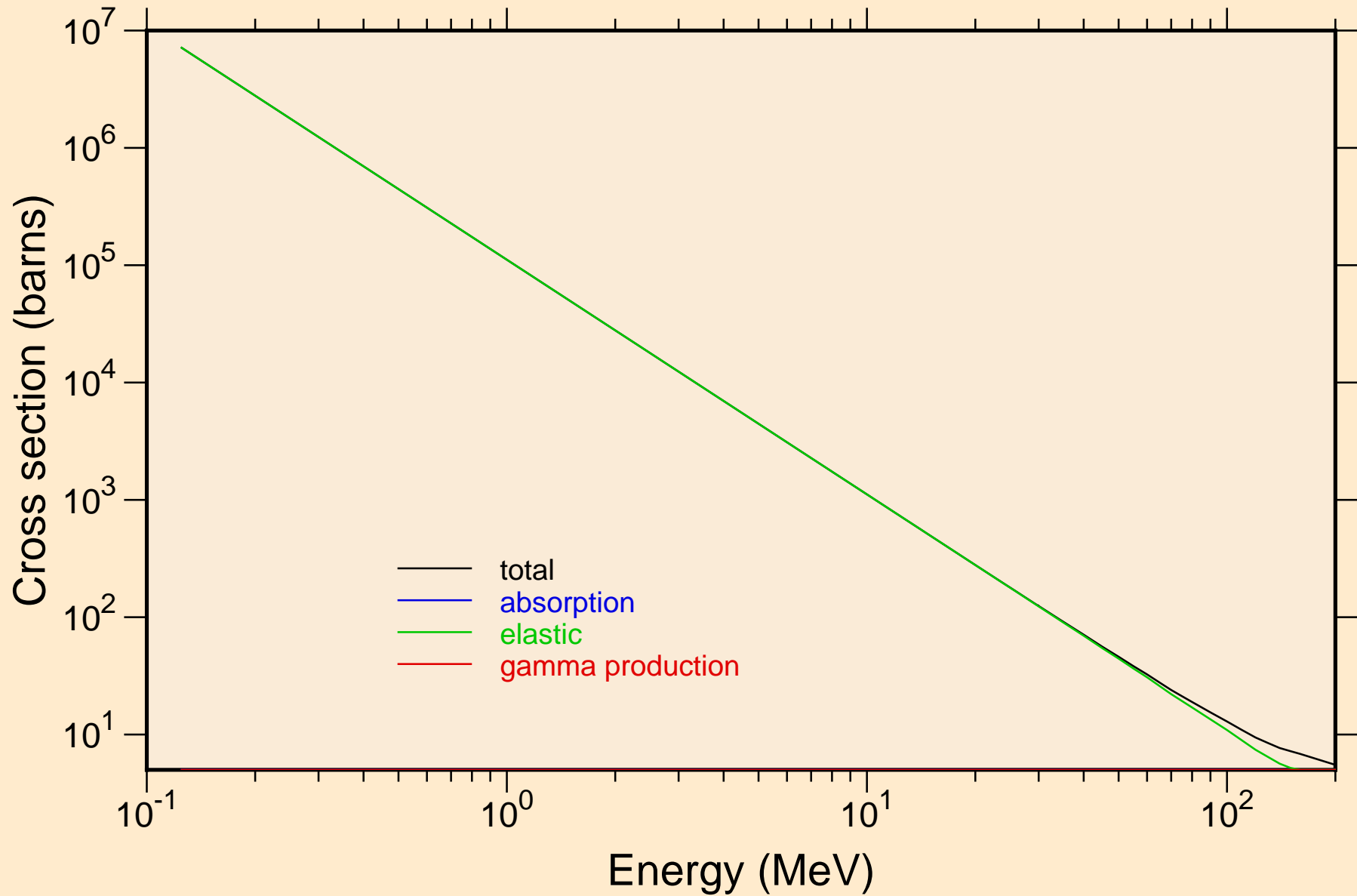
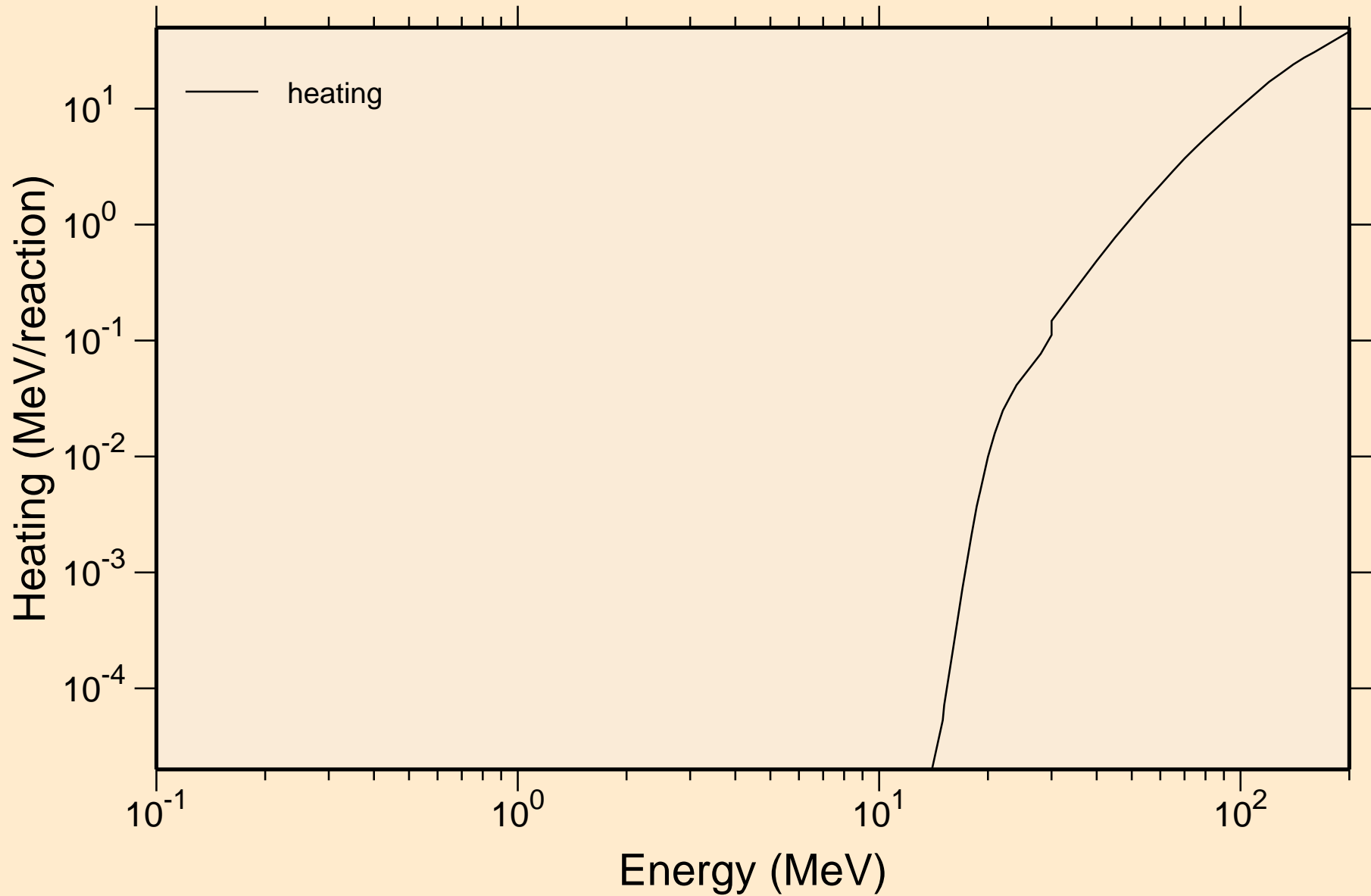


DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



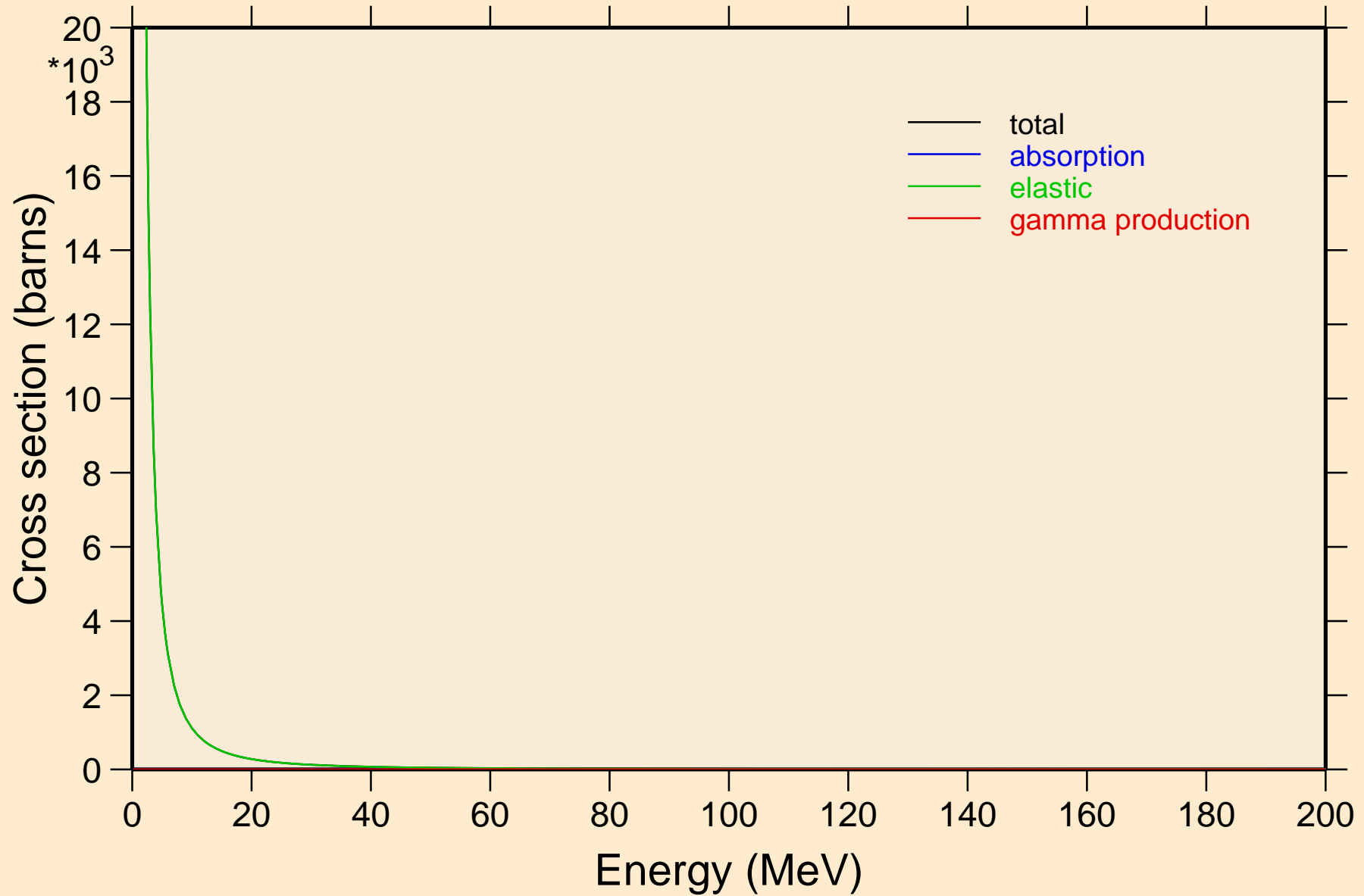
DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K

Heating



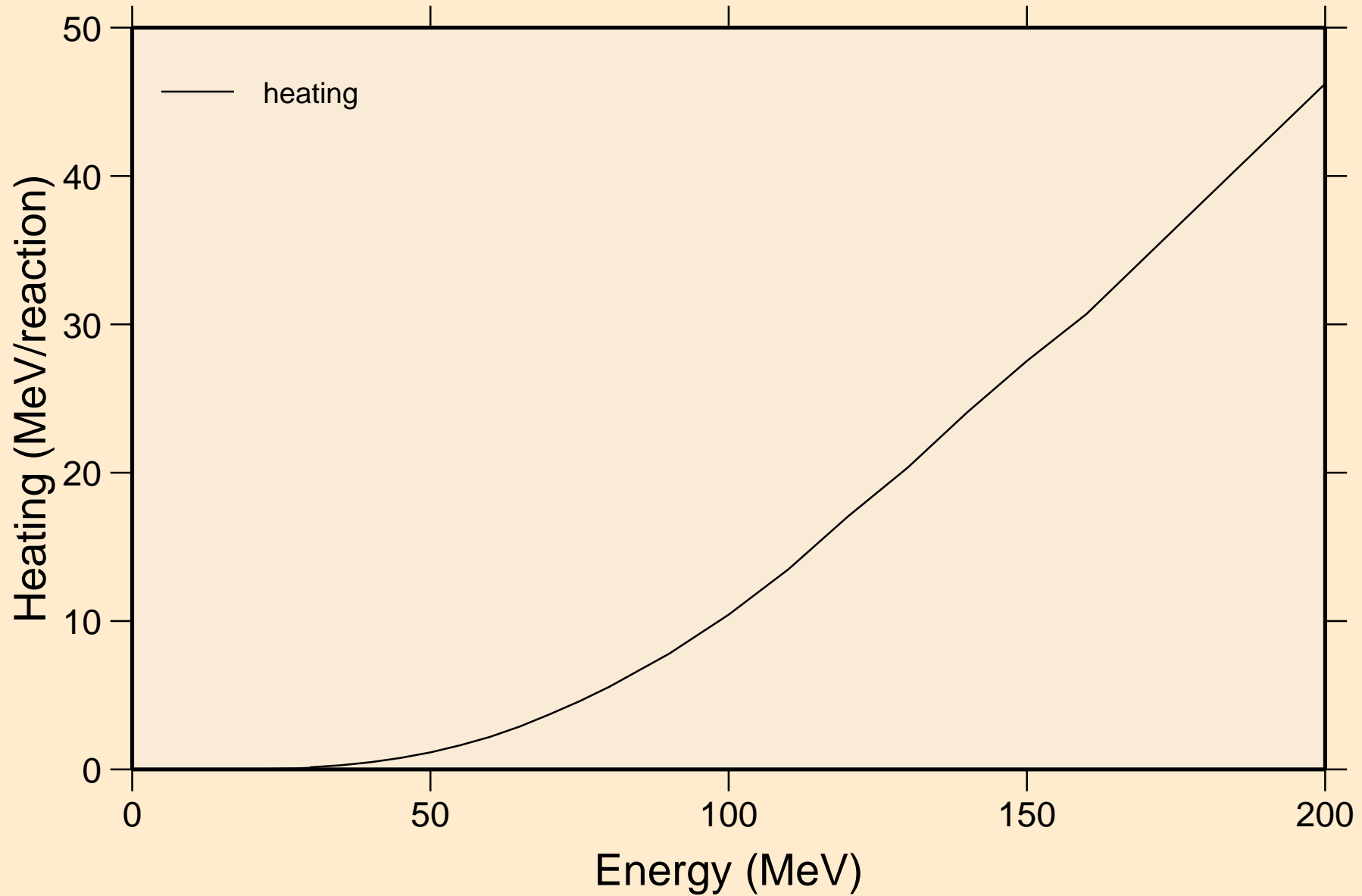
# DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

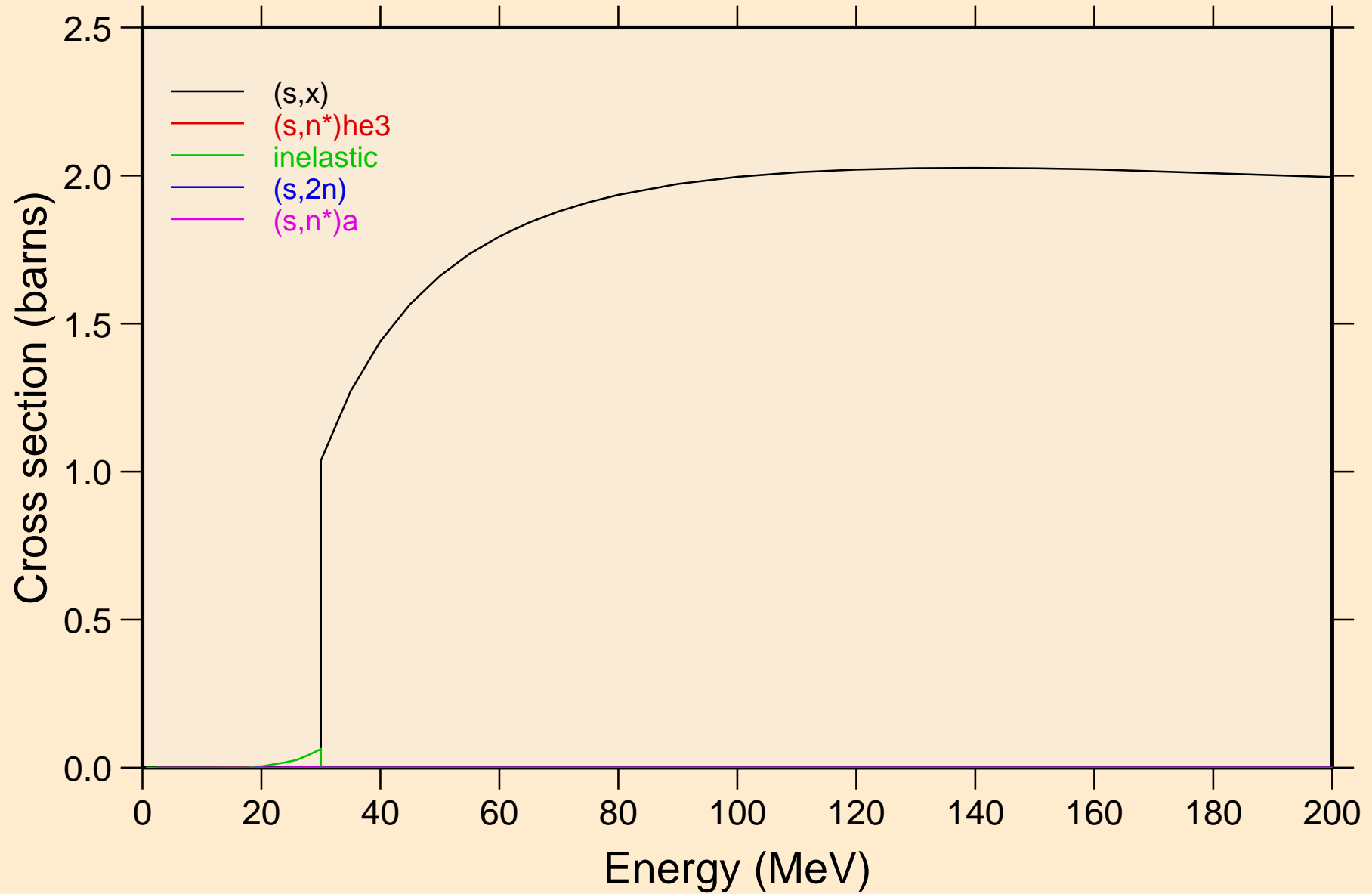


DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K

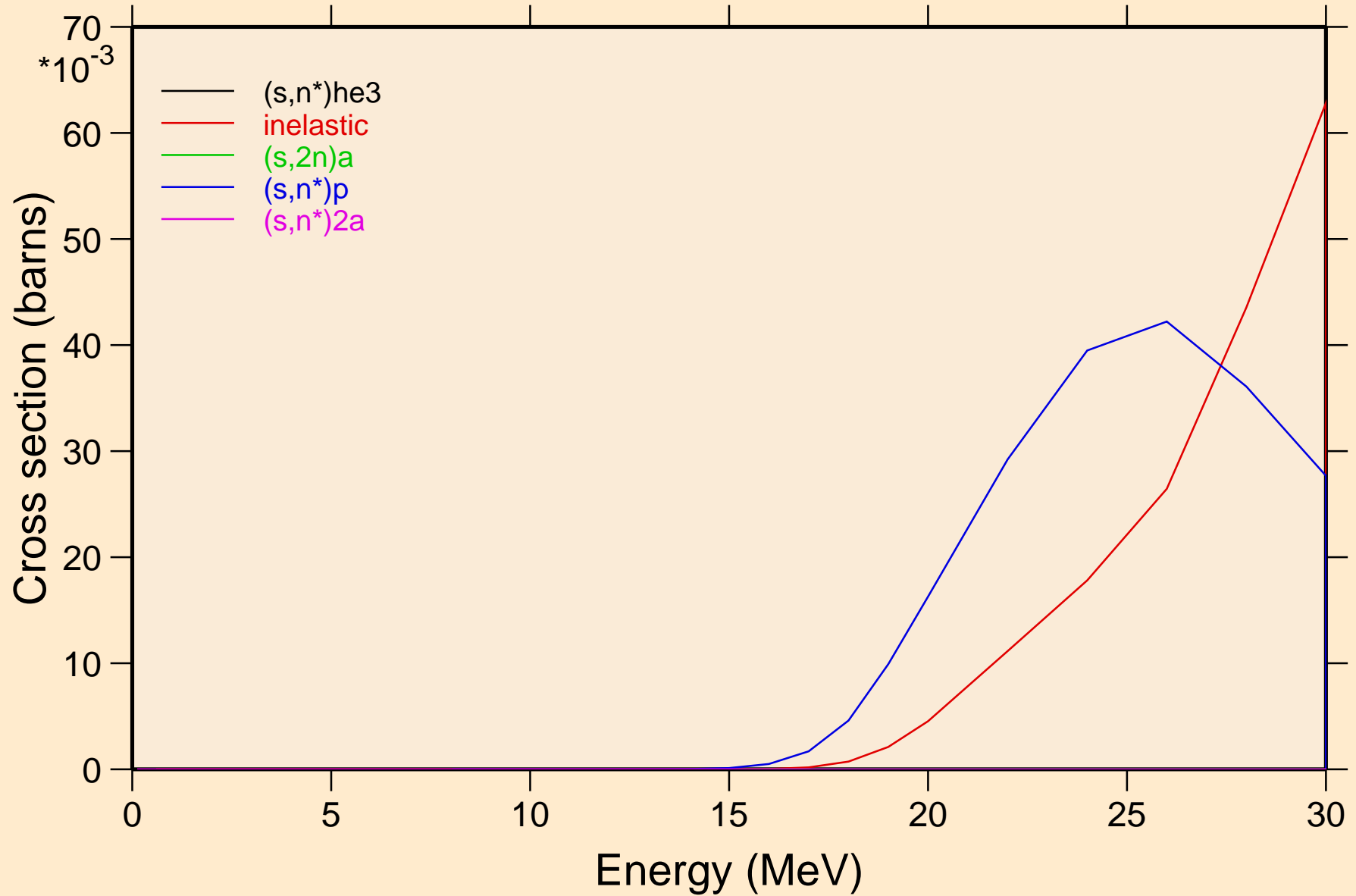
Heating



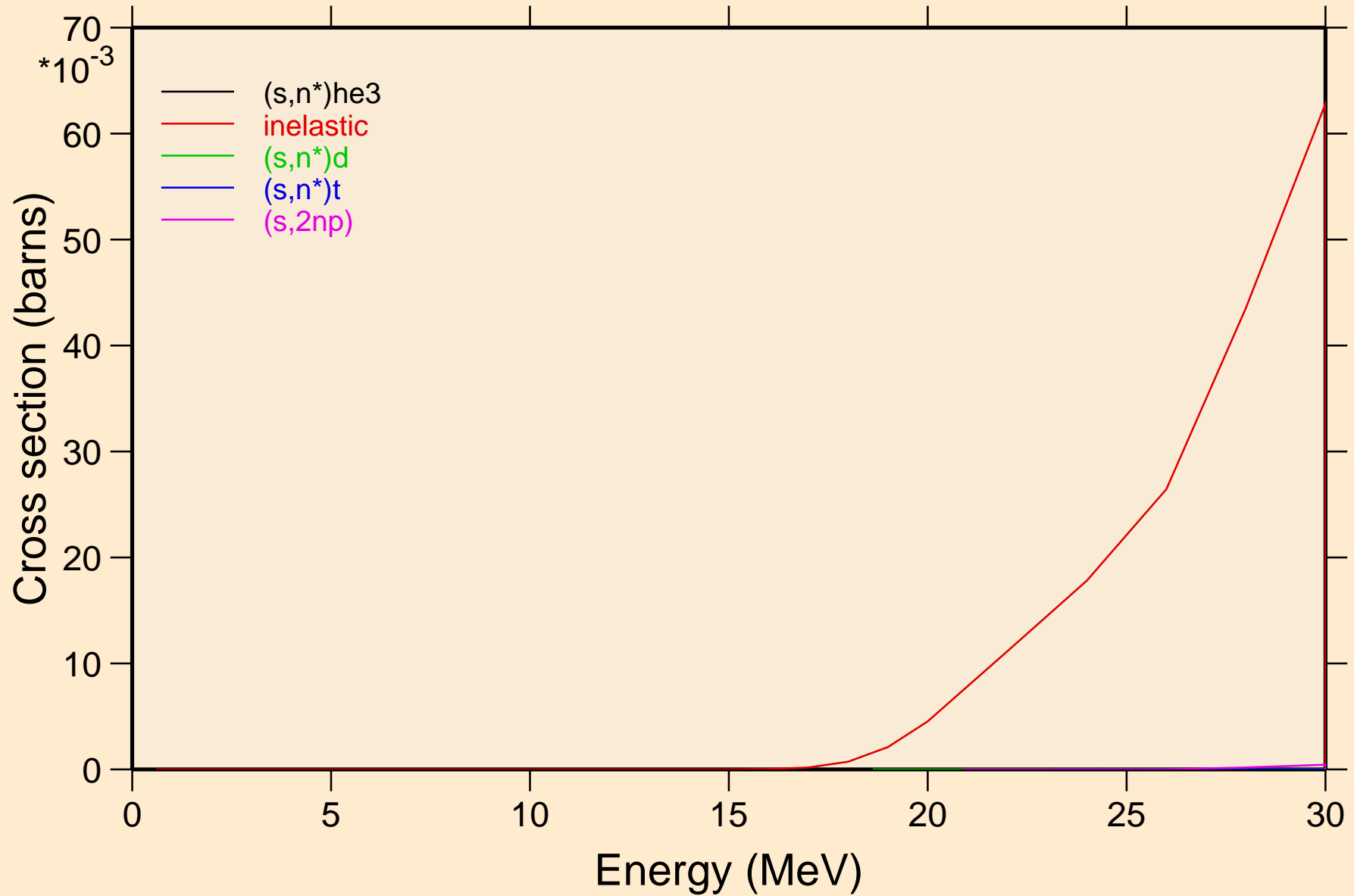
DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



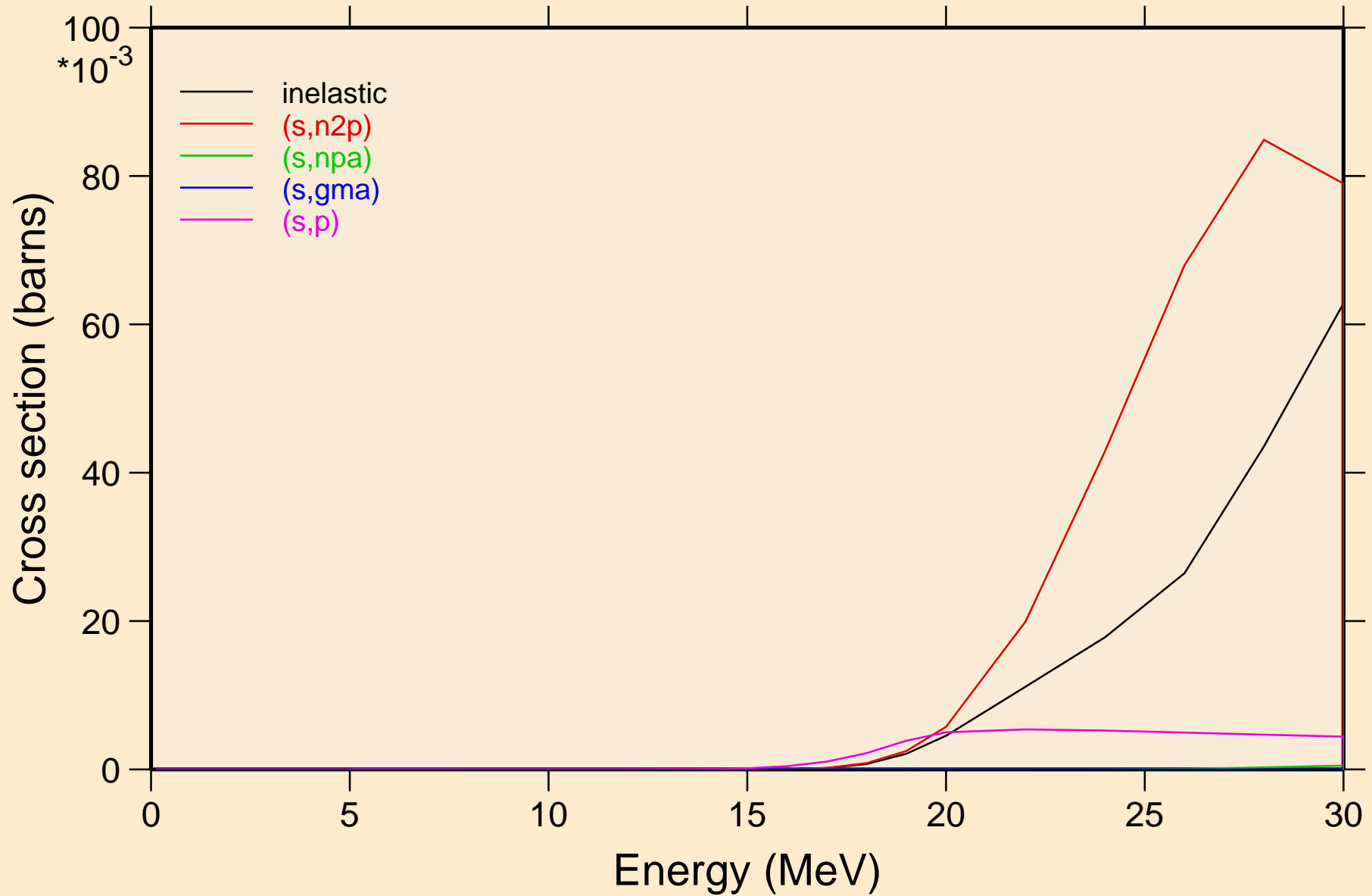
DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



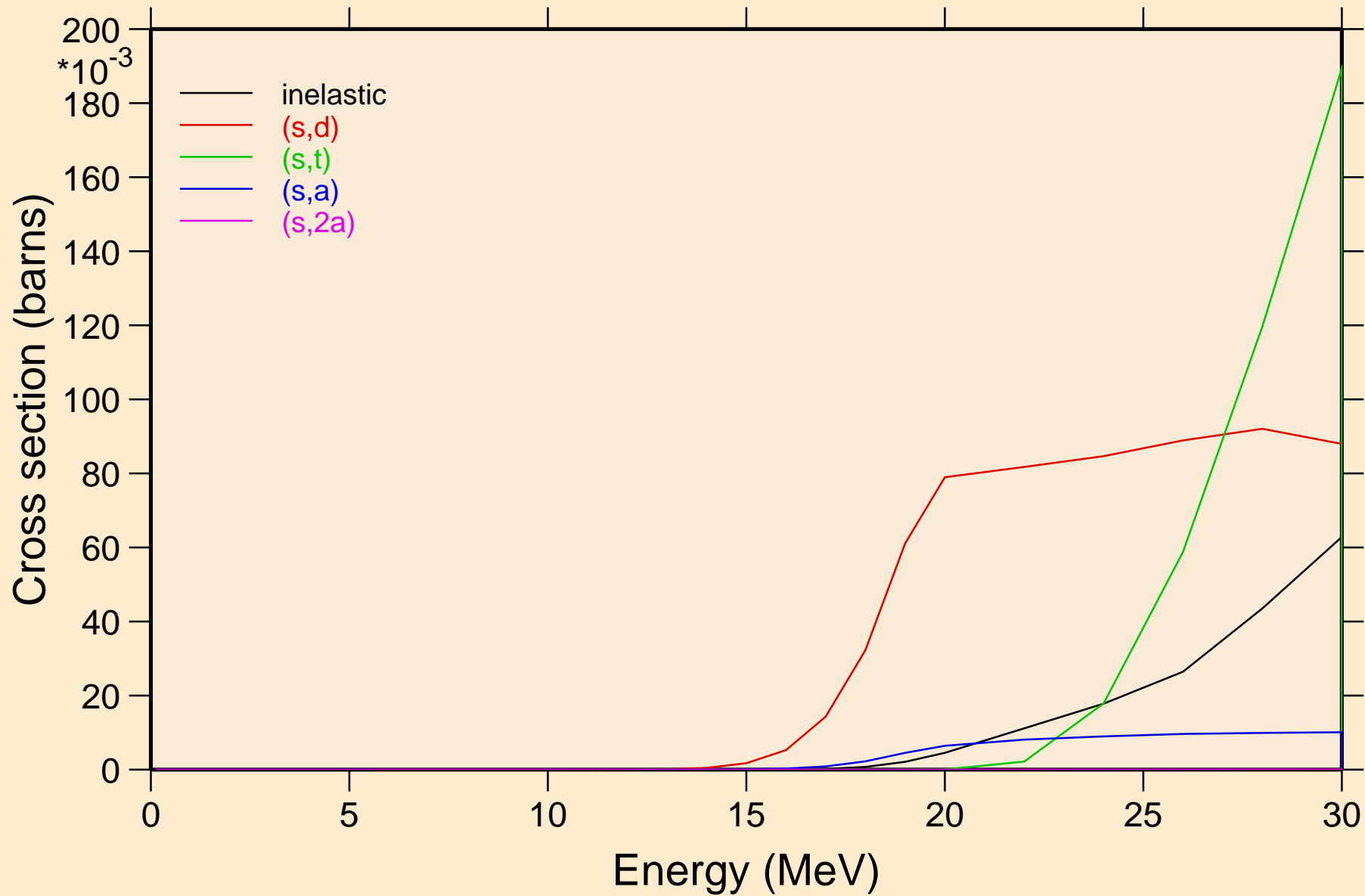
DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



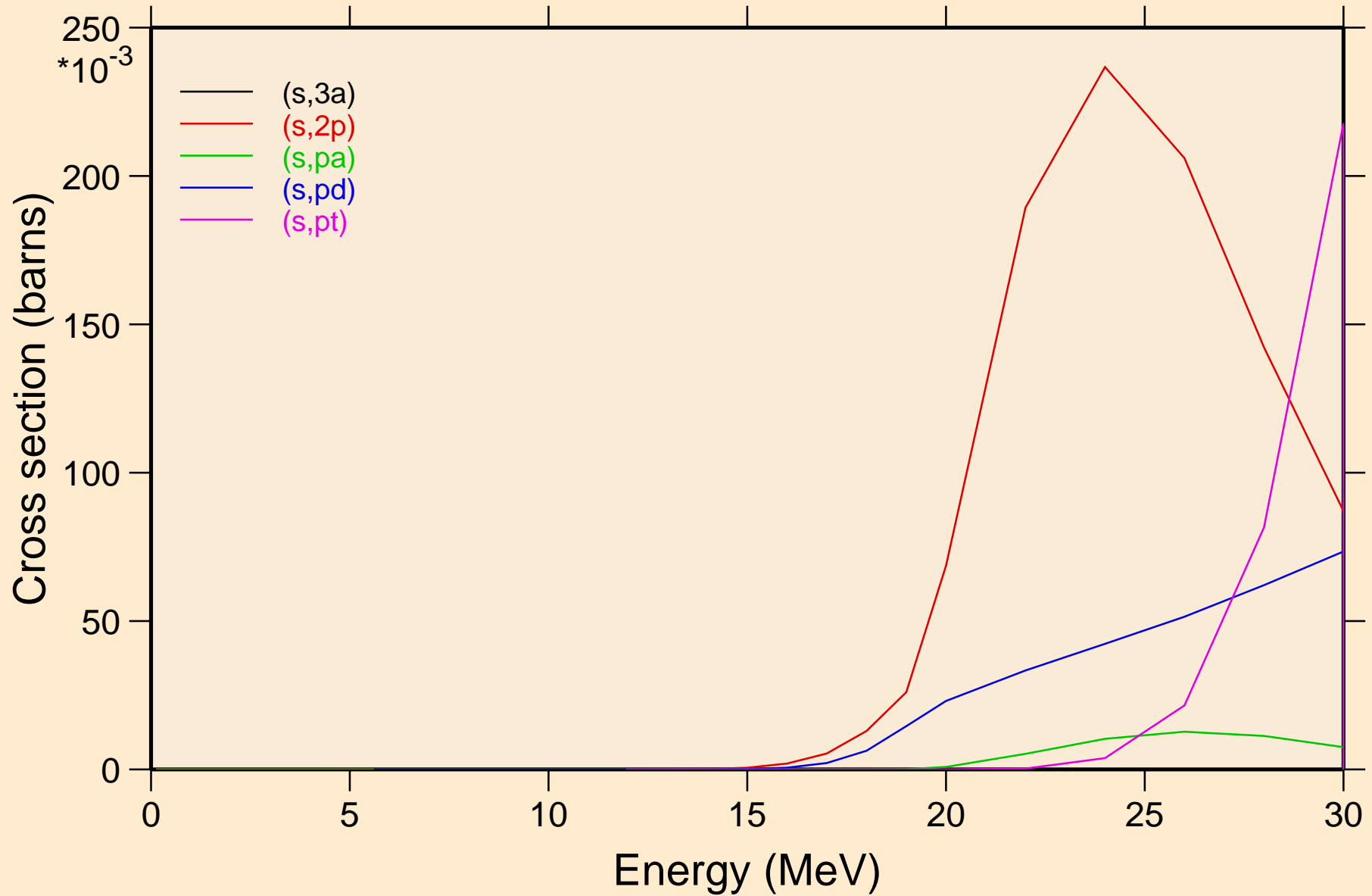


# DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K

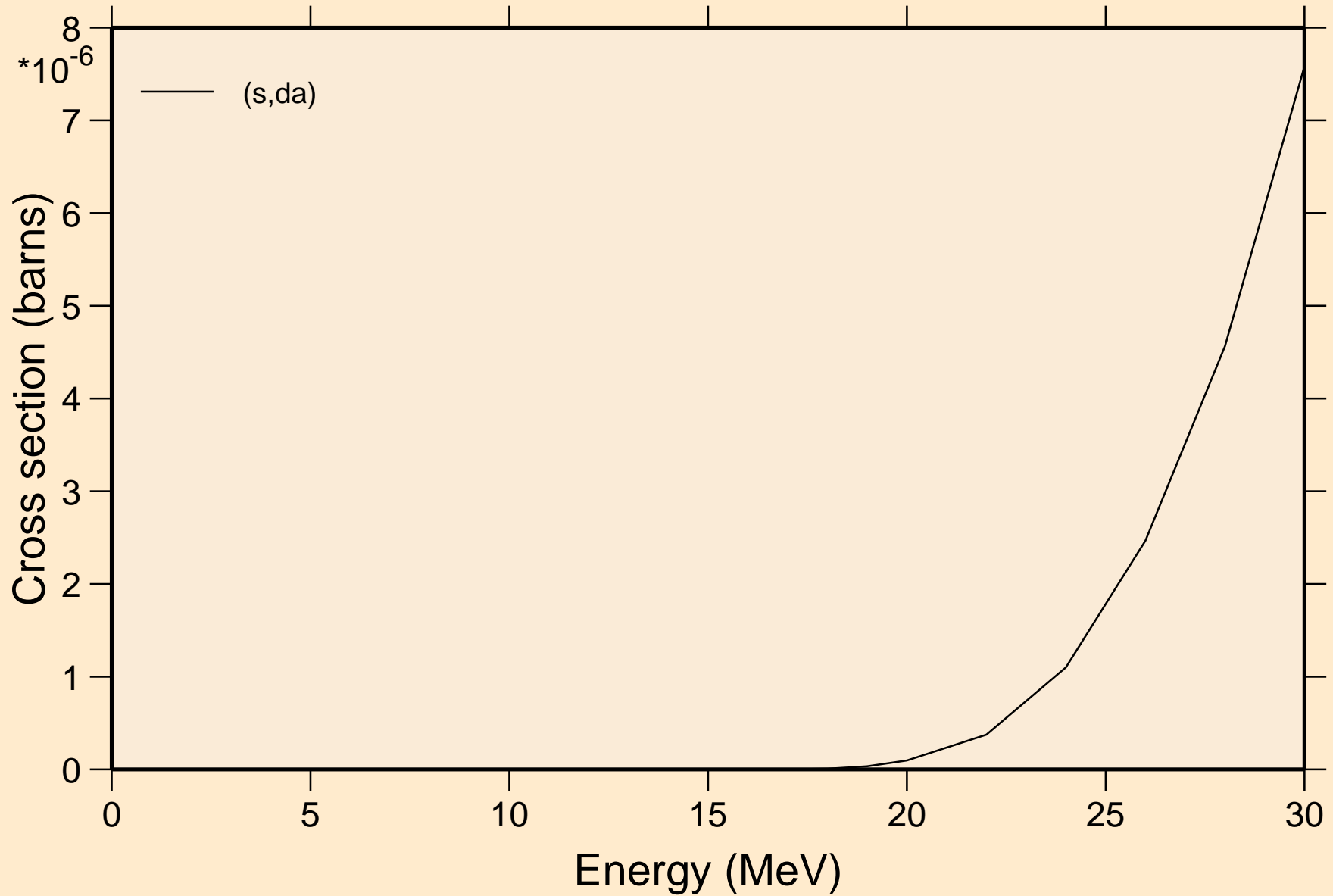
## Threshold reactions



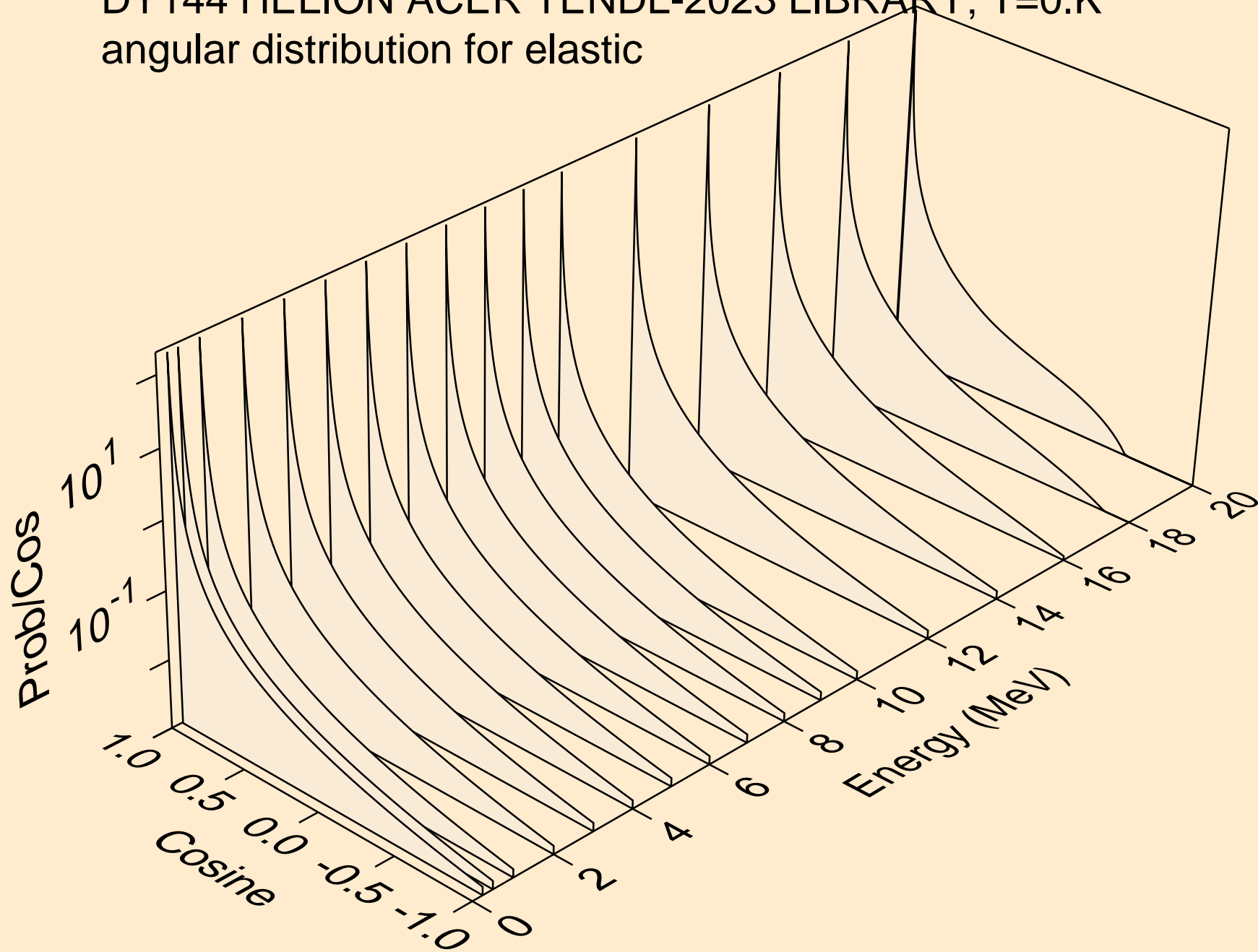
DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



