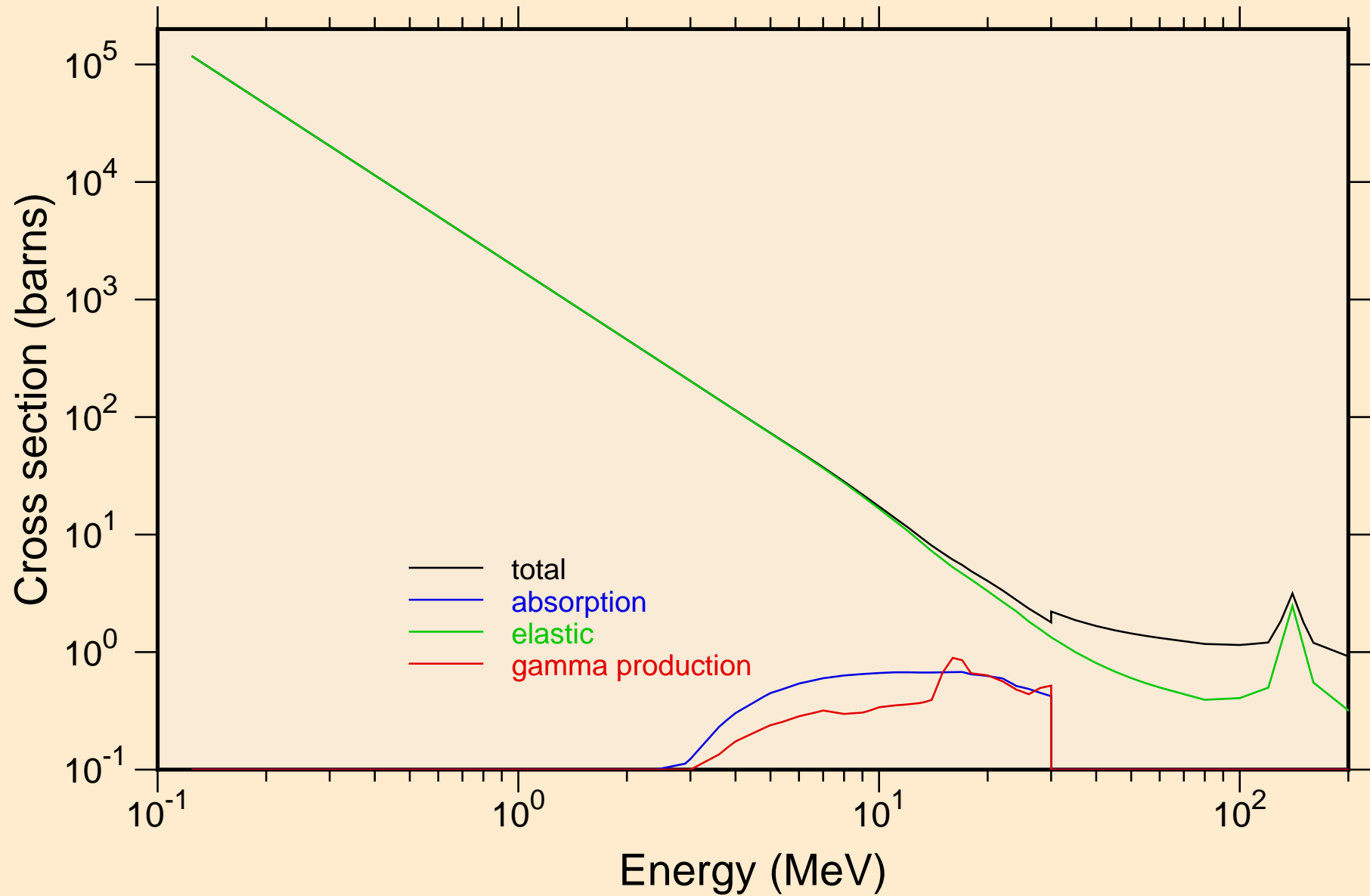
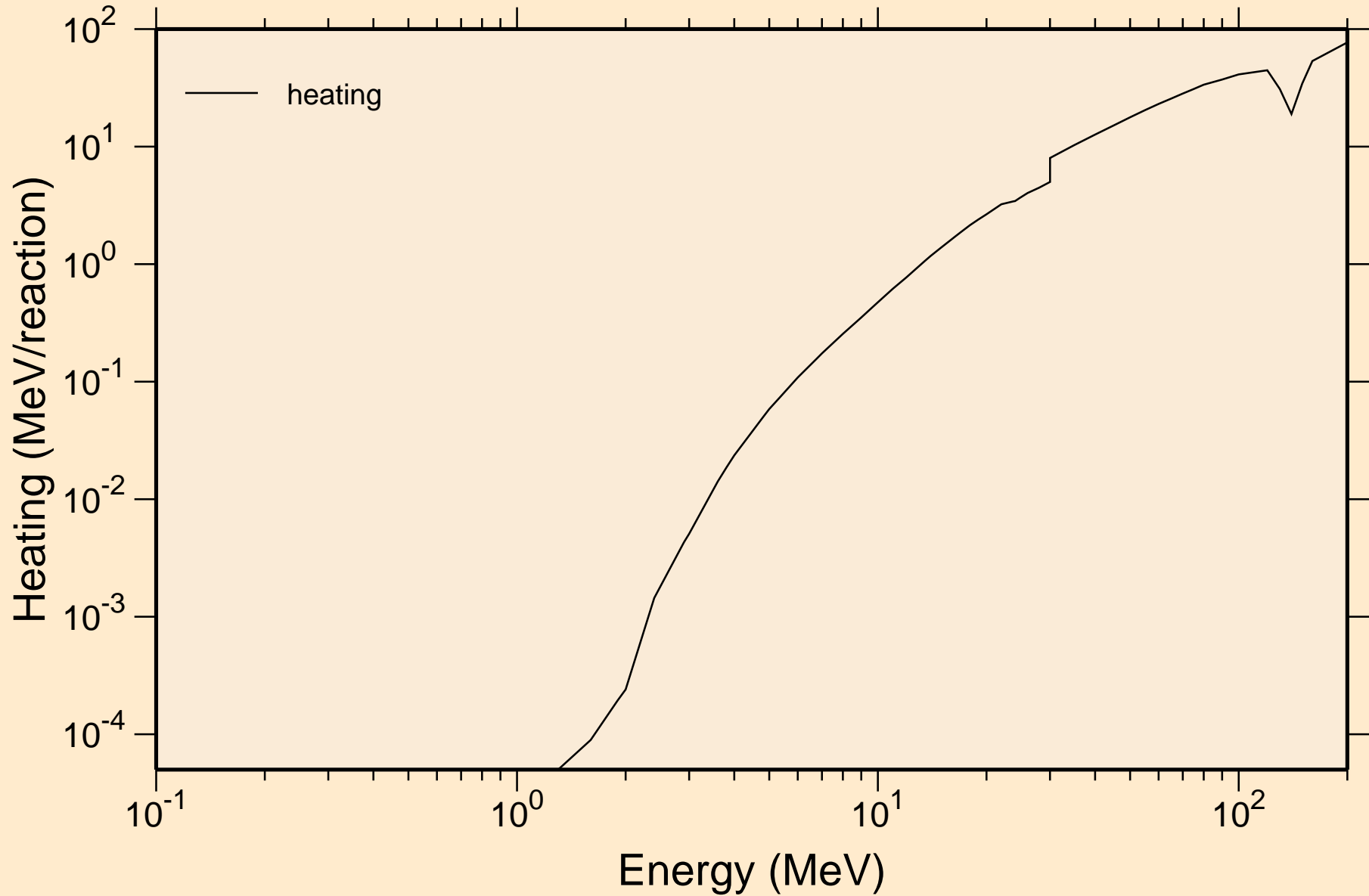


N013 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections



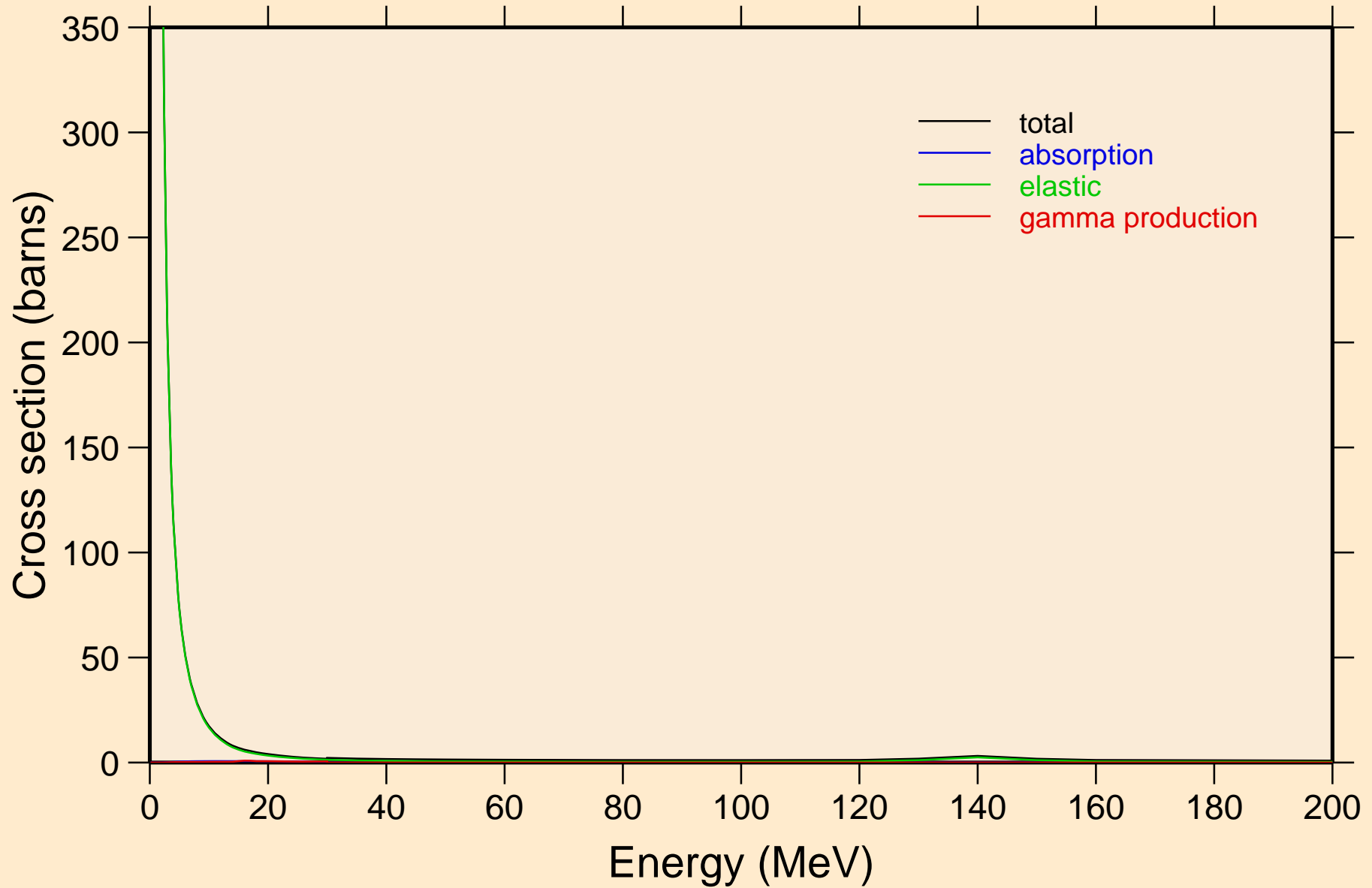
# N013 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Heating



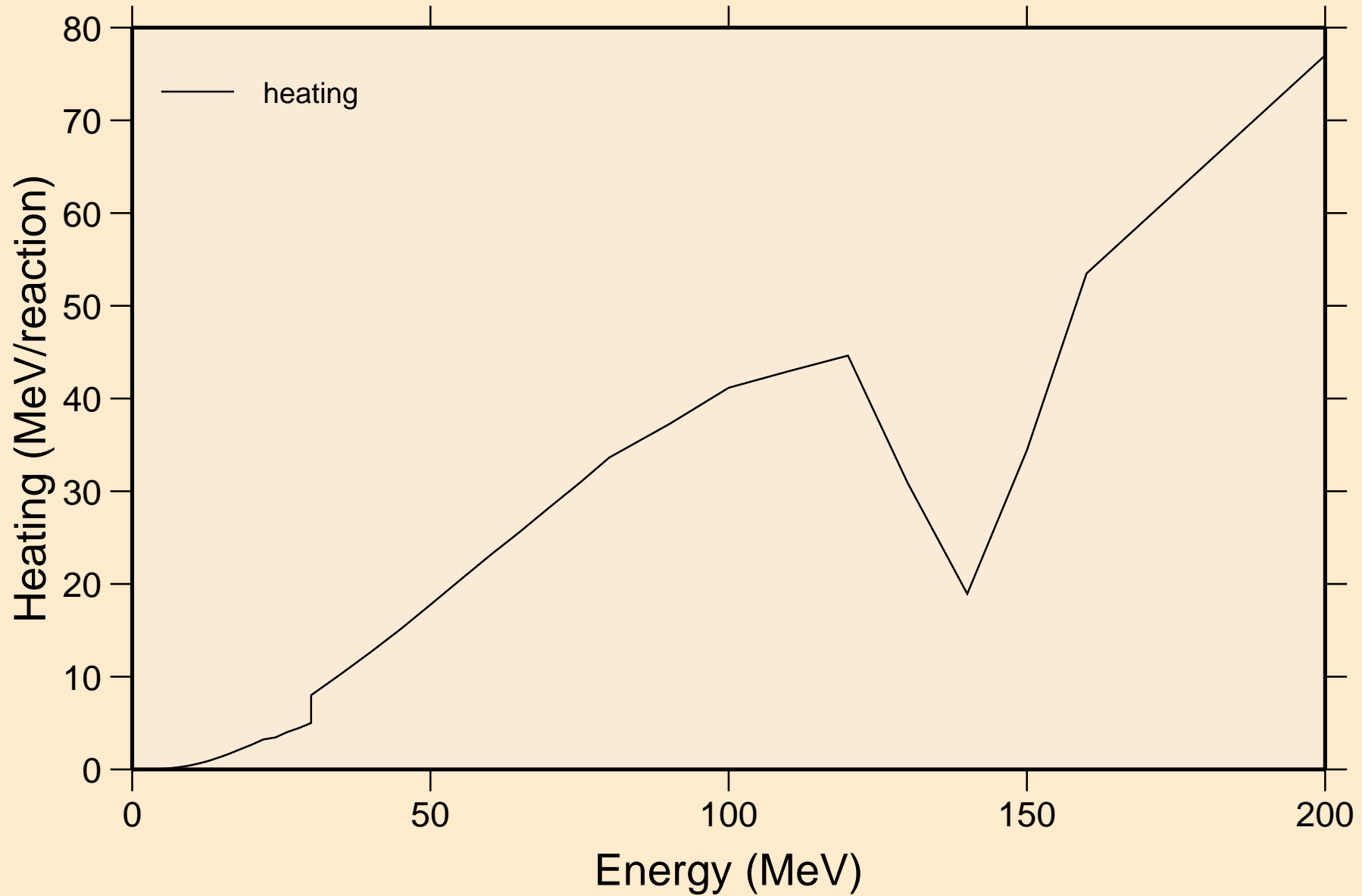
# N013 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

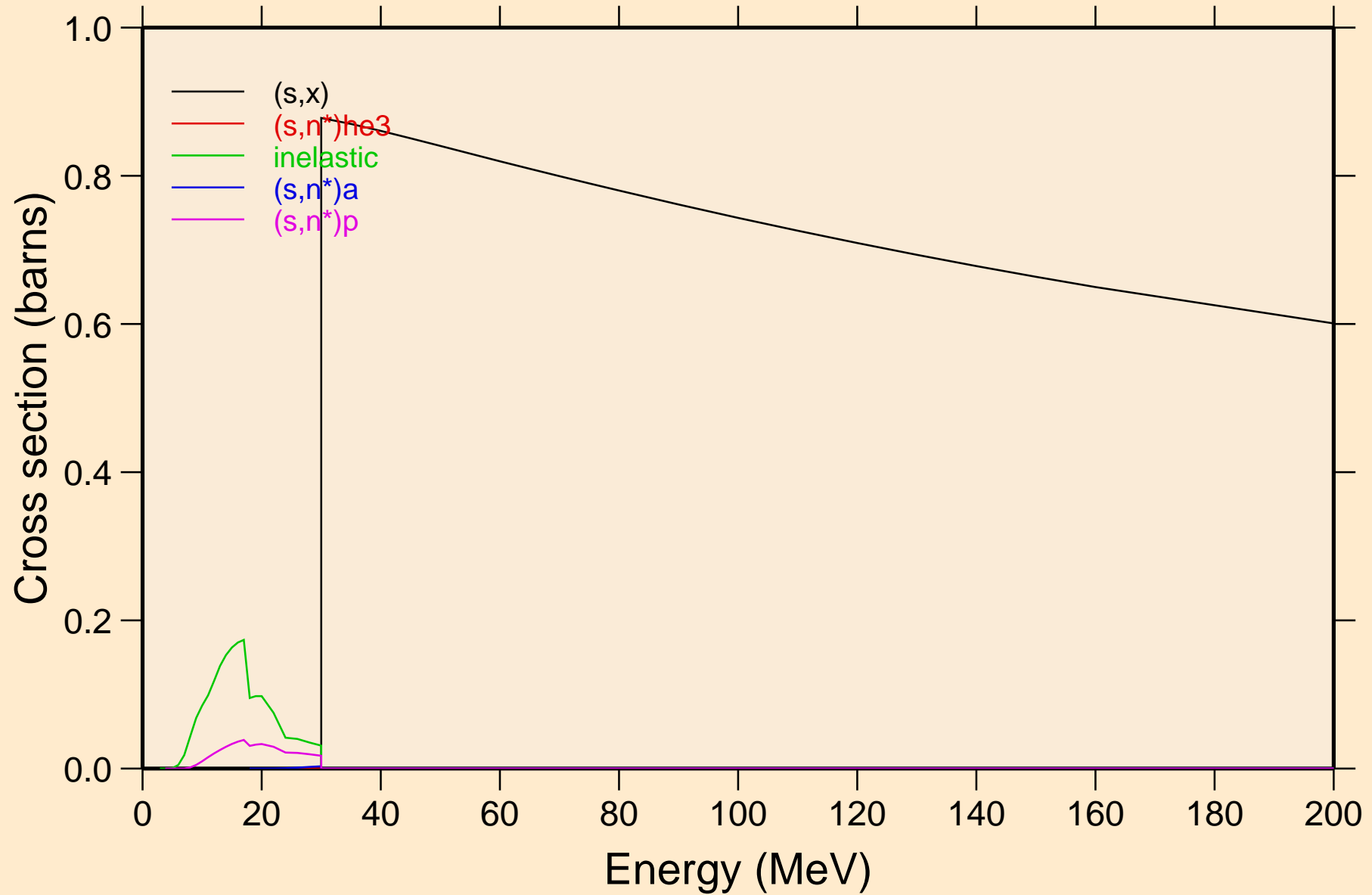


# N013 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Heating

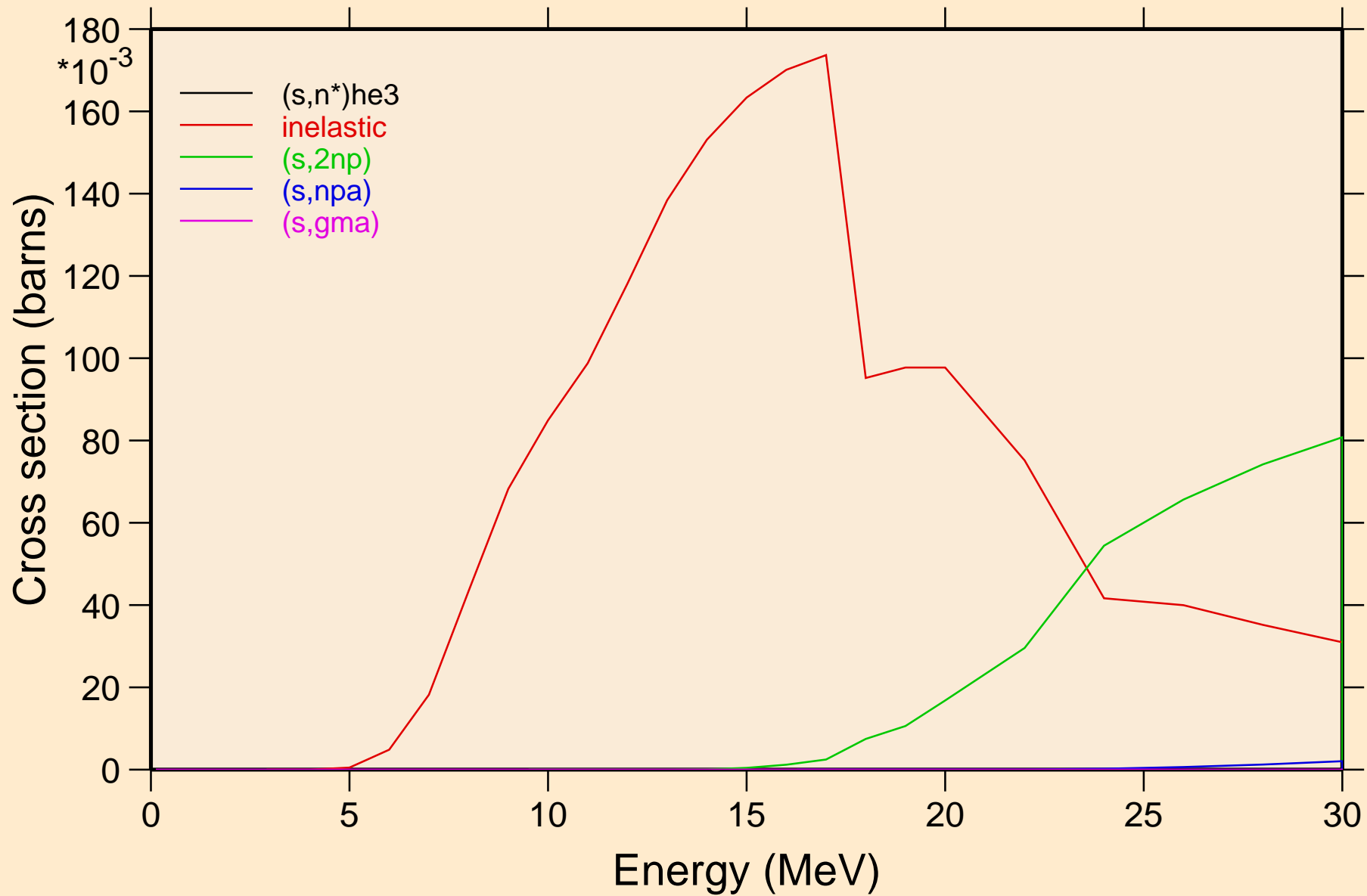


N013 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

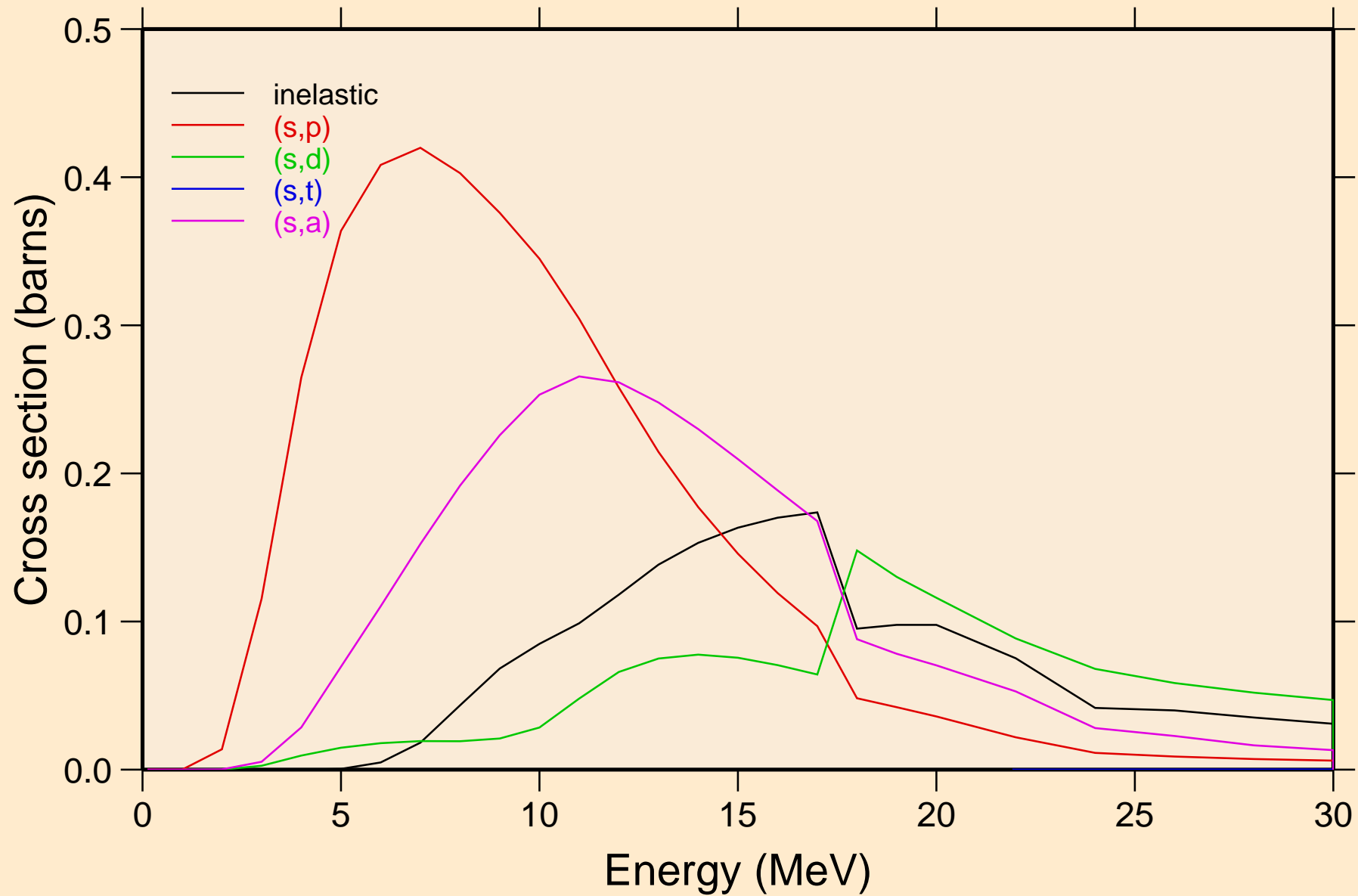


# N013 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions

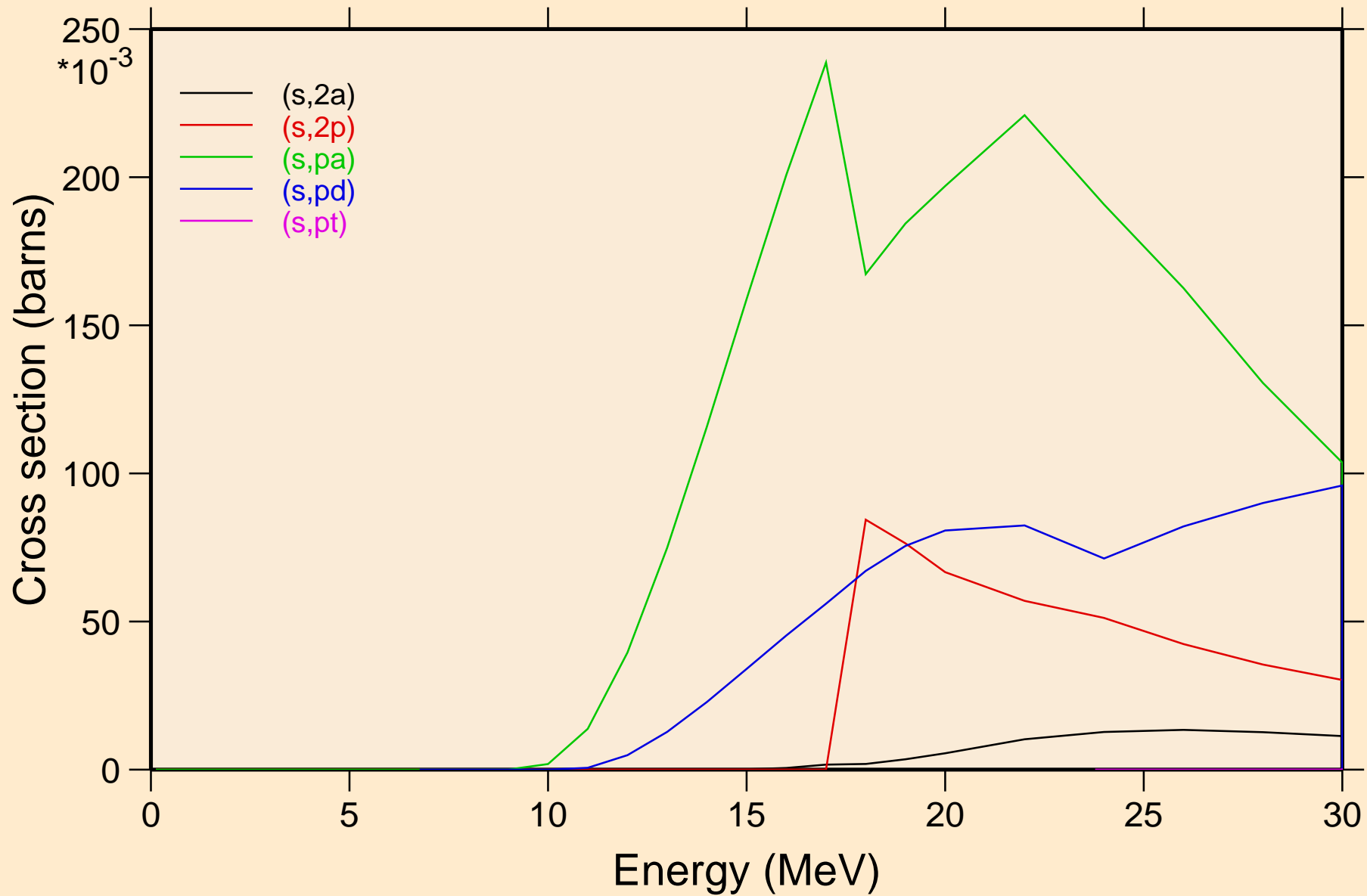


N013 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



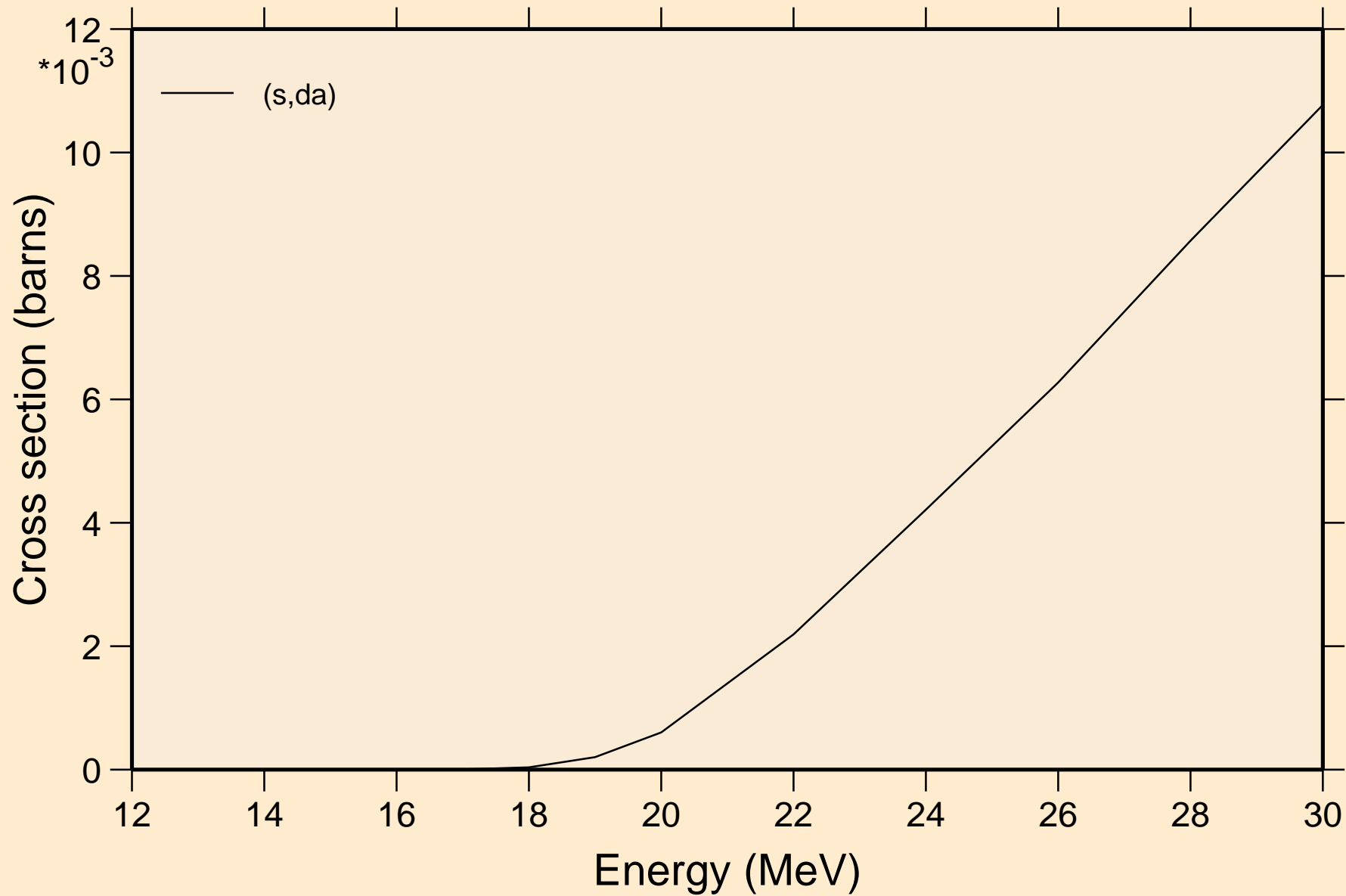
# N013 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions

