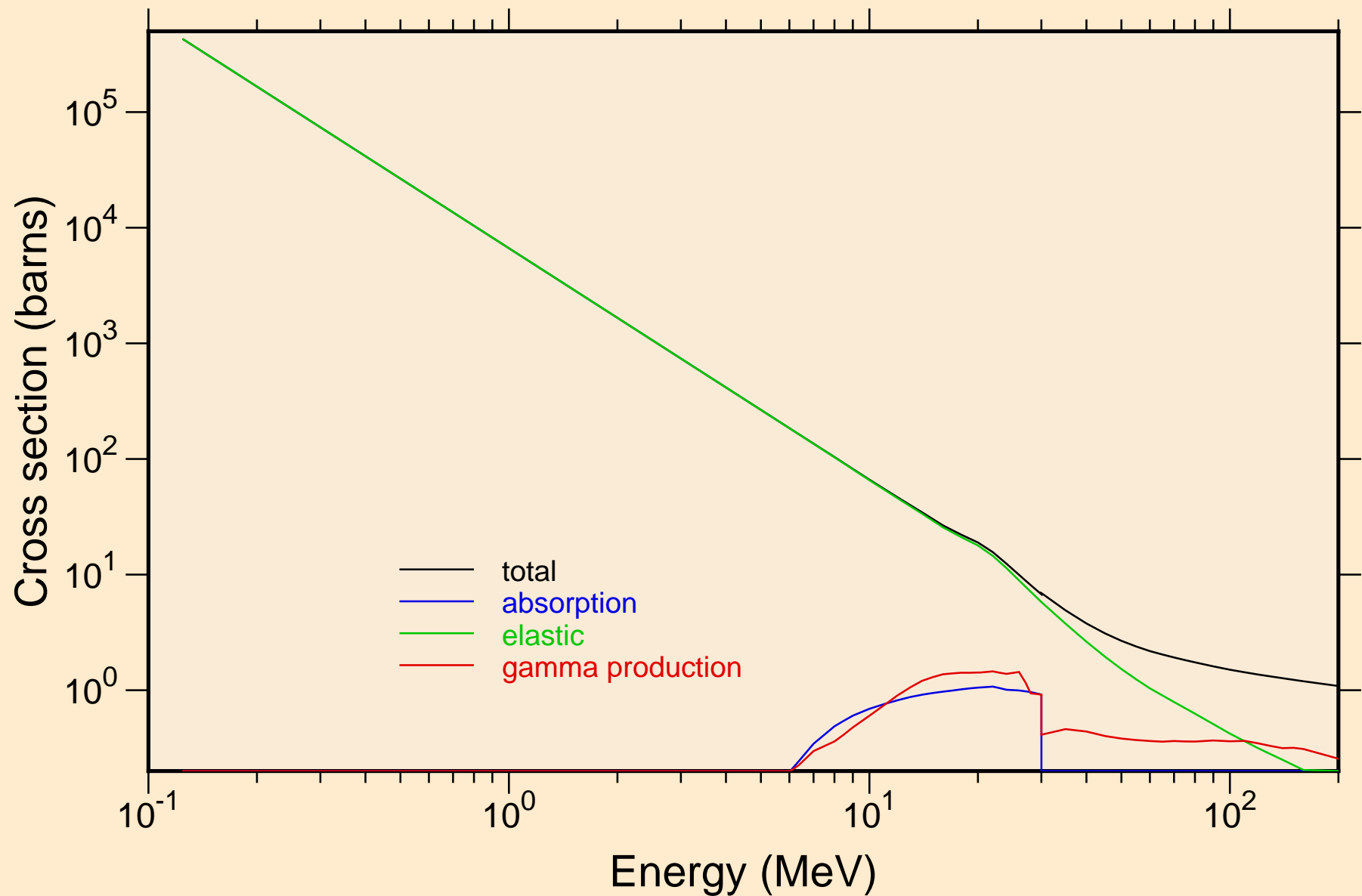
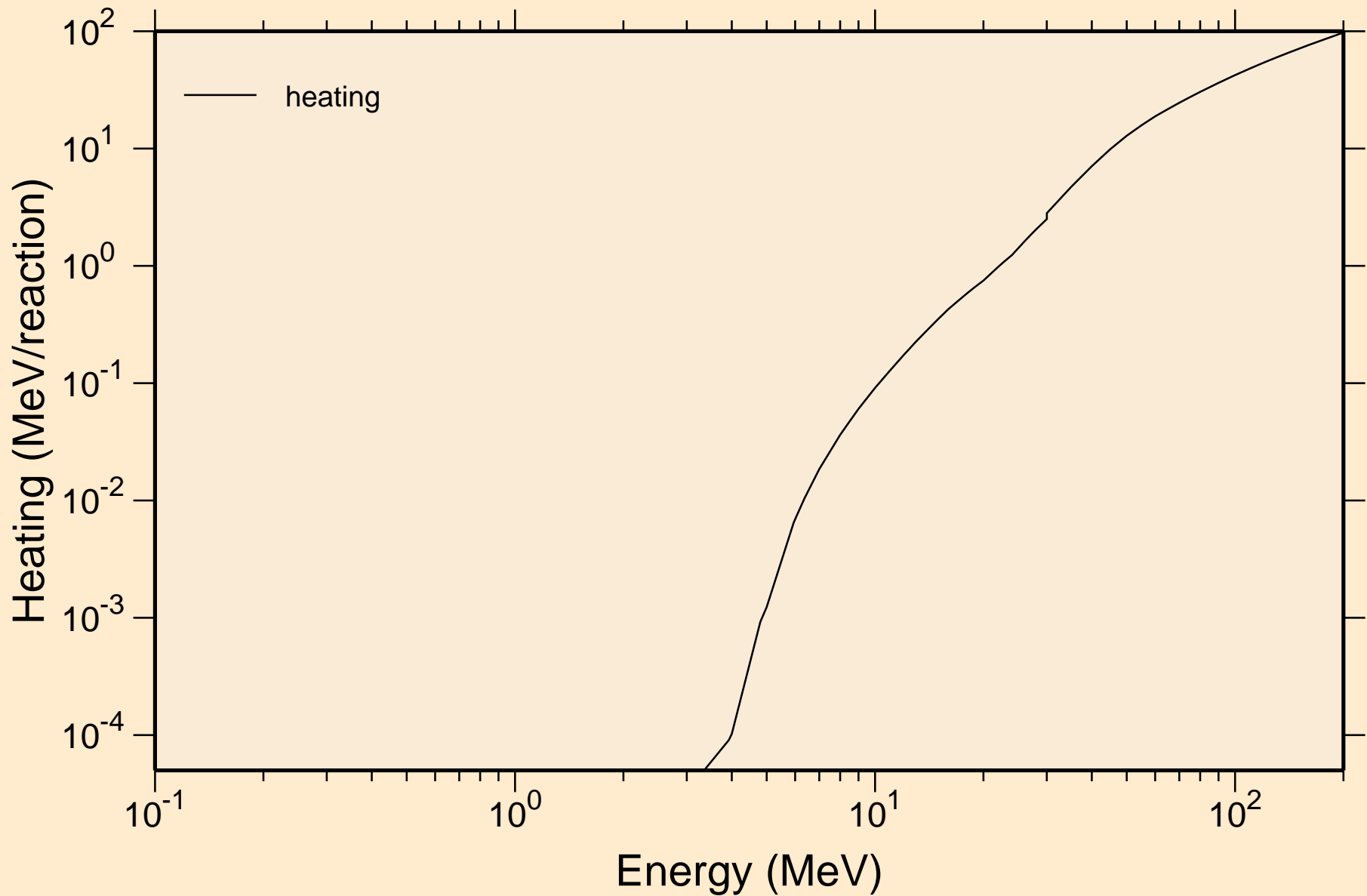


P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections

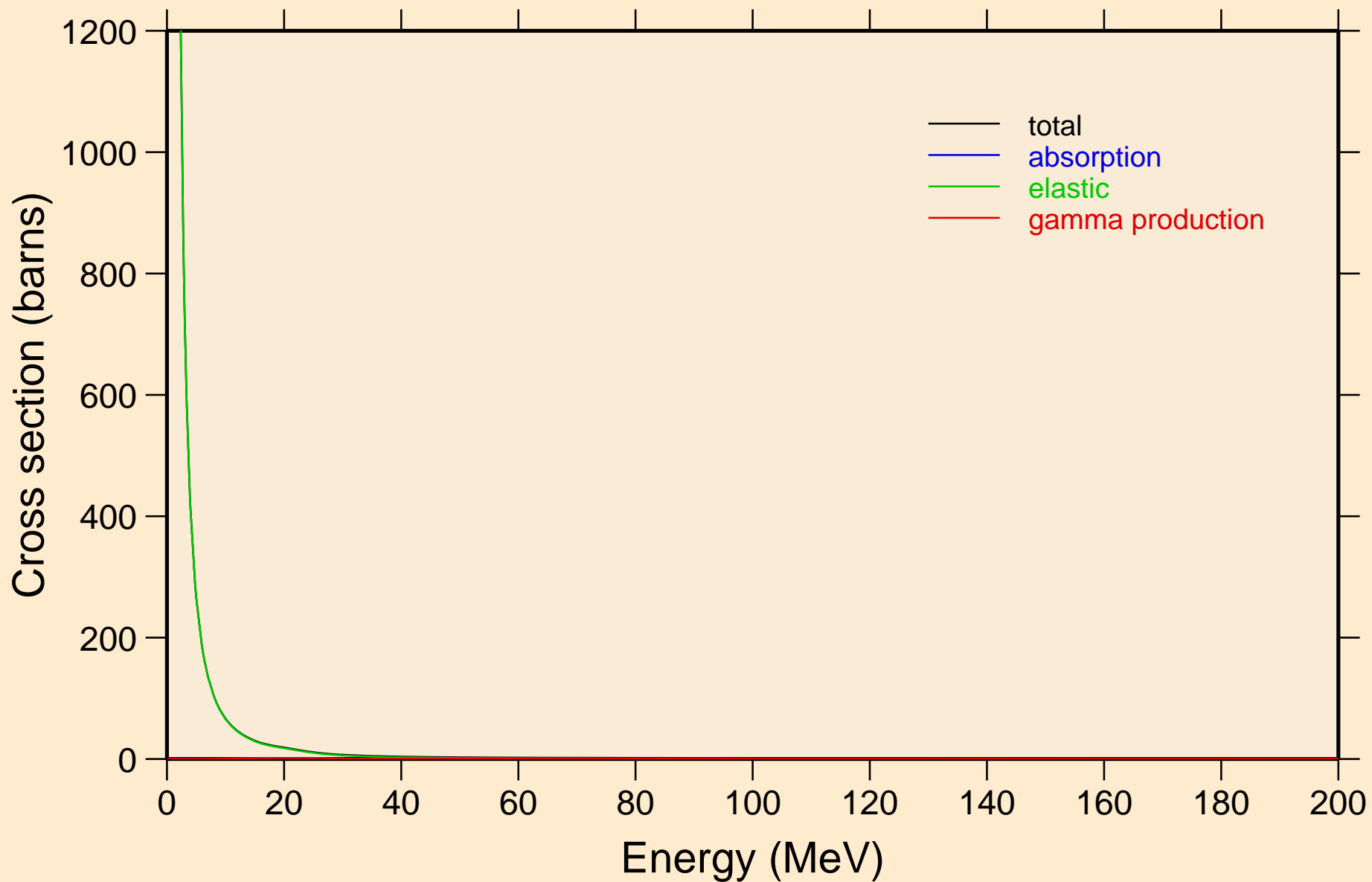


P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Heating

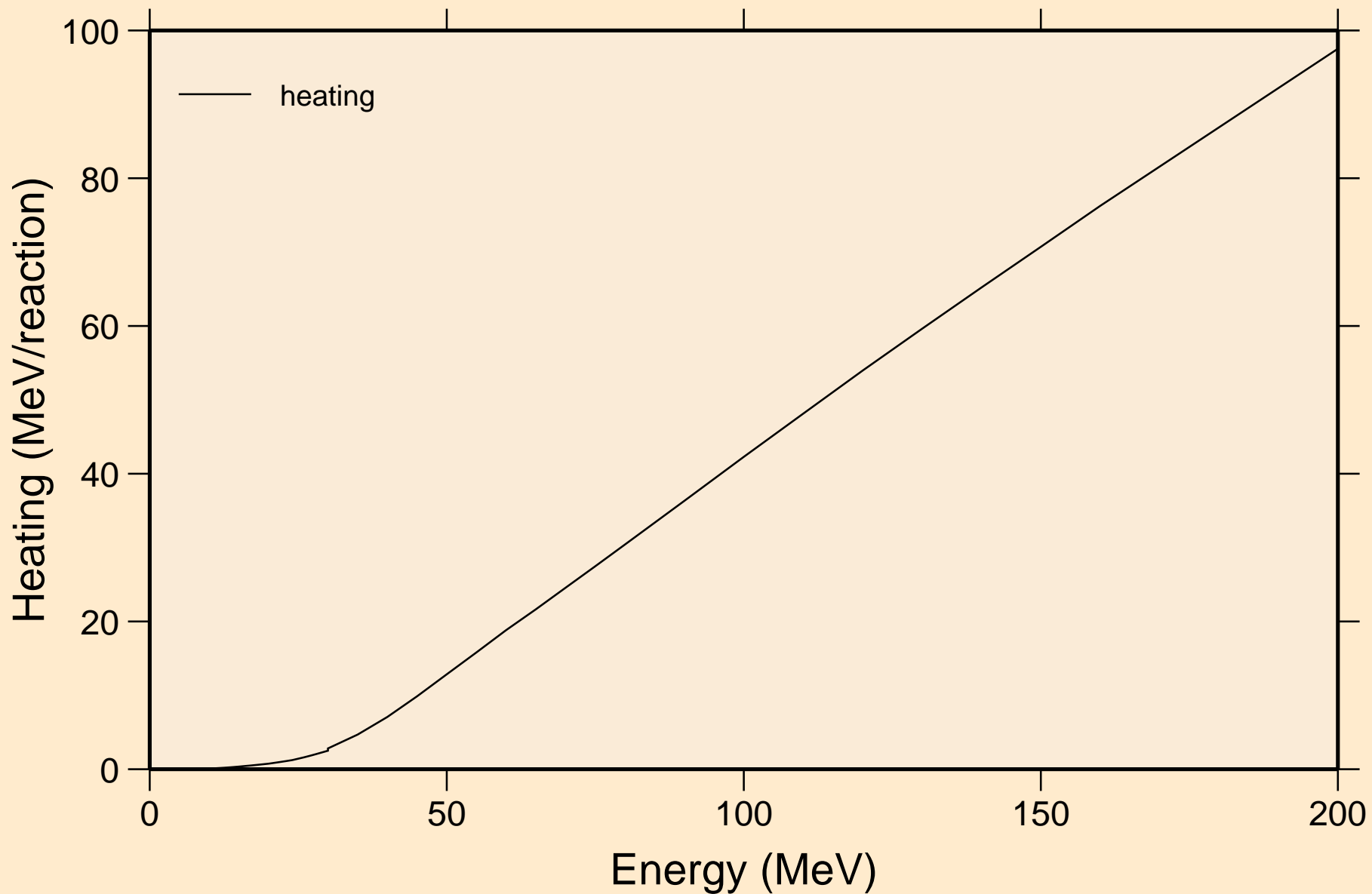


# P031 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

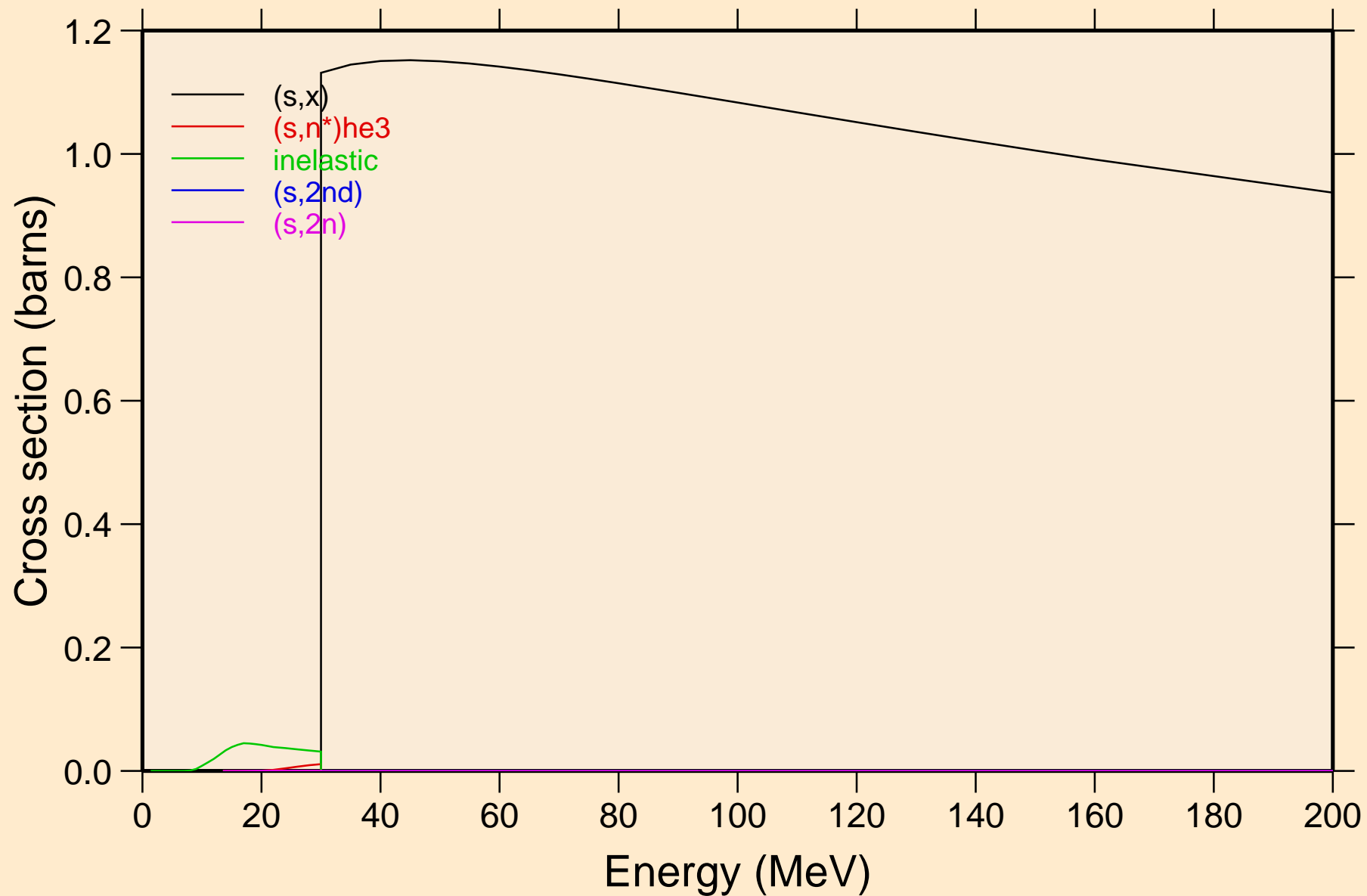


P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Heating

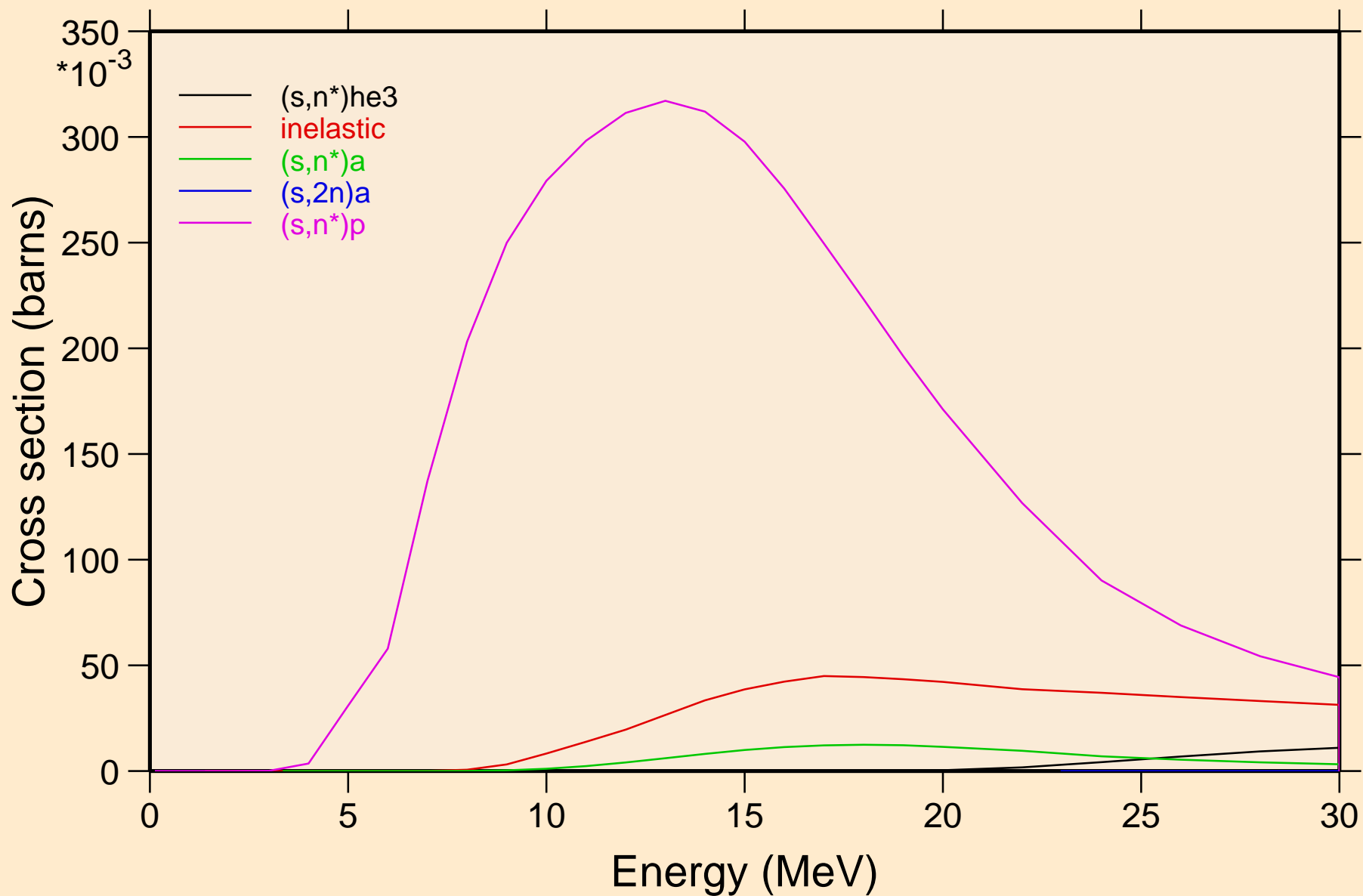


# P031 HELION ACER TENDL-2023 LIBRARY; T=0.K

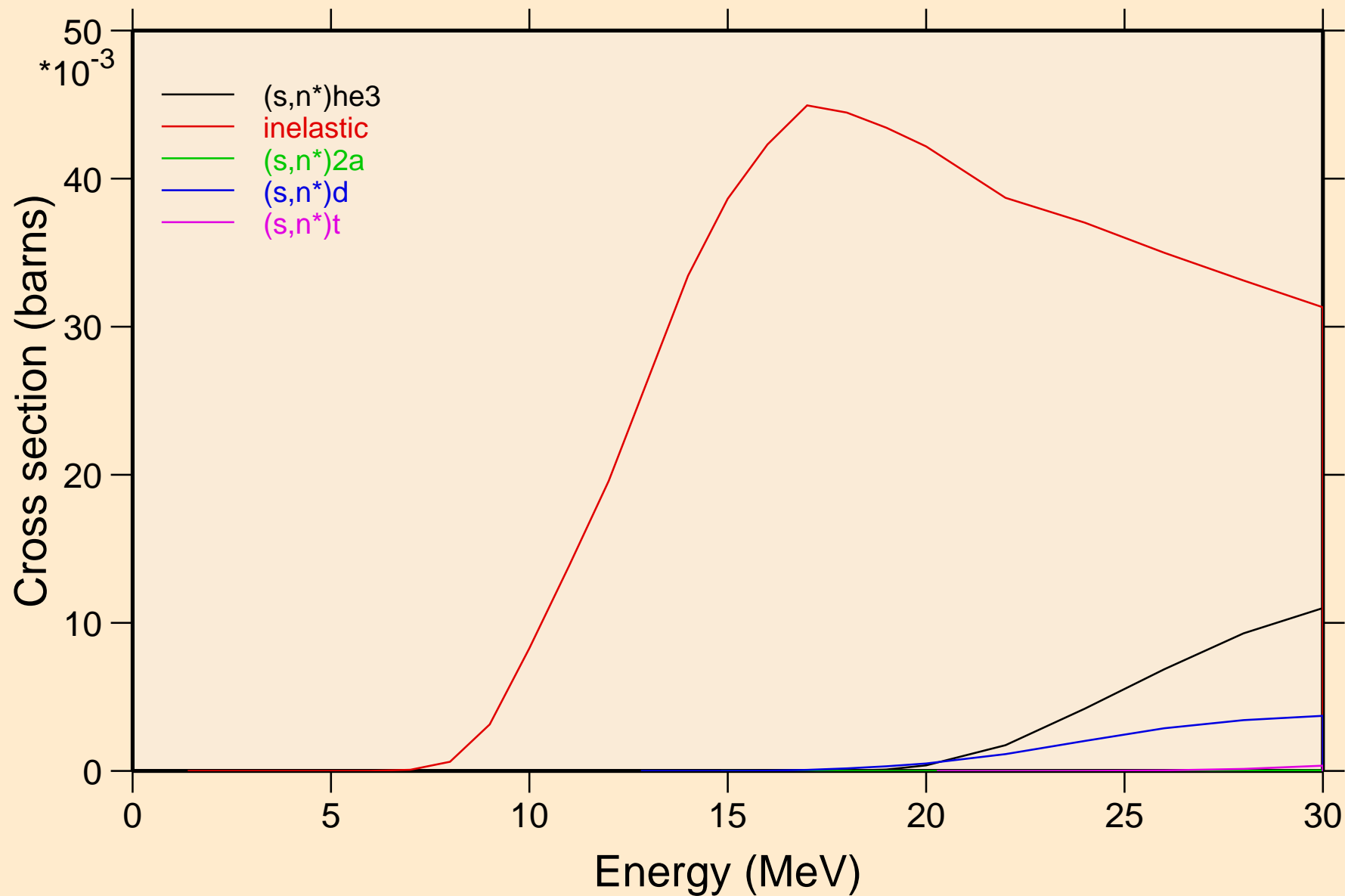
## Threshold reactions



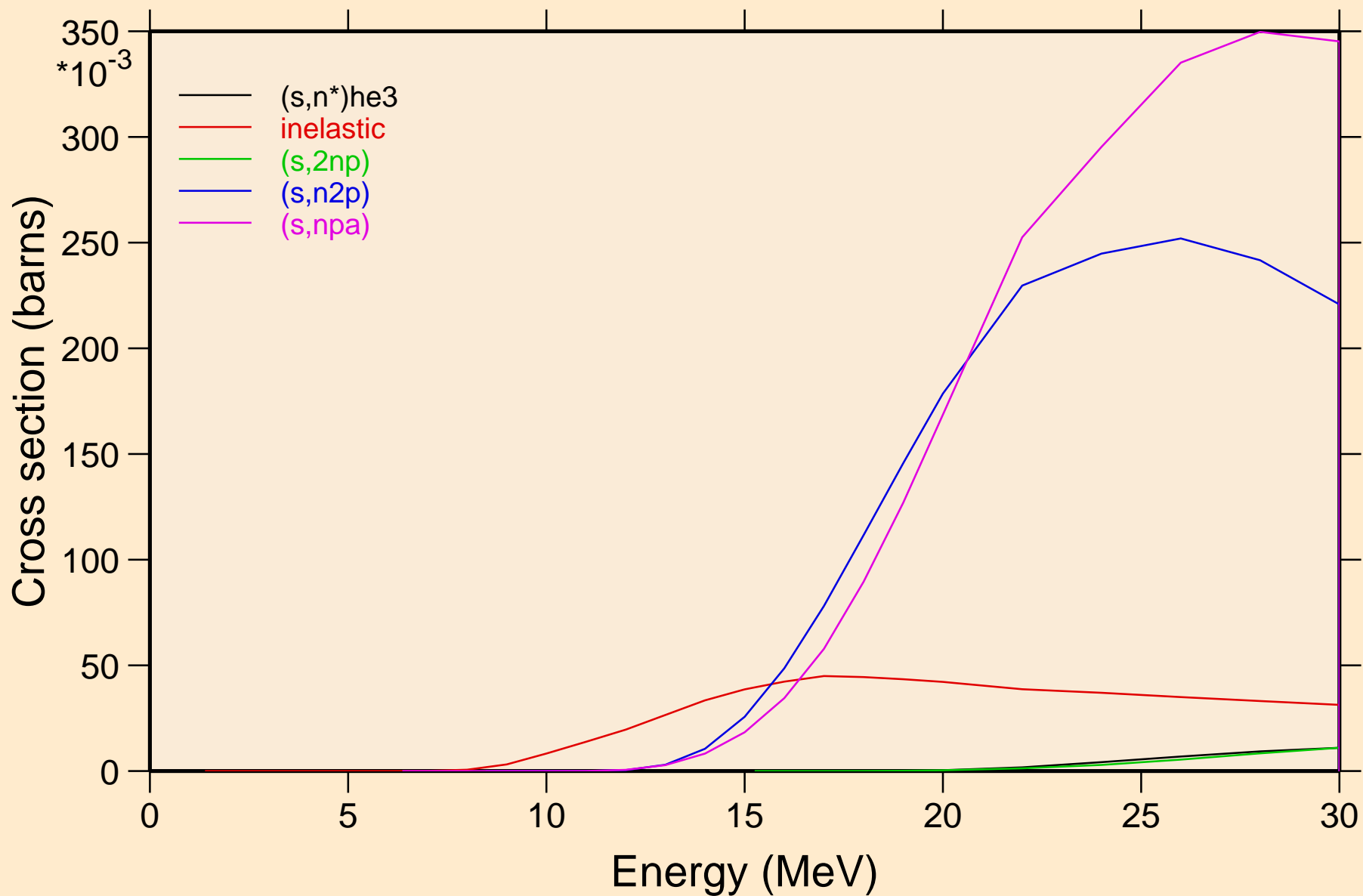
P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

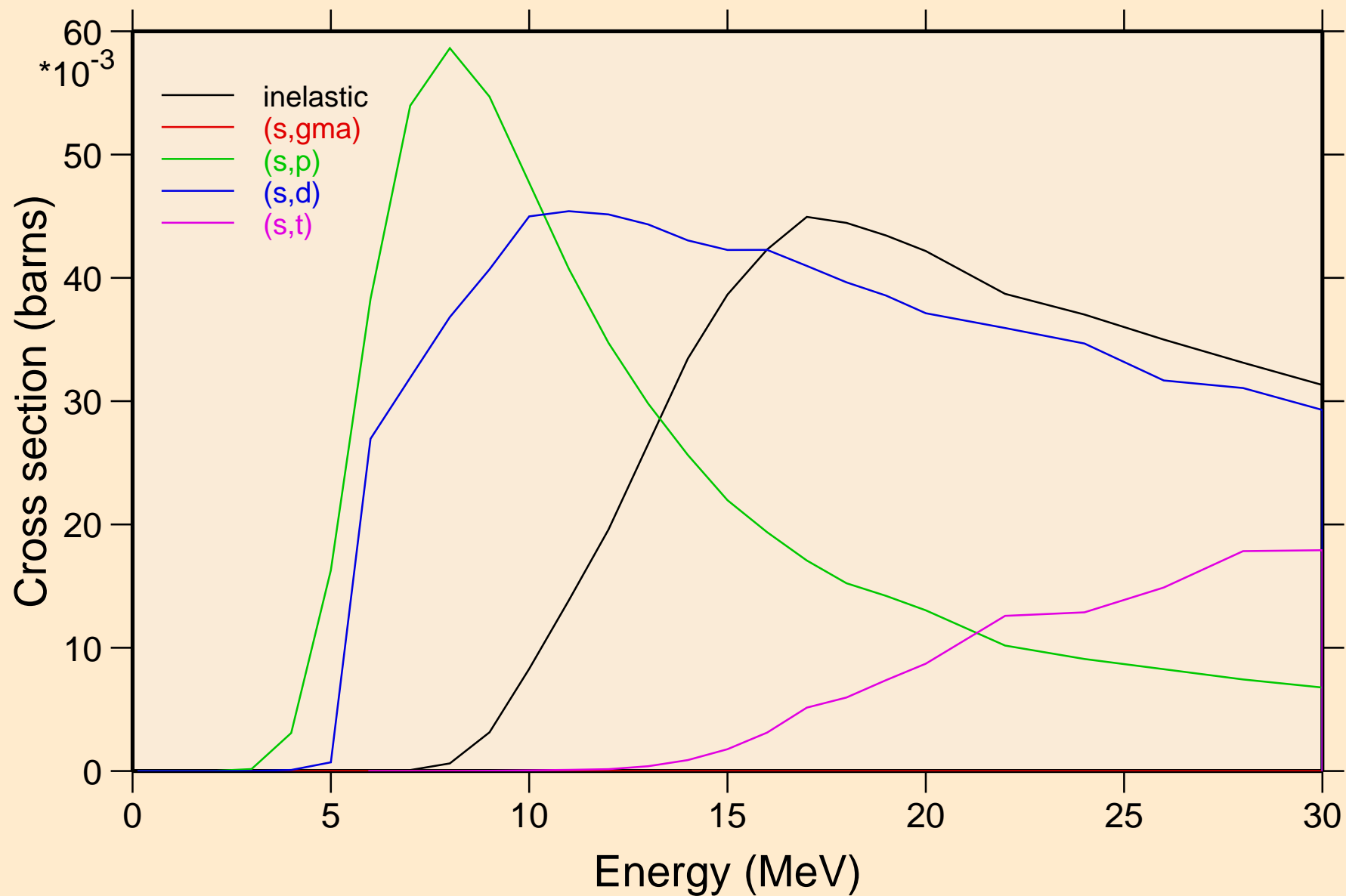


P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

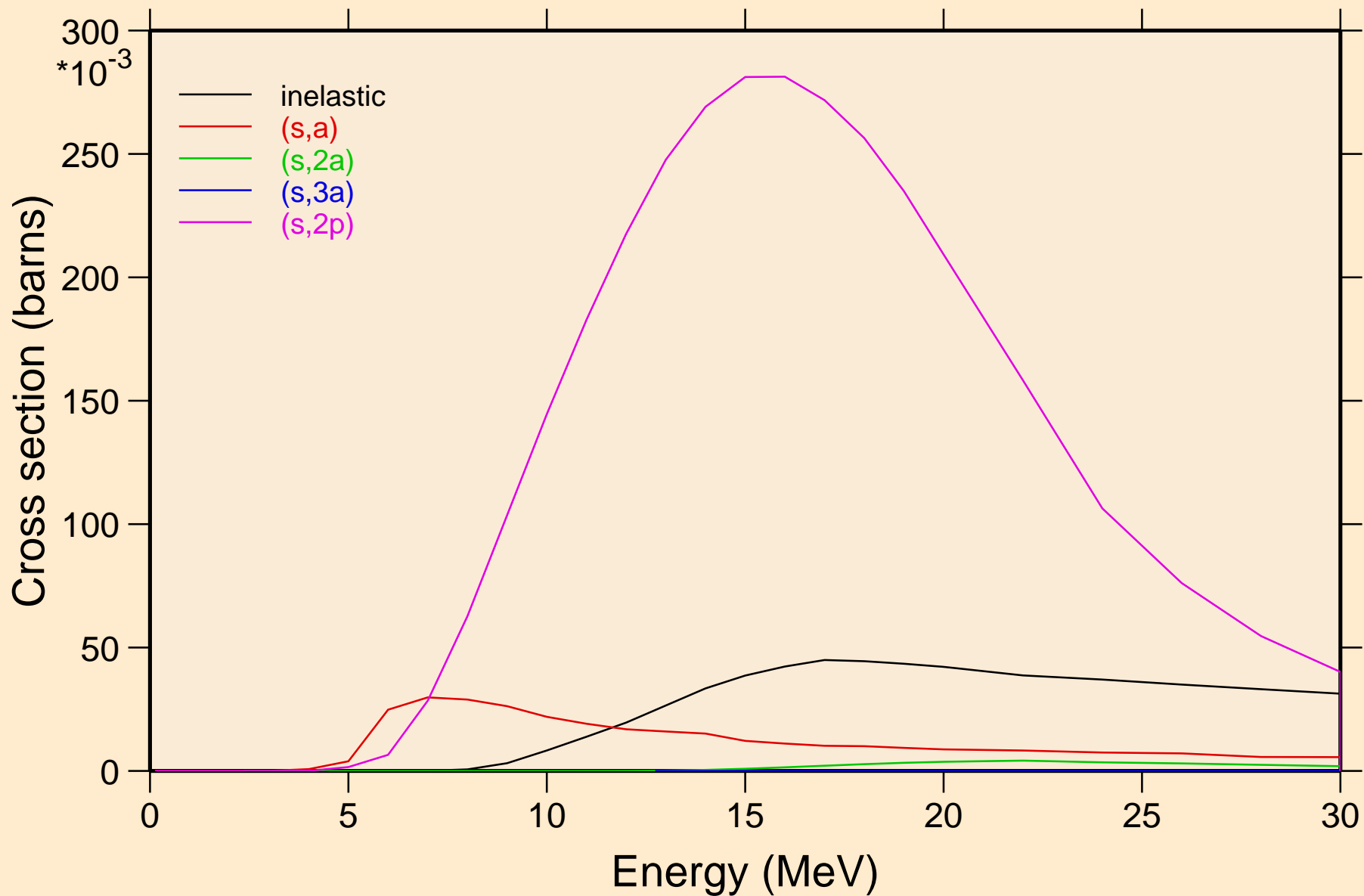




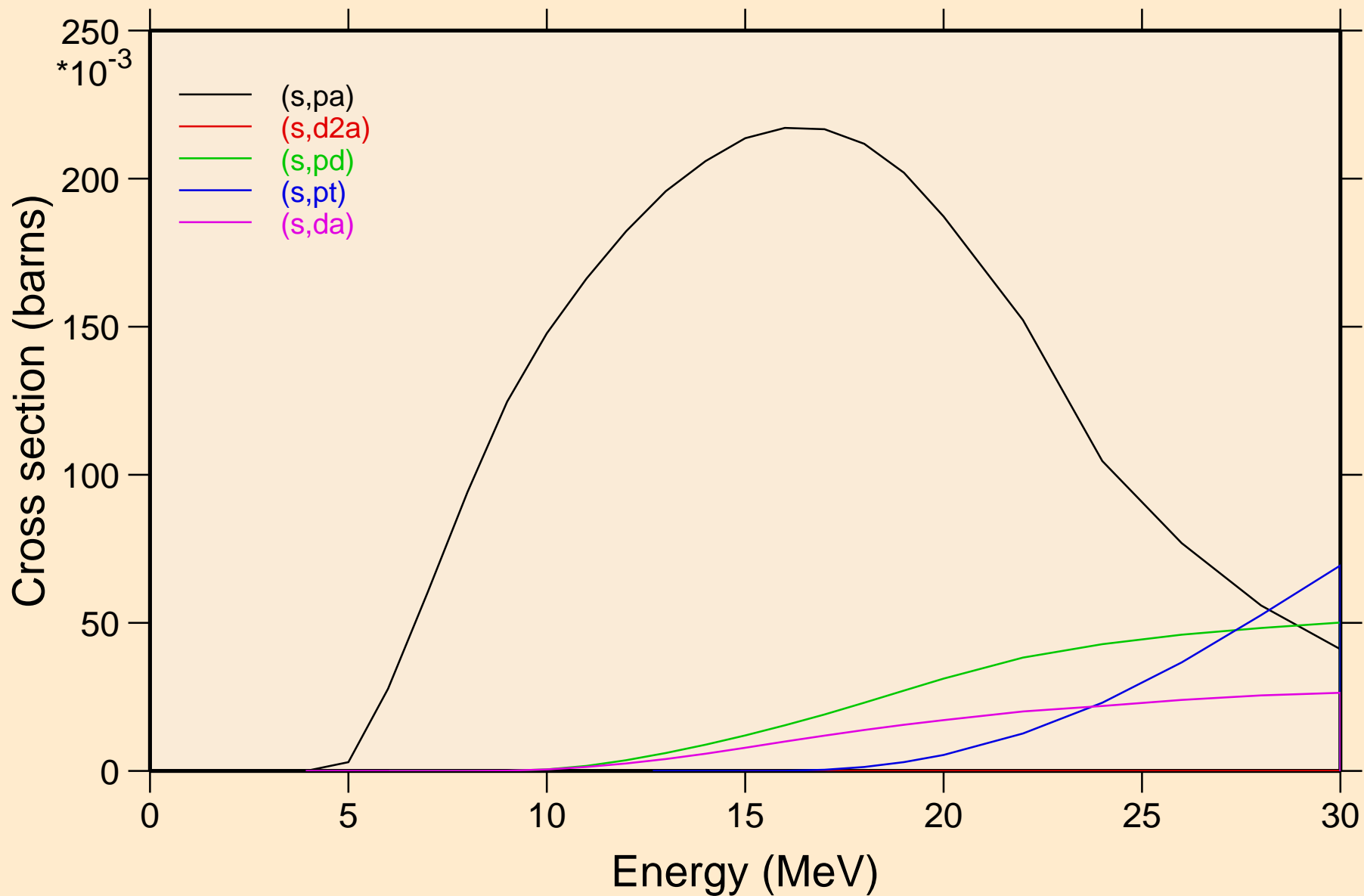
P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



