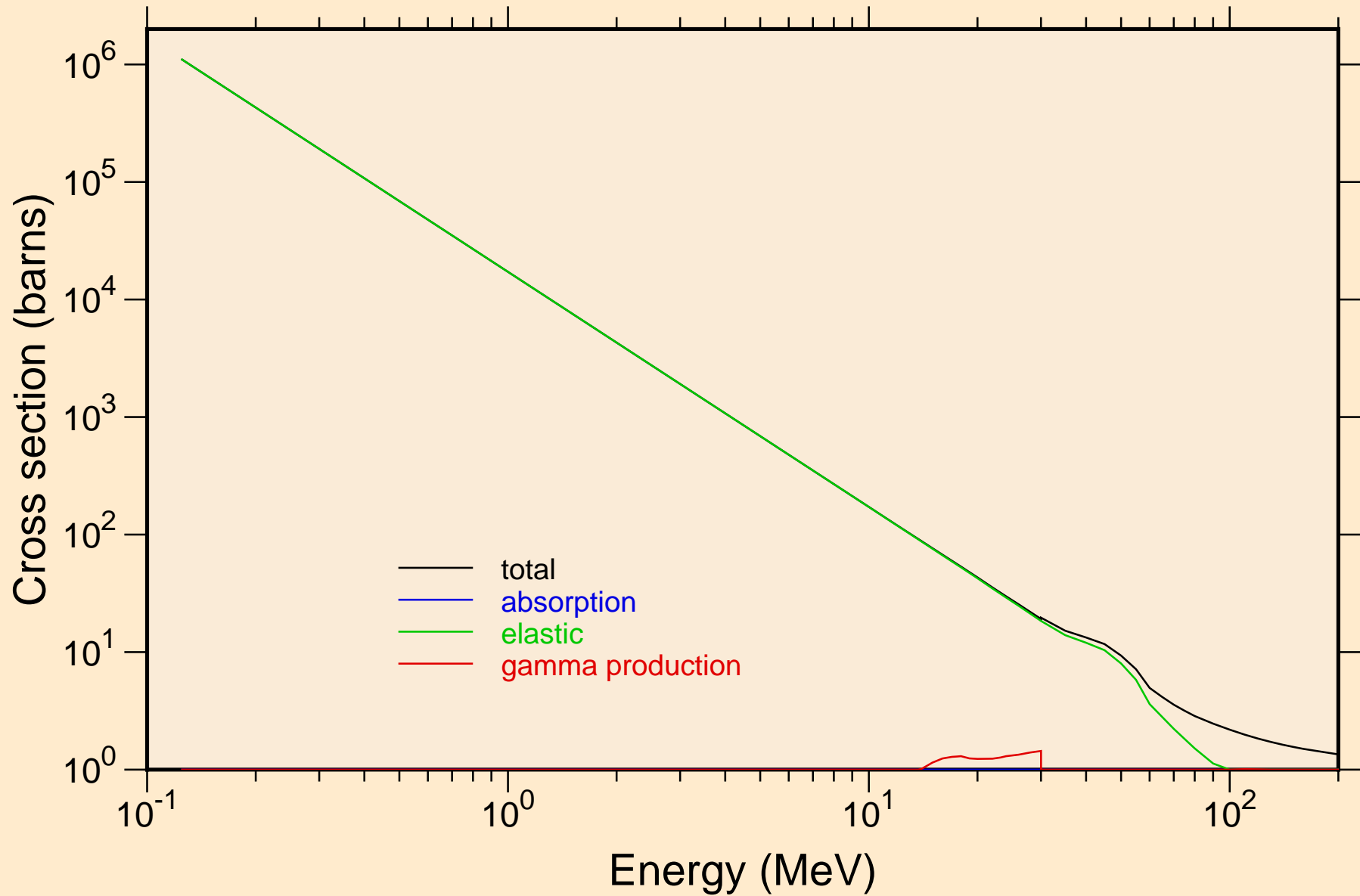
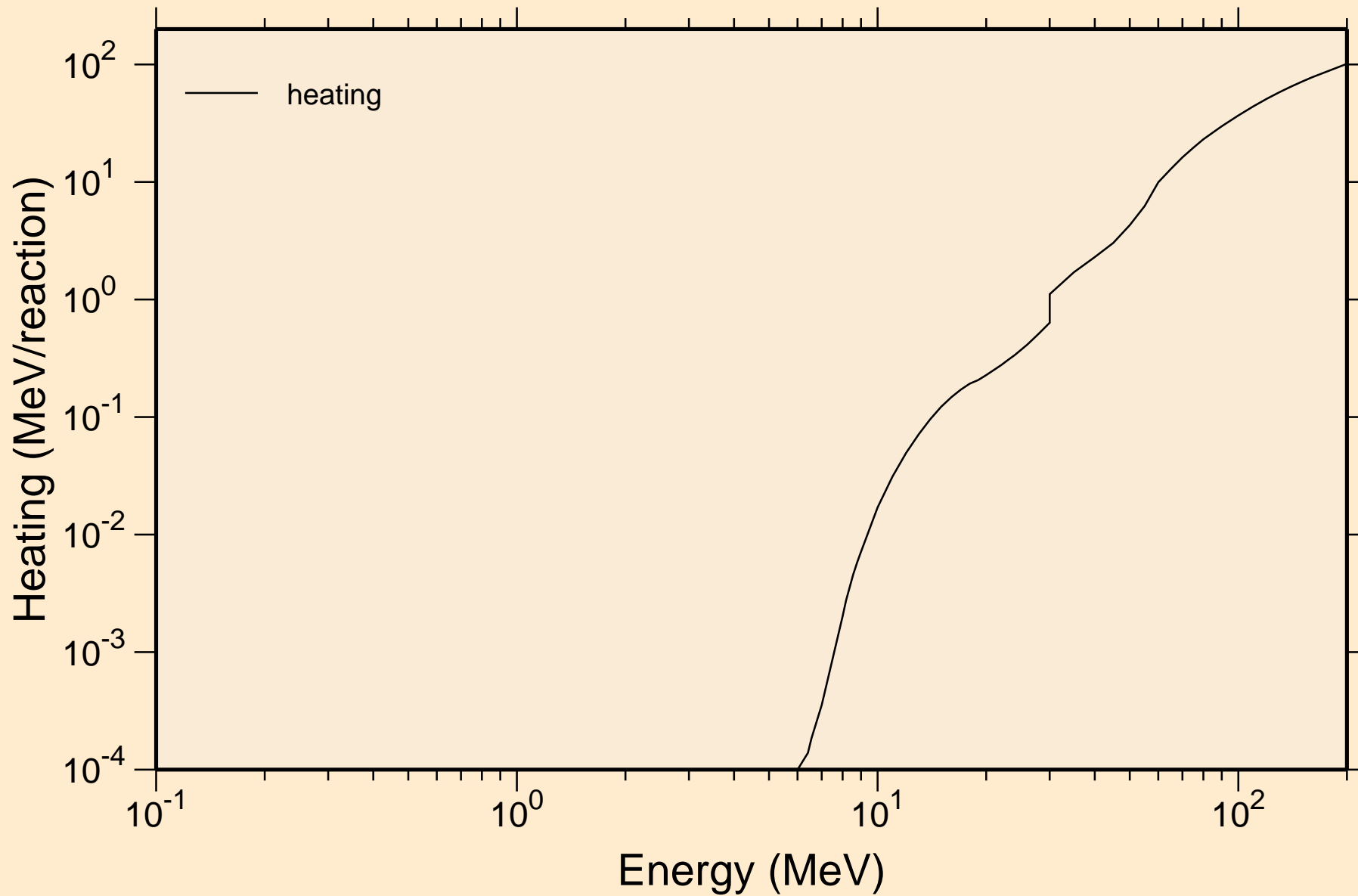


MN051 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



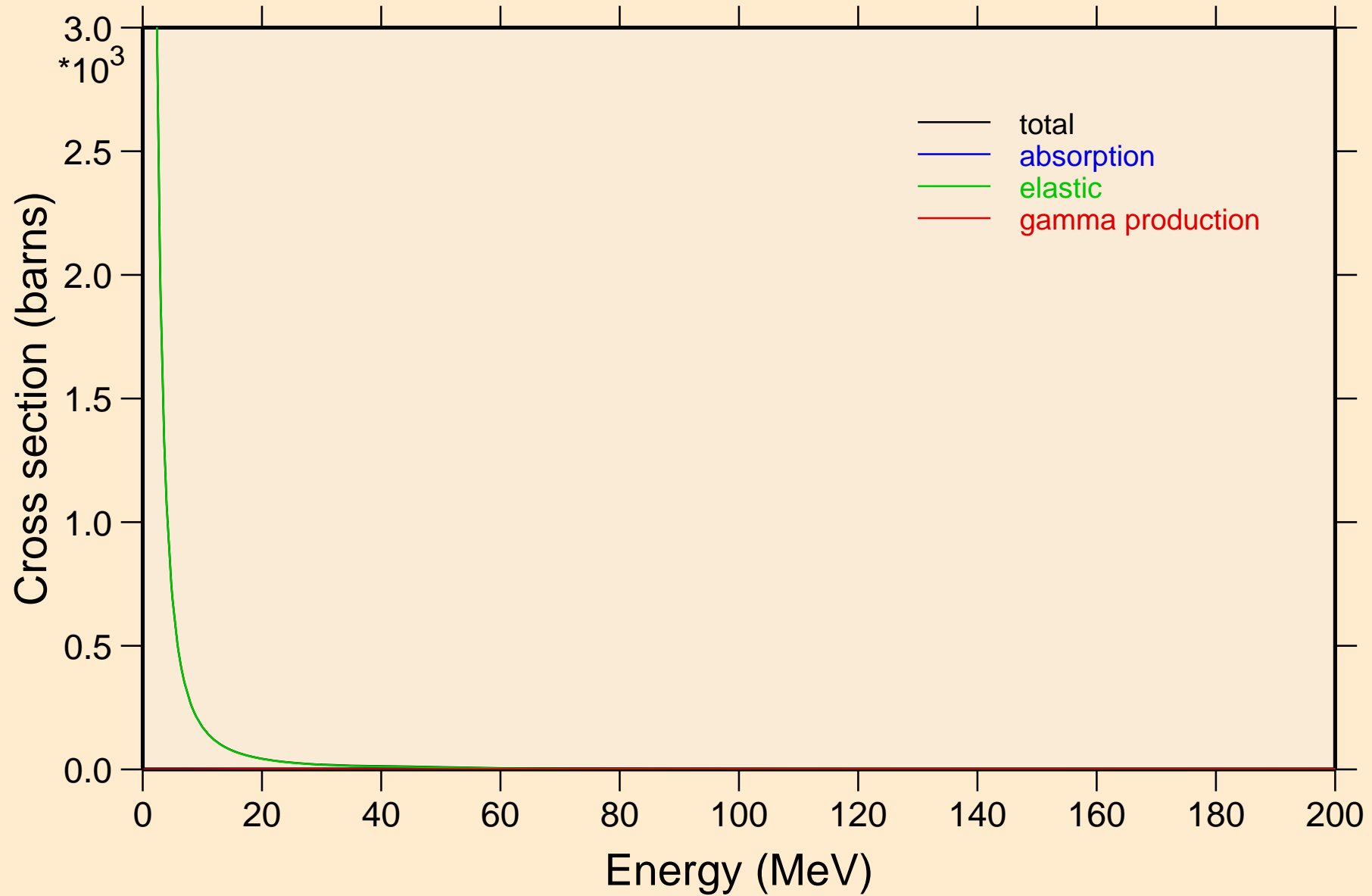
# MN051 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Heating



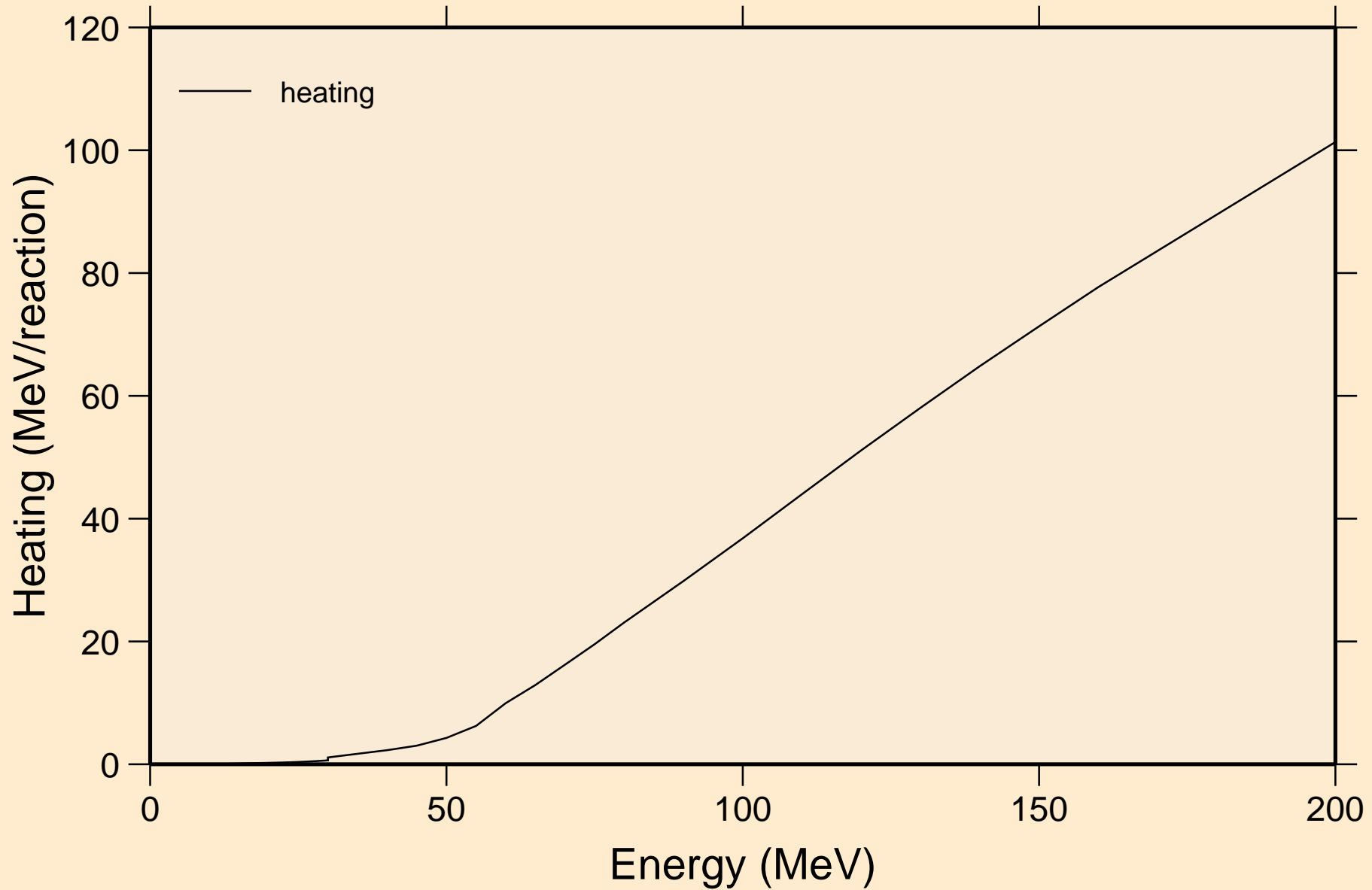
# MN051 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

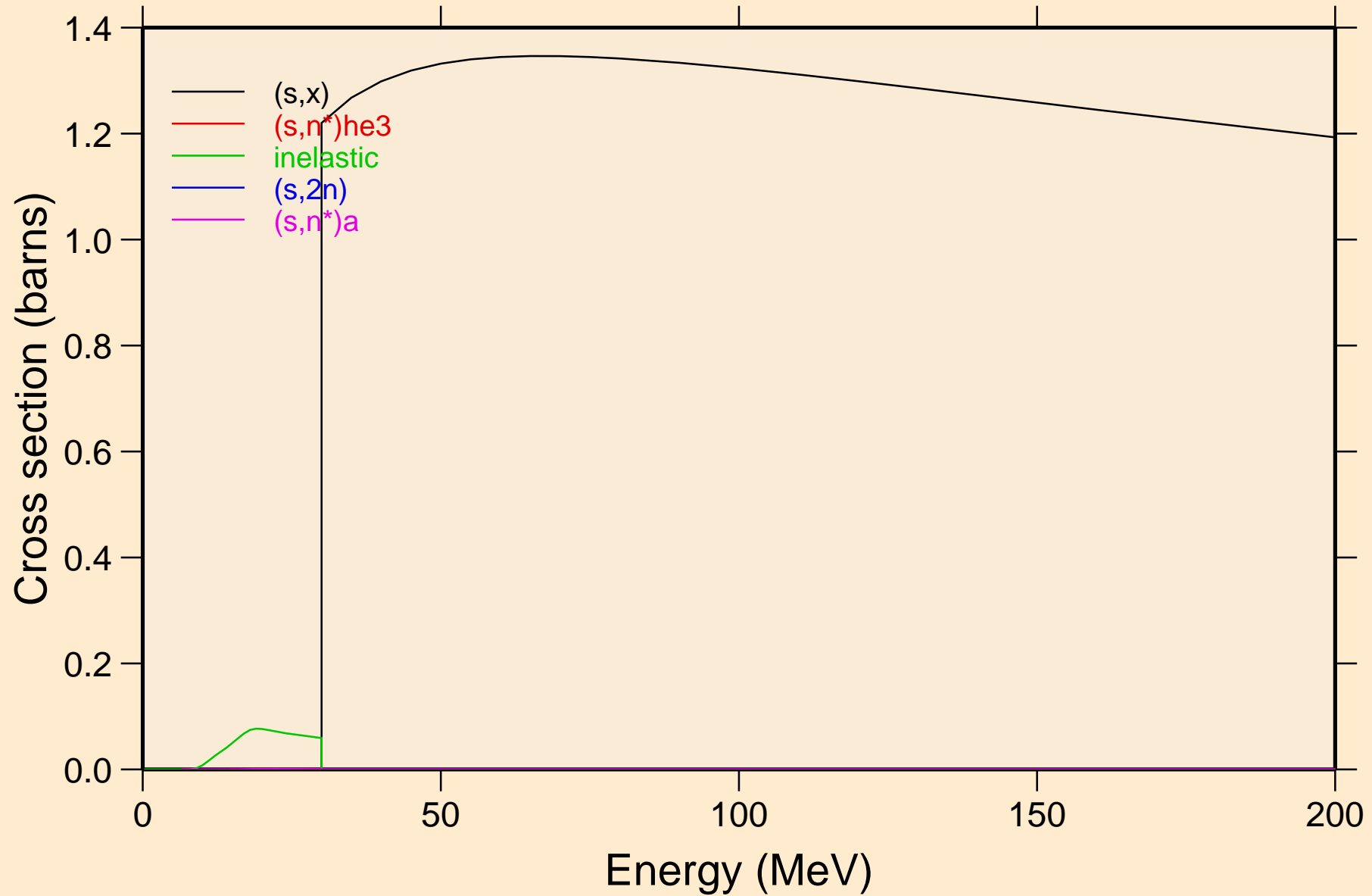


MN051 HELION ACER TENDL-2023 LIBRARY; T=0.K

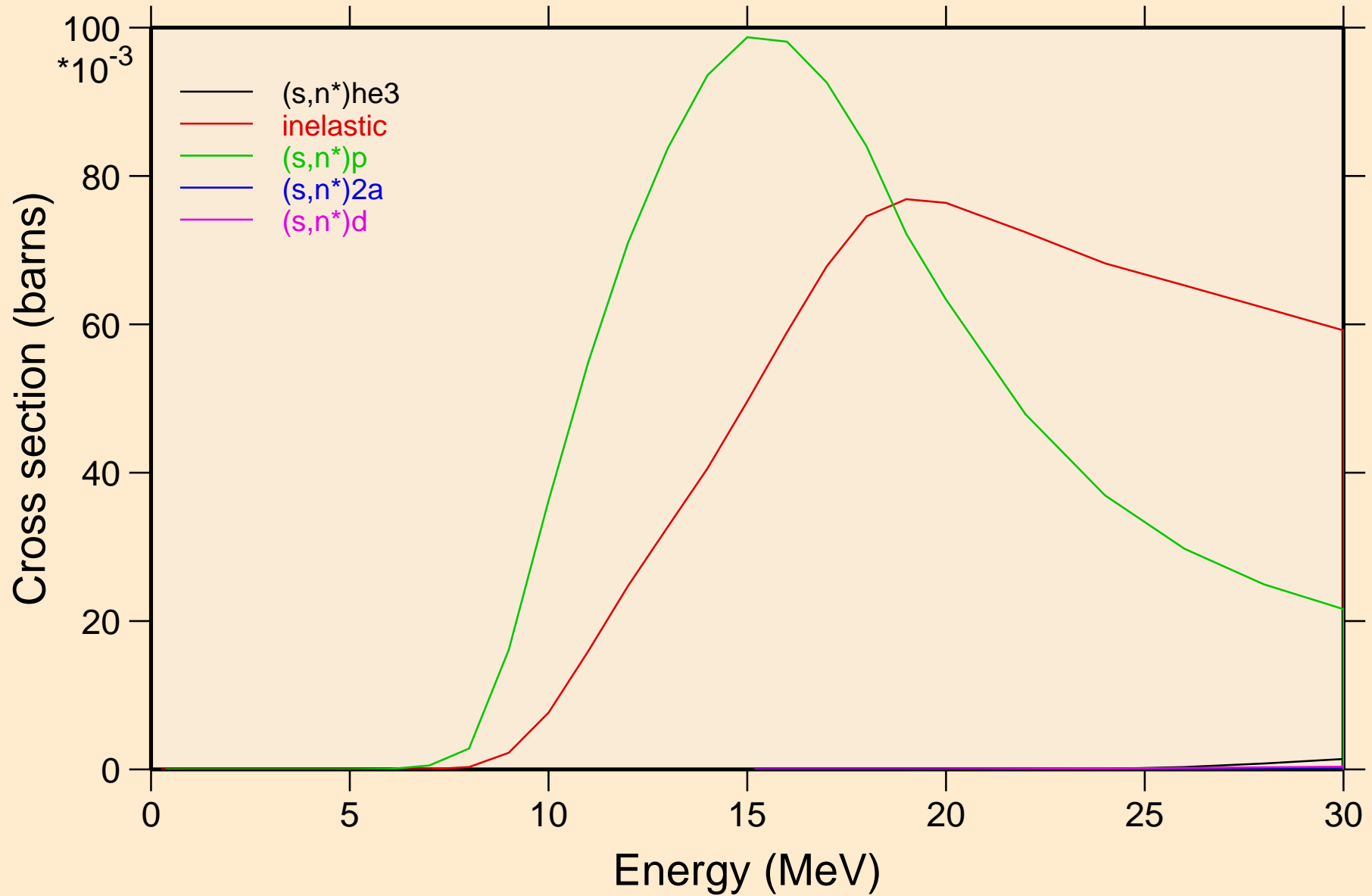
Heating



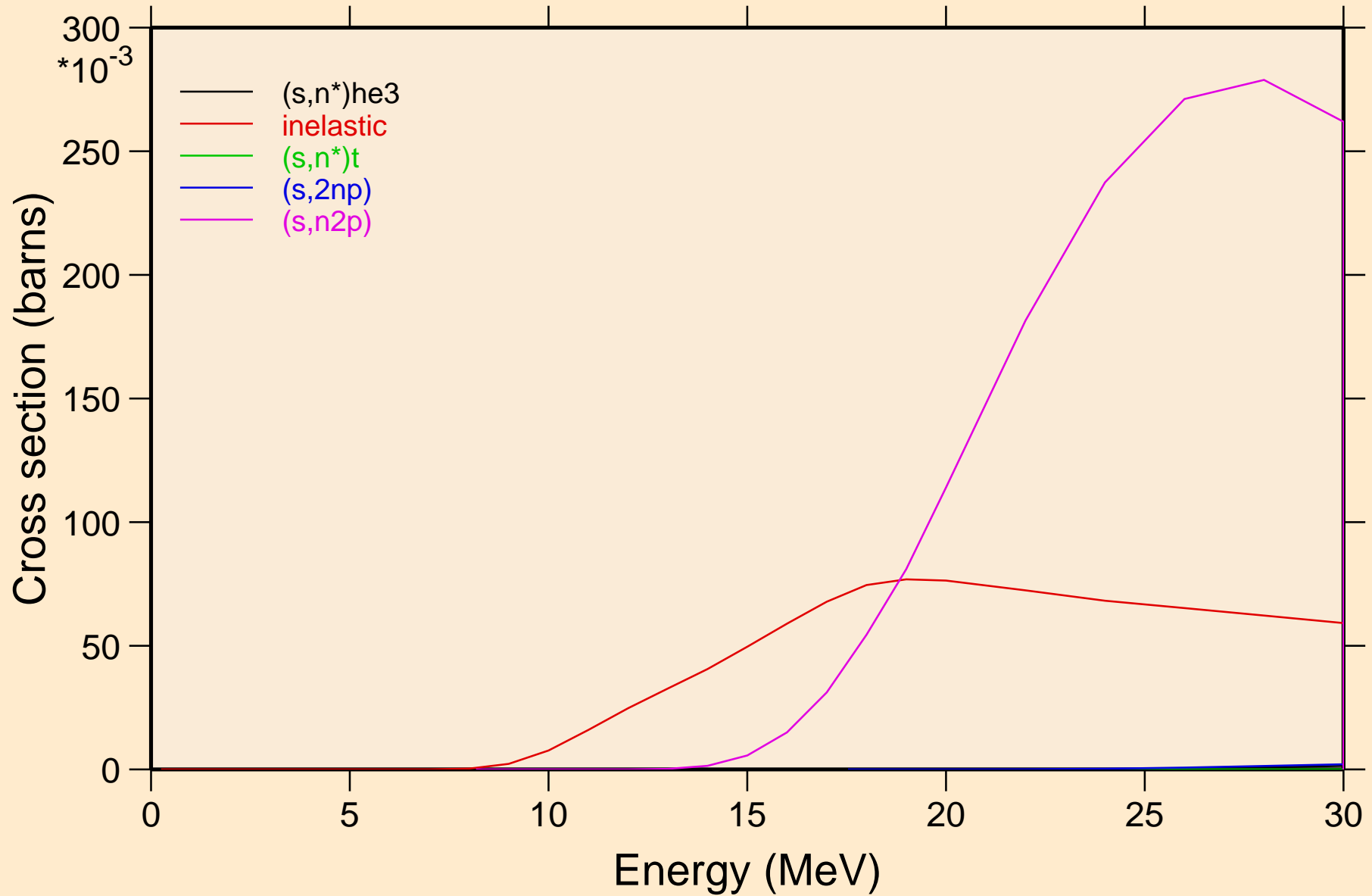
MN051 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



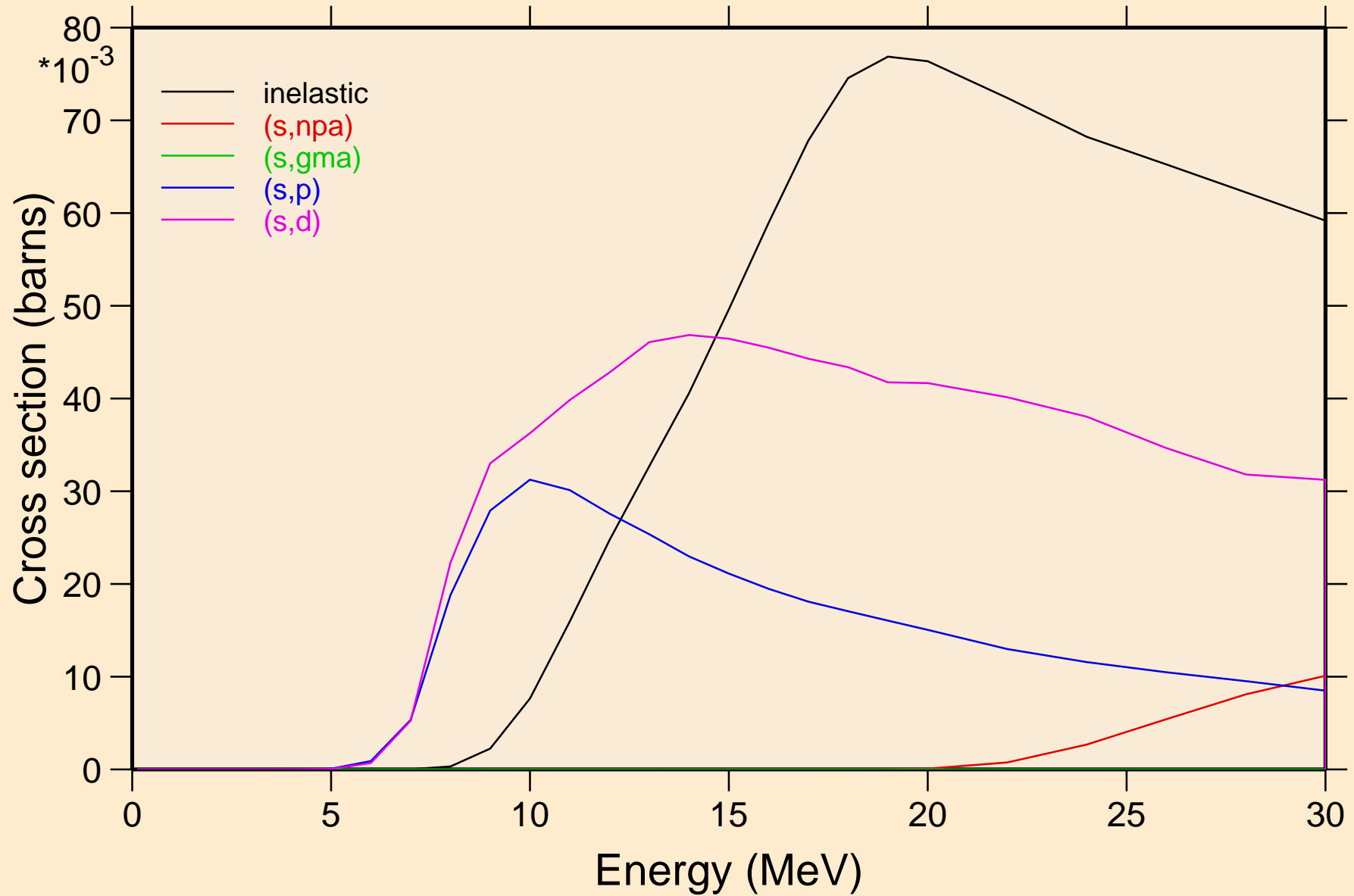
MN051 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



MN051 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



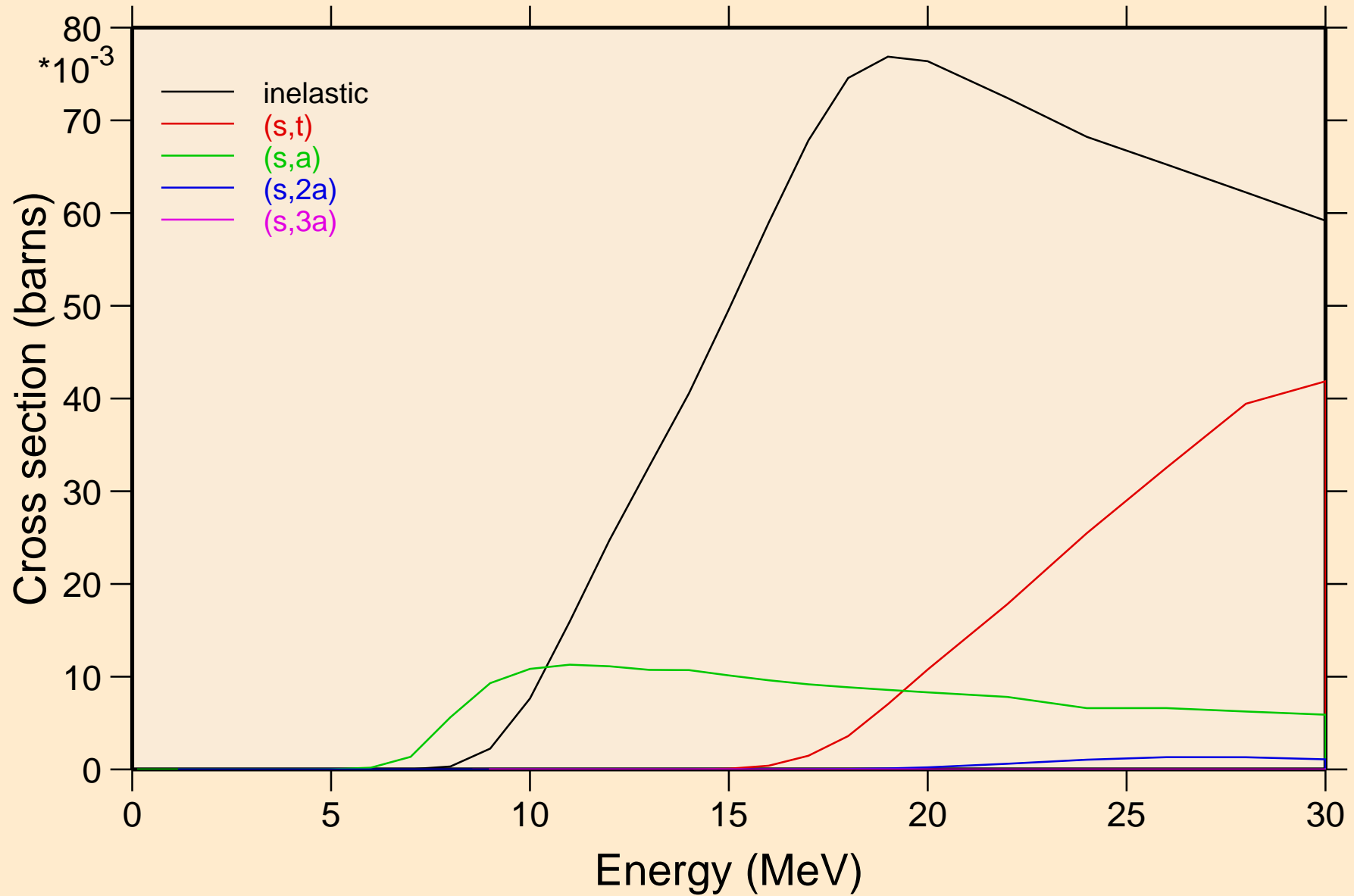
MN051 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



