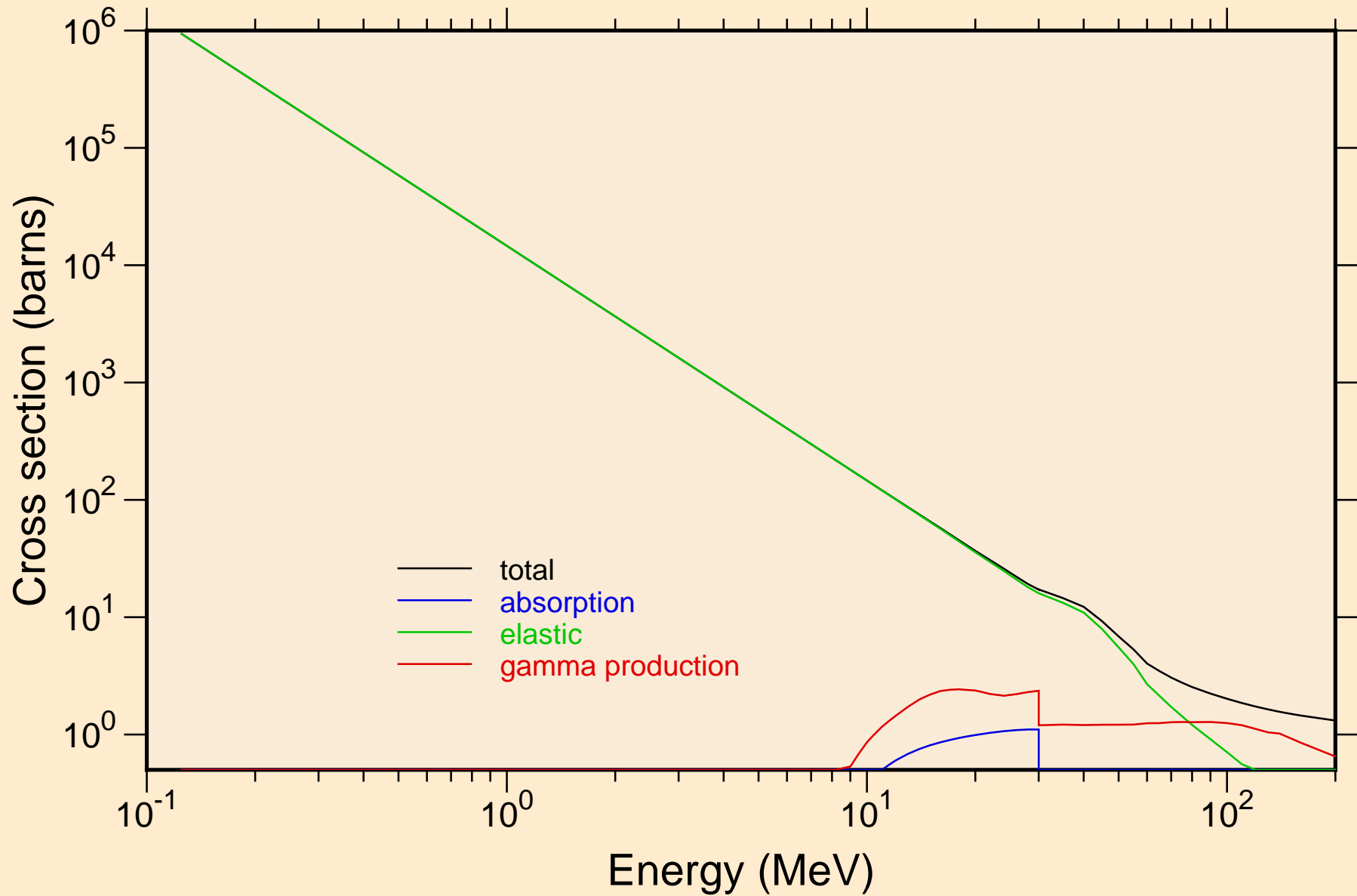


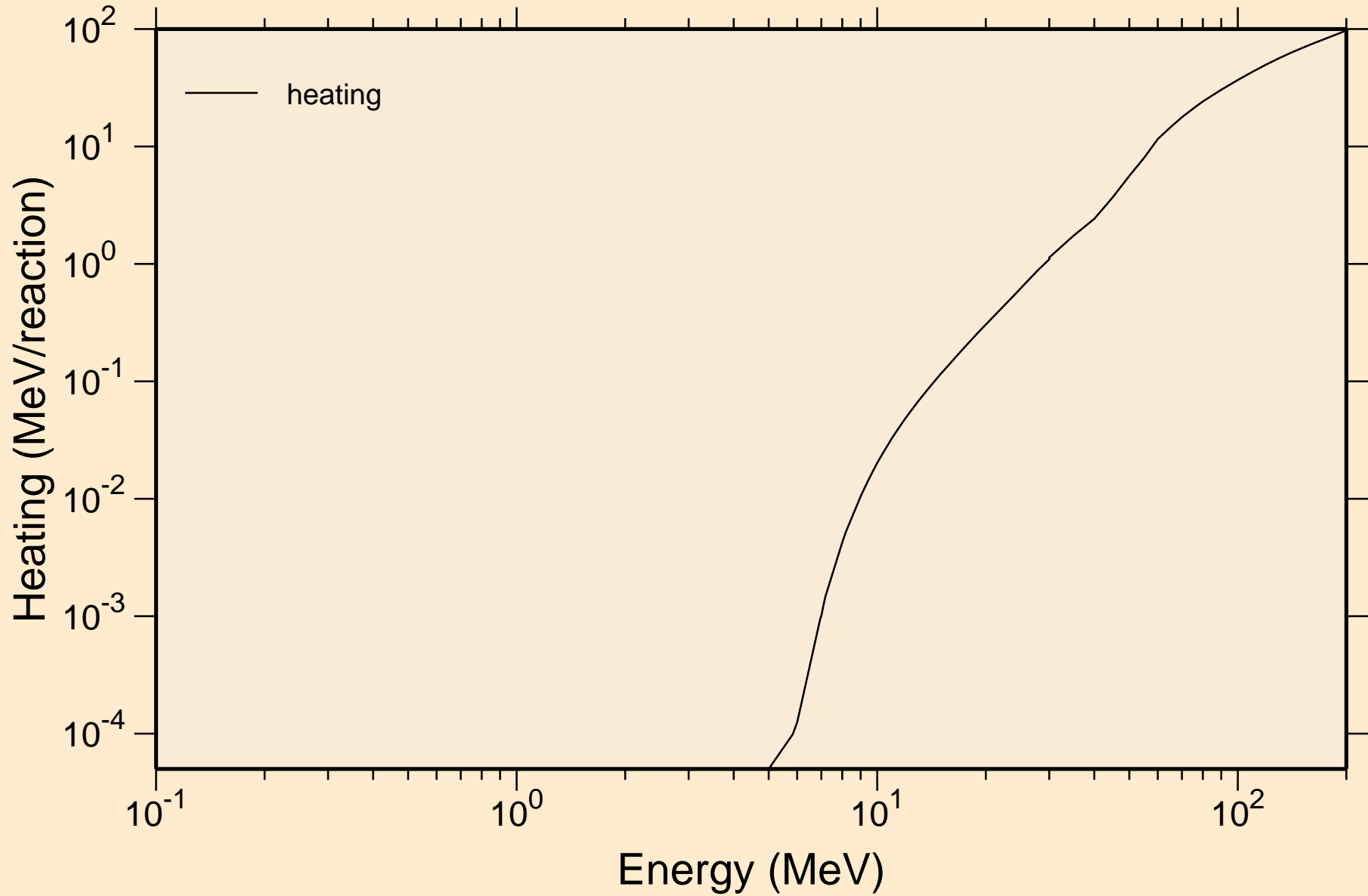
# V049 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



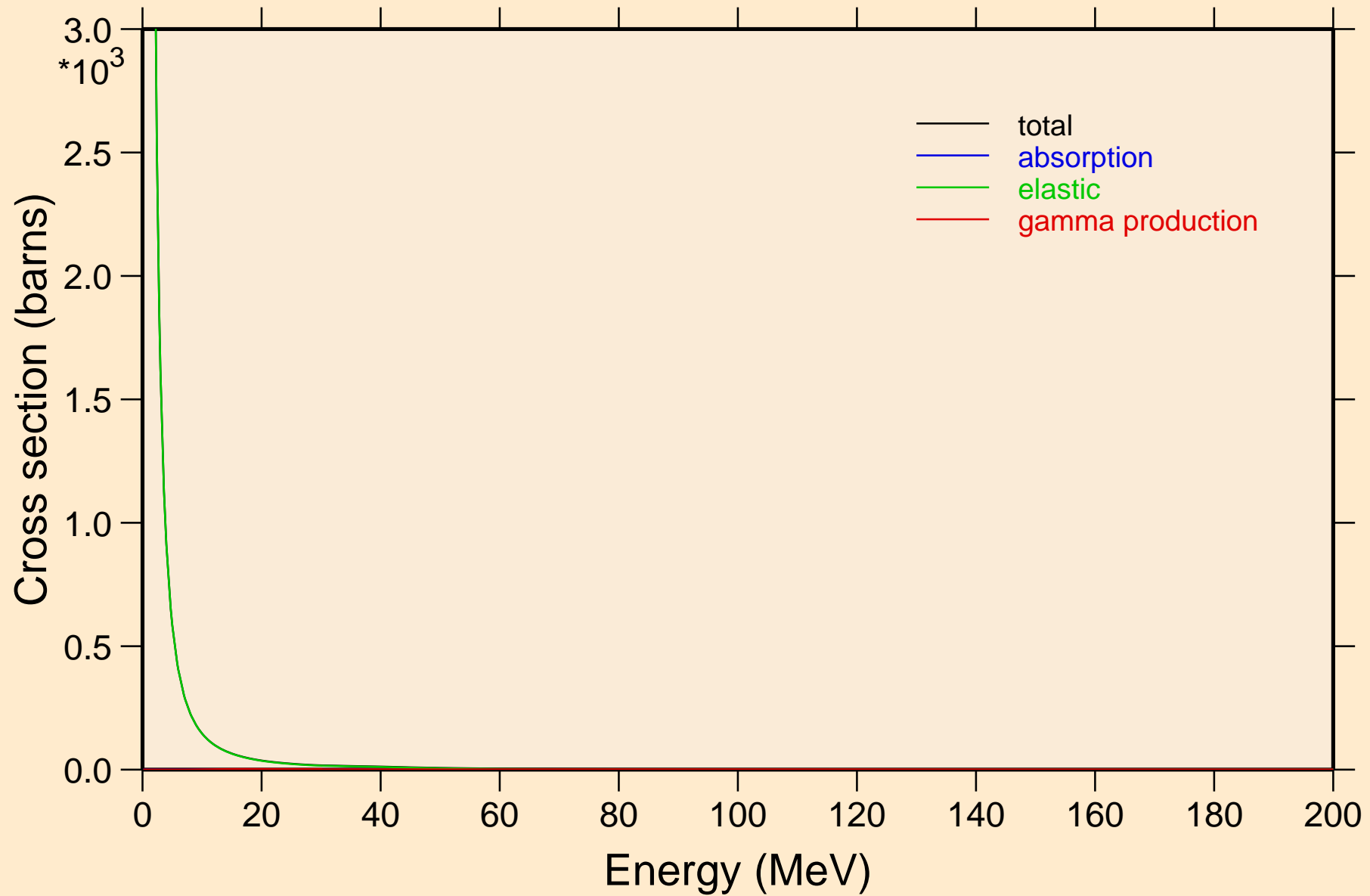
V049 HELION ACER TENDL-2021 LIBRARY; T=0.K

Heating



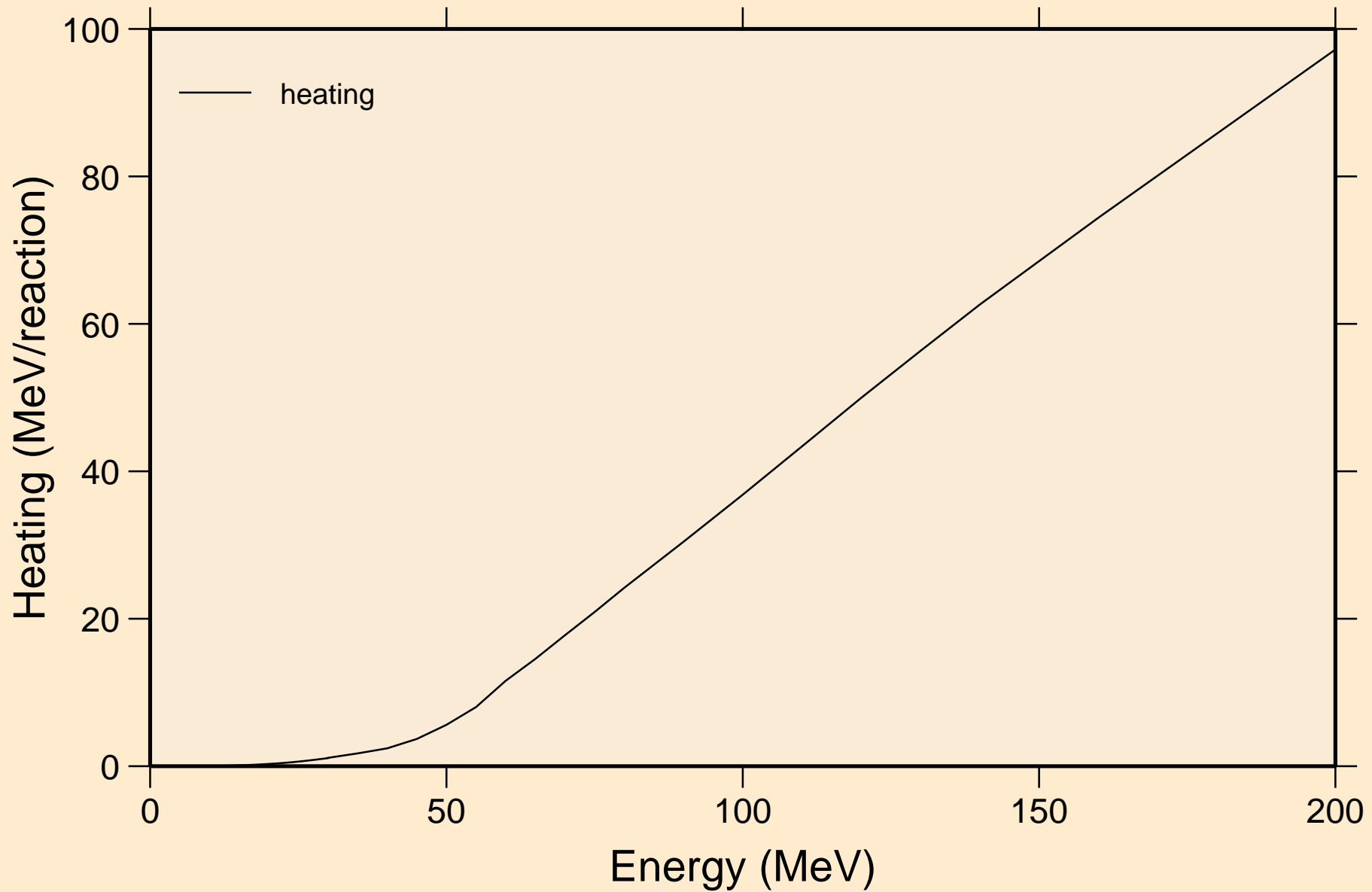
V049 HELION ACER TENDL-2021 LIBRARY; T=0.K

Principal cross sections



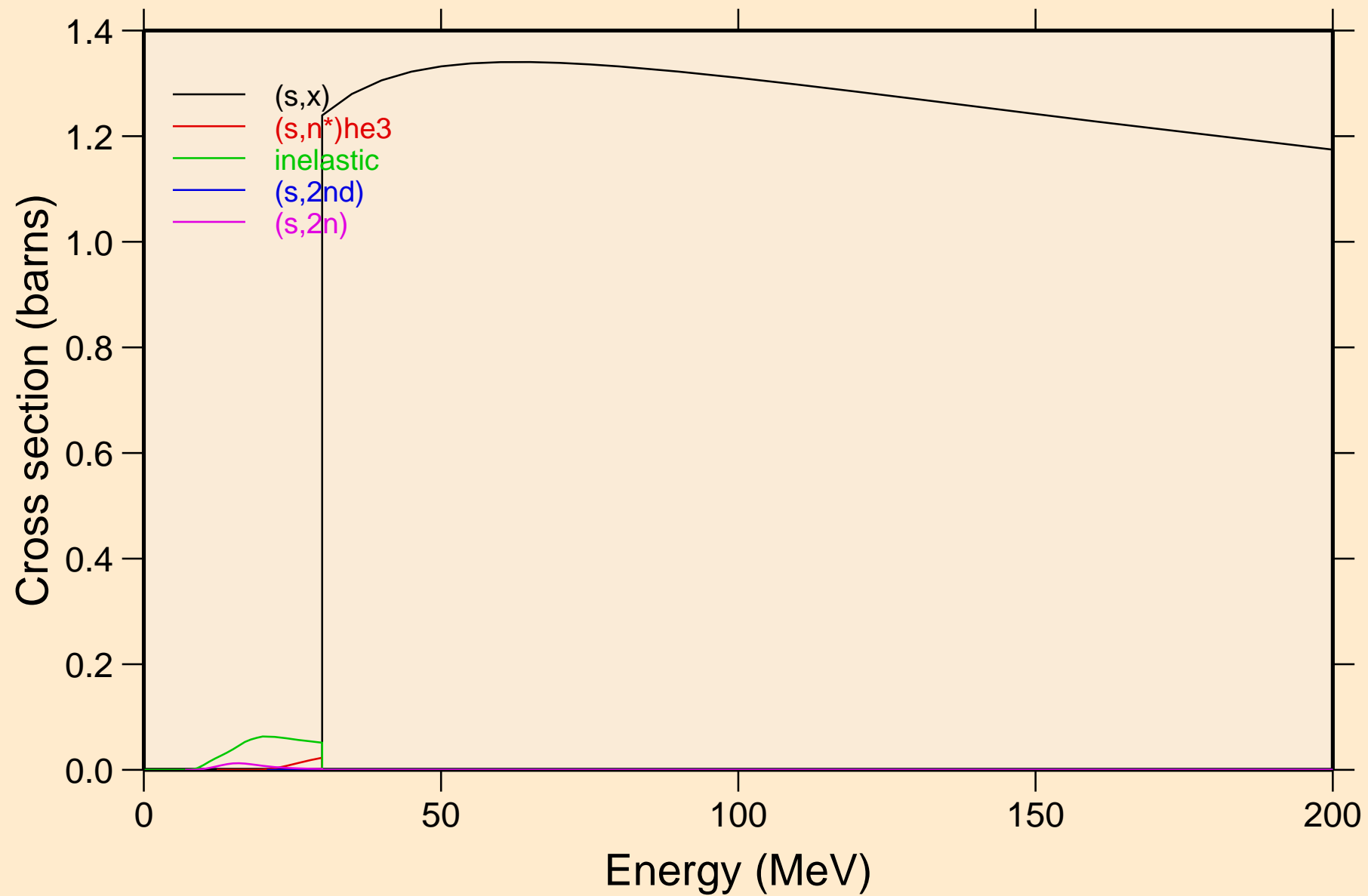
V049 HELION ACER TENDL-2021 LIBRARY; T=0.K

Heating

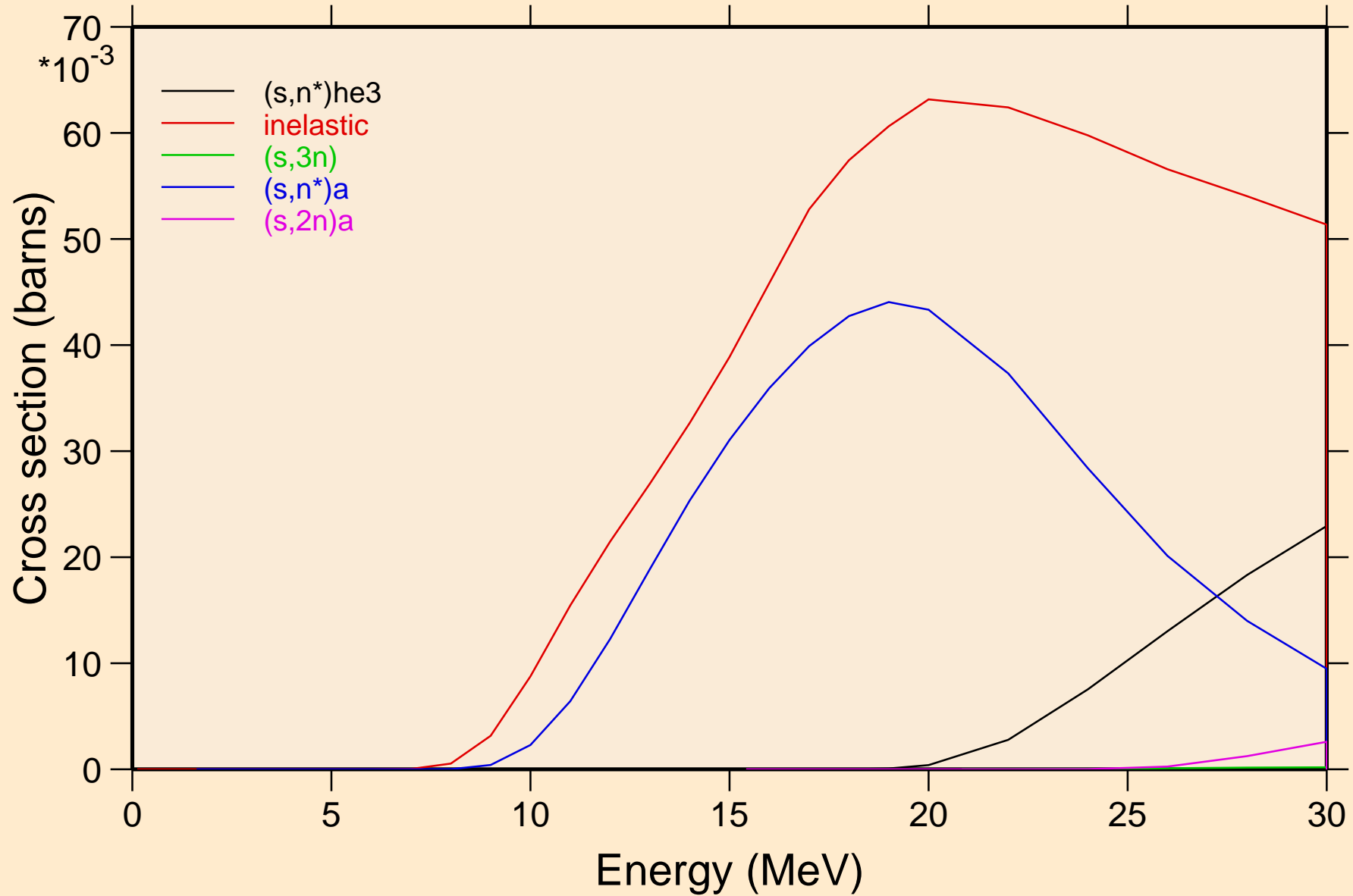


# V049 HELION ACER TENDL-2021 LIBRARY; T=0.K

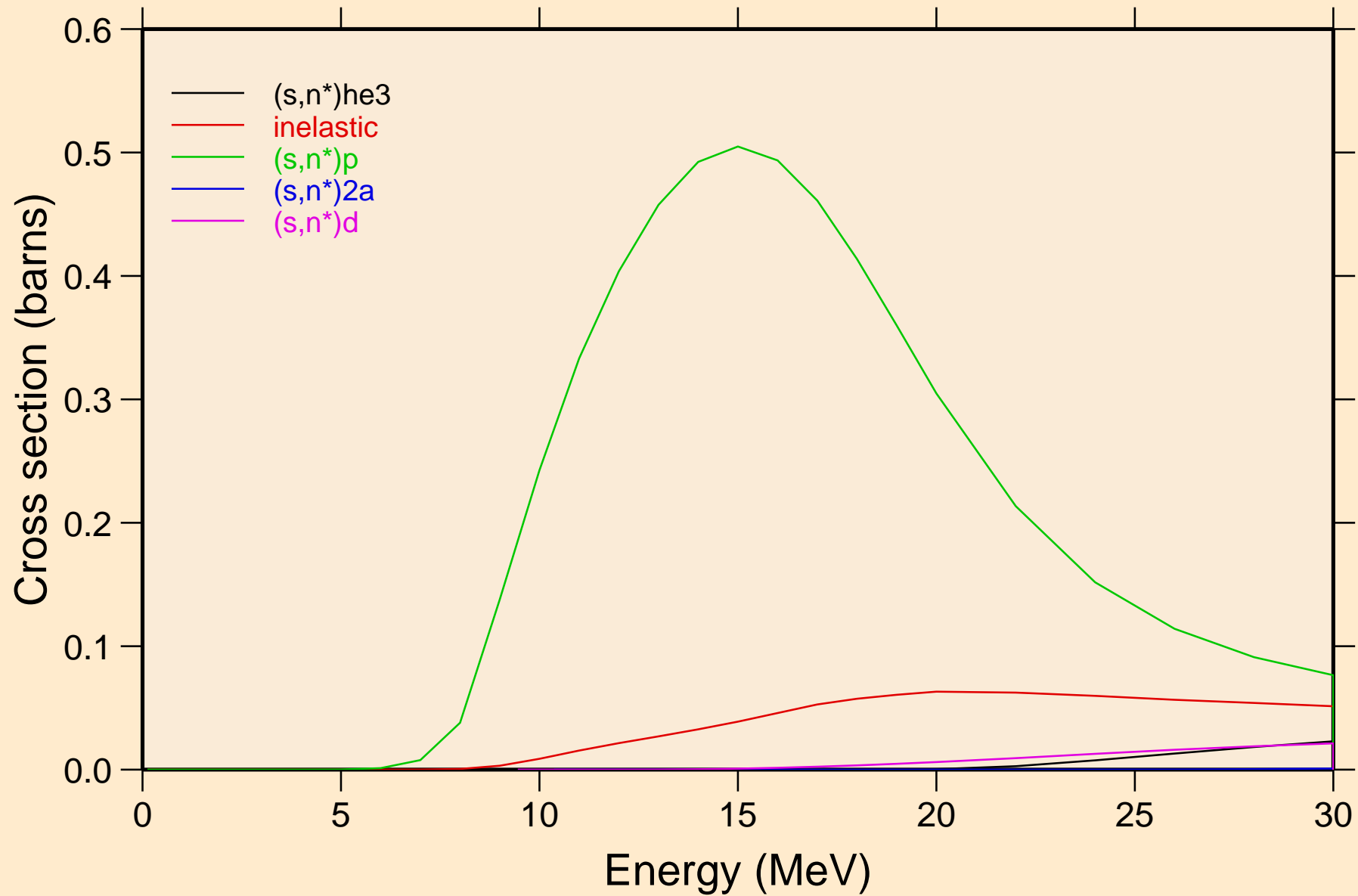
## Threshold reactions



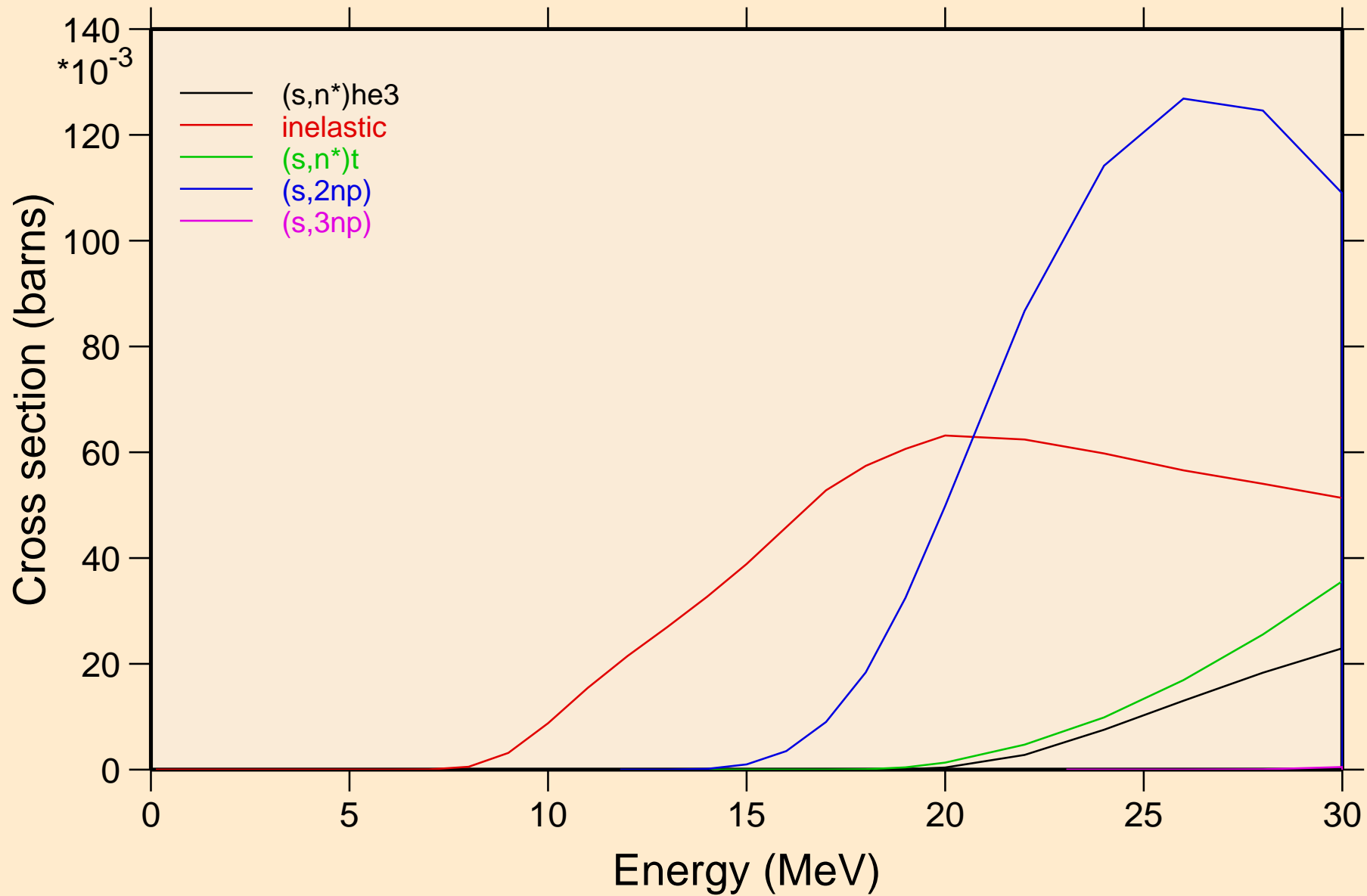
V049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



V049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

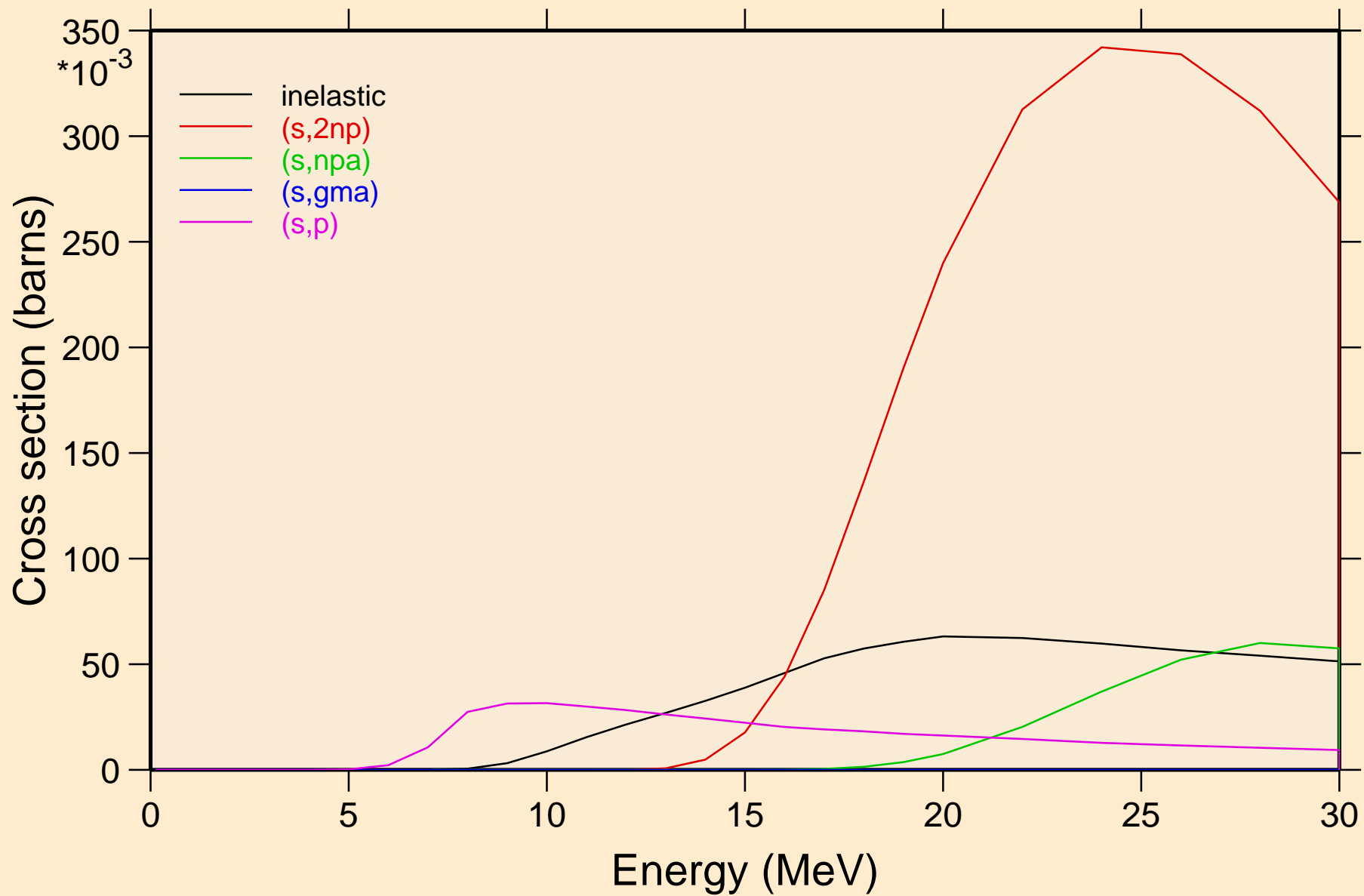


V049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

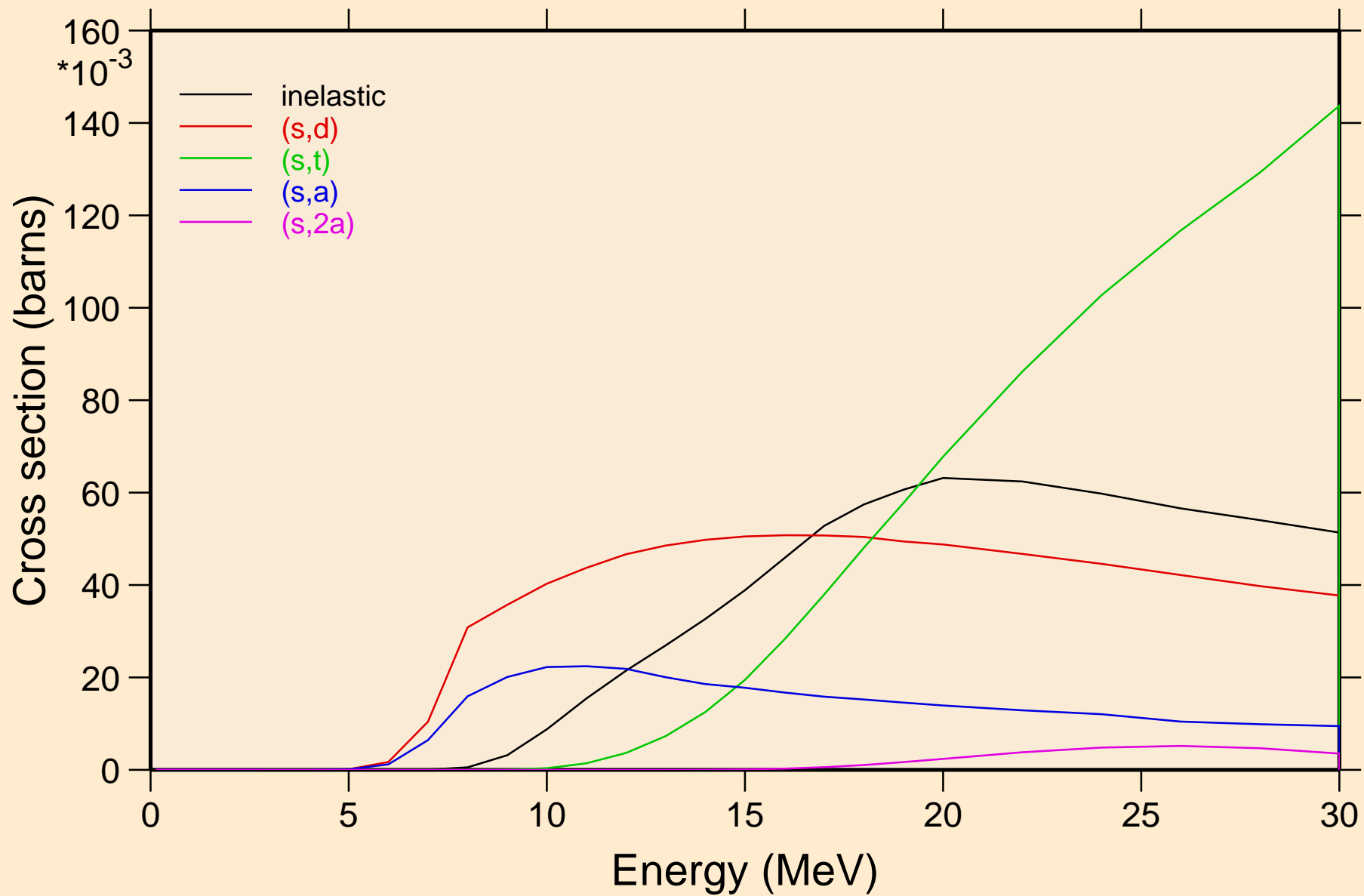




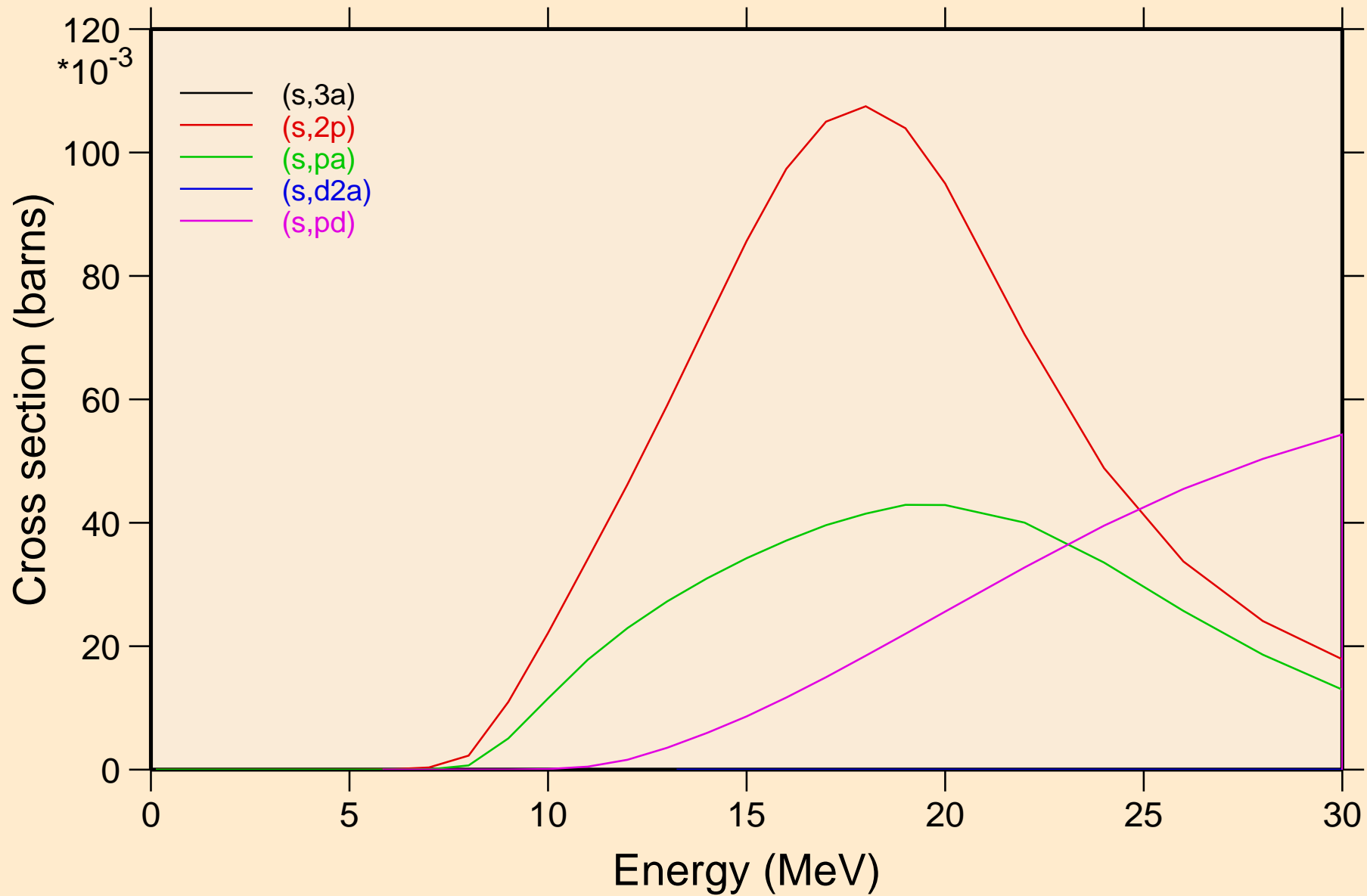
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Threshold reactions