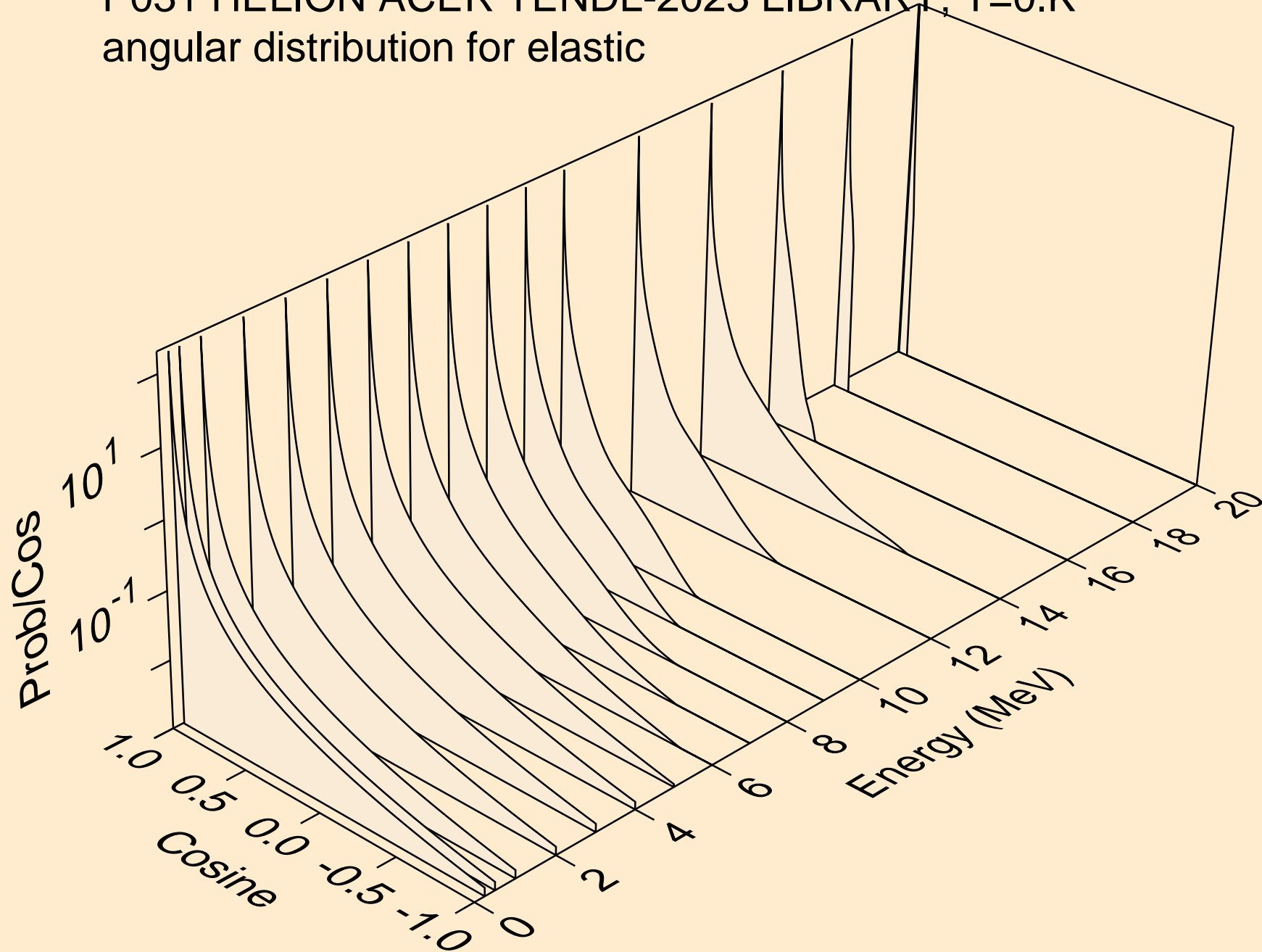
P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



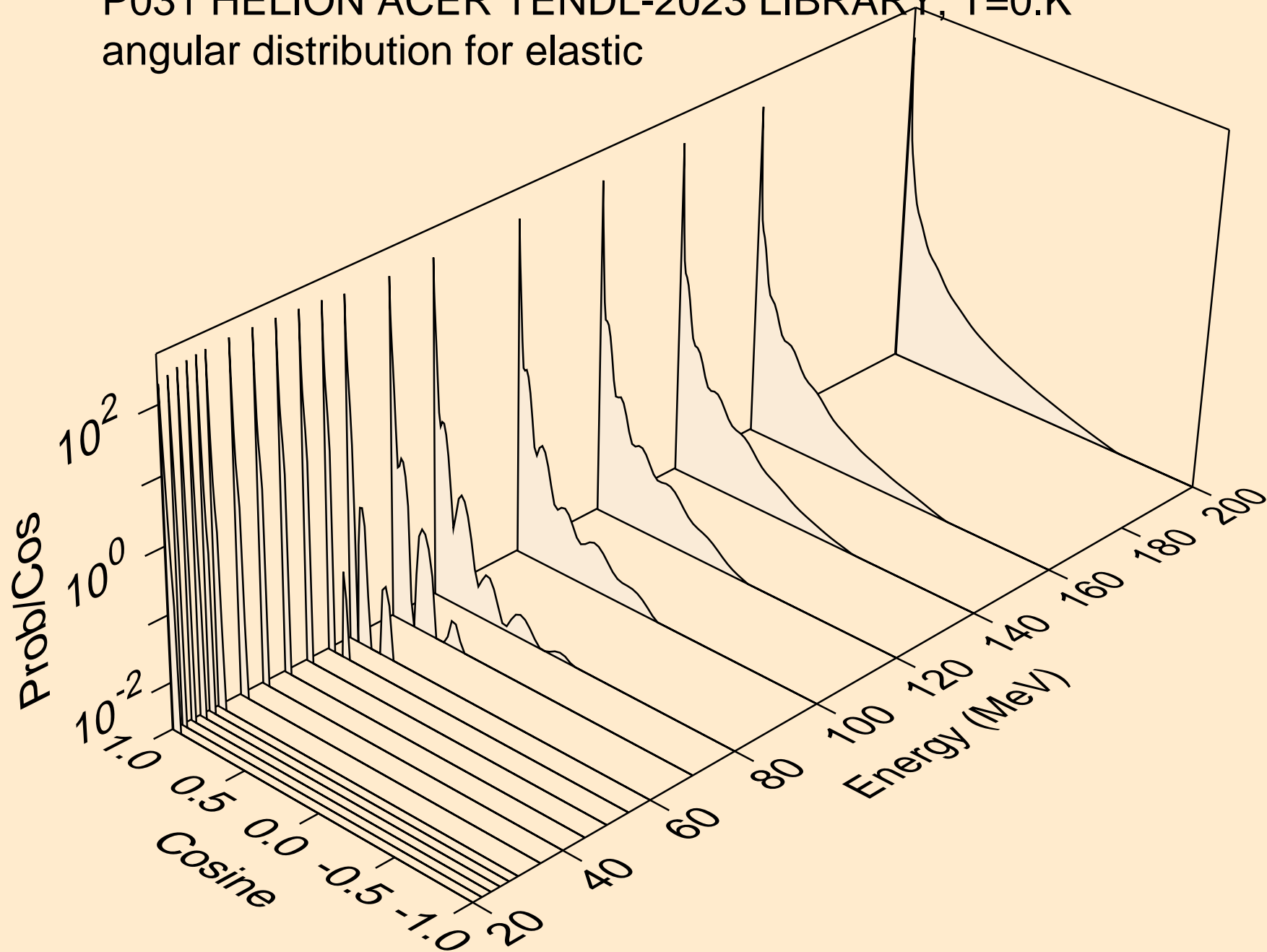
P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



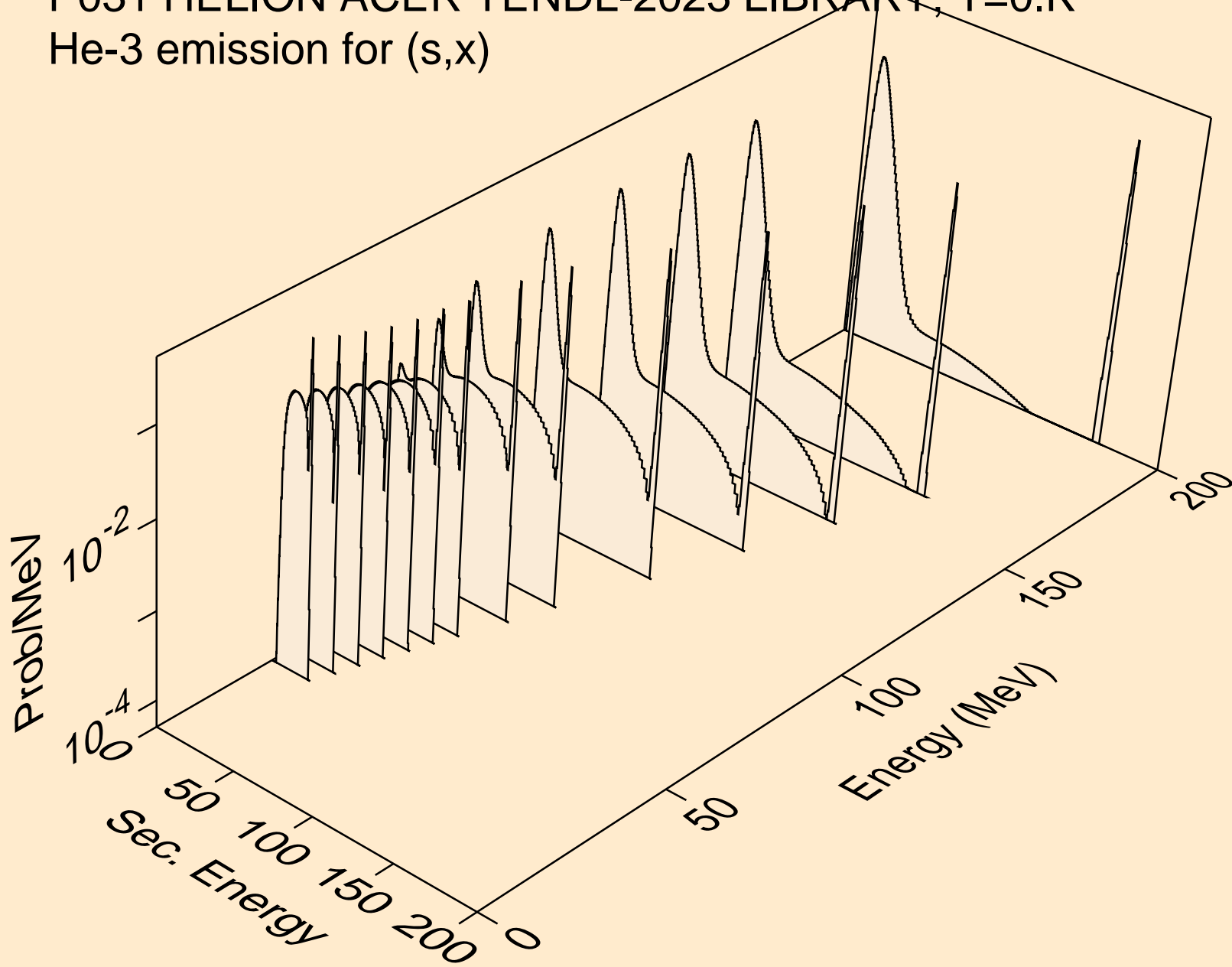
P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



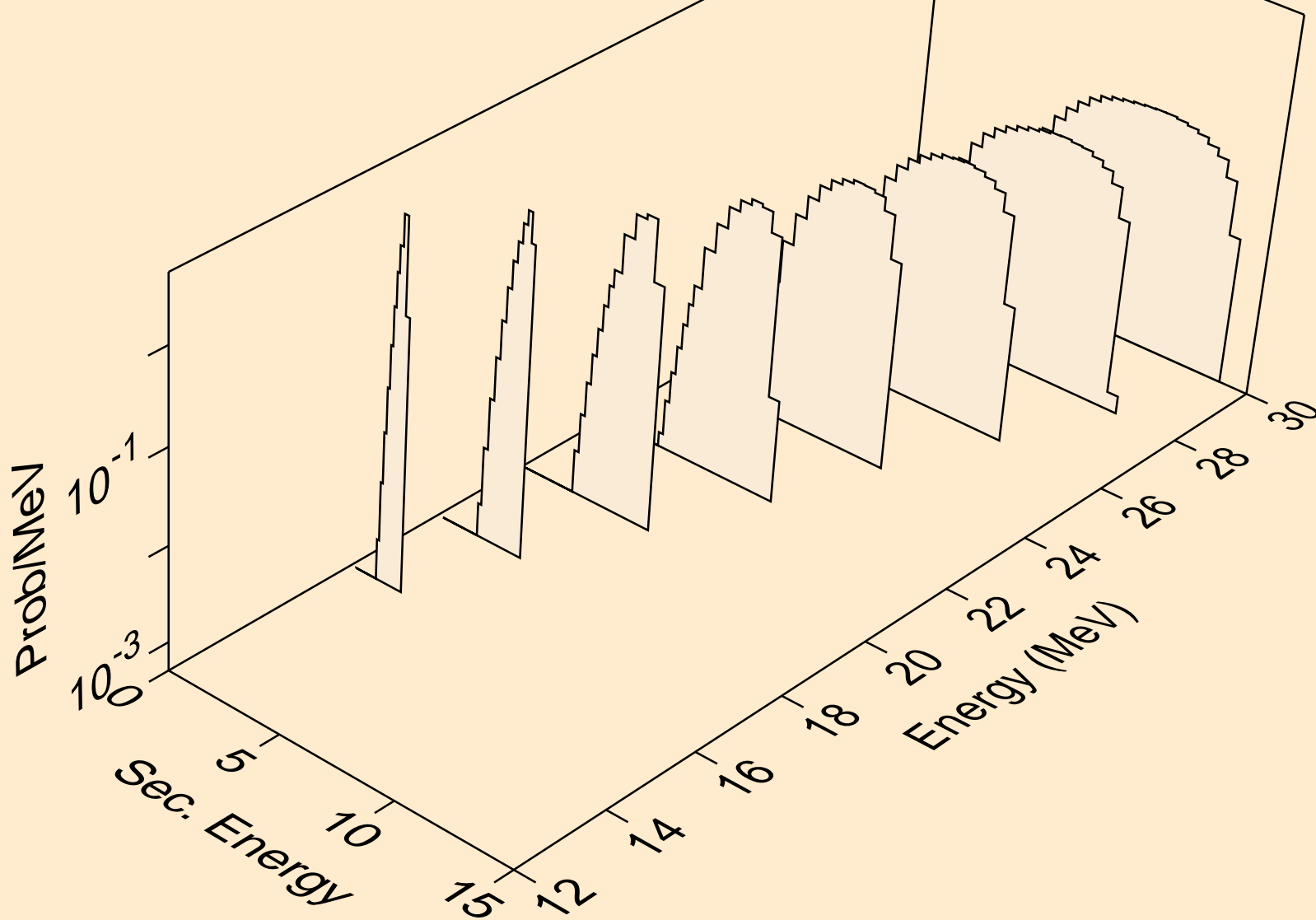
P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



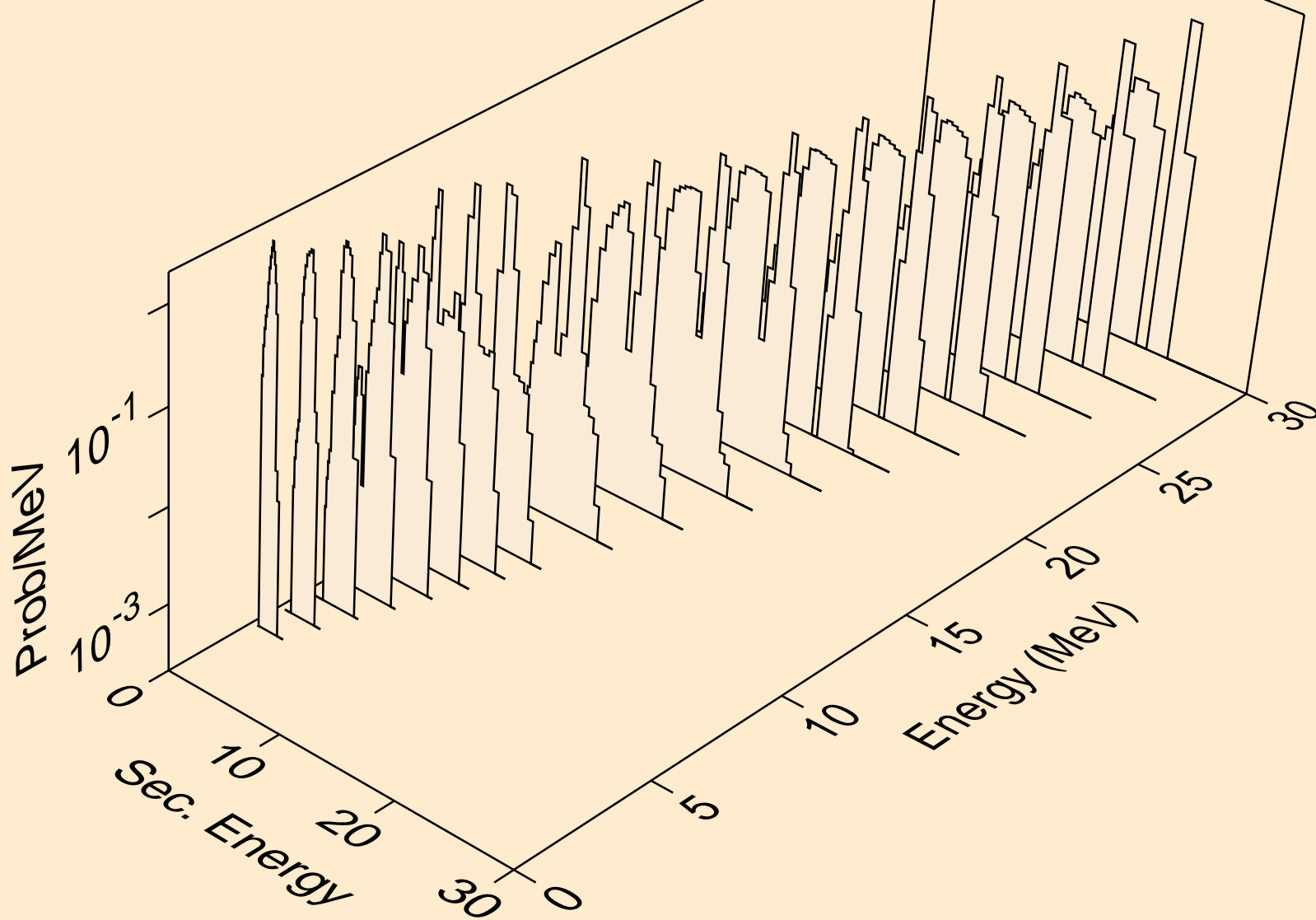
P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,x)



P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

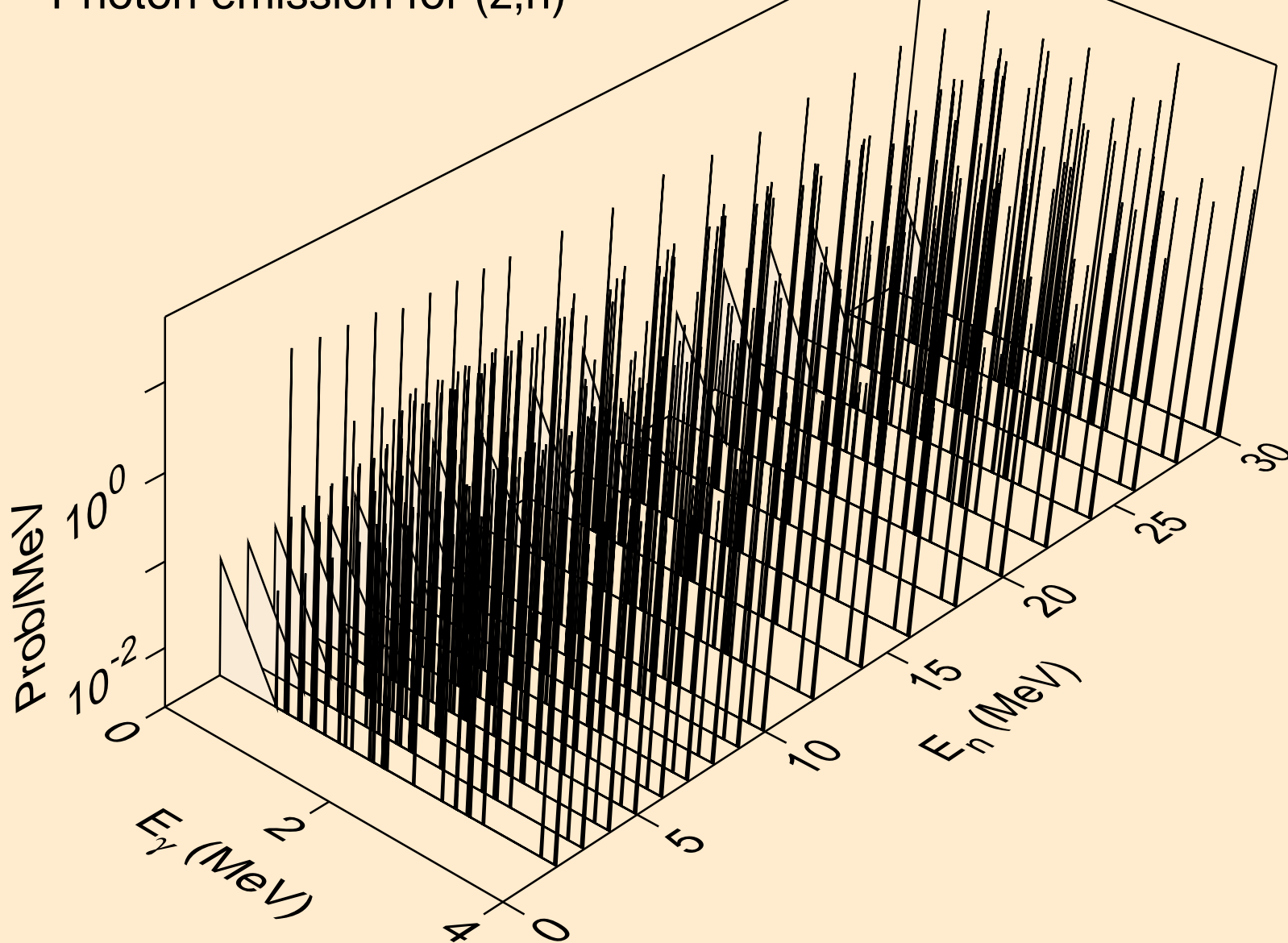


P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for inelastic

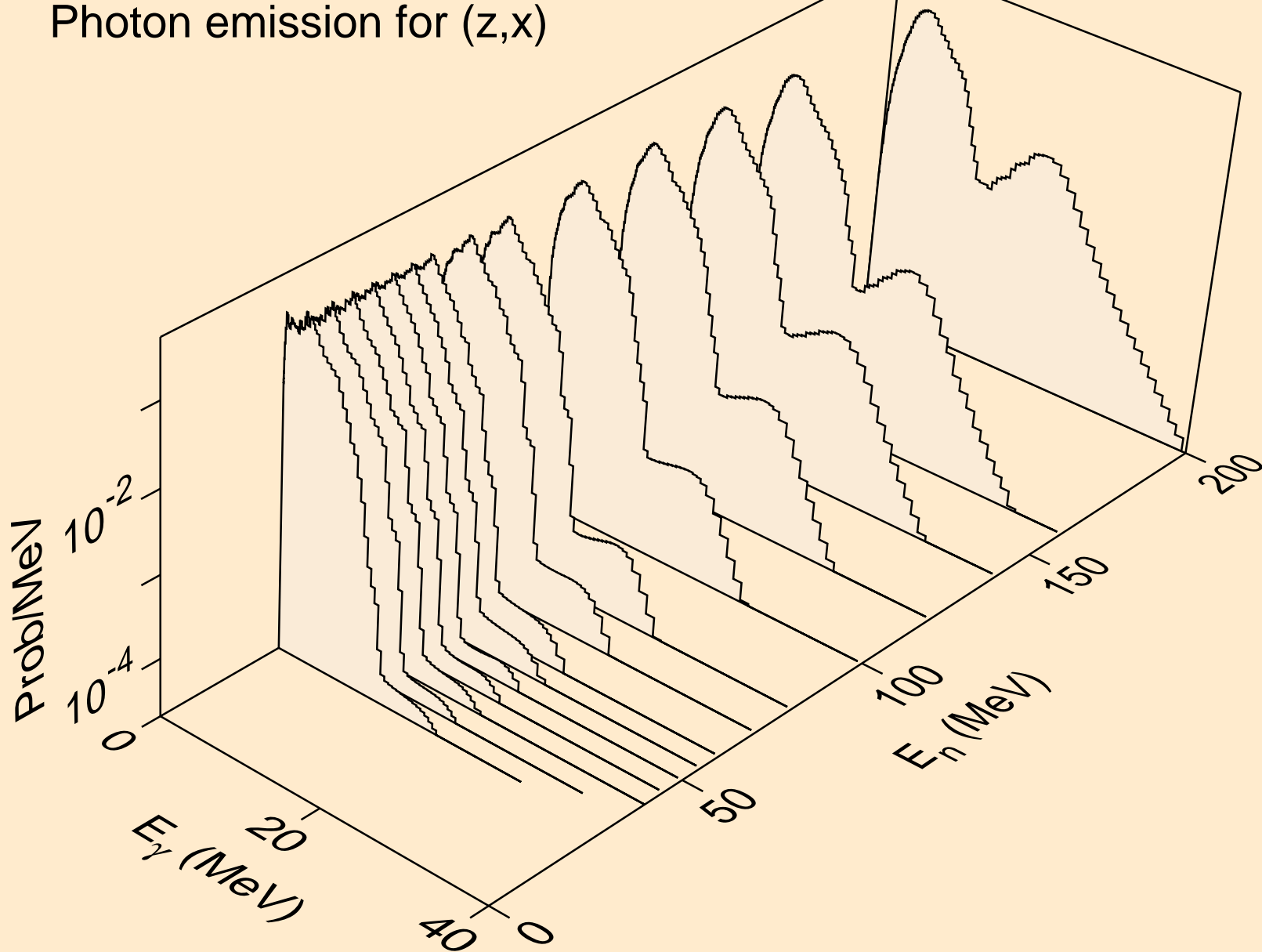




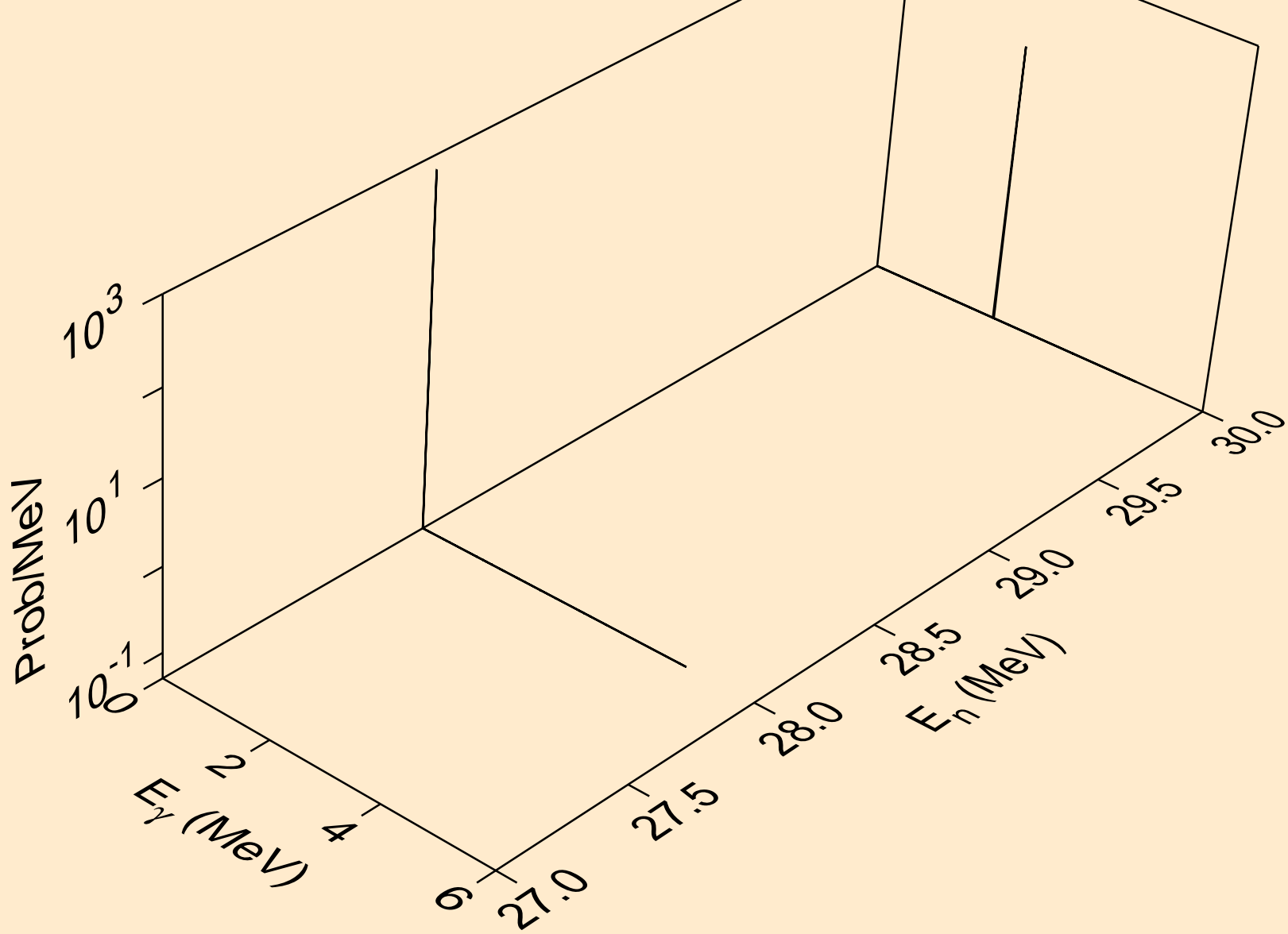
P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



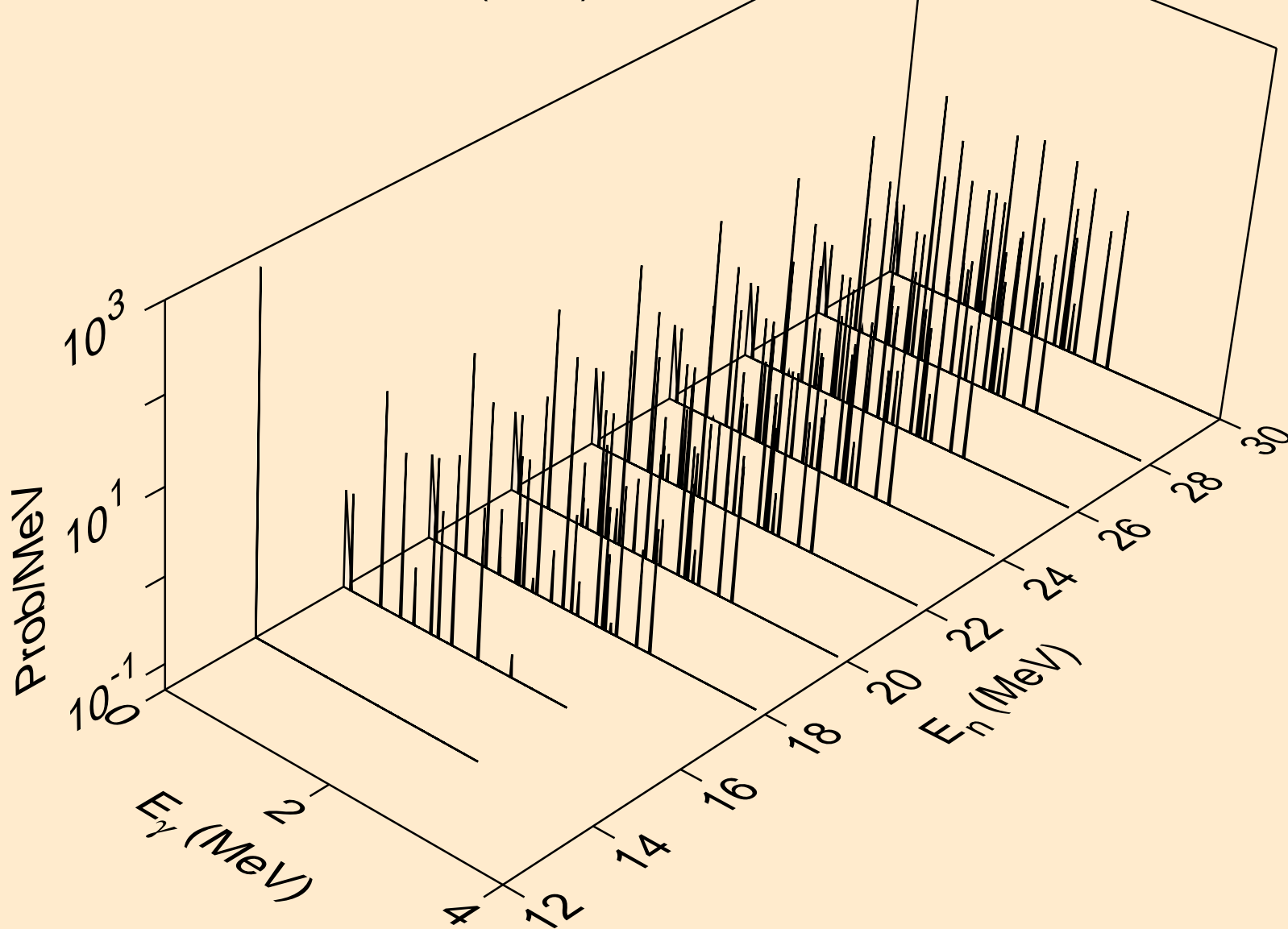
P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



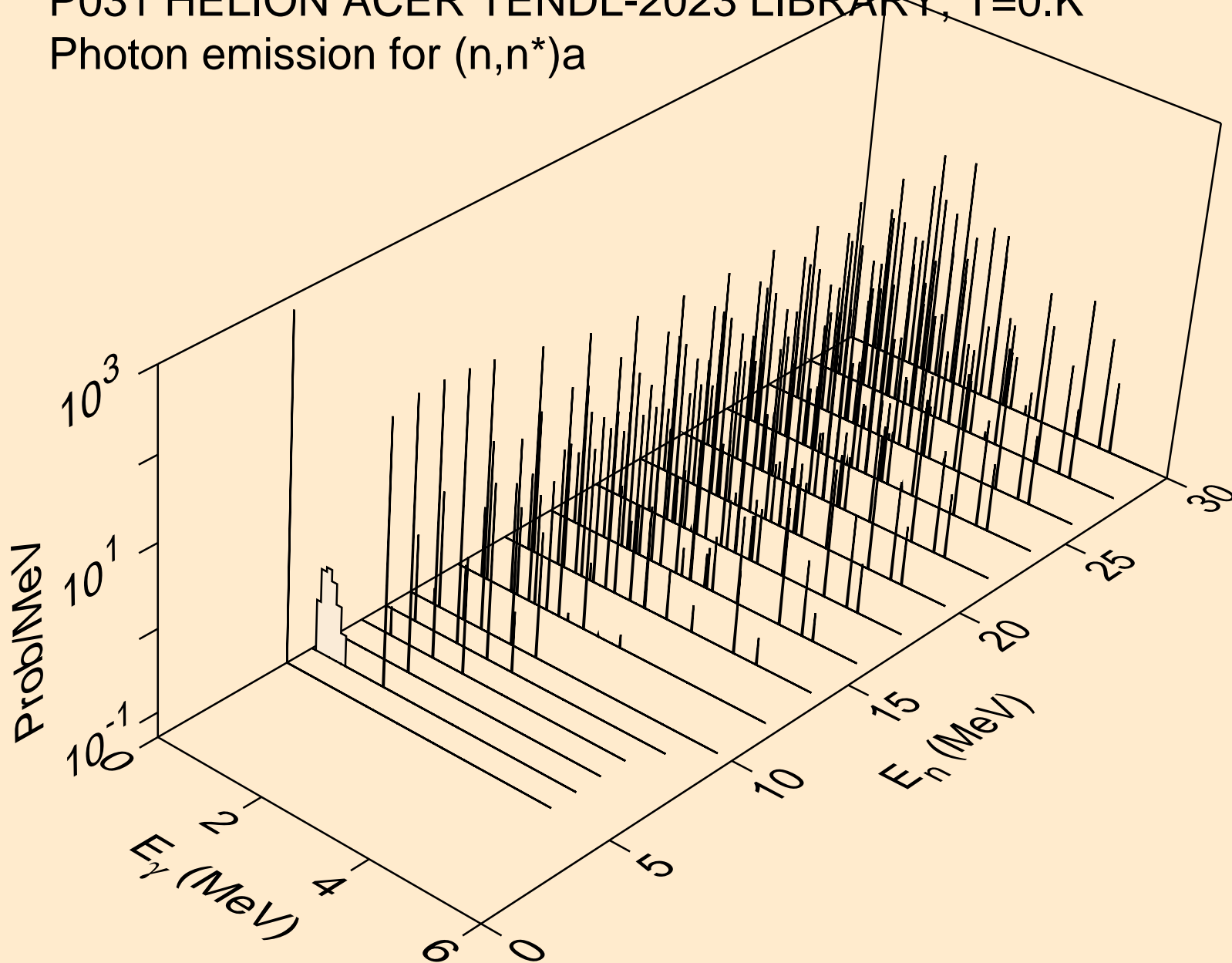
P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



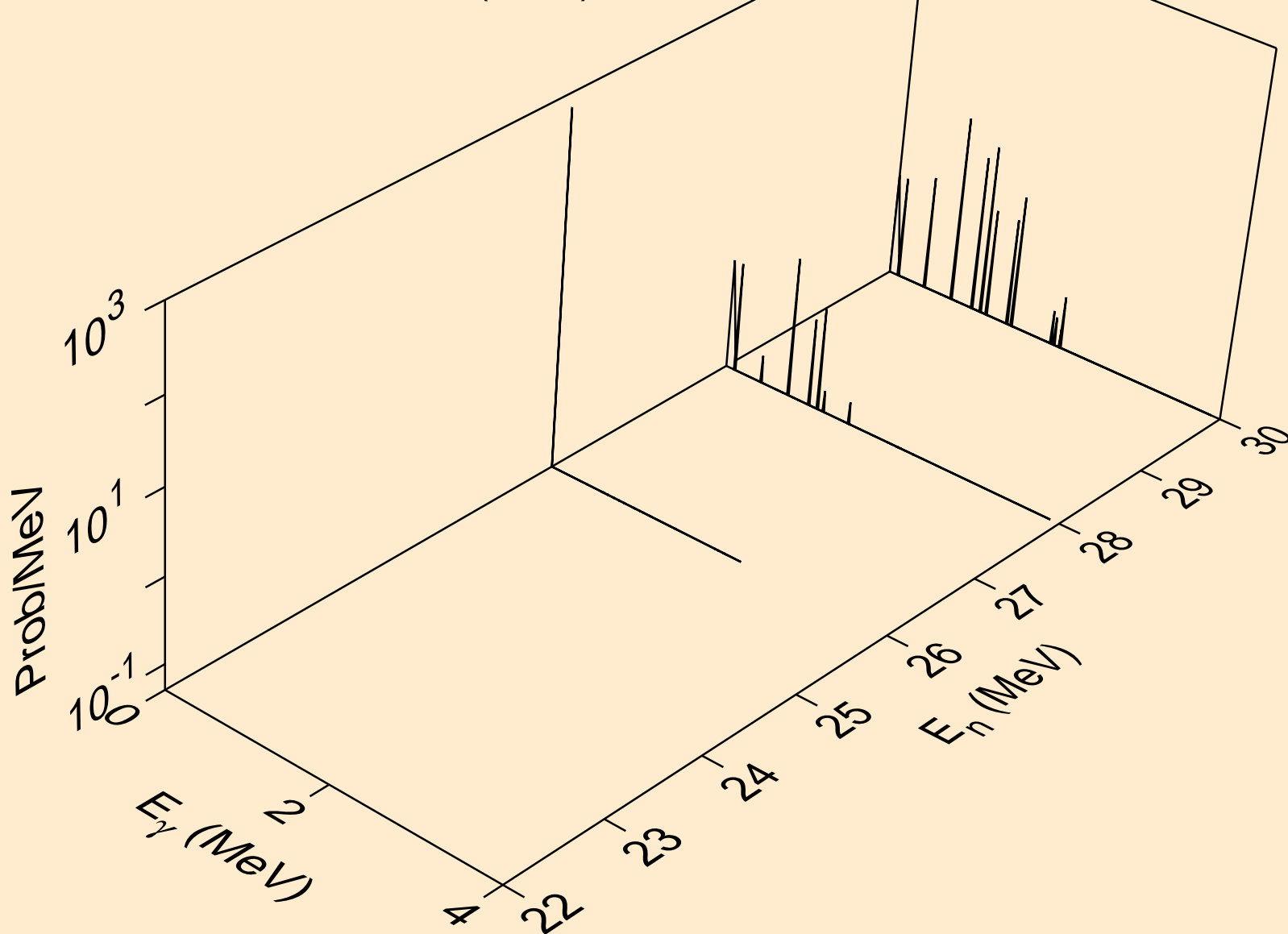
P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



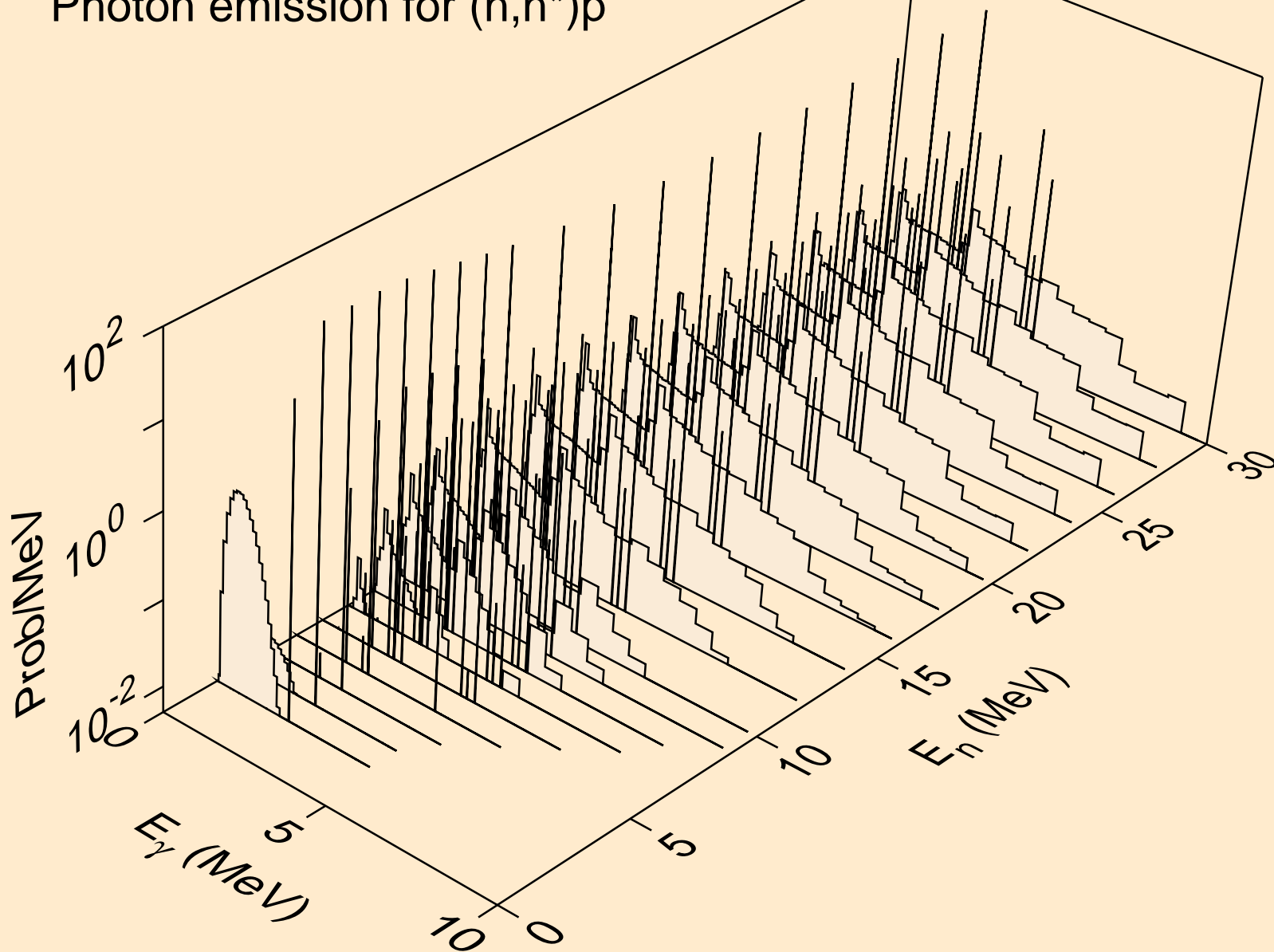
P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