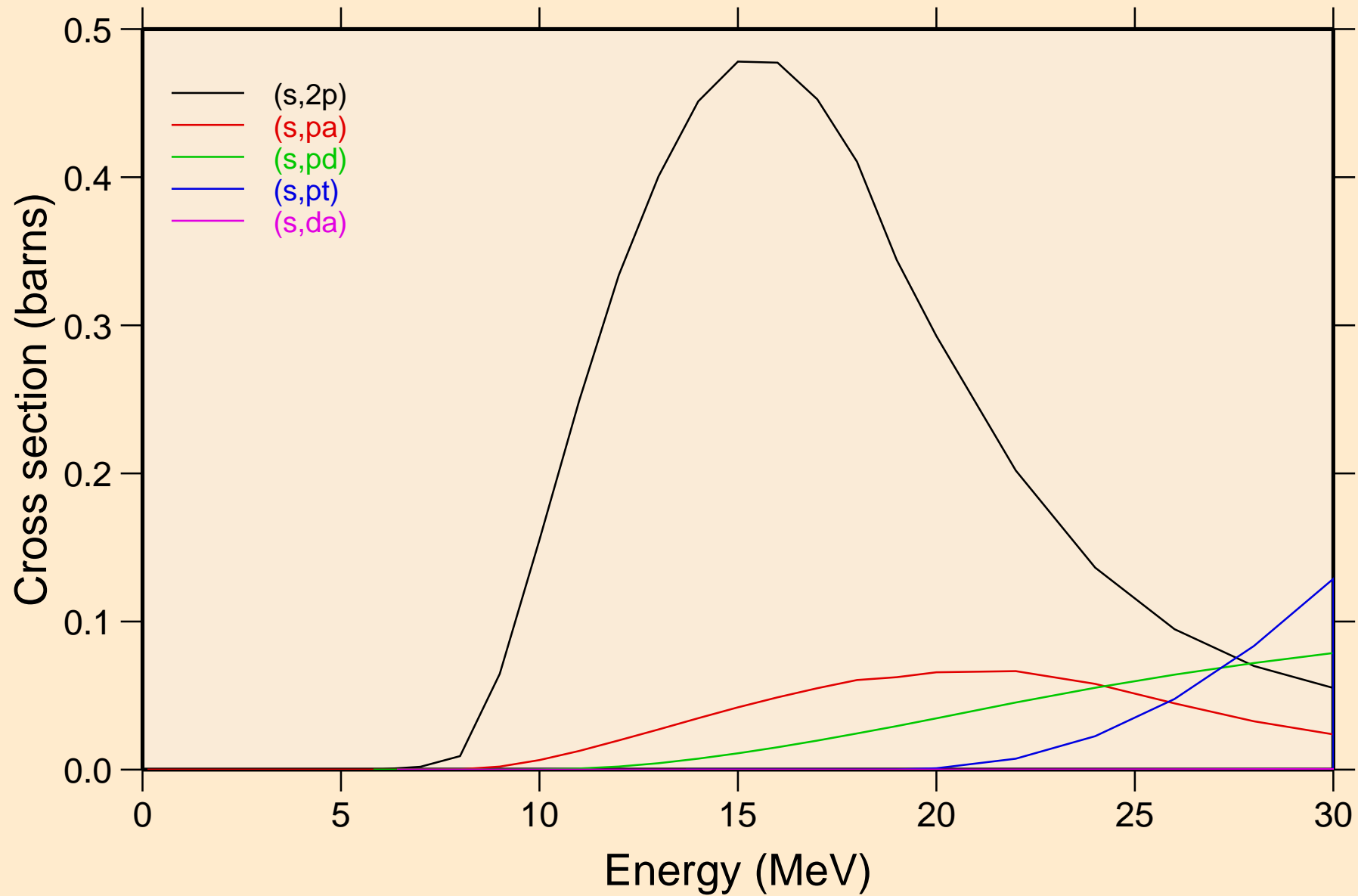


# MN051 HELION ACER TENDL-2023 LIBRARY; T=0.K

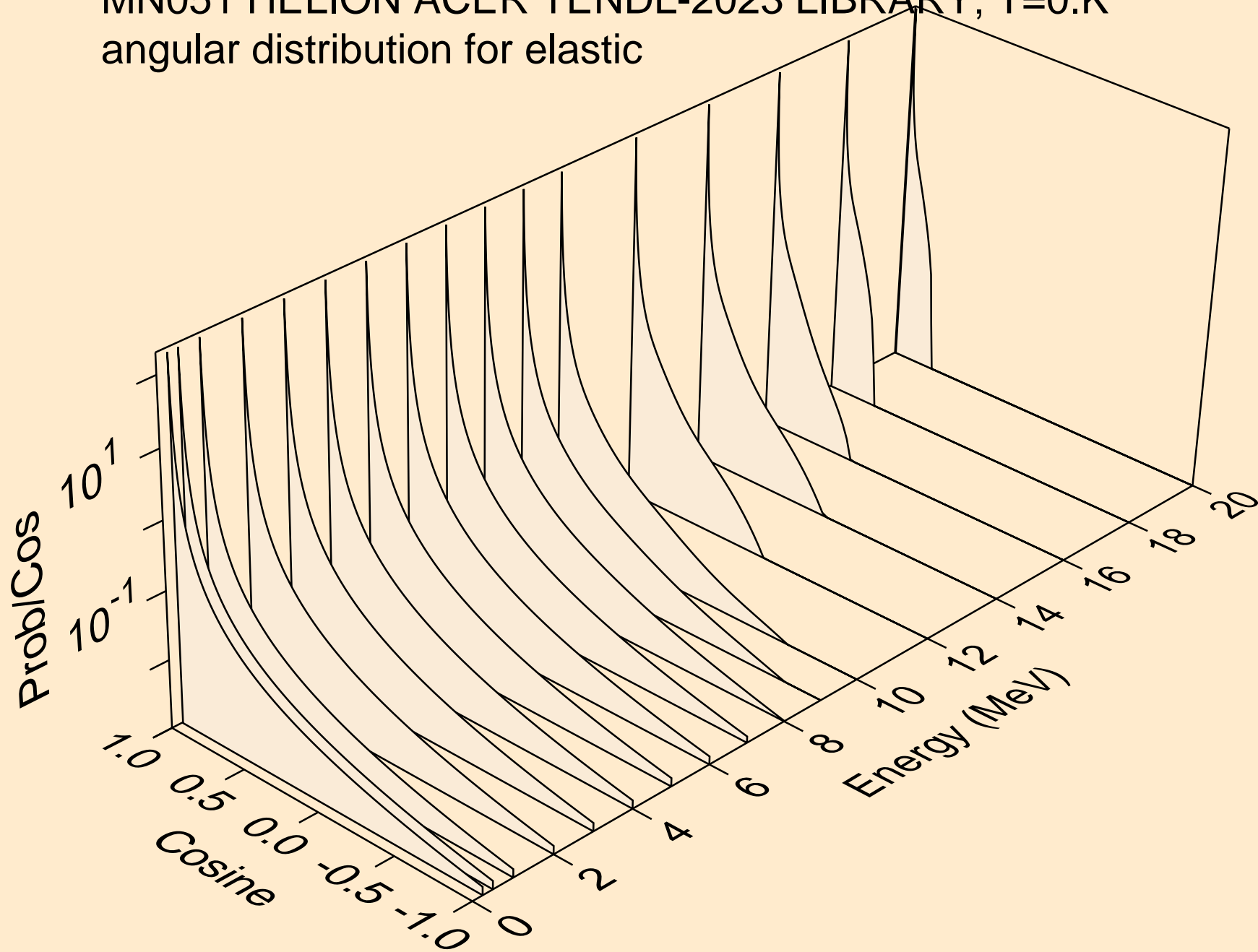
## Threshold reactions



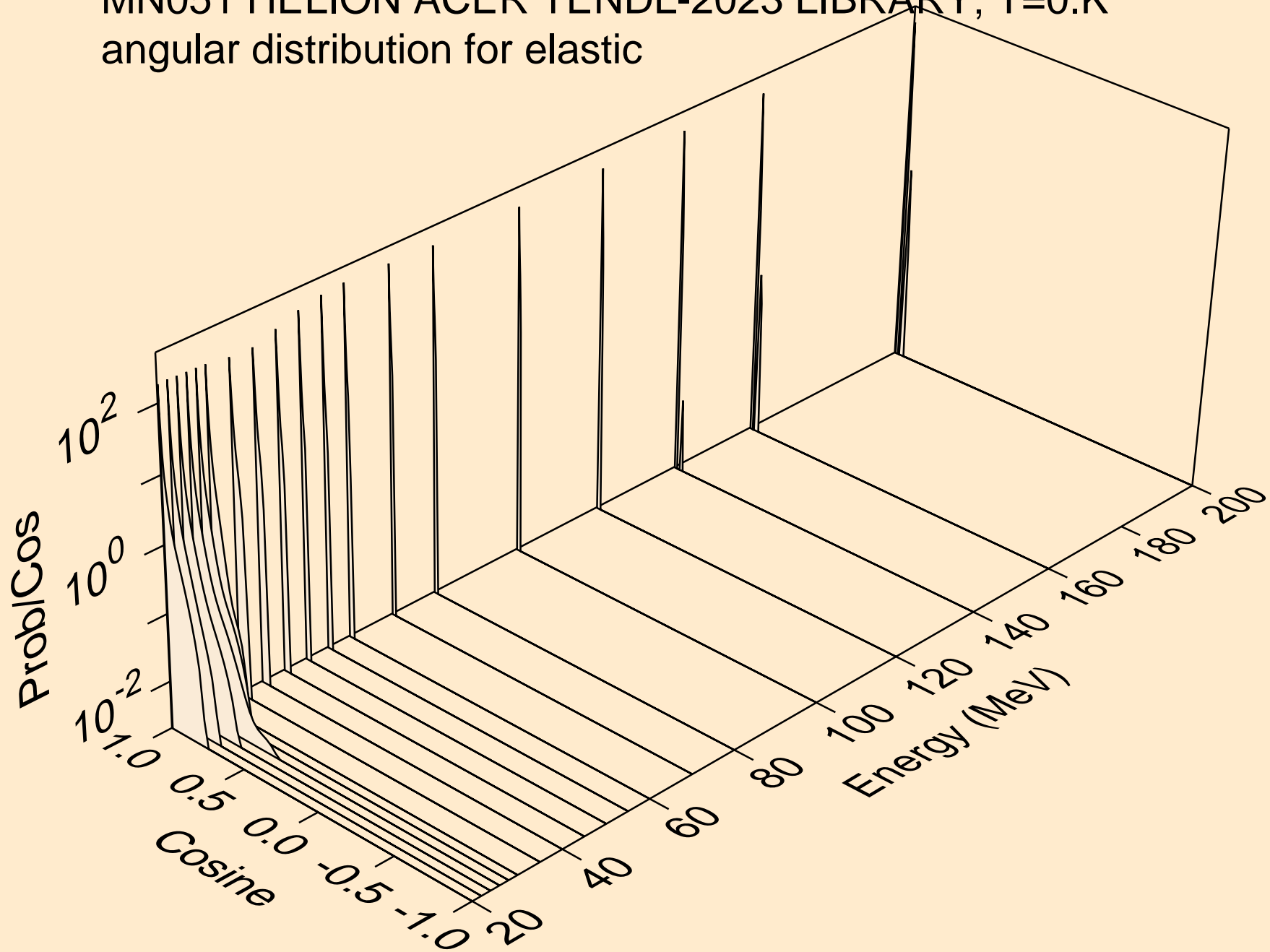
MN051 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



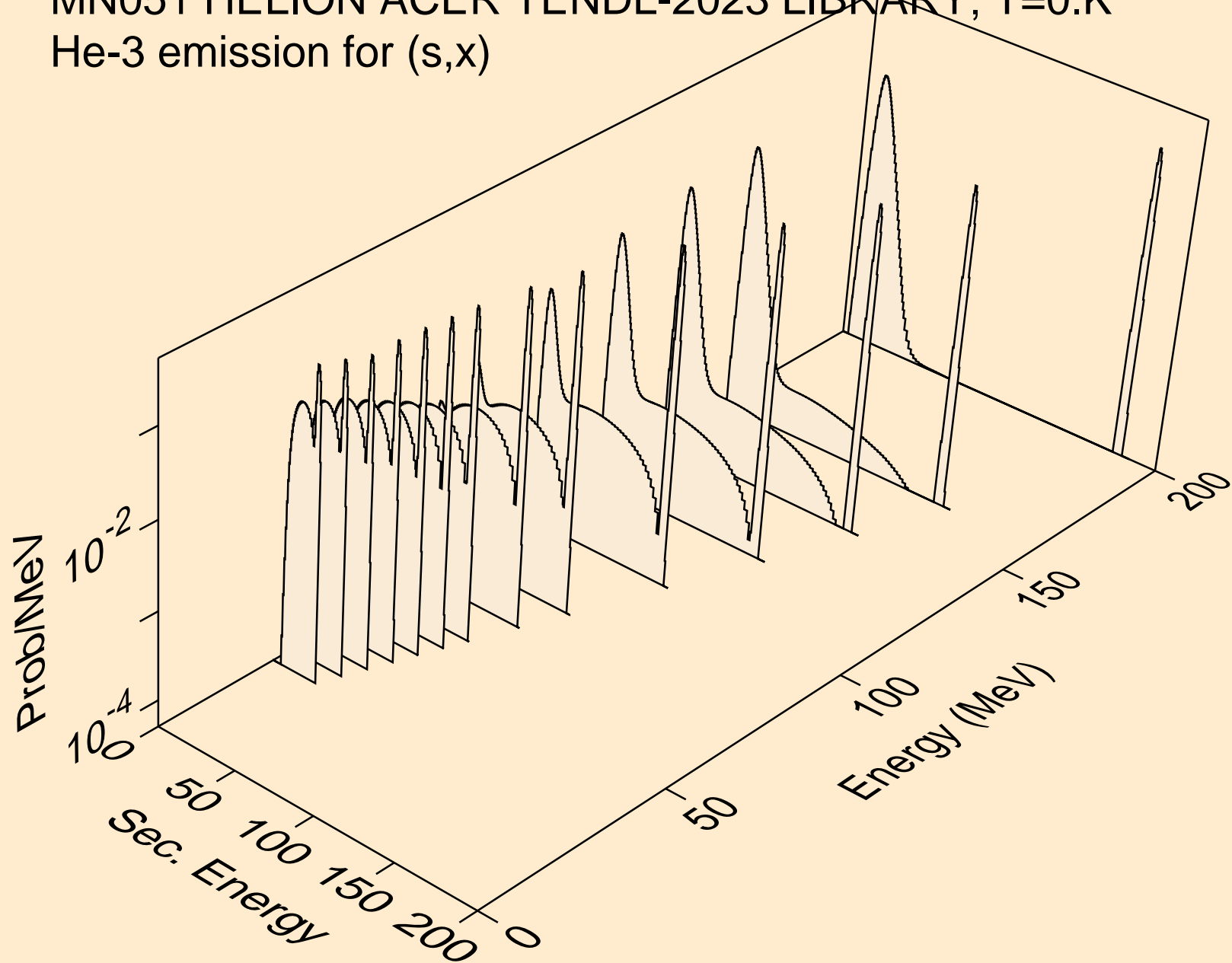
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angular distribution for elastic



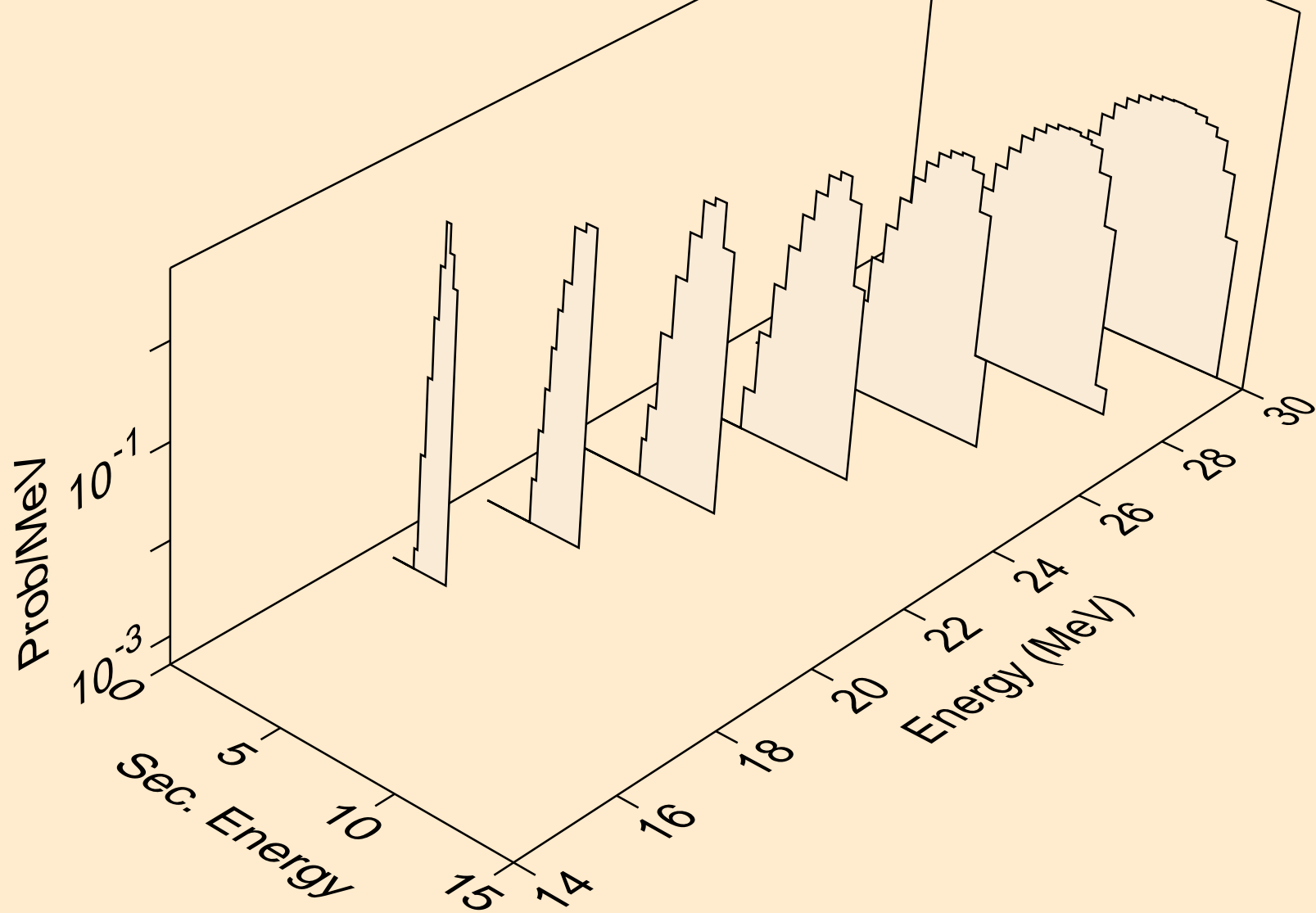
MN051 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



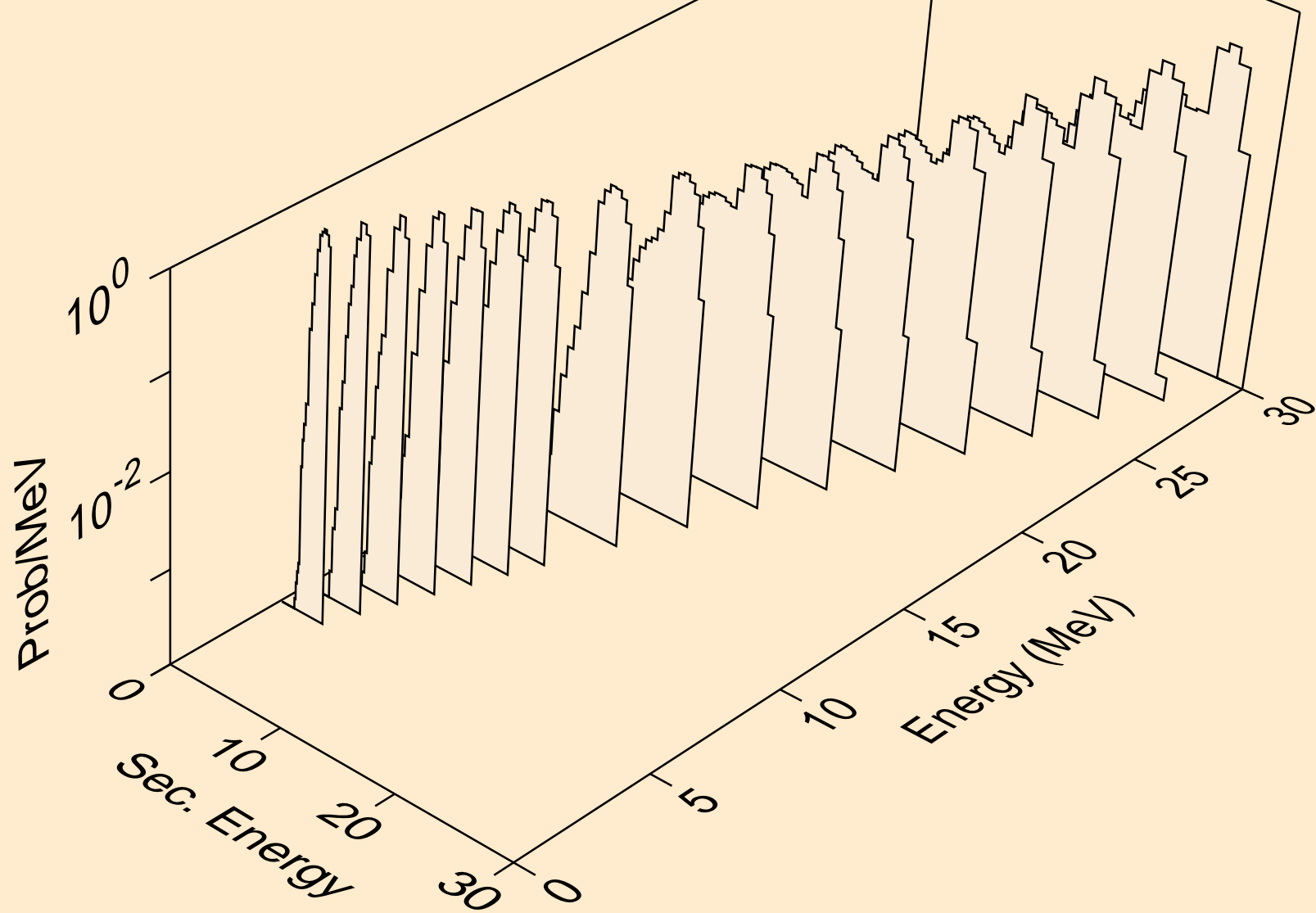
MN051 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,x)



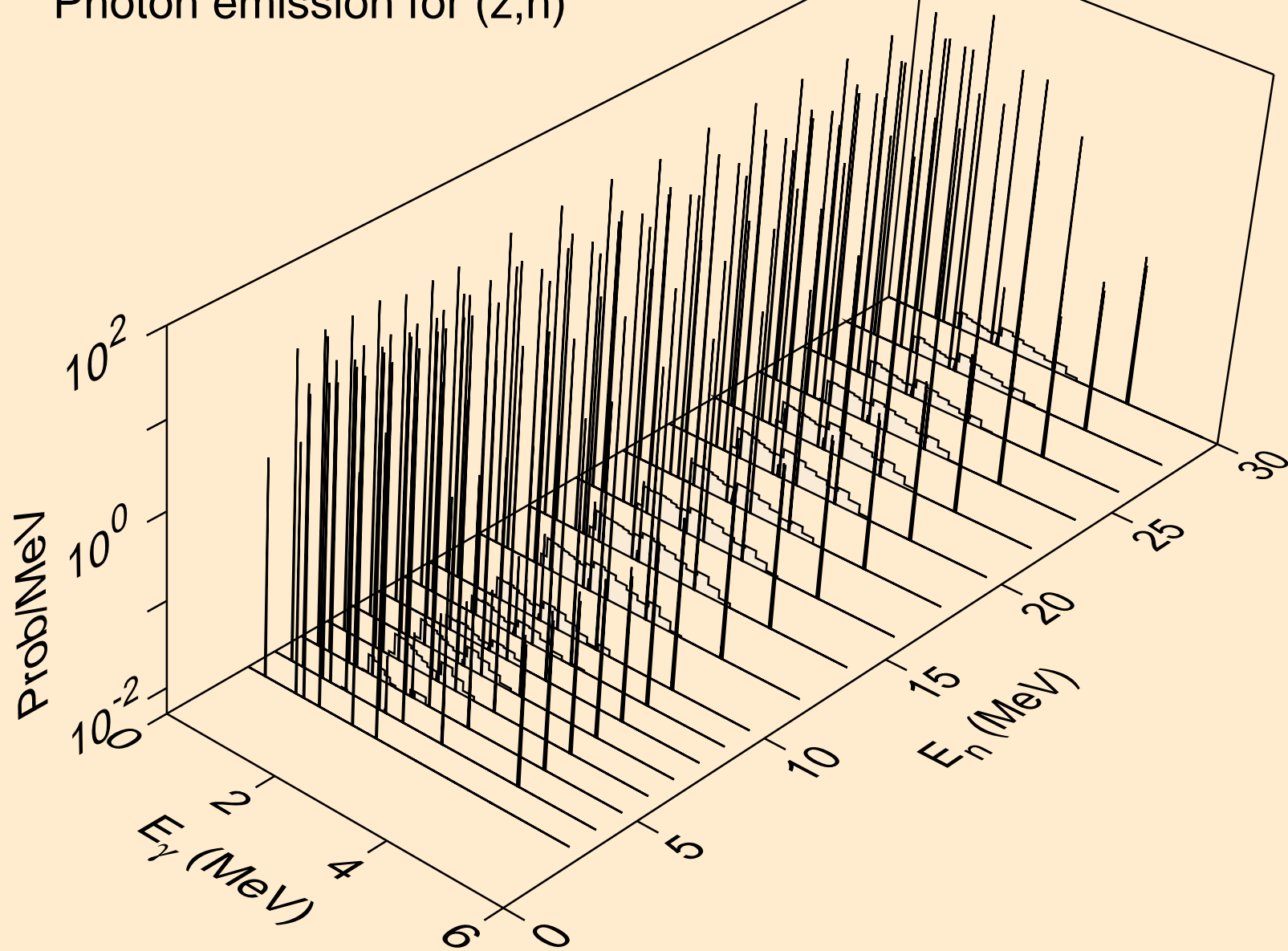
MN051 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3



MN051 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for inelastic

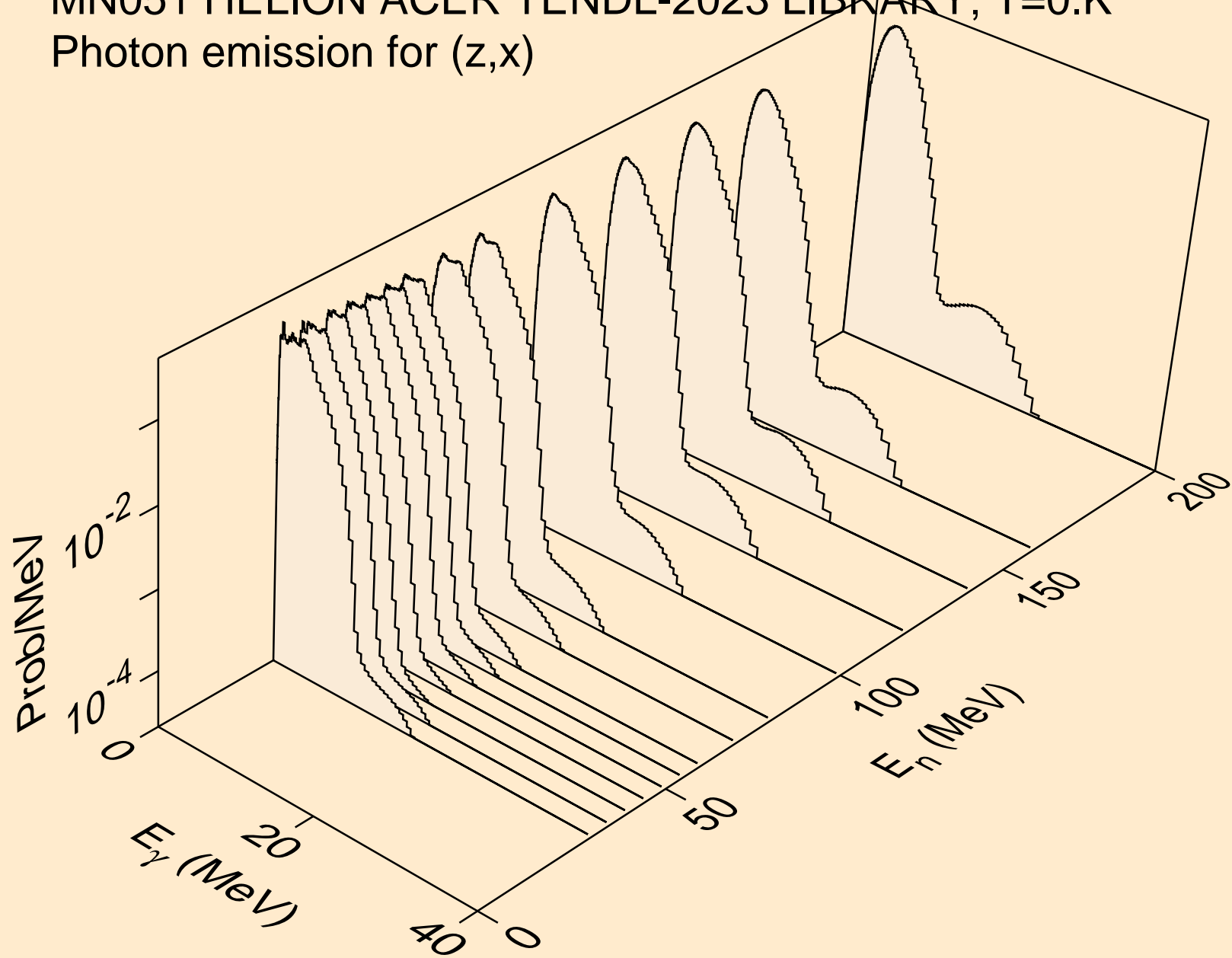


MN051 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)

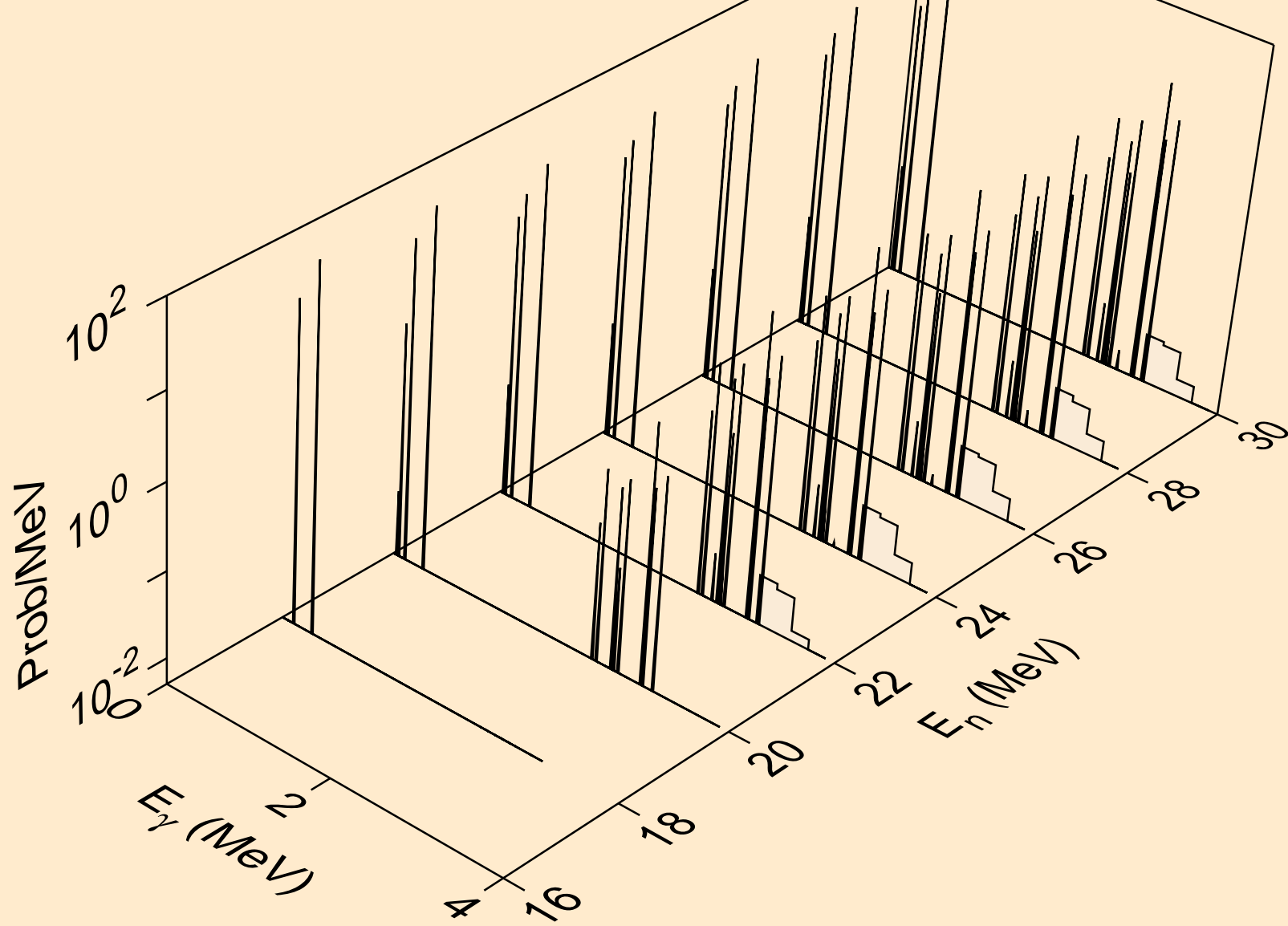




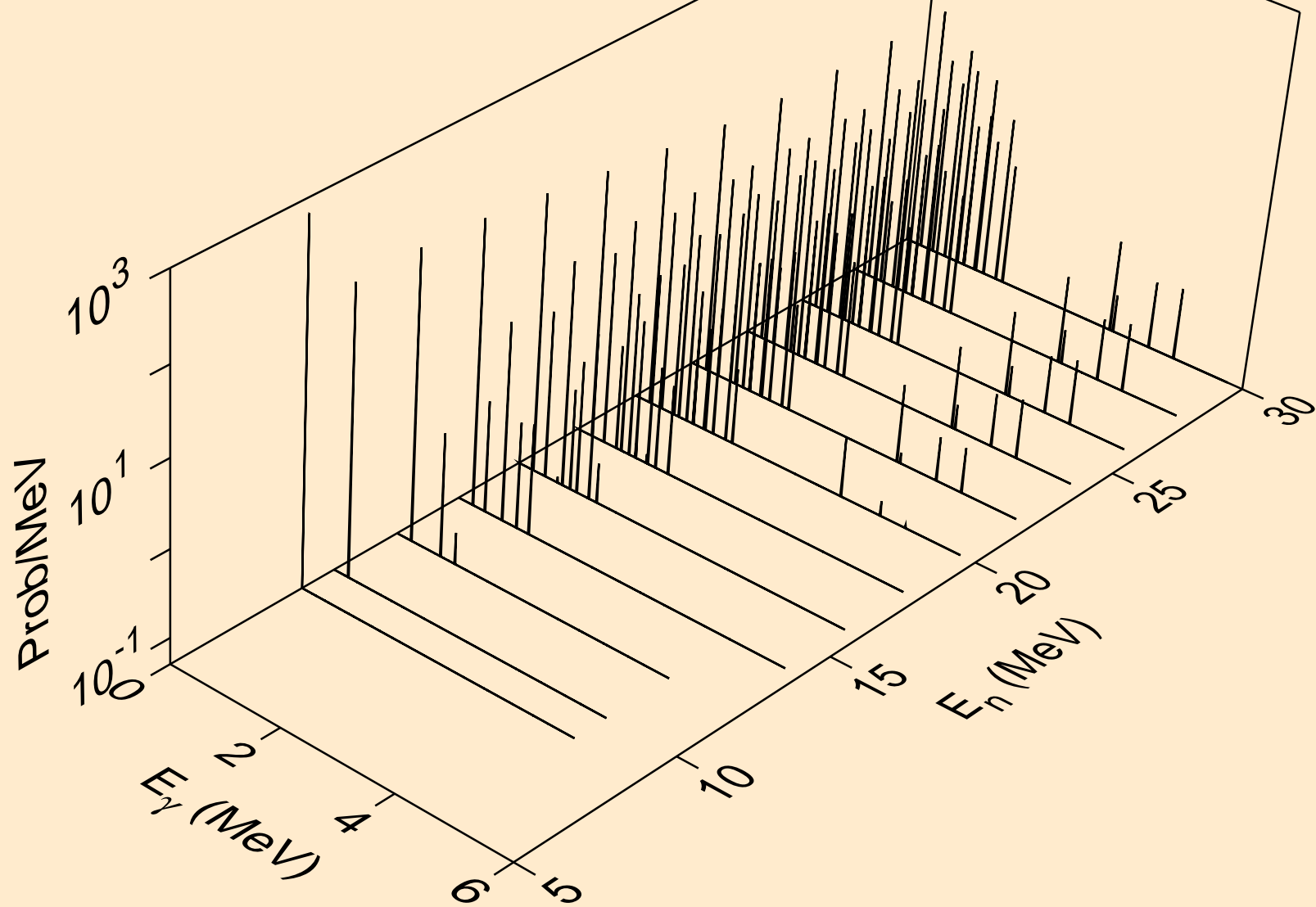
MN051 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



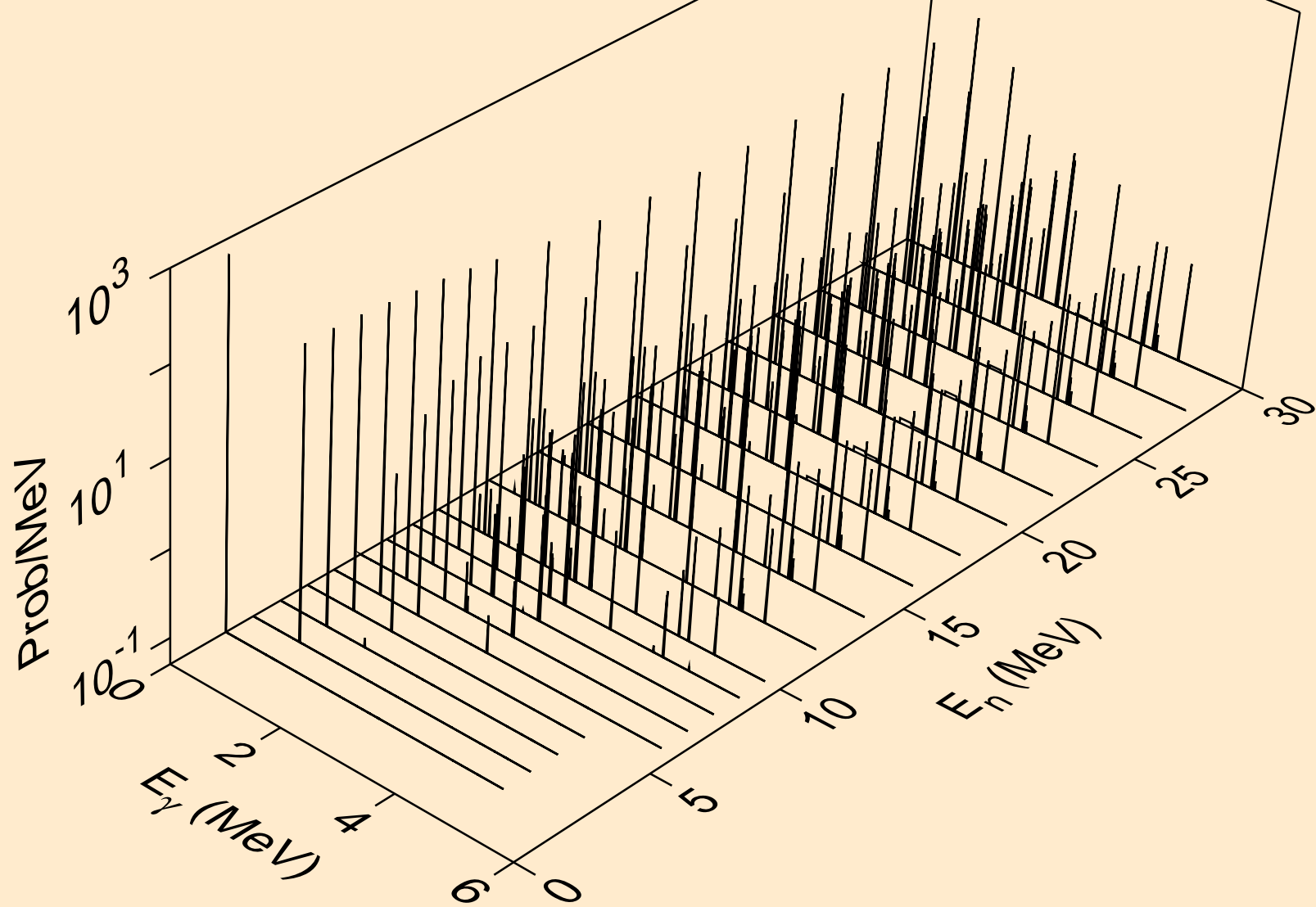
MN051 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



