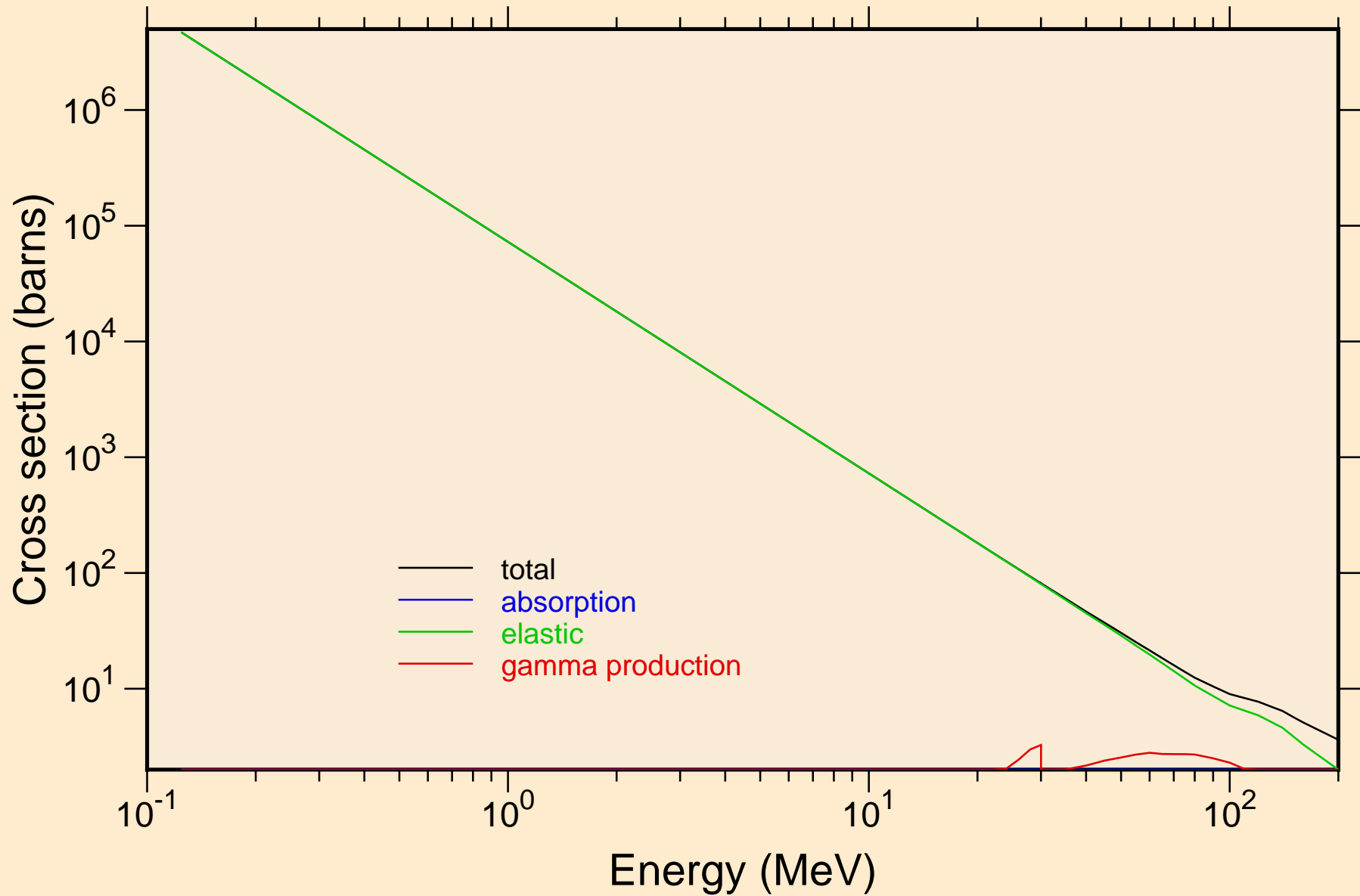
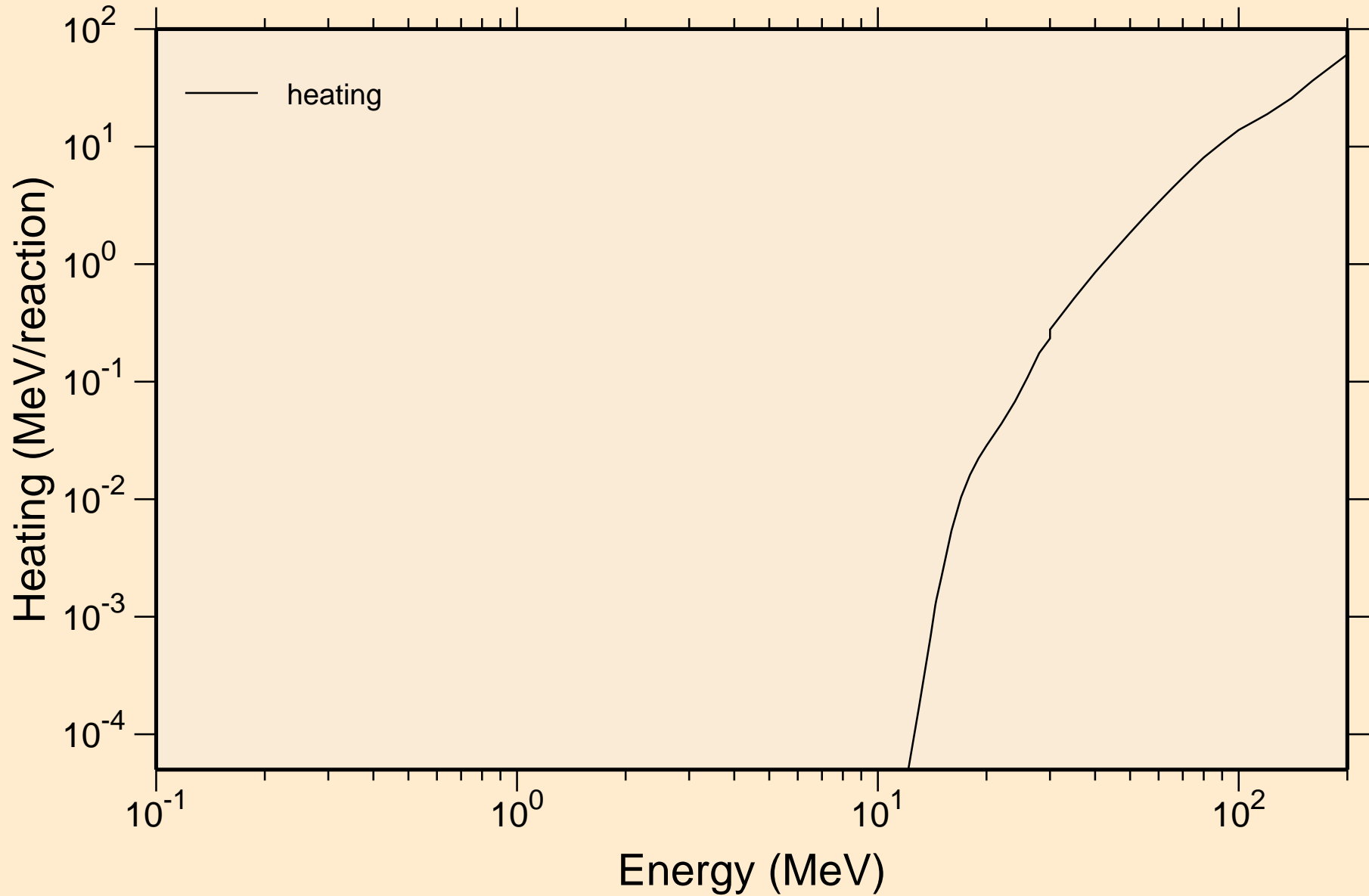


I114 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections



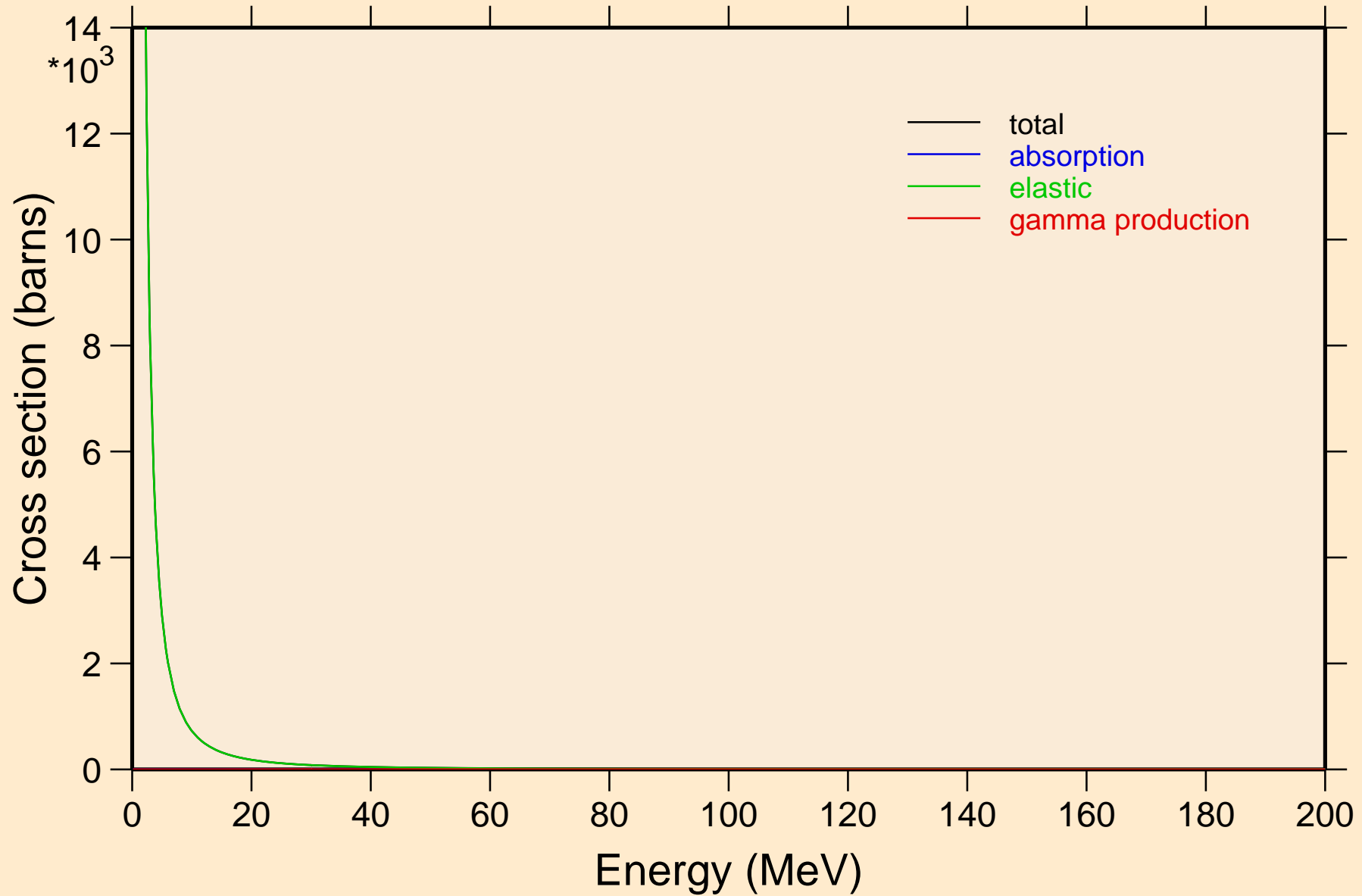
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Heating



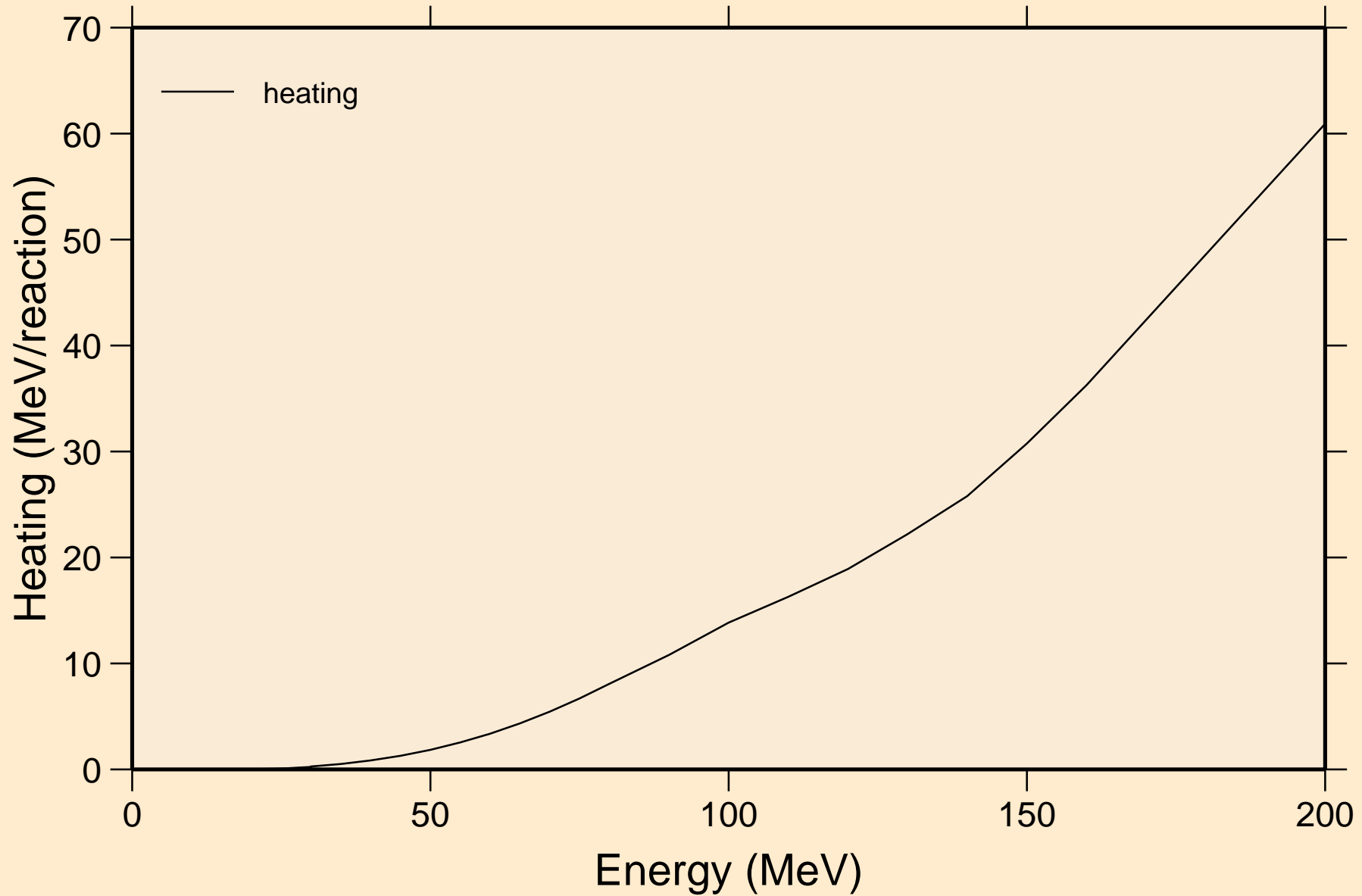
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## Principal cross sections

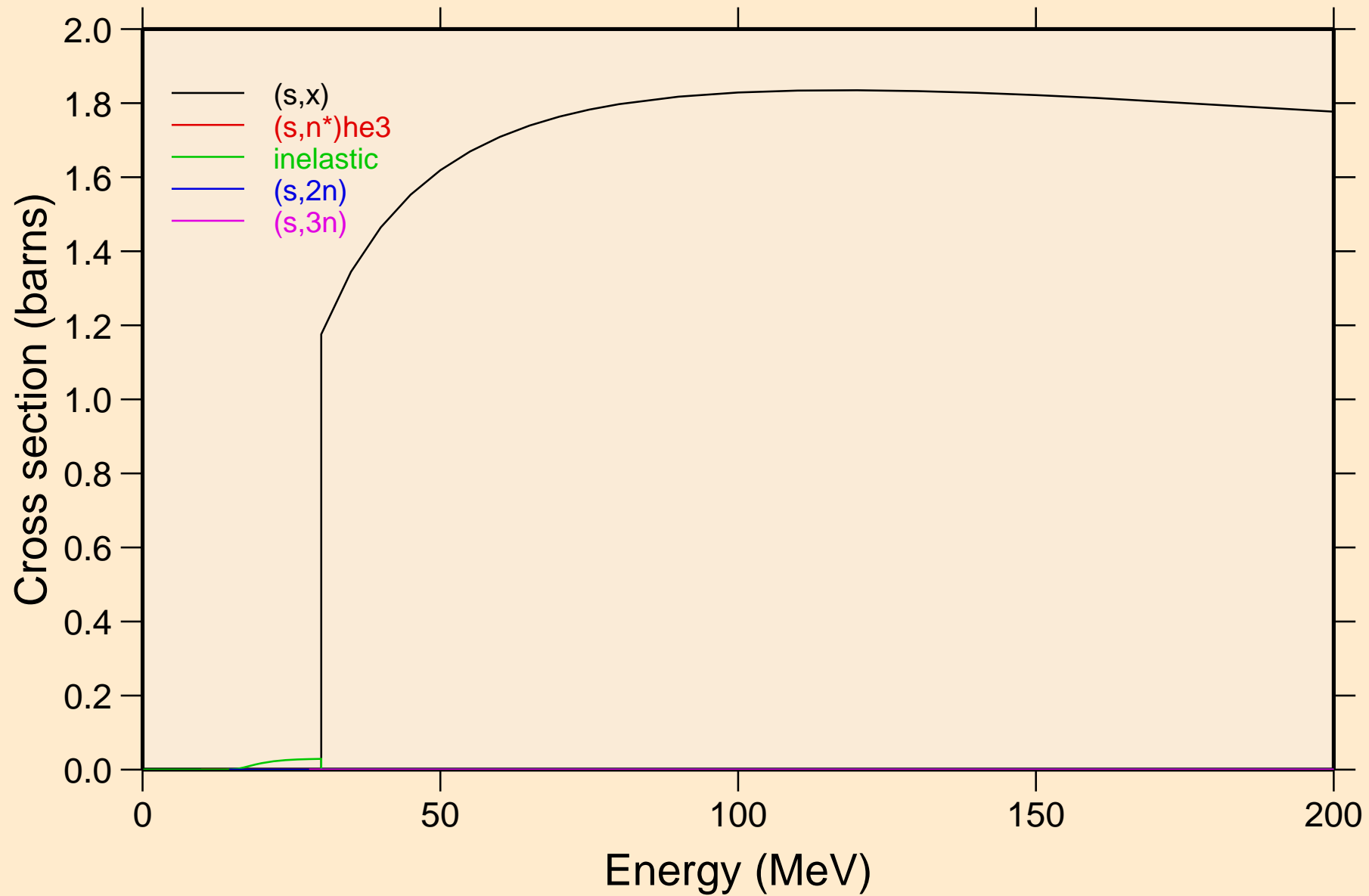


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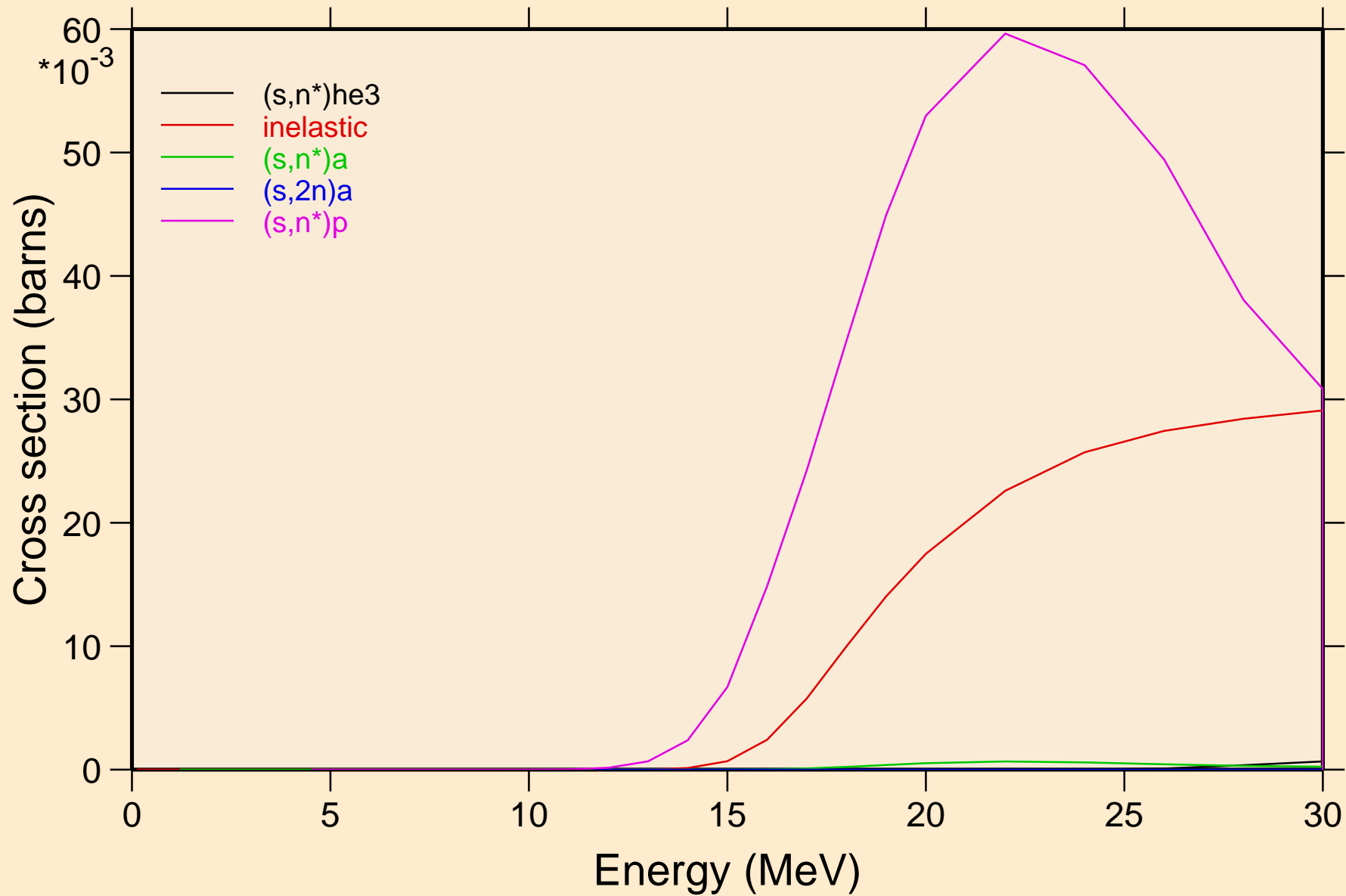
Heating



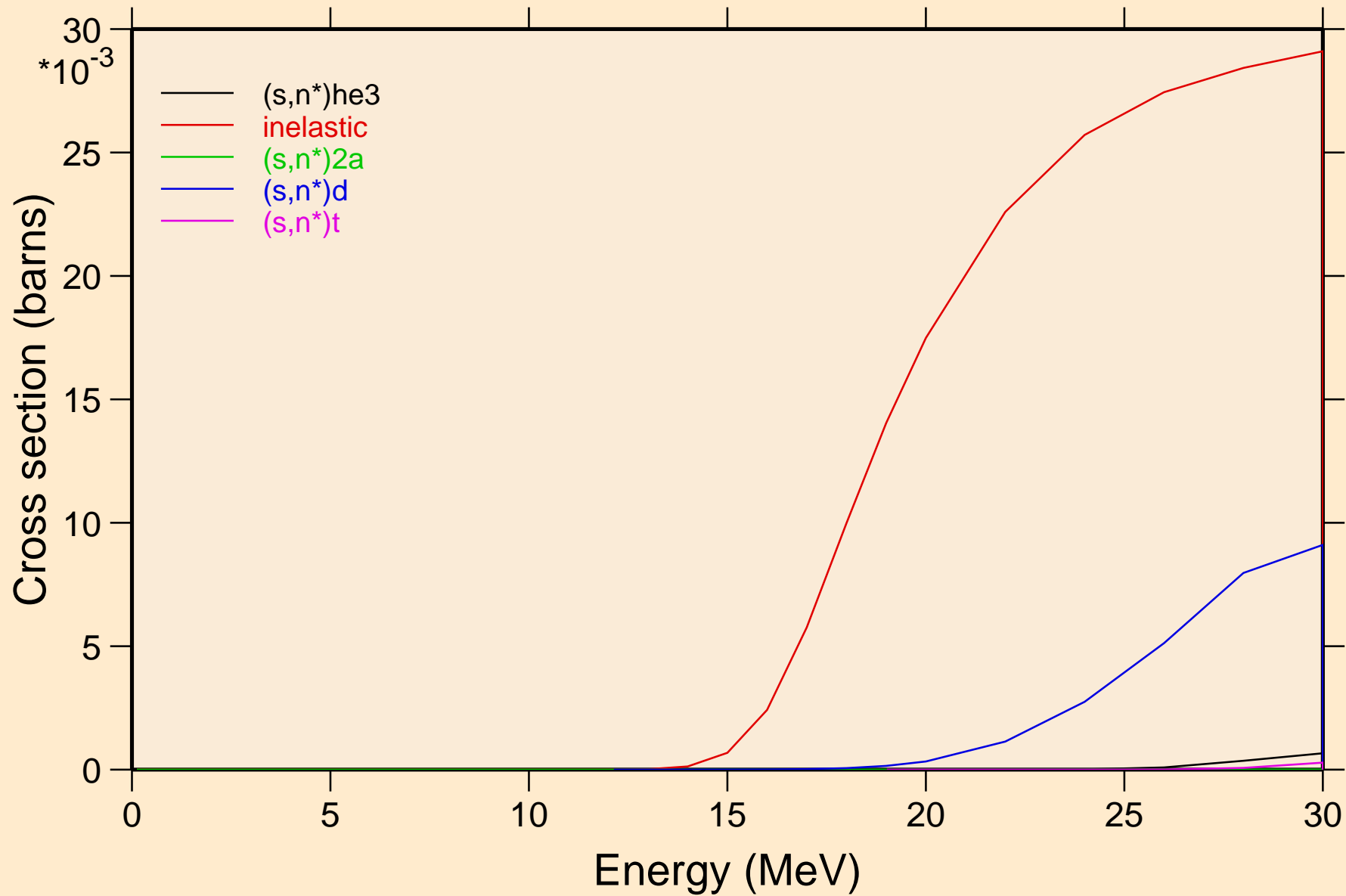
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Threshold reactions



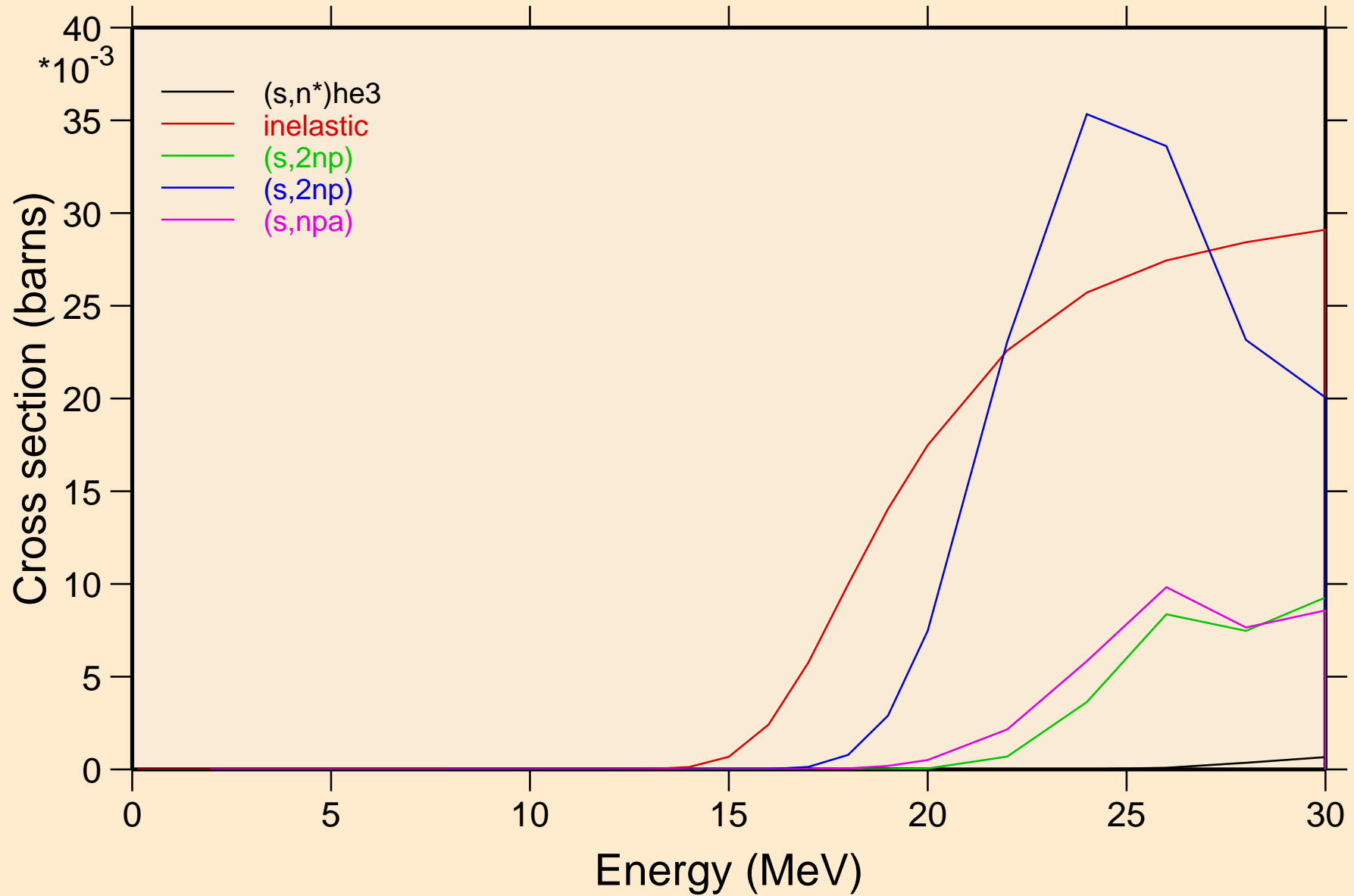
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Threshold reactions



I114 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

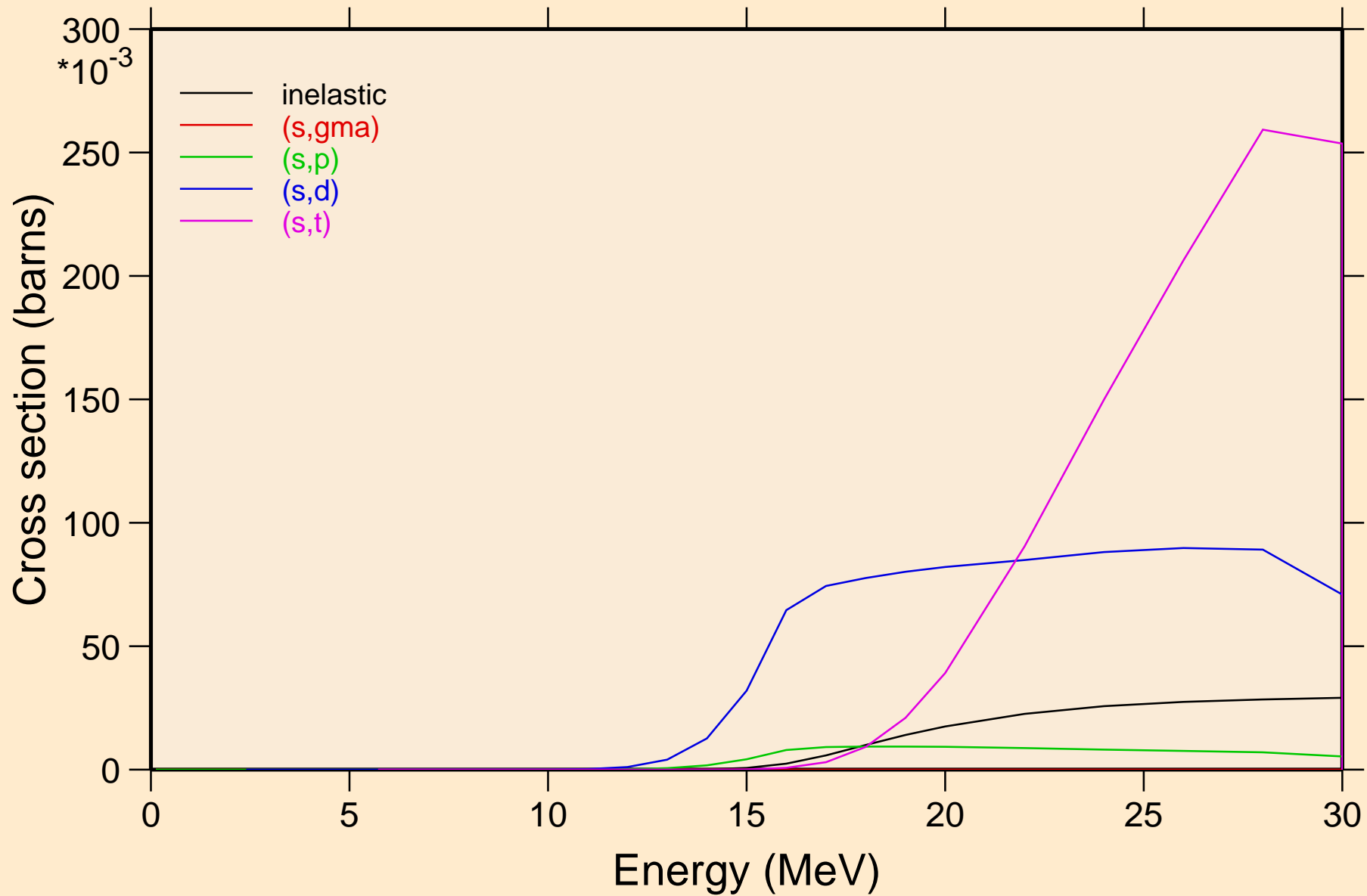


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Threshold reactions

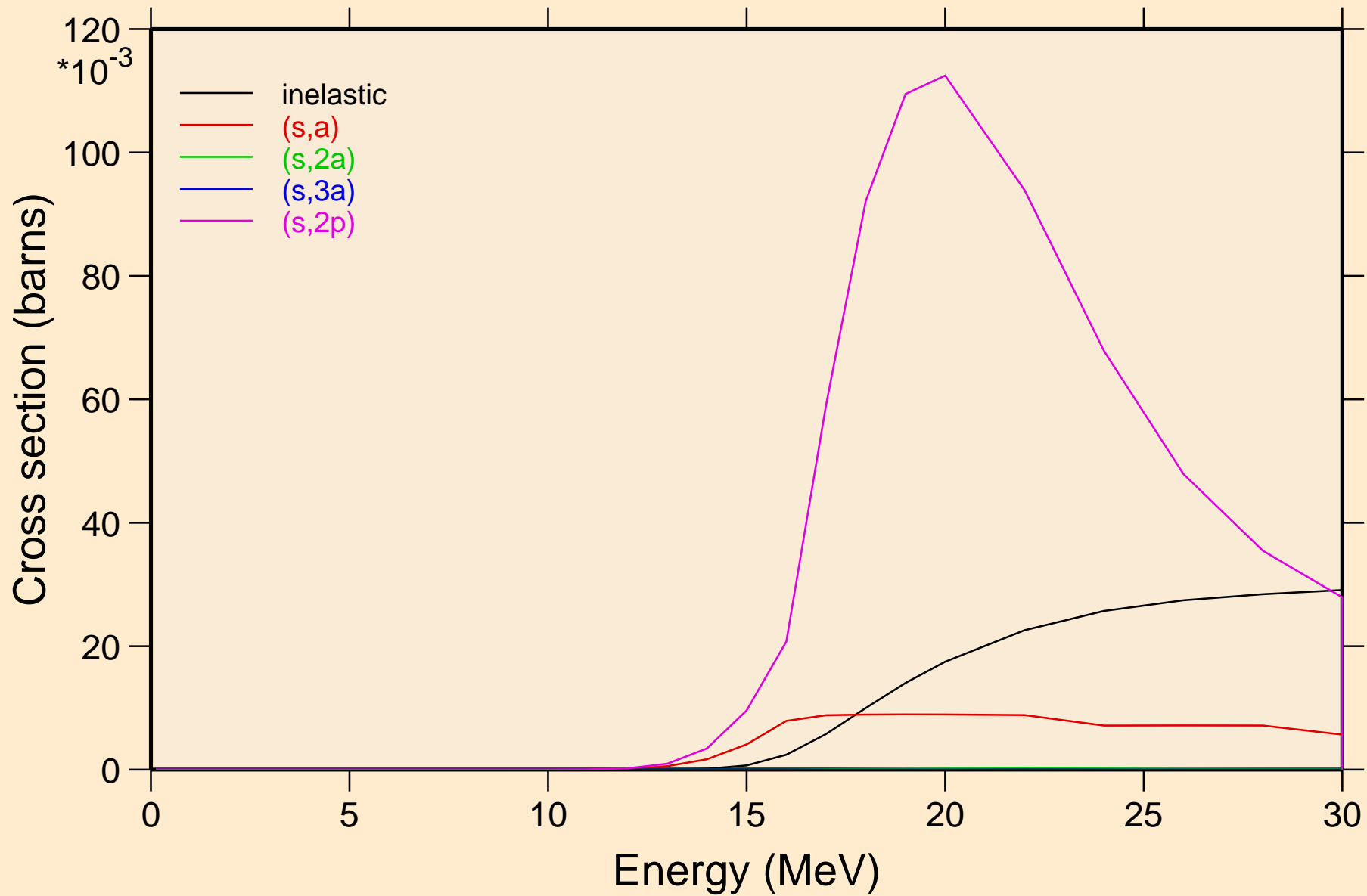




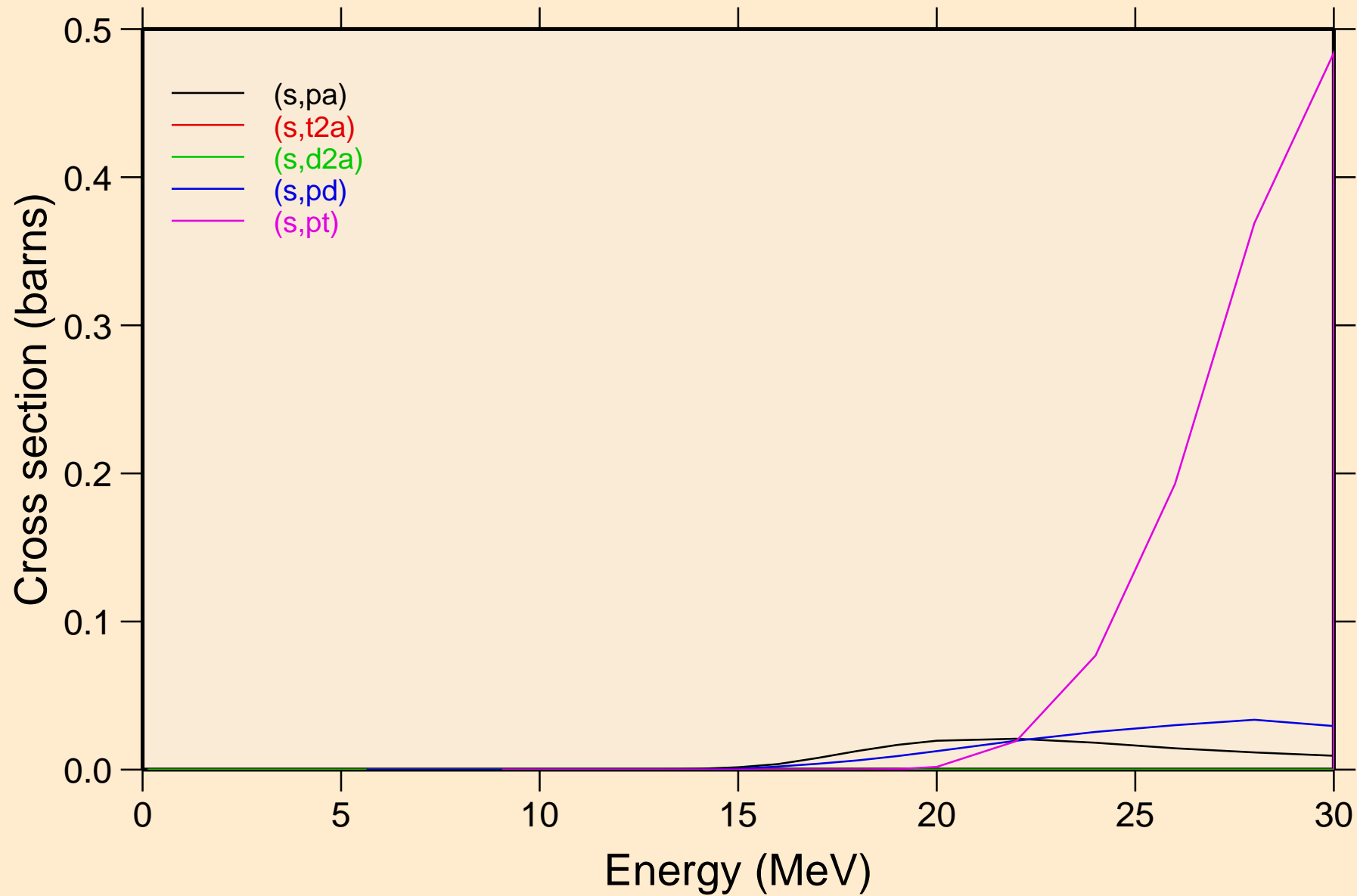
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Threshold reactions



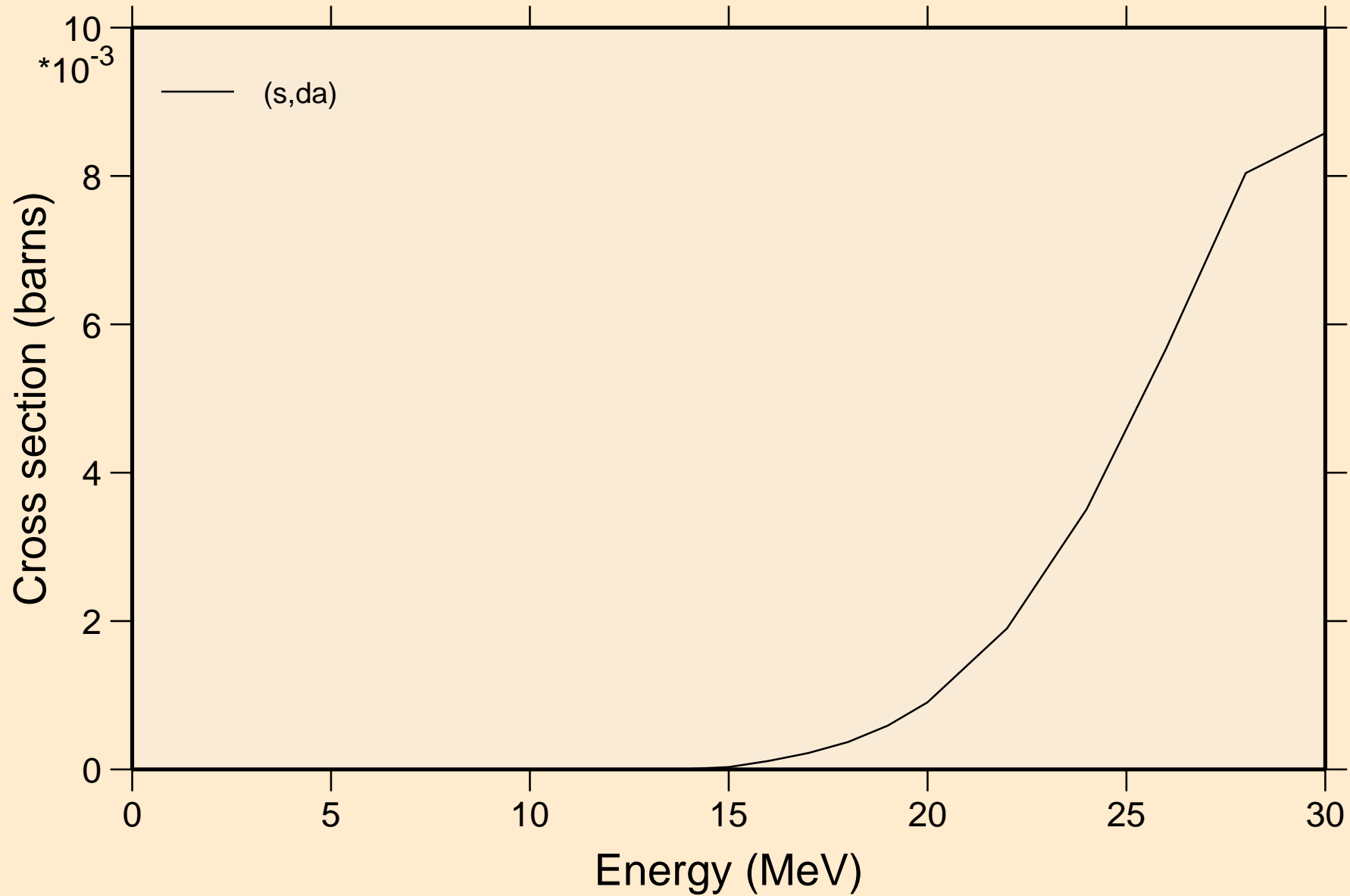
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Threshold reactions