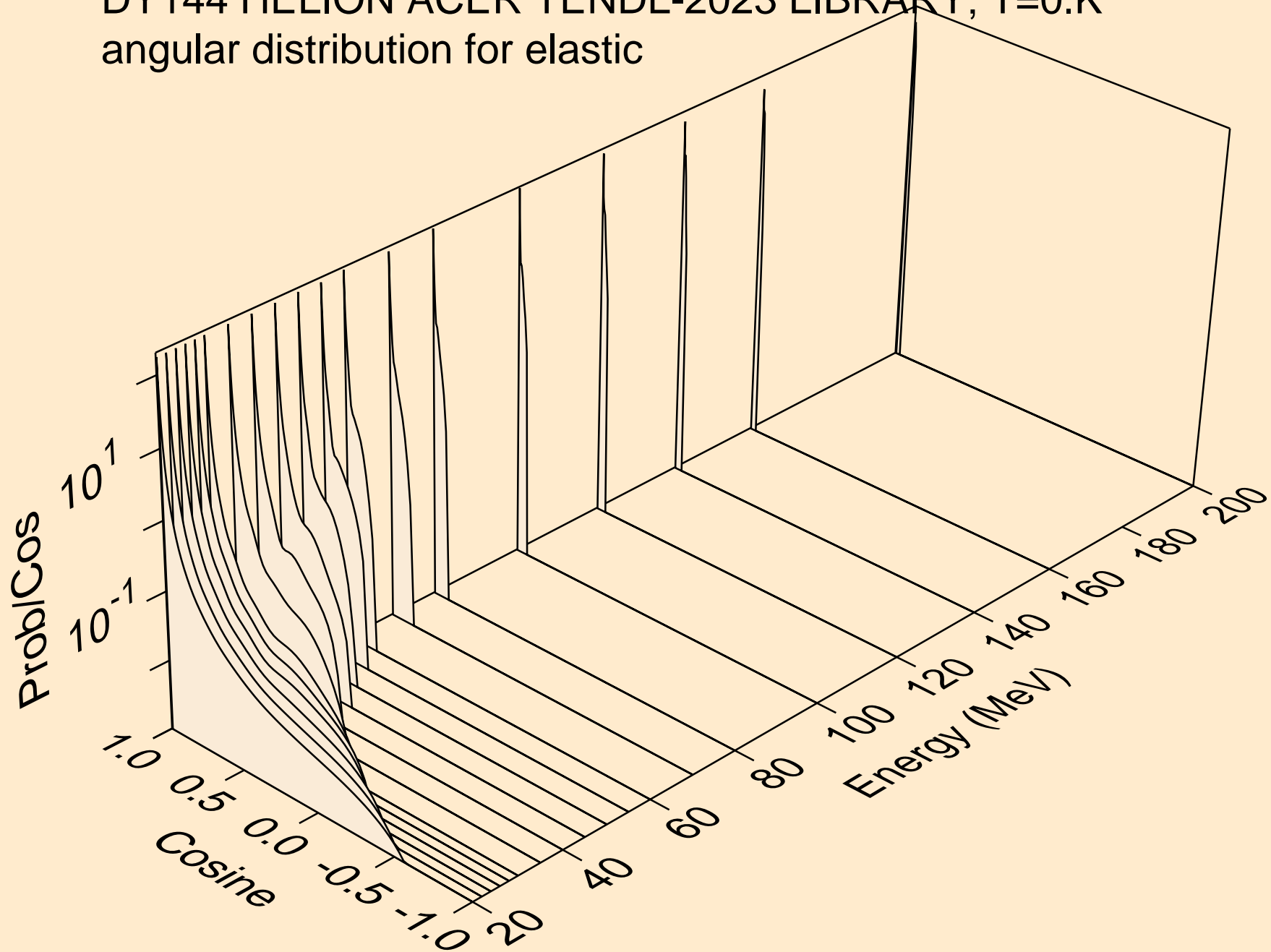
DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



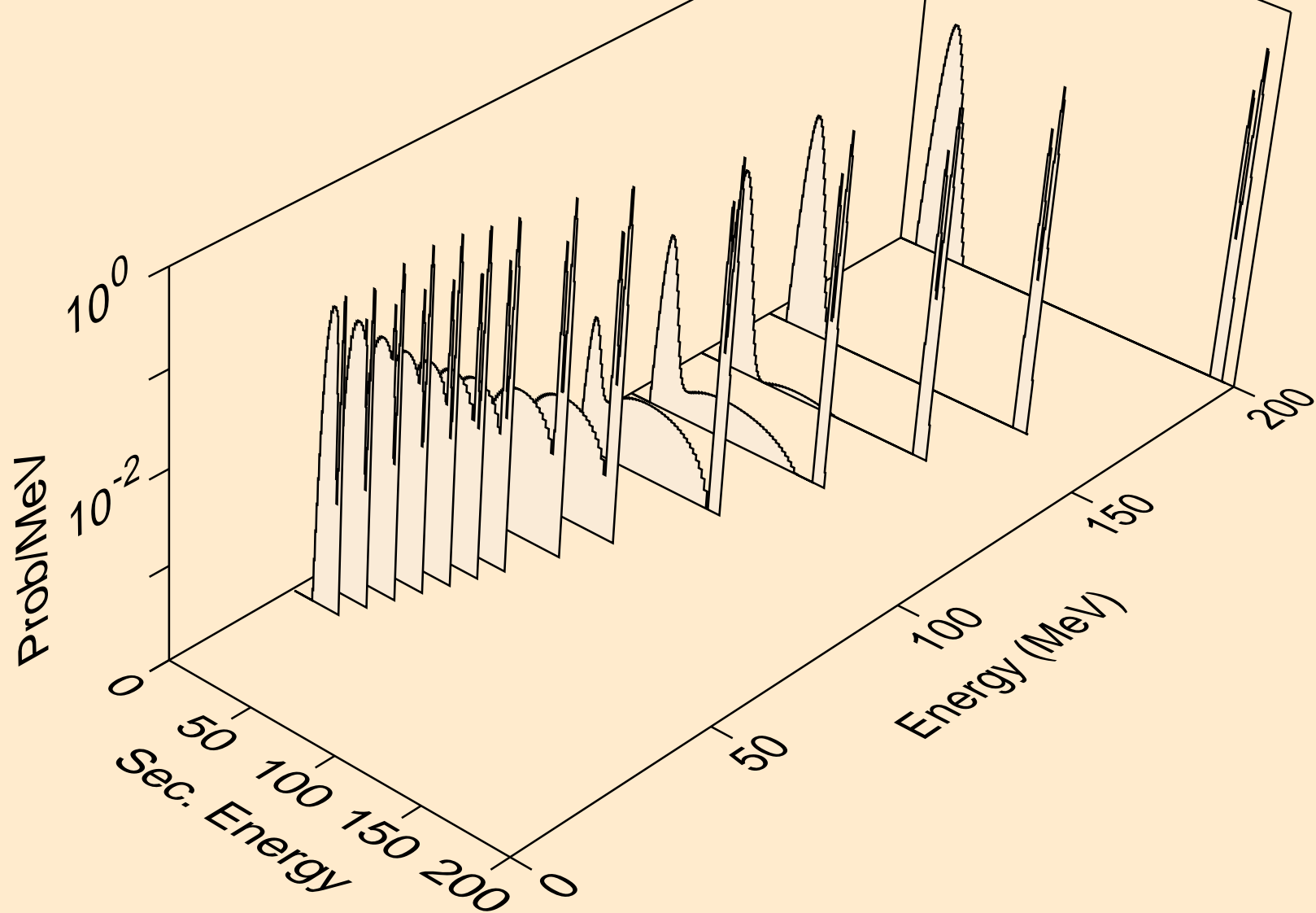
DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



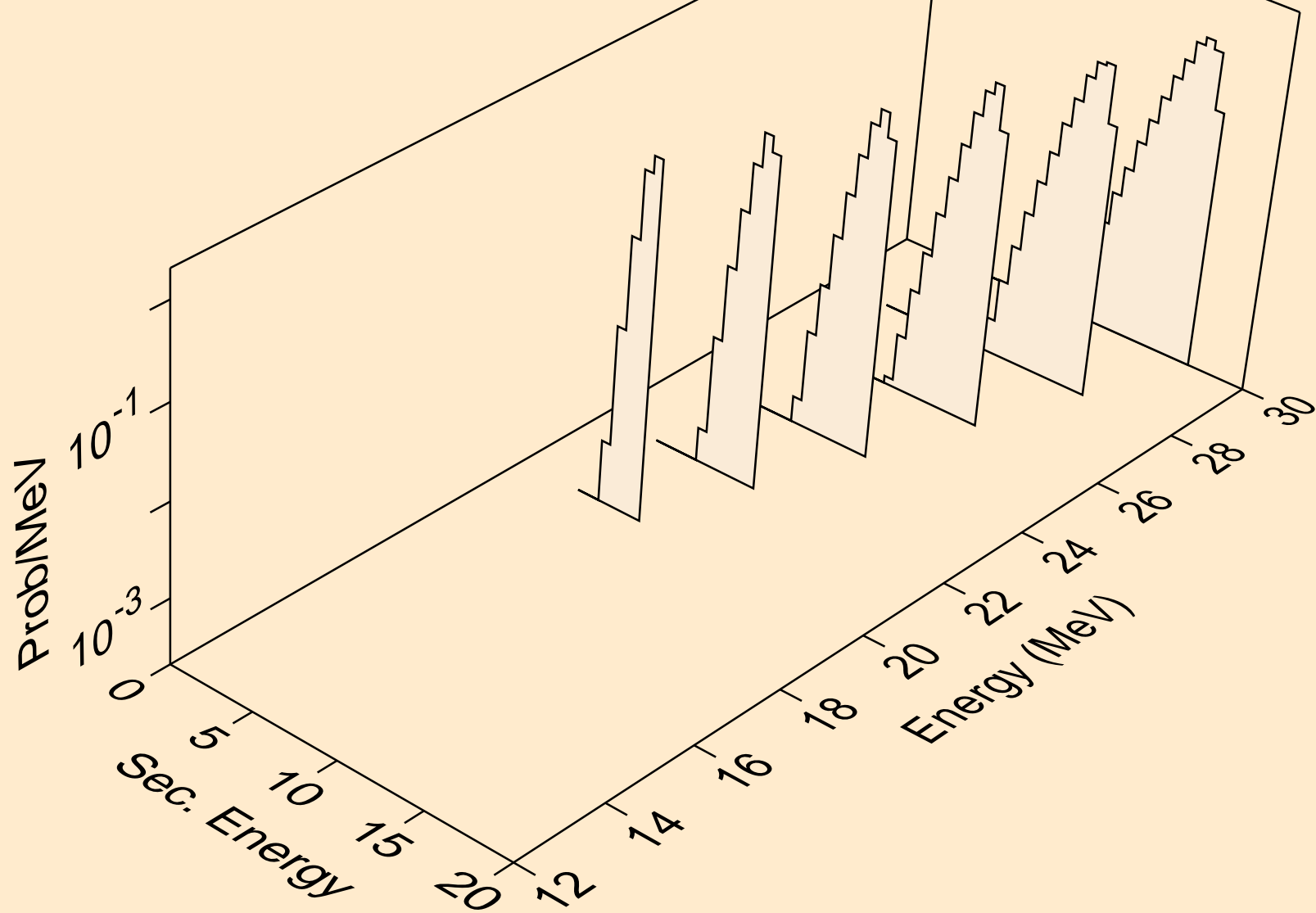
DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



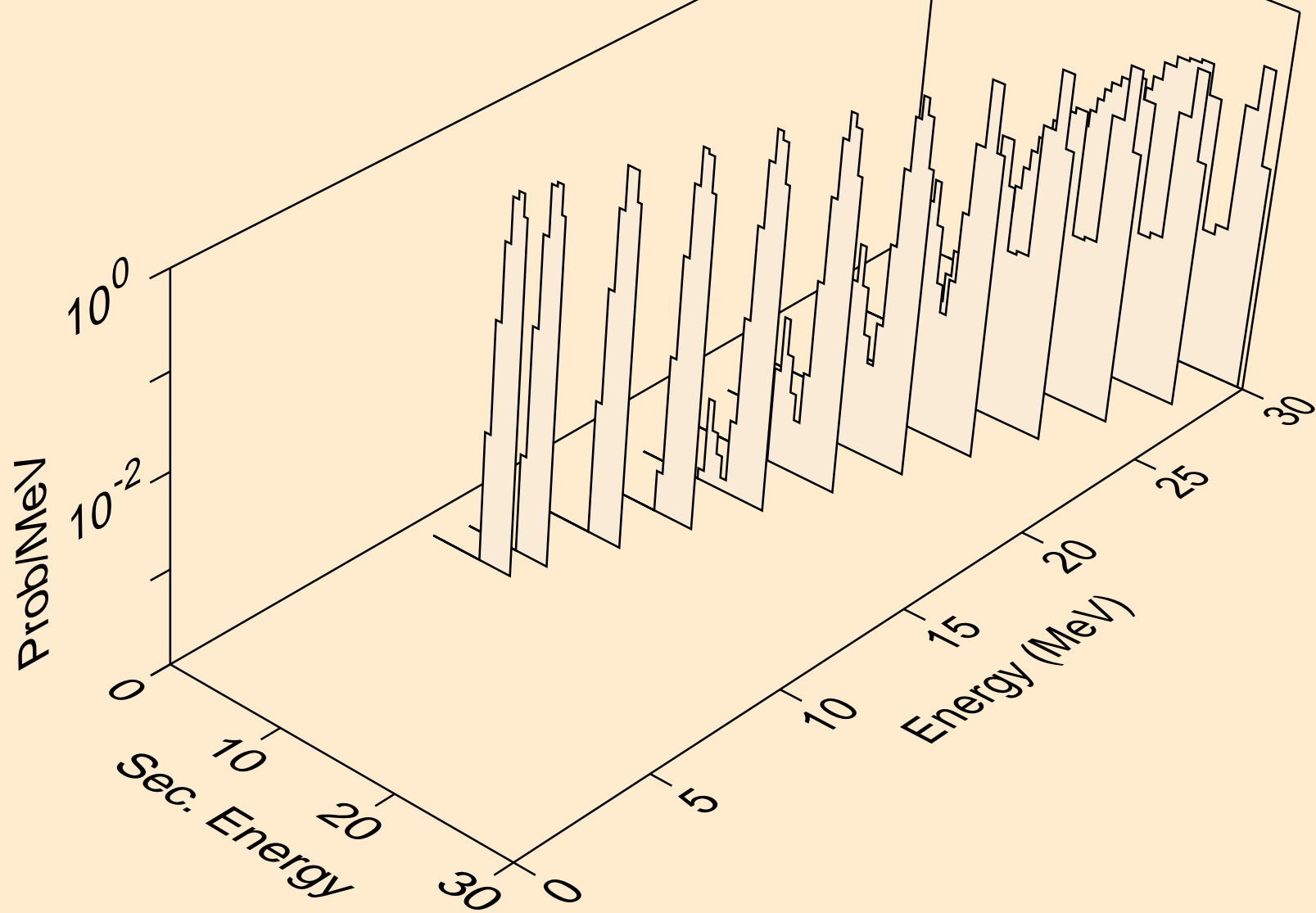
DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,x)



DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

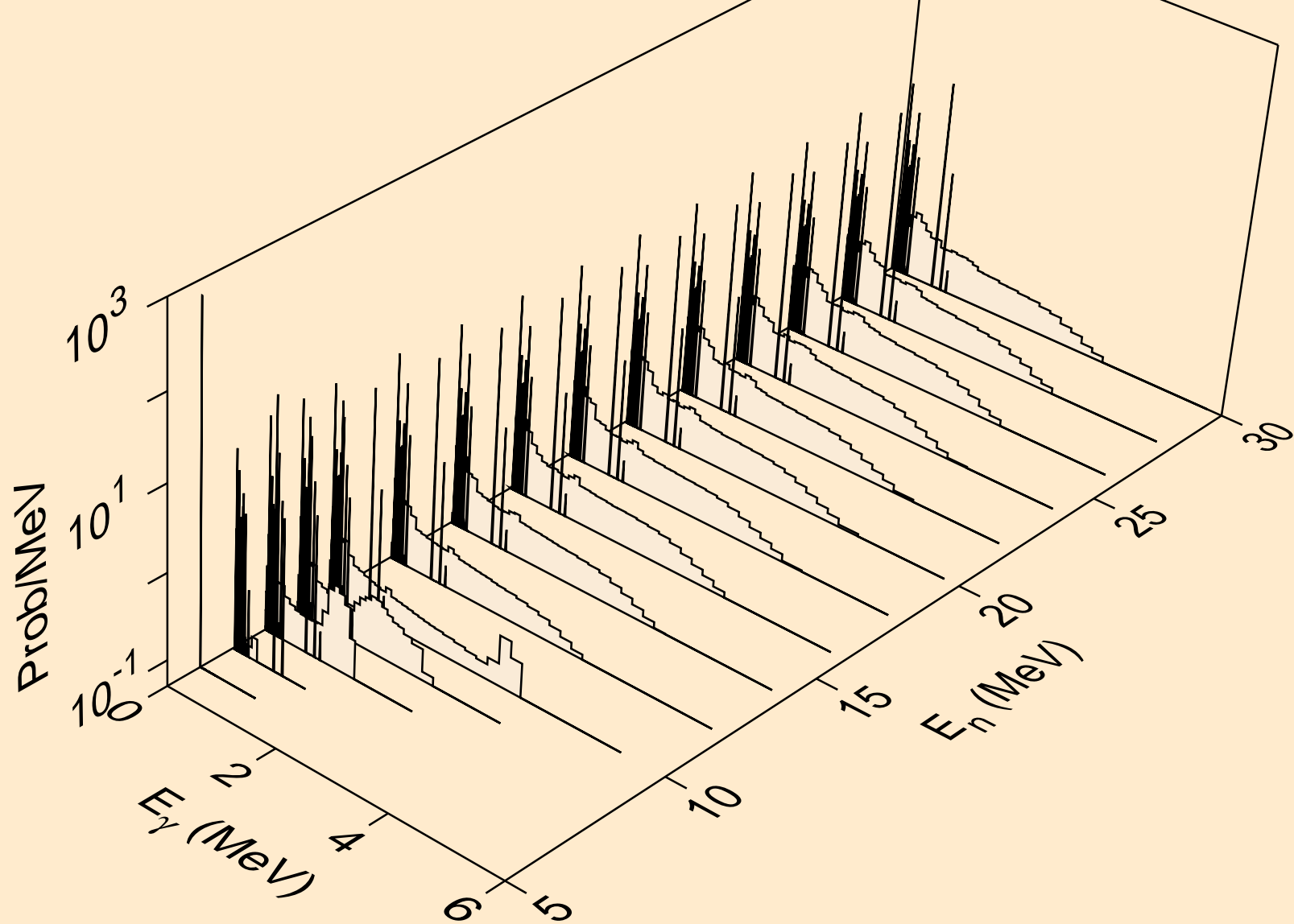


DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for inelastic

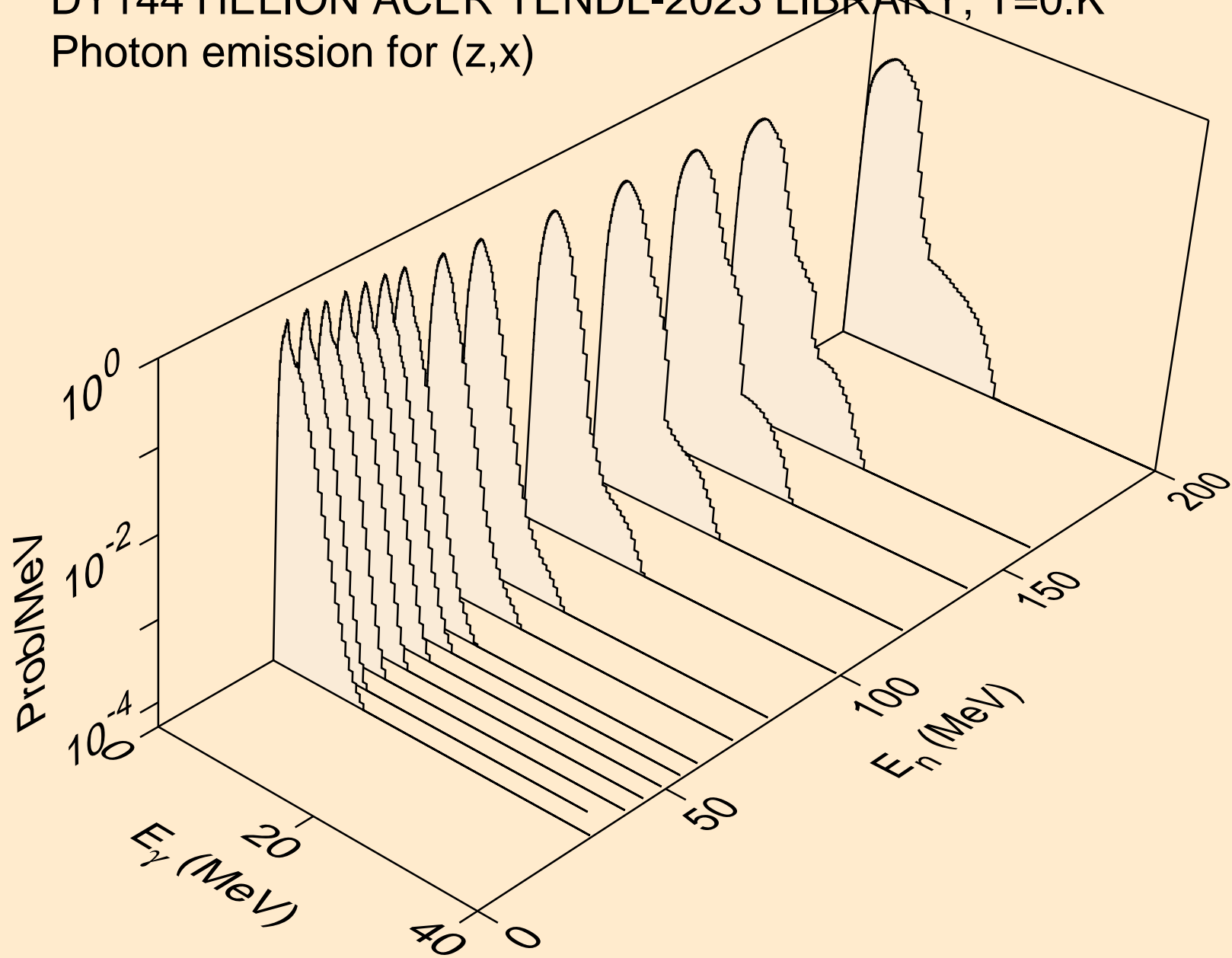




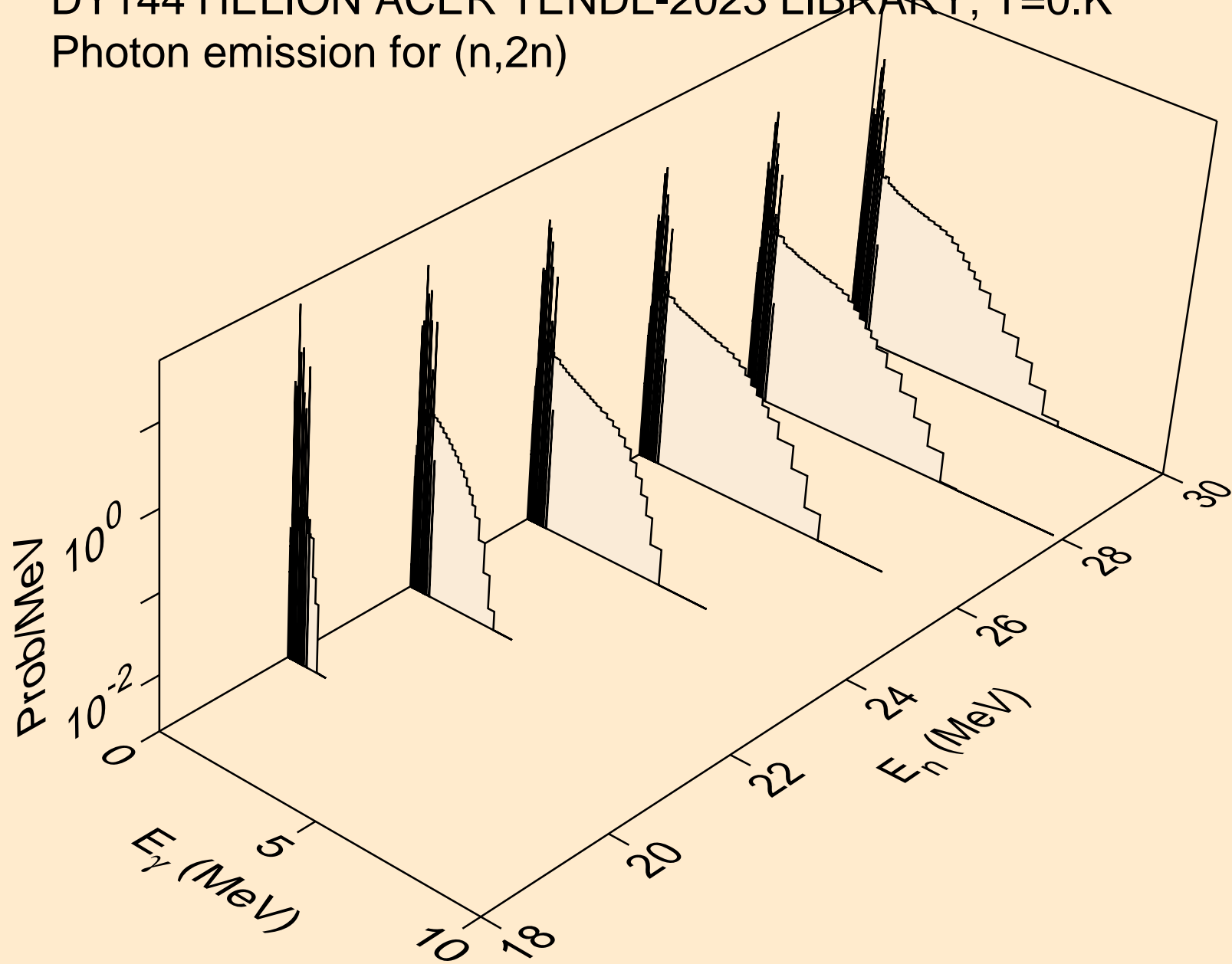
DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



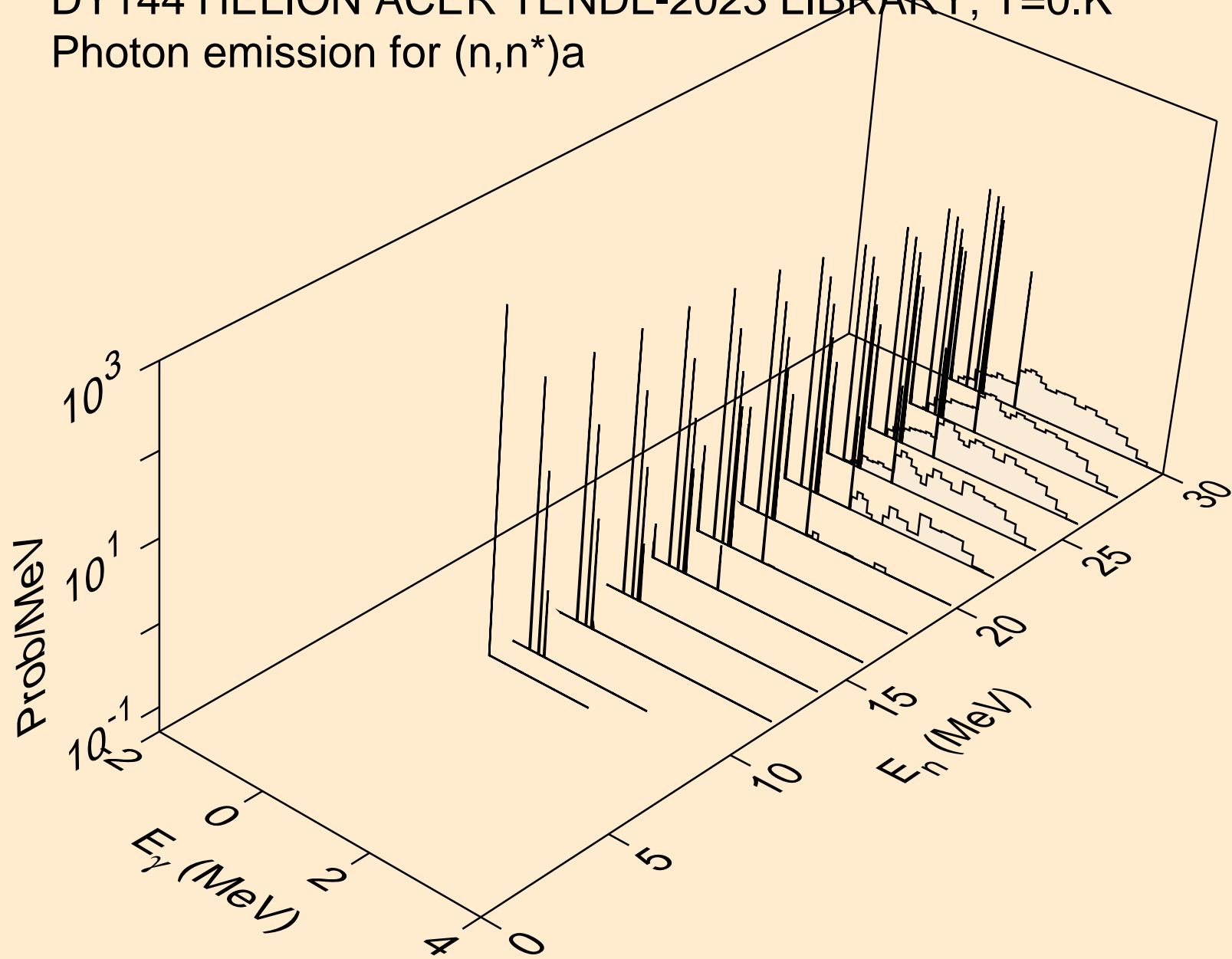
DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



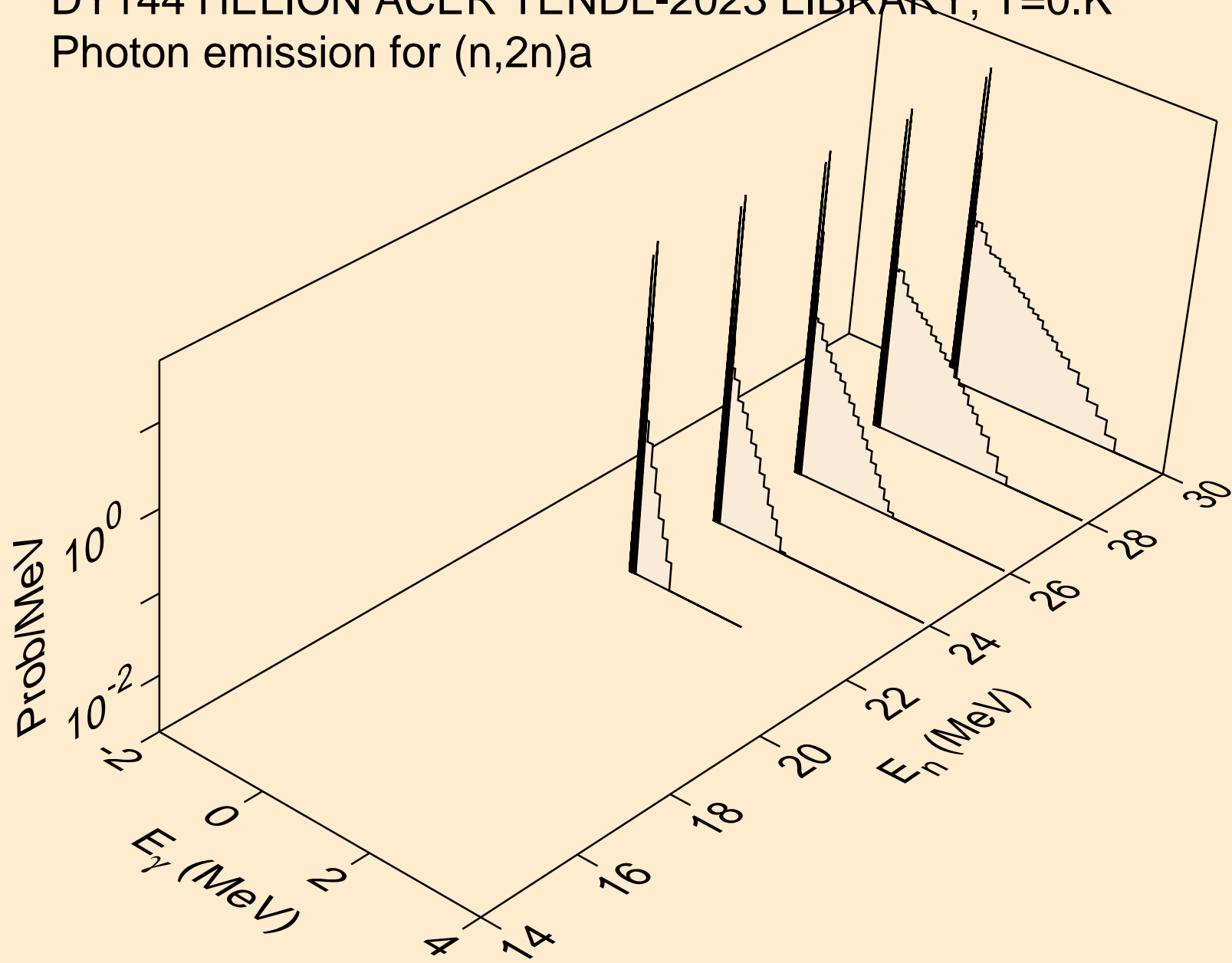
DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



