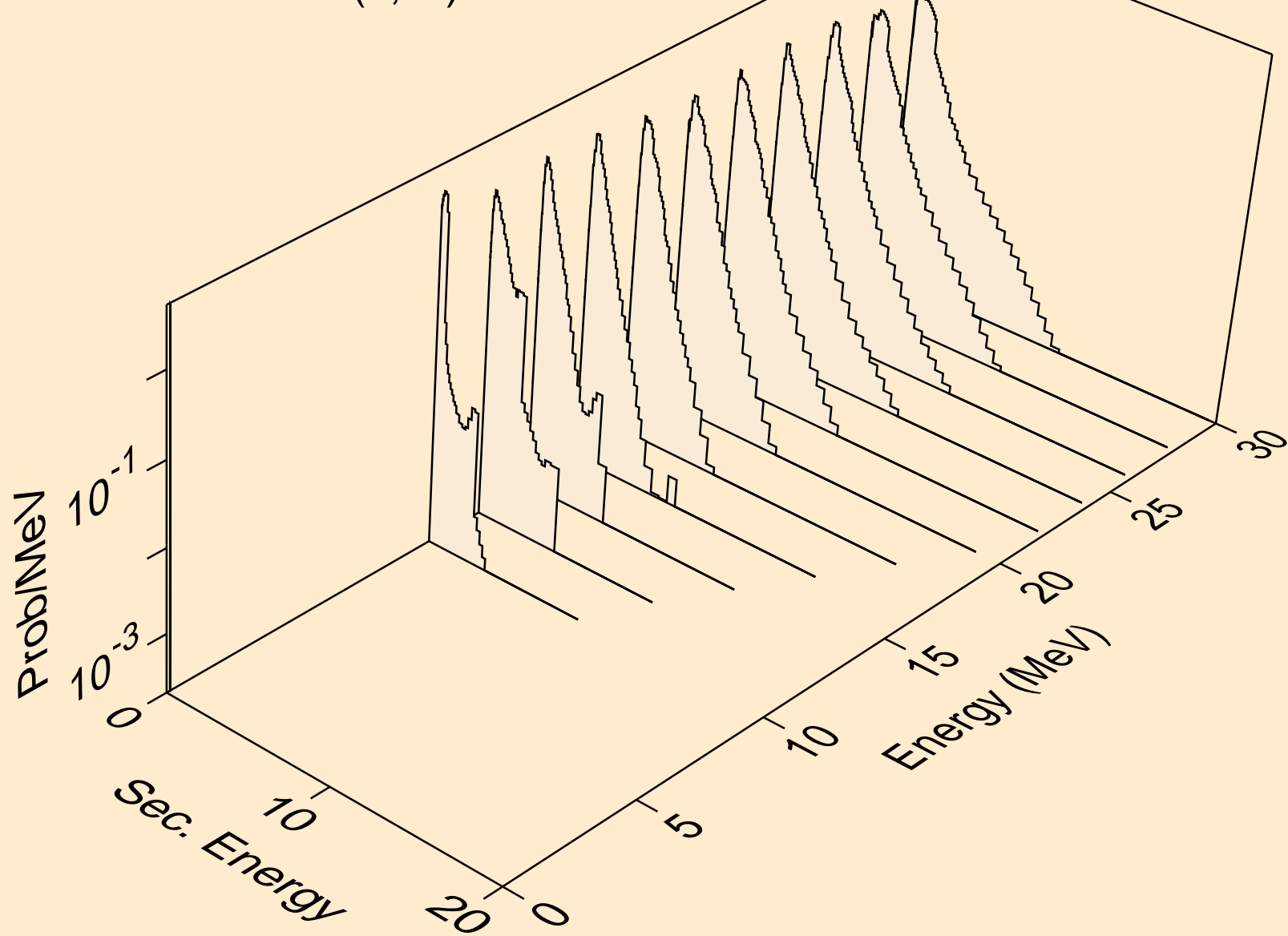
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neutrons from (s,3n)a



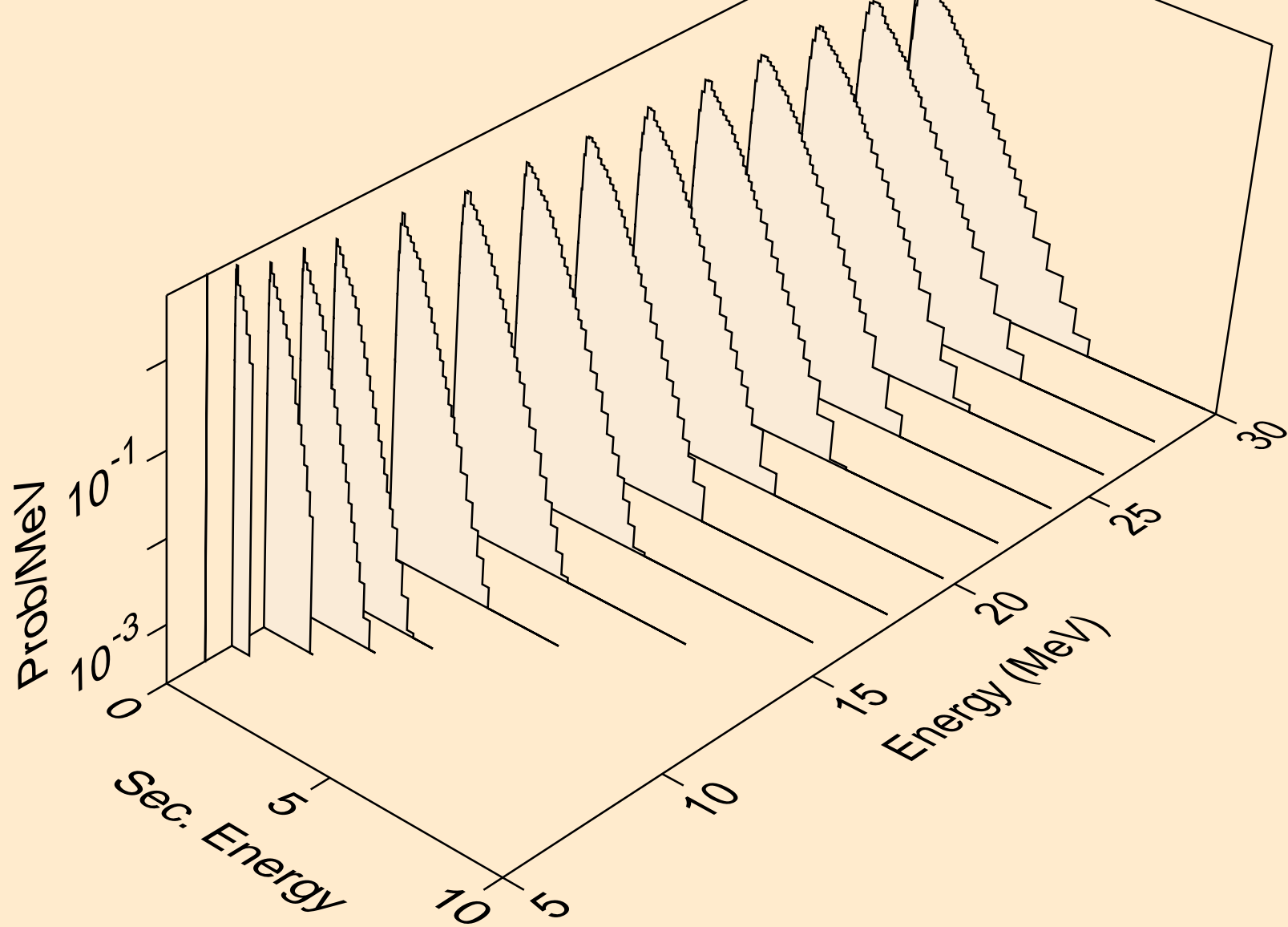
PM147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)p



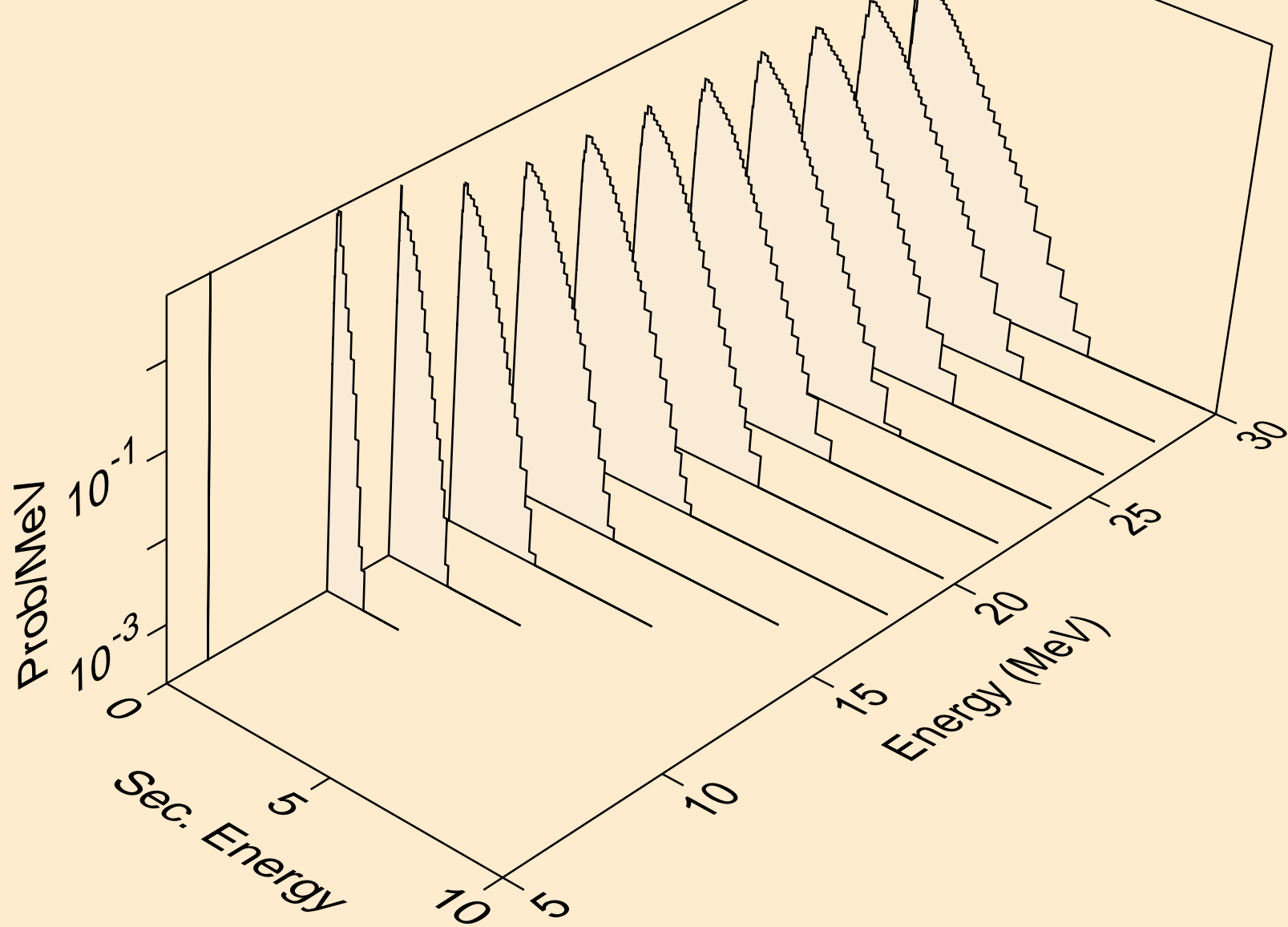
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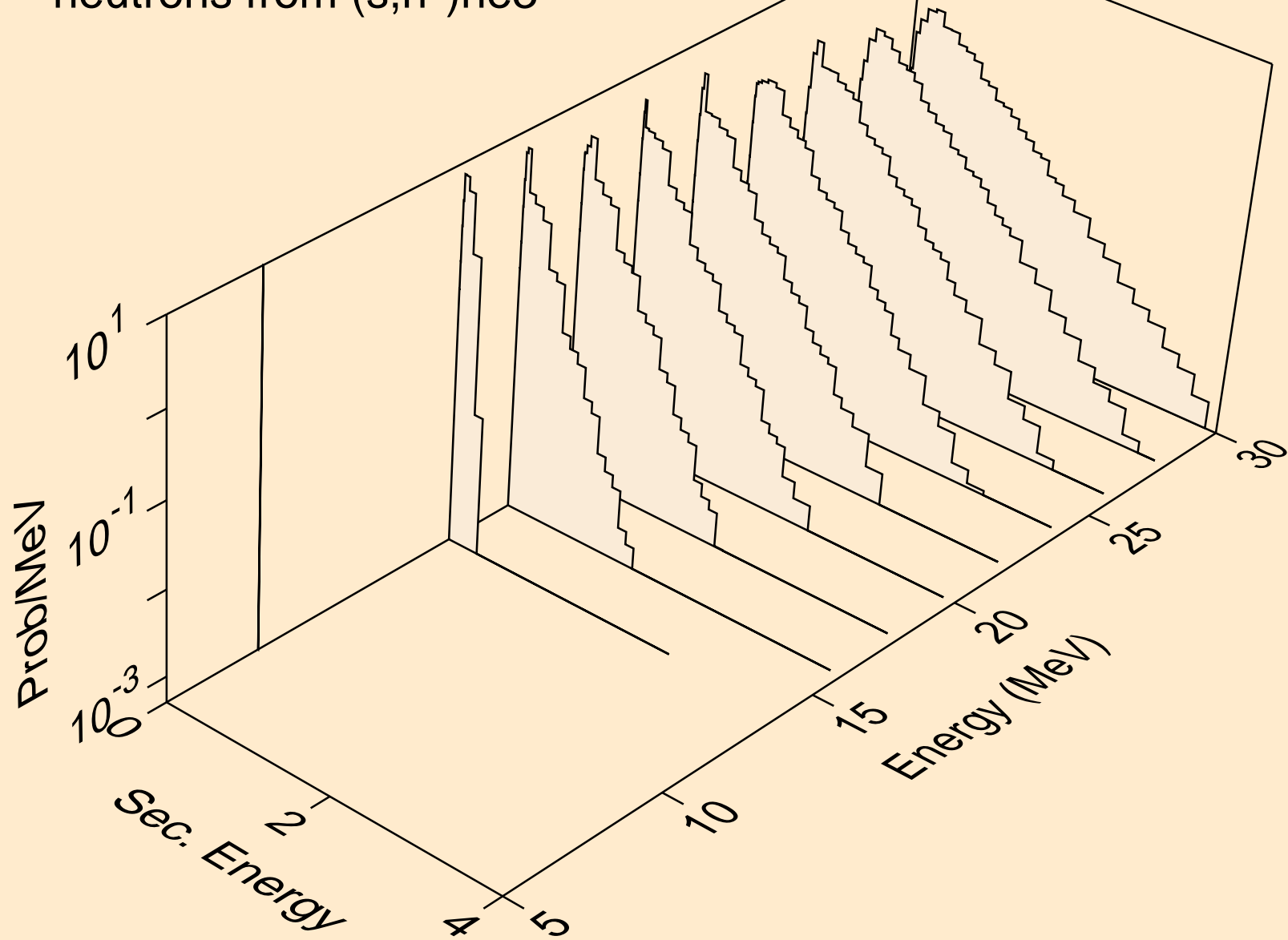
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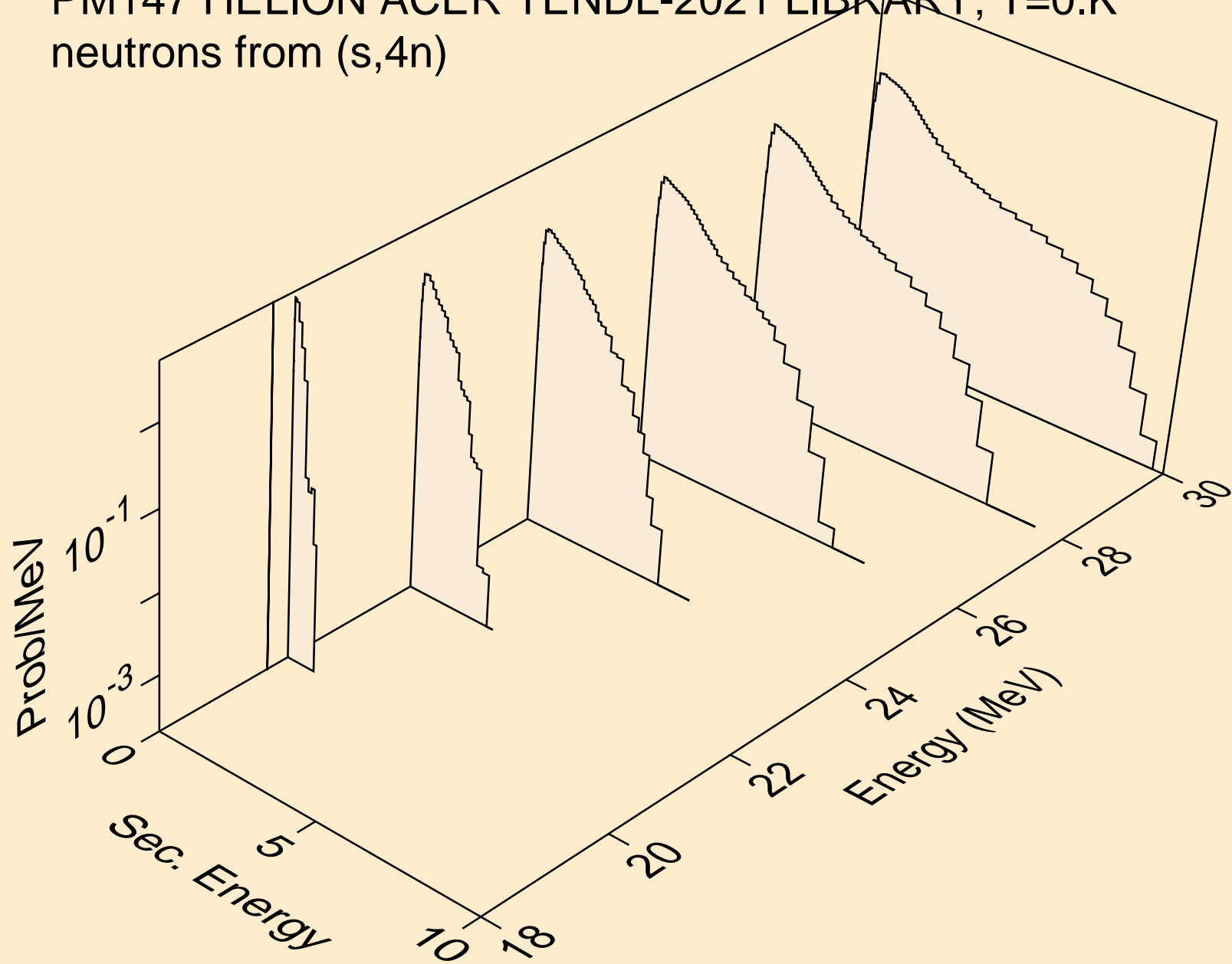
PM147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)t



