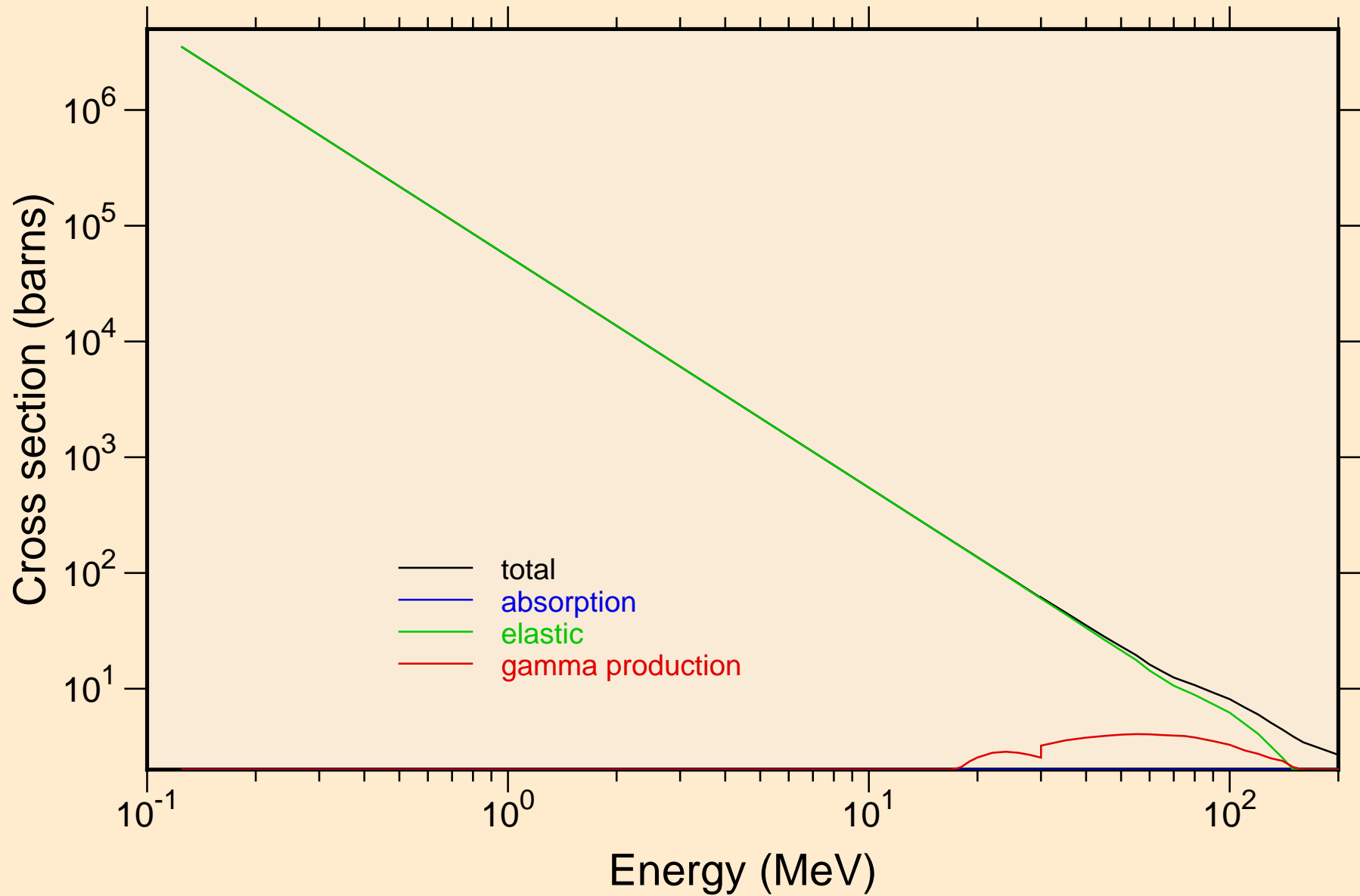
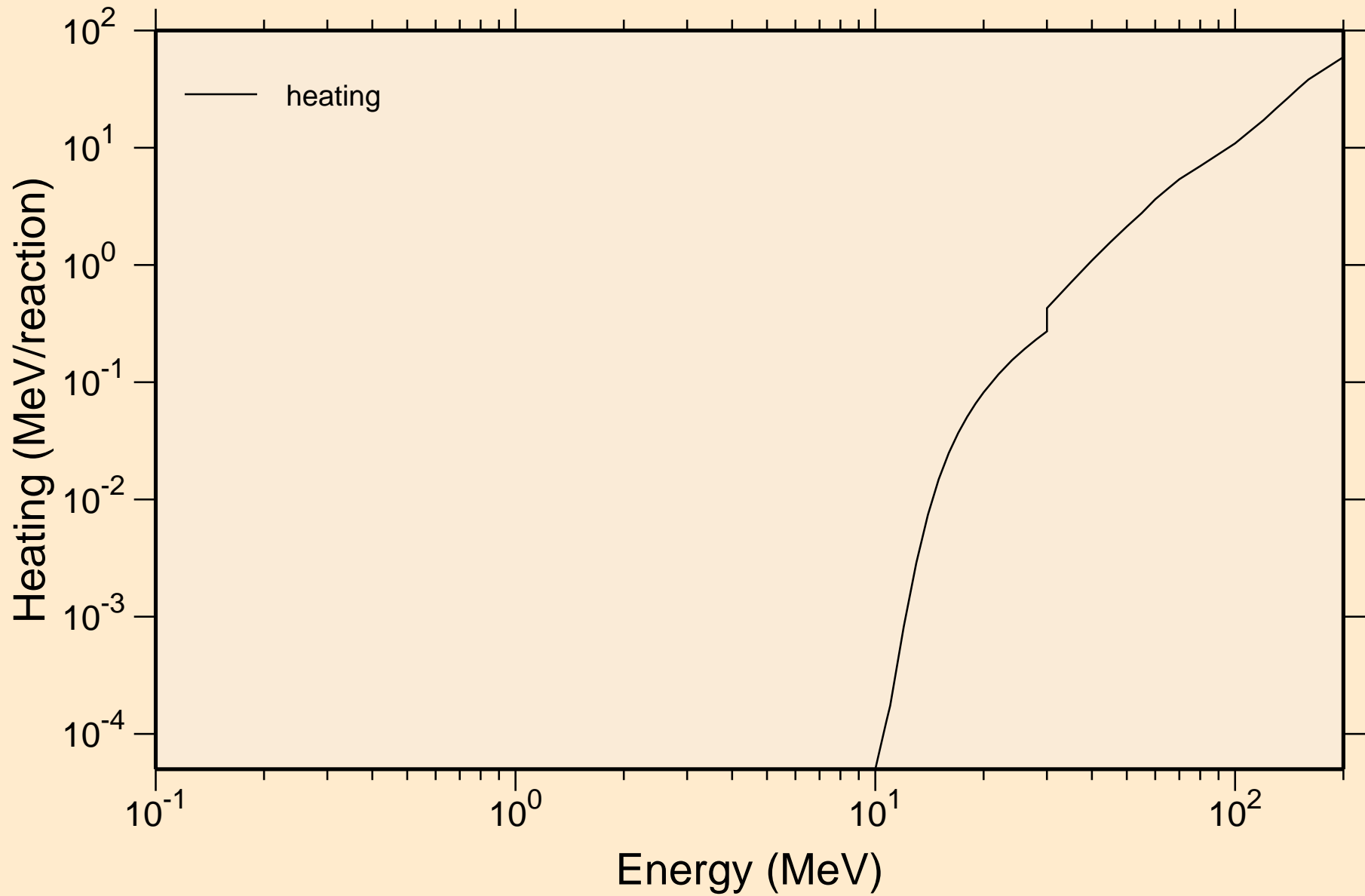


PD117 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



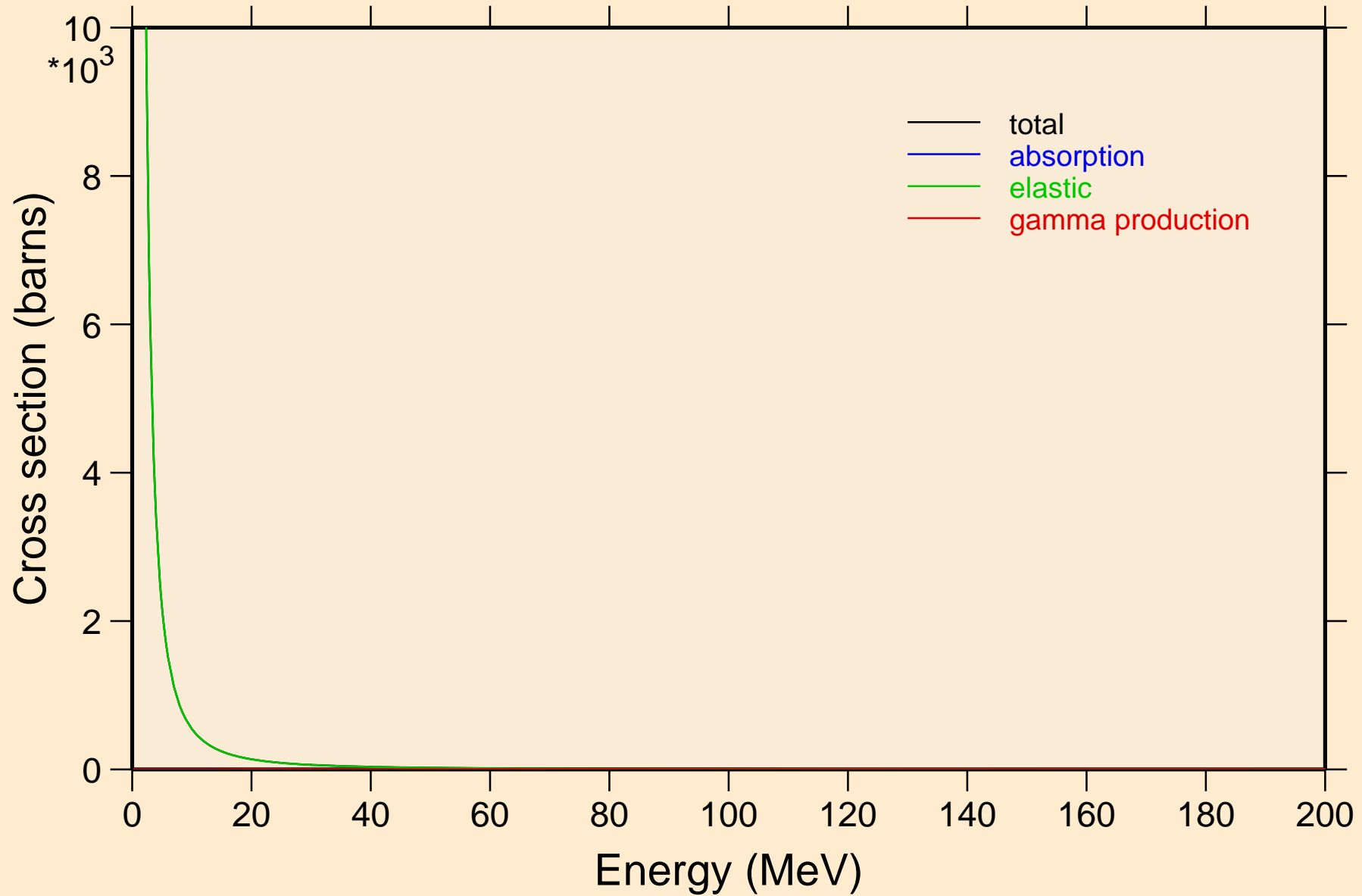
PD117 HELION ACER TENDL-2023 LIBRARY; T=0.K

Heating



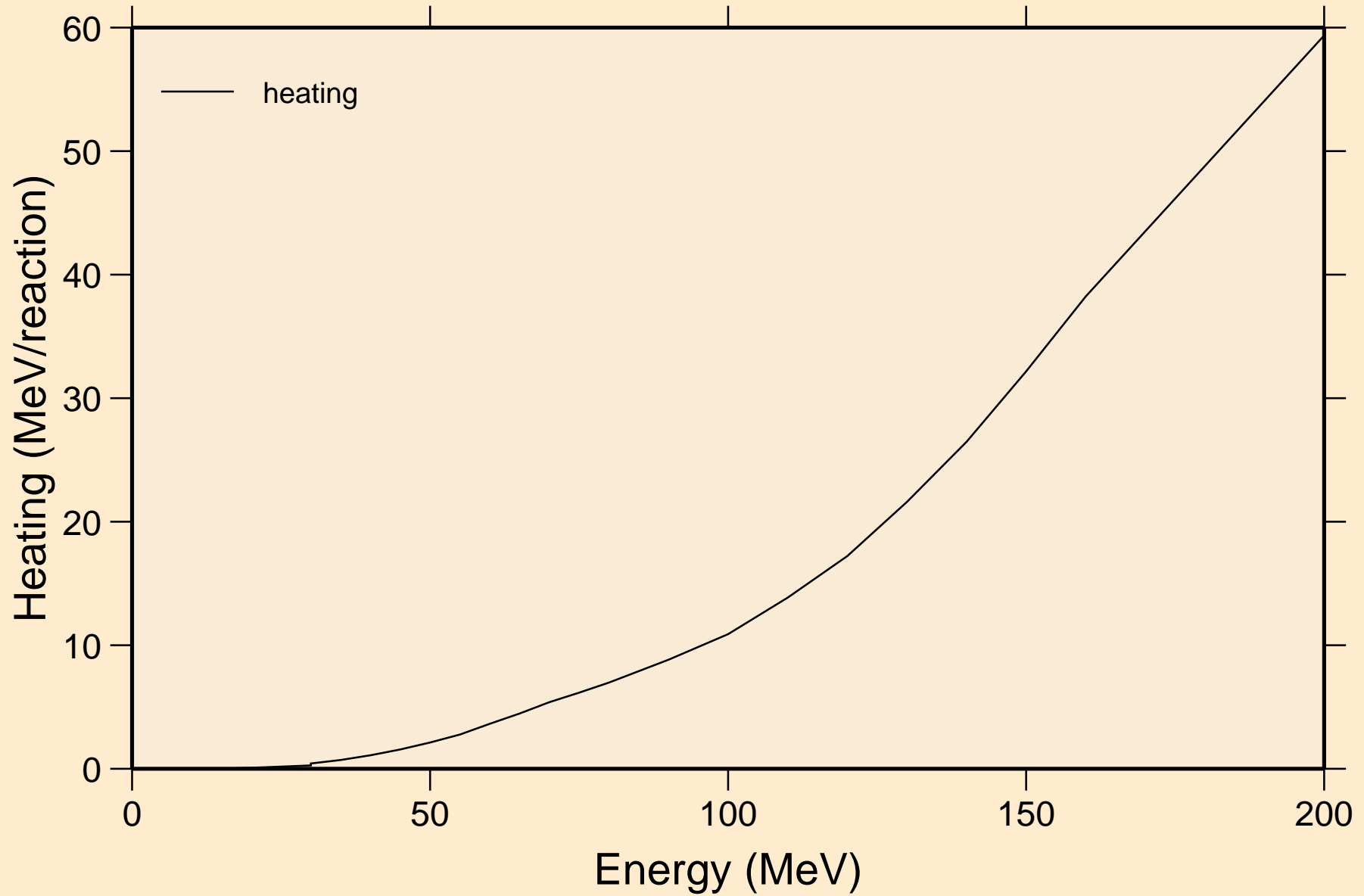
# PD117 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

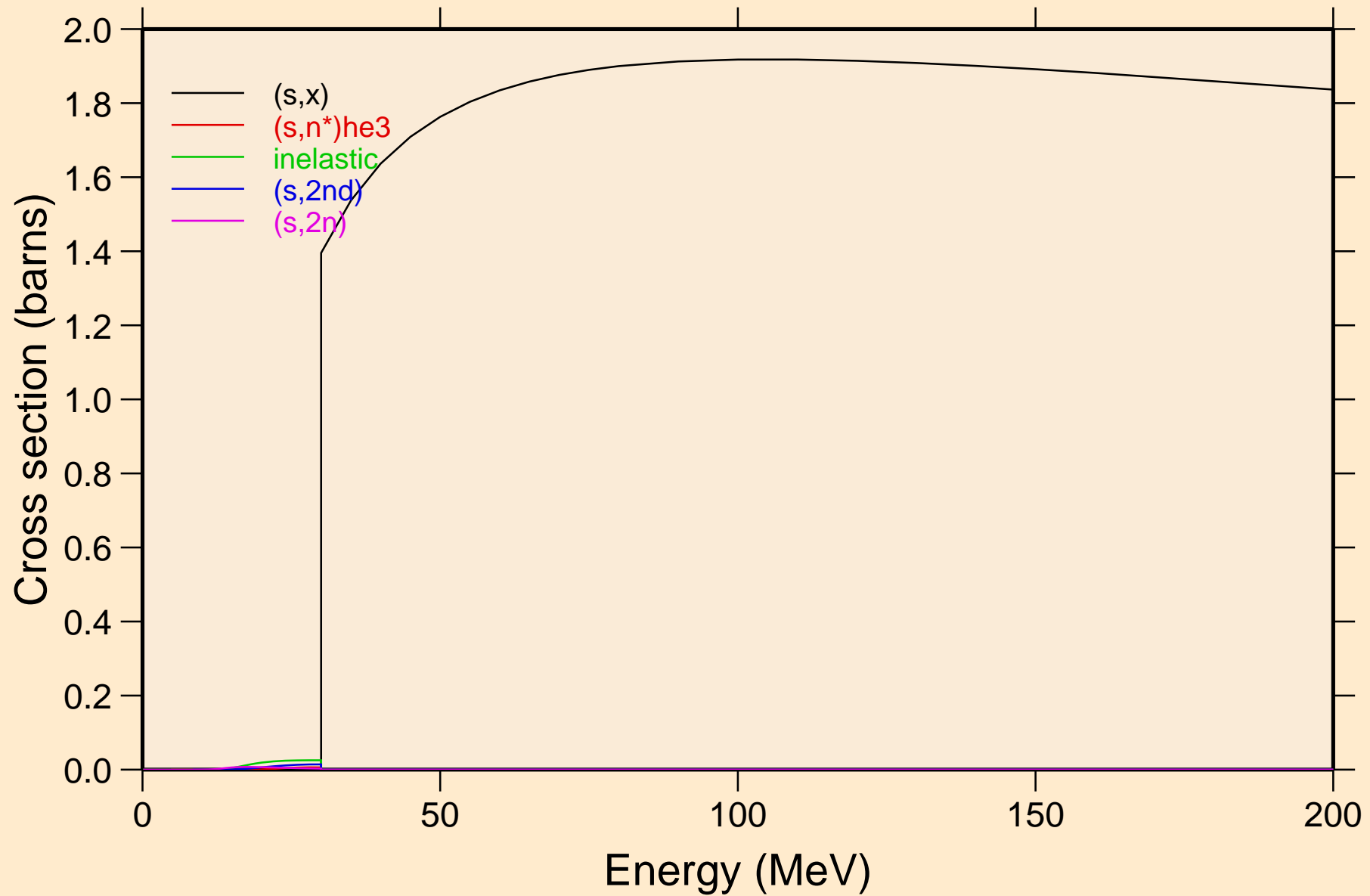


PD117 HELION ACER TENDL-2023 LIBRARY; T=0.K

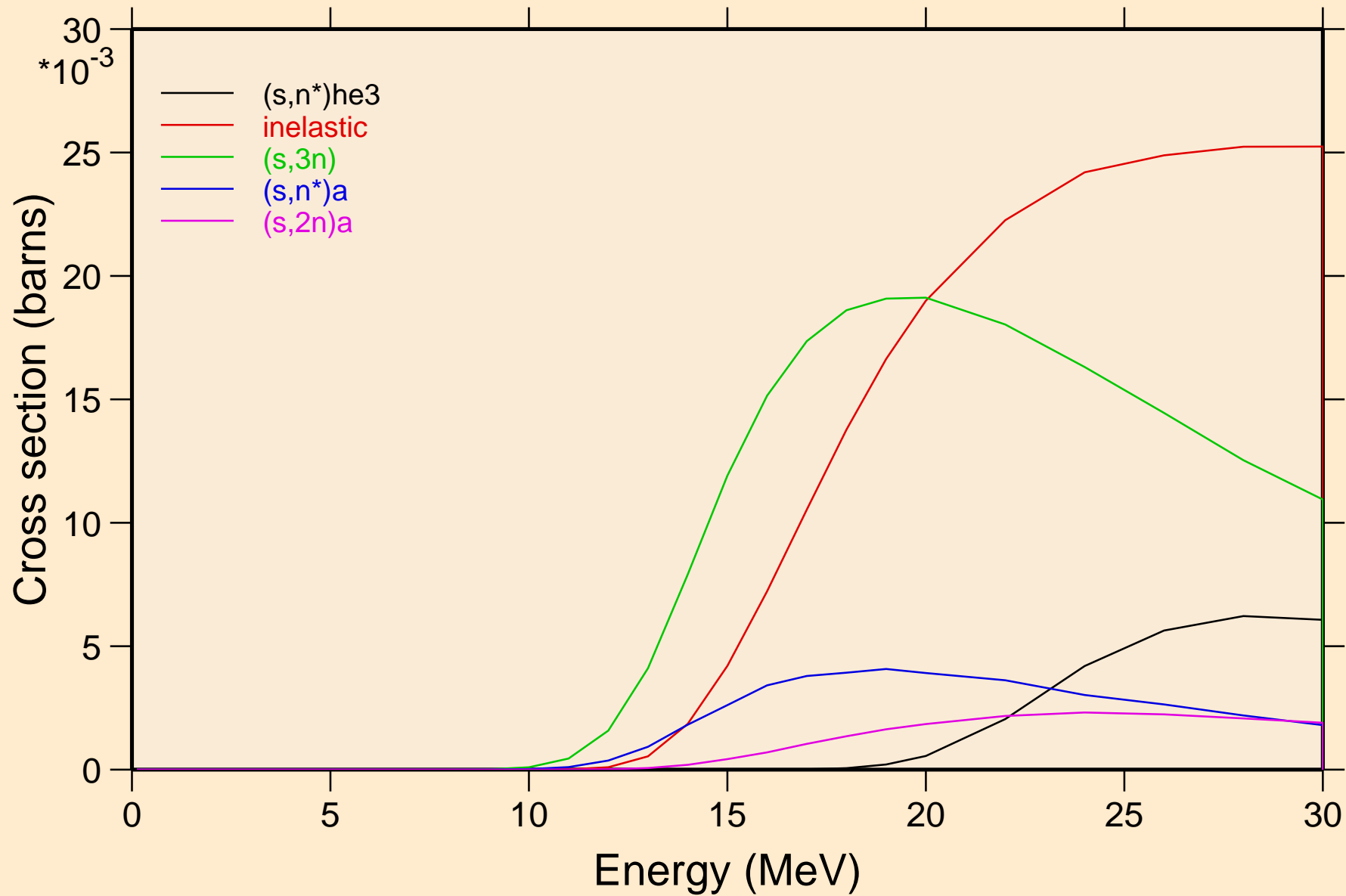
Heating



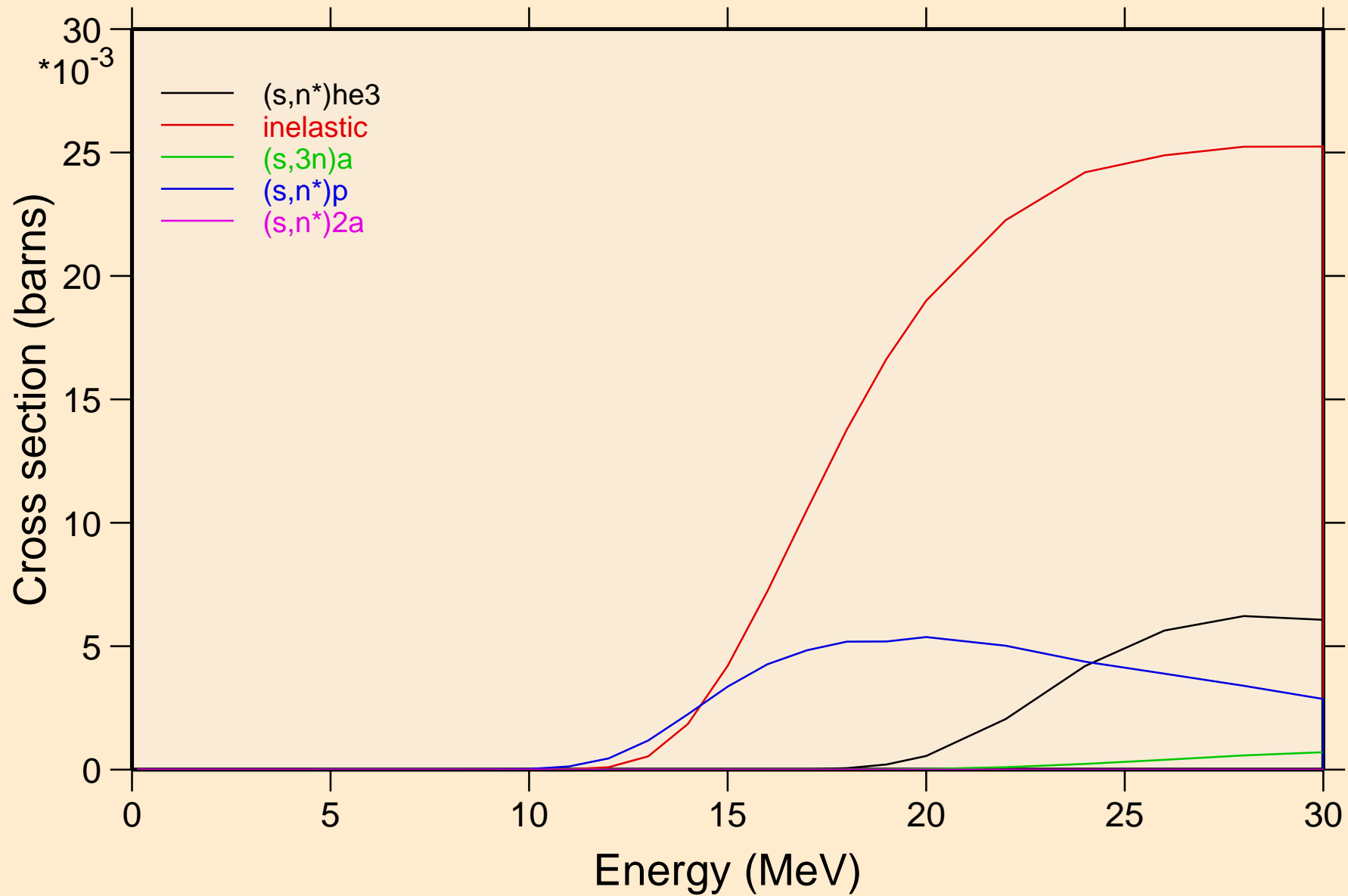
PD117 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



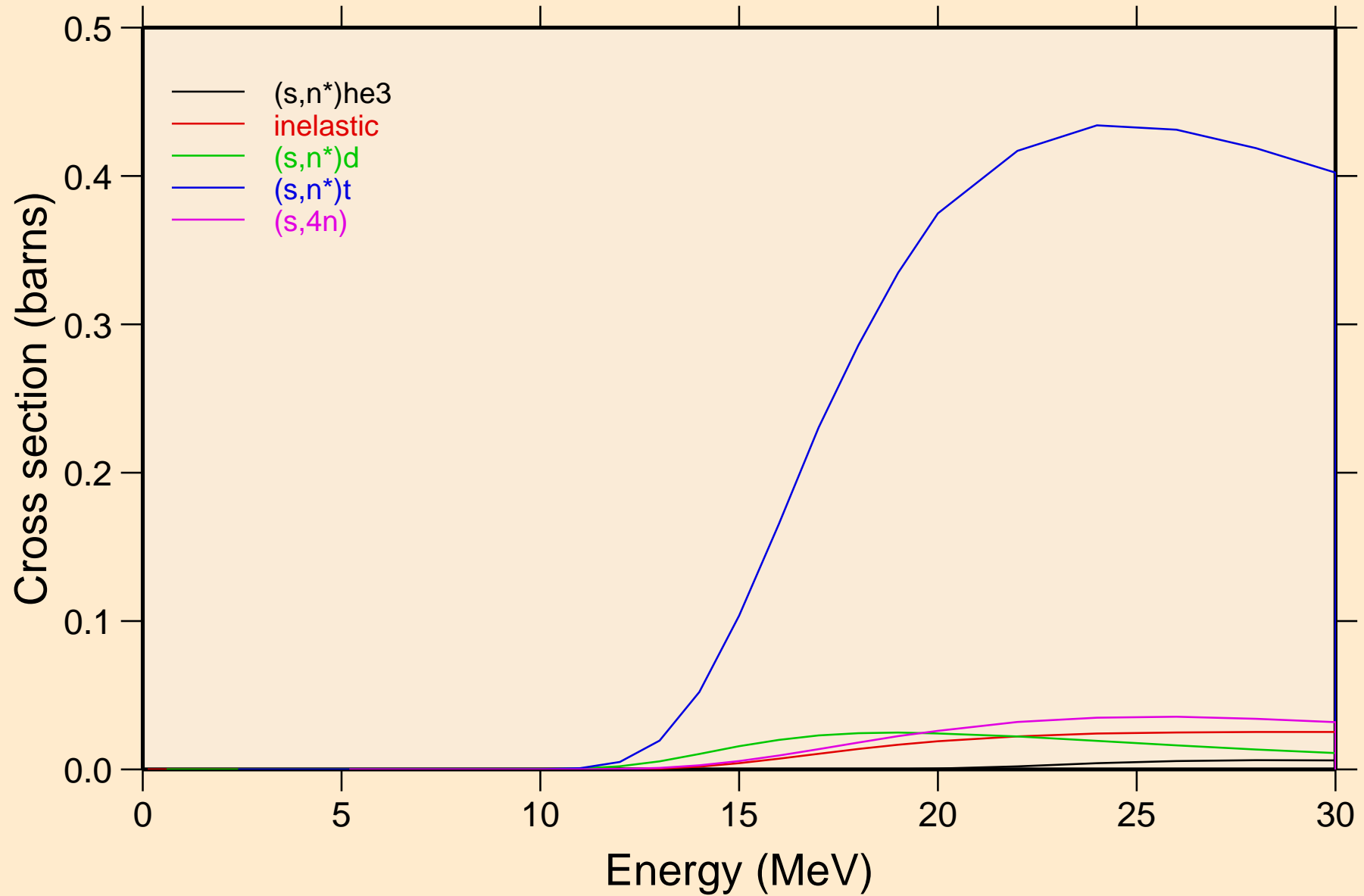
PD117 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



PD117 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

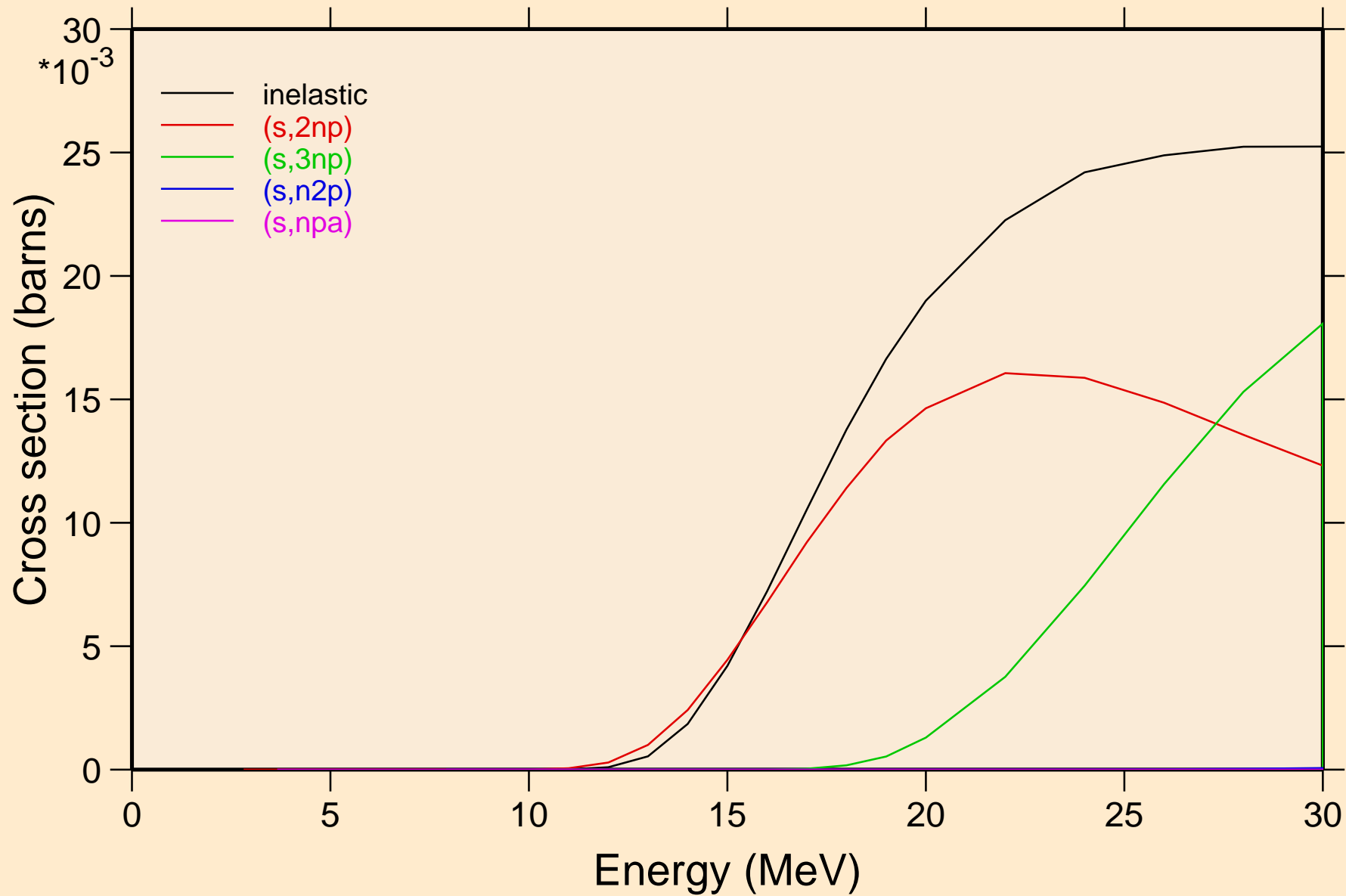


PD117 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

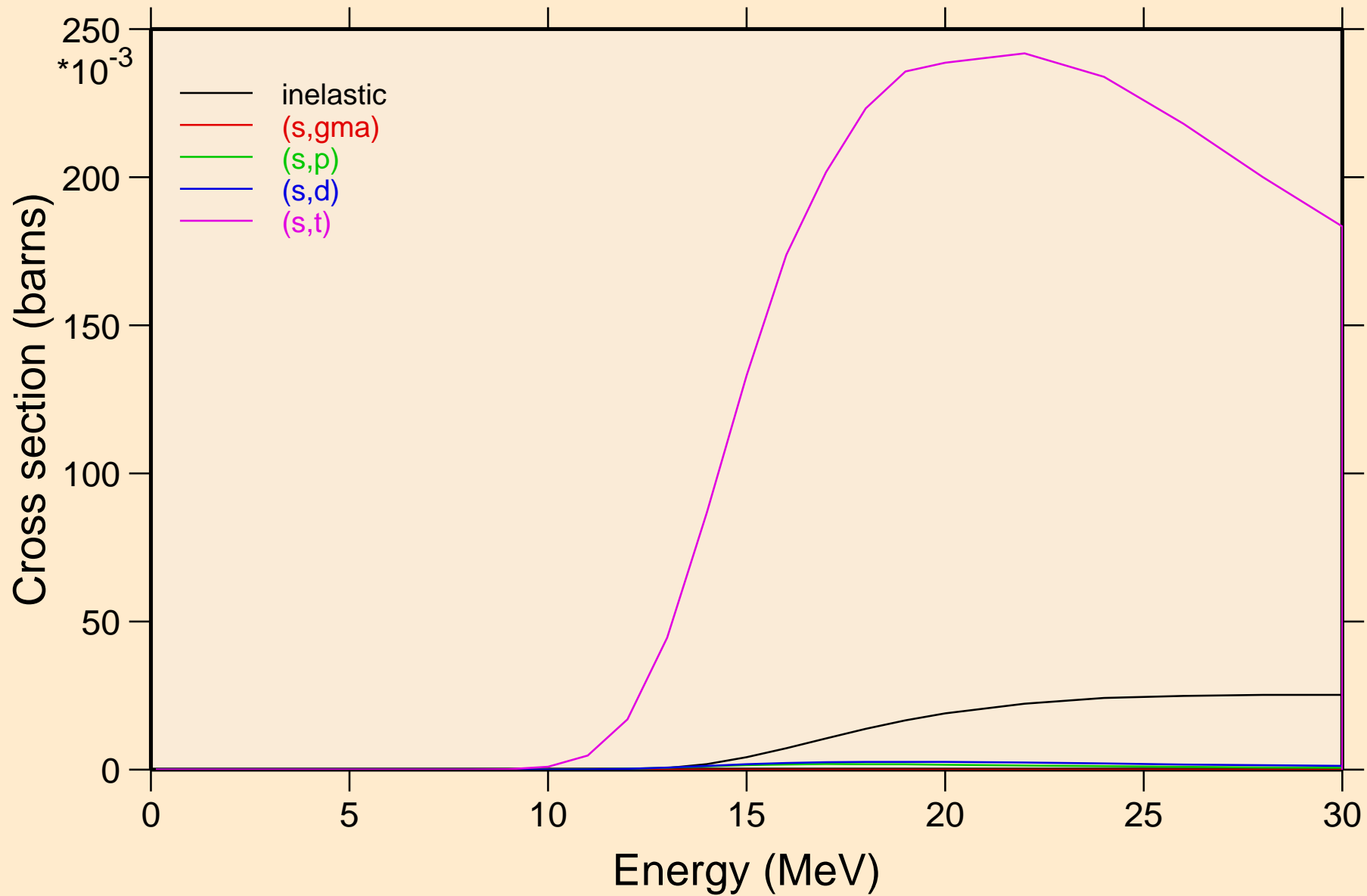




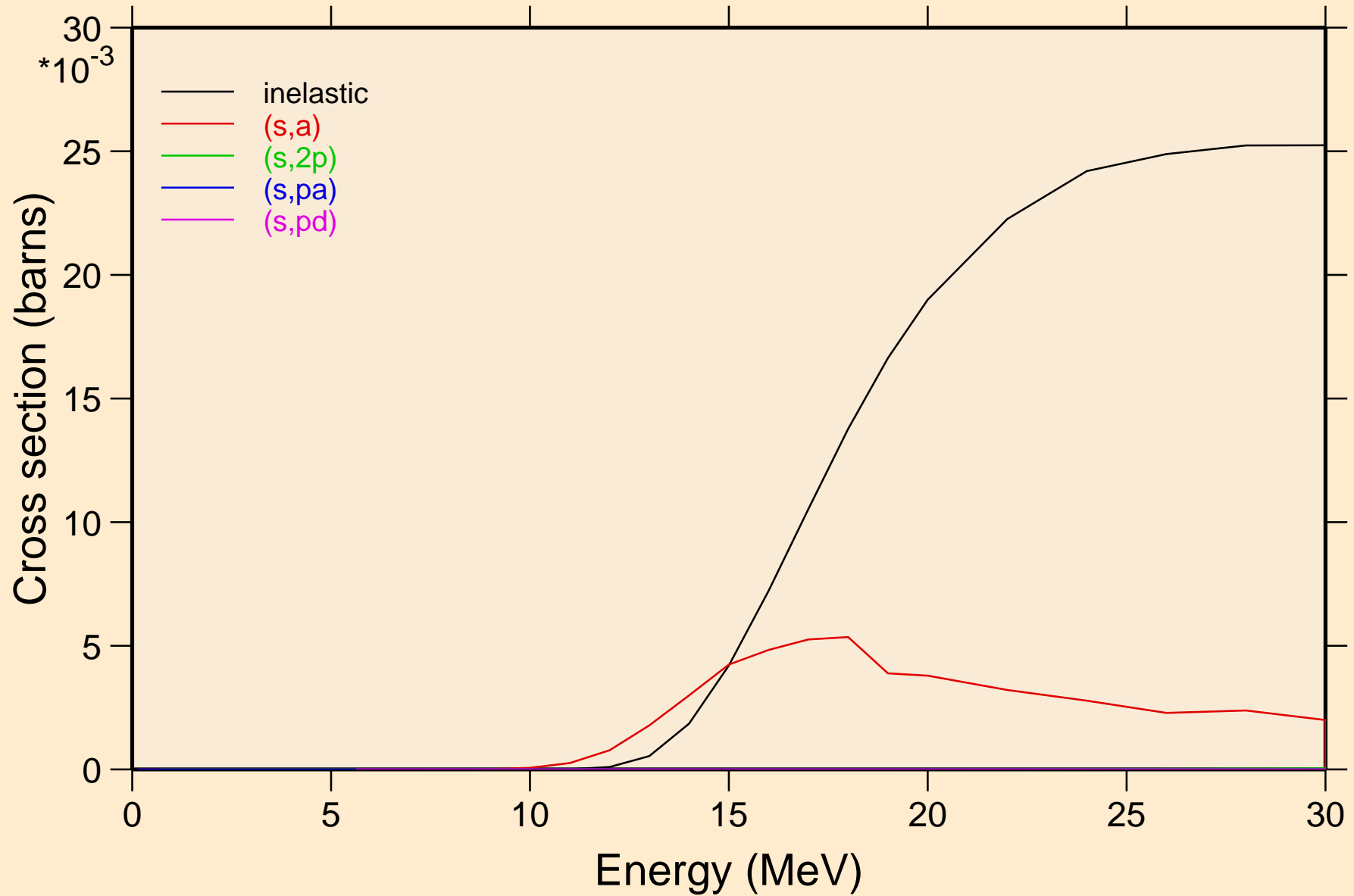
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Threshold reactions



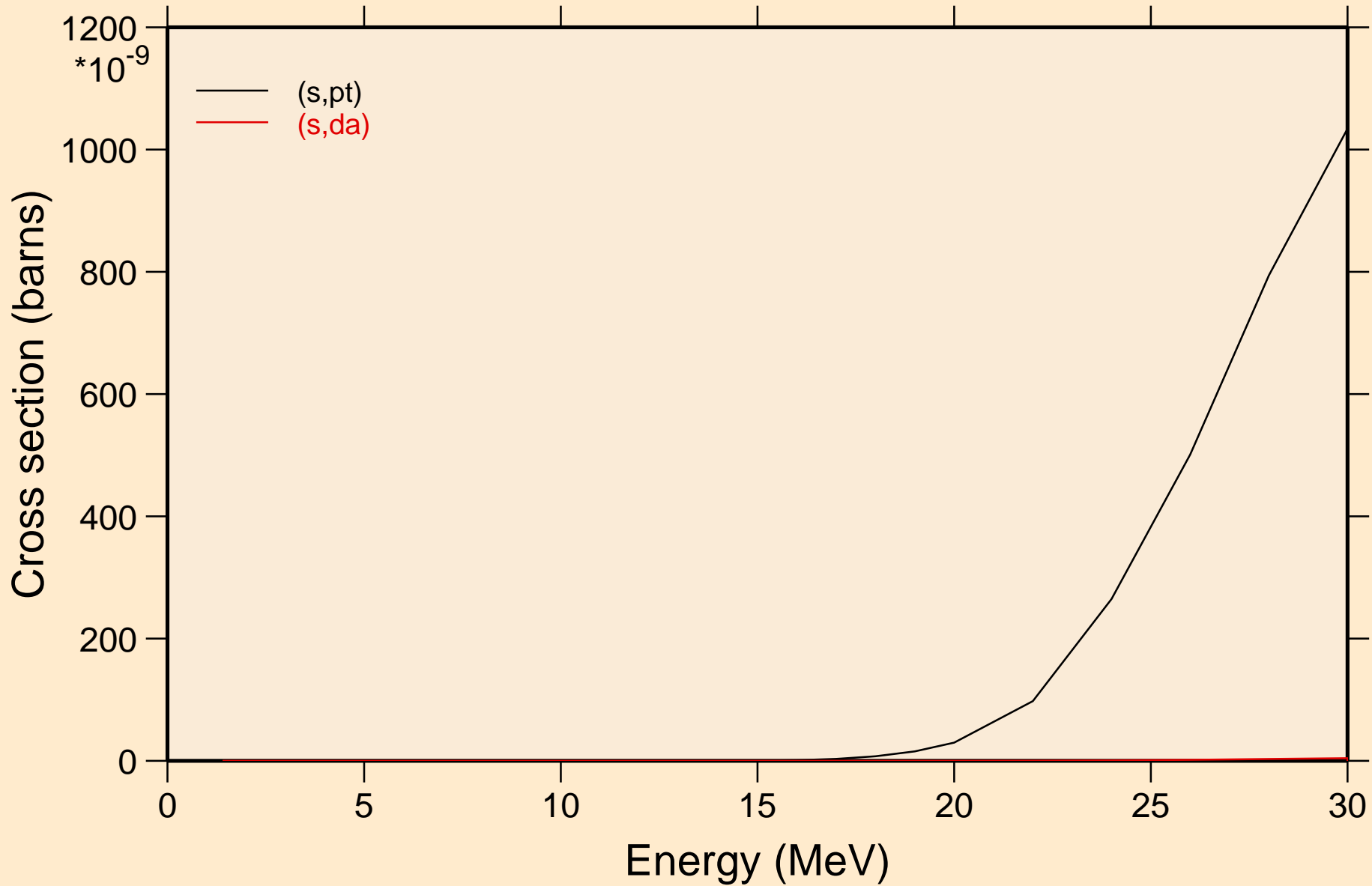
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Threshold reactions