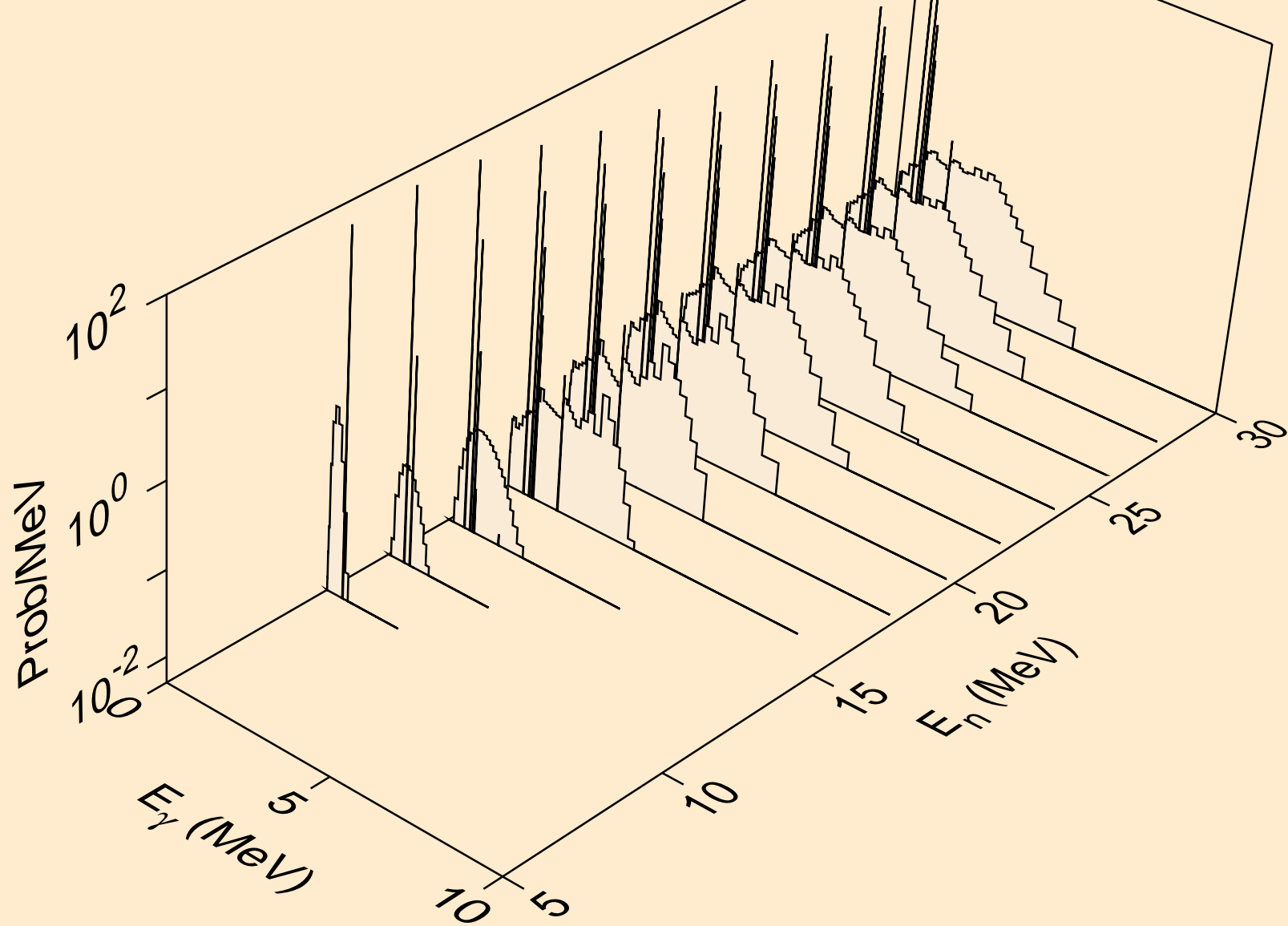
DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



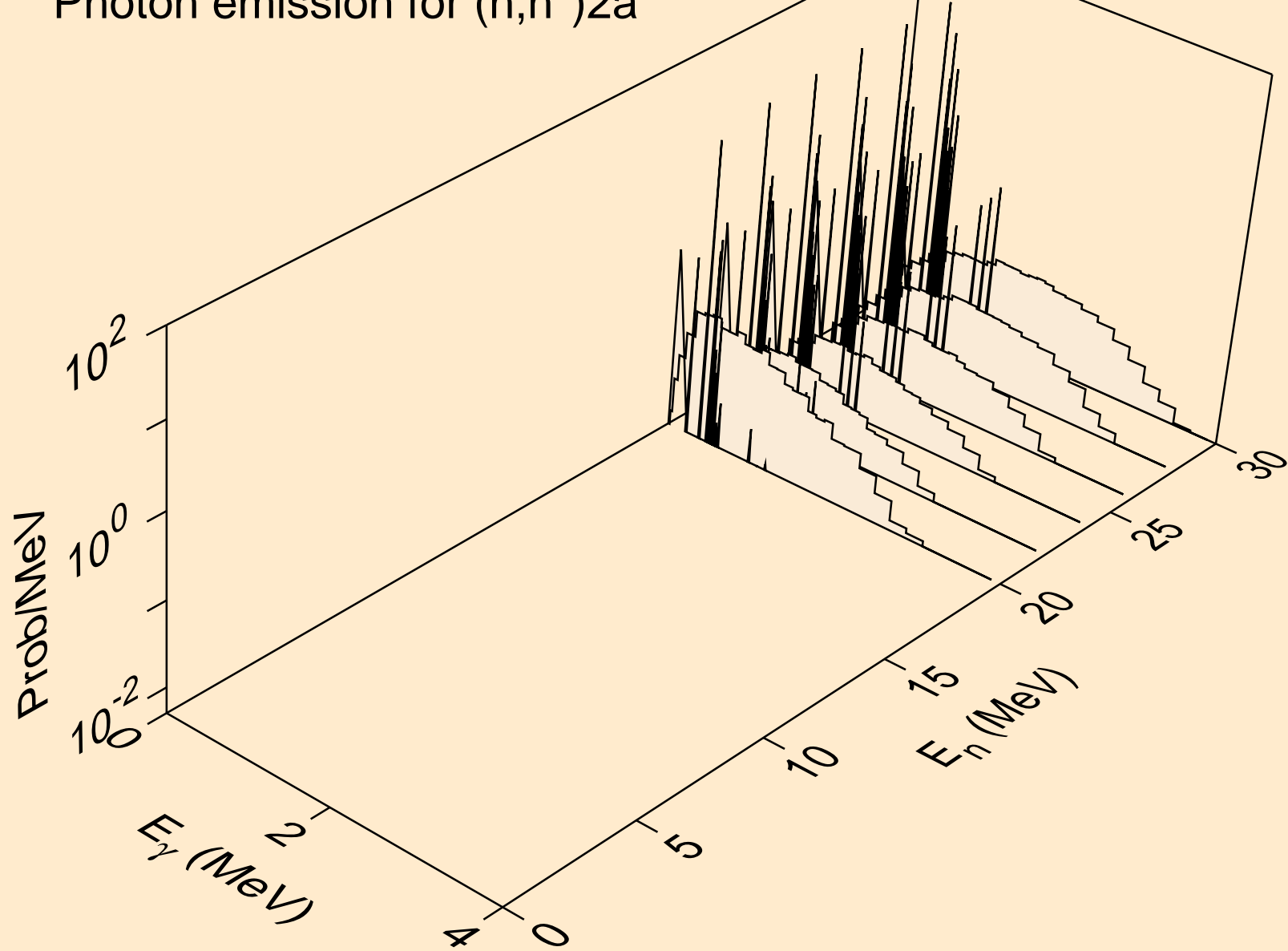
DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



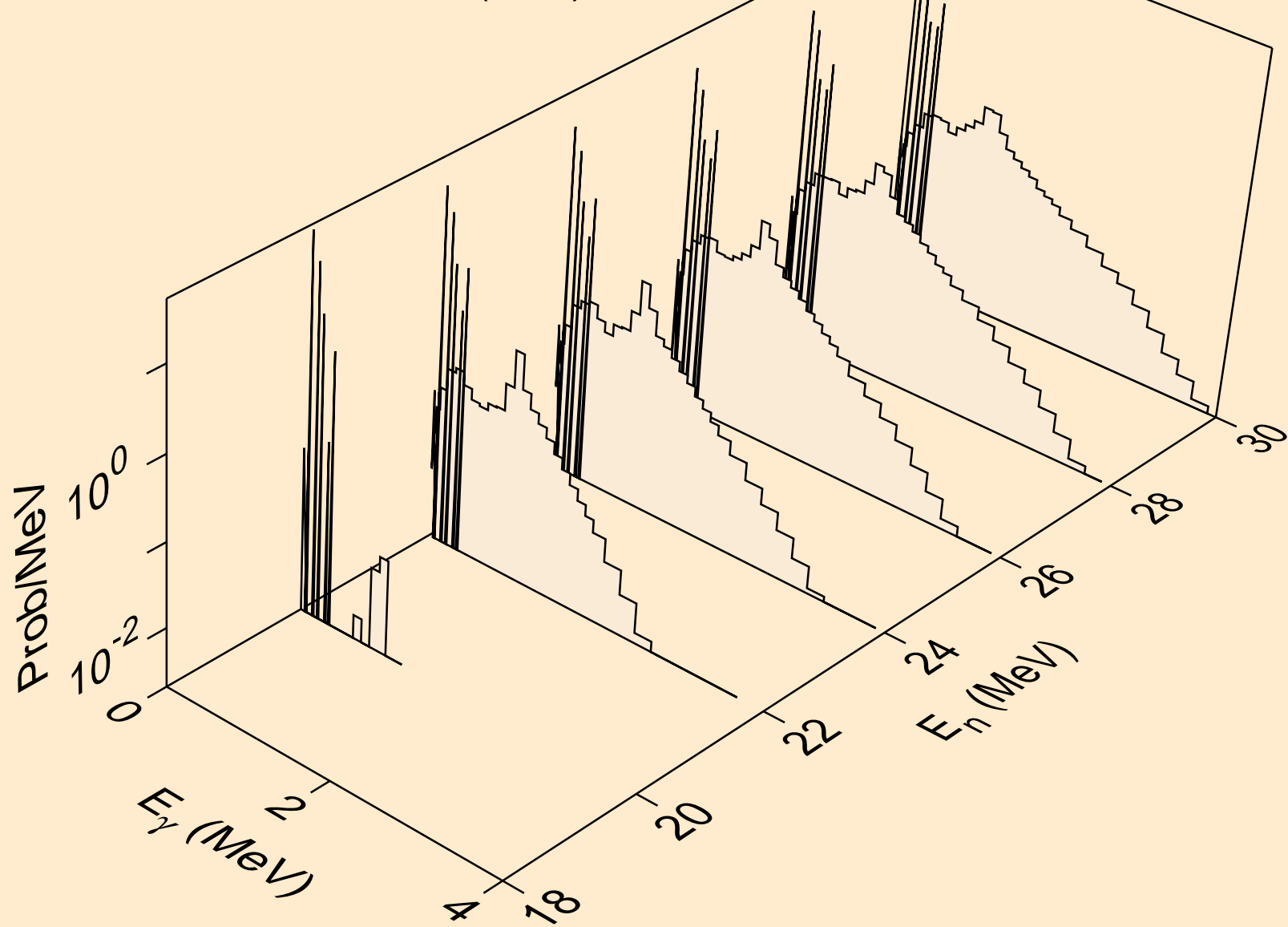
DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a

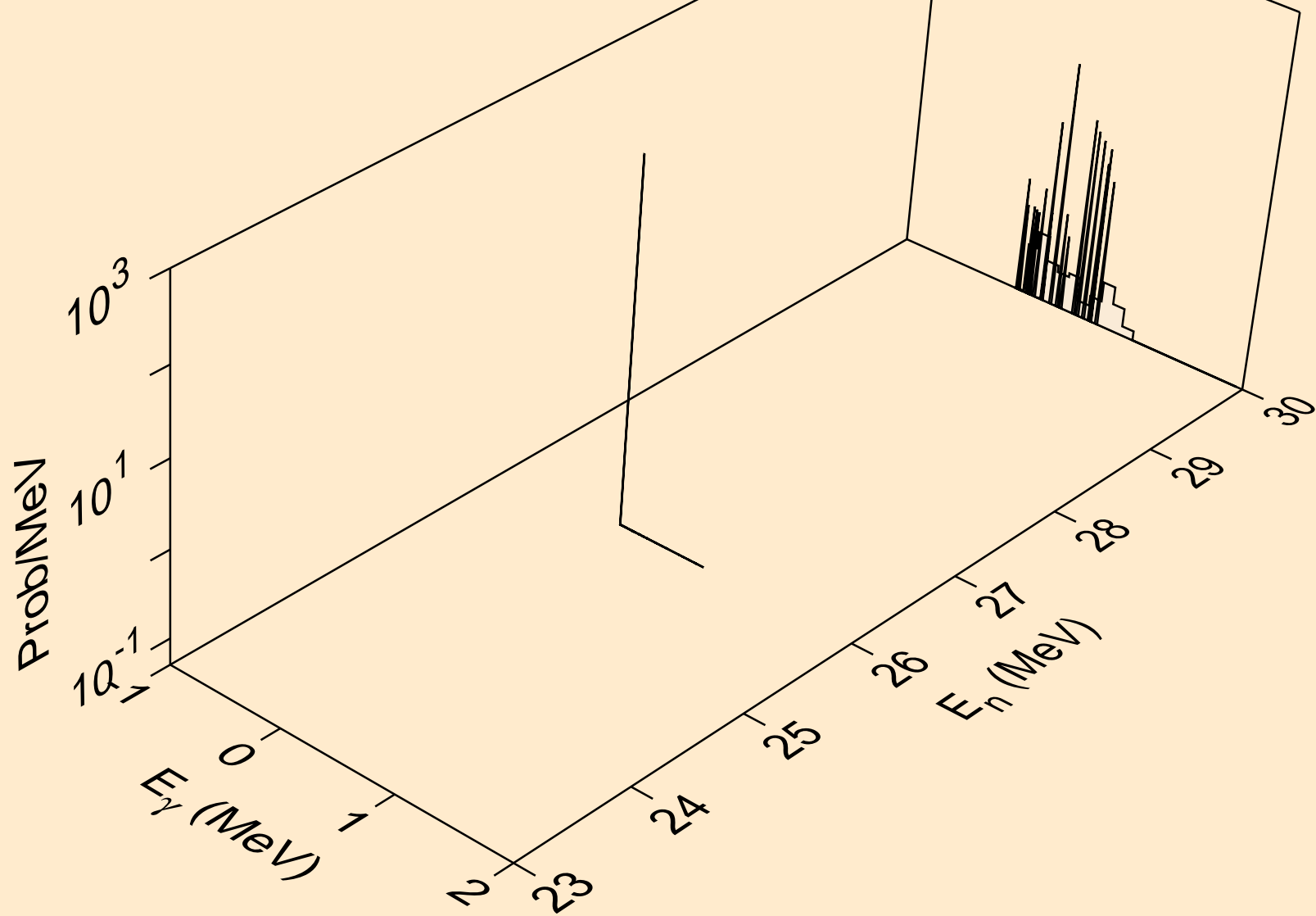


DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

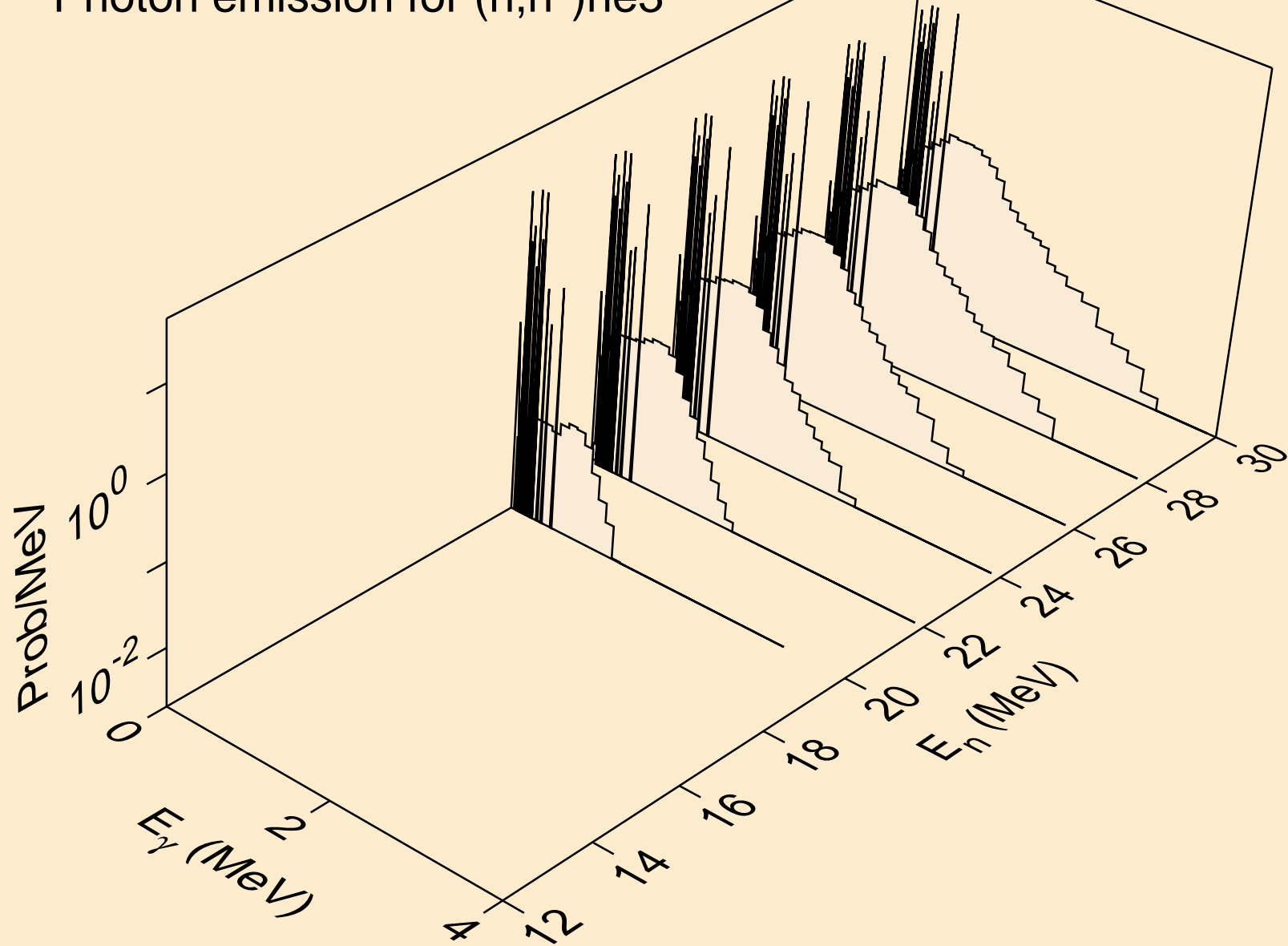




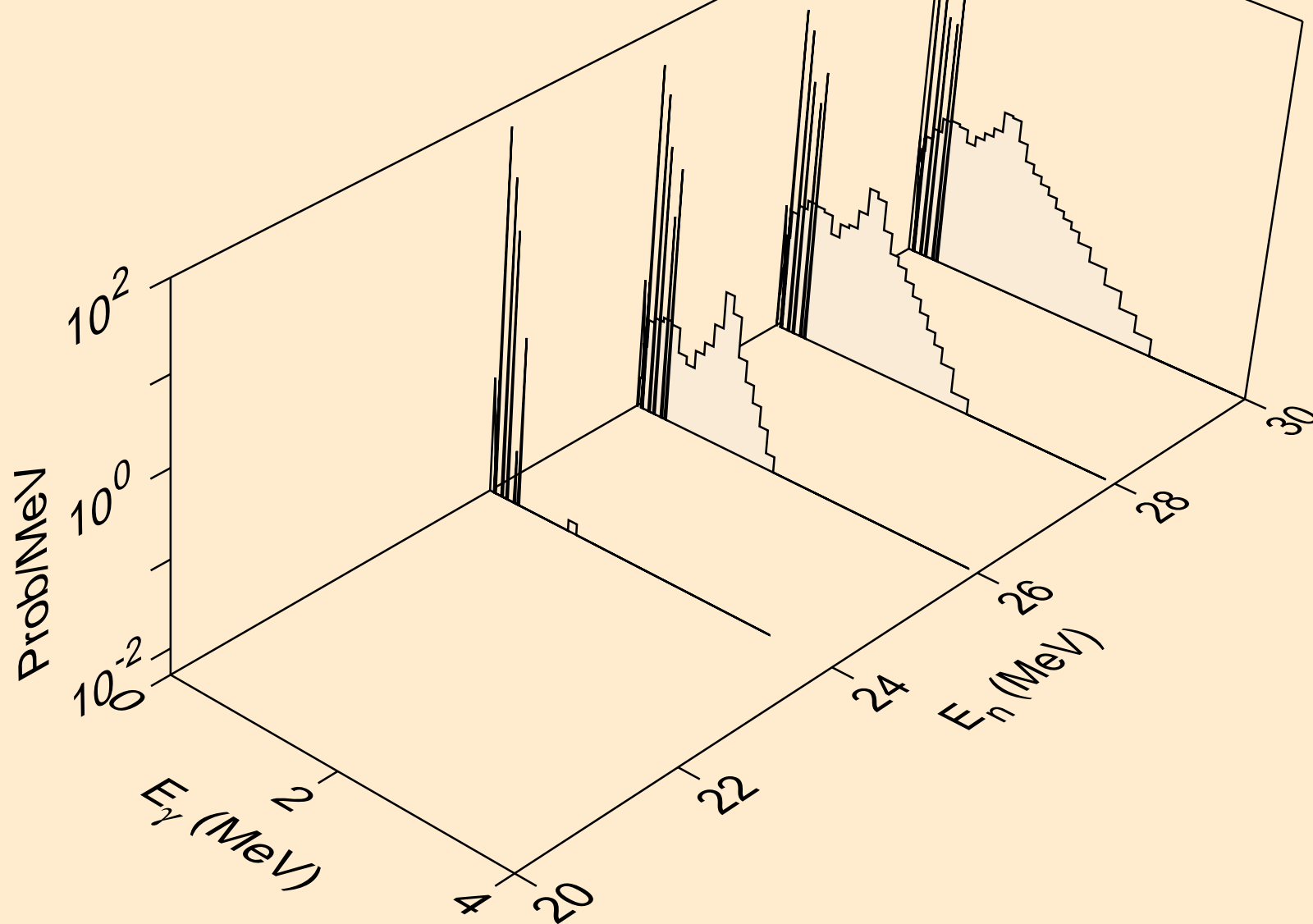
DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



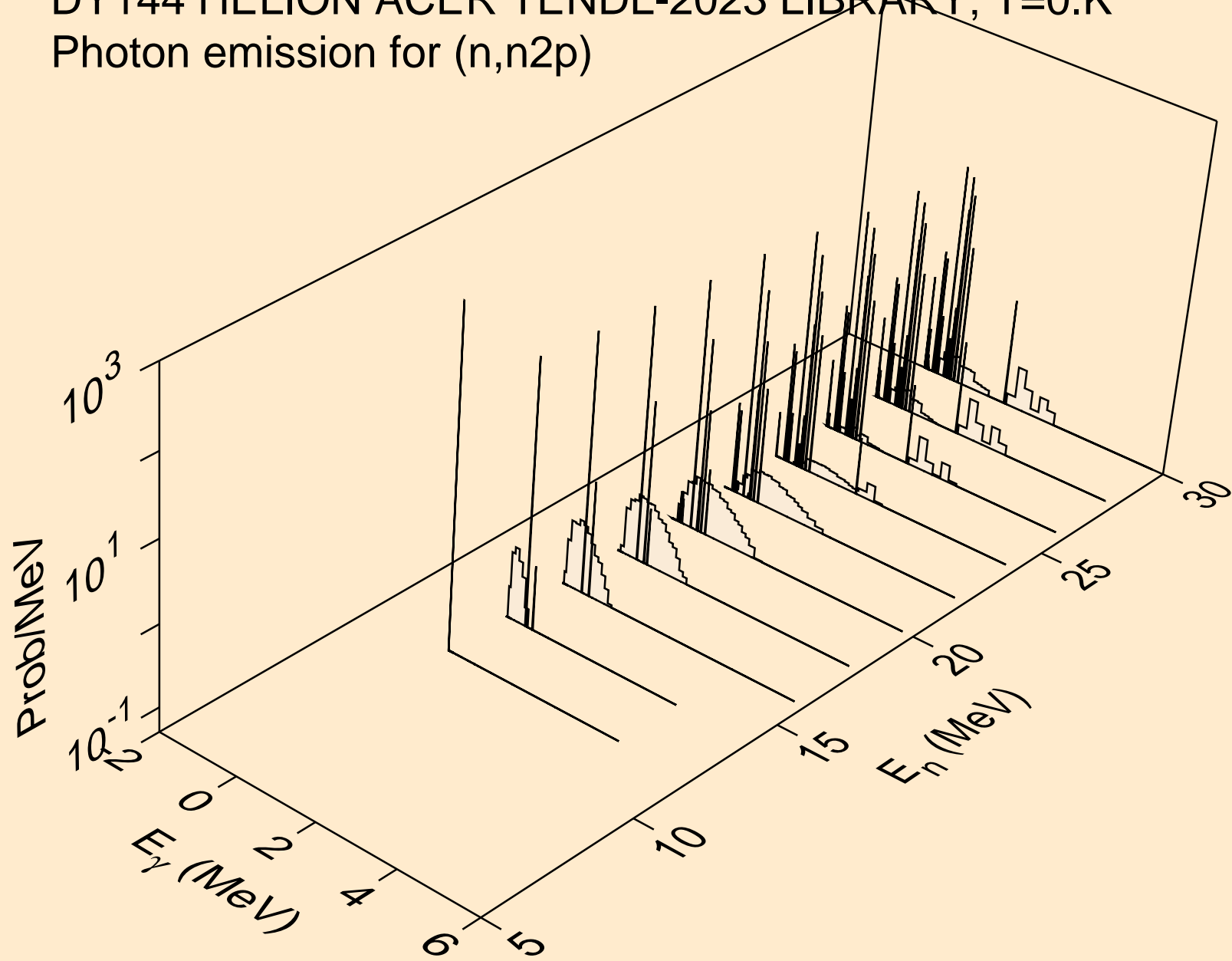
DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



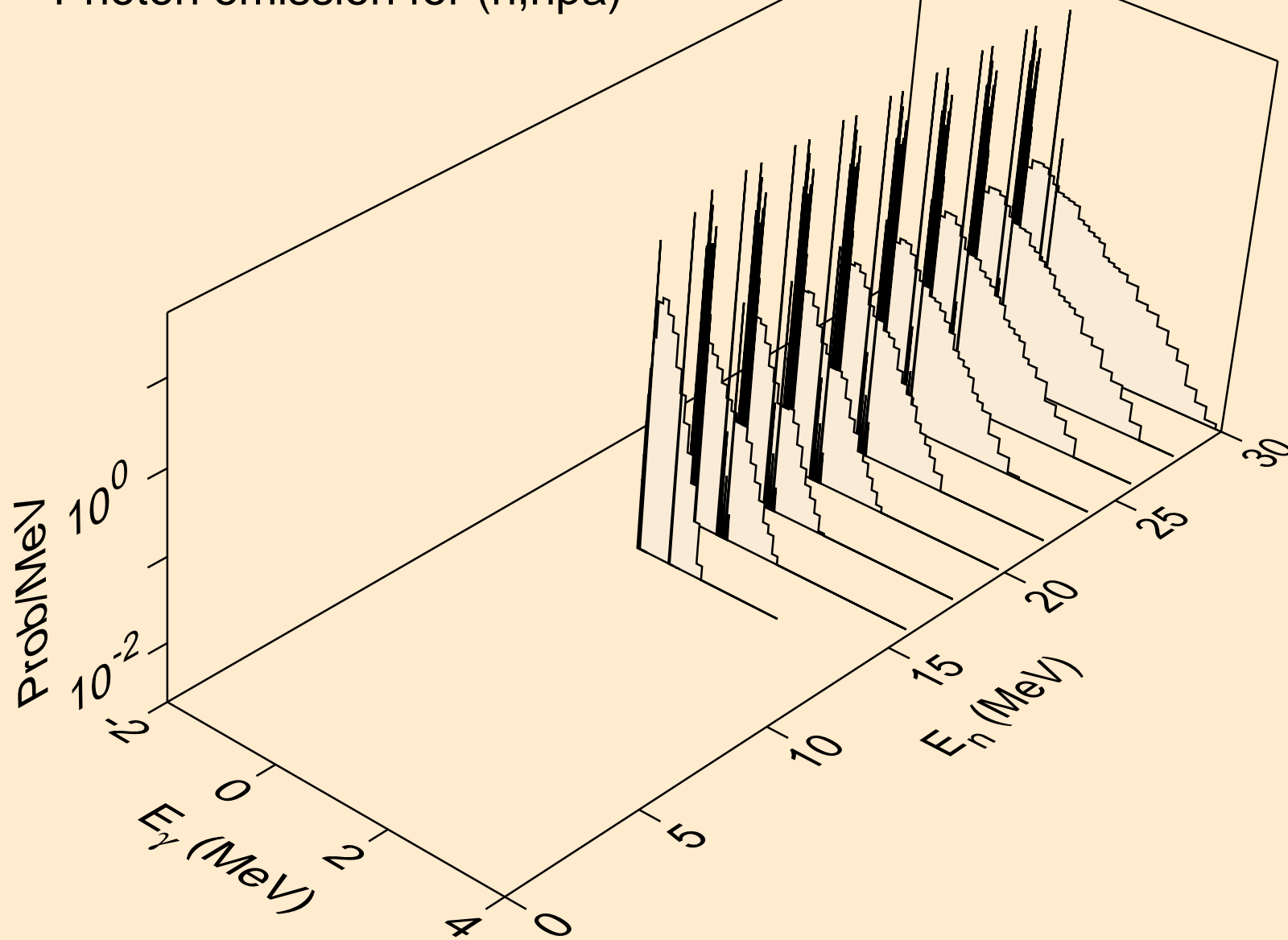
DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



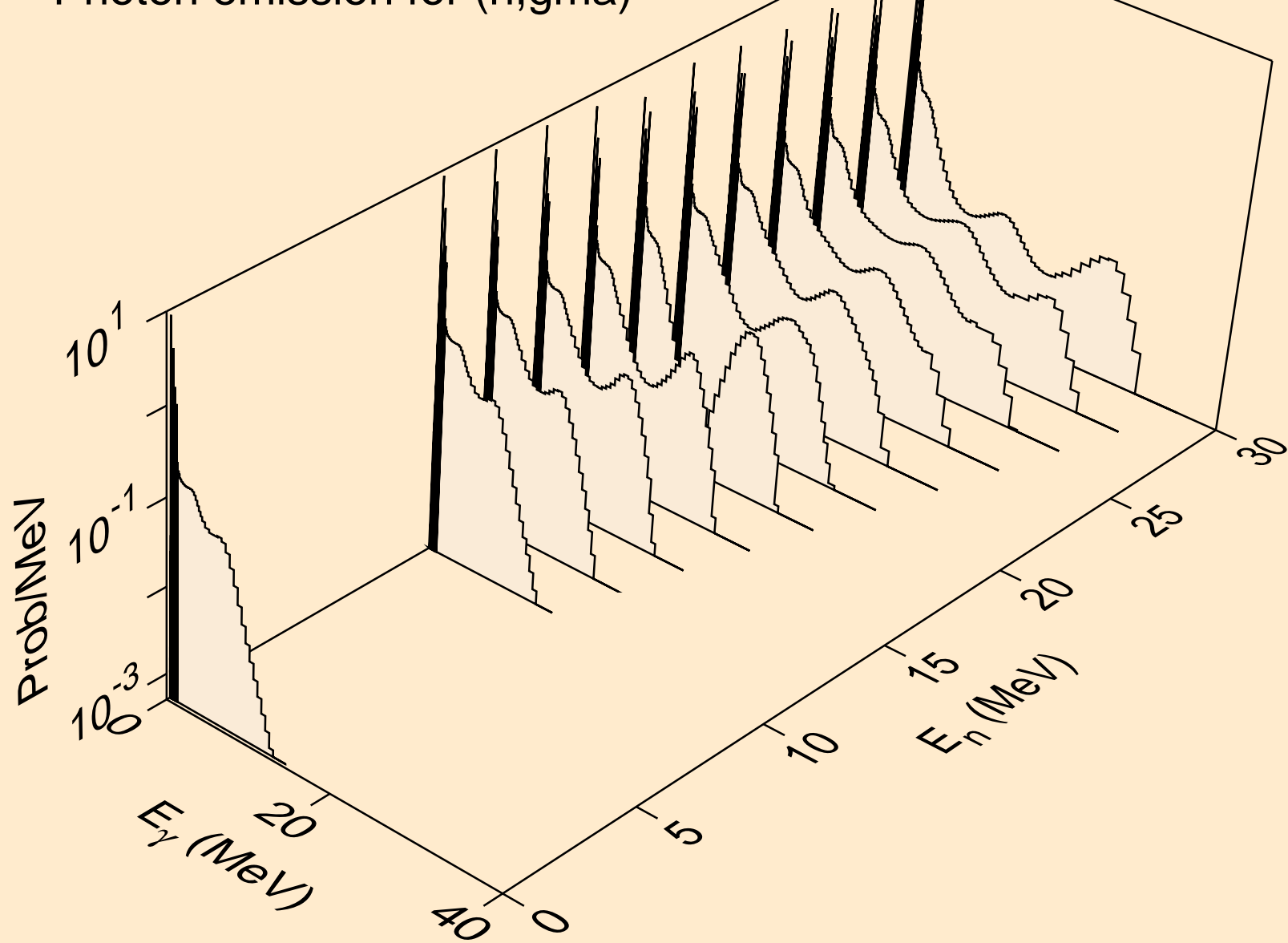
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Photon emission for (n,n2p)



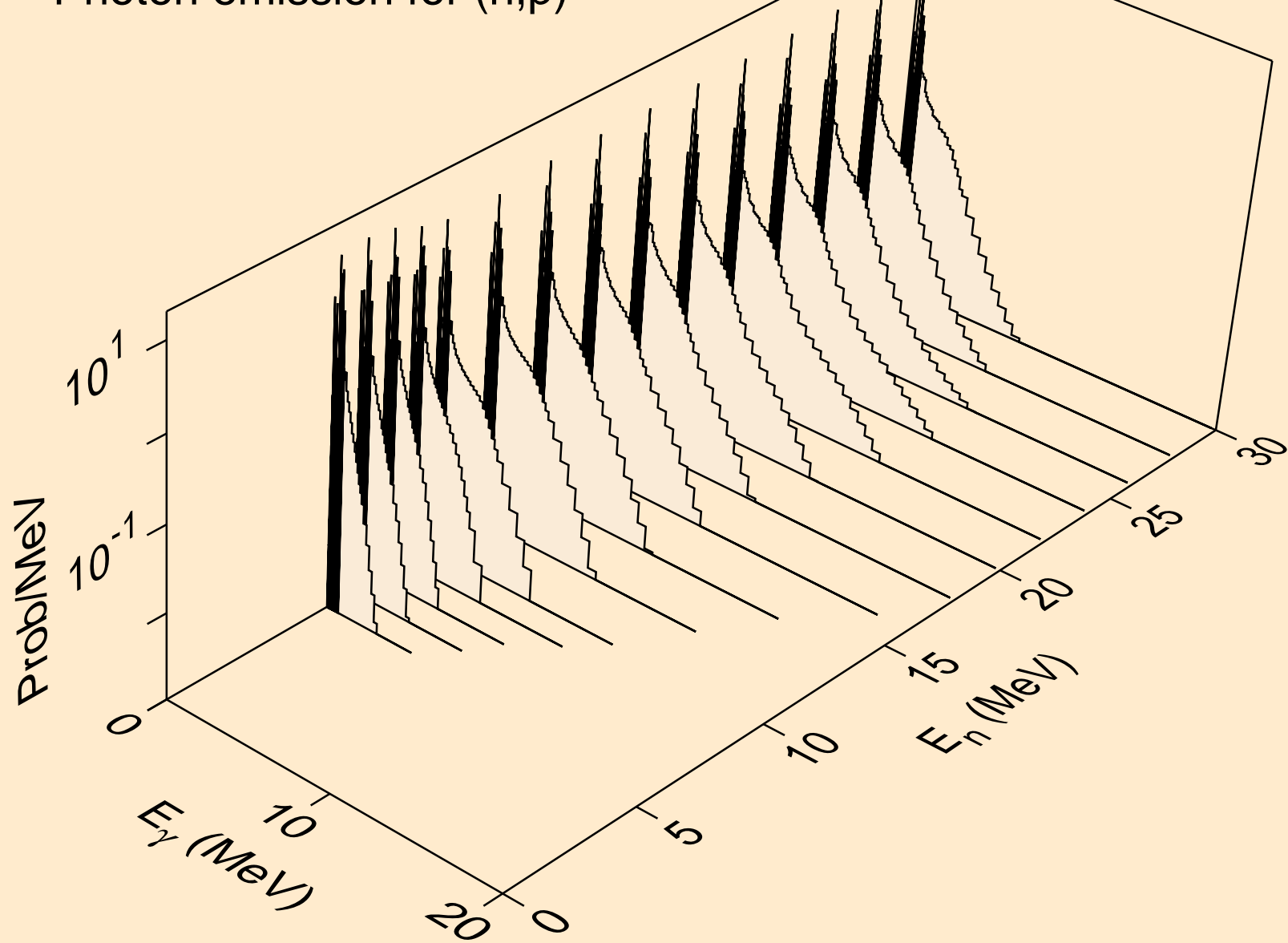
DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



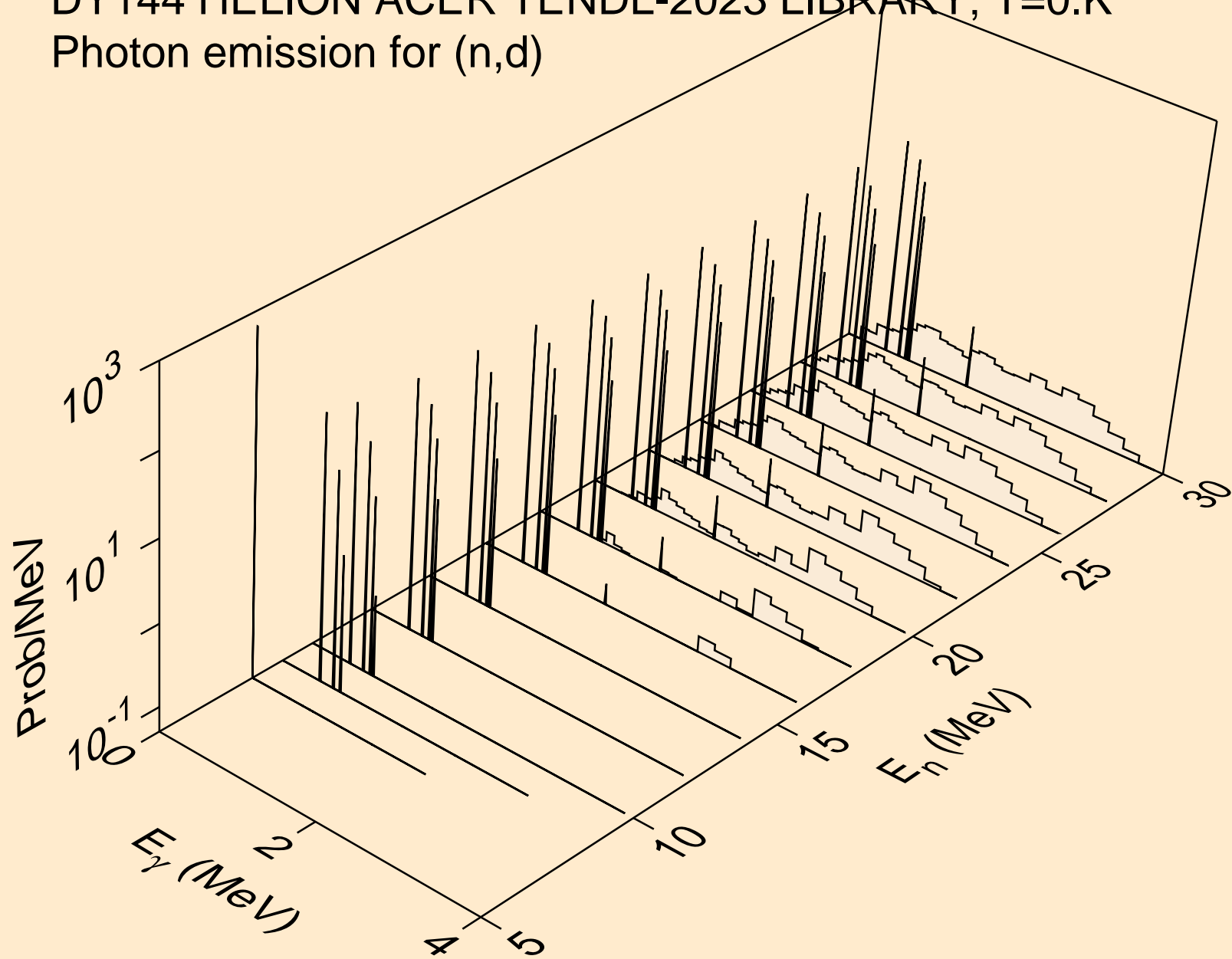
DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)