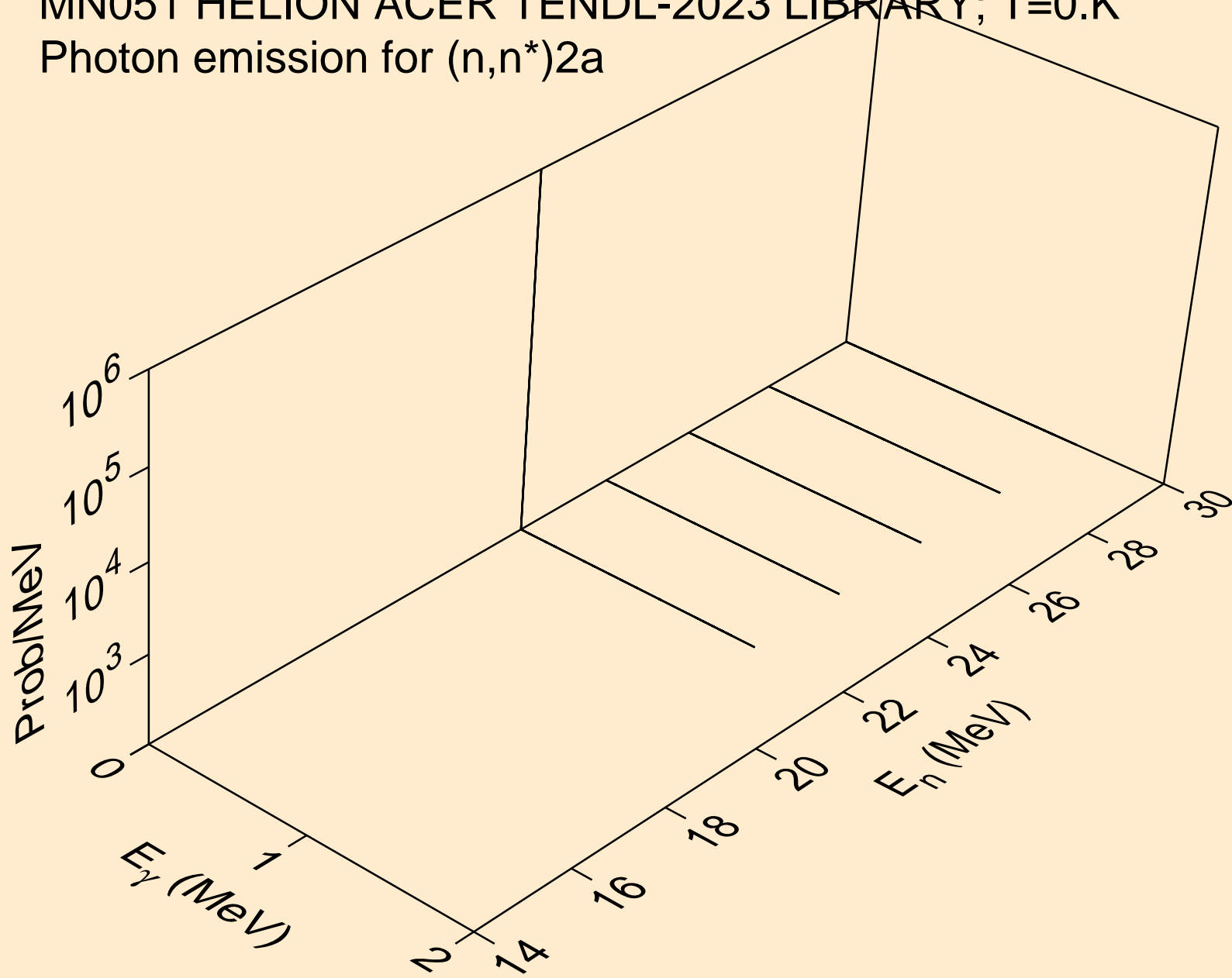
MN051 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



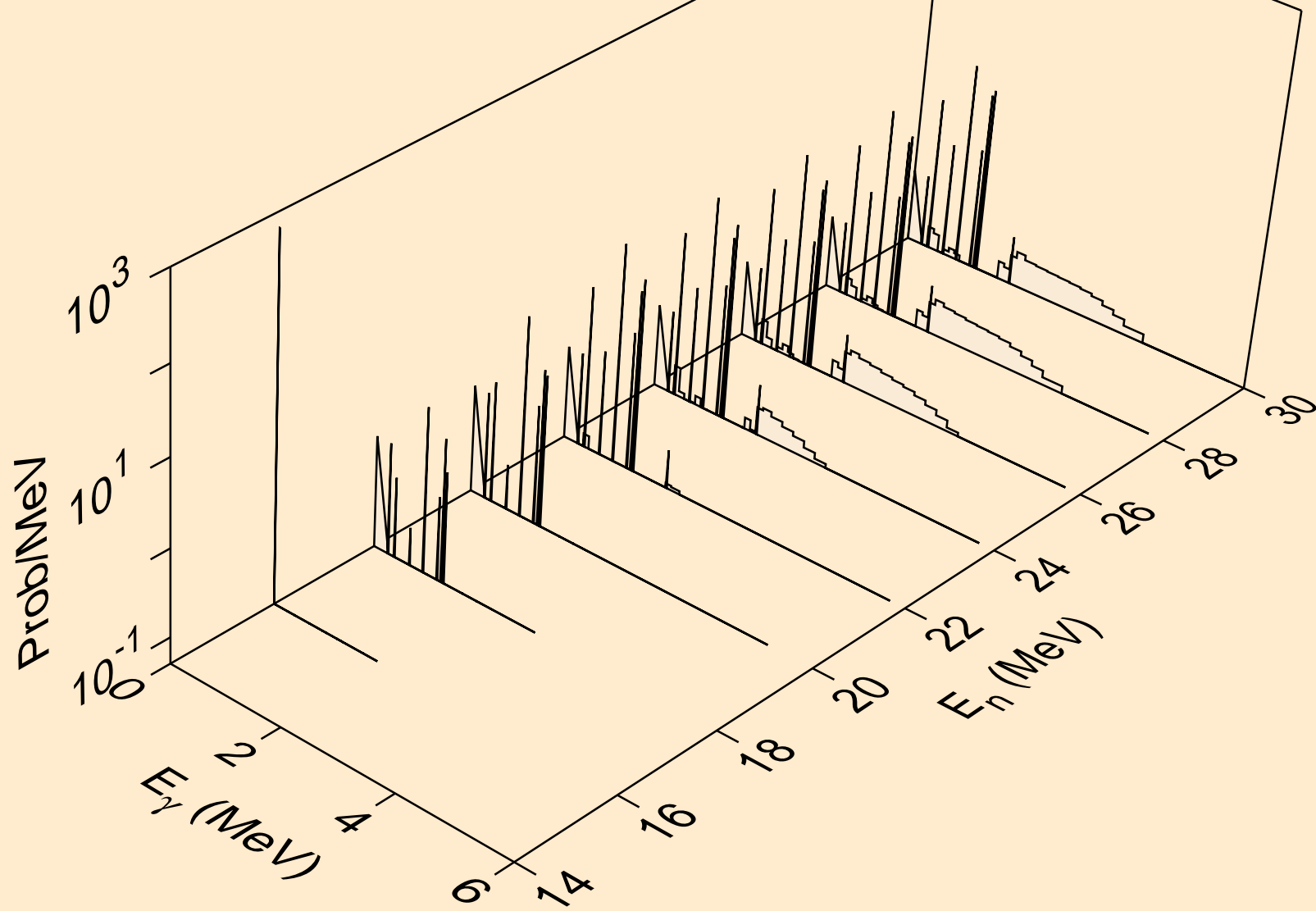
MN051 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



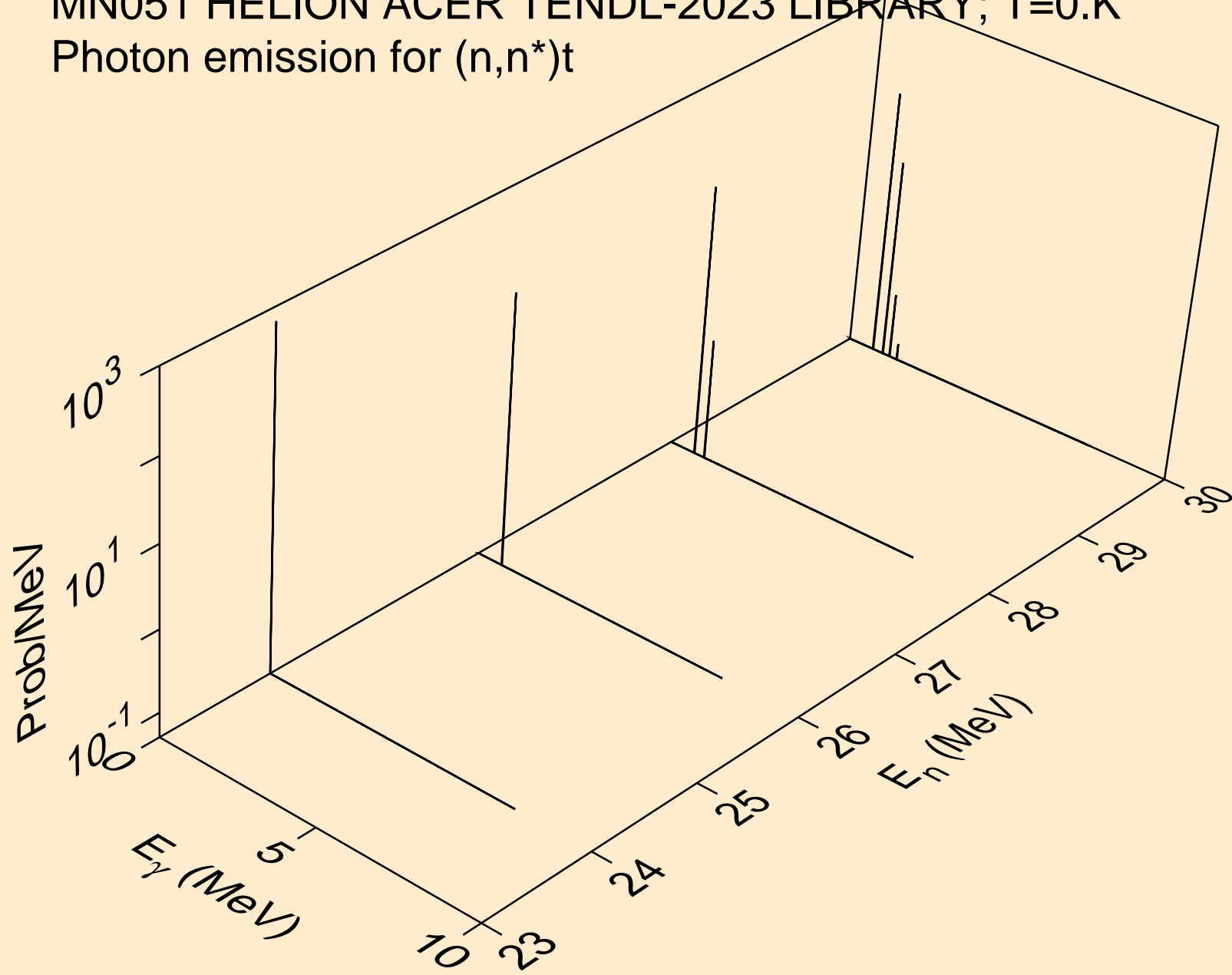
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Photon emission for (n,n\*)2a



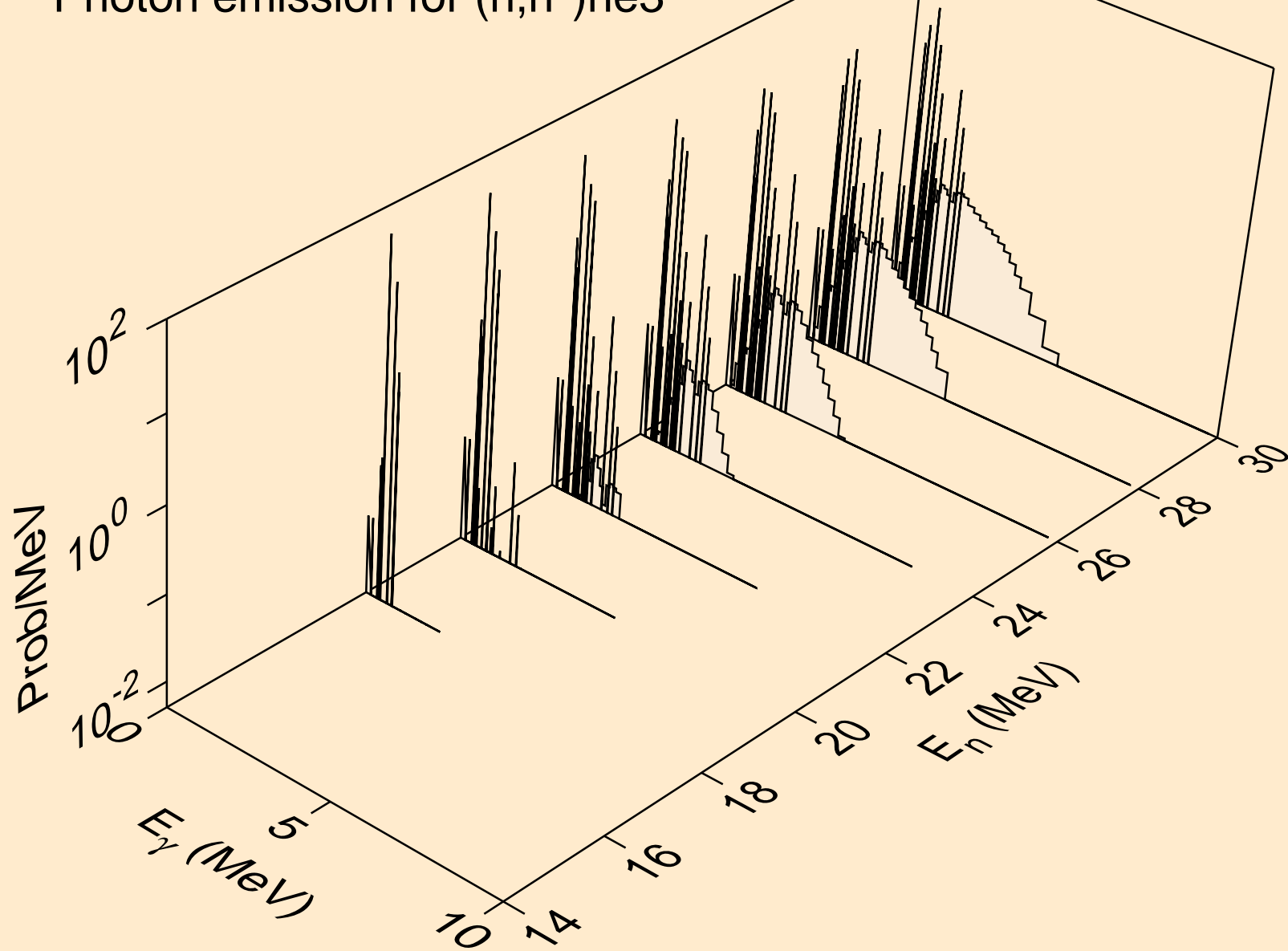
MN051 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



MN051 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

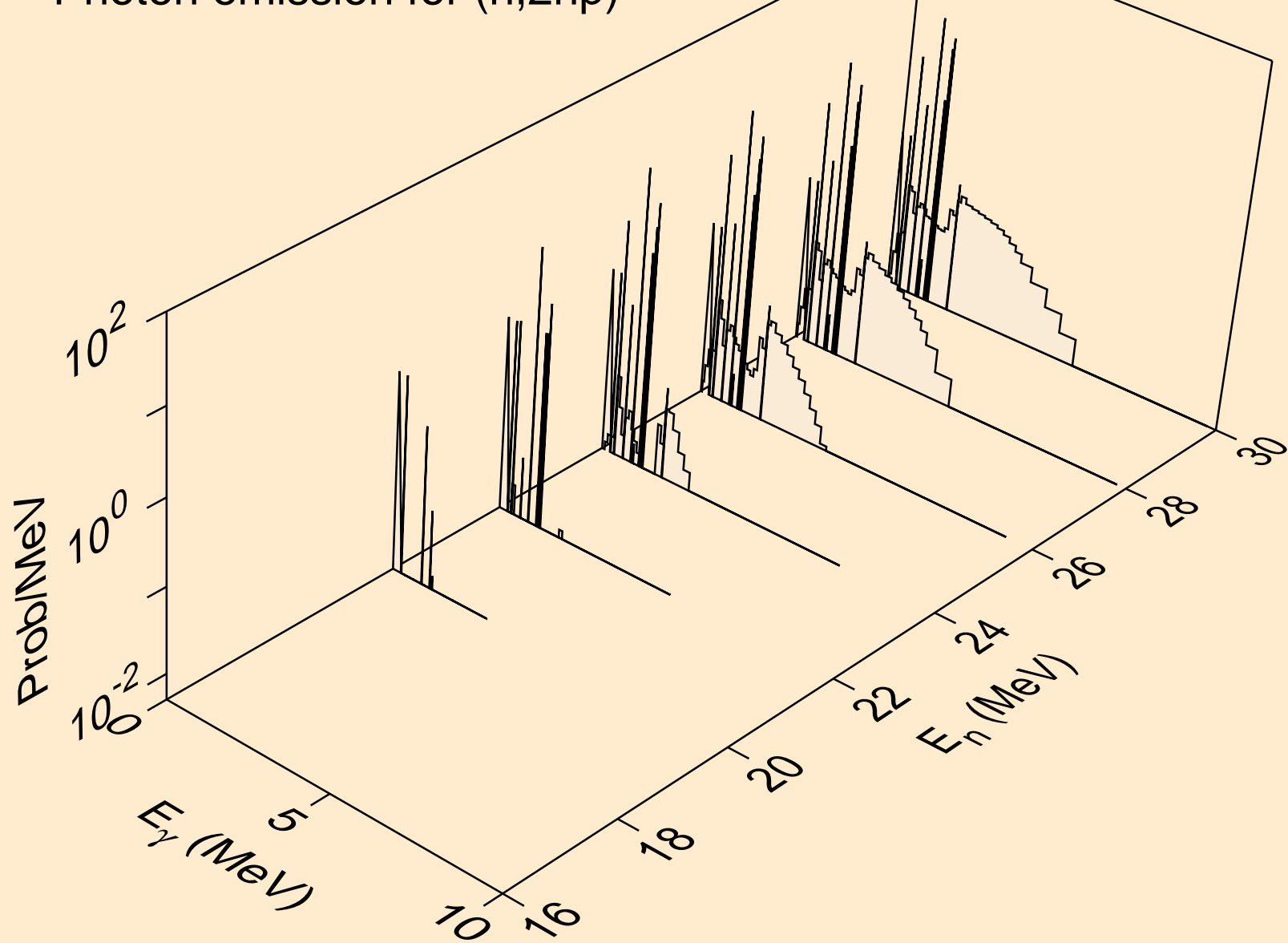


MN051 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

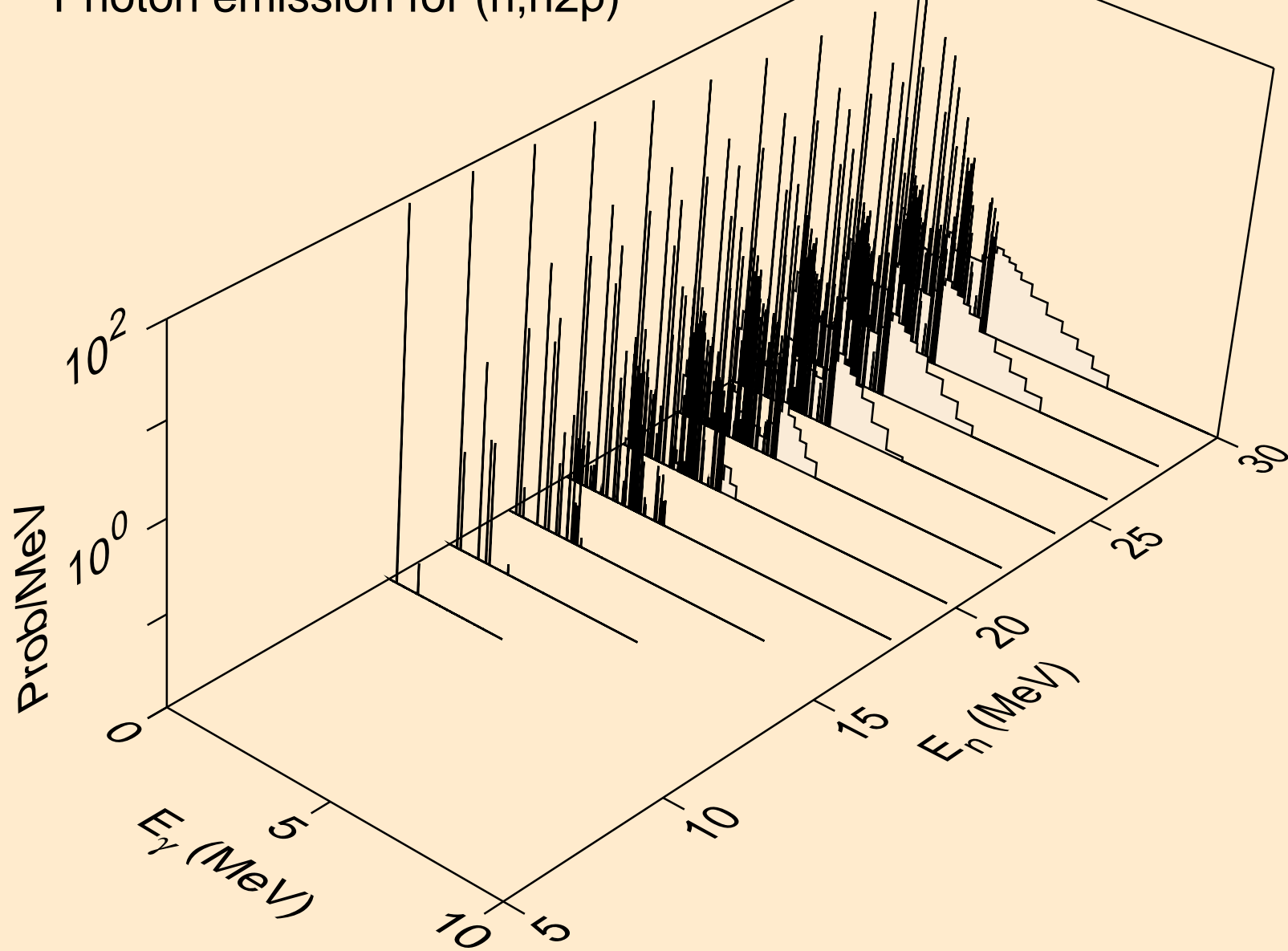




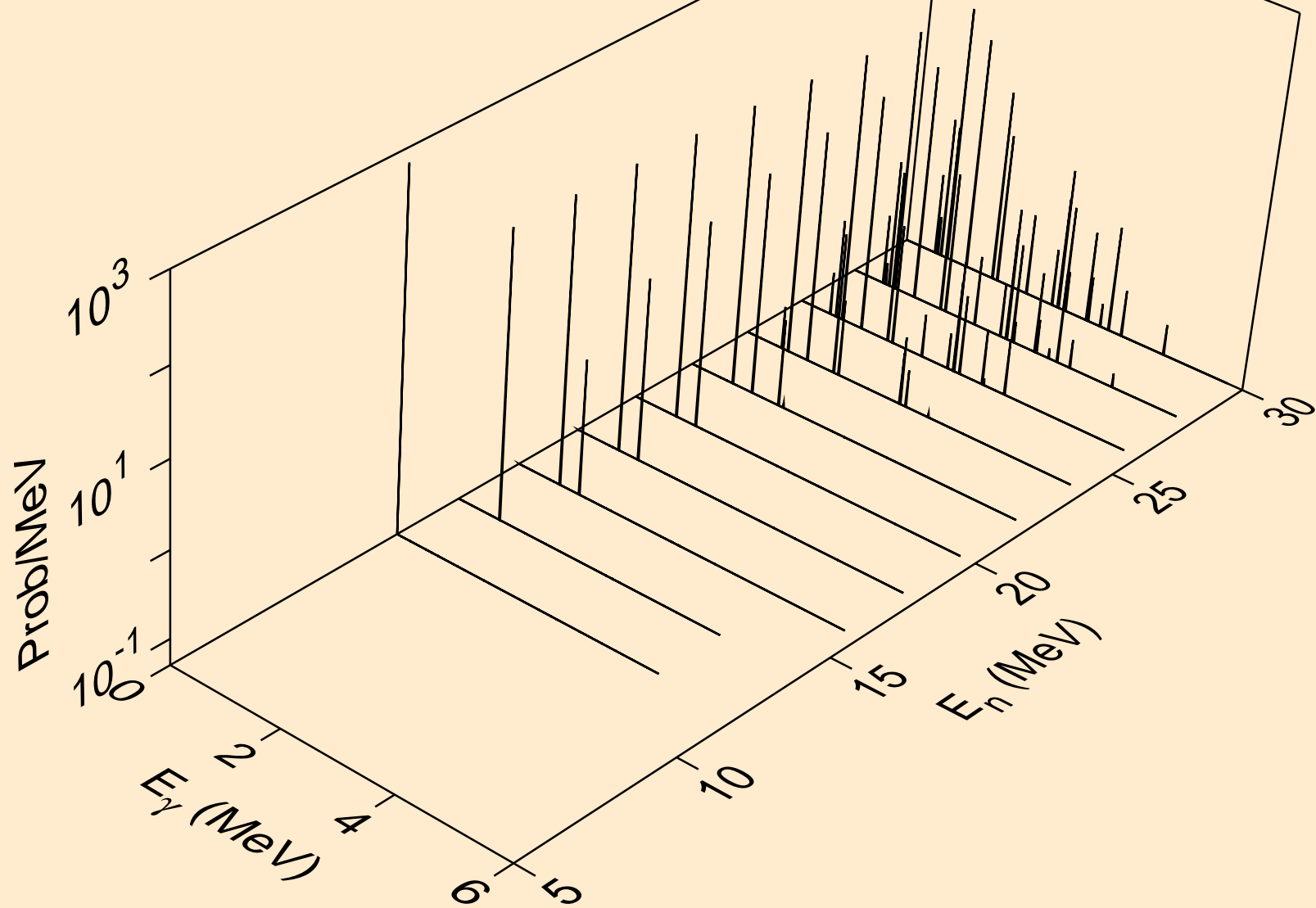
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Photon emission for (n,2np)



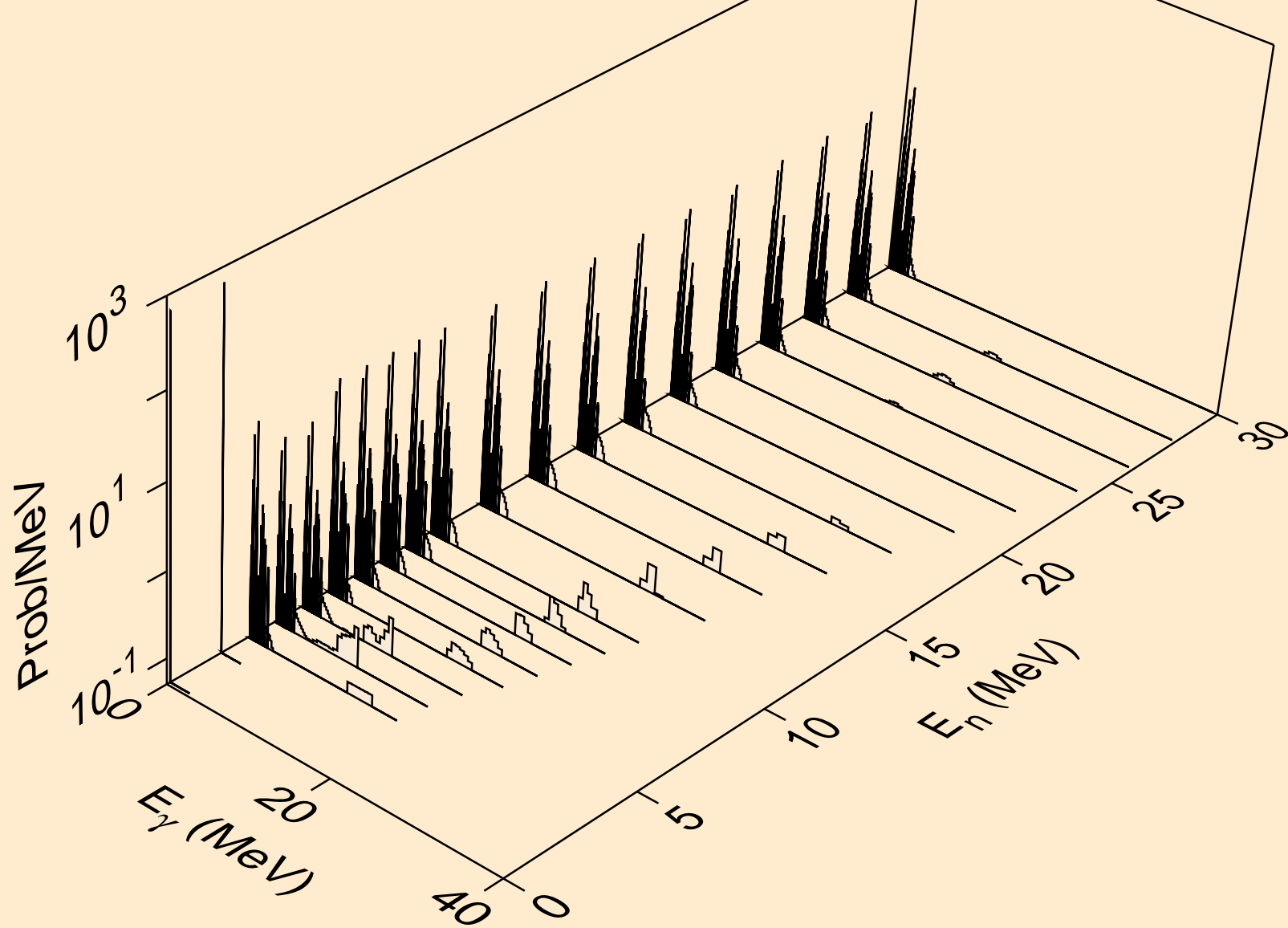
MN051 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



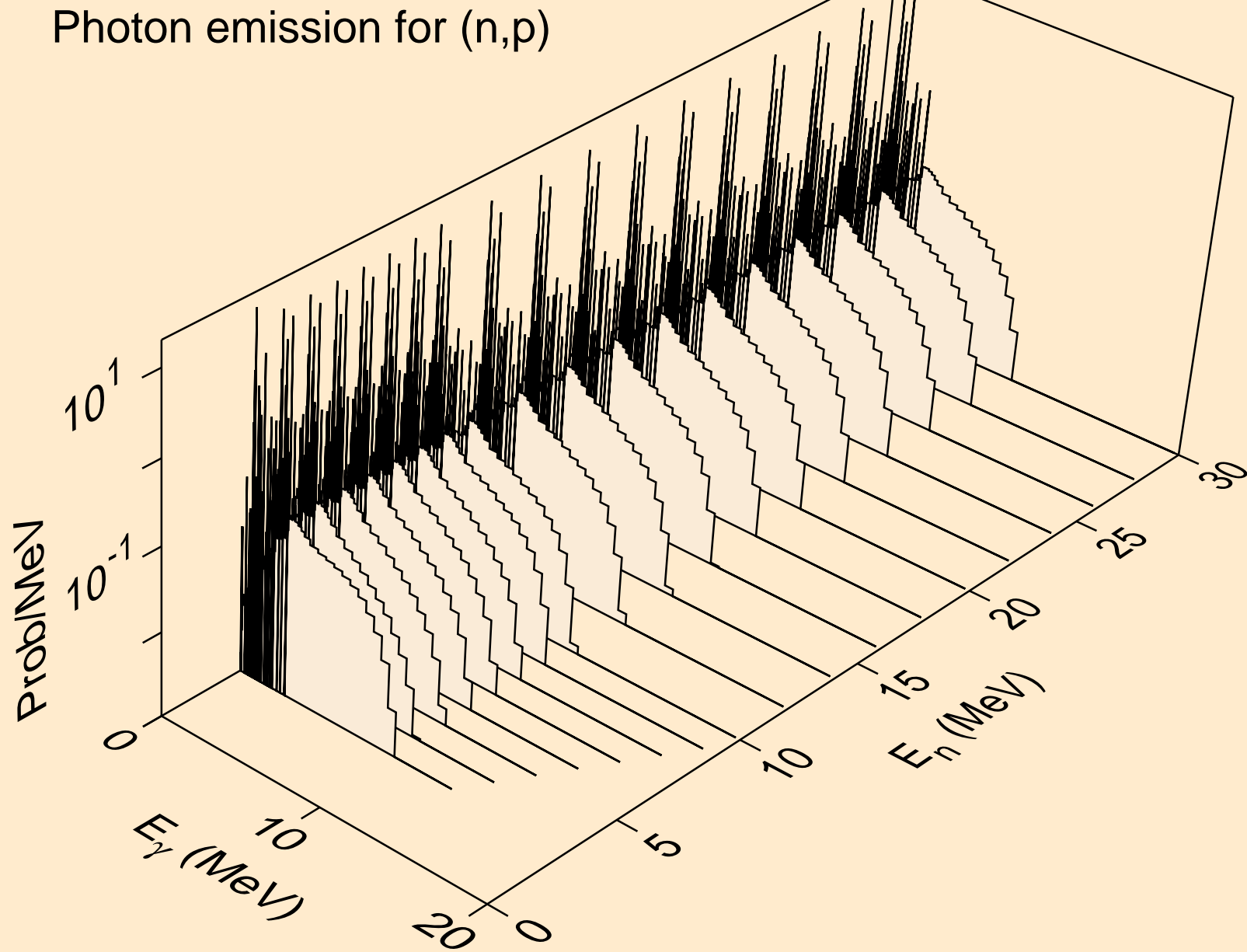
MN051 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



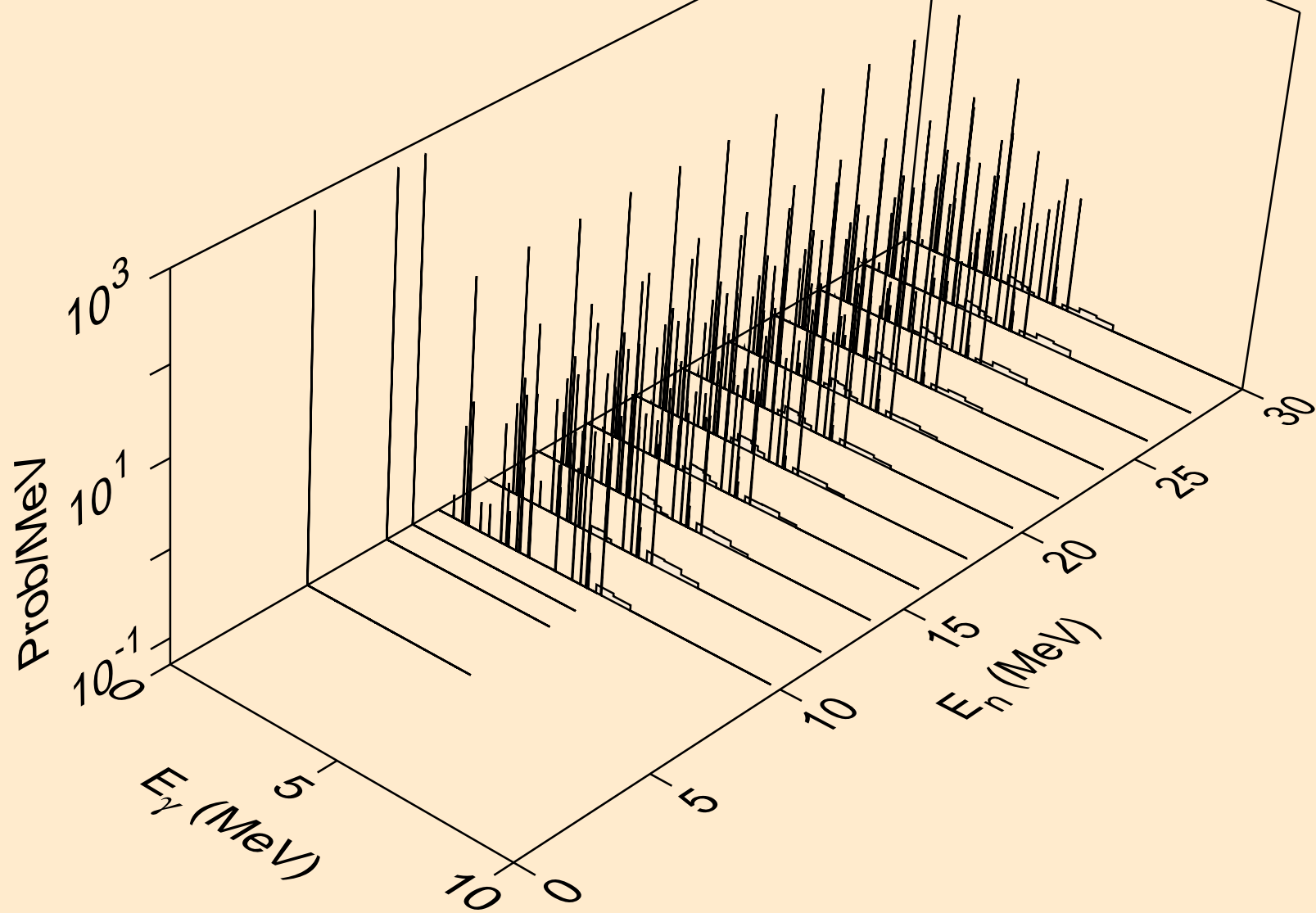
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Photon emission for (n,gma)



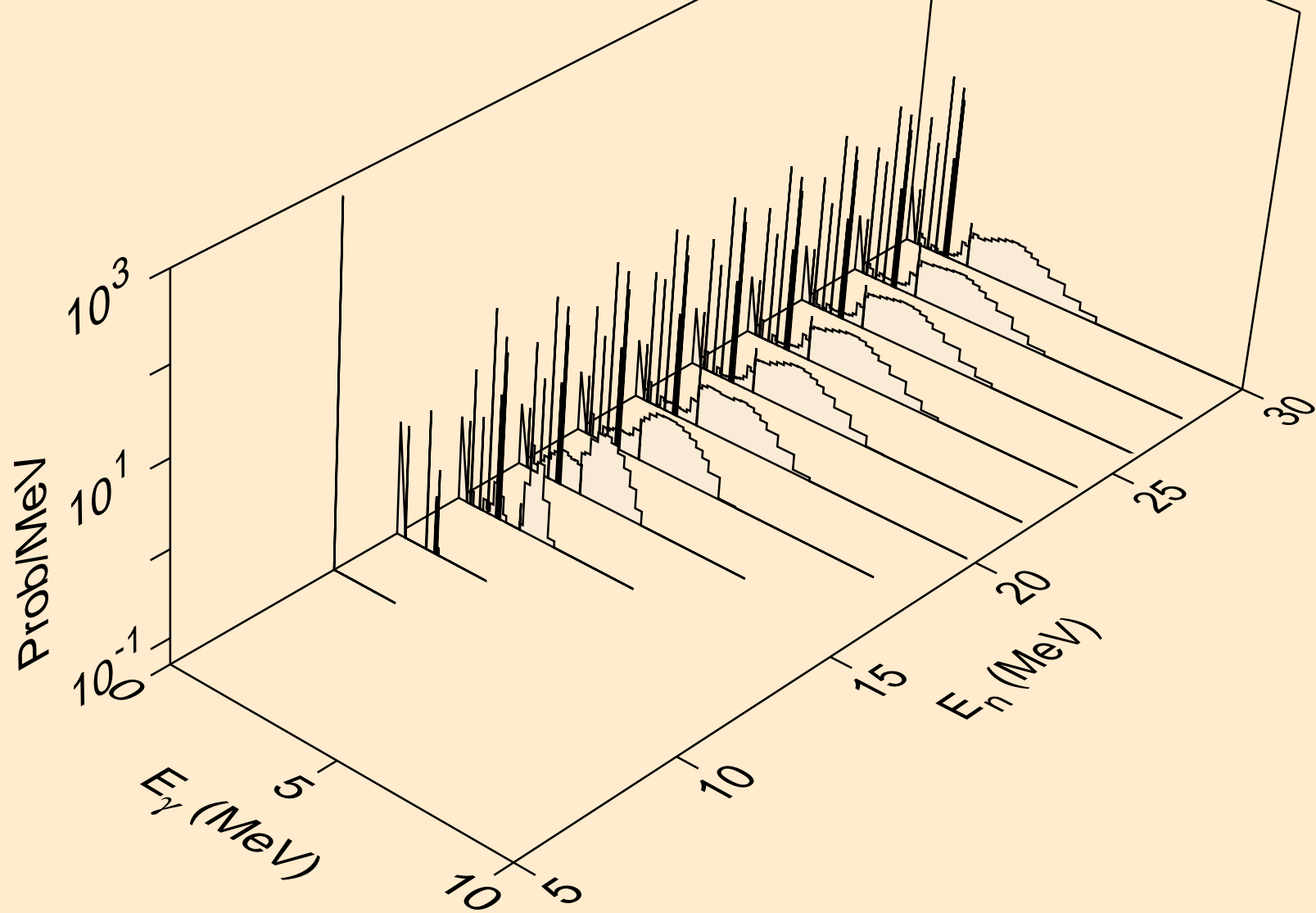
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Photon emission for (n,p)



