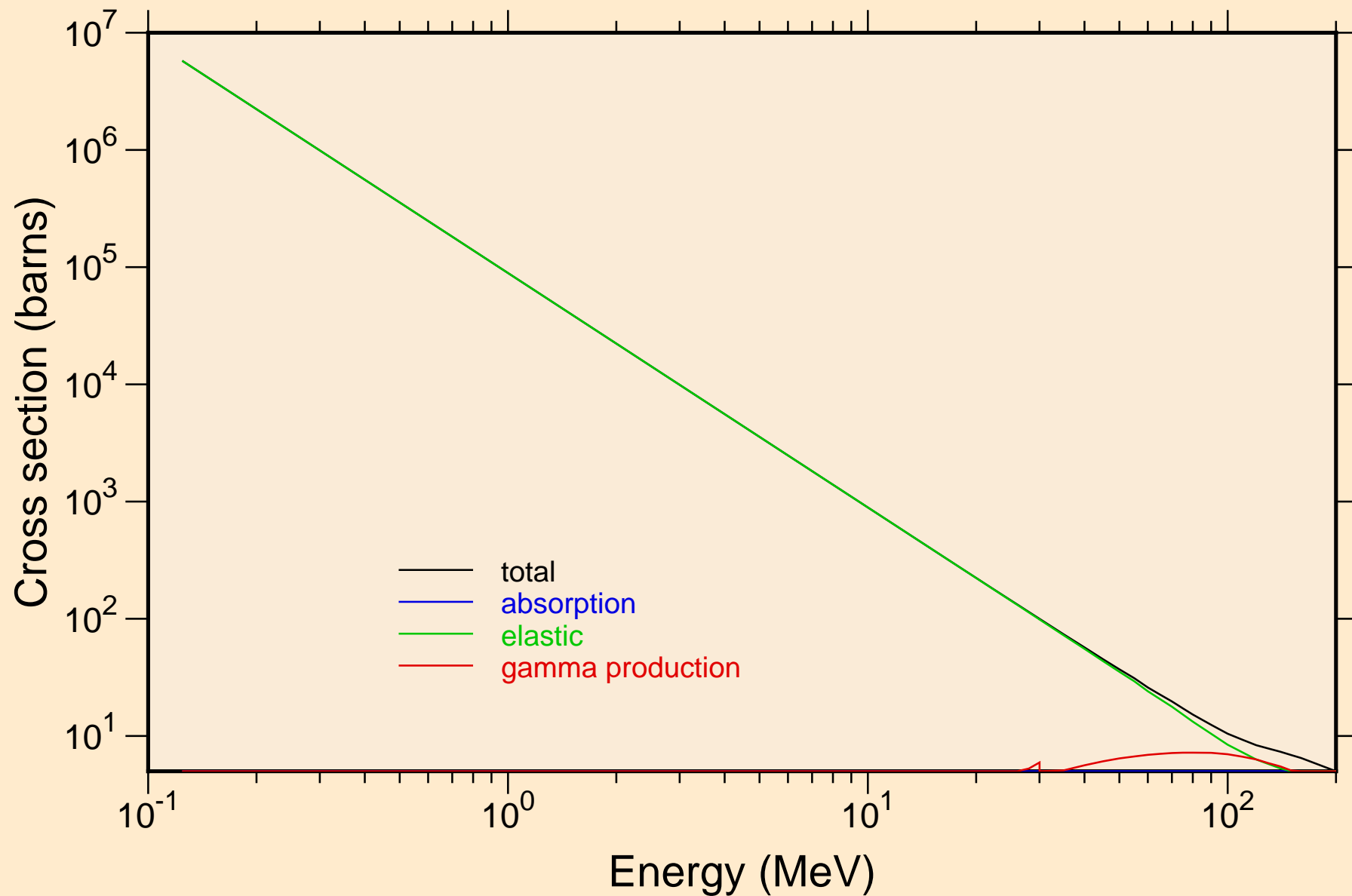
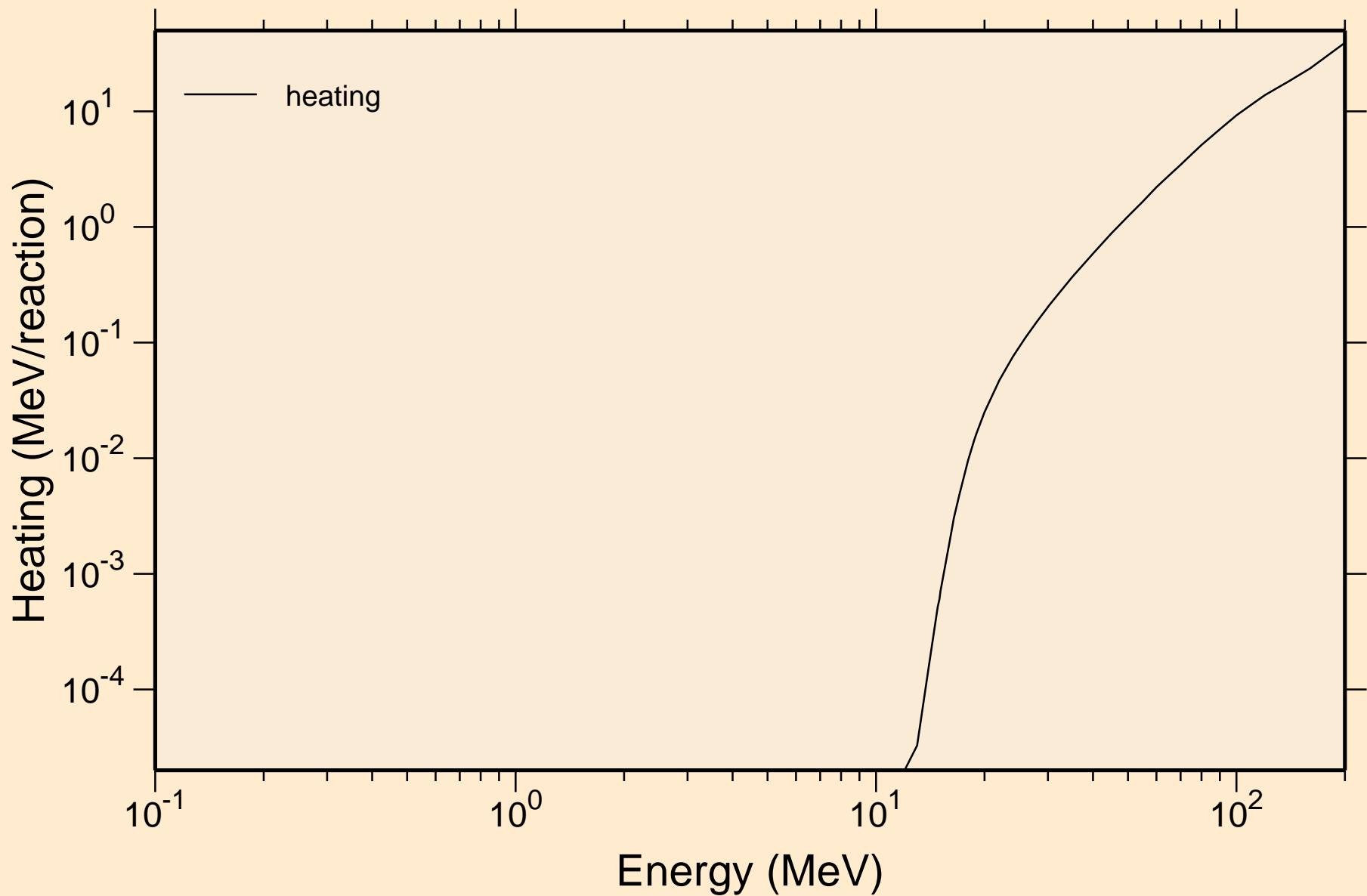


# PR141 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

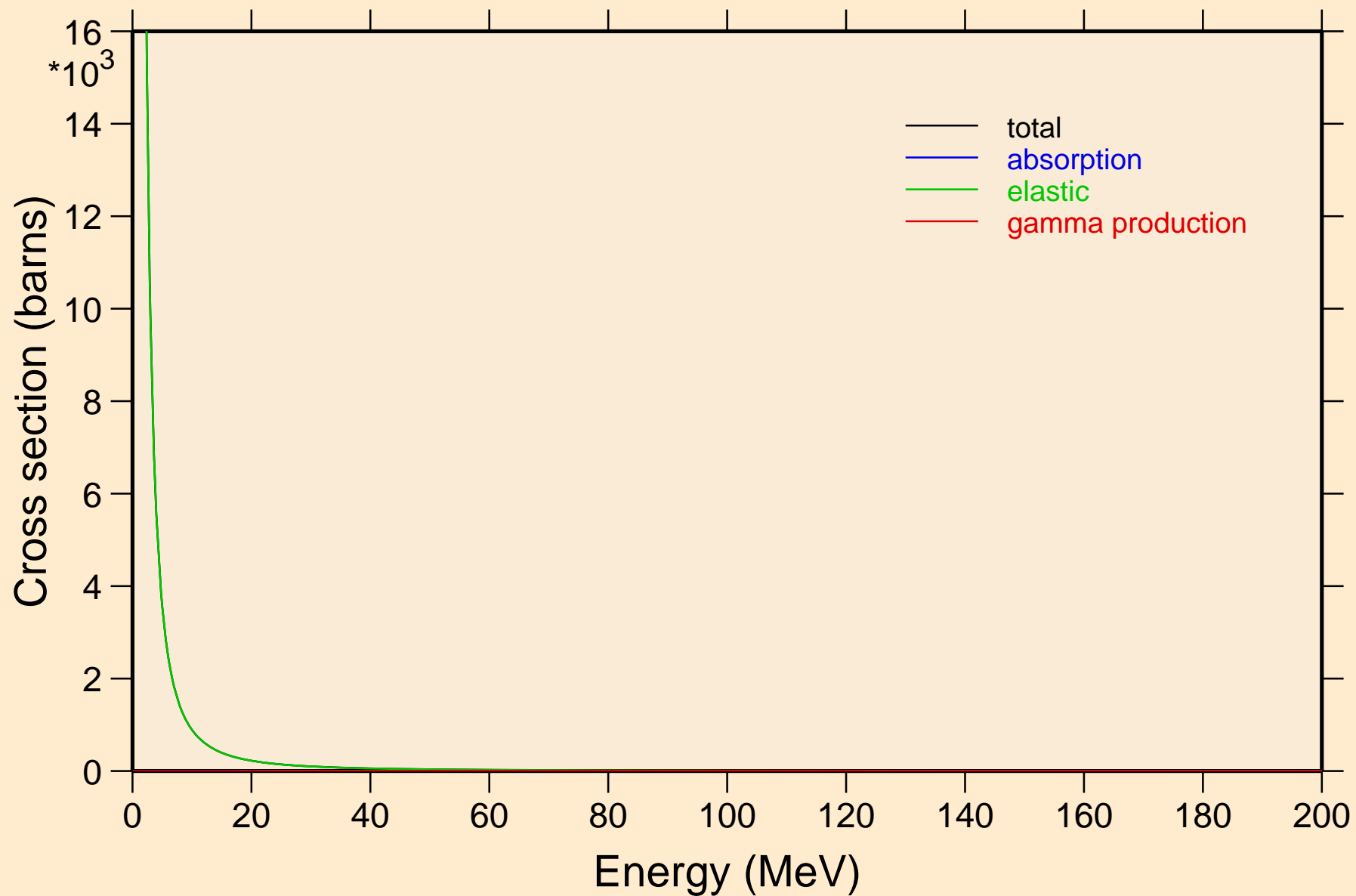


PR141 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Heating



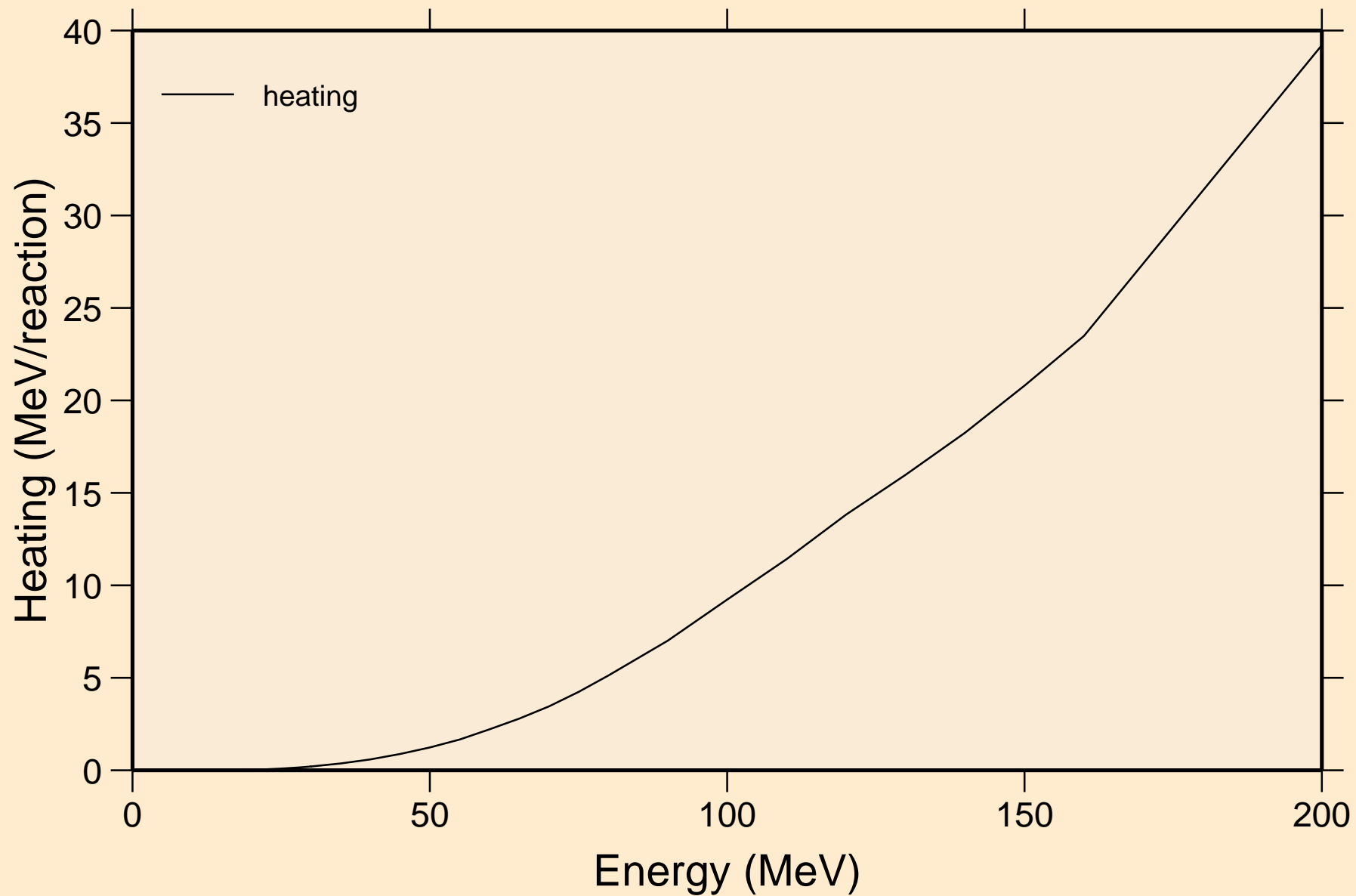
PR141 HELION ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections

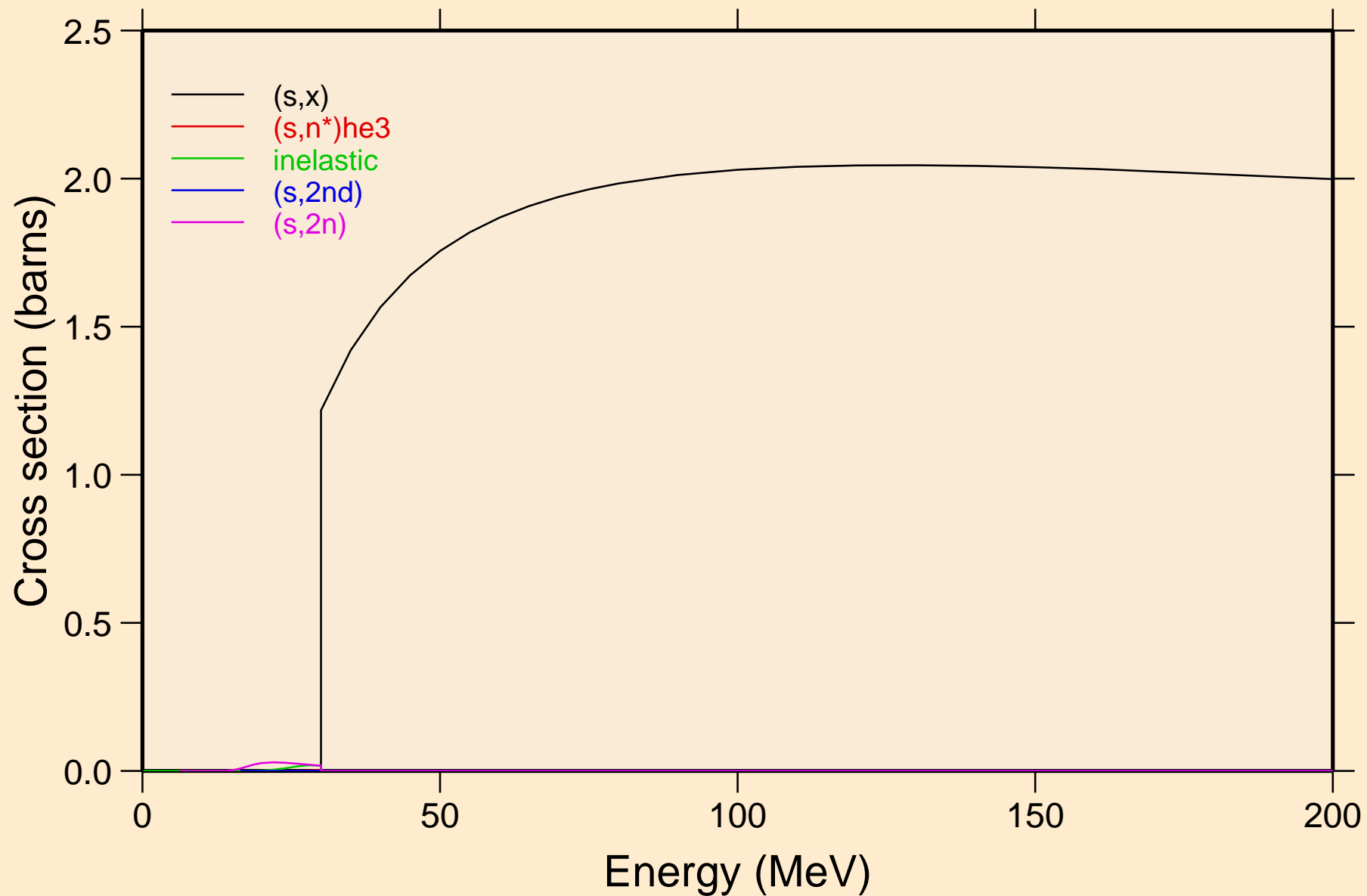


PR141 HELION ACER TENDL-2023 LIBRARY; T=0.K

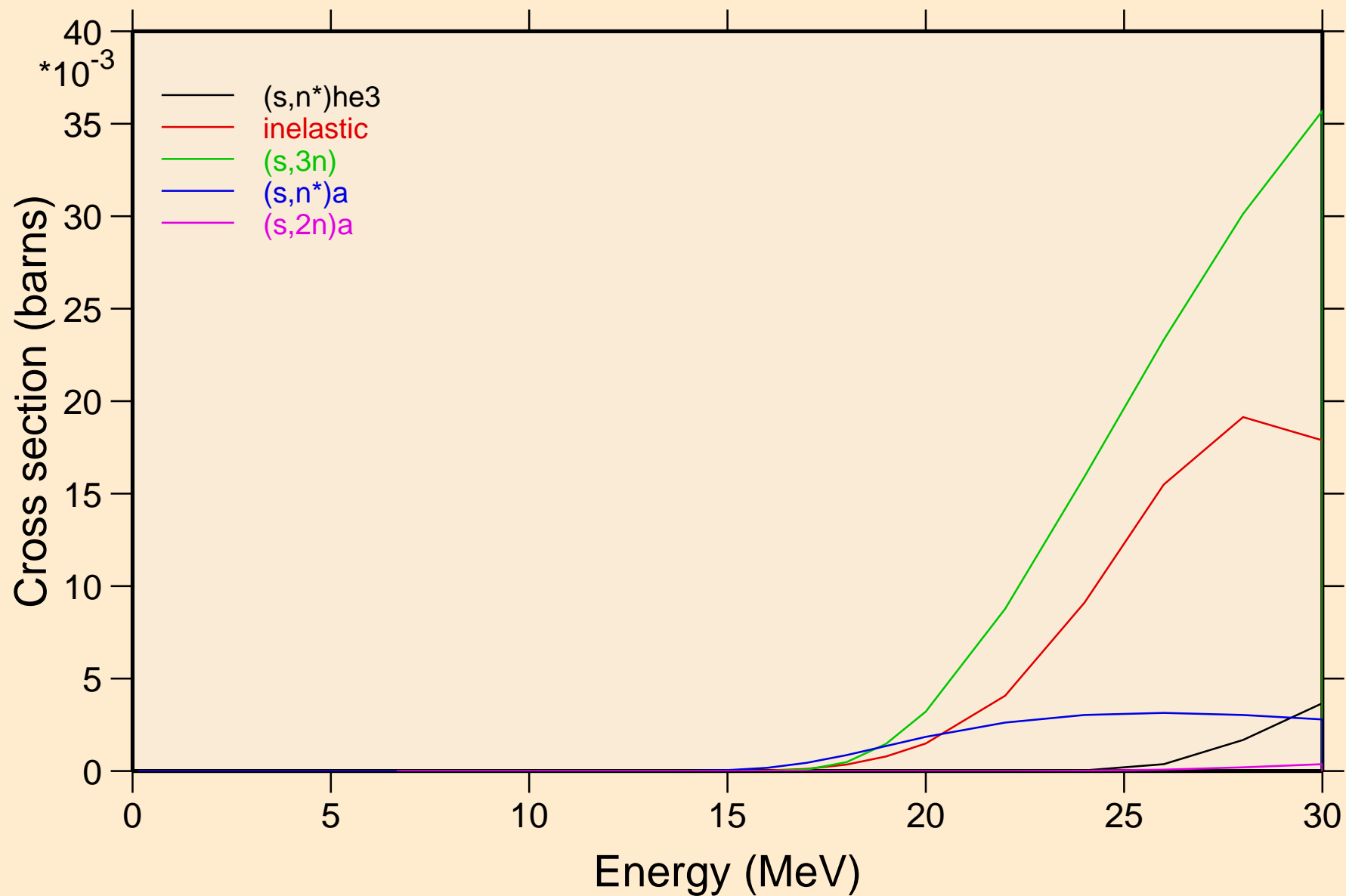
Heating



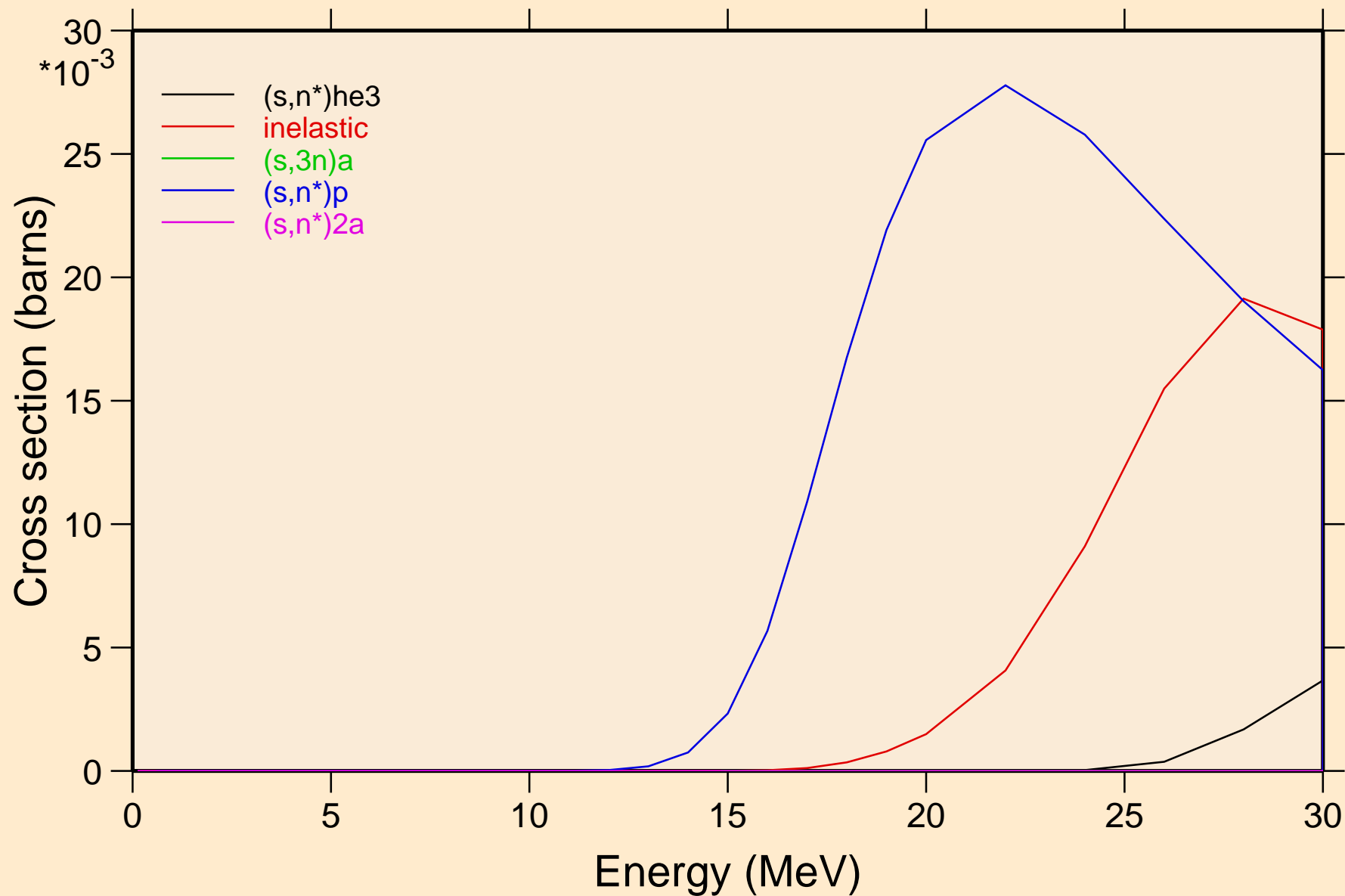
PR141 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



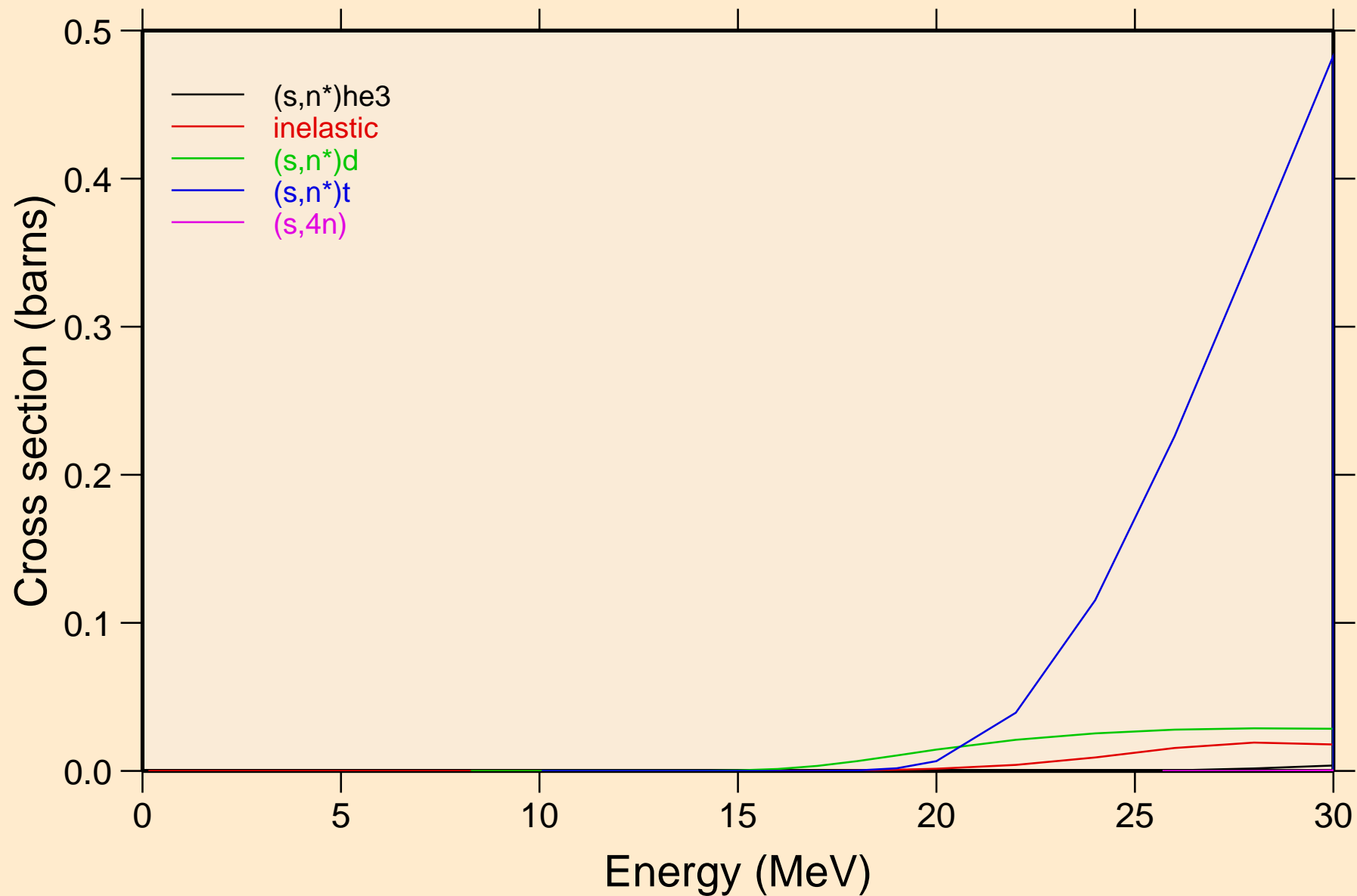
PR141 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



PR141 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

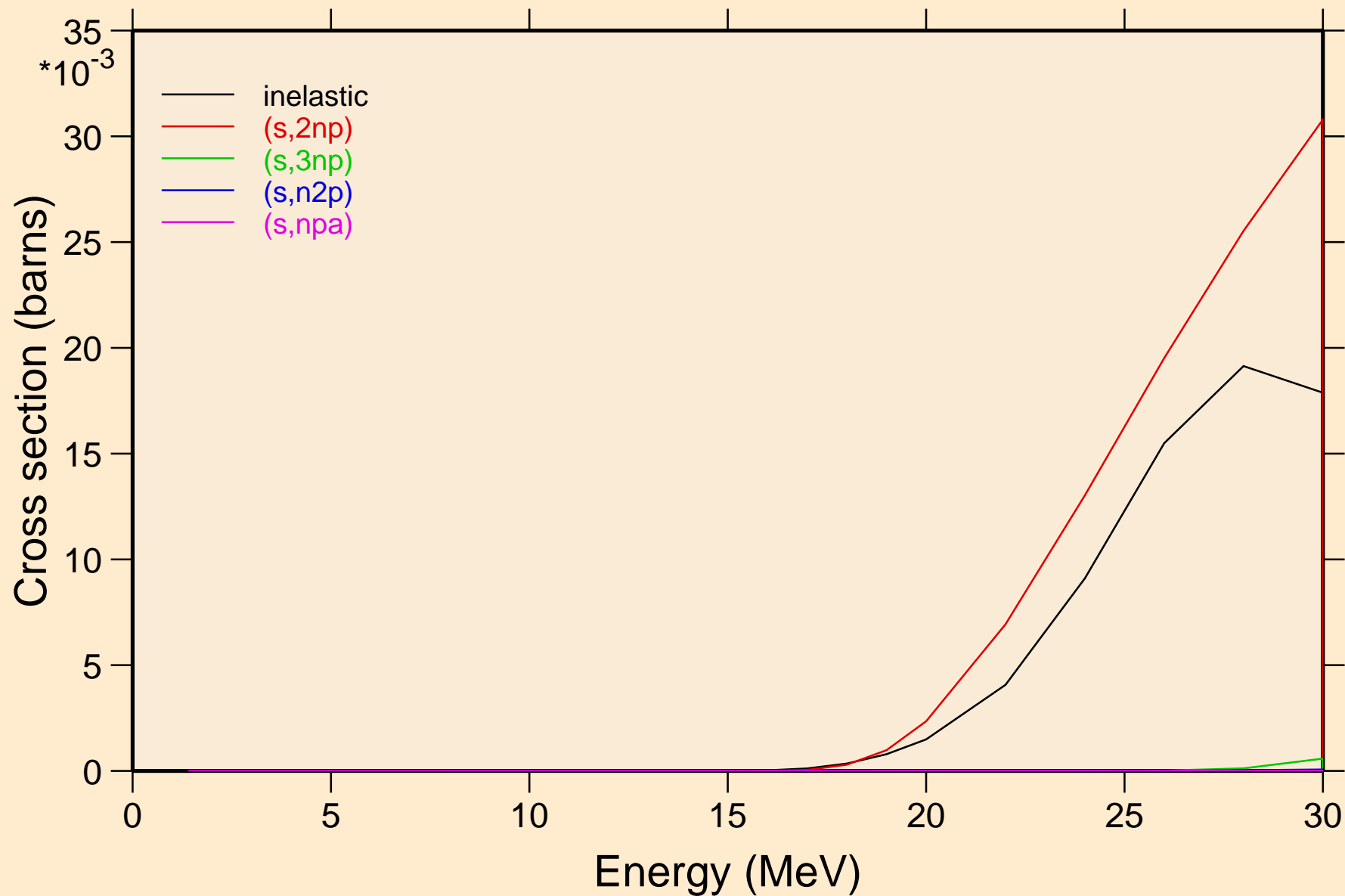


PR141 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

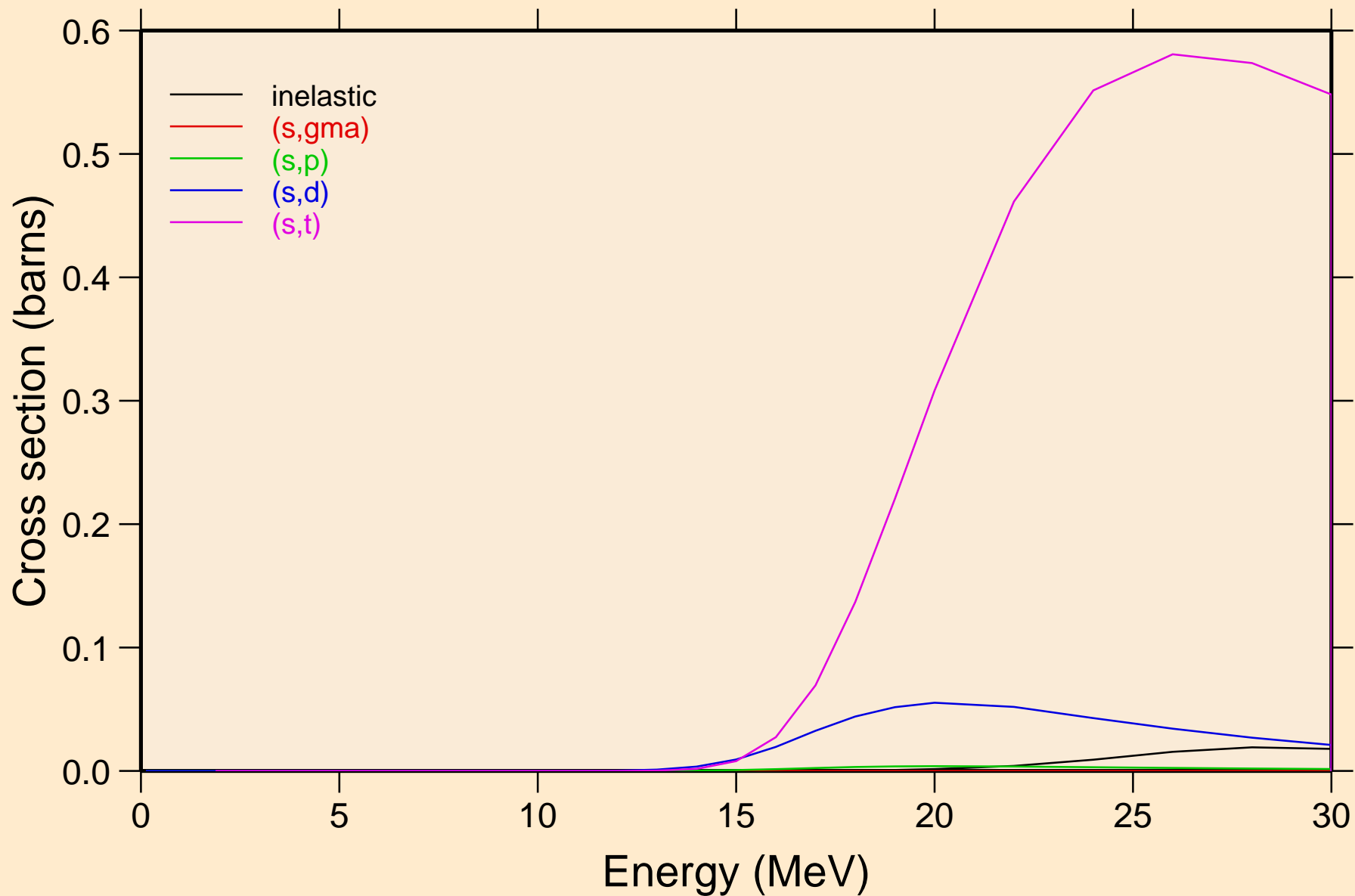




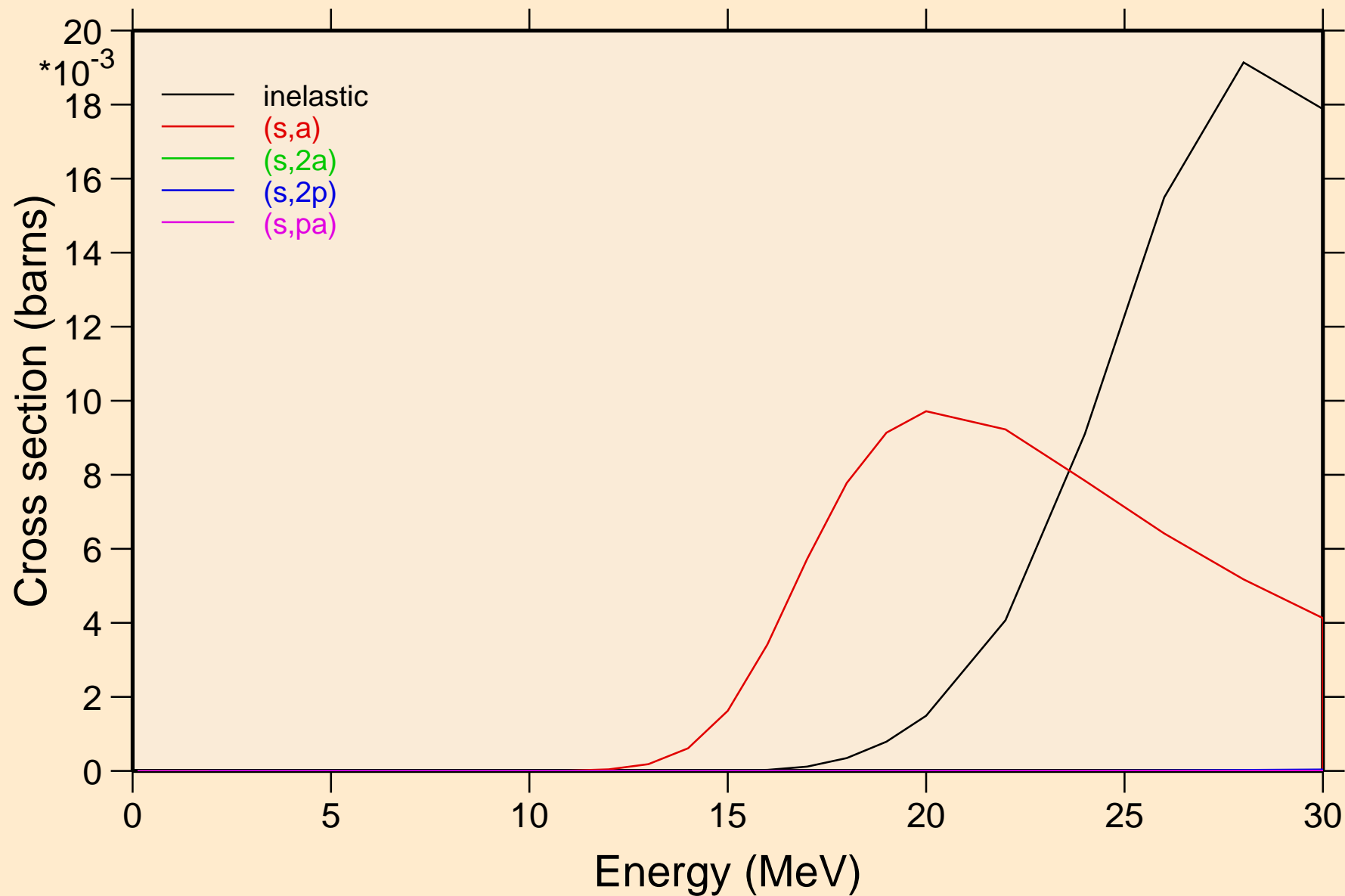
PR141 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



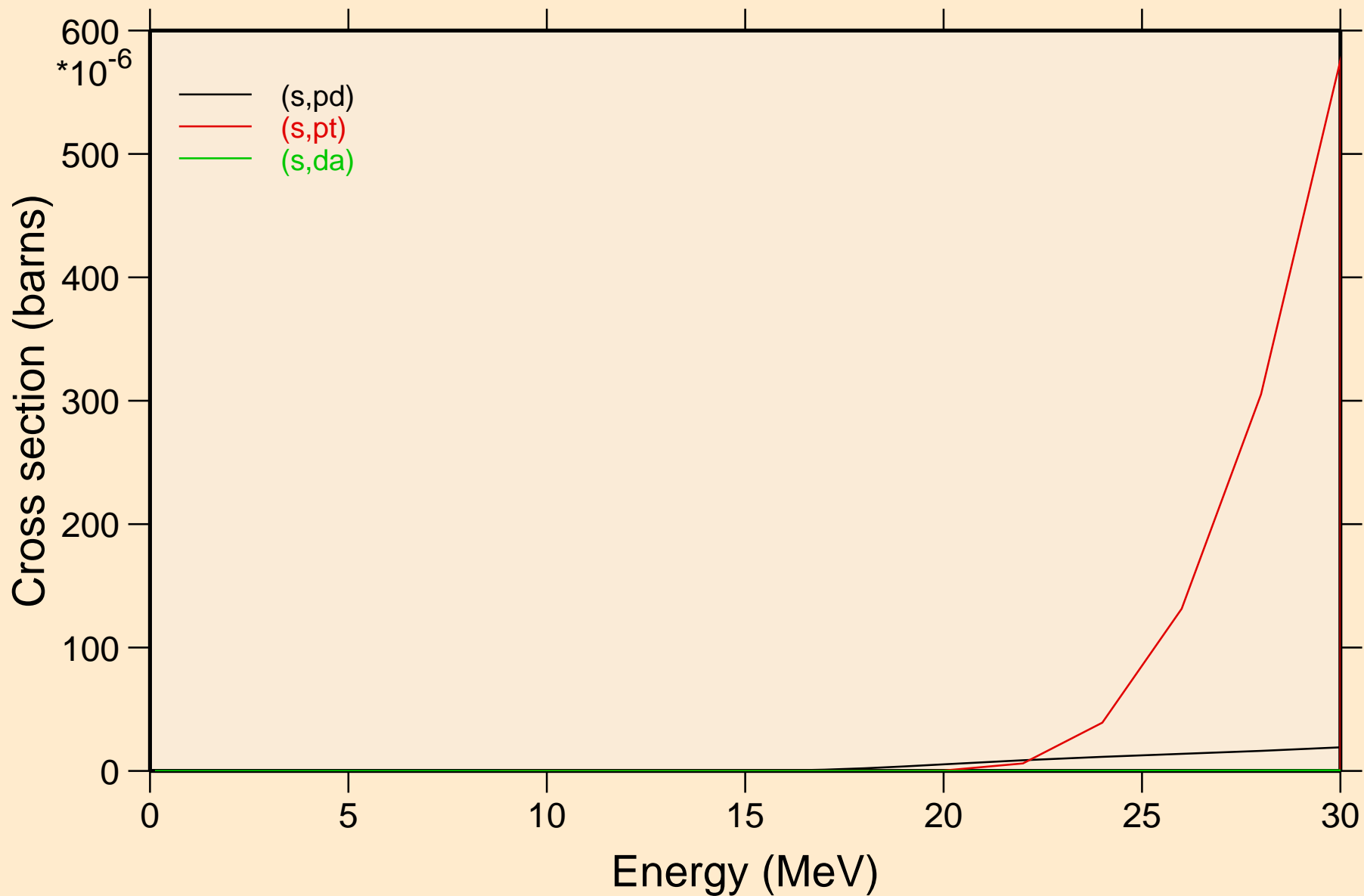
PR141 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