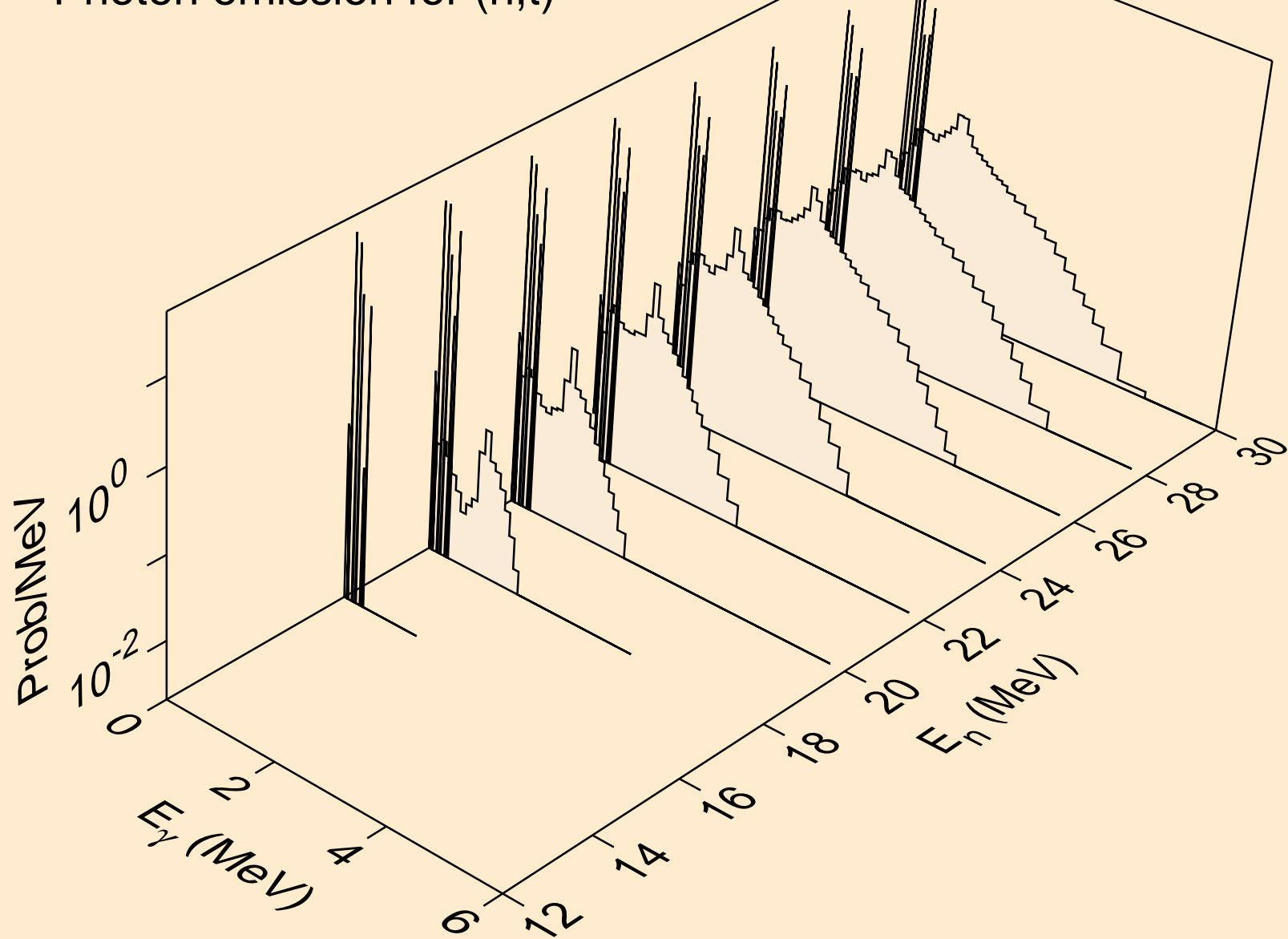


DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)

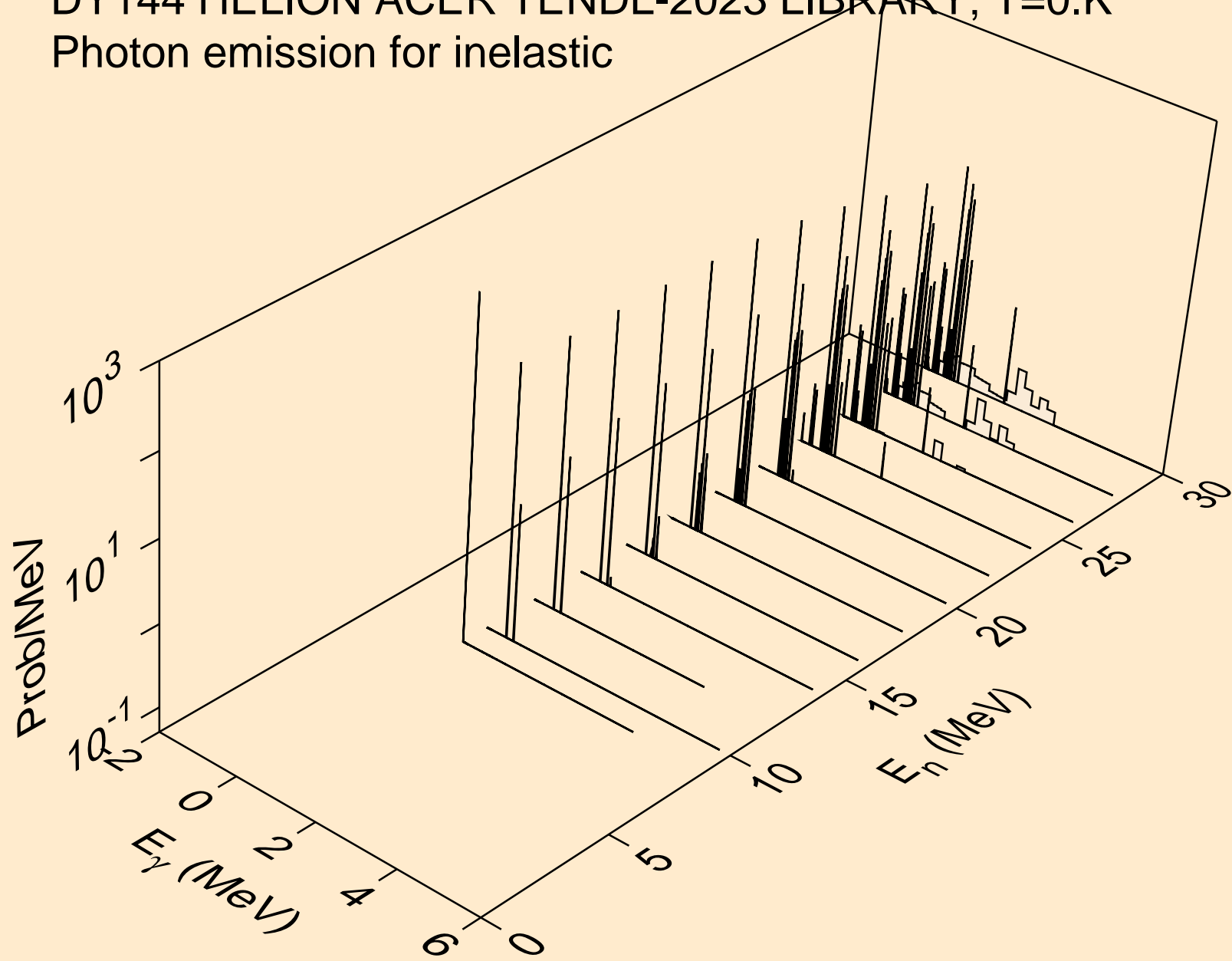




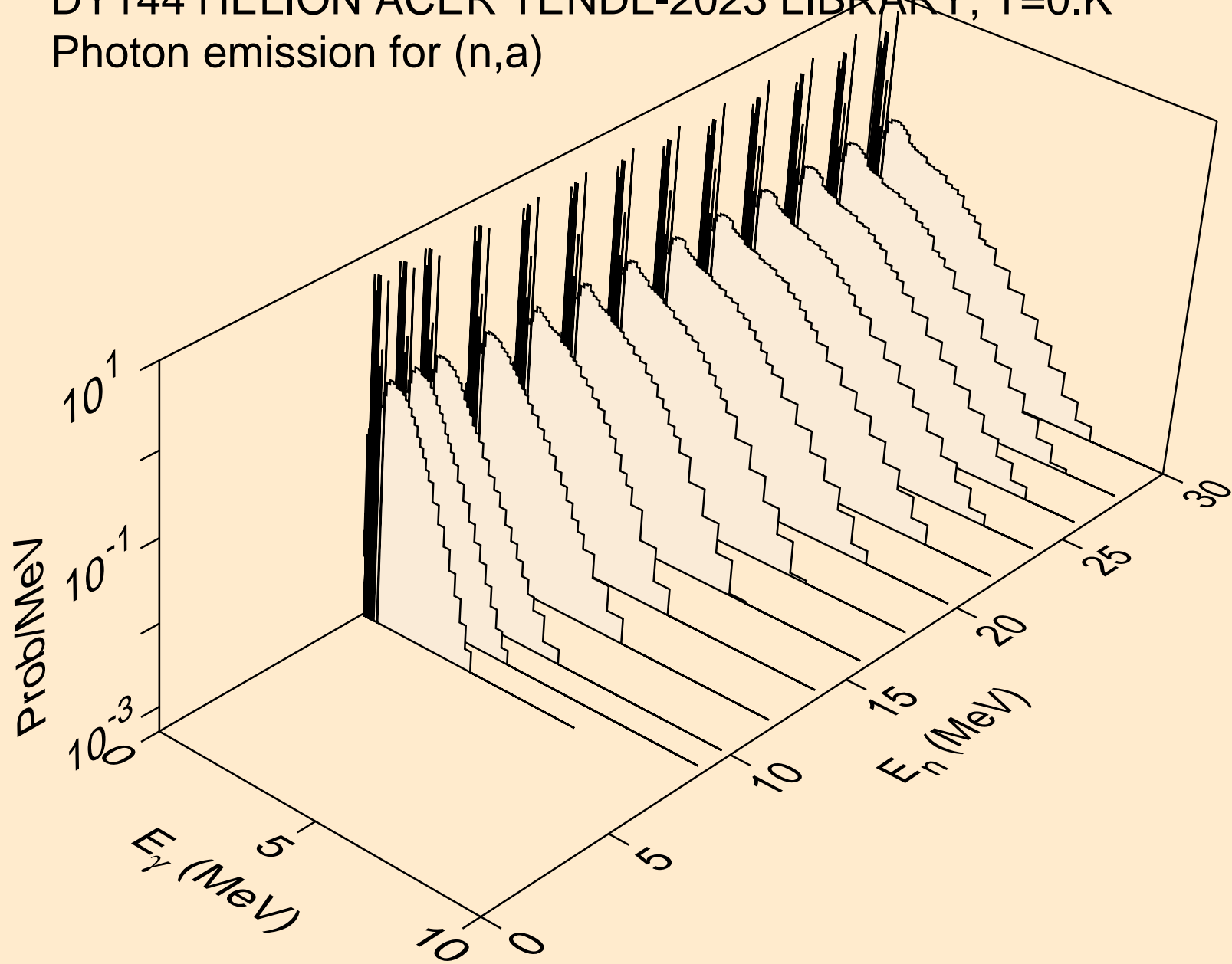
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Photon emission for (n,t)



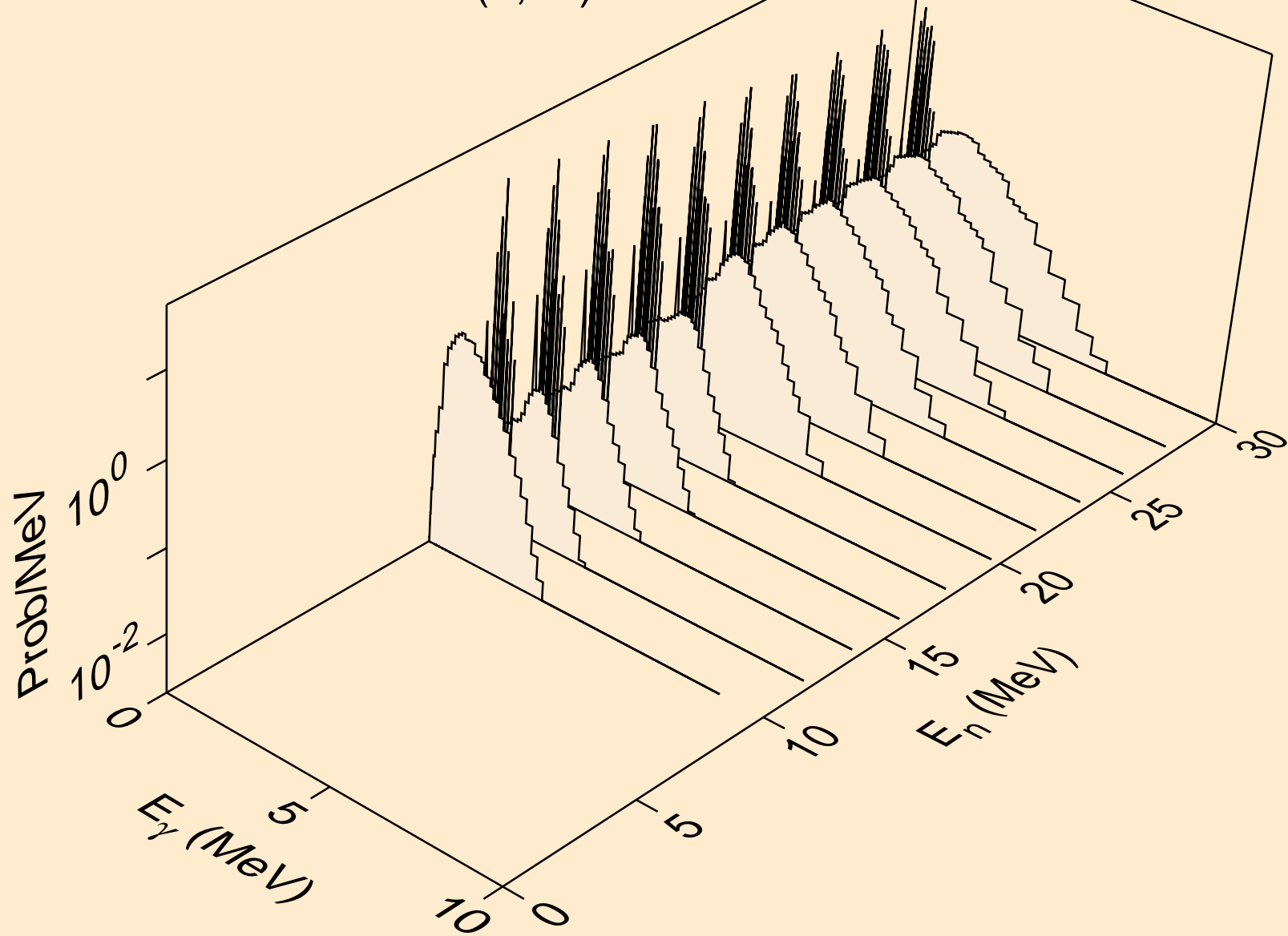
DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



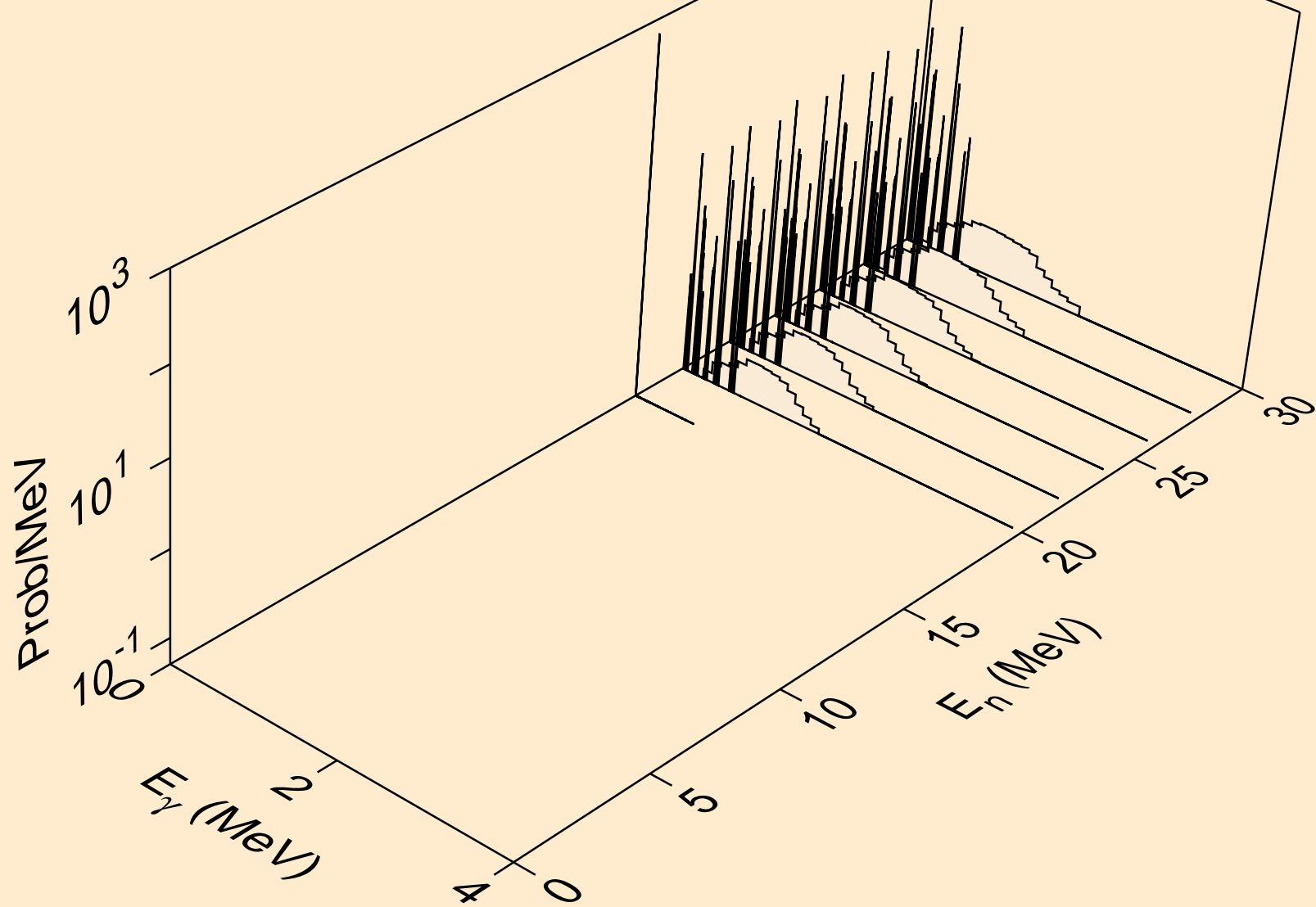
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Photon emission for (n,a)



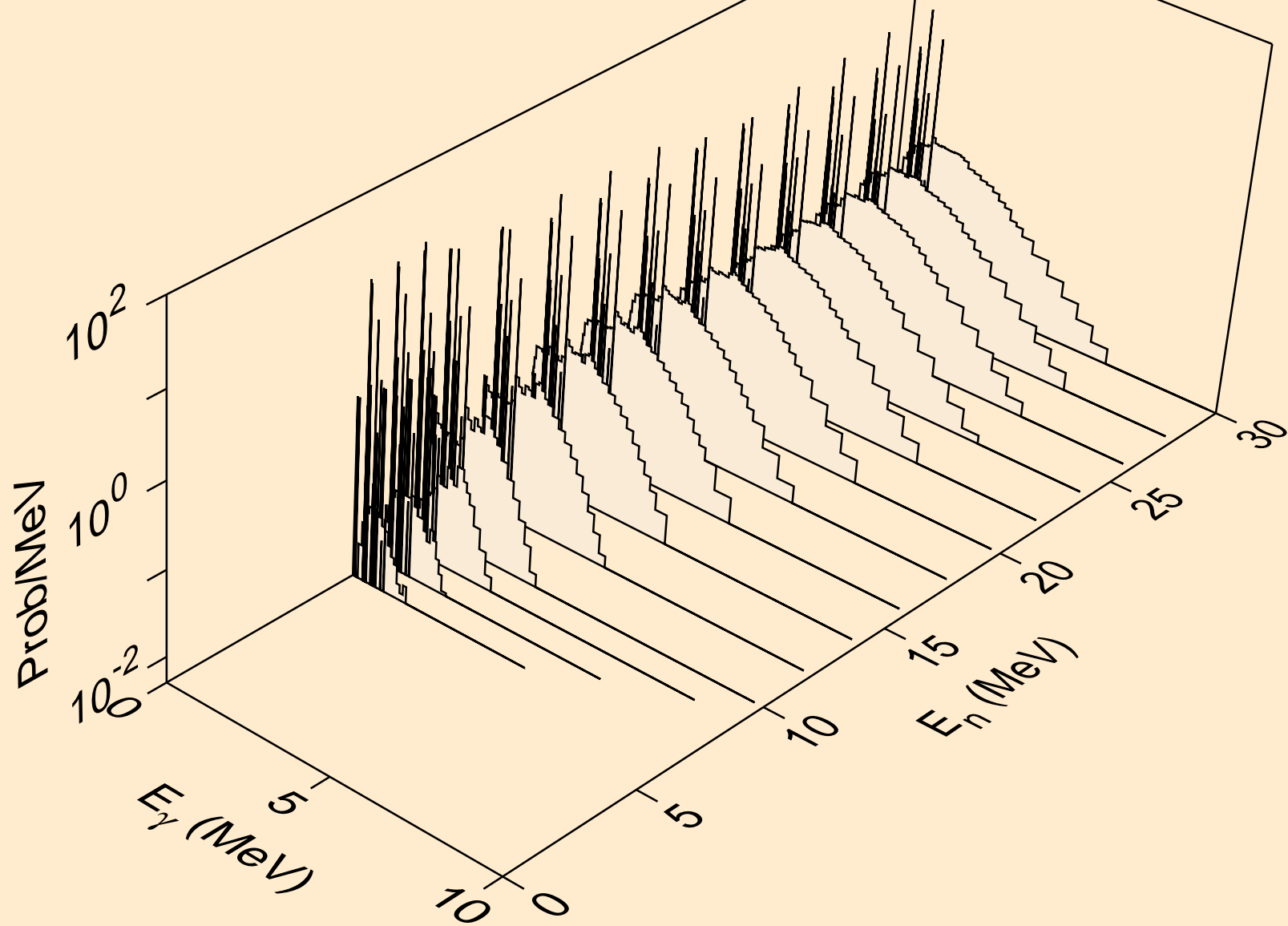
DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



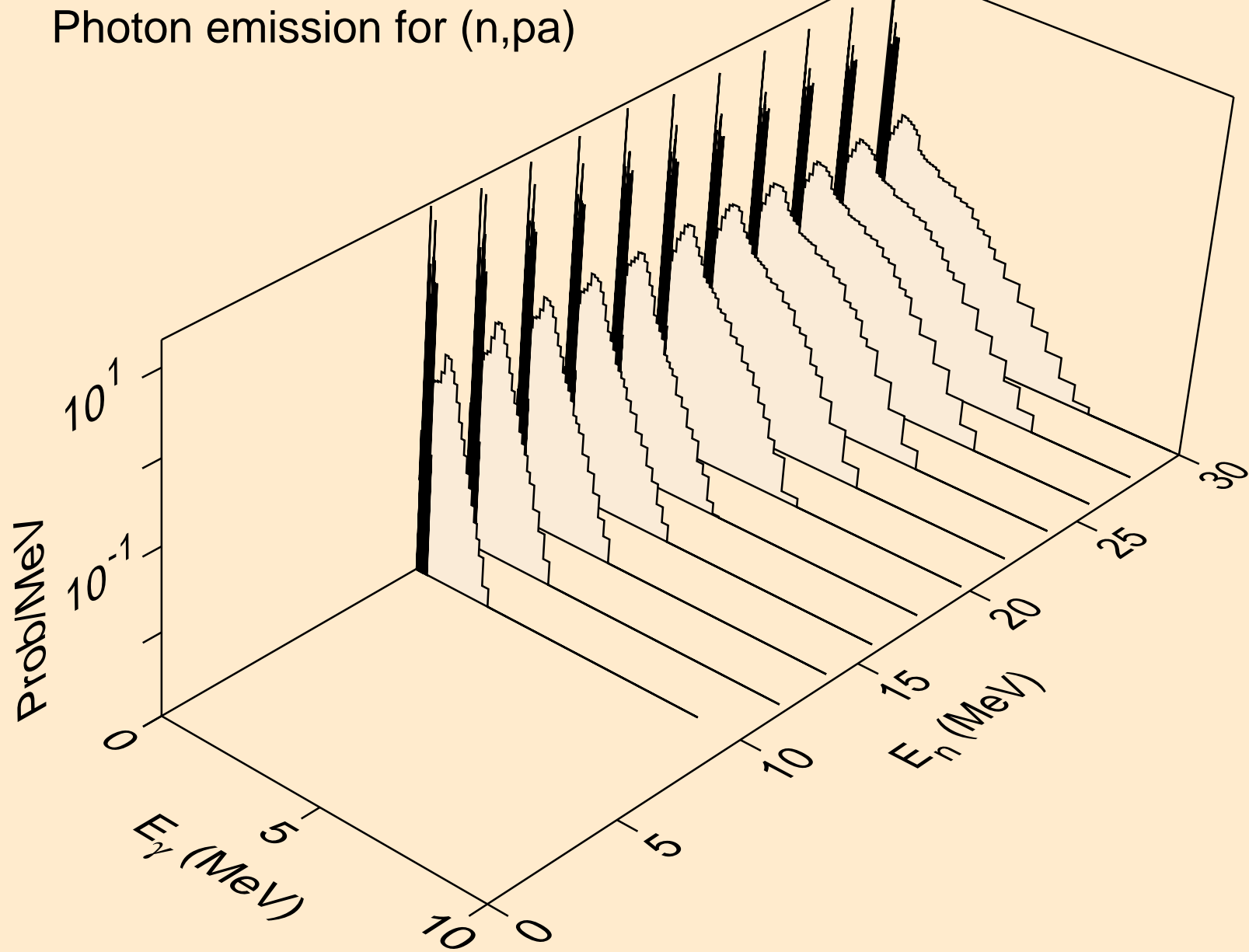
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Photon emission for (n,3a)



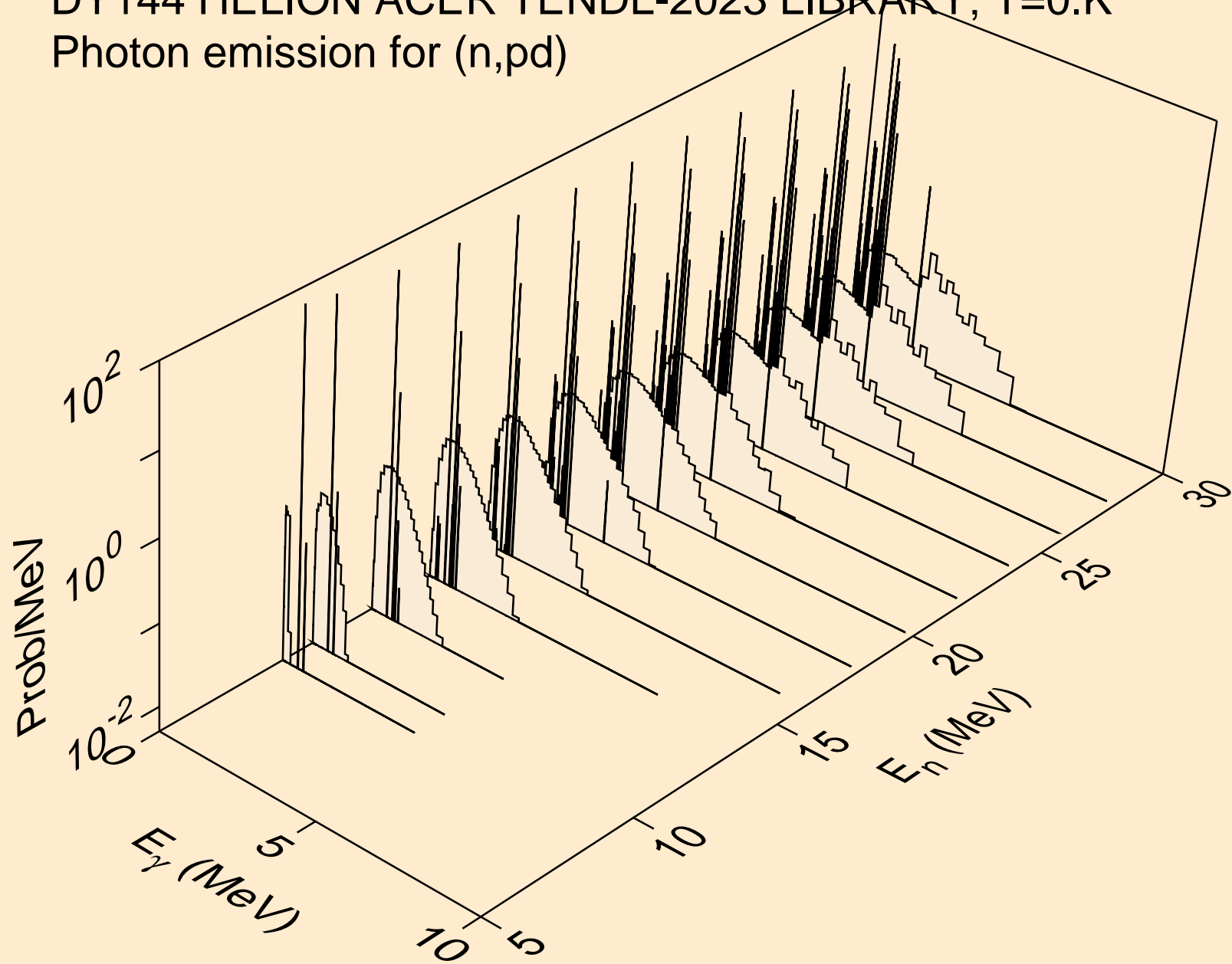
DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)

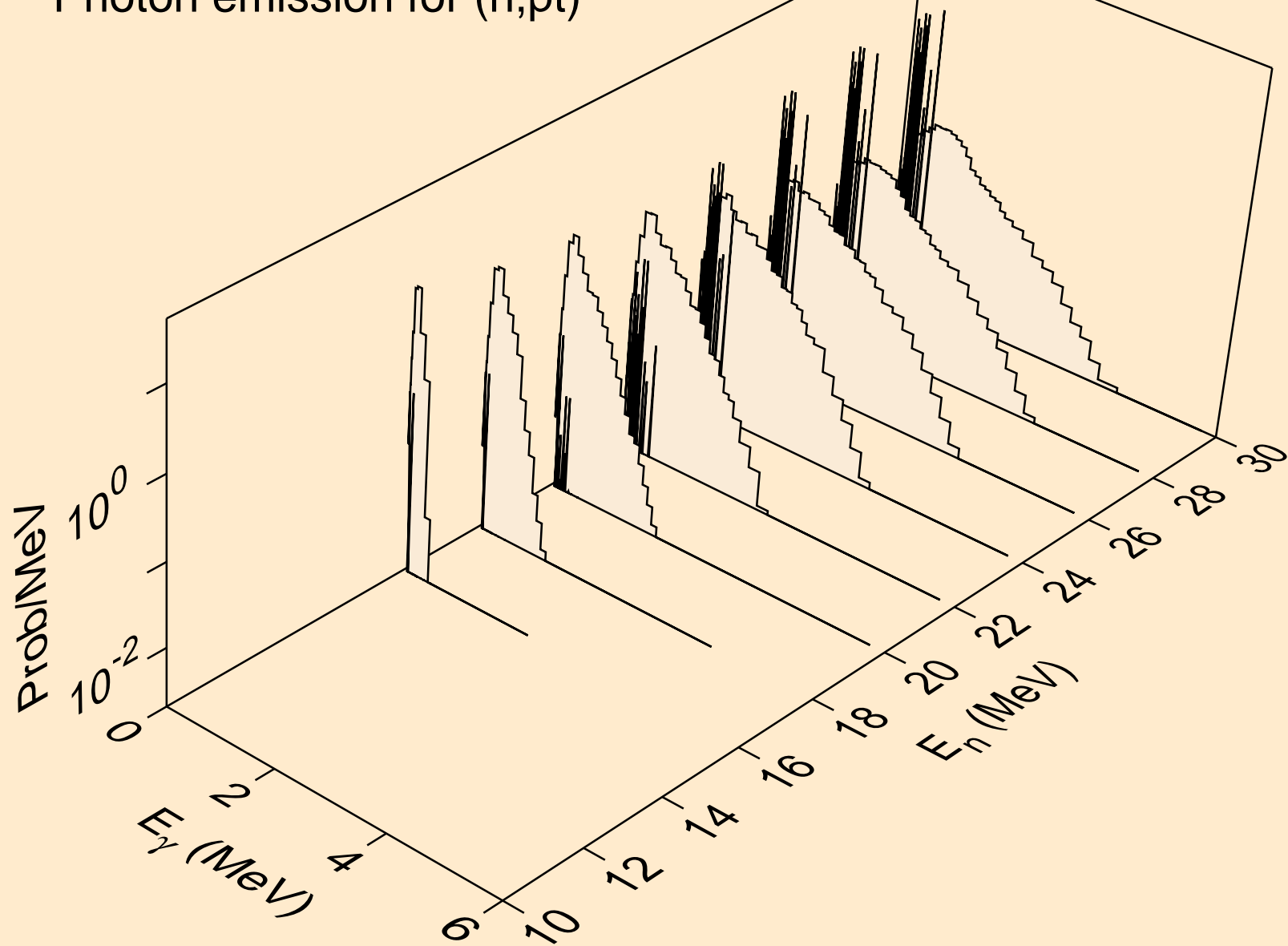


DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)

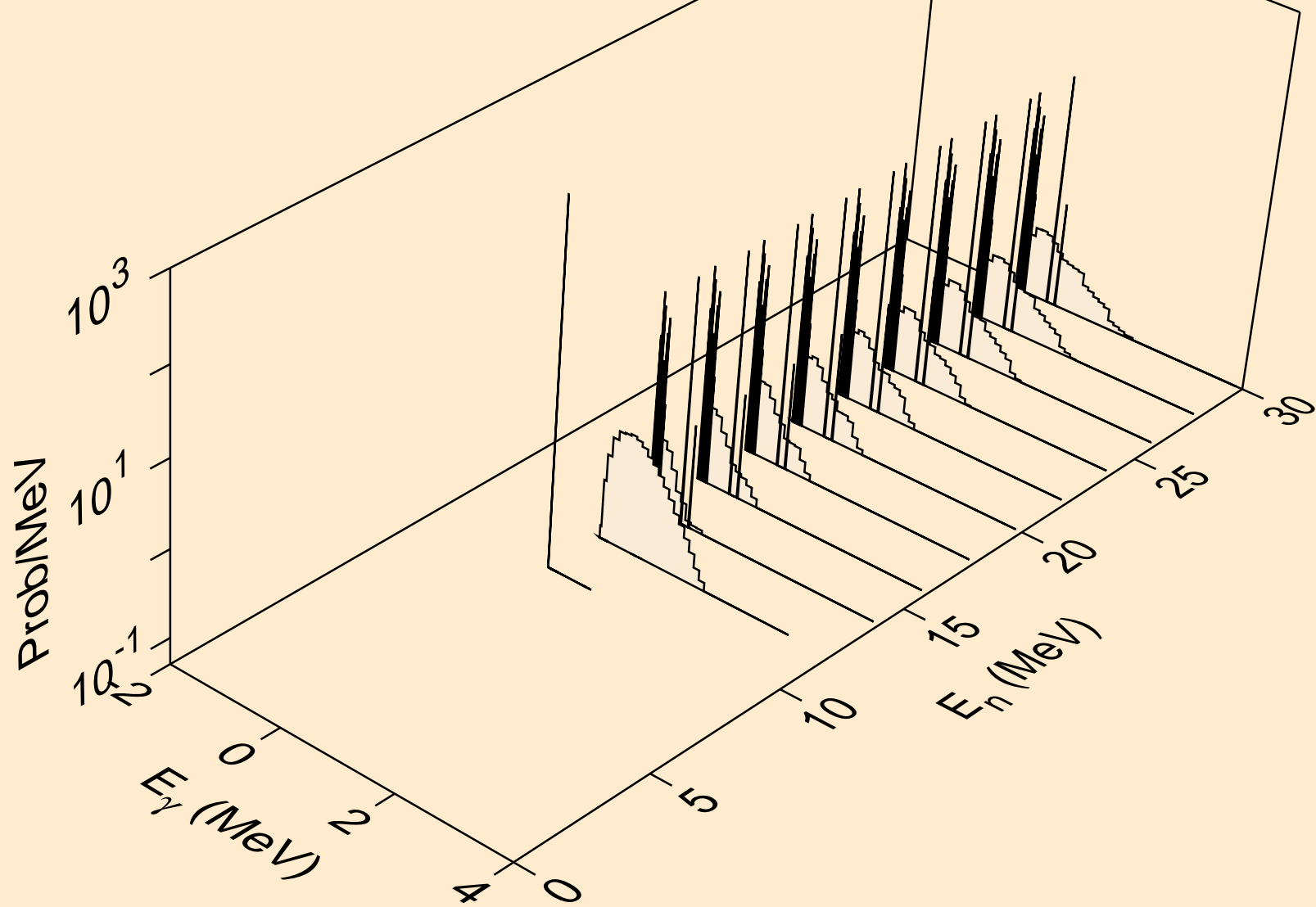




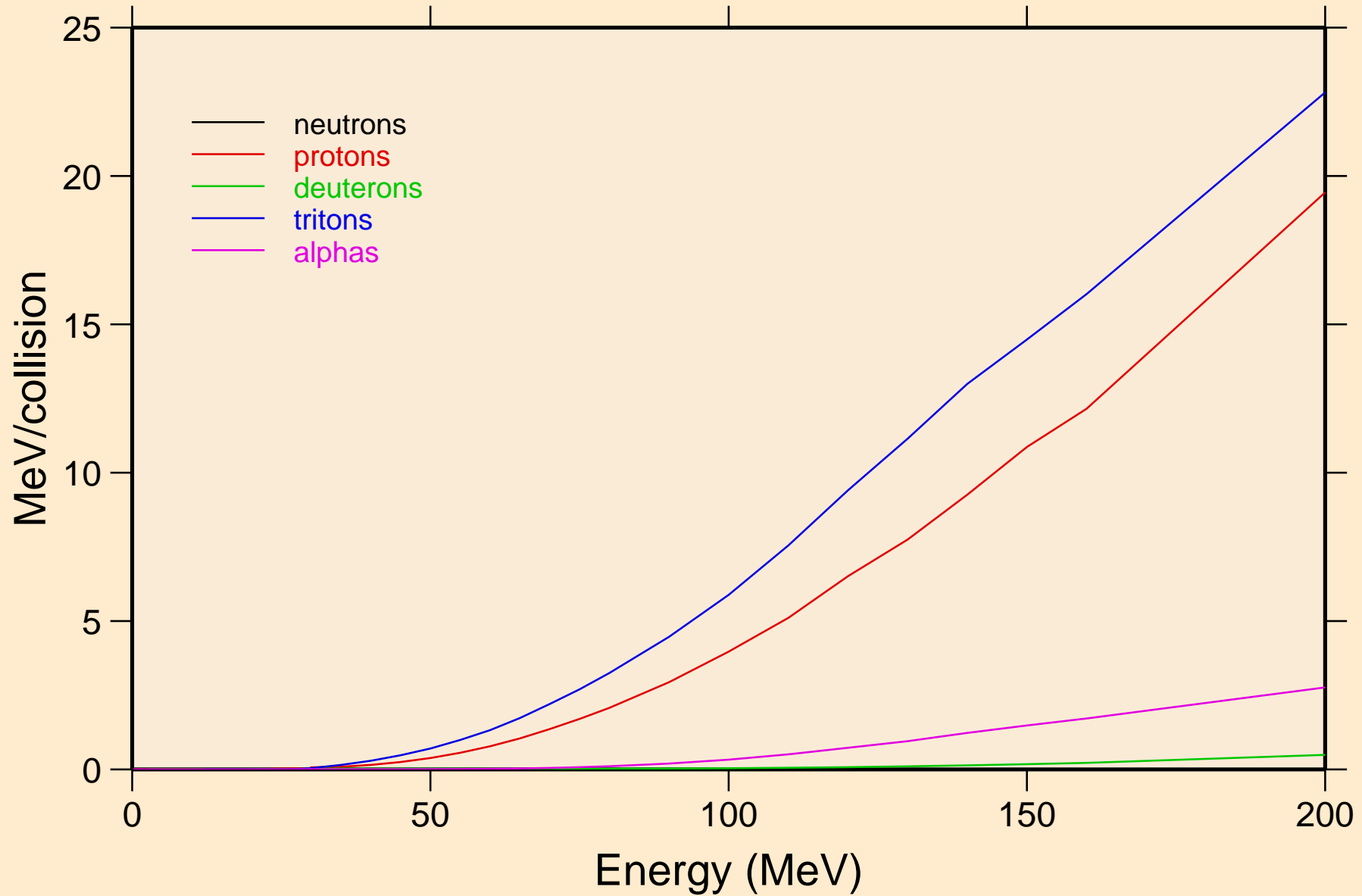
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Photon emission for (n,pt)