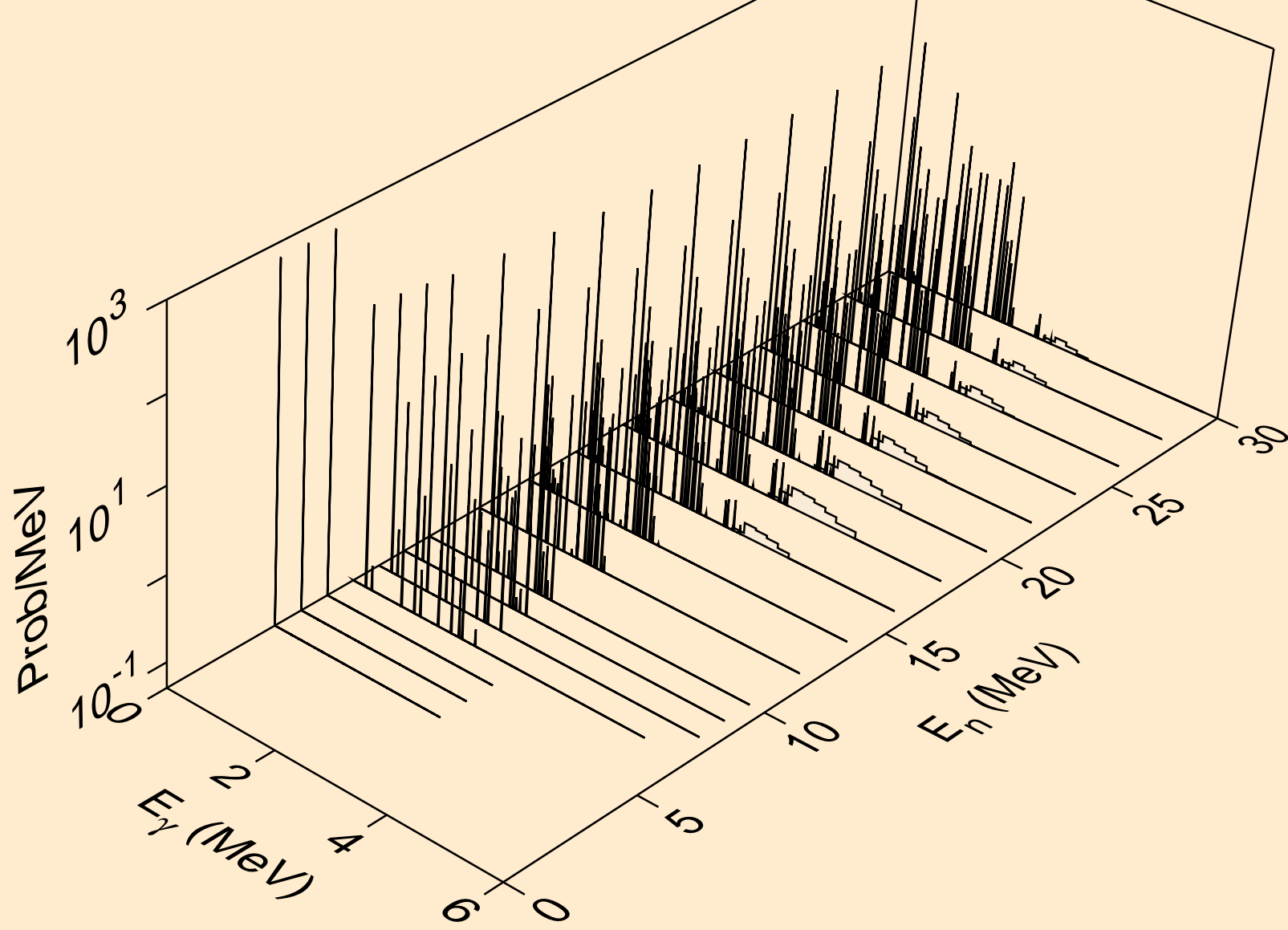
MN051 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



MN051 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)

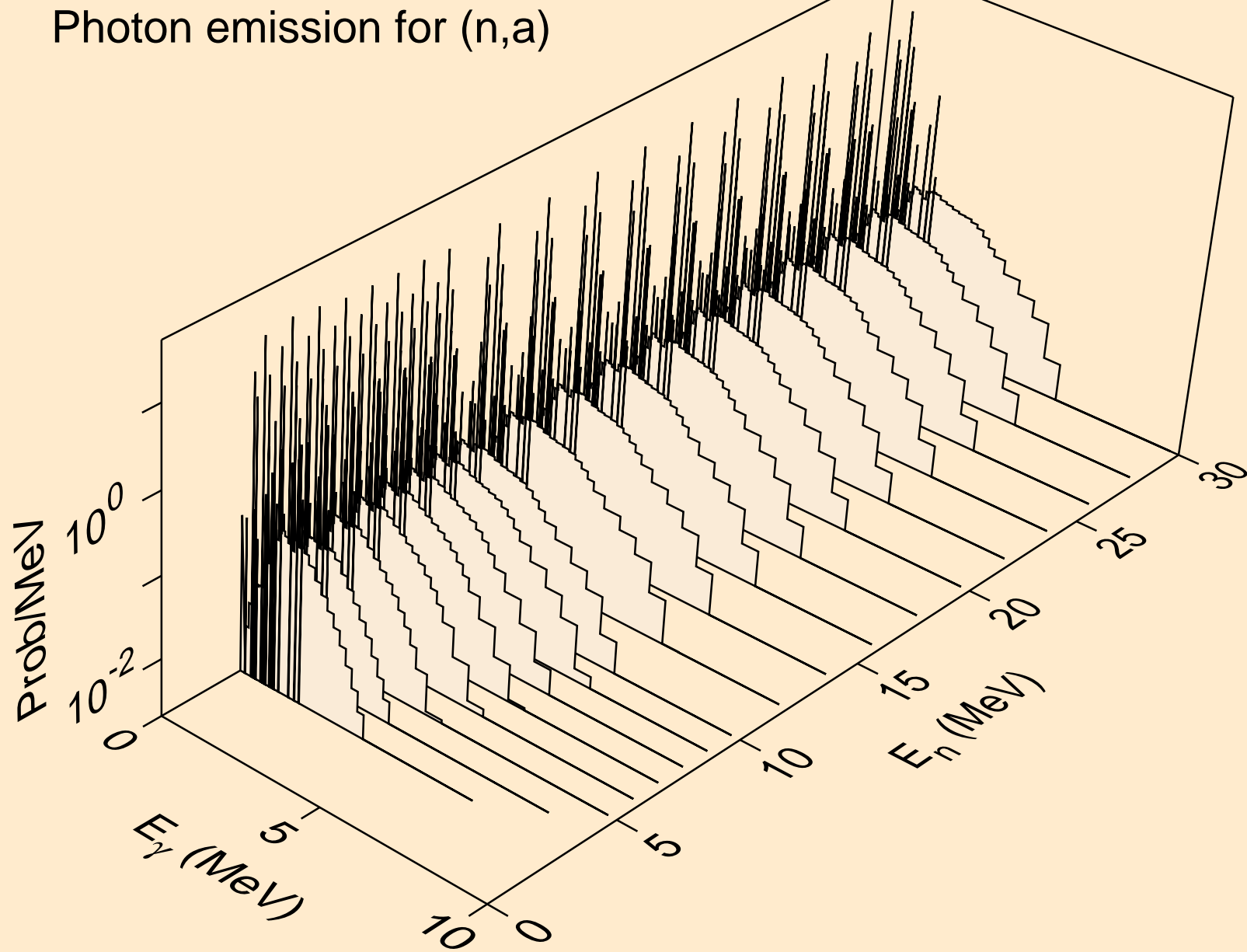


MN051 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

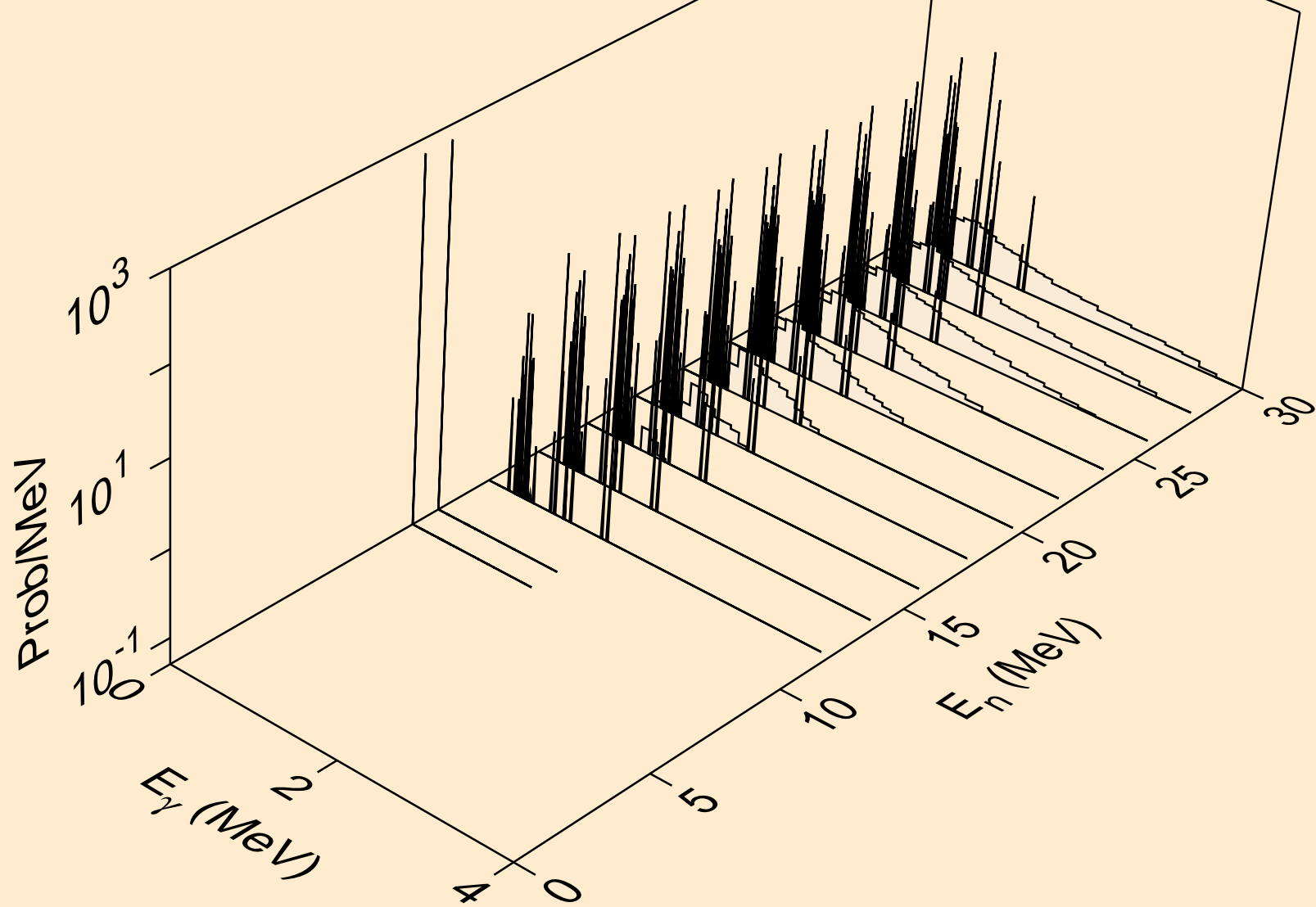




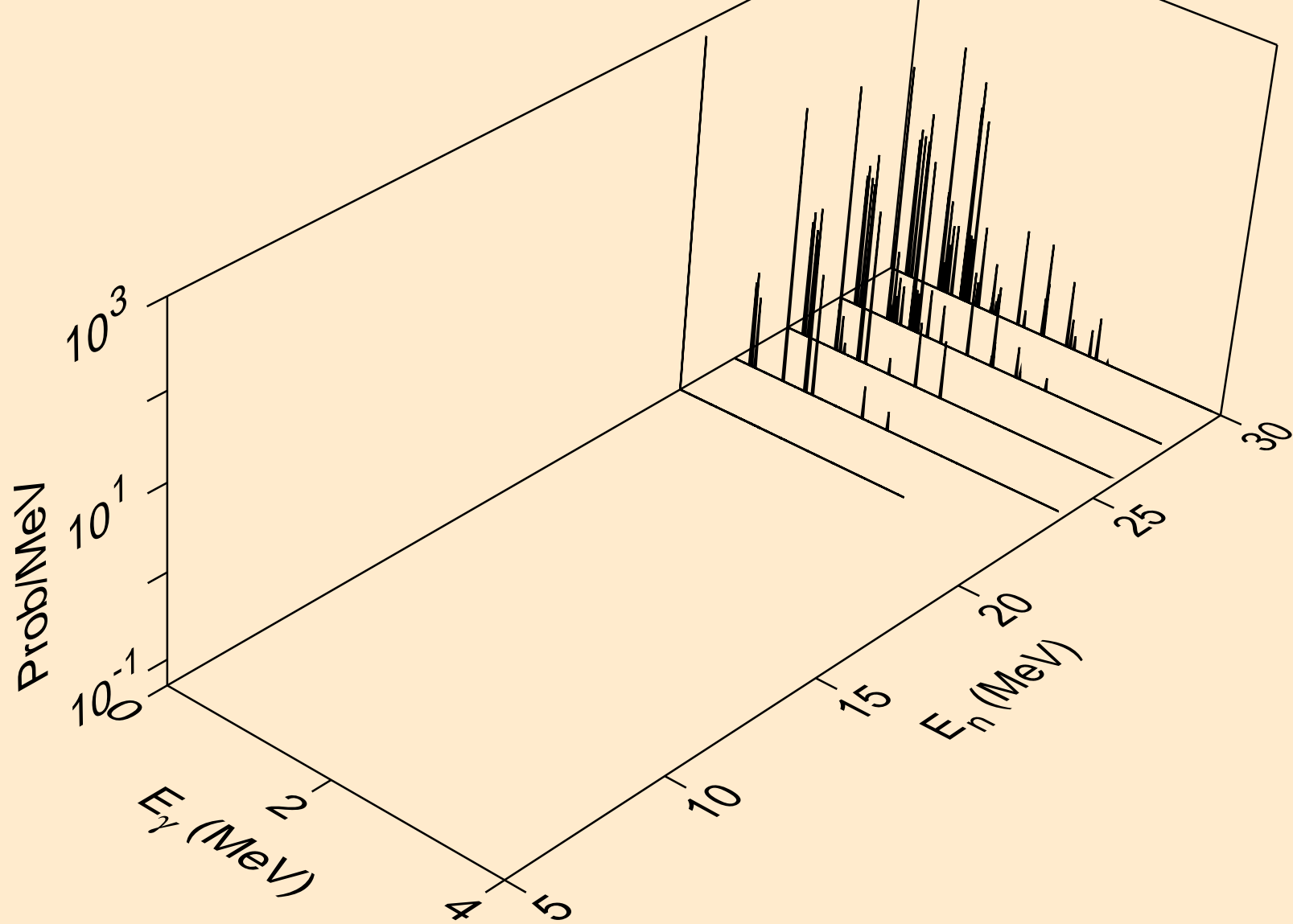
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Photon emission for (n,a)



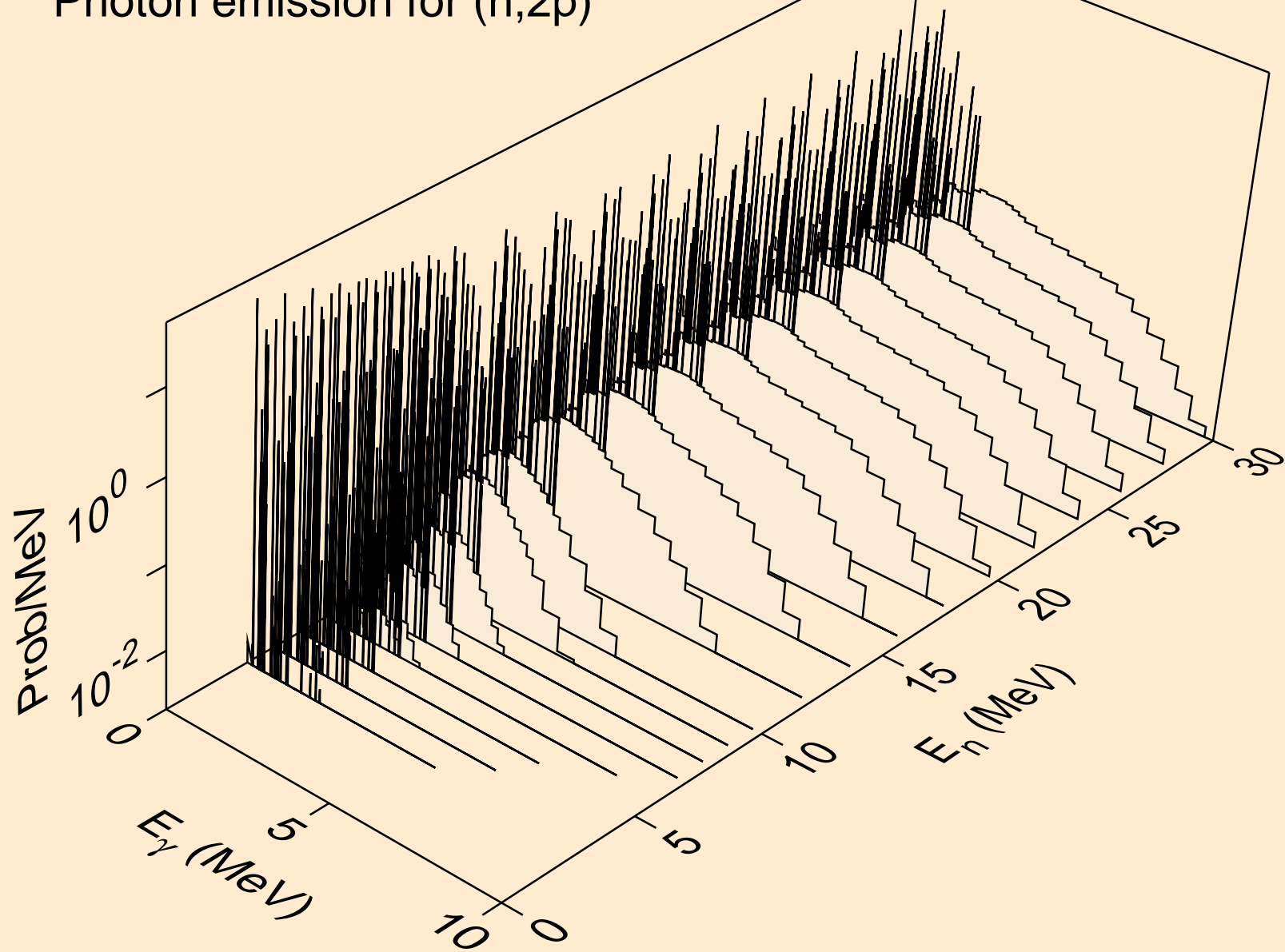
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Photon emission for (n,2a)



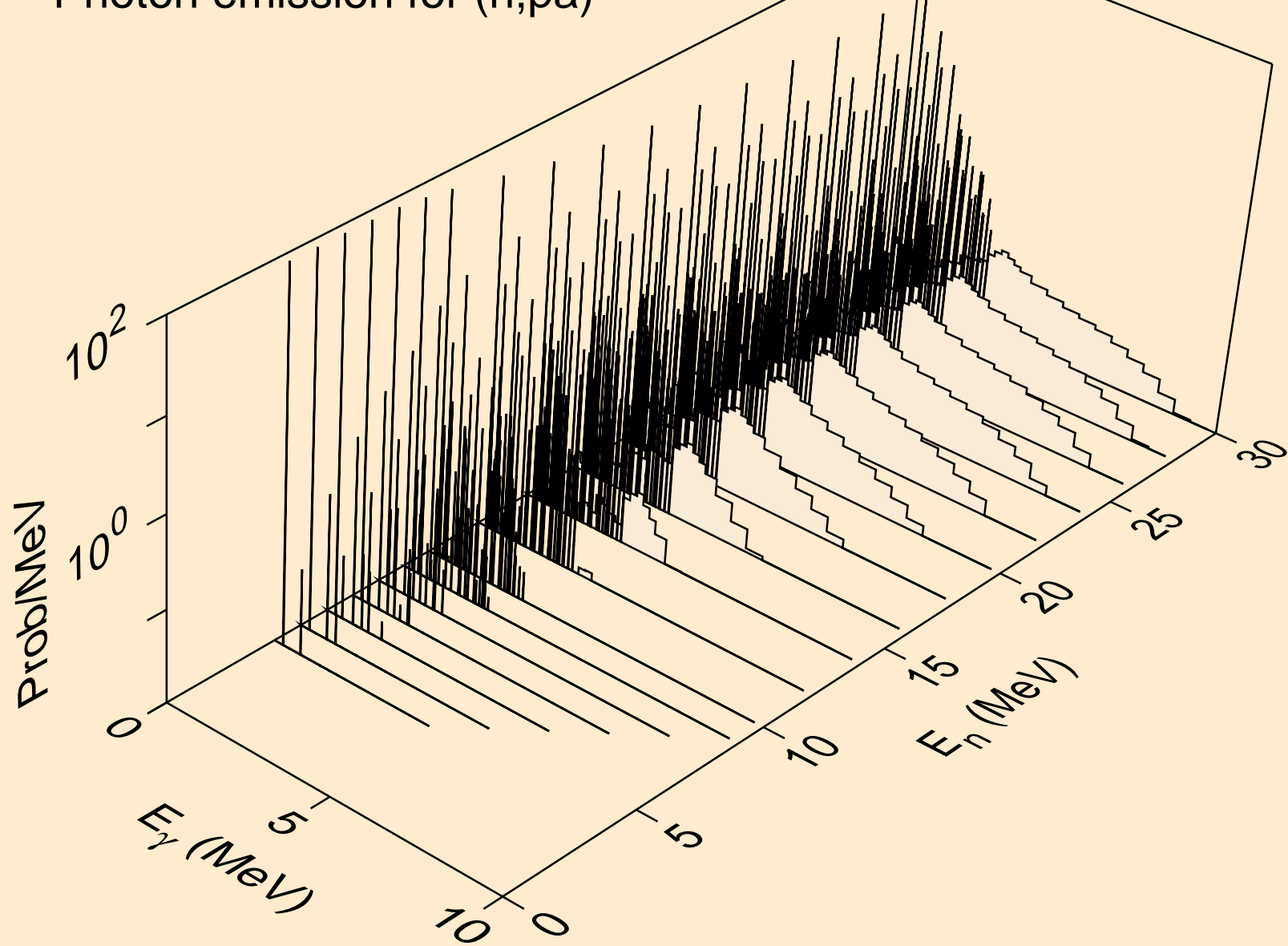
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Photon emission for (n,3a)



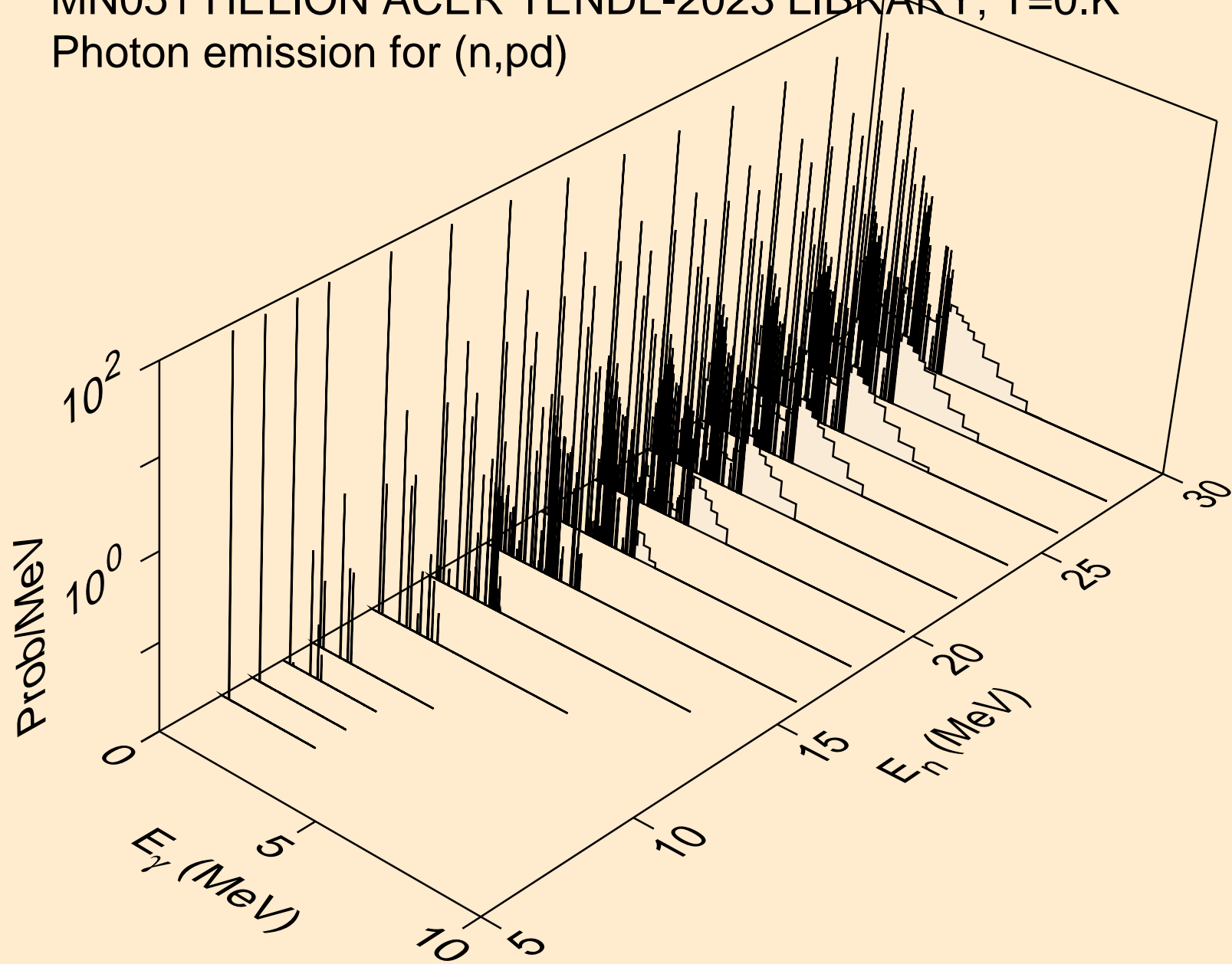
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Photon emission for (n,2p)



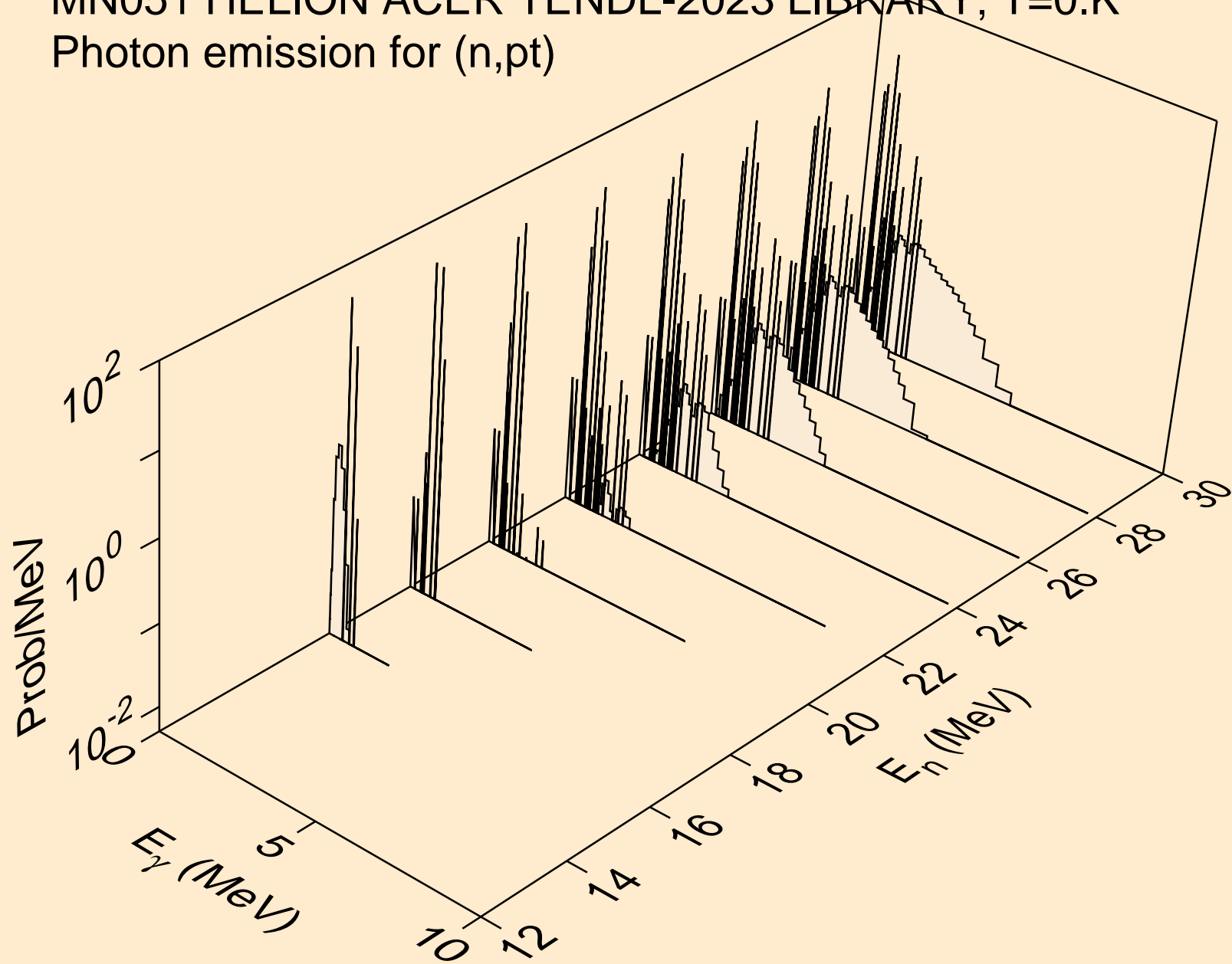
MN051 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



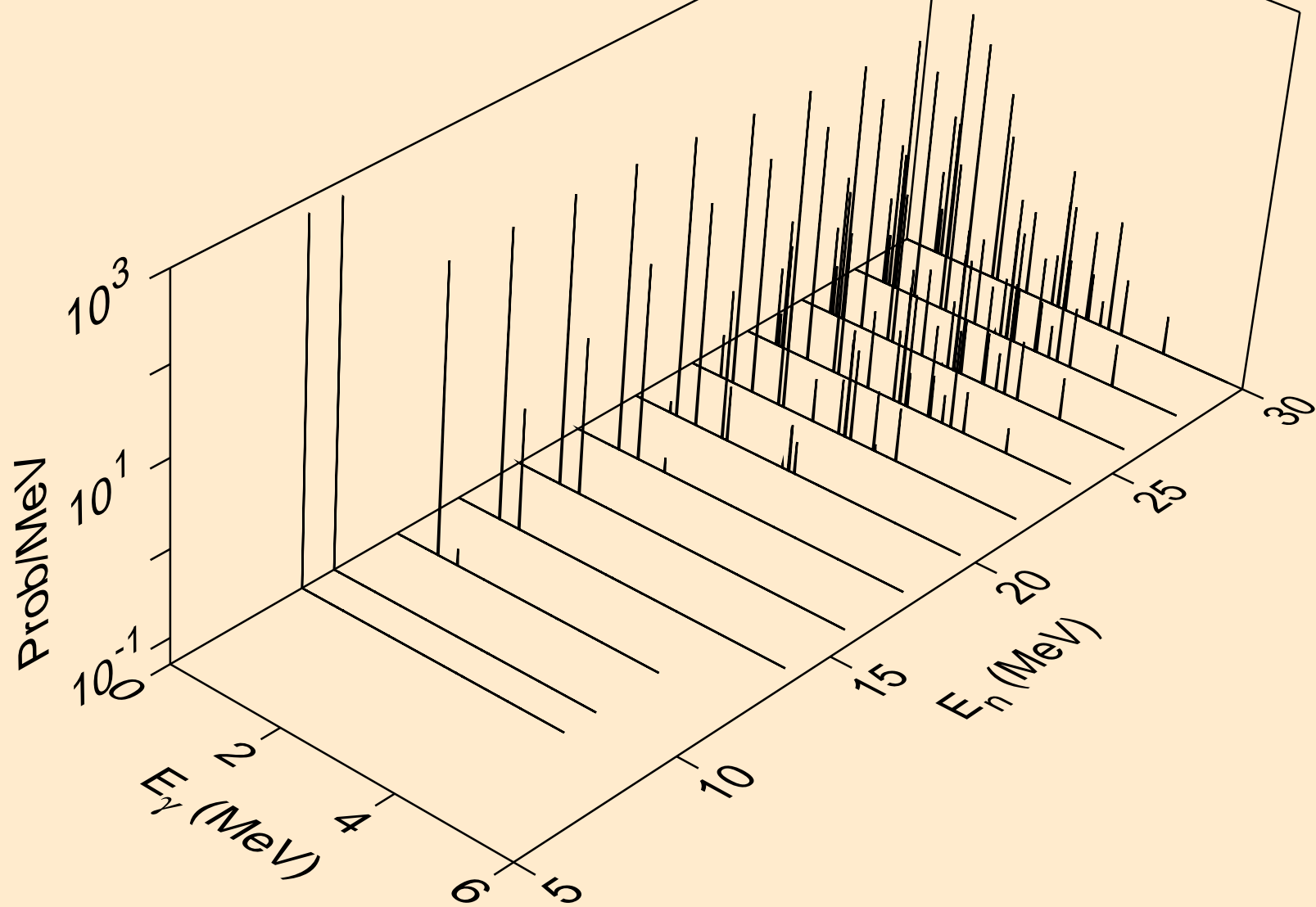
MN051 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



MN051 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)

