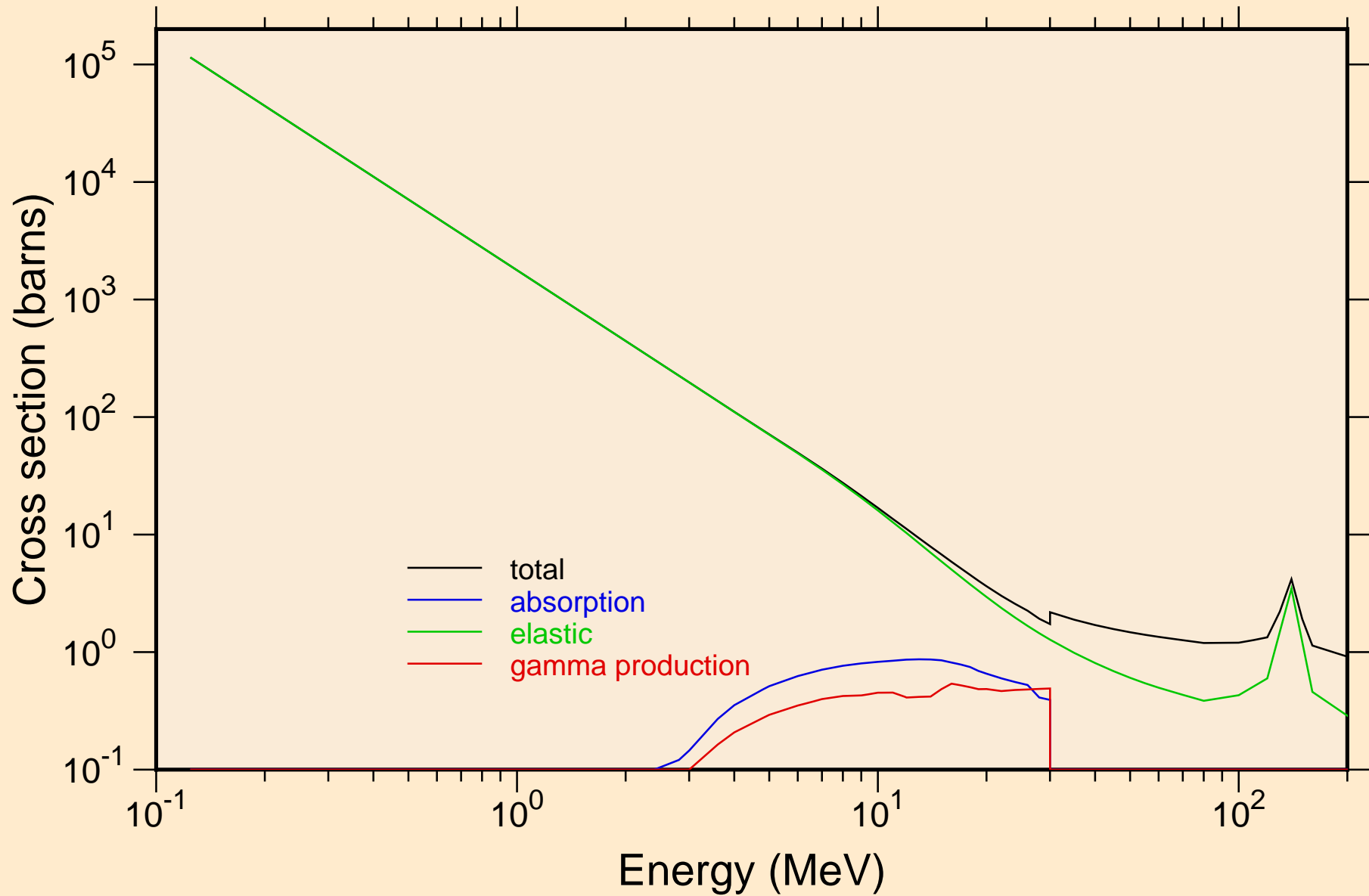
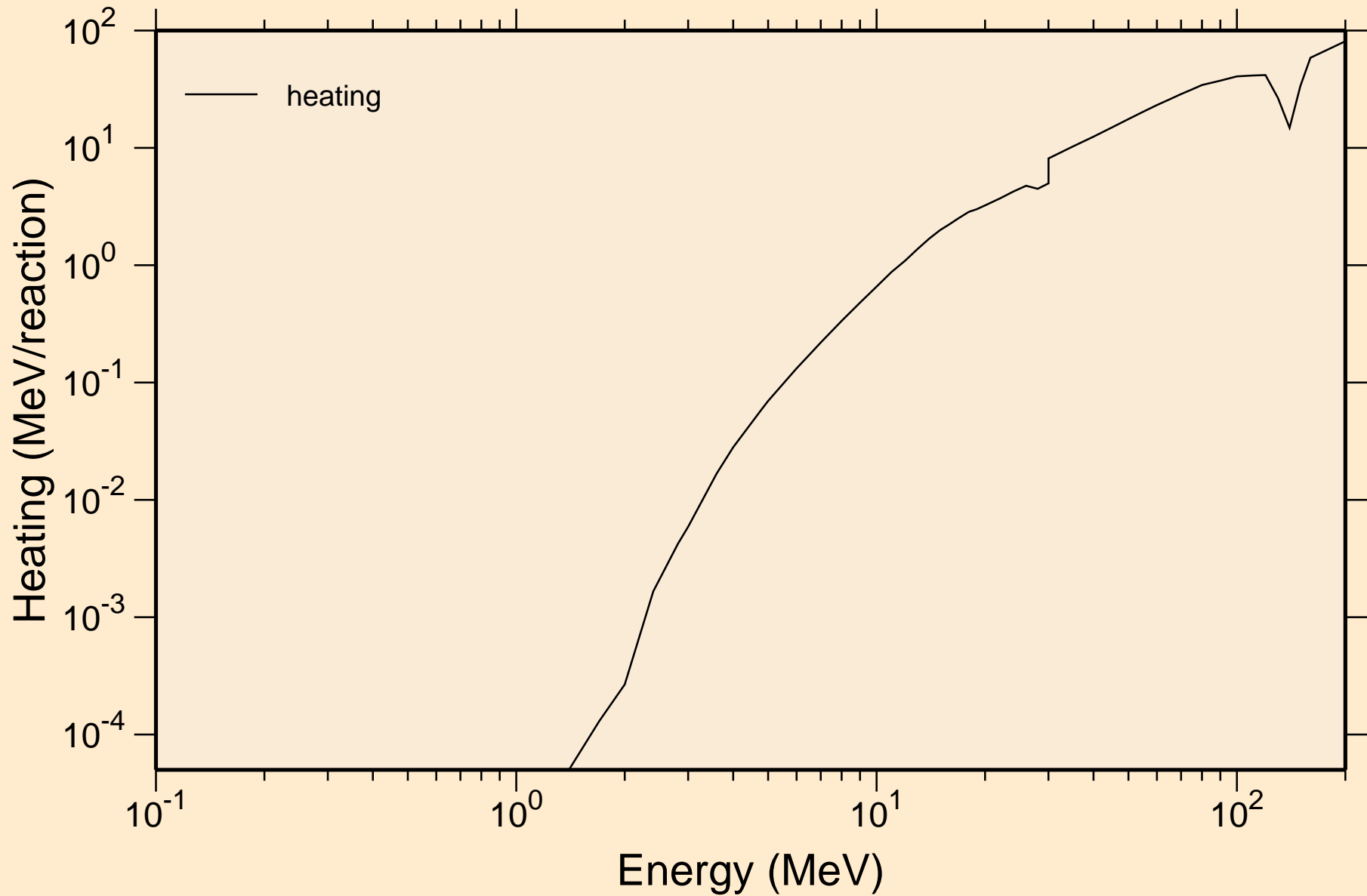


N014 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections



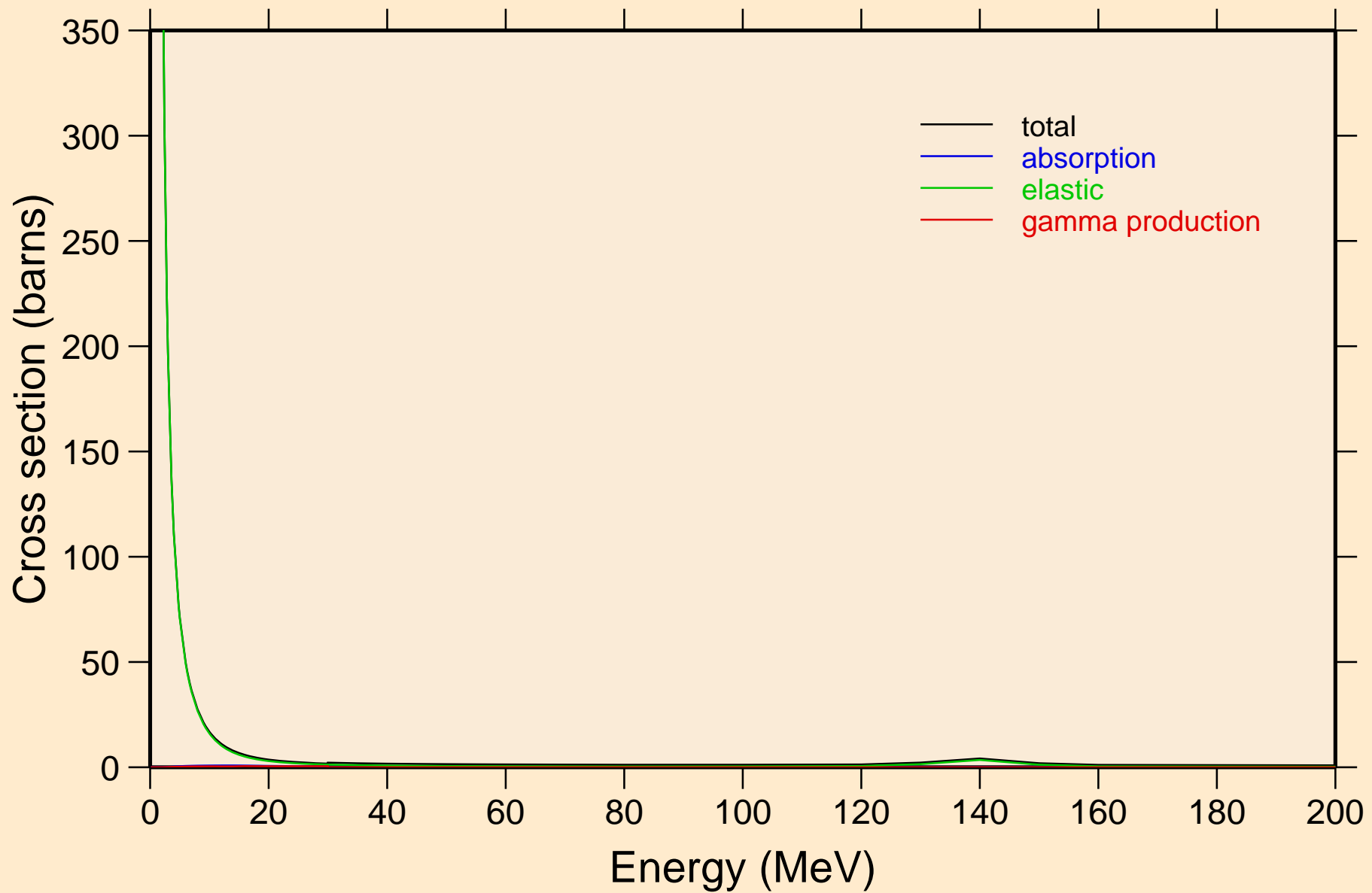
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## Heating

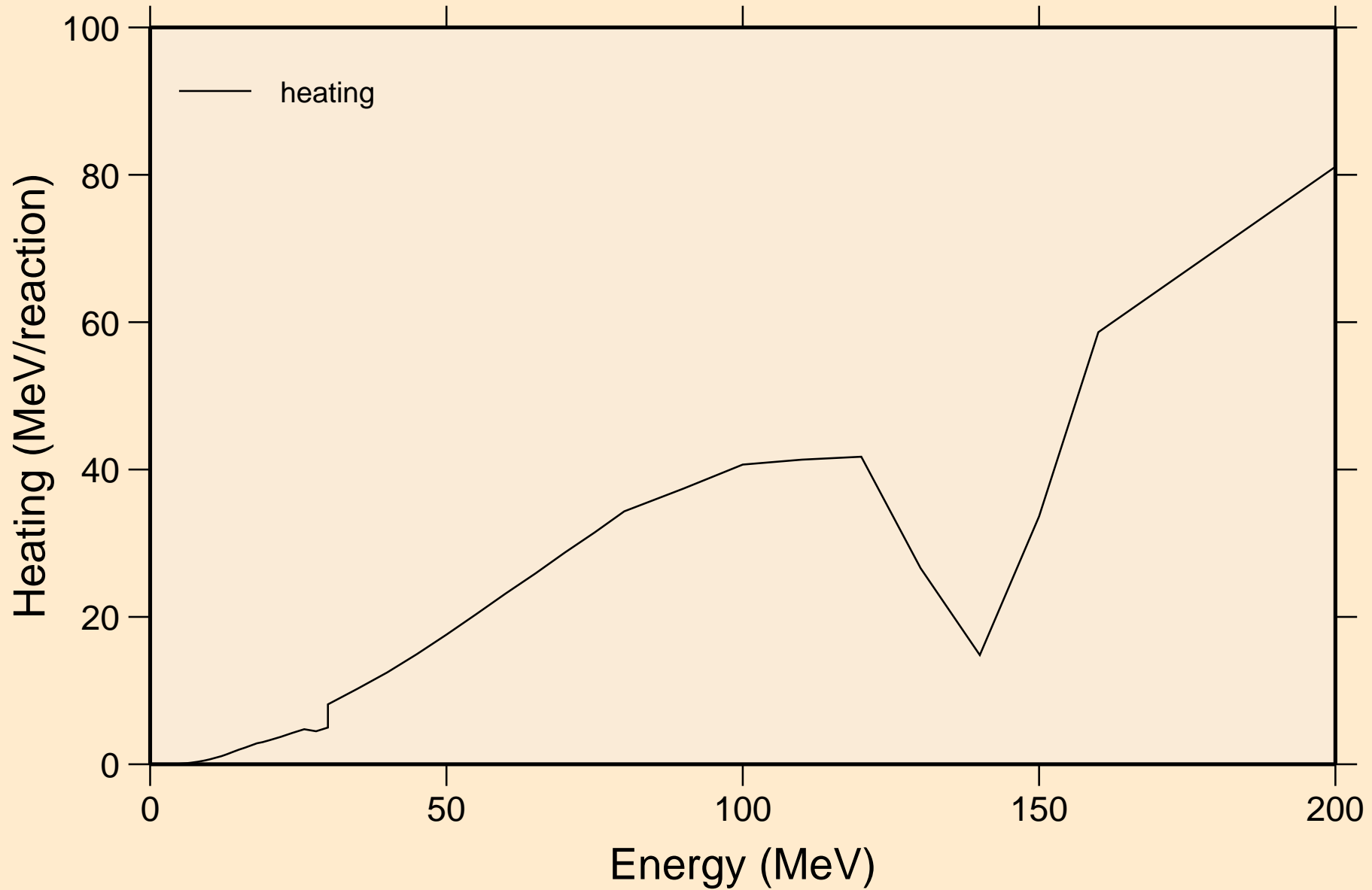


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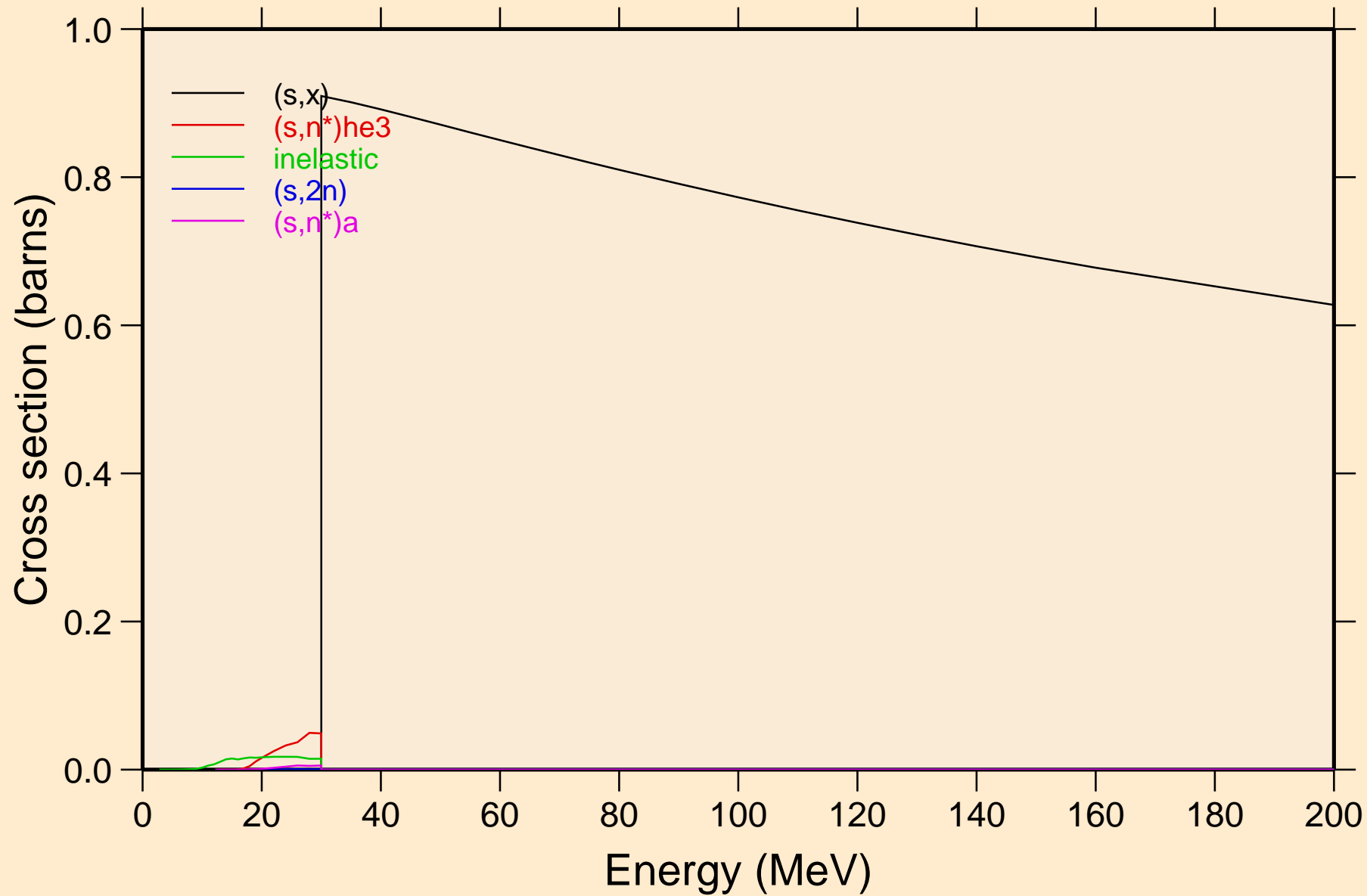
## Principal cross sections



N014 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Heating

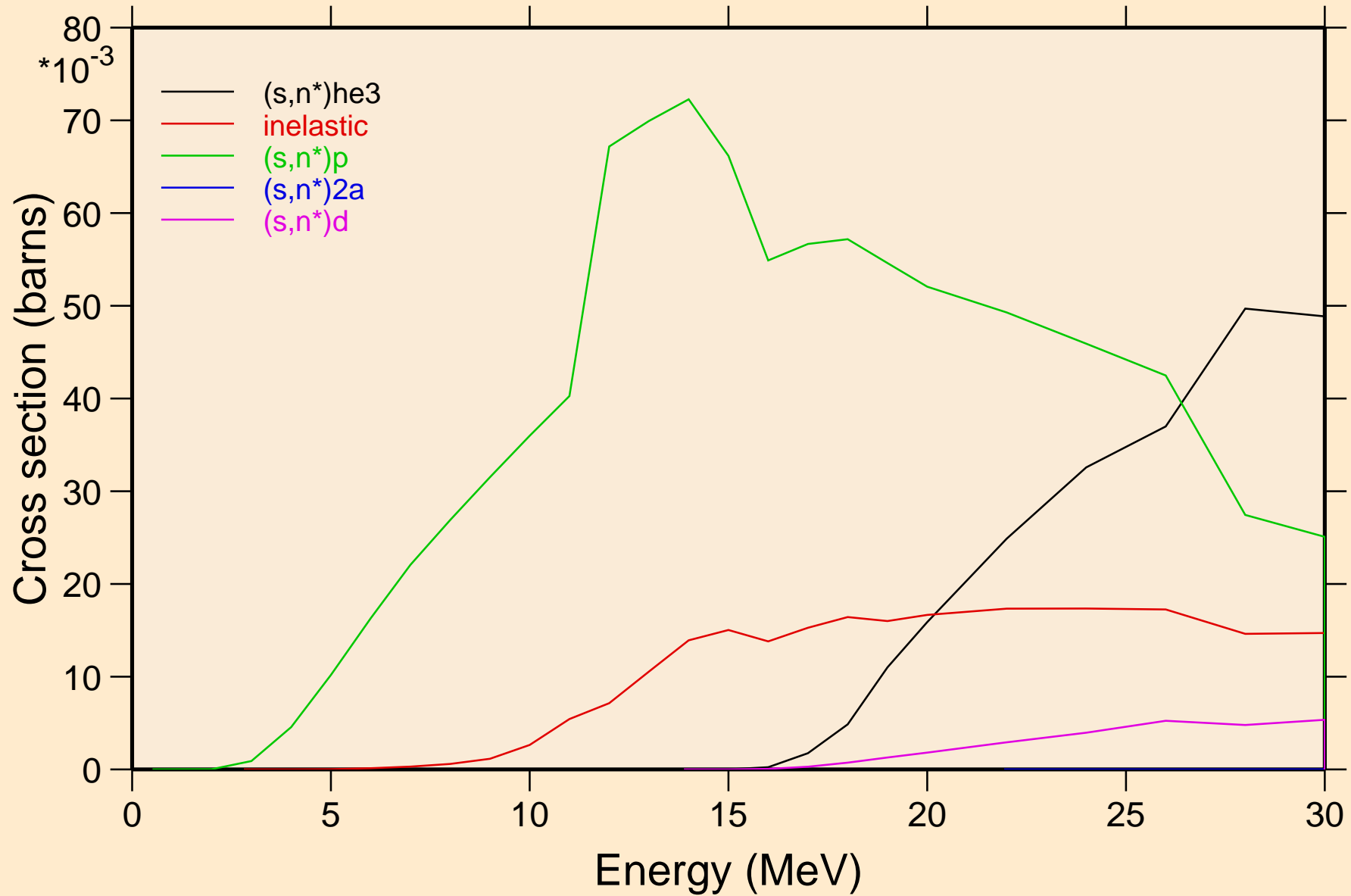


N014 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

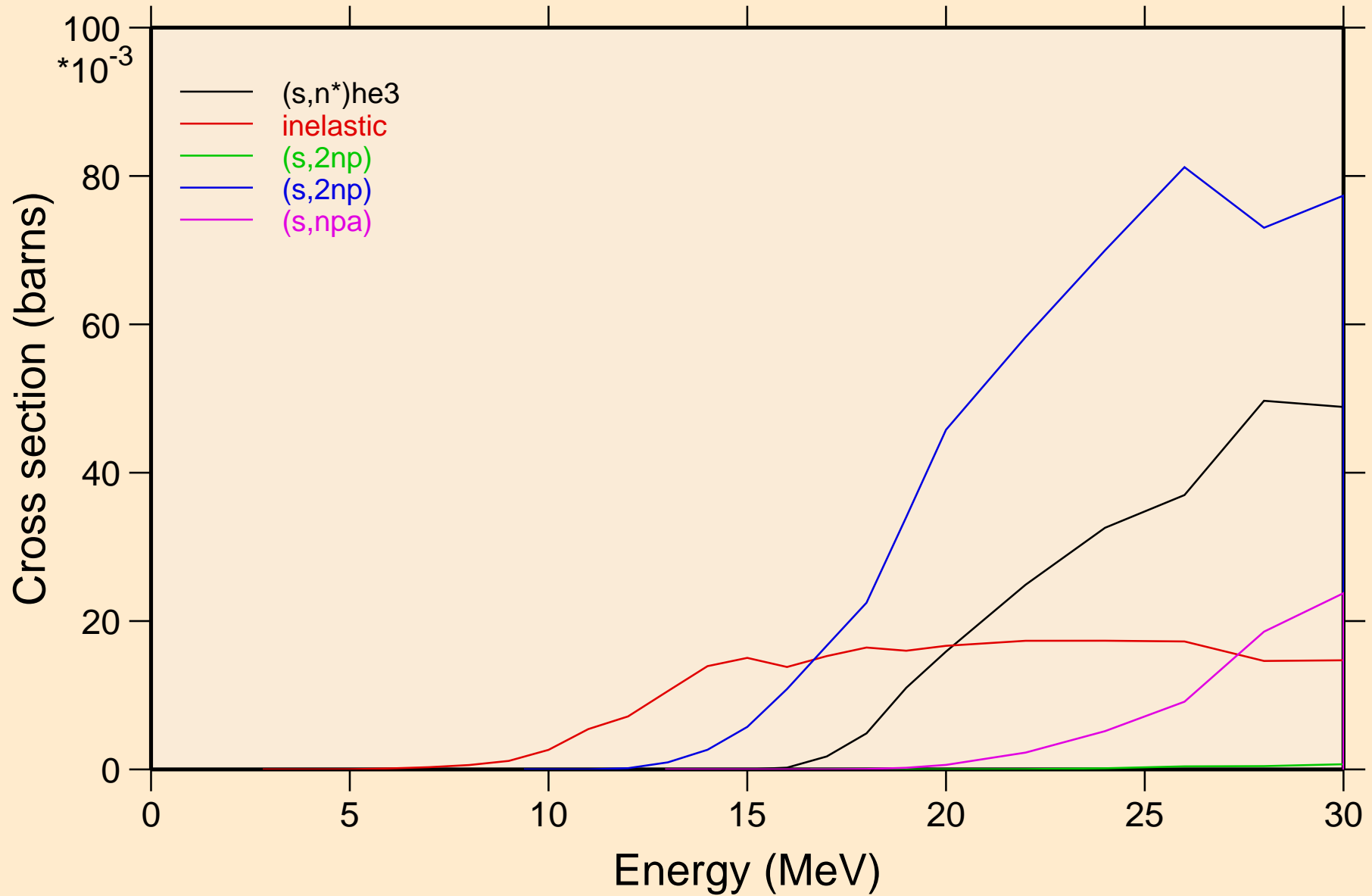


# N014 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions

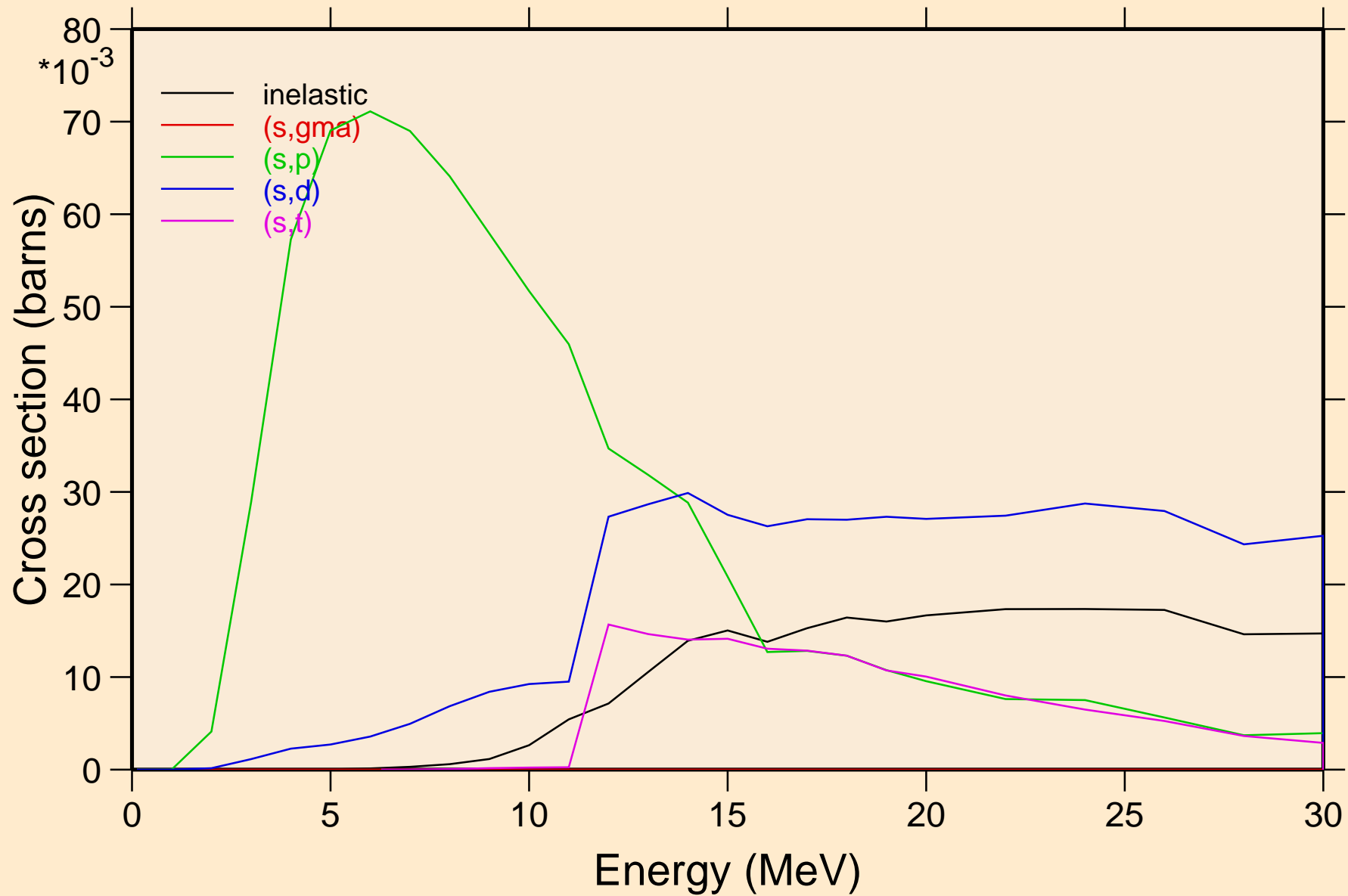


N014 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



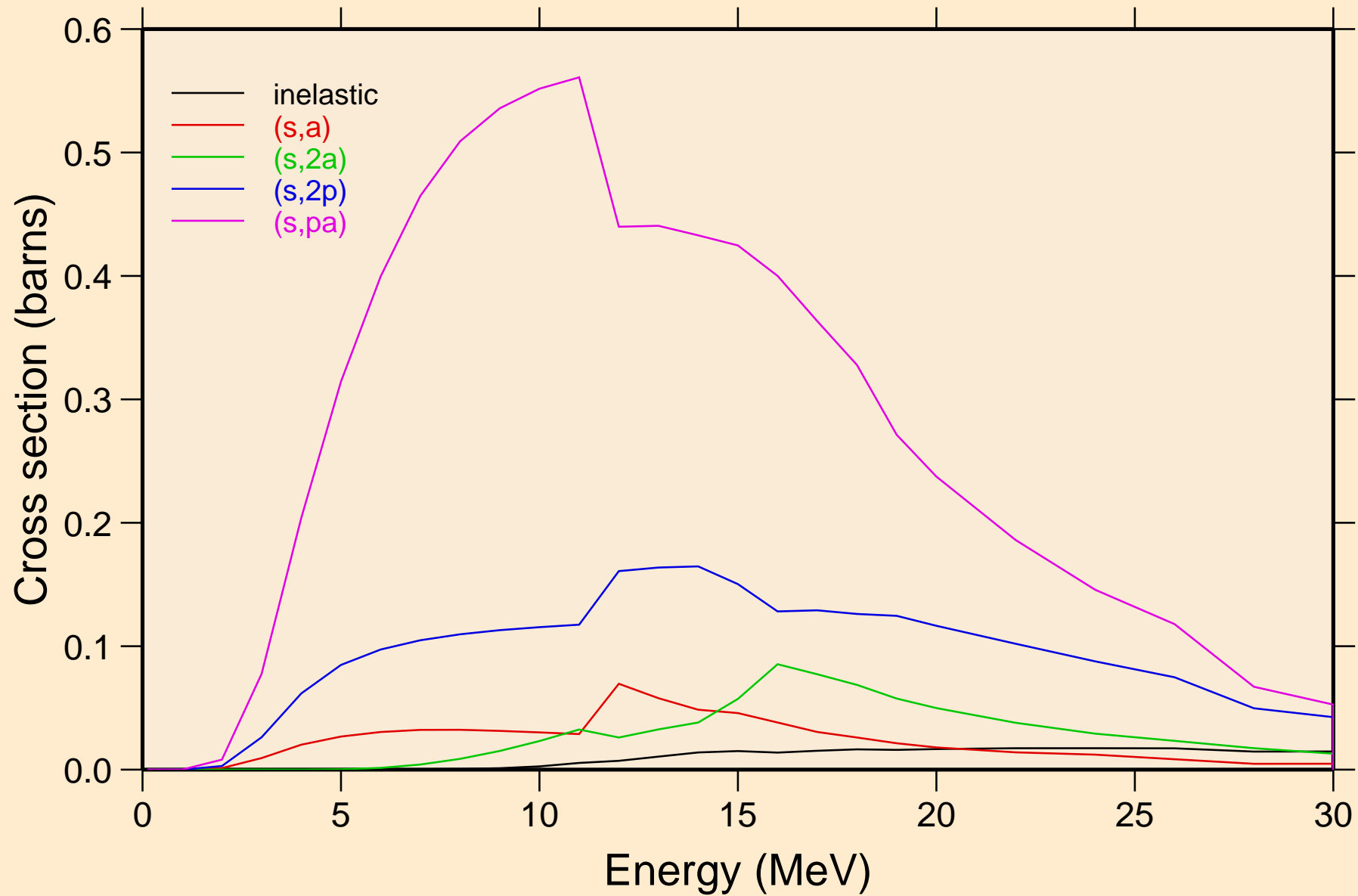
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## Threshold reactions