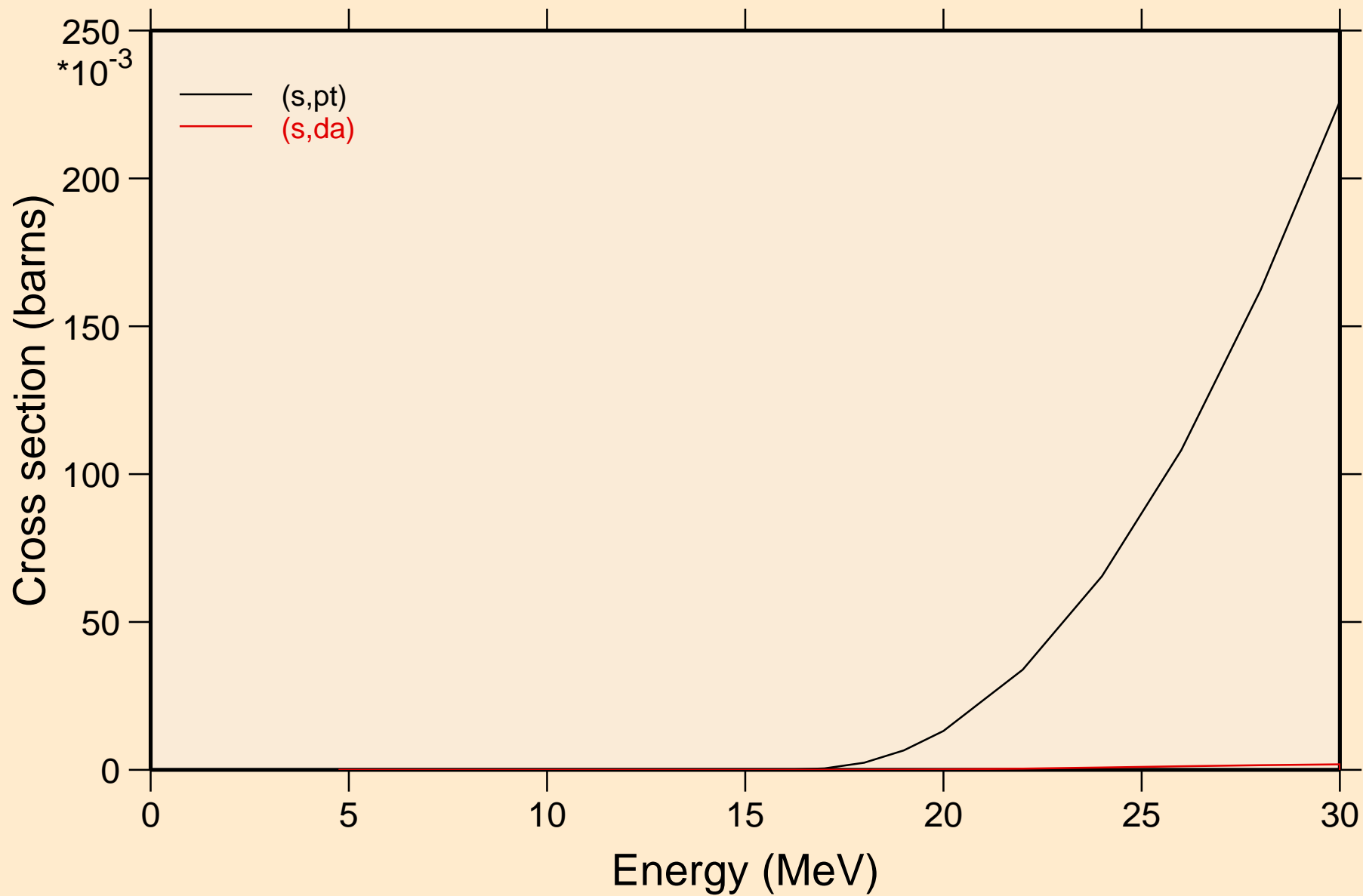
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Threshold reactions



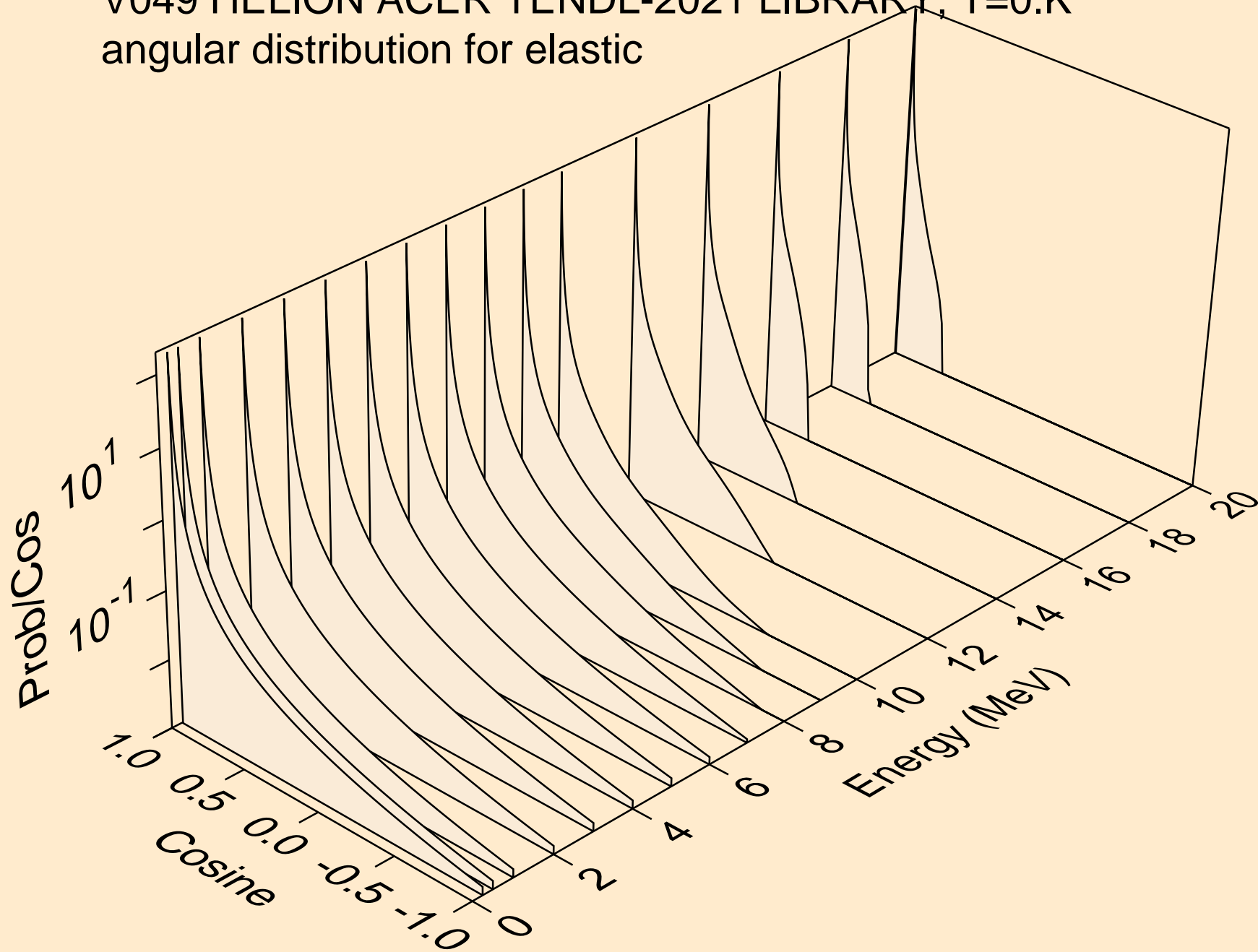
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Threshold reactions



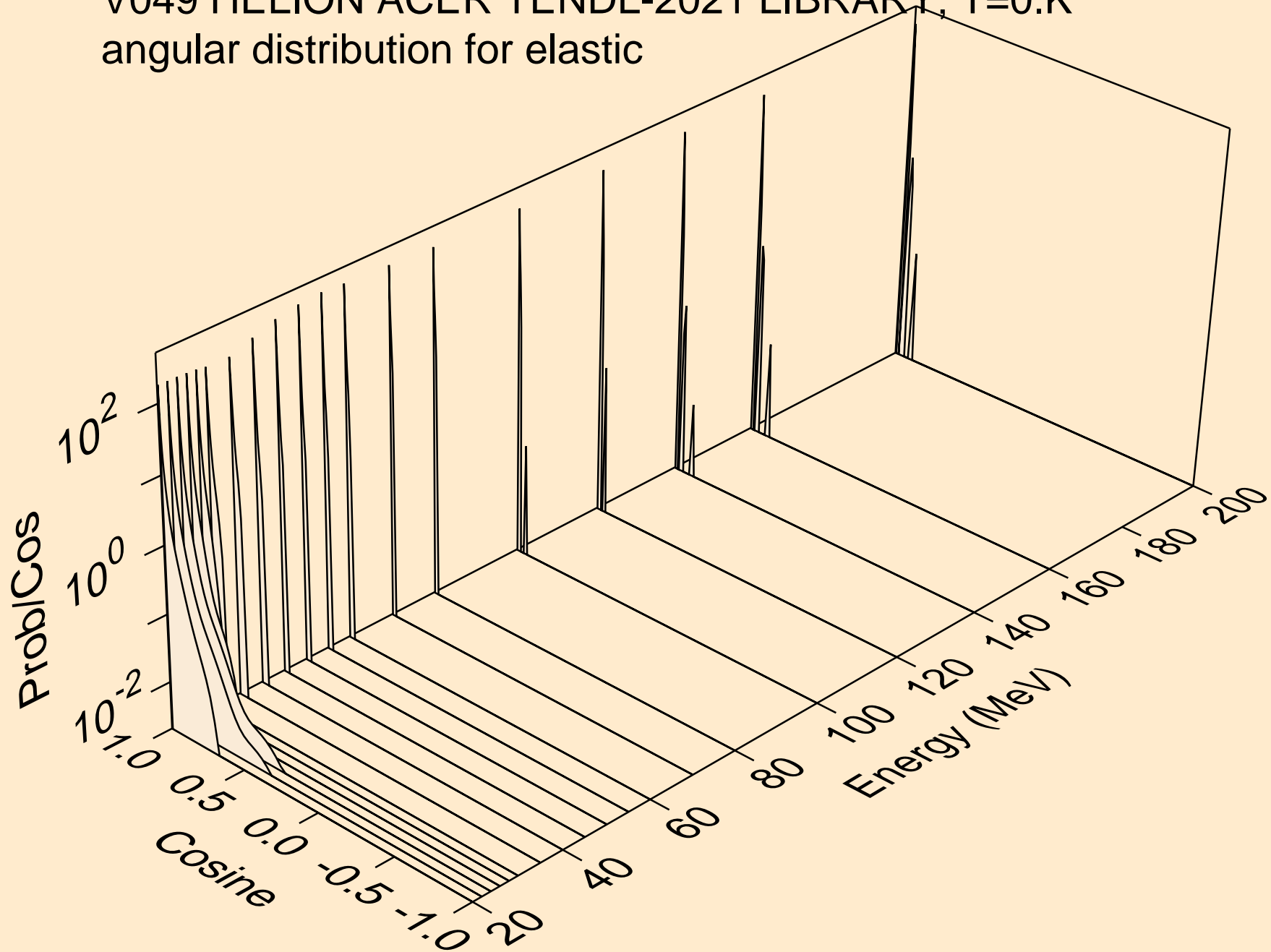
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Threshold reactions



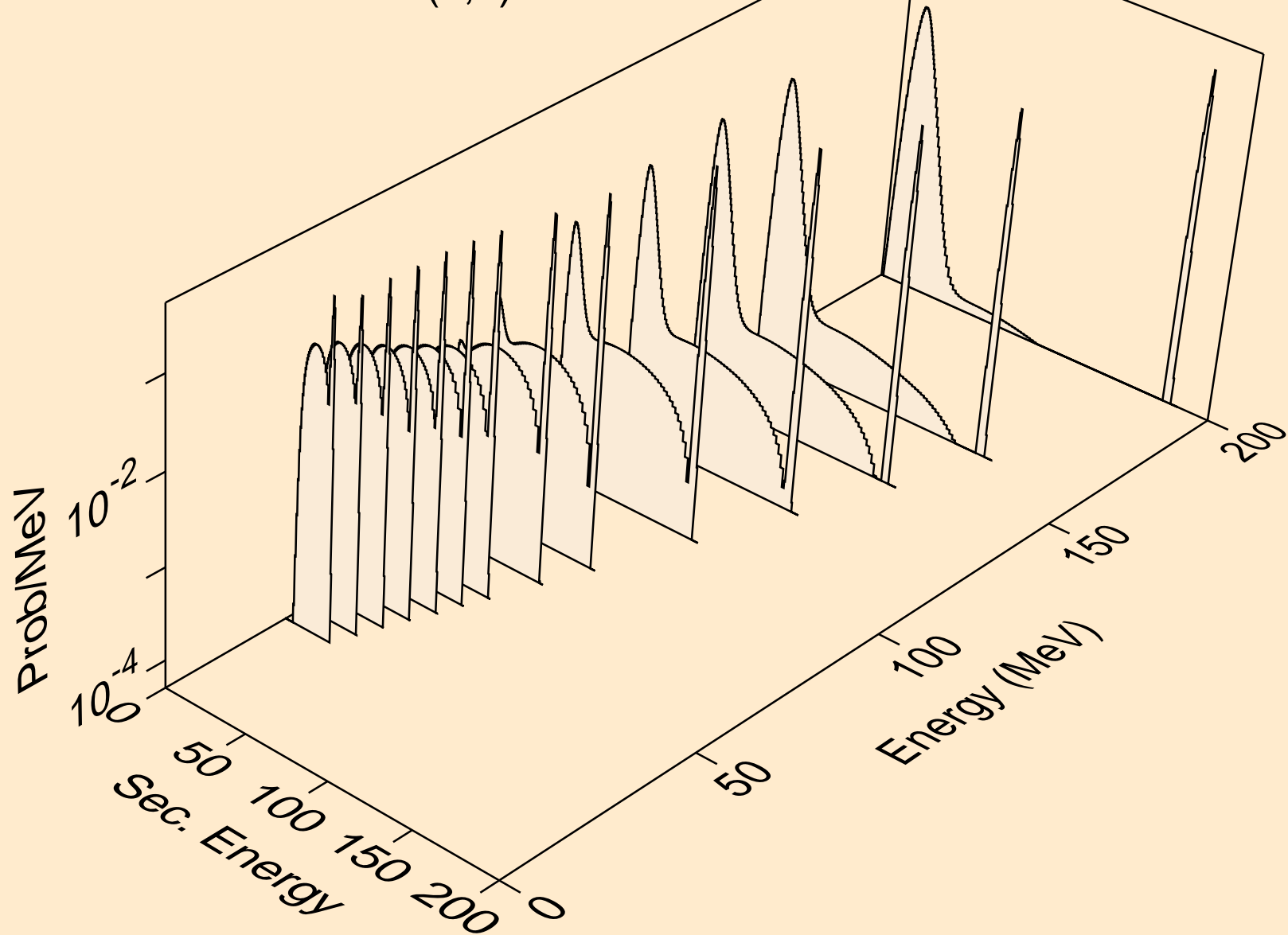
V049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



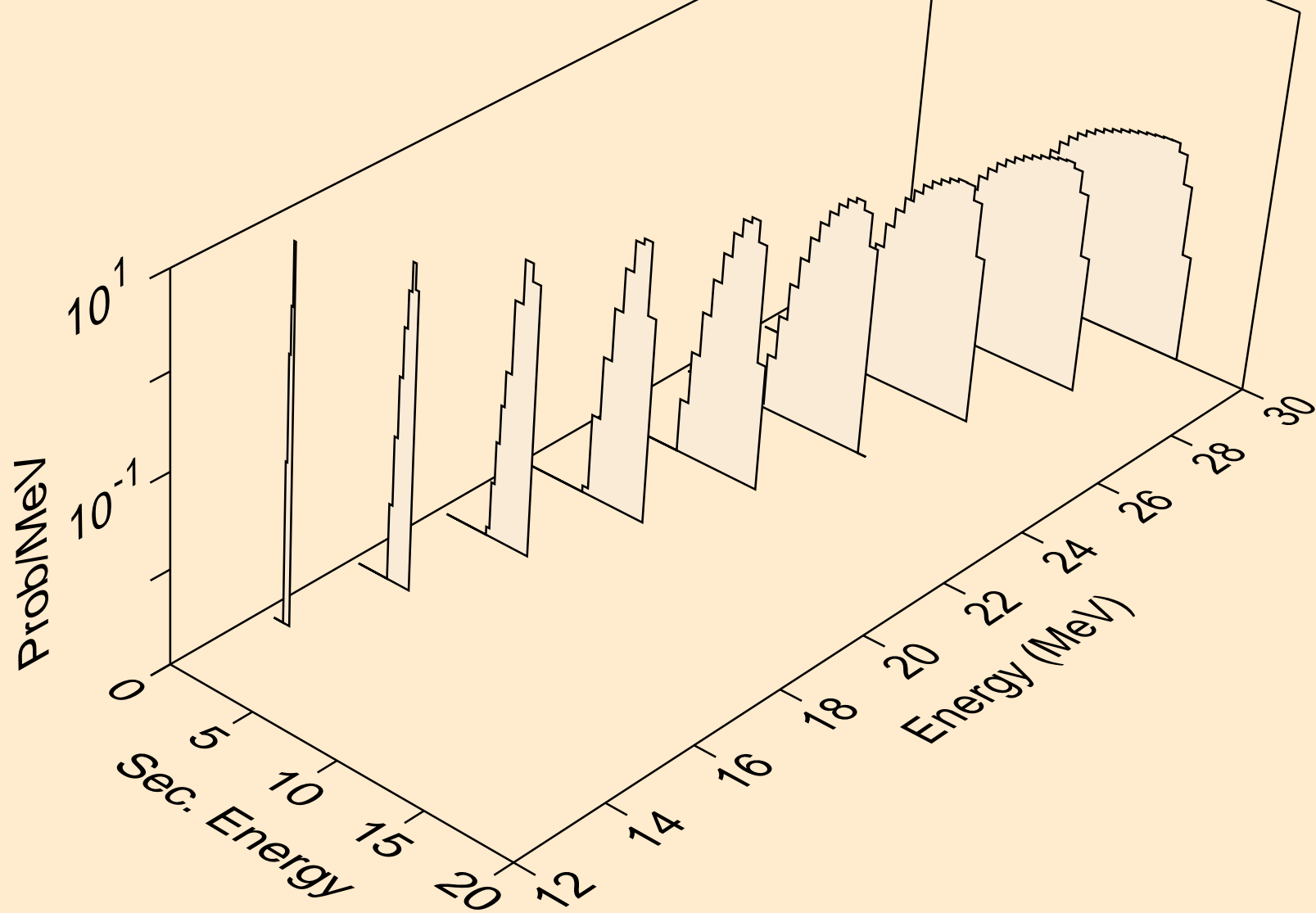
V049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



V049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,x)

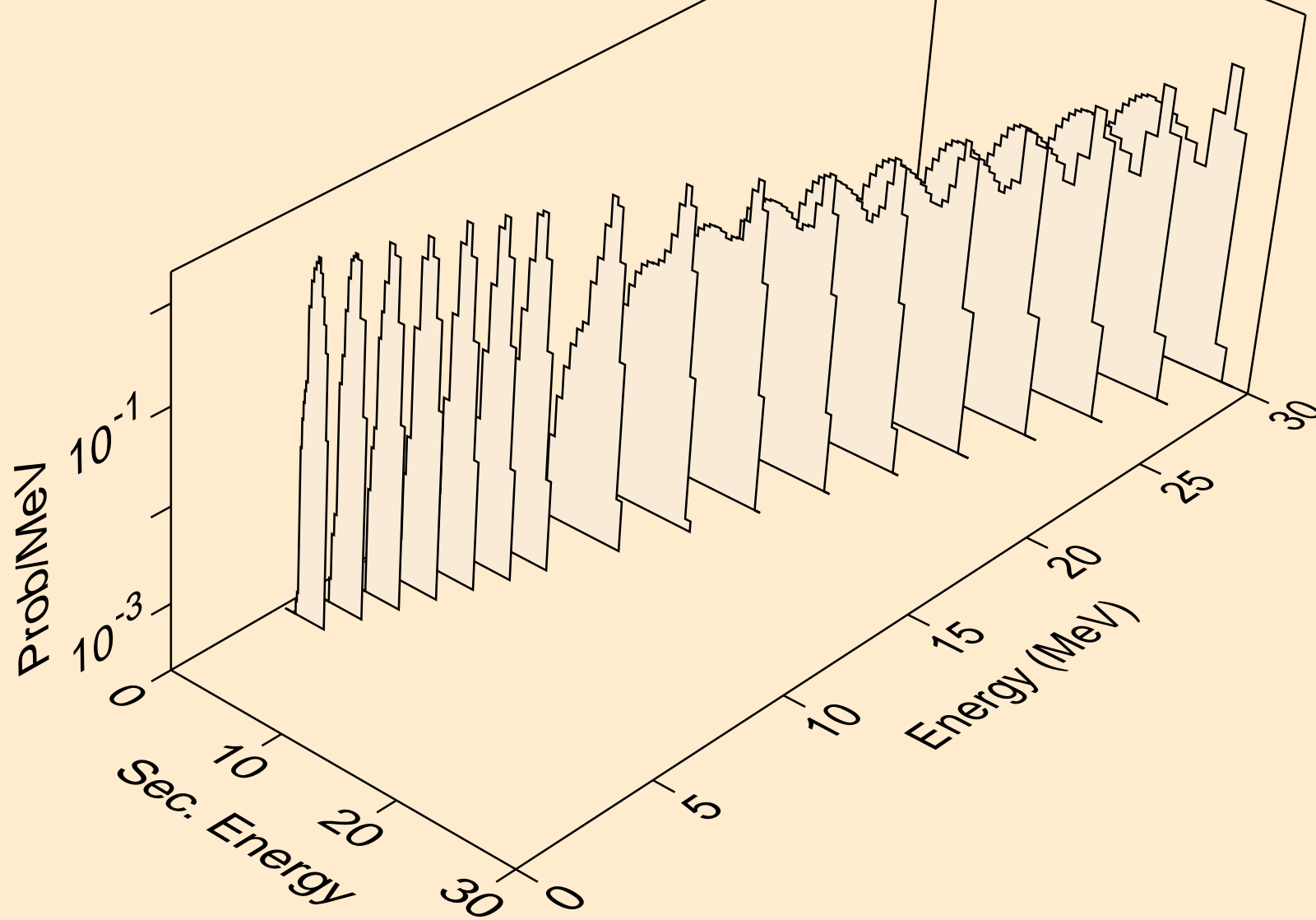


V049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

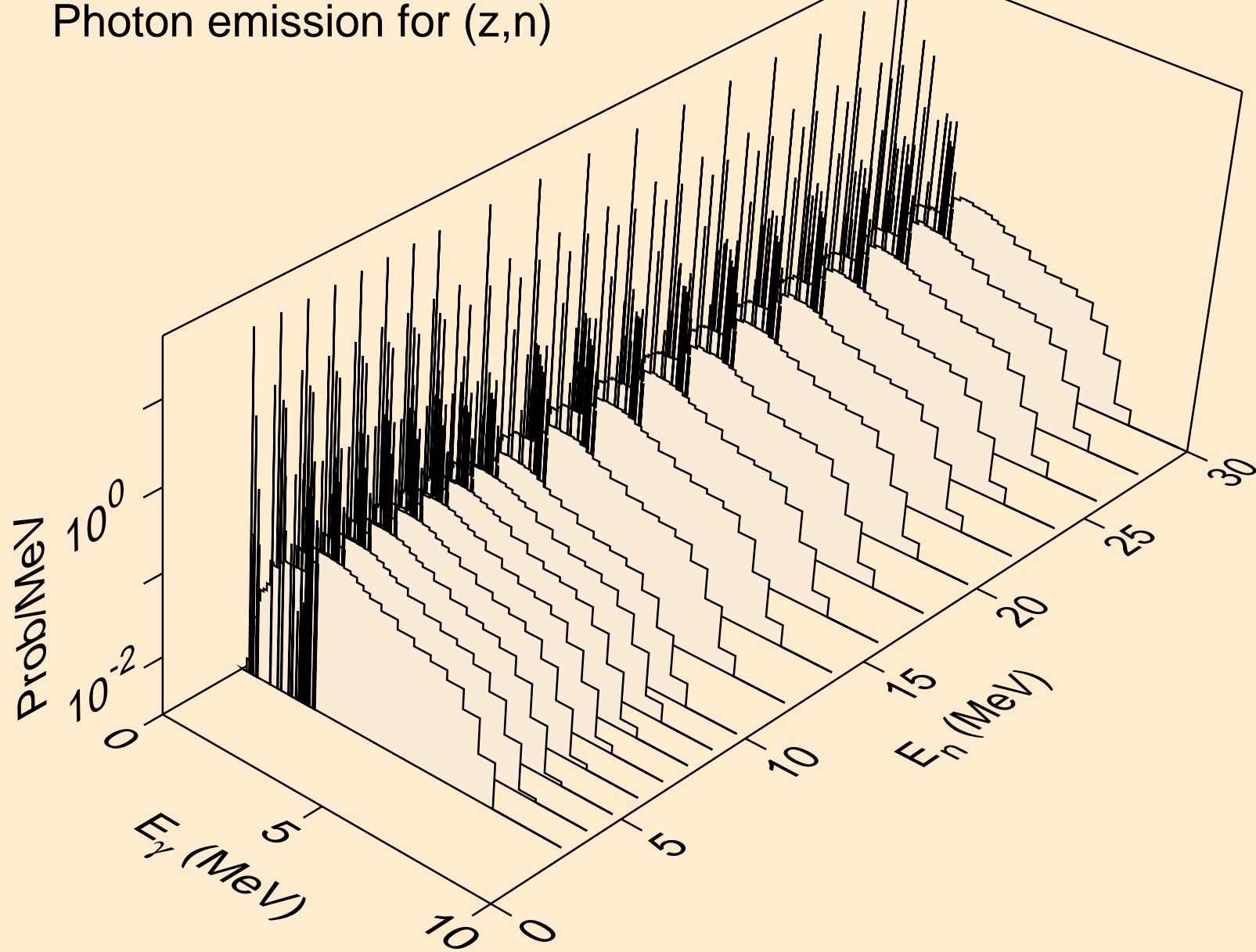




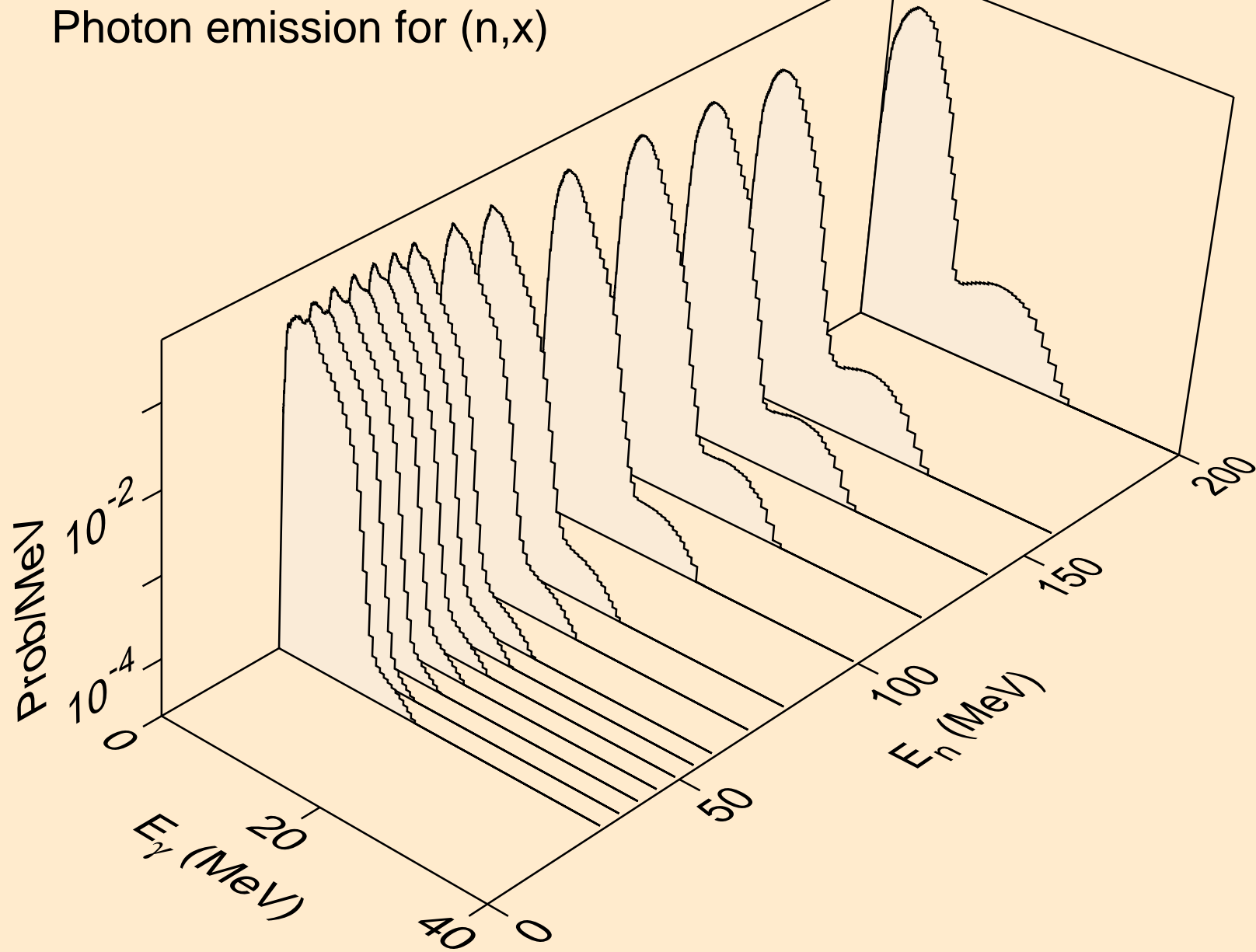
V049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for inelastic



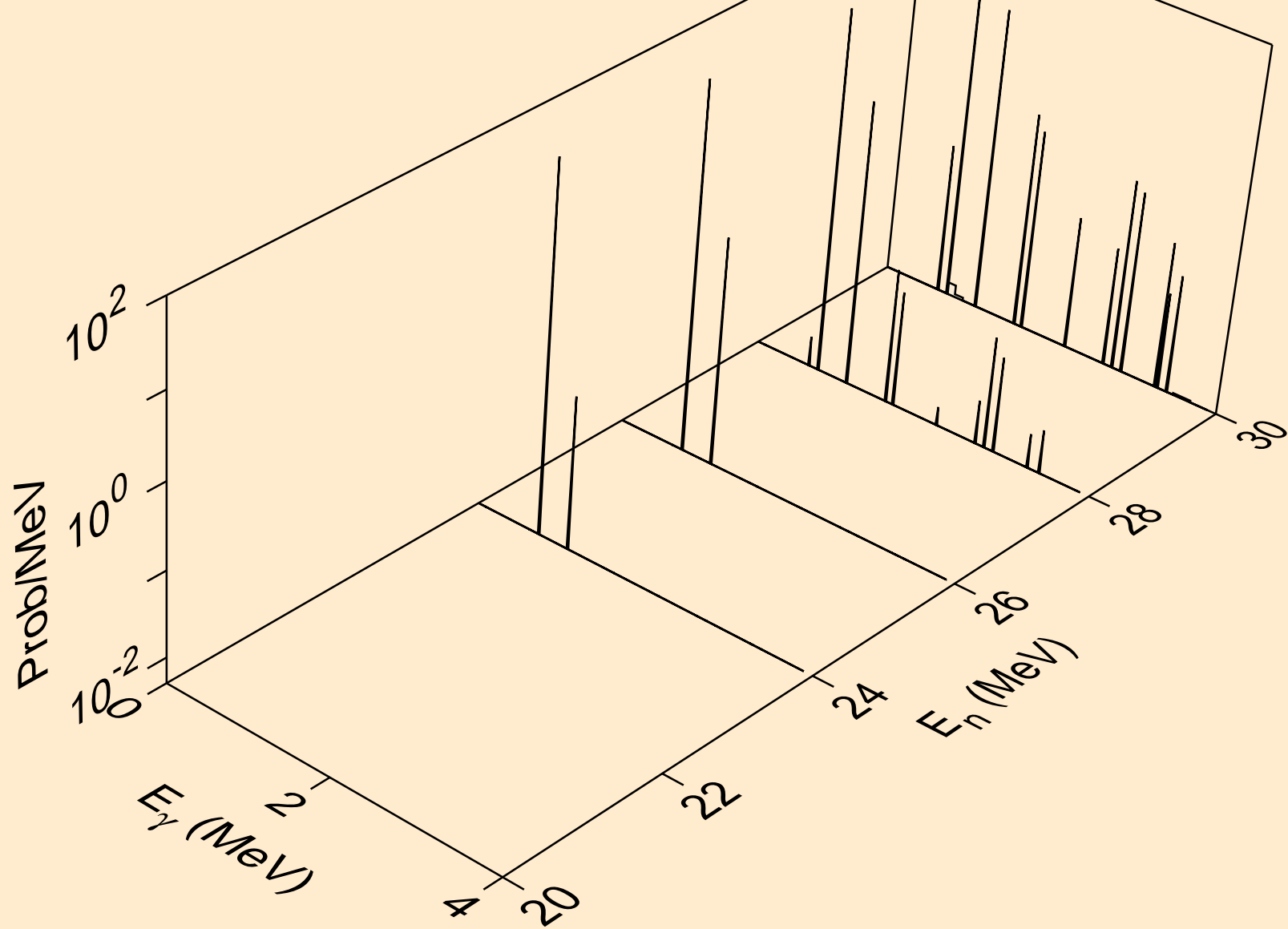
V049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



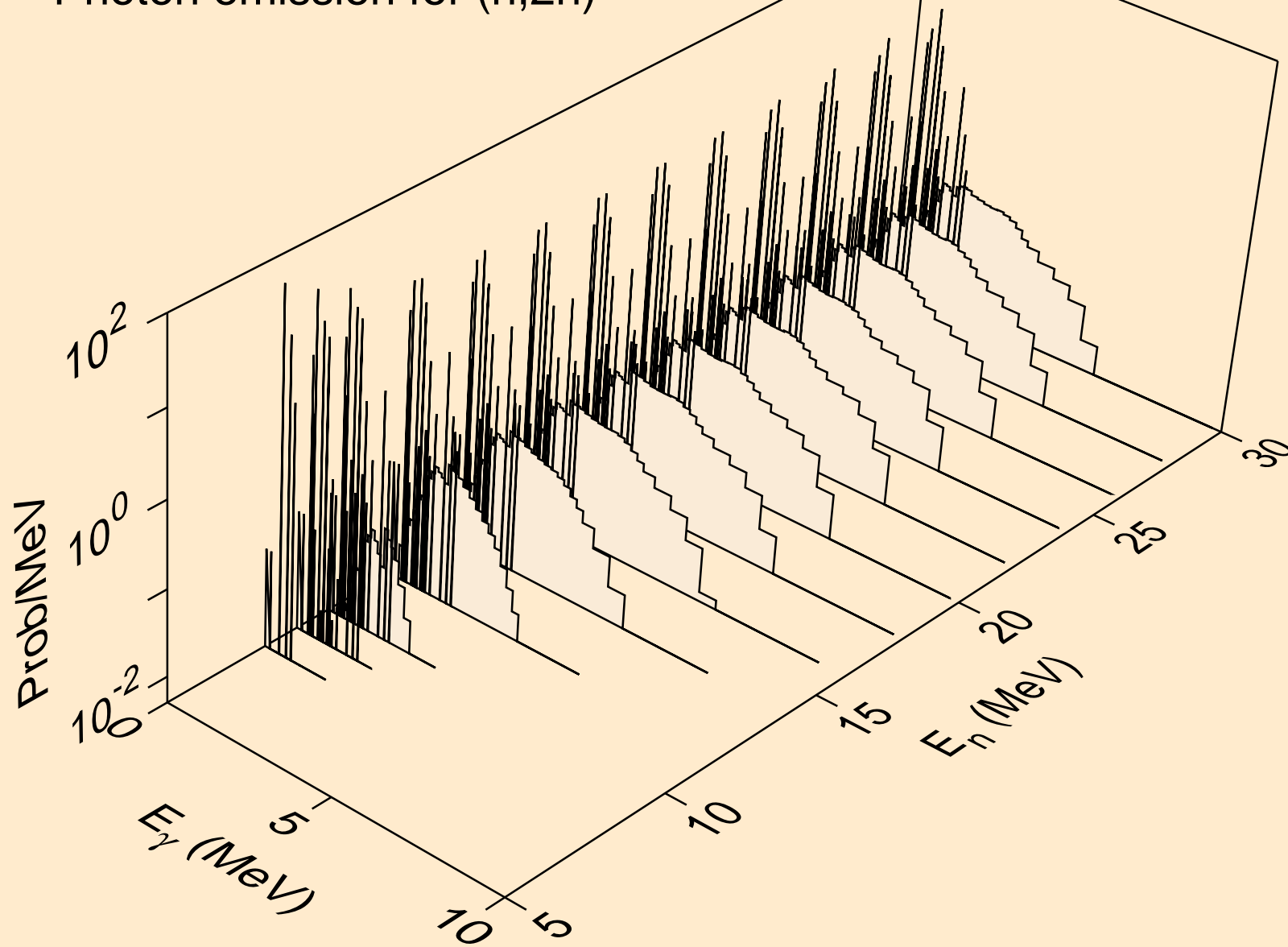
V049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



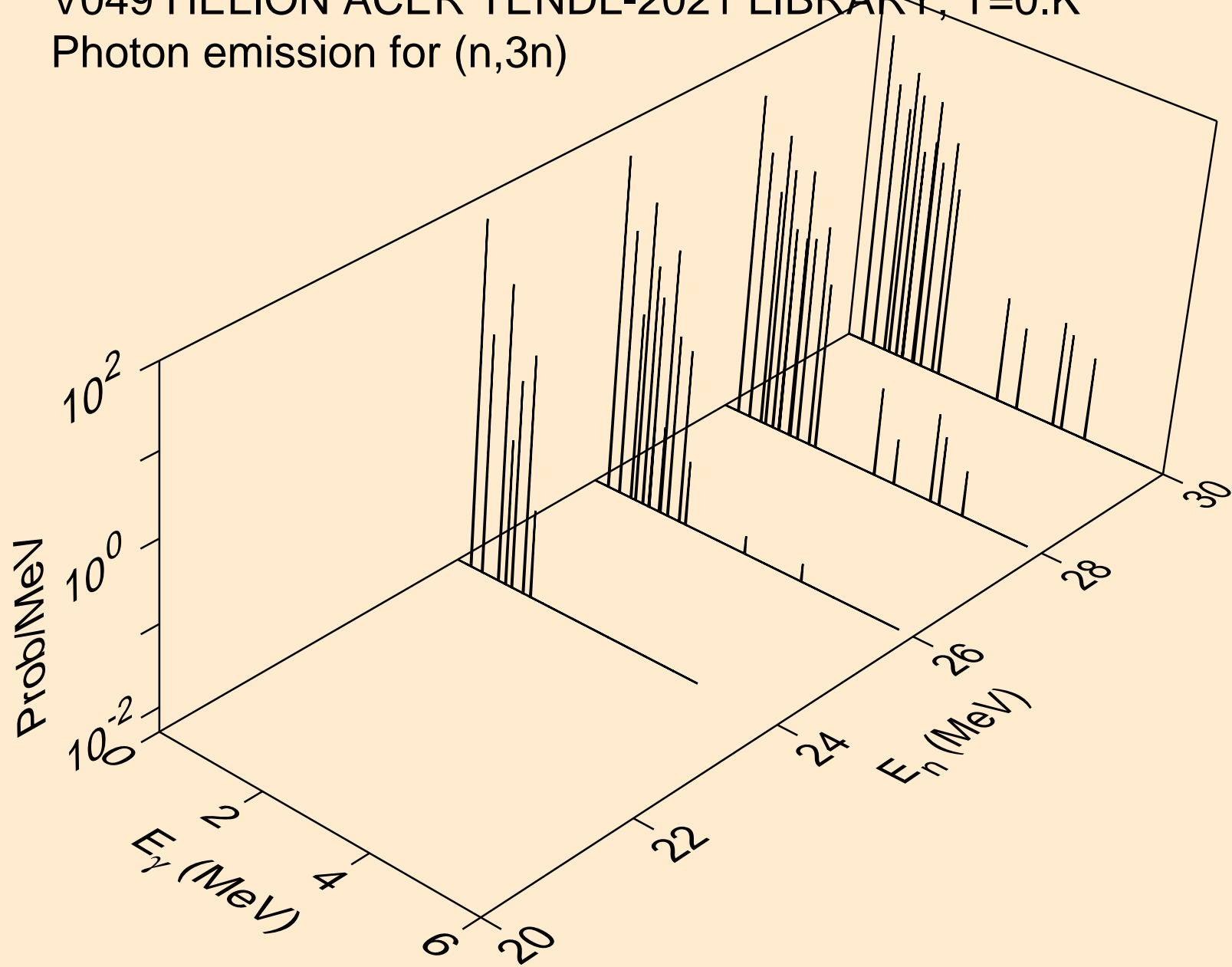
V049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)



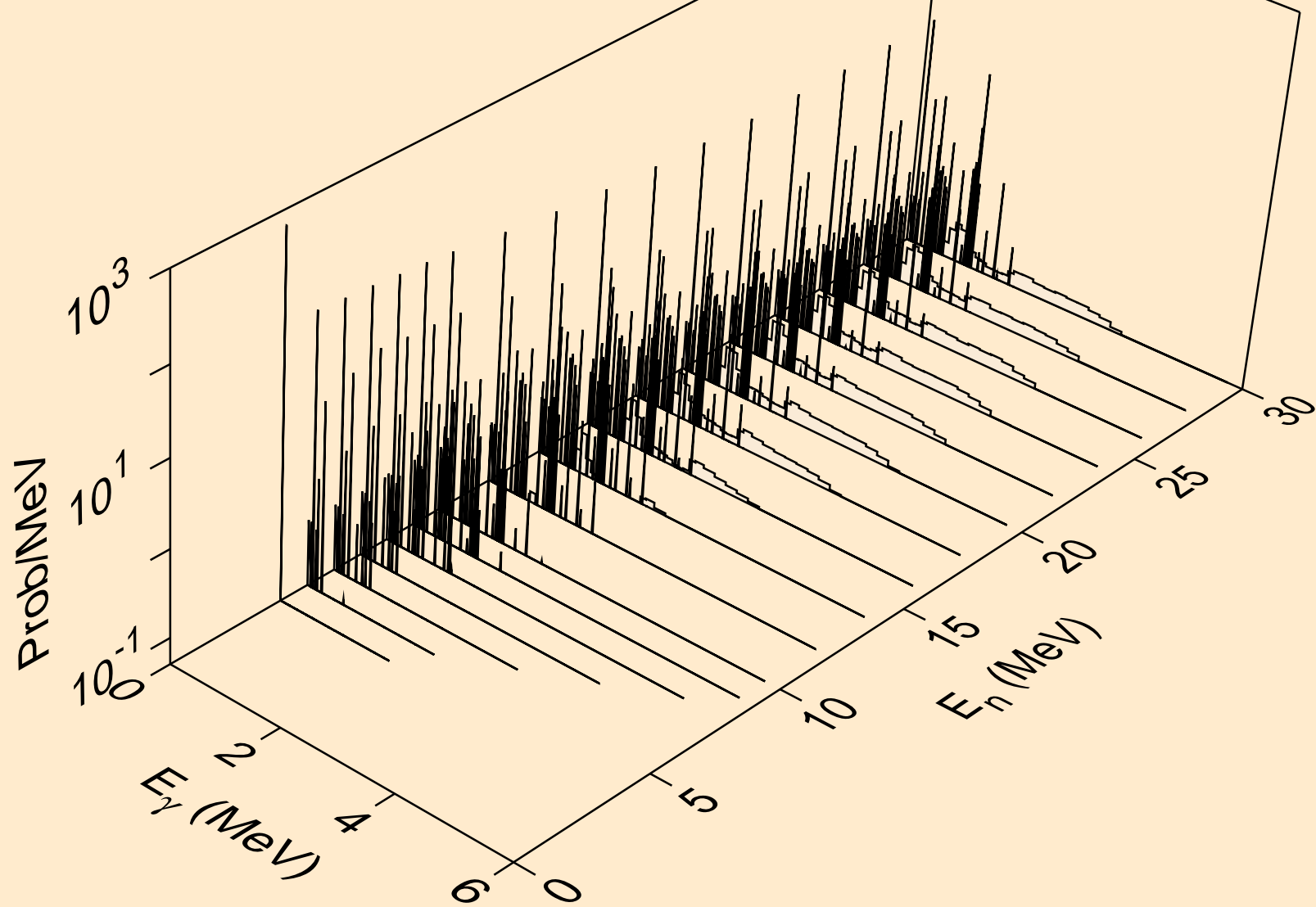
V049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