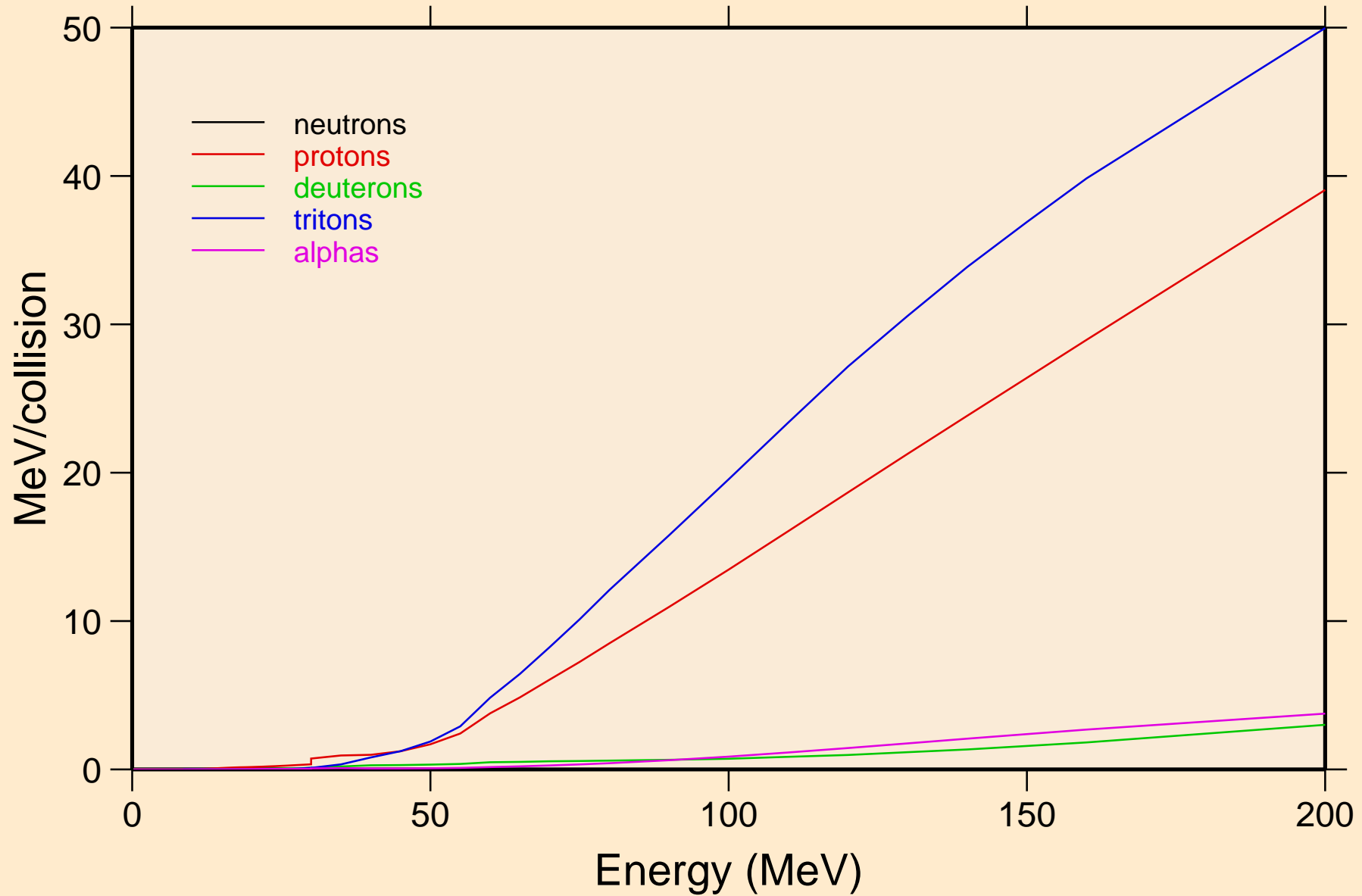


MN051 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



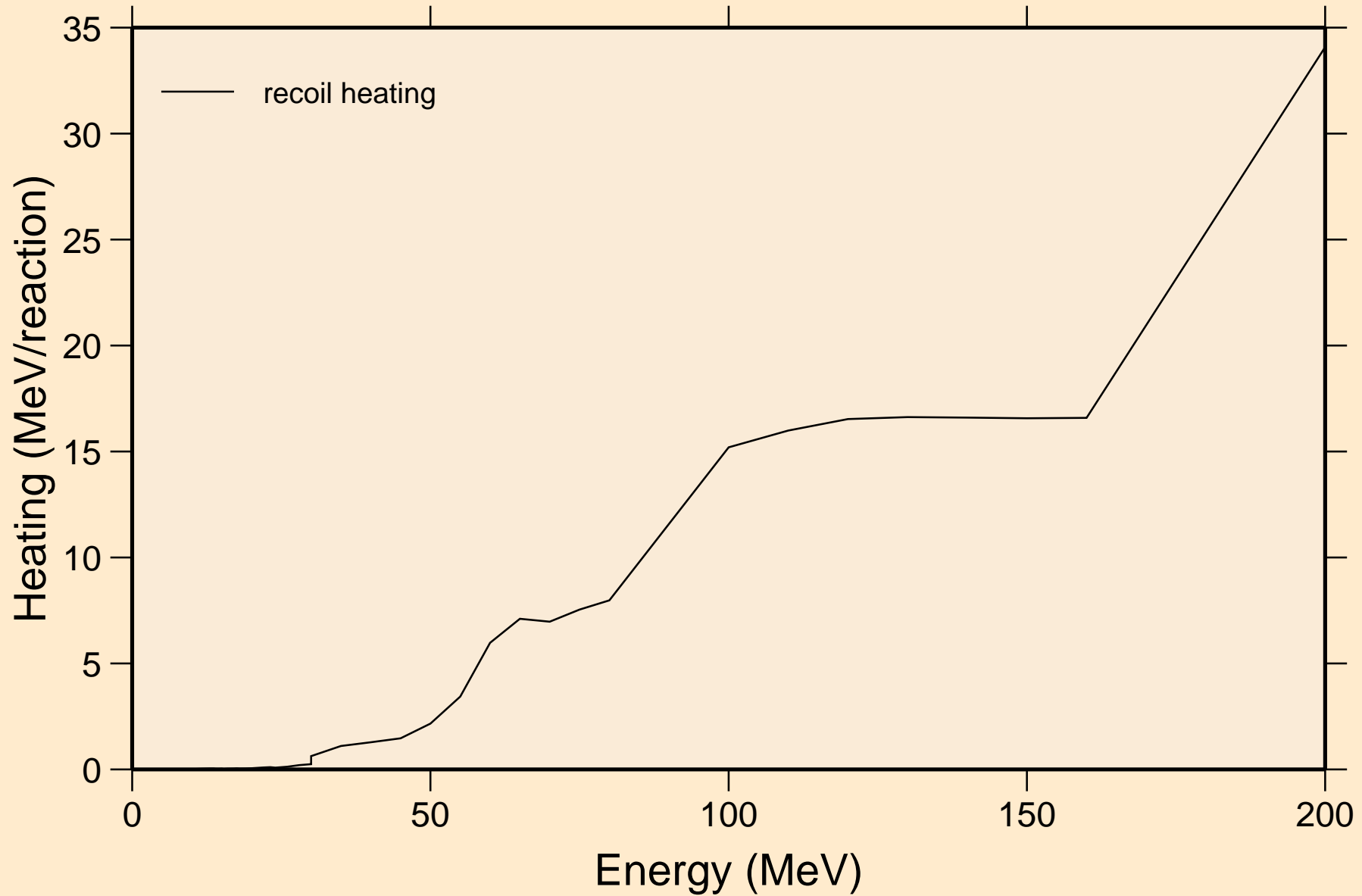


MN051 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions

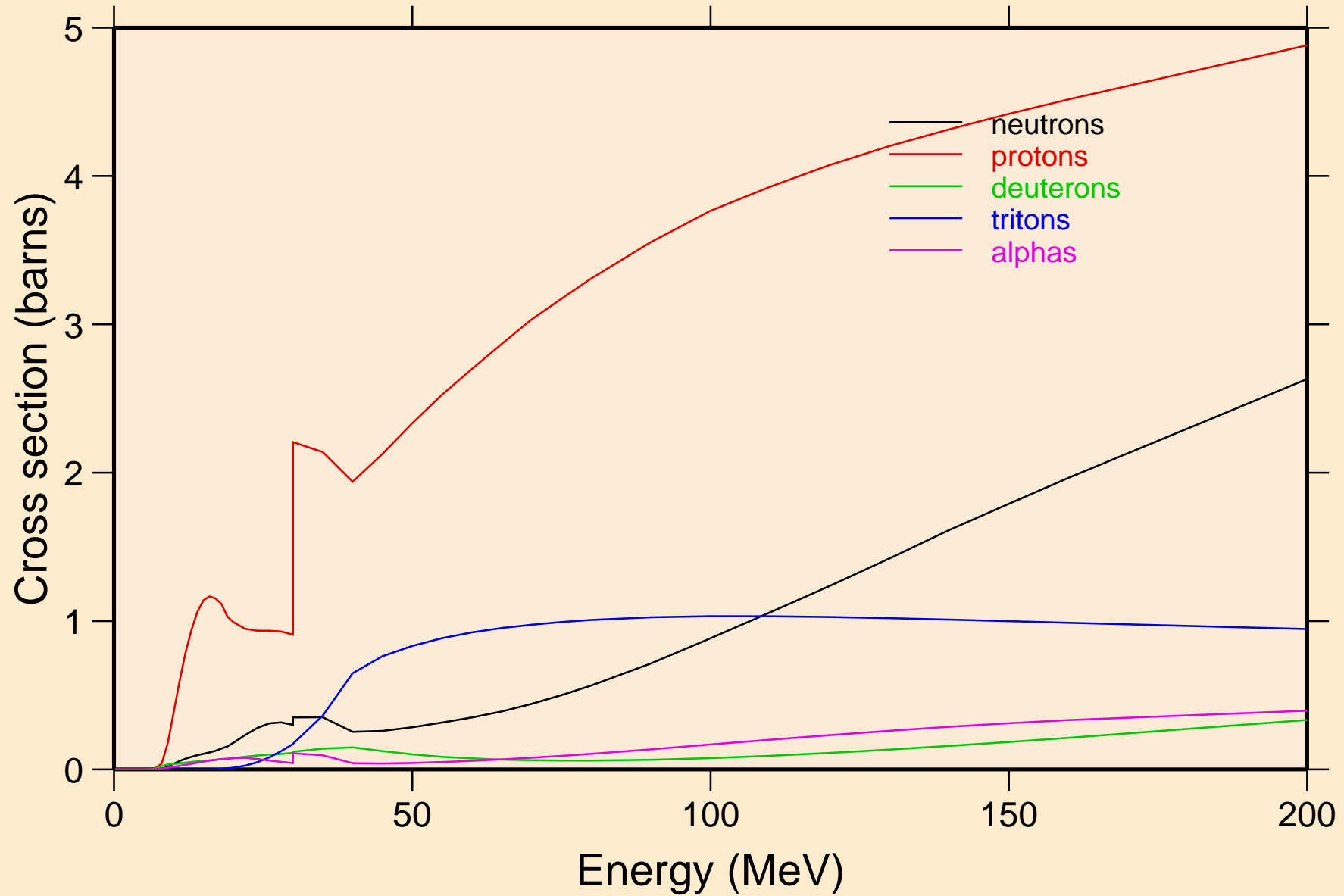


MN051 HELION ACER TENDL-2023 LIBRARY; T=0.K

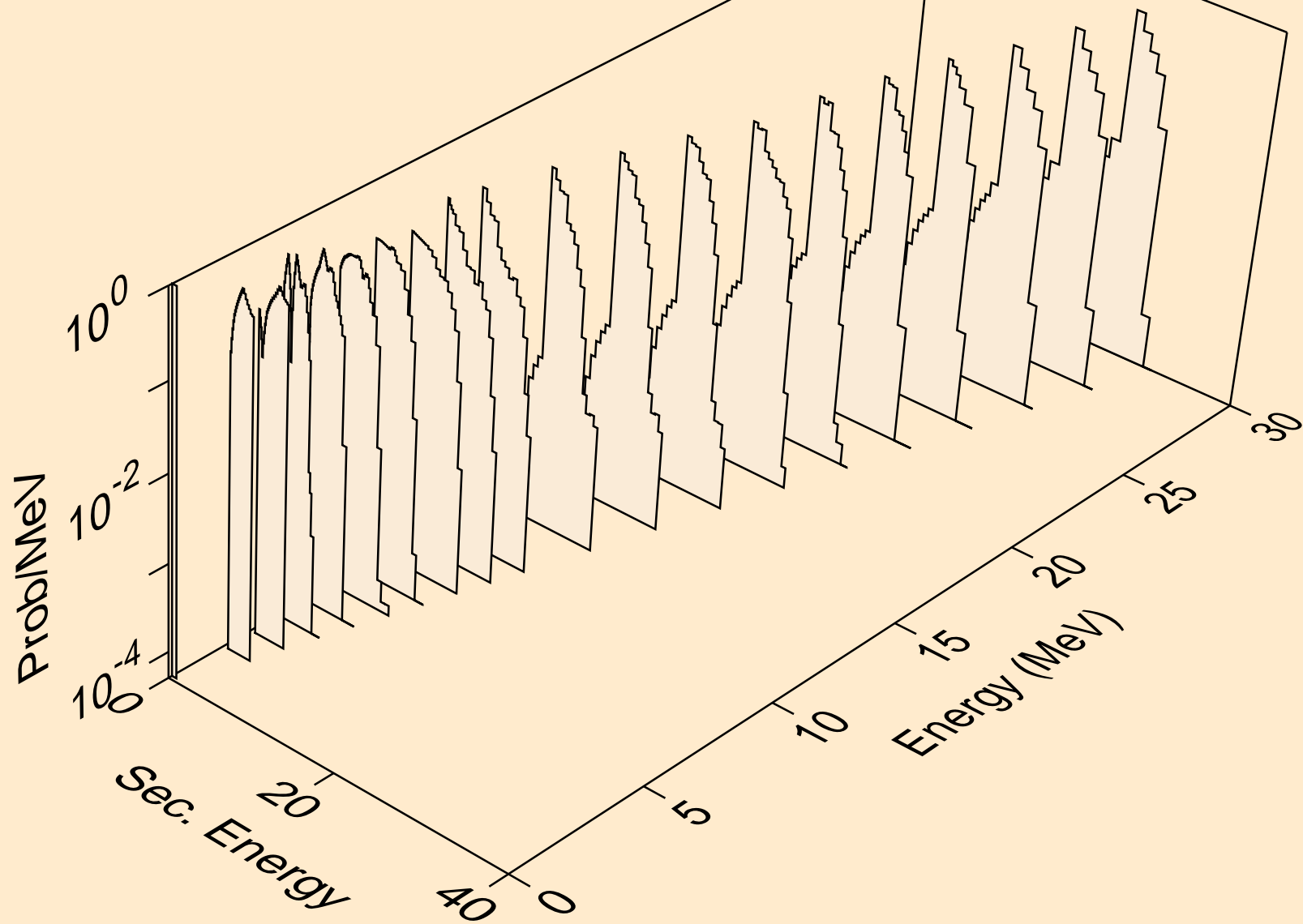
### Recoil Heating



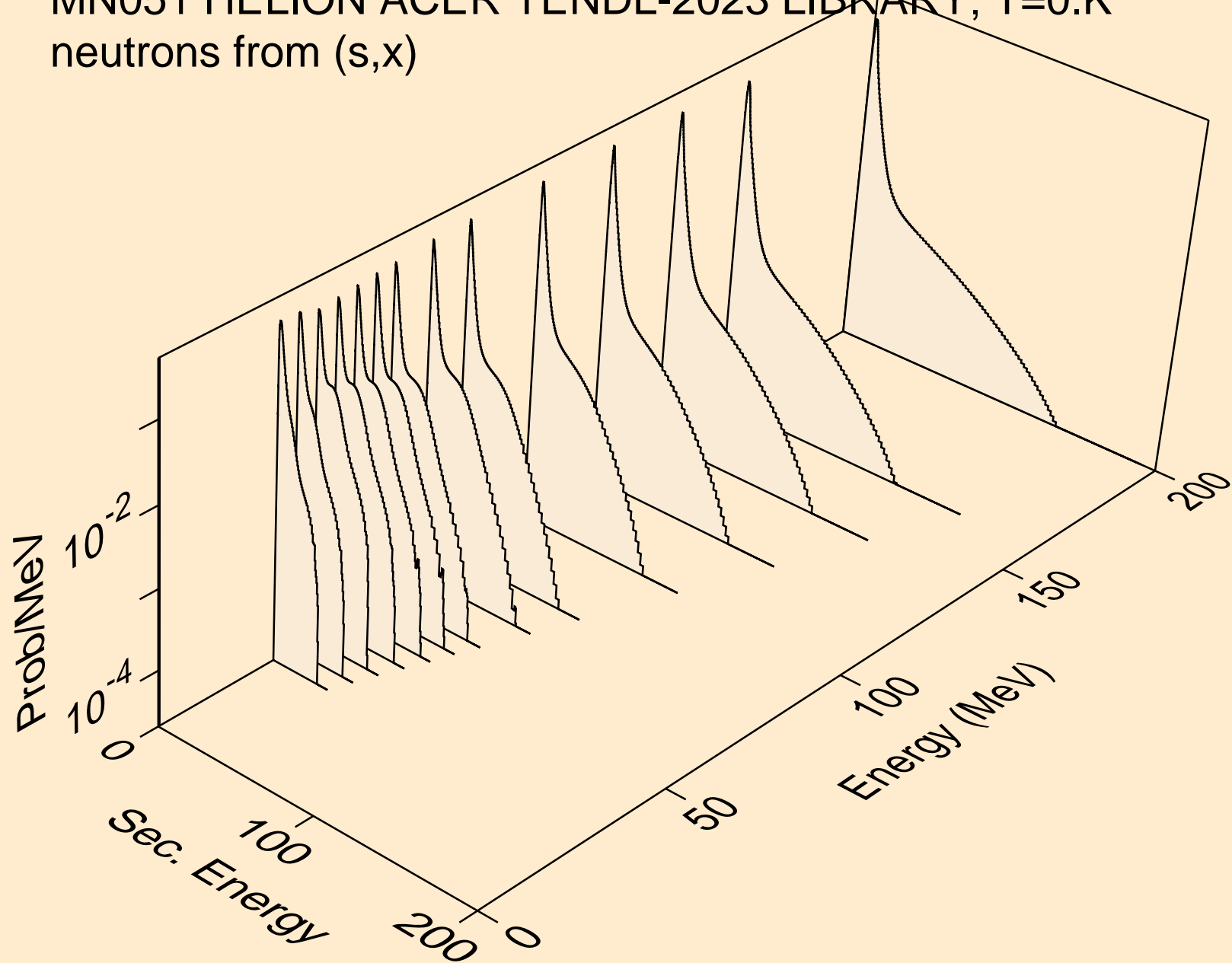
MN051 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



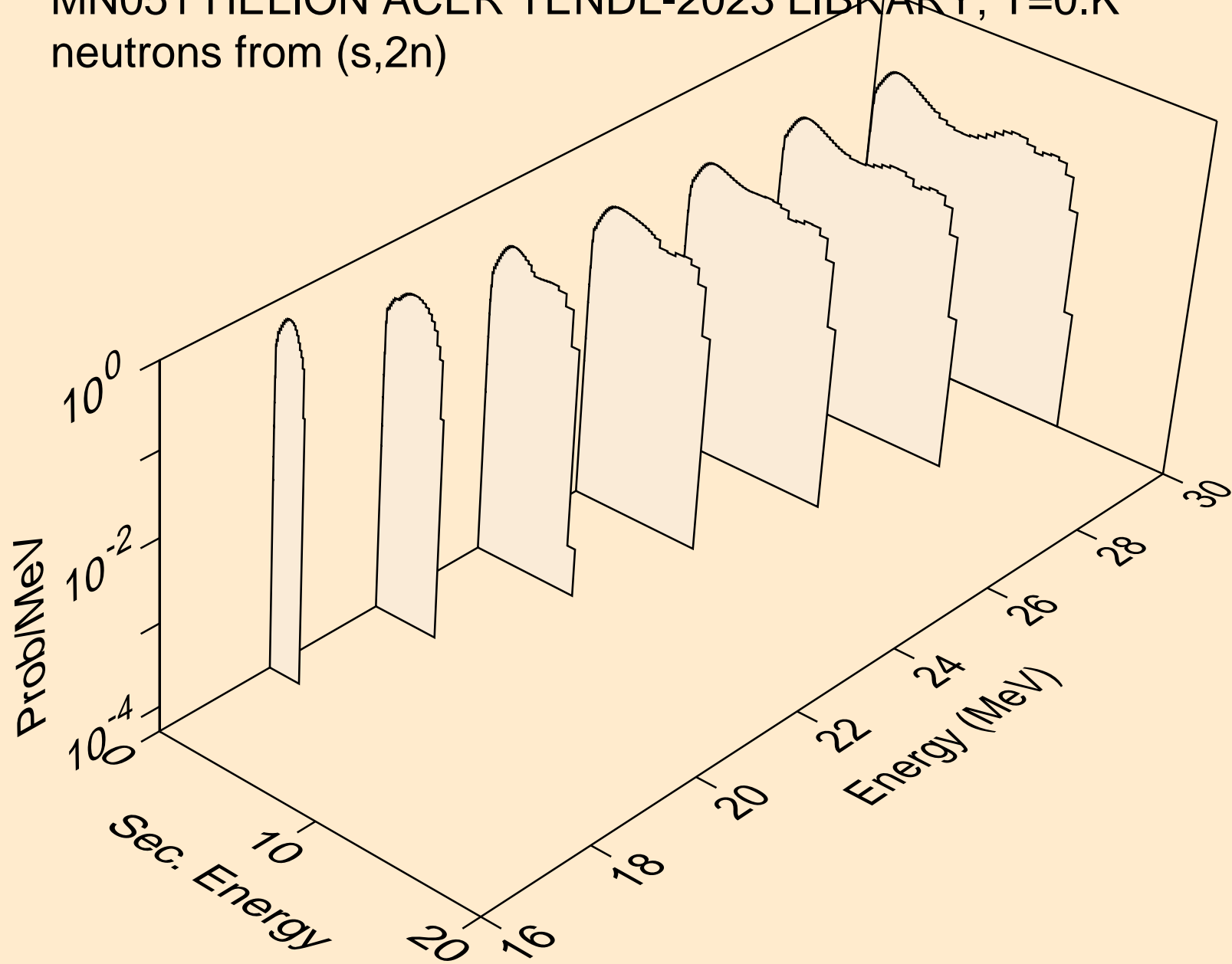
MN051 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n)



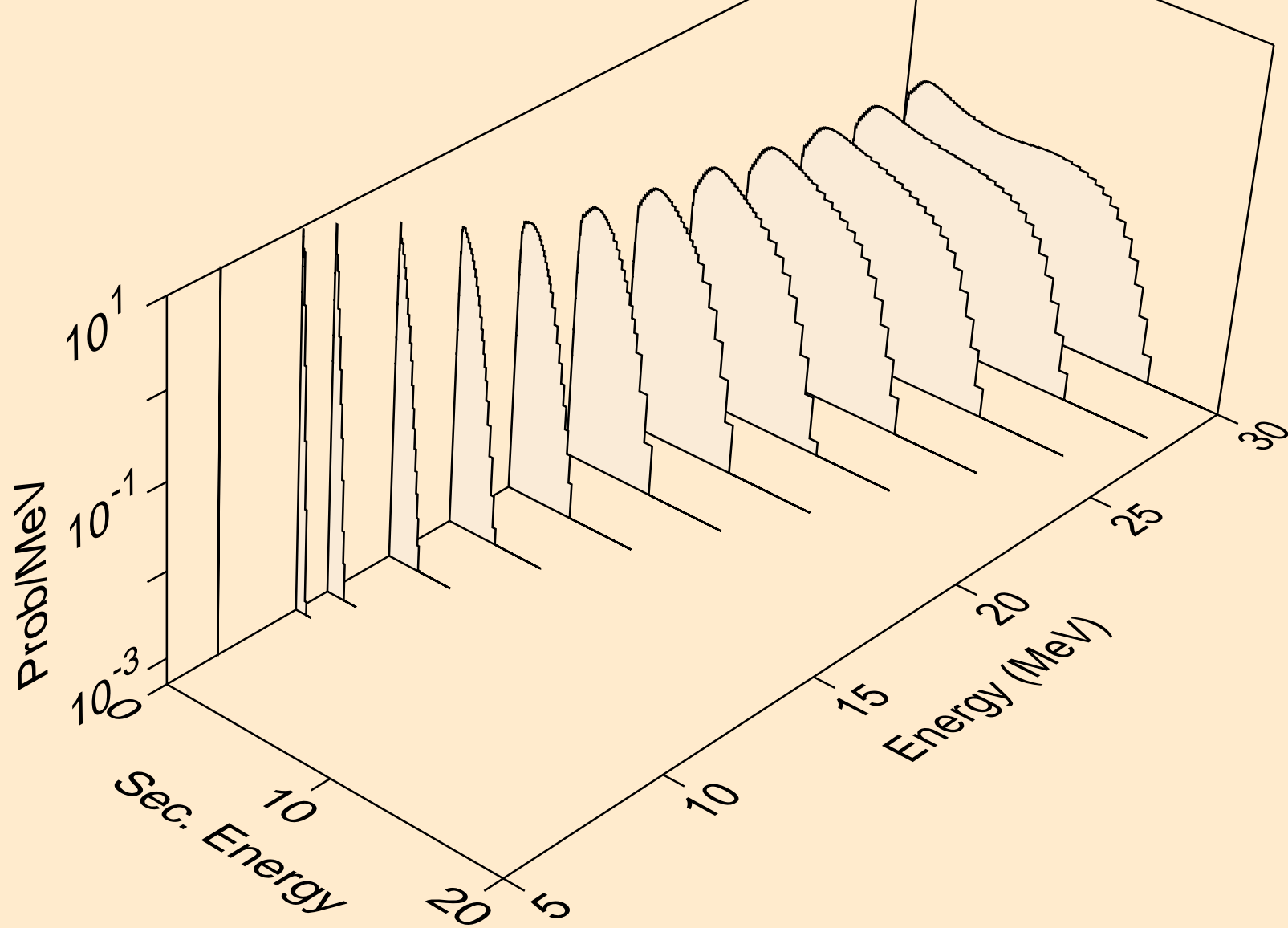
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neutrons from (s,x)



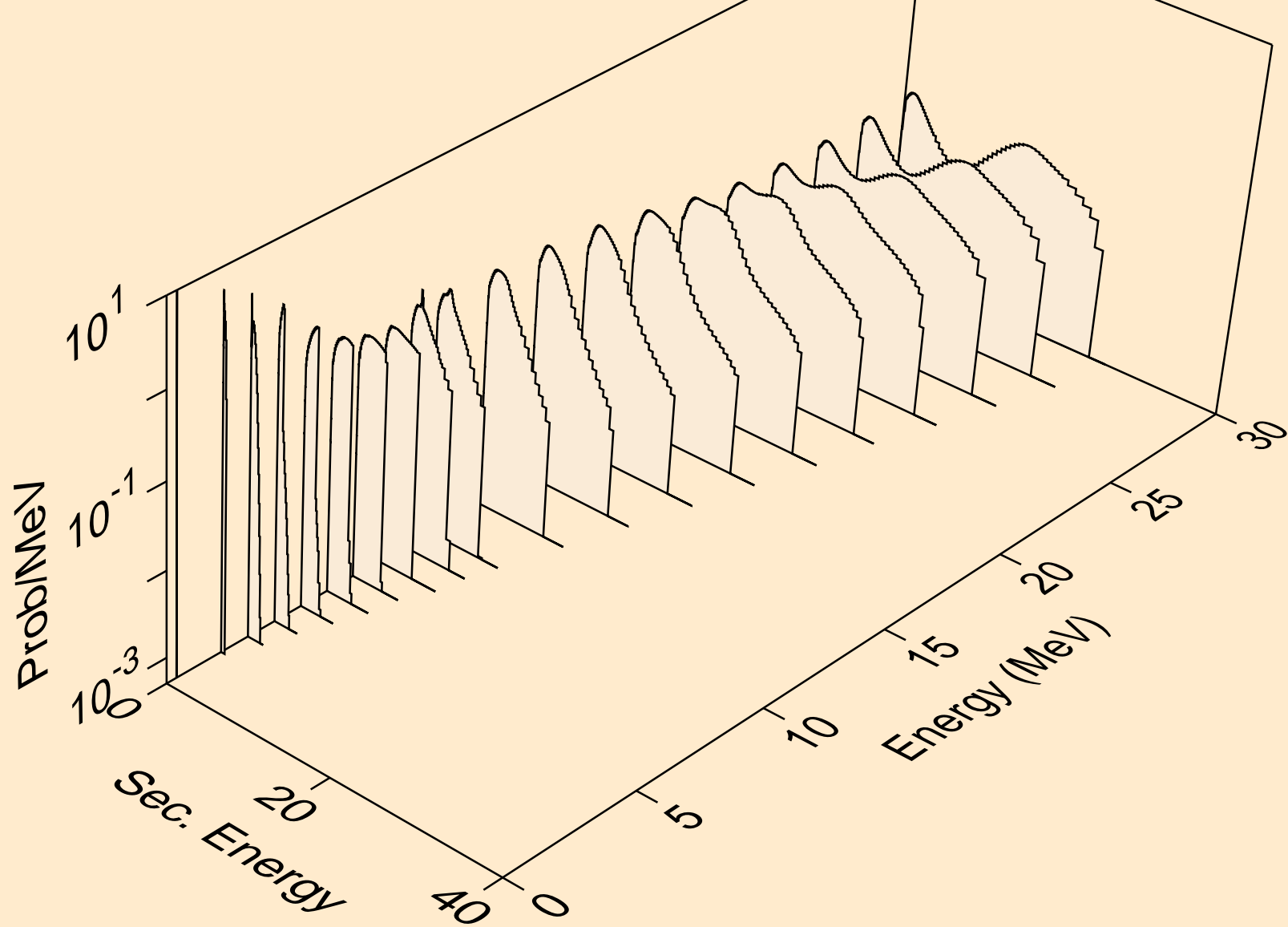
MN051 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)



MN051 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)a

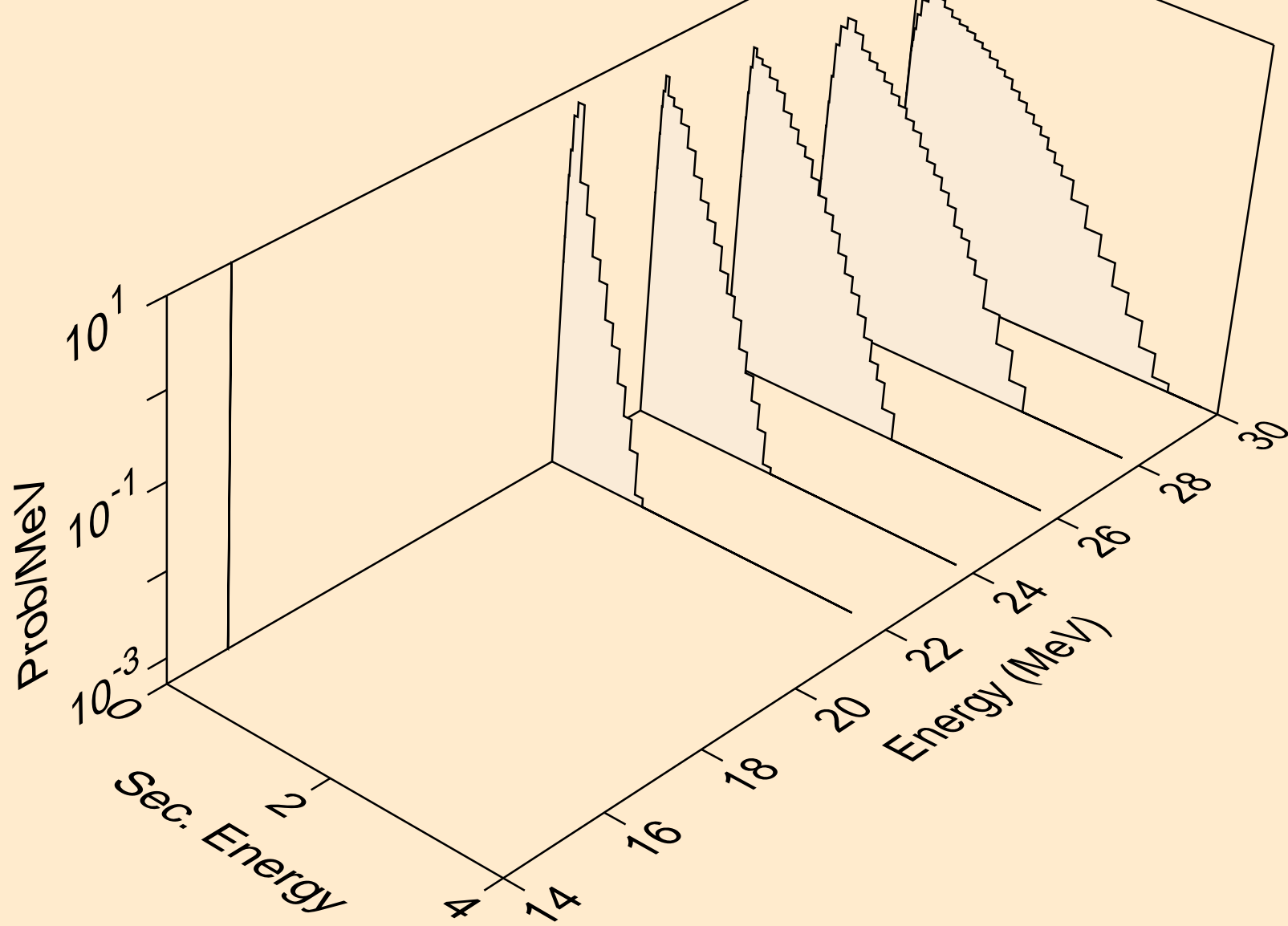


MN051 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)p

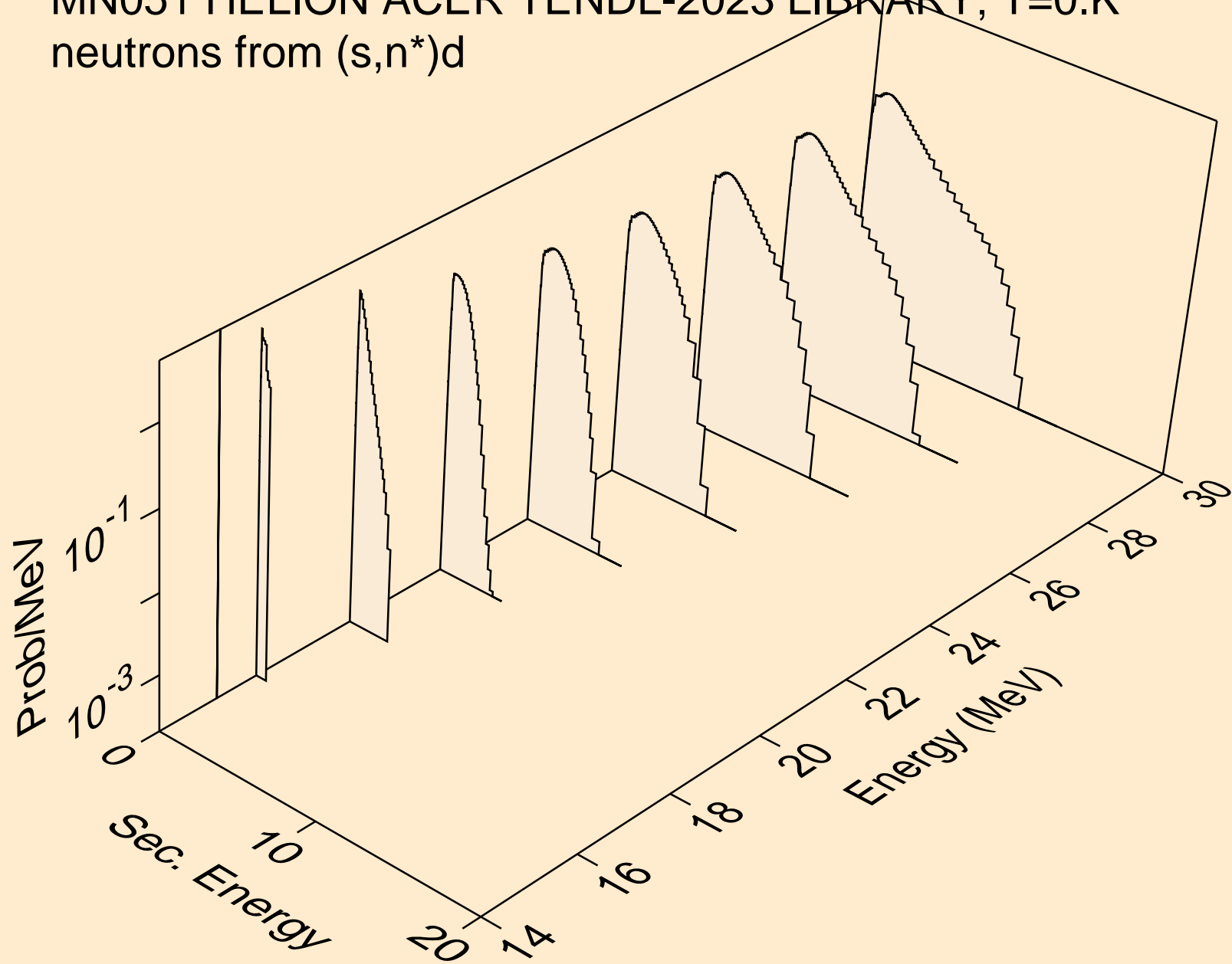




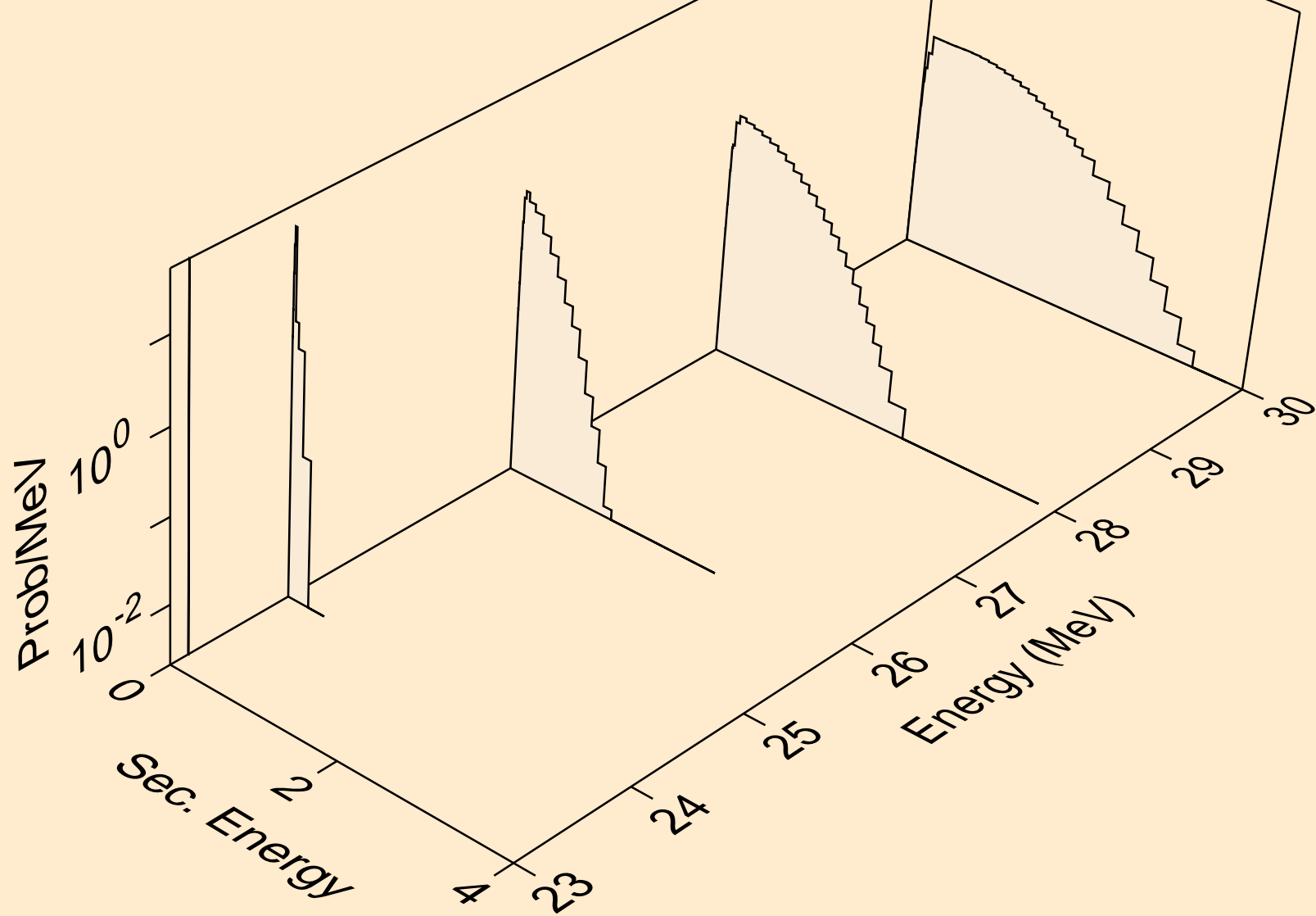
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neutrons from (s,n\*)2a