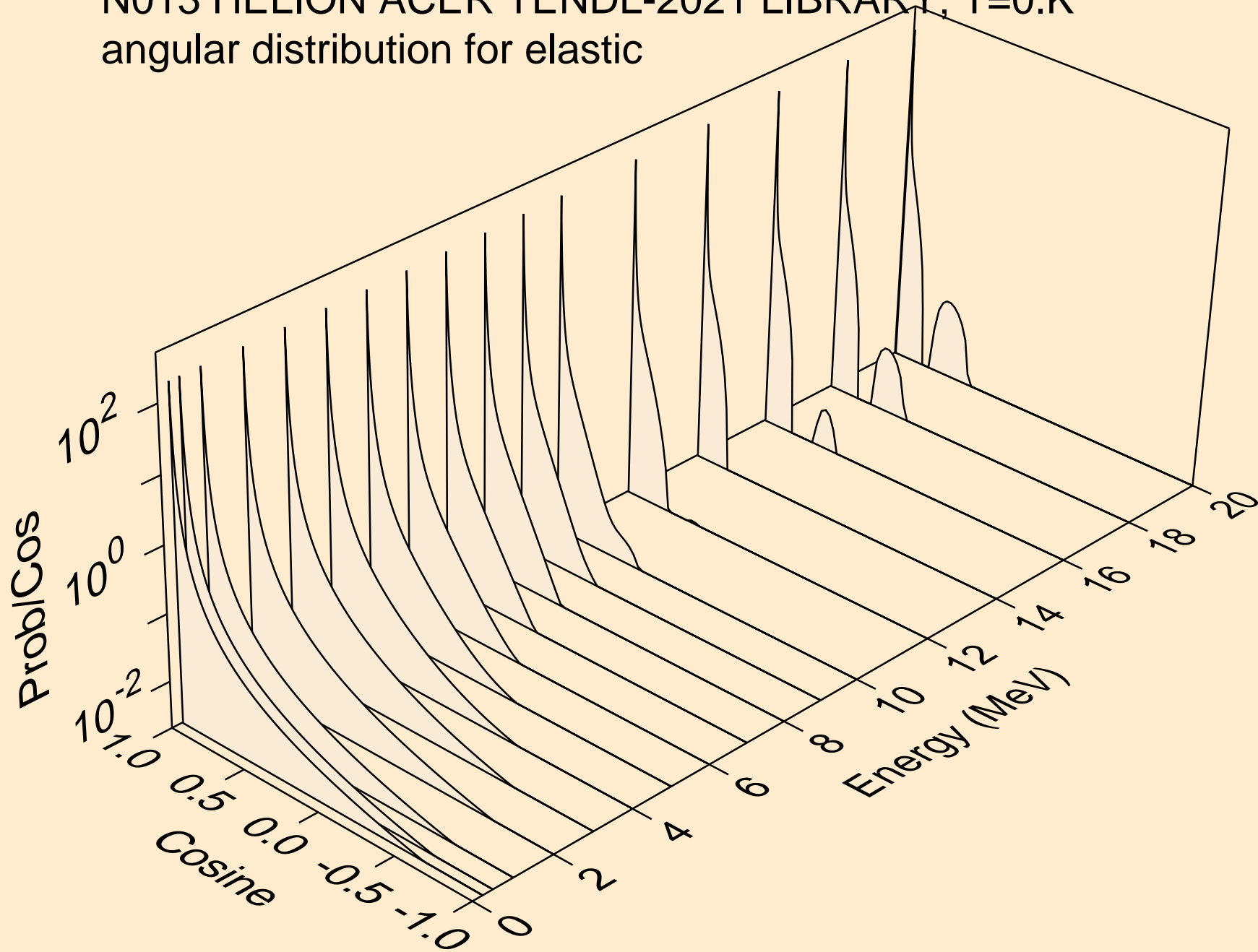




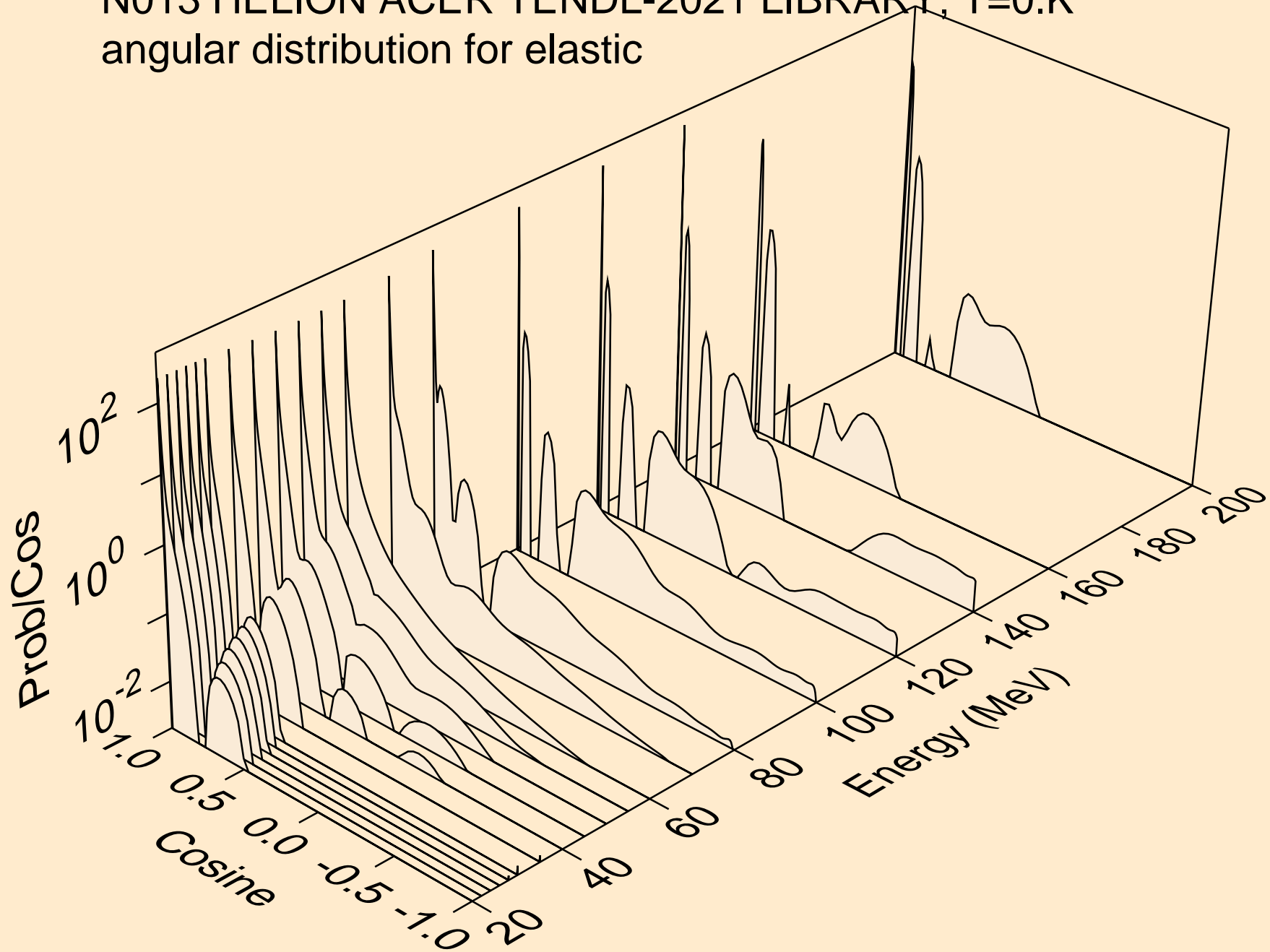
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Threshold reactions



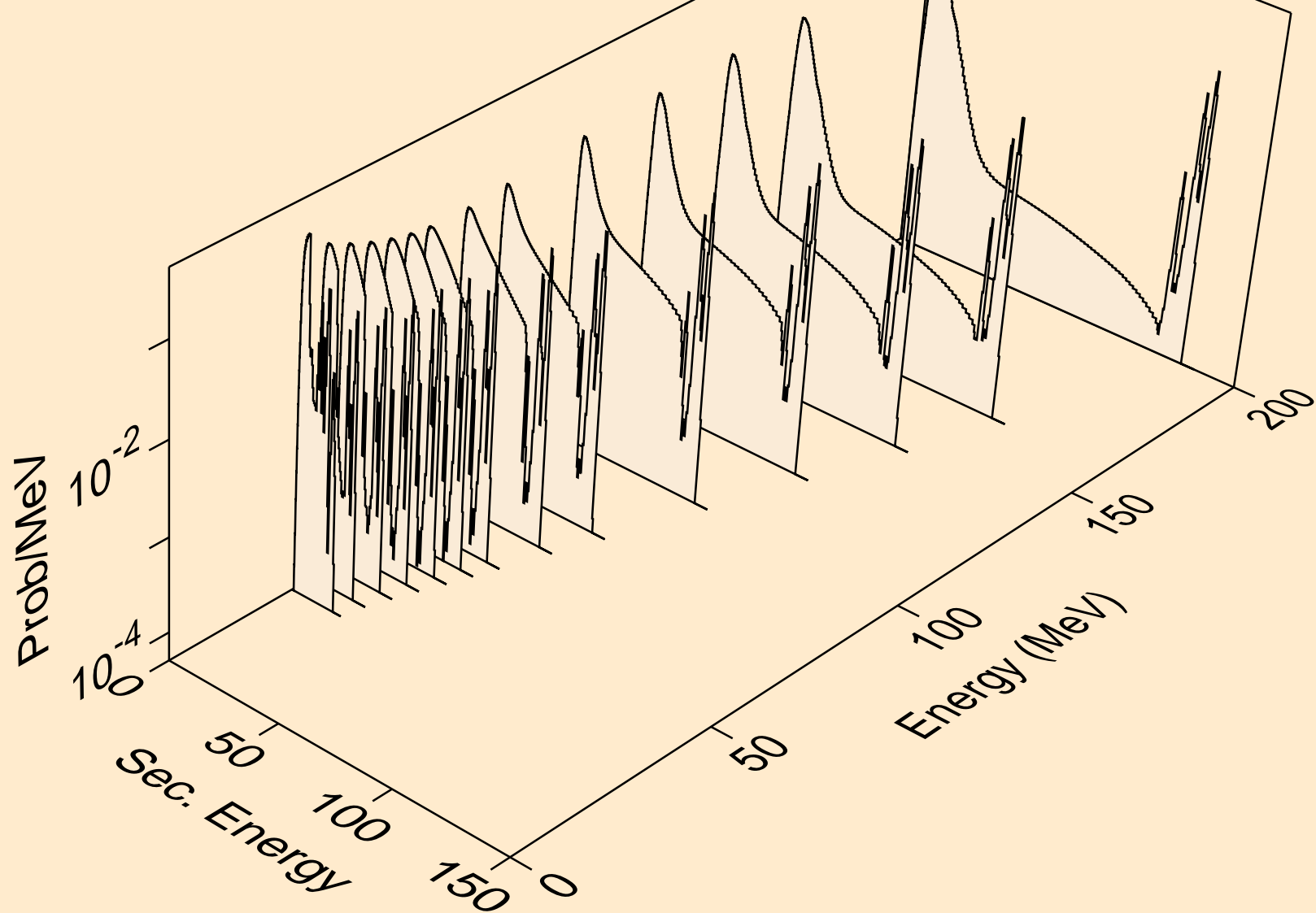
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angular distribution for elastic



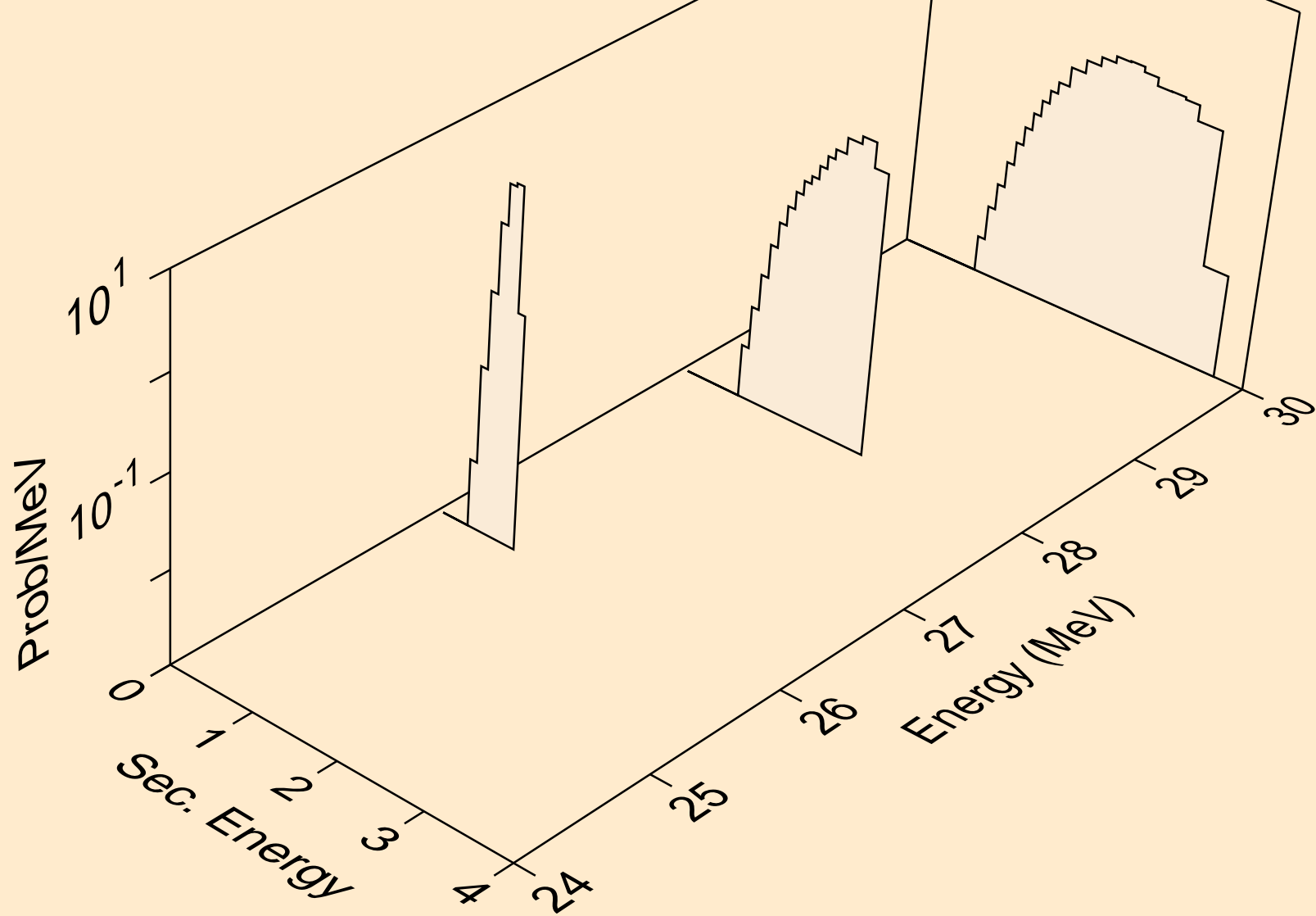
N013 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



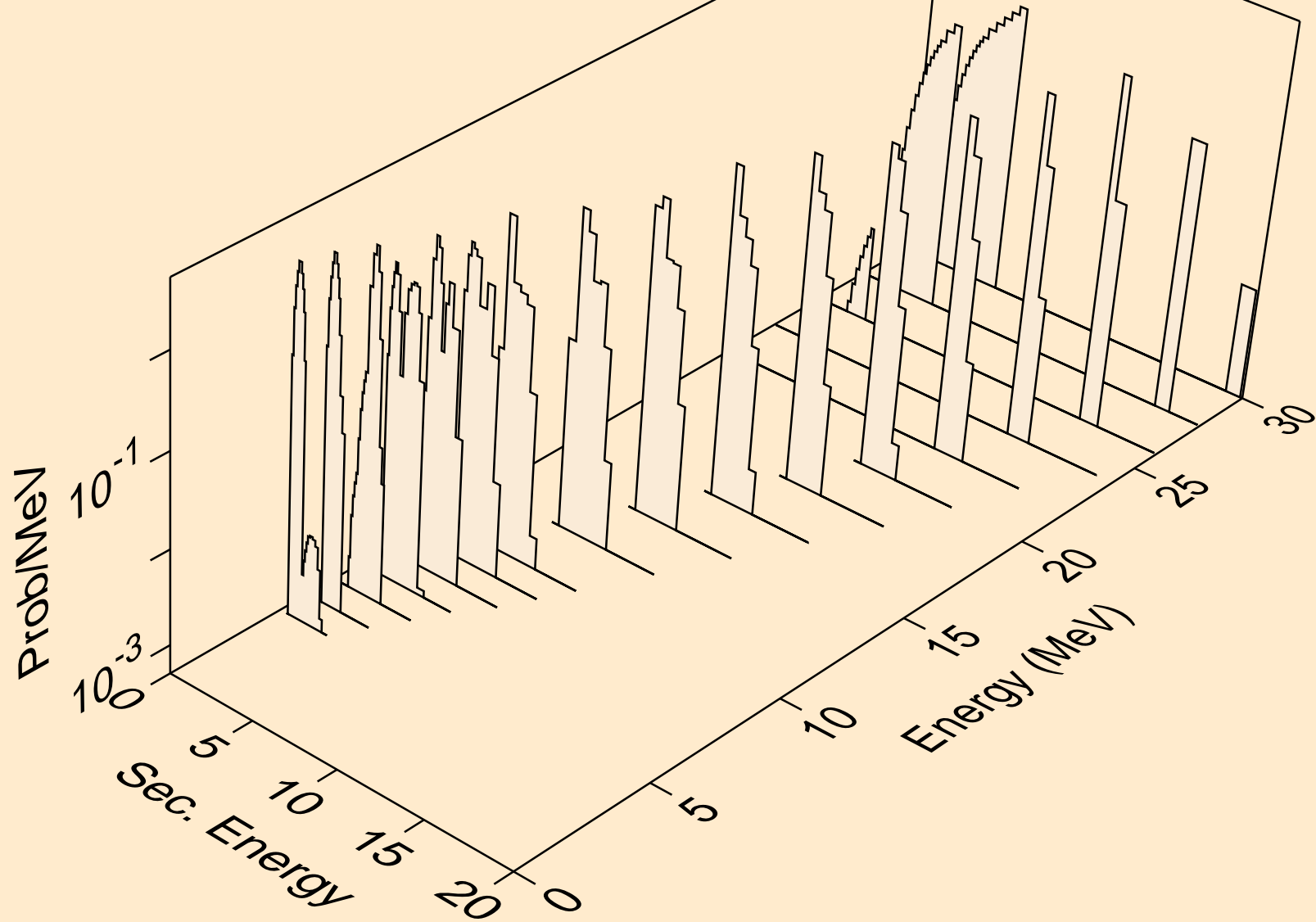
N013 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,x)



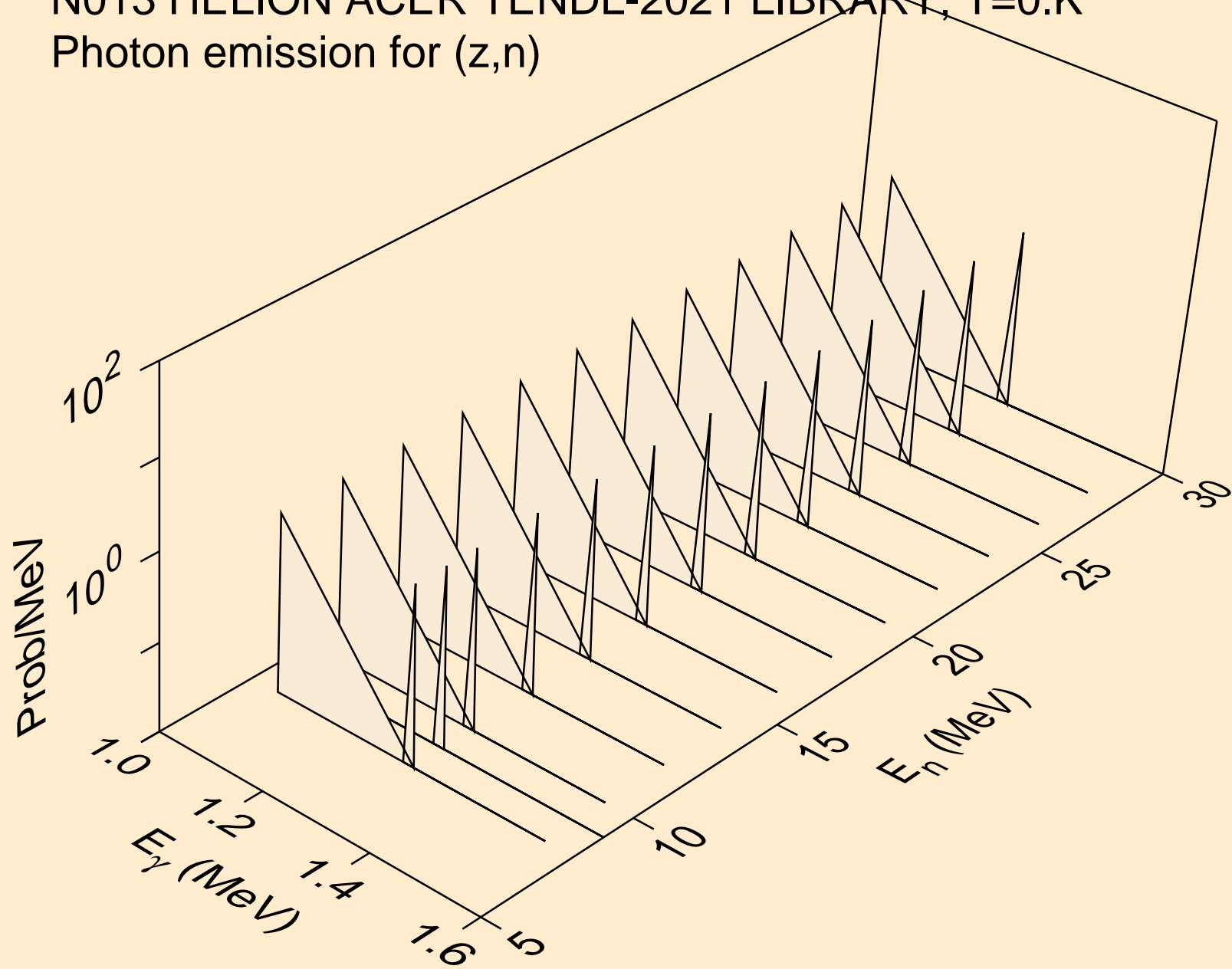
N013 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3



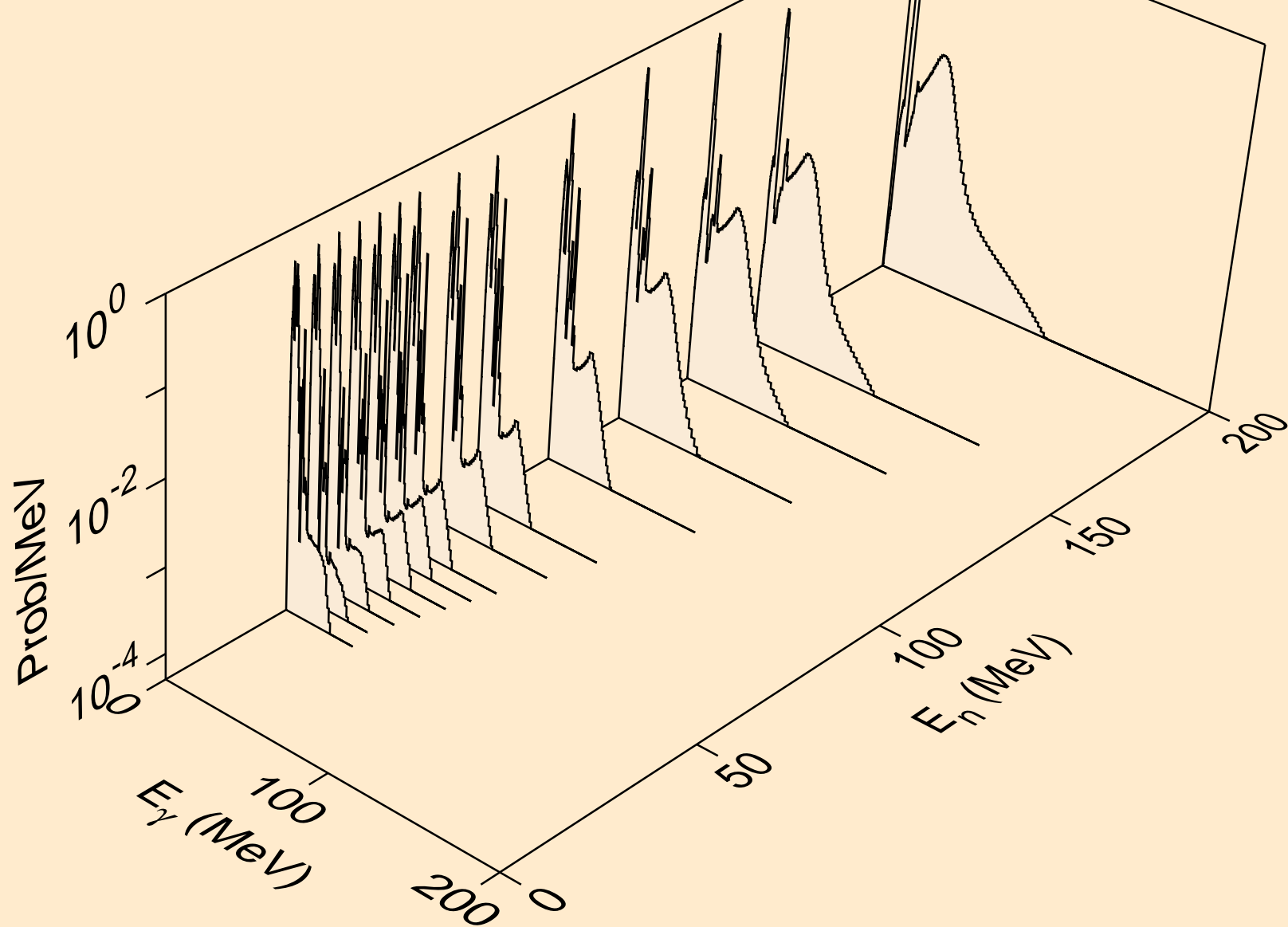
N013 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for inelastic



N013 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)