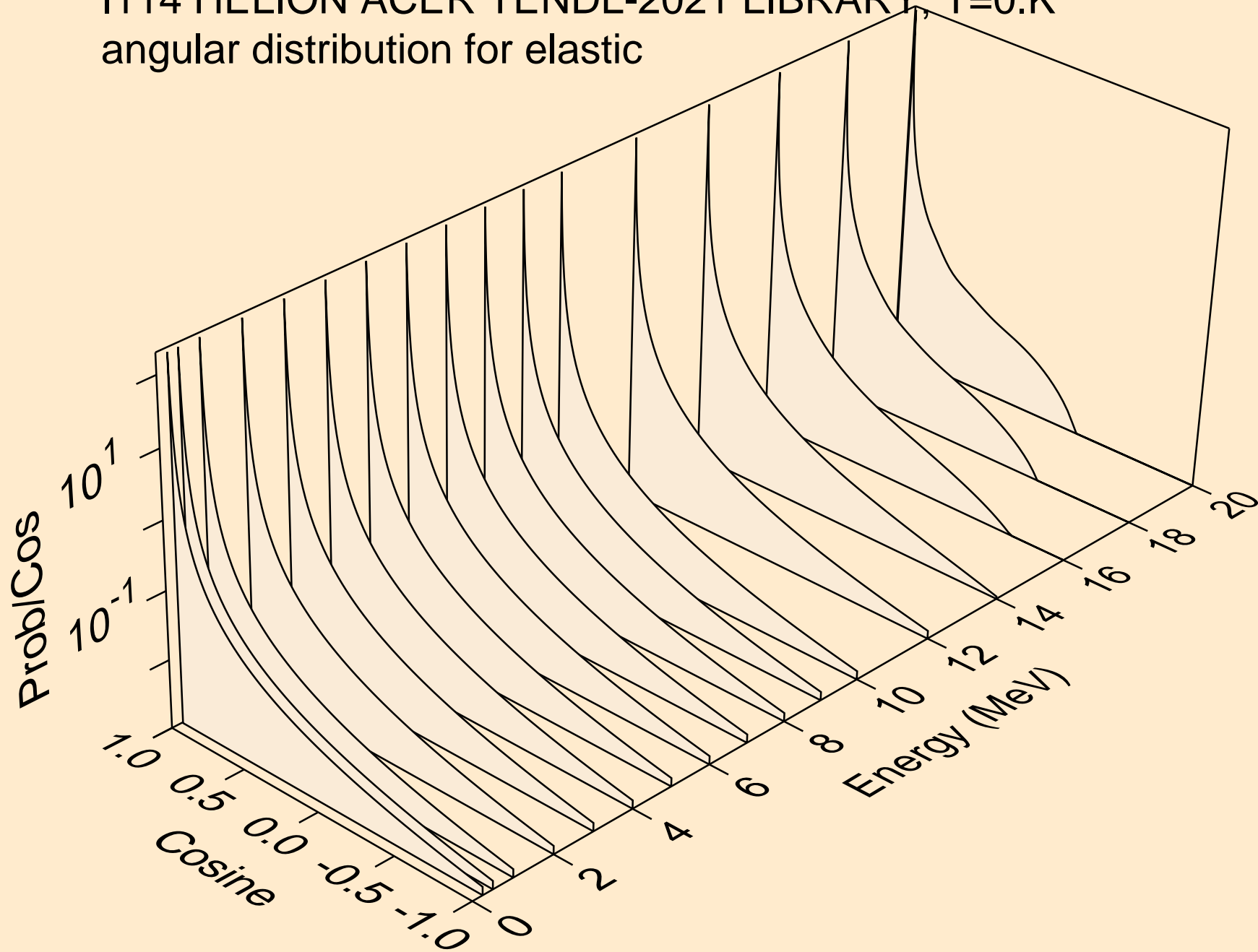
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Threshold reactions



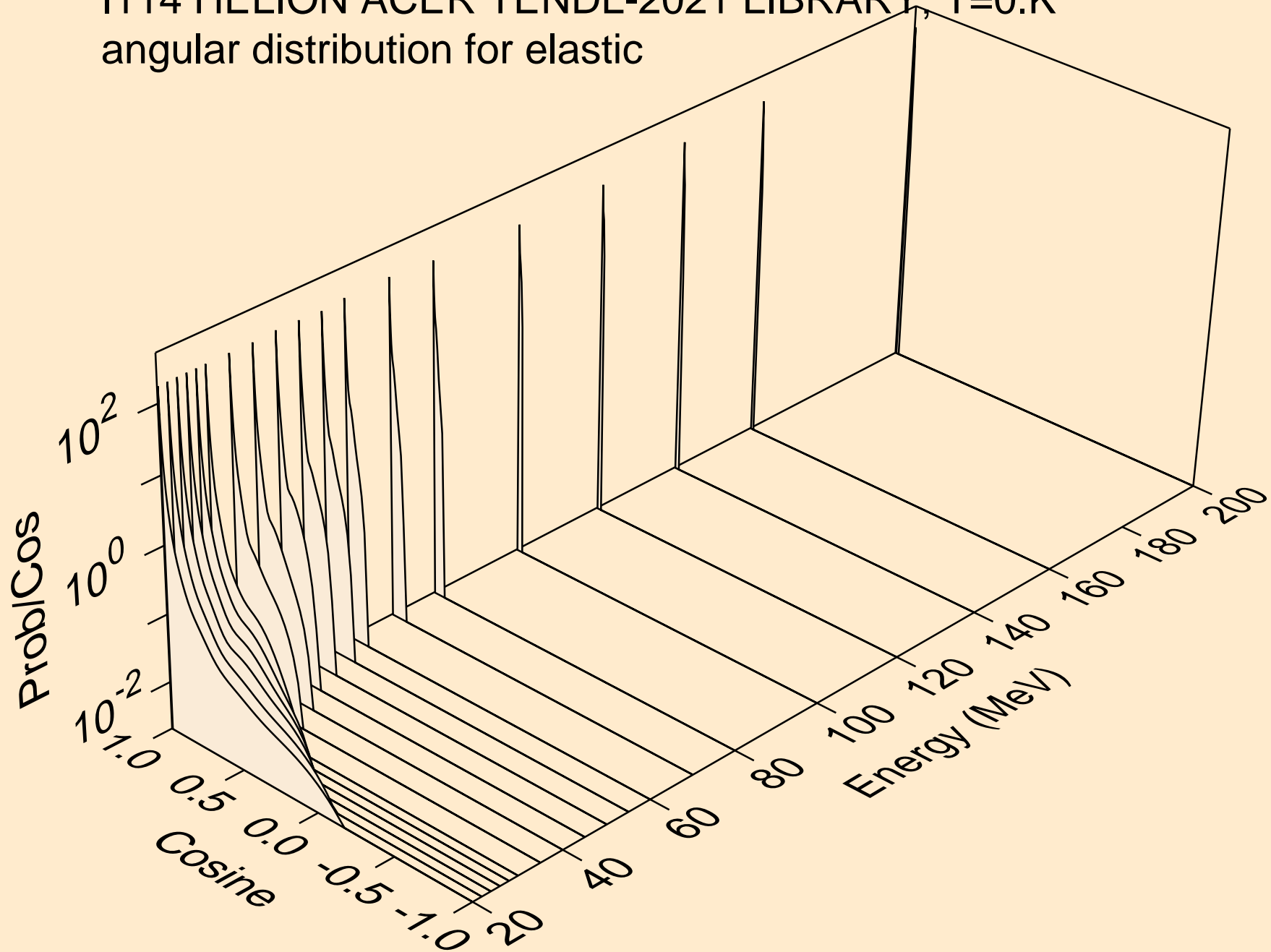
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Threshold reactions



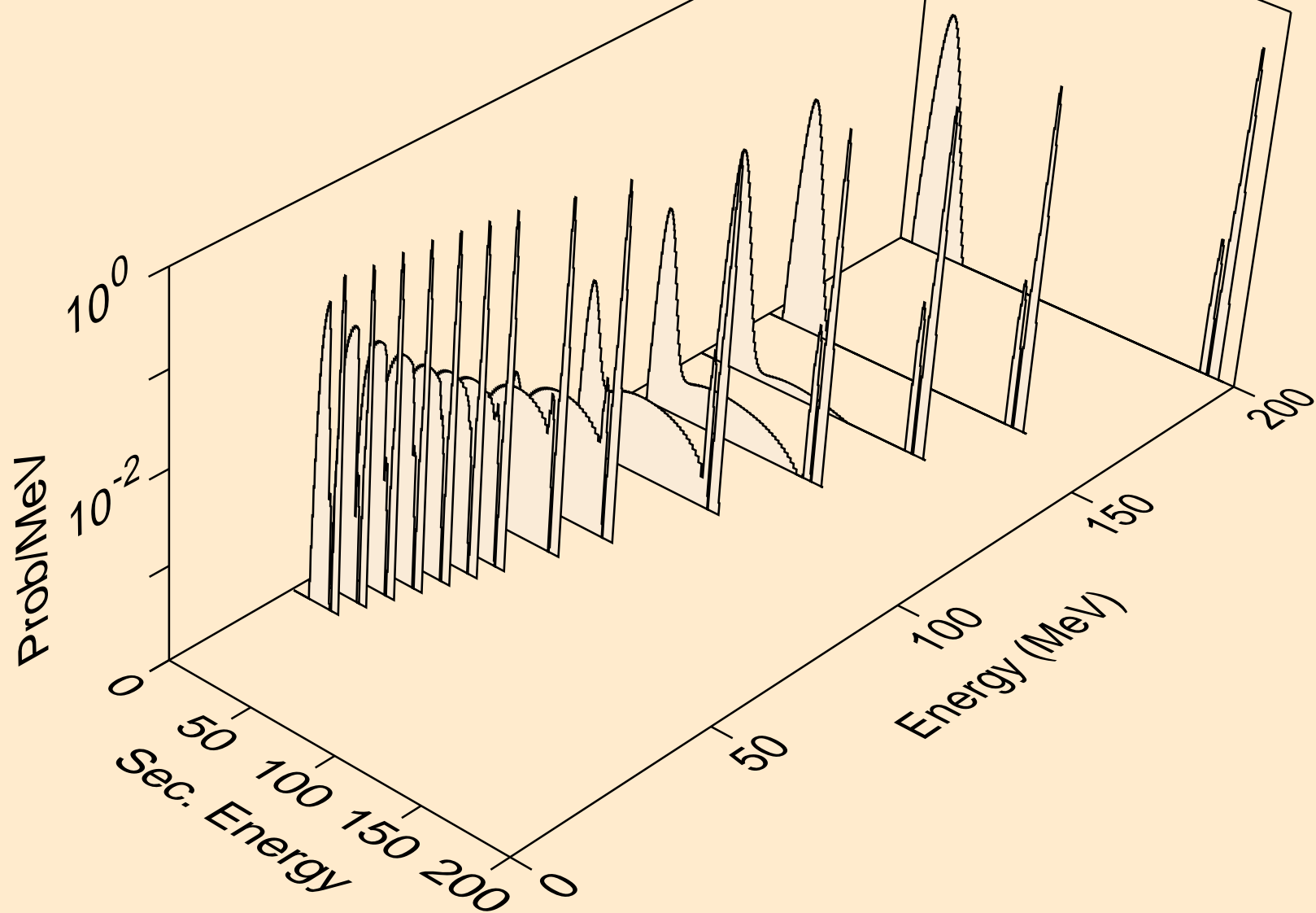
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angular distribution for elastic



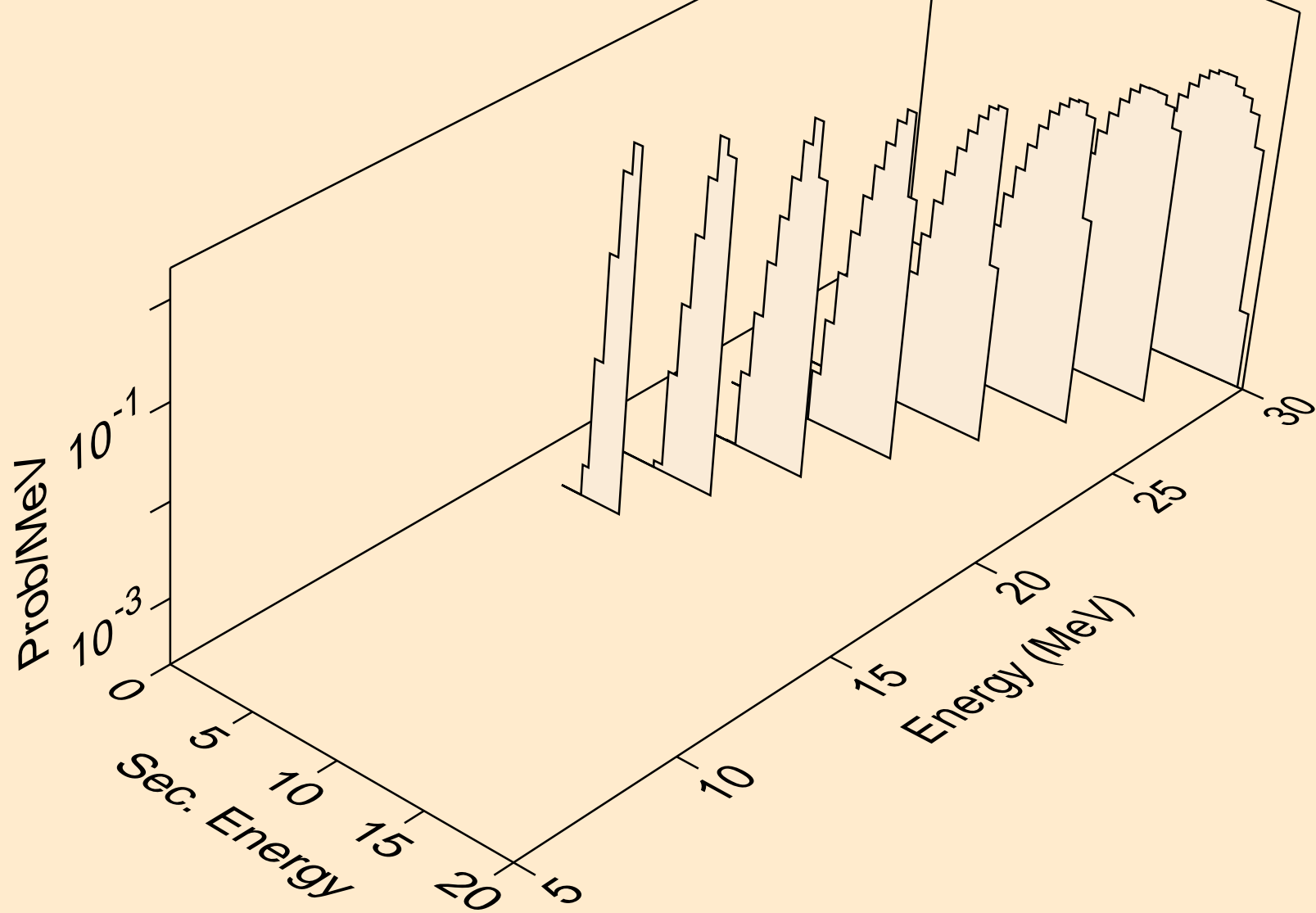
I114 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



I114 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,x)

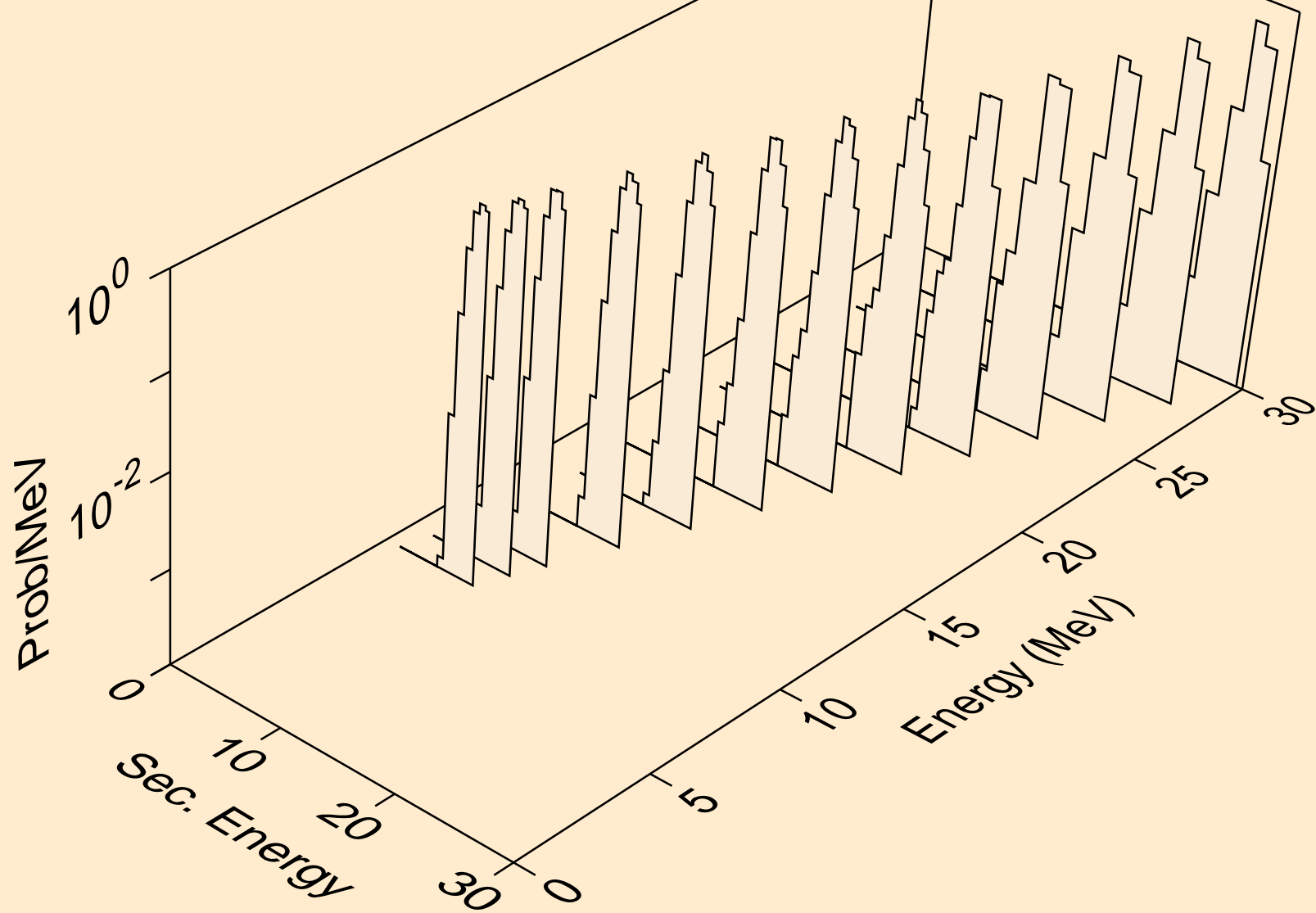


I114 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

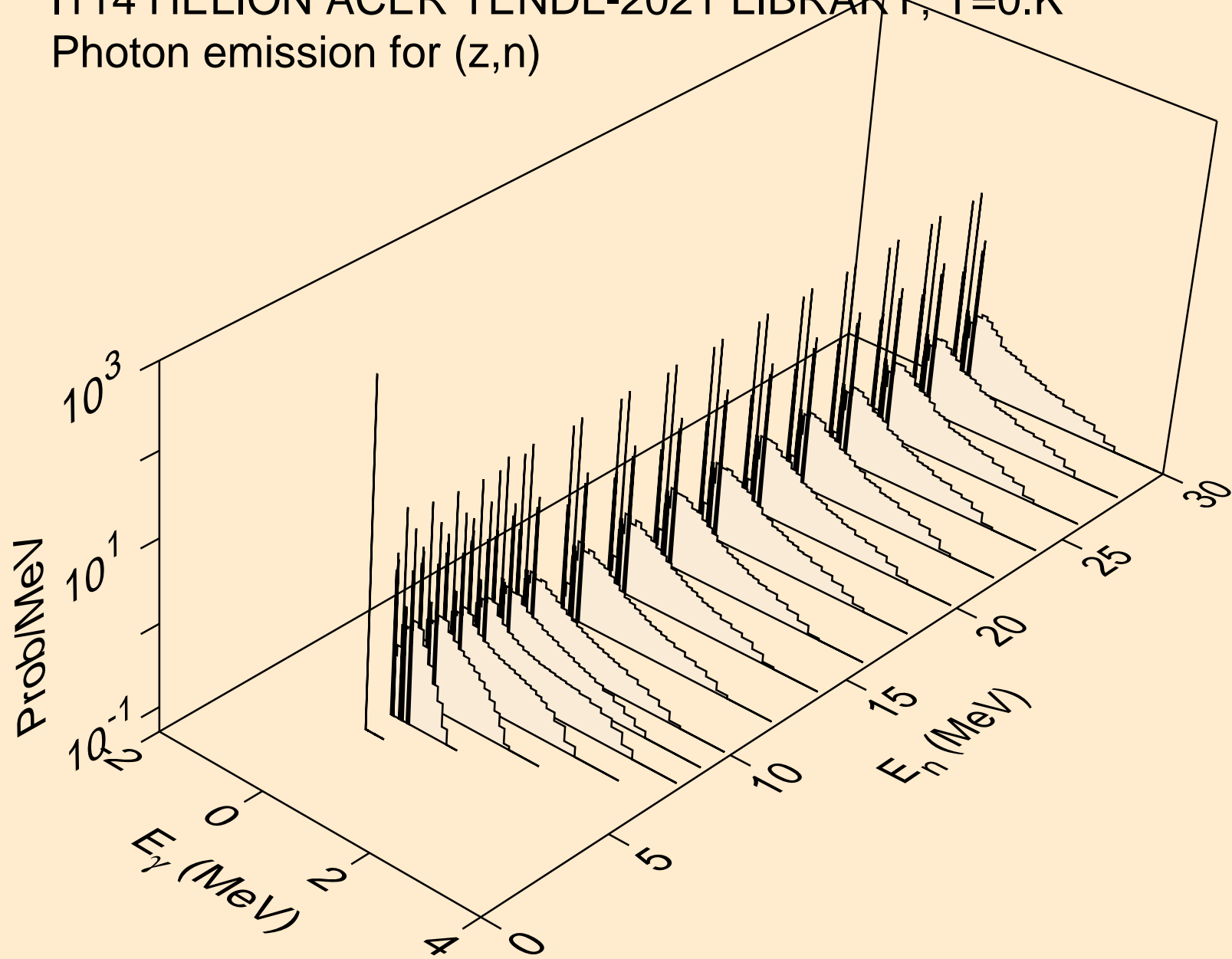




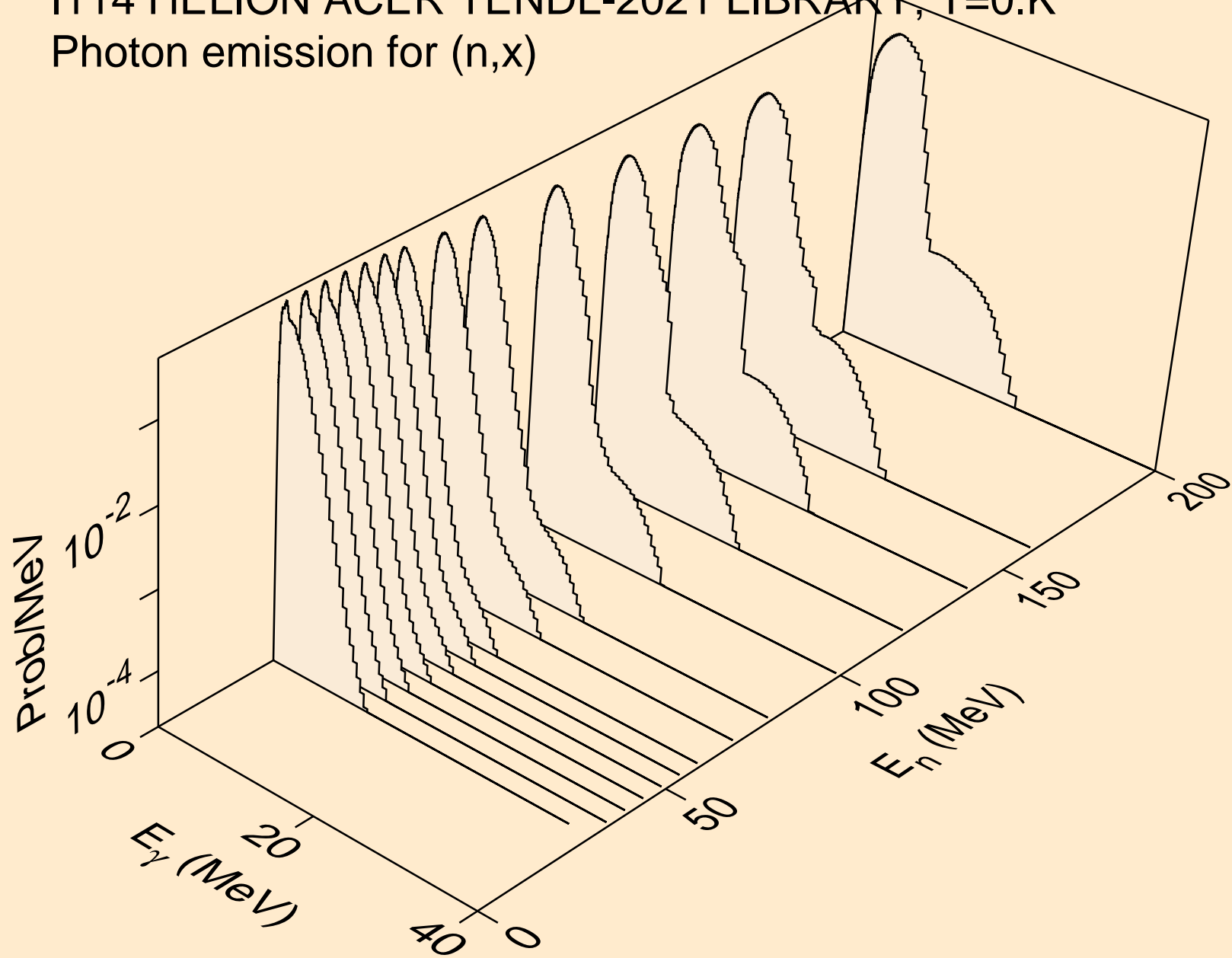
I114 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for inelastic



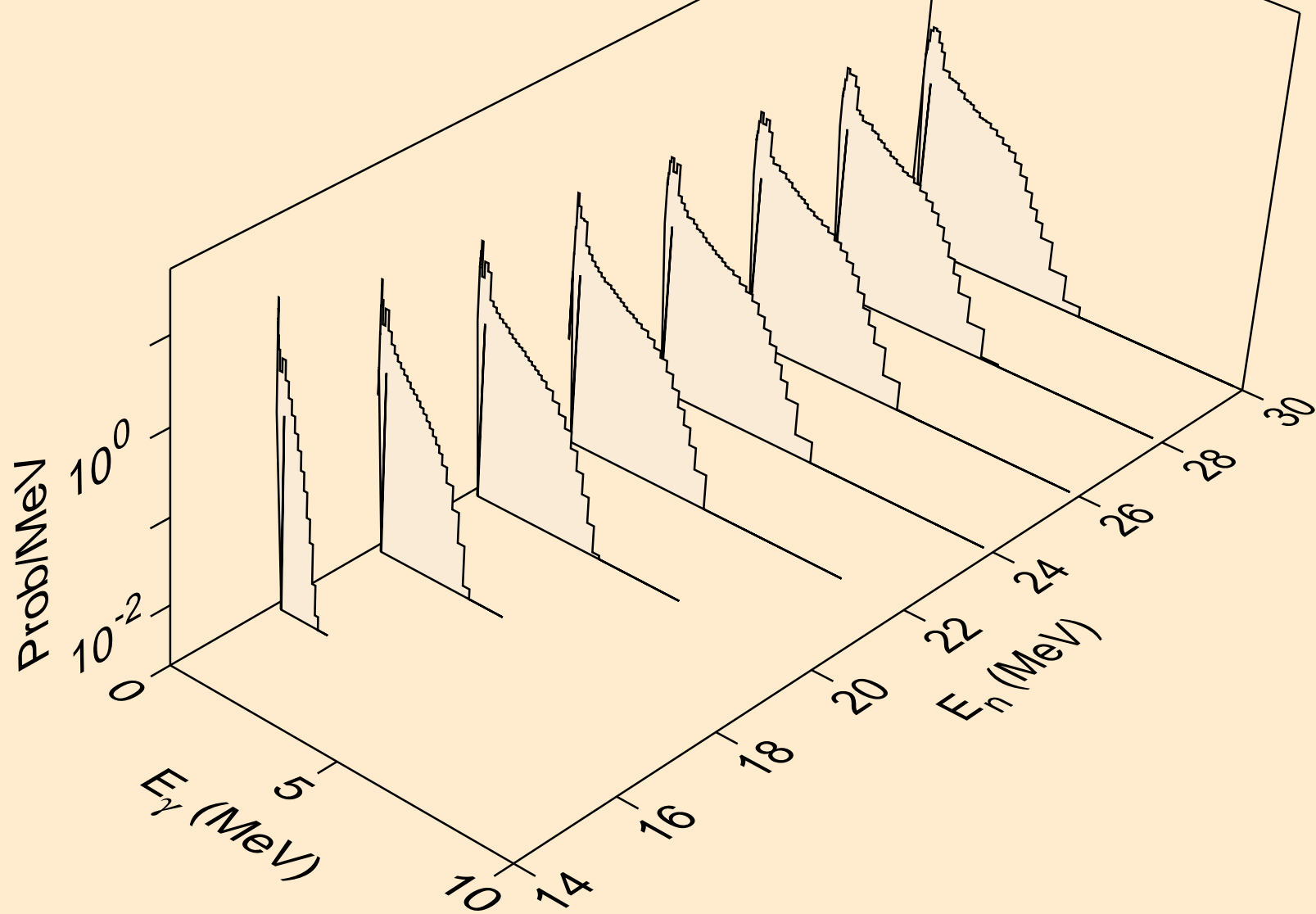
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Photon emission for (z,n)



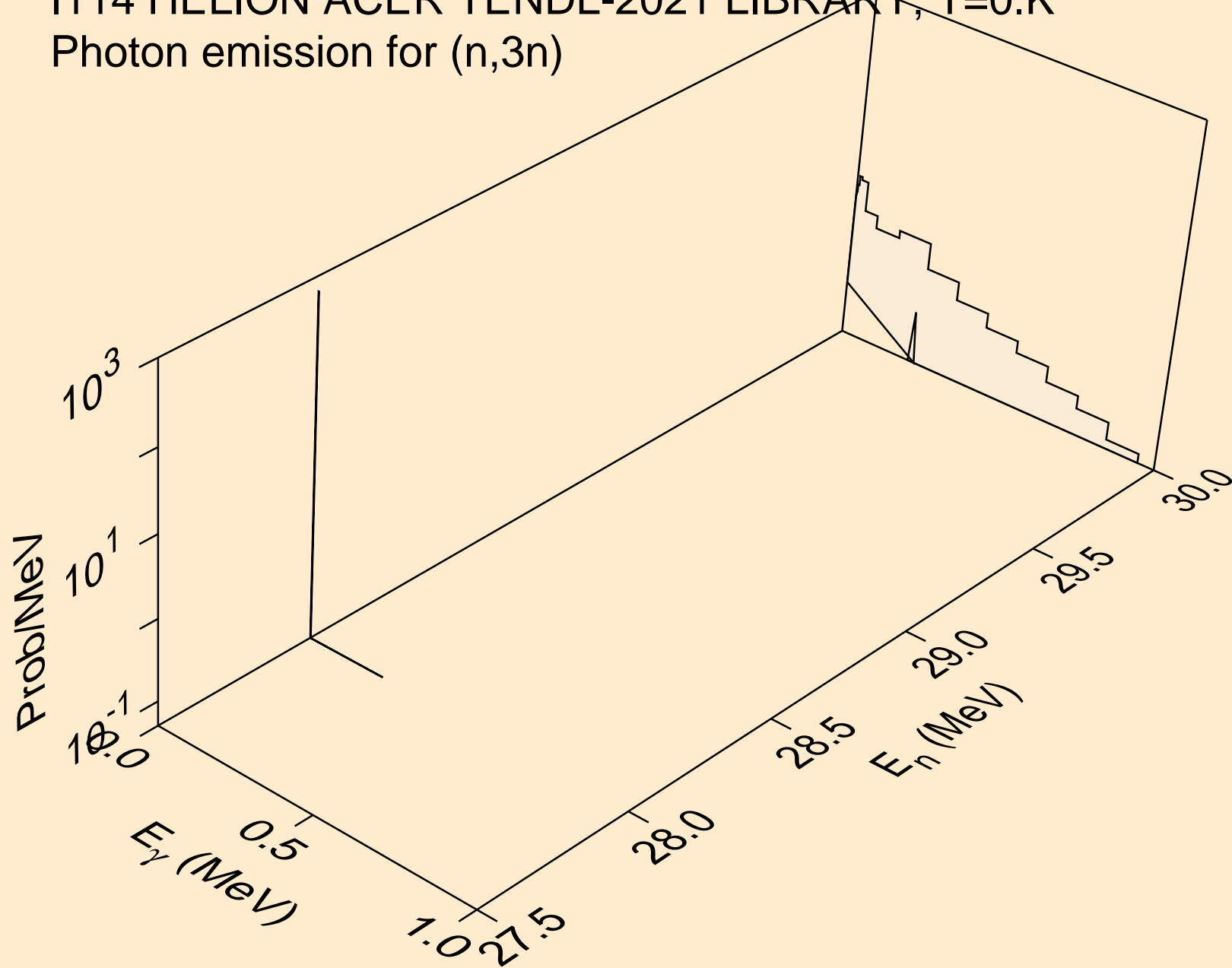
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Photon emission for (n,x)



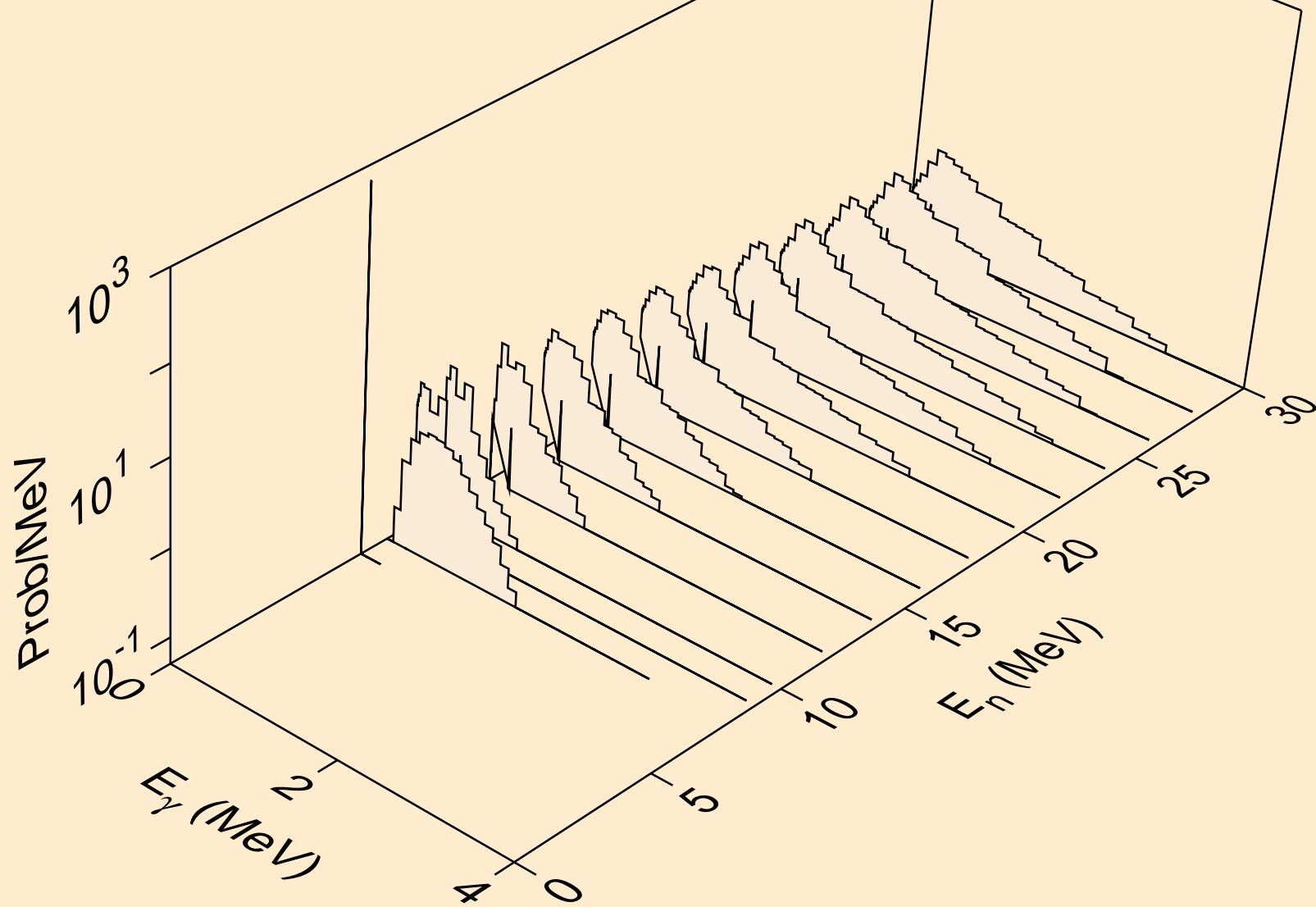
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Photon emission for (n,2n)



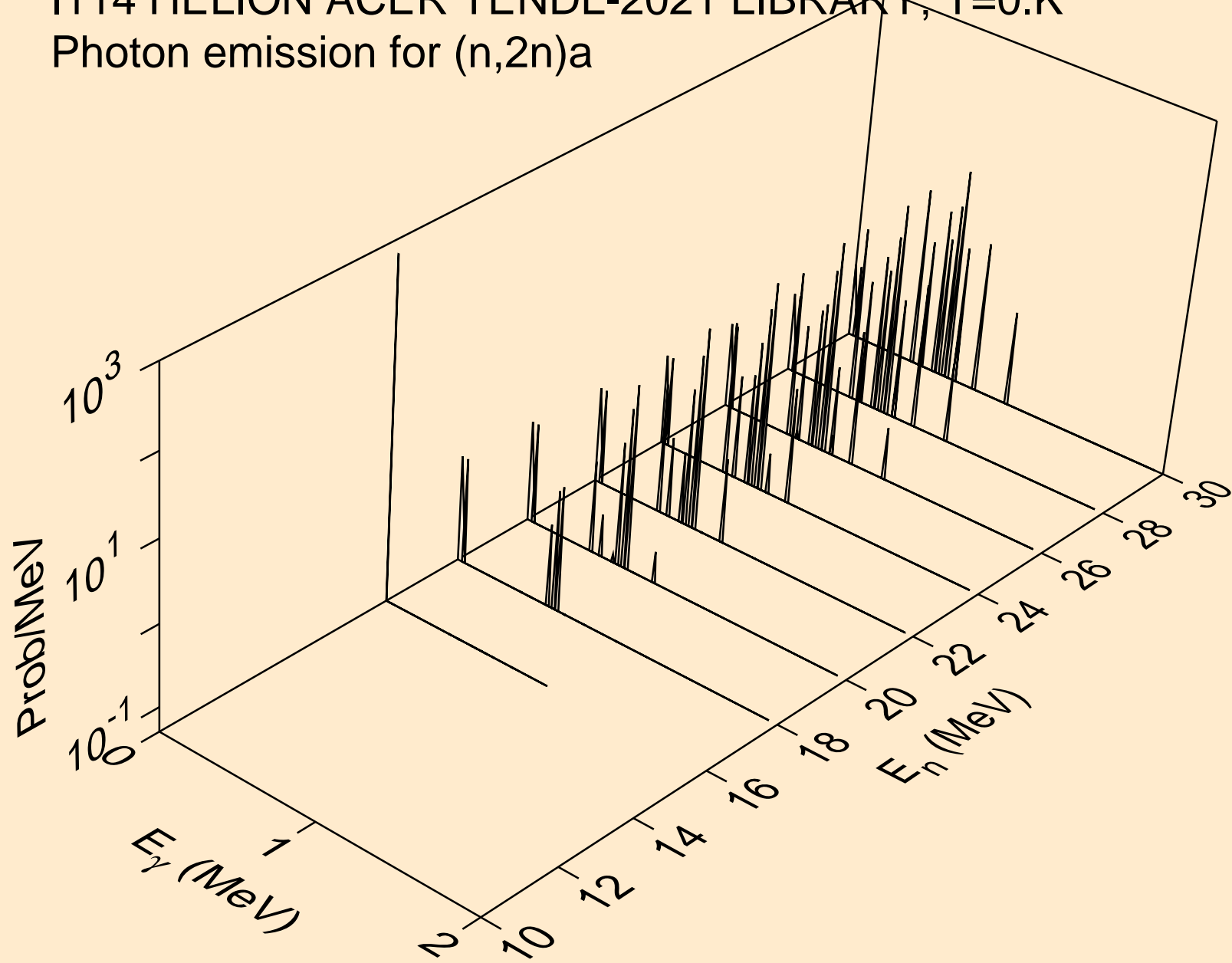
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Photon emission for (n,3n)



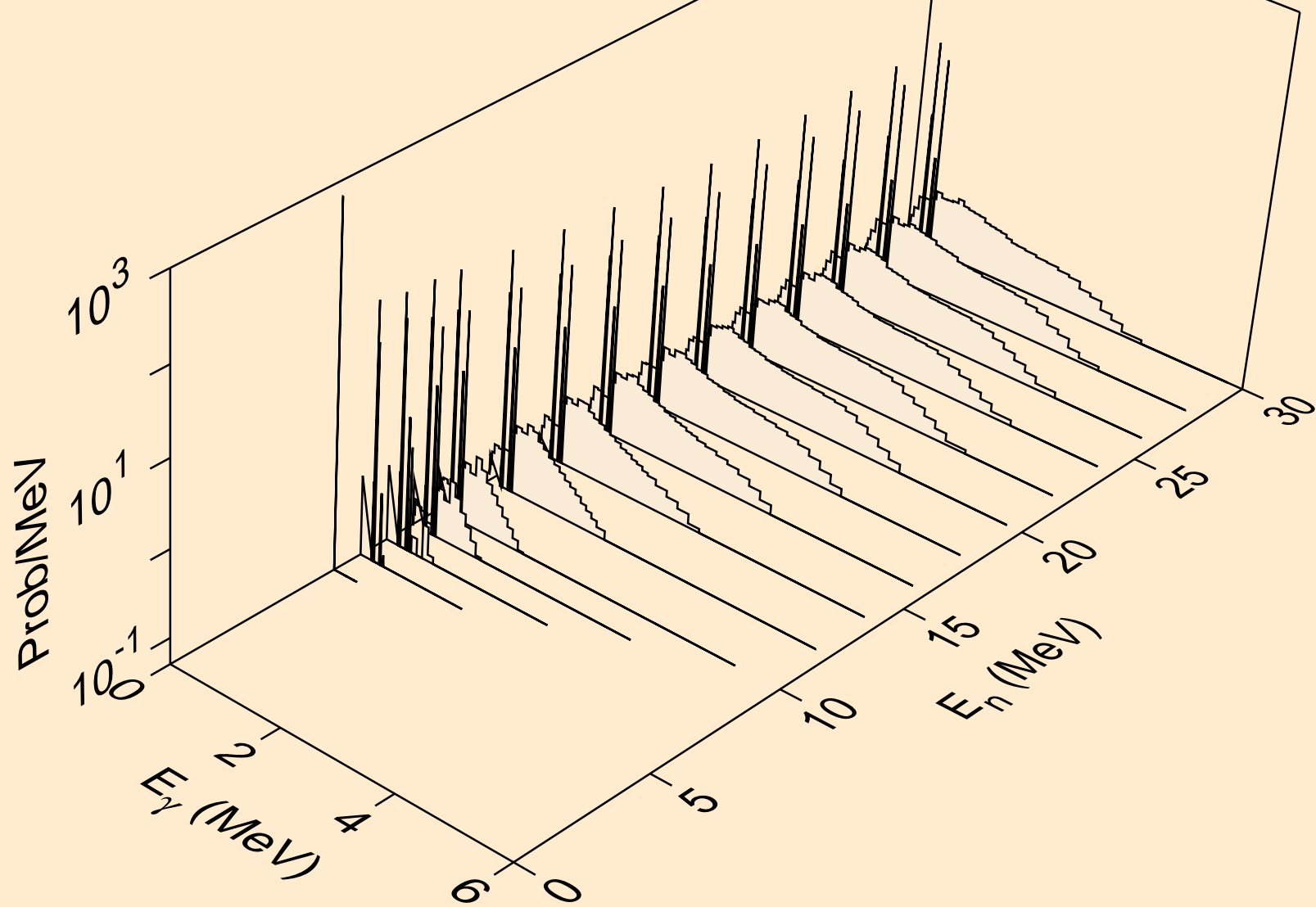
I114 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