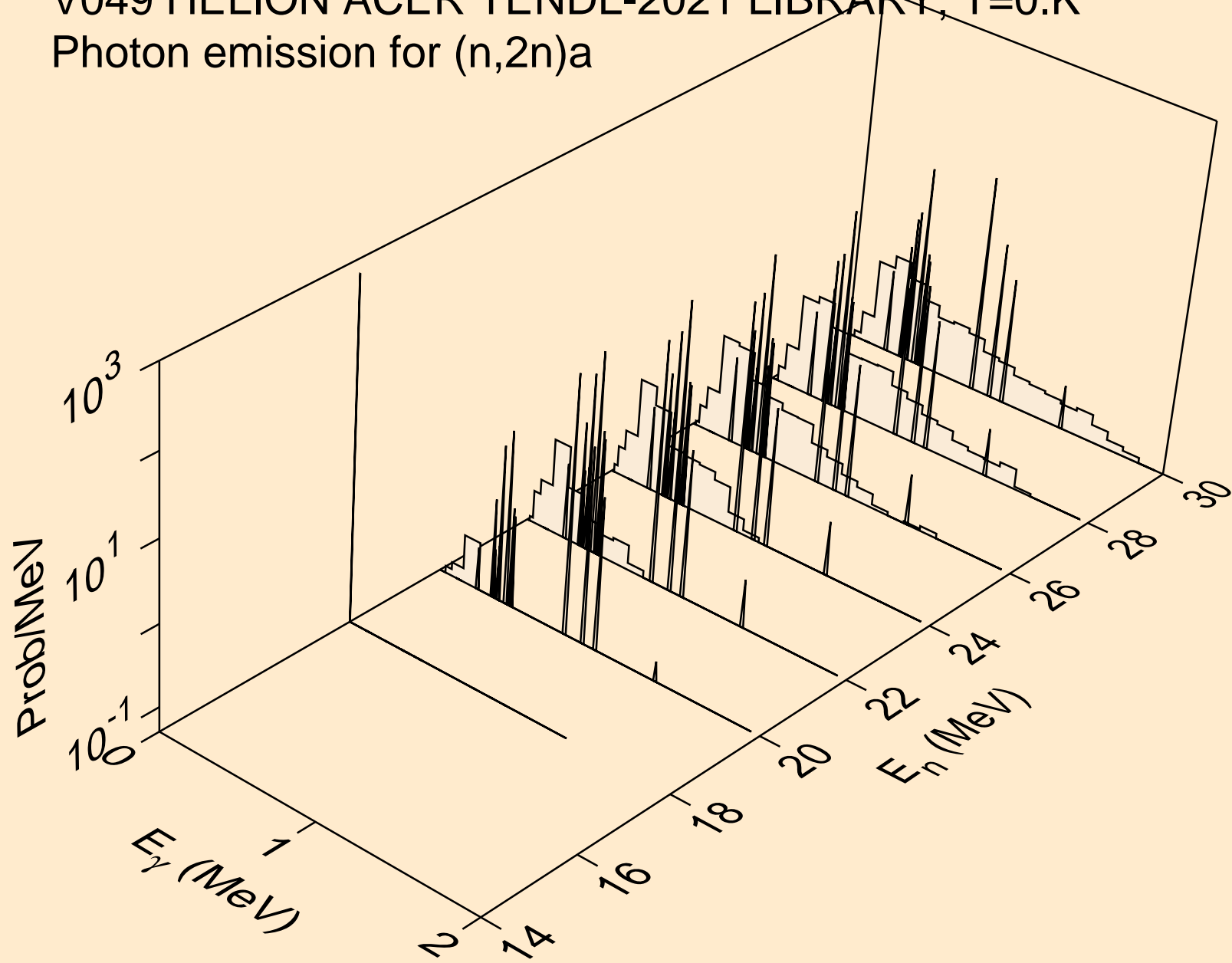
V049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



V049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

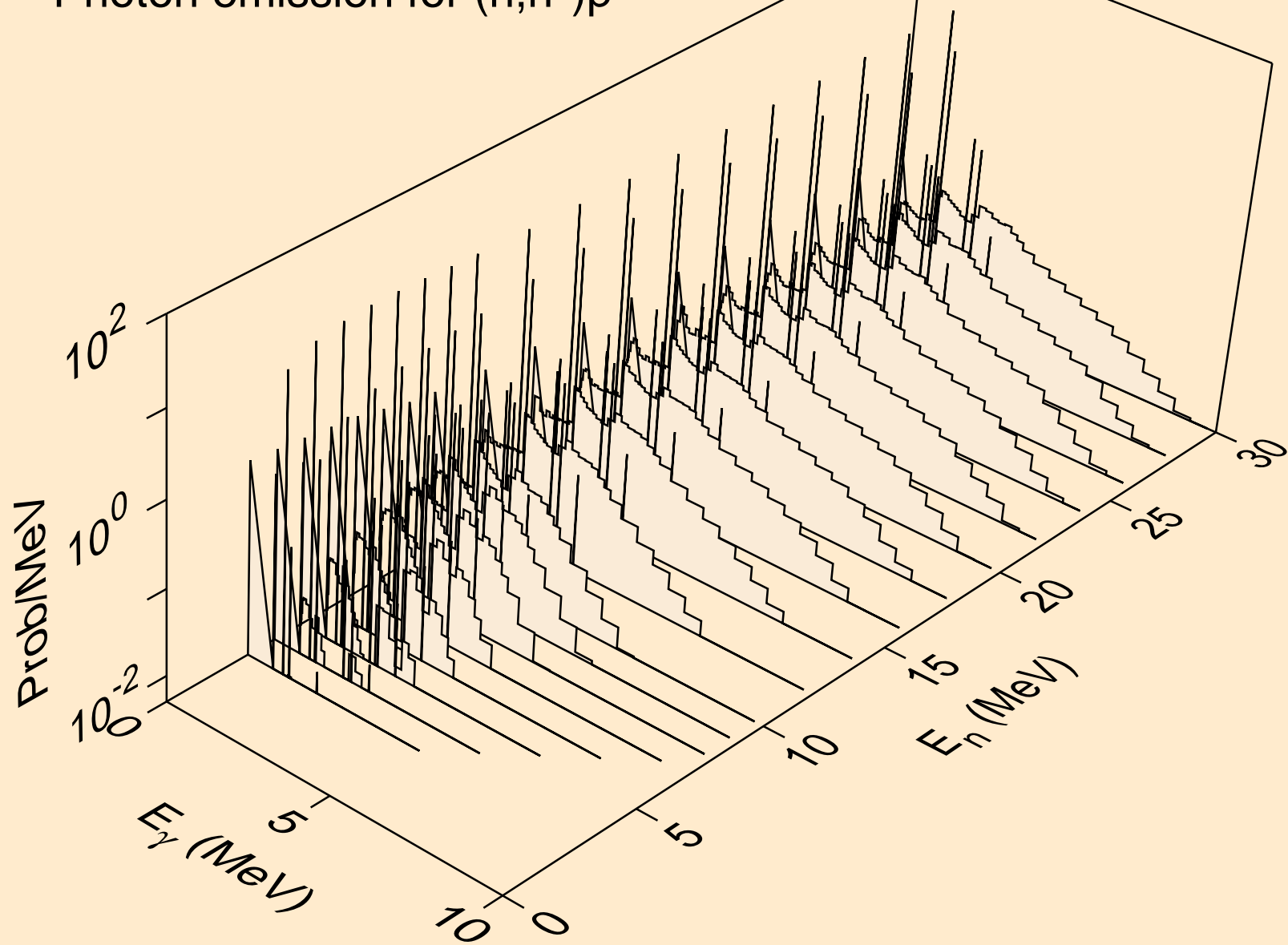


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Photon emission for (n,2n)a

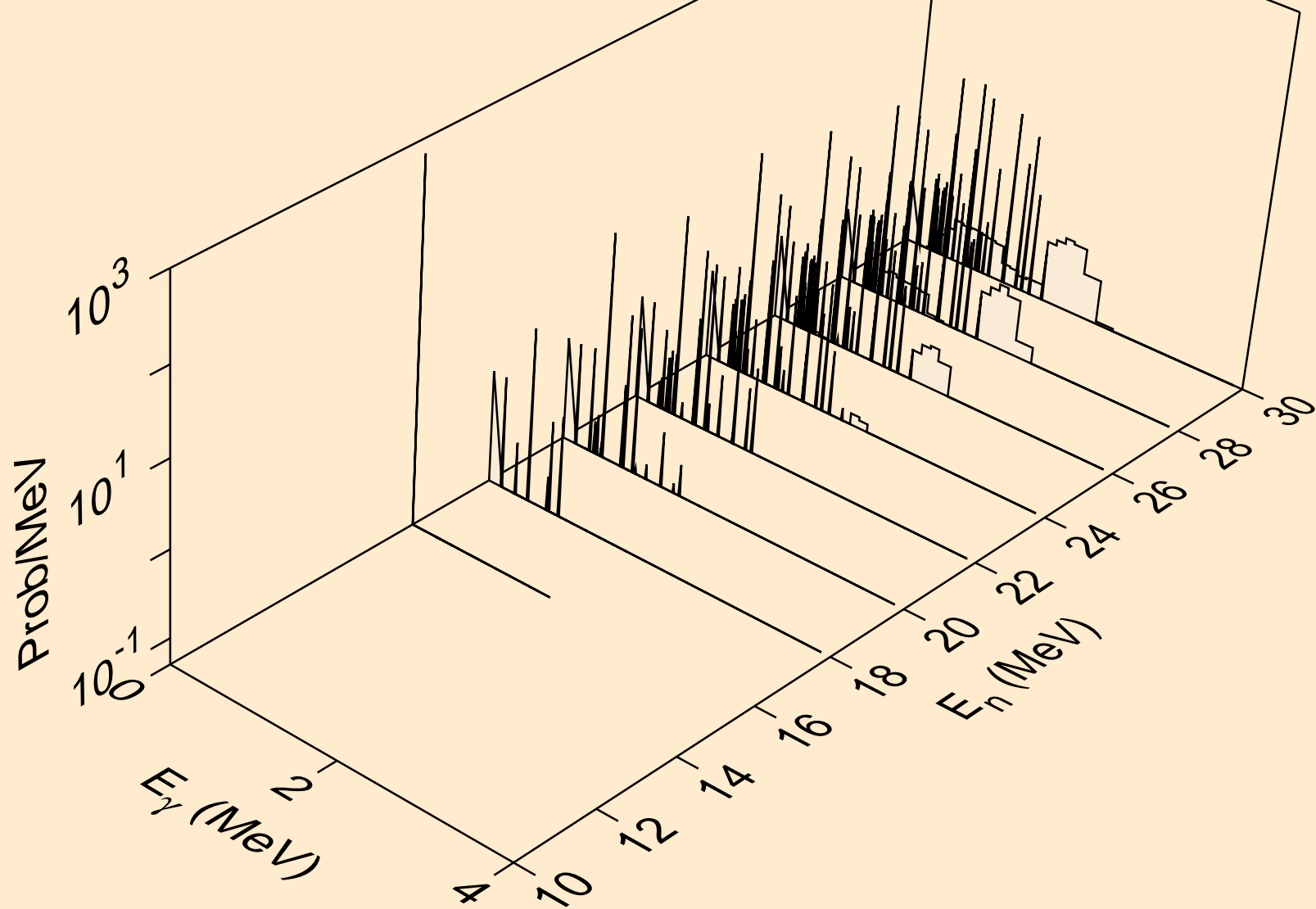




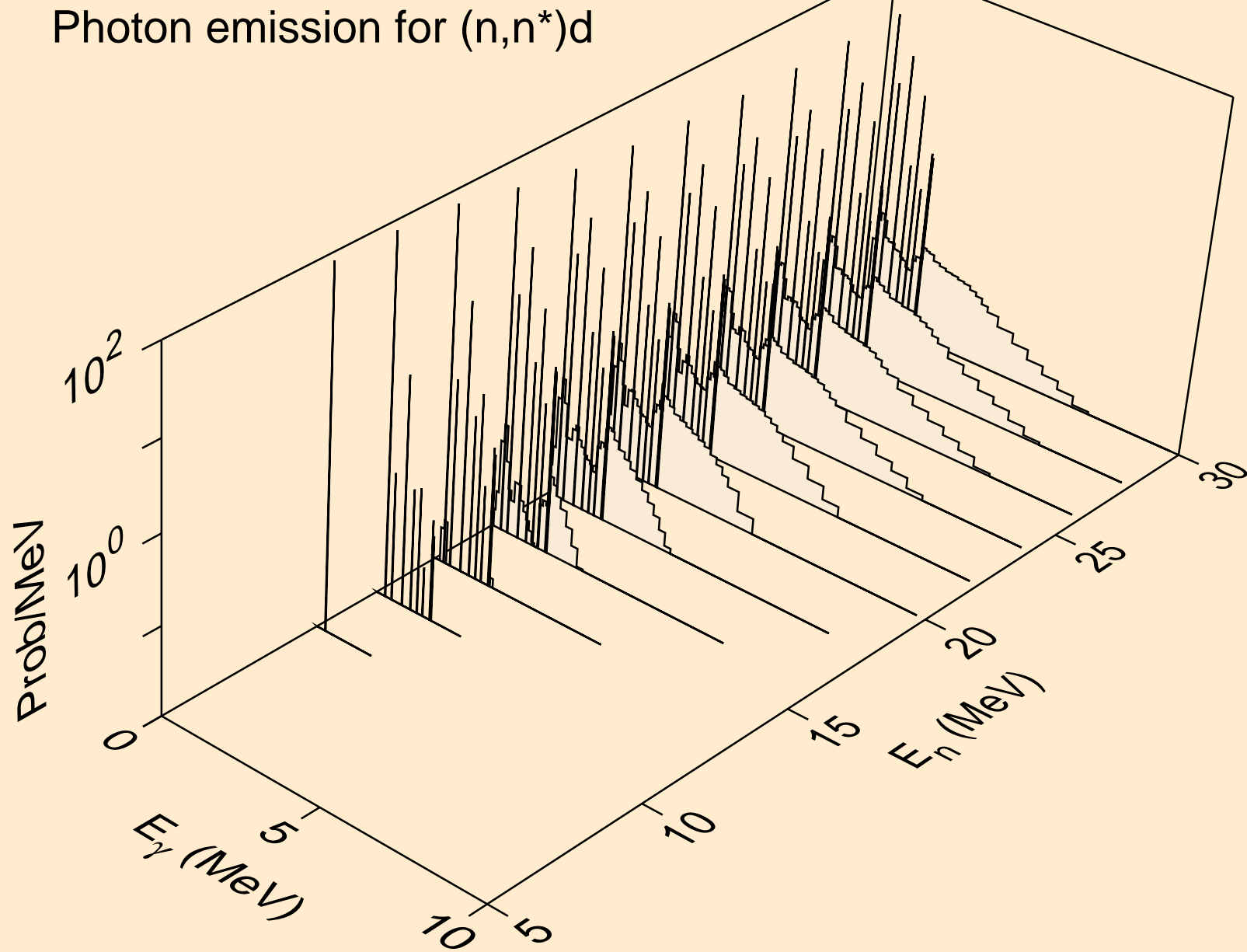
V049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



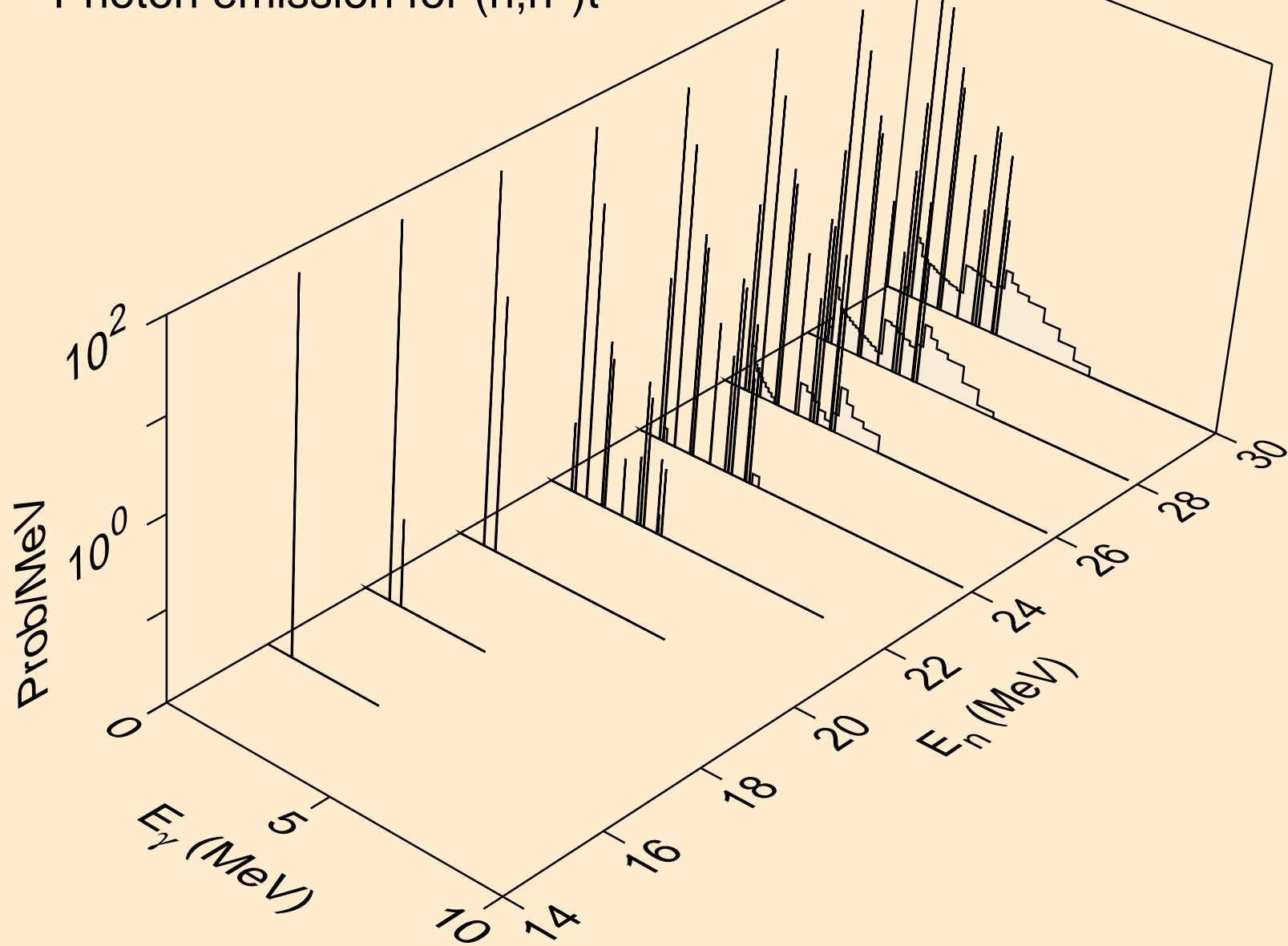
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Photon emission for (n,n\*)2a



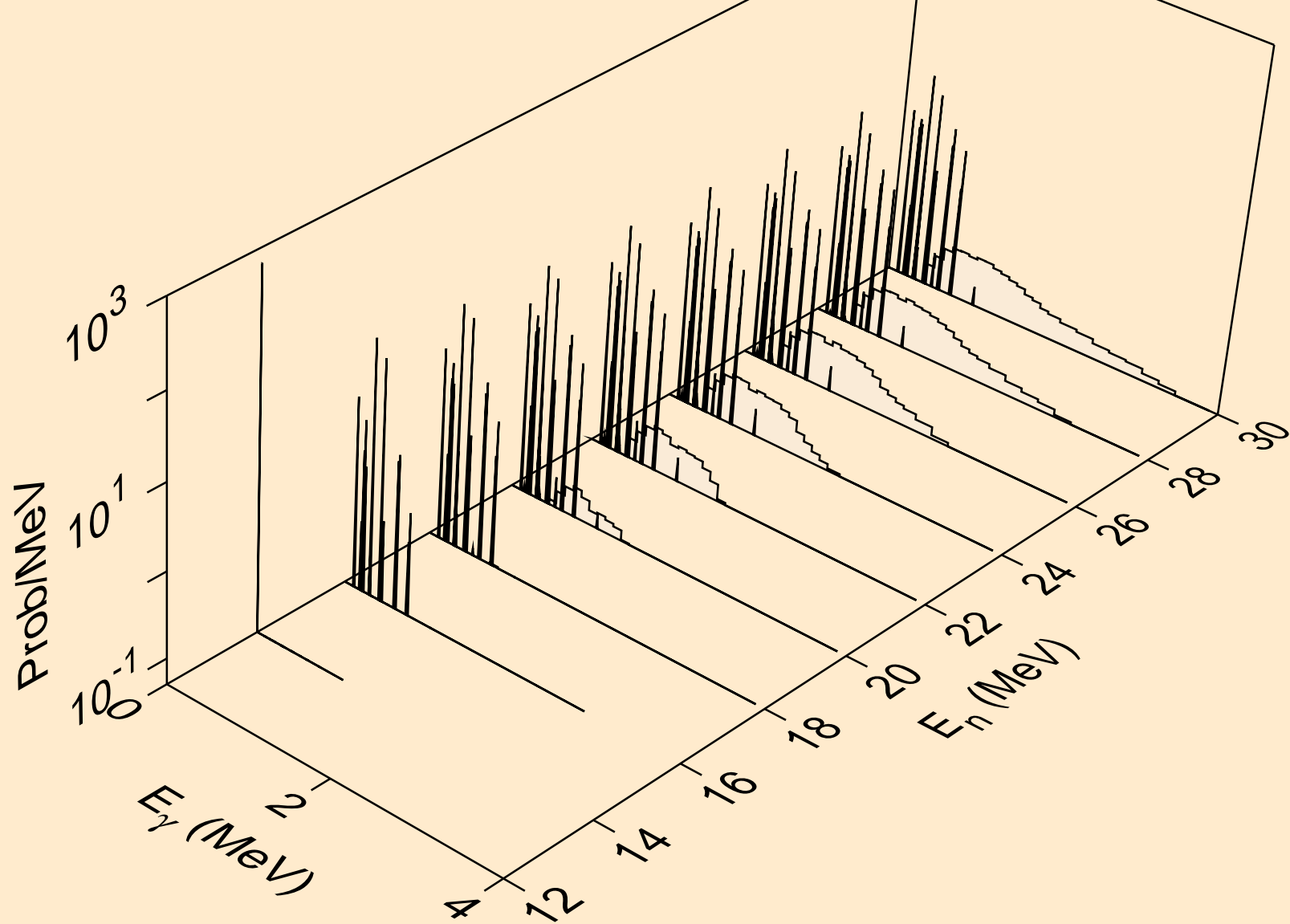
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Photon emission for (n,n\*)d



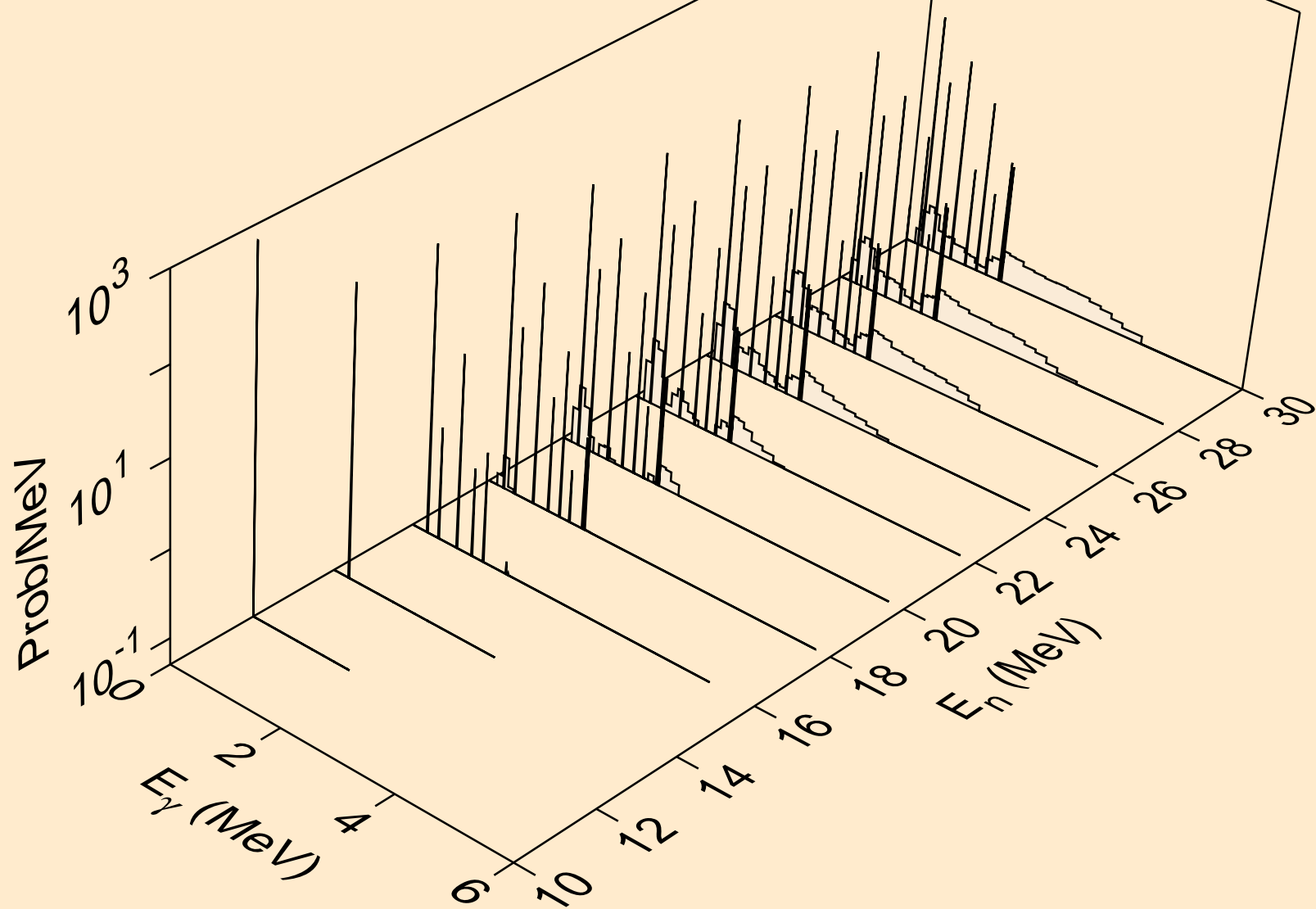
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Photon emission for (n,n\*)t



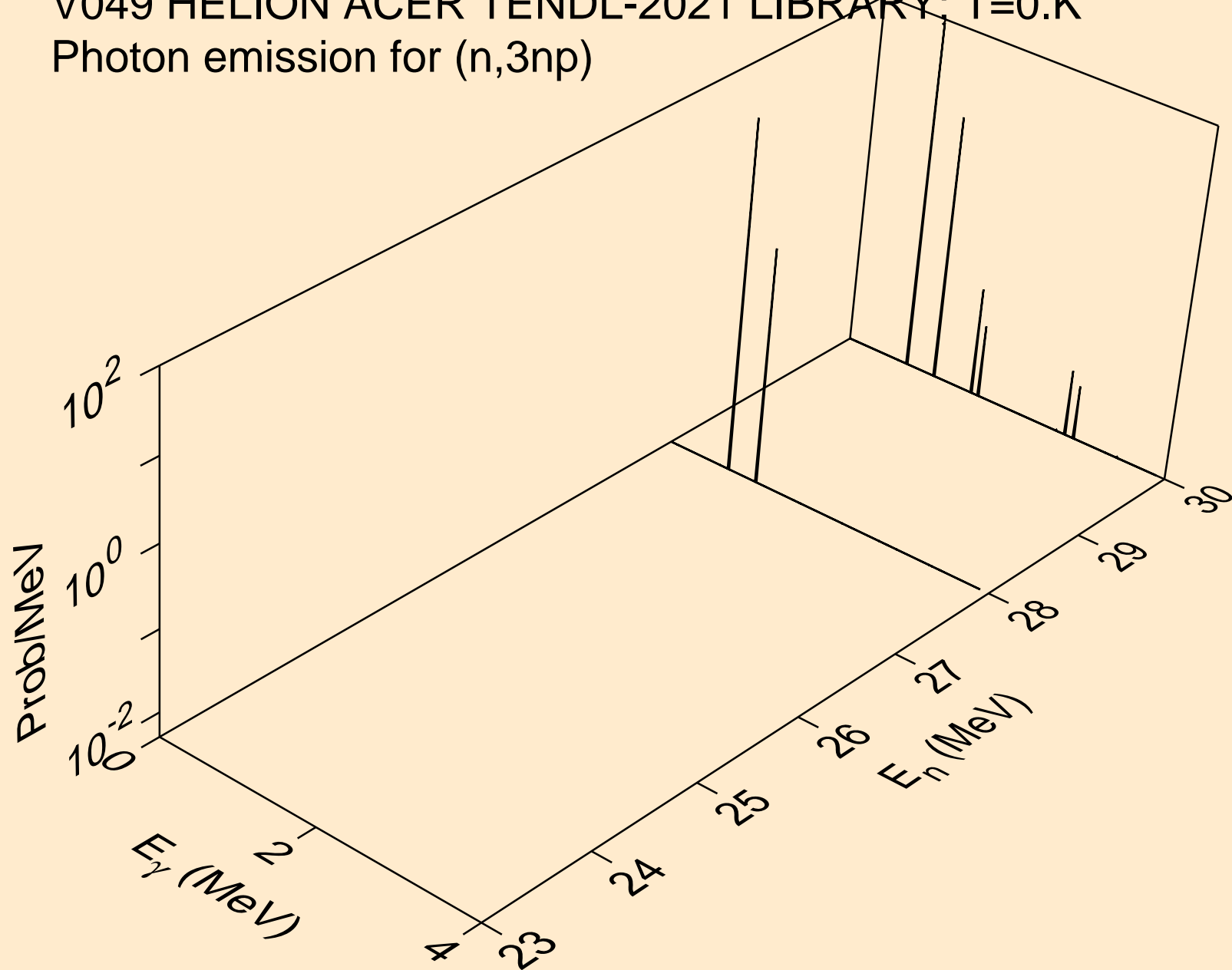
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Photon emission for (n,n\*)he3



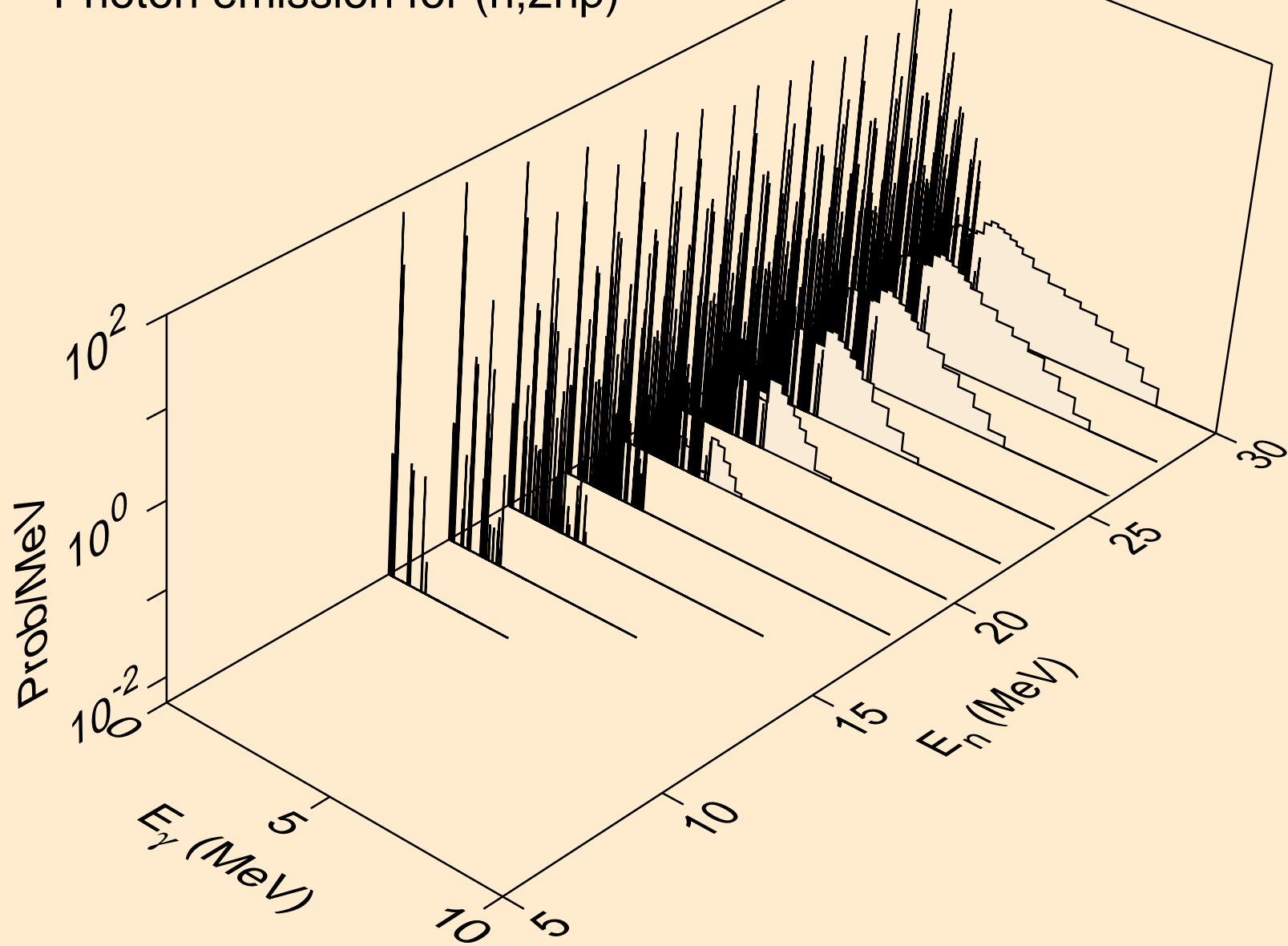
V049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



V049 HELION ACER TENDL-2021 LIBRARY: T=0.K  
Photon emission for (n,3np)

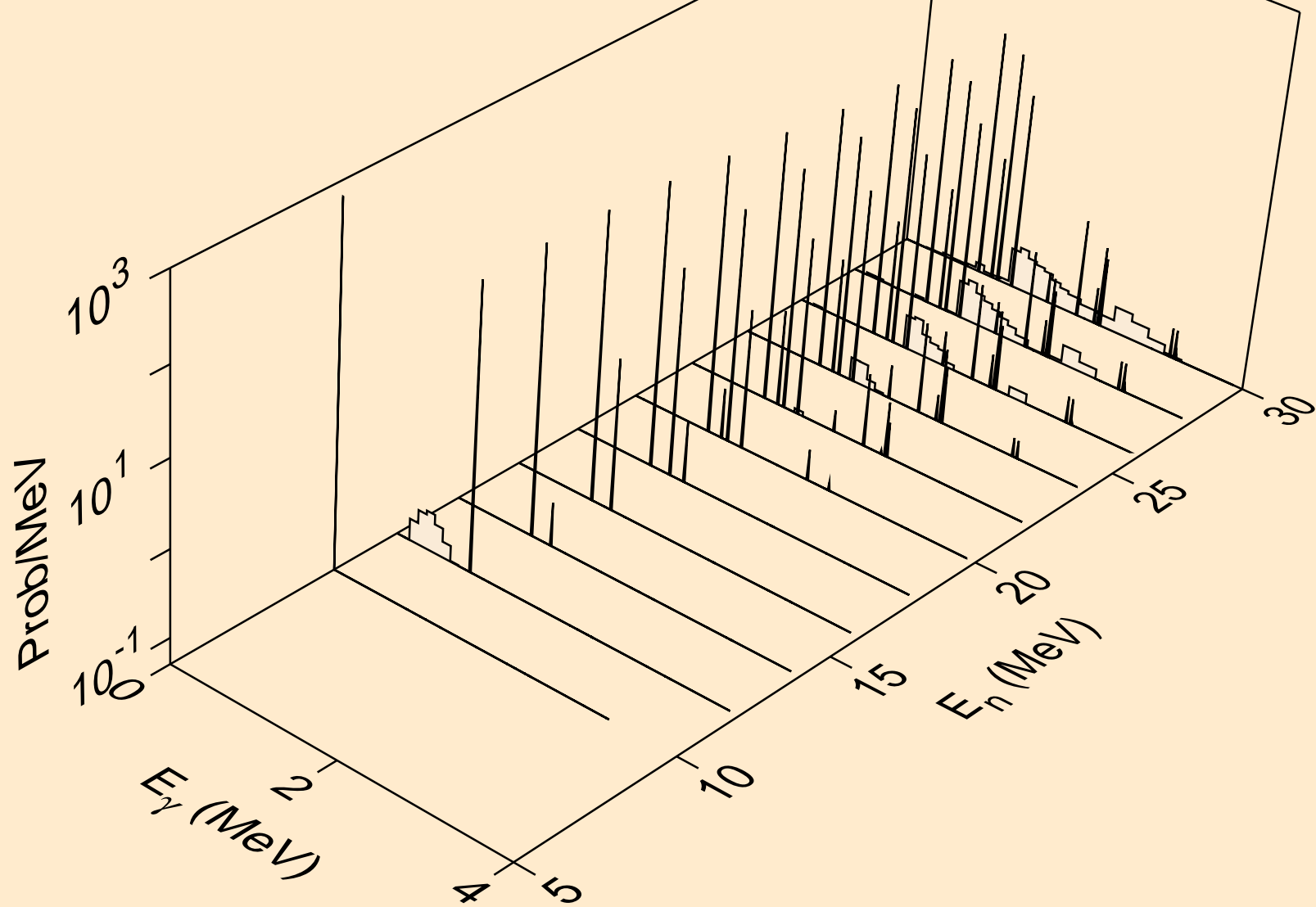


V049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)

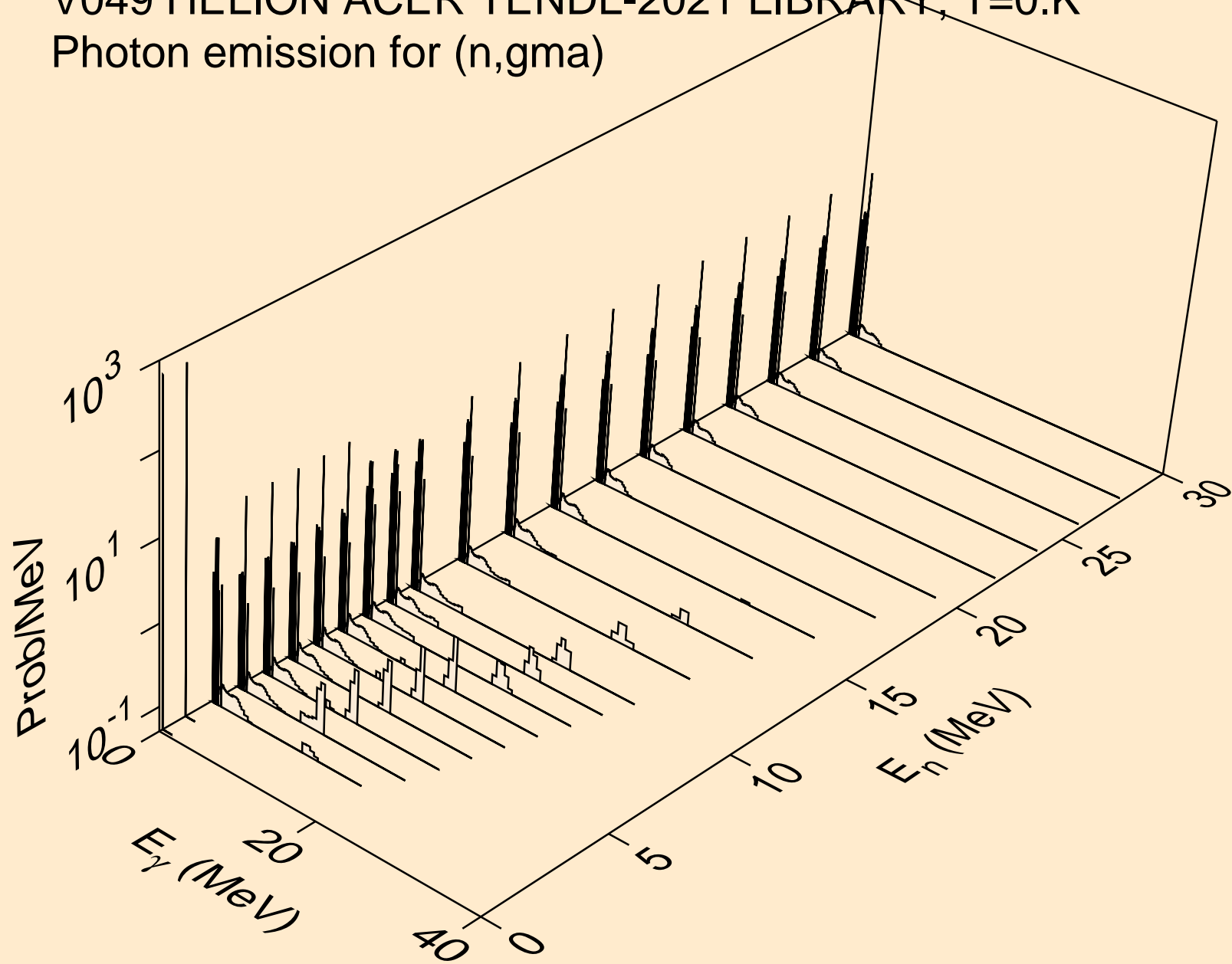




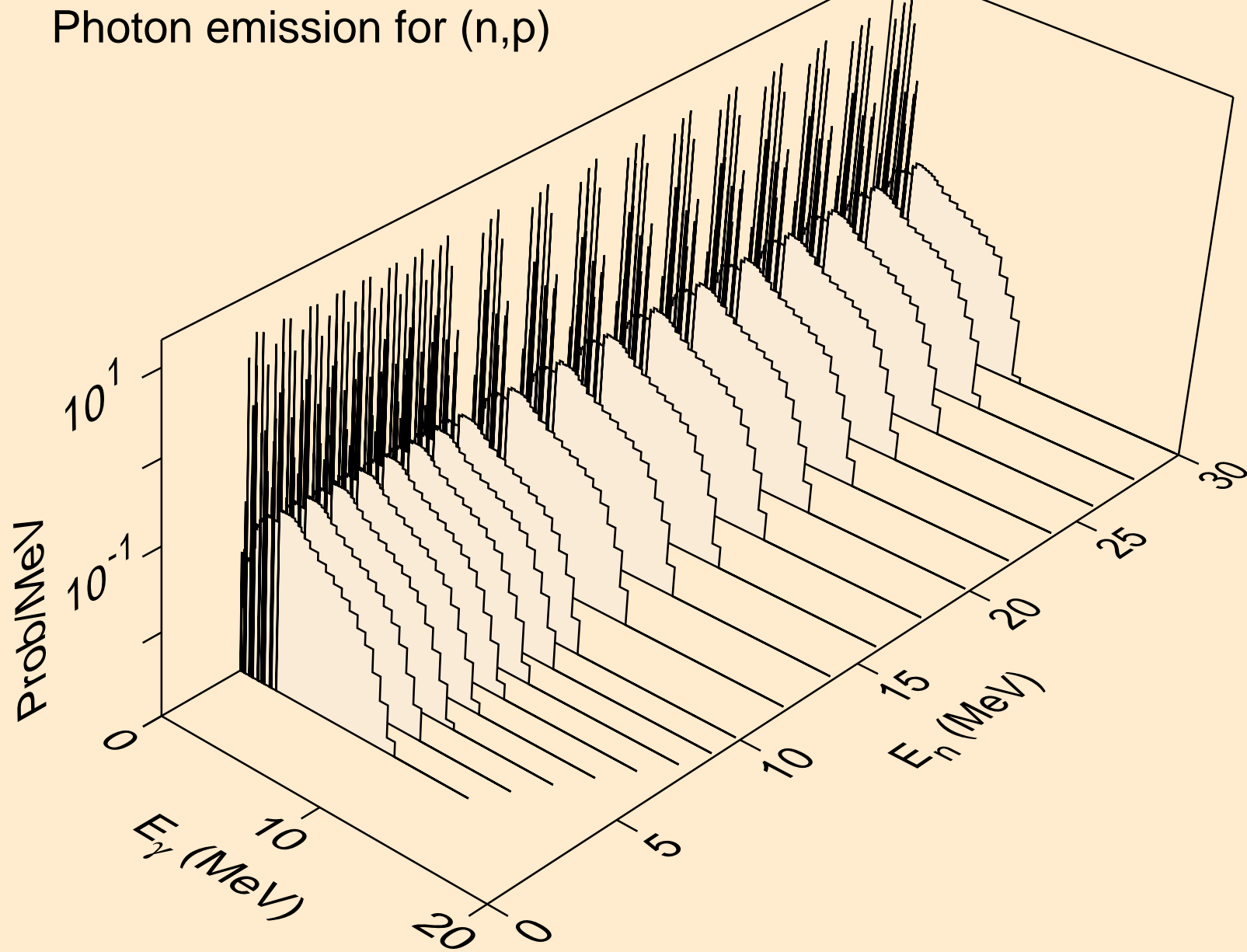
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Photon emission for (n,npa)