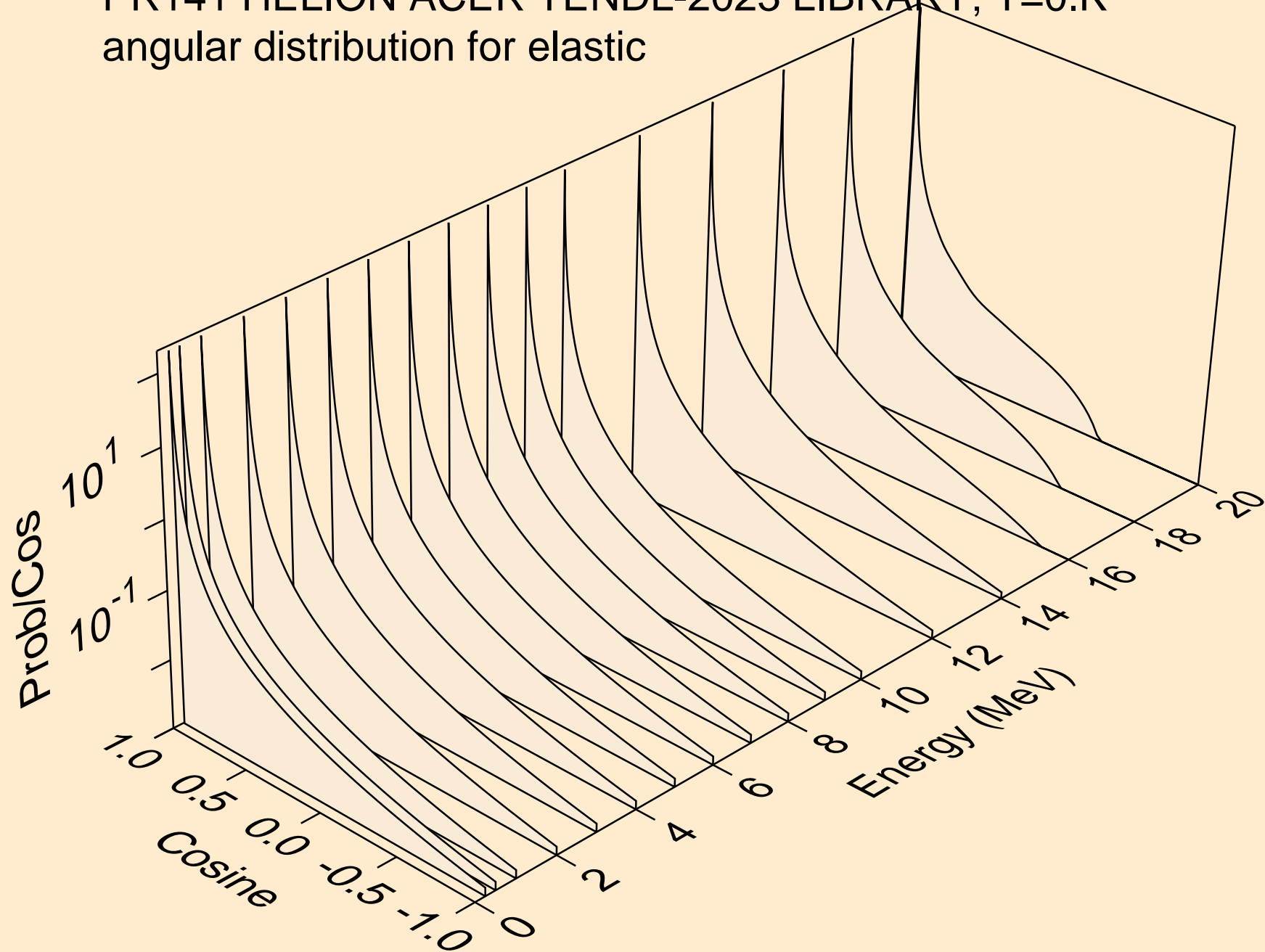
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Threshold reactions



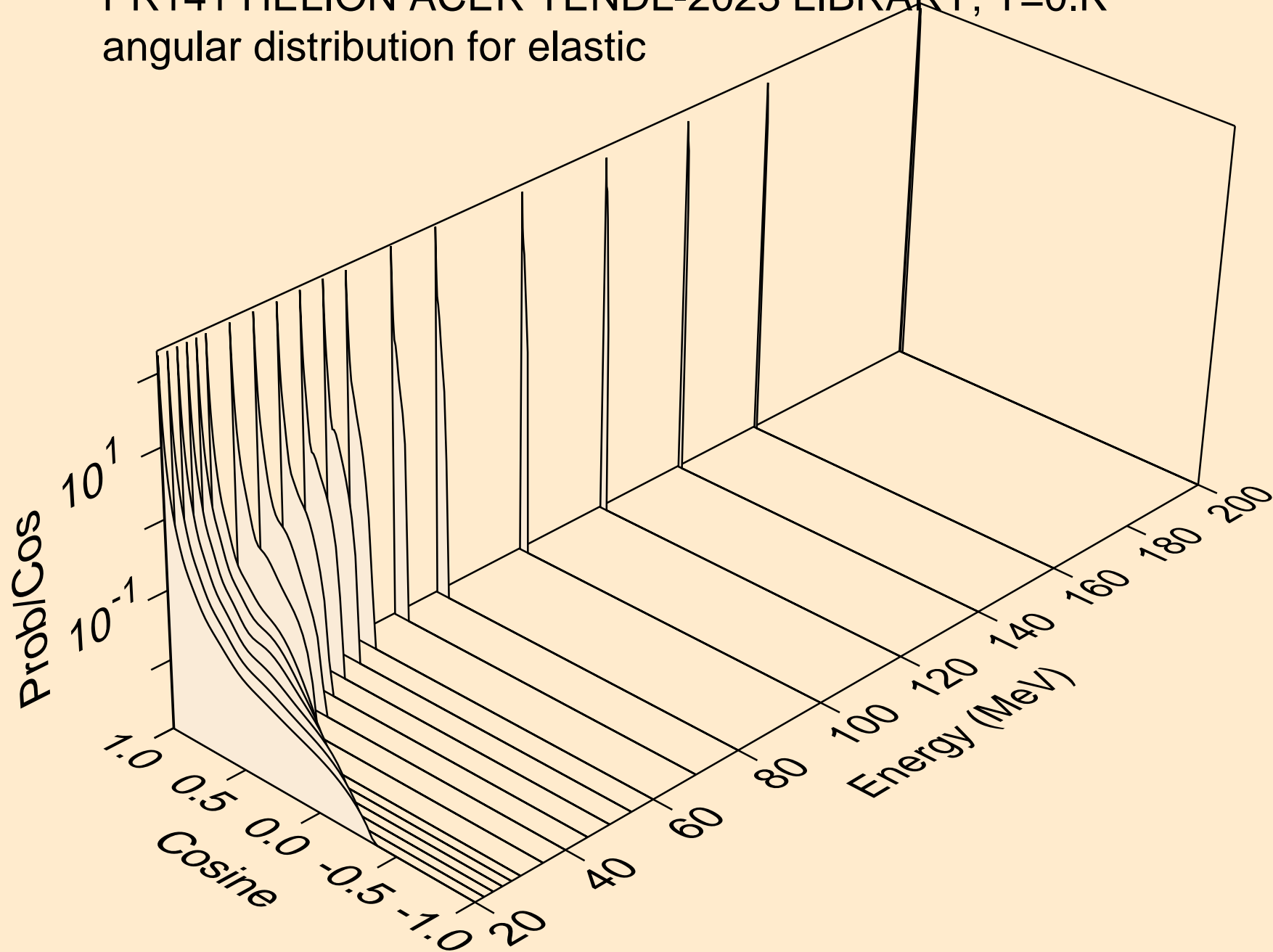
PR141 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



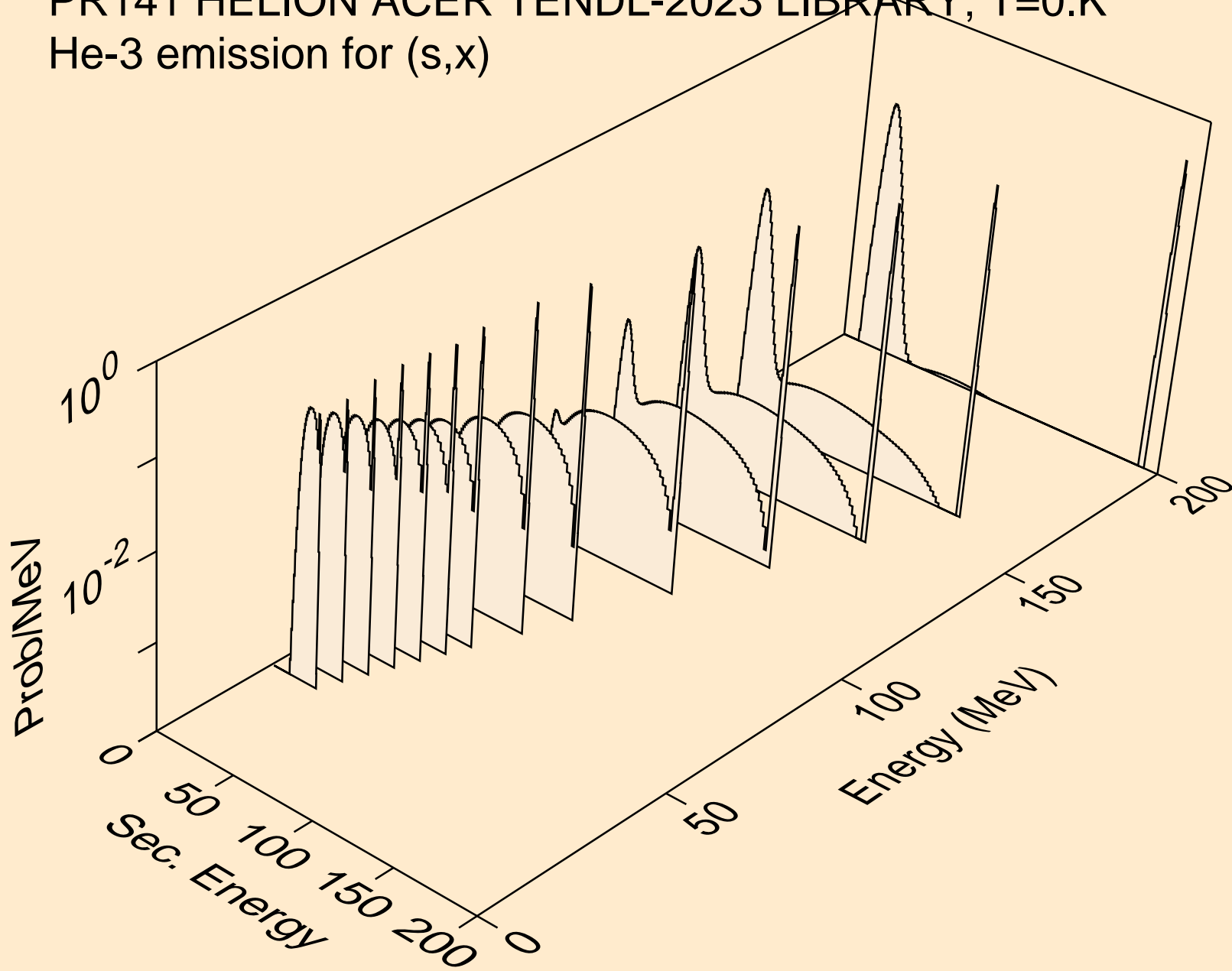
PR141 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



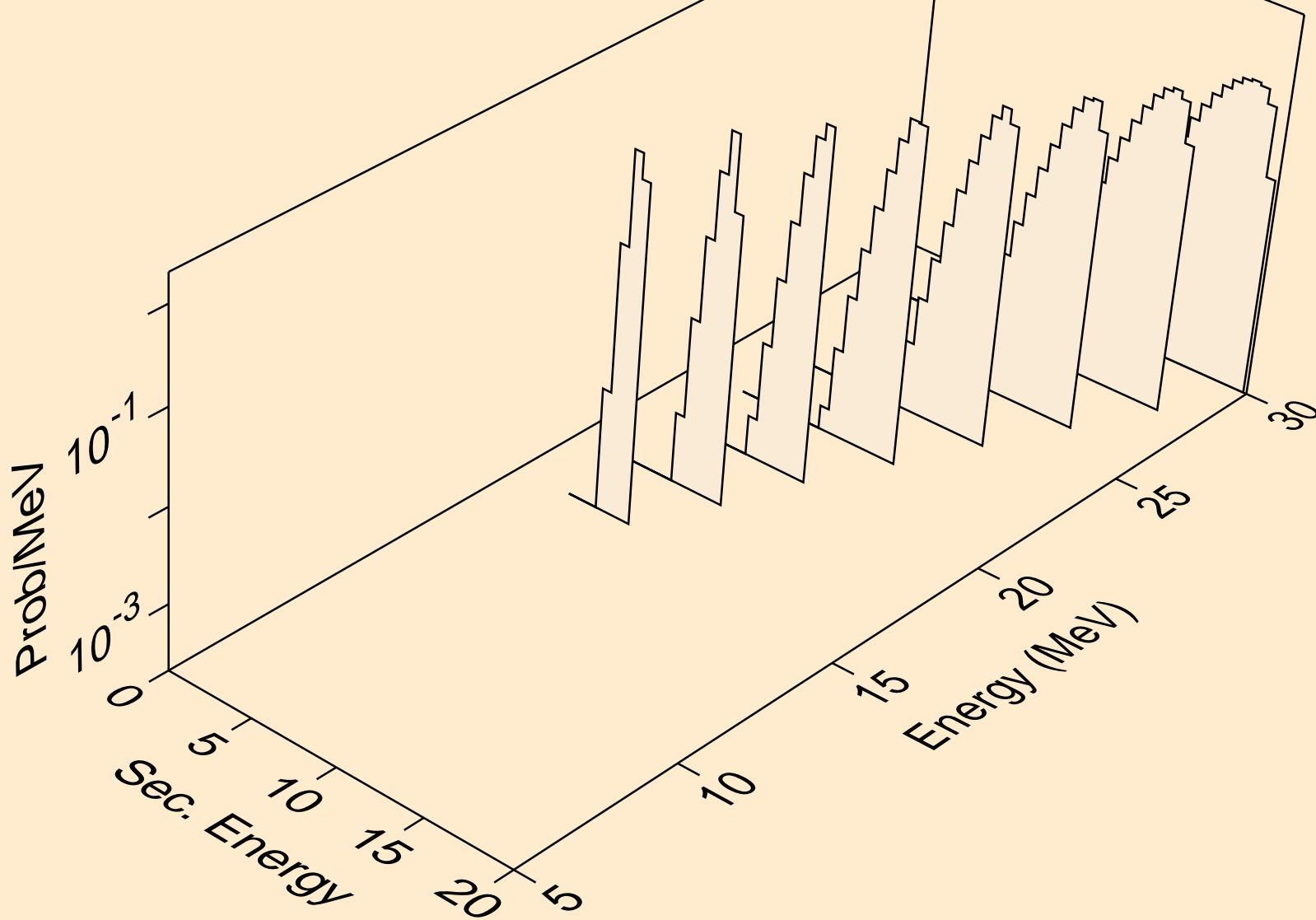
PR141 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



PR141 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,x)

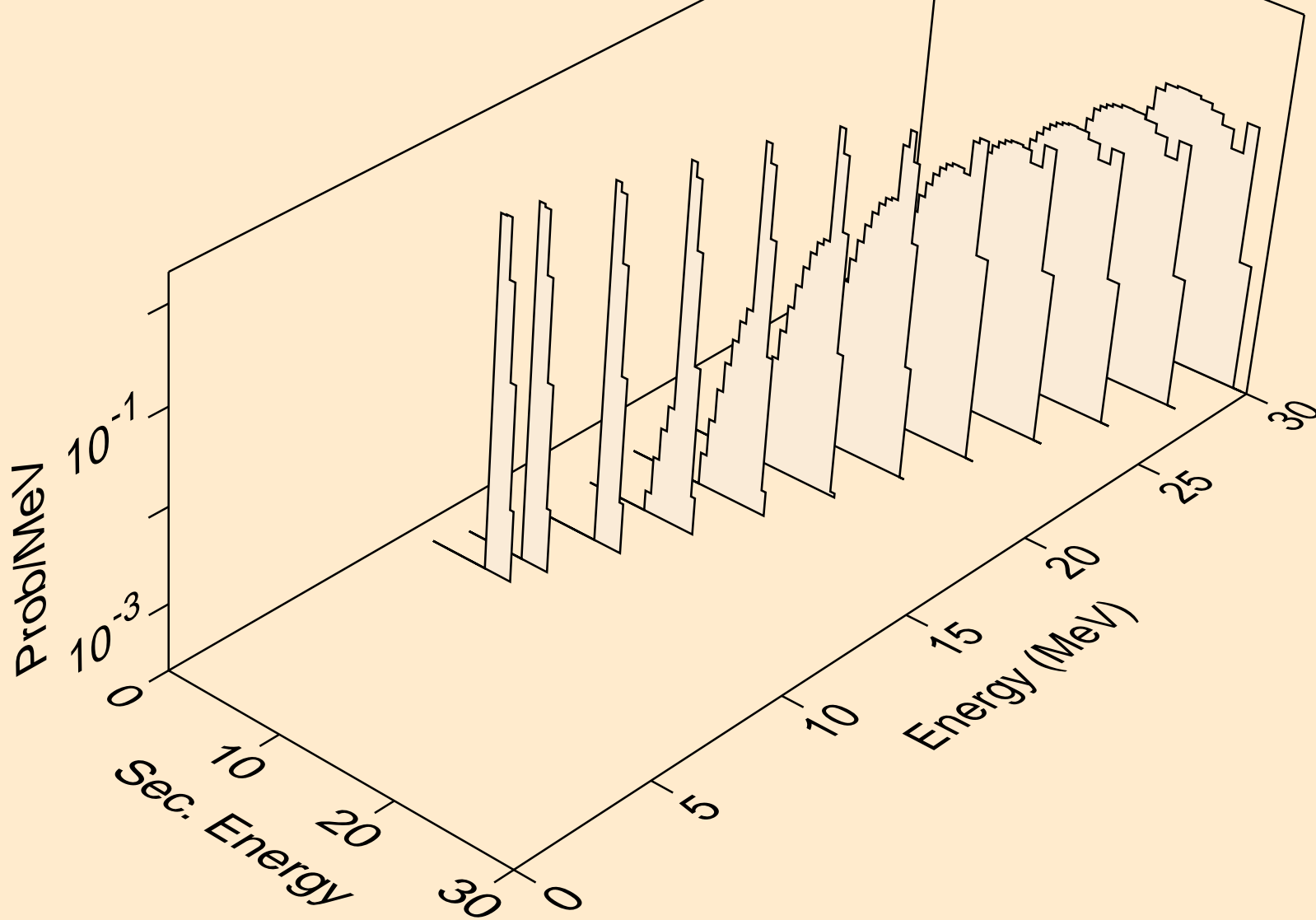


PR141 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

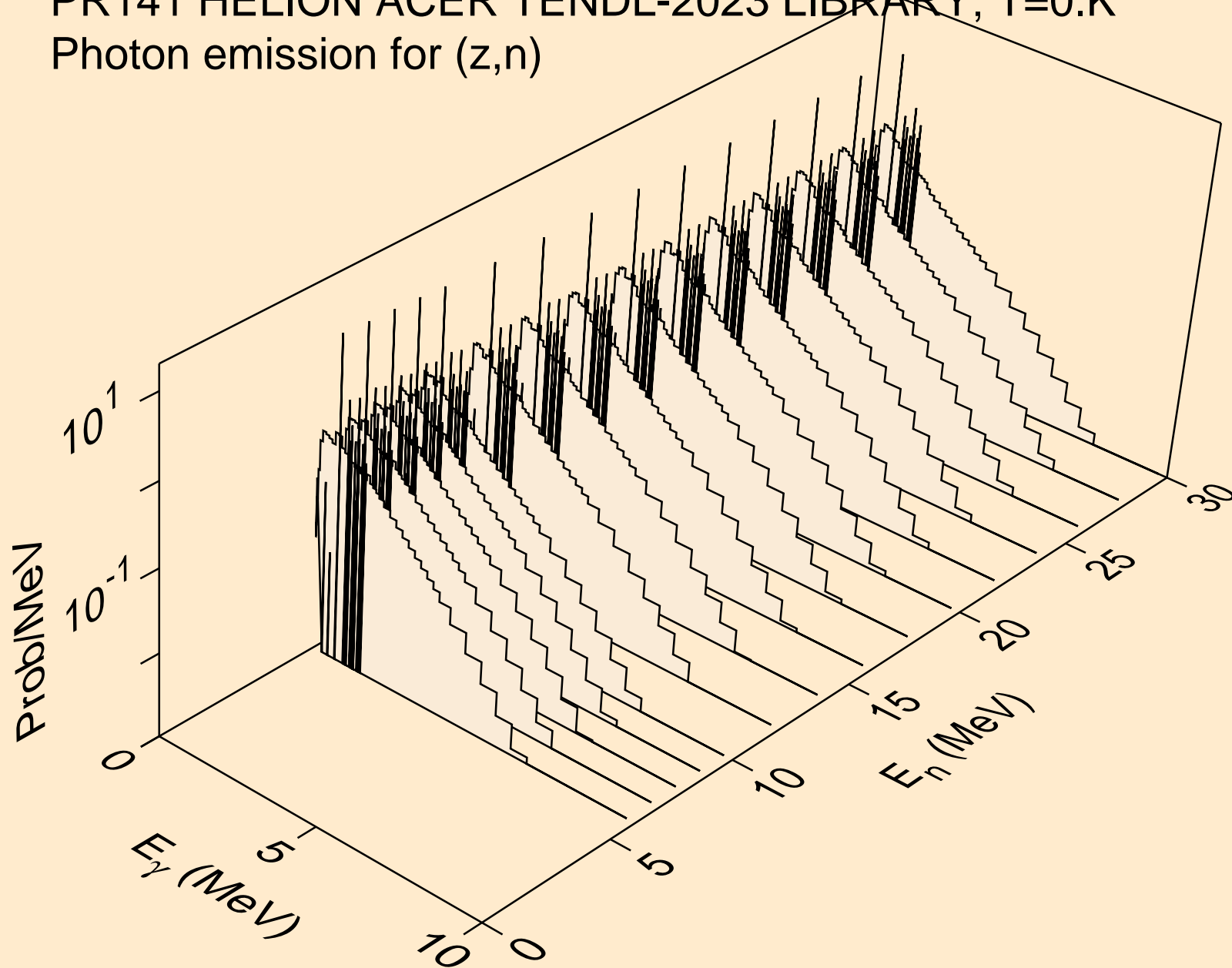




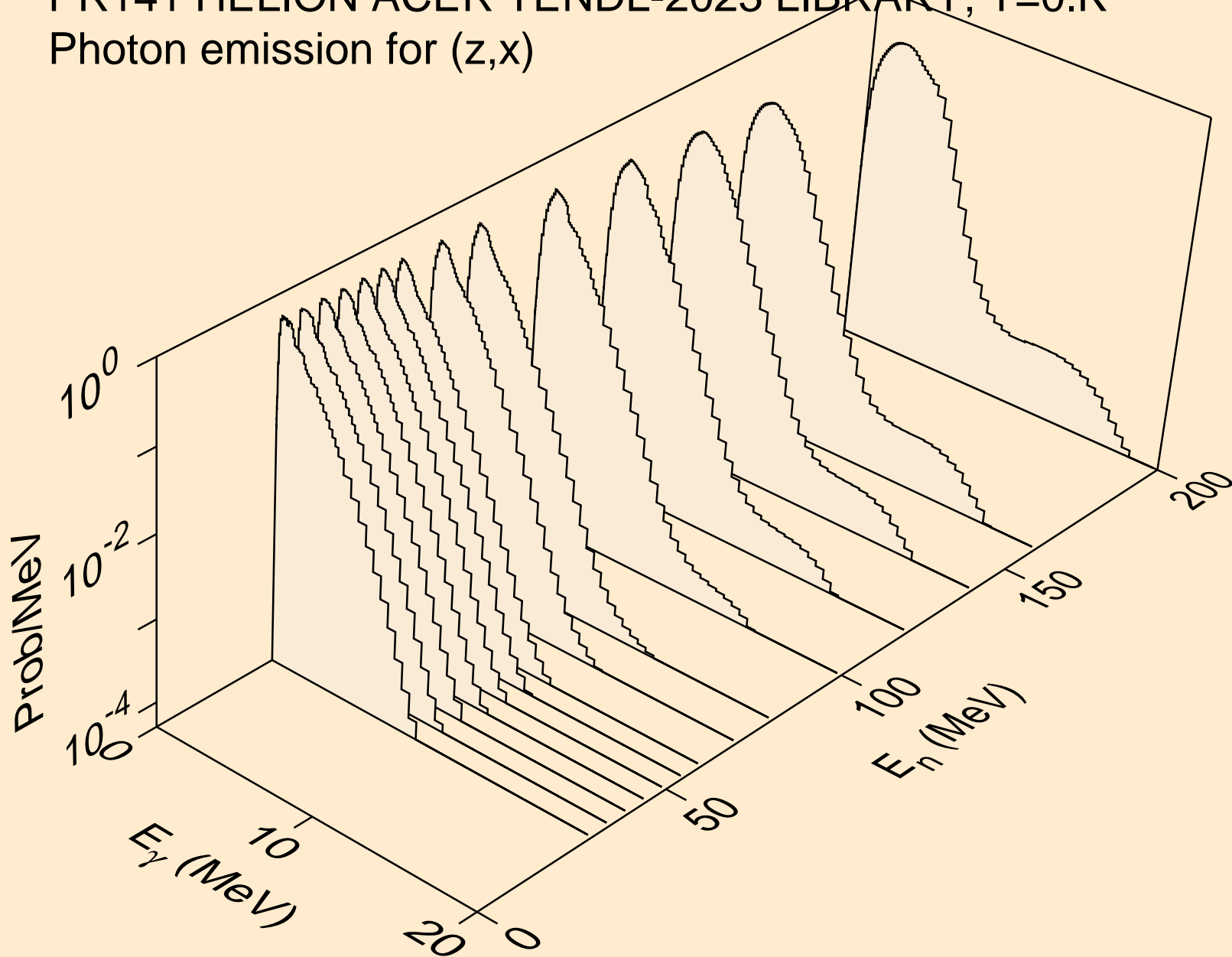
PR141 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for inelastic



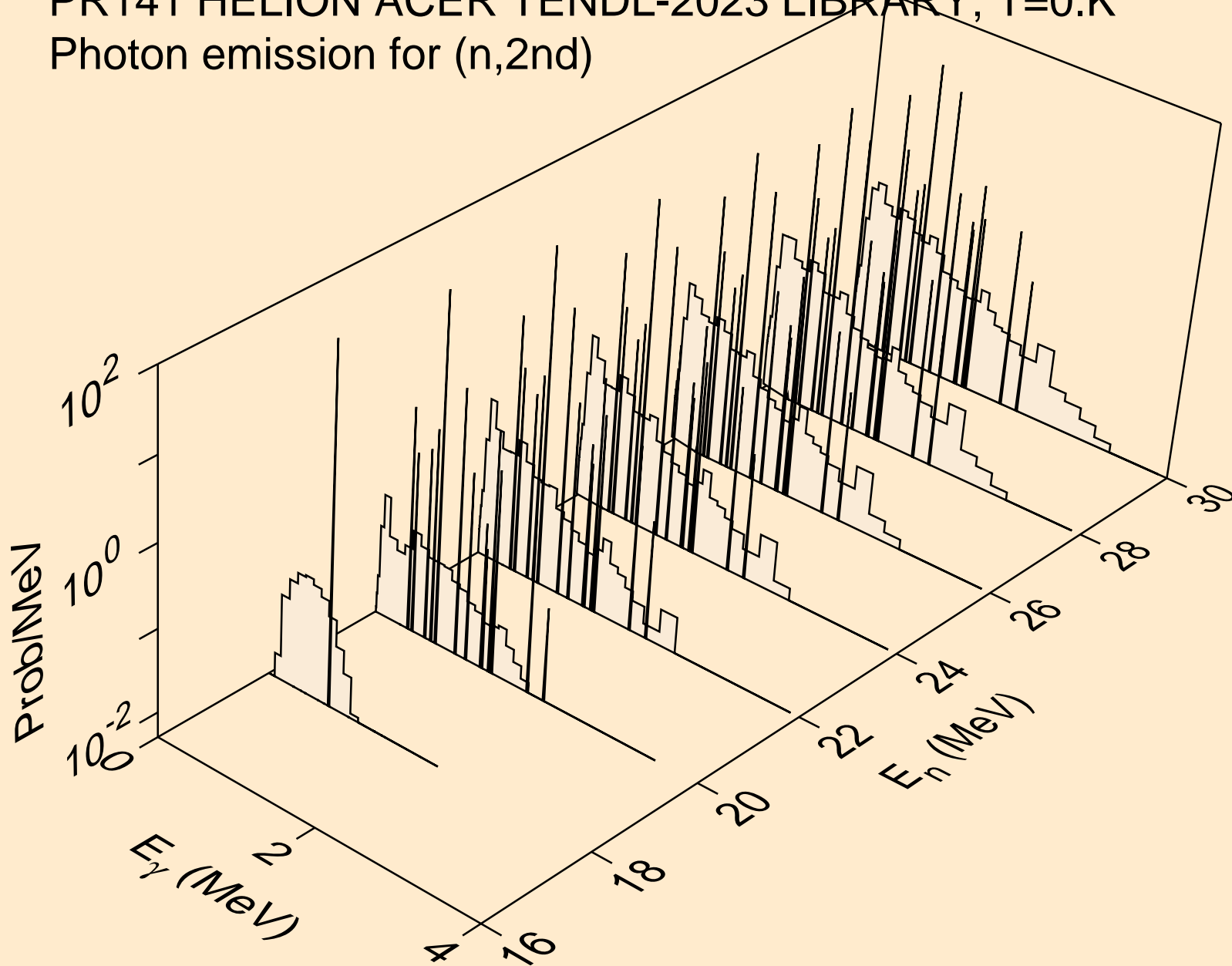
PR141 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



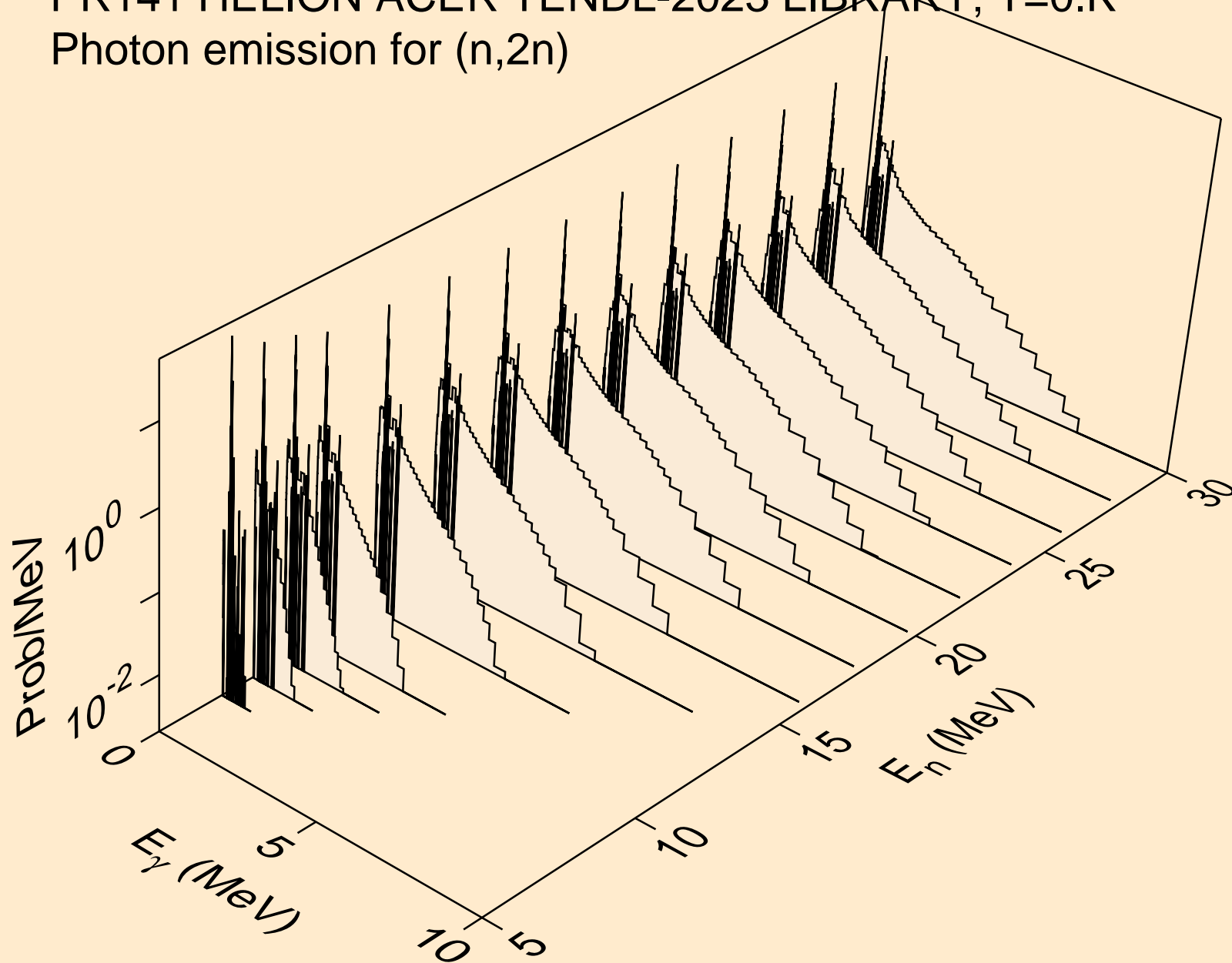
PR141 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



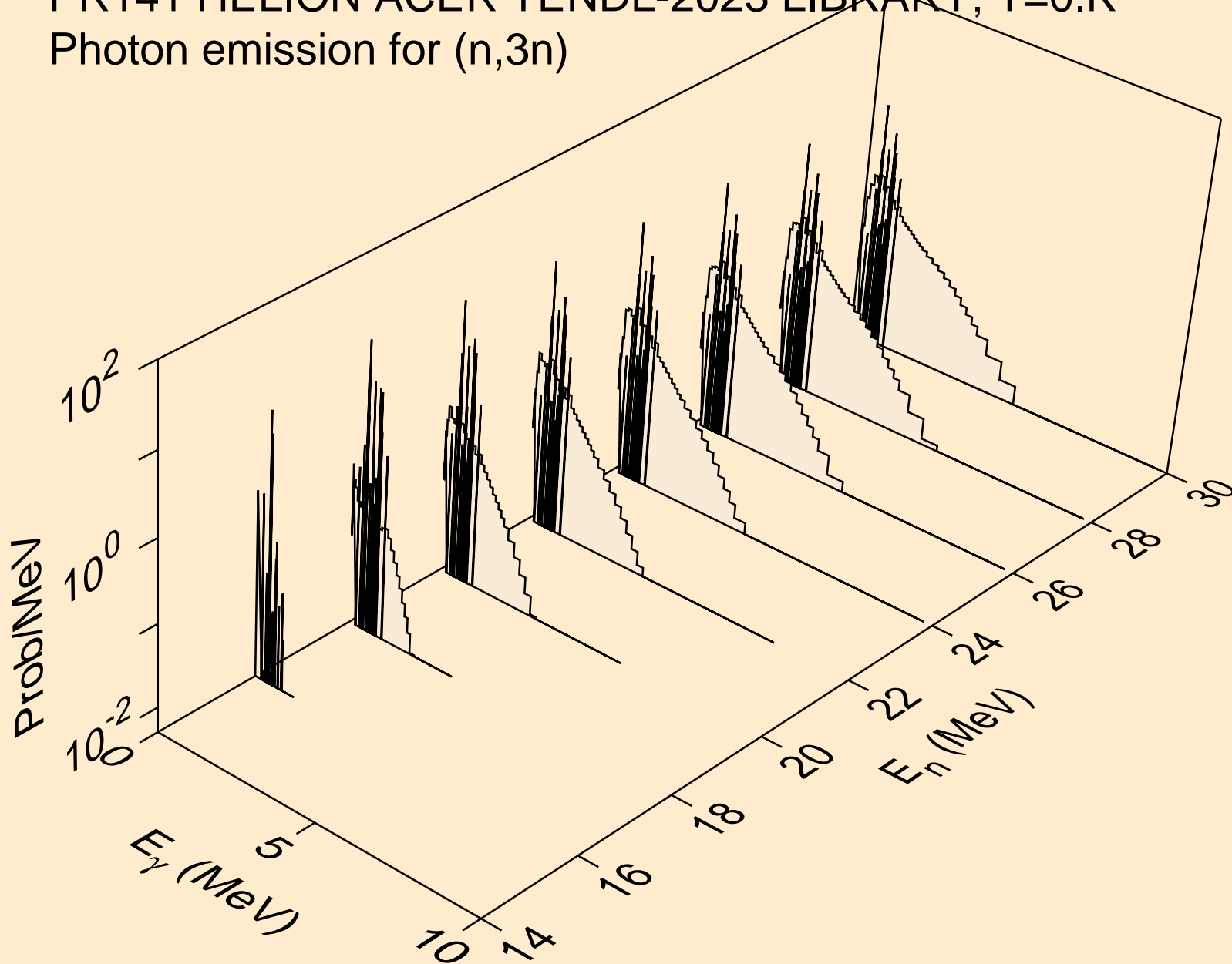
PR141 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



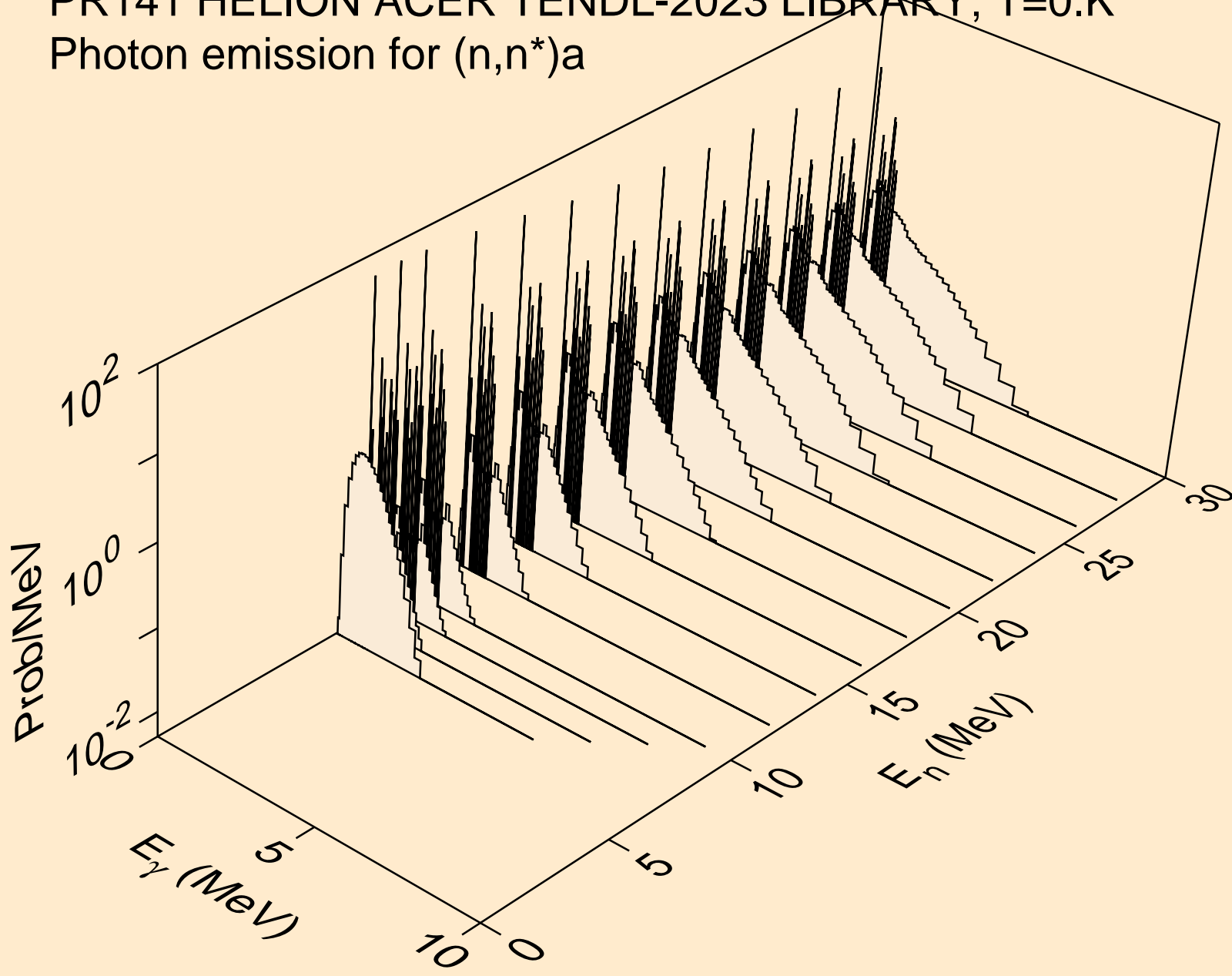
PR141 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



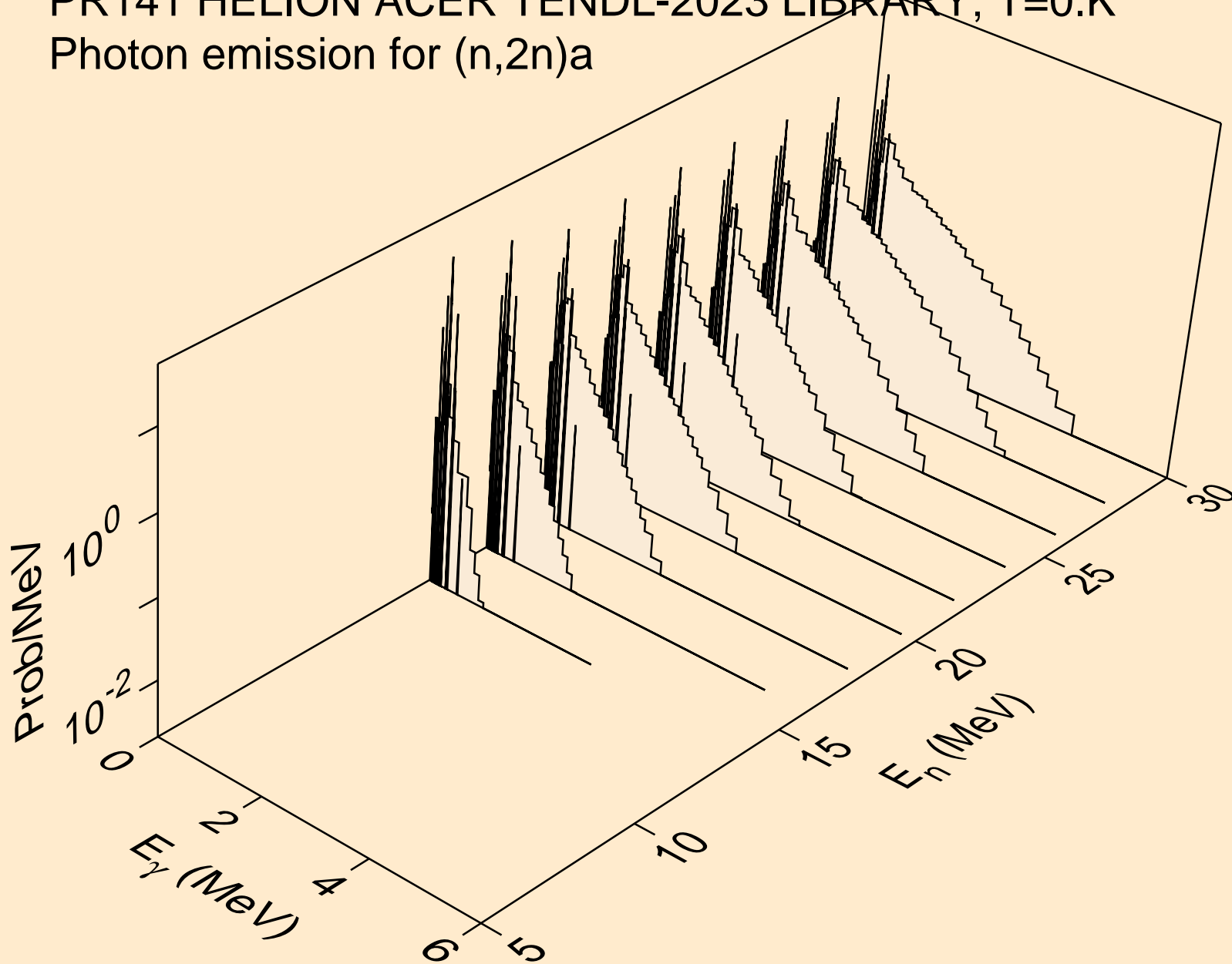
PR141 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