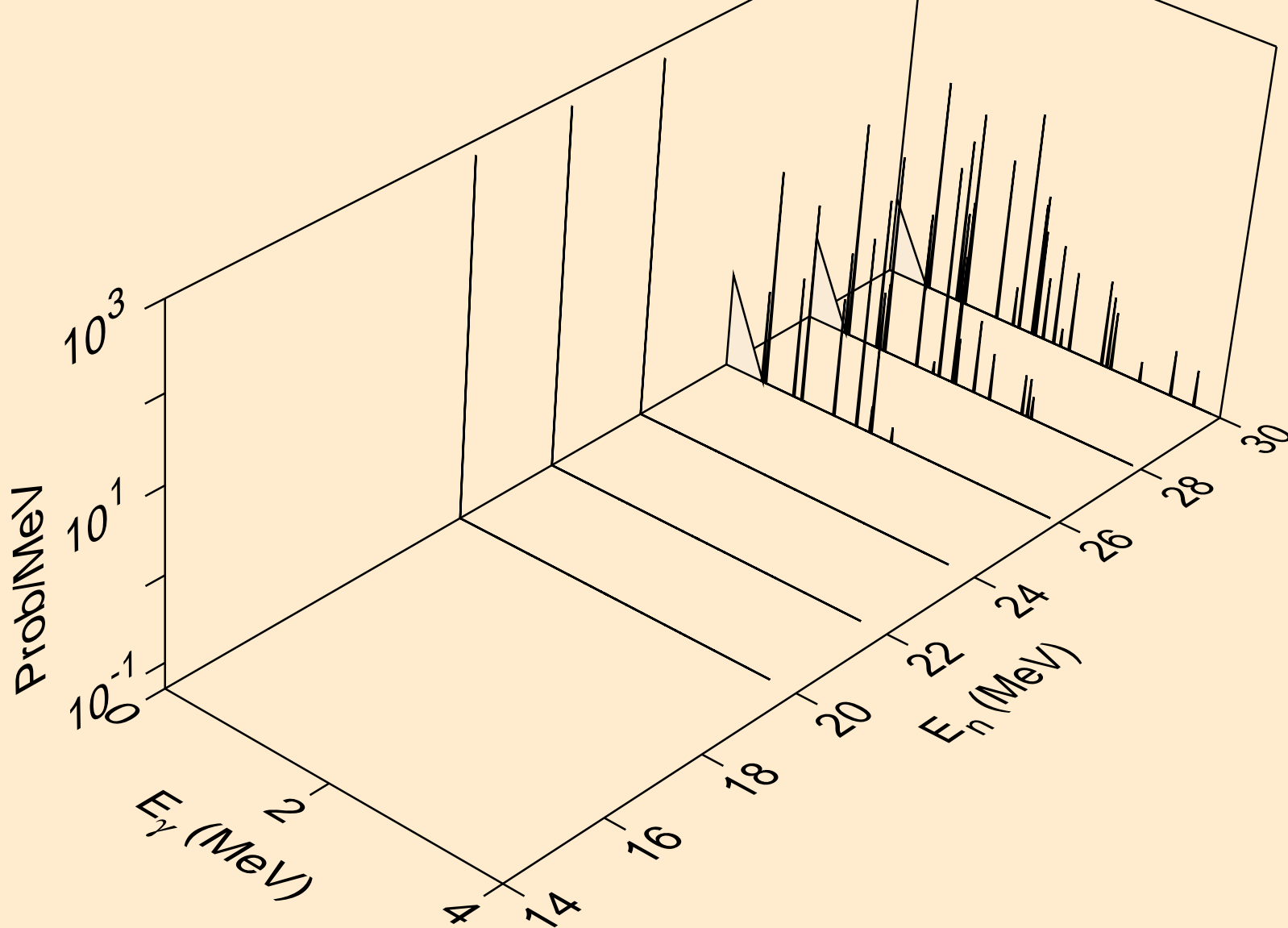
P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

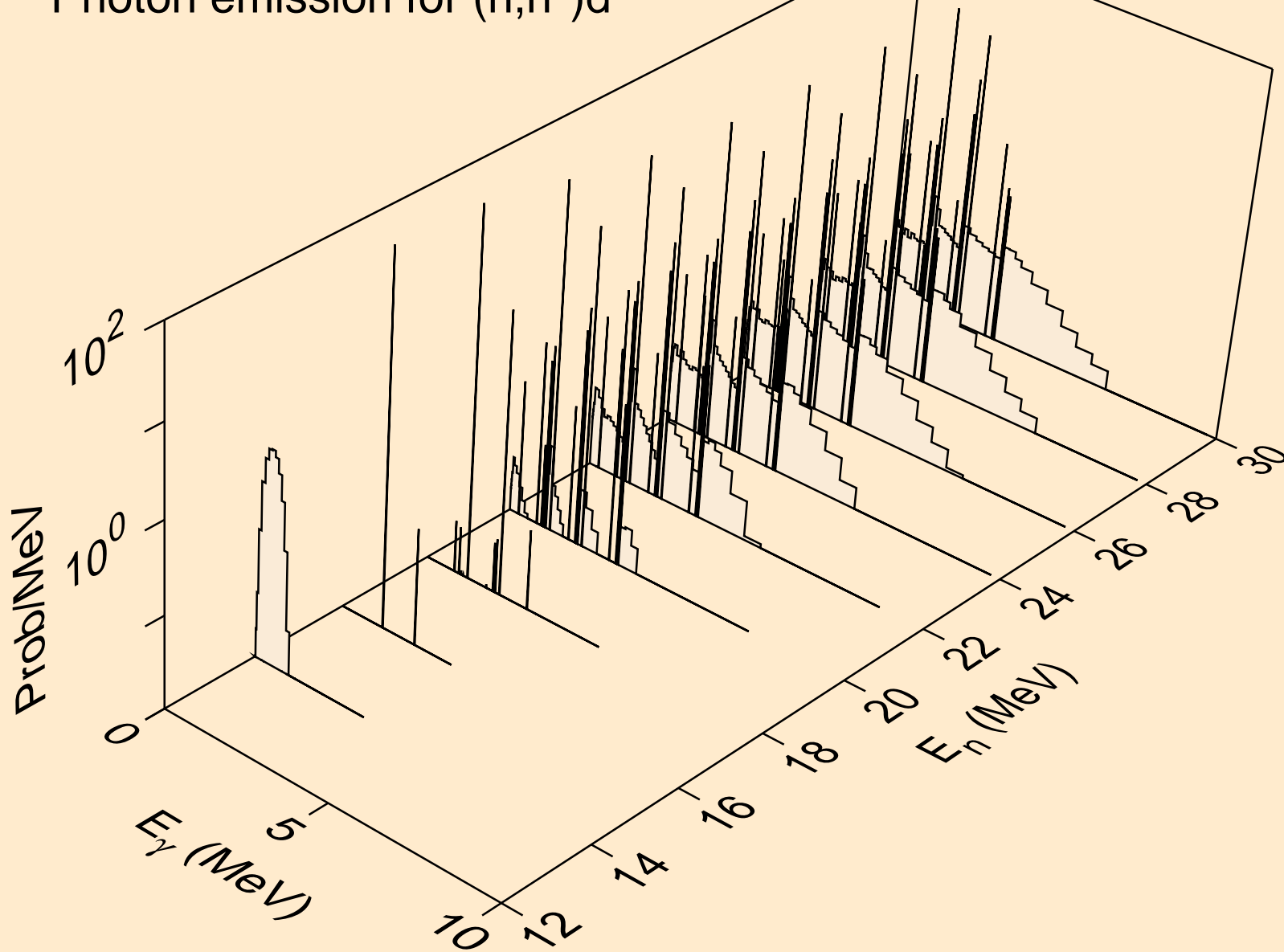


P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a

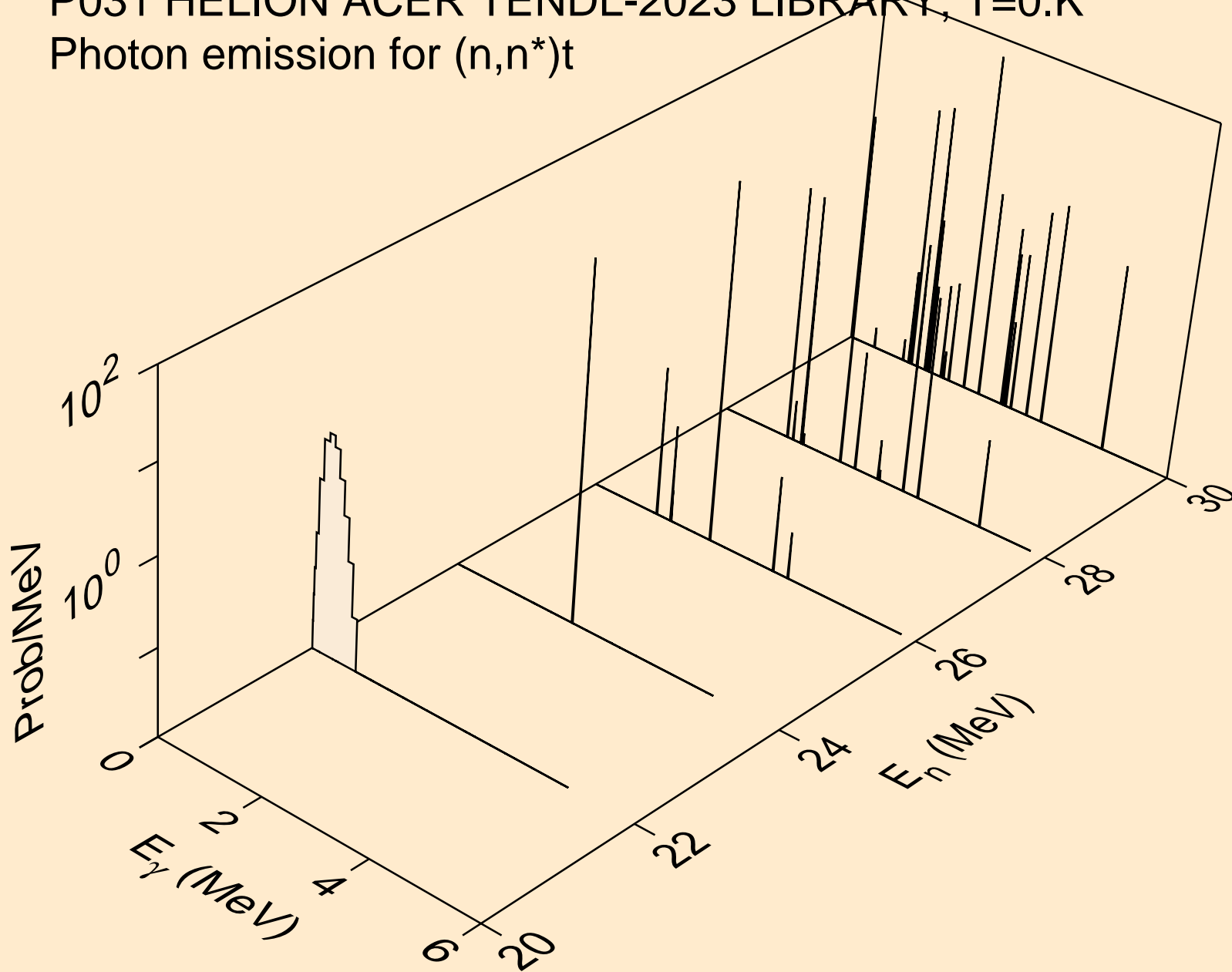




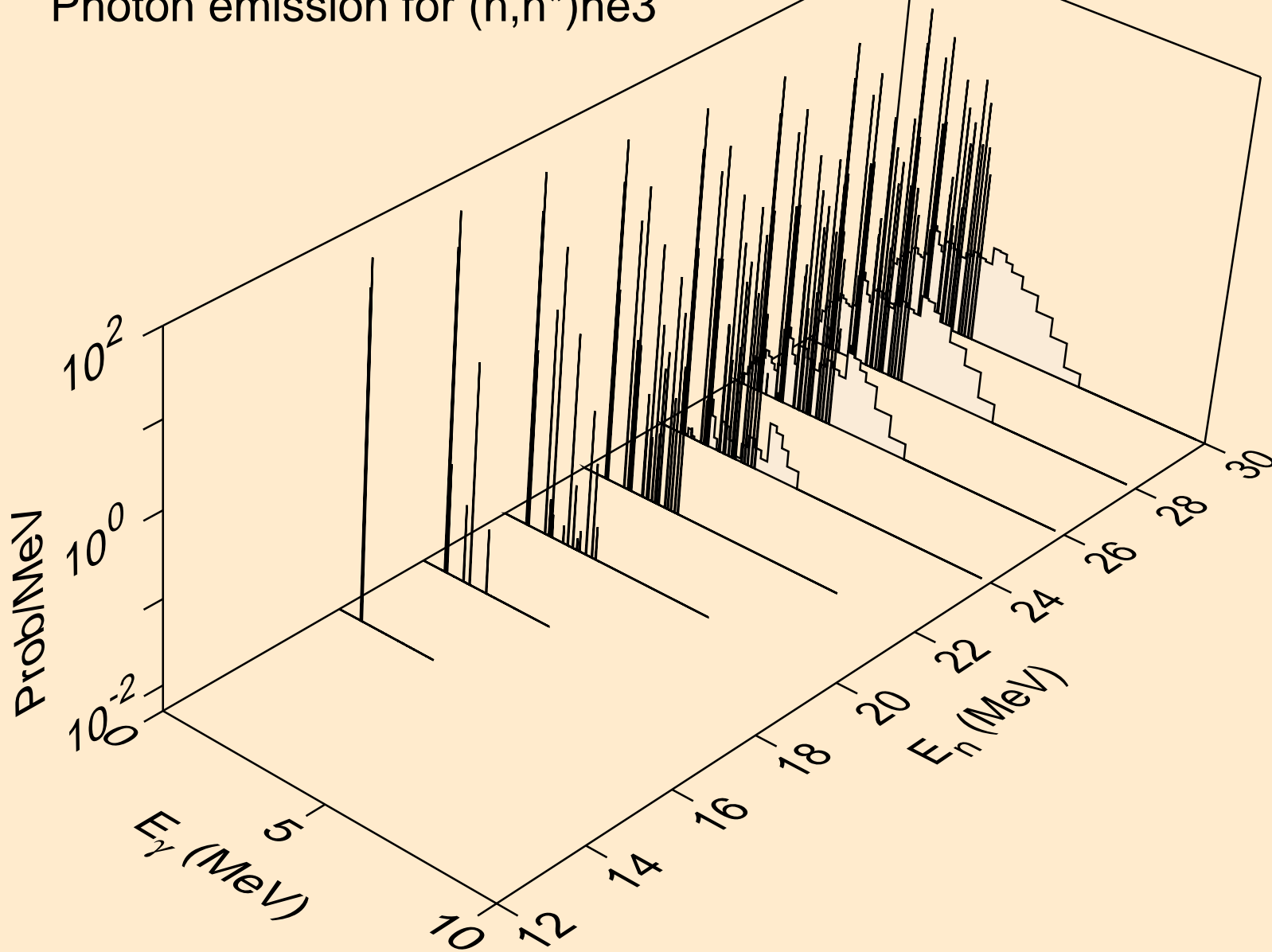
P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



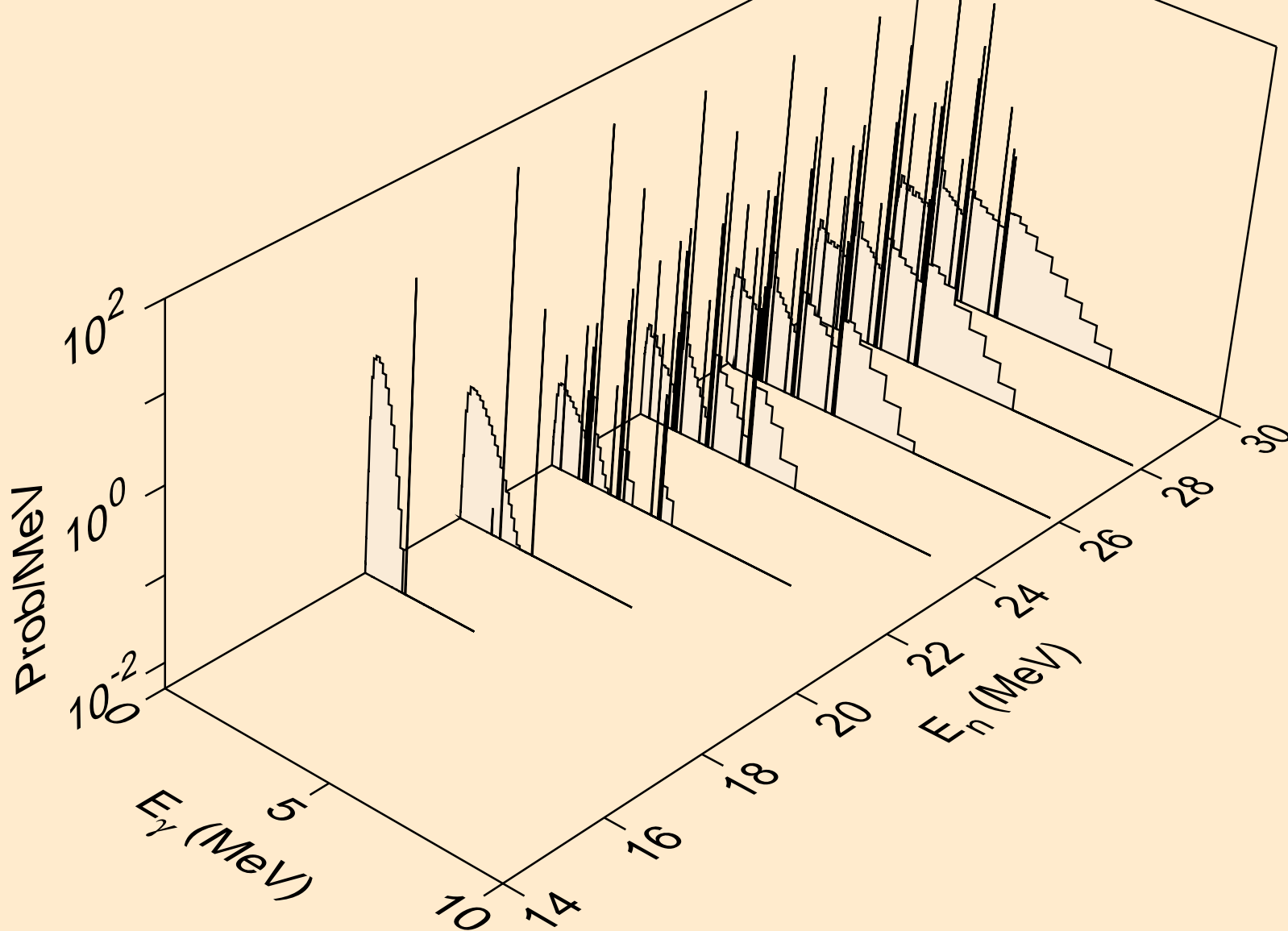
P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



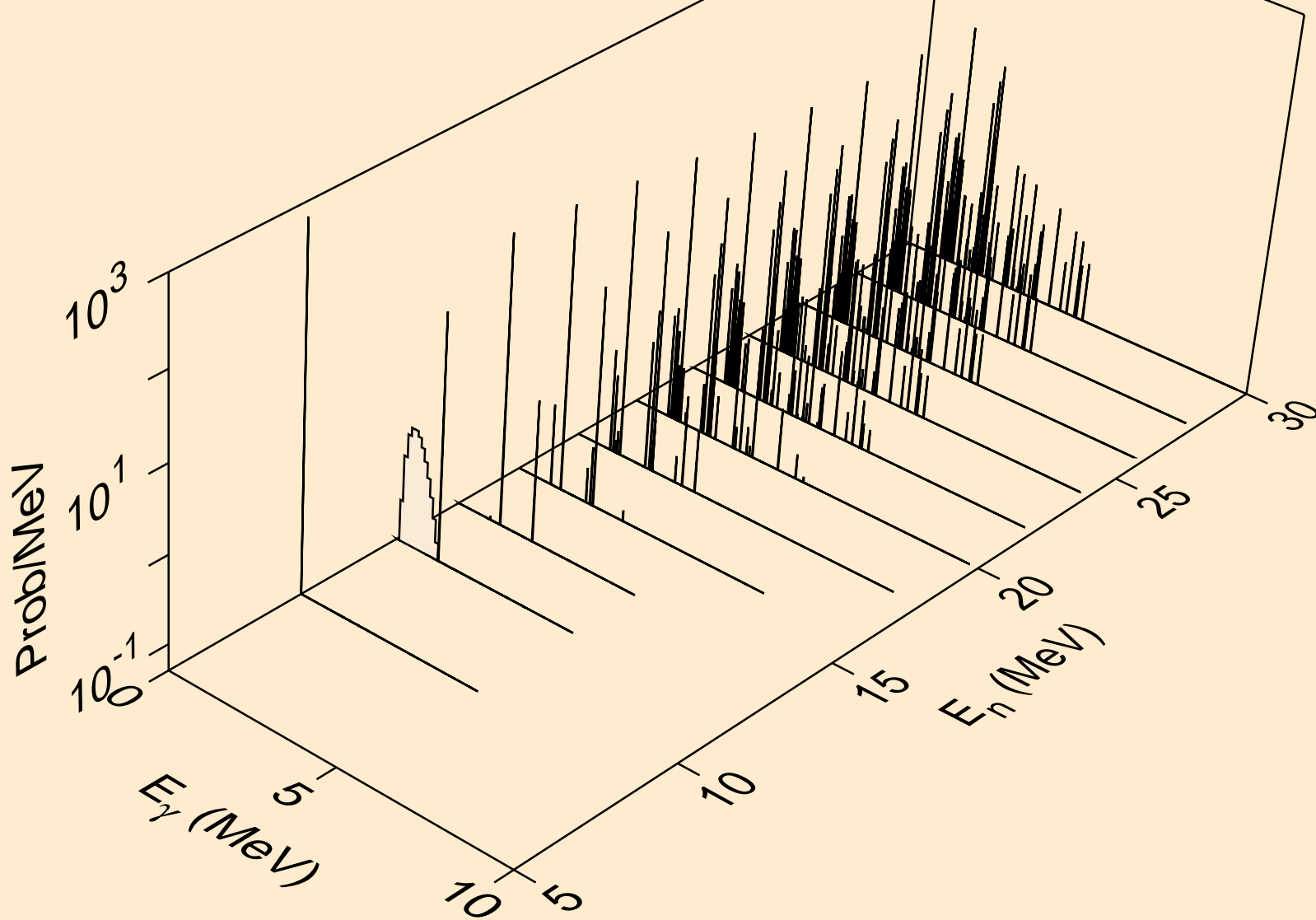
P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



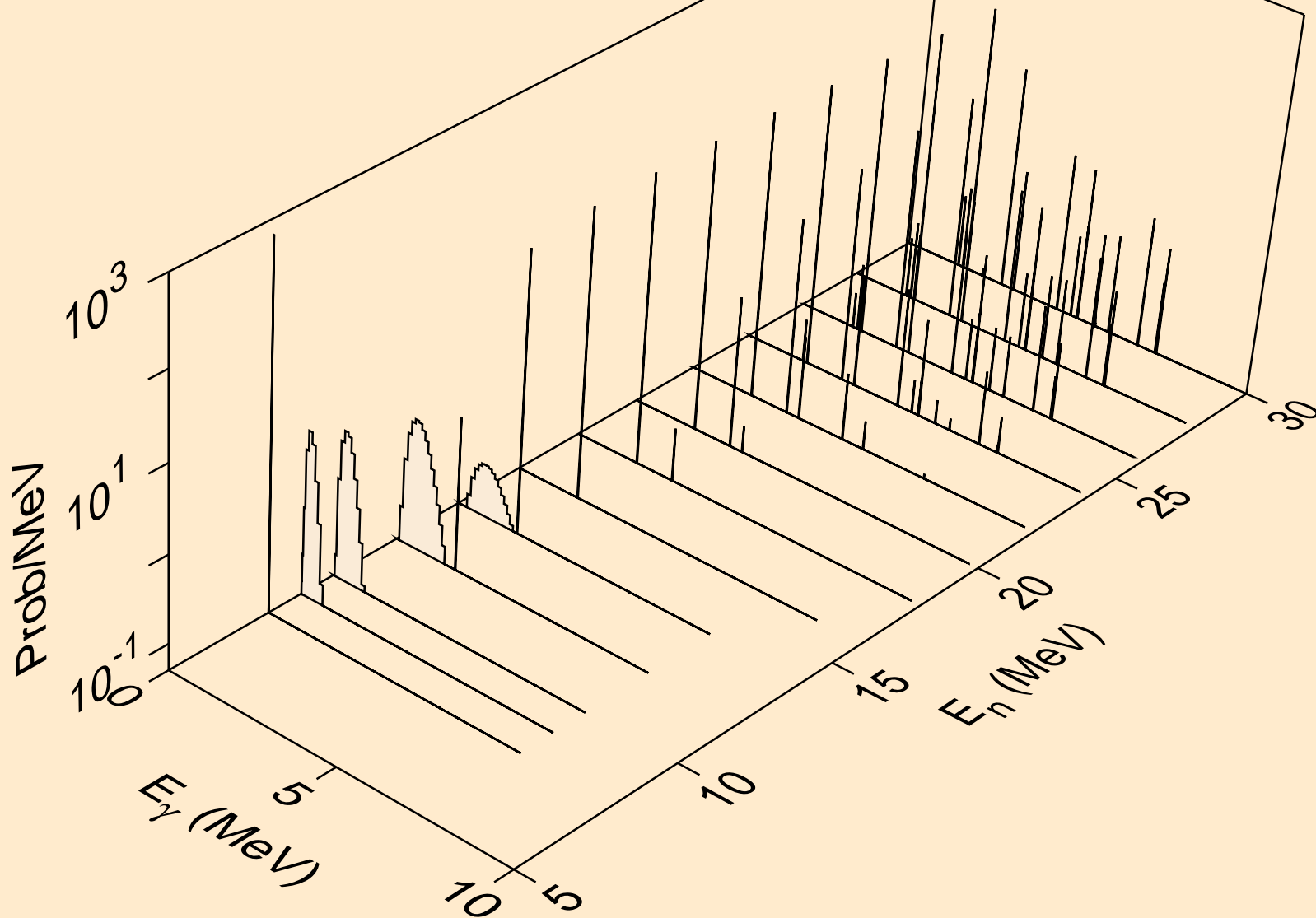
P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



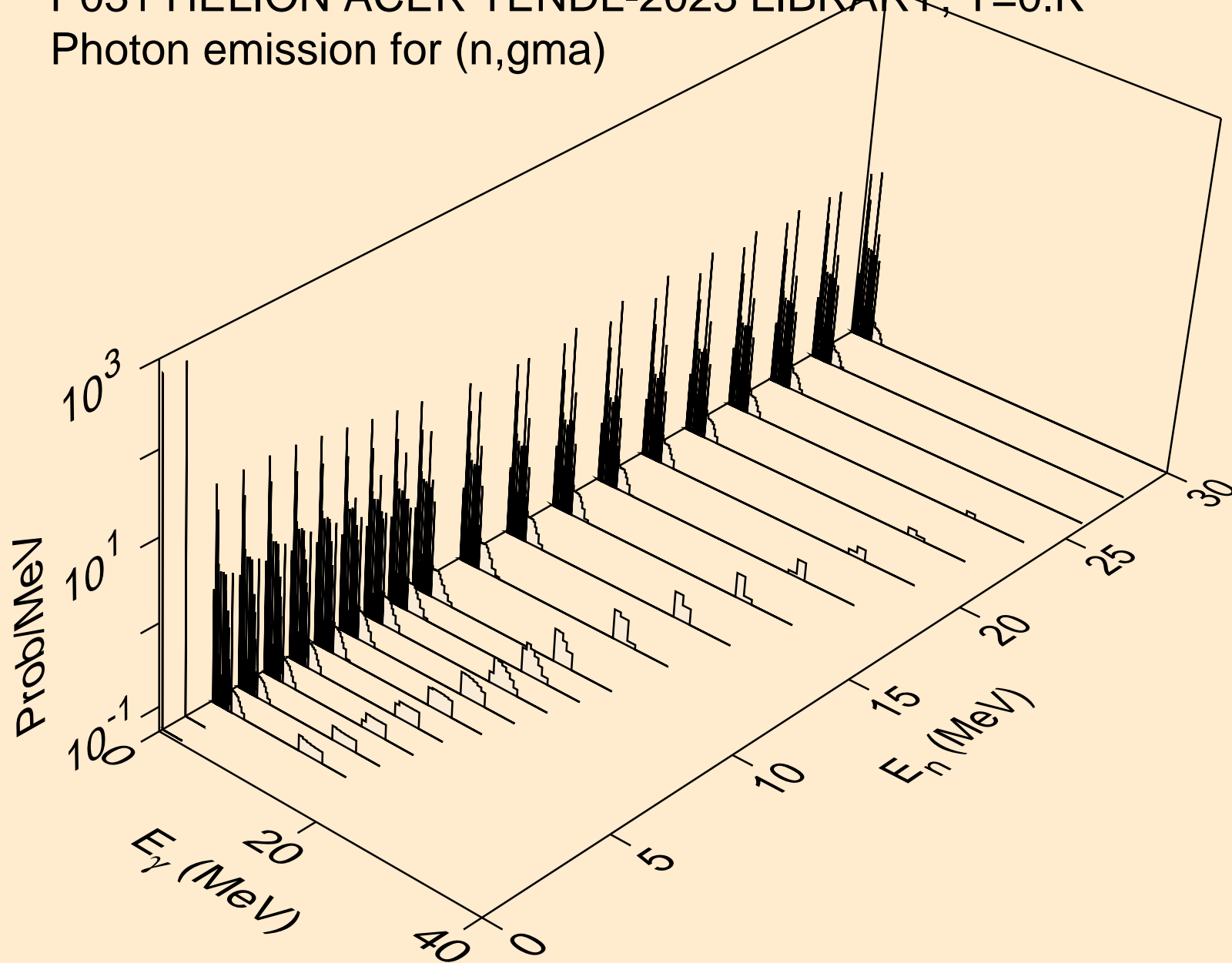
P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



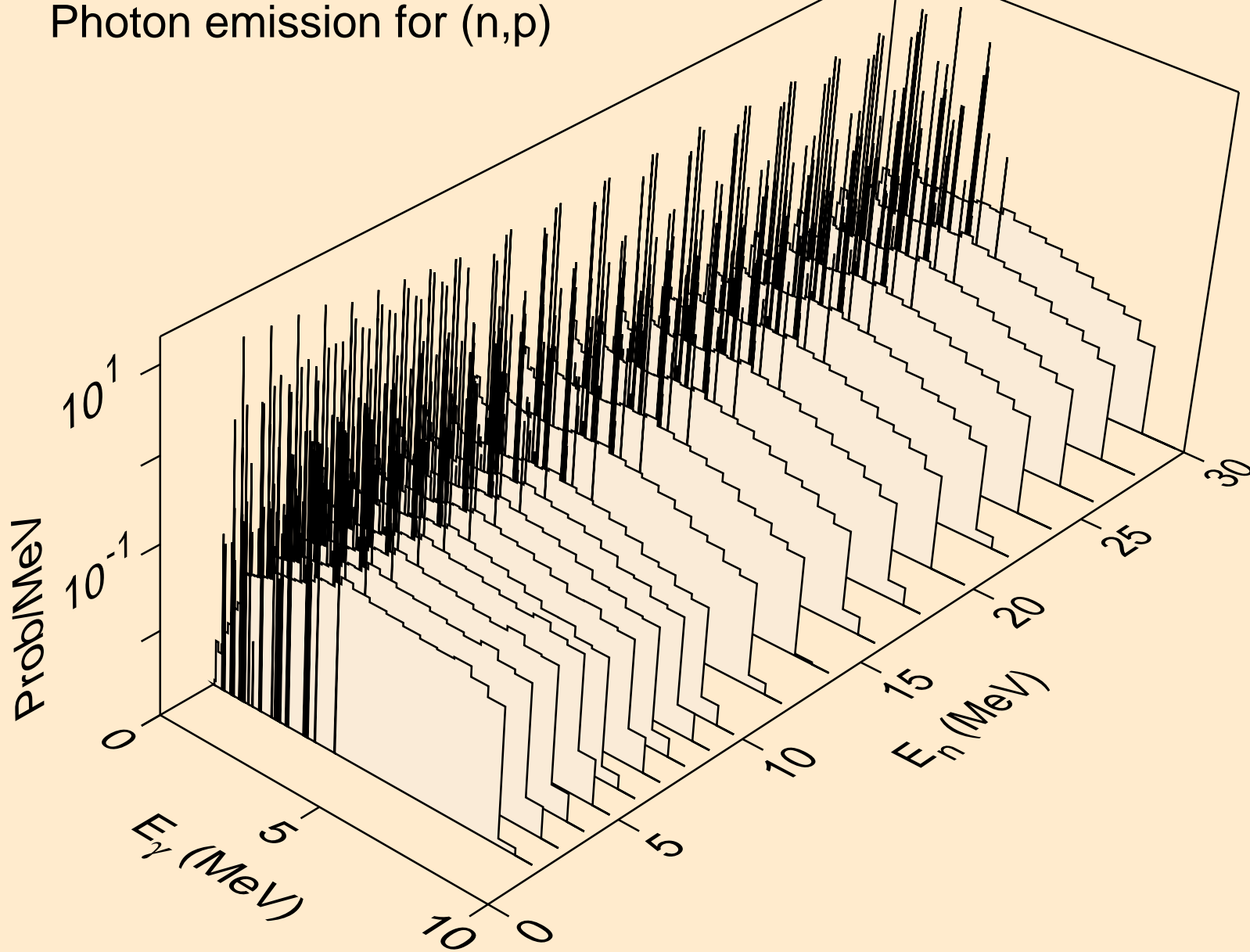
P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)

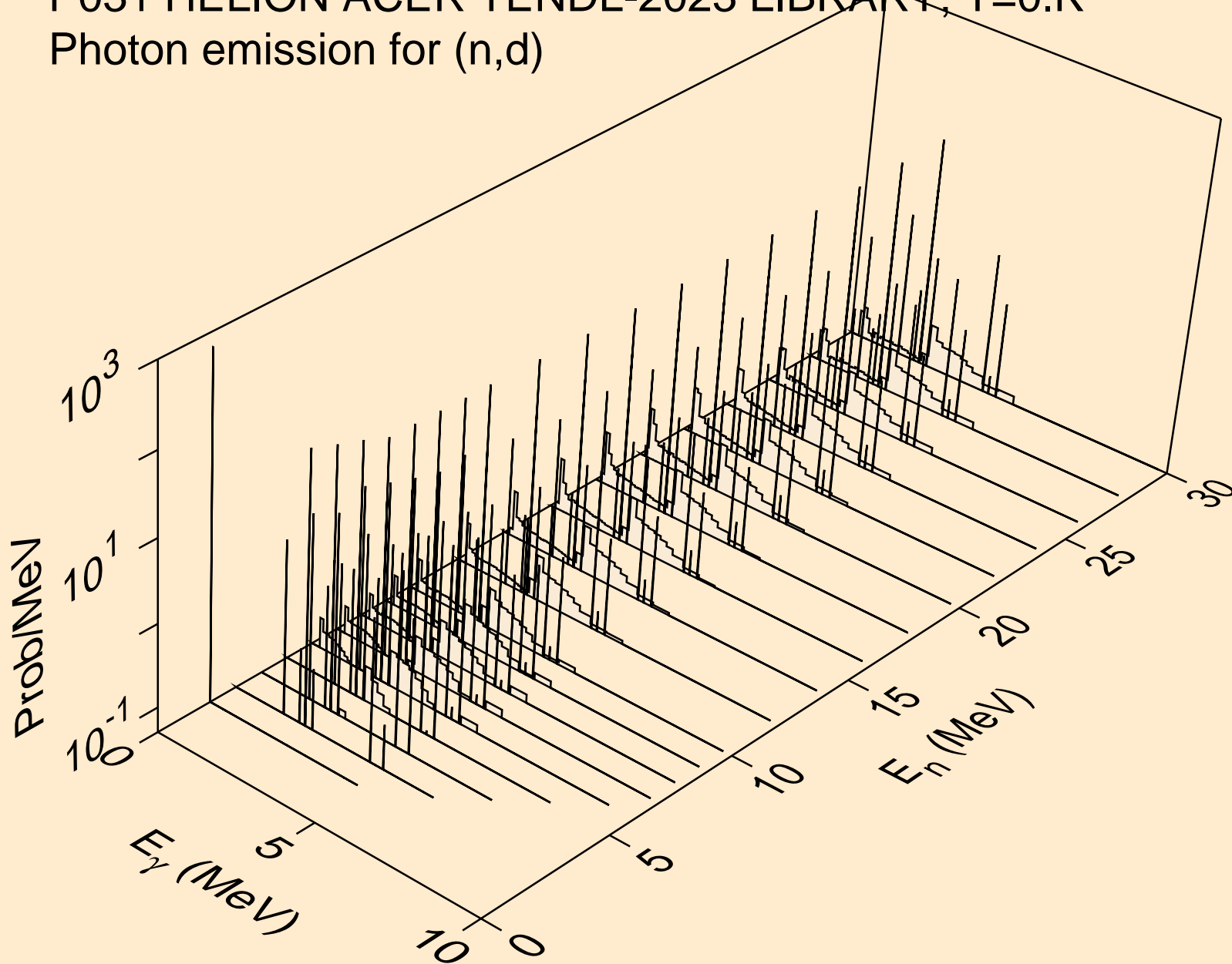


P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)

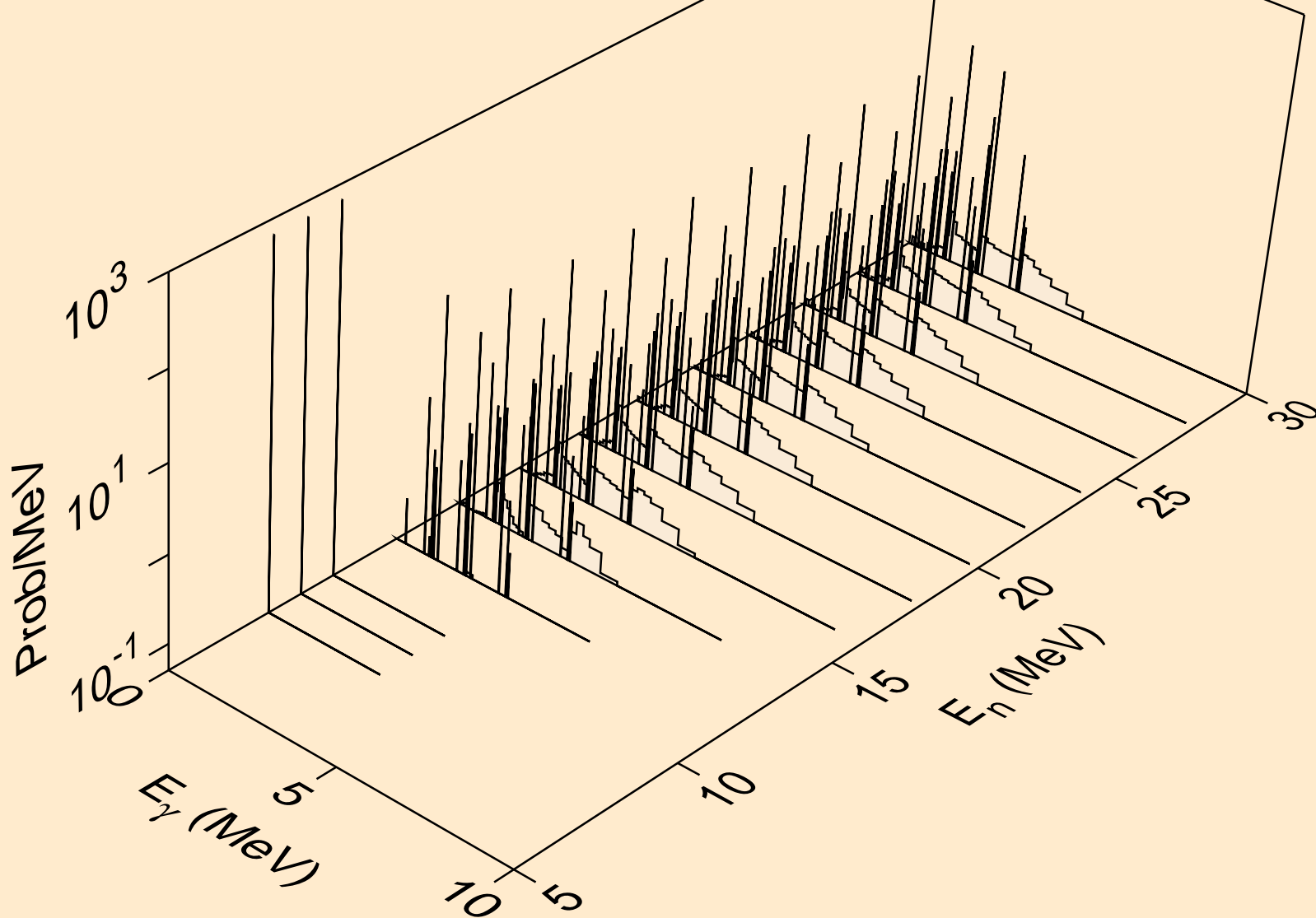




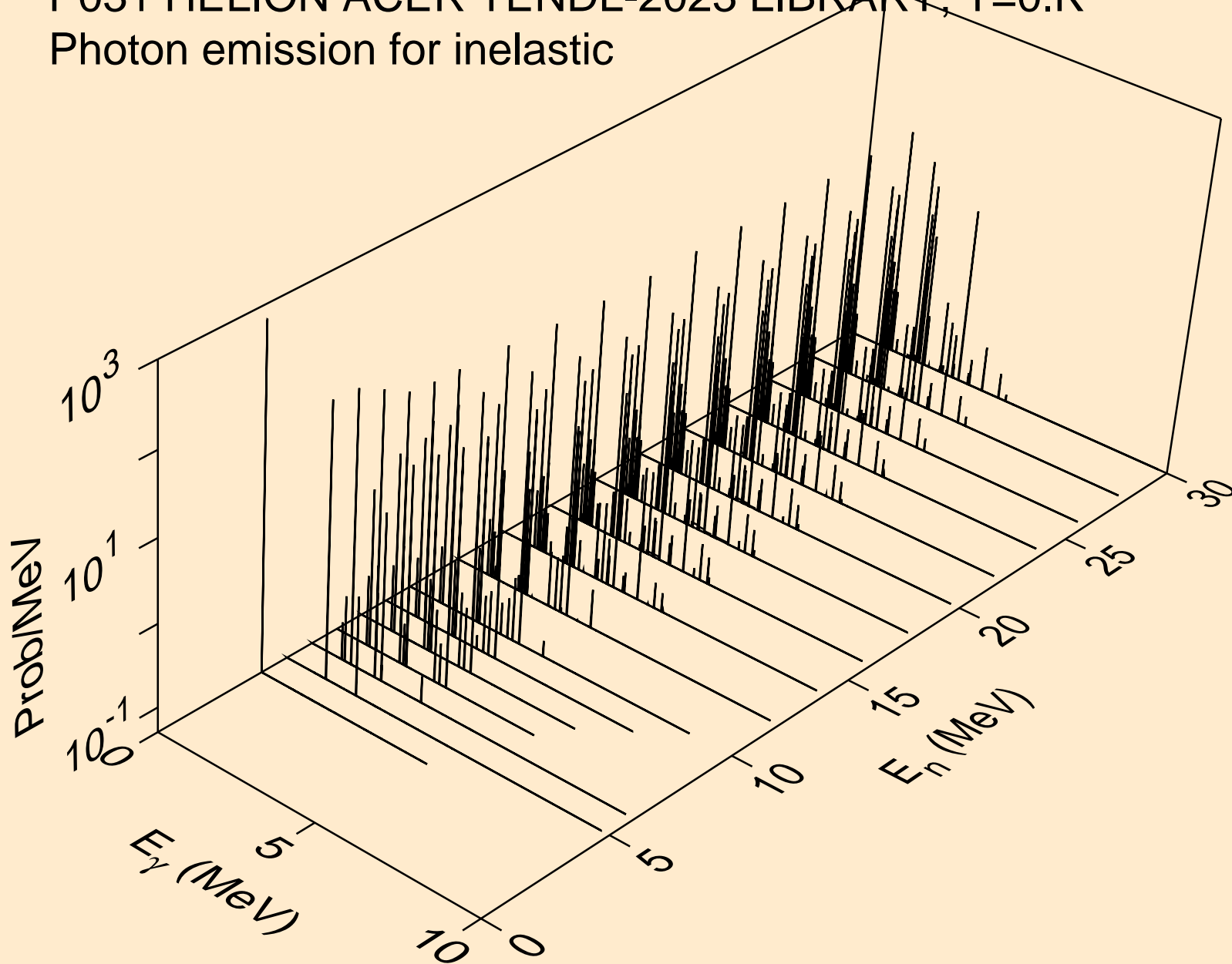
P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