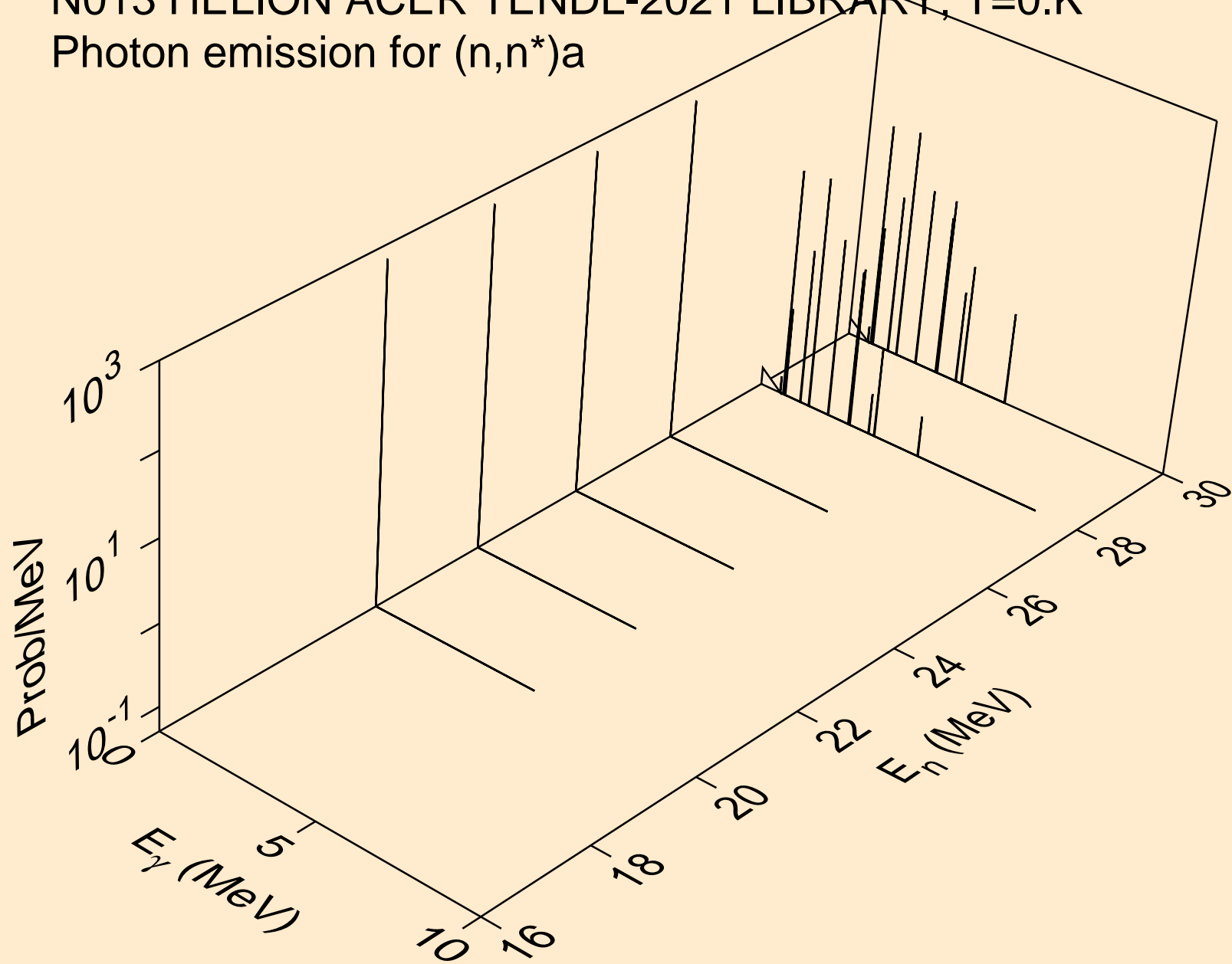


N013 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)

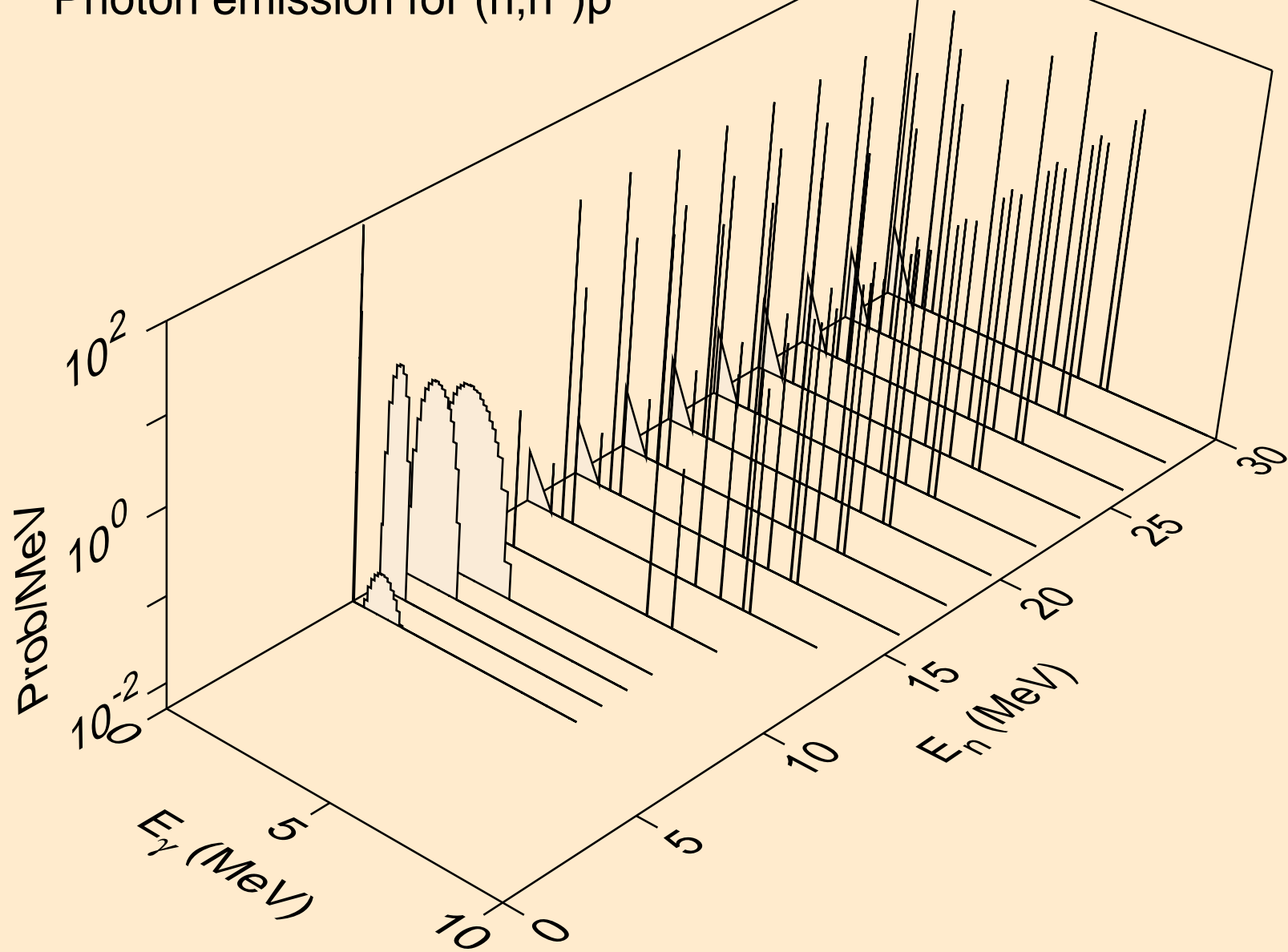




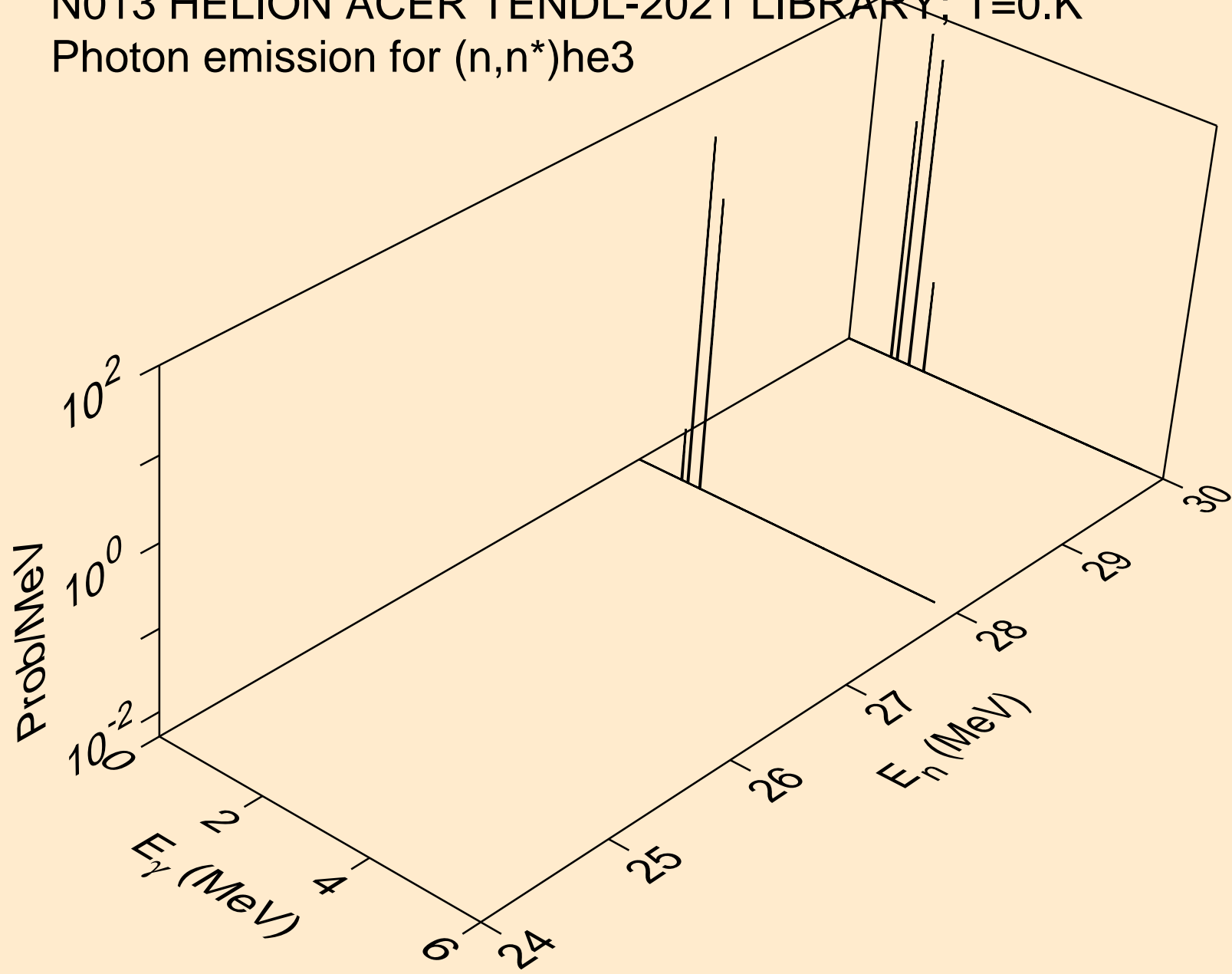
N013 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



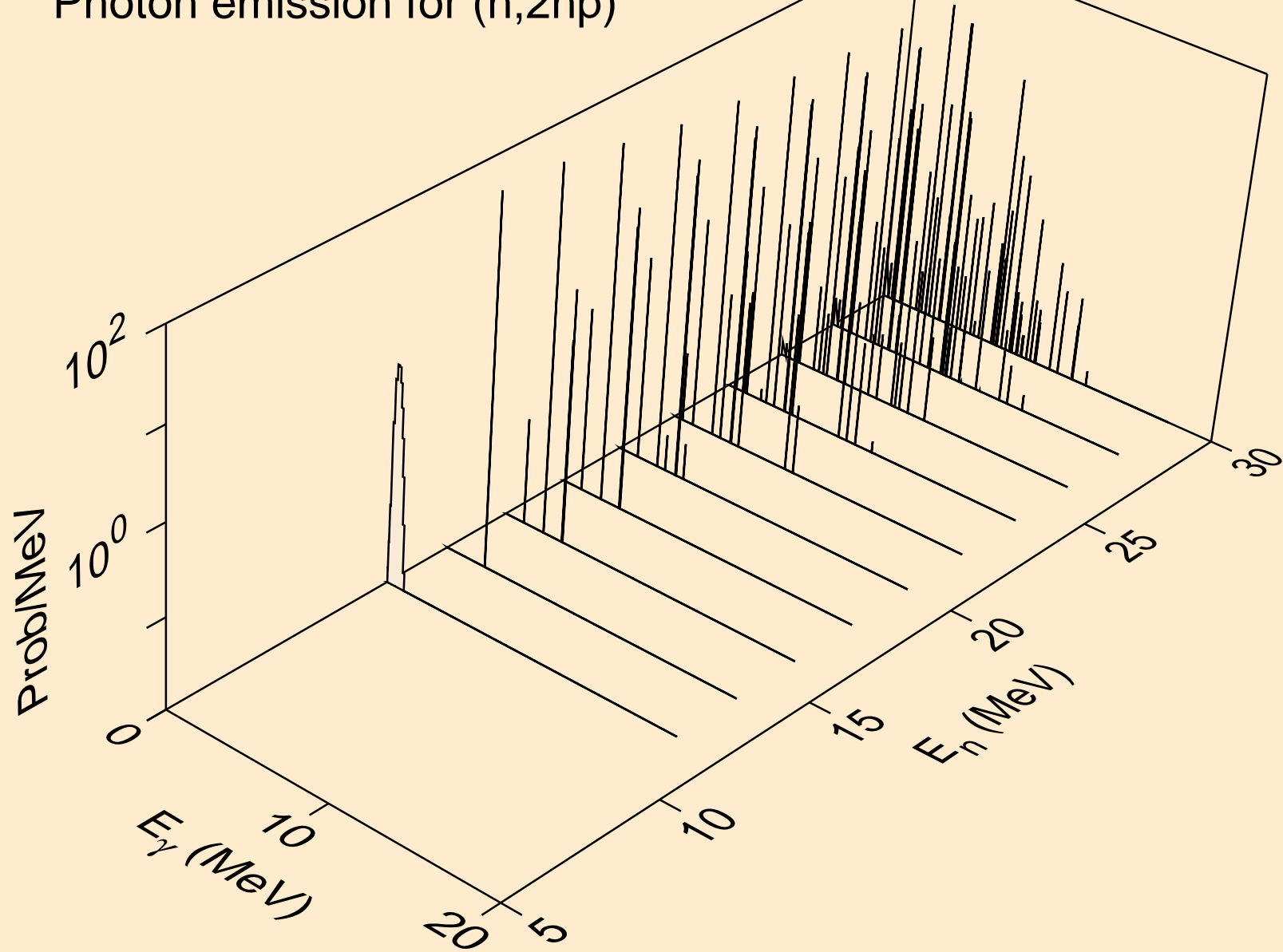
N013 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



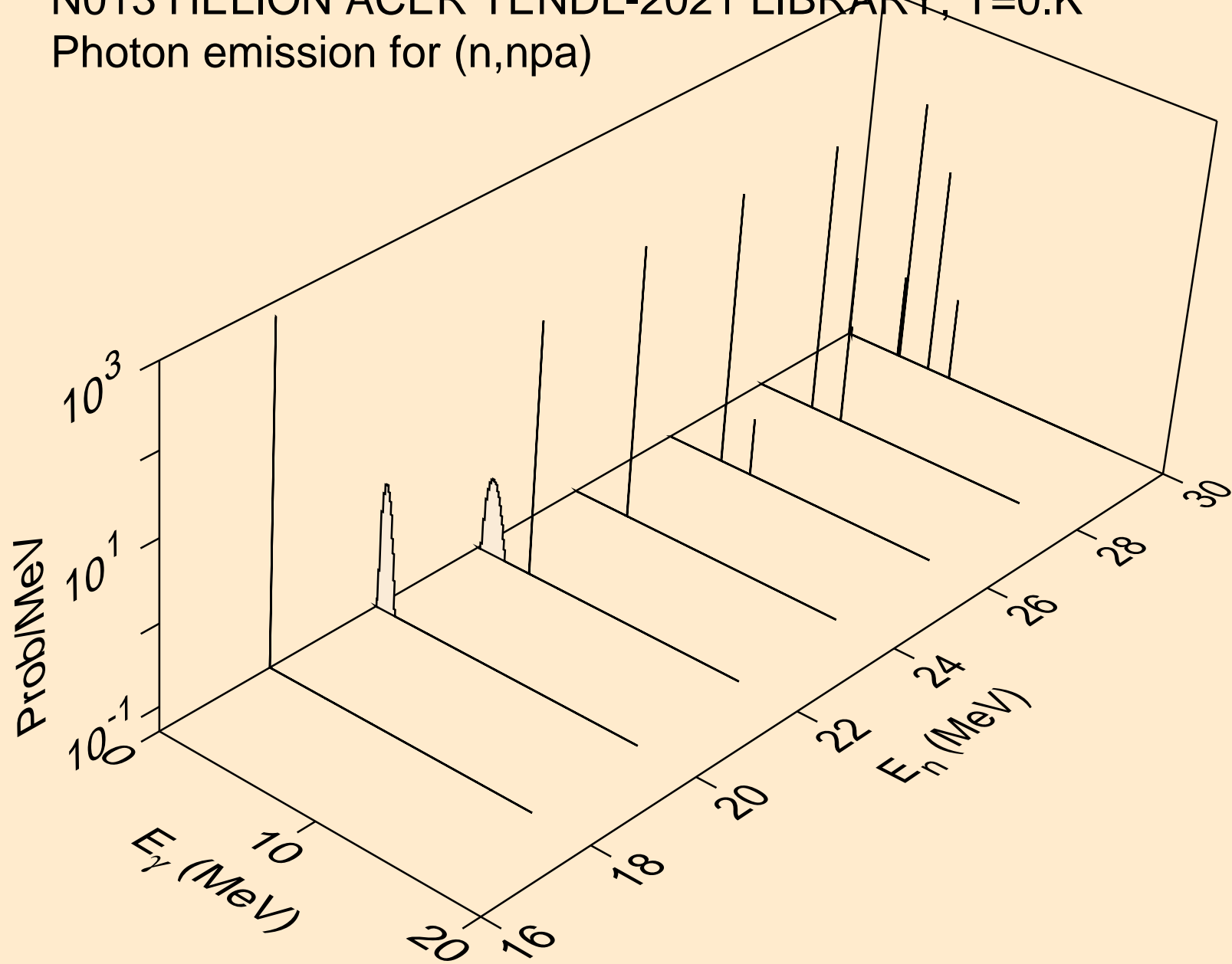
N013 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



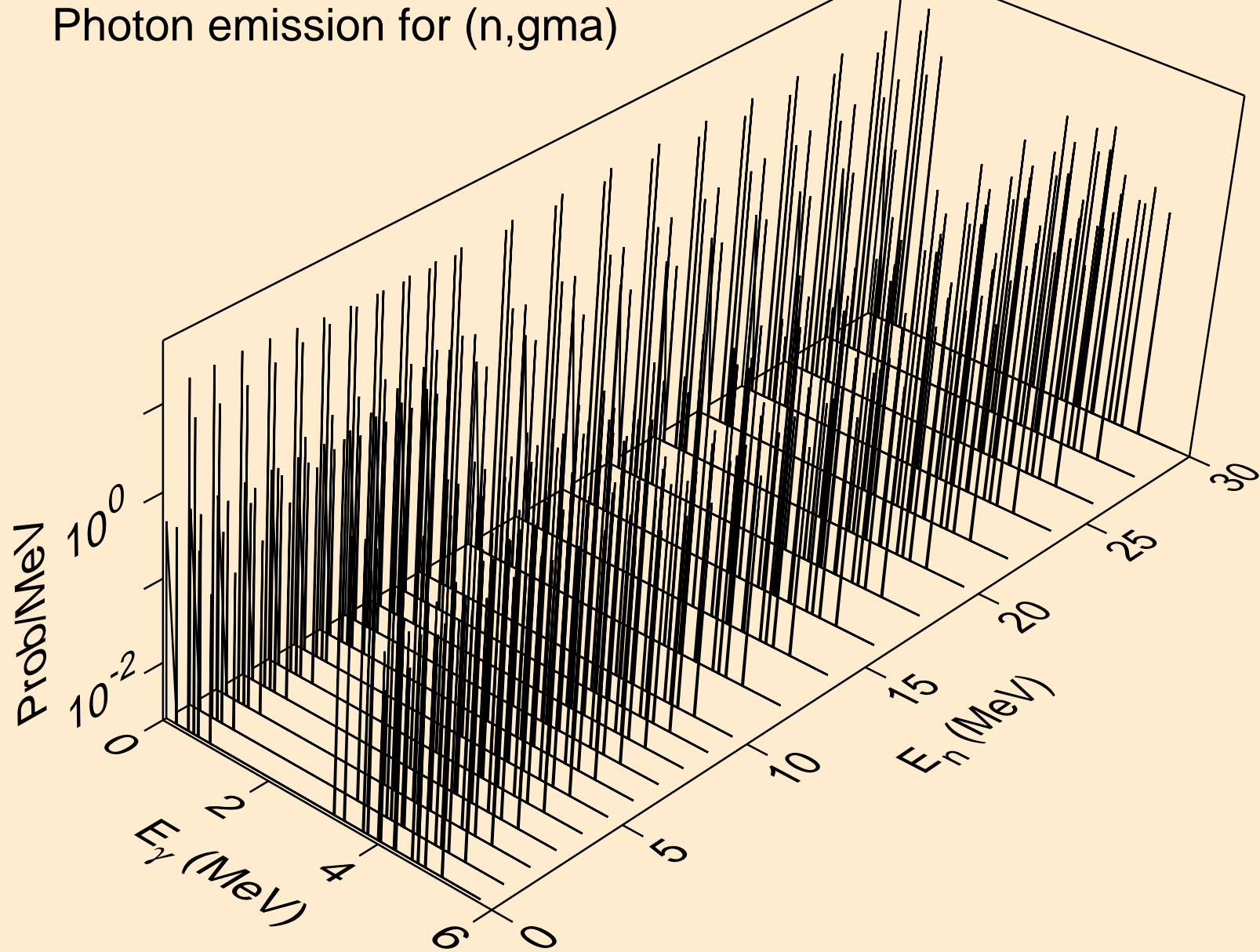
N013 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



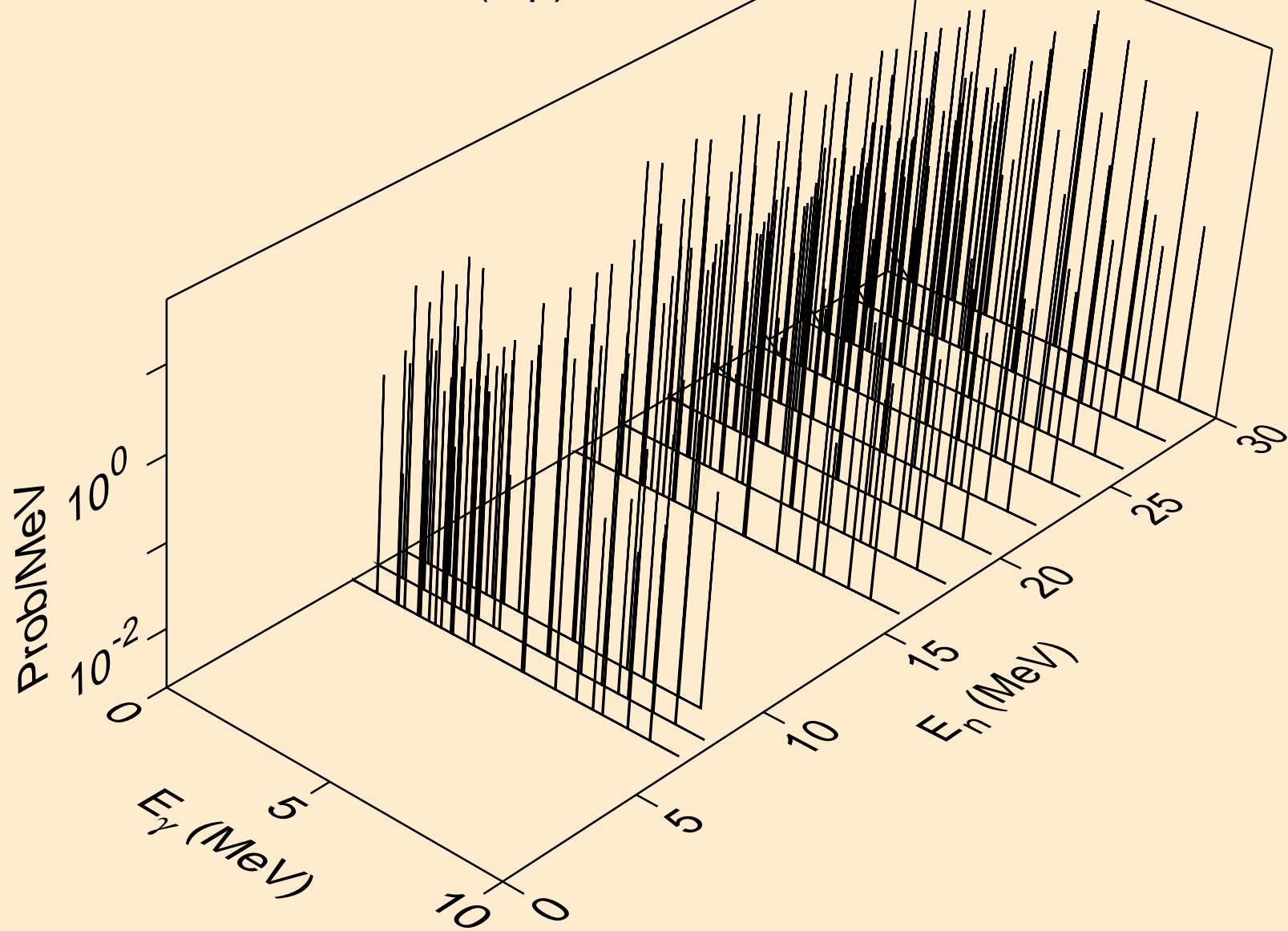
N013 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,npa)



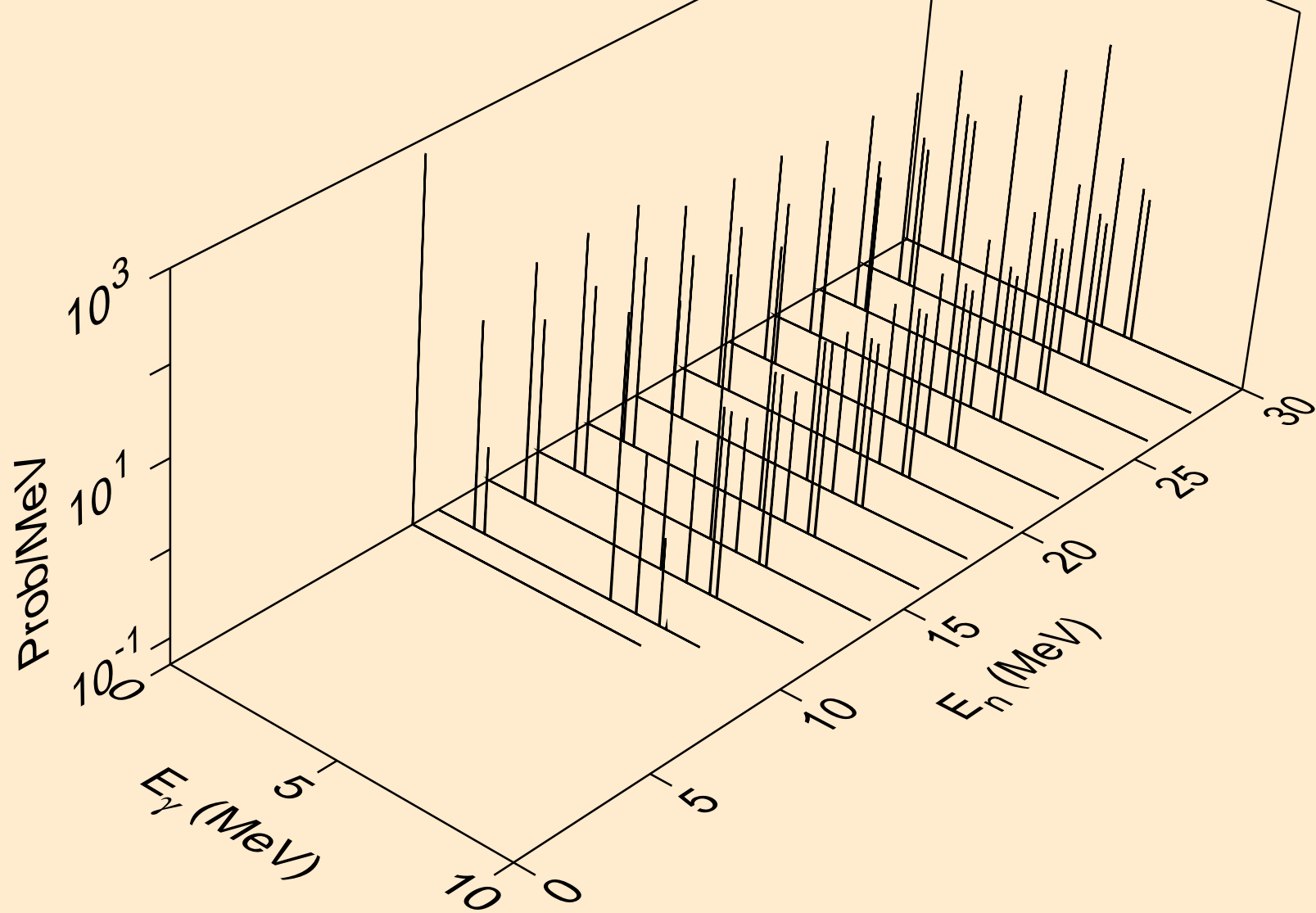
N013 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,gma)



N013 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p)