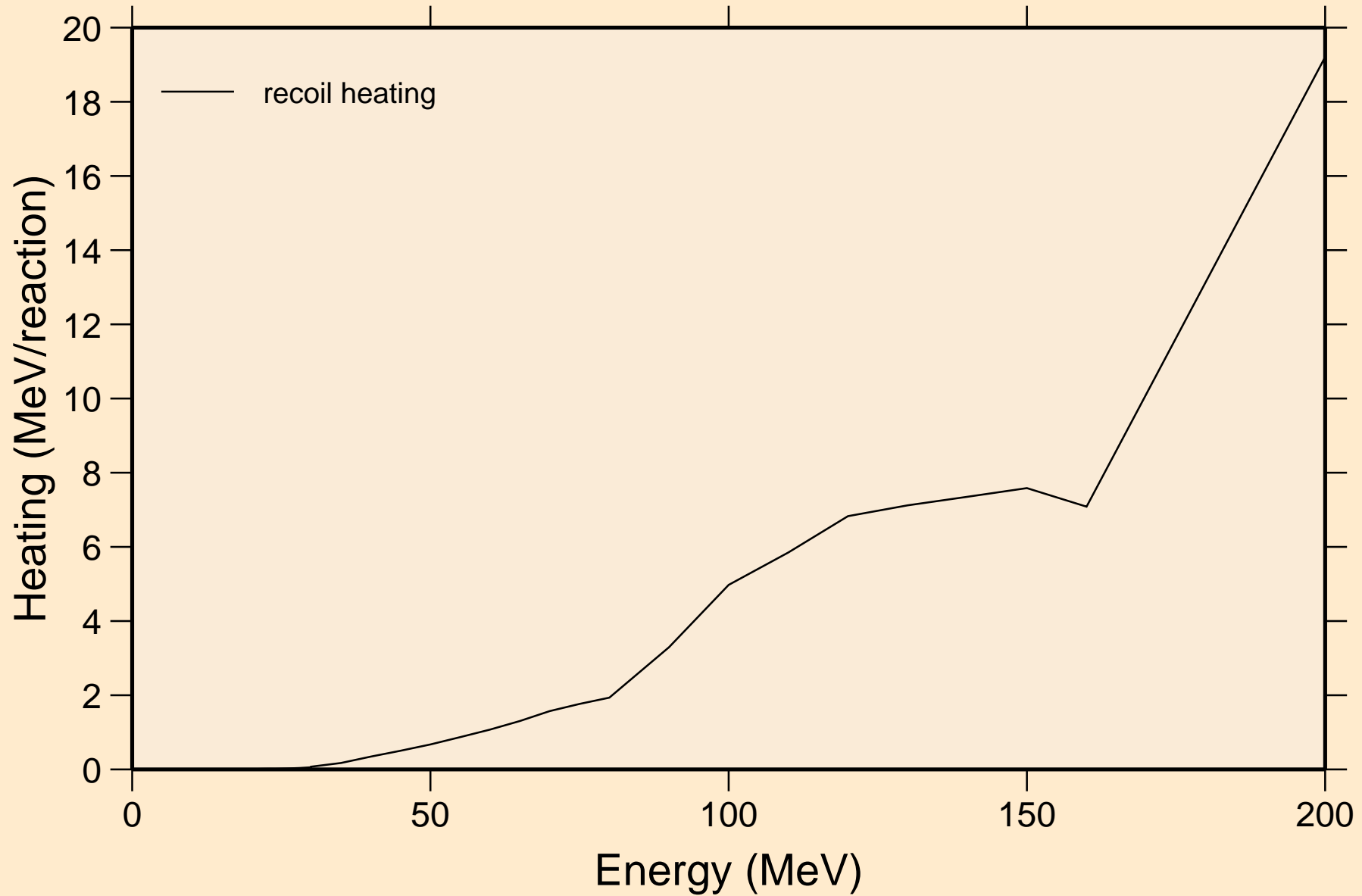
DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



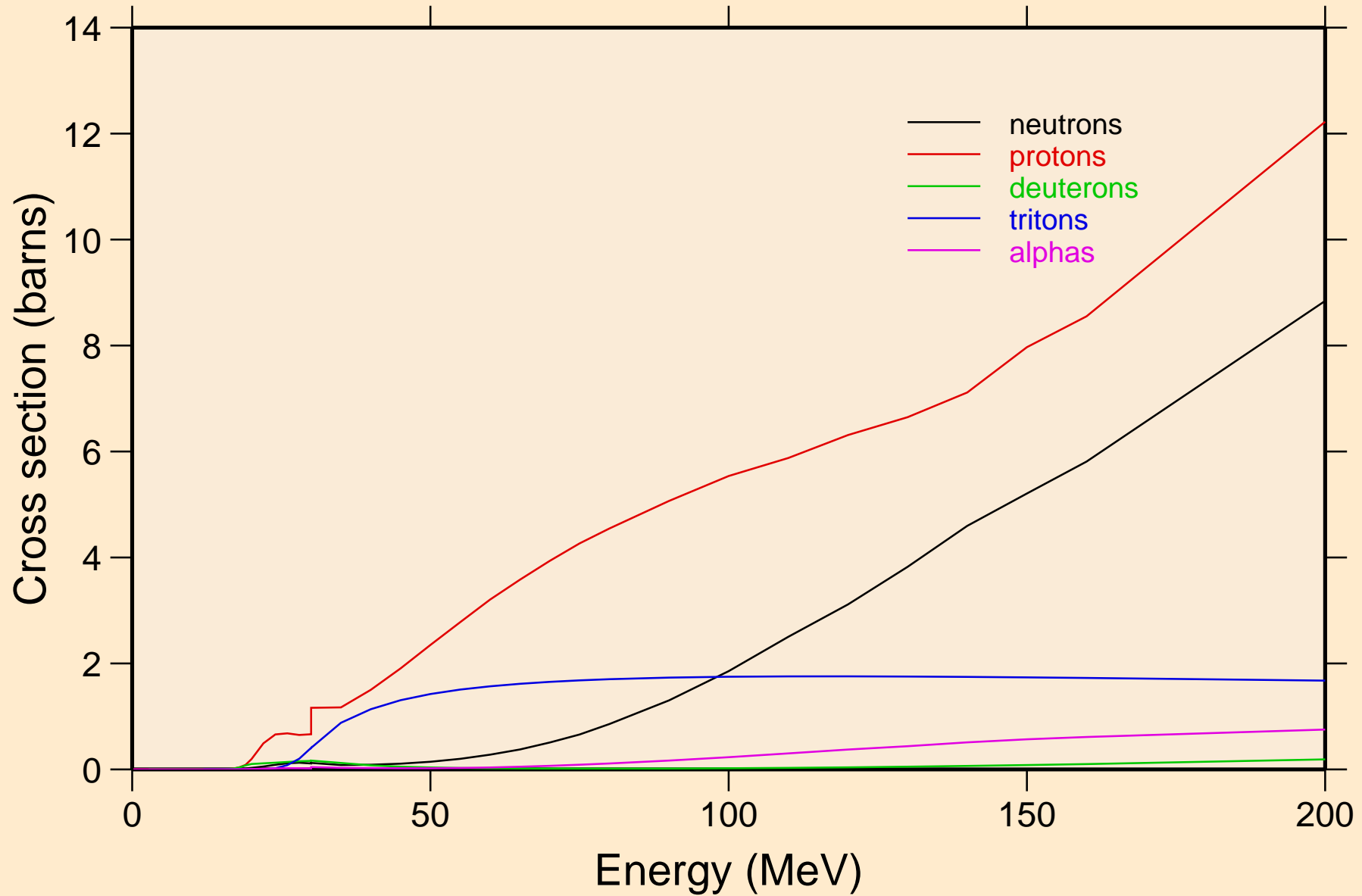
DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



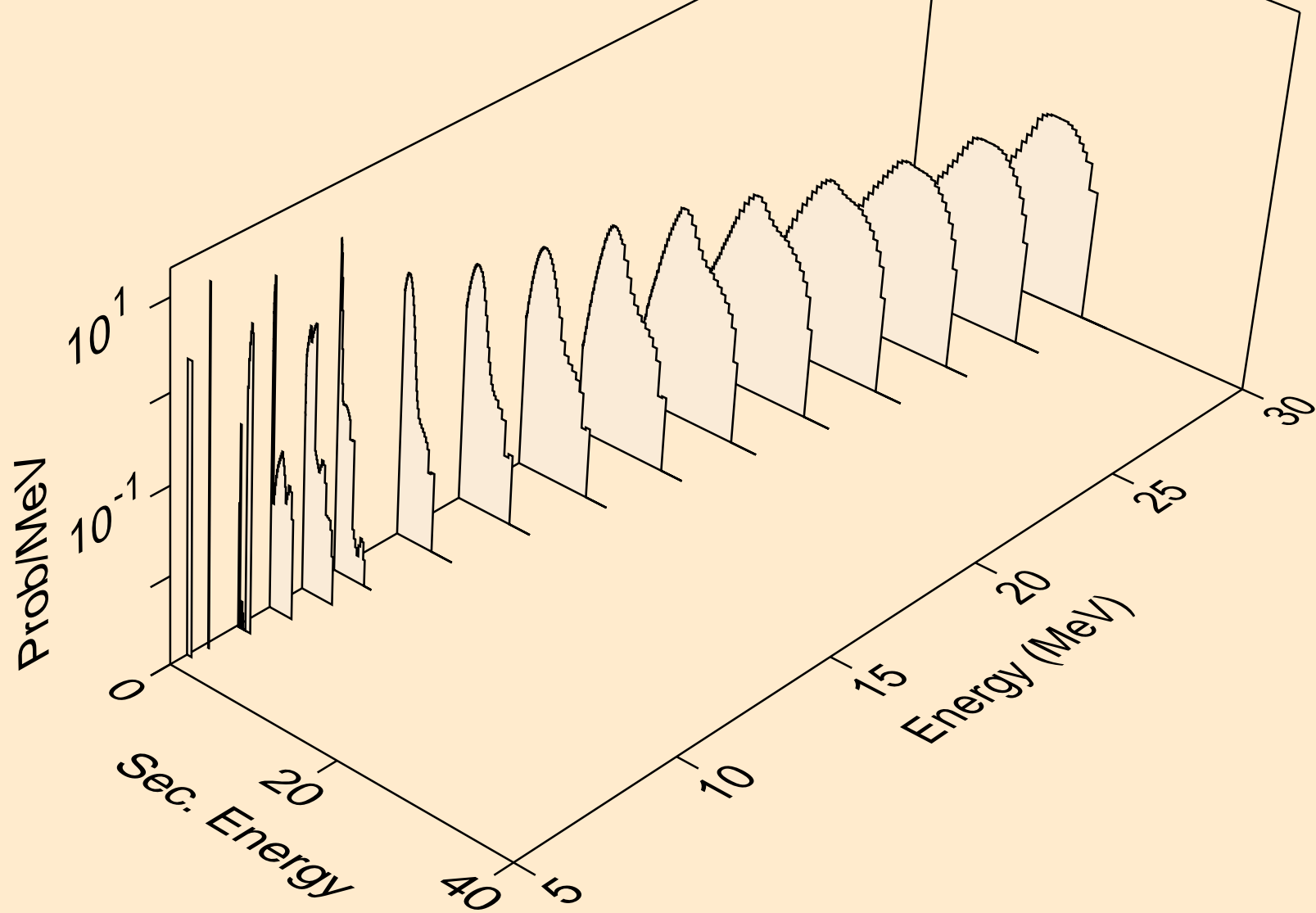
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Recoil Heating



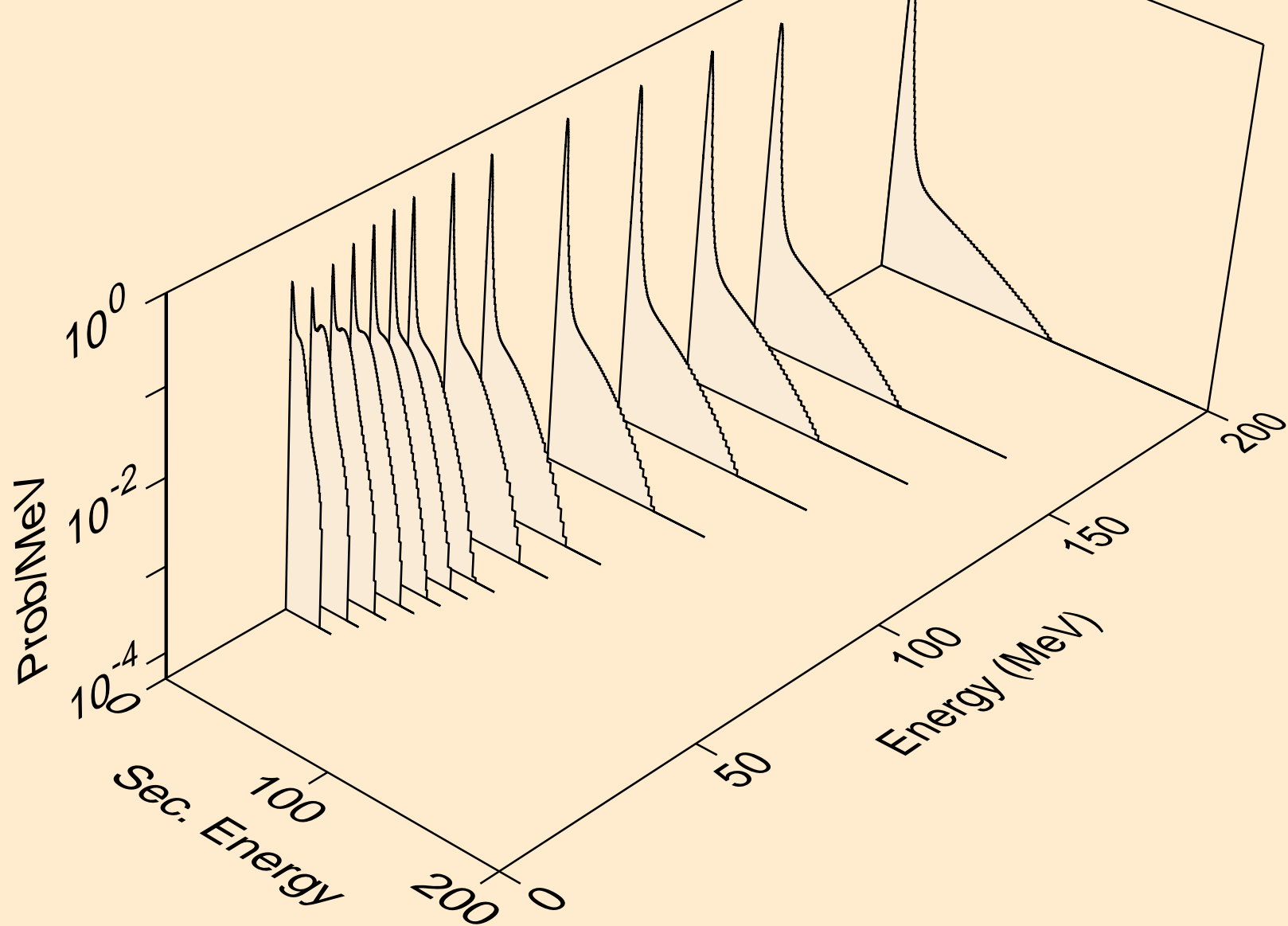
DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



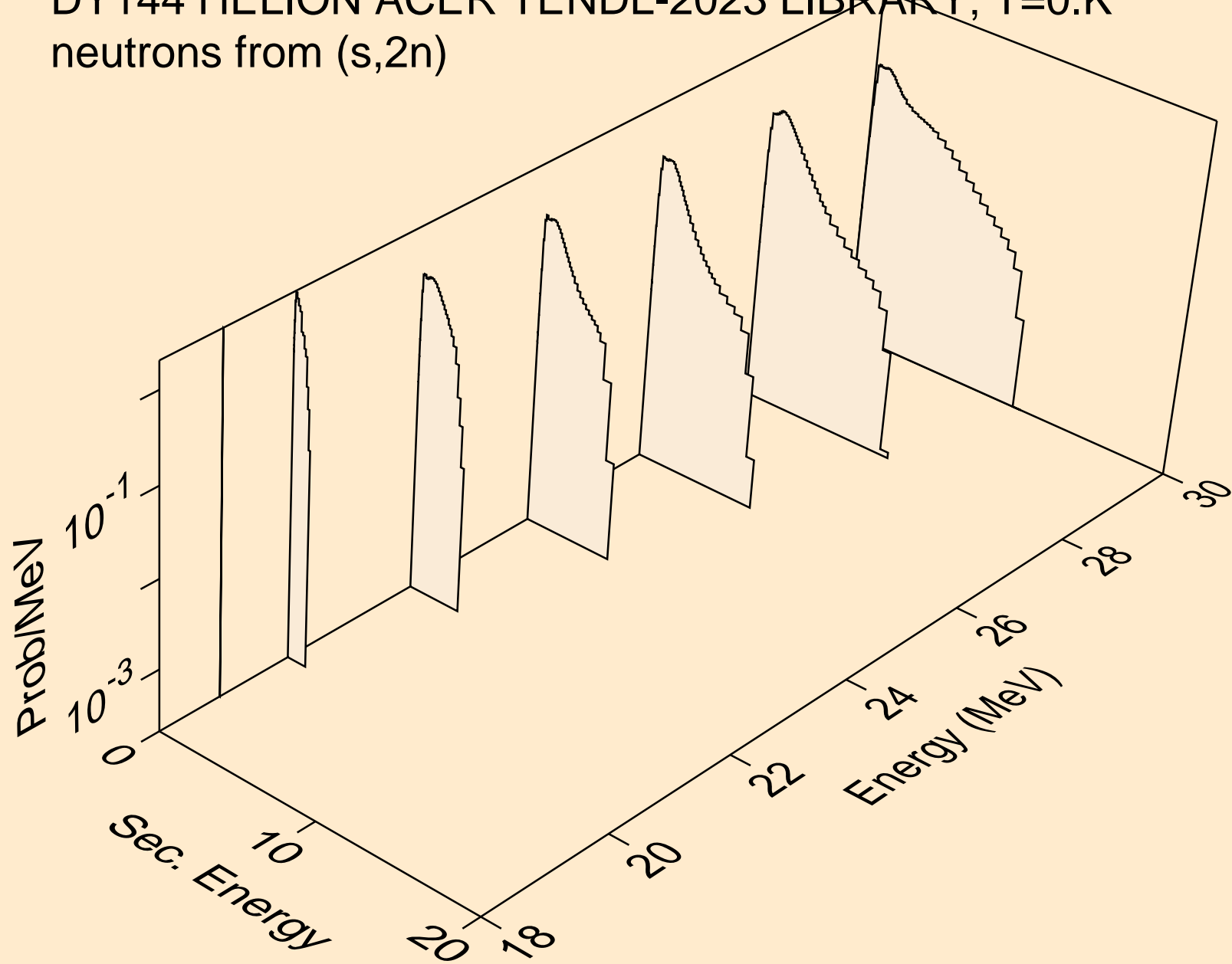
DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n)



DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,x)

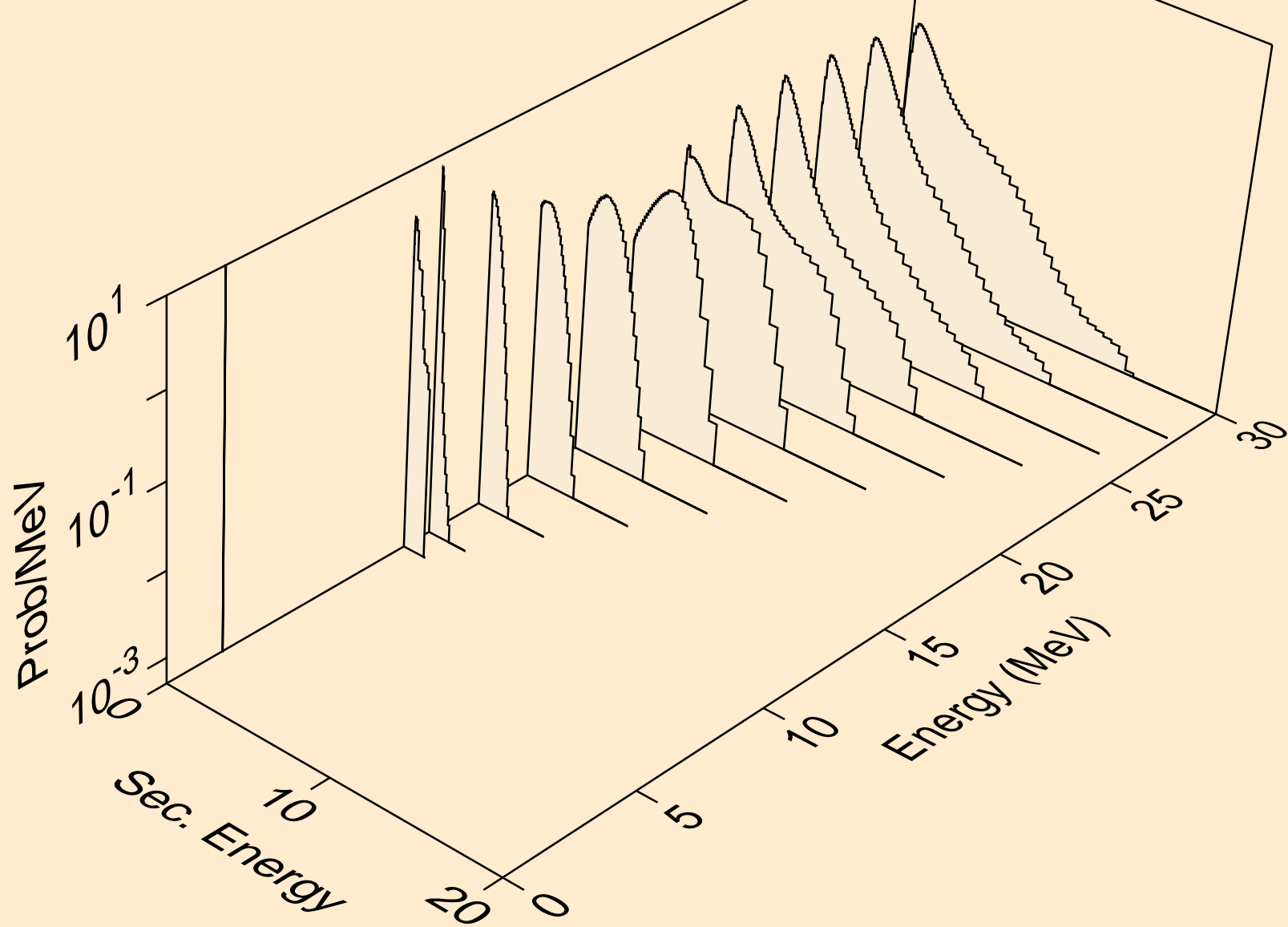


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neutrons from (s,2n)

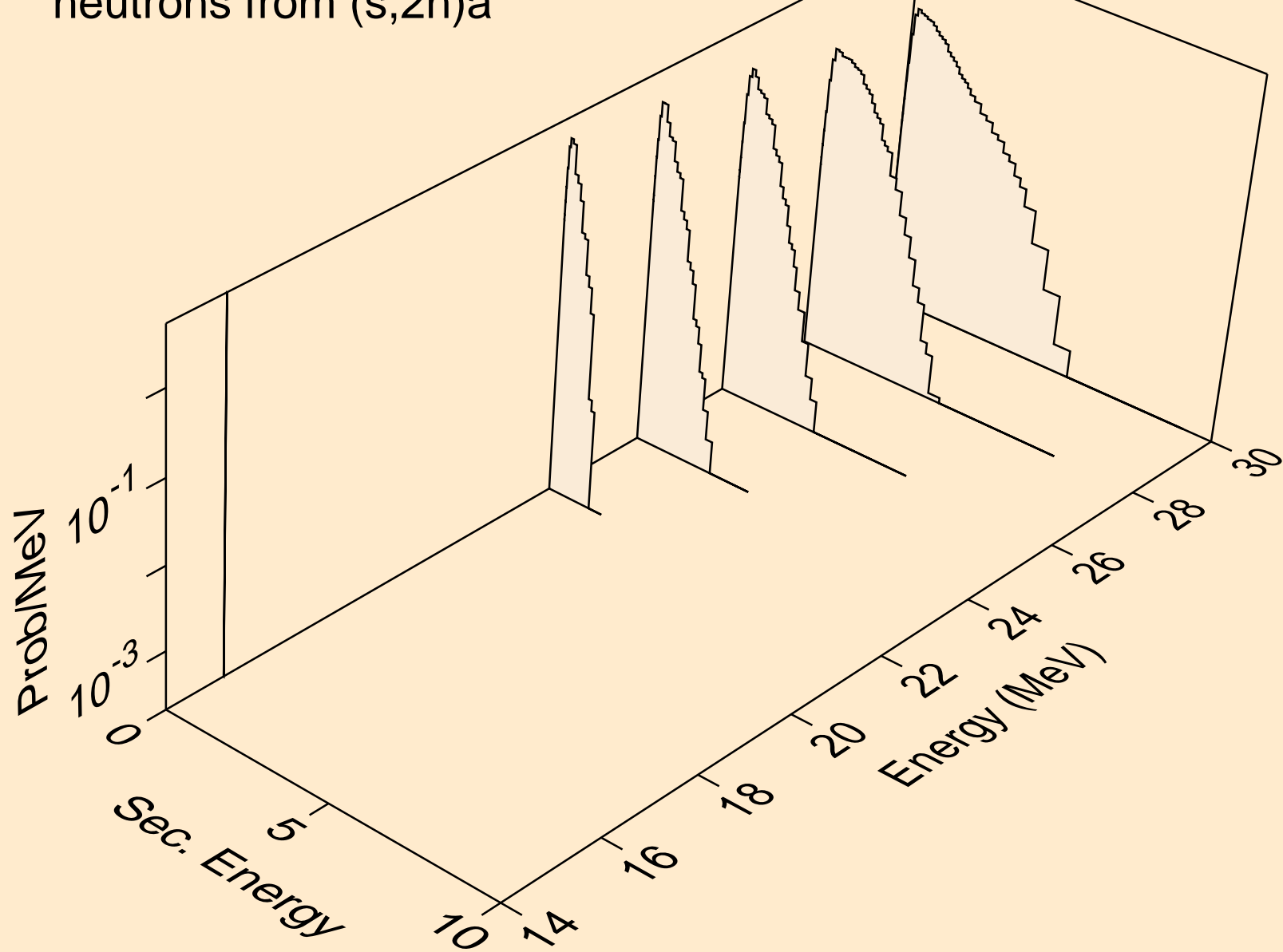




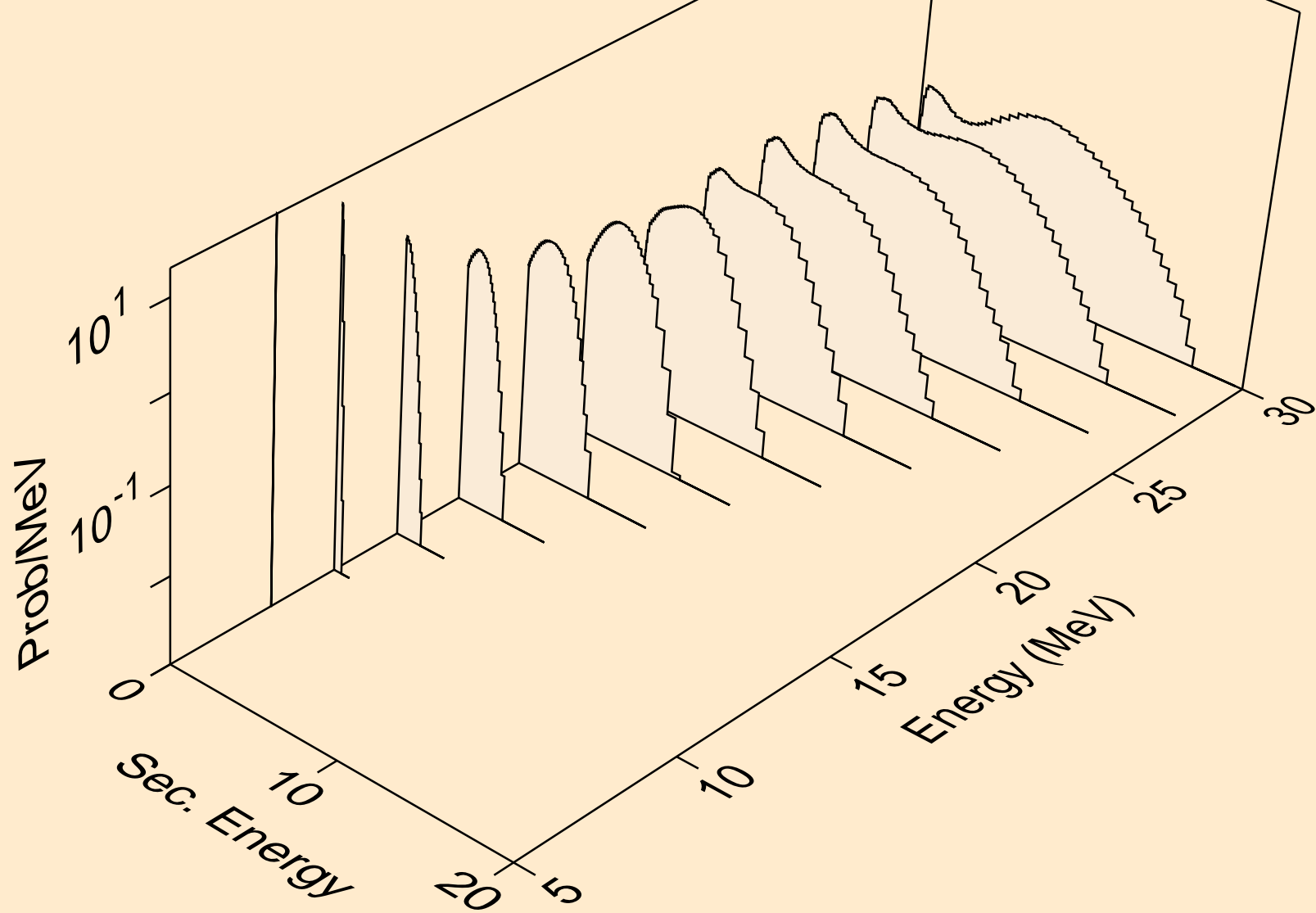
DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)a



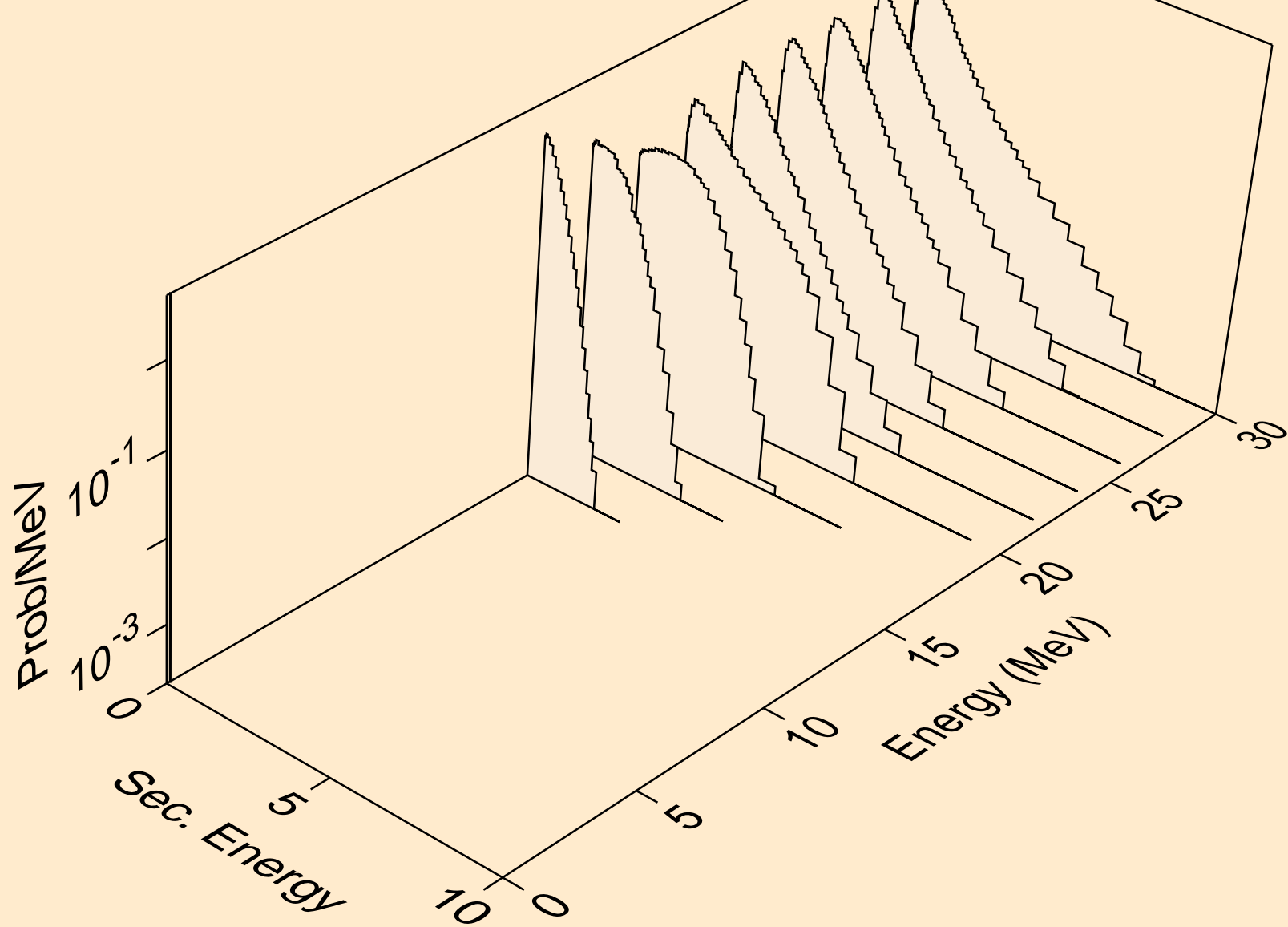
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neutrons from (s,2n)a



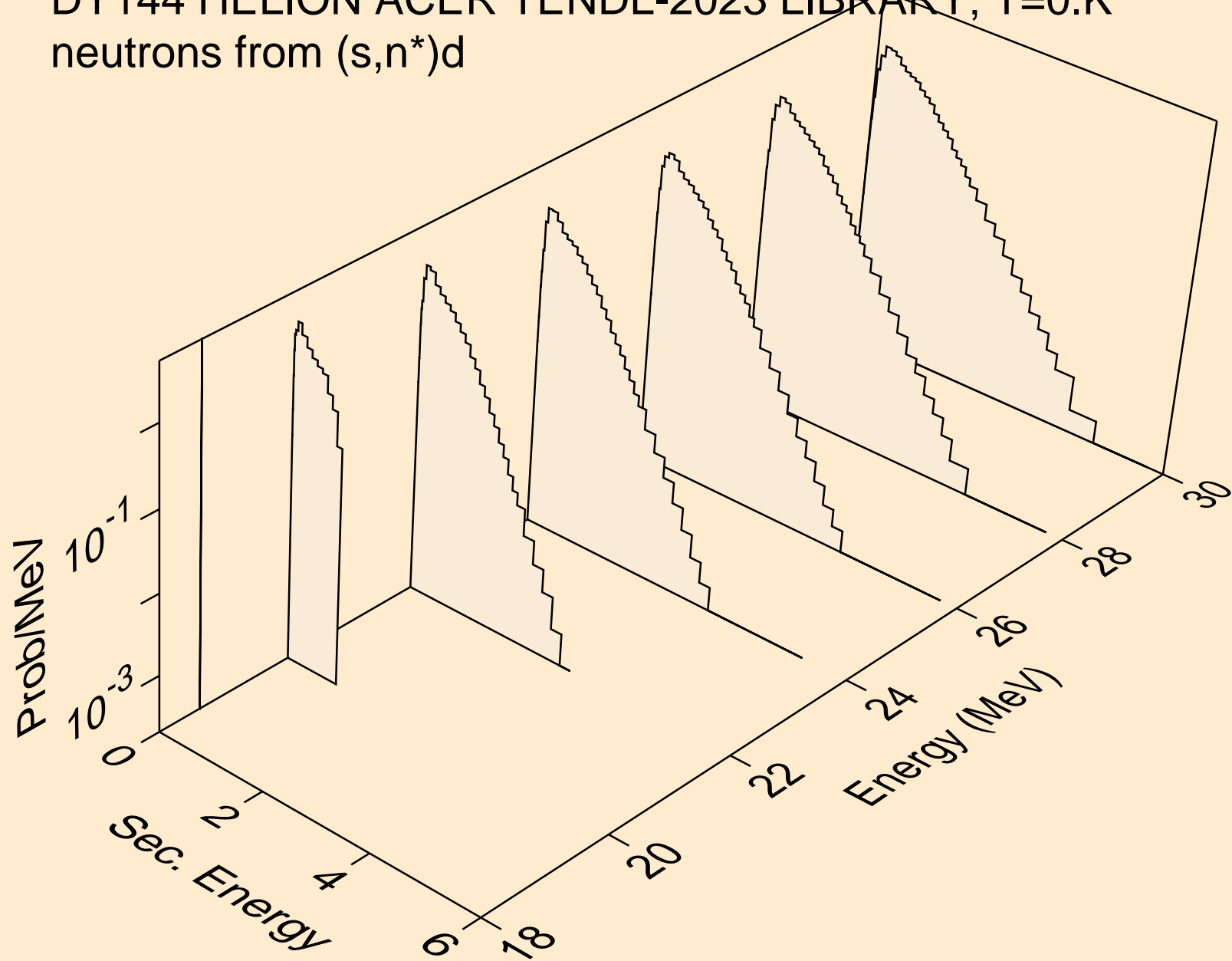
DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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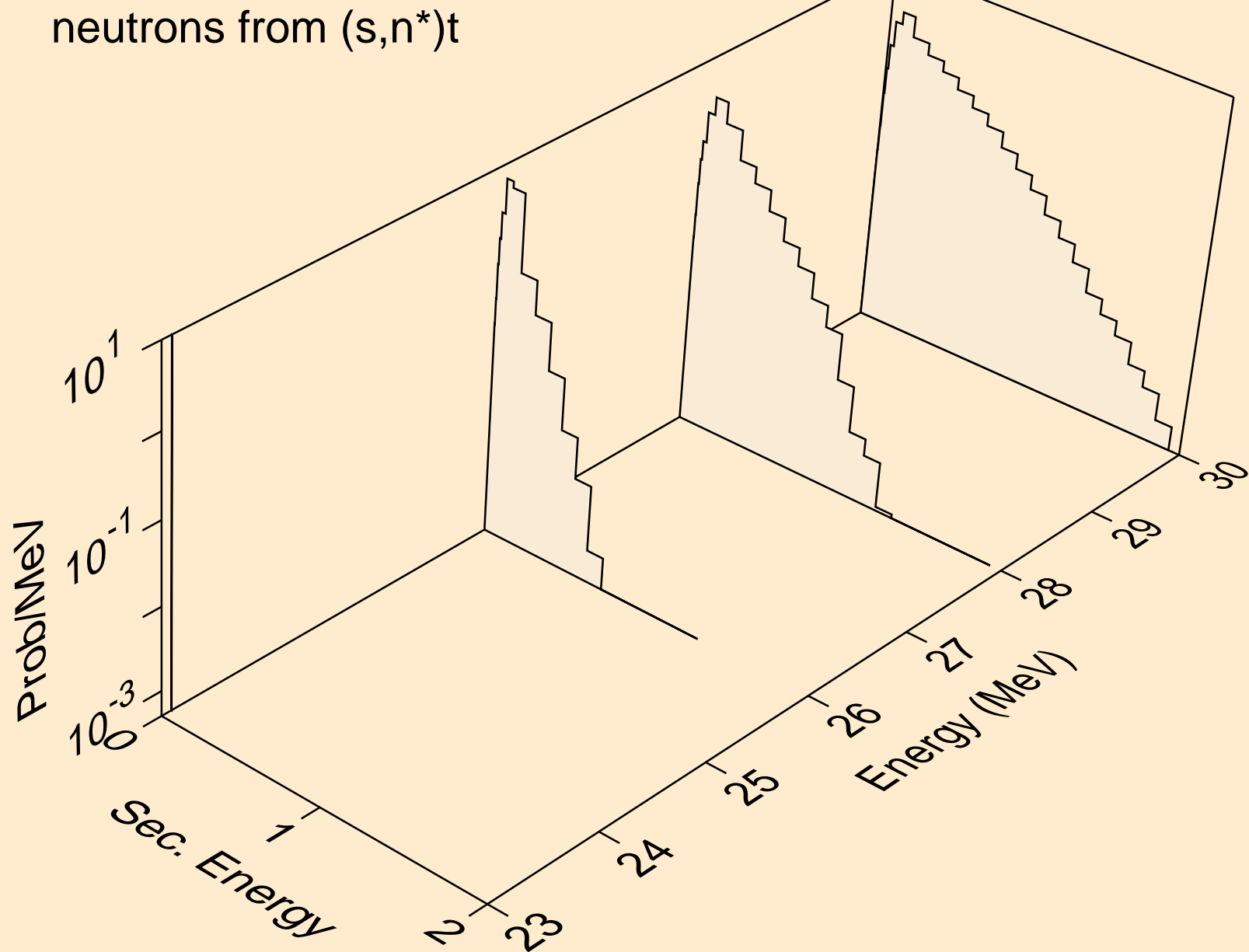
DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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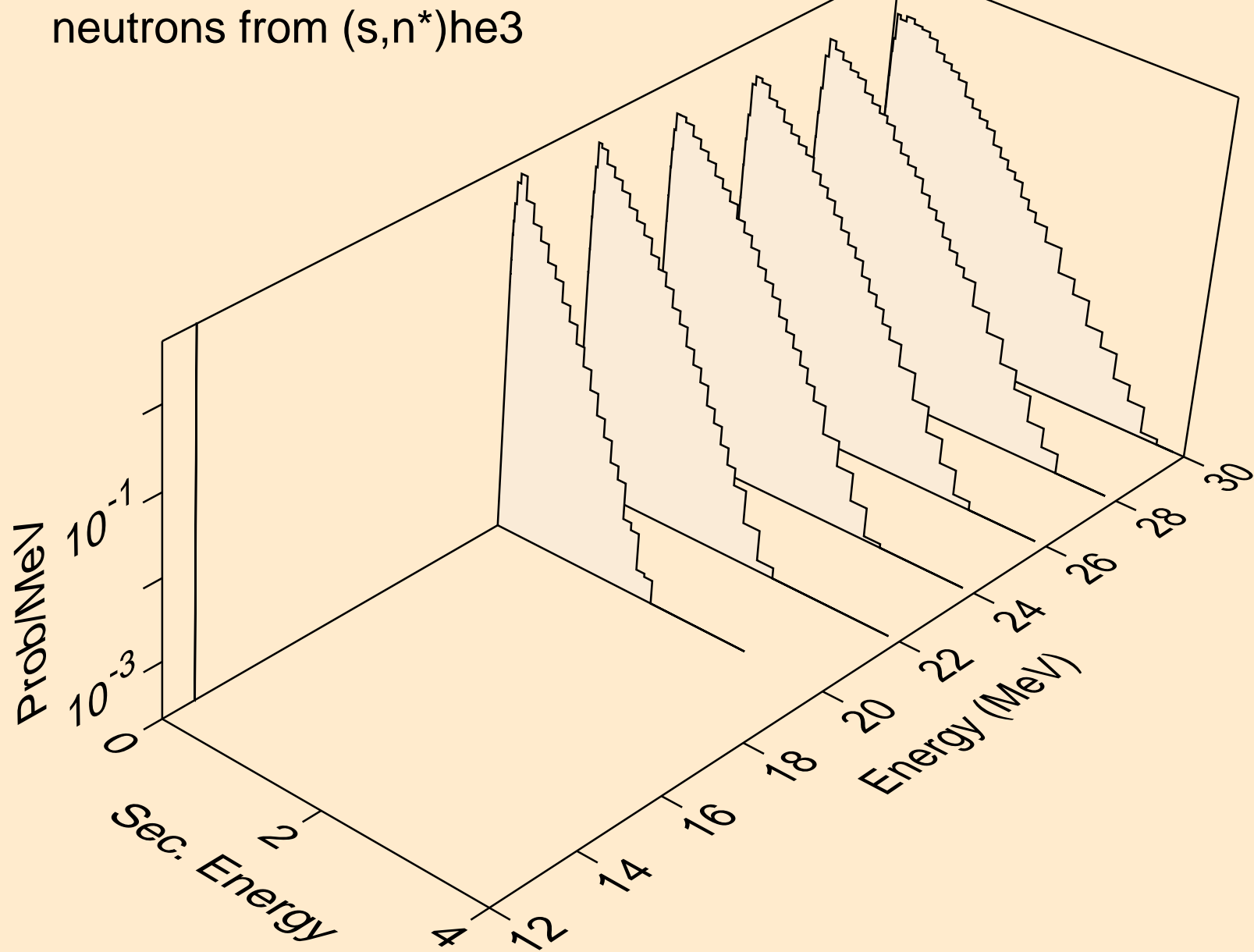
DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)d



