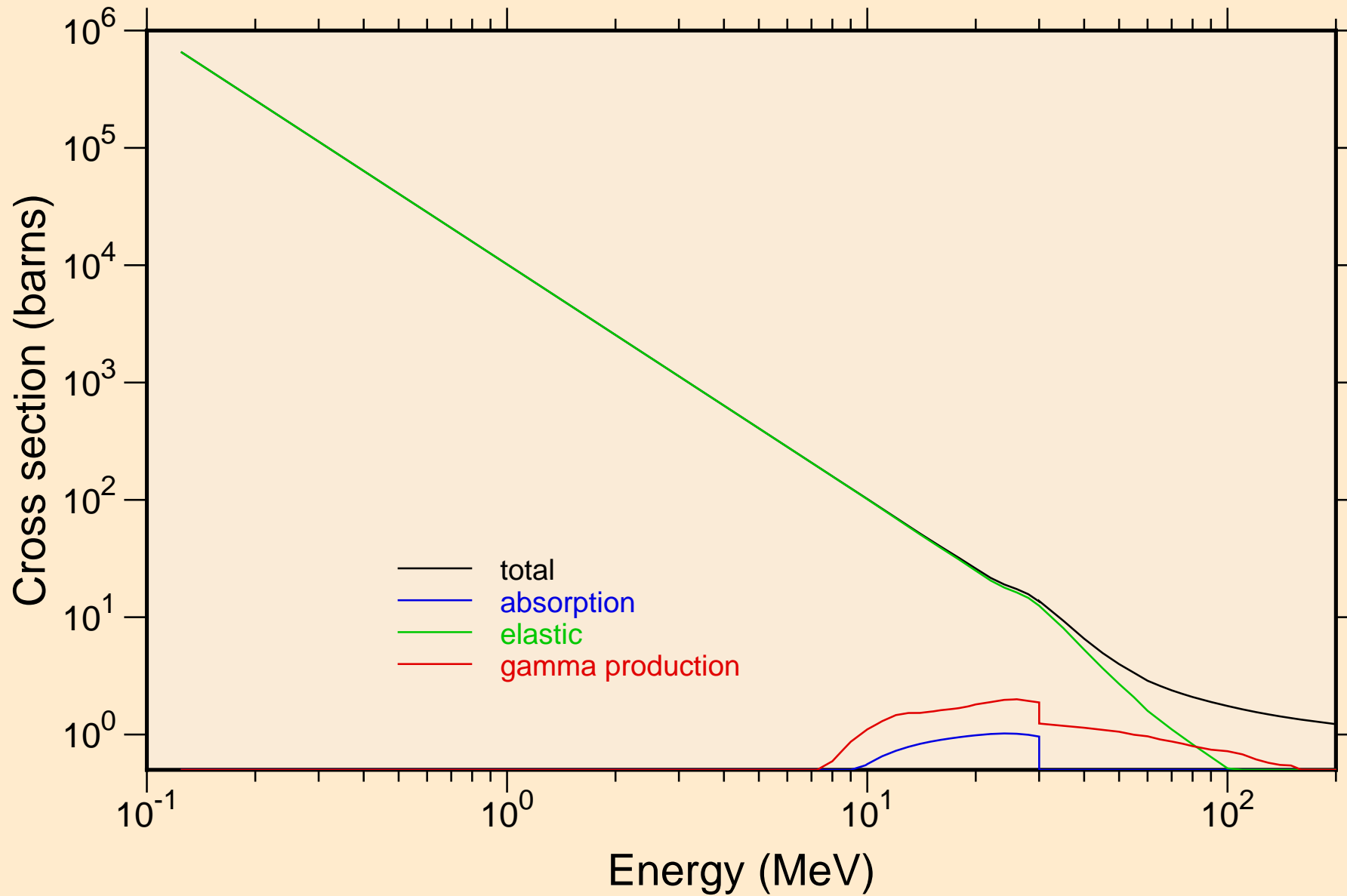


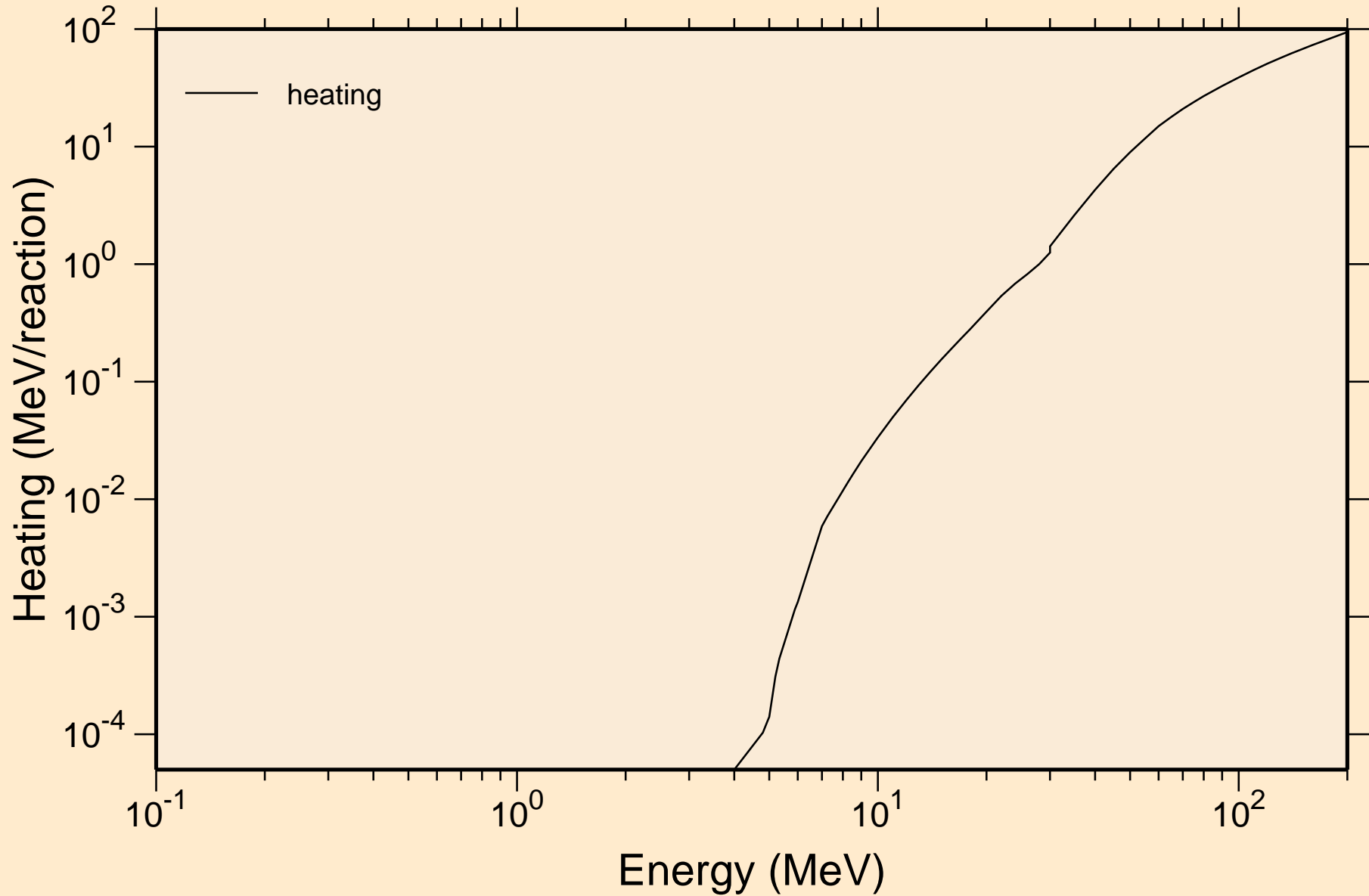
# K042 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



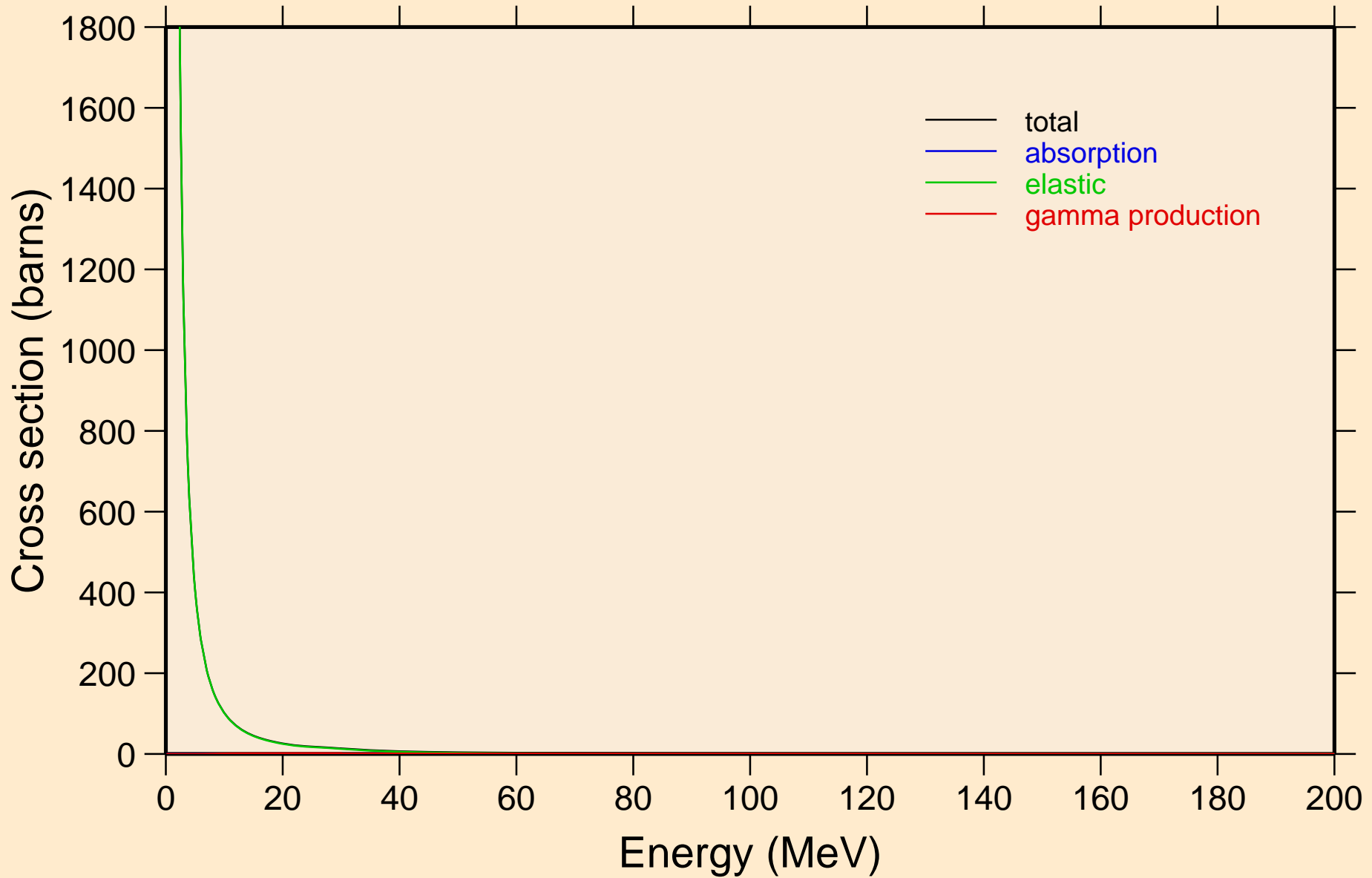
K042 HELION ACER TENDL-2021 LIBRARY; T=0.K

Heating



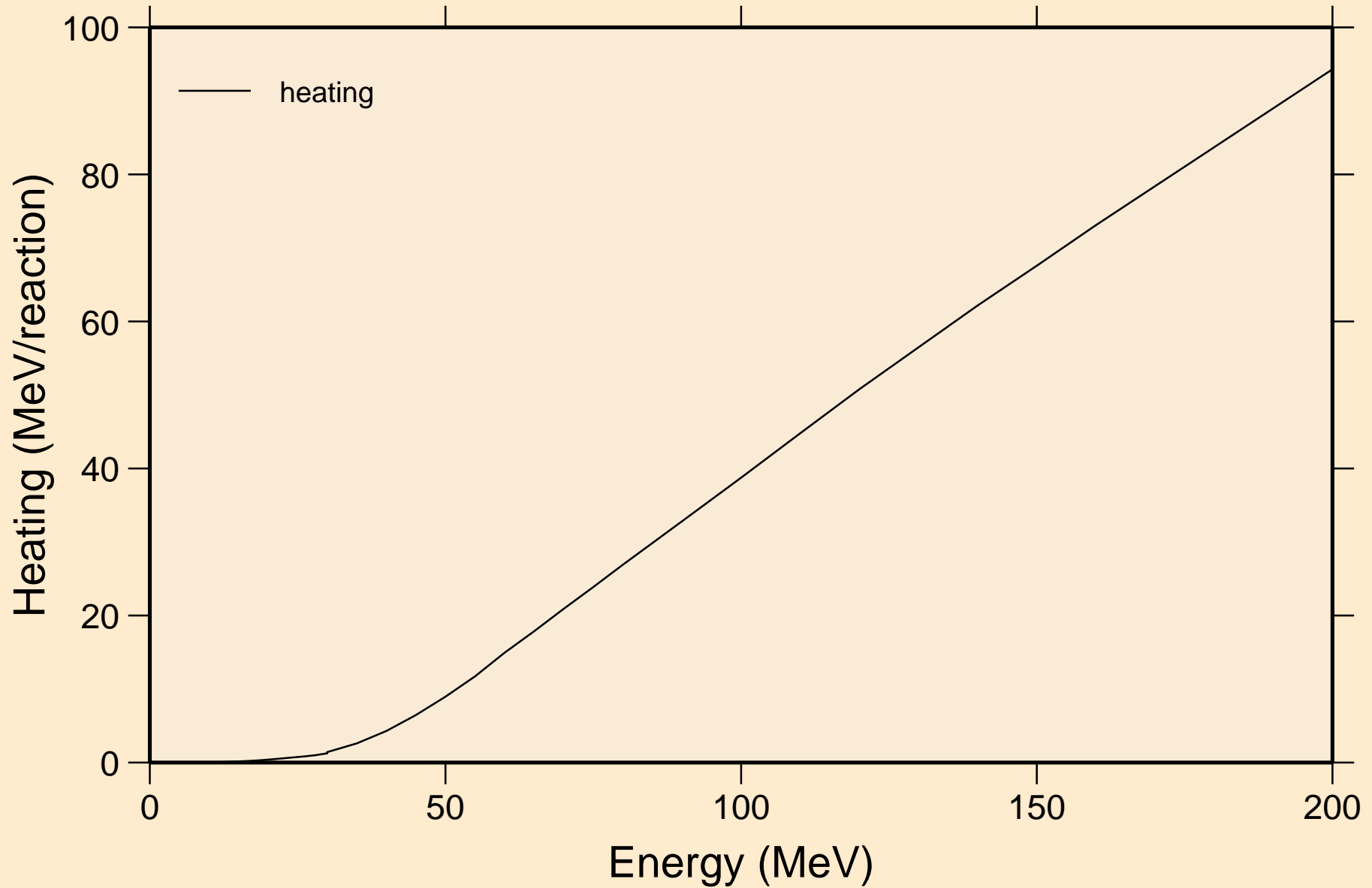
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## Principal cross sections



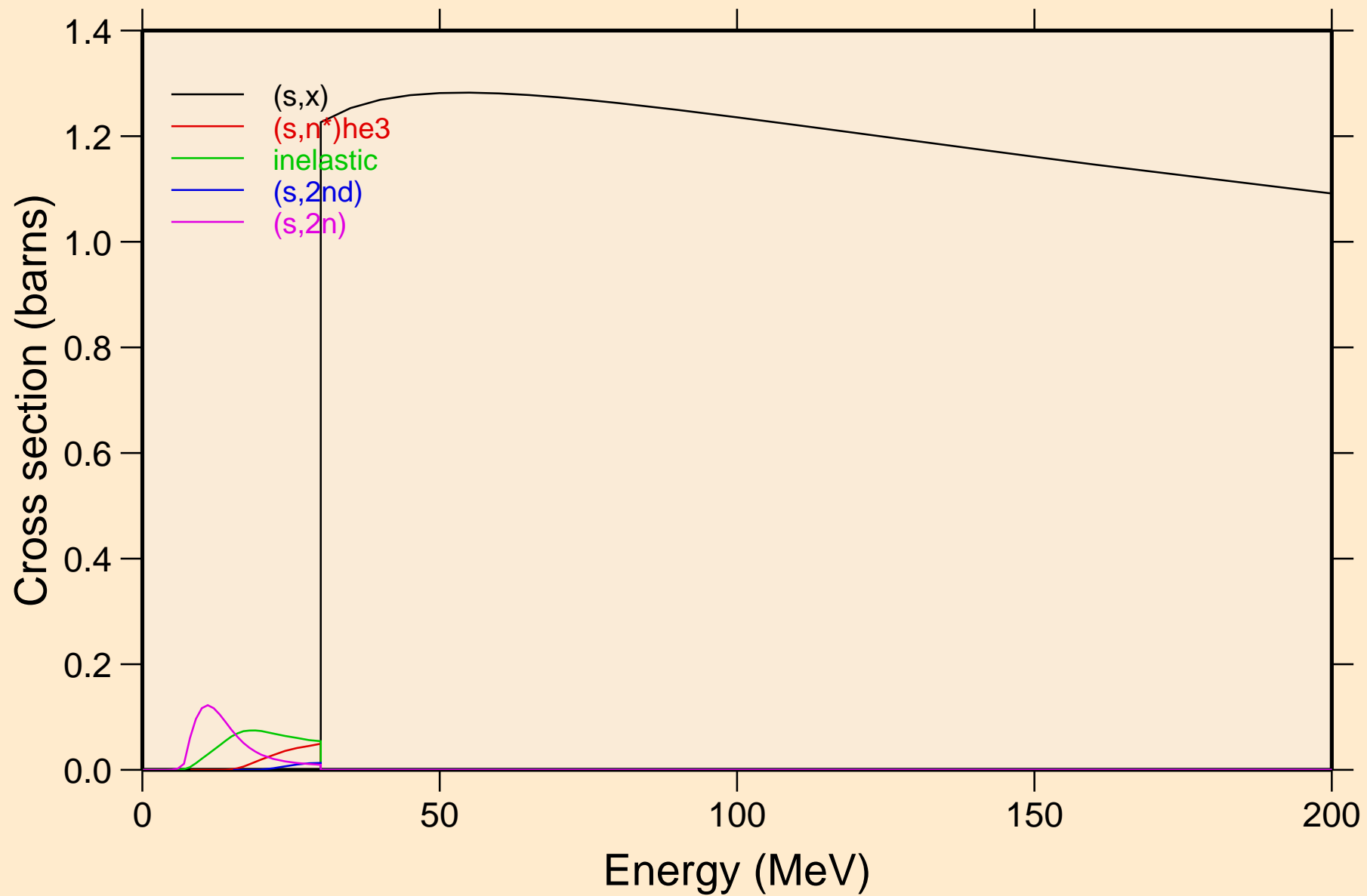
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Heating



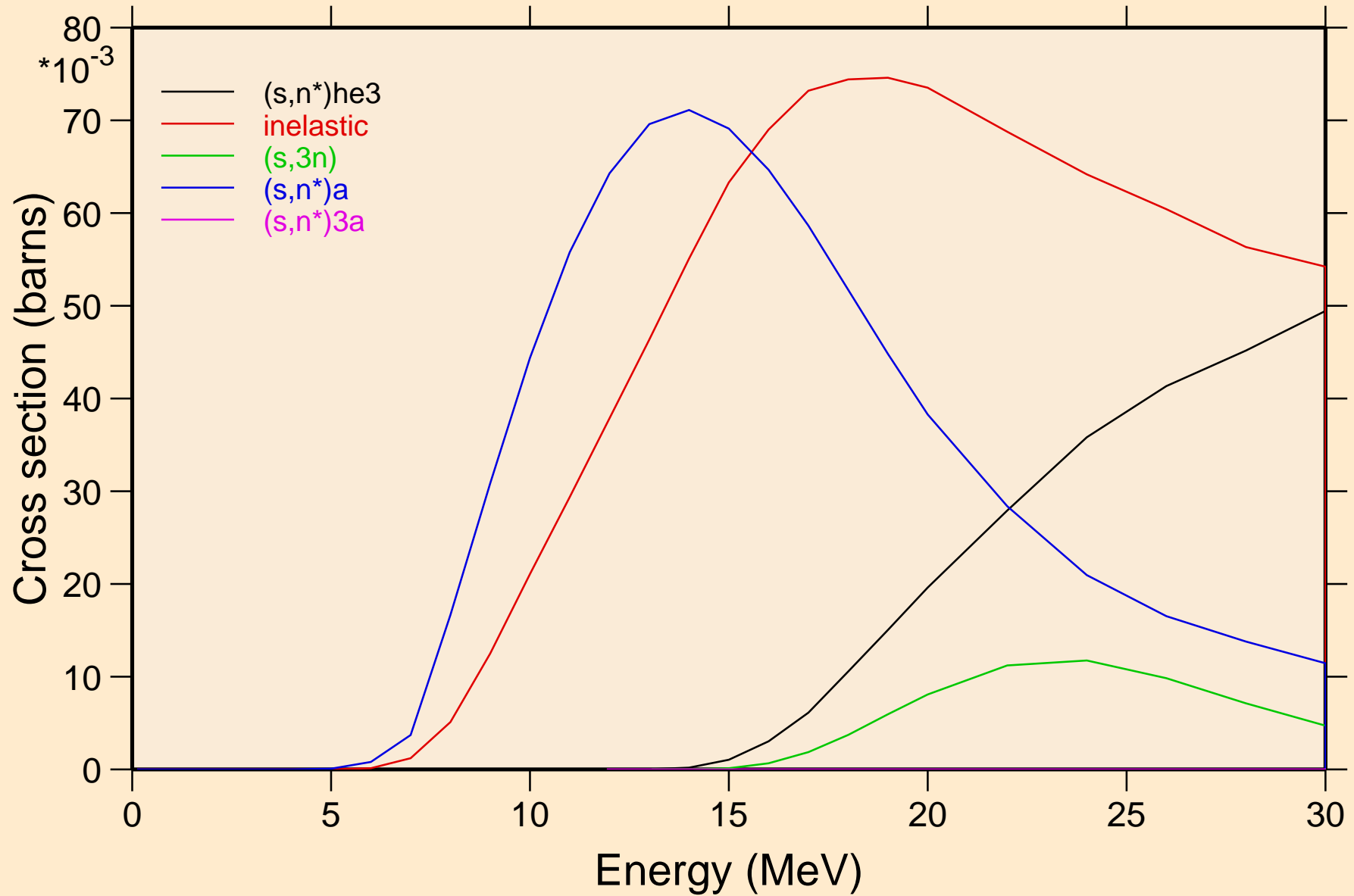
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## Threshold reactions

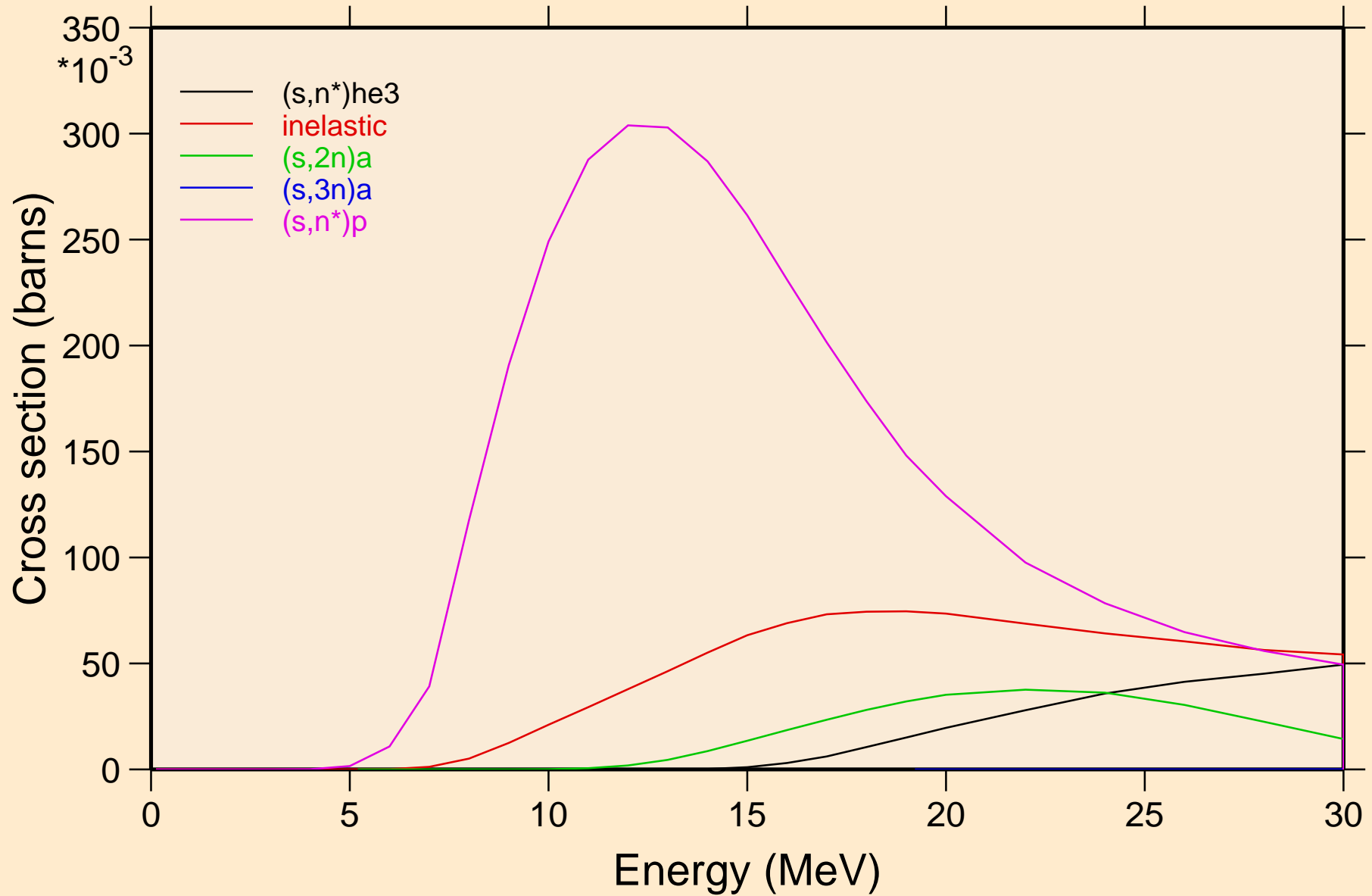


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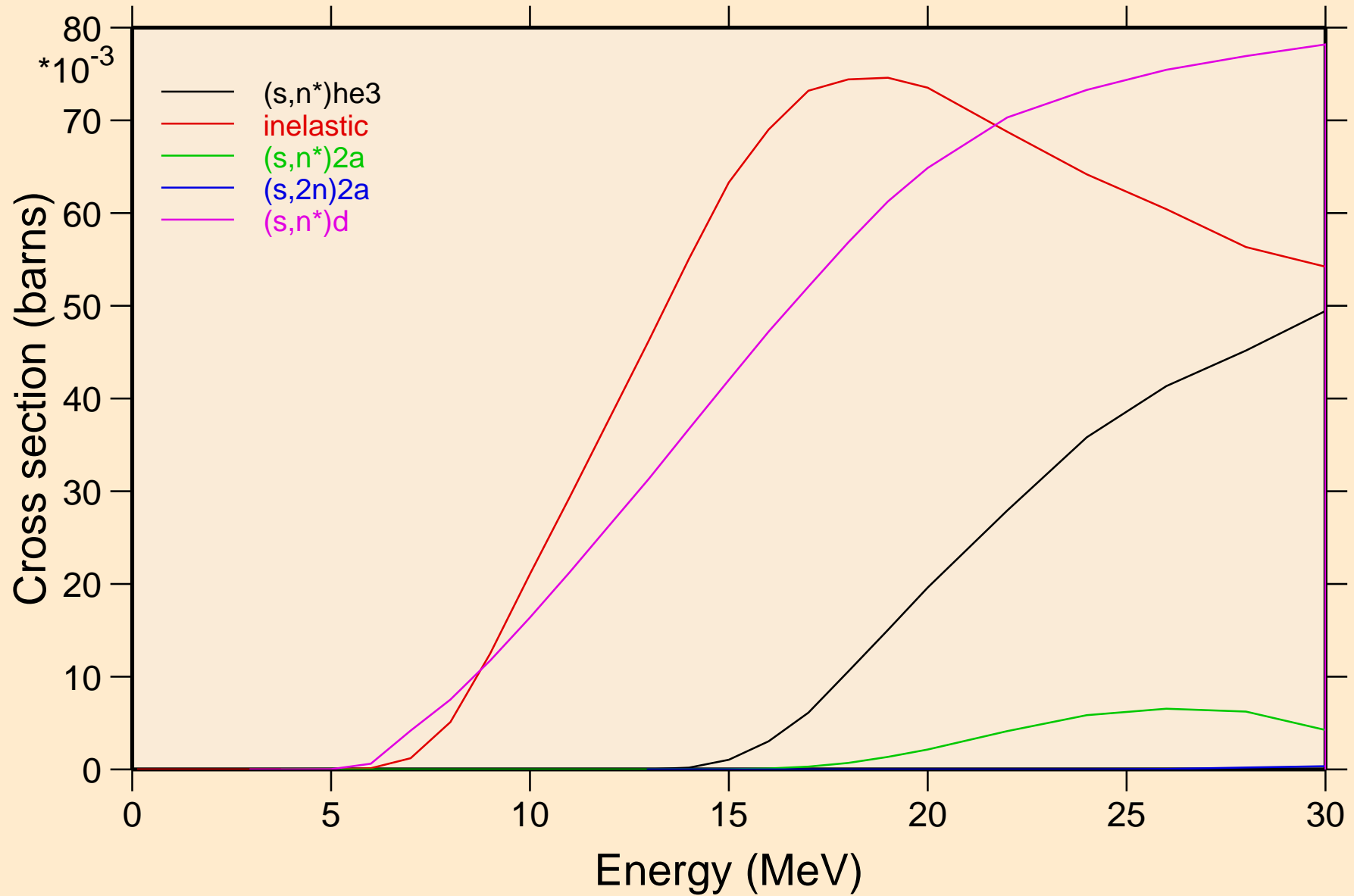
## Threshold reactions



K042 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

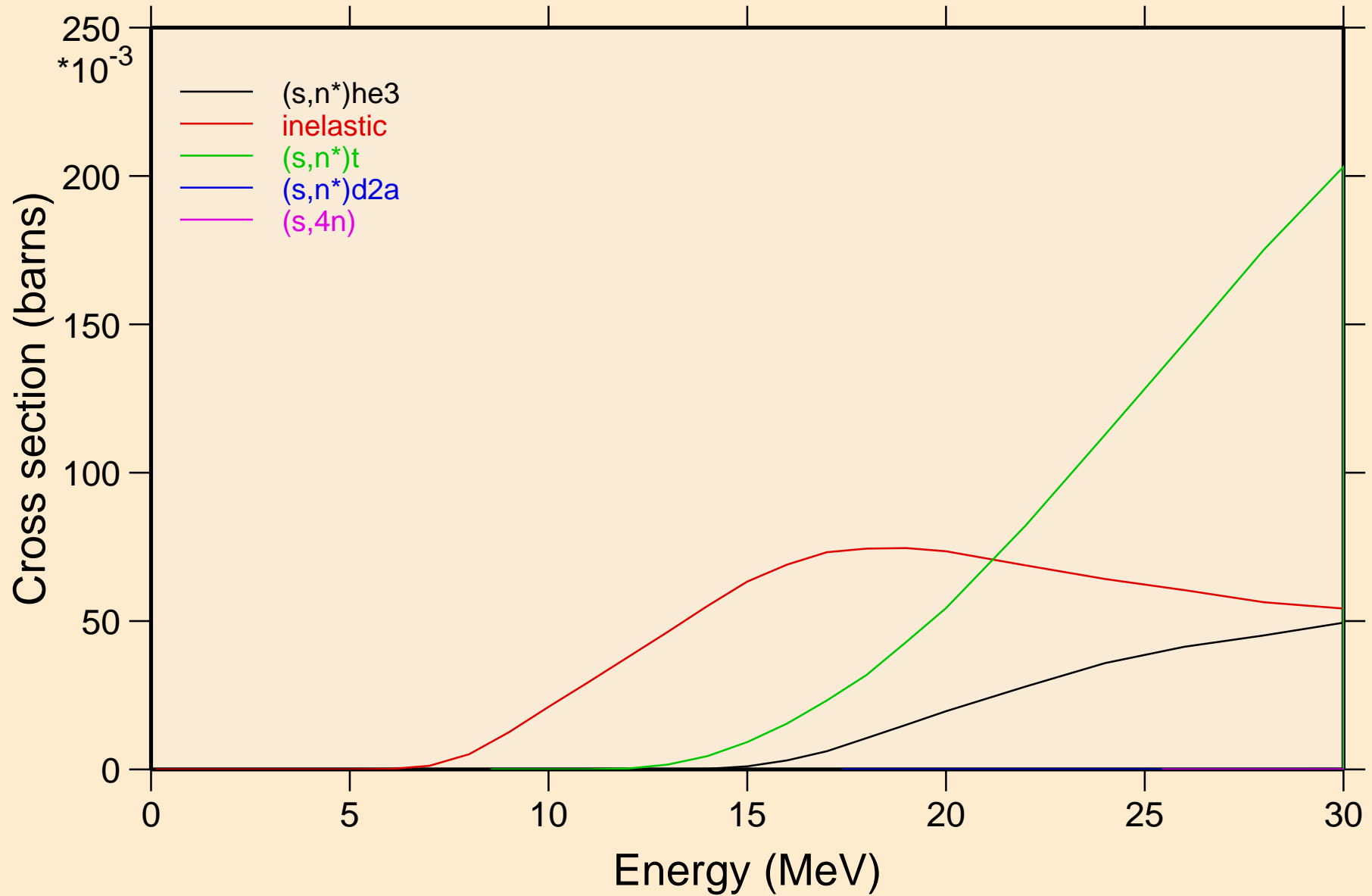


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Threshold reactions

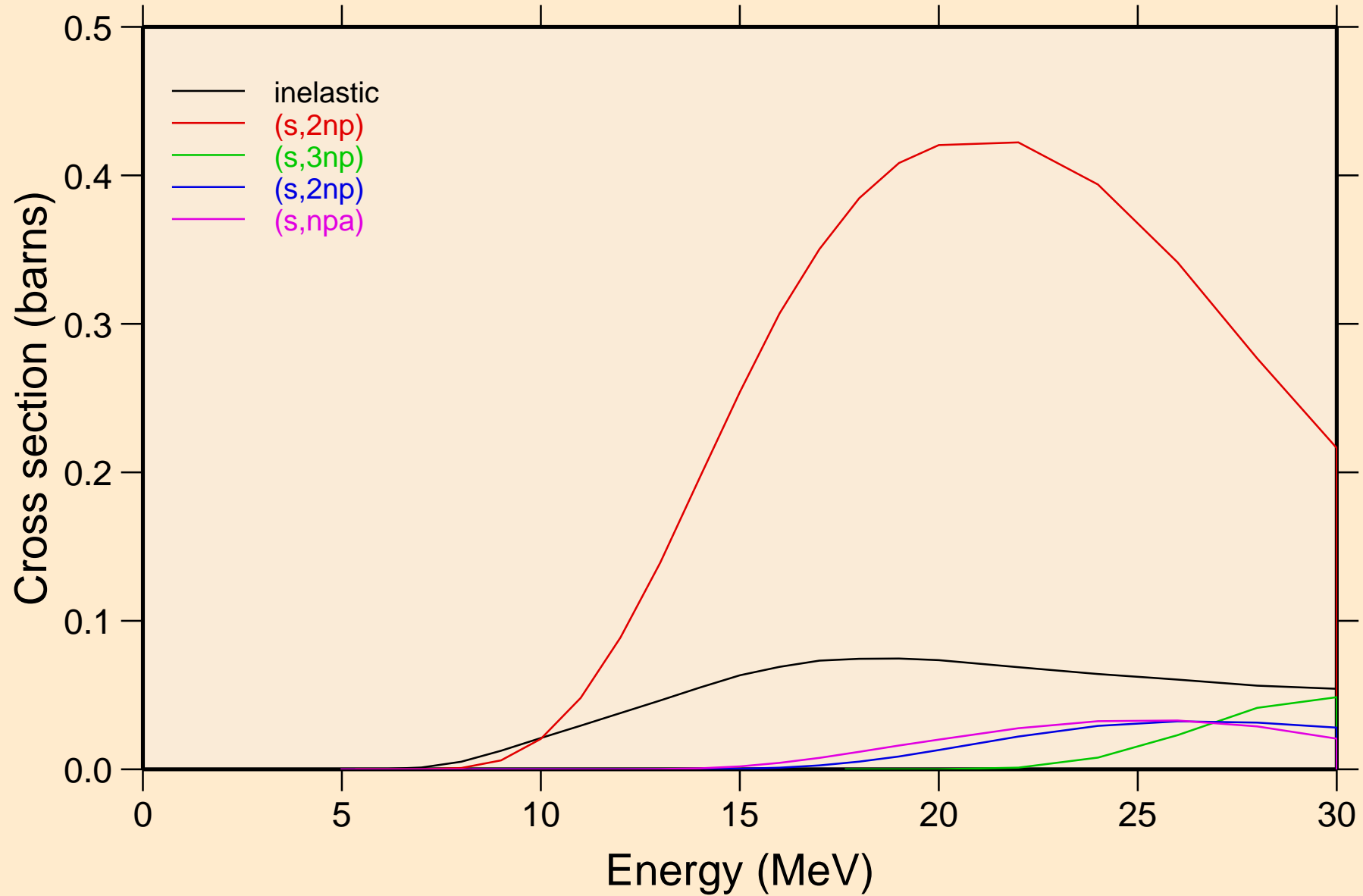




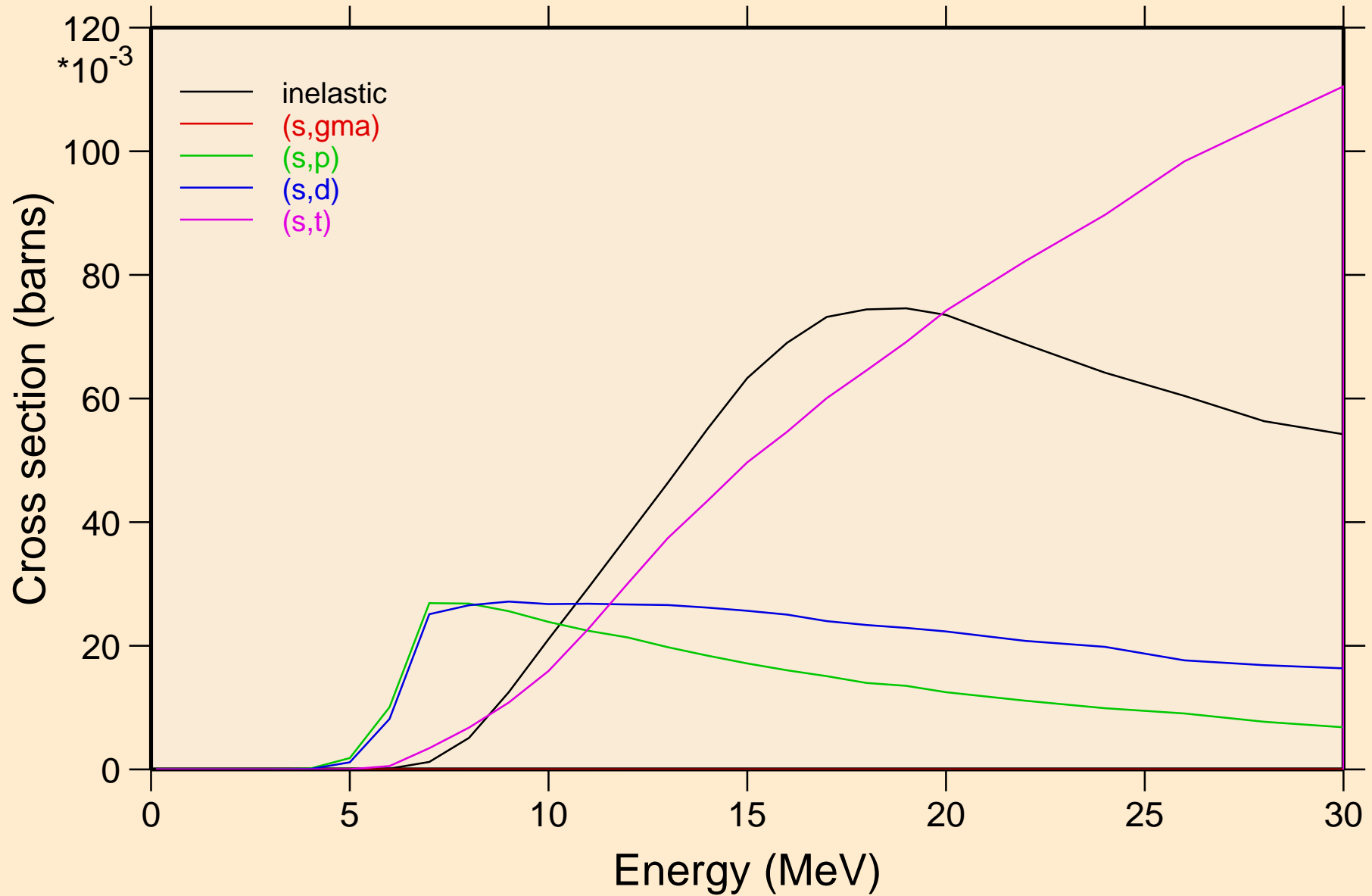
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Threshold reactions



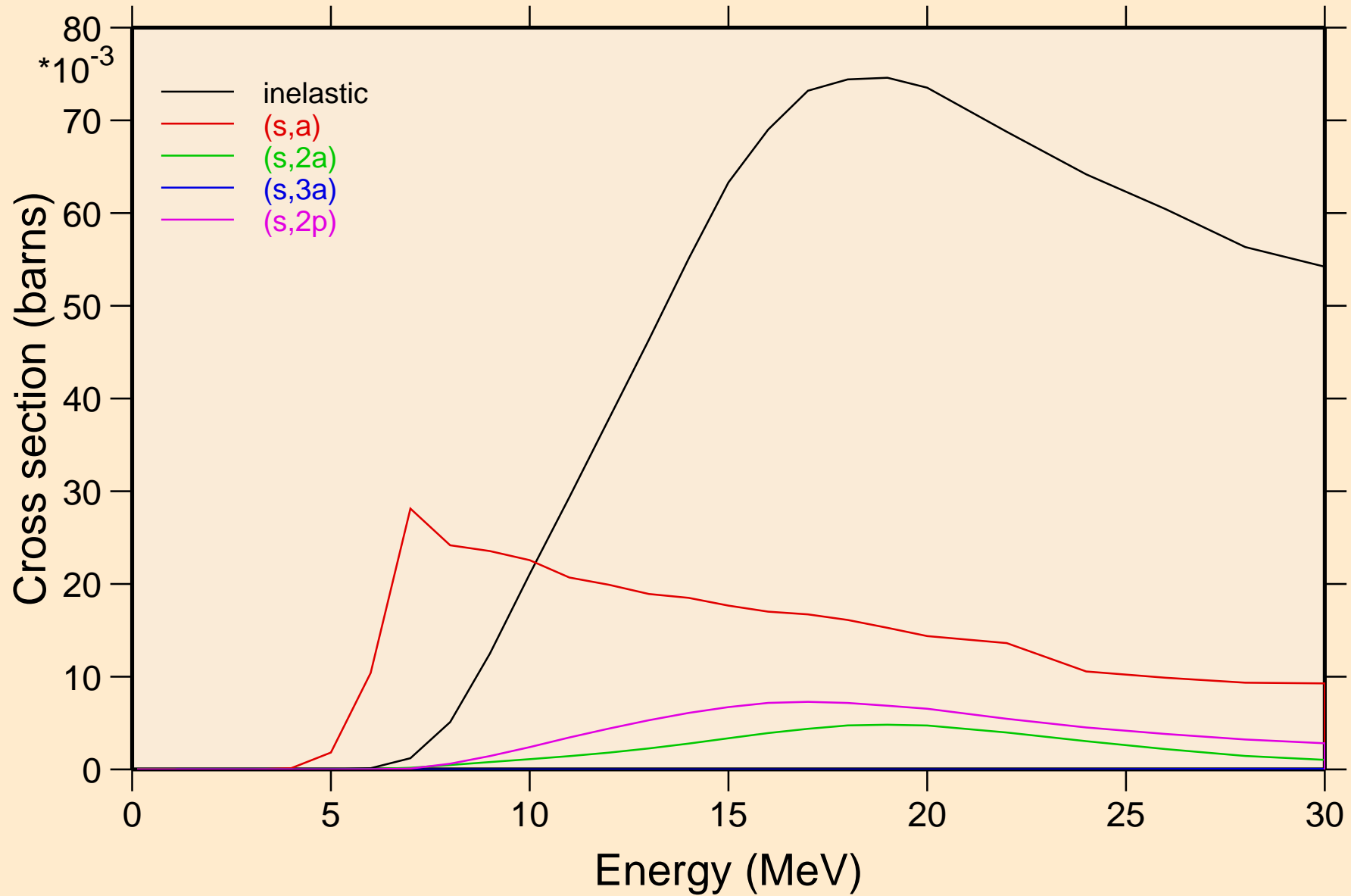
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Threshold reactions



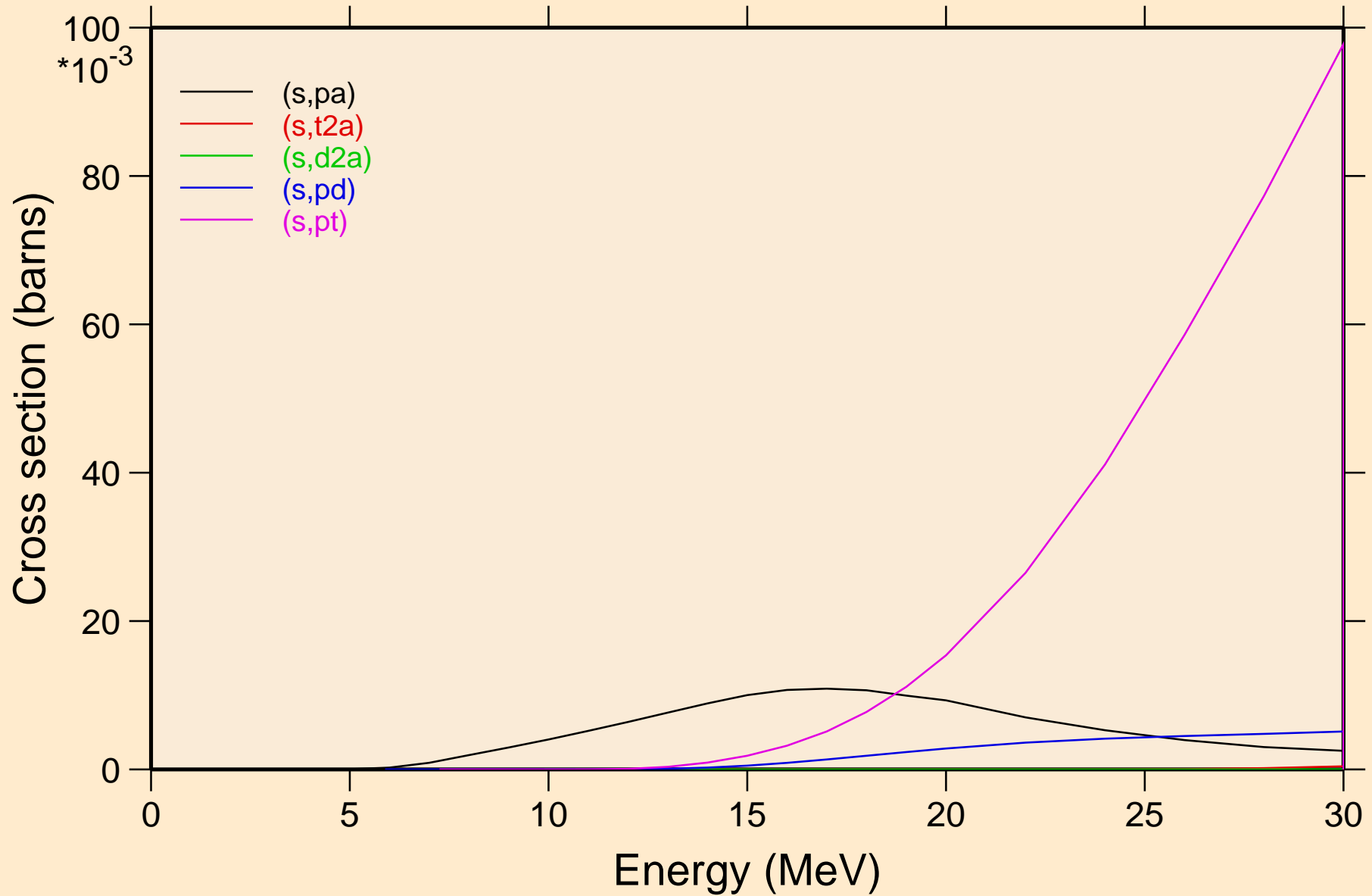
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Threshold reactions



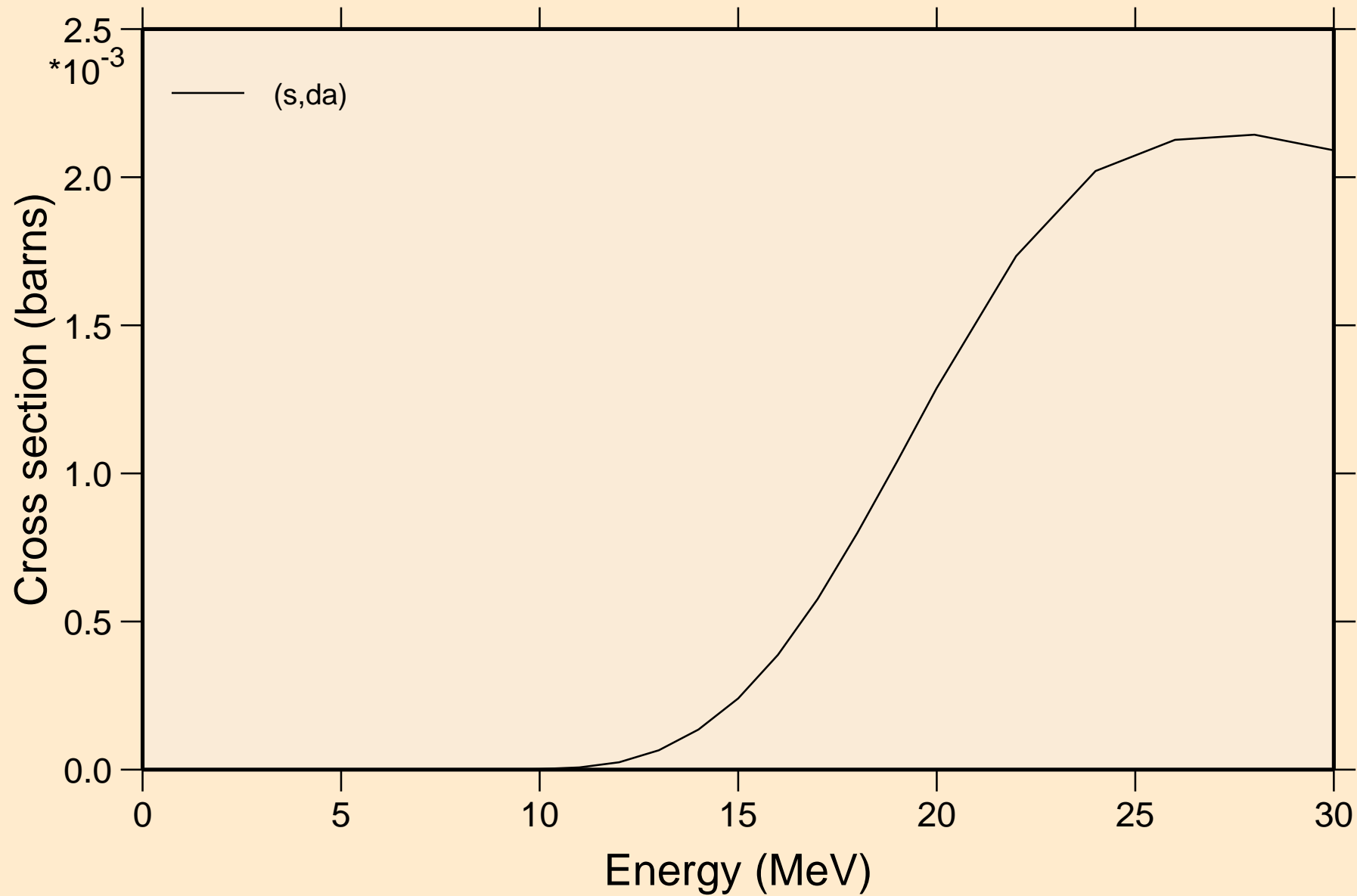
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Threshold reactions



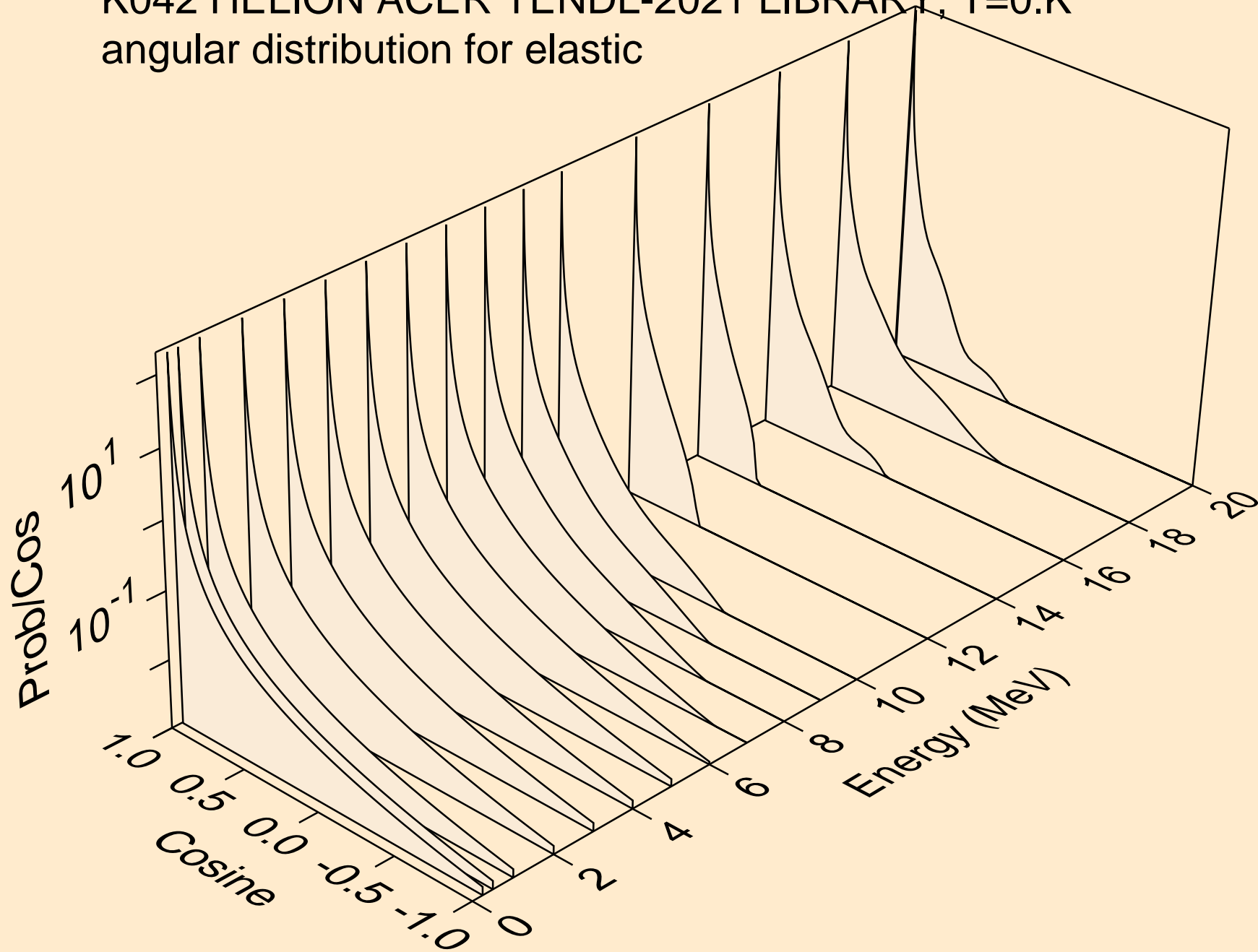
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Threshold reactions