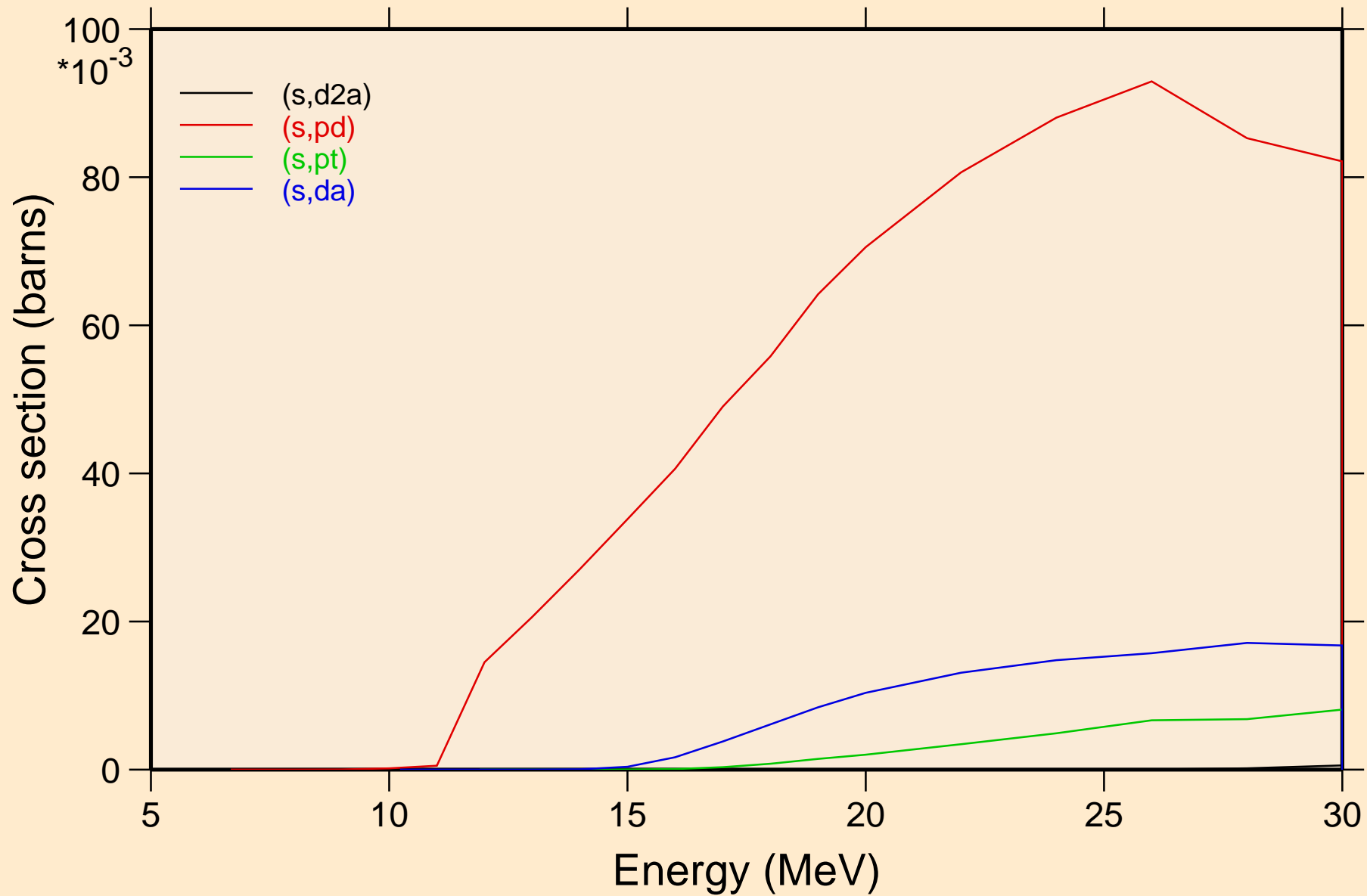




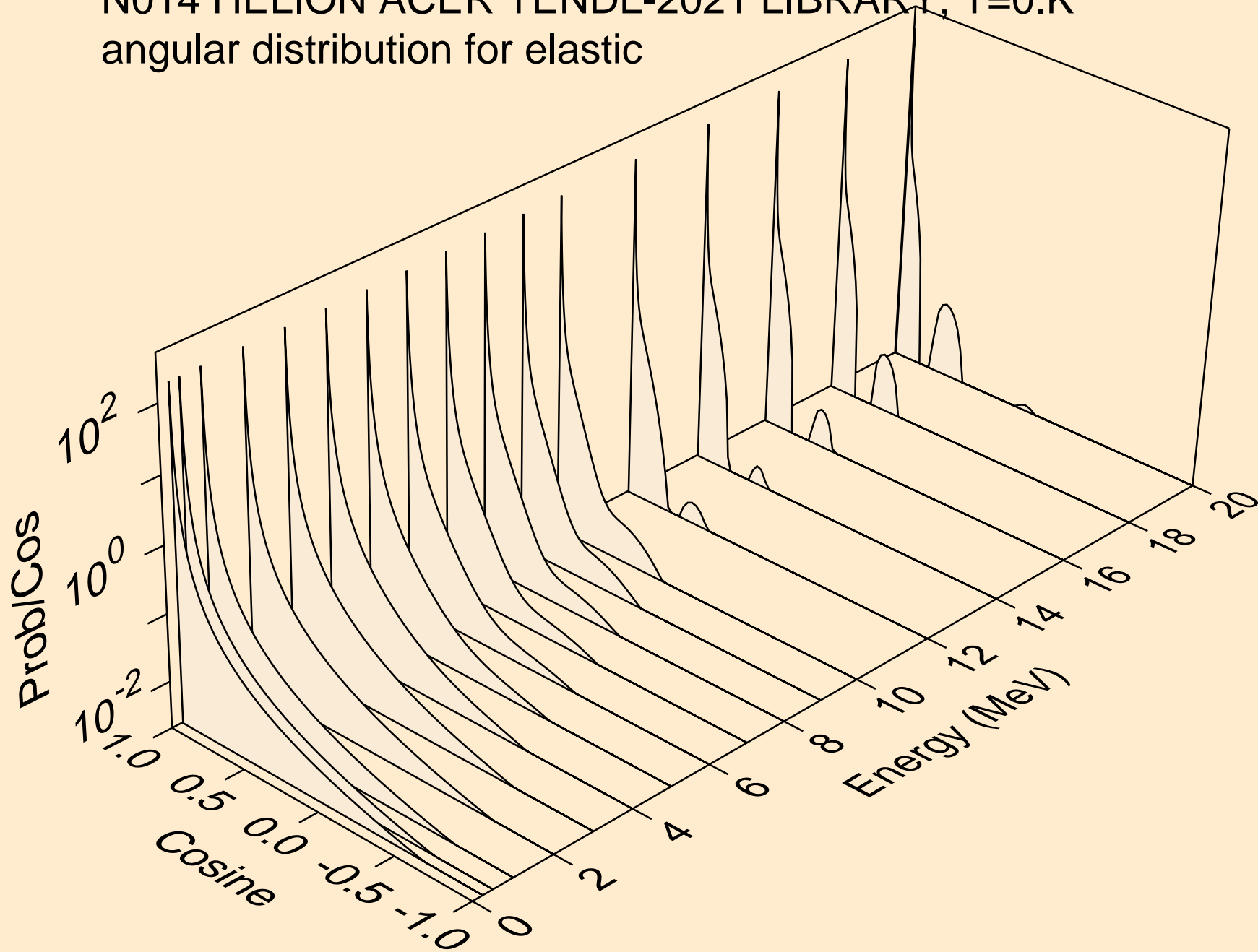
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Threshold reactions



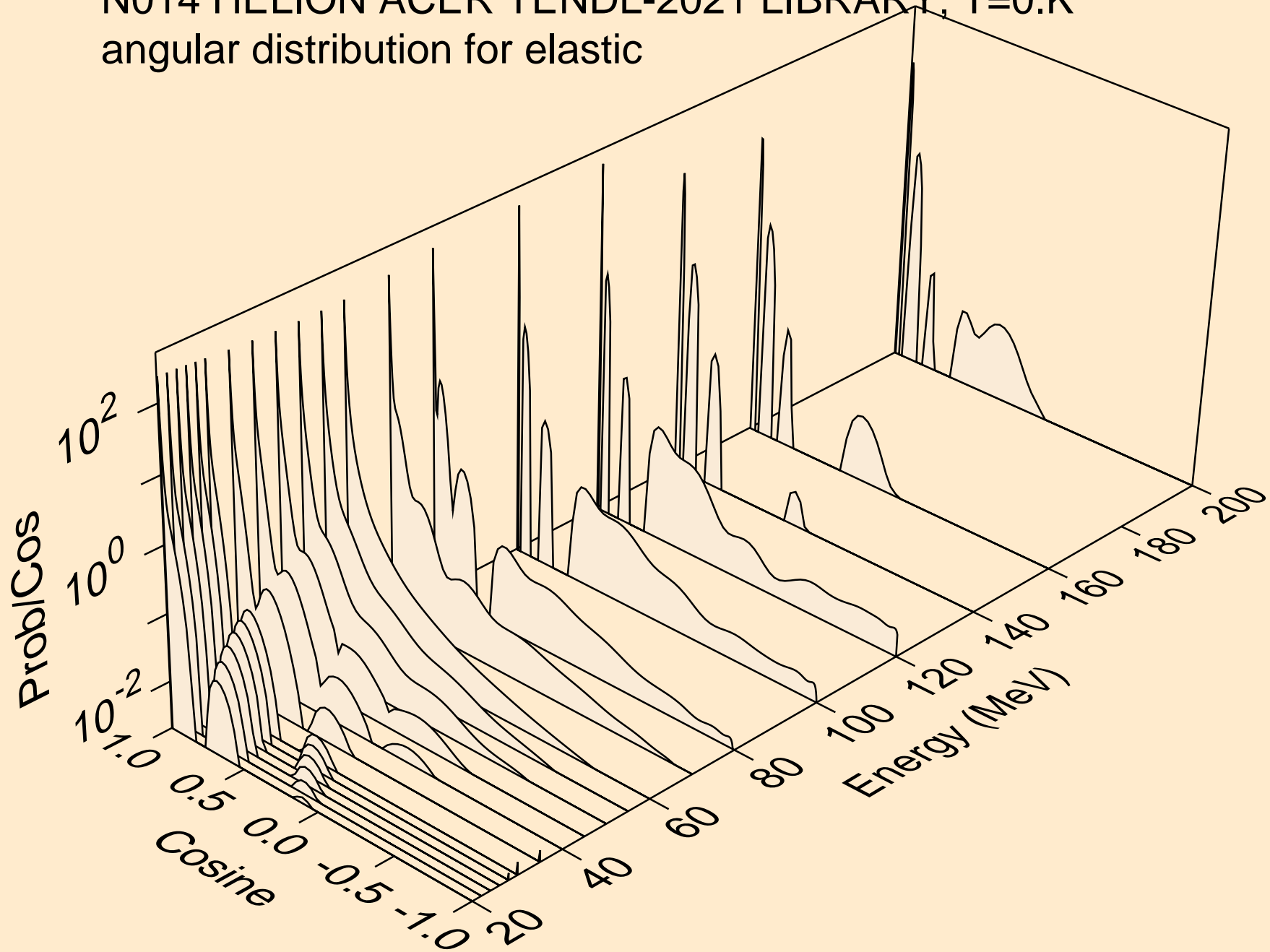
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Threshold reactions



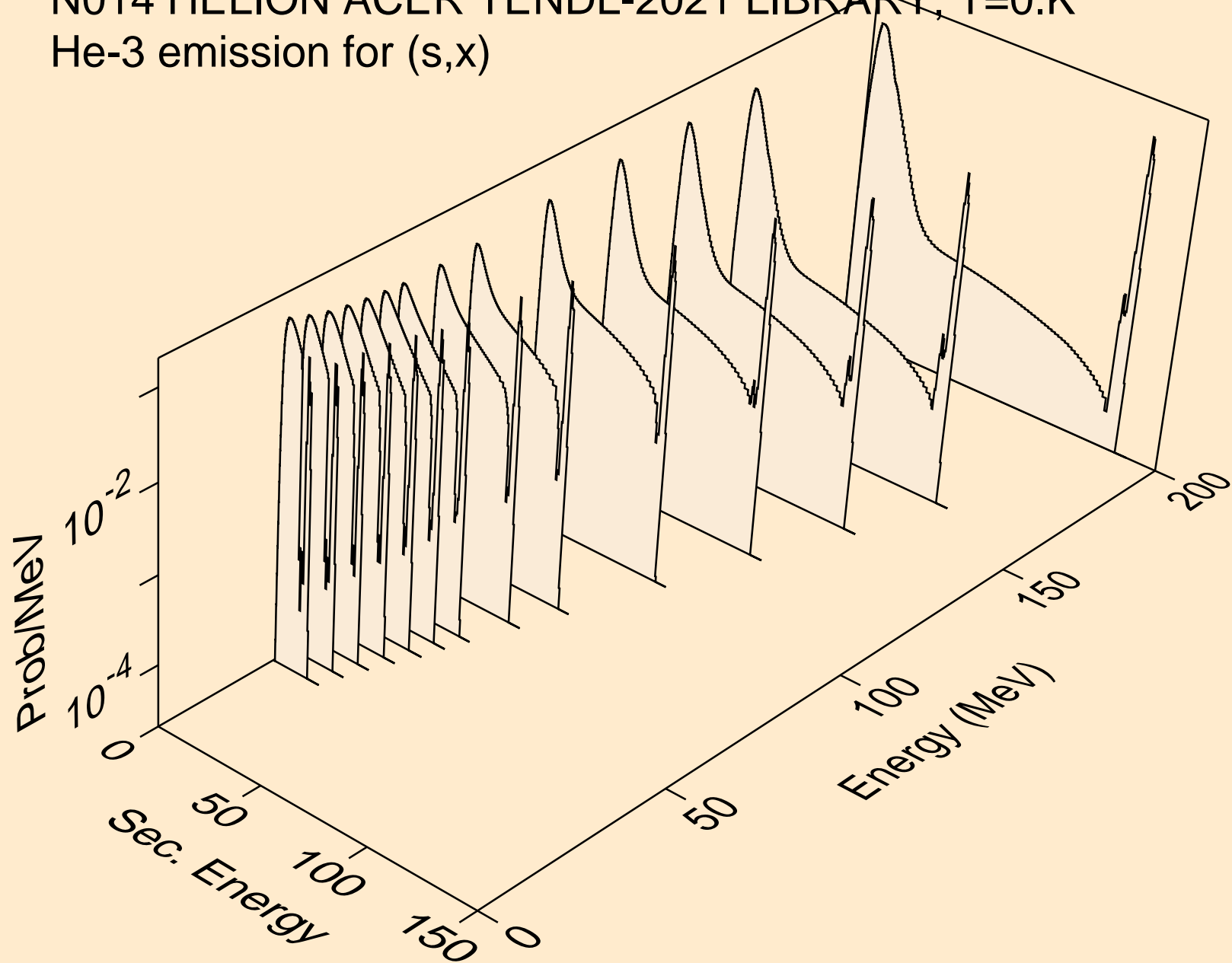
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angular distribution for elastic



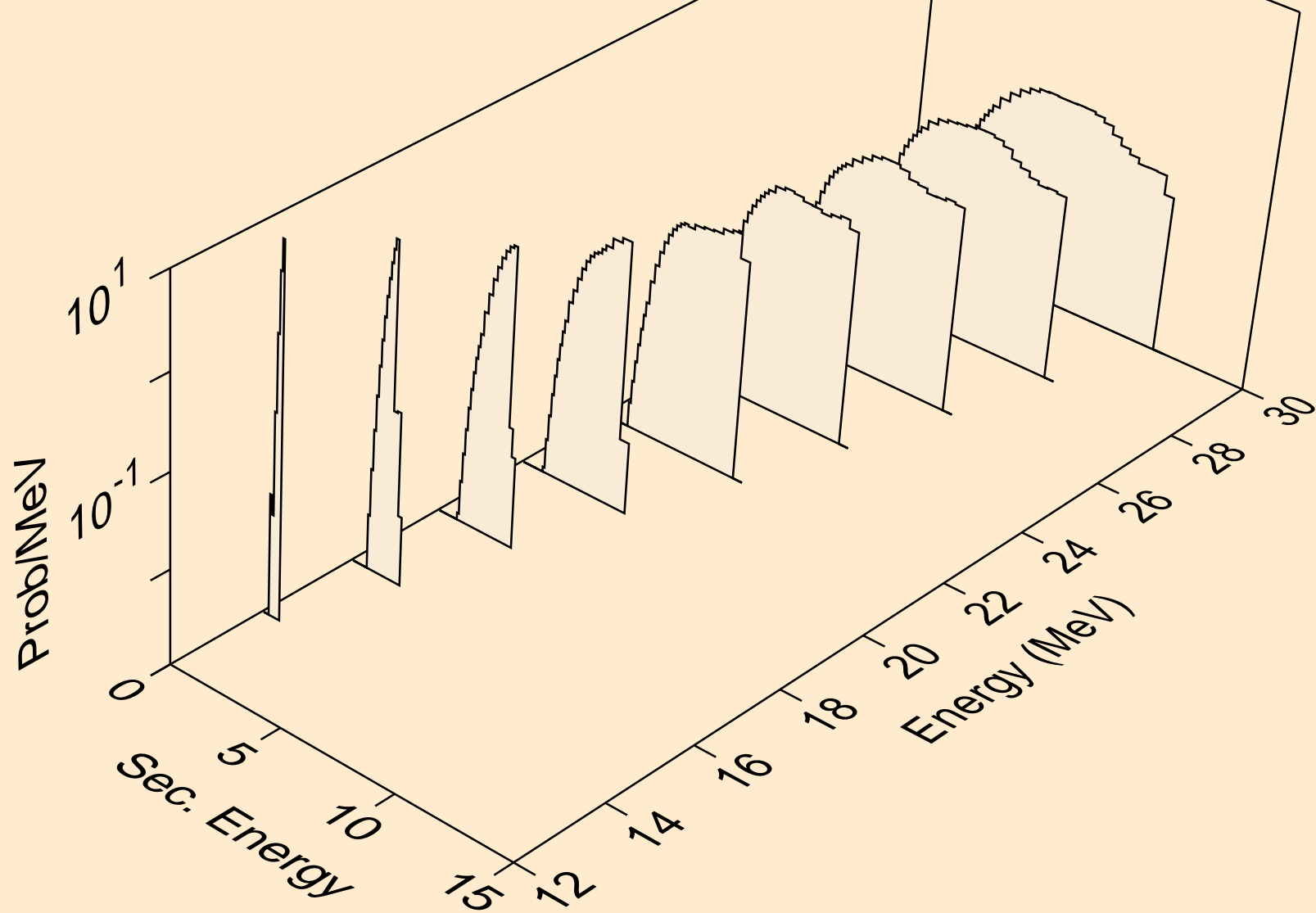
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angular distribution for elastic



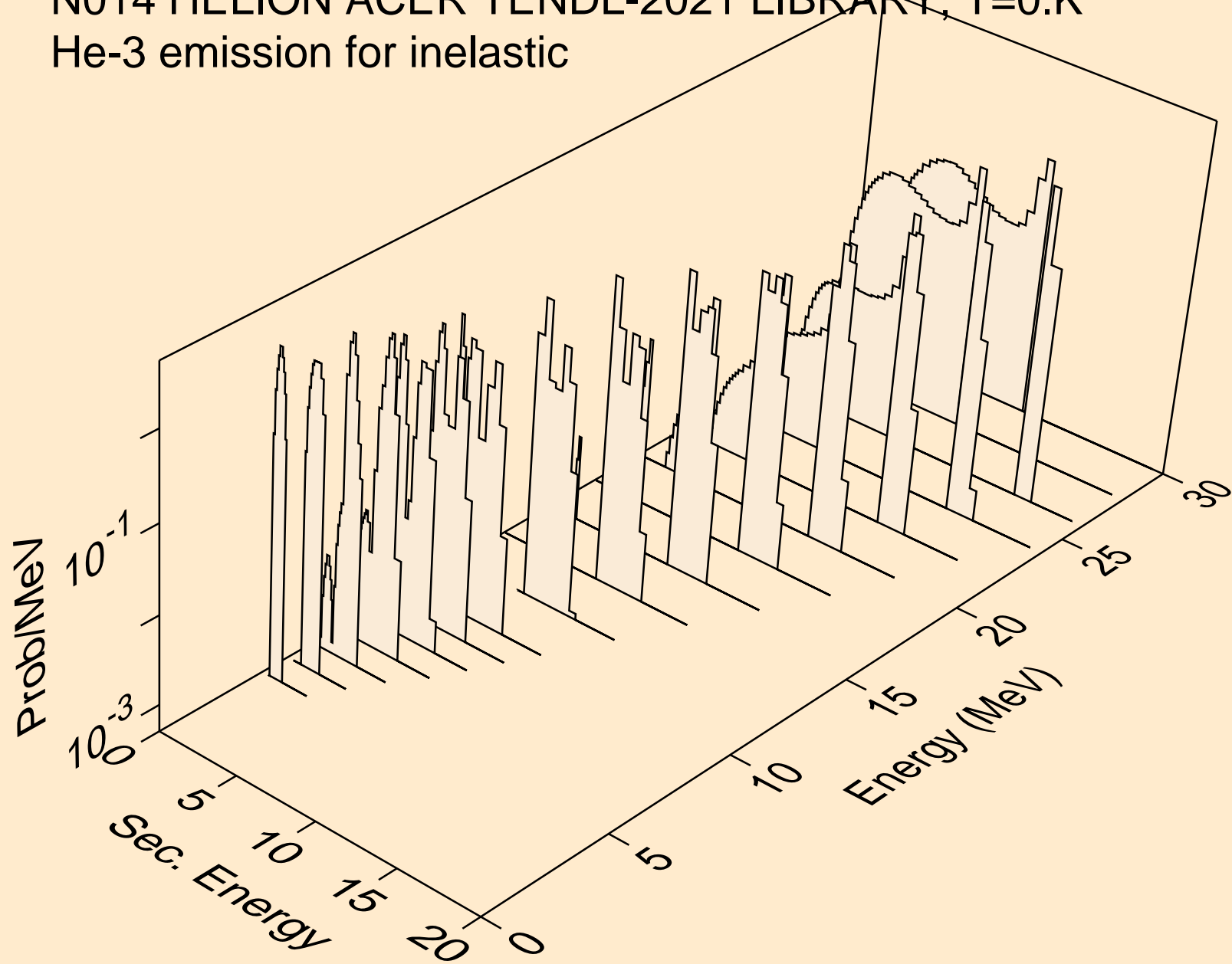
N014 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,x)



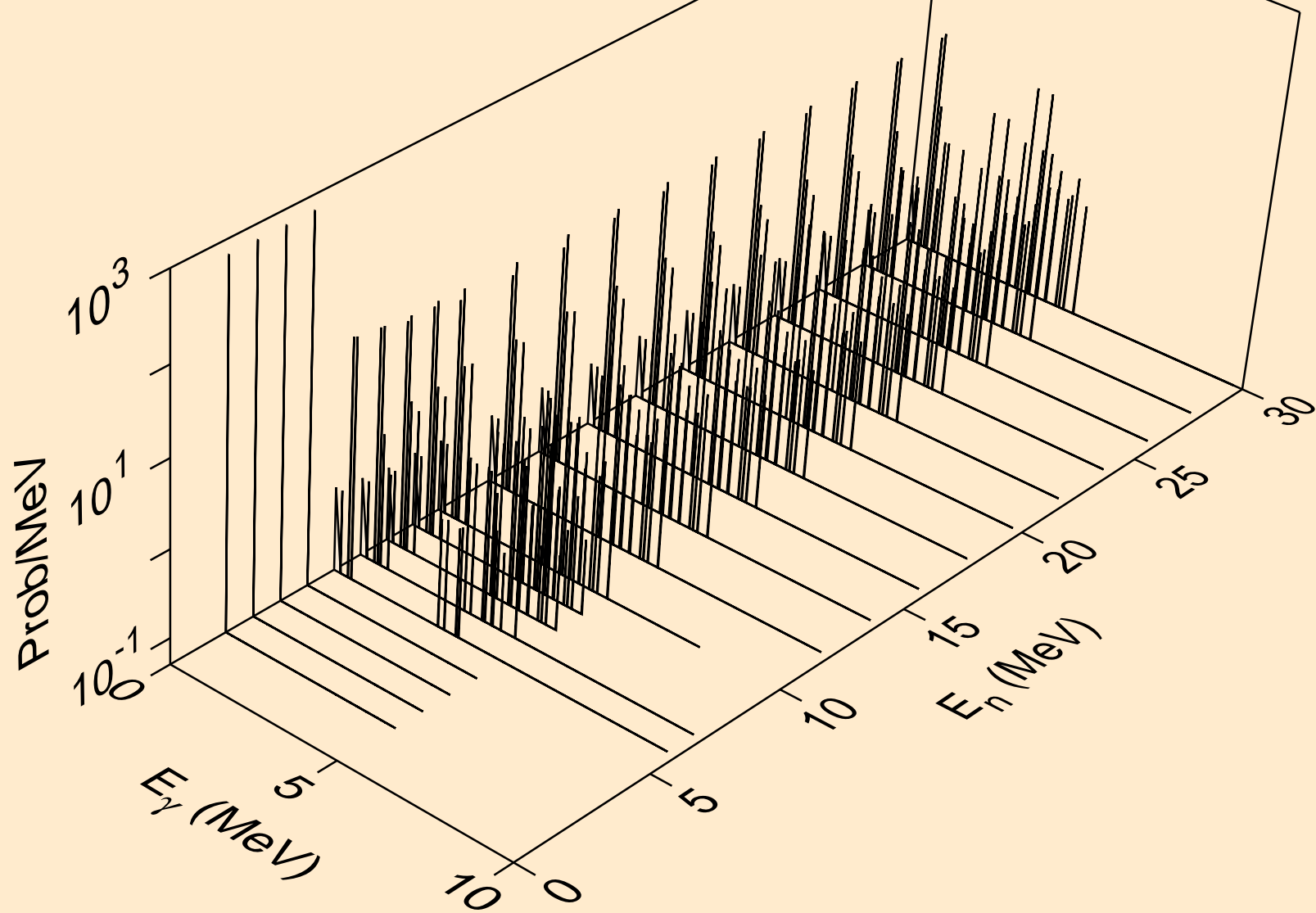
N014 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3



N014 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for inelastic

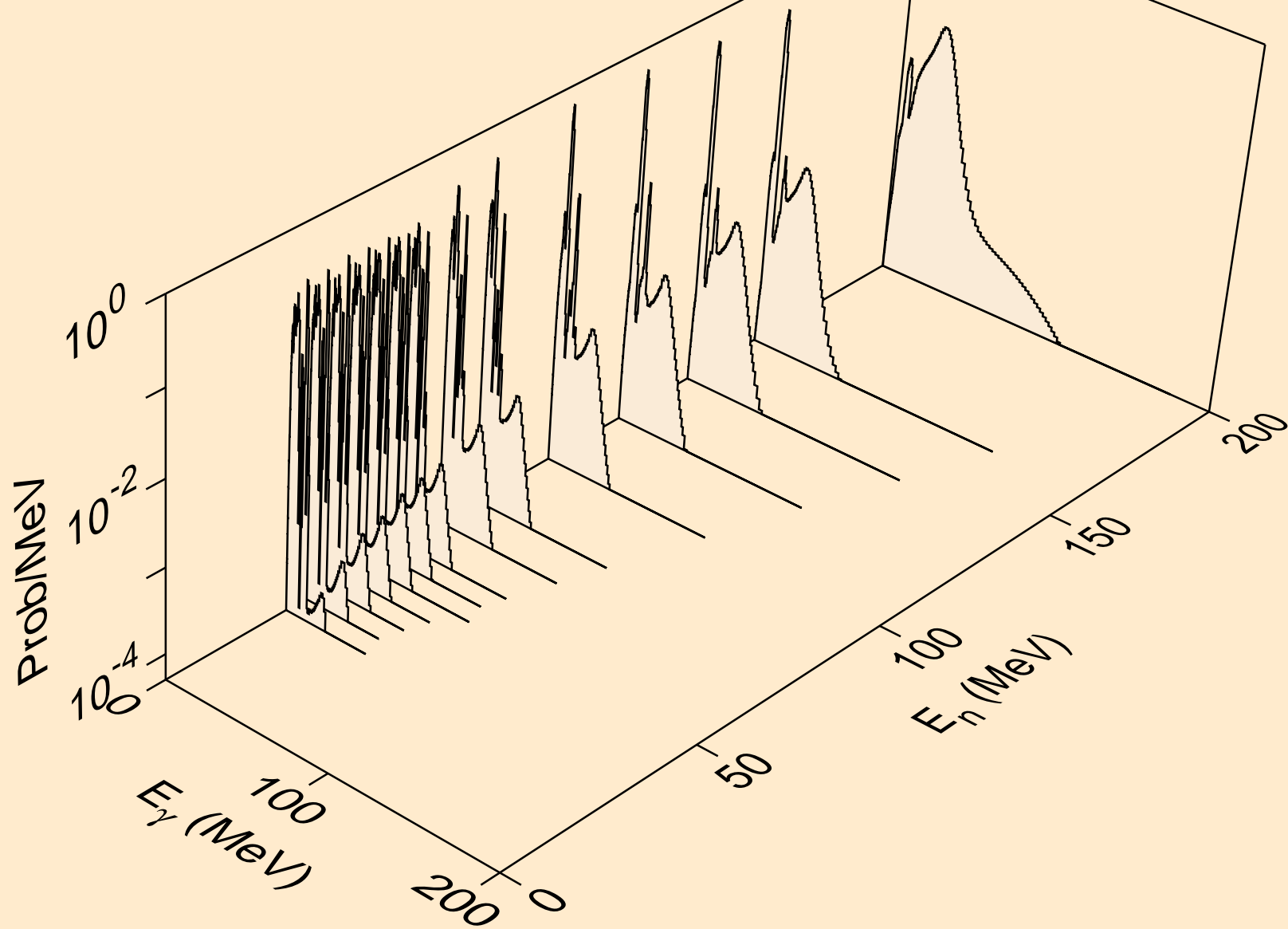


N014 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)

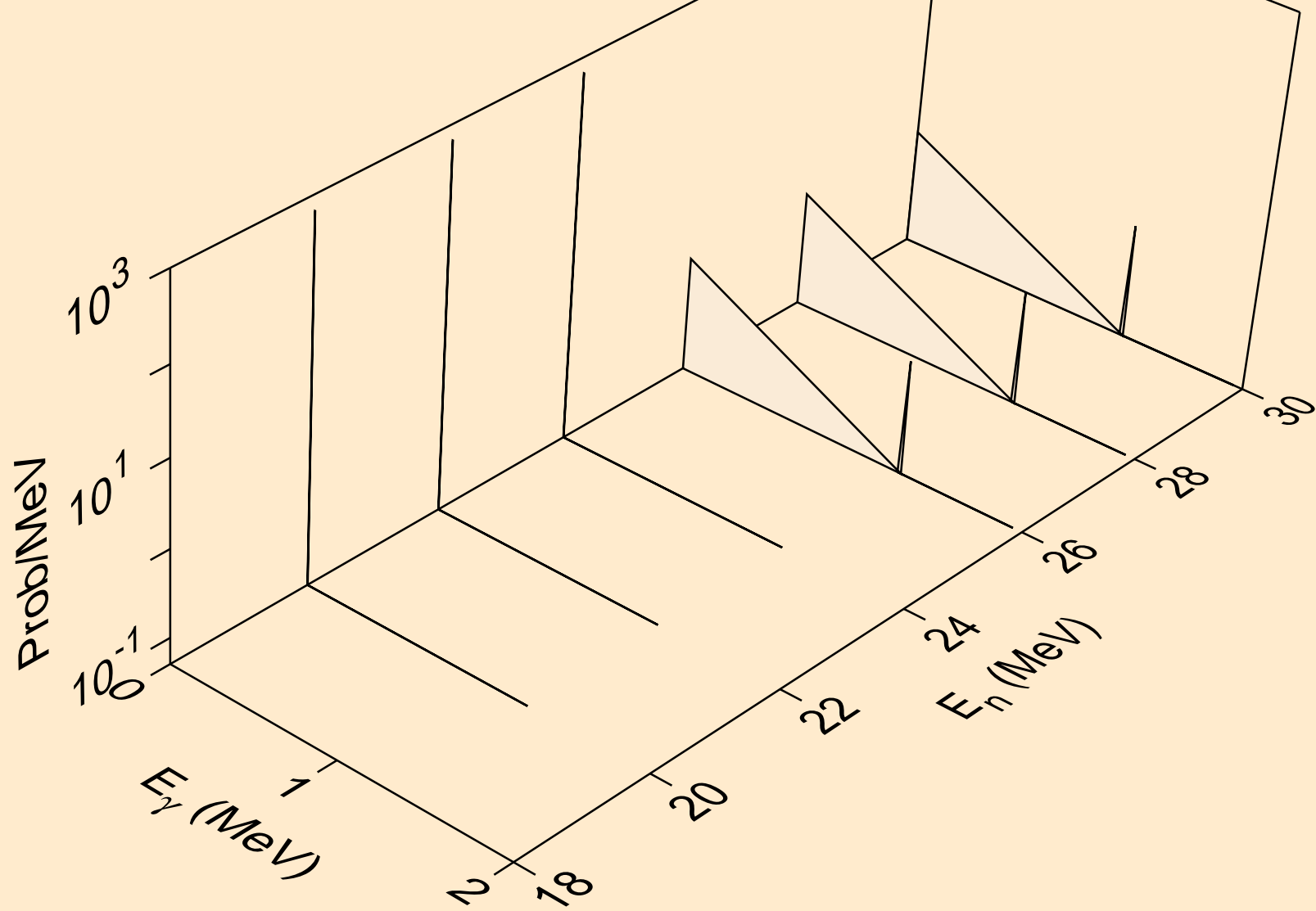




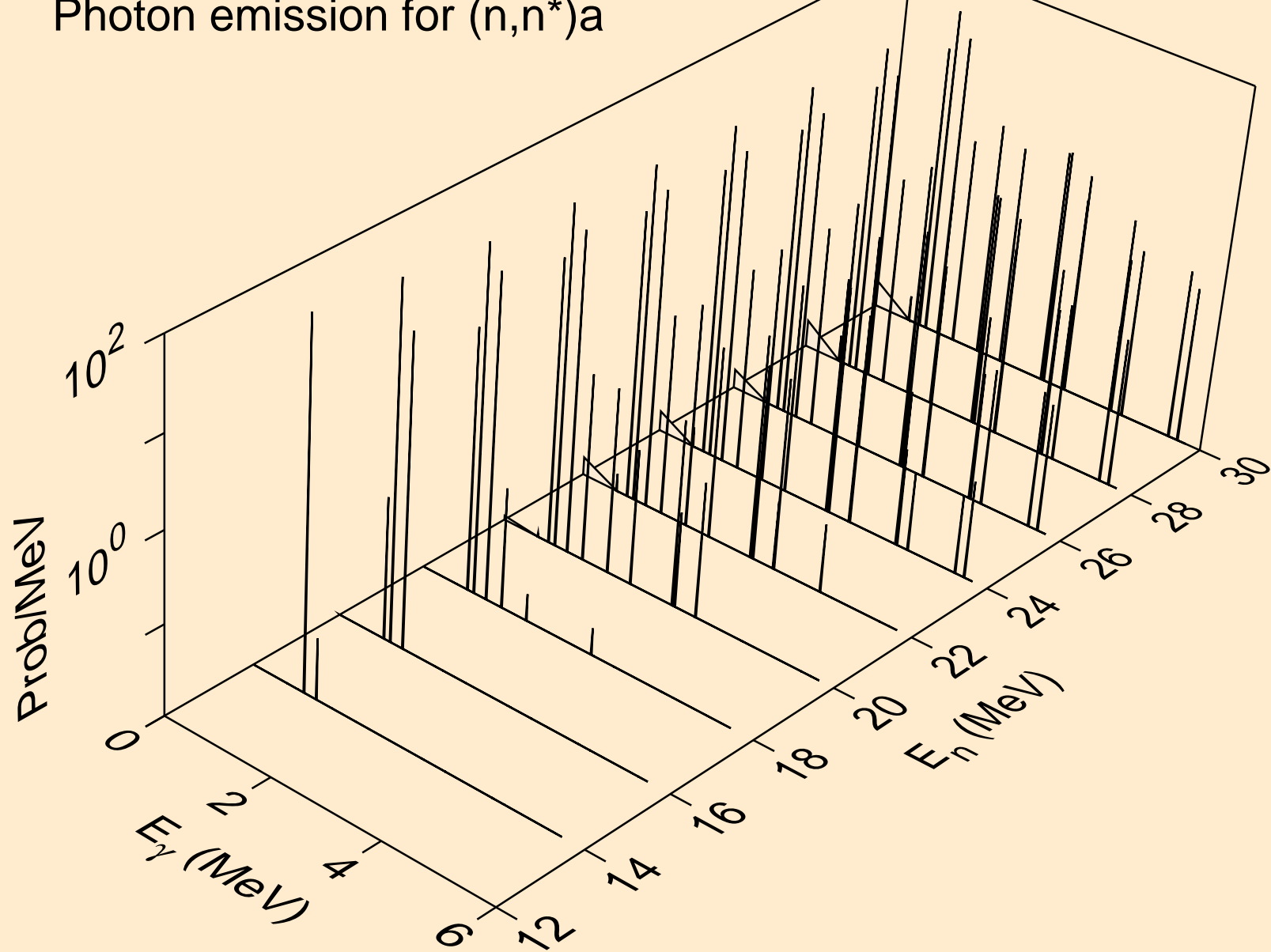
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Photon emission for (n,x)



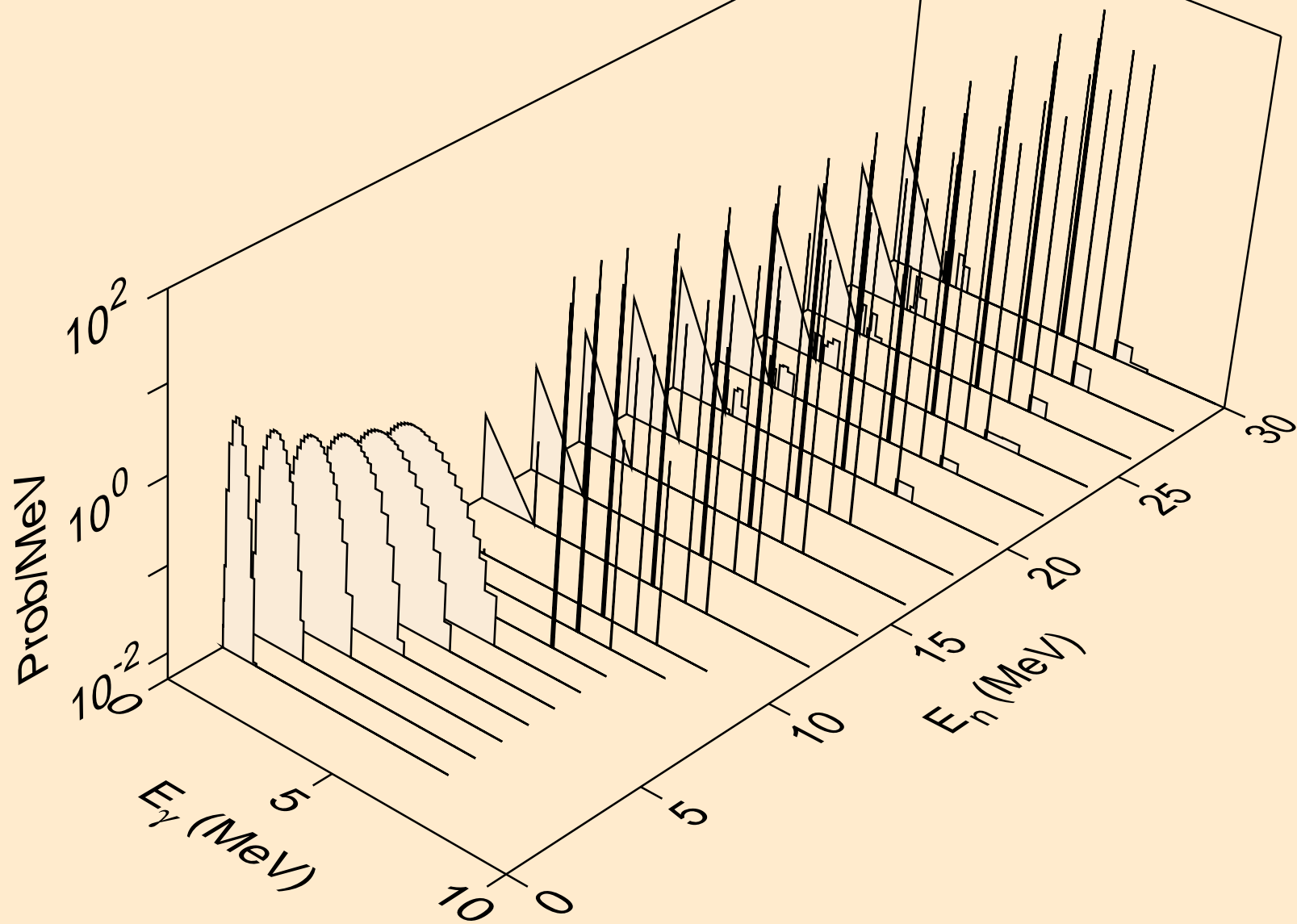
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Photon emission for (n,2n)