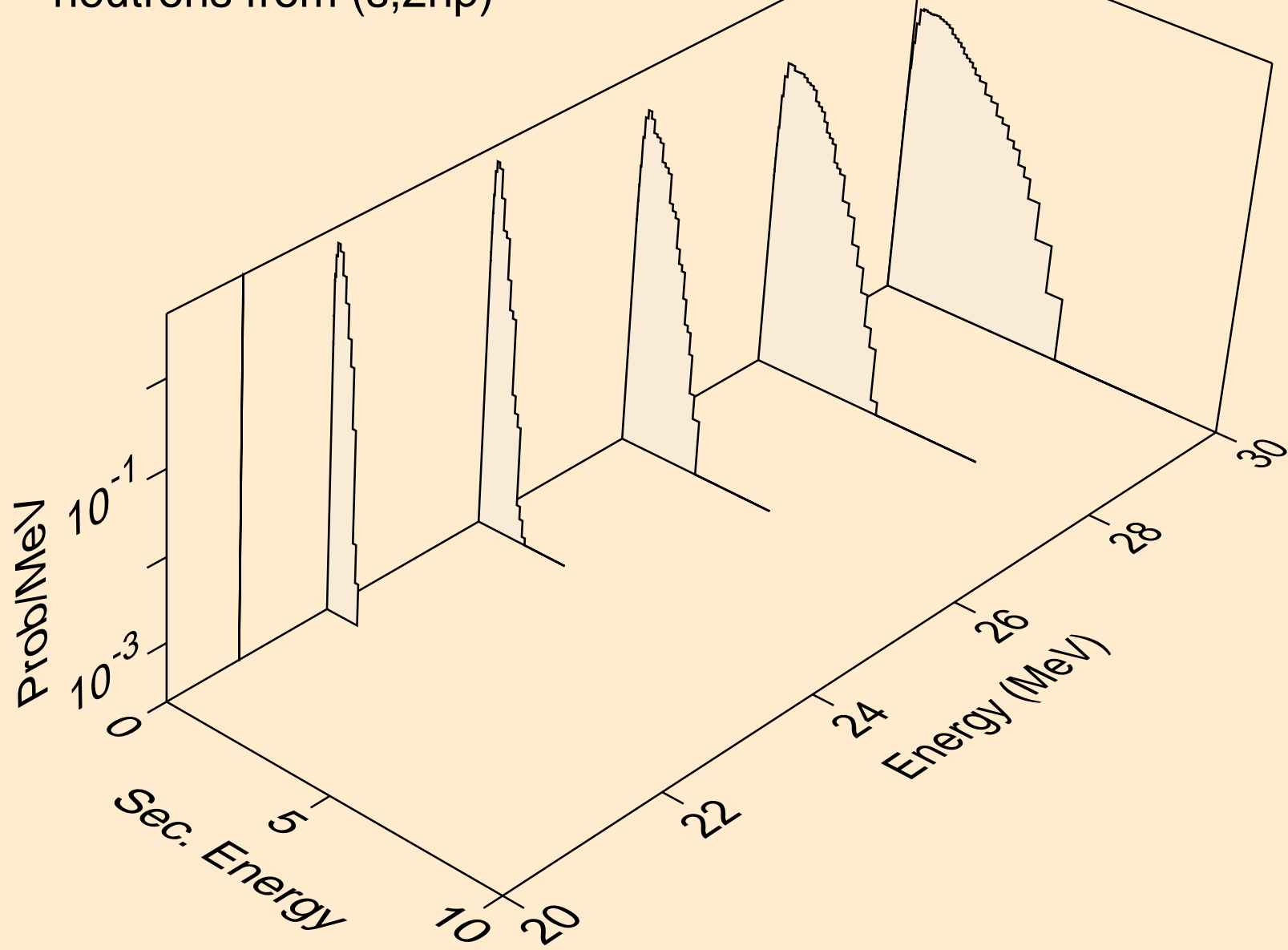
DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)t



DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)he3

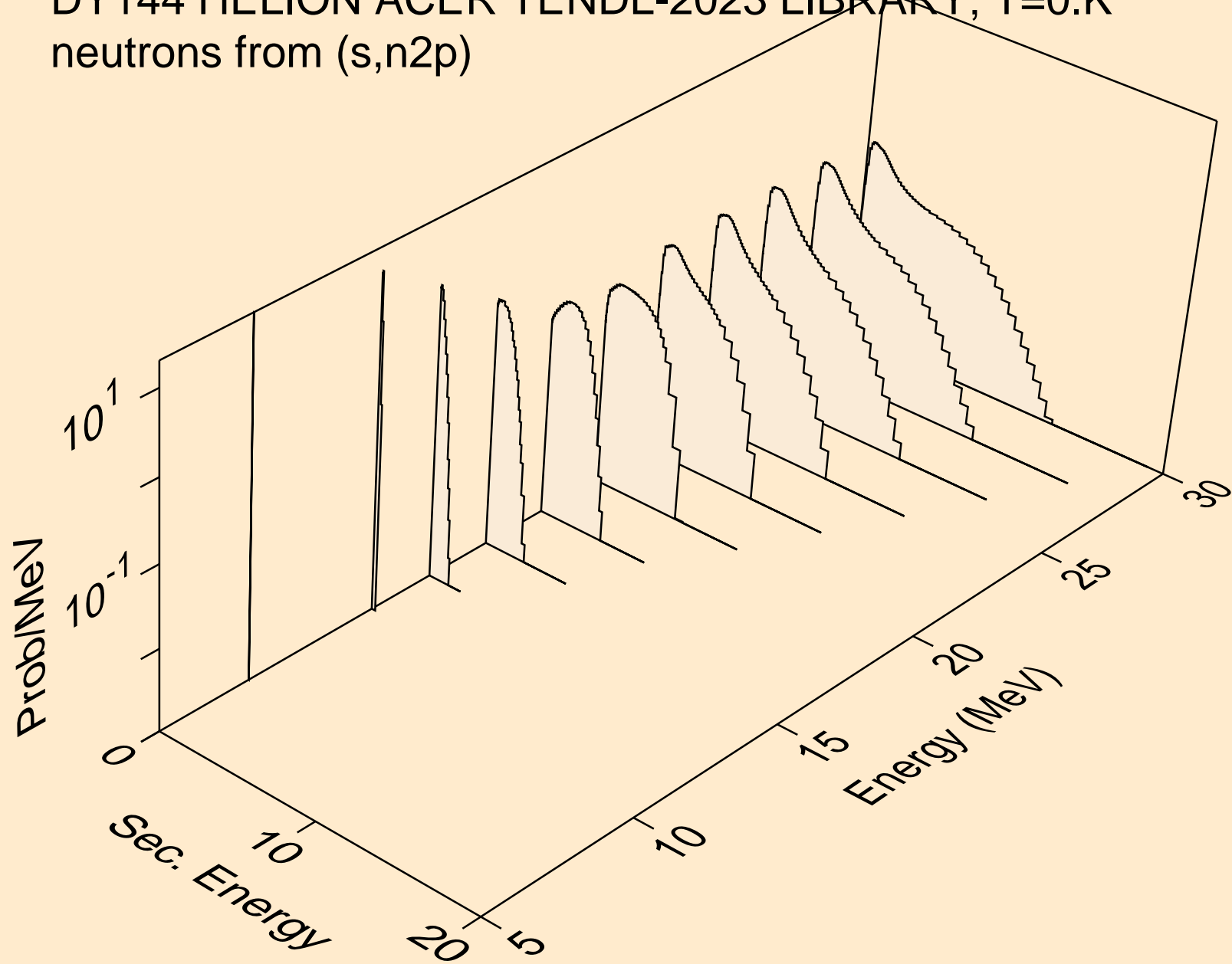


DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2np)

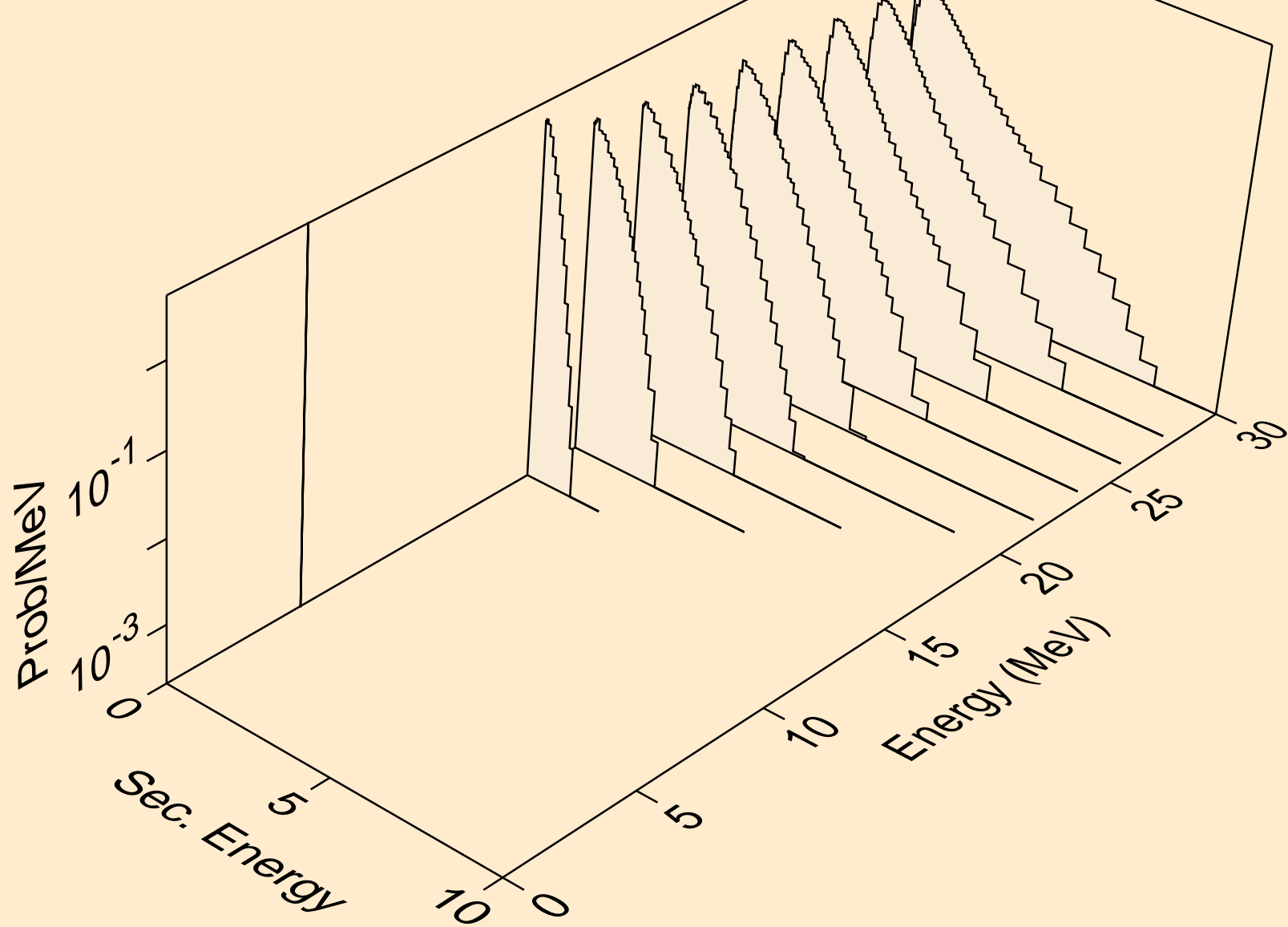




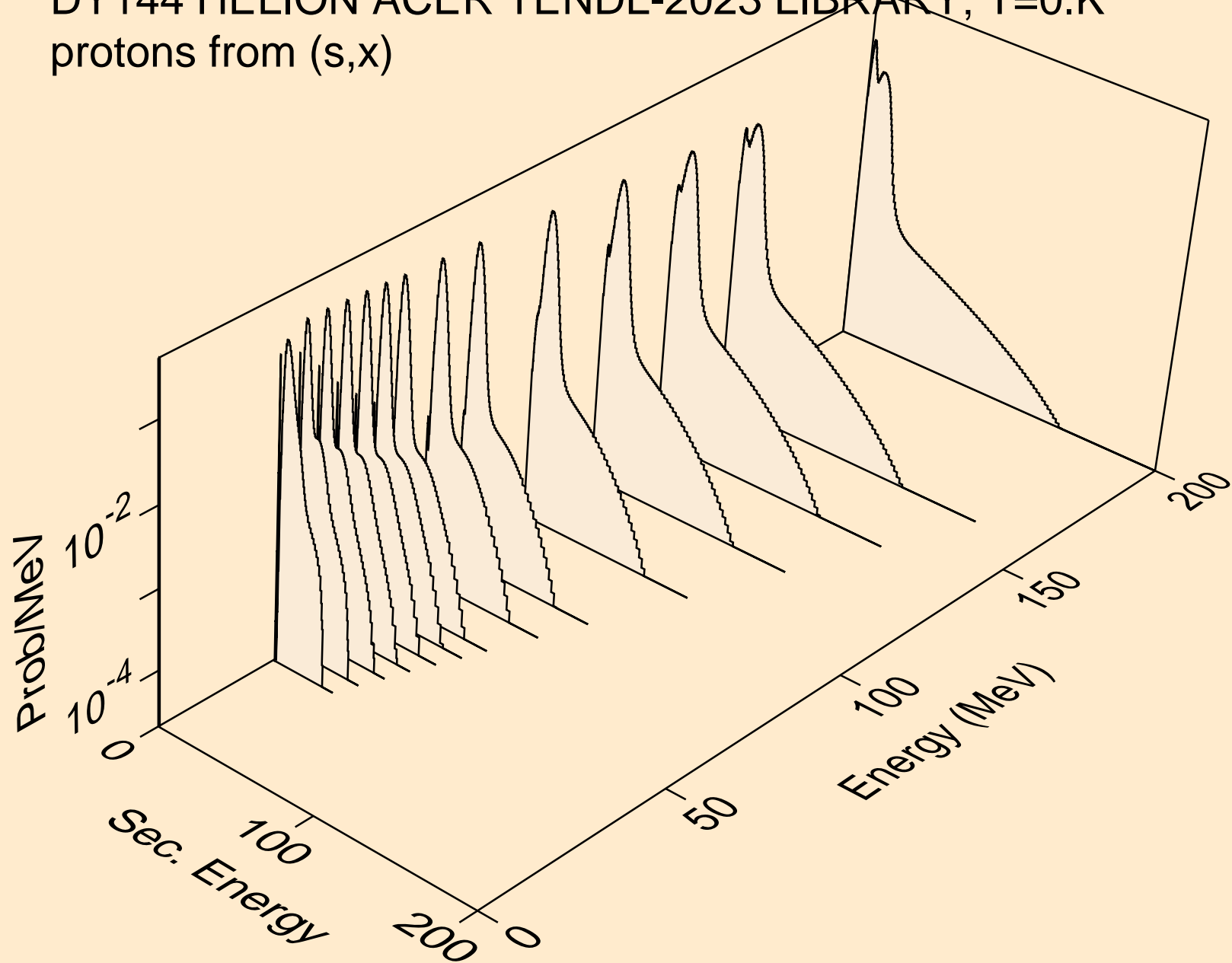
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neutrons from (s,n2p)



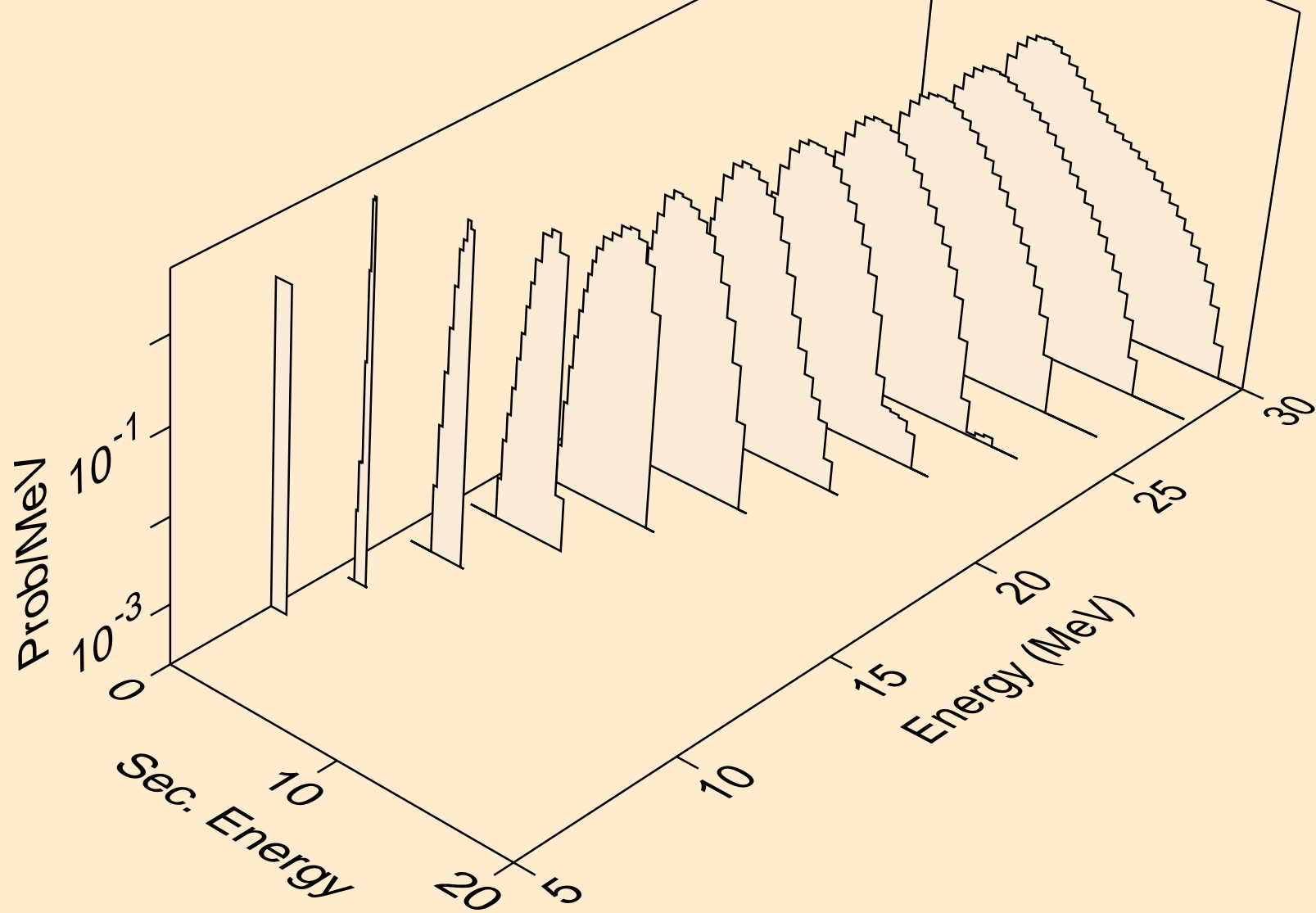
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neutrons from (s,npa)



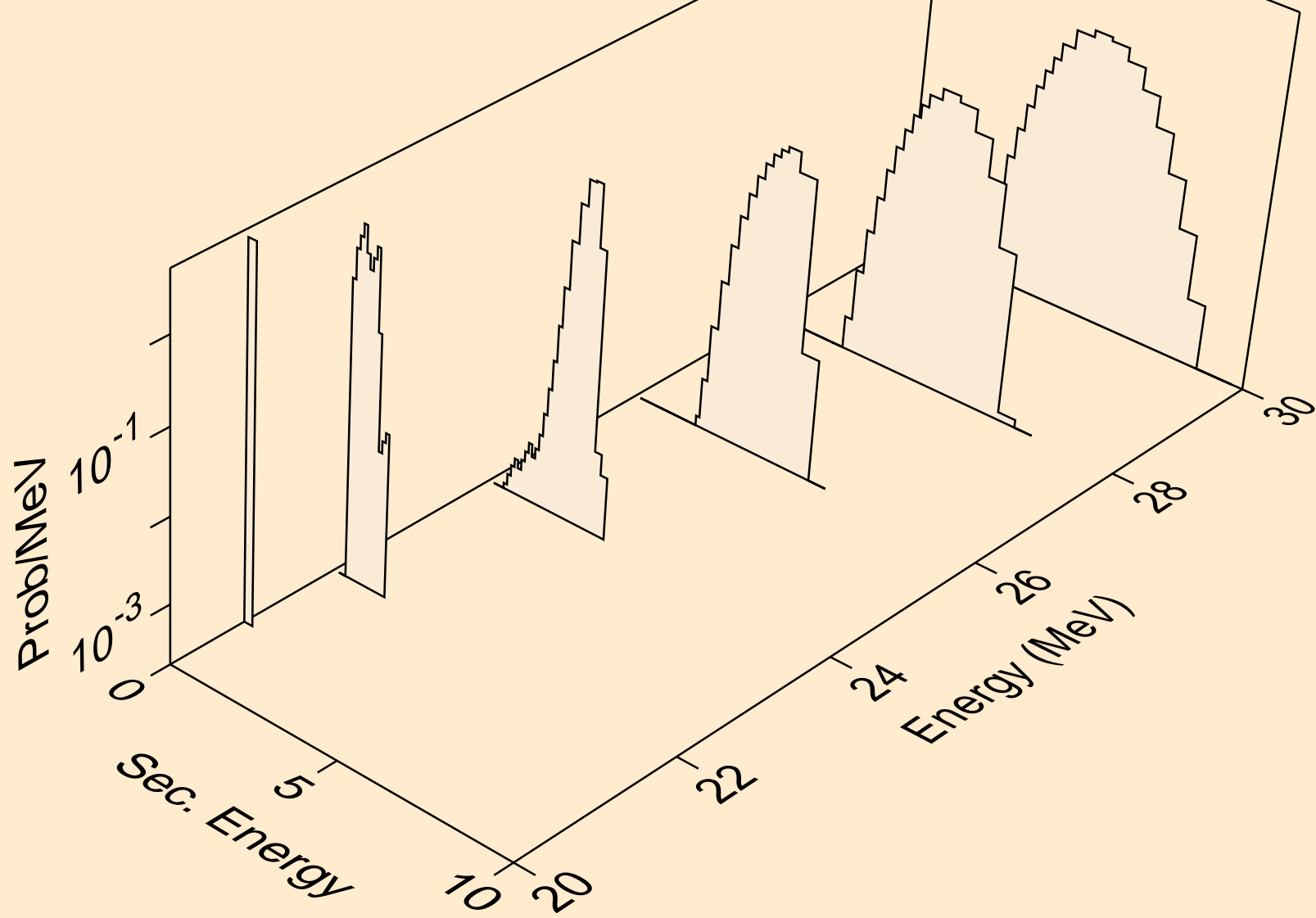
DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,x)



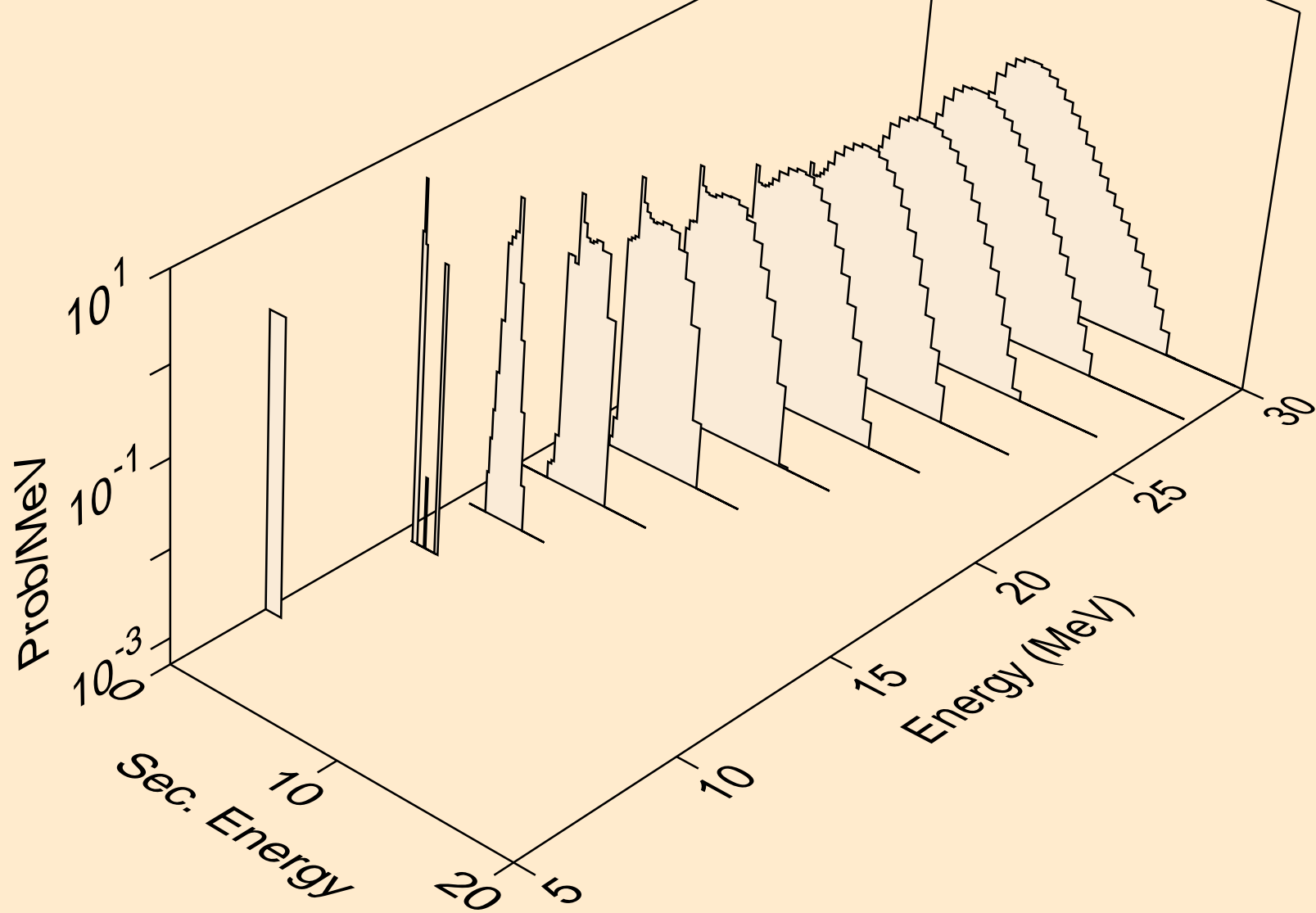
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protons from (s,n\*)p



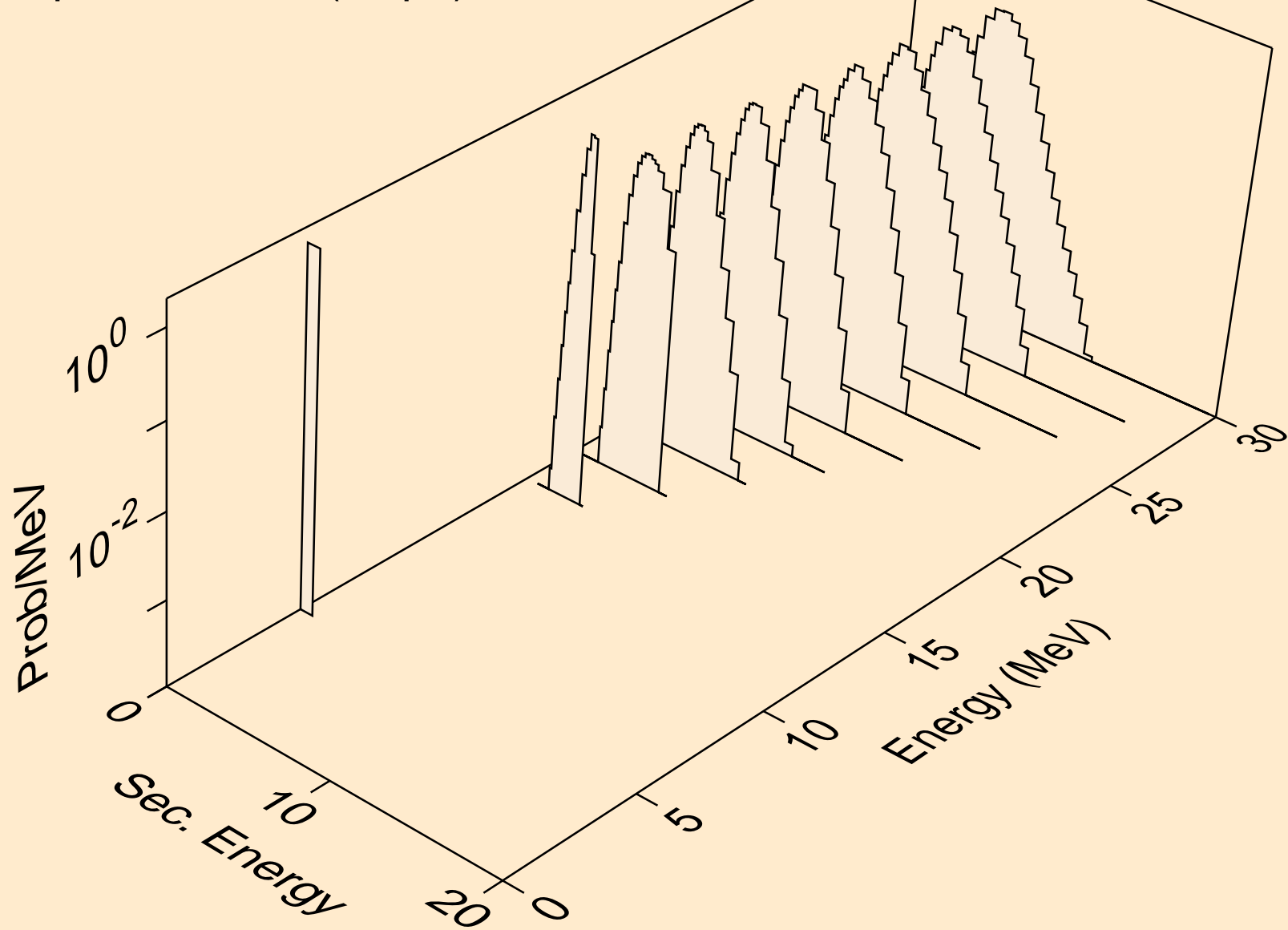
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protons from (s,2np)



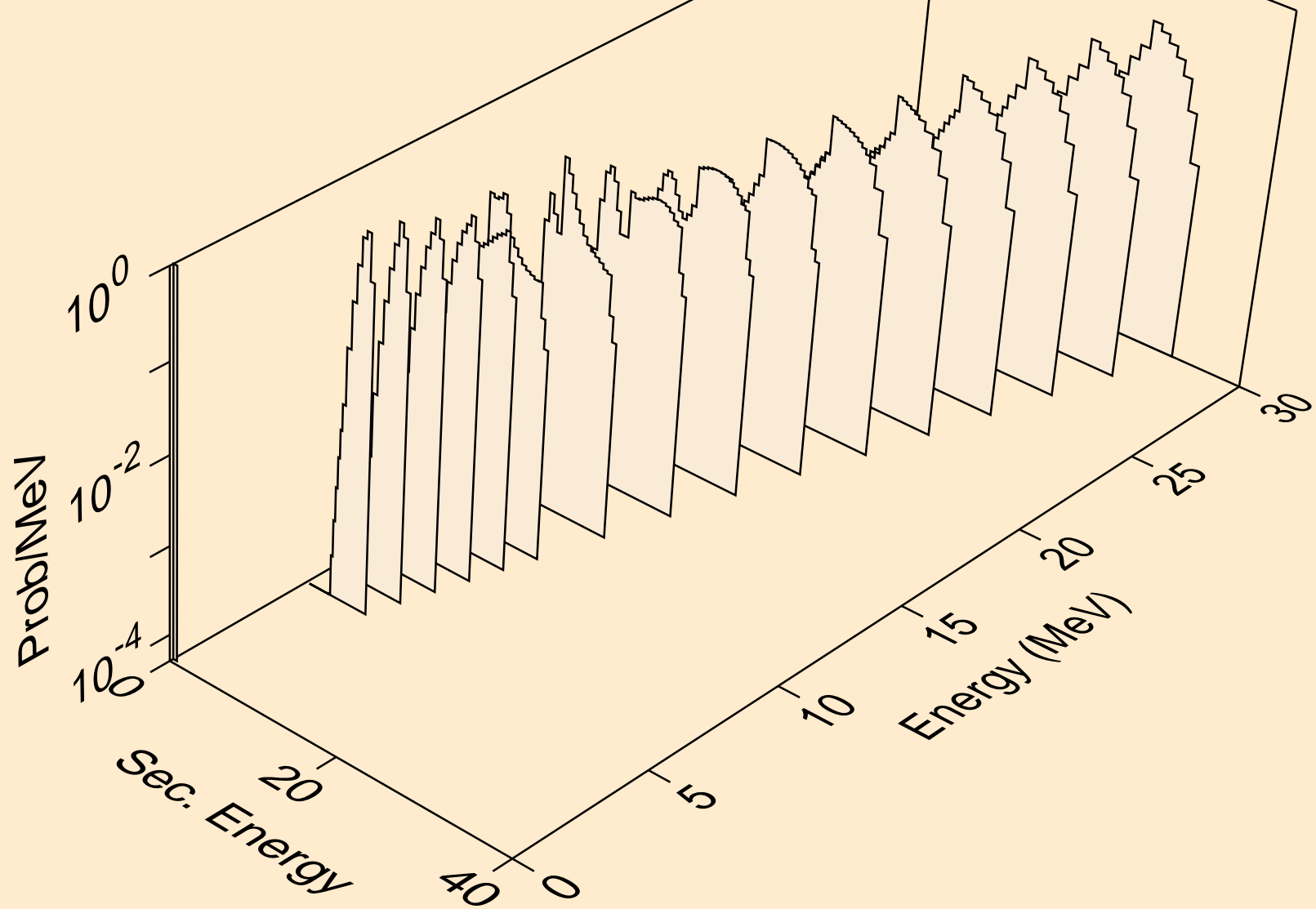
DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,n2p)



DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,npa)