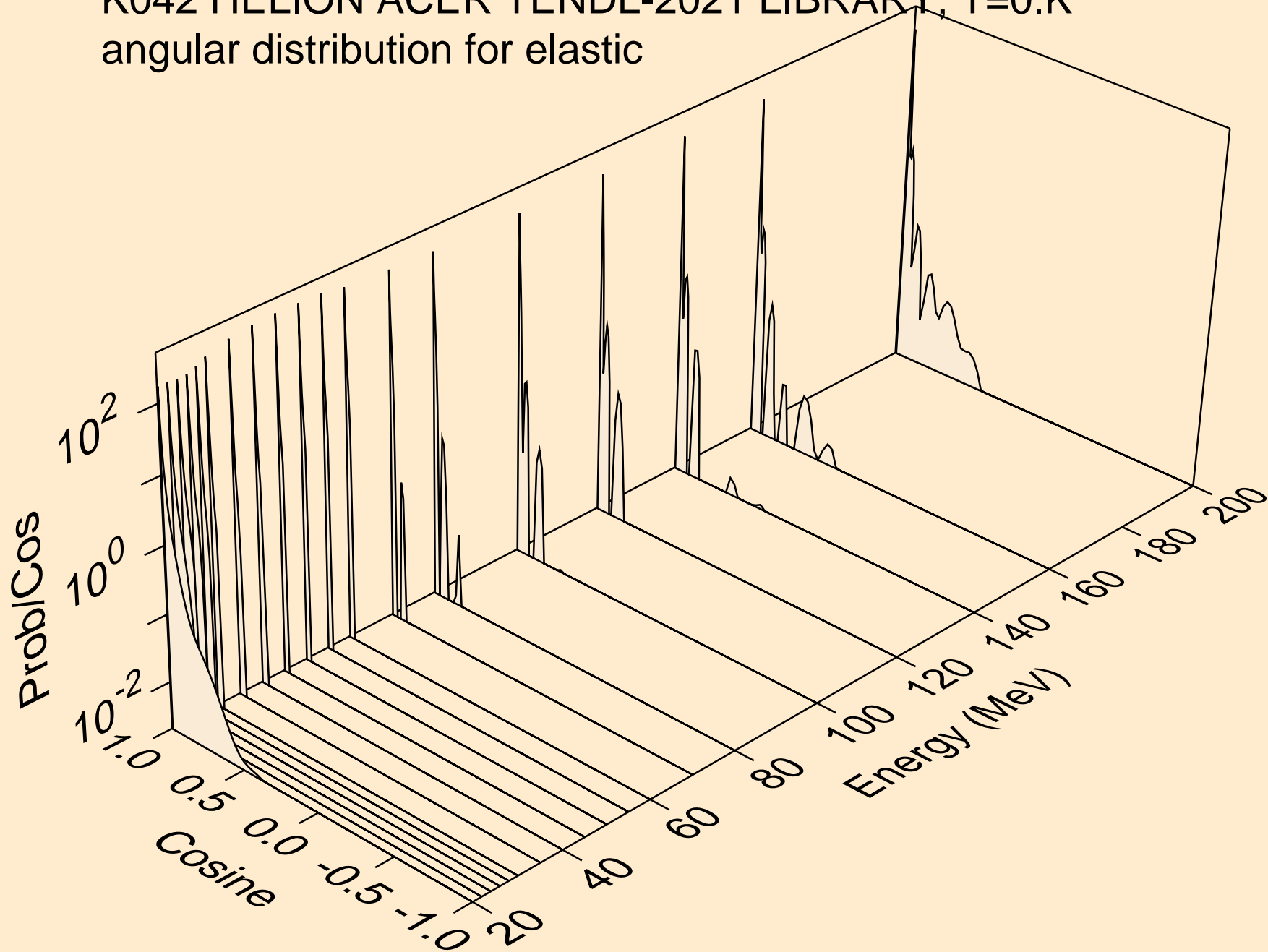
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Threshold reactions



K042 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic

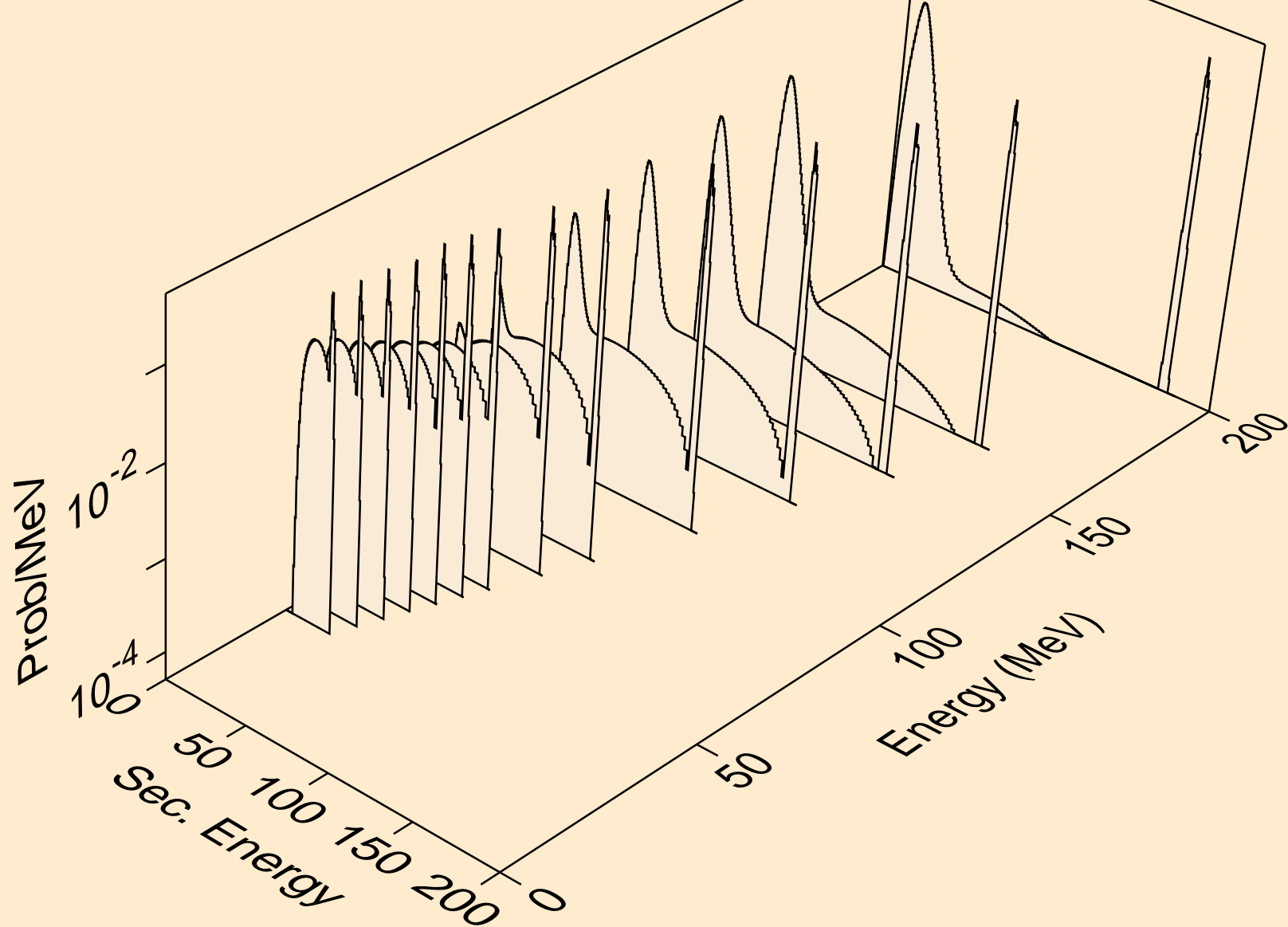


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angular distribution for elastic

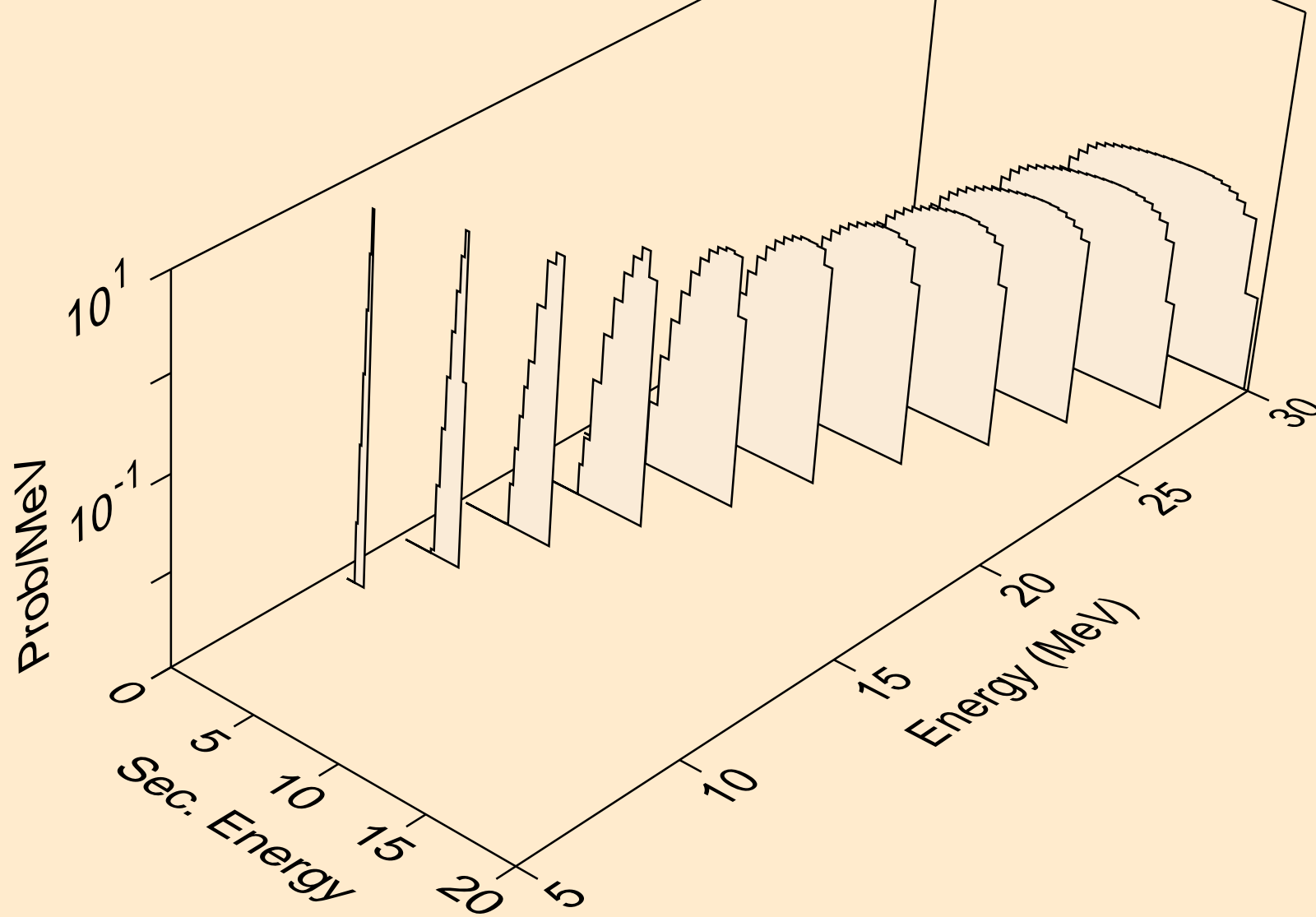




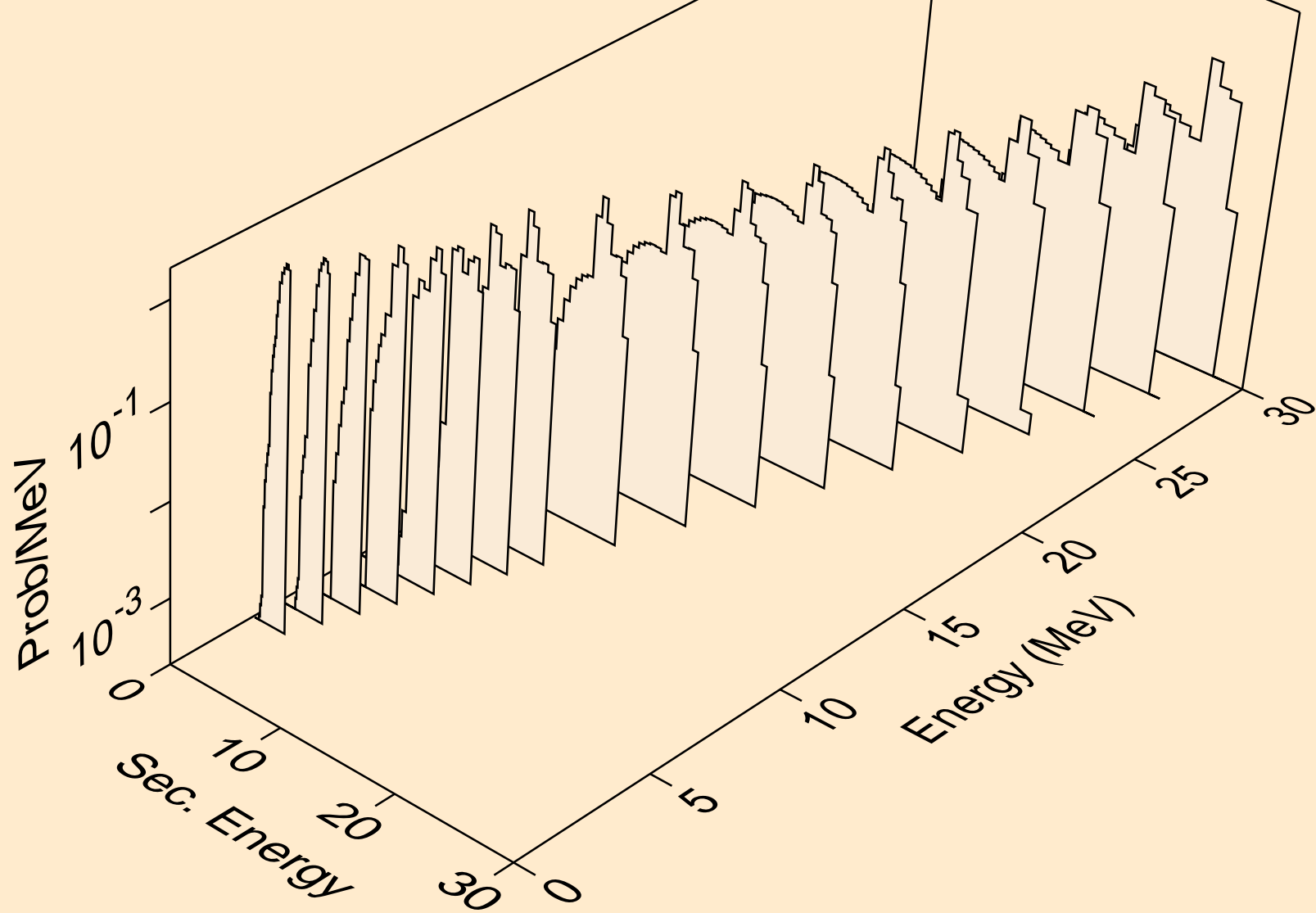
K042 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,x)



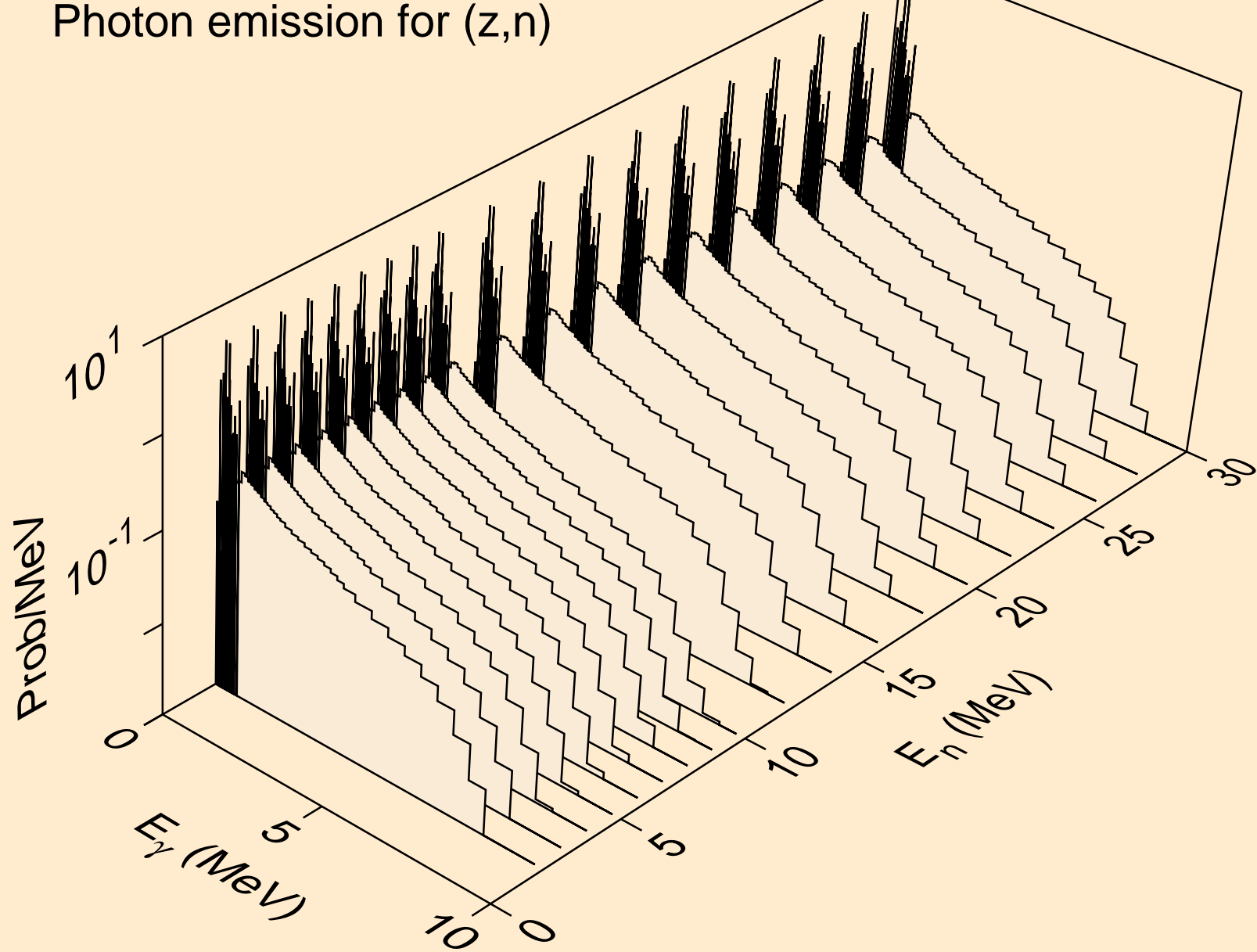
K042 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3



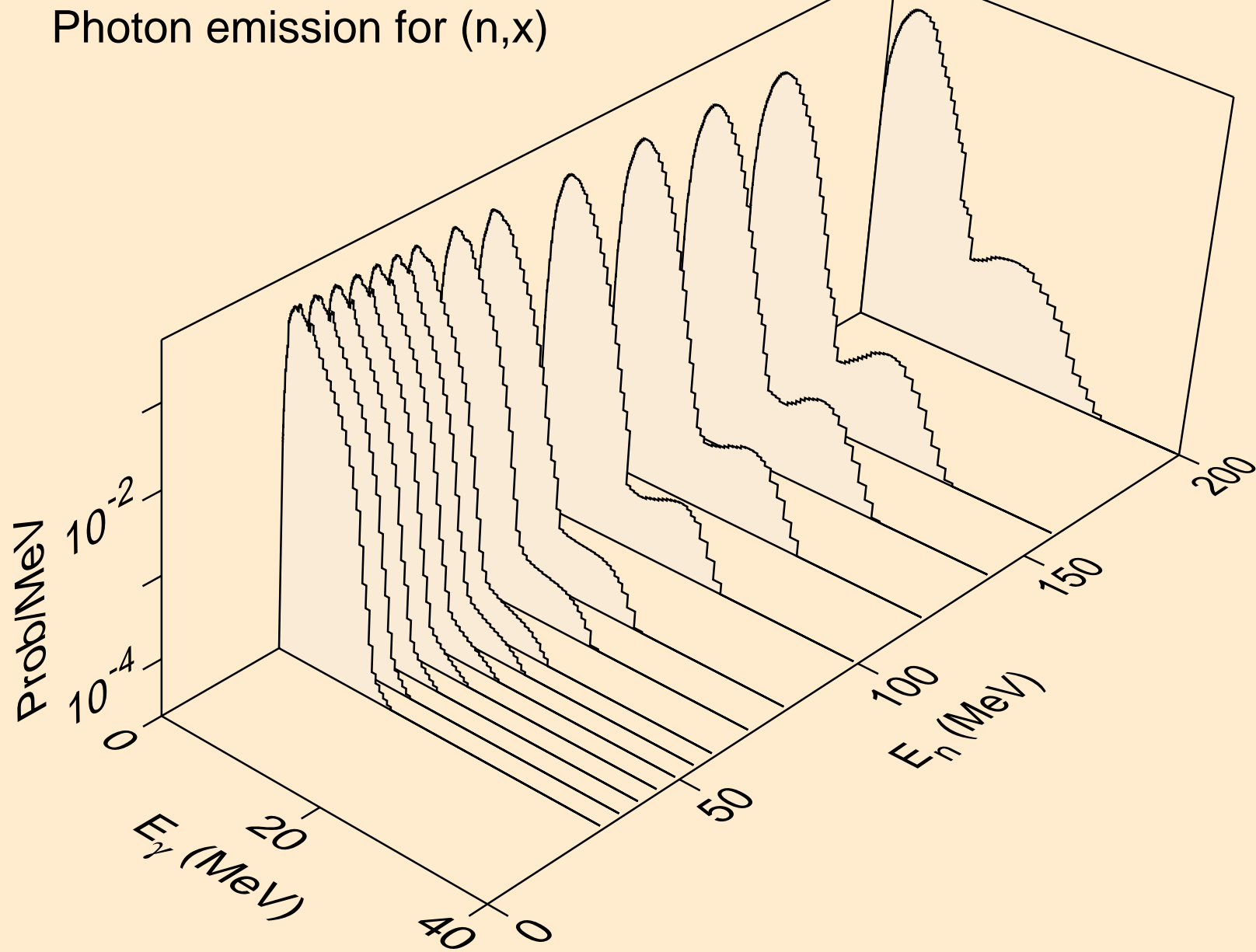
K042 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for inelastic



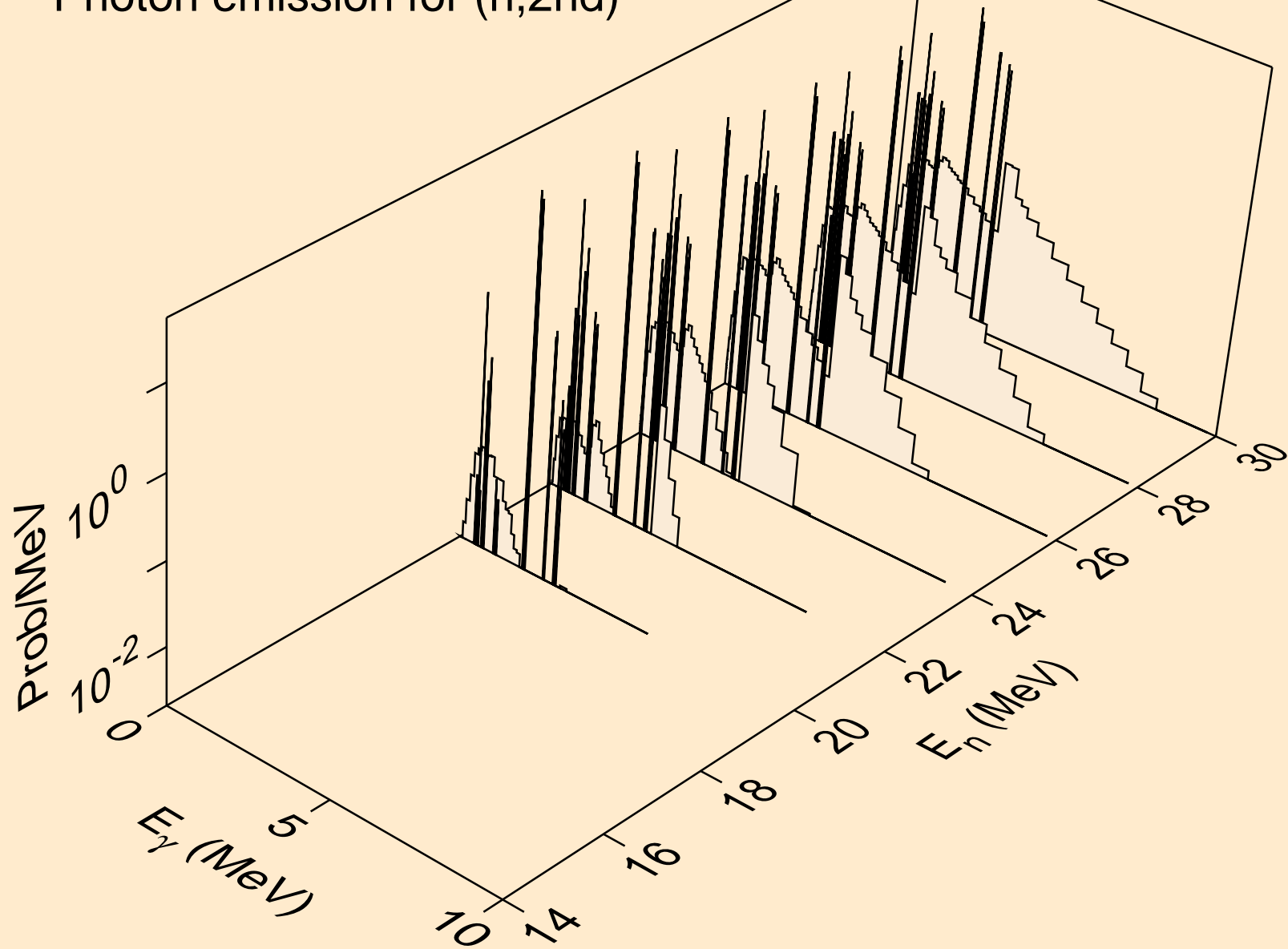
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Photon emission for (z,n)



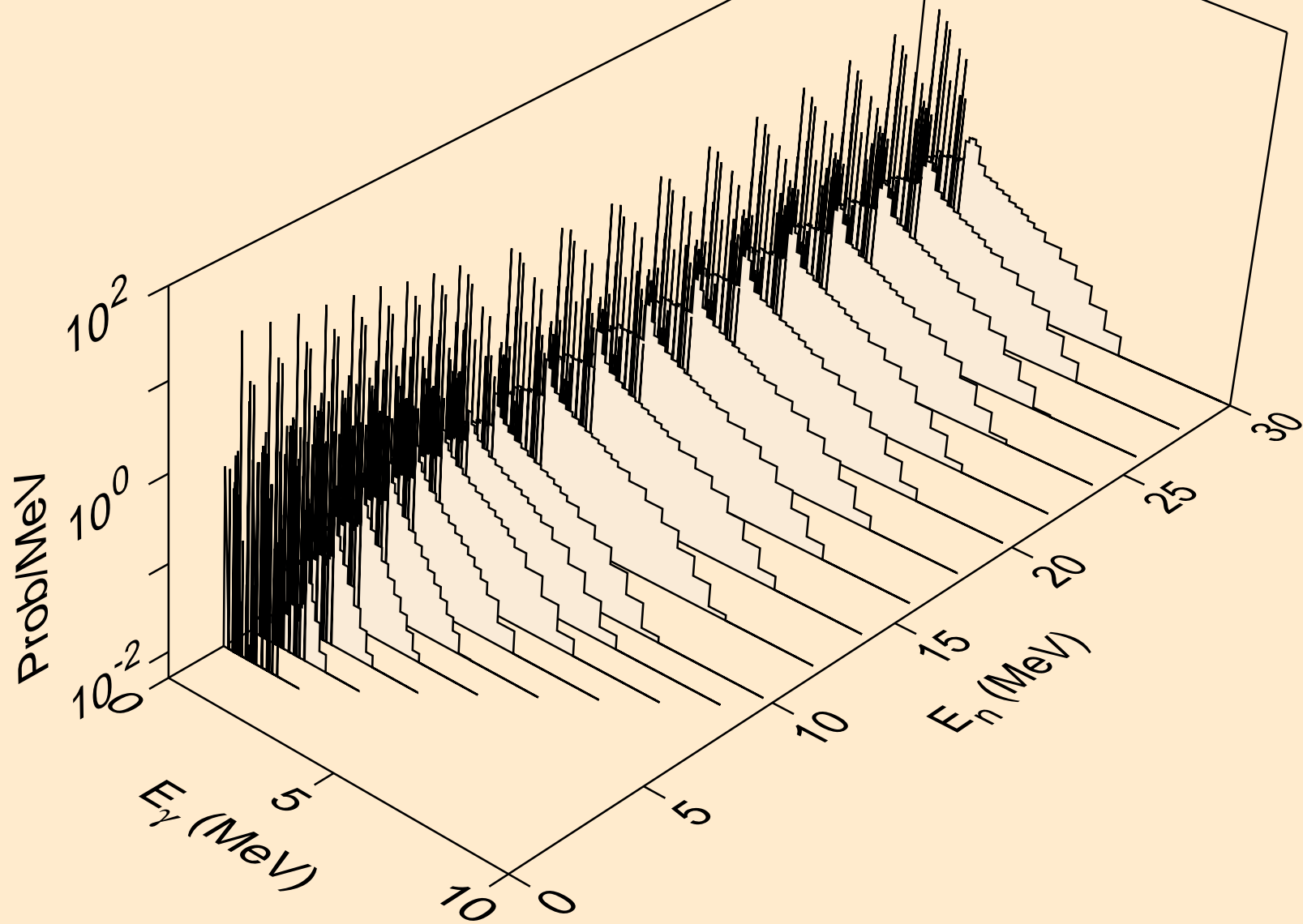
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Photon emission for (n,x)



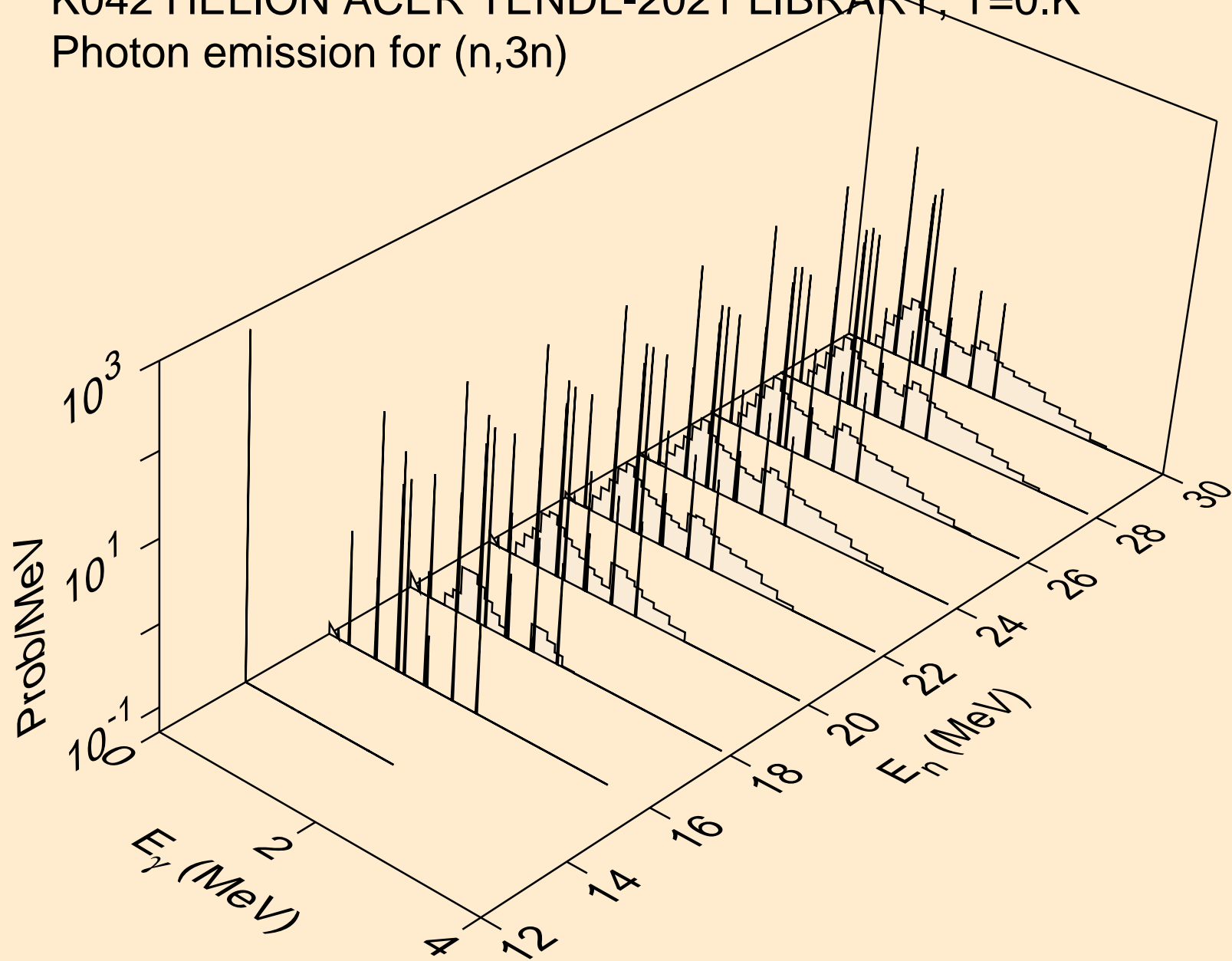
K042 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)



K042 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)

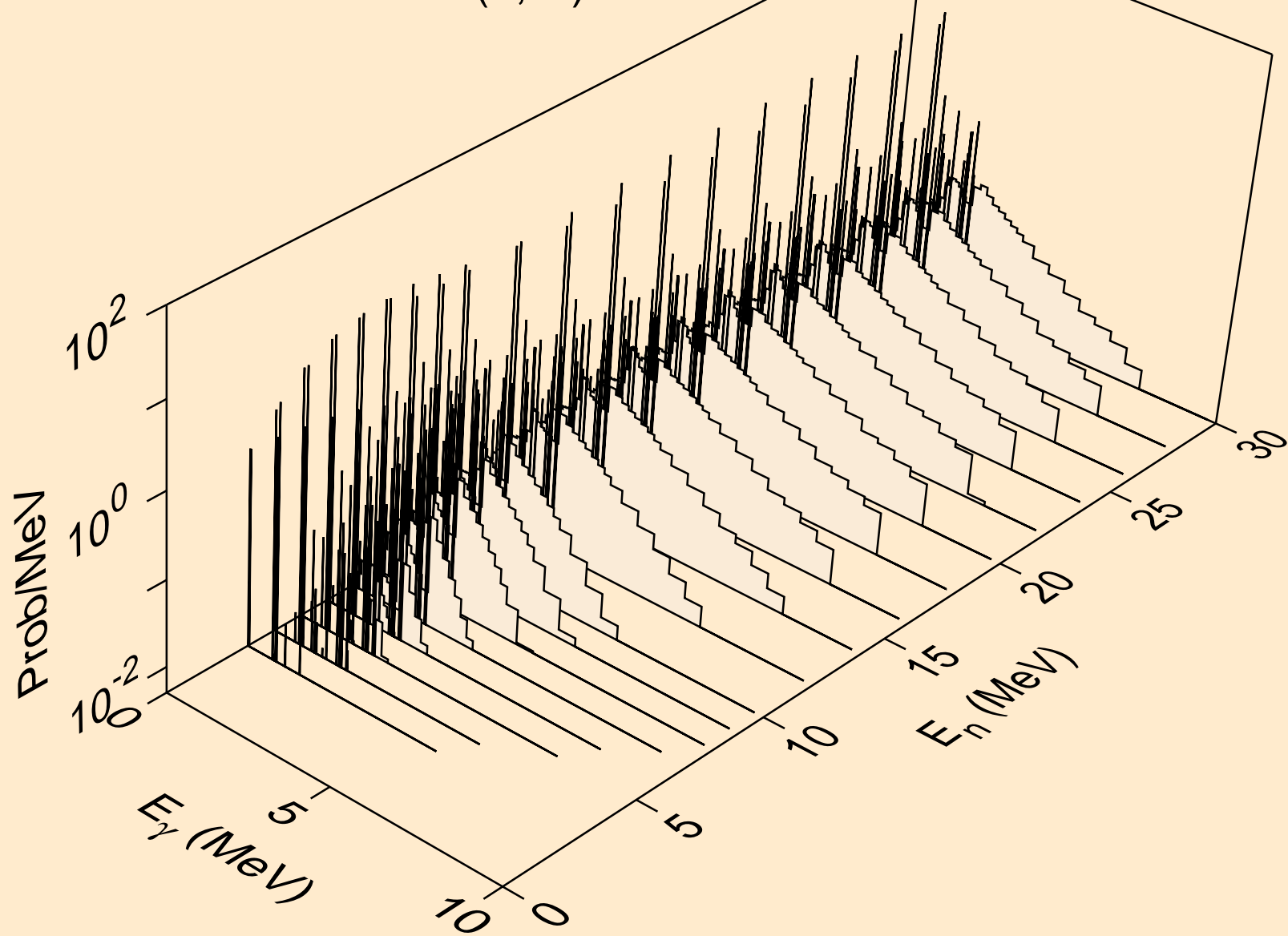


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Photon emission for (n,3n)

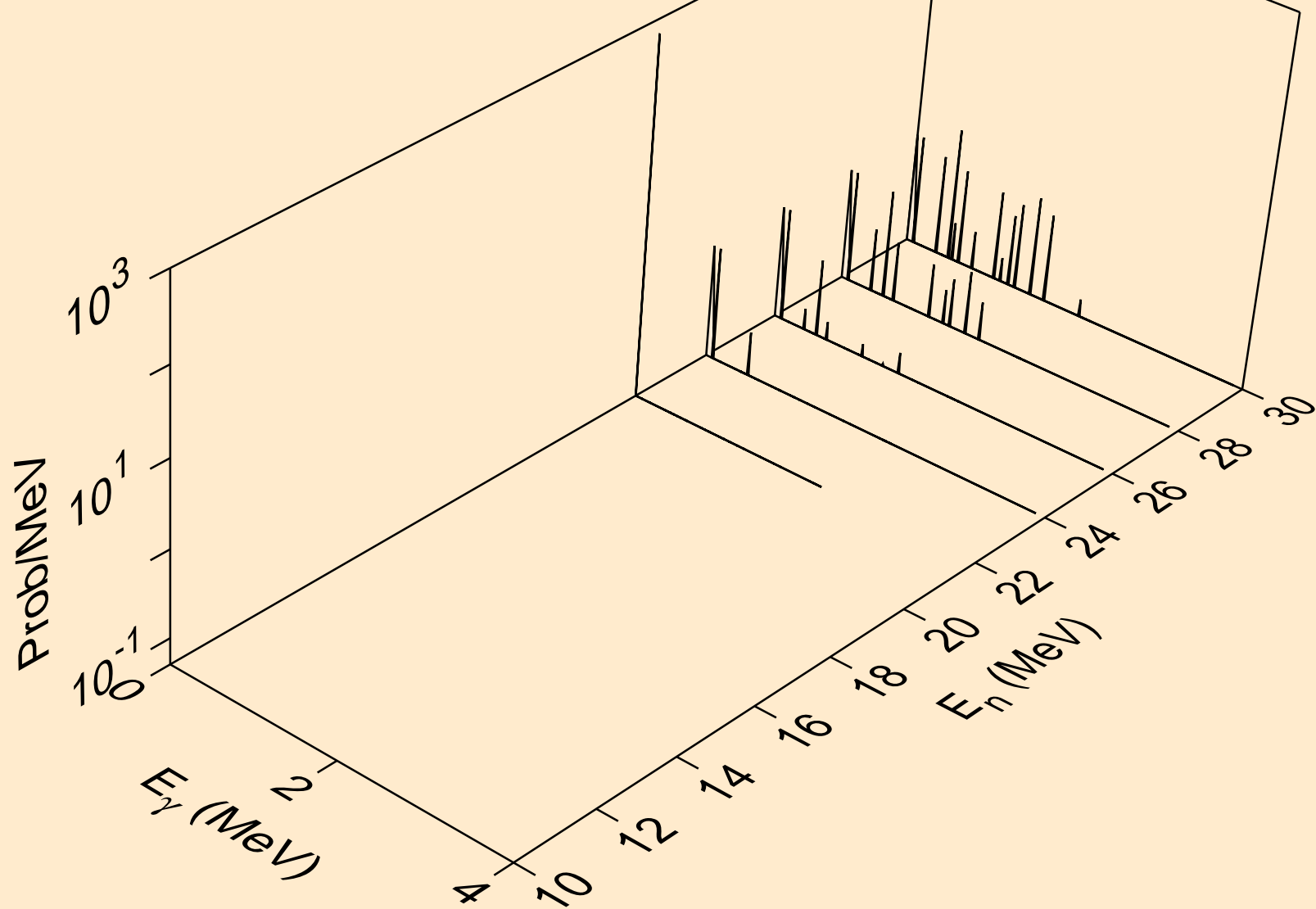




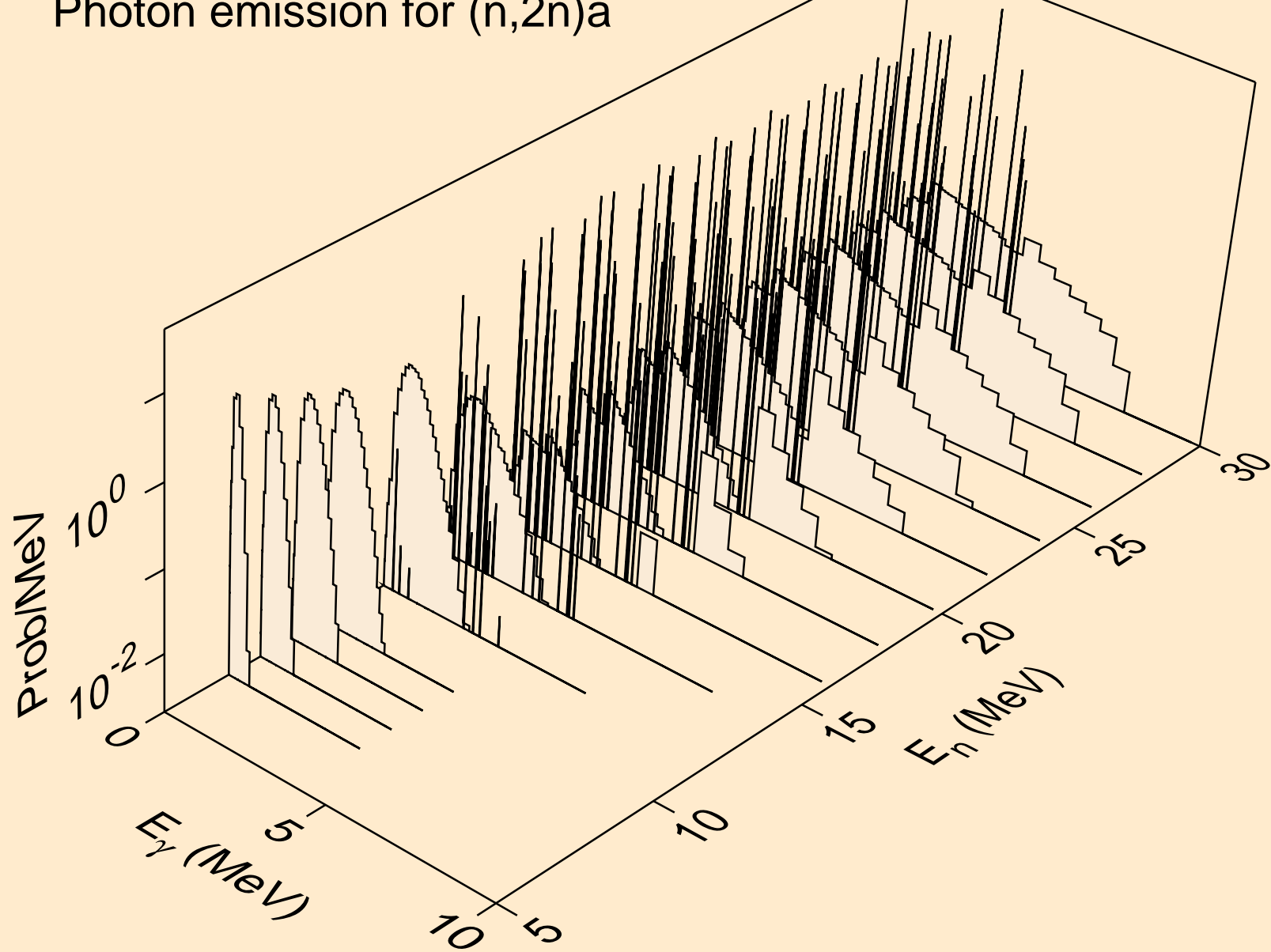
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Photon emission for (n,n\*)a



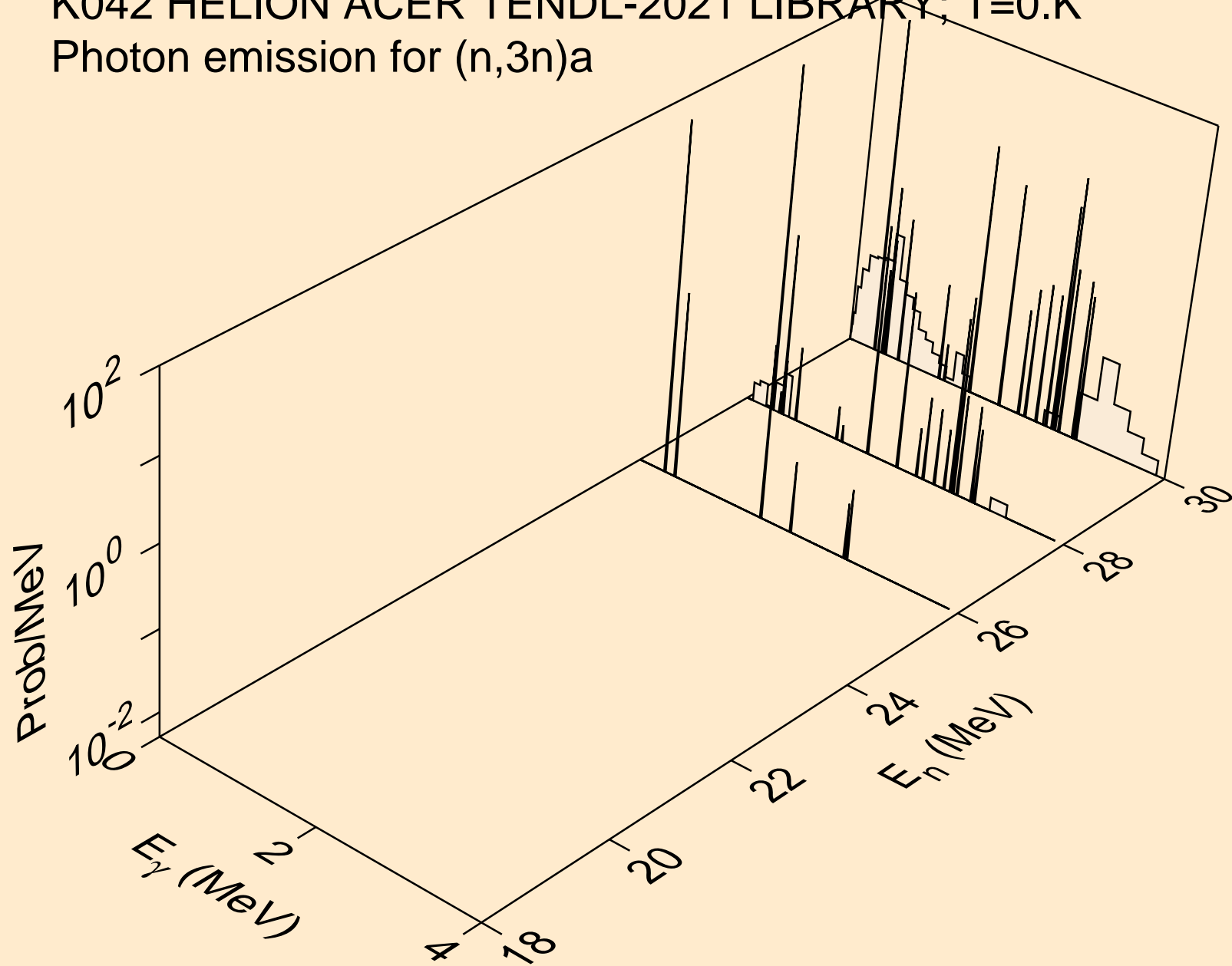
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Photon emission for (n,n\*)3a



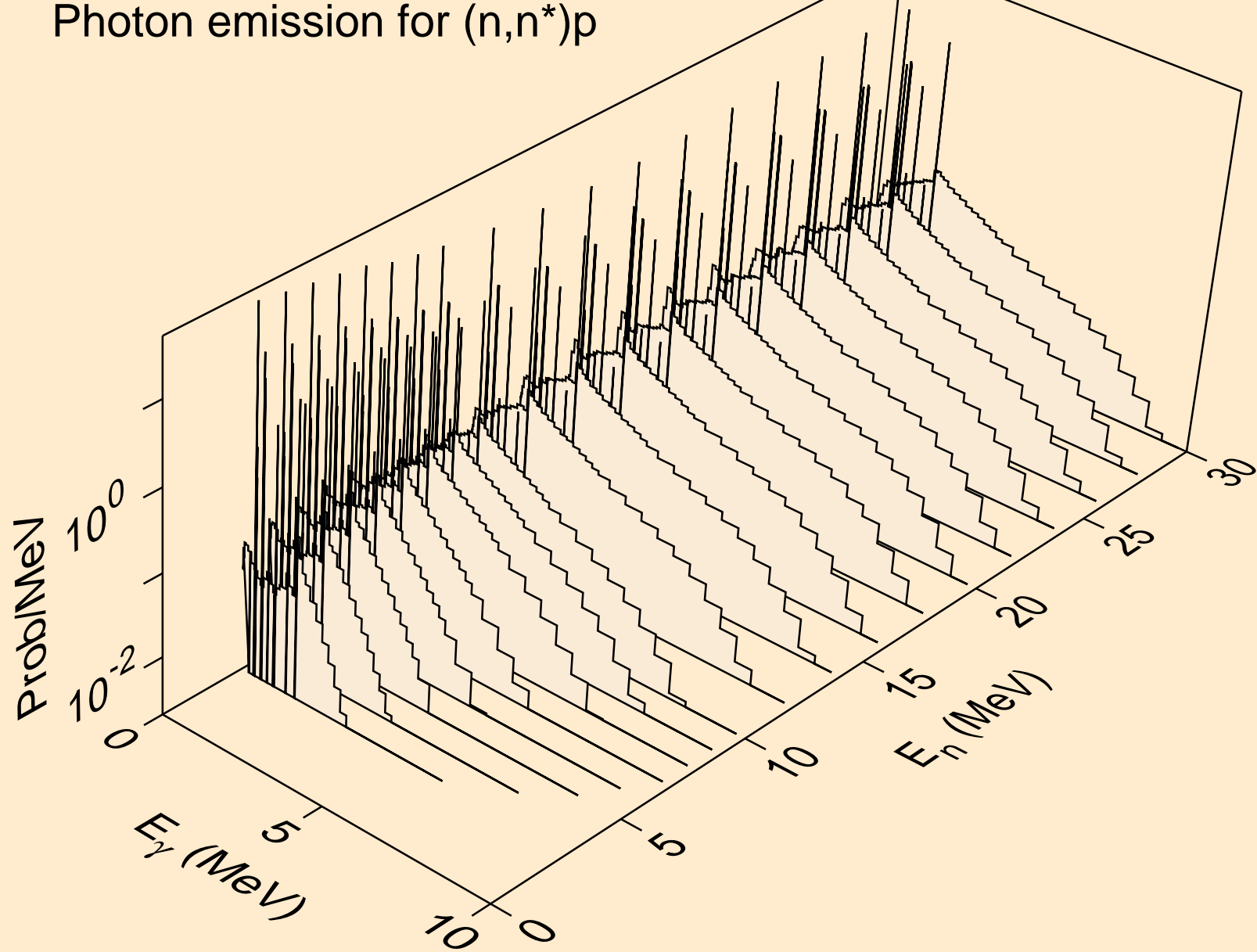
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Photon emission for (n,2n)a