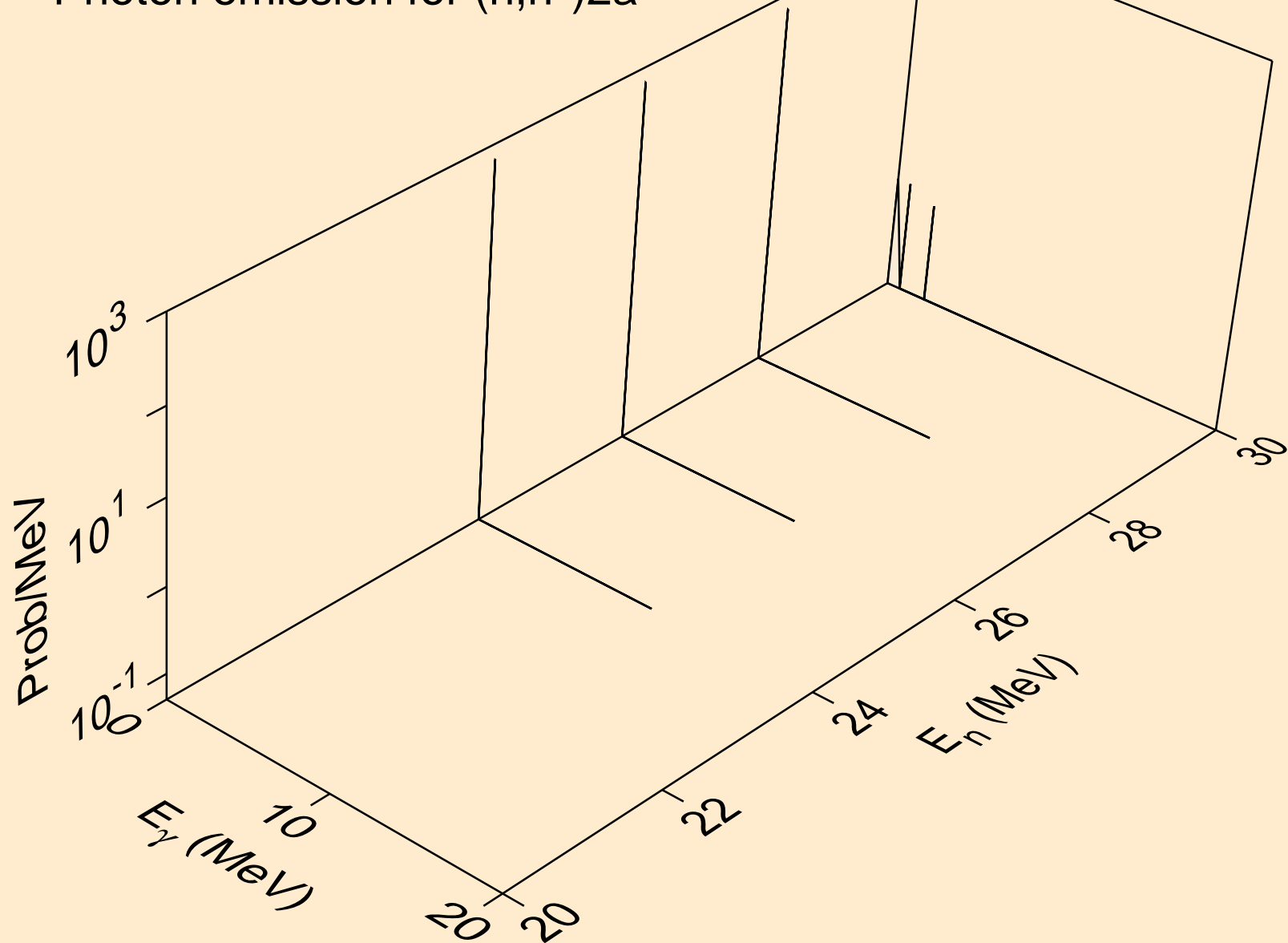
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Photon emission for (n,n\*)a



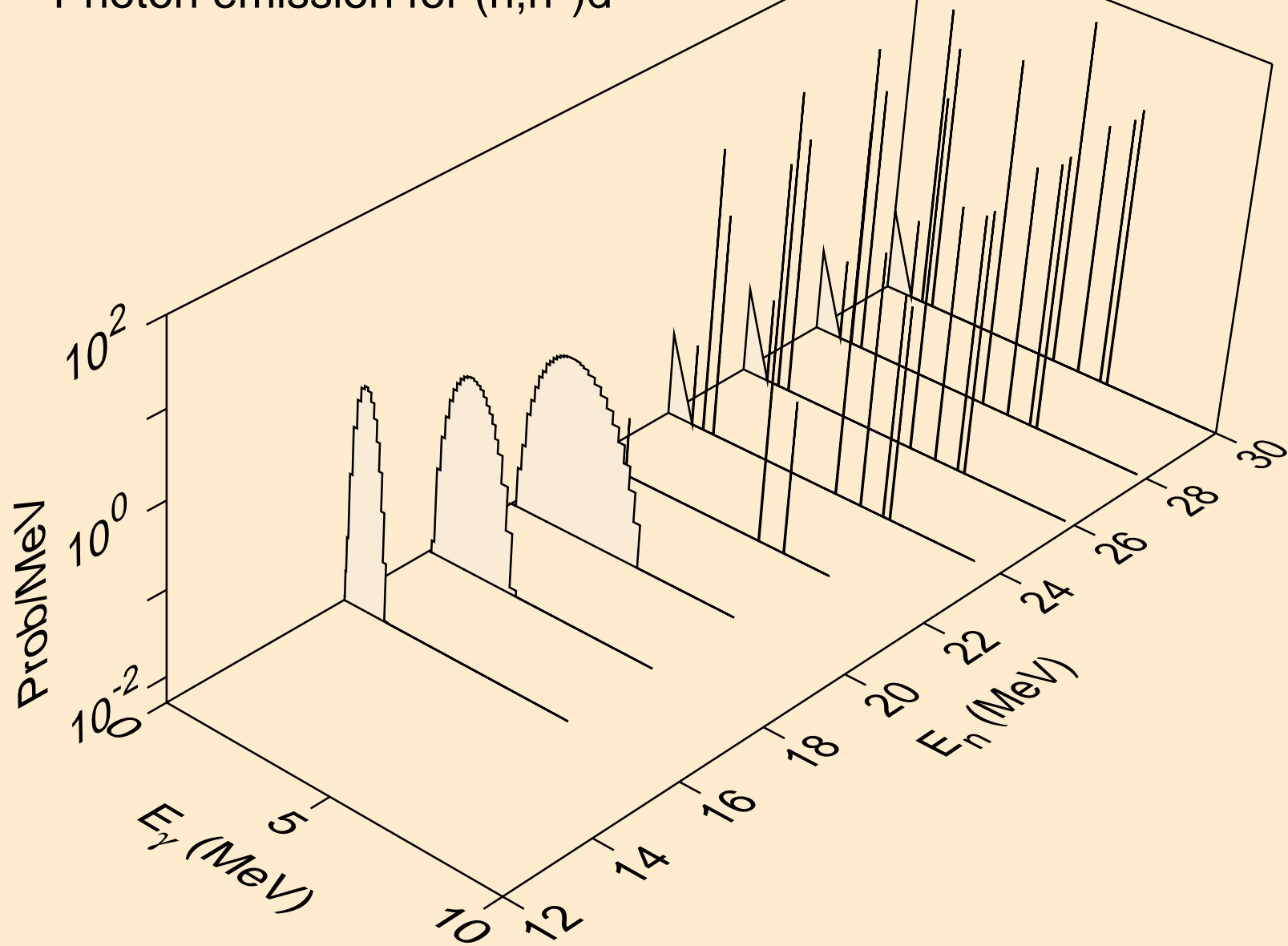
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Photon emission for (n,n\*)p



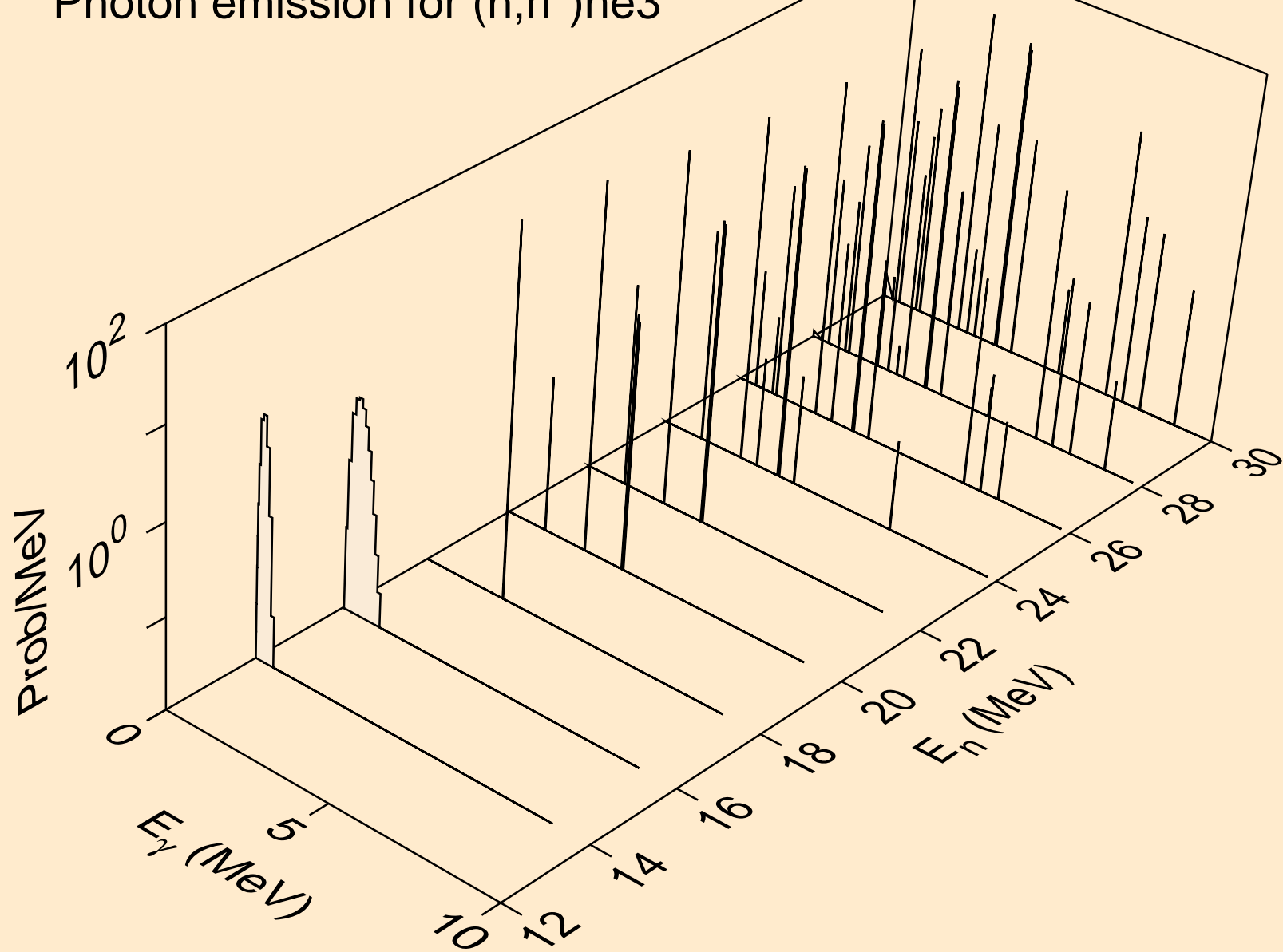
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Photon emission for (n,n\*)2a



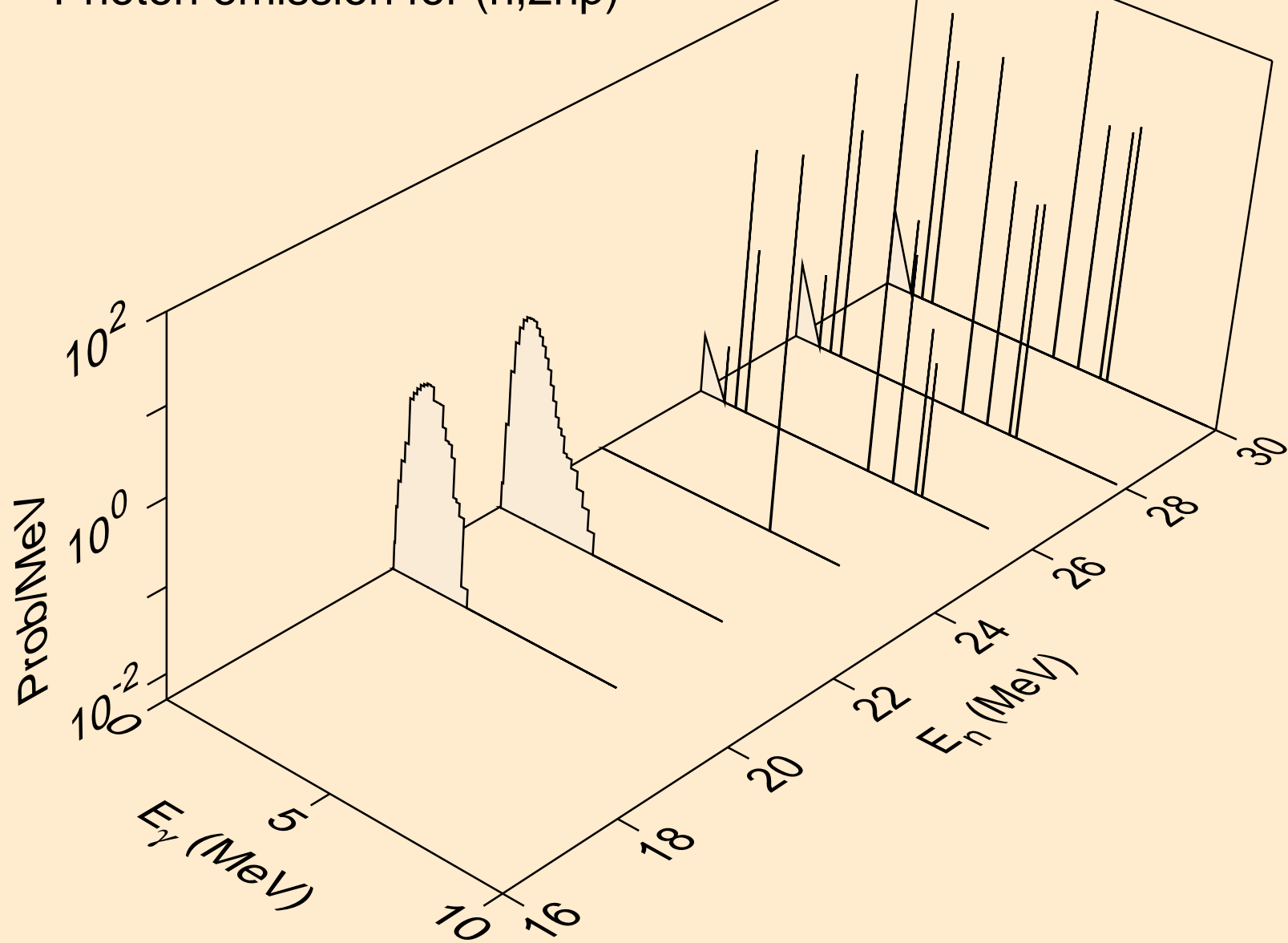
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Photon emission for (n,n\*)d



N014 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

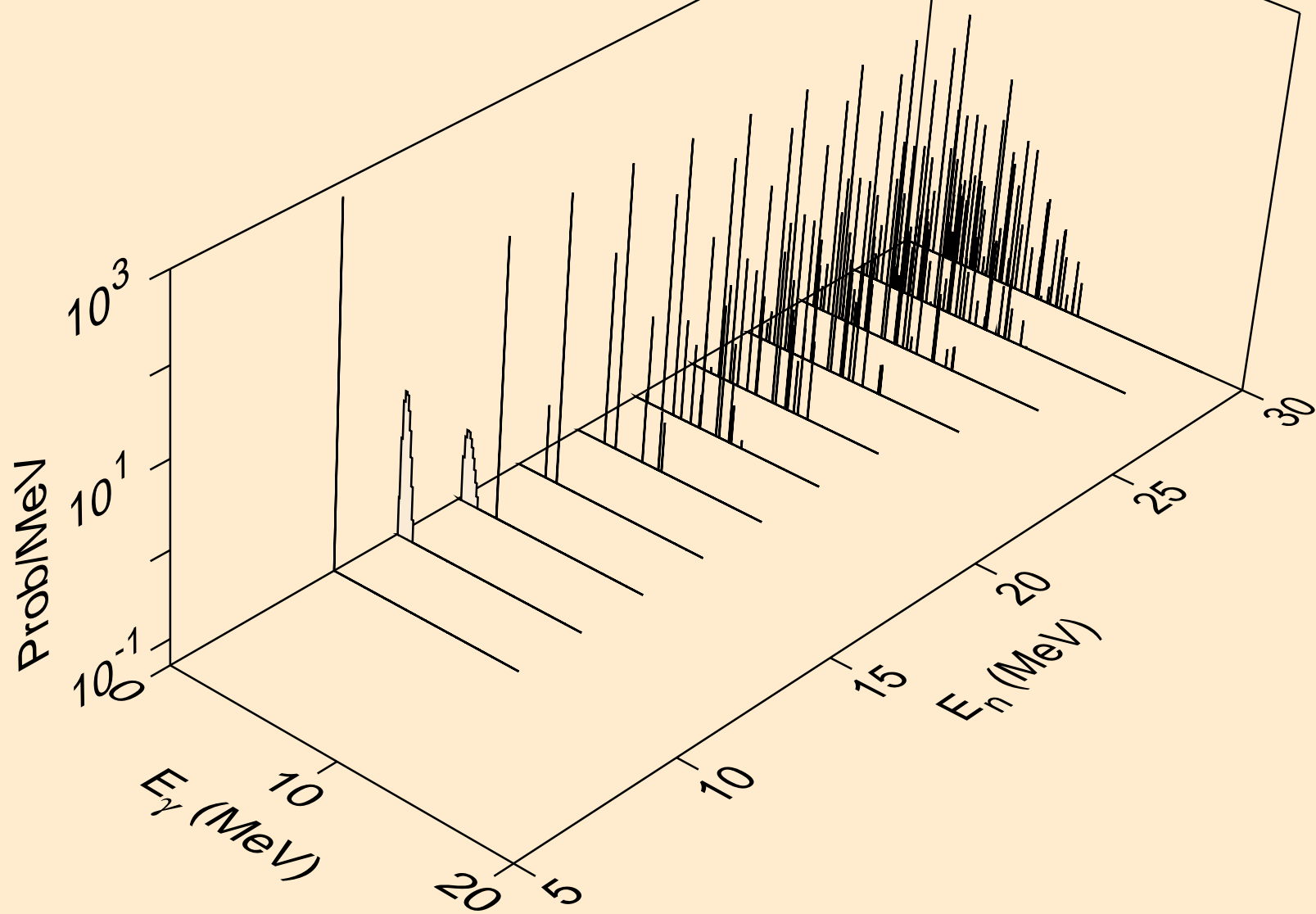


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Photon emission for (n,2np)

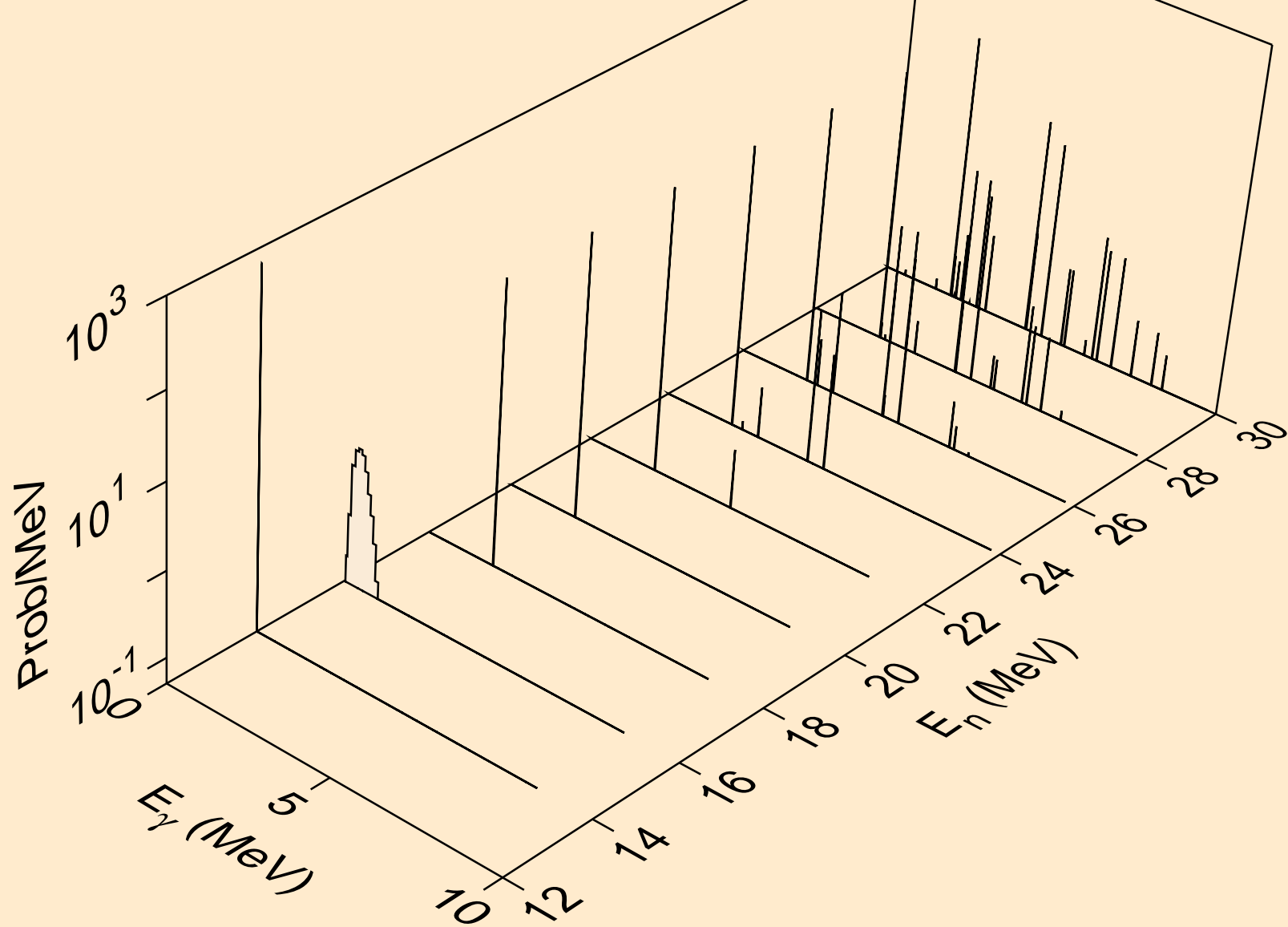




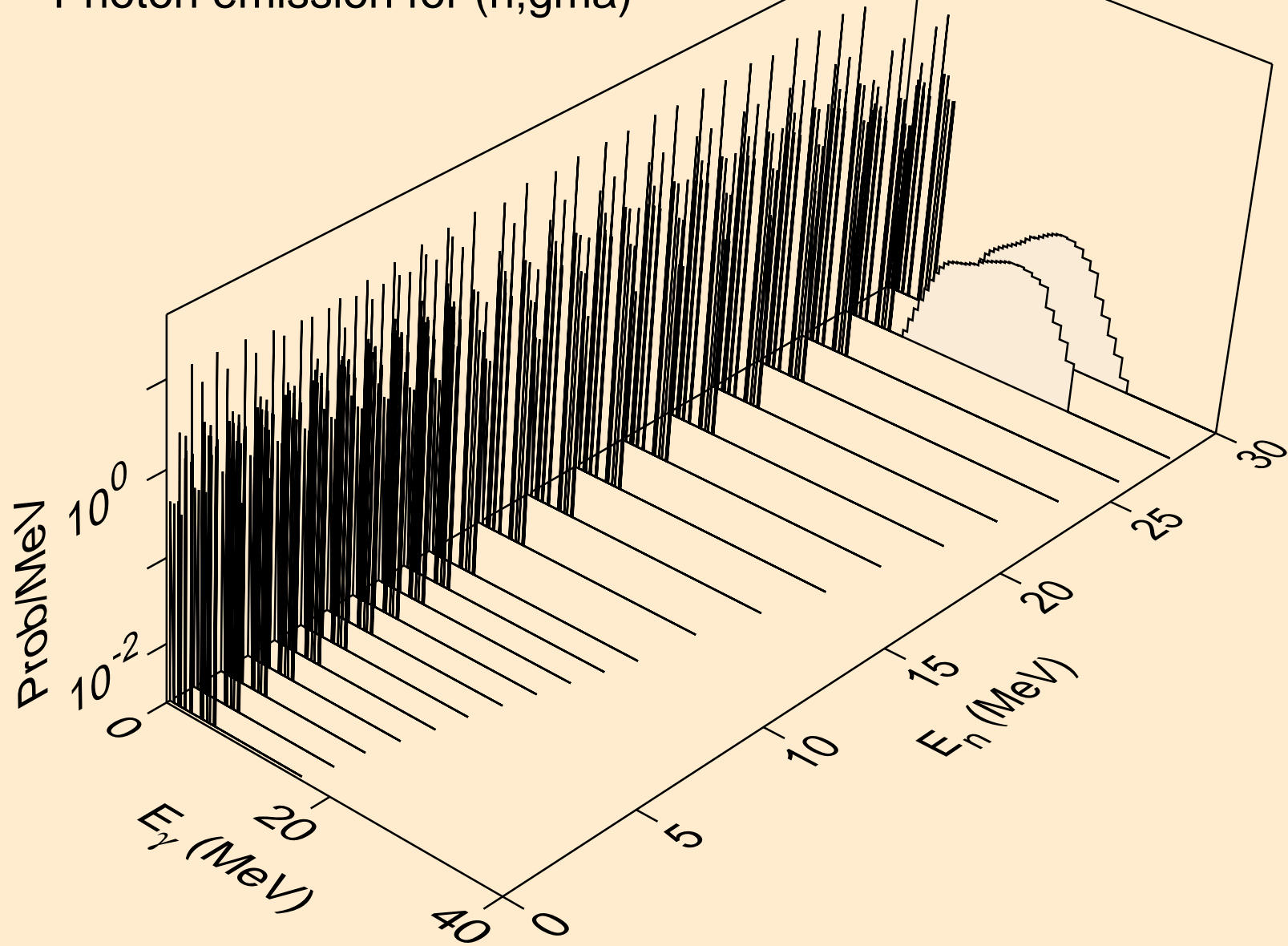
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Photon emission for (n,2np)



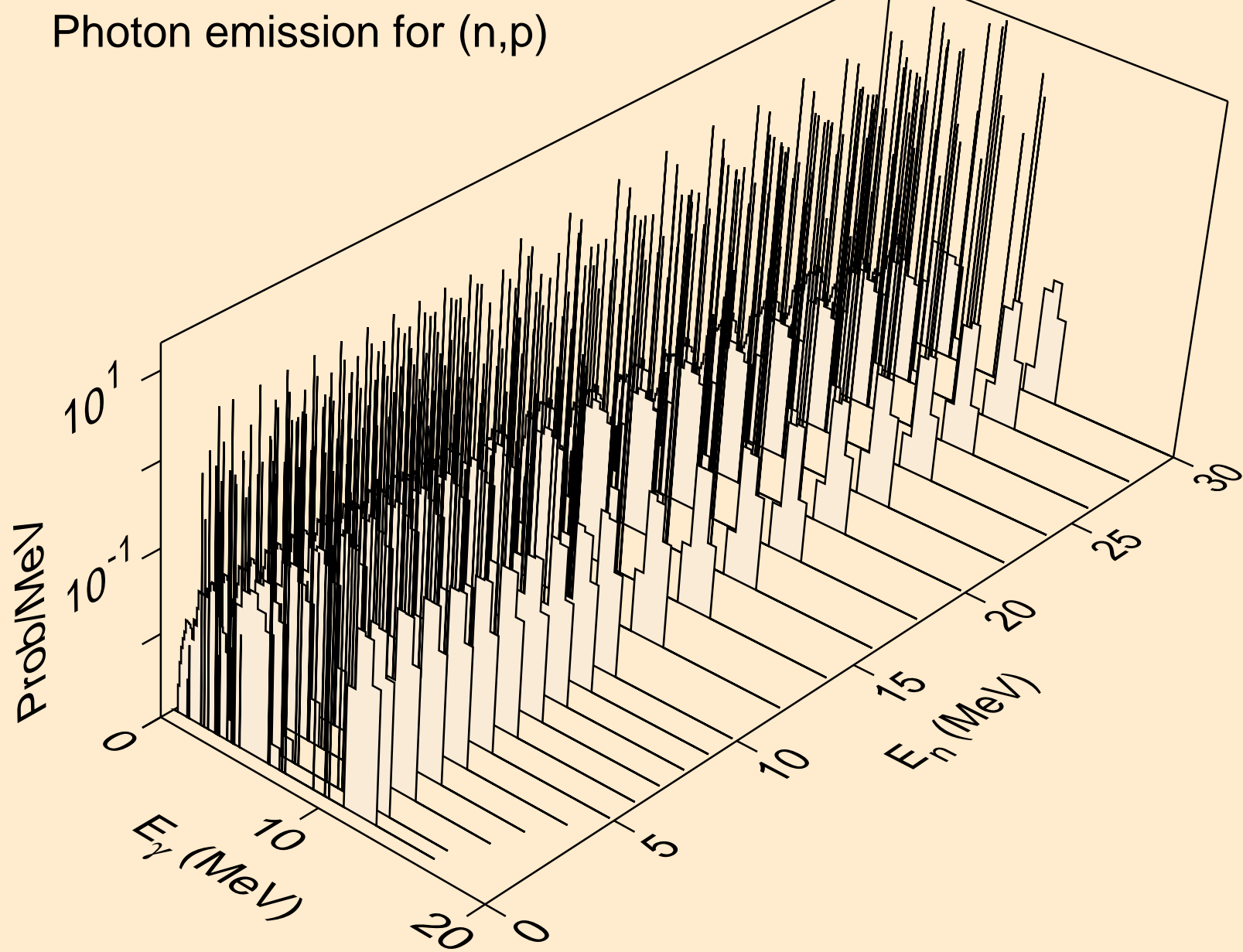
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Photon emission for (n,npa)



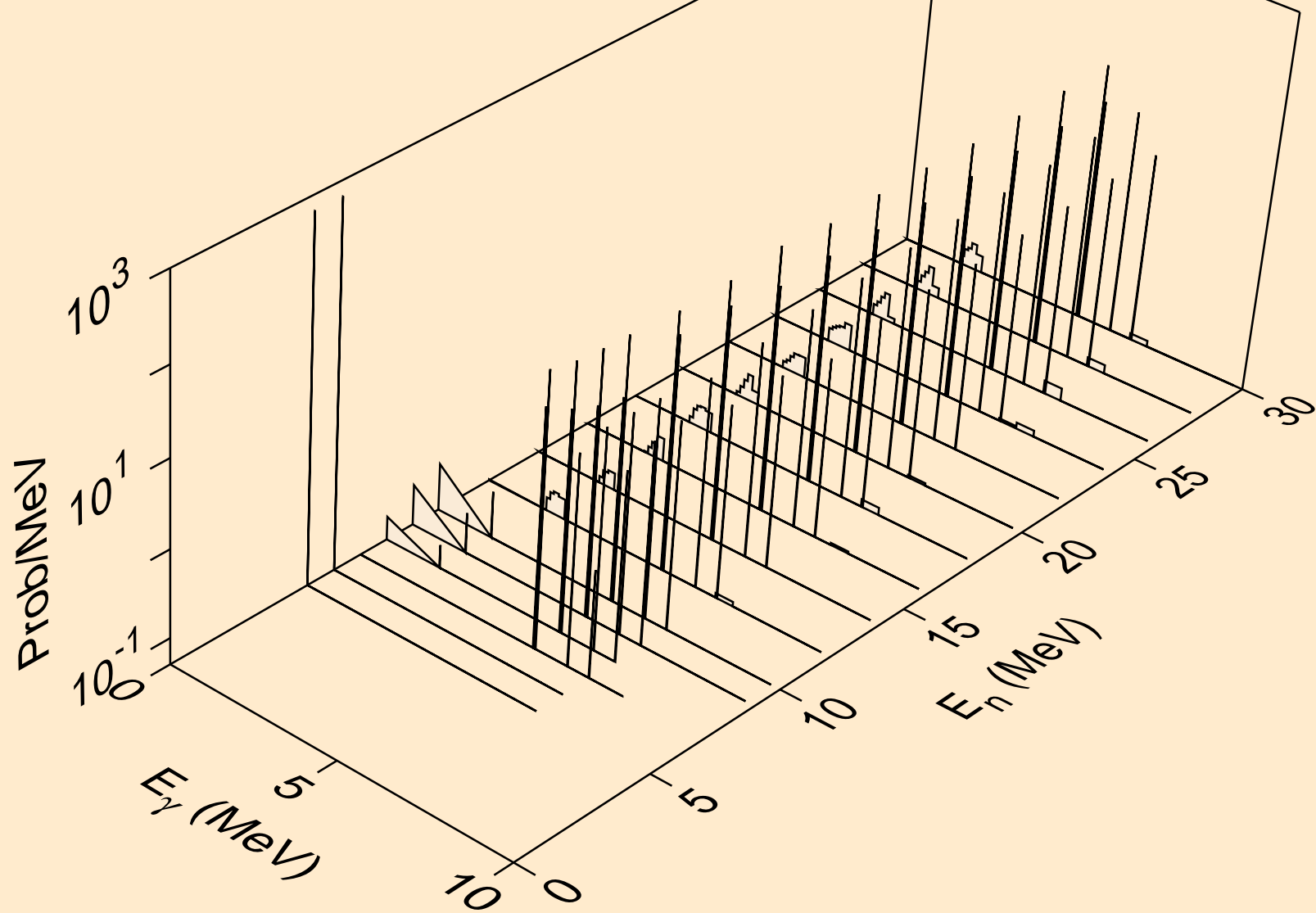
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Photon emission for (n,gma)



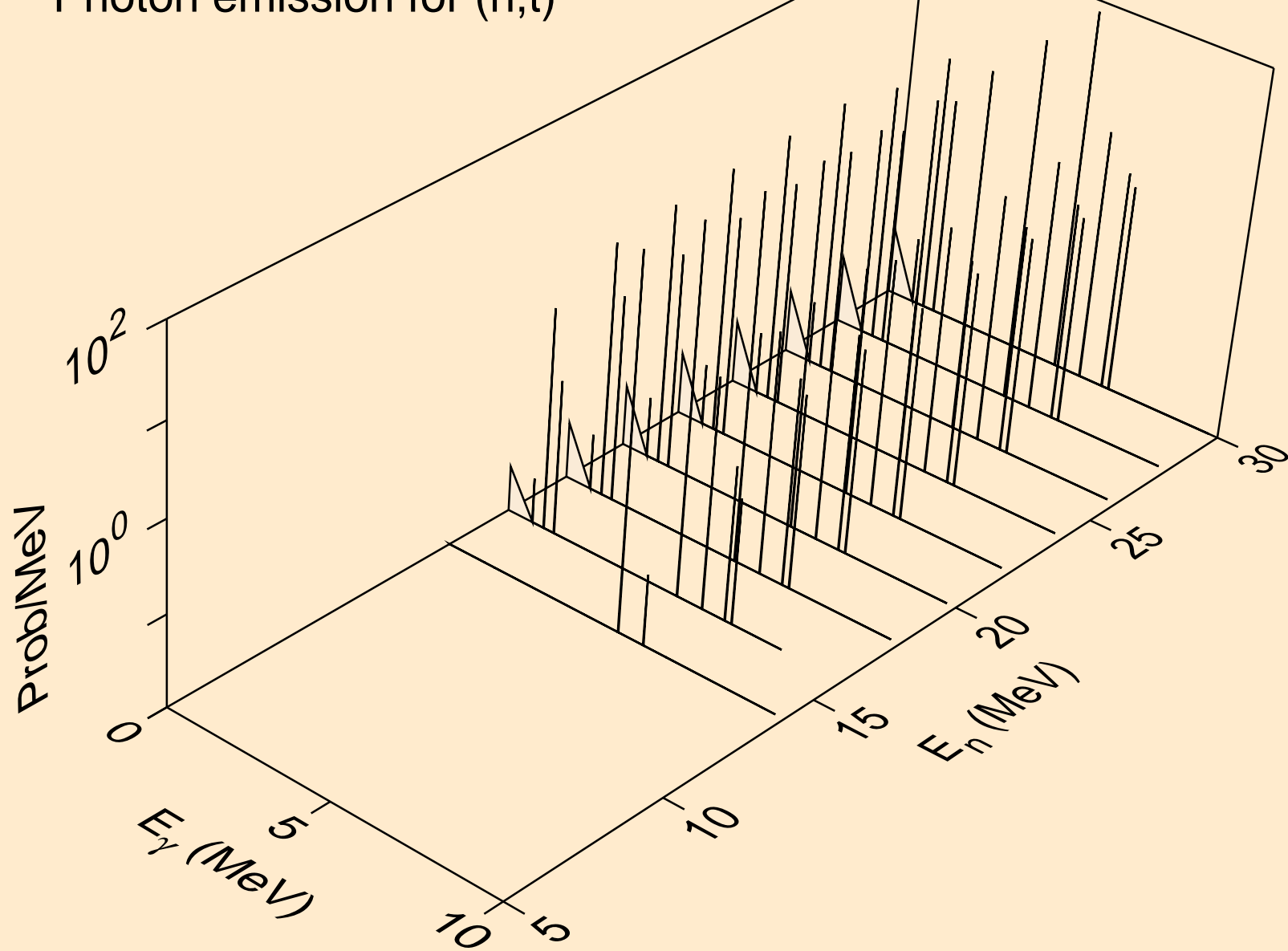
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Photon emission for (n,p)