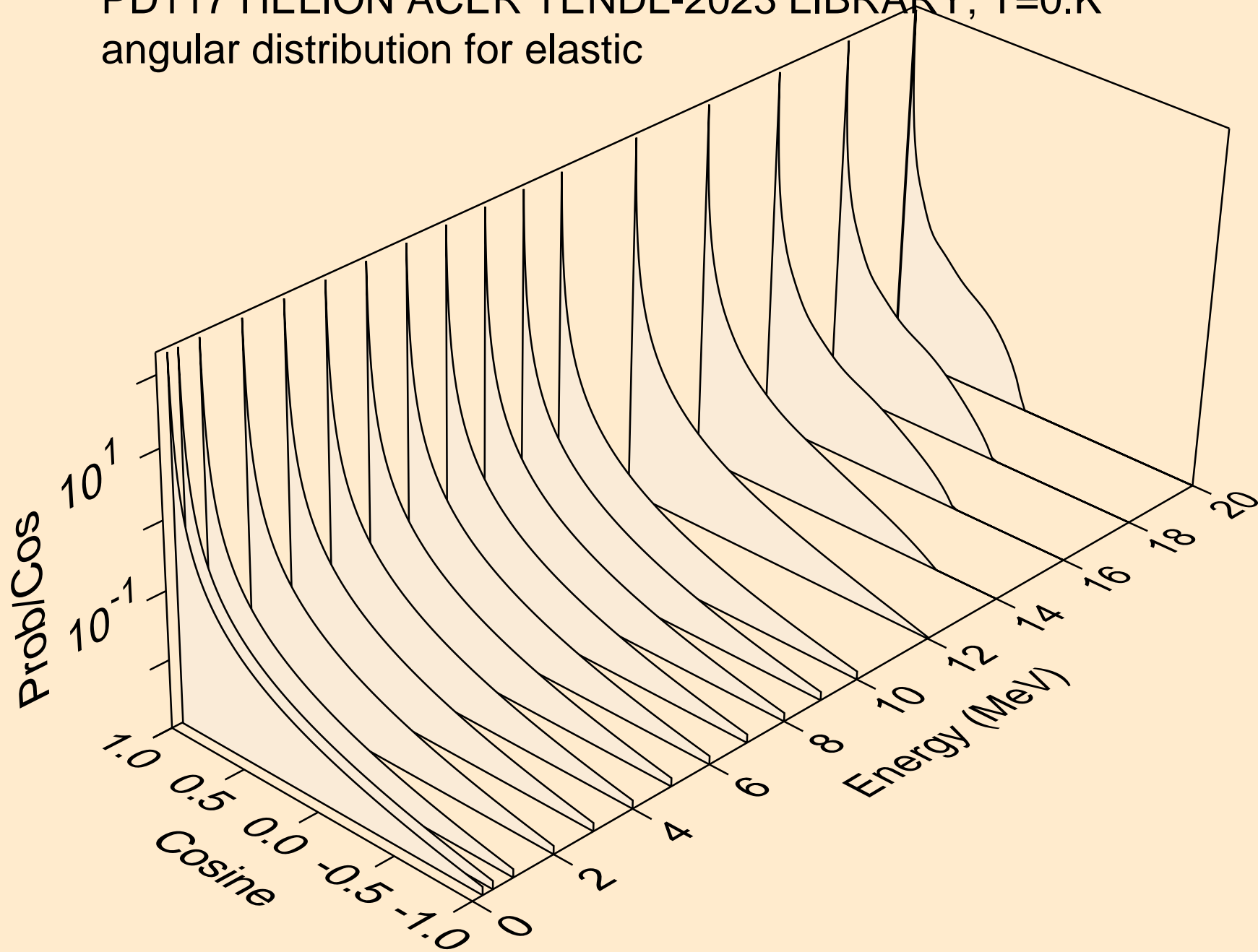
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Threshold reactions



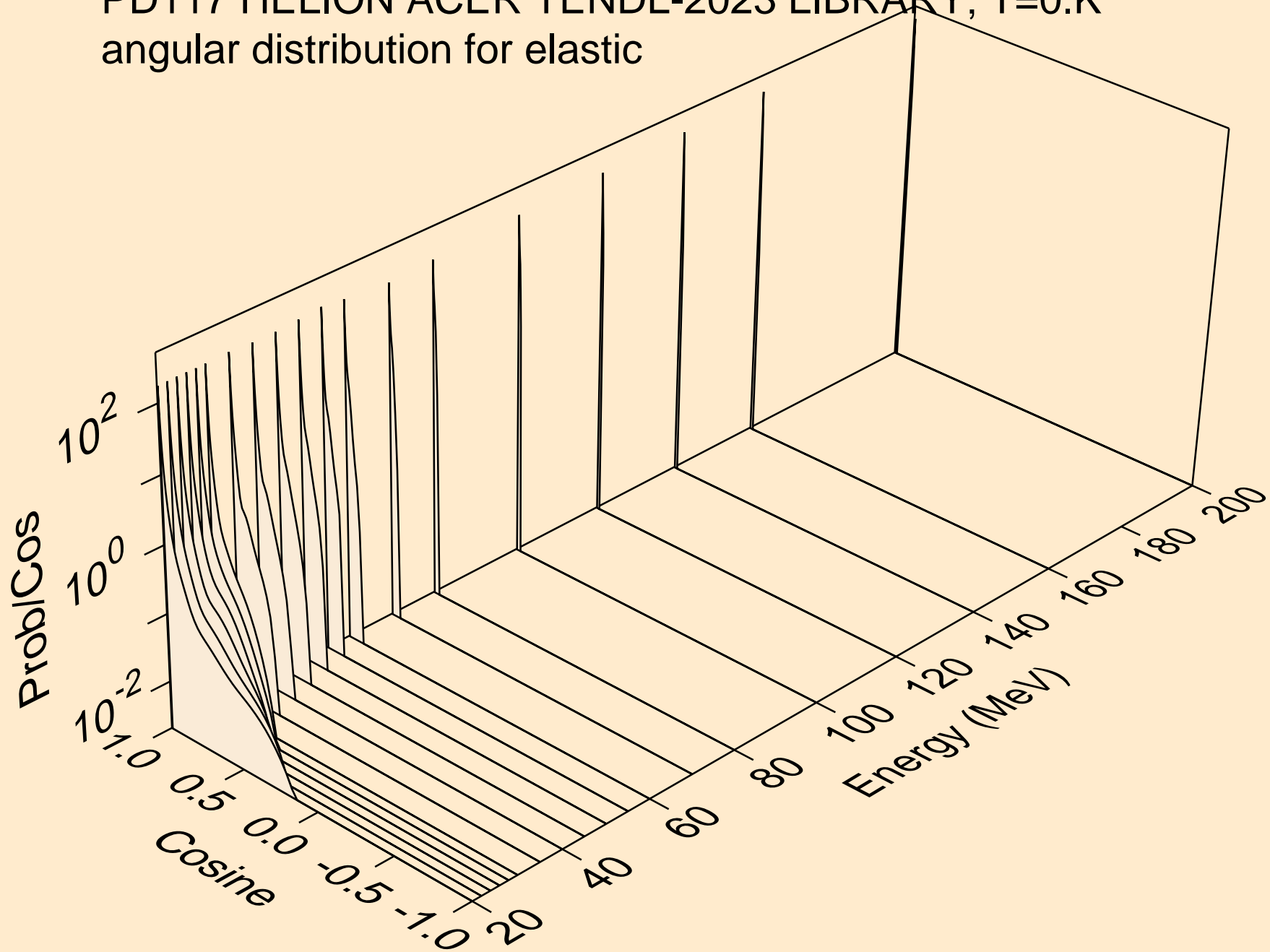
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Threshold reactions



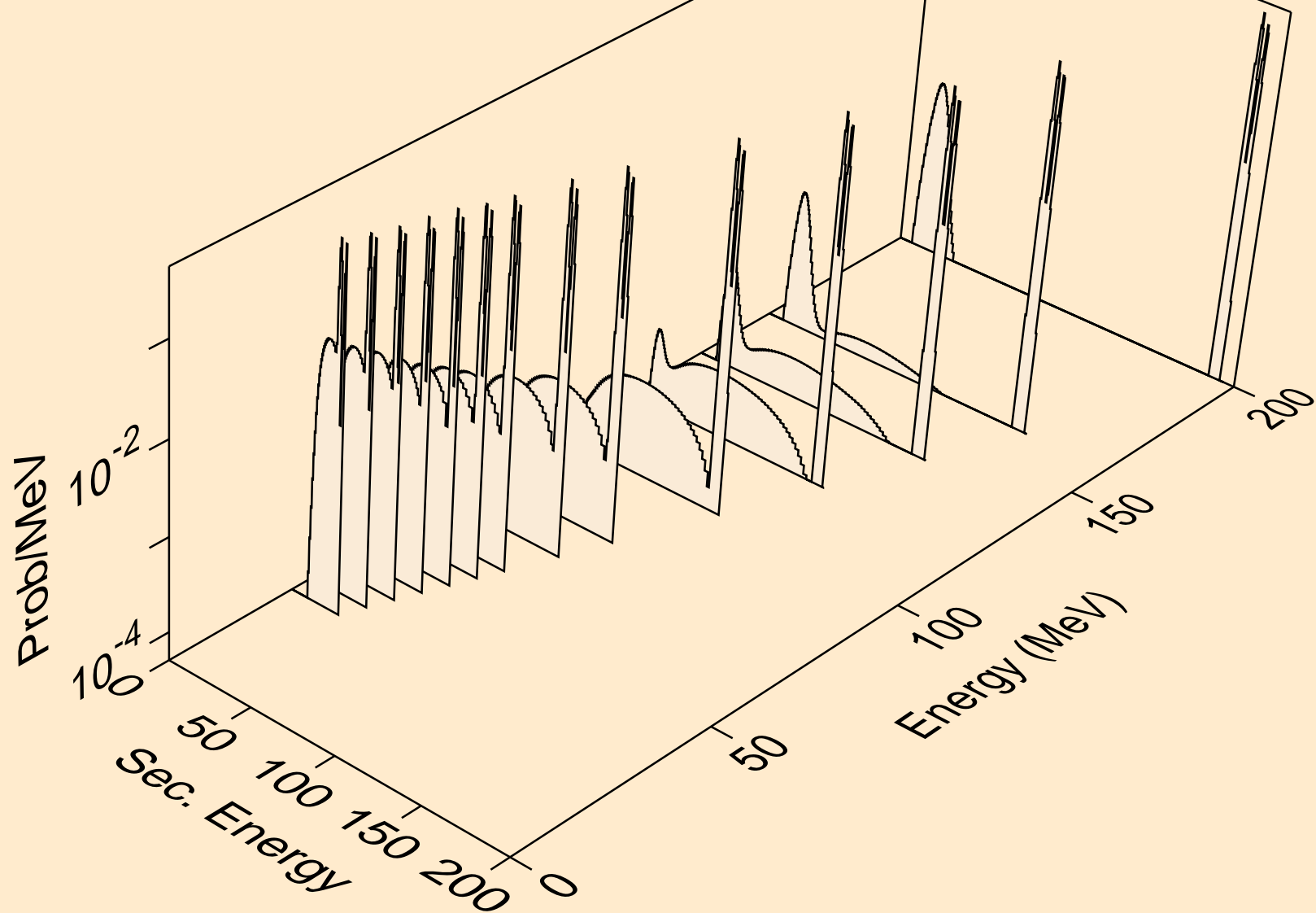
PD117 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



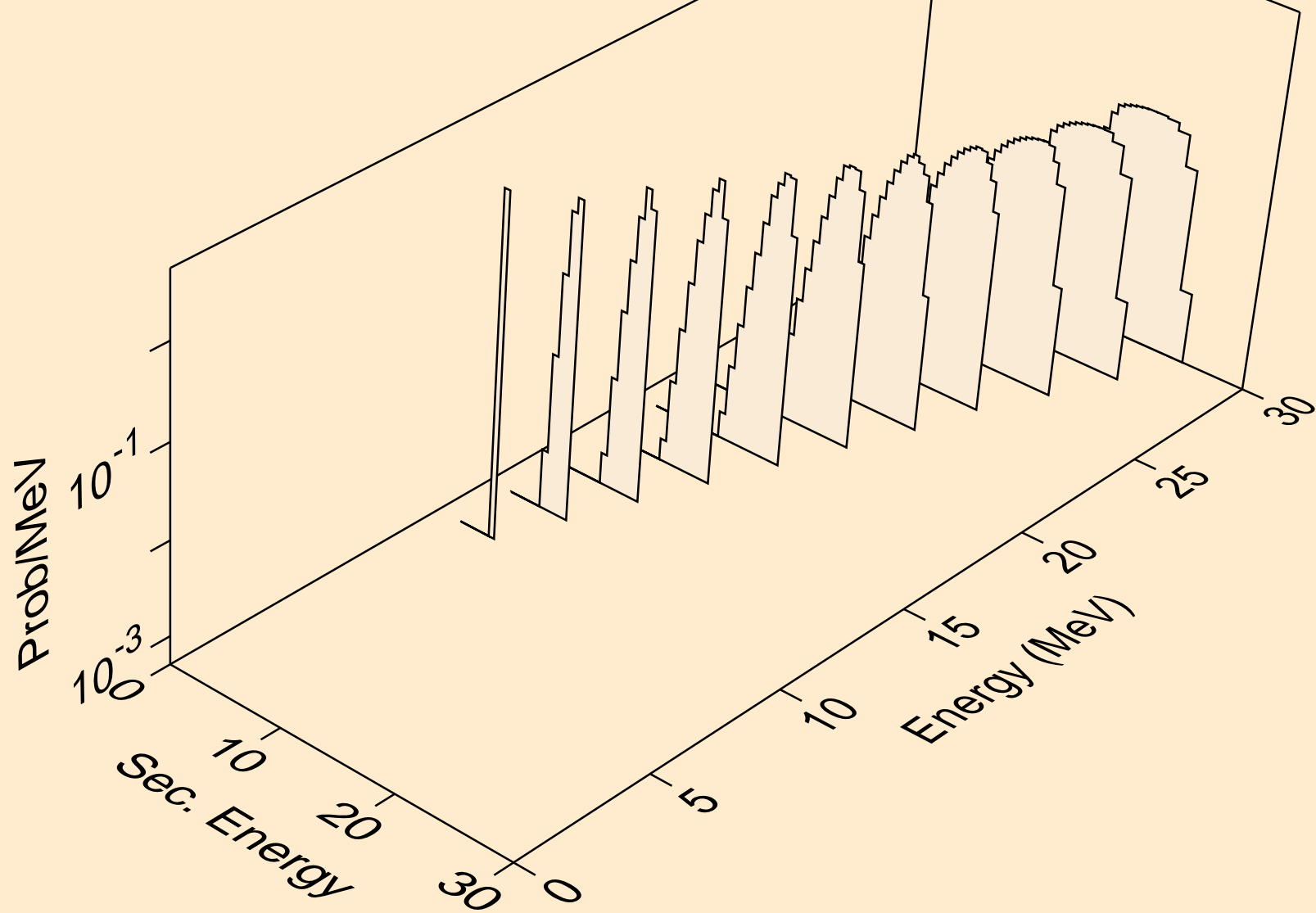
PD117 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



PD117 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,x)

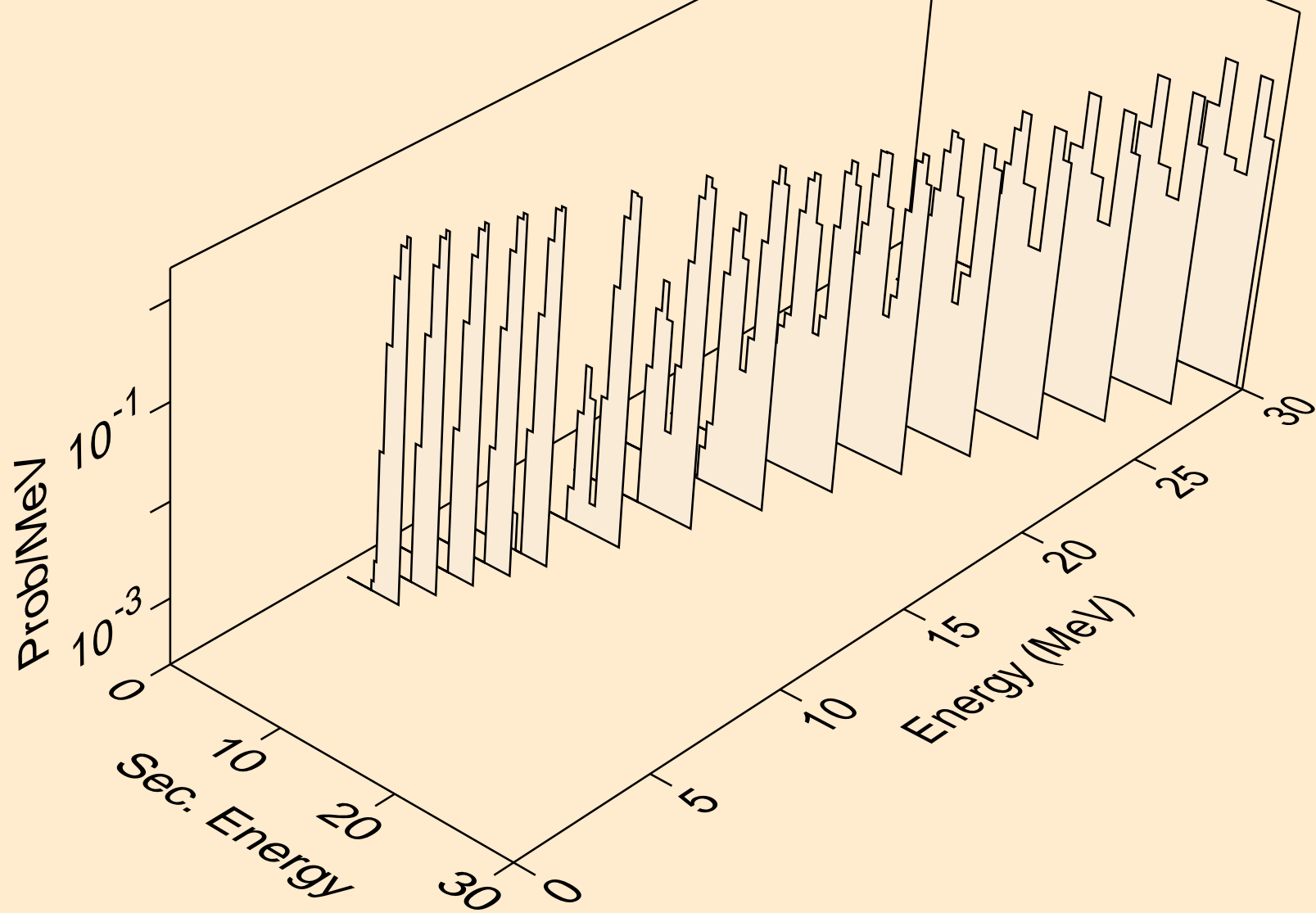


PD117 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

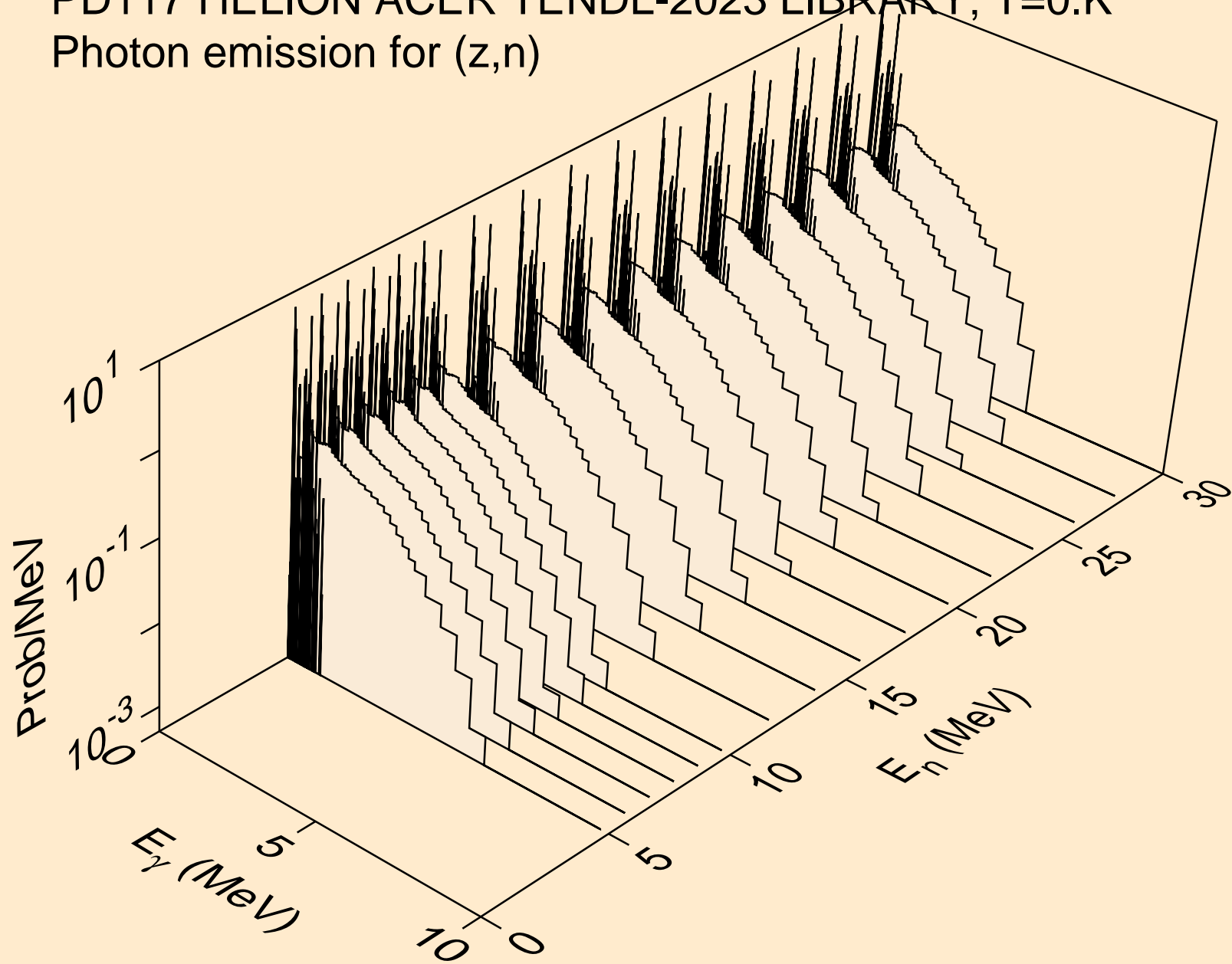




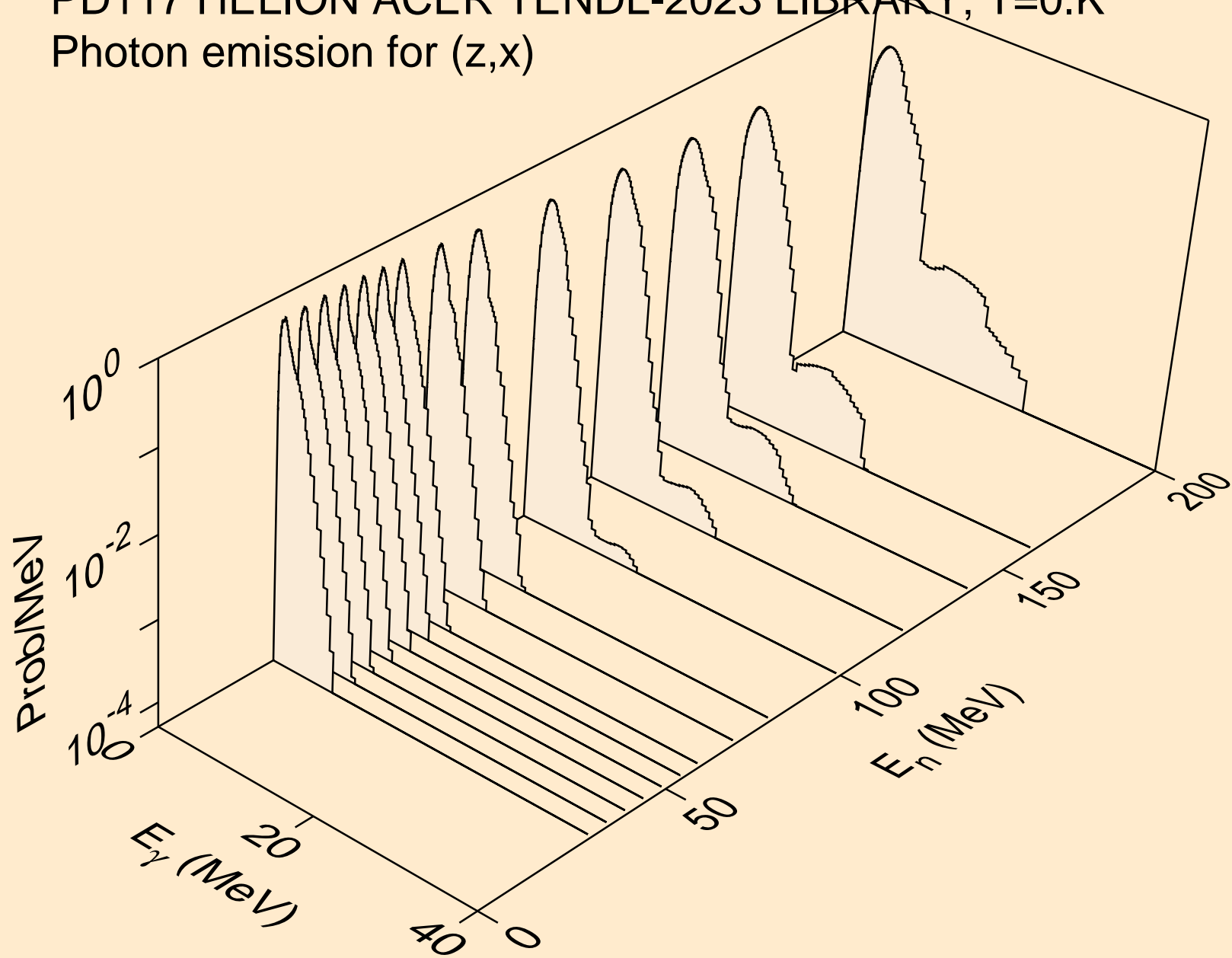
PD117 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for inelastic



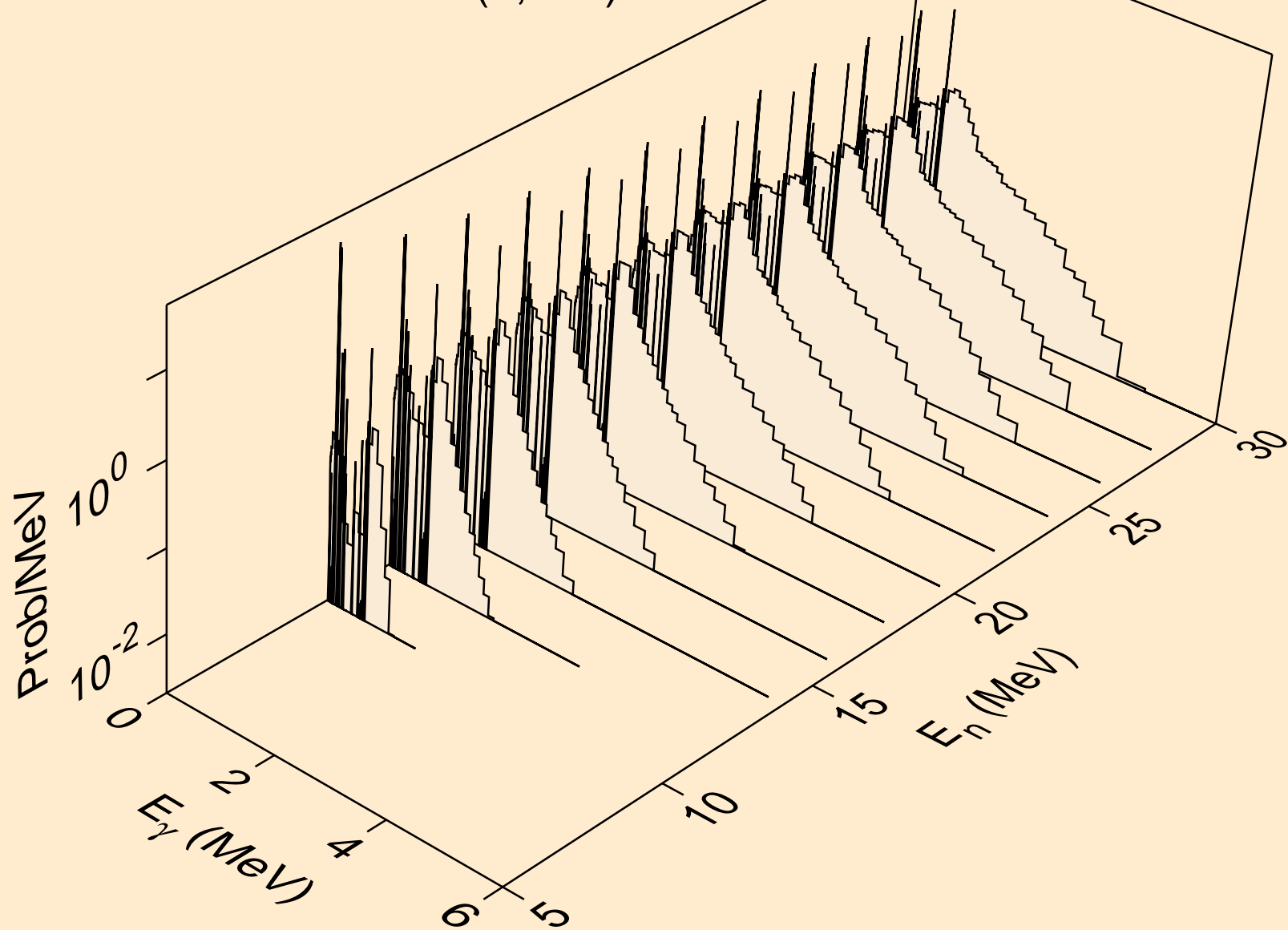
PD117 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



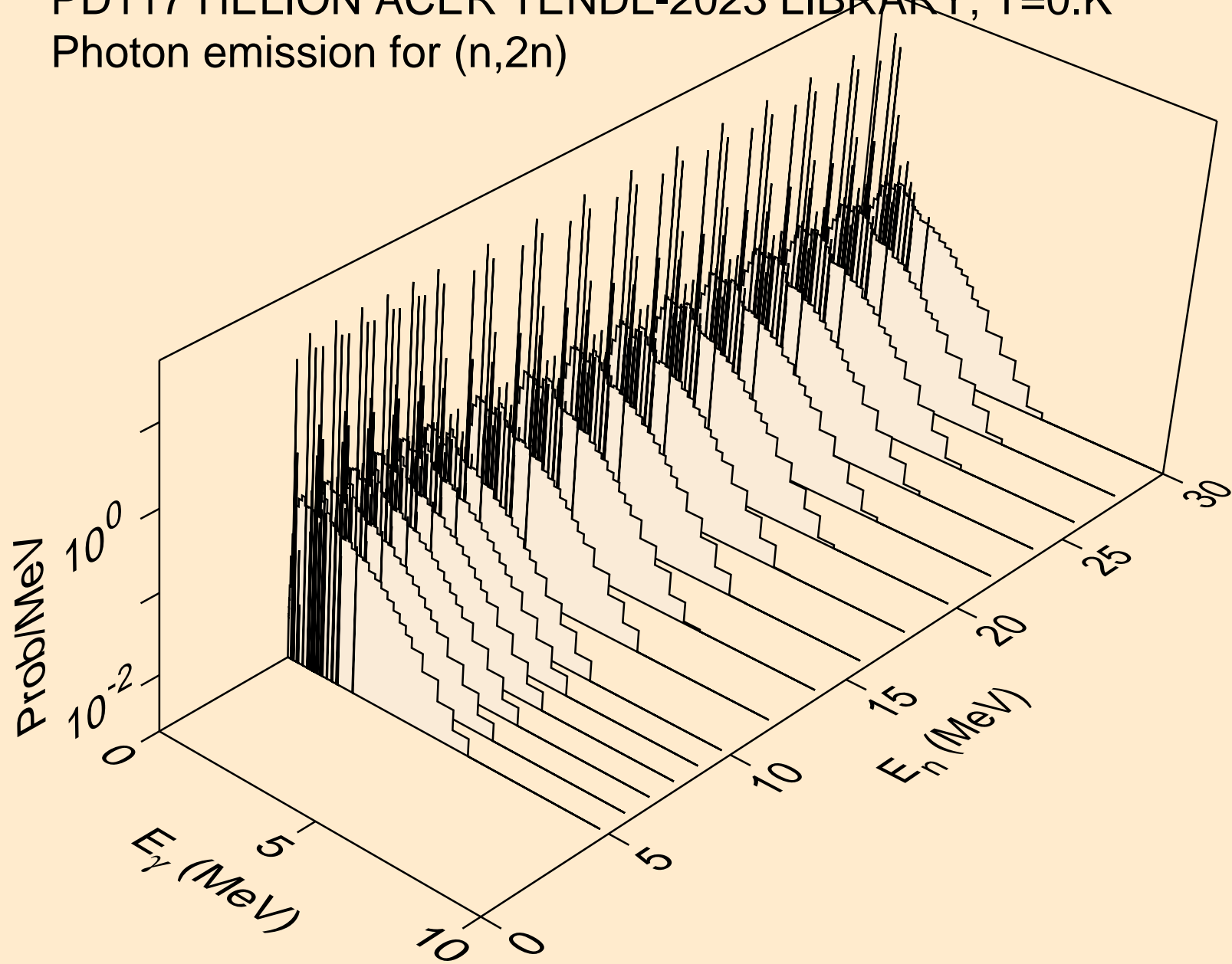
PD117 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



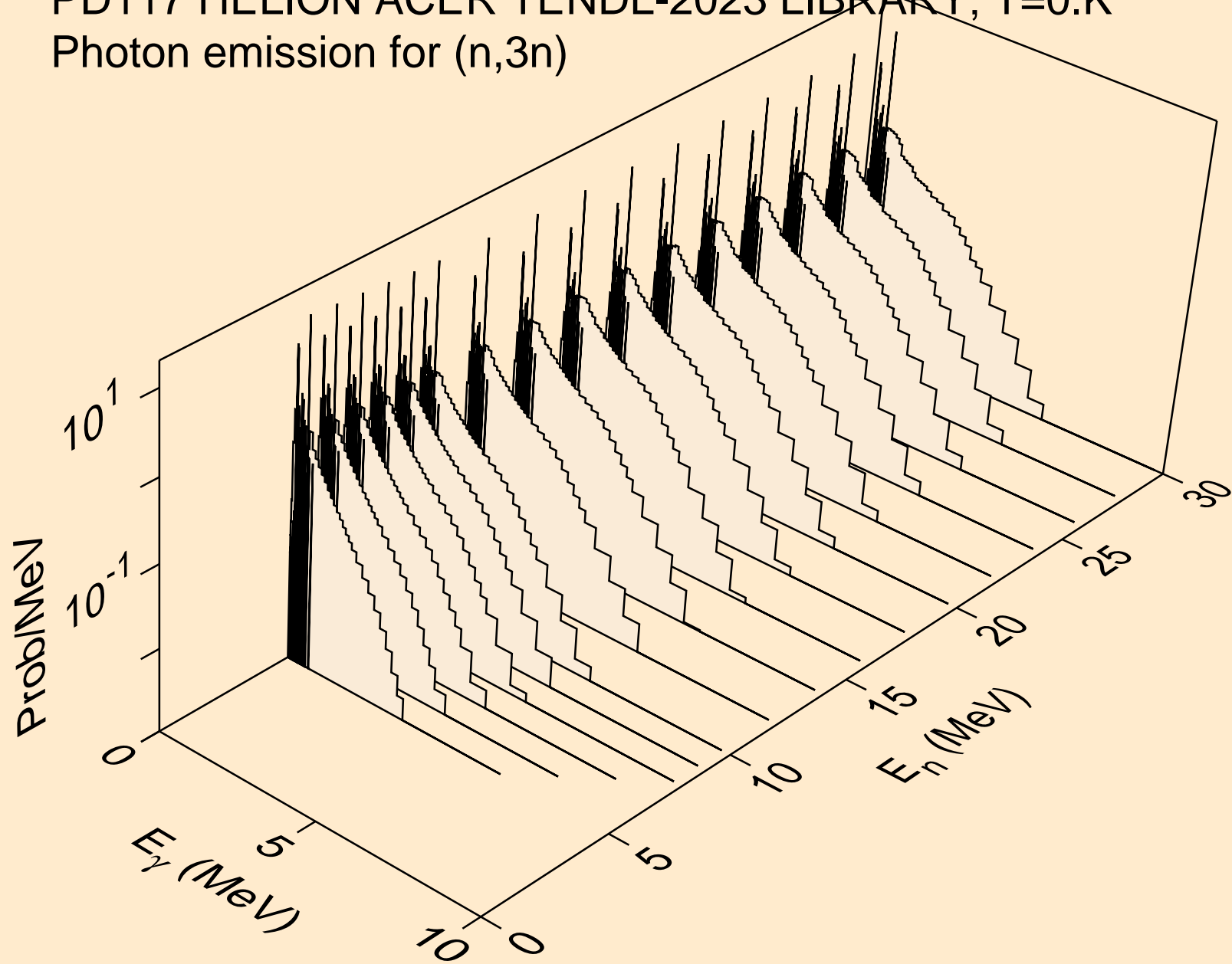
PD117 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



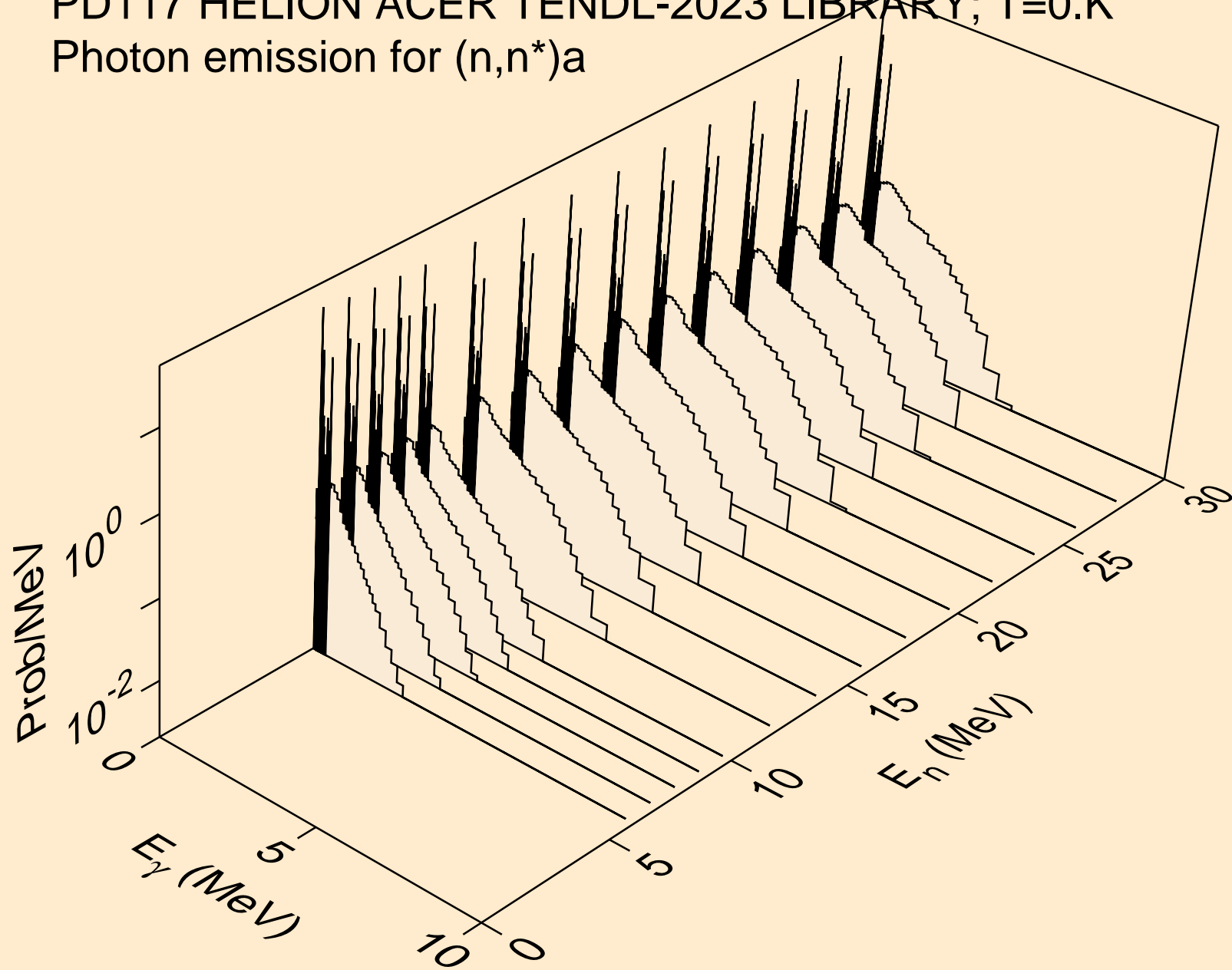
PD117 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



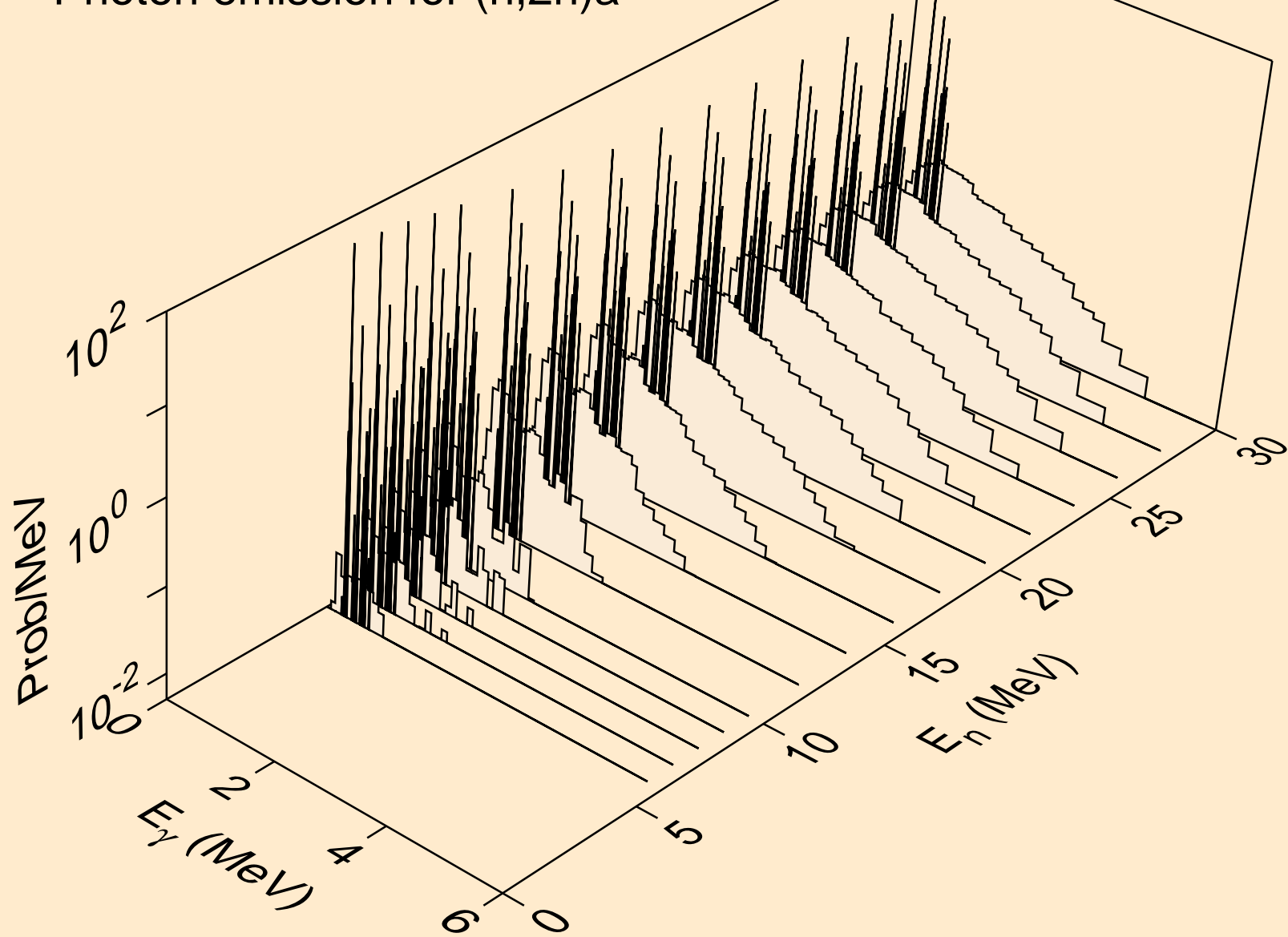
PD117 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