PM147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)he3

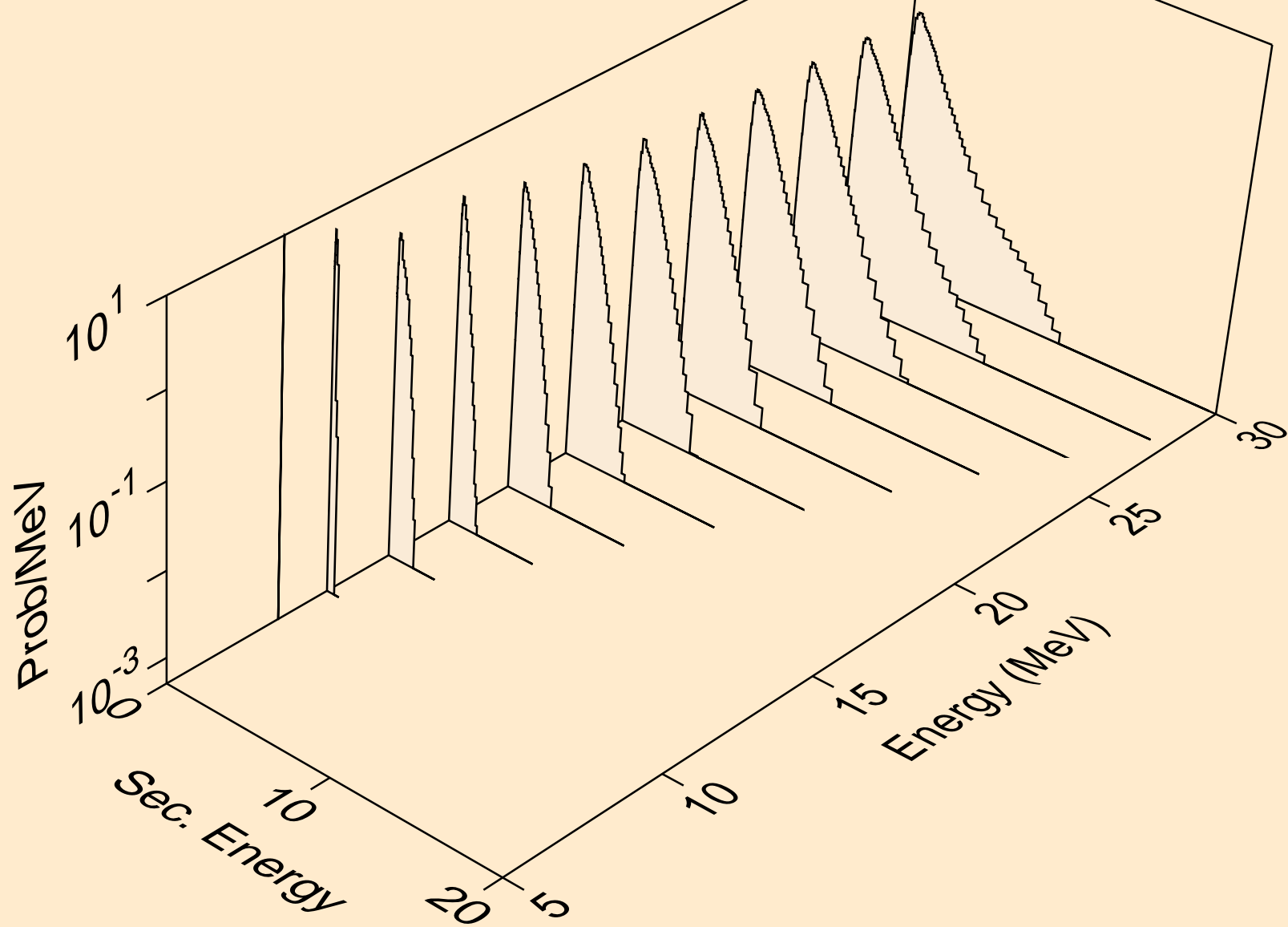


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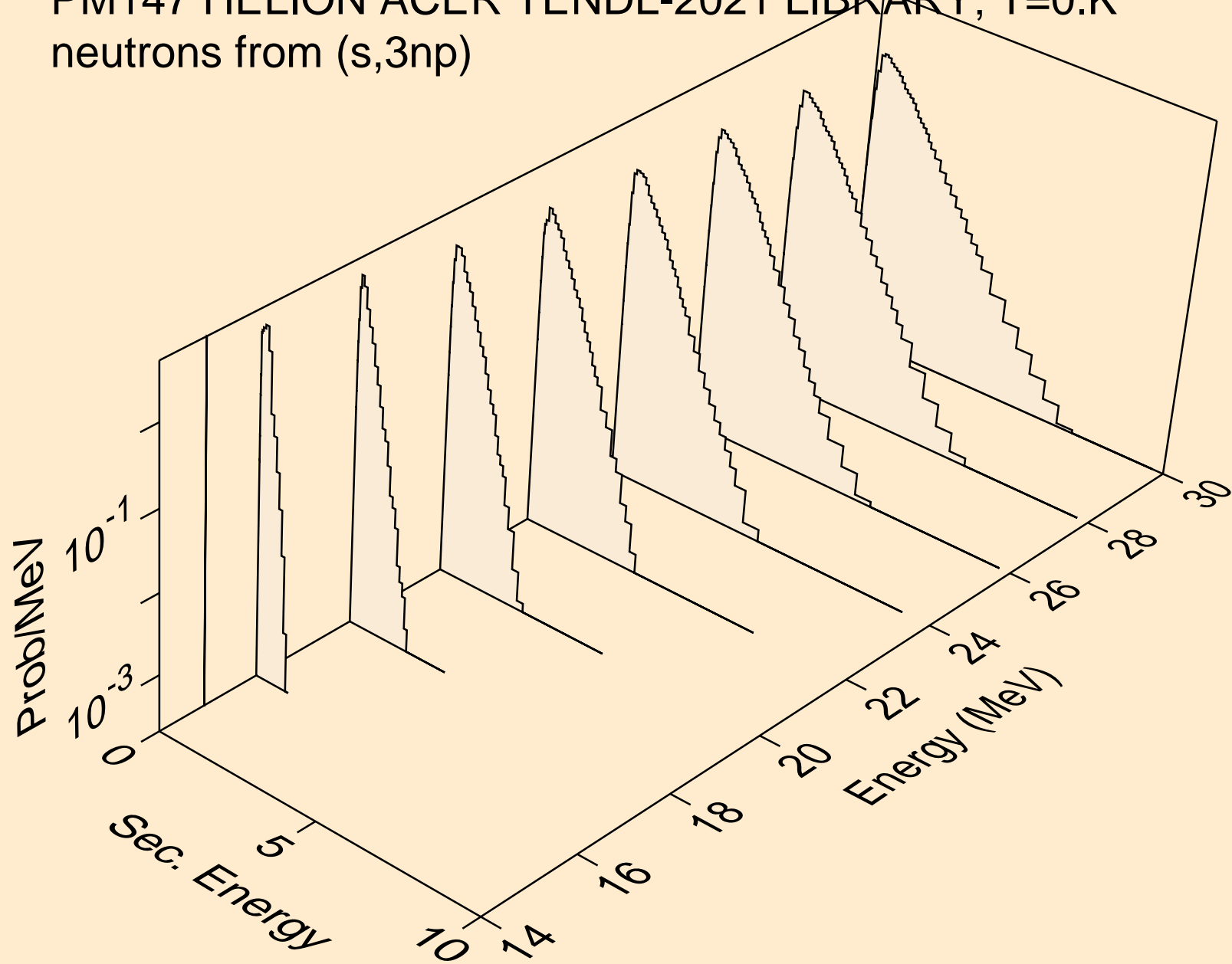




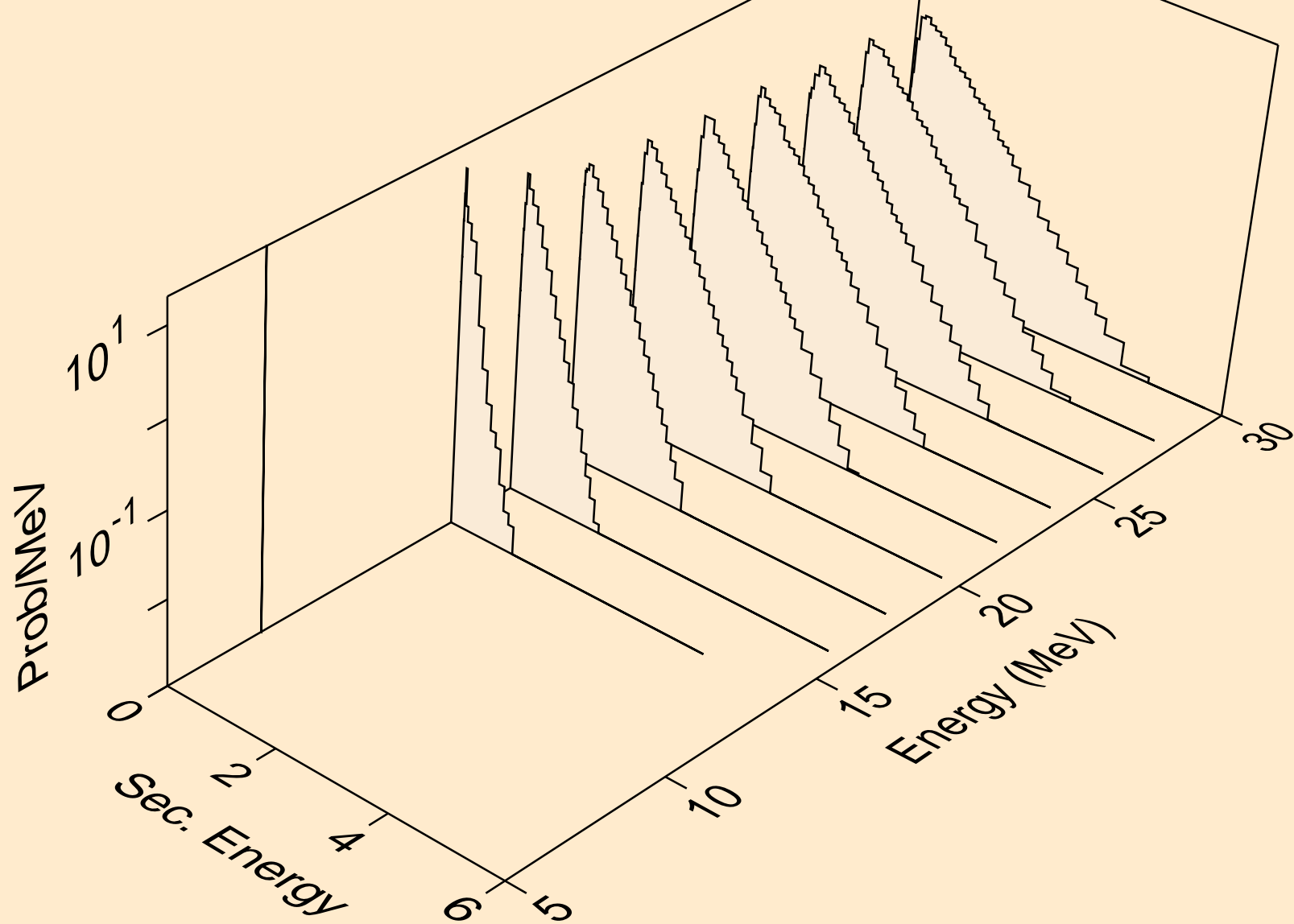
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neutrons from (s,2np)



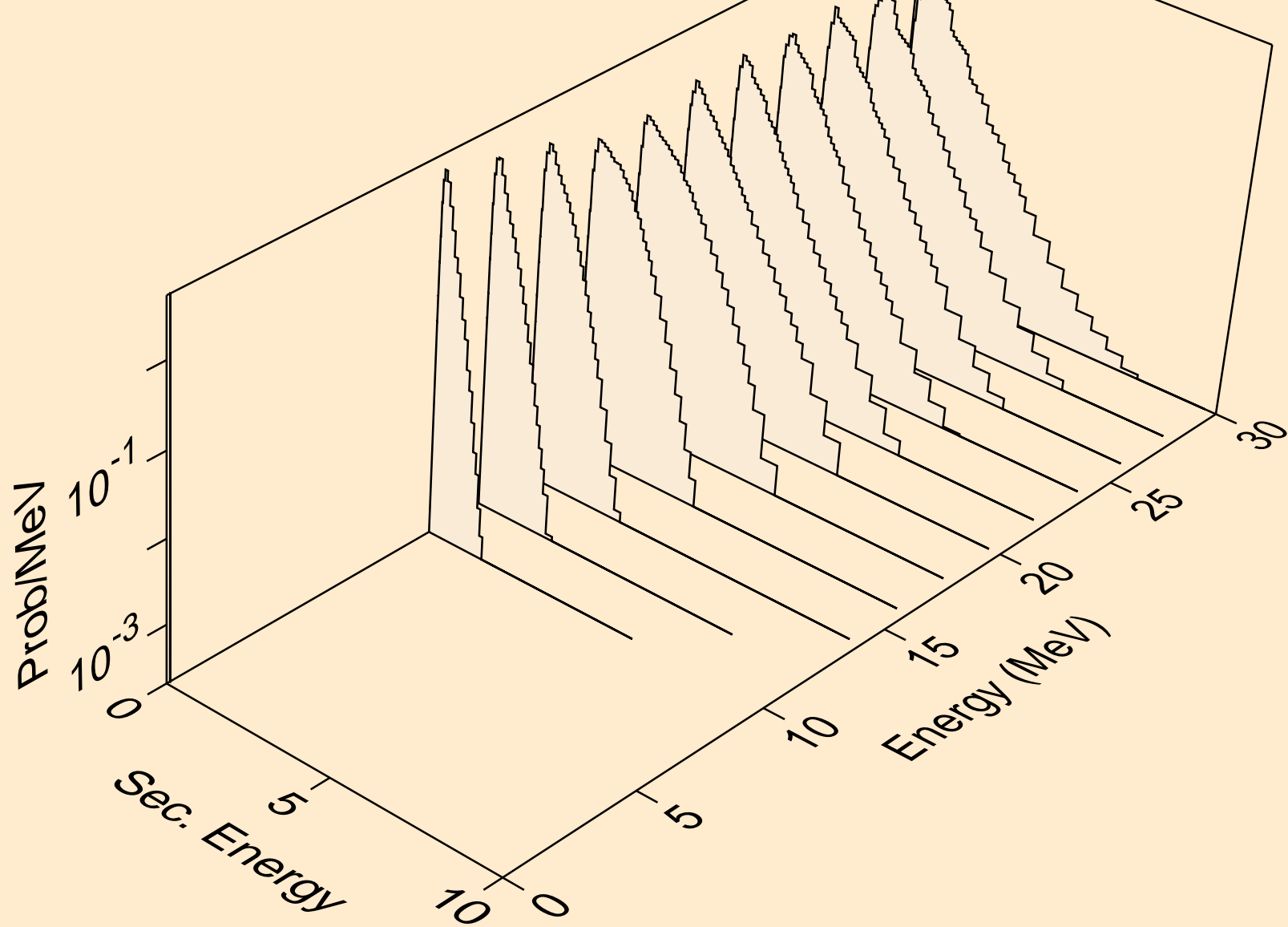
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neutrons from (s,3np)