PR141 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

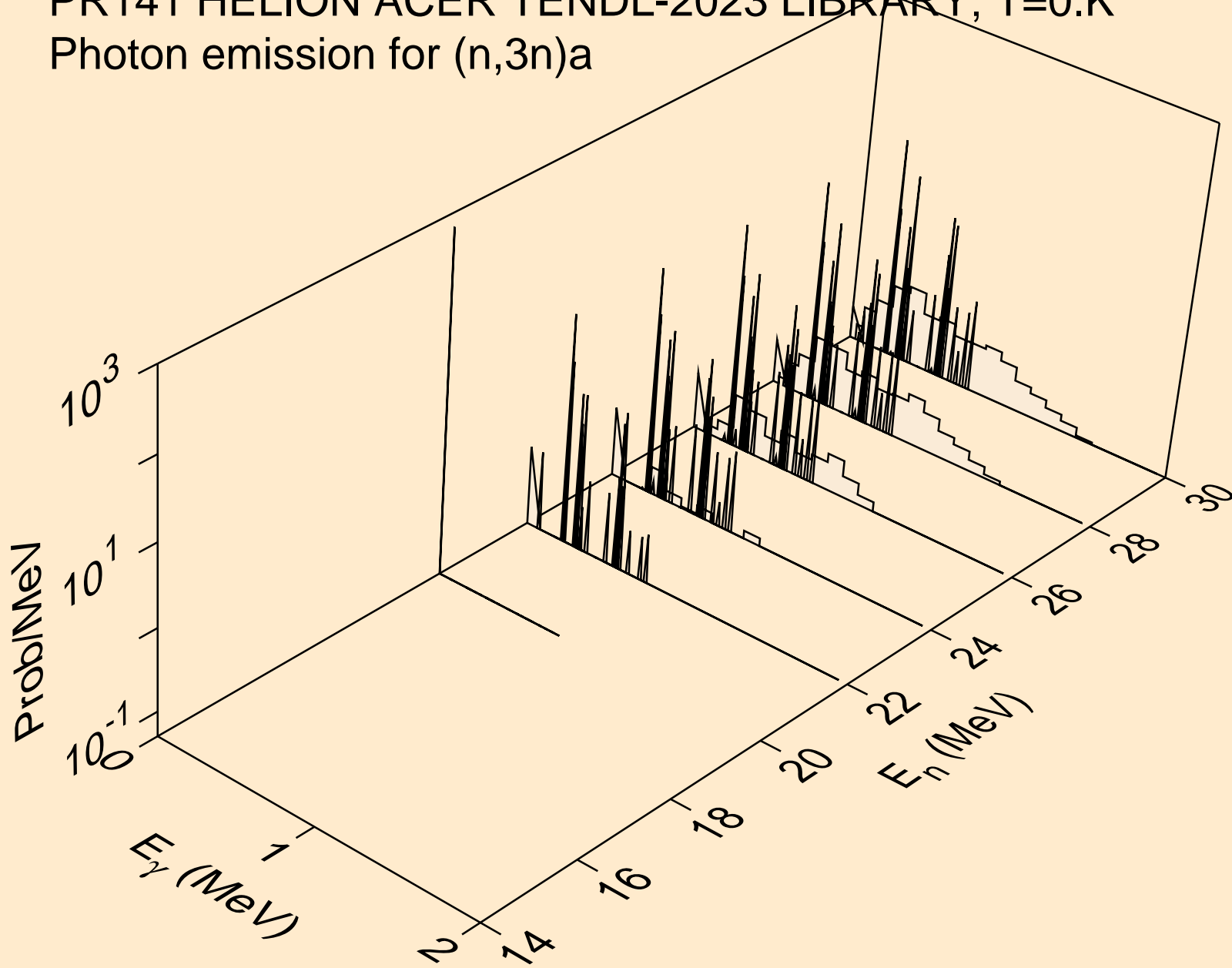


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Photon emission for (n,2n)a

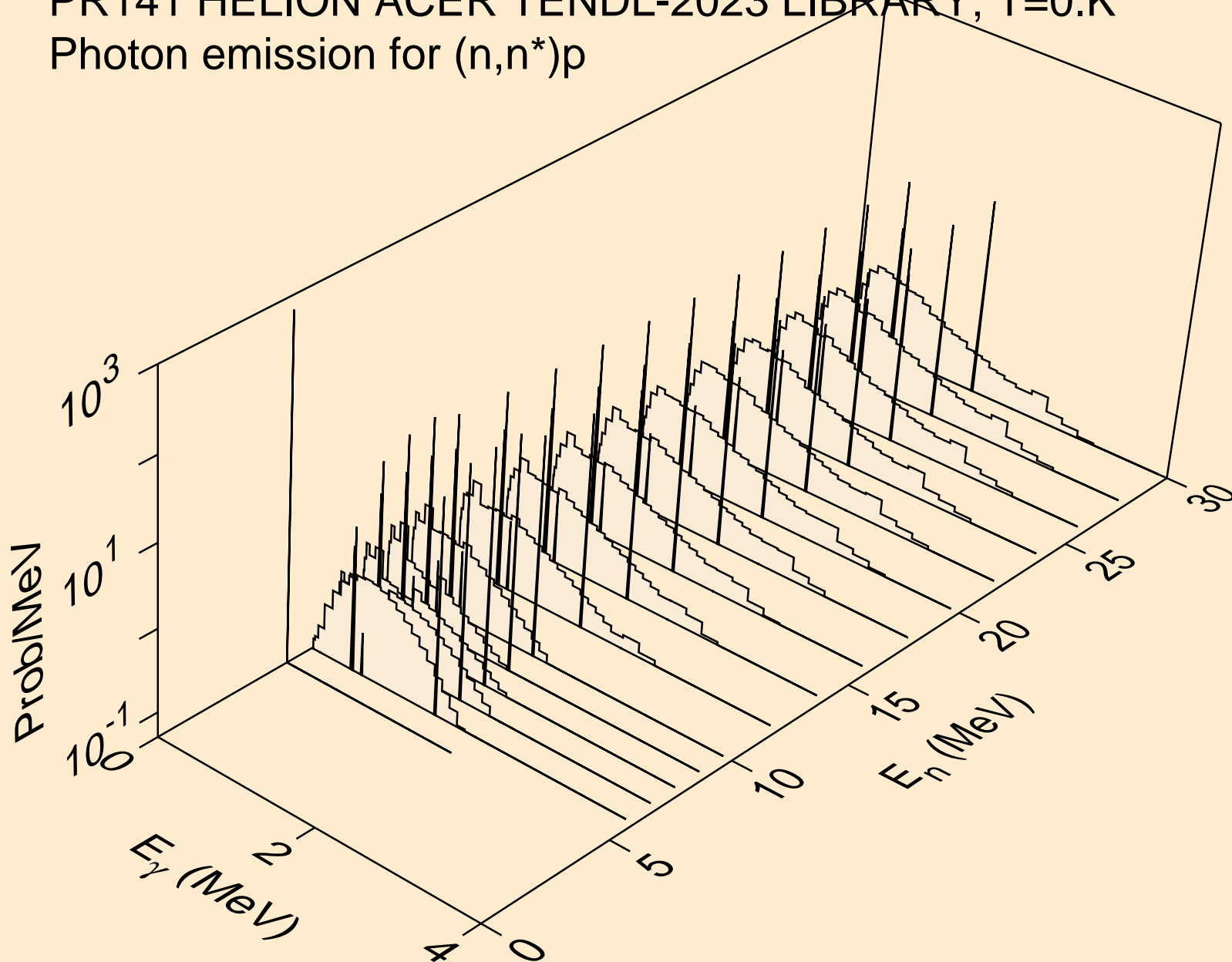




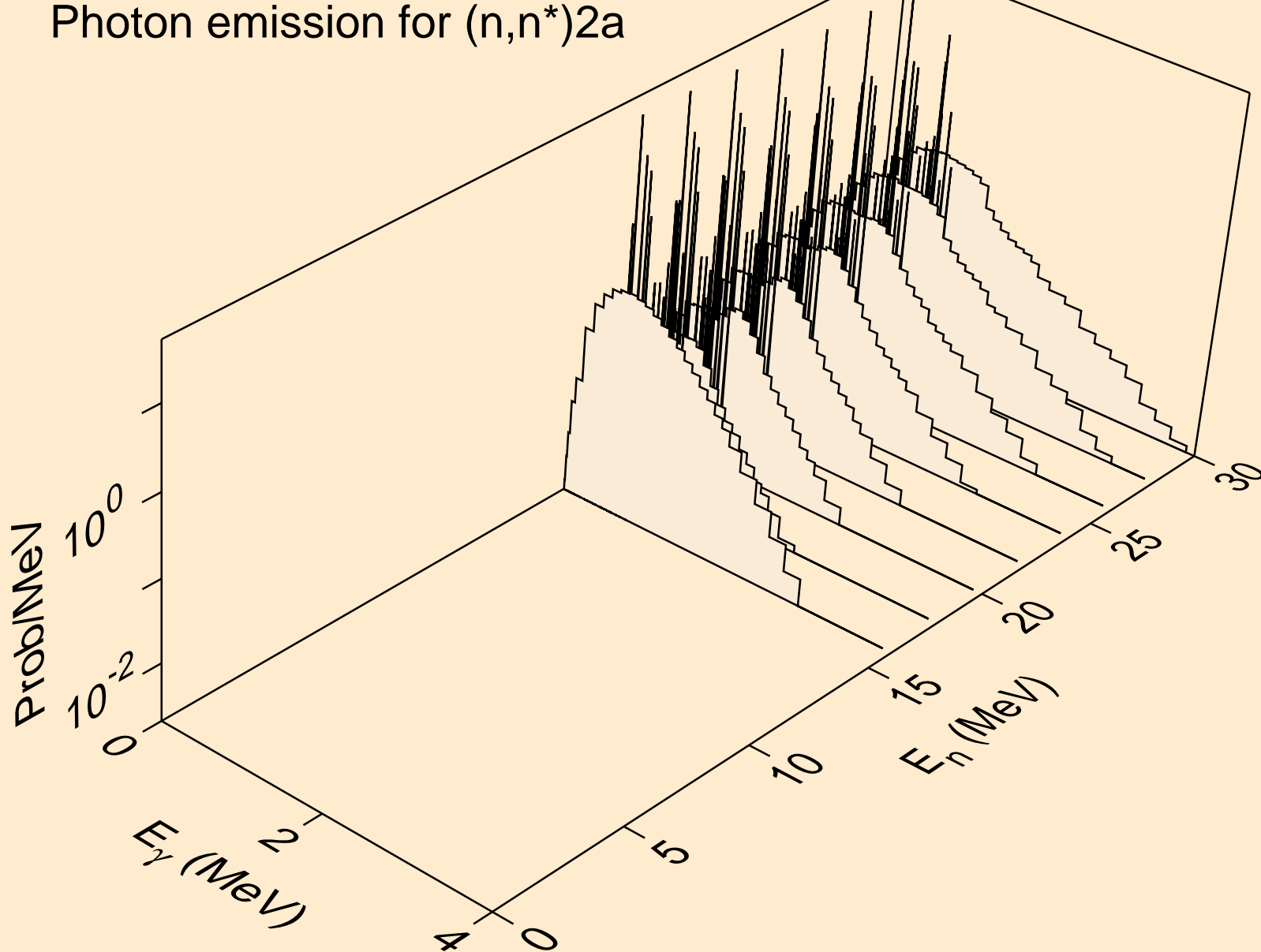
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Photon emission for (n,3n)a



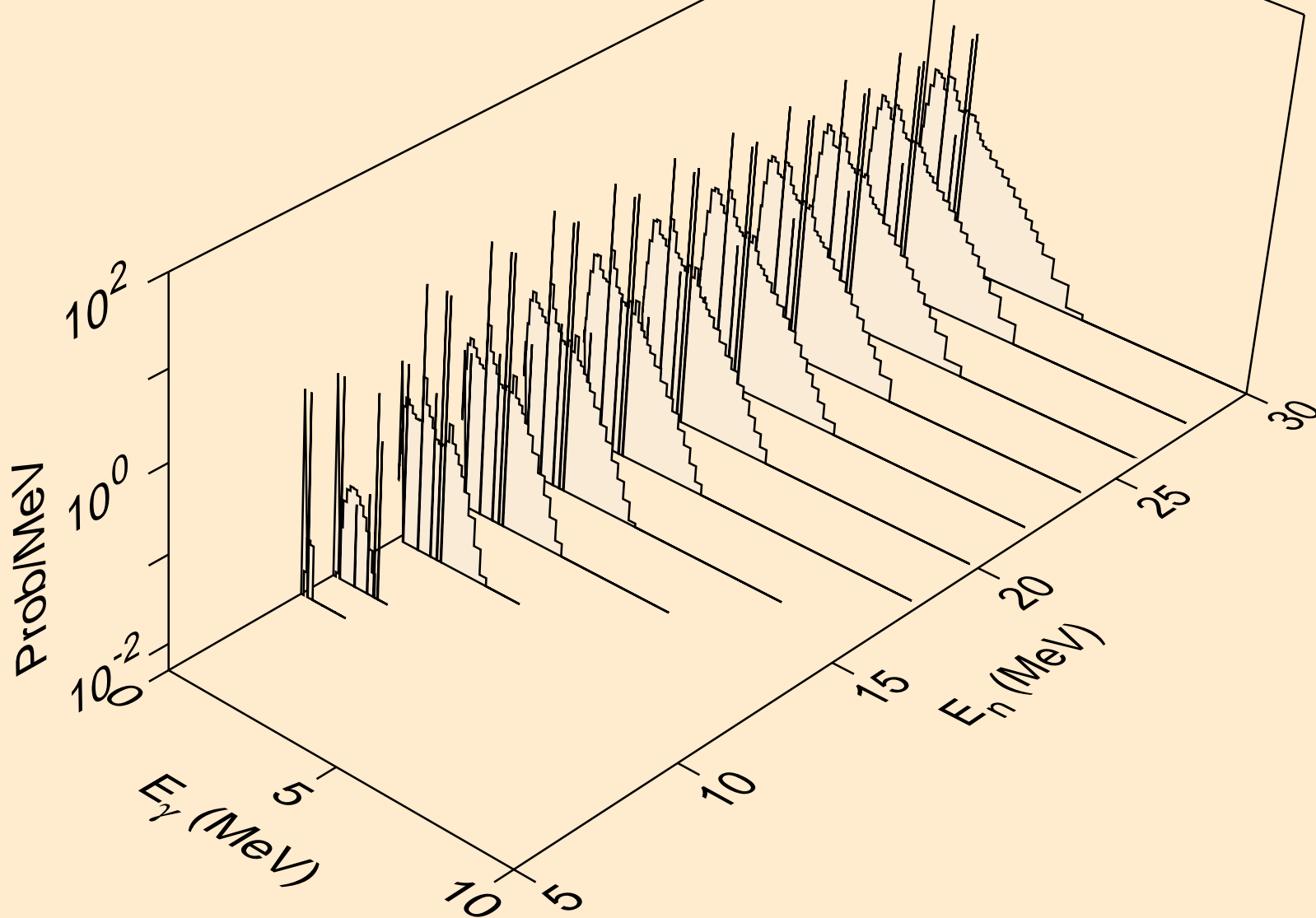
PR141 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



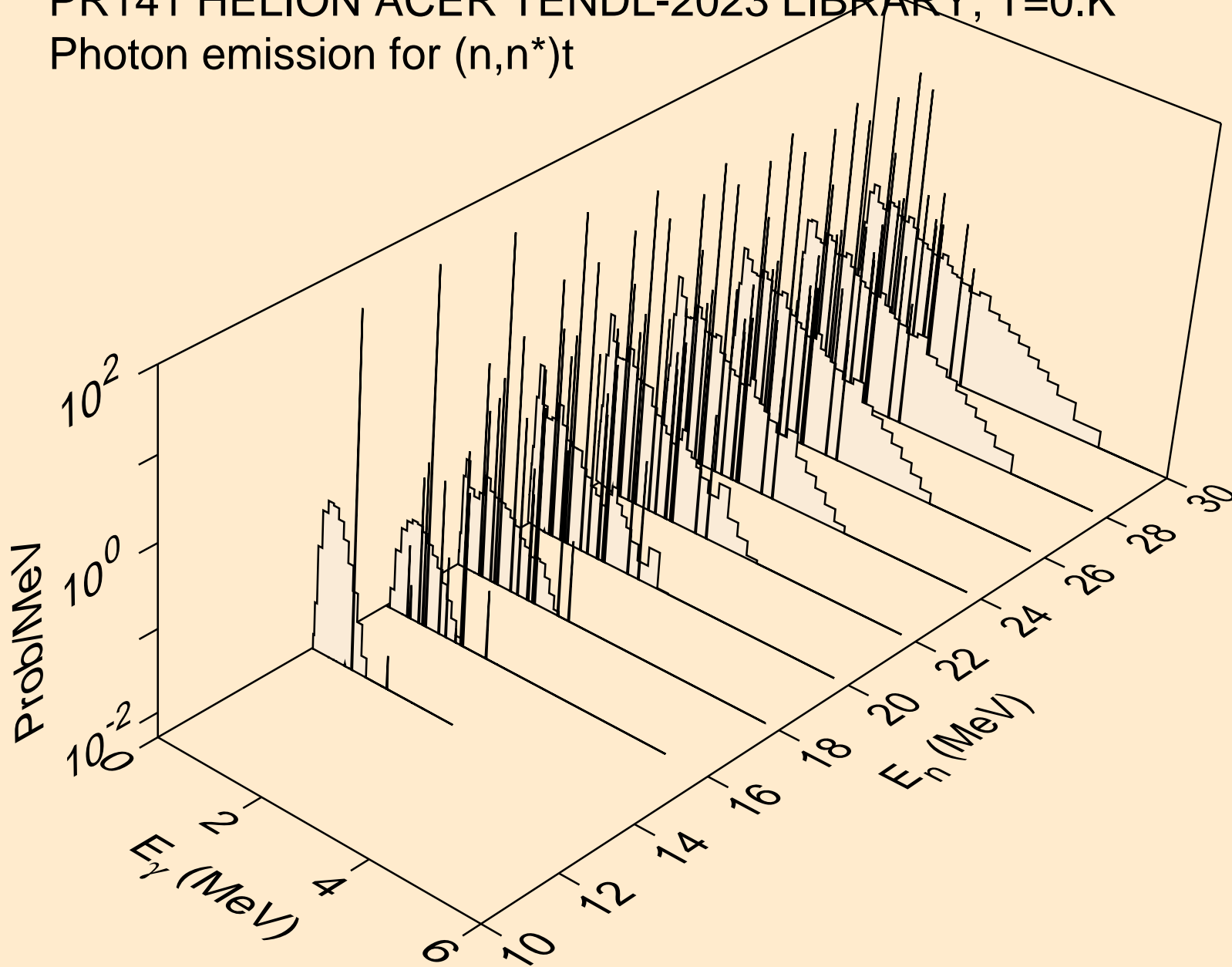
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Photon emission for (n,n\*)2a



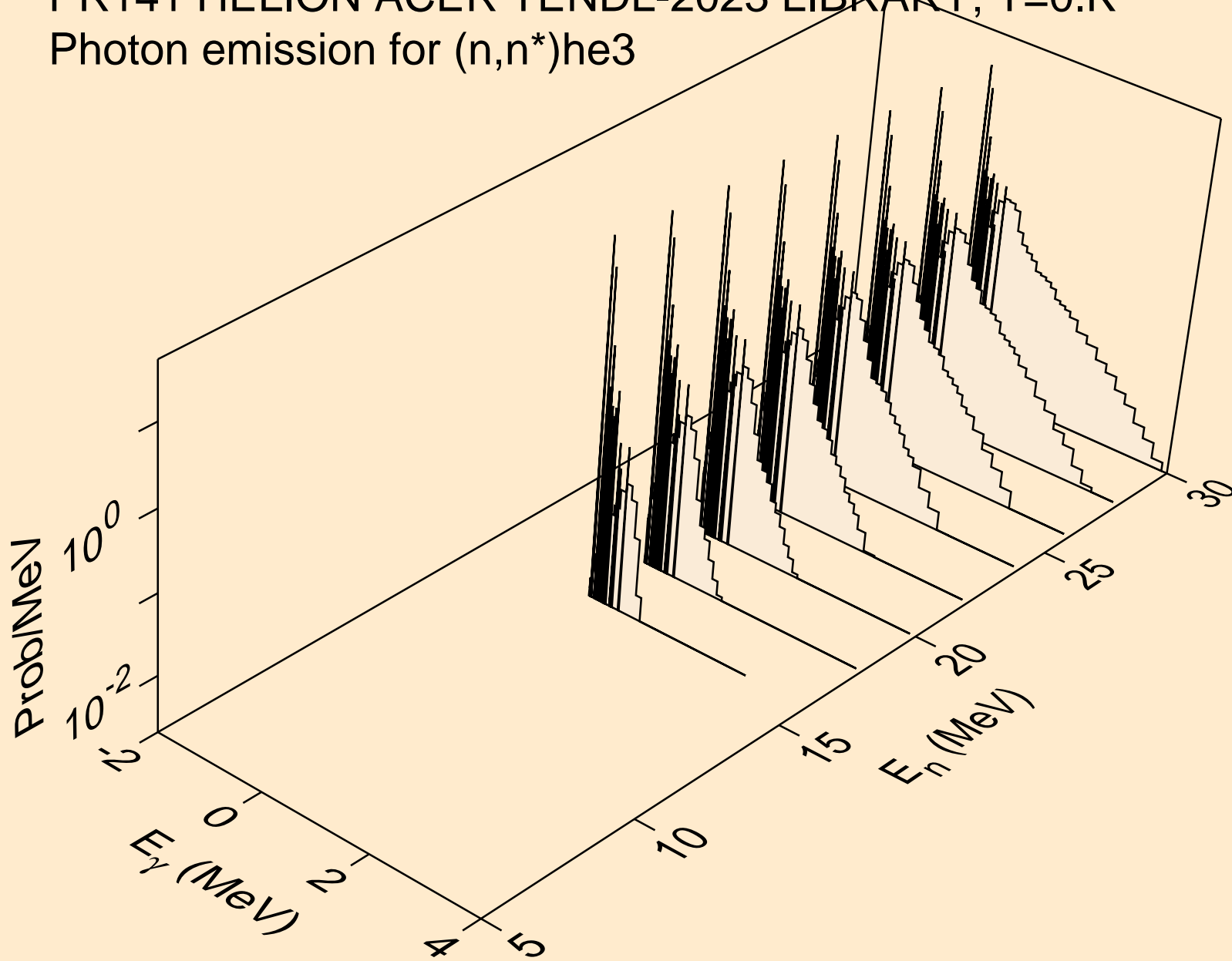
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Photon emission for (n,n\*)d



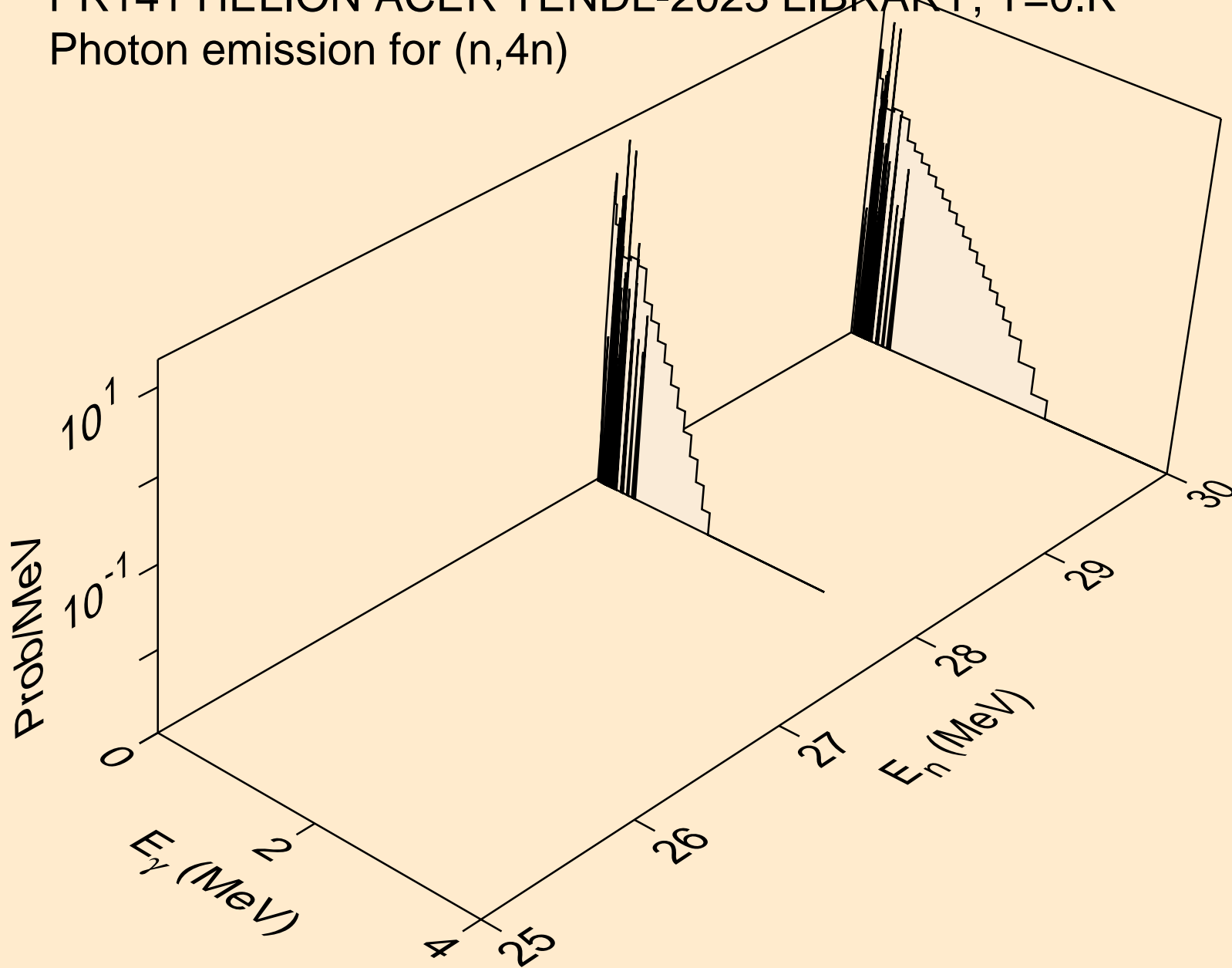
PR141 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



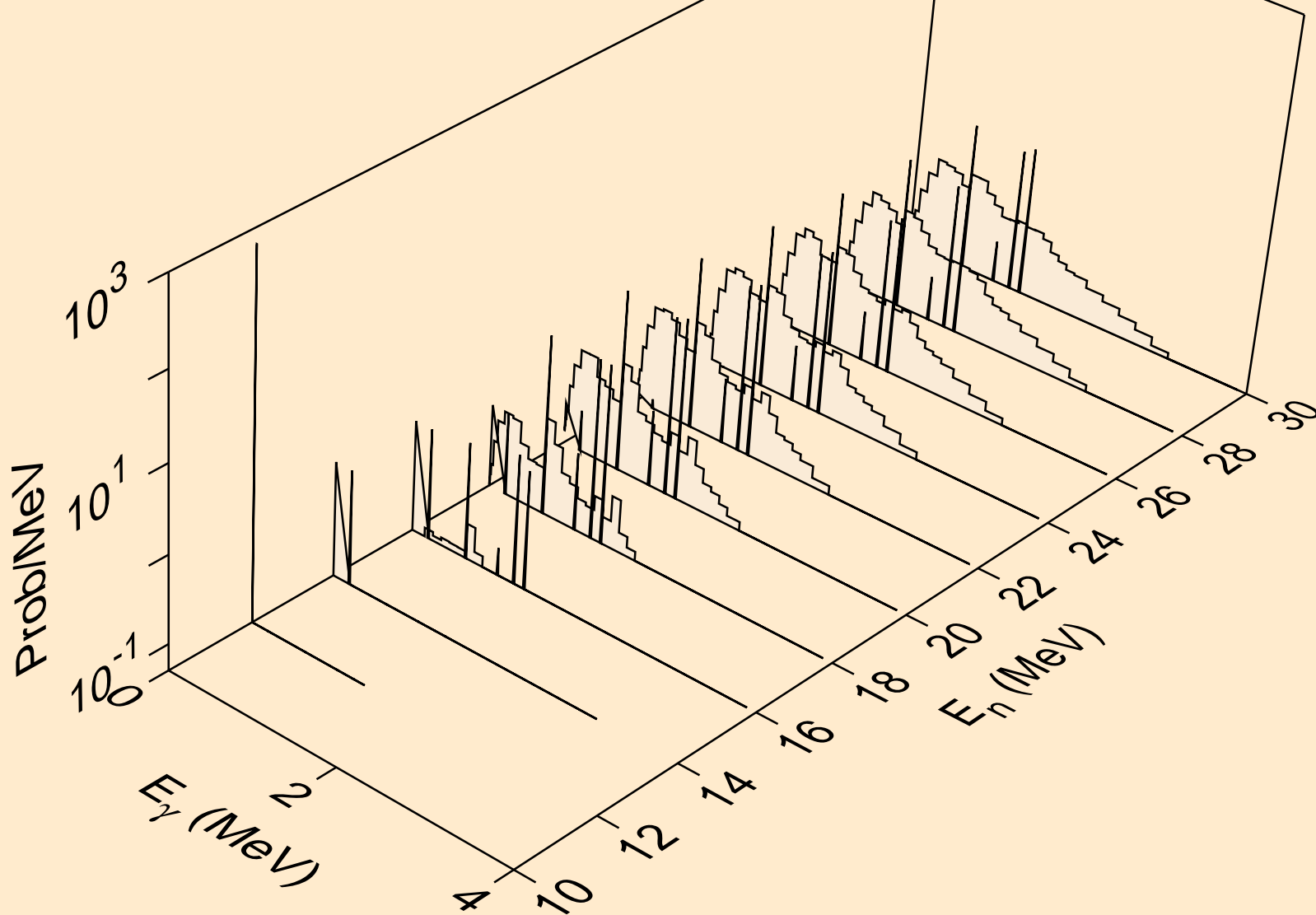
PR141 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



PR141 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)

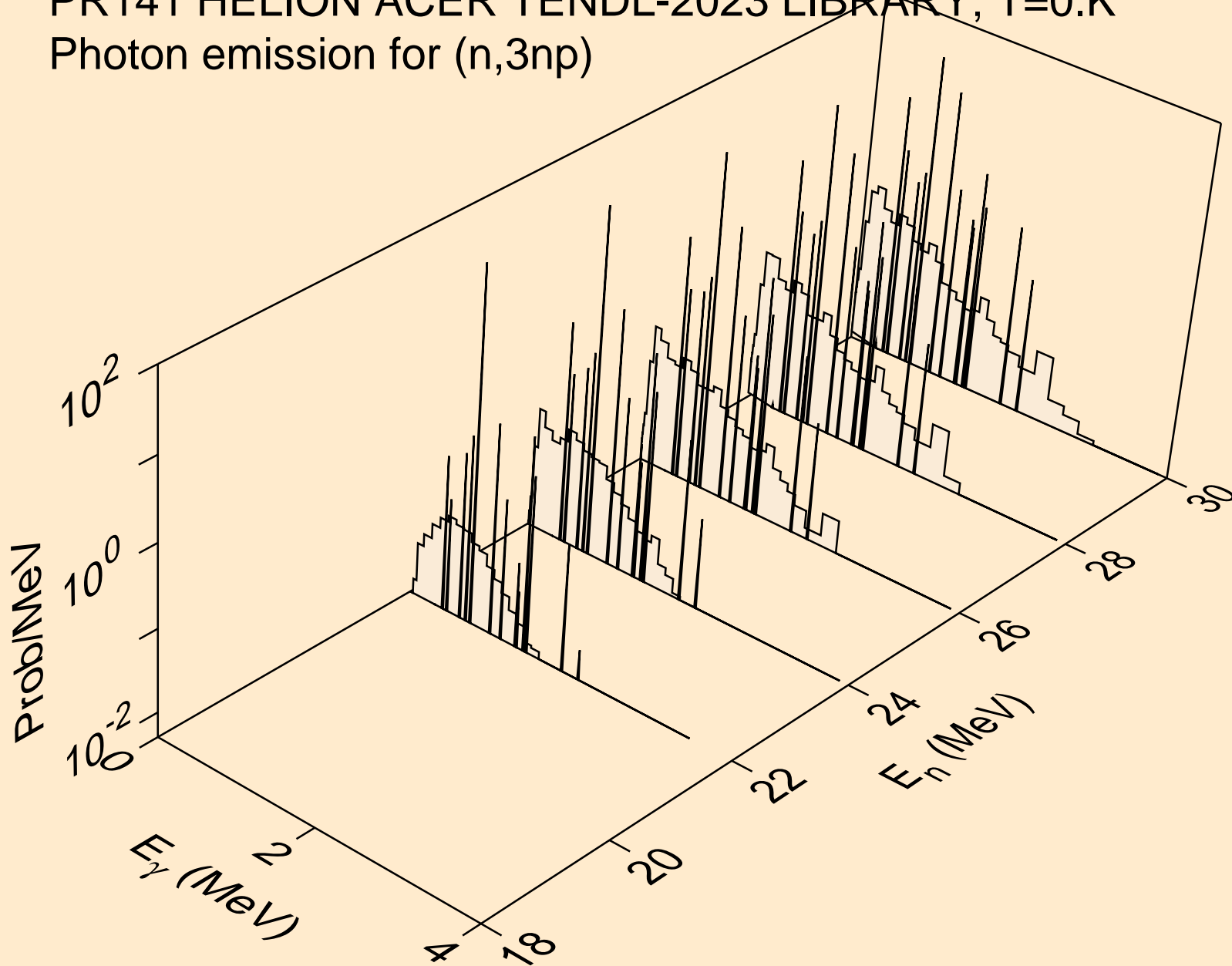


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Photon emission for (n,2np)

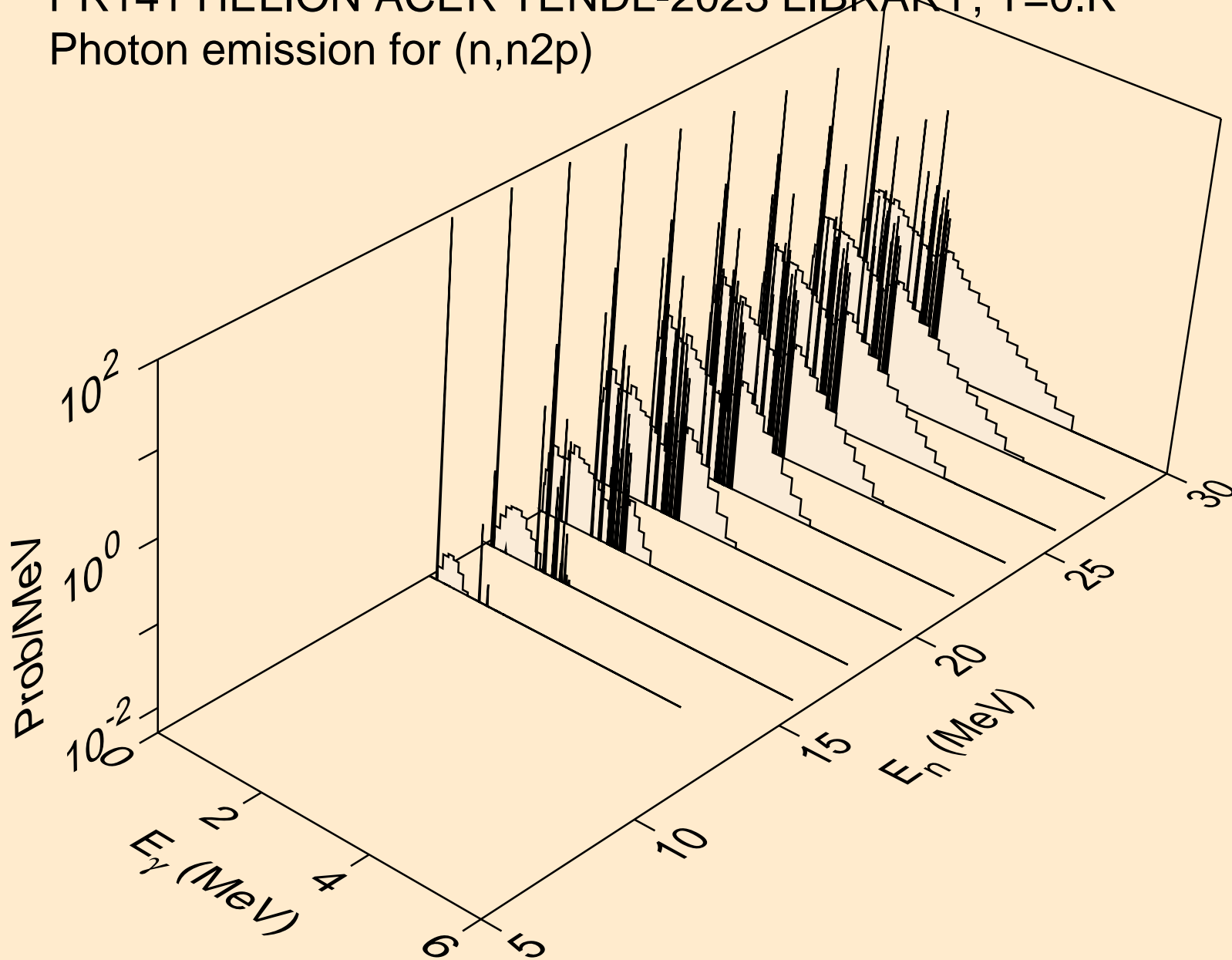




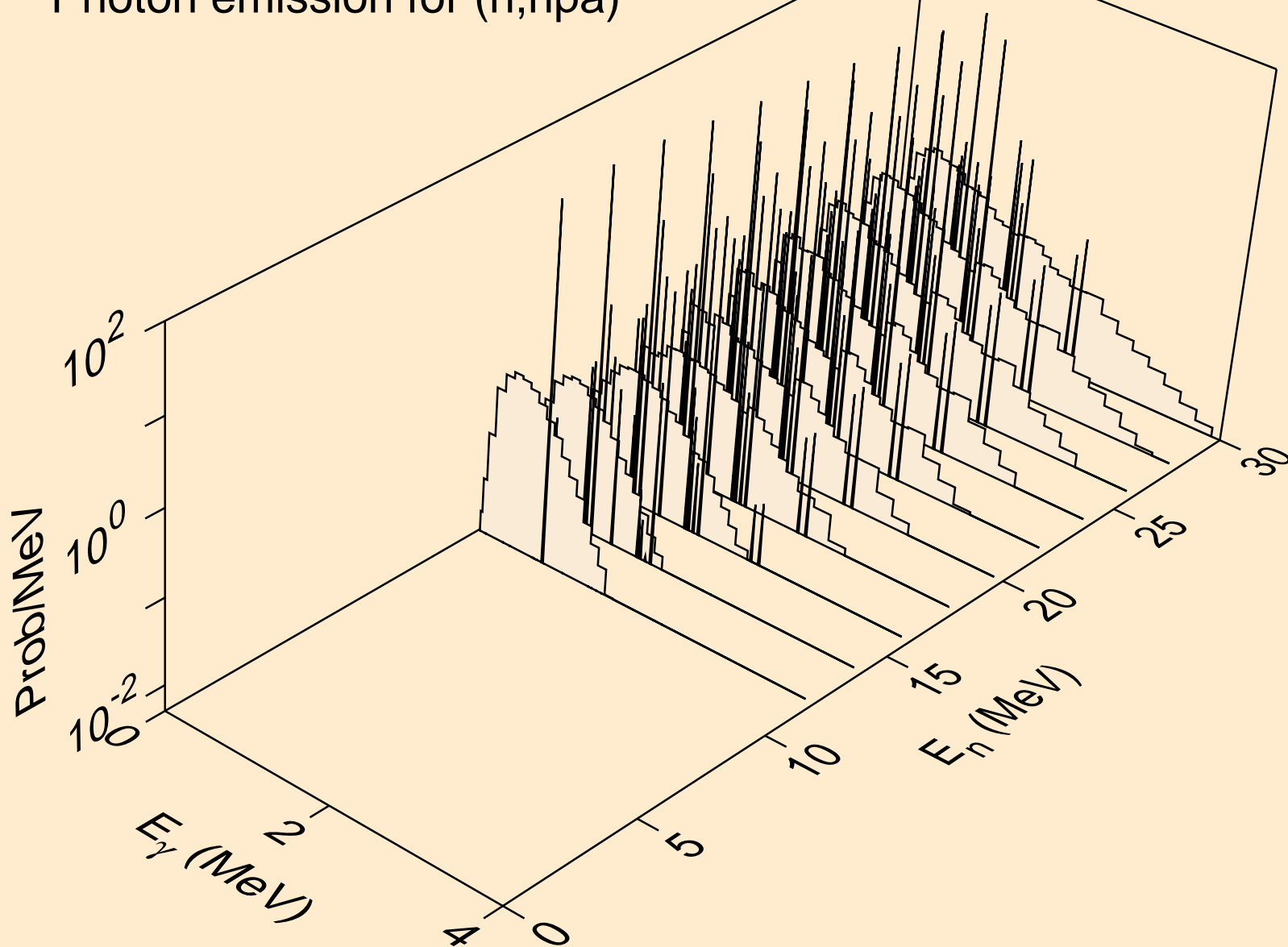
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Photon emission for (n,3np)



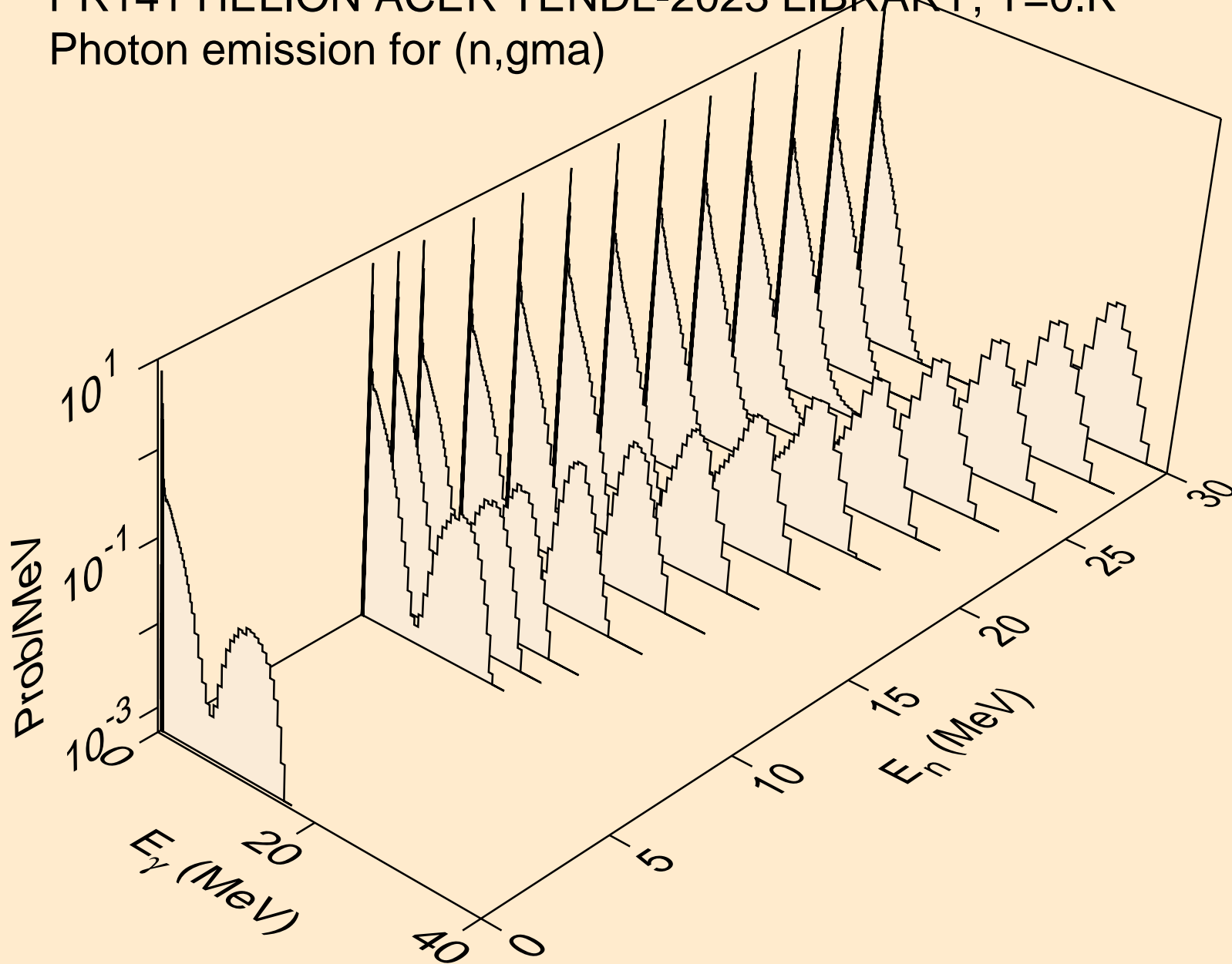
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Photon emission for (n,n2p)



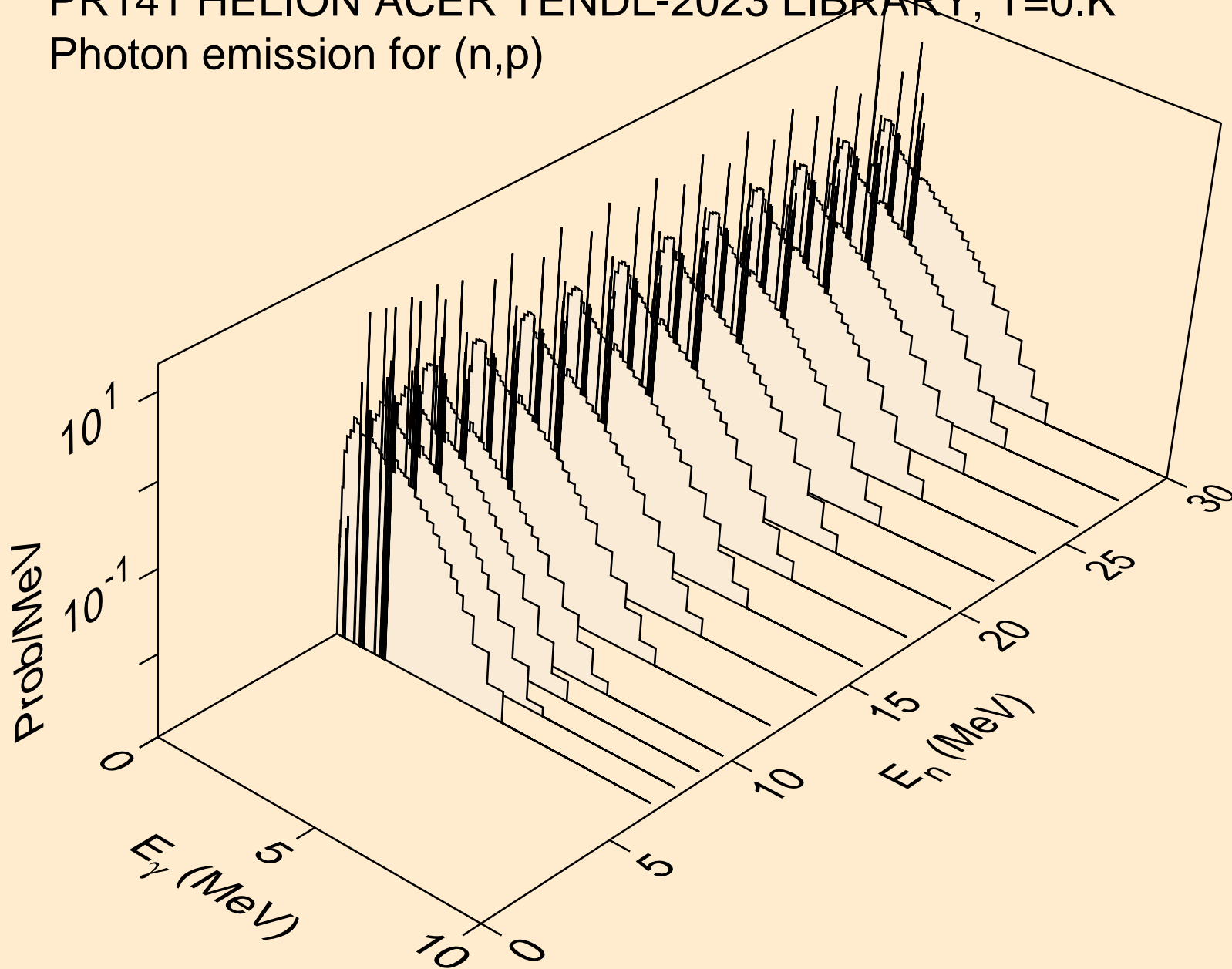
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Photon emission for (n,npa)