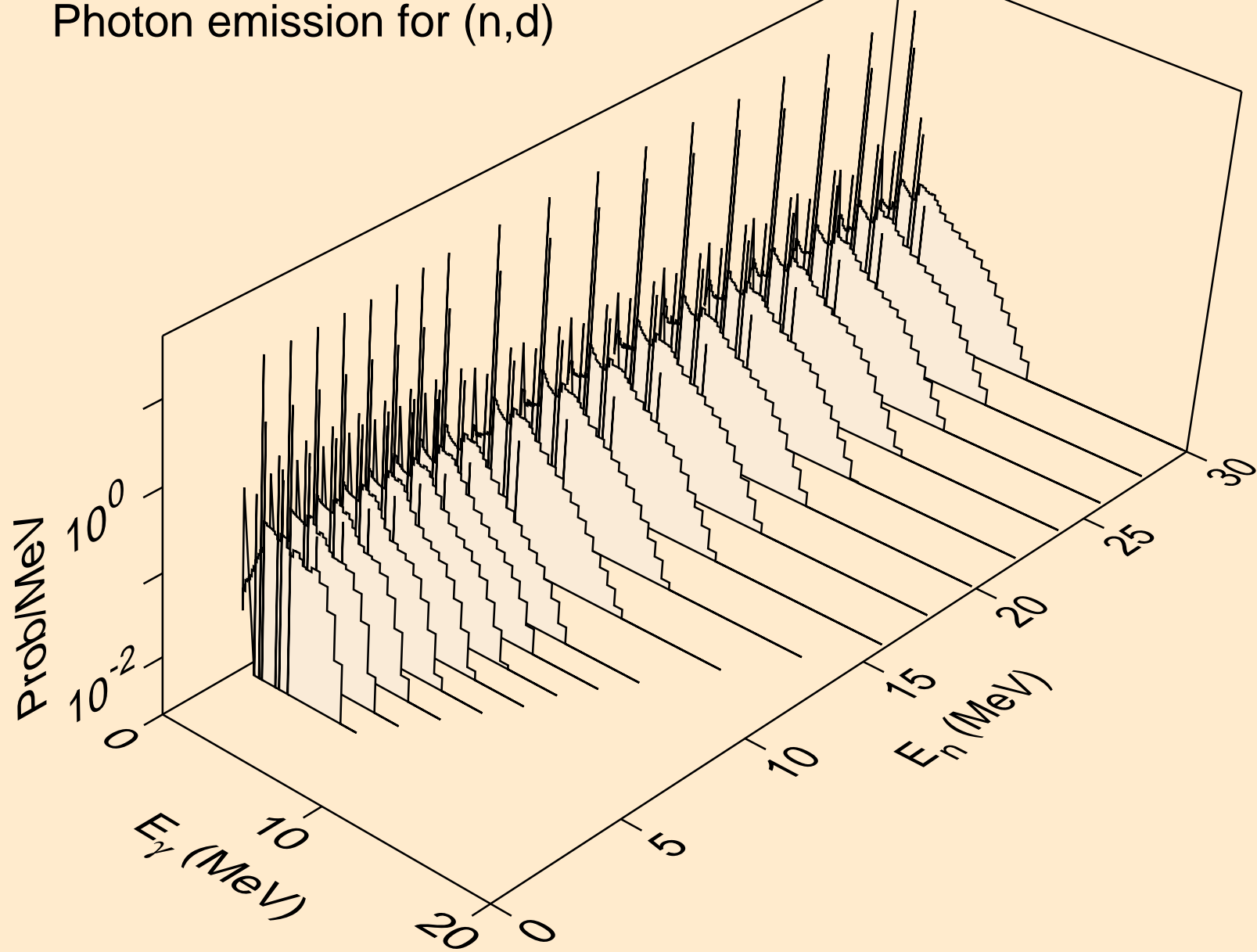
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Photon emission for (n,gma)



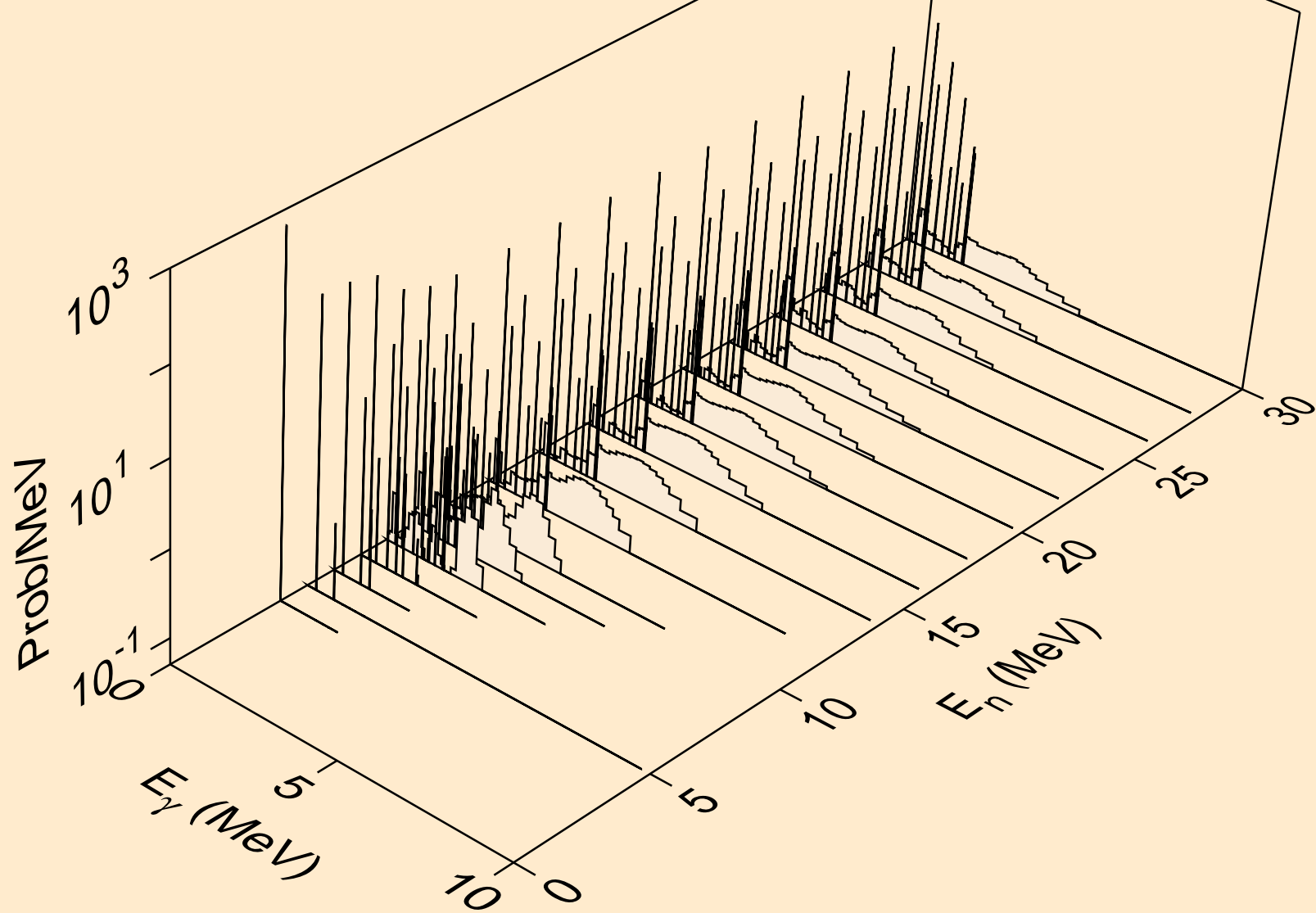
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Photon emission for (n,p)



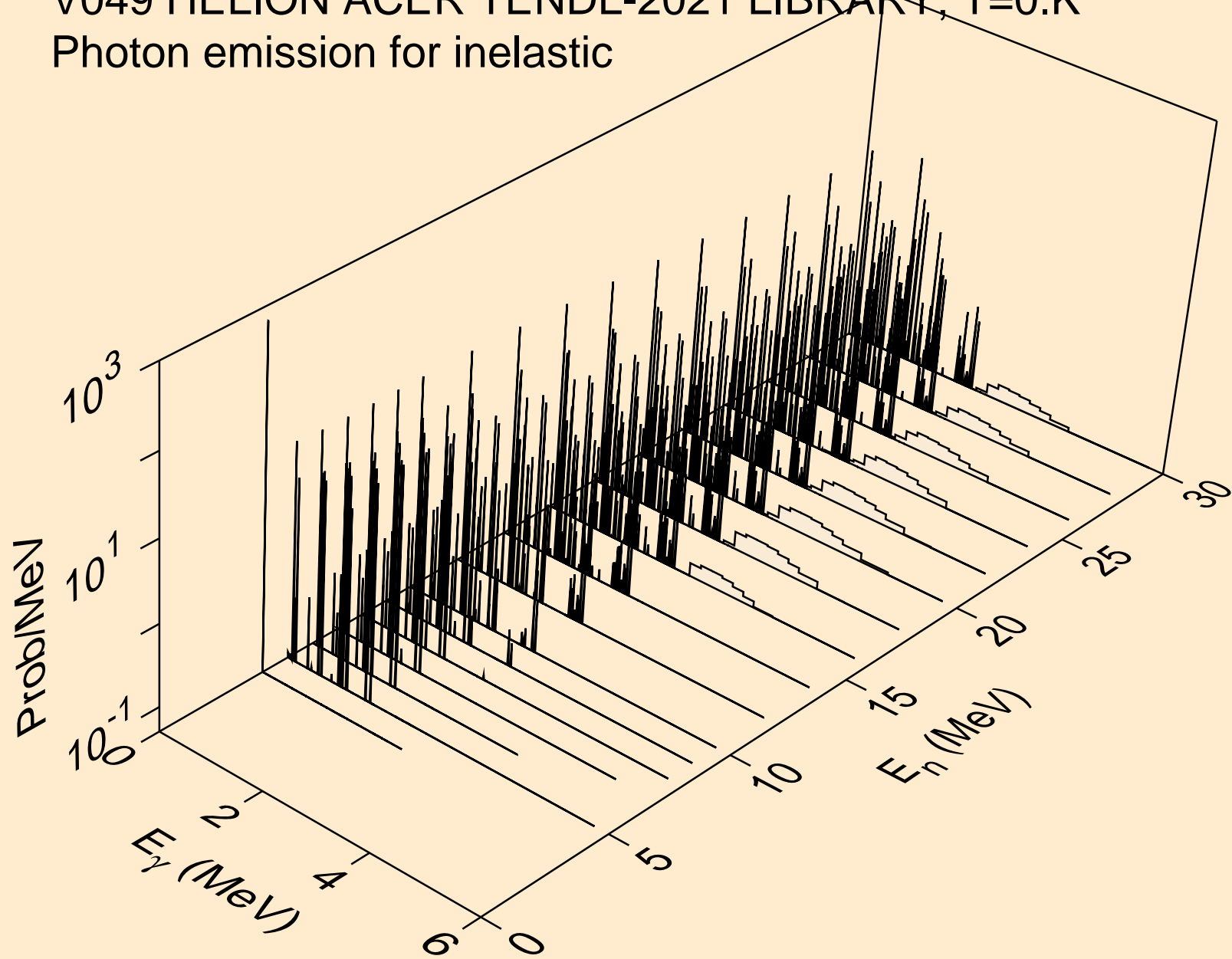
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Photon emission for (n,d)



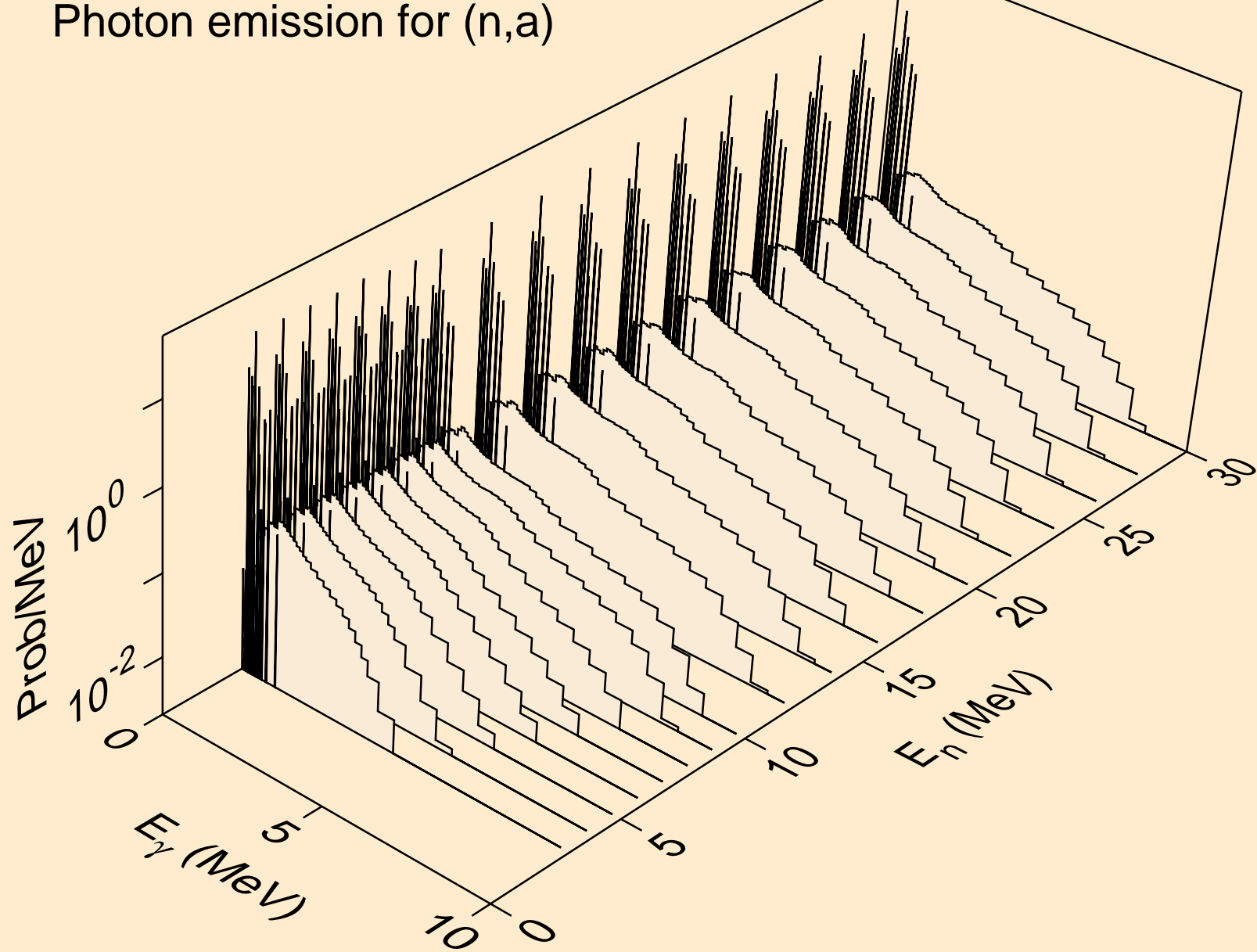
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Photon emission for (n,t)



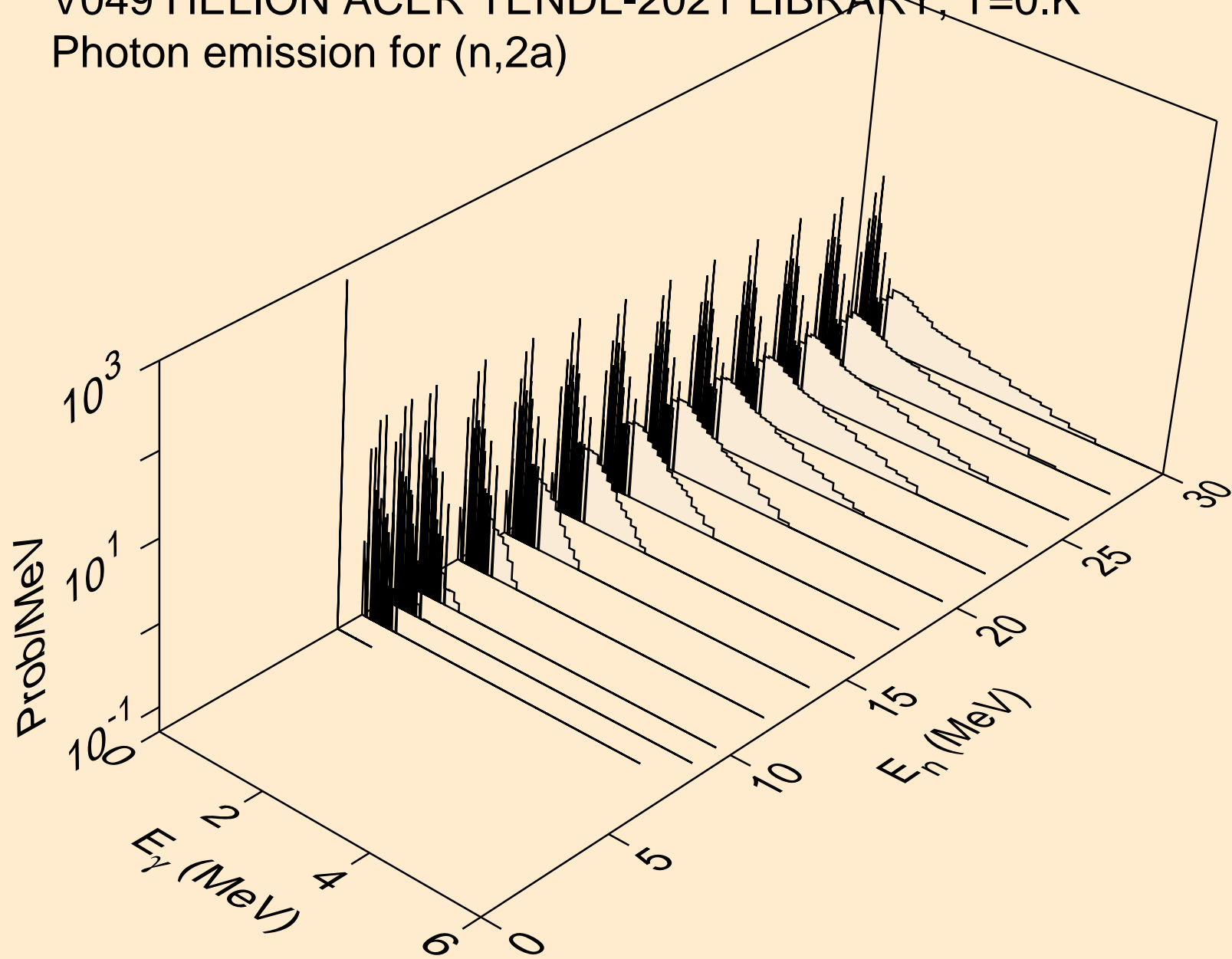
V049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



V049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,a)

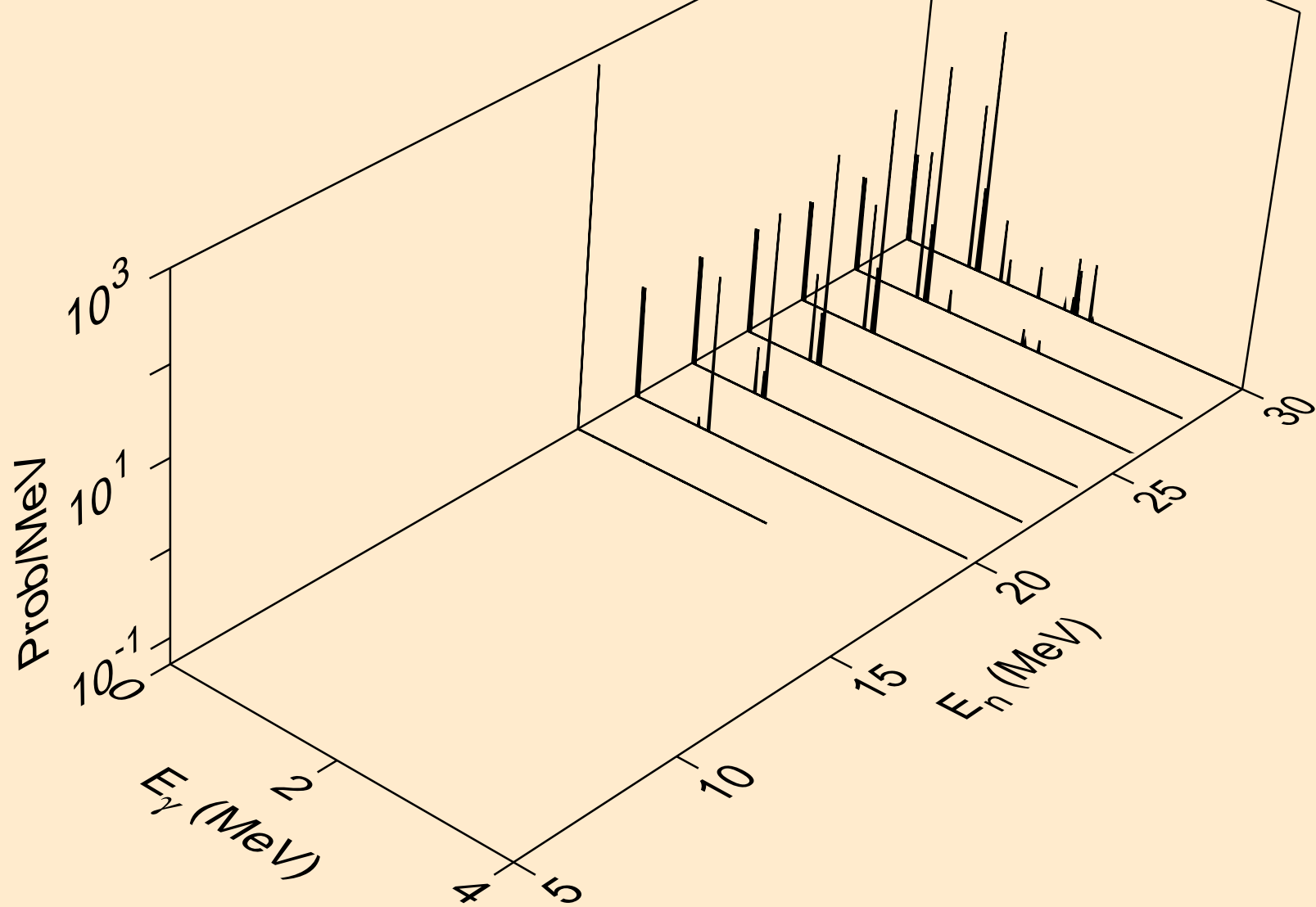


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Photon emission for (n,2a)

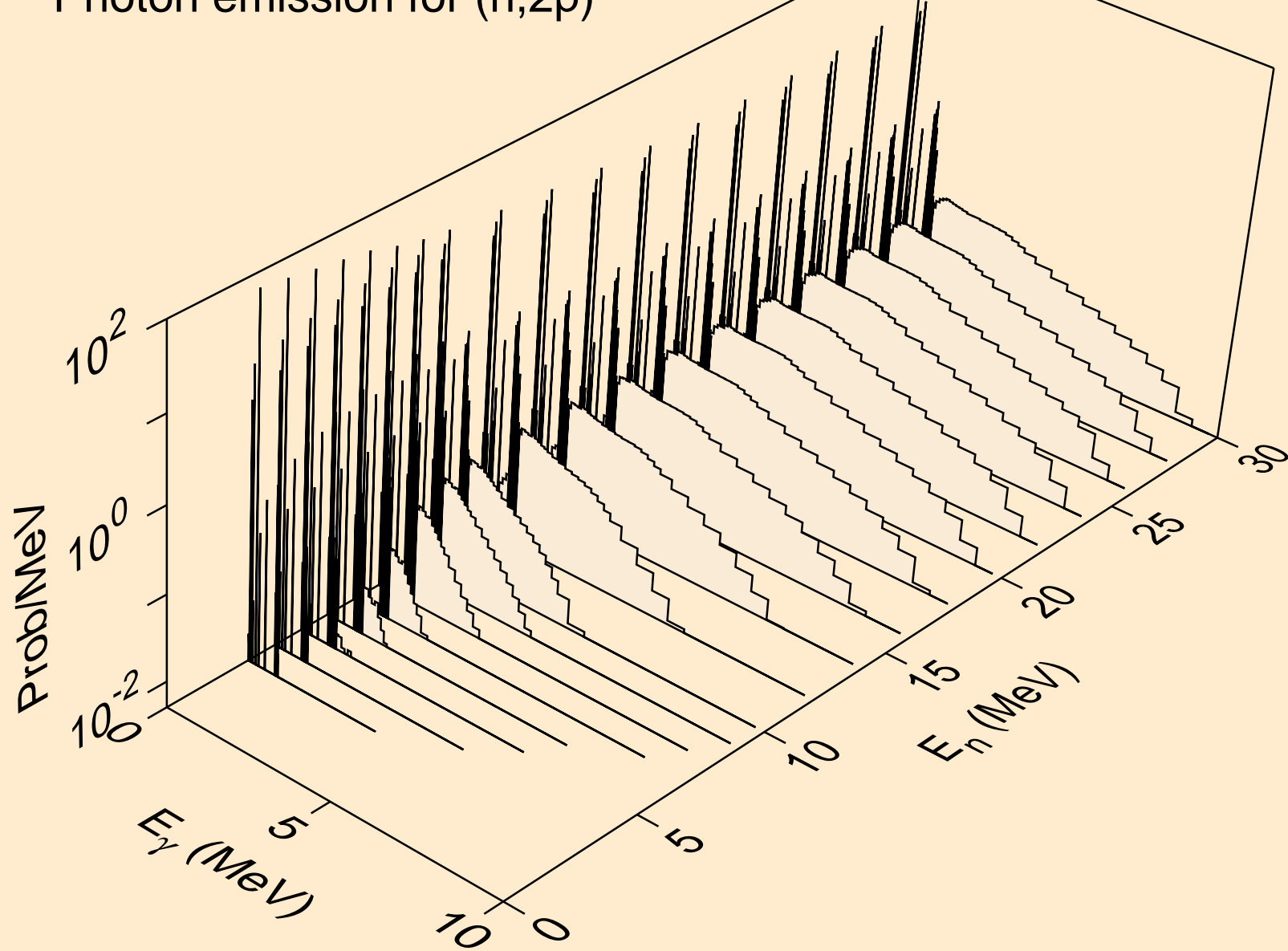




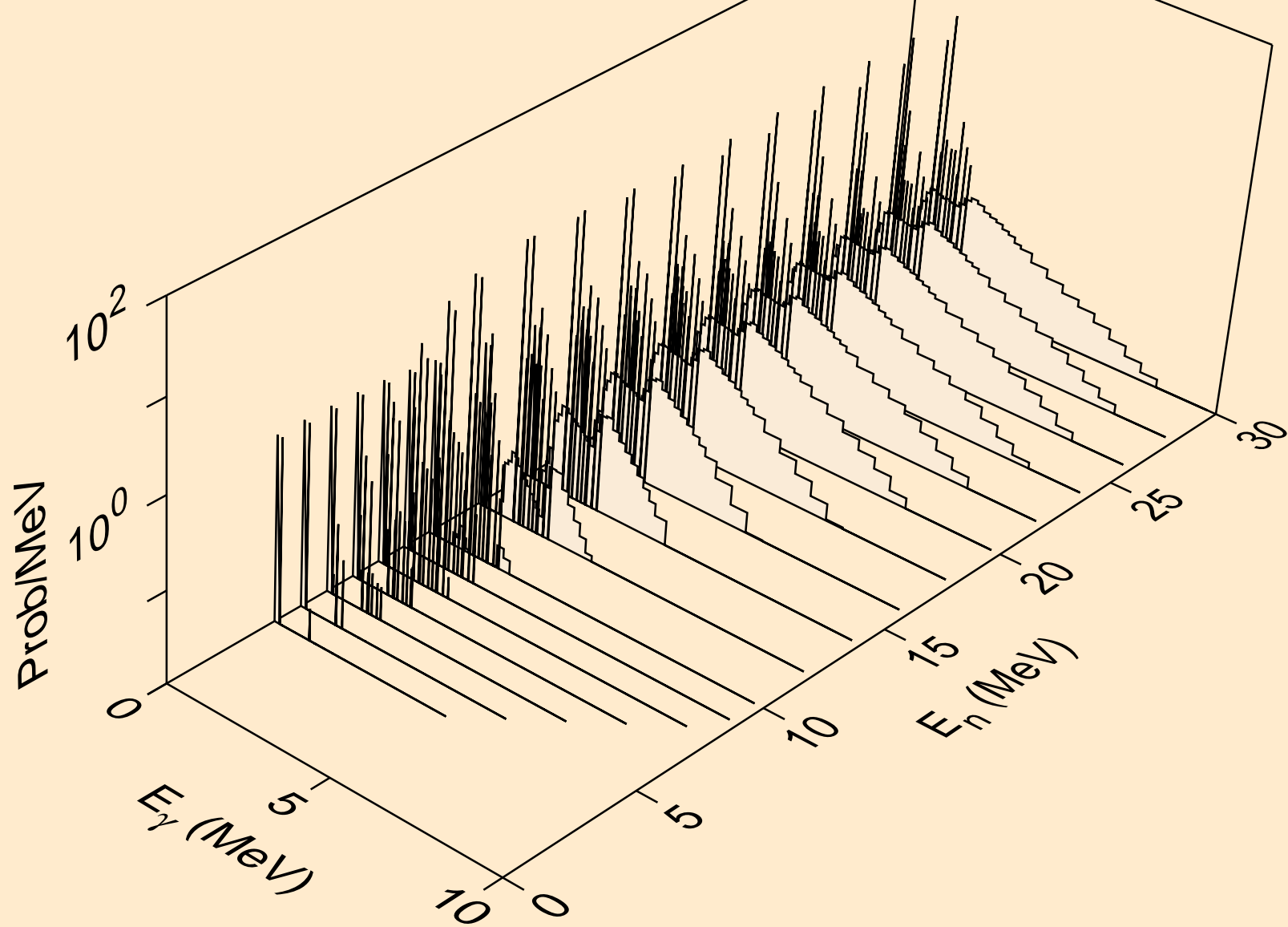
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Photon emission for (n,3a)



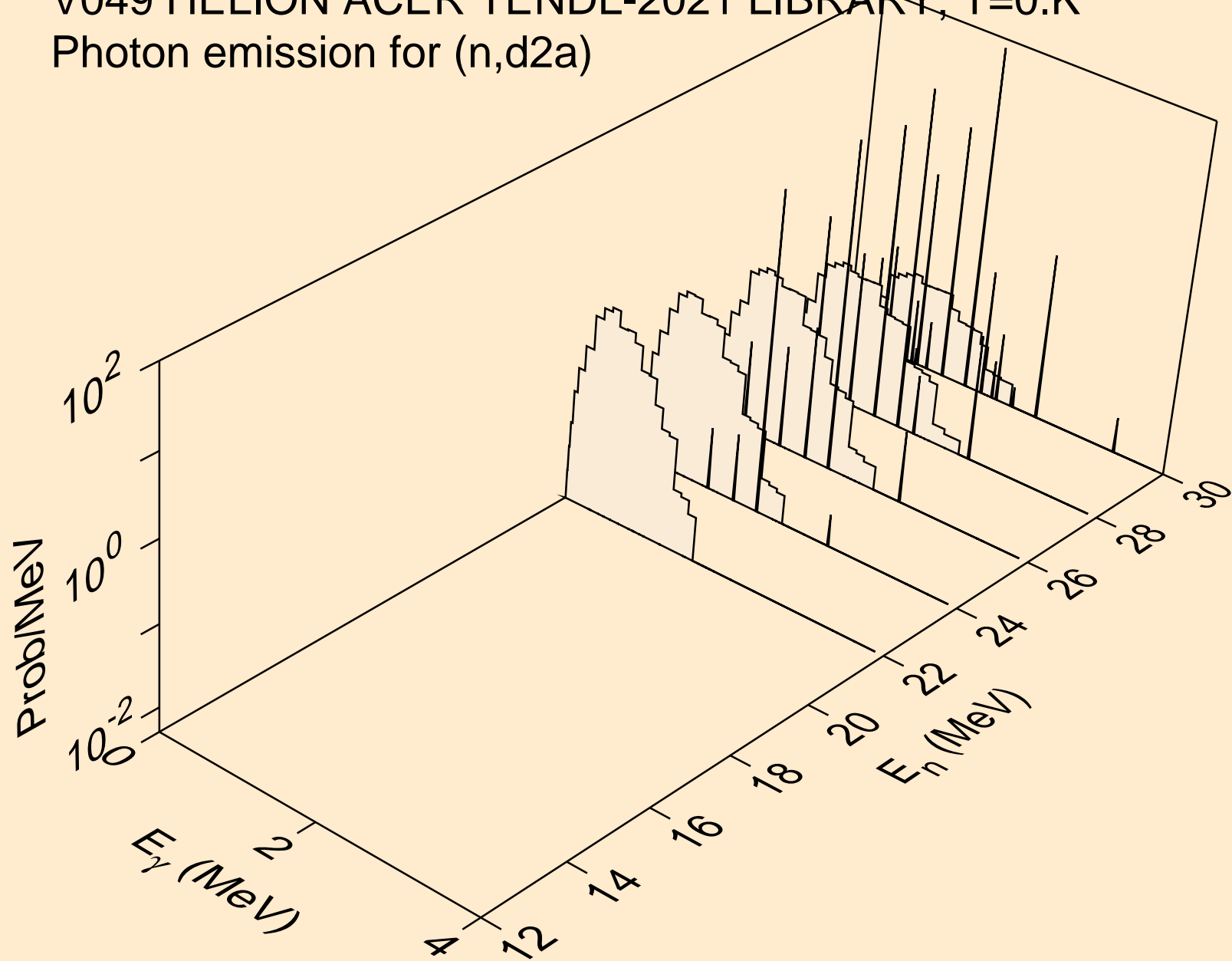
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Photon emission for (n,2p)



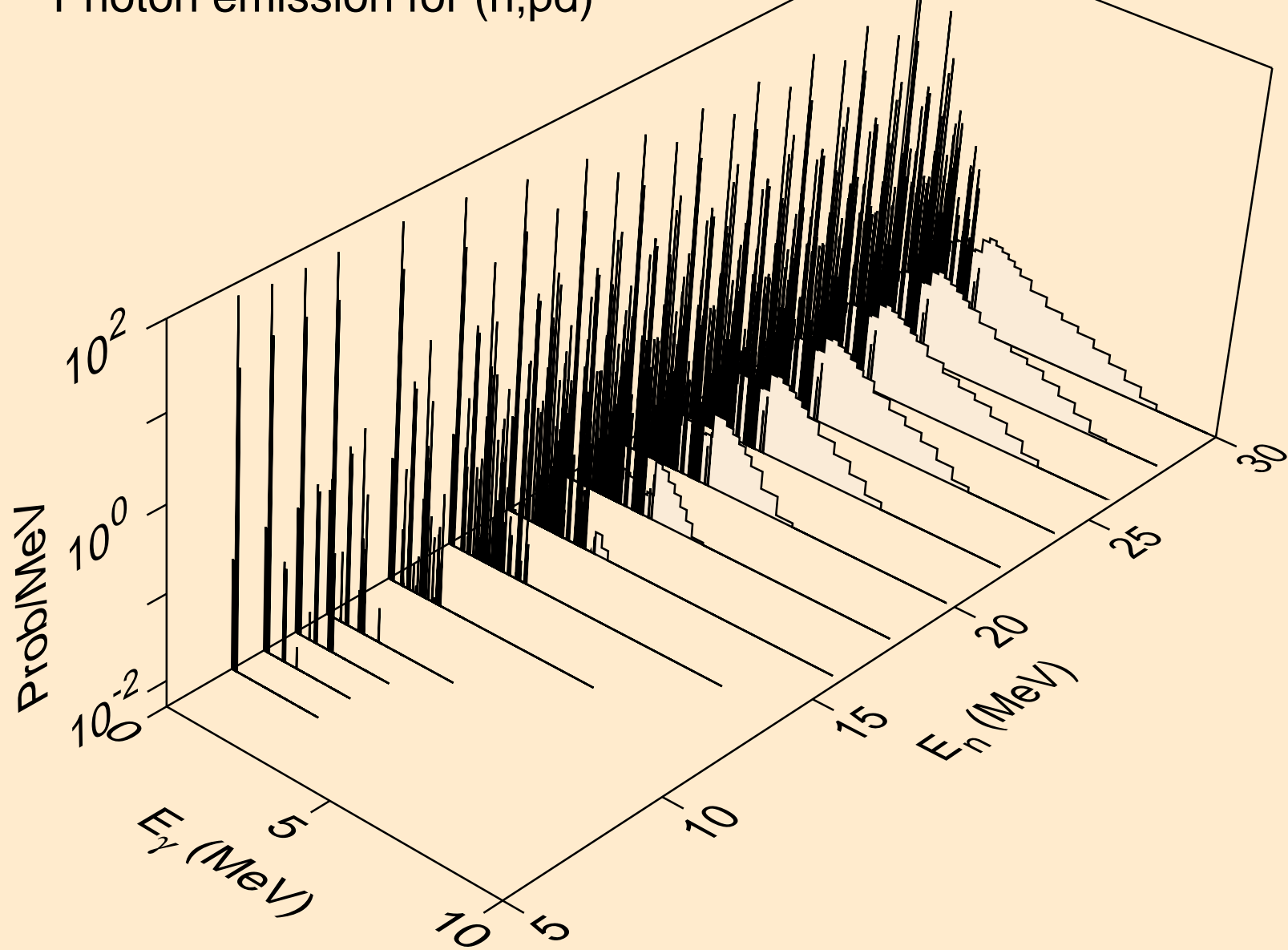
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Photon emission for (n,p $\alpha$ )



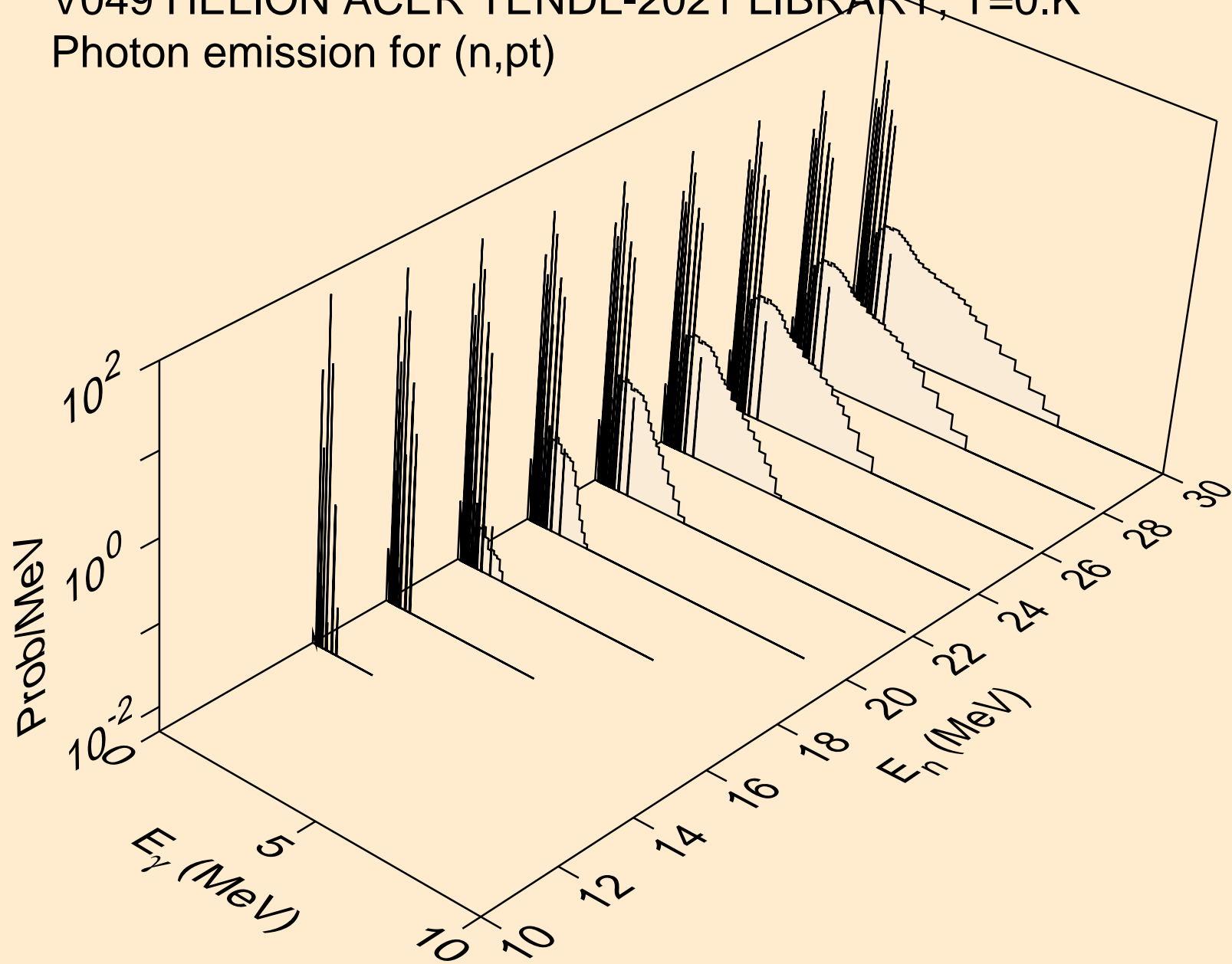
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Photon emission for (n,d2a)