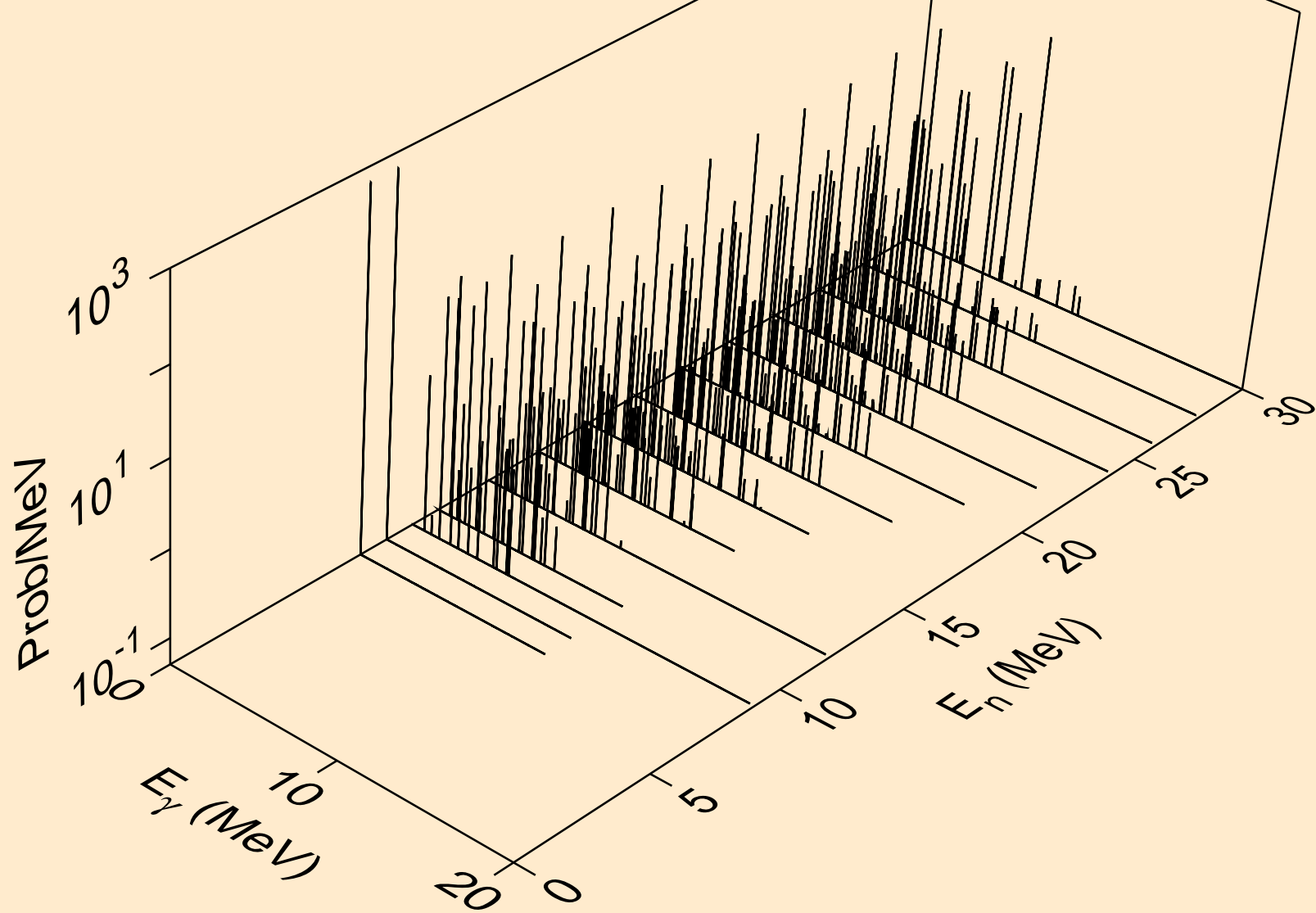
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Photon emission for (n,d)



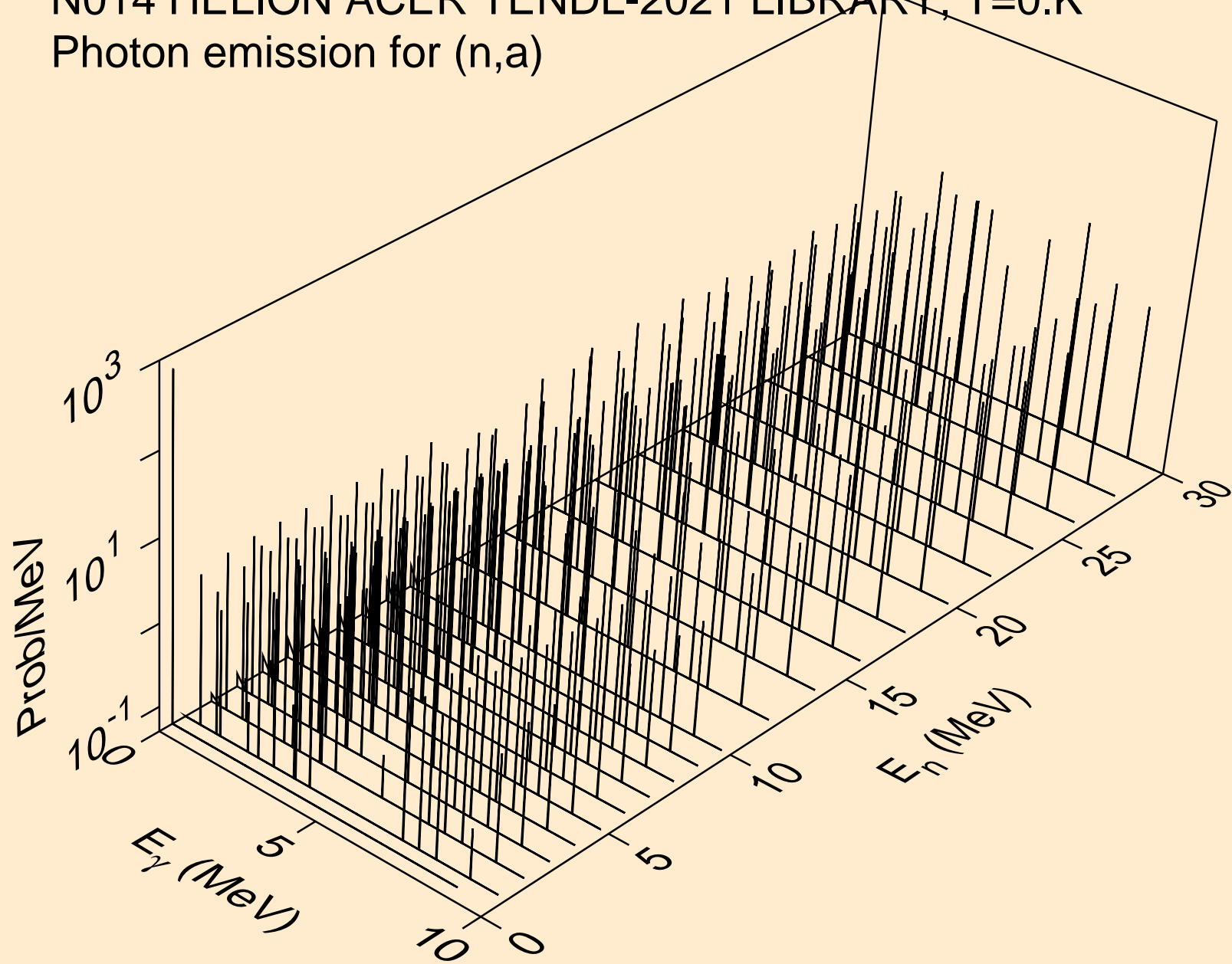
N014 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)



N014 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic

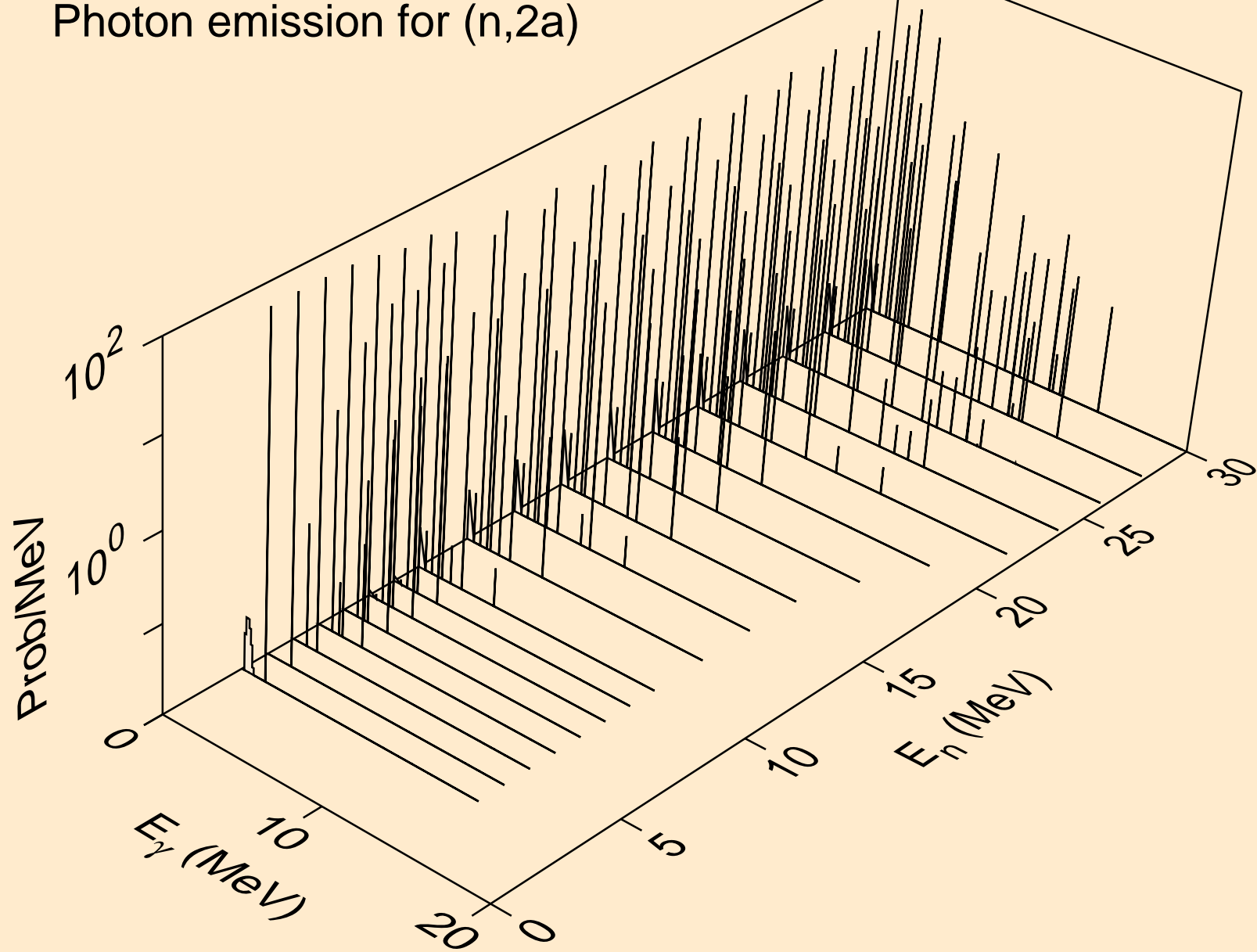


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Photon emission for (n,a)

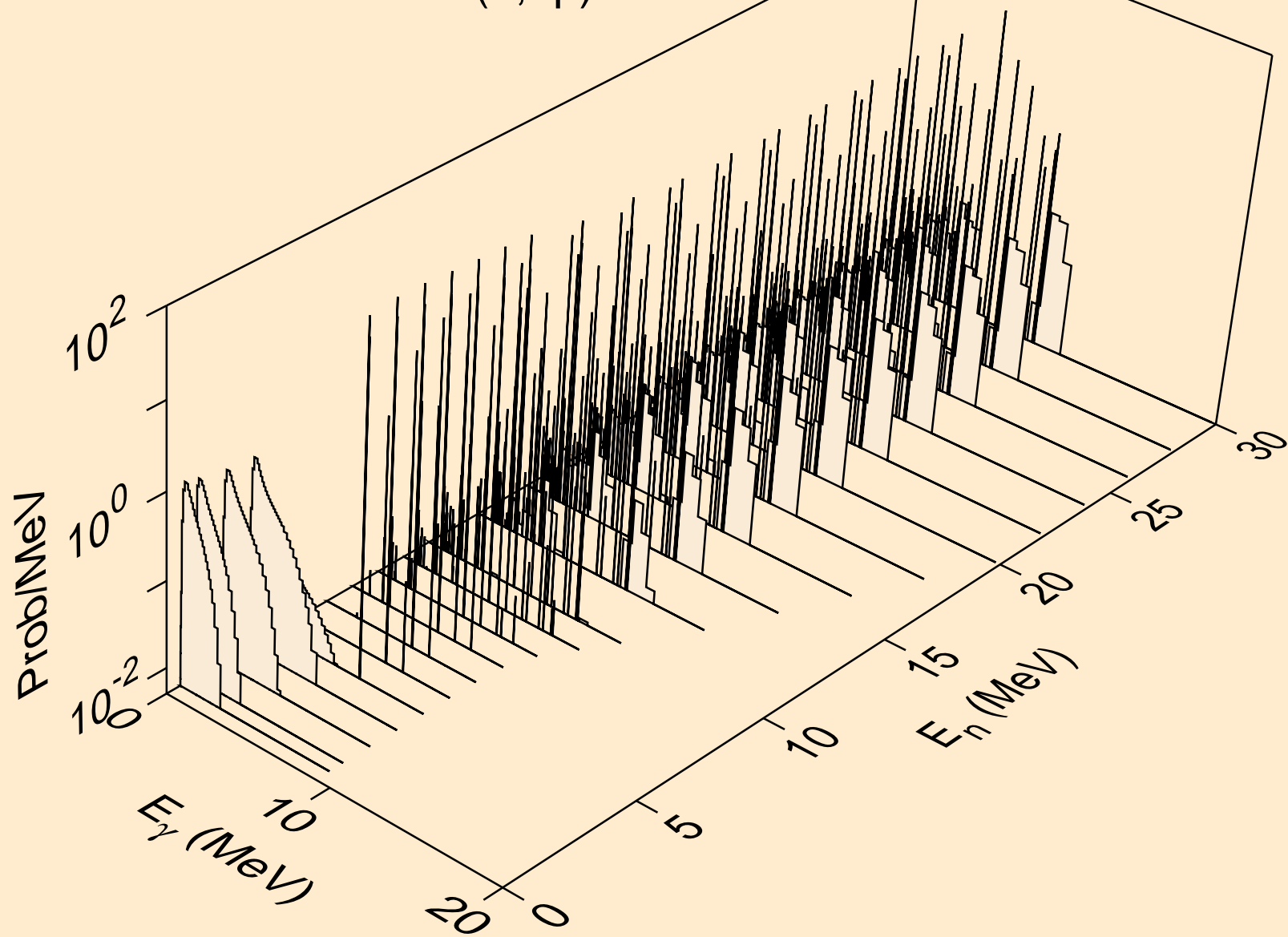




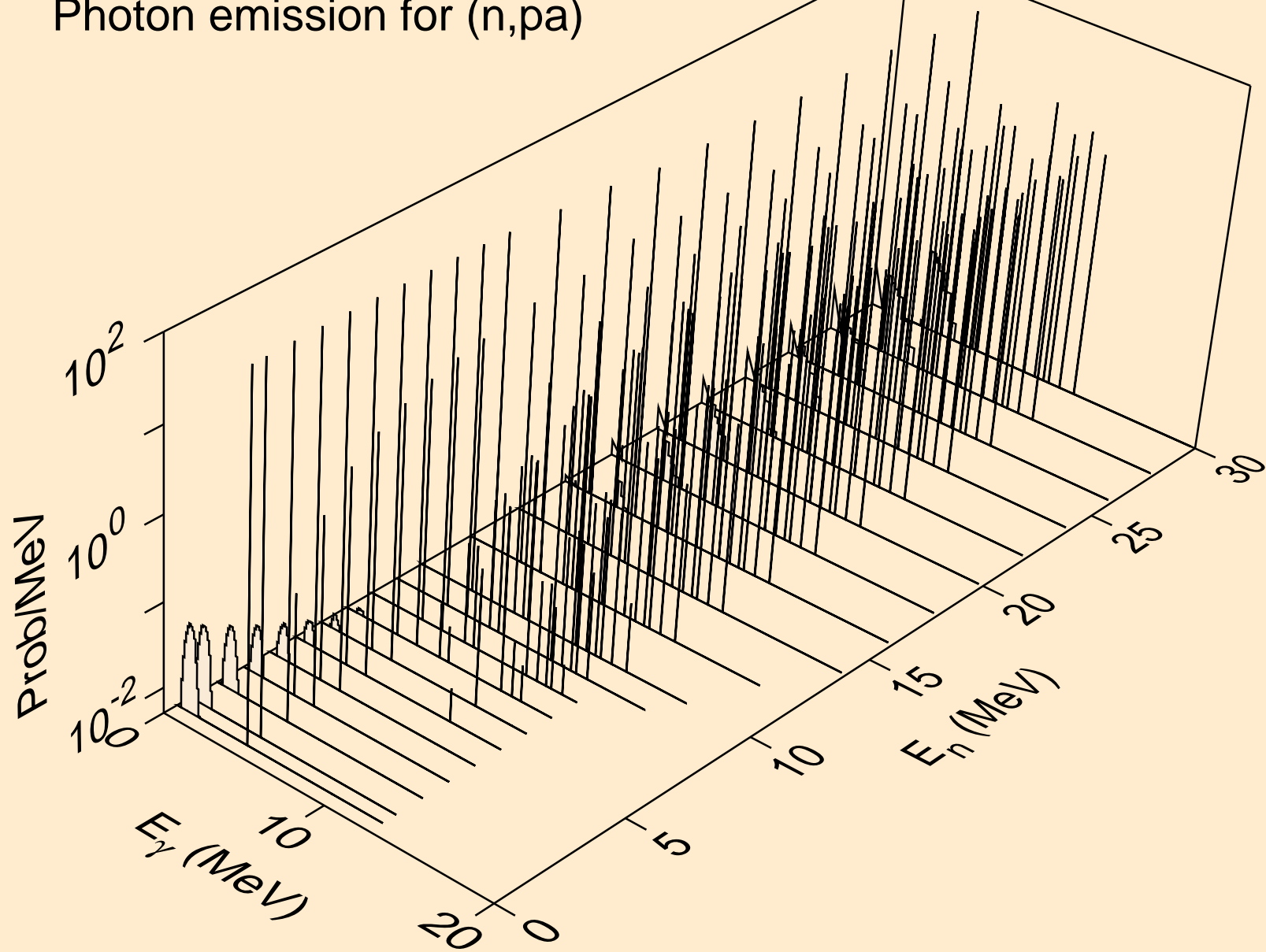
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Photon emission for (n,2a)



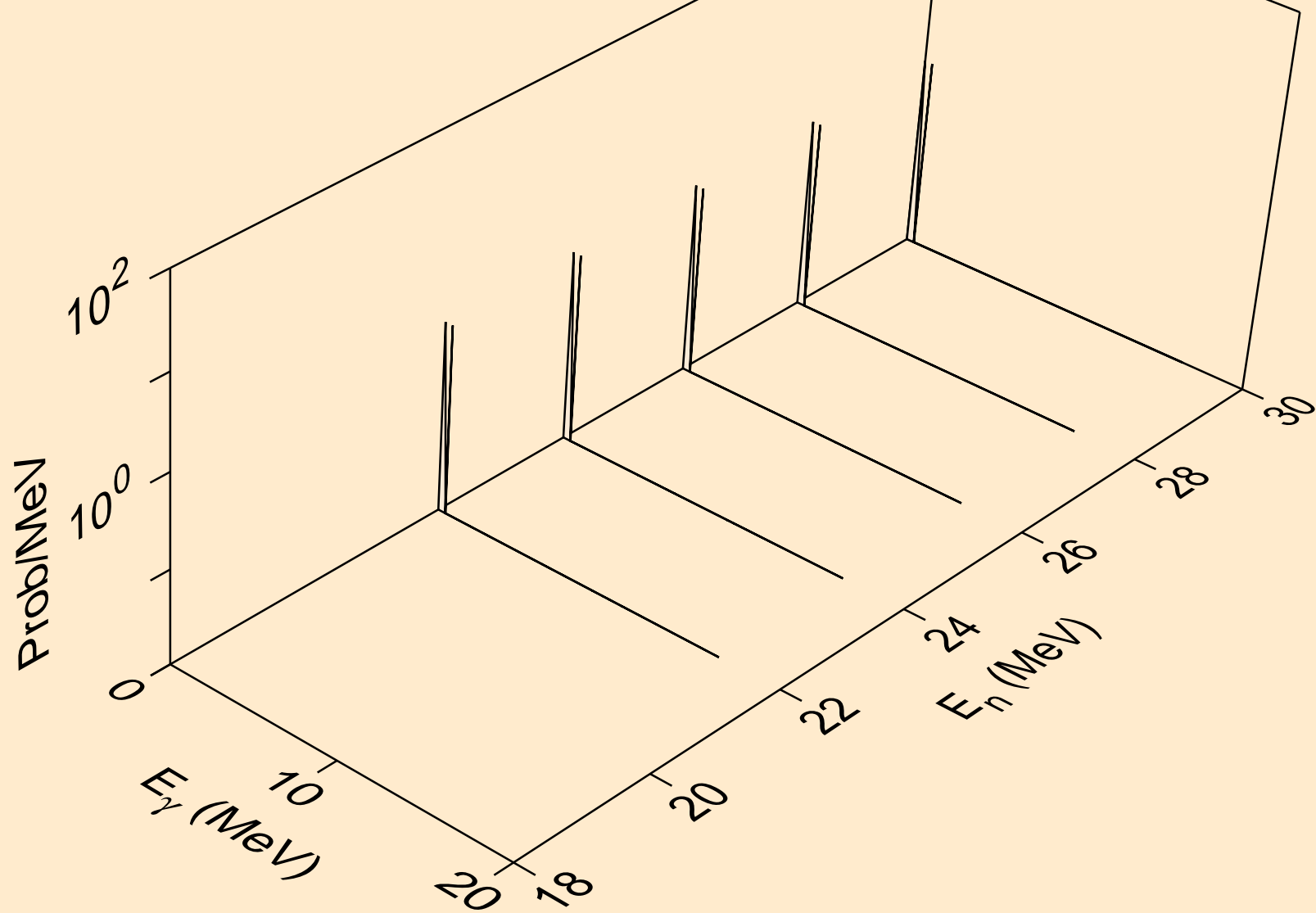
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Photon emission for (n,2p)



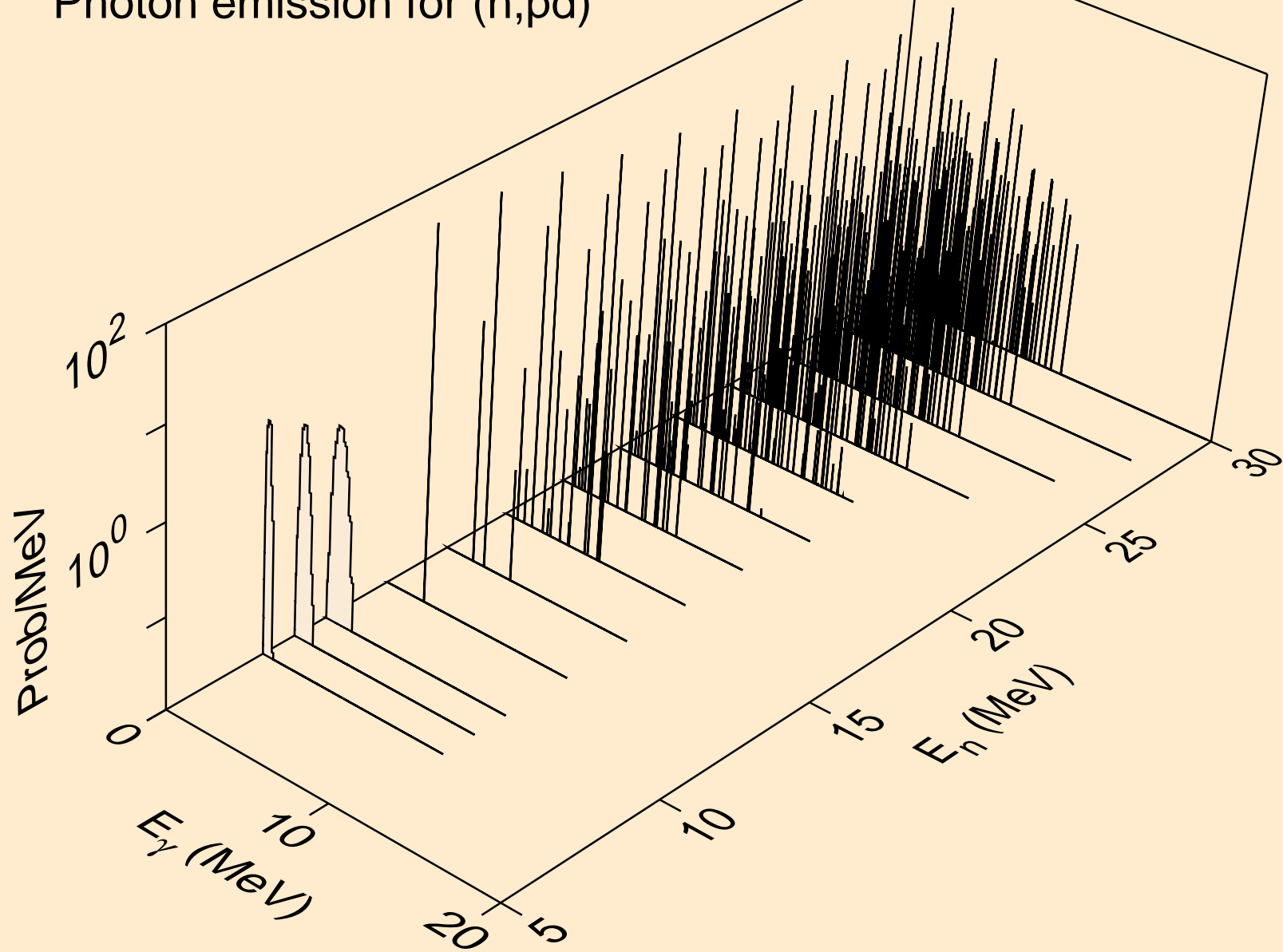
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Photon emission for (n,p $\alpha$ )



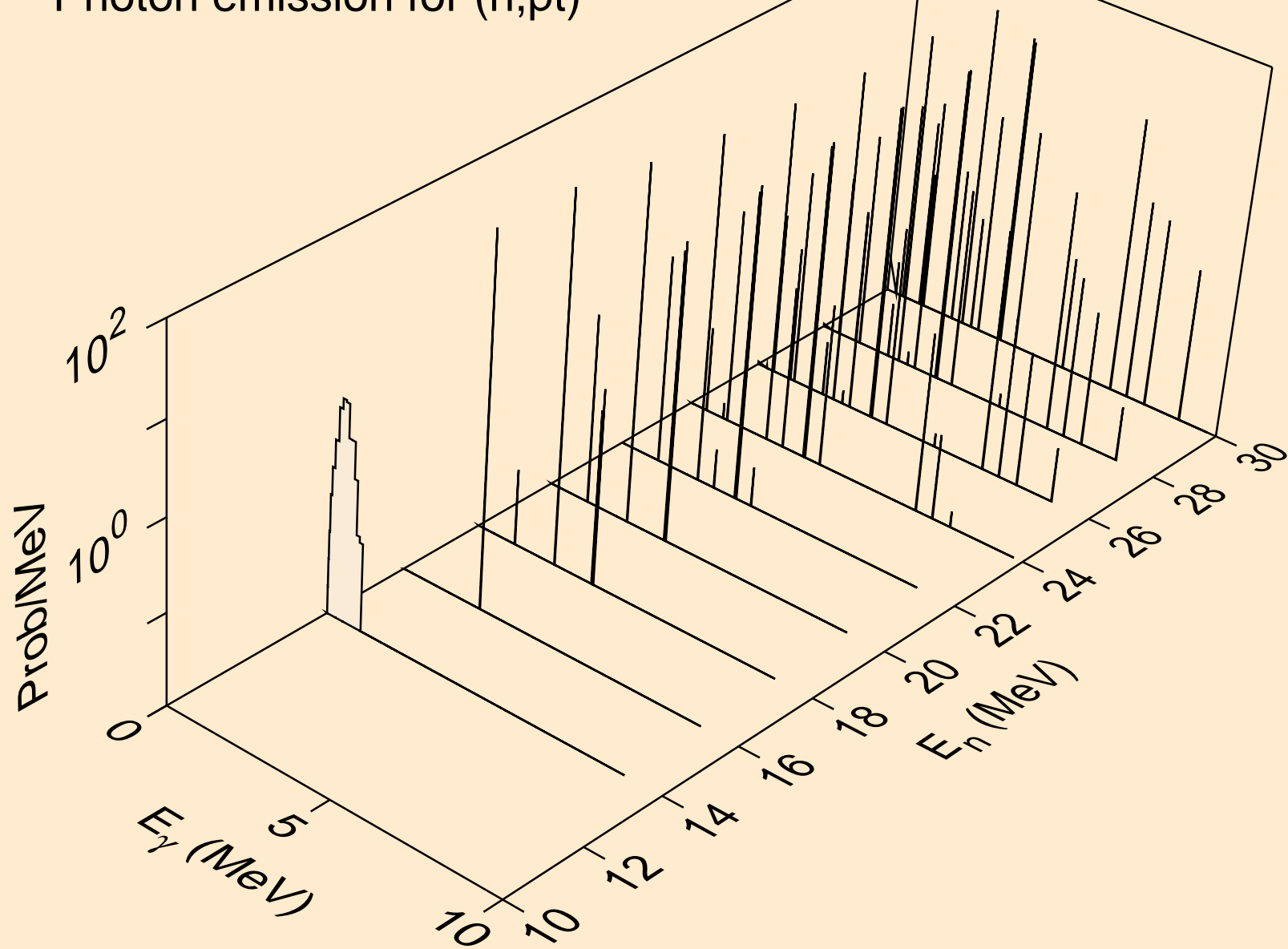
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Photon emission for (n,d2a)



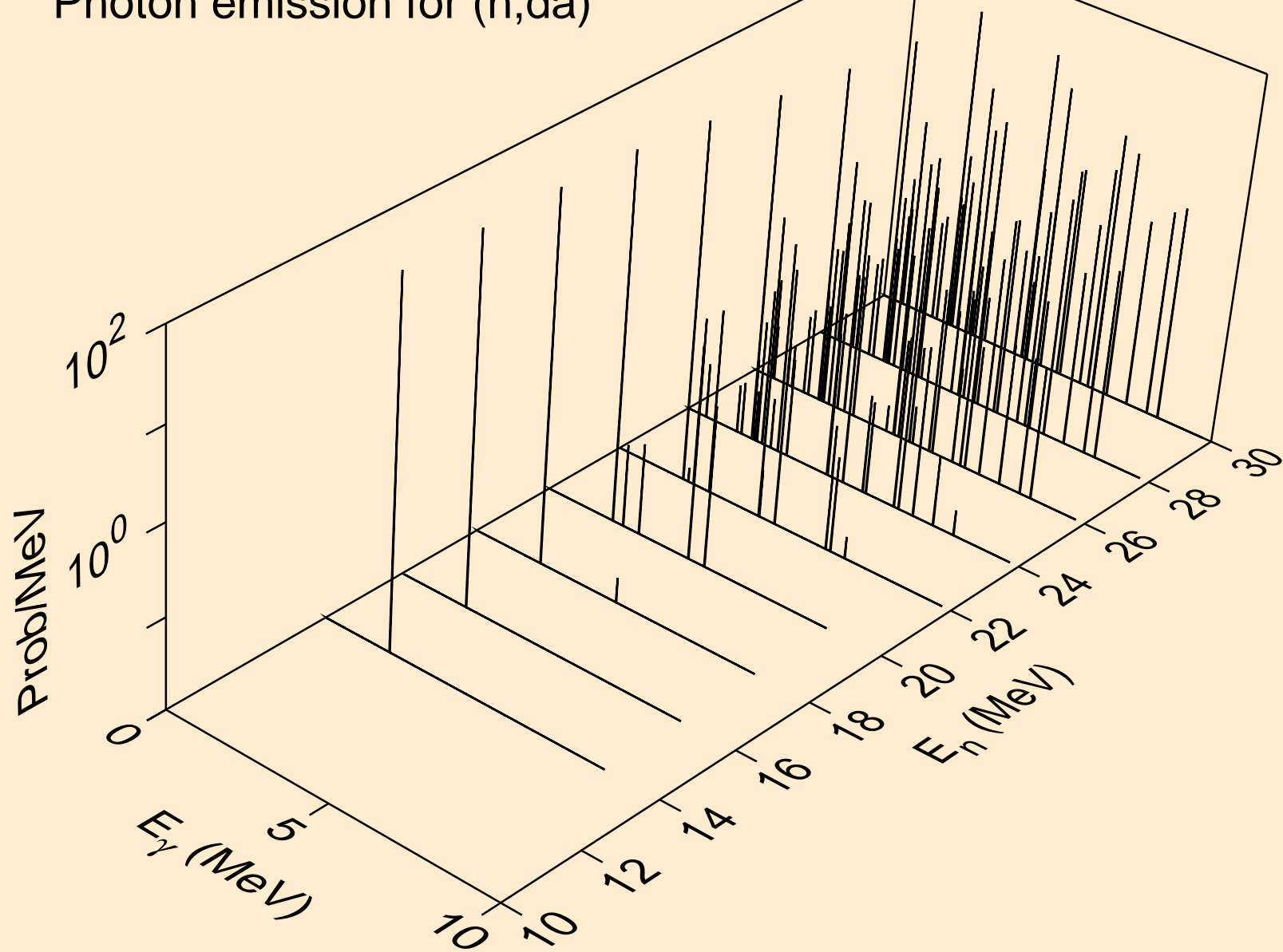
N014 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)



N014 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)

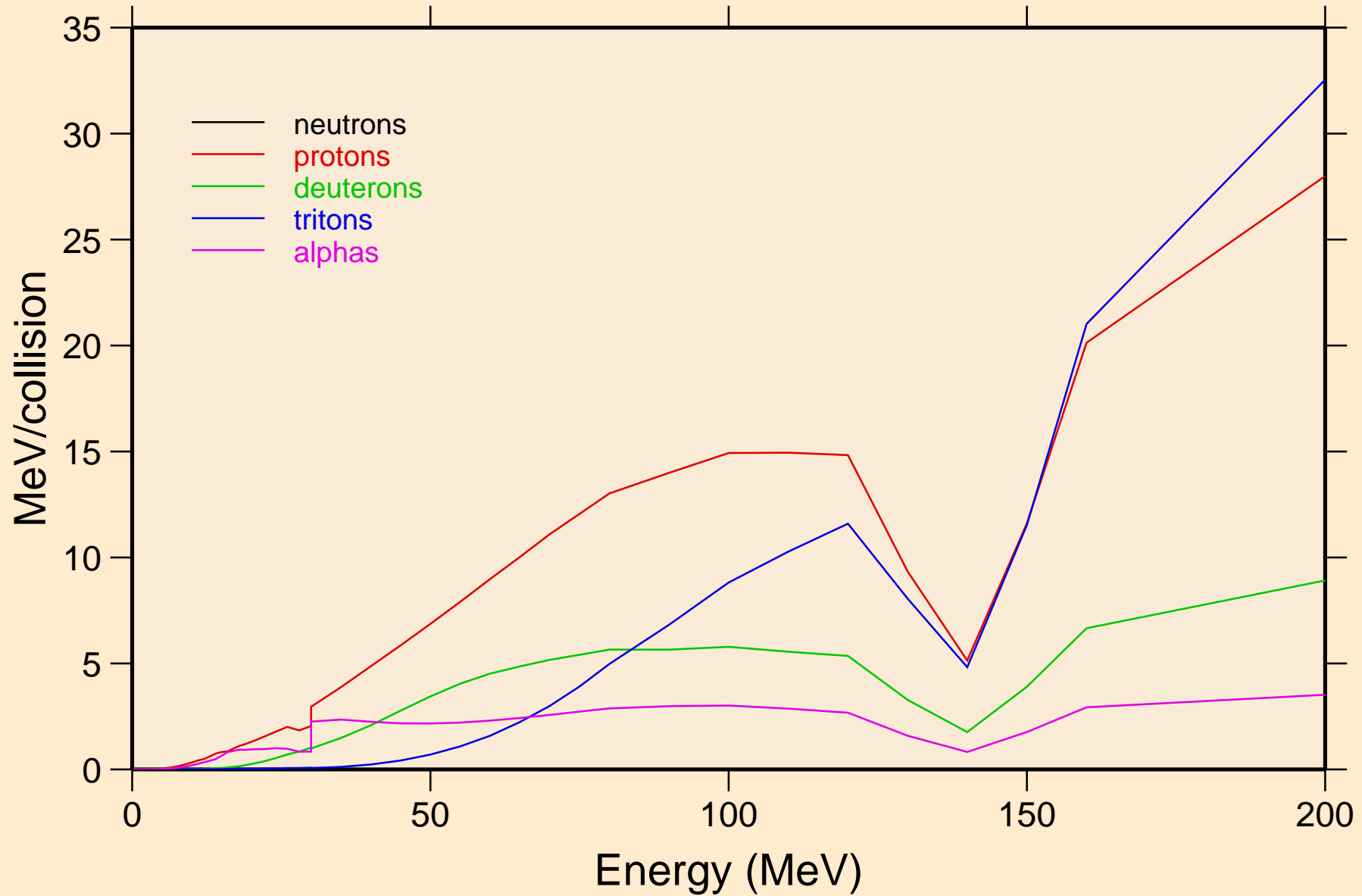


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Photon emission for (n,da)