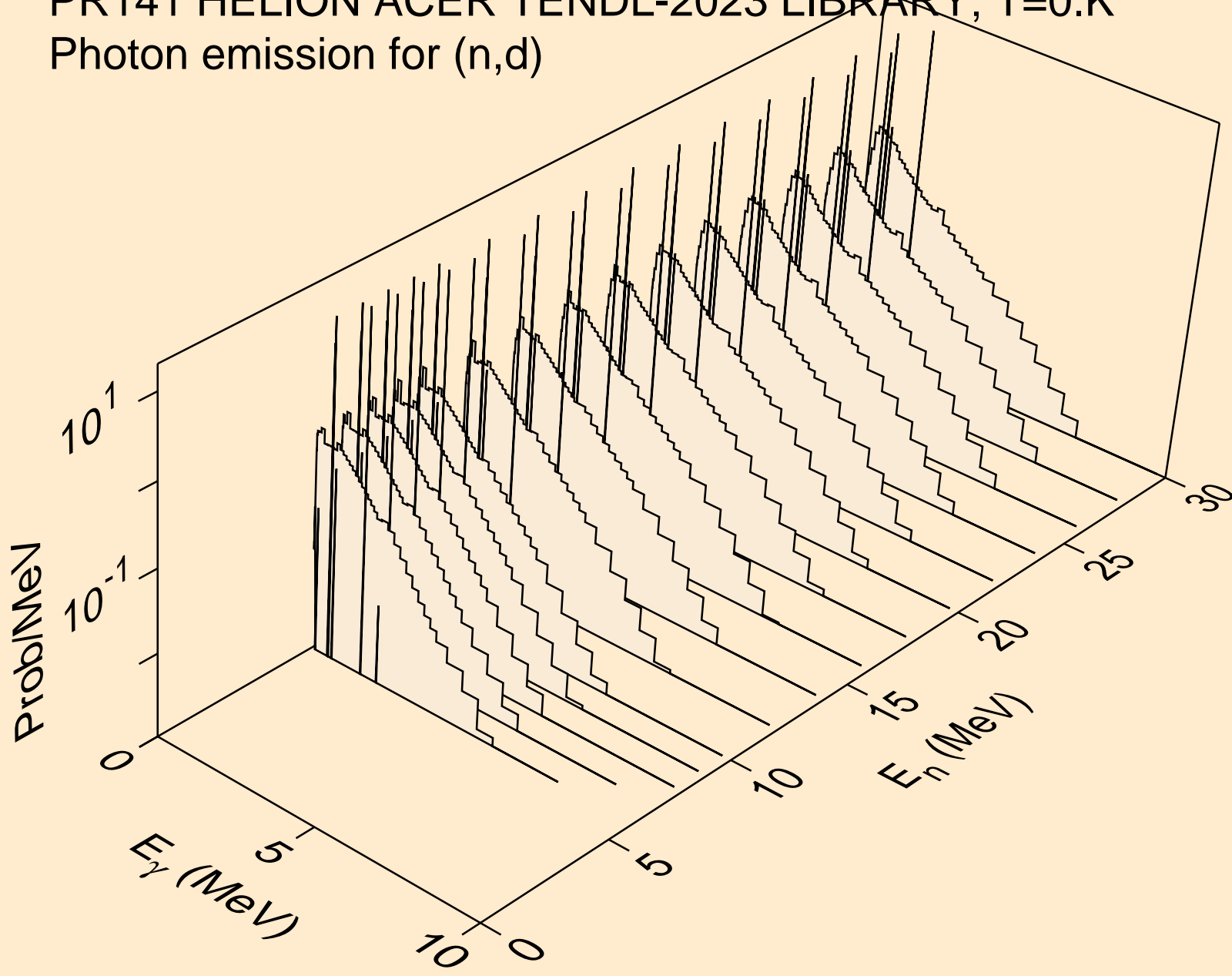
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Photon emission for (n,gma)



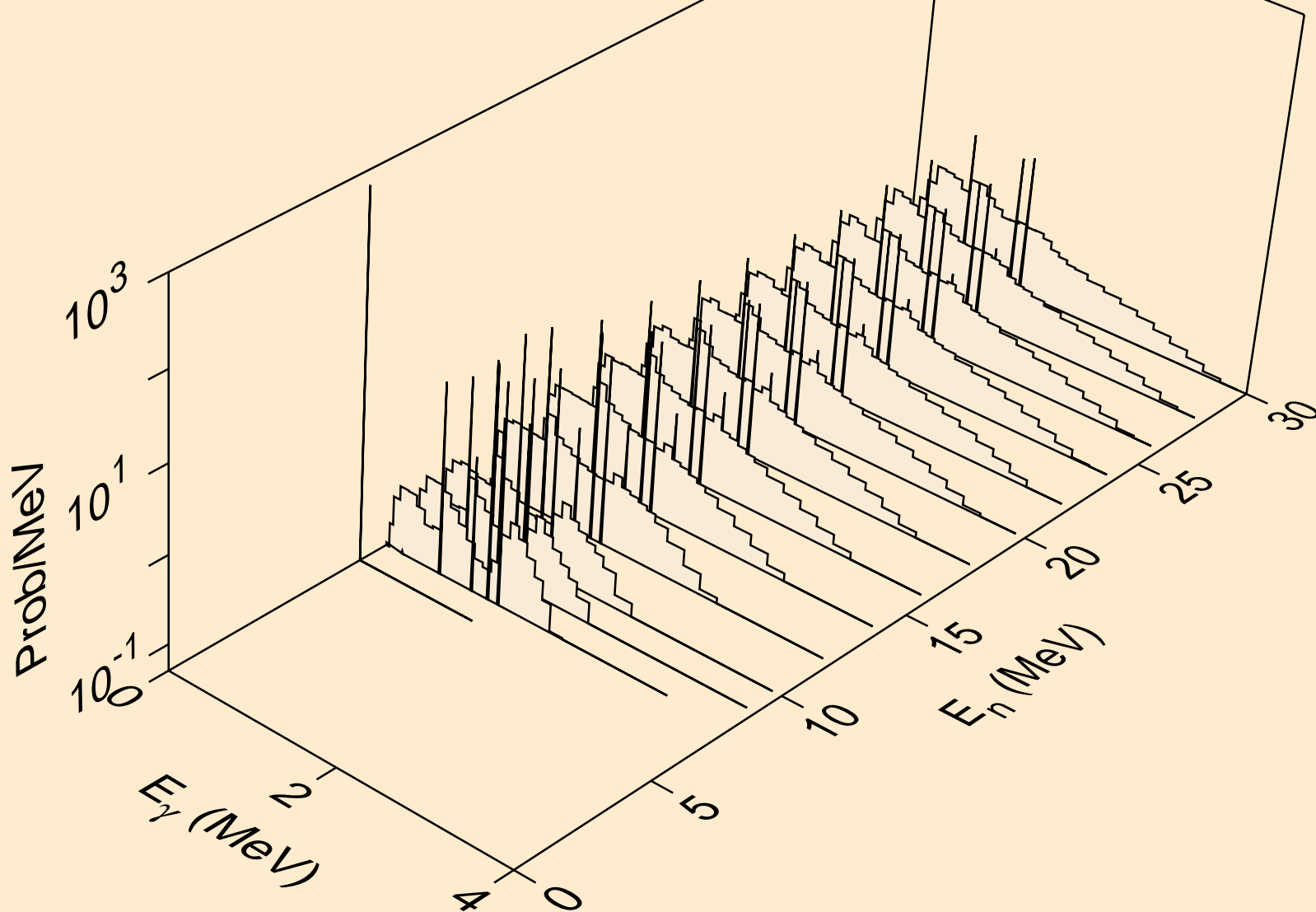
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Photon emission for (n,p)



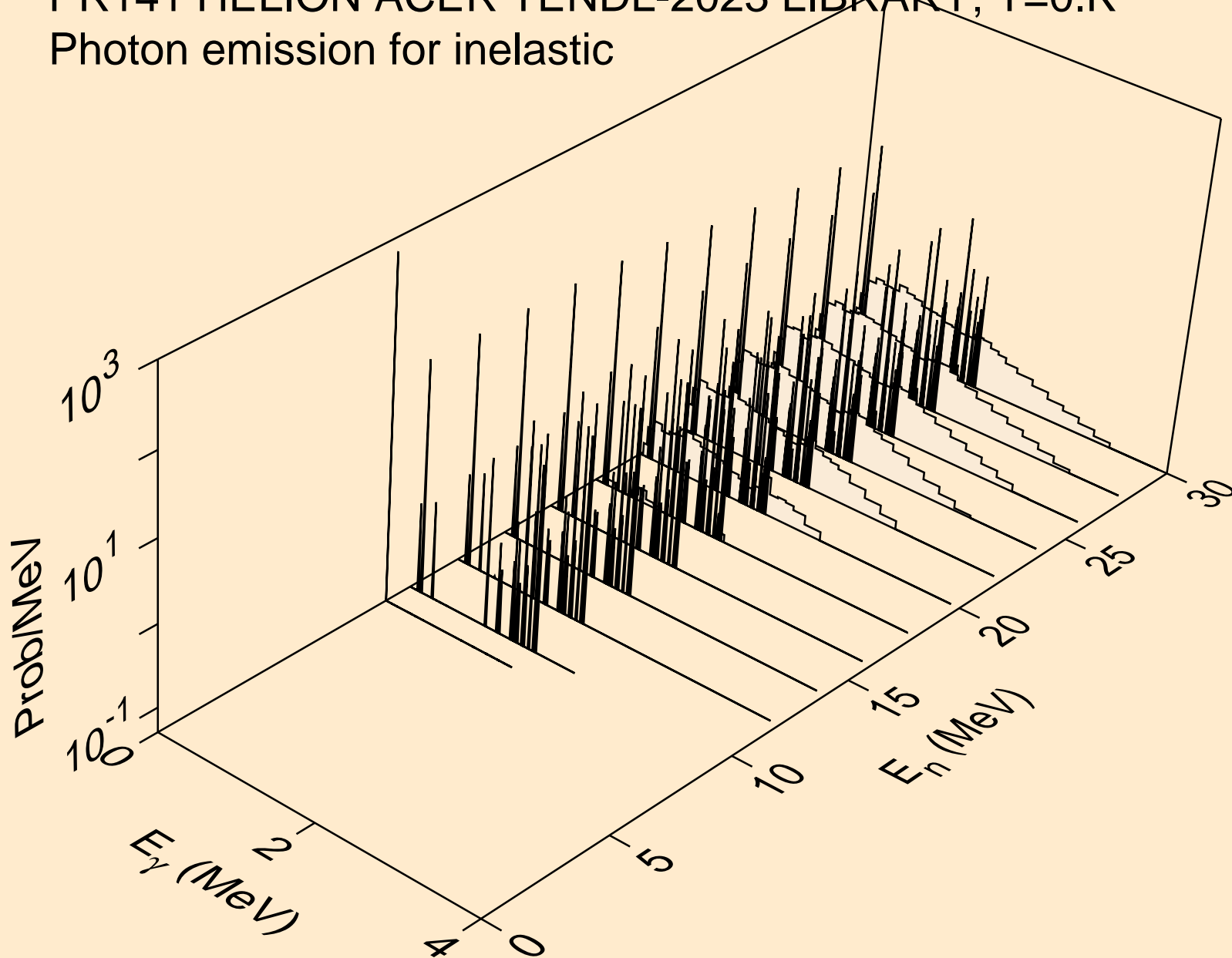
PR141 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



PR141 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)

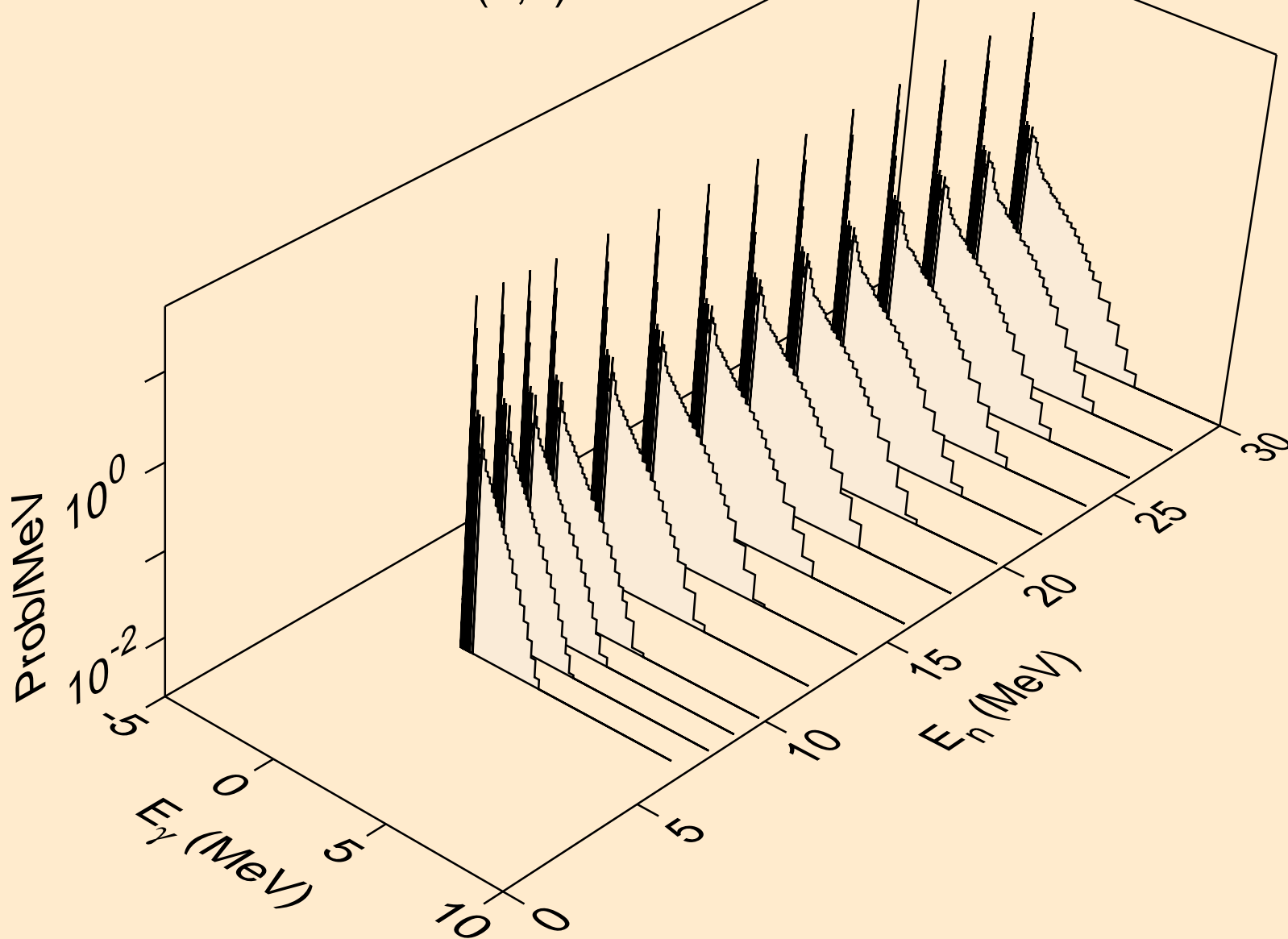


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Photon emission for inelastic

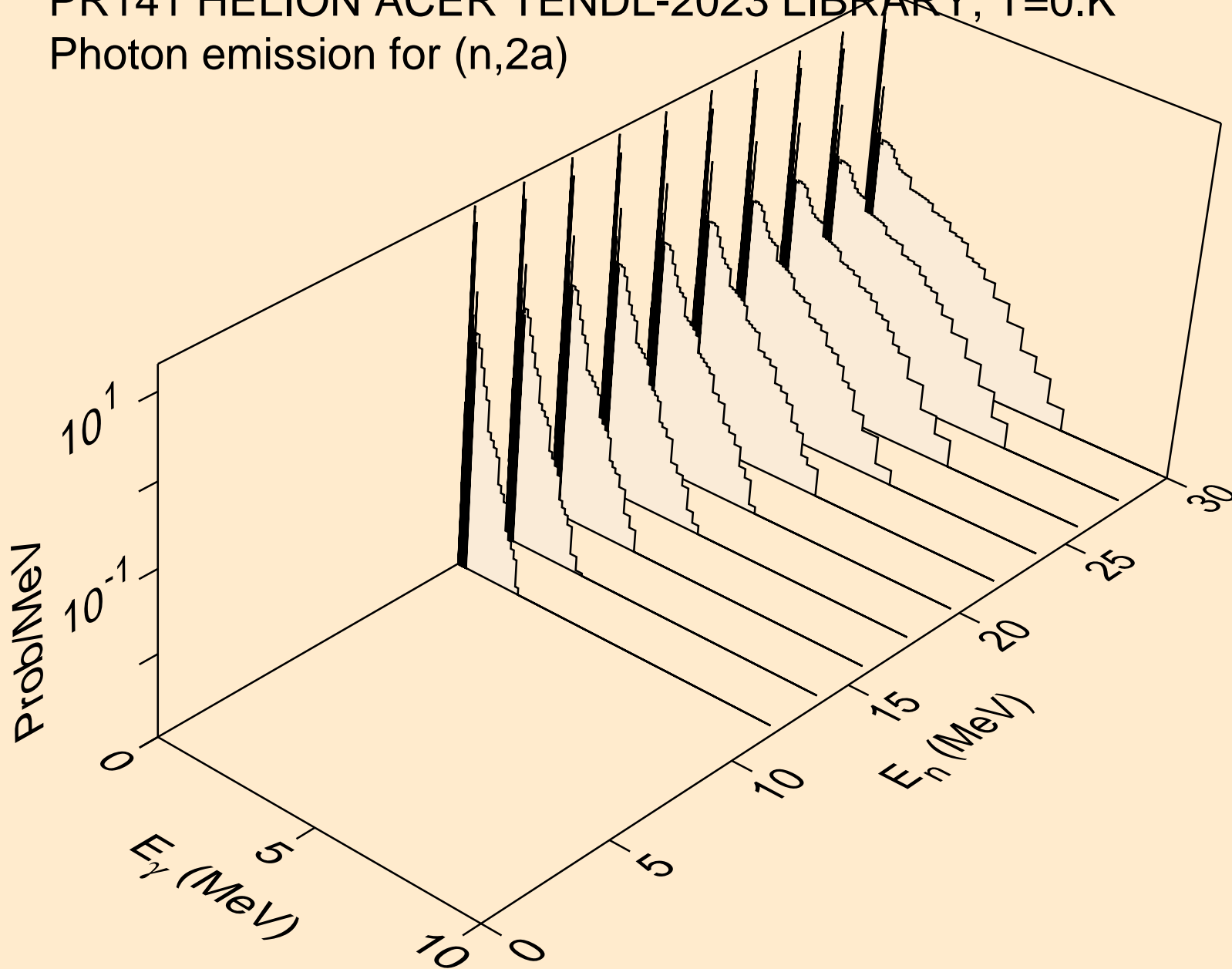




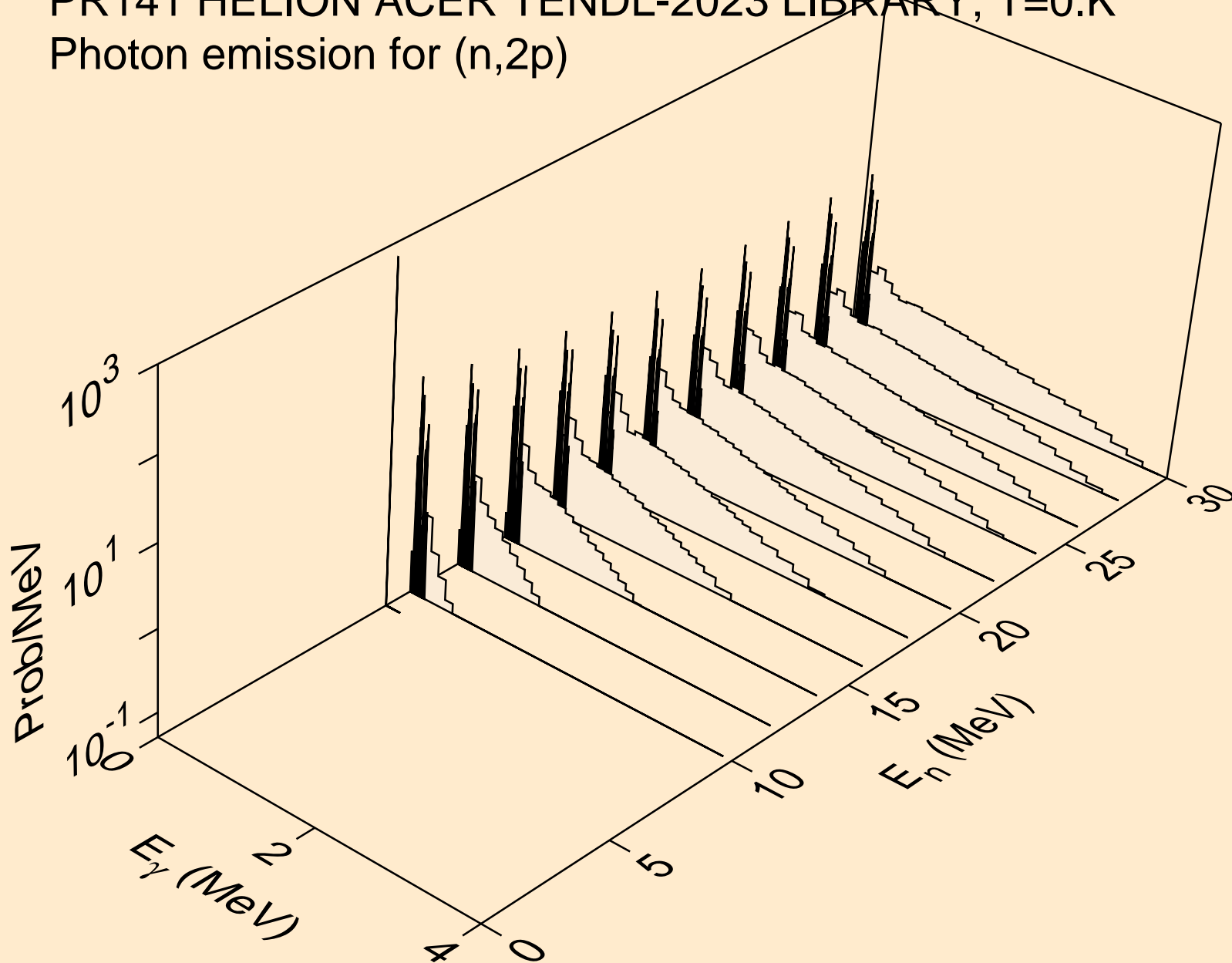
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Photon emission for (n,a)



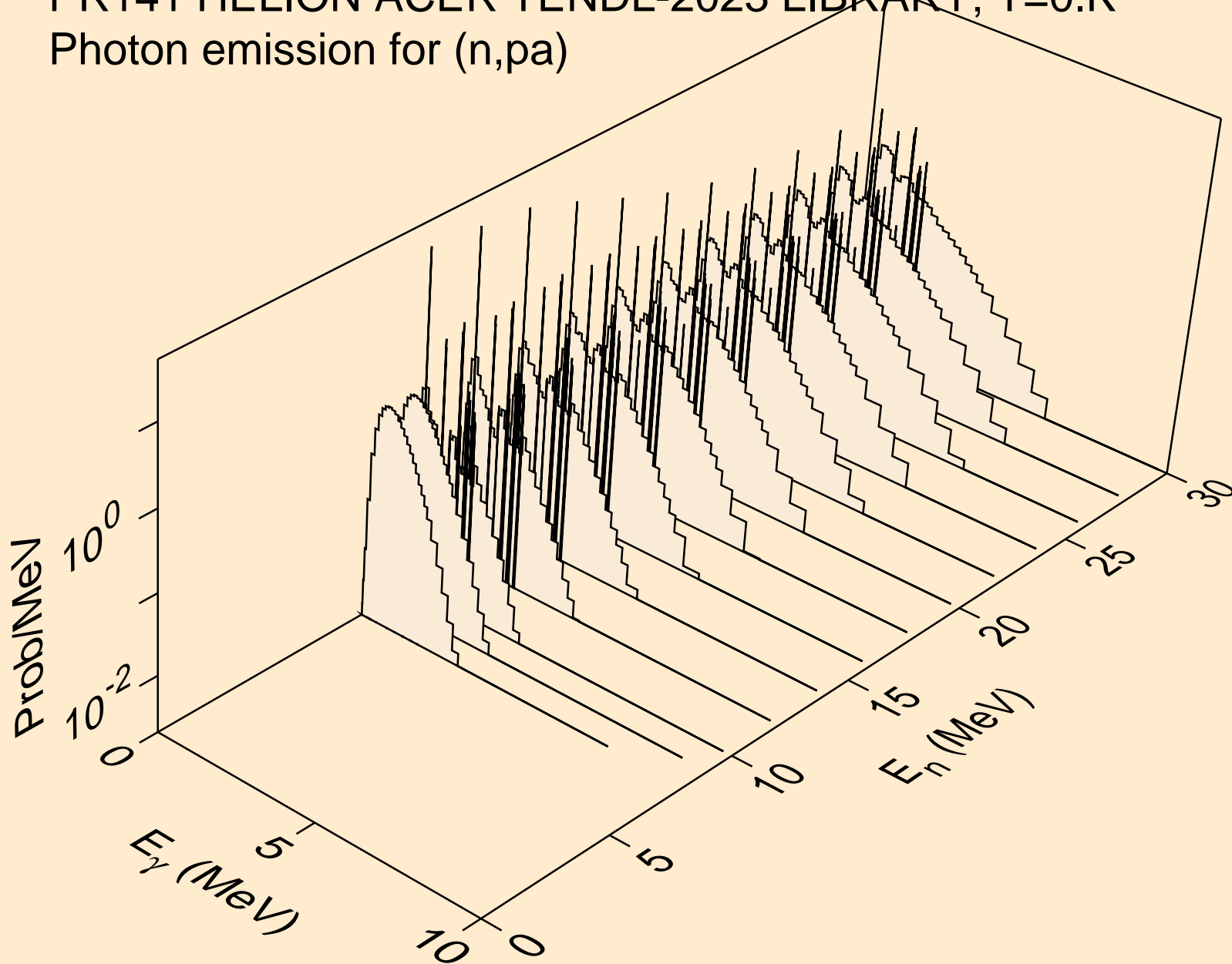
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Photon emission for (n,2a)



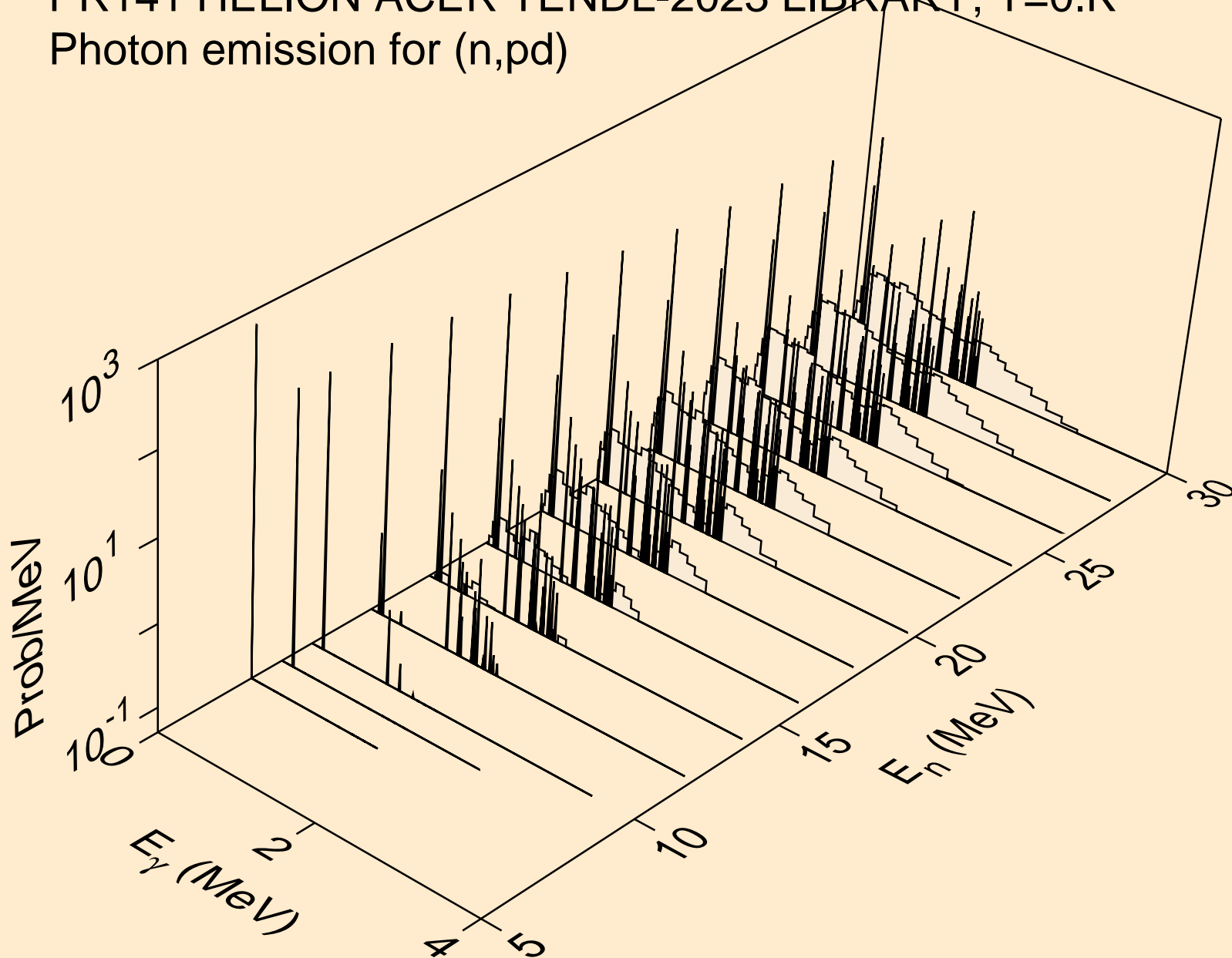
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Photon emission for (n,2p)



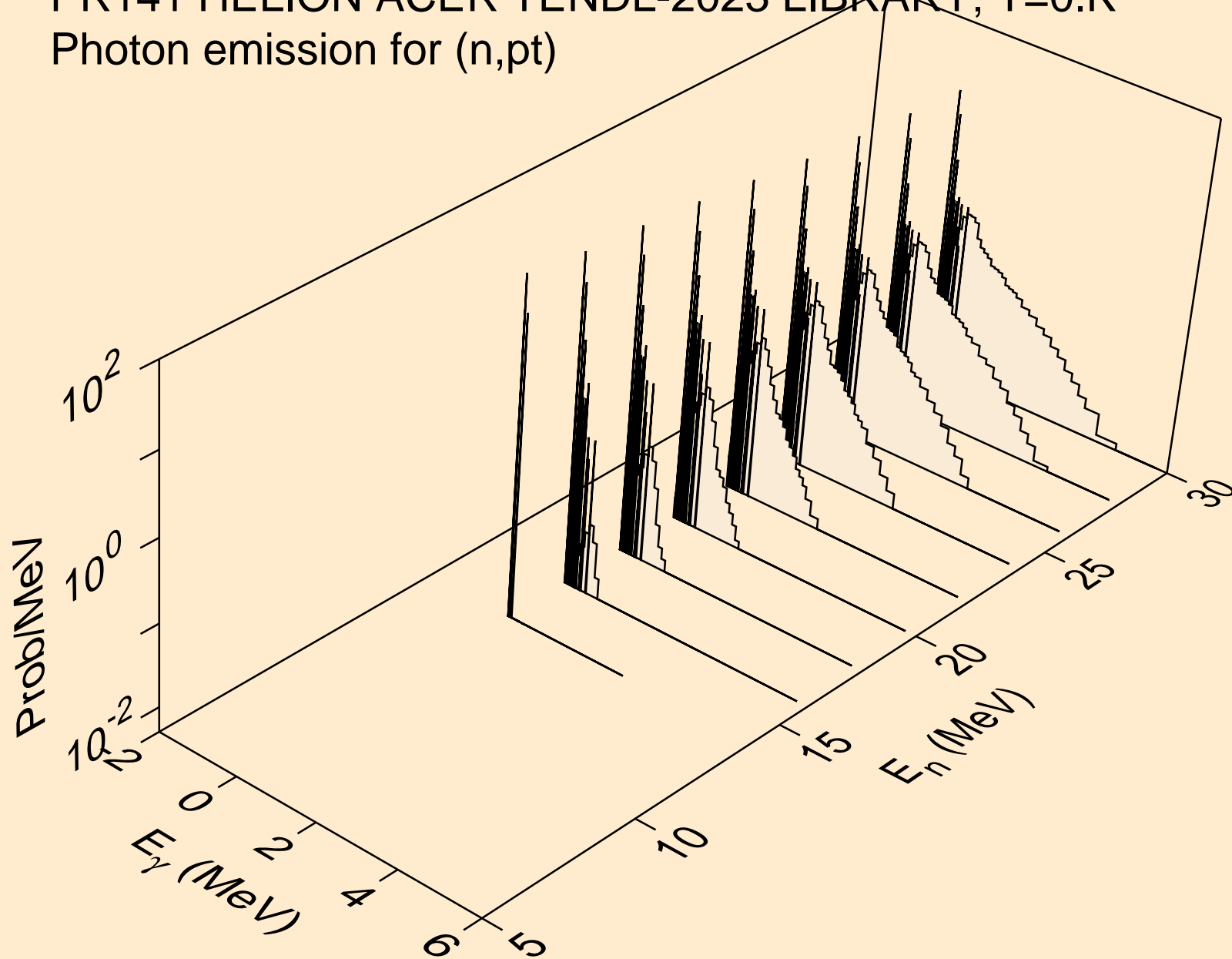
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Photon emission for (n,p $\alpha$ )



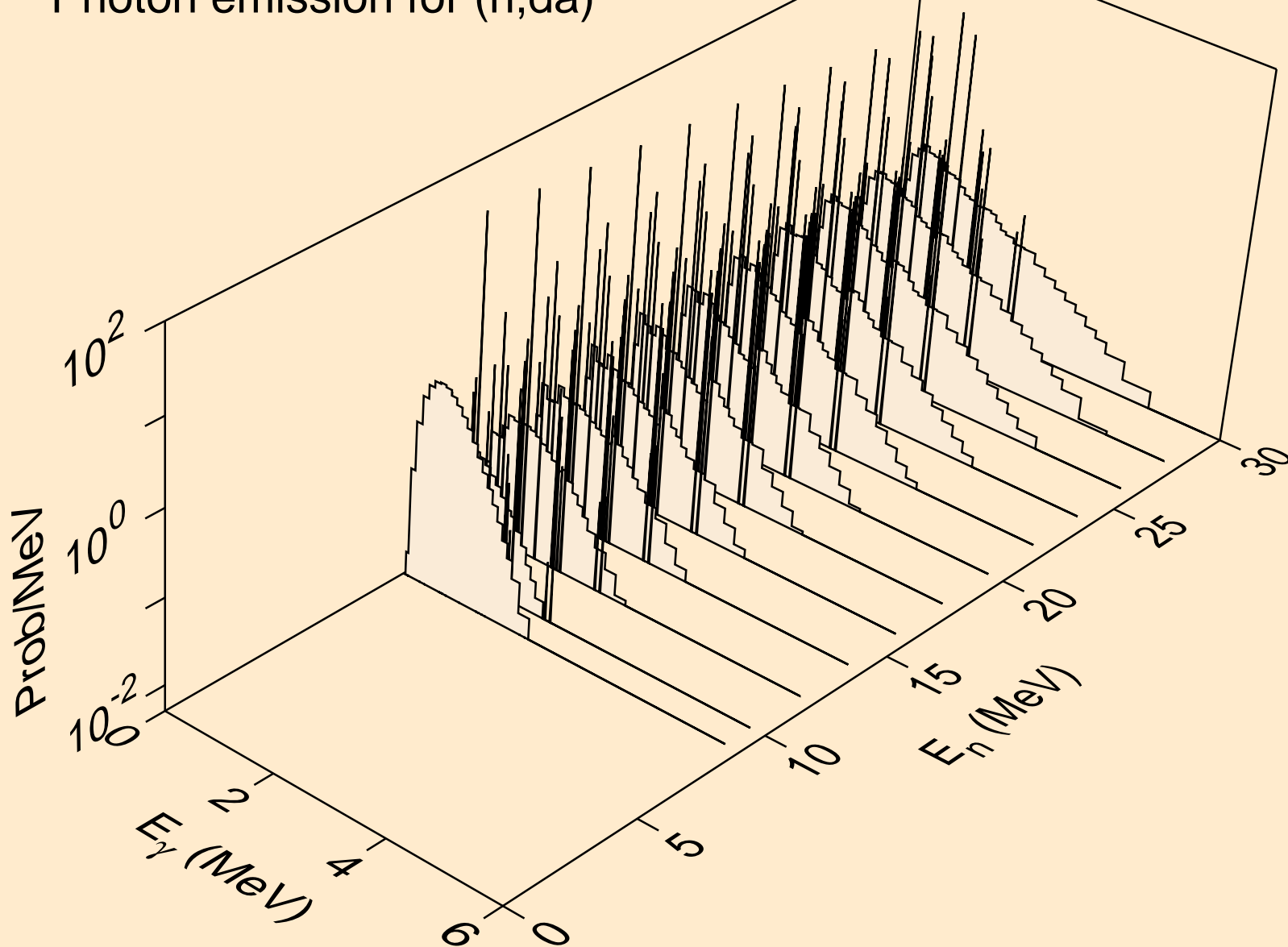
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Photon emission for (n,pd)



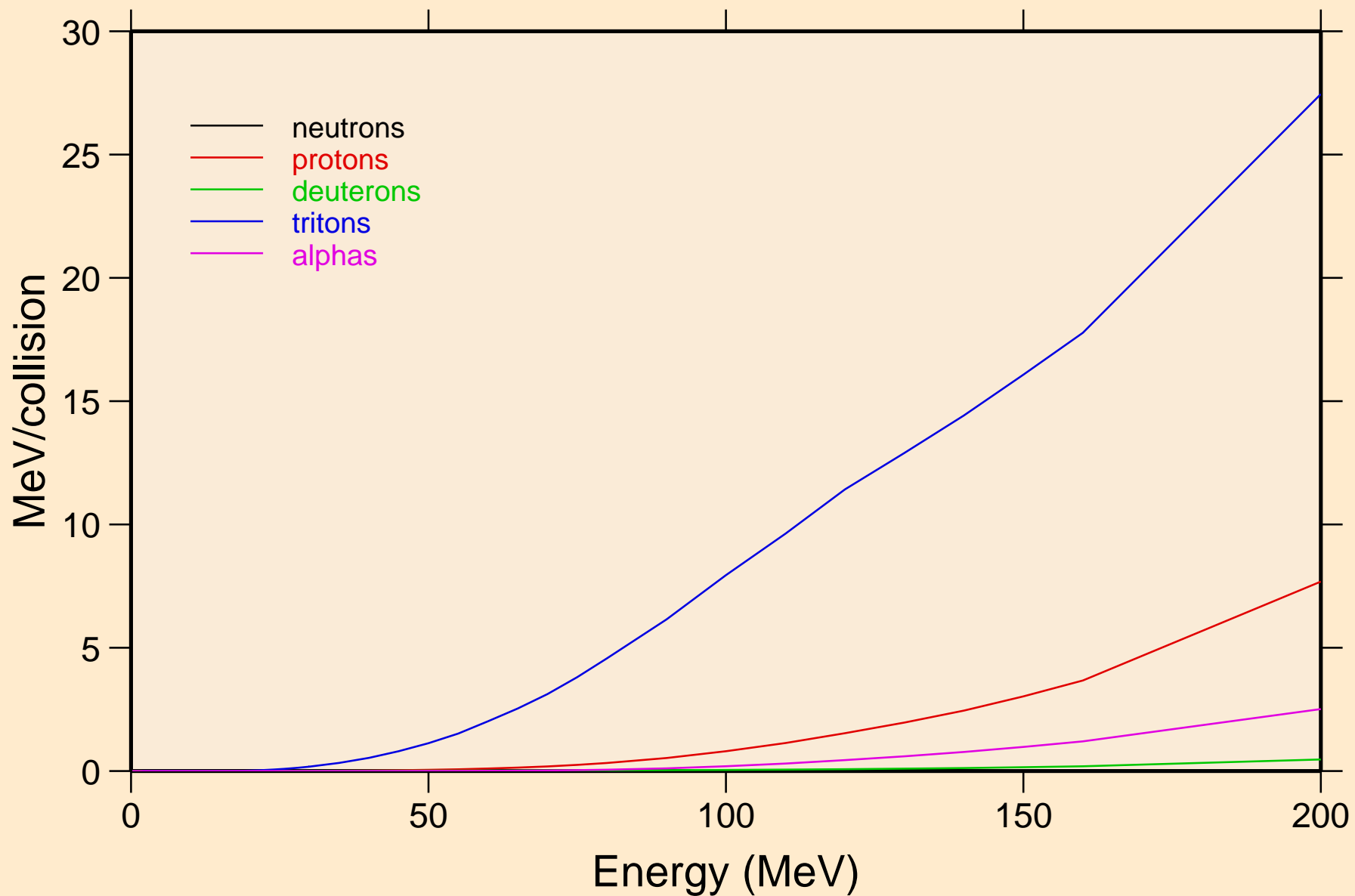
PR141 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



PR141 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)