I114 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n) $\alpha$

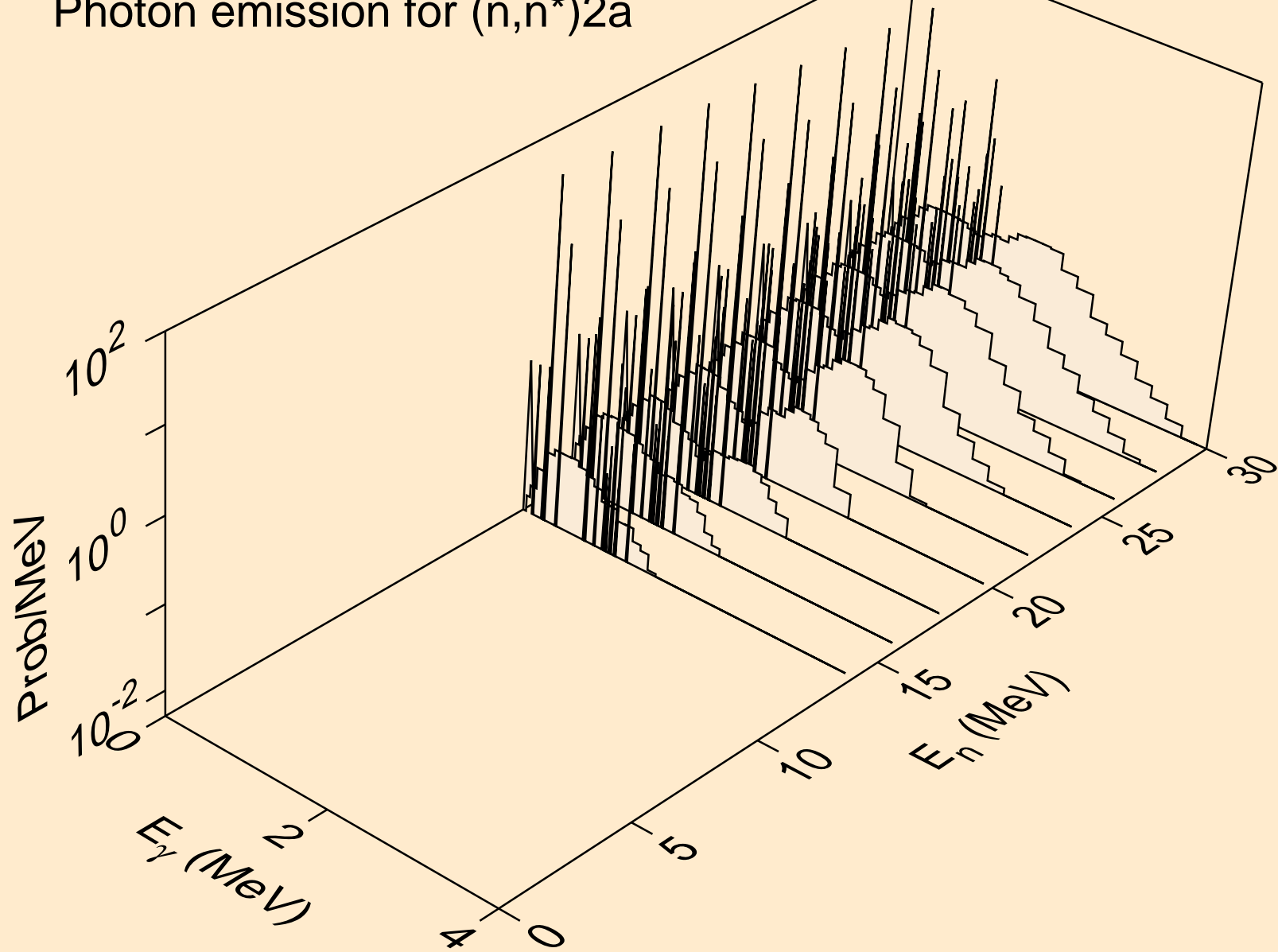


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Photon emission for (n,n\*)p

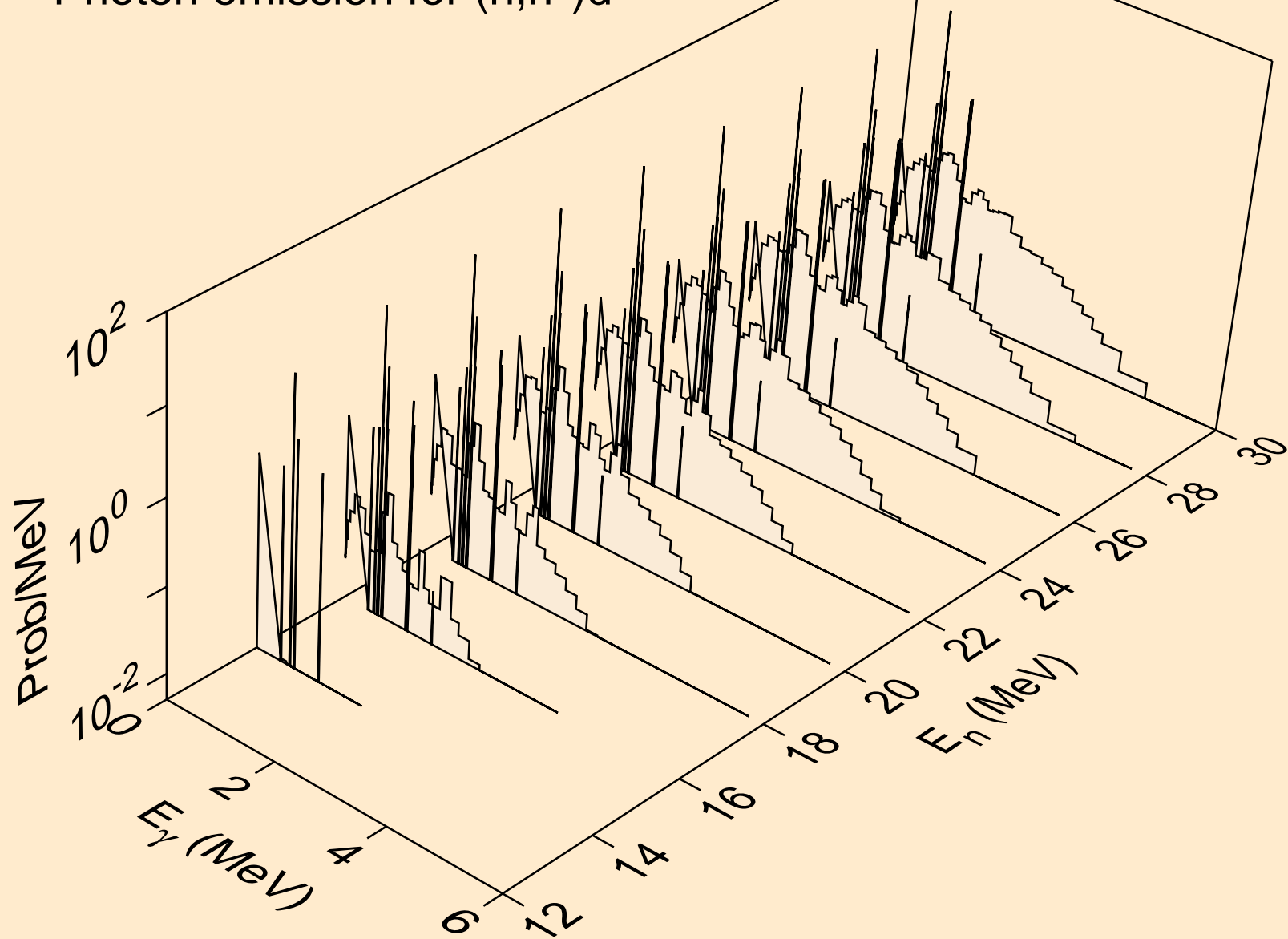




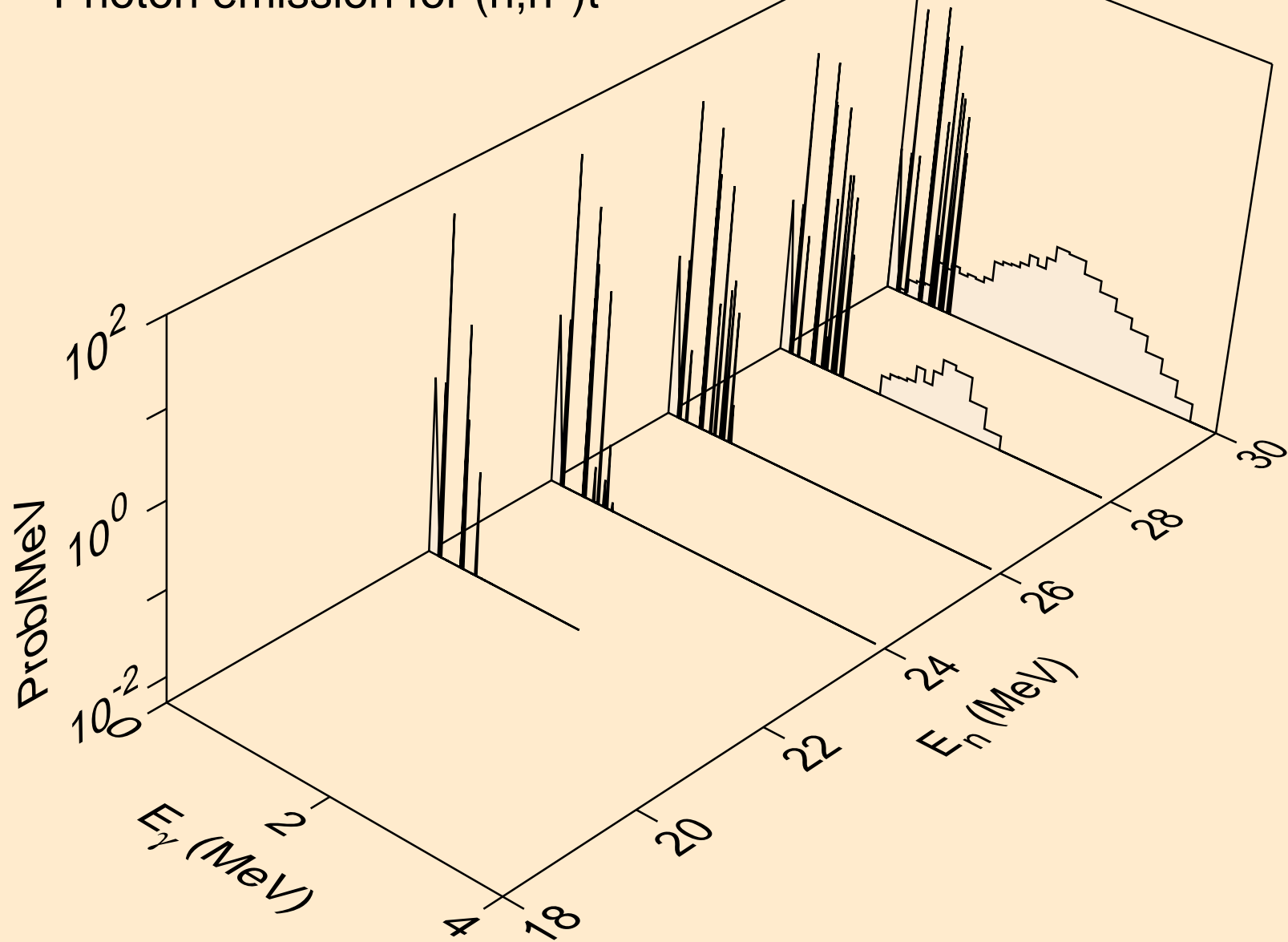
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Photon emission for (n,n\*)2a



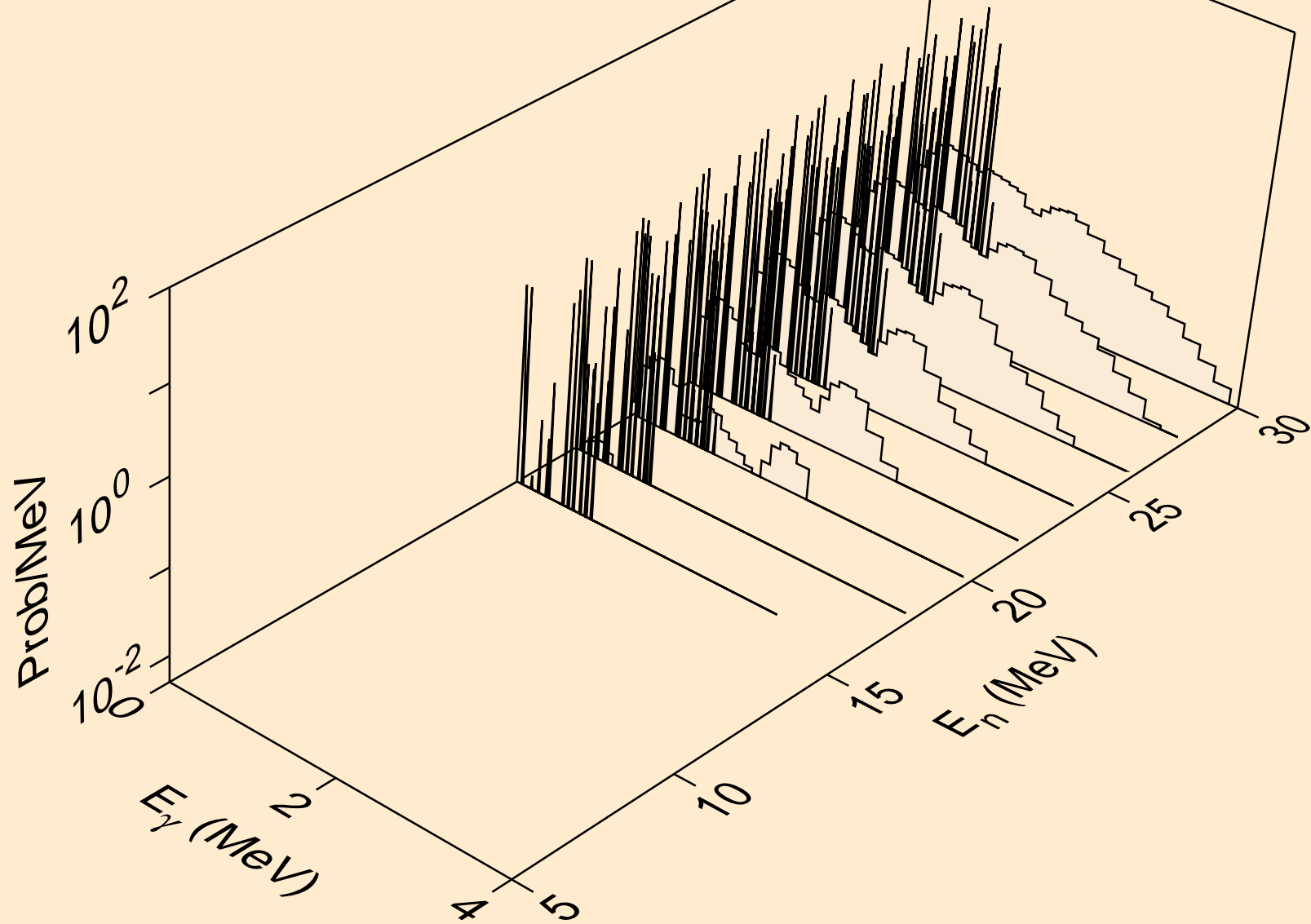
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Photon emission for (n,n\*)d



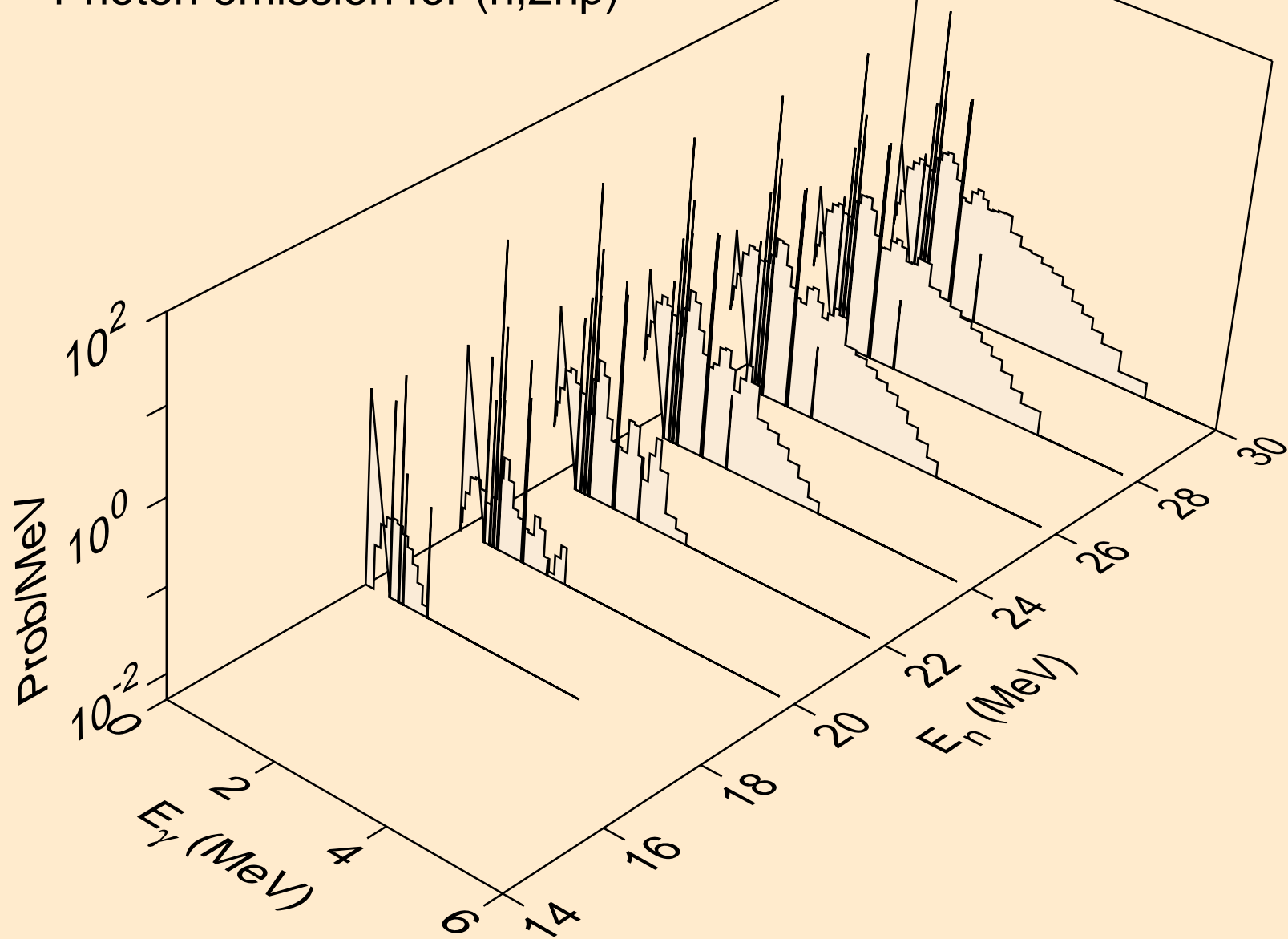
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Photon emission for (n,n\*)t



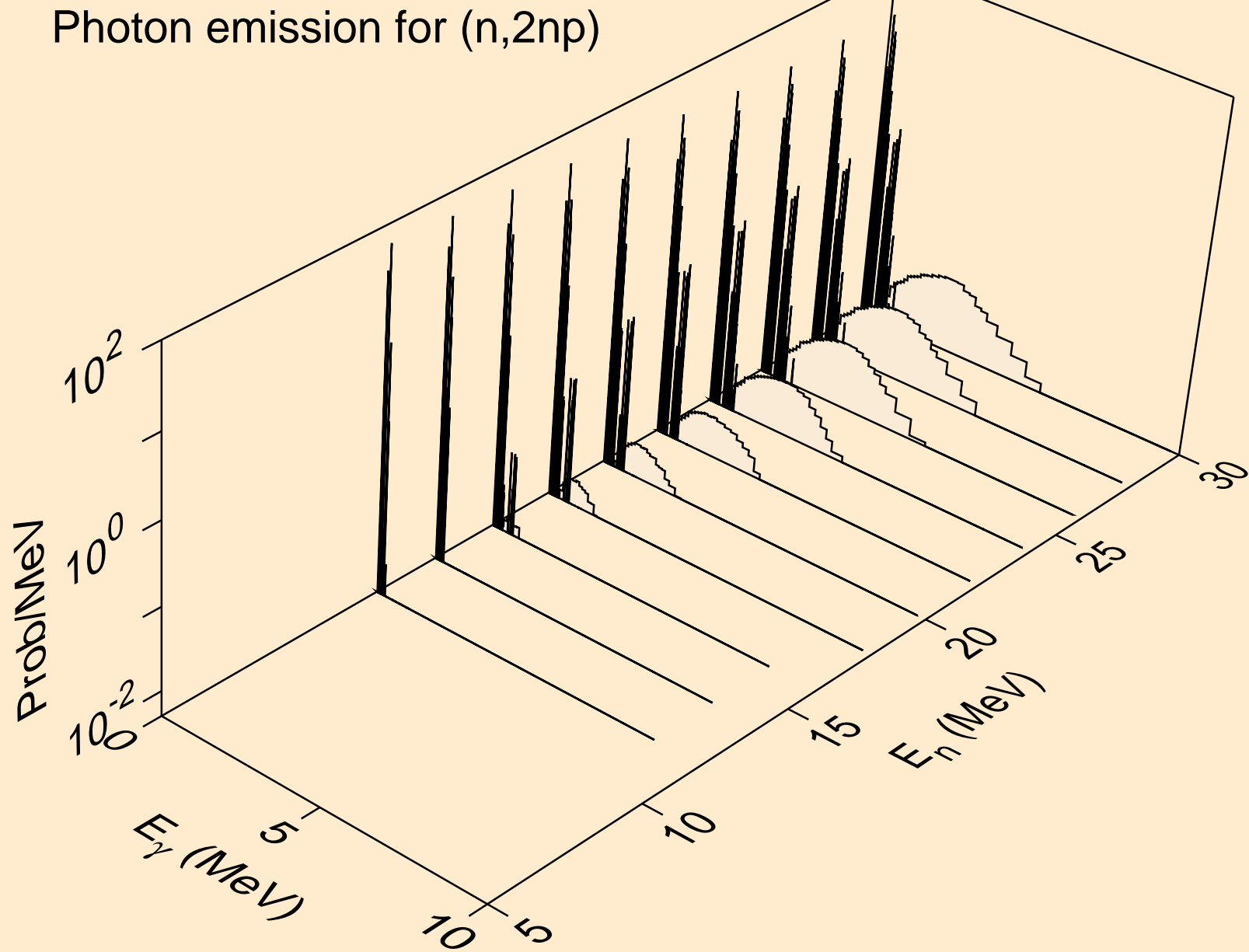
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Photon emission for (n,n\*)he3



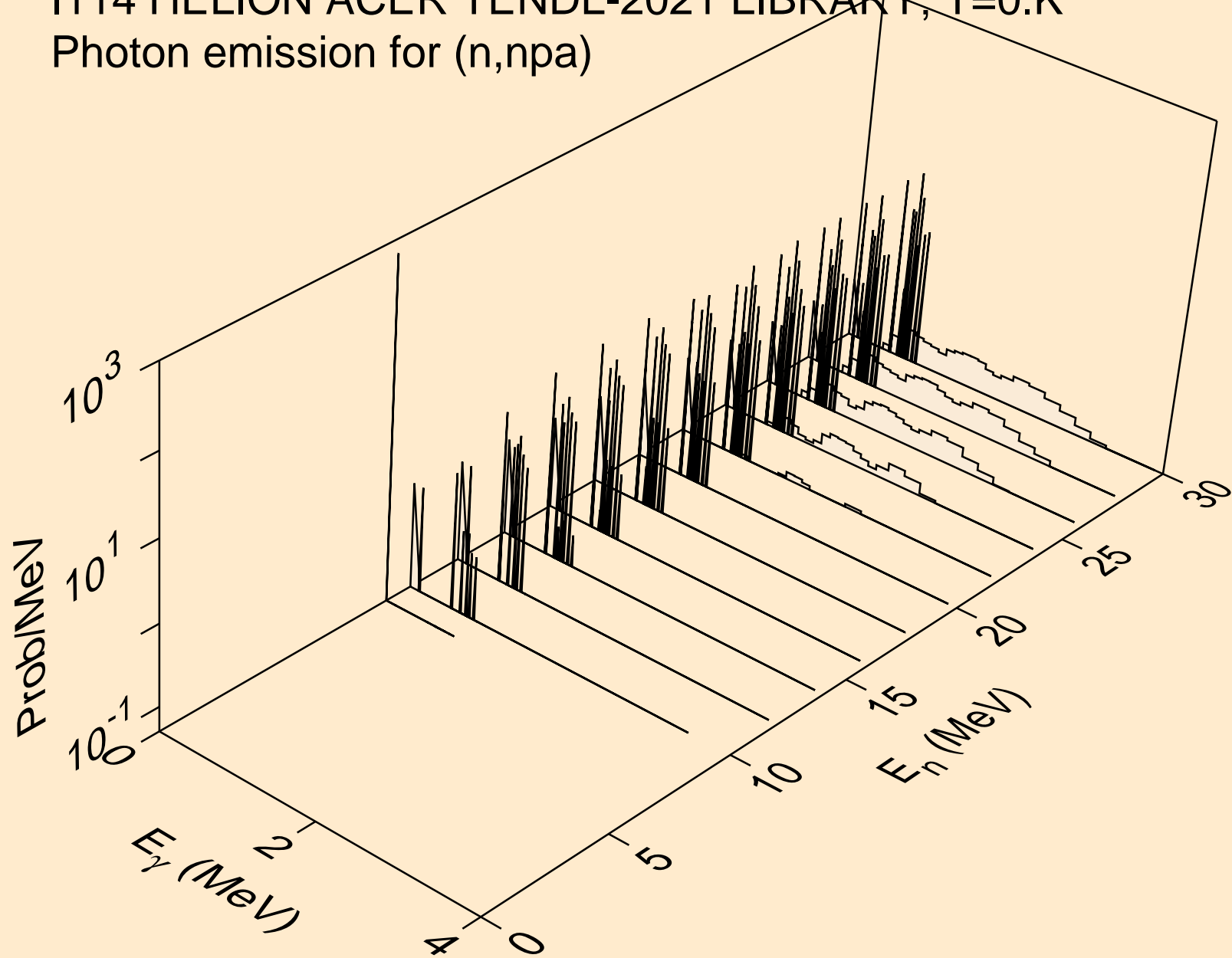
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Photon emission for (n,2np)



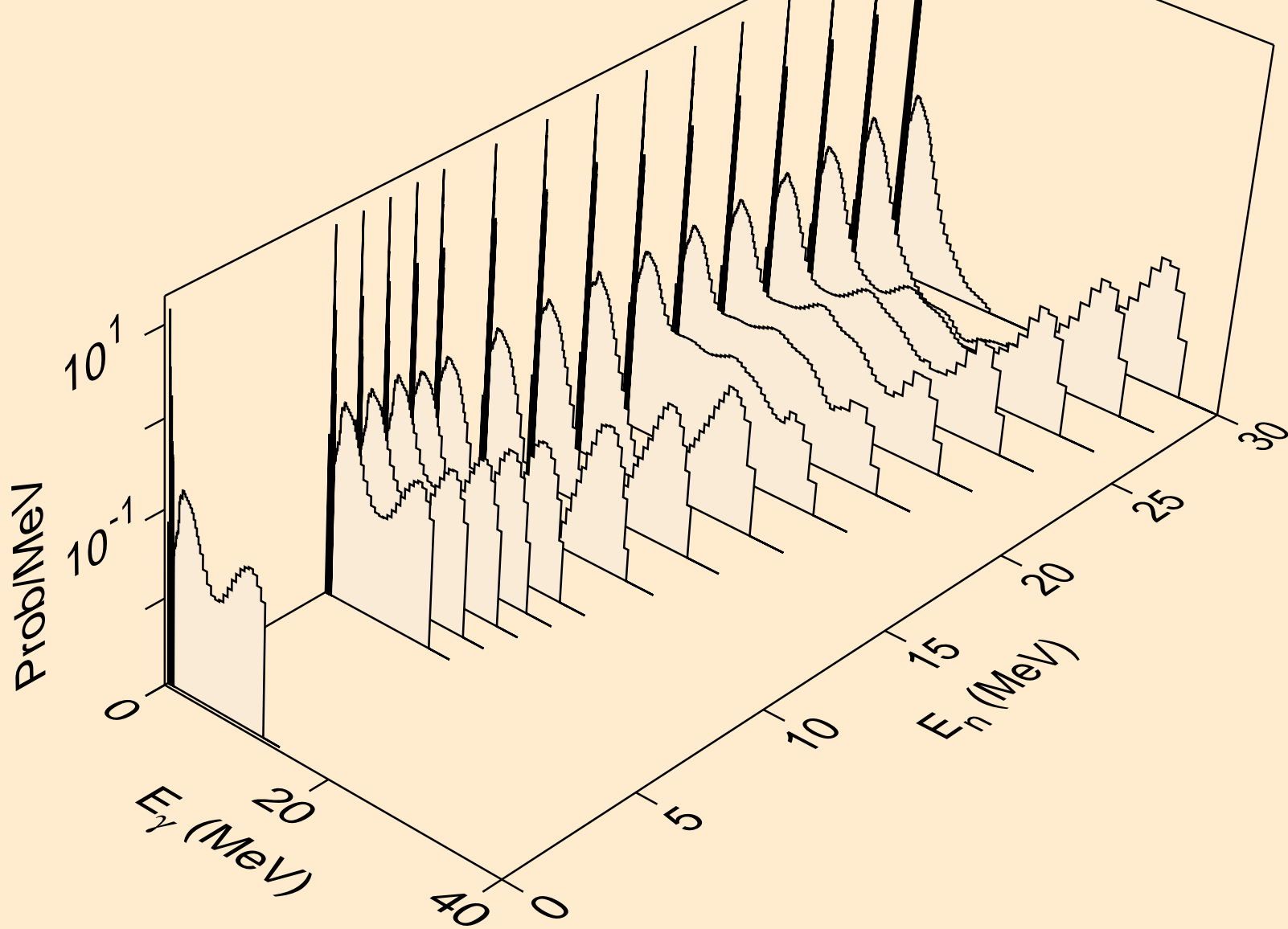
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Photon emission for (n,2np)



I114 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,npa)

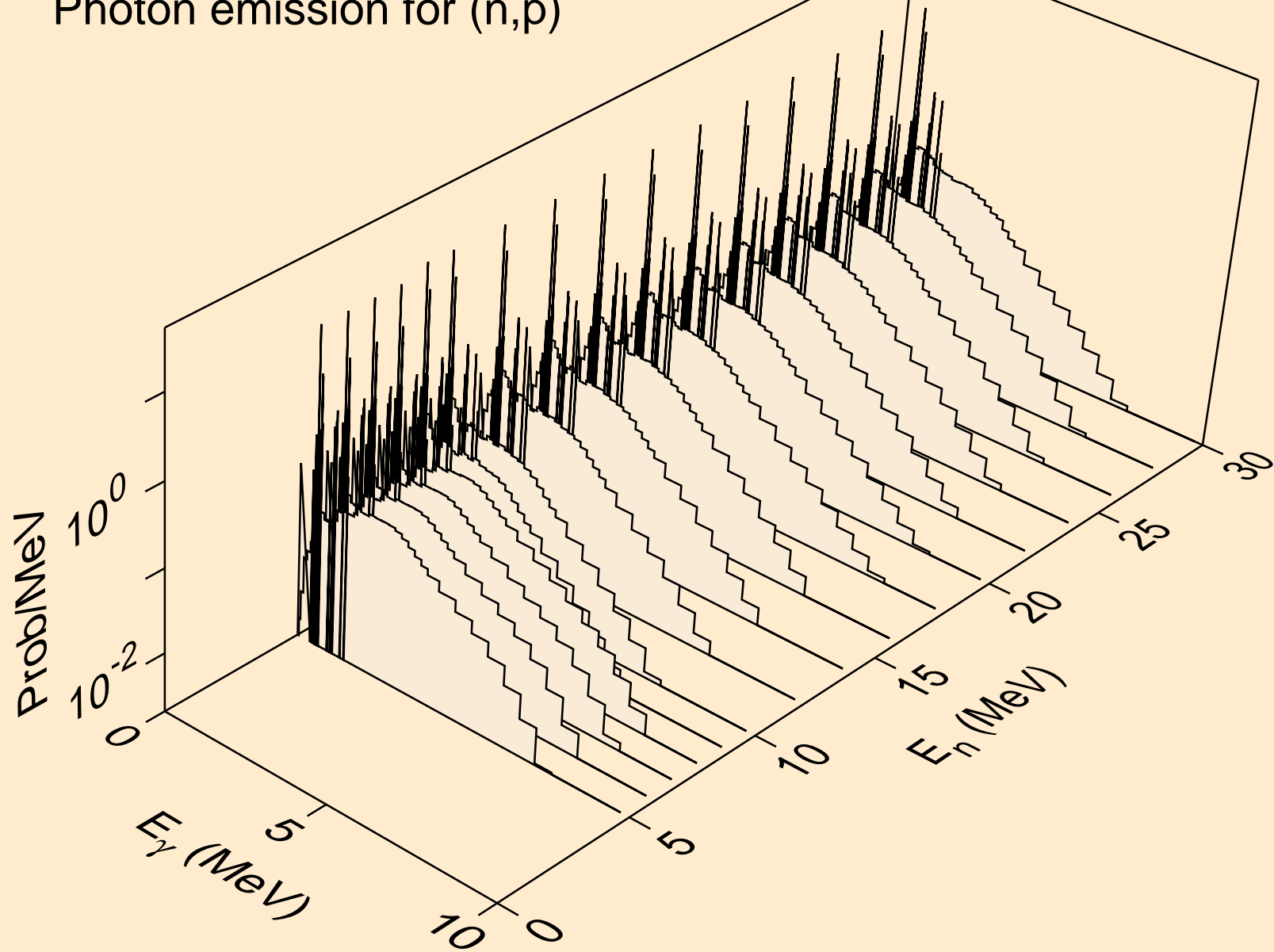


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Photon emission for (n,gma)

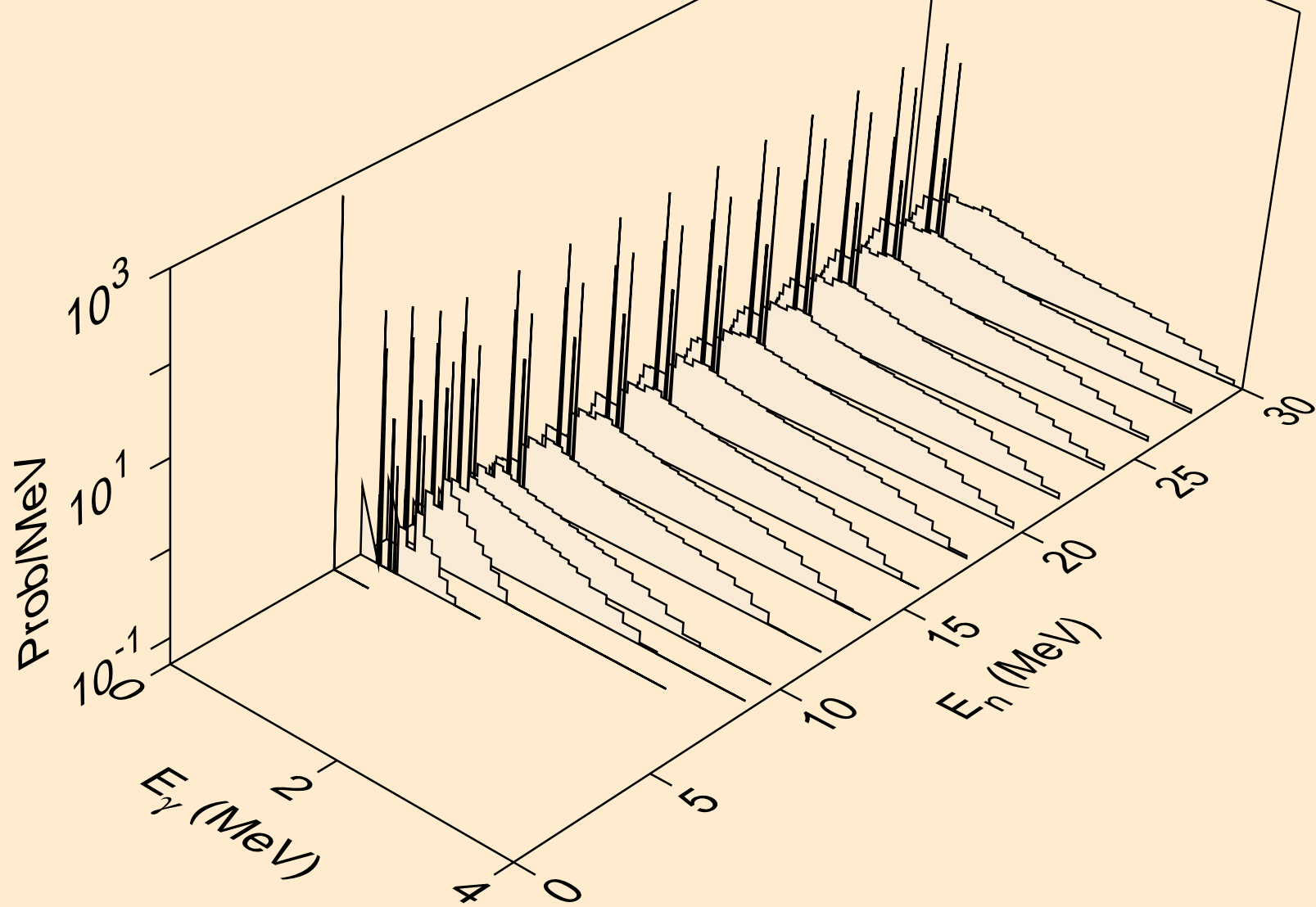




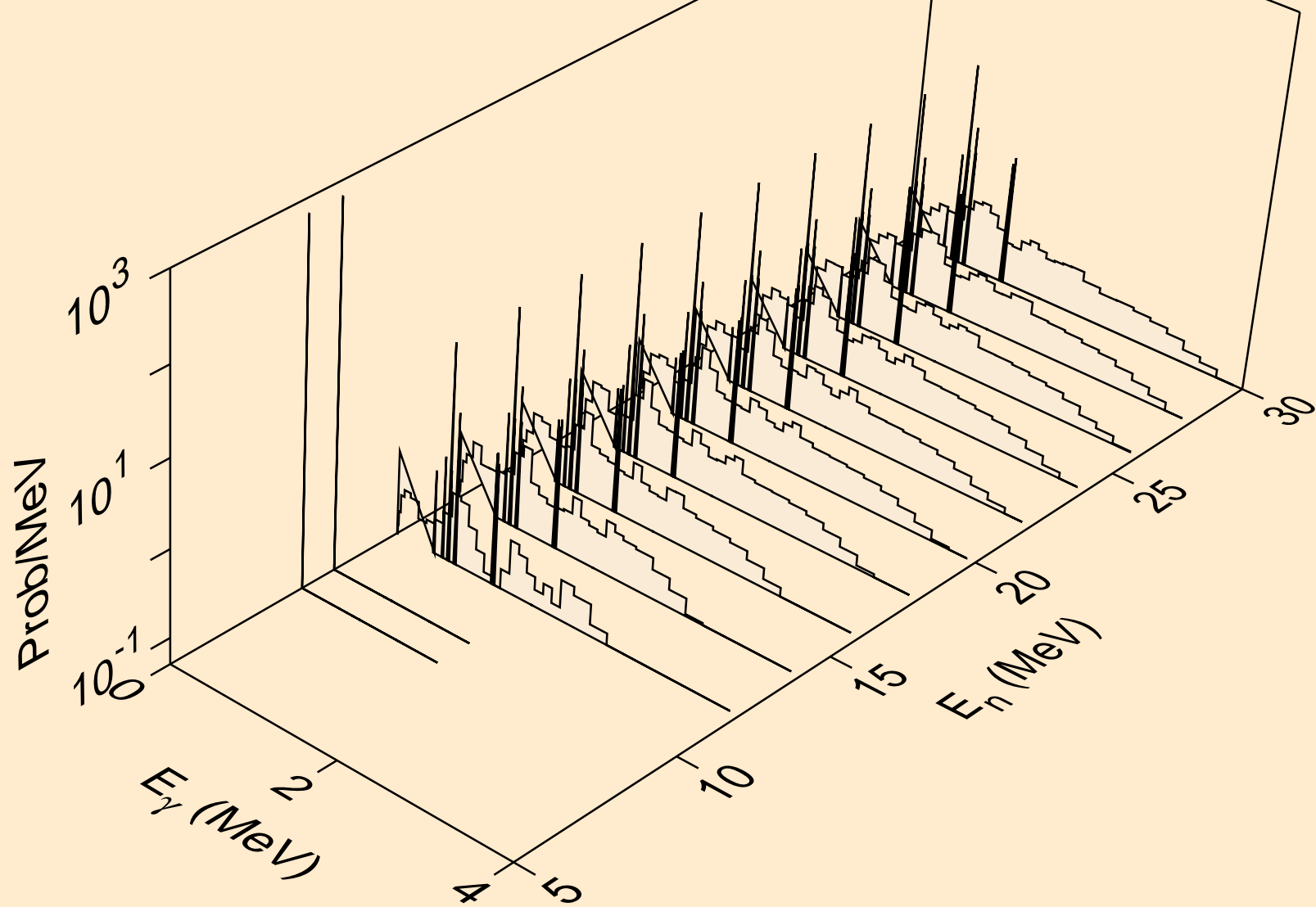
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Photon emission for (n,p)



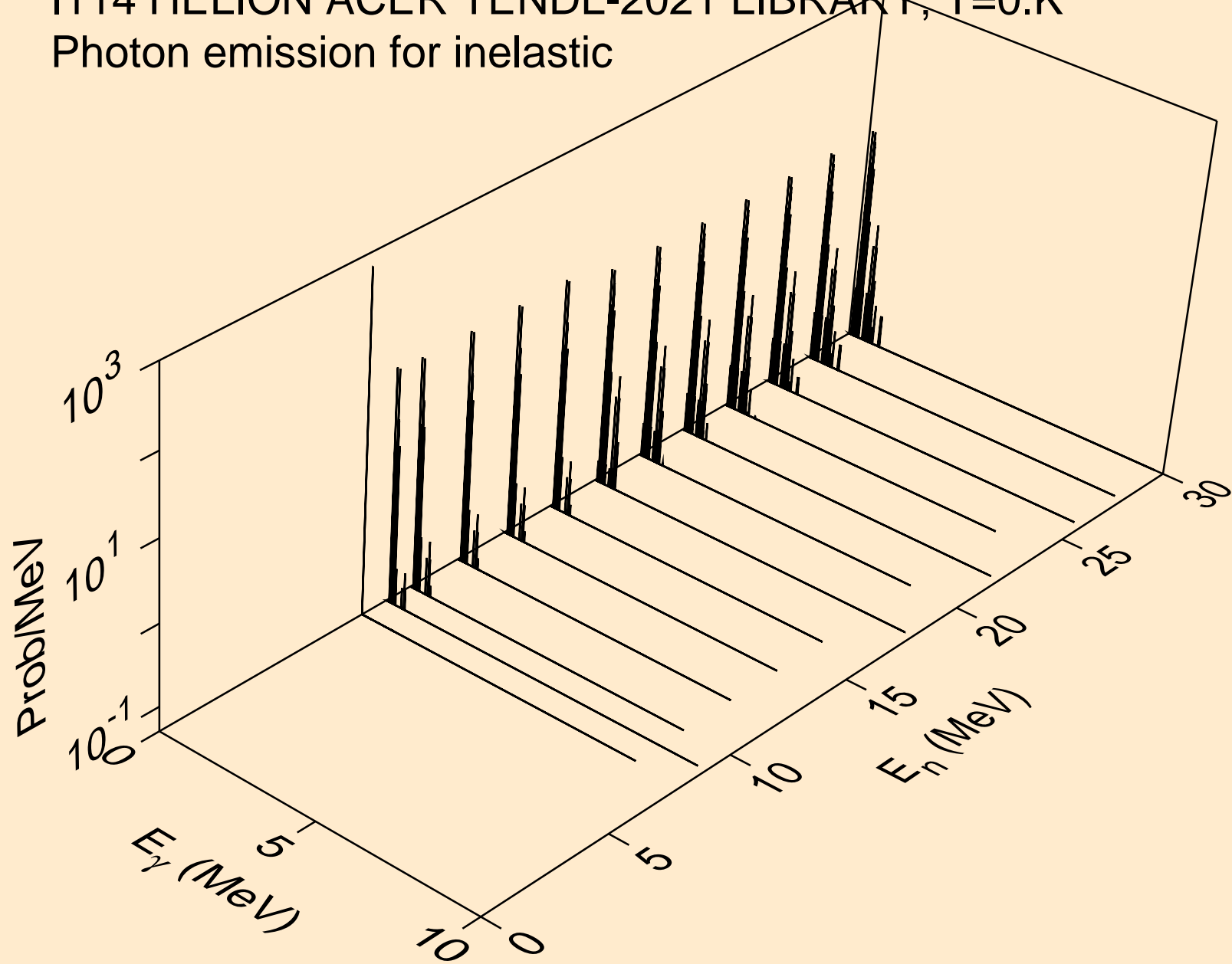
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Photon emission for (n,d)