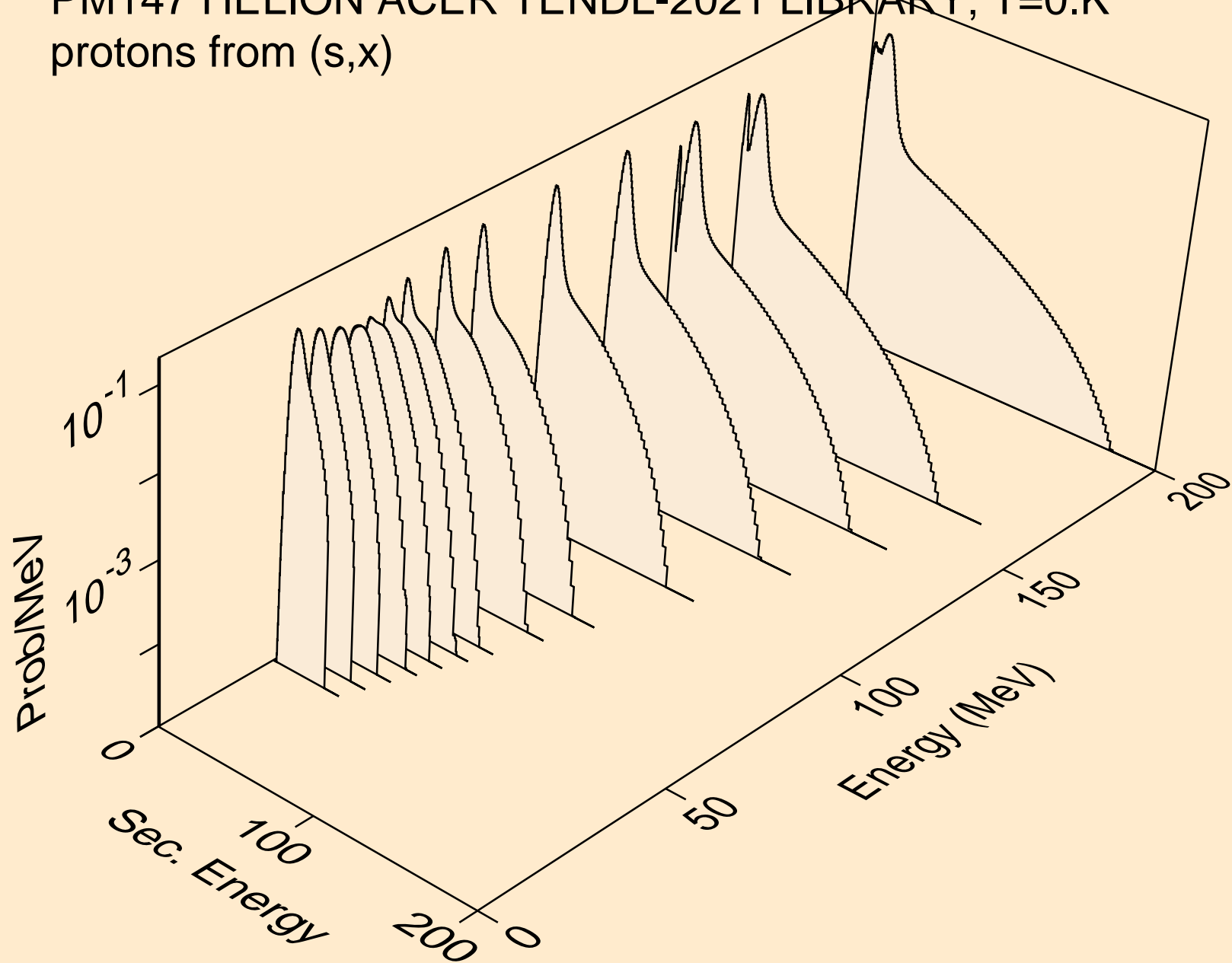
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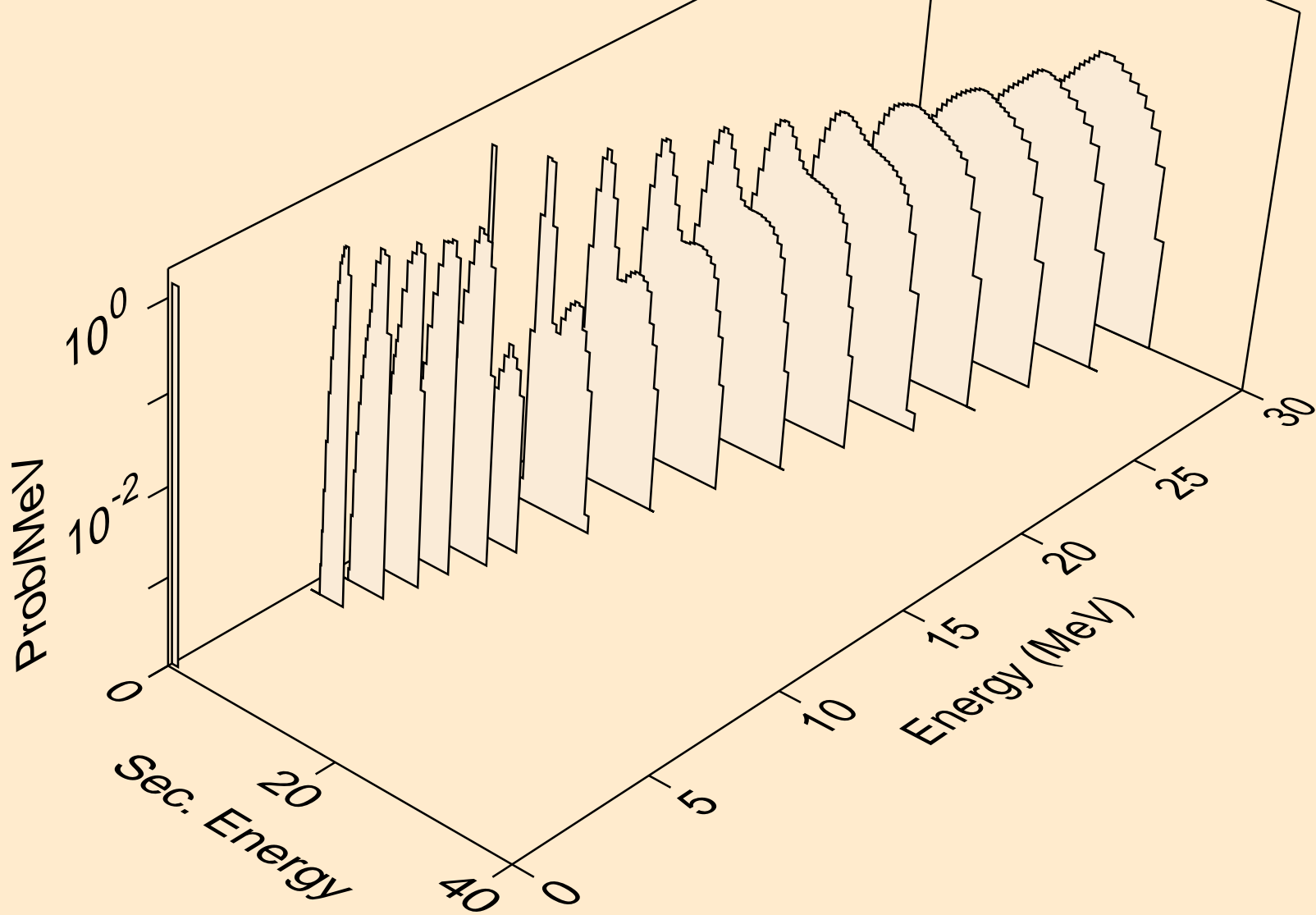
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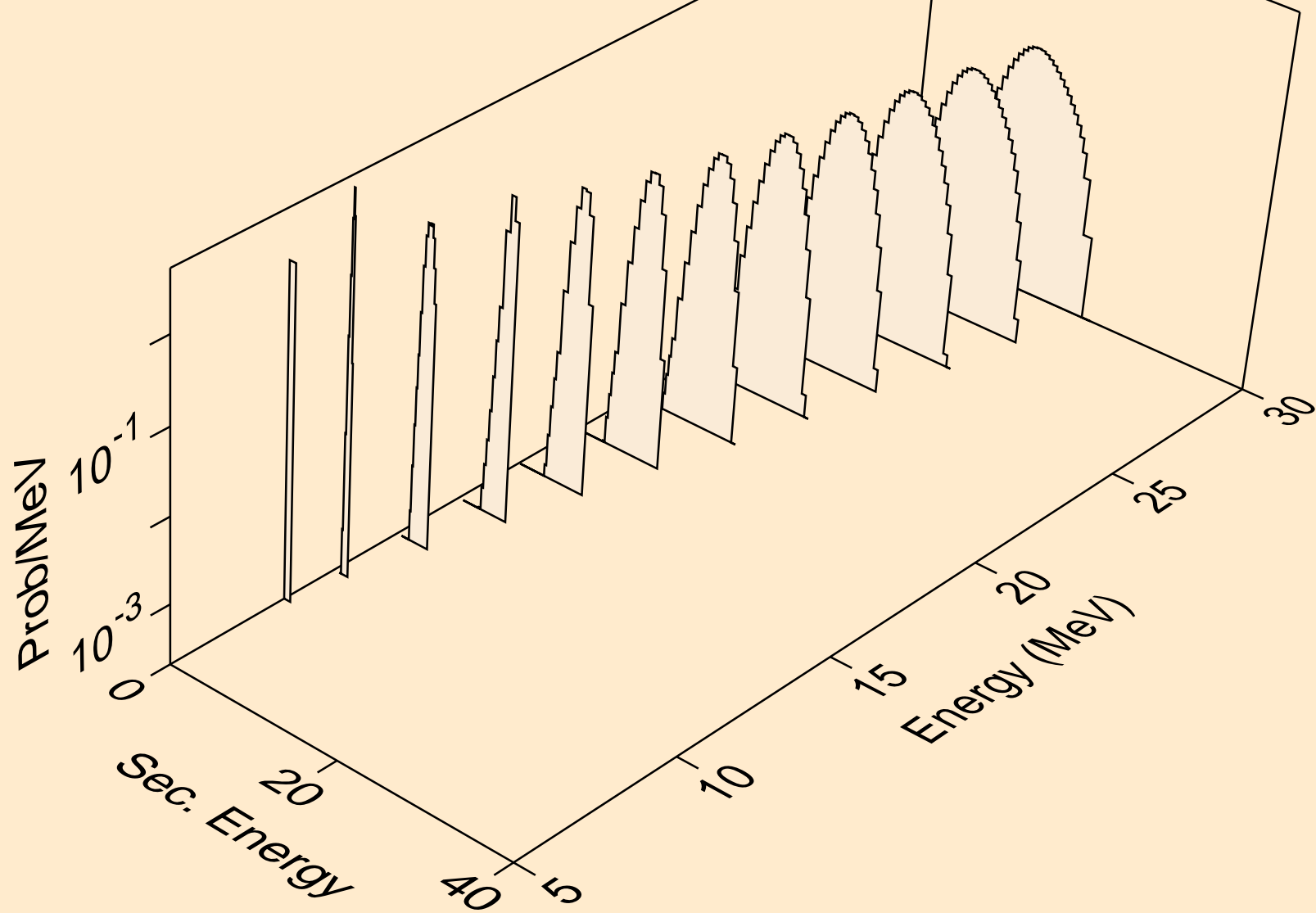
PM147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,x)



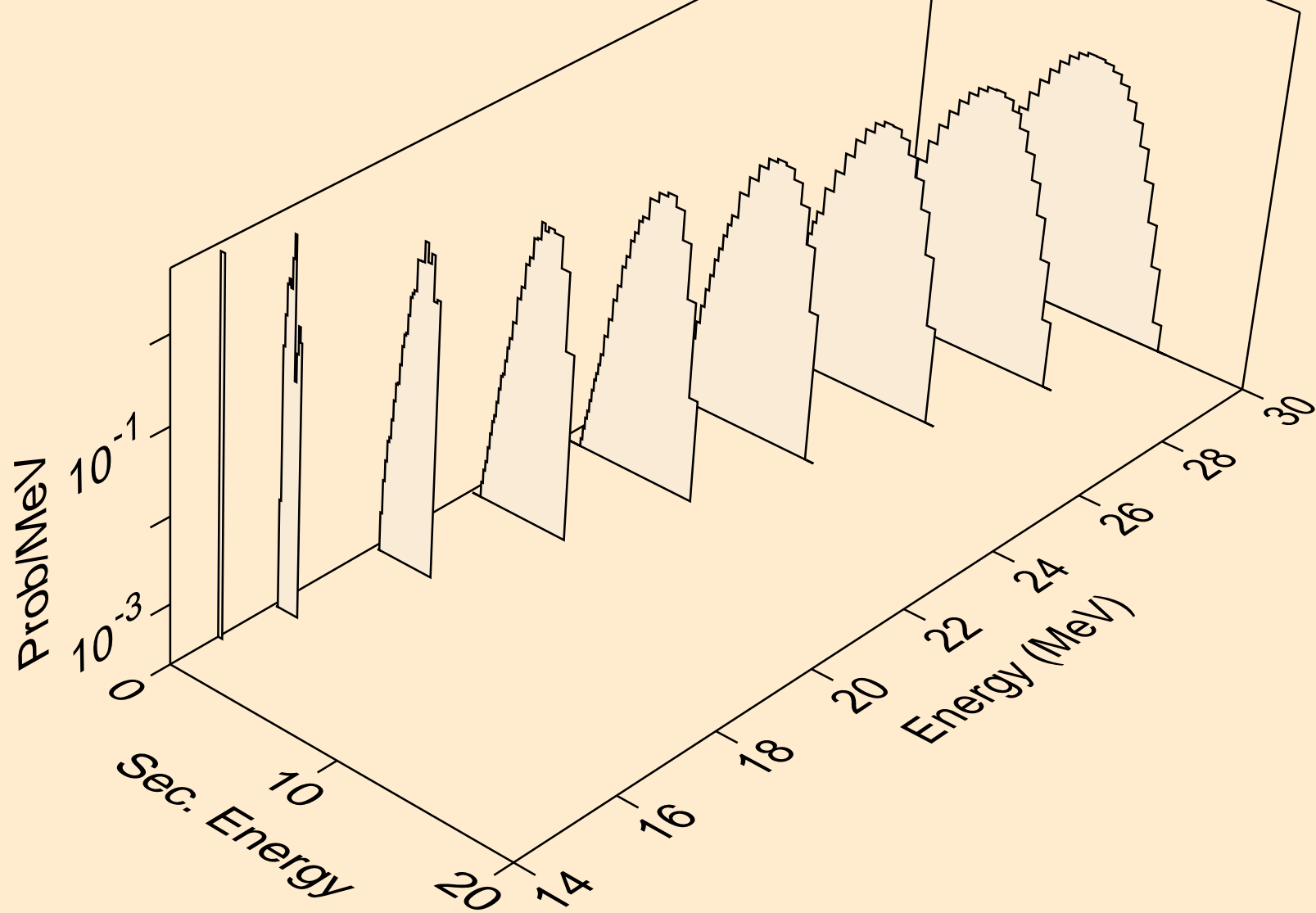
PM147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,n\*)p



PM147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2np)

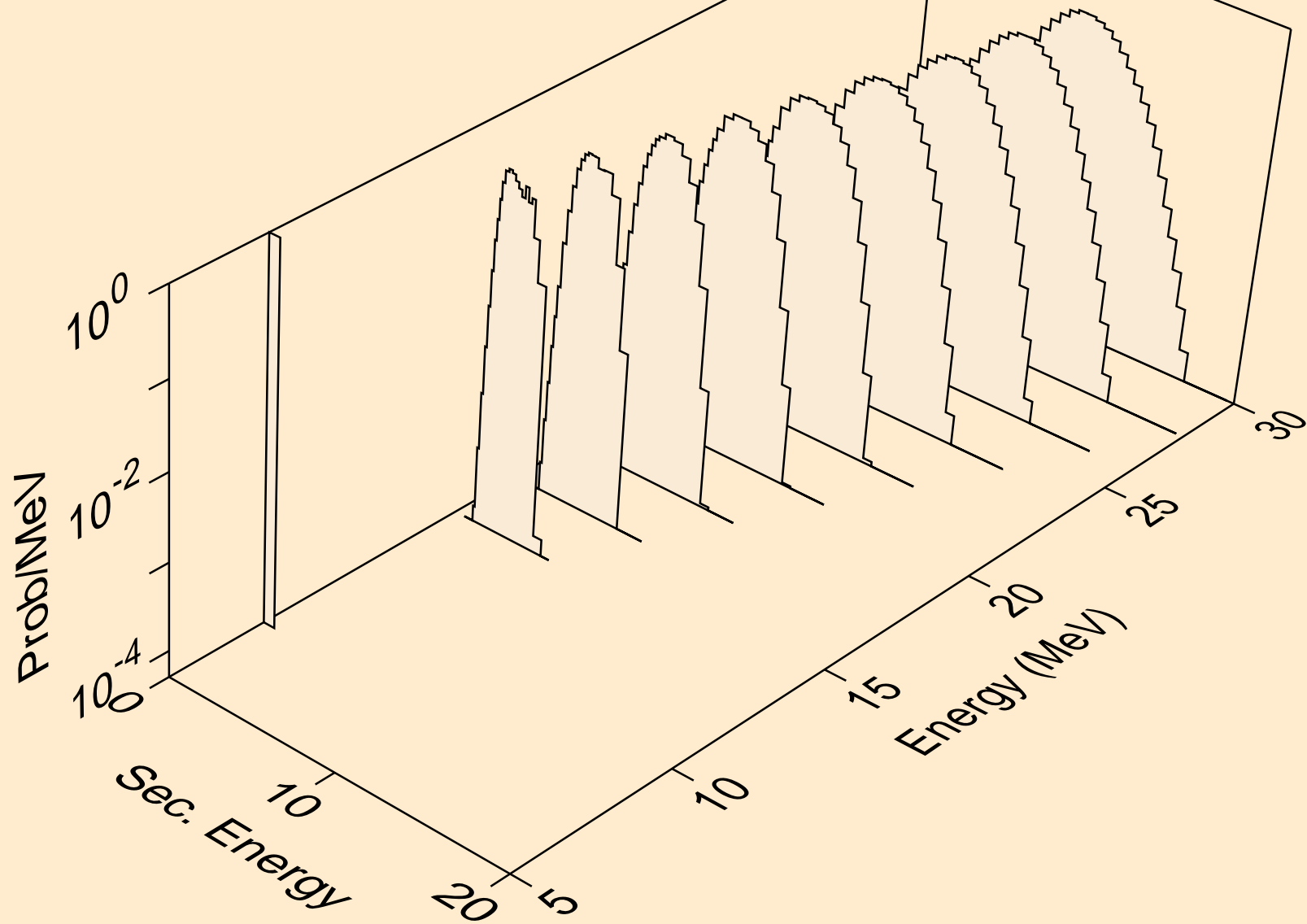


PM147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,3np)