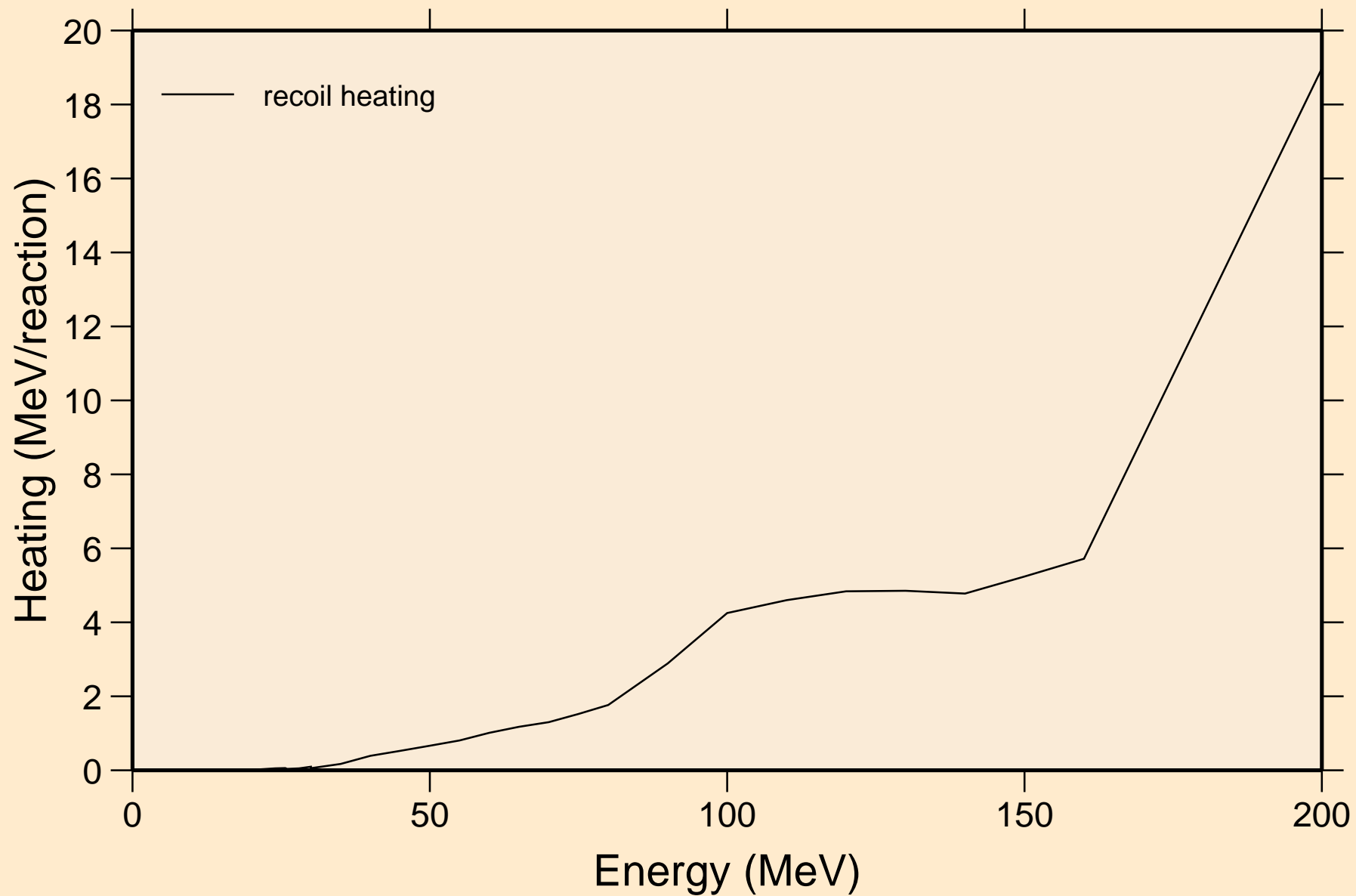


PR141 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



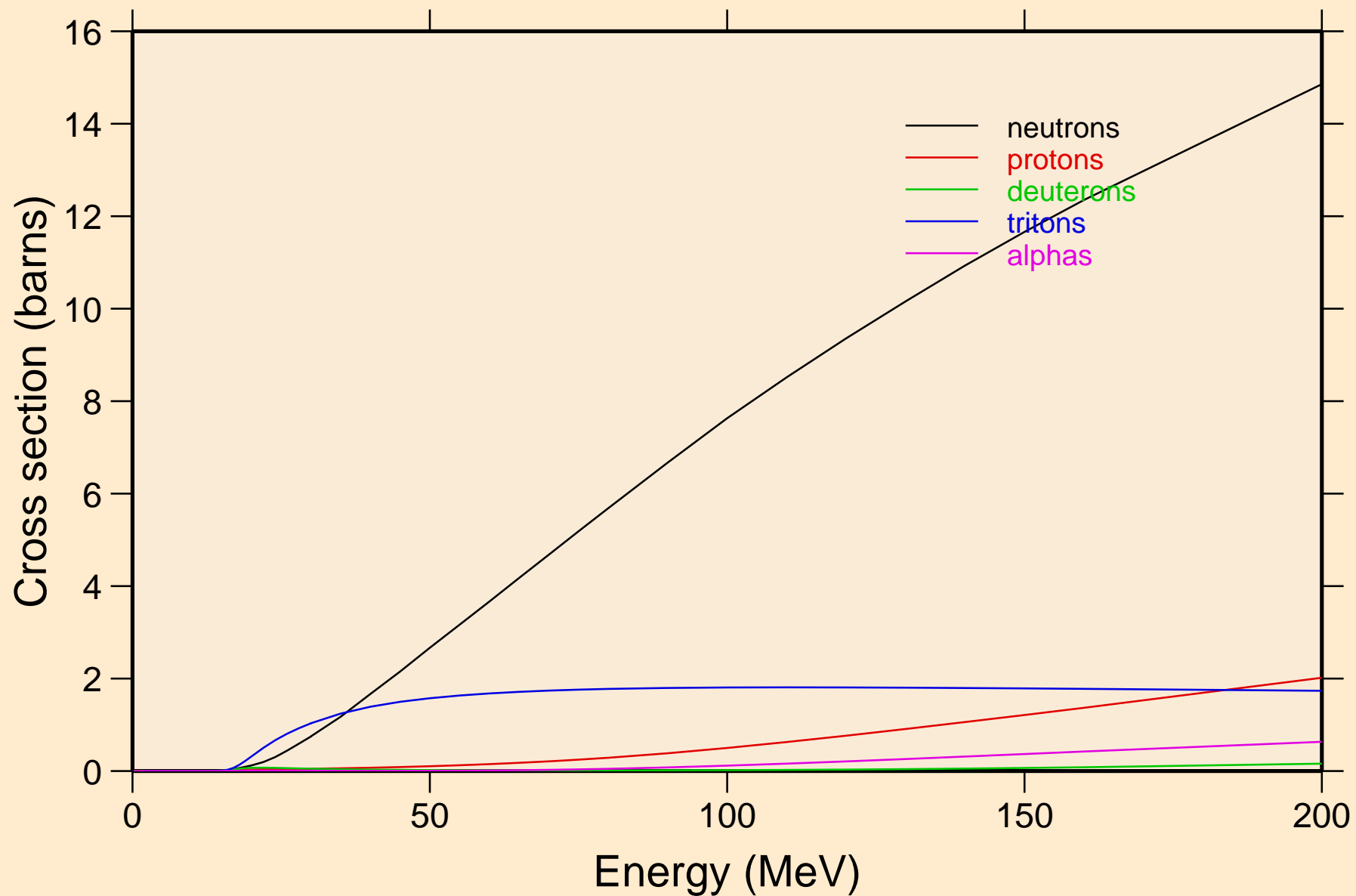


PR141 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

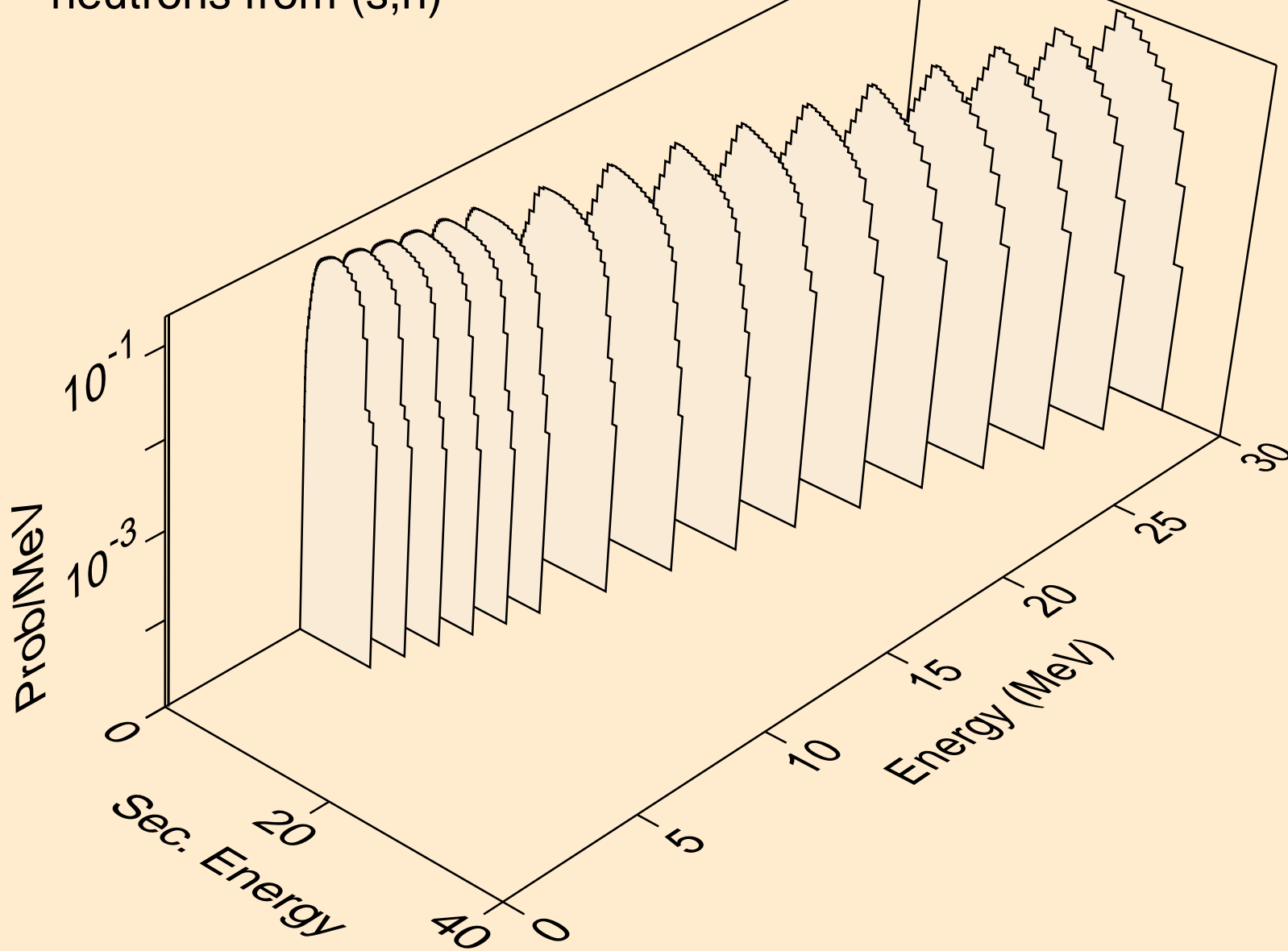


# PR141 HELION ACER TENDL-2023 LIBRARY; T=0.K

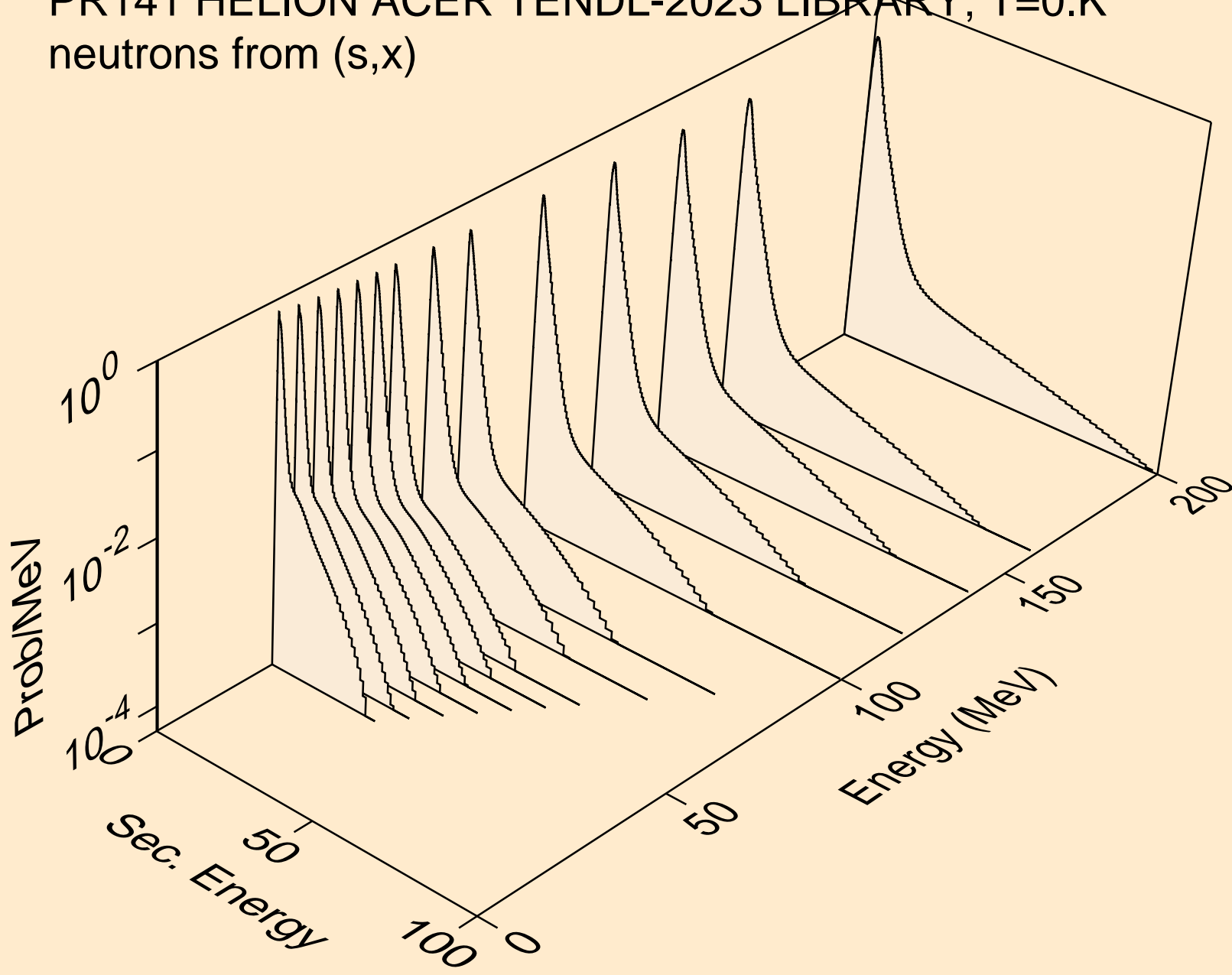
## Particle production cross sections



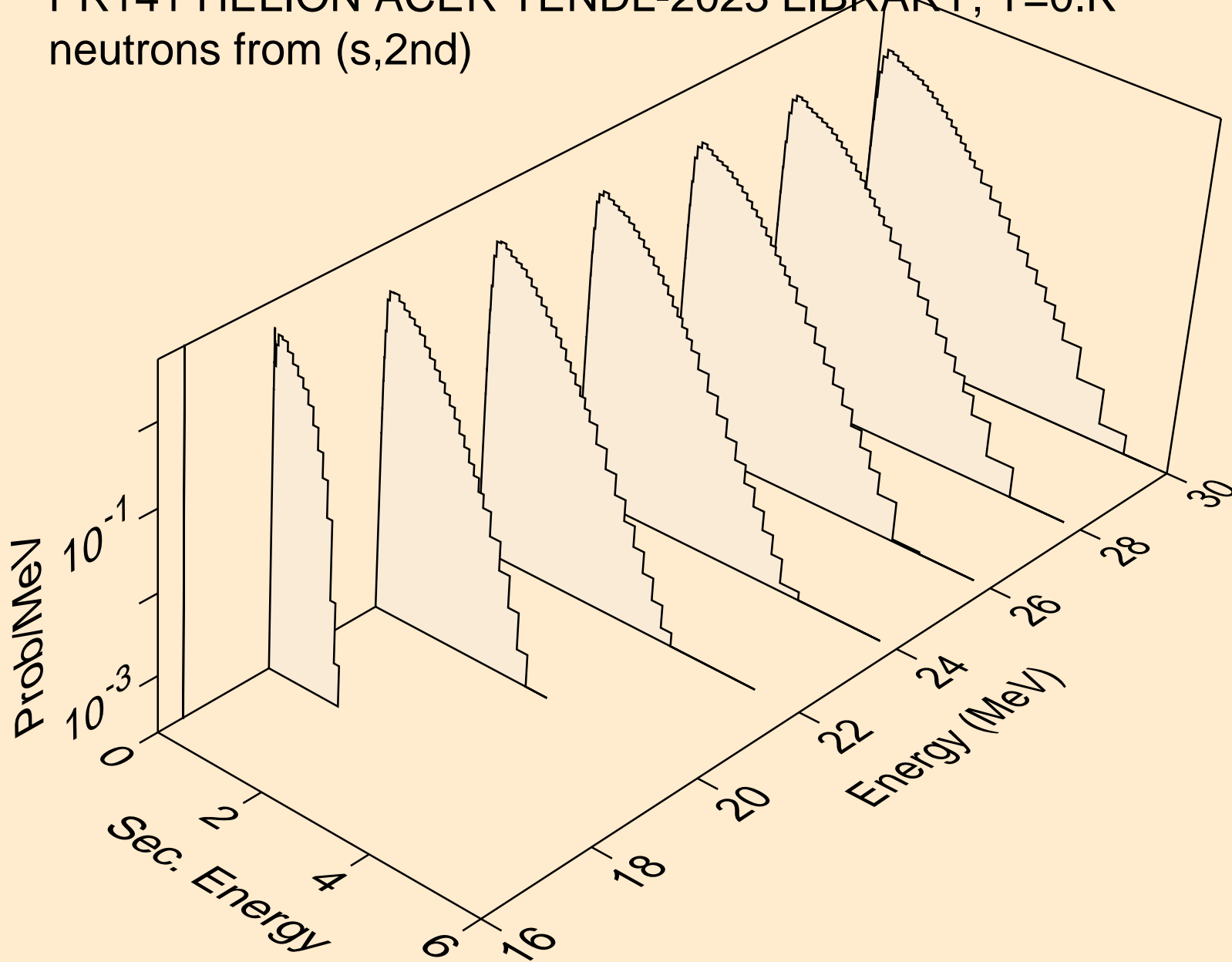
PR141 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n)



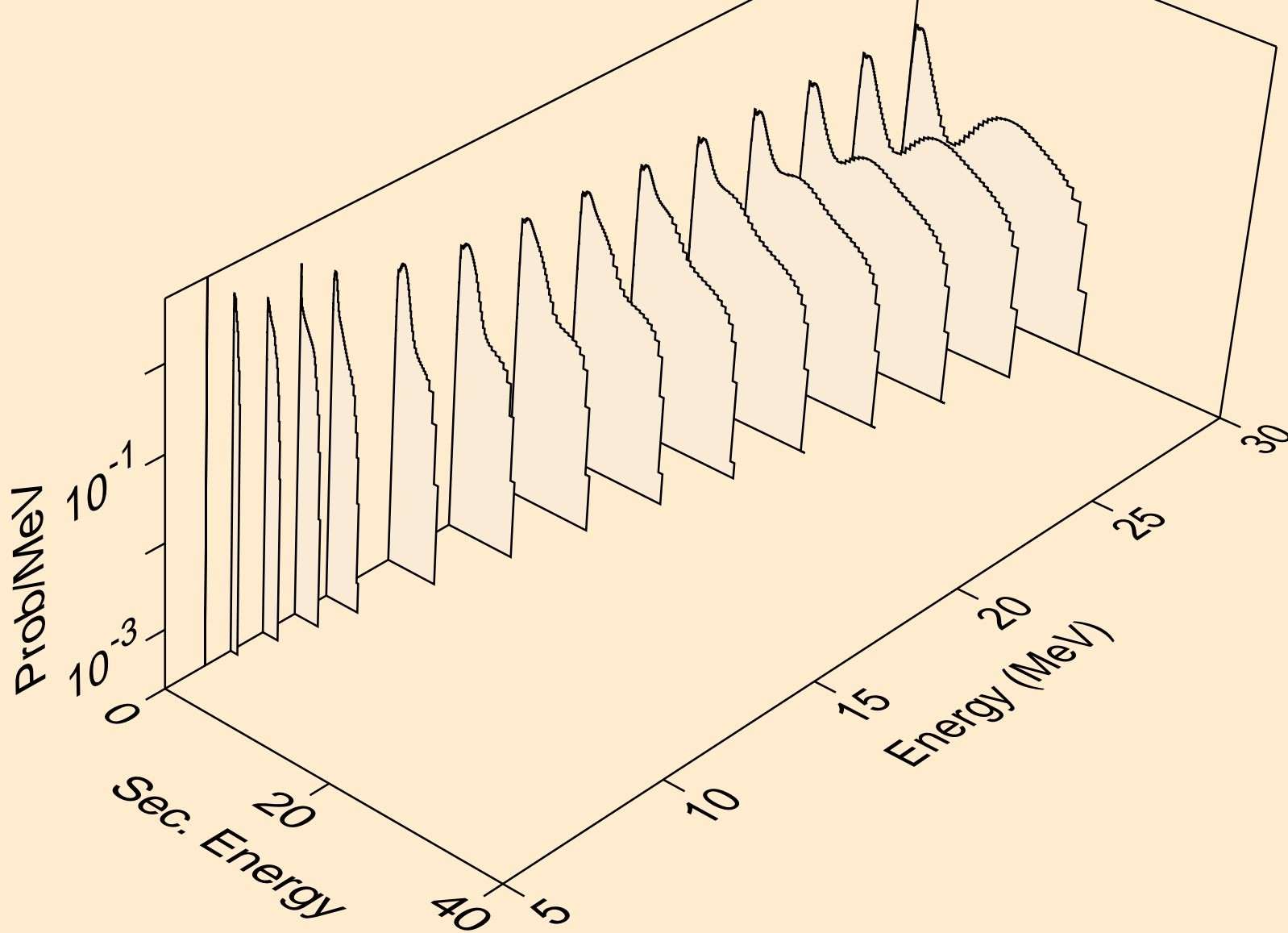
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neutrons from (s,x)



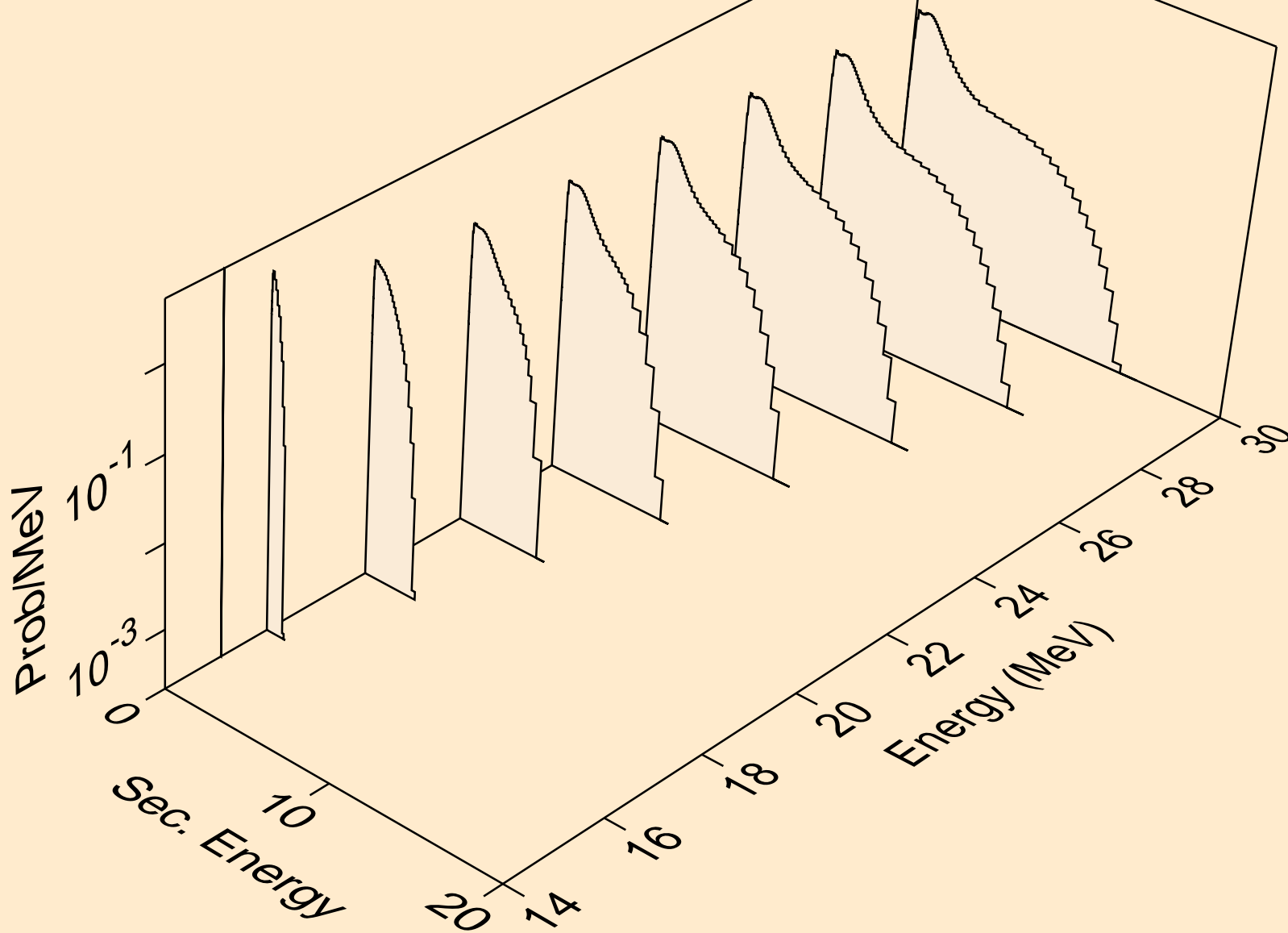
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neutrons from (s,2nd)



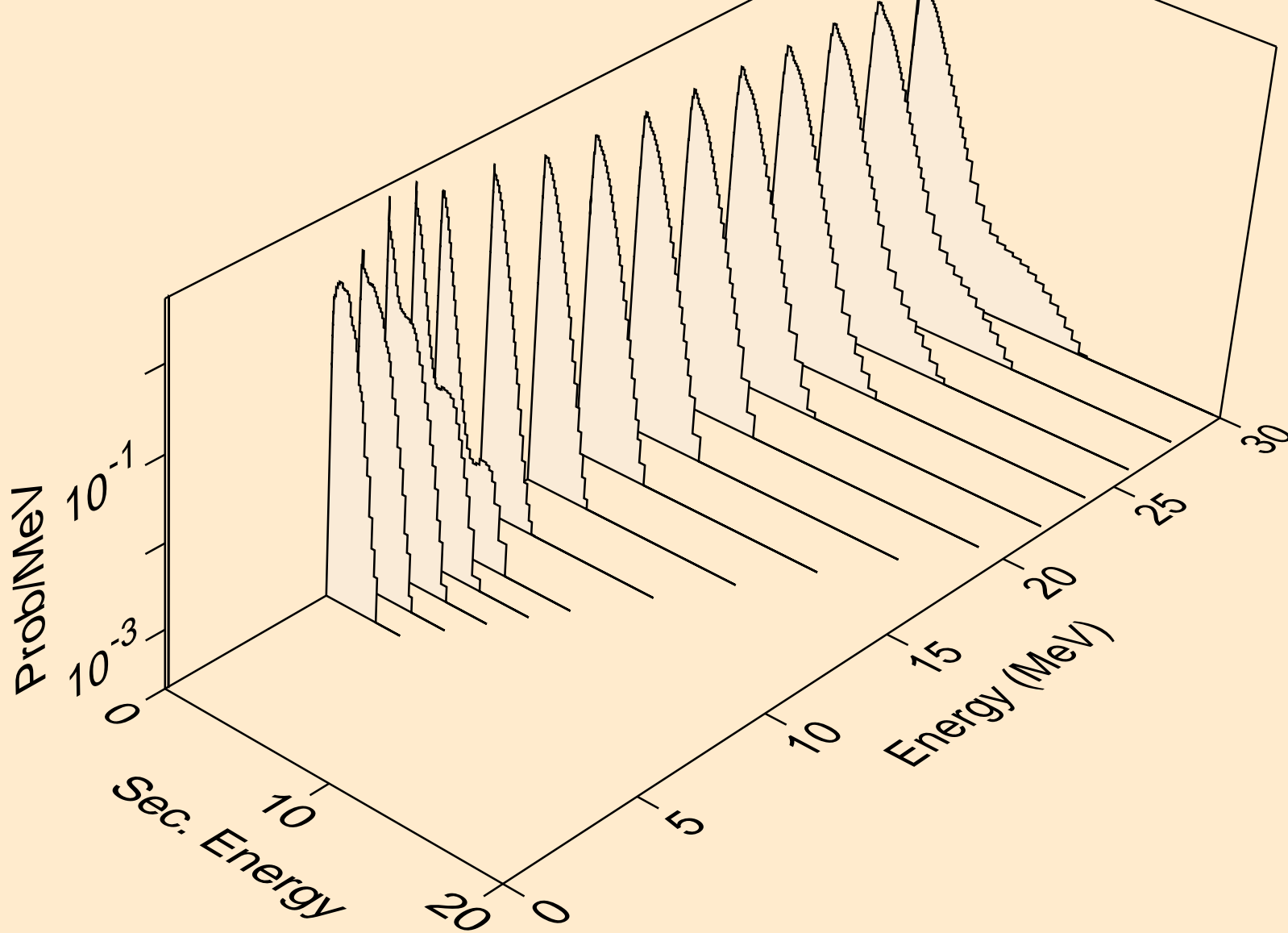
PR141 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)



PR141 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3n)

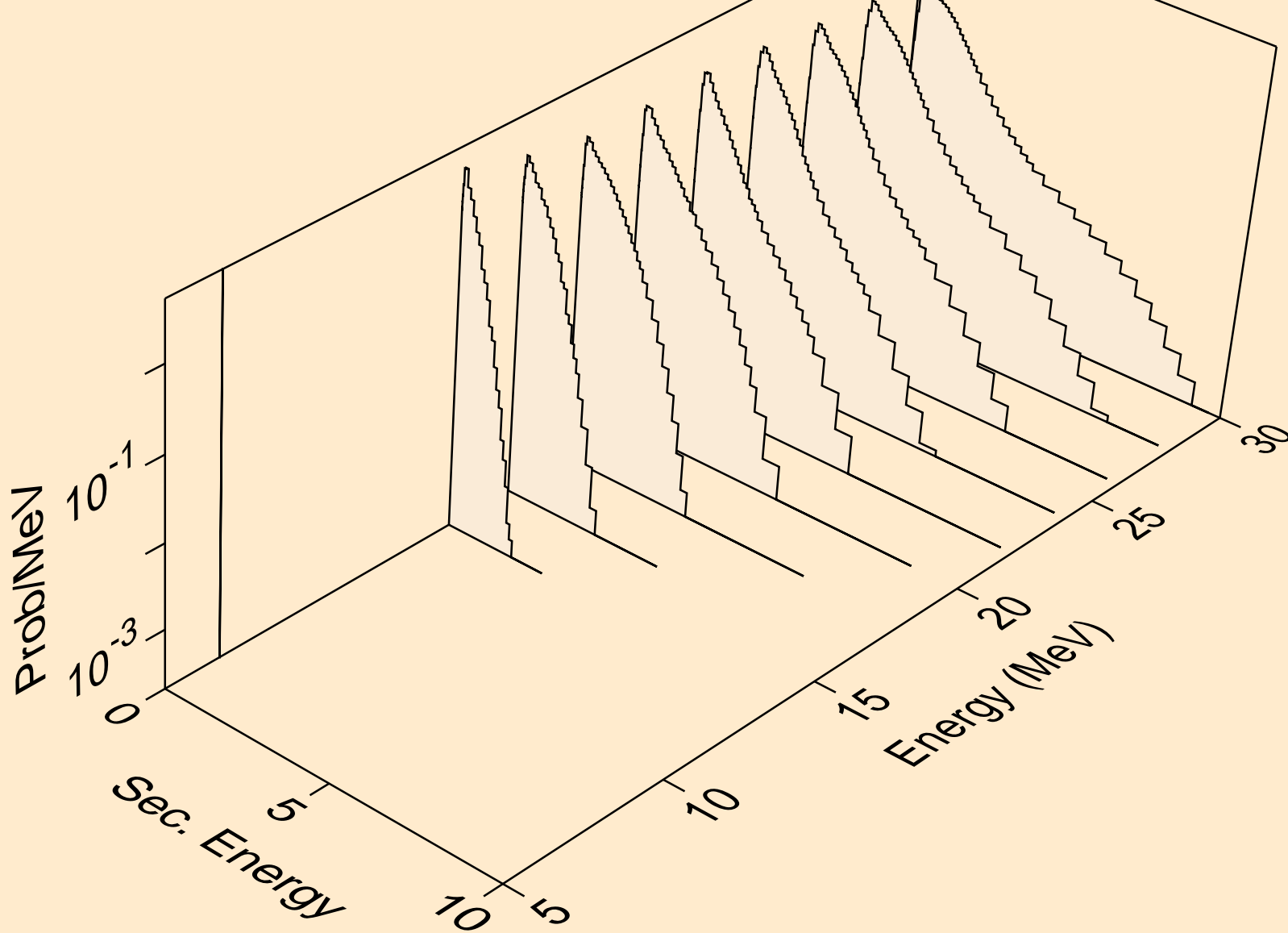


PR141 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)a

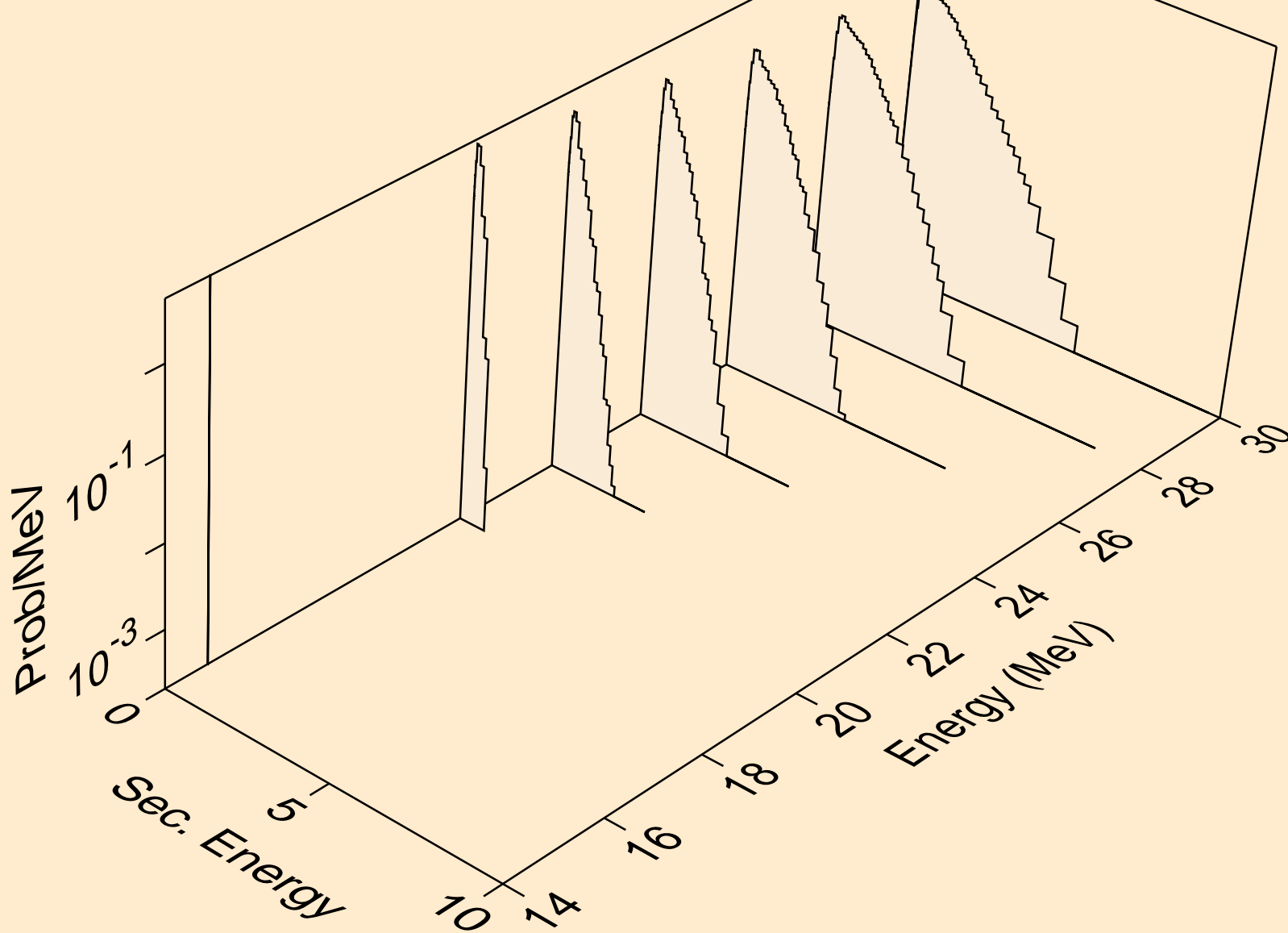




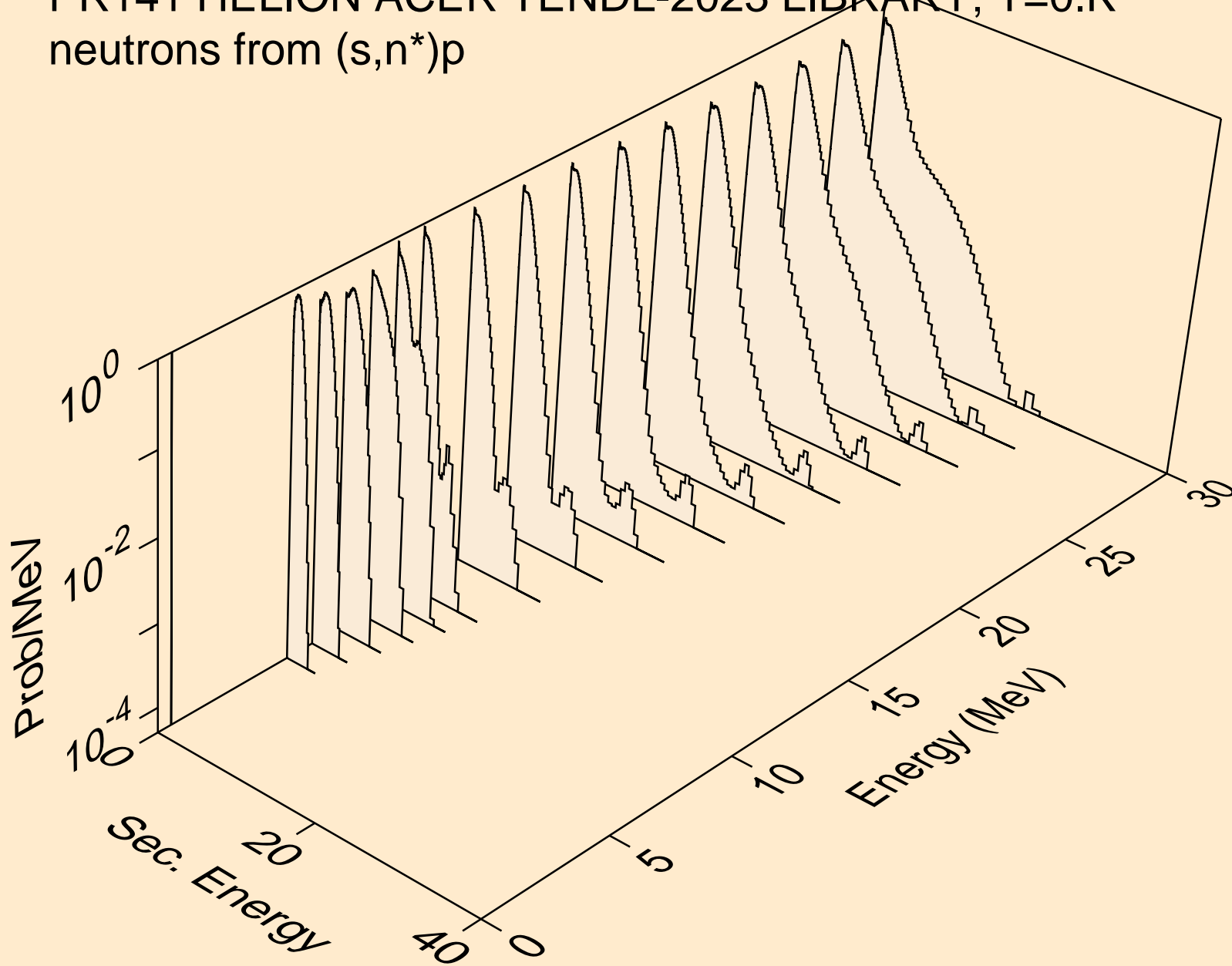
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neutrons from (s,2n)a



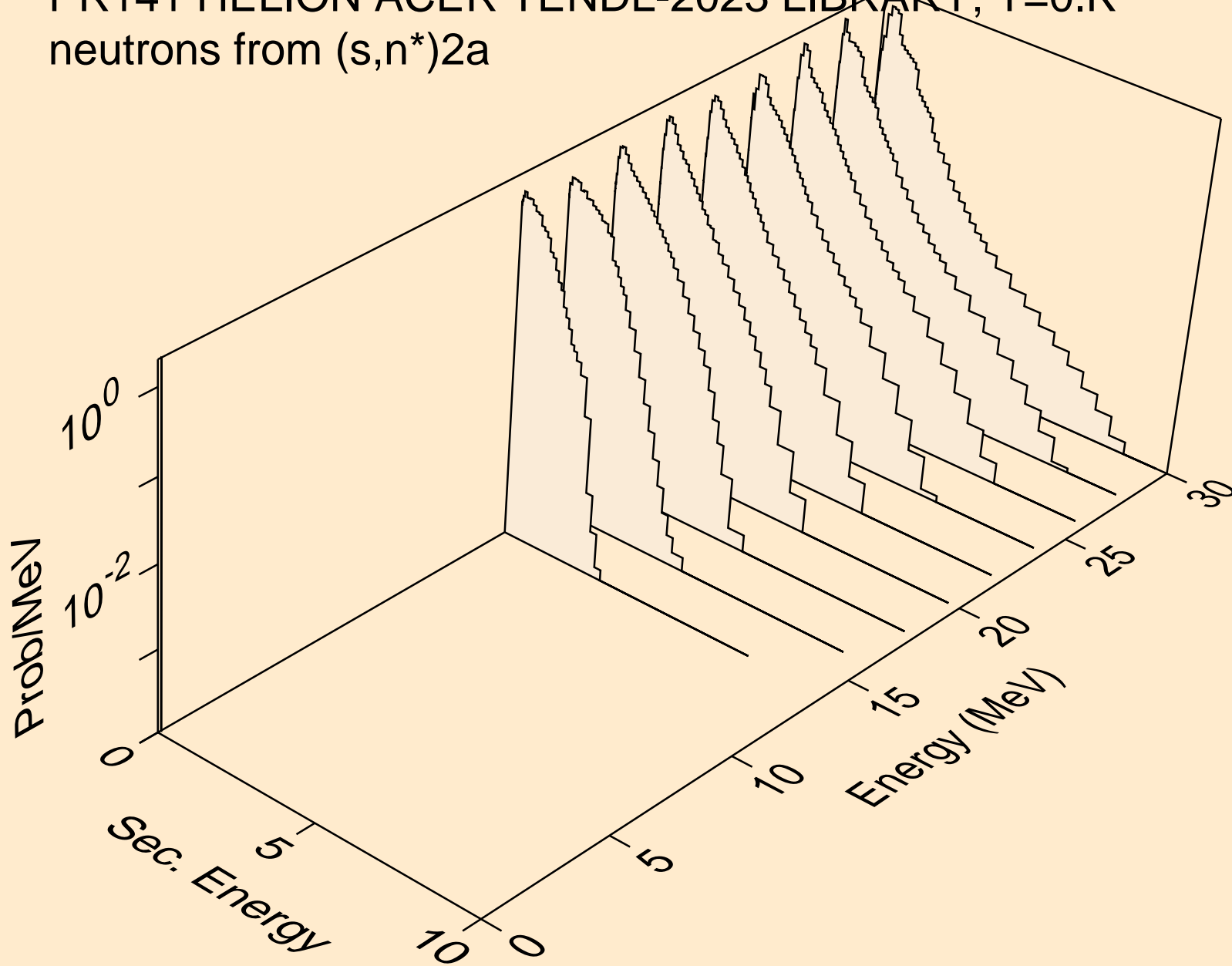
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neutrons from (s,3n)a