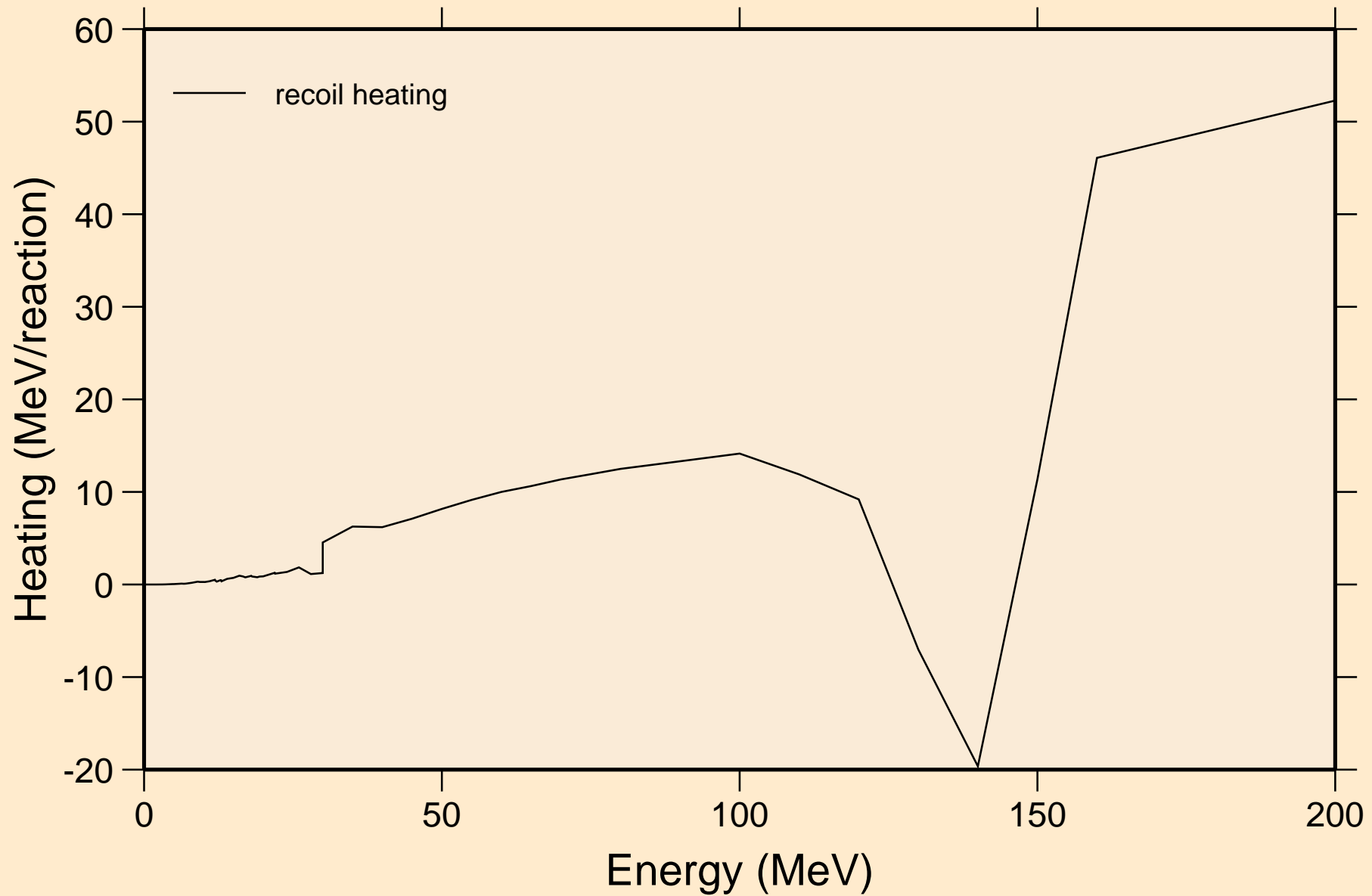
# N014 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Particle heating contributions

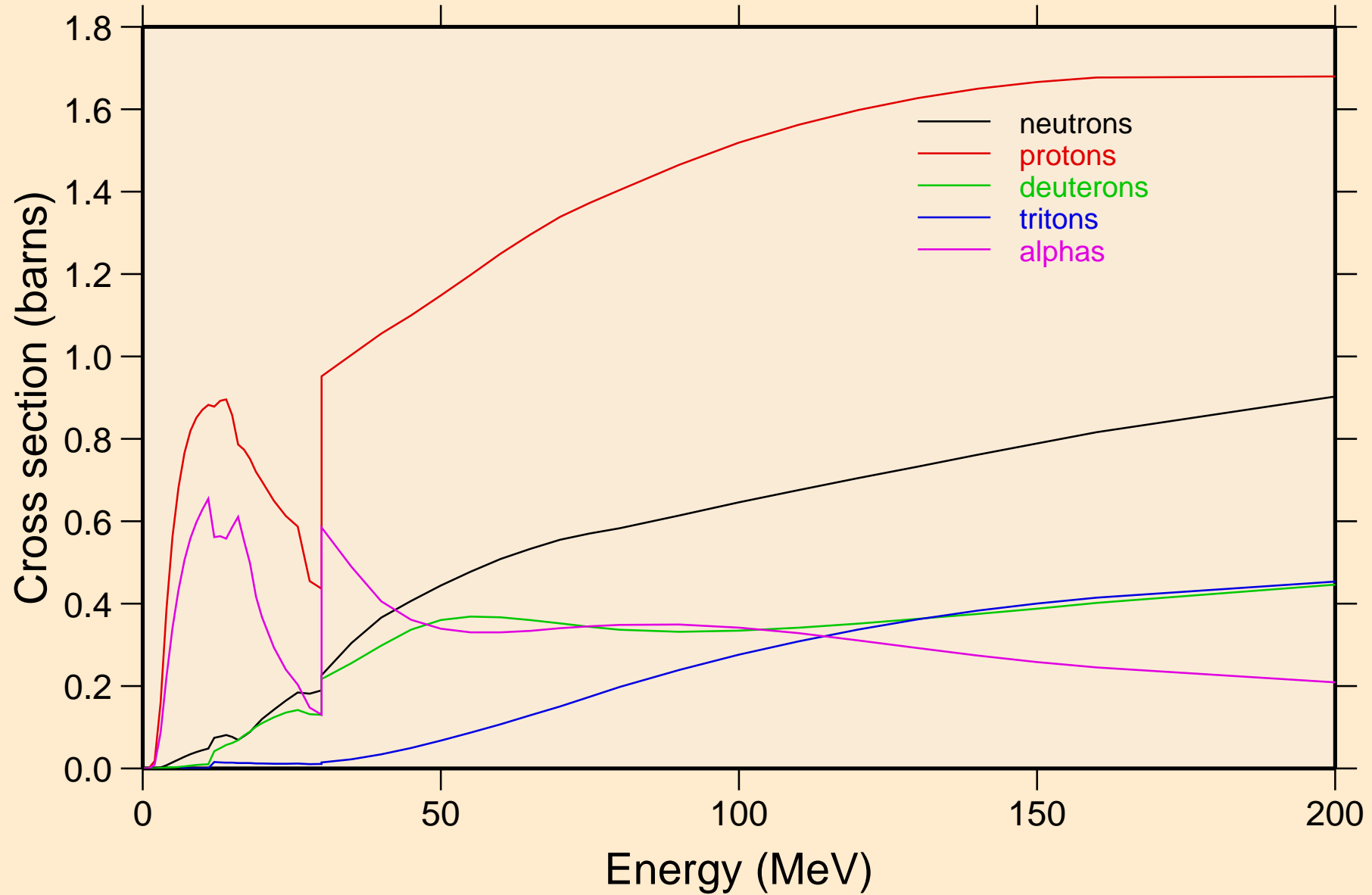




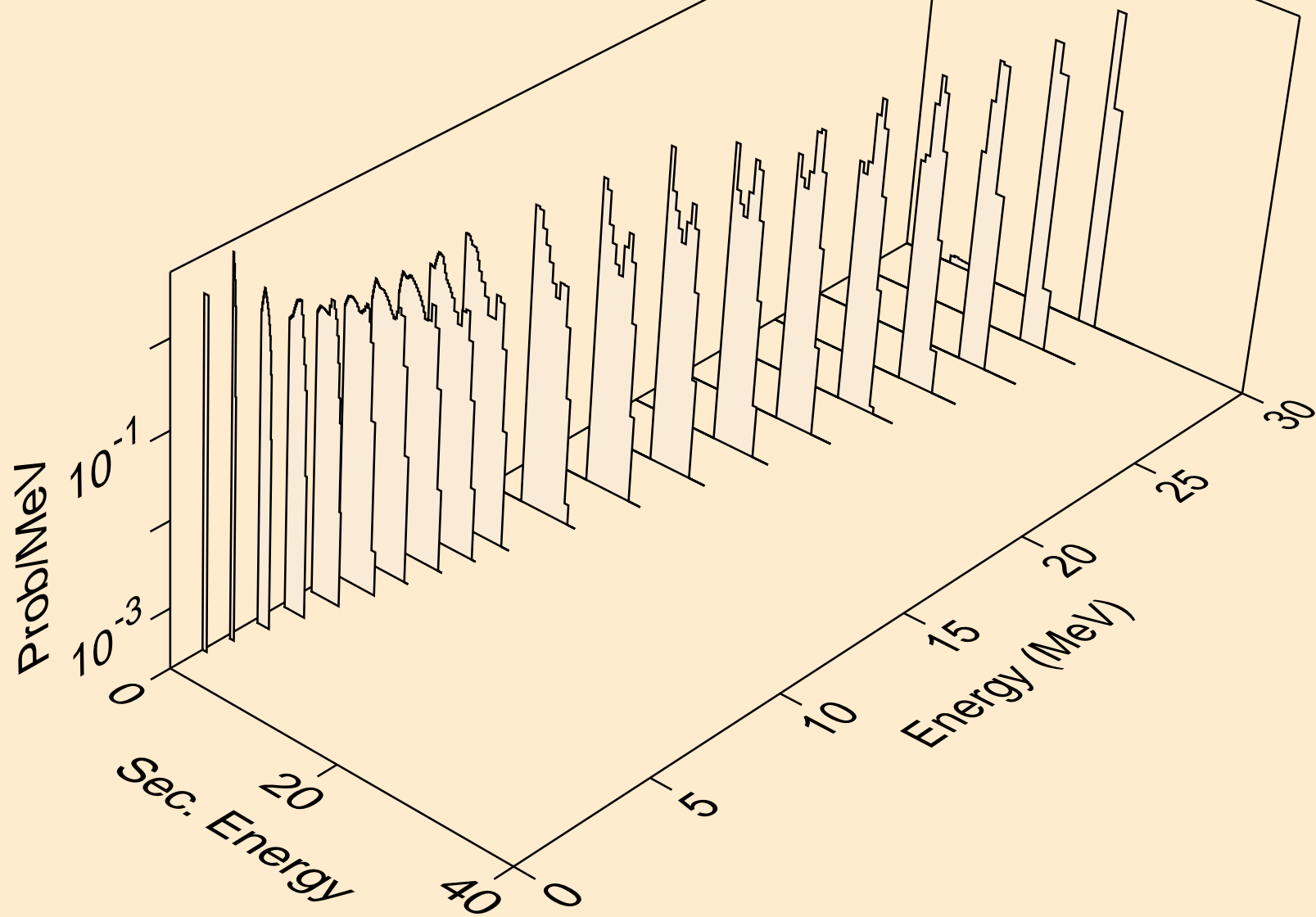
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Recoil Heating



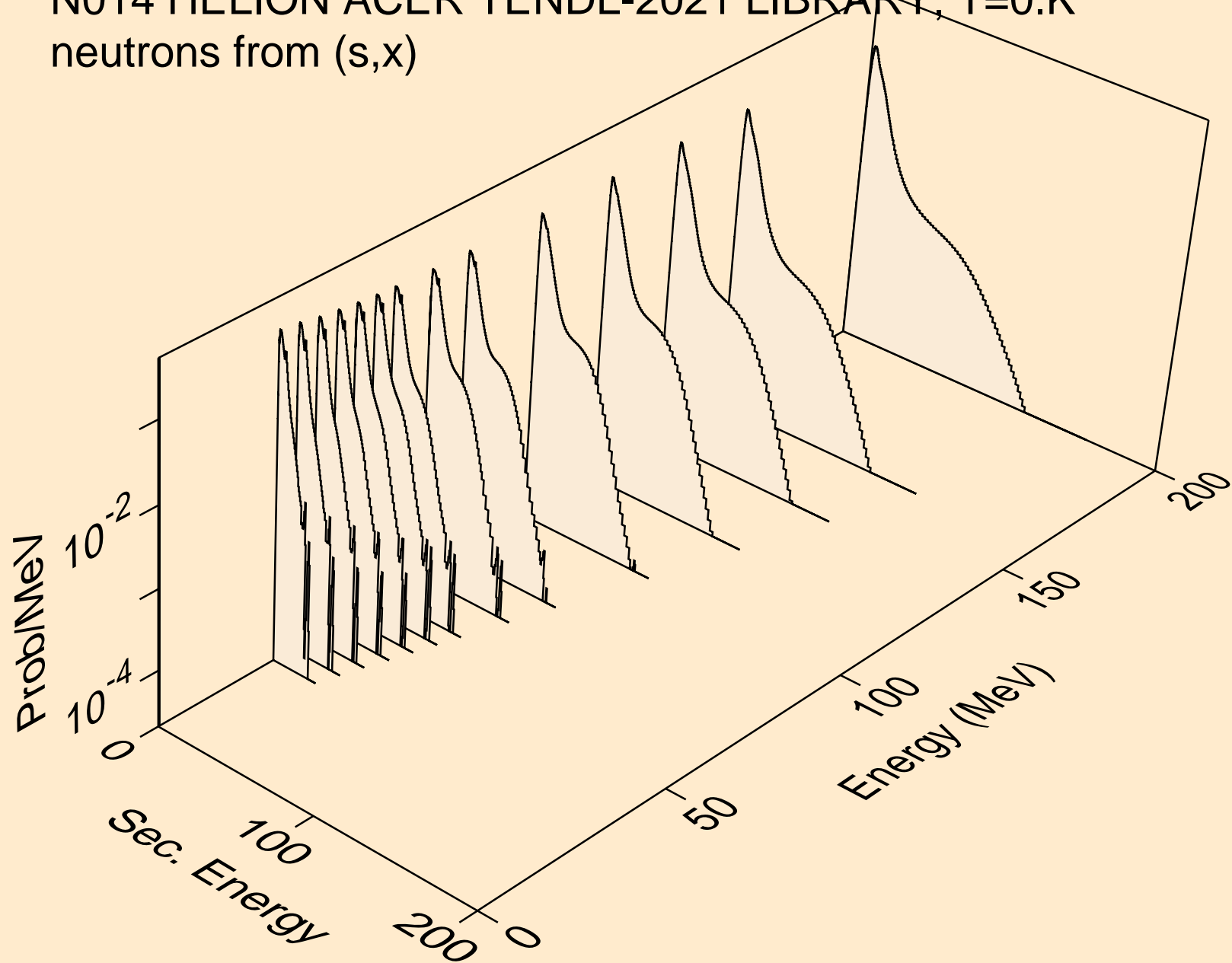
N014 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



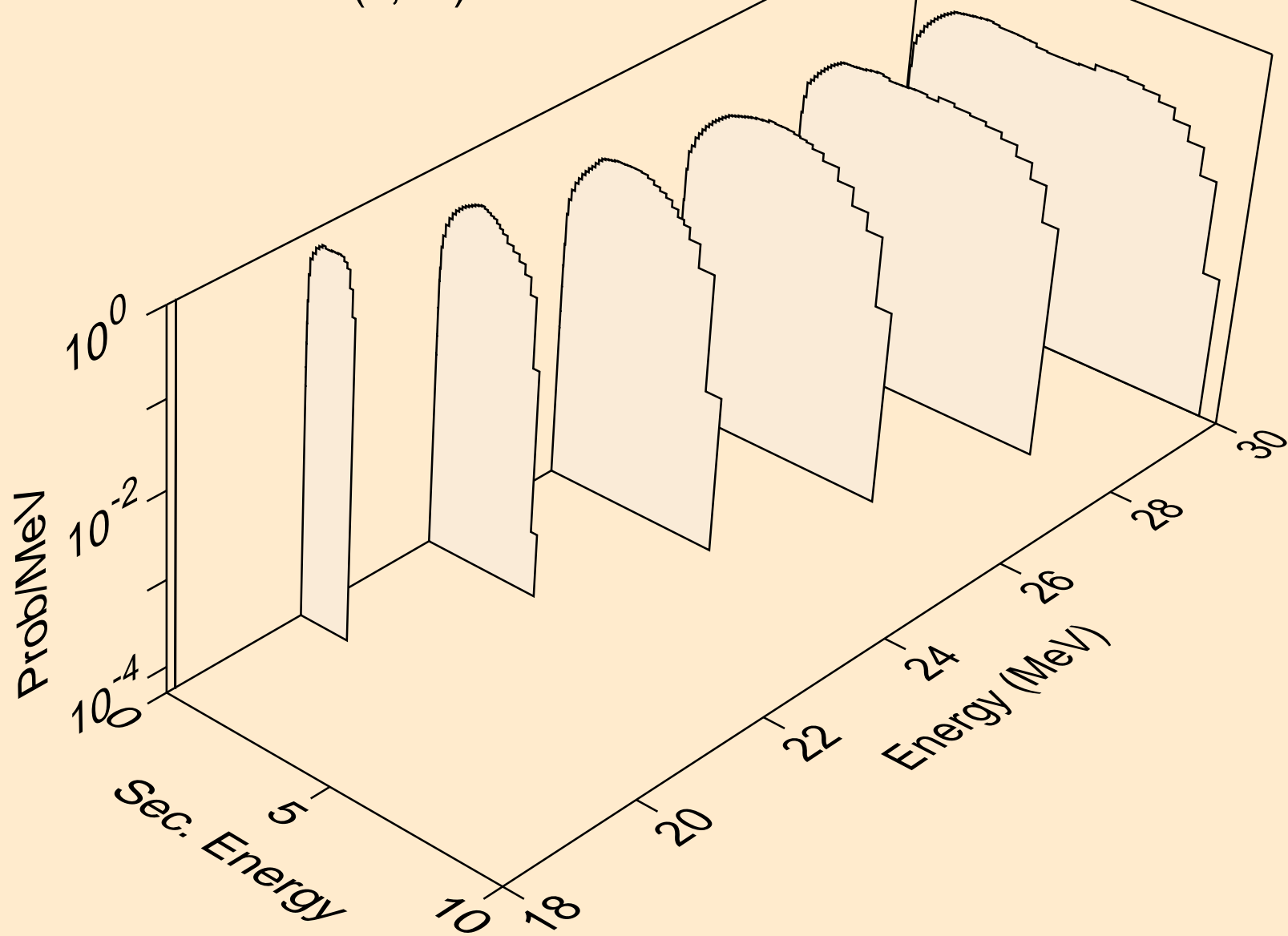
N014 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n)



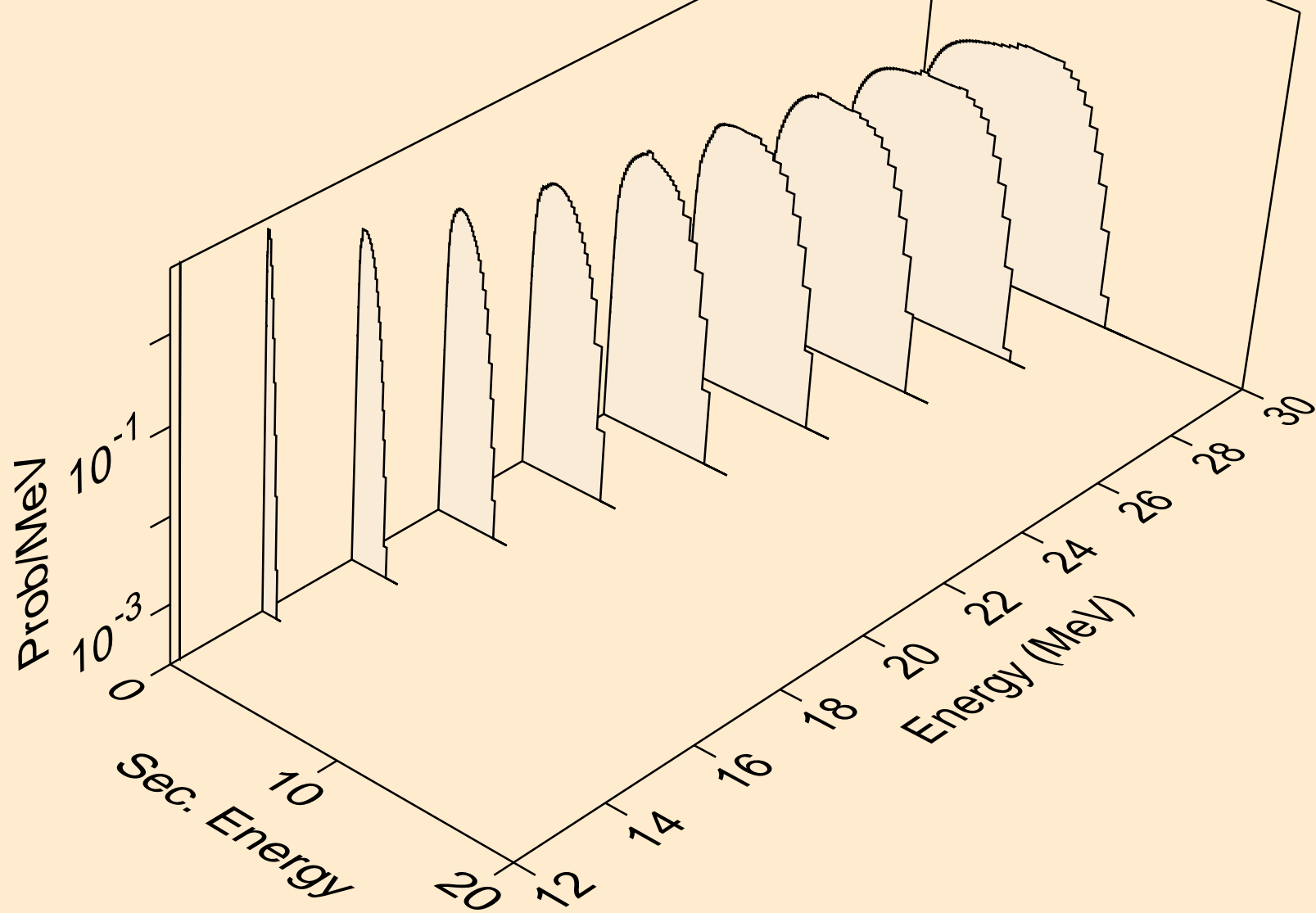
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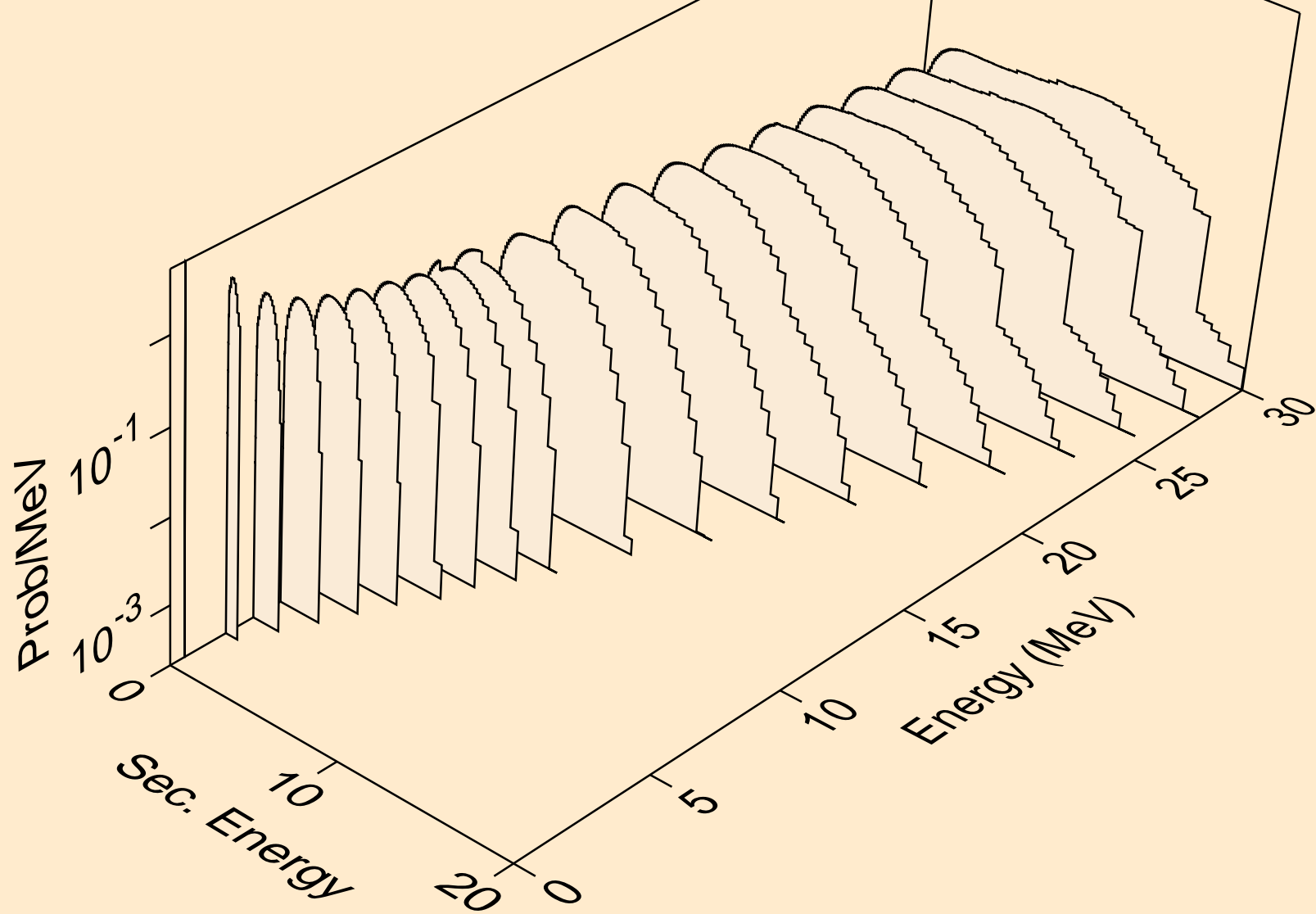
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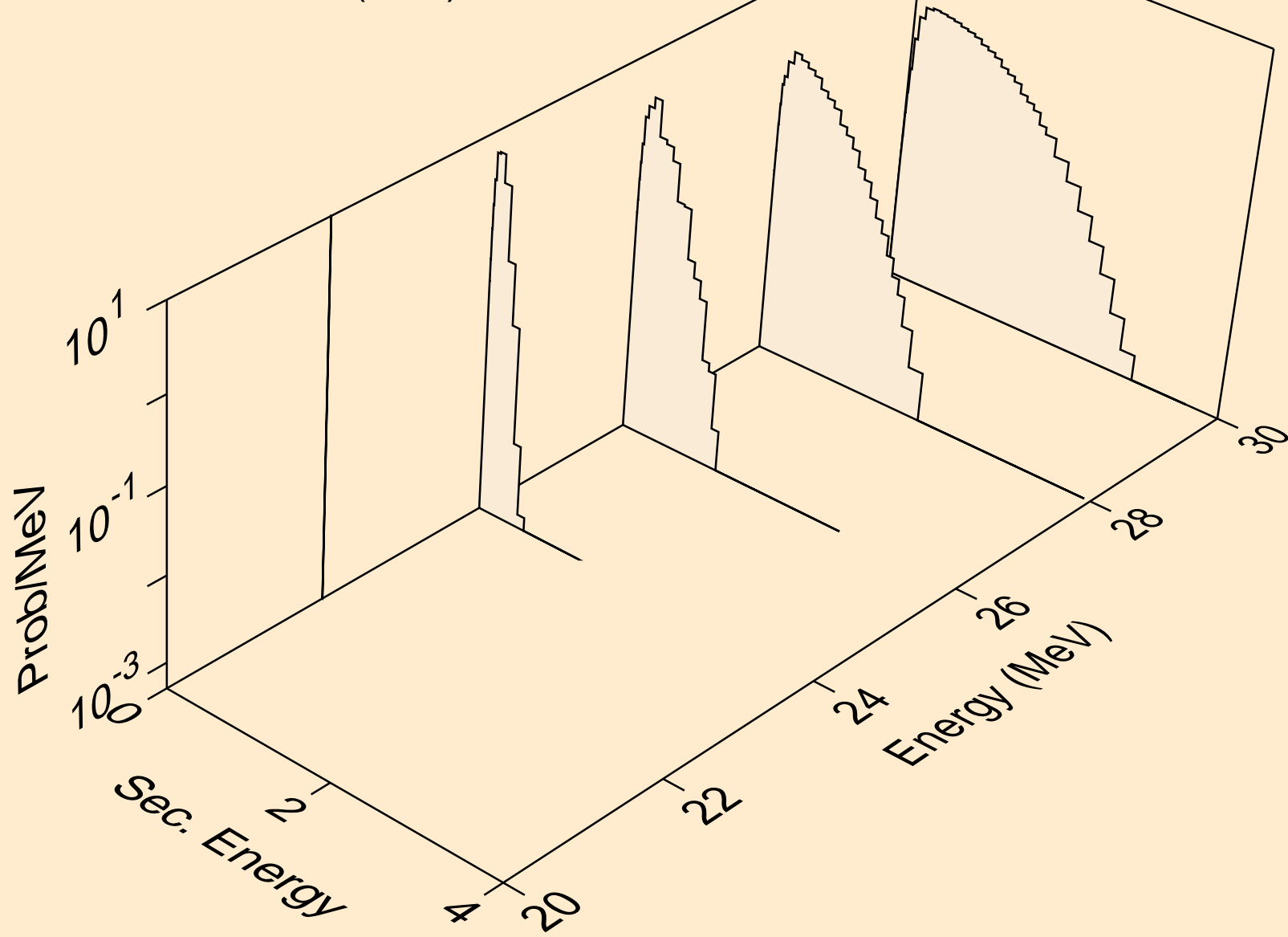
N014 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)a



N014 HELION ACER TENDL-2021 LIBRARY; T=0.K  
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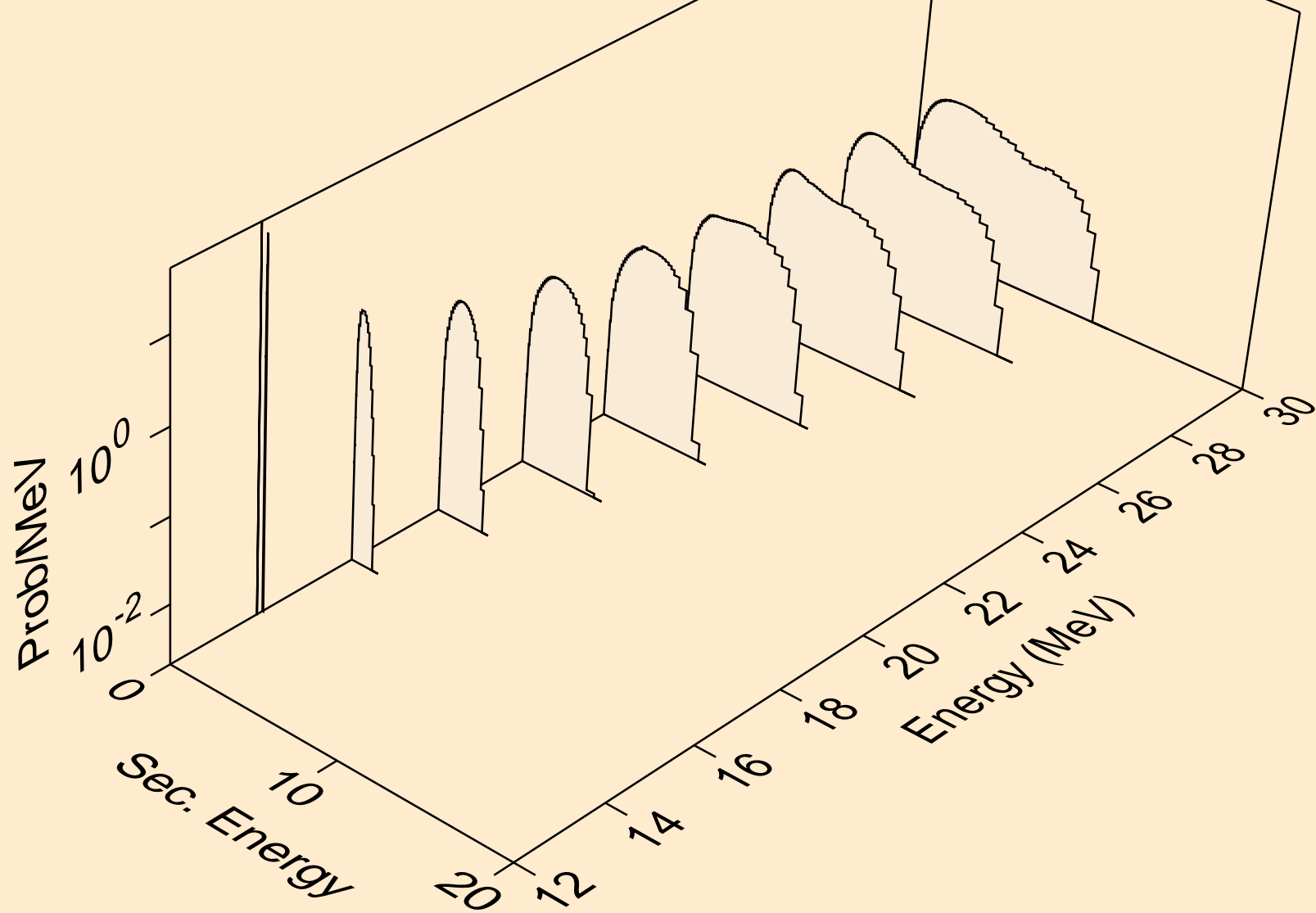