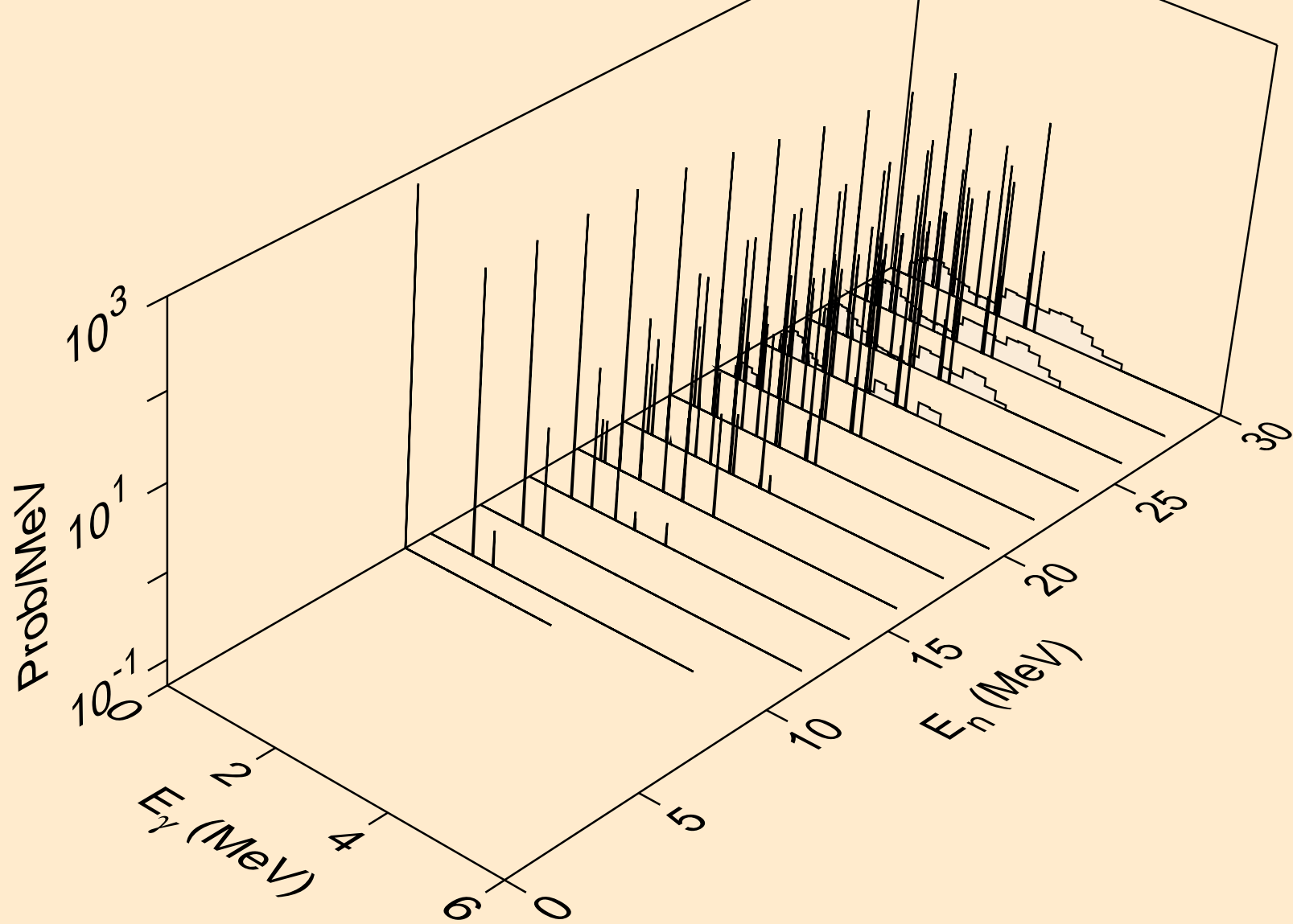
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Photon emission for (n,3n)a



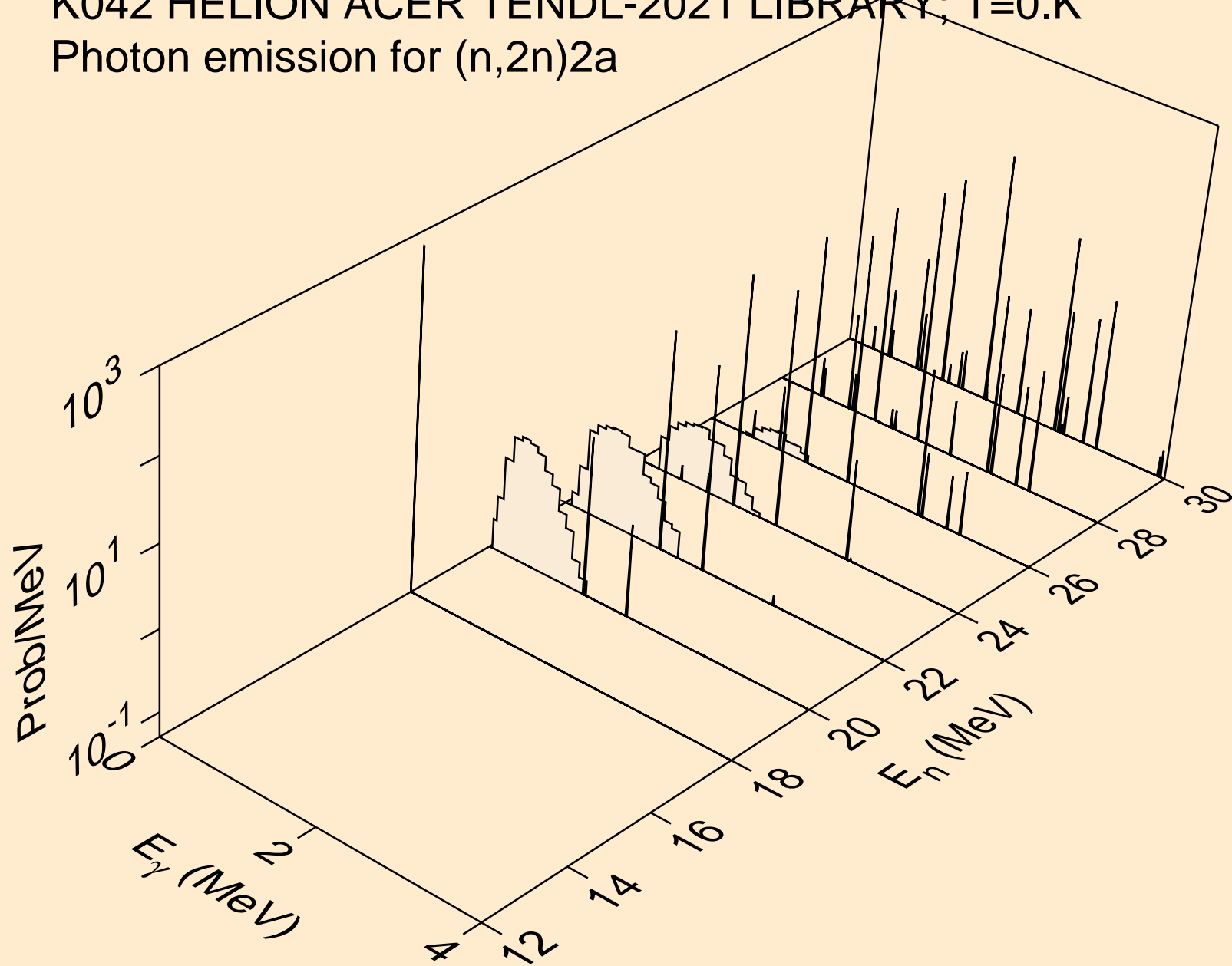
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Photon emission for (n,n\*)p



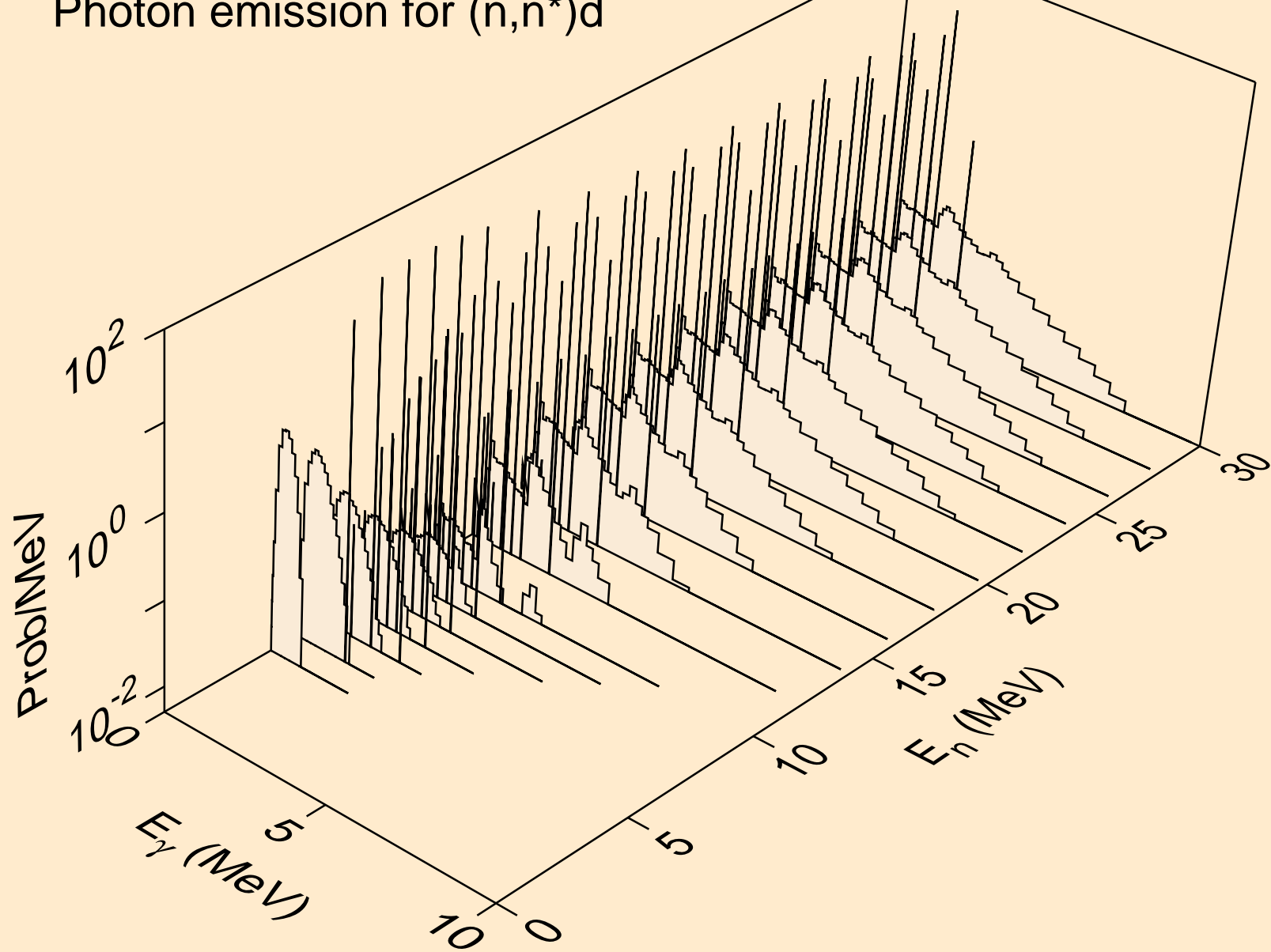
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Photon emission for (n,n\*)2a



K042 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)2a

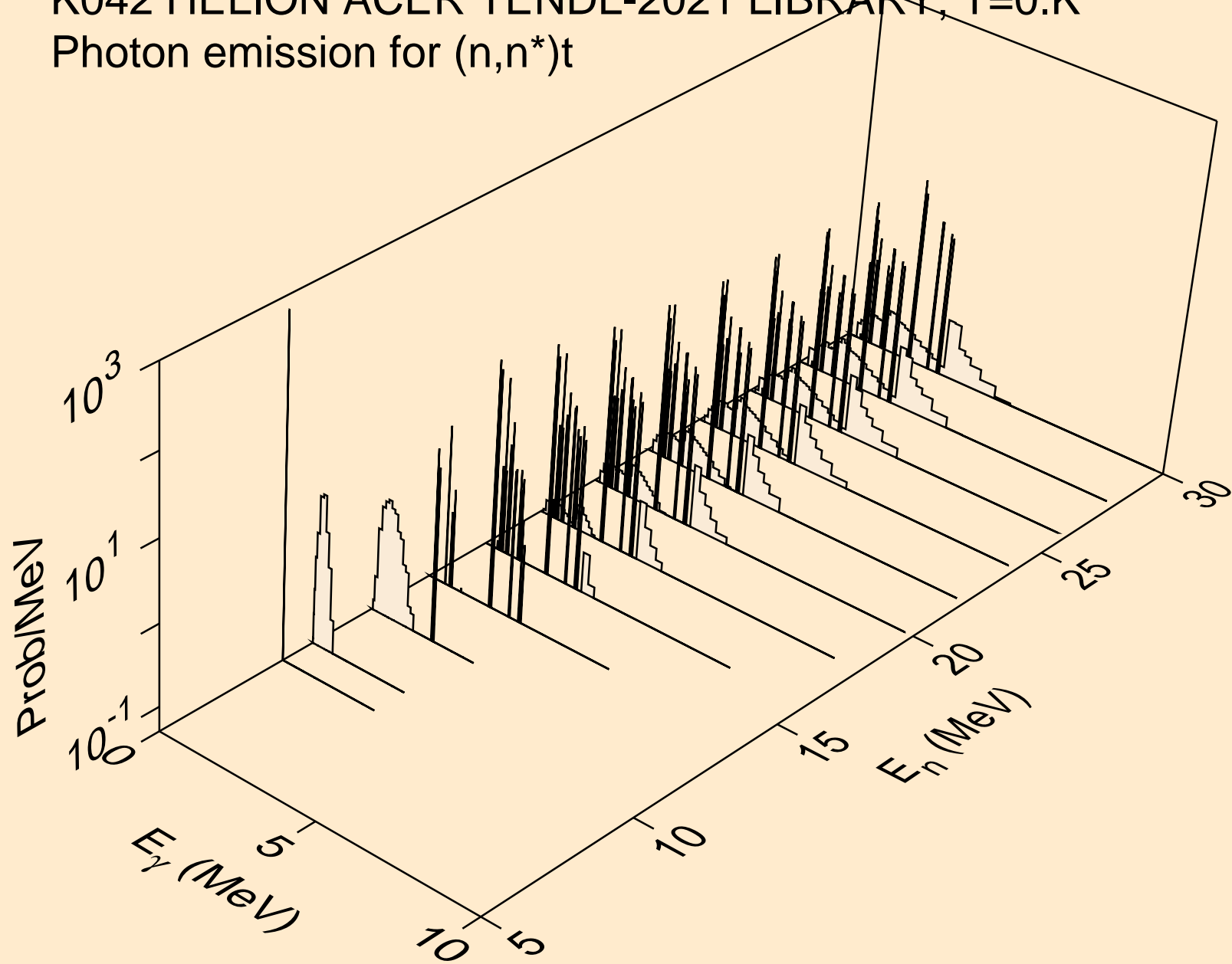


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Photon emission for (n,n\*)d

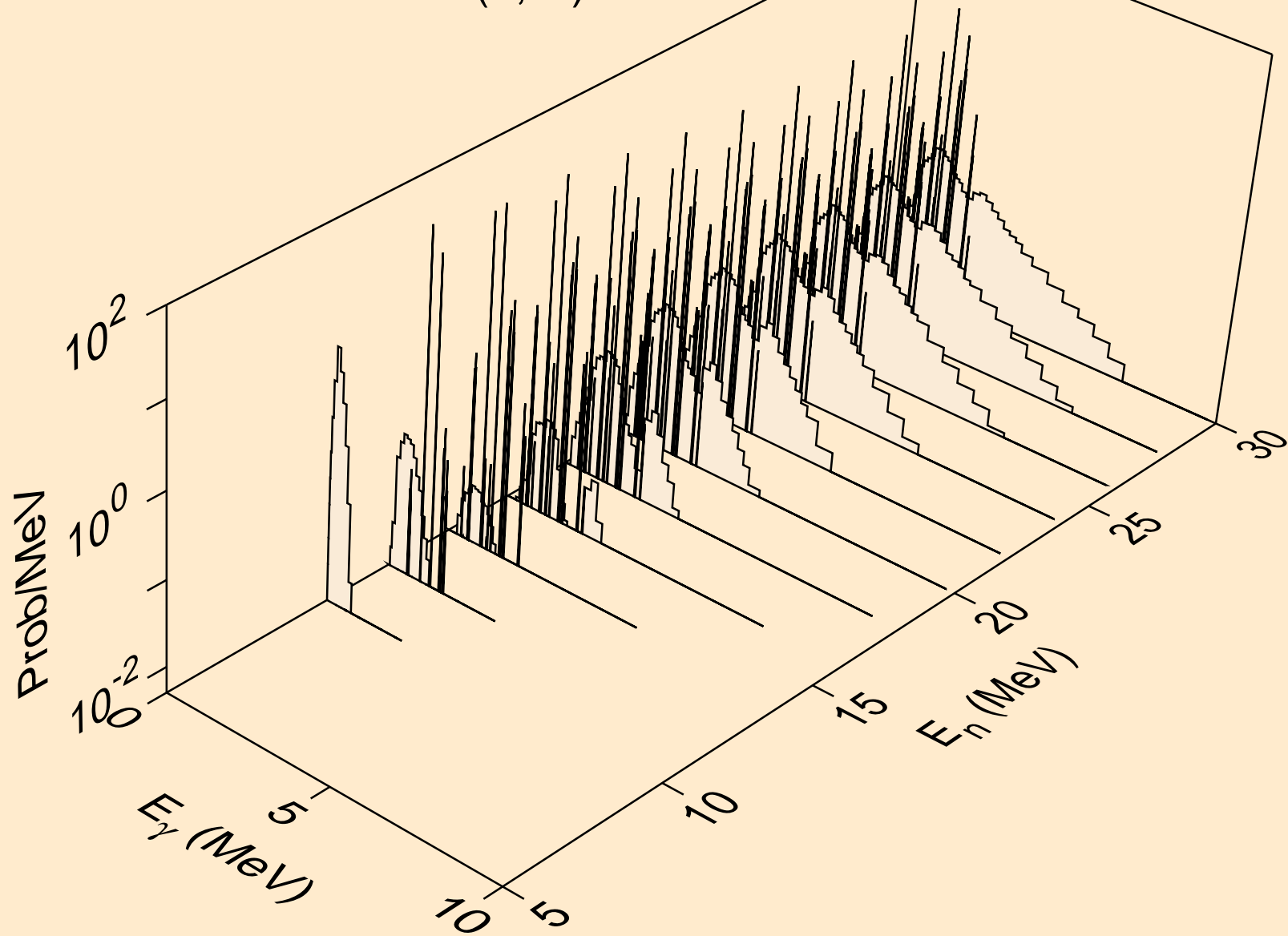




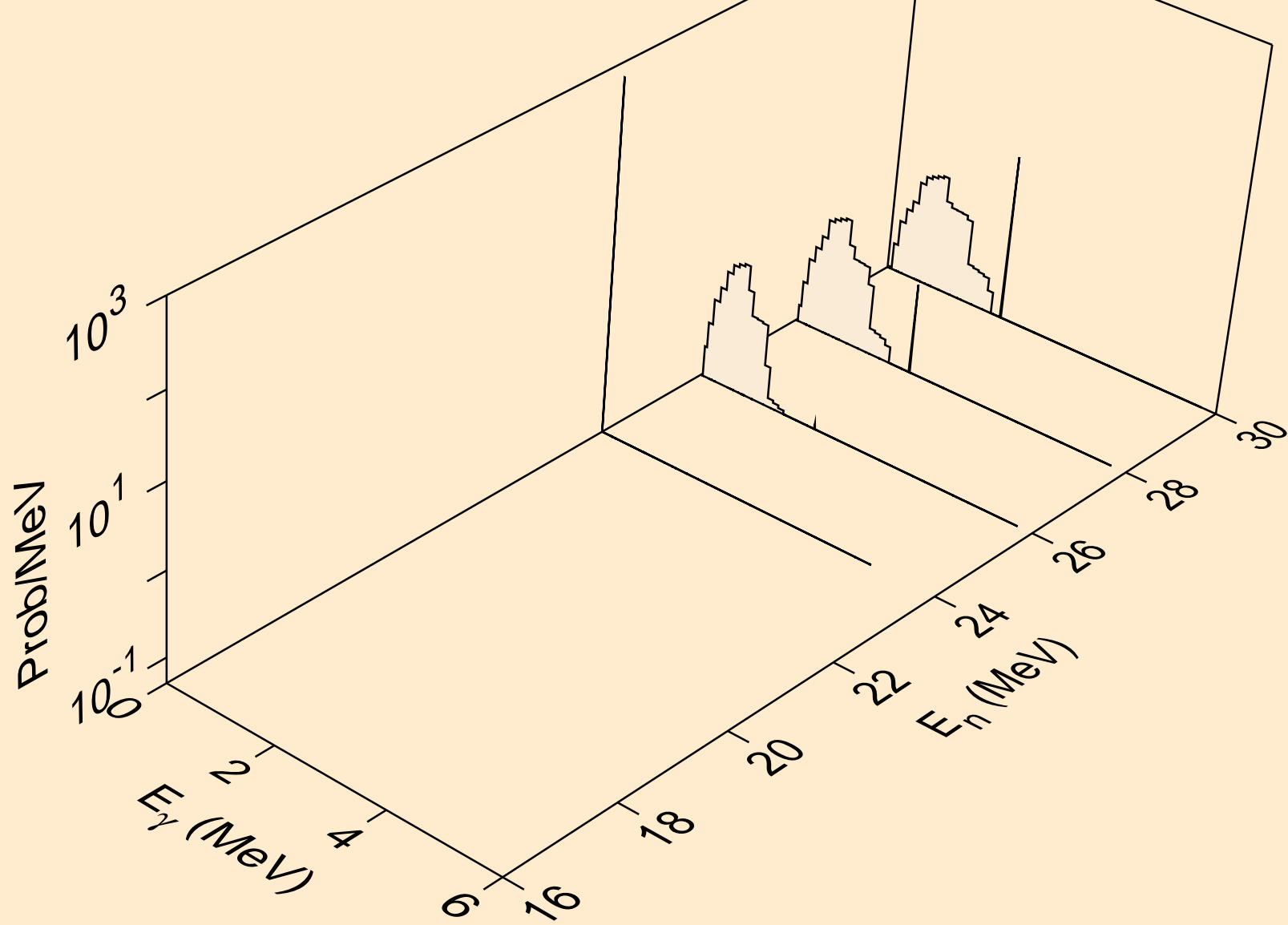
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Photon emission for (n,n\*)t



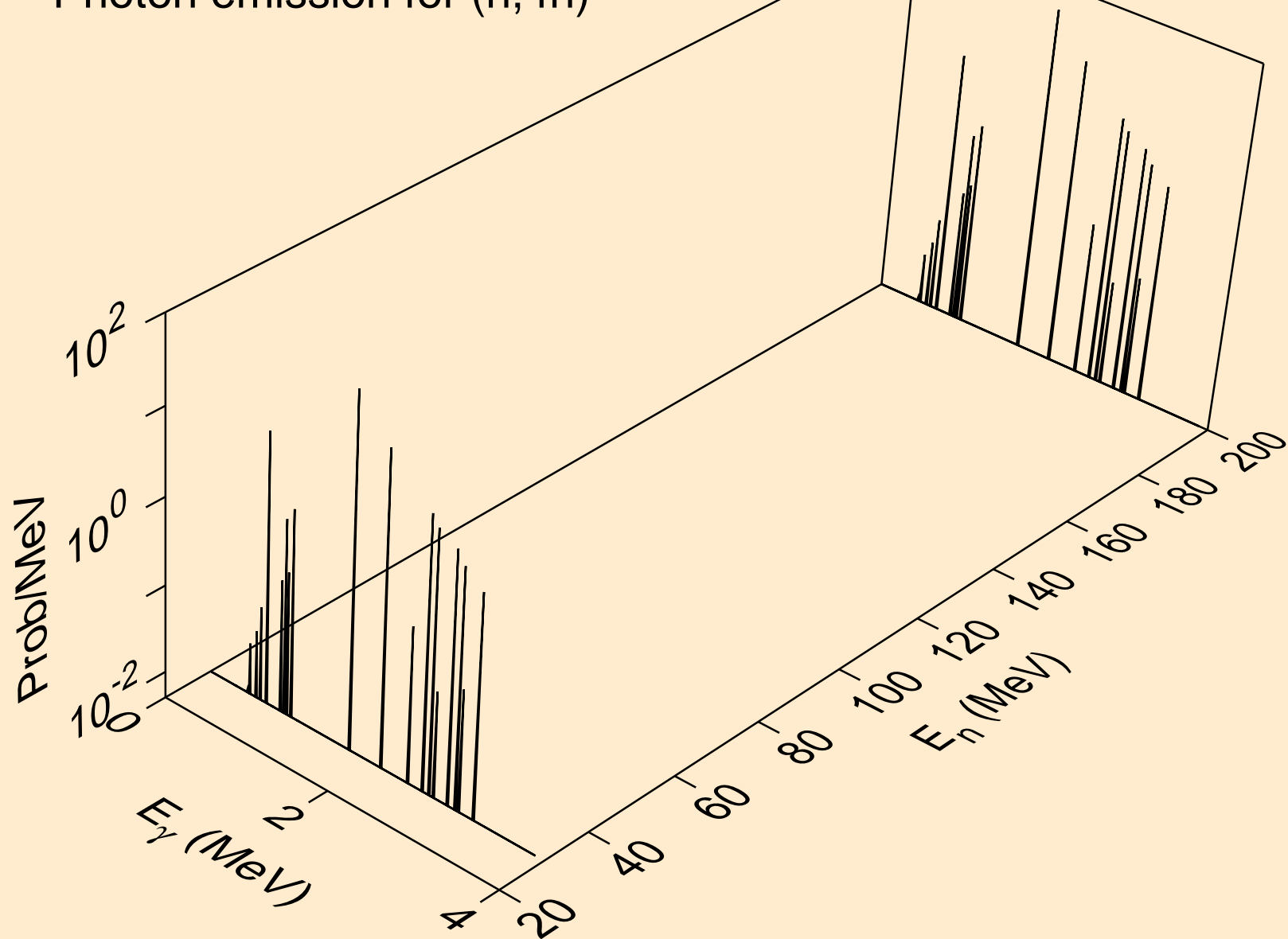
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Photon emission for (n,n\*)he3



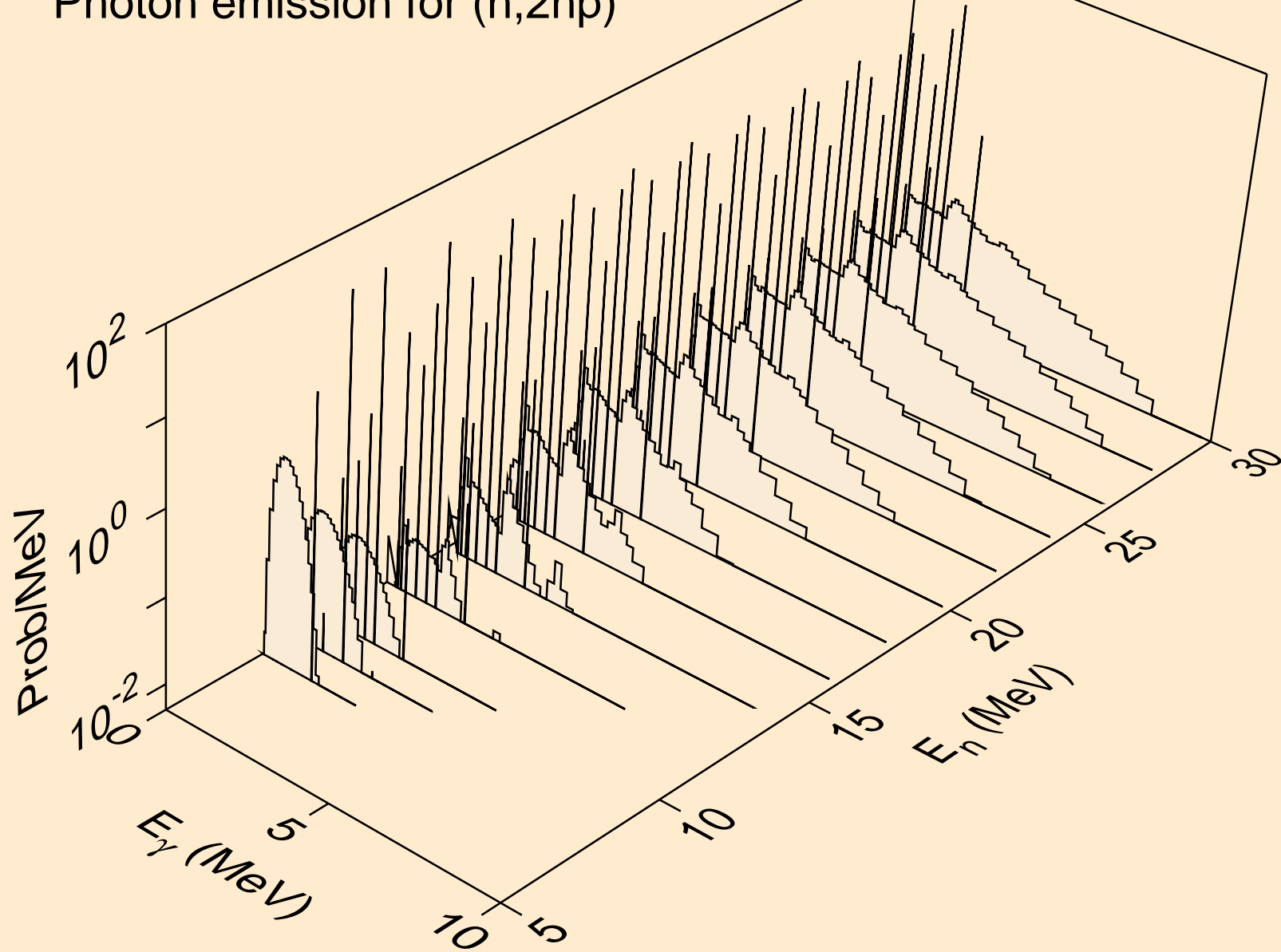
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Photon emission for (n,n\*)d2a



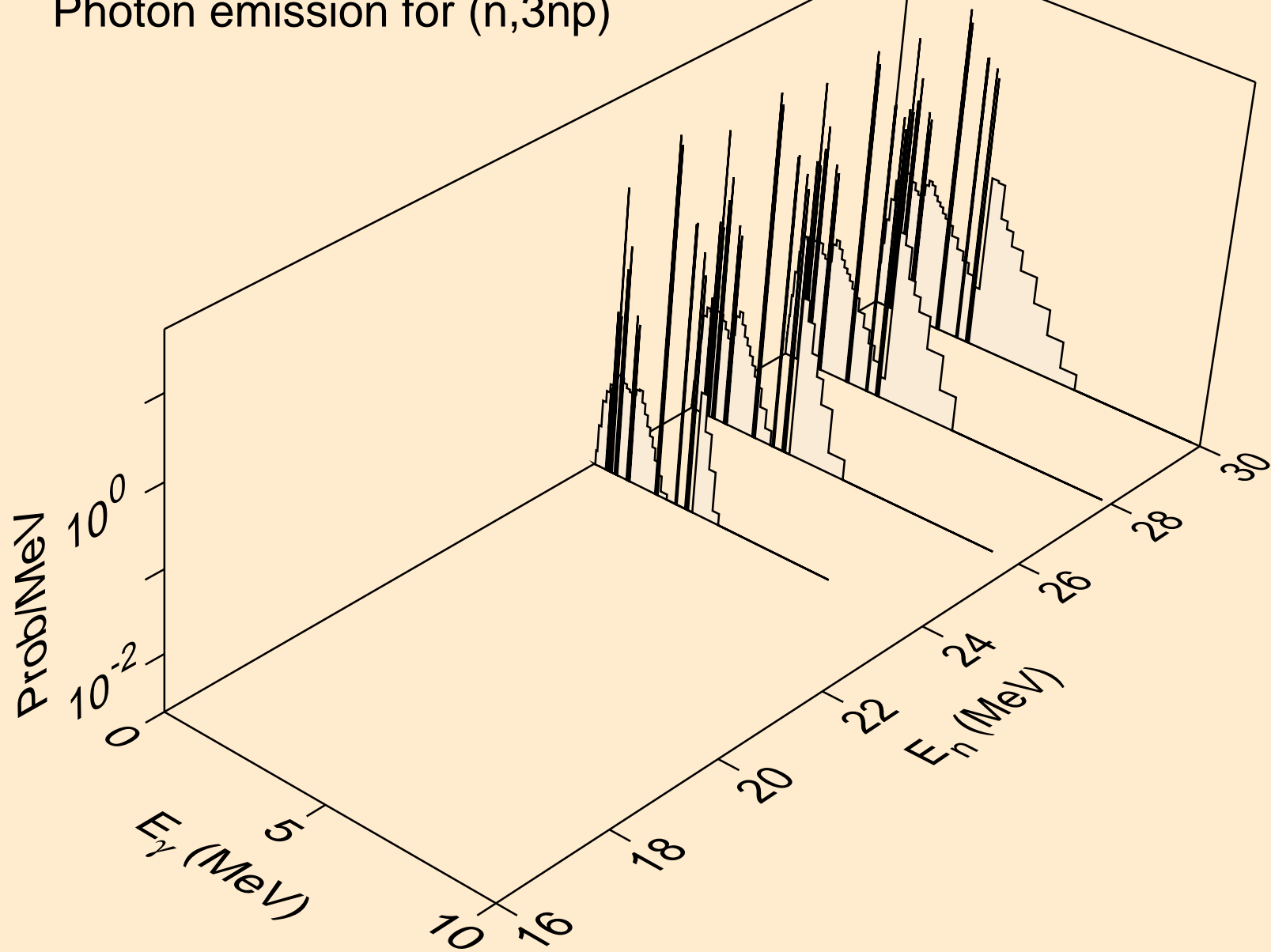
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Photon emission for (n,4n)



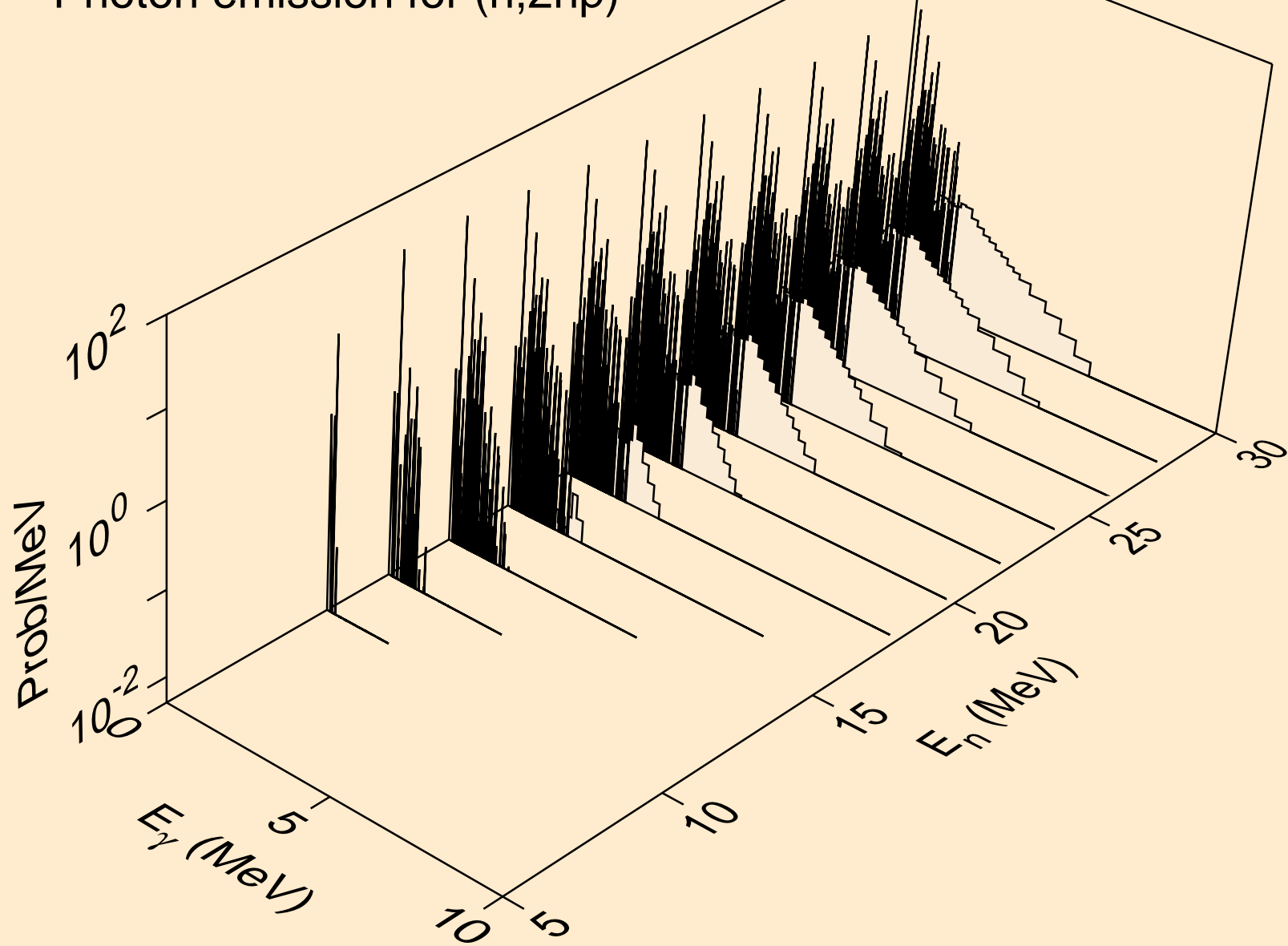
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Photon emission for (n,2np)



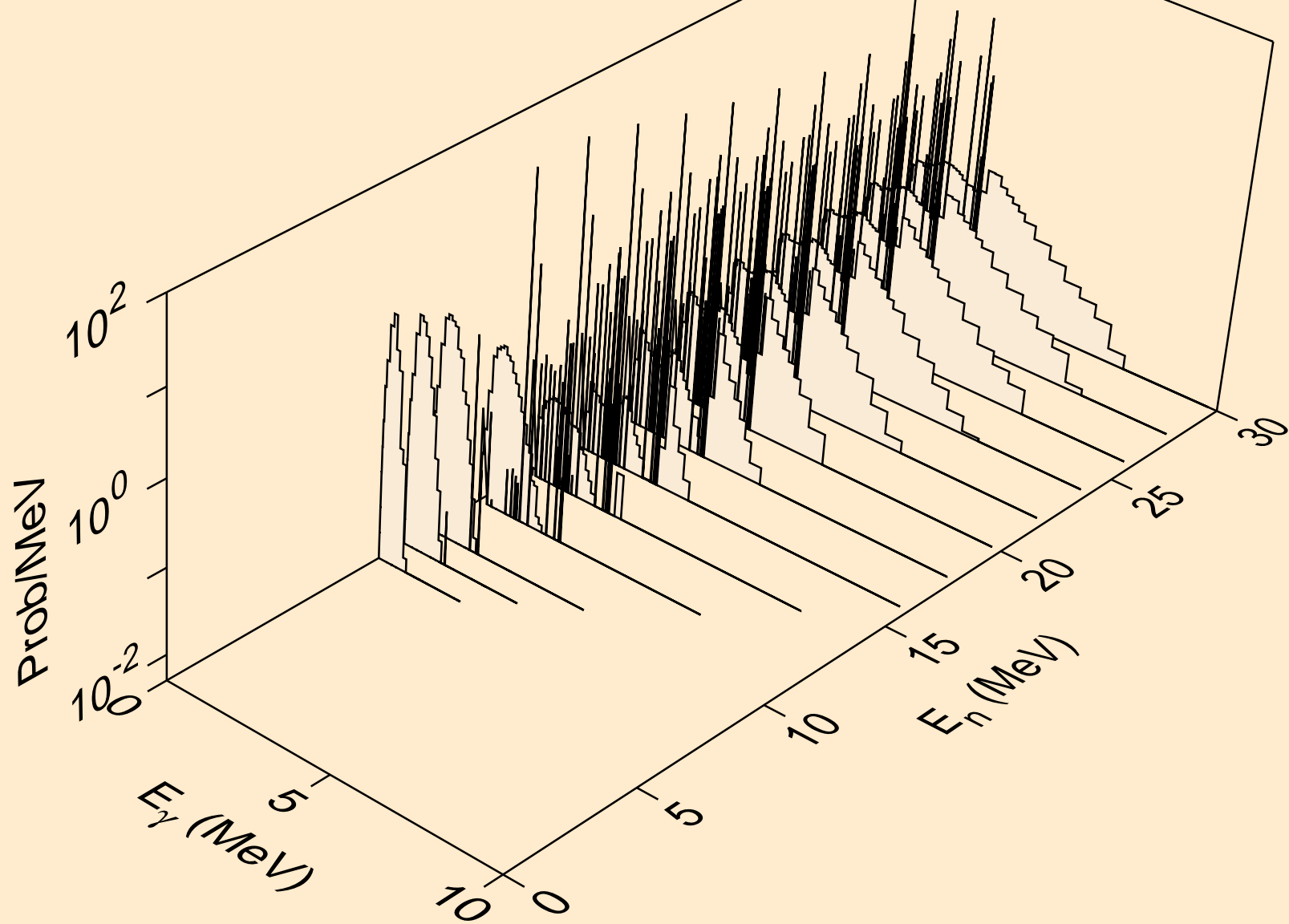
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Photon emission for (n,3np)



K042 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)

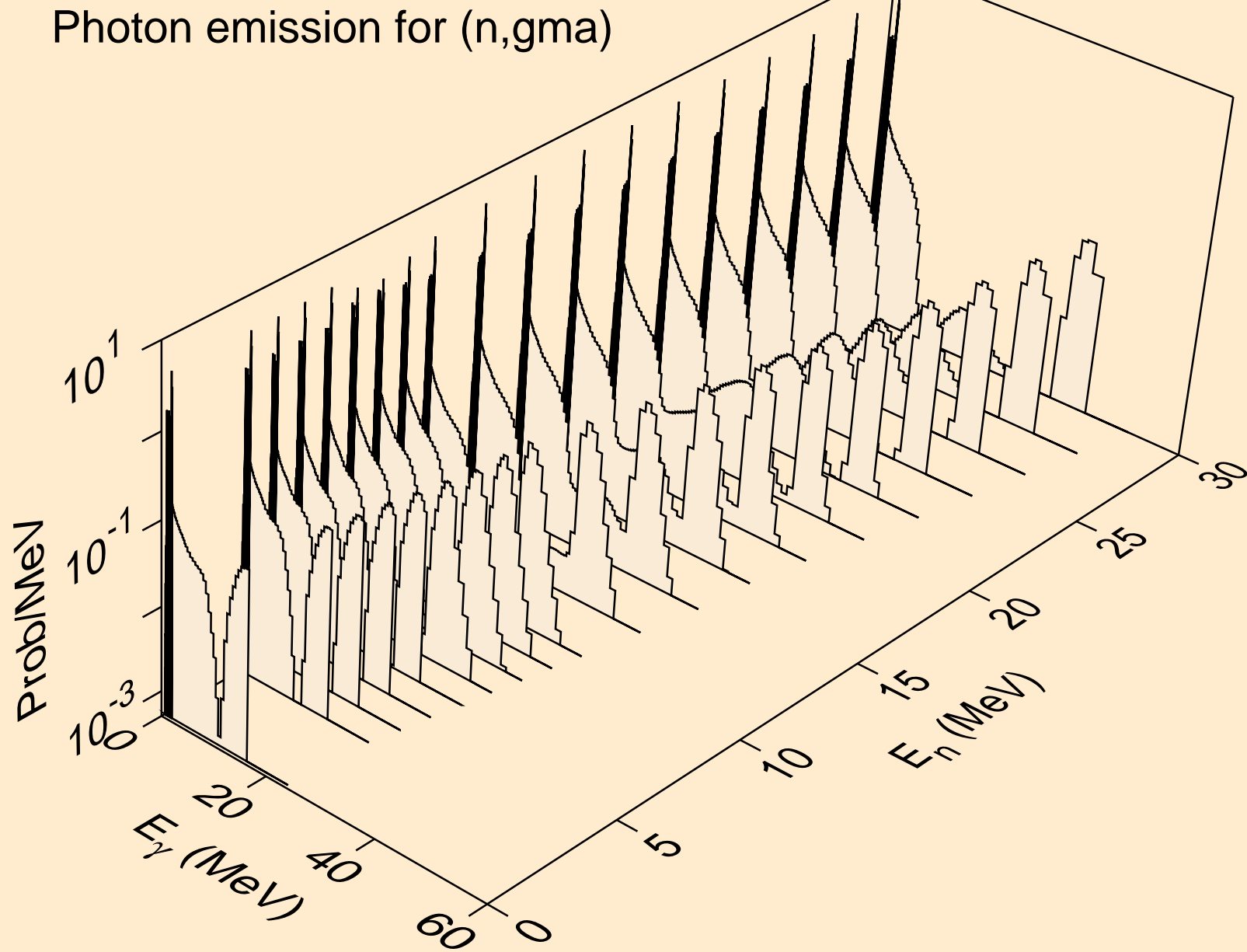


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Photon emission for (n,npa)

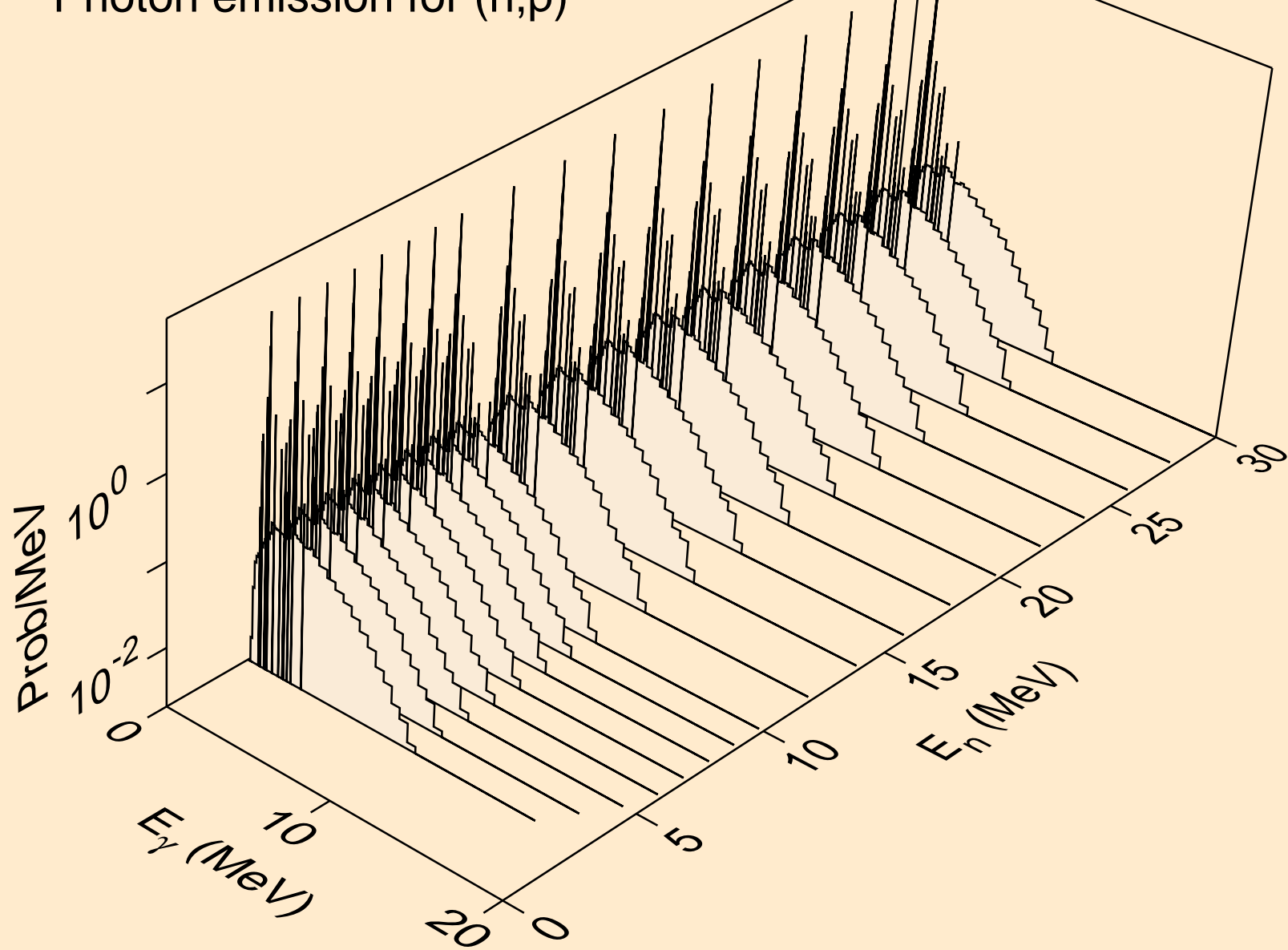




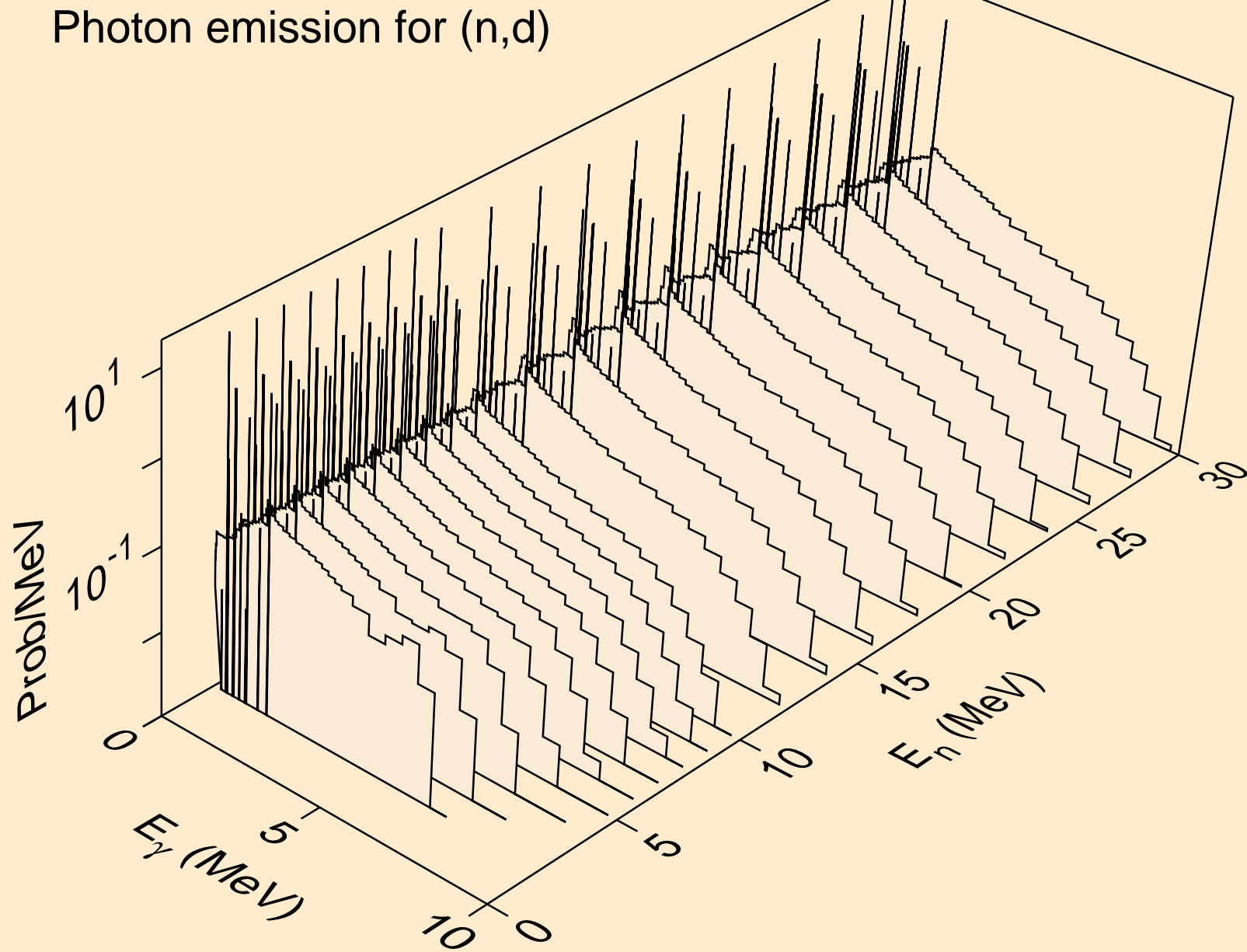
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Photon emission for (n,gma)



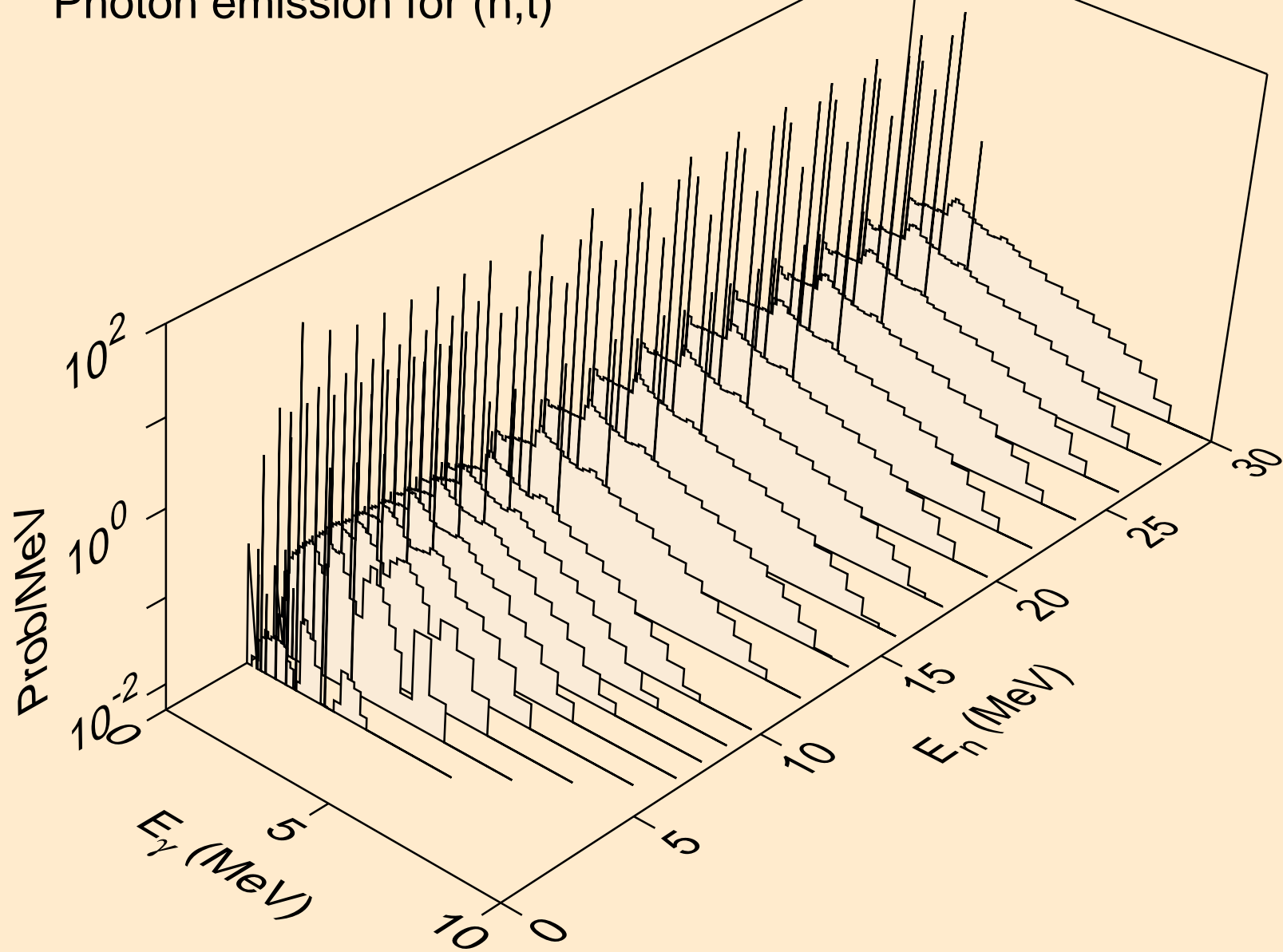
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Photon emission for (n,p)