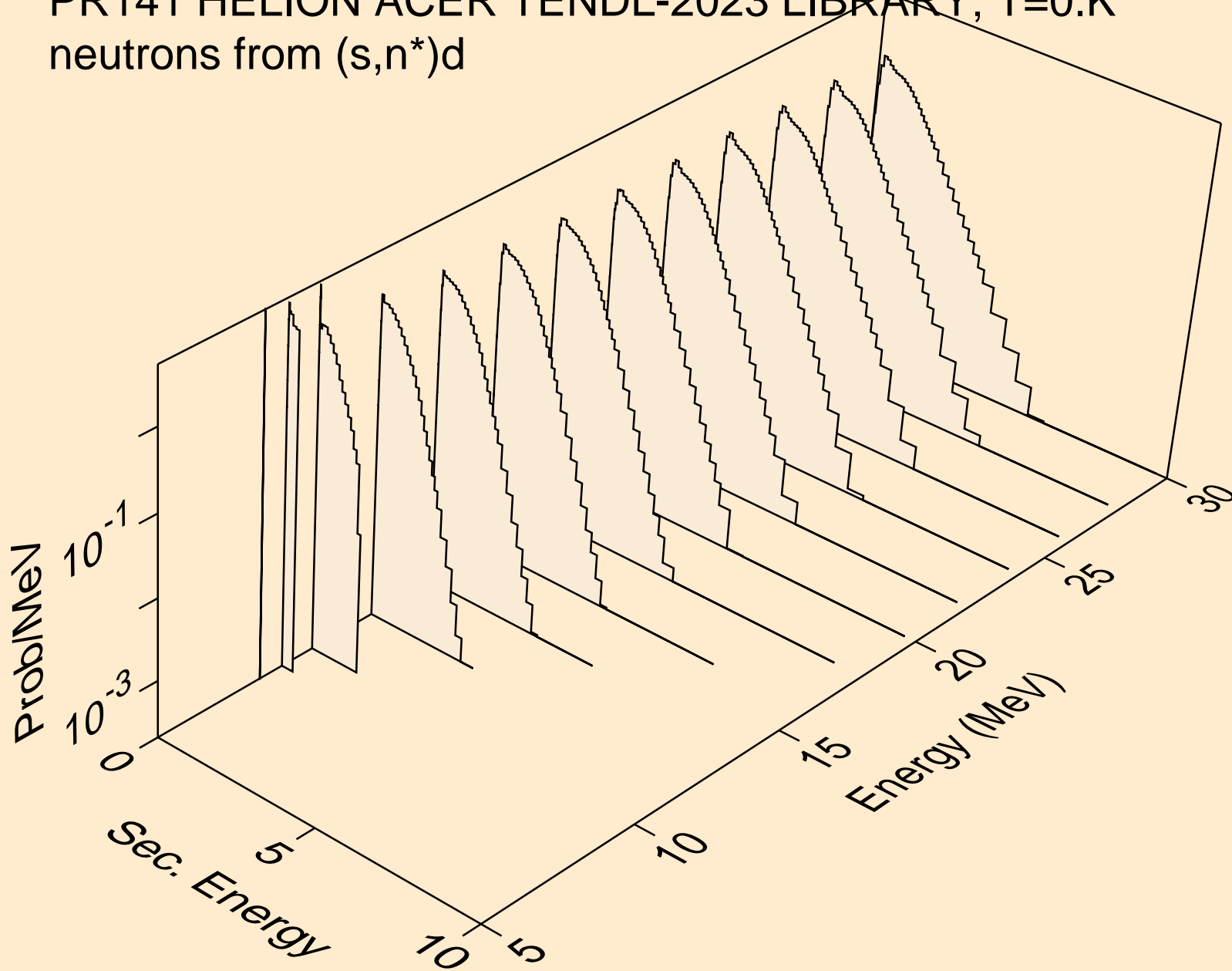
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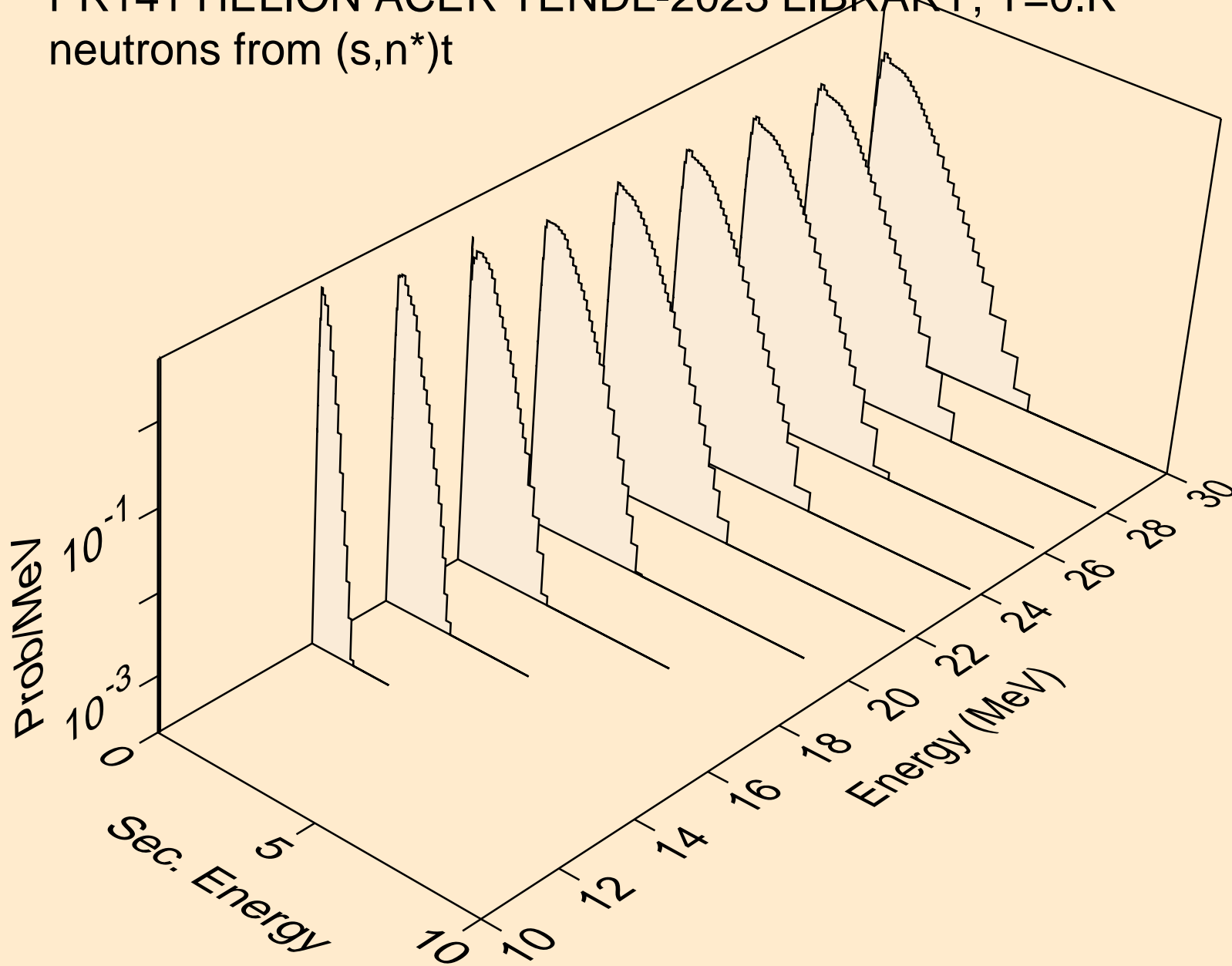
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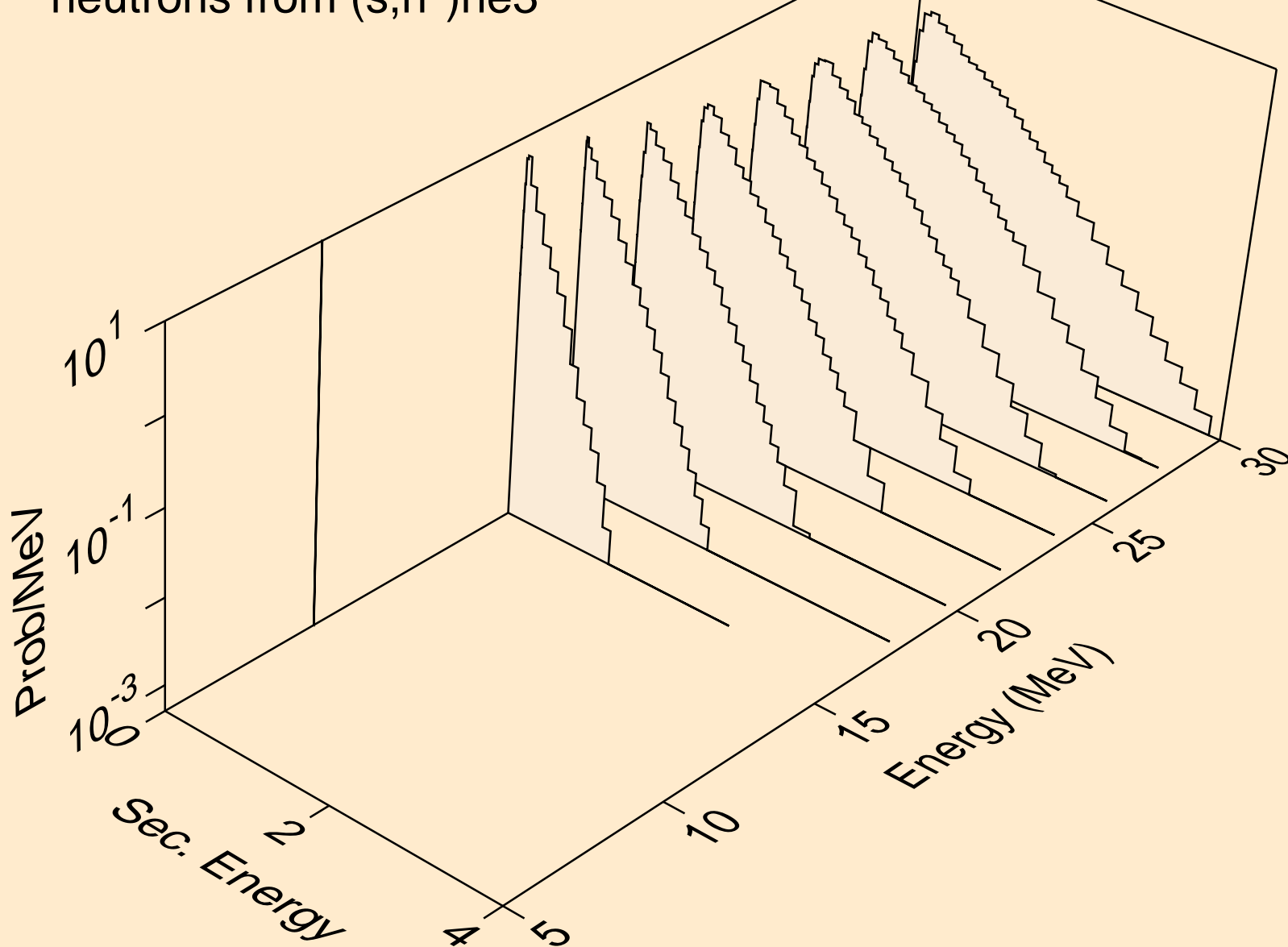
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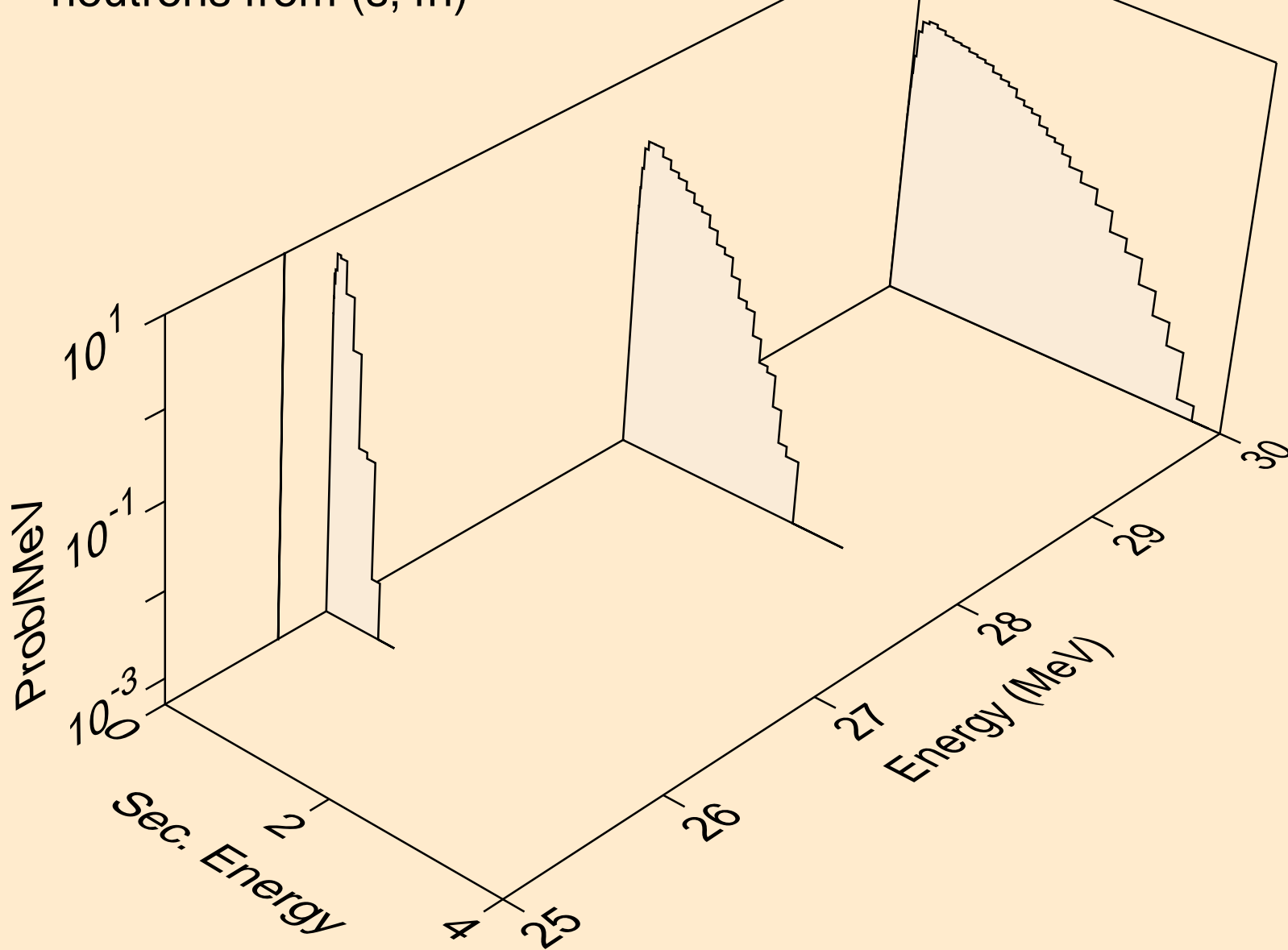
PR141 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)t



PR141 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)he3

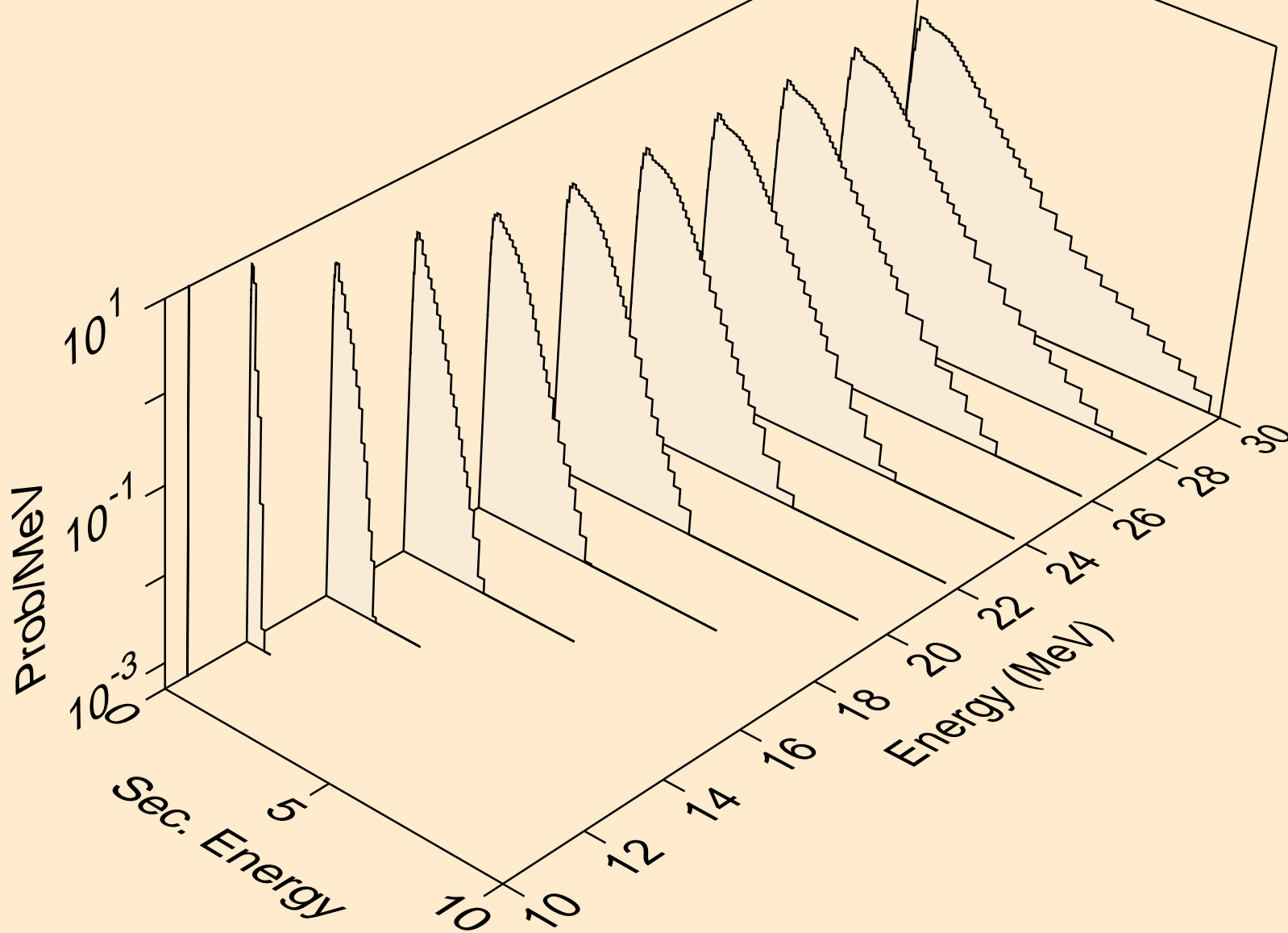


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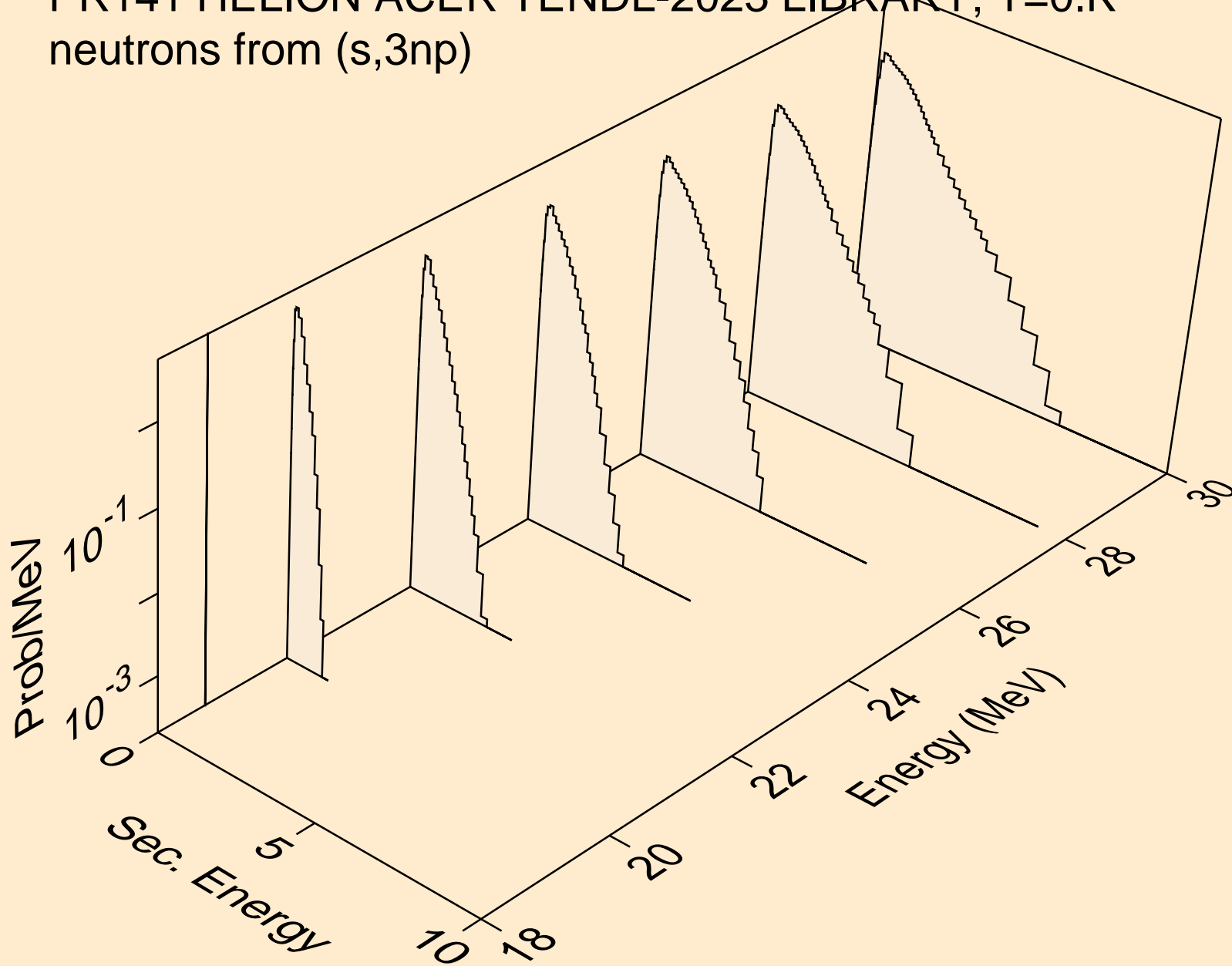




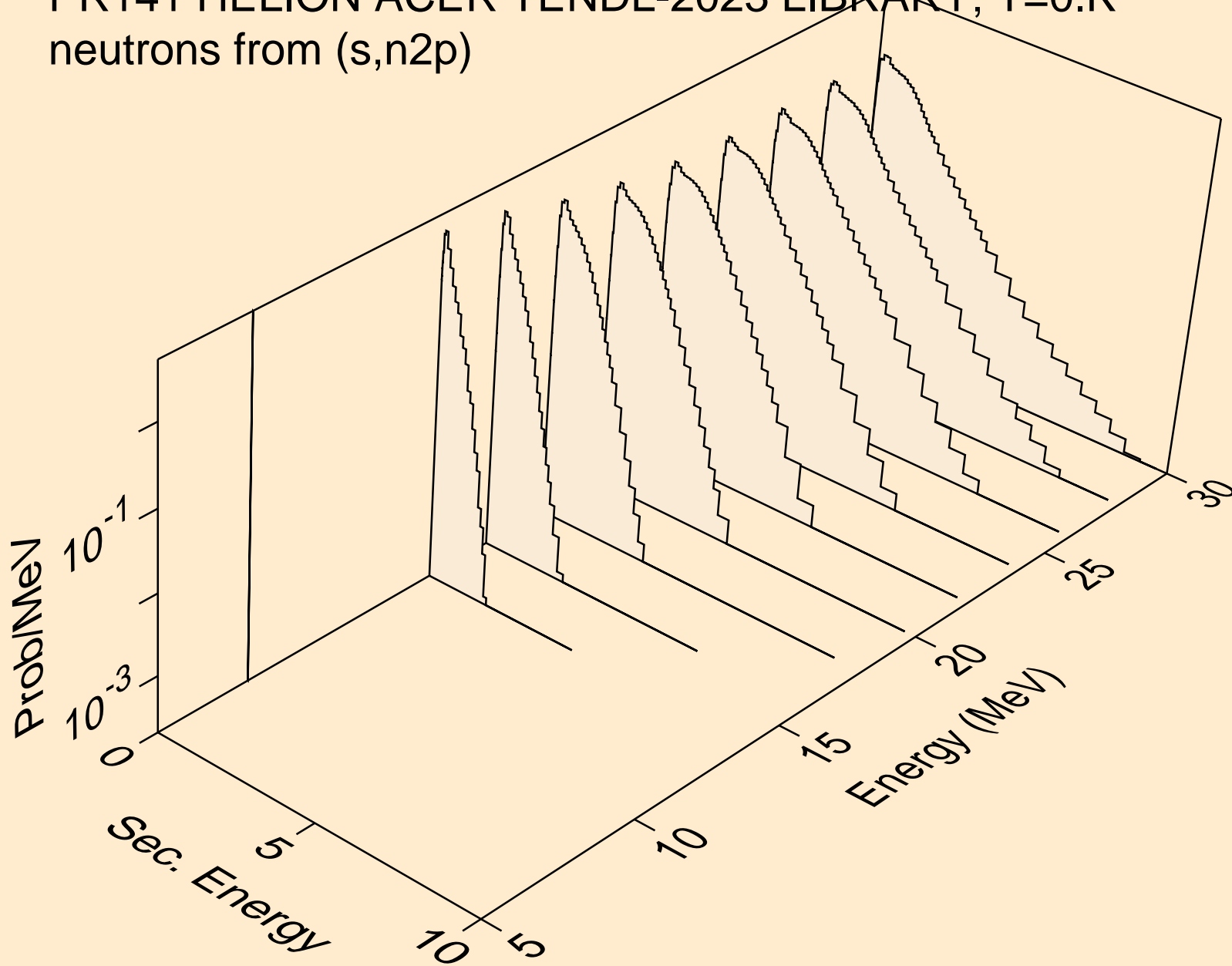
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neutrons from (s,2np)



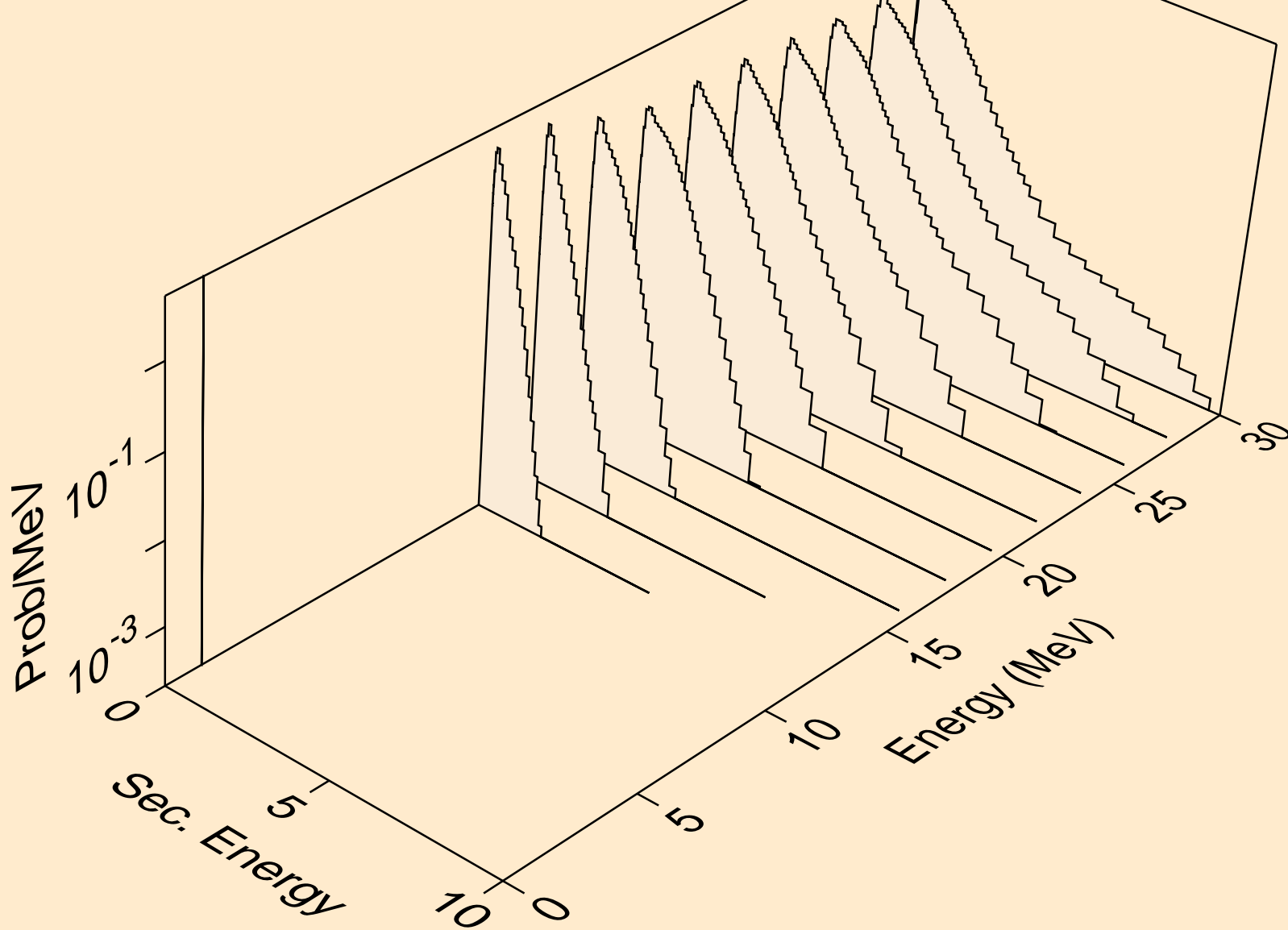
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neutrons from (s,3np)



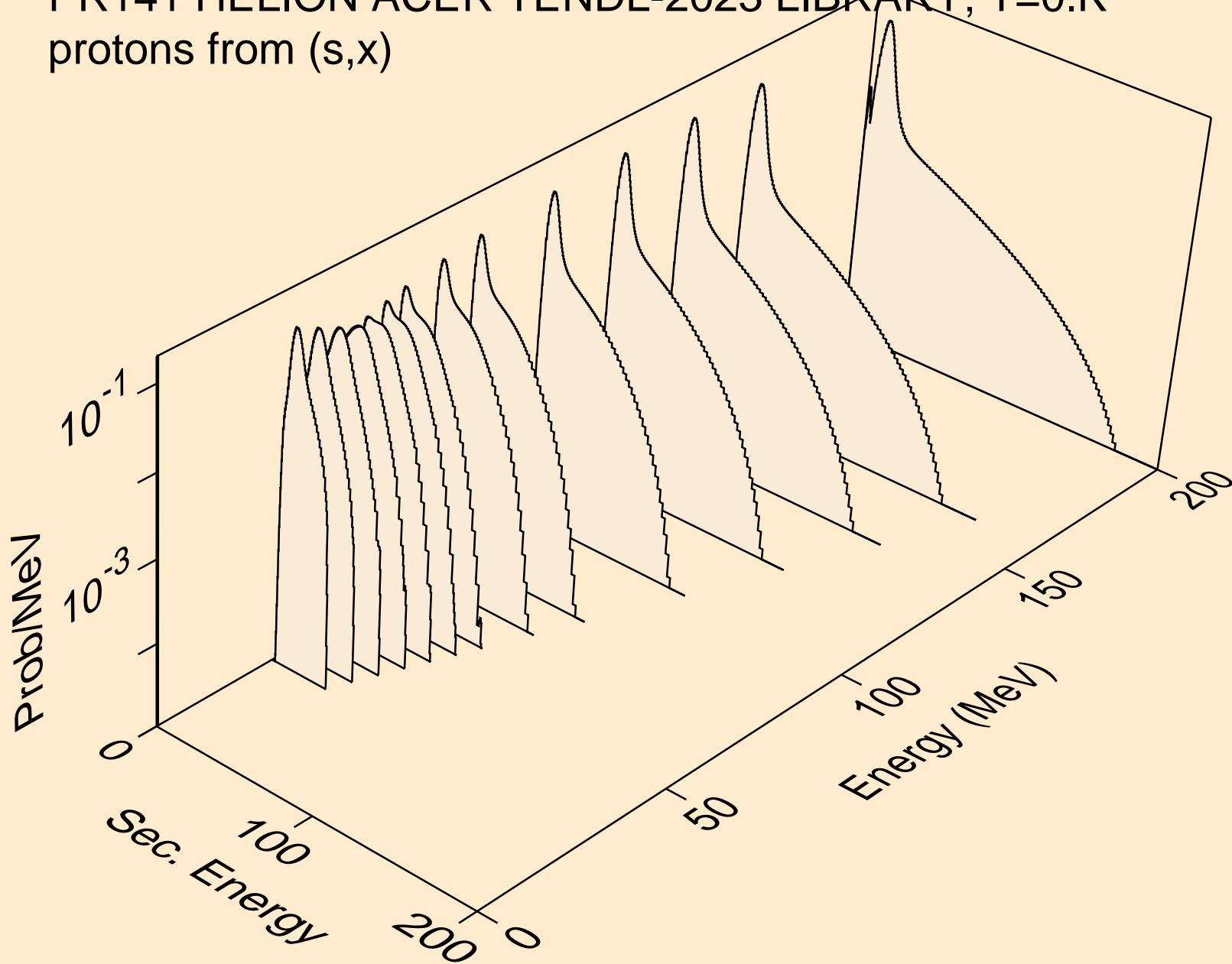
PR141 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n2p)



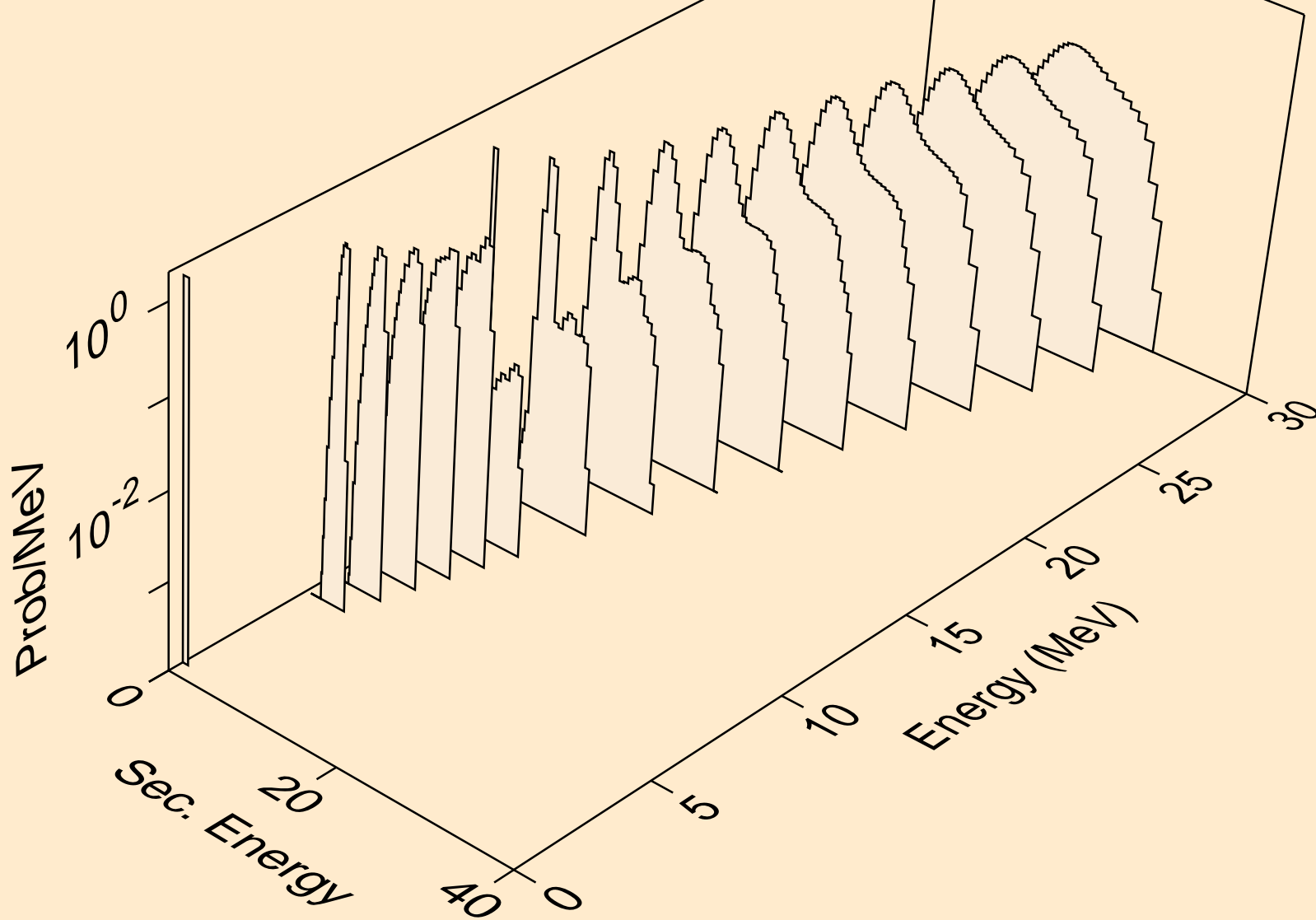
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neutrons from (s,npa)



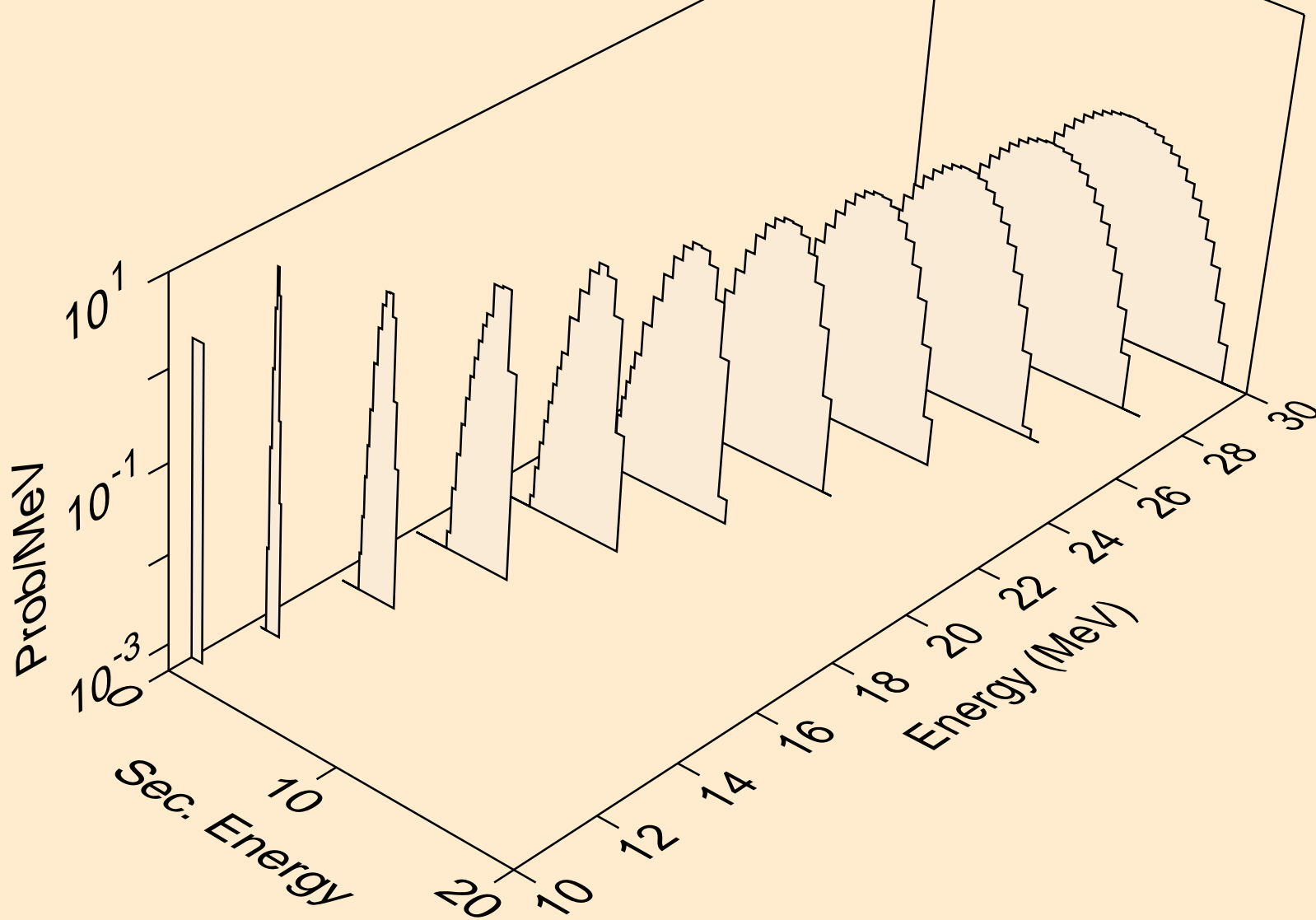
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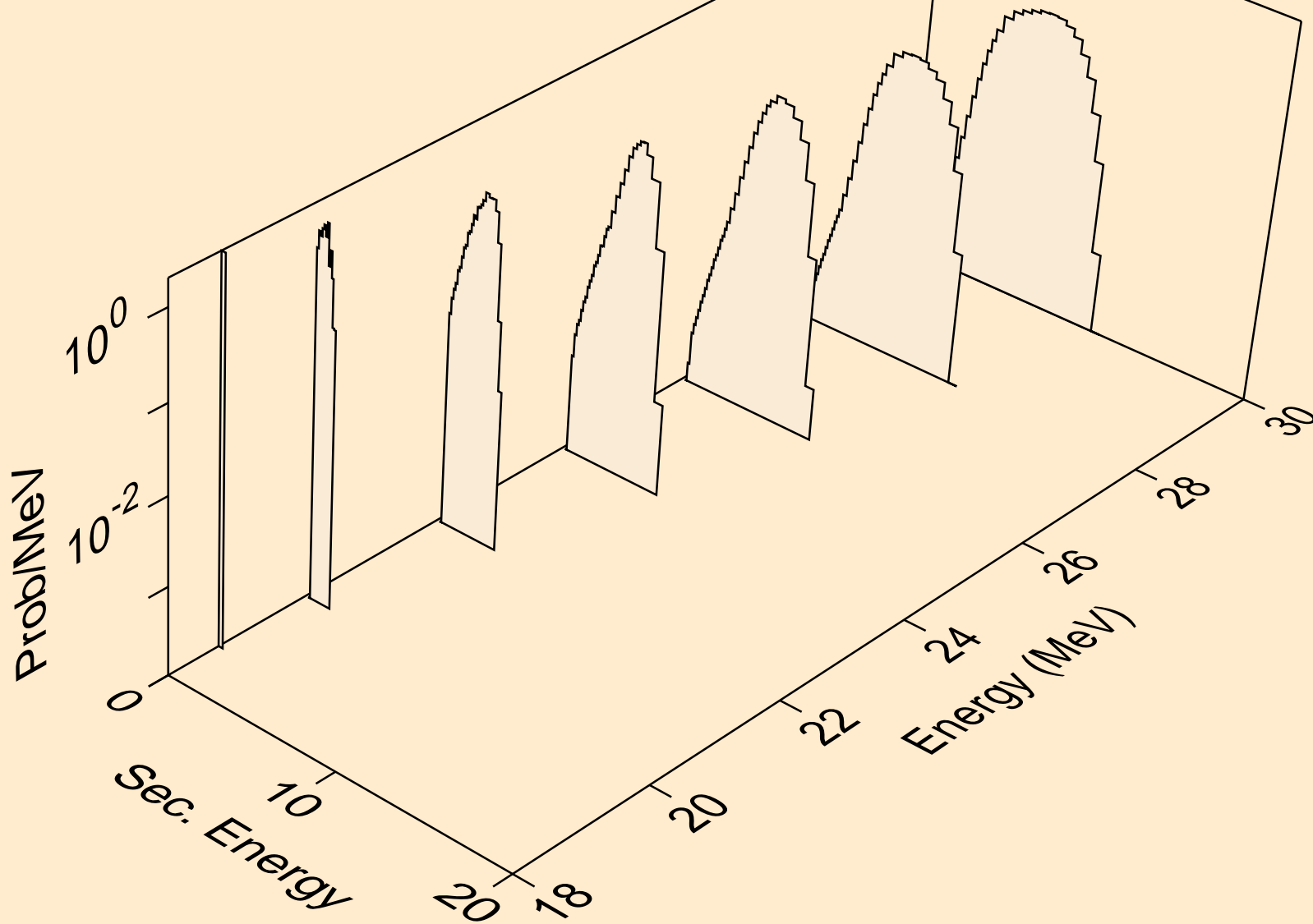
PR141 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,n\*)p



PR141 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,2np)

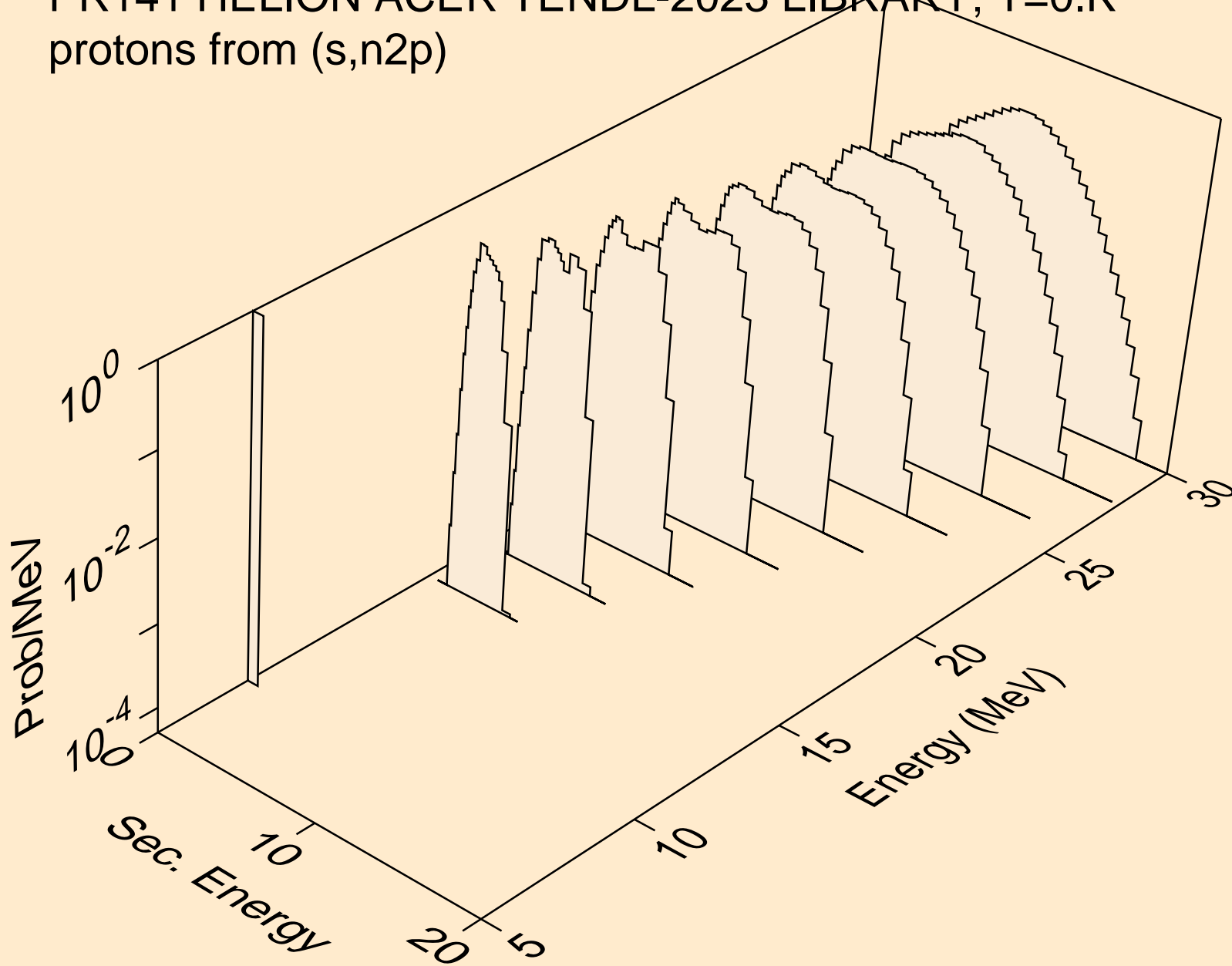


PR141 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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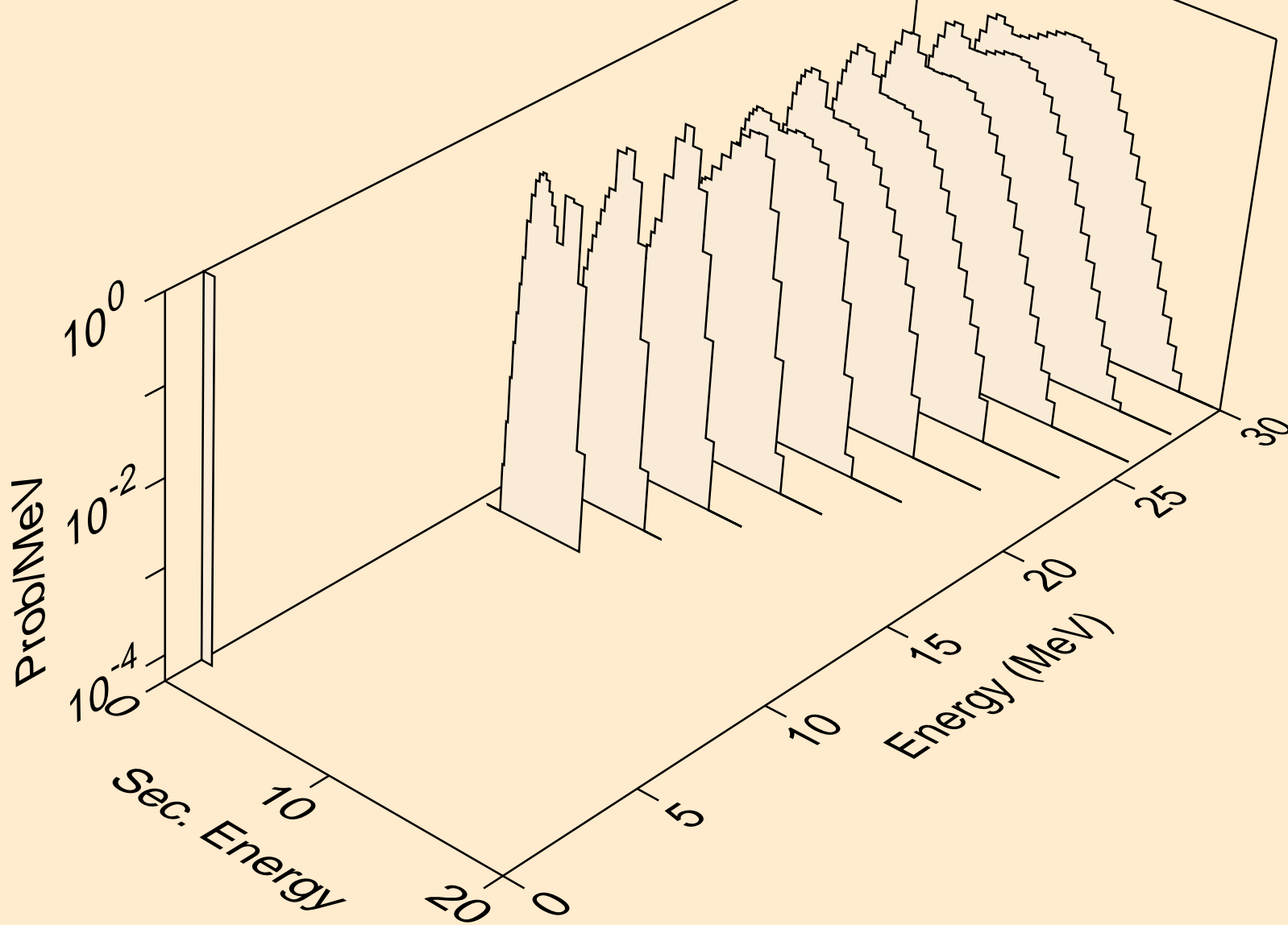