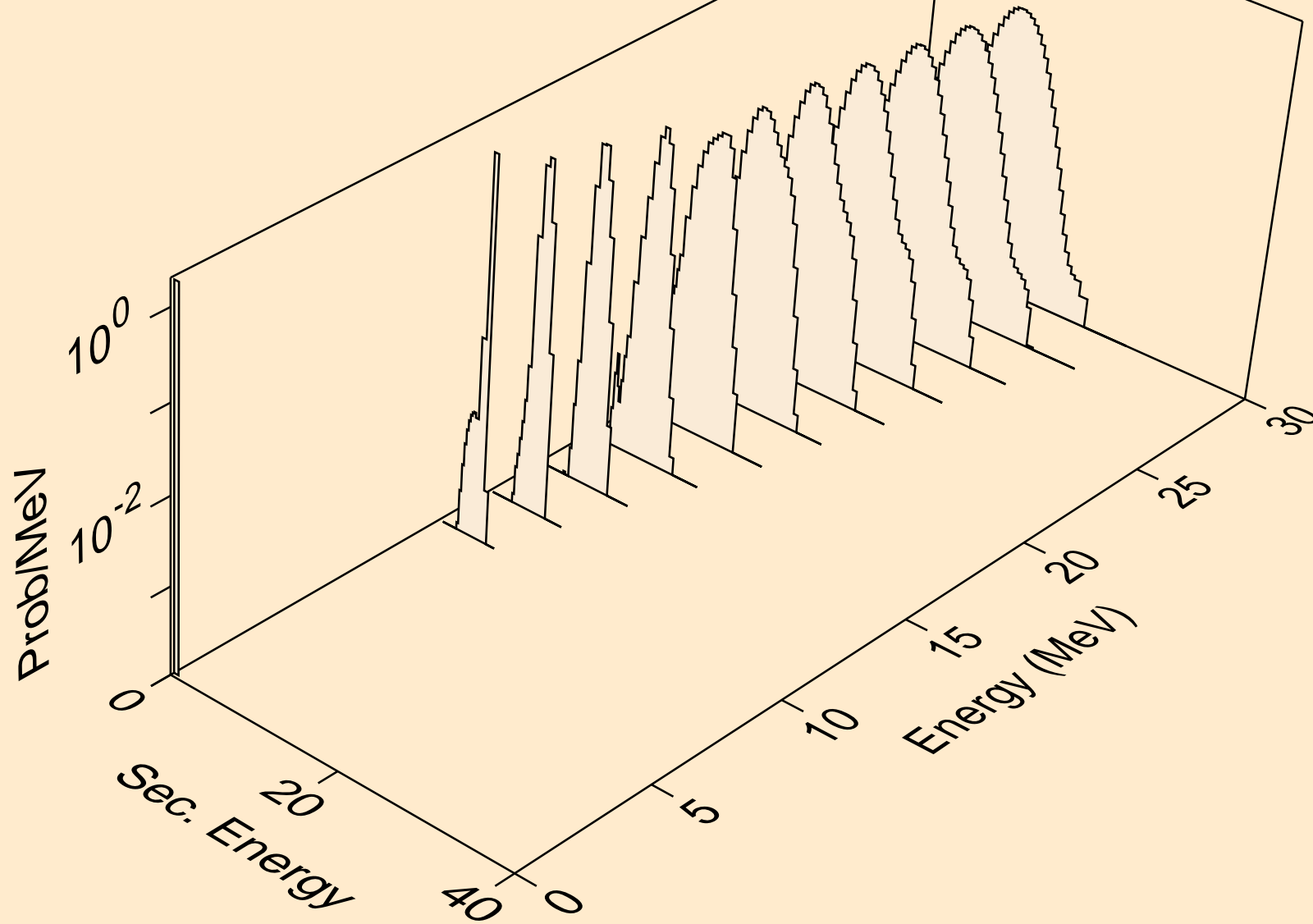




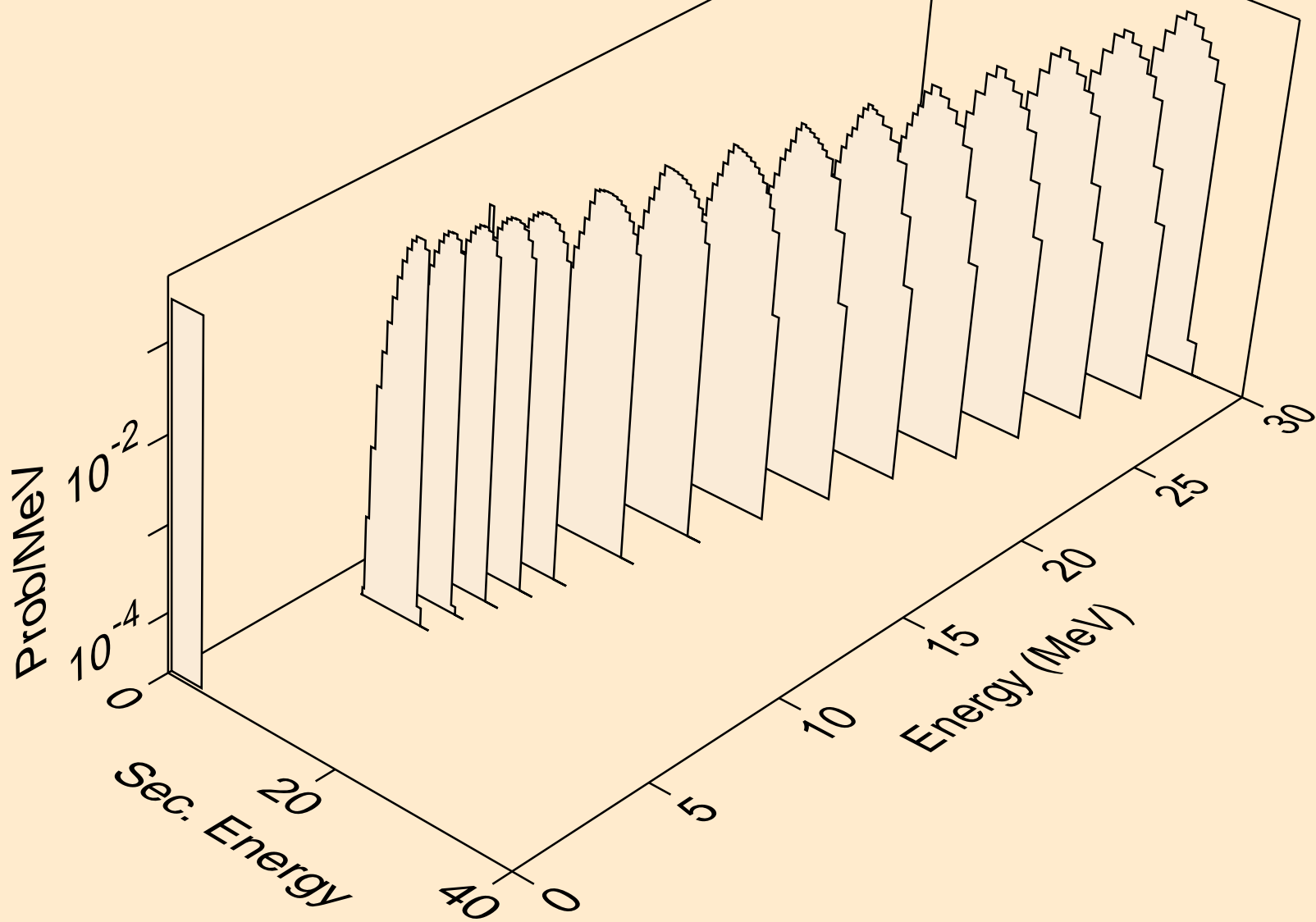
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protons from (s,2np)



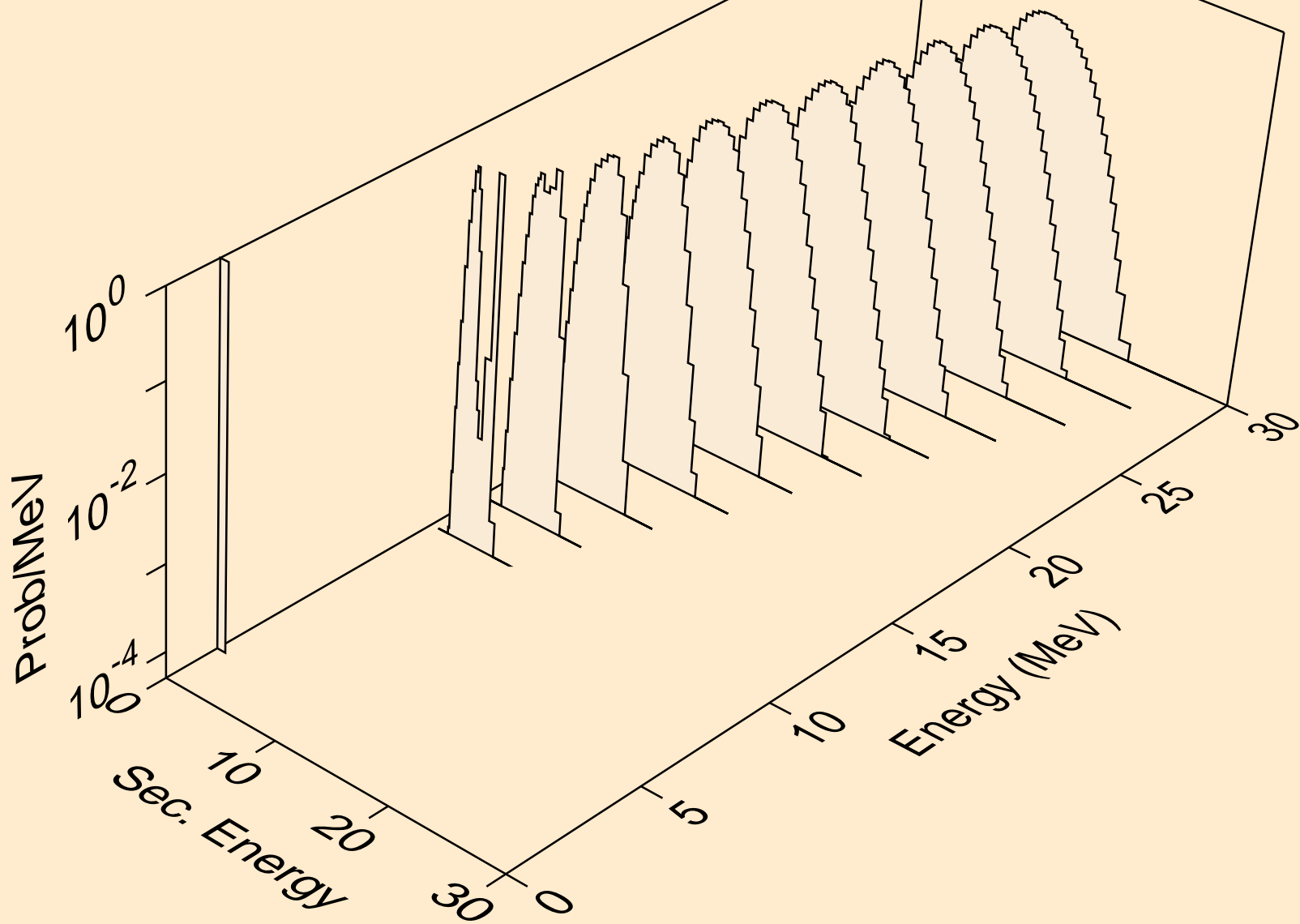
PM147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,npa)



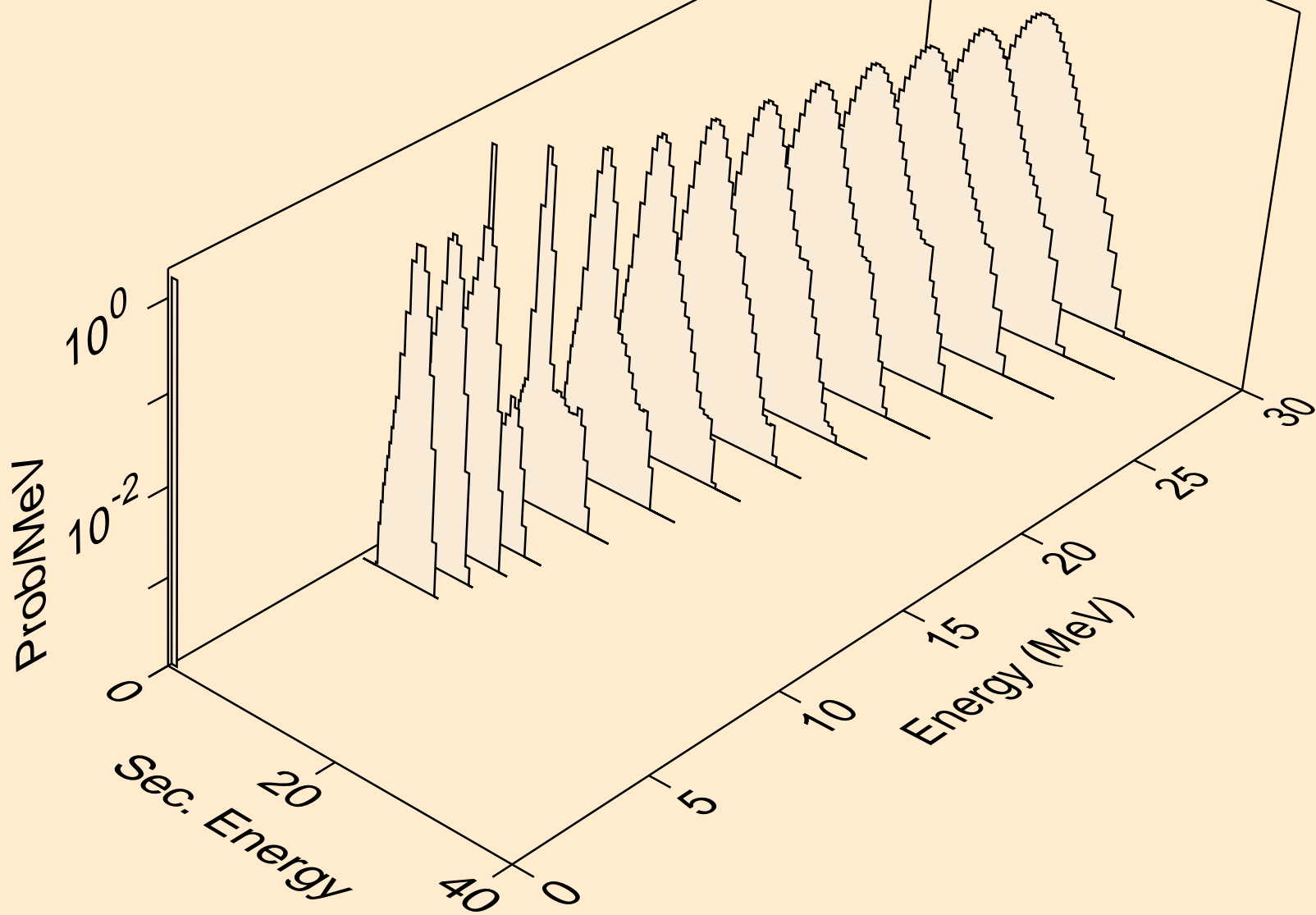
PM147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,p)



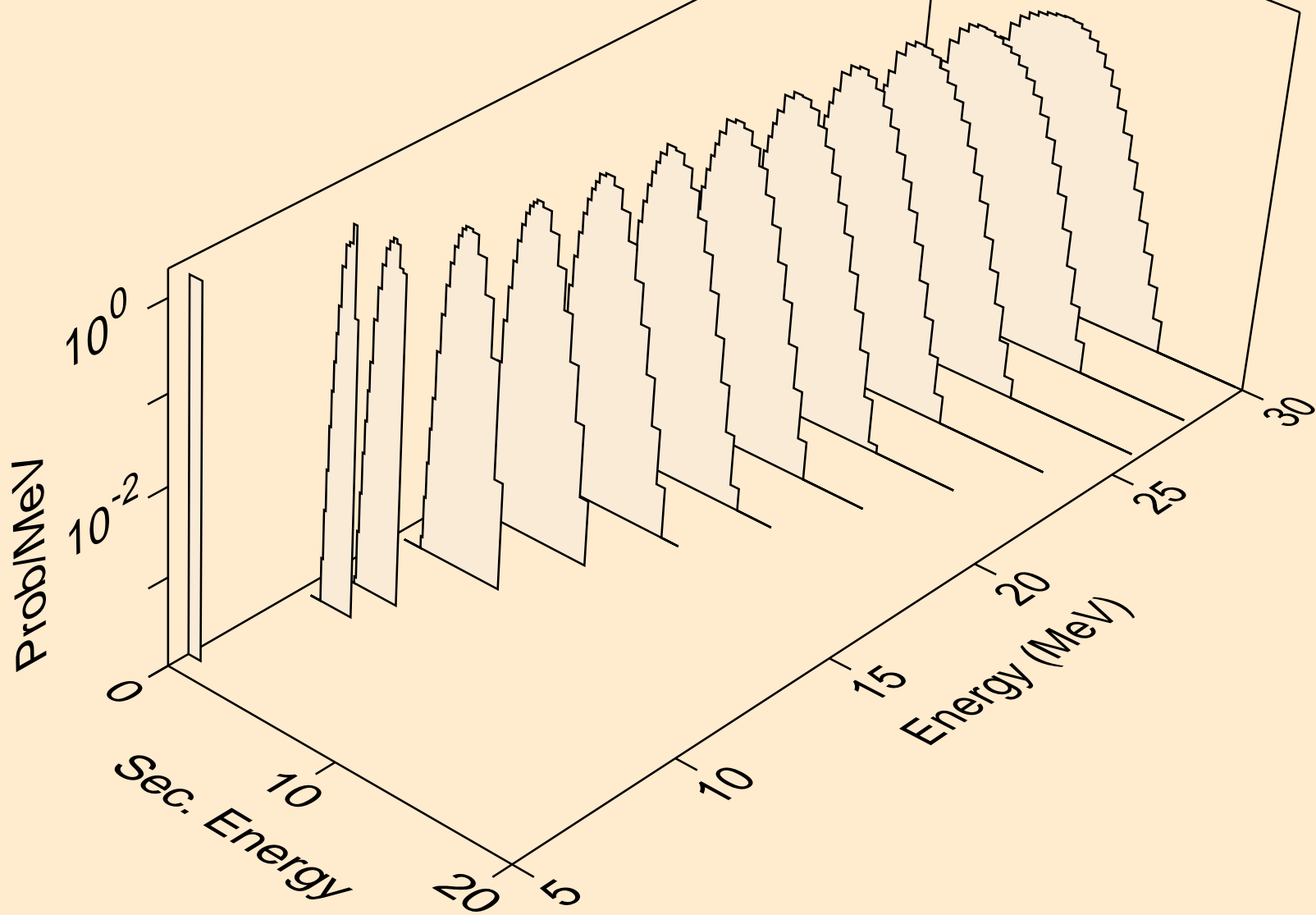
PM147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2p)