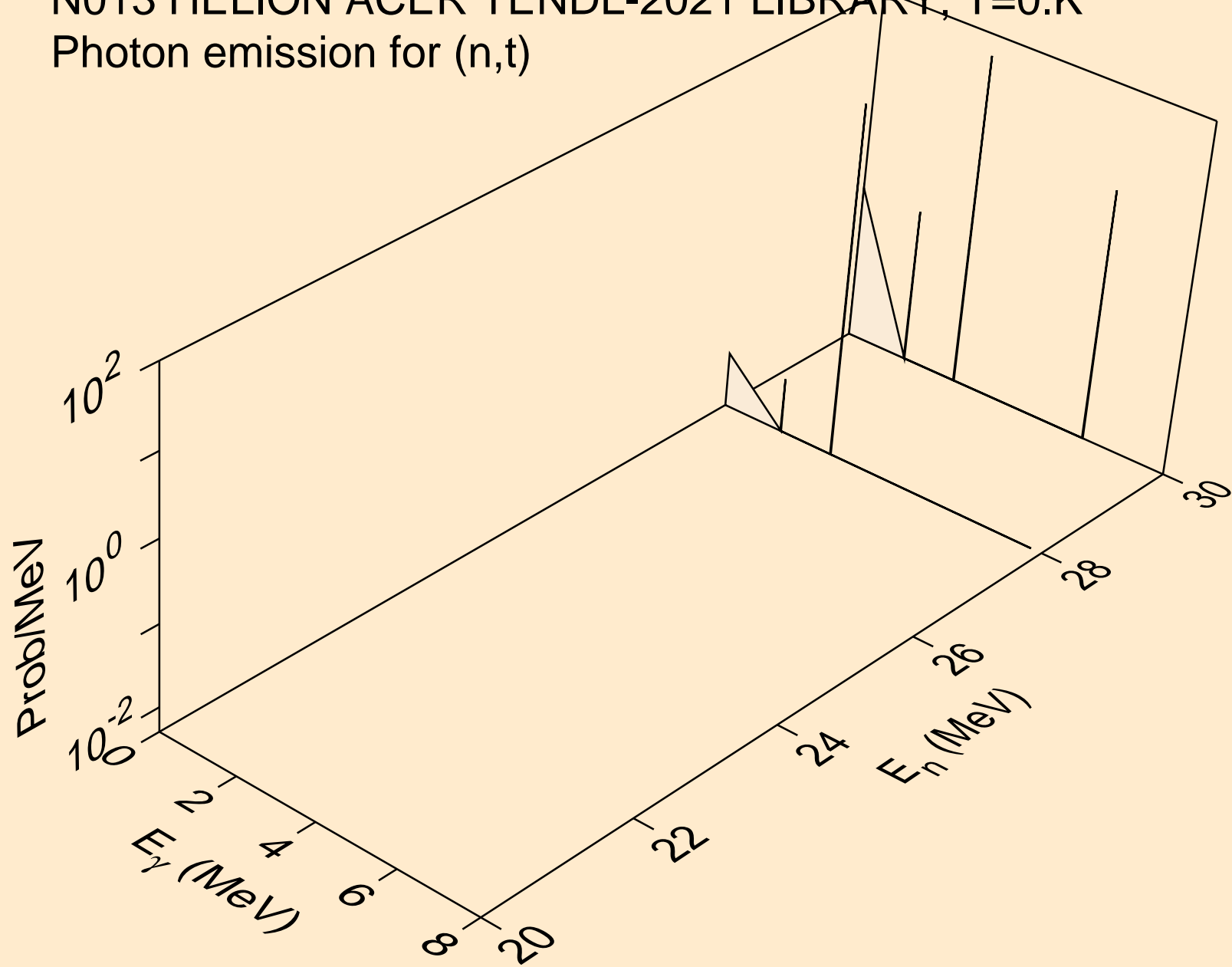


N013 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)

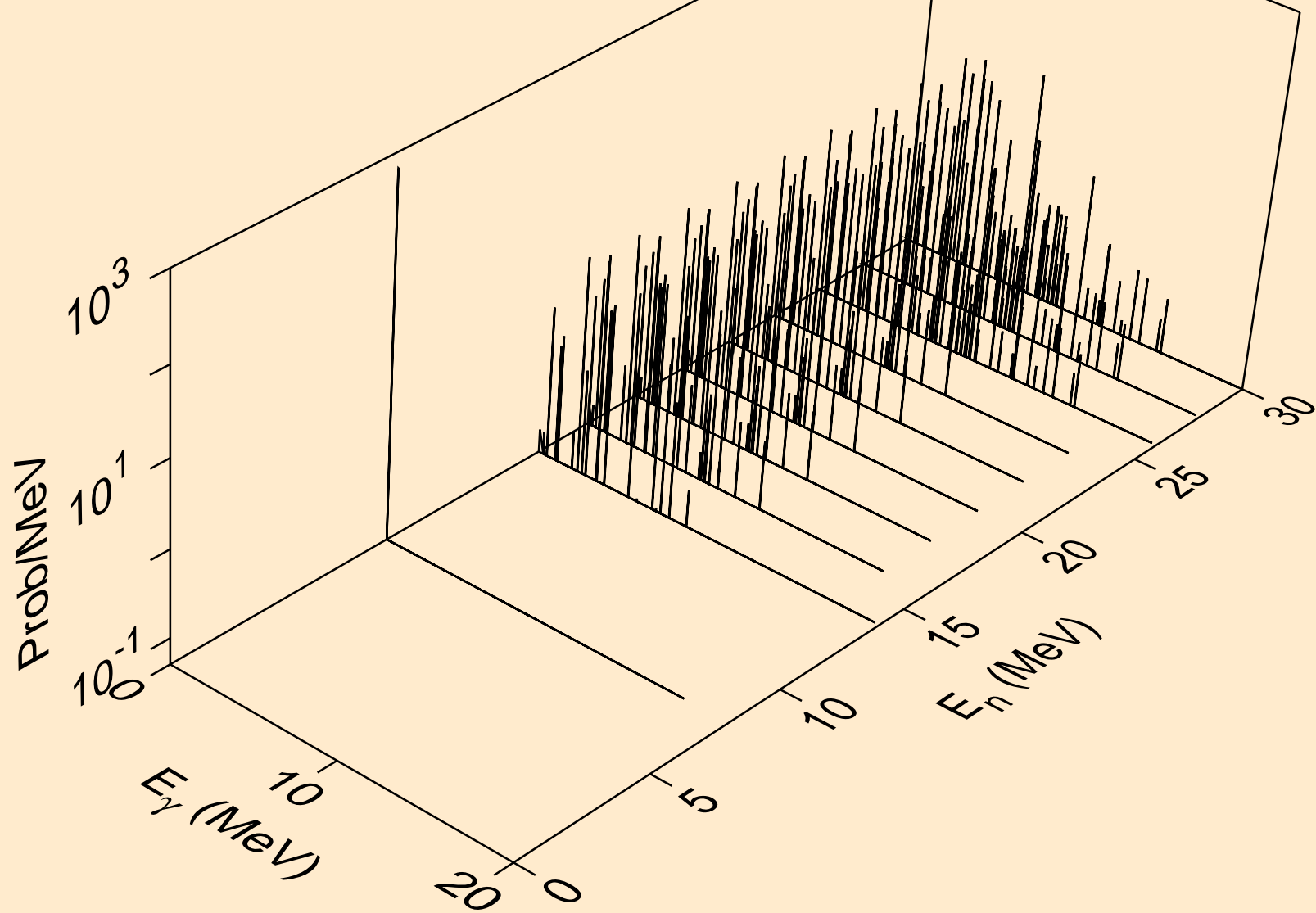




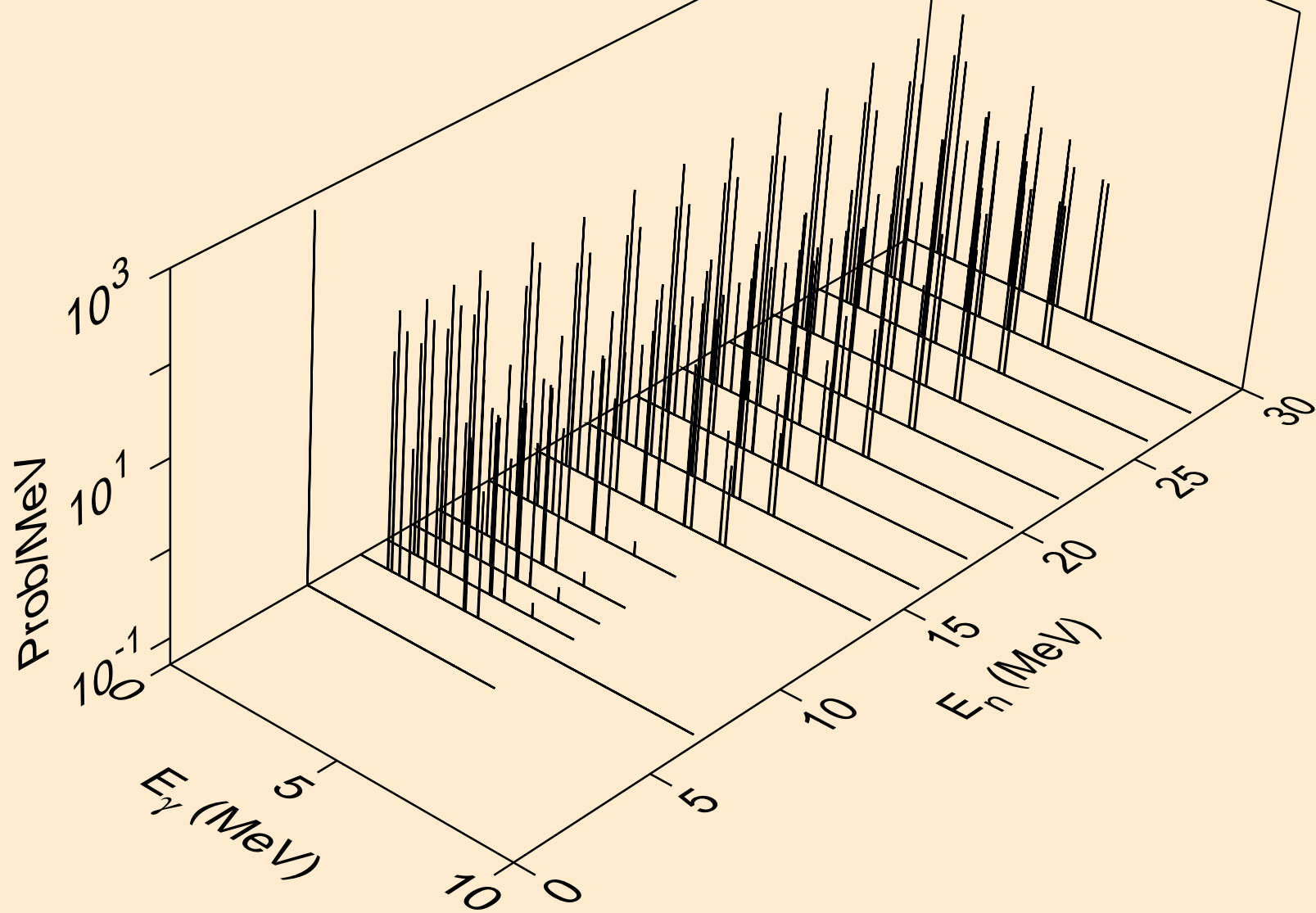
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Photon emission for (n,t)



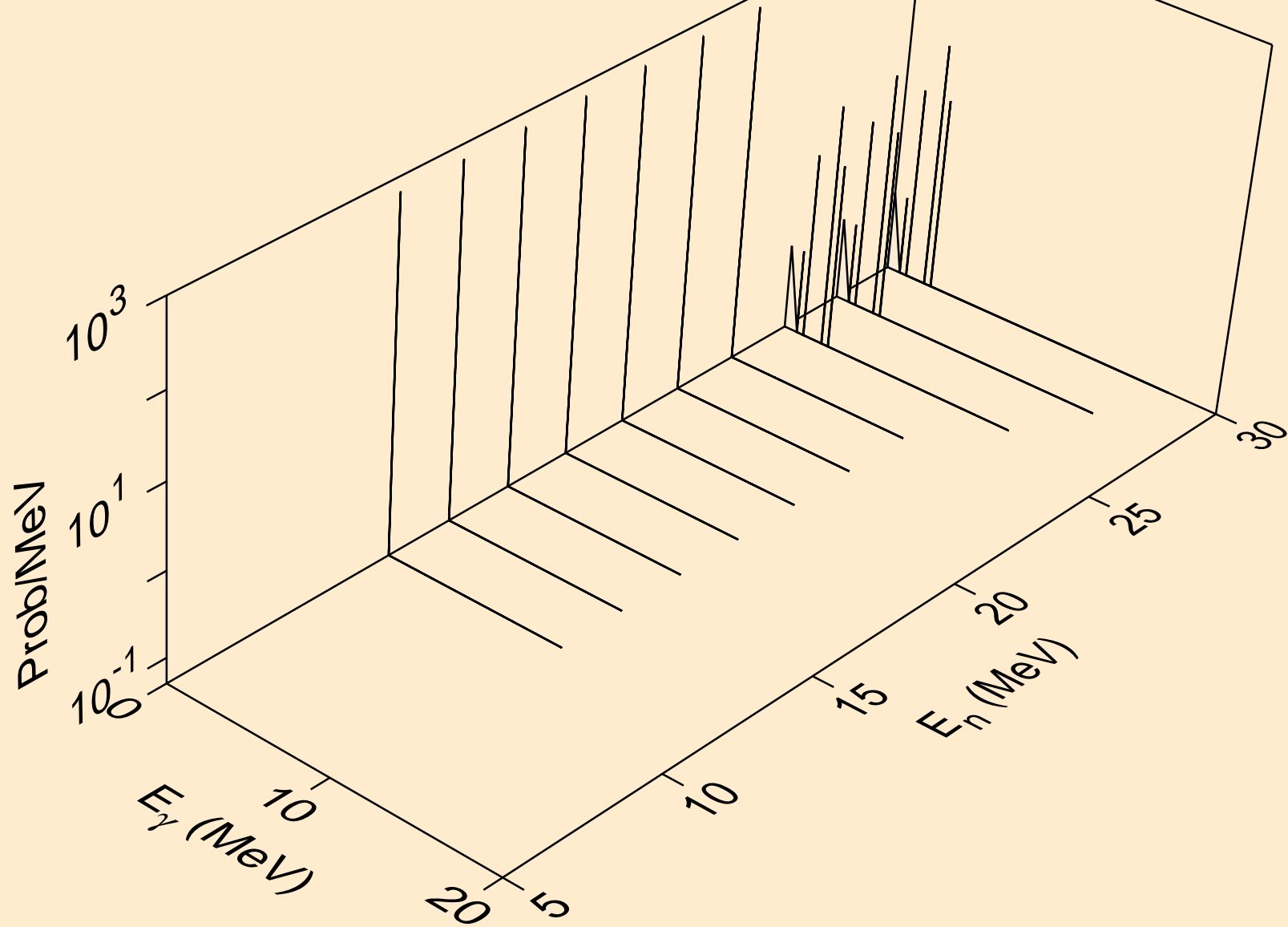
N013 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



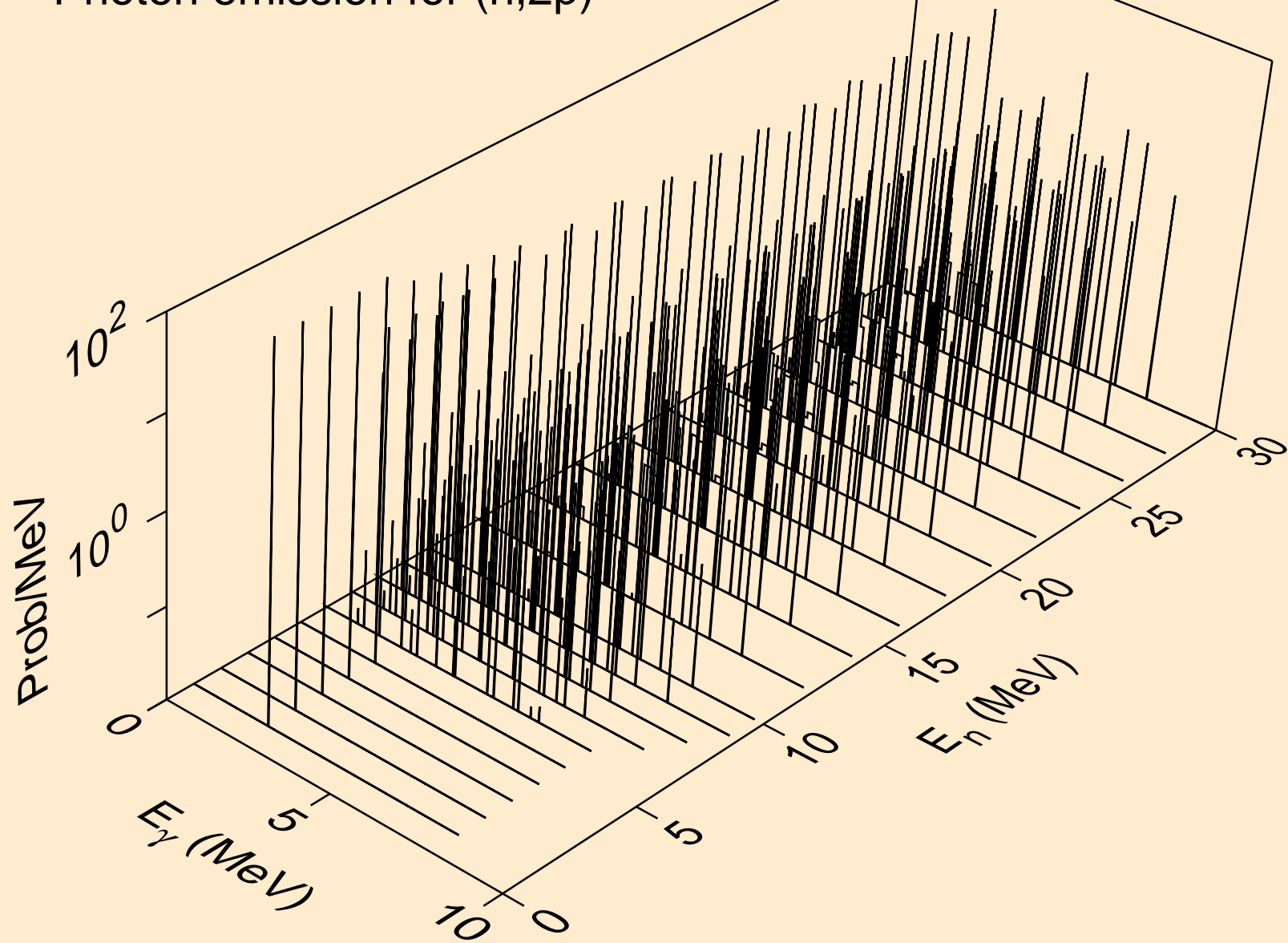
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Photon emission for (n,a)



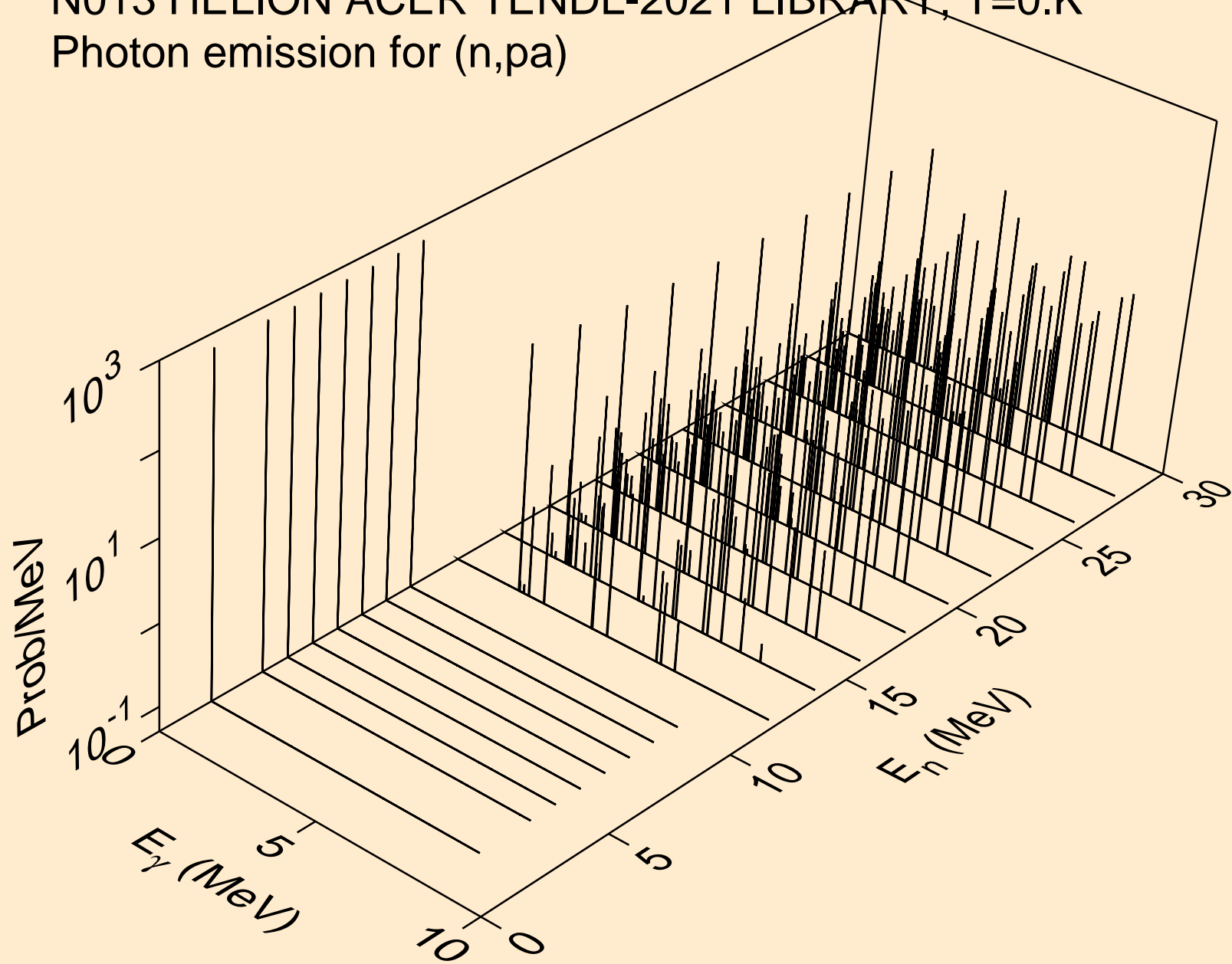
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Photon emission for (n,2a)



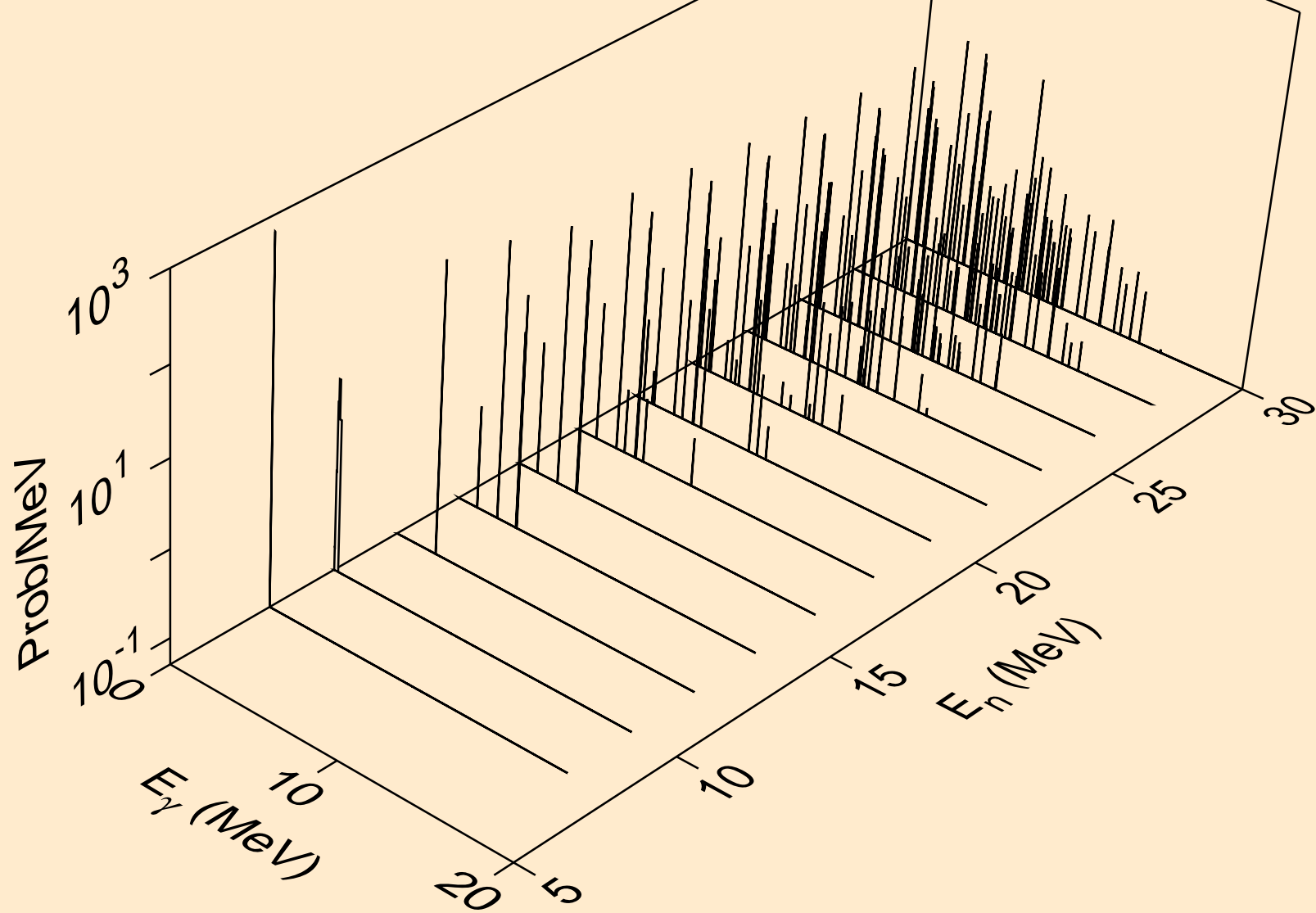
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Photon emission for (n,2p)



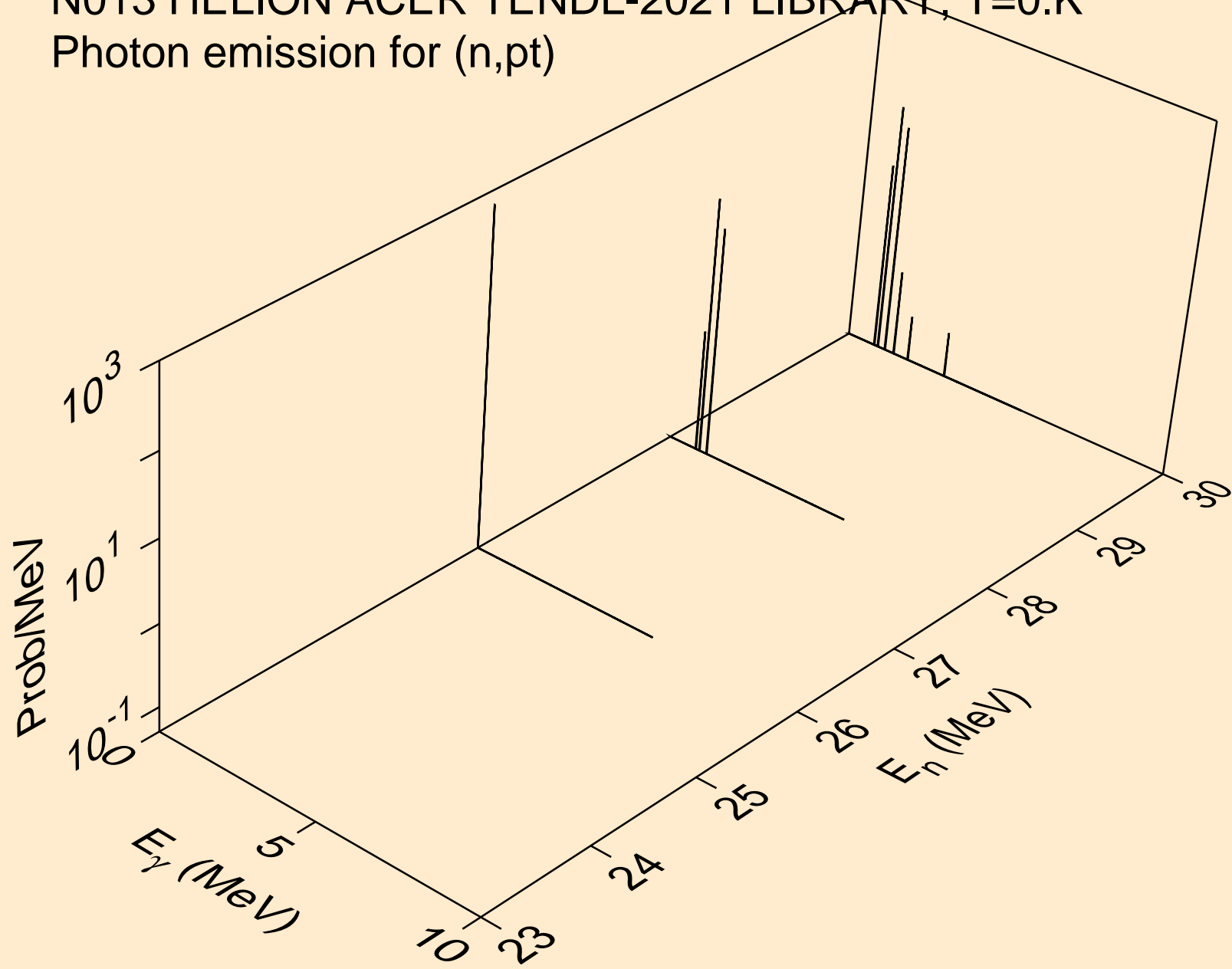
N013 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pa)



N013 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)