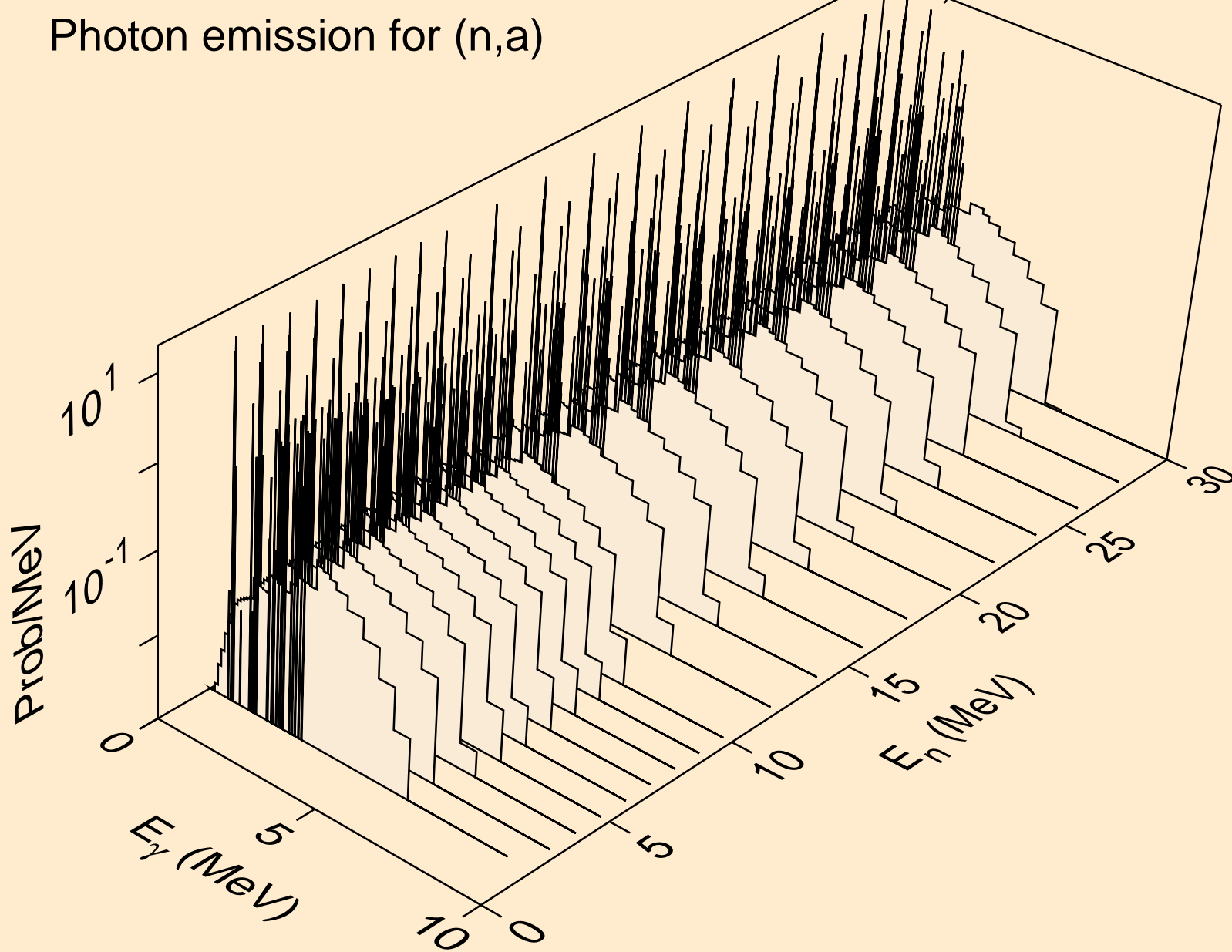
P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



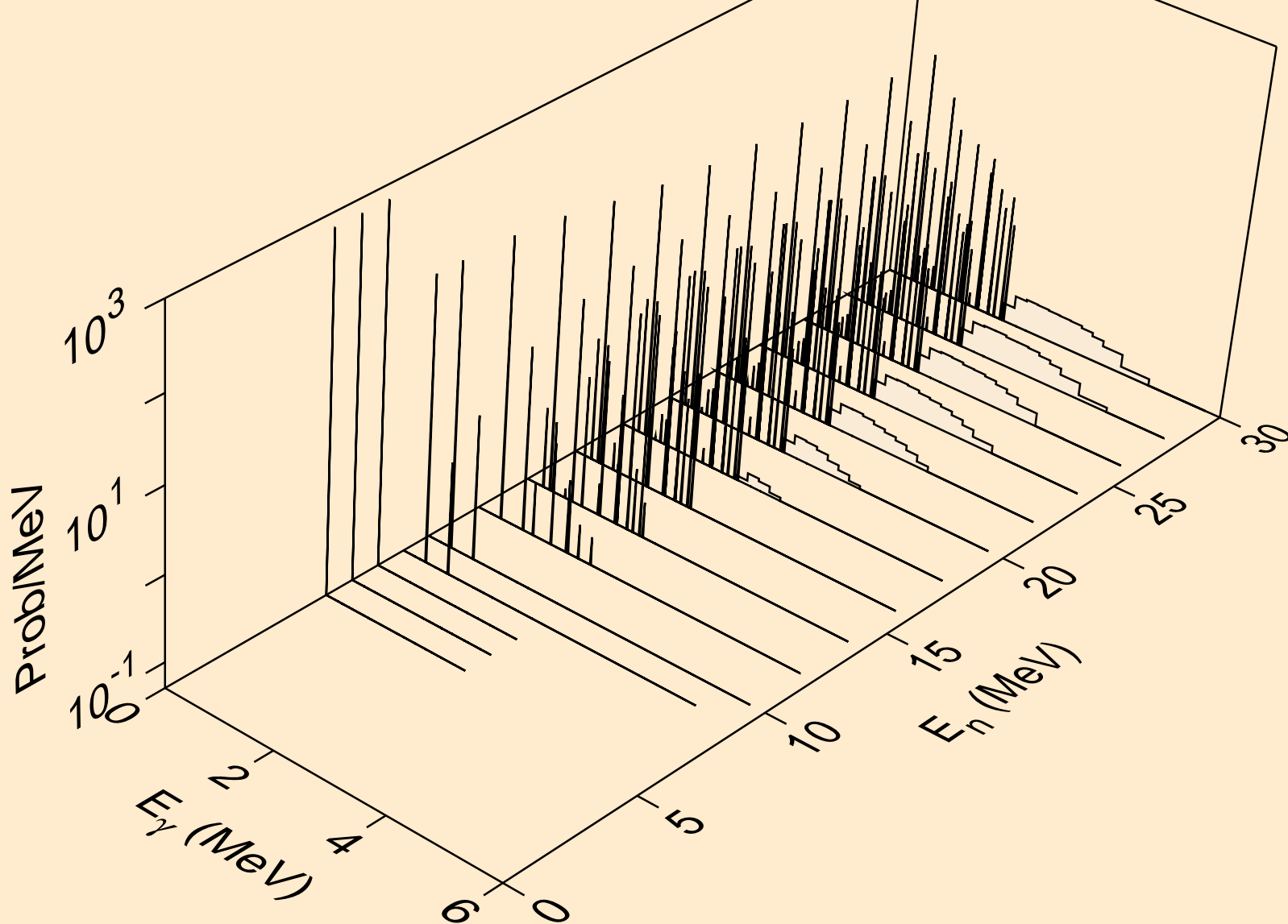
P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



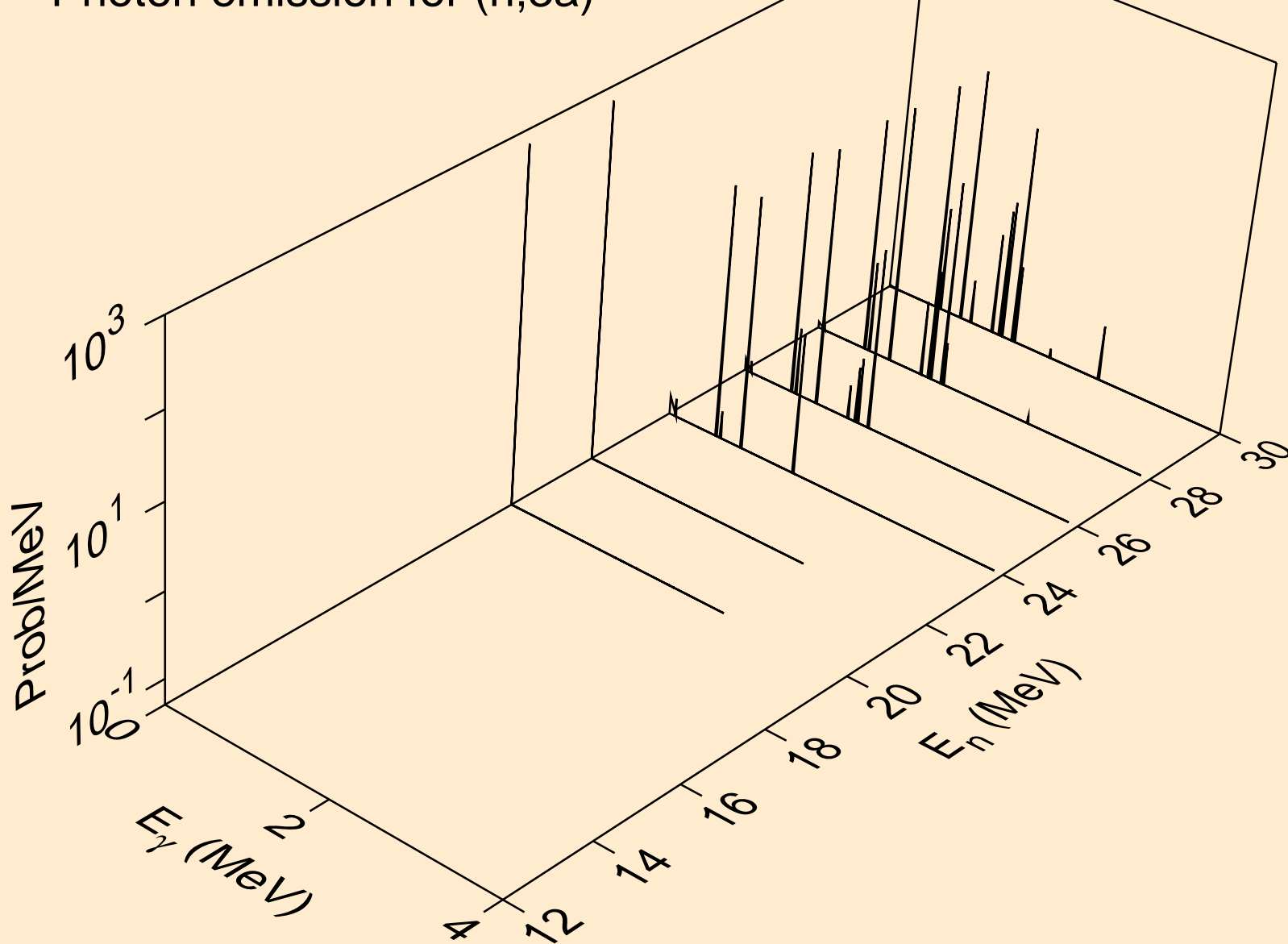
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Photon emission for (n,a)



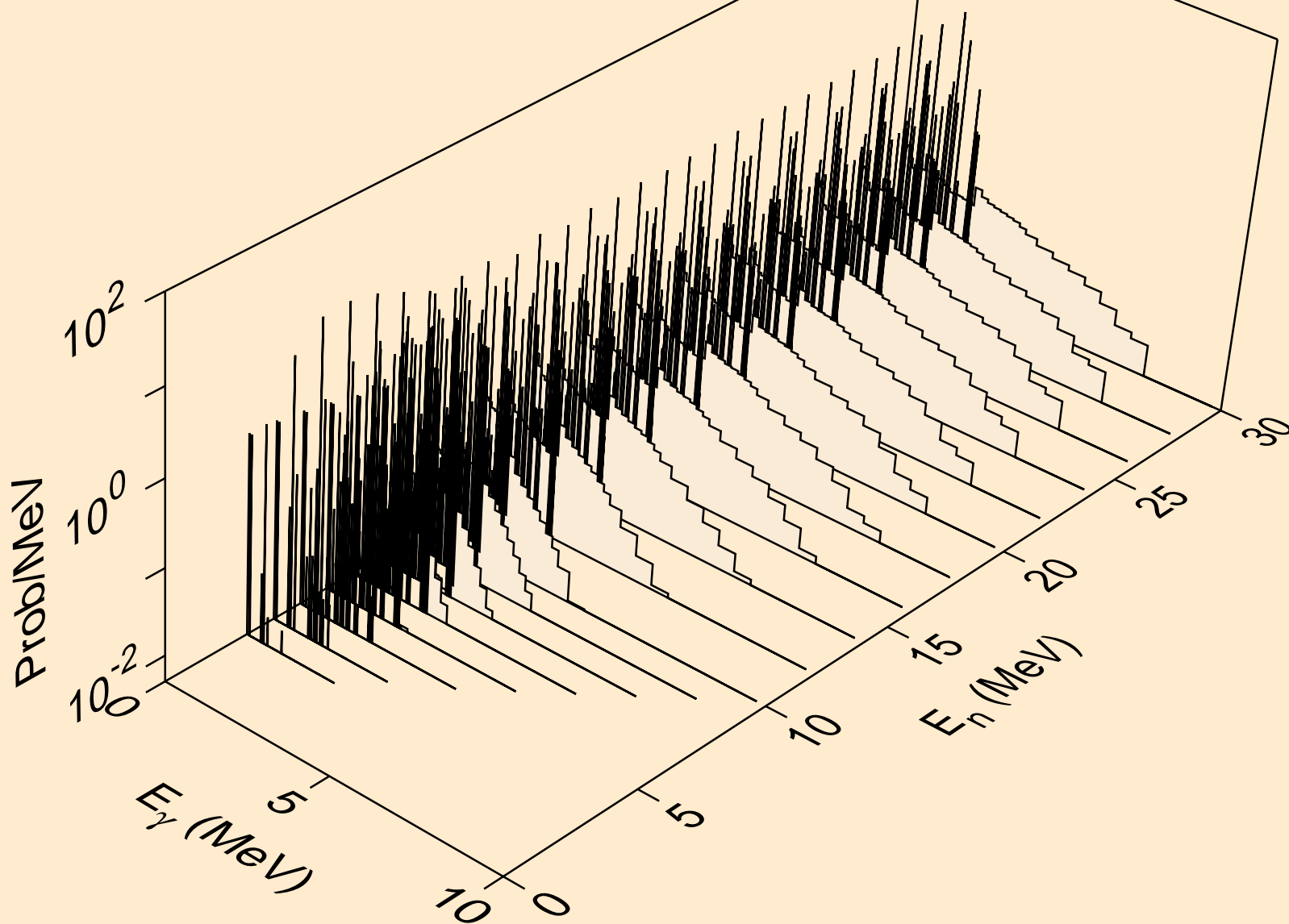
P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



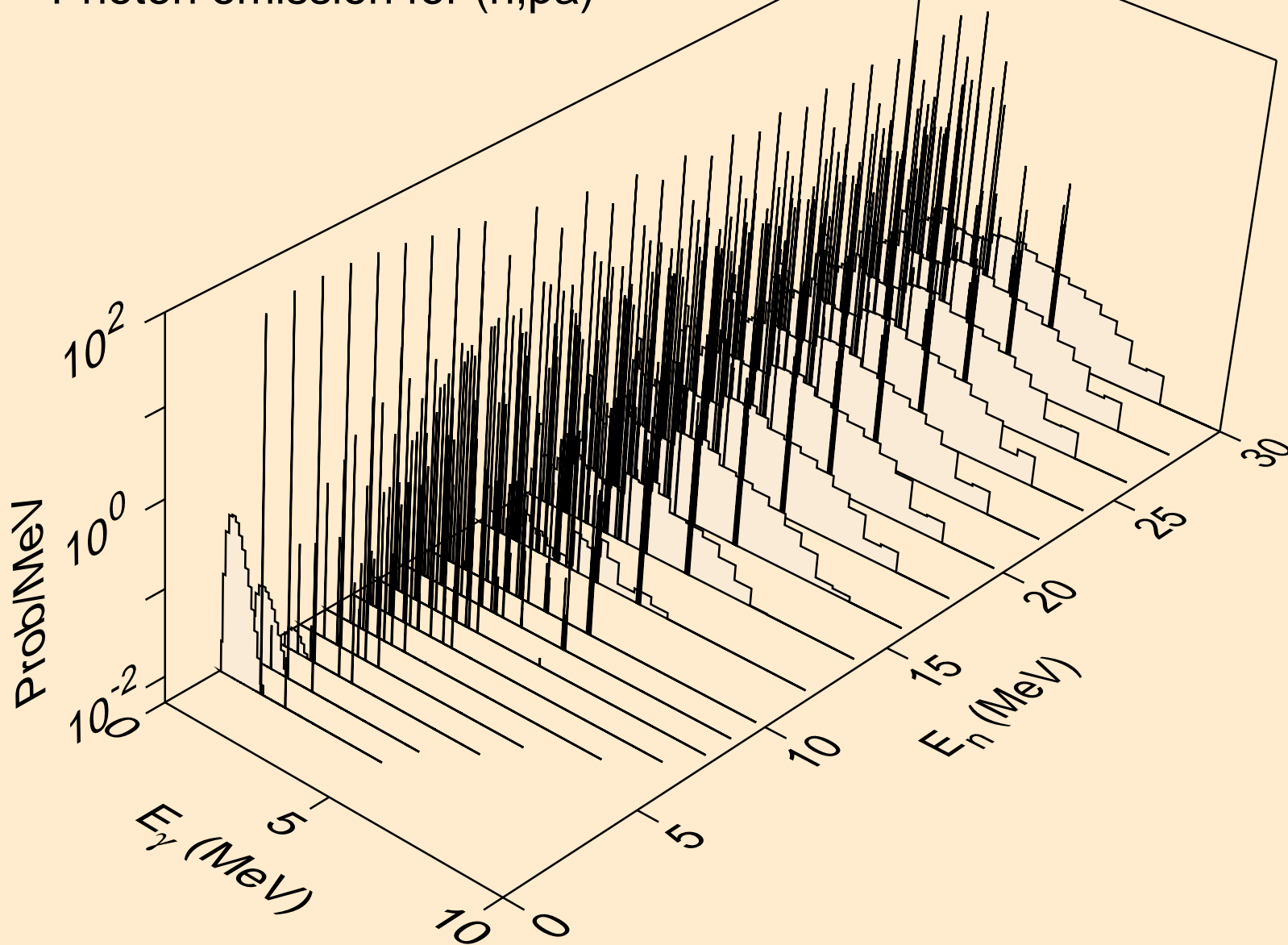
P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3a)



P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)

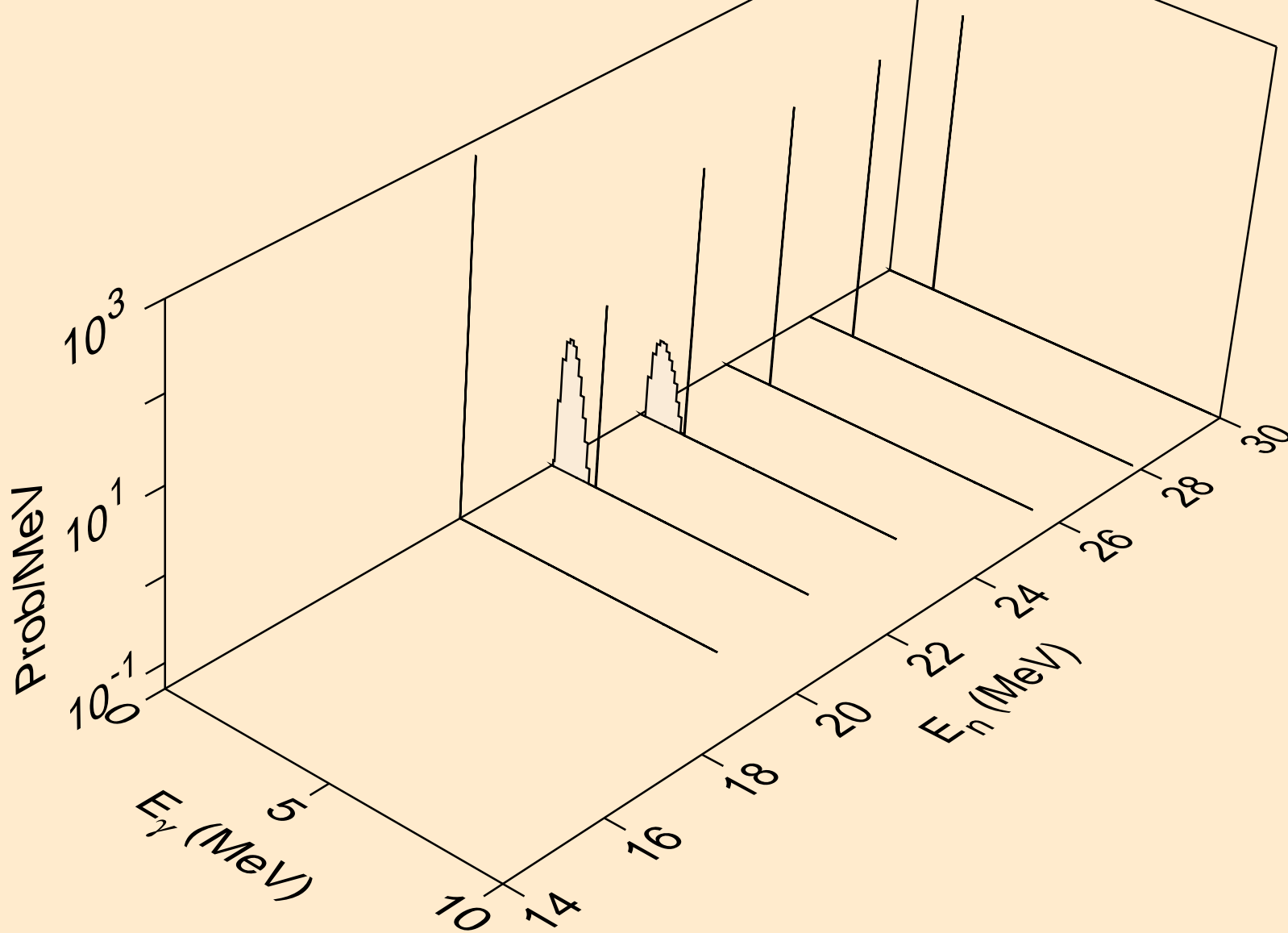


P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)

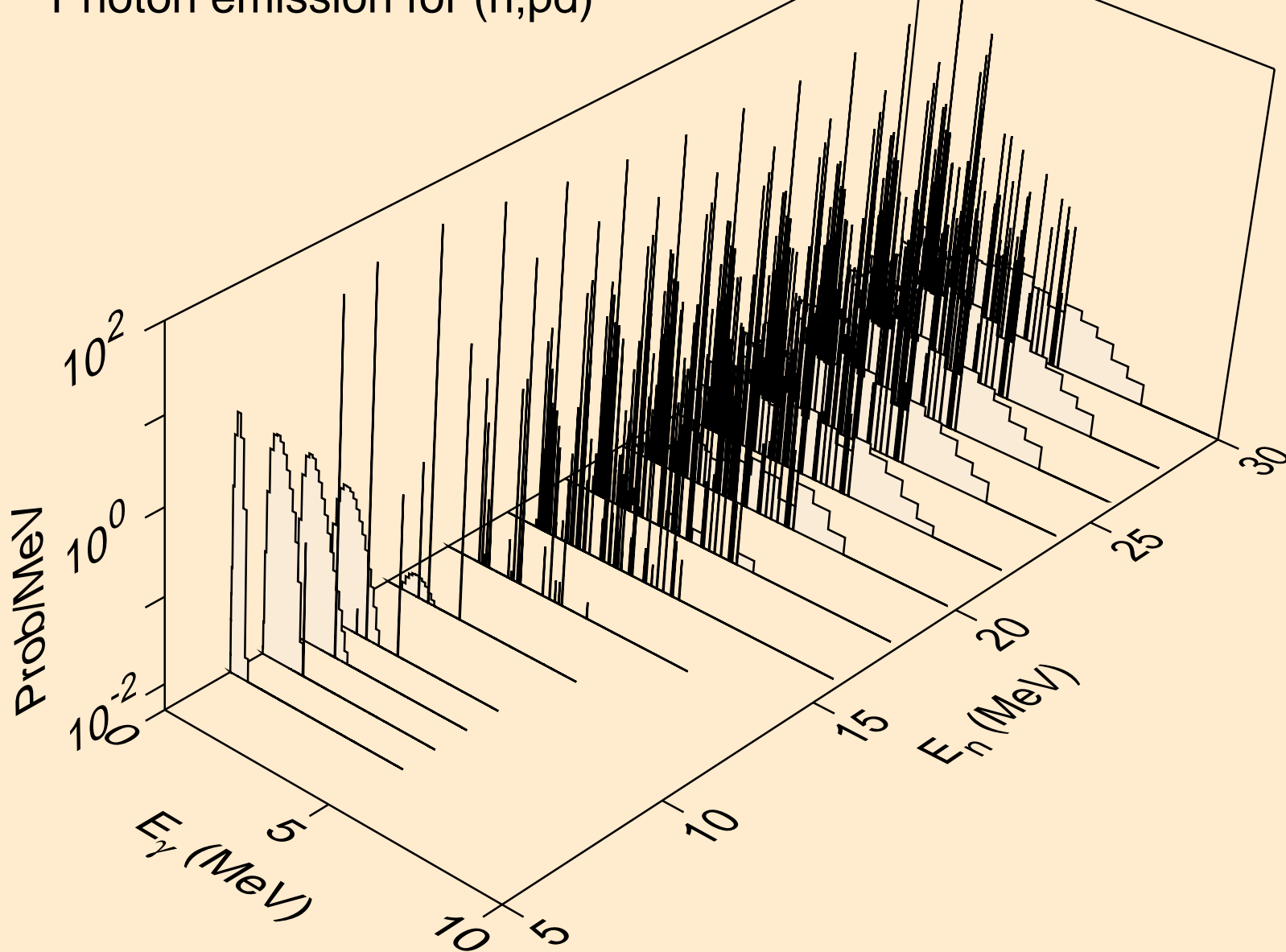




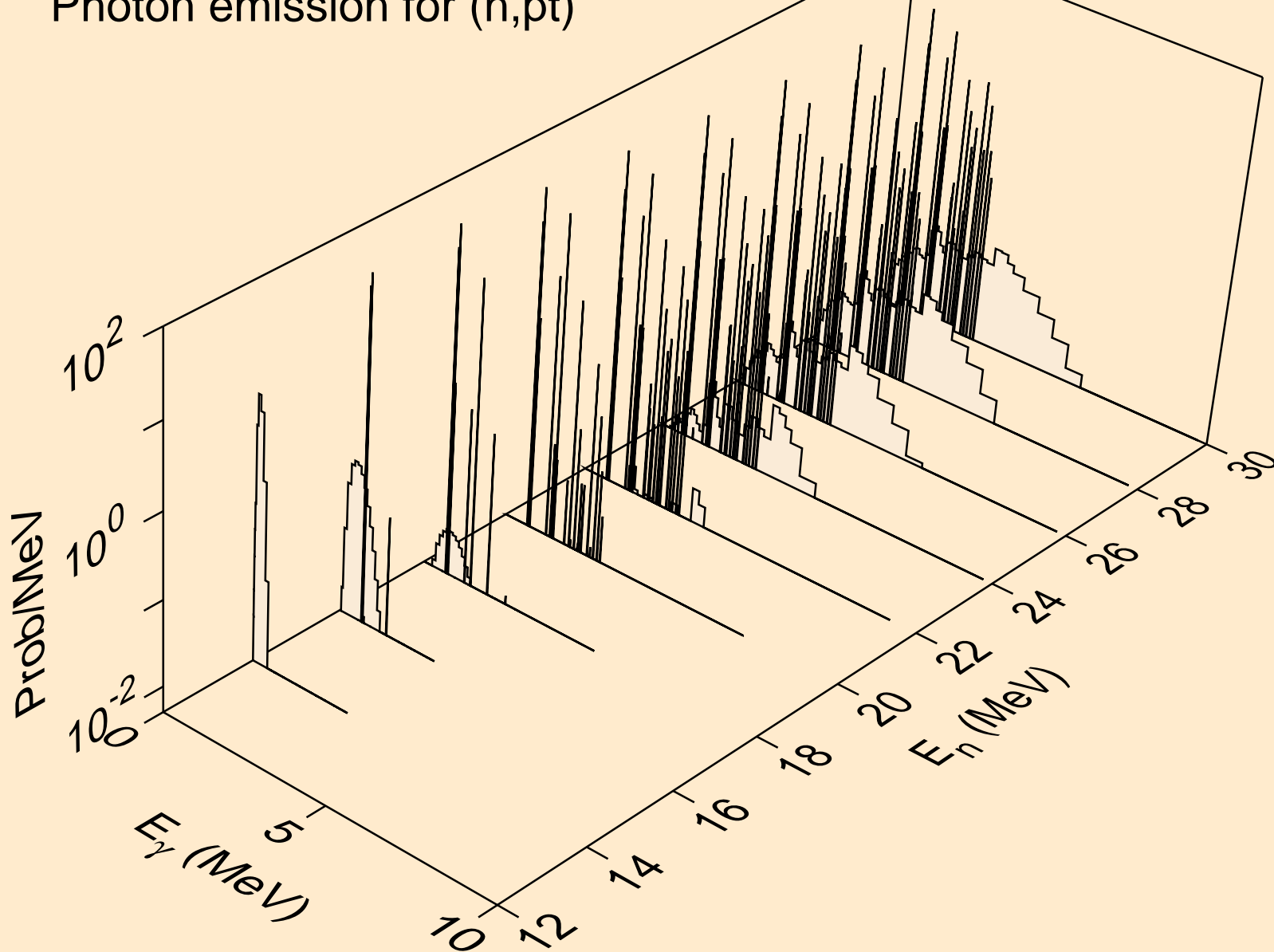
P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d2a)



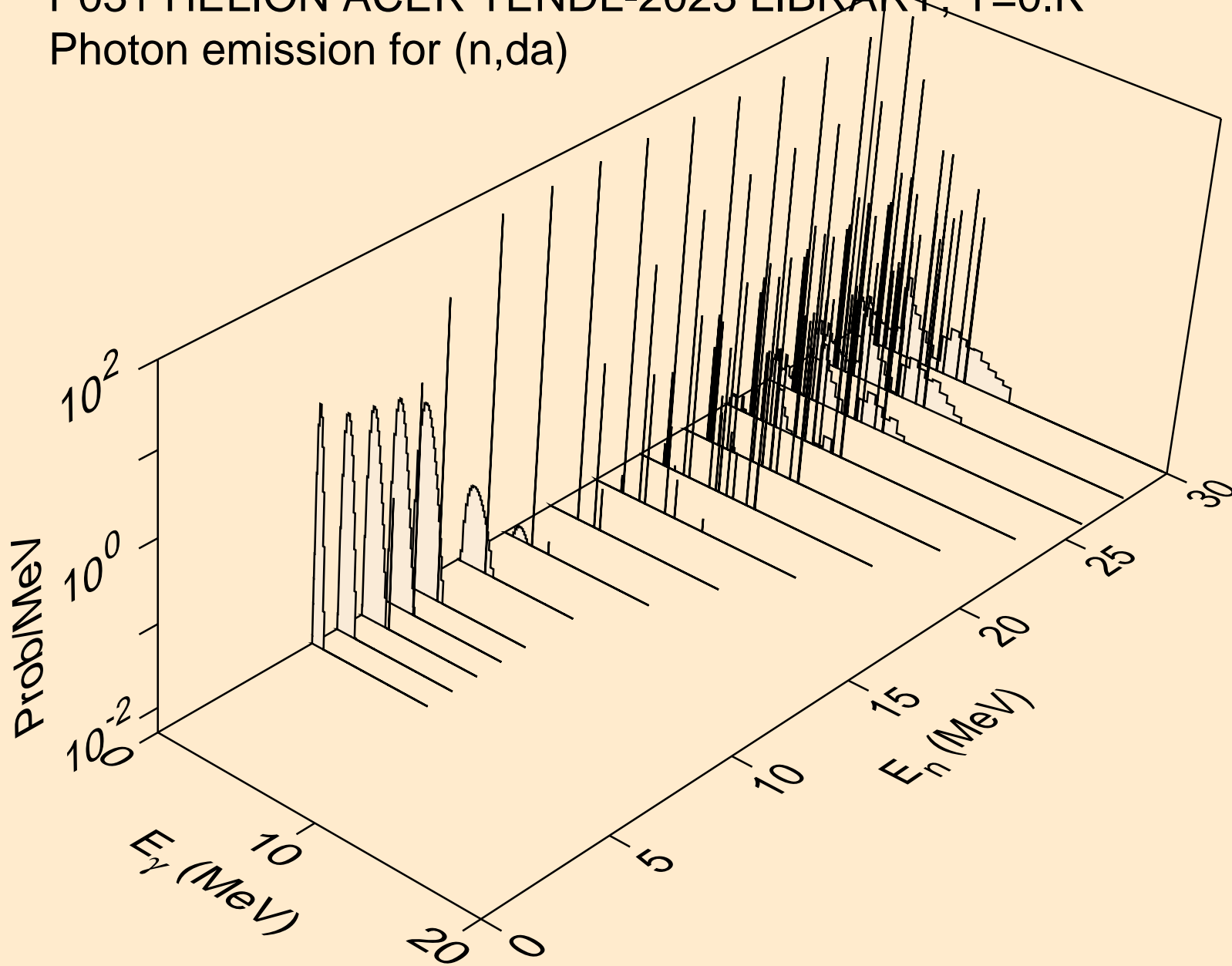
P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



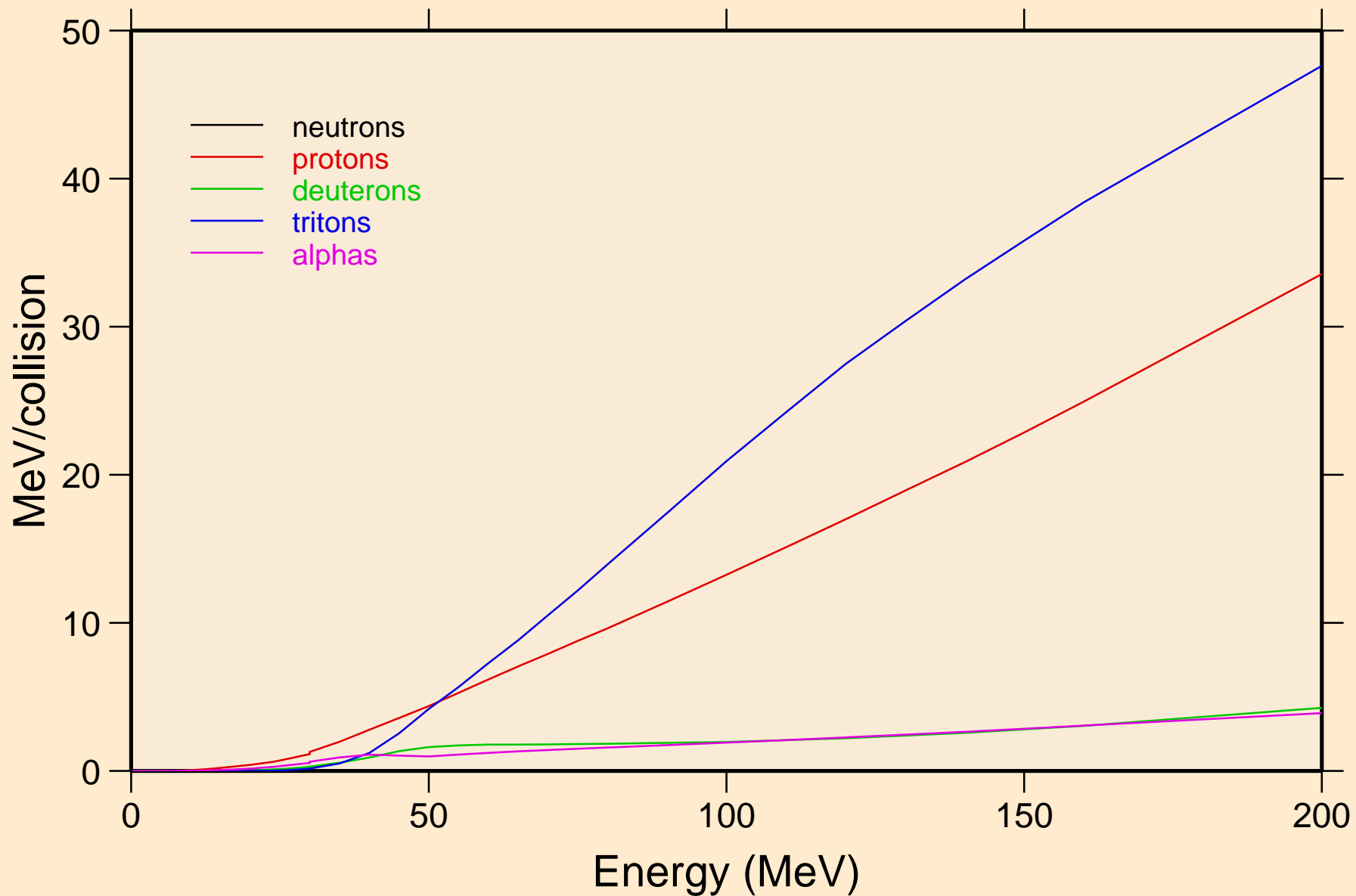
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Photon emission for (n,pt)



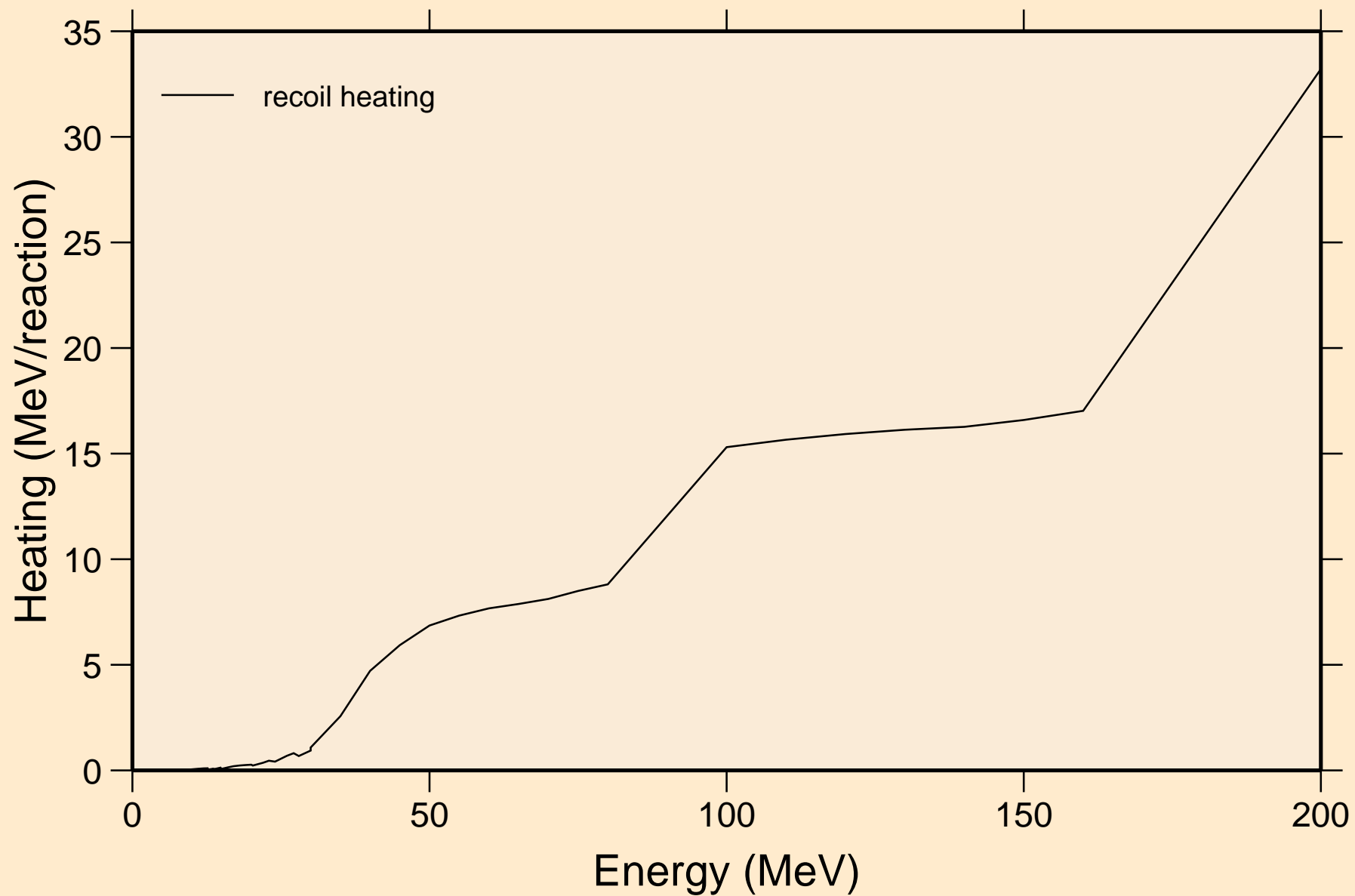
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Photon emission for (n,da)