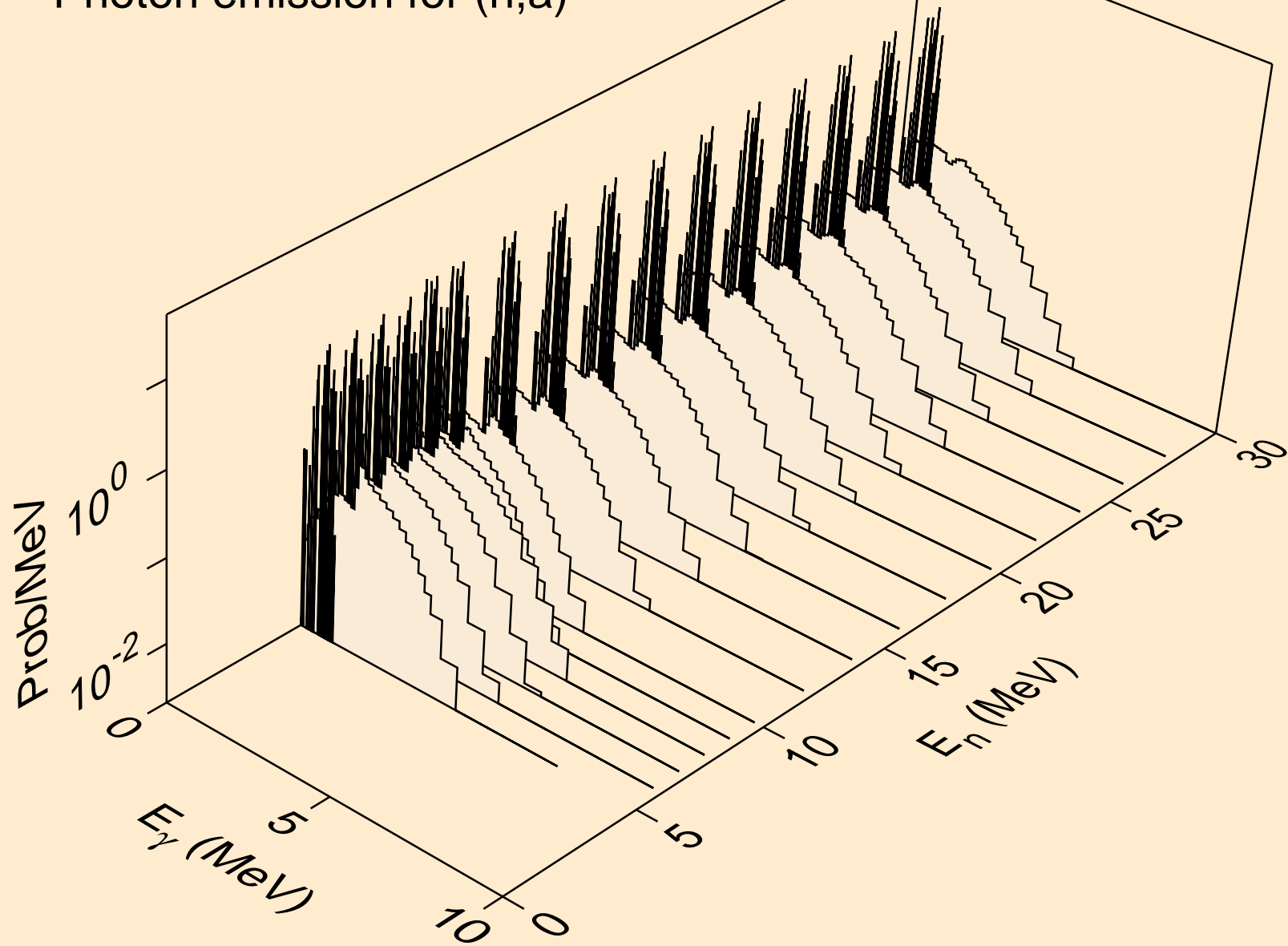
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Photon emission for (n,t)



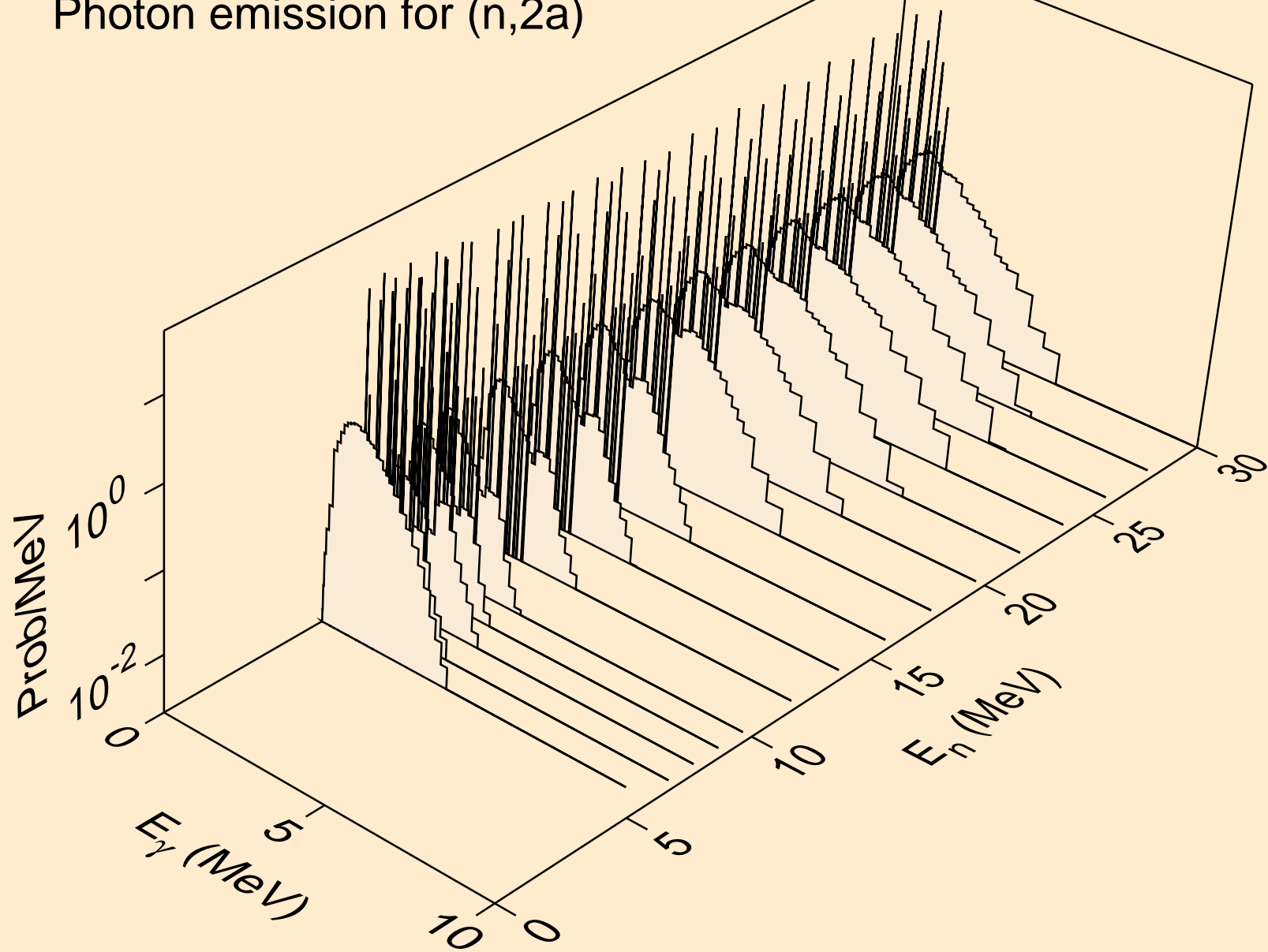
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Photon emission for inelastic



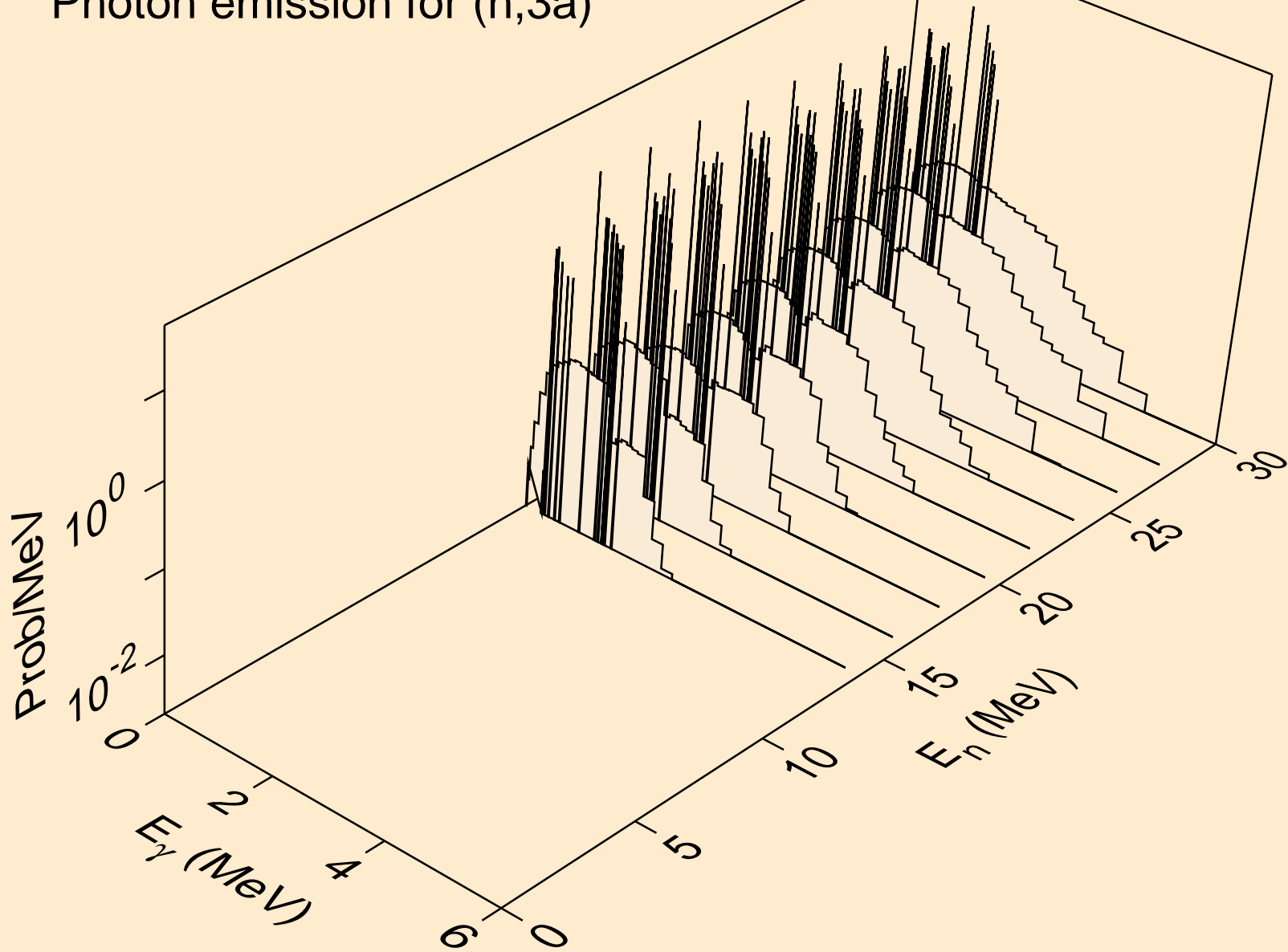
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Photon emission for (n,a)



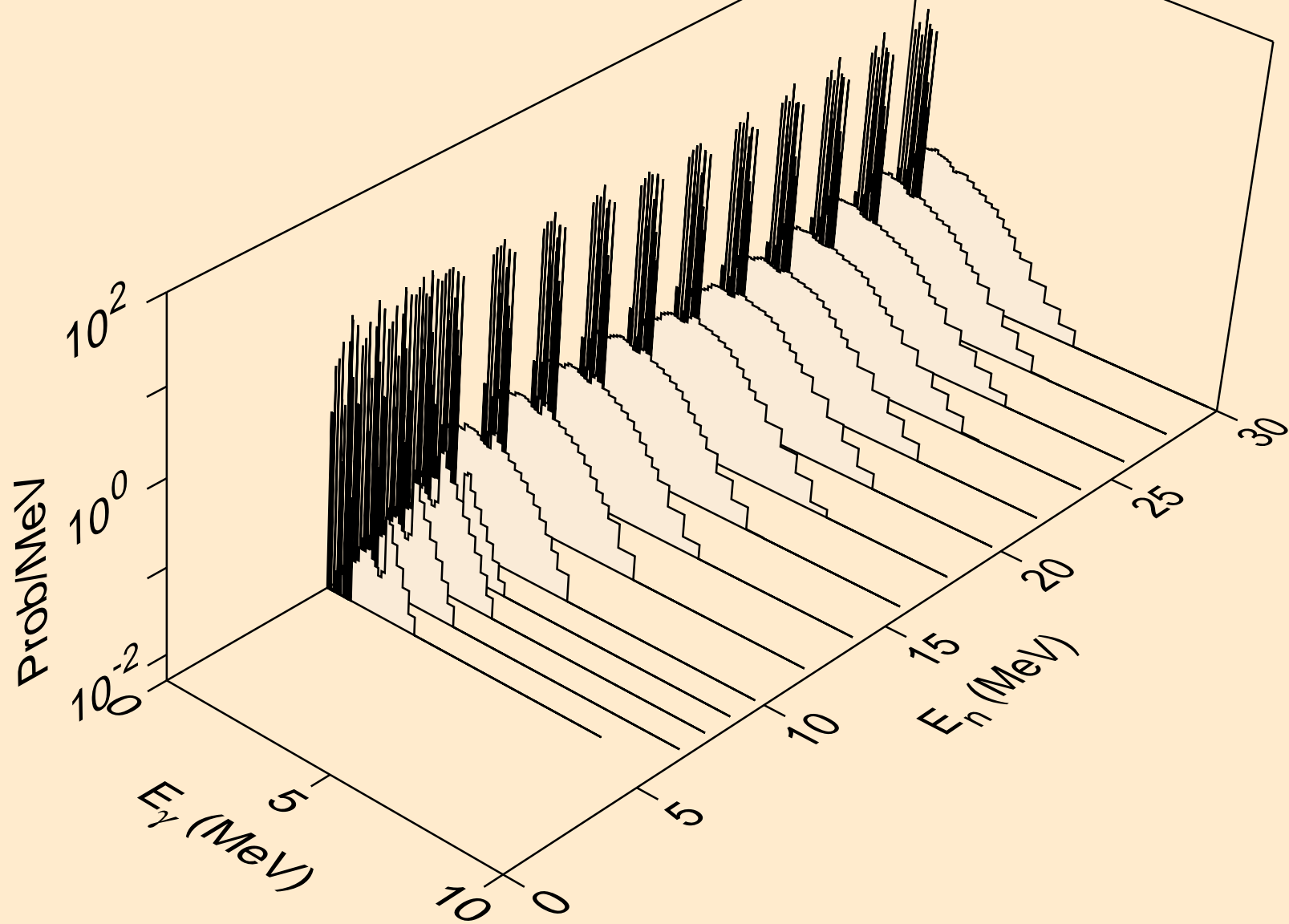
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Photon emission for (n,2a)



I114 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3a)

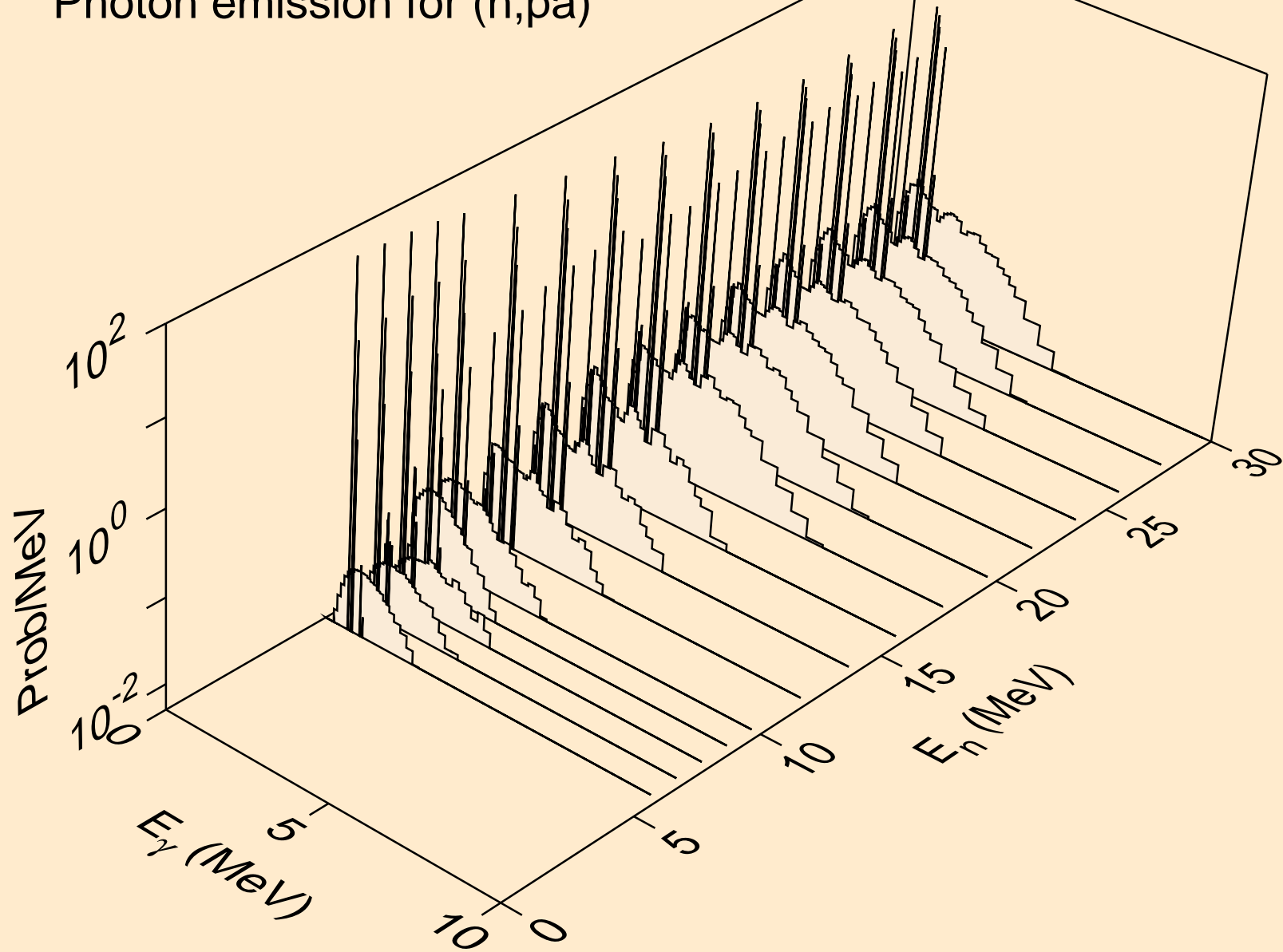


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Photon emission for (n,2p)

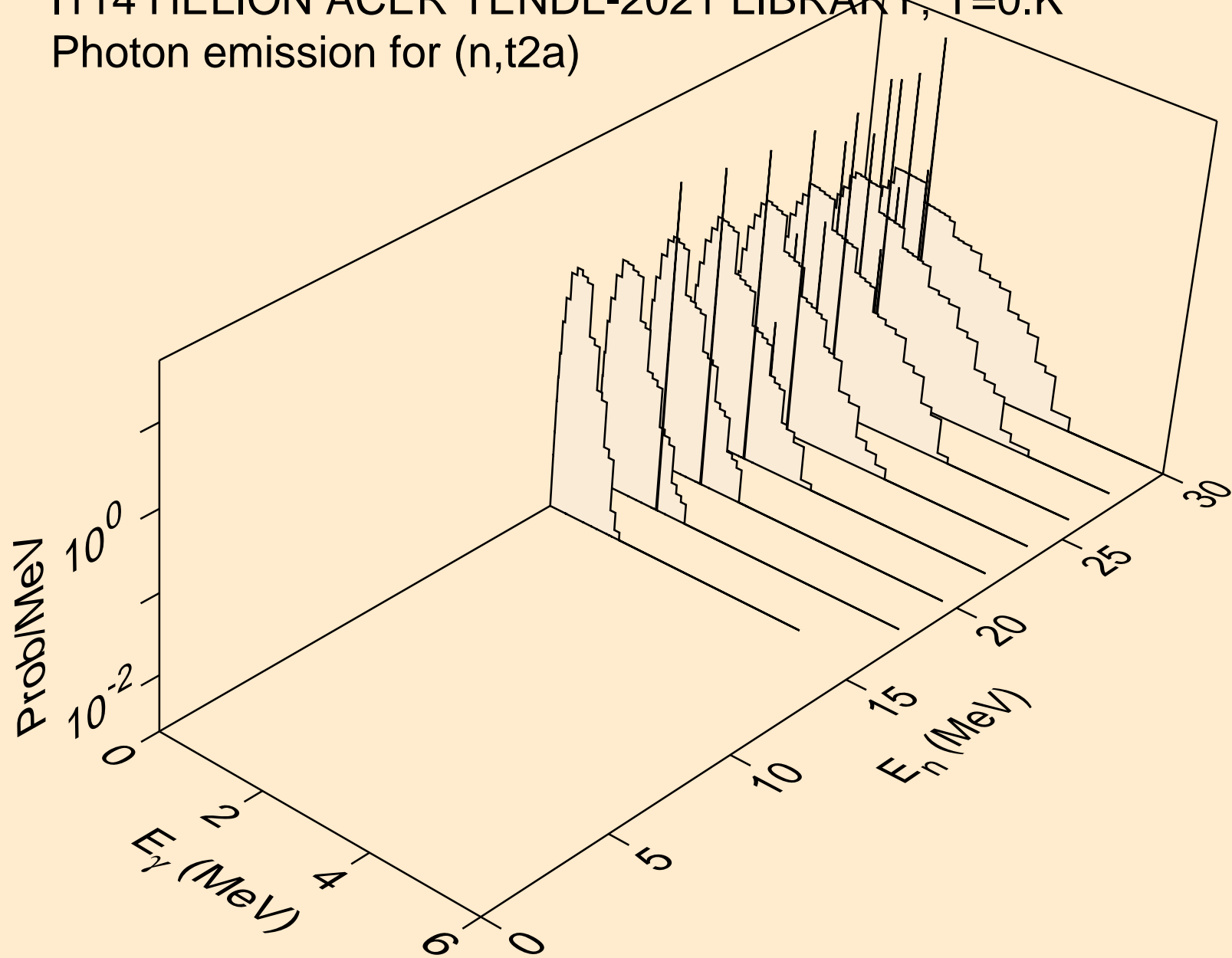




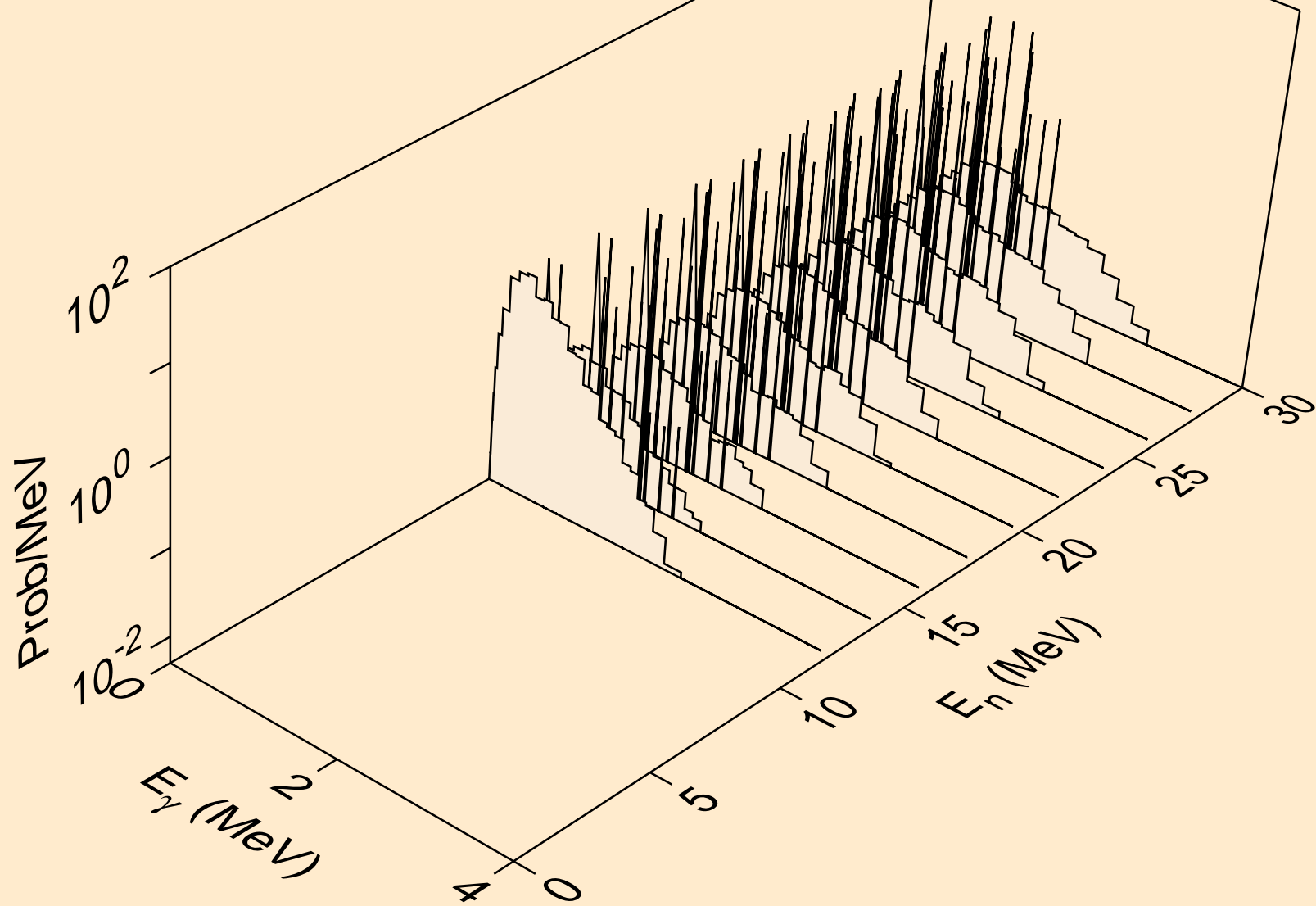
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Photon emission for (n,pa)



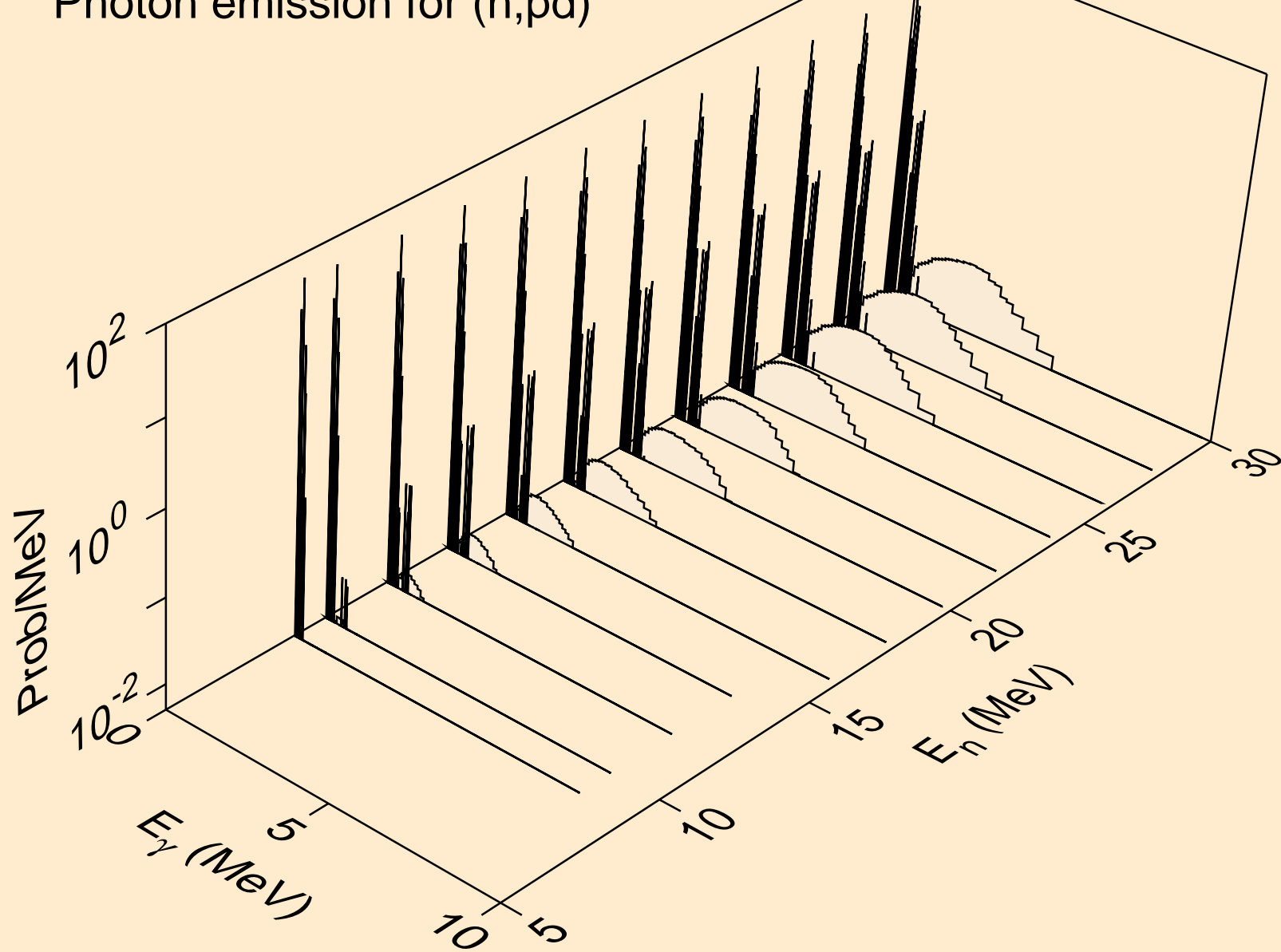
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Photon emission for (n,t2a)



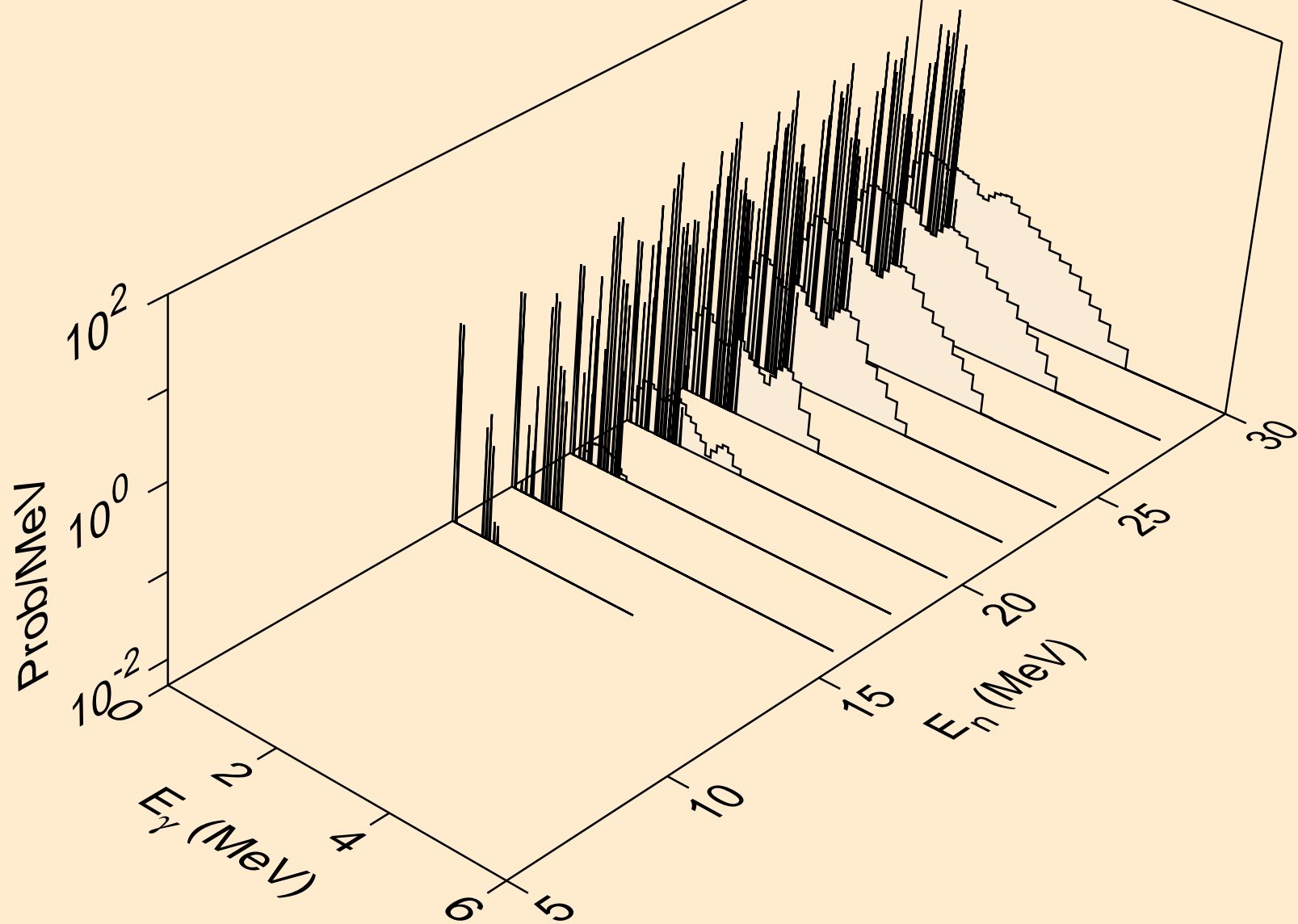
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Photon emission for (n,d2a)



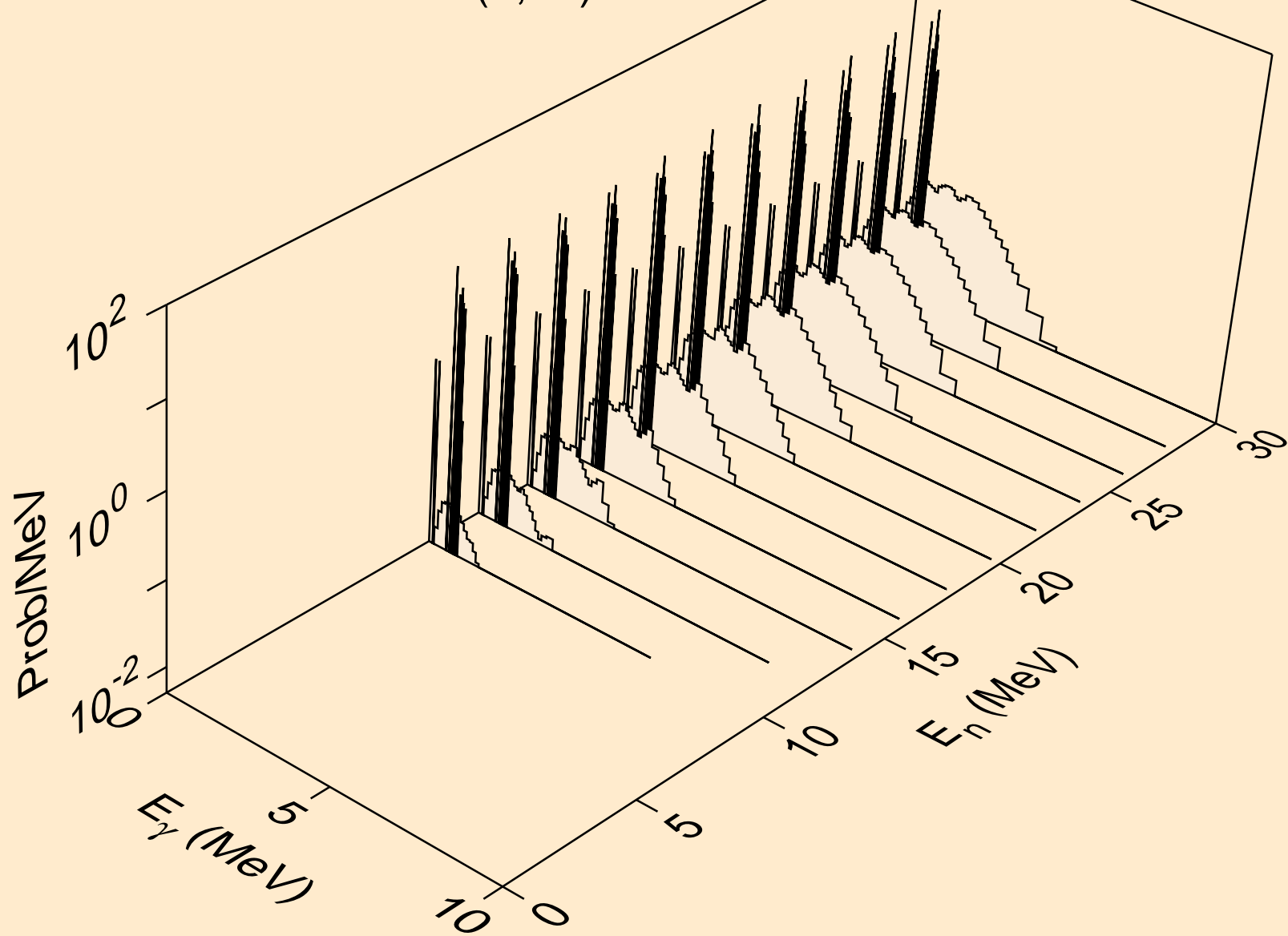
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Photon emission for (n,pd)



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Photon emission for (n,pt)

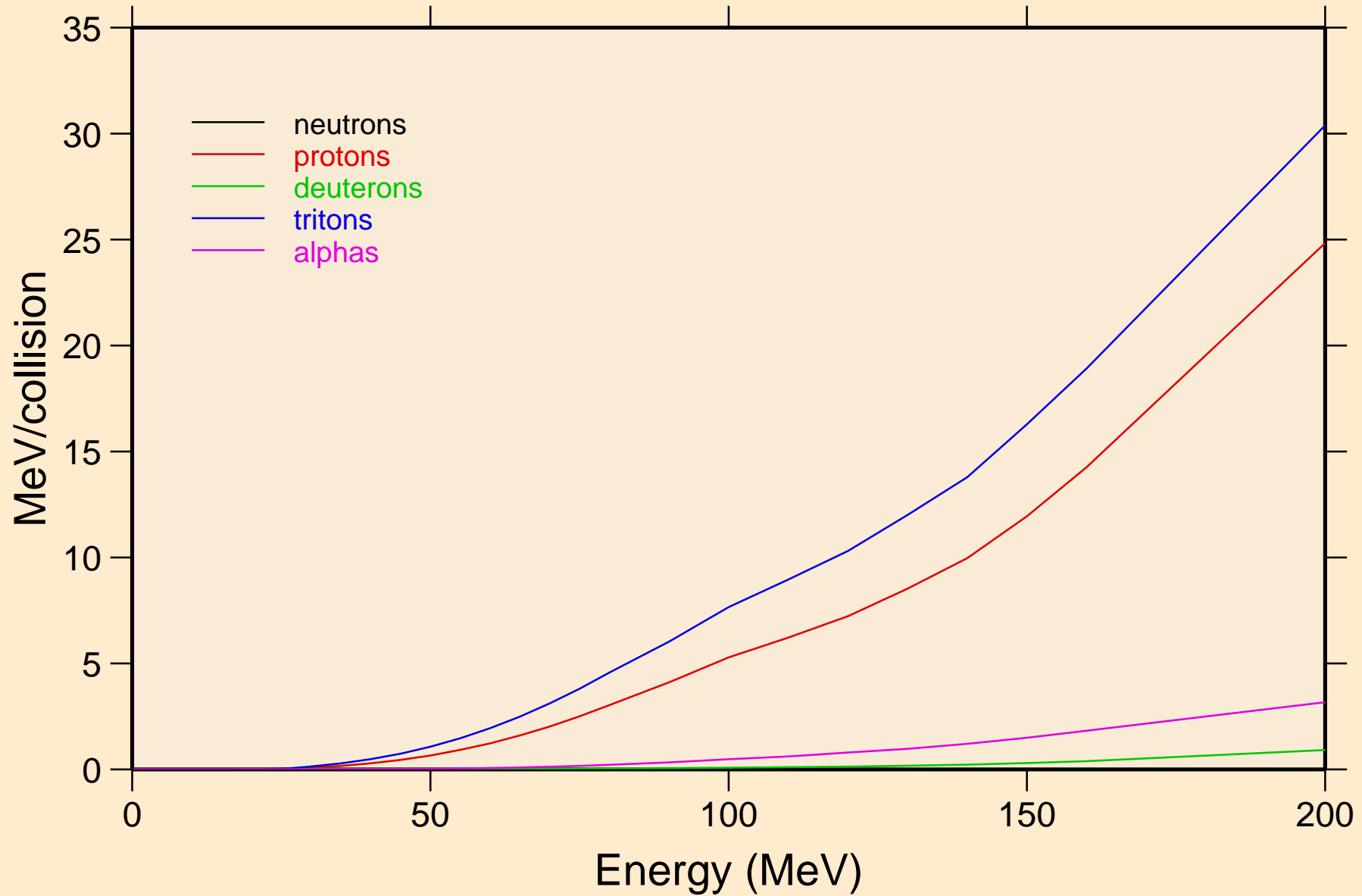


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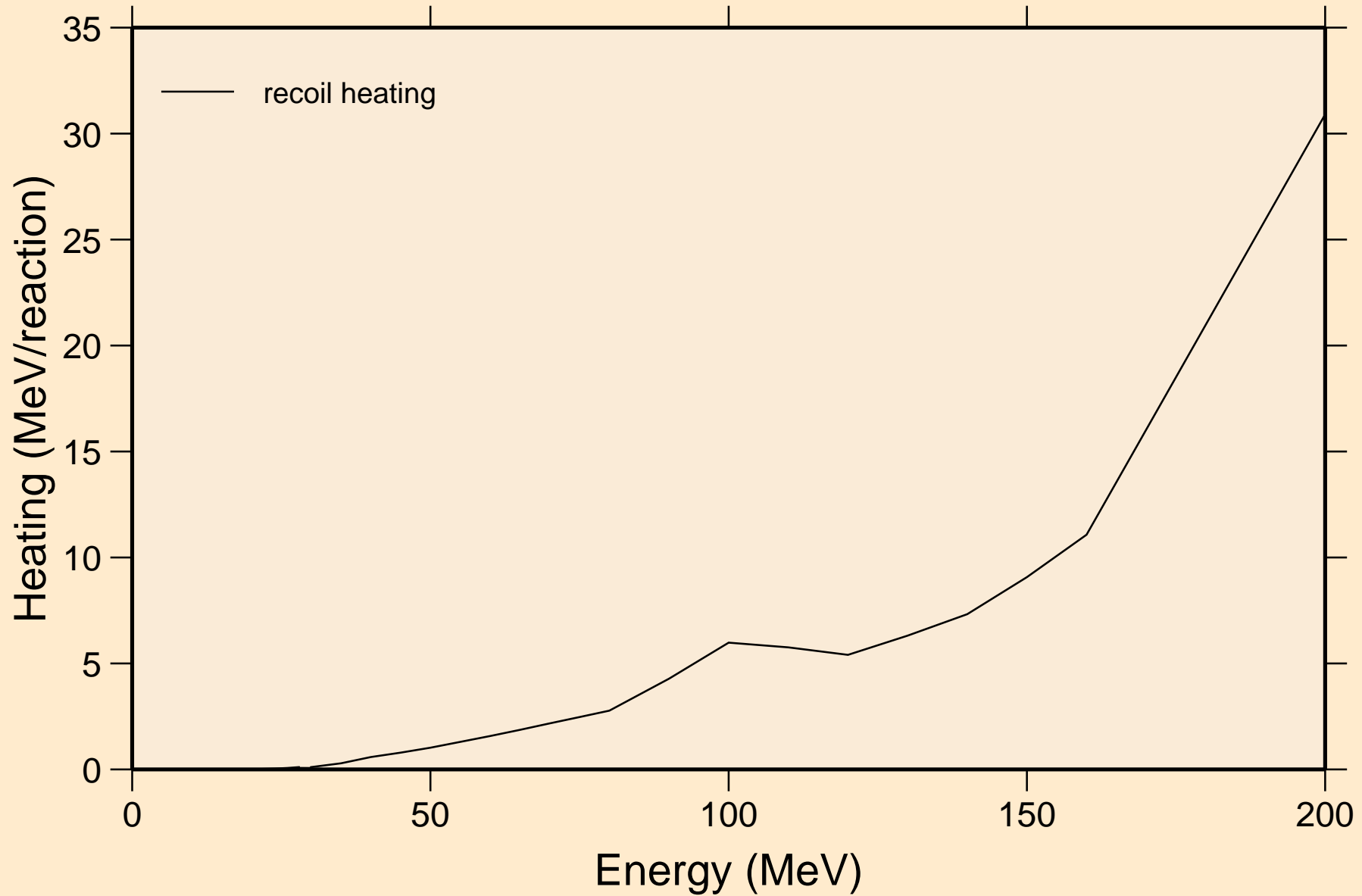