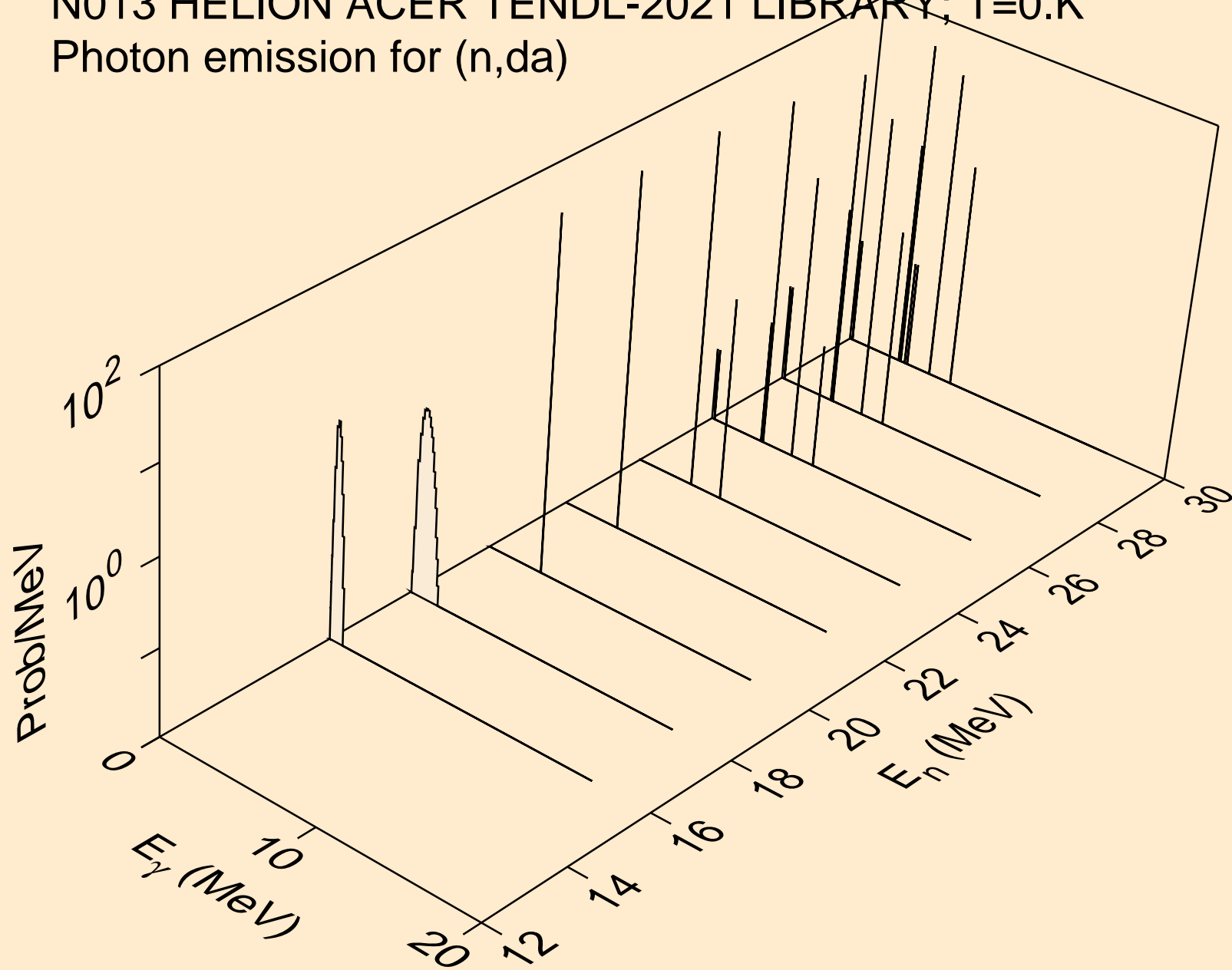


N013 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)



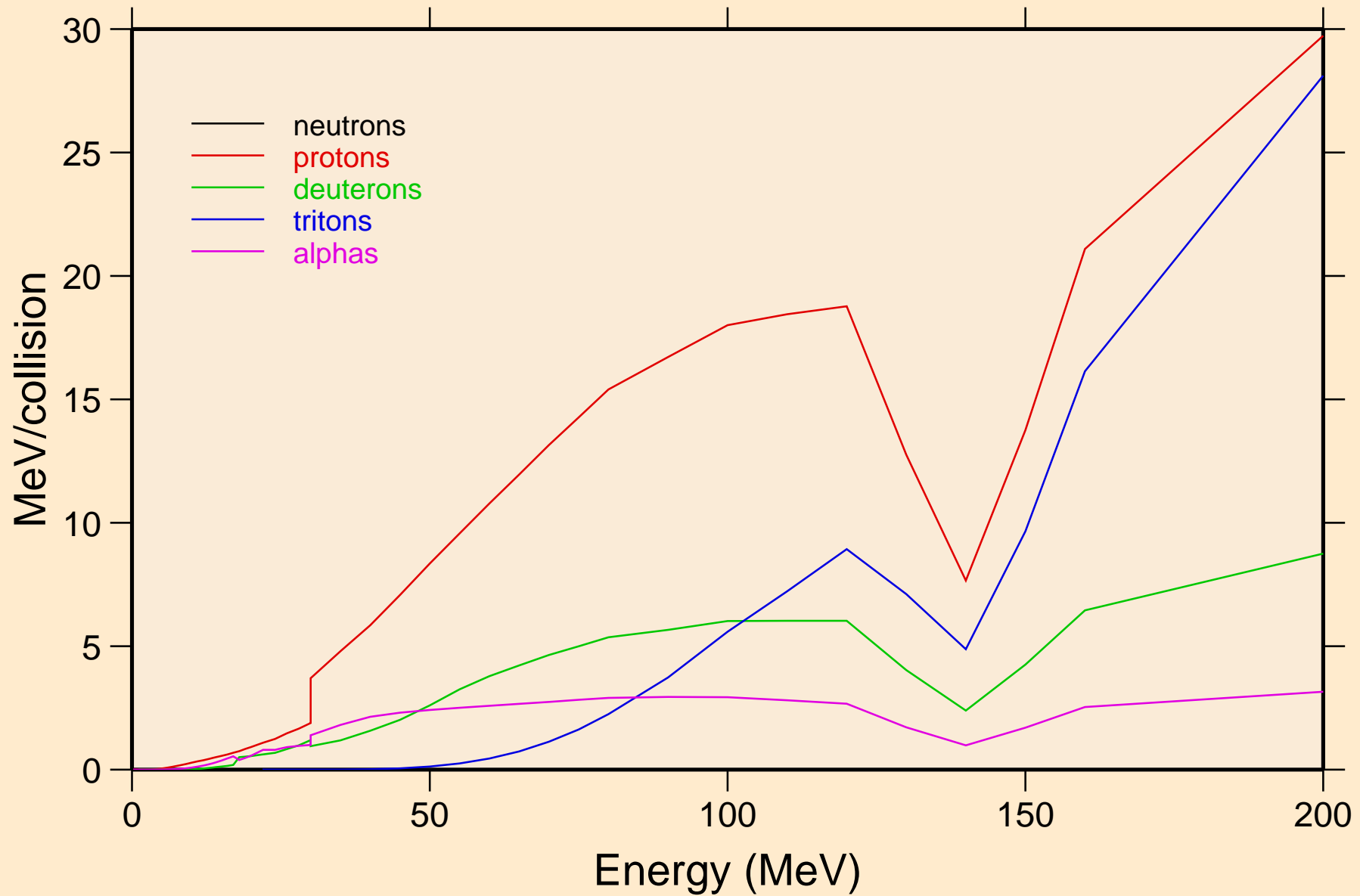


N013 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,da)

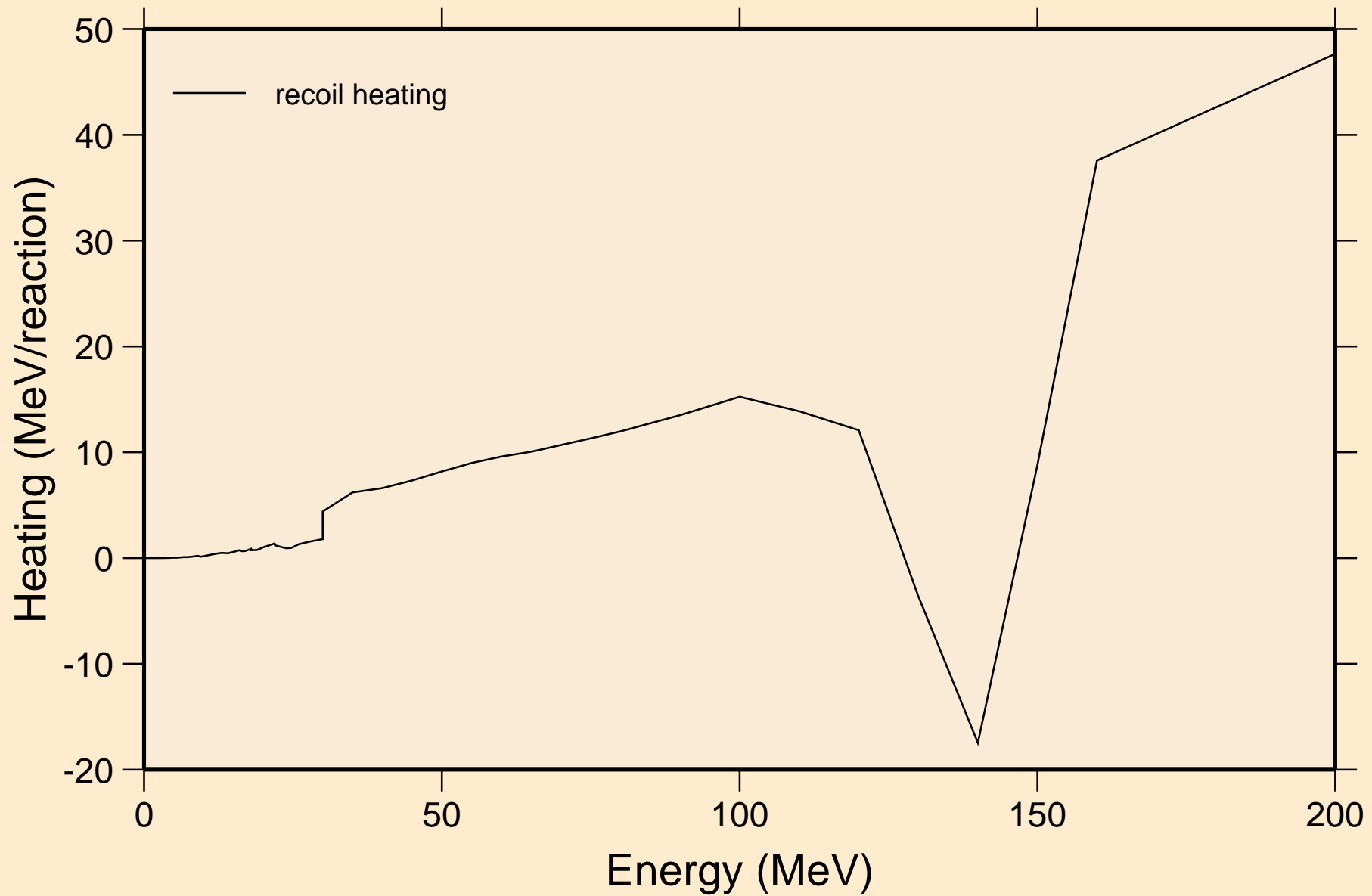


# N013 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Particle heating contributions

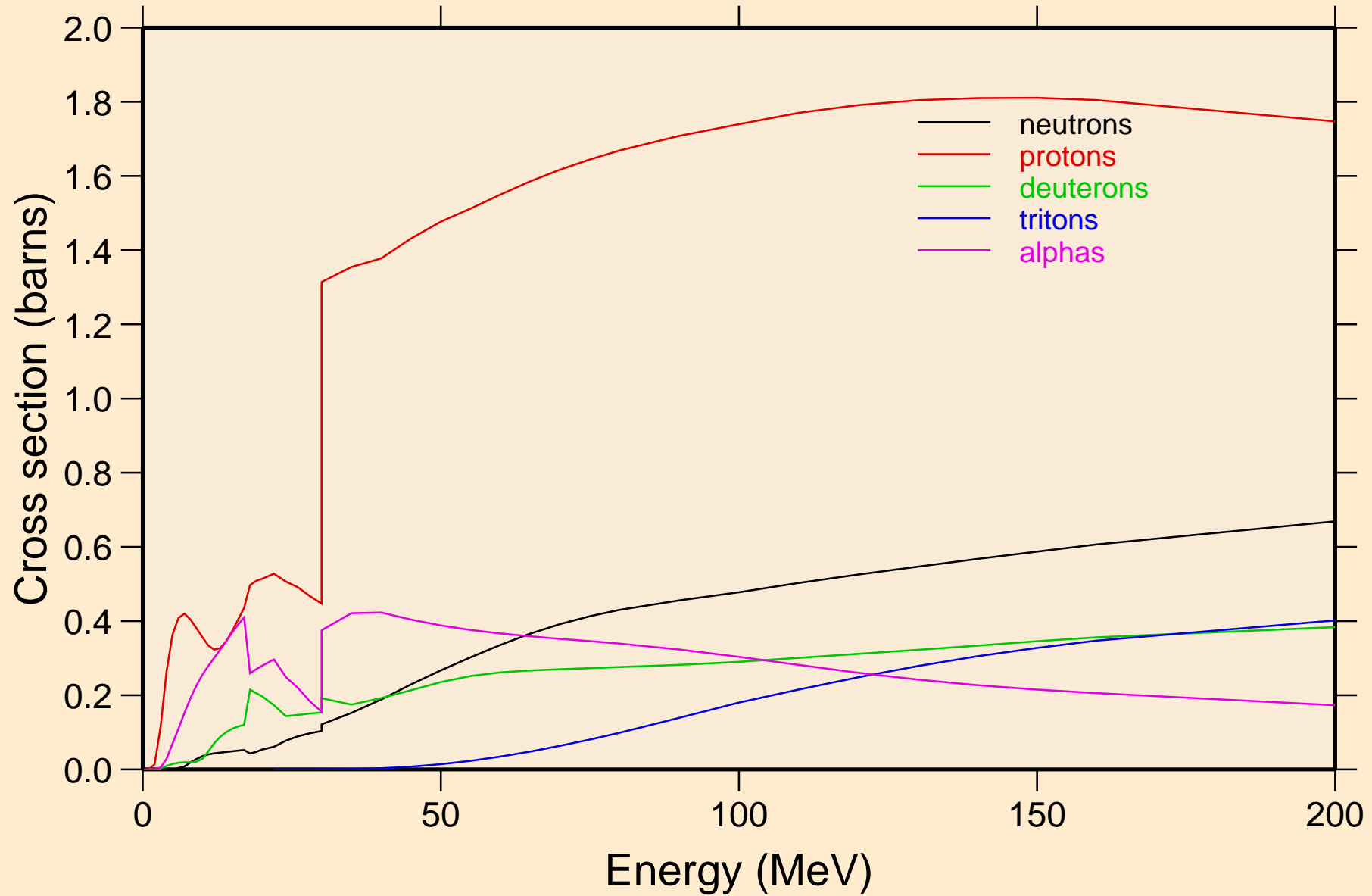


N013 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating

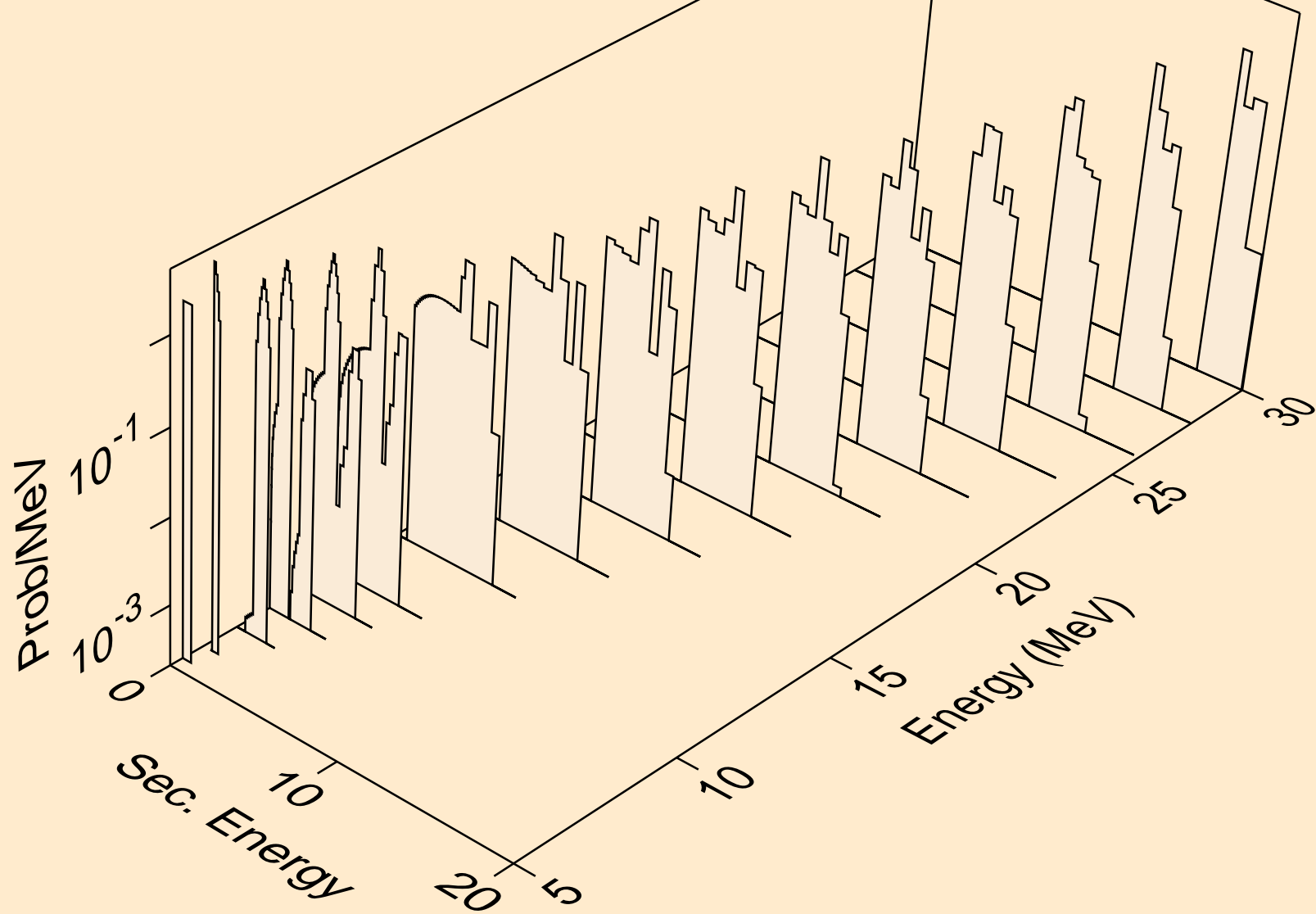


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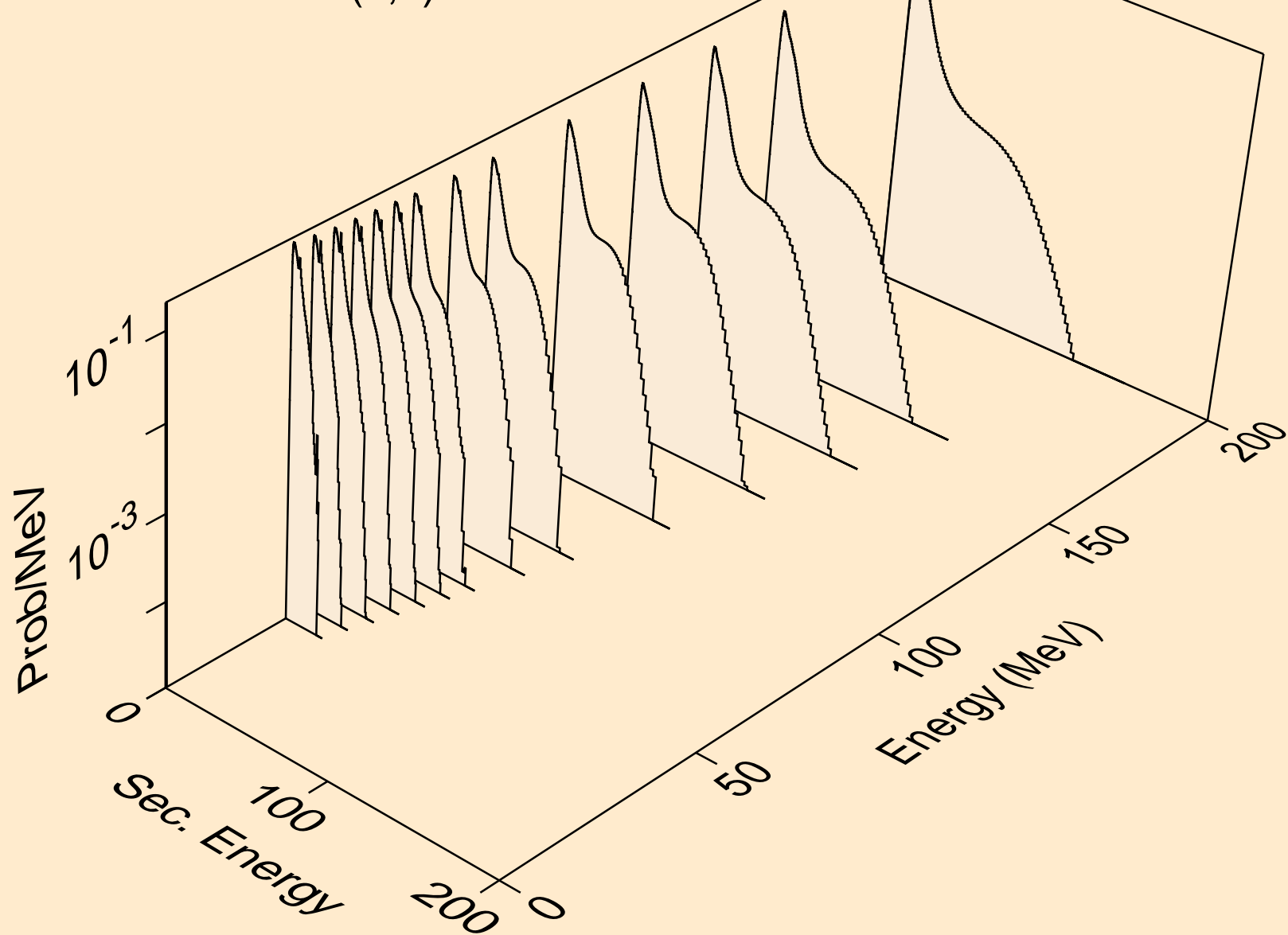
## Particle production cross sections



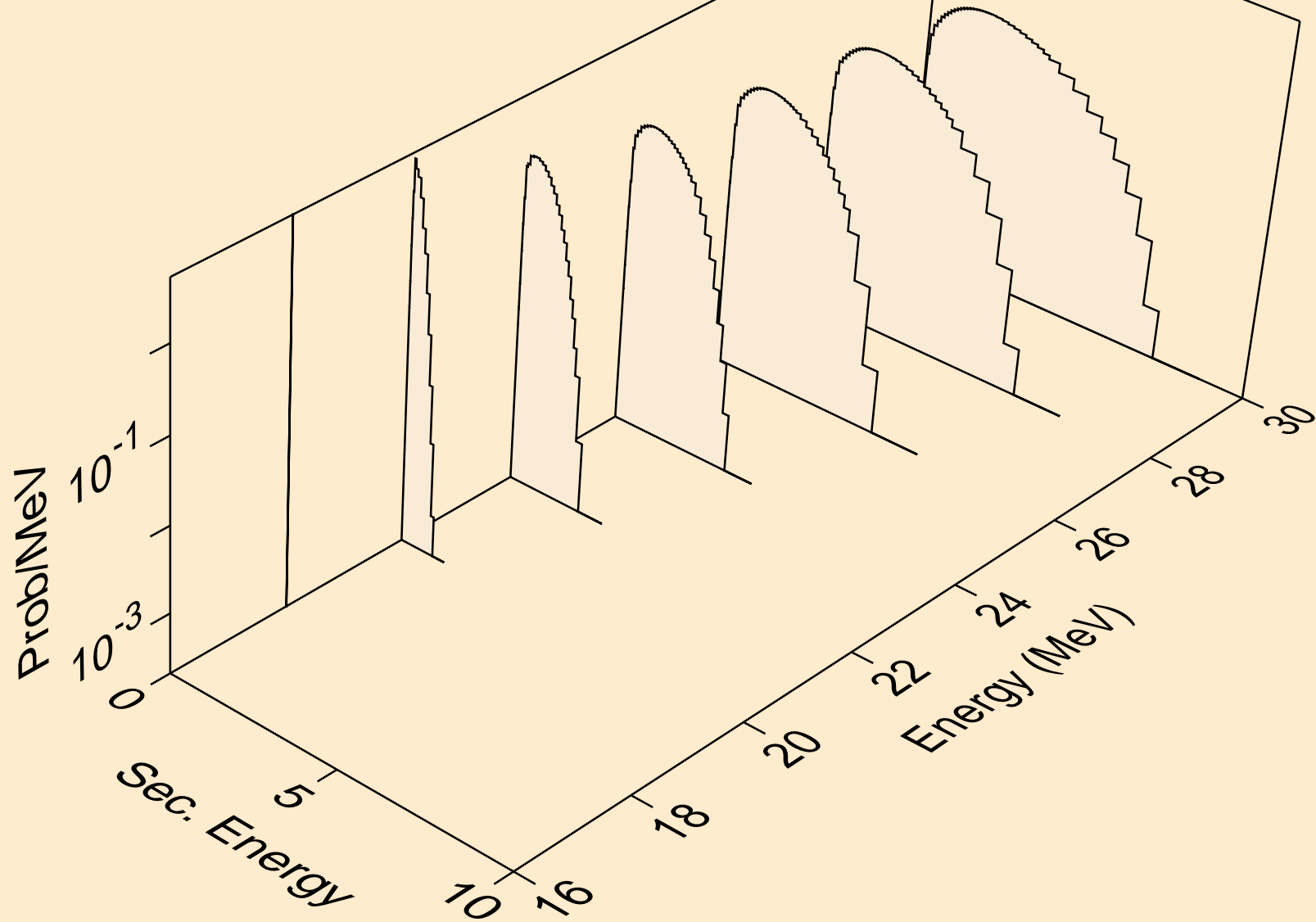
N013 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n)



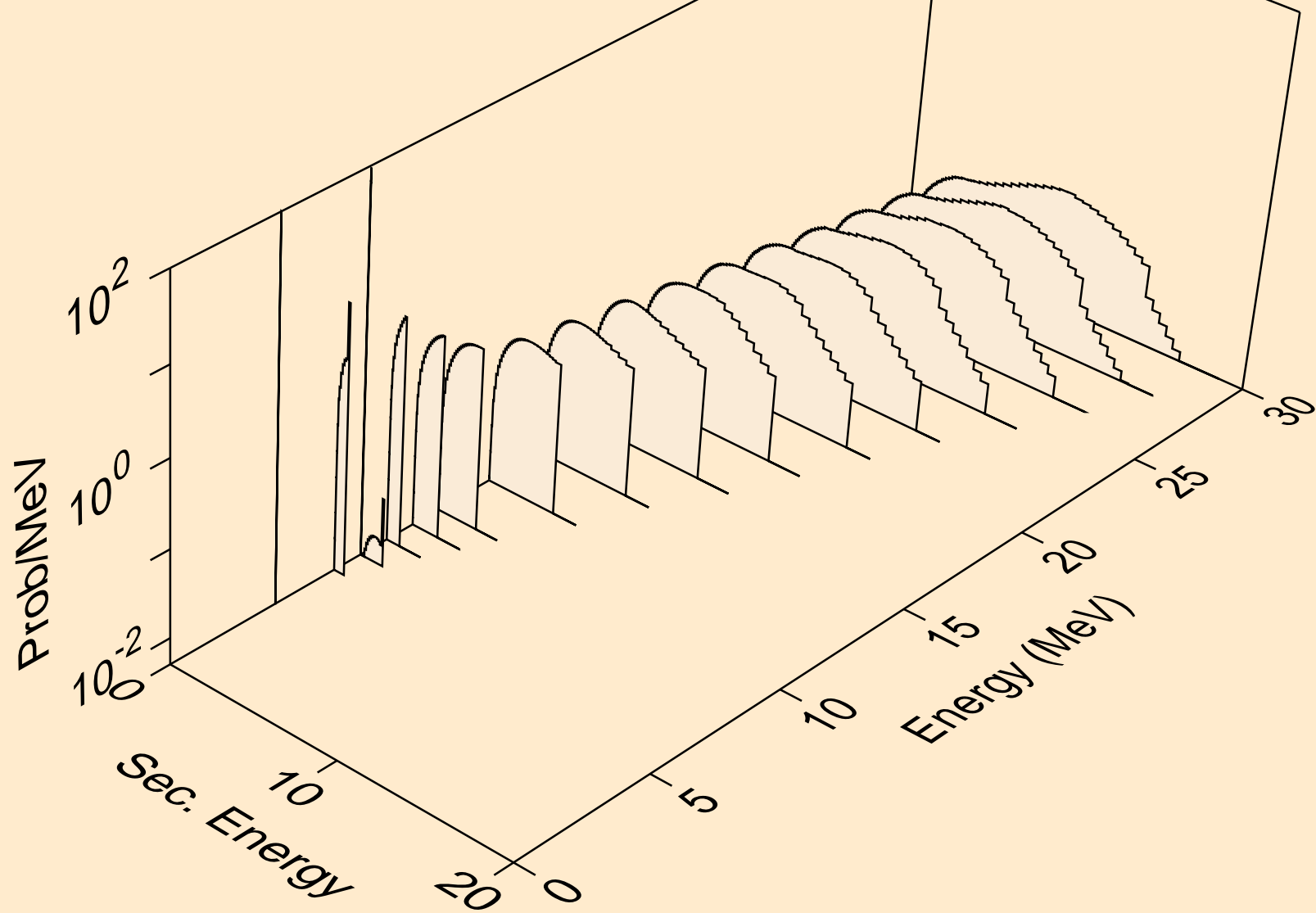
N013 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,x)