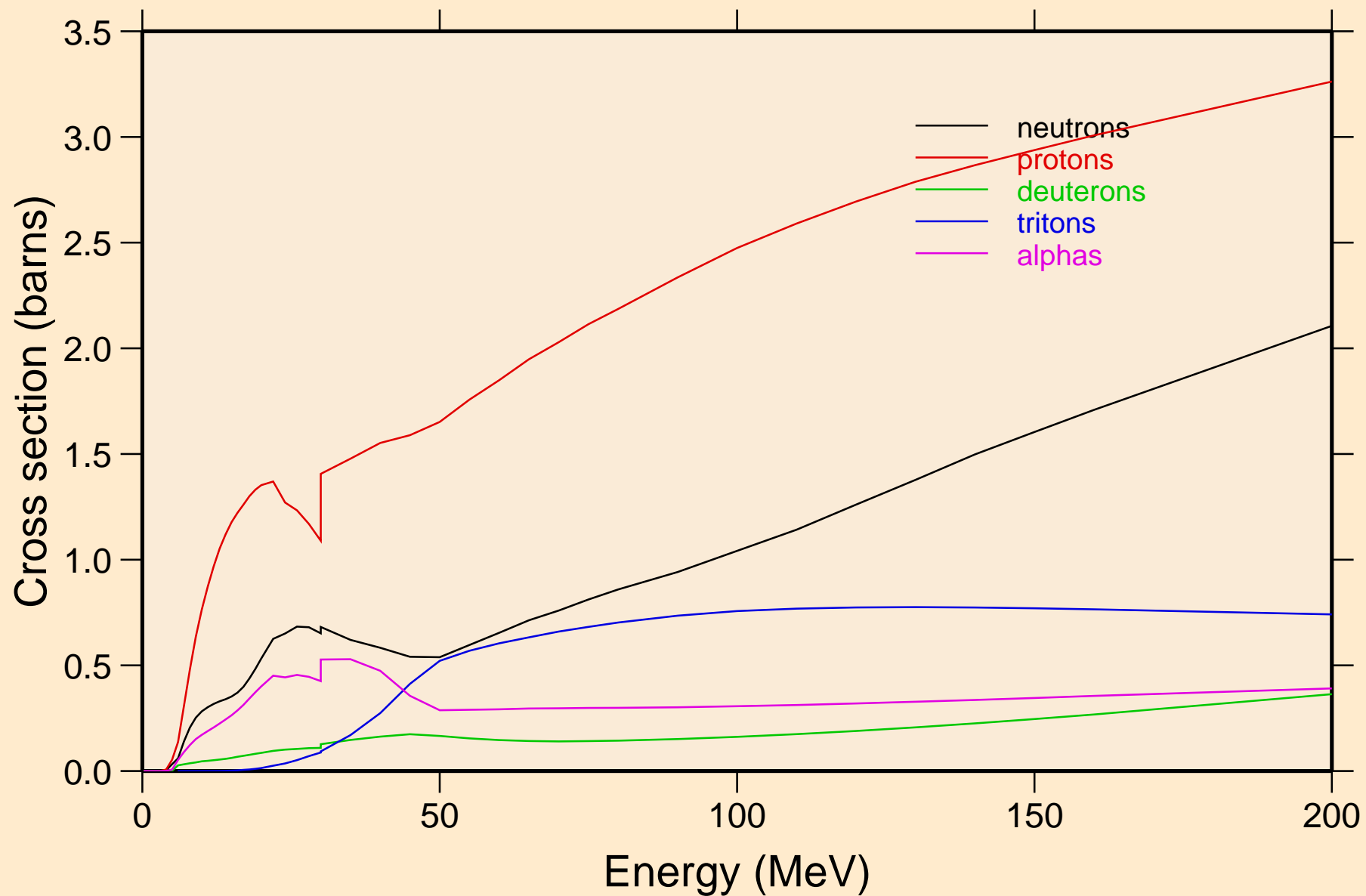
P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



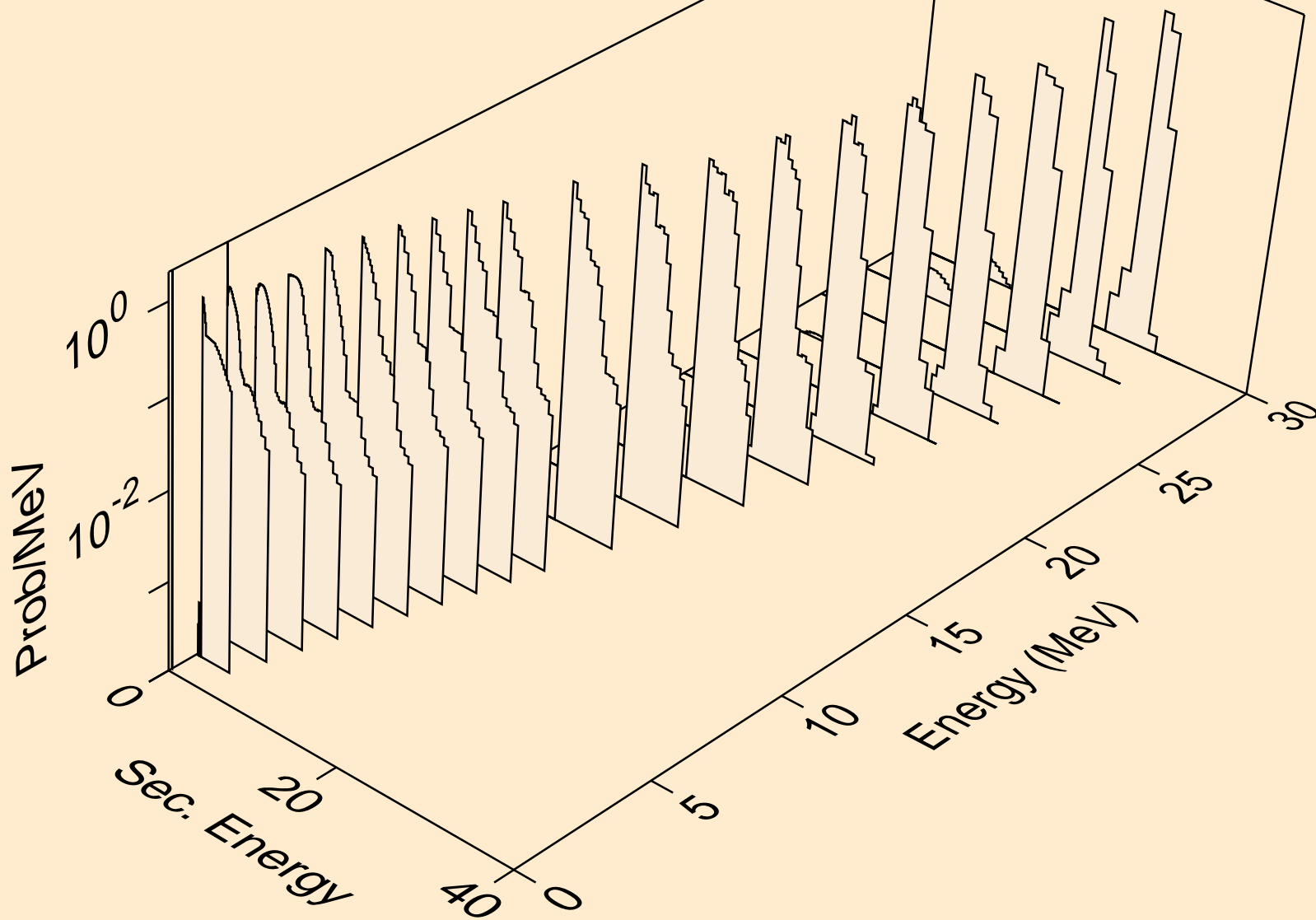
P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections

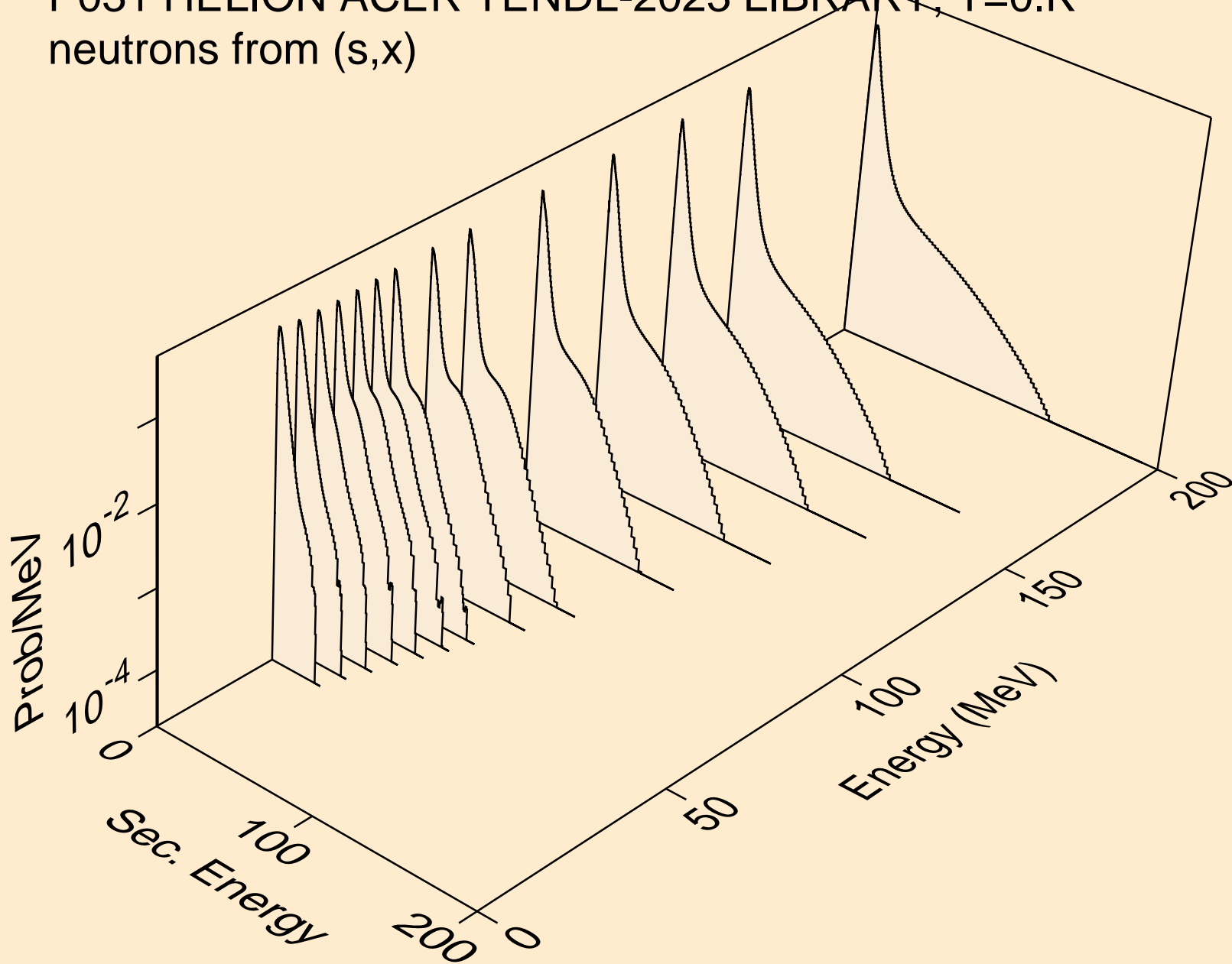


P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n)

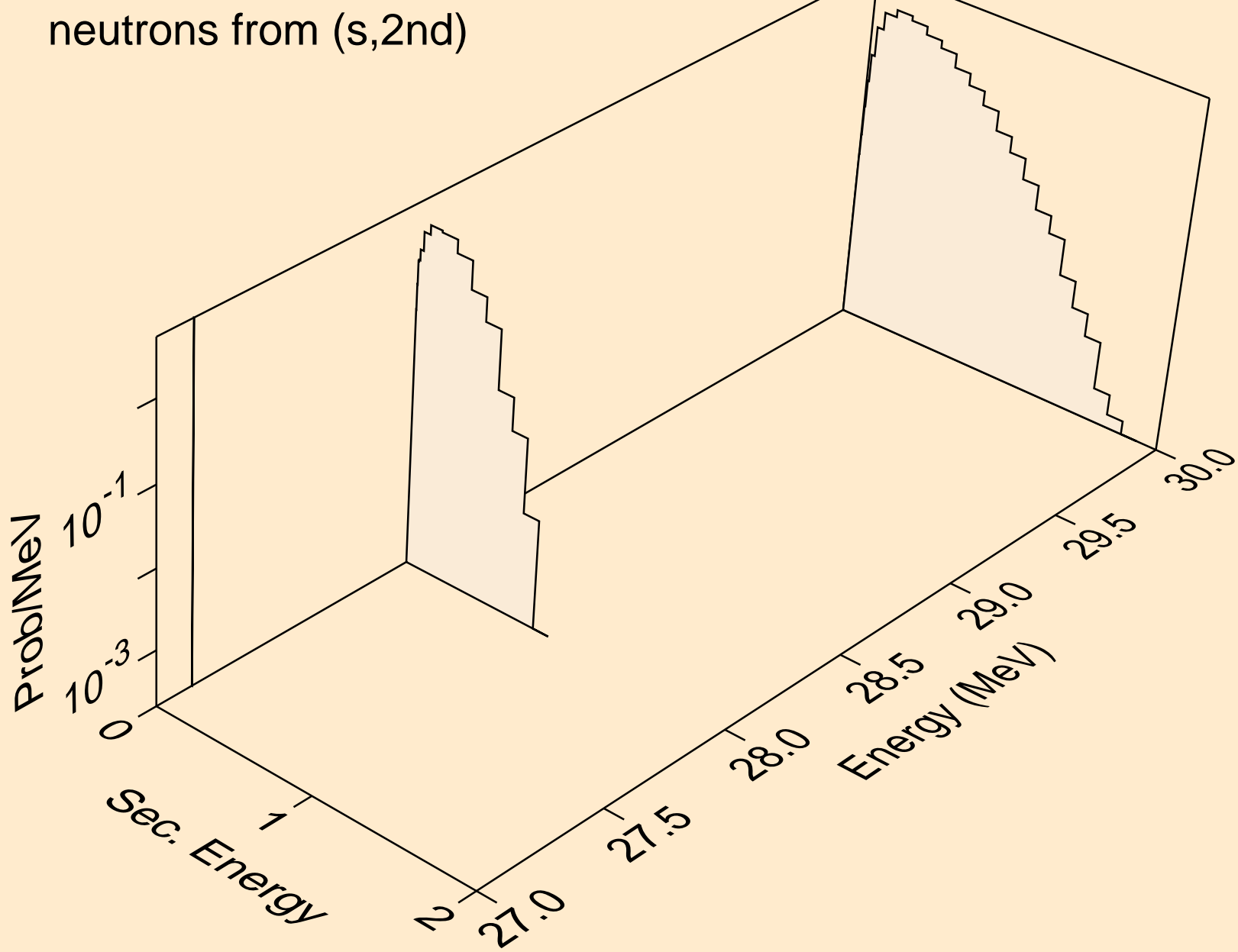




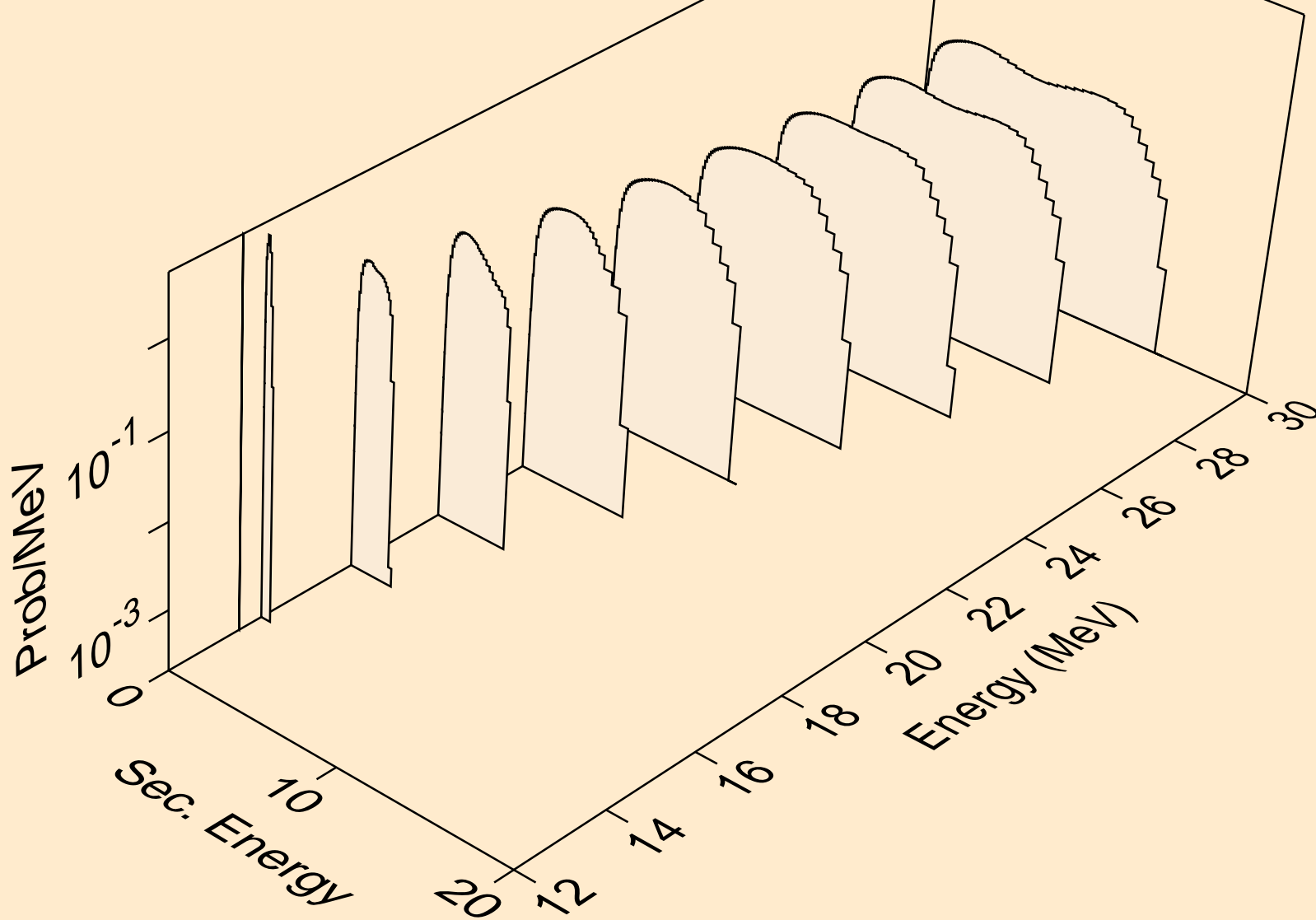
P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,x)



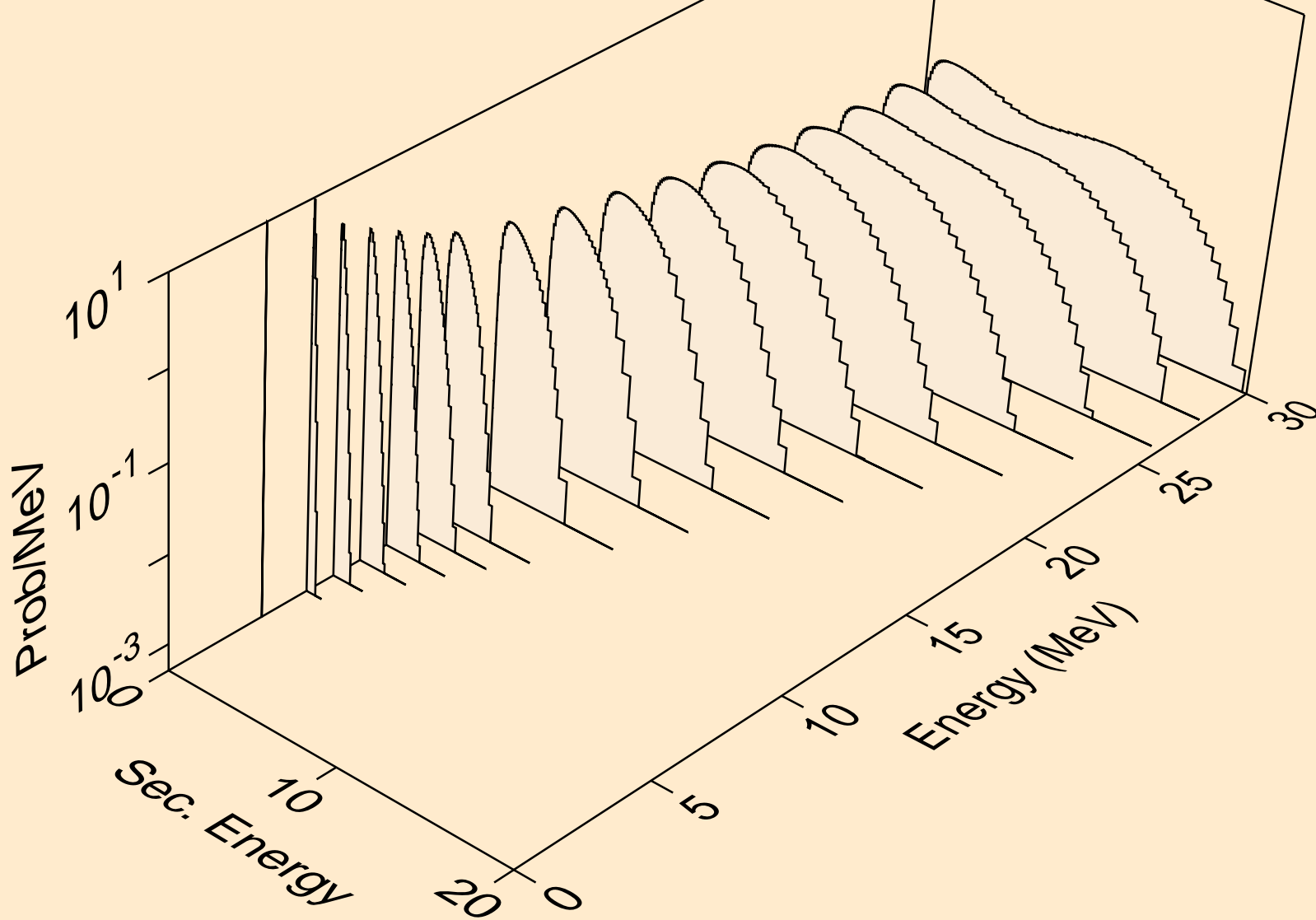
P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2nd)



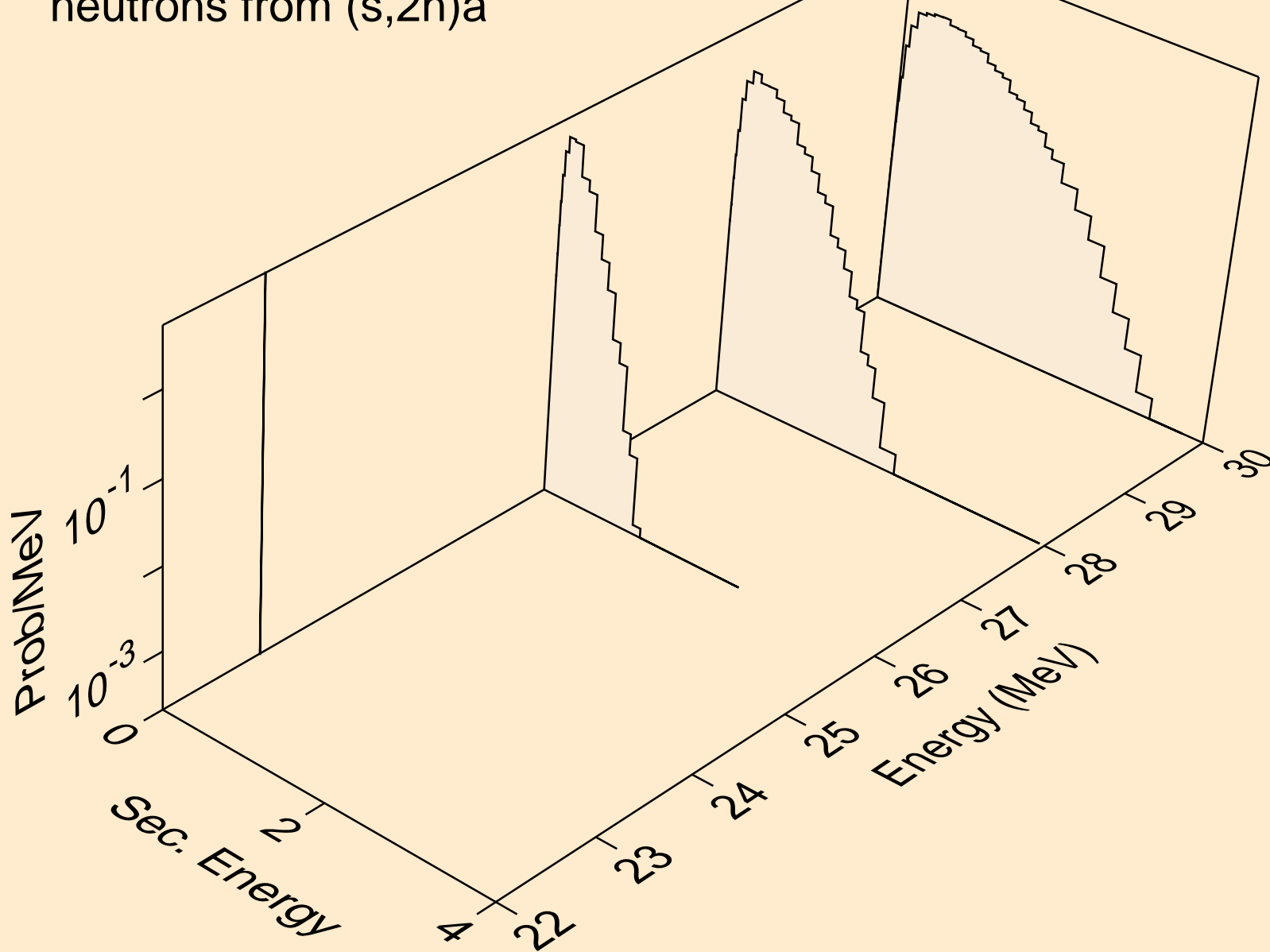
P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)



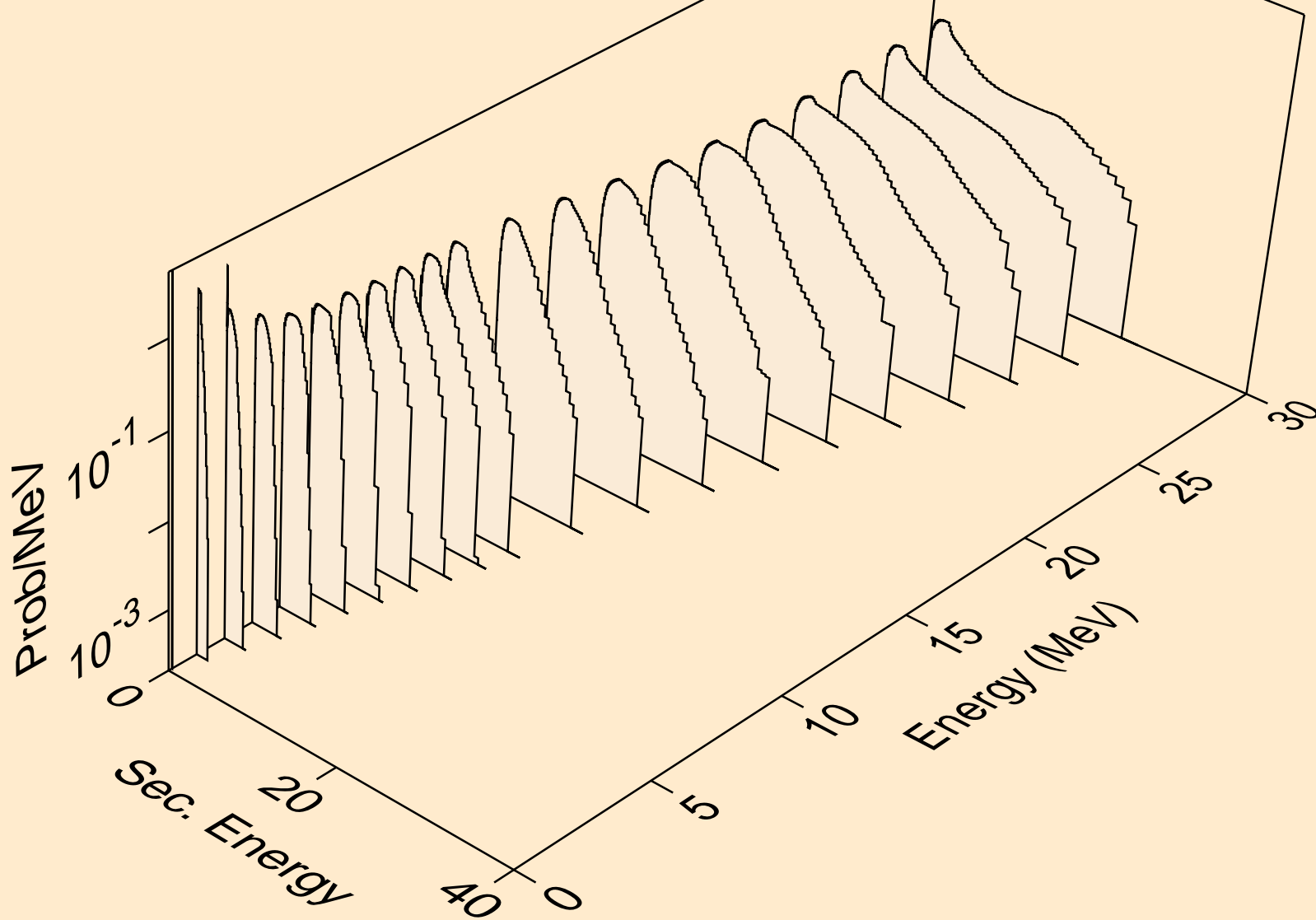
P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)a



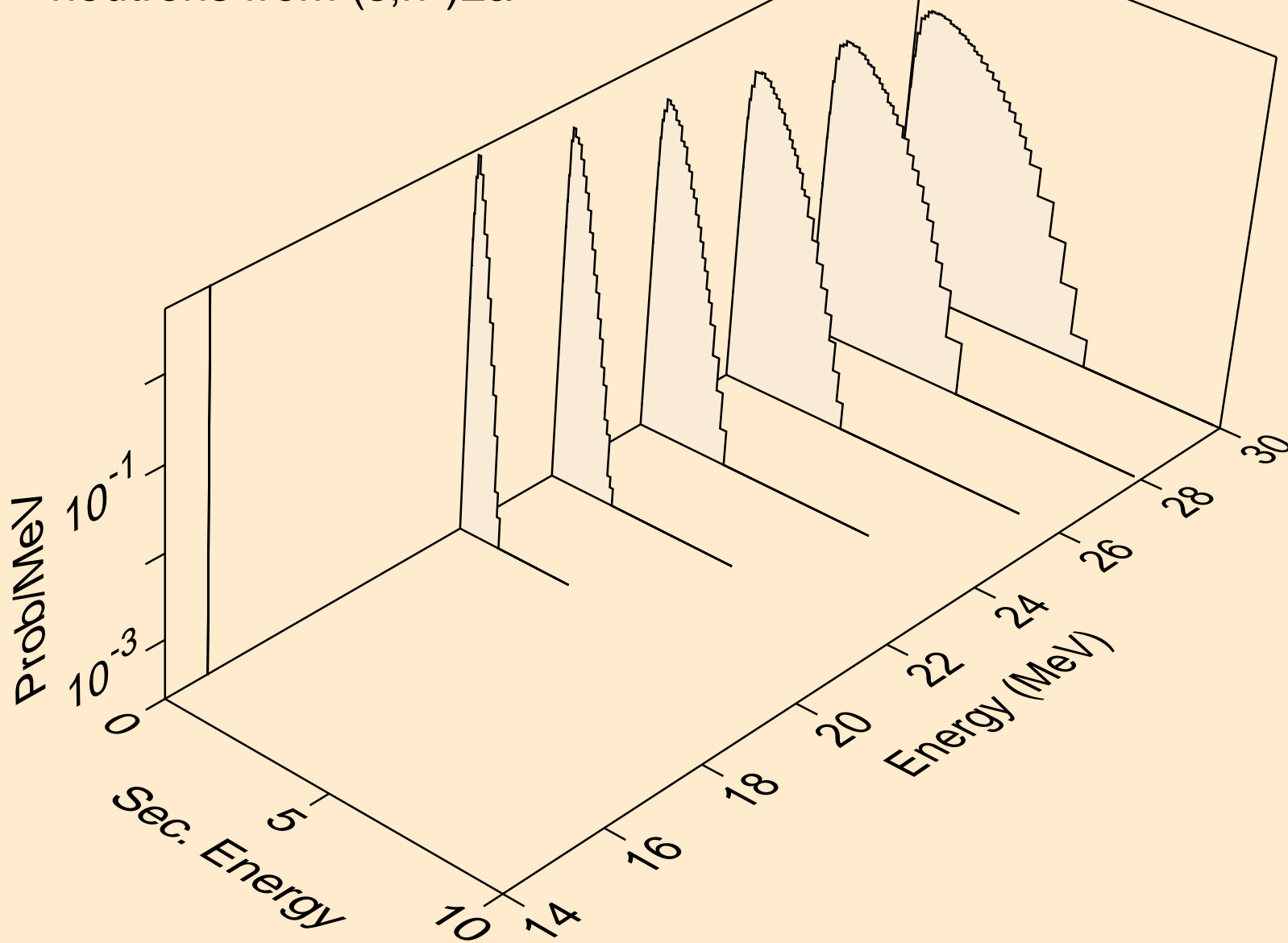
P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)a



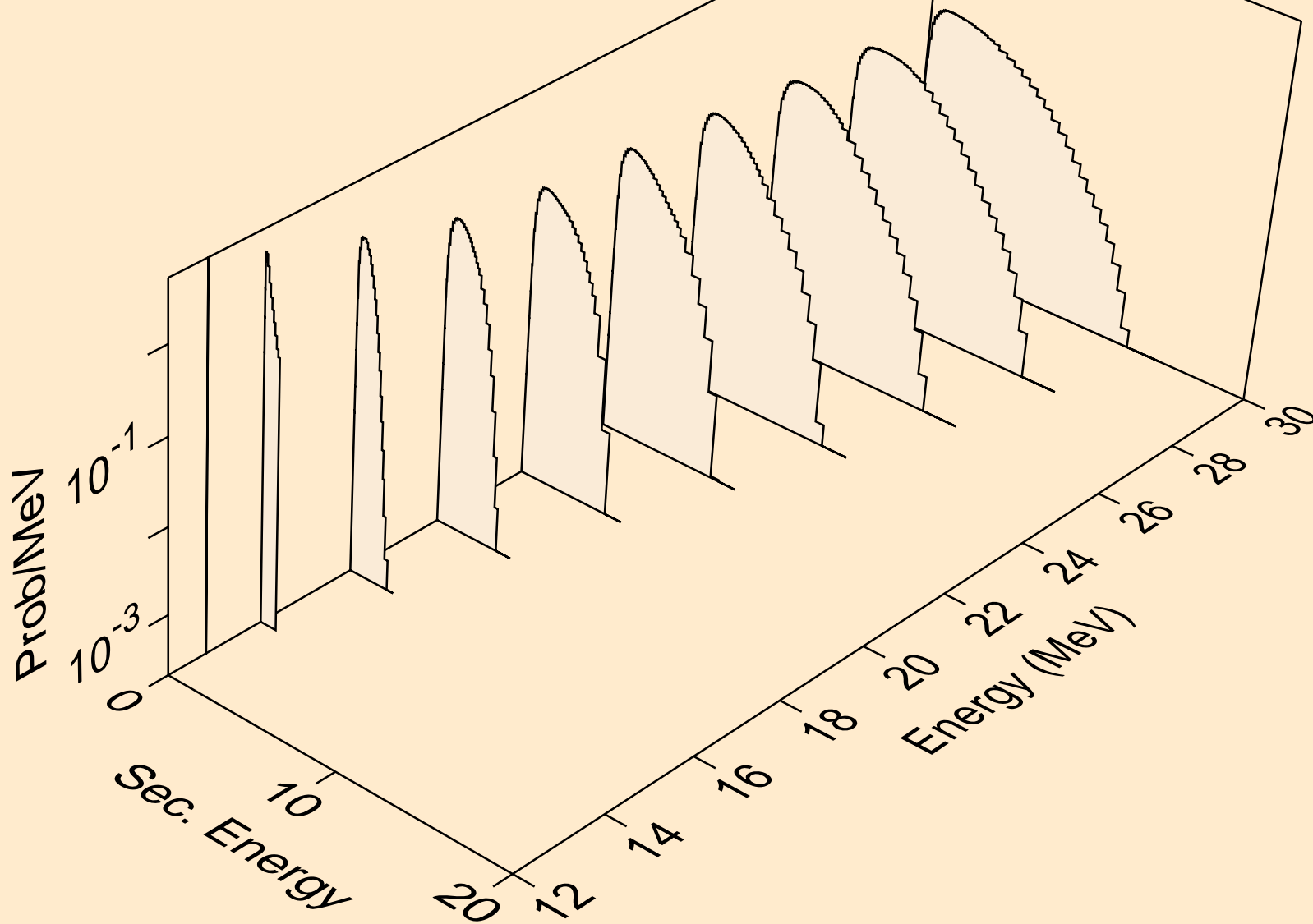
P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)p