# I114 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Particle heating contributions

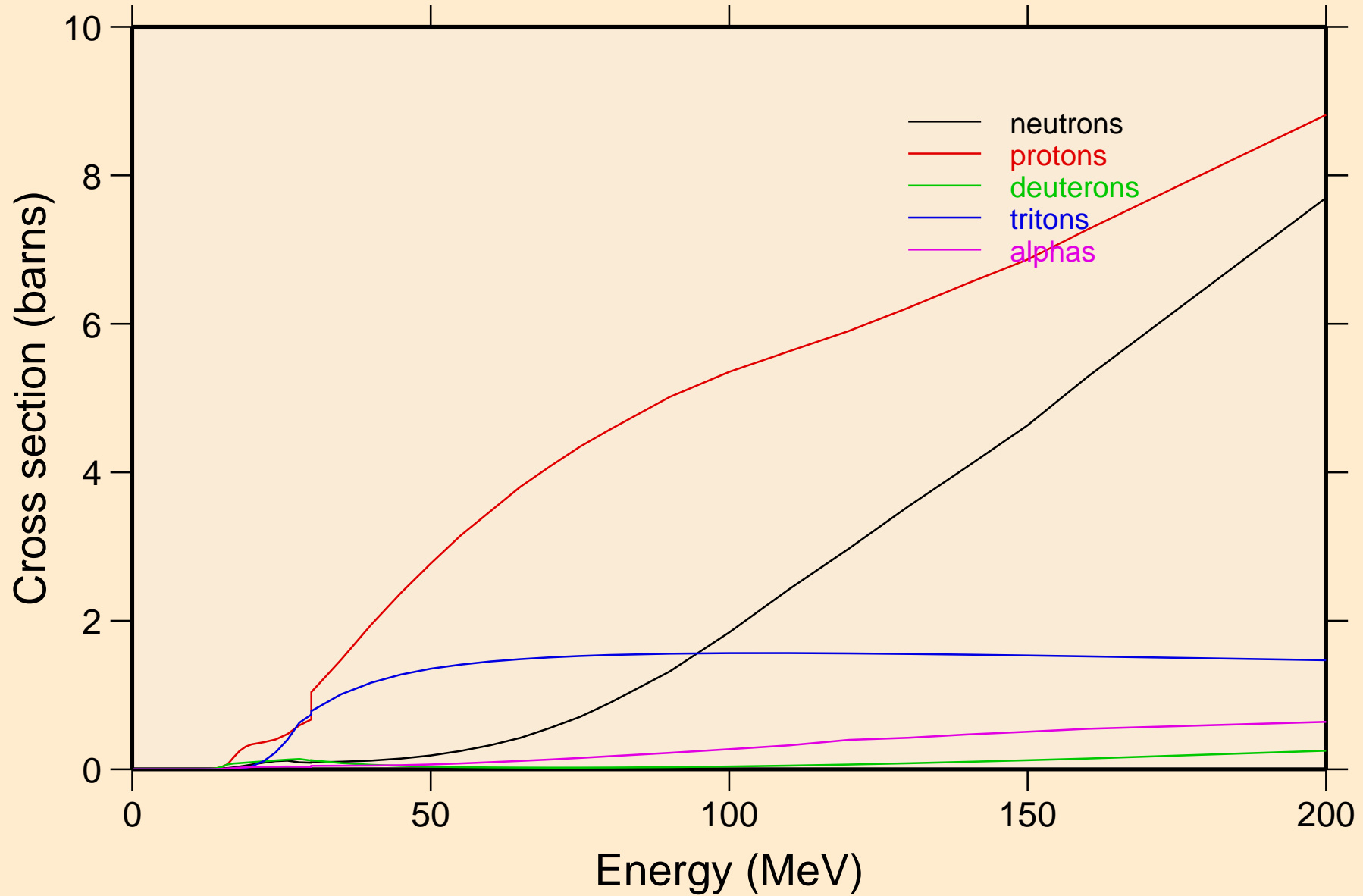


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Recoil Heating

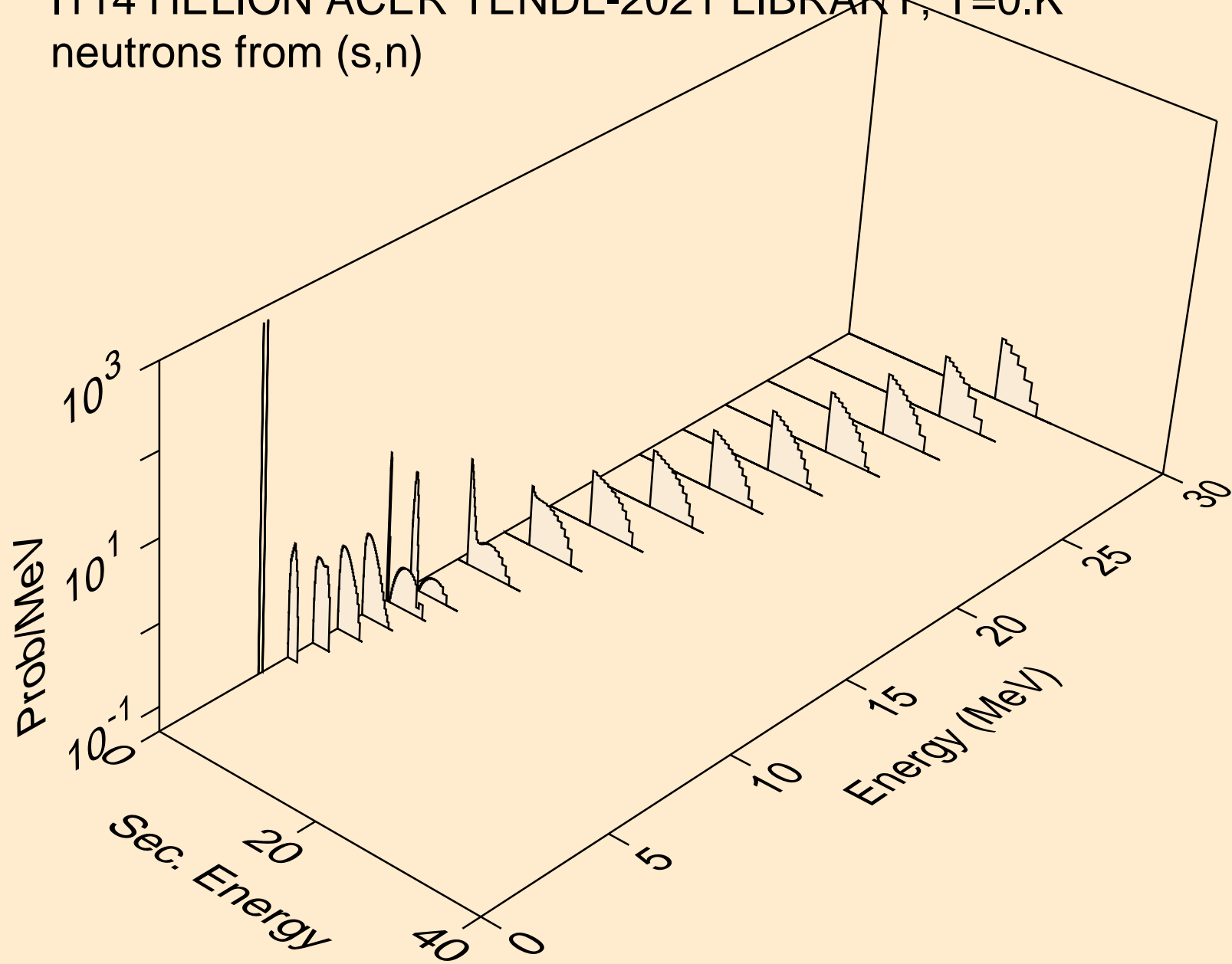




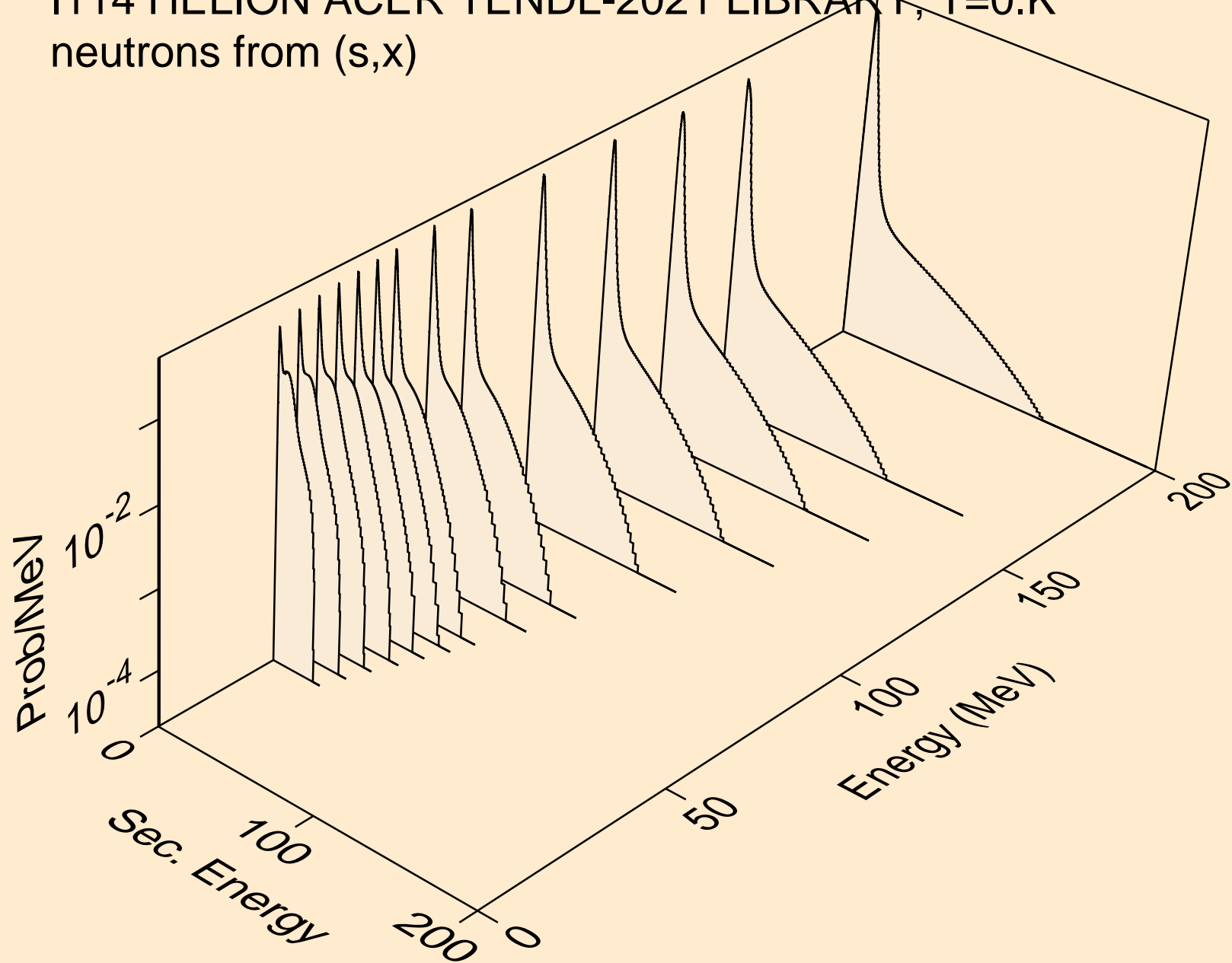
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Particle production cross sections



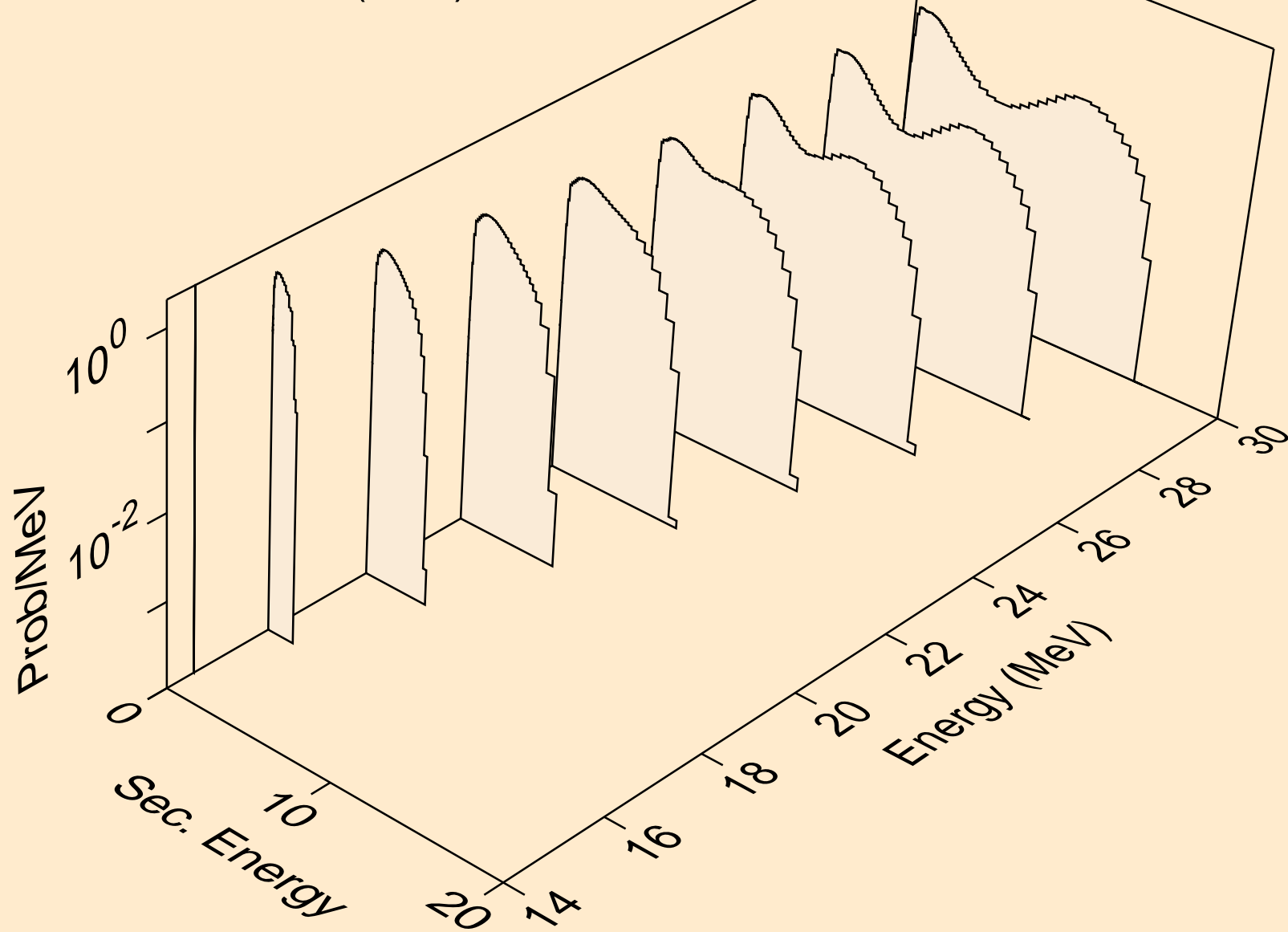
I114 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n)



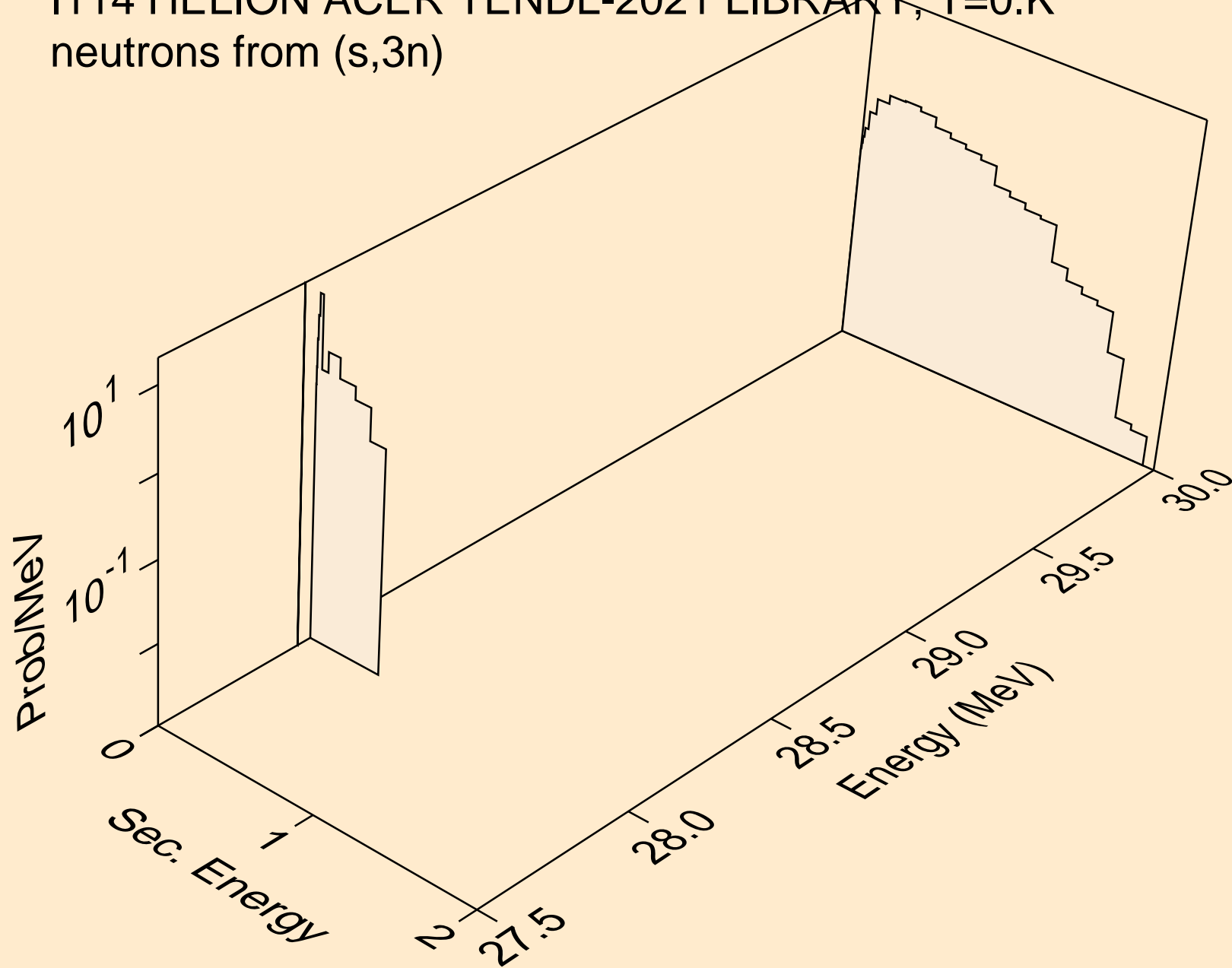
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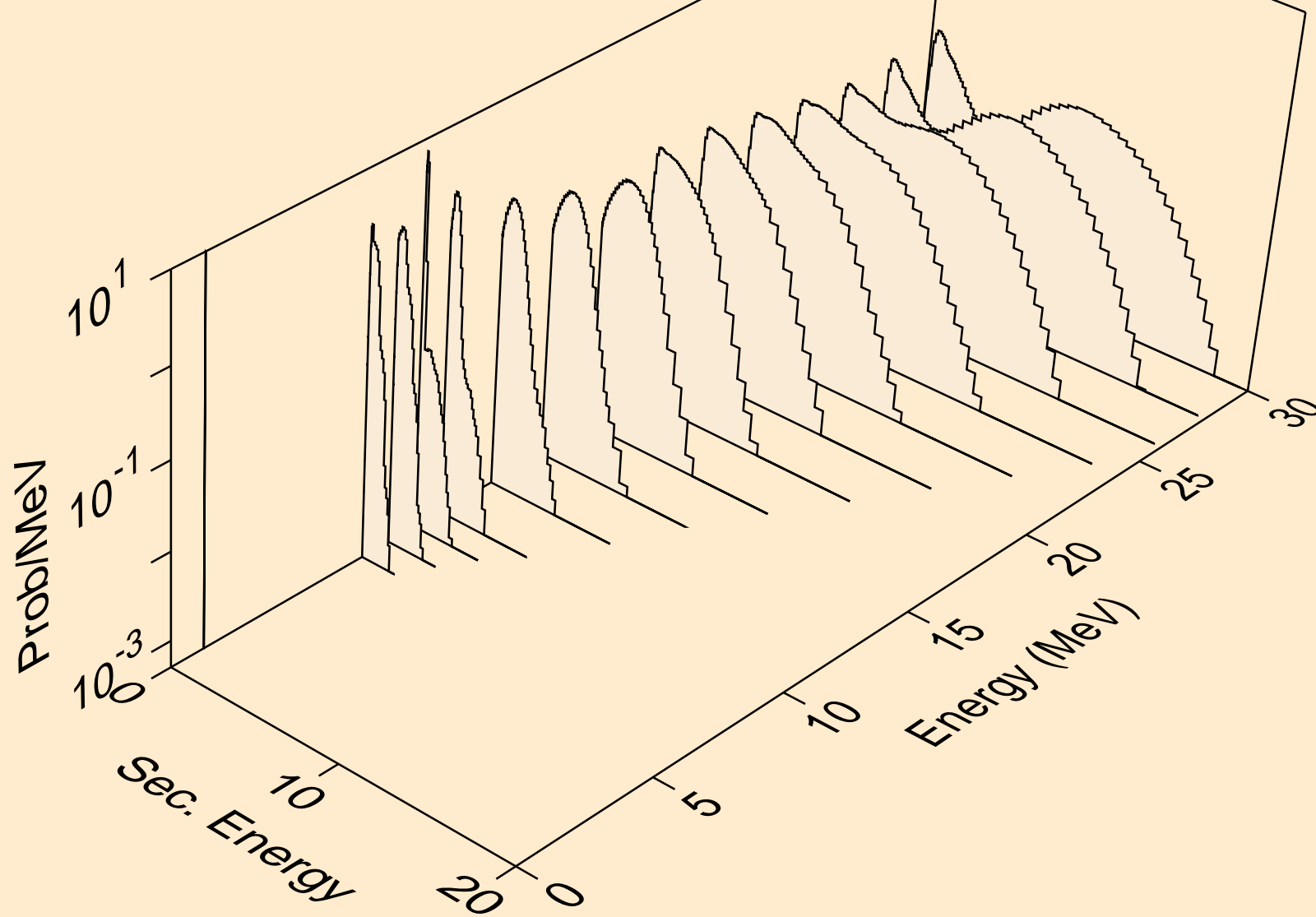
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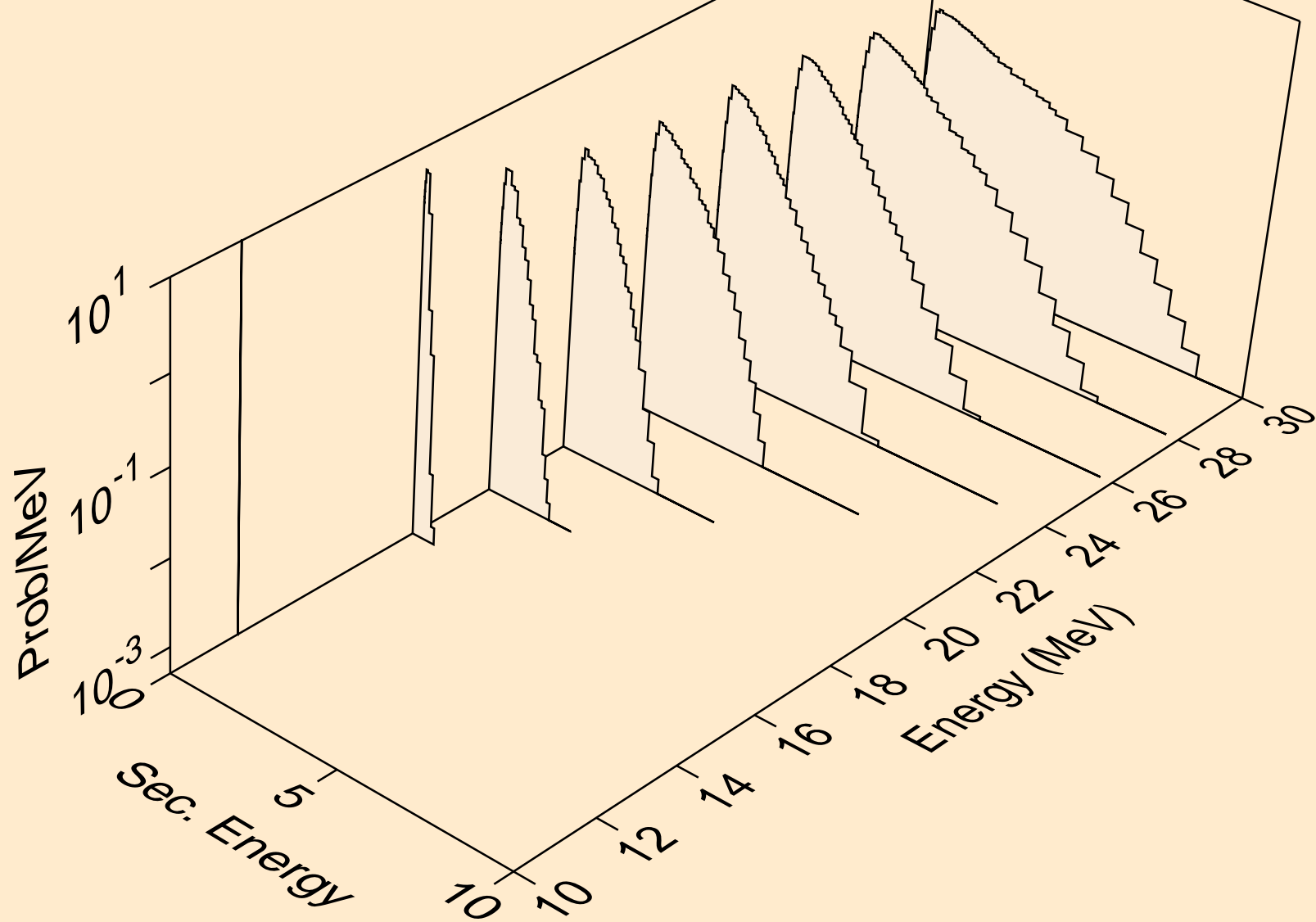
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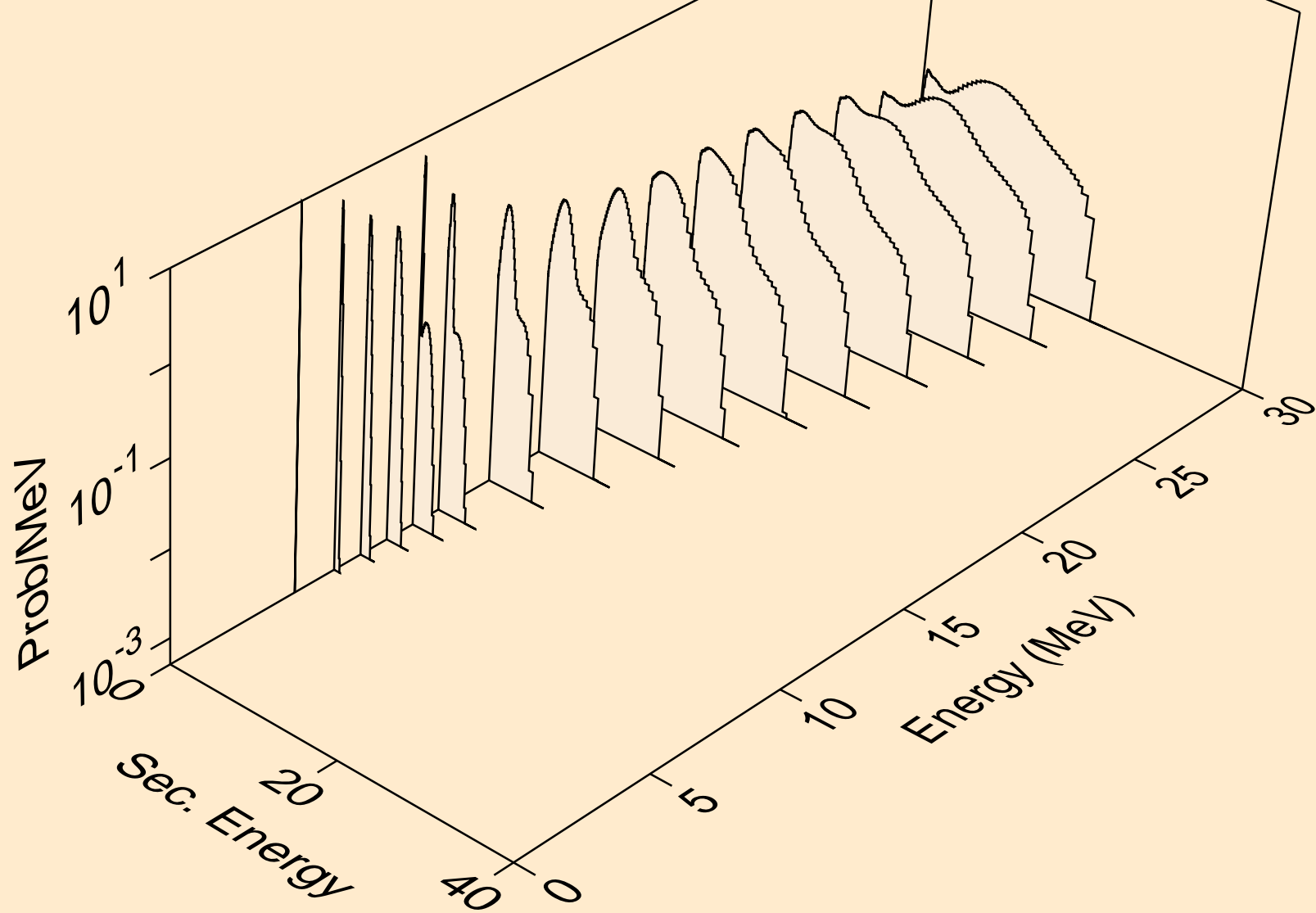
I114 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)a



I114 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)a

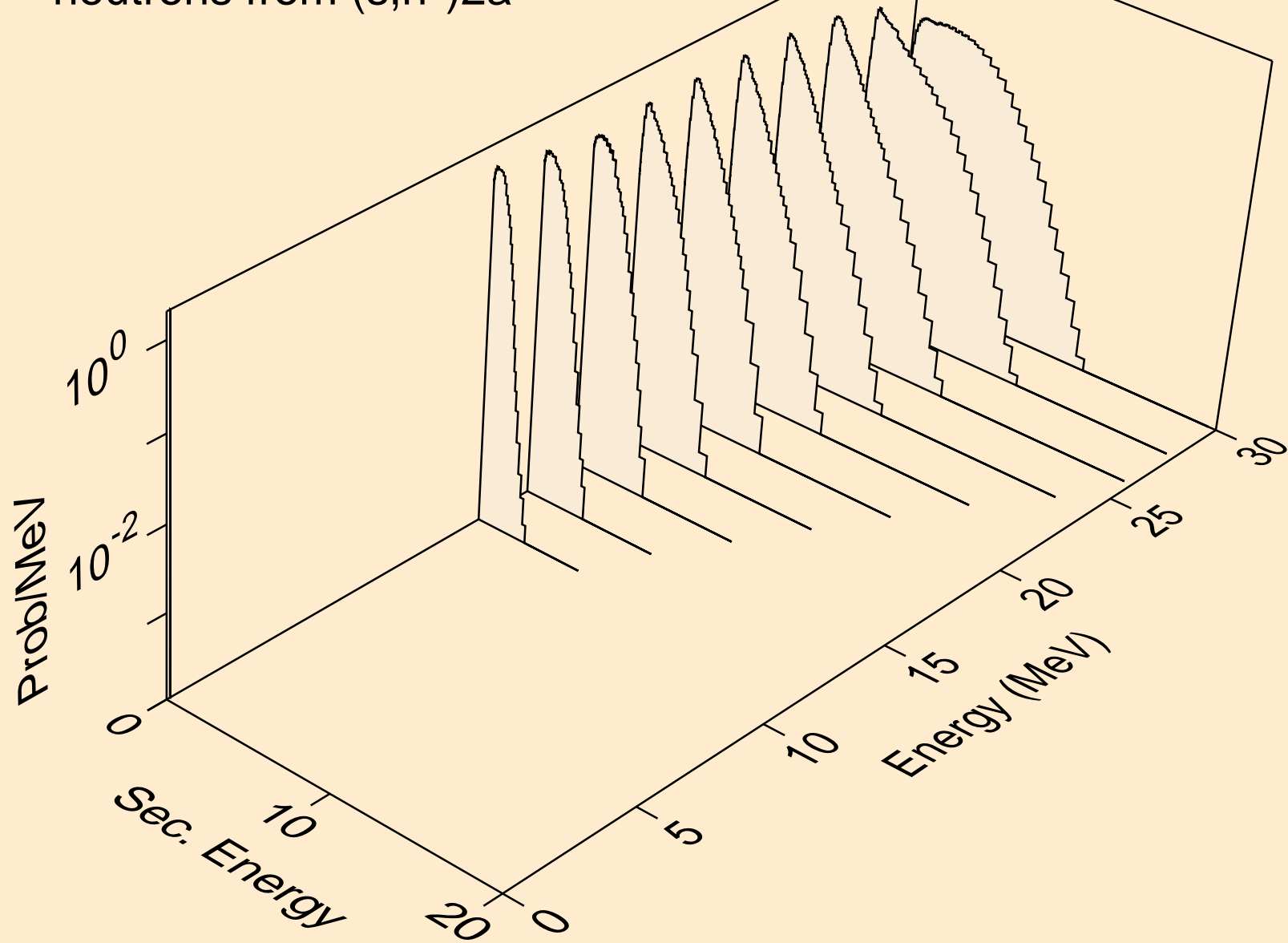


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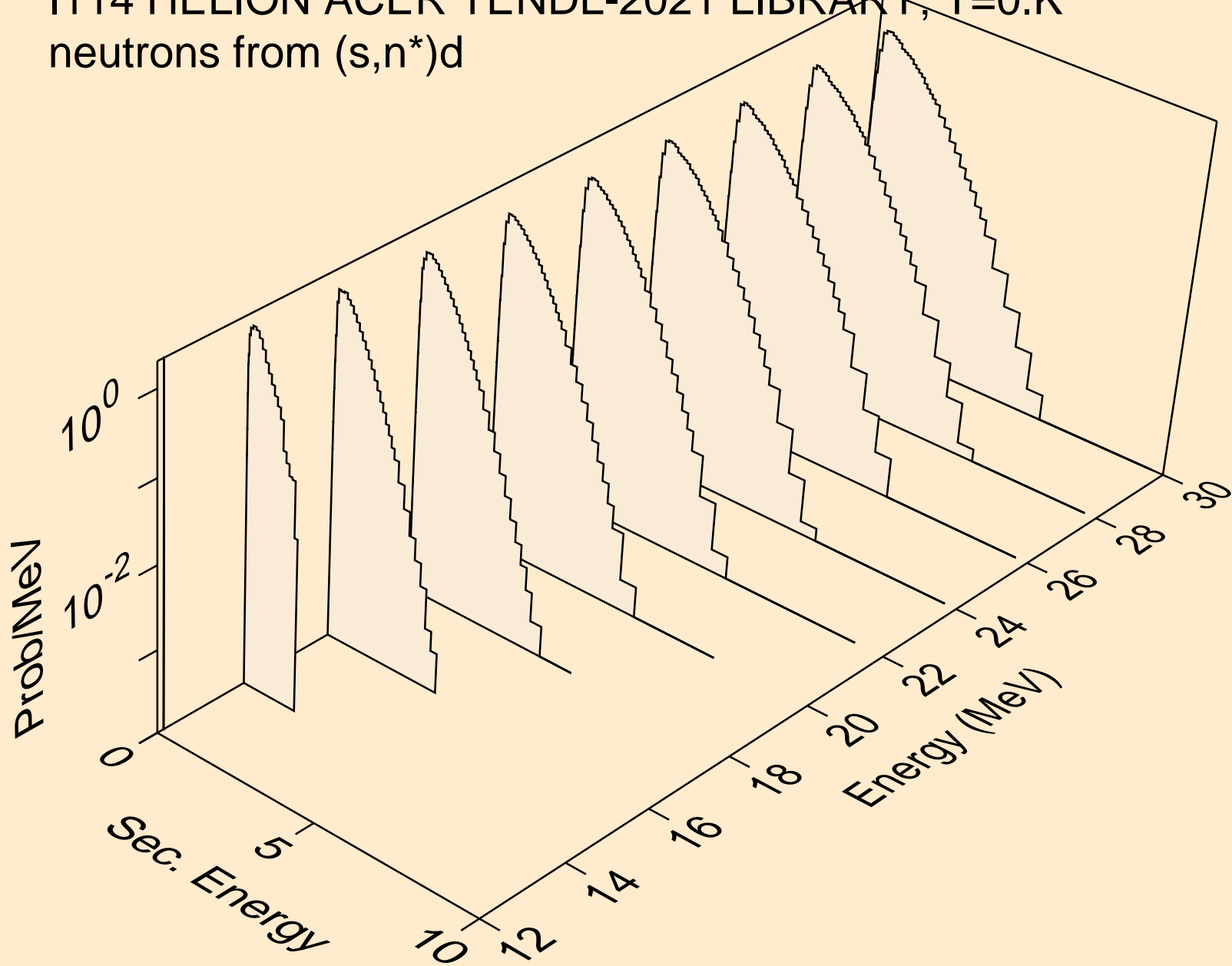