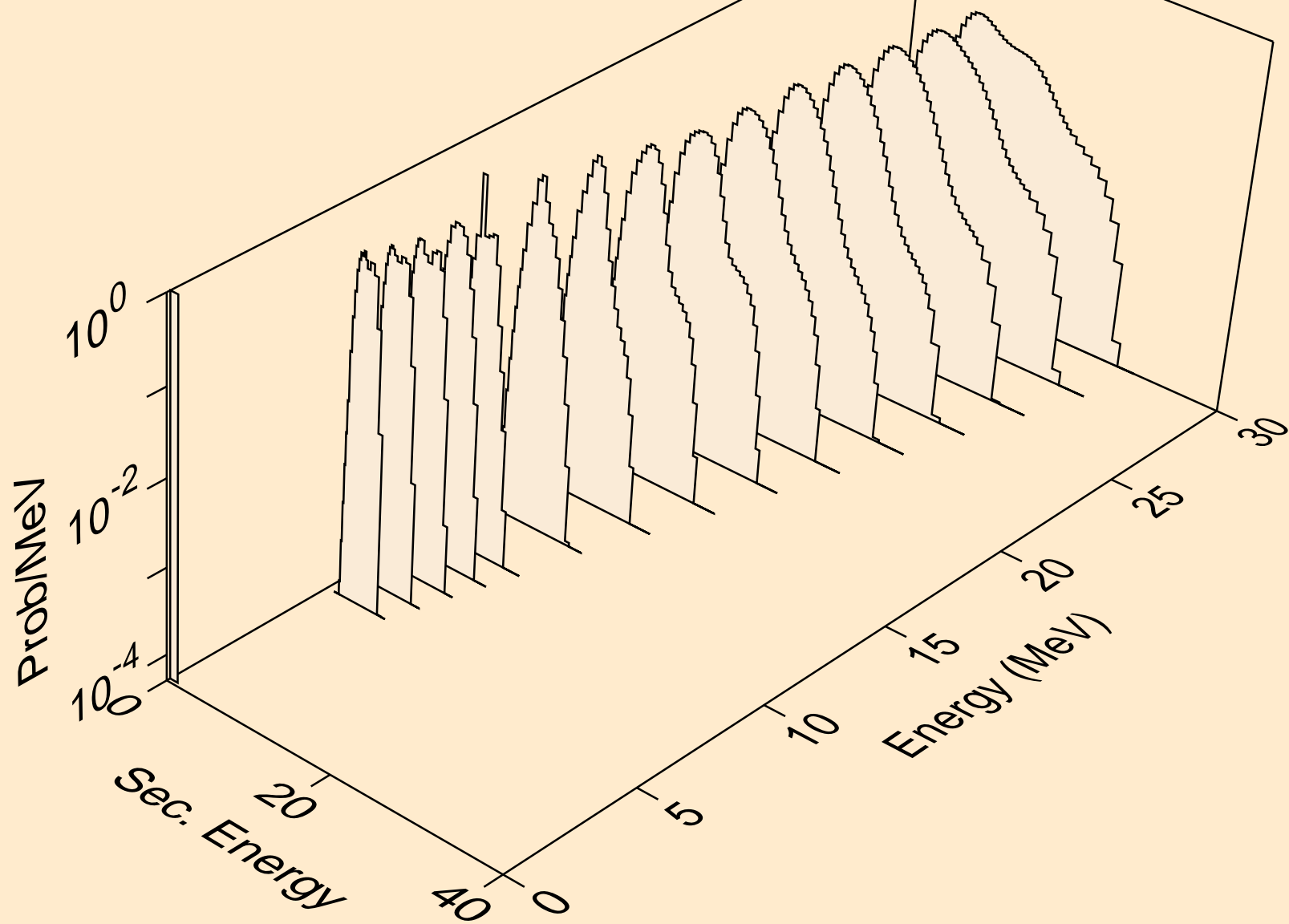


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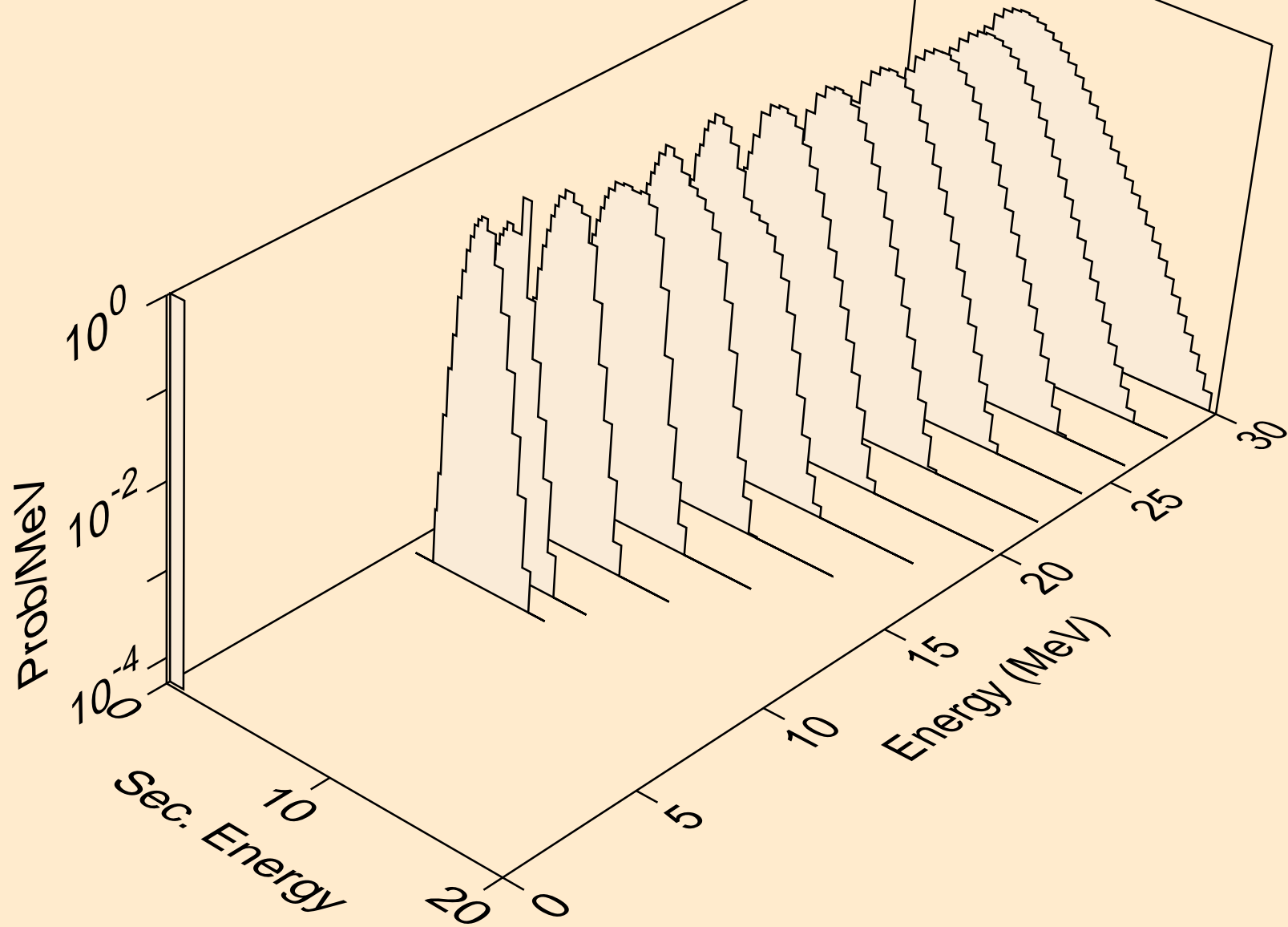




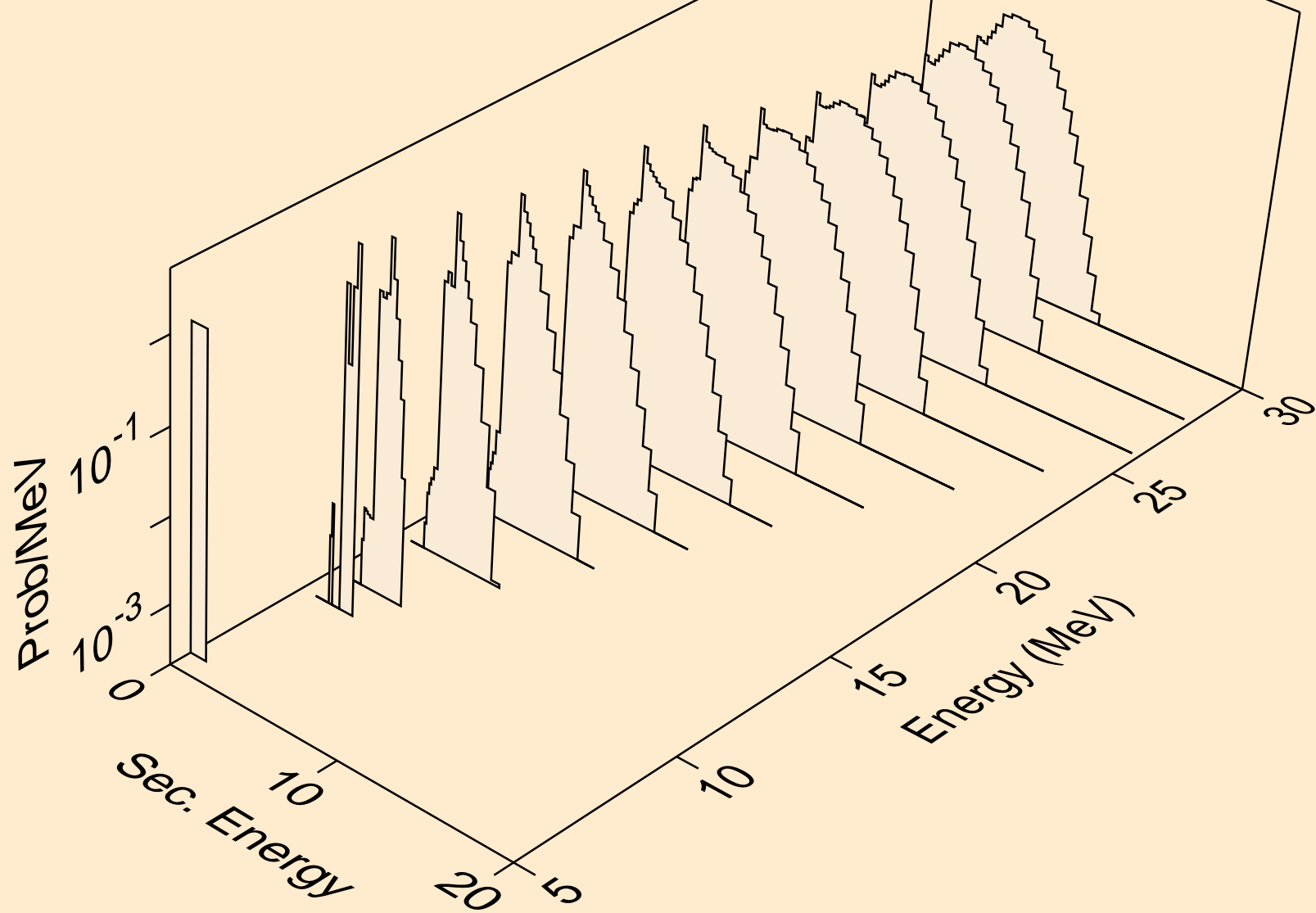
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protons from (s,2p)



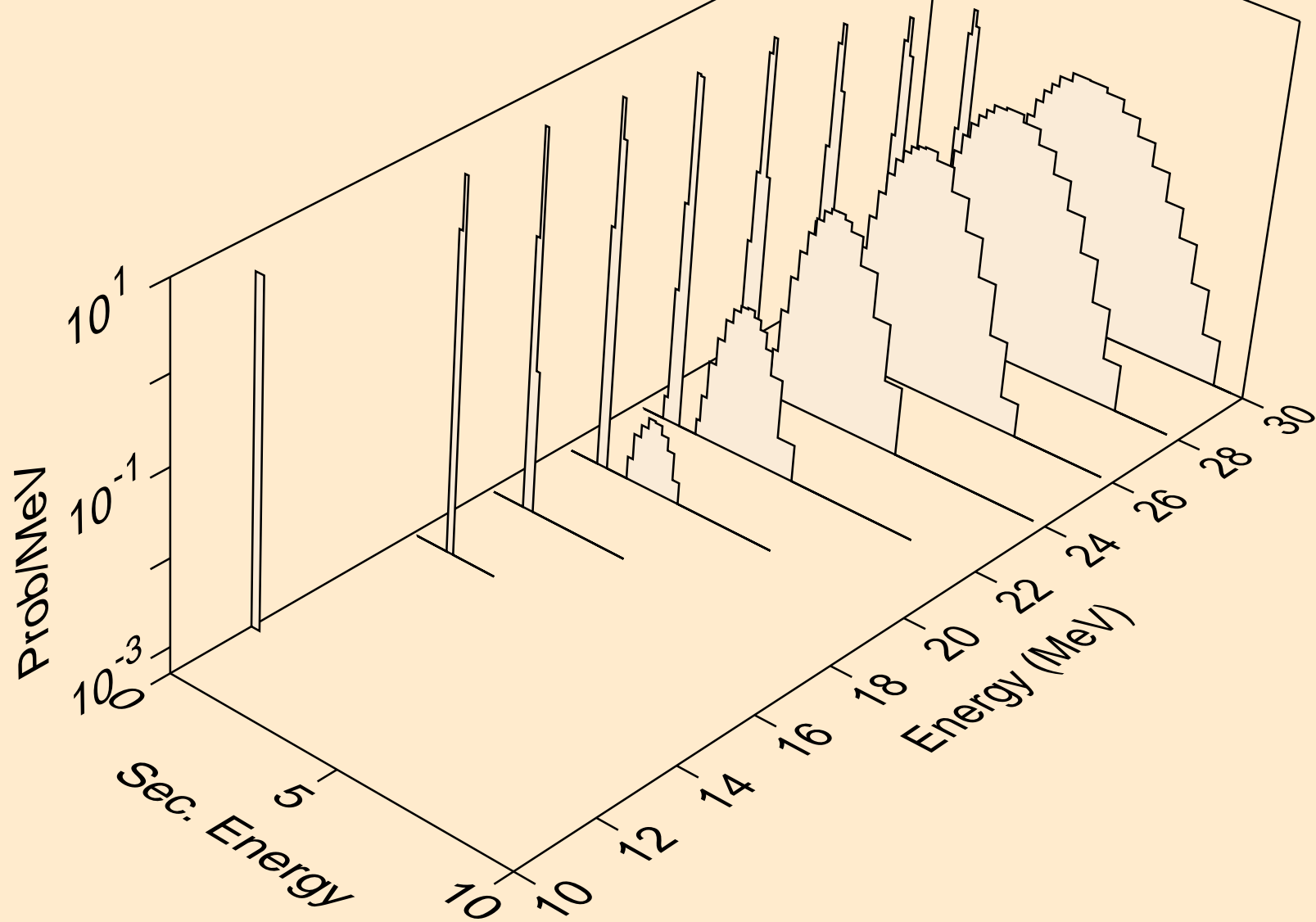
DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pa)



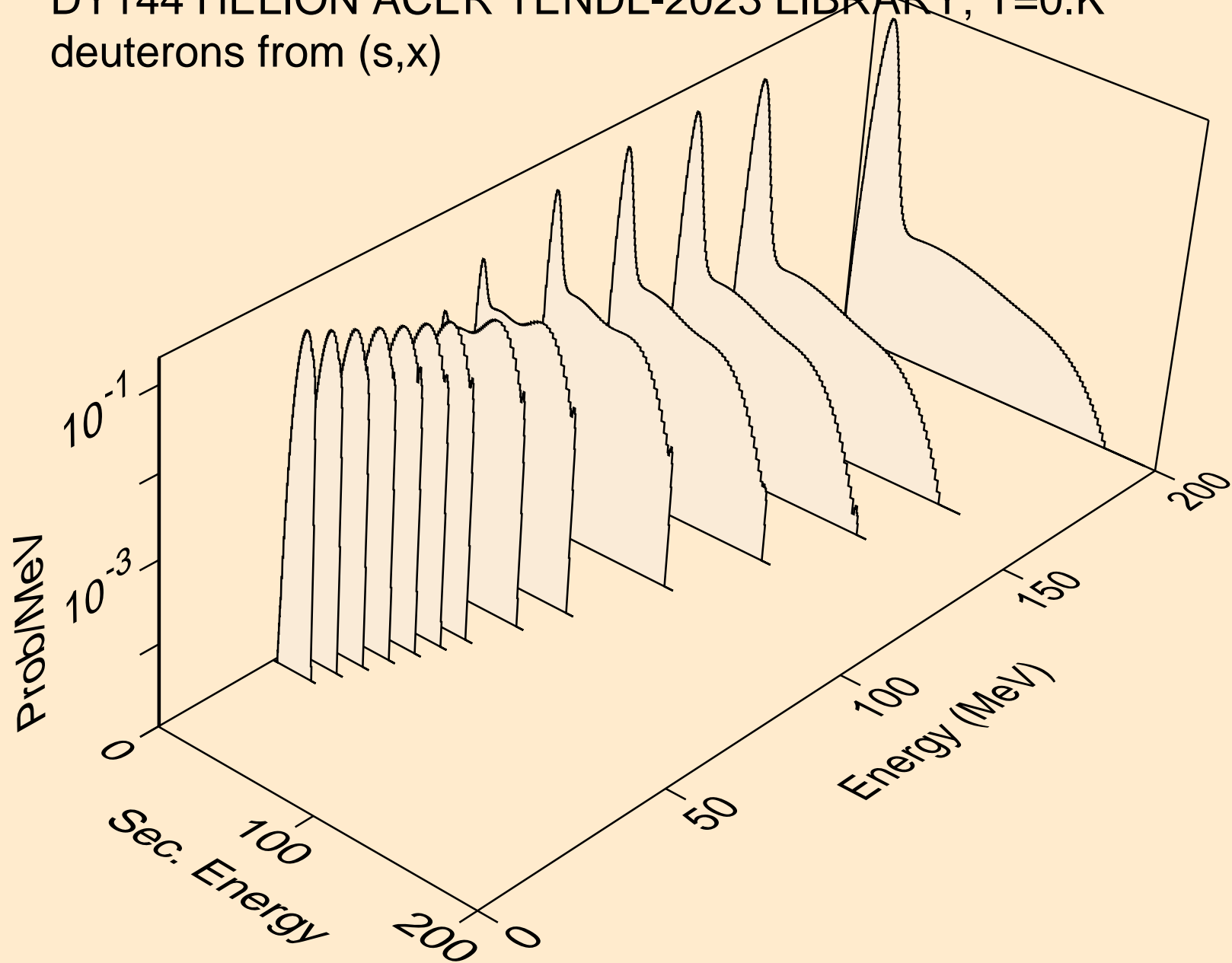
DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pd)



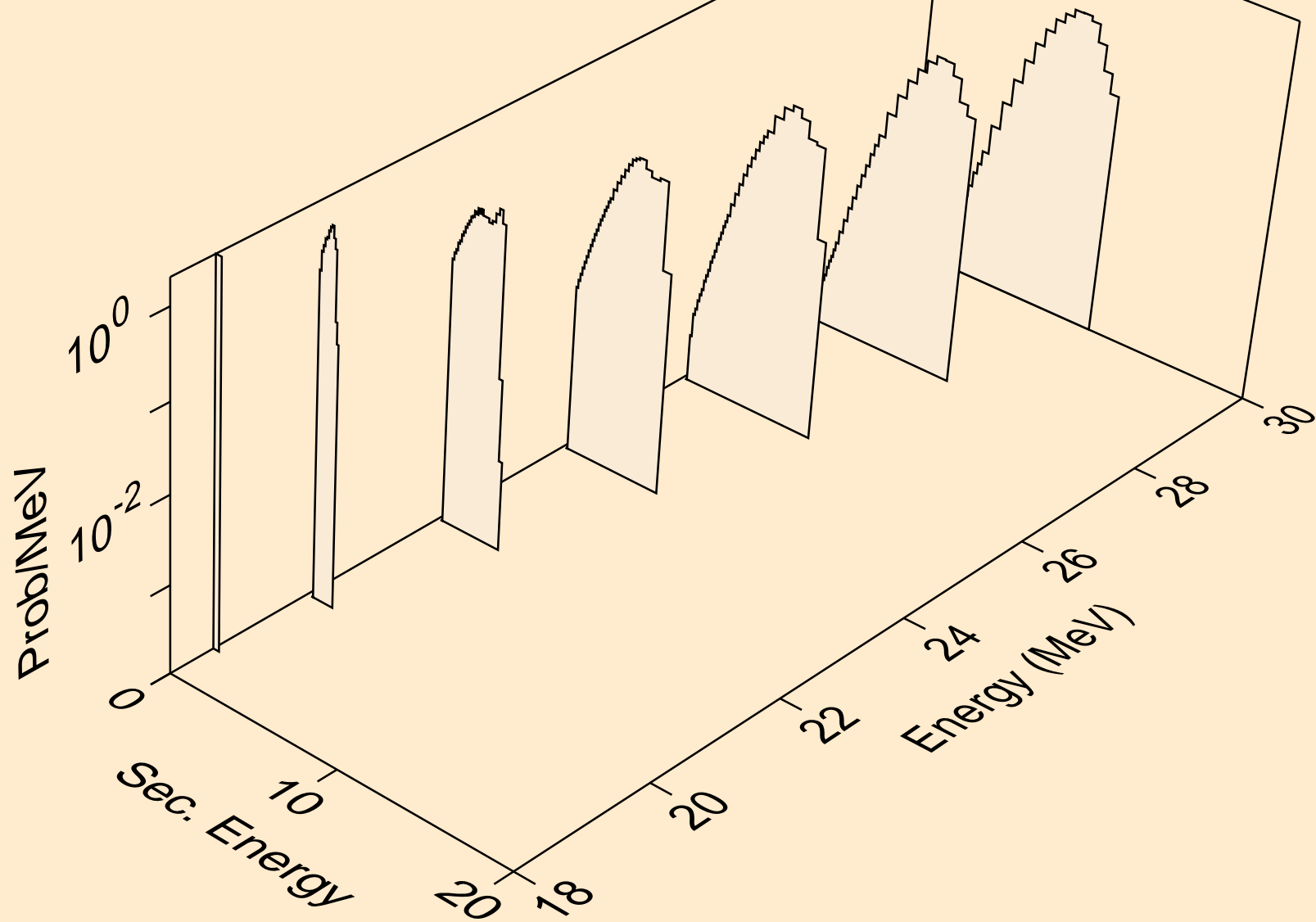
DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pt)



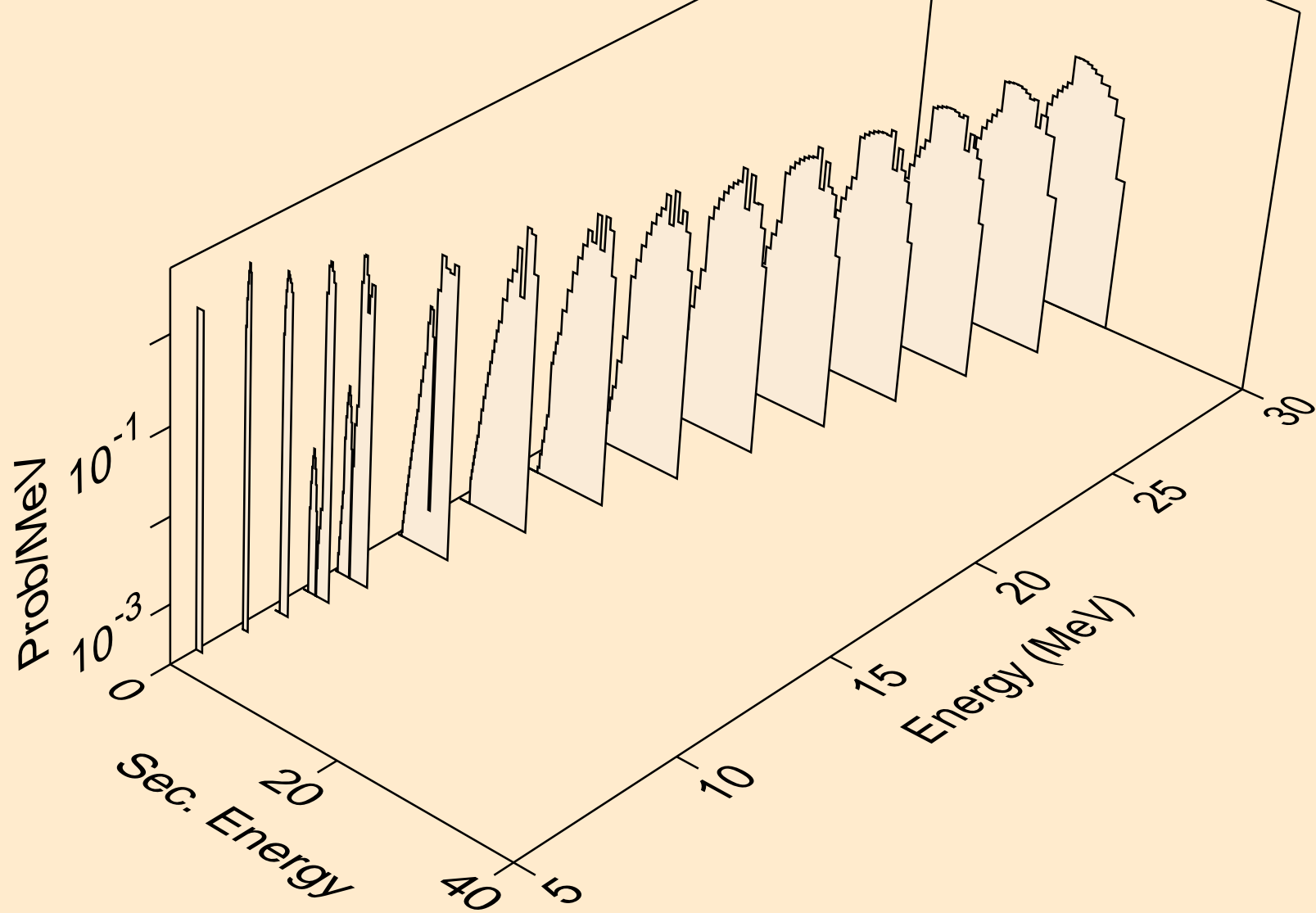
DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,x)



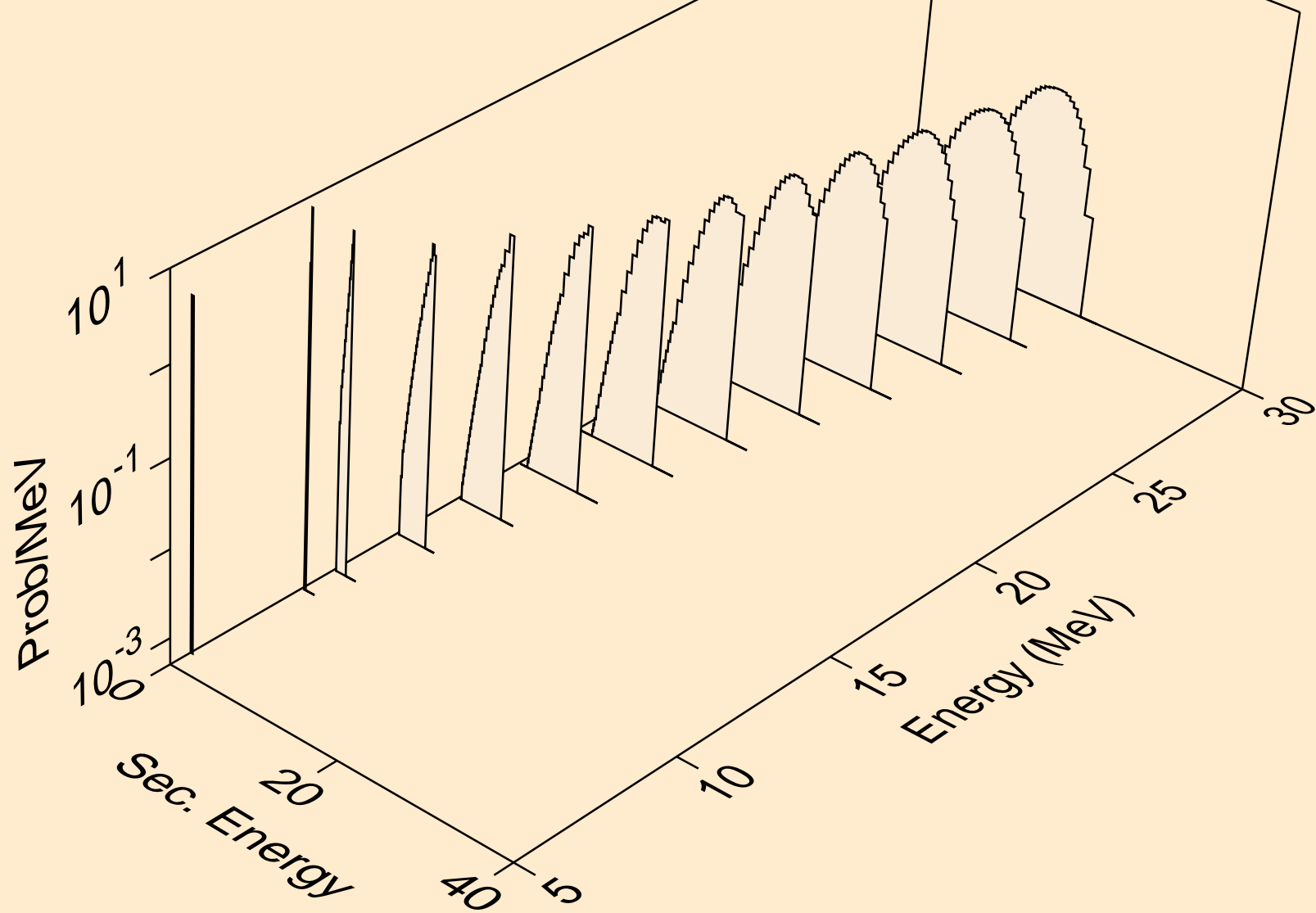
DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,n\*)d



DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,d)

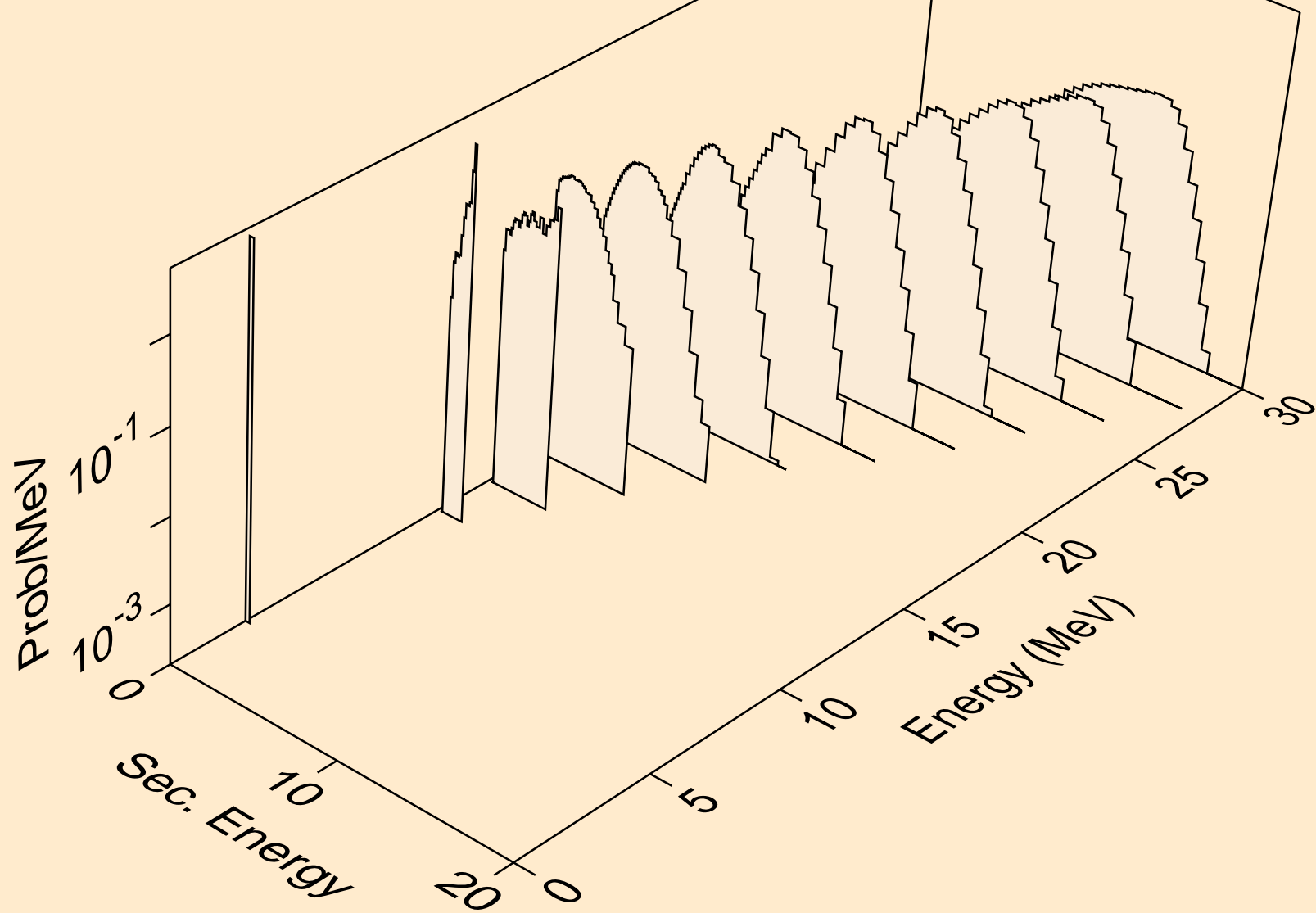


DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,pd)

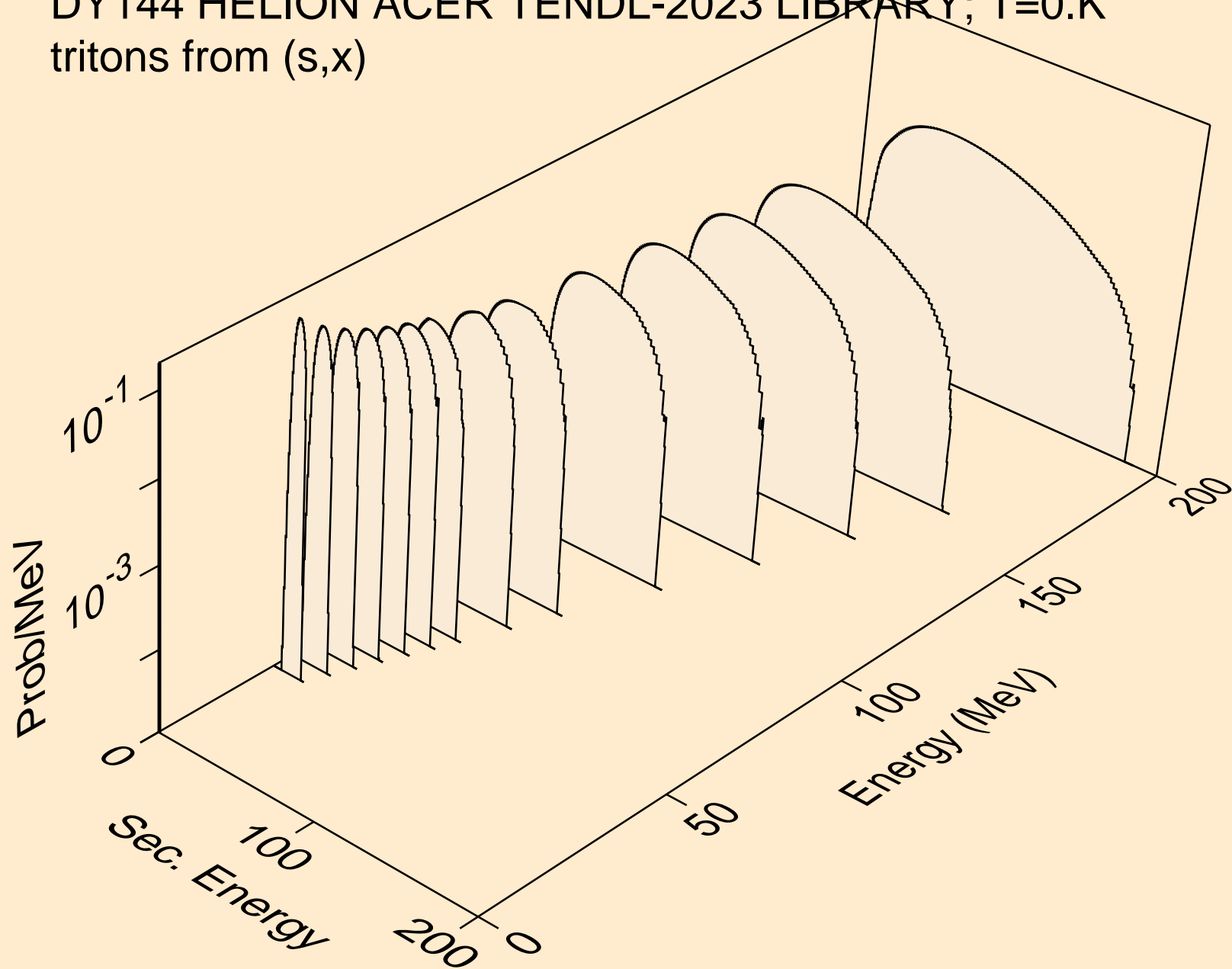




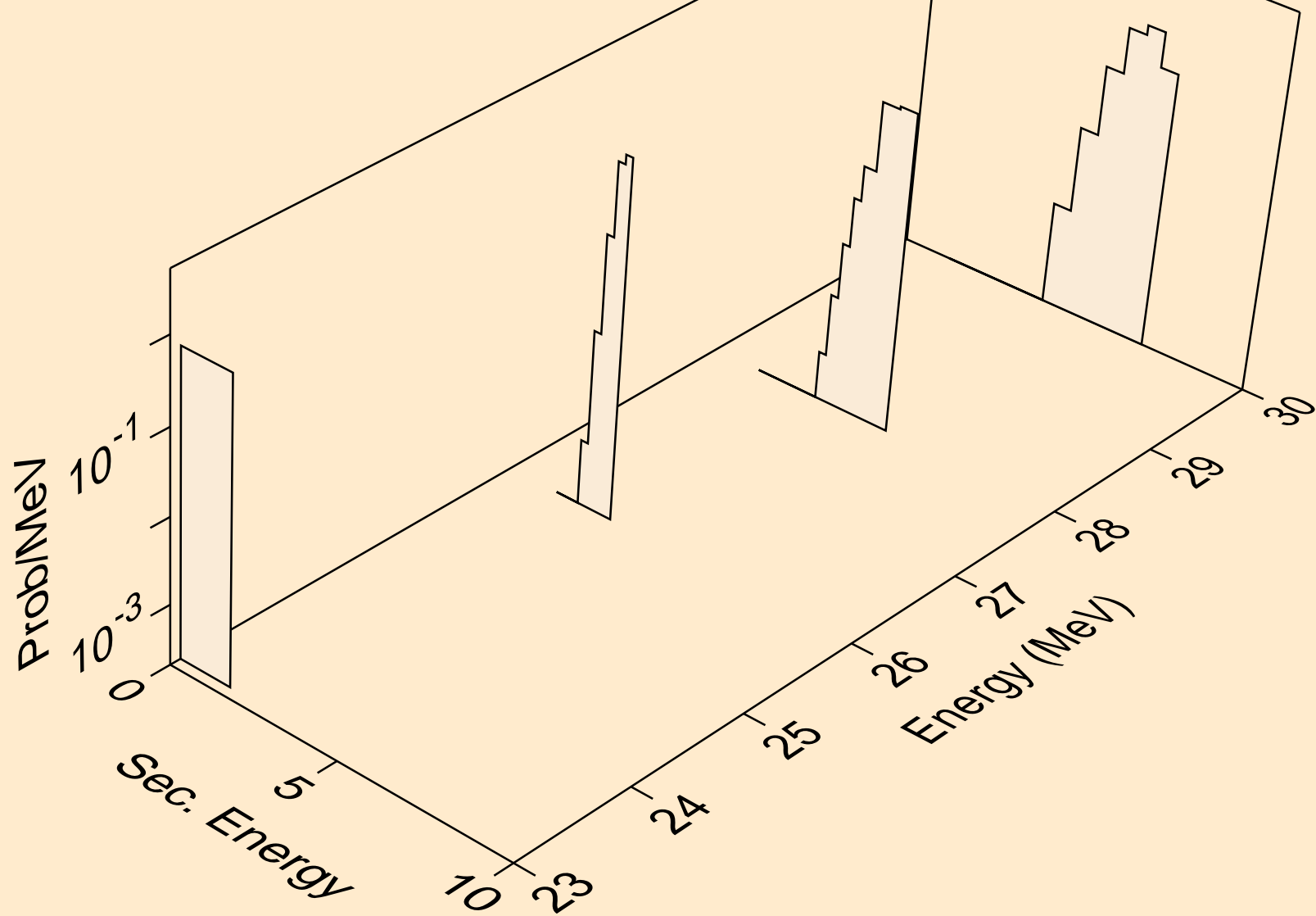
DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,da)