PD117 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

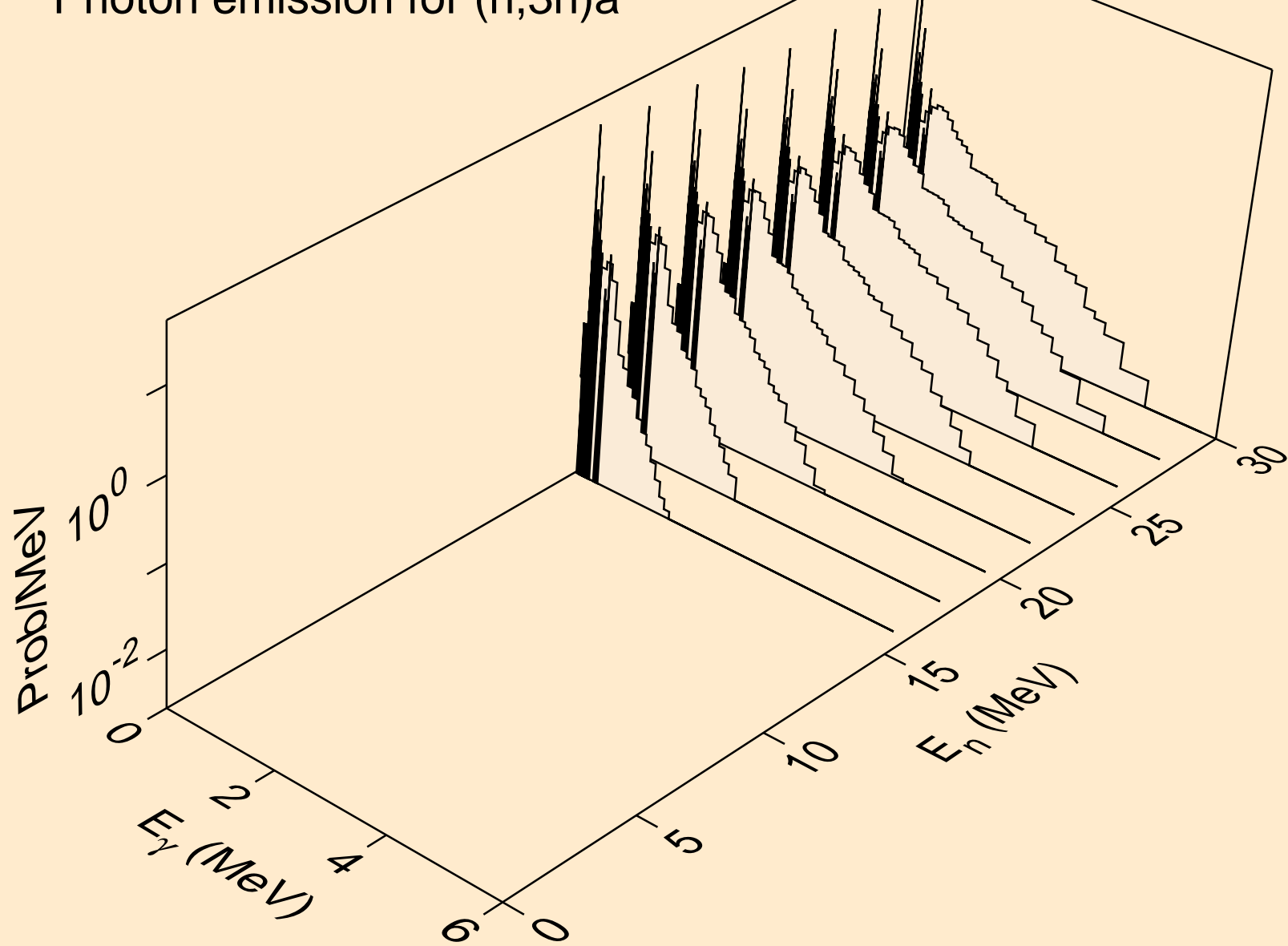


PD117 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

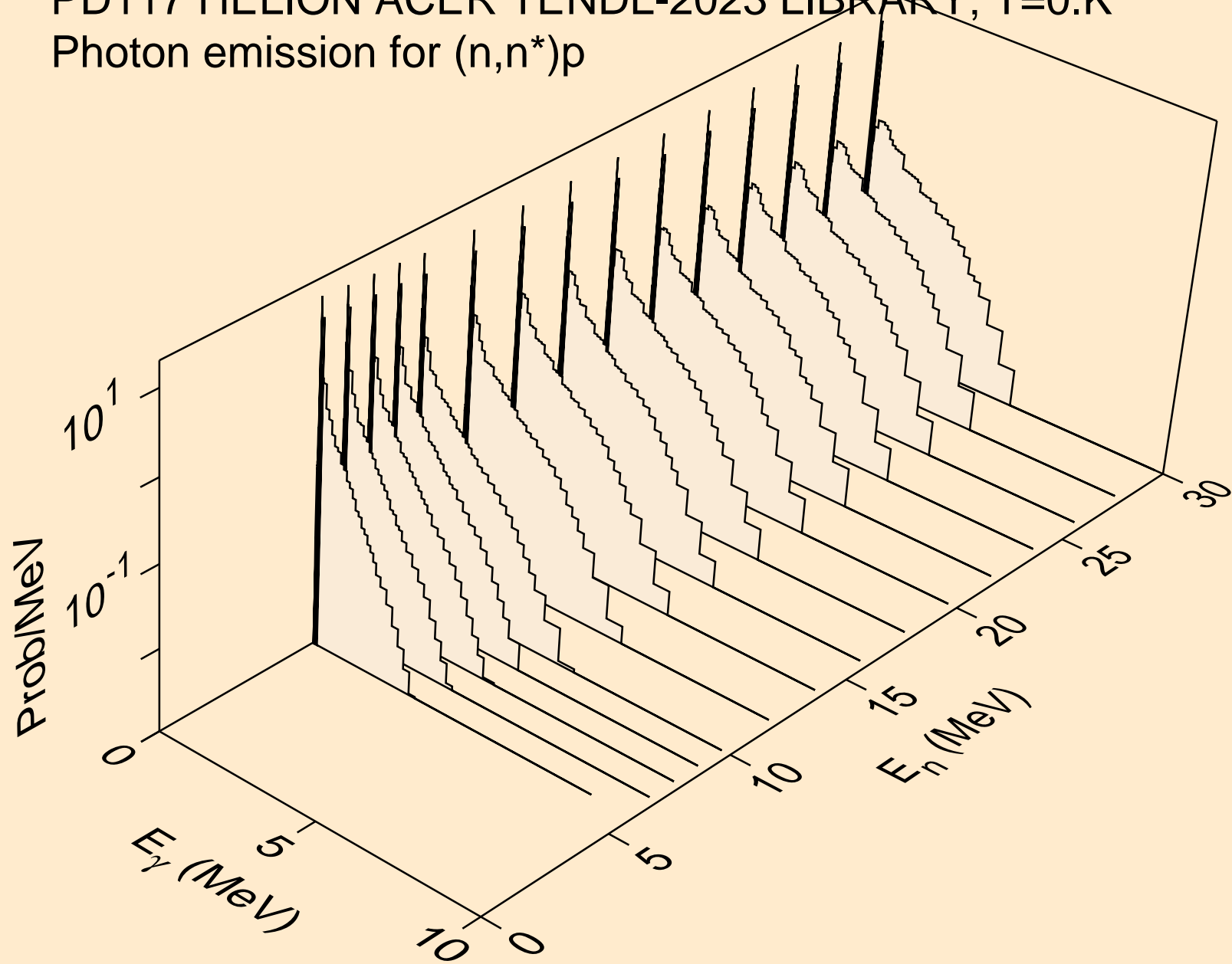




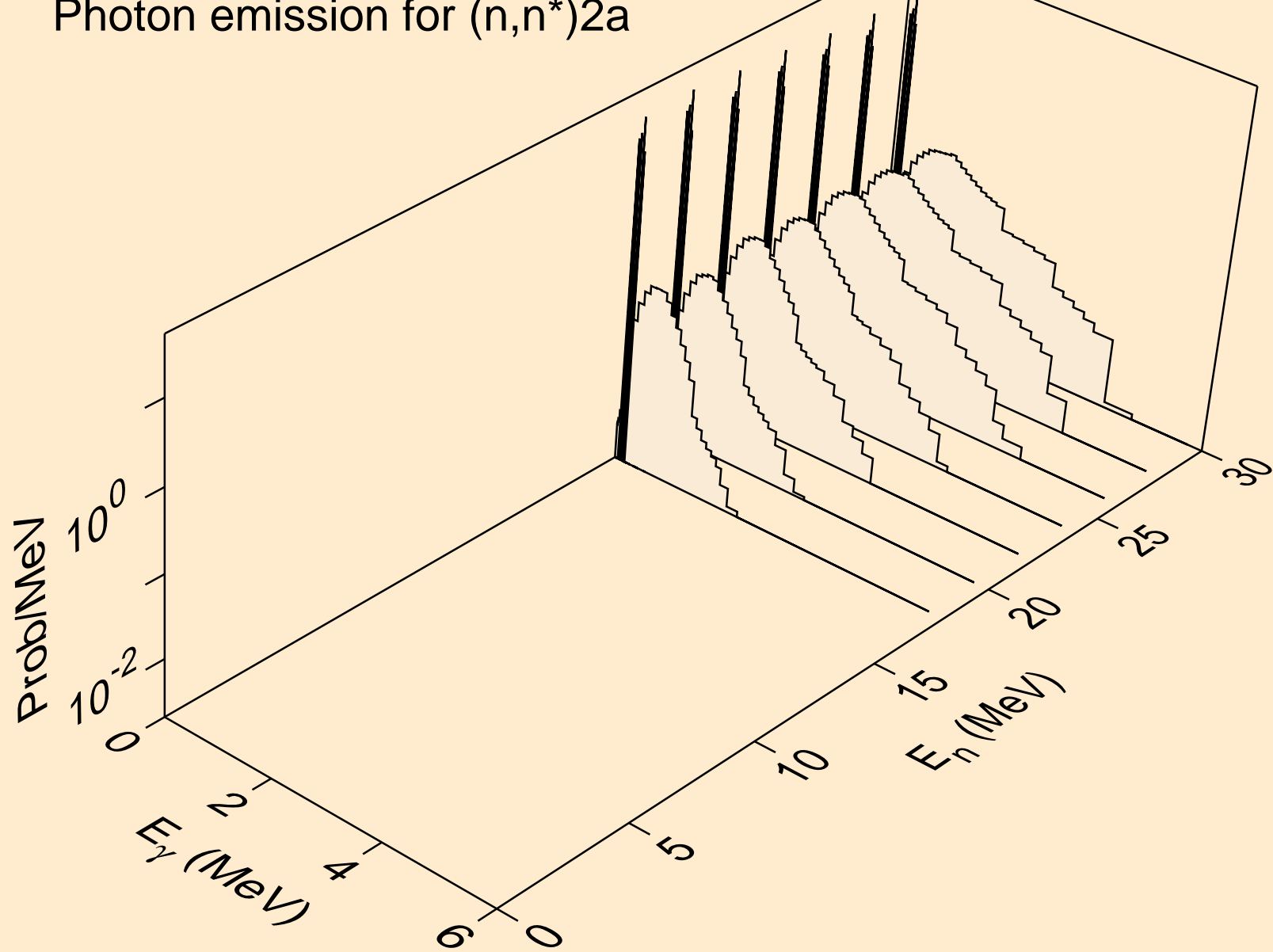
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Photon emission for (n,3n)a



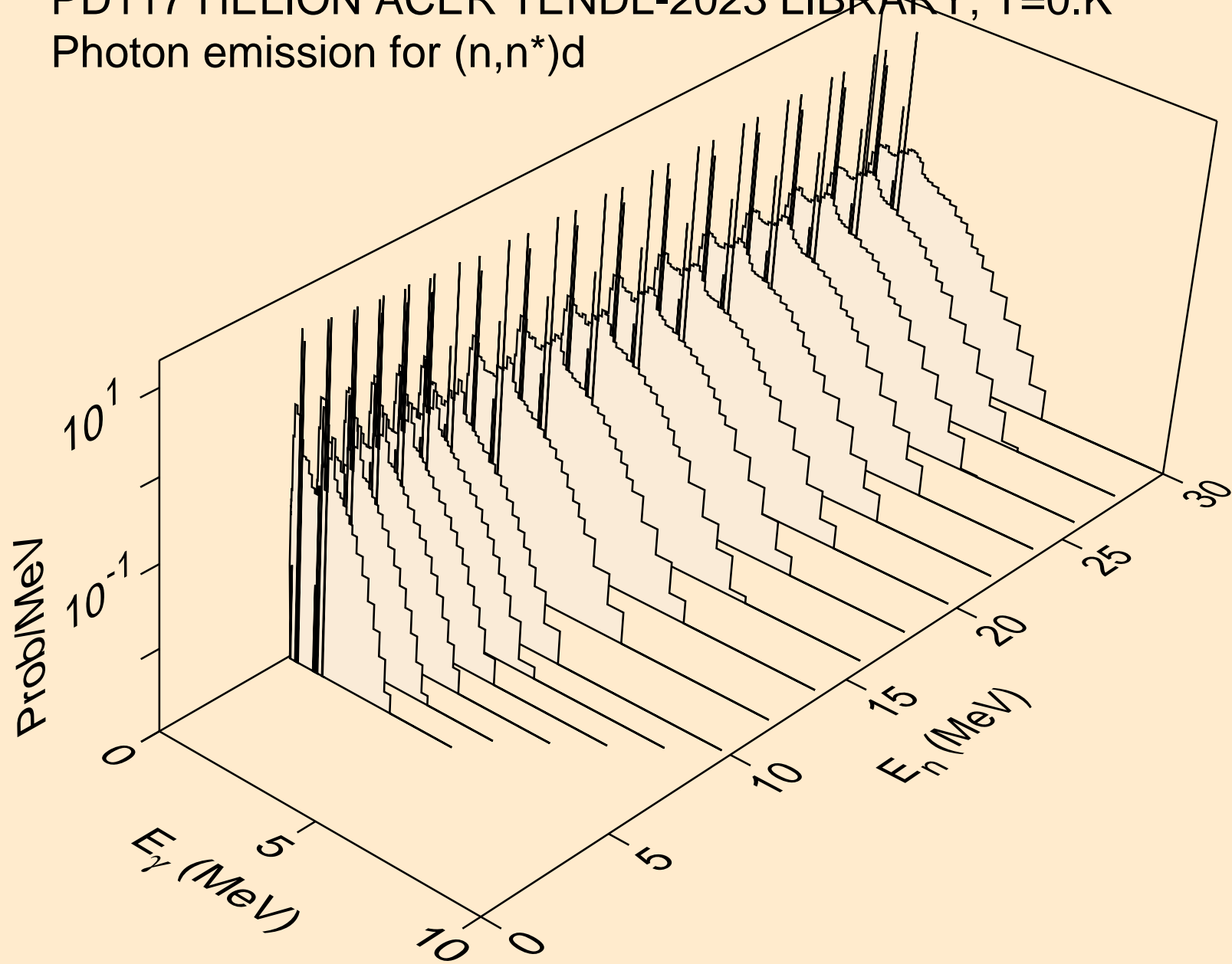
PD117 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



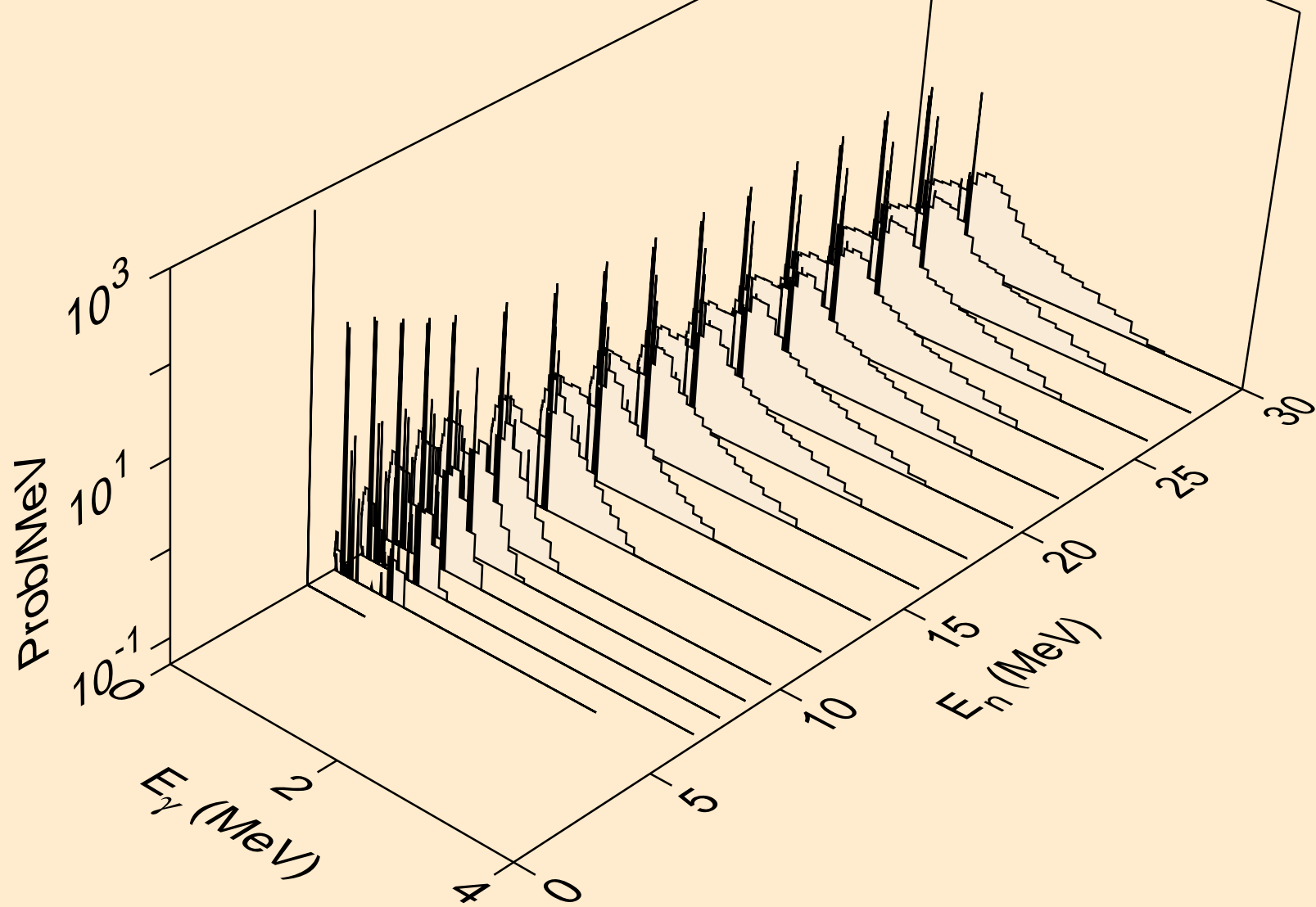
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Photon emission for (n,n\*)2a



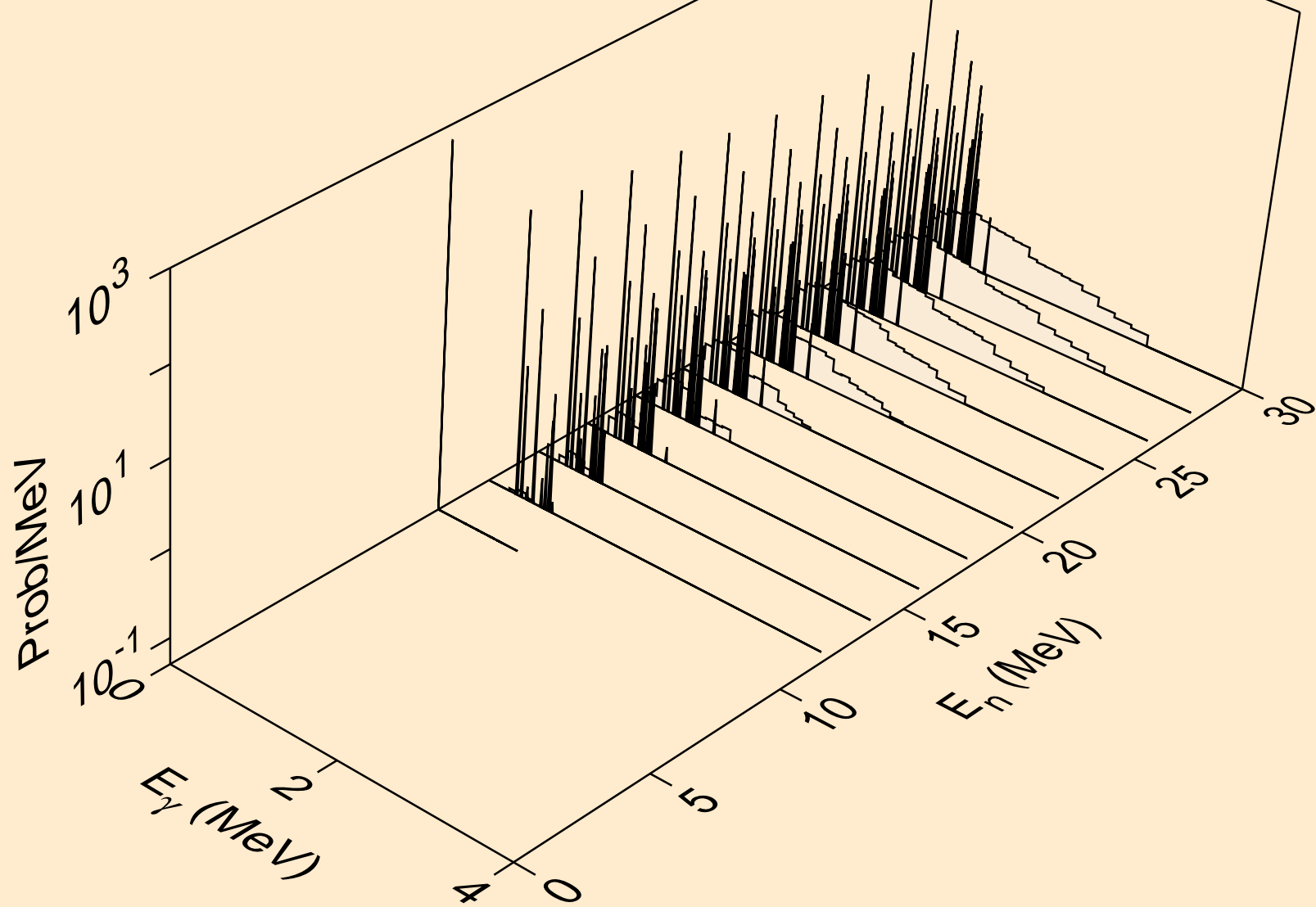
PD117 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



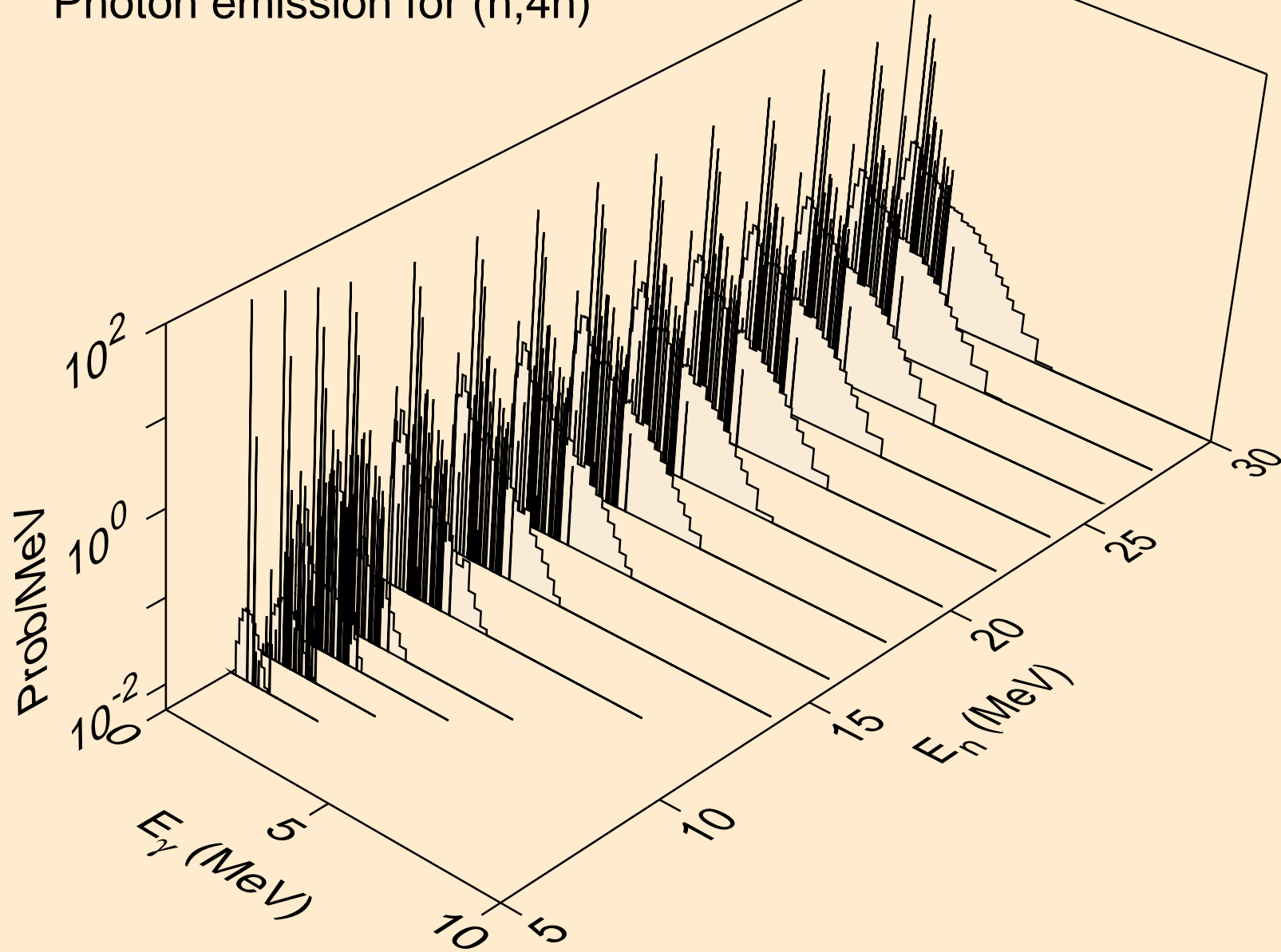
PD117 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



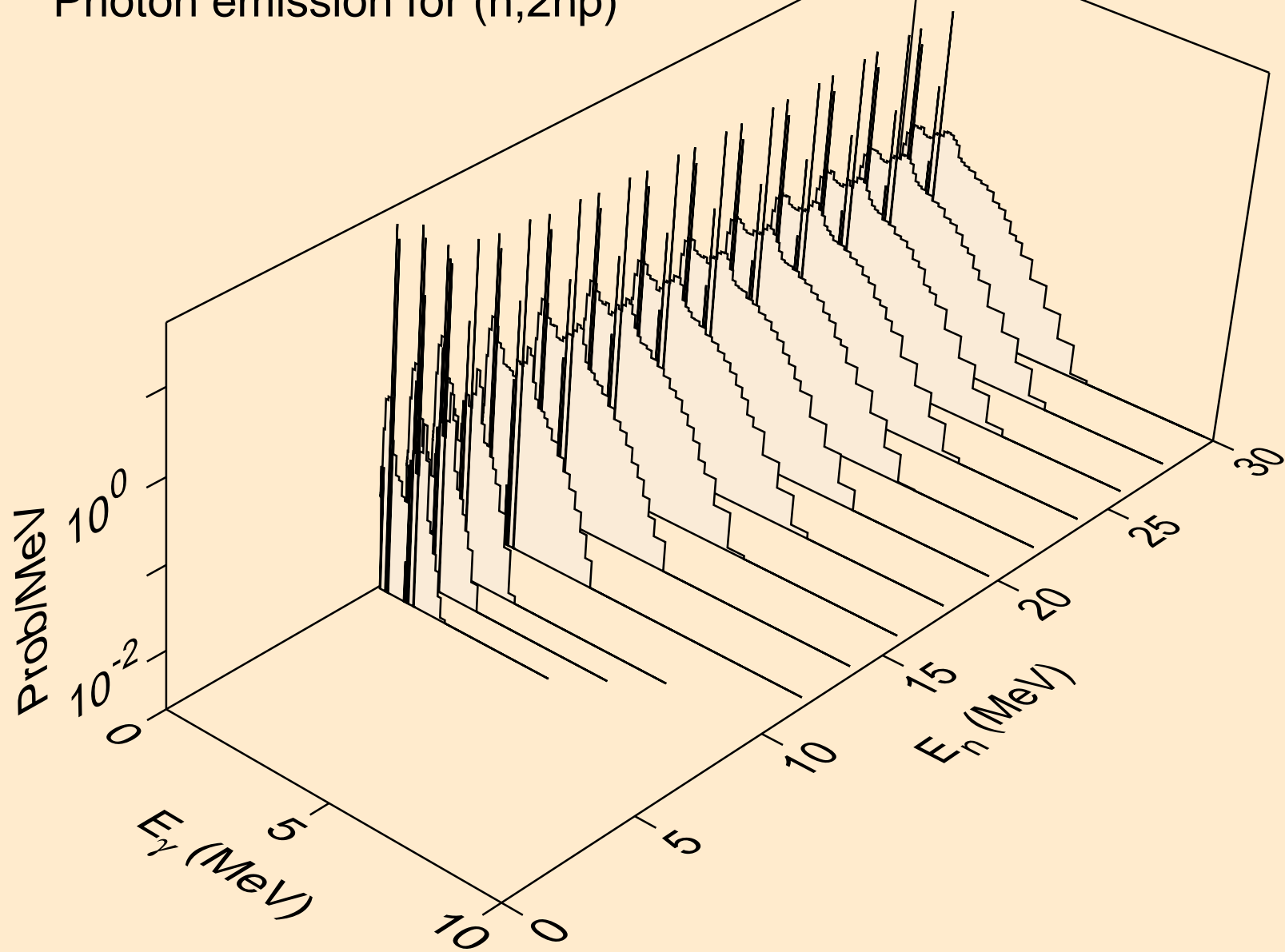
PD117 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



PD117 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)

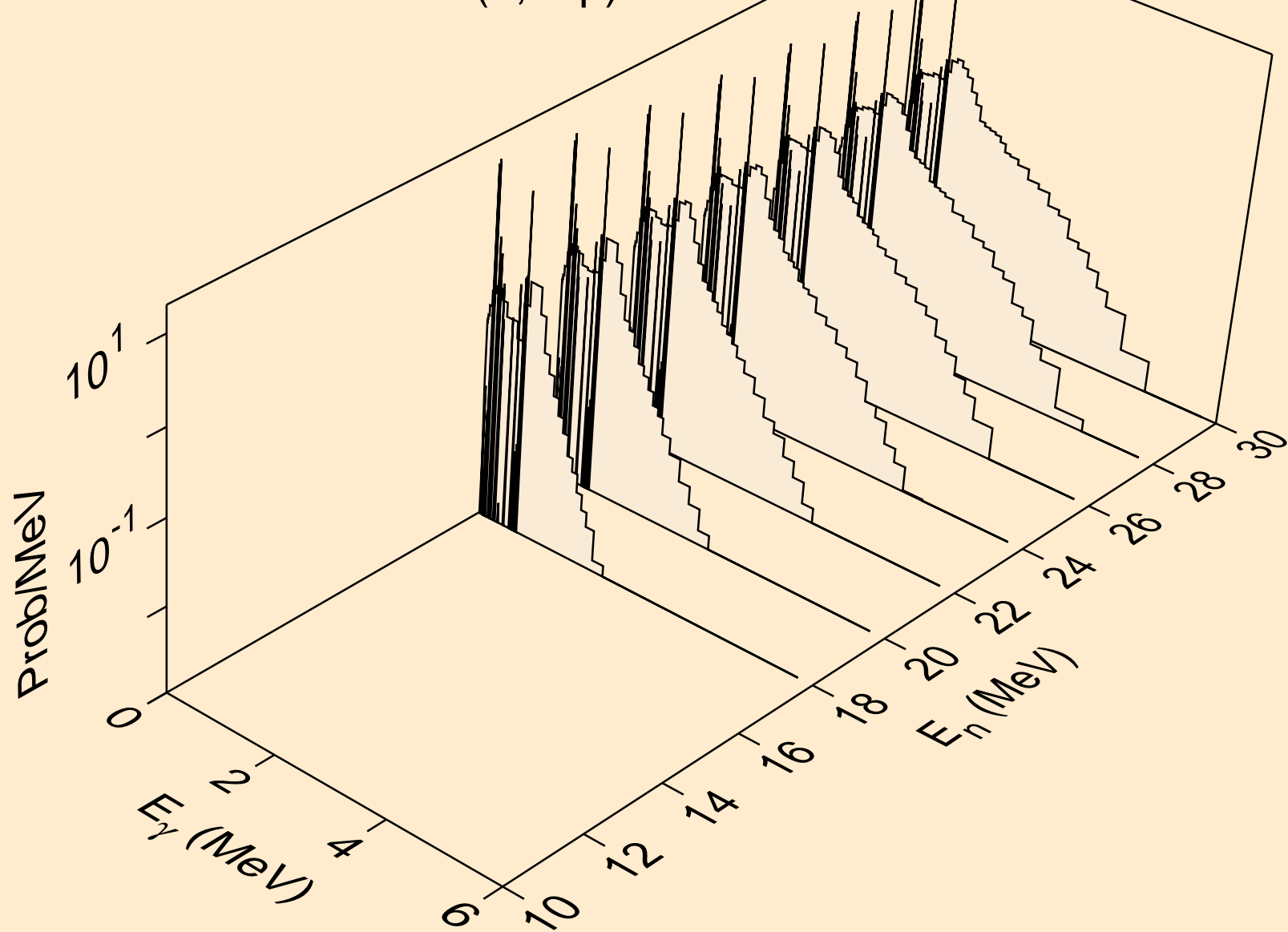


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Photon emission for (n,2np)

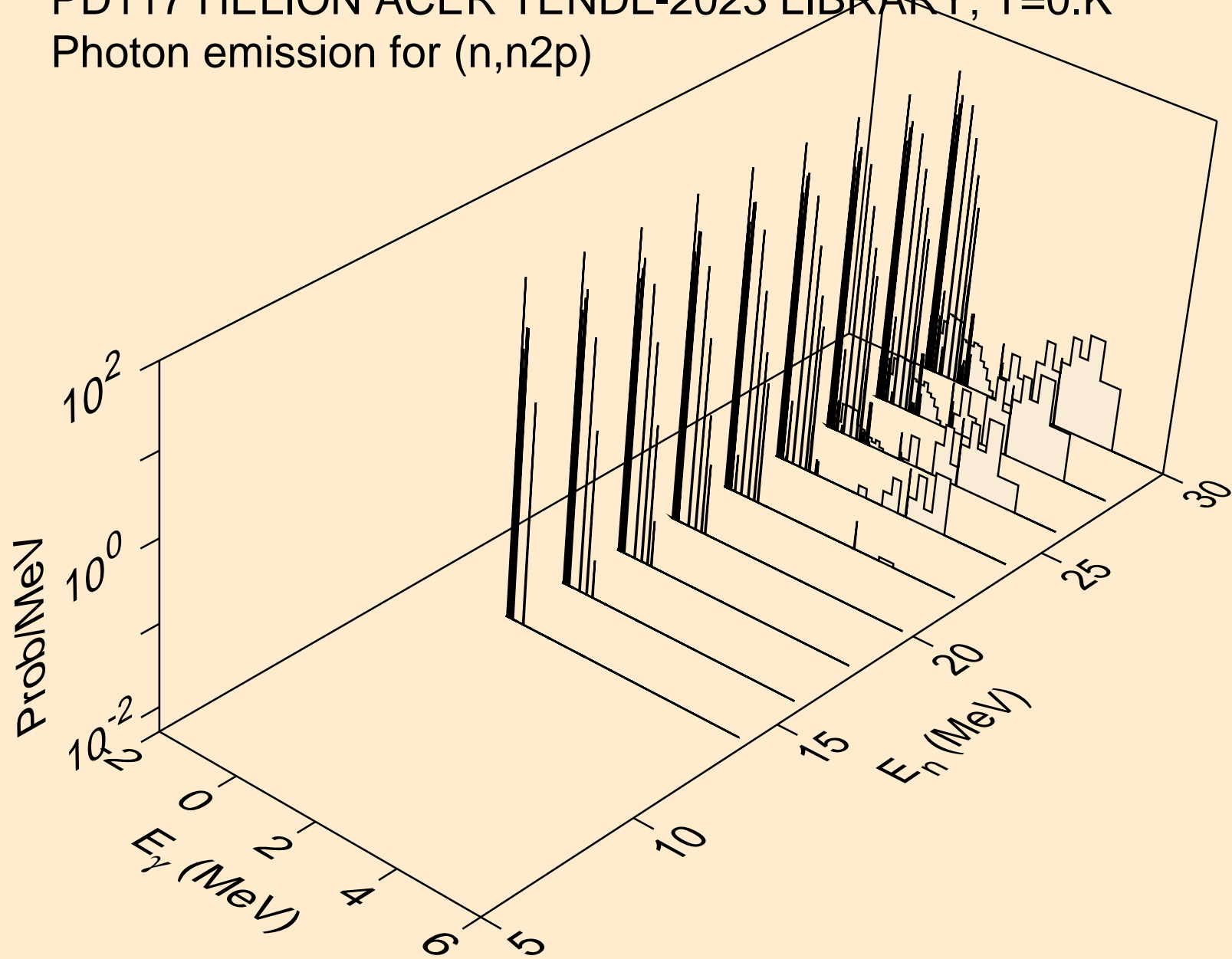




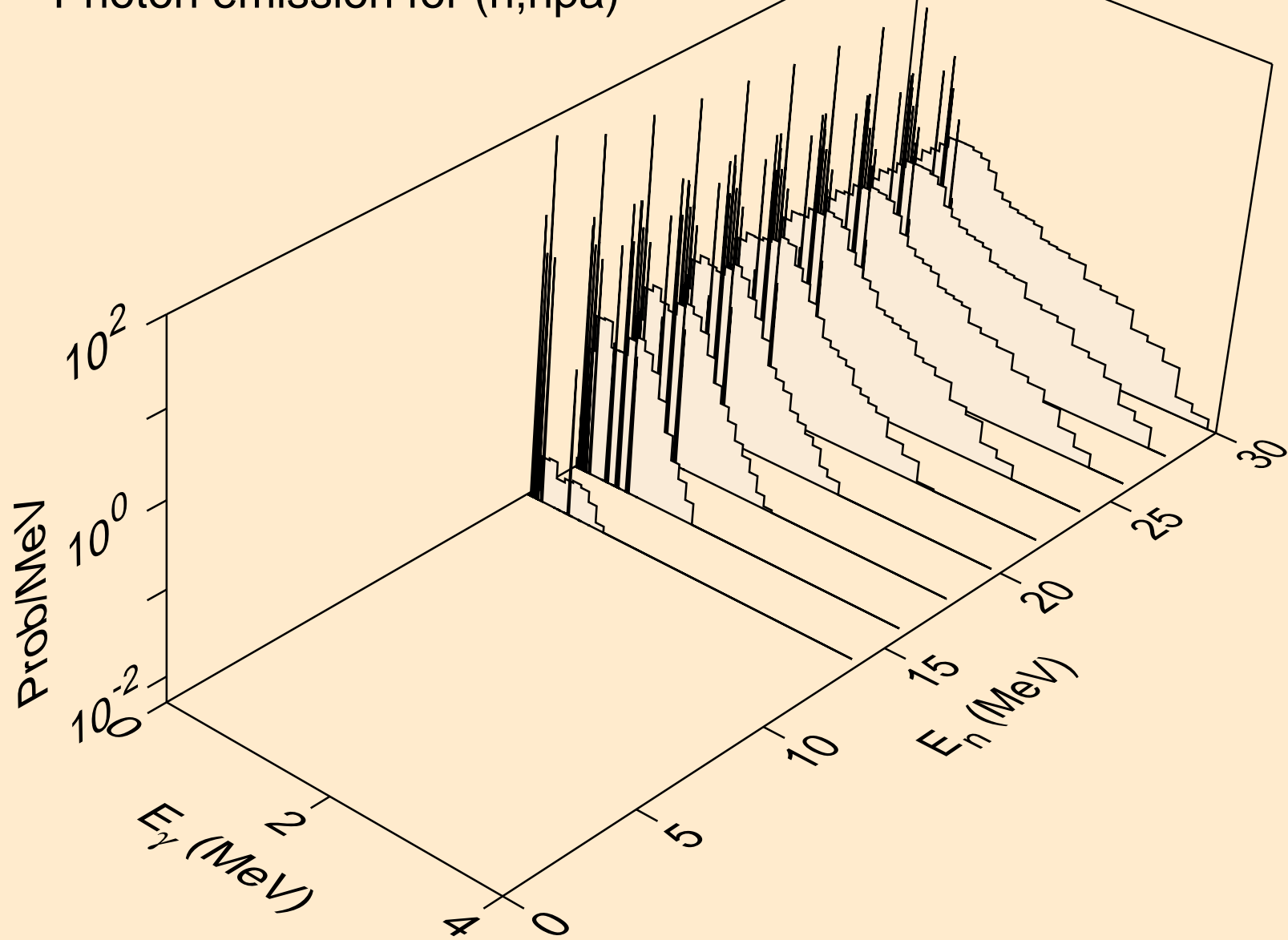
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Photon emission for (n,3np)



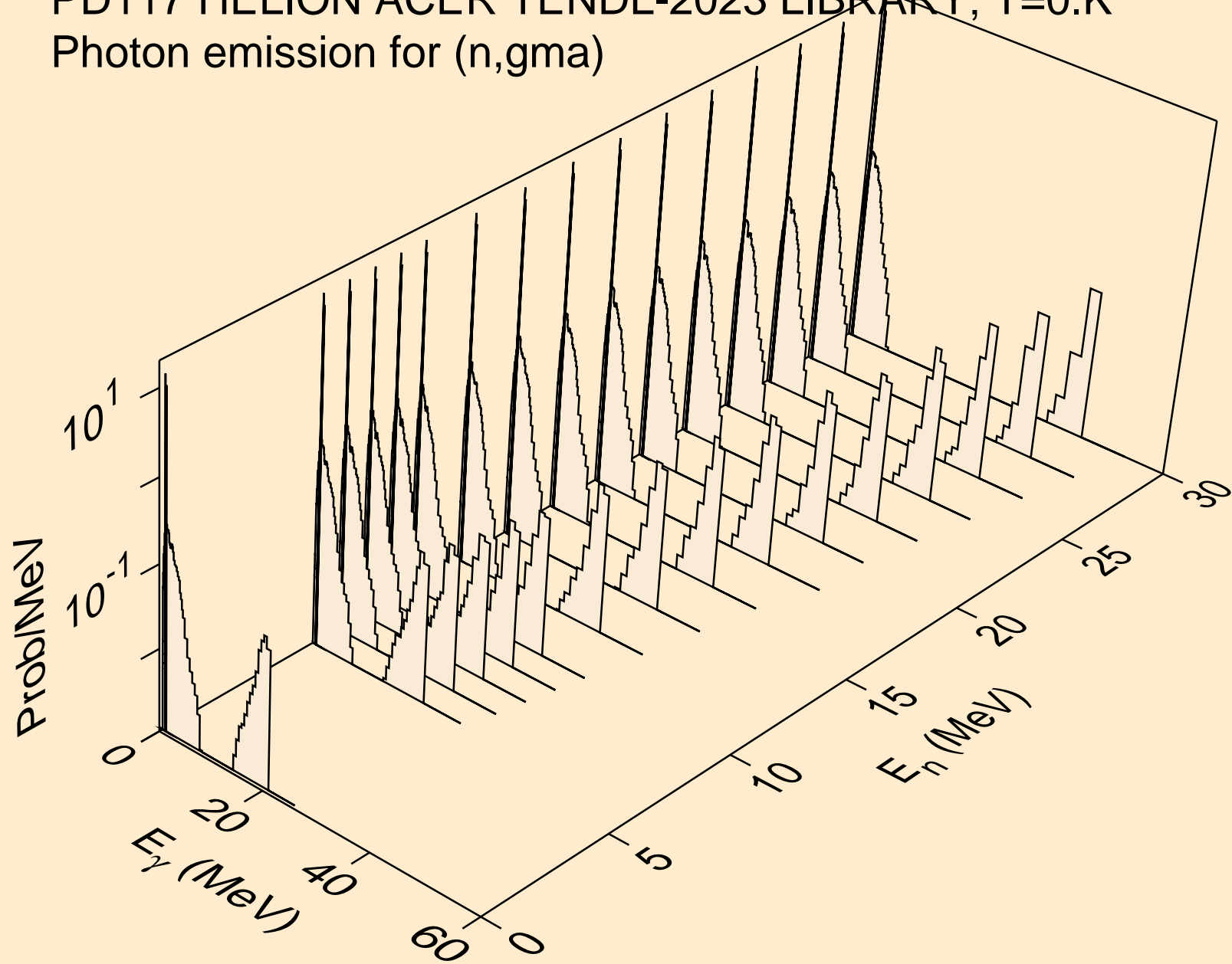
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Photon emission for (n,n2p)