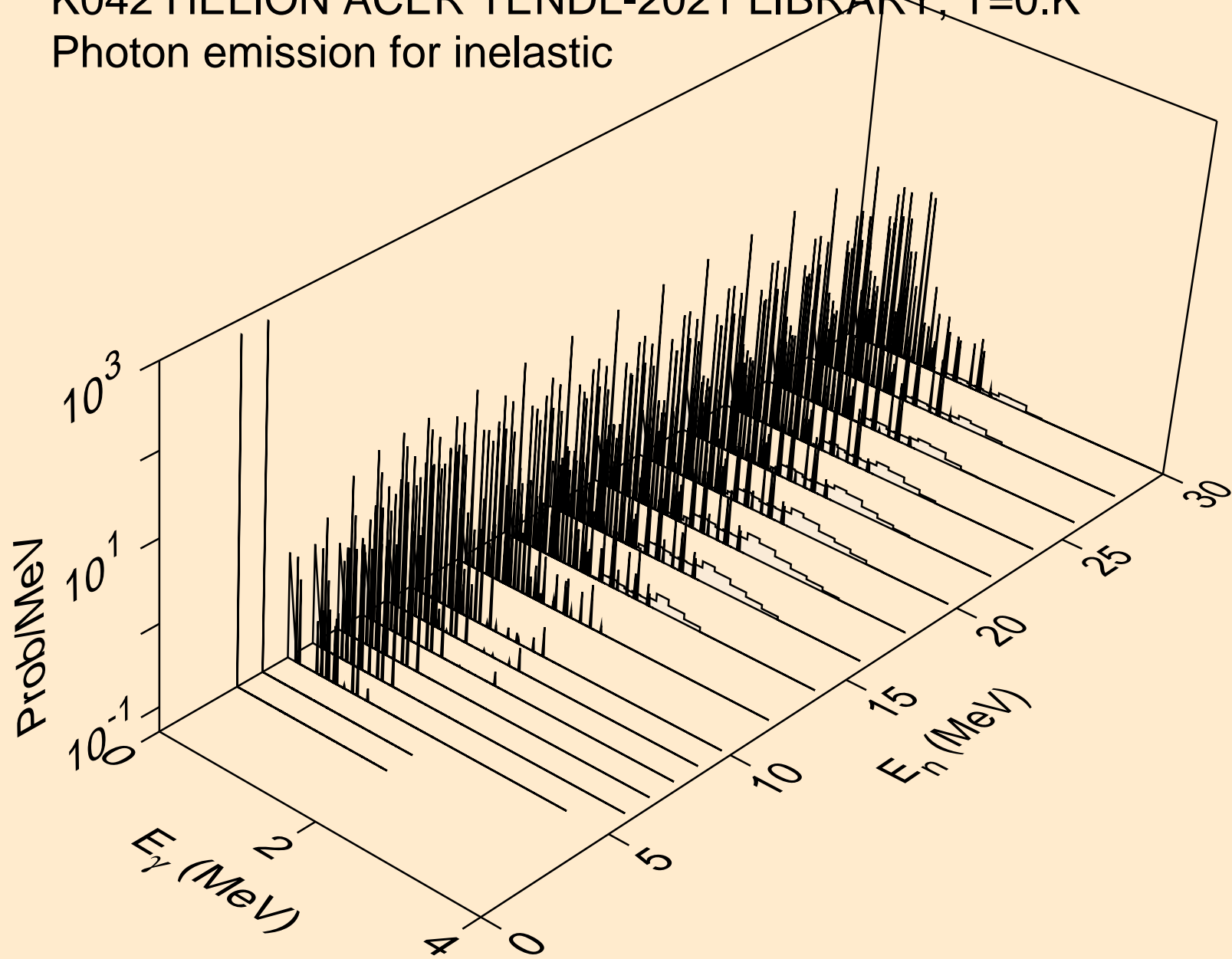
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Photon emission for (n,d)



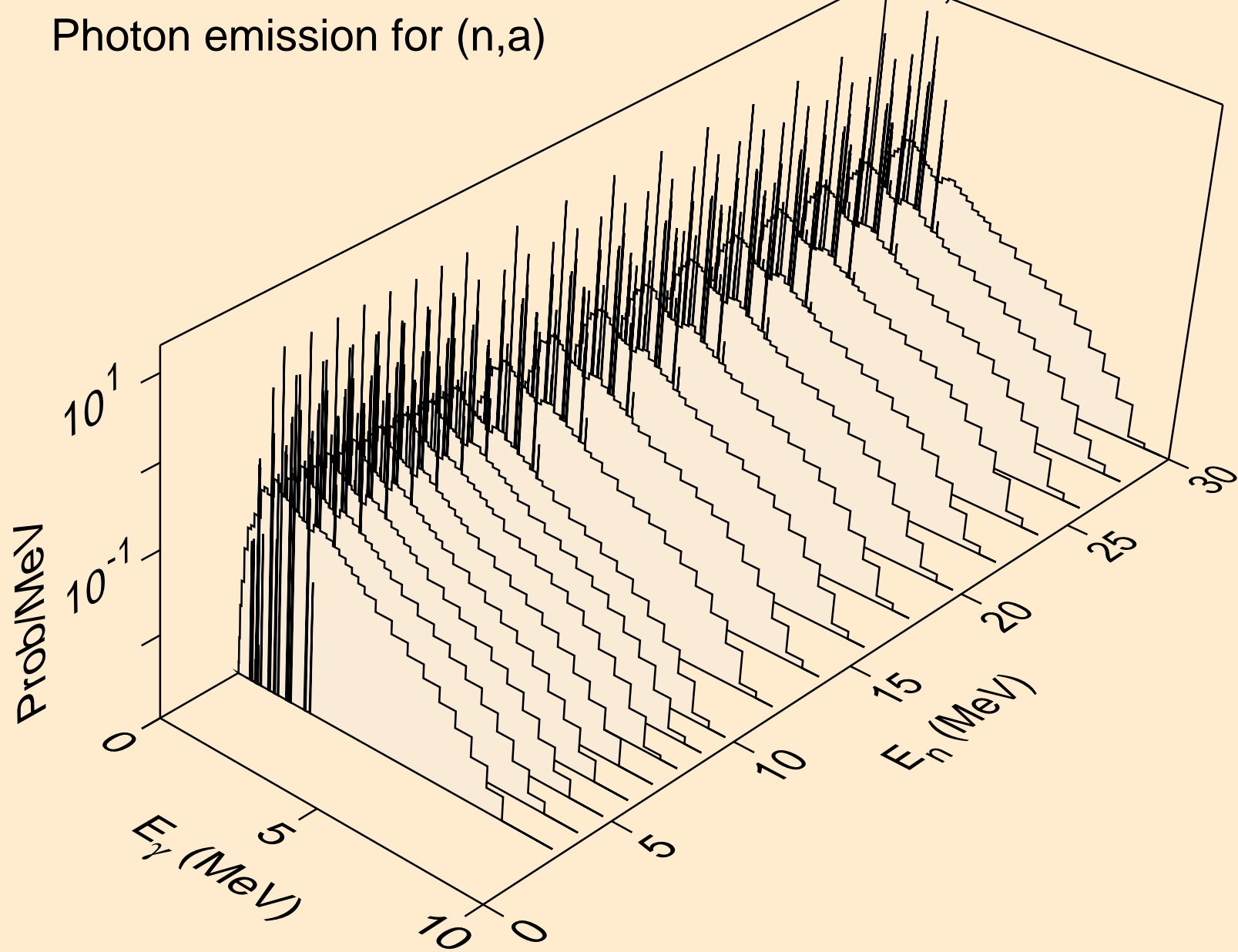
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Photon emission for (n,t)



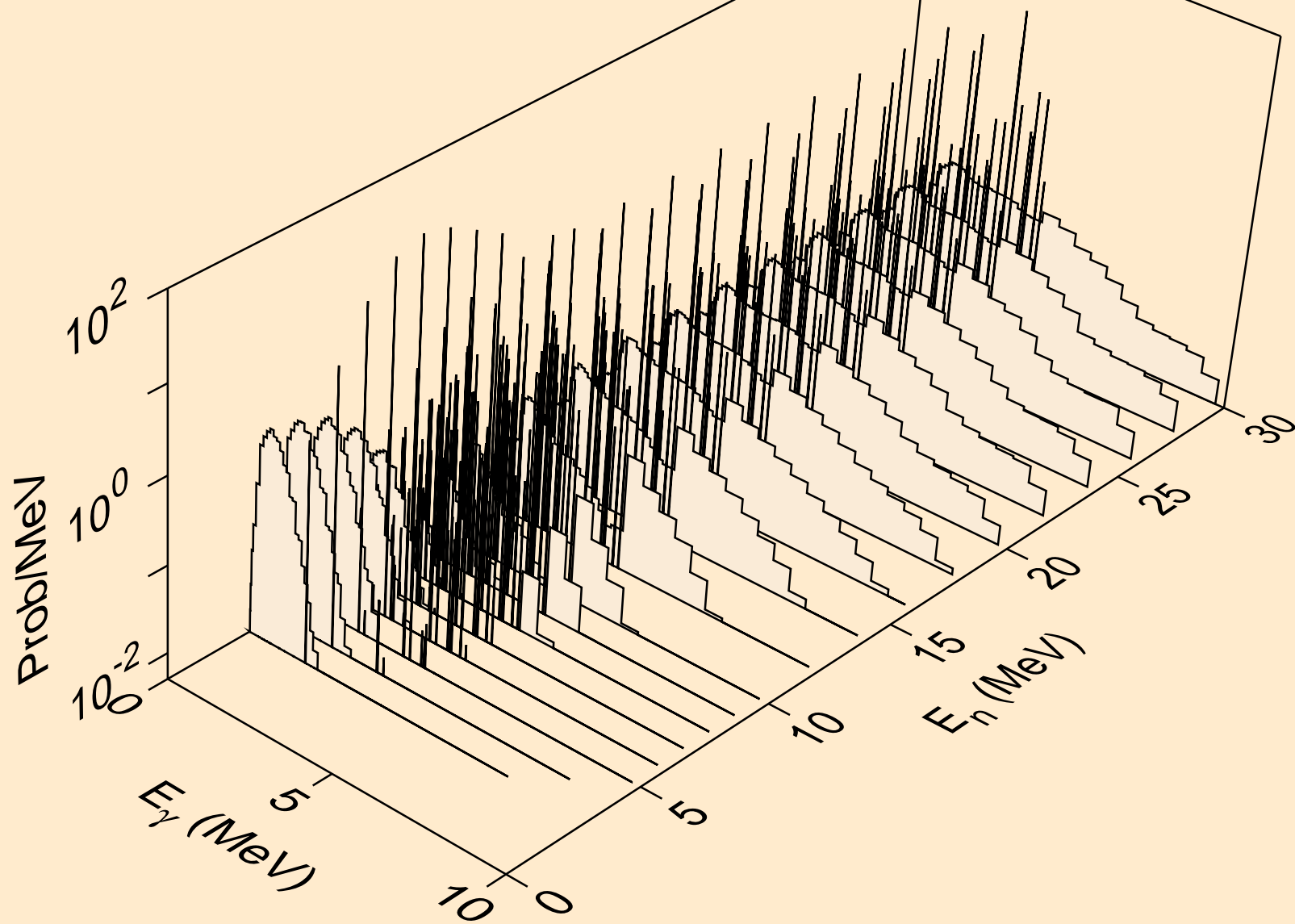
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Photon emission for inelastic



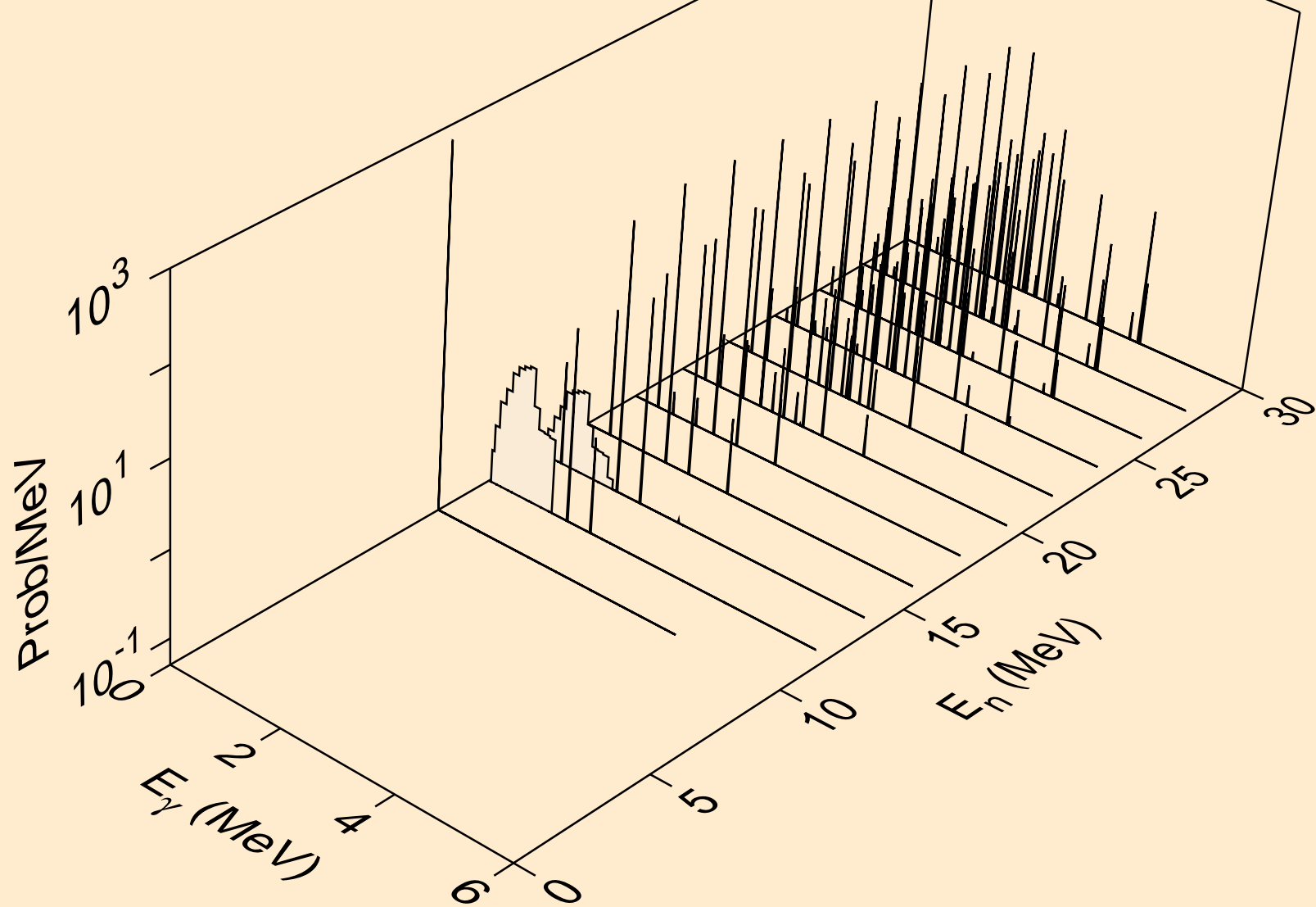
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Photon emission for (n,a)



K042 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2a)

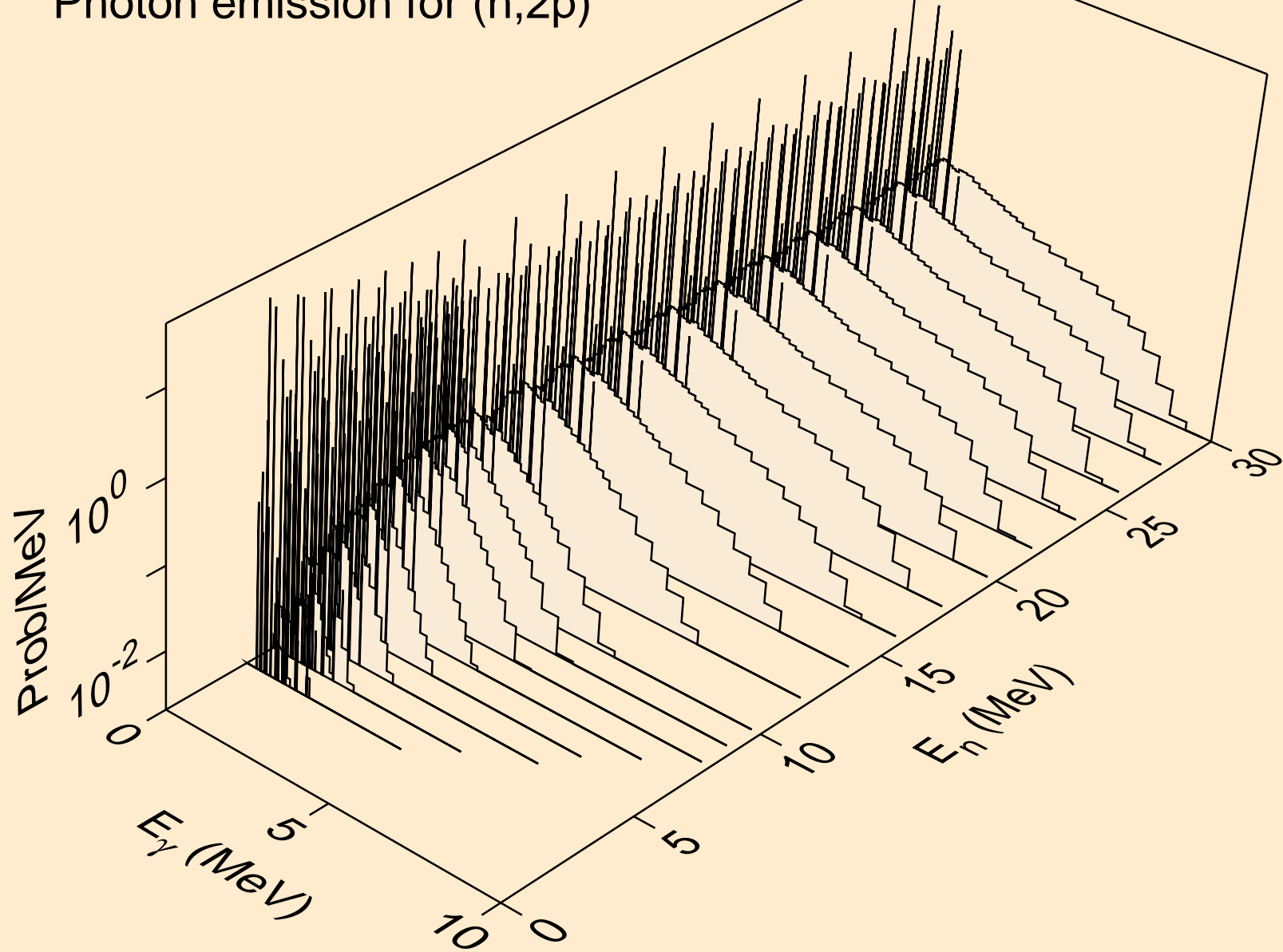


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Photon emission for (n,3a)

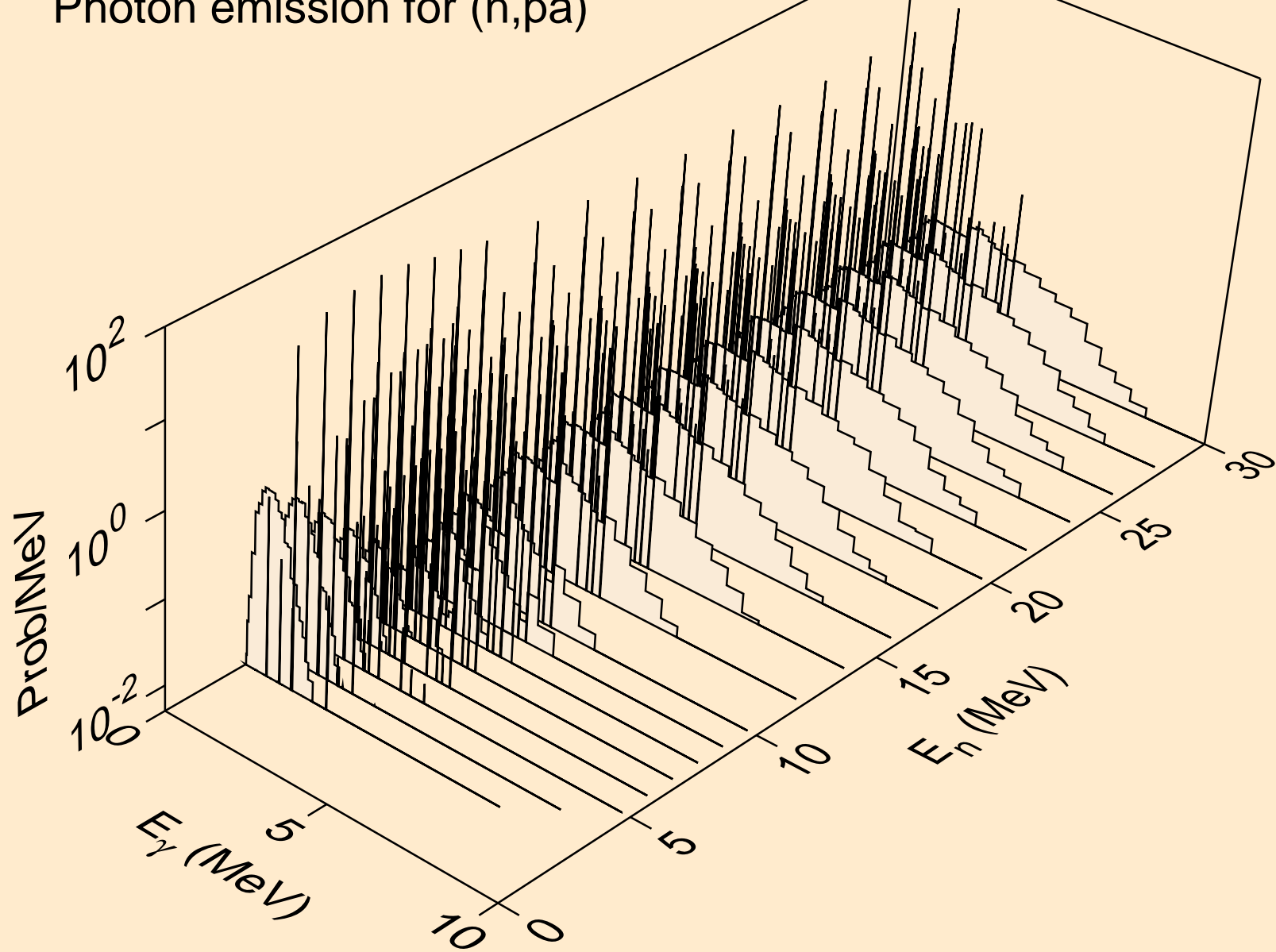




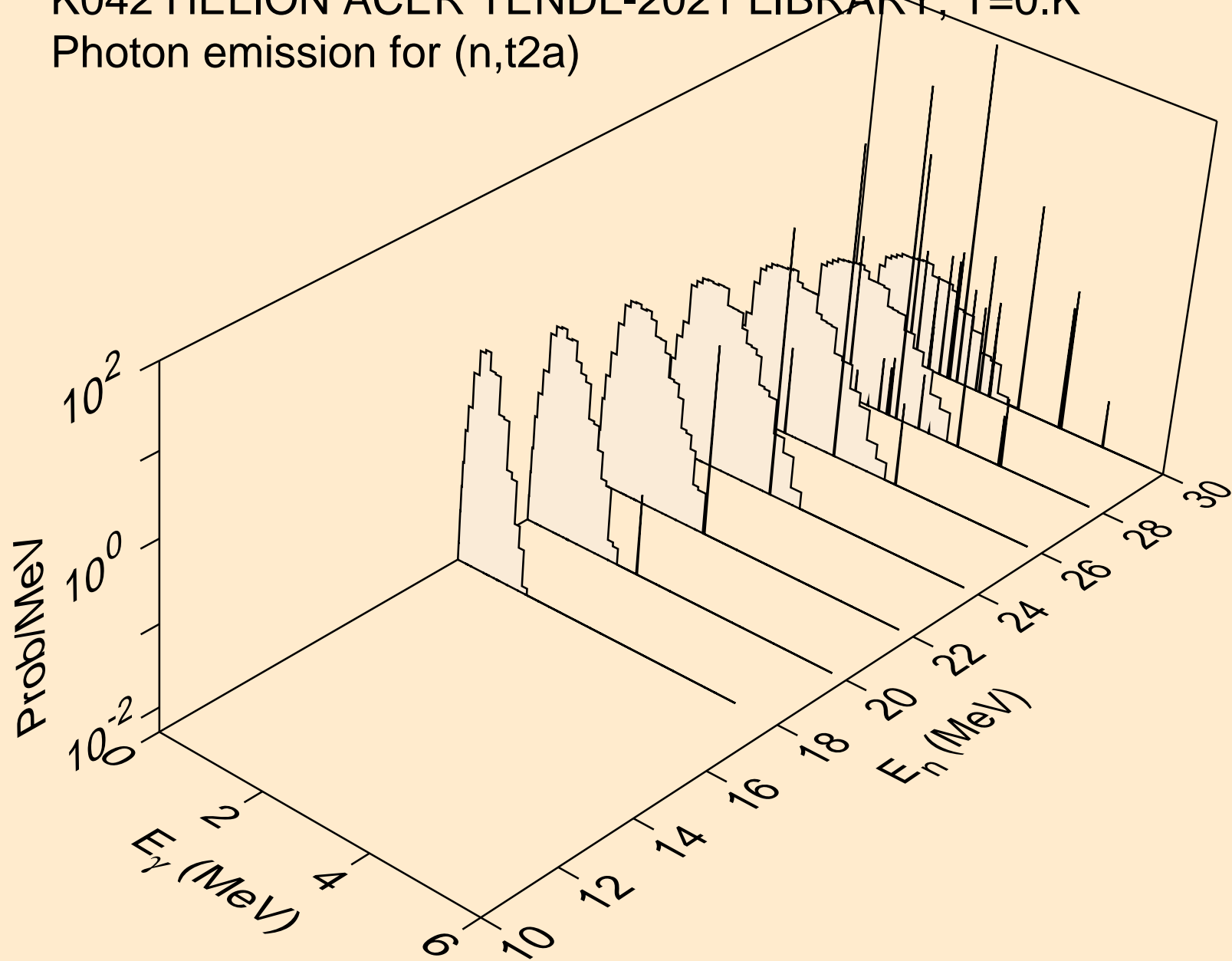
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Photon emission for (n,2p)



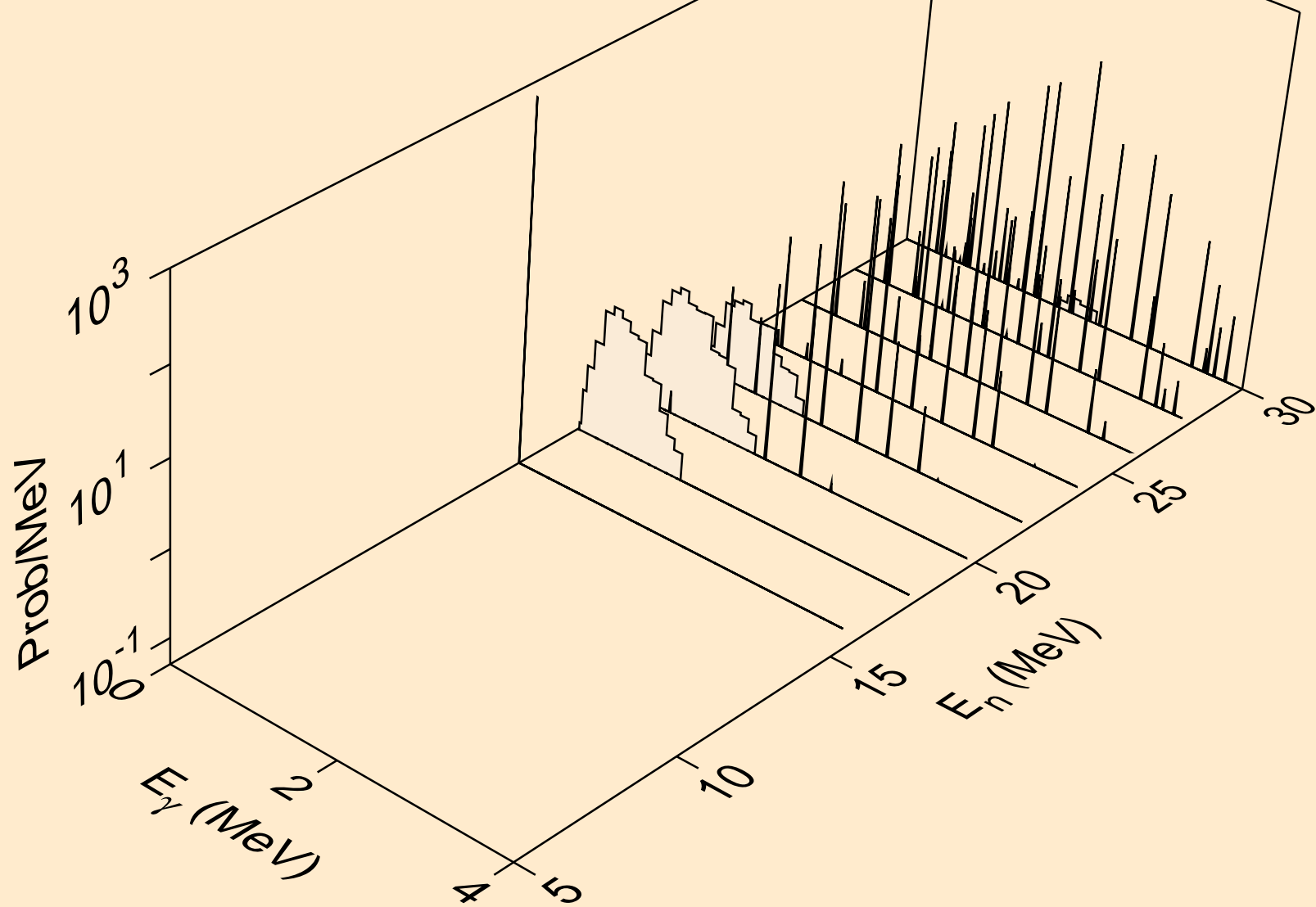
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Photon emission for (n,p $\alpha$ )



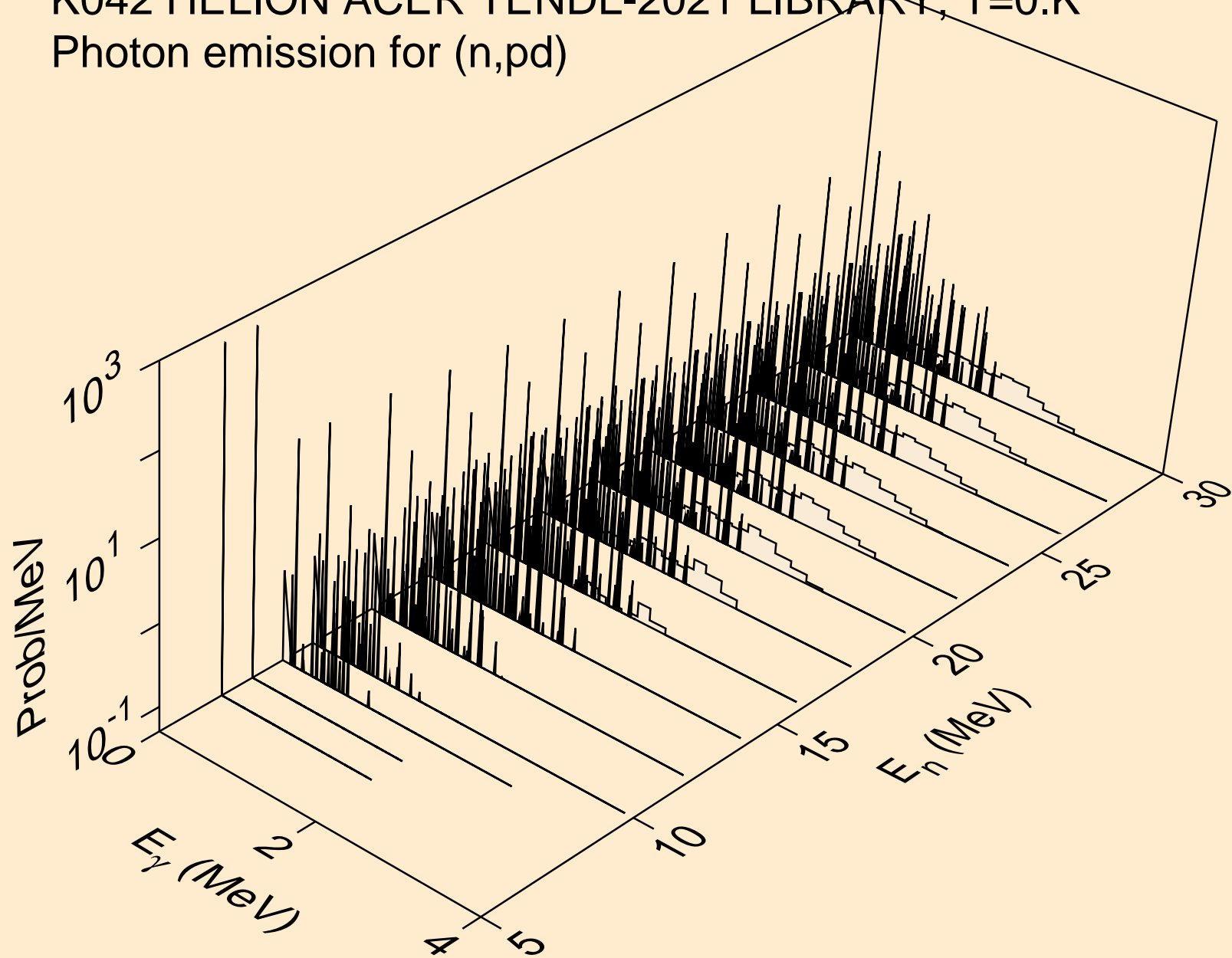
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Photon emission for (n,t2a)



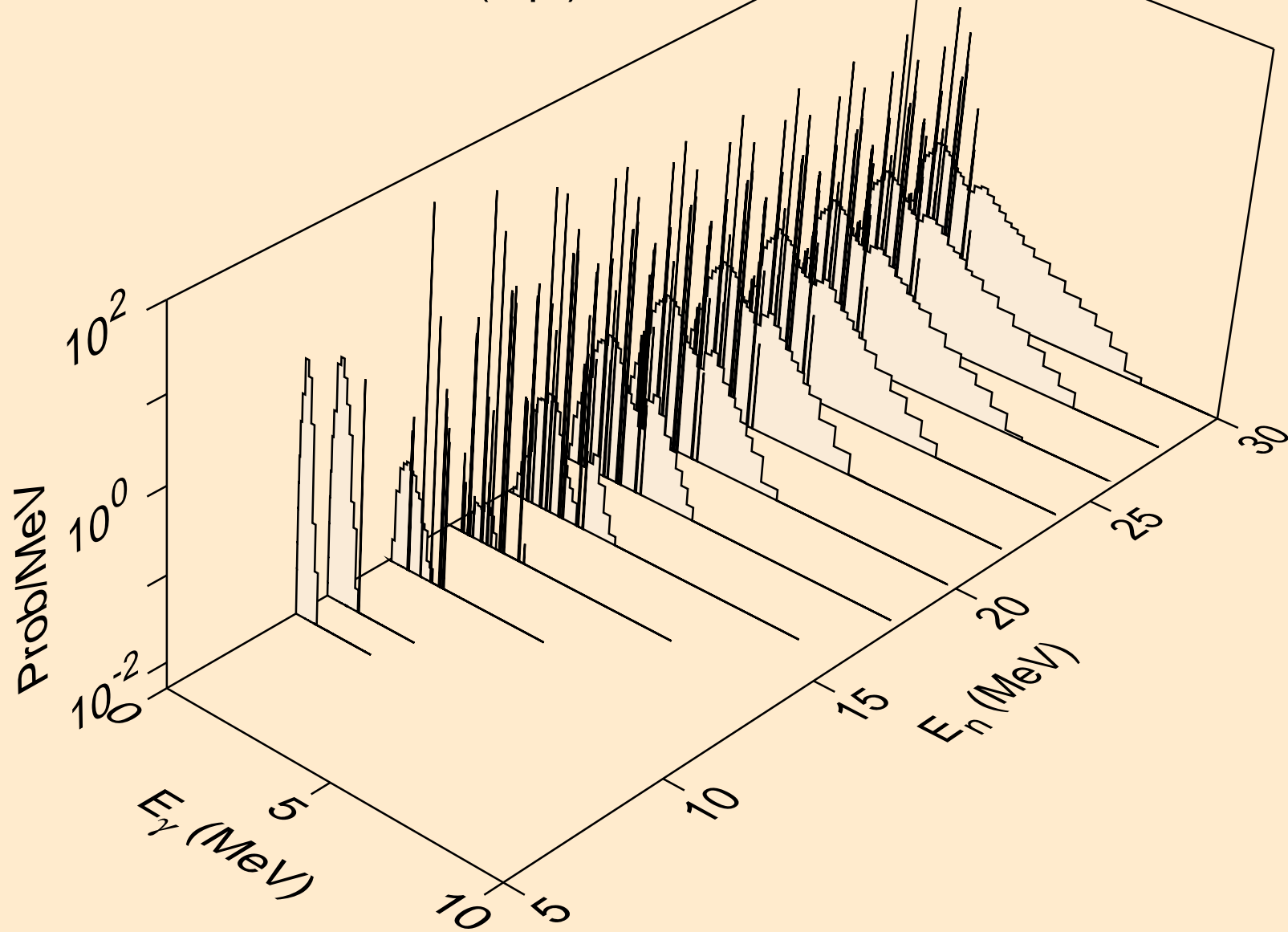
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Photon emission for (n,d2a)



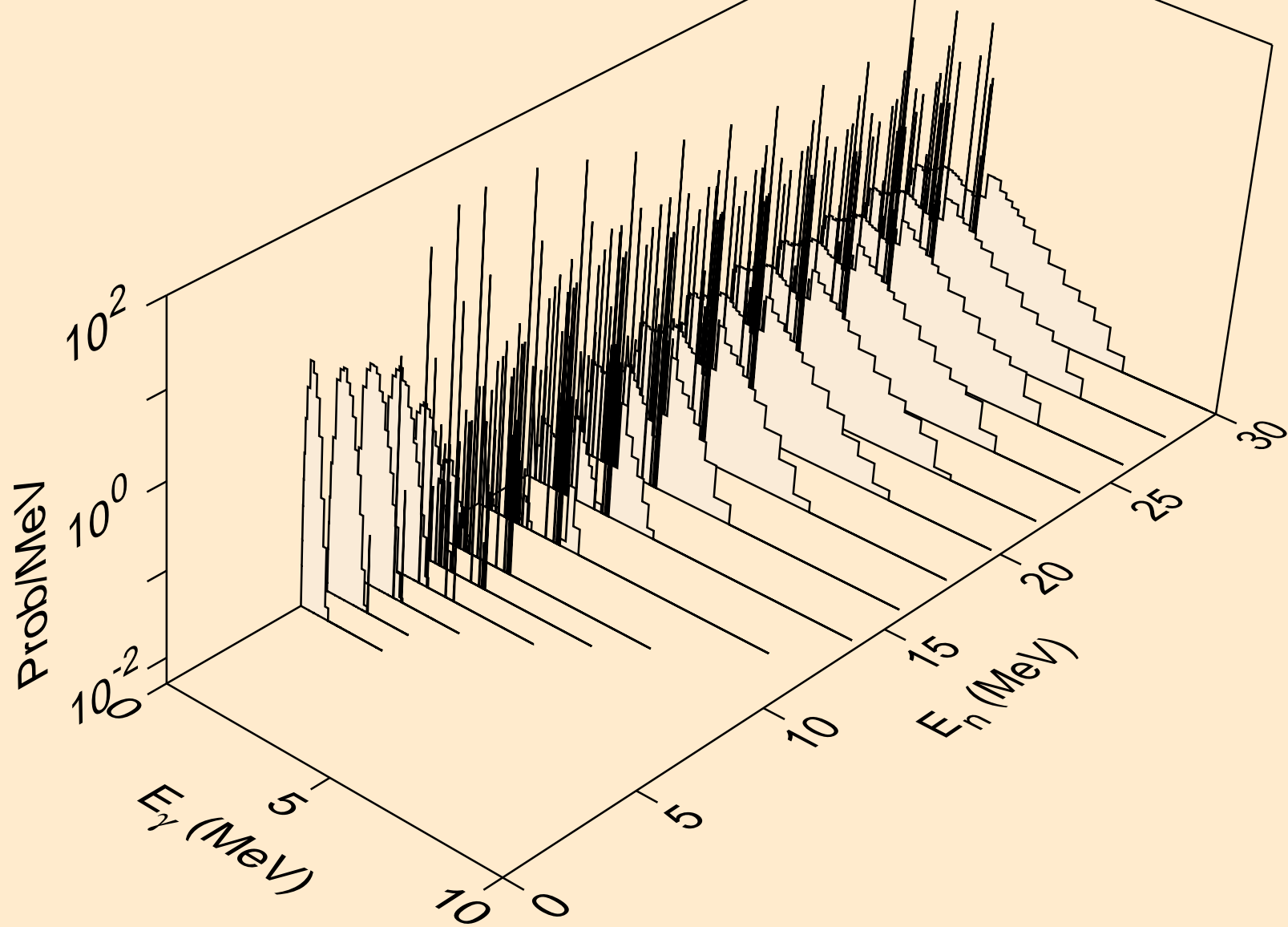
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Photon emission for (n,pd)



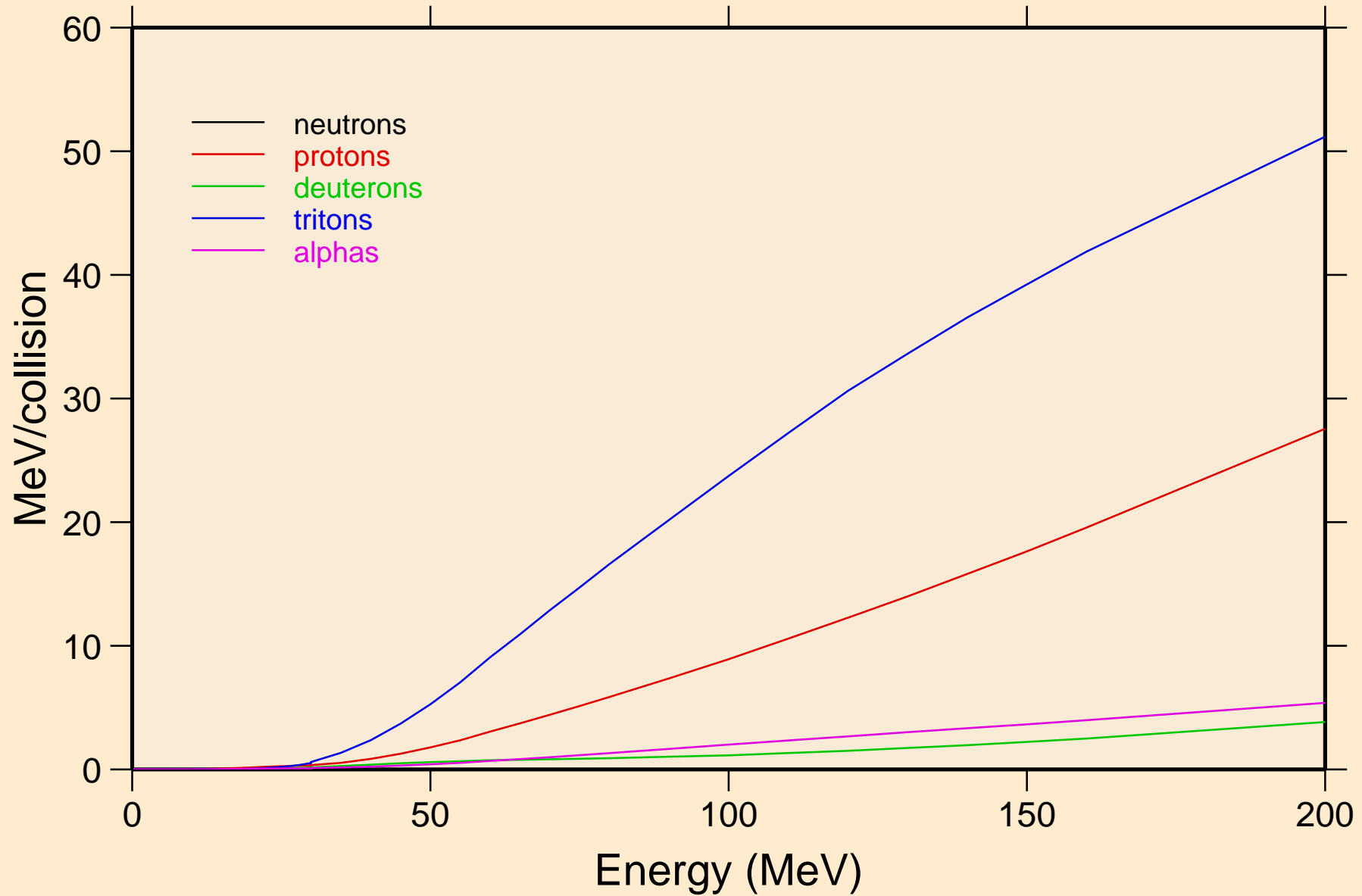
K042 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)



K042 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,da)

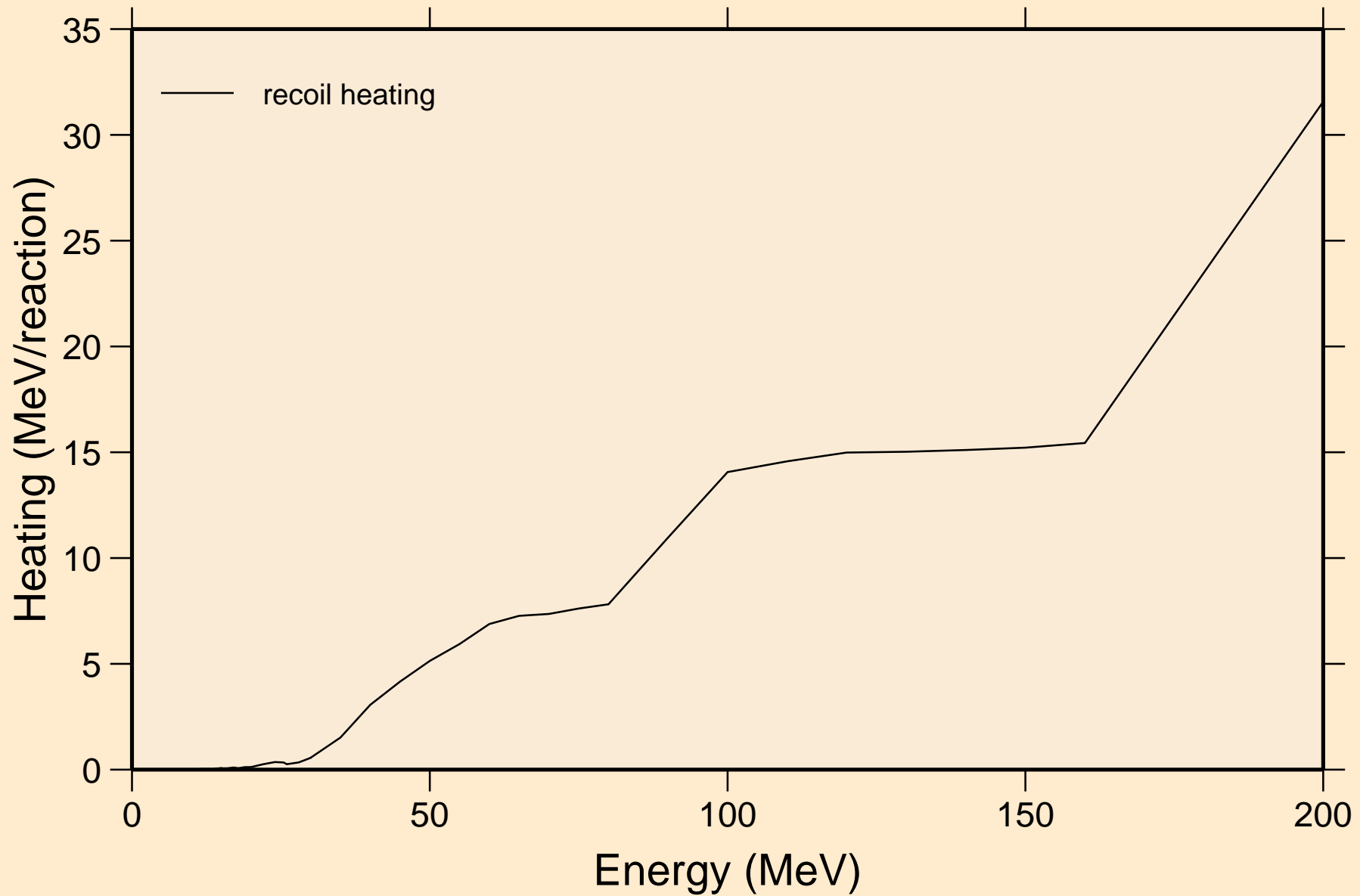


K042 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Particle heating contributions

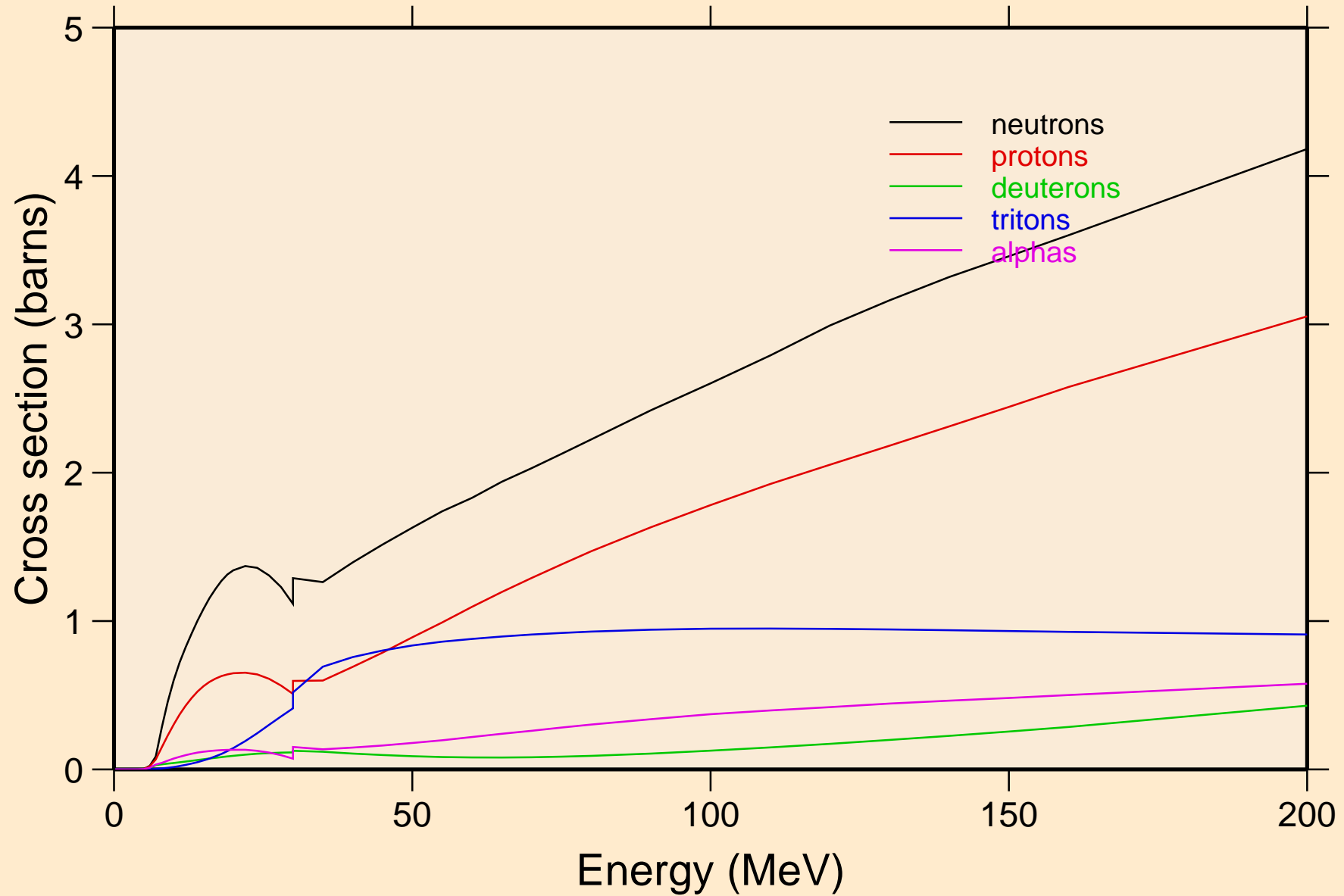




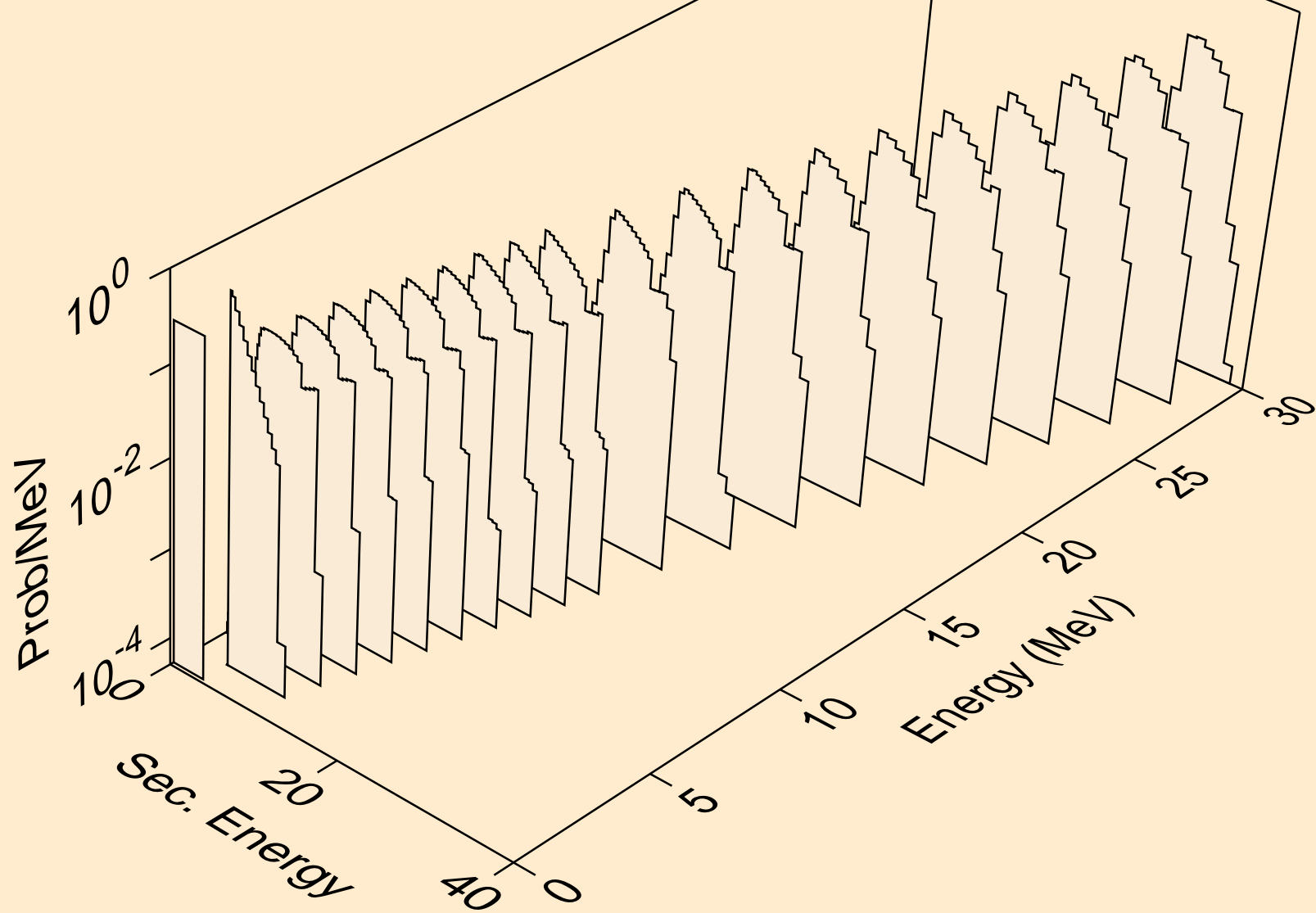
K042 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating