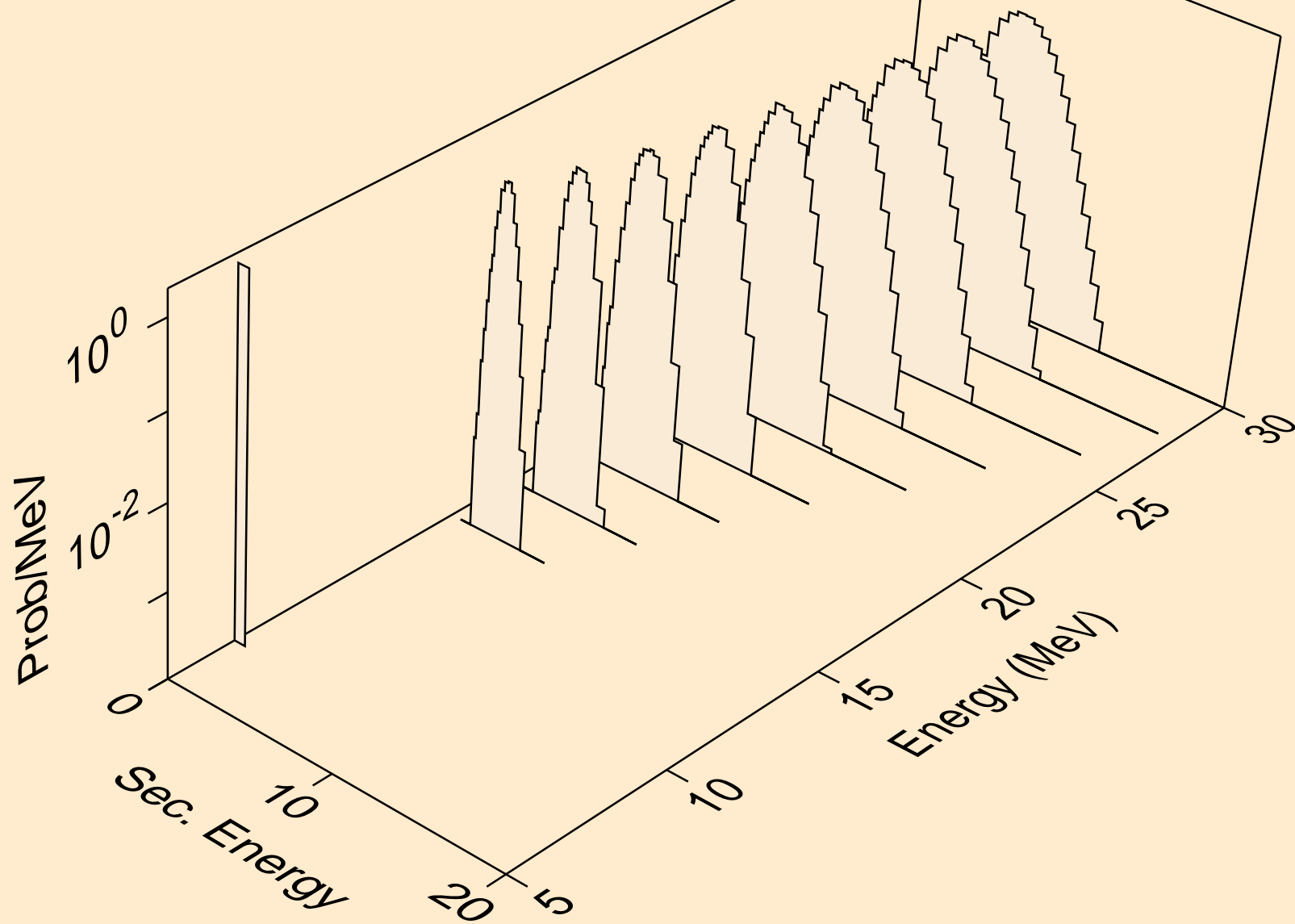
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protons from (s,pa)



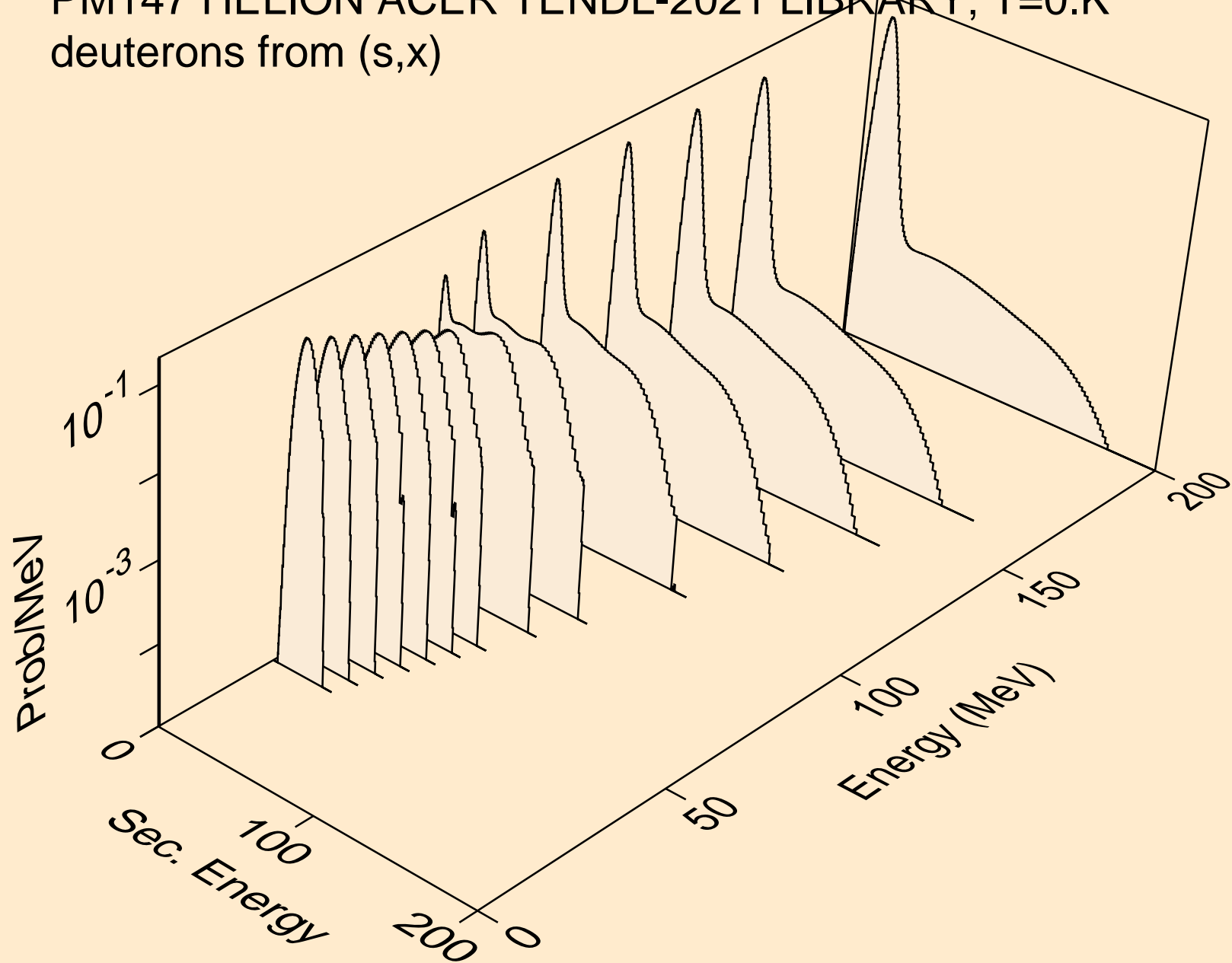
PM147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pd)



PM147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pt)

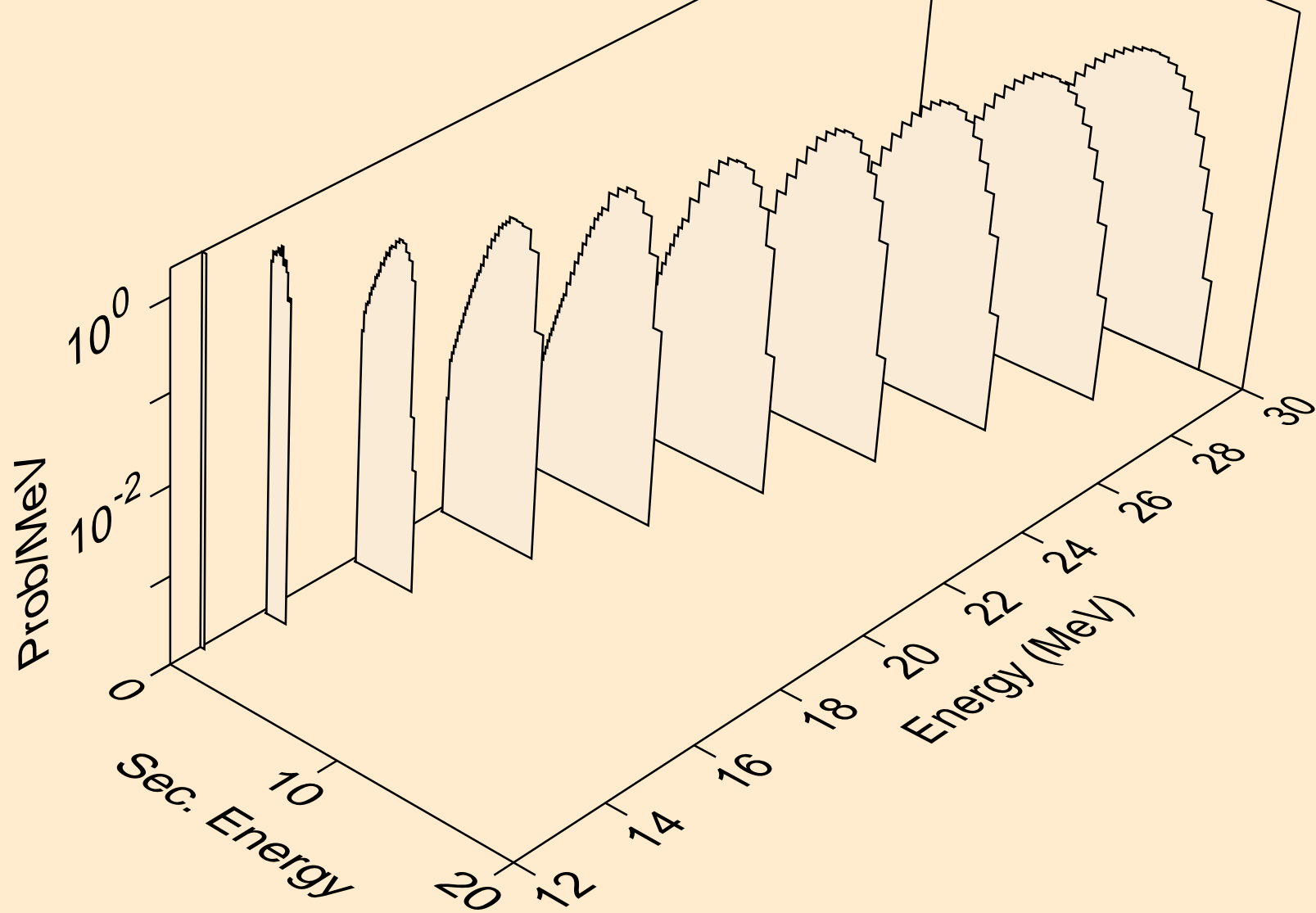


PM147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,x)

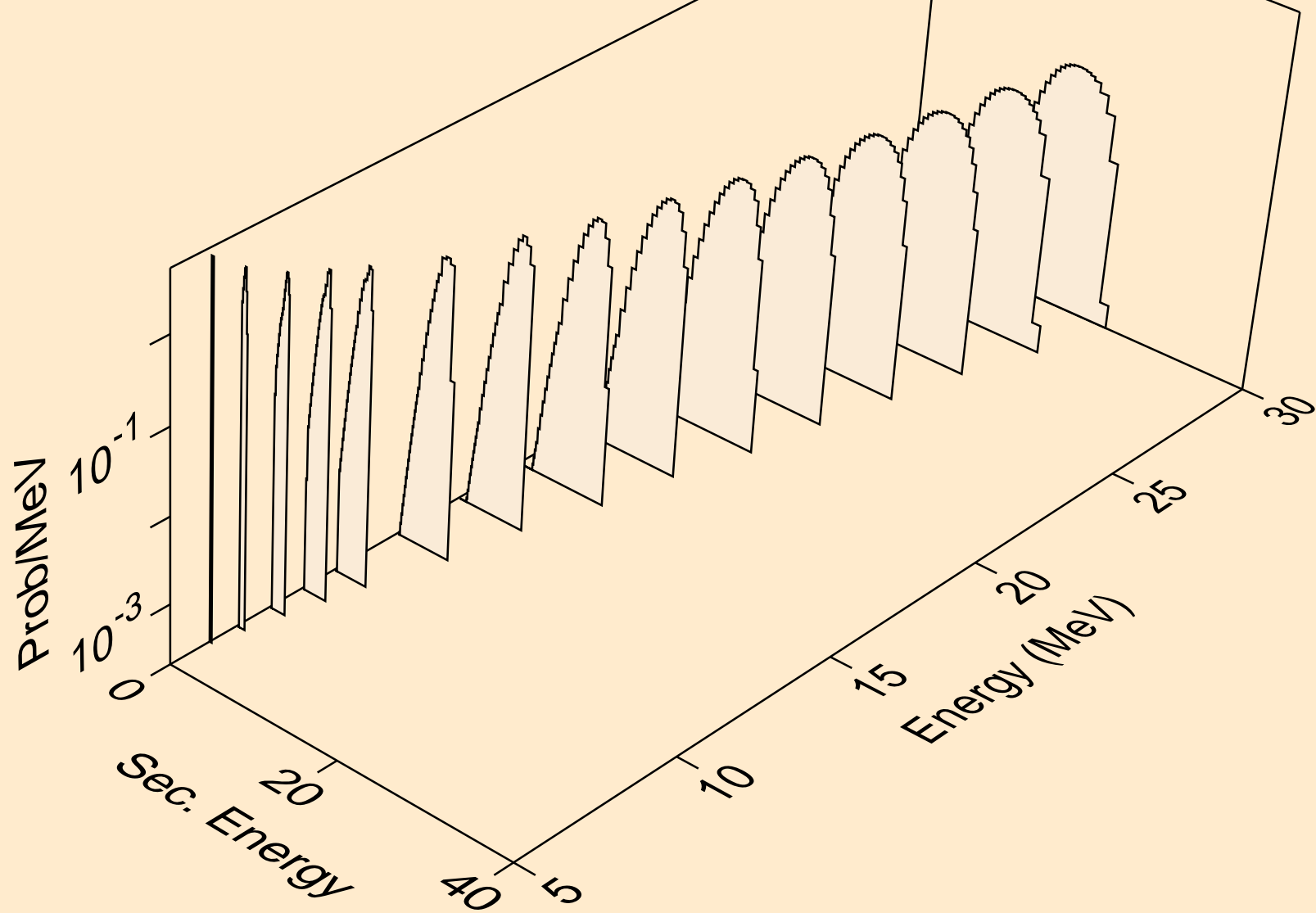




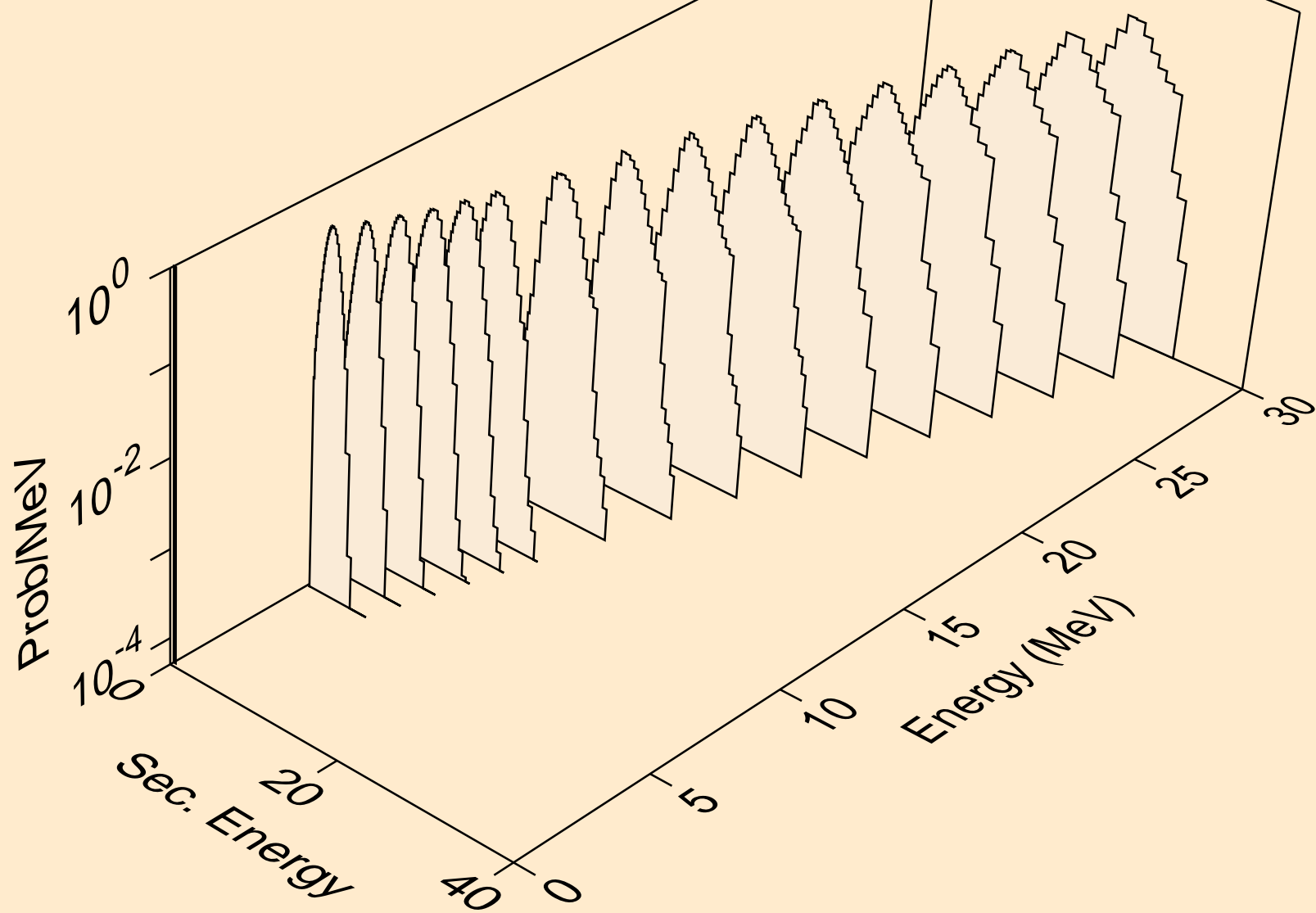
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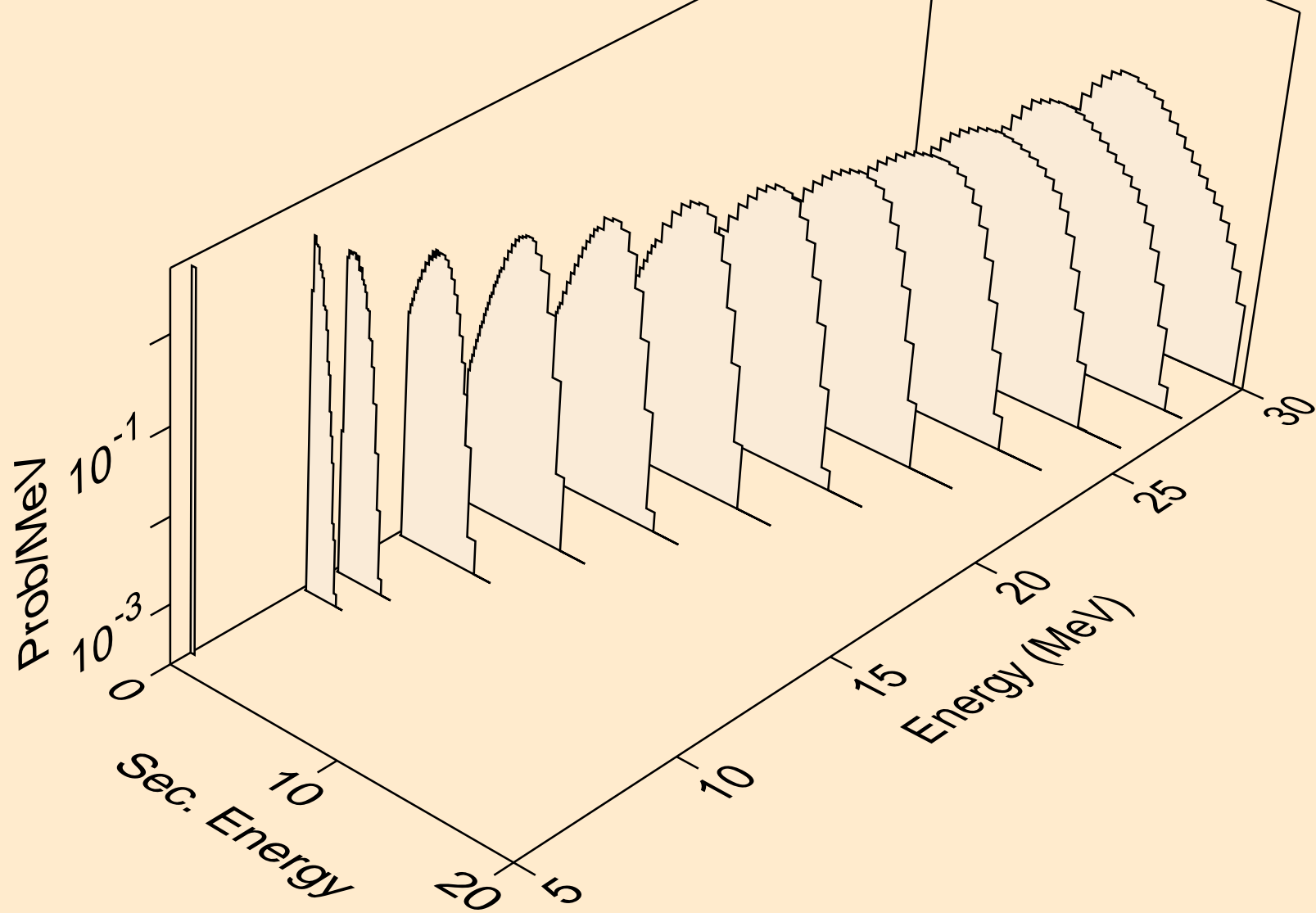
PM147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,n\*)d