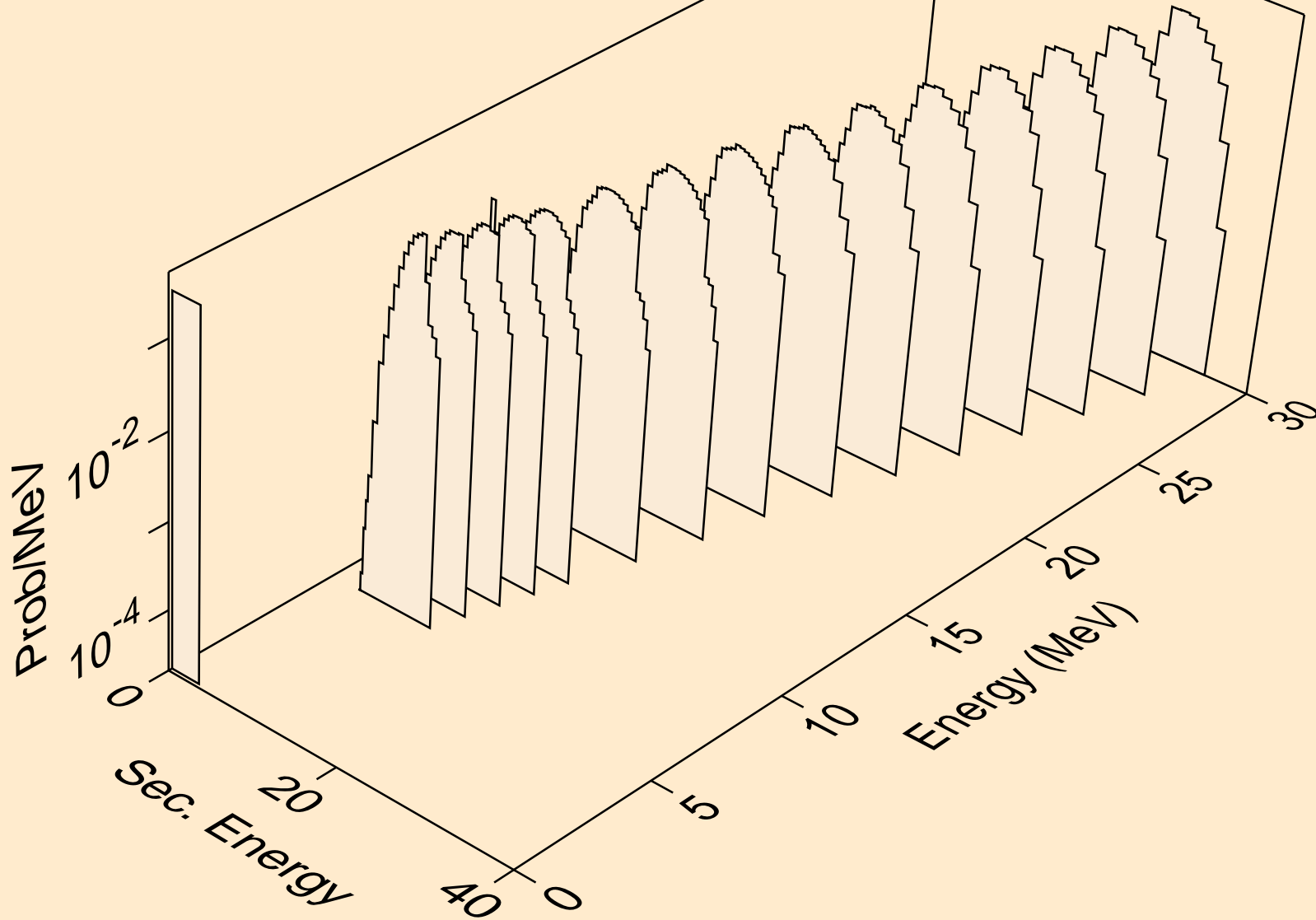
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protons from (s,n2p)



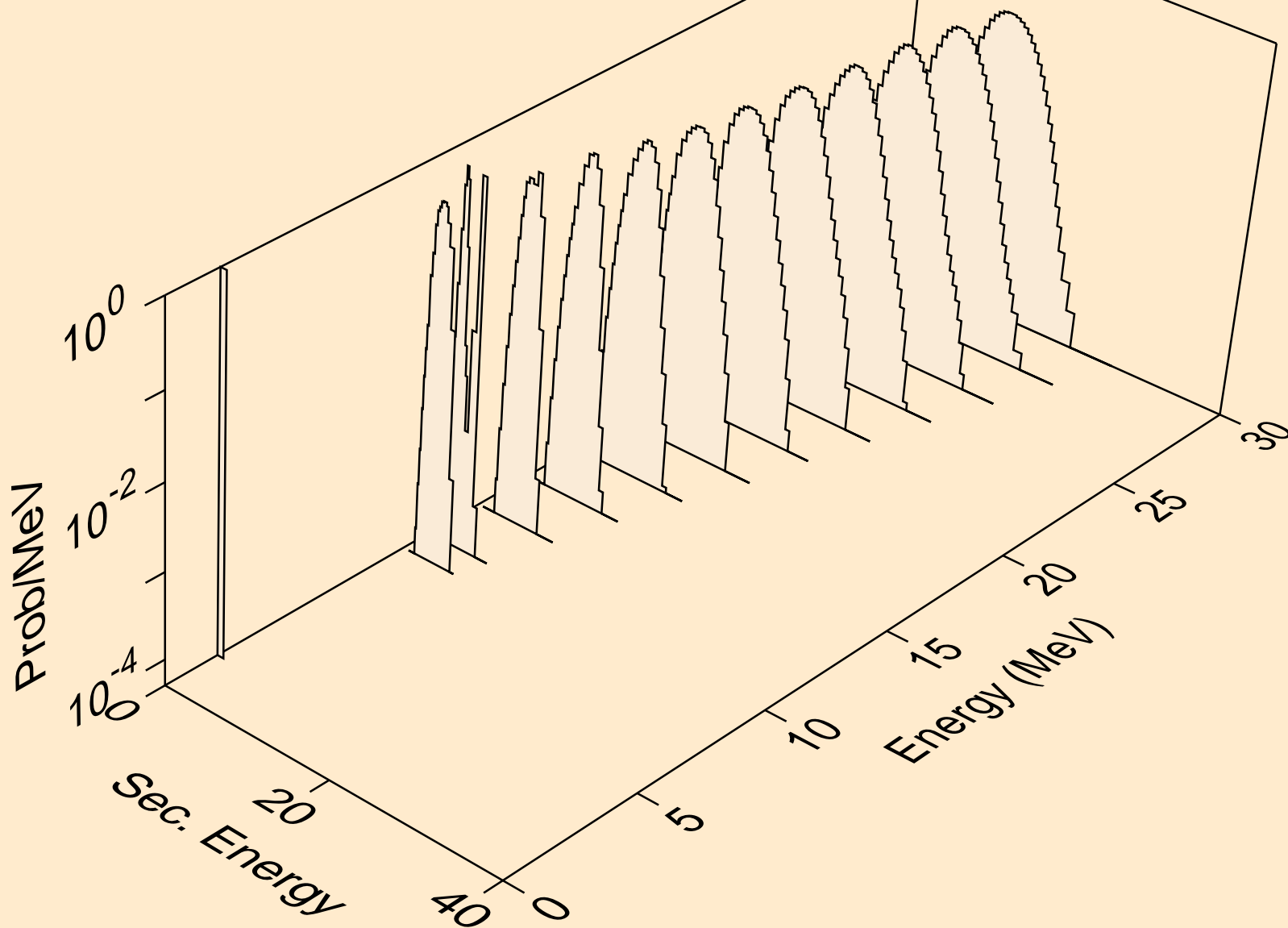
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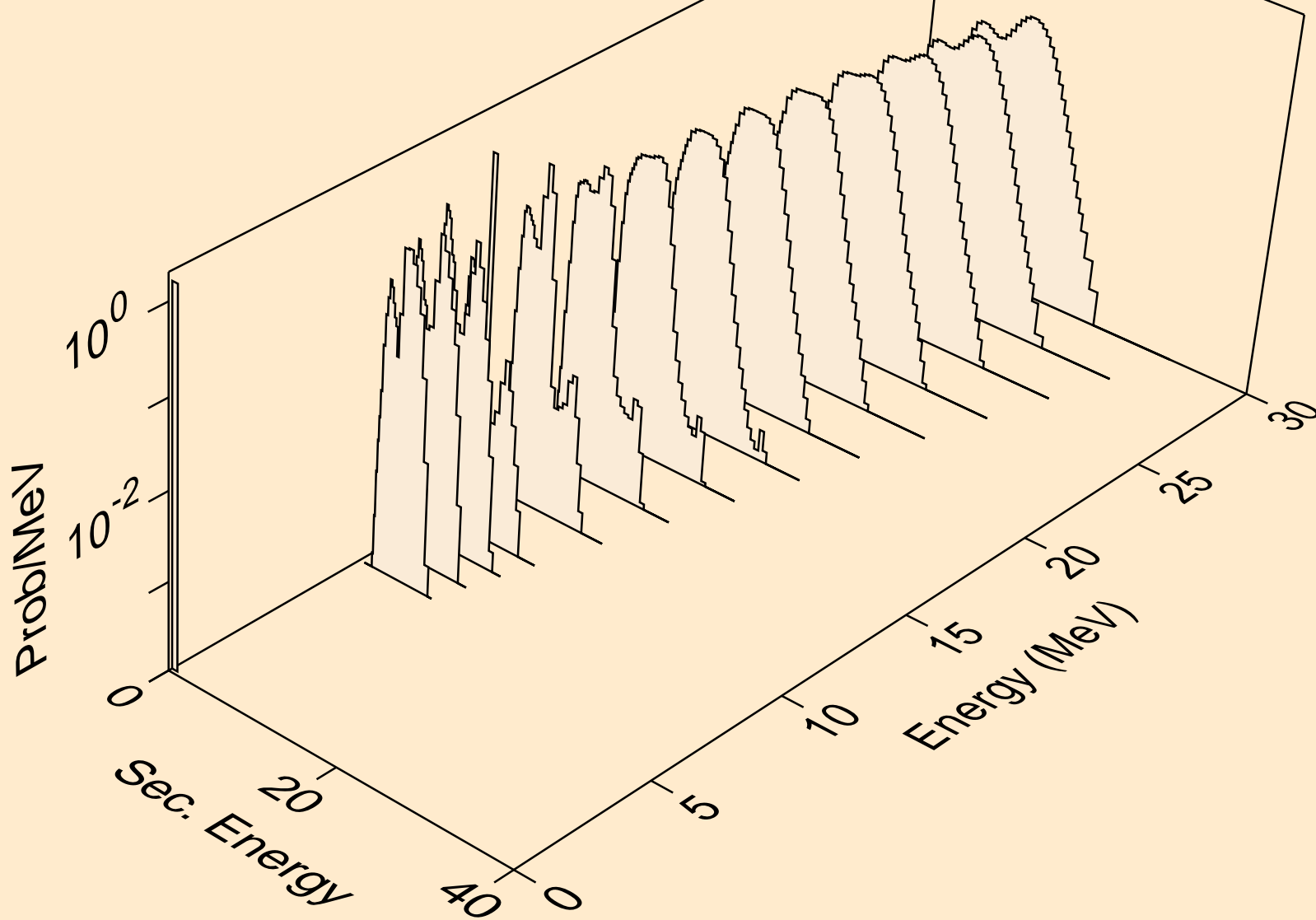
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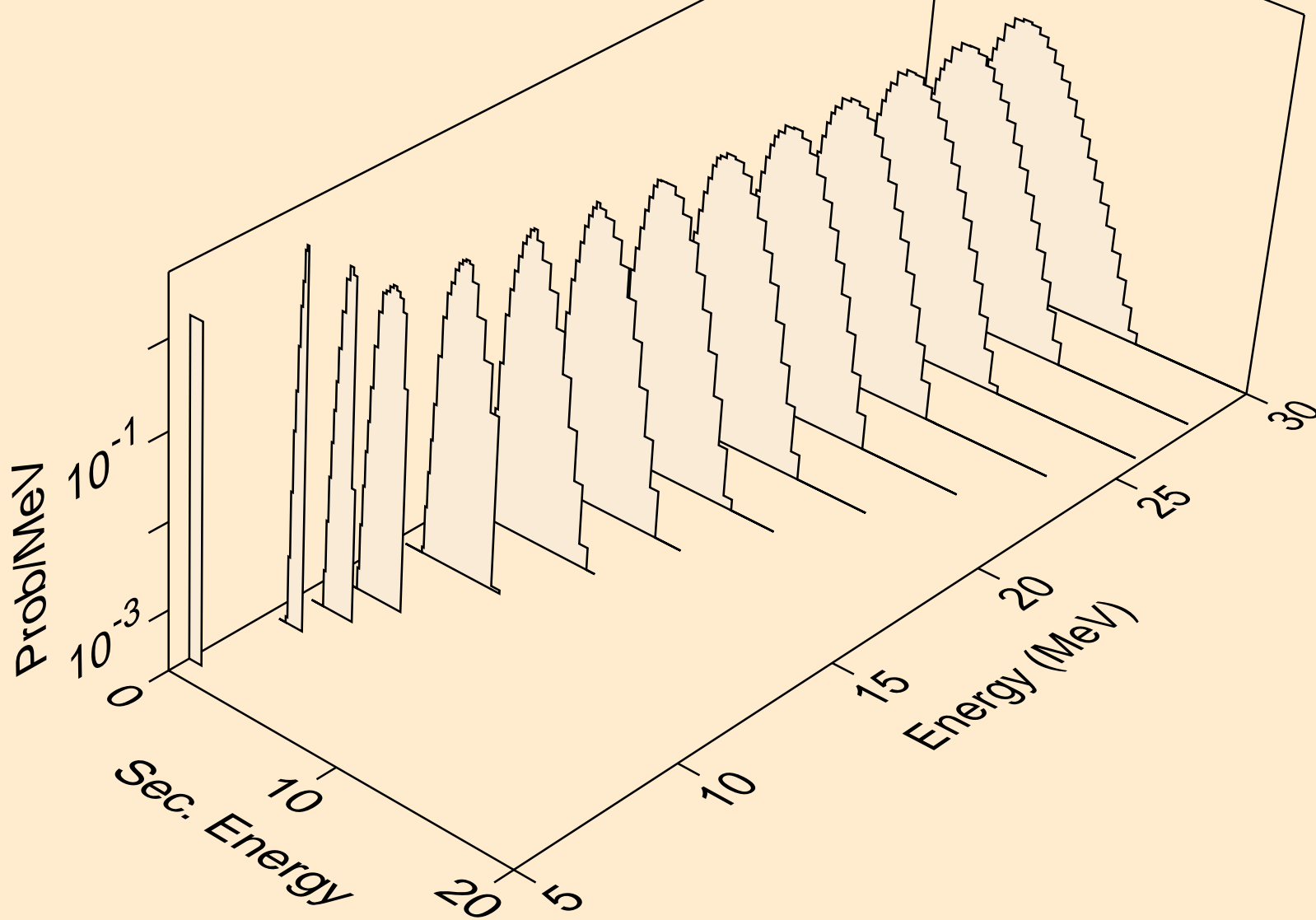
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protons from (s,2p)



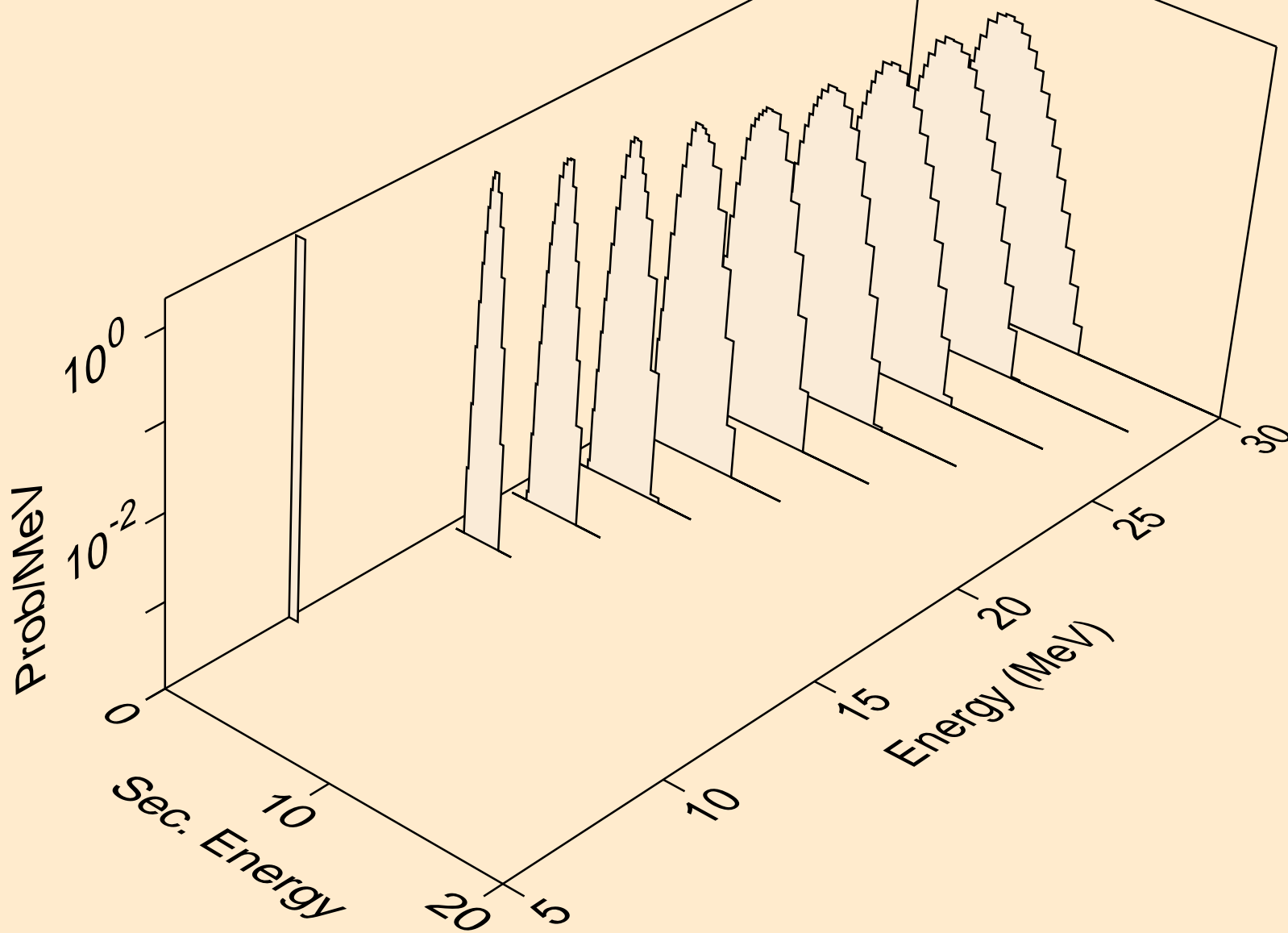
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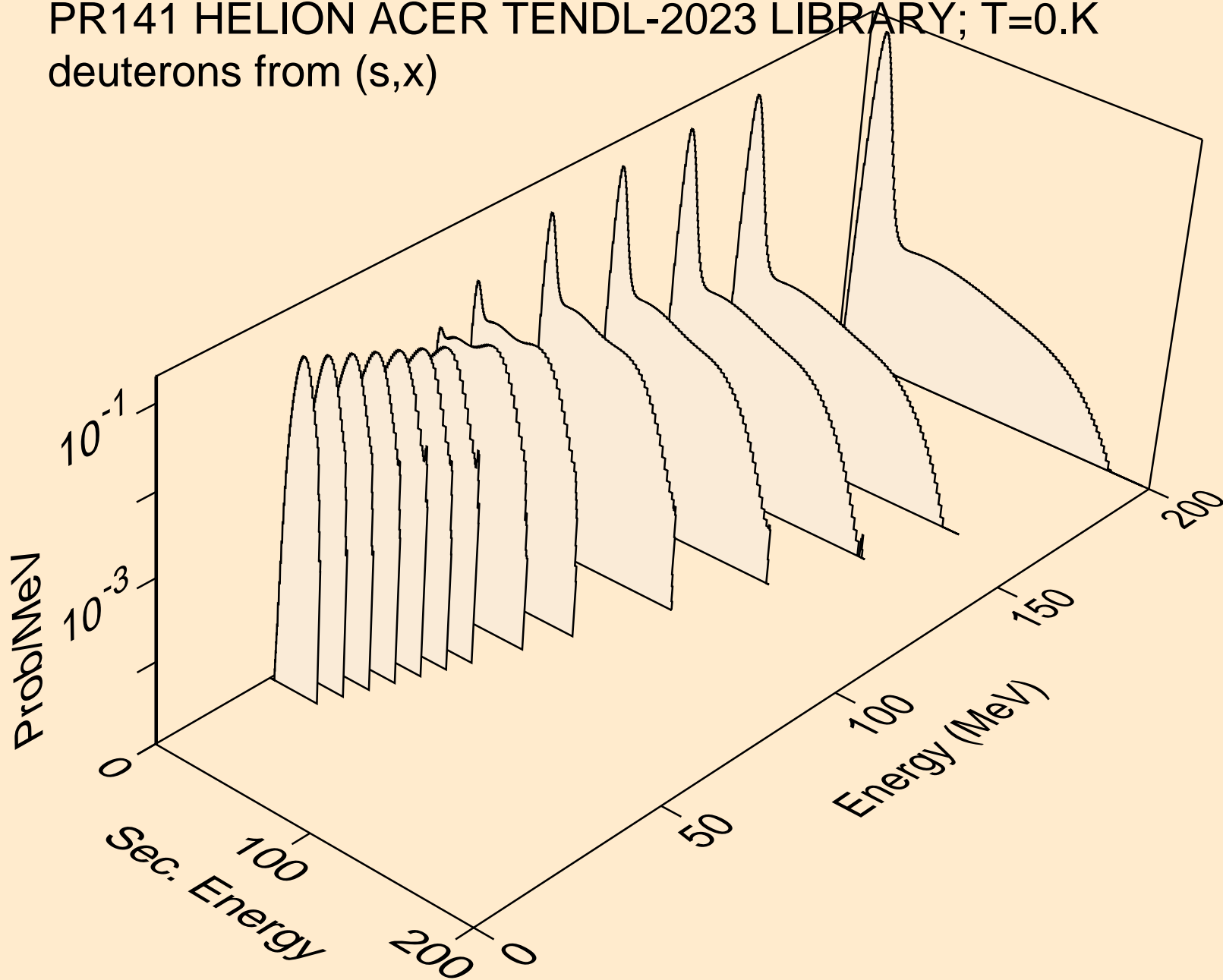
PR141 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pd)



PR141 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pt)

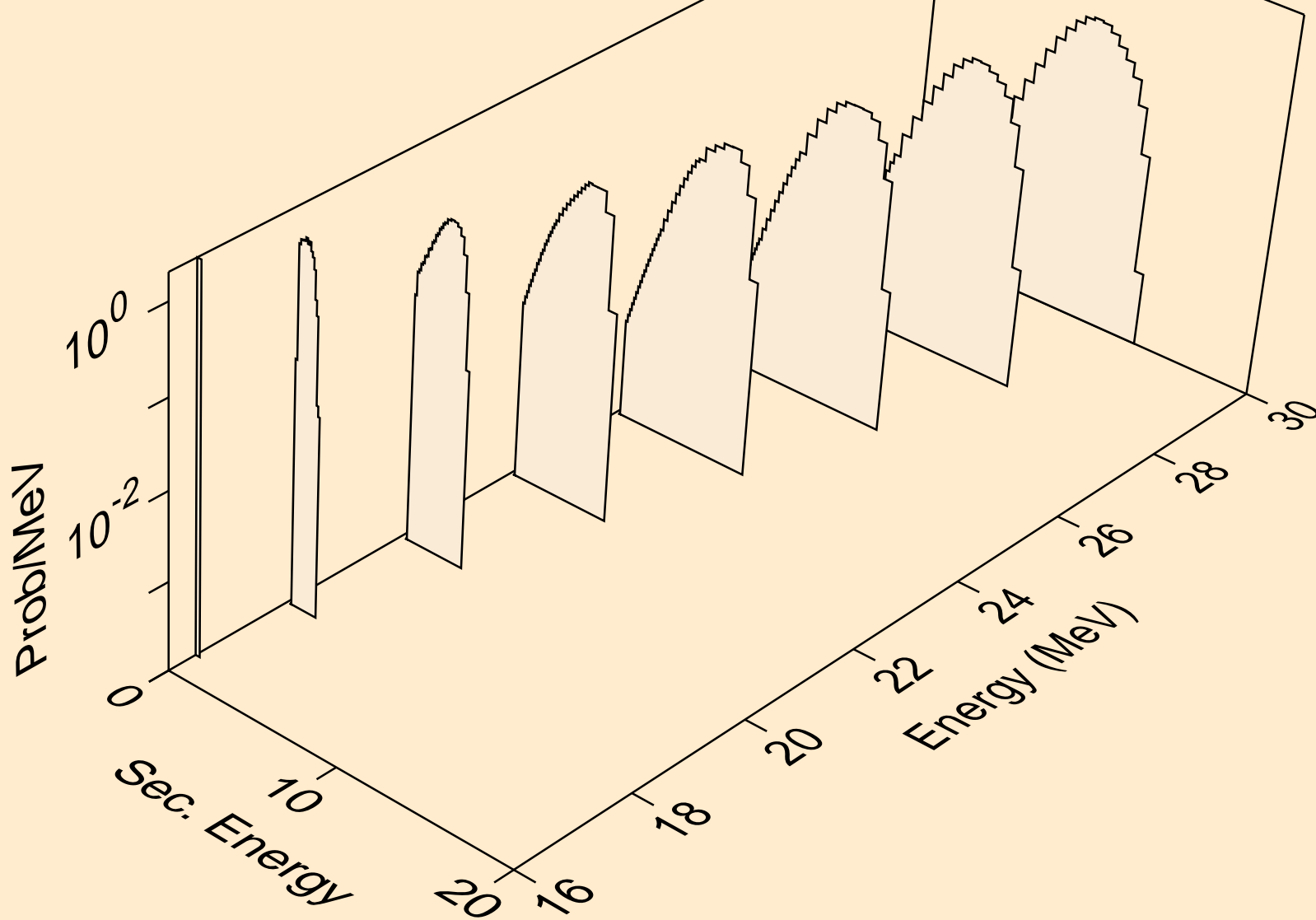


PR141 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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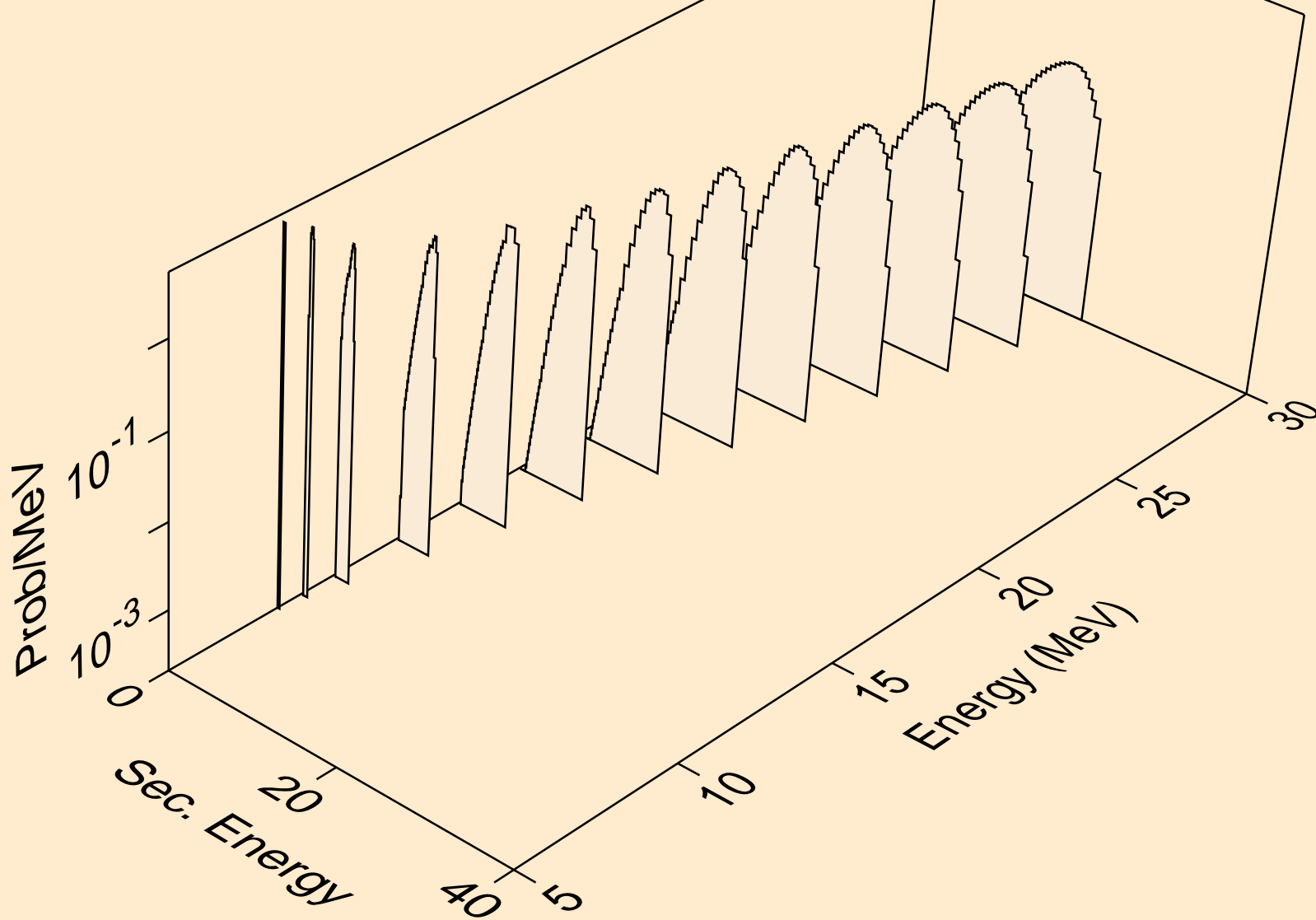




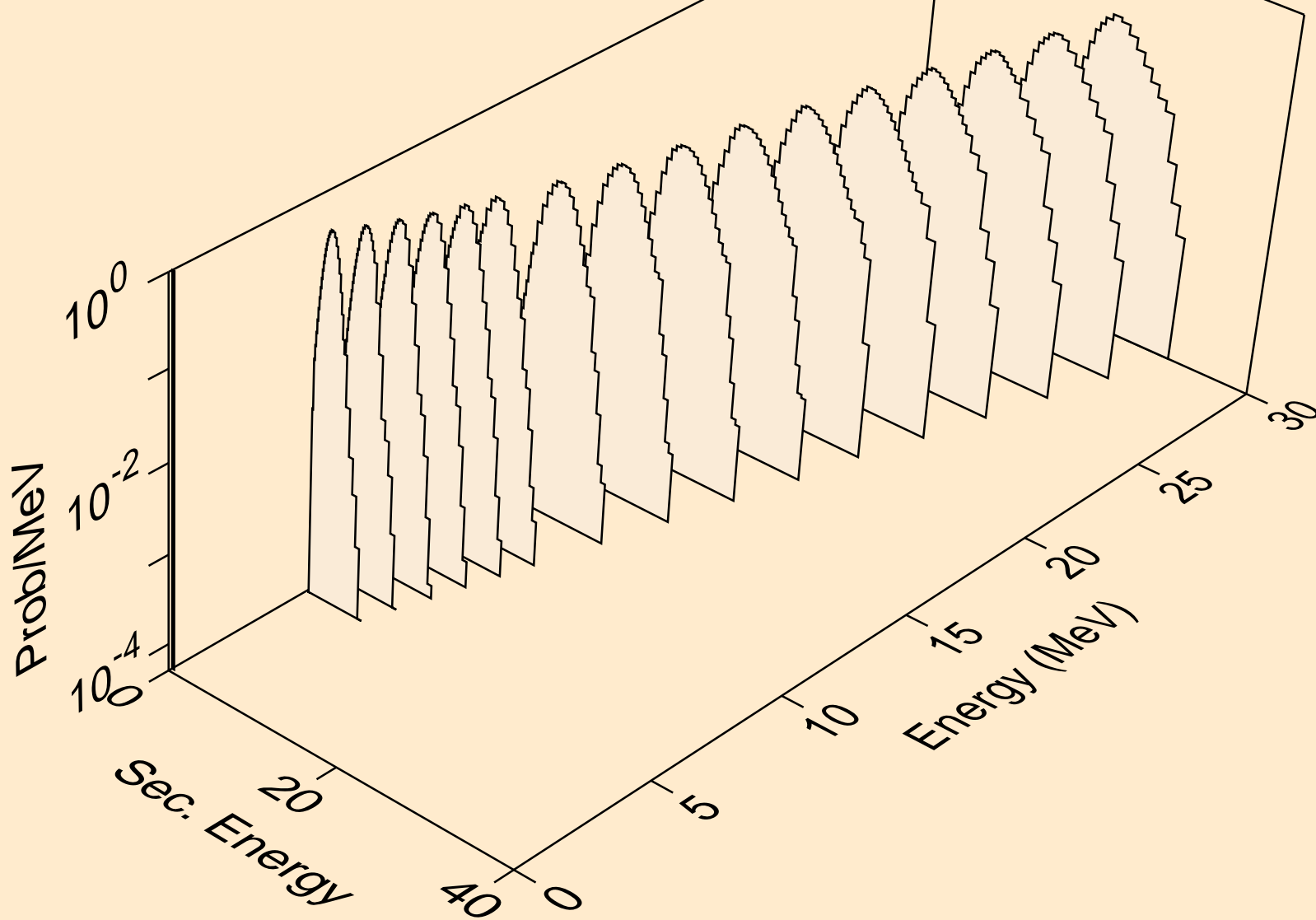
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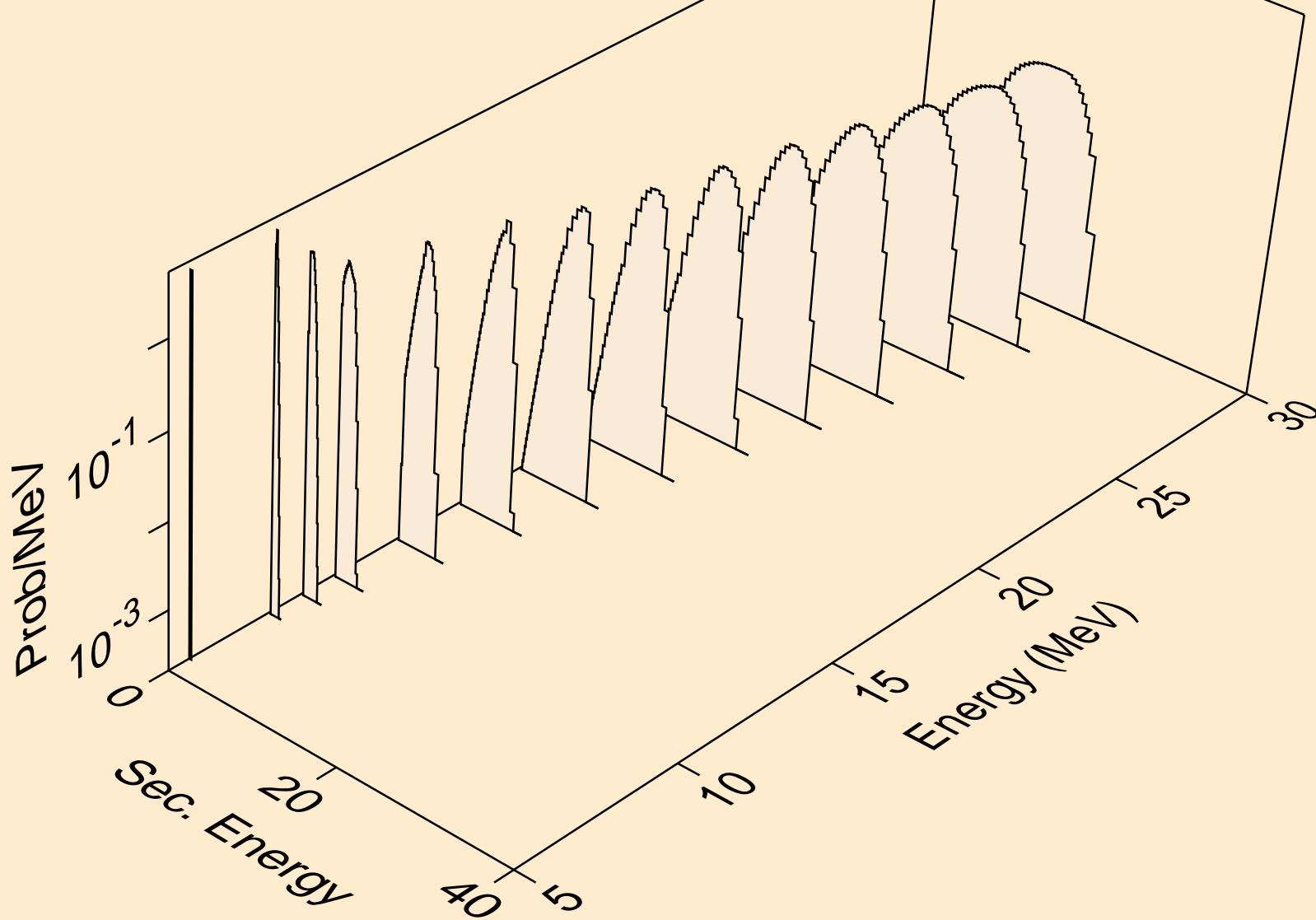
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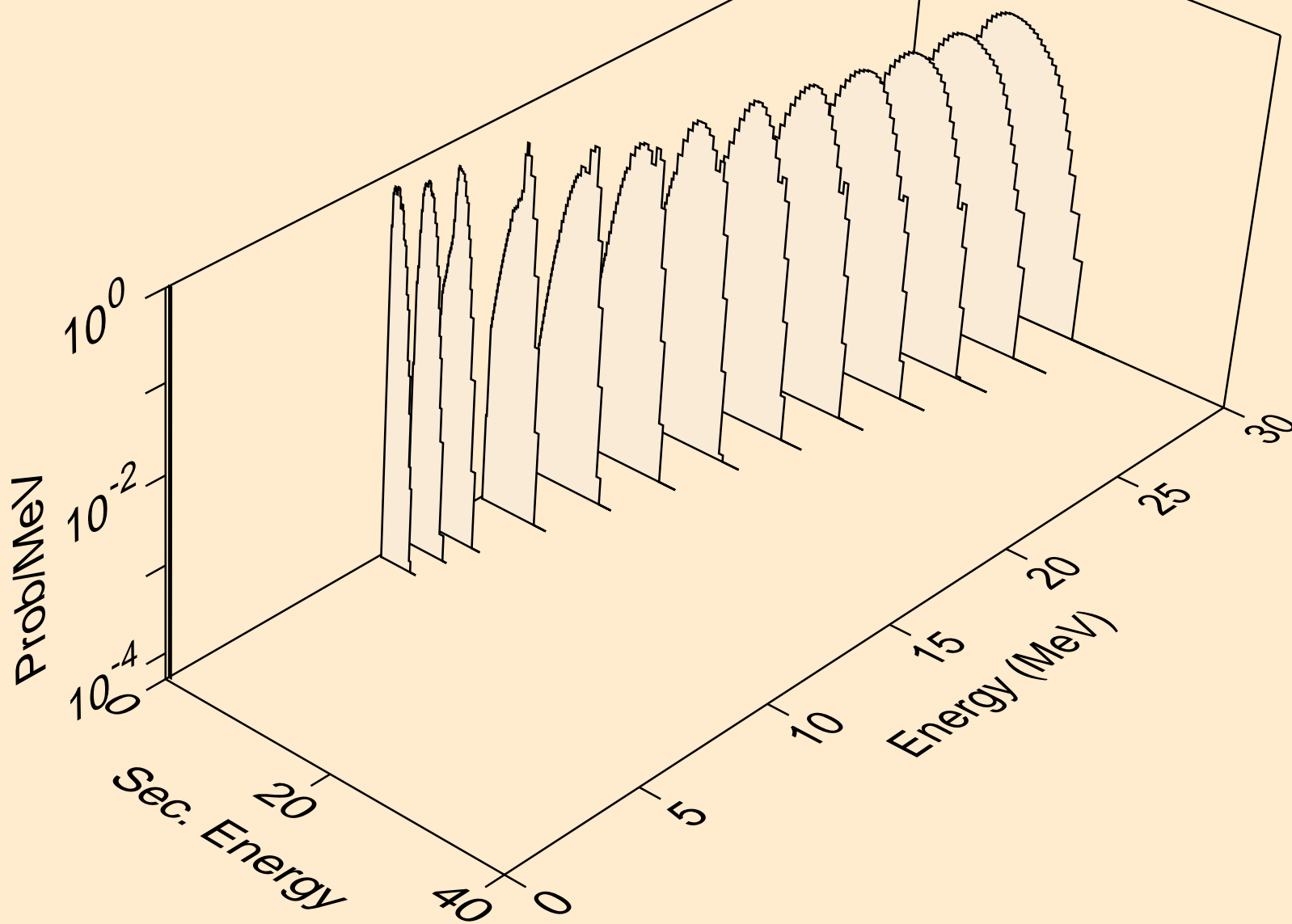
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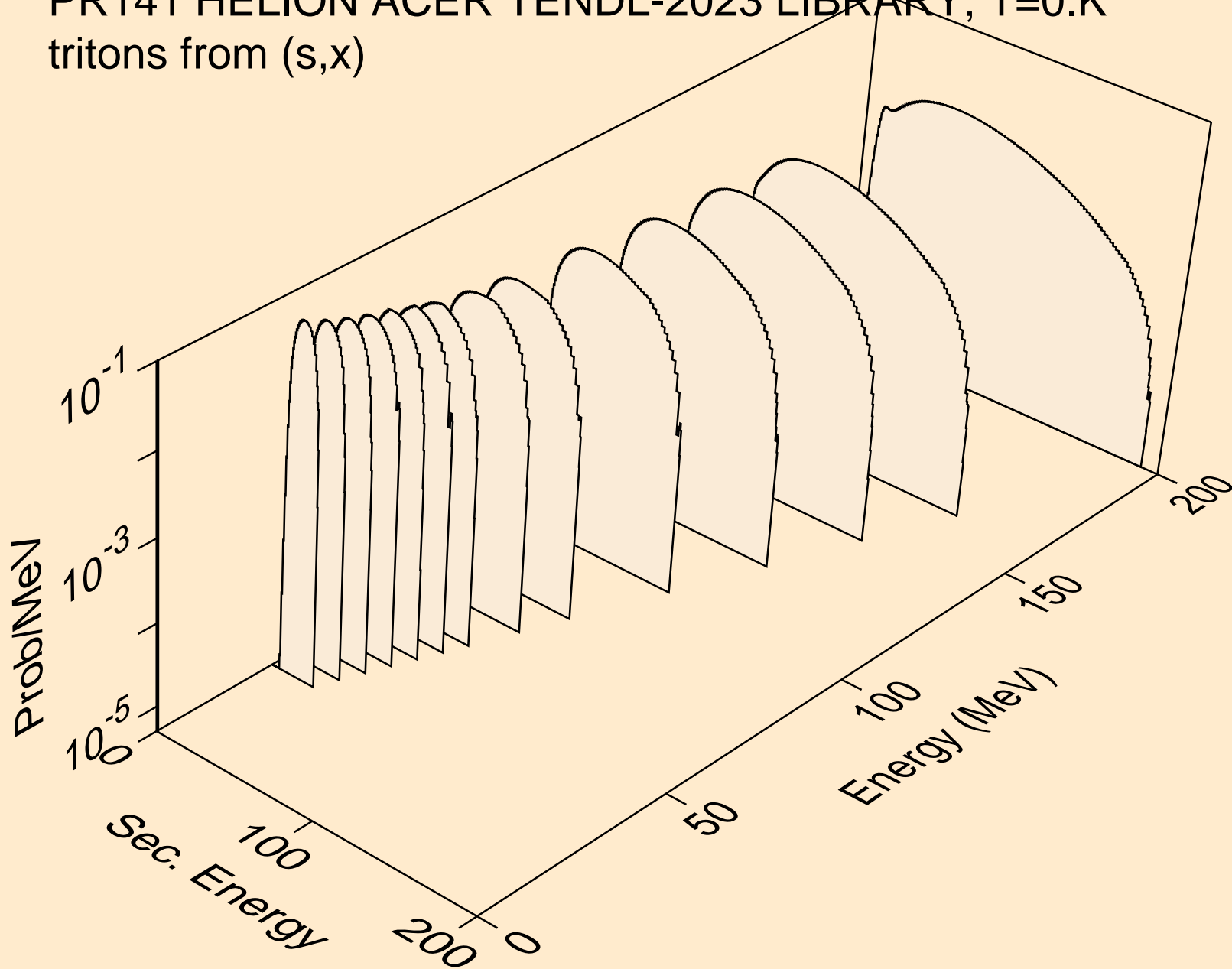
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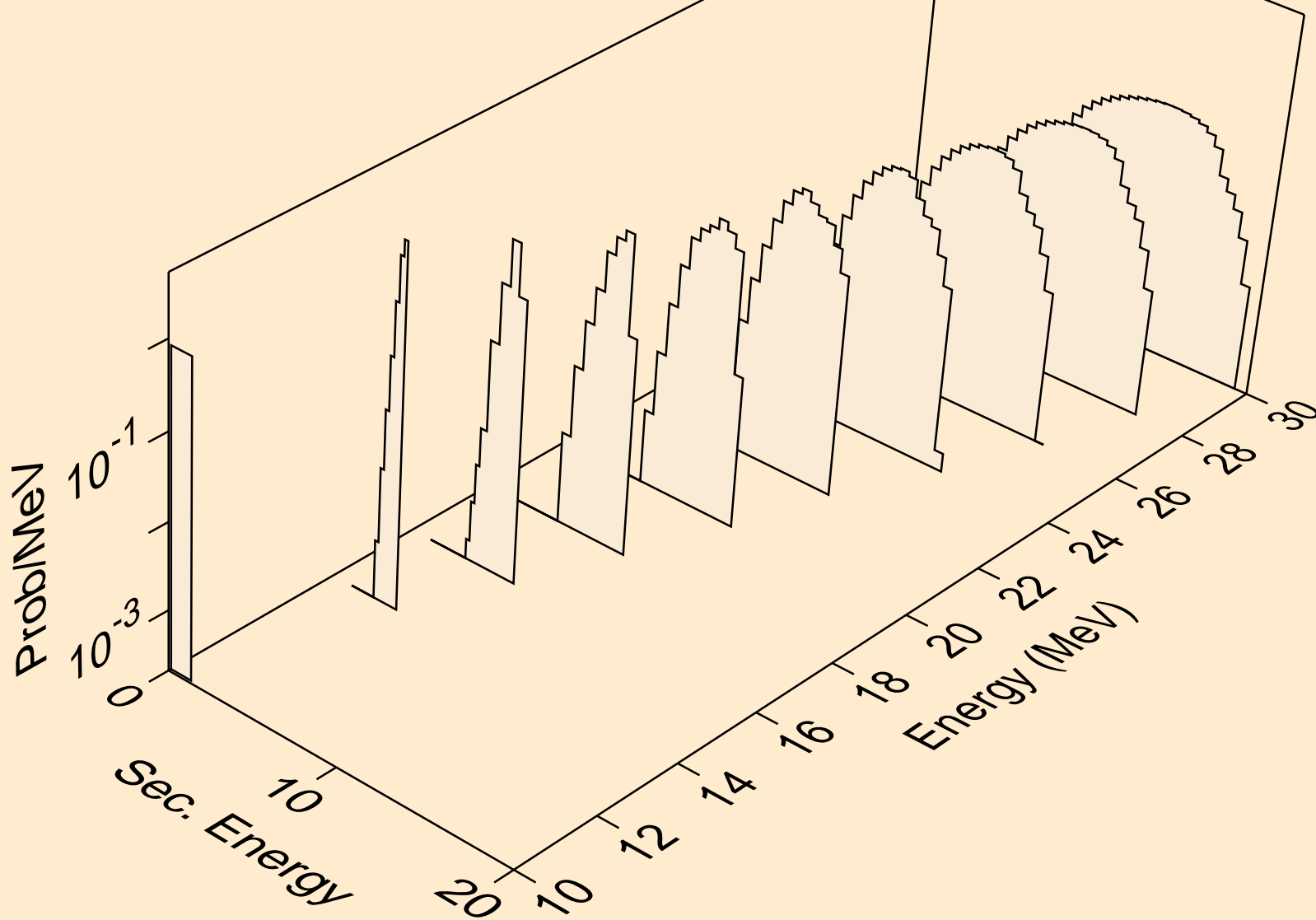
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deuterons from (s,da)