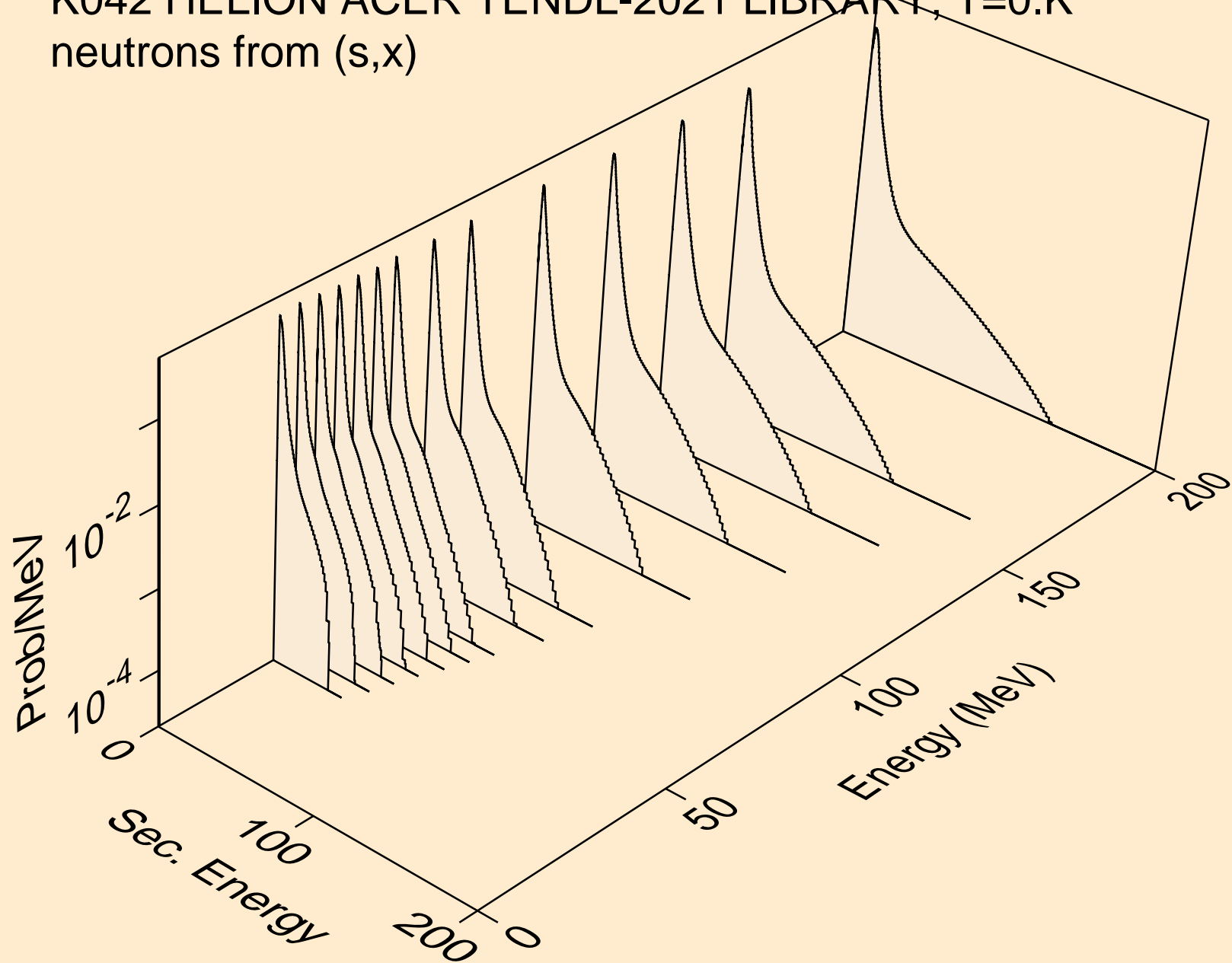
K042 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



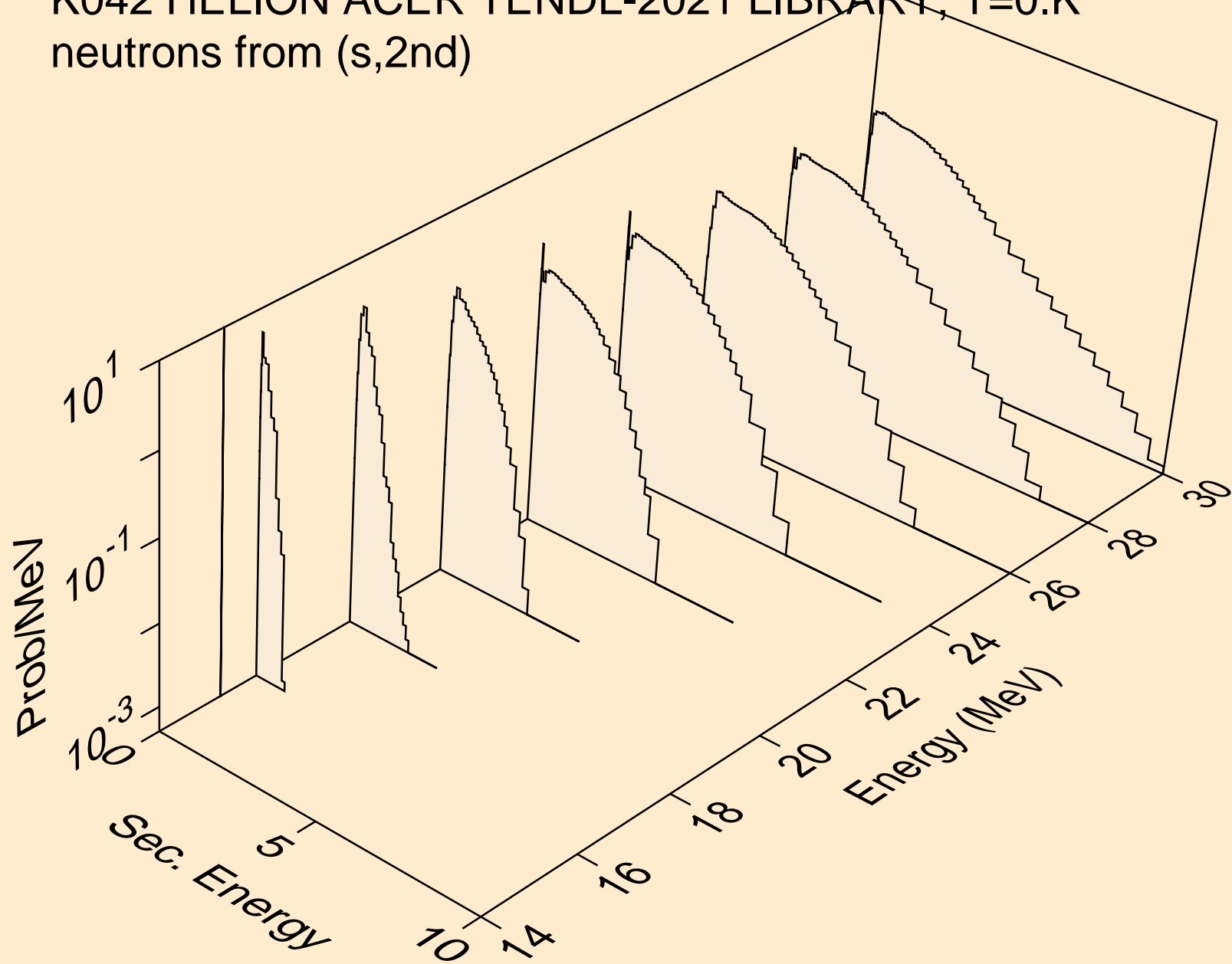
K042 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n)



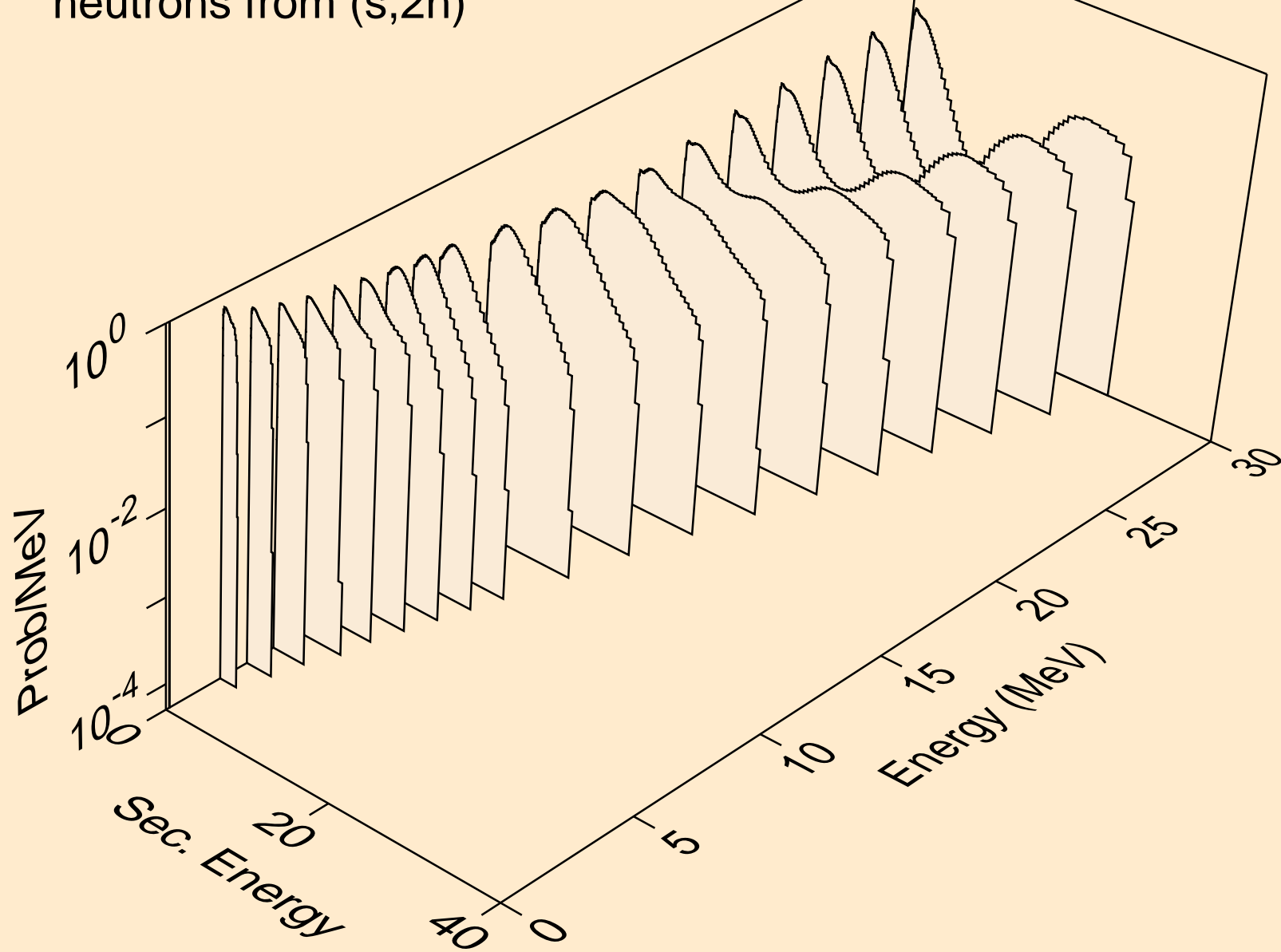
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neutrons from (s,x)



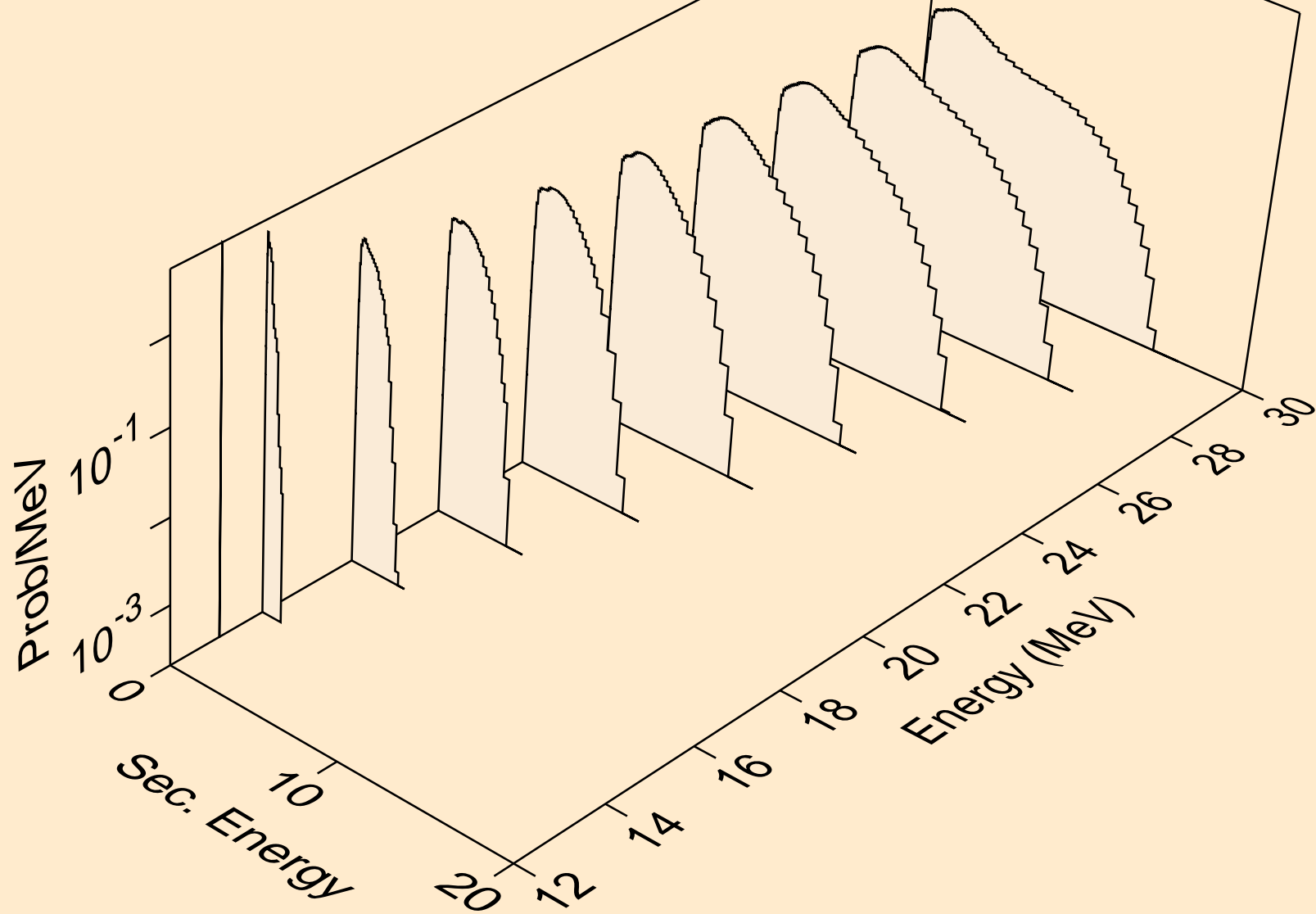
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neutrons from (s,2nd)



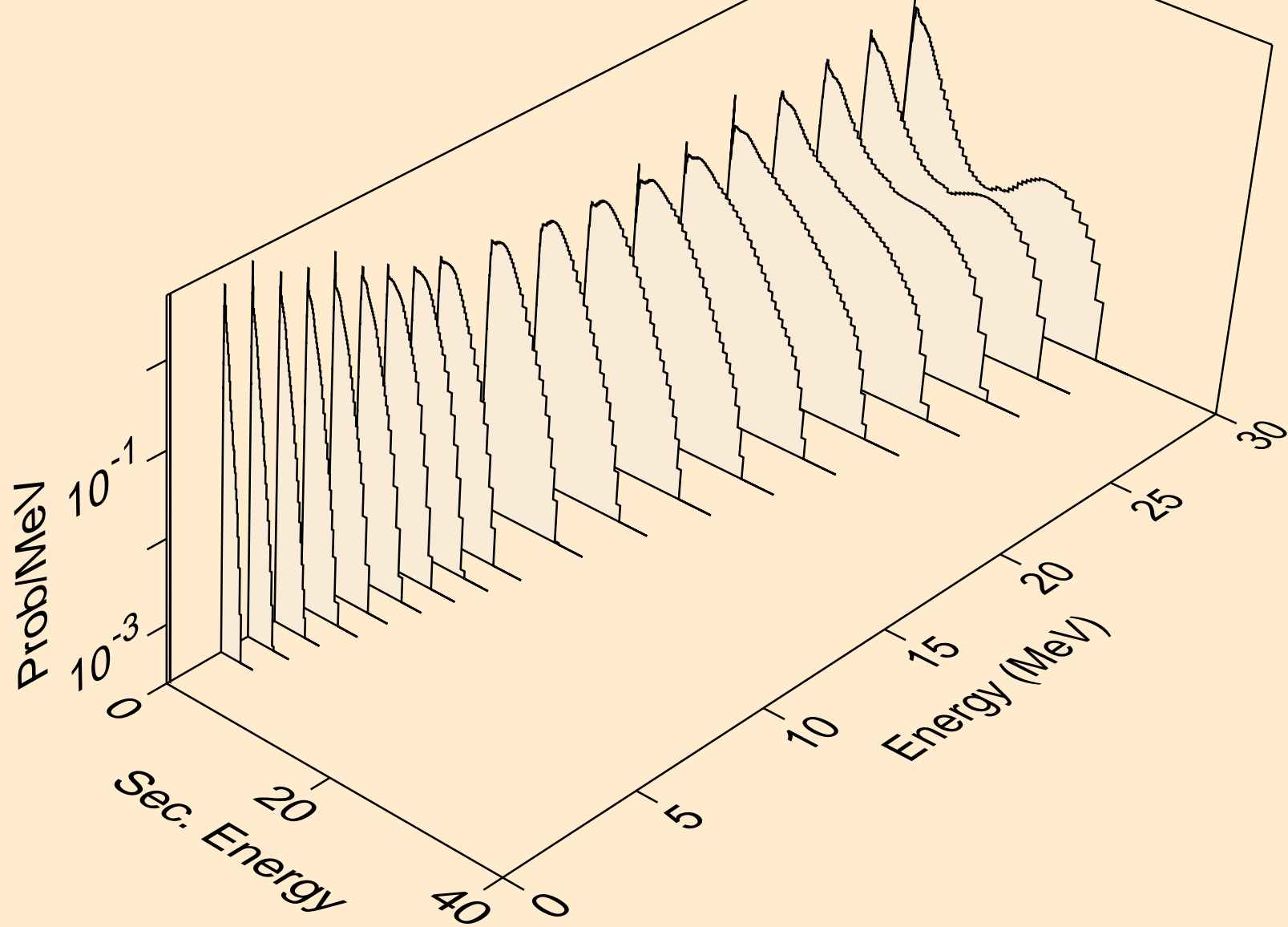
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neutrons from (s,2n)



K042 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3n)

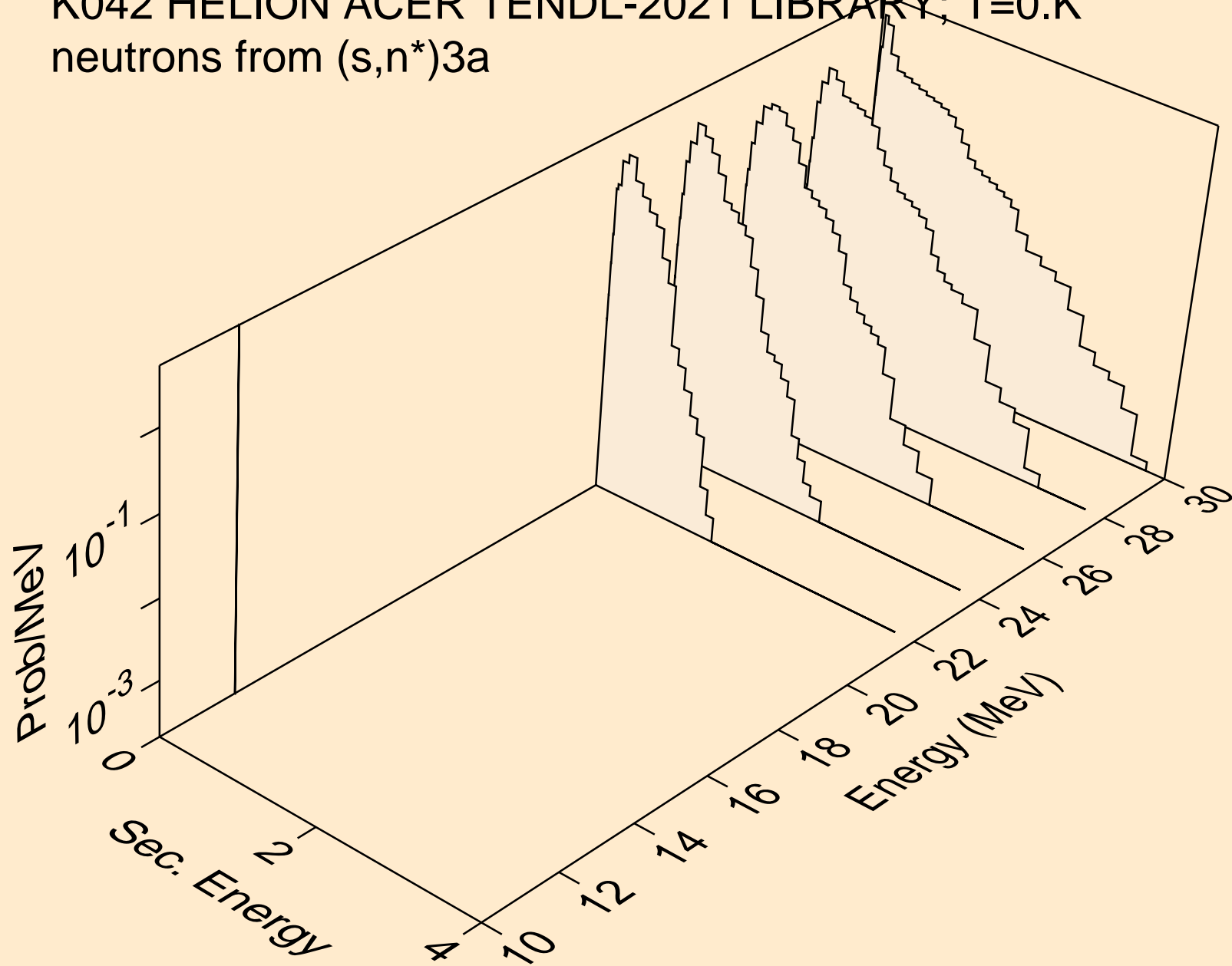


K042 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)a

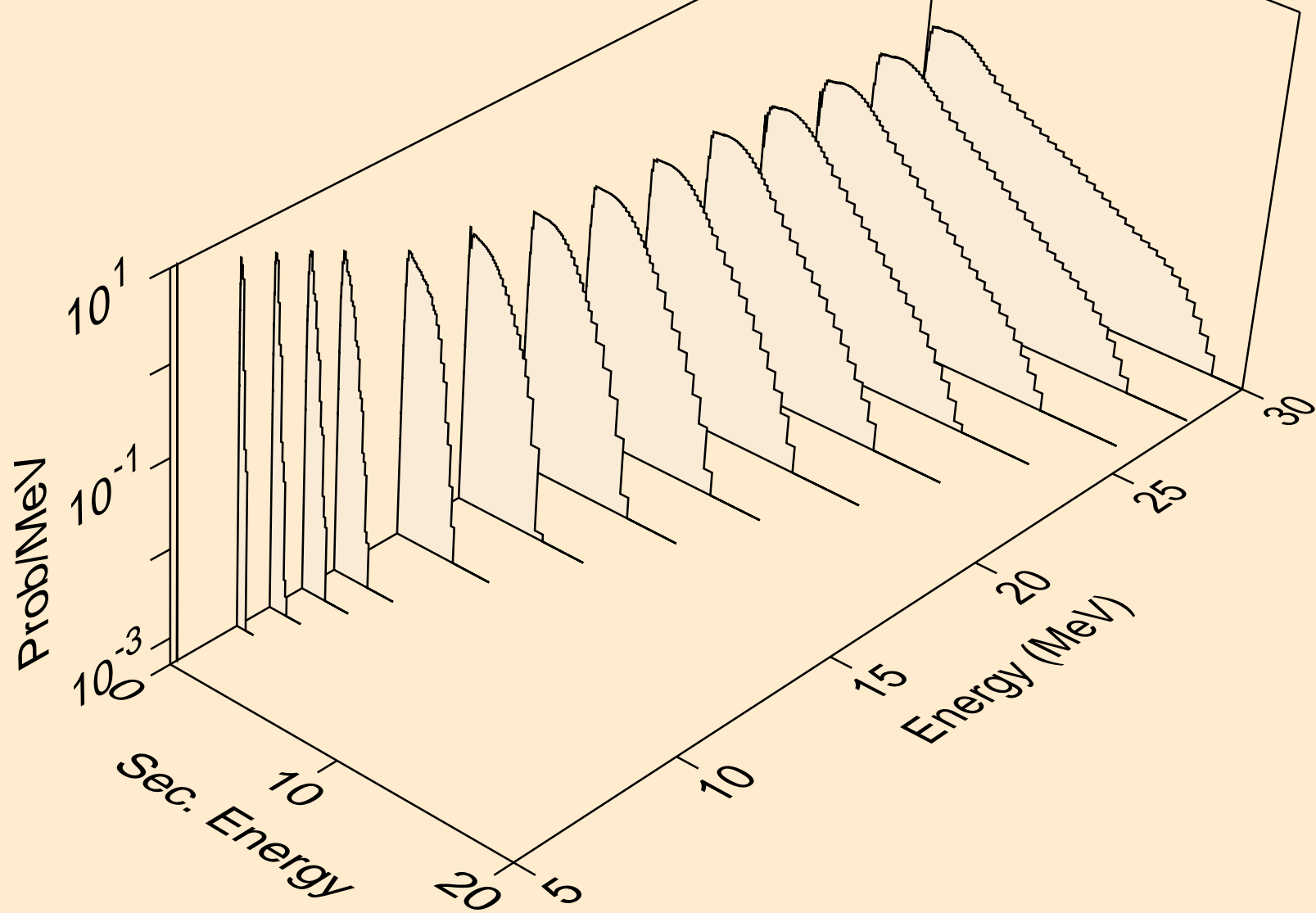




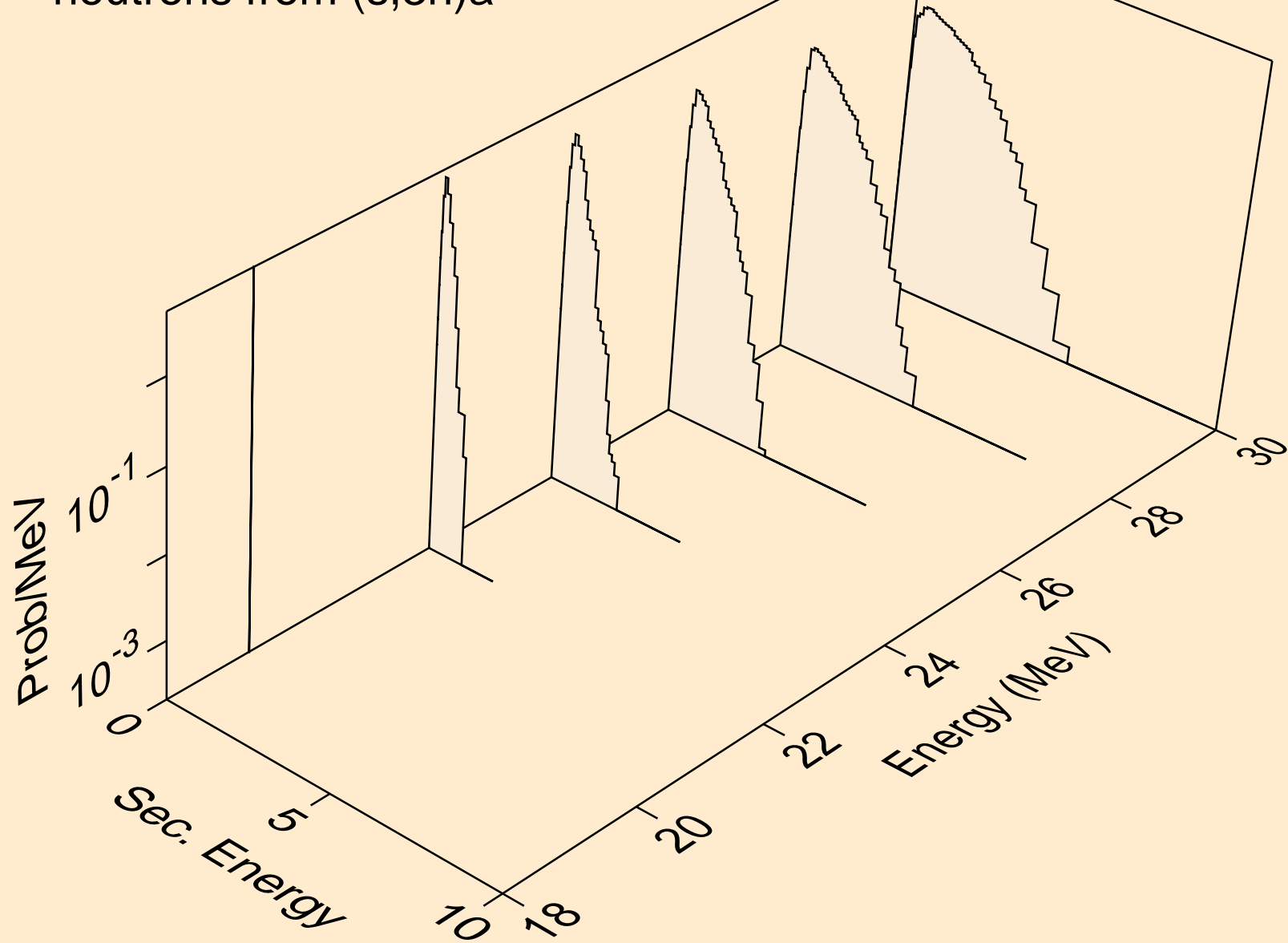
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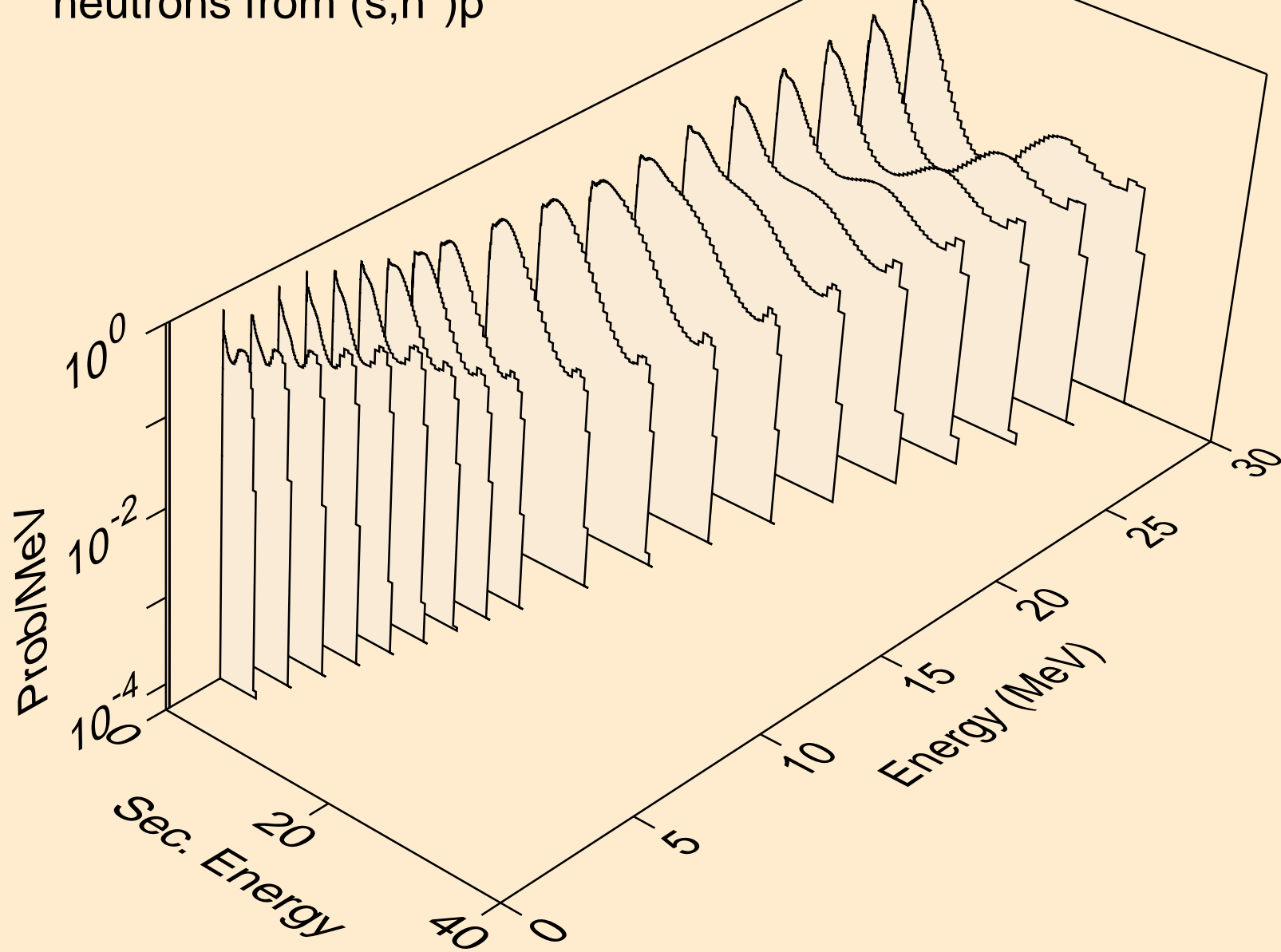
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neutrons from (s,2n)a



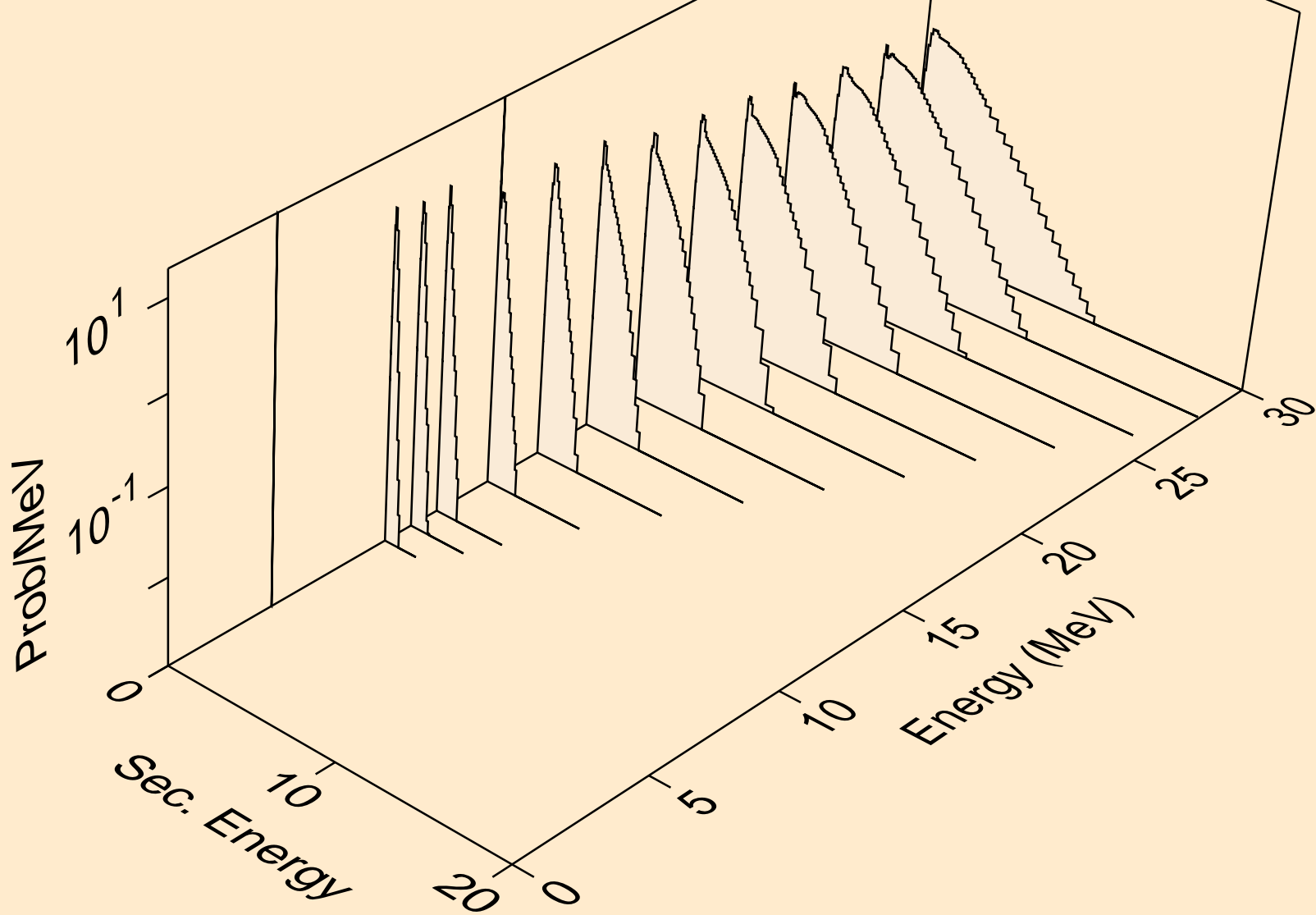
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neutrons from (s,3n)a



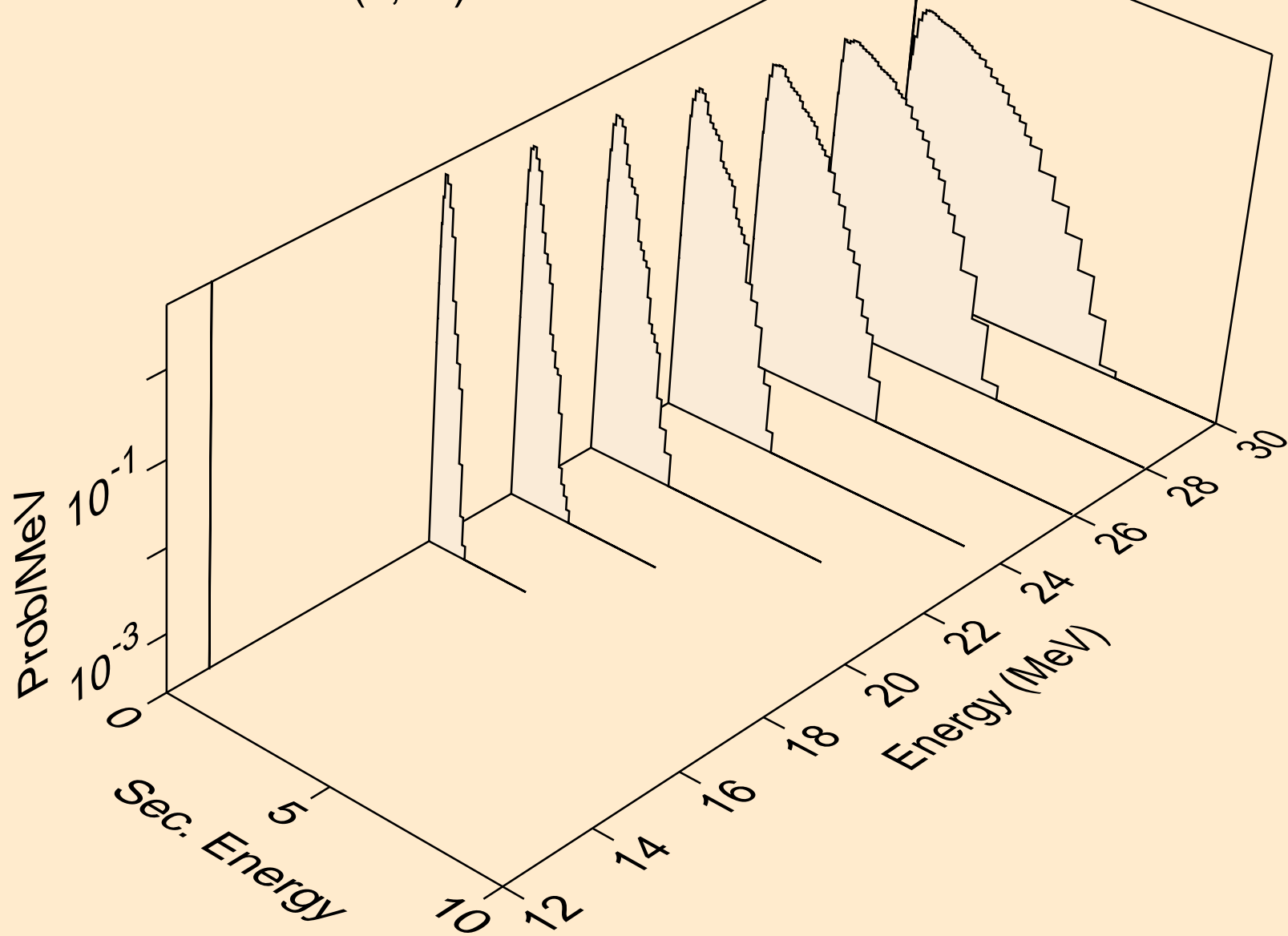
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neutrons from (s,n\*)p



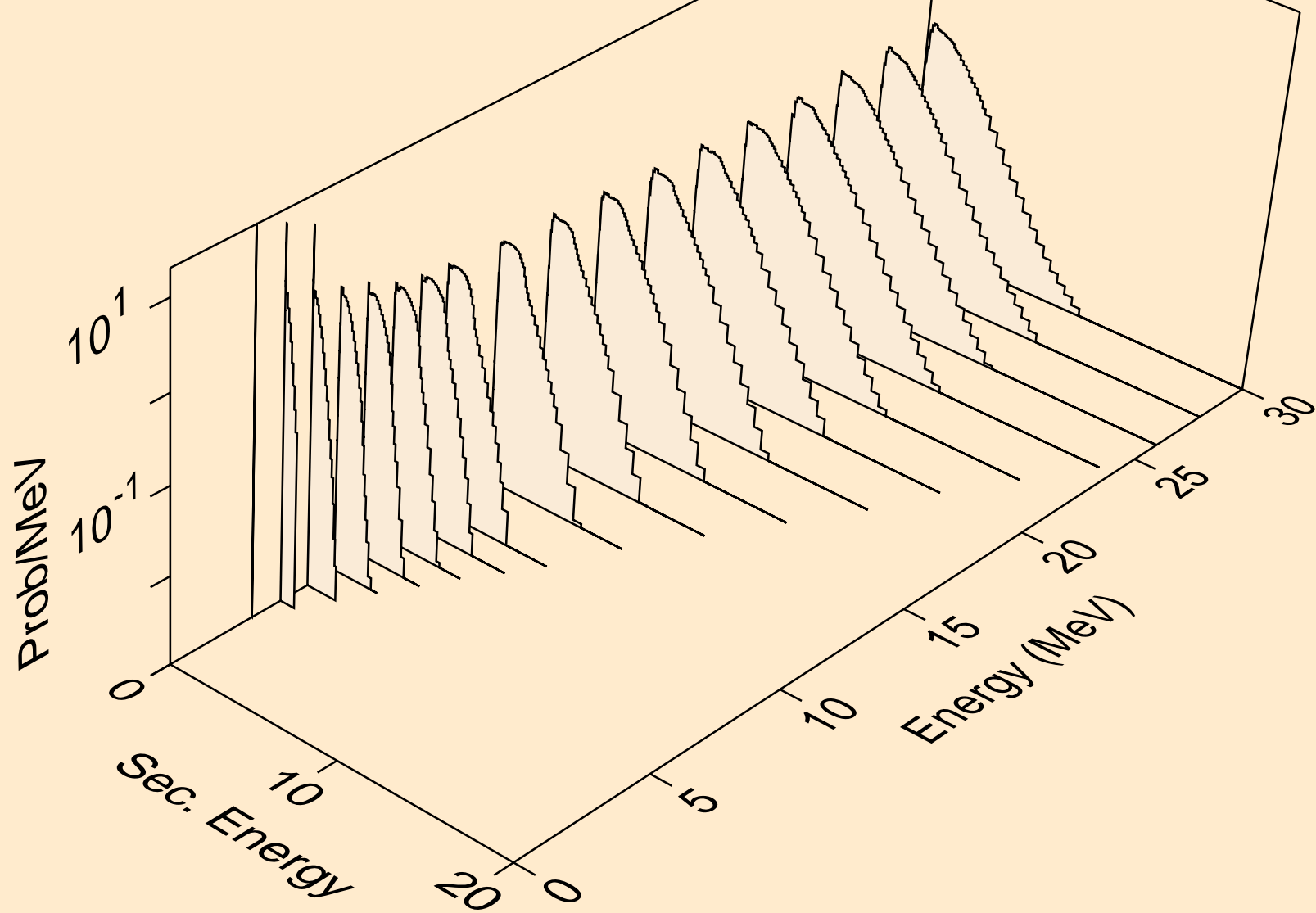
K042 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)2a



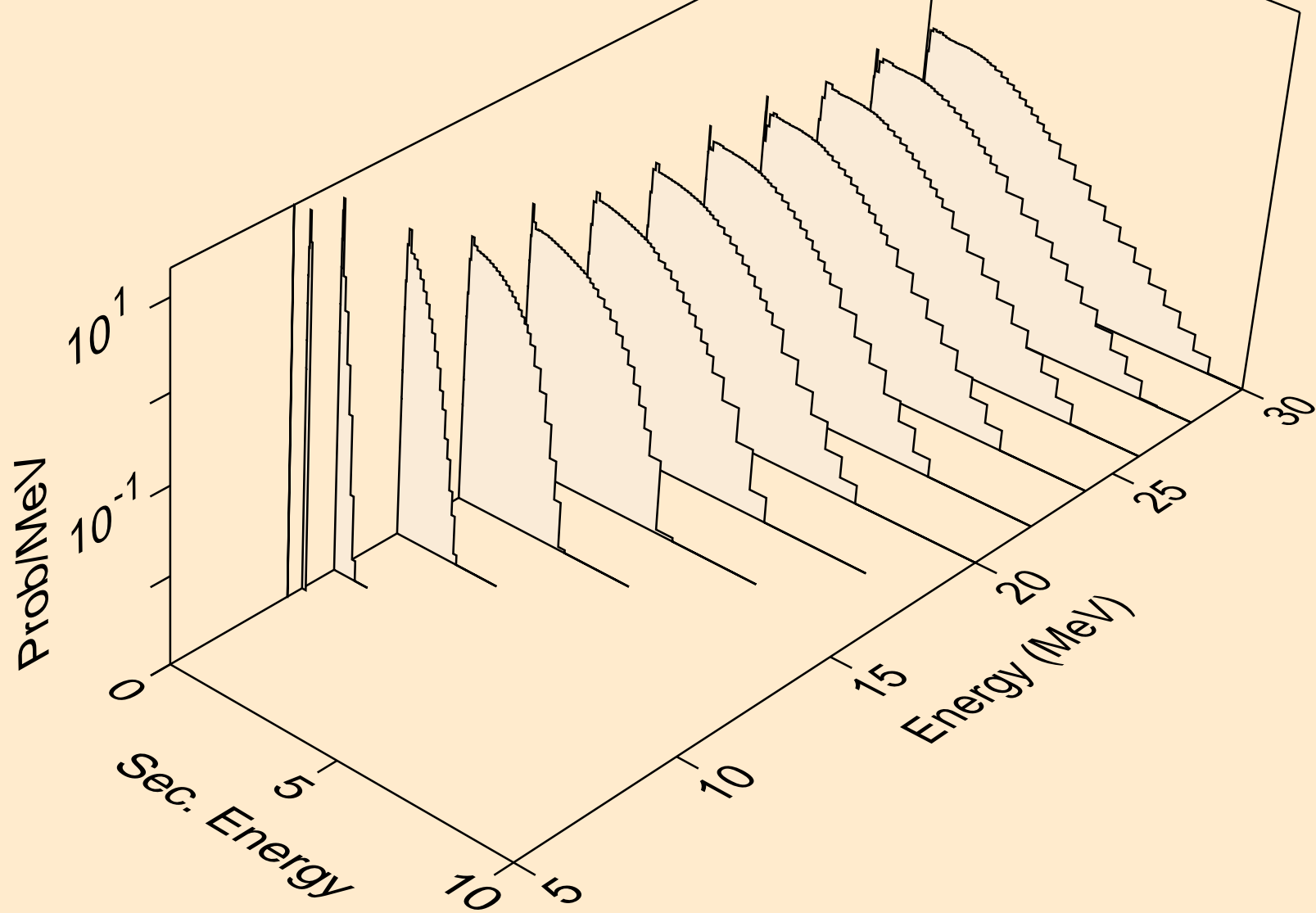
K042 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)2a



K042 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)d

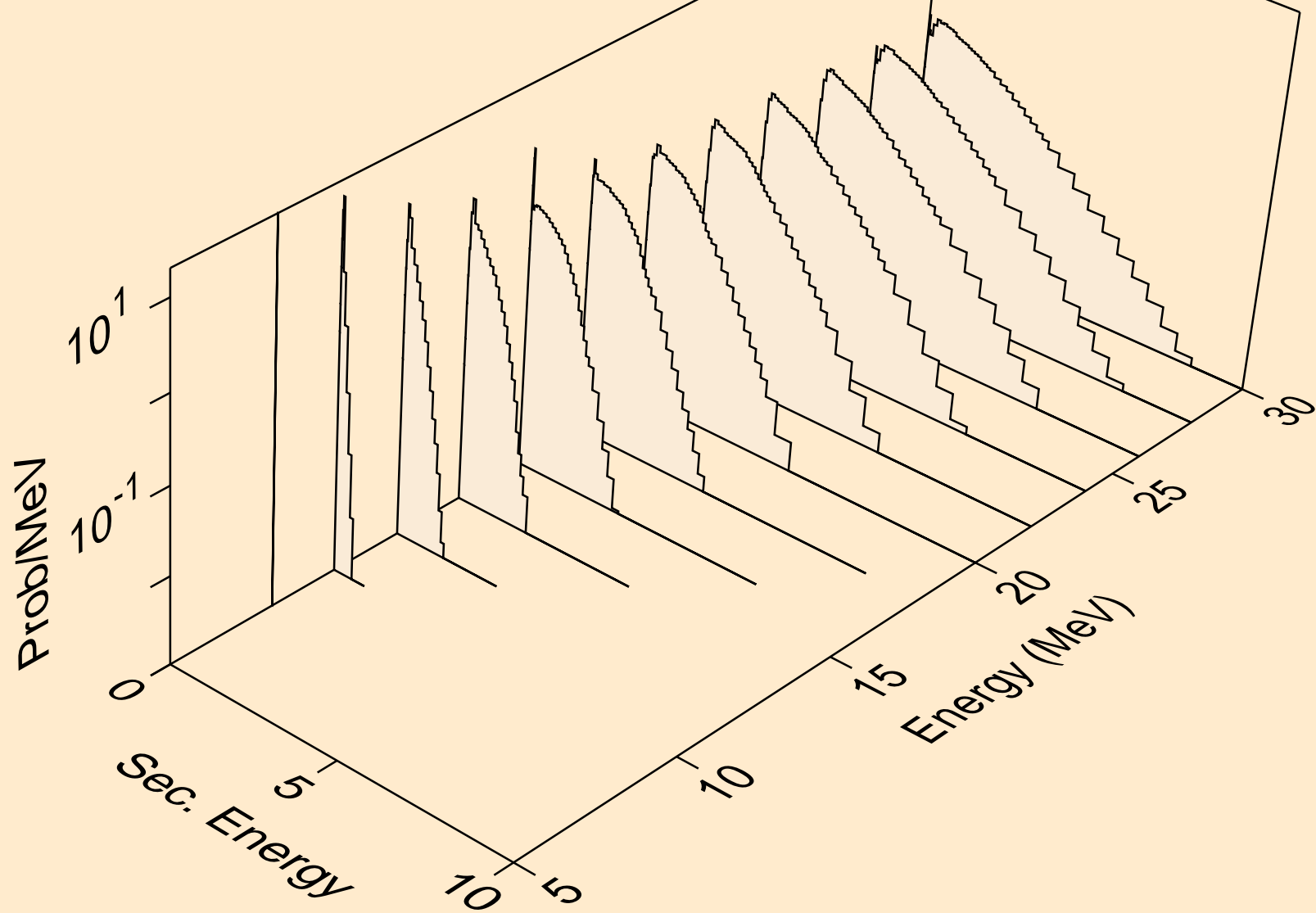


K042 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)t

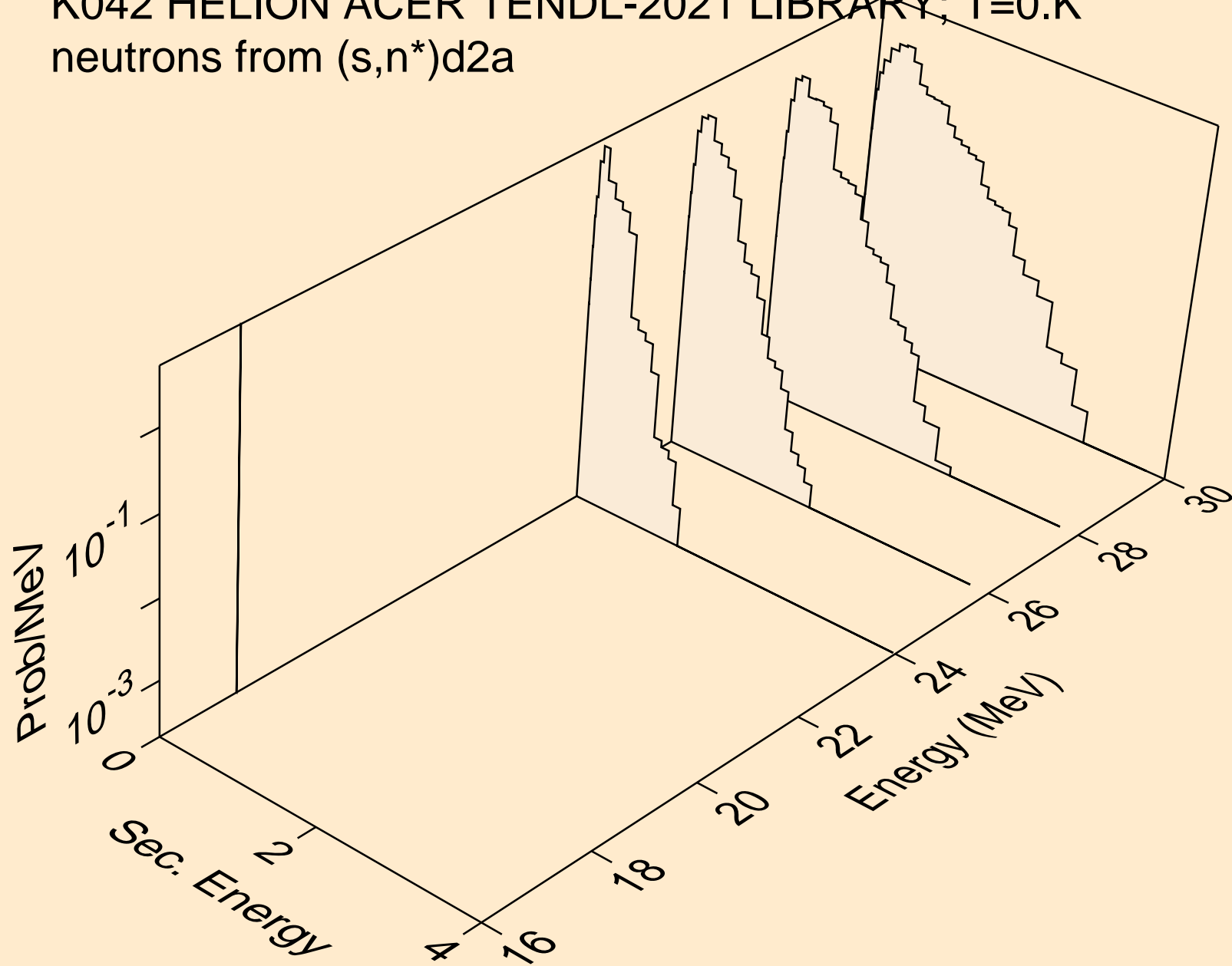




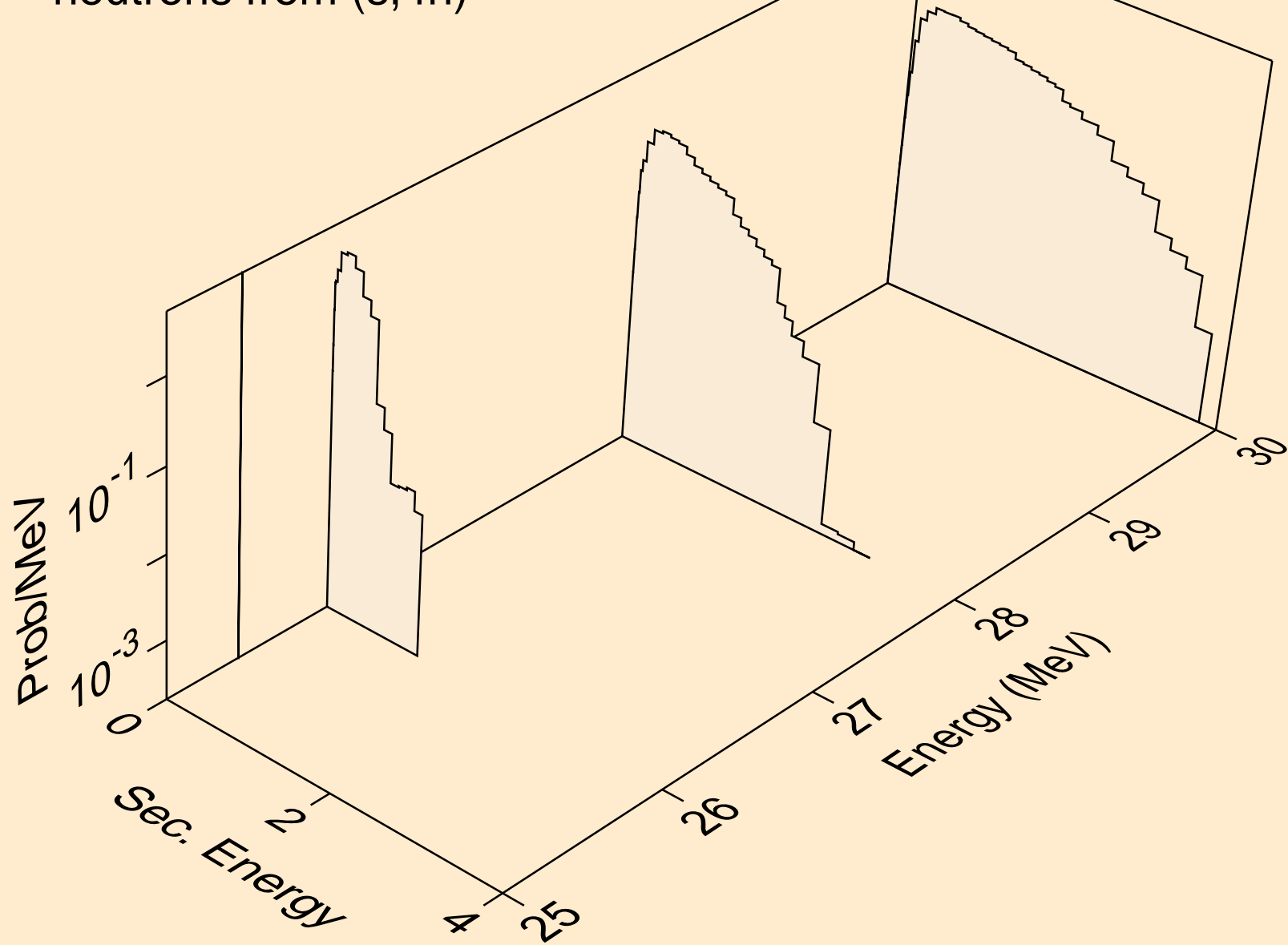
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neutrons from (s,n\*)he3