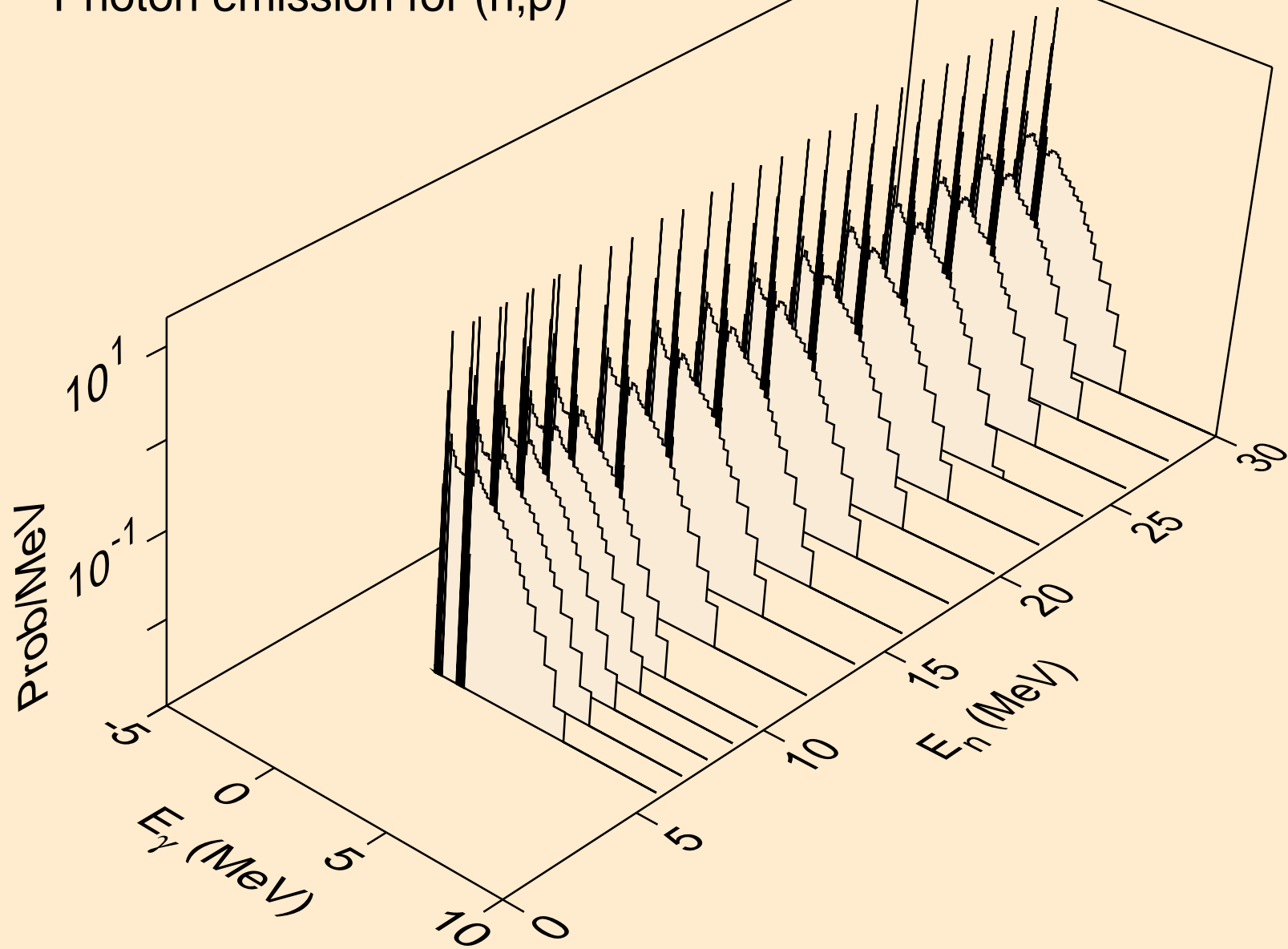
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Photon emission for (n,npa)



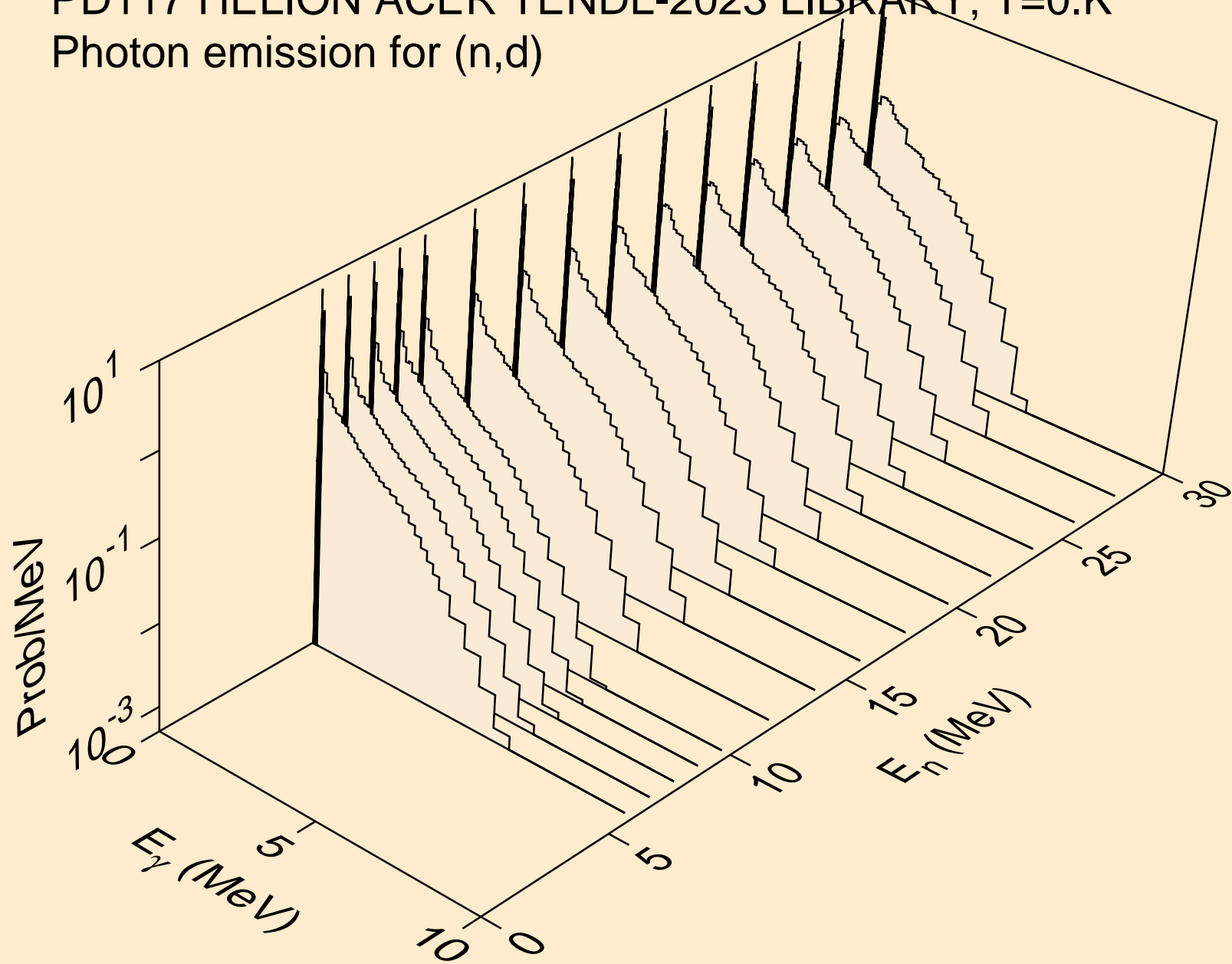
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Photon emission for (n,gma)



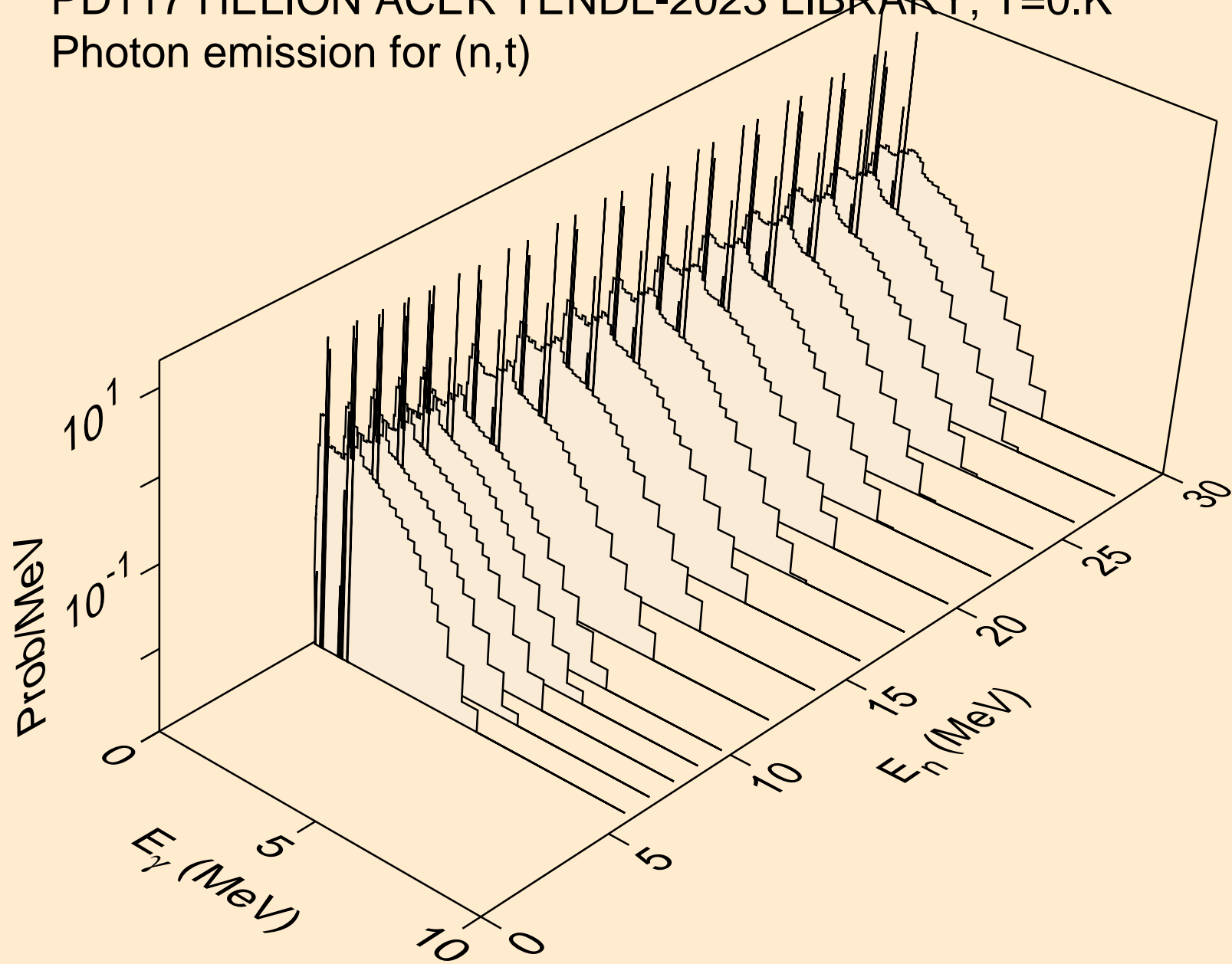
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Photon emission for (n,p)



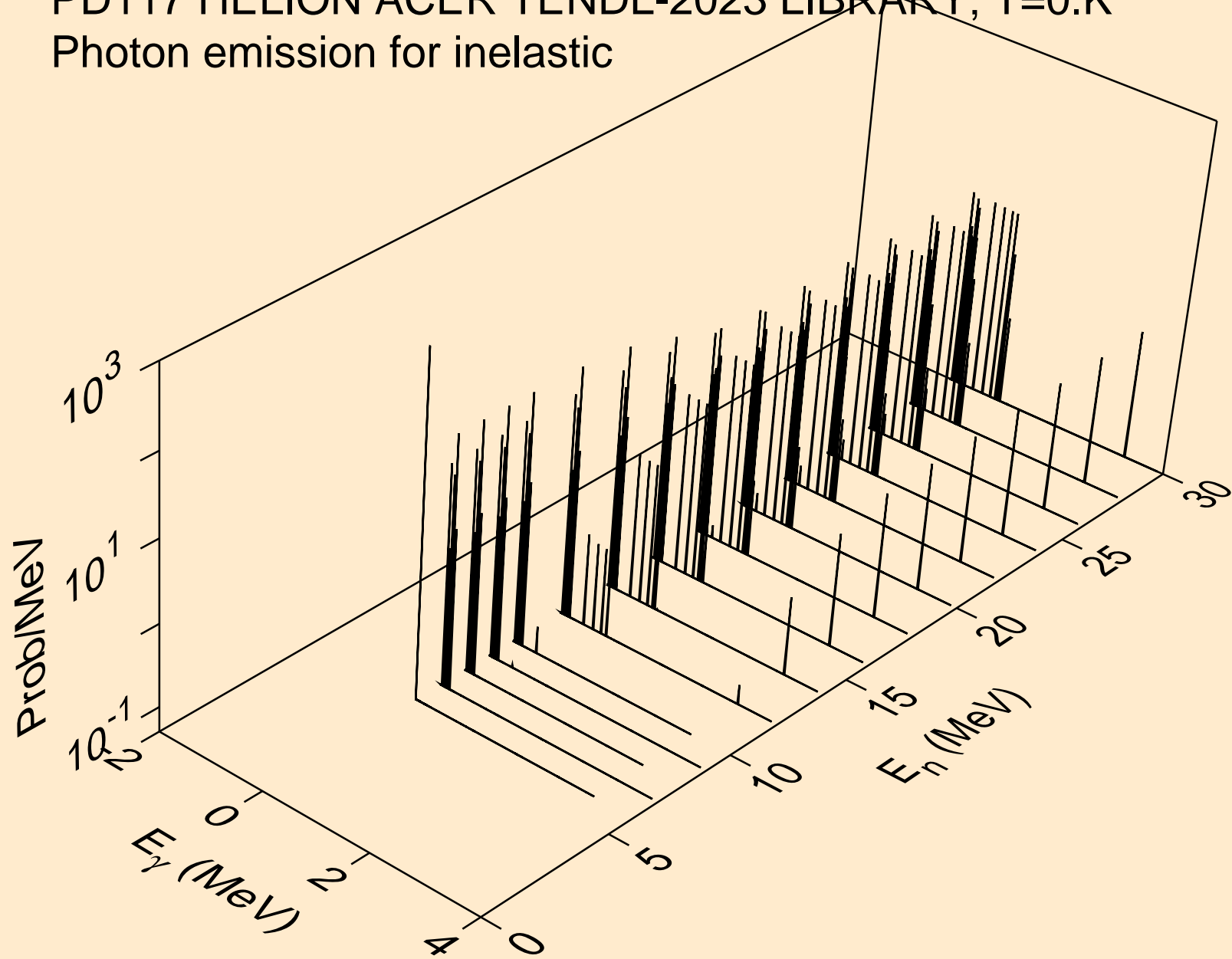
PD117 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



PD117 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)

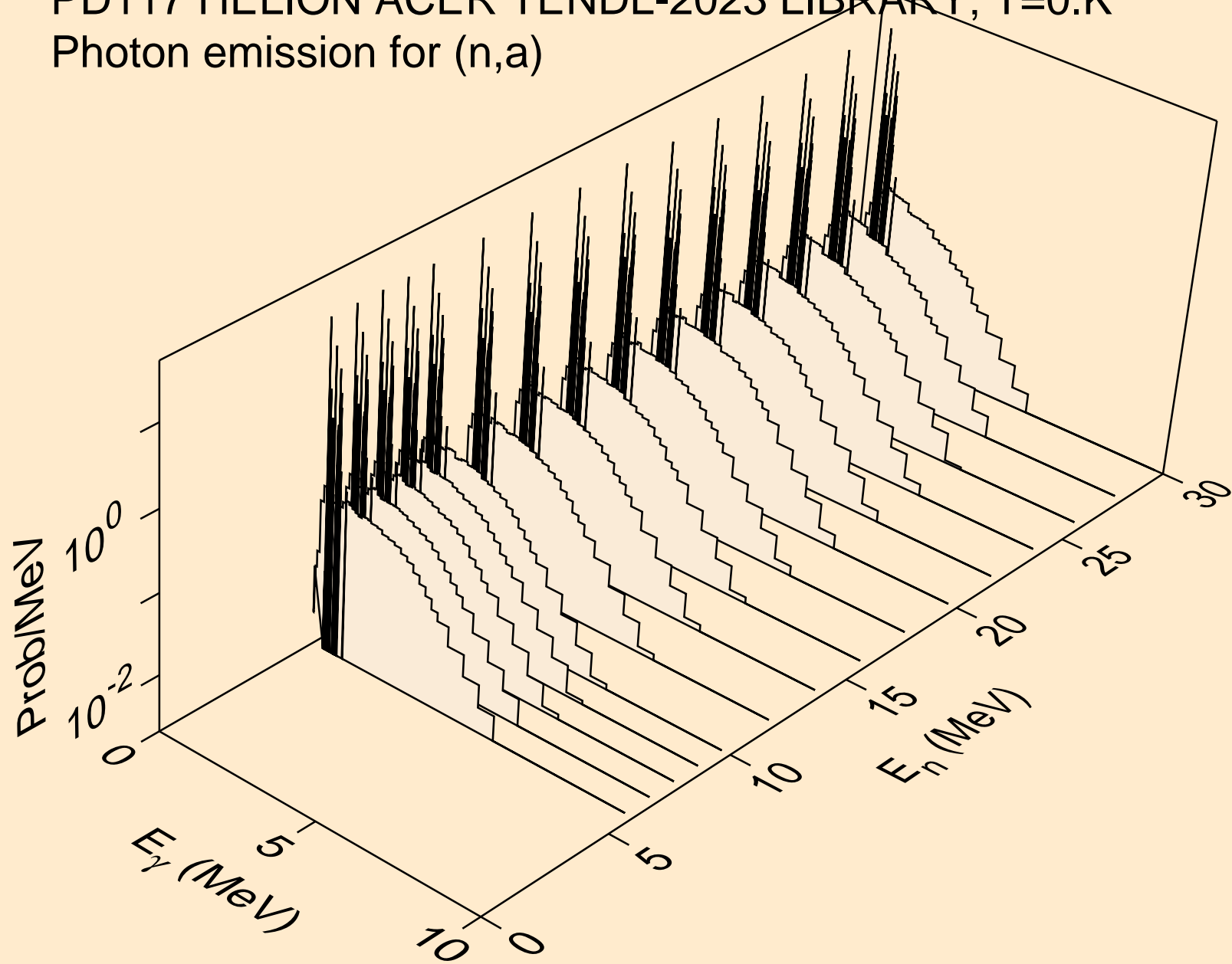


PD117 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

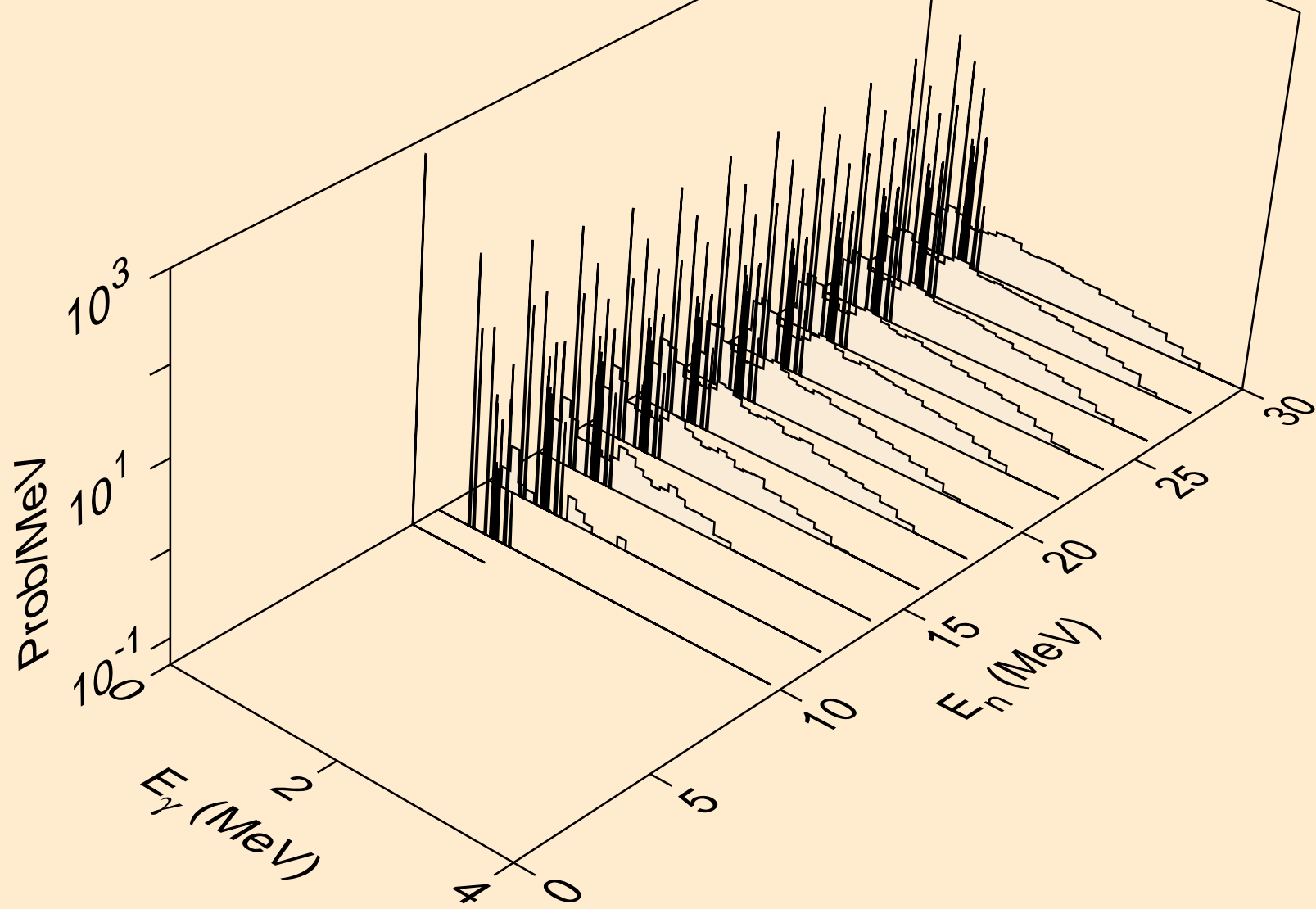




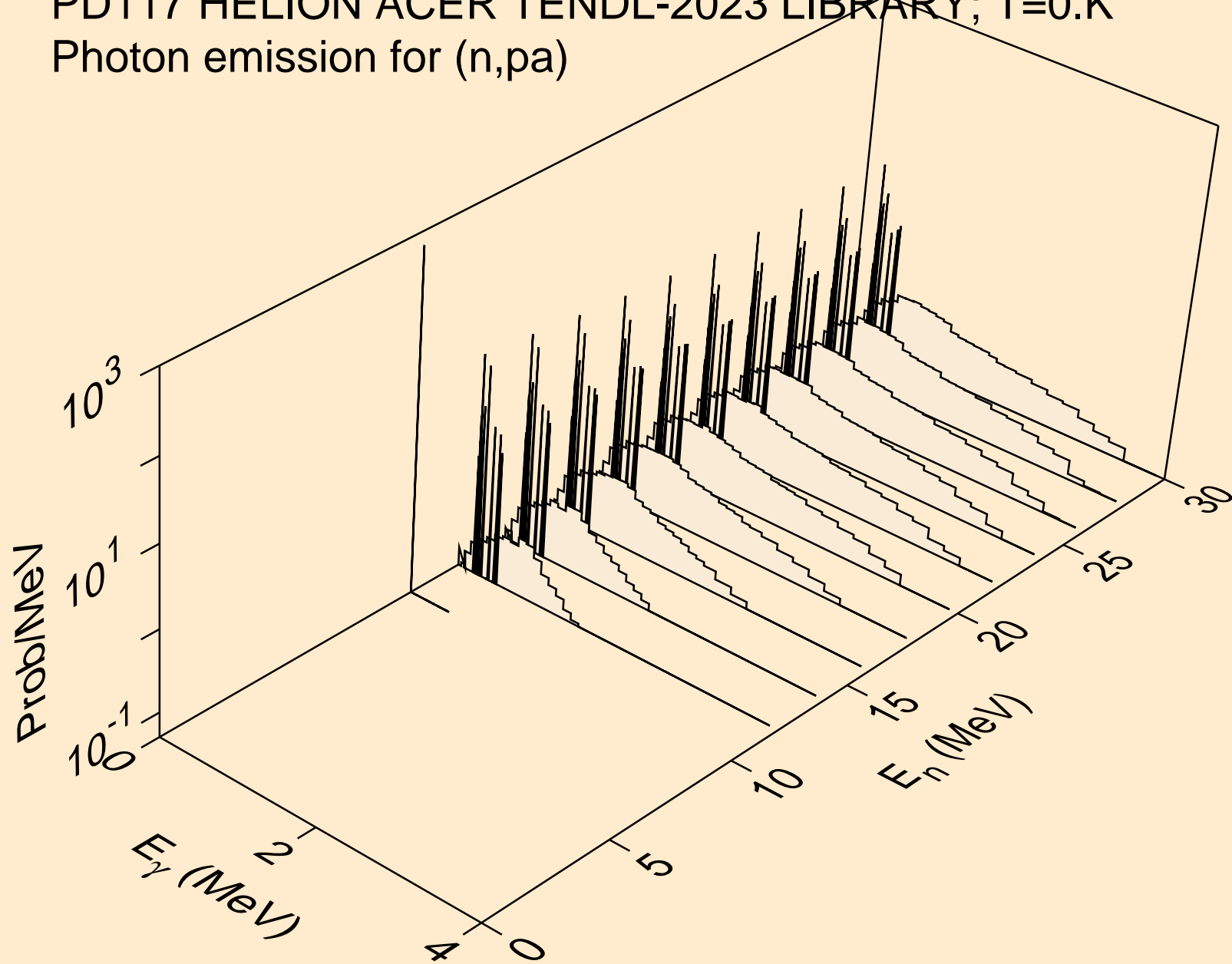
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Photon emission for (n,a)



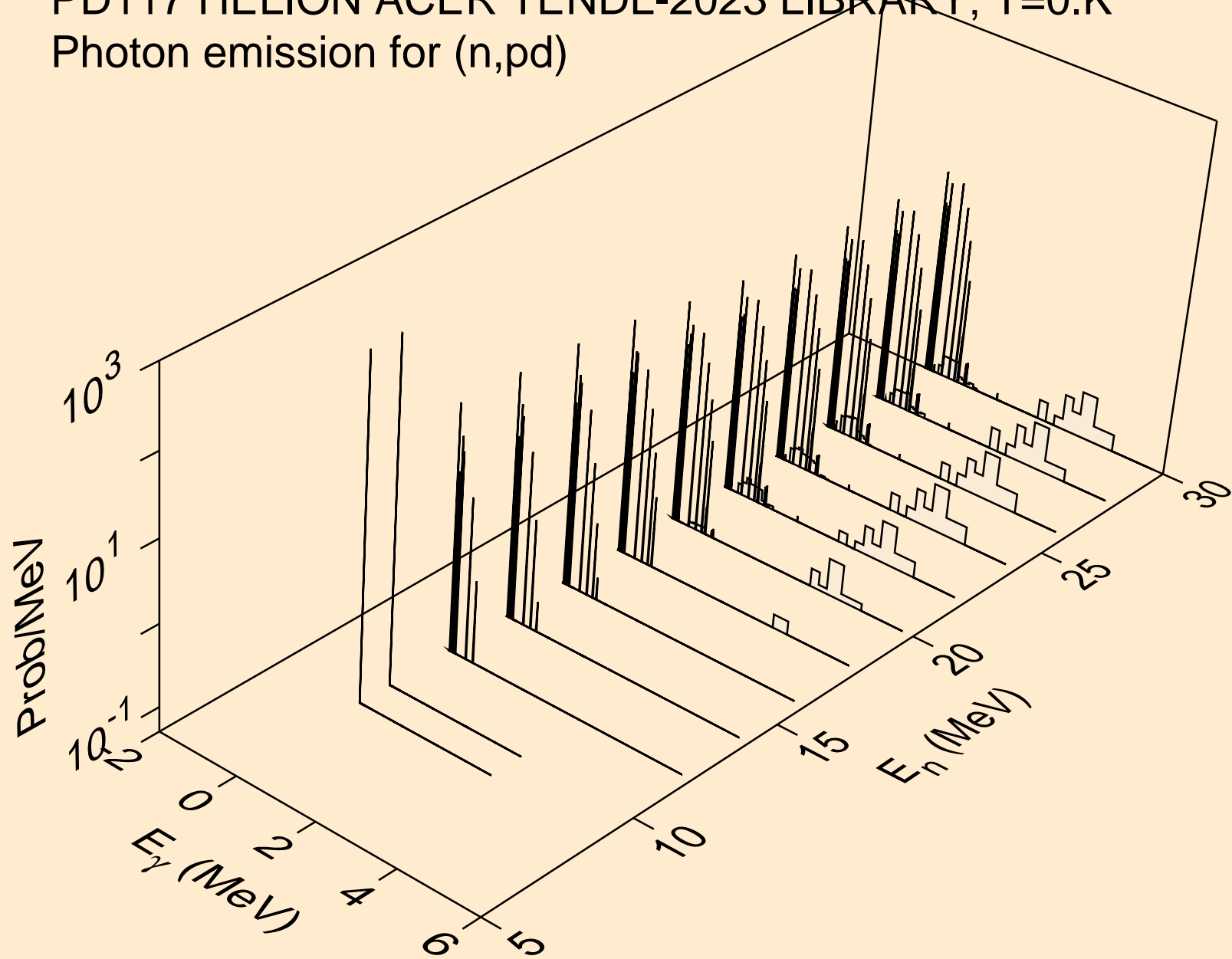
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Photon emission for (n,2p)



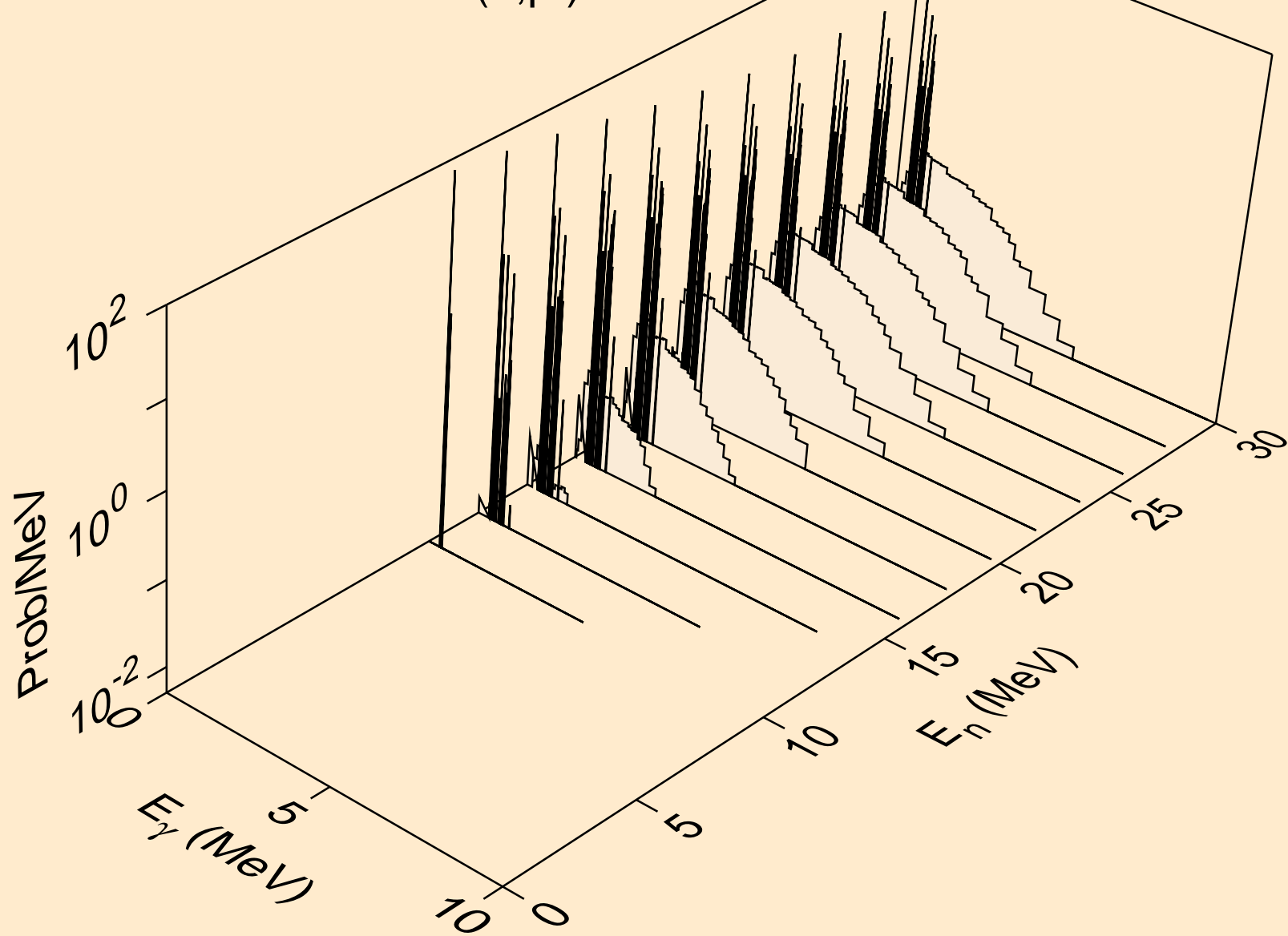
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Photon emission for (n,pa)



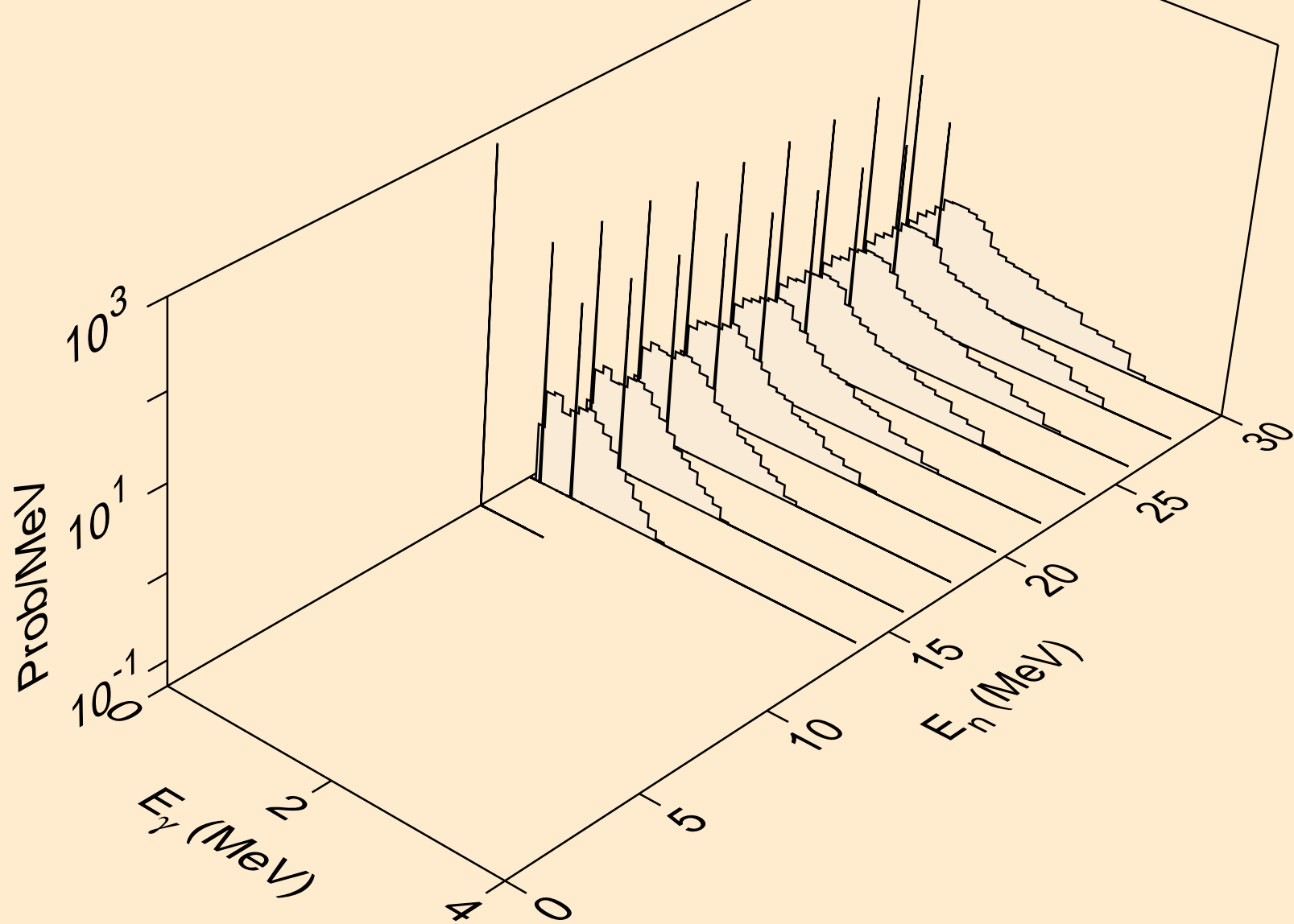
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Photon emission for (n,pd)



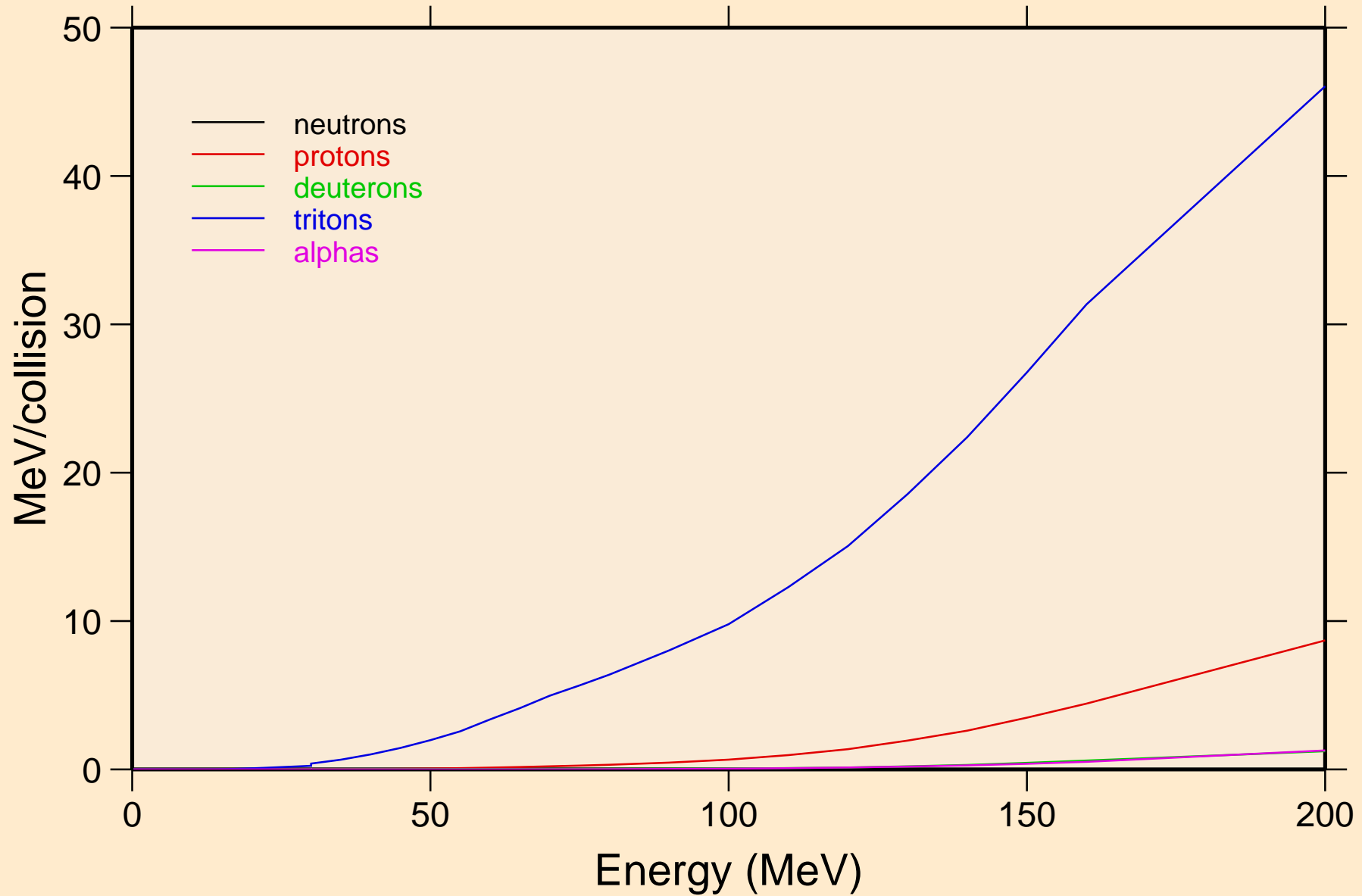
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Photon emission for (n,pt)



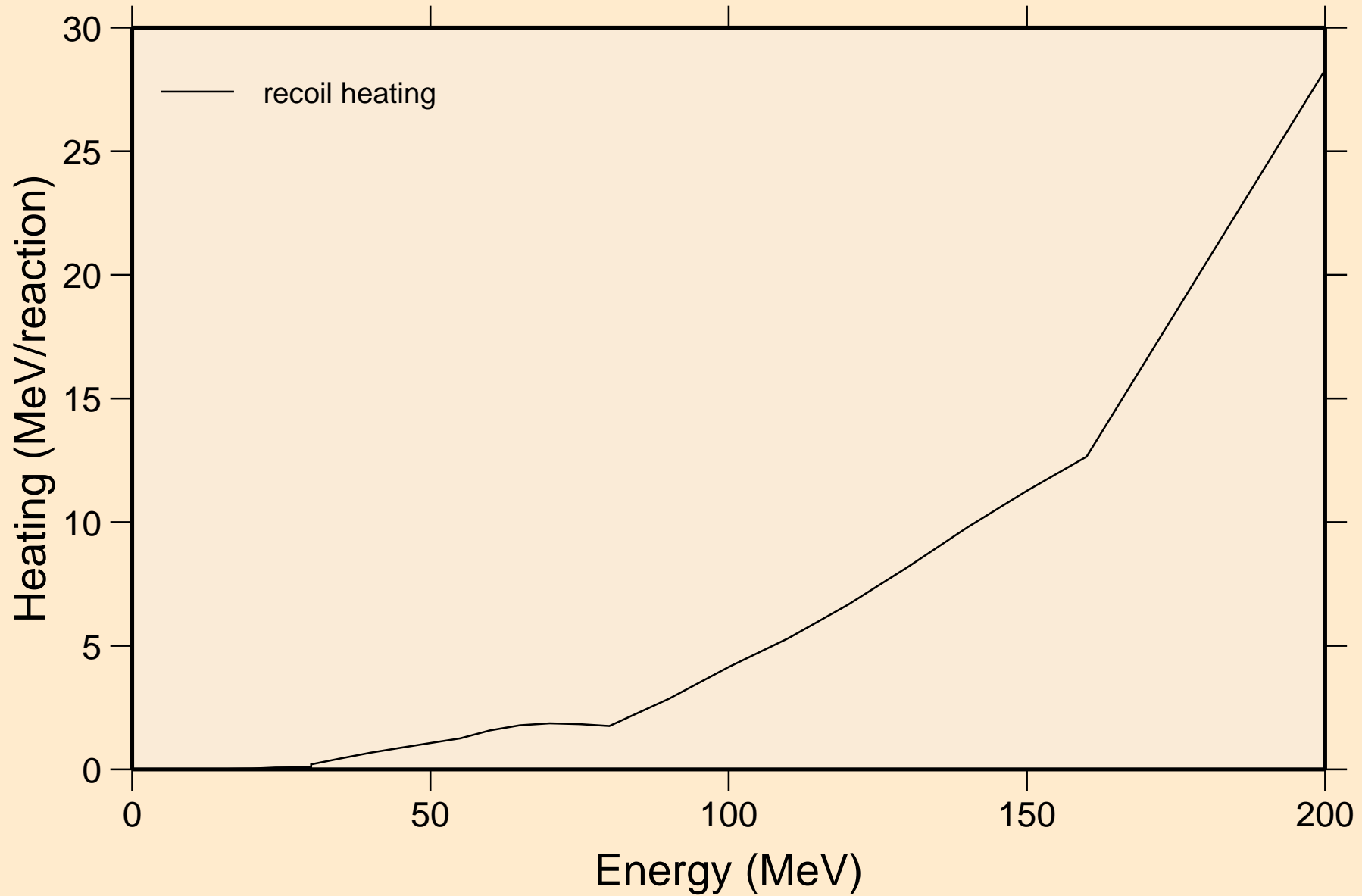
PD117 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