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neutrons from (s,n\*)2a

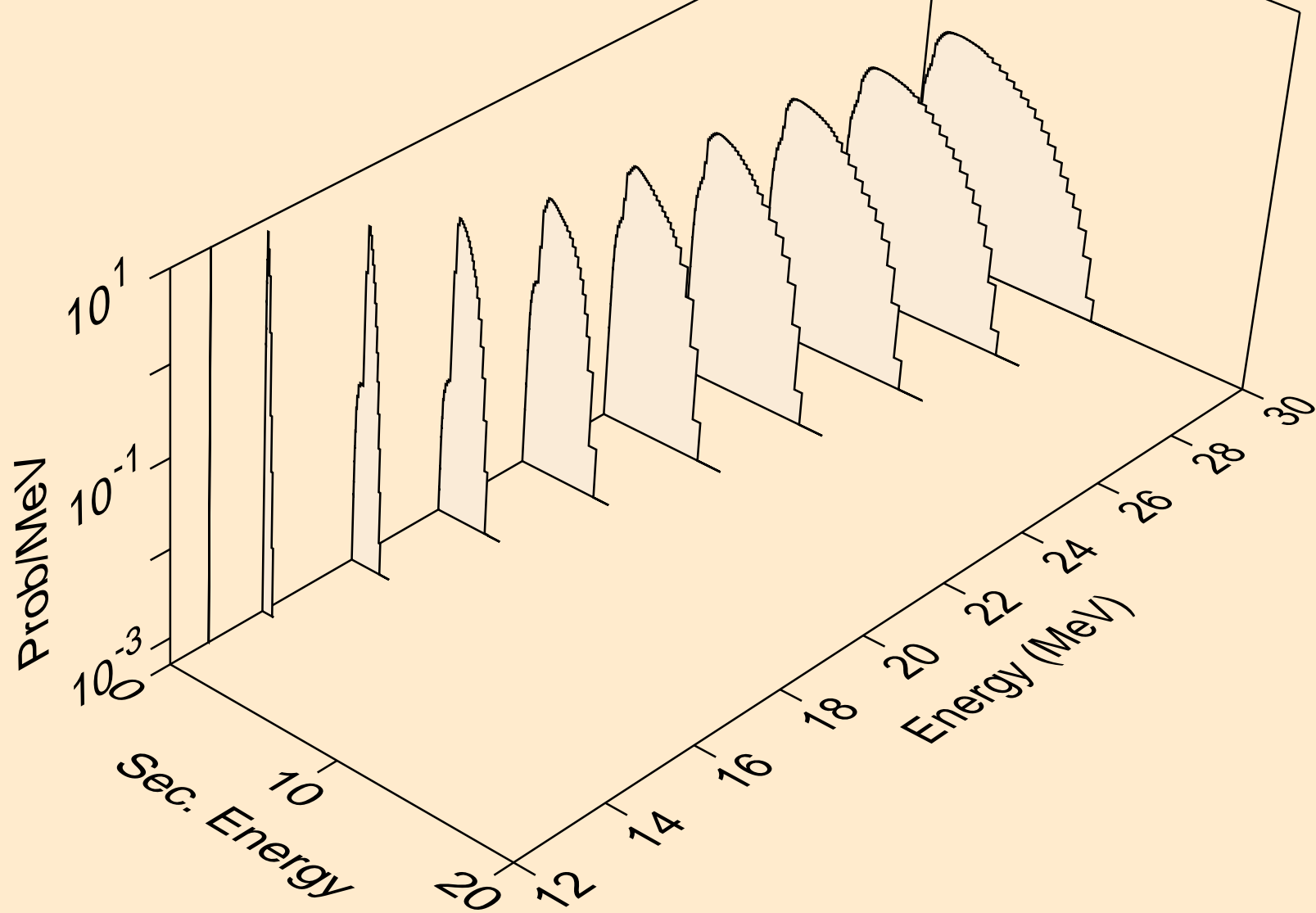




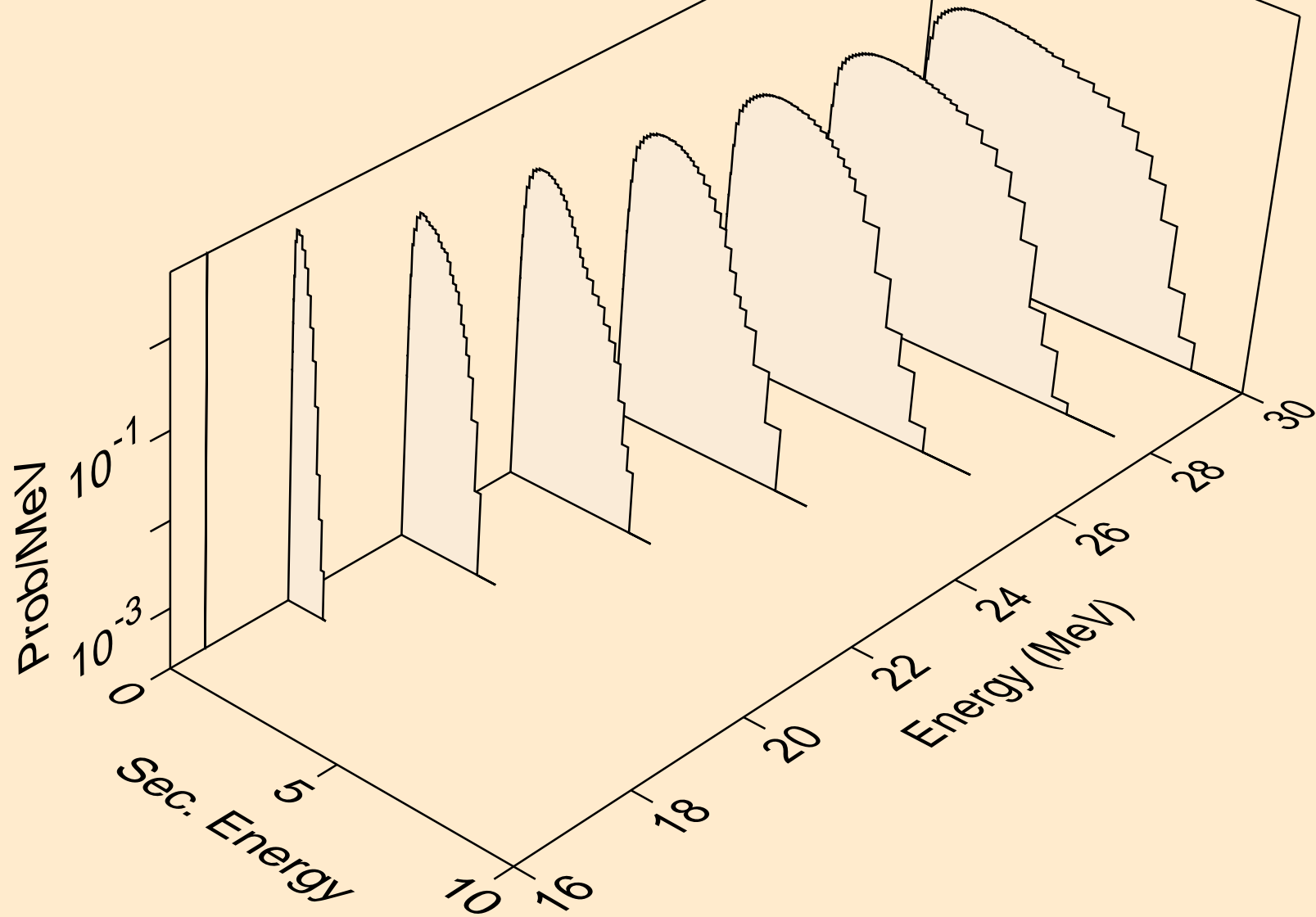
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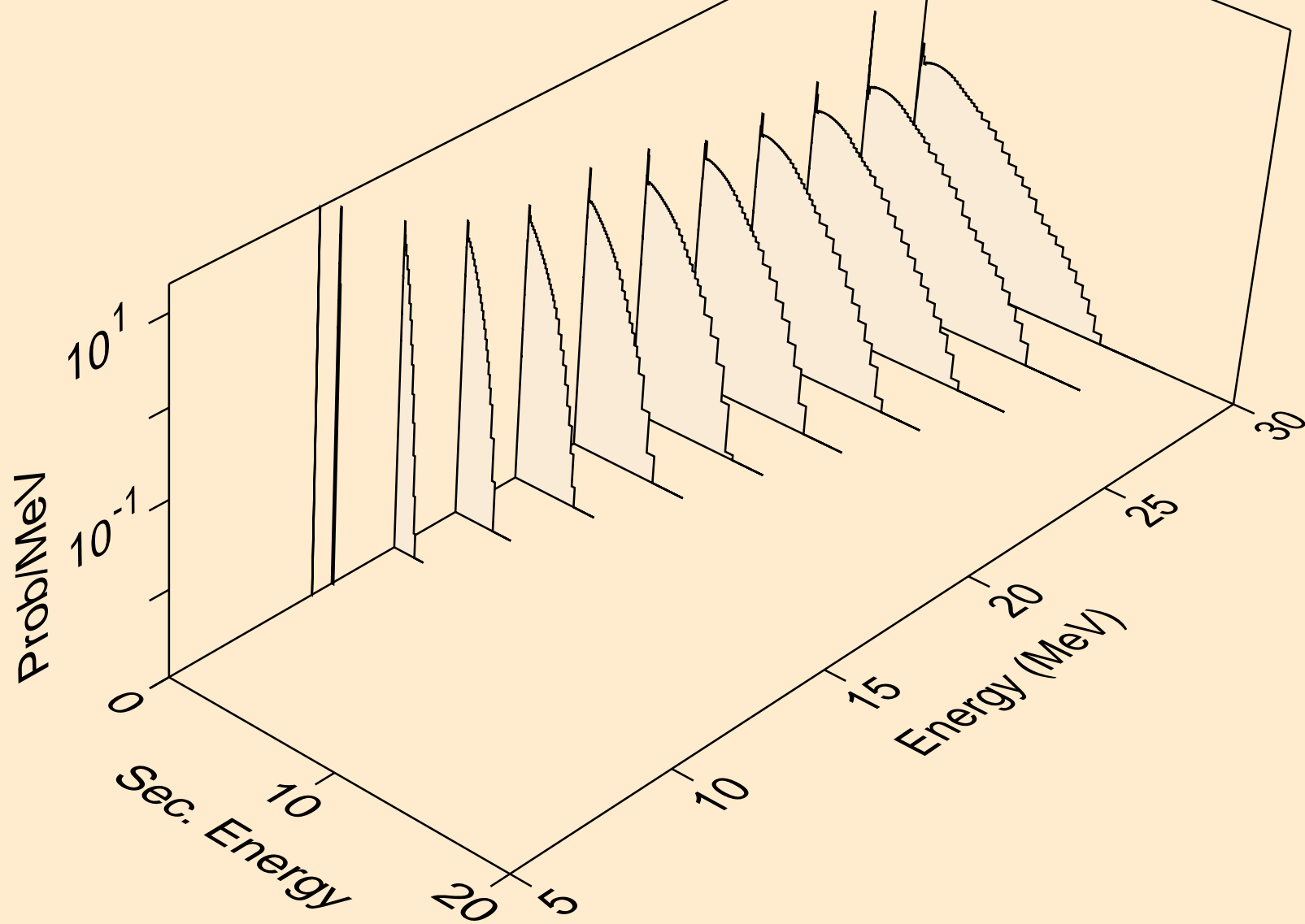
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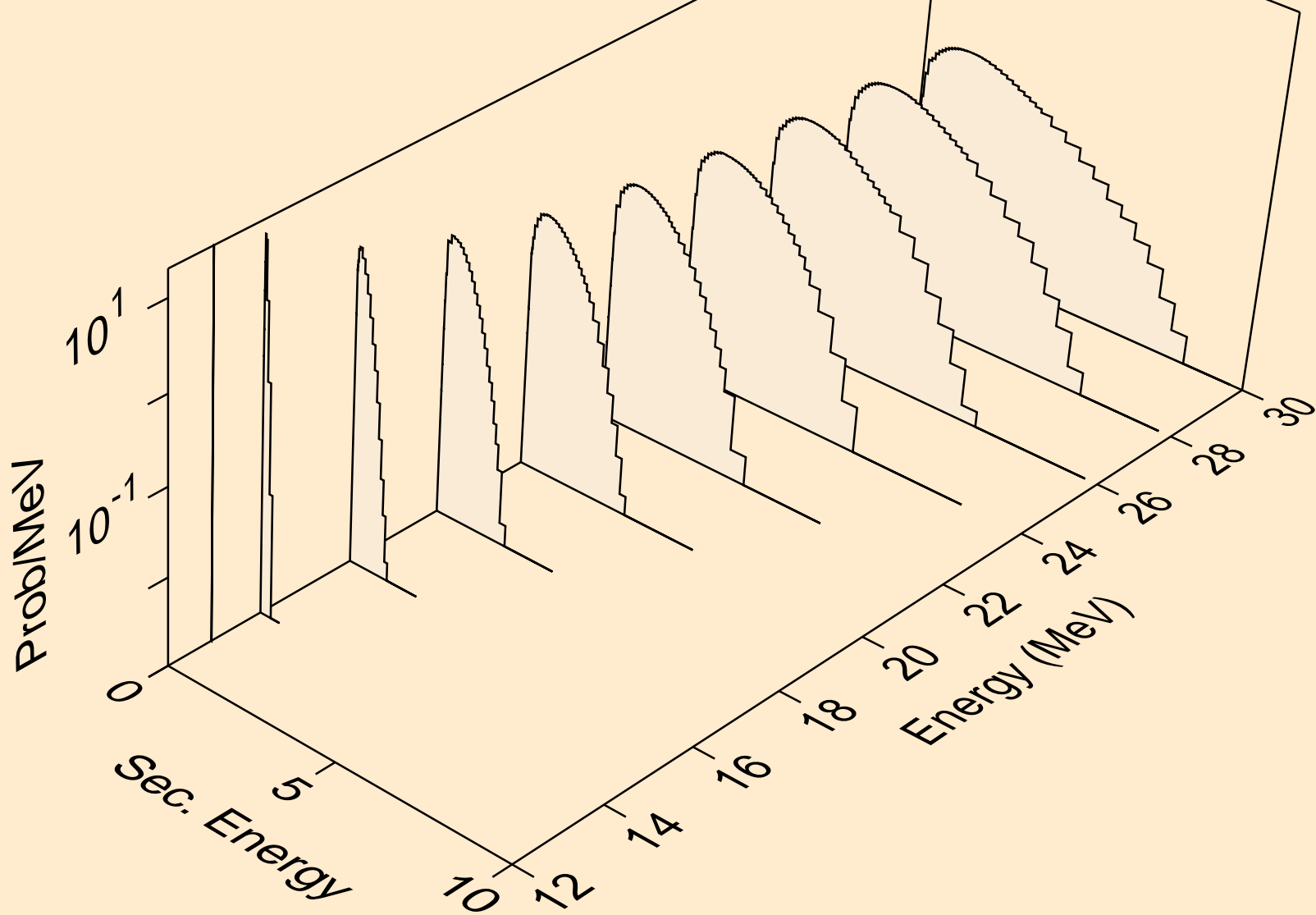
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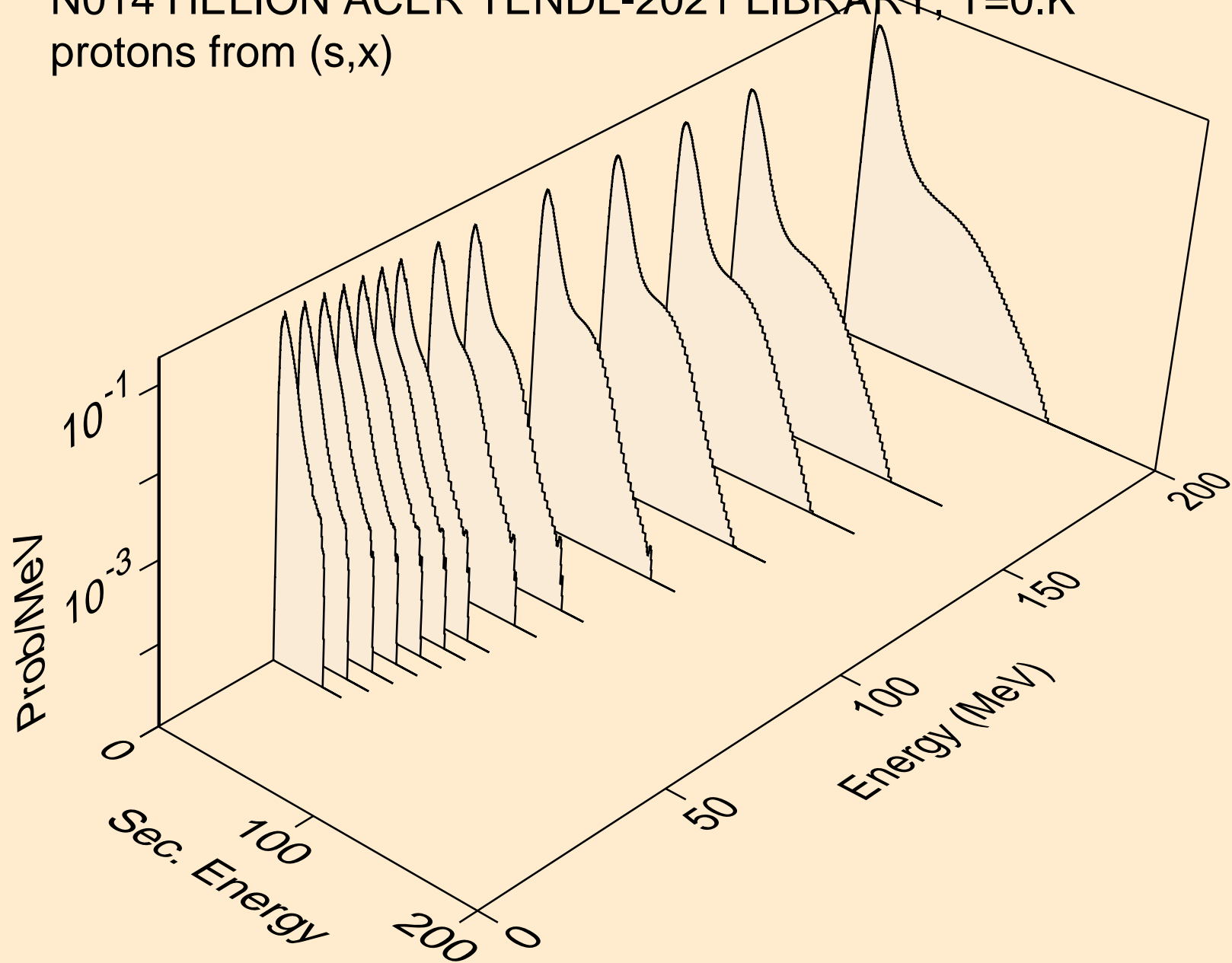
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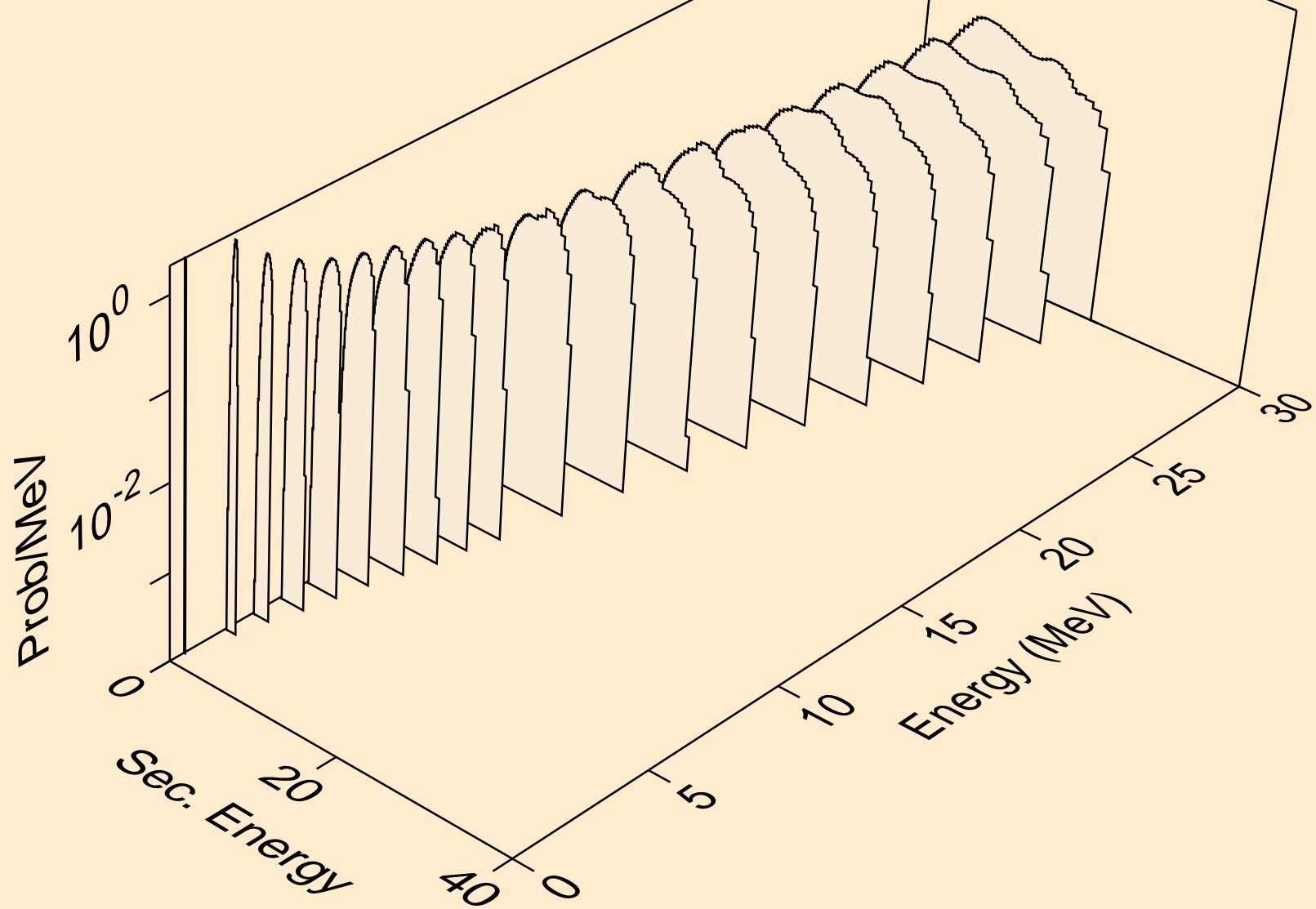
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neutrons from (s,npa)



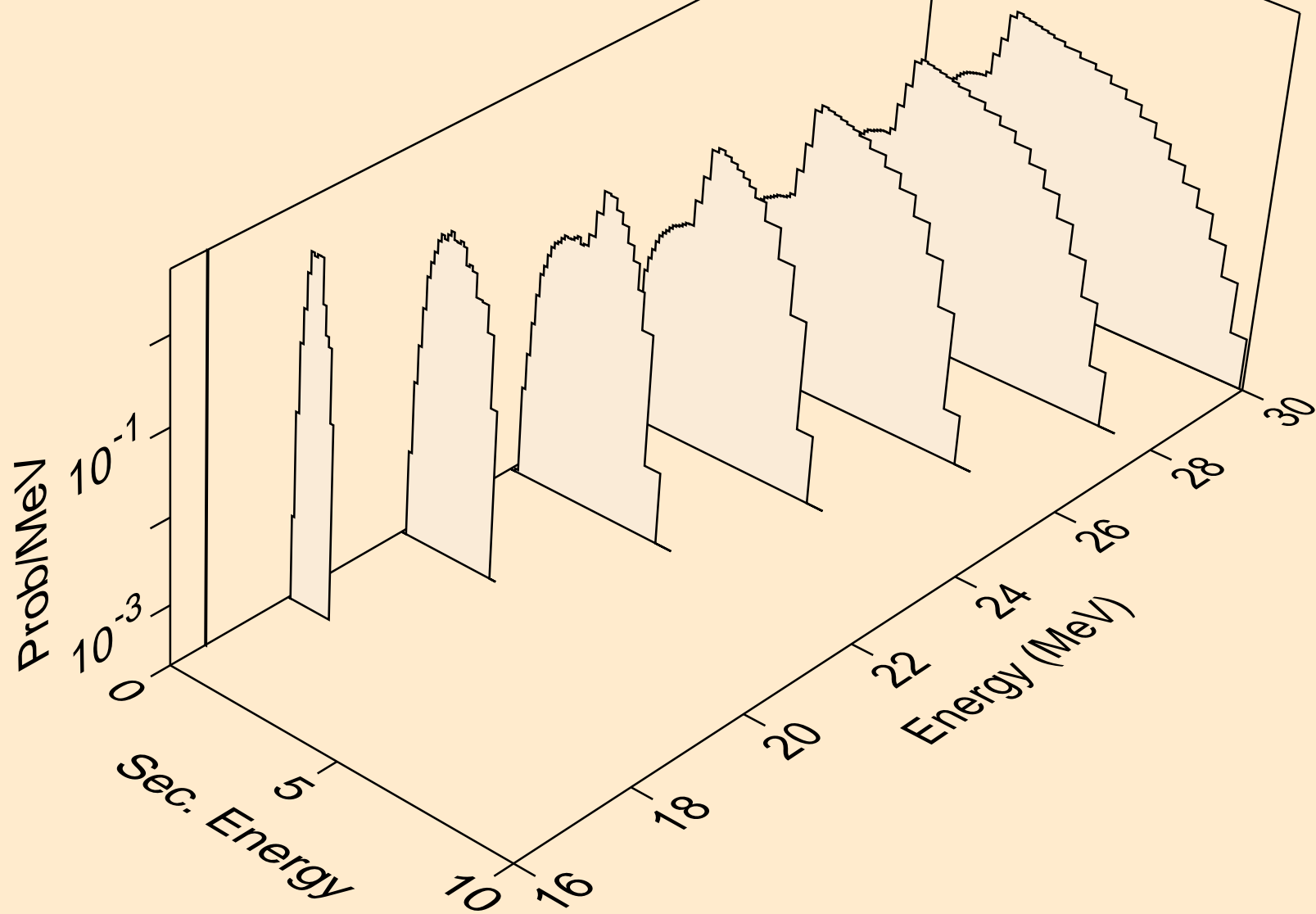
N014 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,x)



N014 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,n\*)p

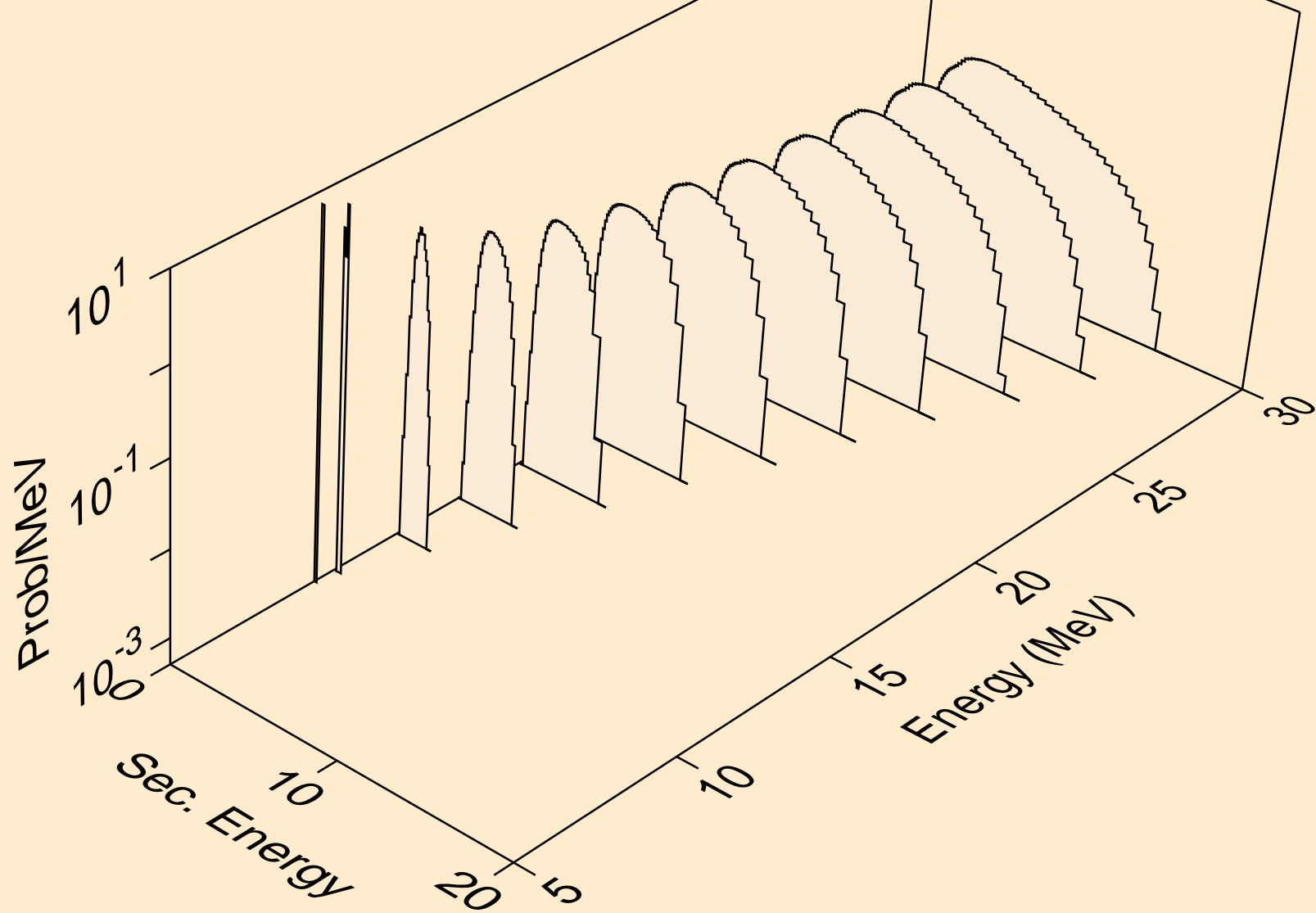


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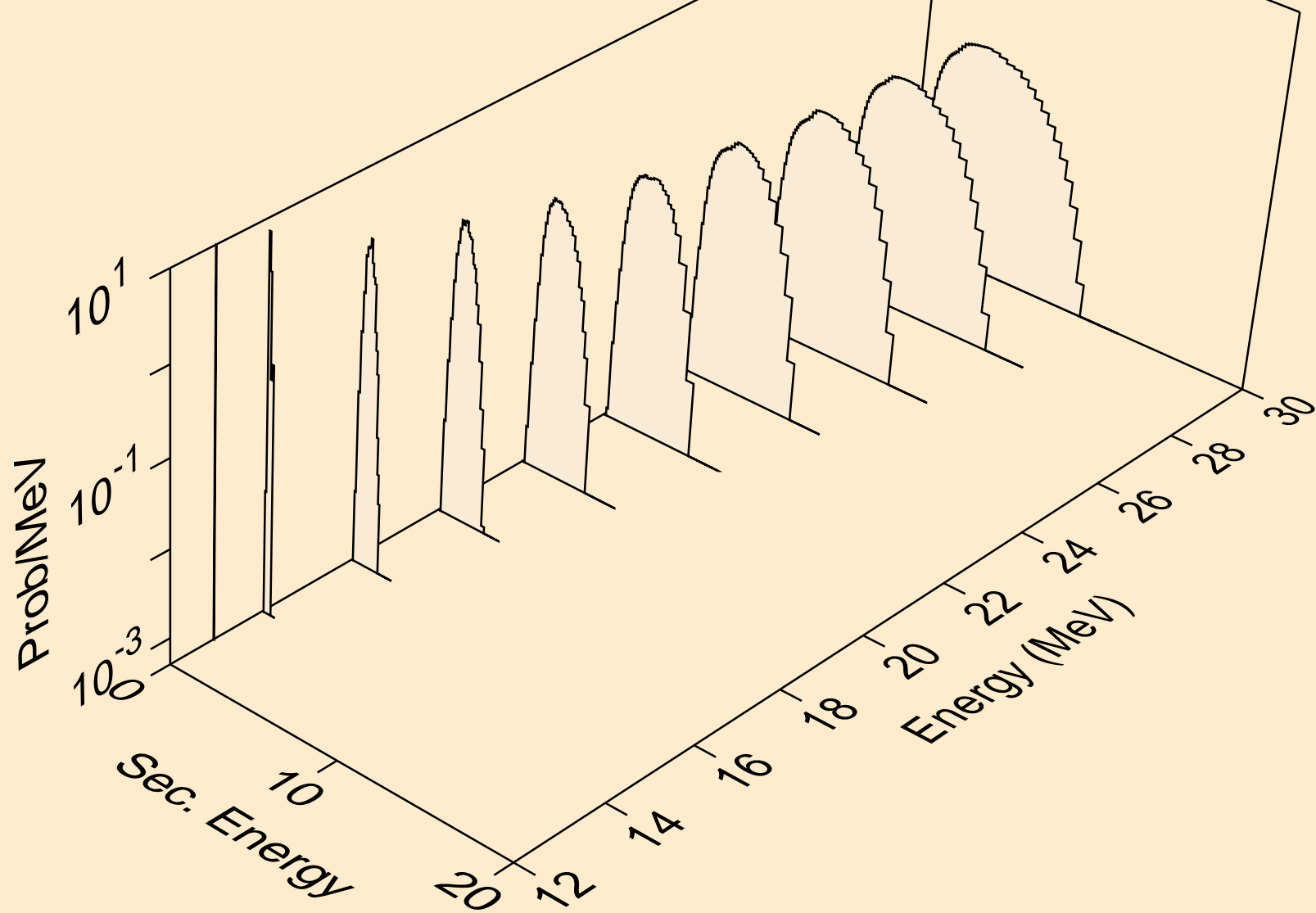