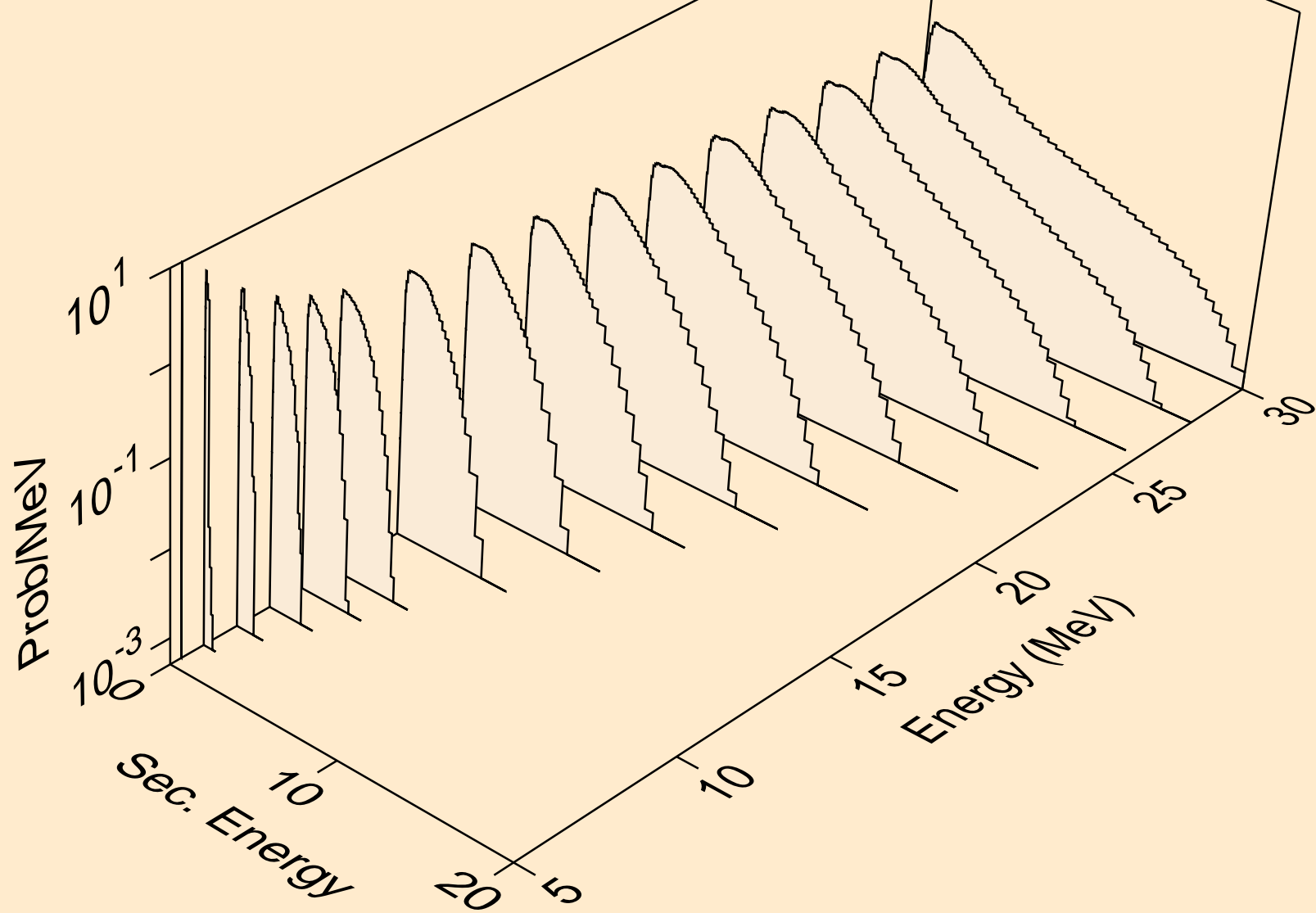
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neutrons from (s,n\*)d2a



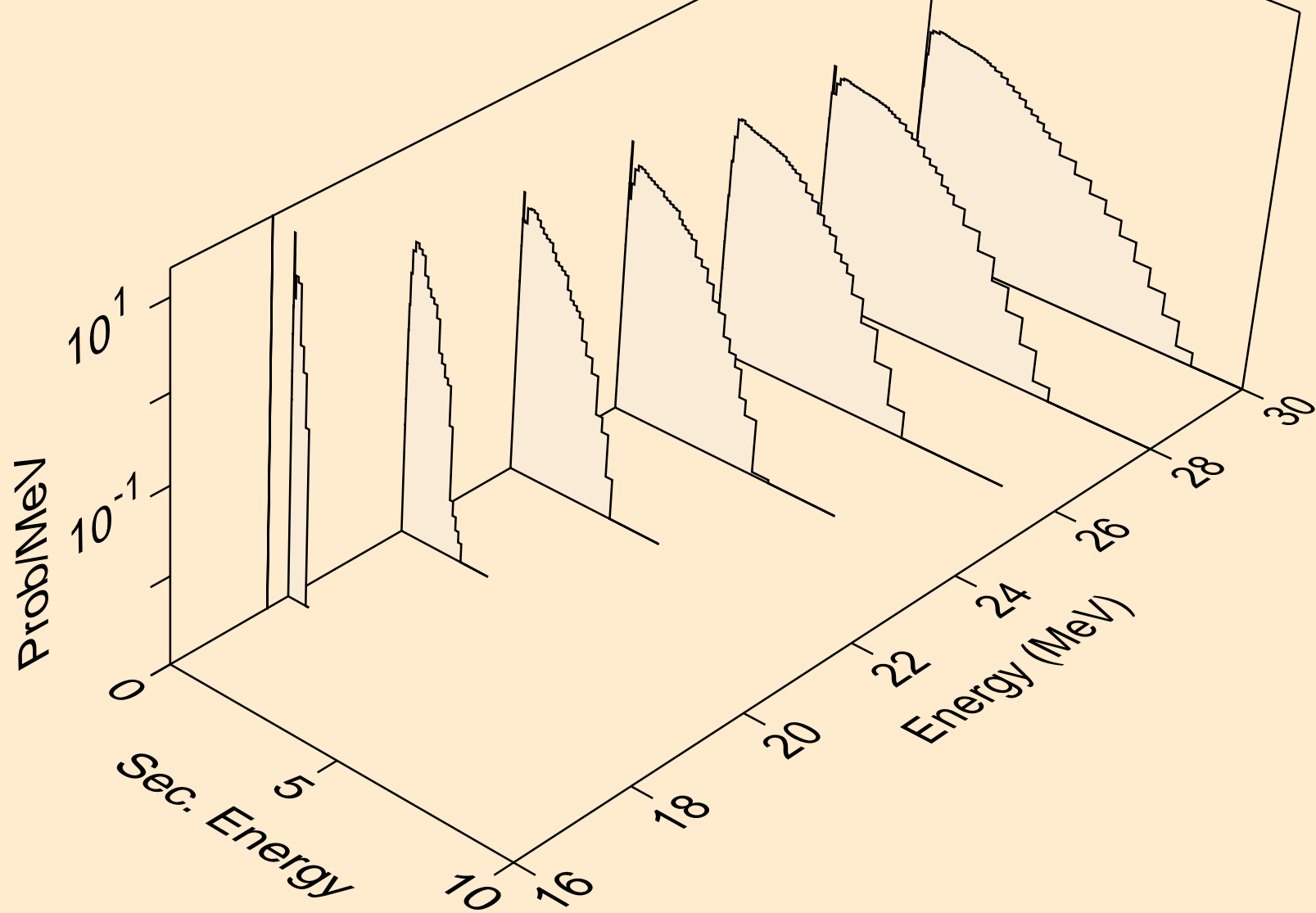
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neutrons from (s,4n)



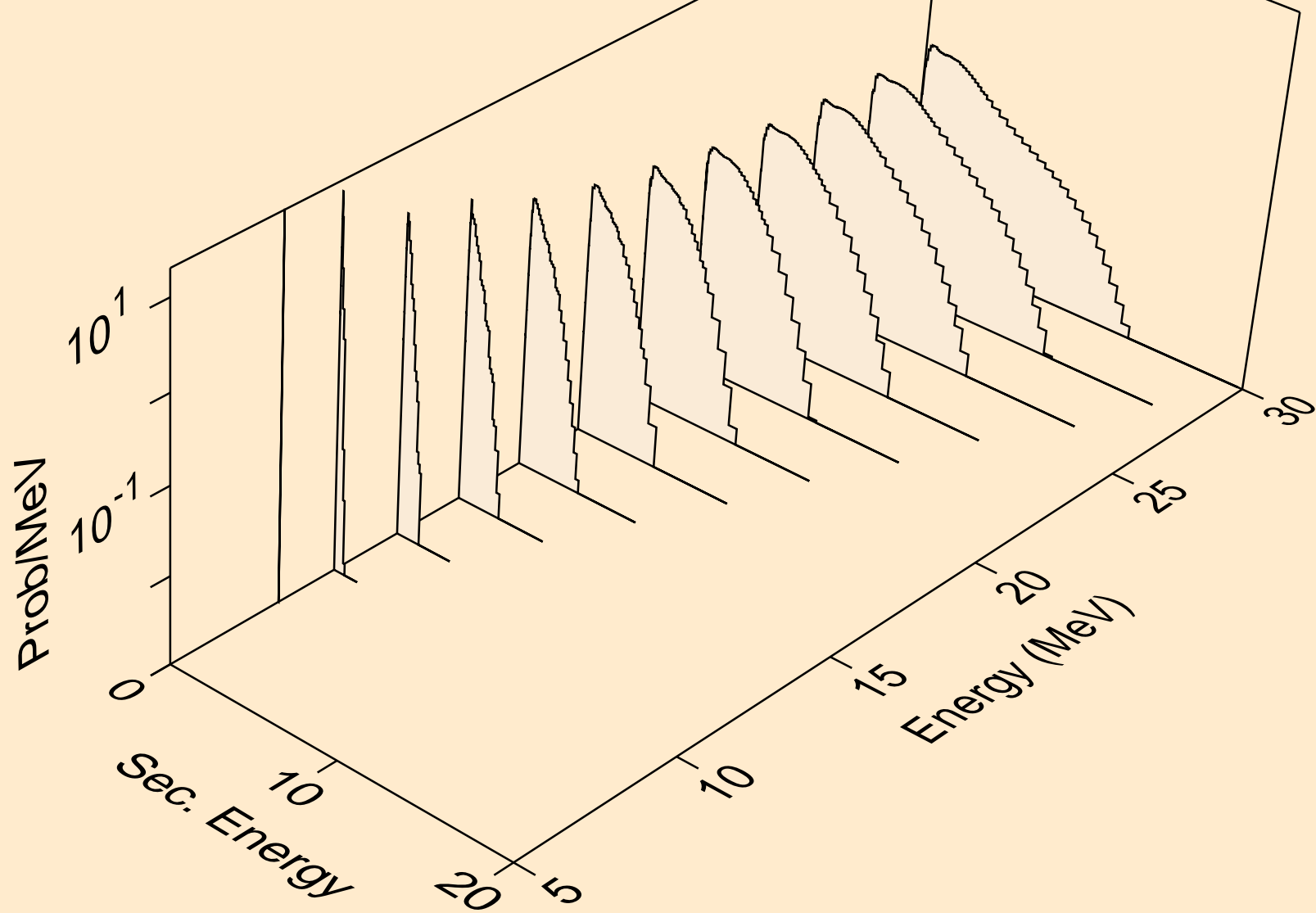
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neutrons from (s,2np)



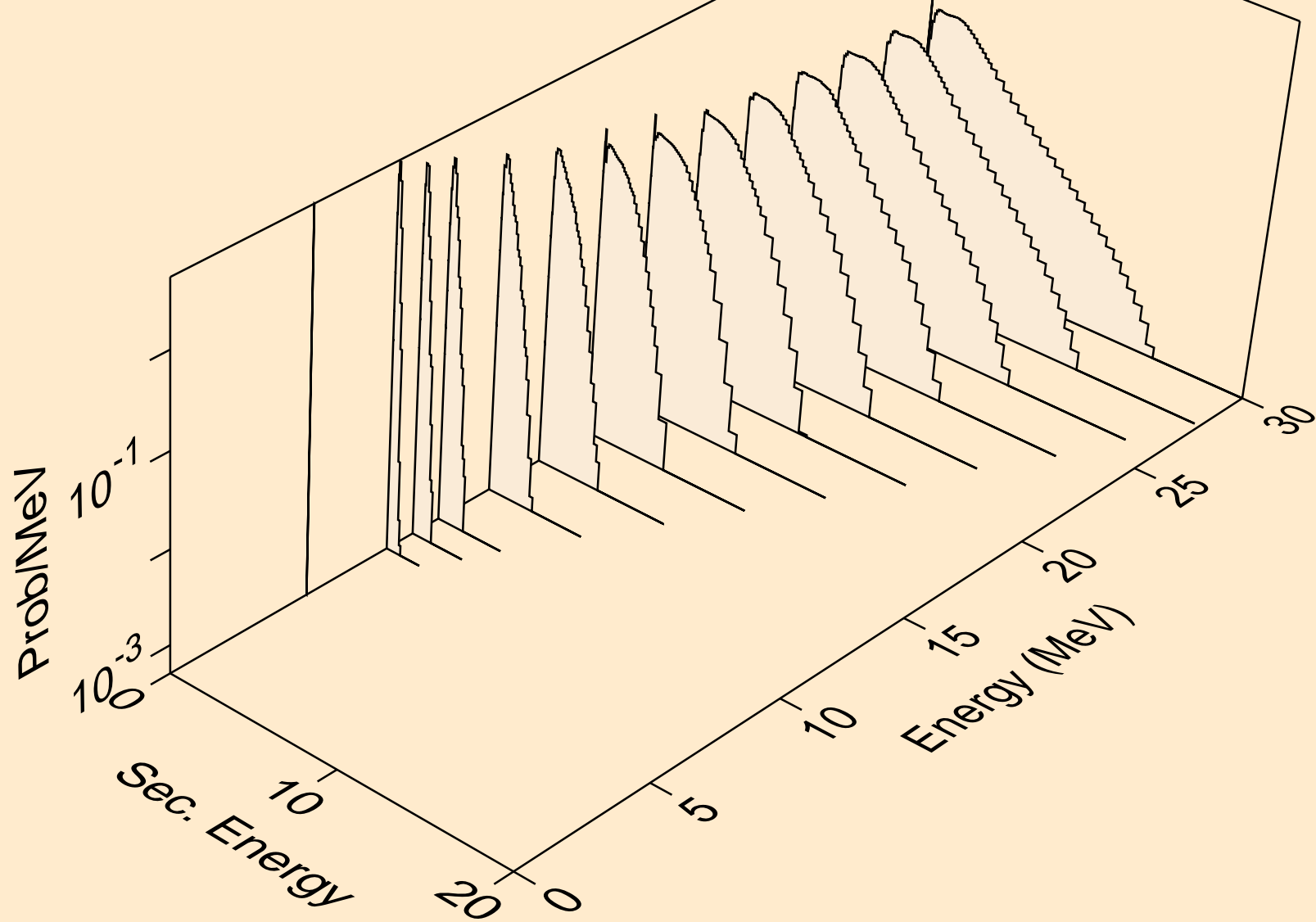
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neutrons from (s,3np)



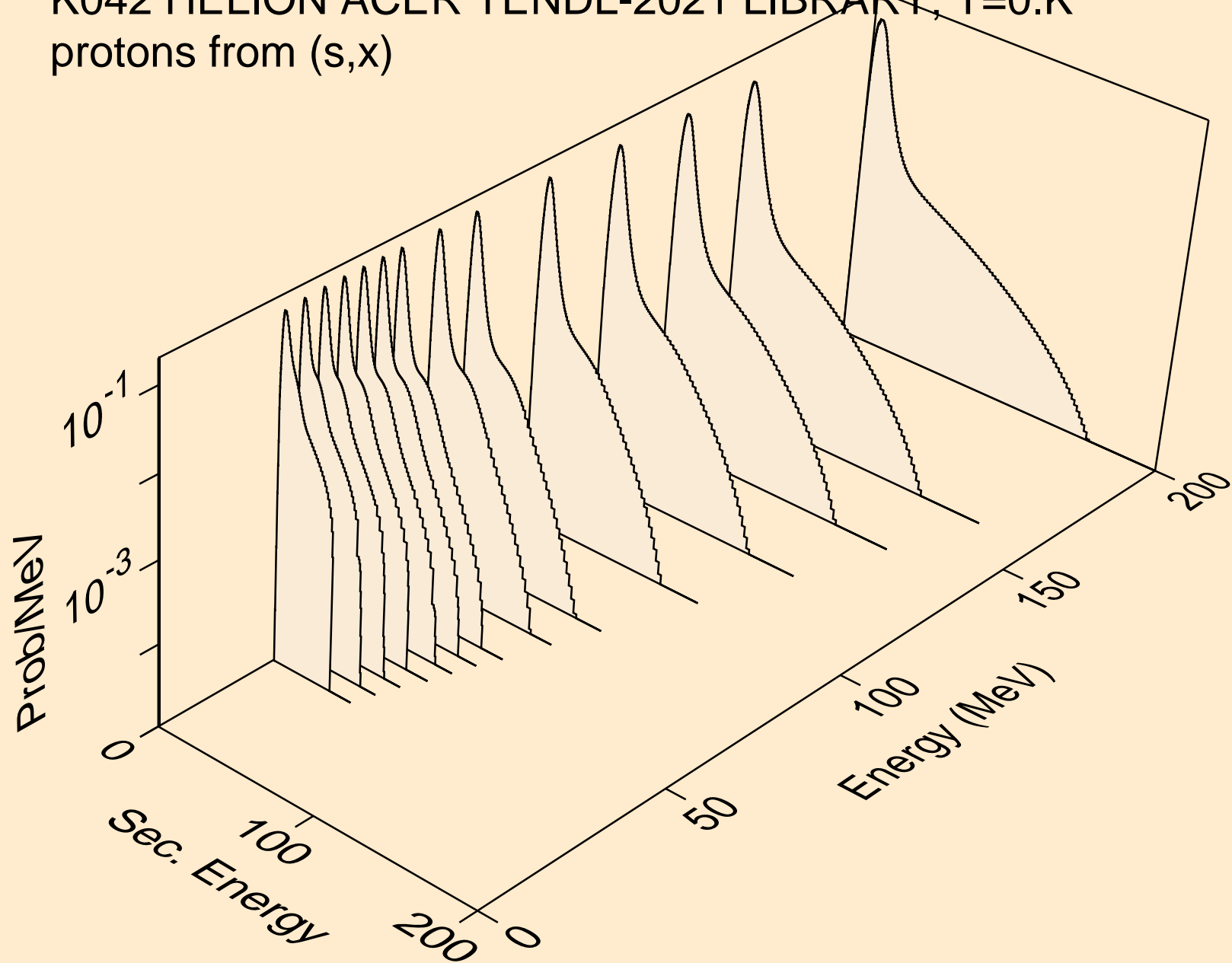
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neutrons from (s,2np)



K042 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,npa)

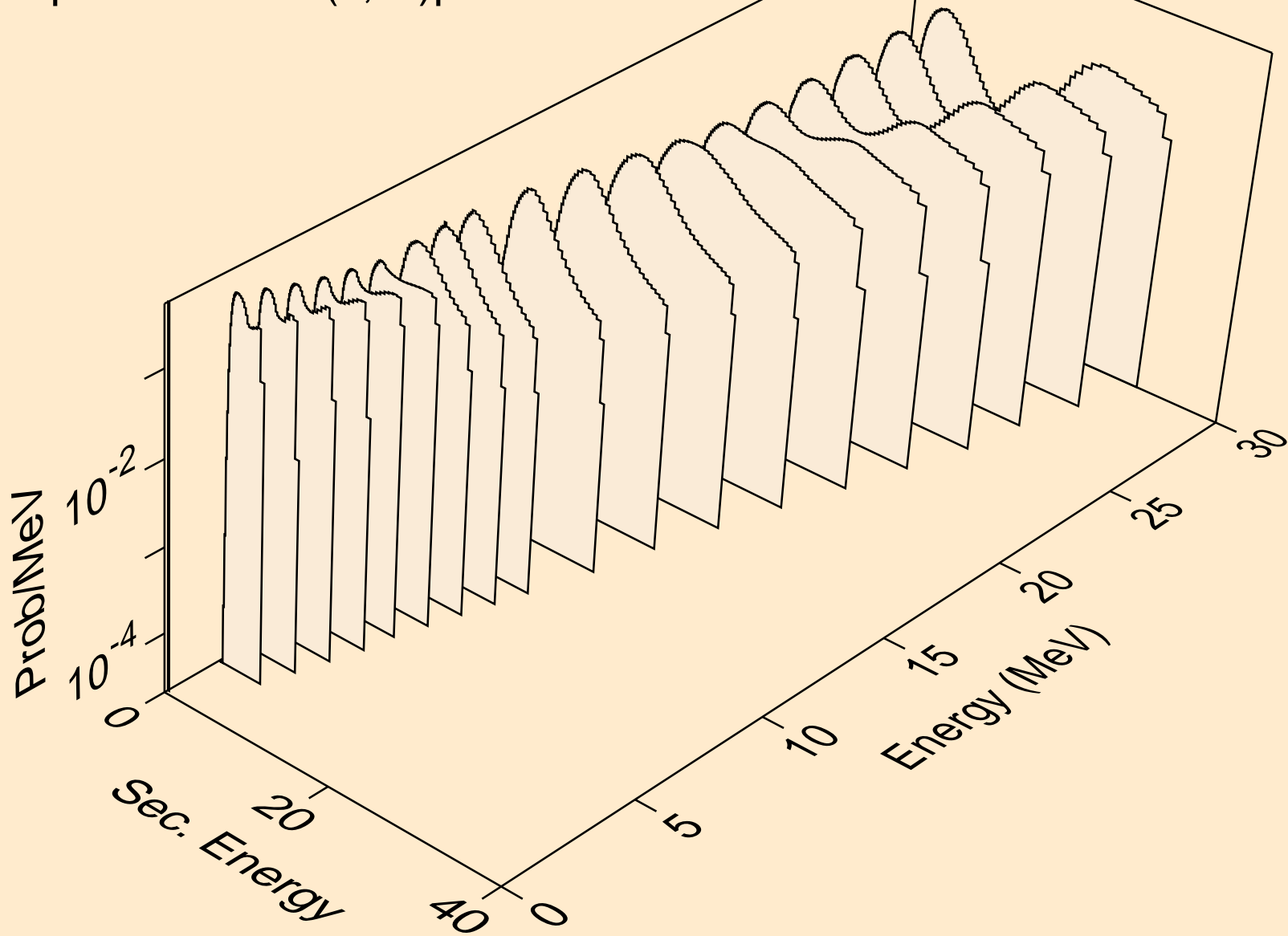


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protons from (s,x)

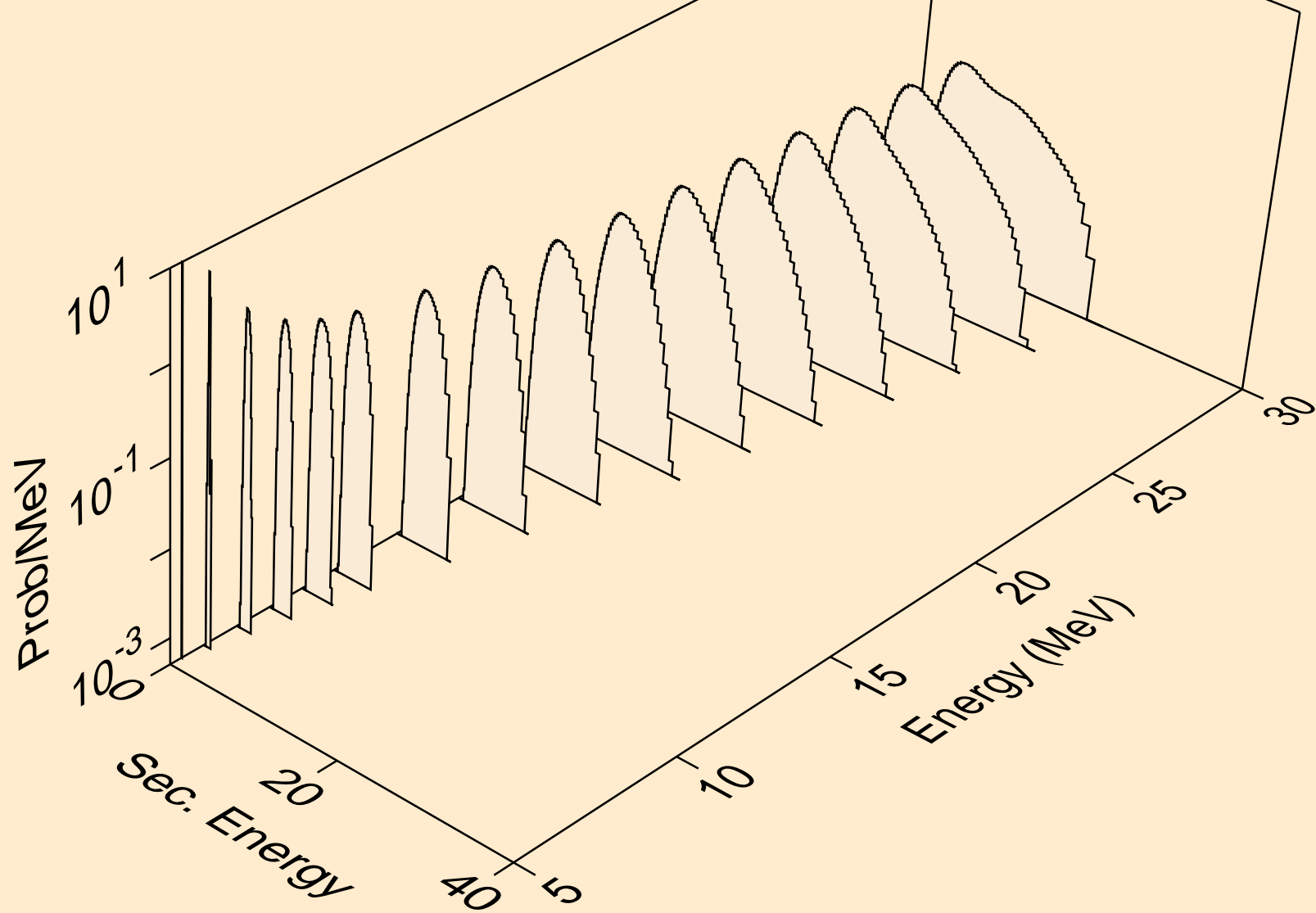




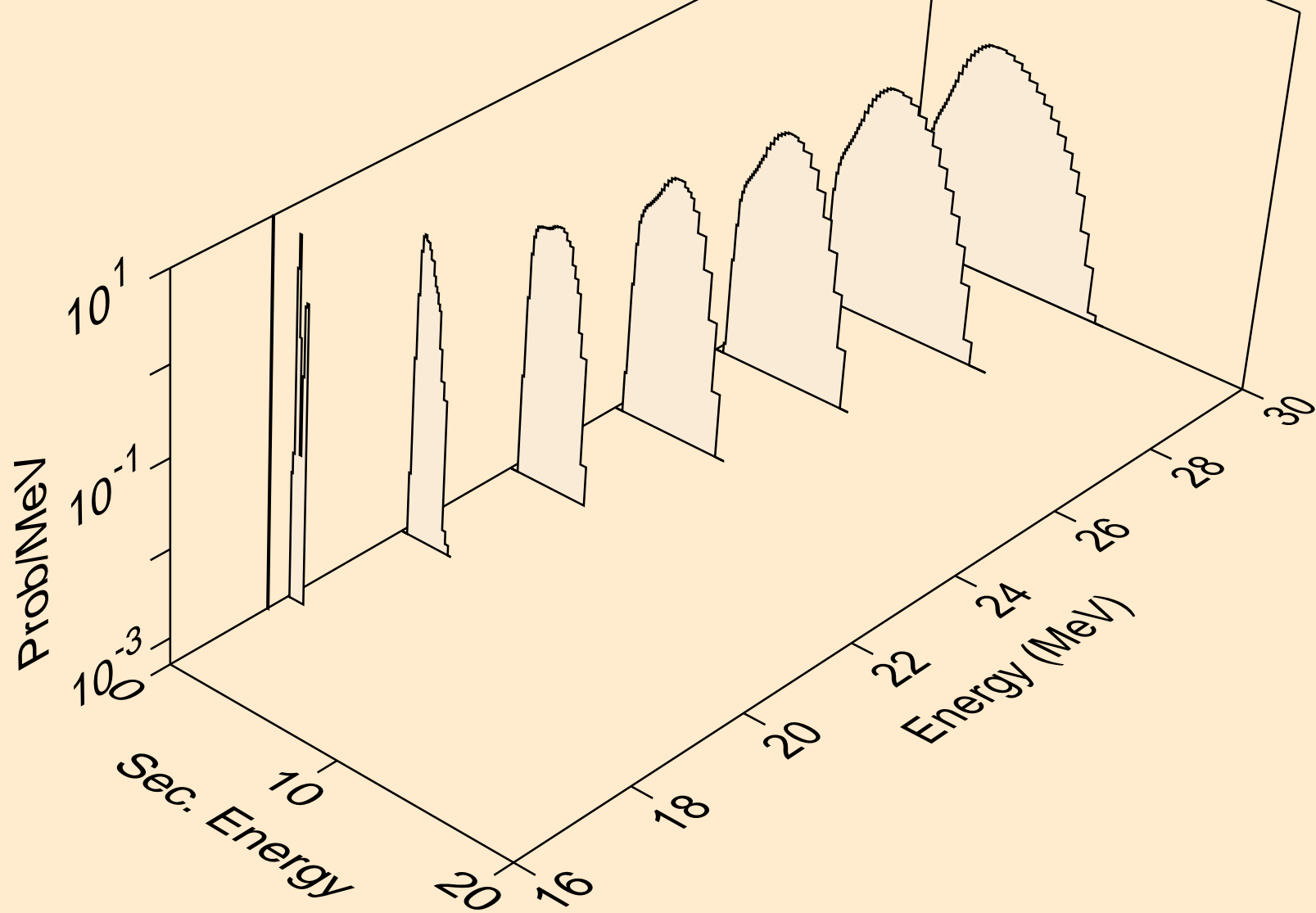
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protons from (s,n\*)p



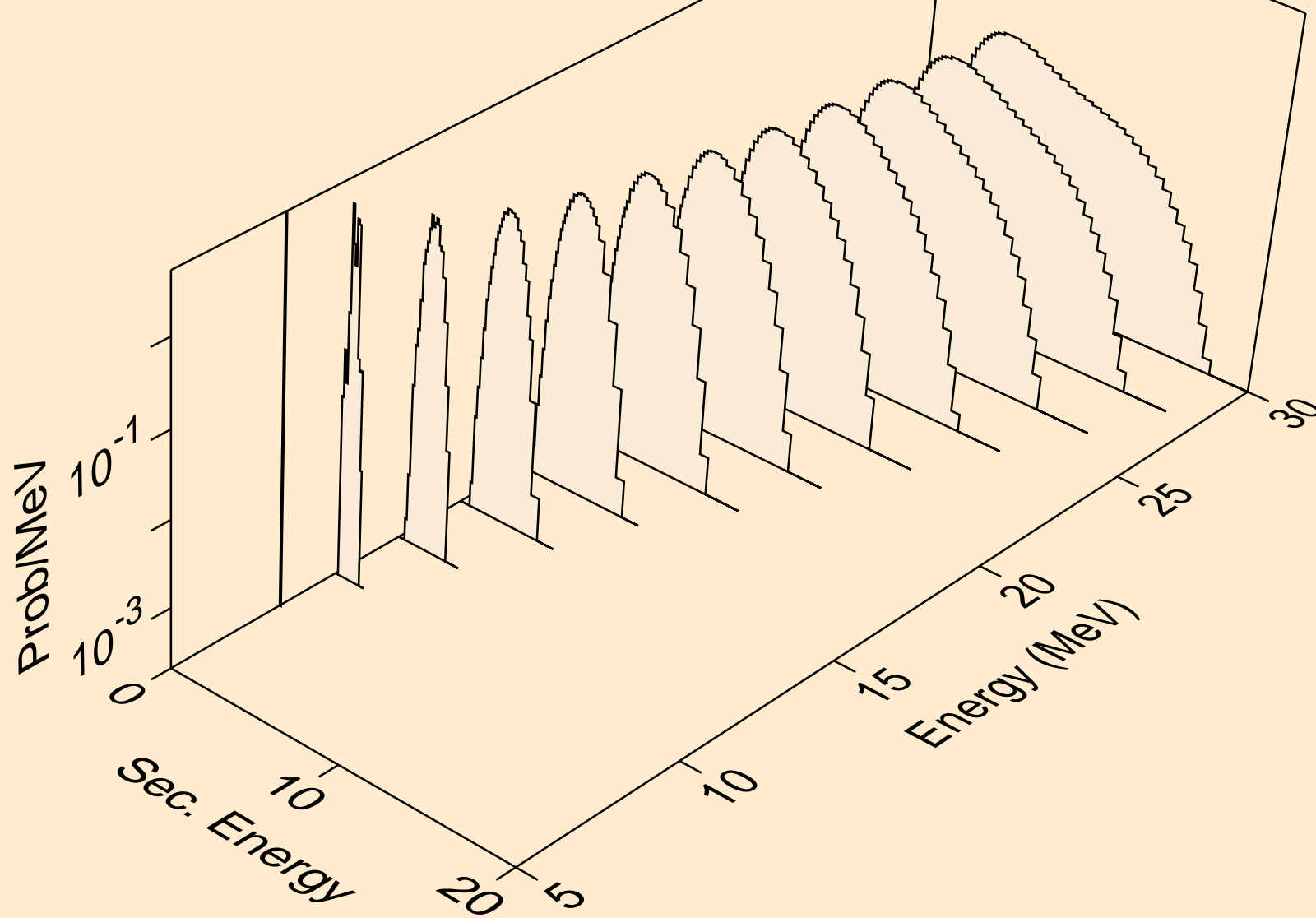
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protons from (s,2np)



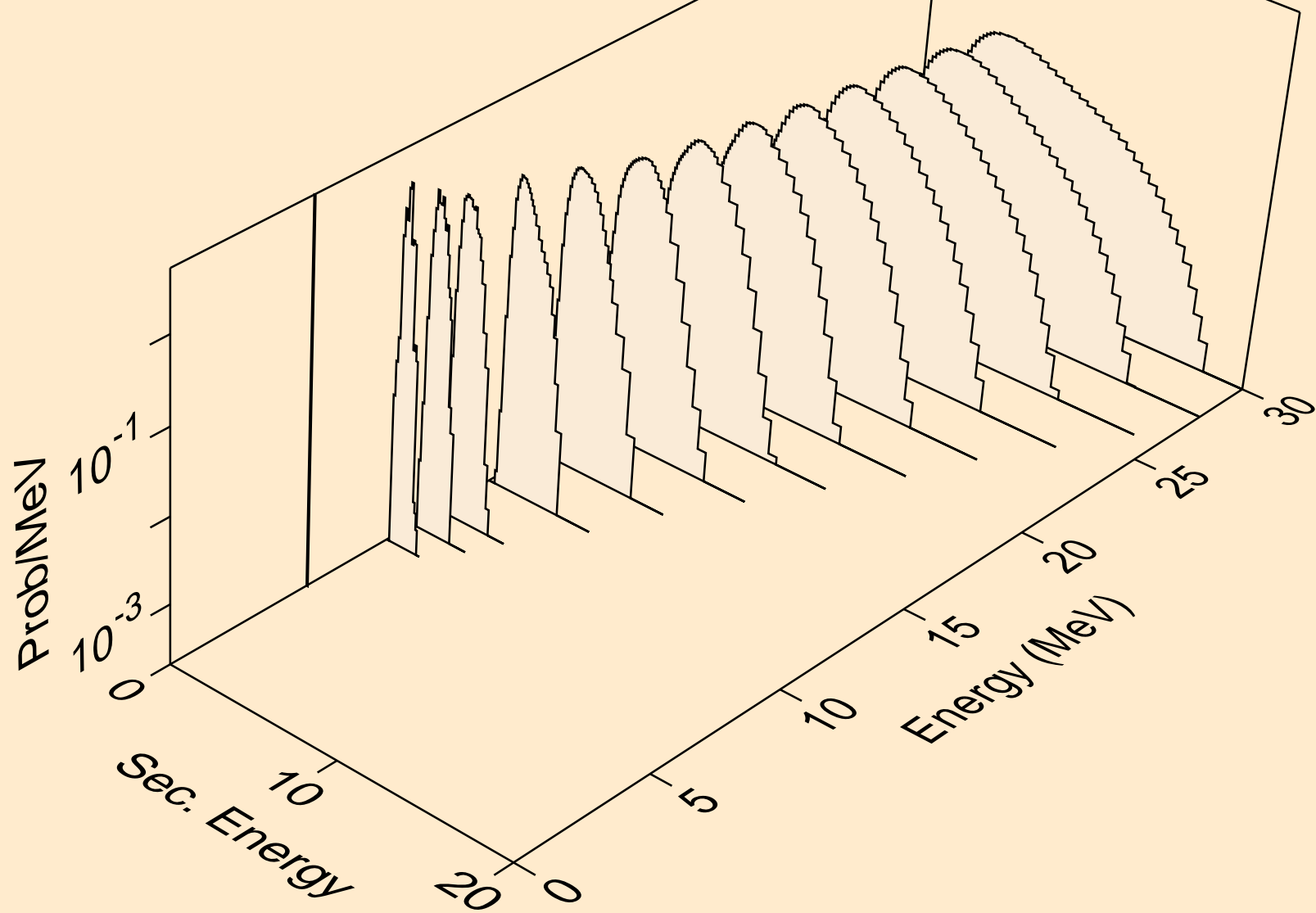
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protons from (s,3np)



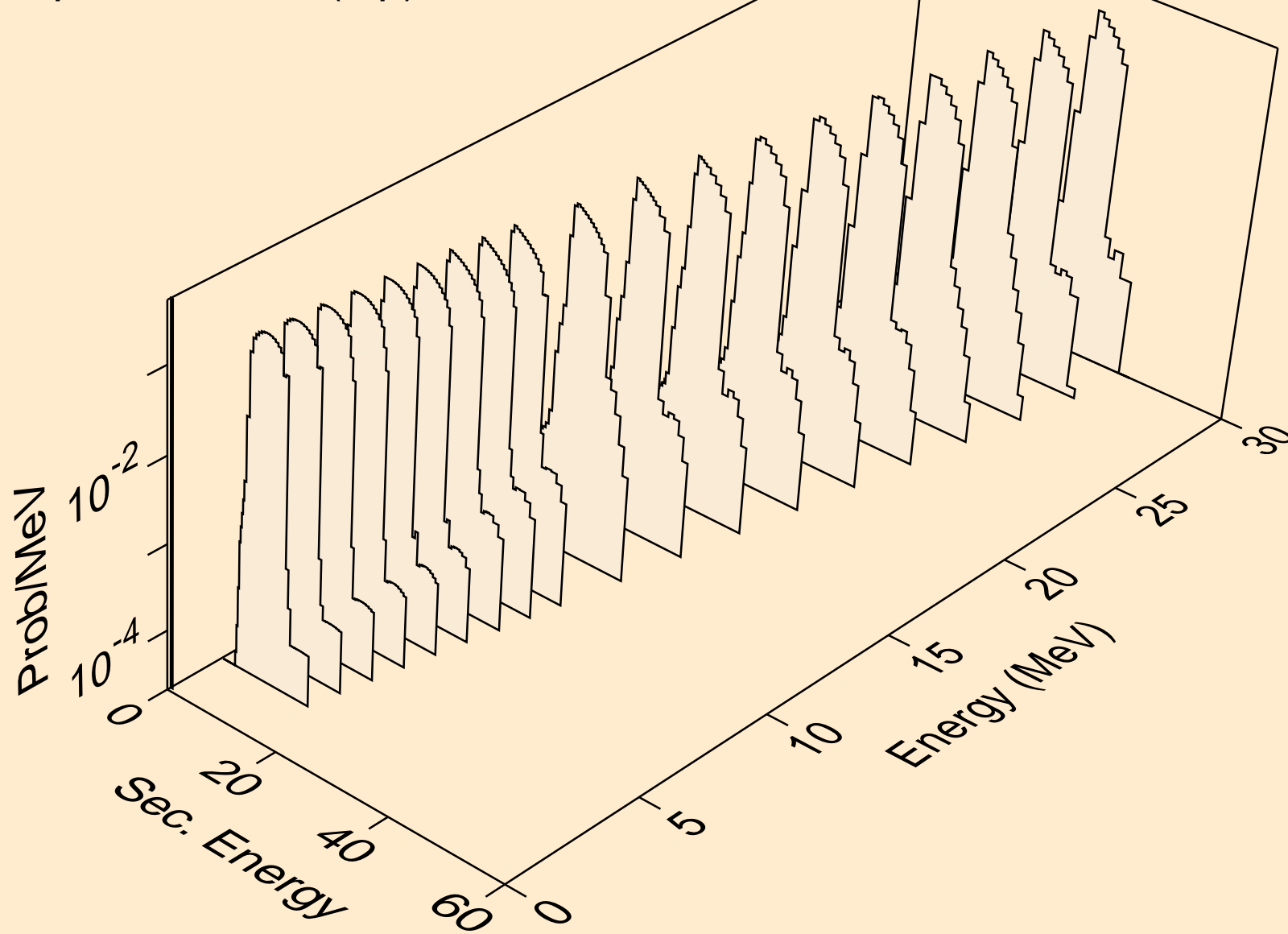
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protons from (s,2np)



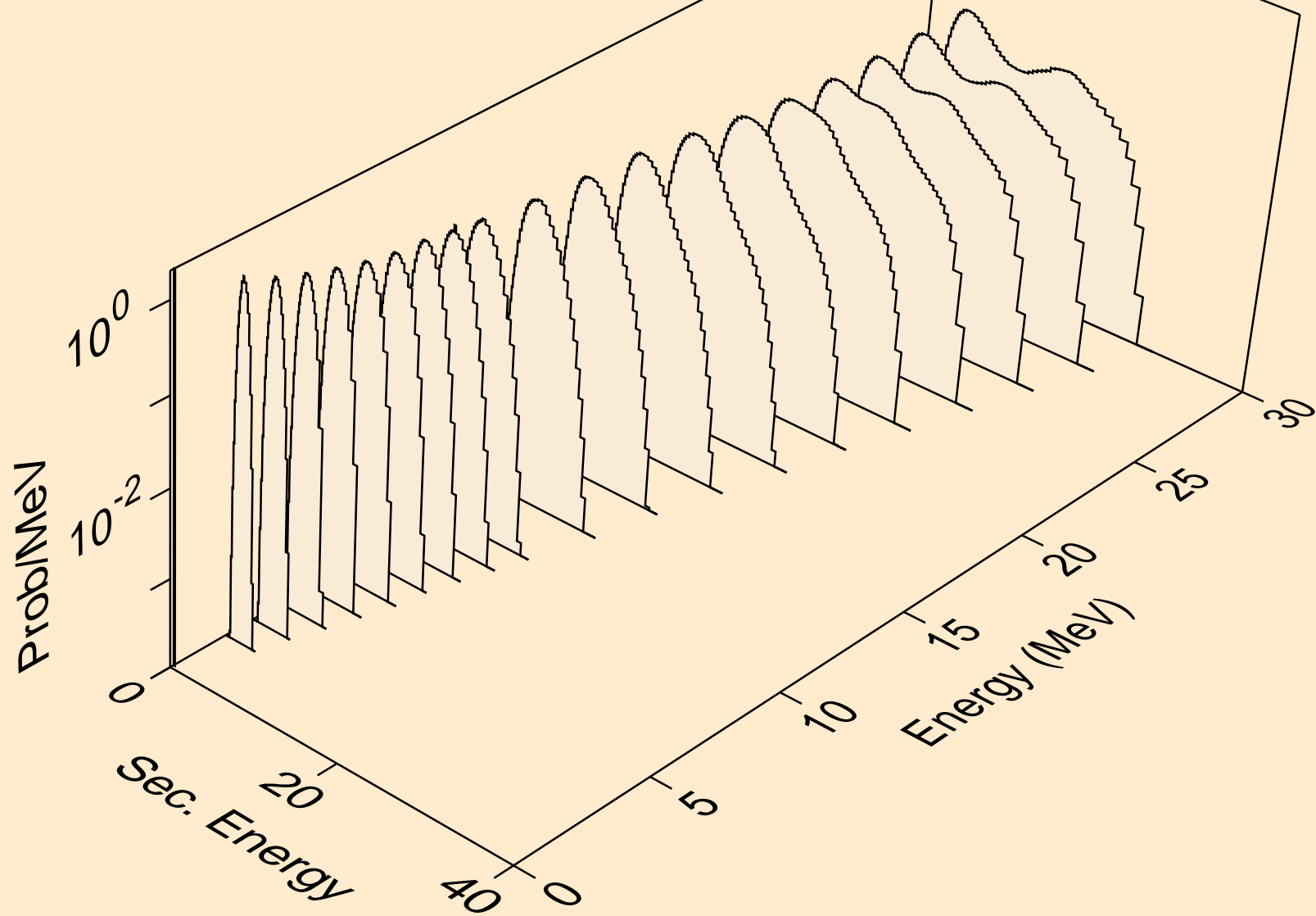
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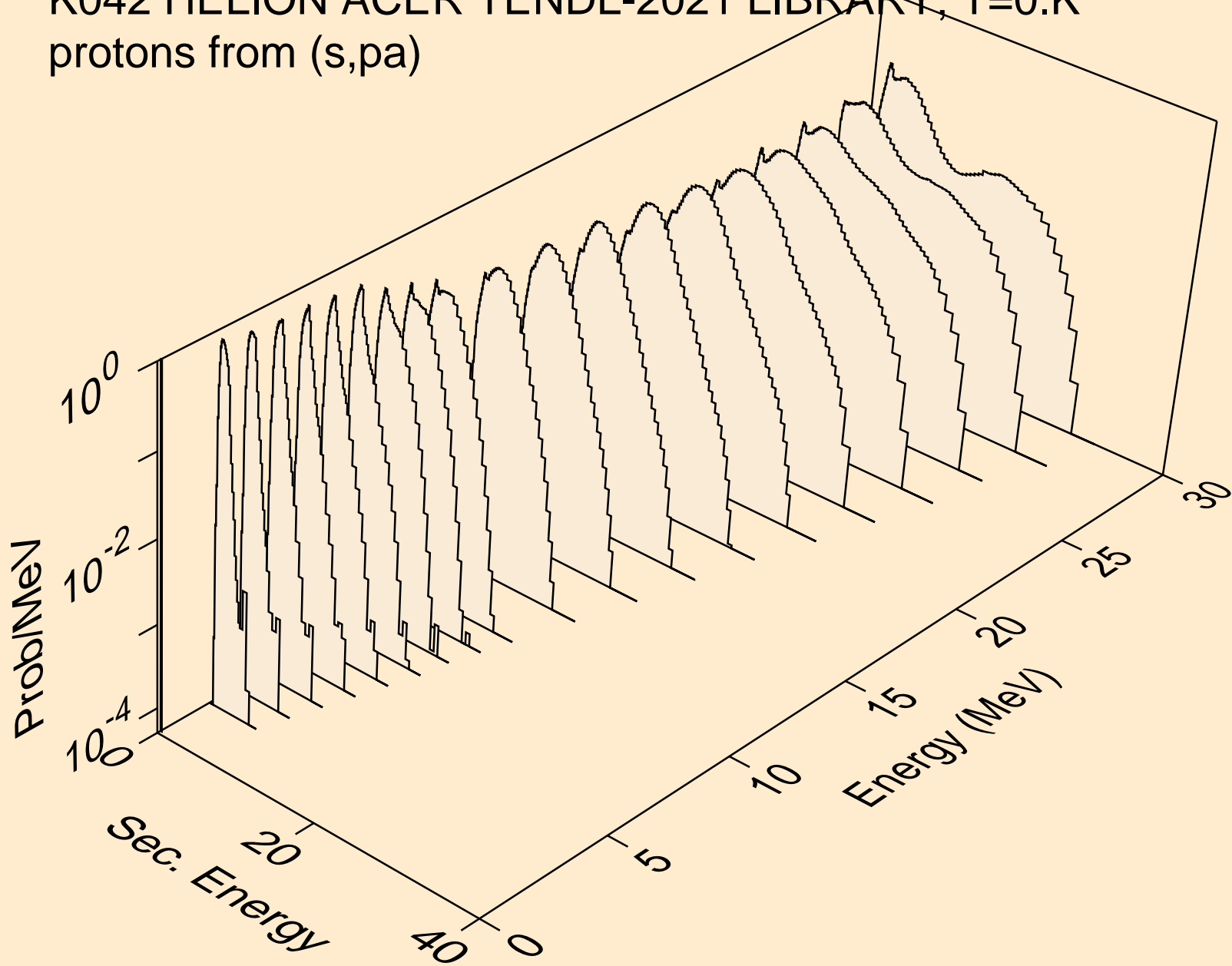
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protons from (s,p)



K042 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2p)