PD117 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions

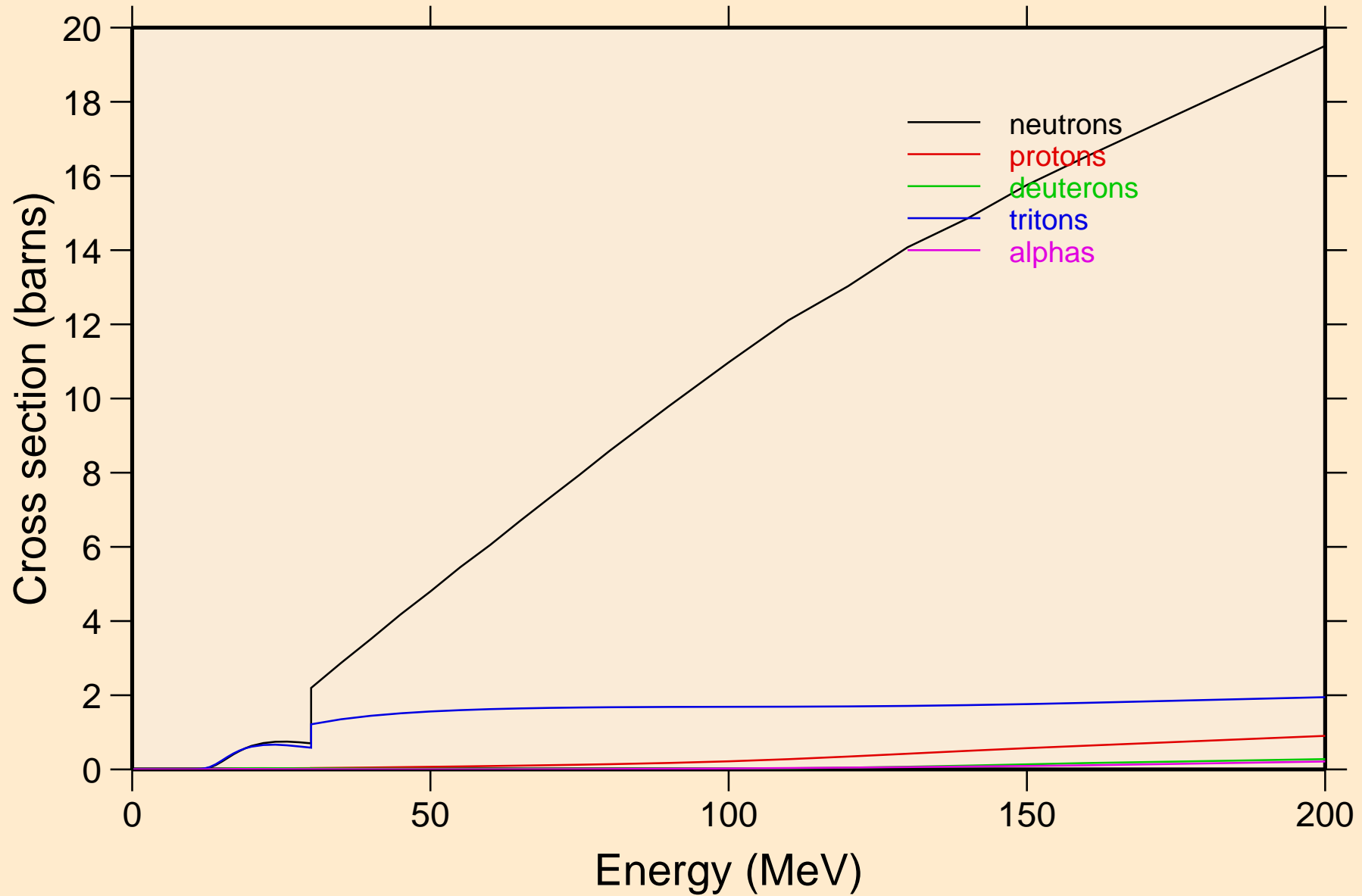


PD117 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

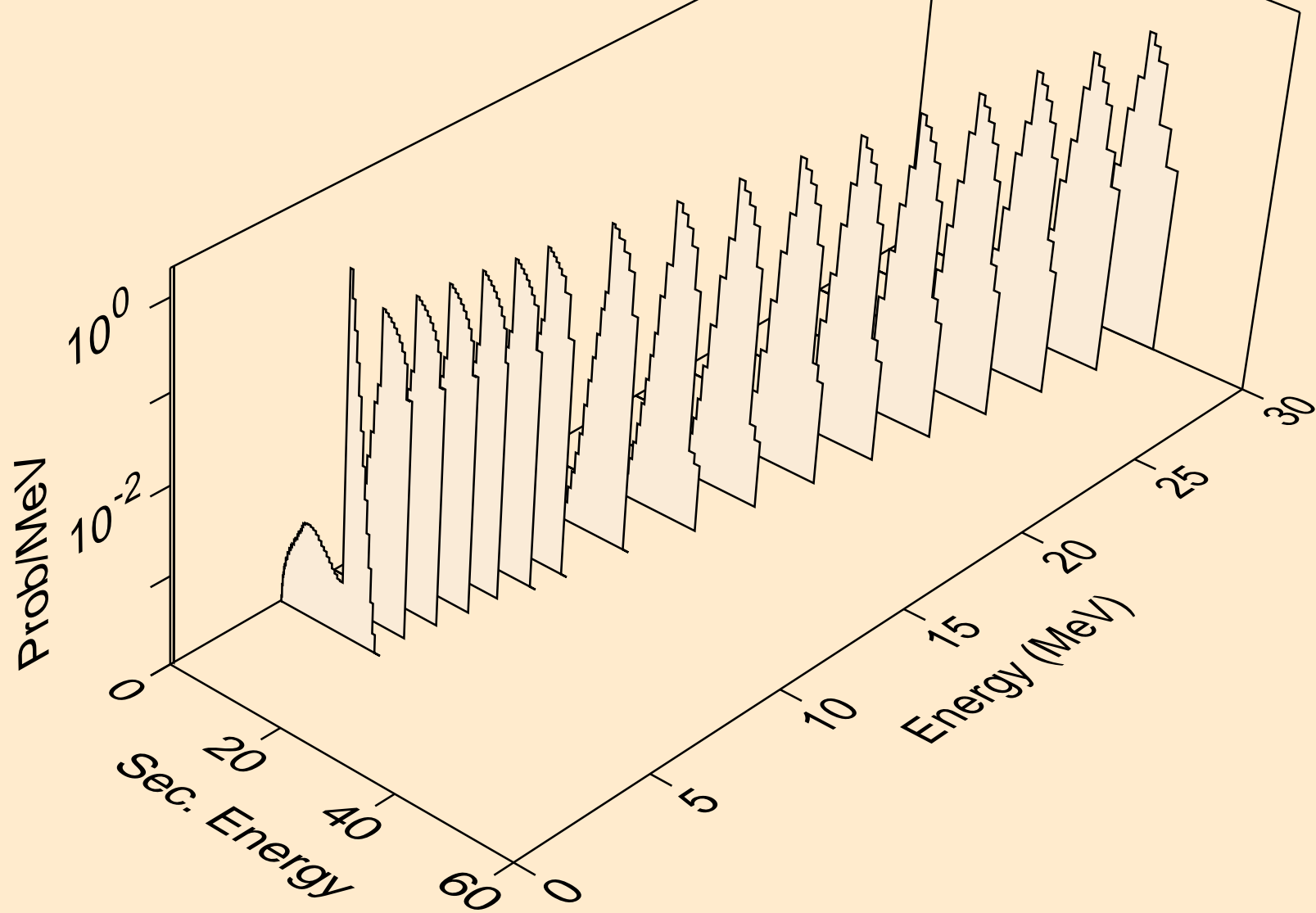




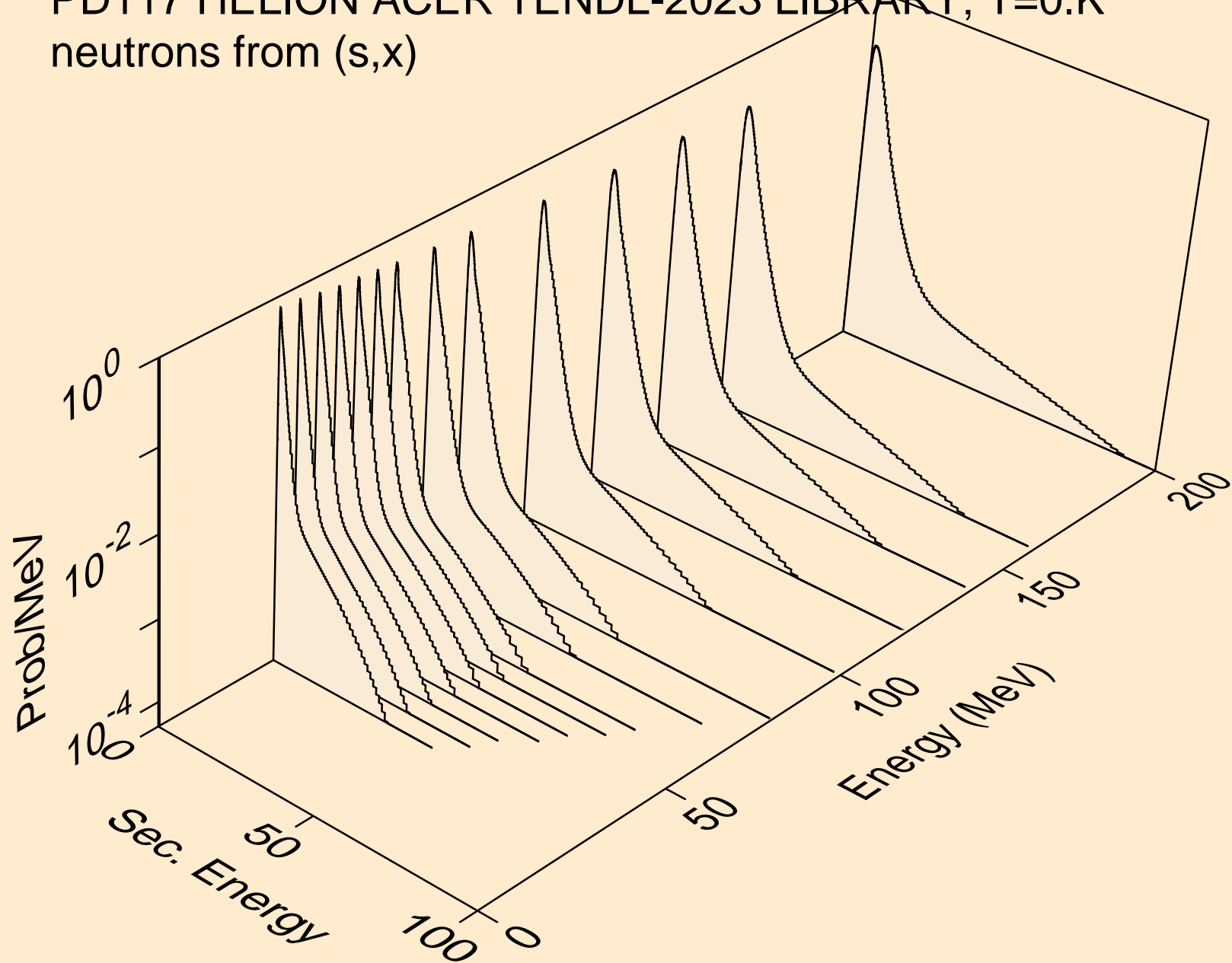
PD117 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



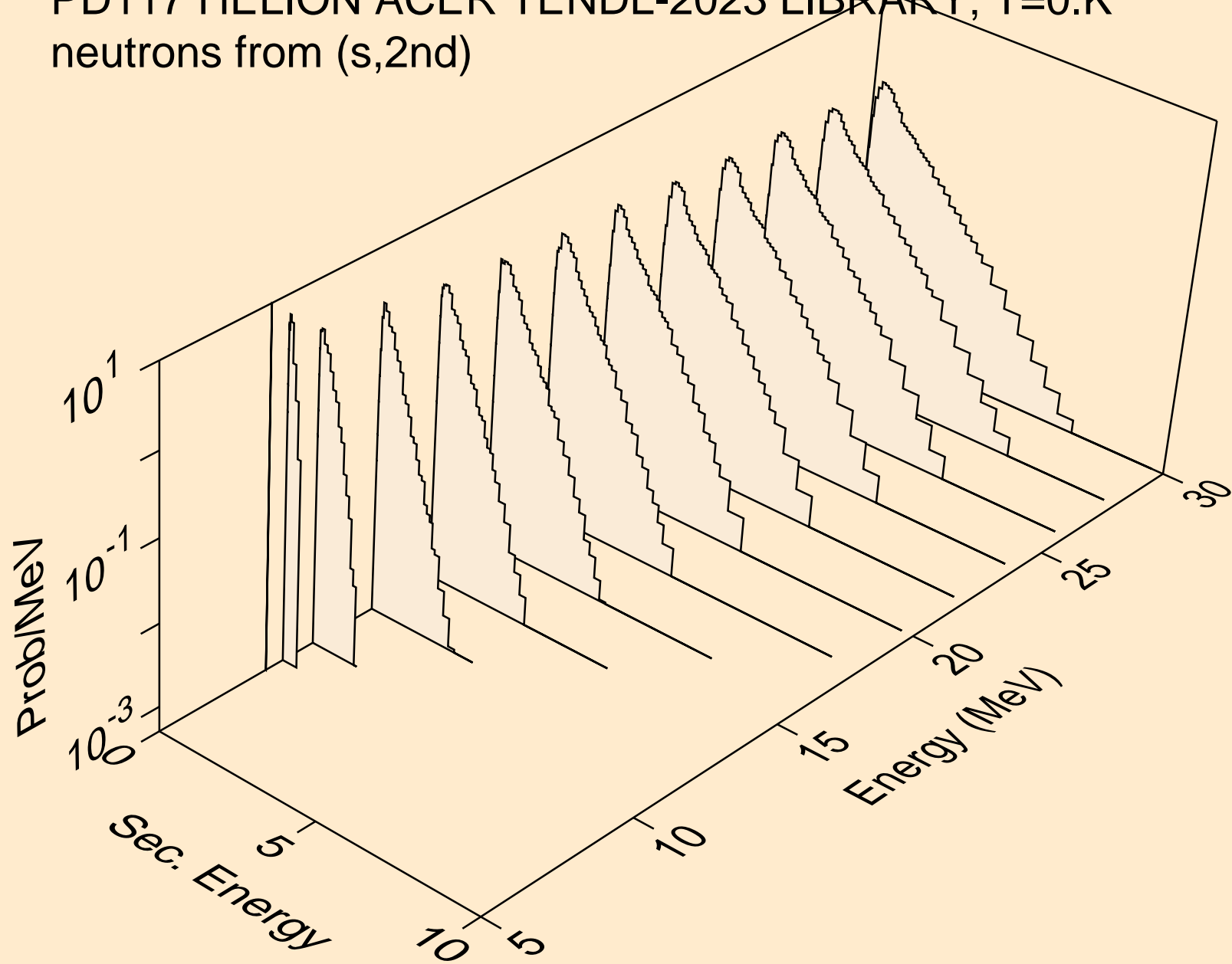
PD117 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n)



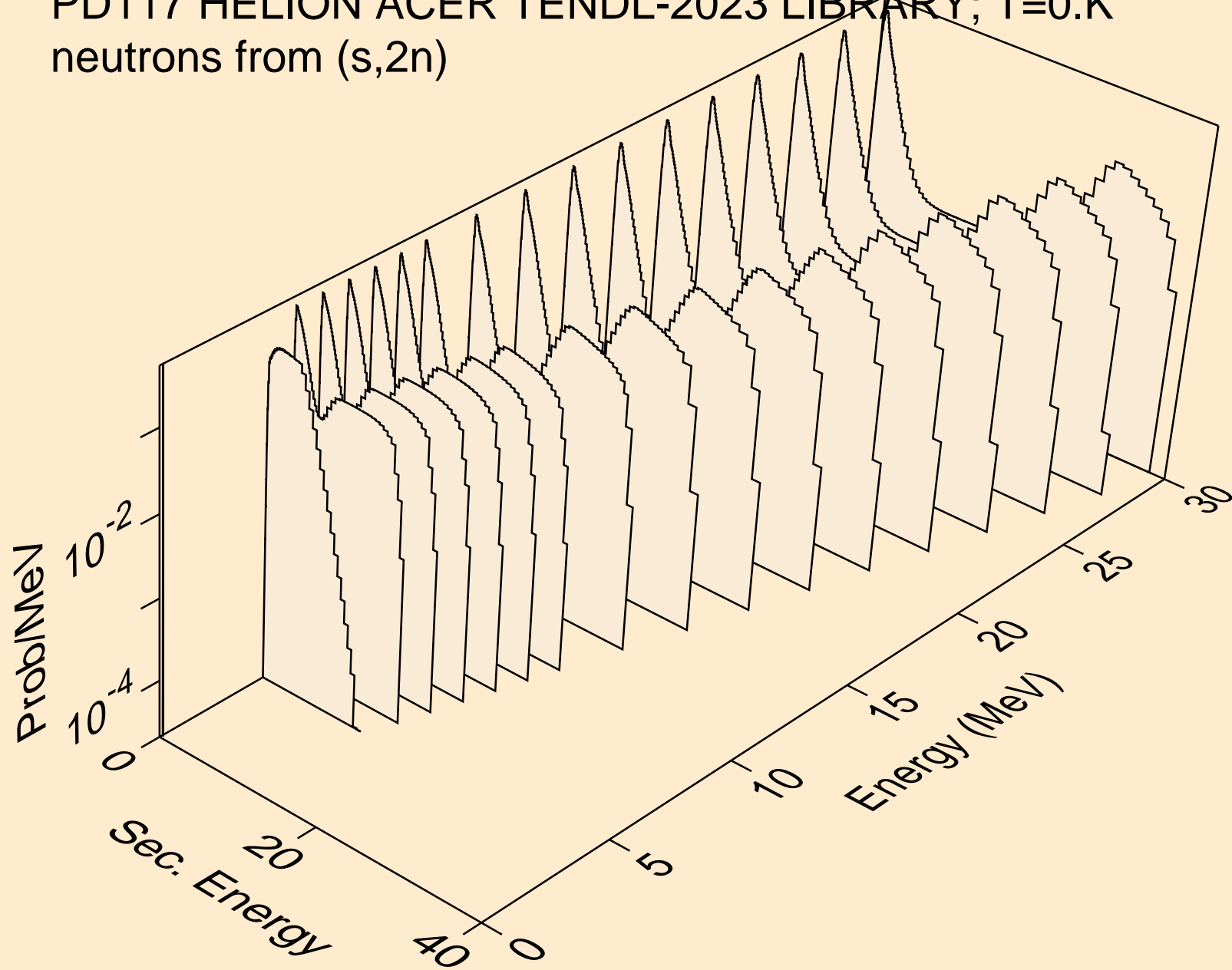
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neutrons from (s,x)



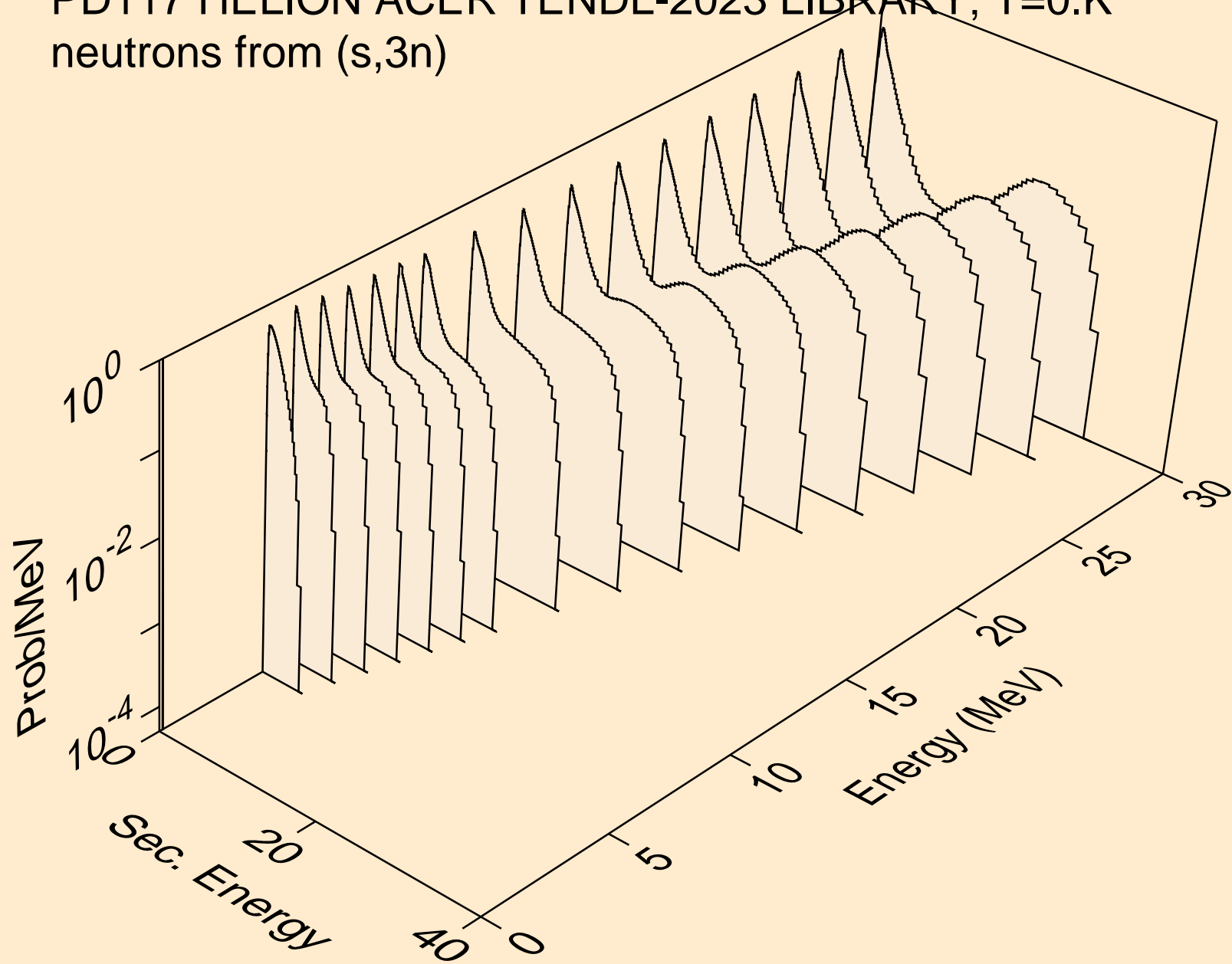
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neutrons from (s,2nd)



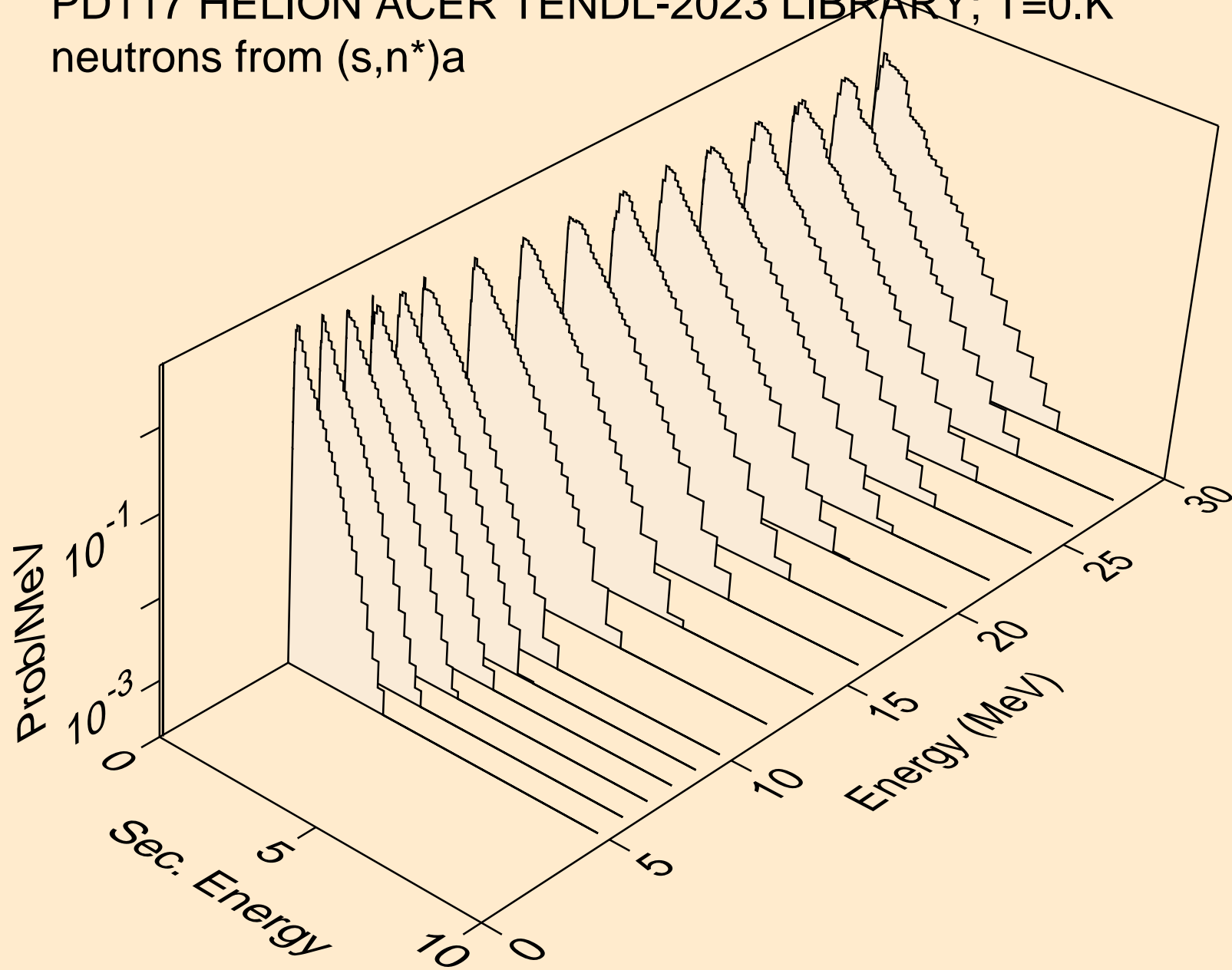
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neutrons from (s,2n)



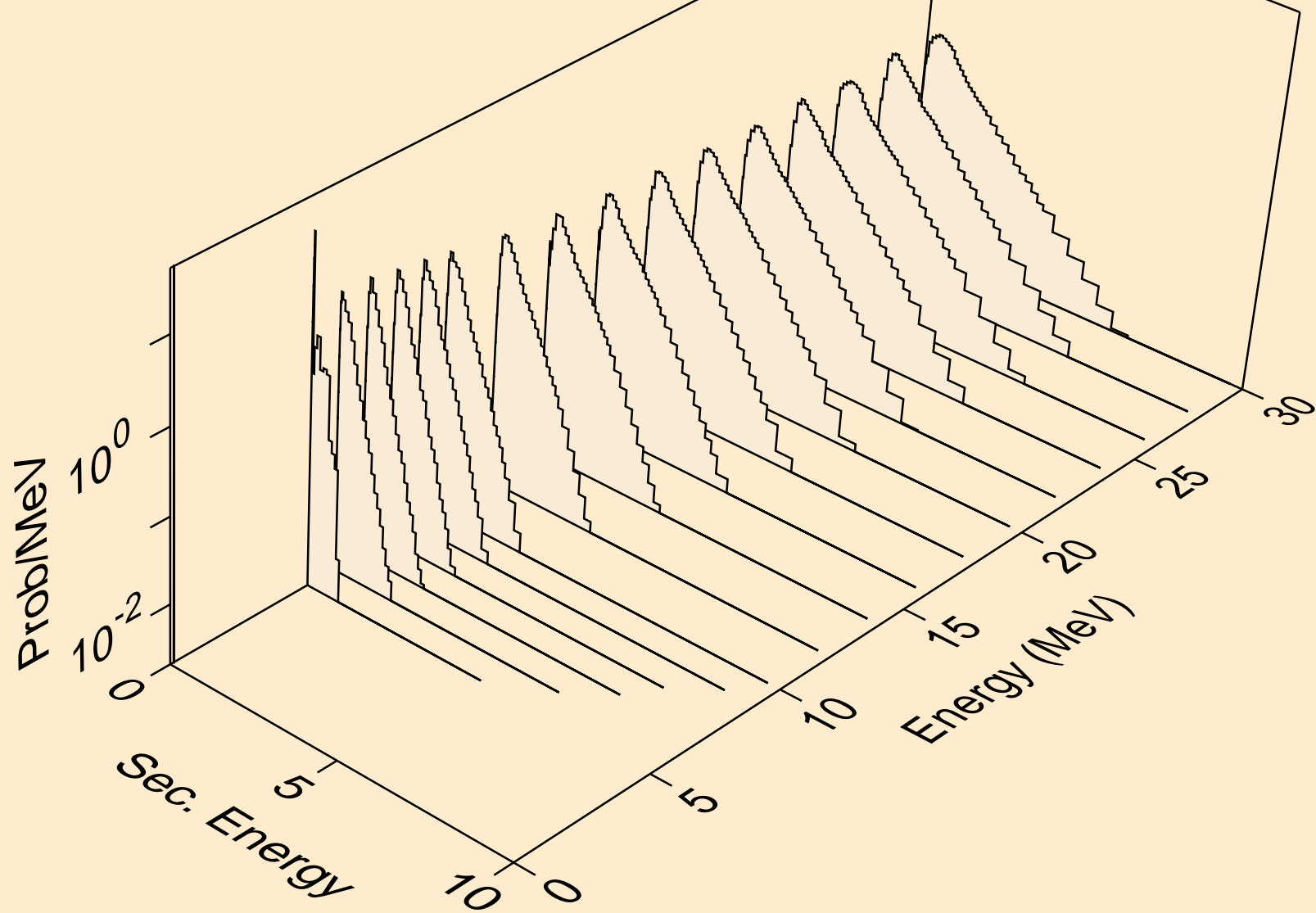
PD117 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3n)



PD117 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)a

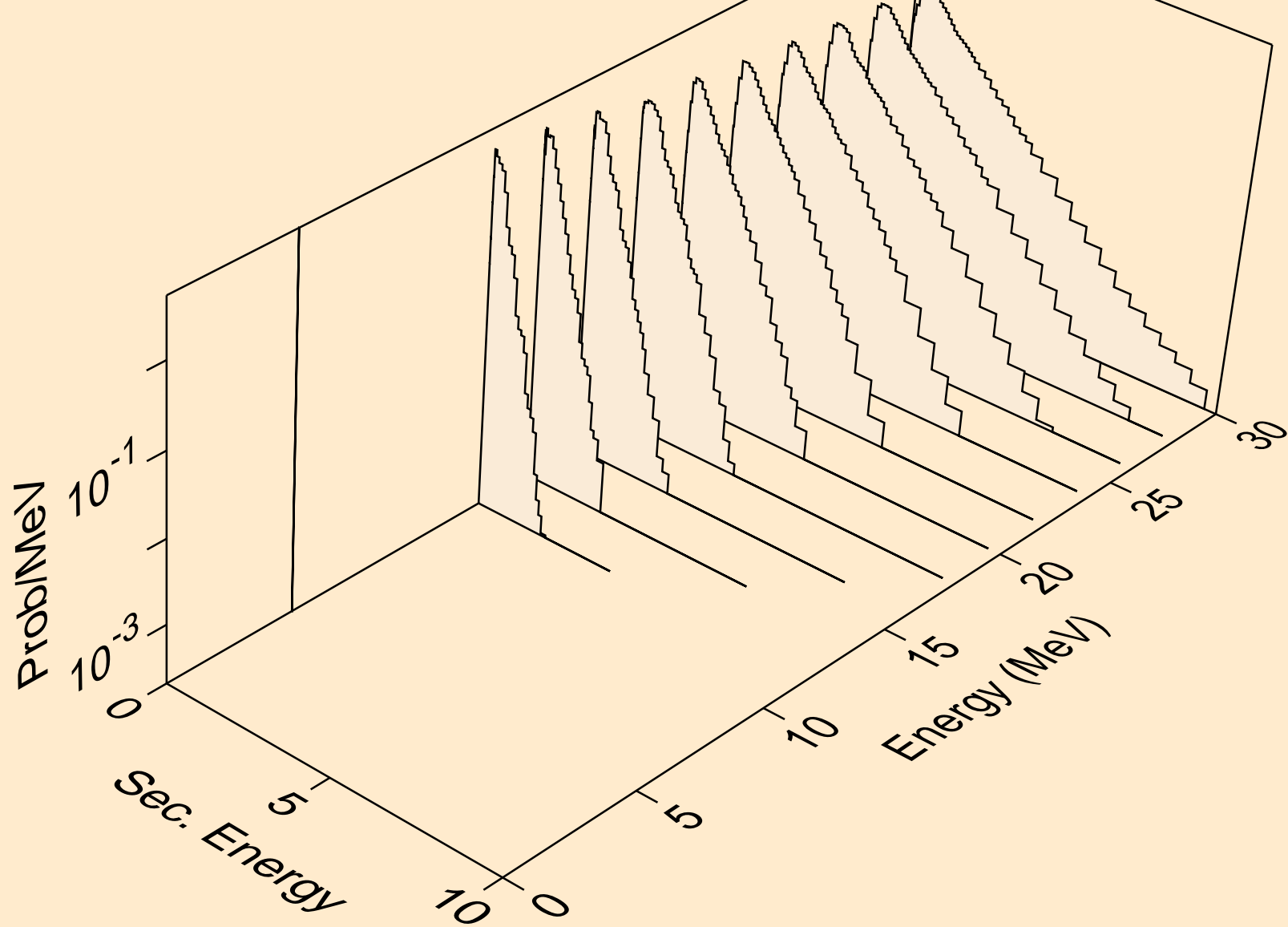


PD117 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)a

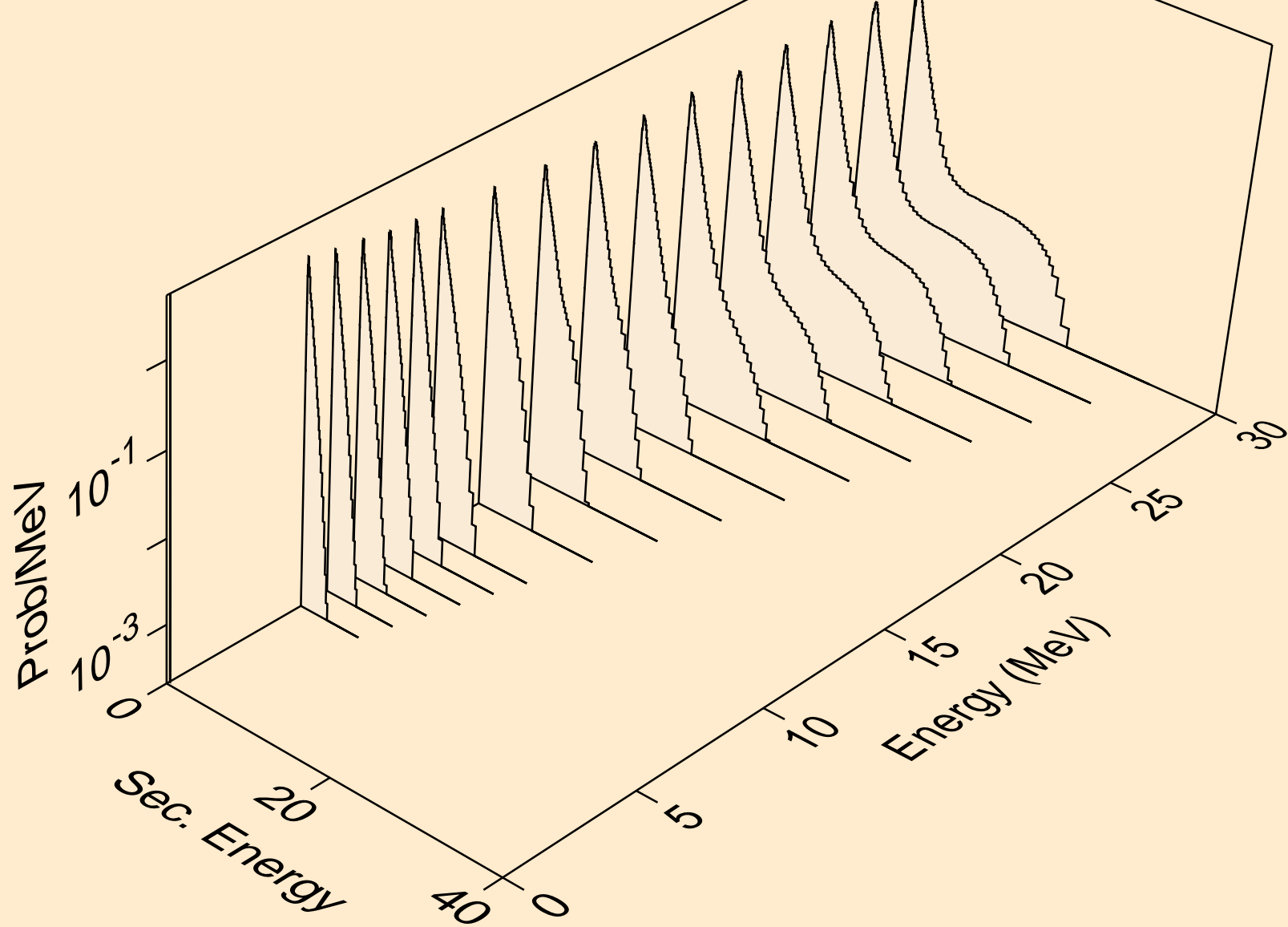




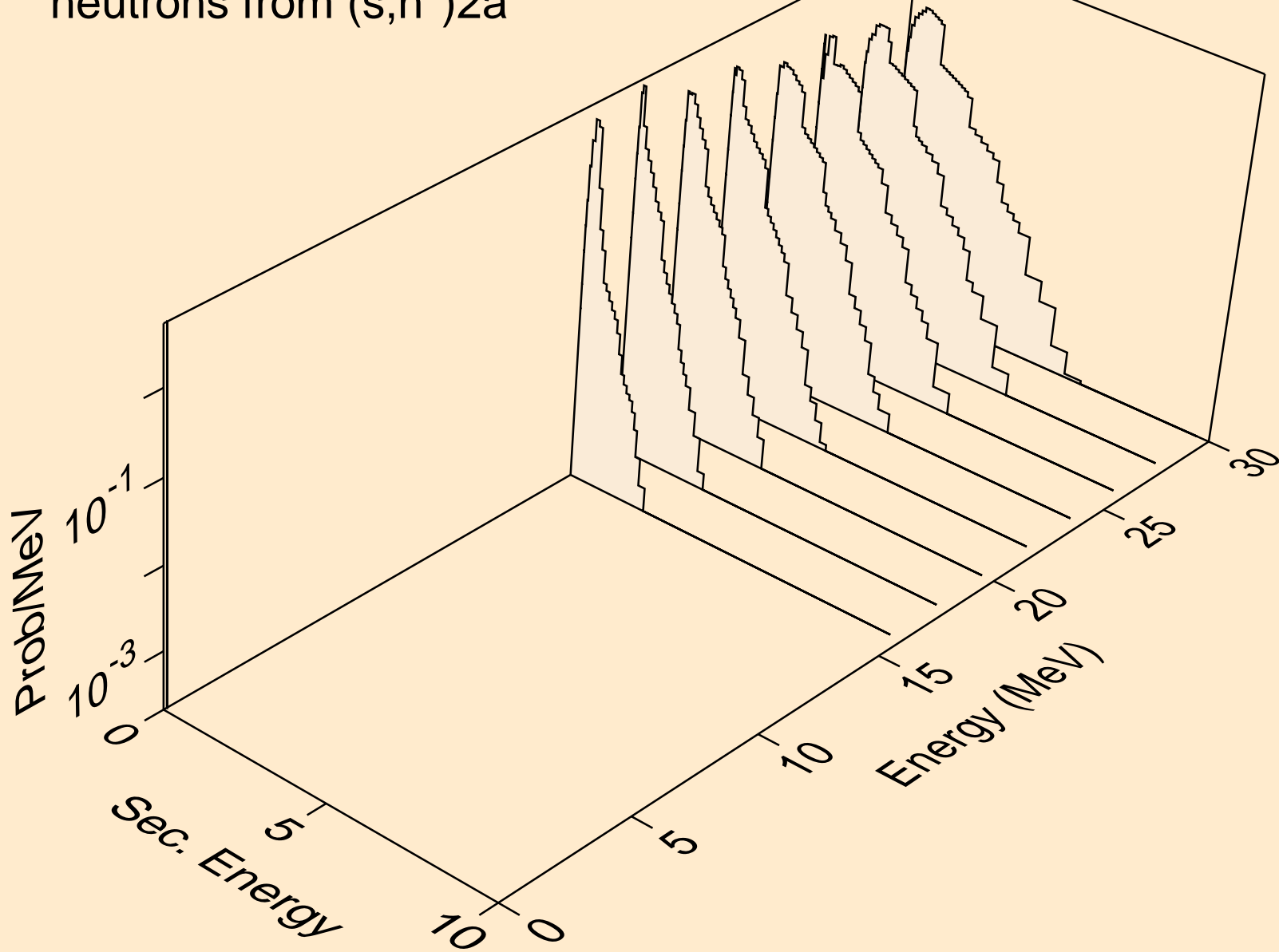
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neutrons from (s,3n)a



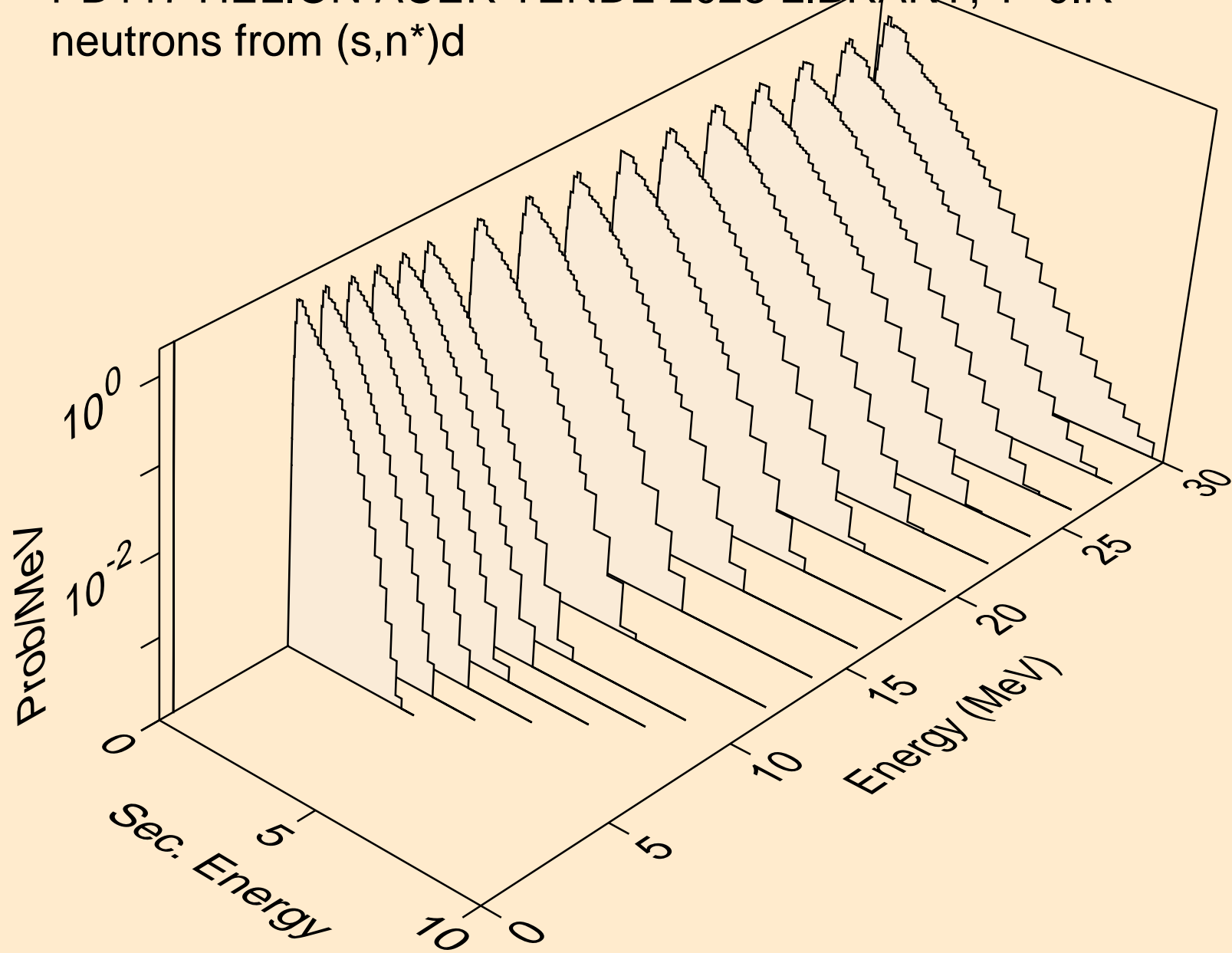
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neutrons from (s,n\*)p