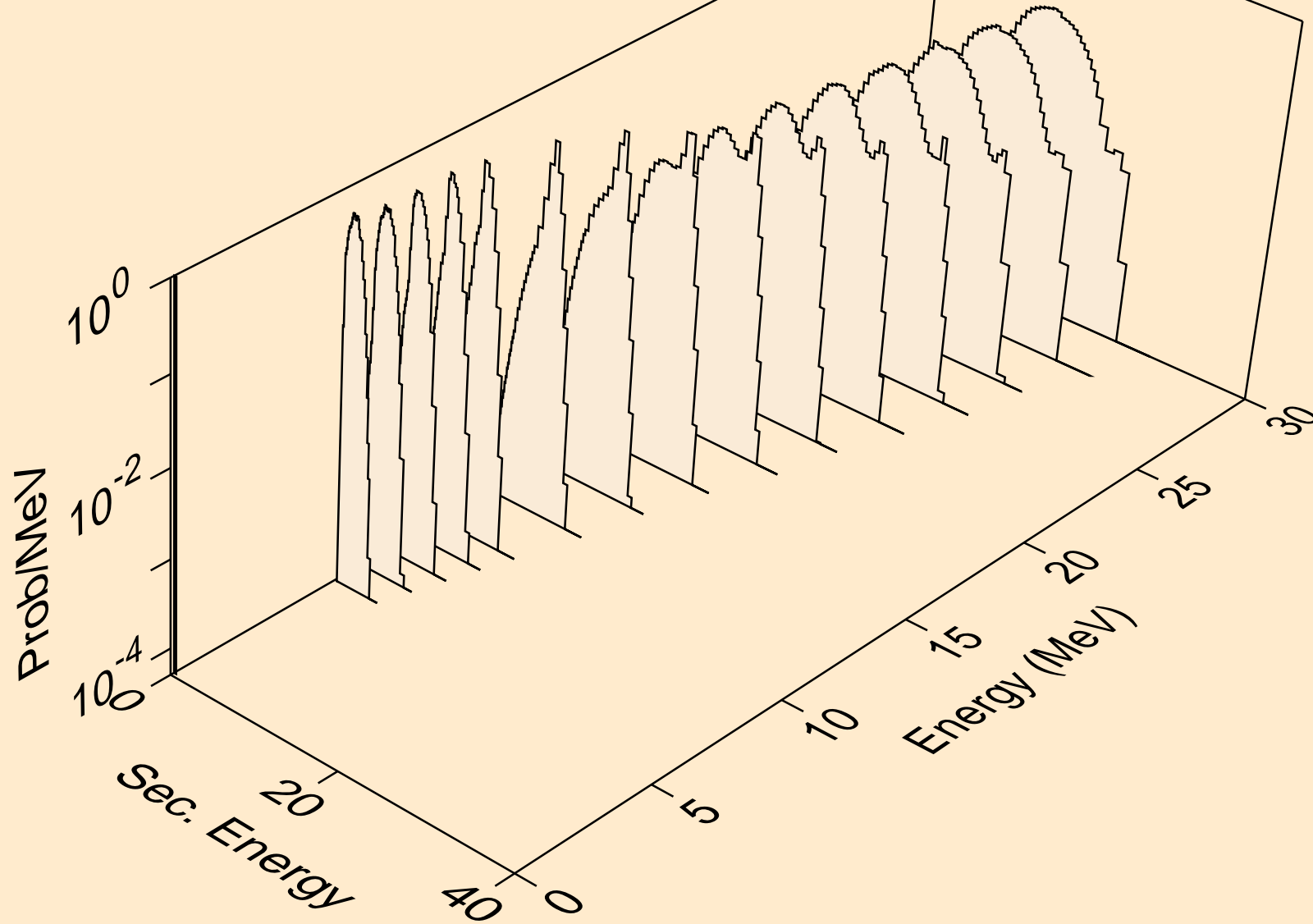
PM147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,d)



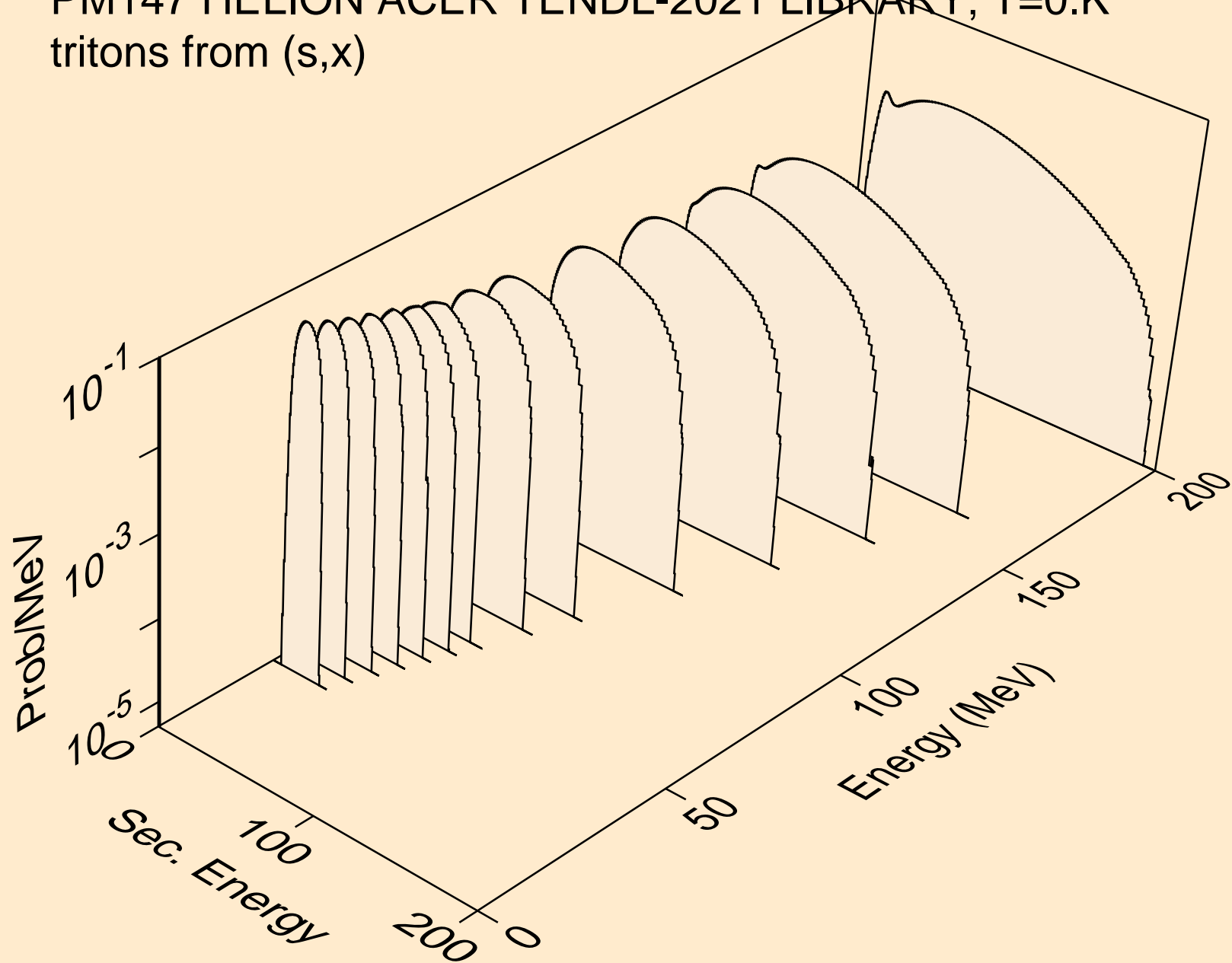
PM147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,pd)



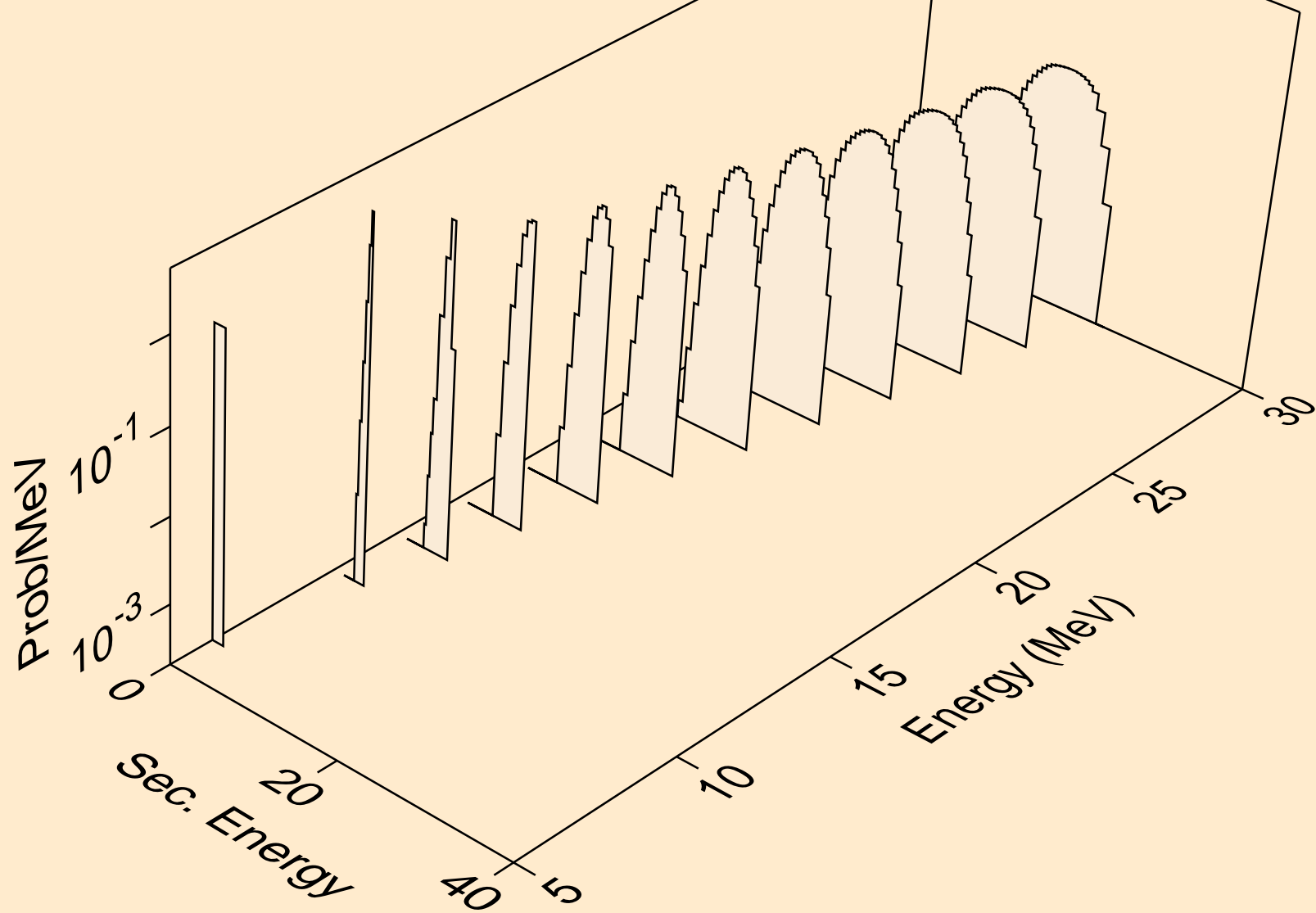
PM147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,da)



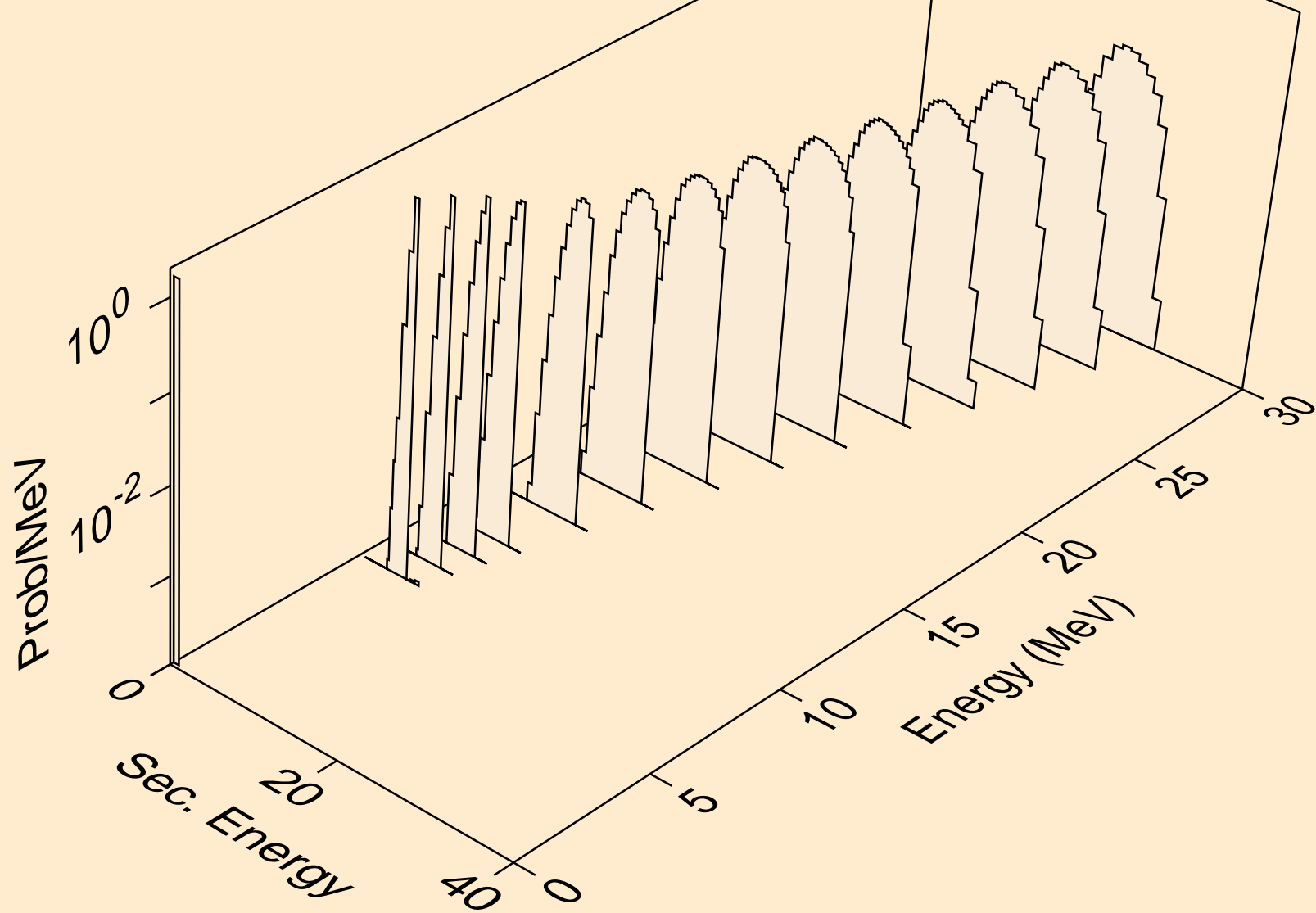
PM147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,x)