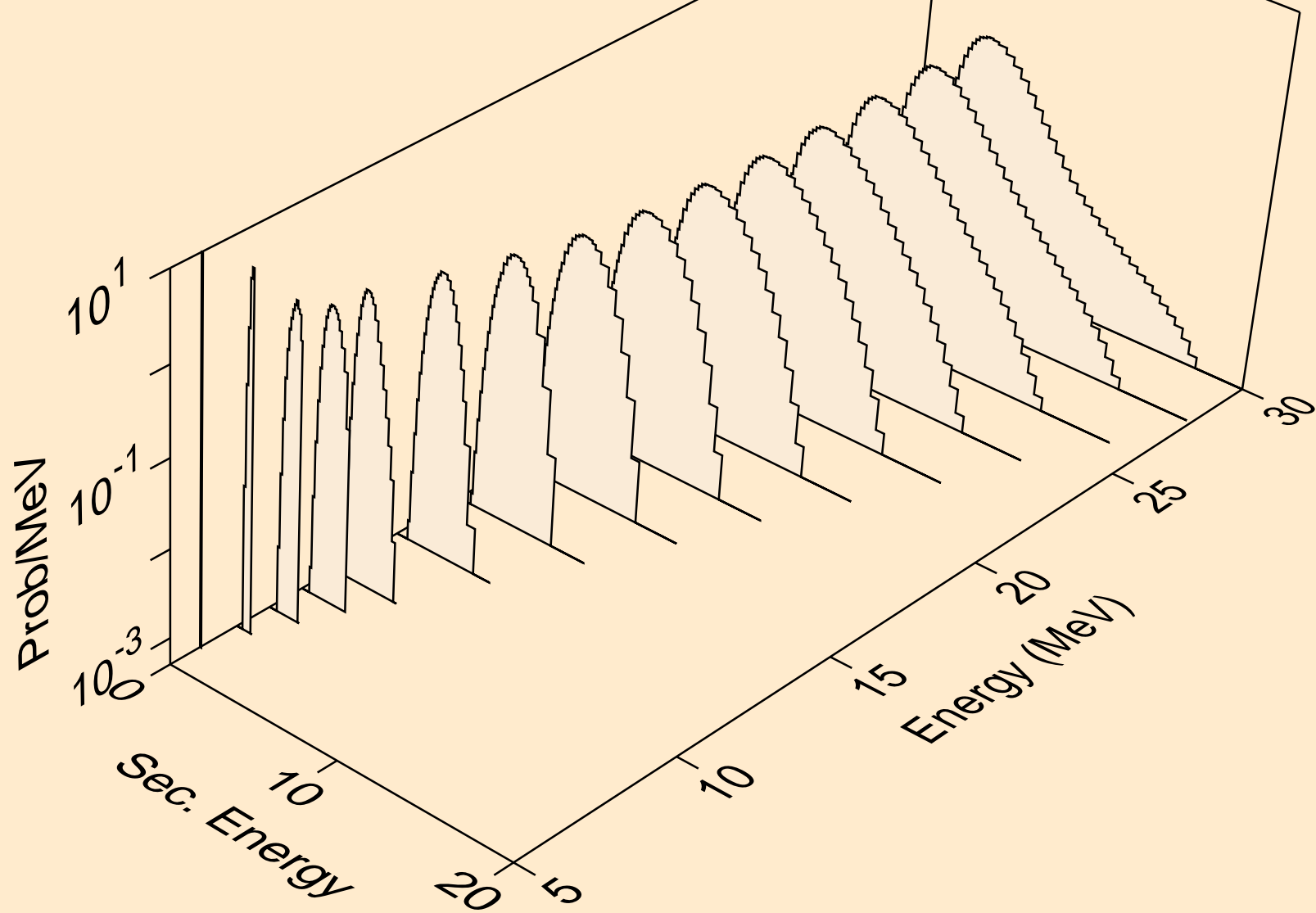


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protons from (s,pa)

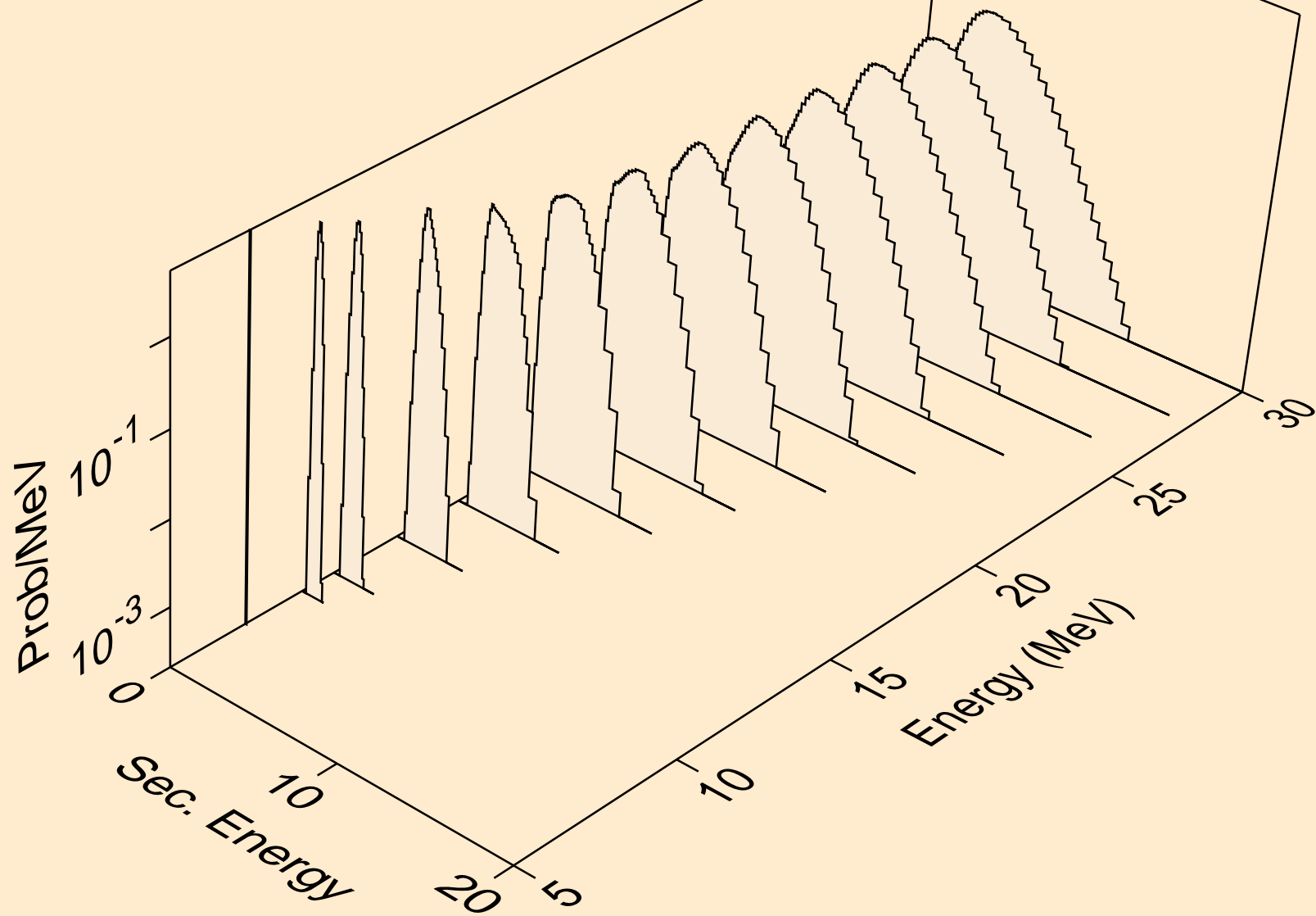




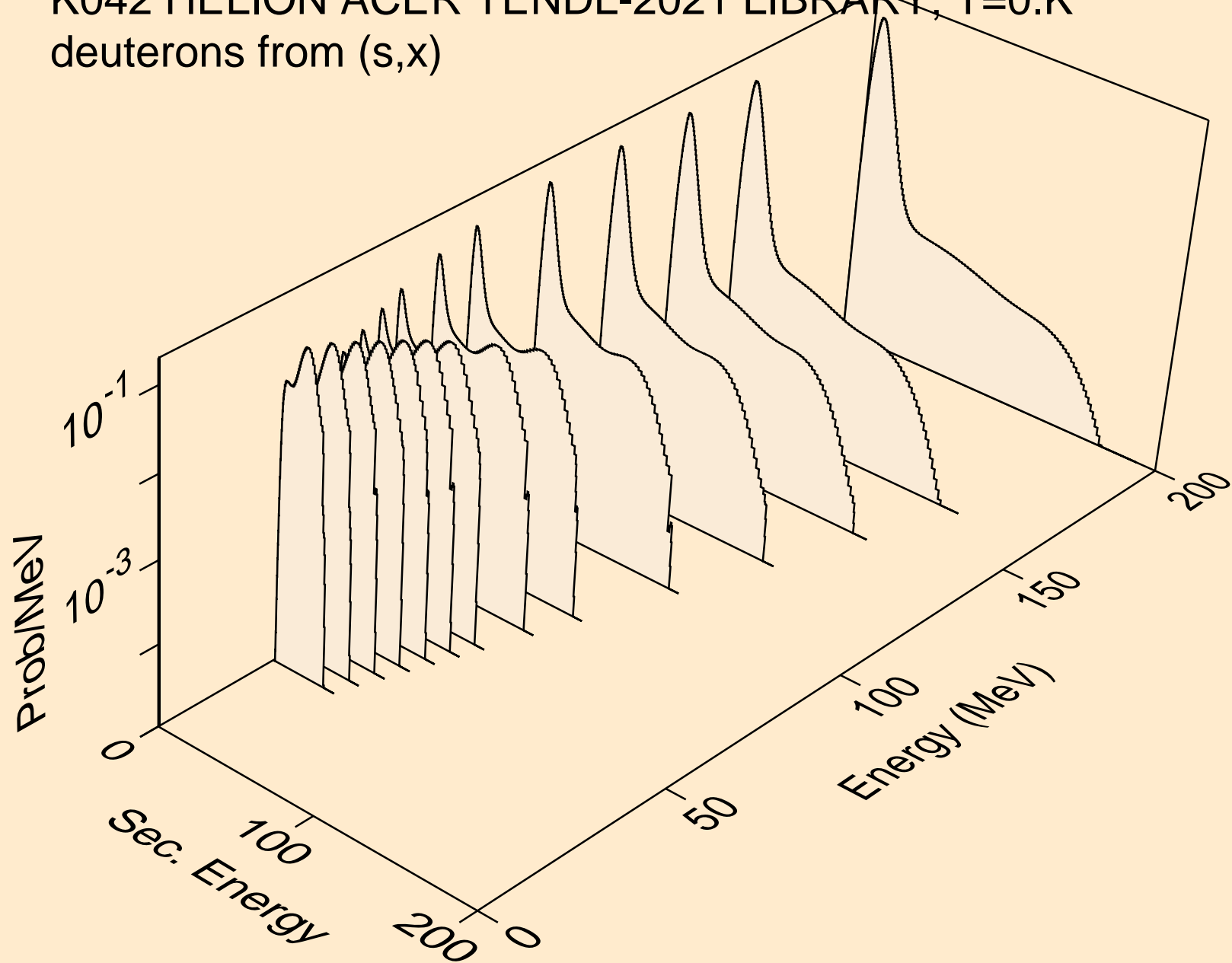
K042 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pd)



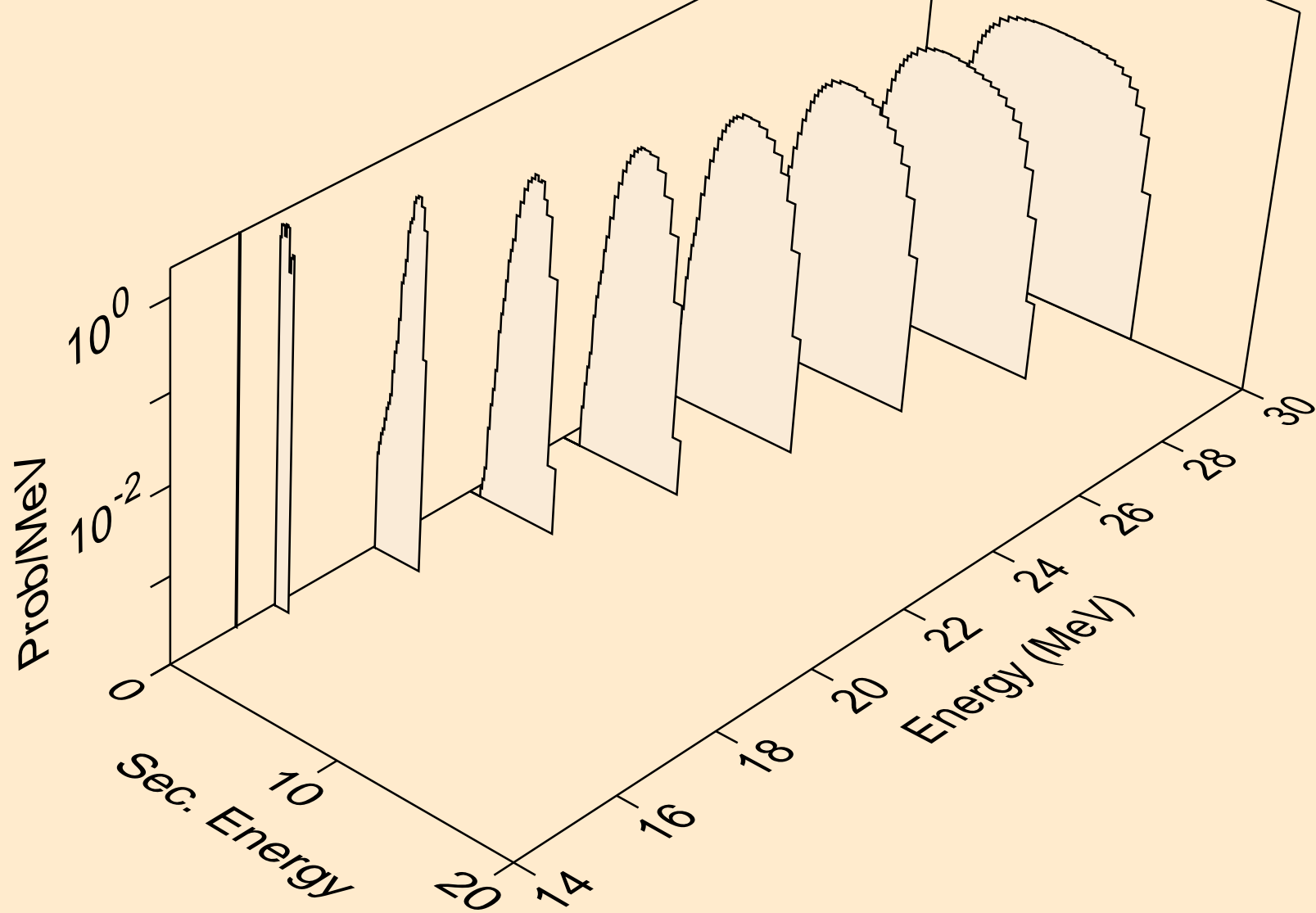
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protons from (s,pt)



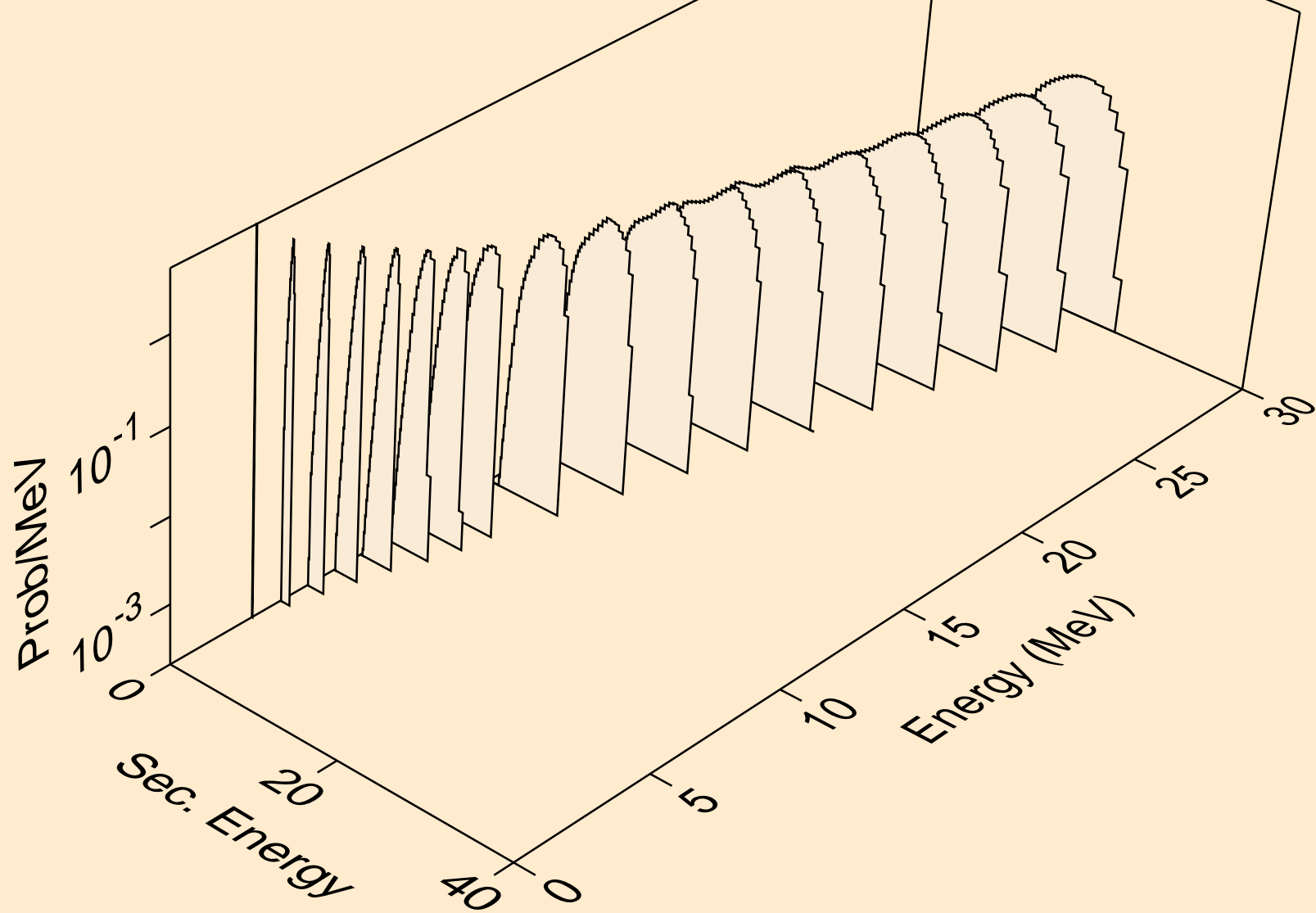
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deuterons from (s,x)



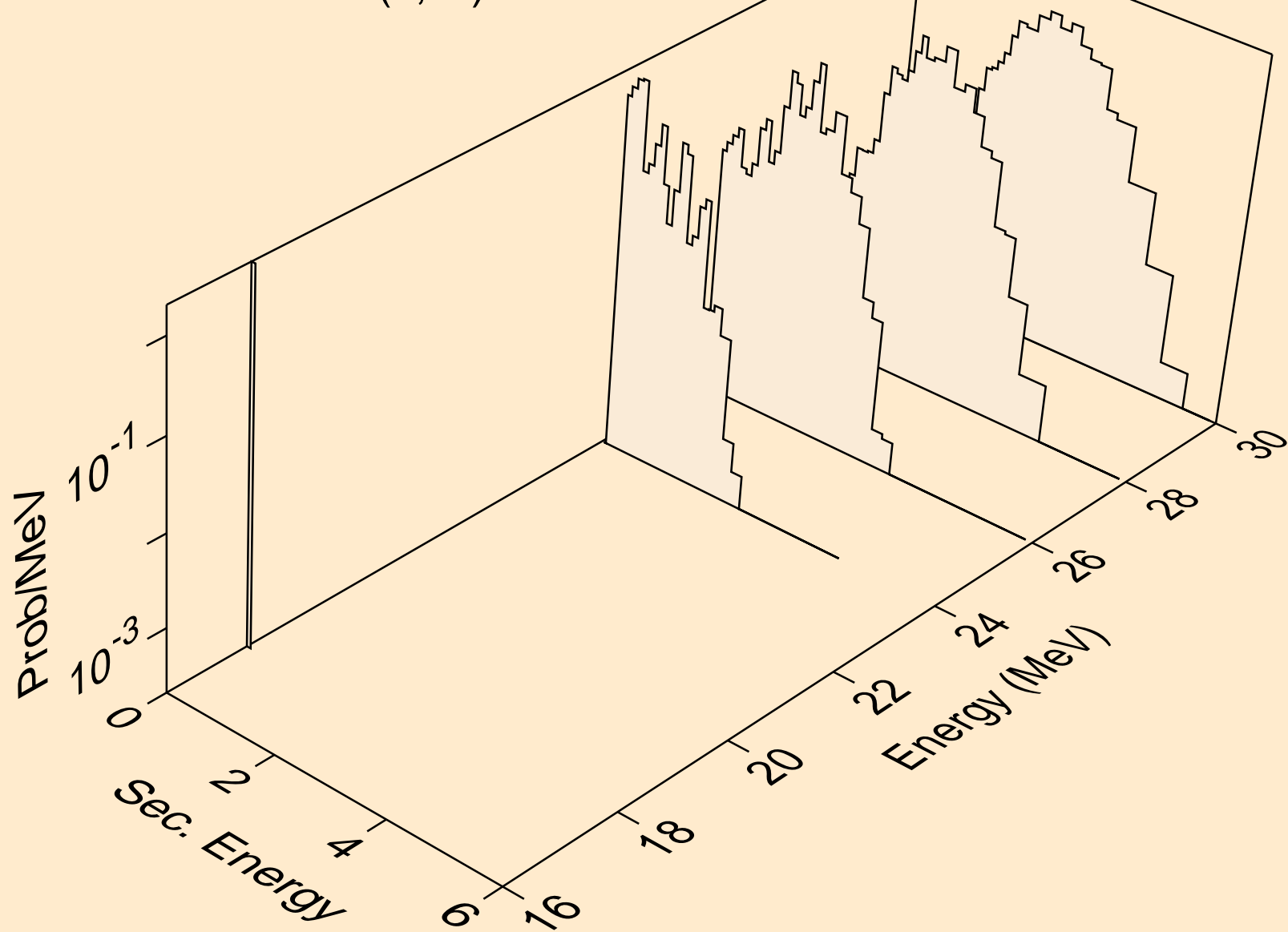
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deuterons from (s,2nd)



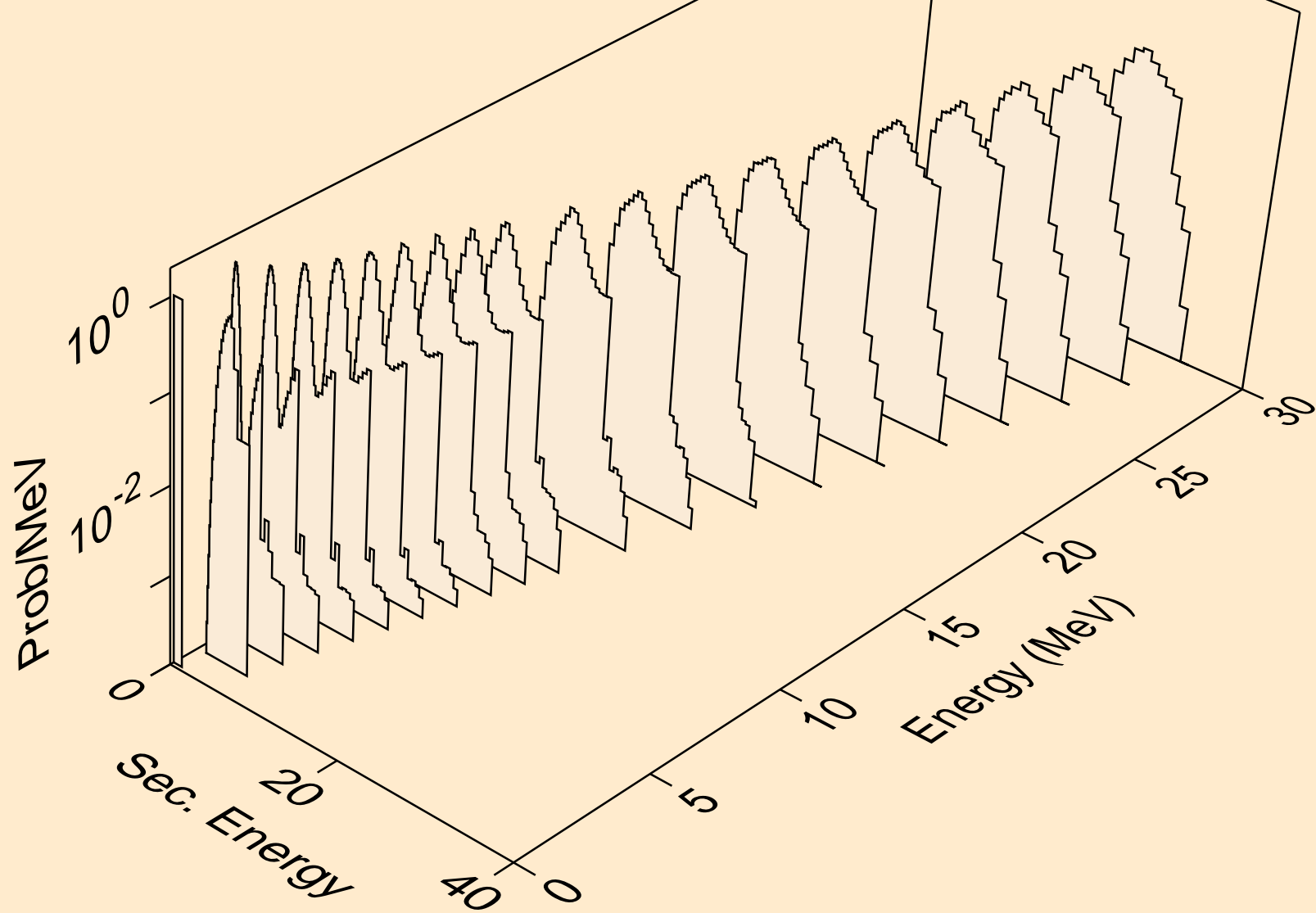
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deuterons from (s,n\*)d



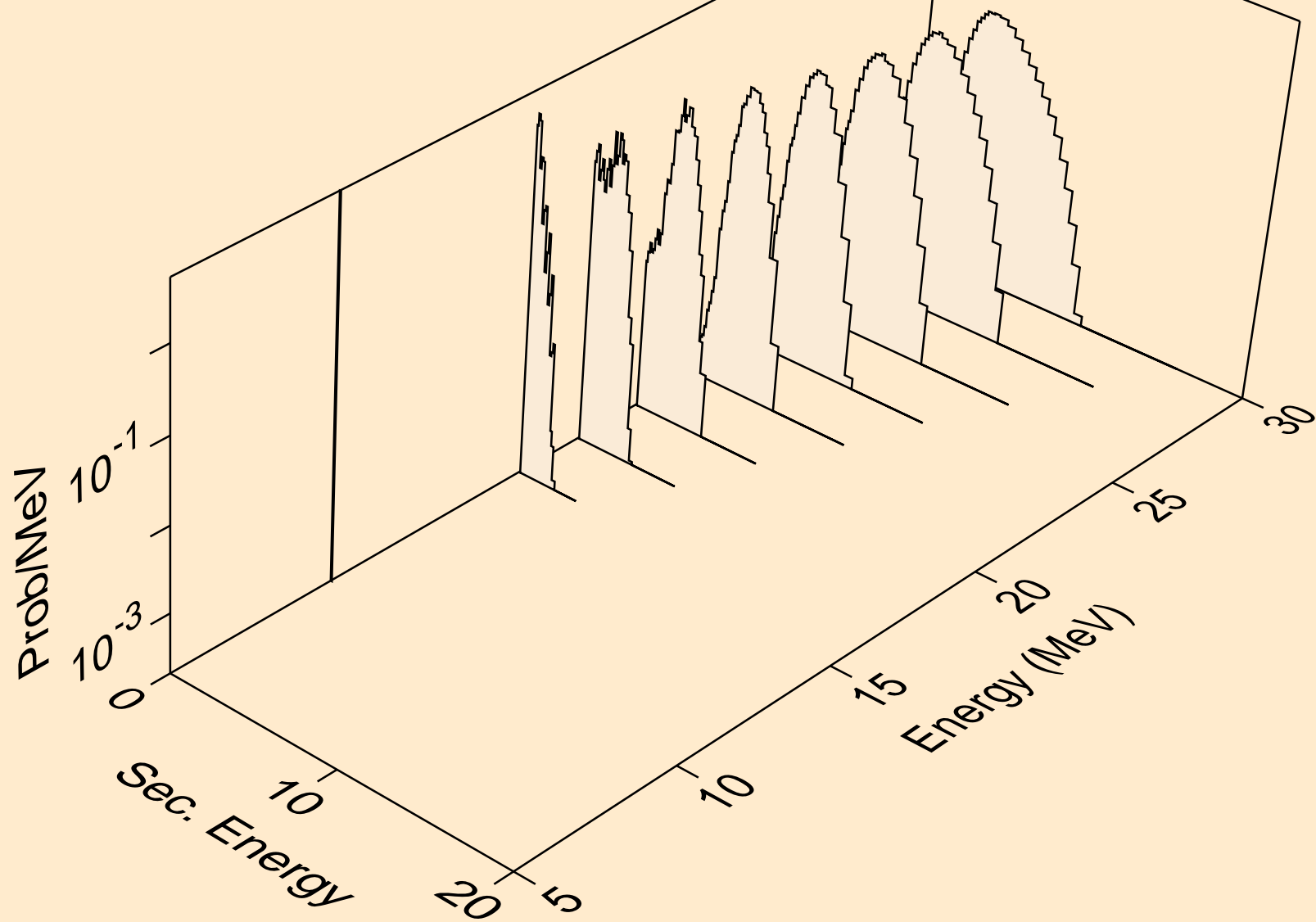
K042 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,n\*)d2a



K042 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,d)

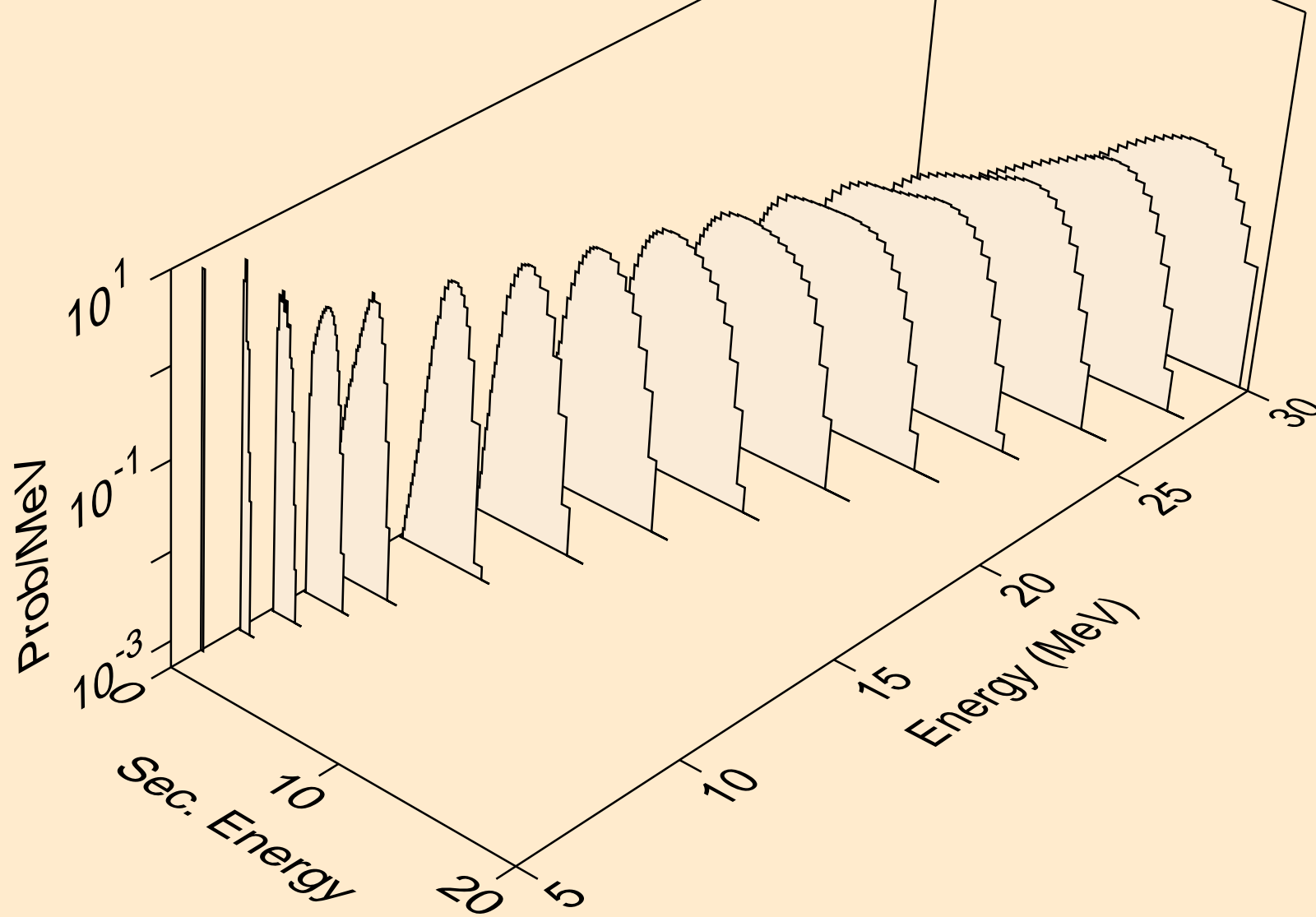


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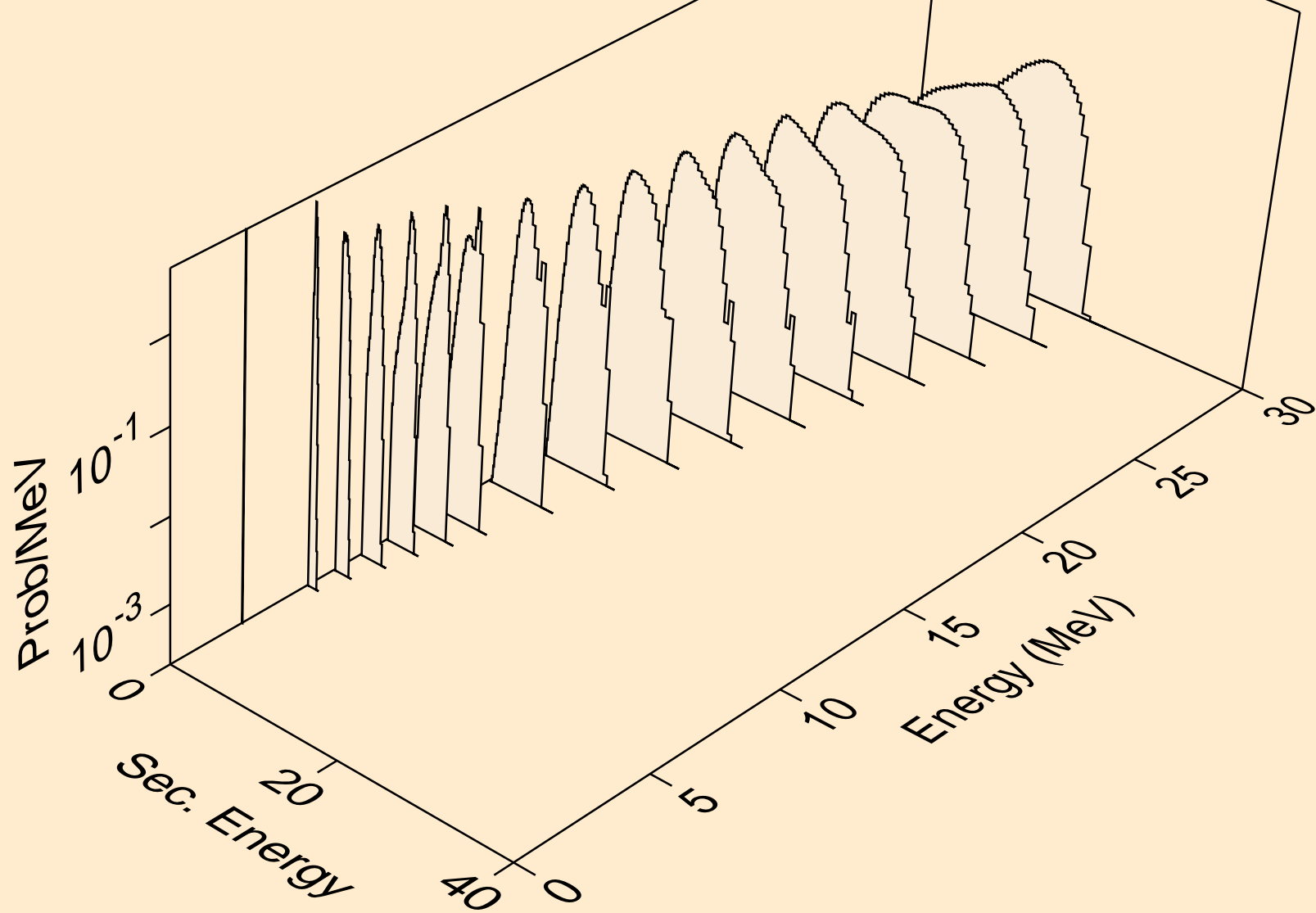




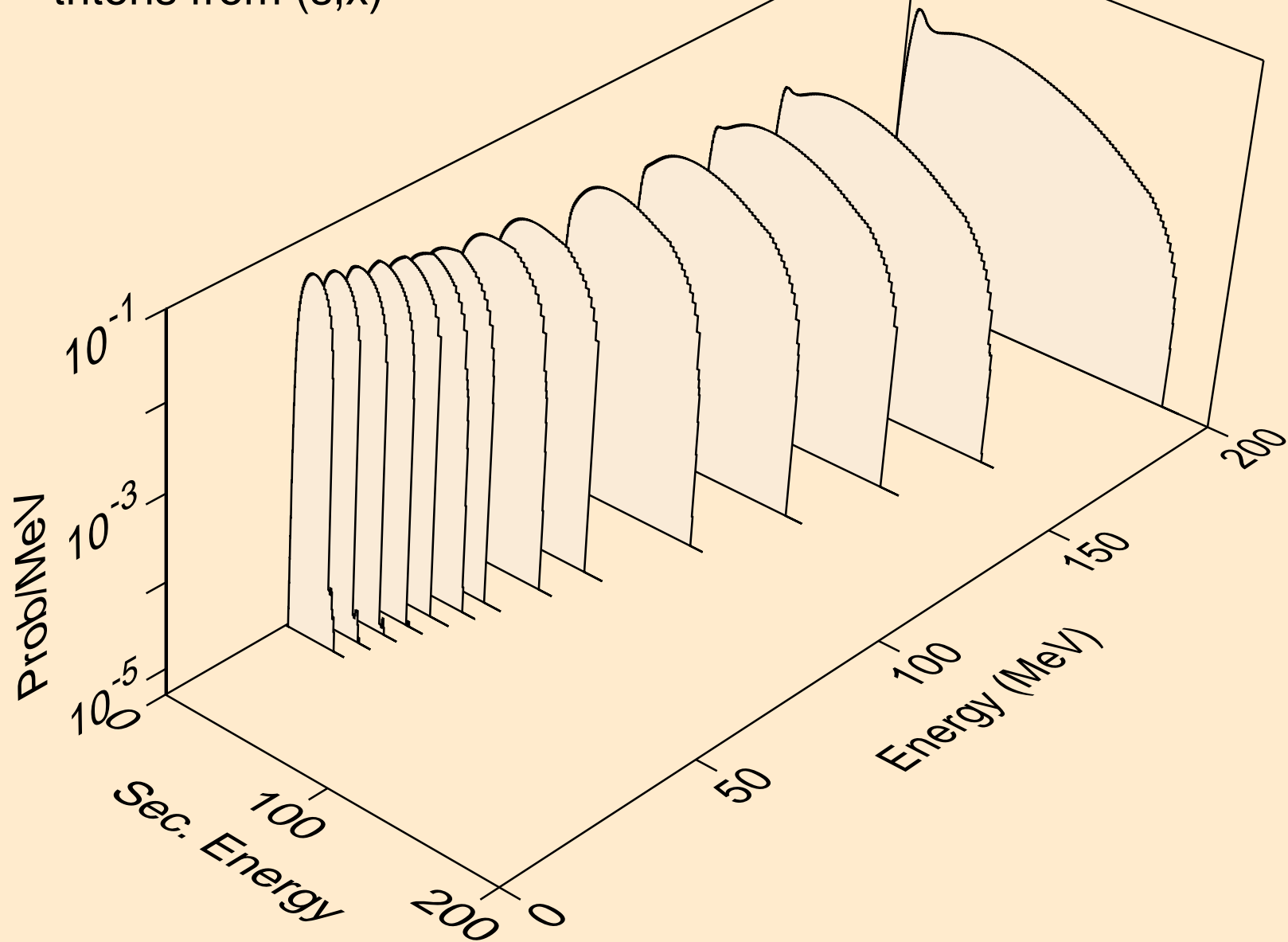
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deuterons from (s,pd)



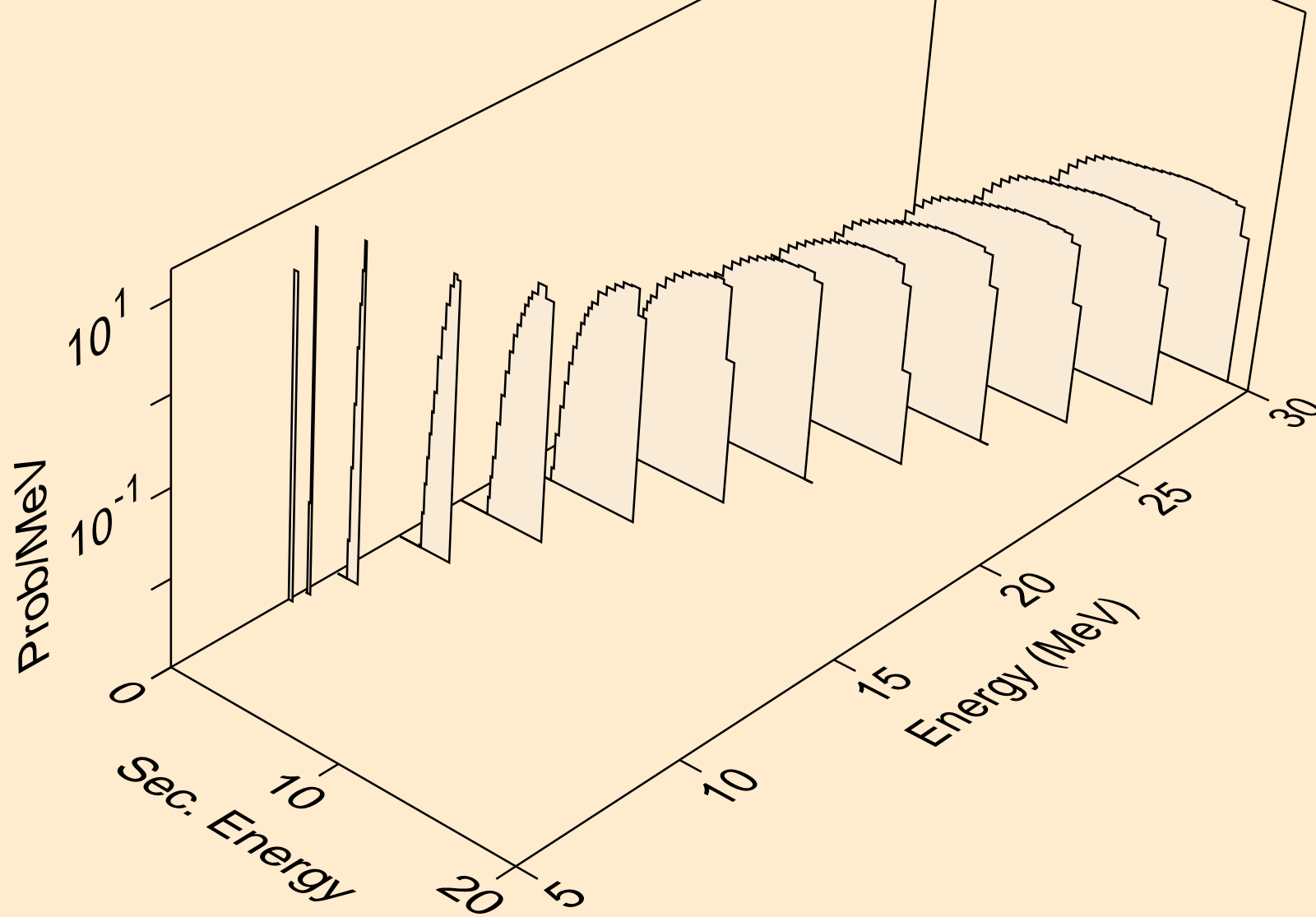
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deuterons from (s,da)



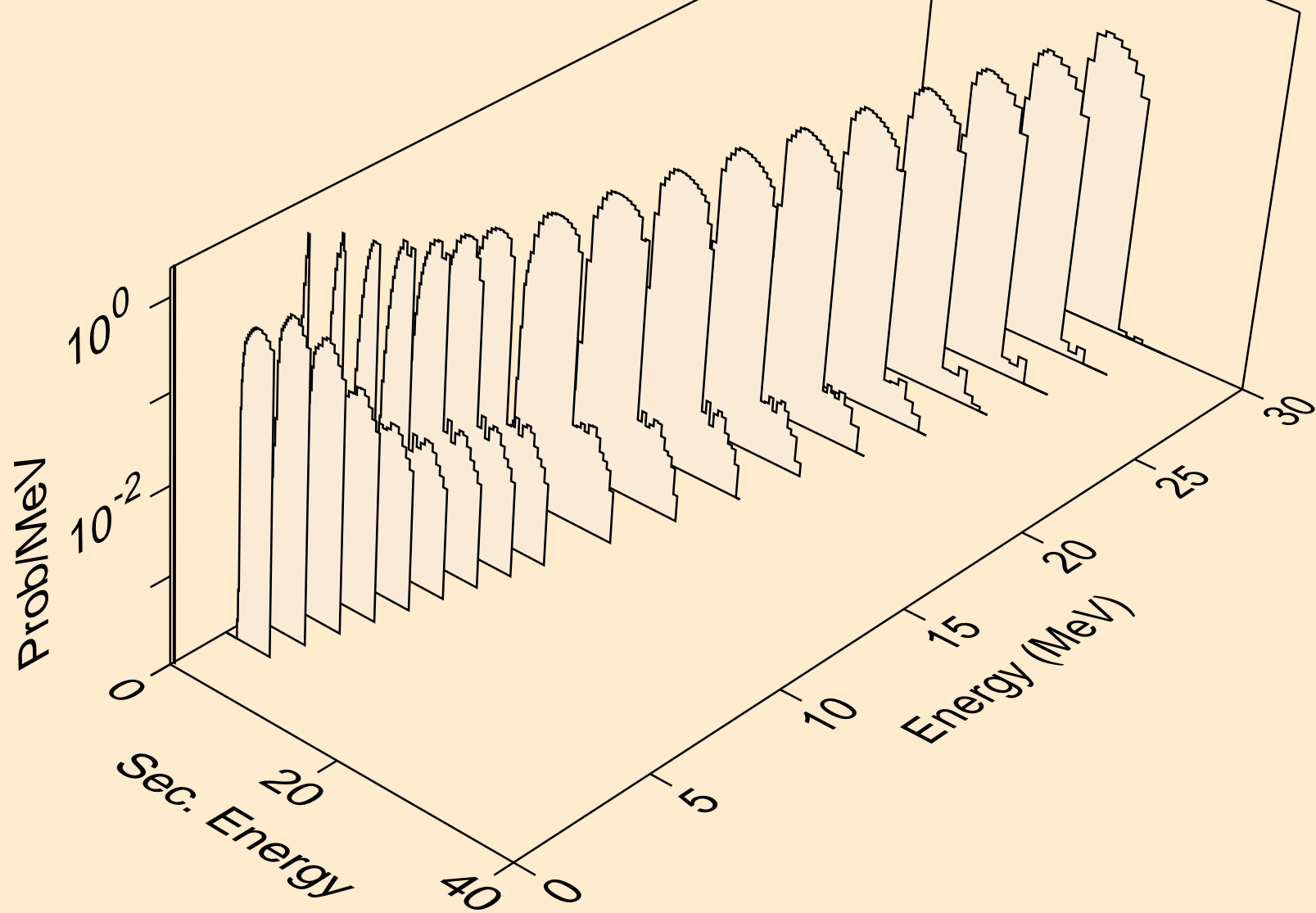
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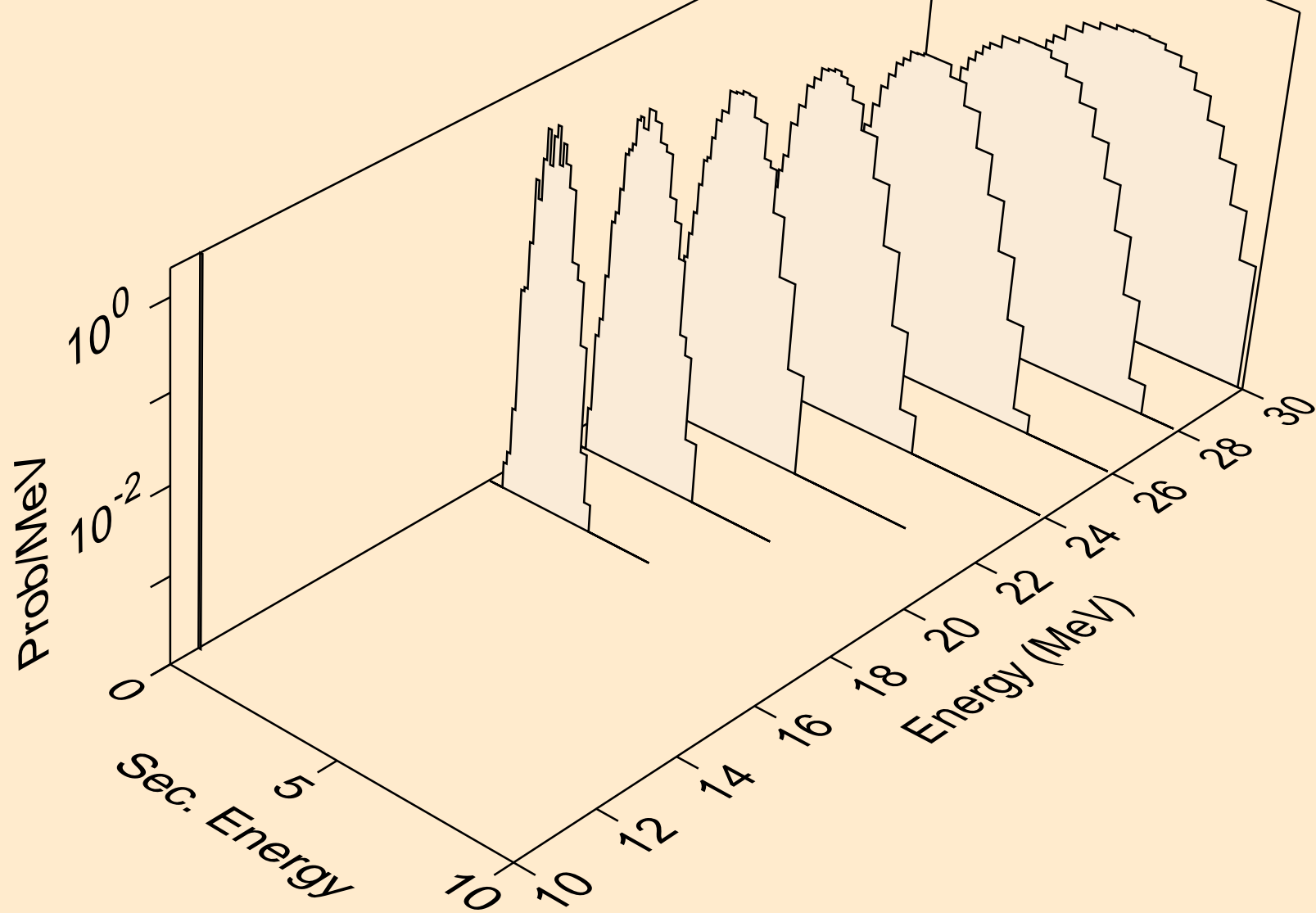
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tritons from (s,n\*)t



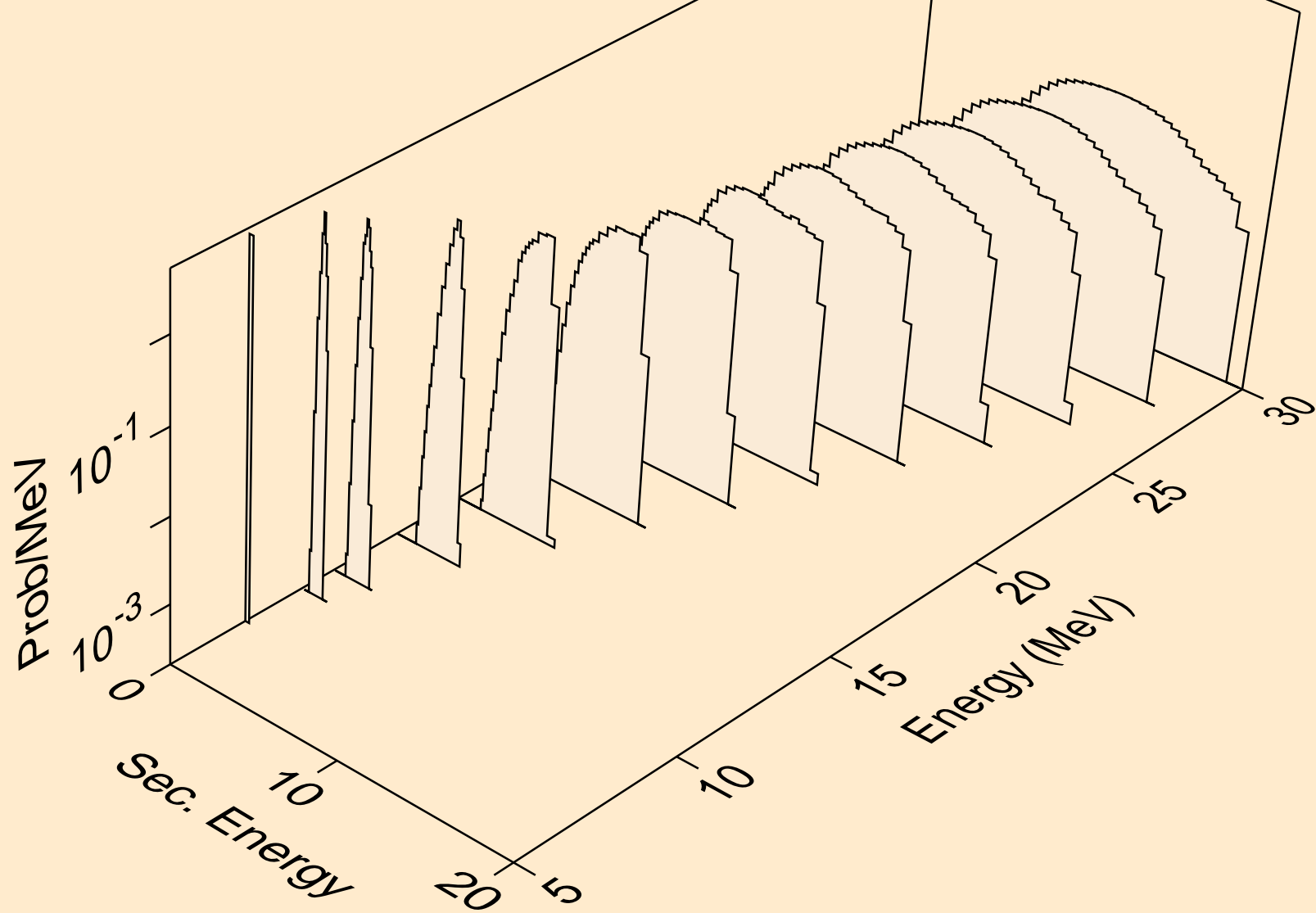
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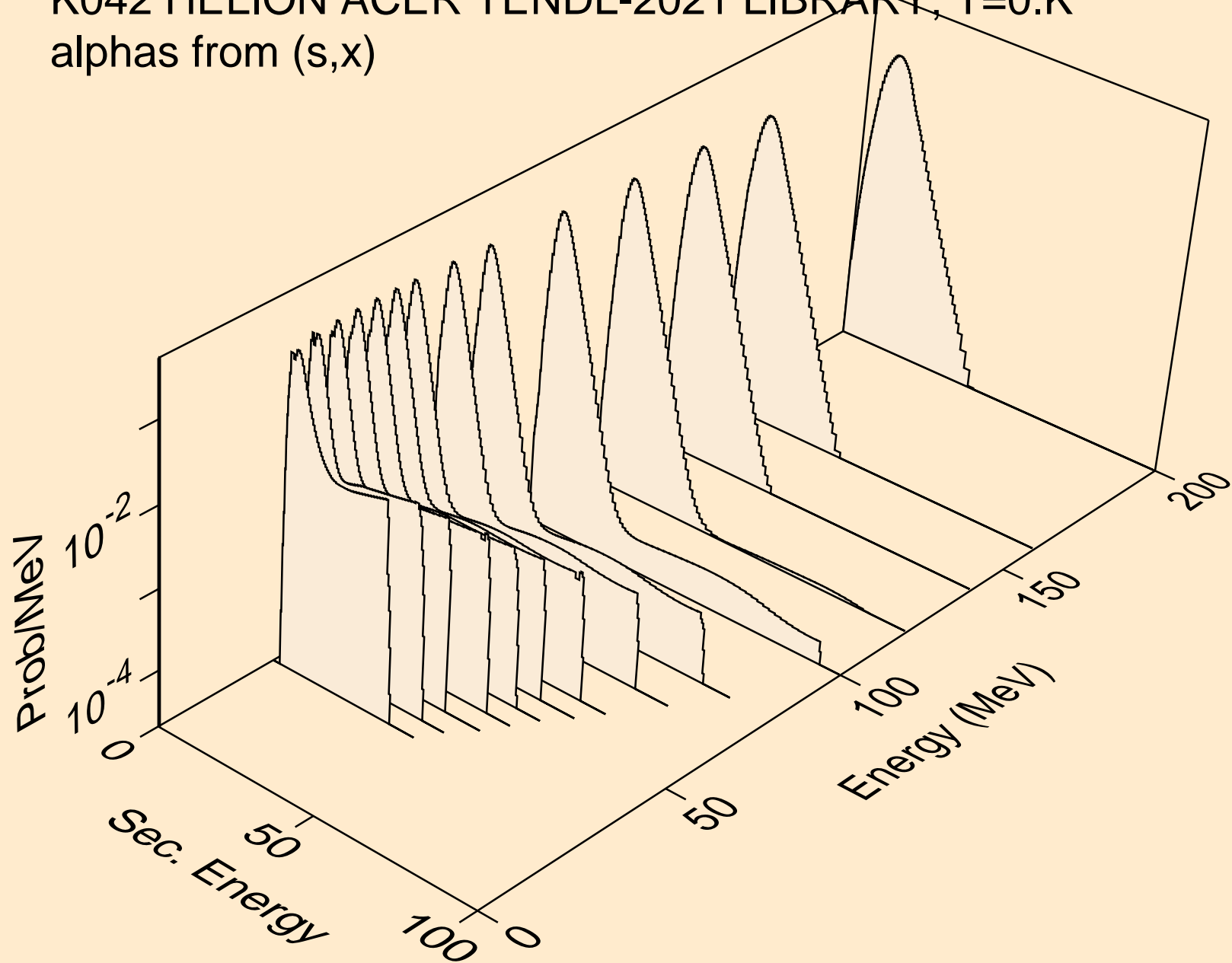
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tritons from (s,t2a)