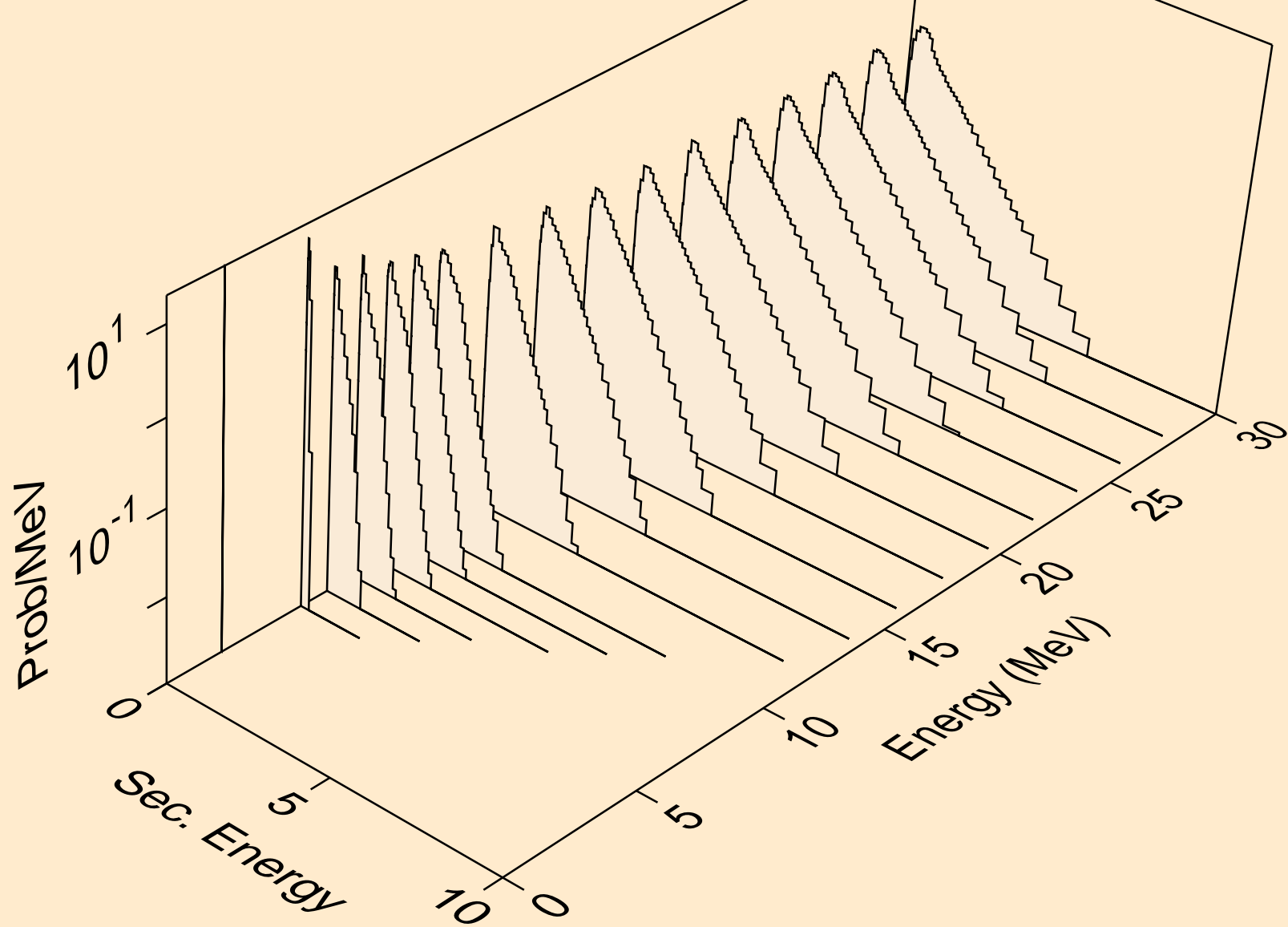
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neutrons from (s,n\*)2a



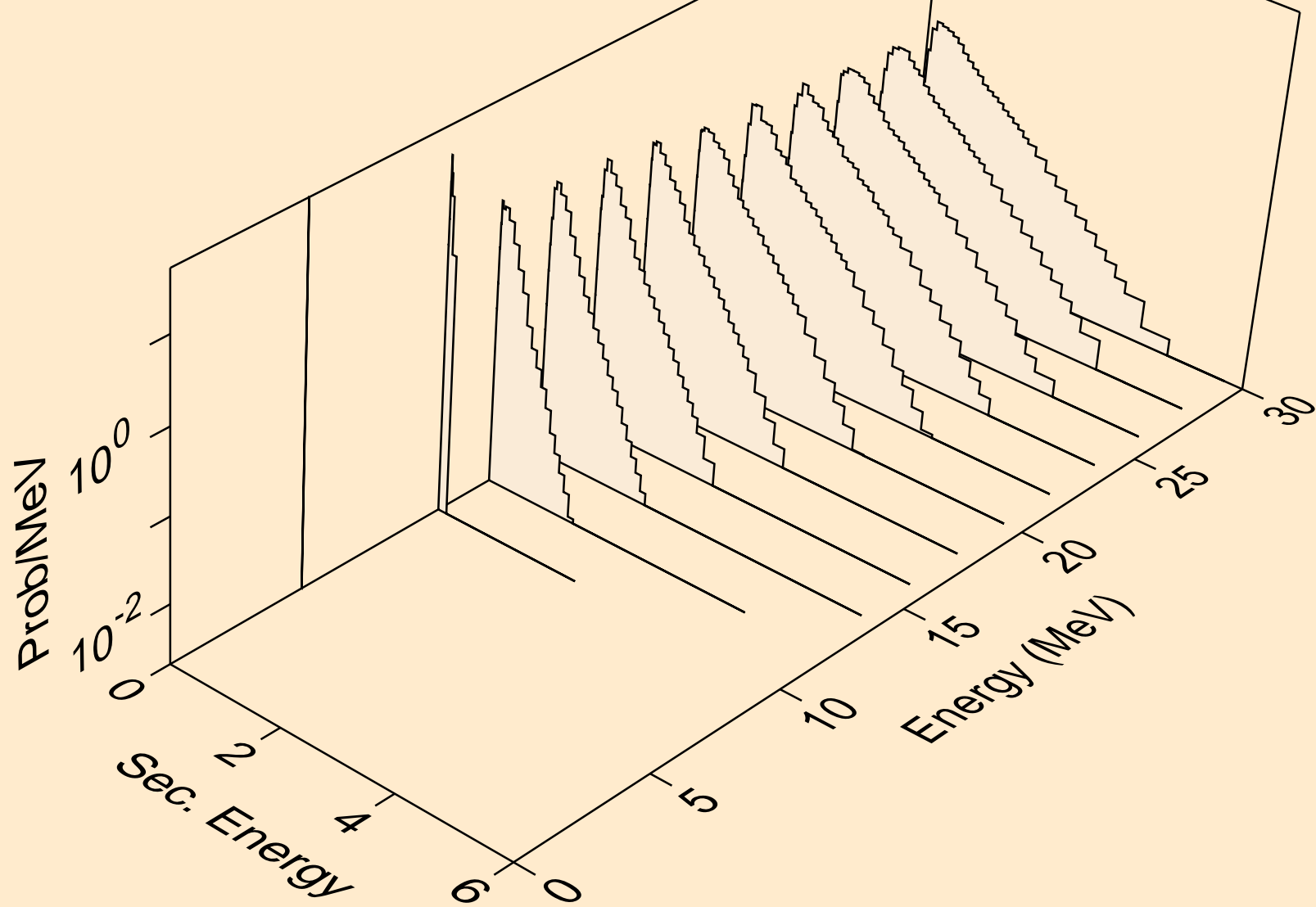
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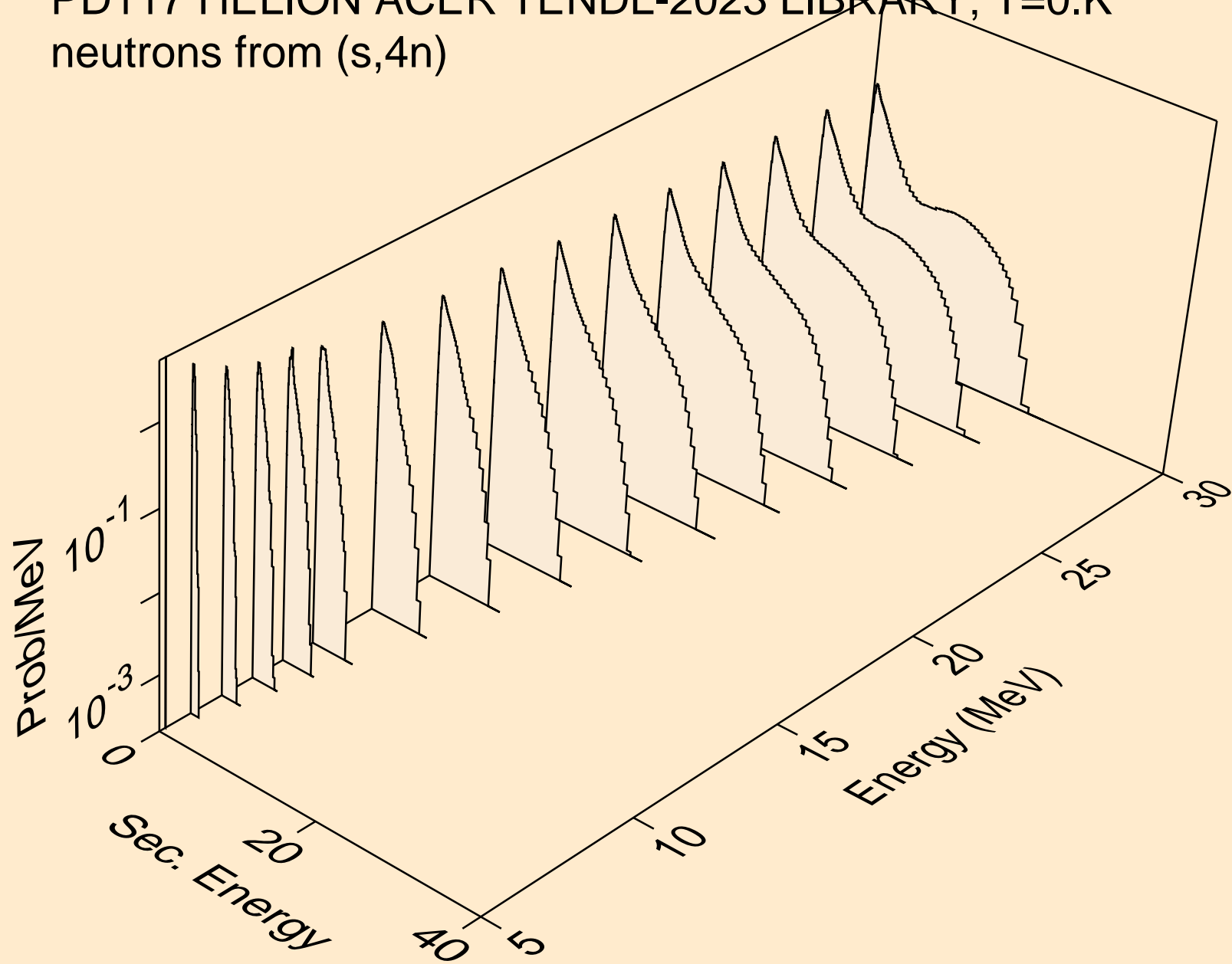
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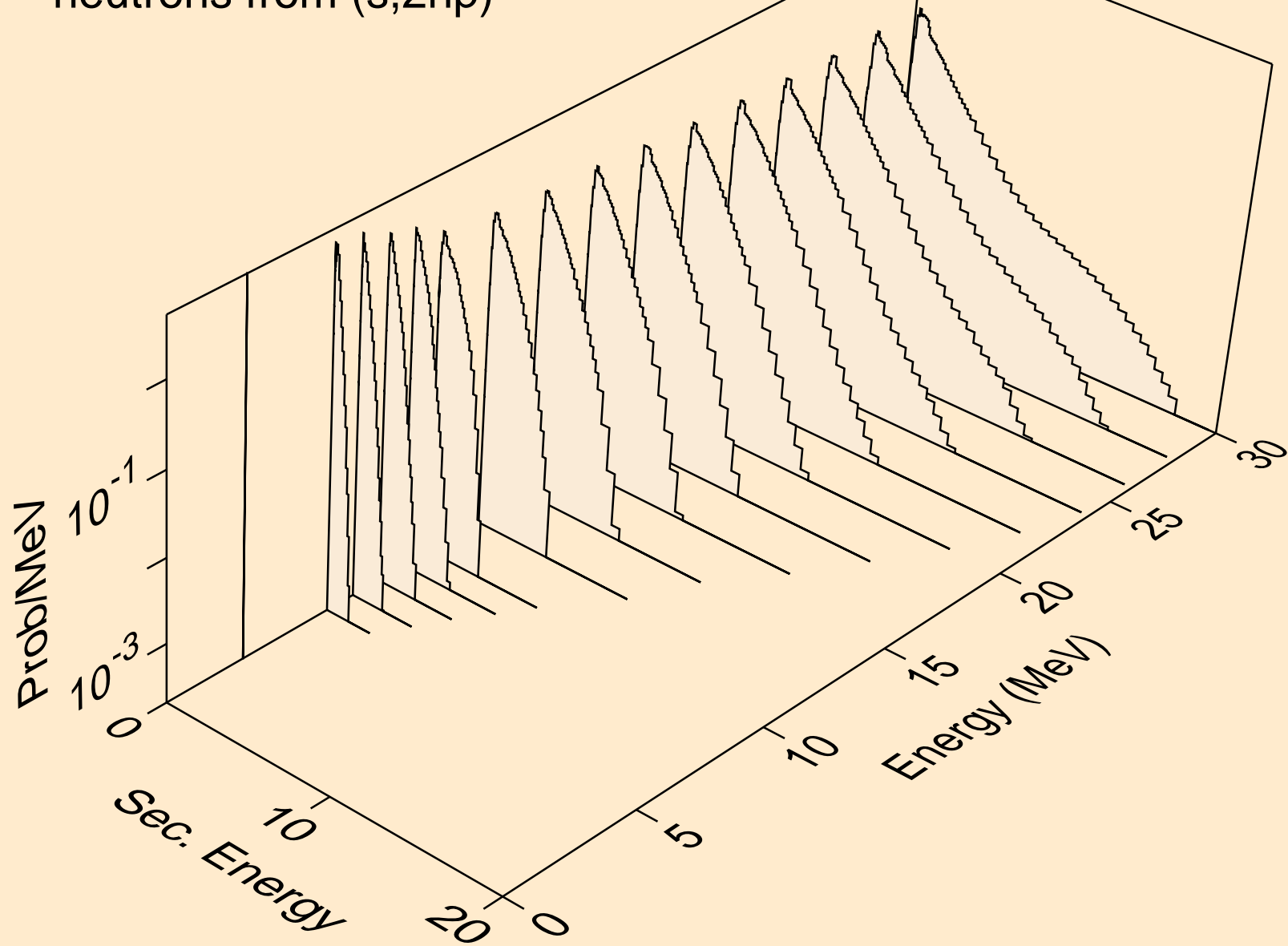
PD117 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



PD117 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,4n)

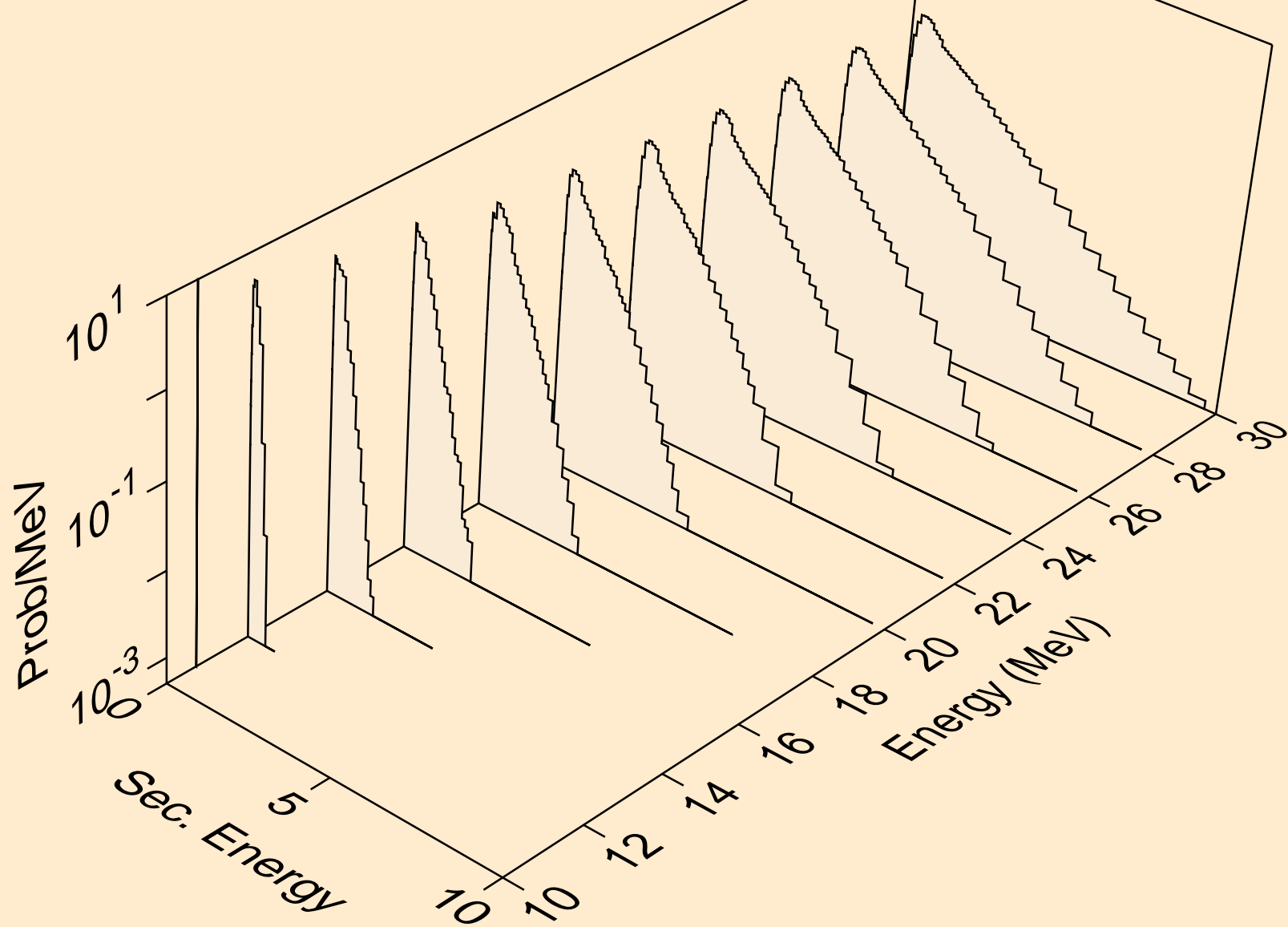


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neutrons from (s,2np)

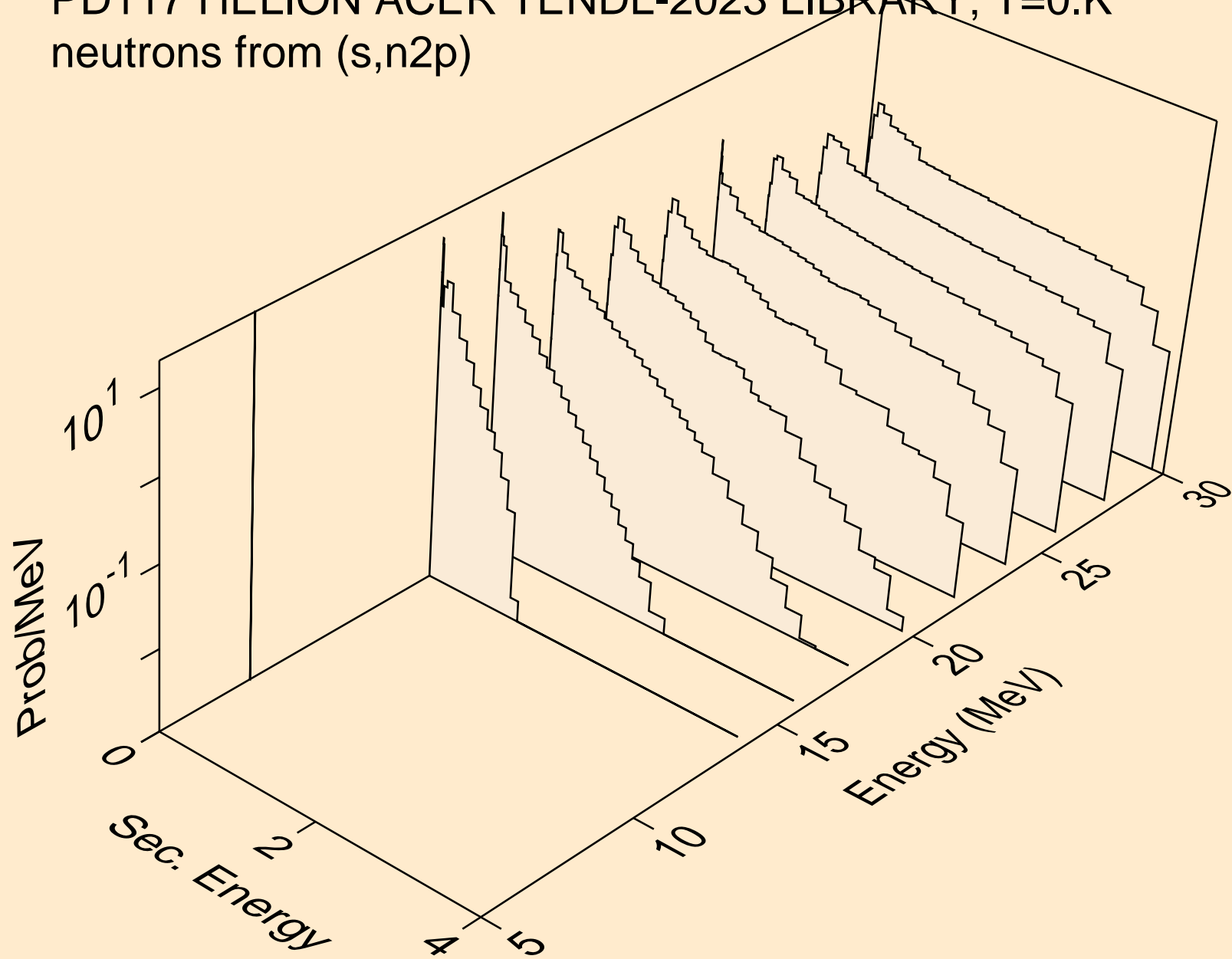




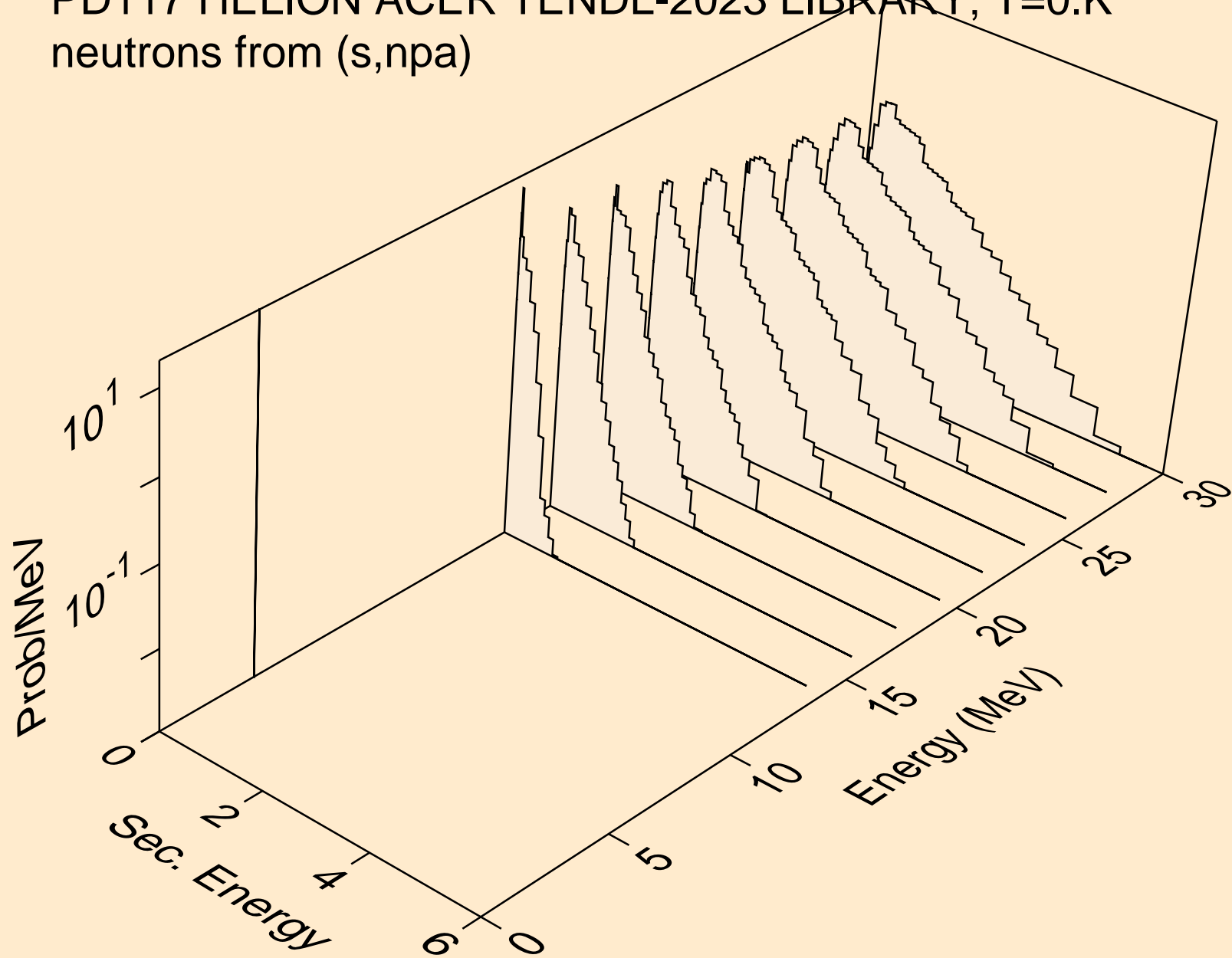
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neutrons from (s,3np)



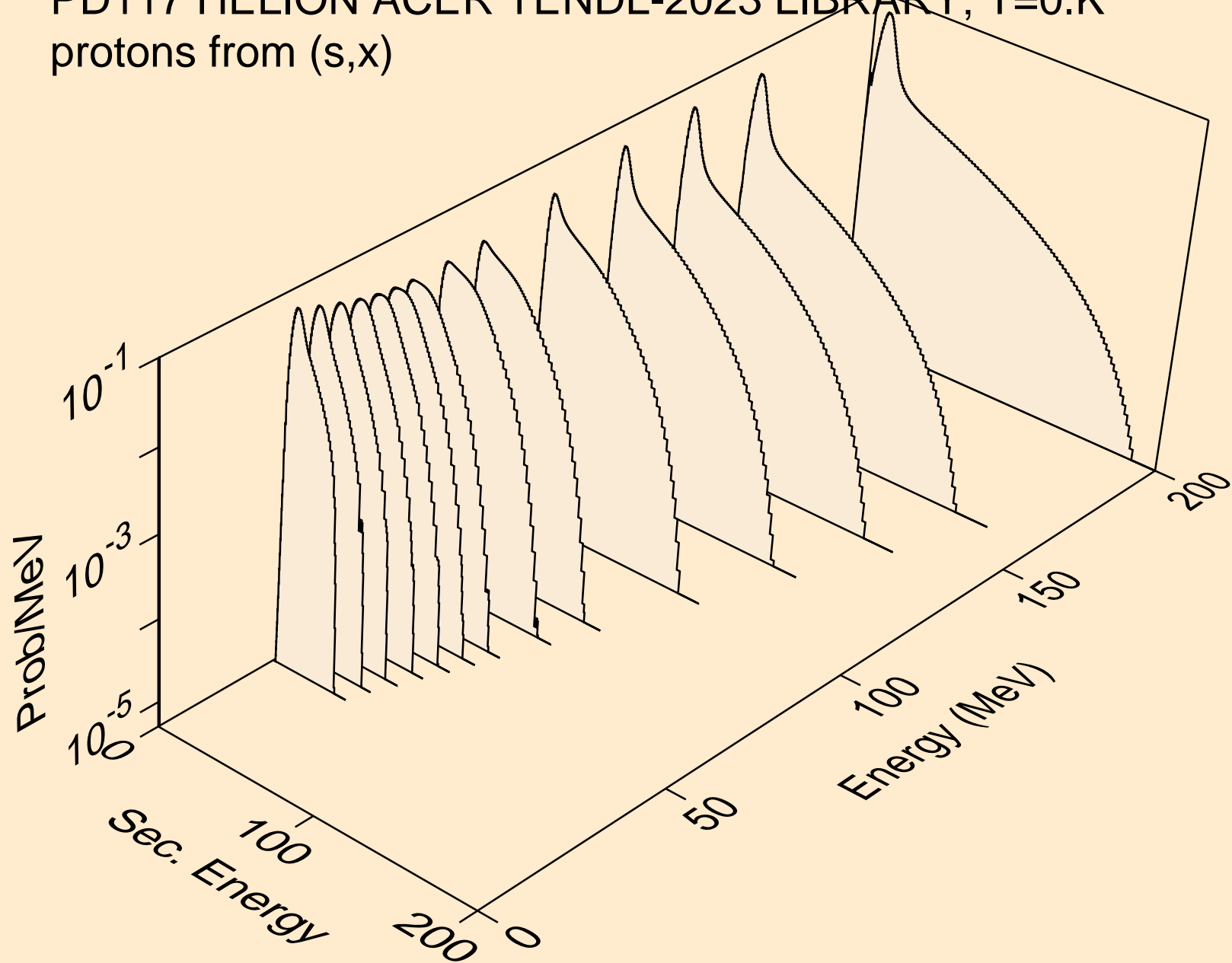
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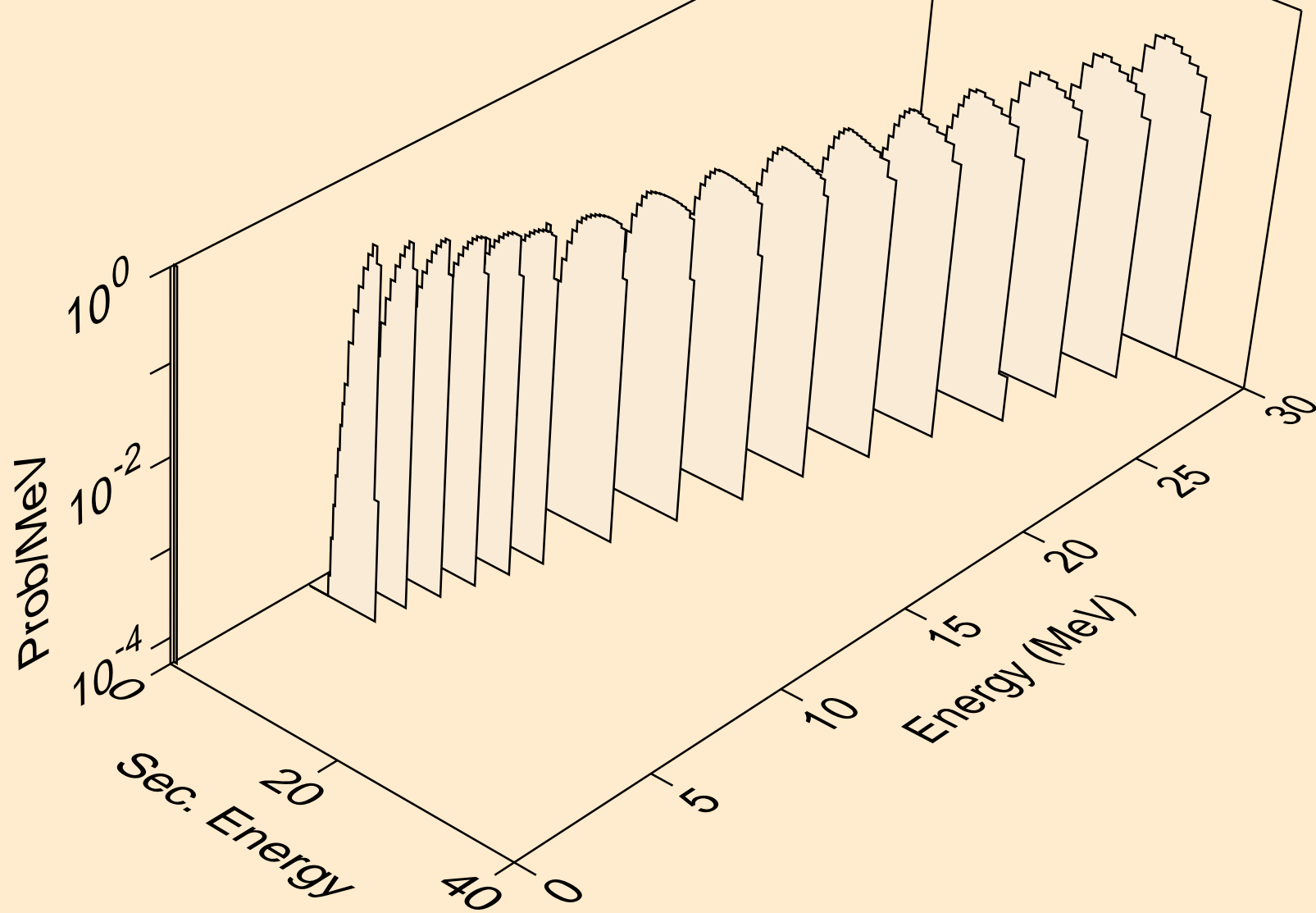
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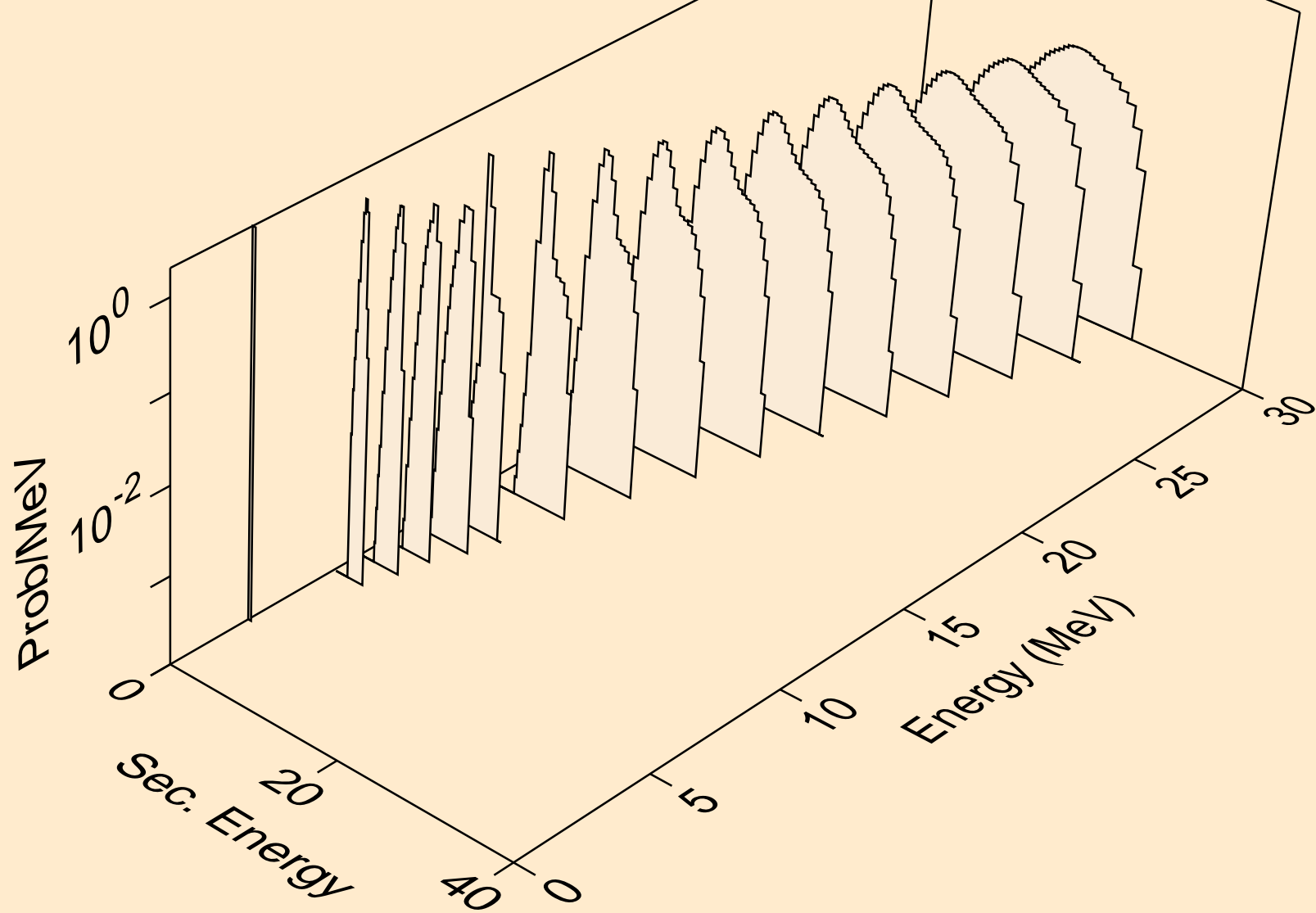
PD117 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,x)



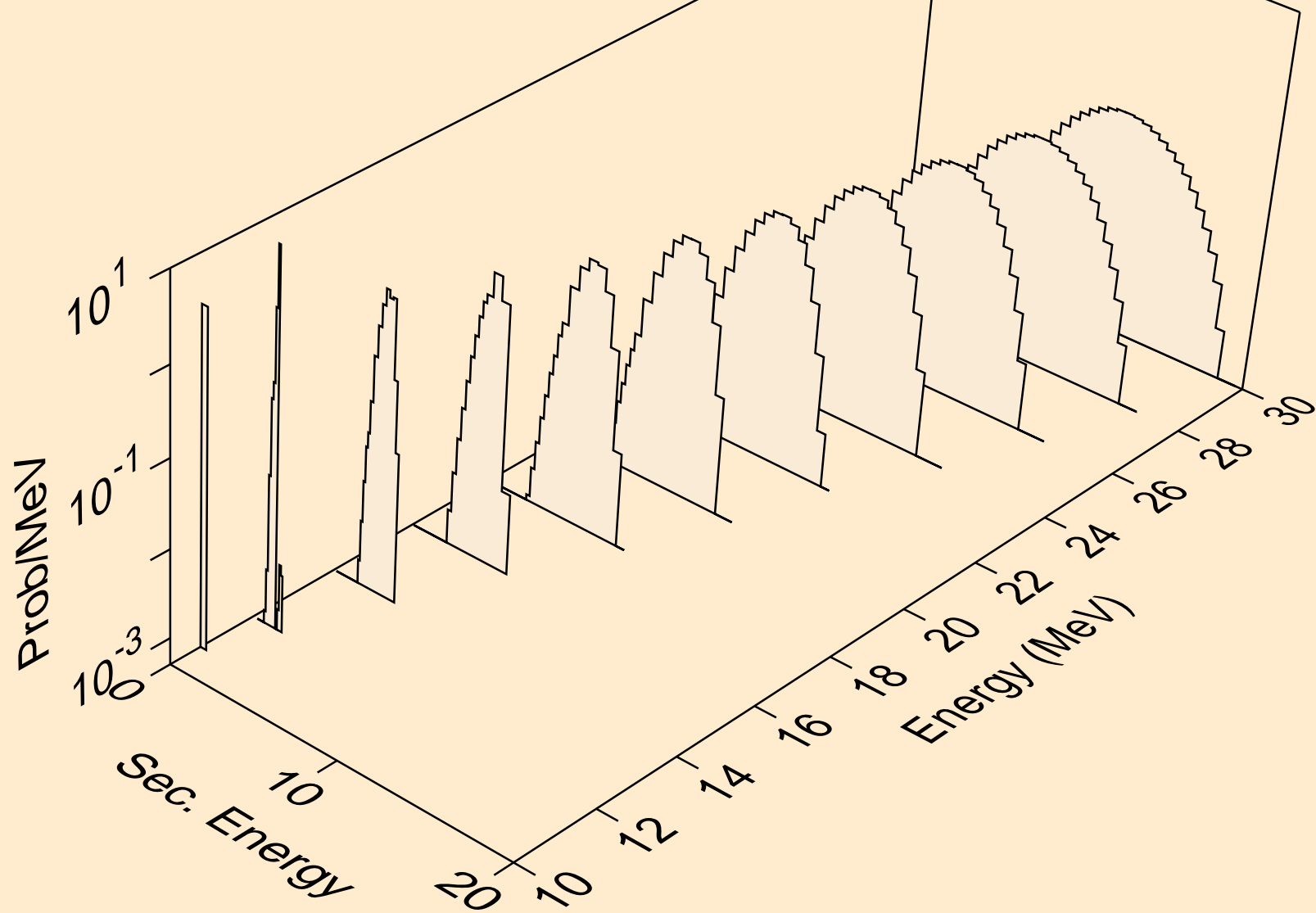
PD117 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,n\*)p



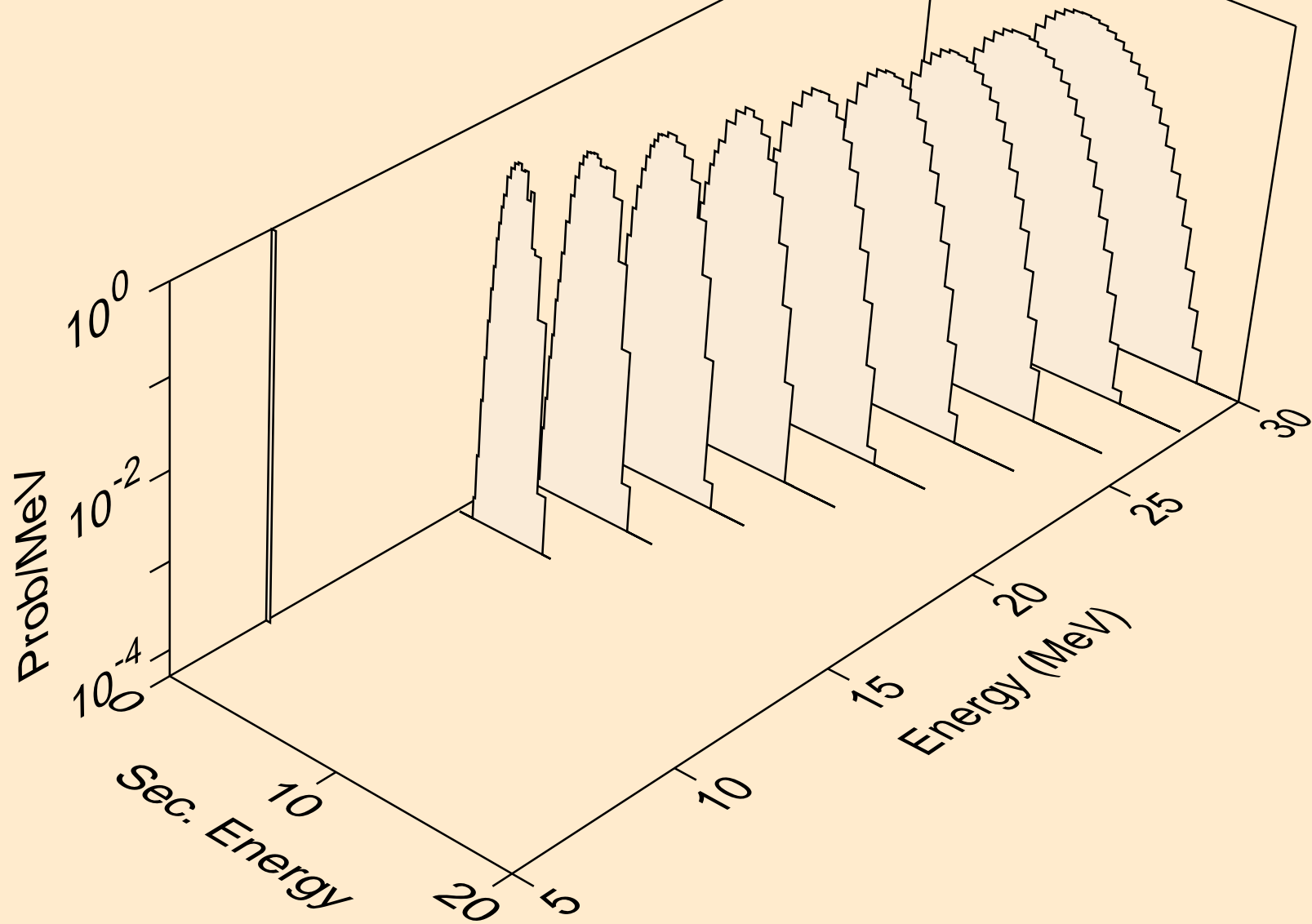
PD117 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,2np)