P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)2a

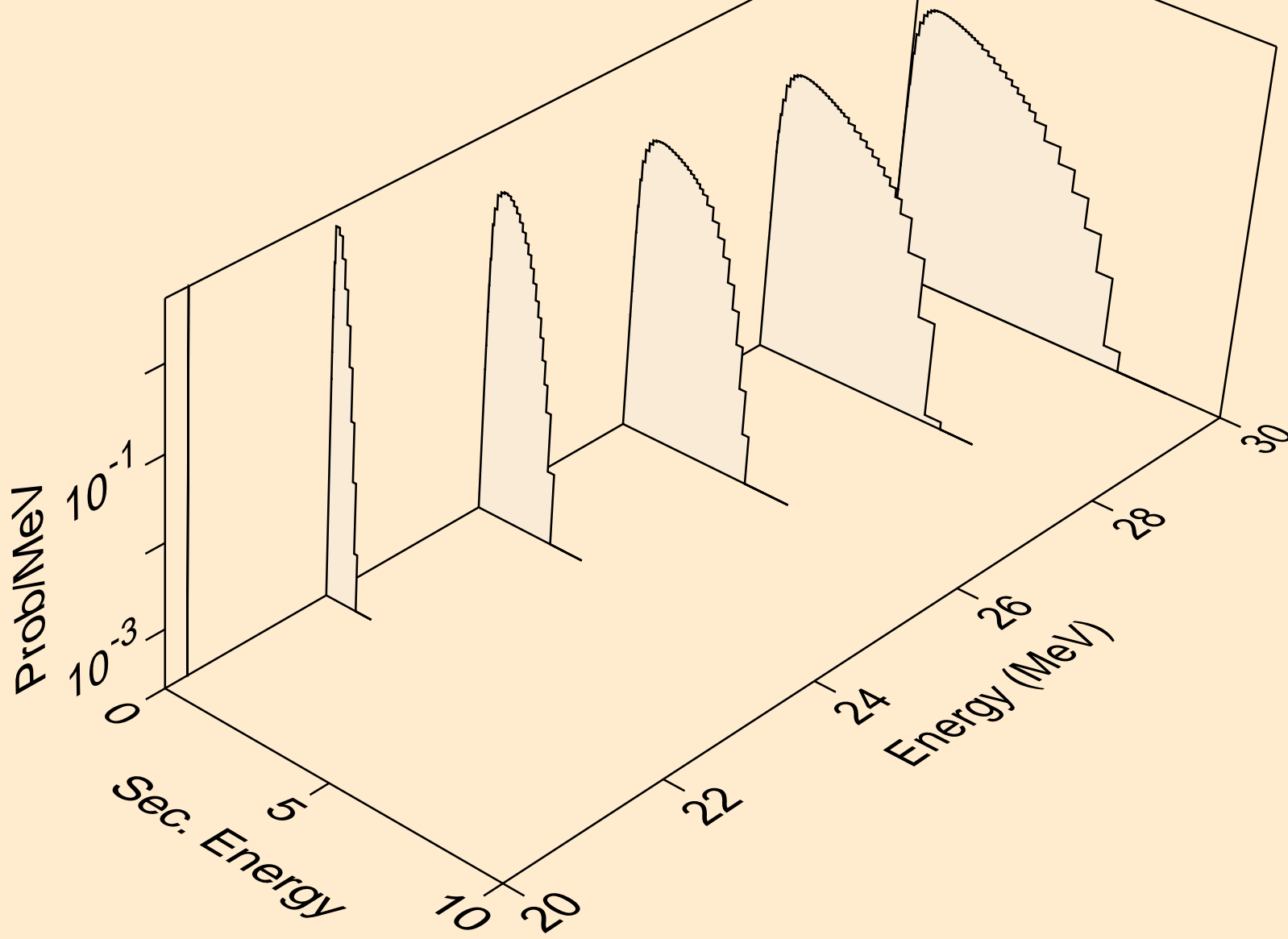


P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)d

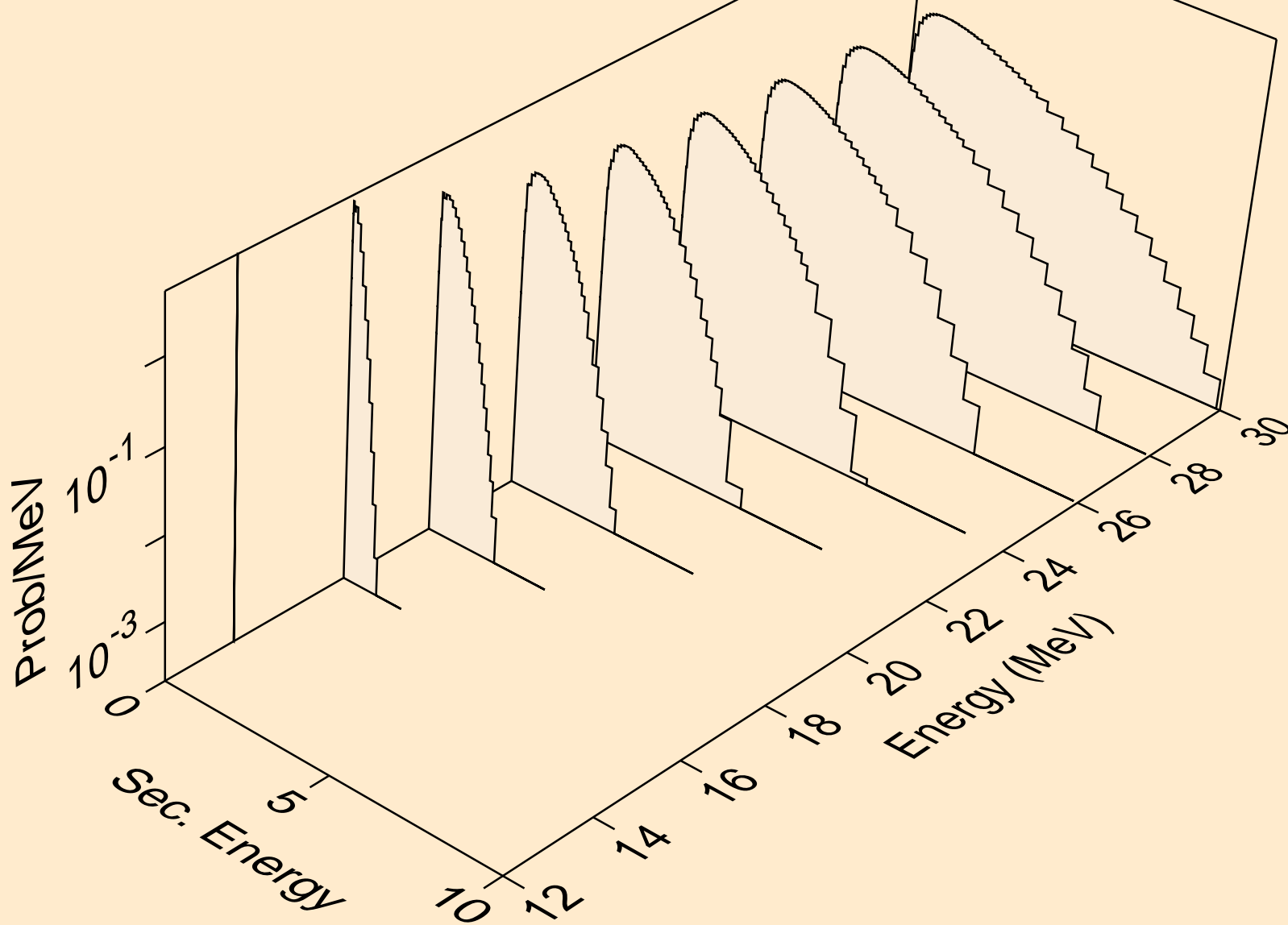




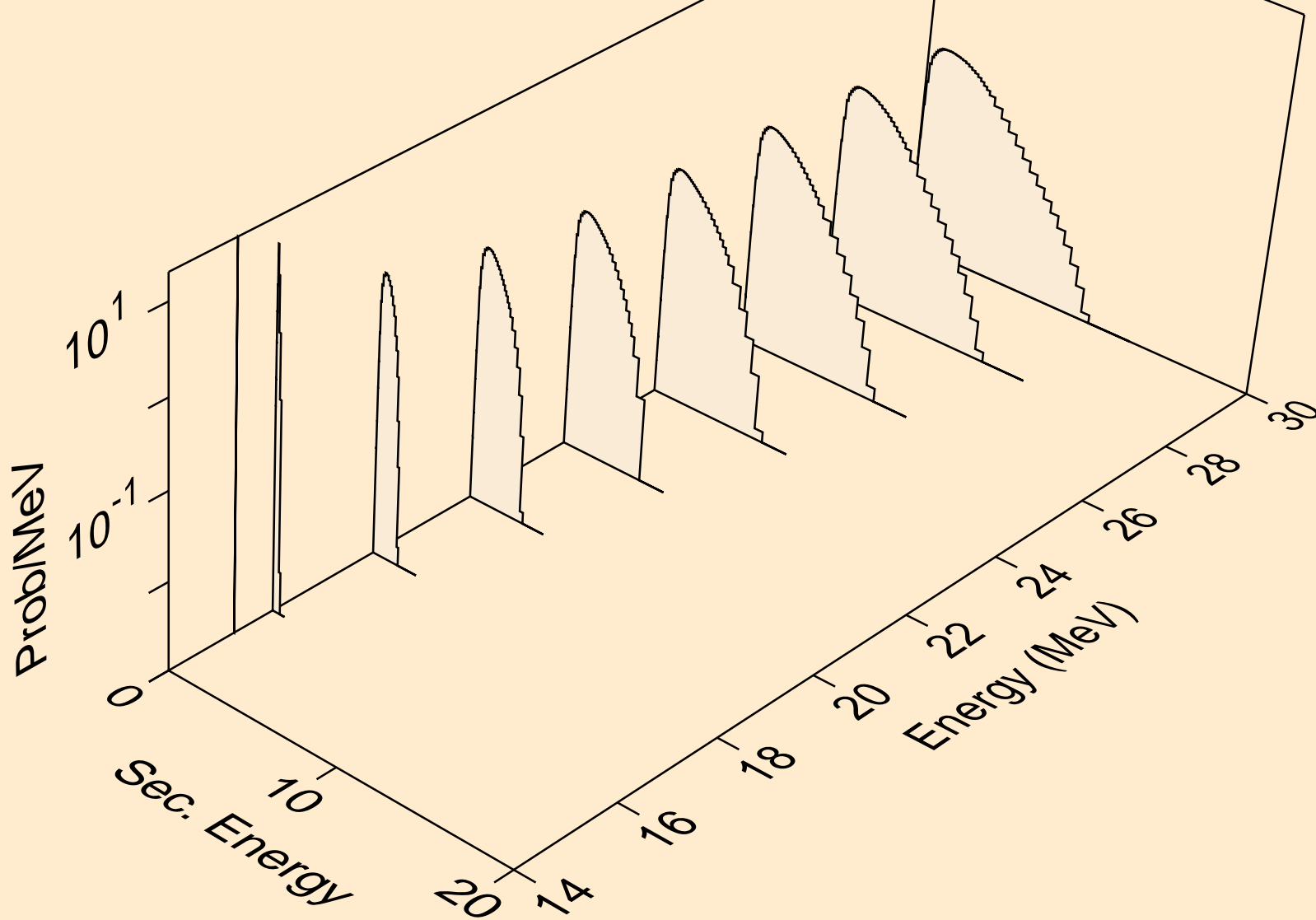
P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)t



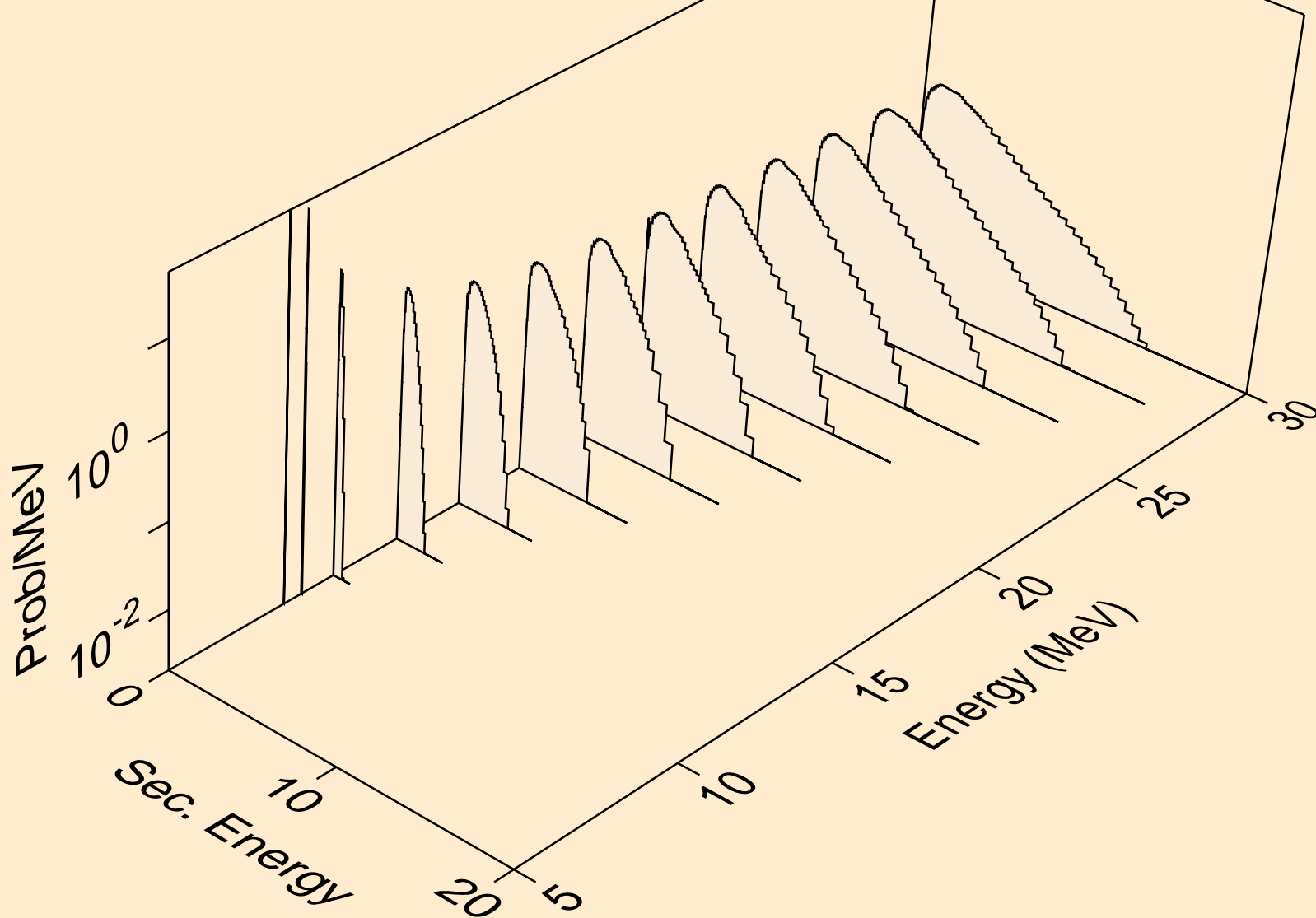
P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



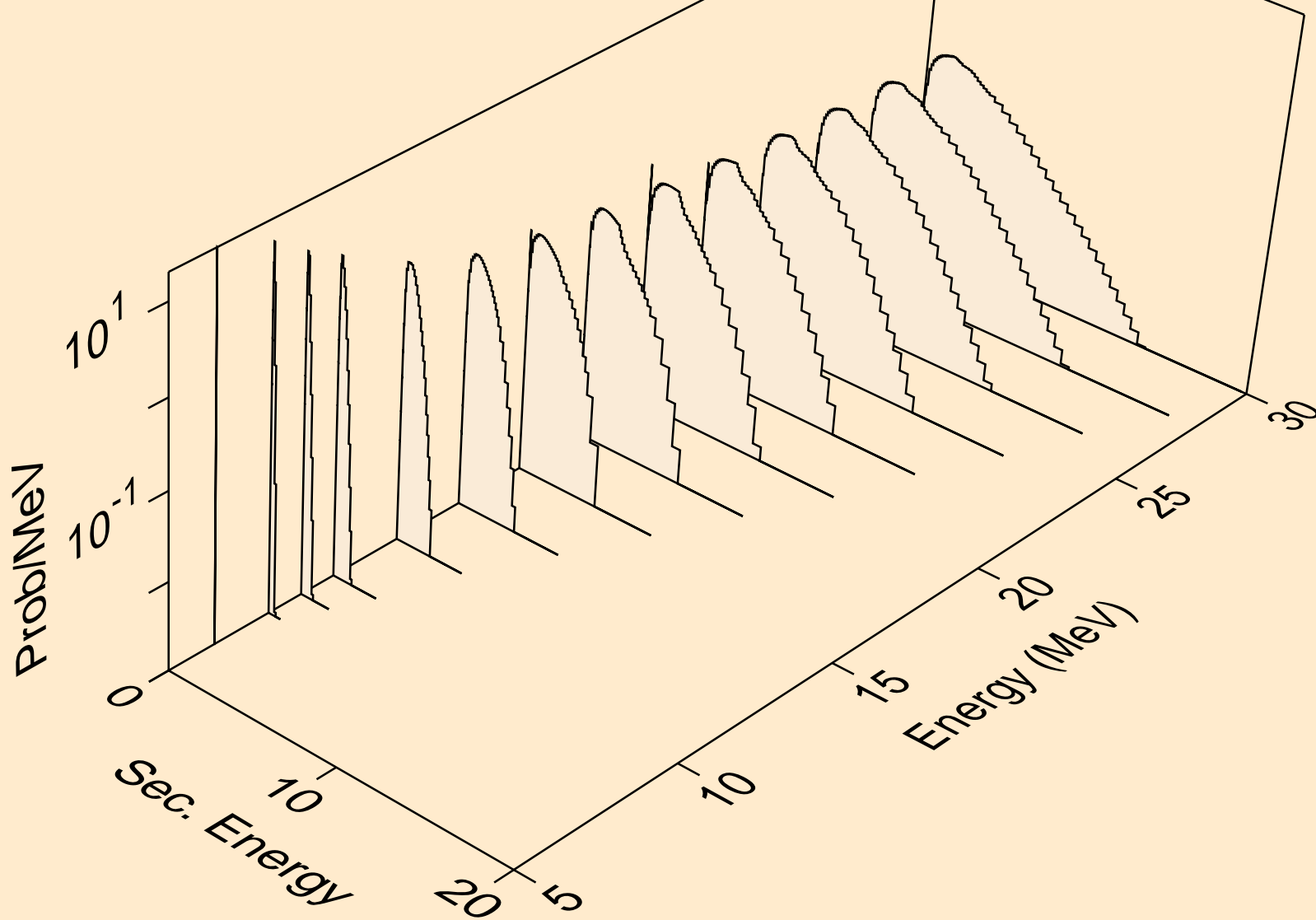
P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2np)



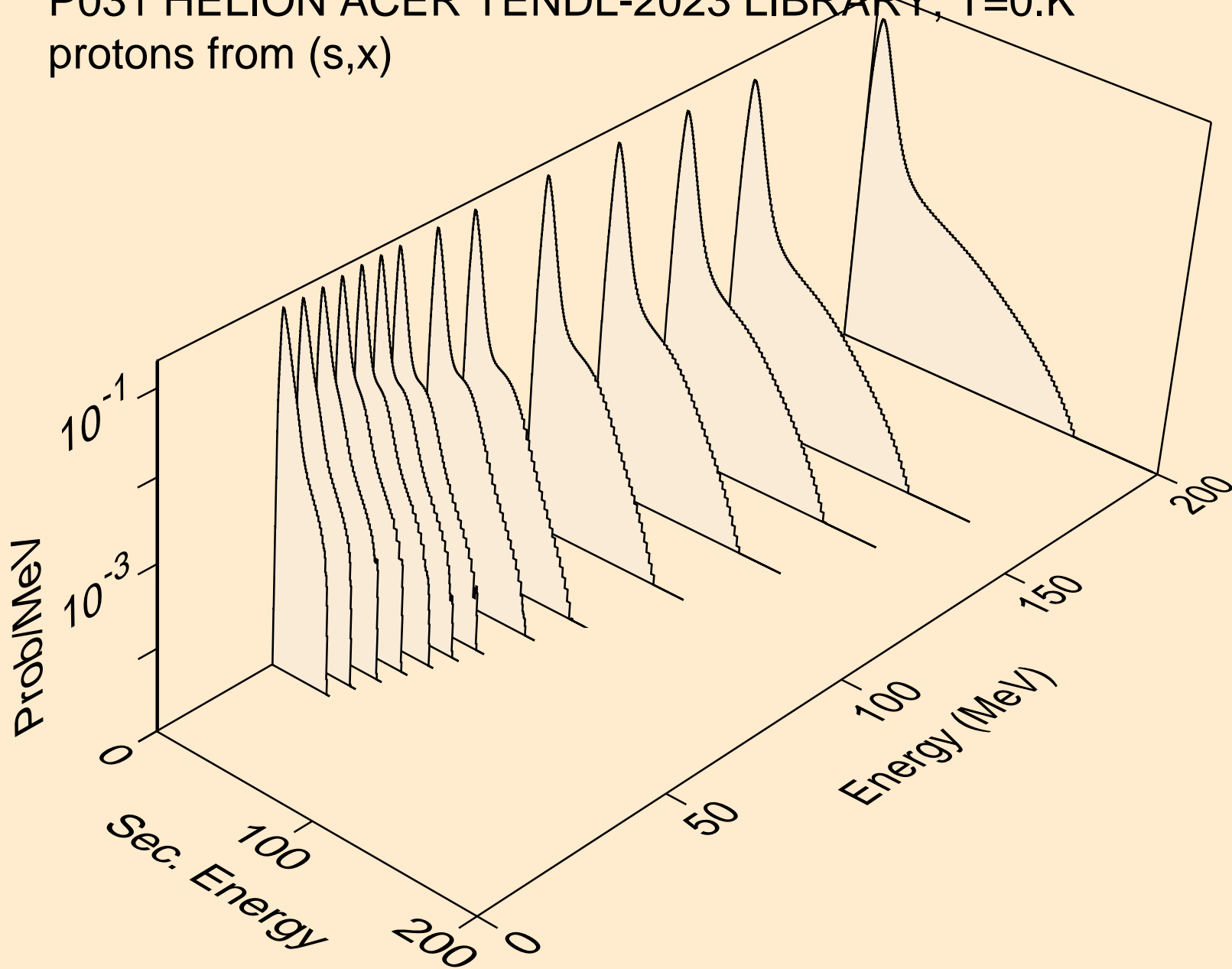
P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n2p)



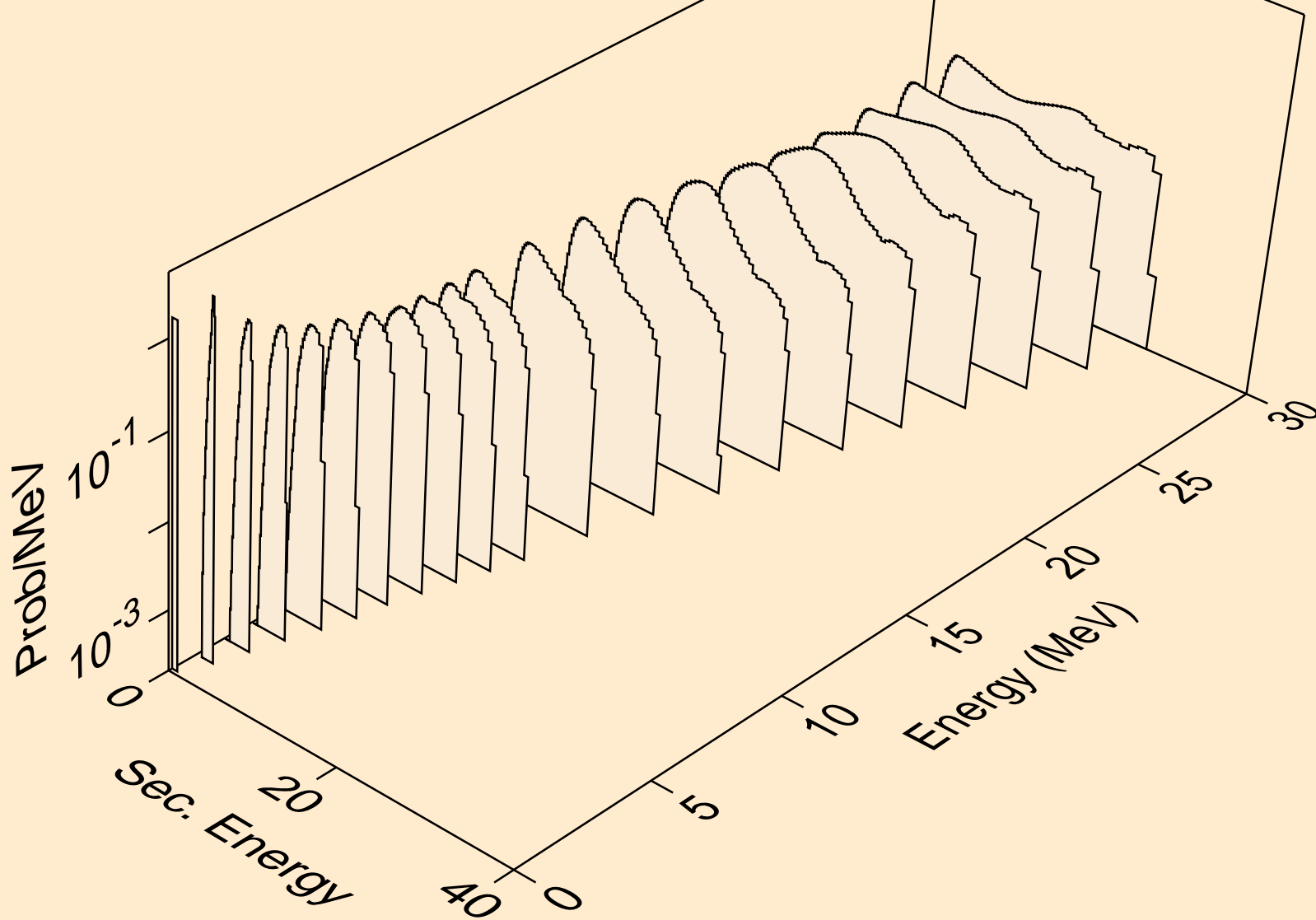
P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,npa)



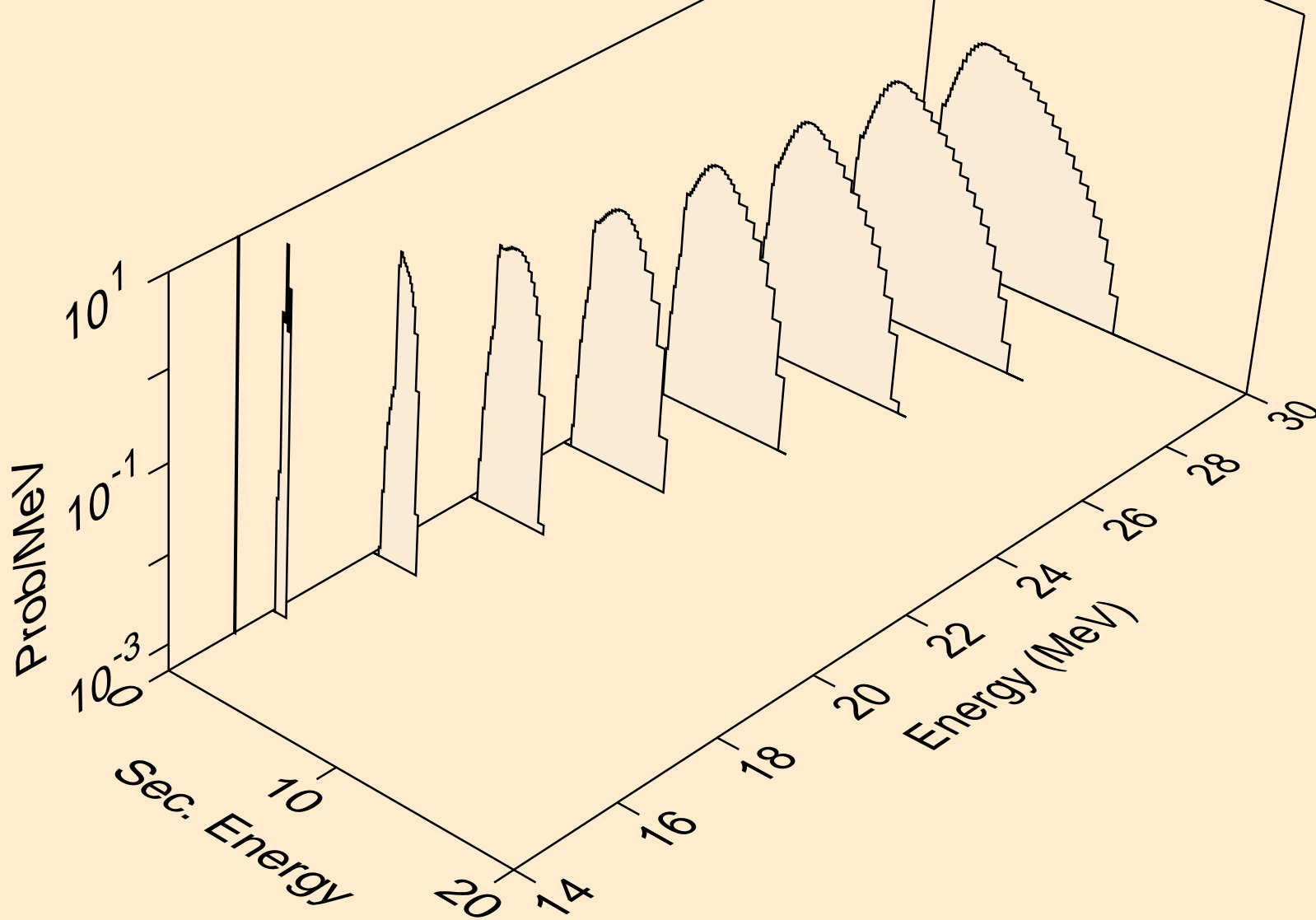
P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,x)



P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,n\*)p

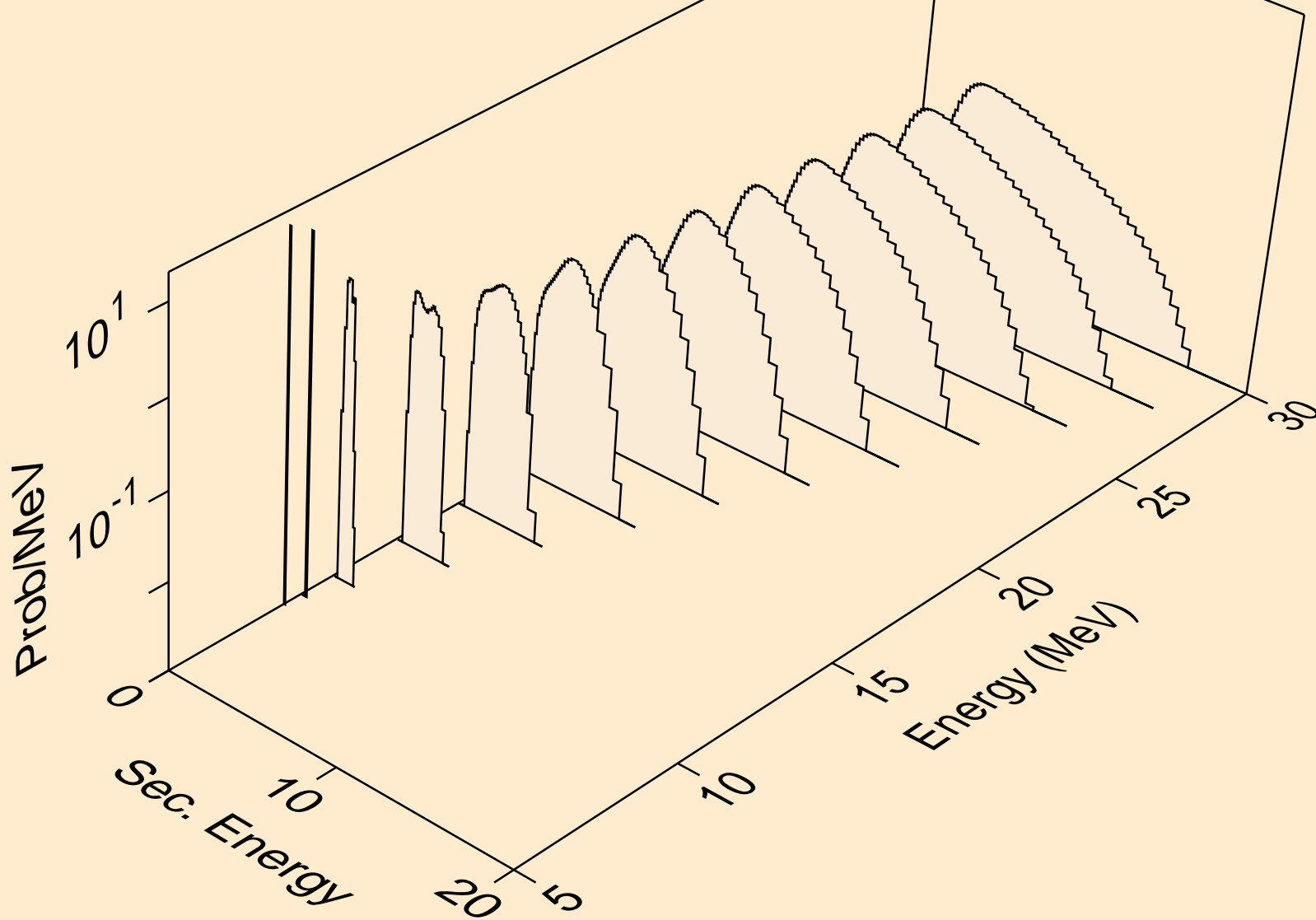


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protons from (s,2np)

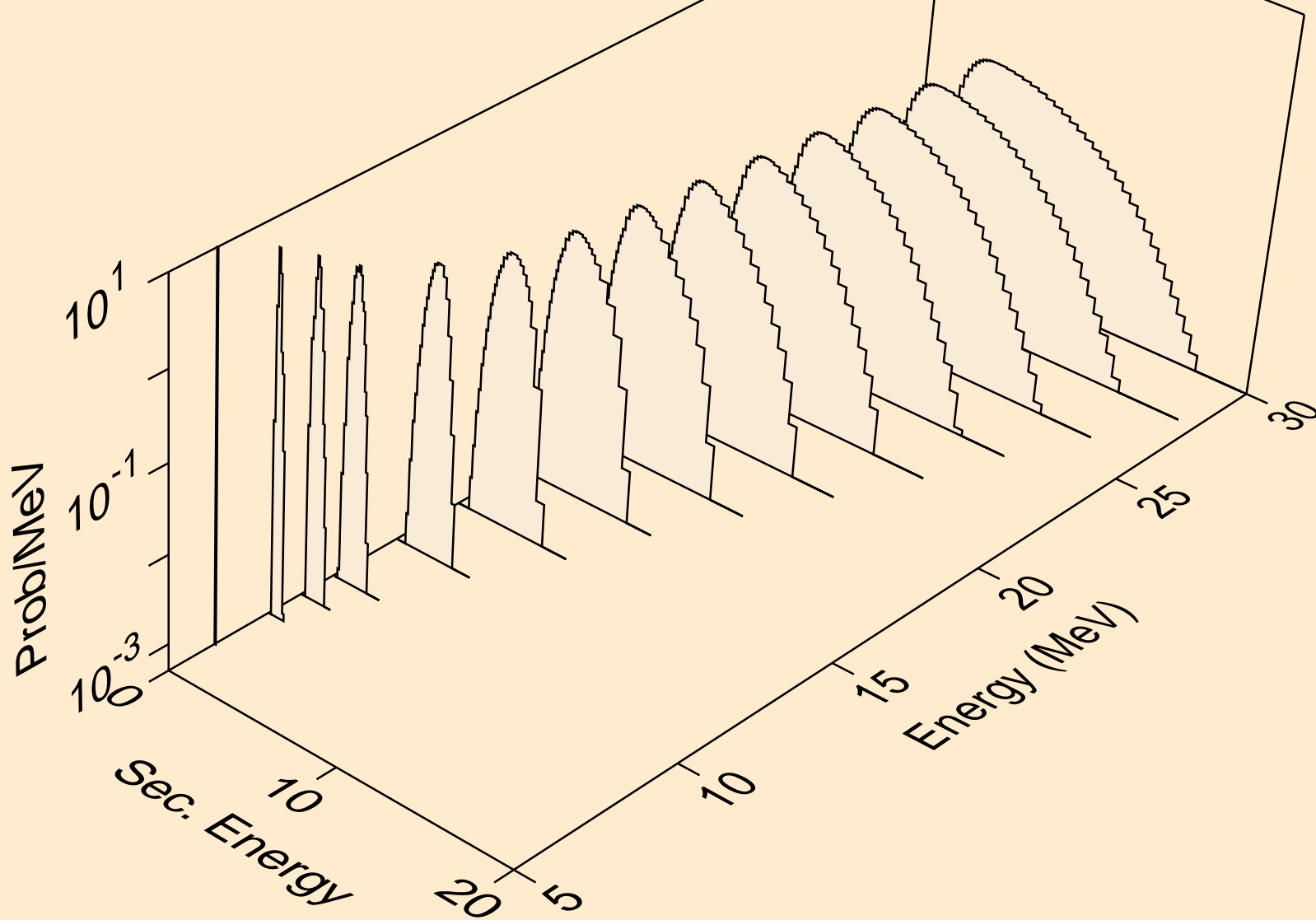




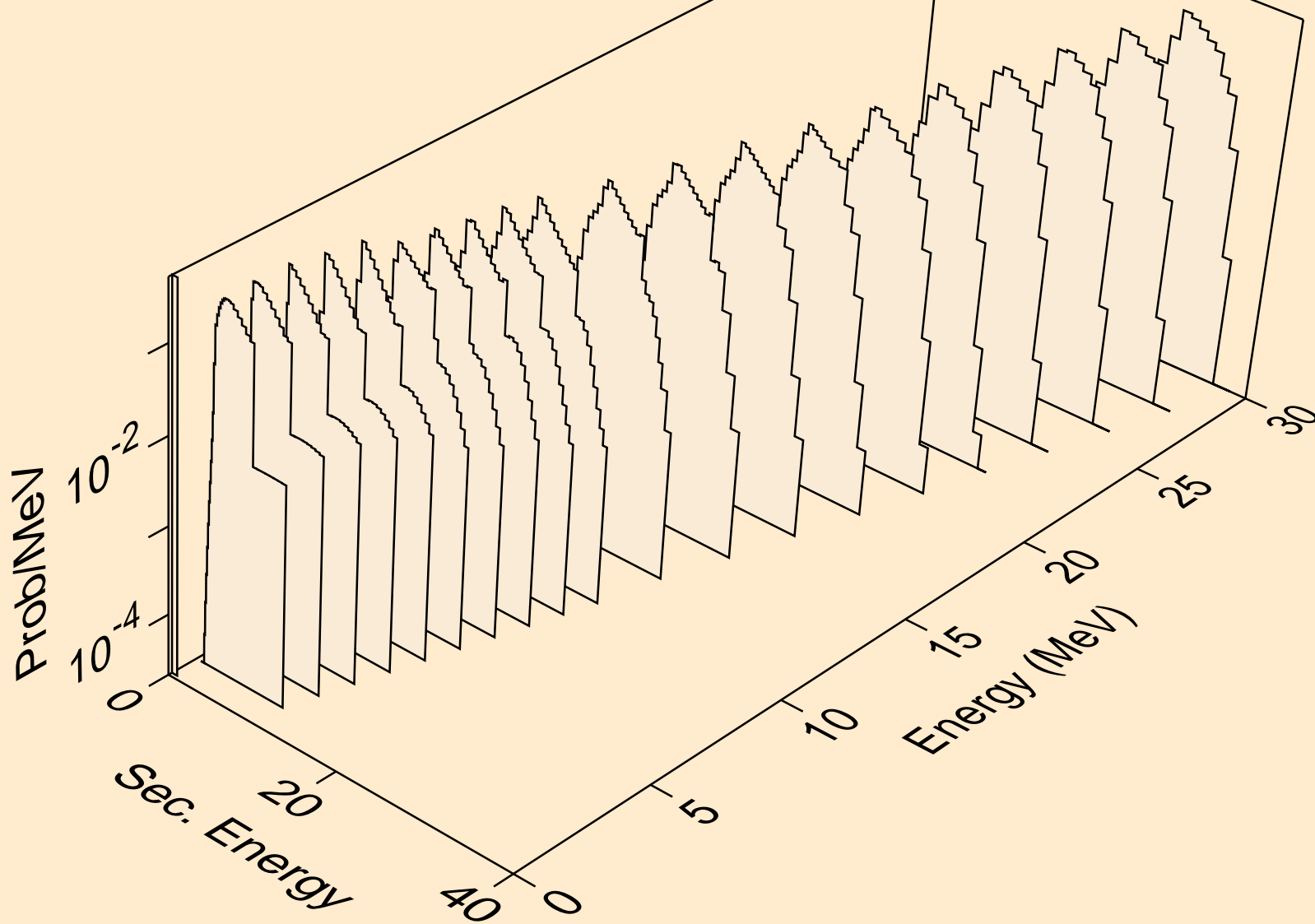
P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,n2p)



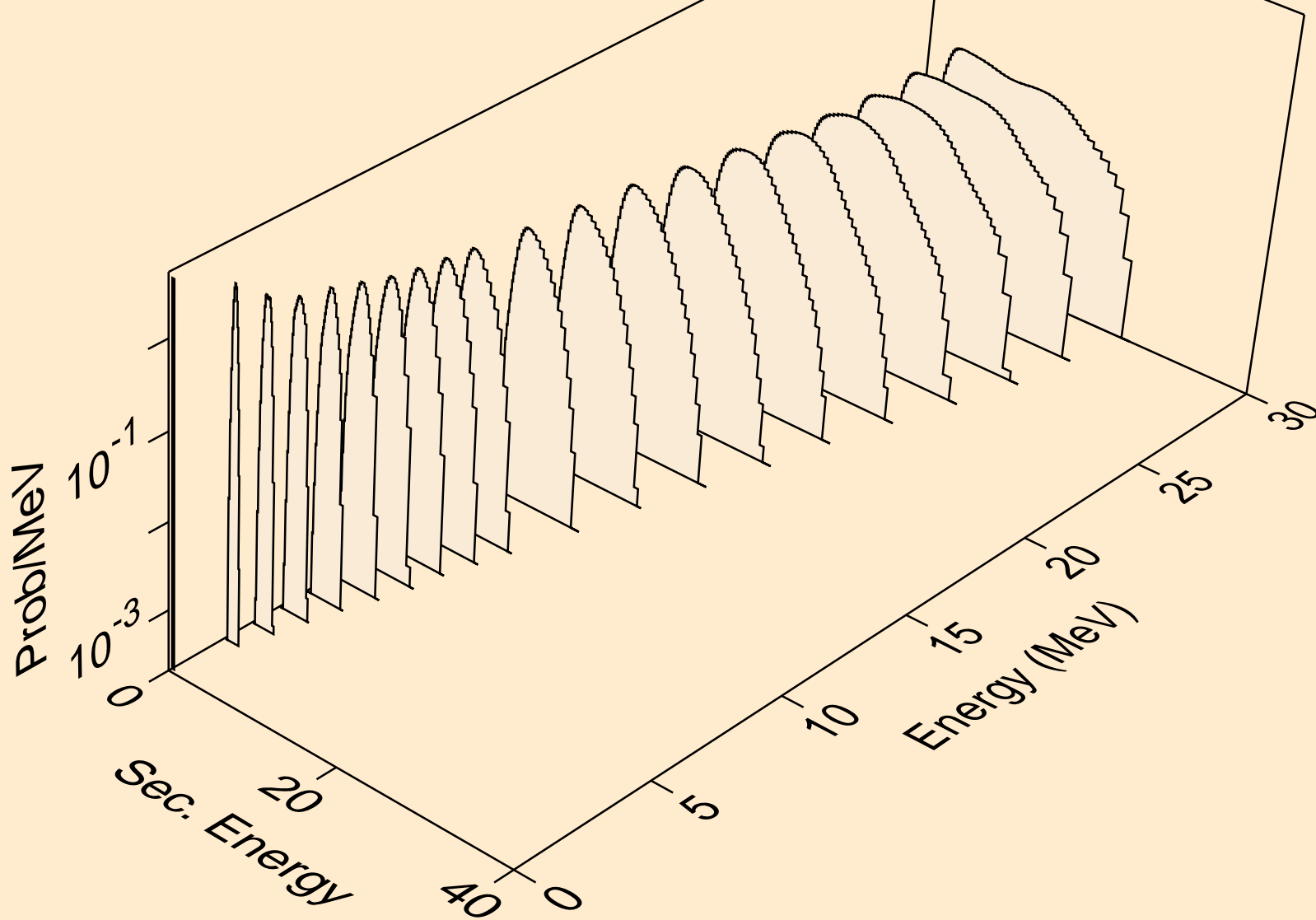
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protons from (s,npa)



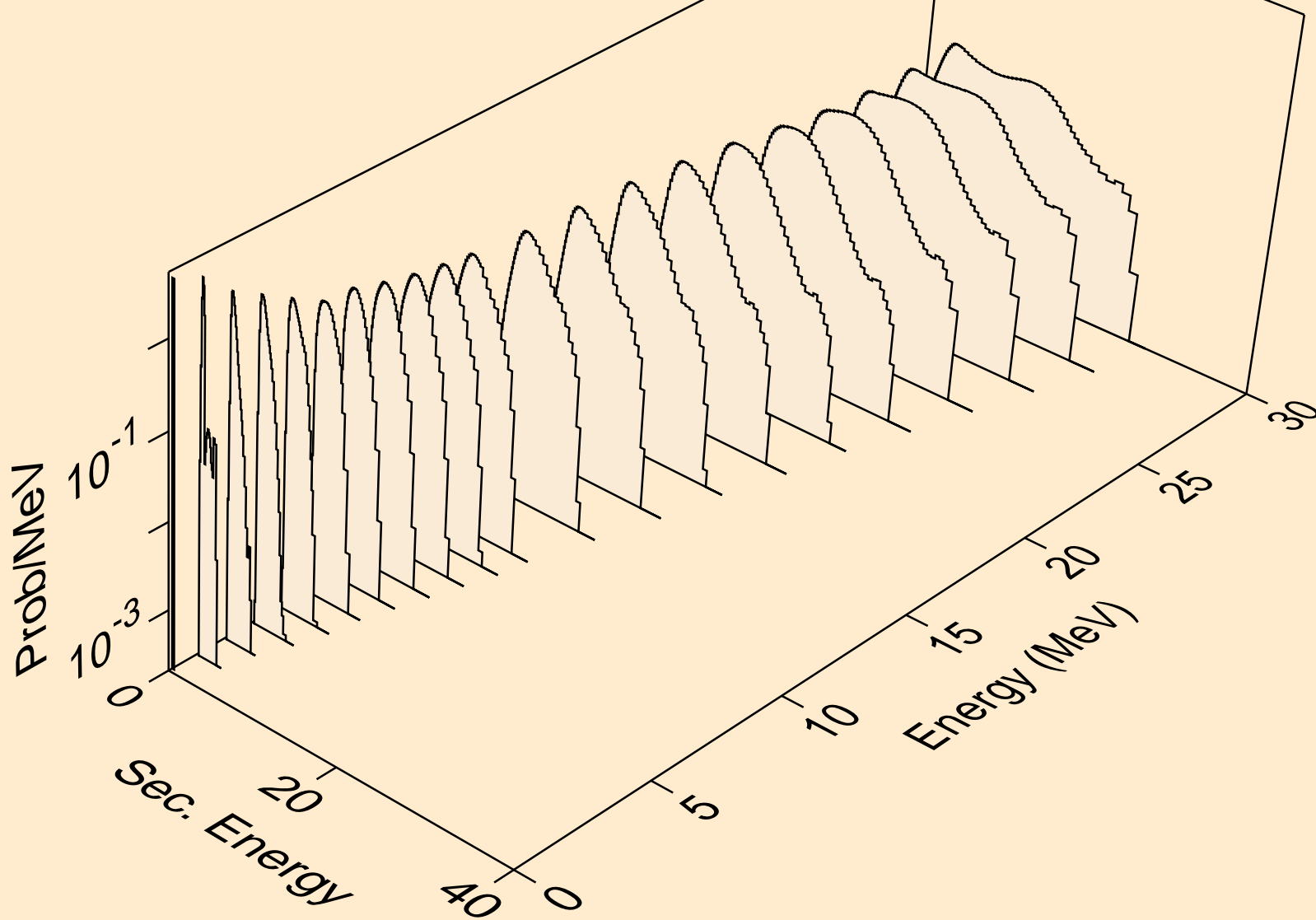
P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,p)