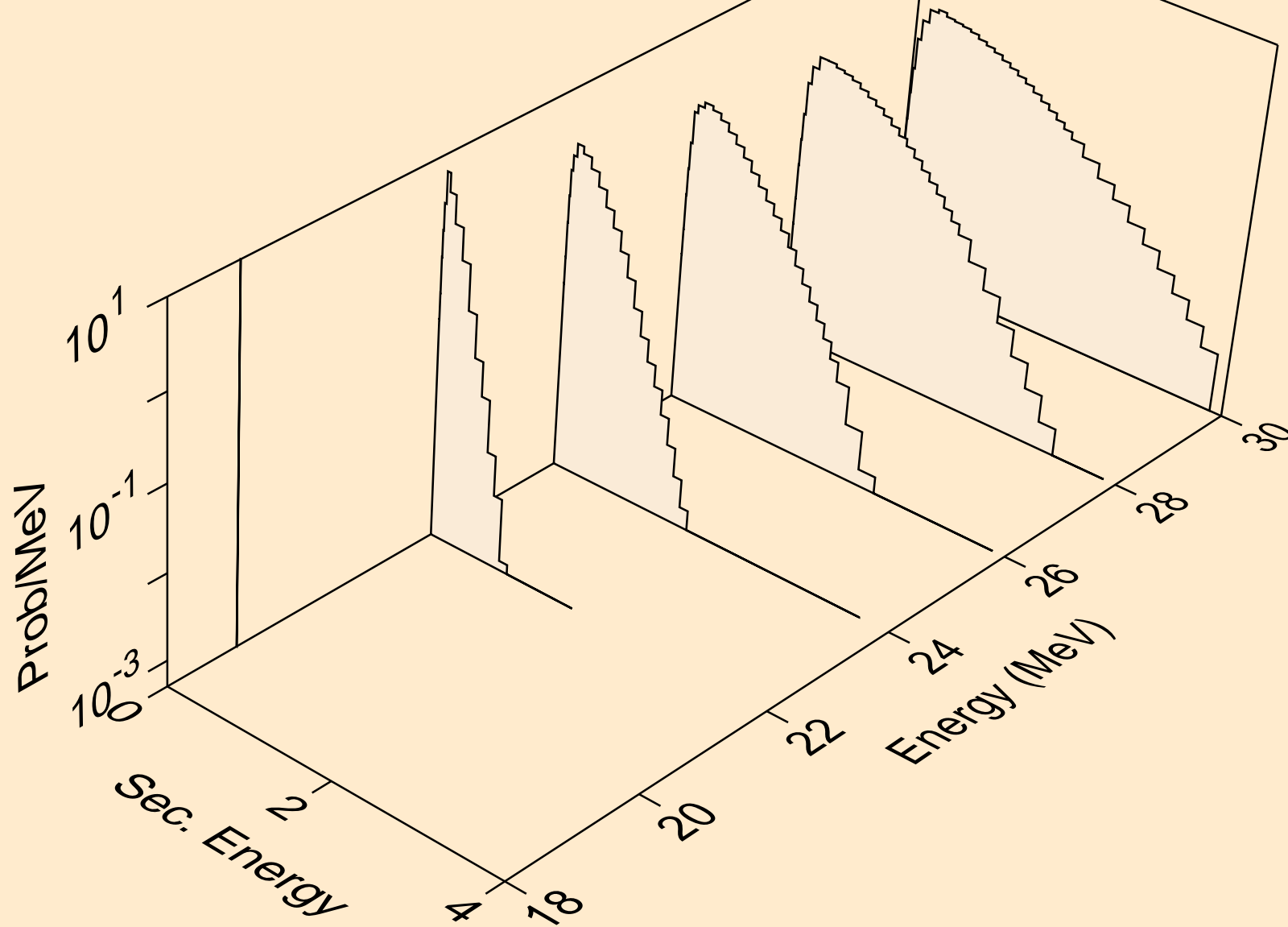
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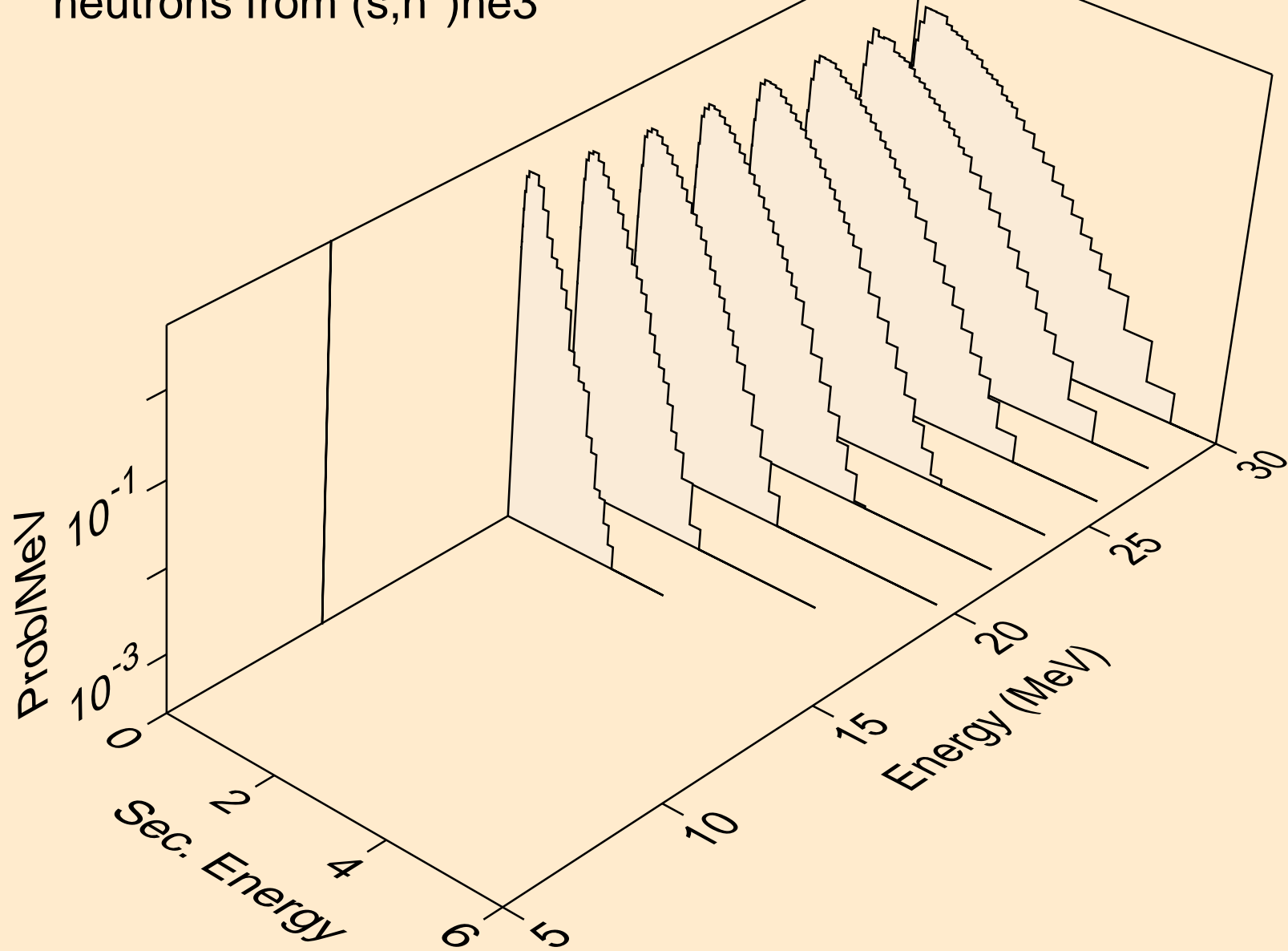
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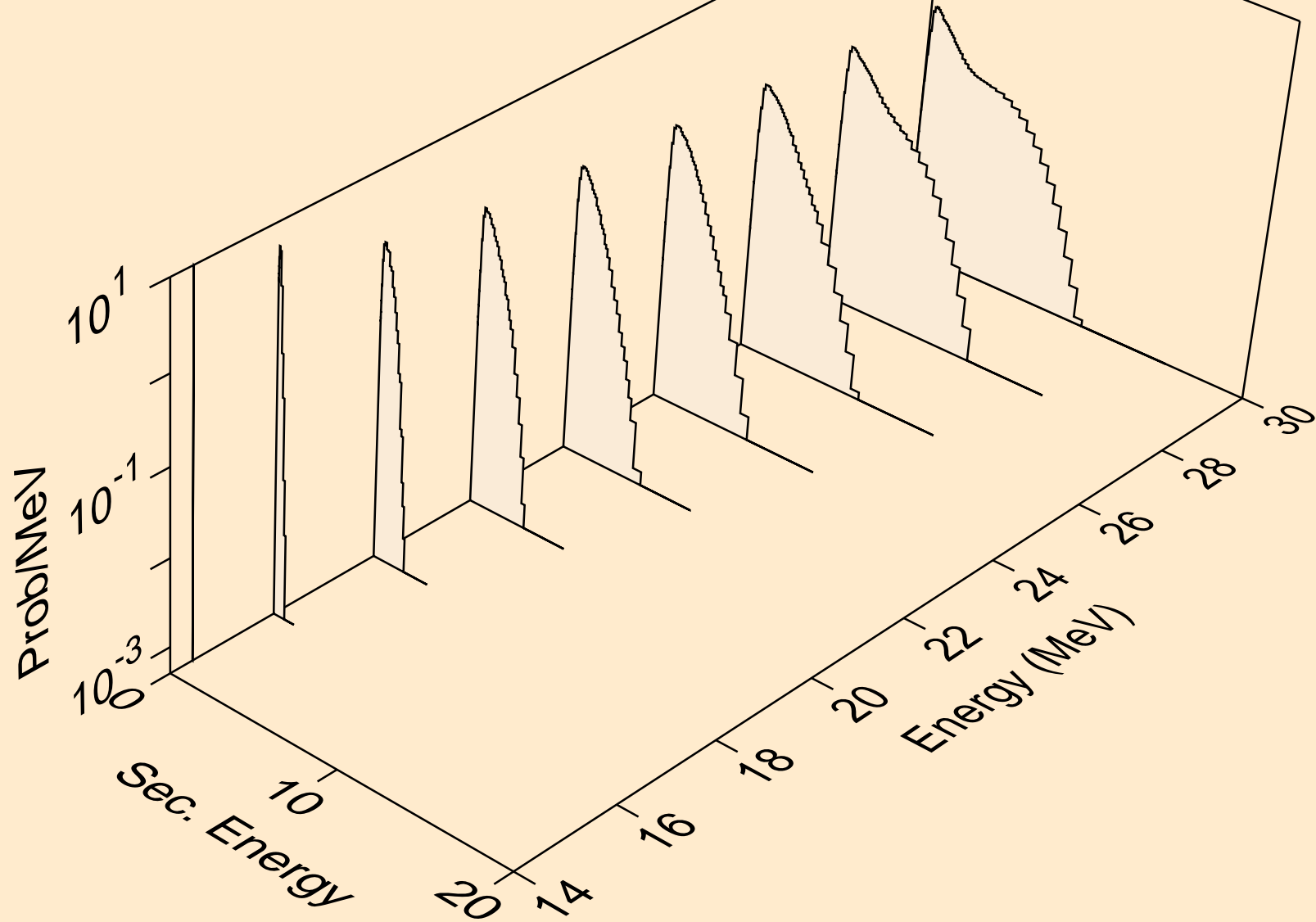
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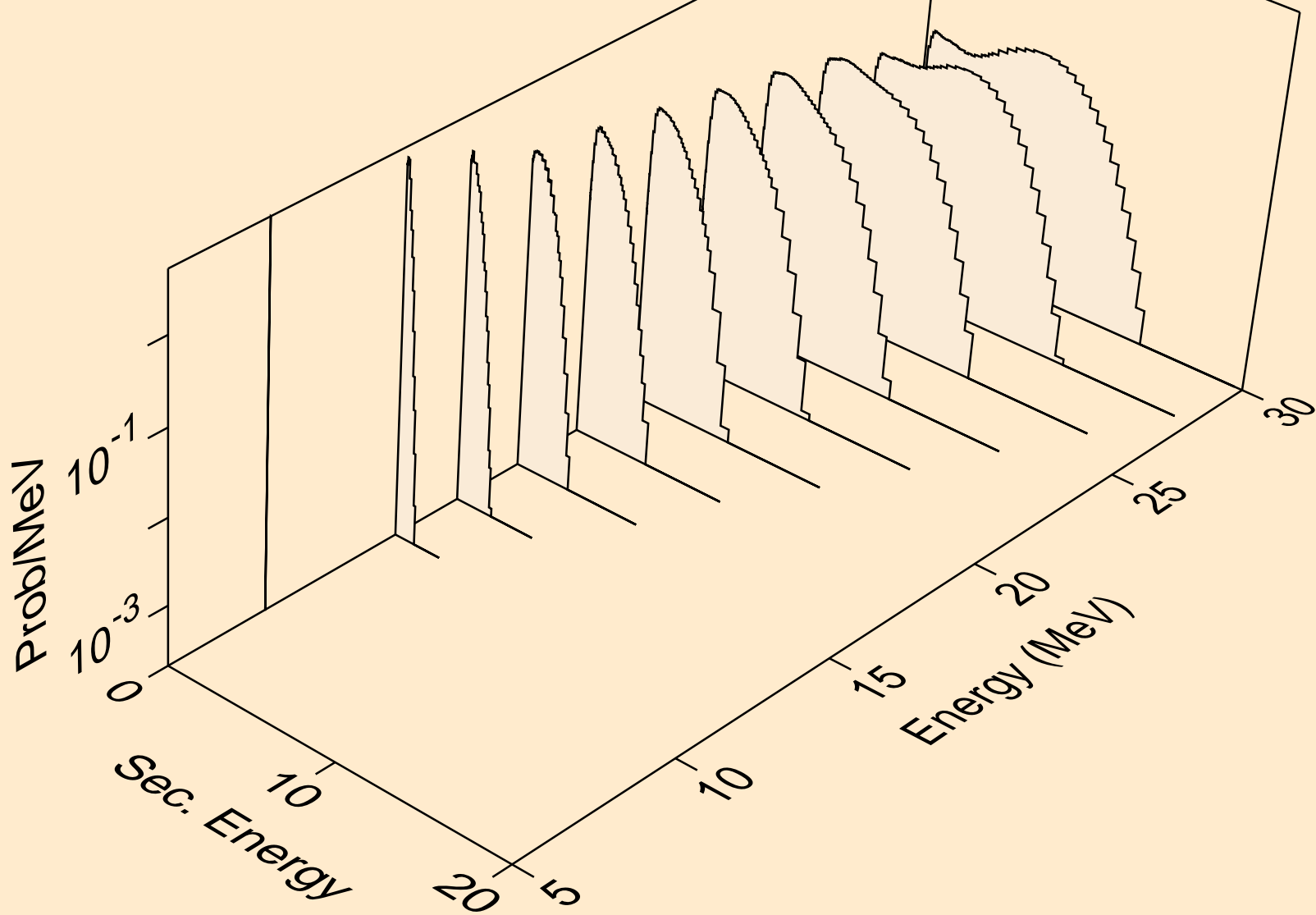
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neutrons from (s,n\*)he3



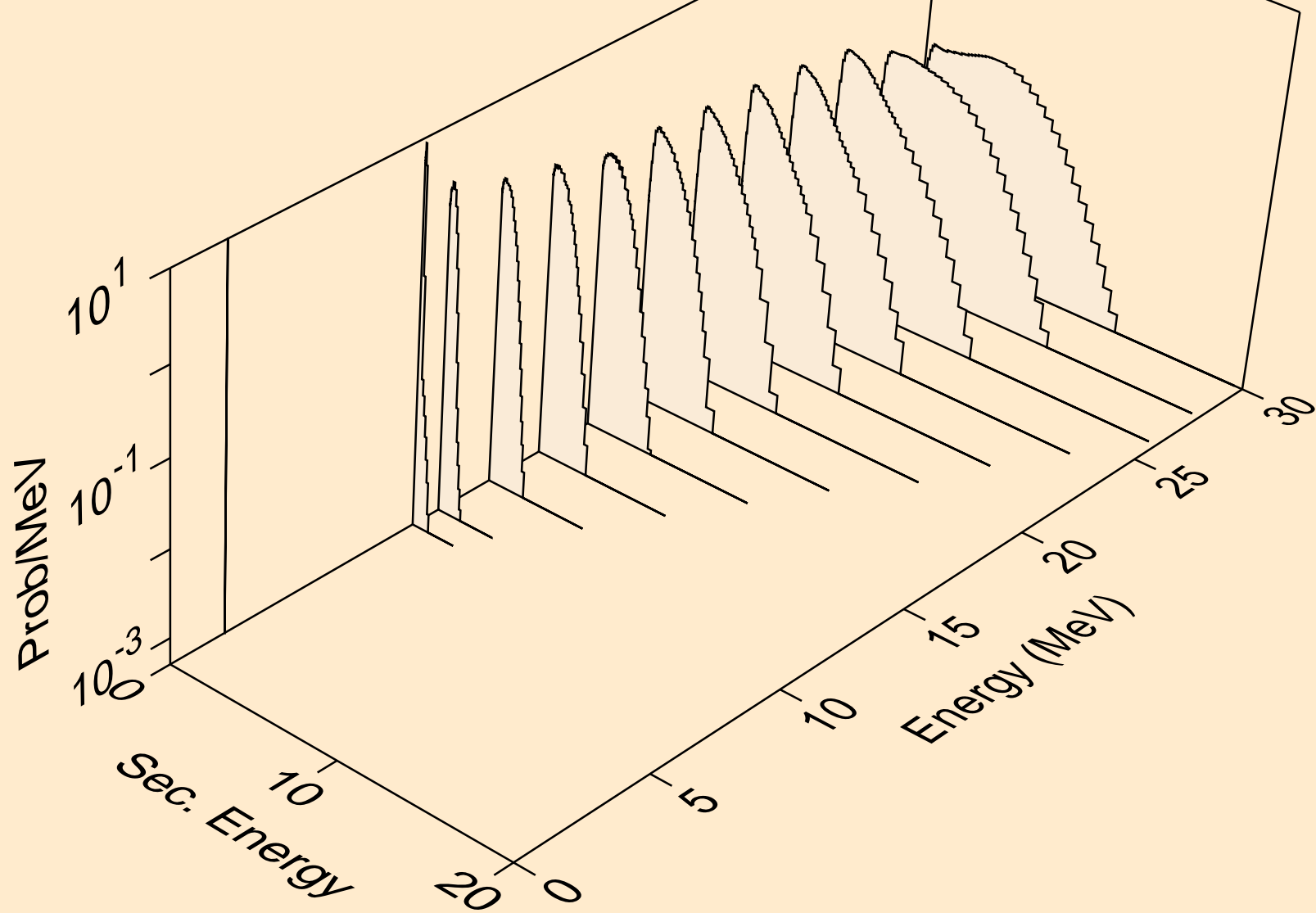
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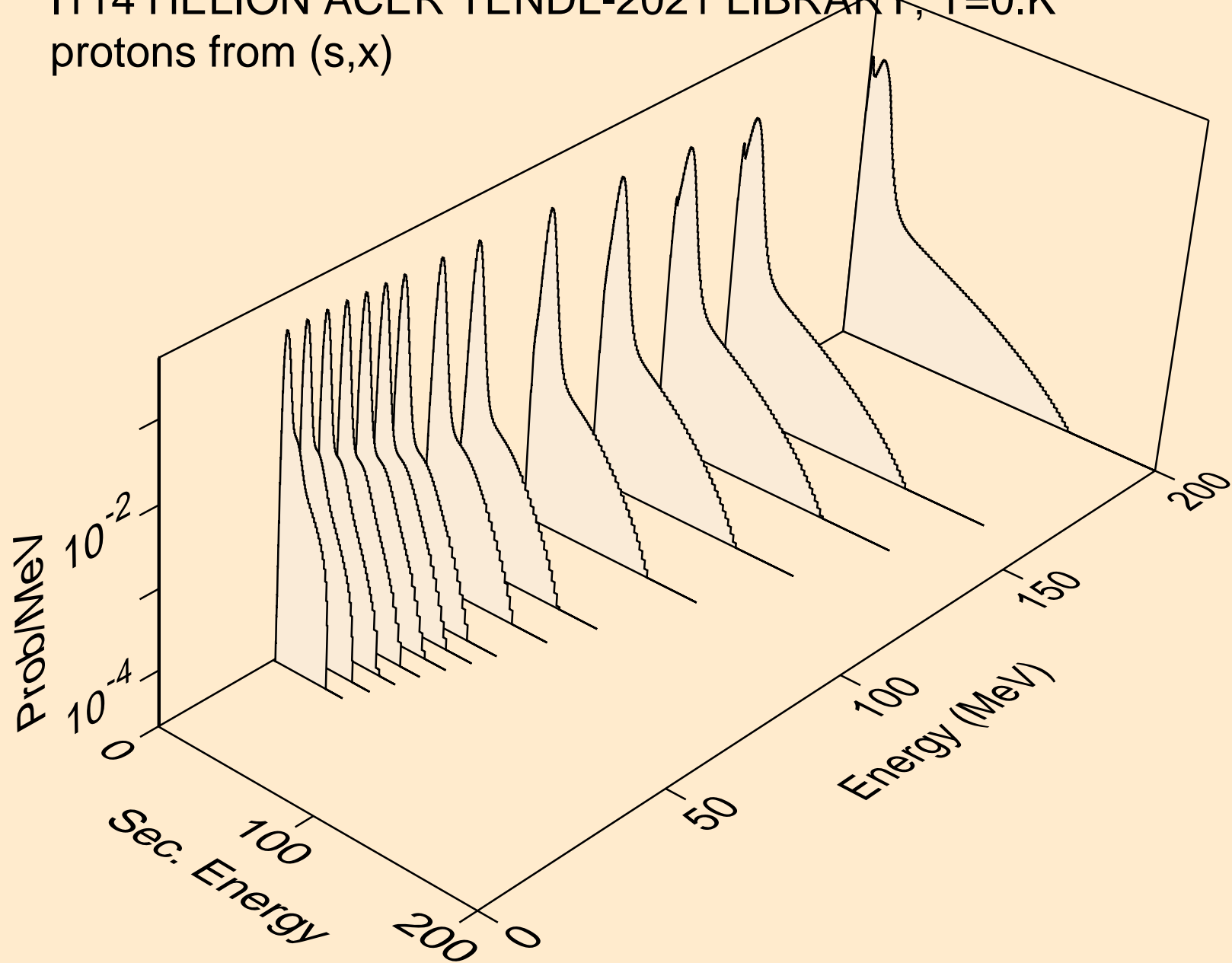
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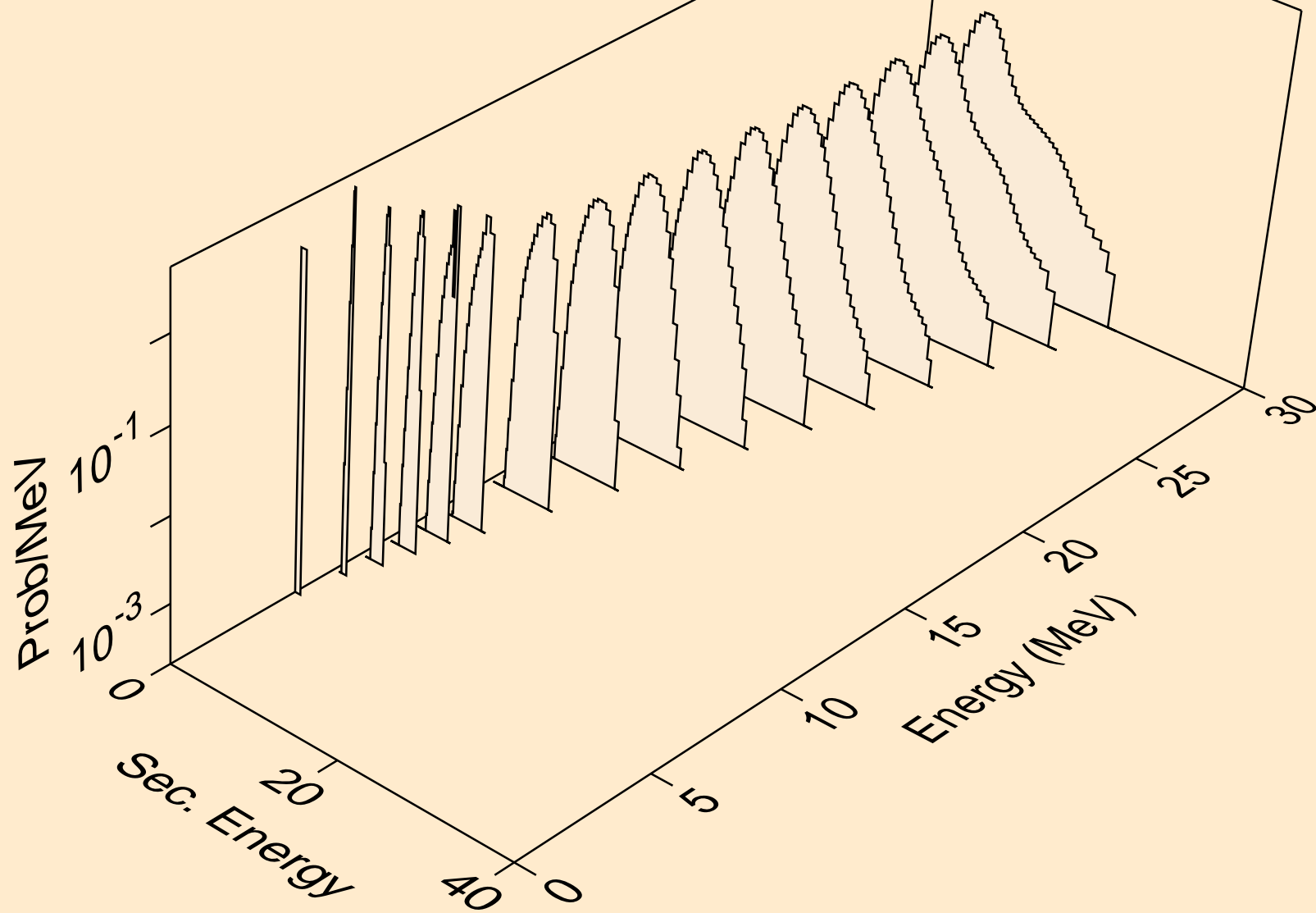


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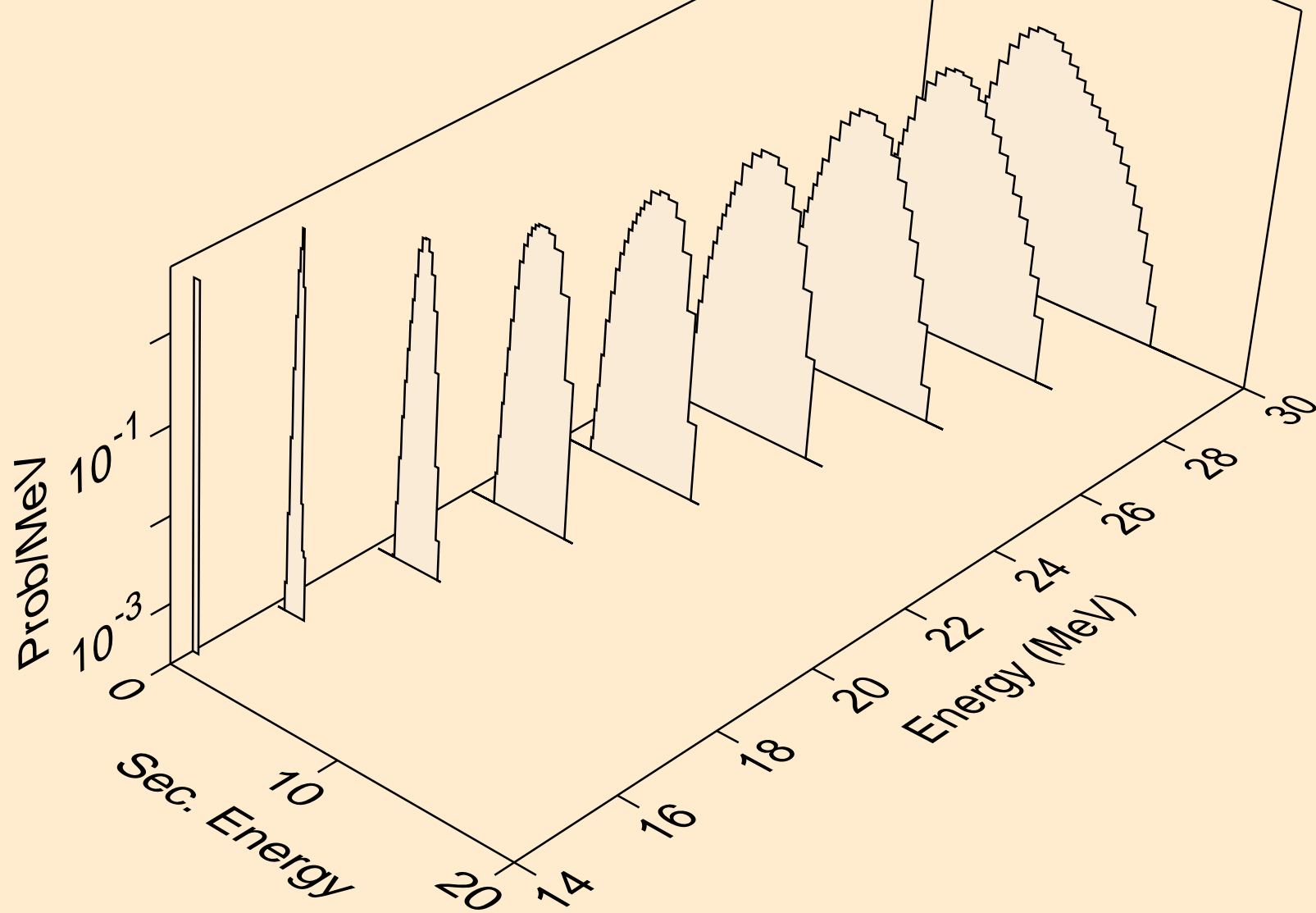




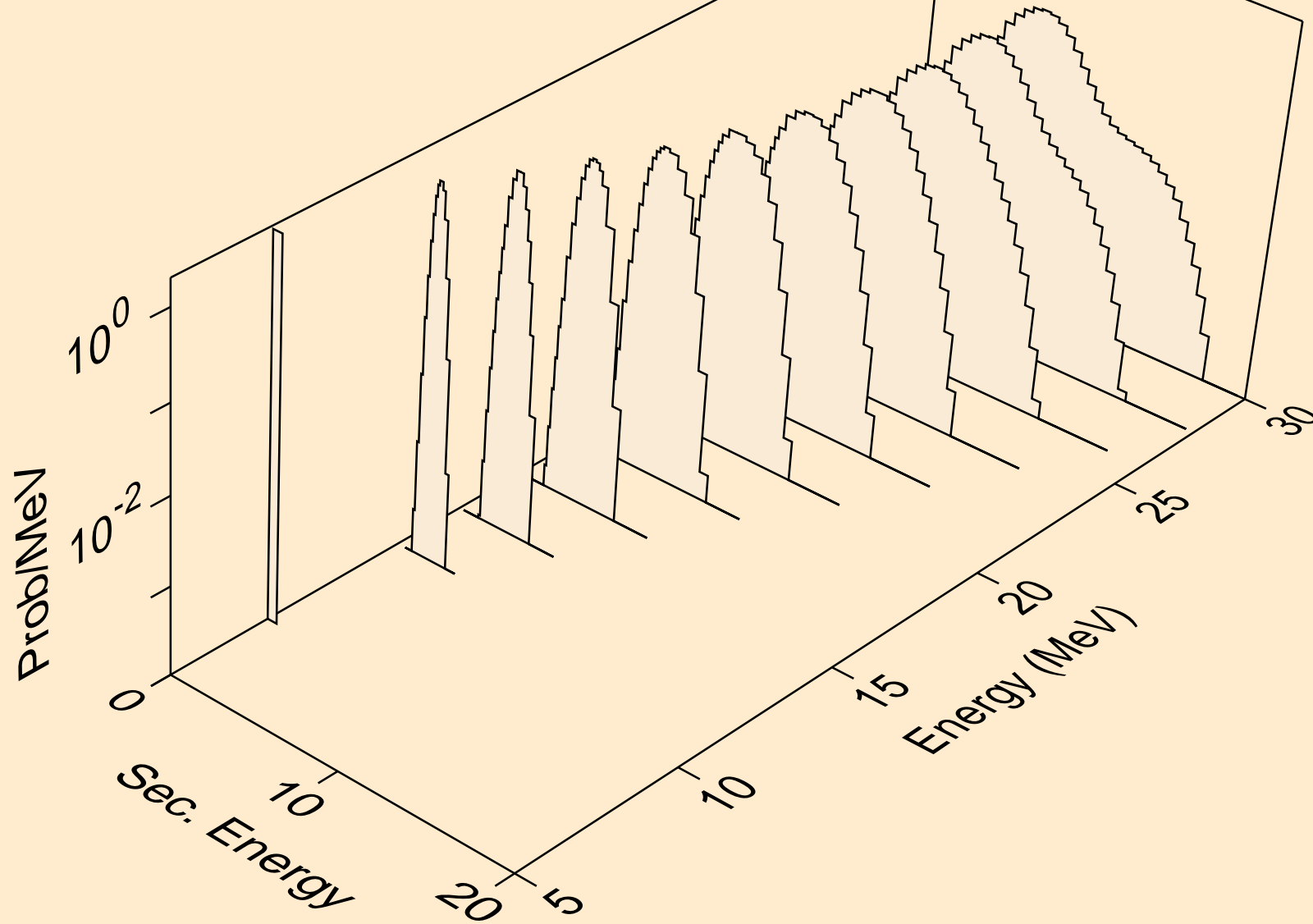
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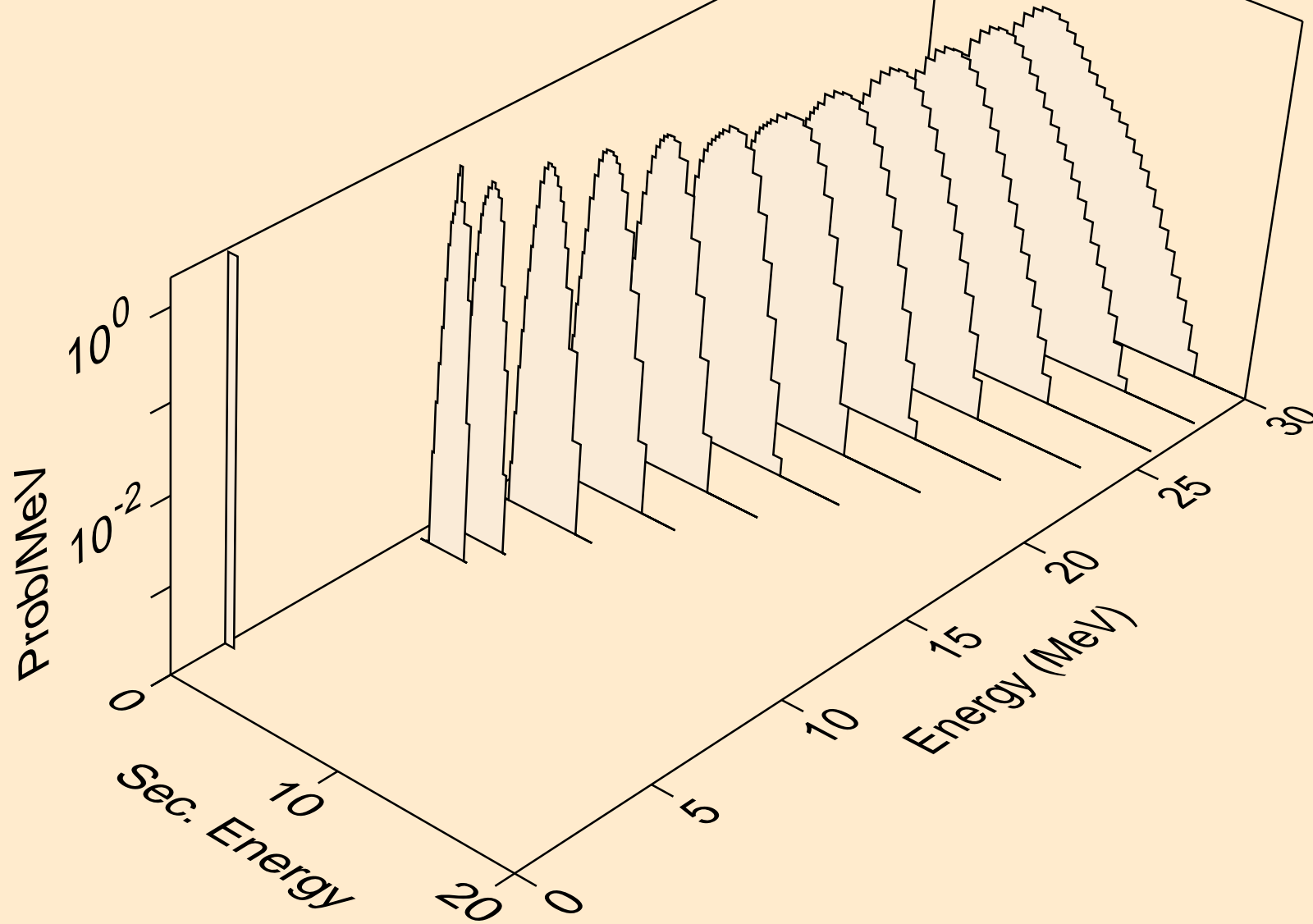
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protons from (s,2np)



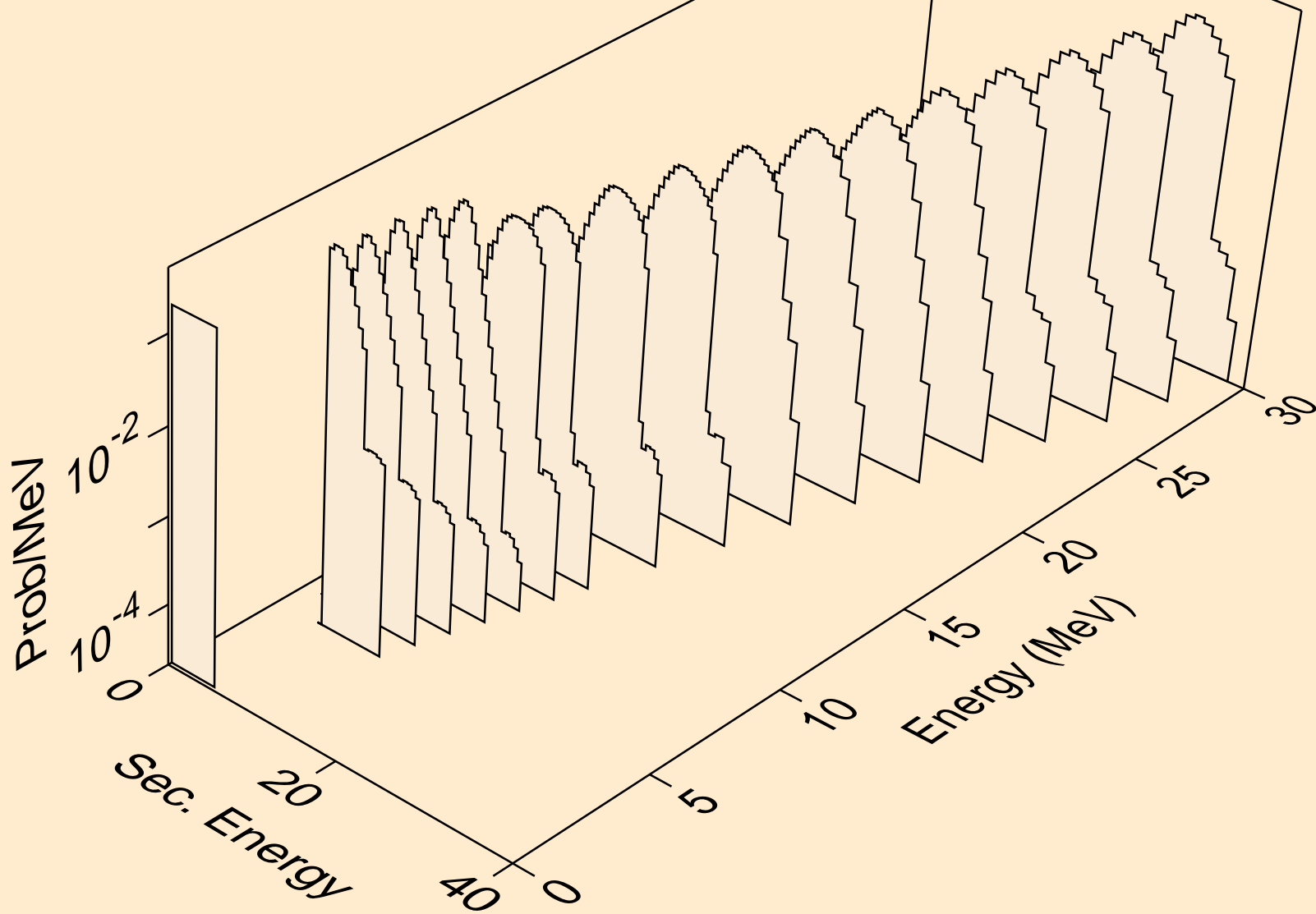
I114 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2np)



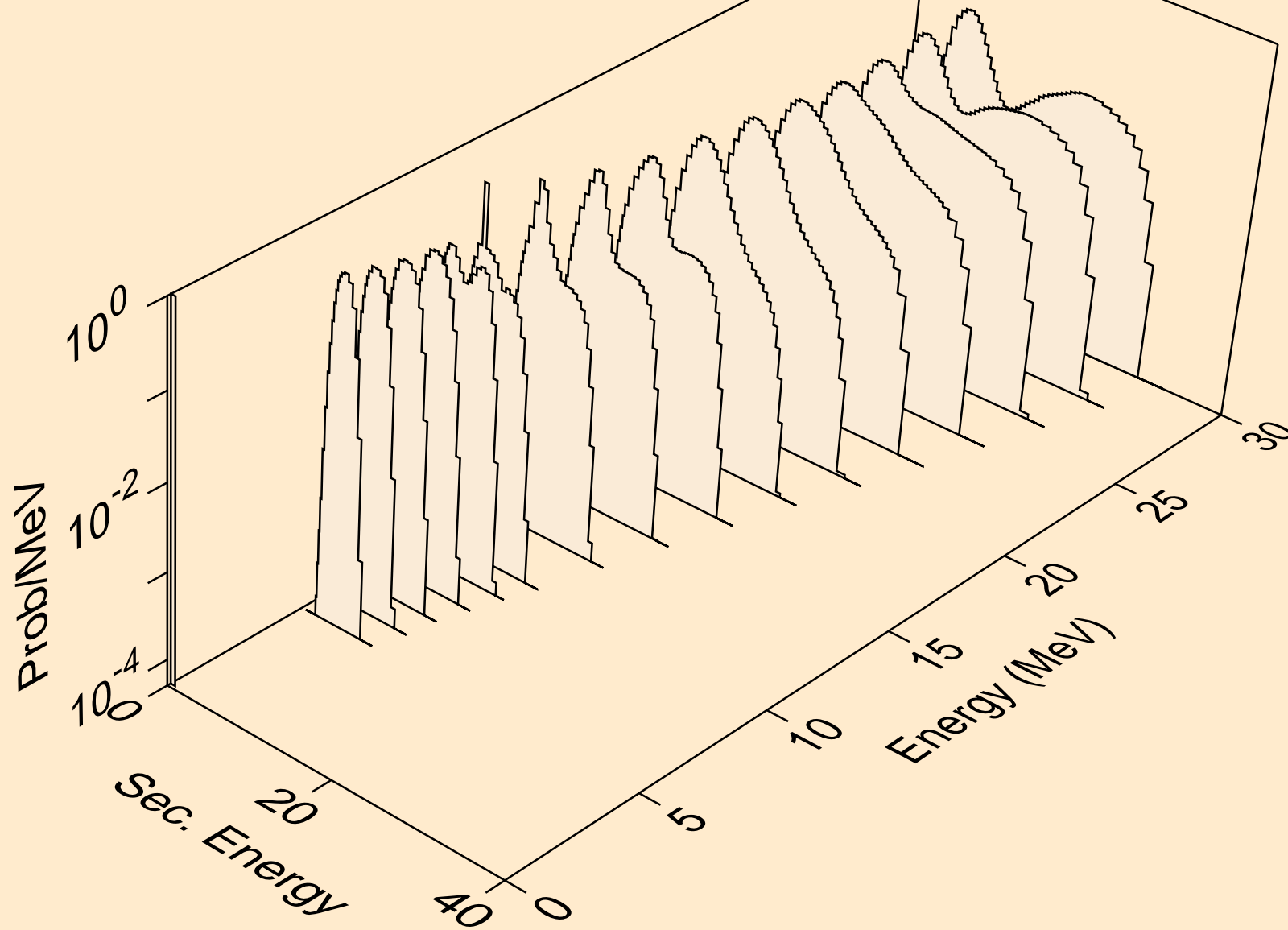
I114 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,npa)



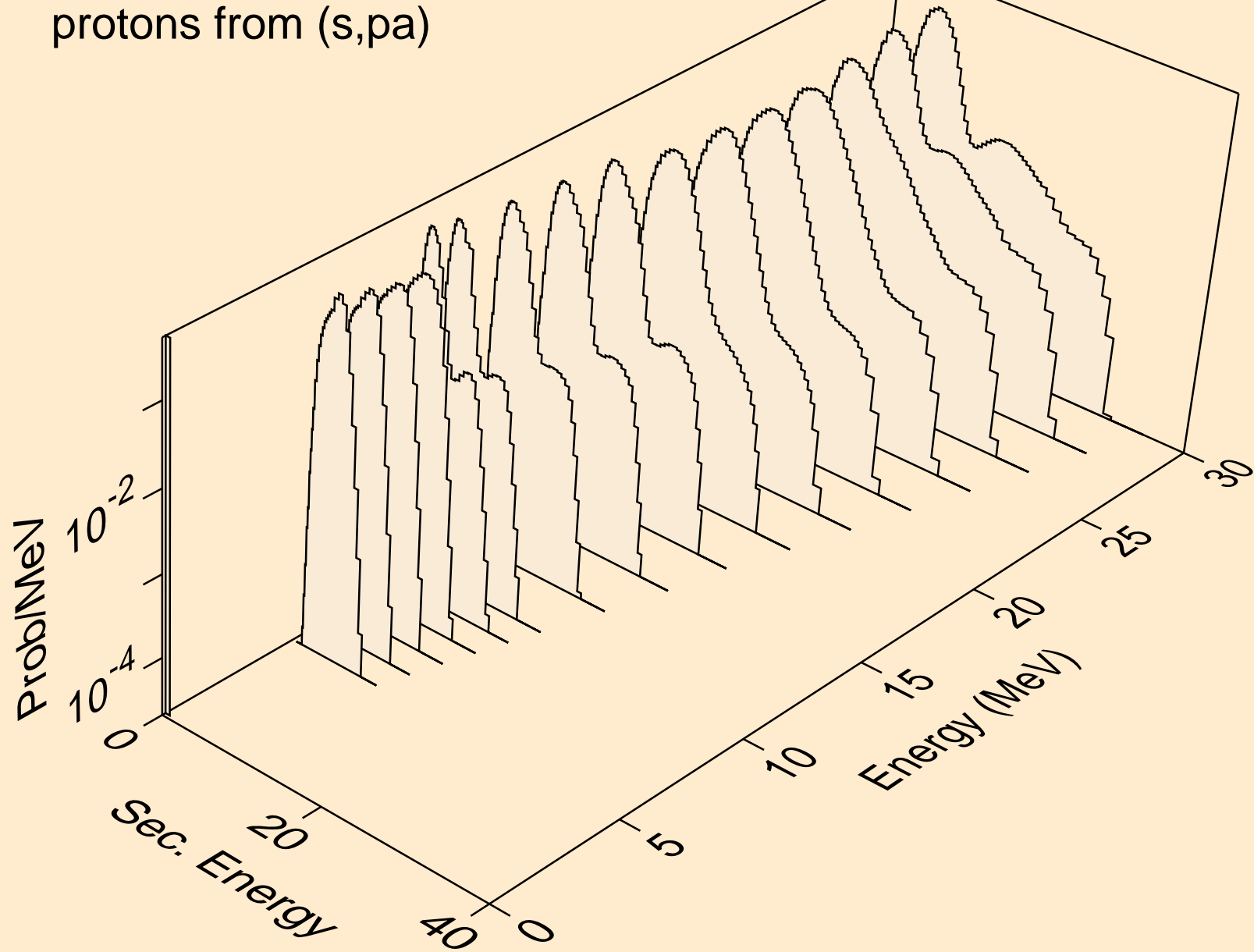
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protons from (s,p)