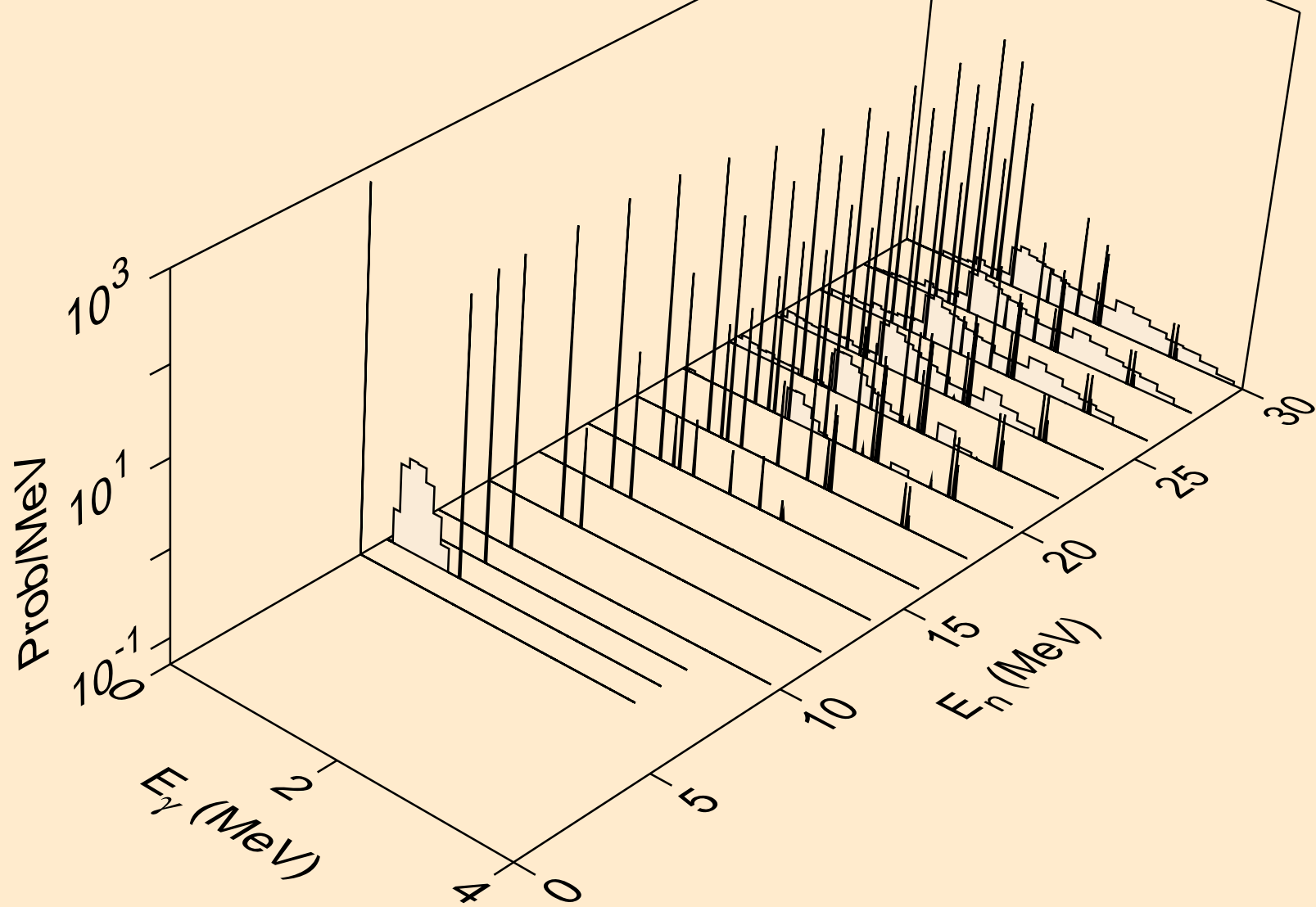
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Photon emission for (n,pd)



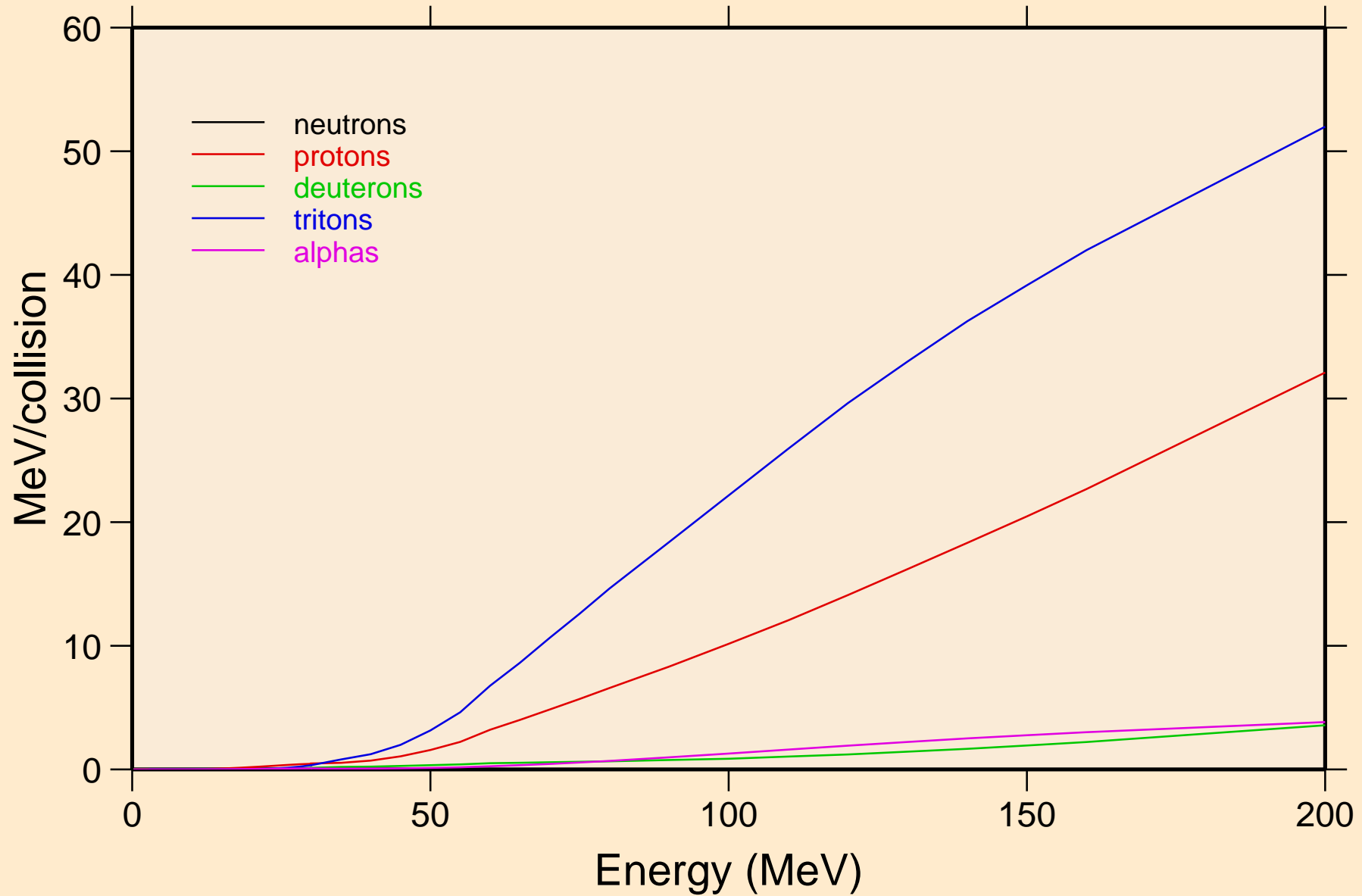
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Photon emission for (n,pt)



V049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,da)

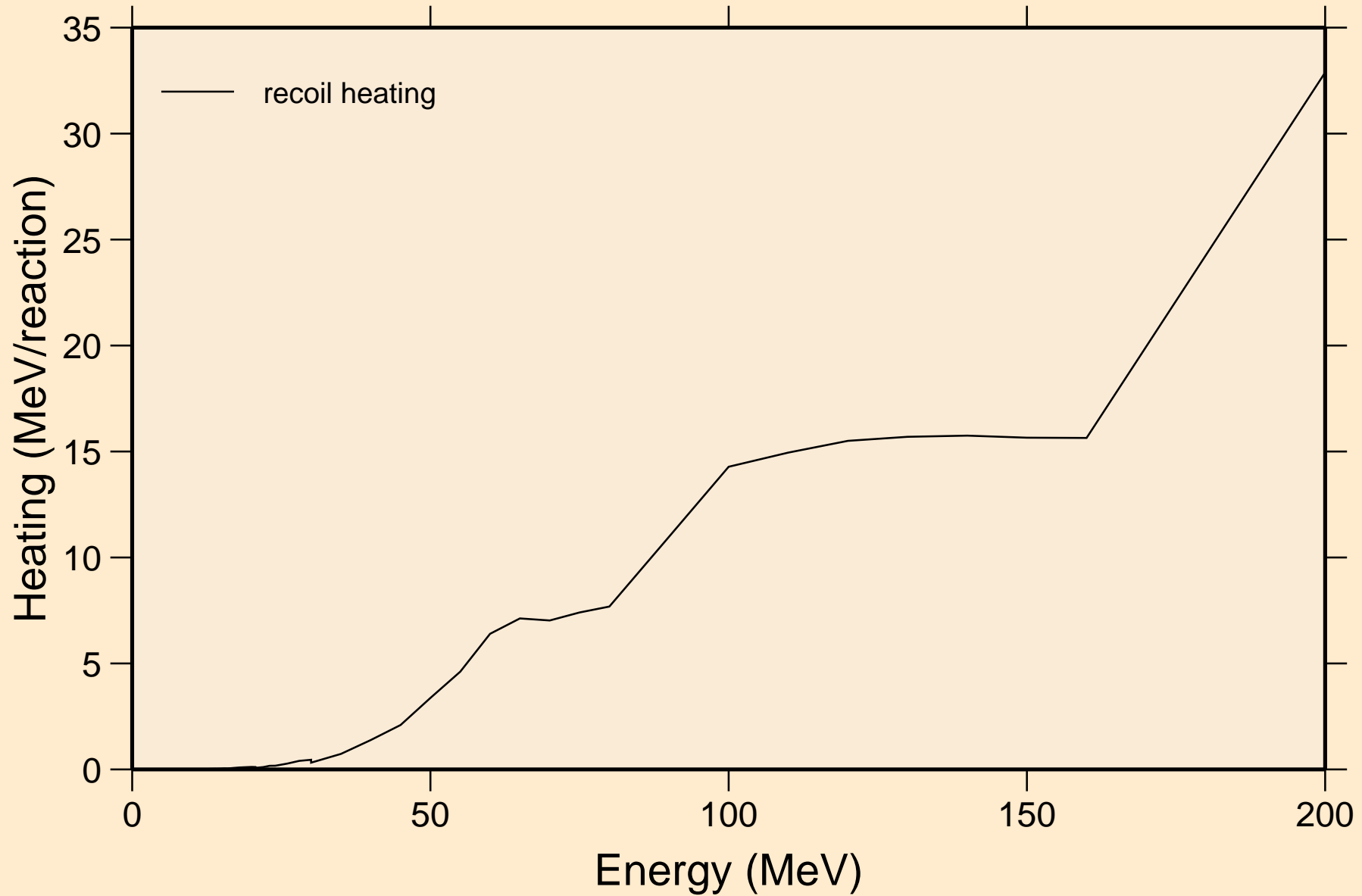


V049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Particle heating contributions



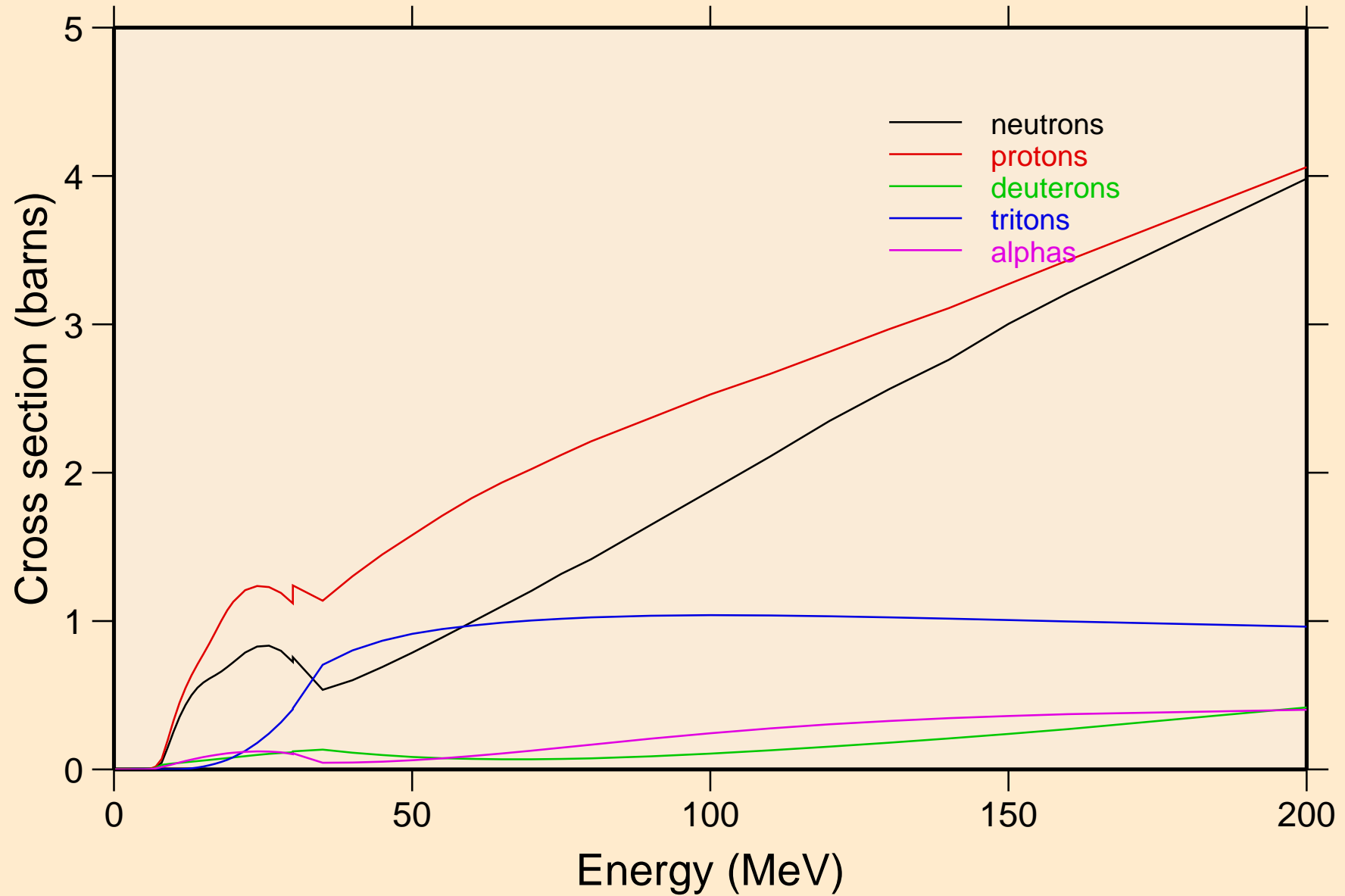


V049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating

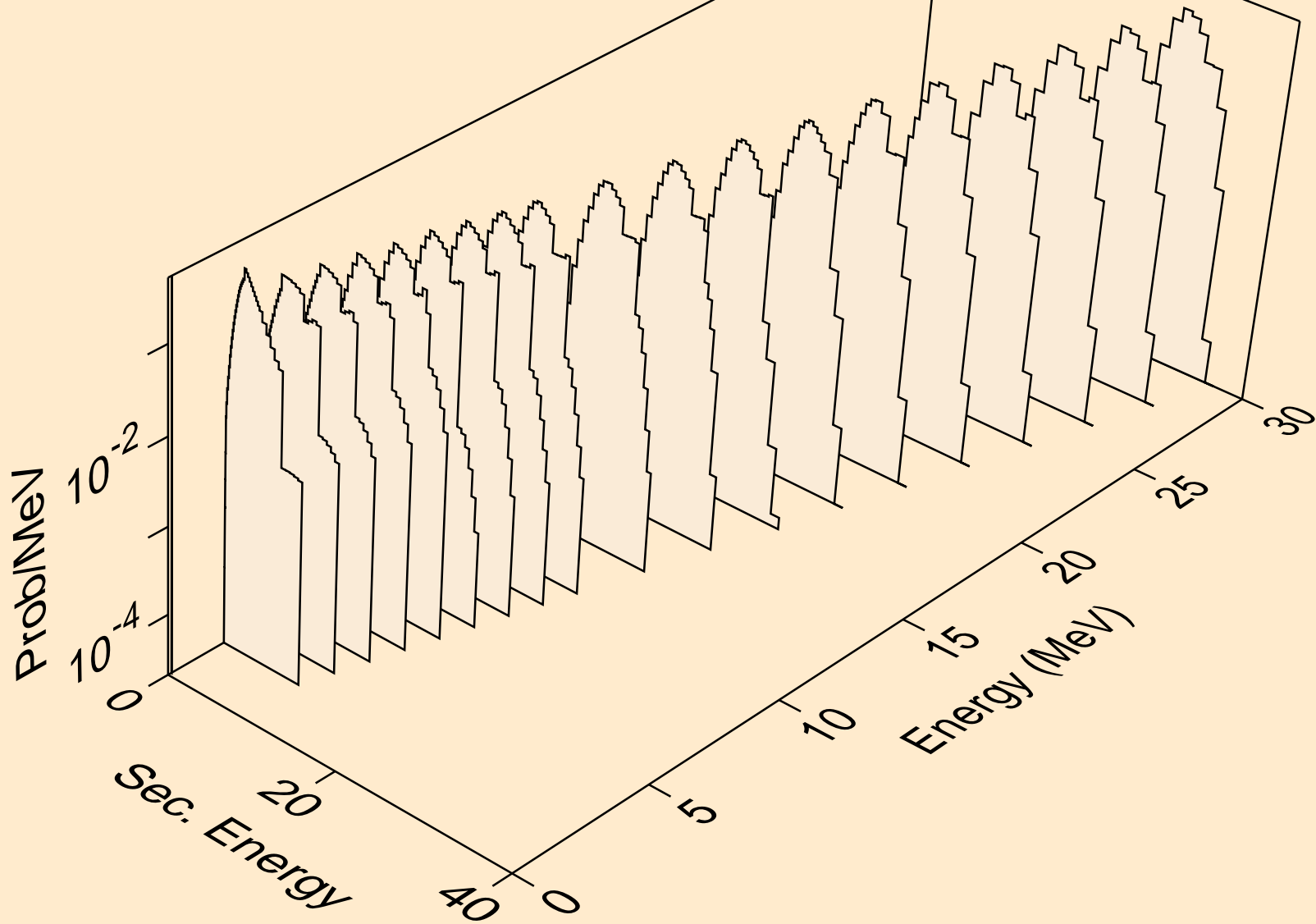


# V049 HELION ACER TENDL-2021 LIBRARY; T=0.K

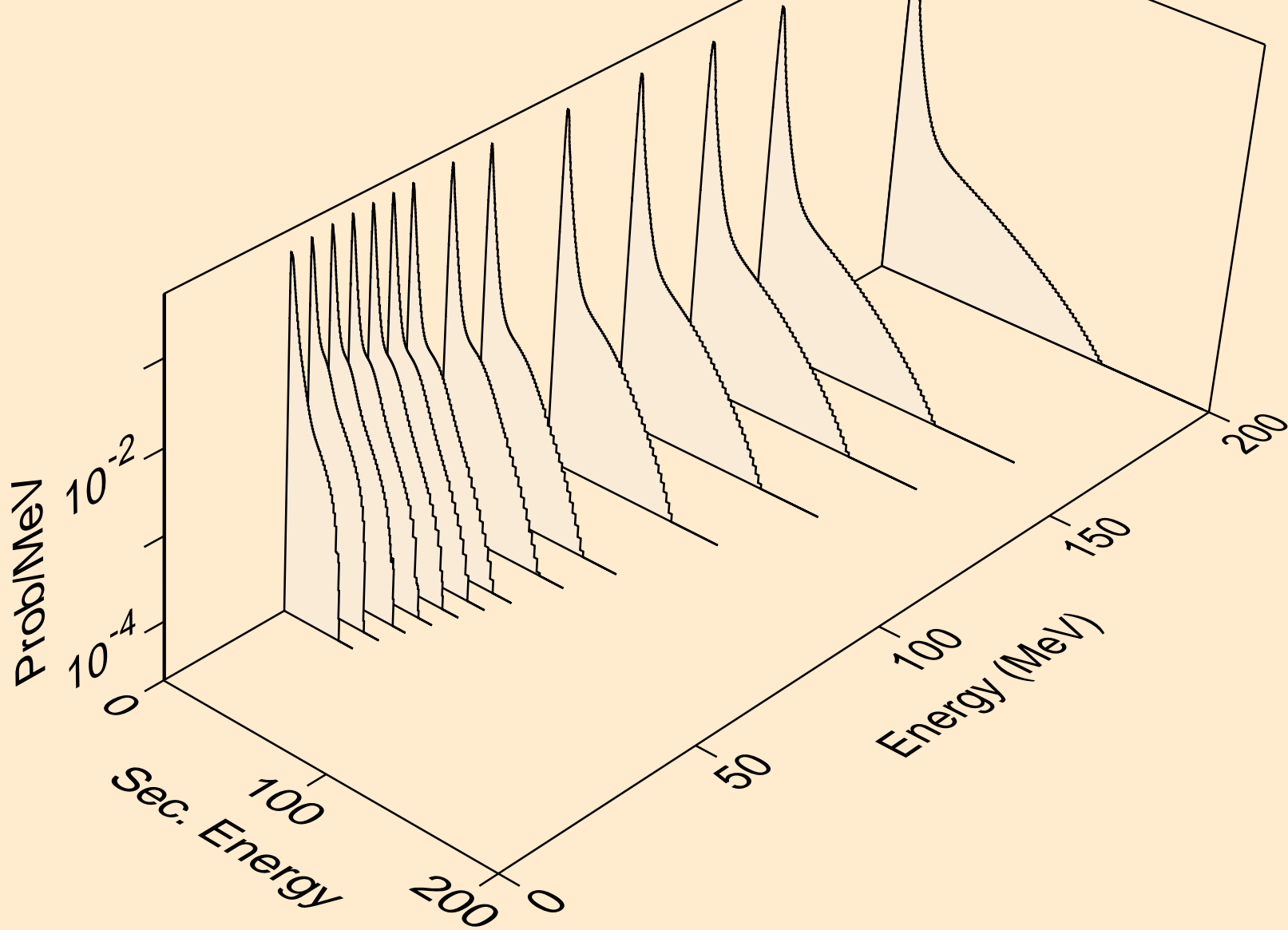
## Particle production cross sections



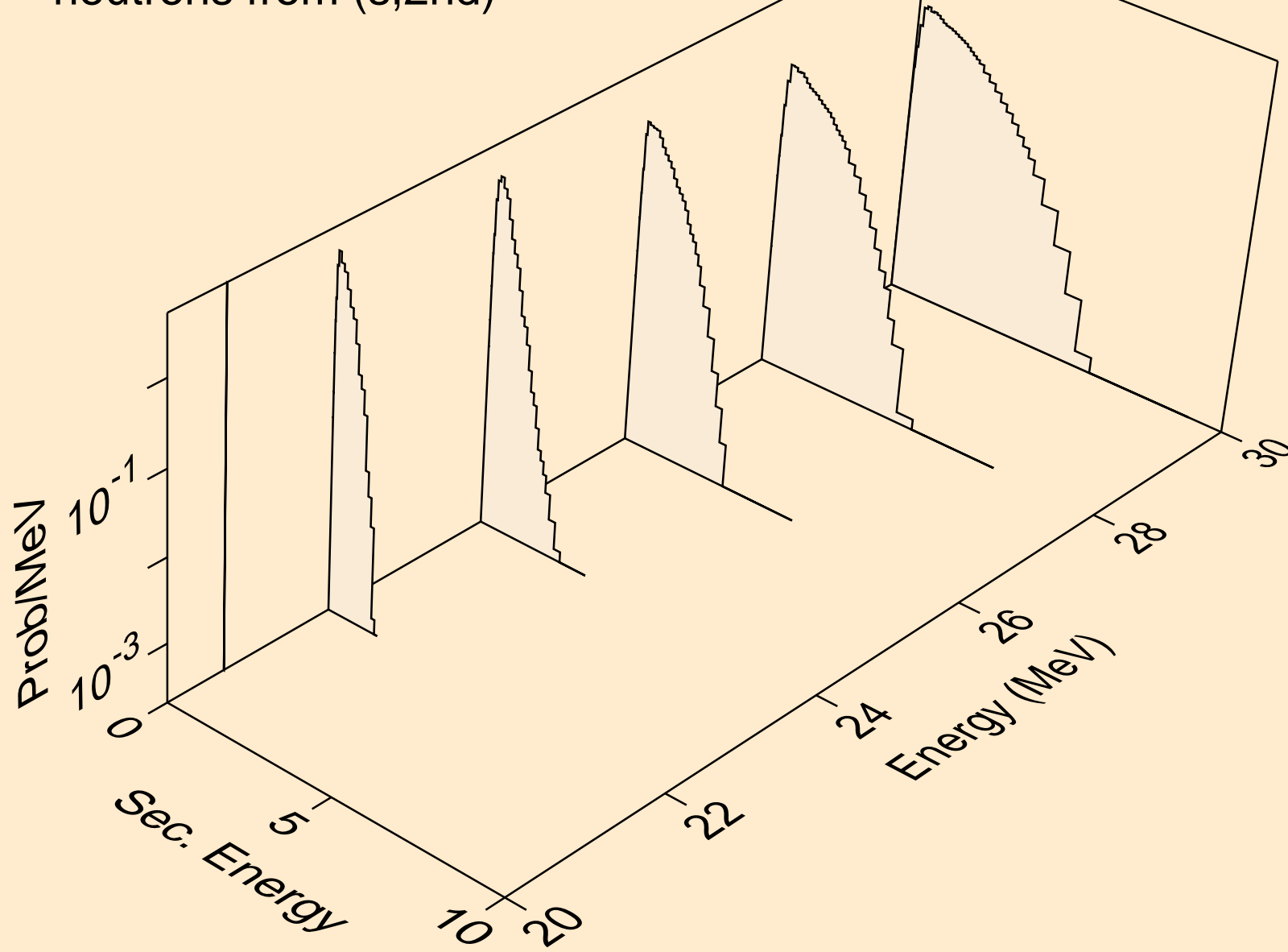
V049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n)



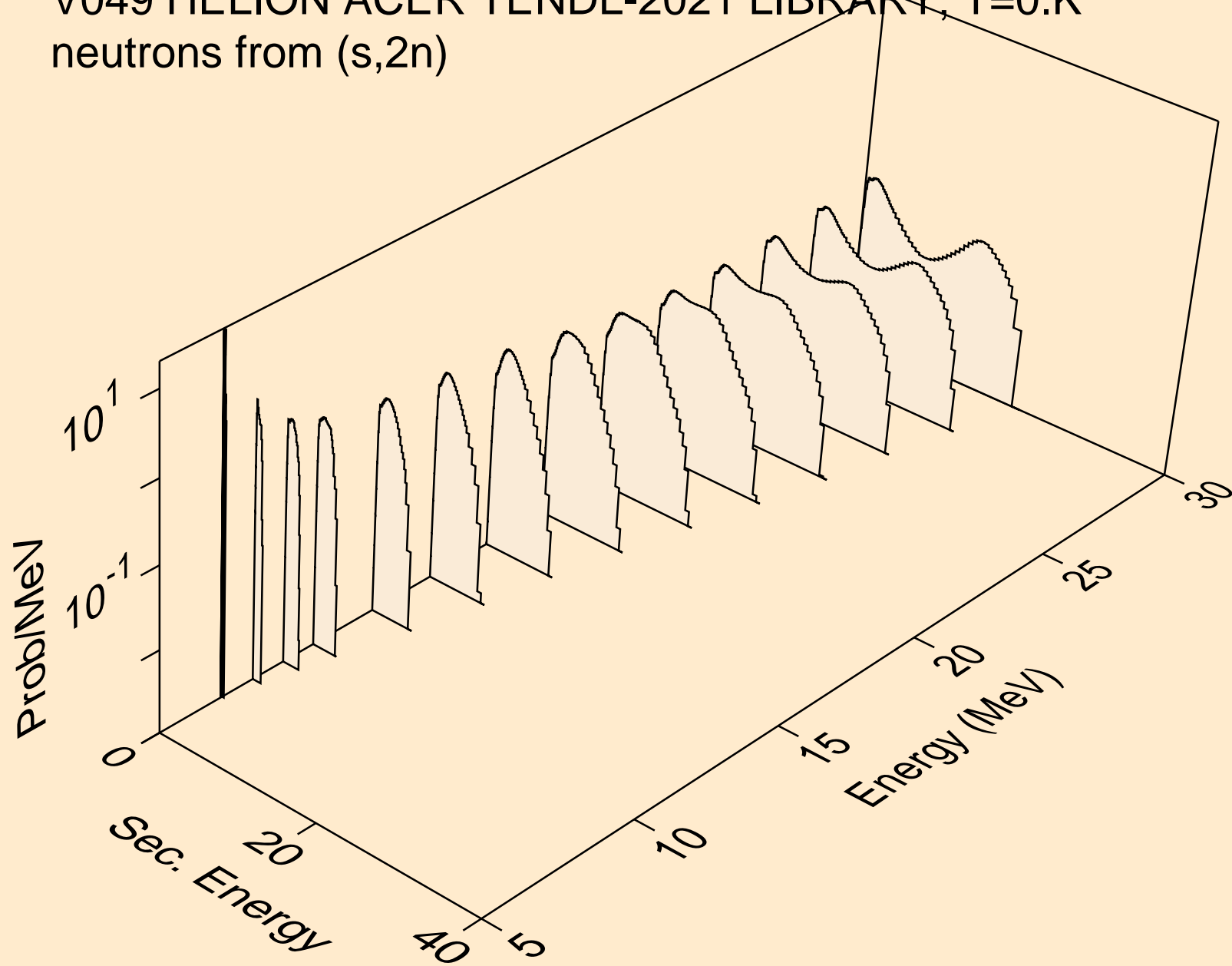
V049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,x)



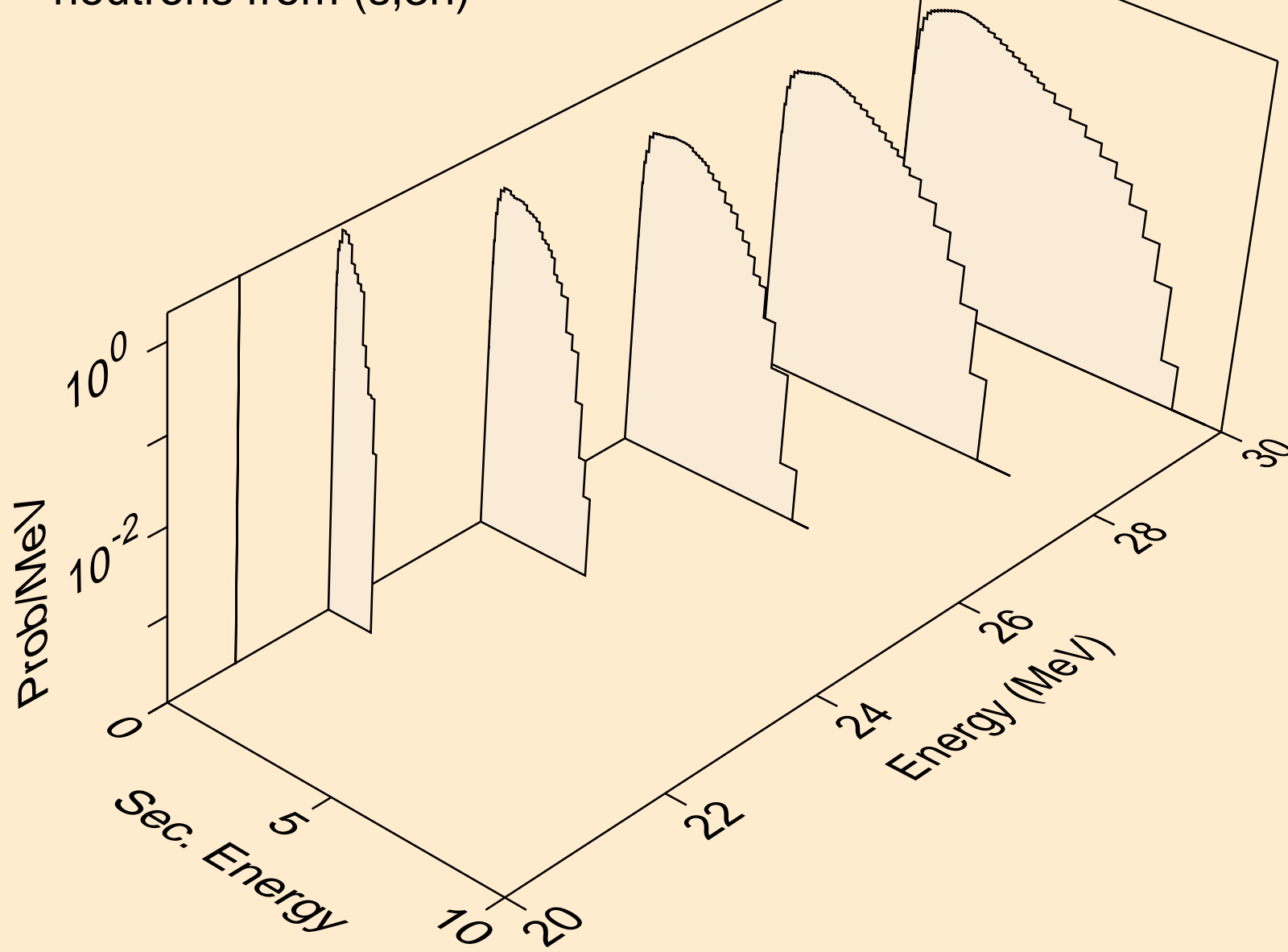
V049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2nd)



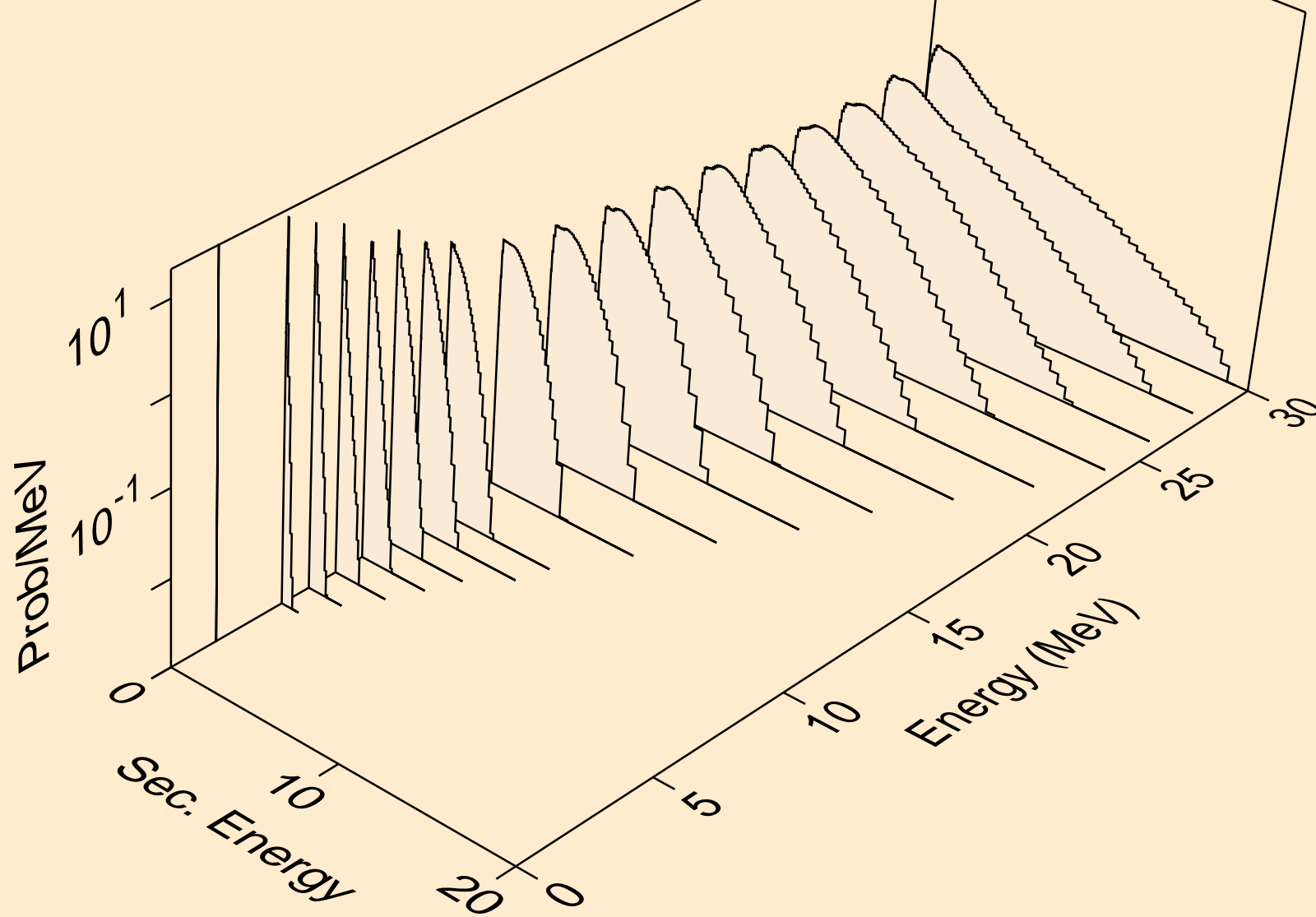
V049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)



V049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3n)

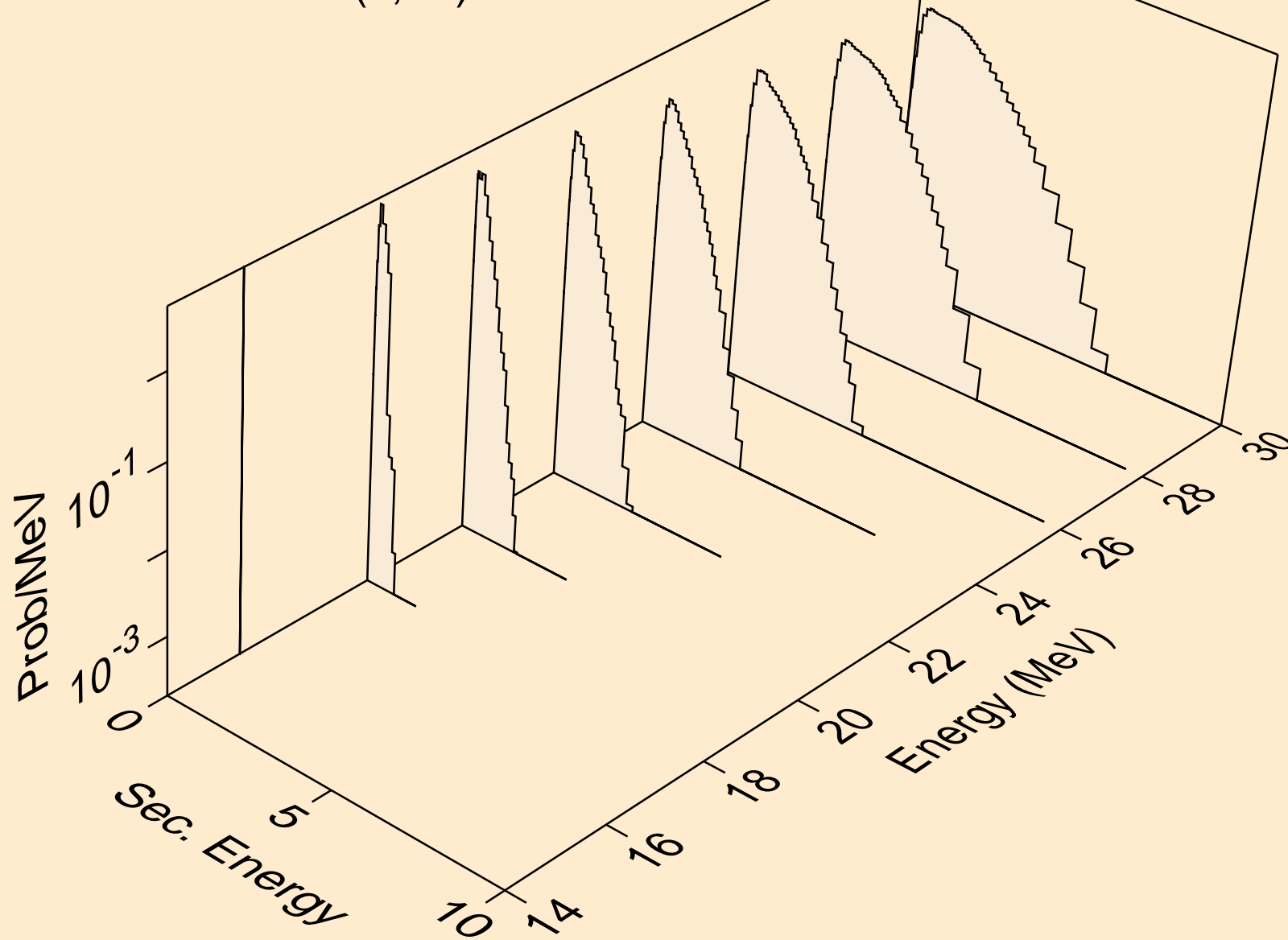


V049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)a

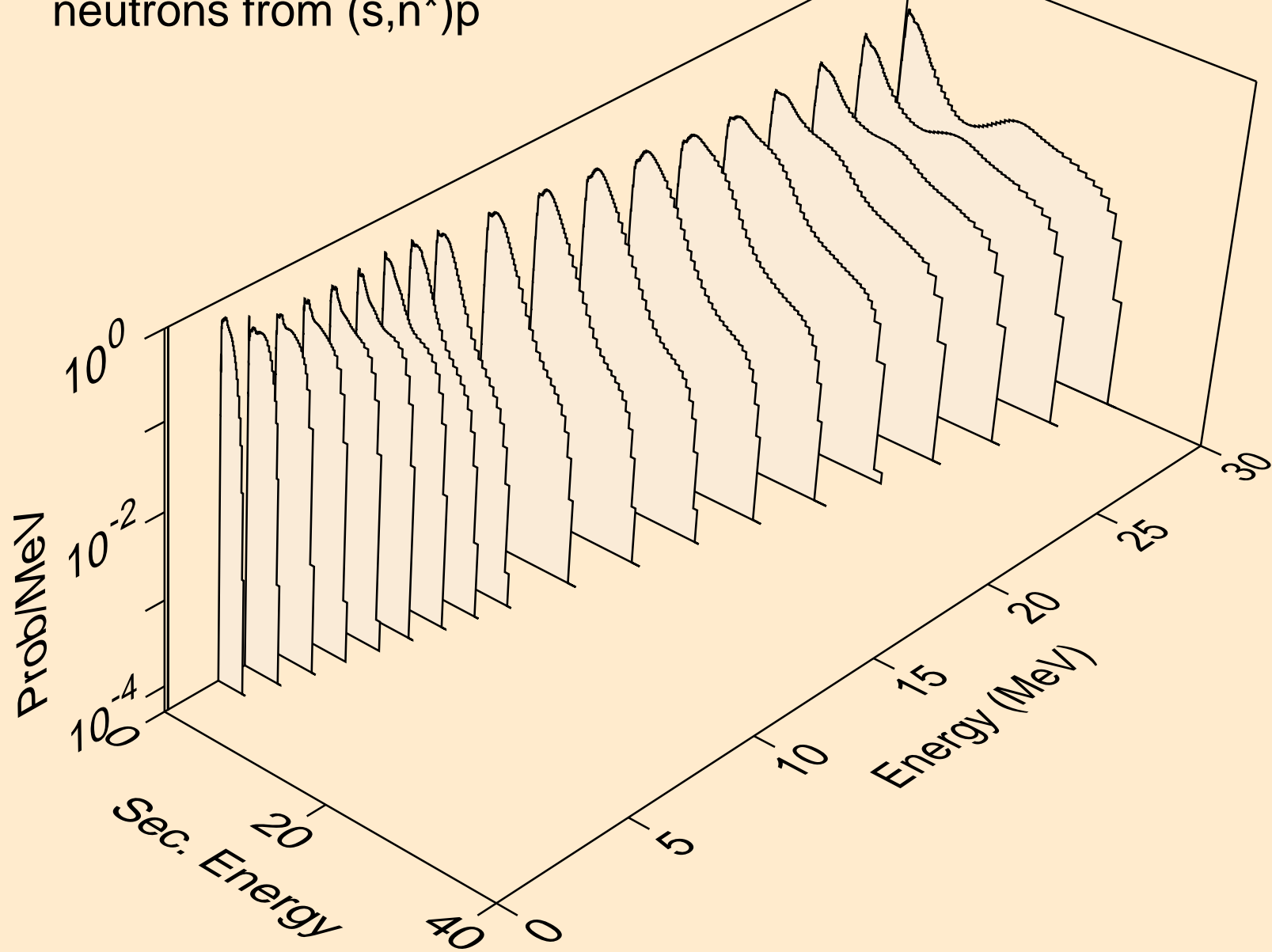




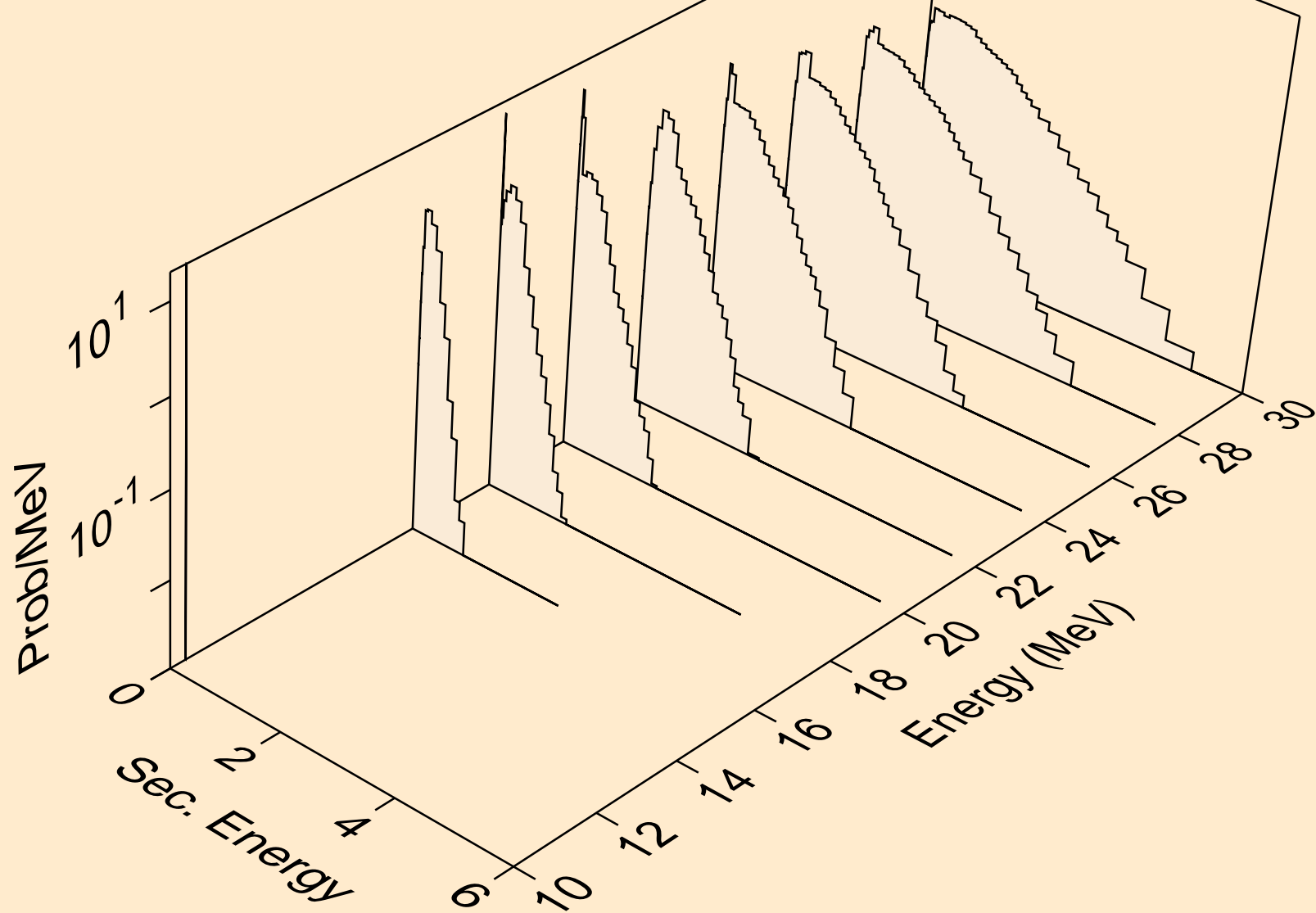
V049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)a