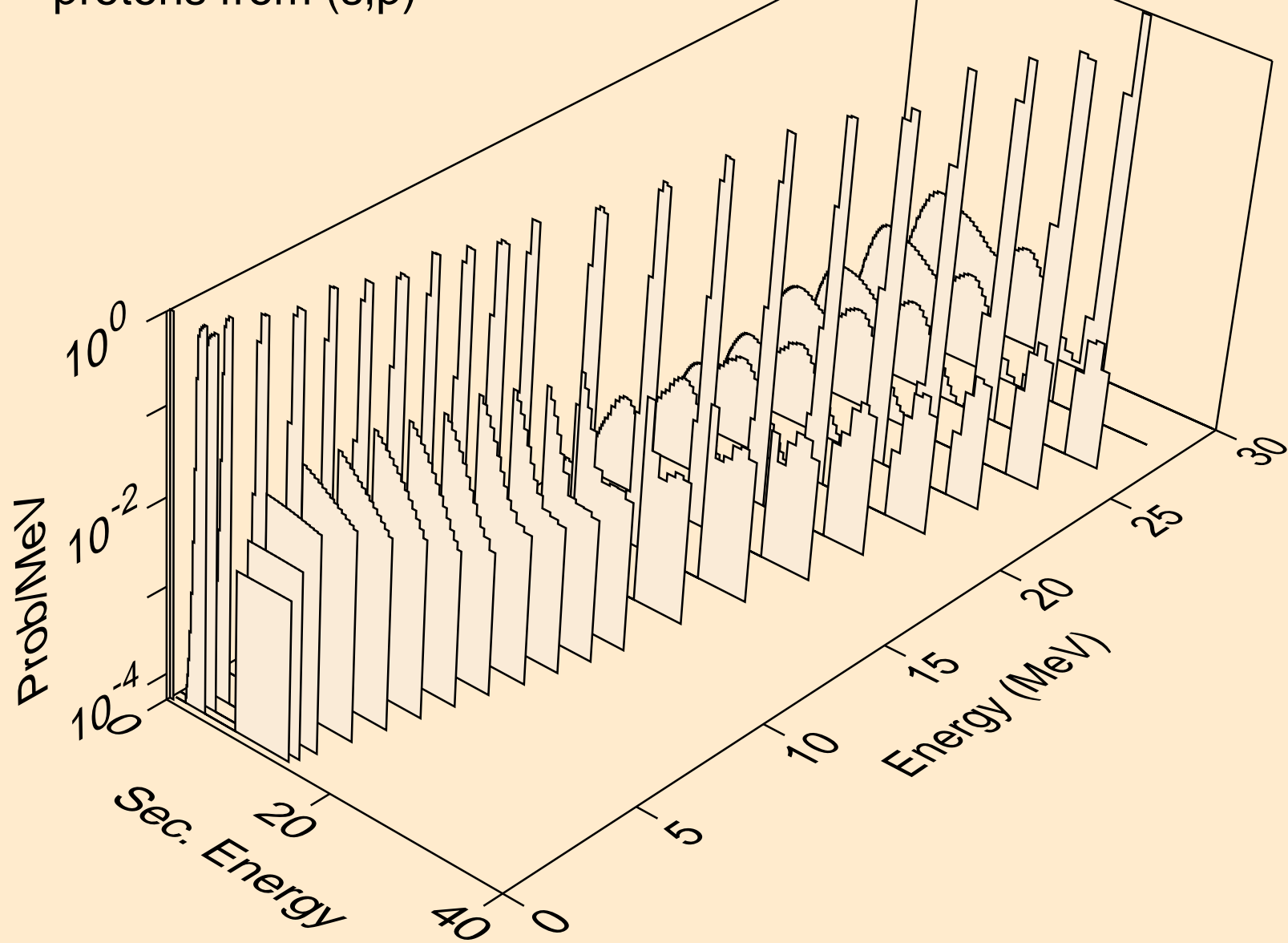
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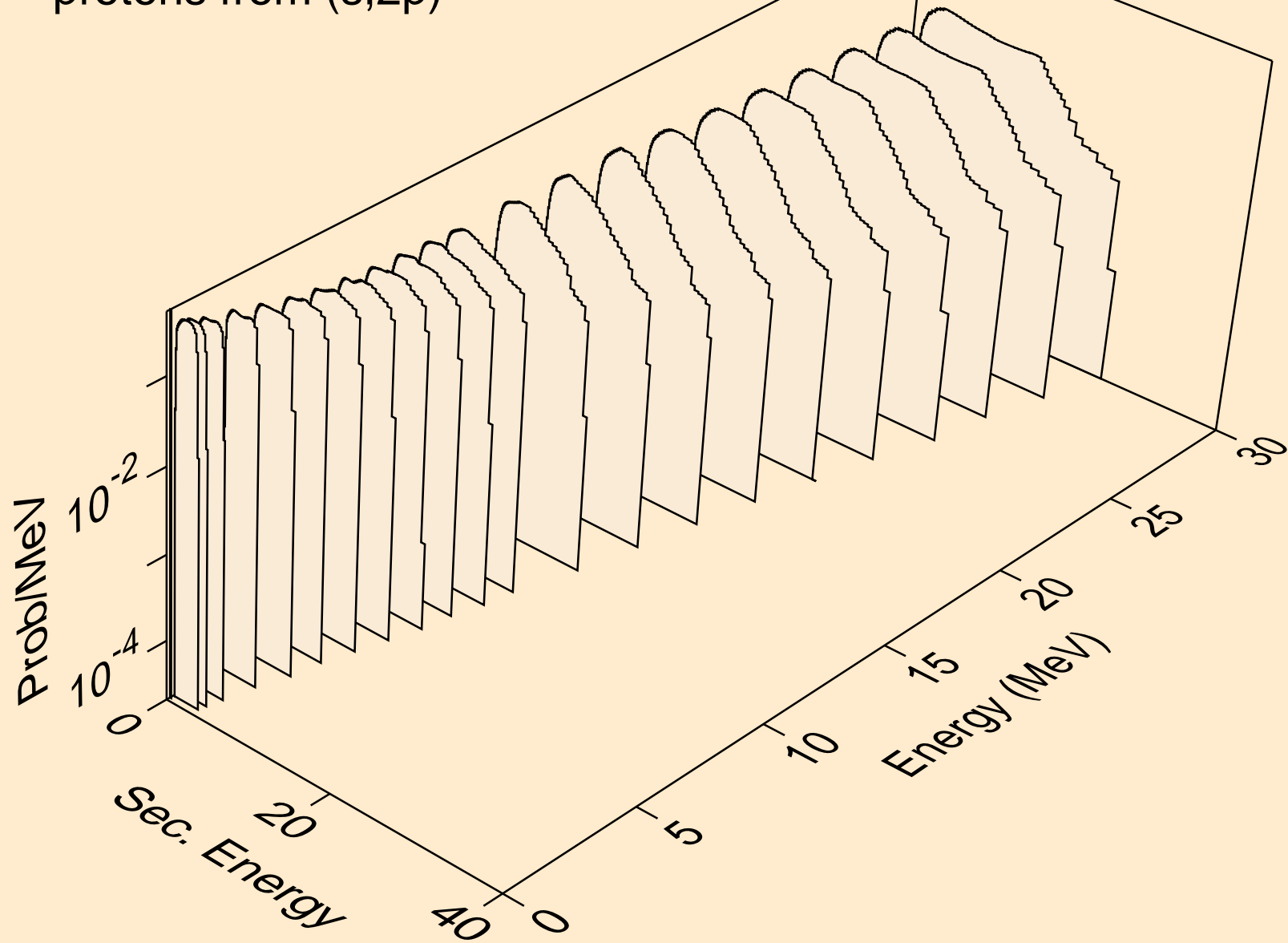
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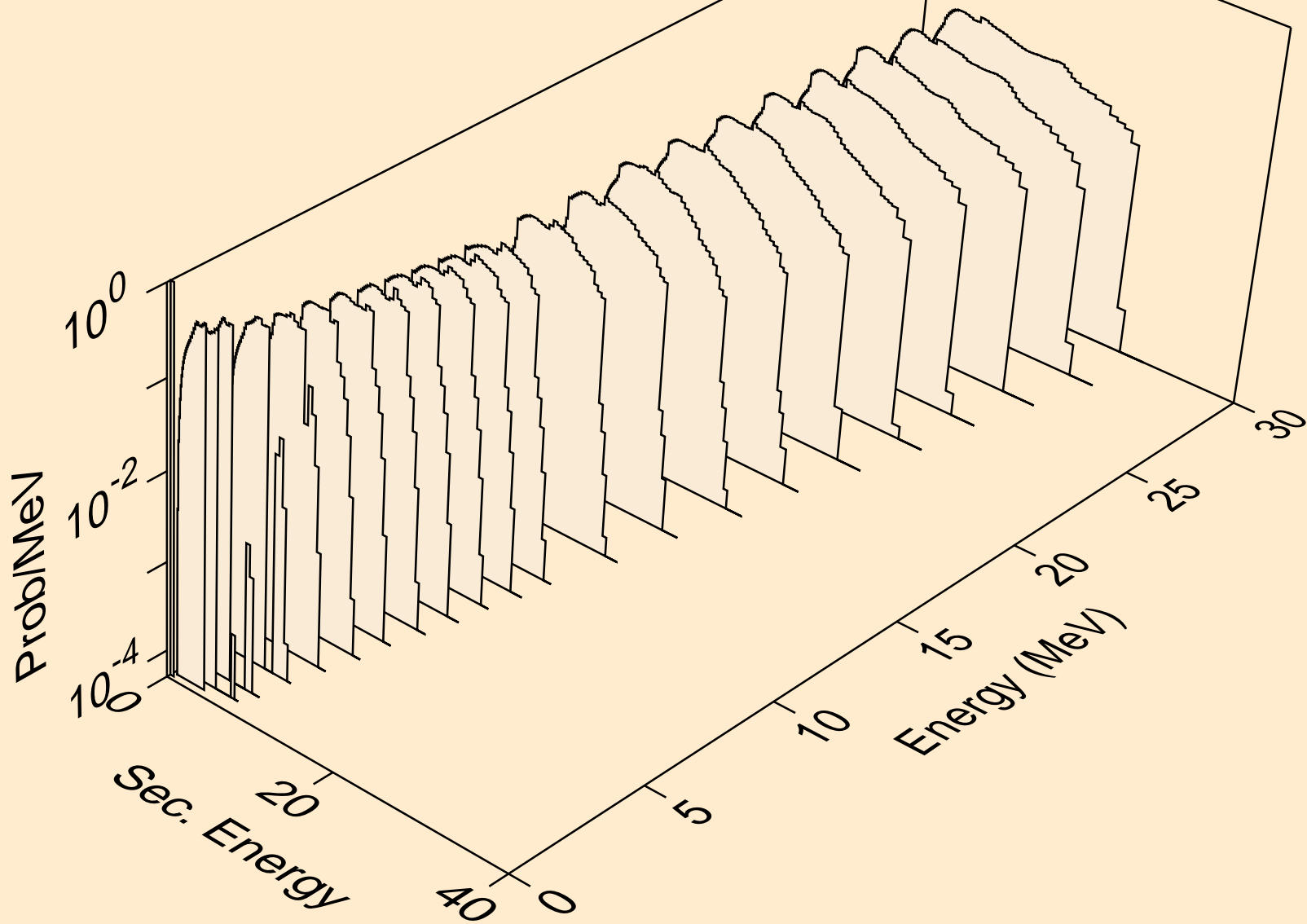
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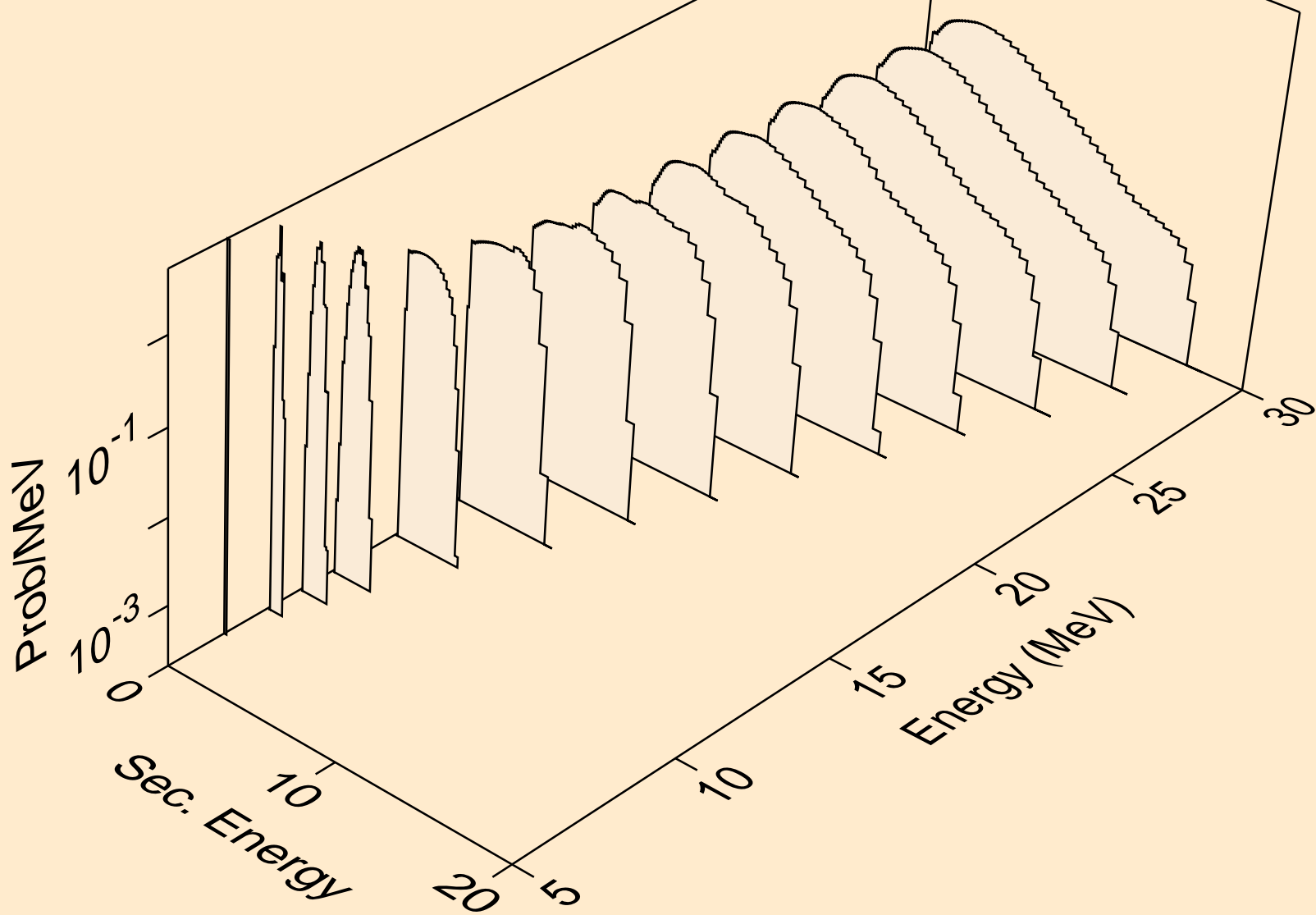
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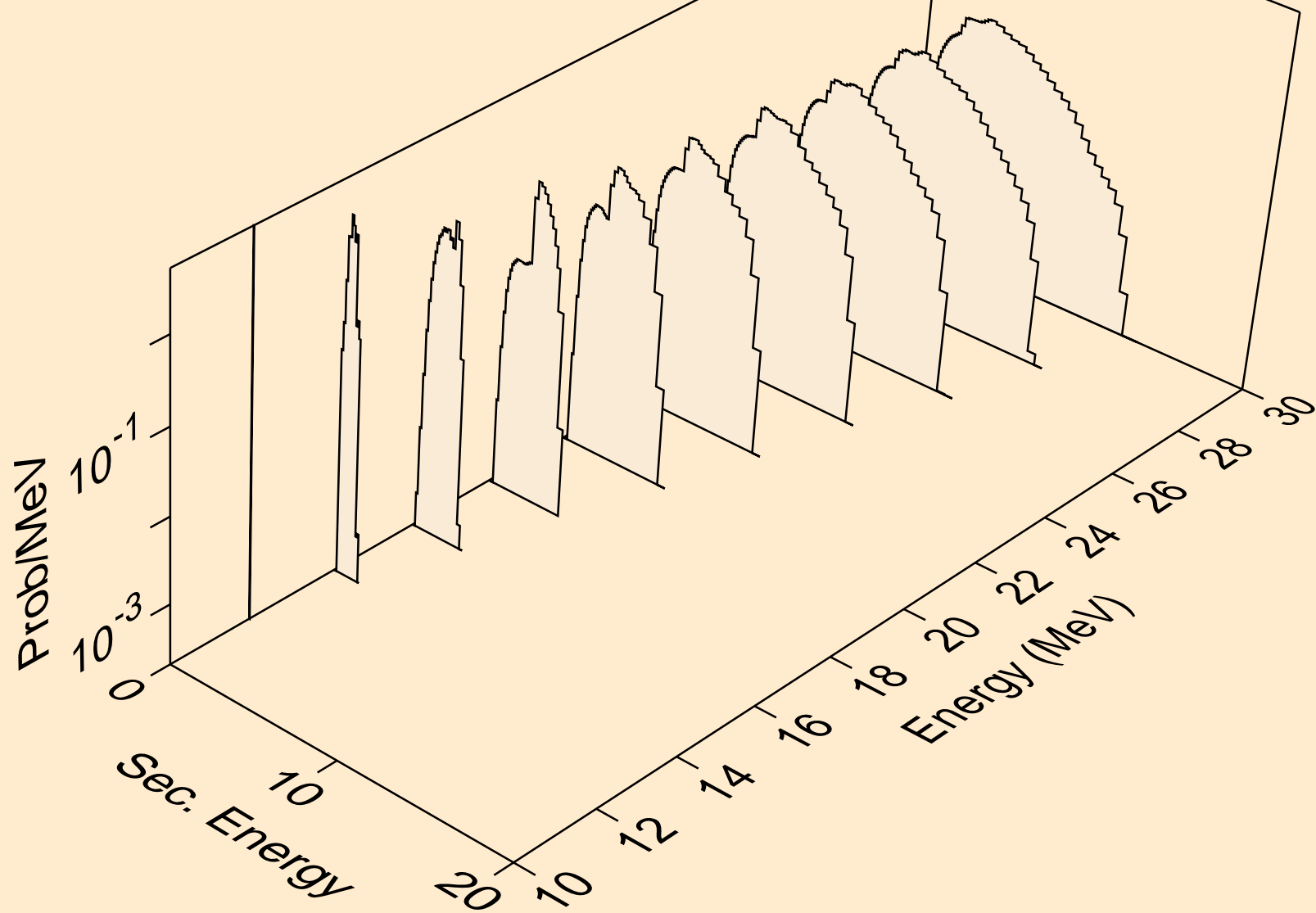
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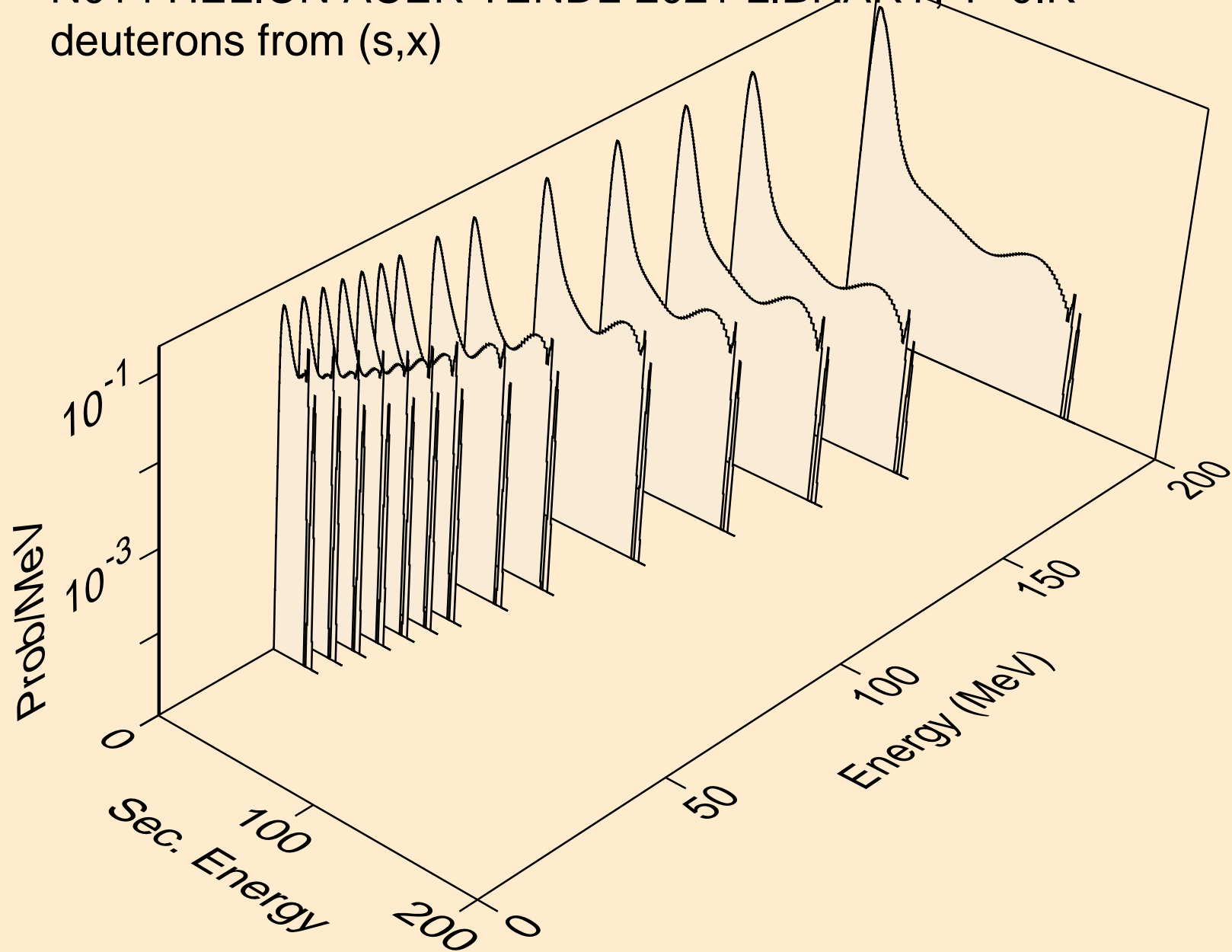
N014 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pd)



N014 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pt)

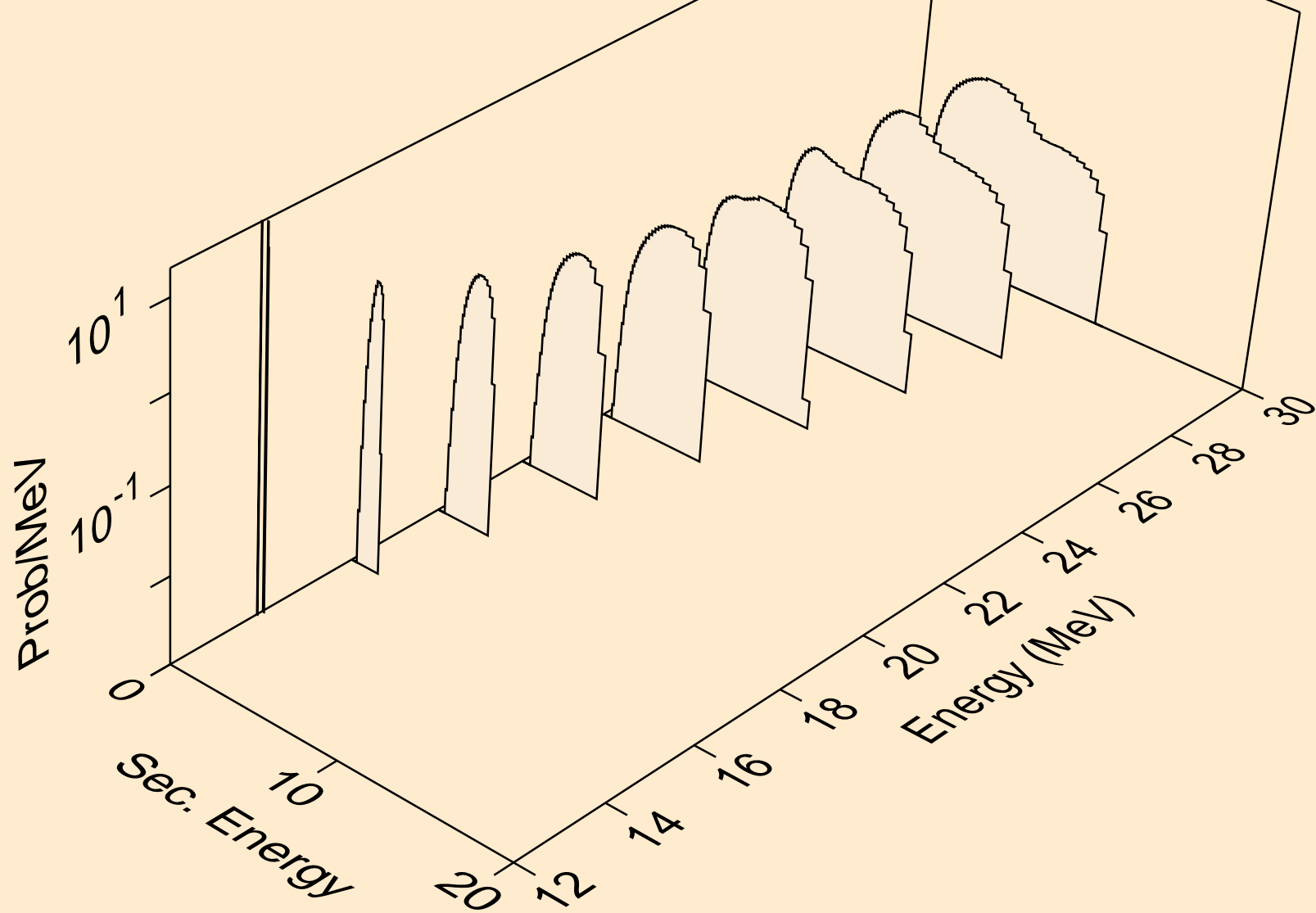


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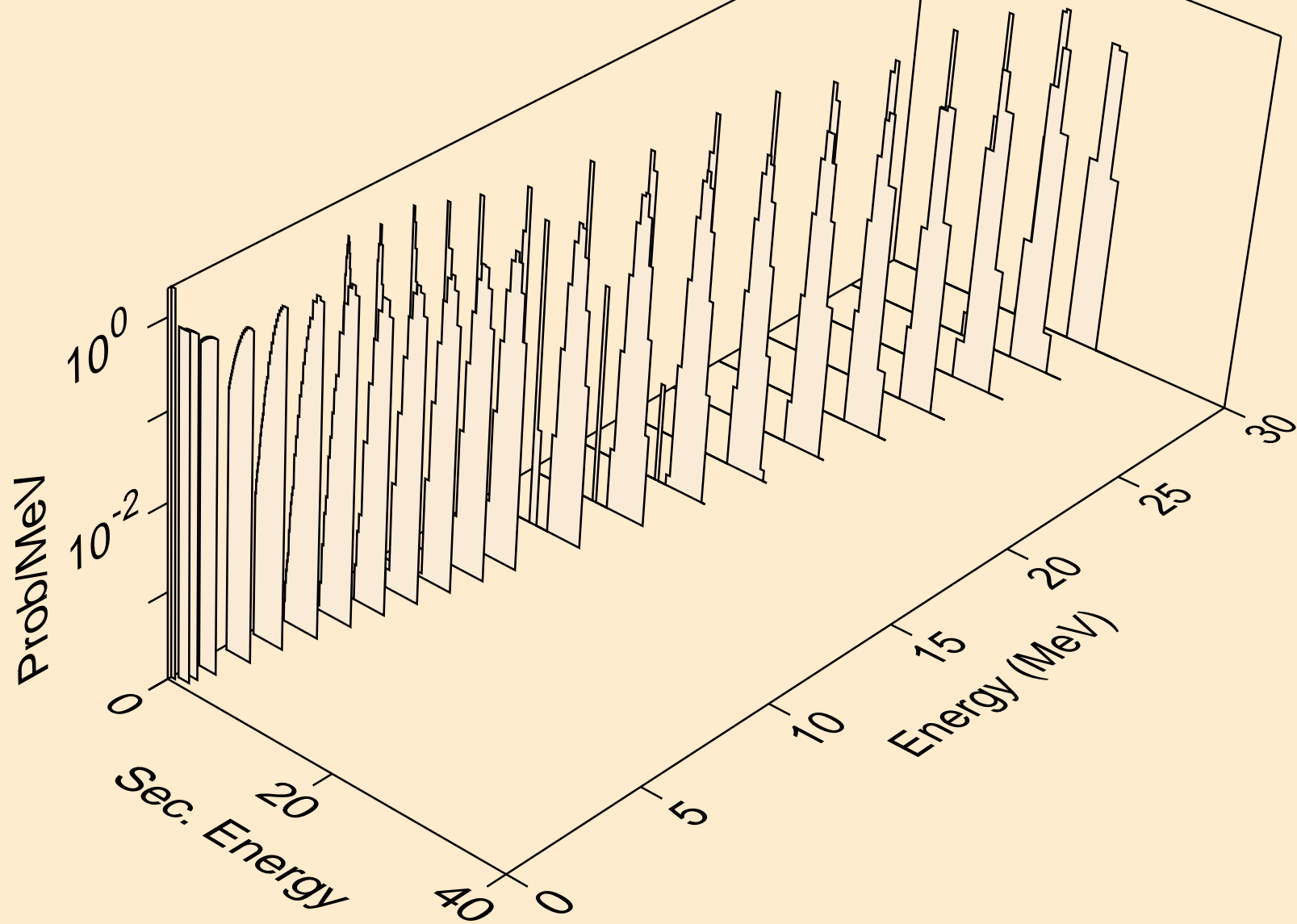




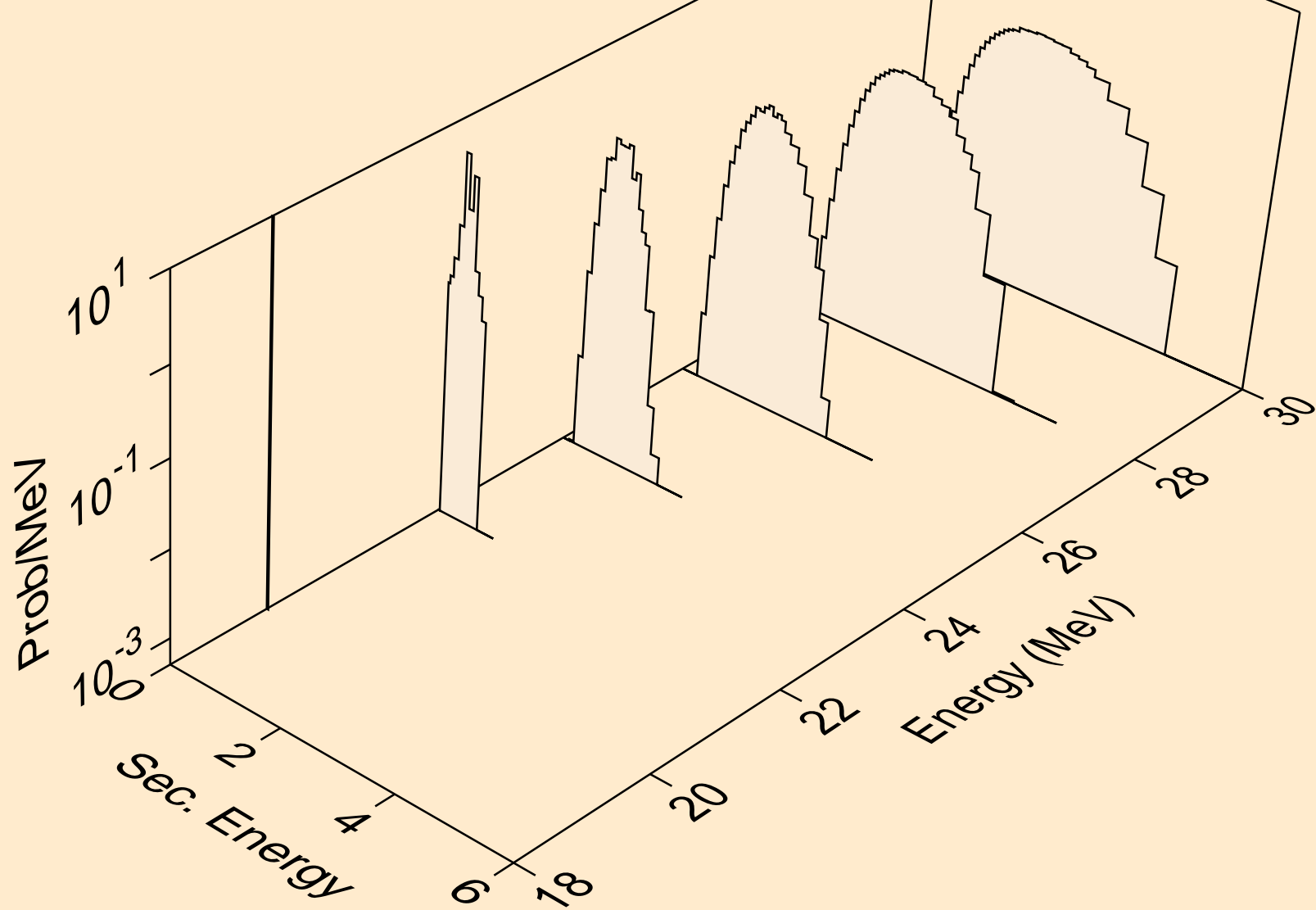
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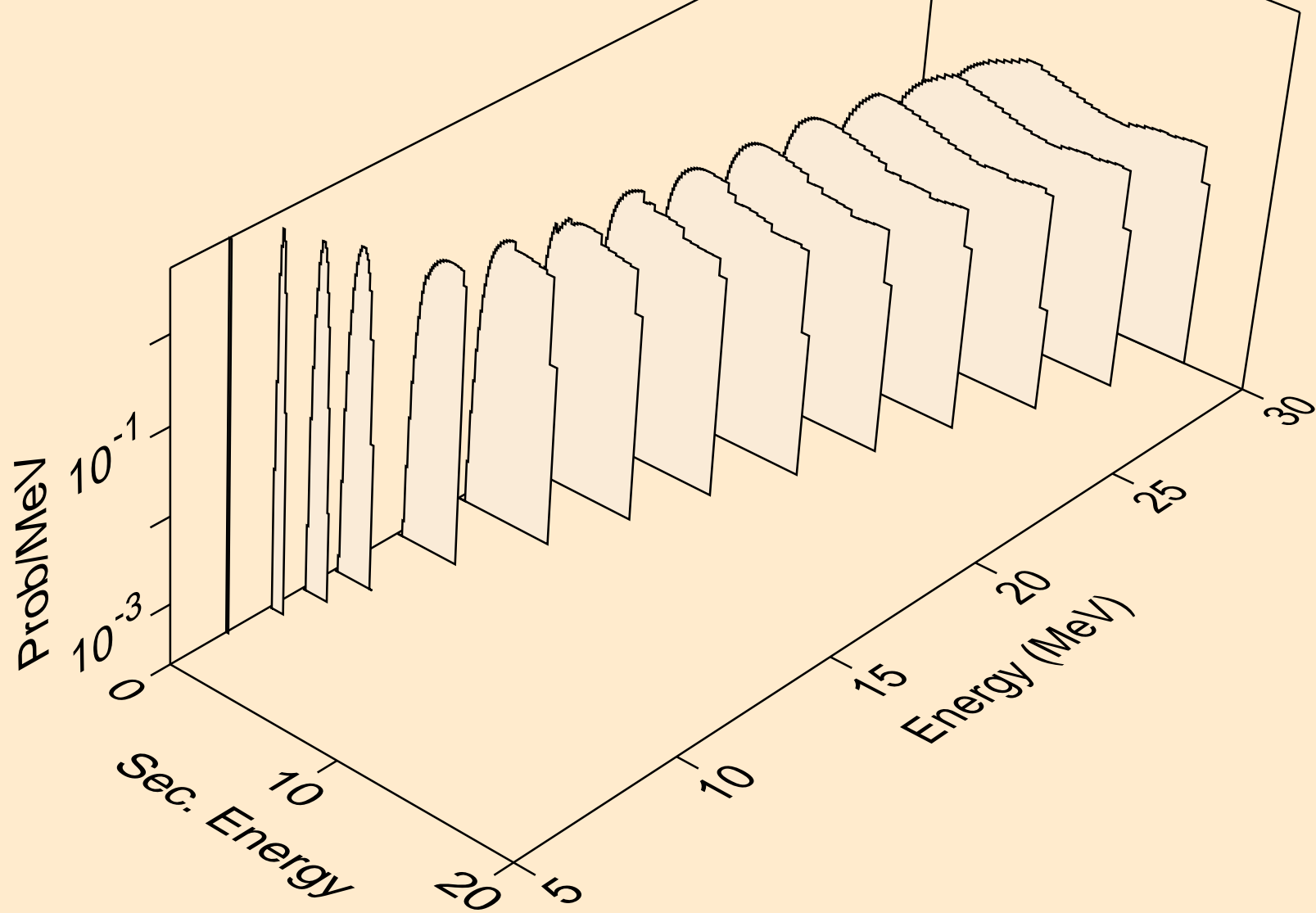
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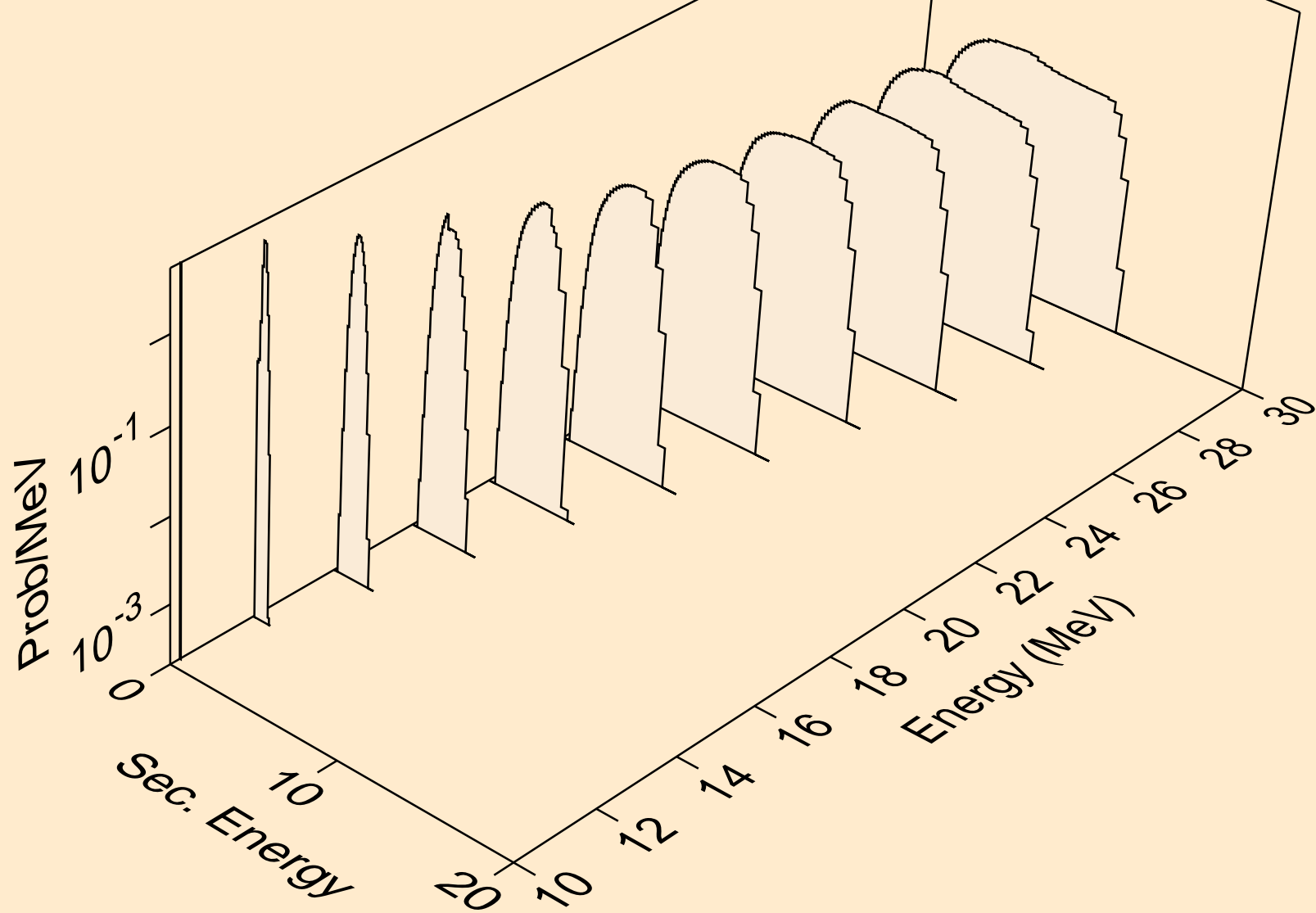
N014 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,d2a)