PM147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,n\*)t

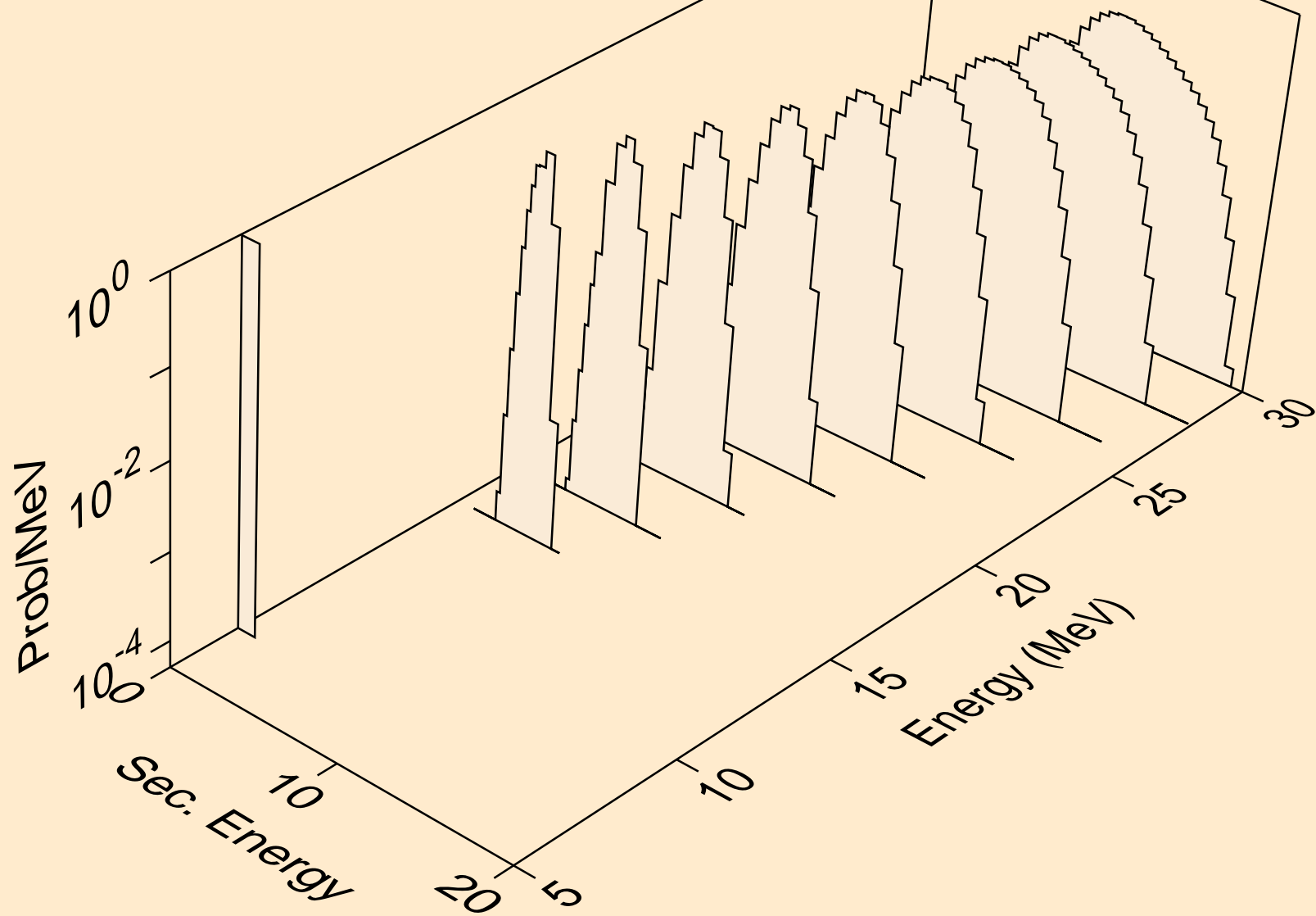


PM147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,t)

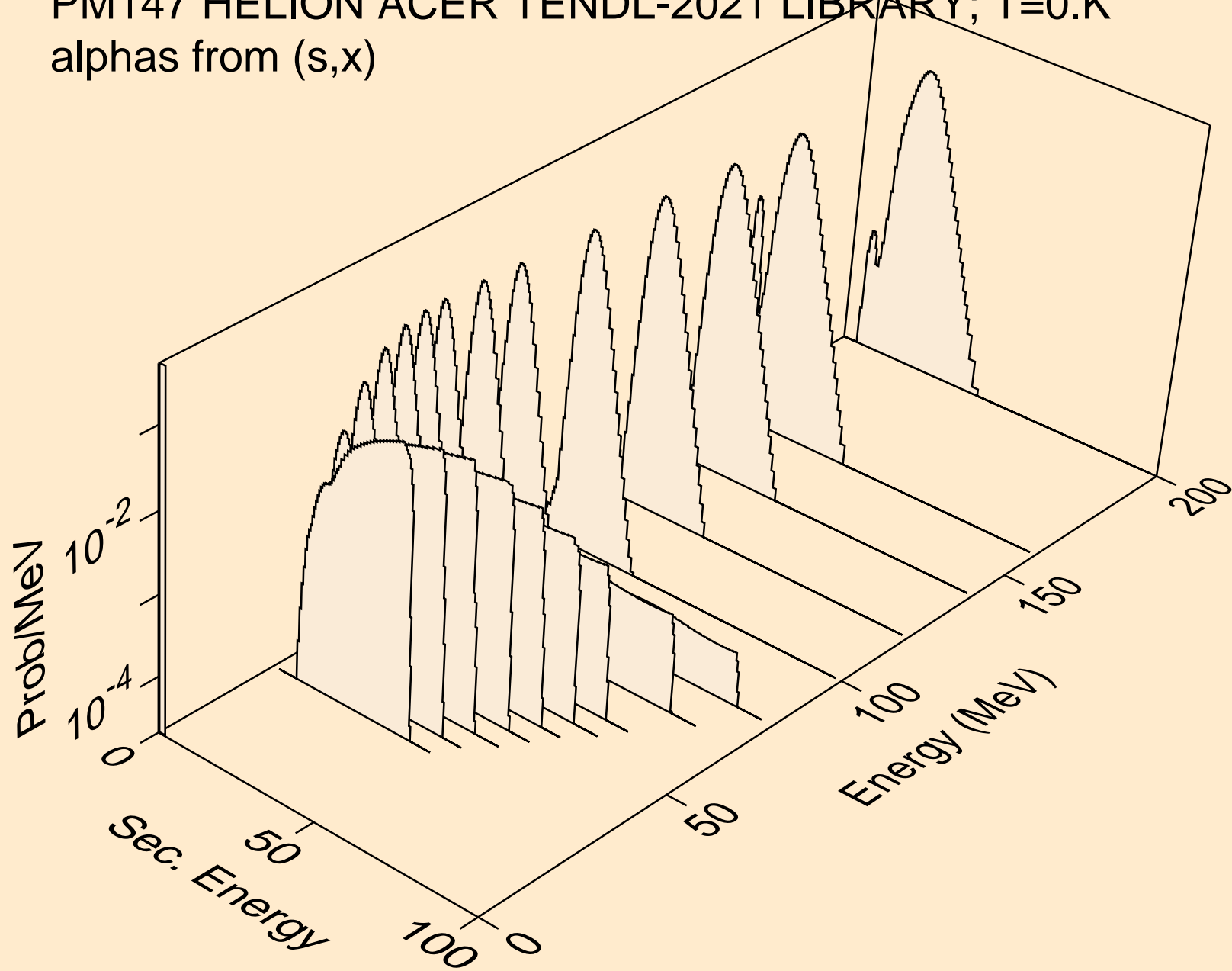




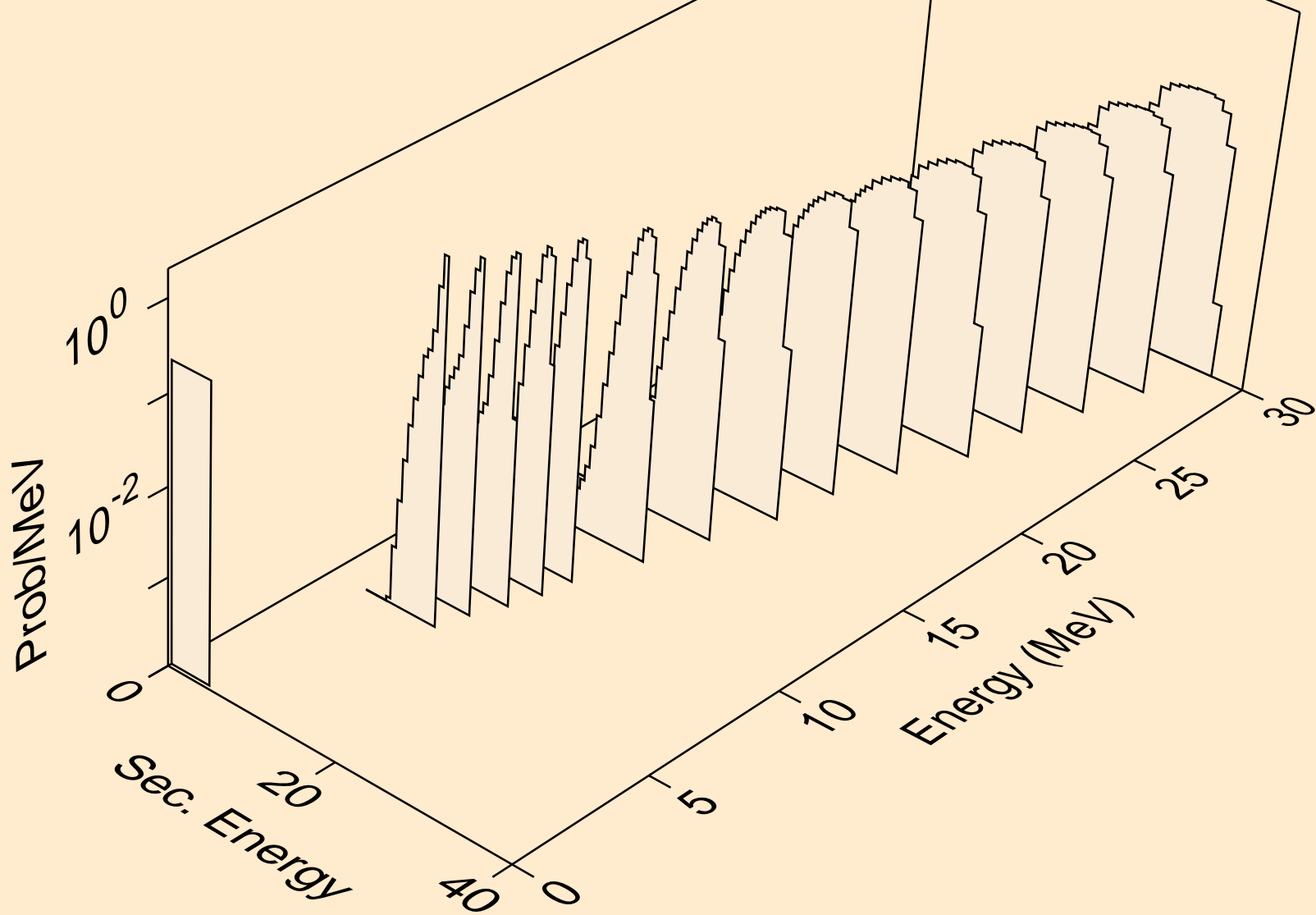
PM147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,pt)



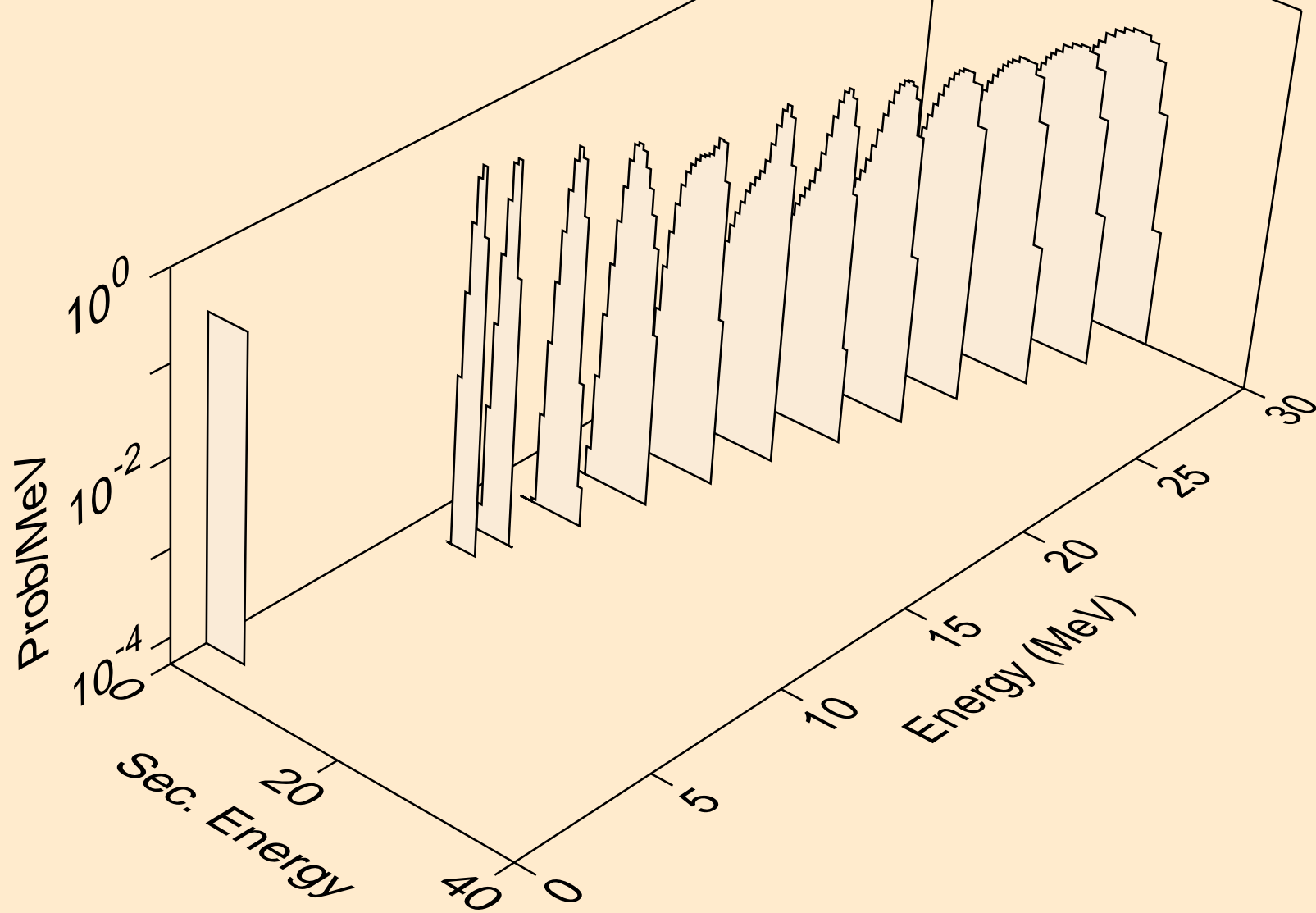
PM147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,x)



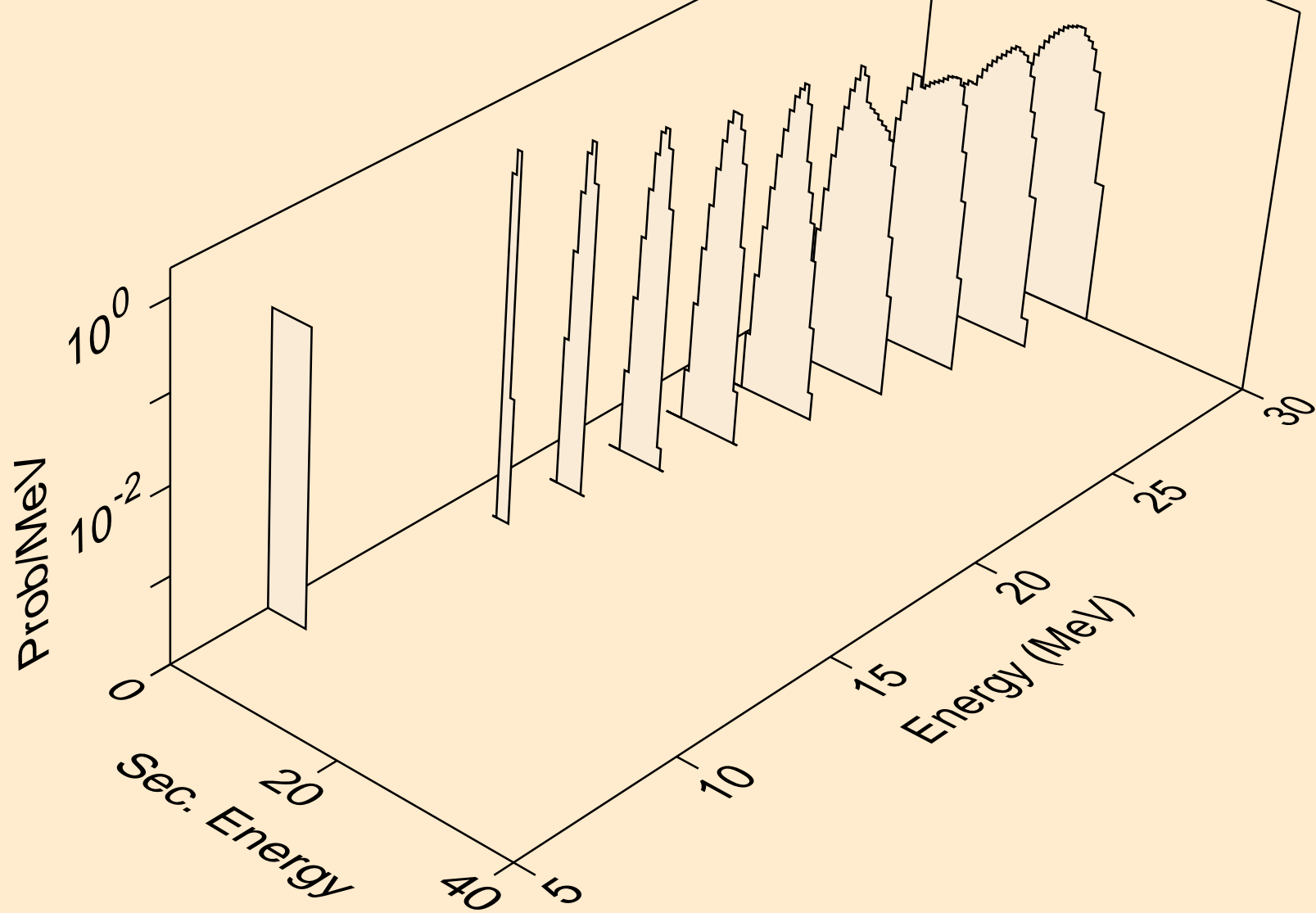
PM147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)a