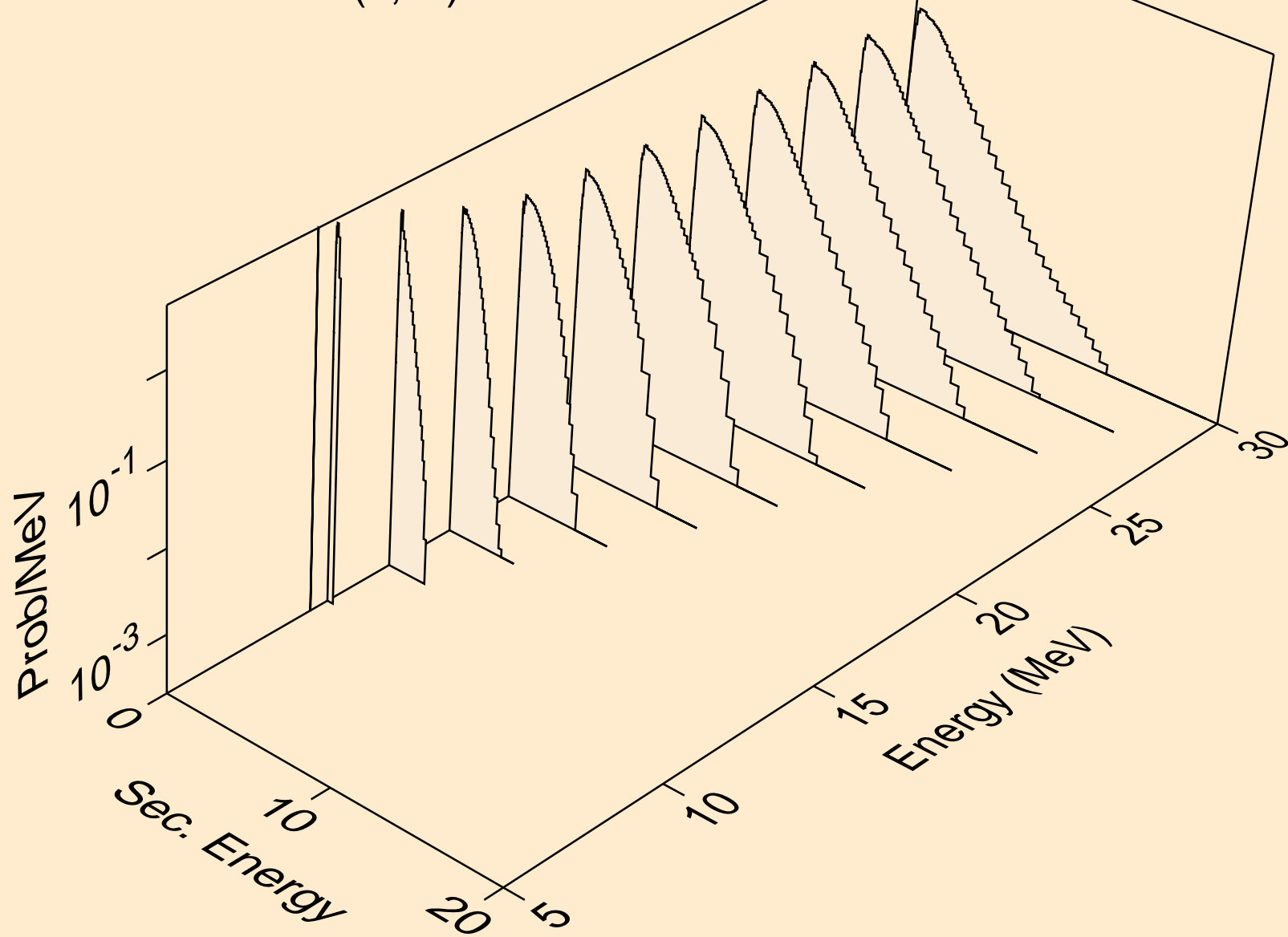
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neutrons from (s,n\*)p



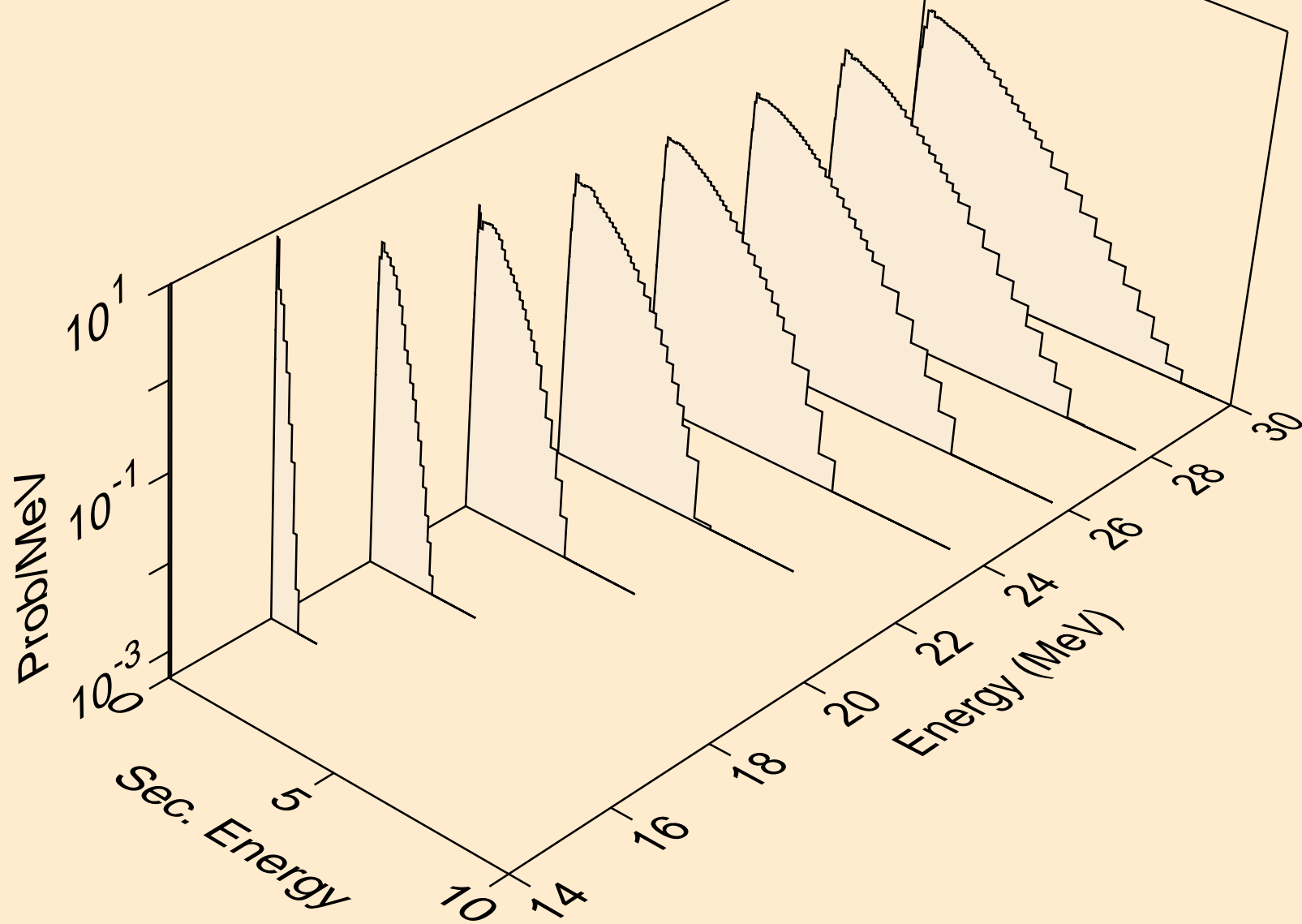
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neutrons from (s,n\*)2a



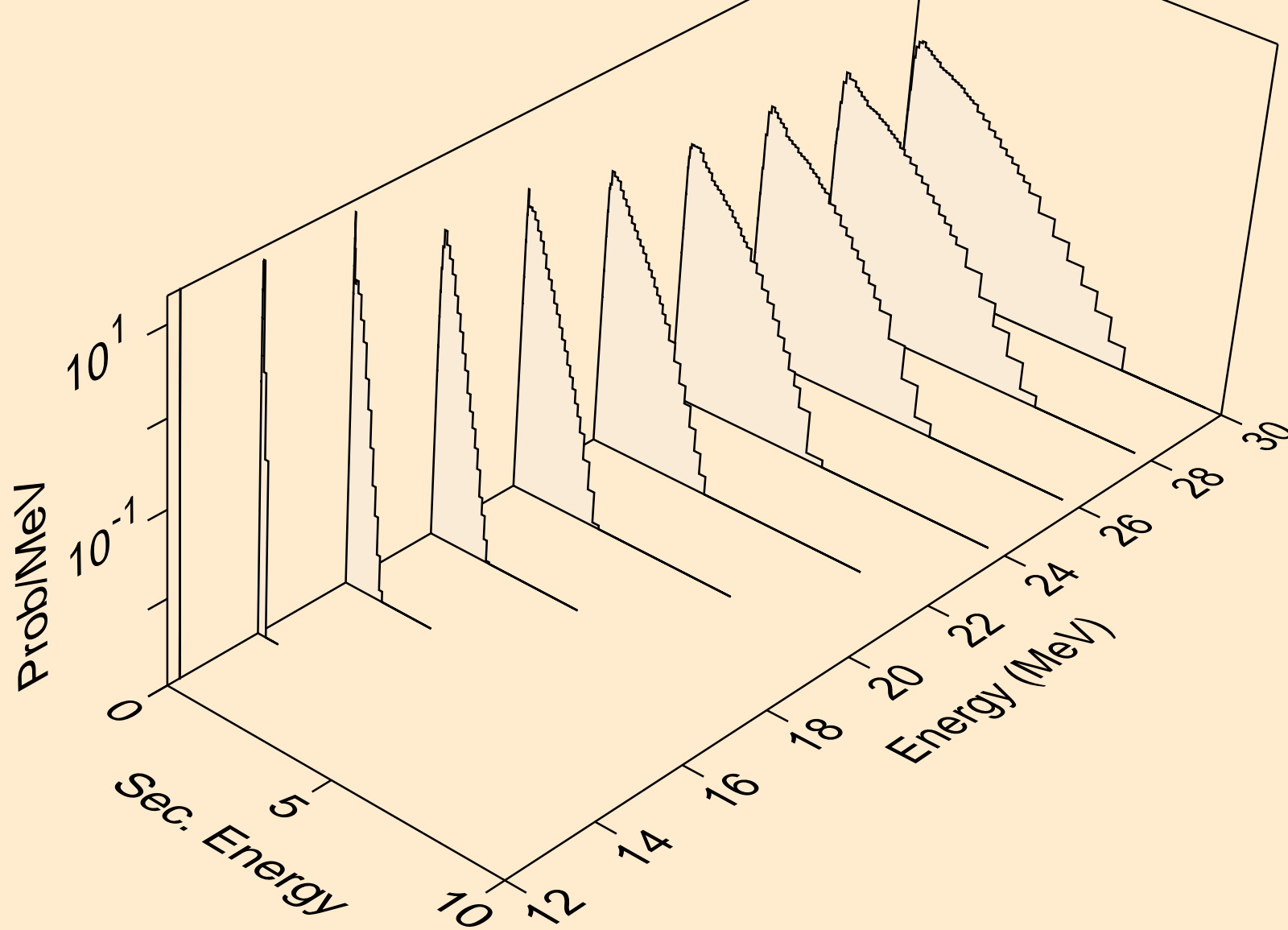
V049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)d



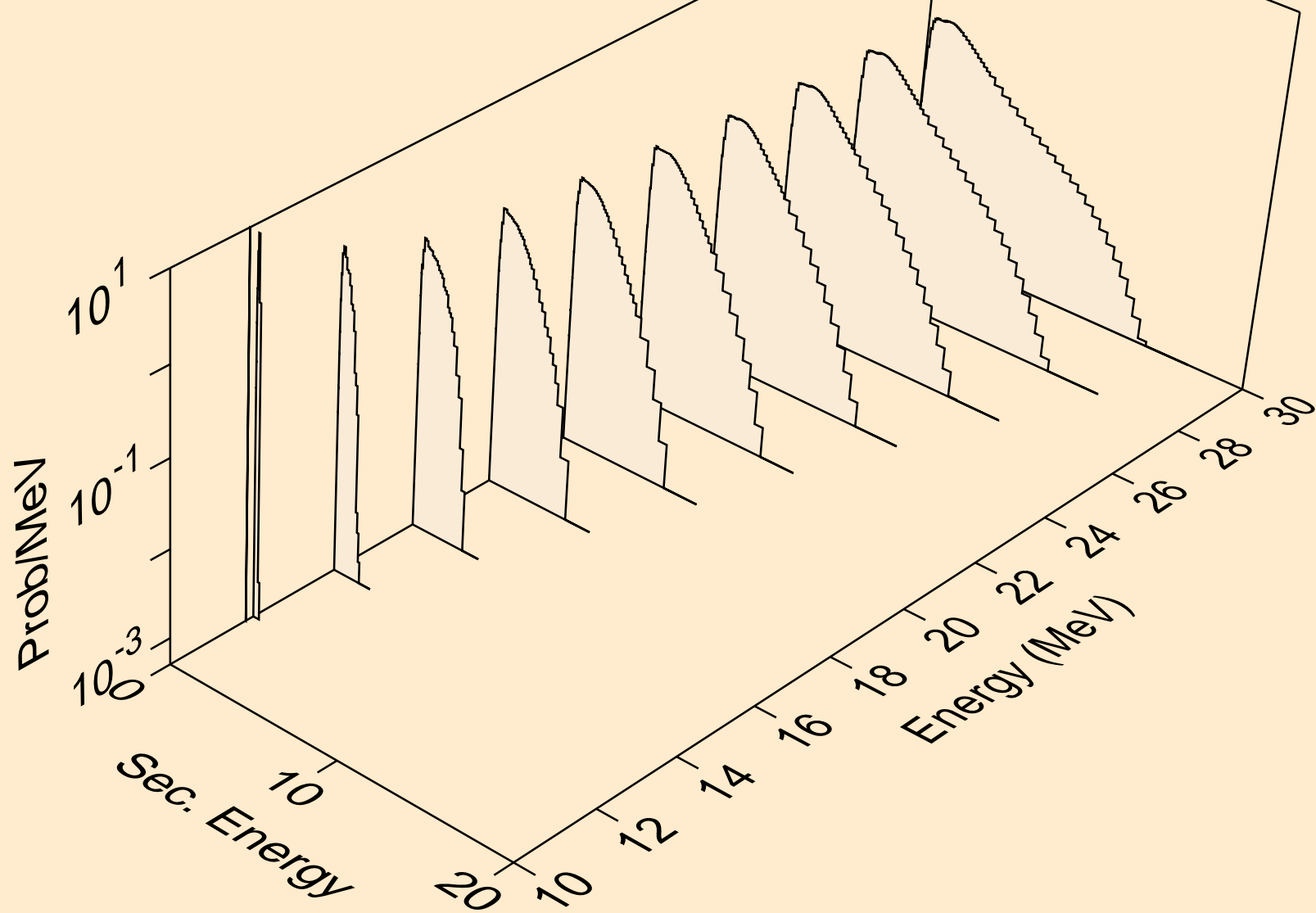
V049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)t



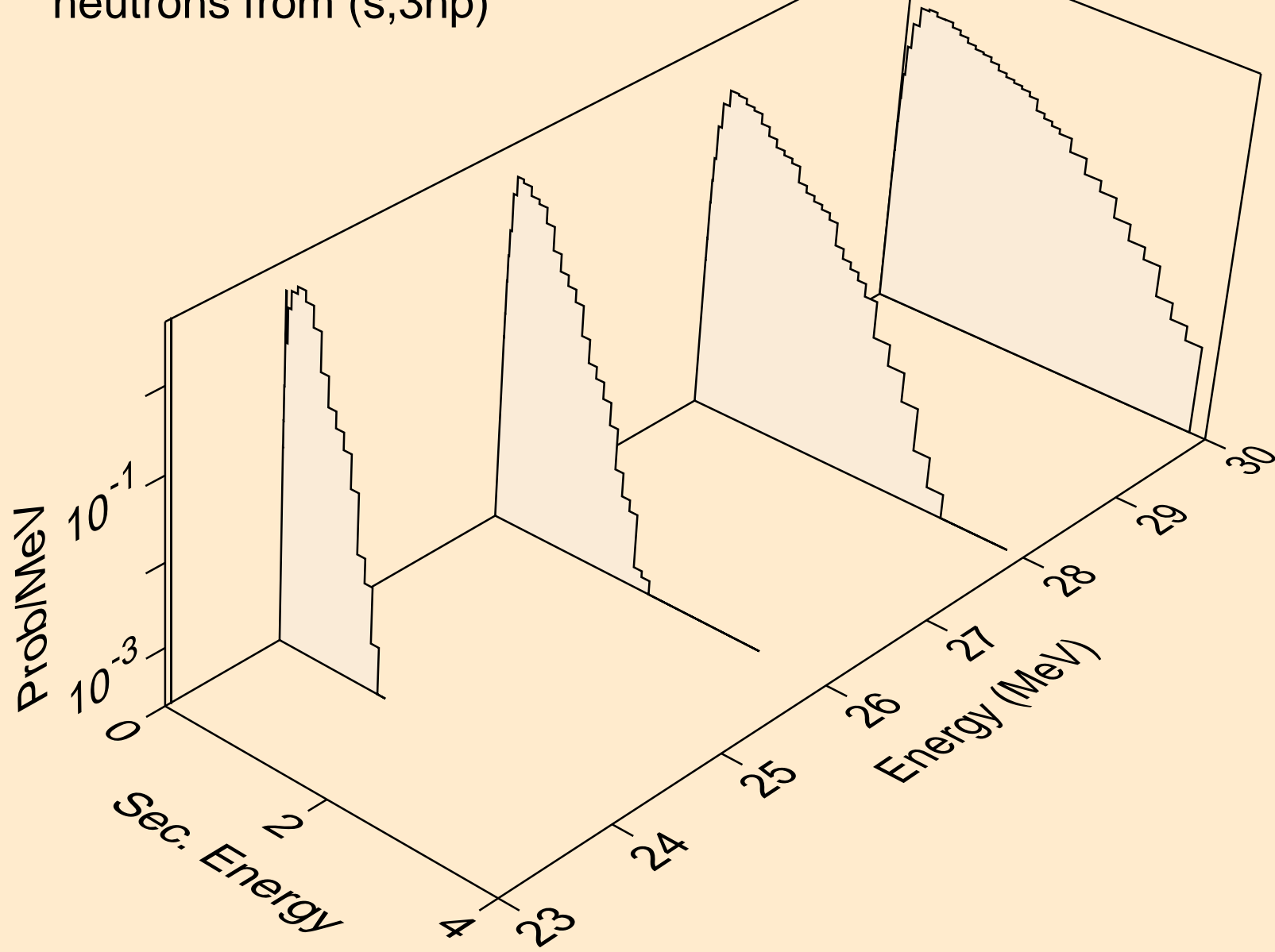
V049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



V049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2np)

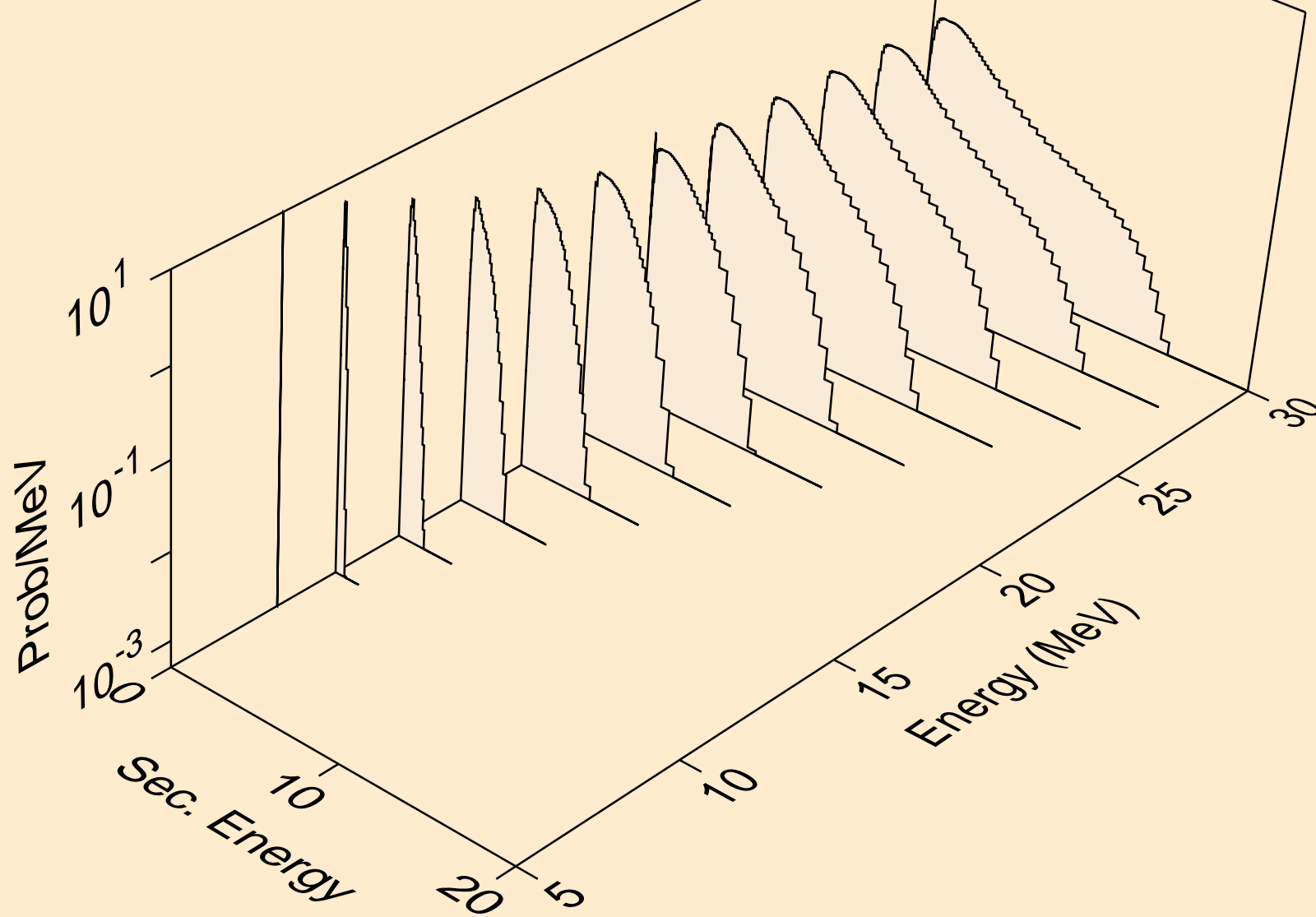


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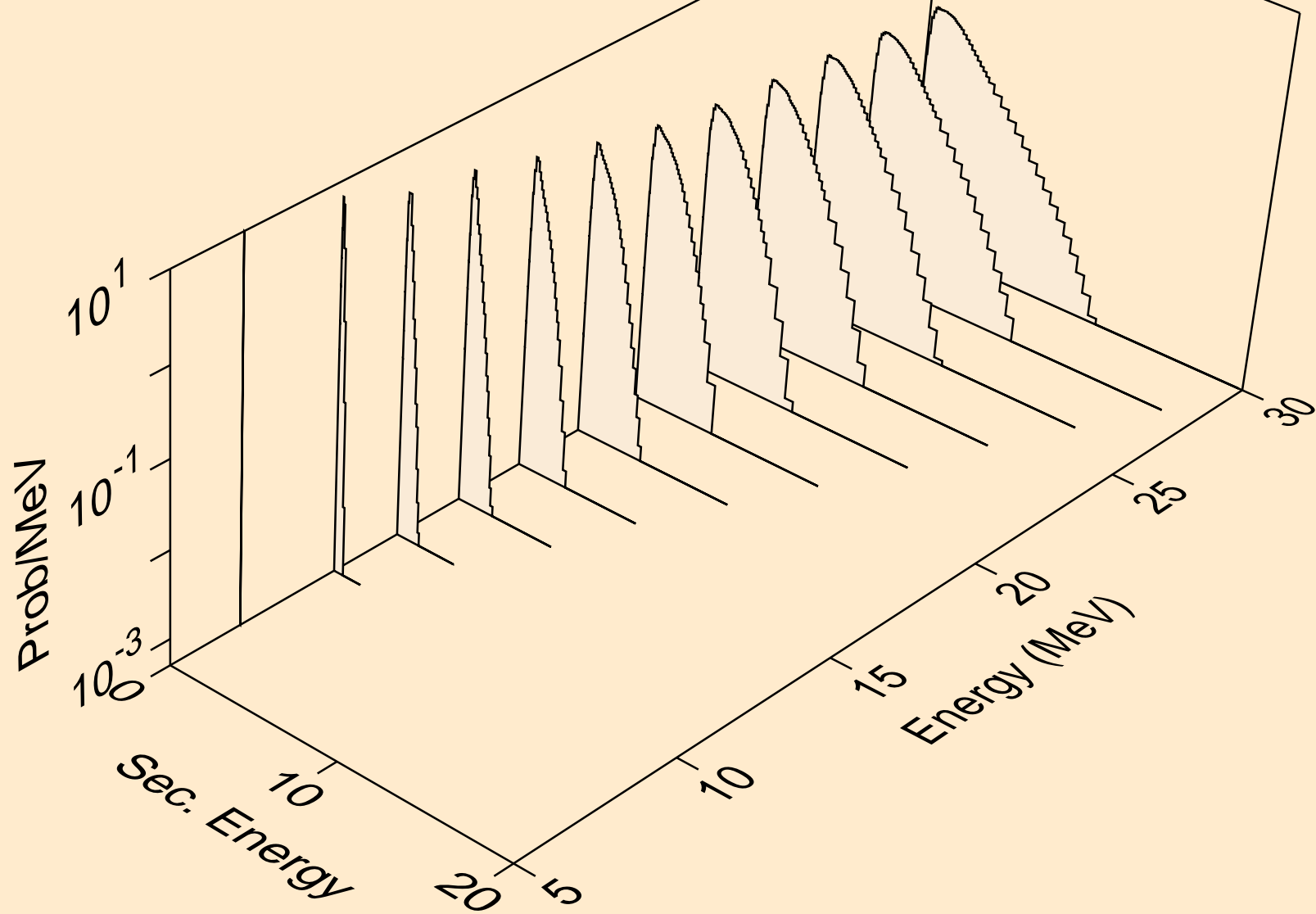




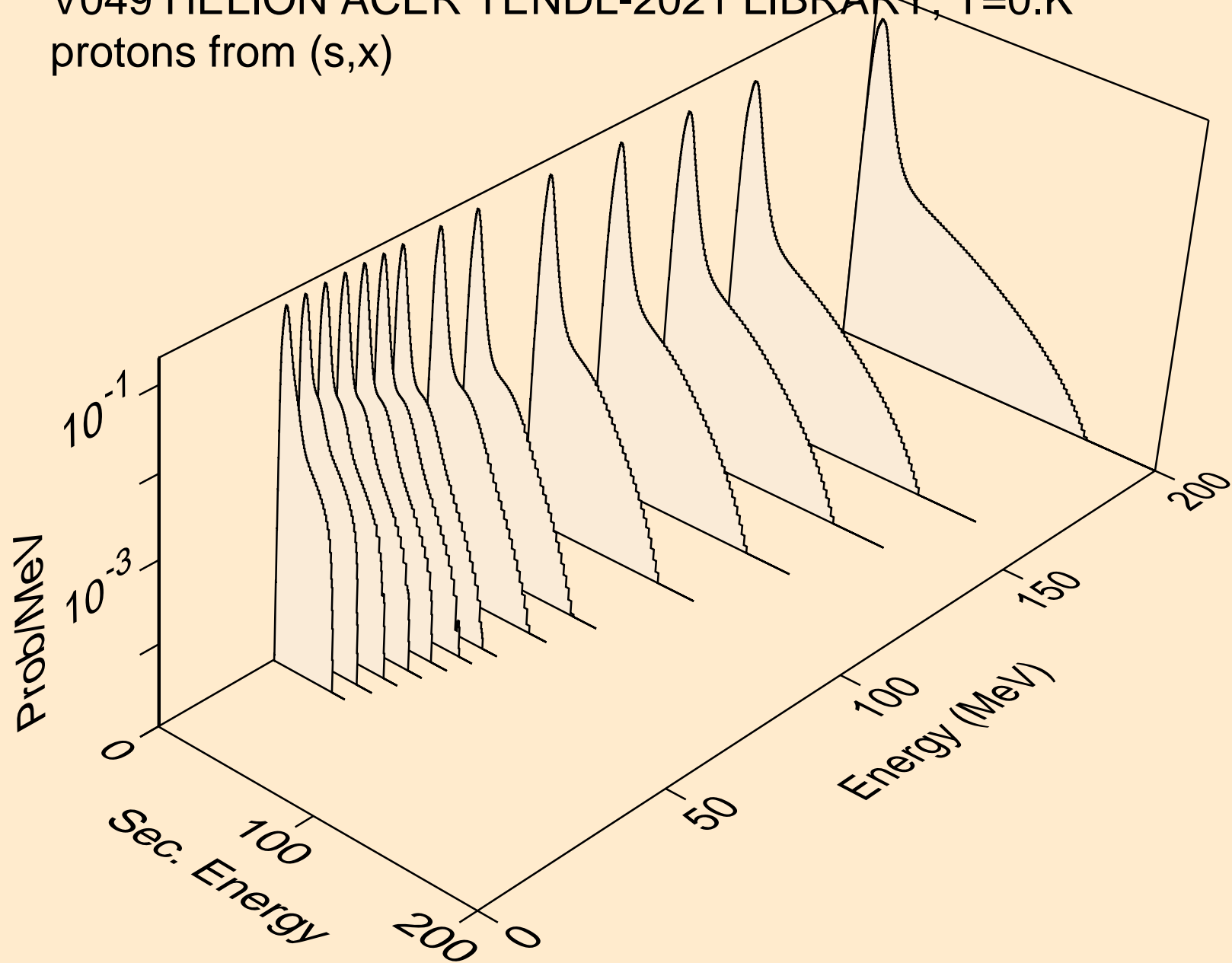
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neutrons from (s,2np)



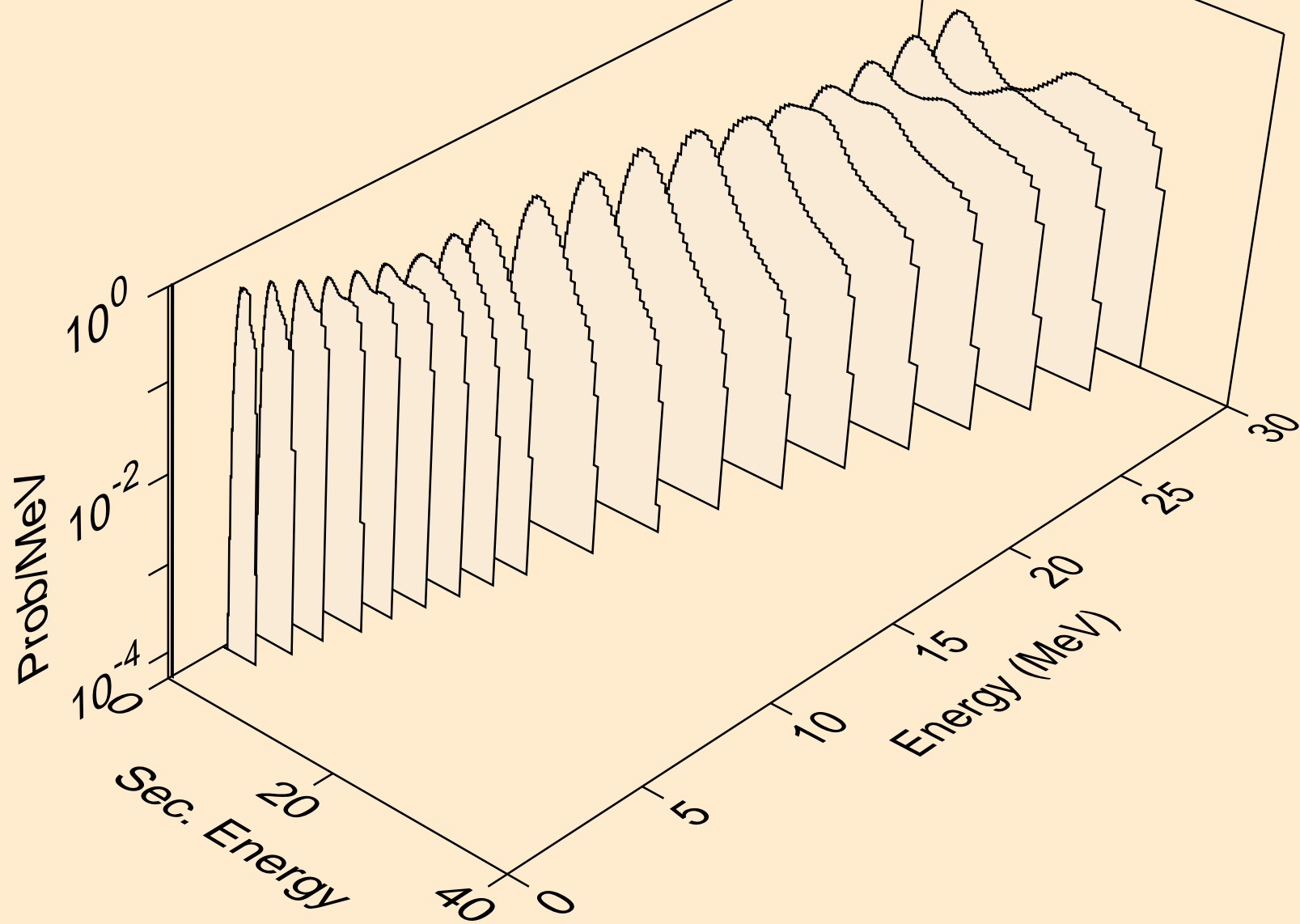
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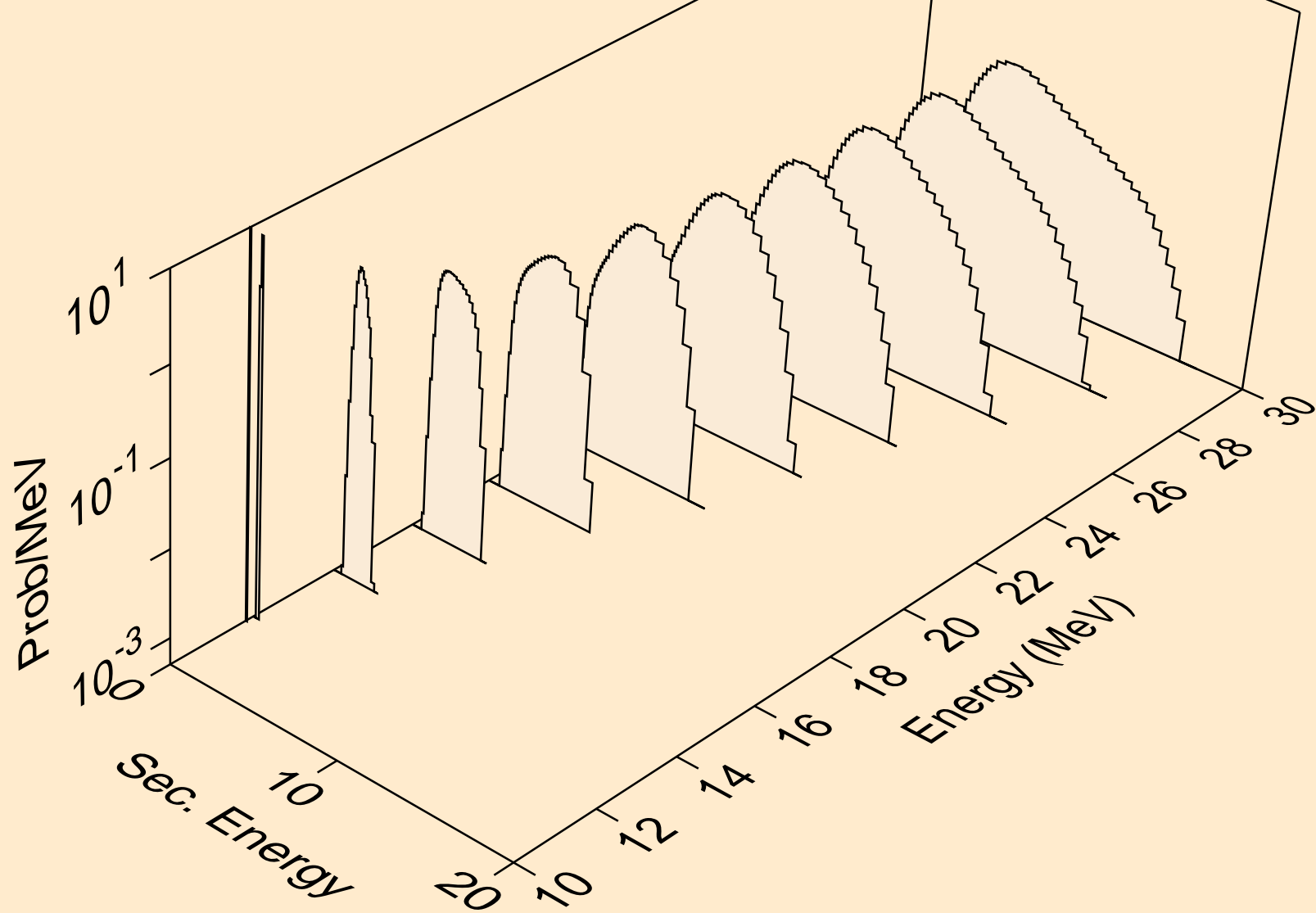
V049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,x)



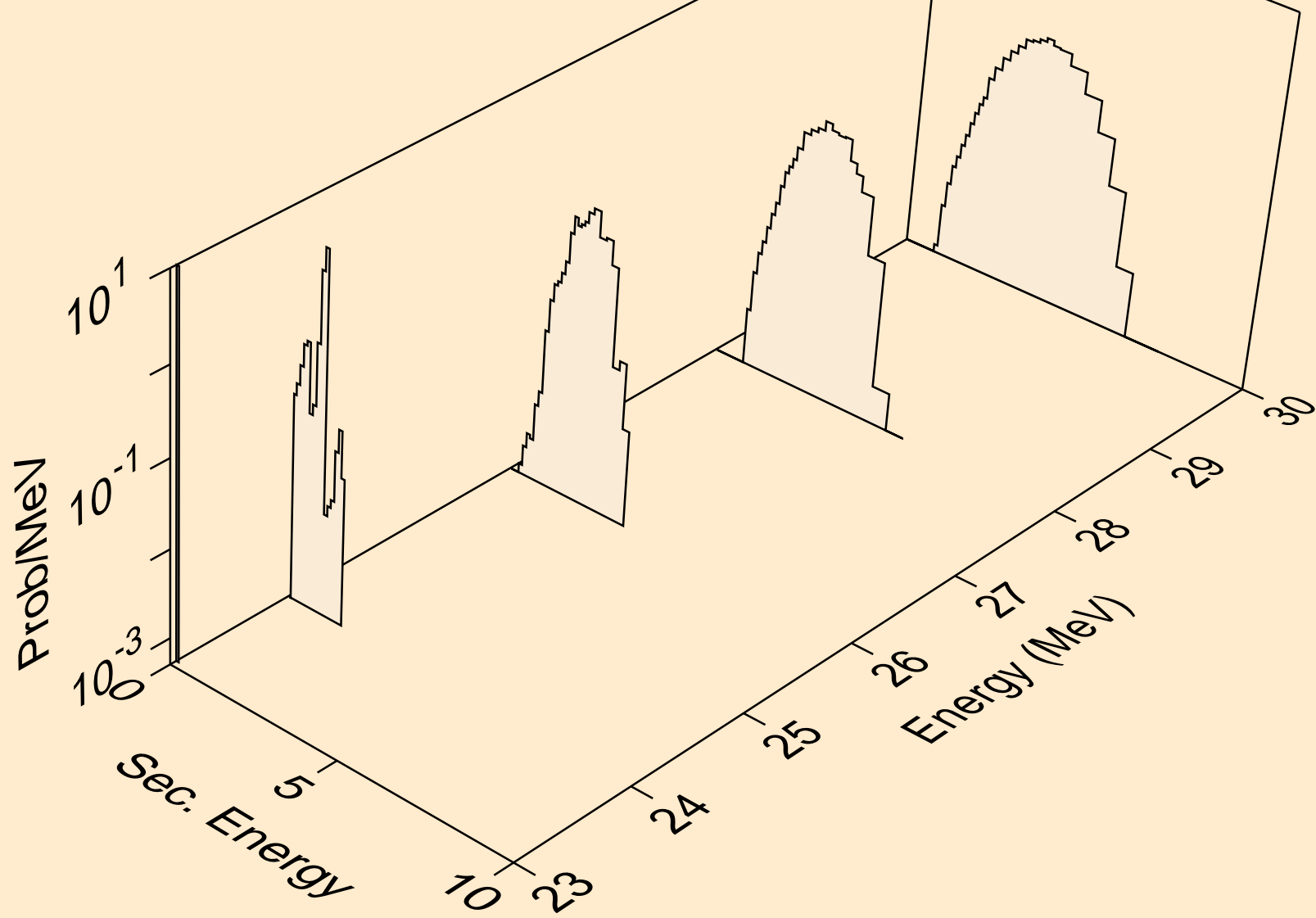
V049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,n\*)p