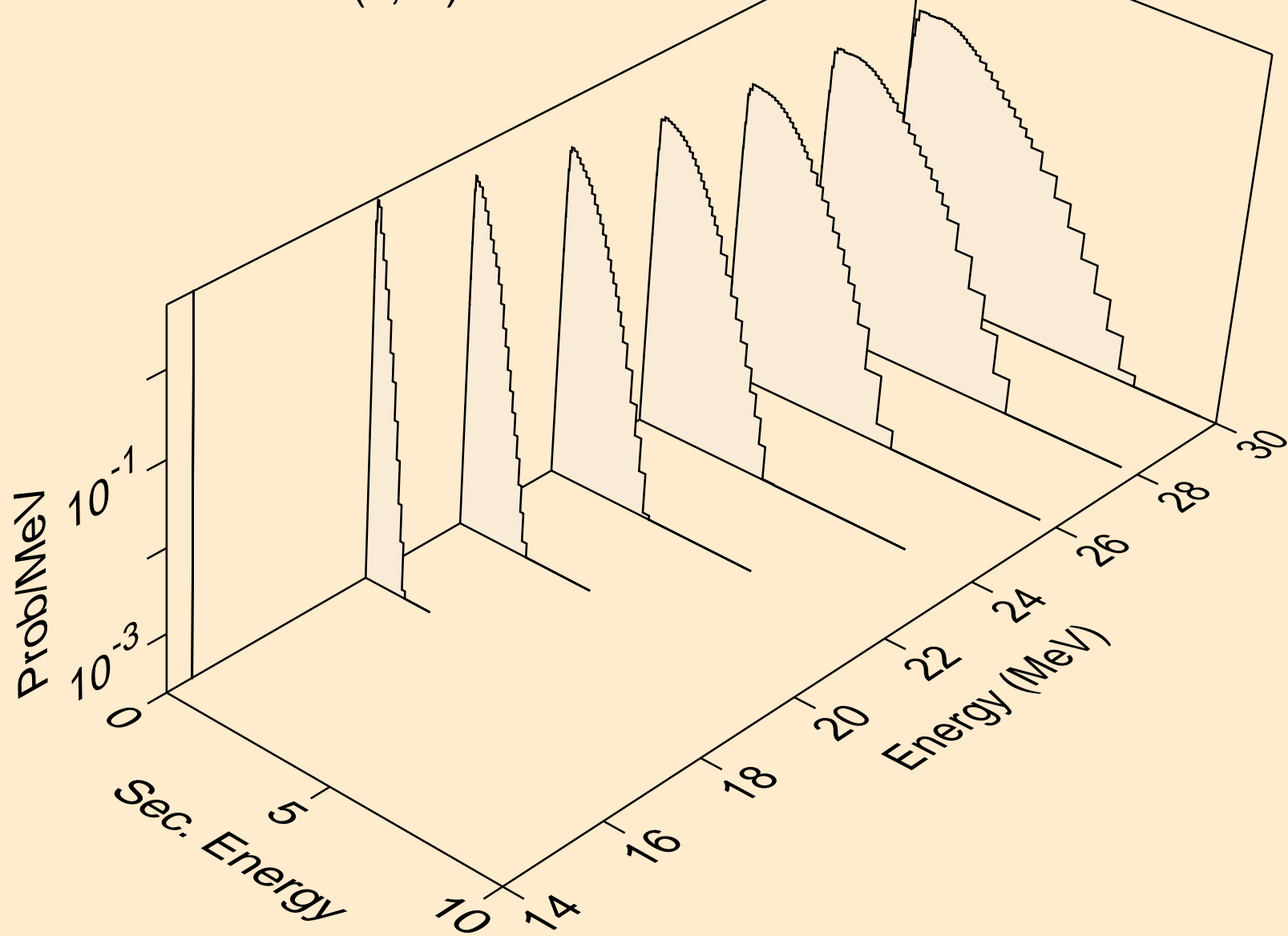
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neutrons from (s,n\*)d



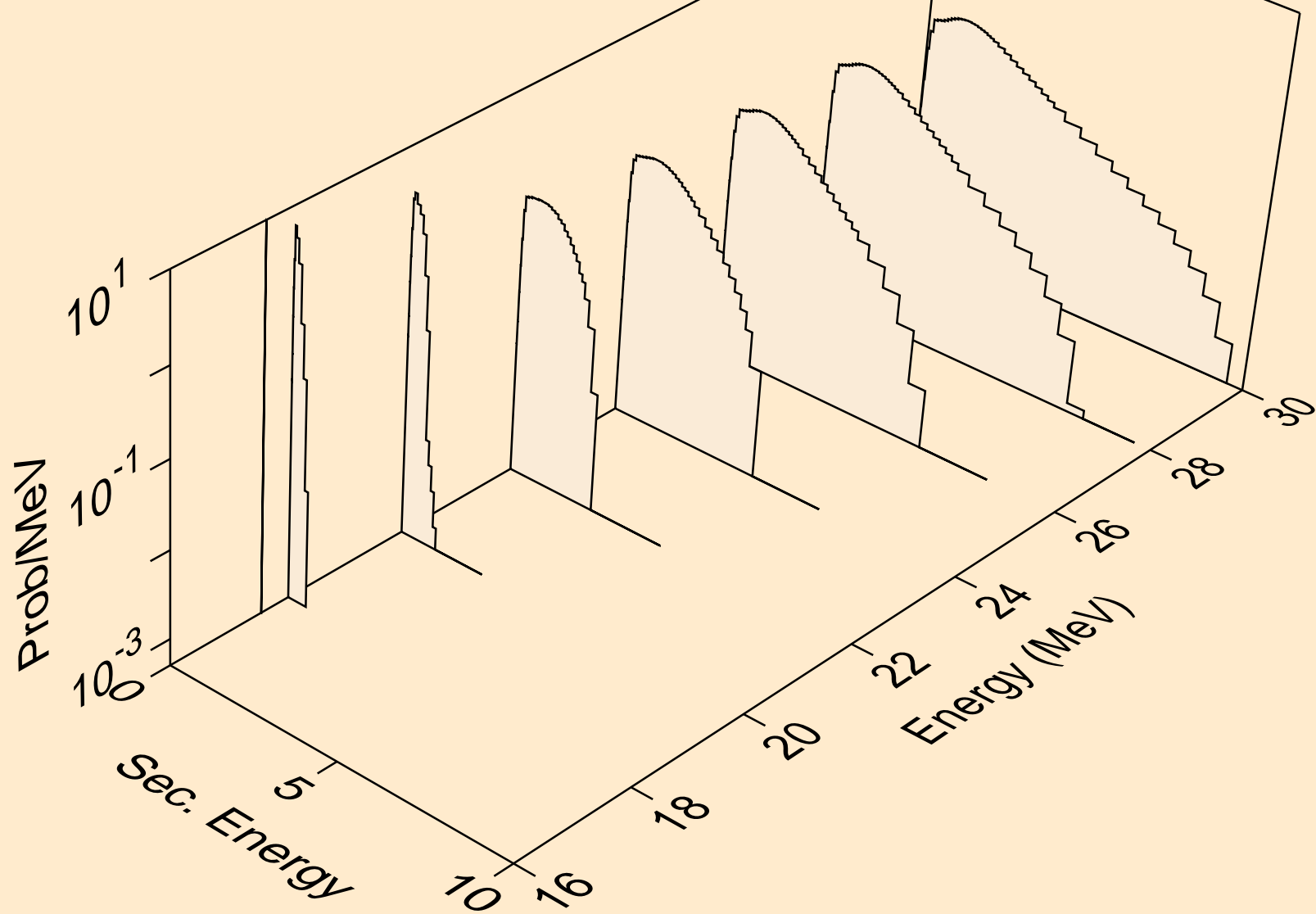
MN051 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)t



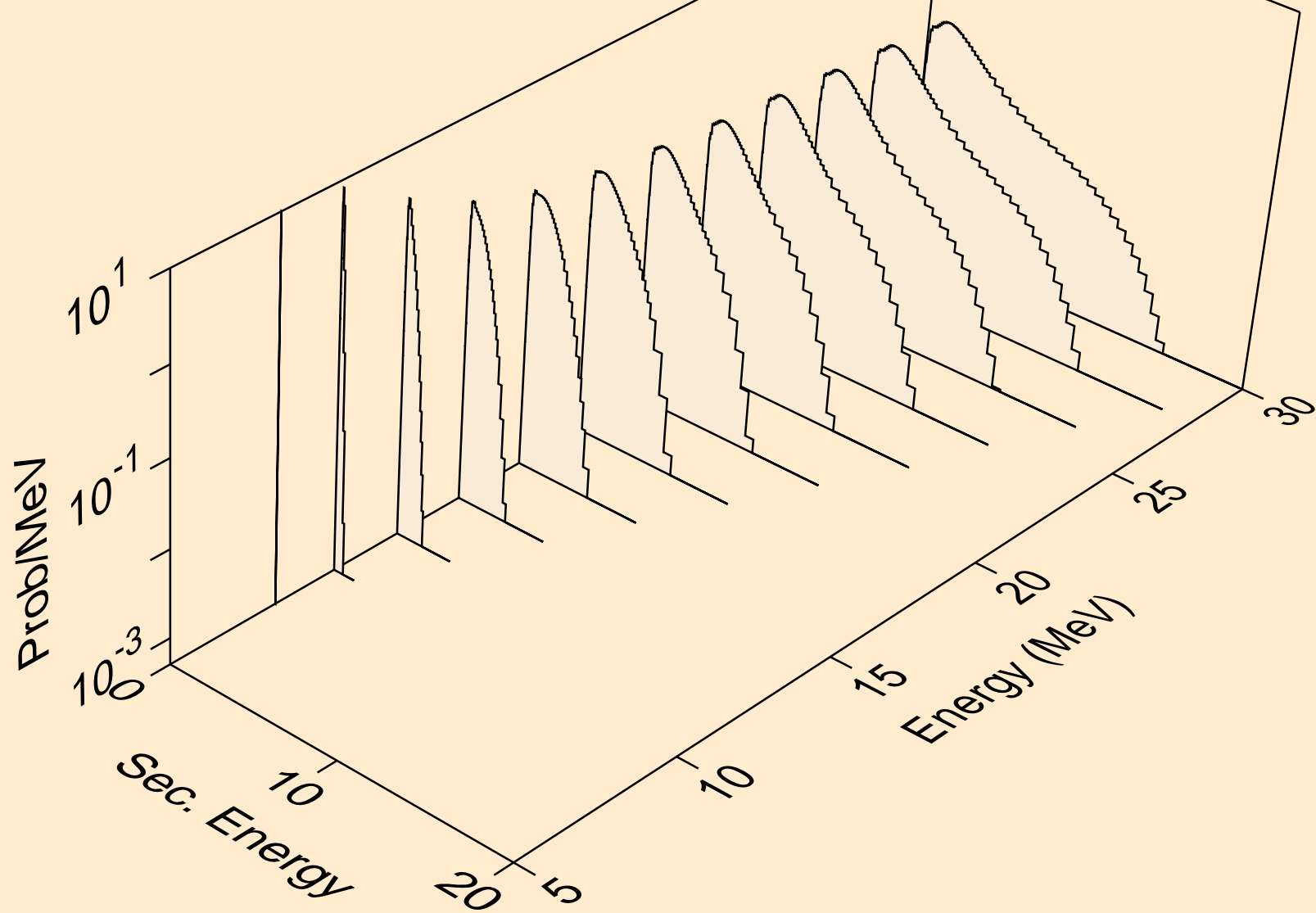
MN051 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



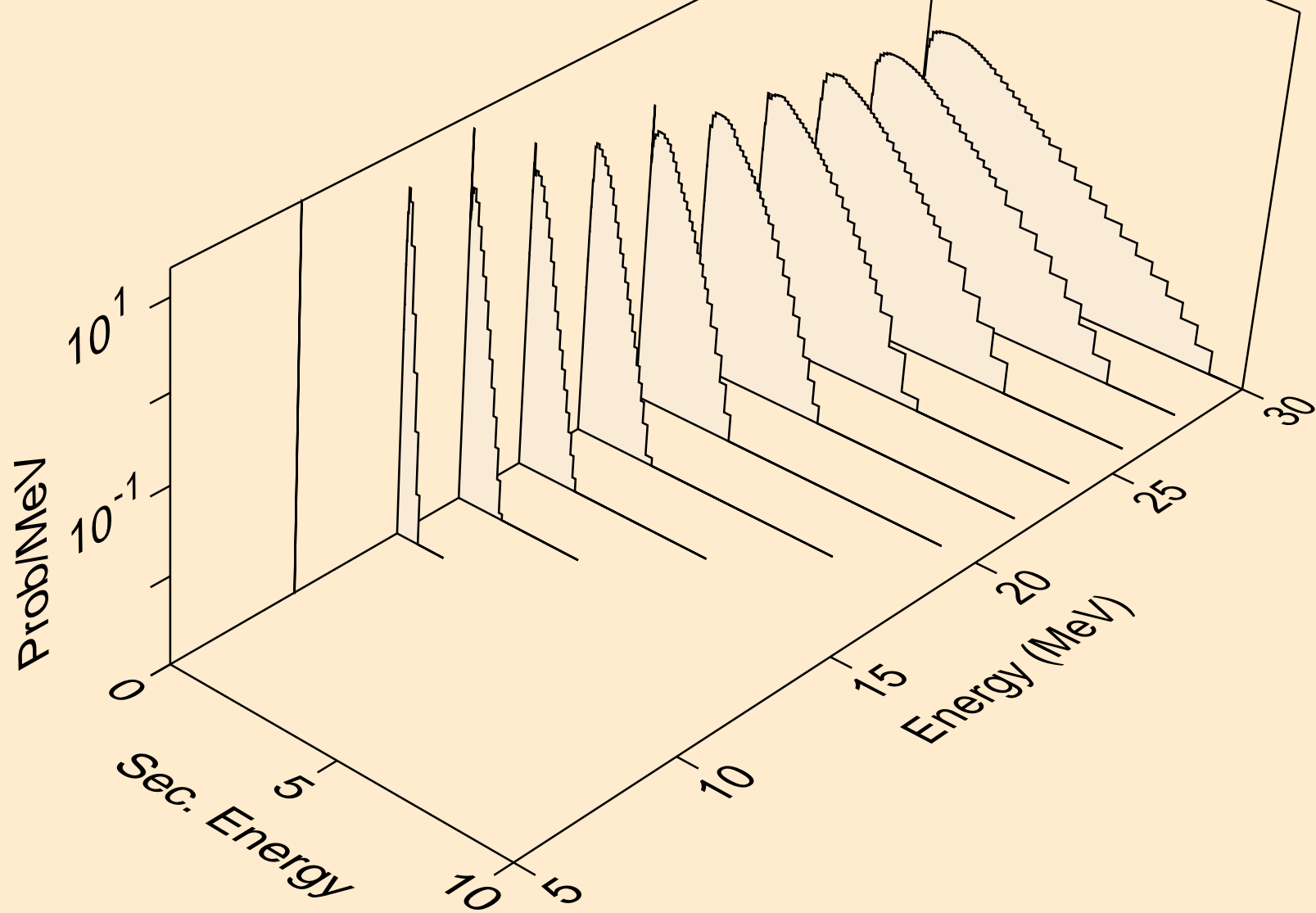
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neutrons from (s,2np)



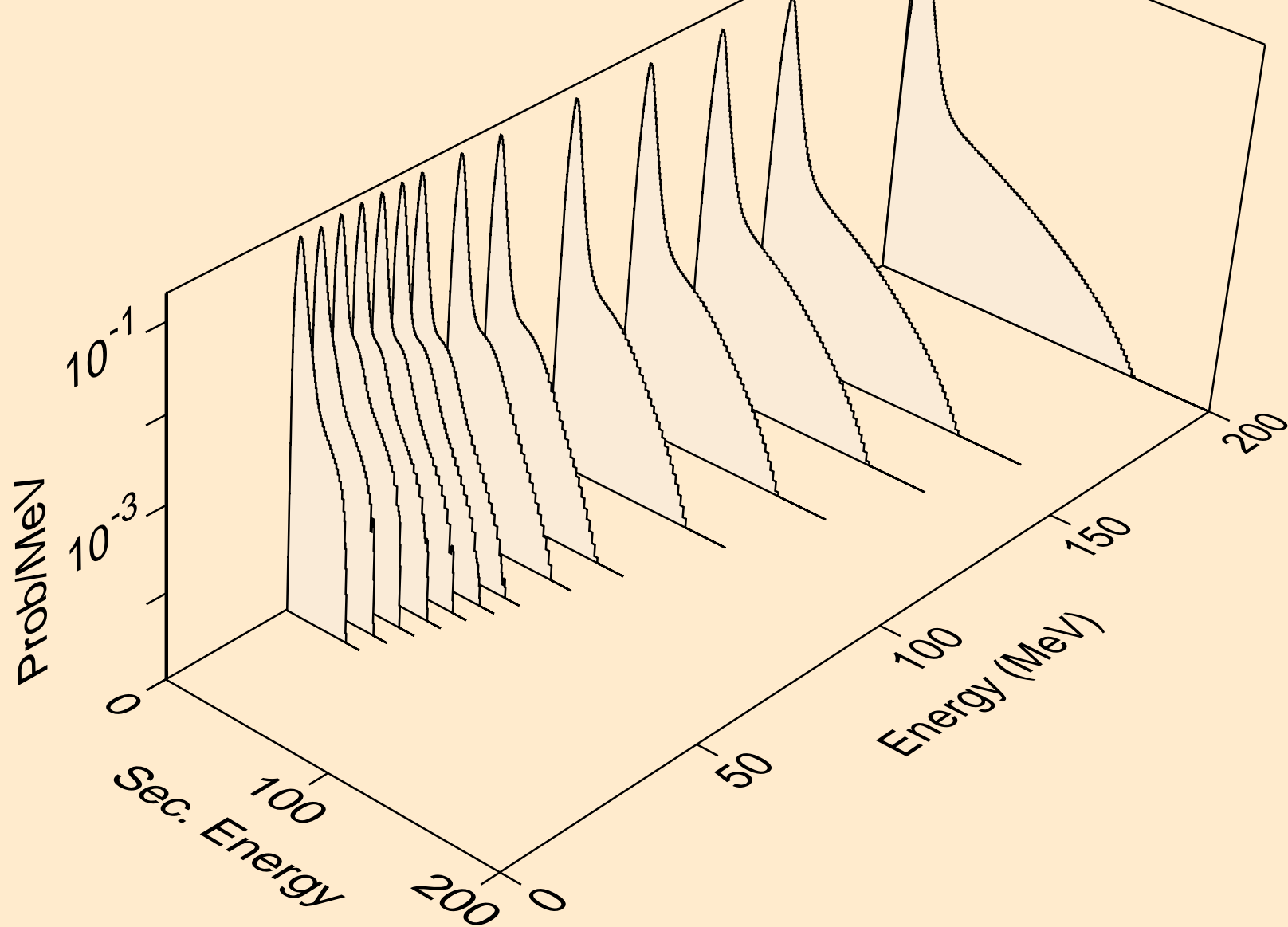
MN051 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n2p)



MN051 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,npa)

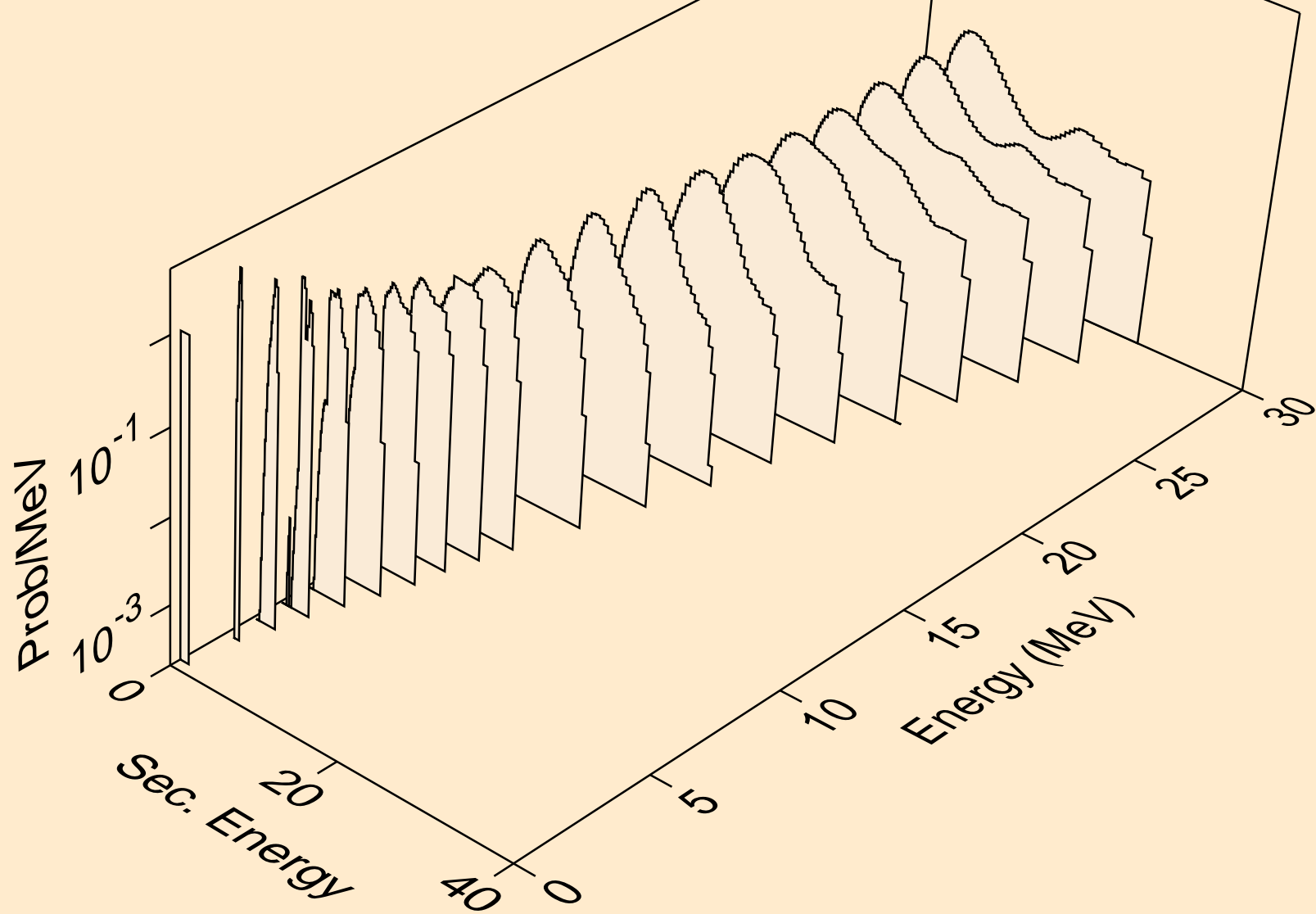


MN051 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,x)

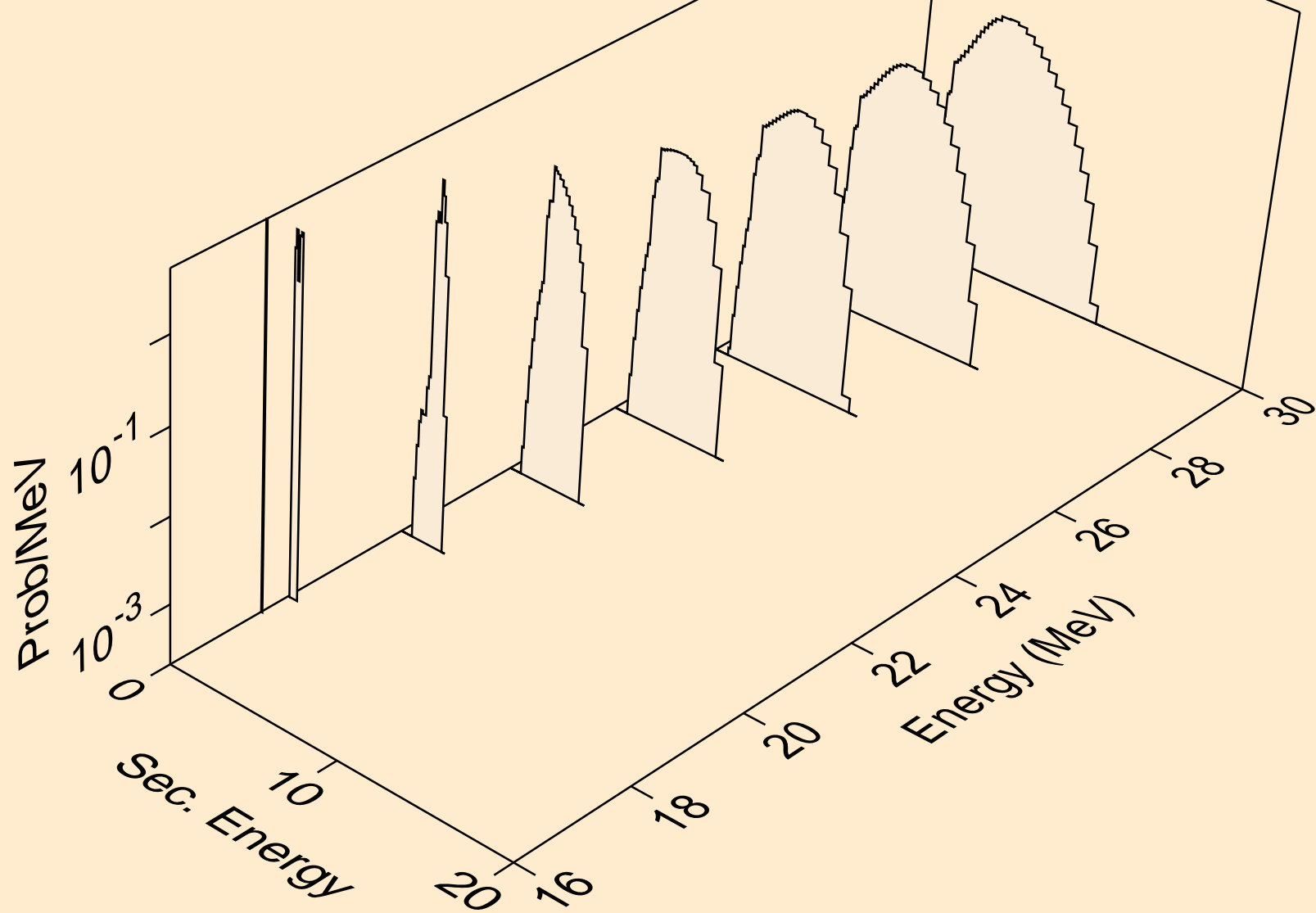




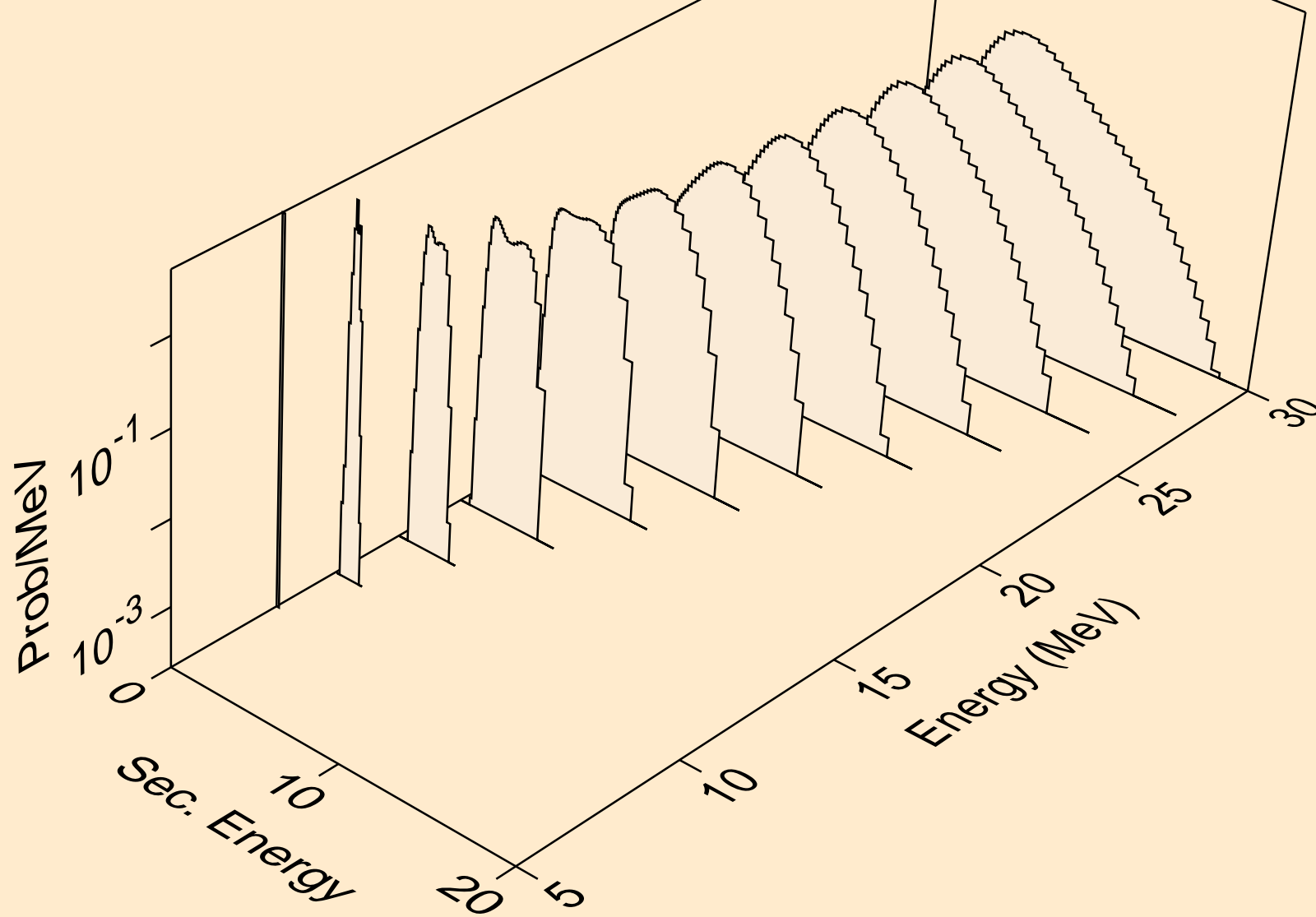
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protons from (s,n\*)p



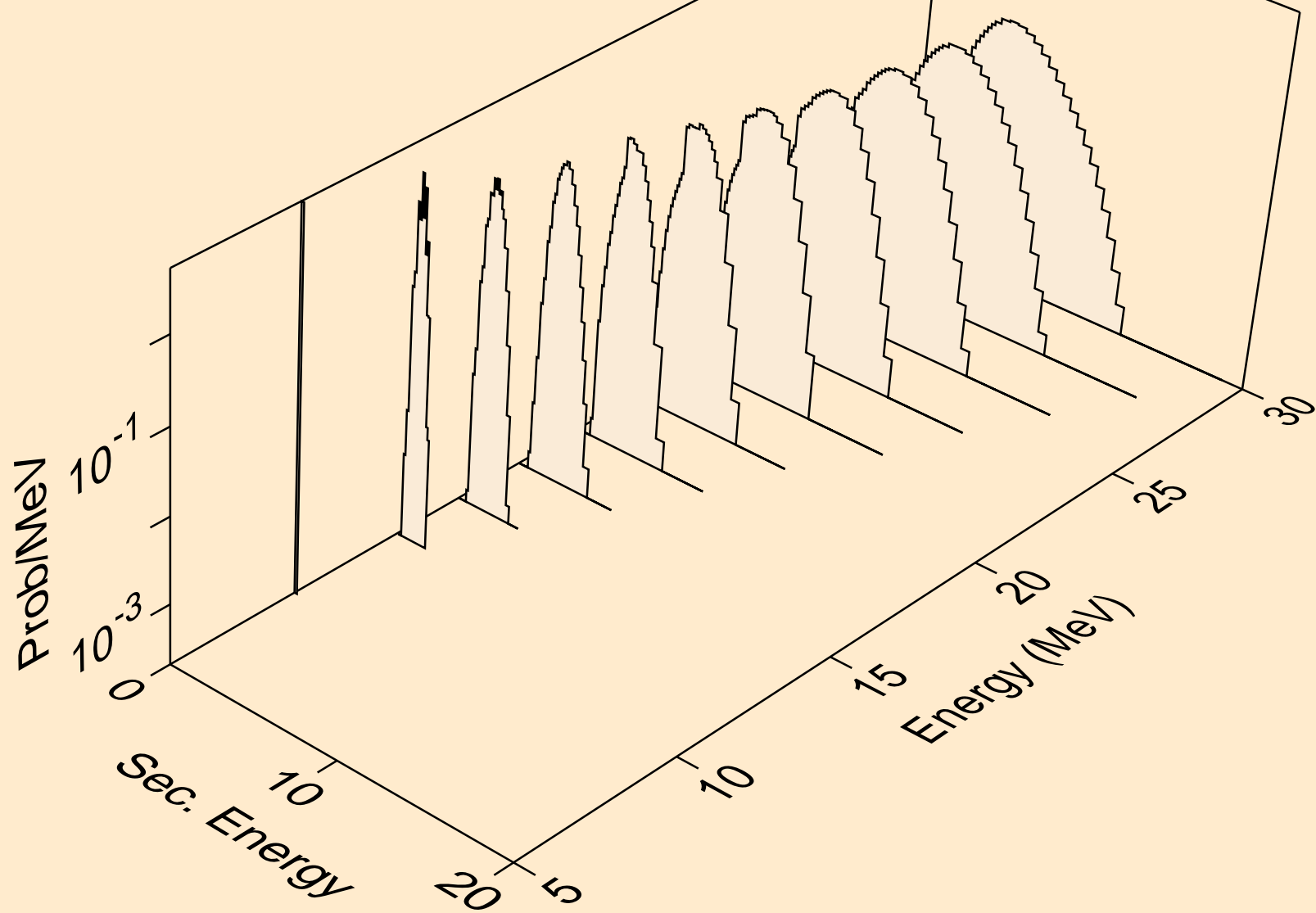
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protons from (s,2np)



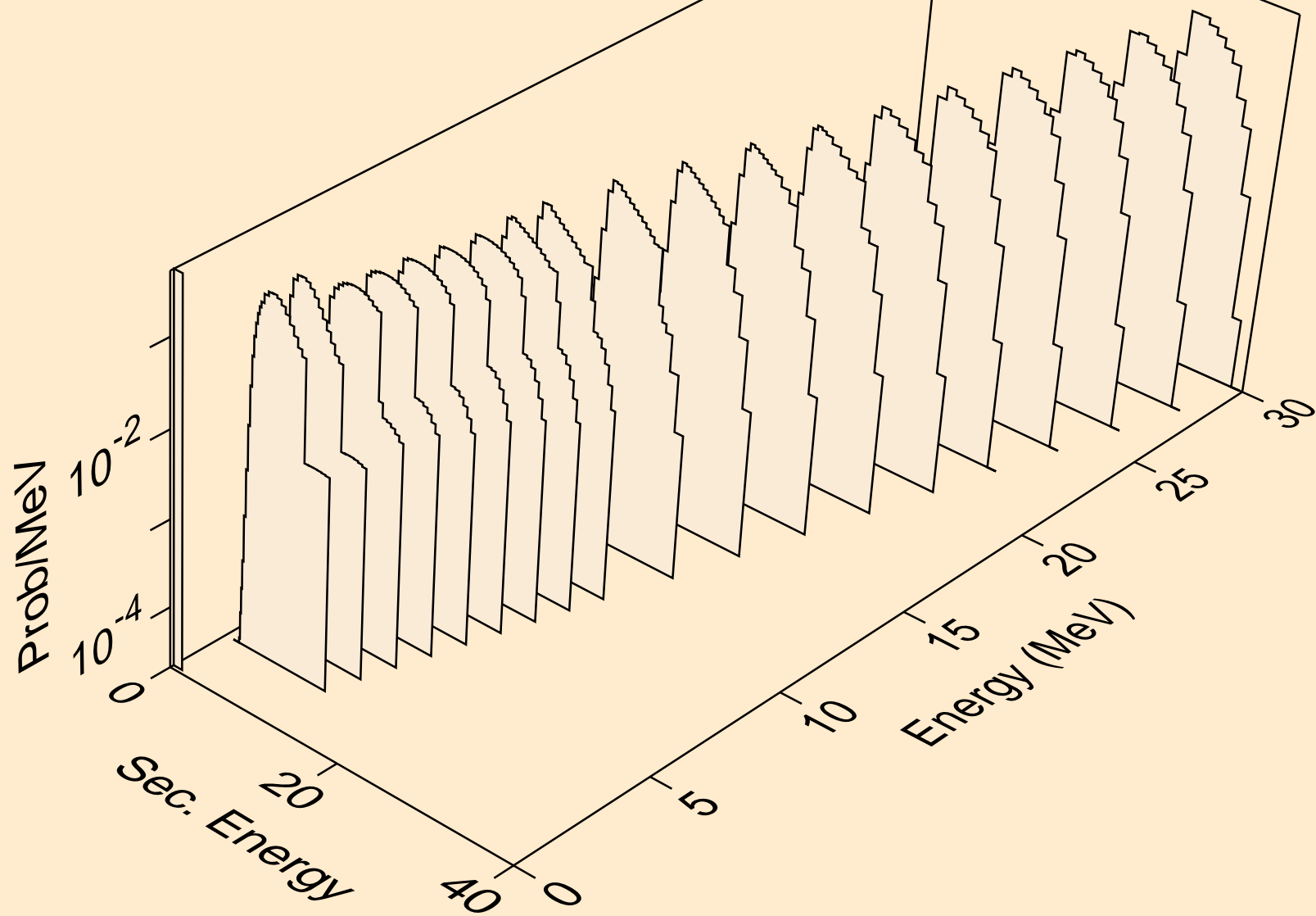
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protons from (s,n2p)