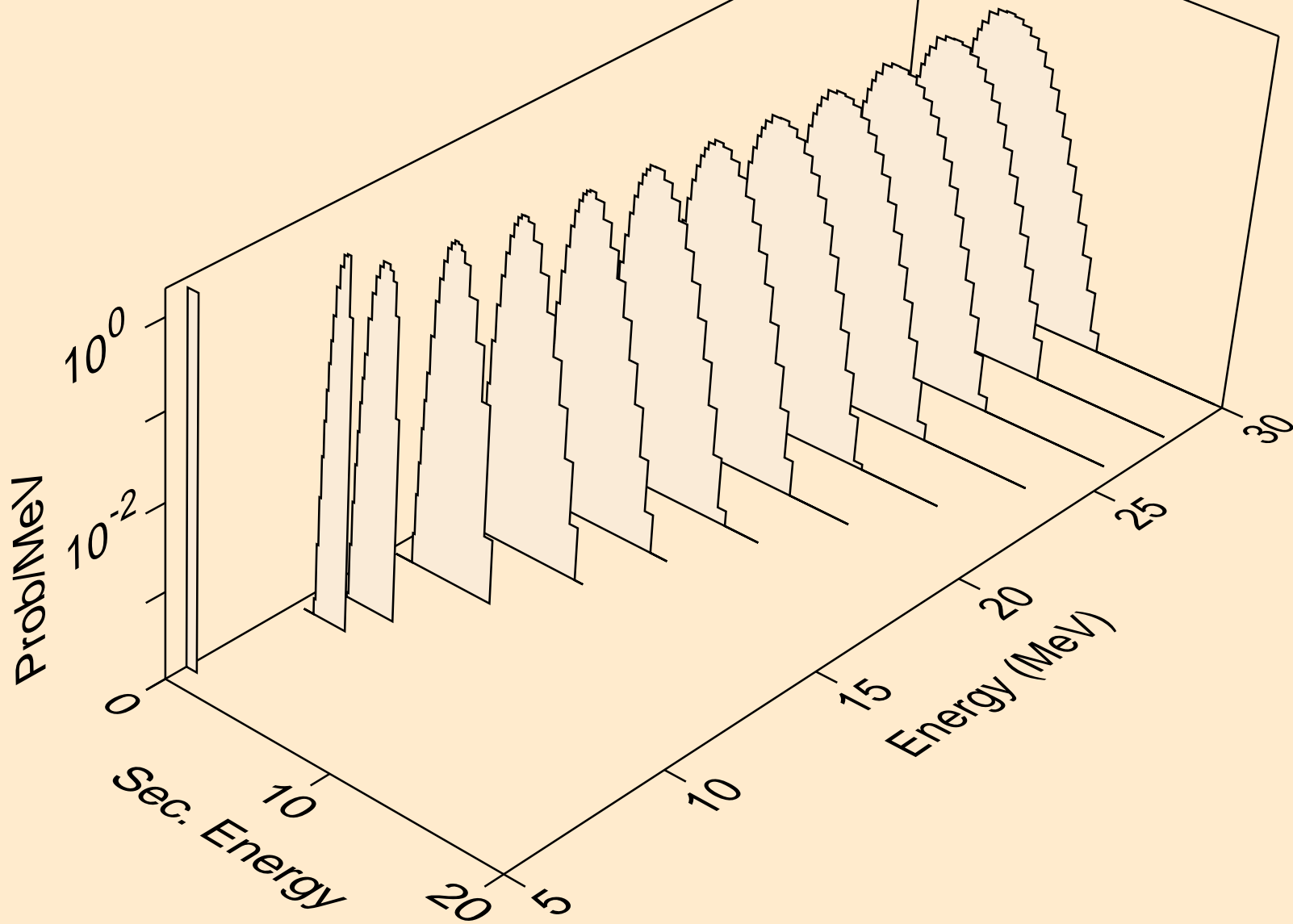
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protons from (s,2p)



I114 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pa)

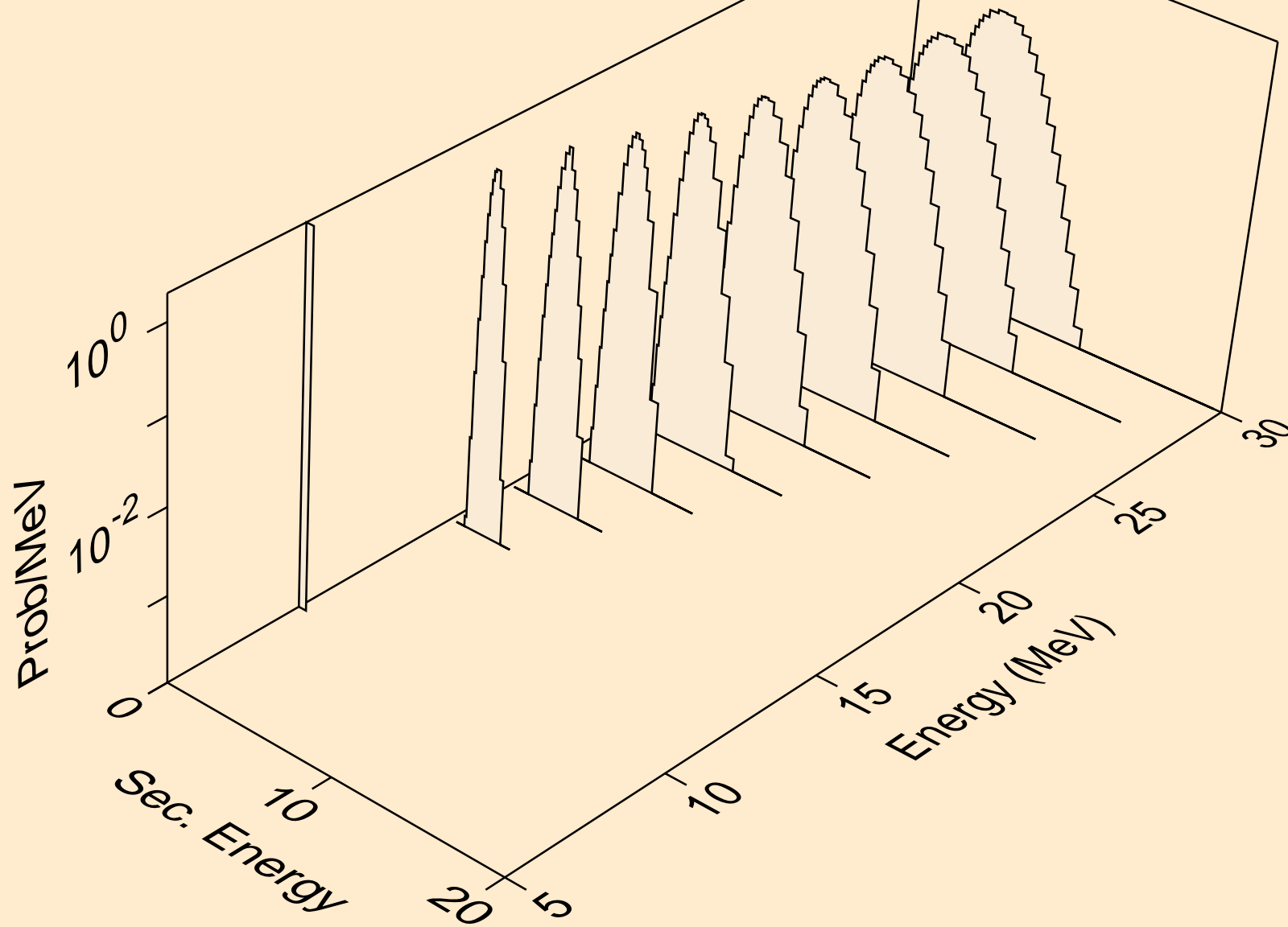


I114 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pd)

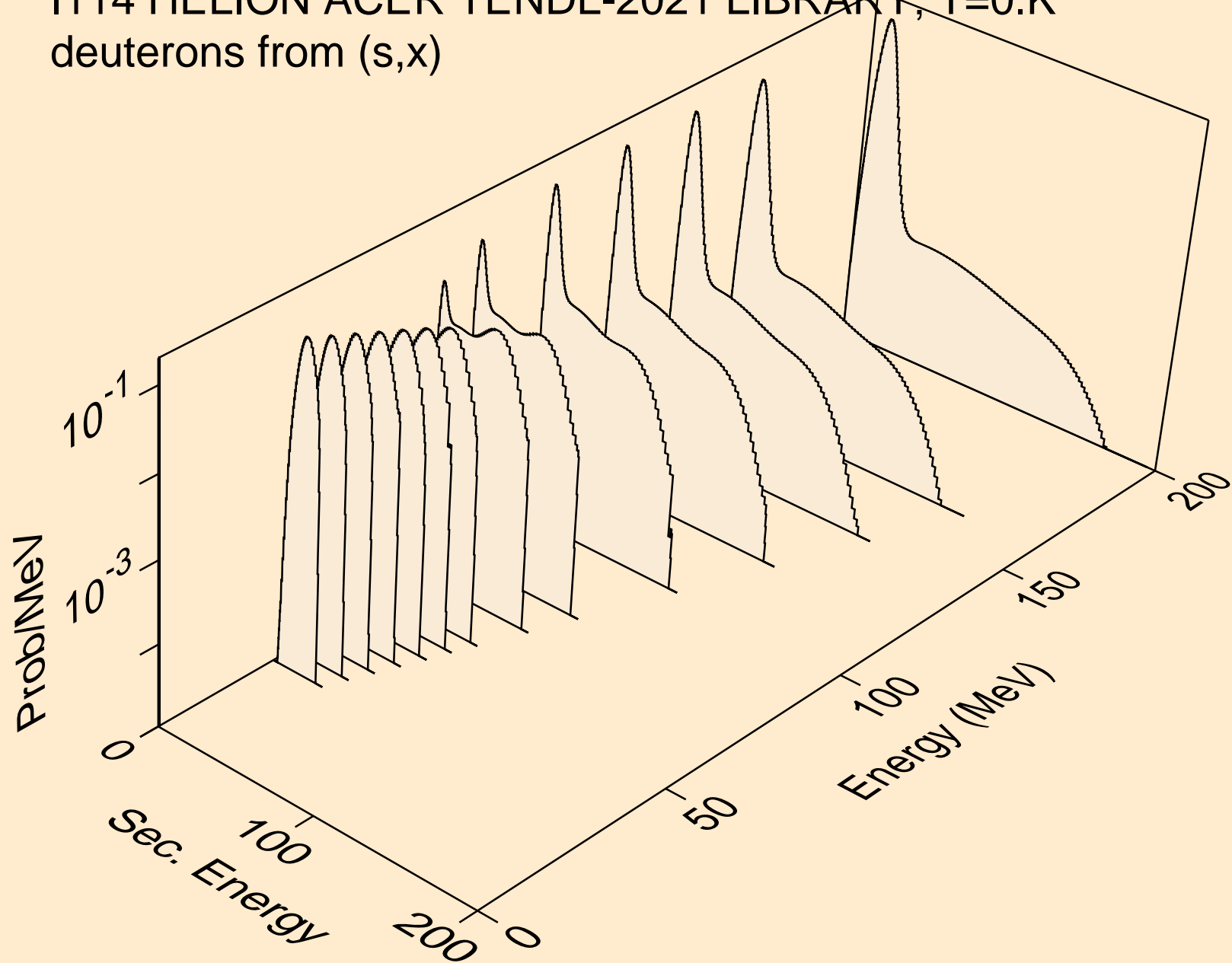




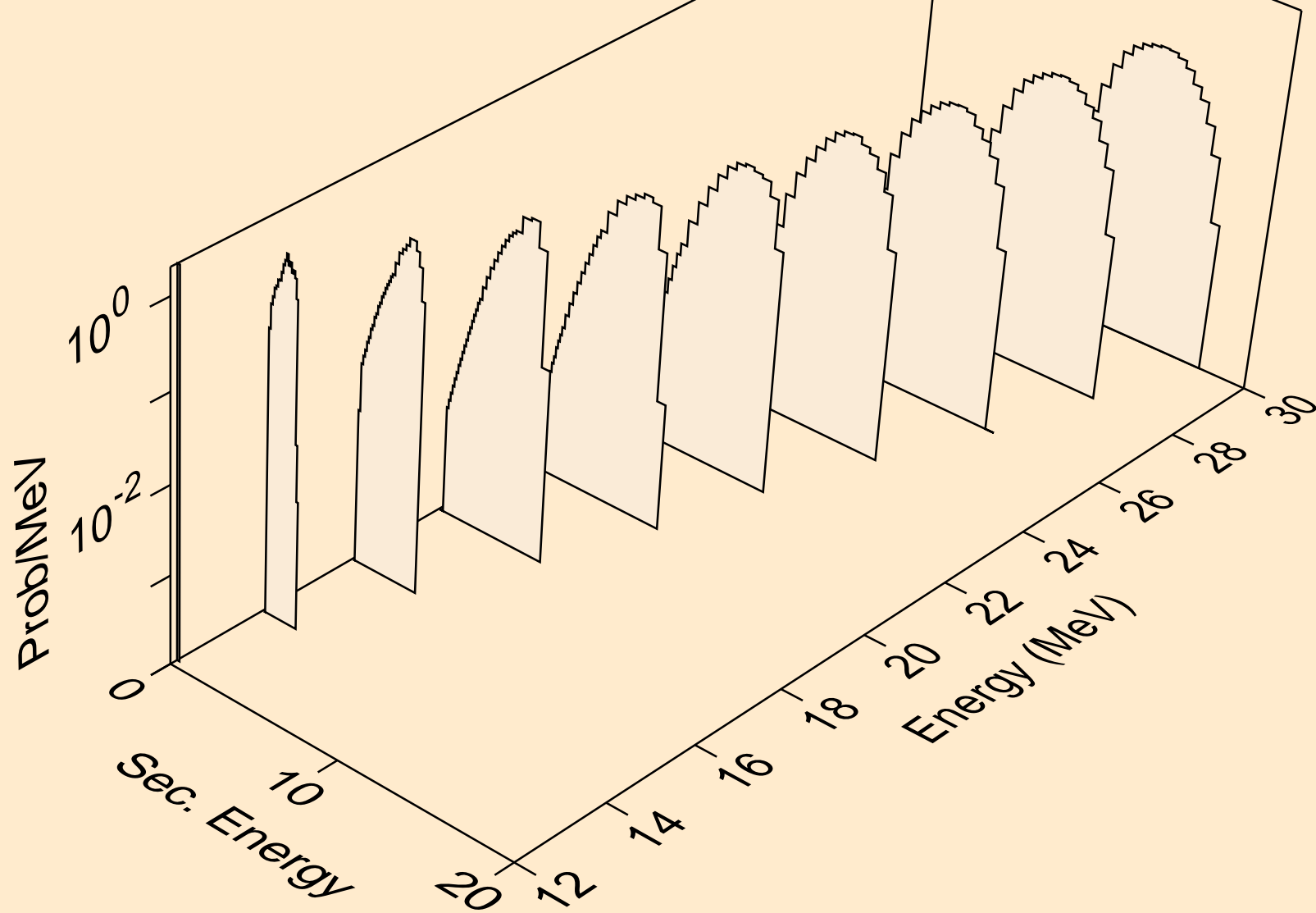
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protons from (s,pt)



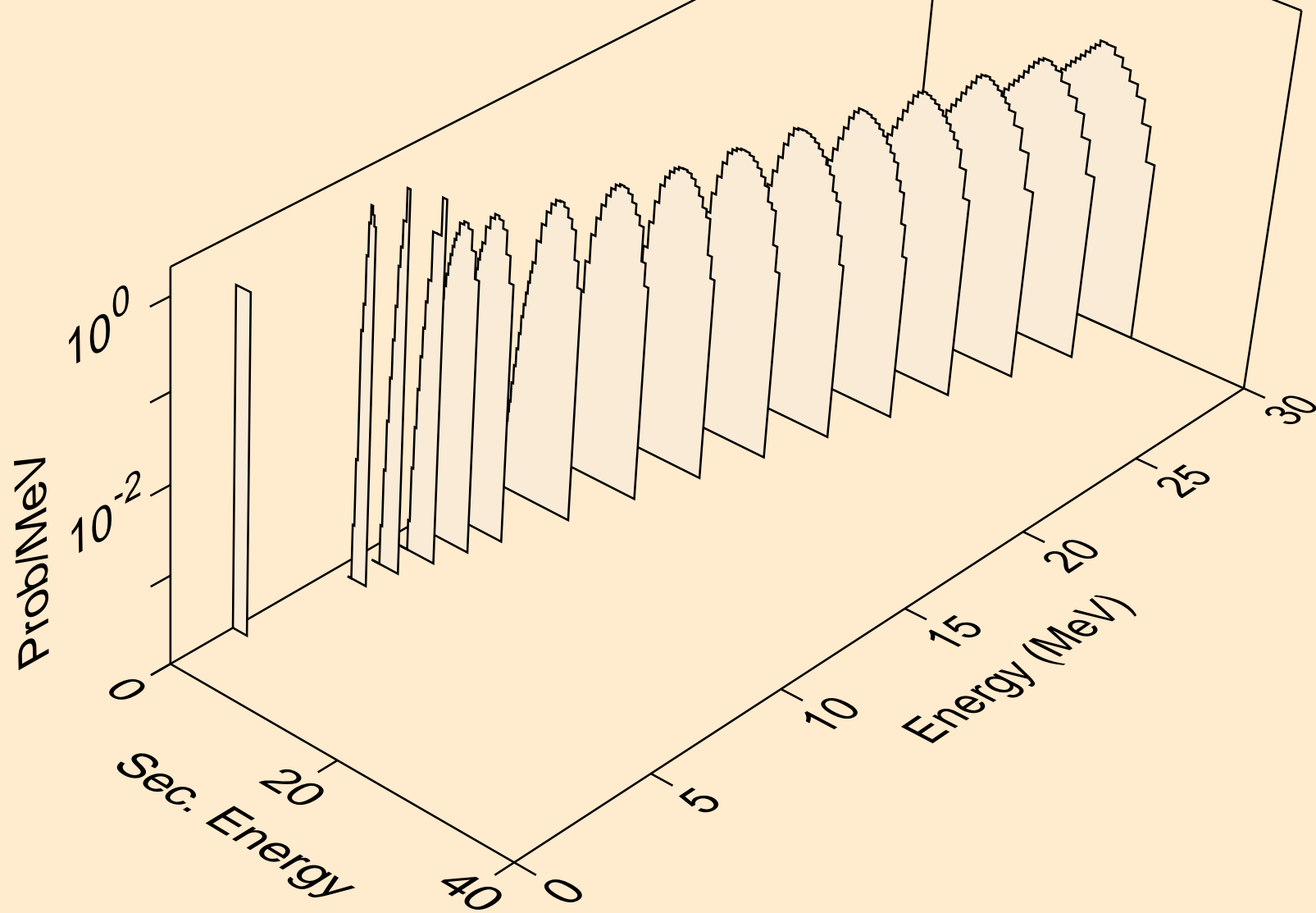
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deuterons from (s,x)



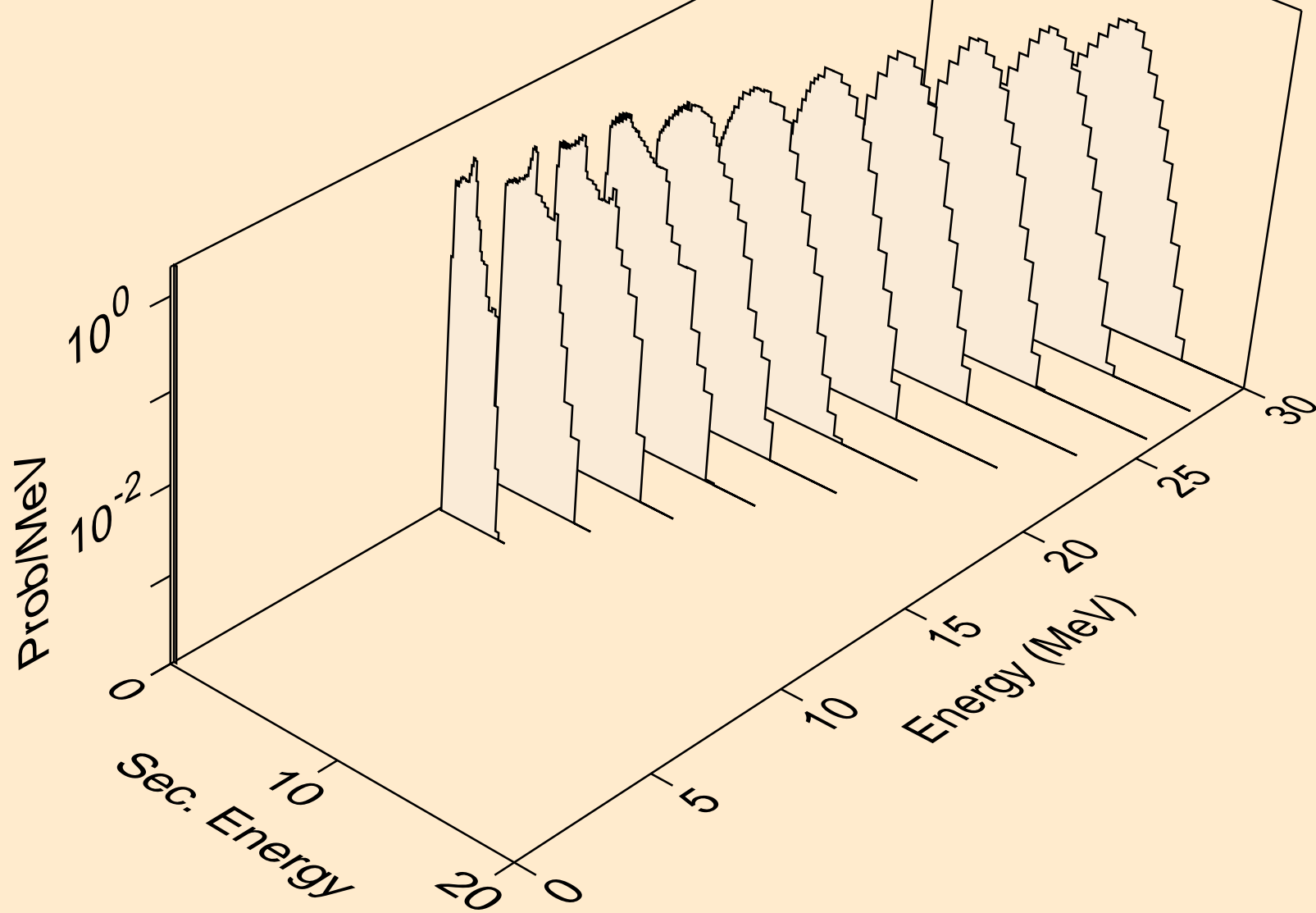
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deuterons from (s,n\*)d



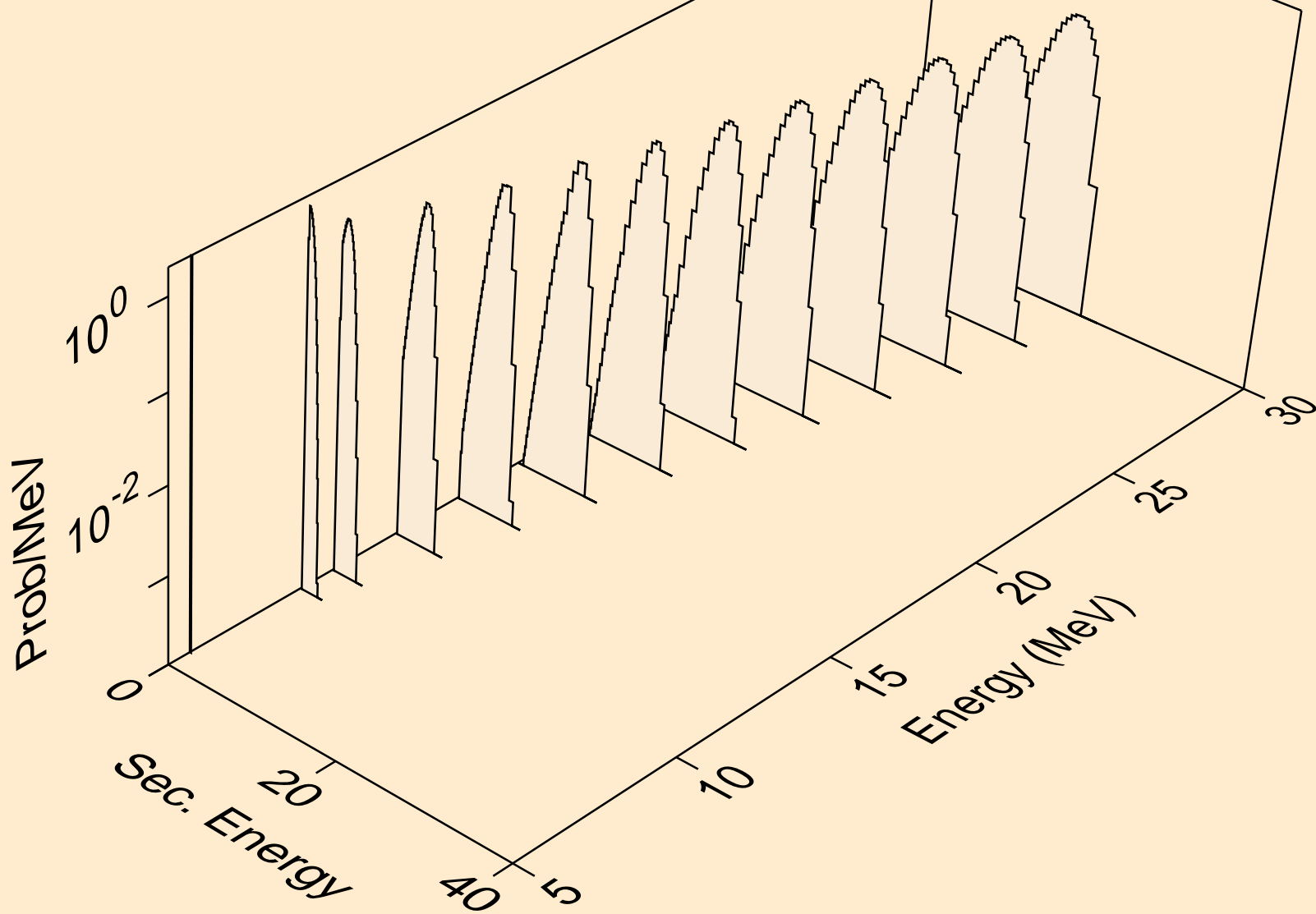
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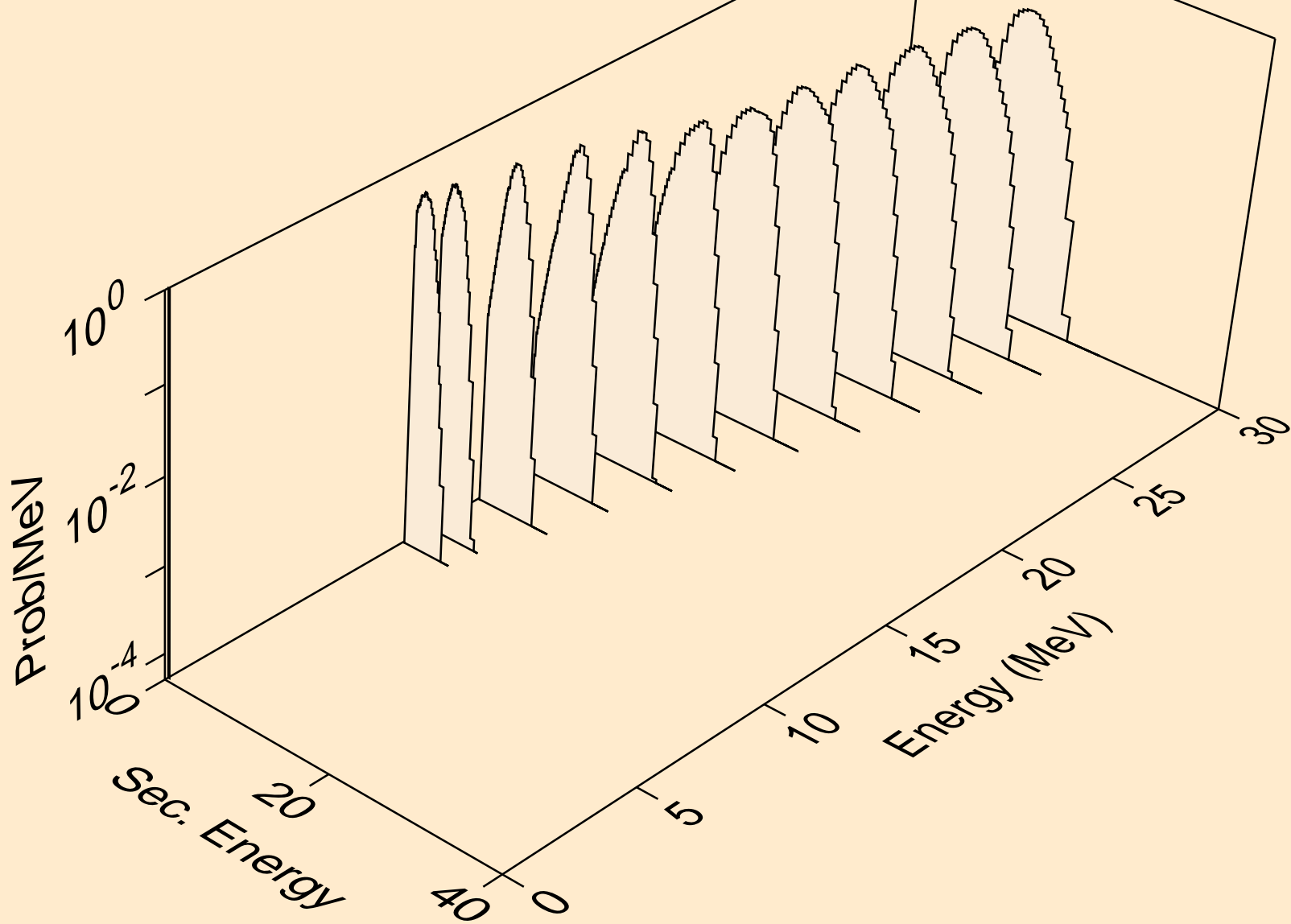
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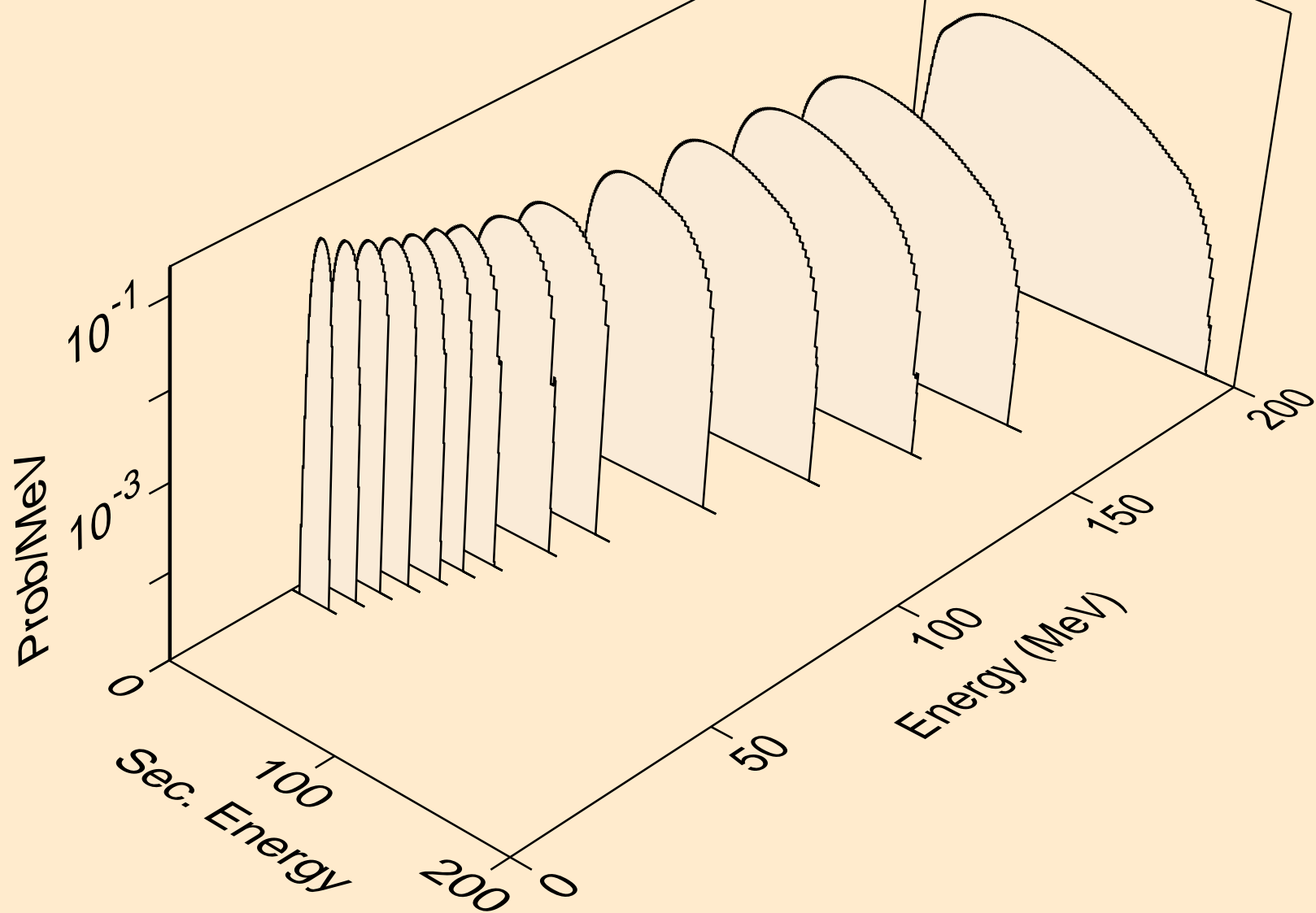
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deuterons from (s,pd)



I114 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,da)

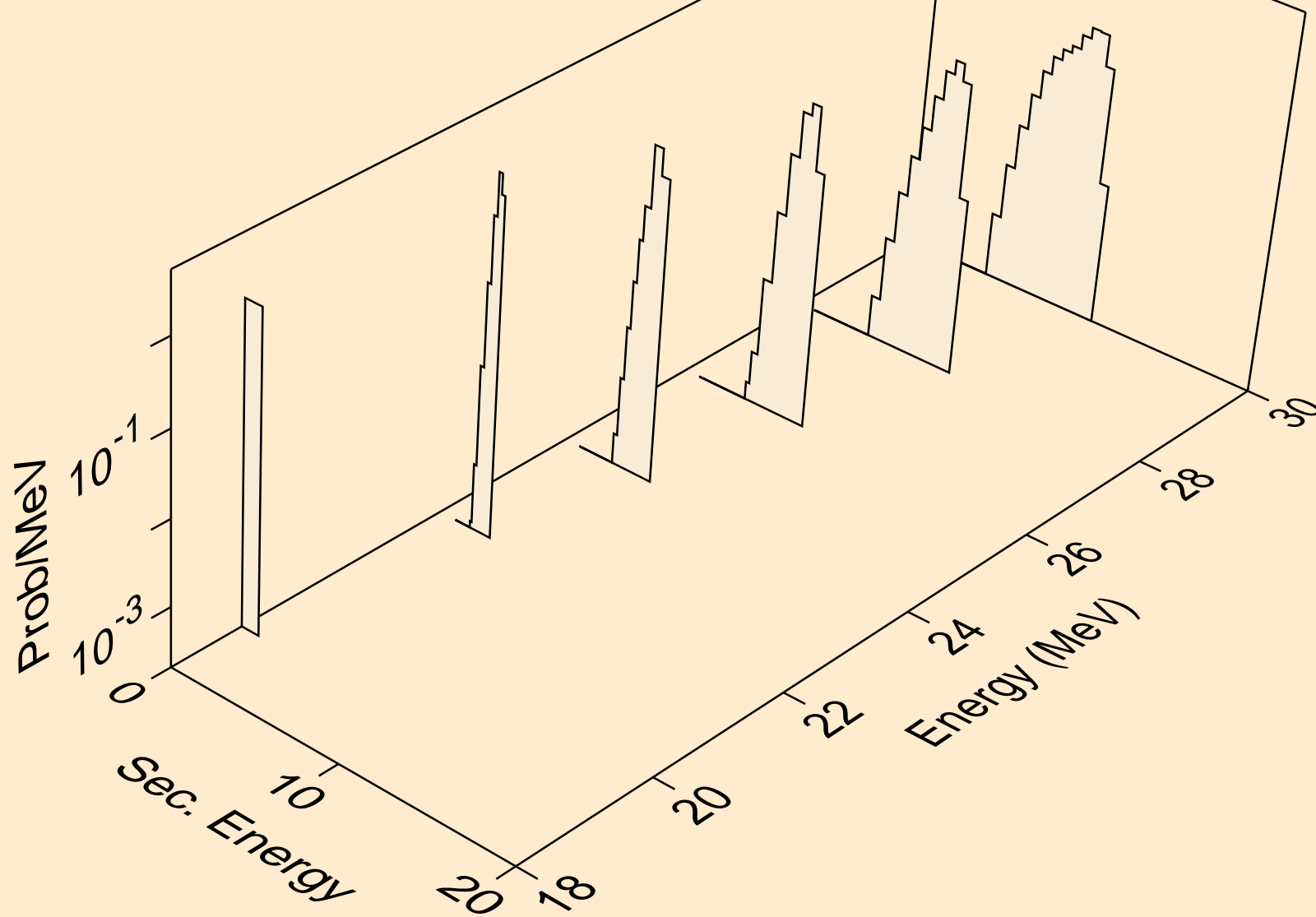


I114 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,x)

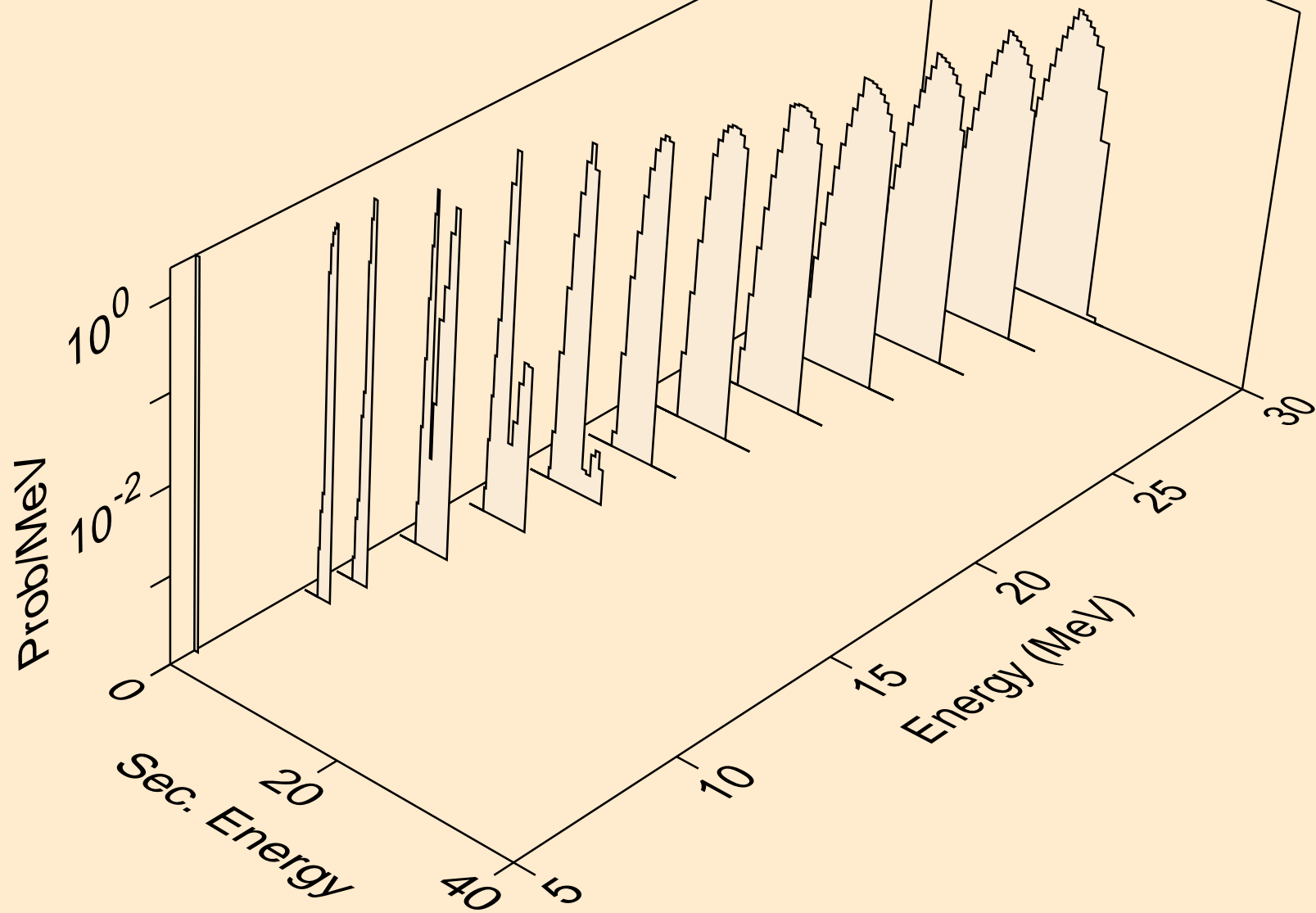




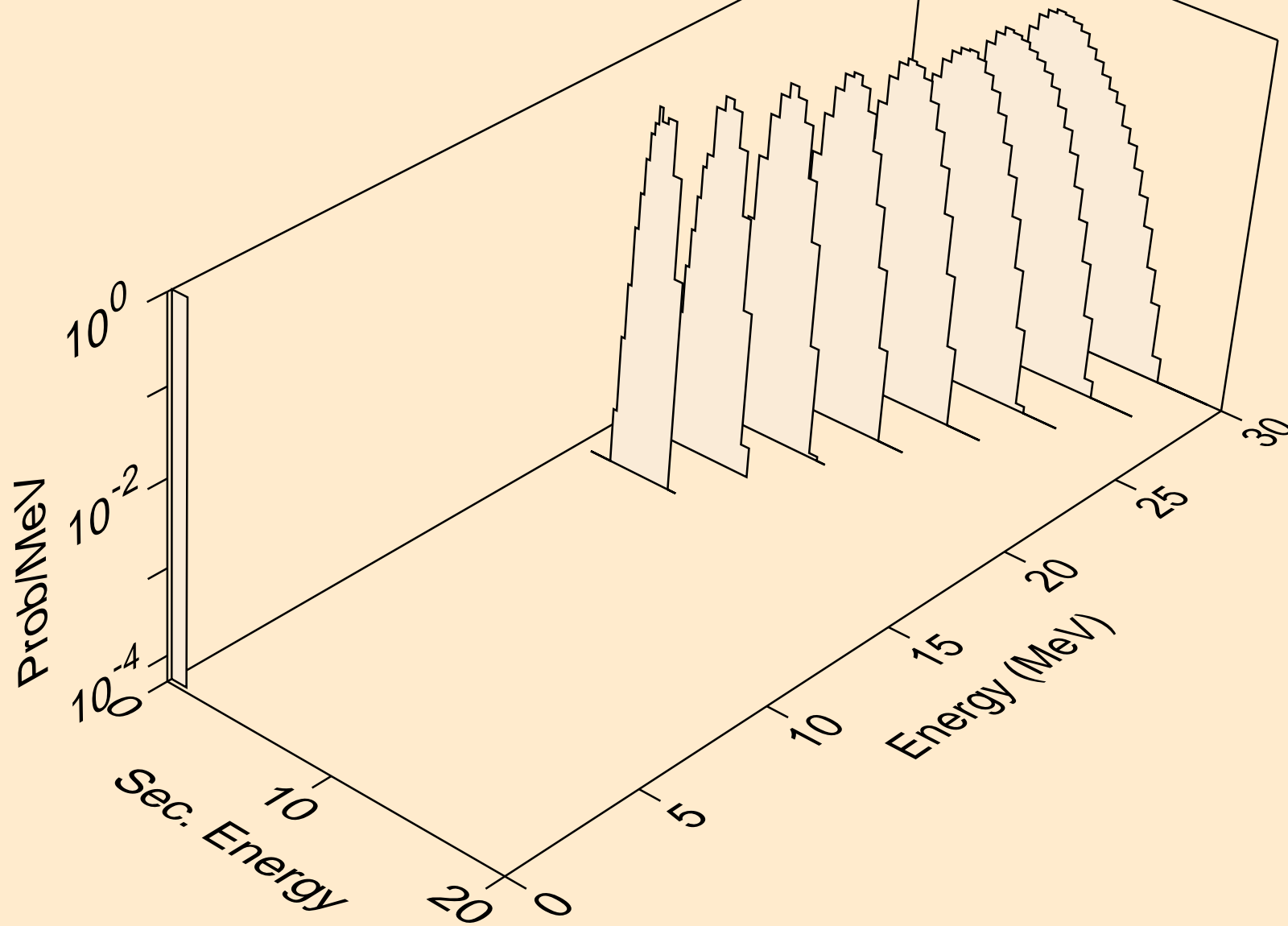
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tritons from (s,n\*)t