PD117 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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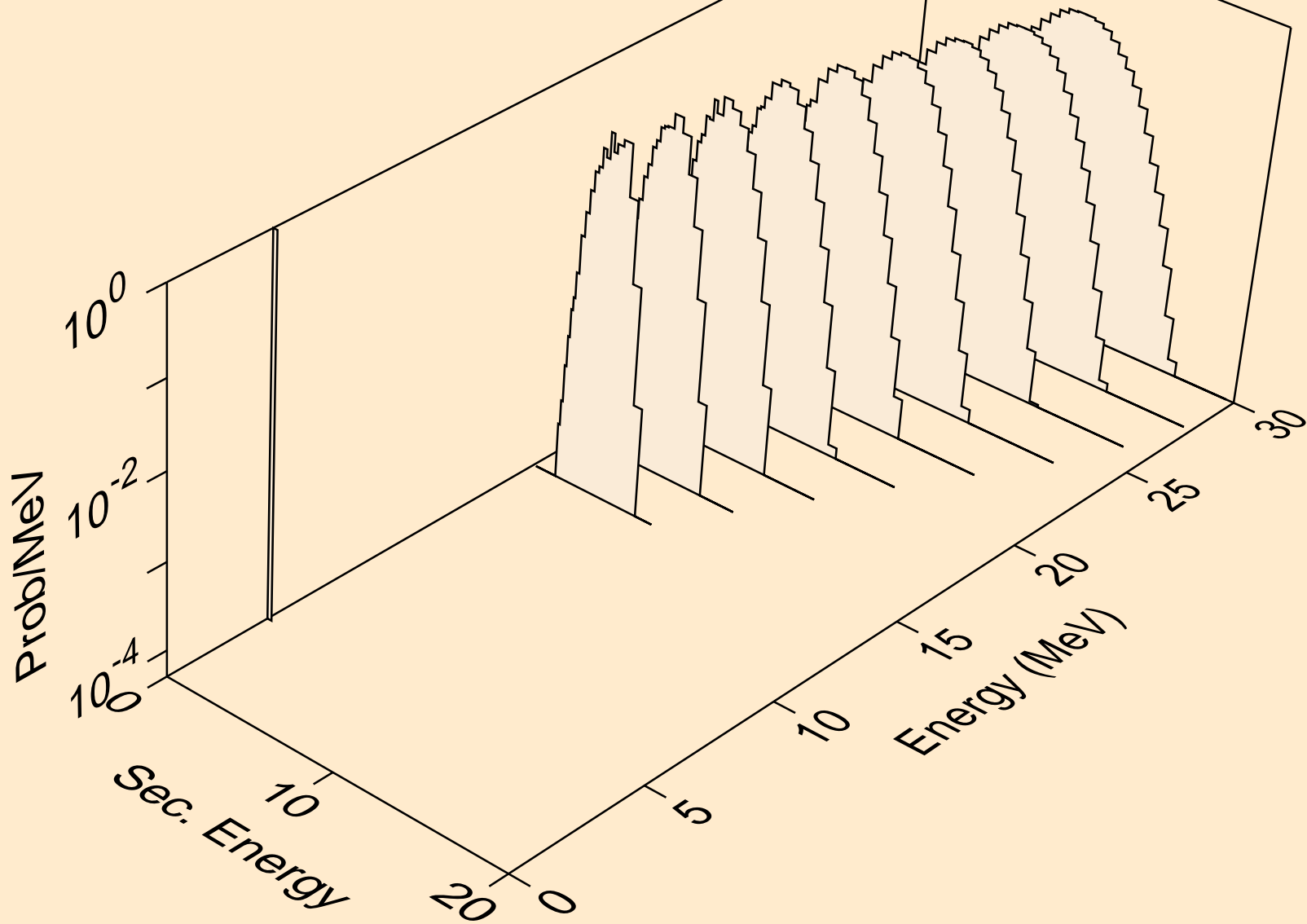


PD117 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,n2p)

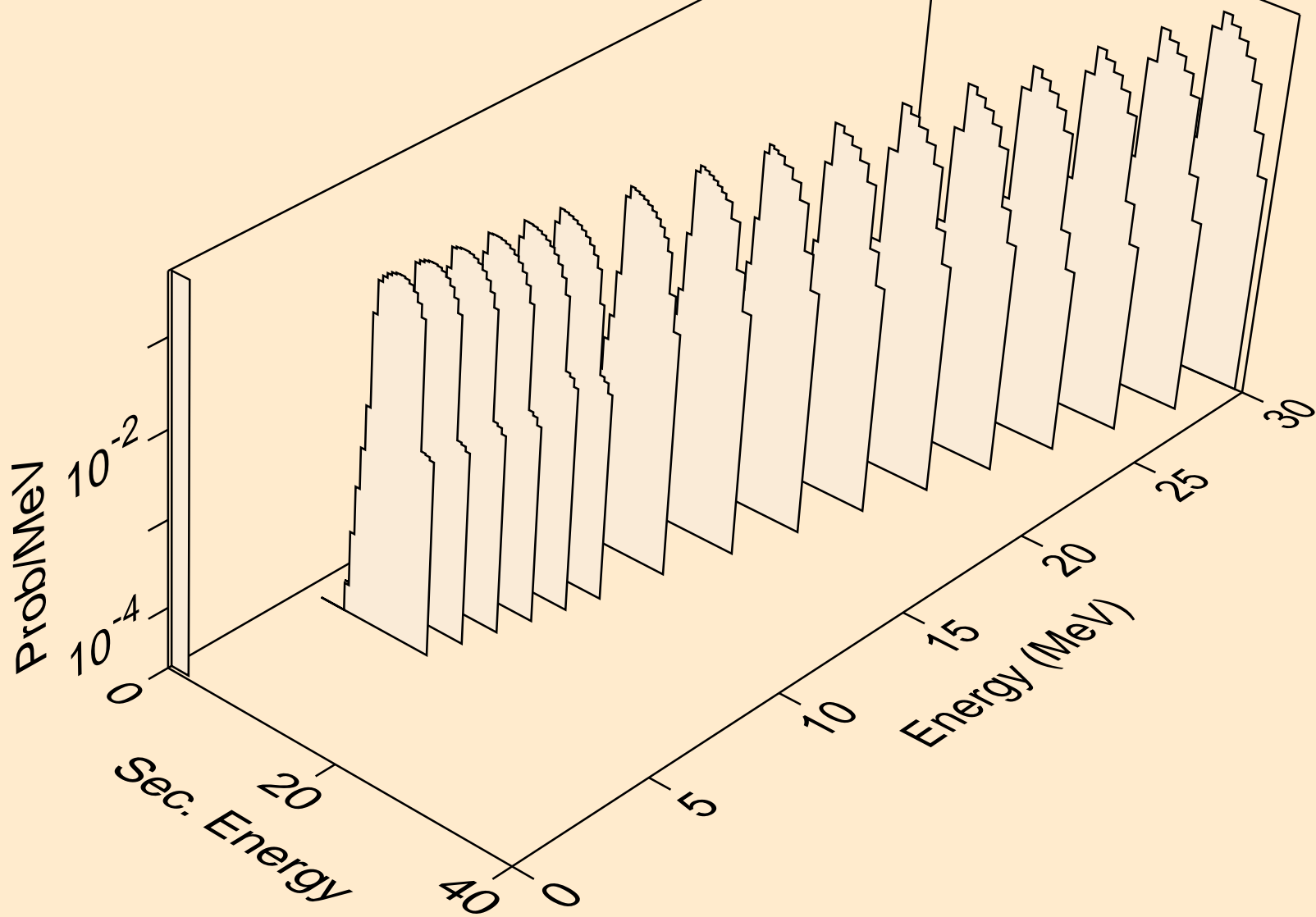




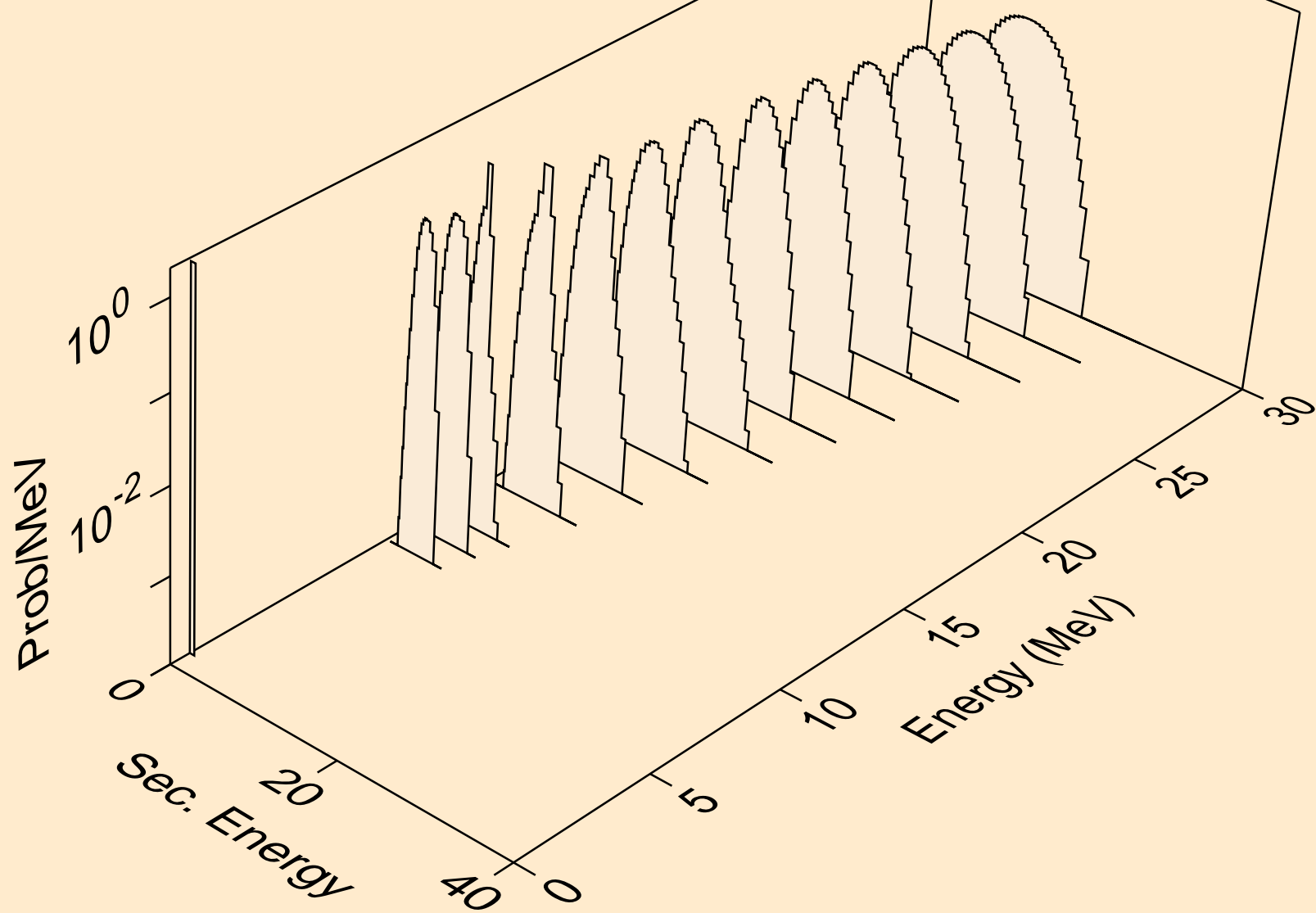
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protons from (s,npa)



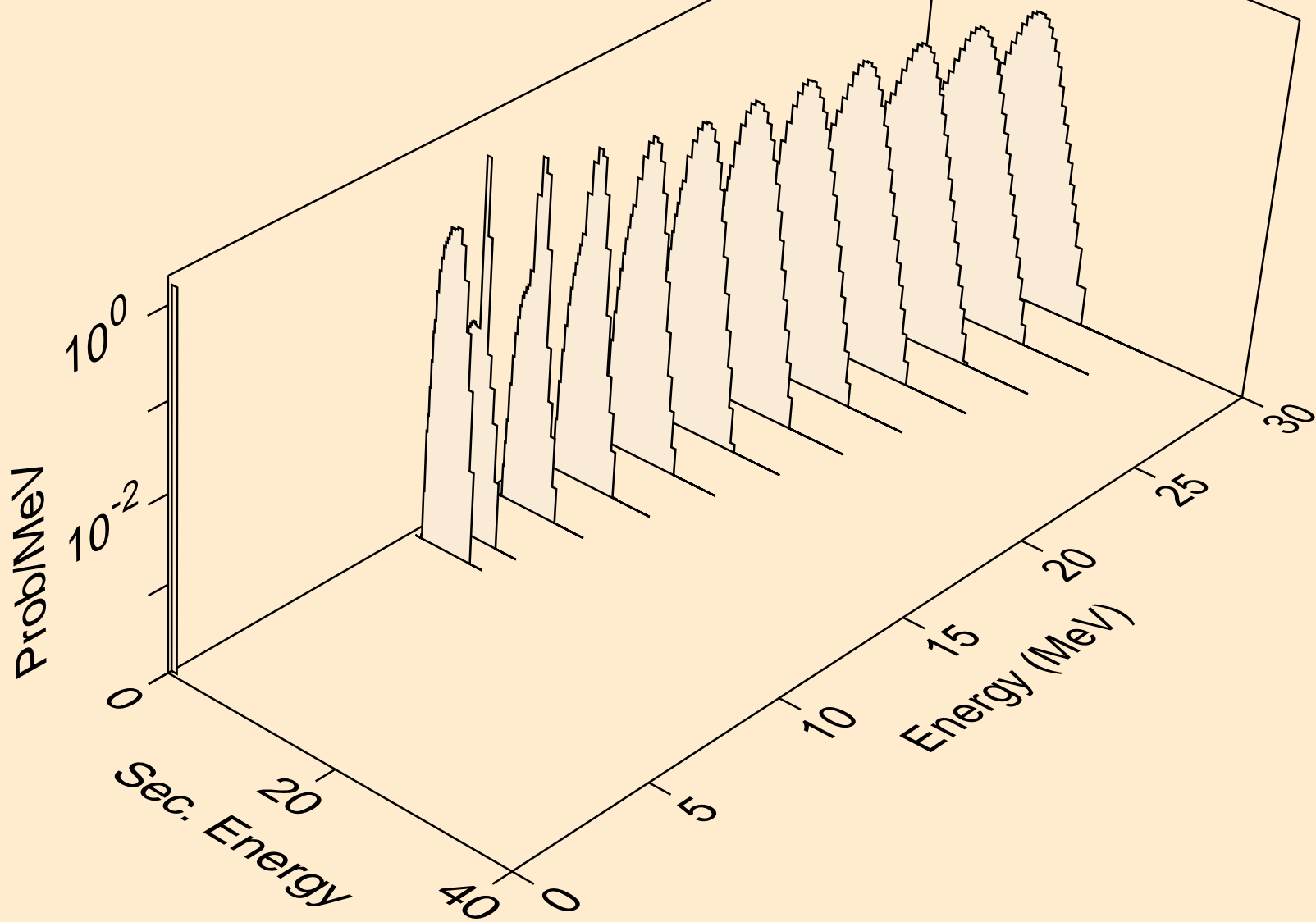
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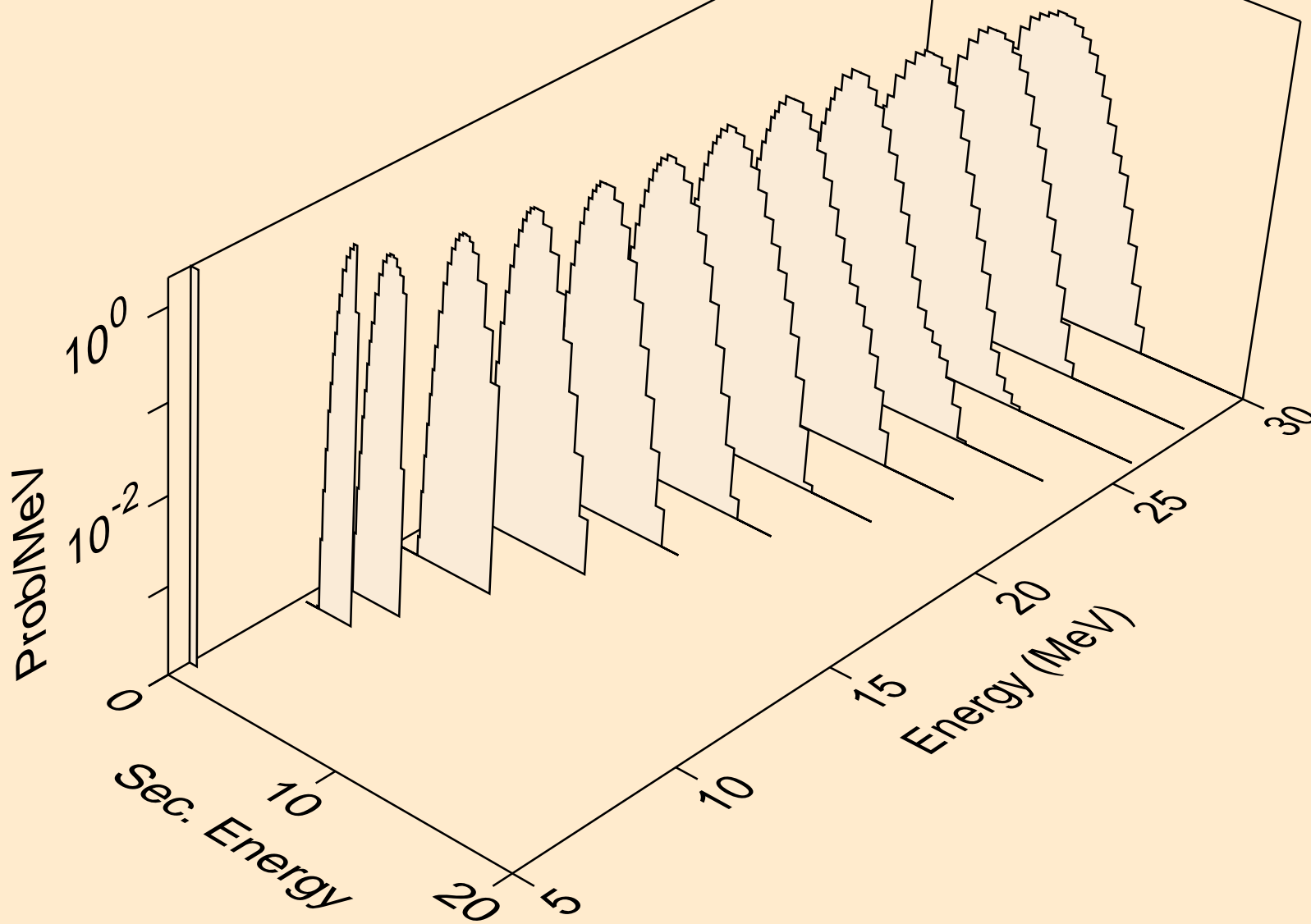
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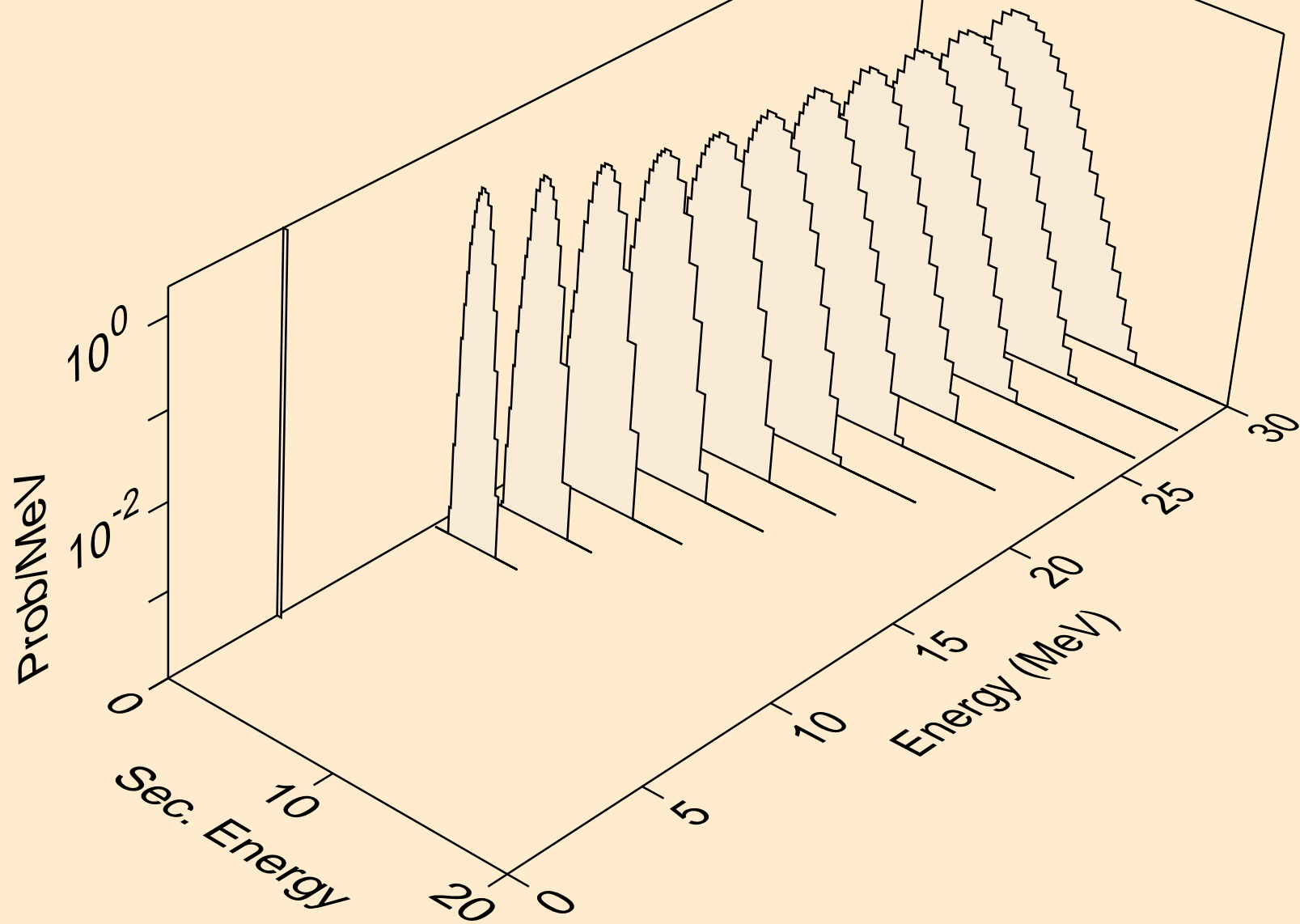
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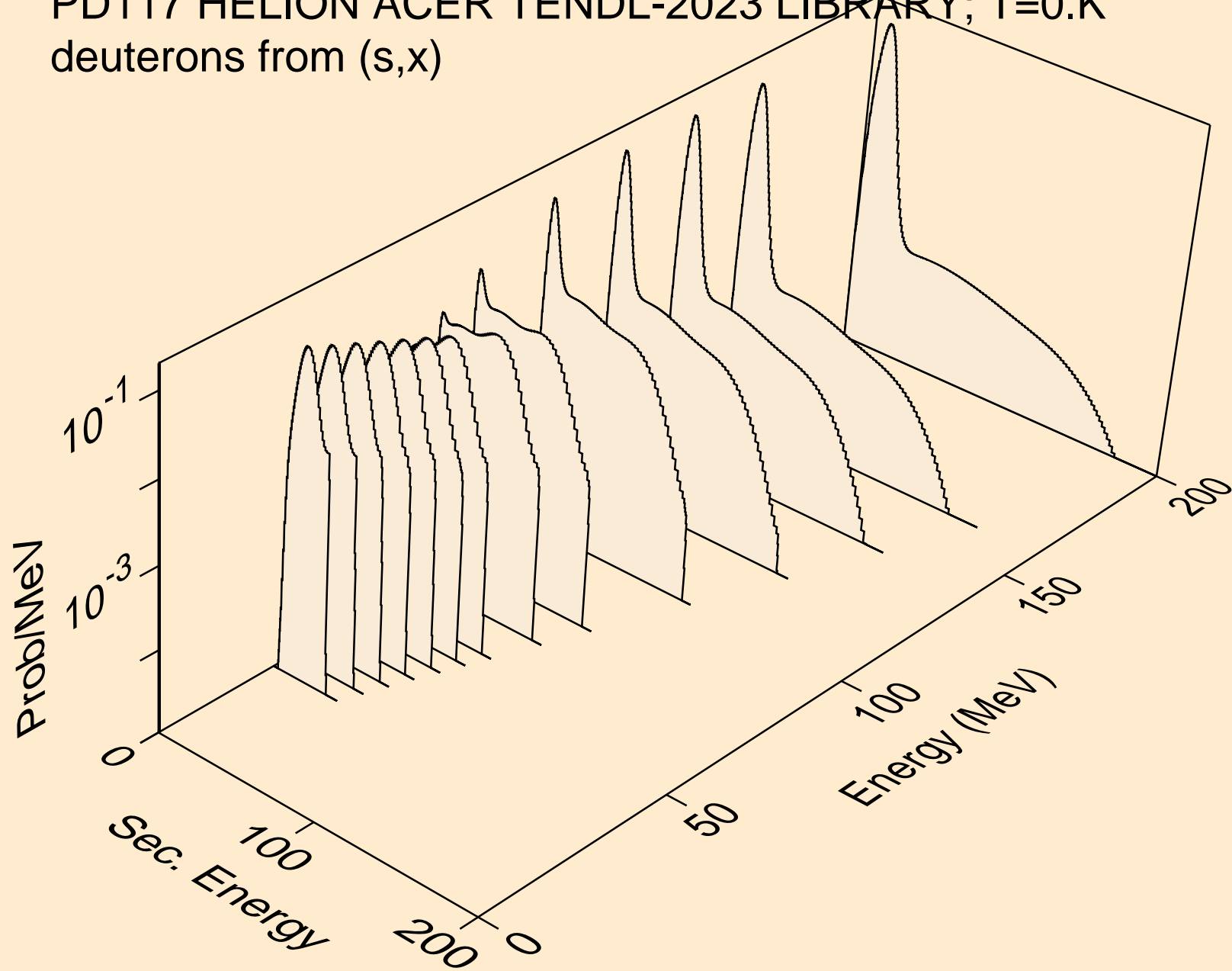
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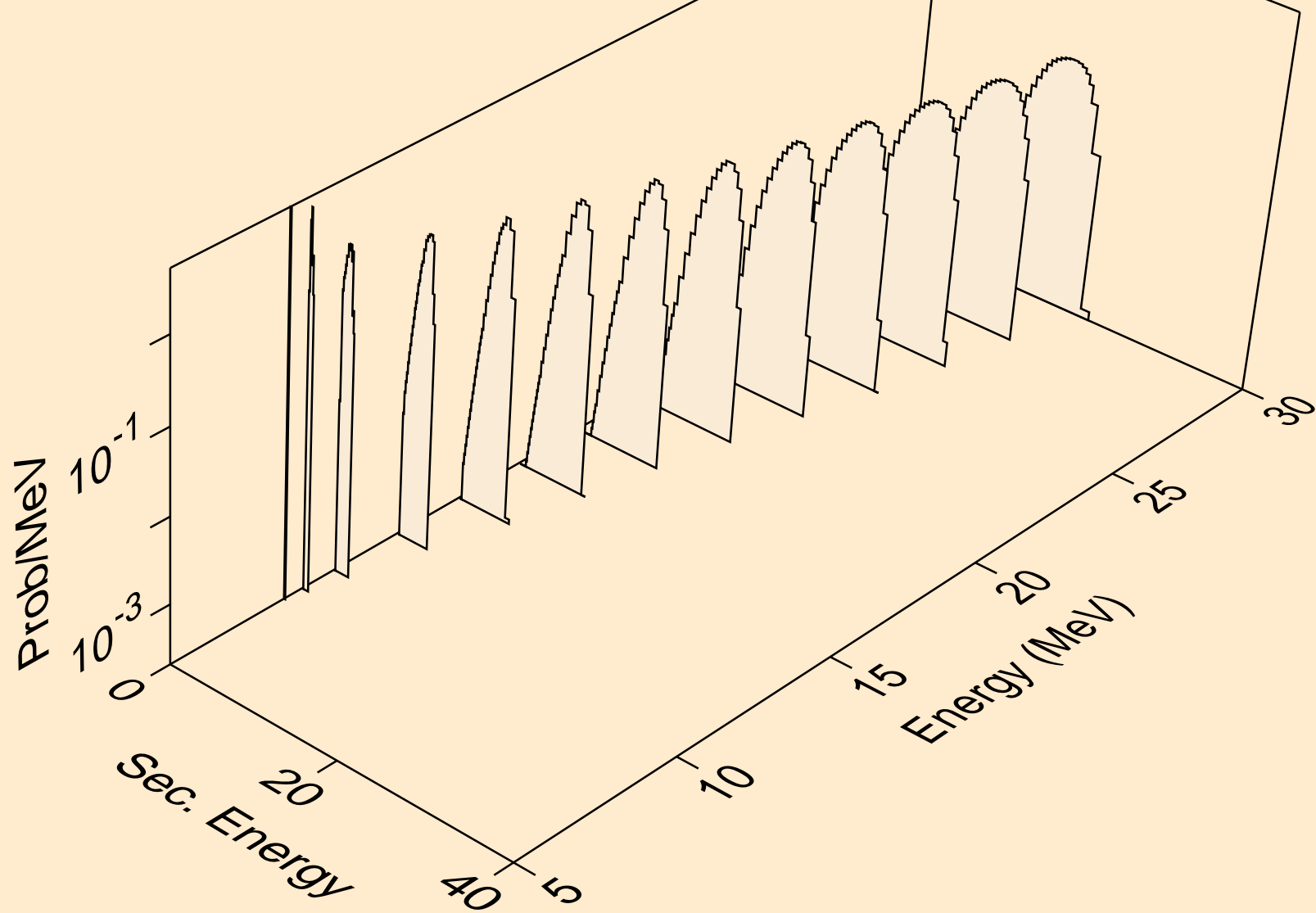
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protons from (s,pt)



PD117 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,x)

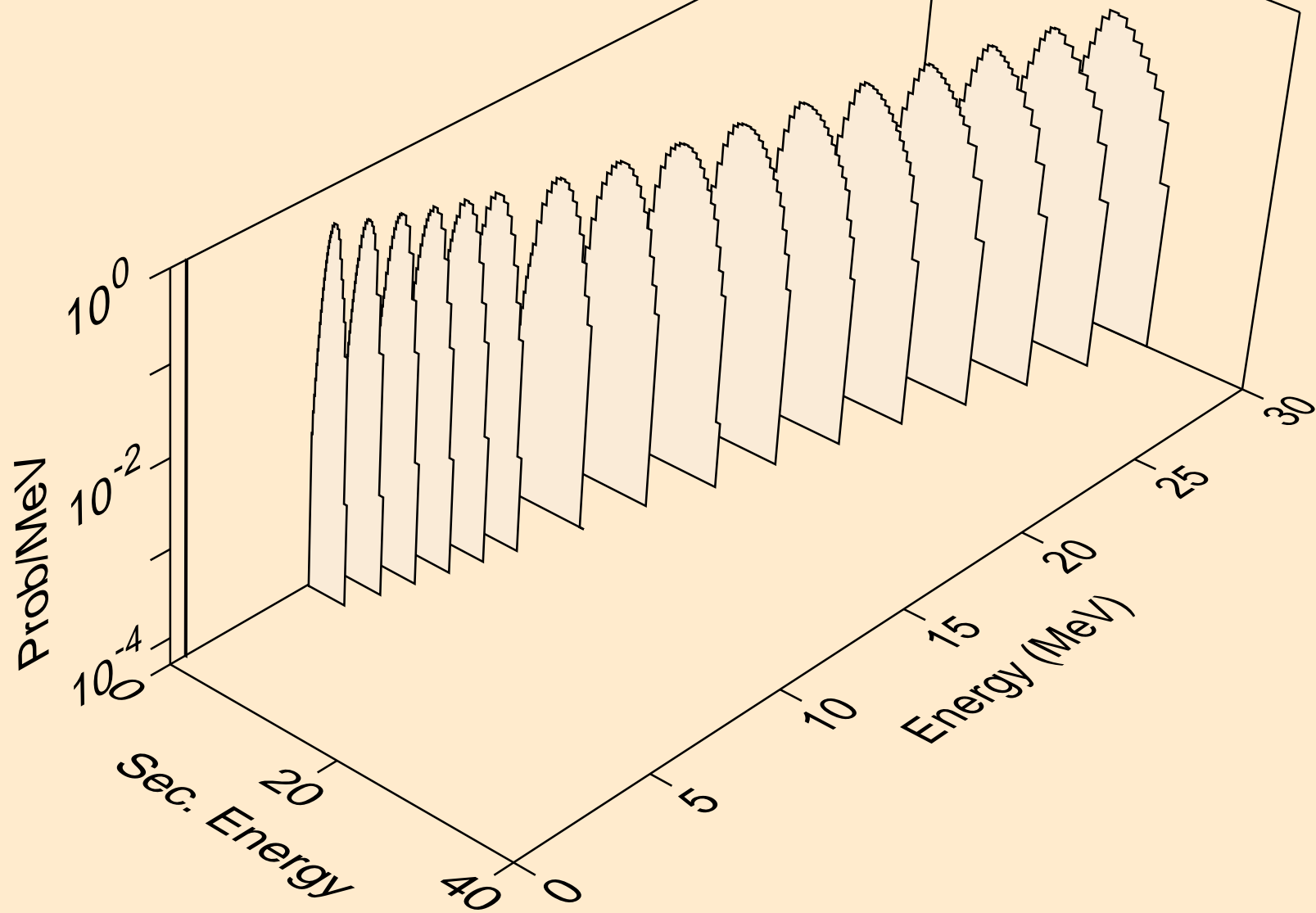


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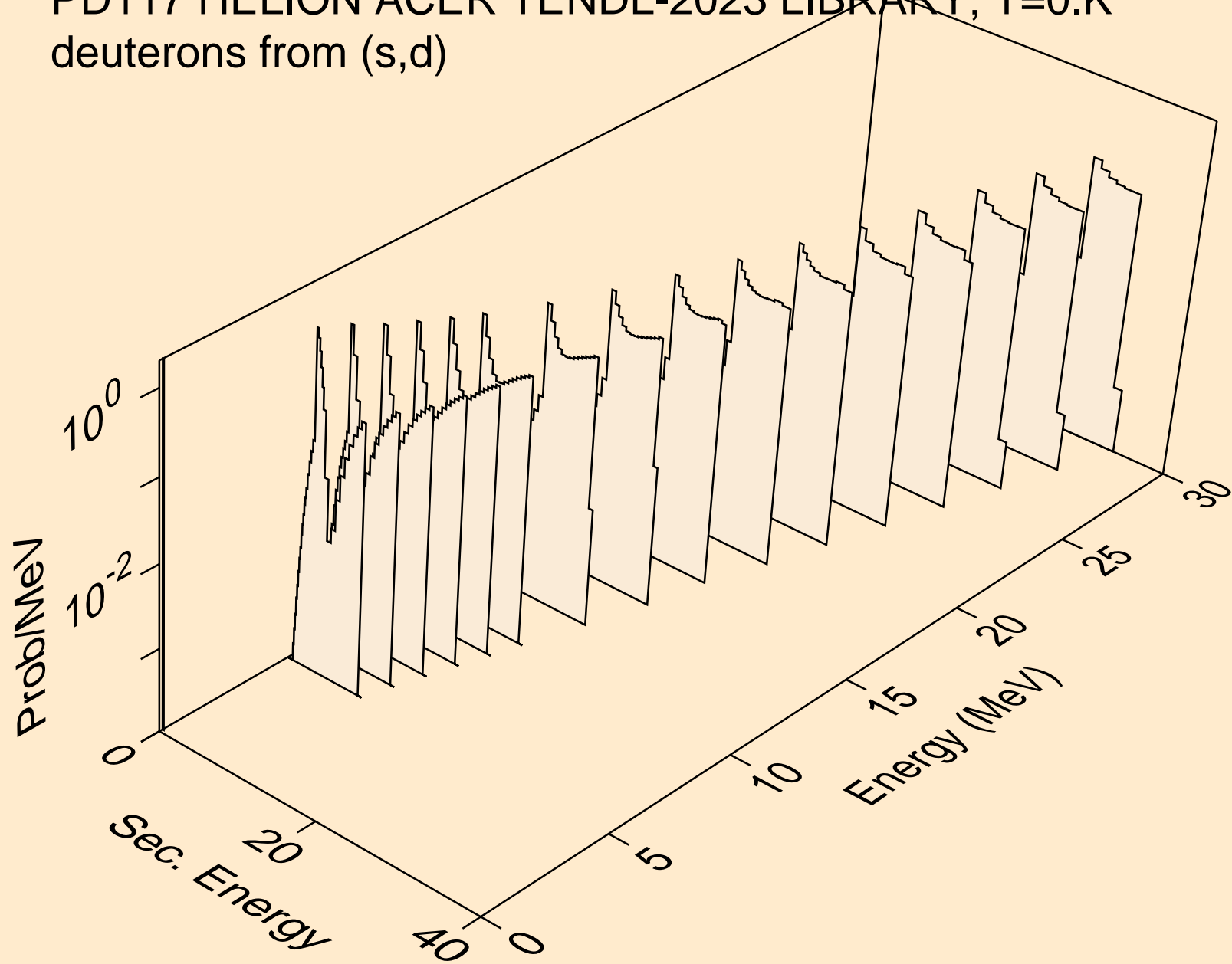




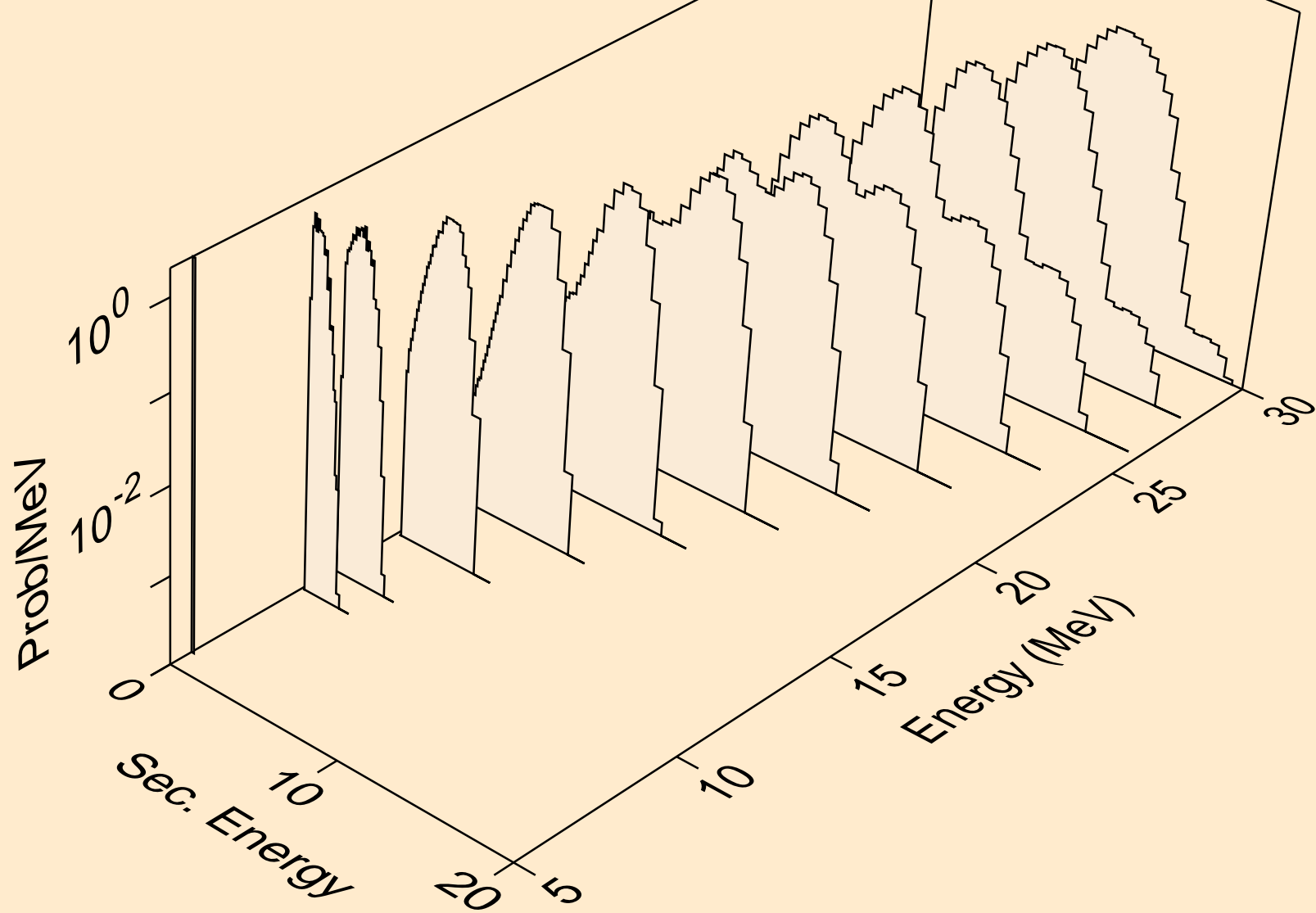
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deuterons from (s,n\*)d



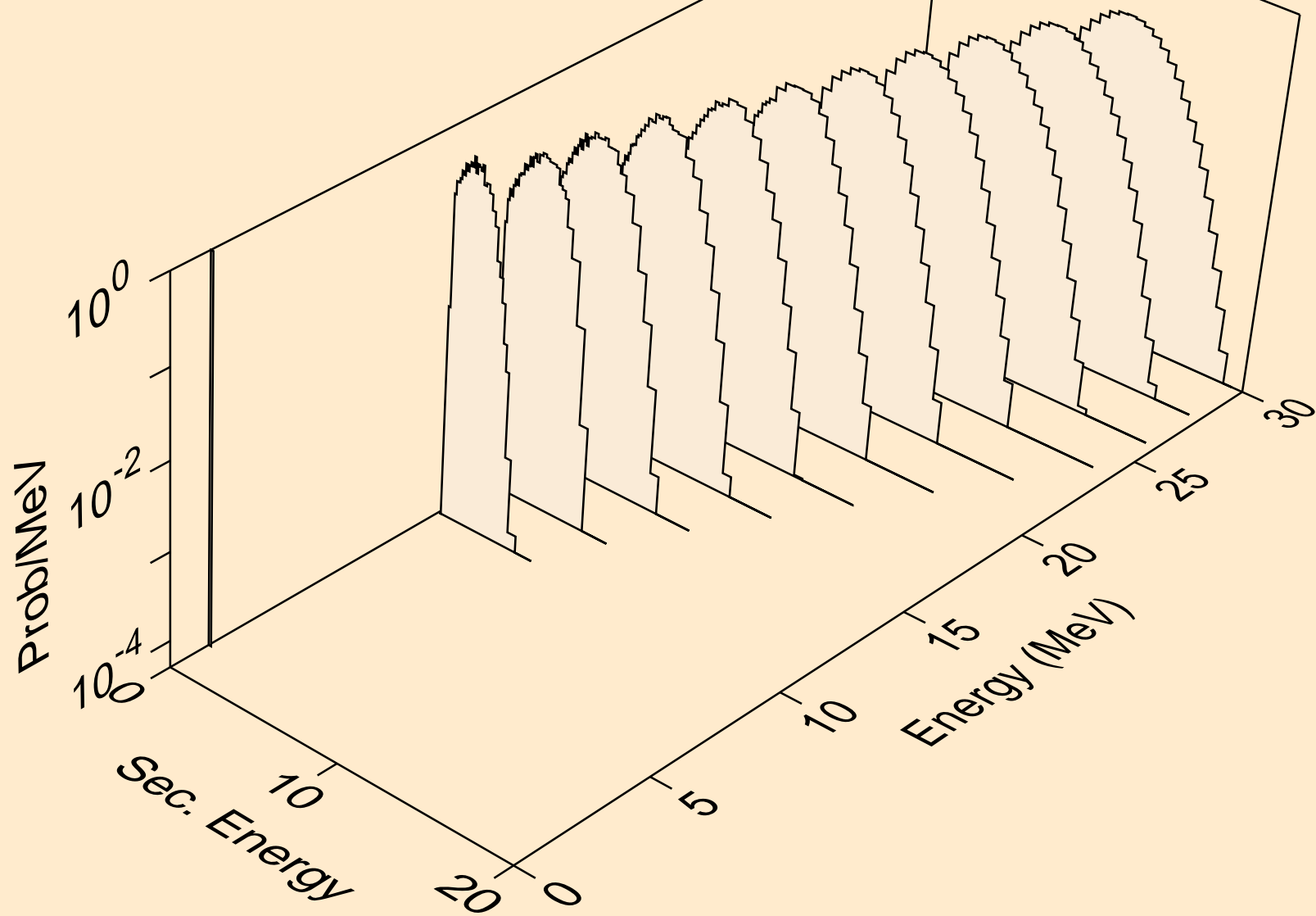
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deuterons from (s,d)