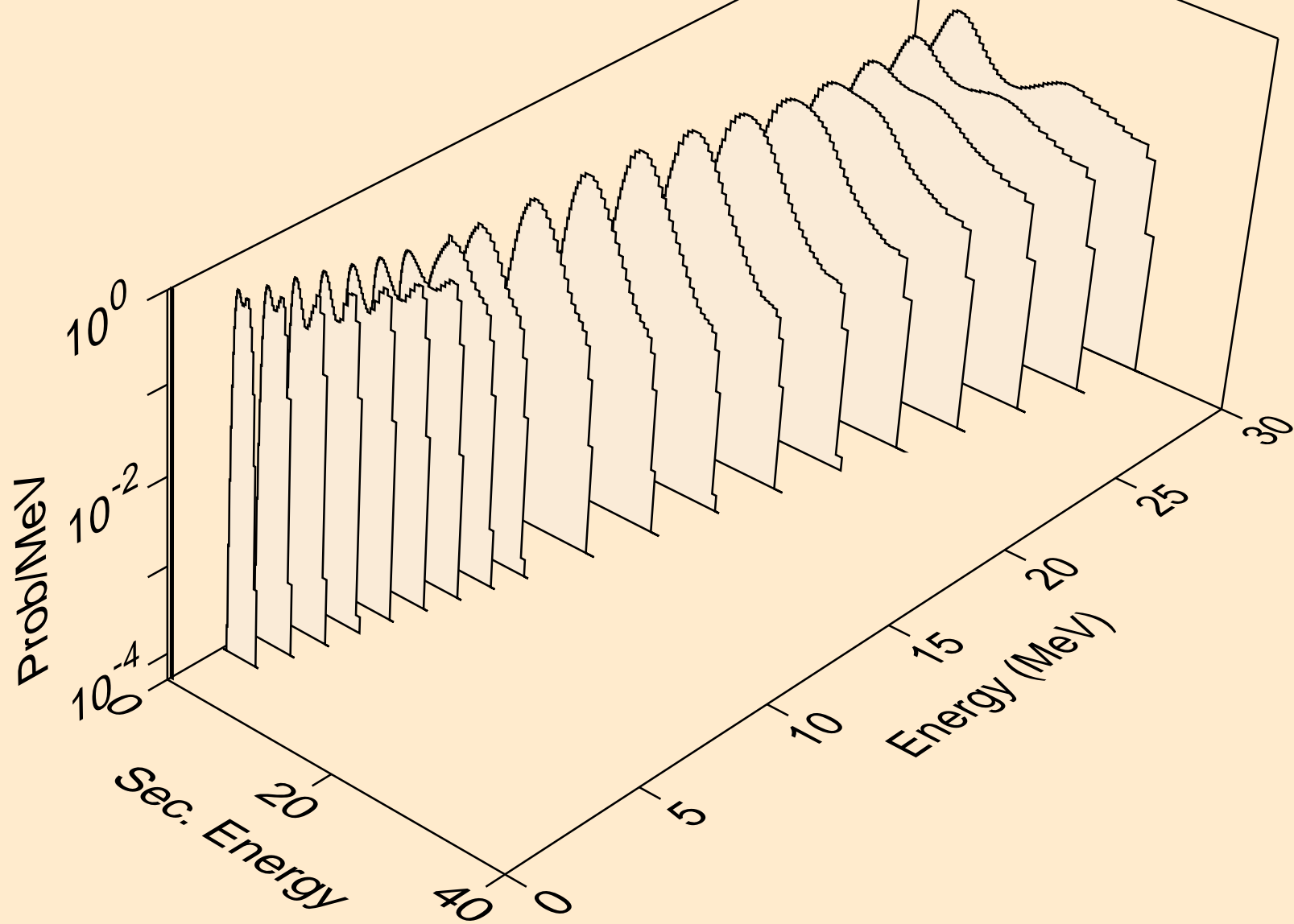
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protons from (s,npa)



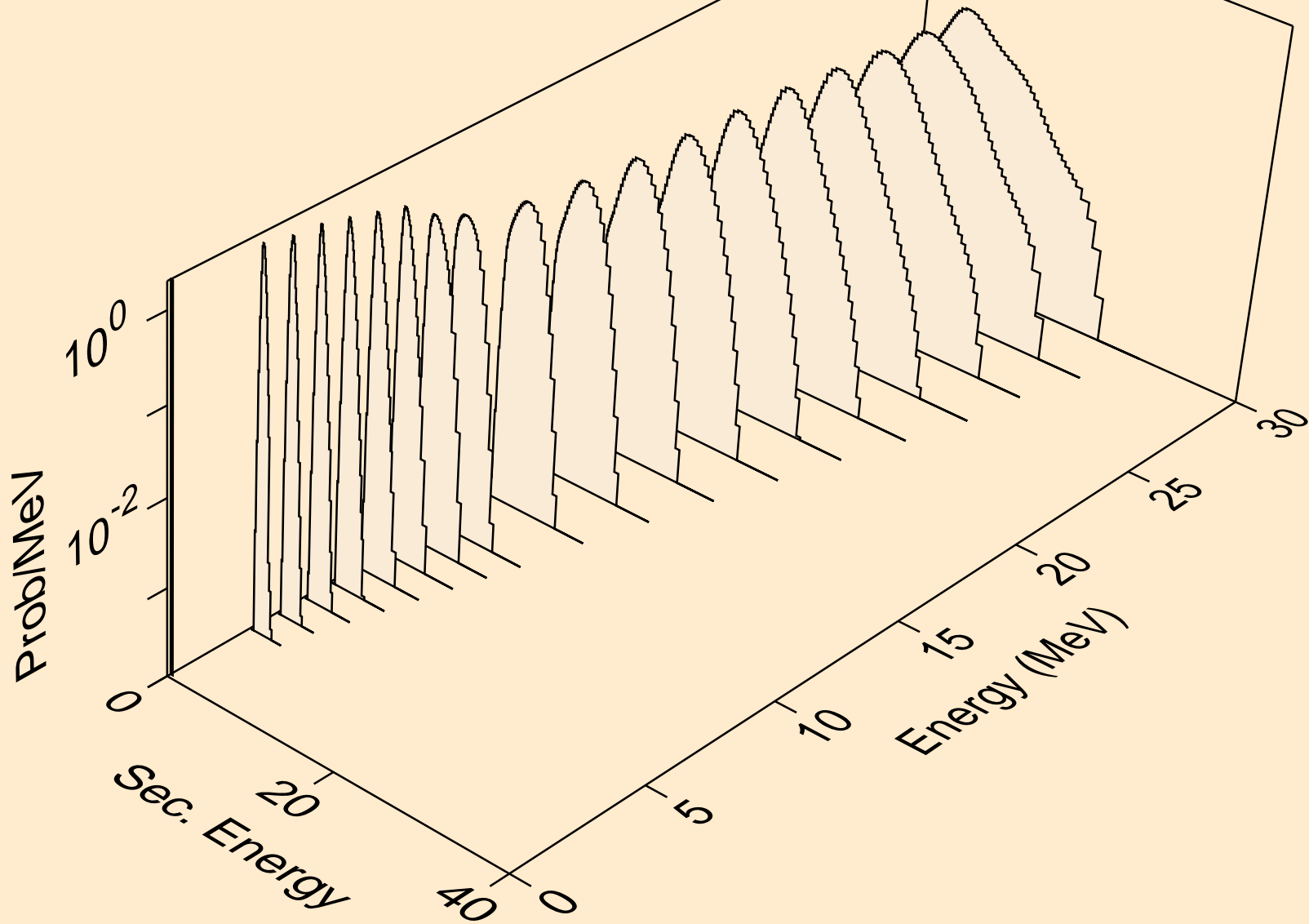
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protons from (s,p)



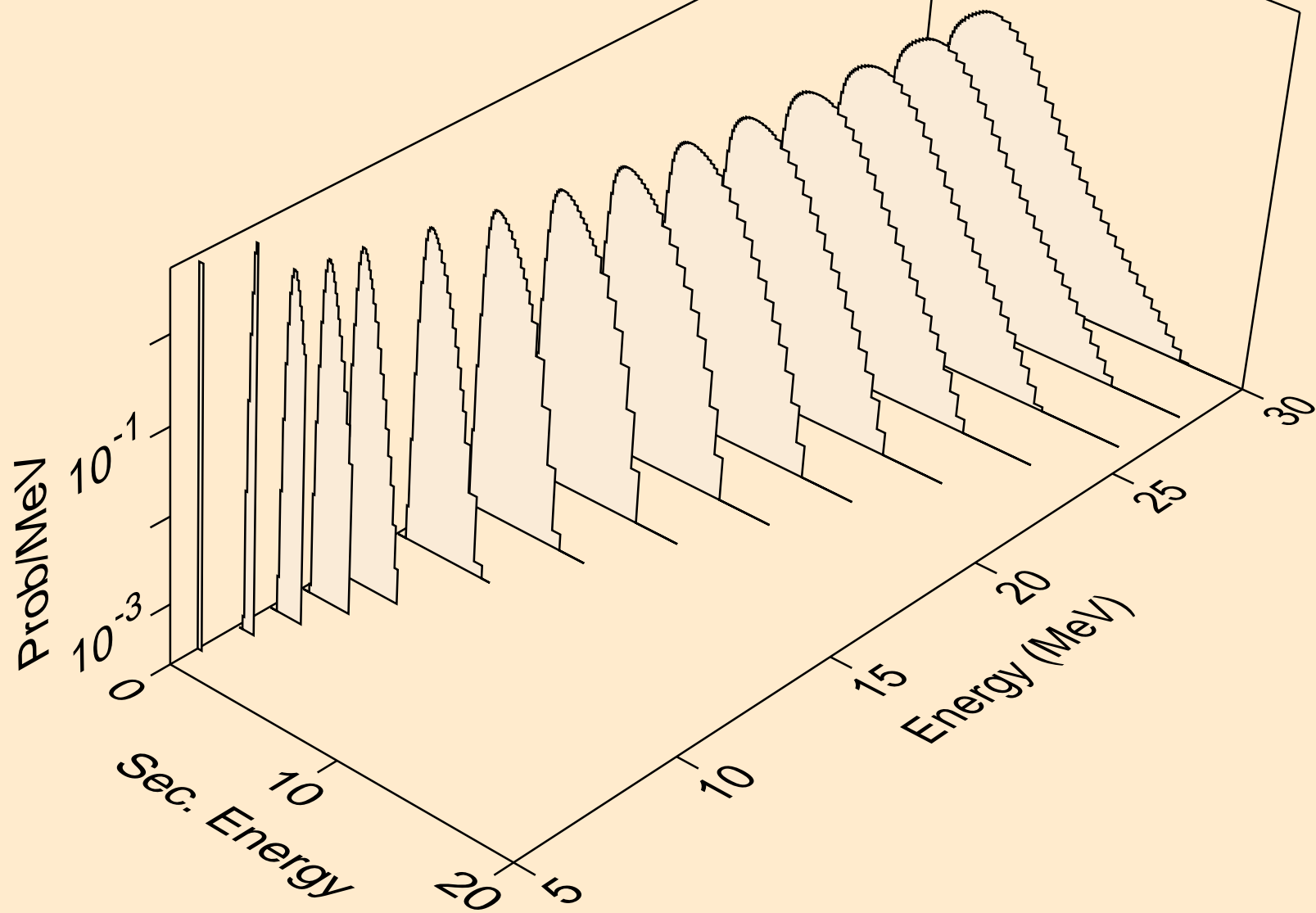
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protons from (s,2p)



MN051 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pa)

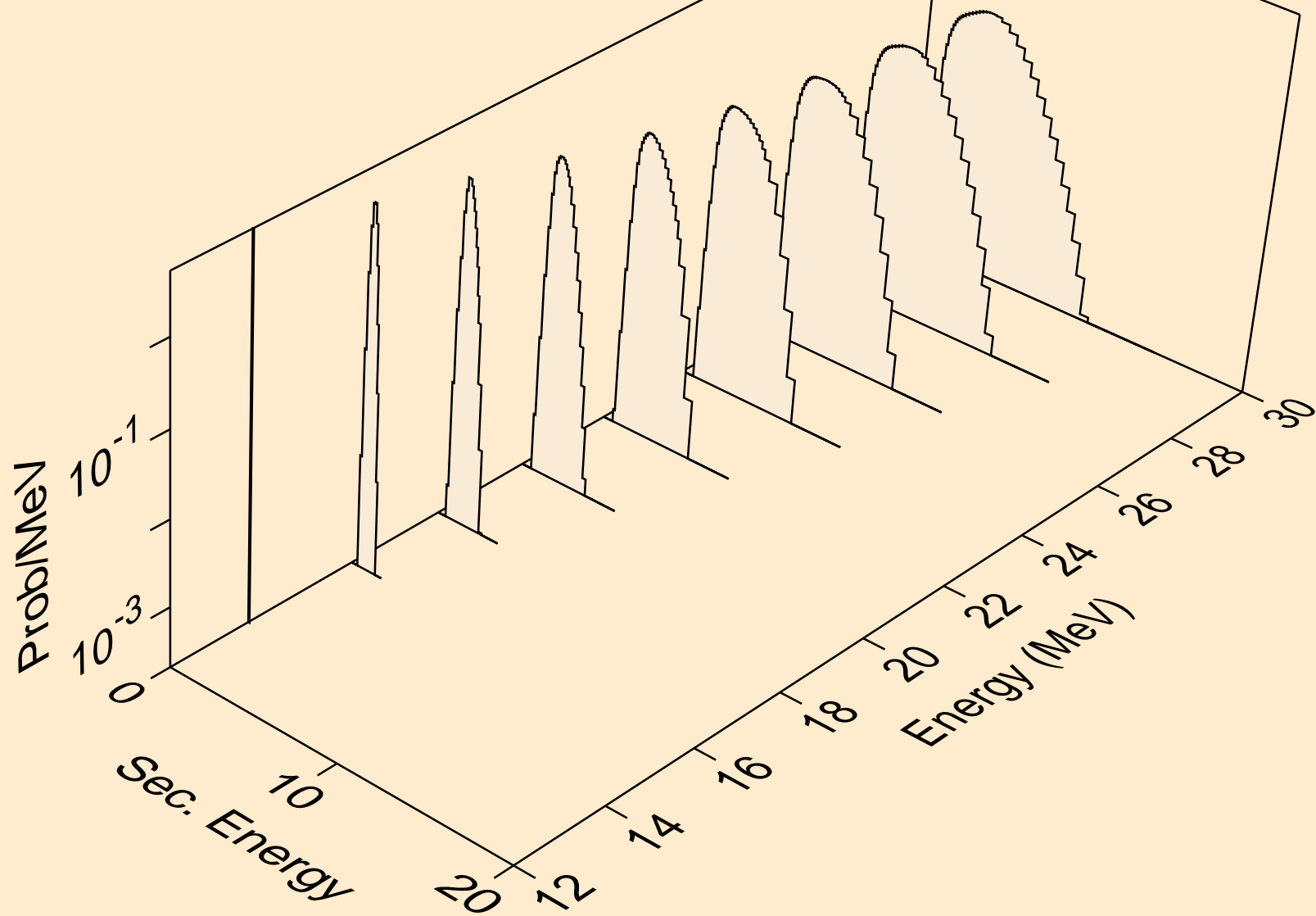


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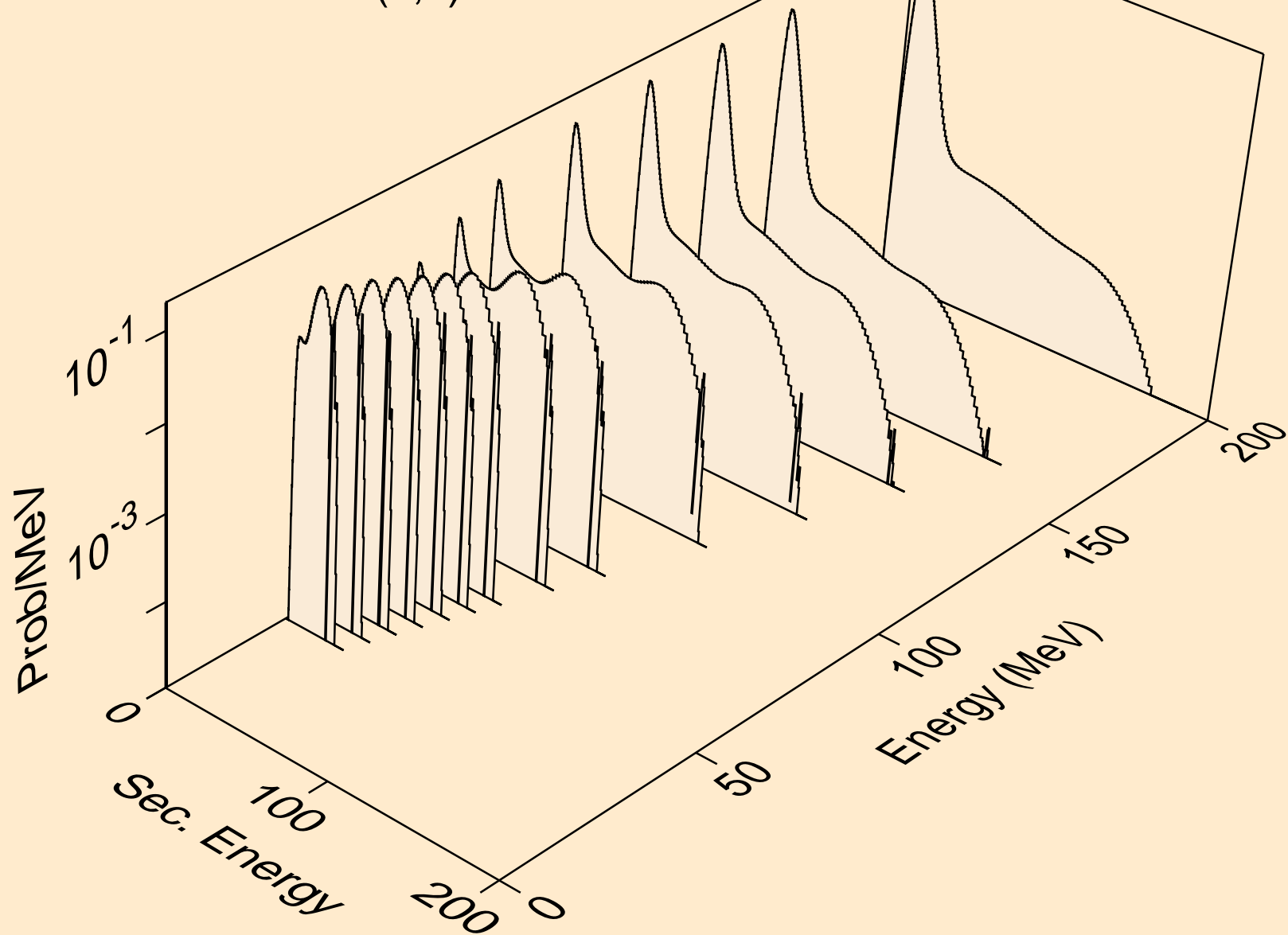




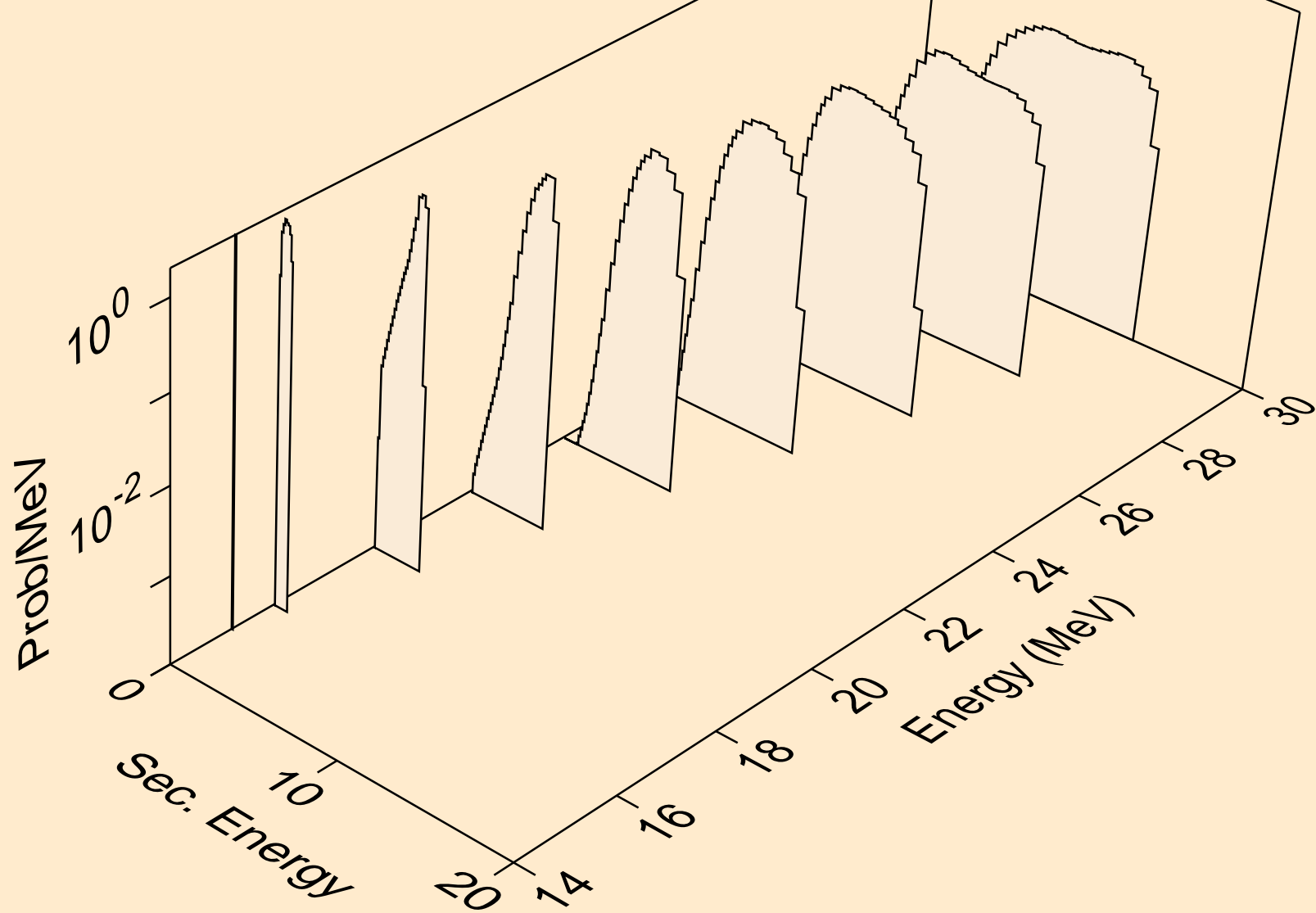
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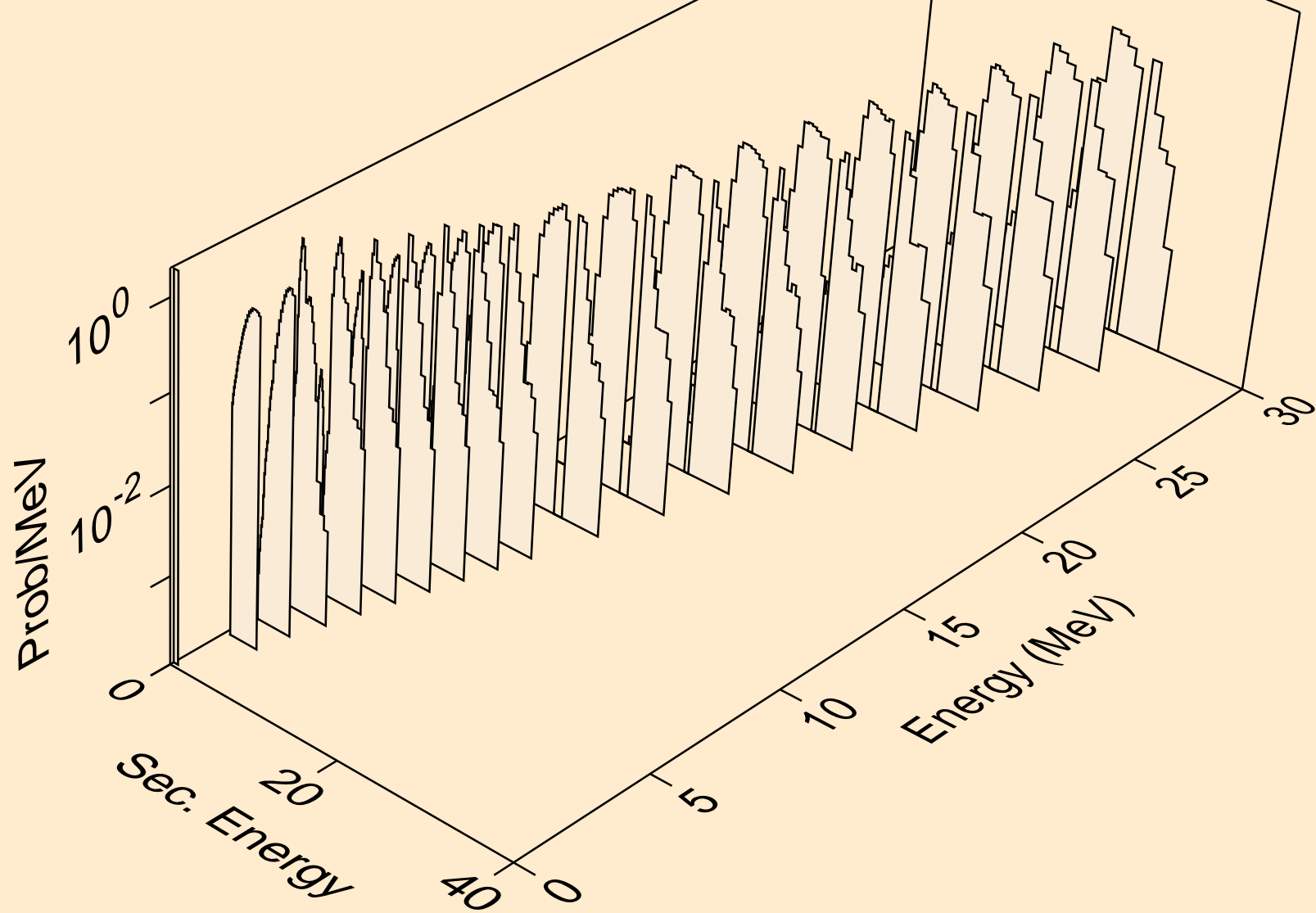
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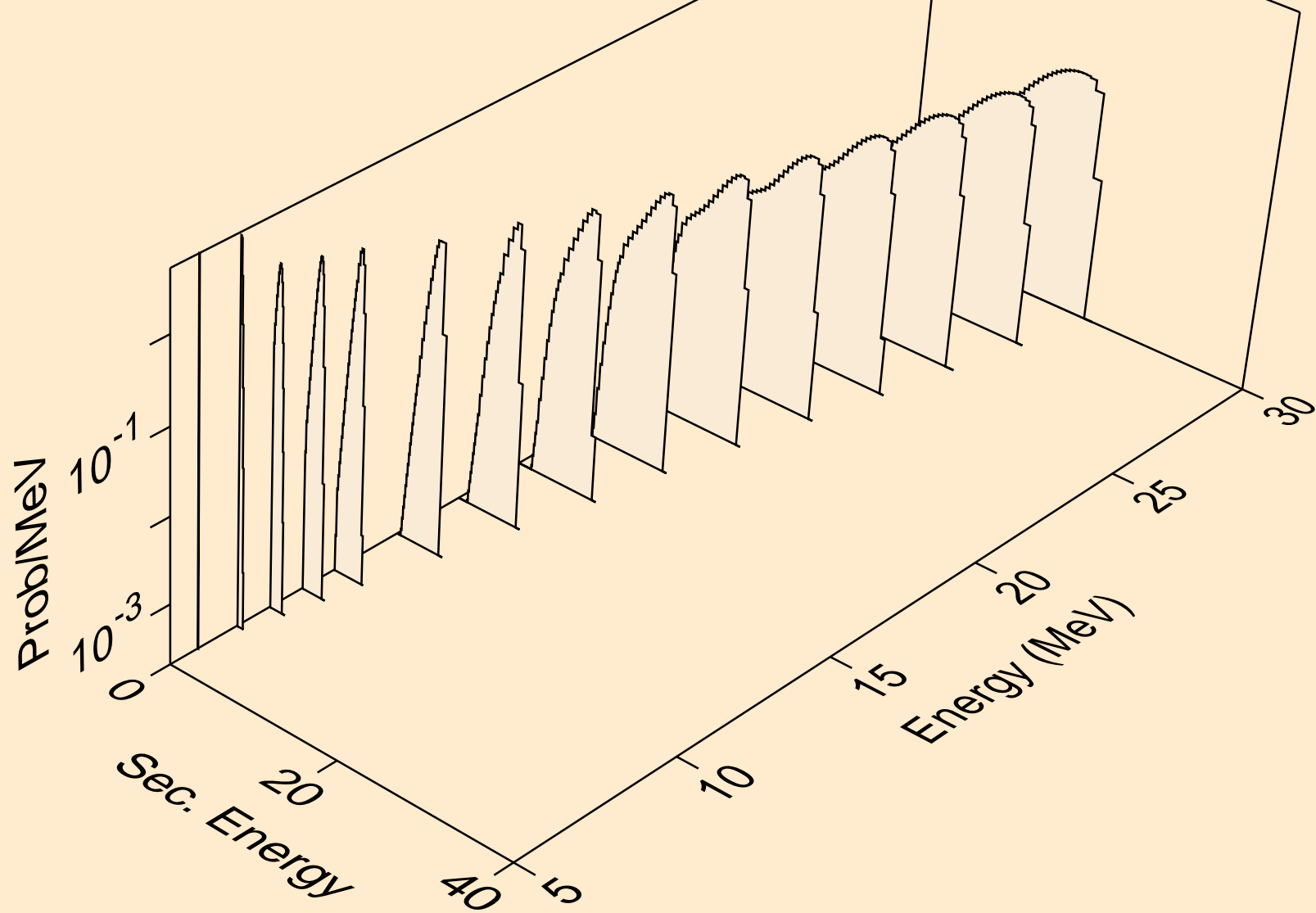
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deuterons from (s,n\*)d



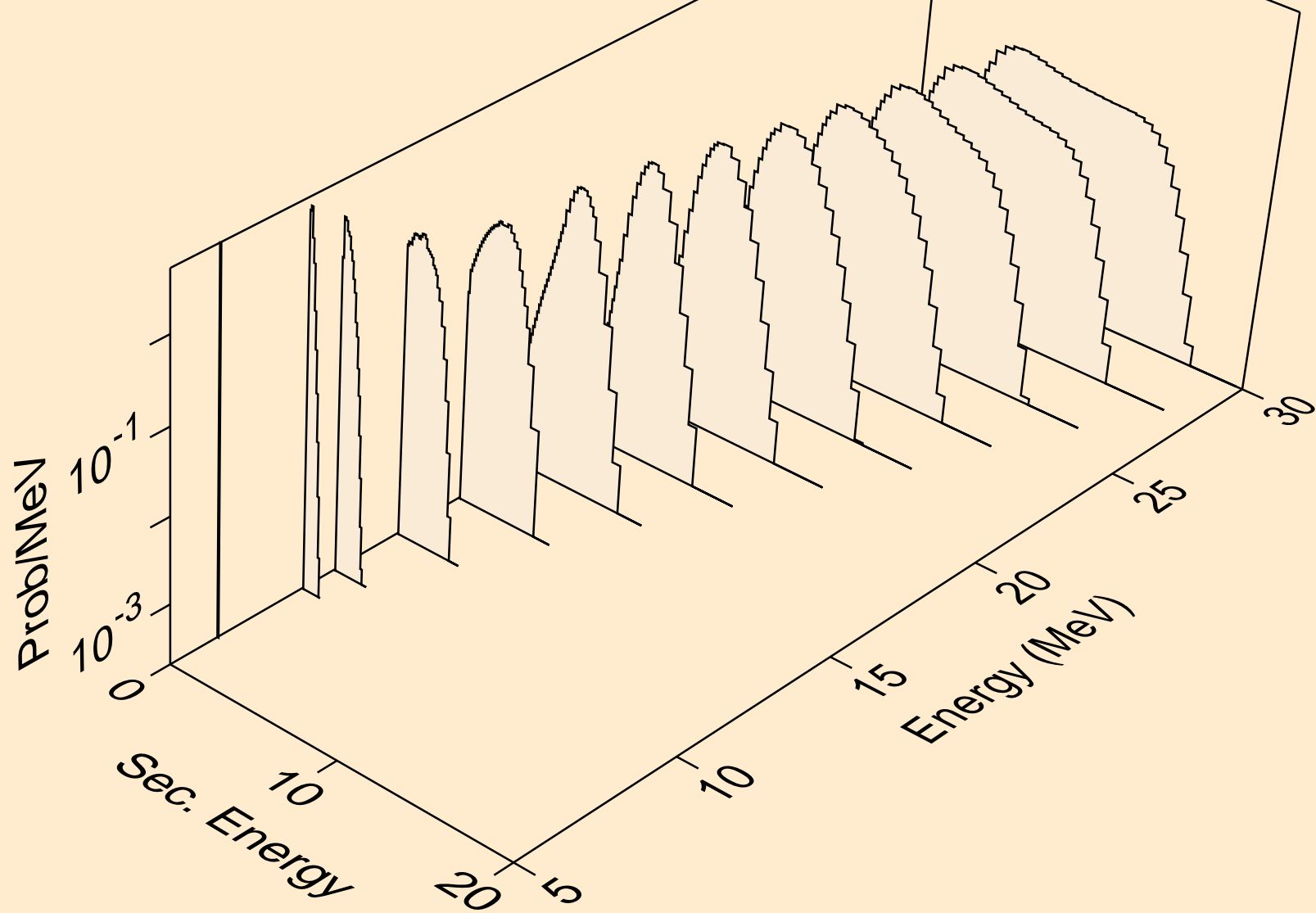
MN051 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,d)



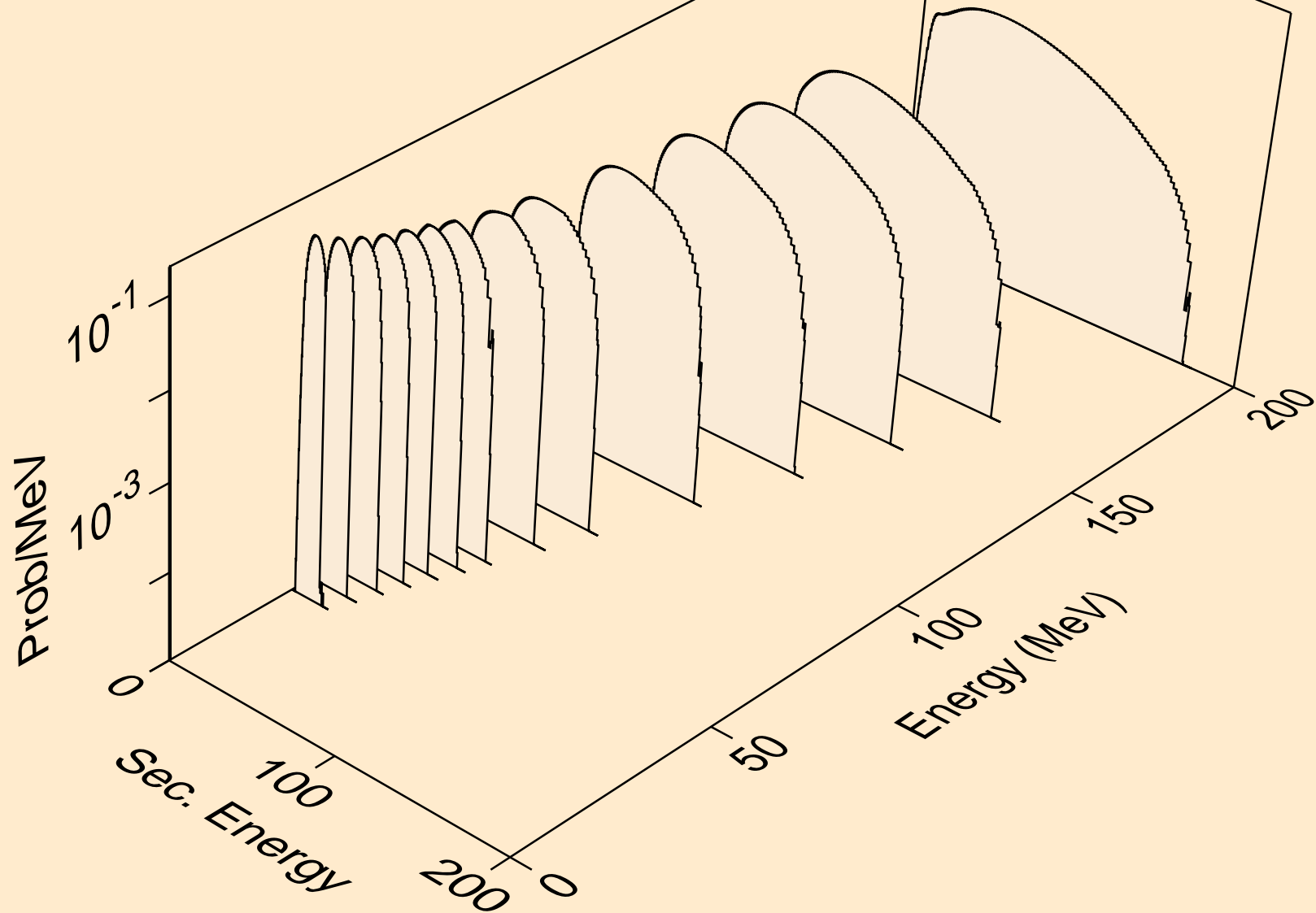
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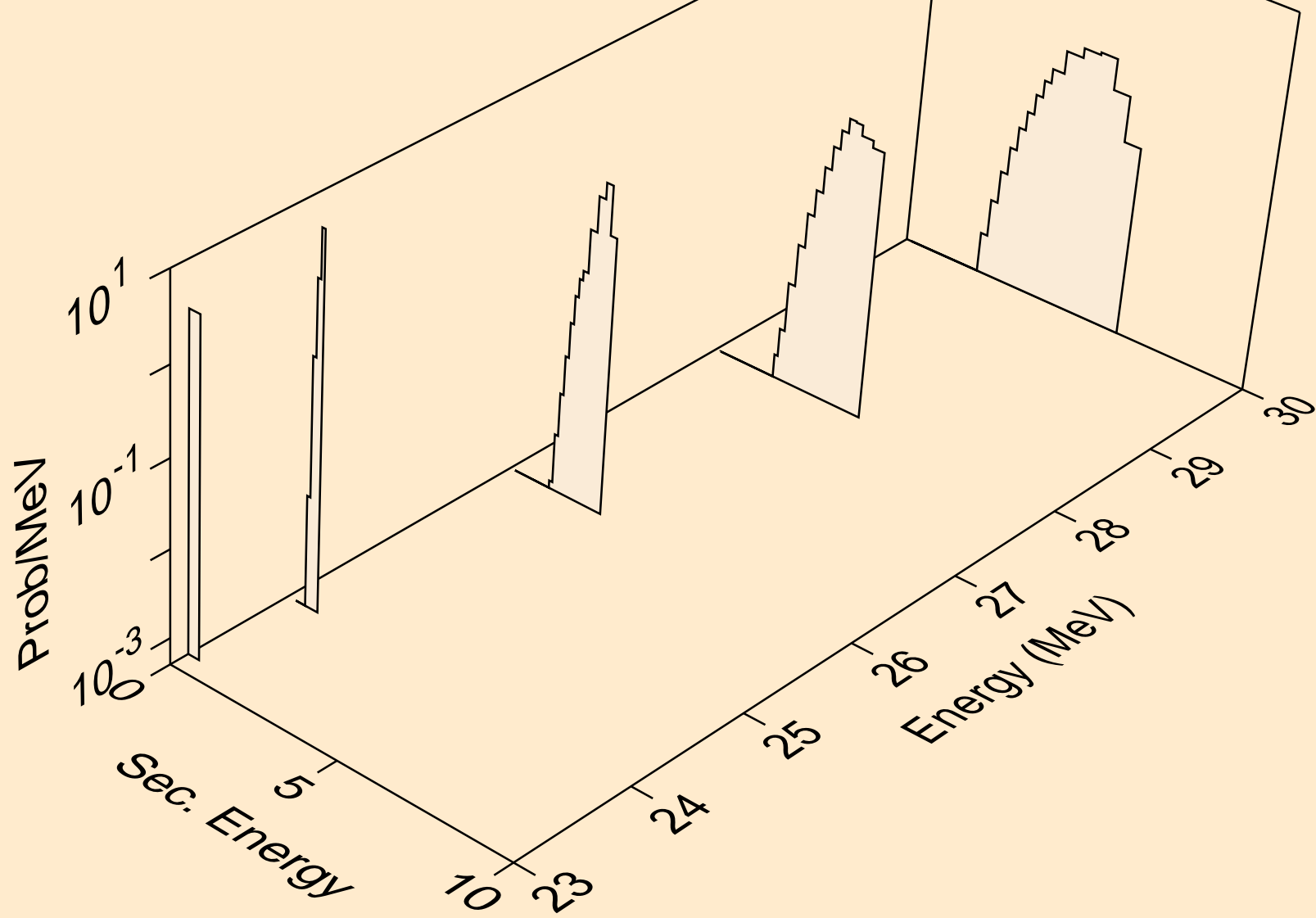
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deuterons from (s,da)