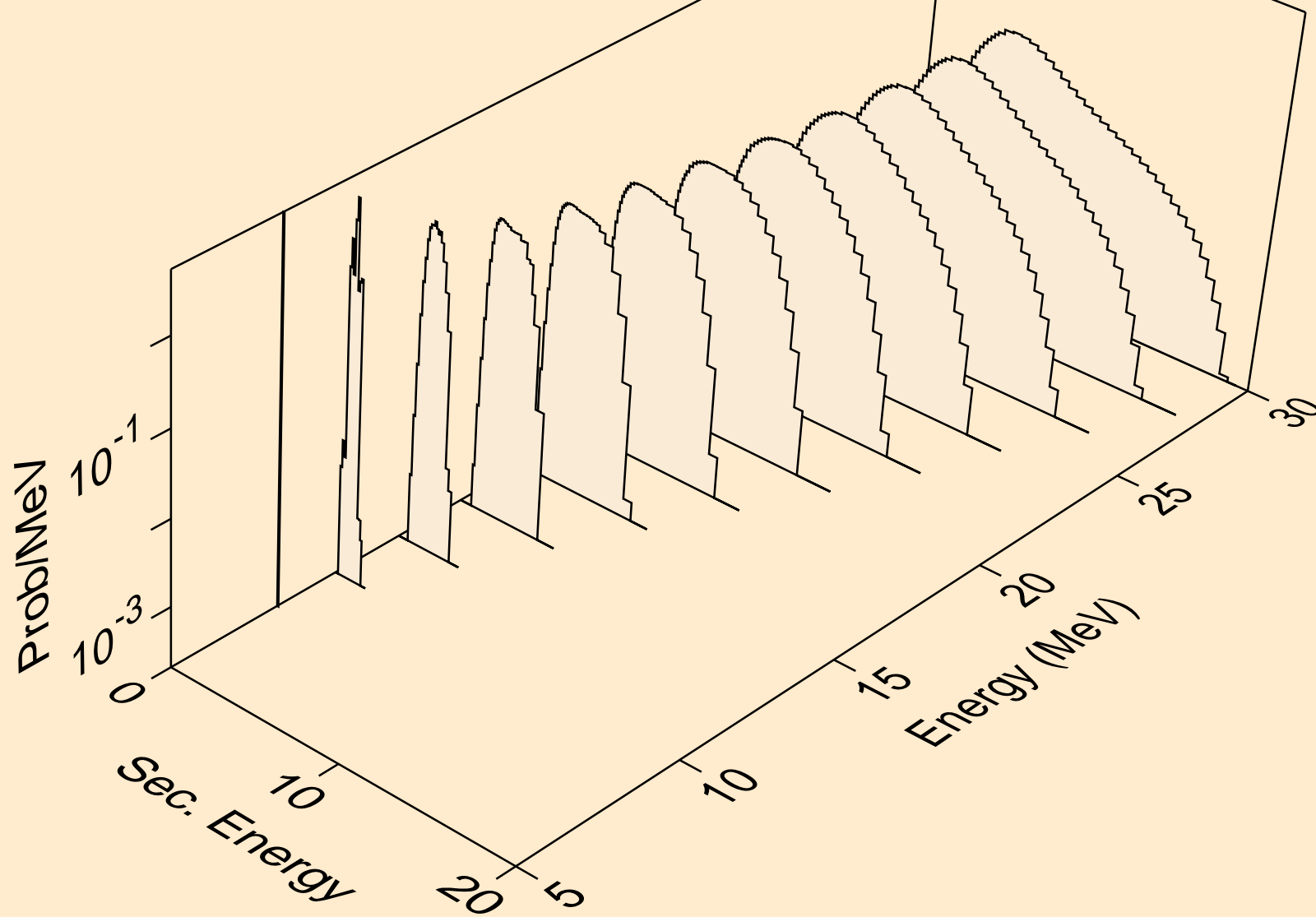
V049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2np)



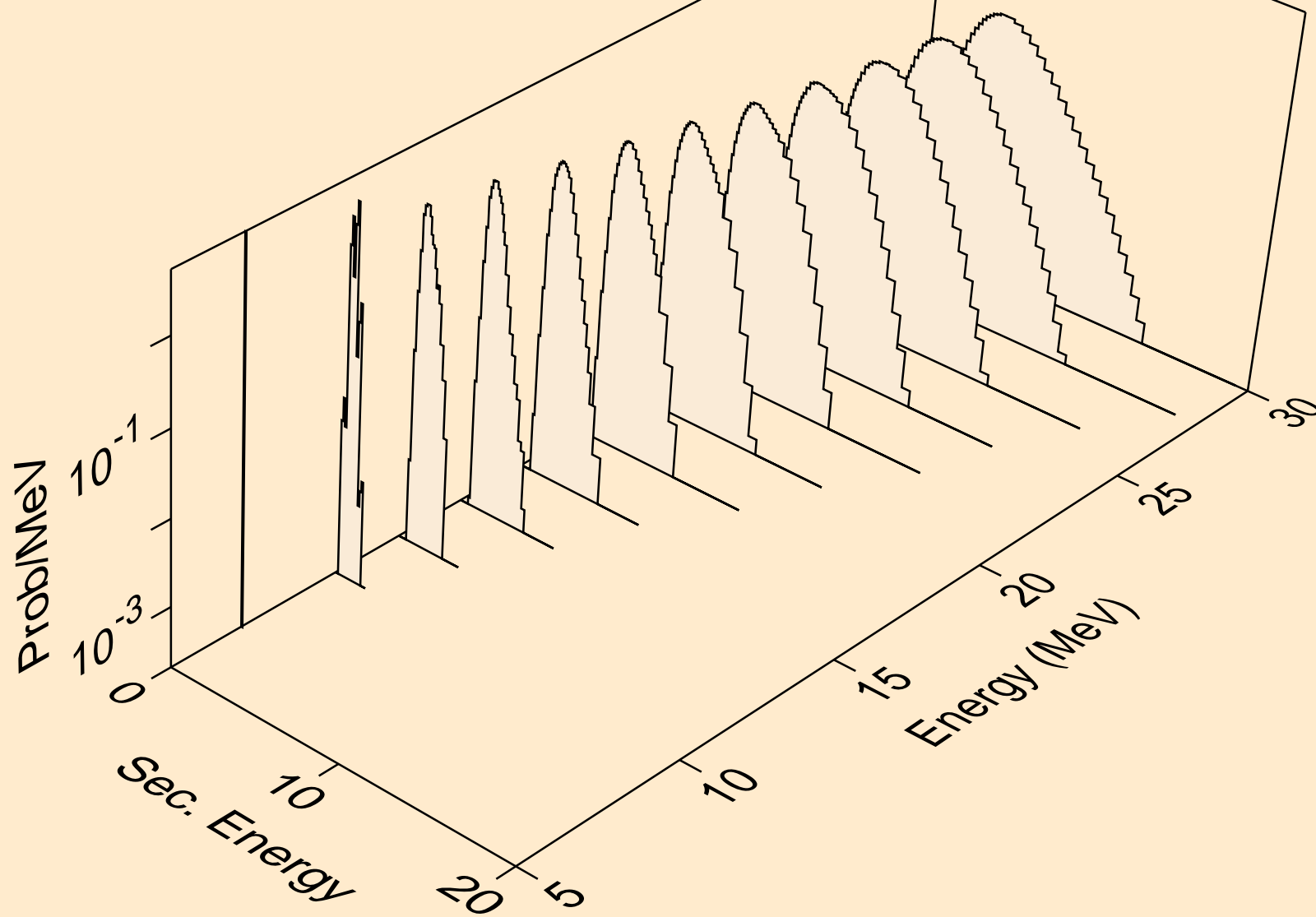
V049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,3np)



V049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2np)

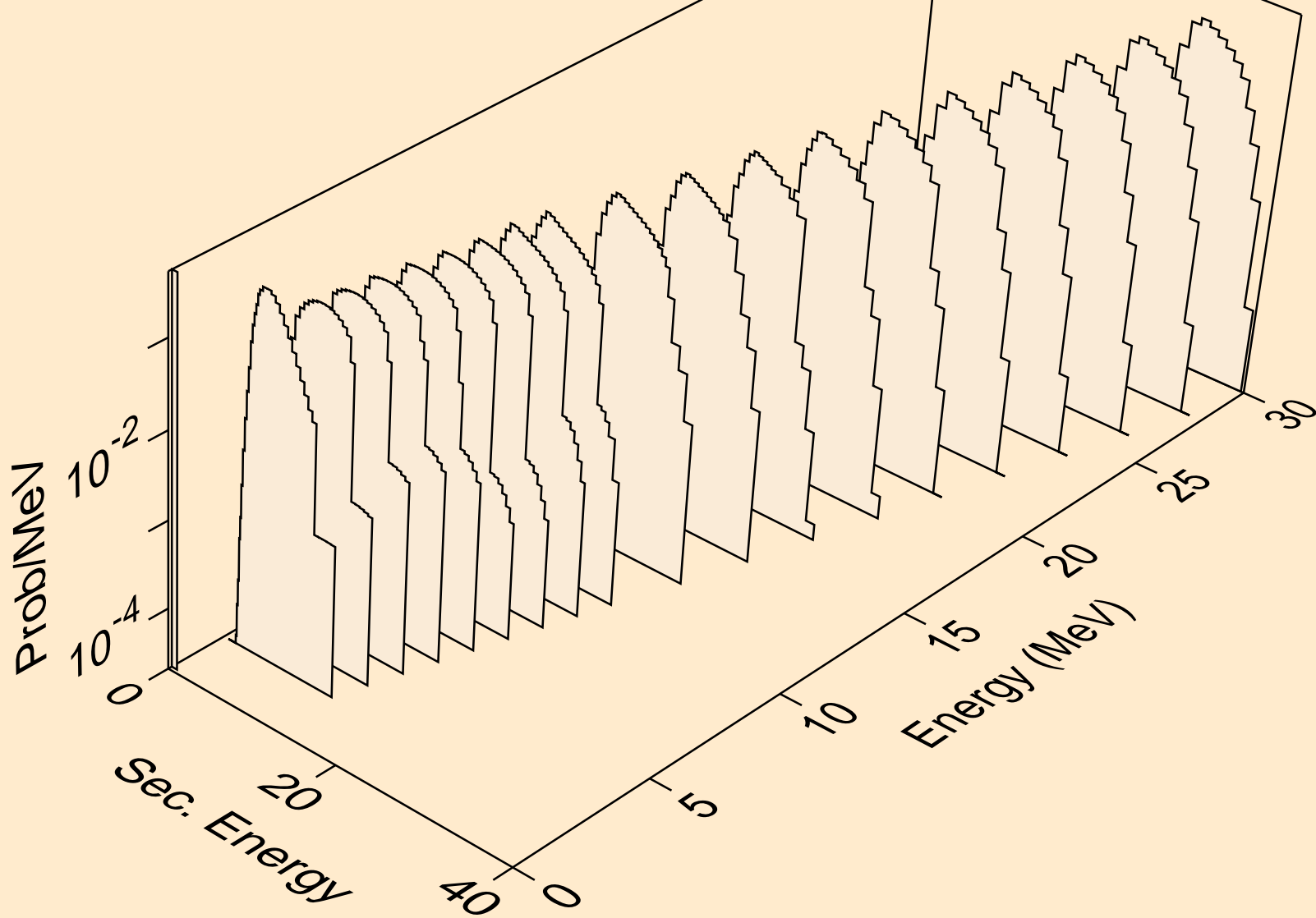


V049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,npa)

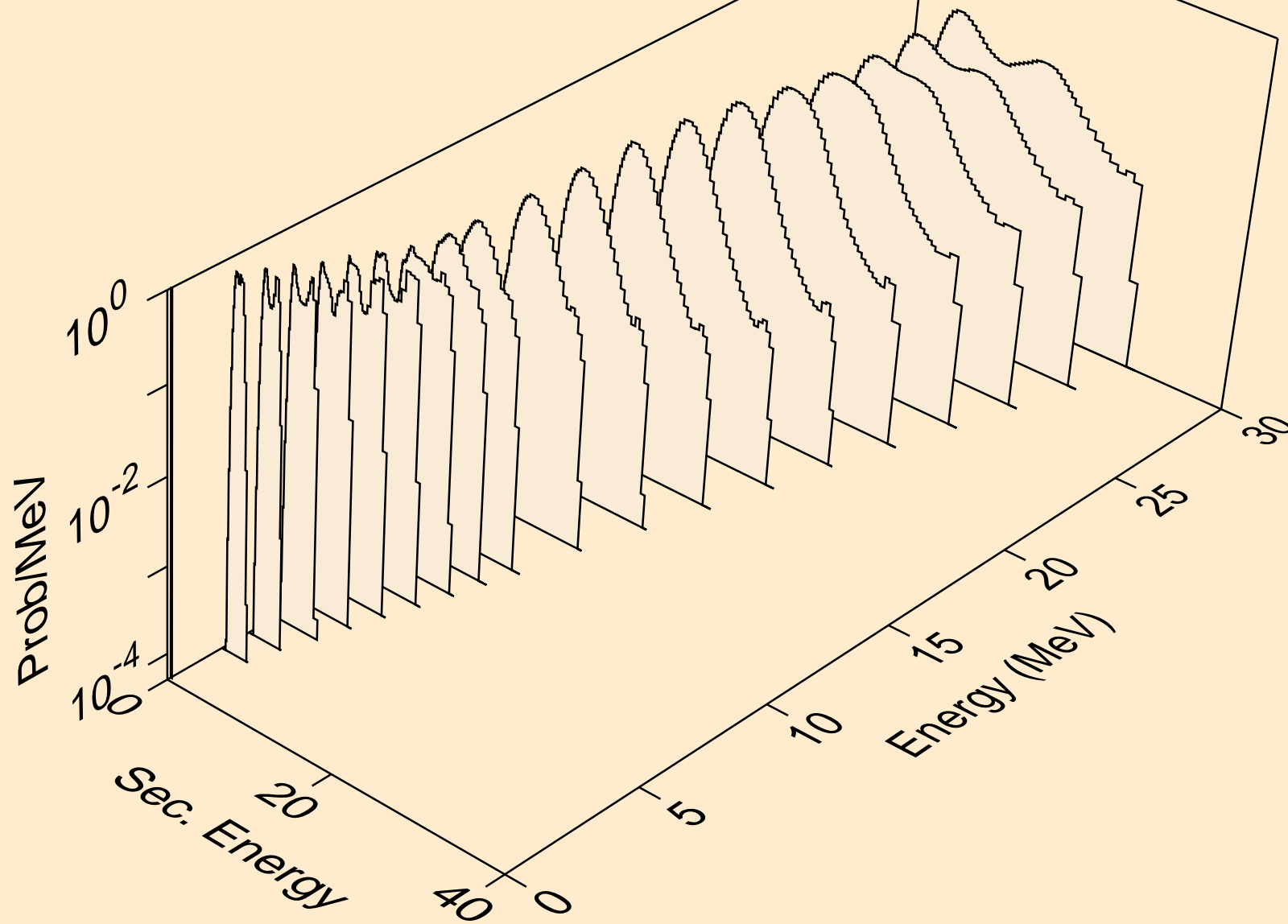




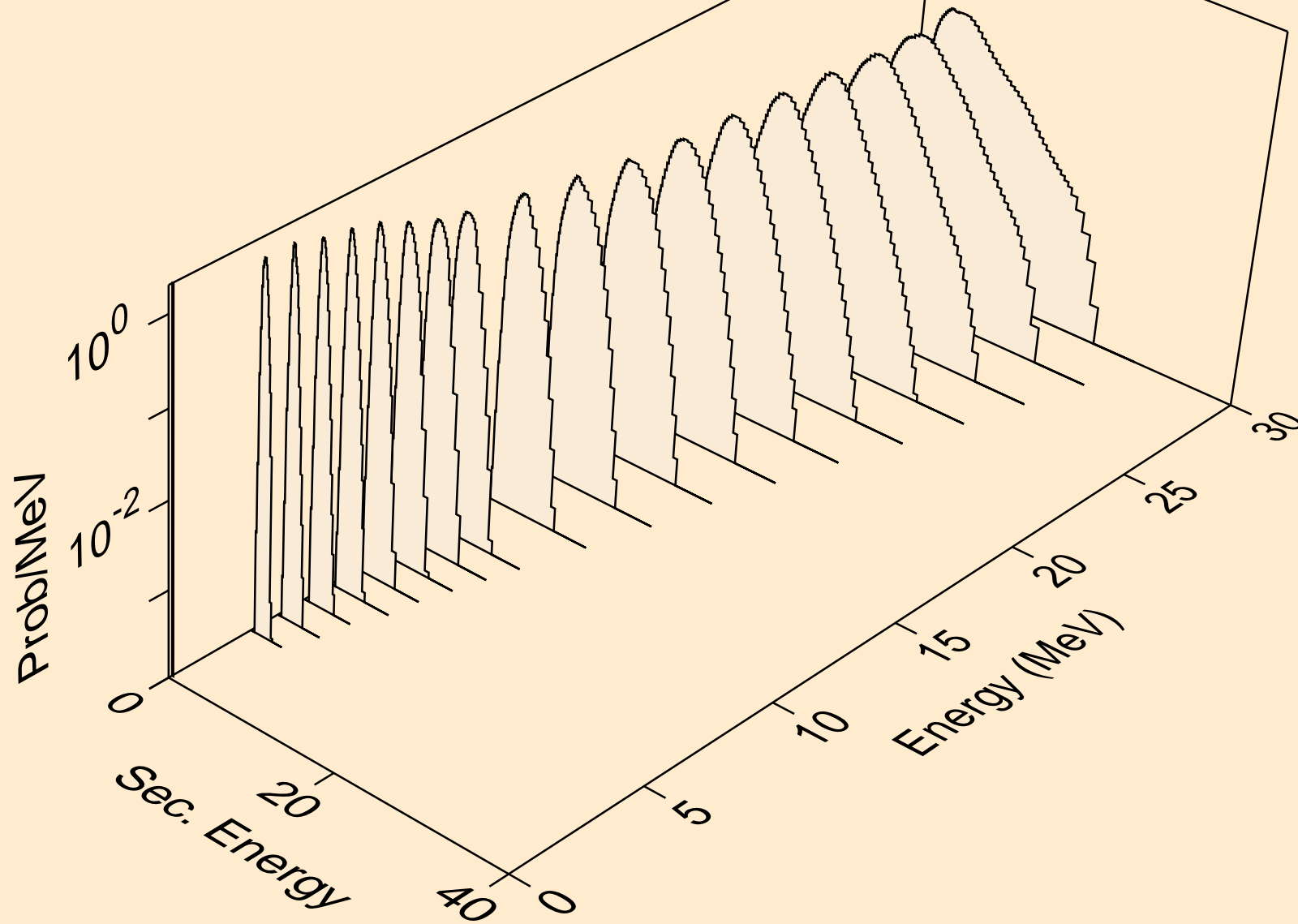
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protons from (s,p)



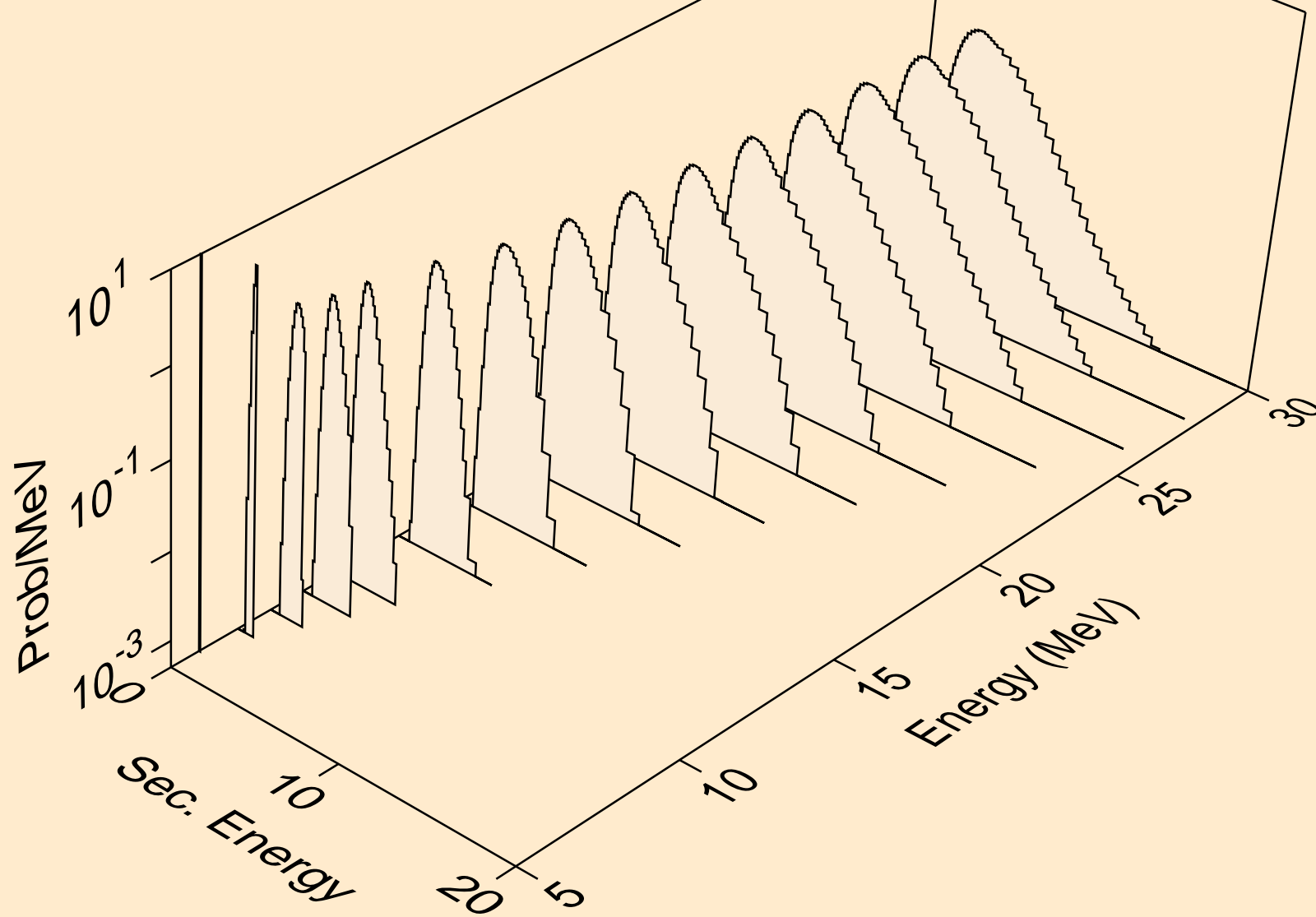
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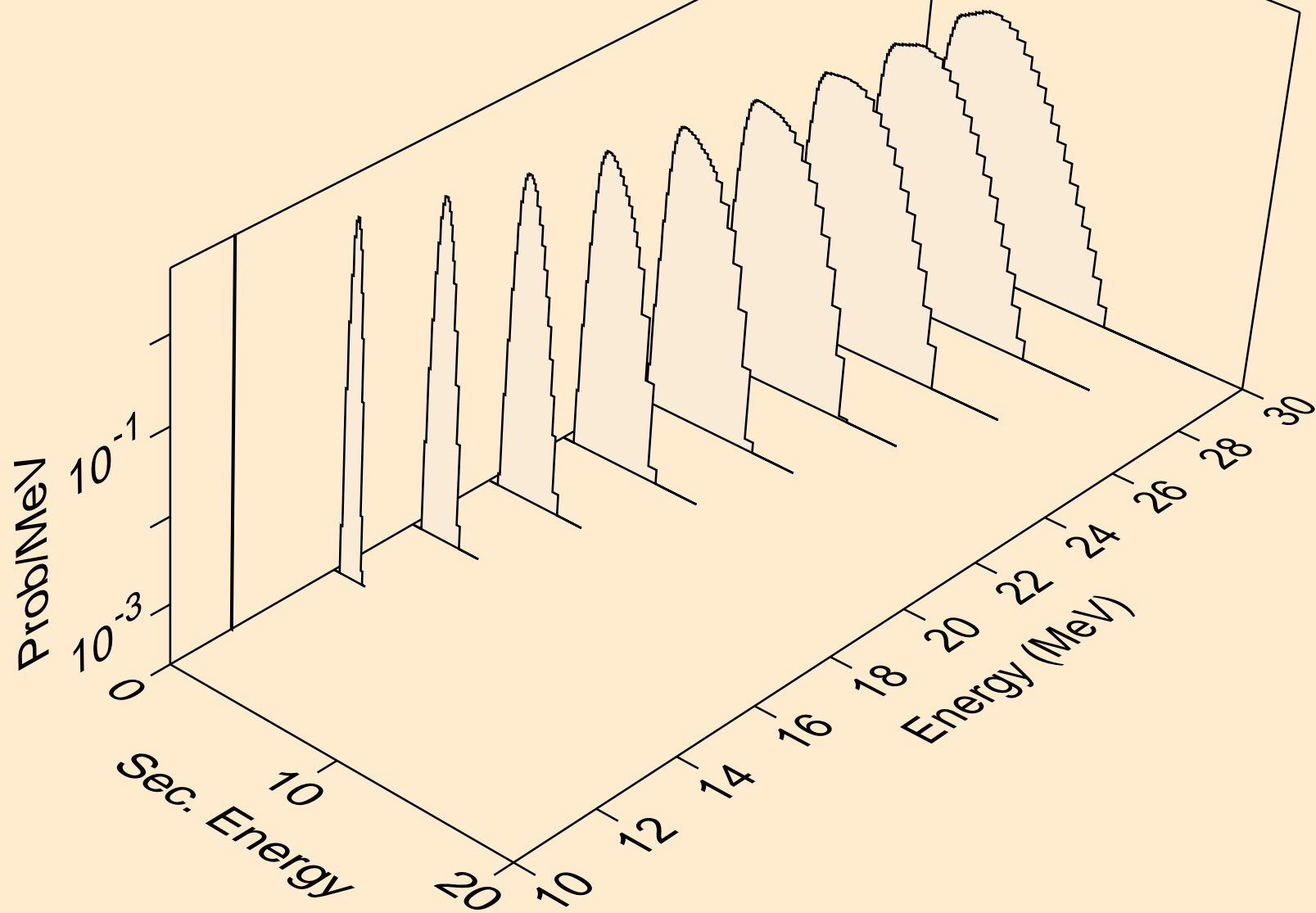
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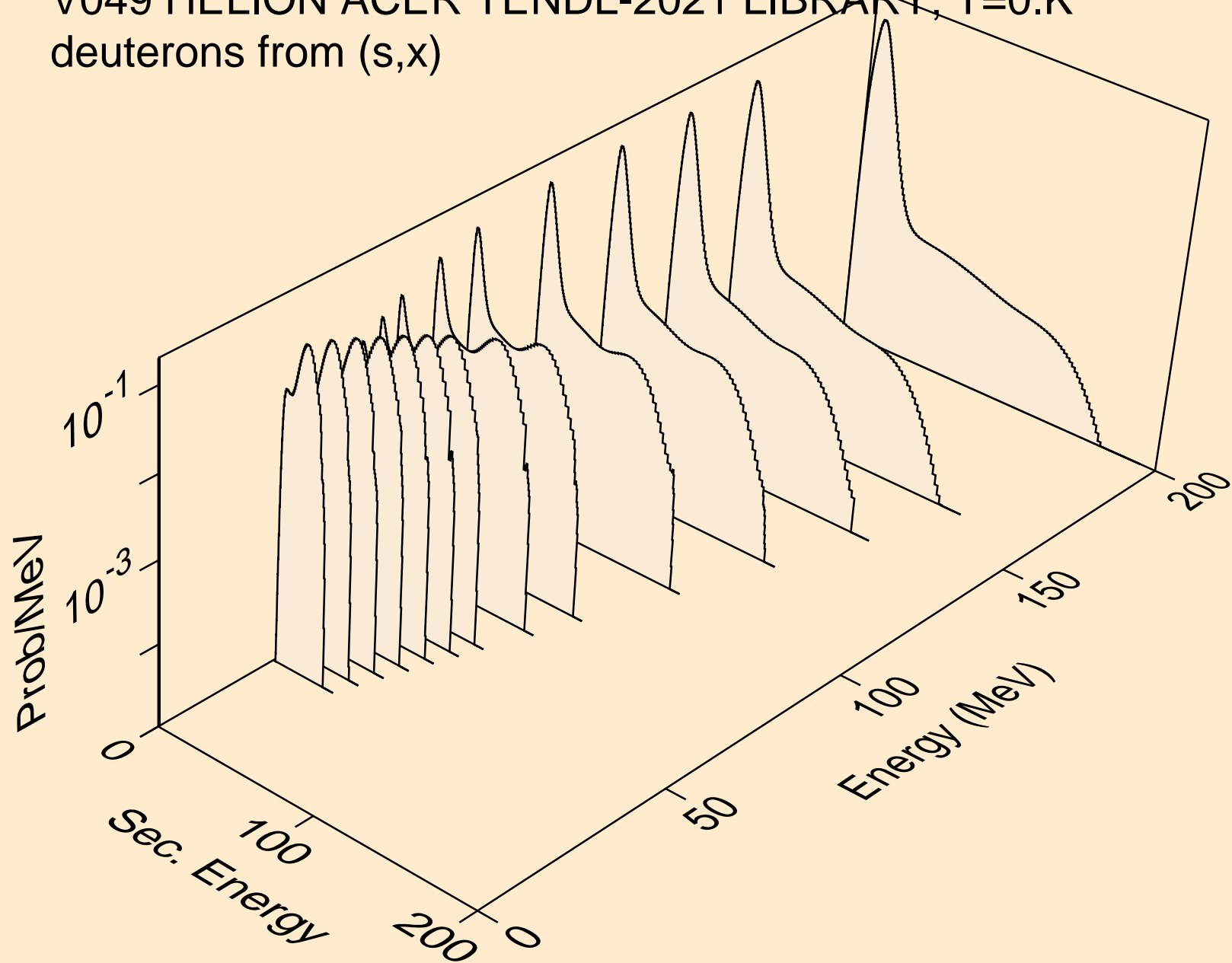
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protons from (s,pd)



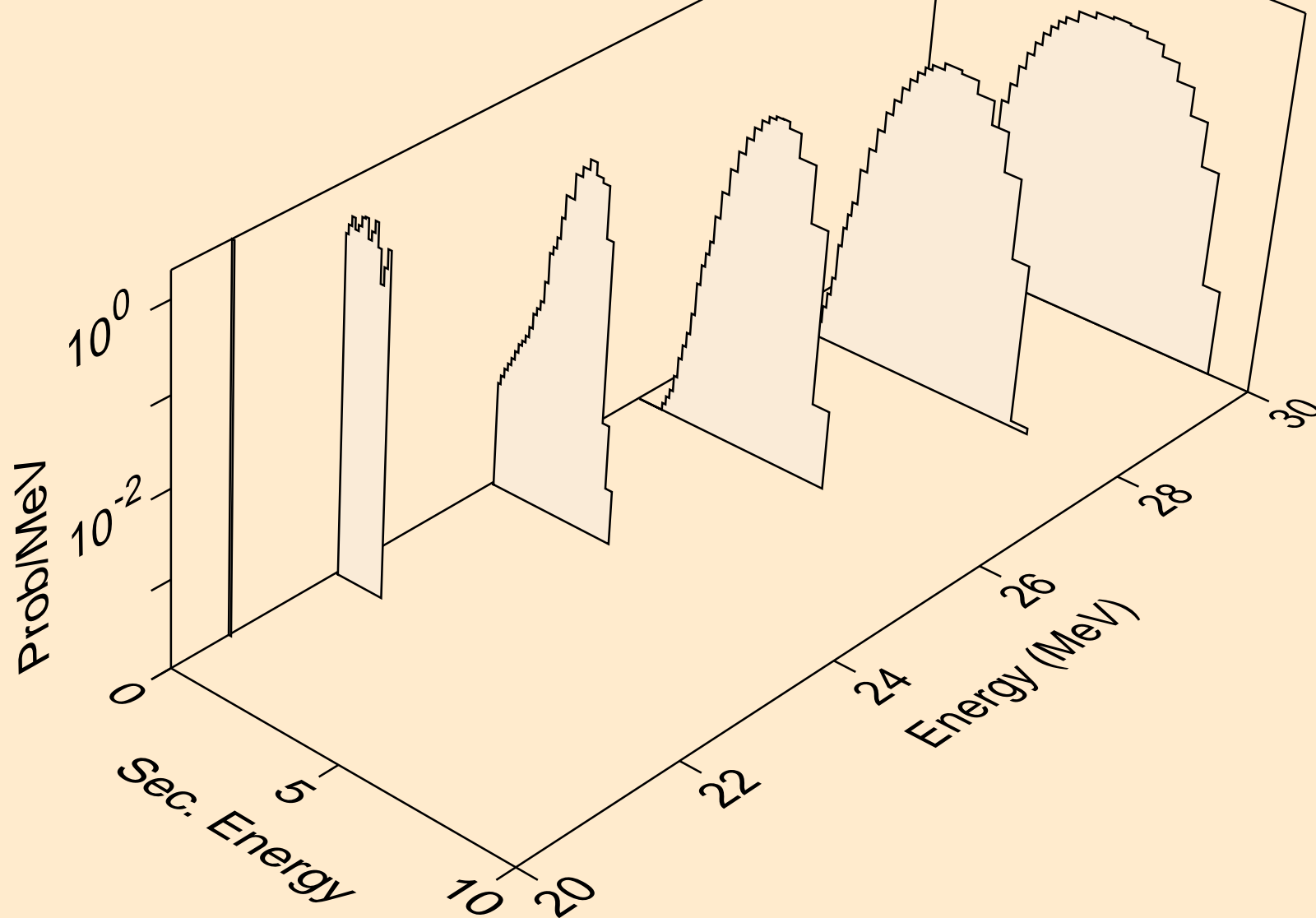
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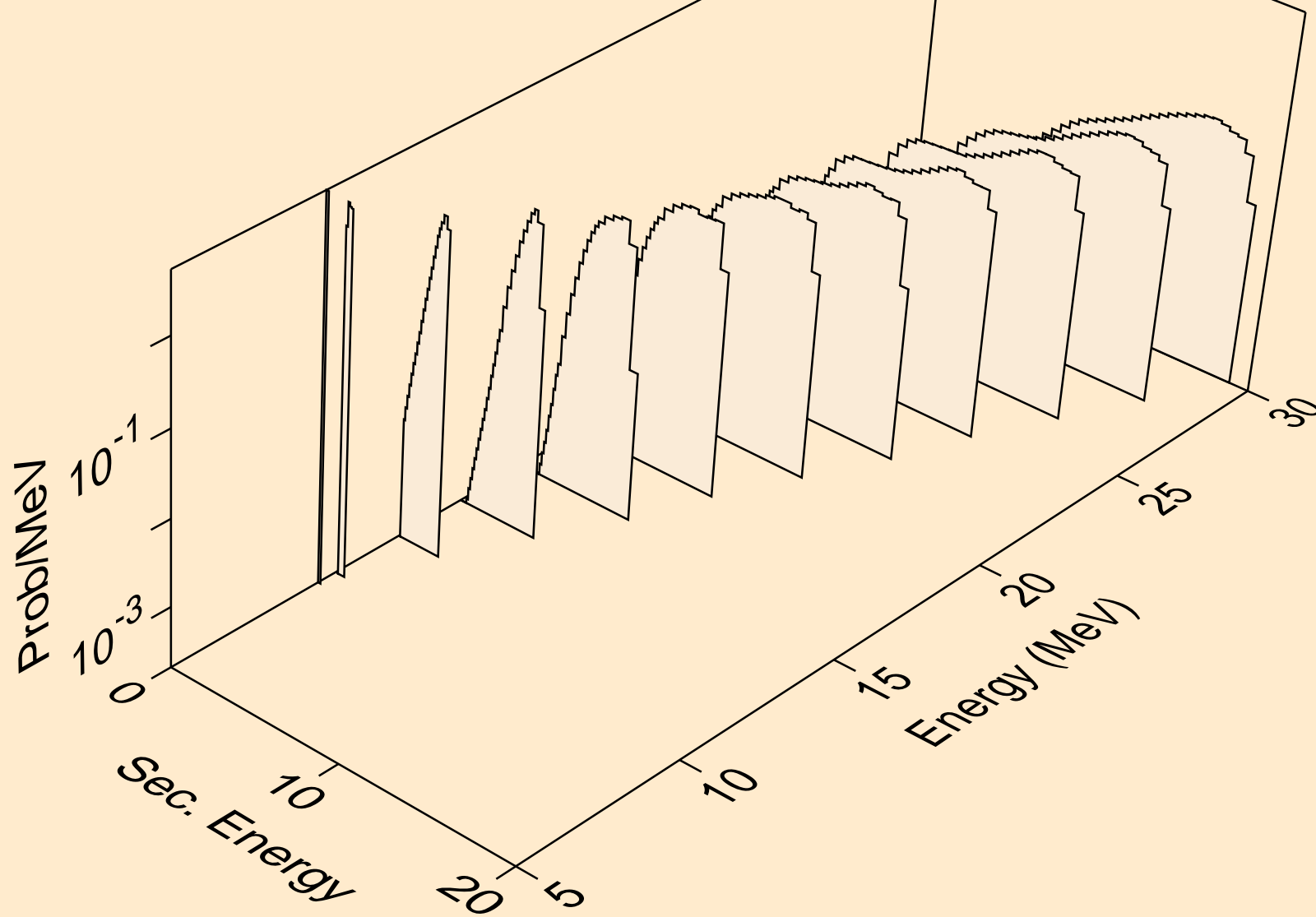
V049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,x)



V049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,2nd)

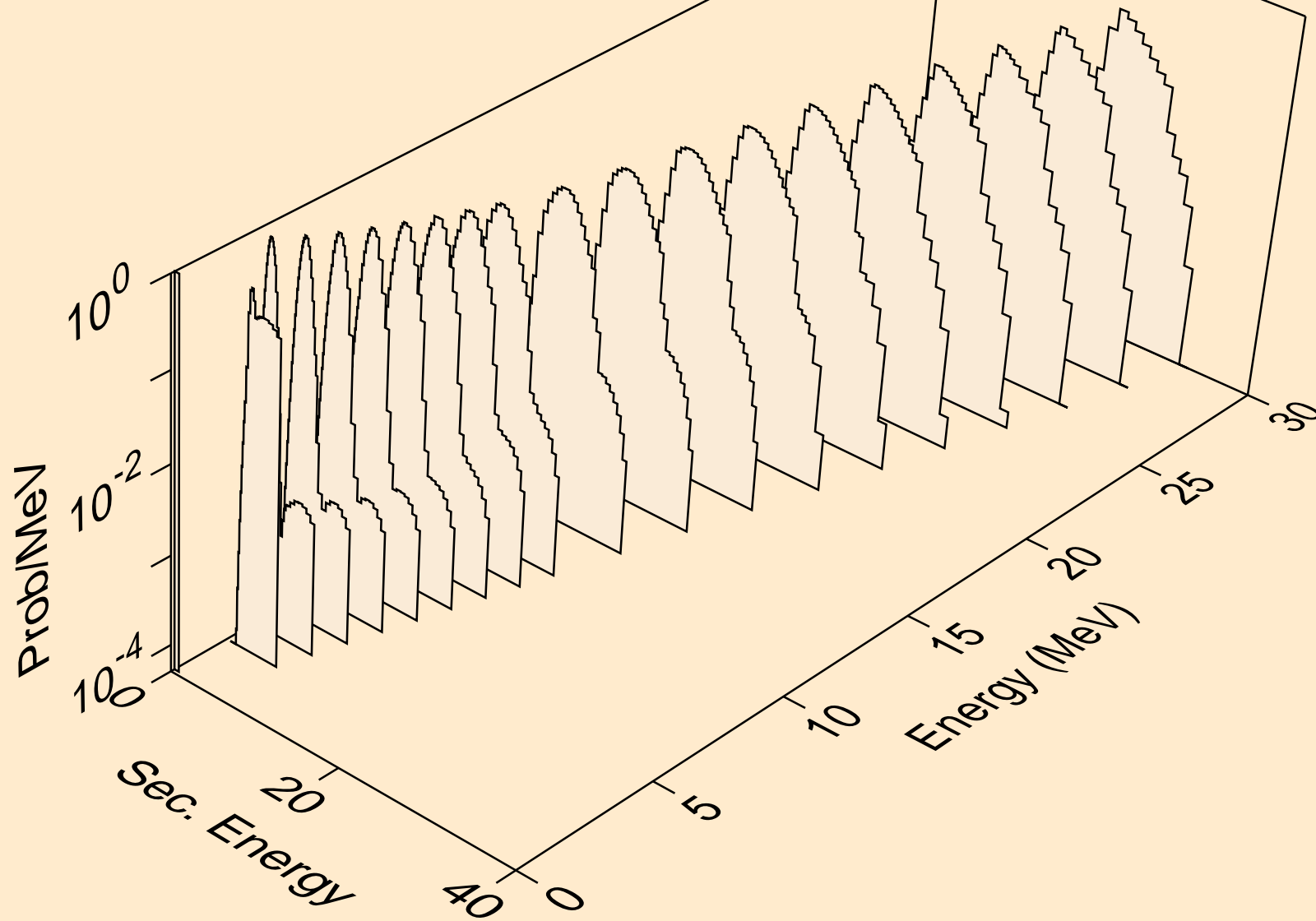


V049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
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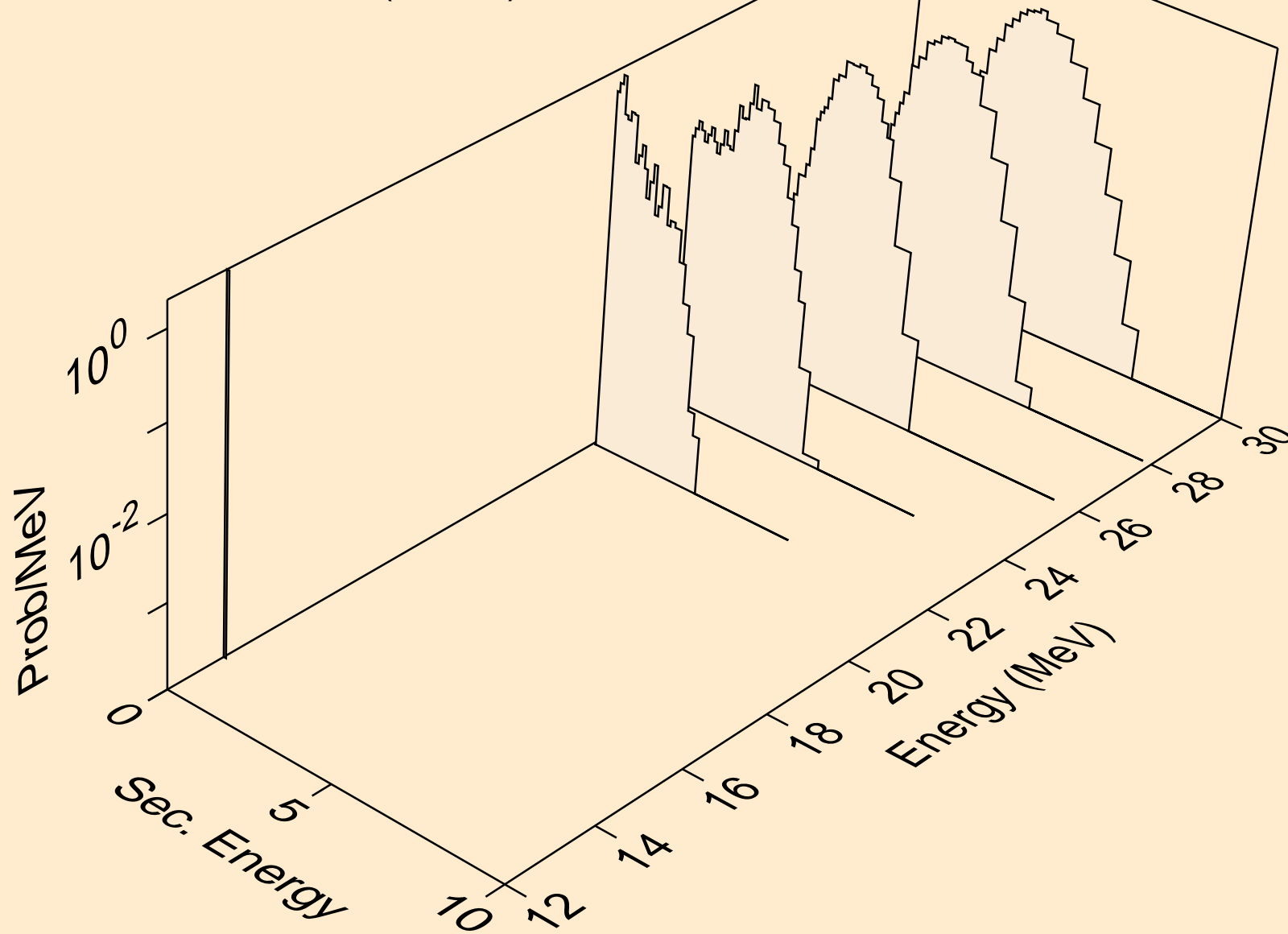