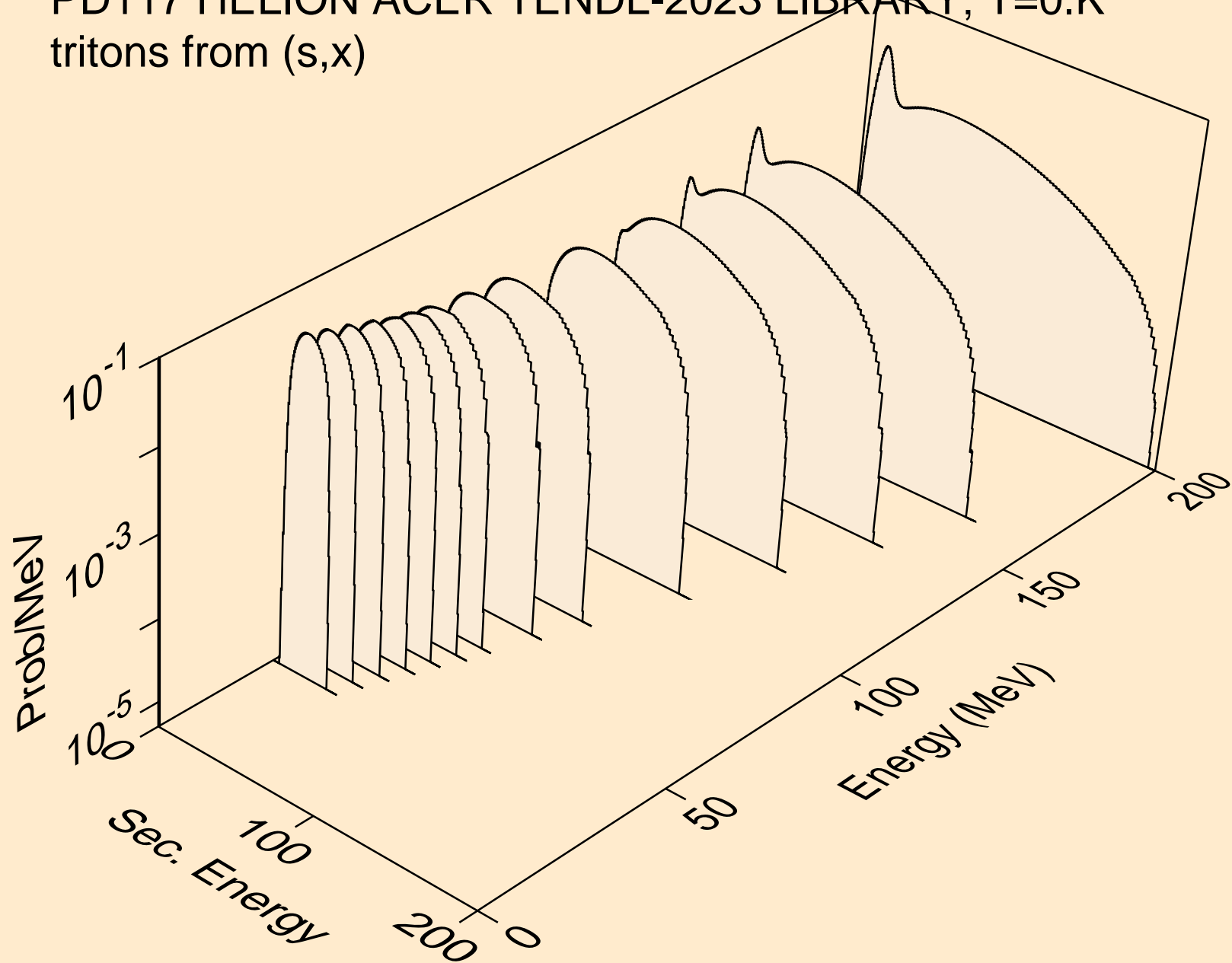
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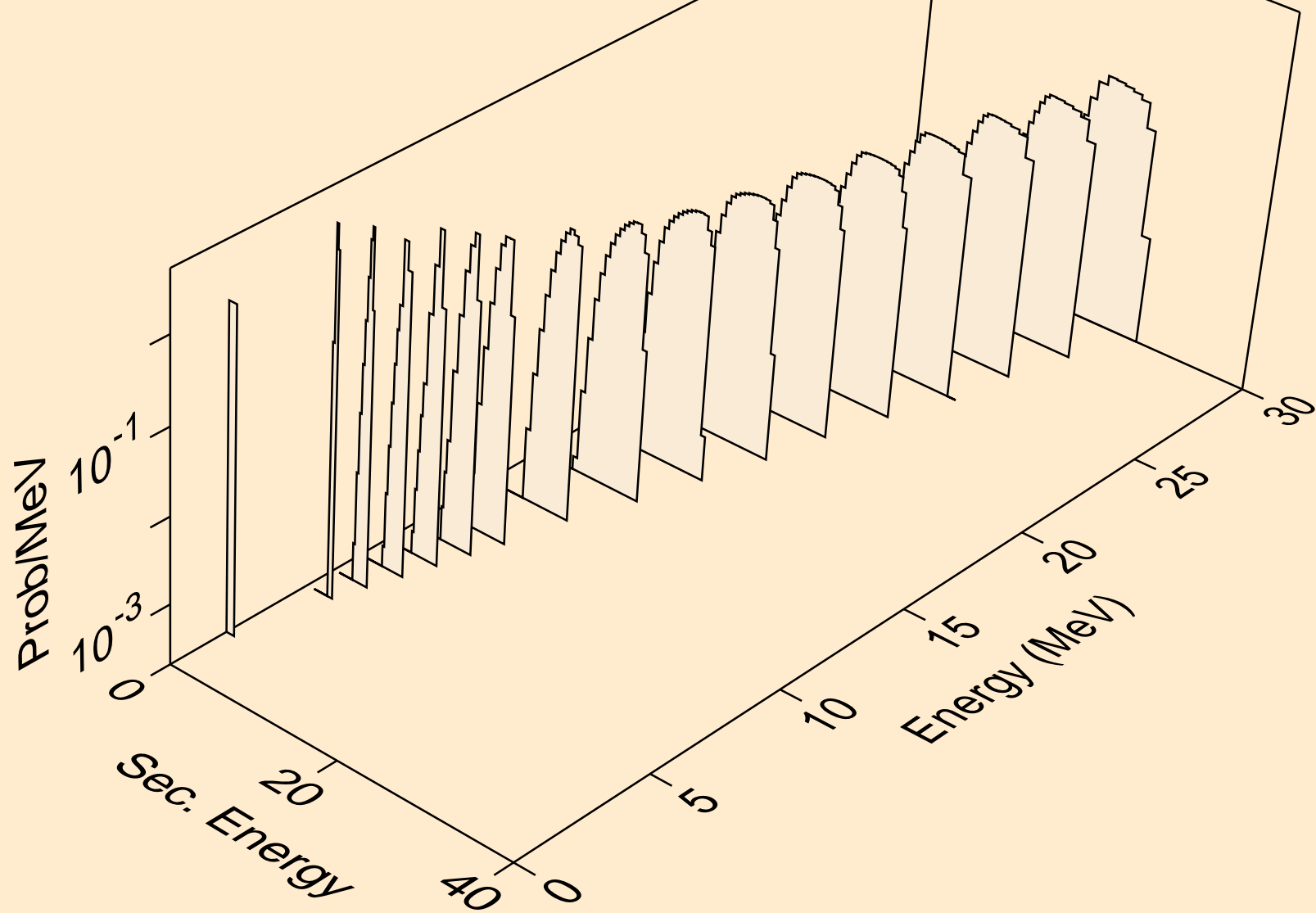
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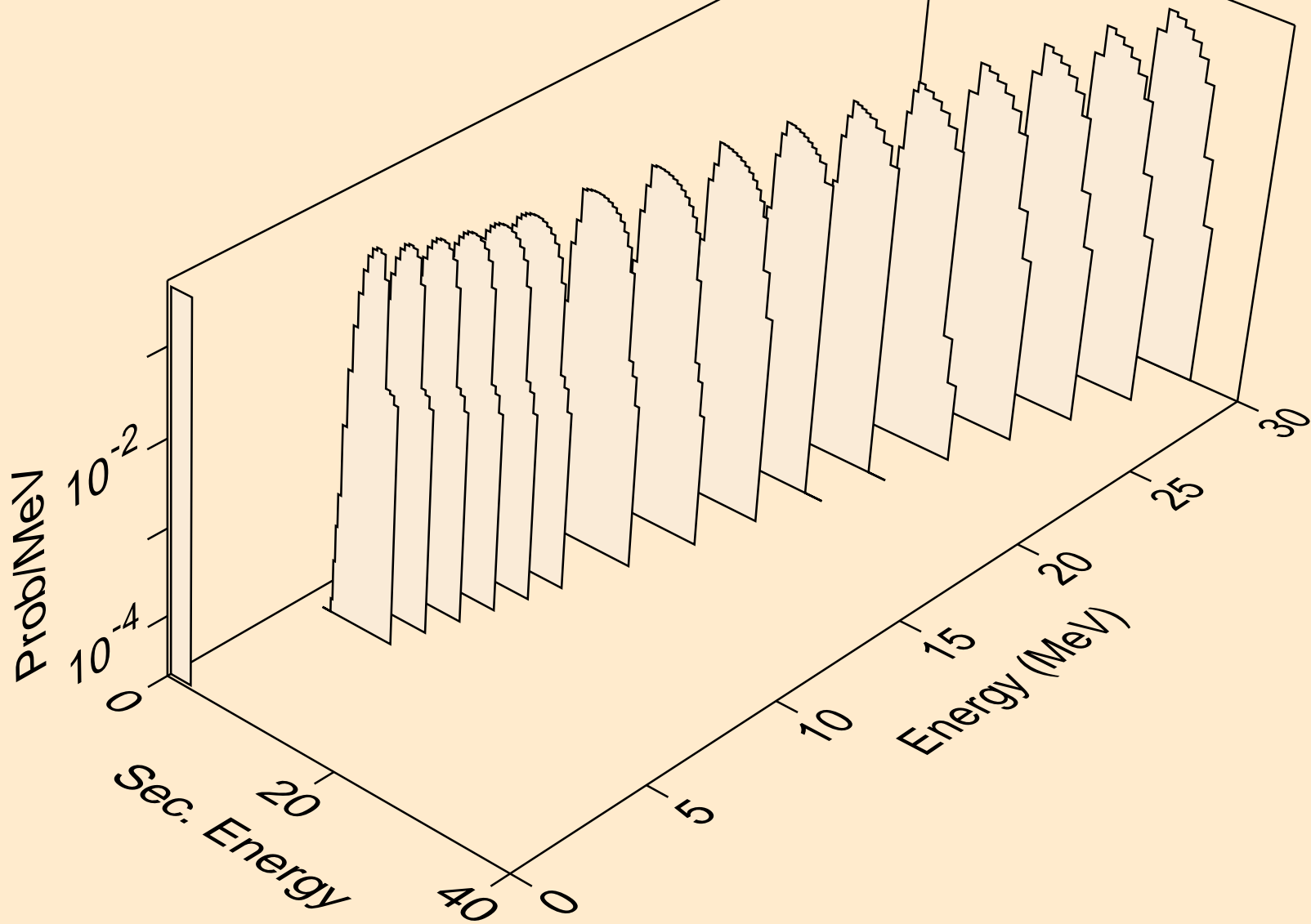
PD117 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,x)



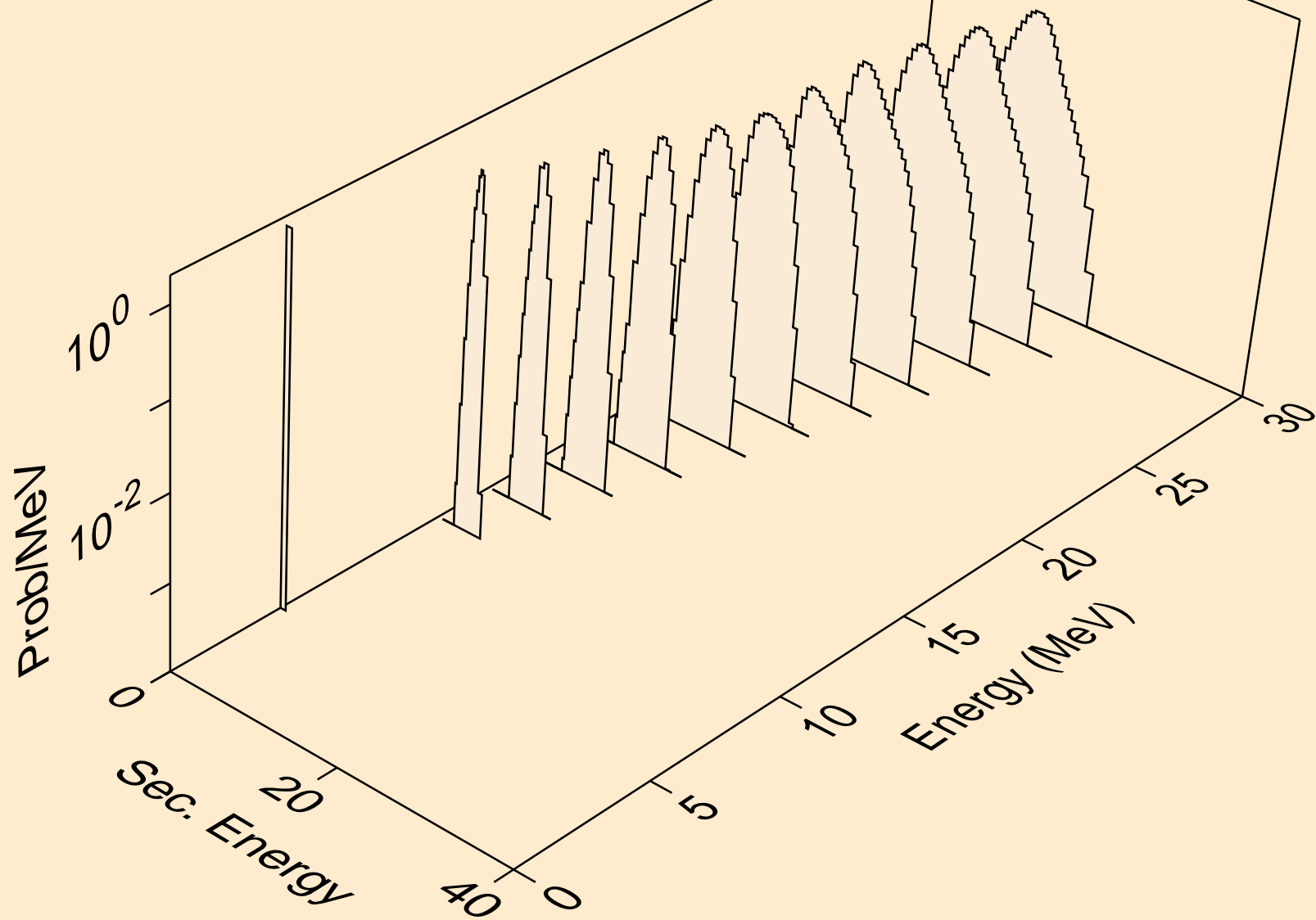
PD117 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,n\*)t



PD117 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,t)

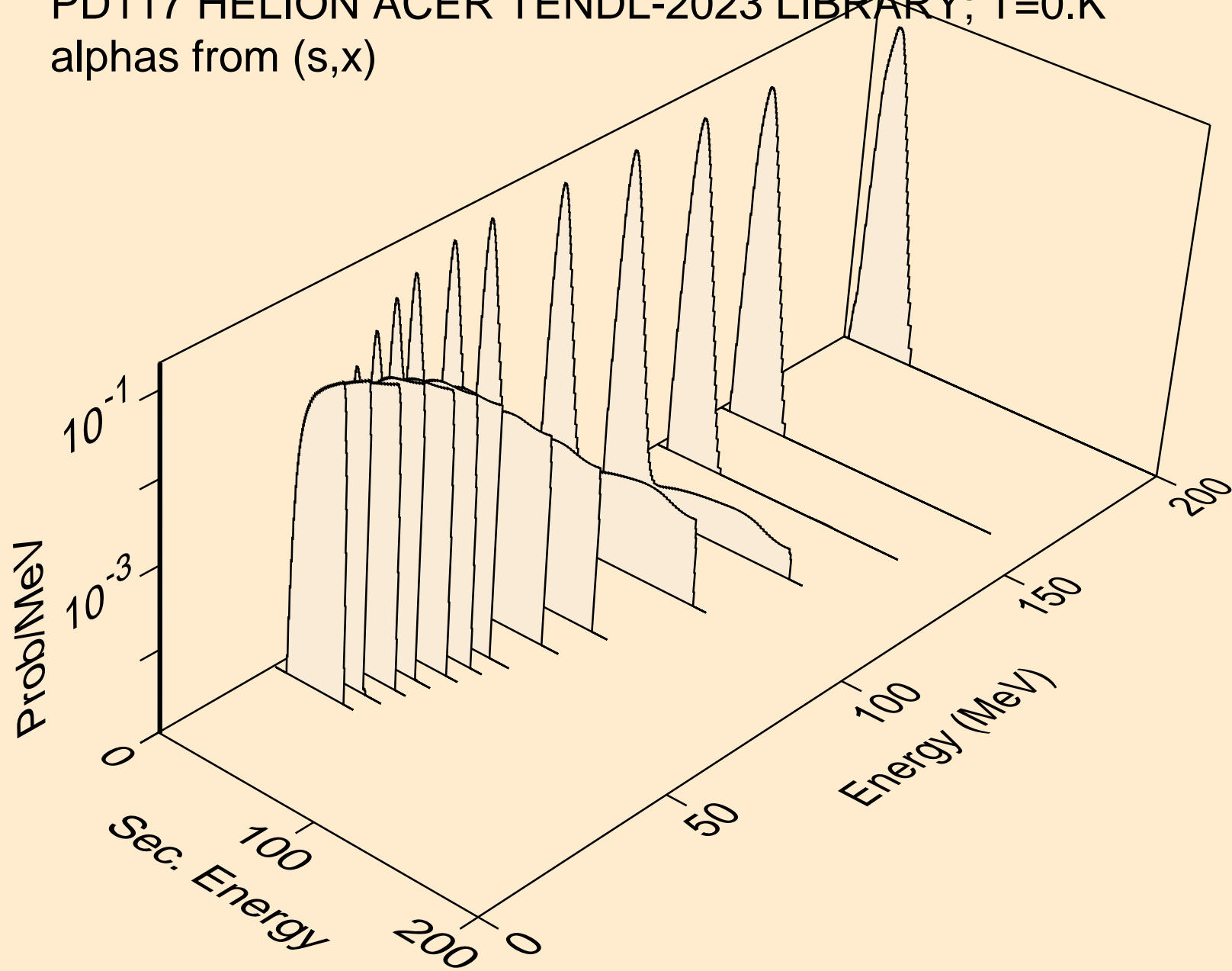


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tritons from (s,pt)

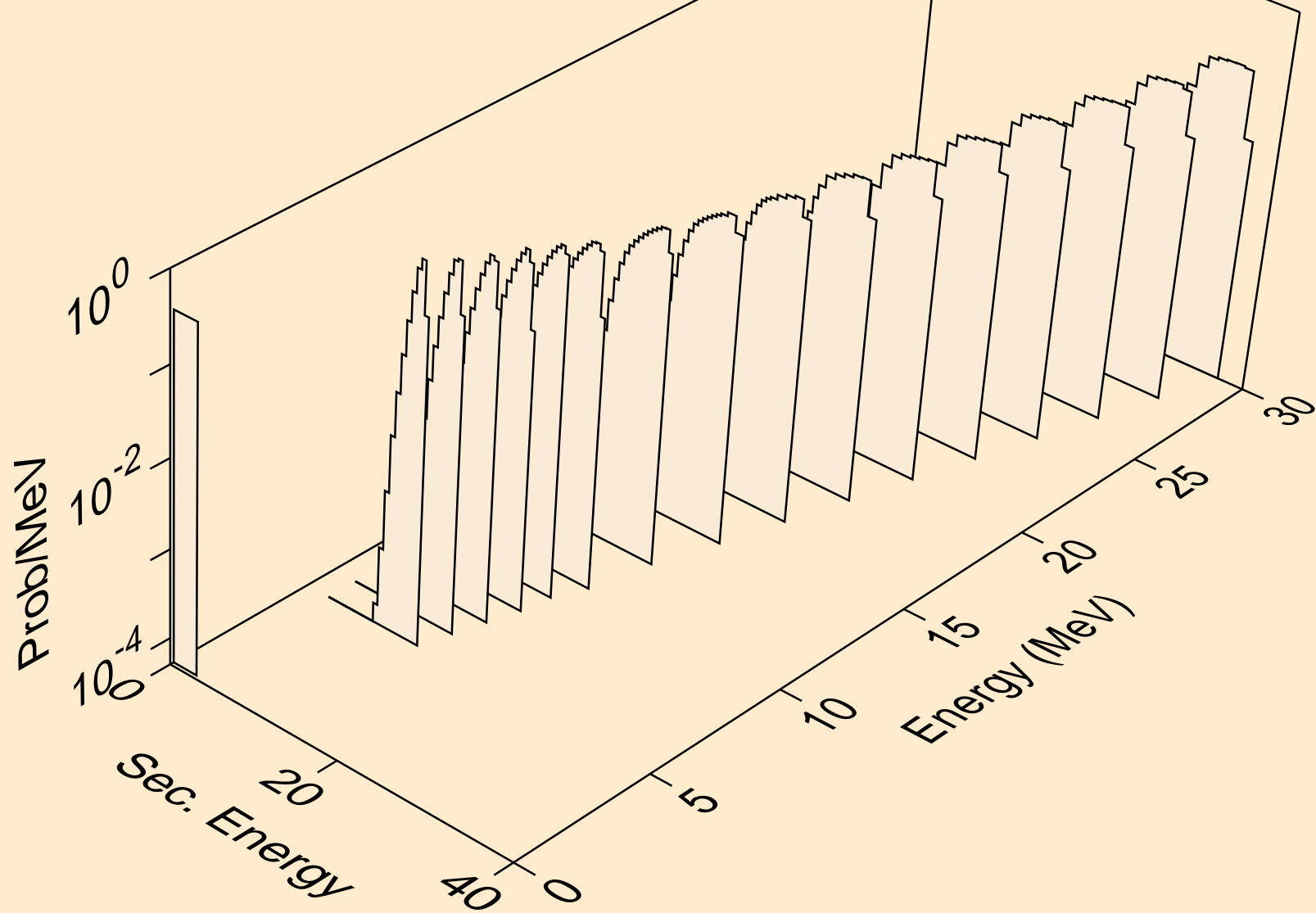




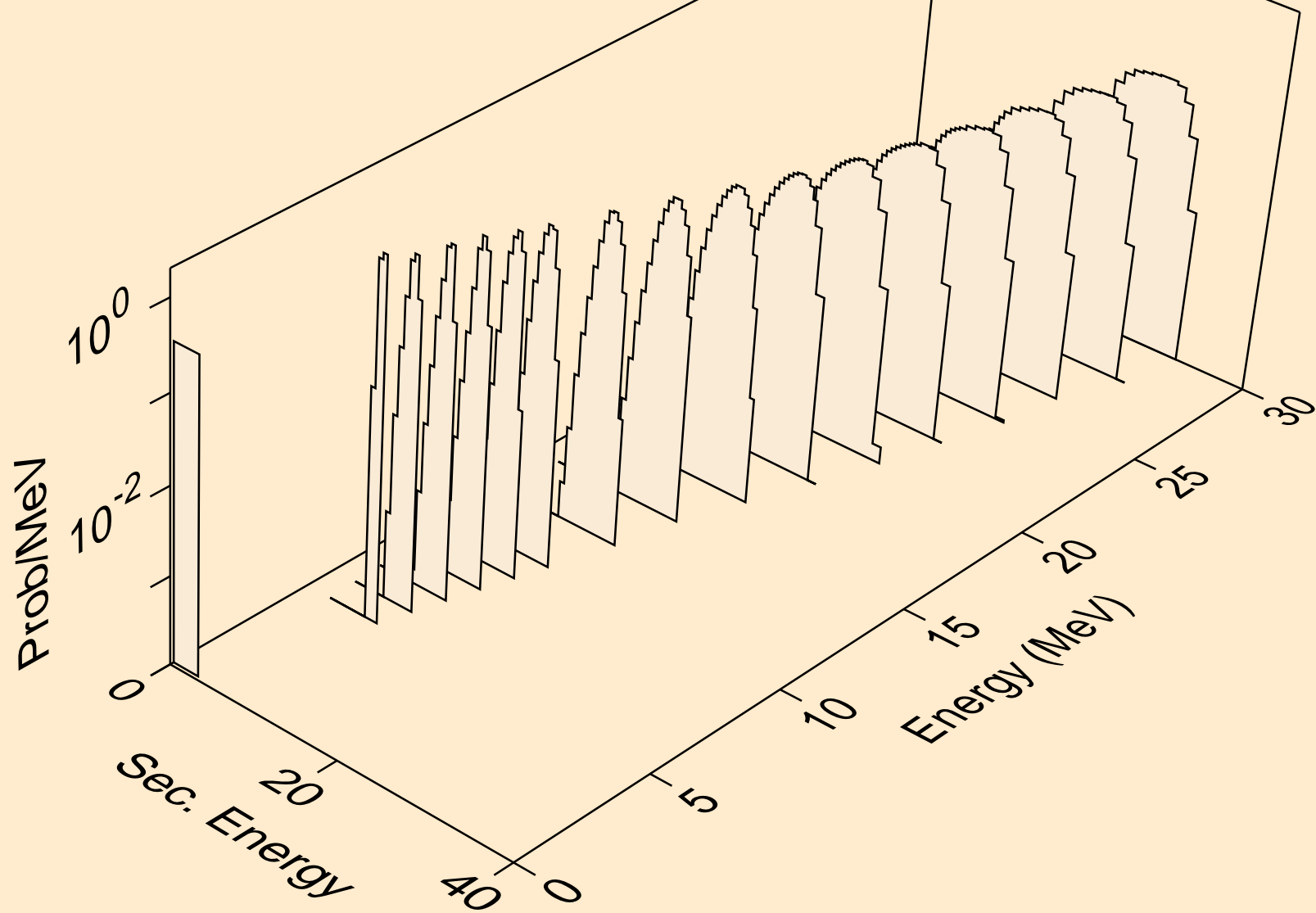
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alphas from (s,x)



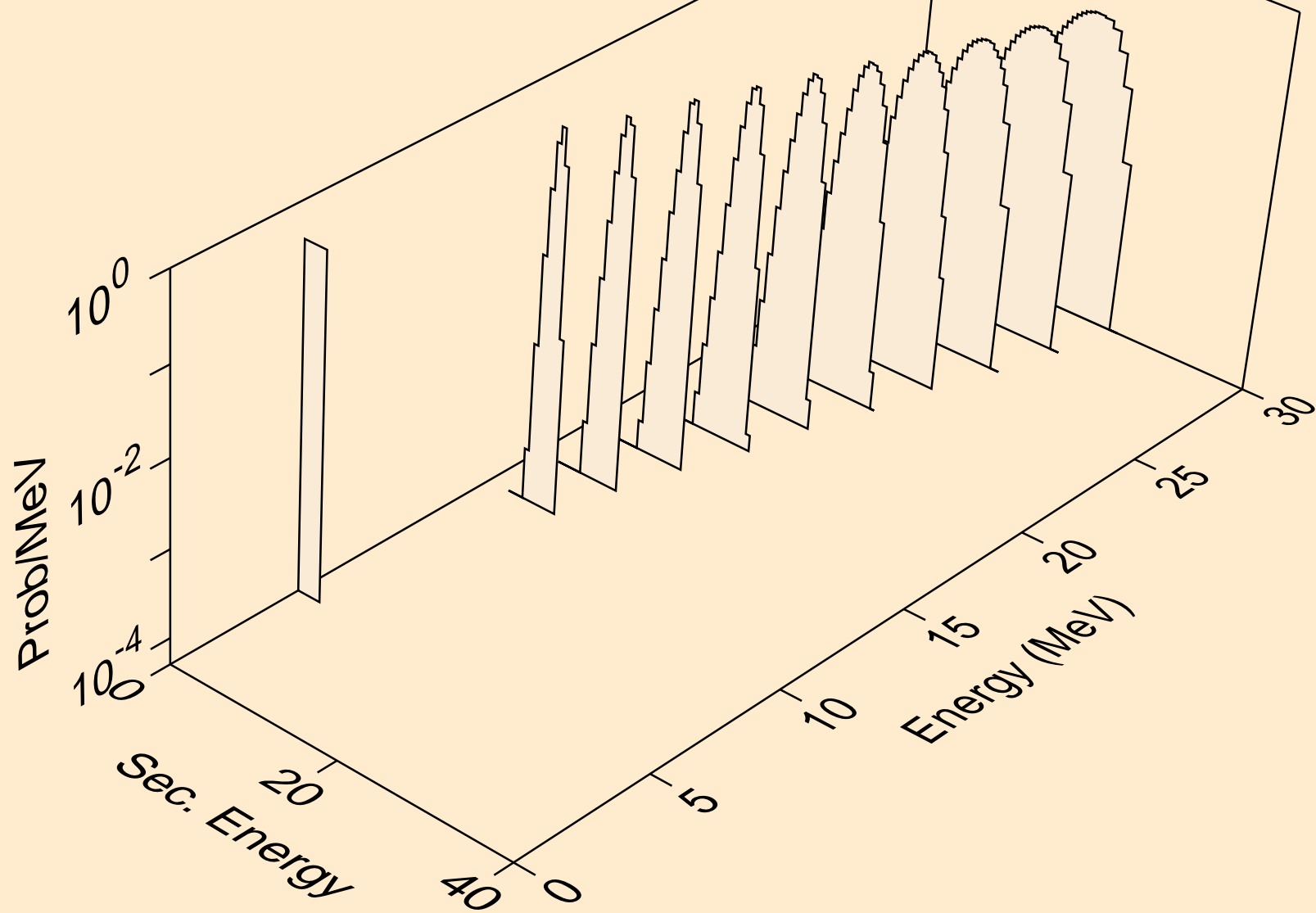
PD117 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)a



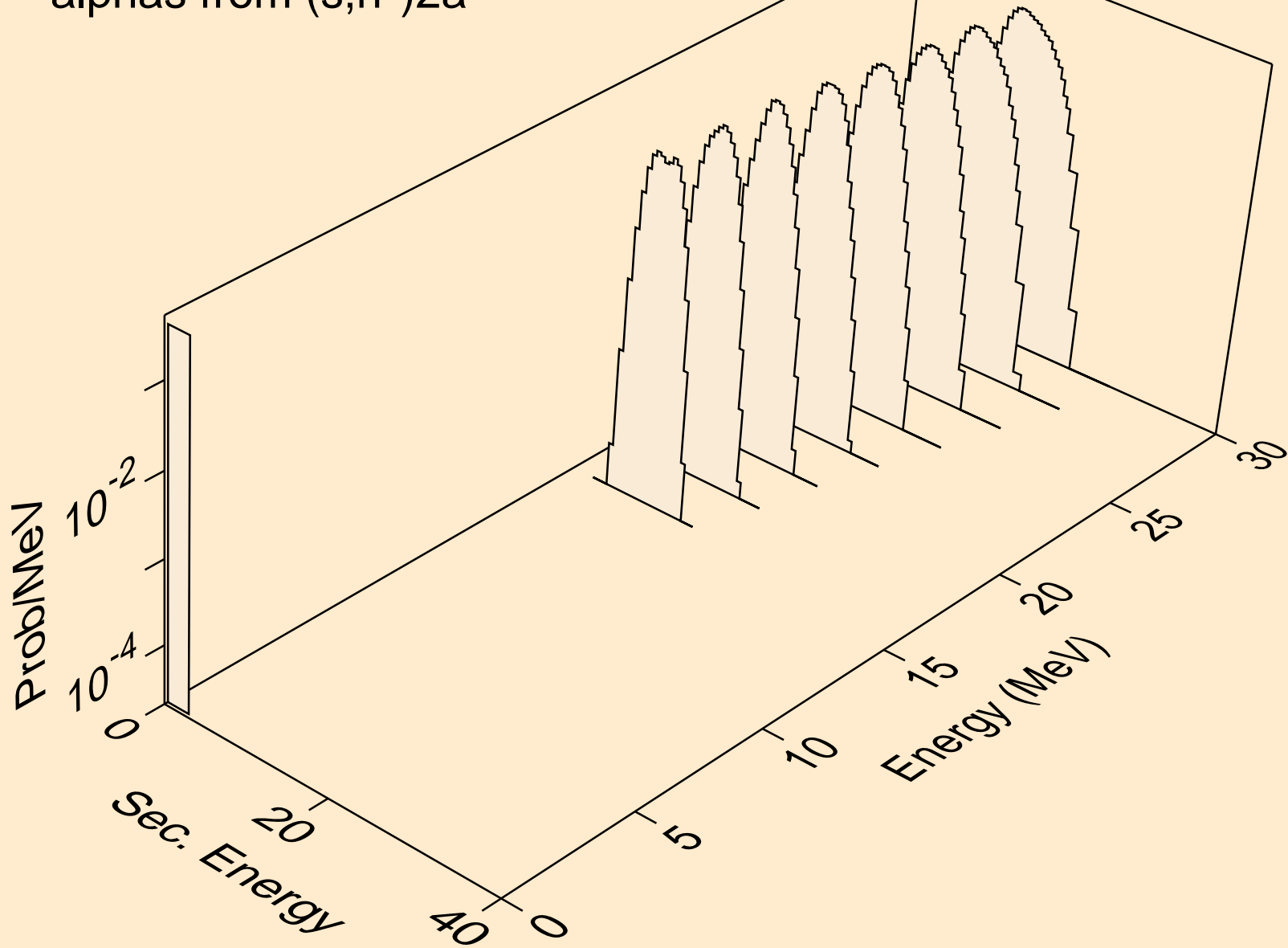
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alphas from (s,2n)a



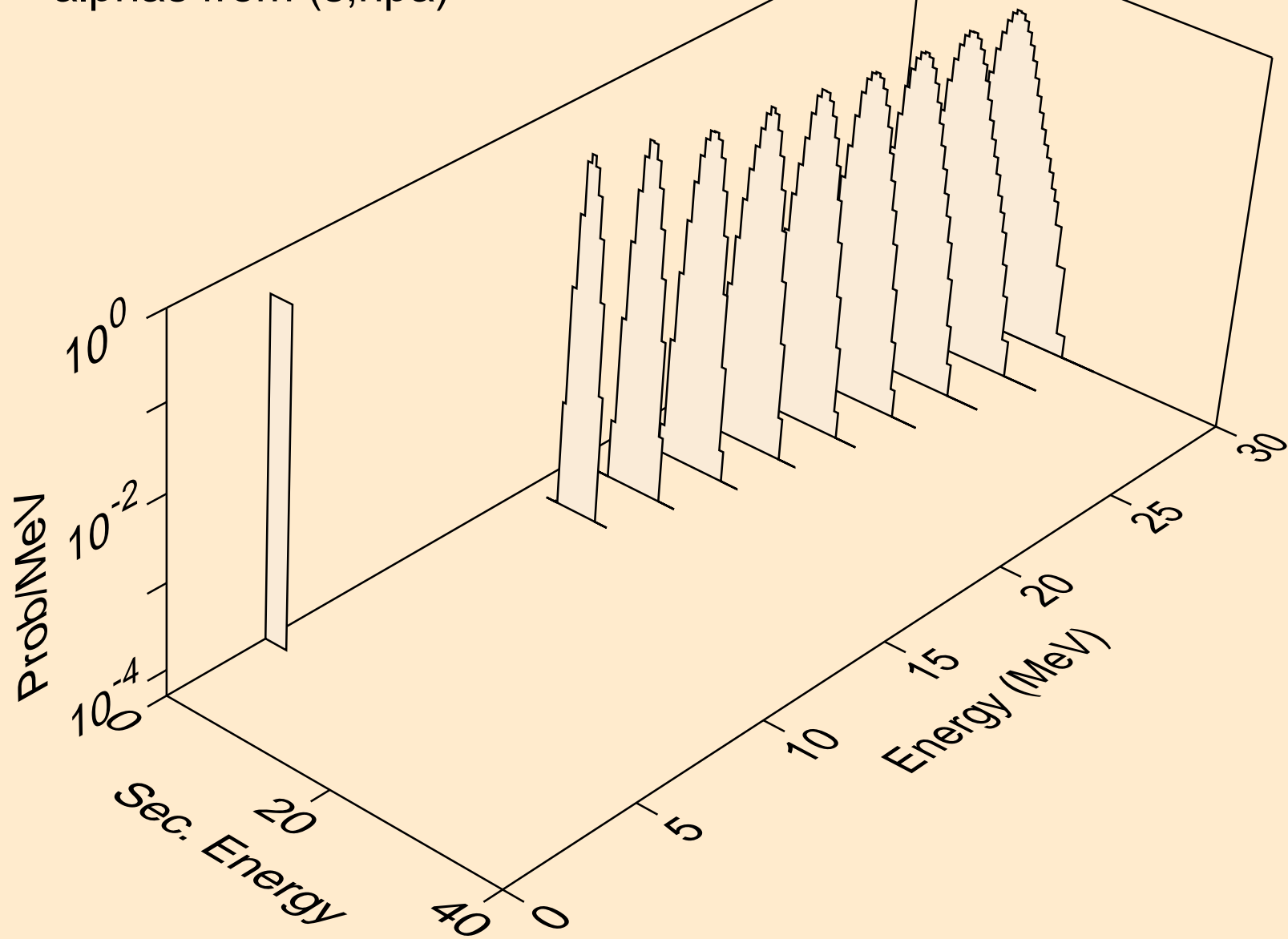
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alphas from (s,3n)a



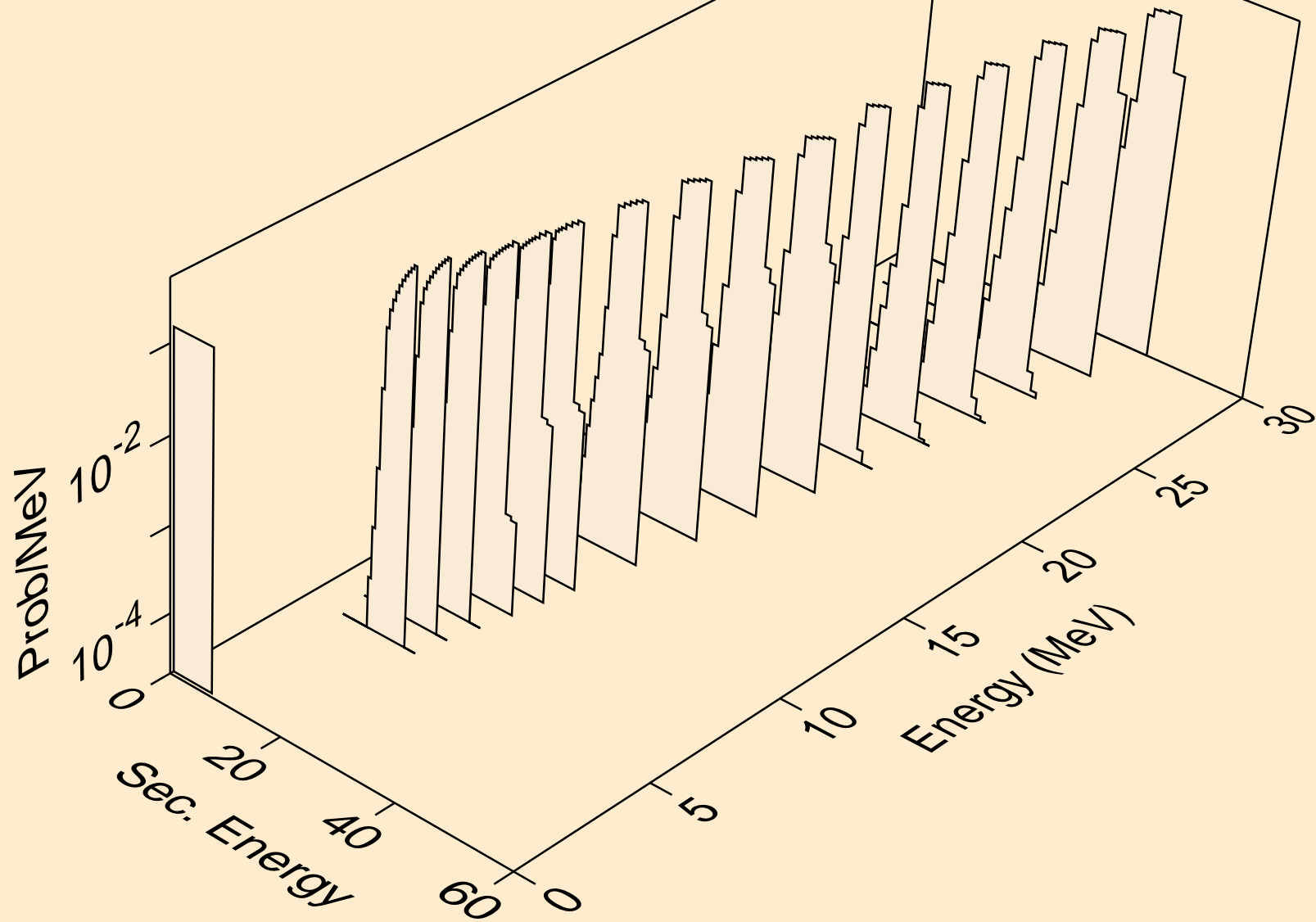
PD117 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)2a



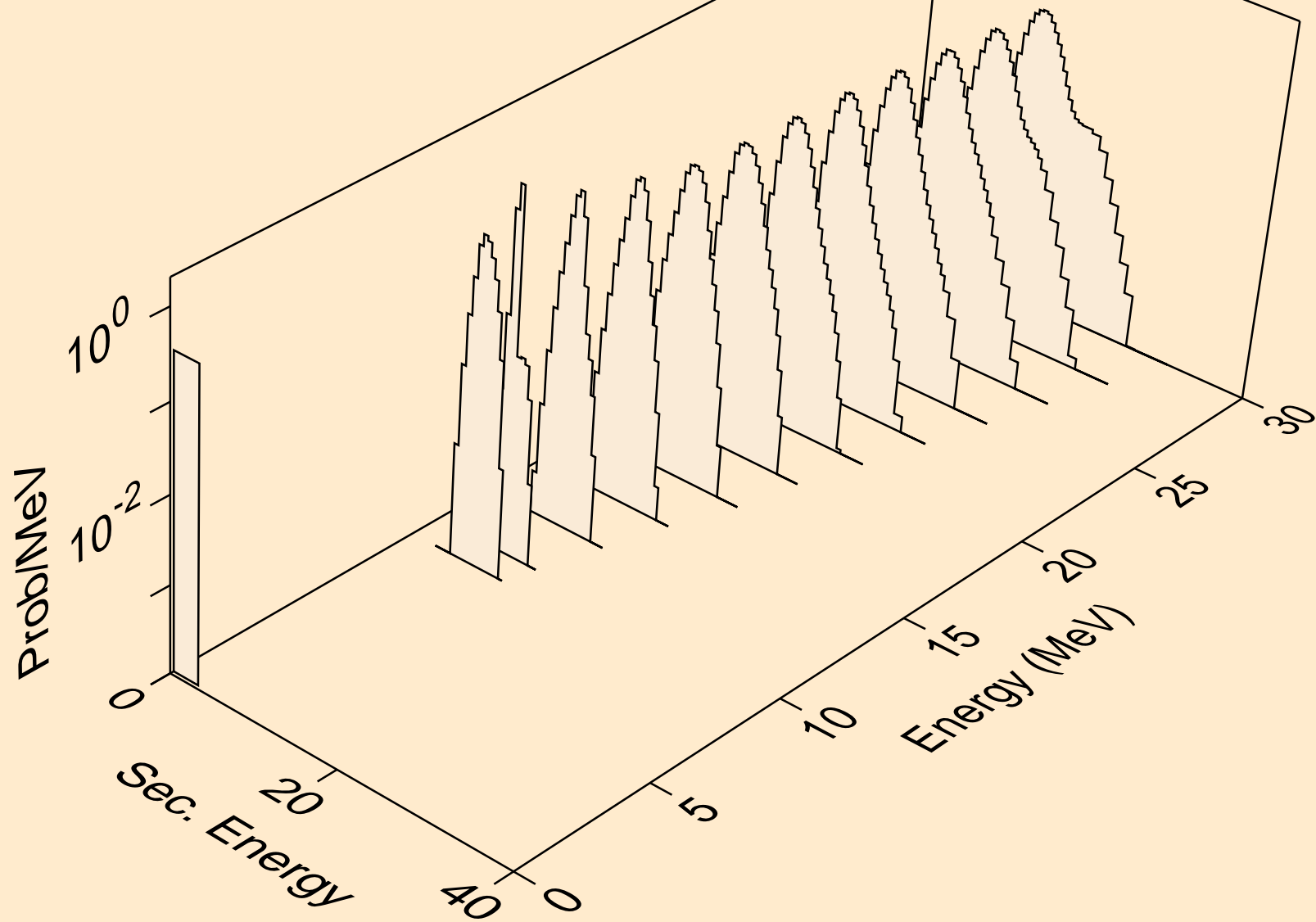
PD117 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,npa)



PD117 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,a)



PD117 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,pa)





PD117 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,da)