MN051 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,x)

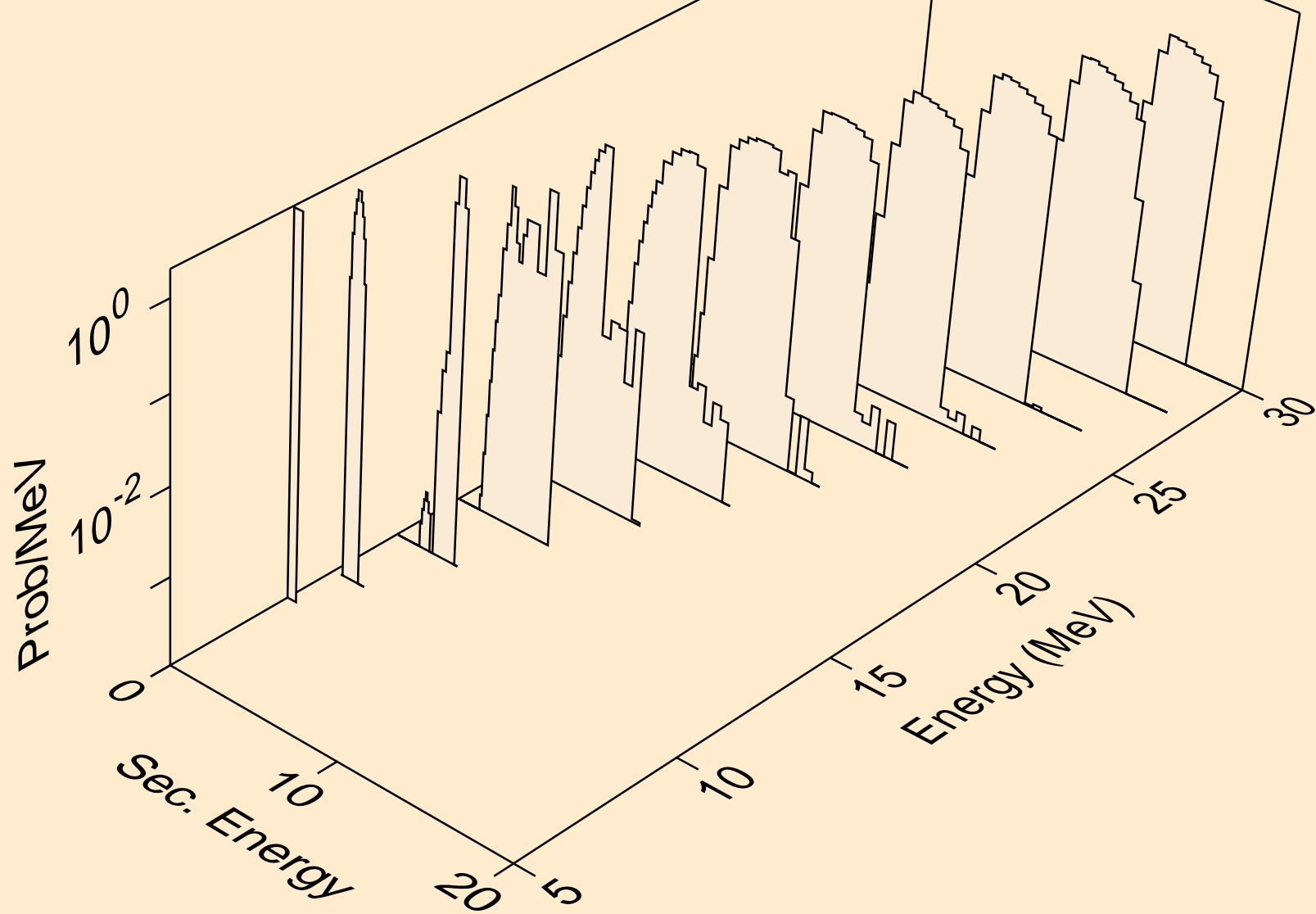


MN051 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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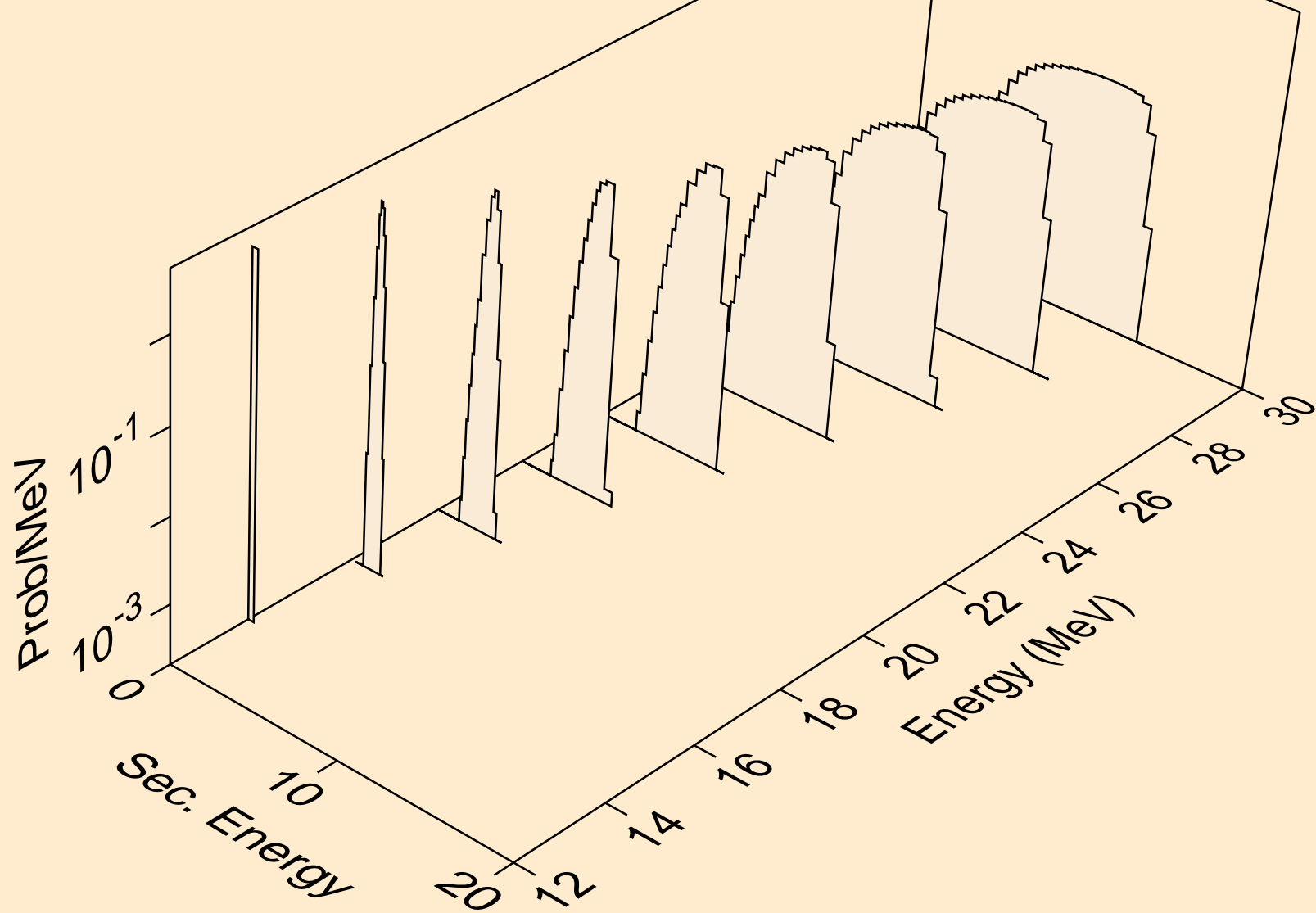




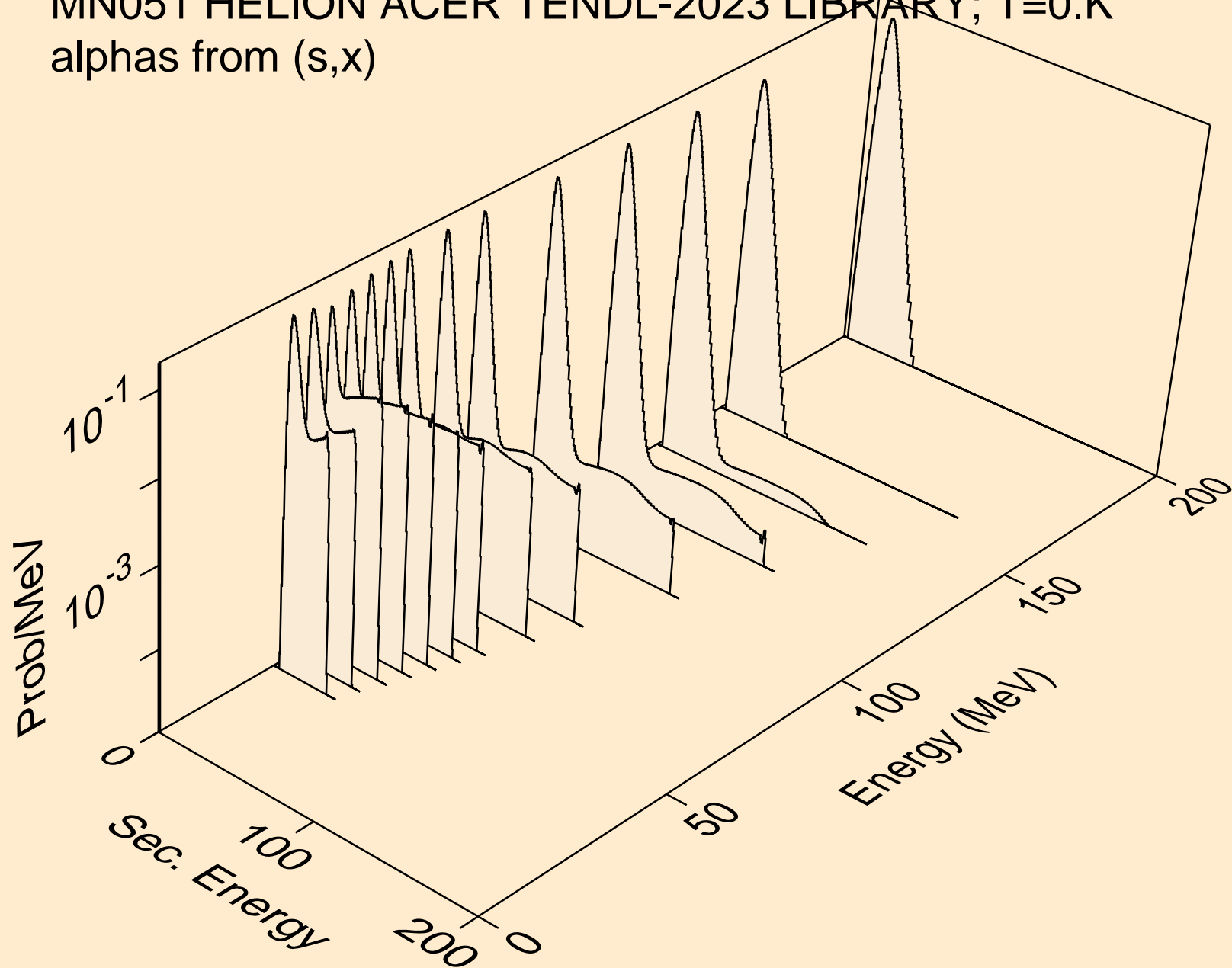
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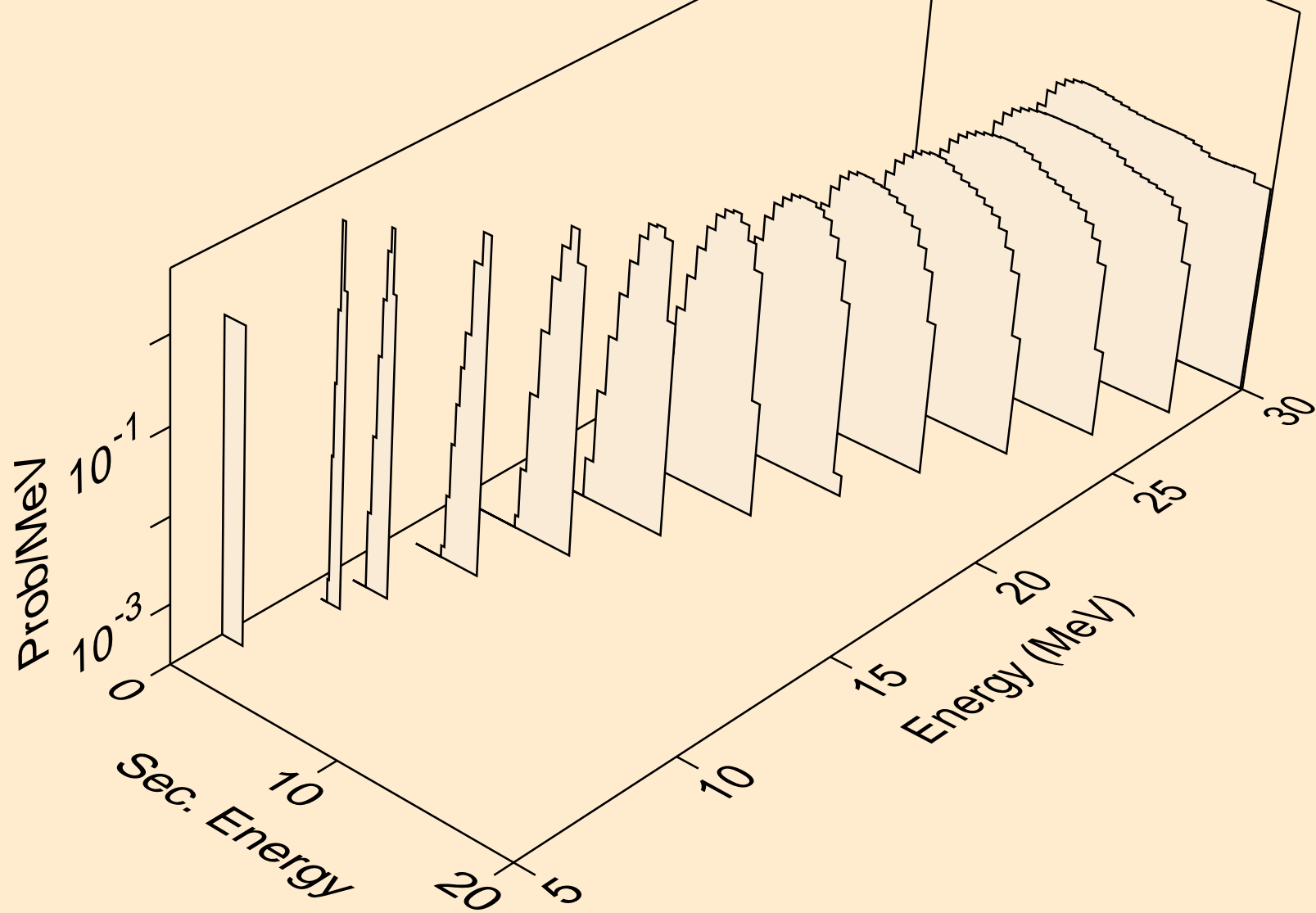
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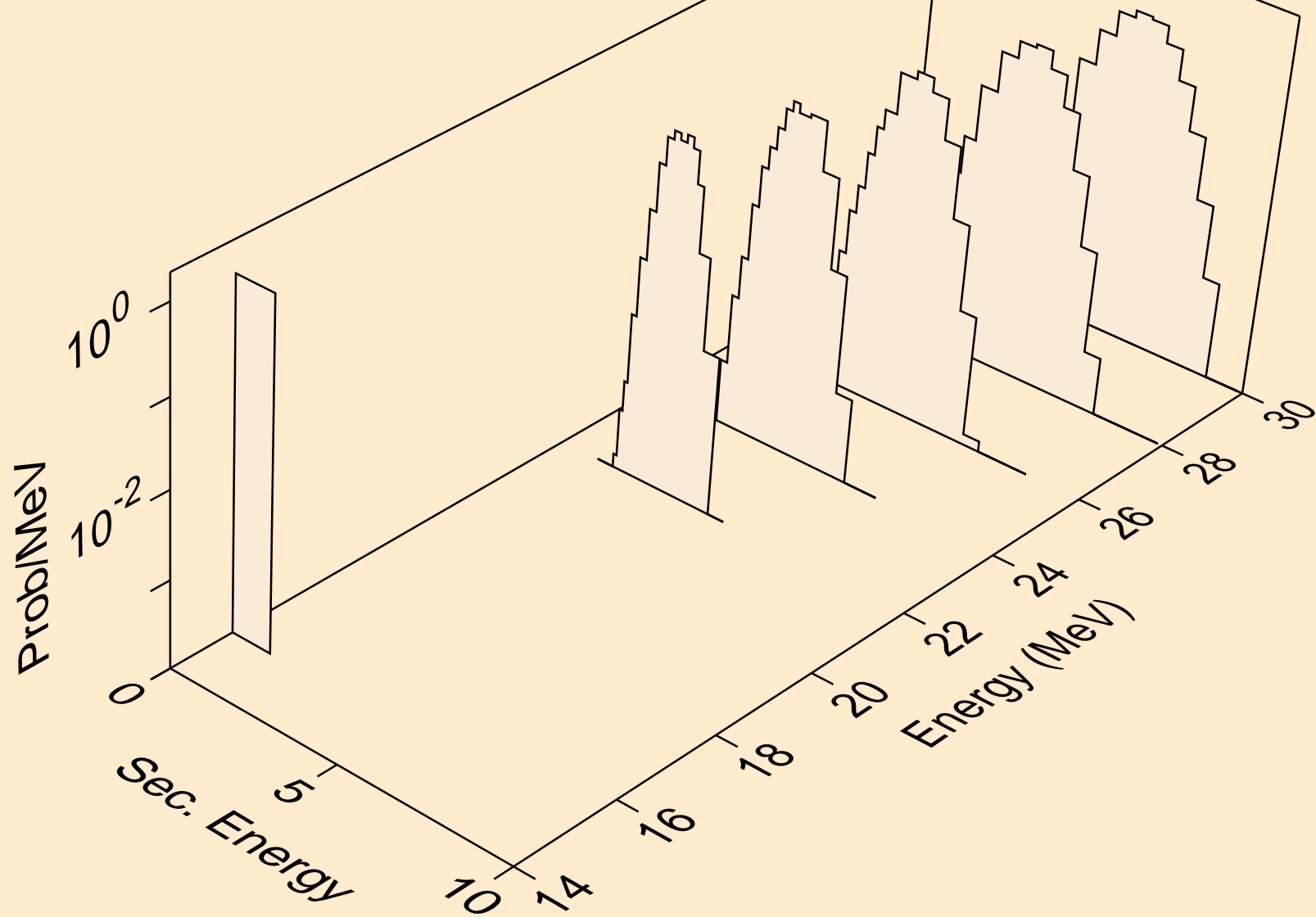
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alphas from (s,x)



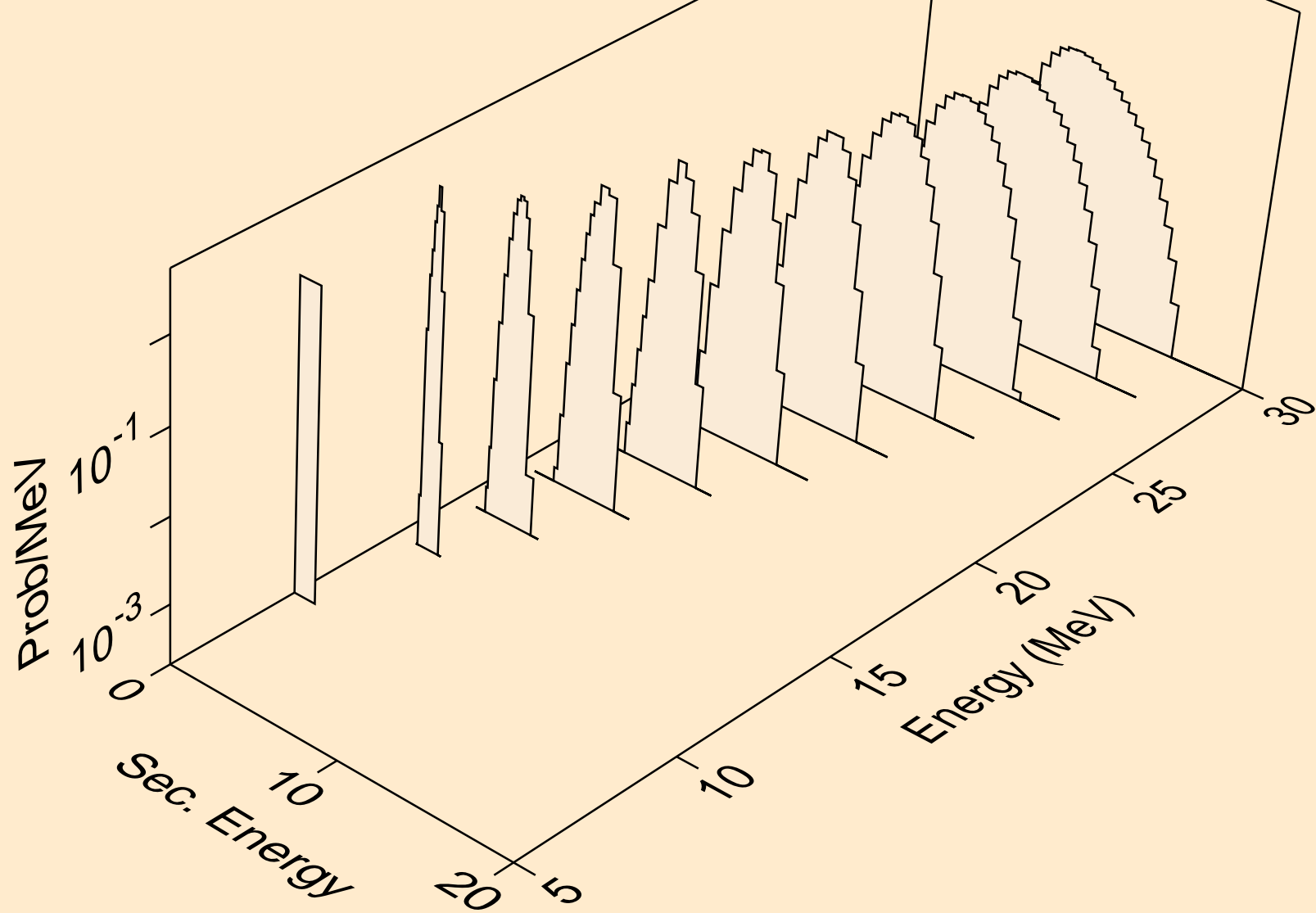
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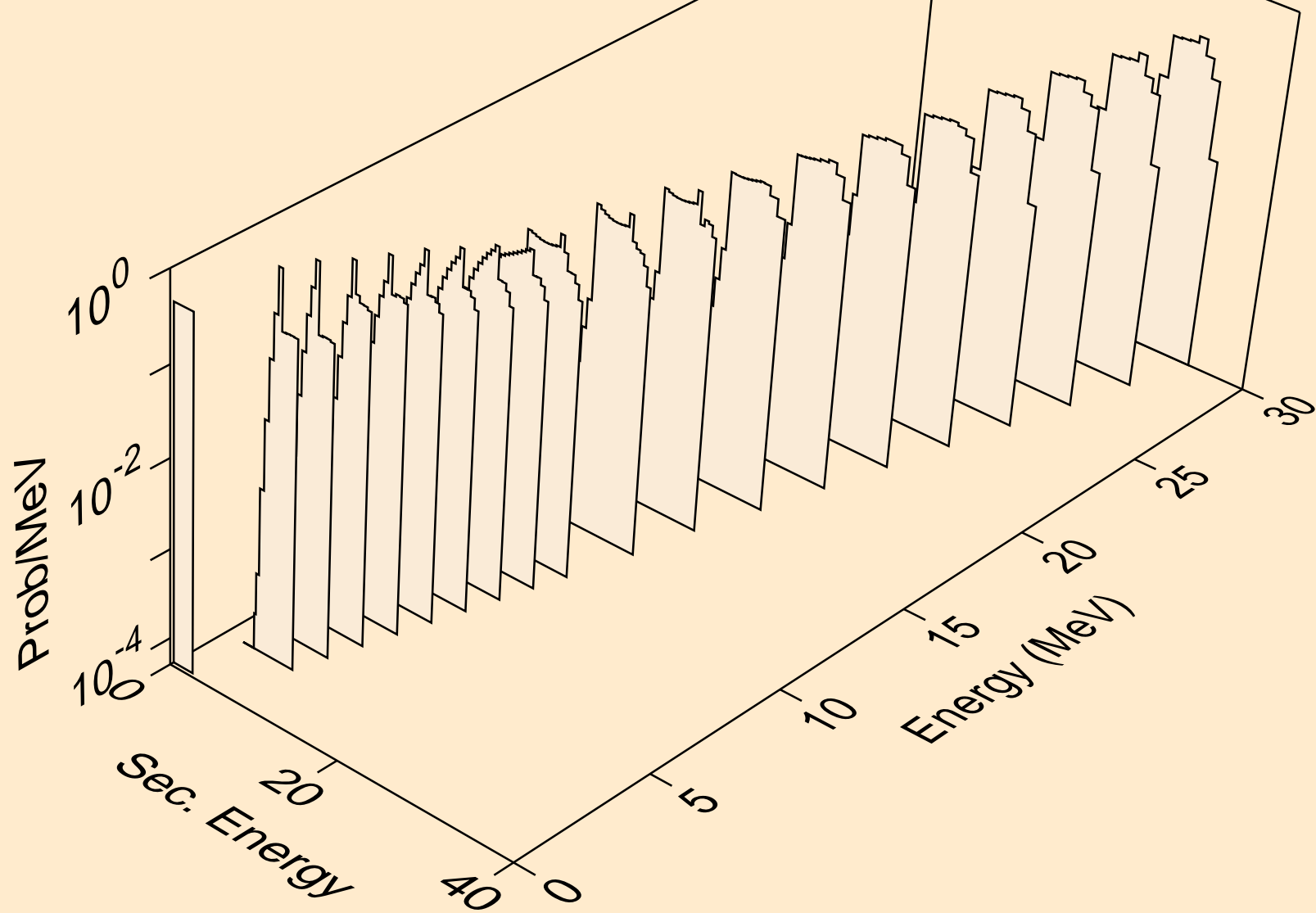
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alphas from (s,n\*)2a



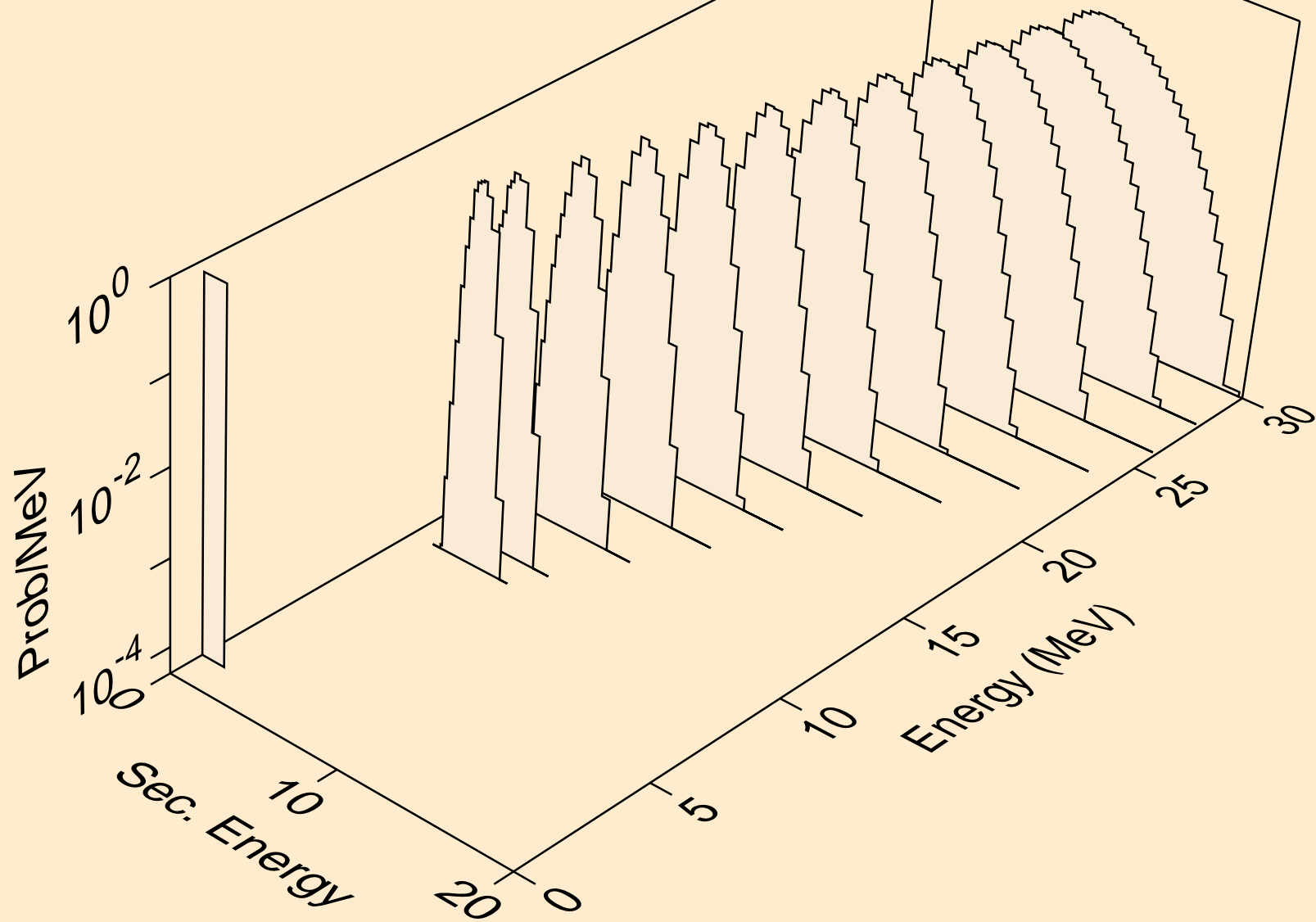
MN051 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,npa)



MN051 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,a)

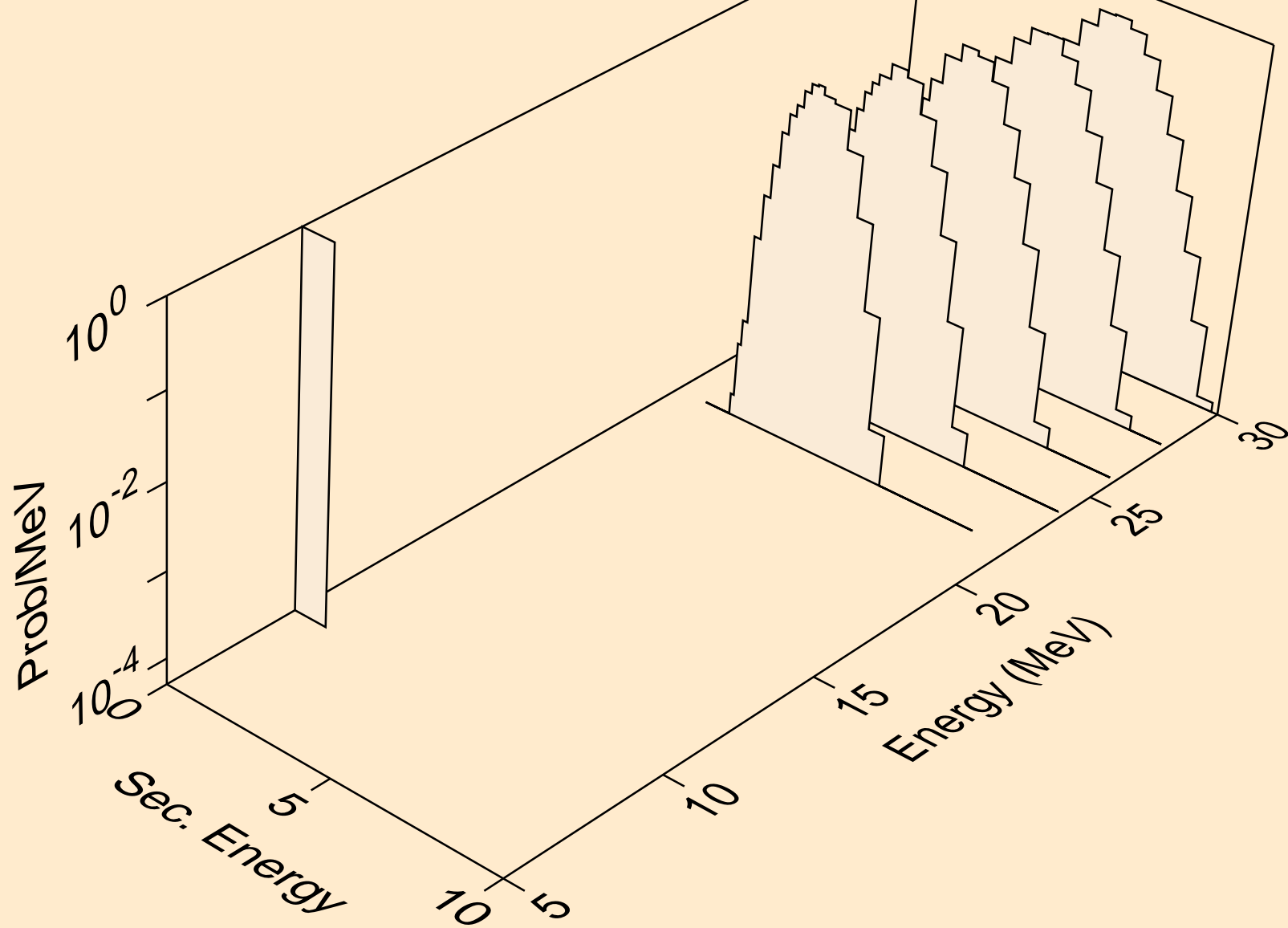


MN051 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2a)

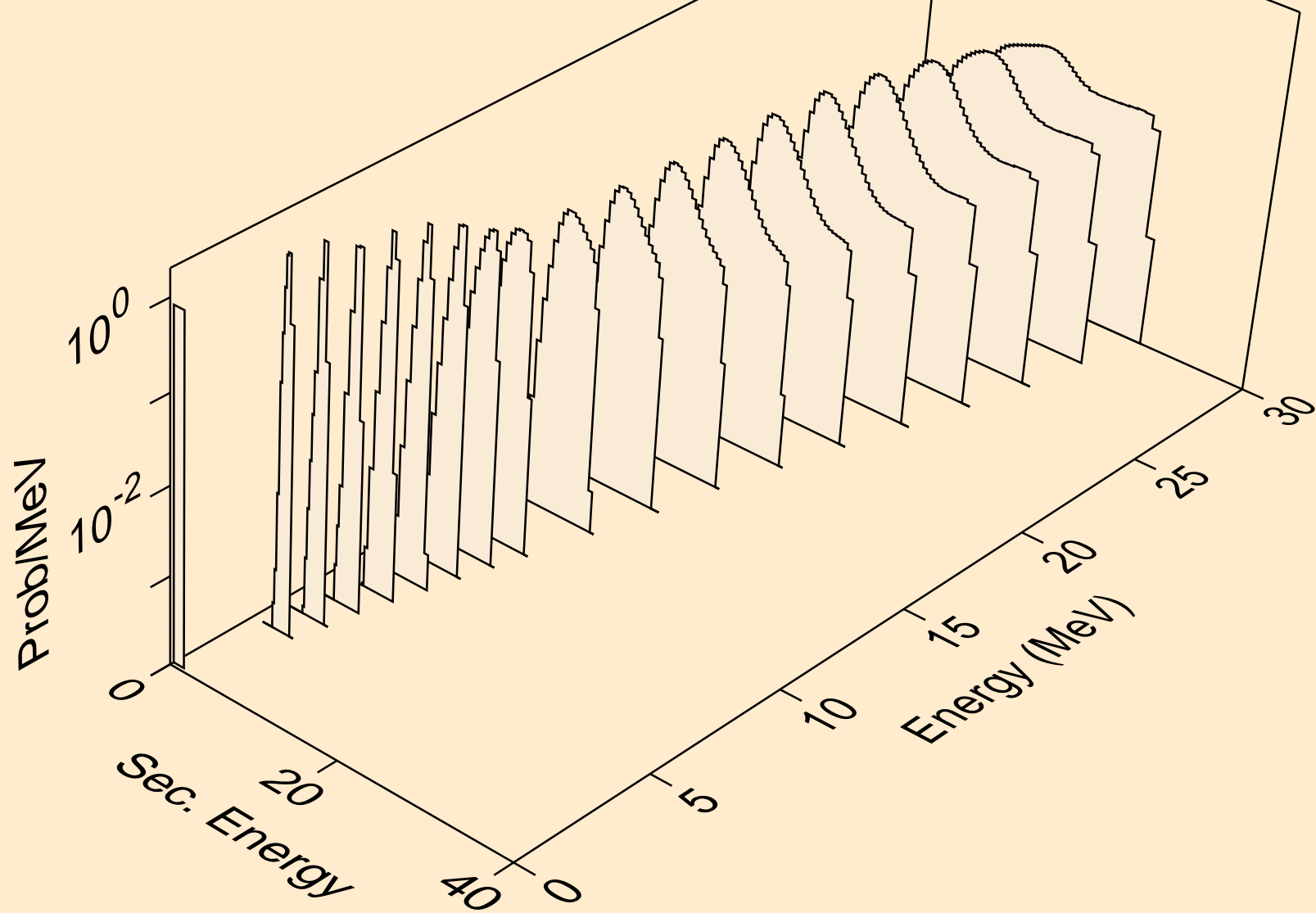




MN051 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,3a)



MN051 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,pa)



MN051 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,da)