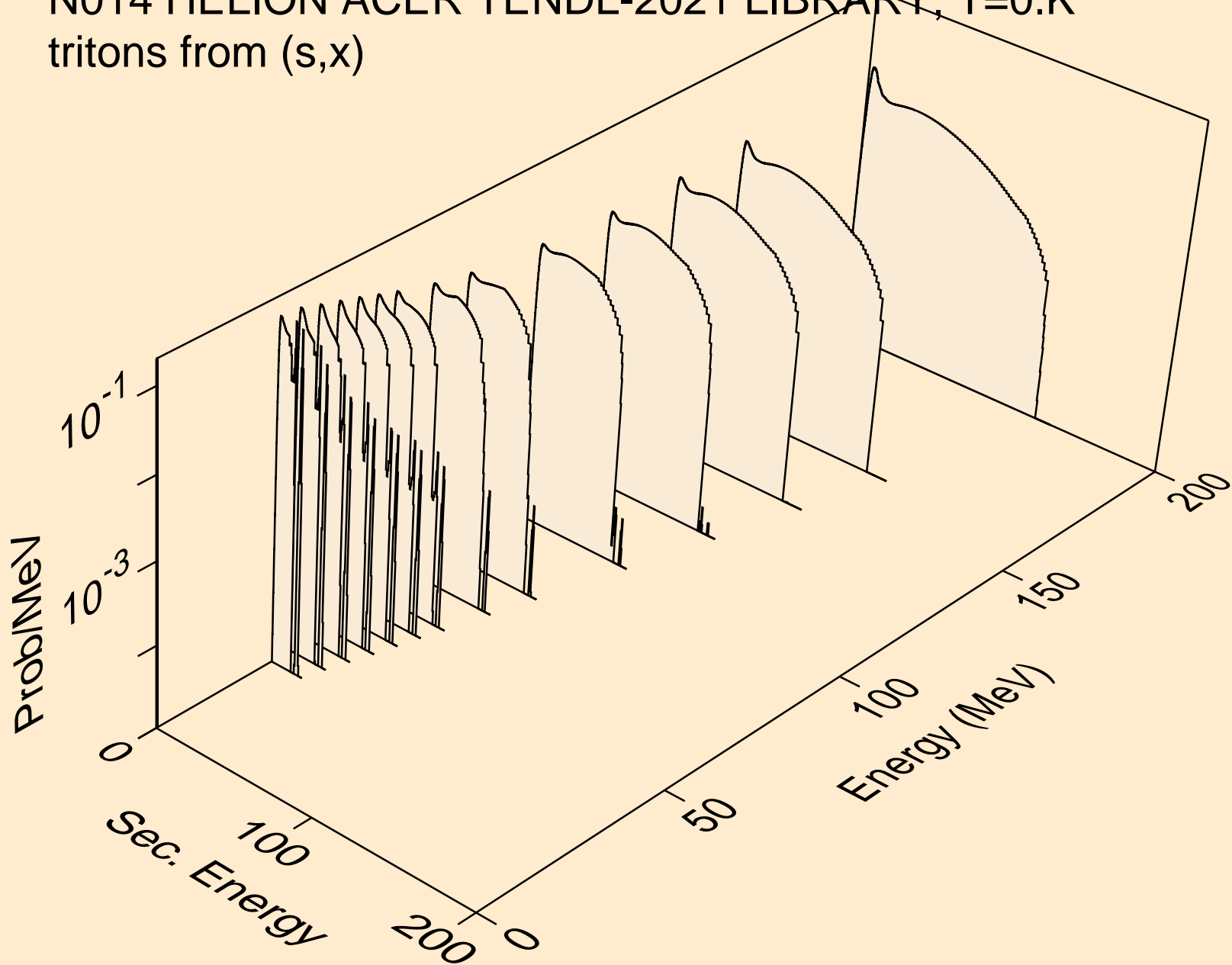
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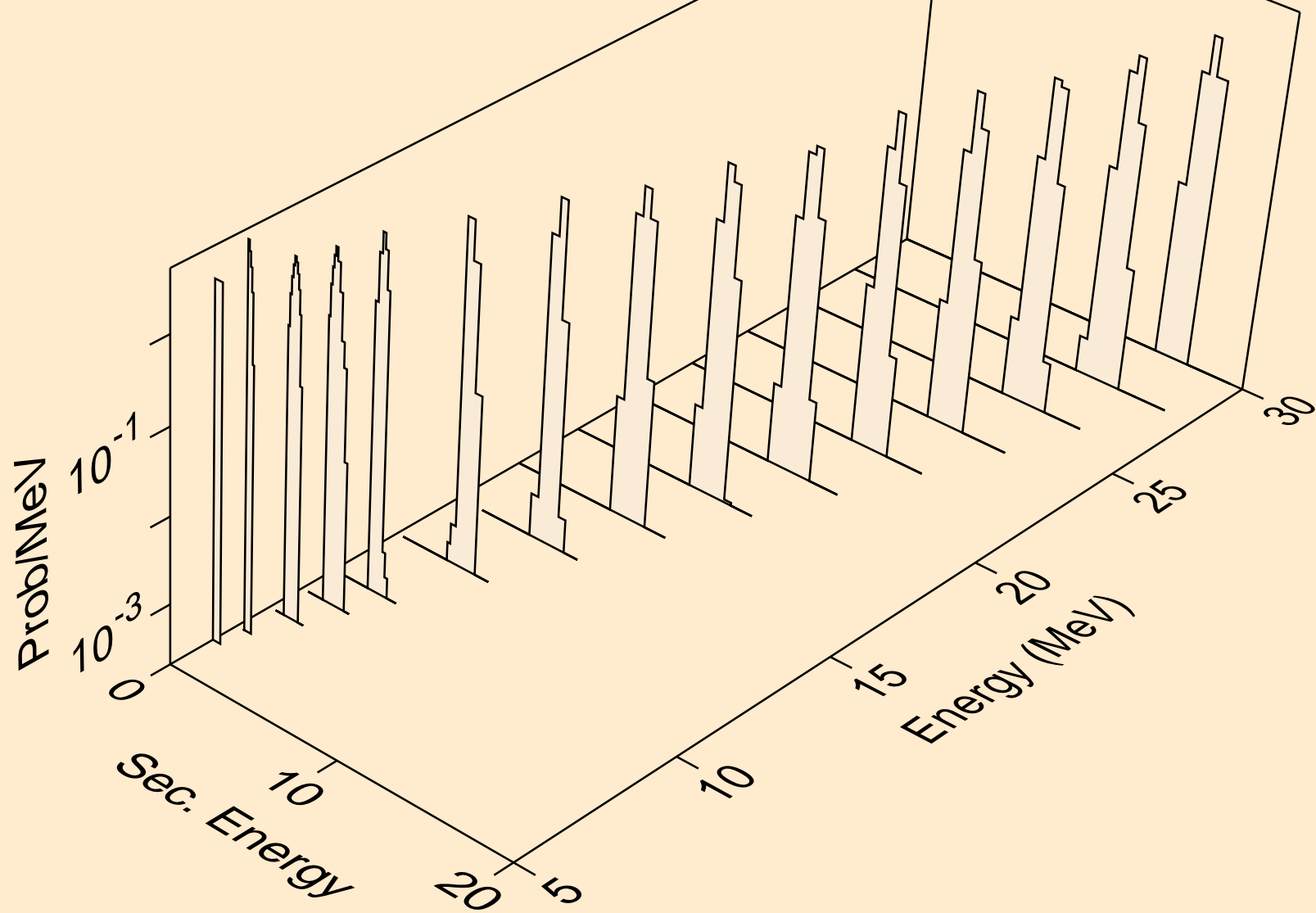
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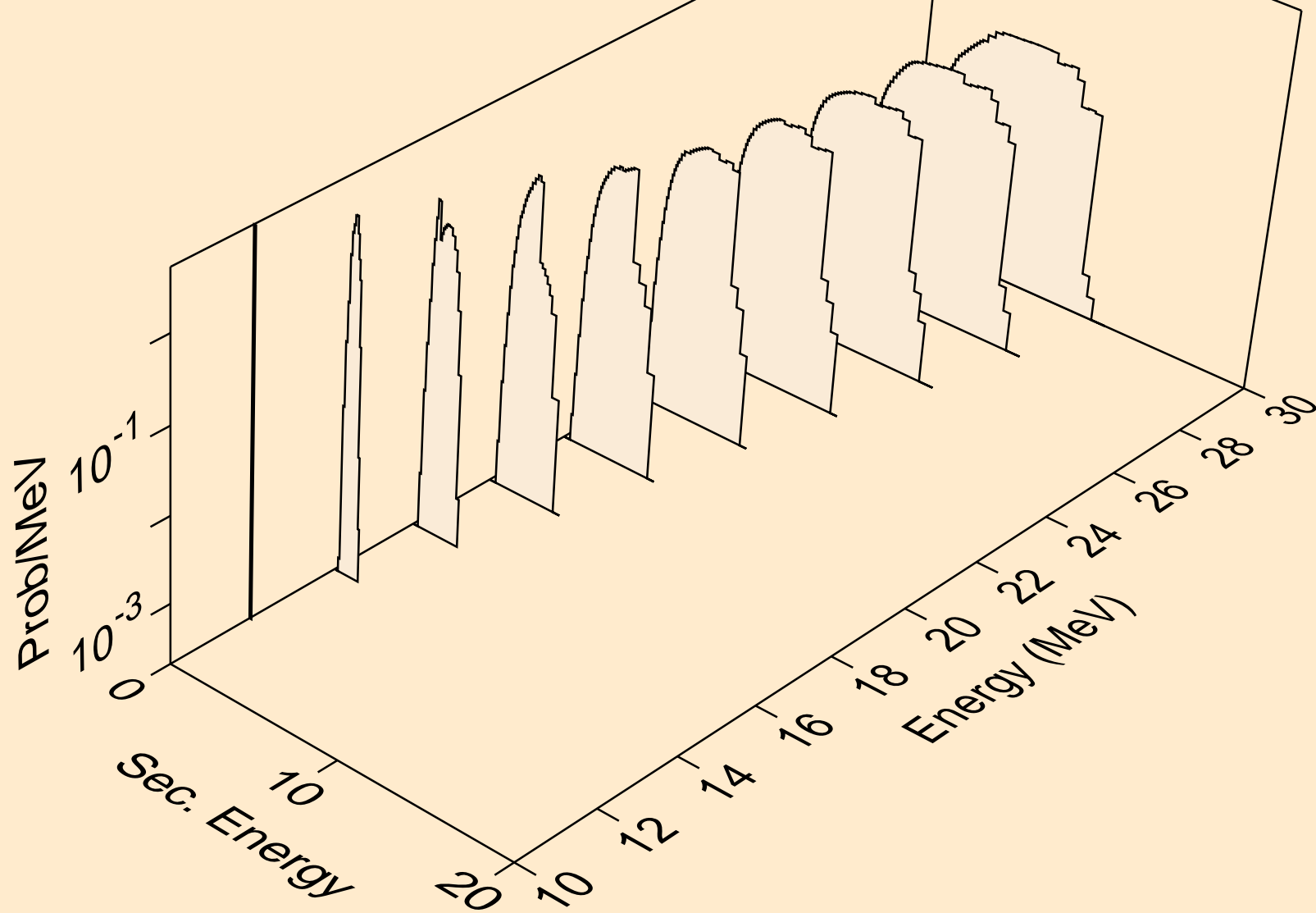
N014 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,x)



N014 HELION ACER TENDL-2021 LIBRARY; T=0.K  
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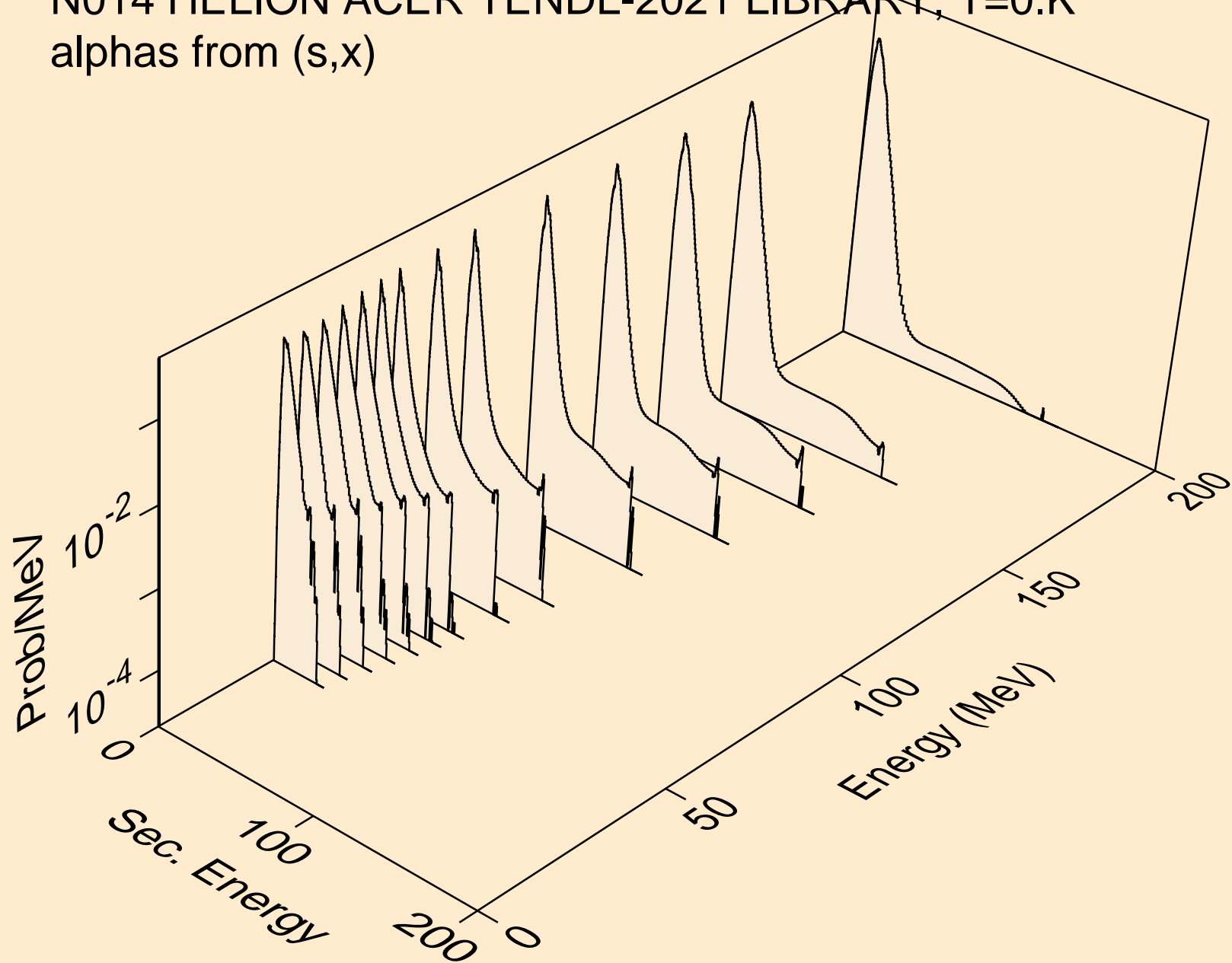


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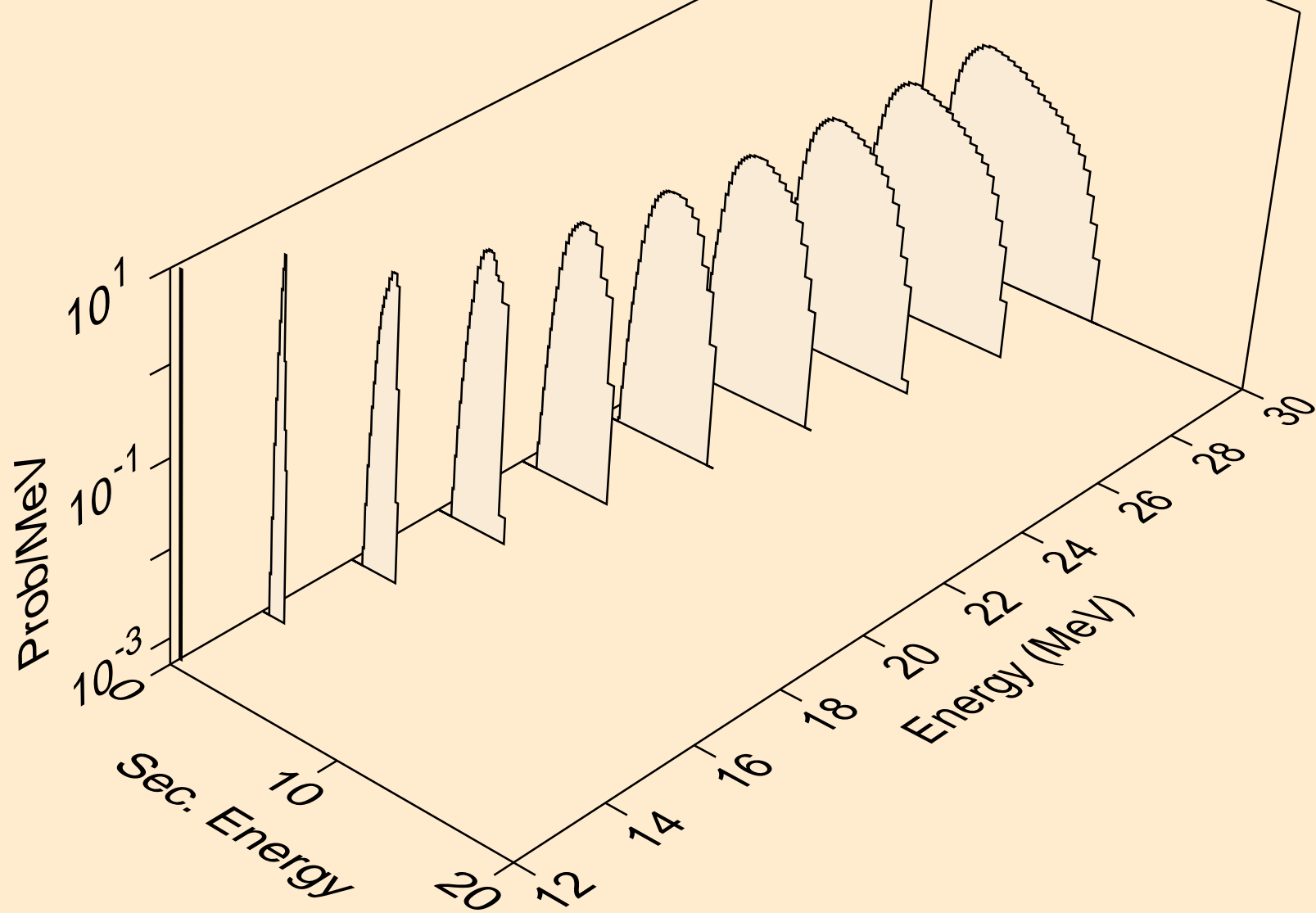




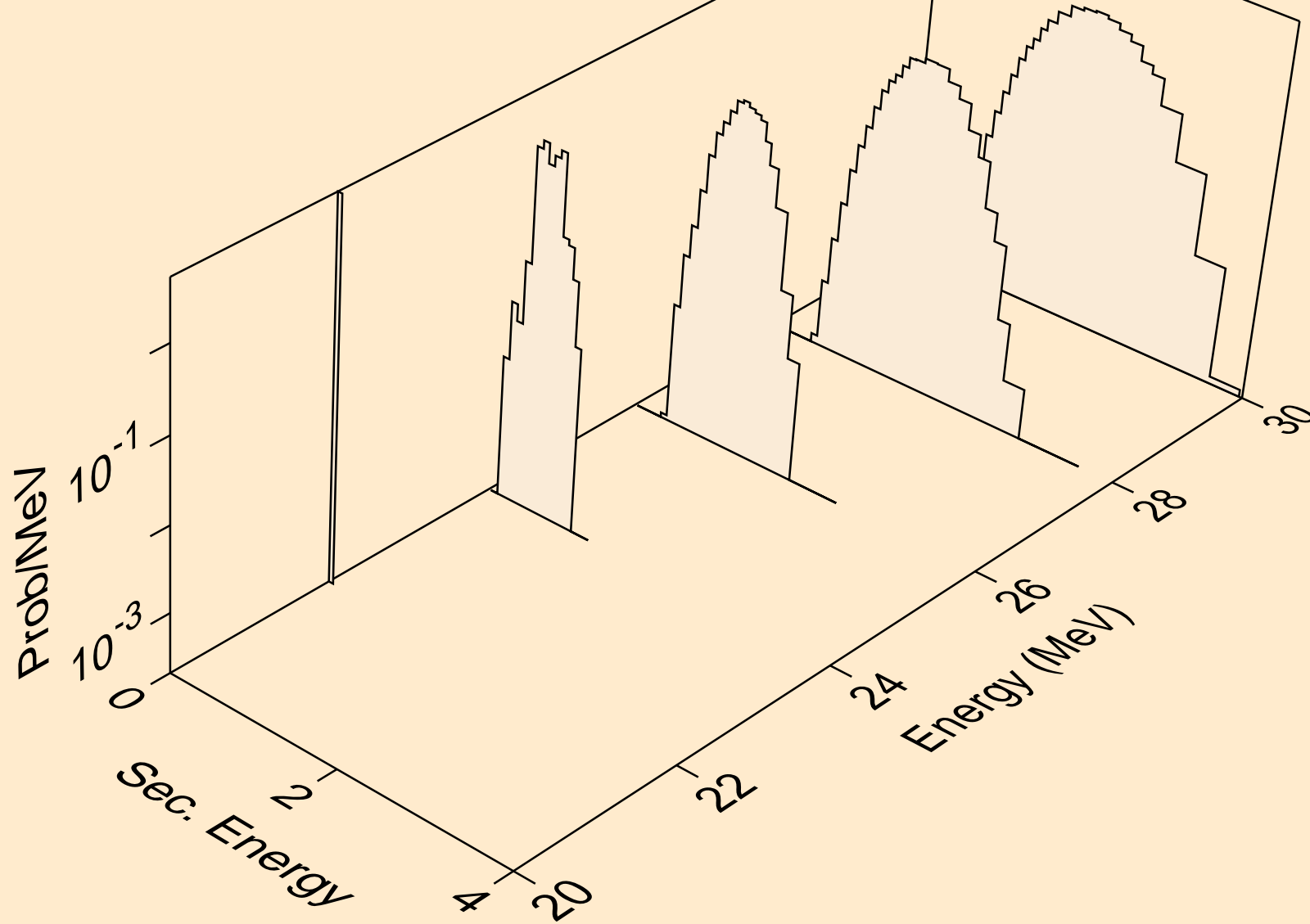
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alphas from (s,x)



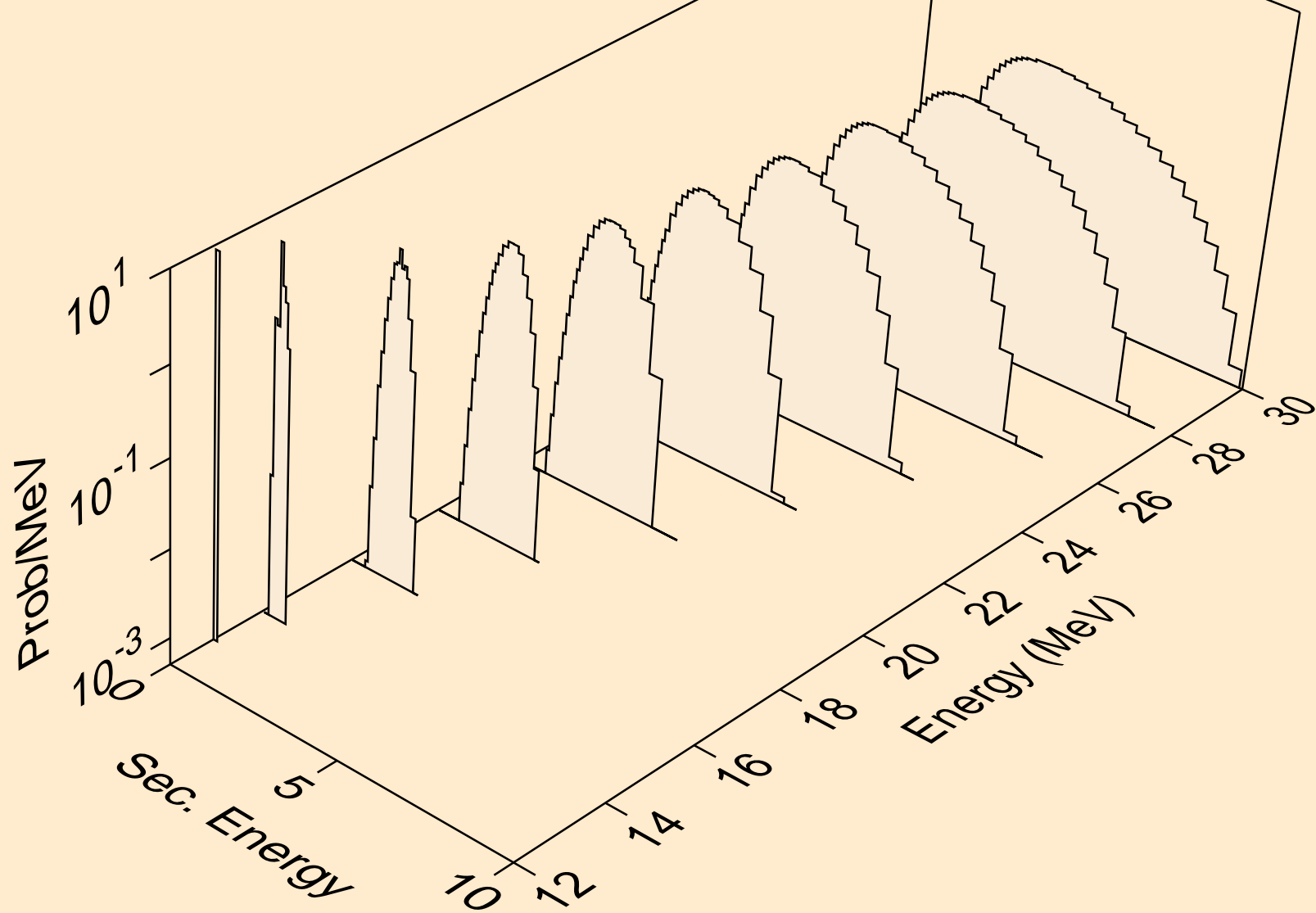
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alphas from (s,n\*)a



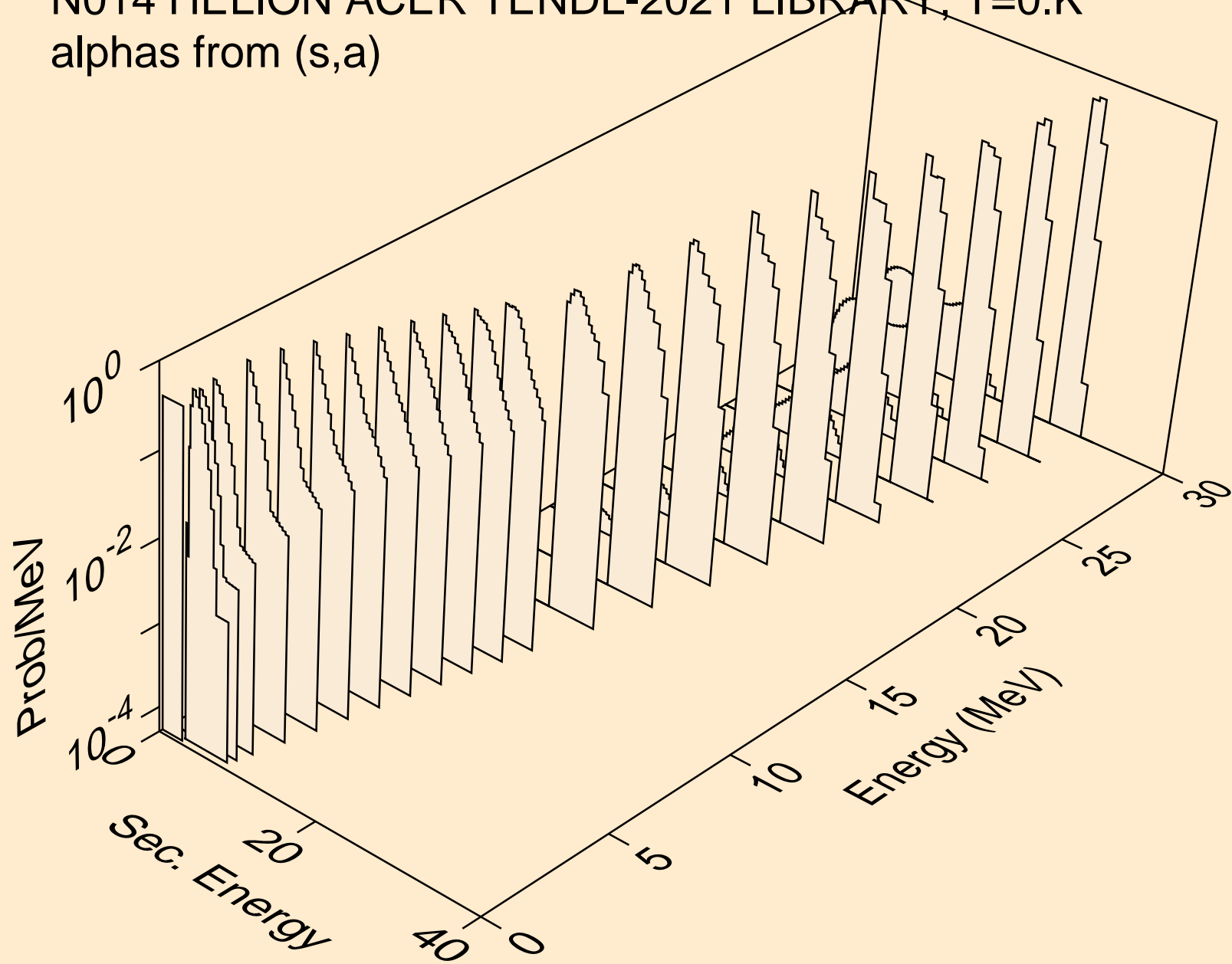
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alphas from (s,n\*)2a



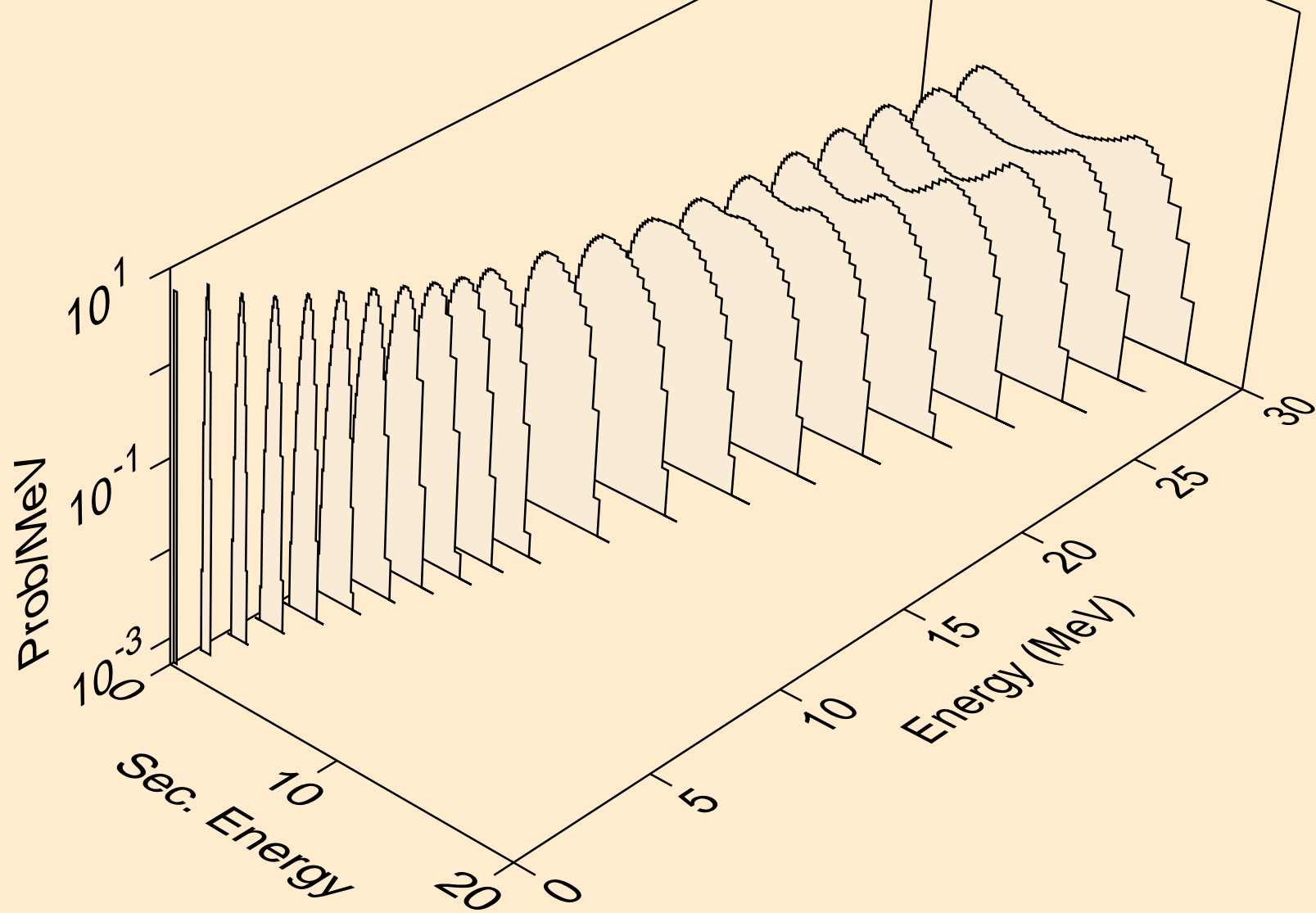
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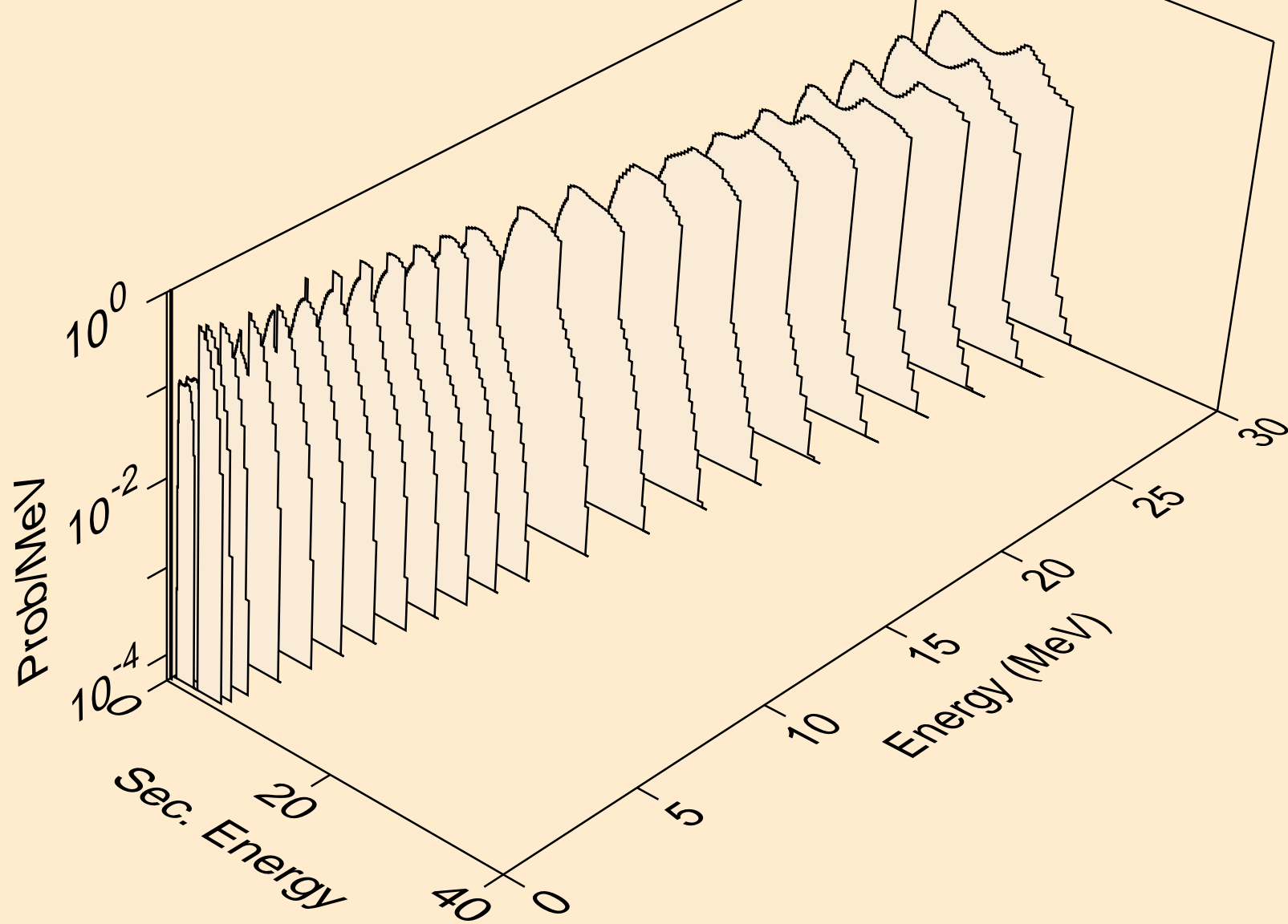
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alphas from (s,a)



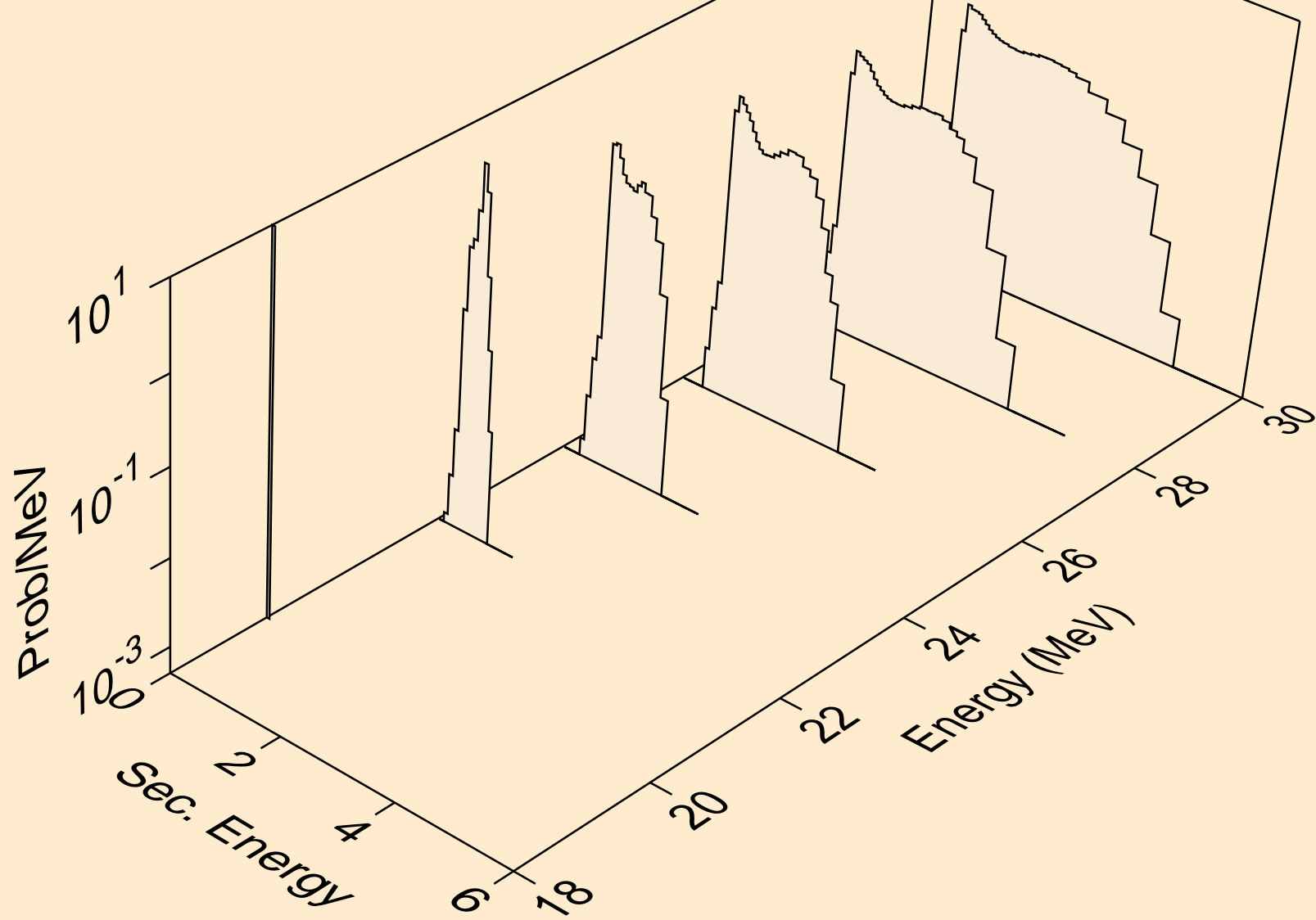
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alphas from (s,2a)



N014 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,pa)



N014 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,d2a)





N014 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,da)