K042 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,pt)

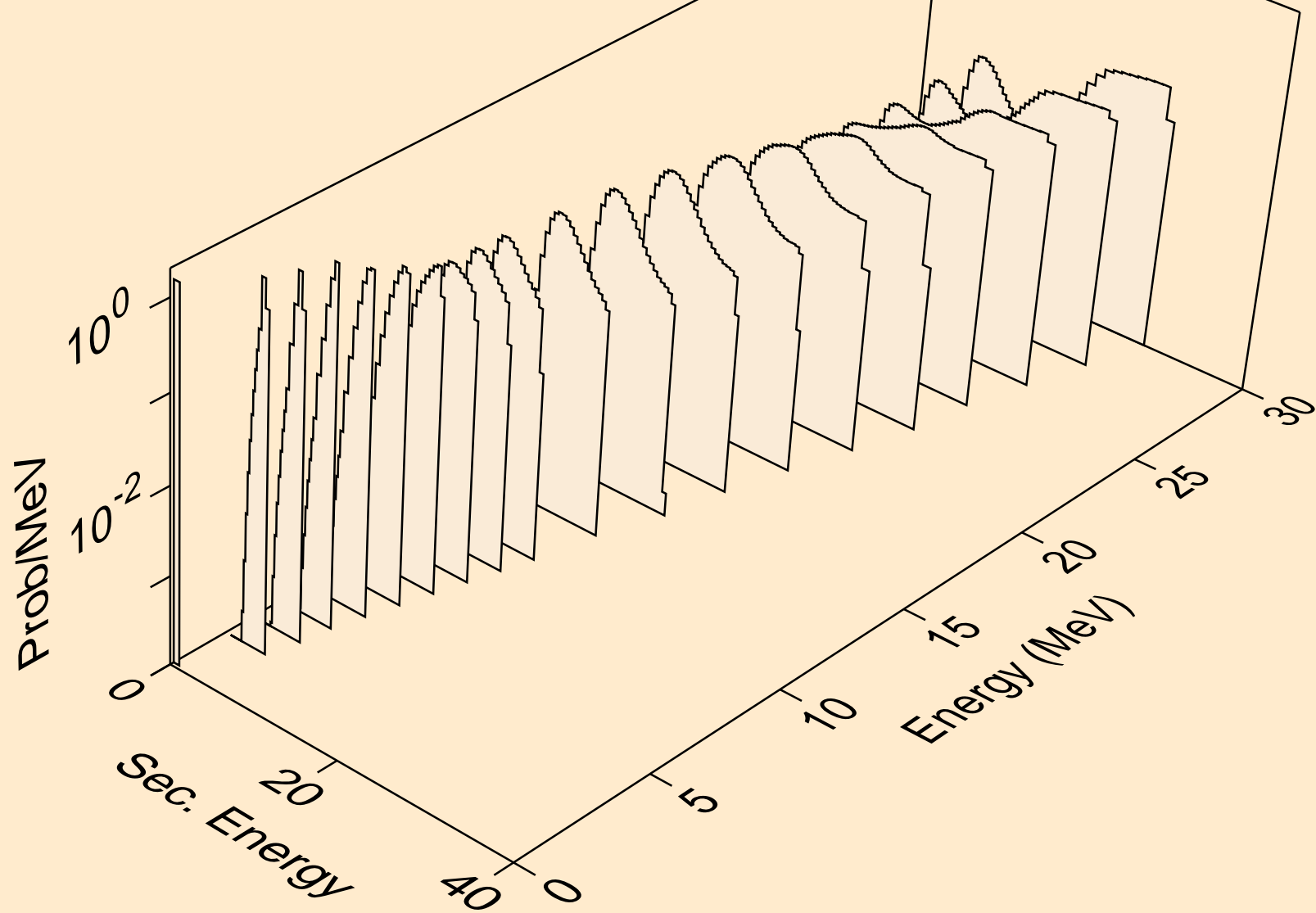


K042 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,x)

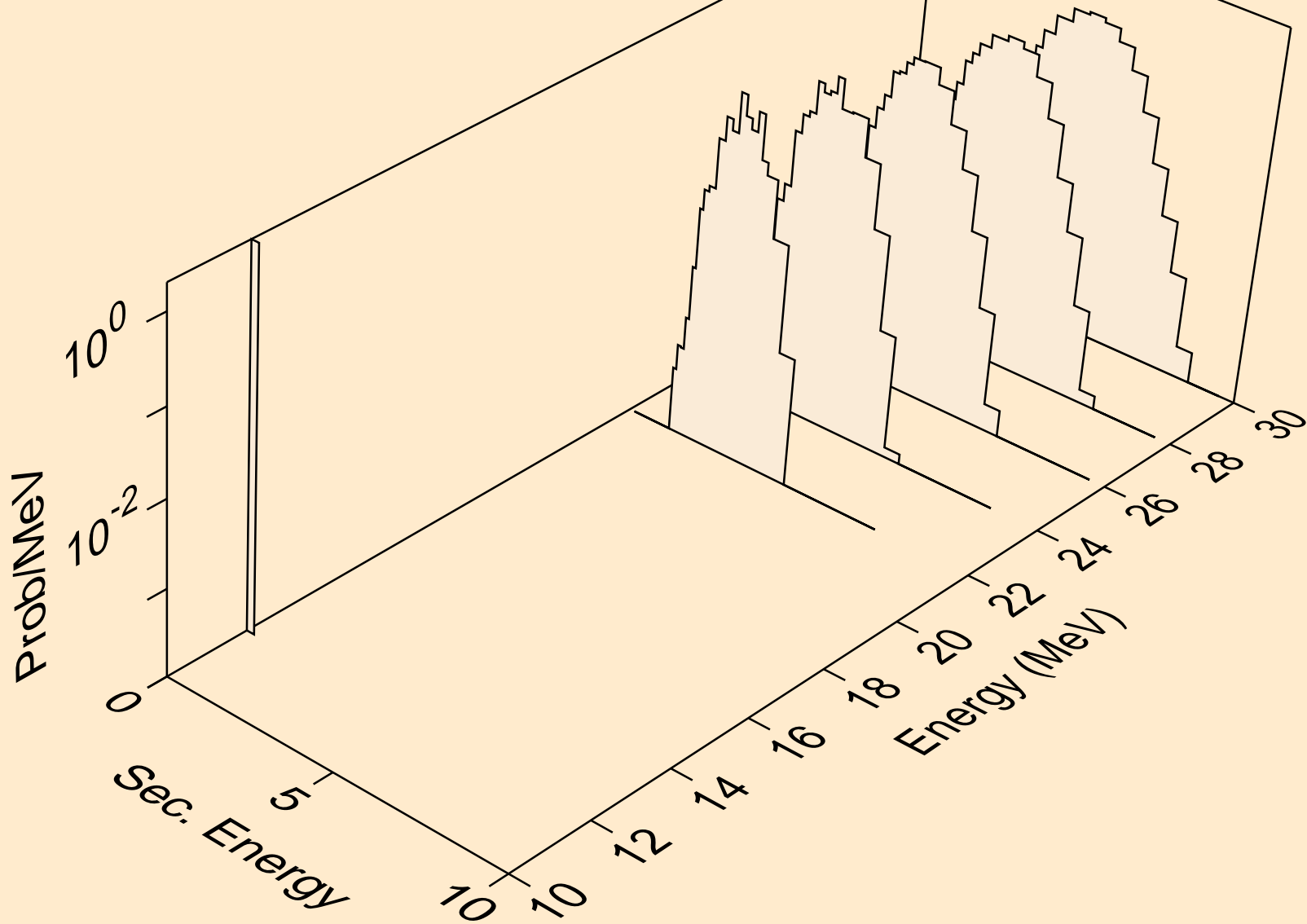




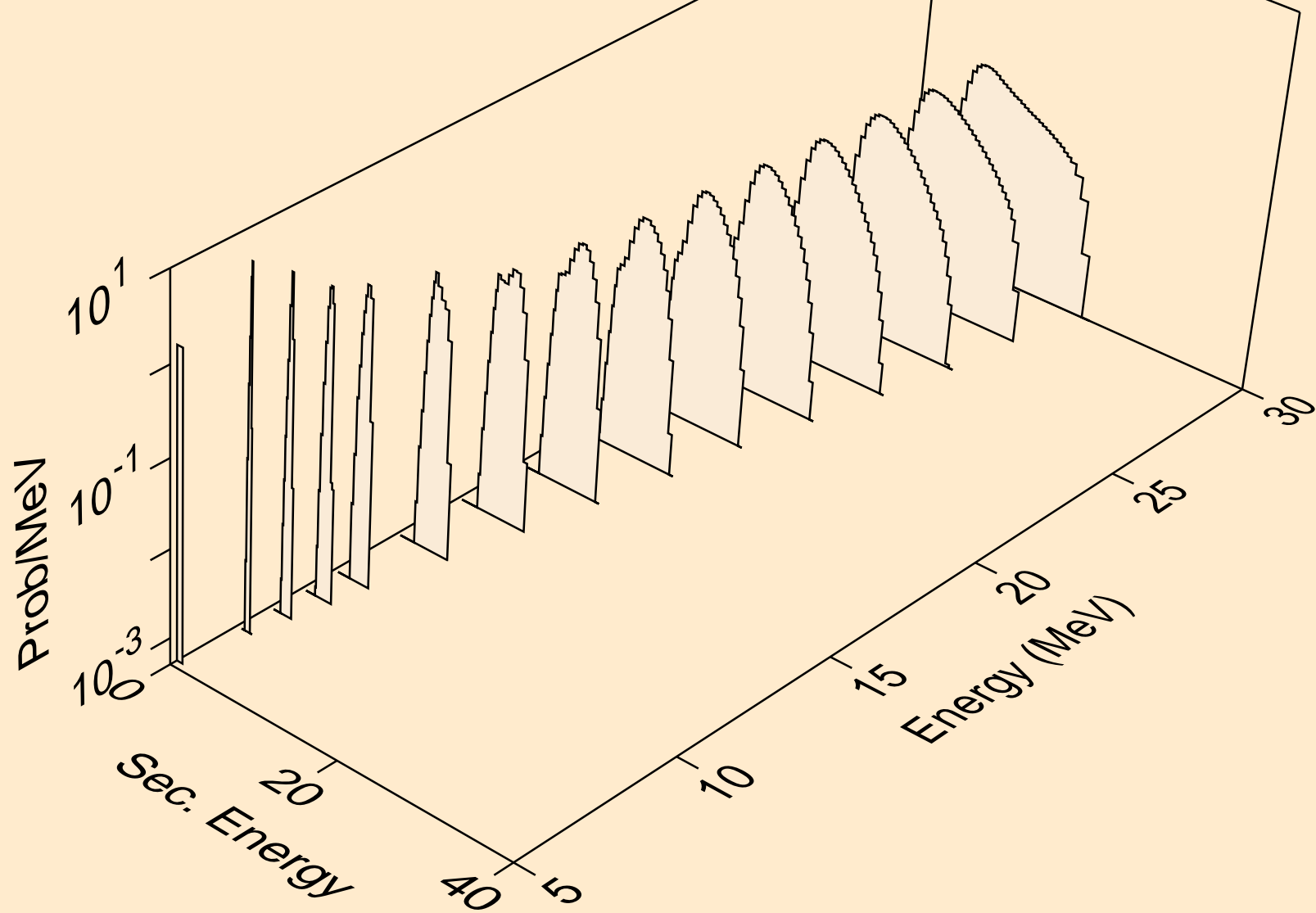
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alphas from (s,n\*)a



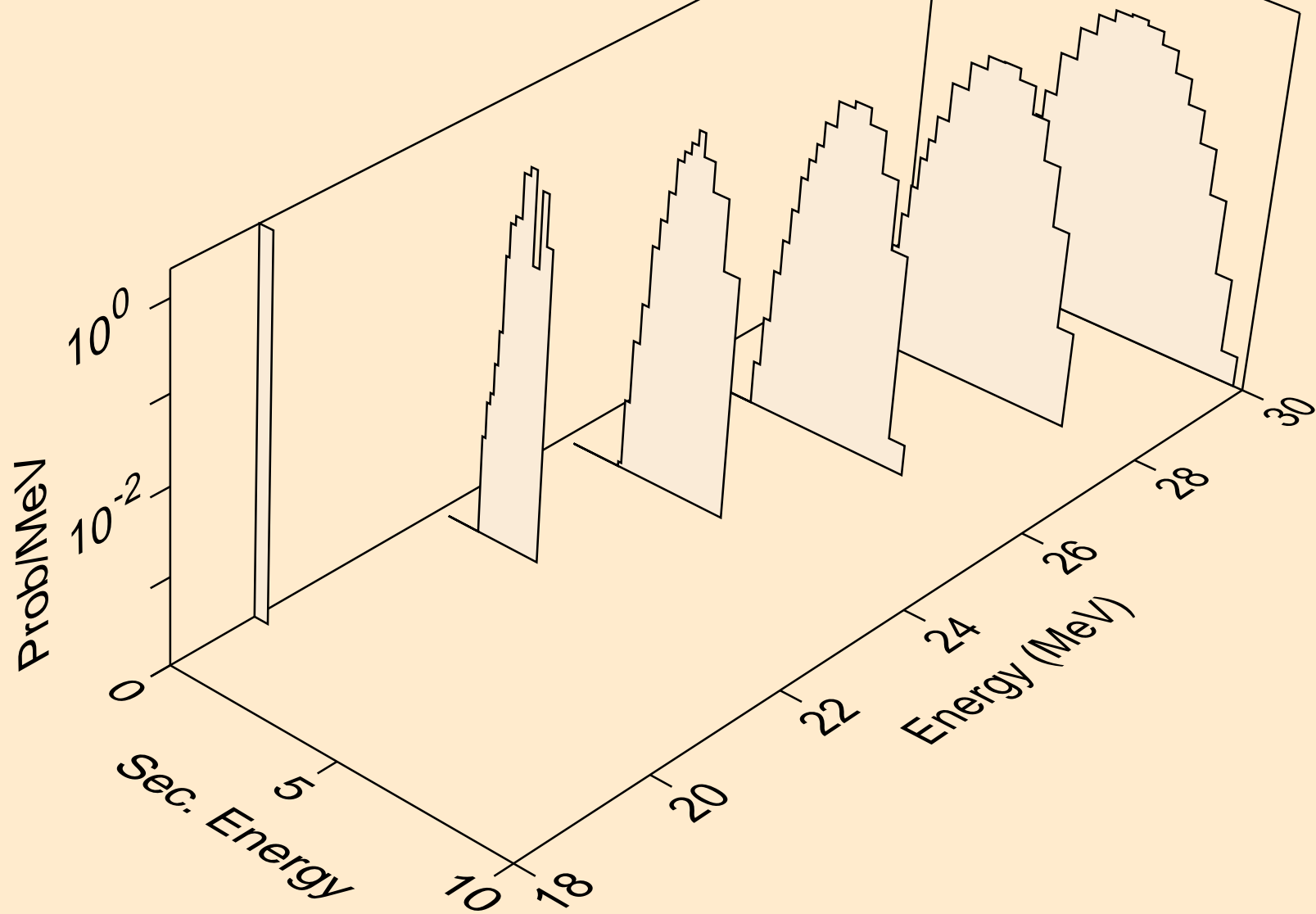
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alphas from (s,n\*)3a



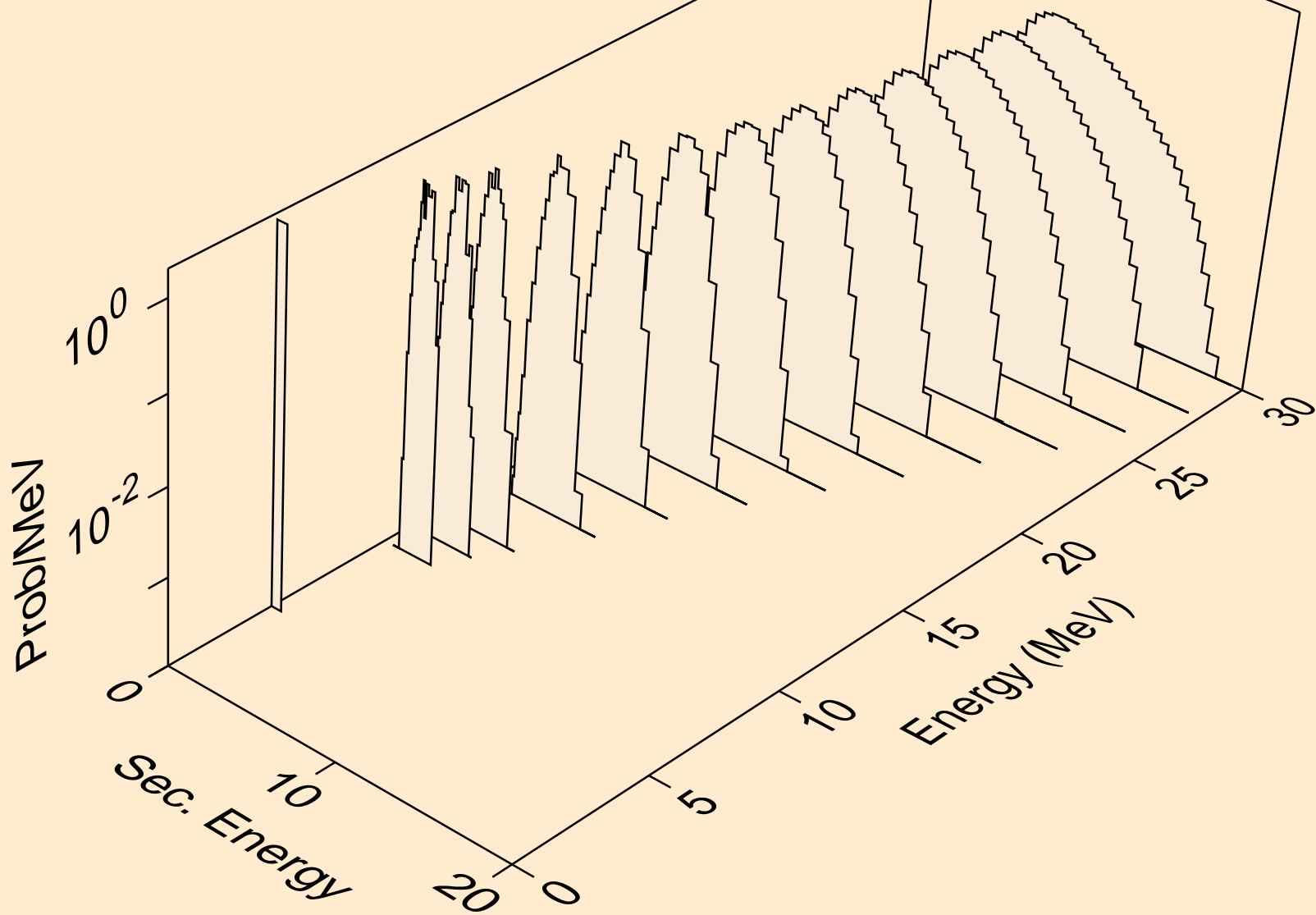
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alphas from (s,2n)a



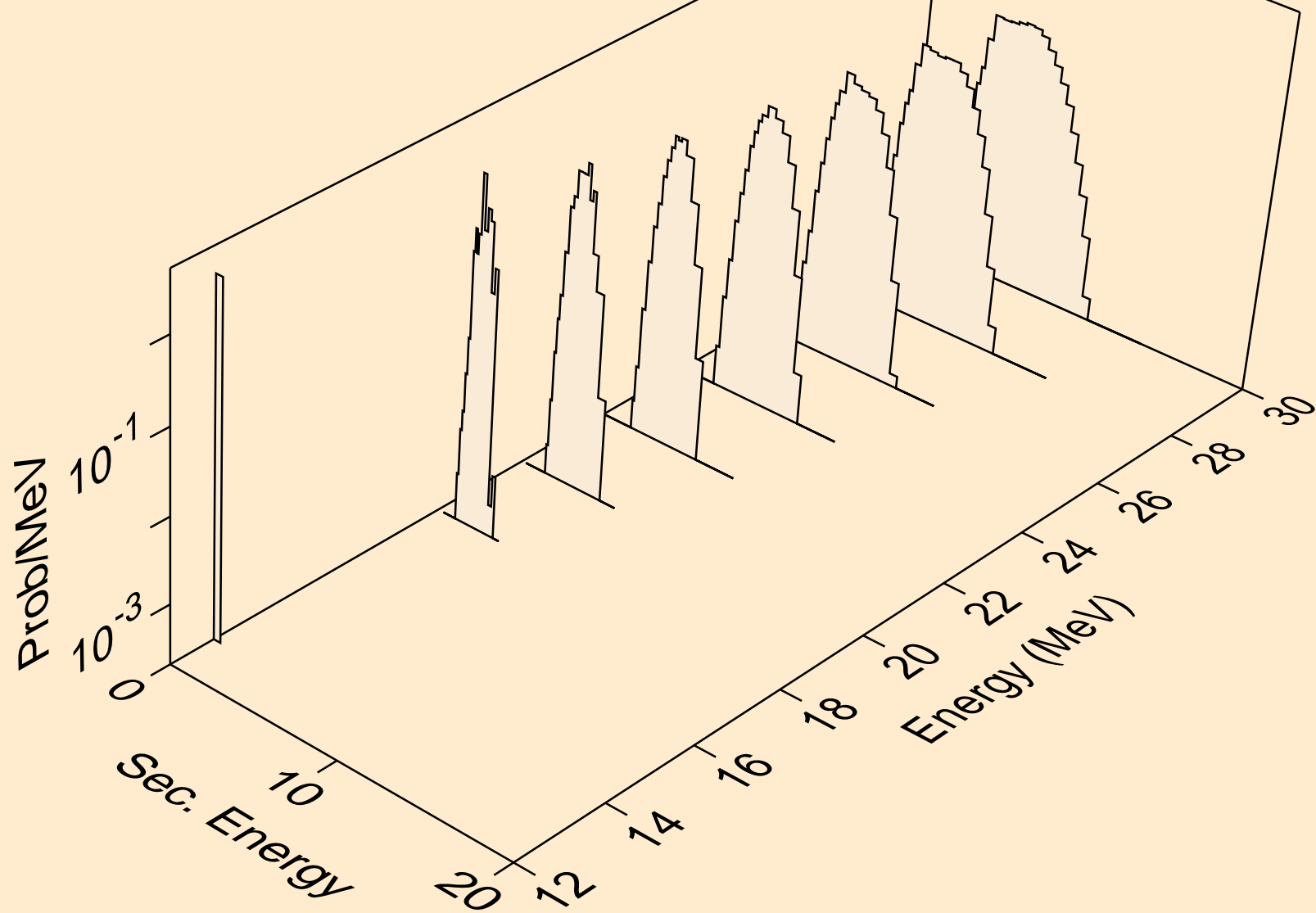
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alphas from (s,3n)a



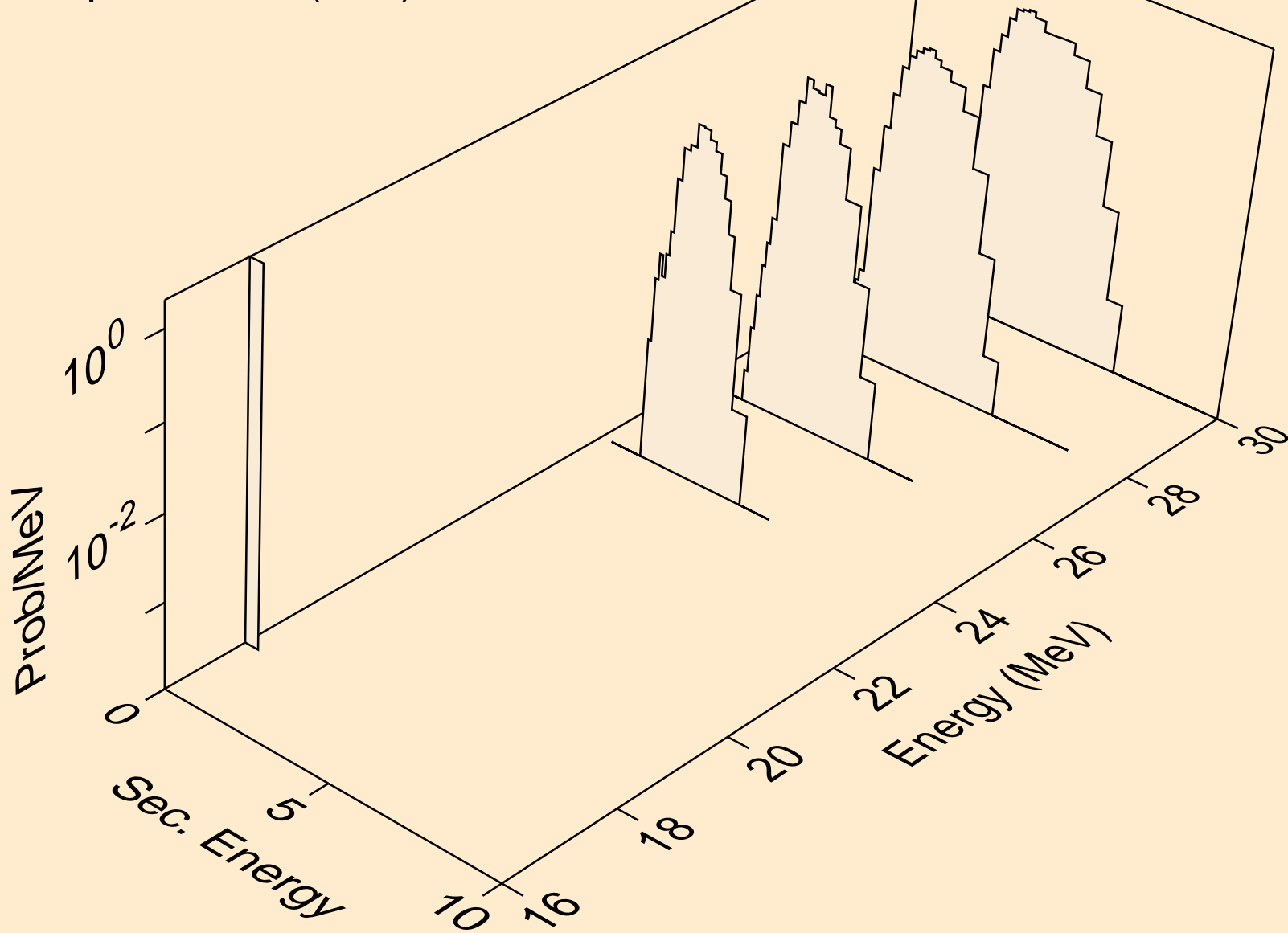
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alphas from (s,n\*)2a



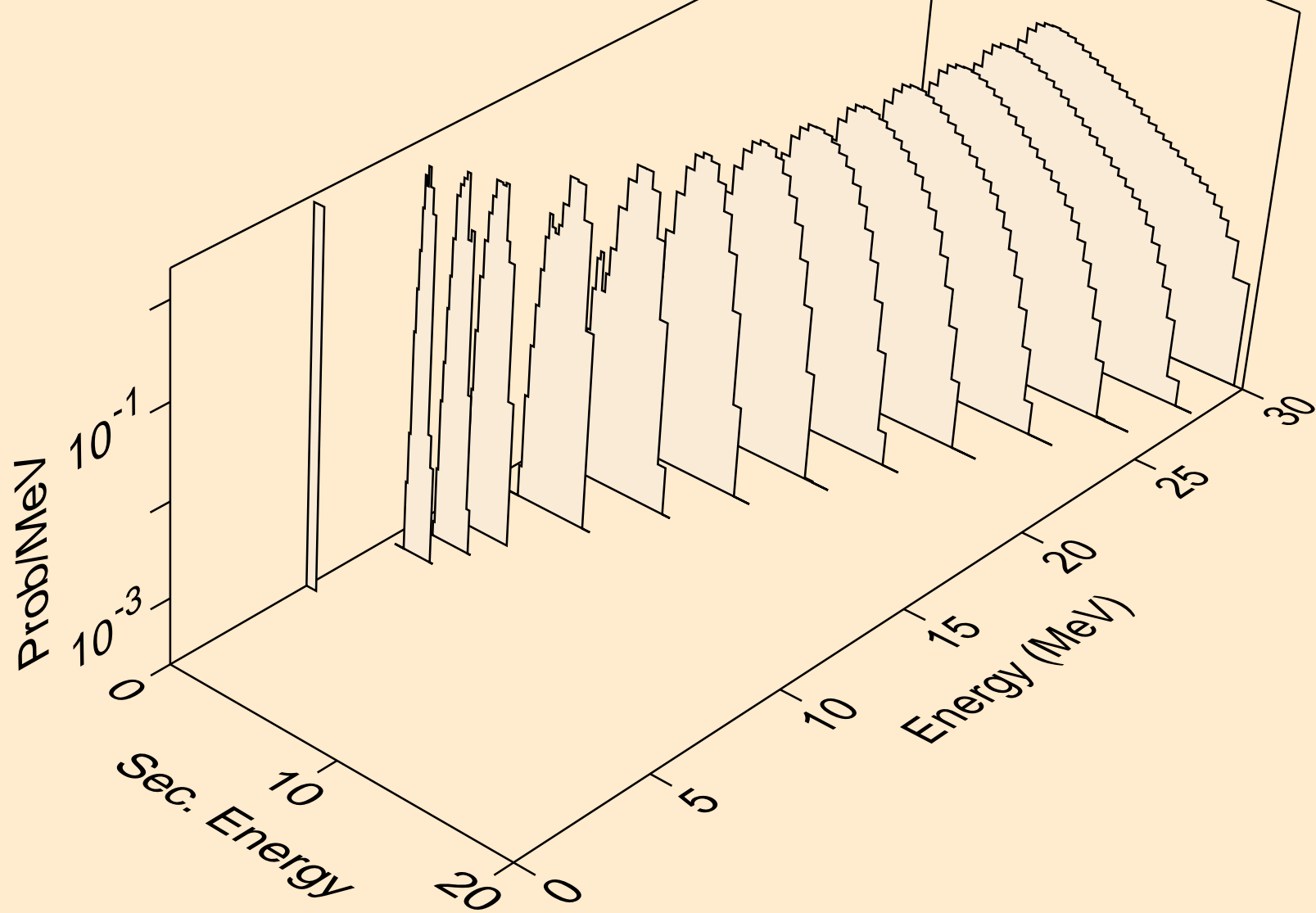
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alphas from (s,2n)2a



K042 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)d2a

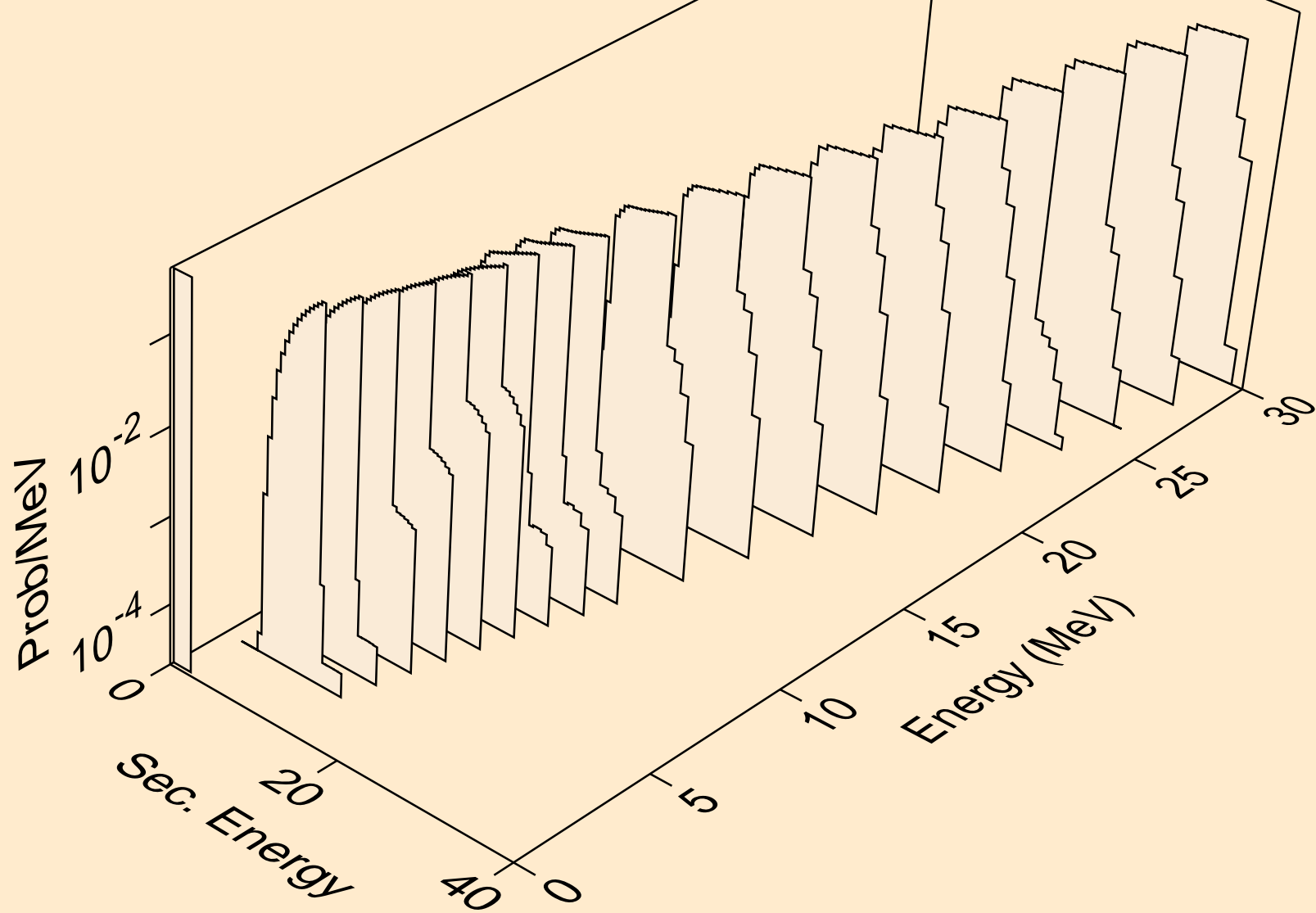


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alphas from (s,npa)

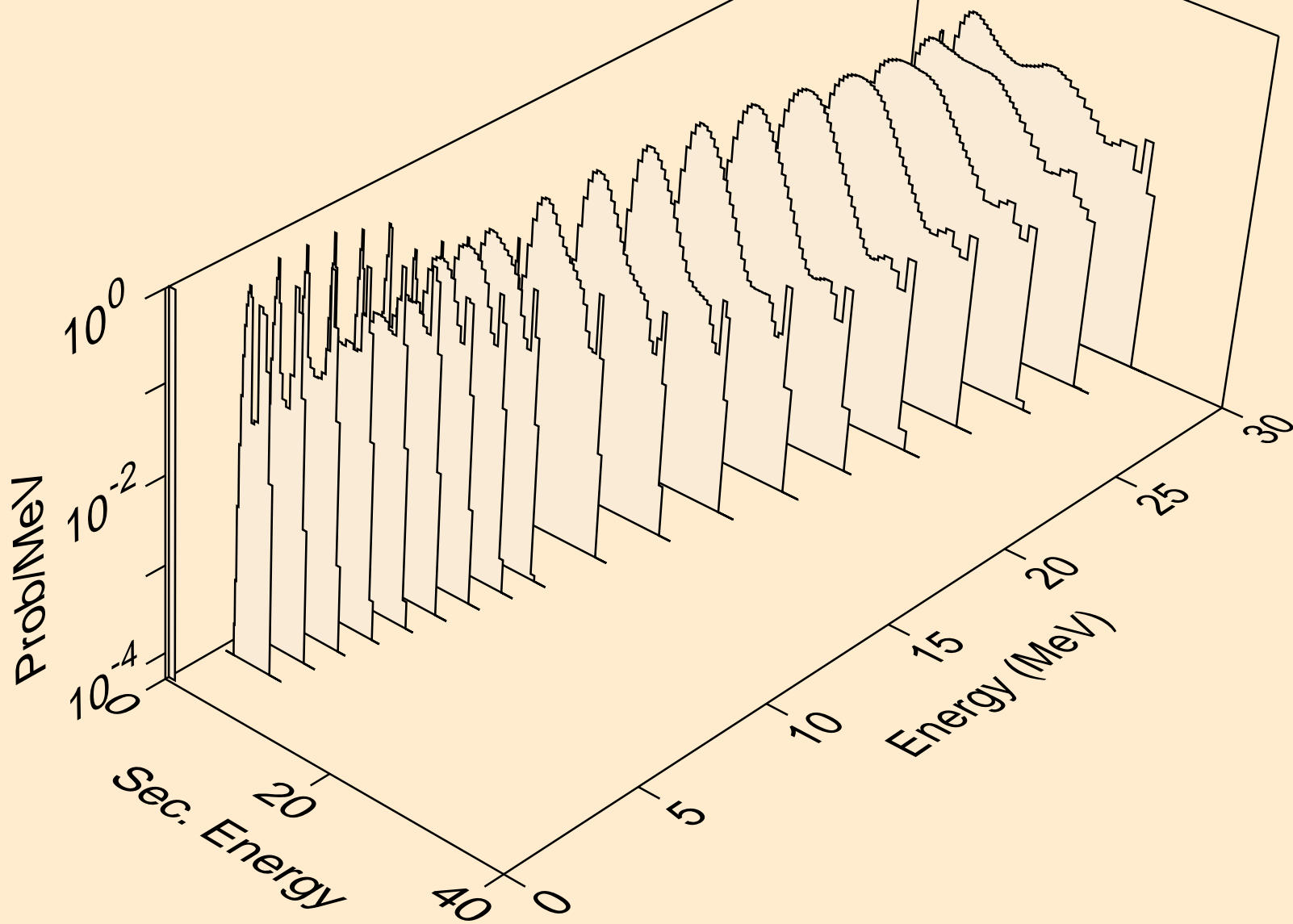




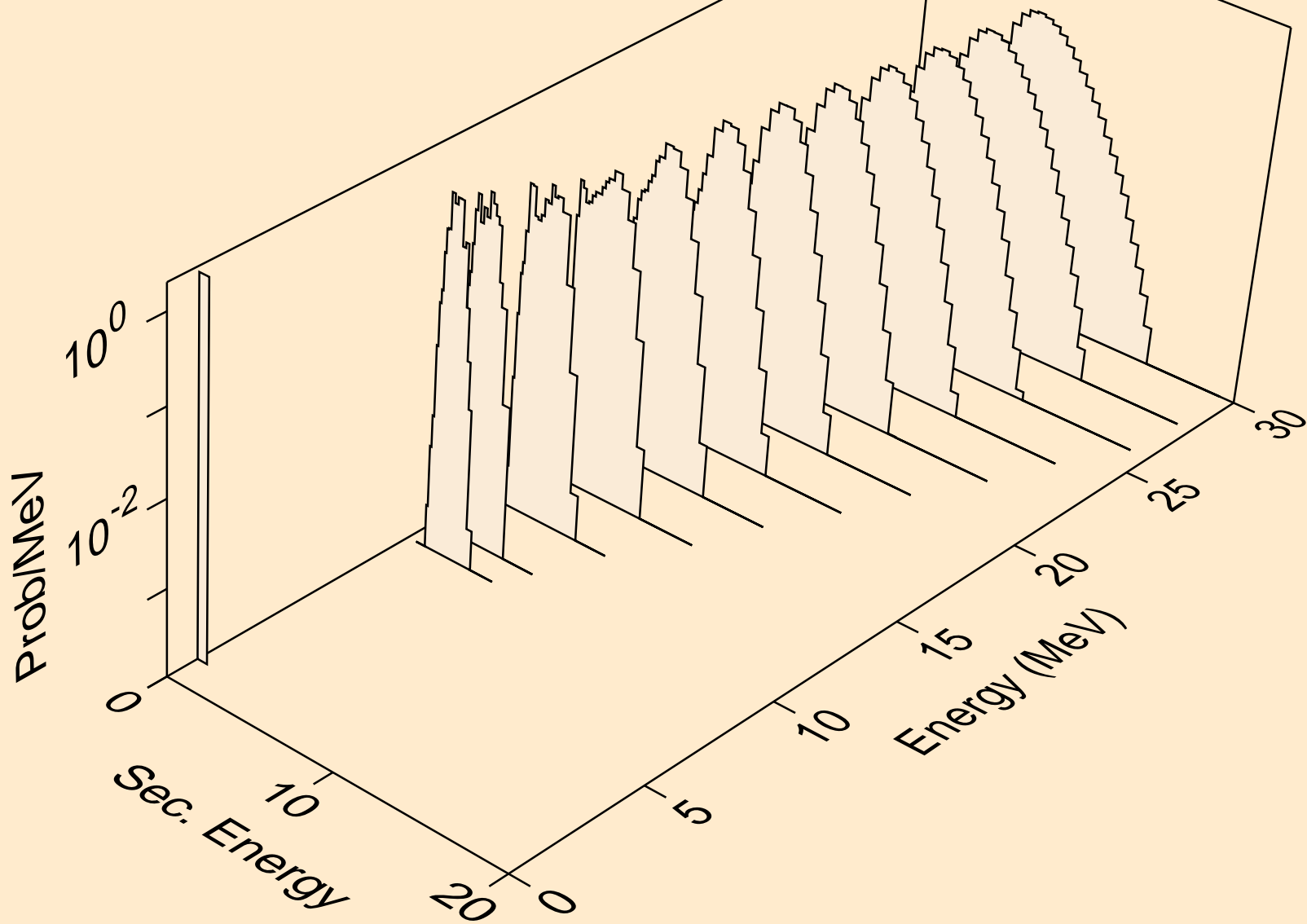
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alphas from (s,a)



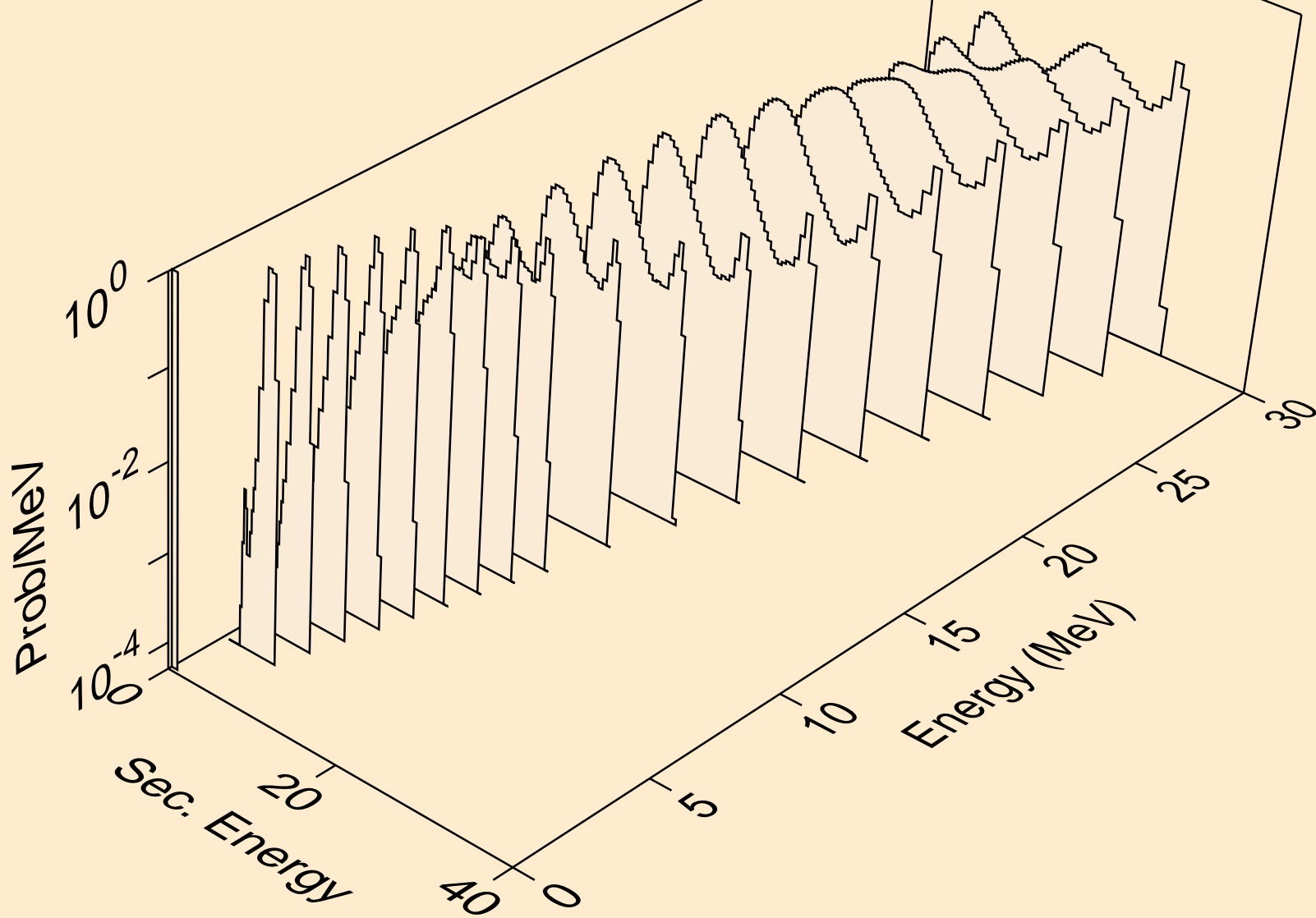
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alphas from (s,2a)



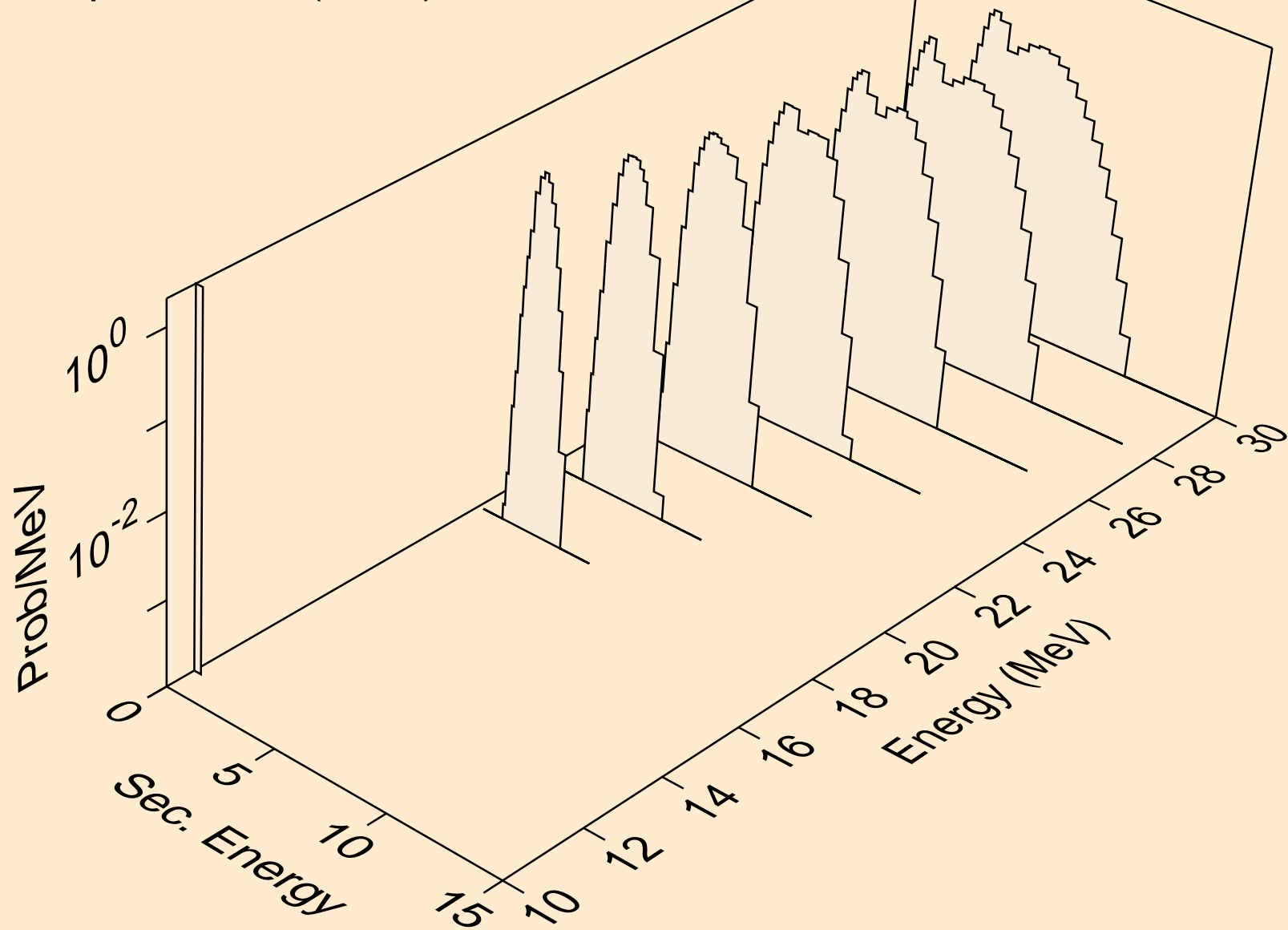
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alphas from (s,3a)



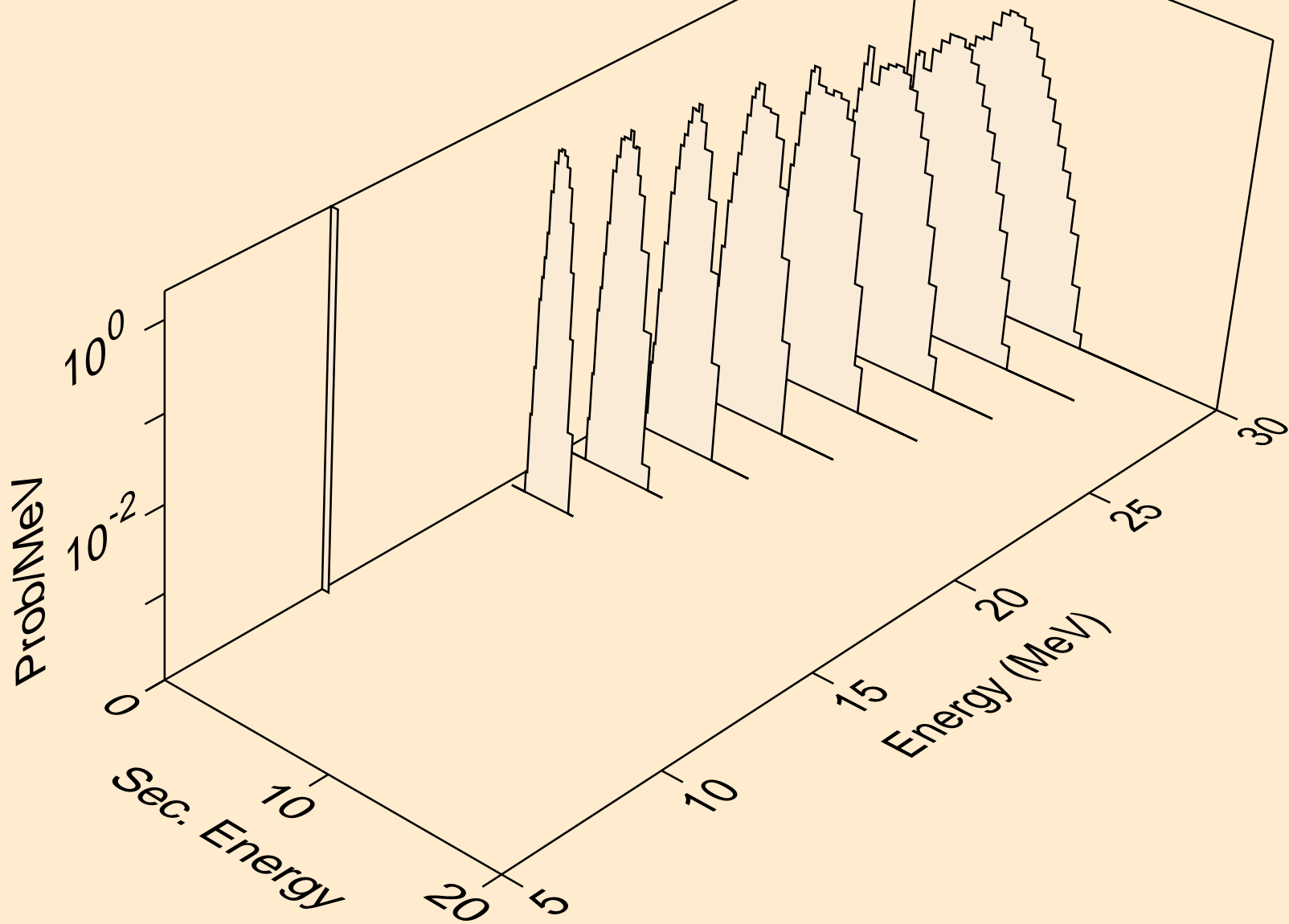
K042 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,pa)



K042 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,t2a)



K042 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,d2a)



K042 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,da)