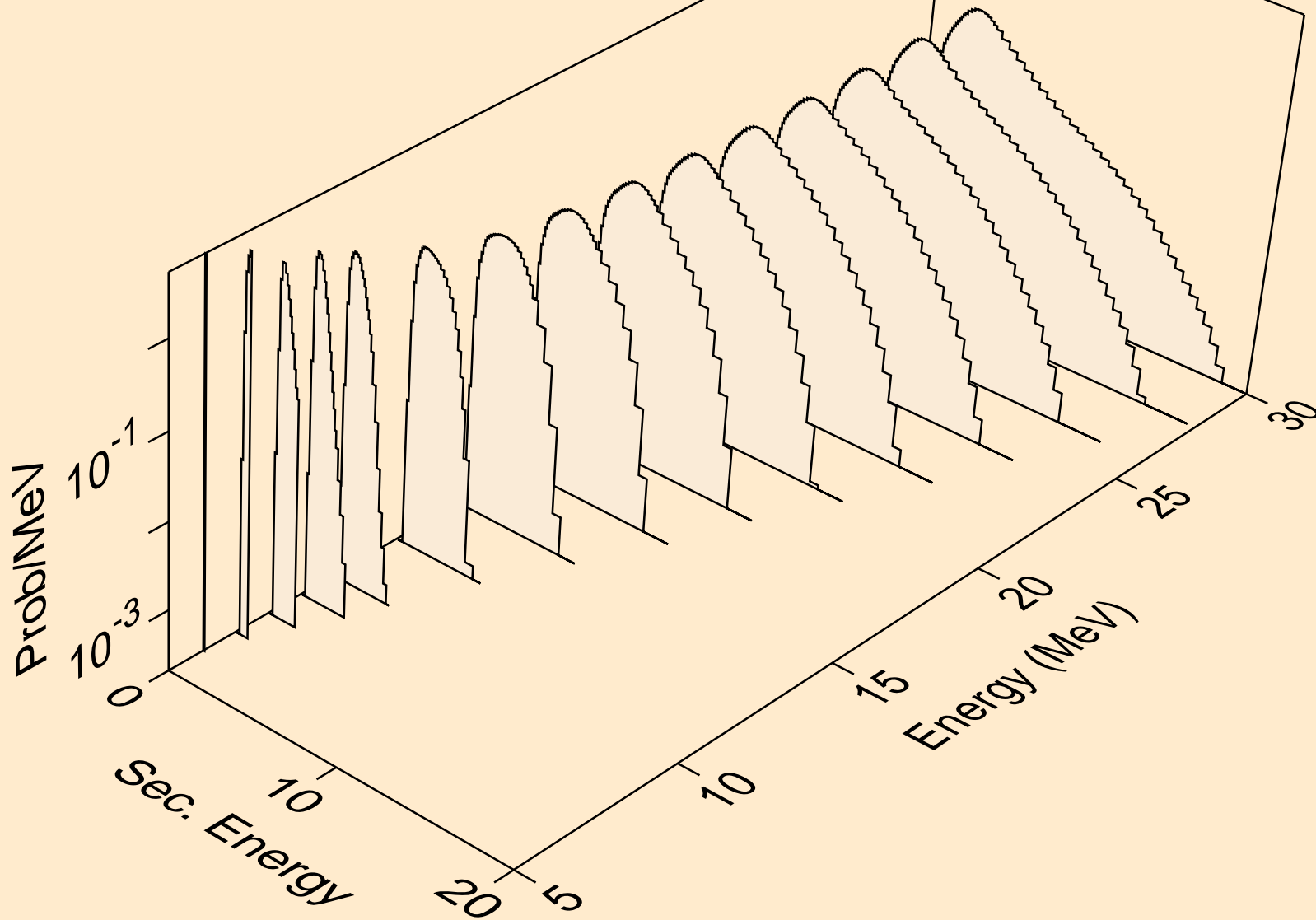
P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,2p)



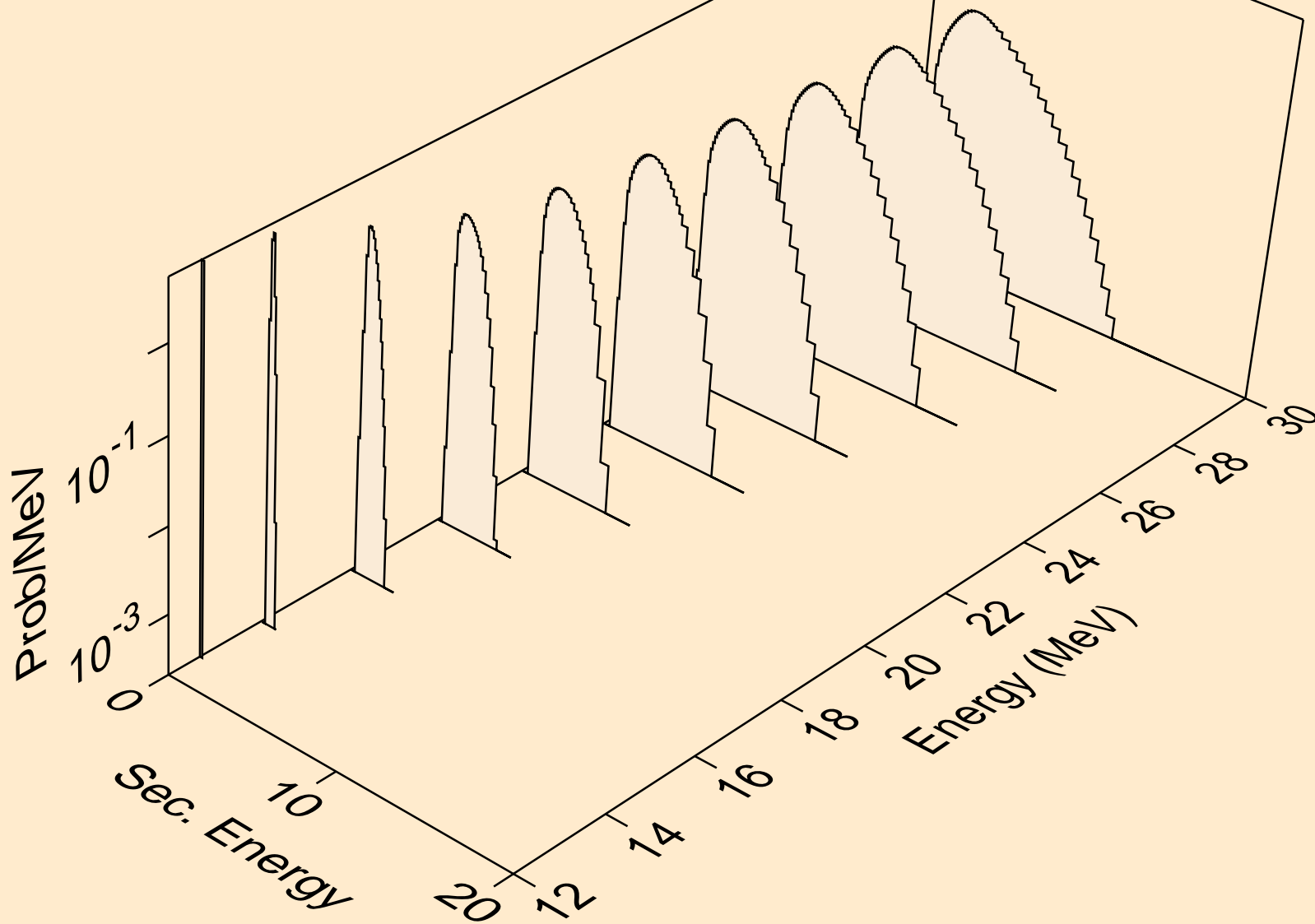
P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pa)



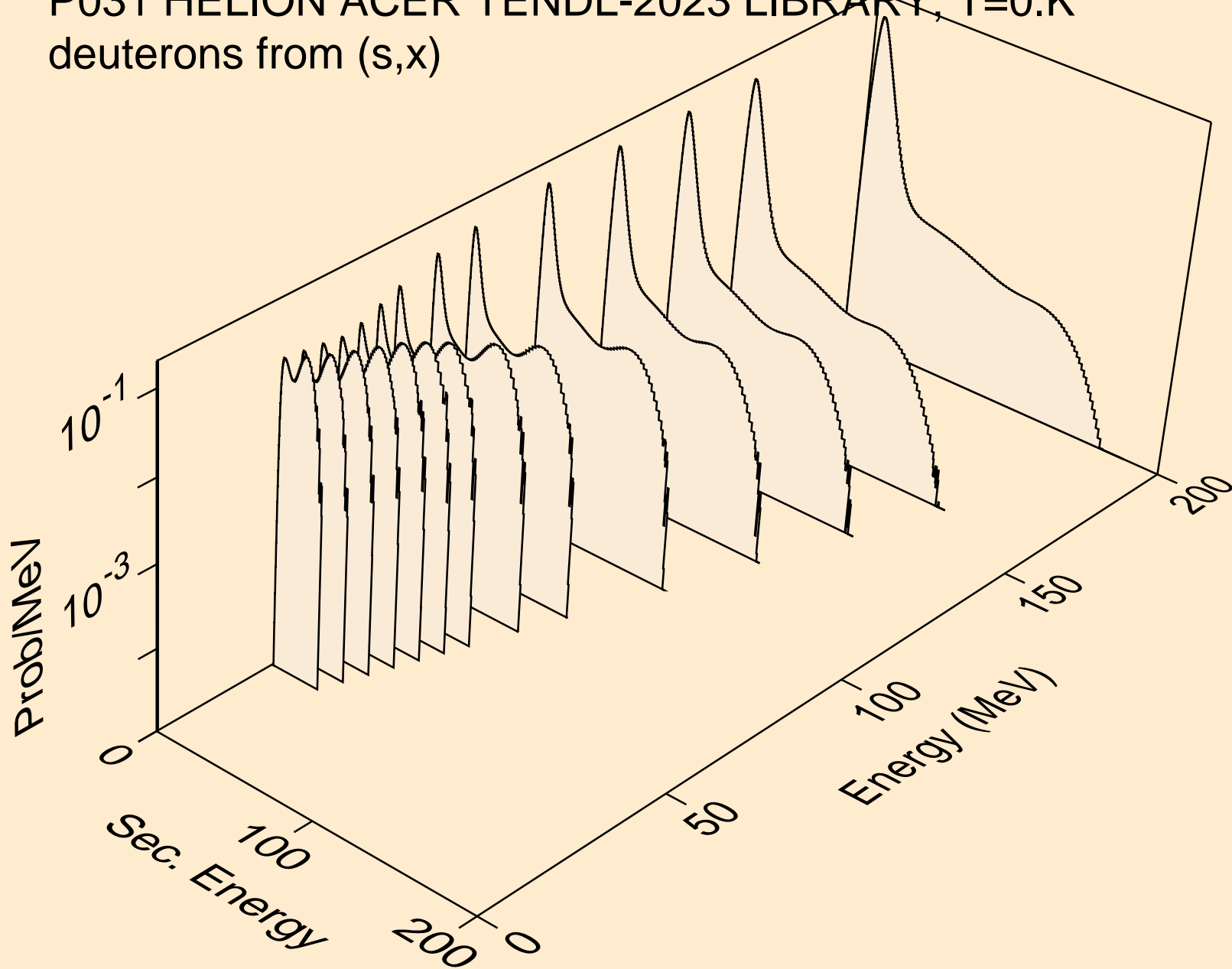
P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pd)



P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pt)

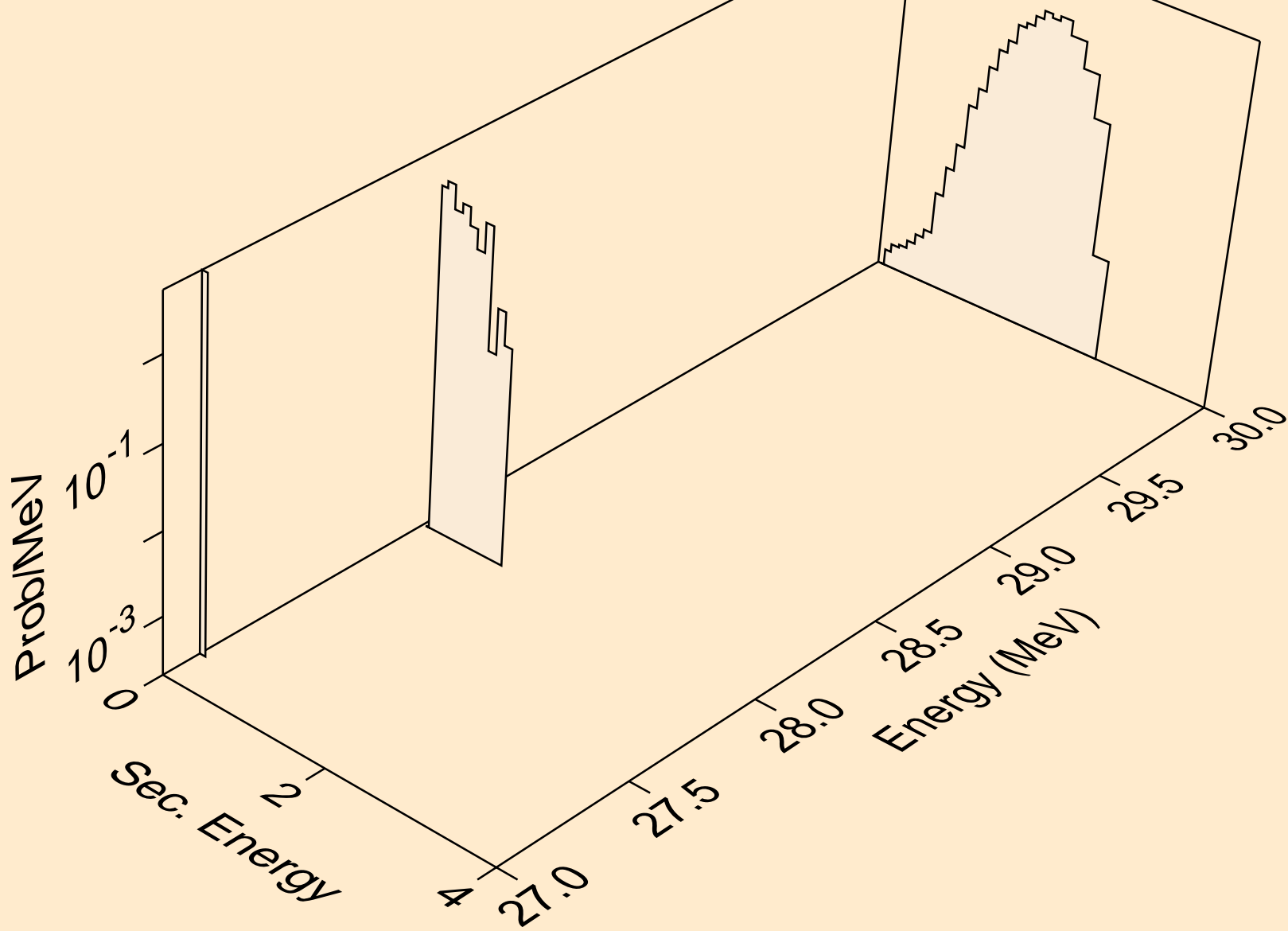


P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,x)

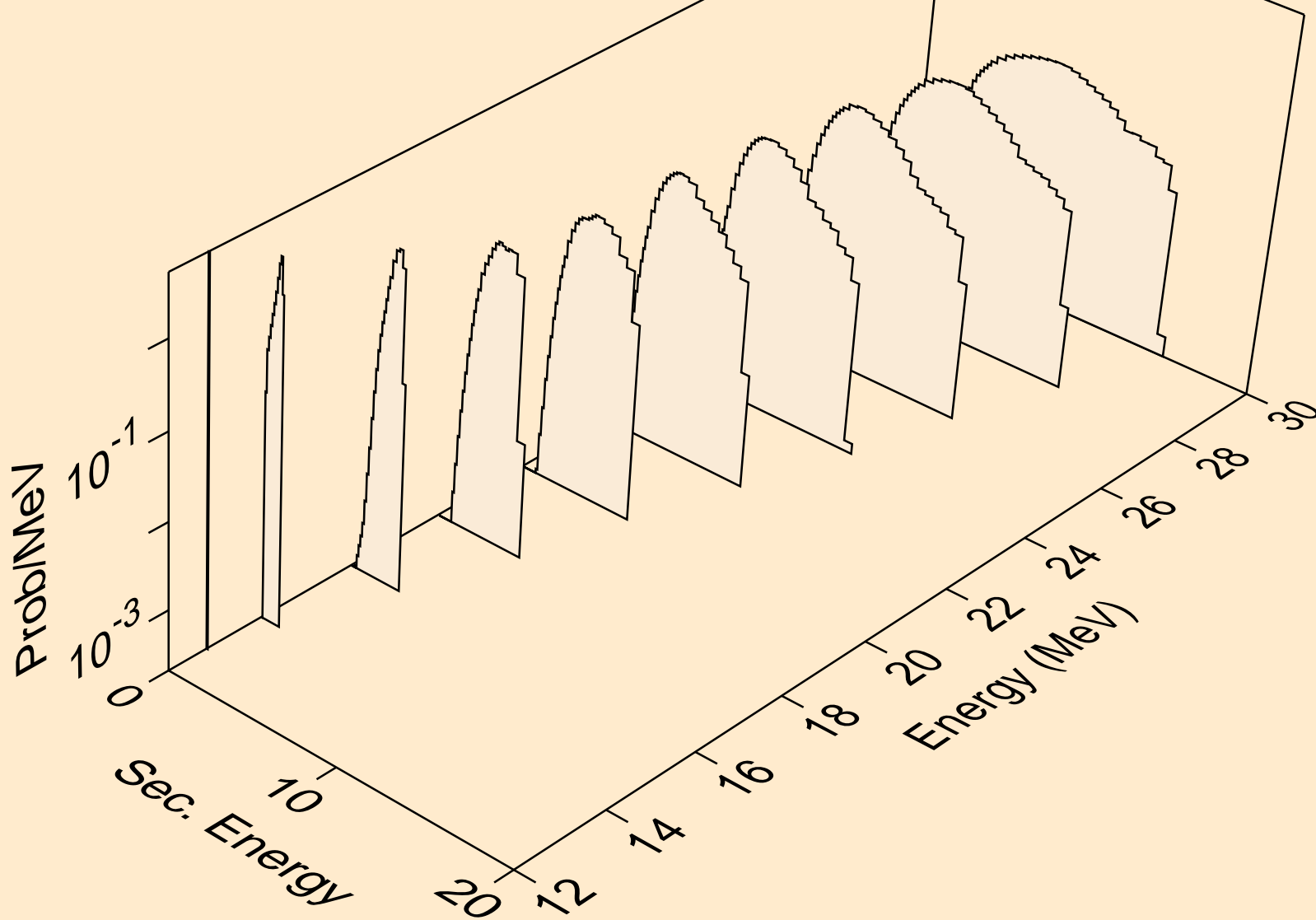




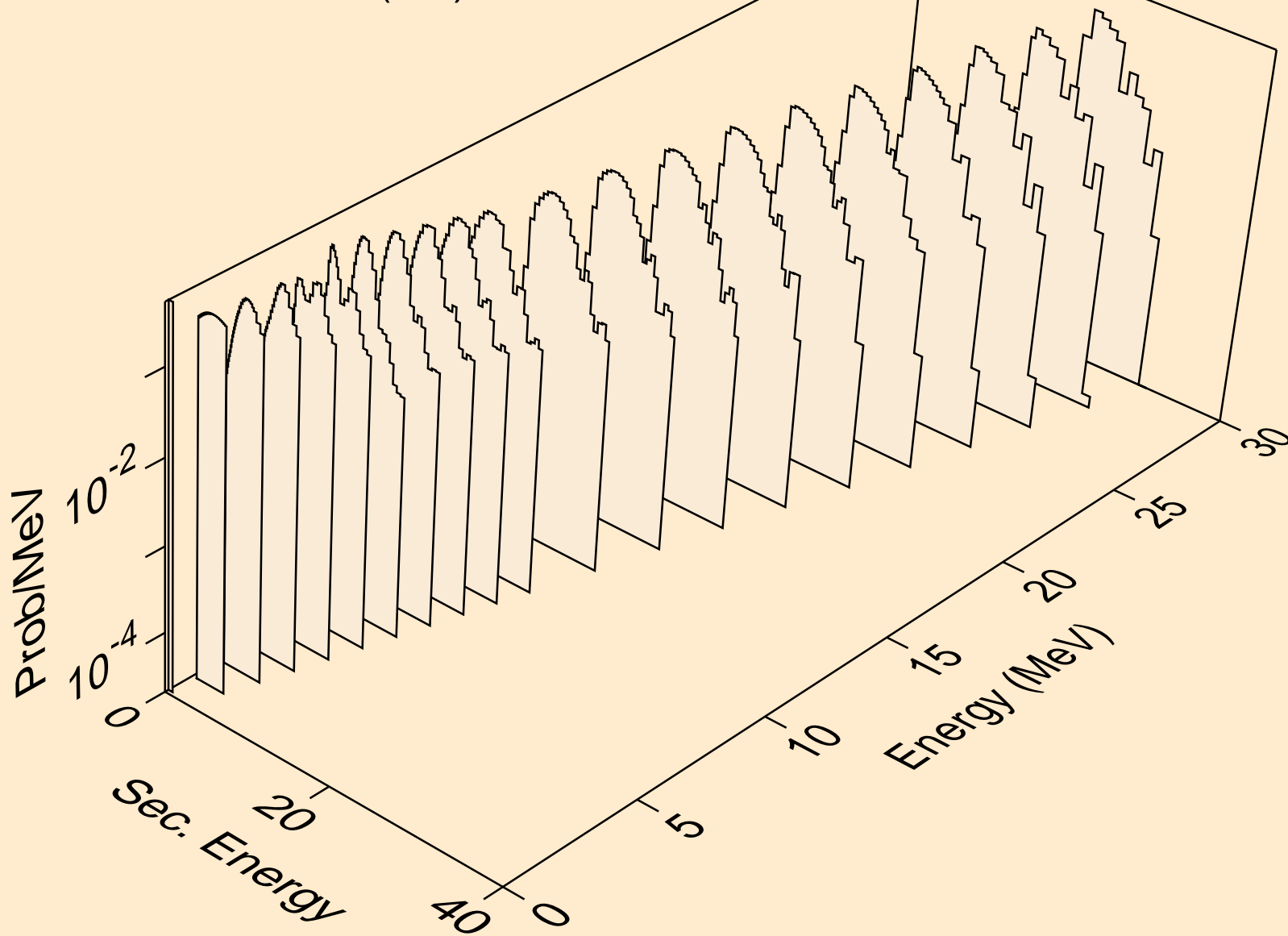
P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,2nd)



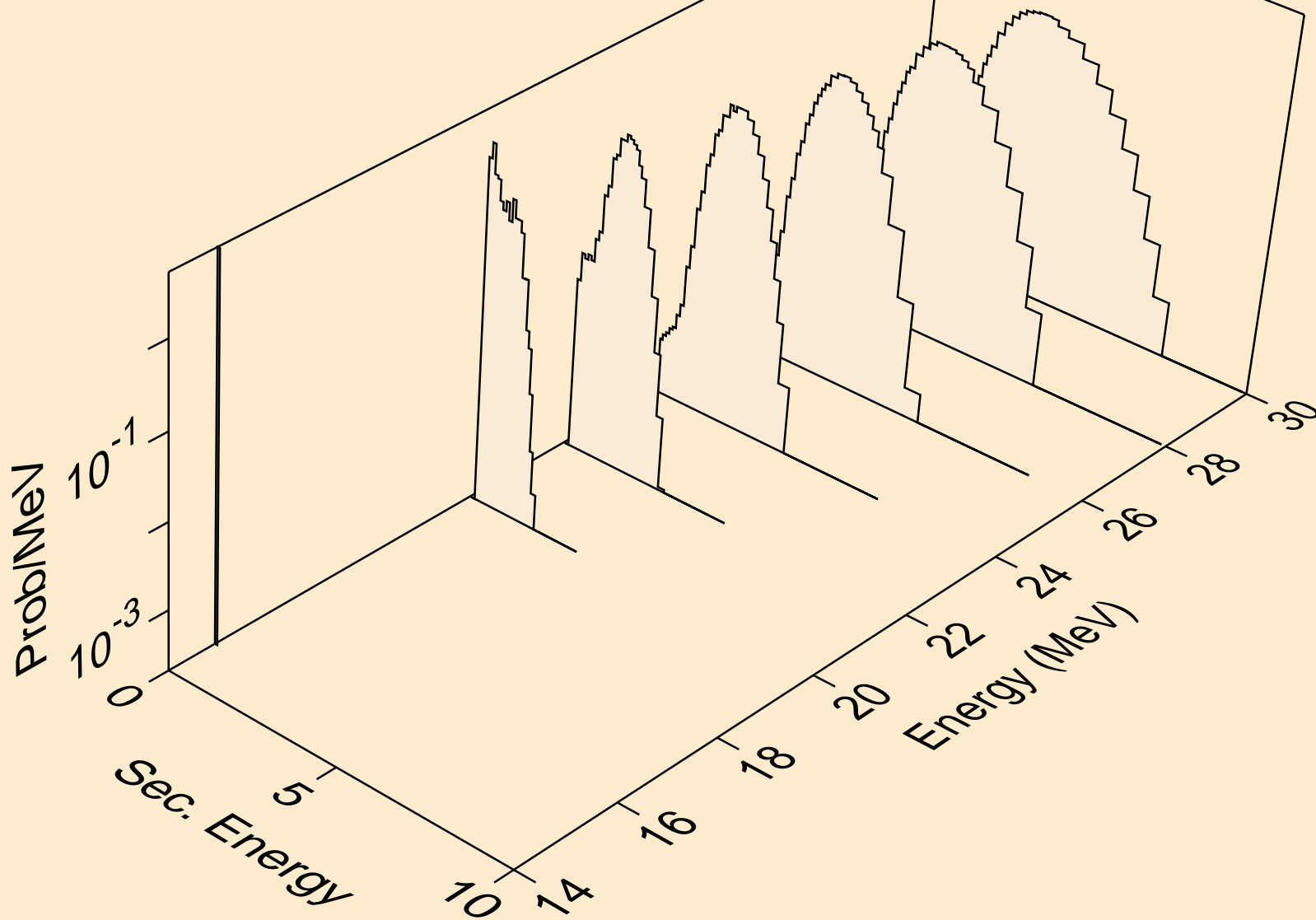
P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,n\*)d



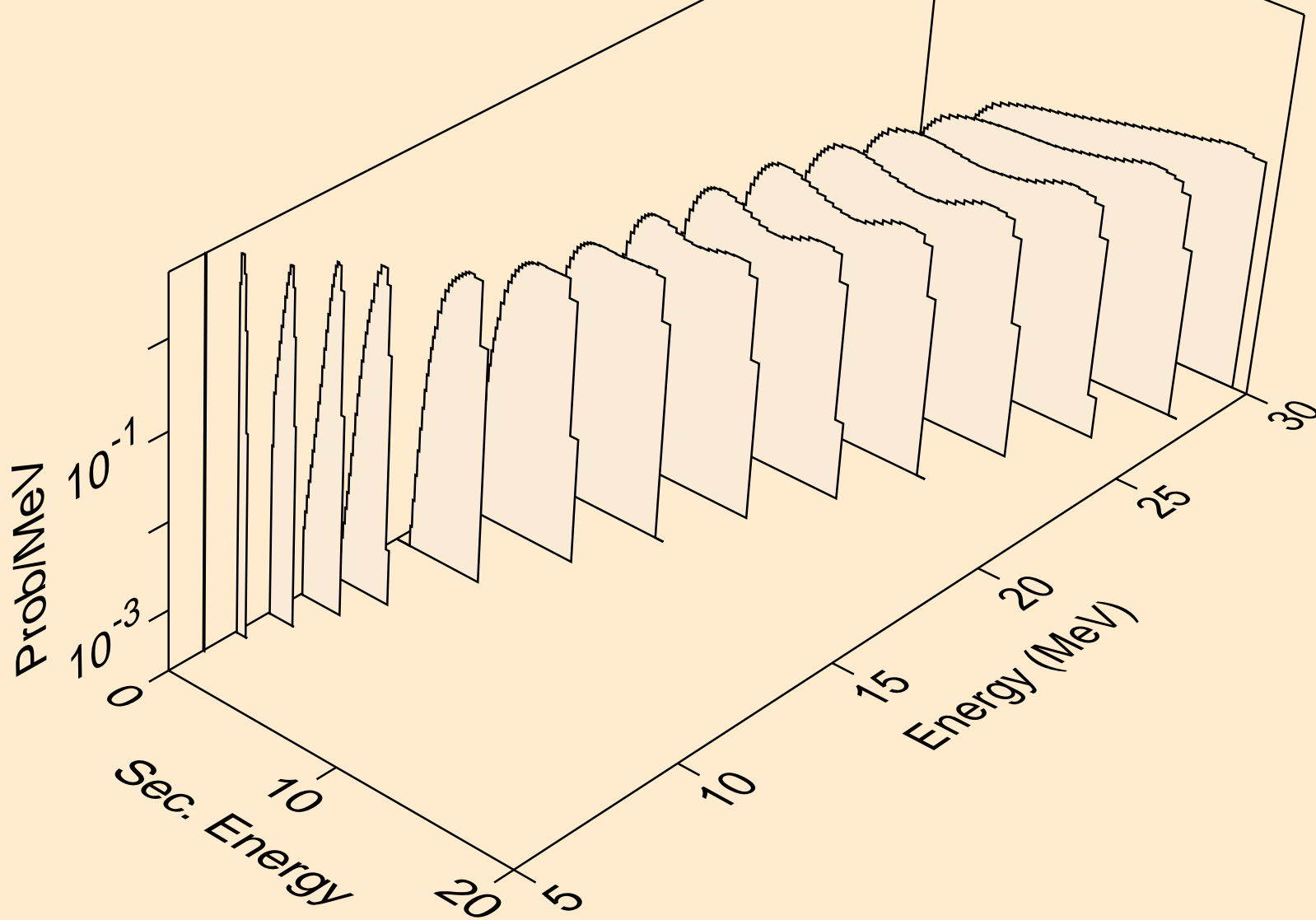
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deuterons from (s,d)



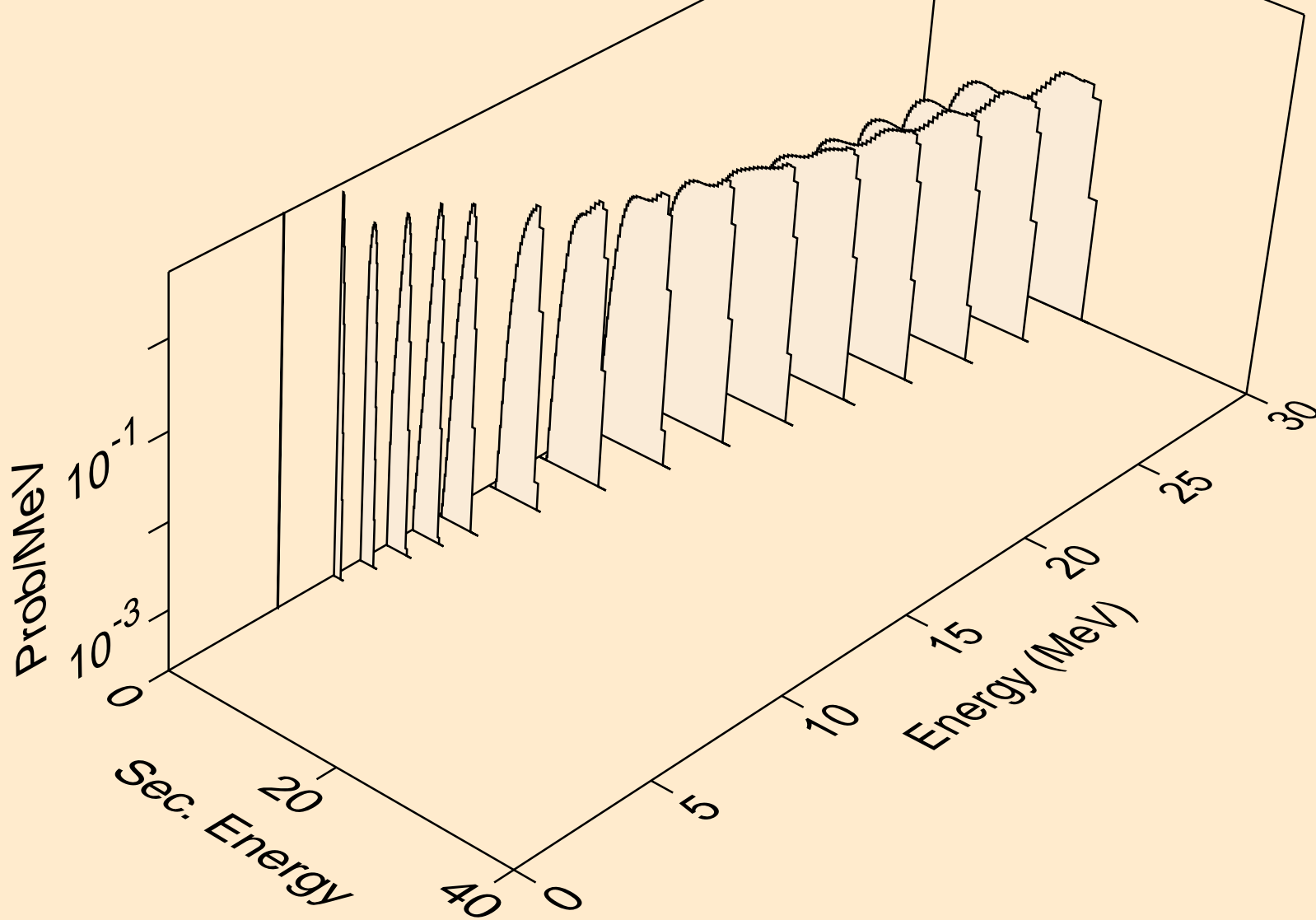
P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,d2a)



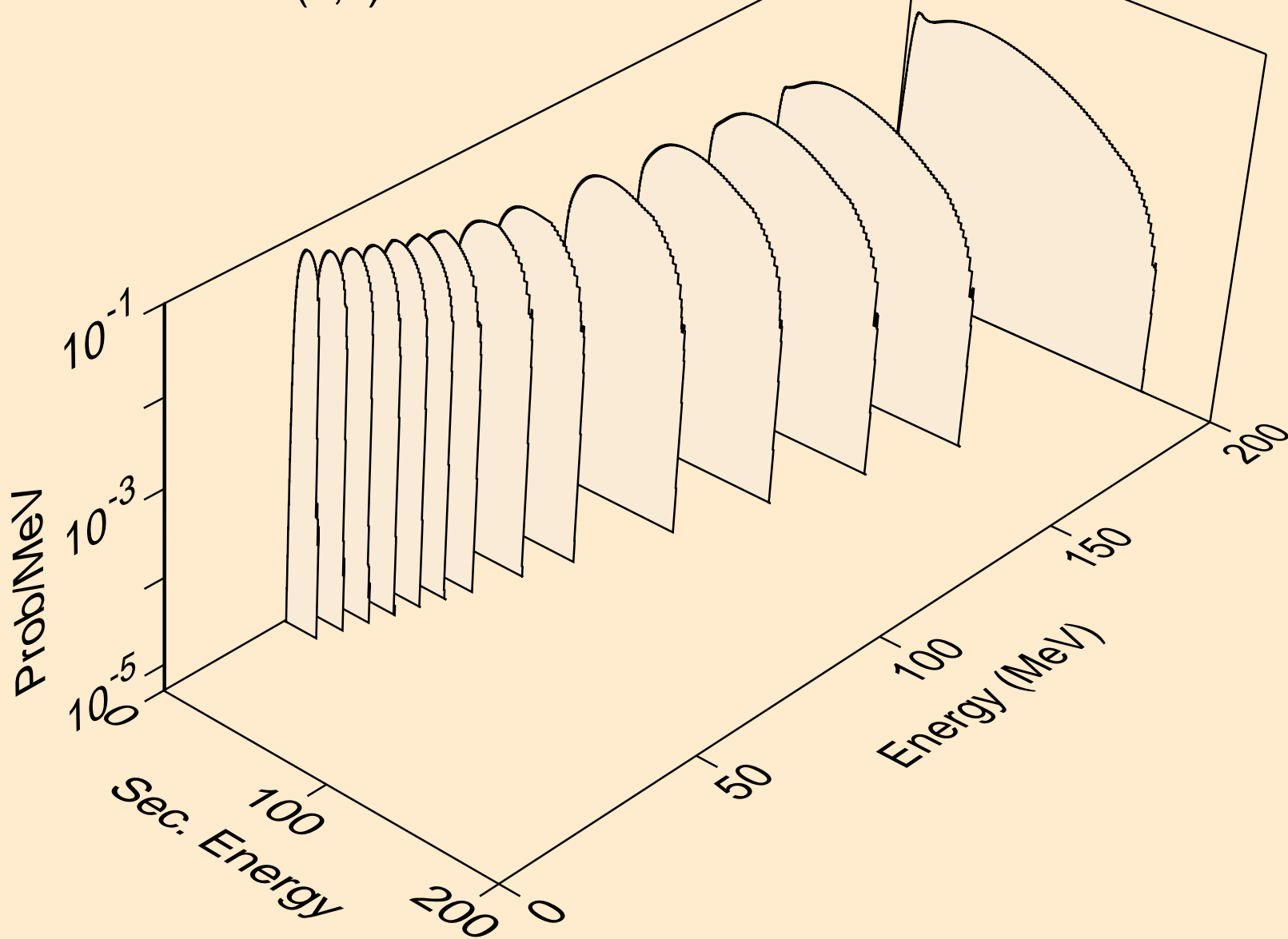
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deuterons from (s,pd)



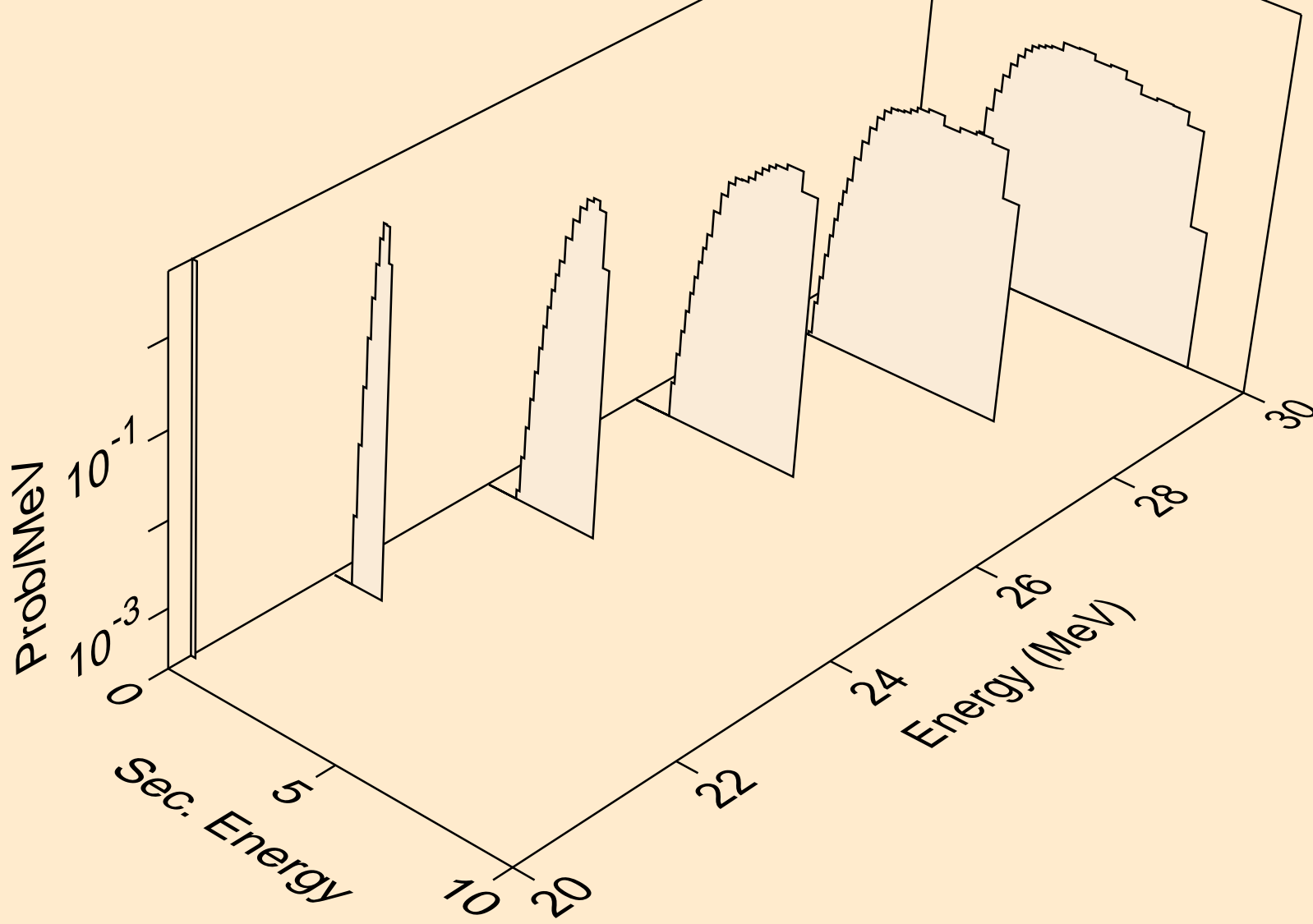
P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,da)



P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,x)