N013 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)a

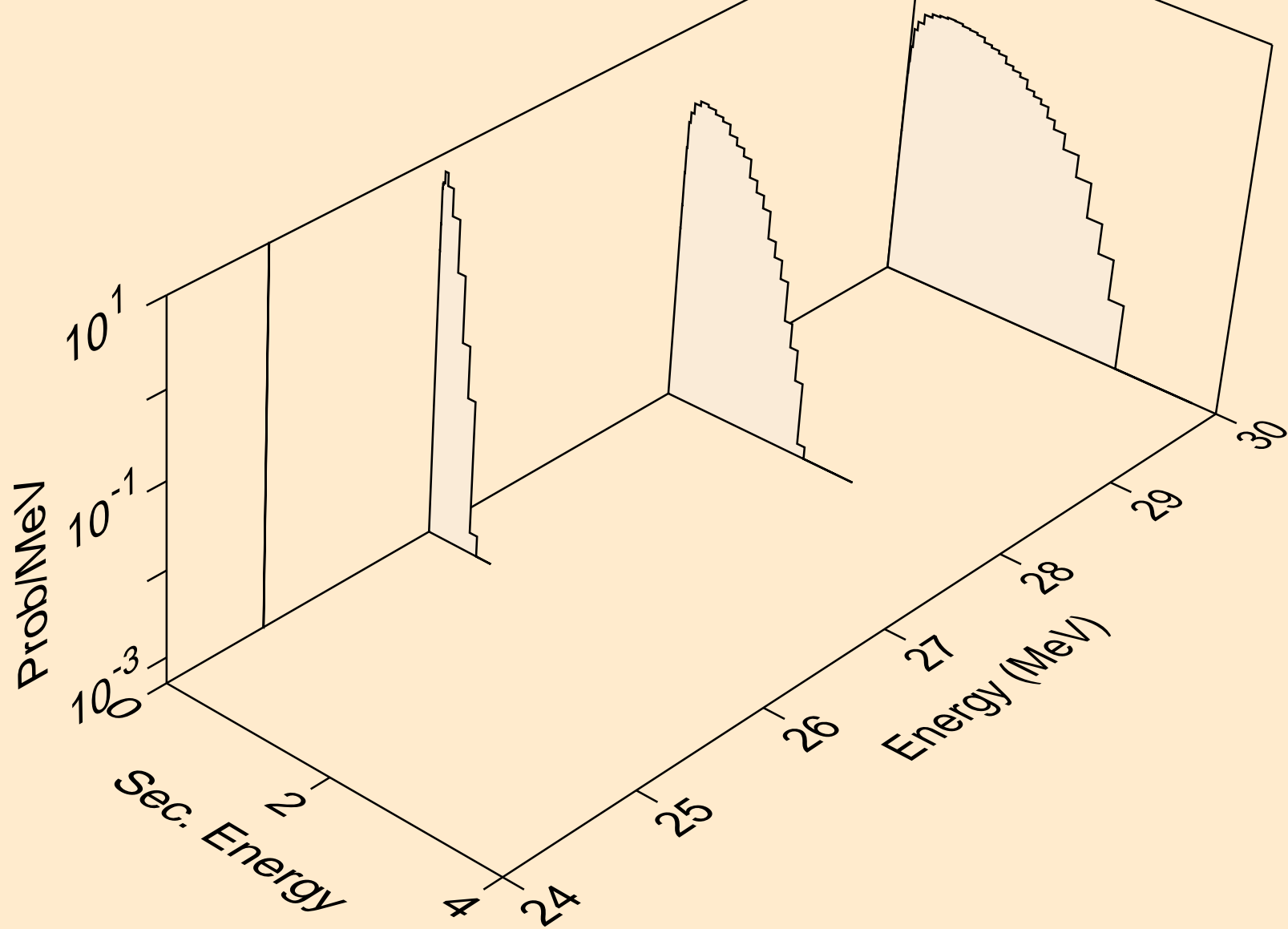


N013 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)p

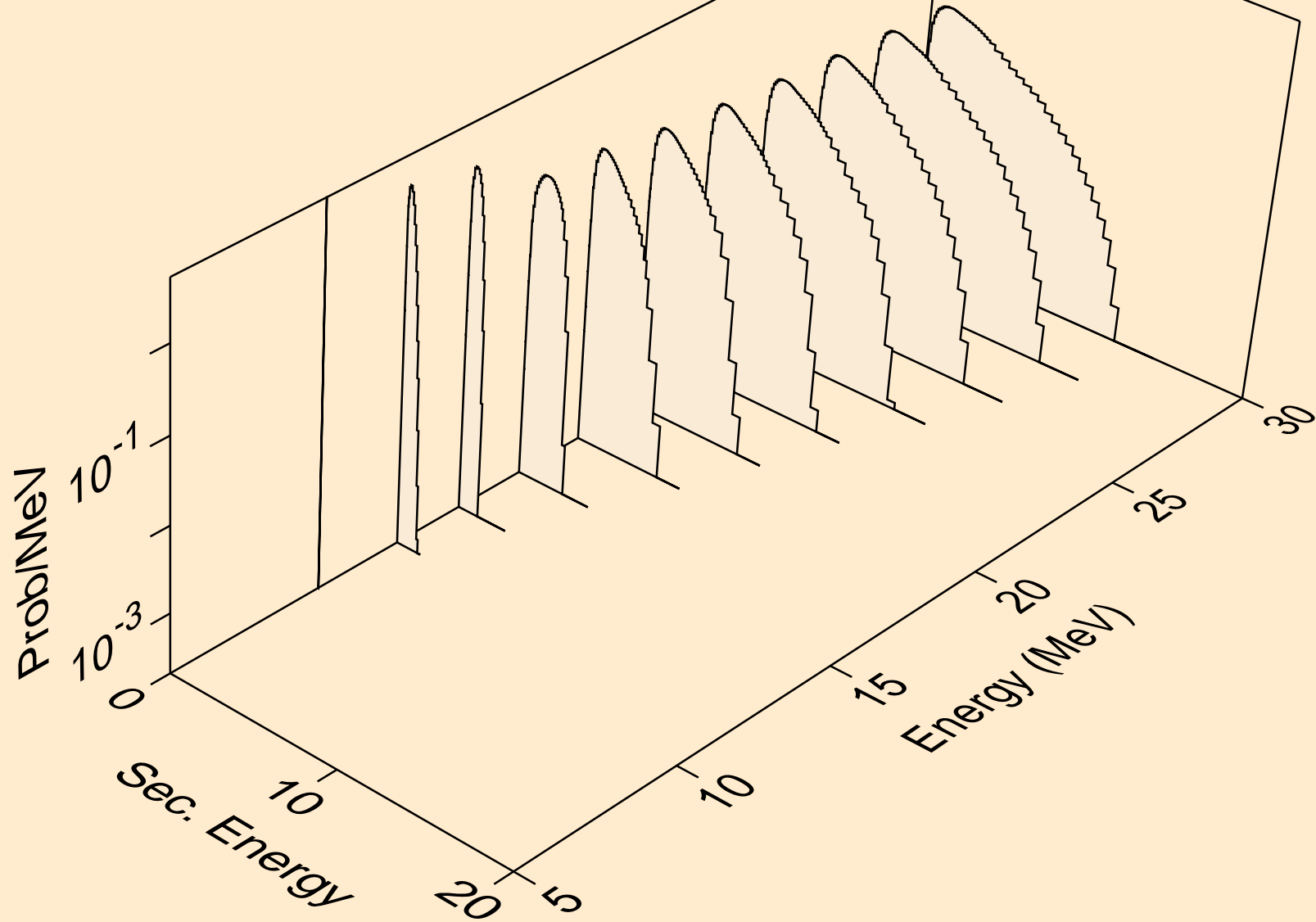




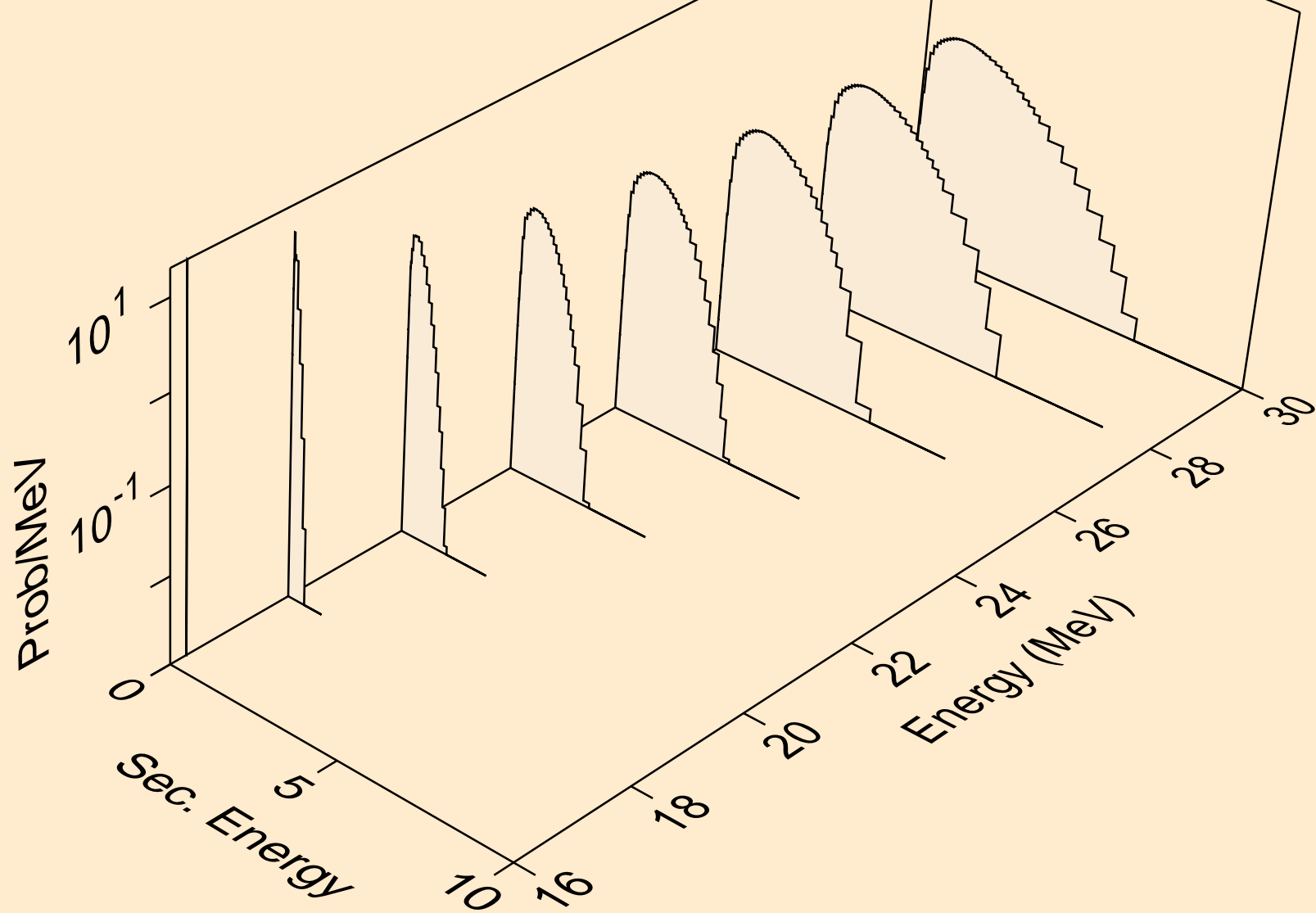
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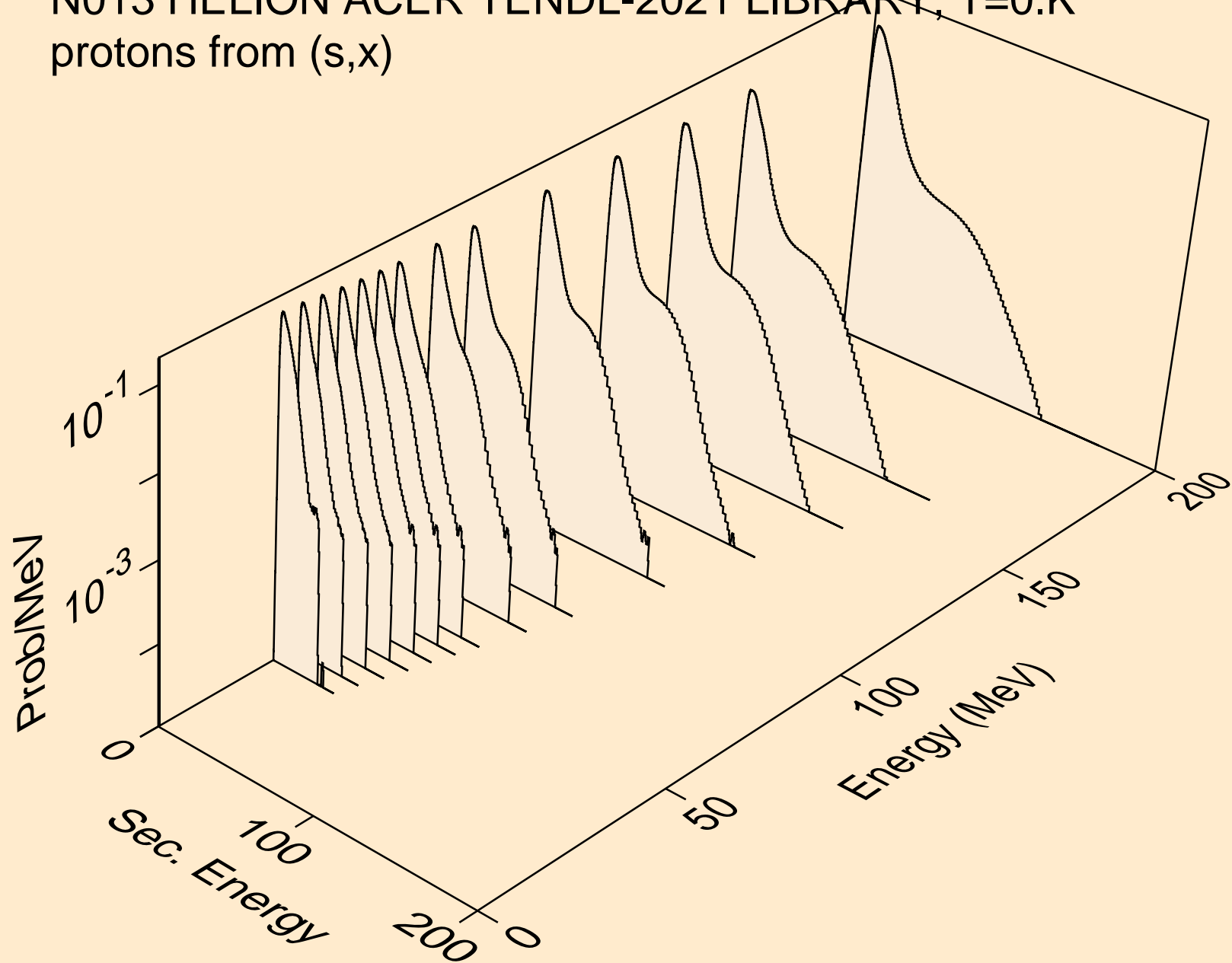
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neutrons from (s,2np)



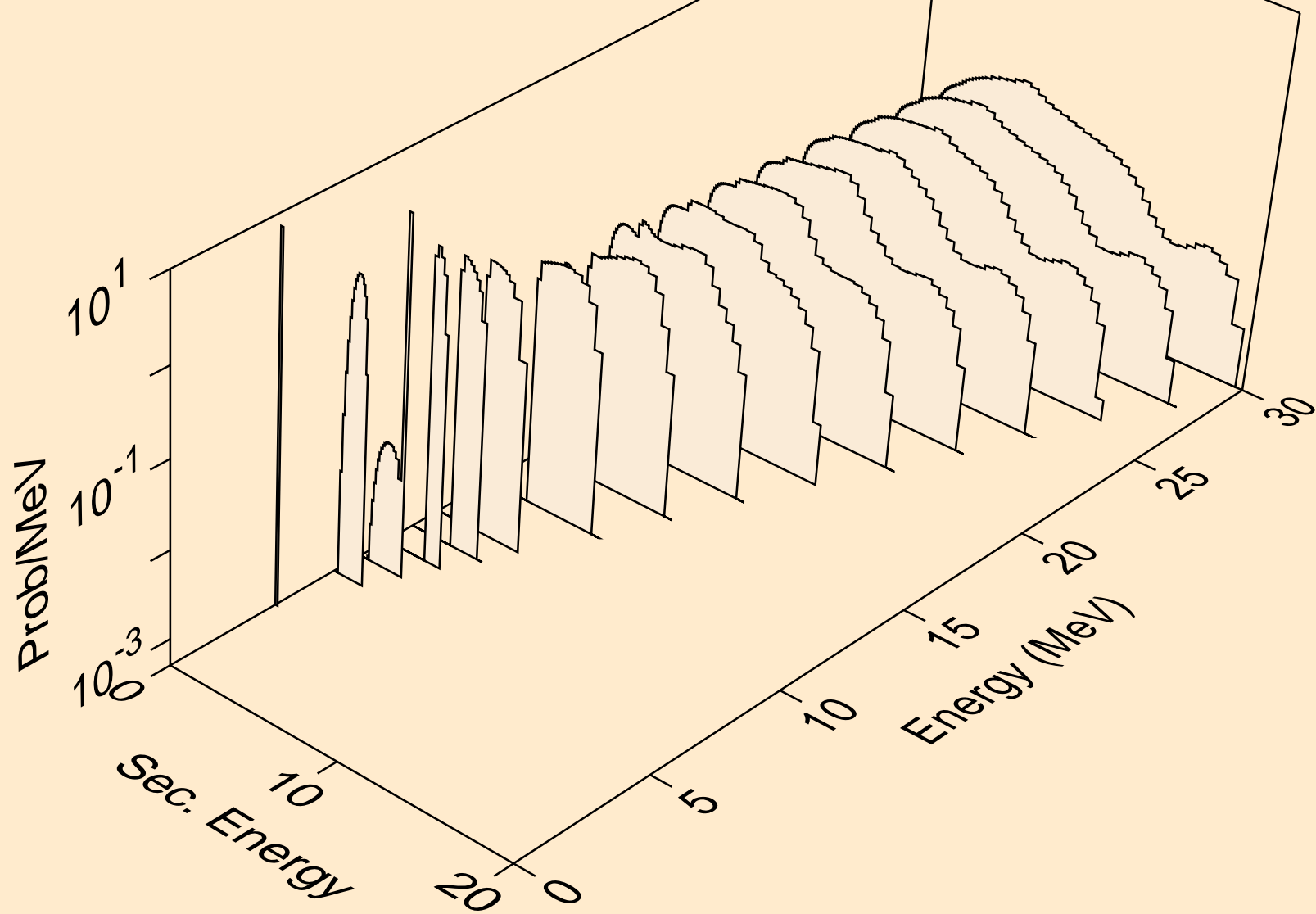
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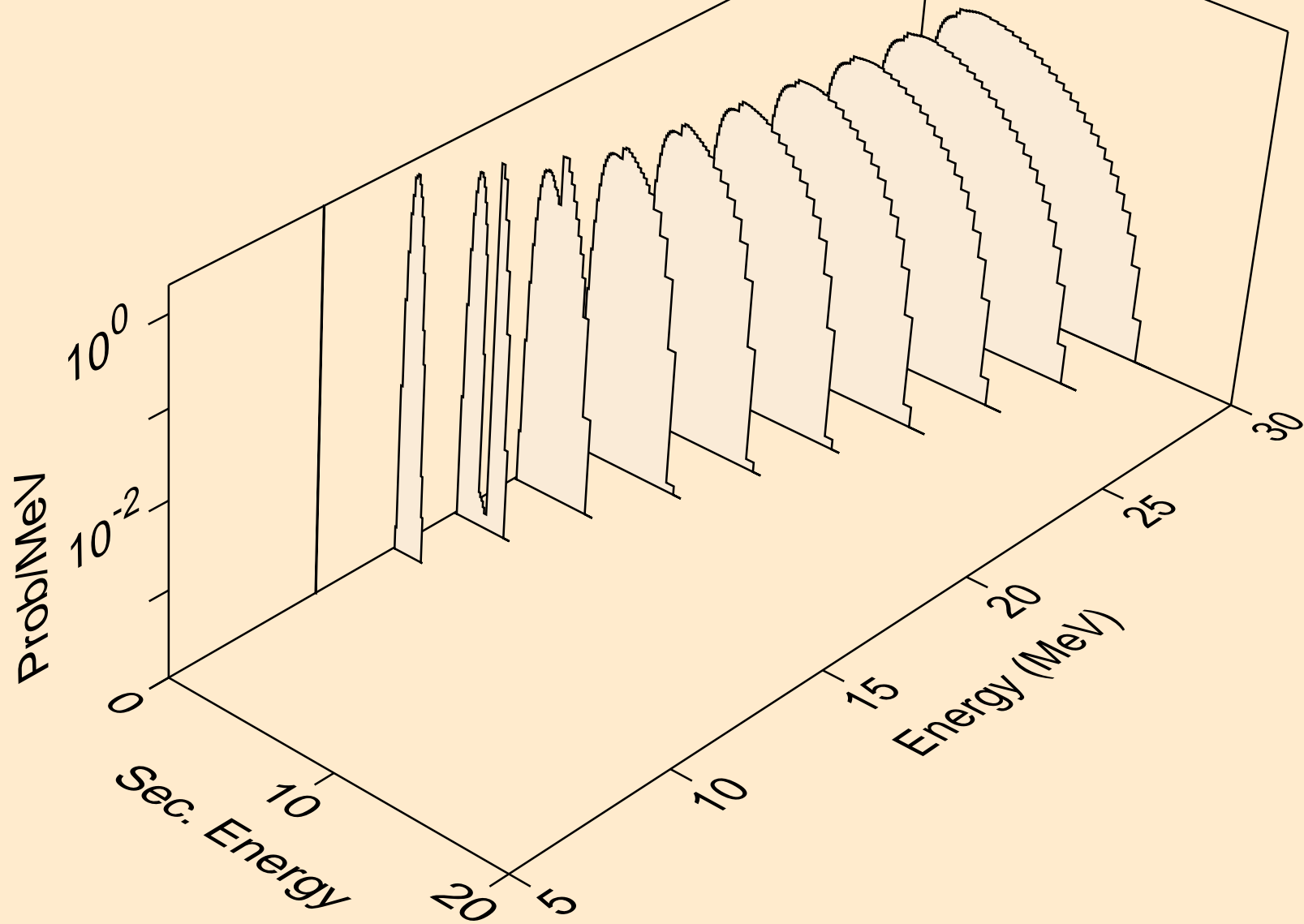
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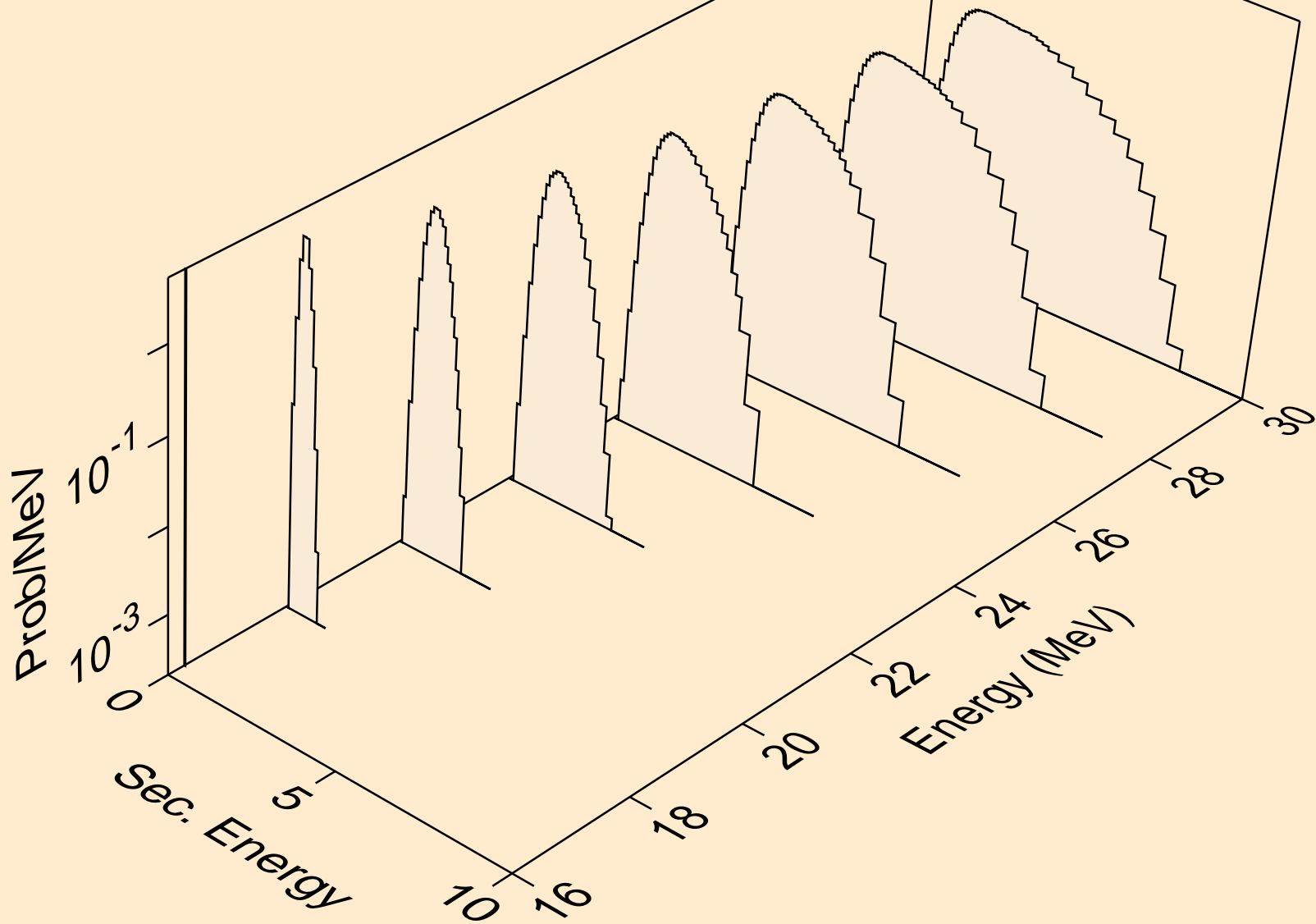
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protons from (s,n\*)p



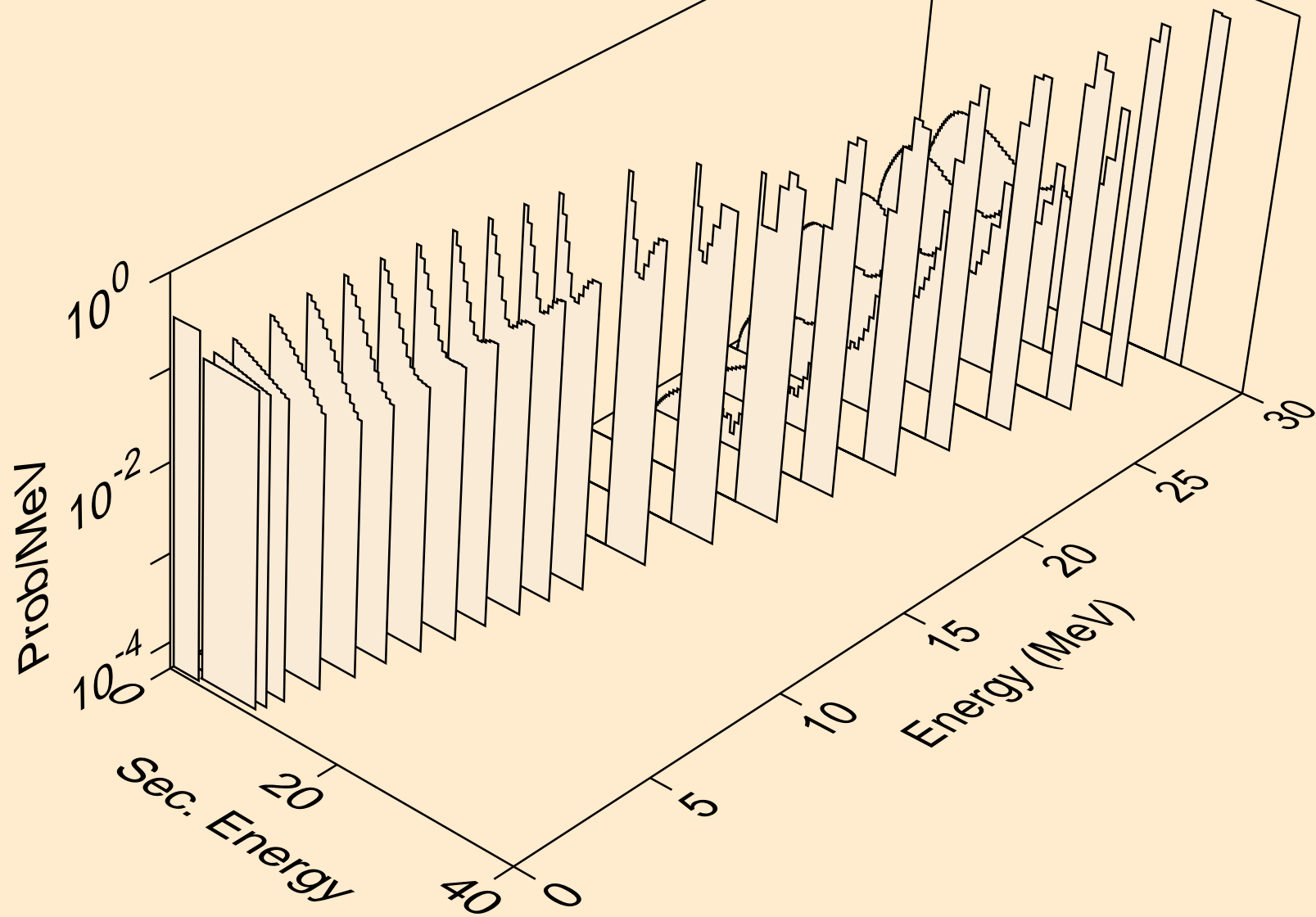
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protons from (s,npa)