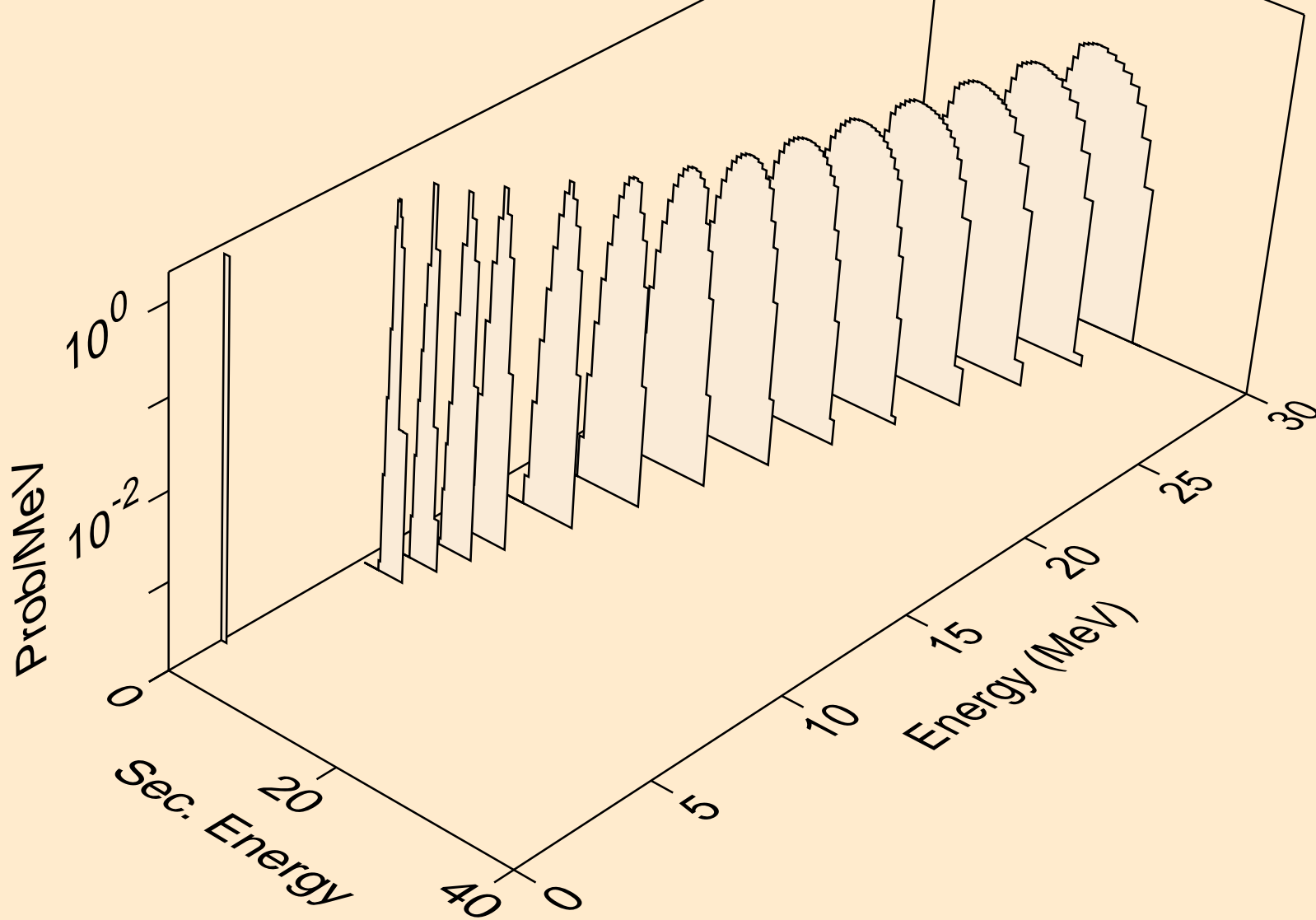
PR141 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,x)



PR141 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,n\*)t

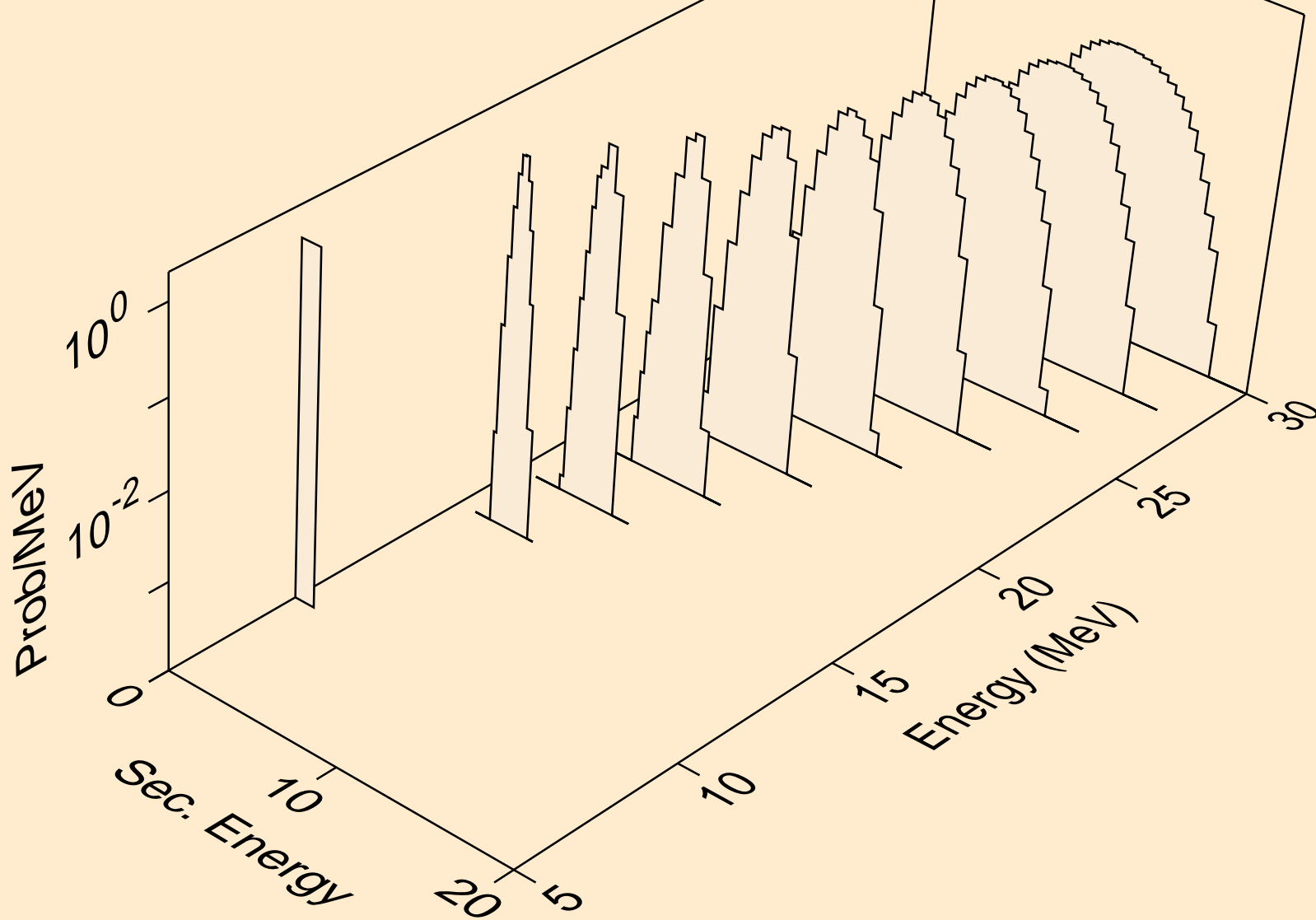


PR141 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,t)

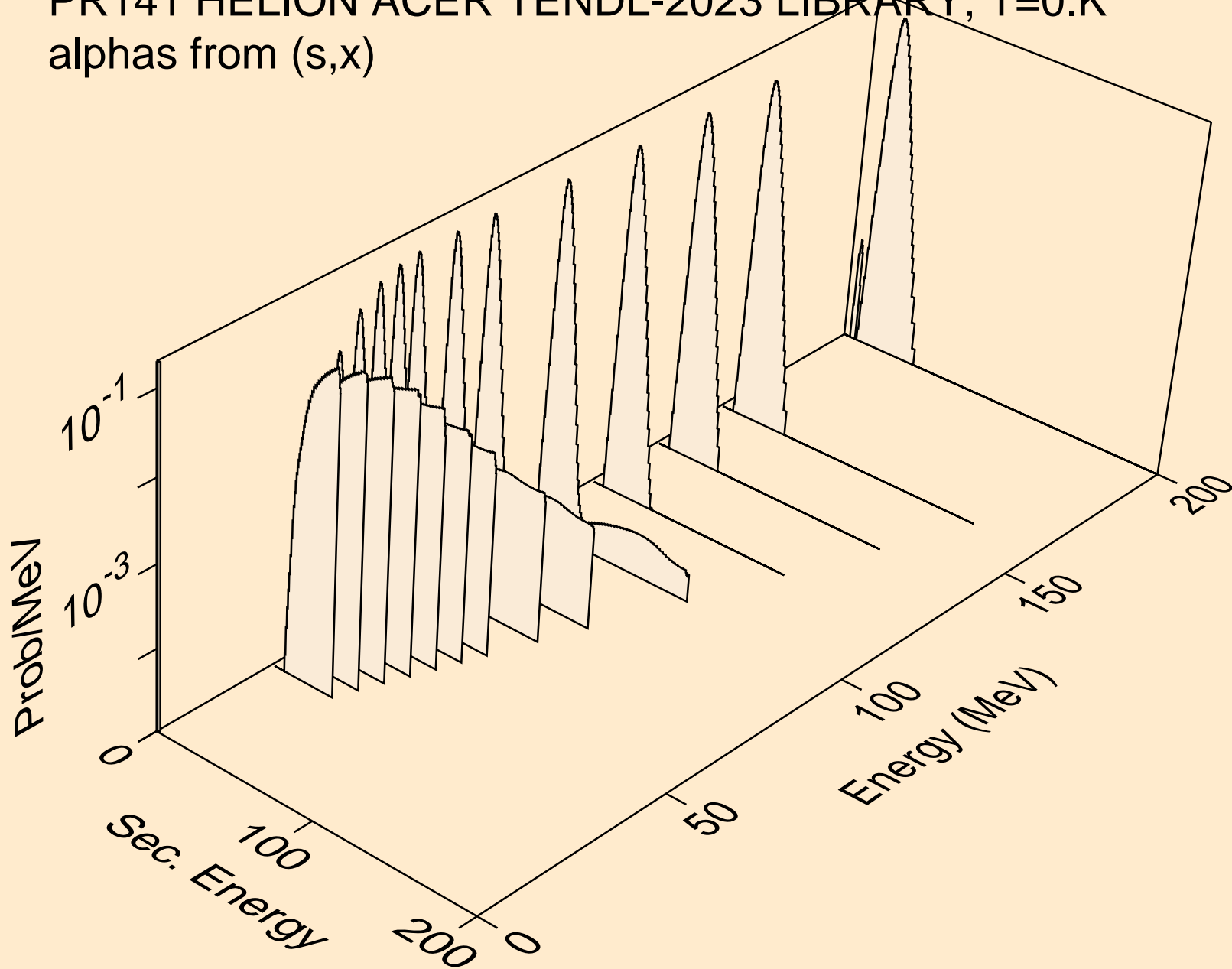




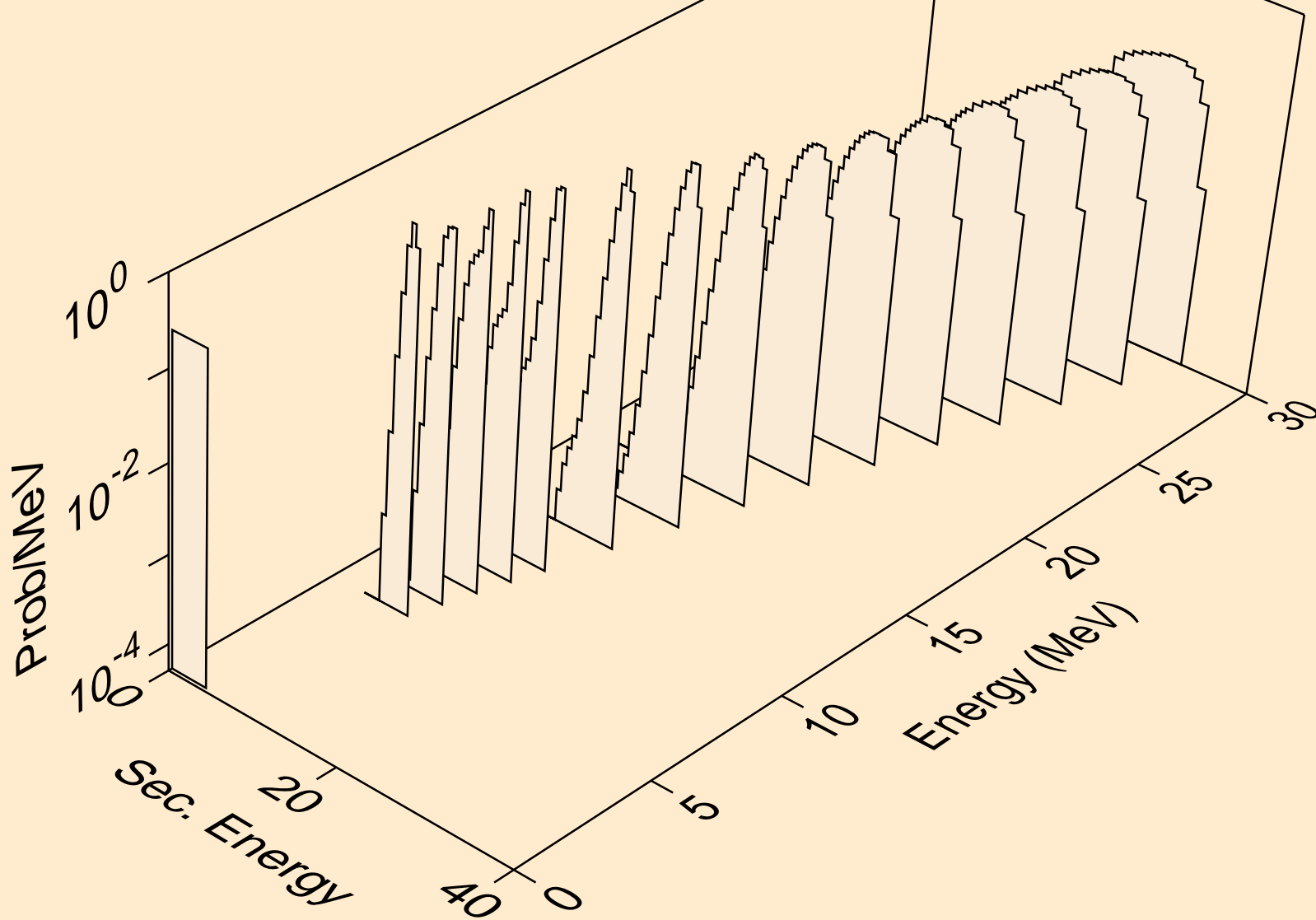
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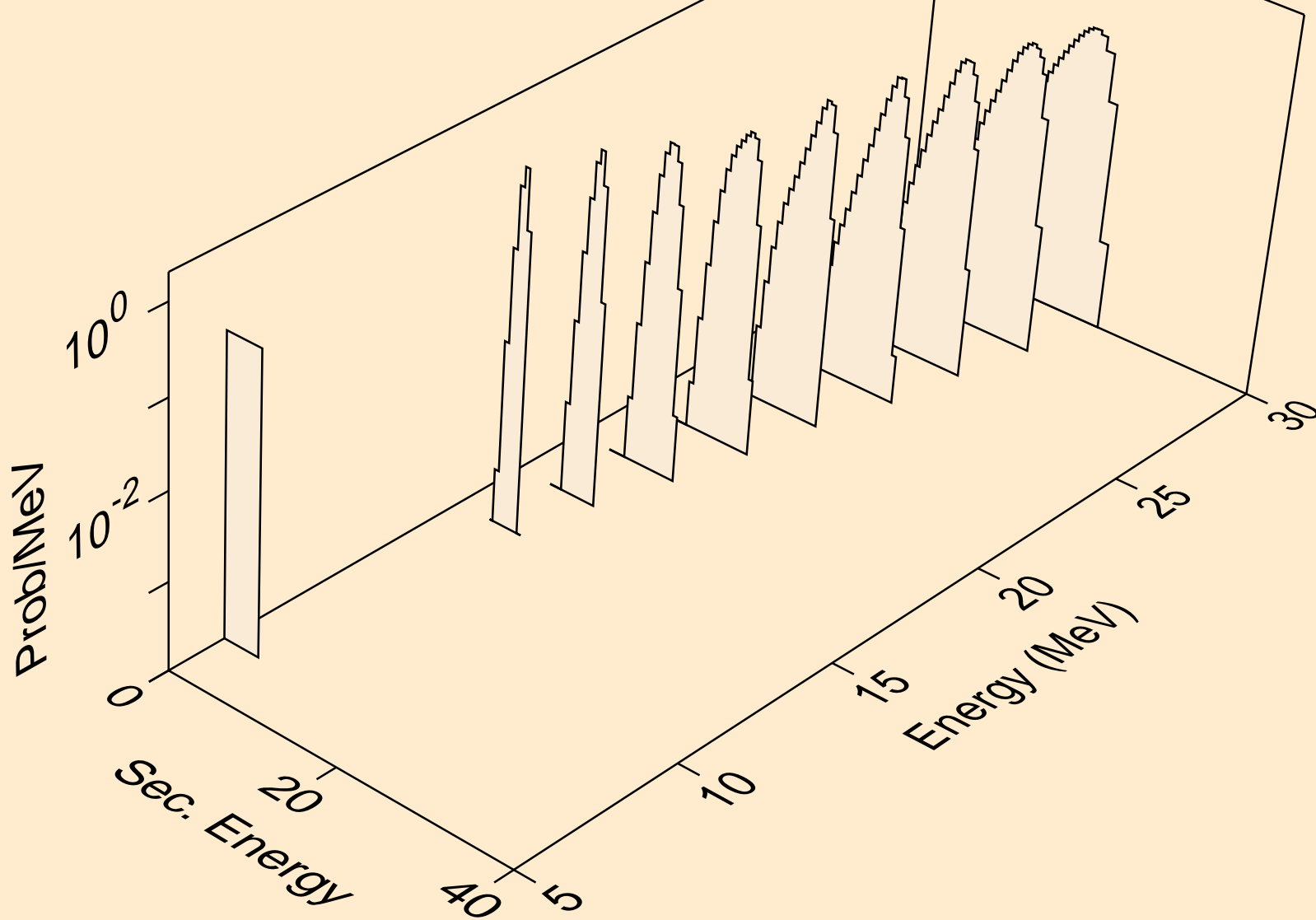
PR141 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,x)



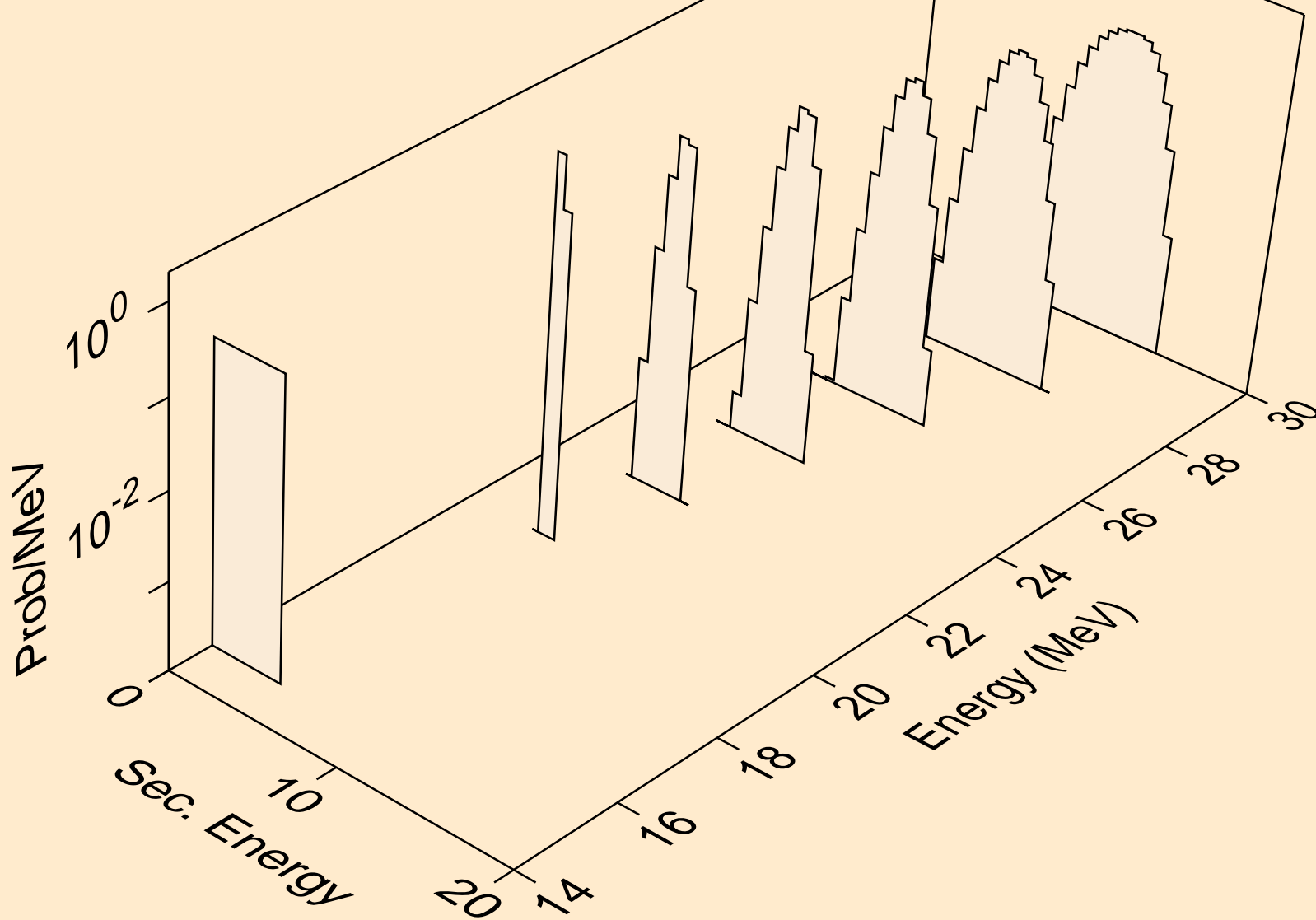
PR141 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)a



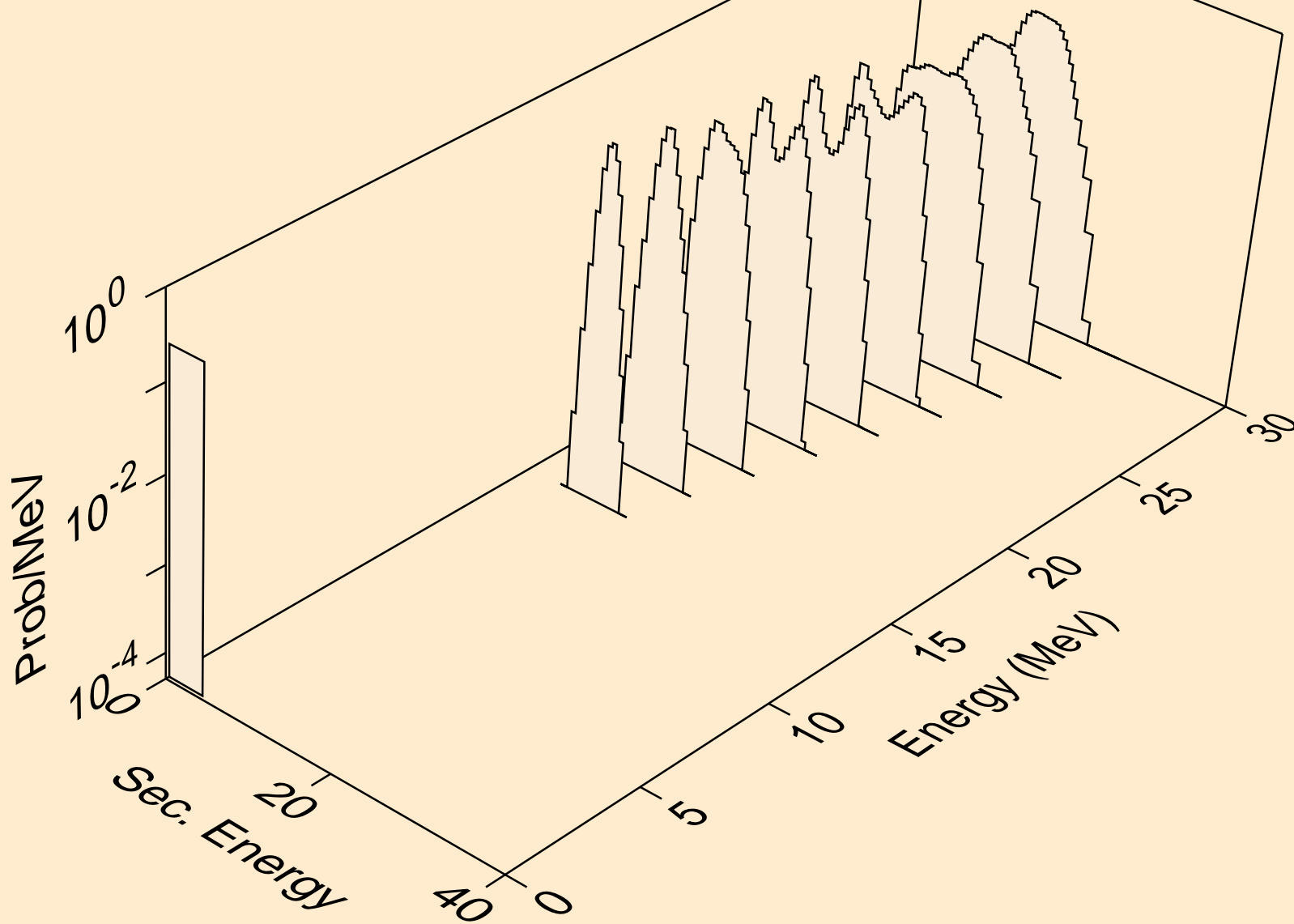
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alphas from (s,2n)a



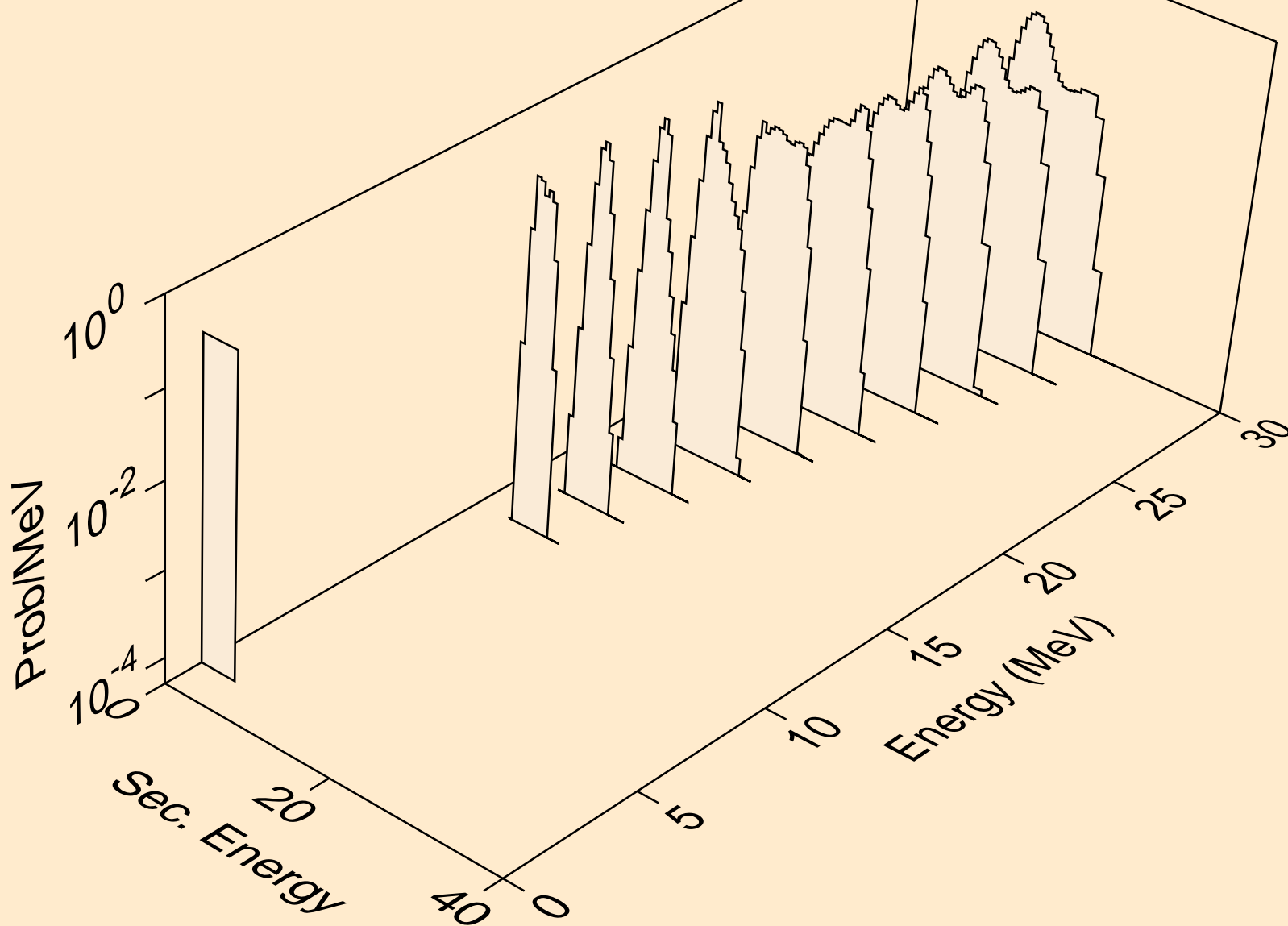
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alphas from (s,3n)a



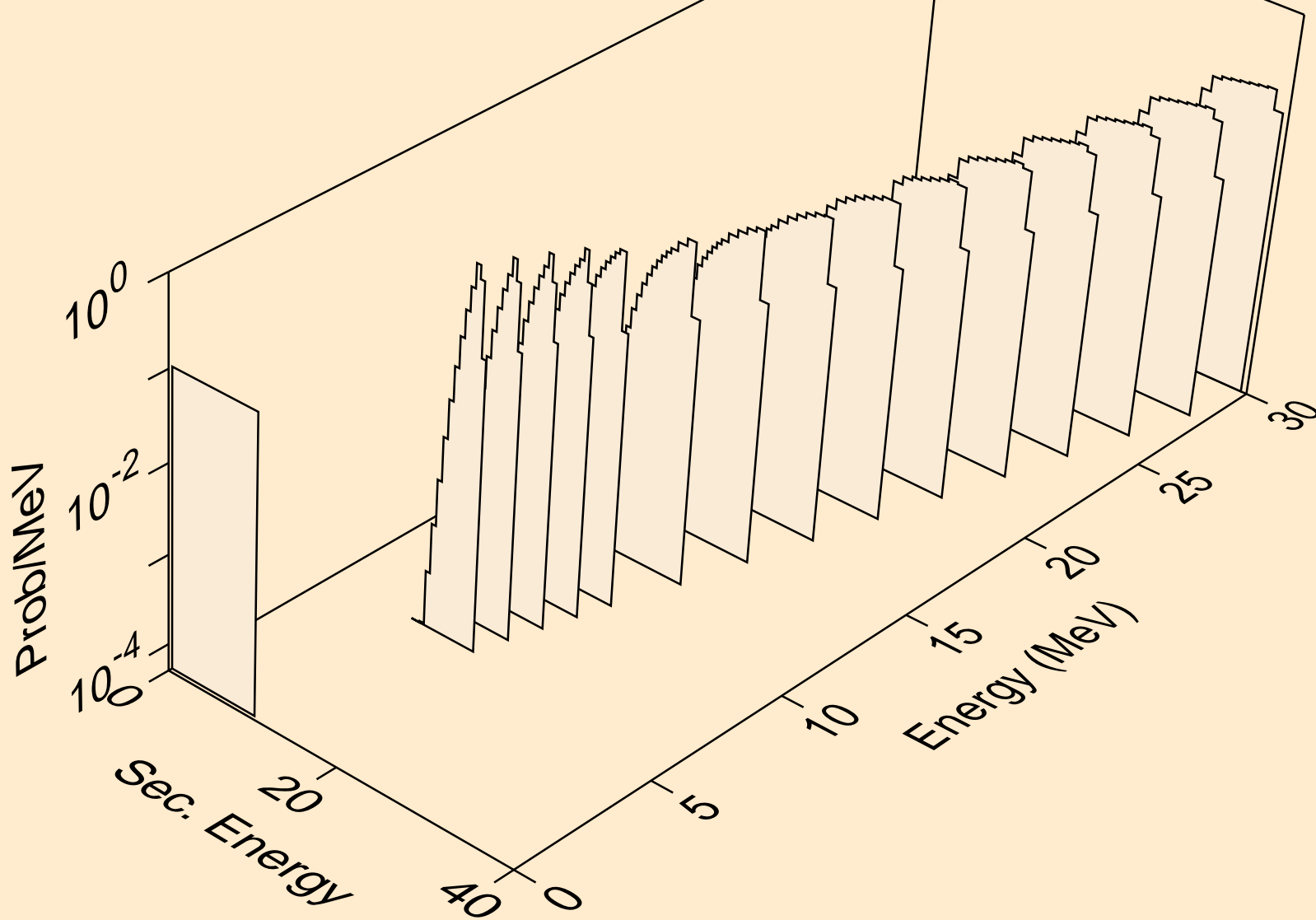
PR141 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)2a



PR141 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,npa)

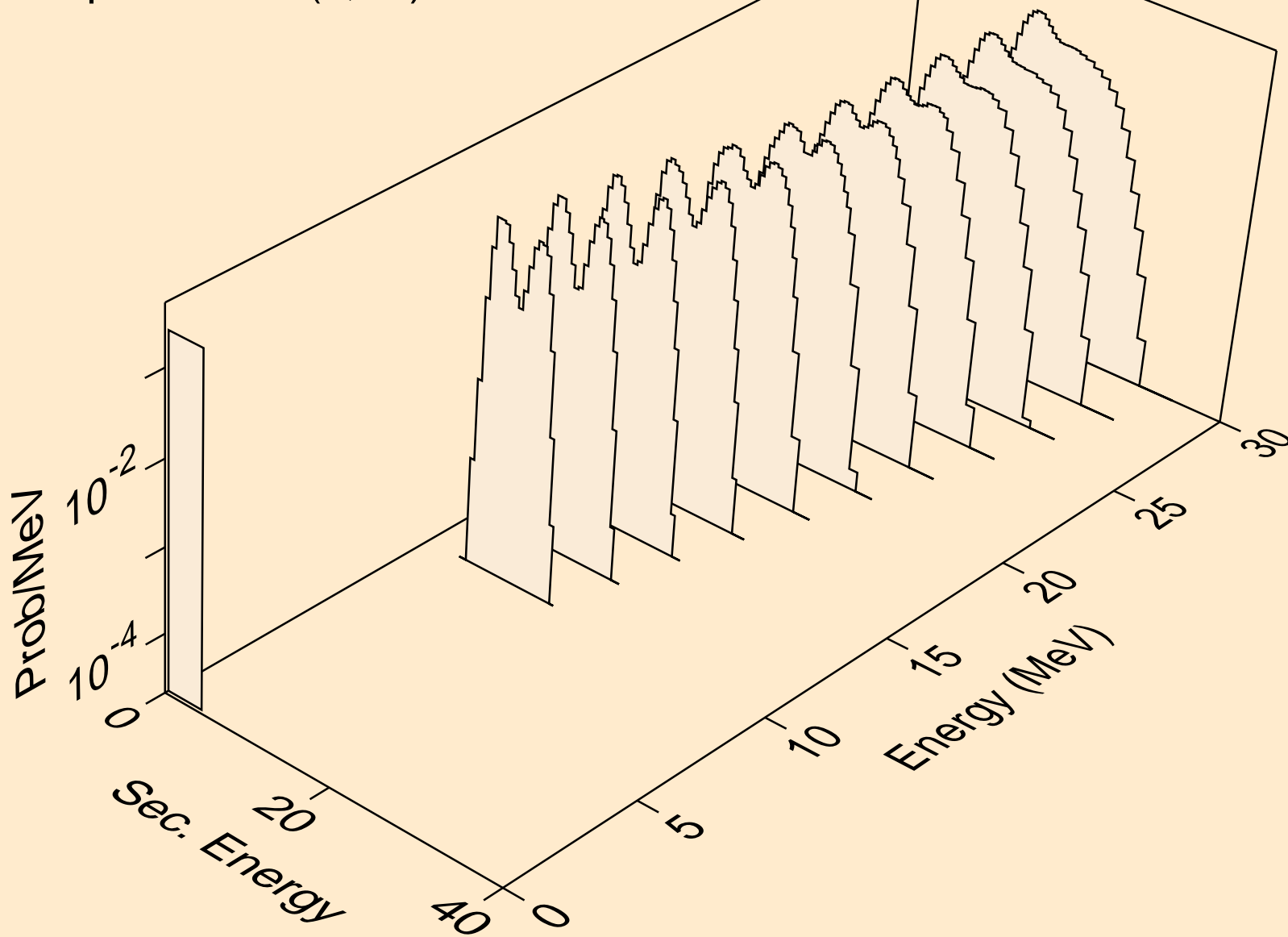


PR141 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,a)

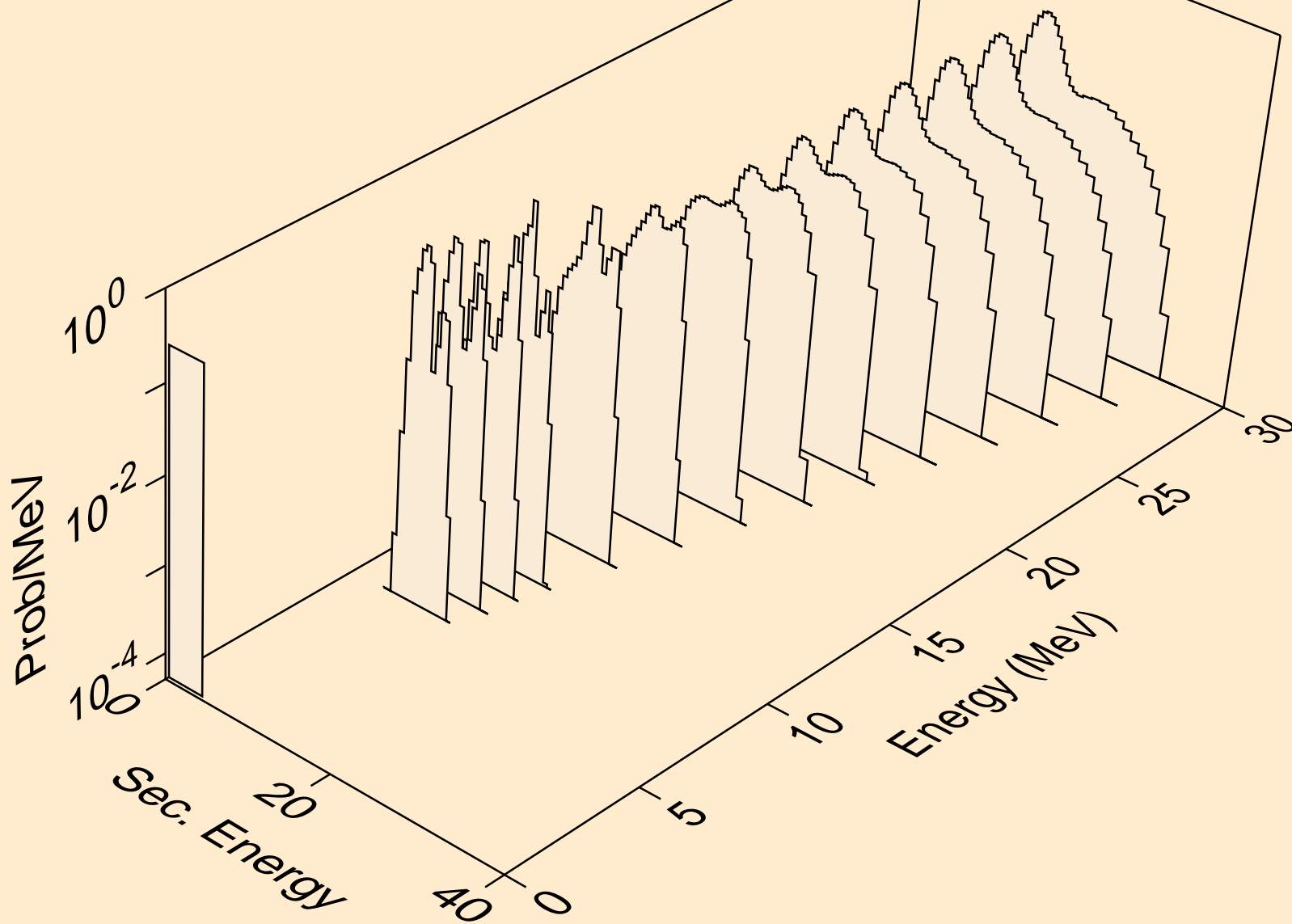




PR141 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2a)



PR141 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,pa)



PR141 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,da)