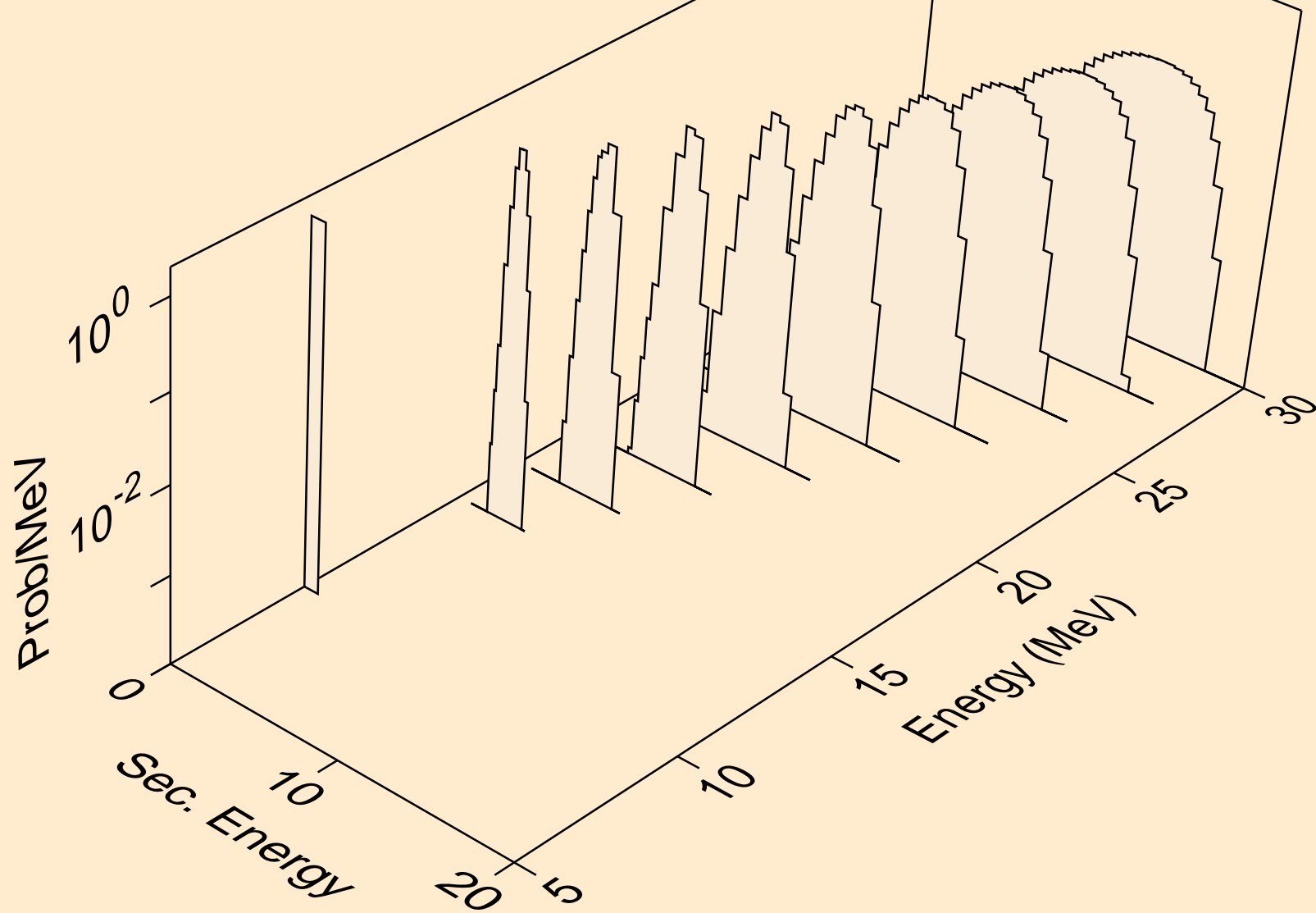
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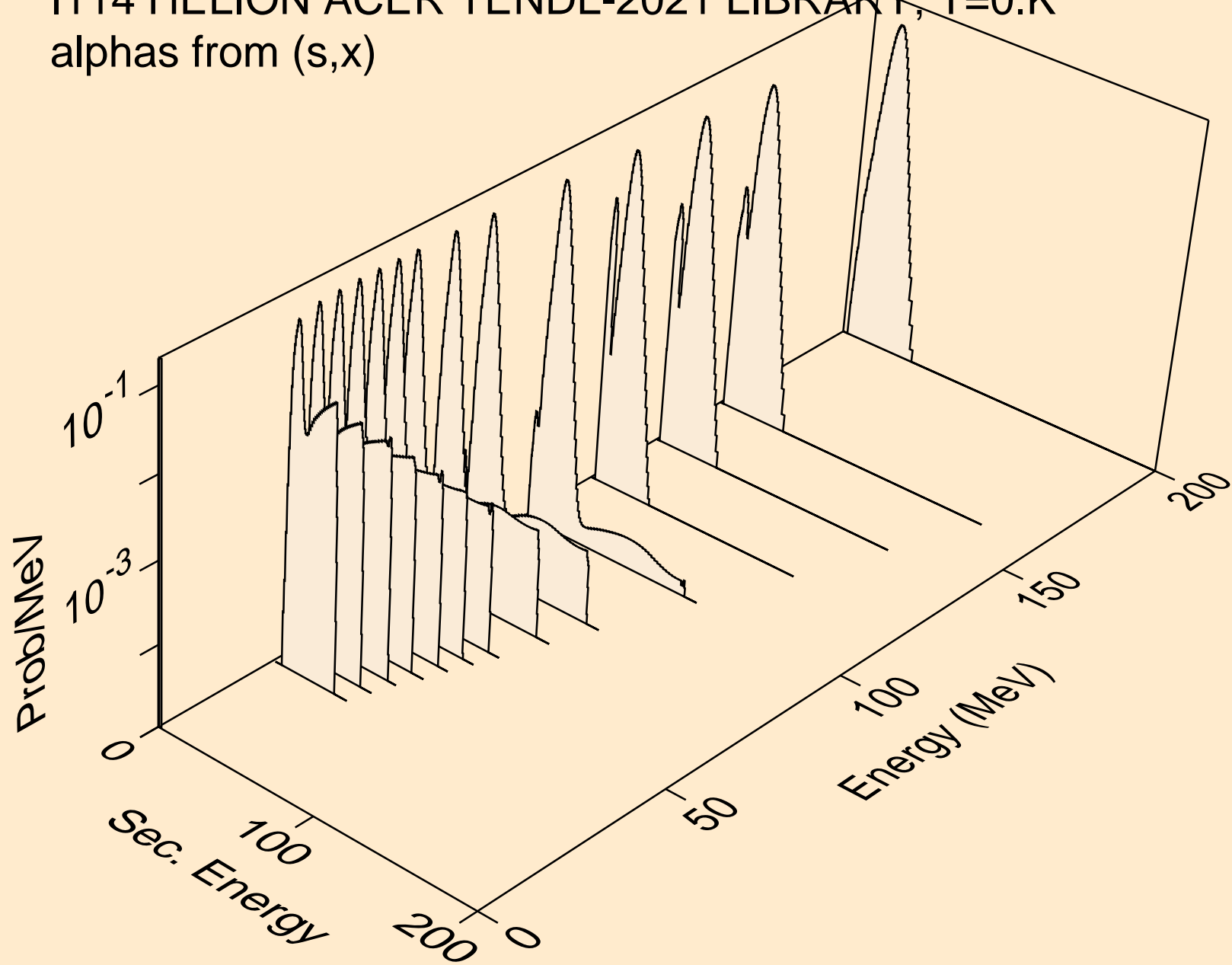
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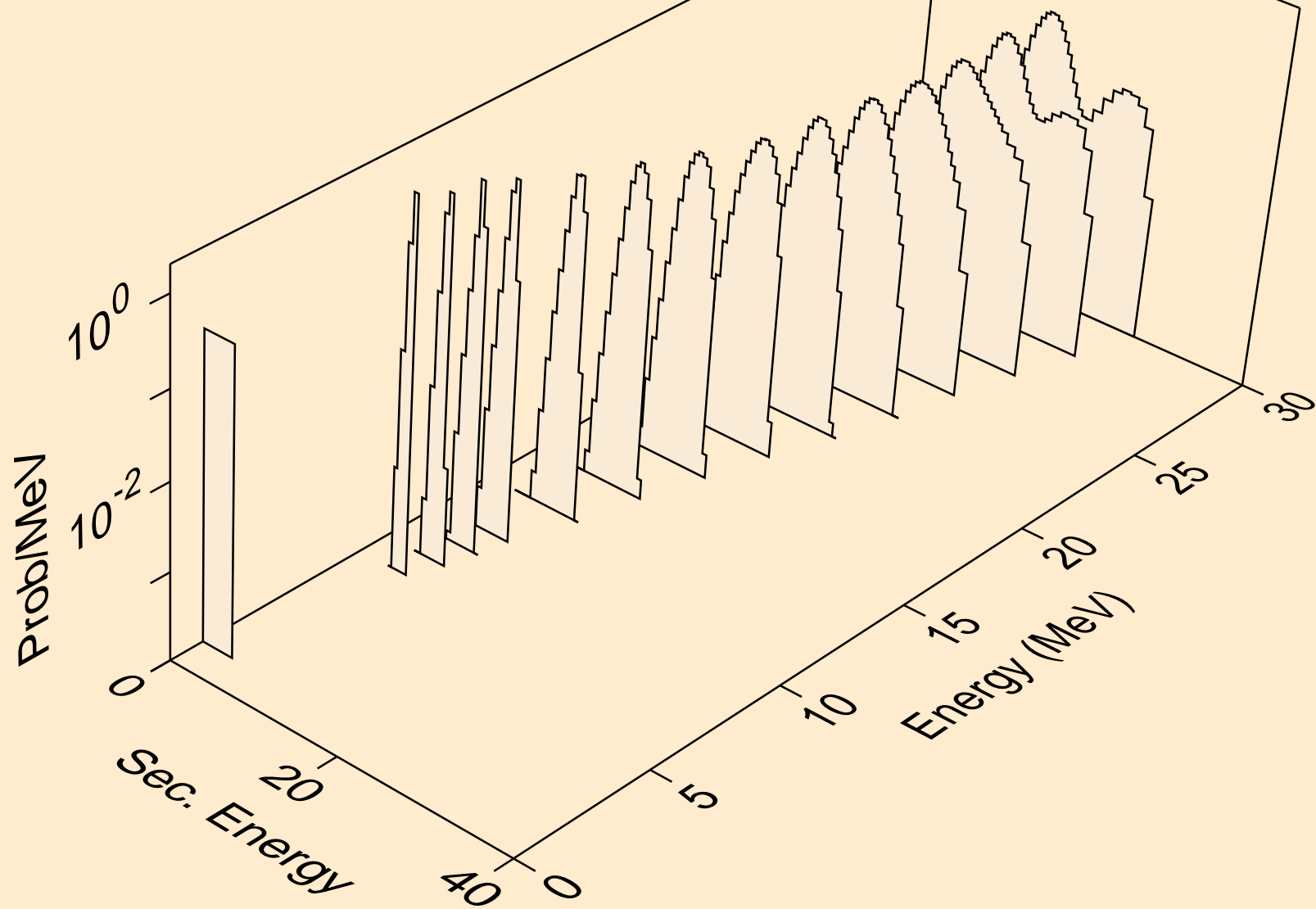
I114 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,pt)



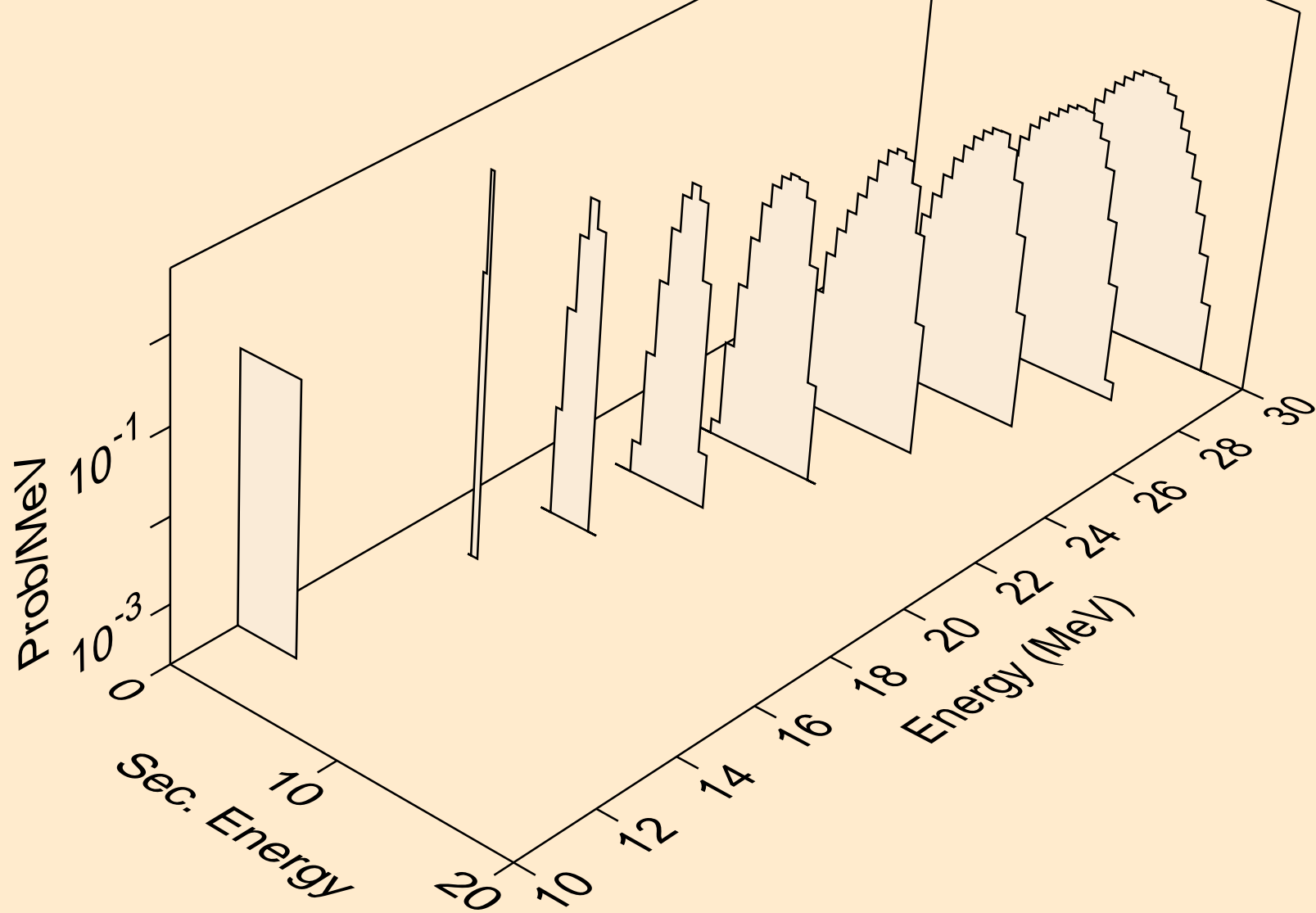
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alphas from (s,x)



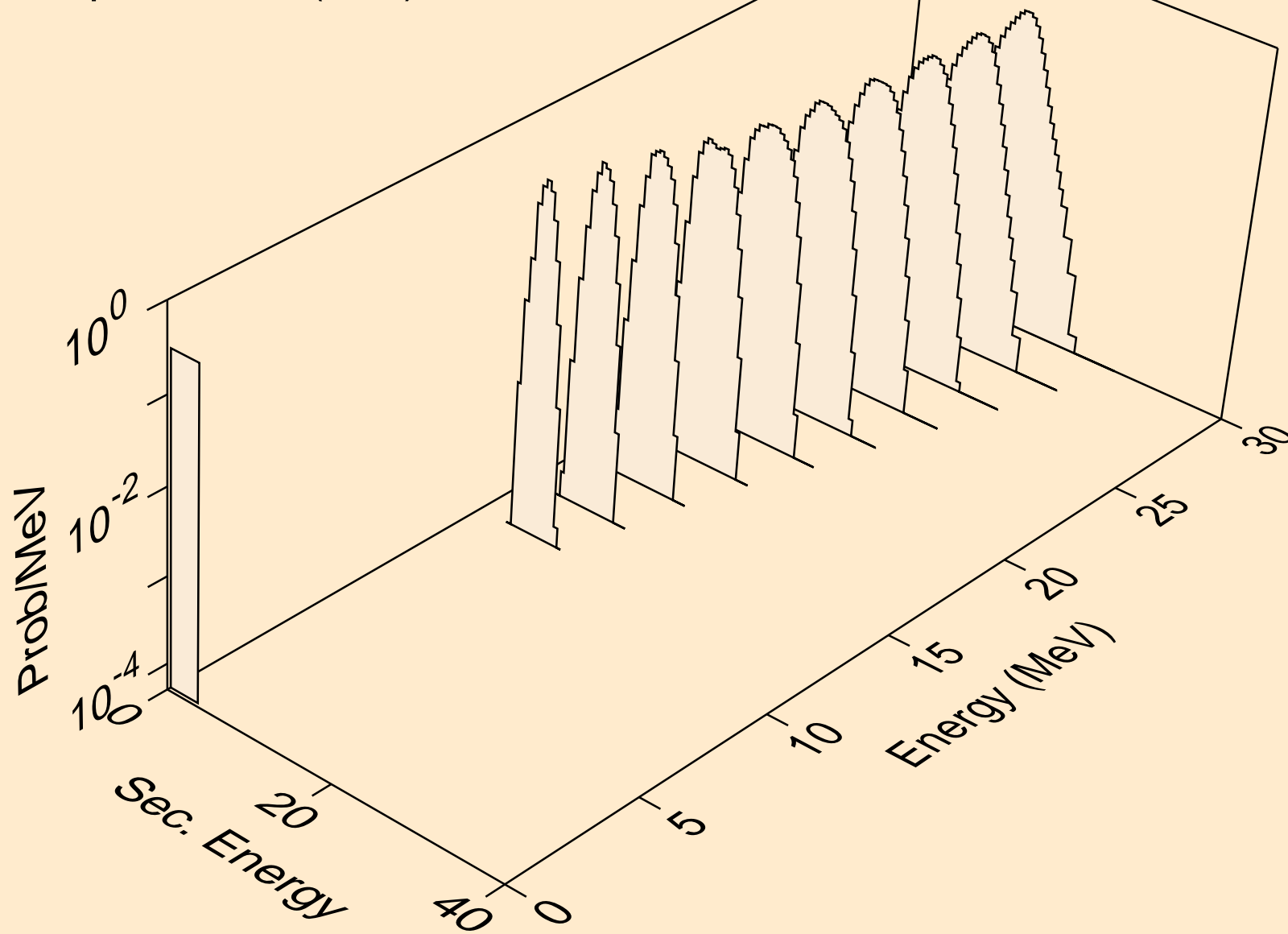
I114 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)a



I114 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2n)a

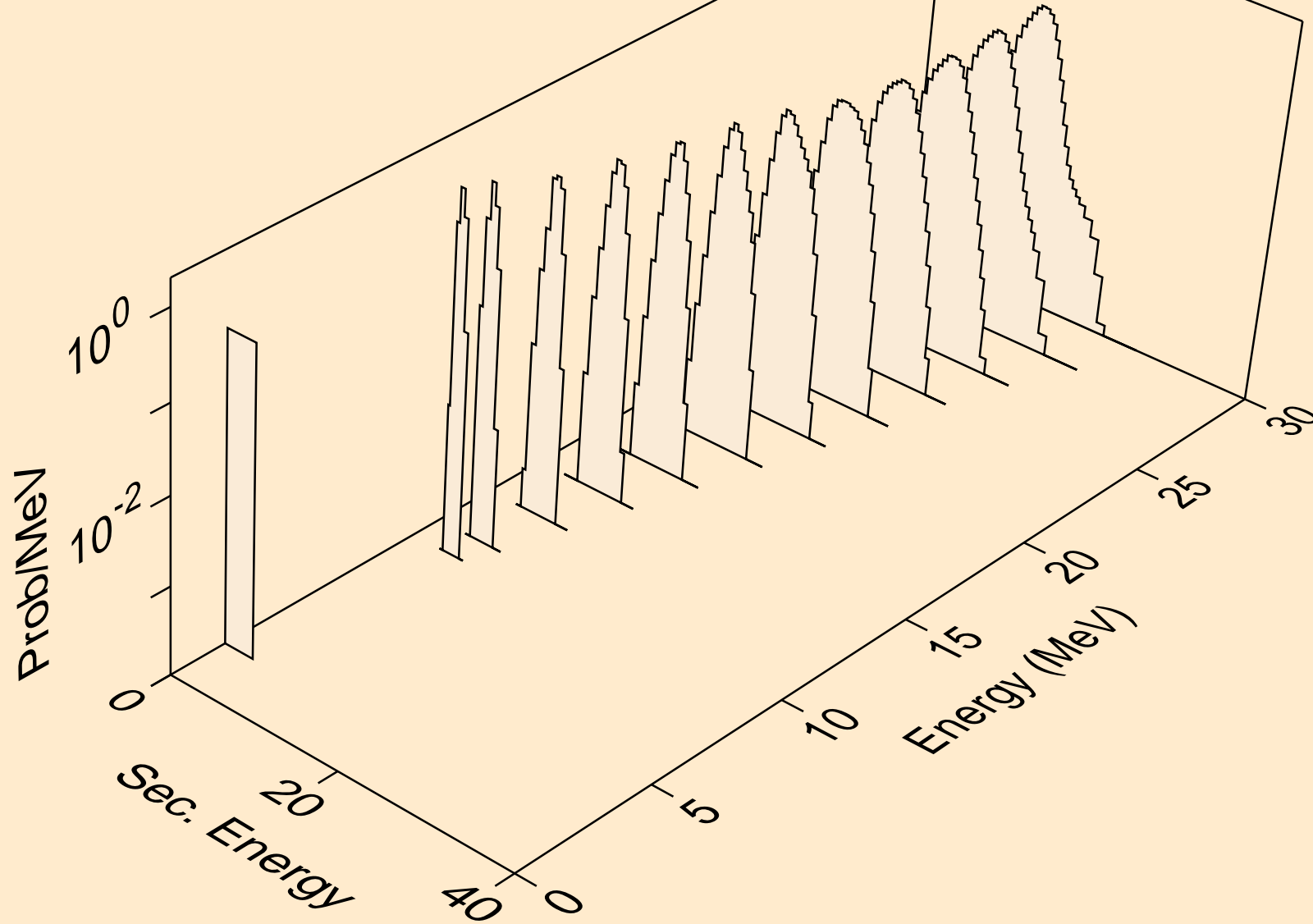


I114 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)2a

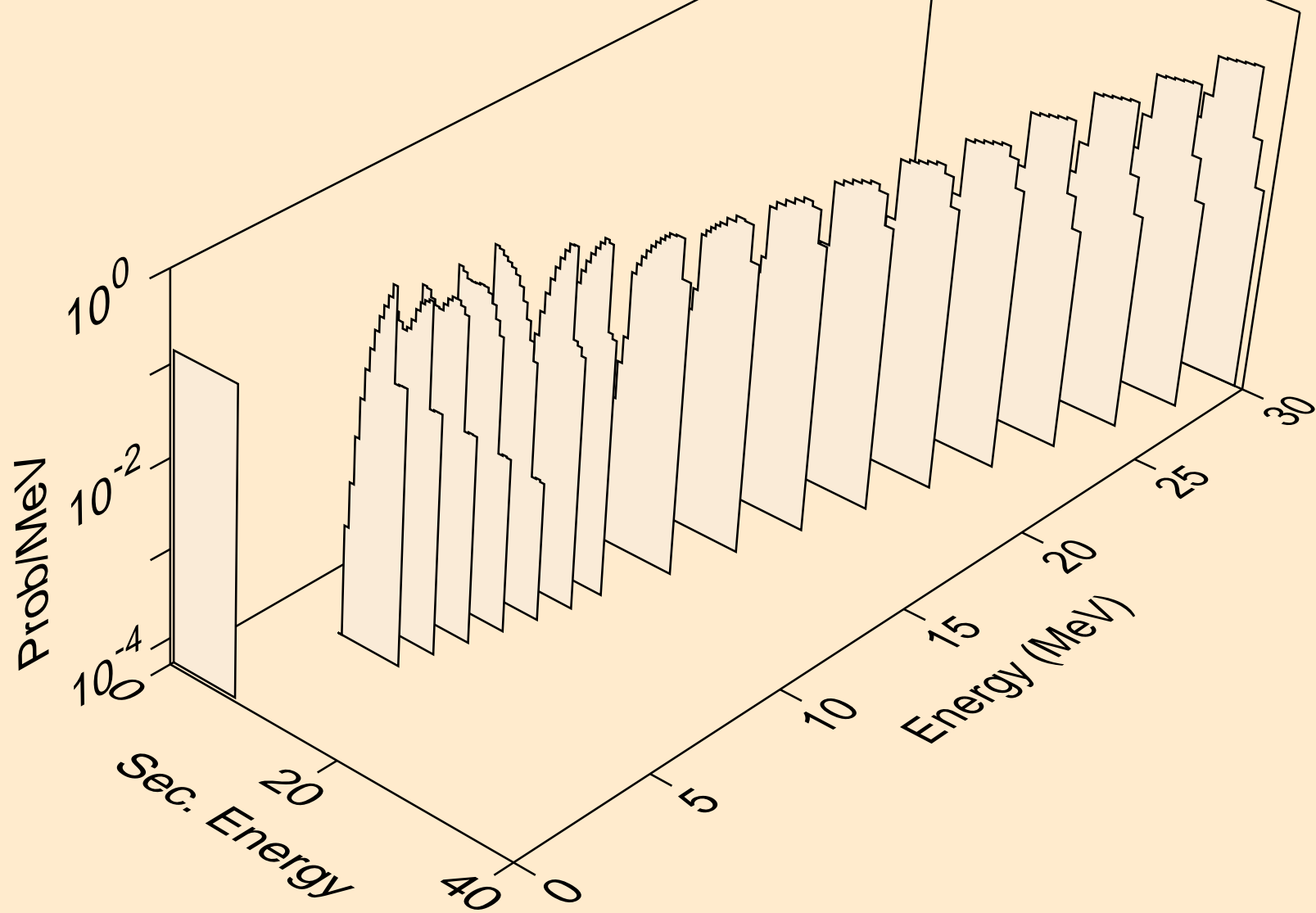




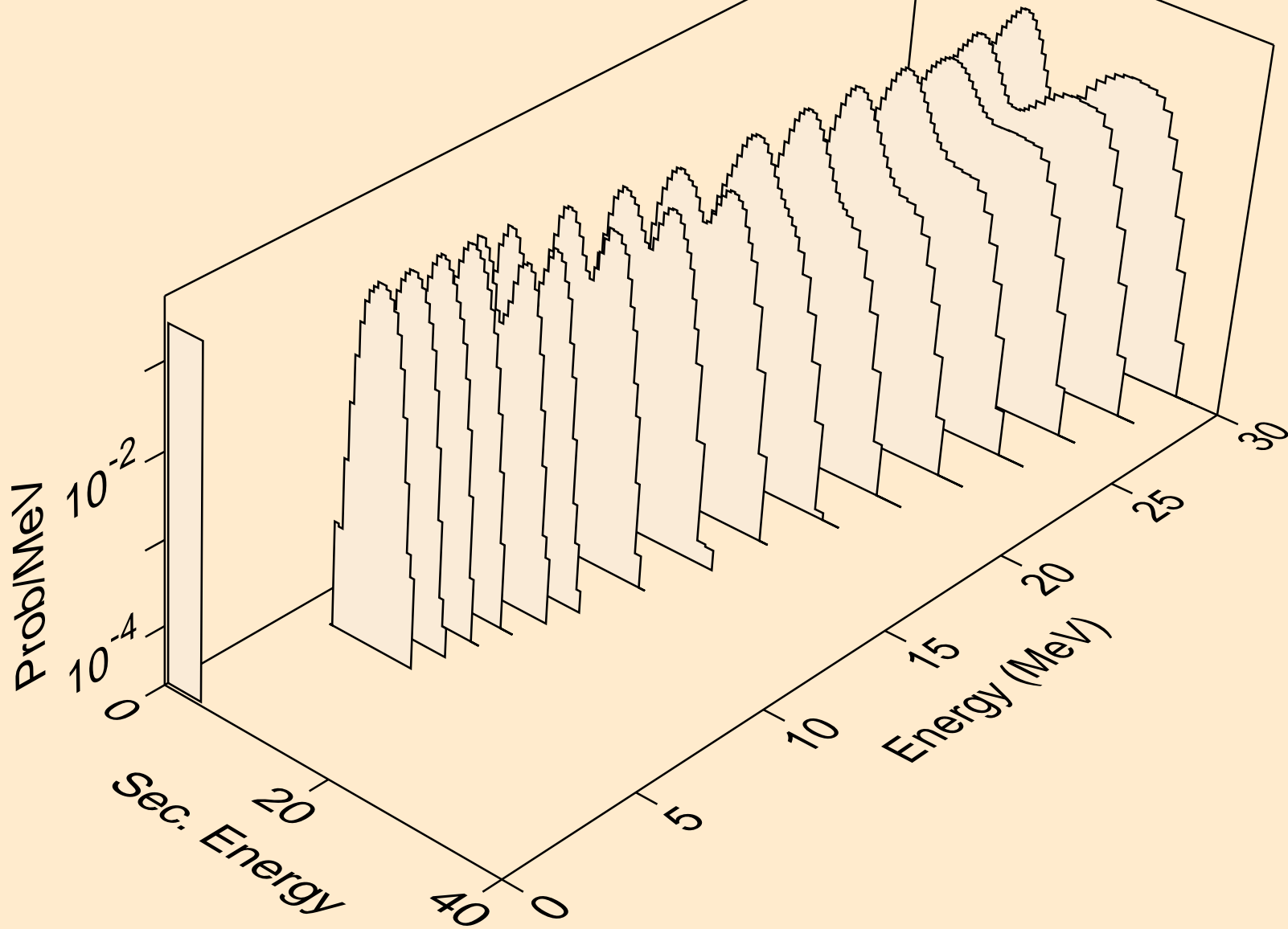
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alphas from (s,npa)



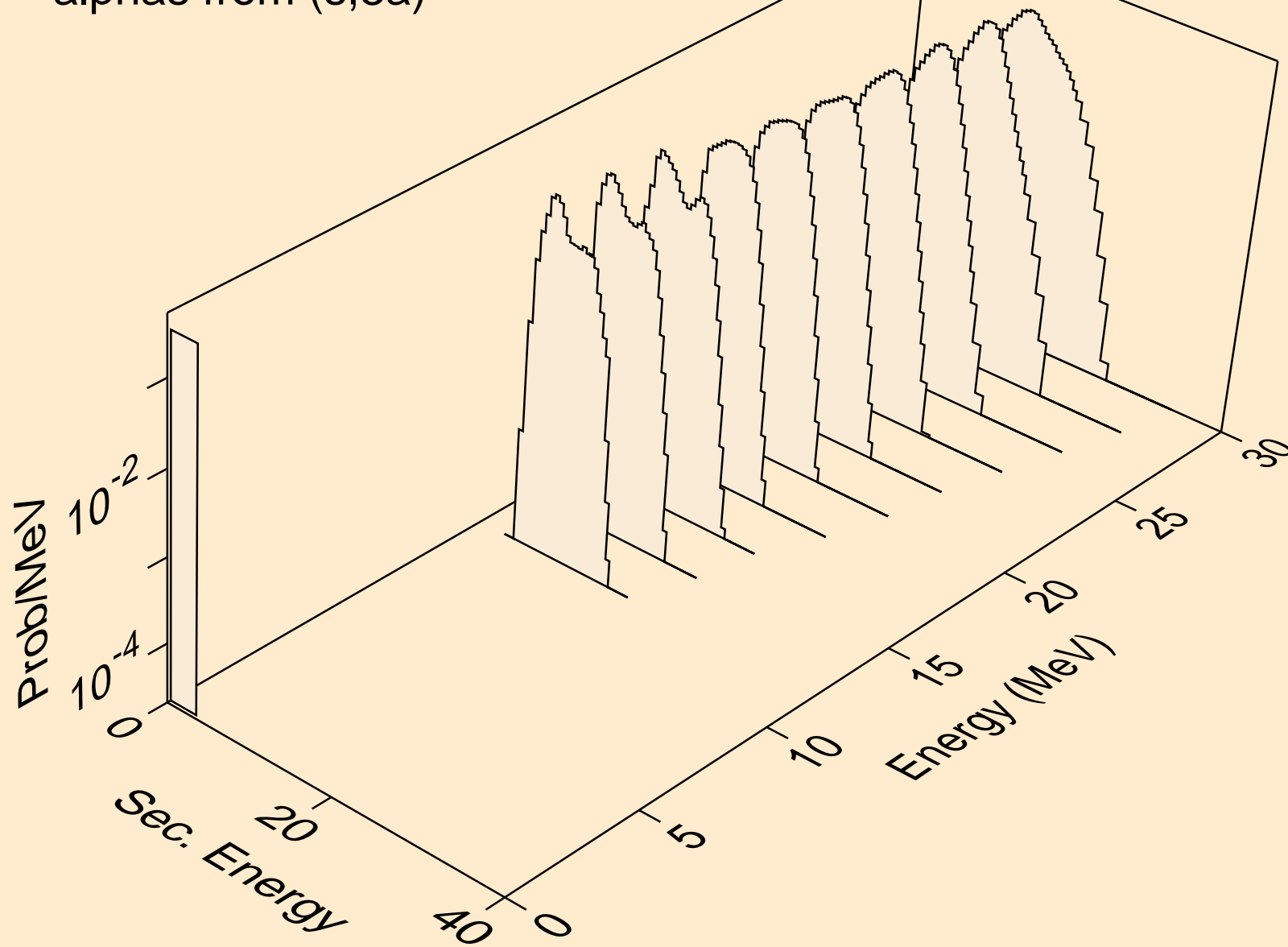
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alphas from (s,a)



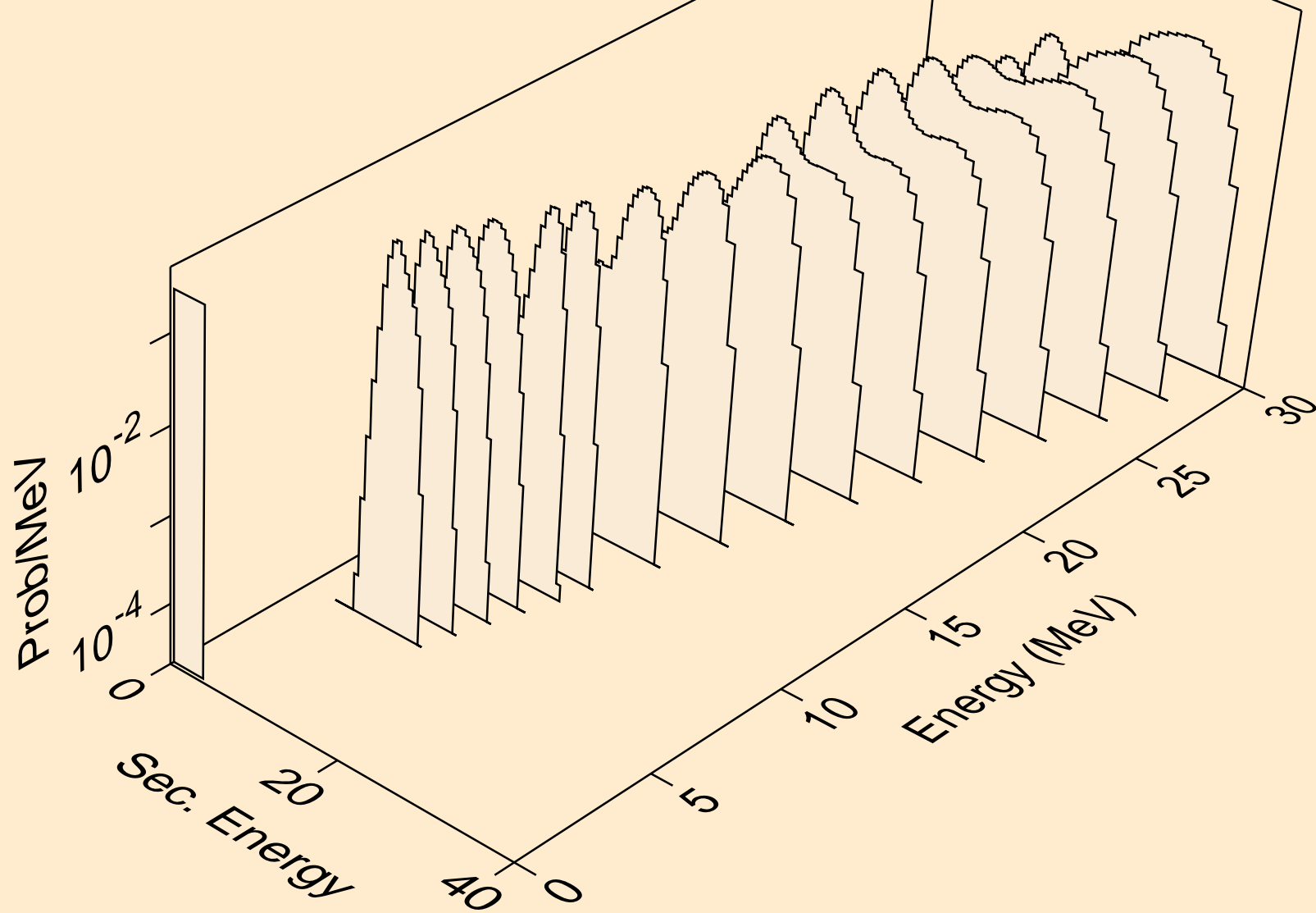
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alphas from (s,2a)



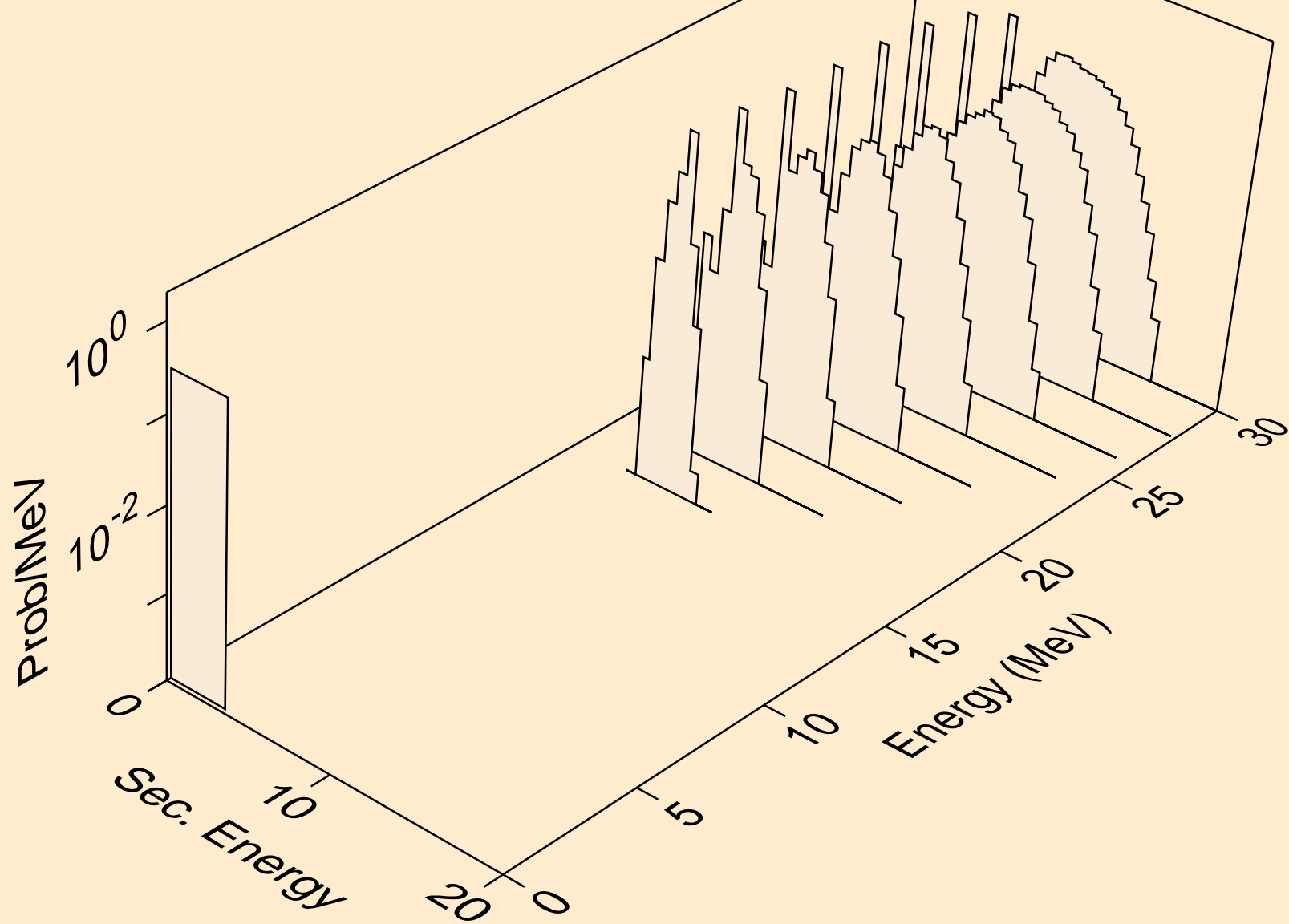
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alphas from (s,3a)



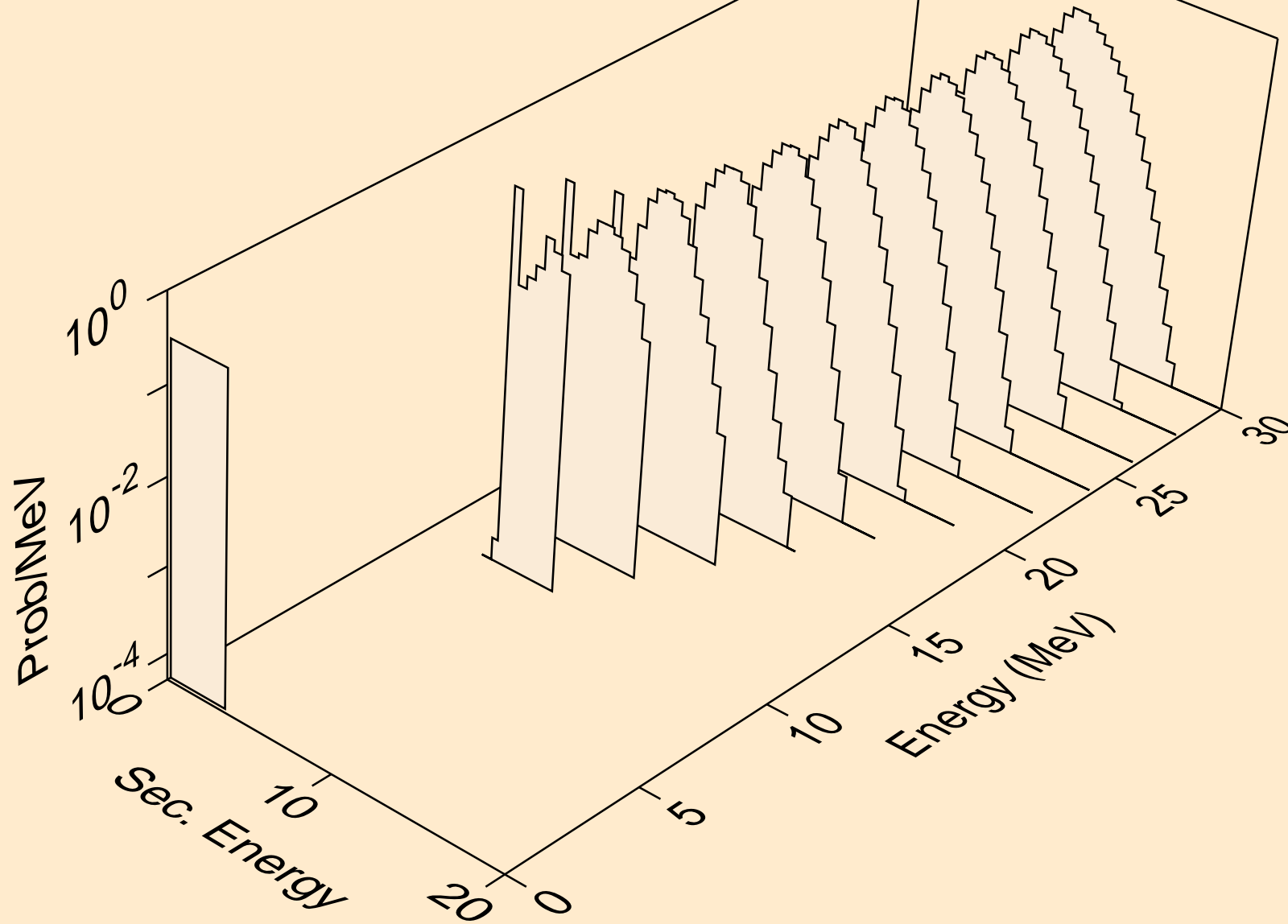
I114 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,pa)



I114 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,t2a)



I114 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,d2a)



I114 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,da)