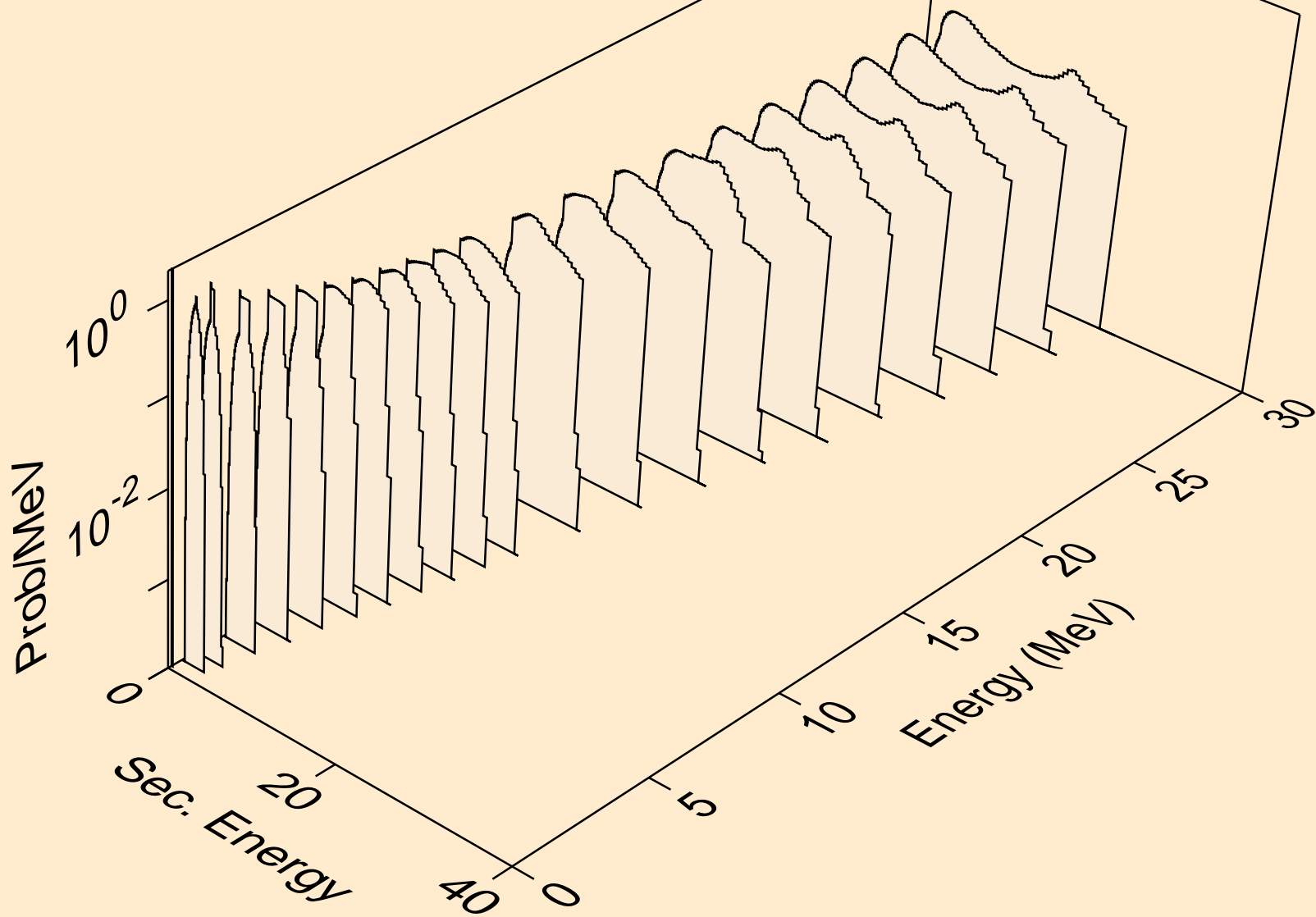


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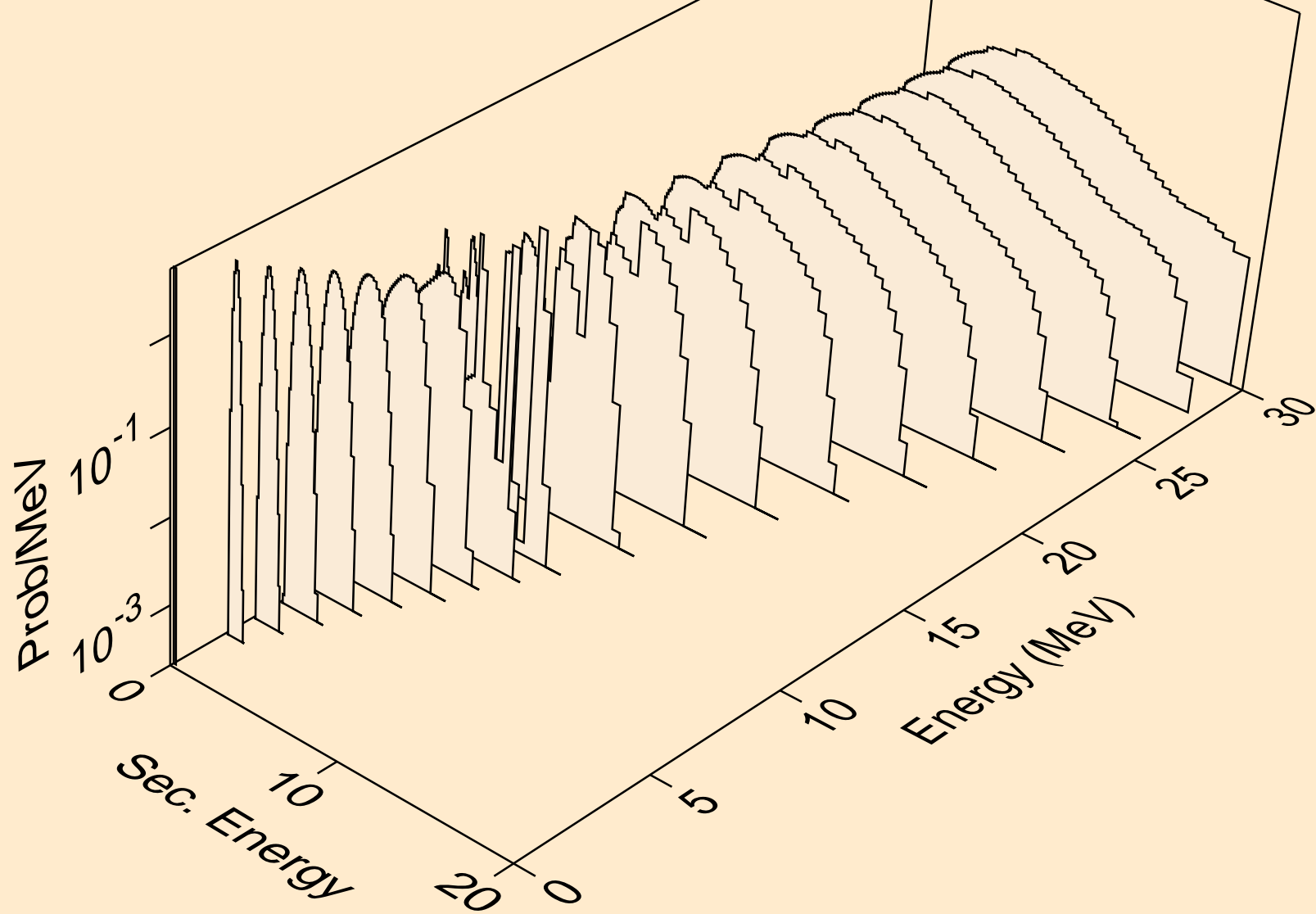




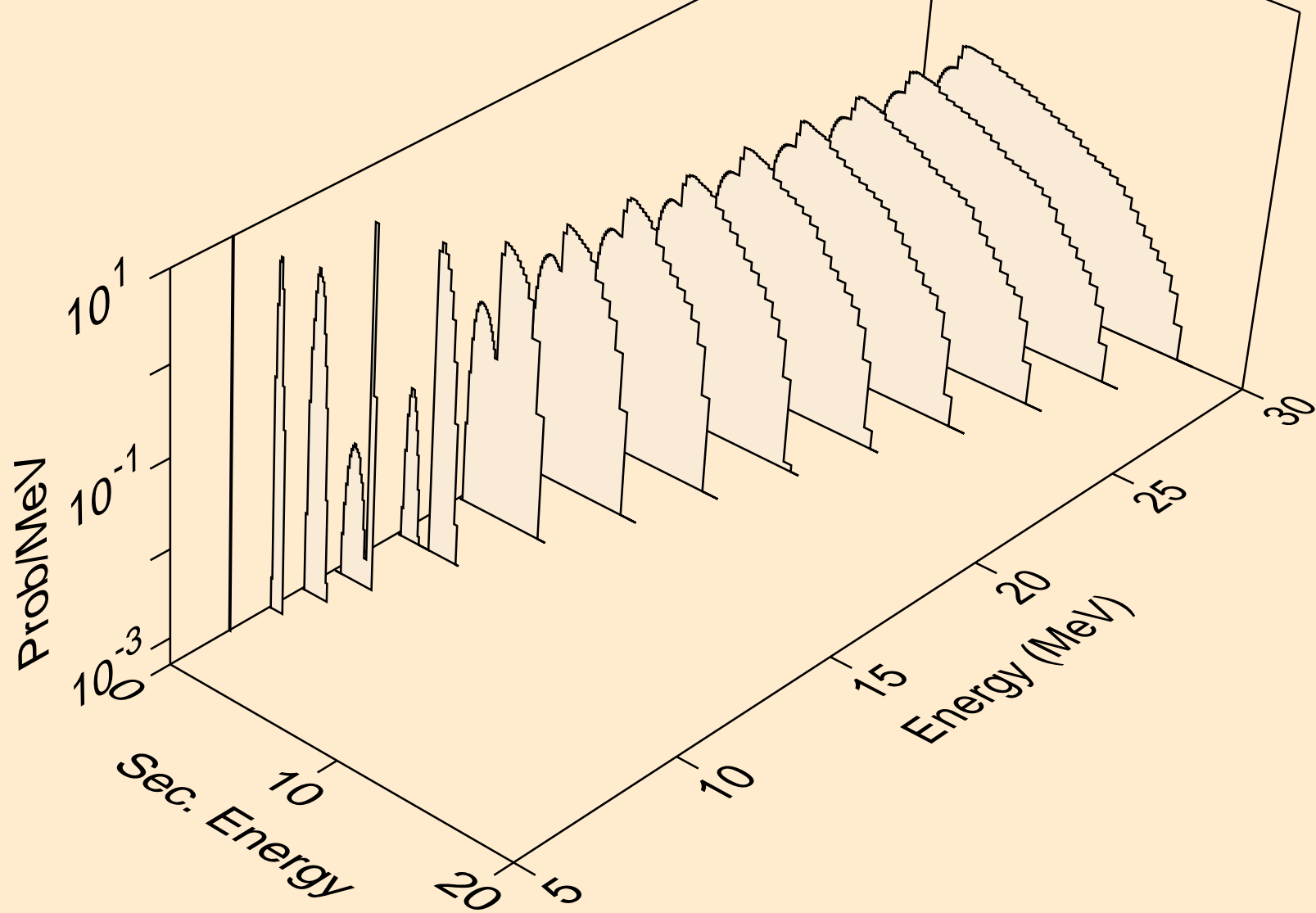
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protons from (s,2p)



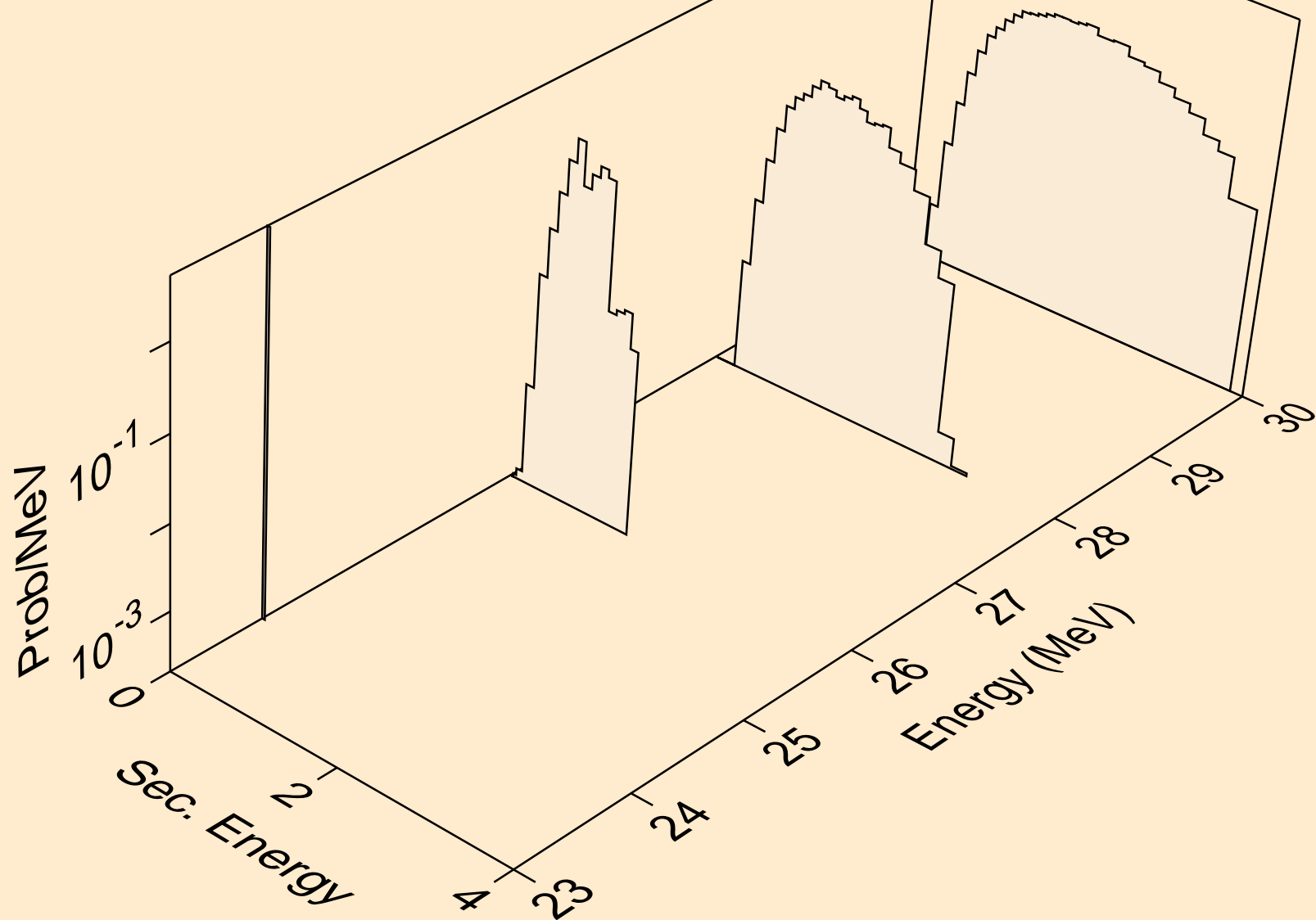
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protons from (s,pa)



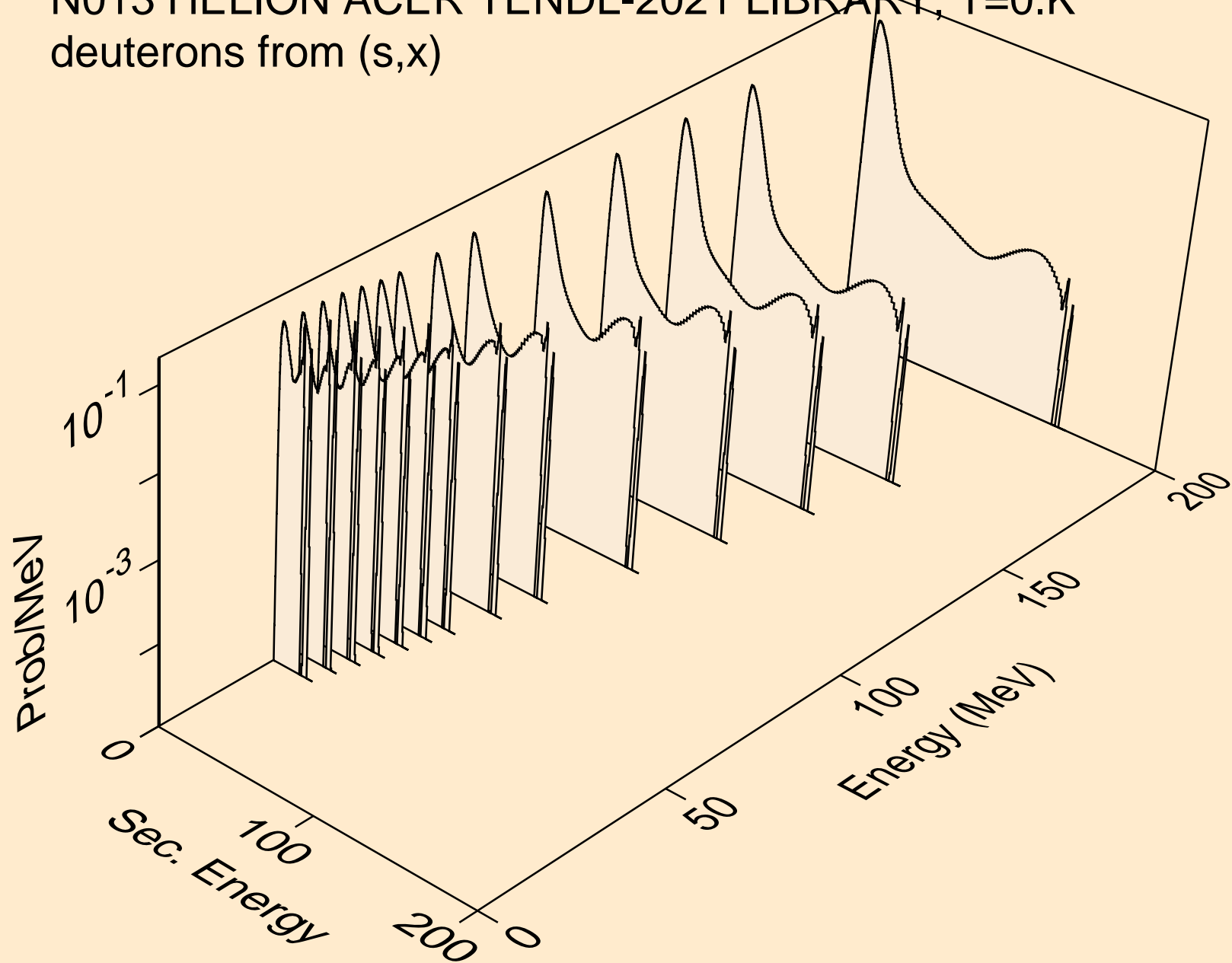
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protons from (s,pd)



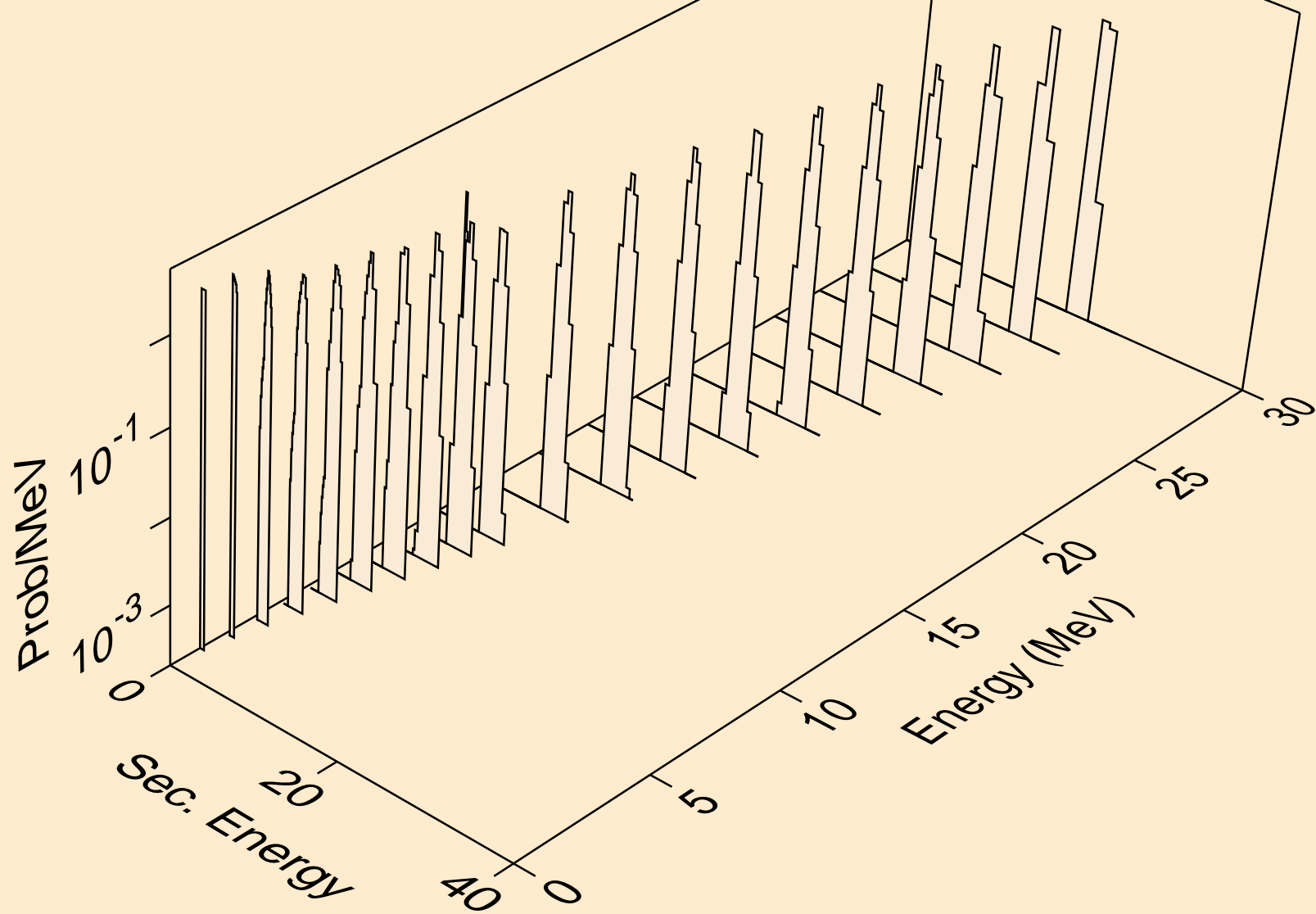
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protons from (s,pt)



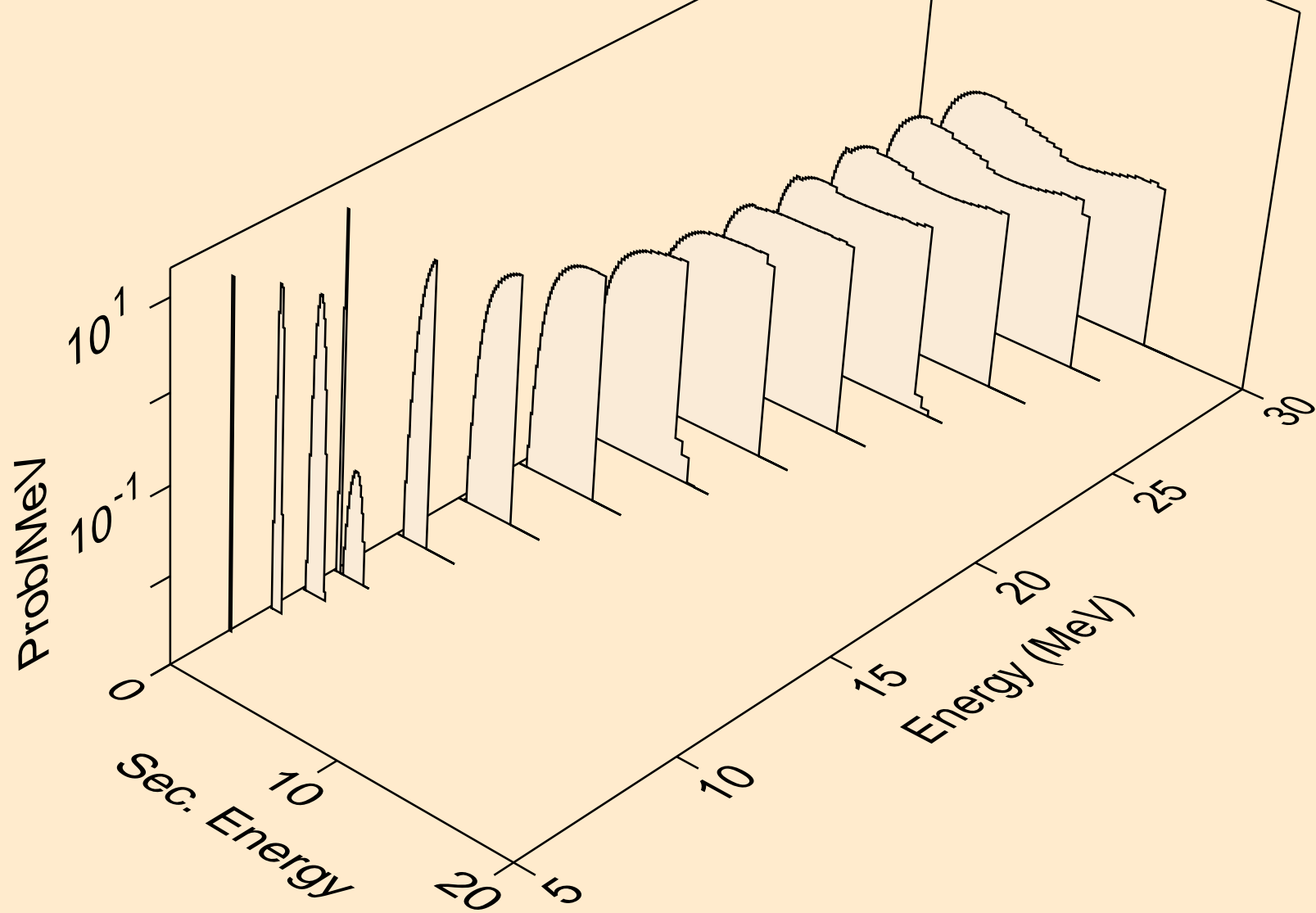
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deuterons from (s,x)



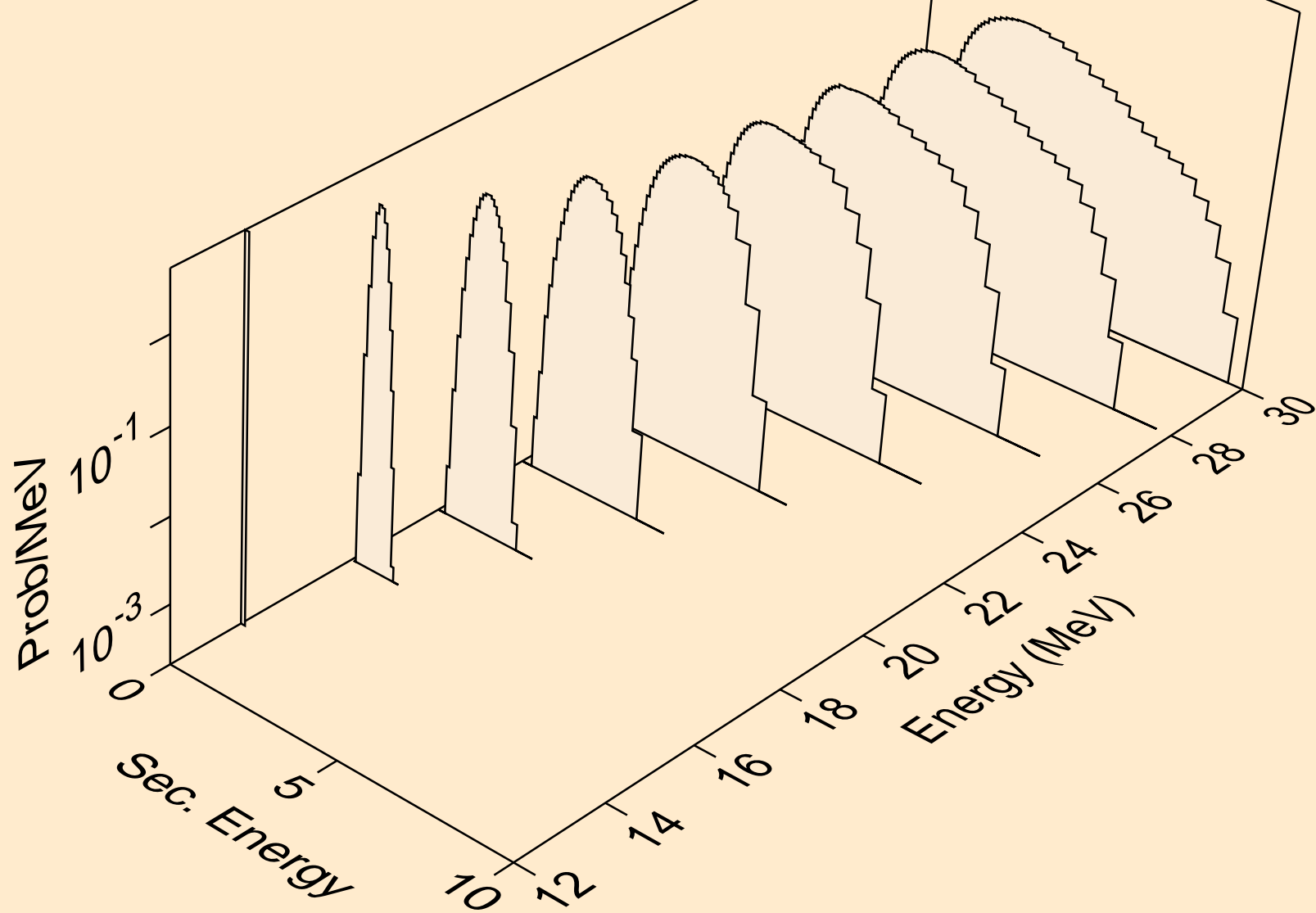
N013 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,d)



N013 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,pd)

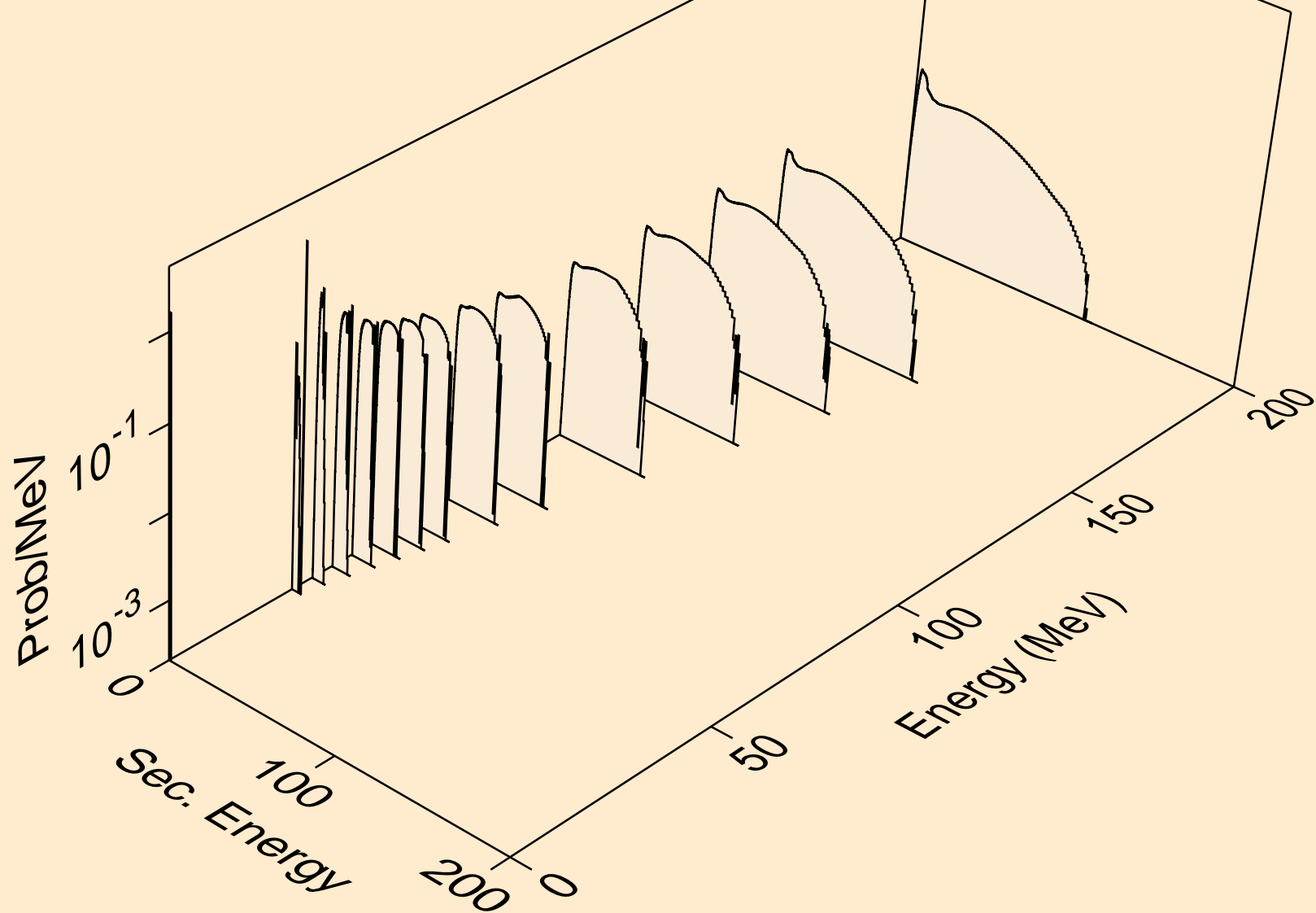


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deuterons from (s,da)