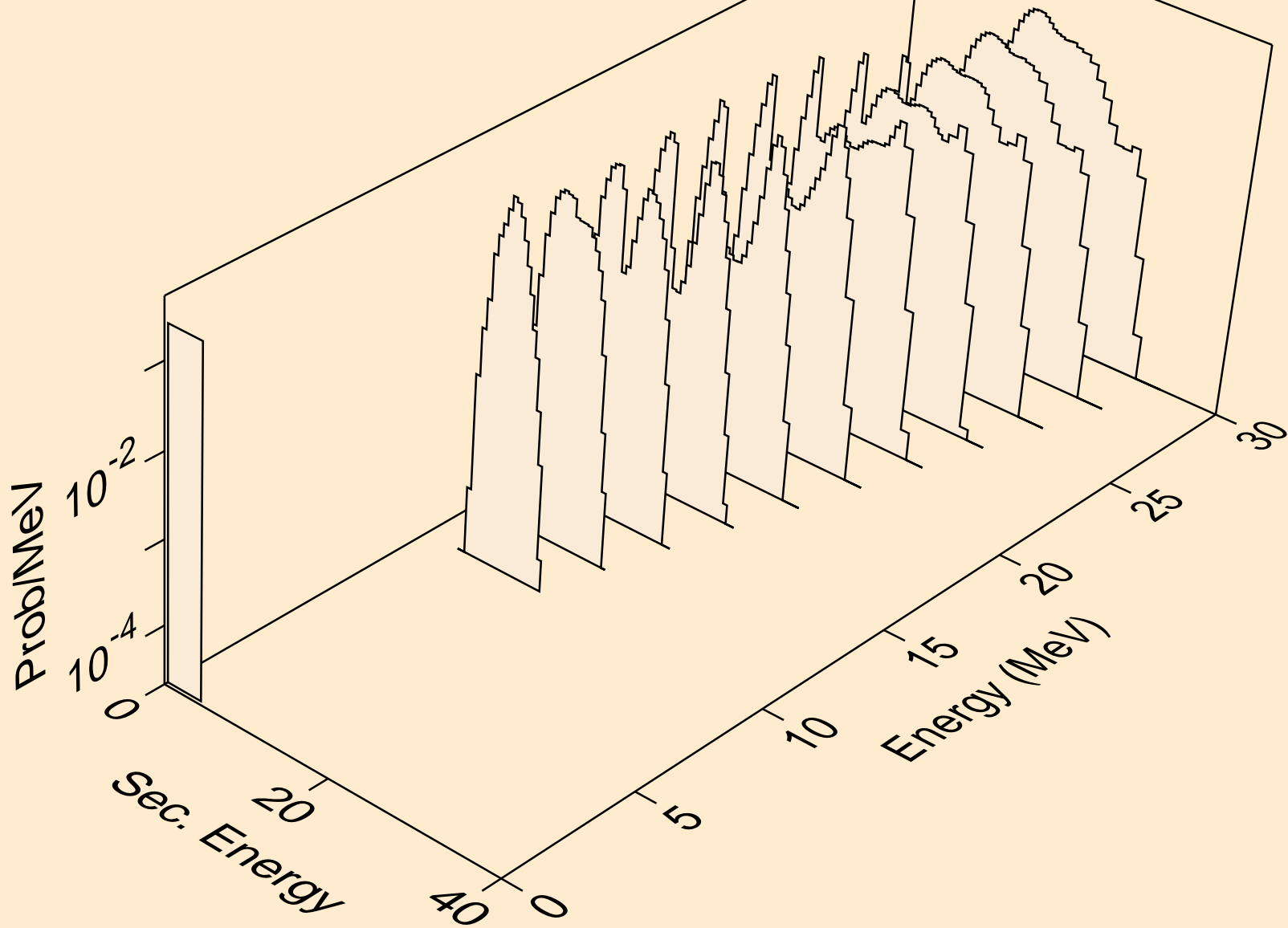
PM147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2n)a



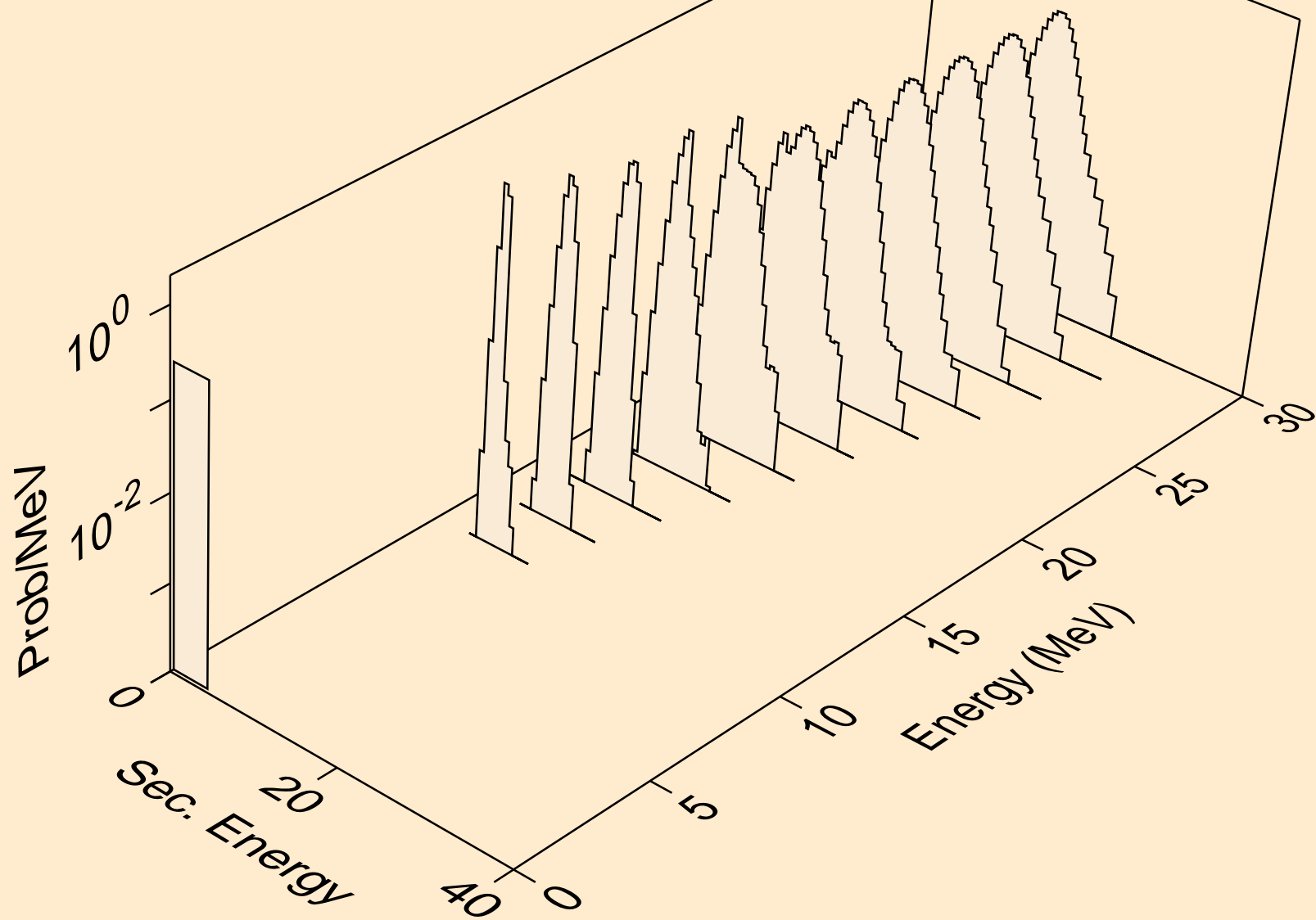
PM147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,3n)a



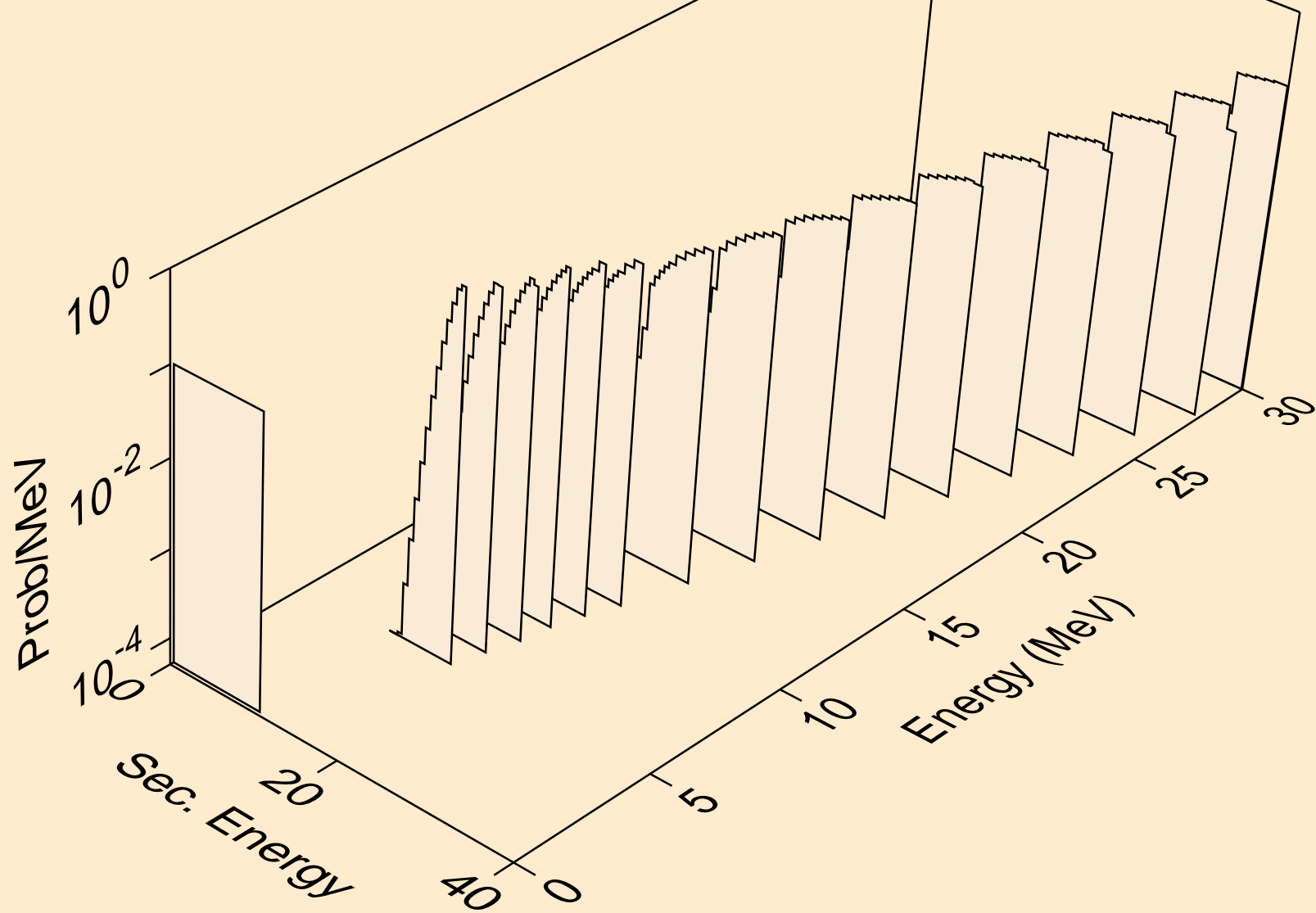
PM147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)2a



PM147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,npa)

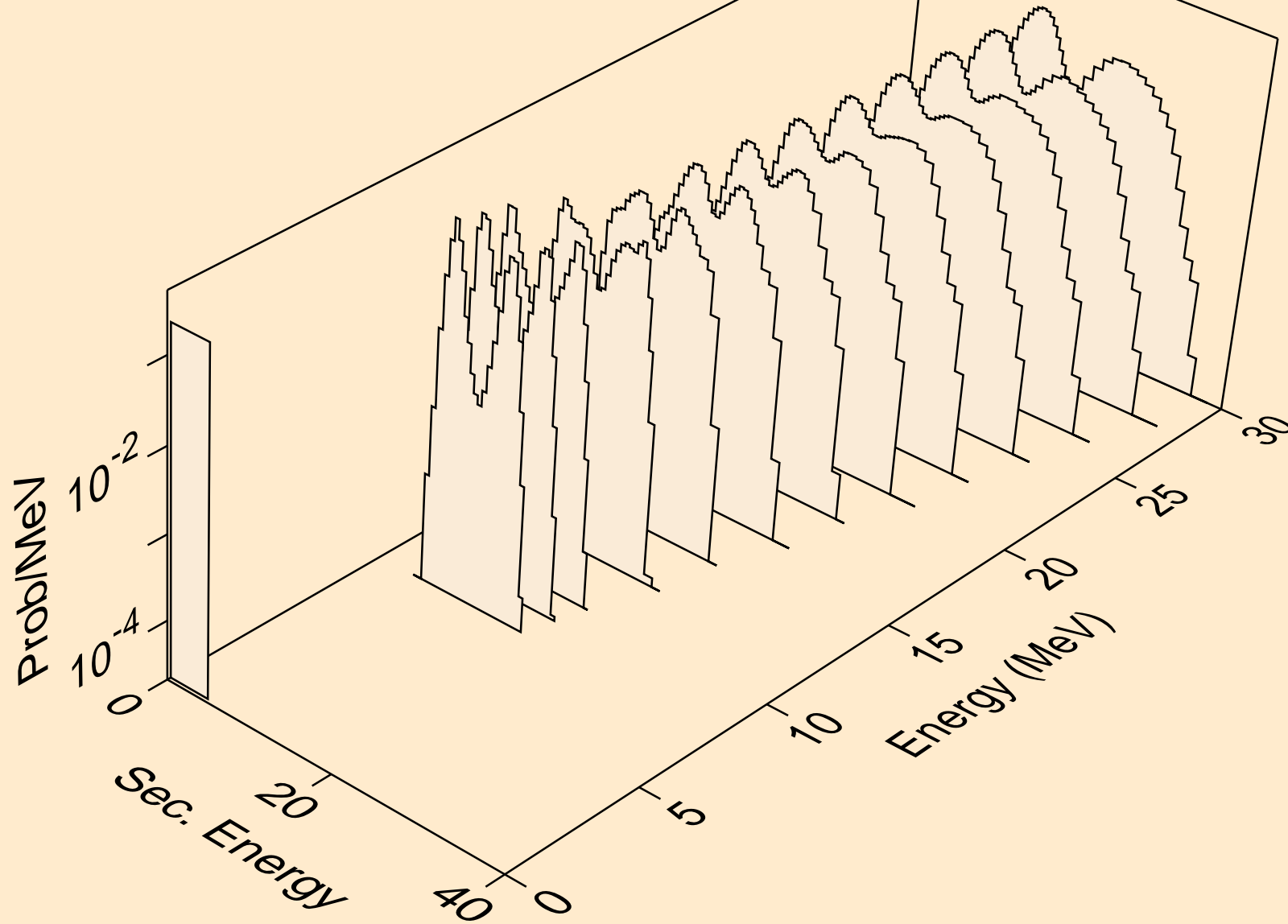


PM147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,a)

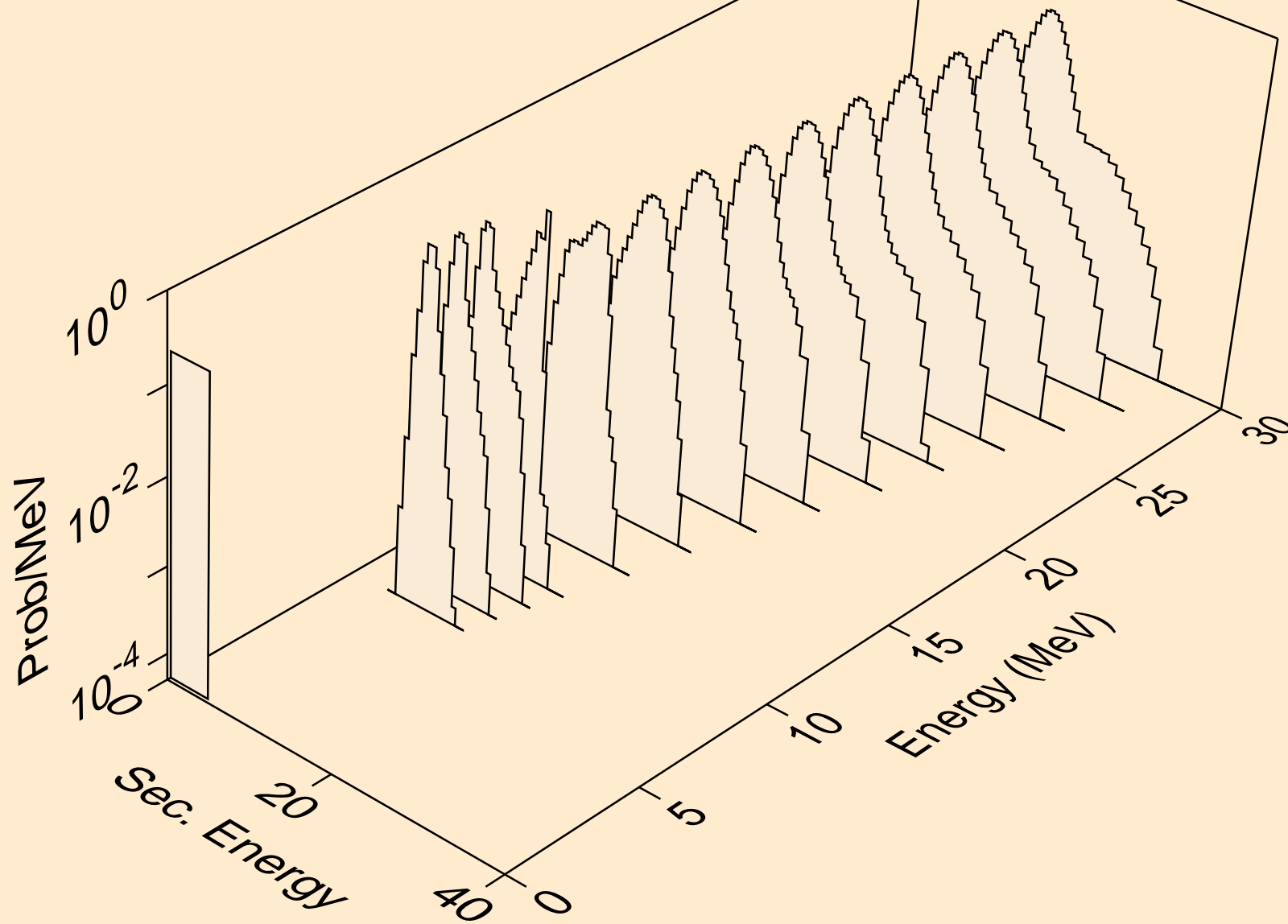




PM147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2a)



PM147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,pa)



PM147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,da)