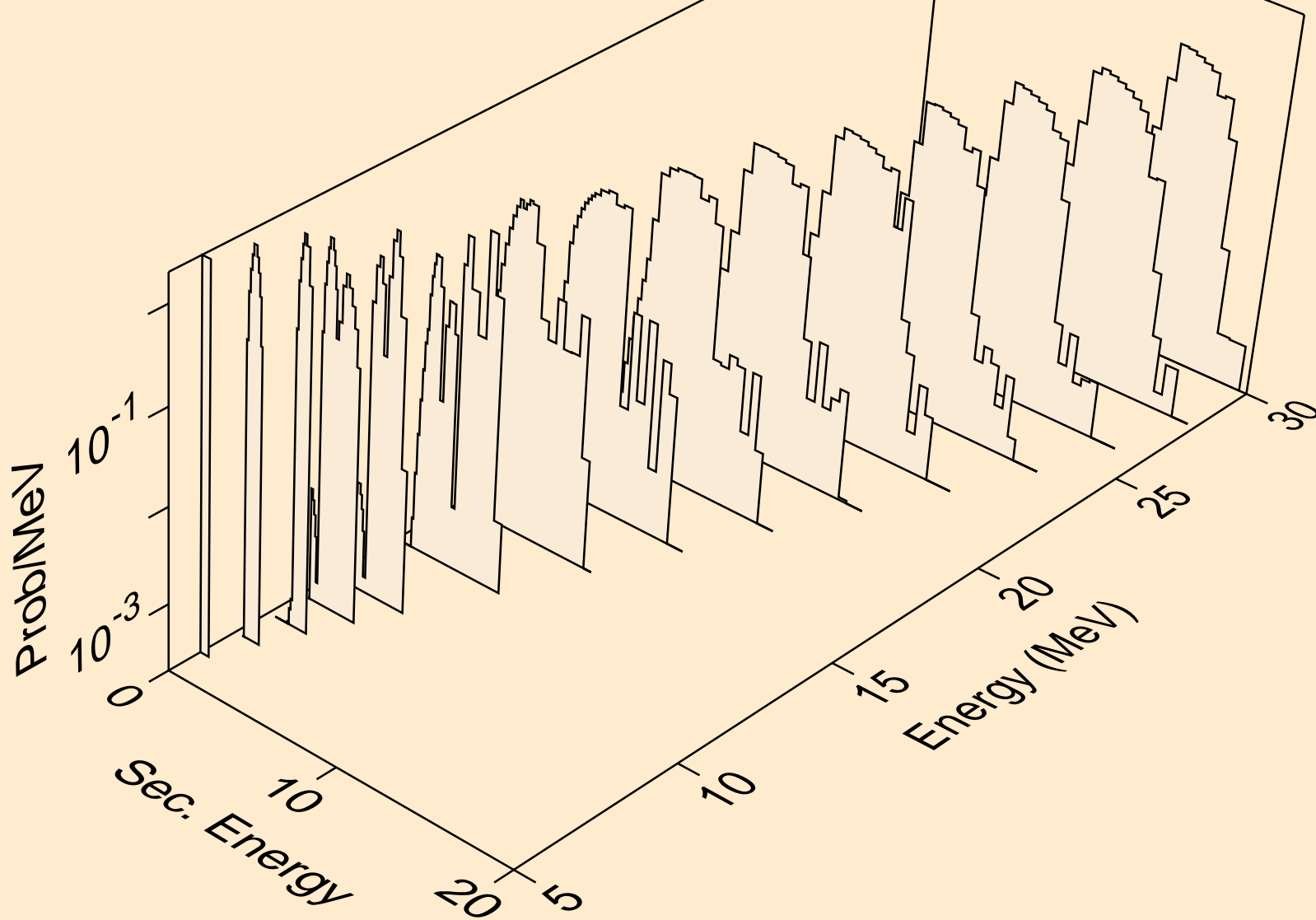


P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,n\*)t

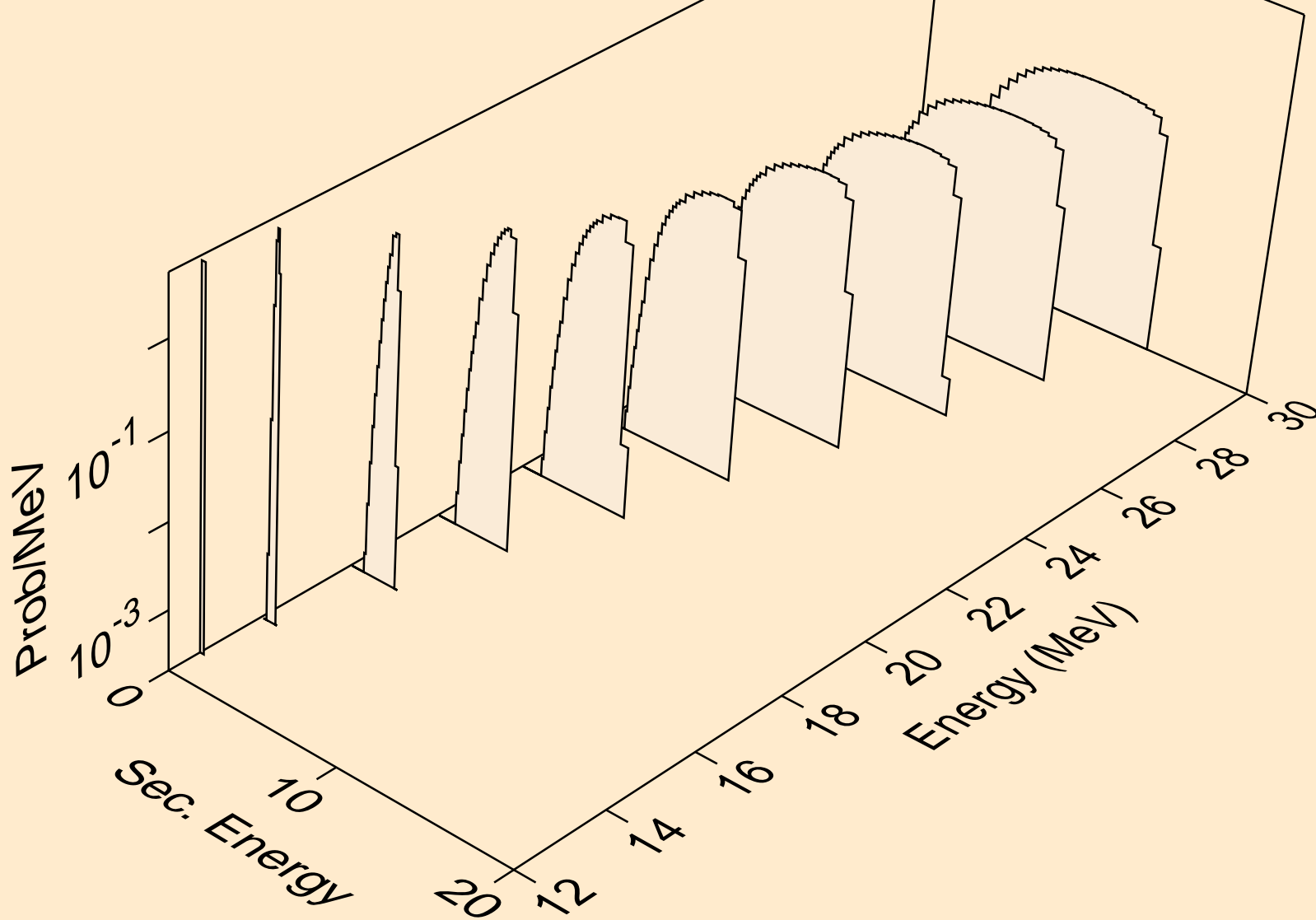




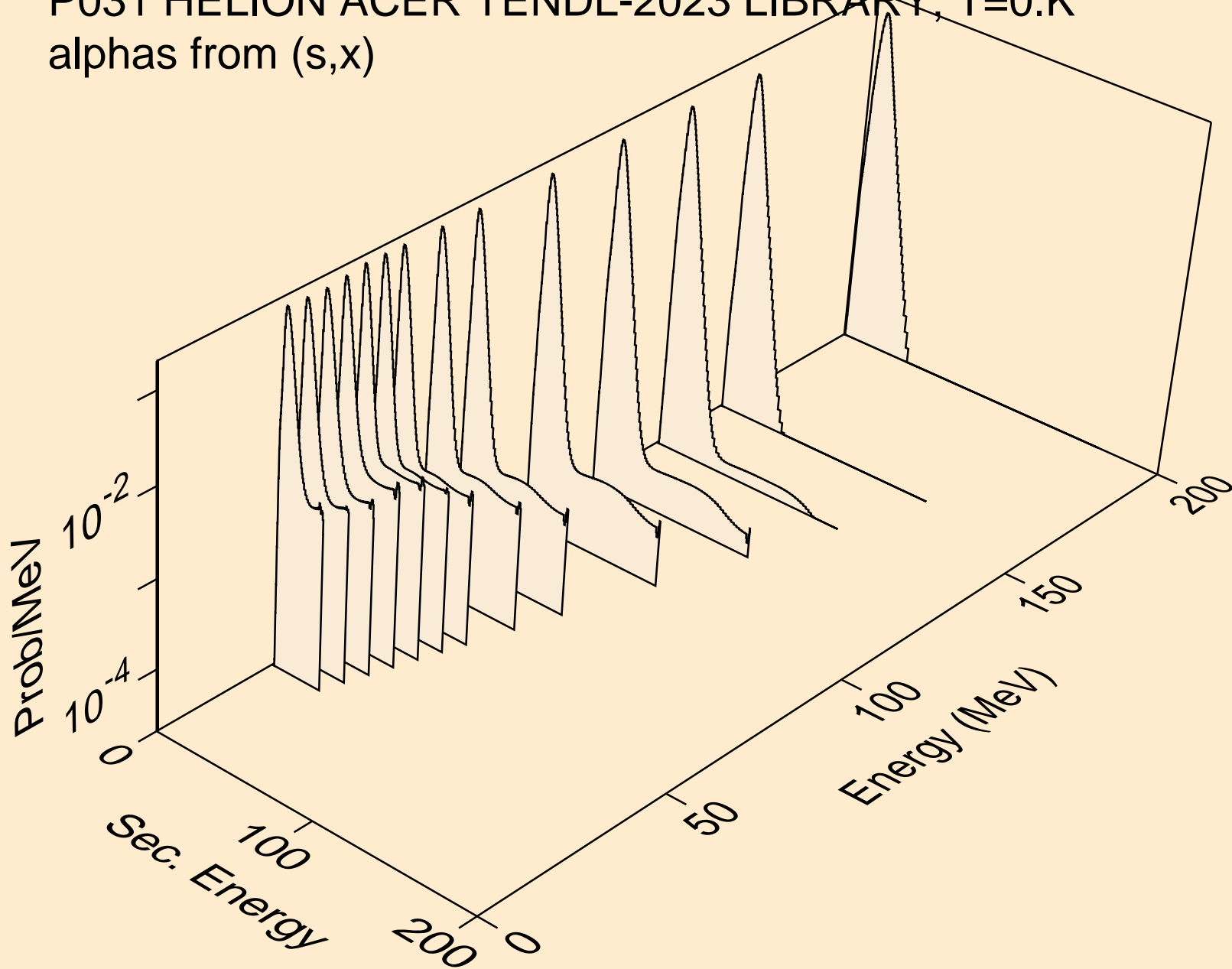
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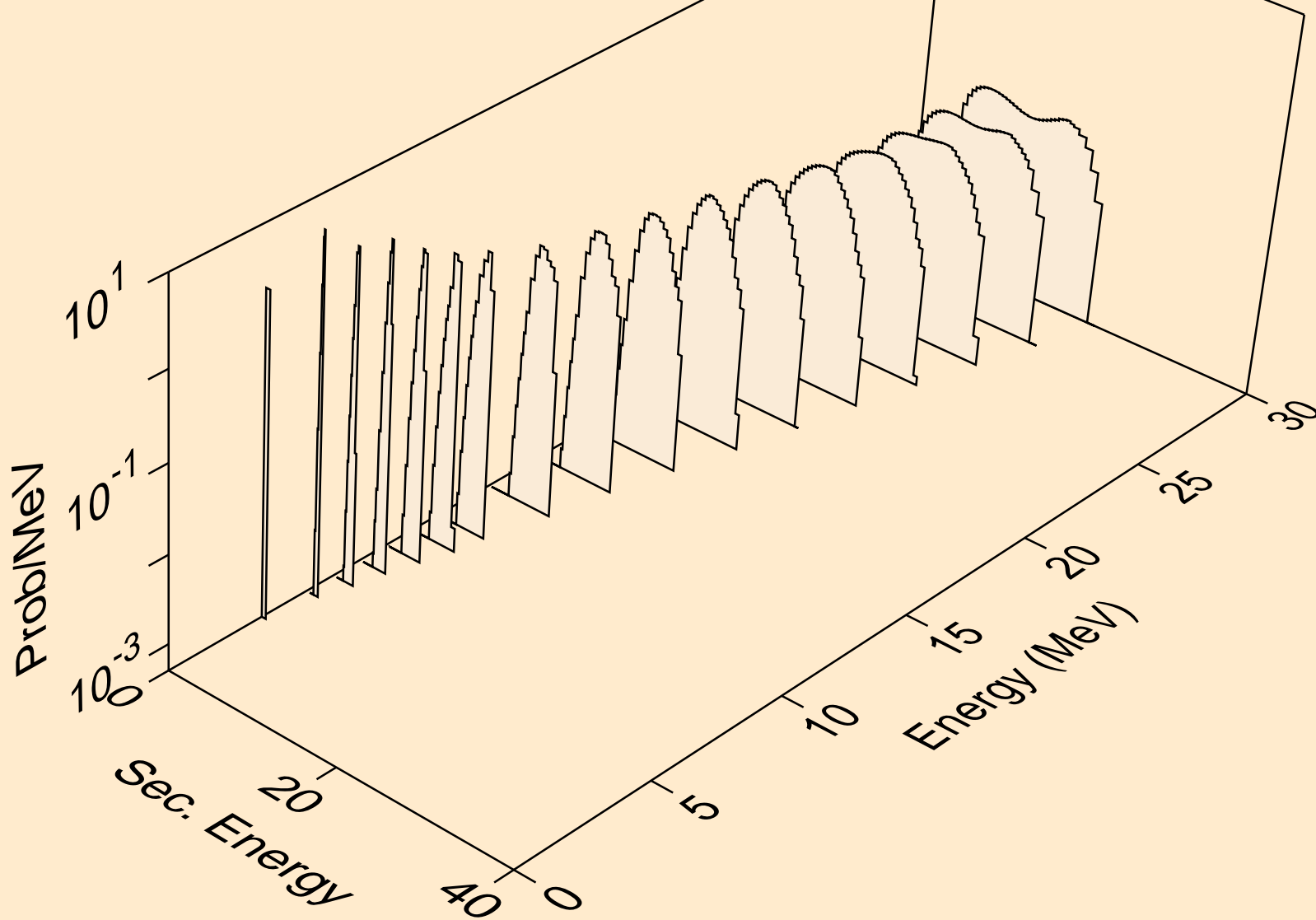
P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,pt)



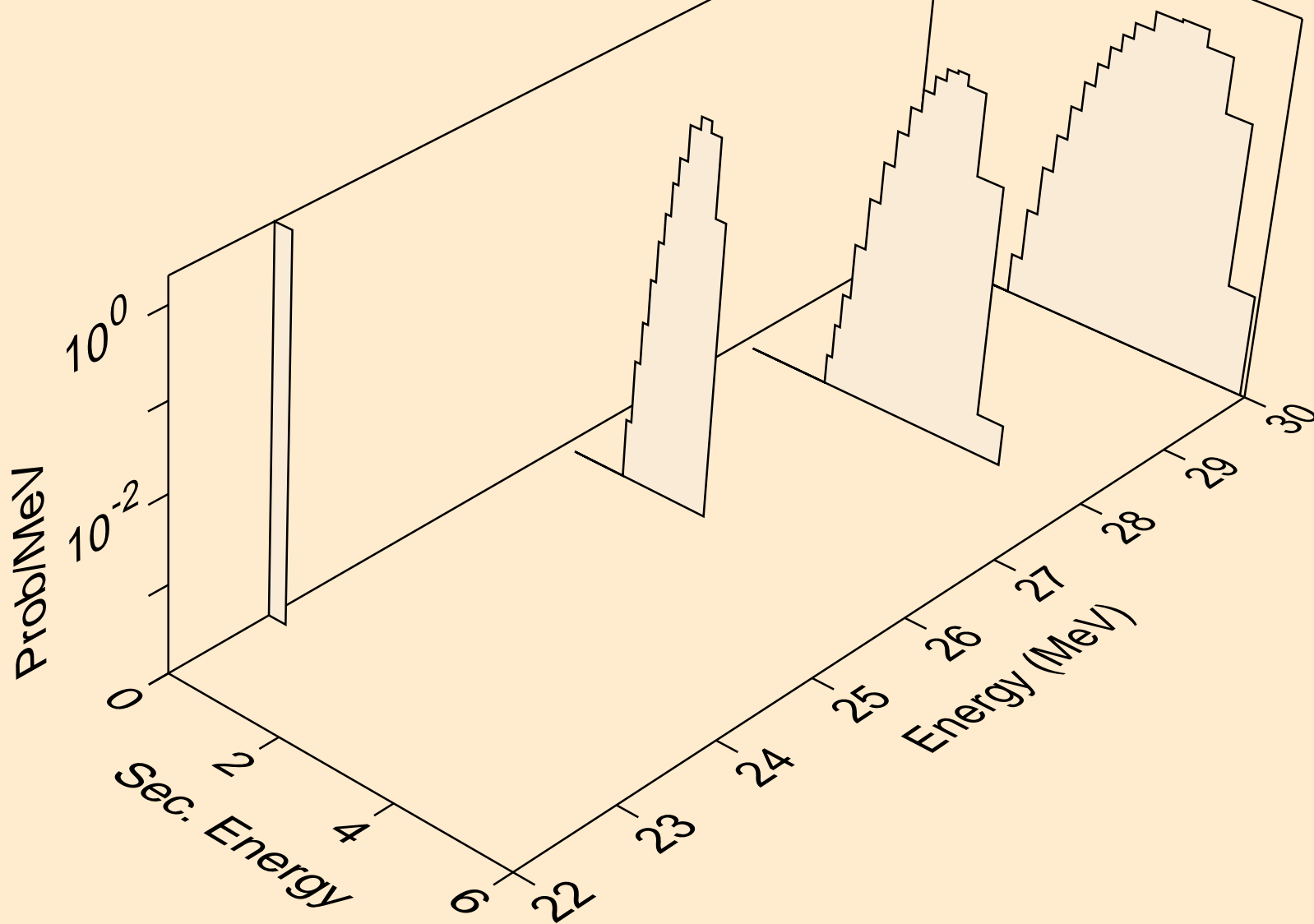
P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,x)



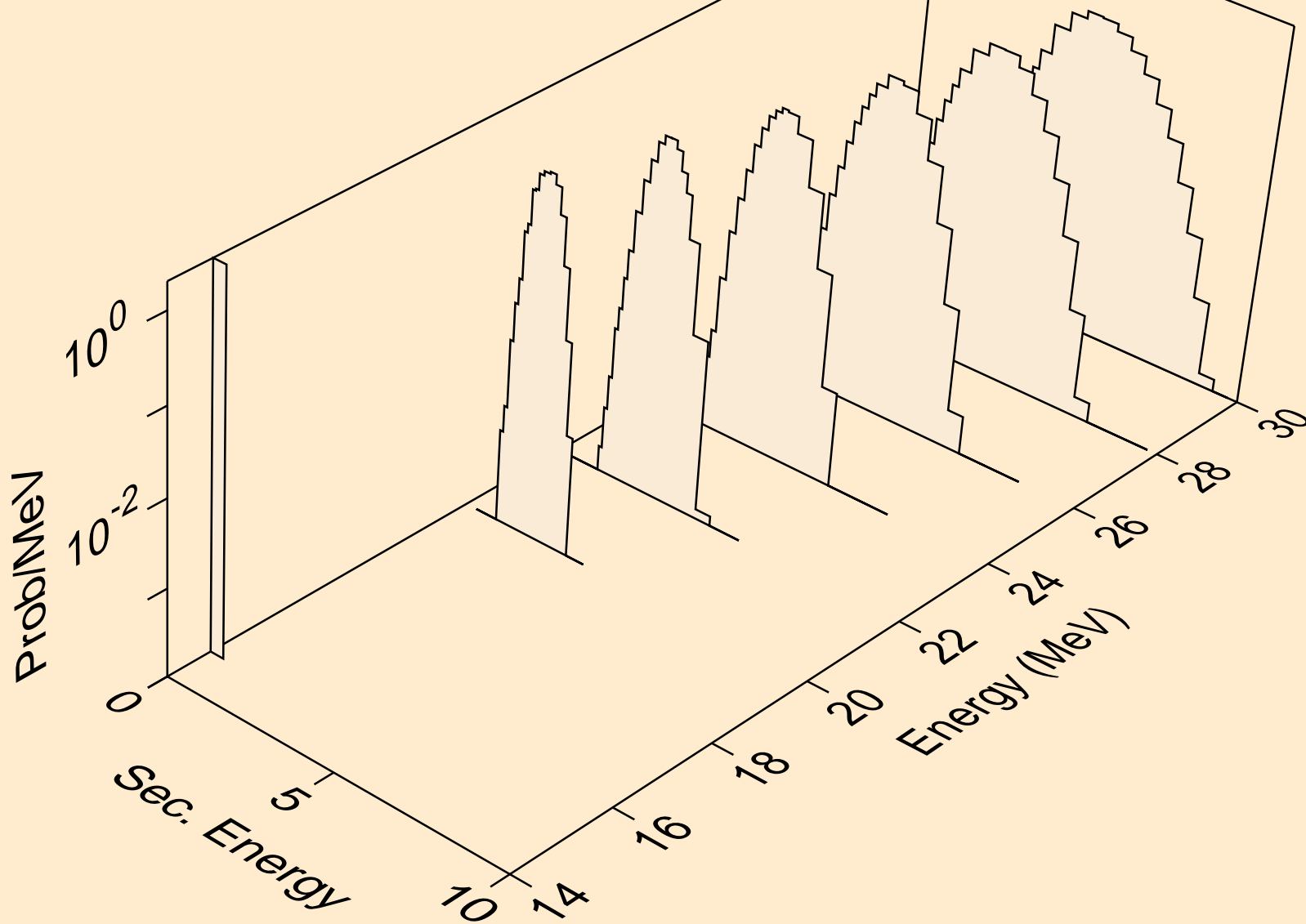
P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)a



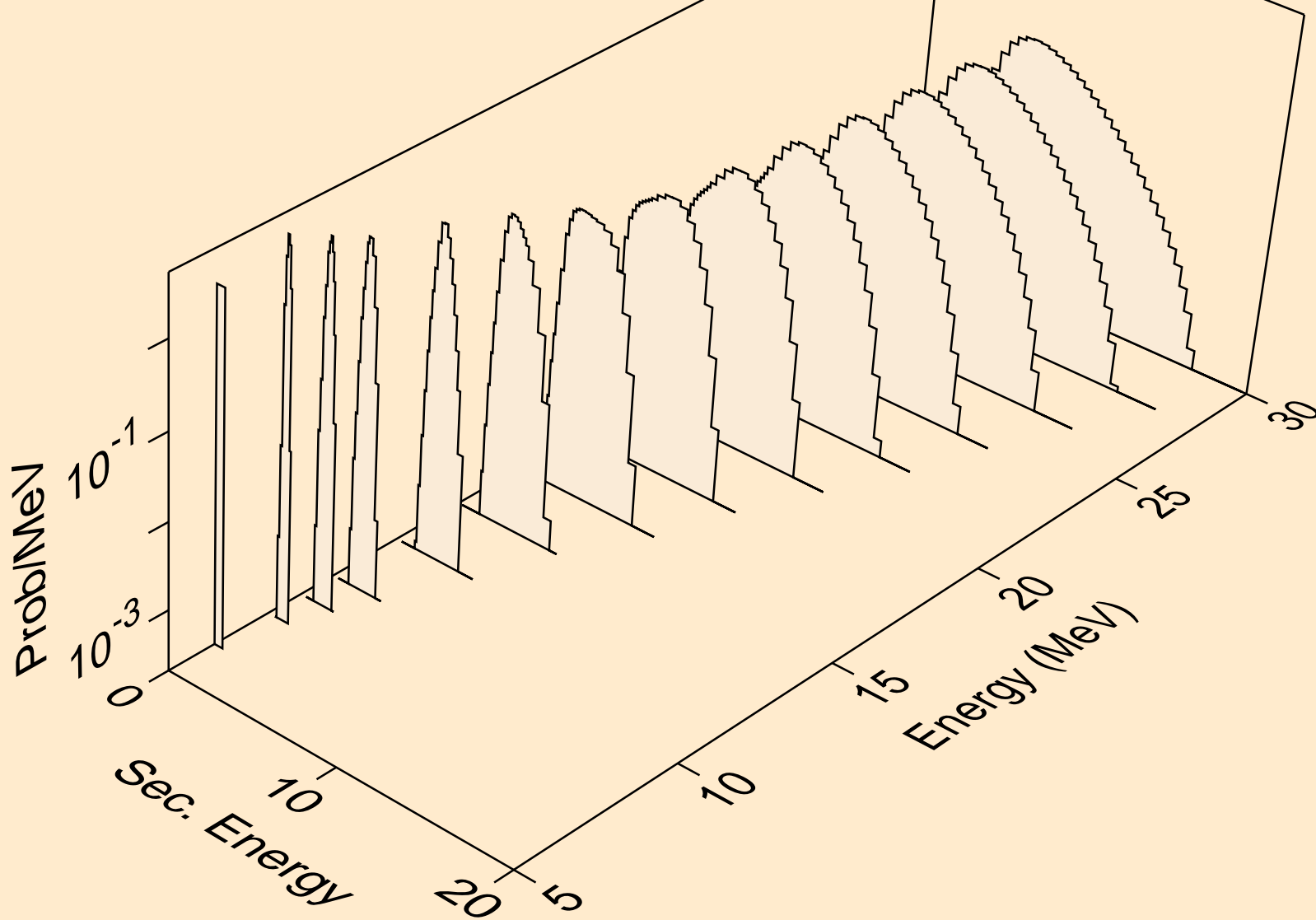
P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2n)a



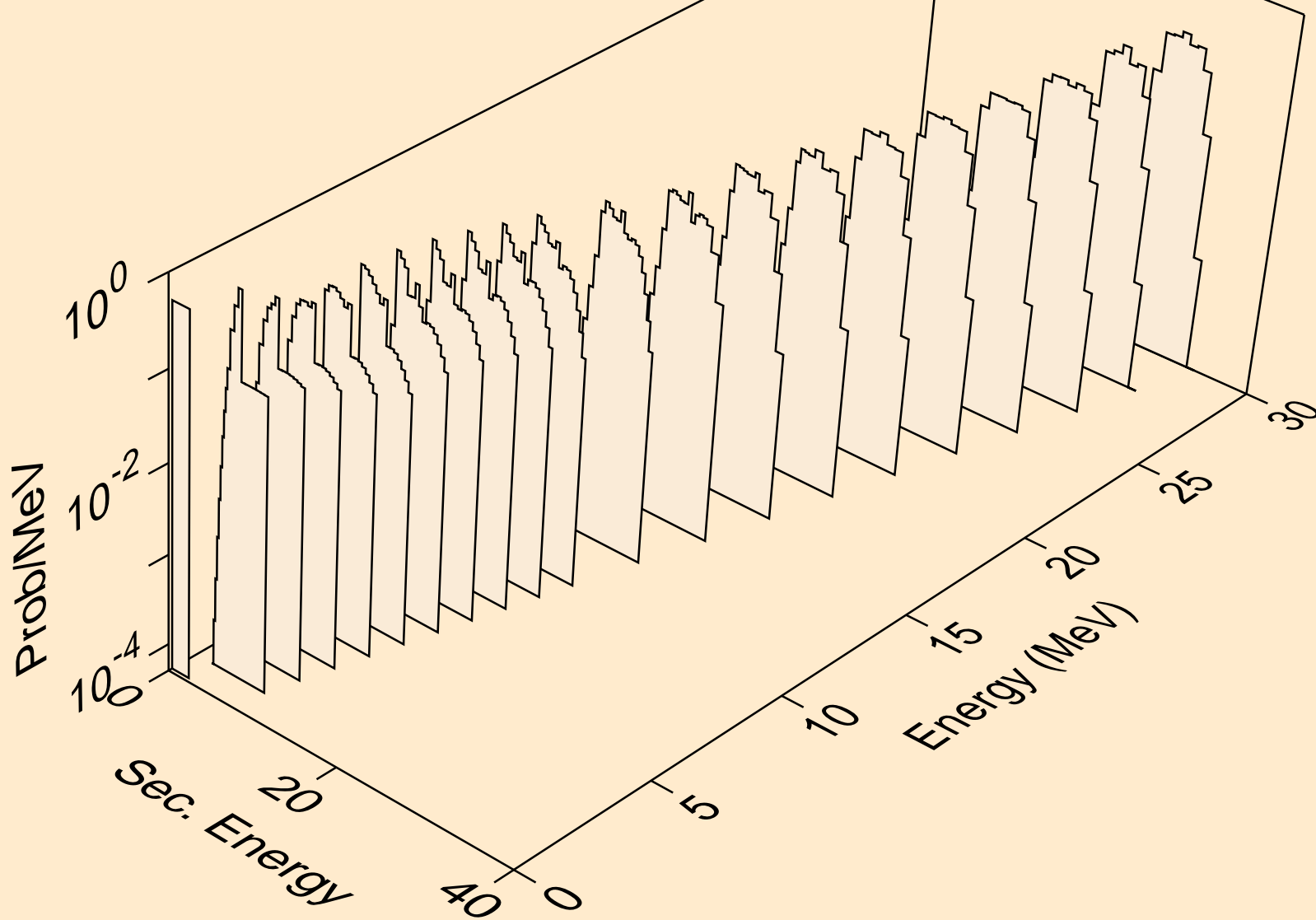
P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)2a



P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,npa)

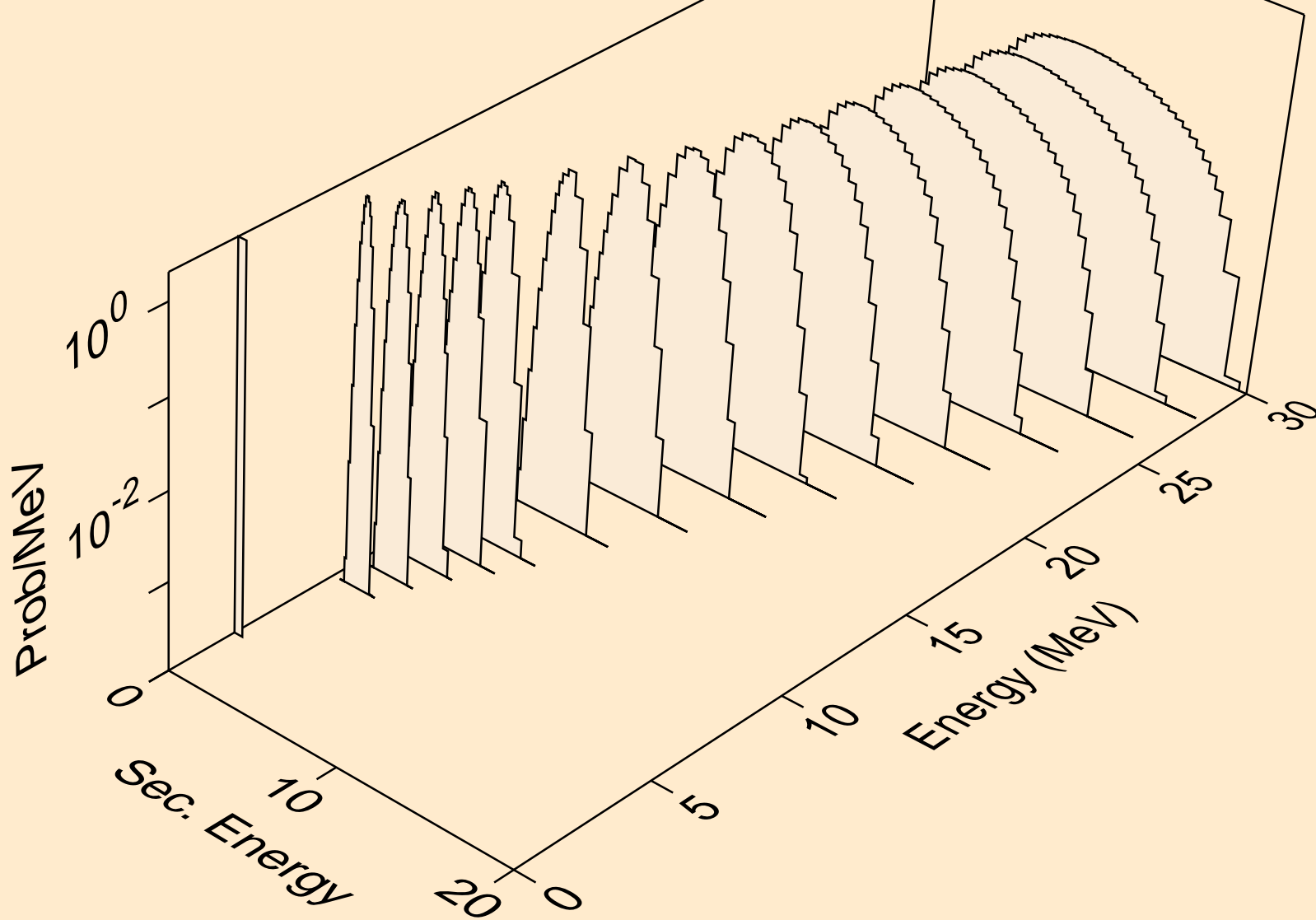


P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,a)

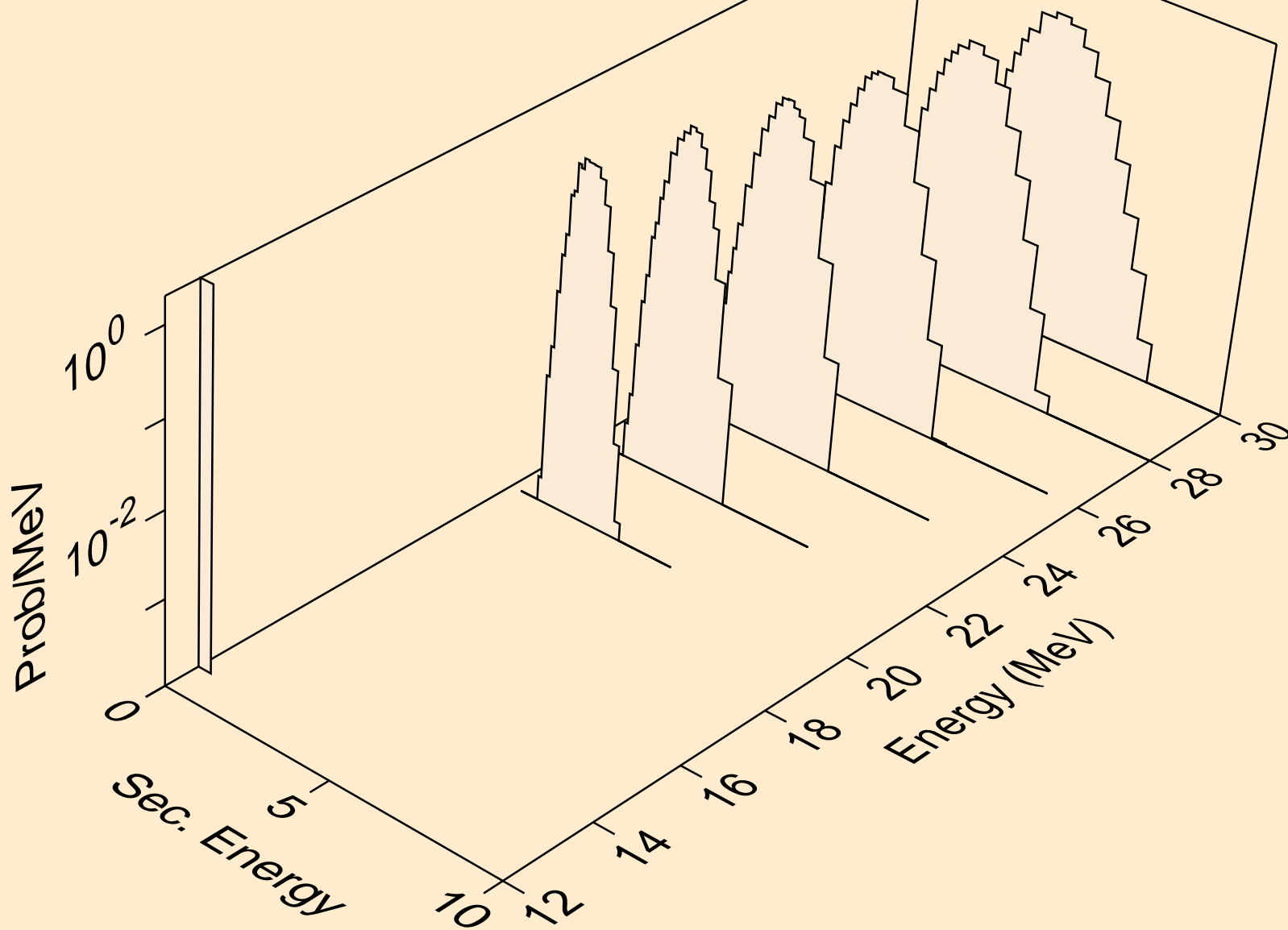




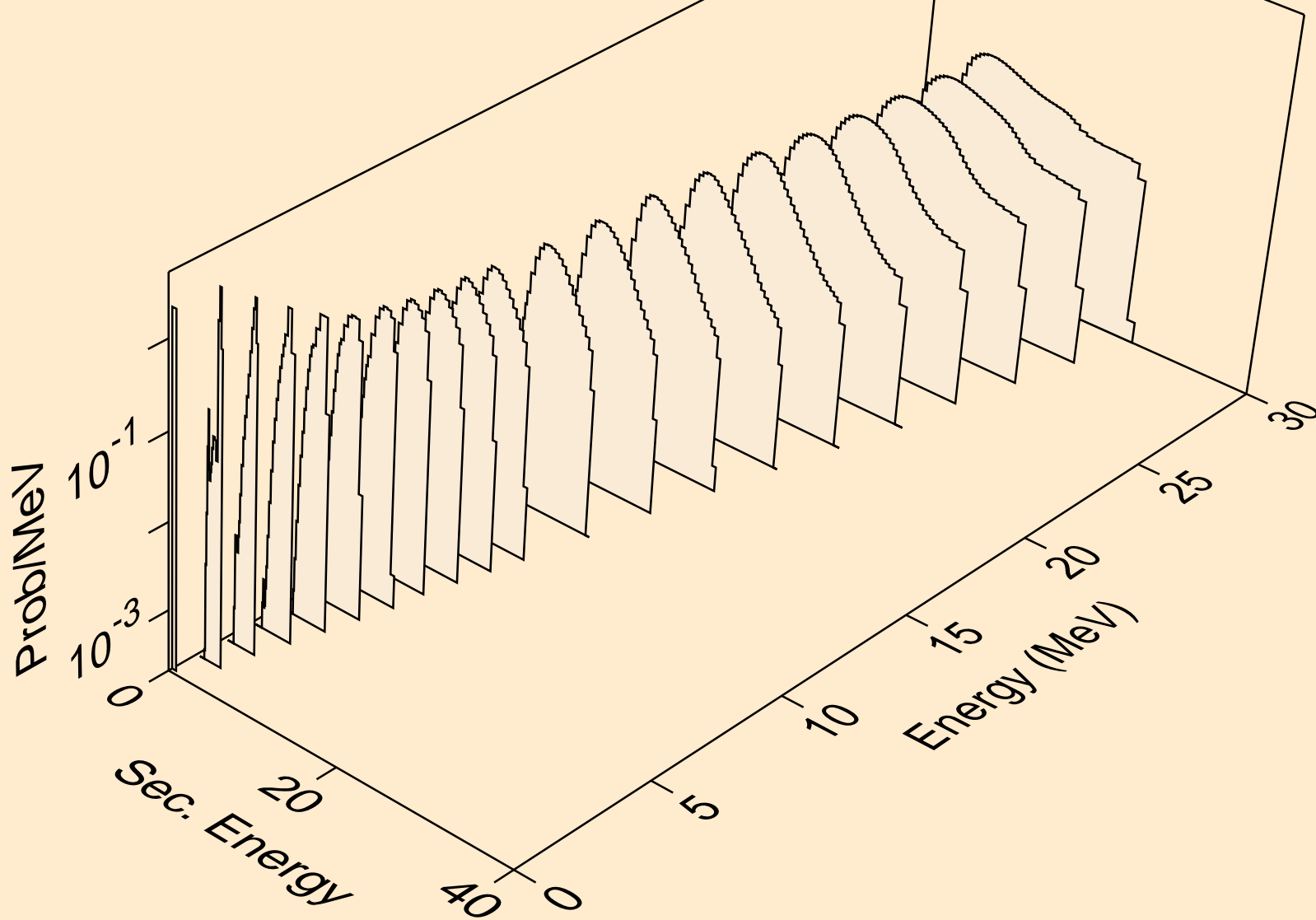
P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2a)



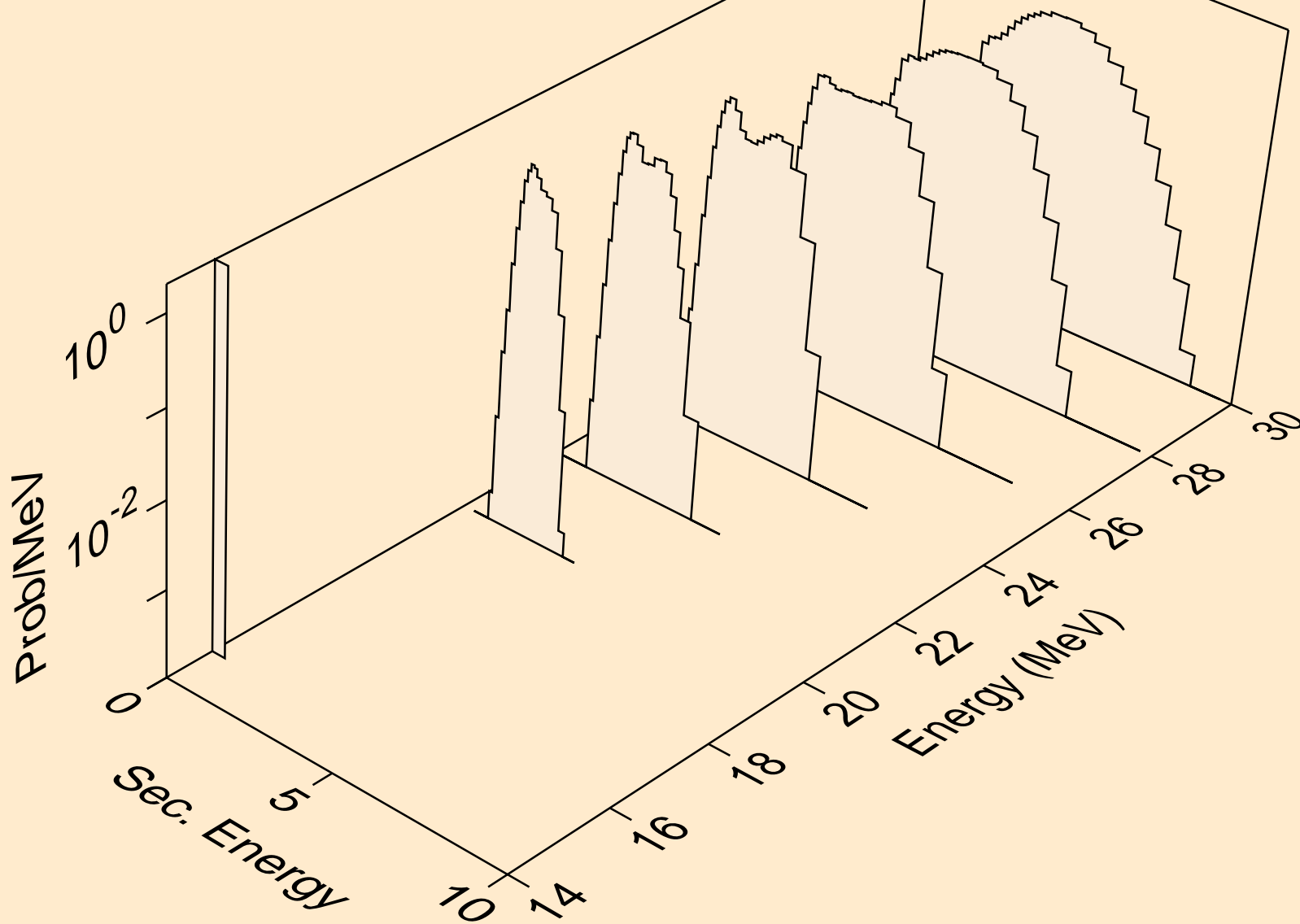
P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,3a)



P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,pa)



P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,d2a)



P031 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,da)