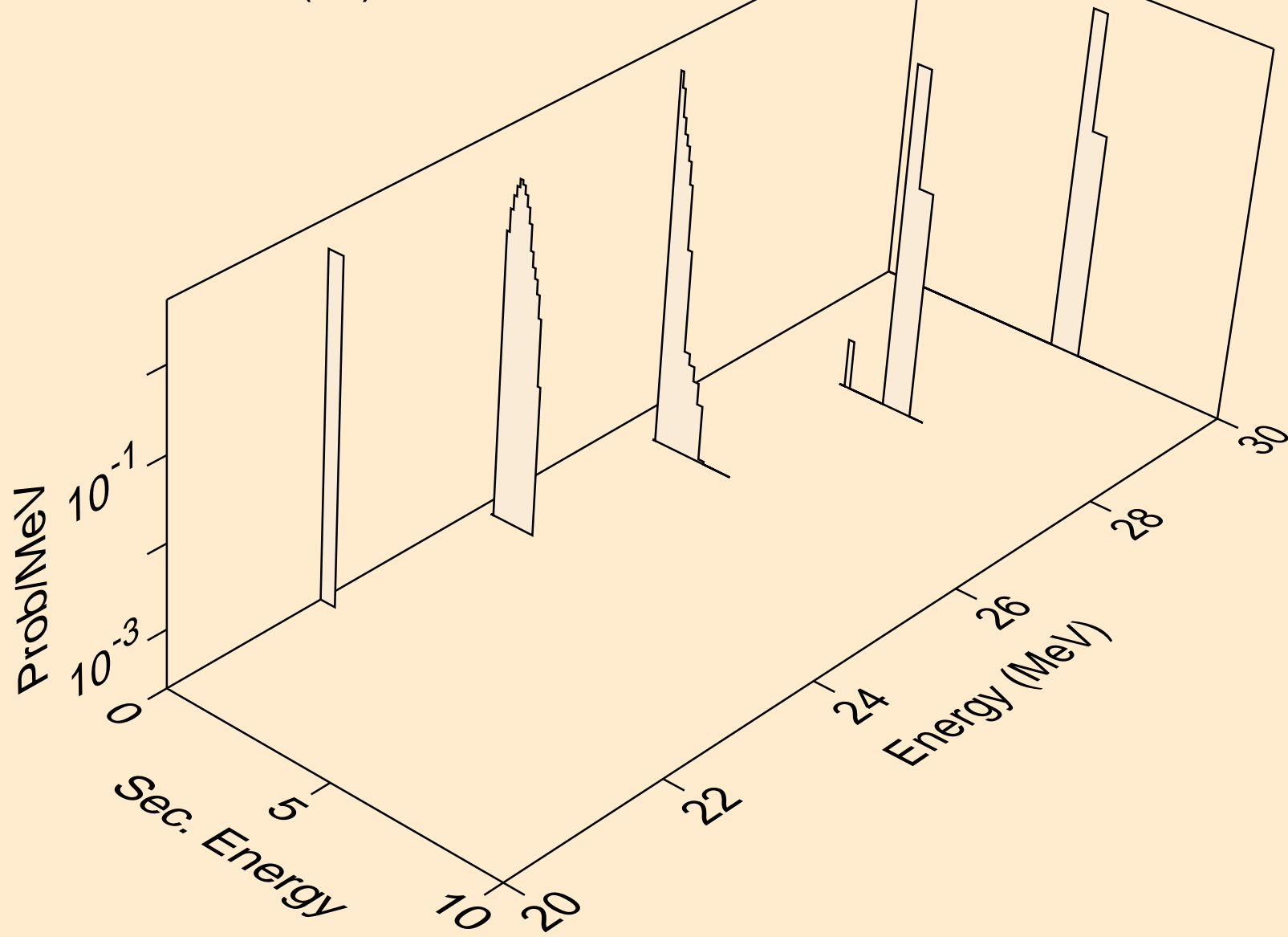




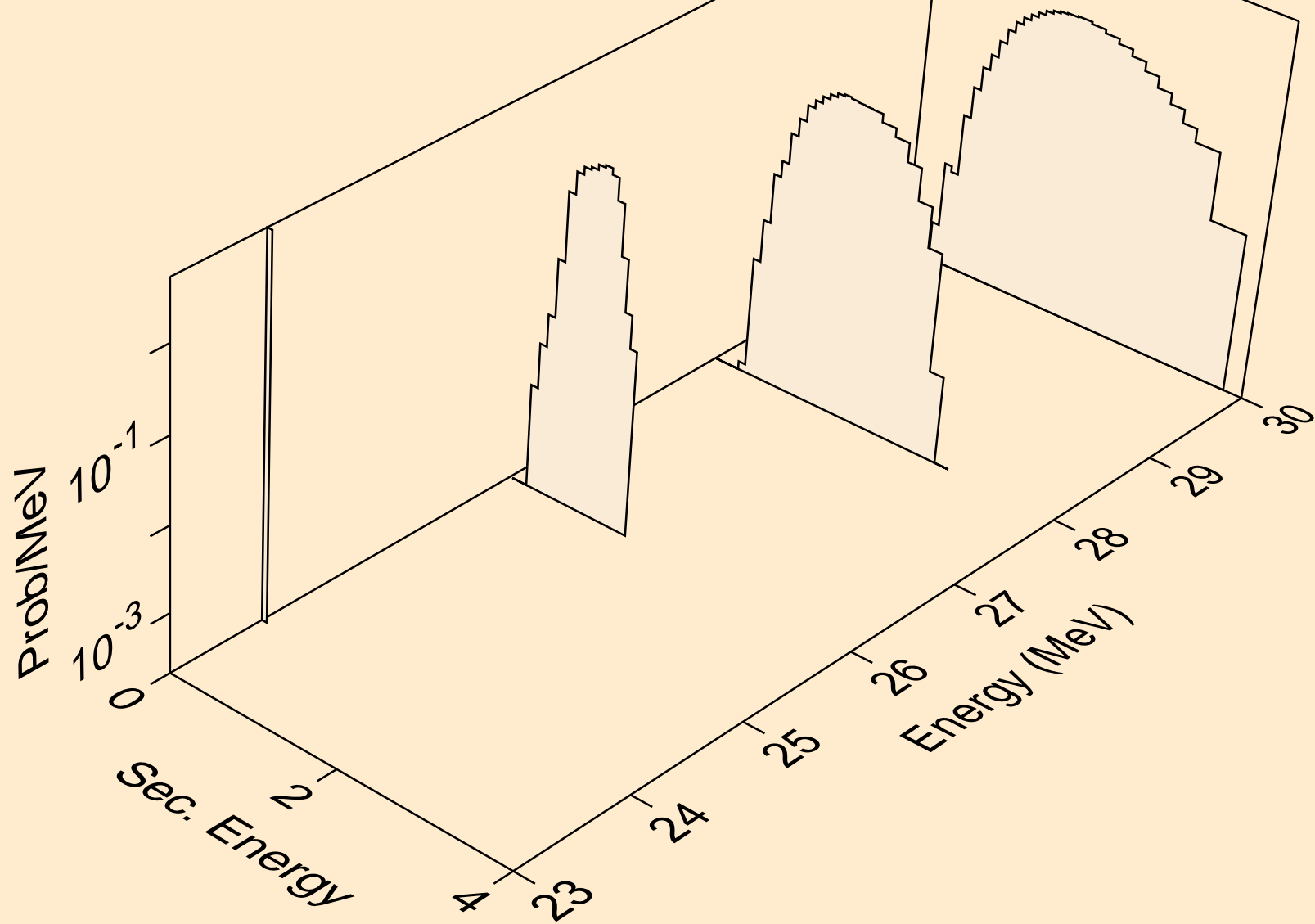
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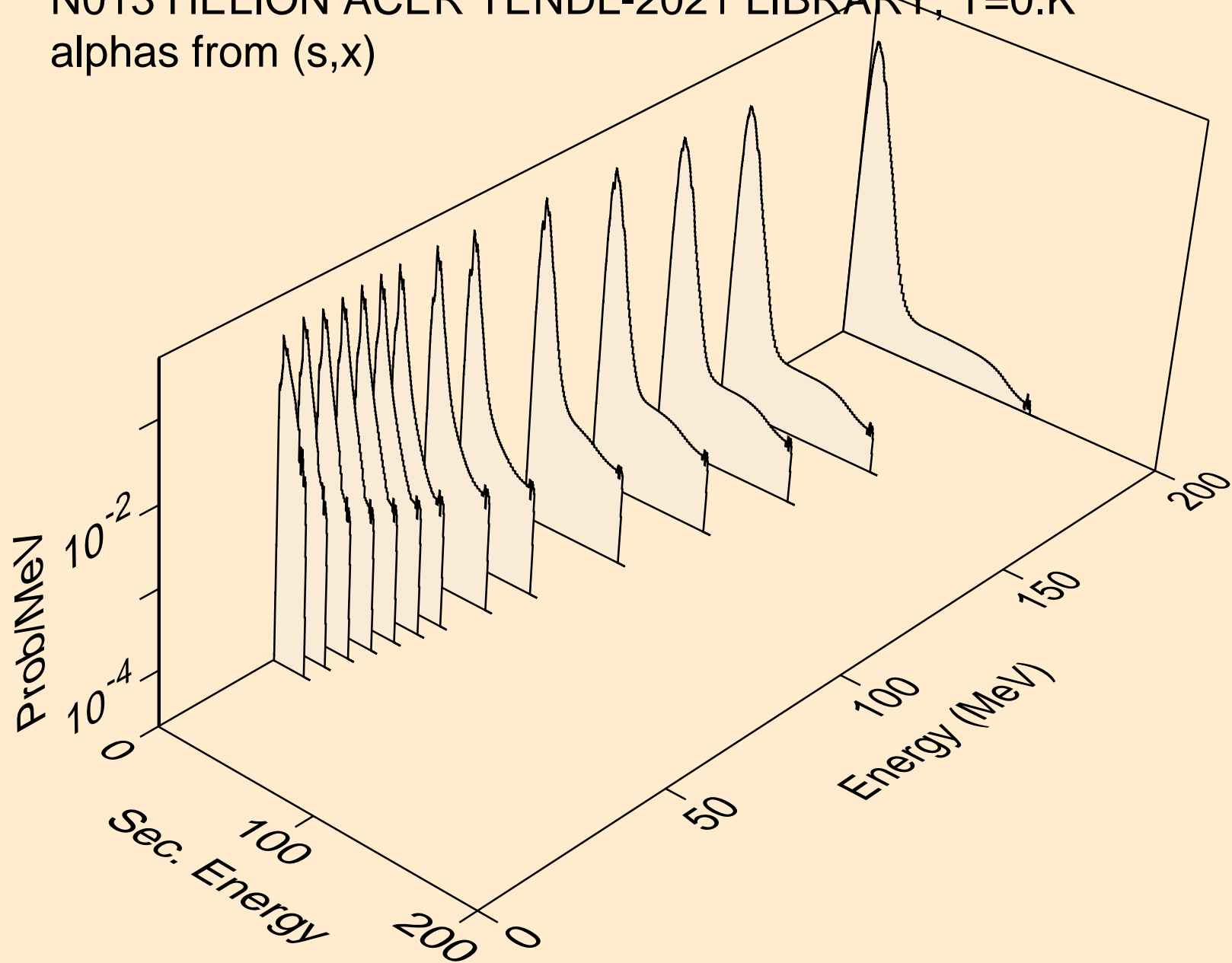
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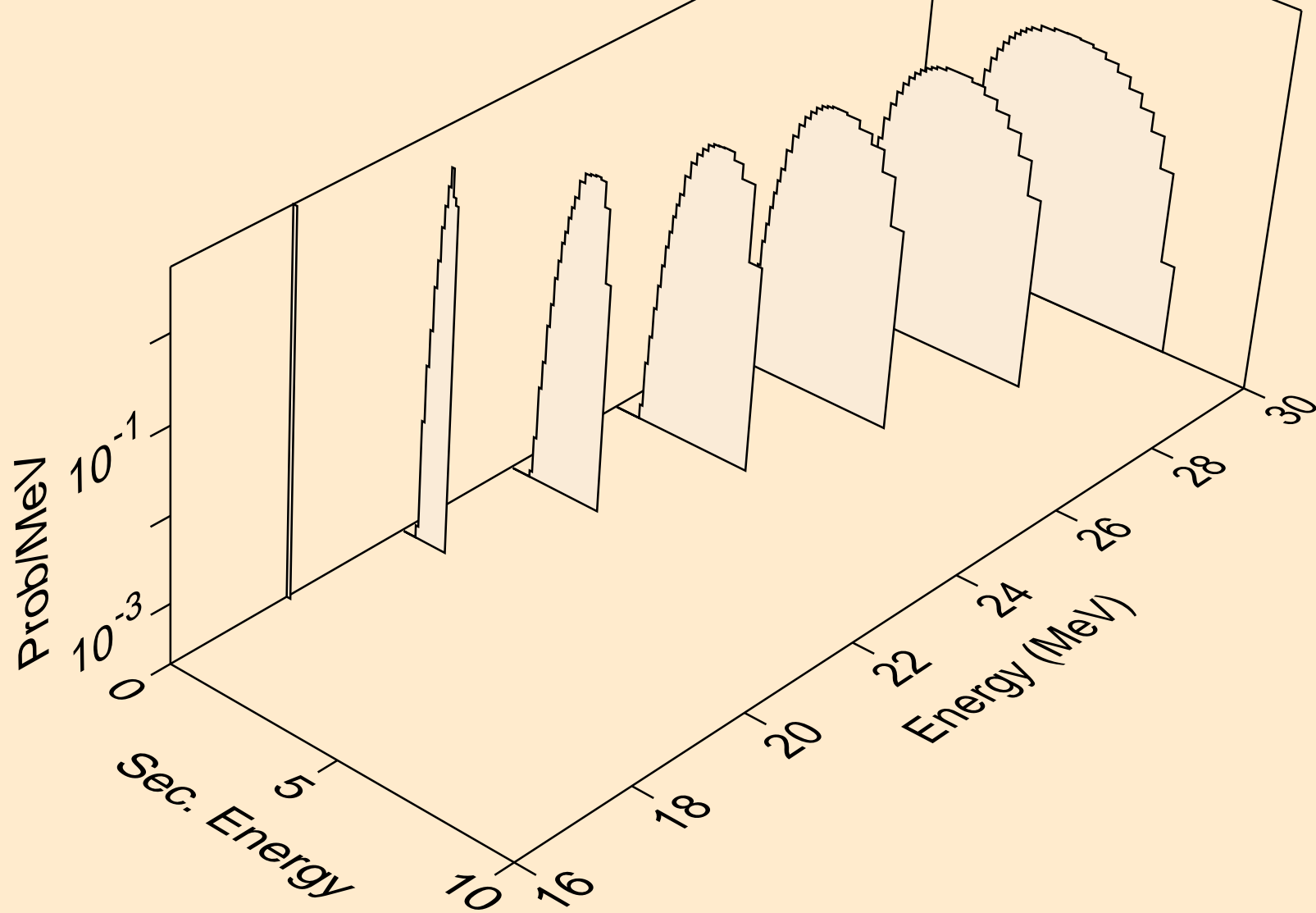
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tritons from (s,pt)



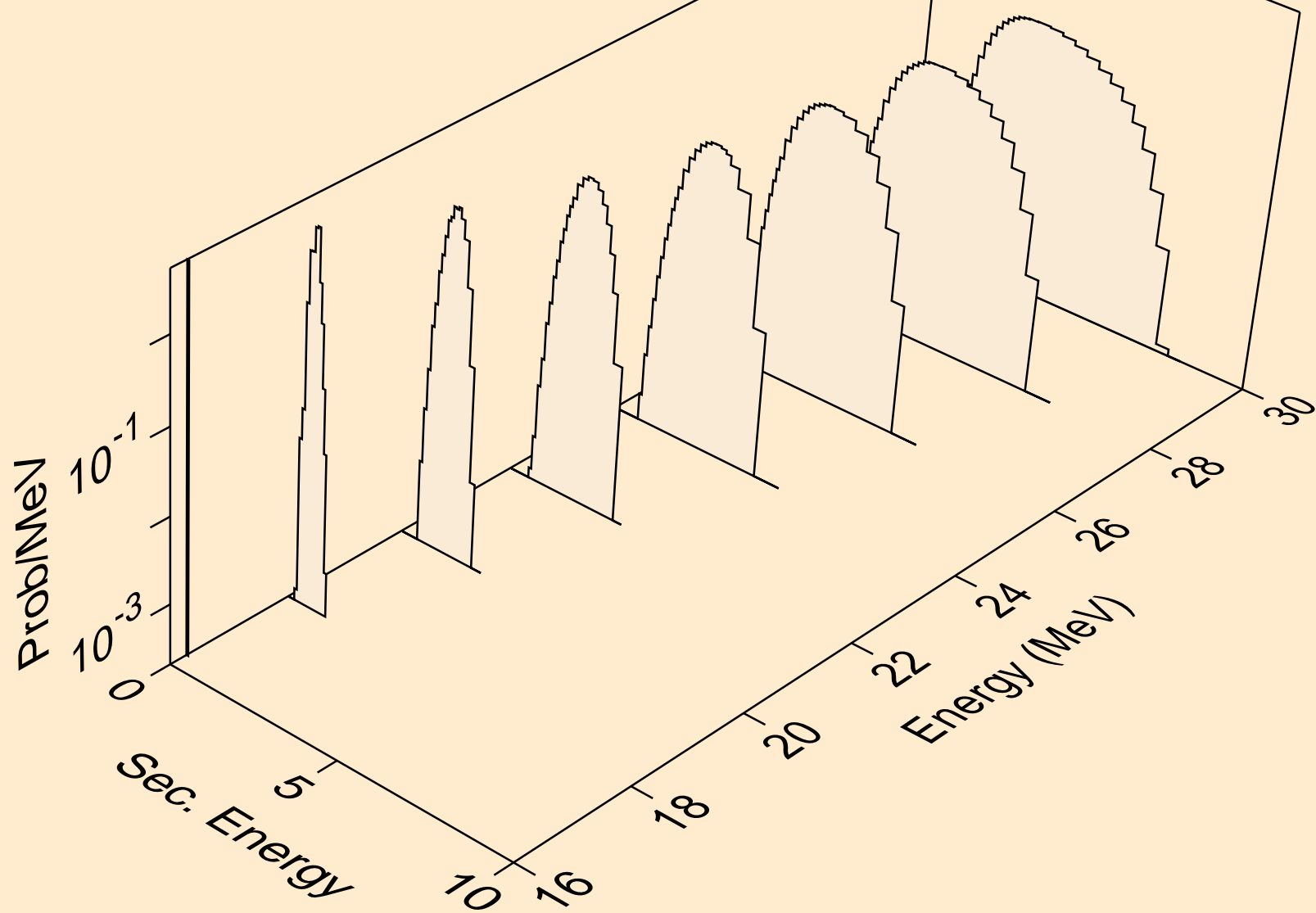
N013 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,x)



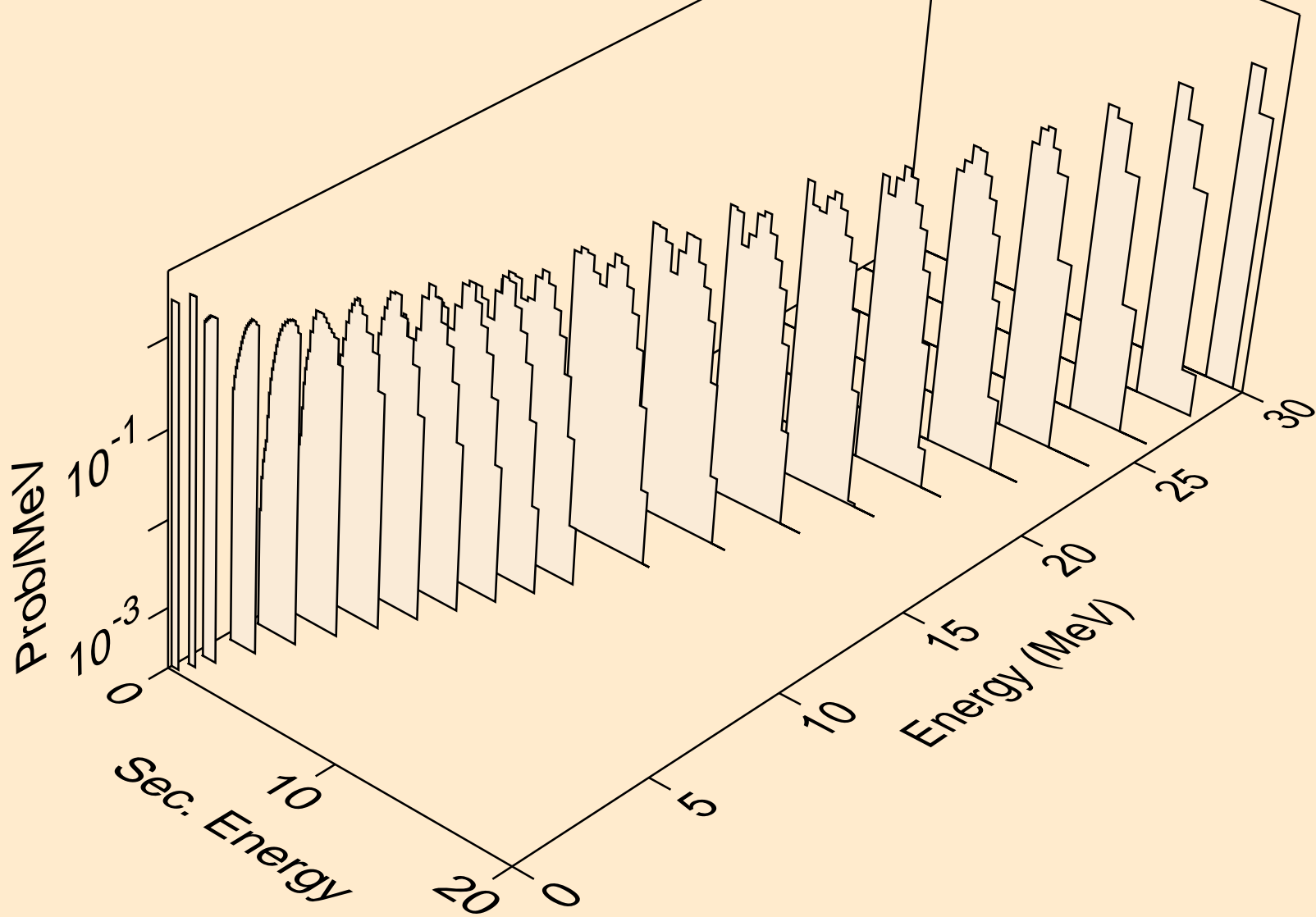
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alphas from (s,n\*)a



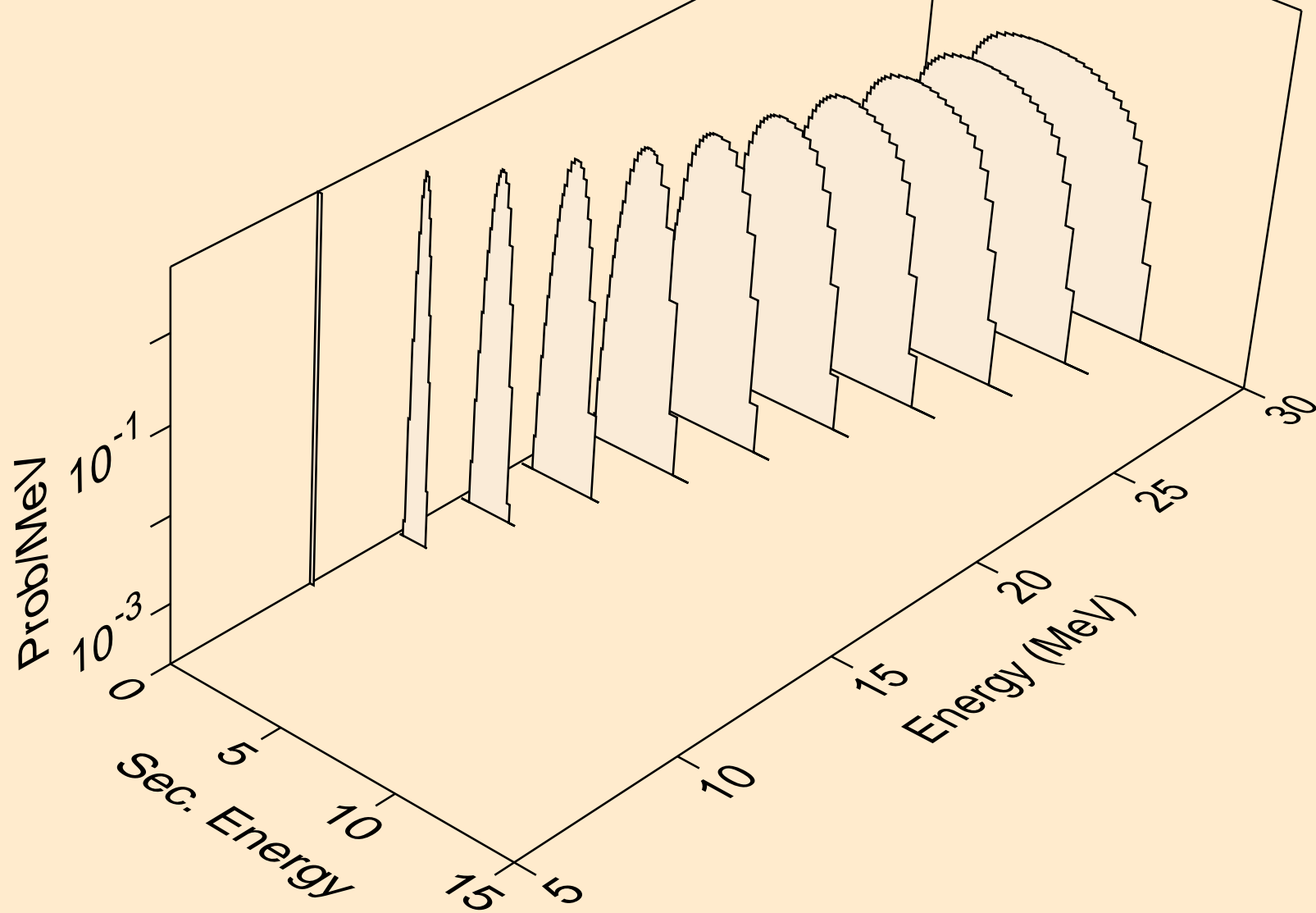
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alphas from (s,npa)



N013 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,a)

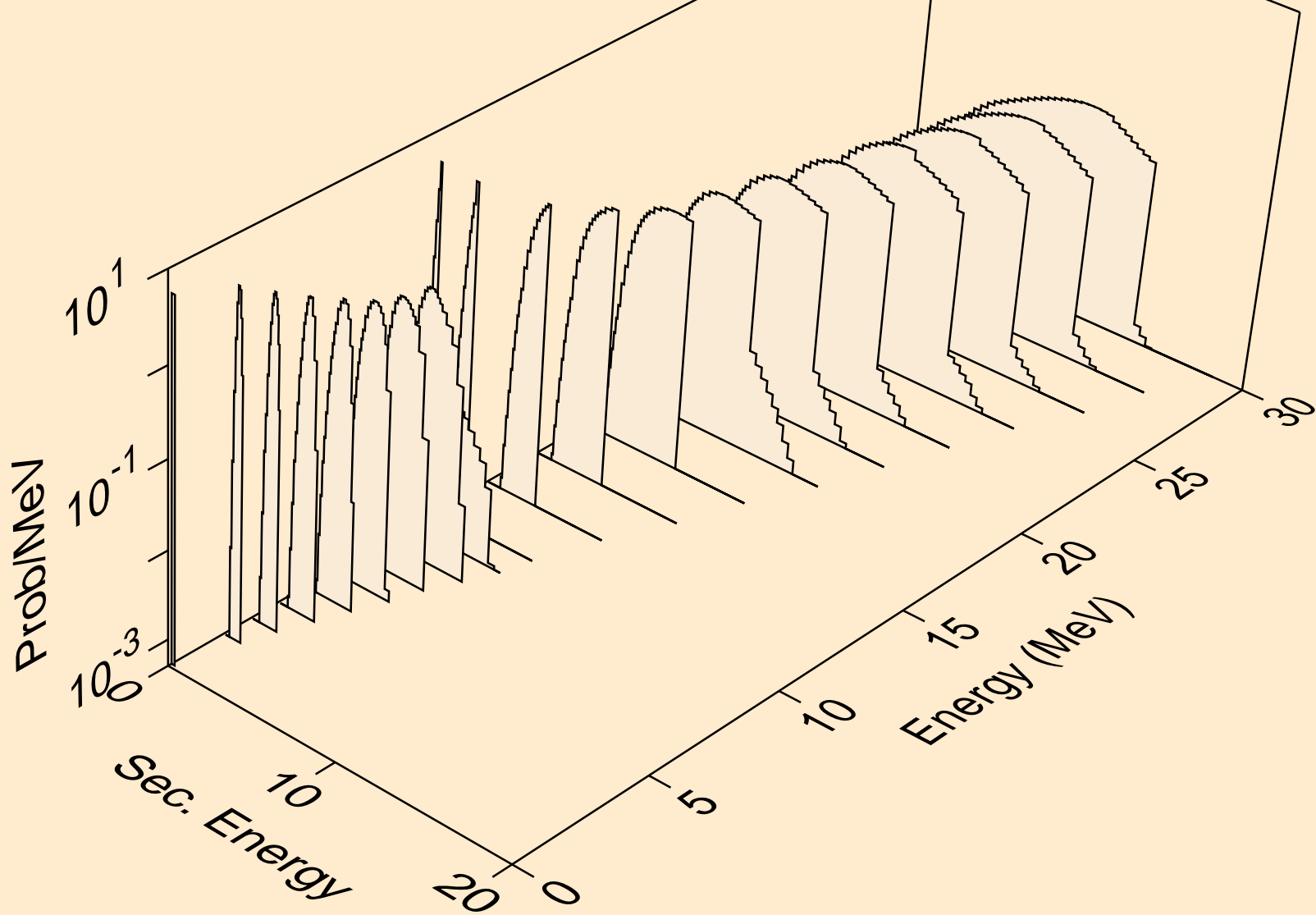


N013 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2a)





N013 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,pa)



N013 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,da)