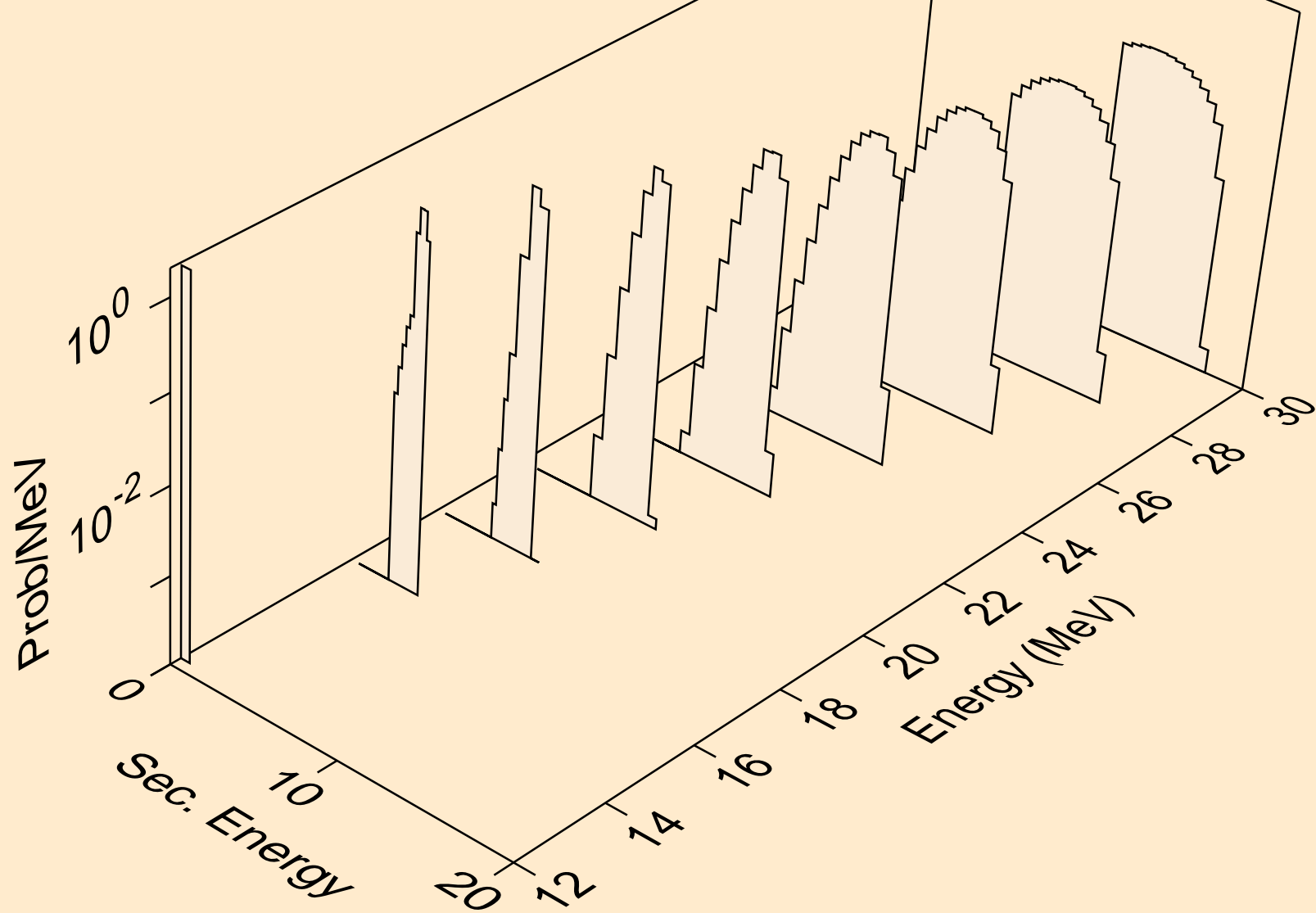
DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,x)



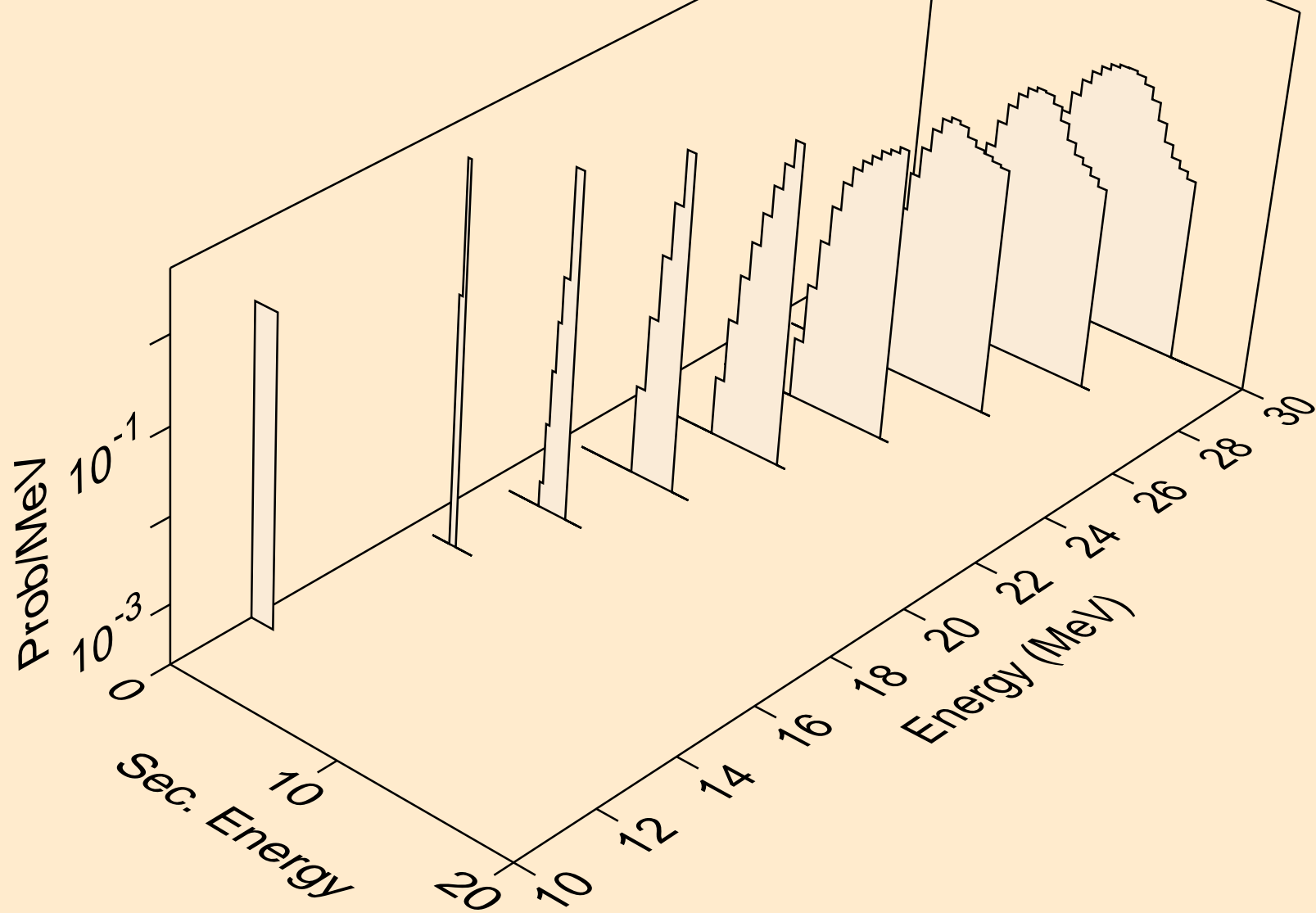
DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,n\*)t



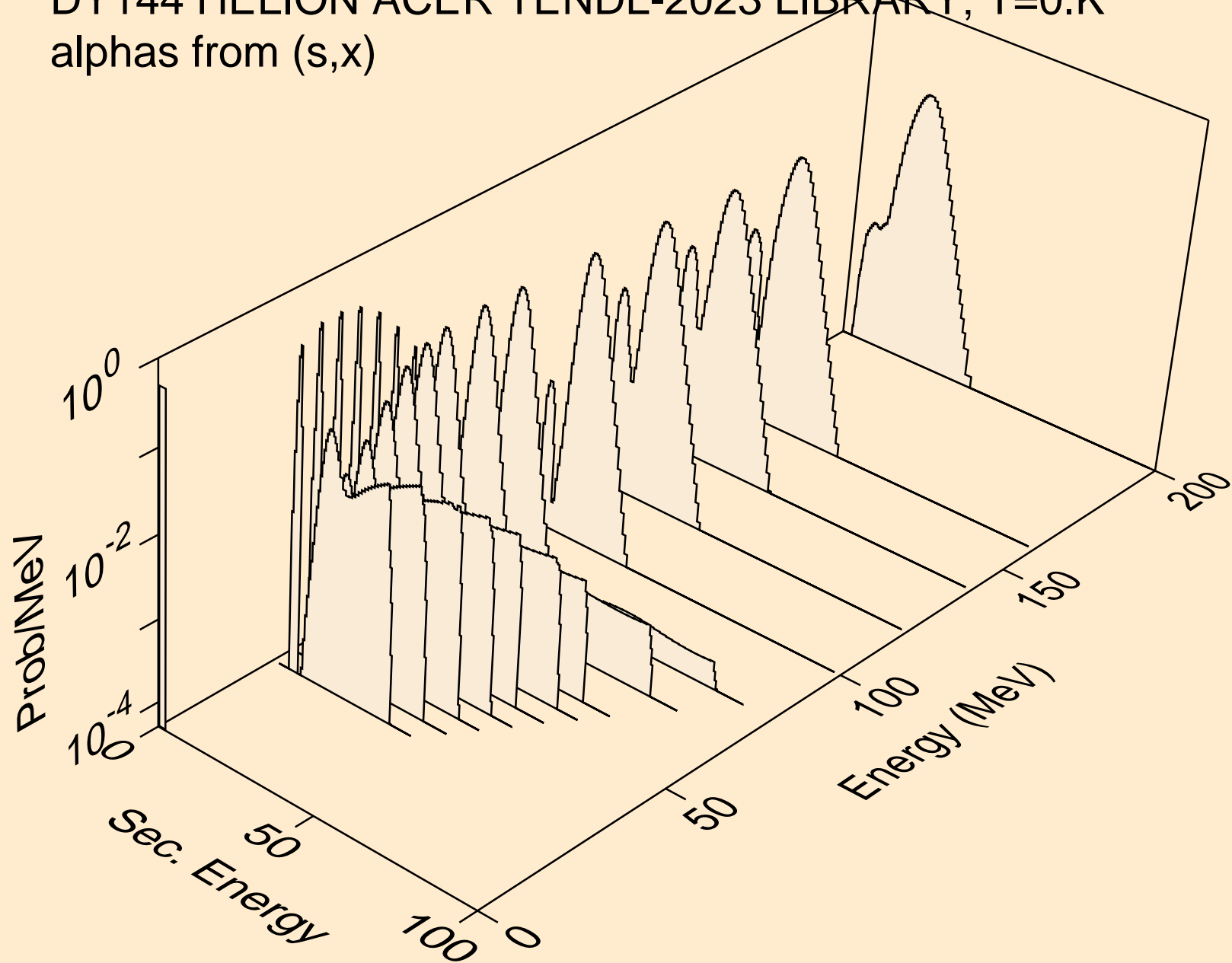
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tritons from (s,t)



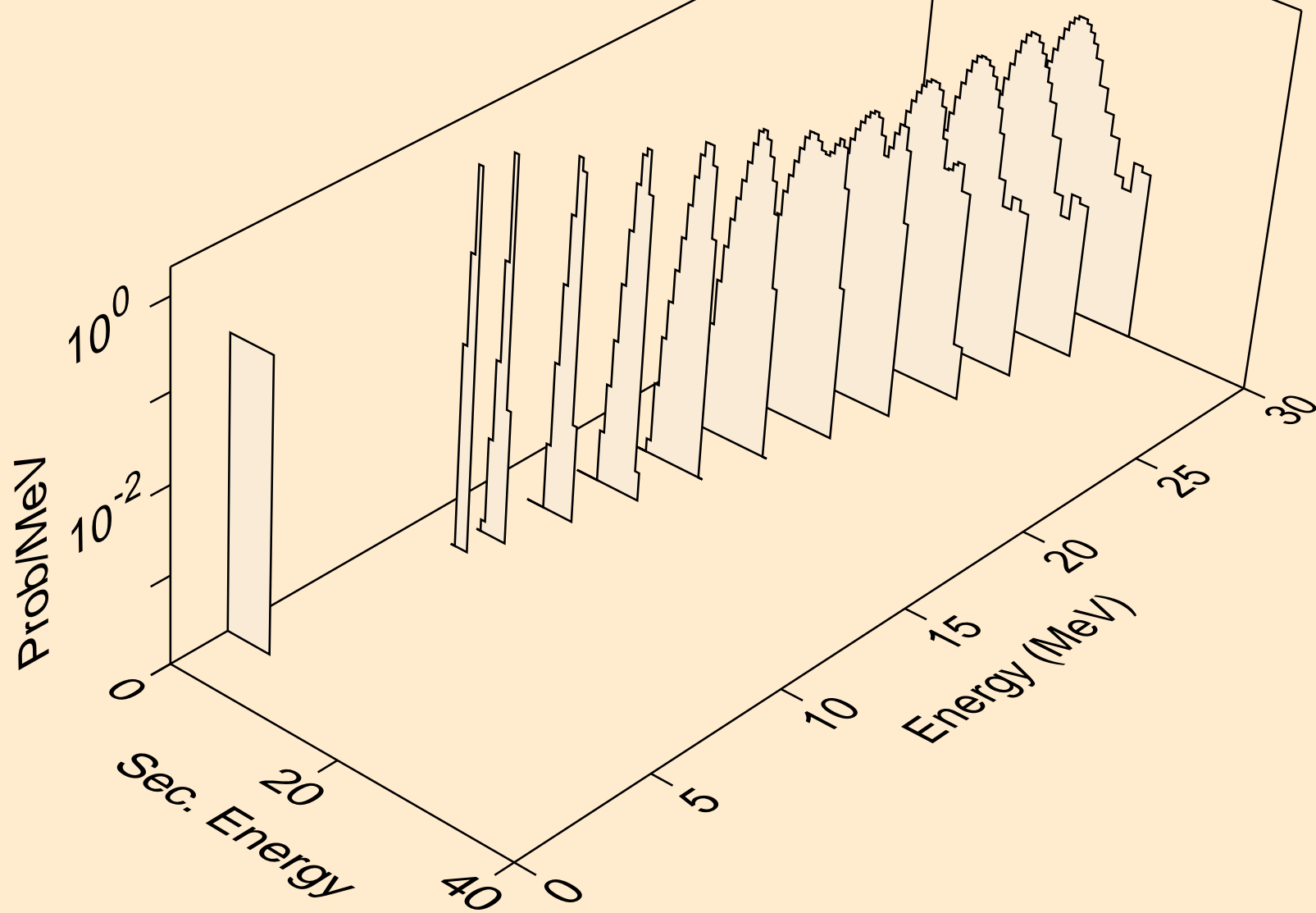
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tritons from (s,pt)



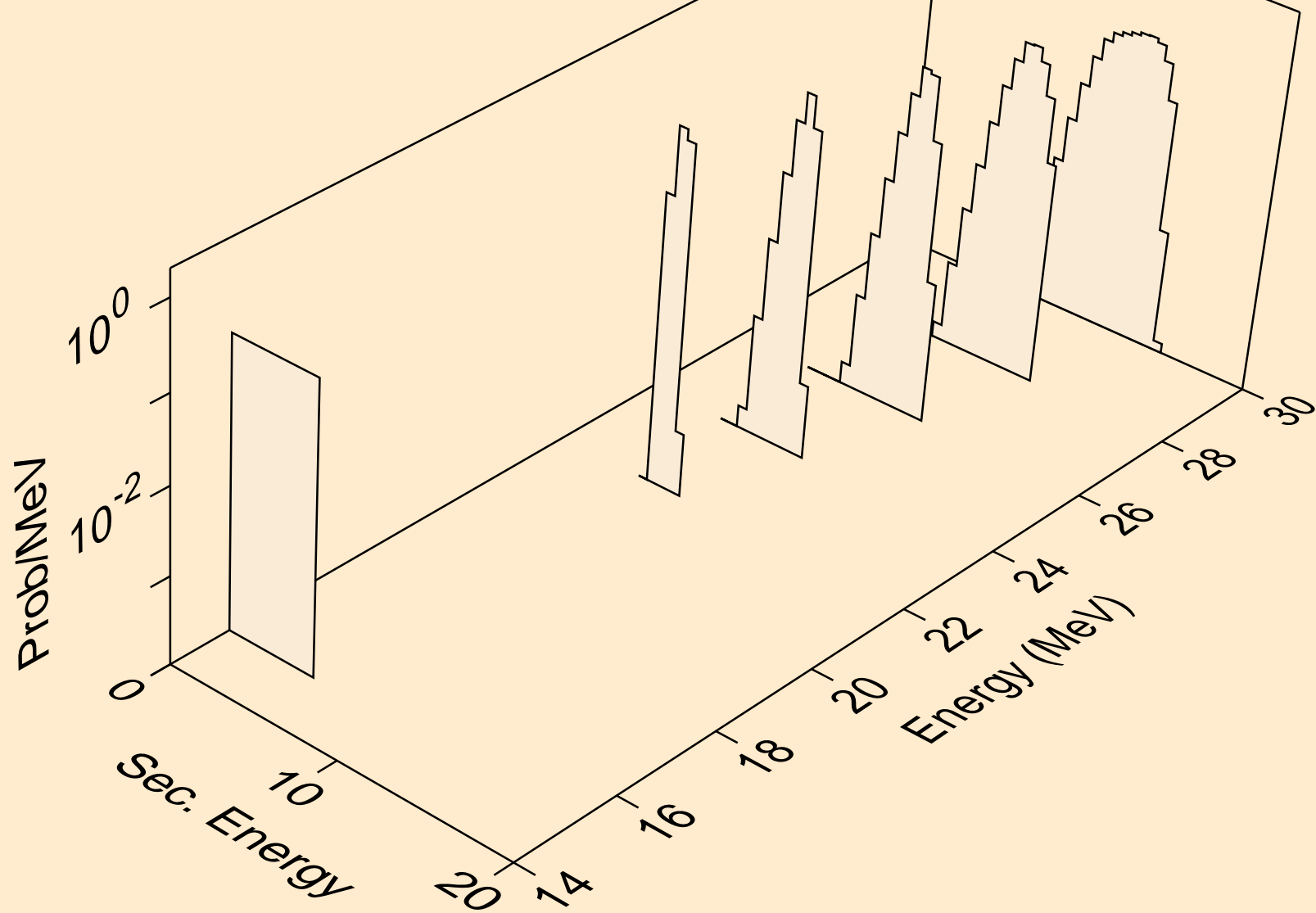
DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,x)



DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)a

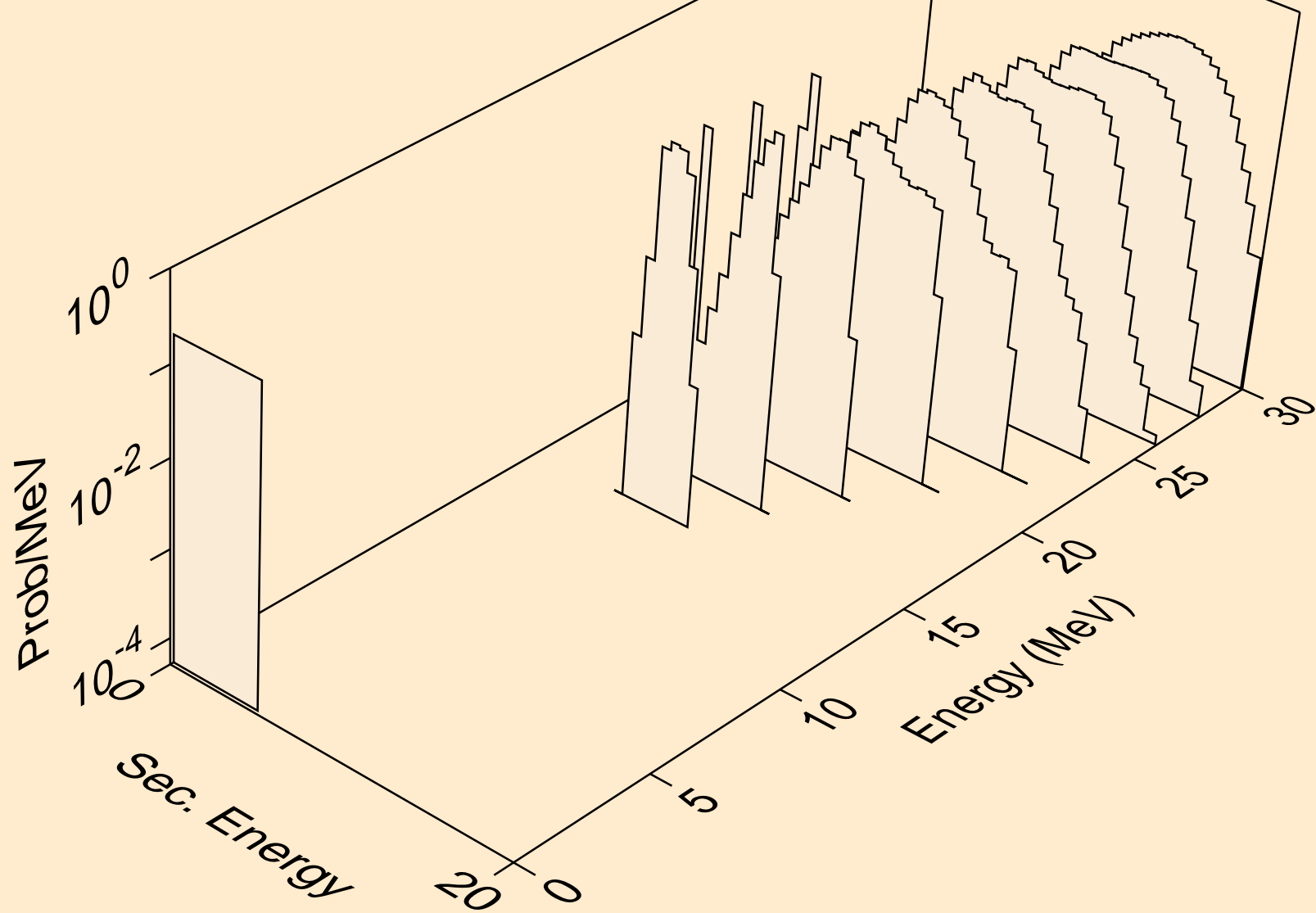


DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2n)a

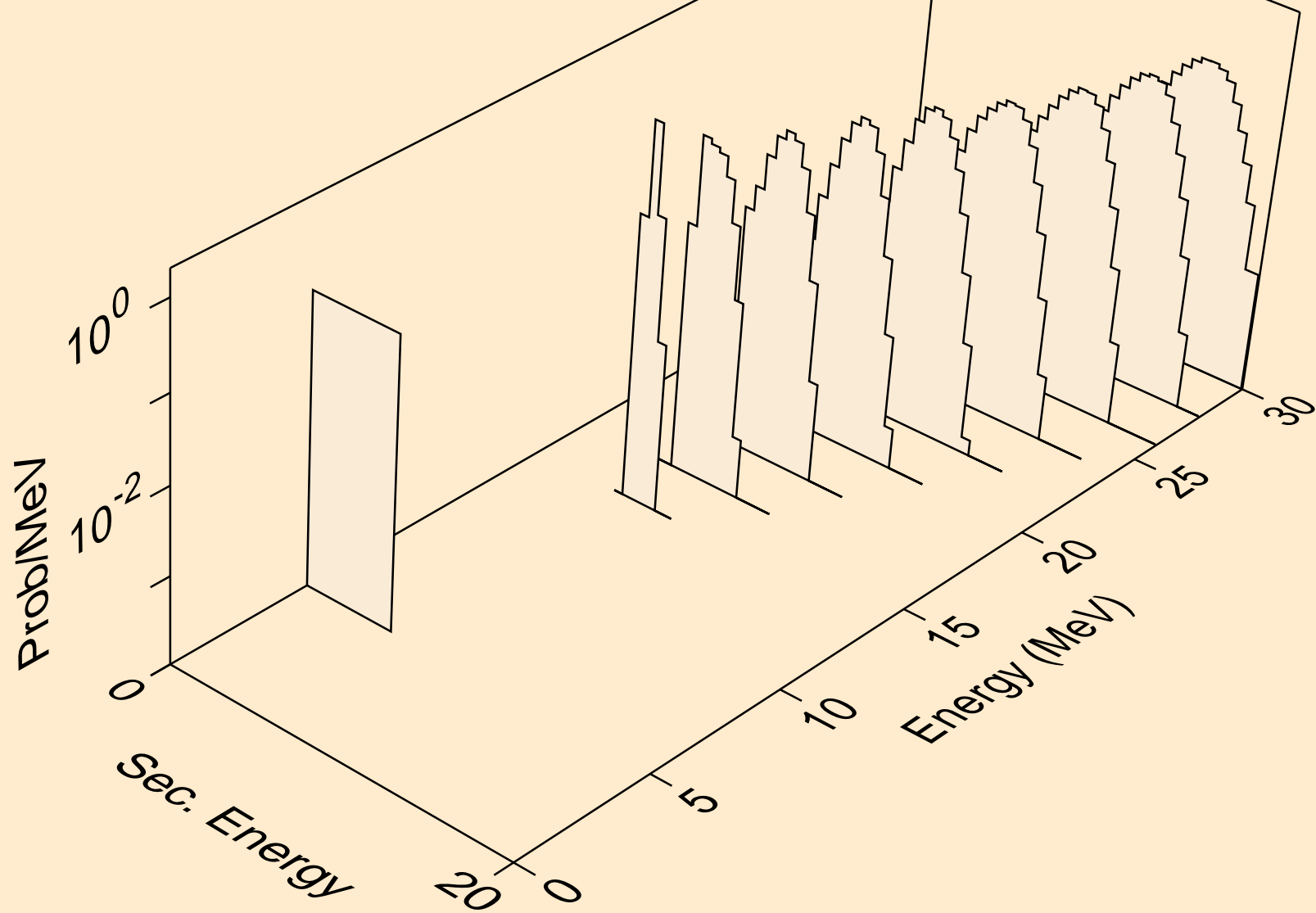




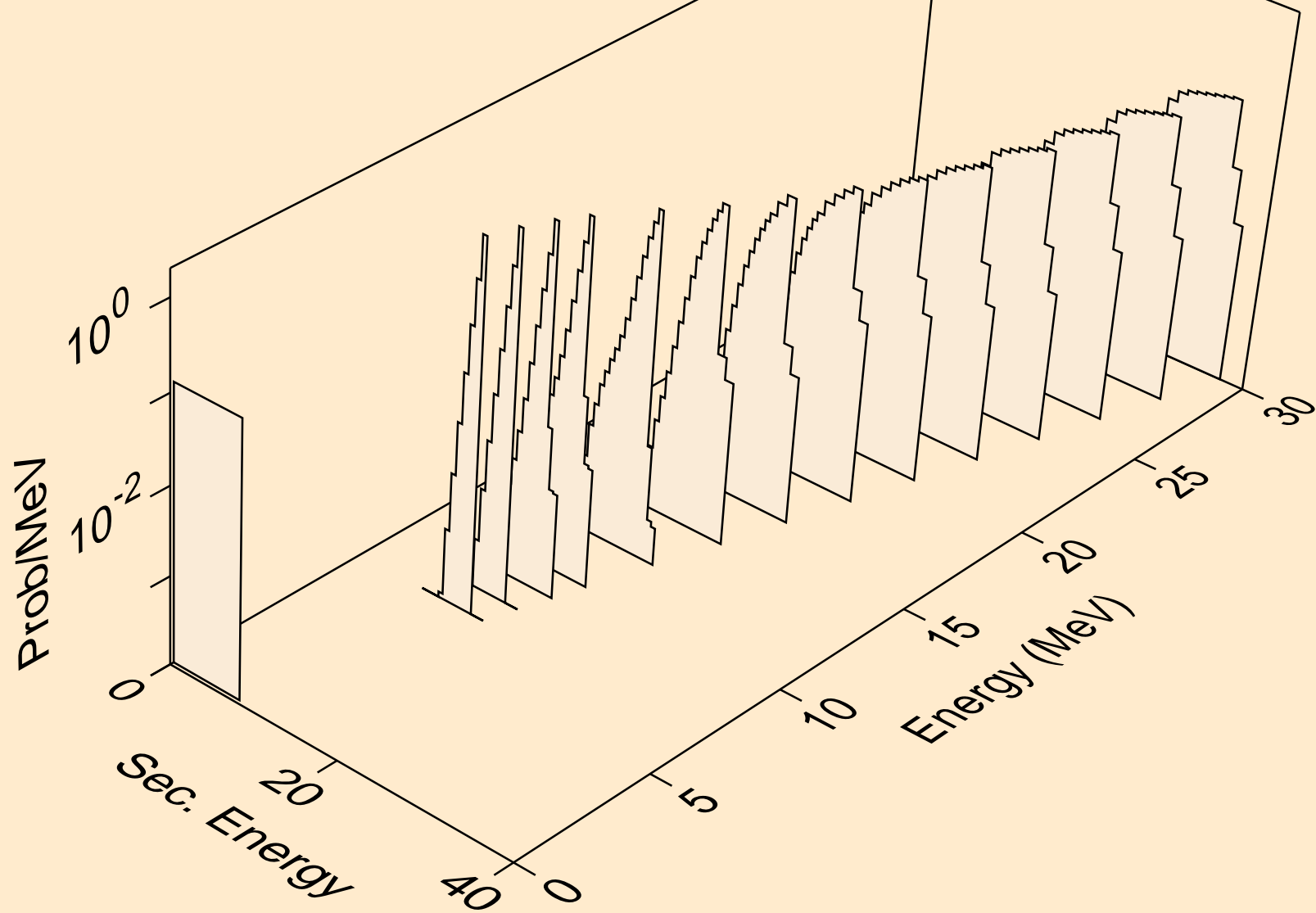
DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)2a



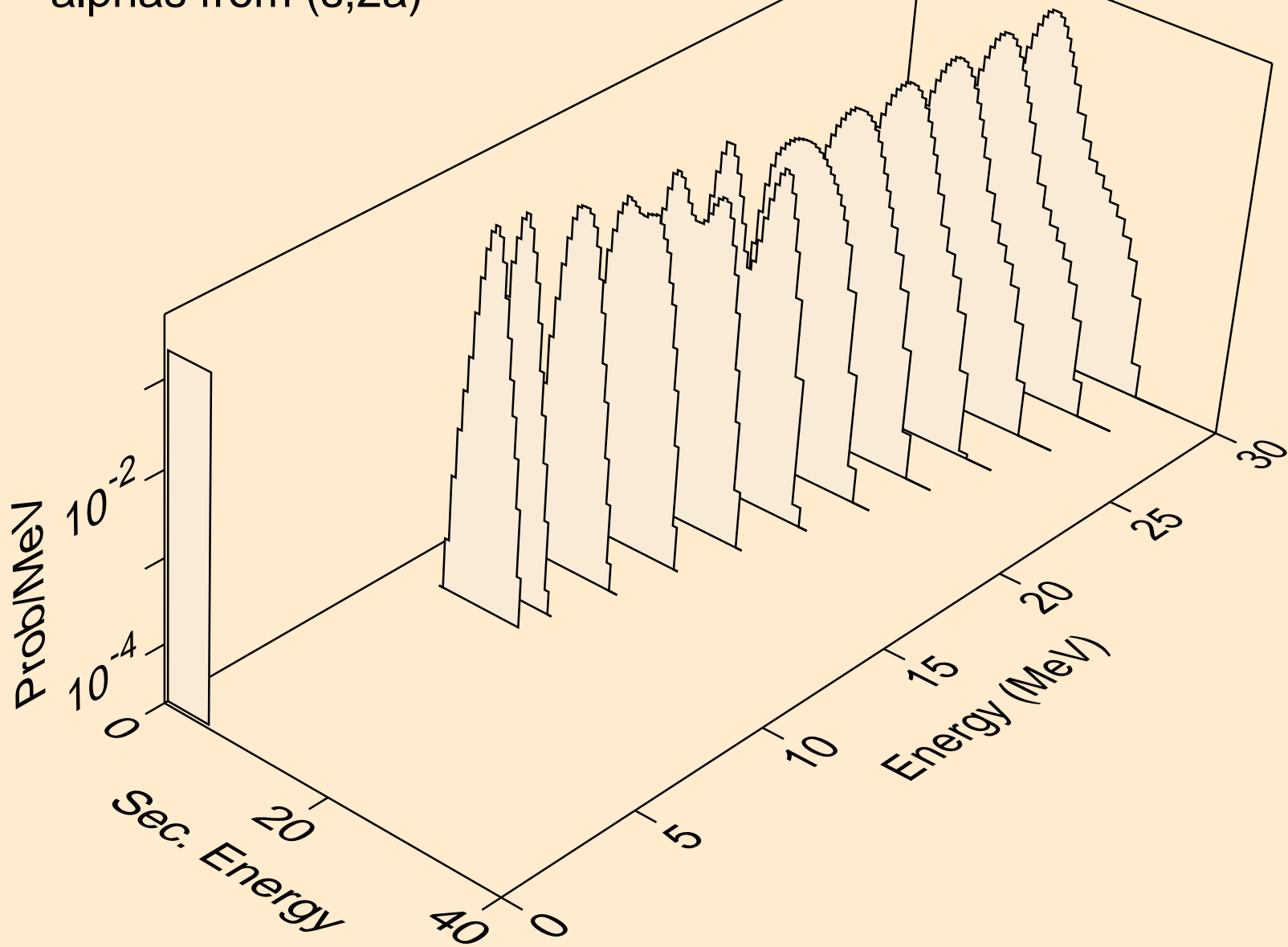
DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,npa)



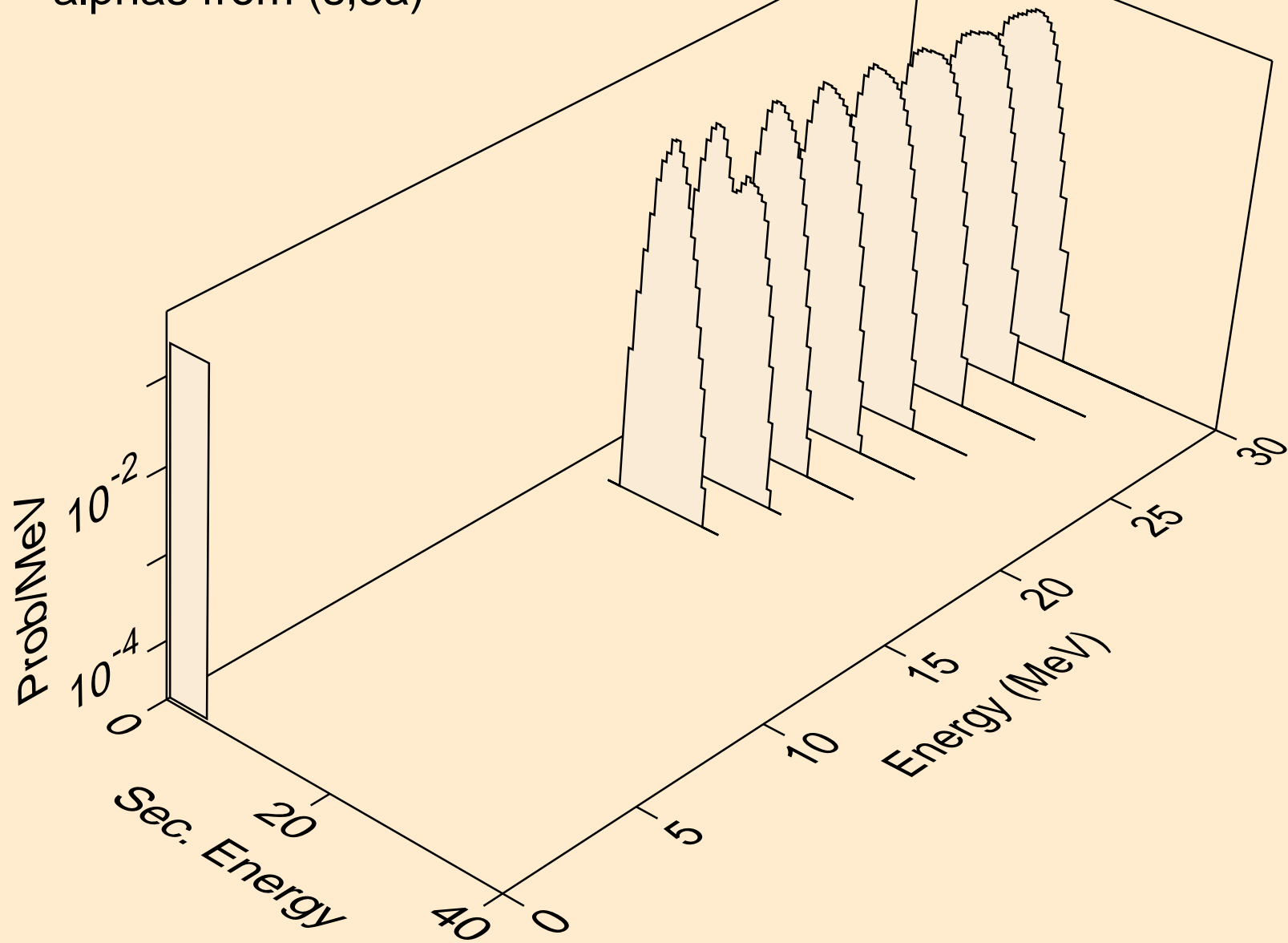
DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,a)



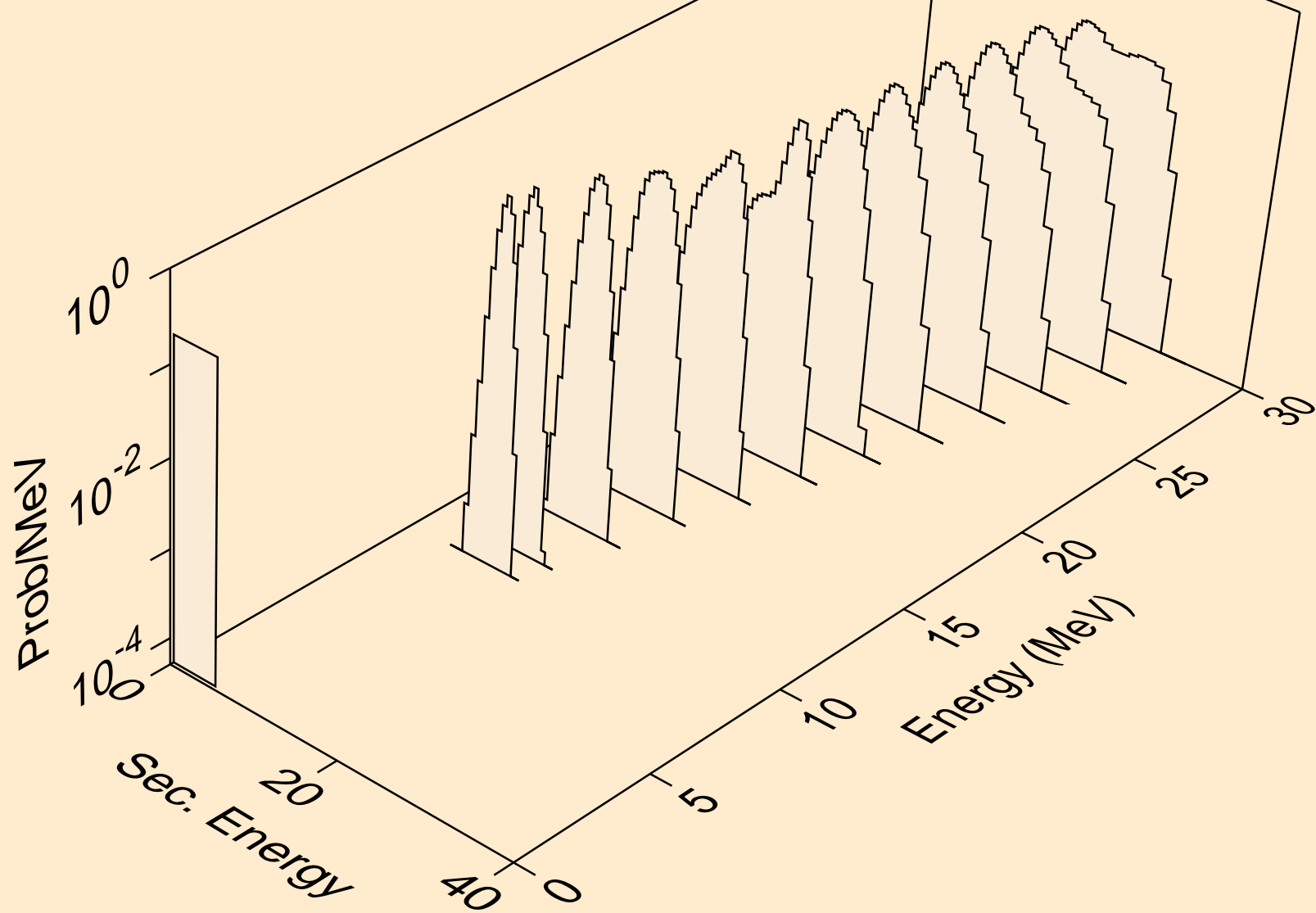
DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2a)



DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,3a)



DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,pa)



DY144 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,da)