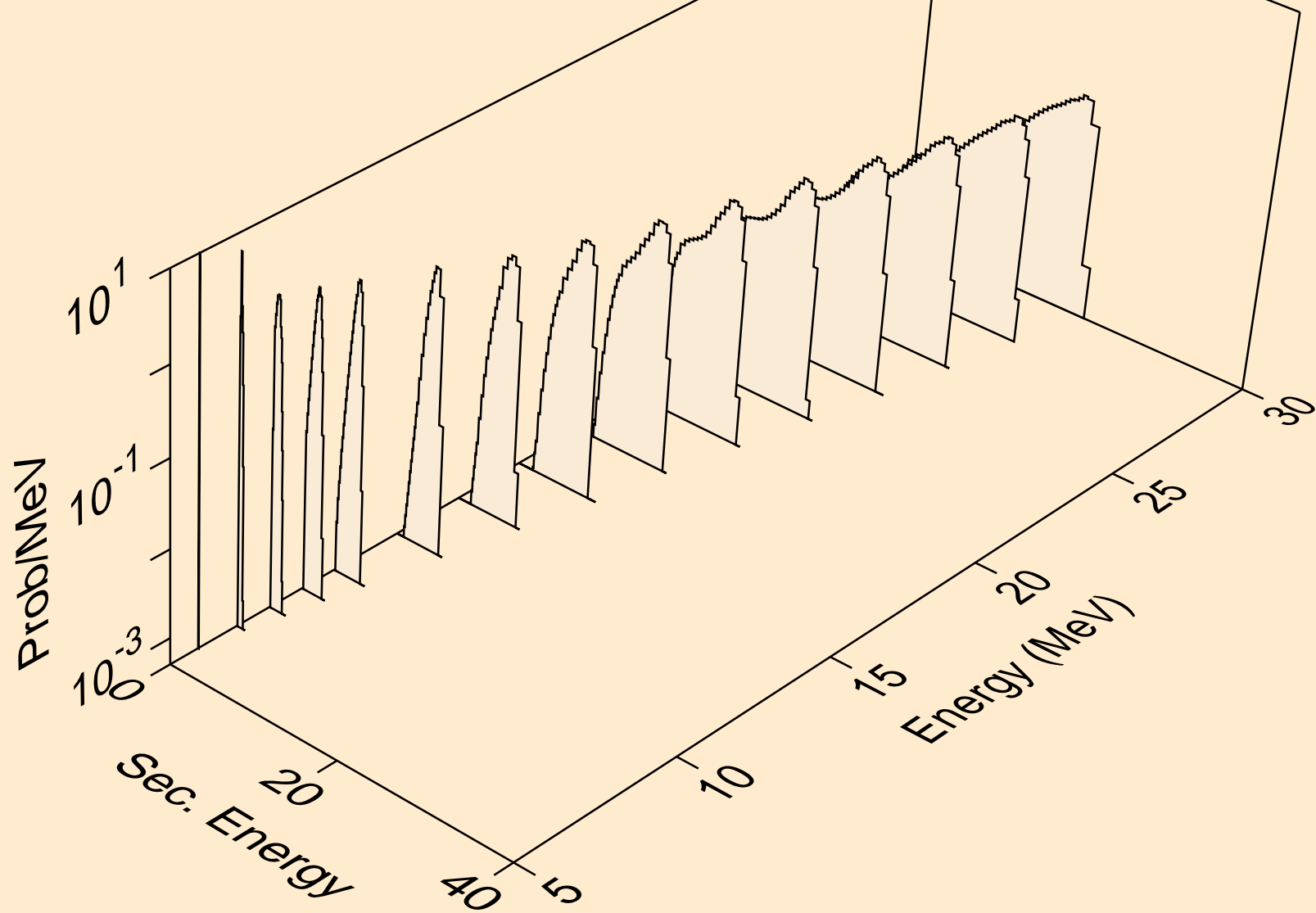
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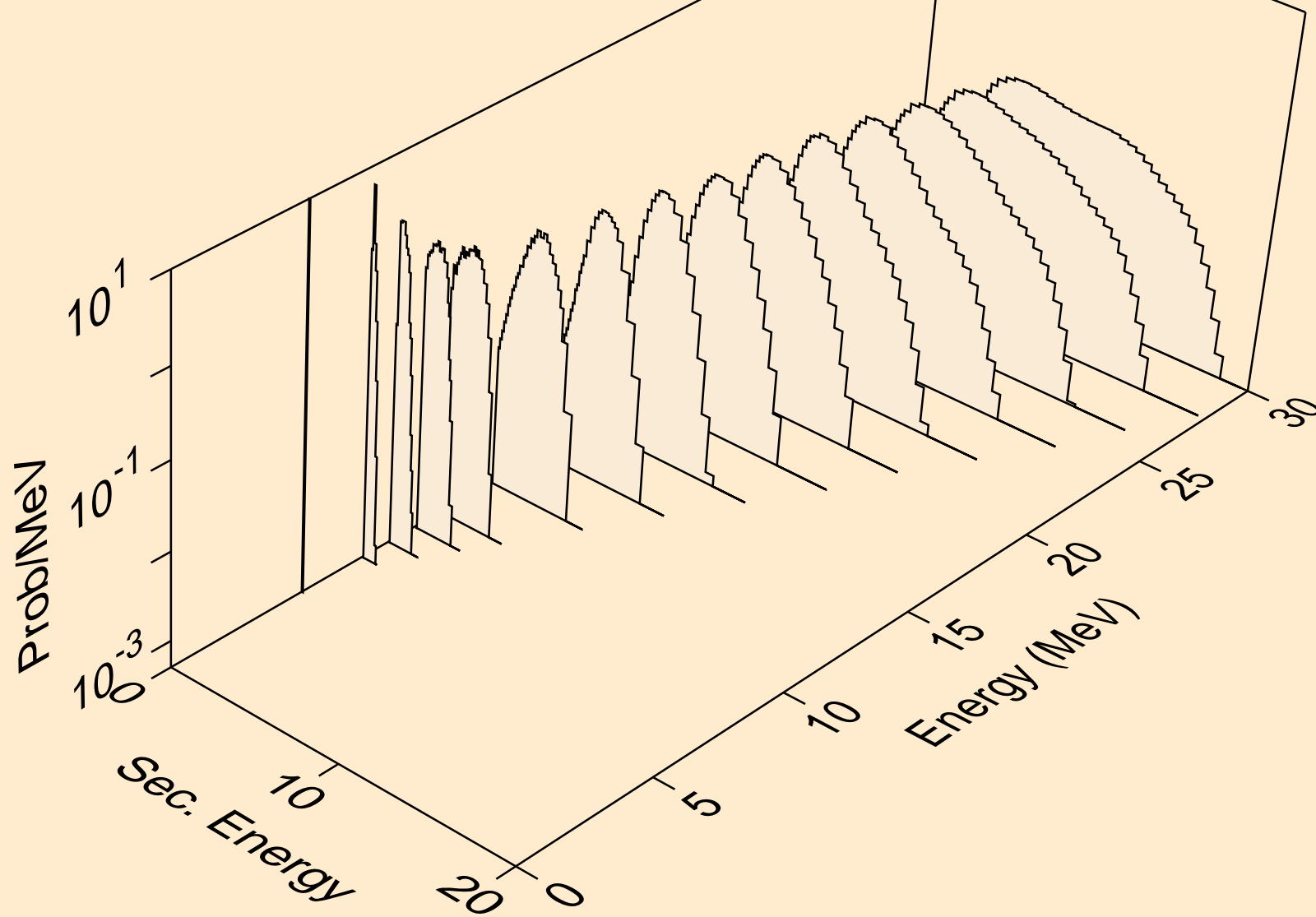
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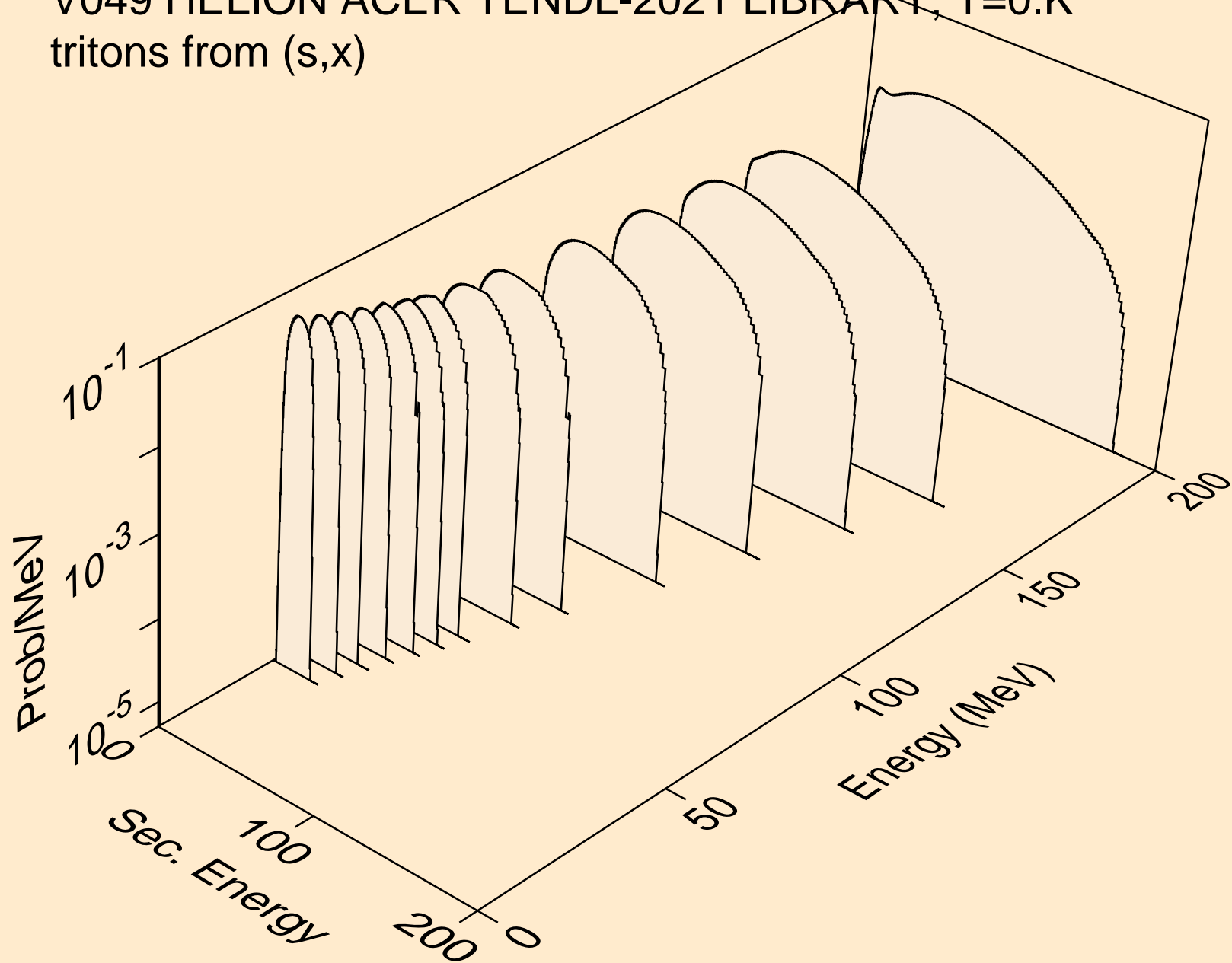
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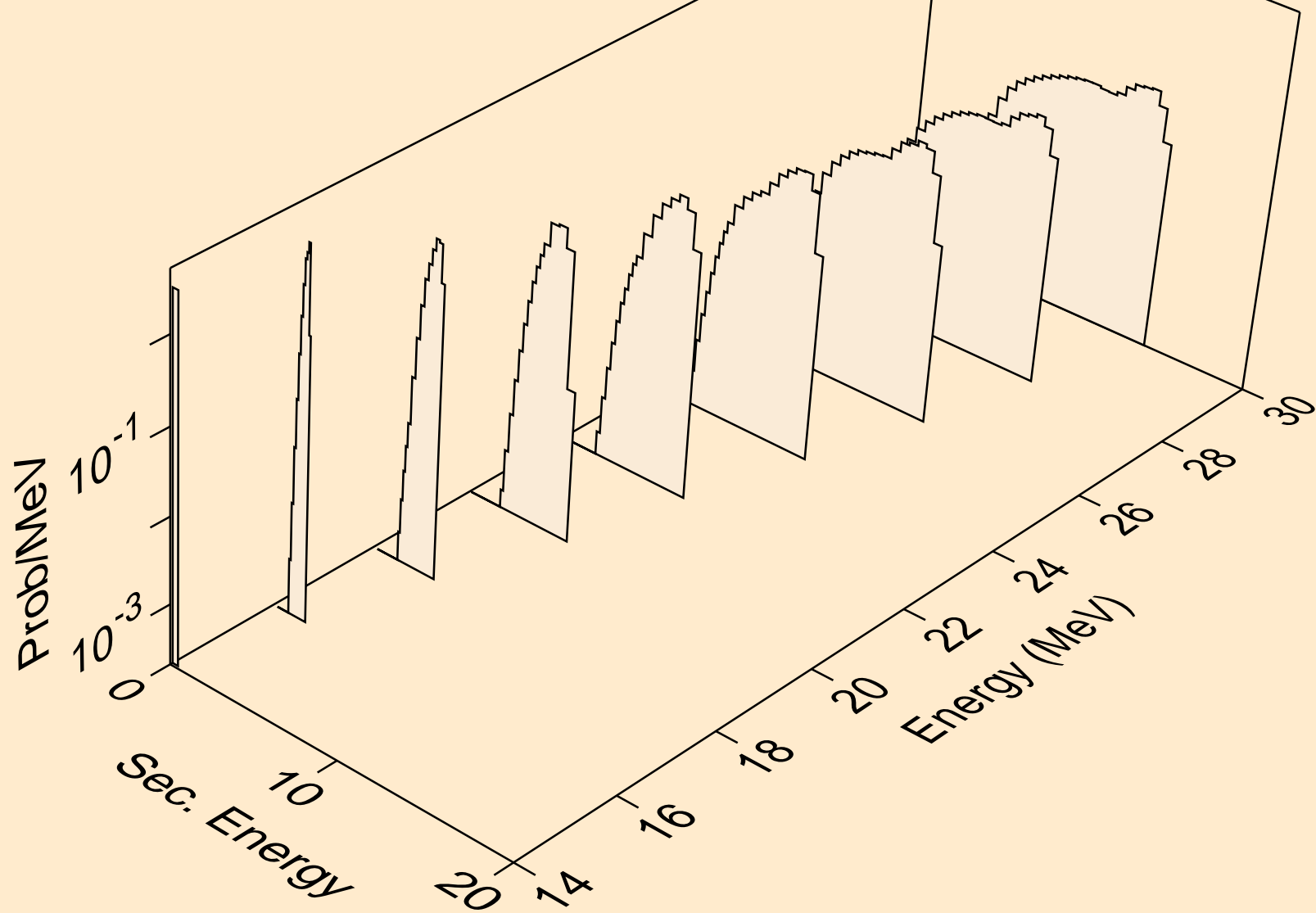
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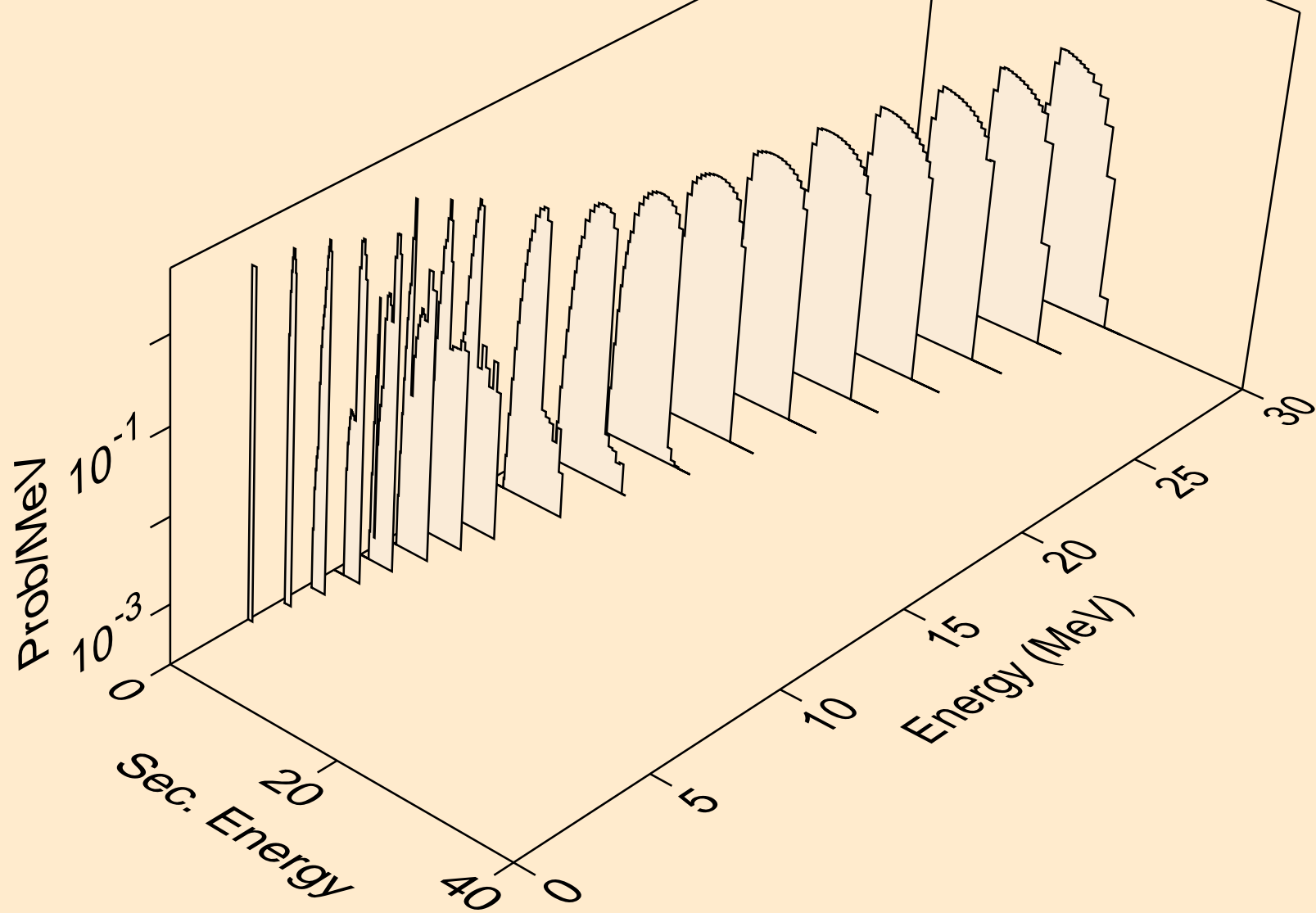
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tritons from (s,x)



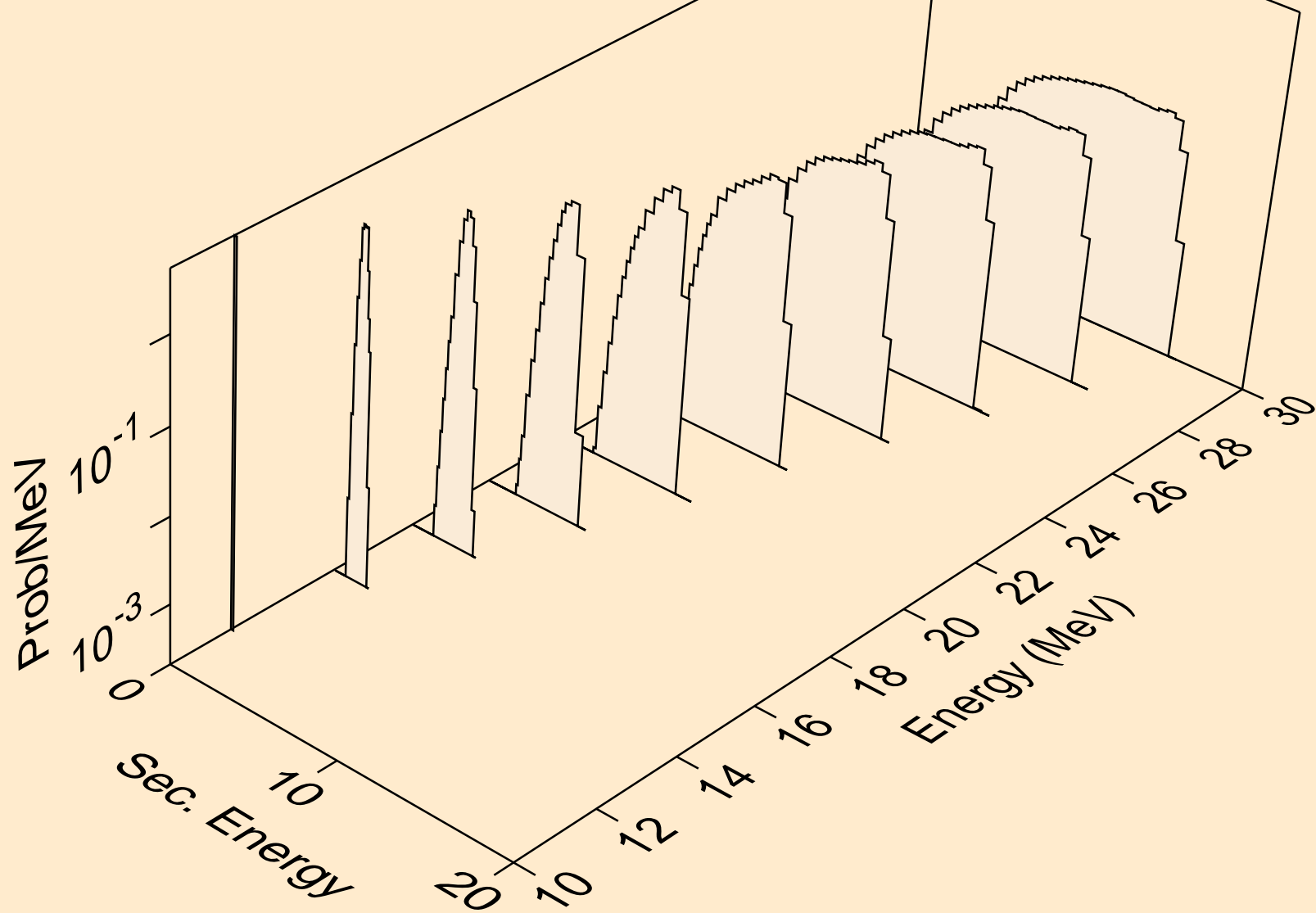
V049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,n\*)t



V049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,t)

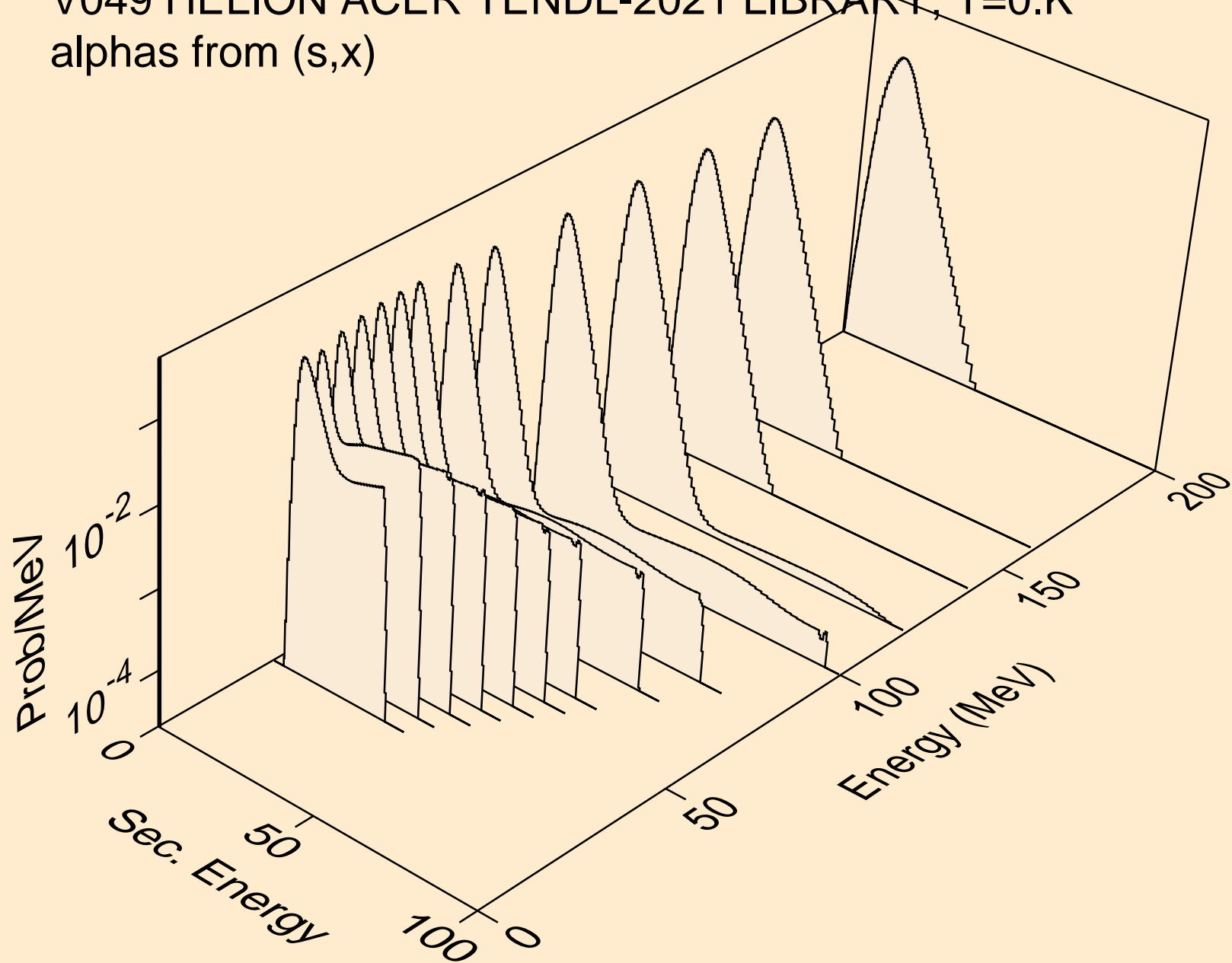


V049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,pt)

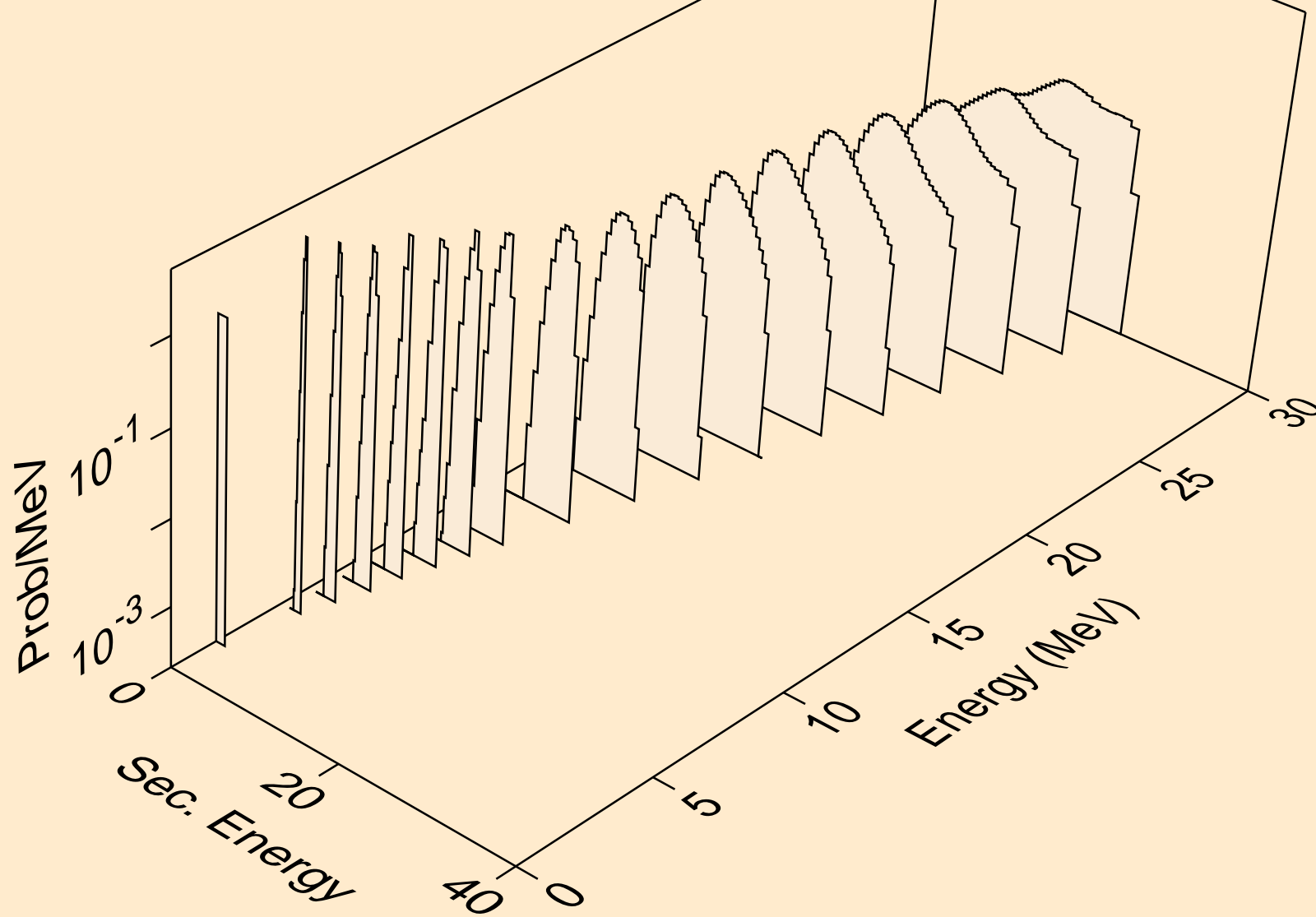




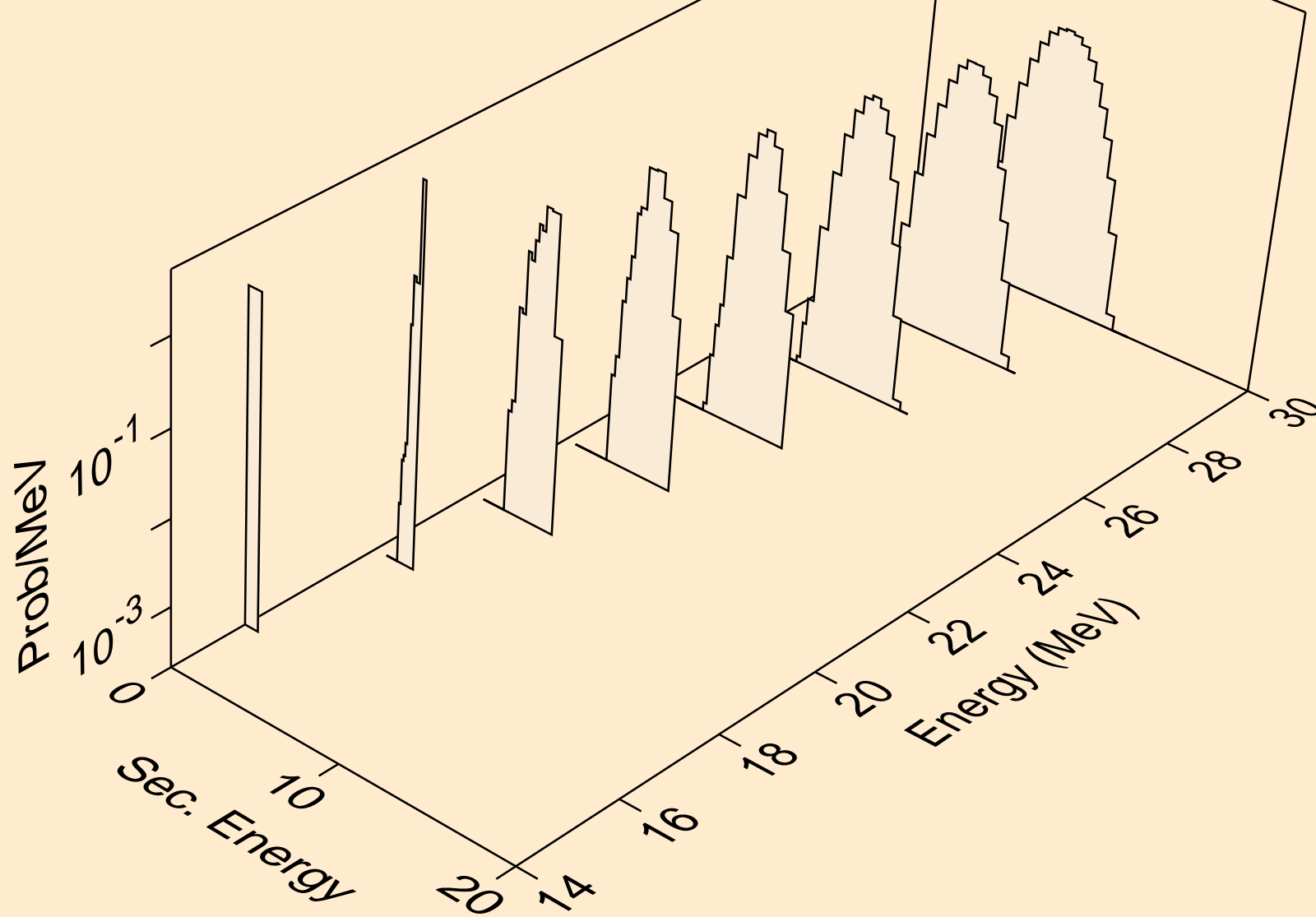
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alphas from (s,x)



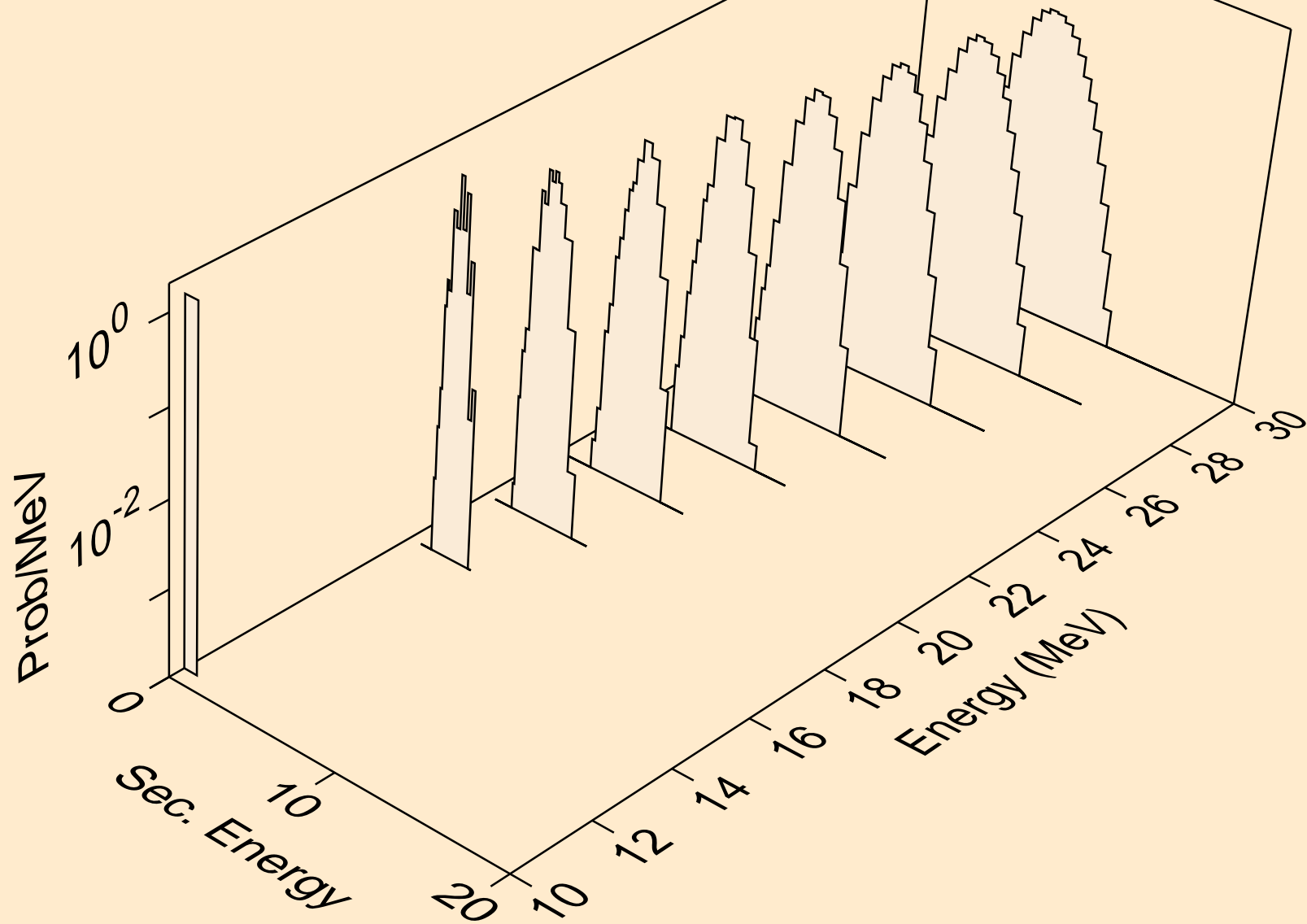
V049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)a



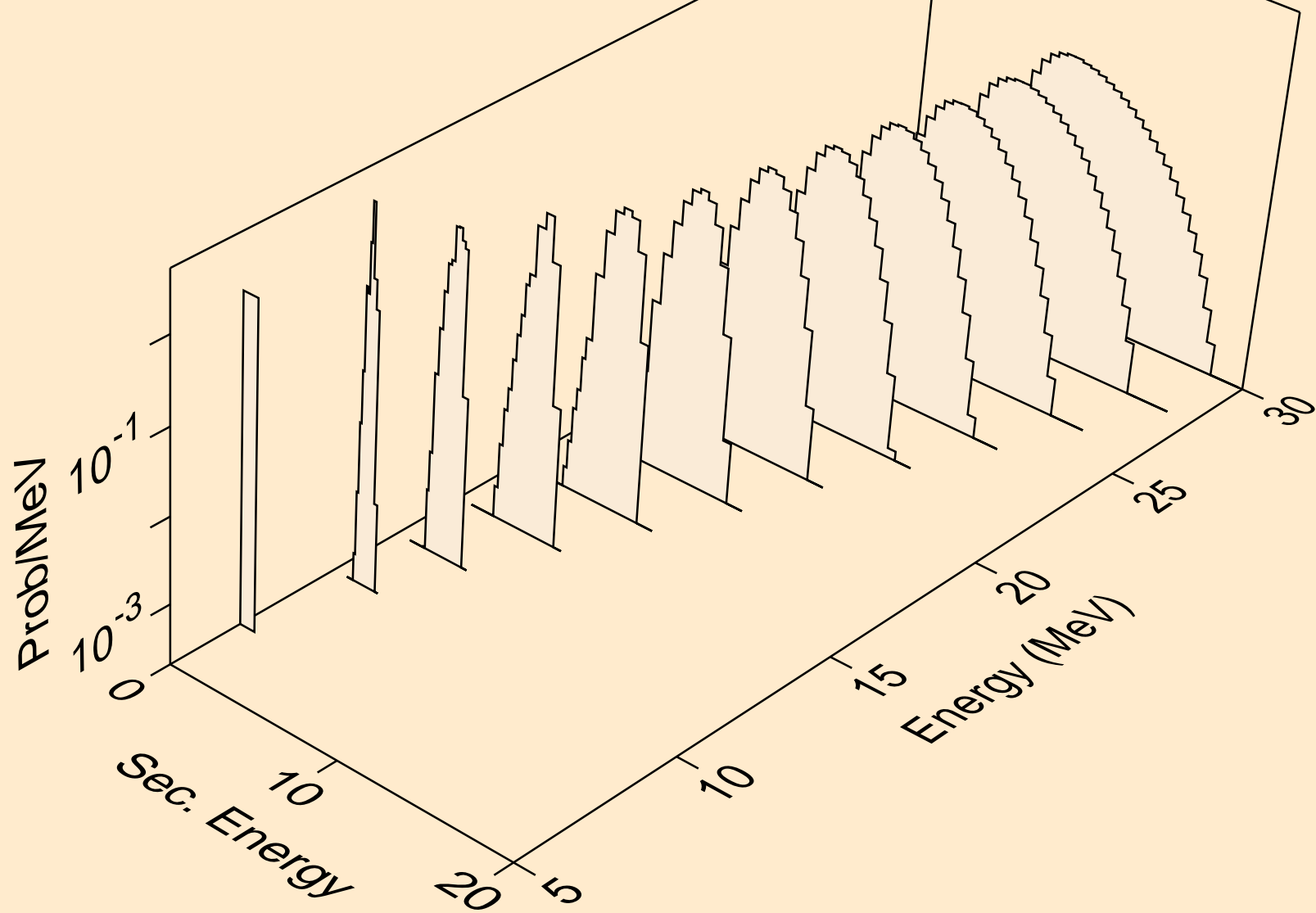
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alphas from (s,2n)a



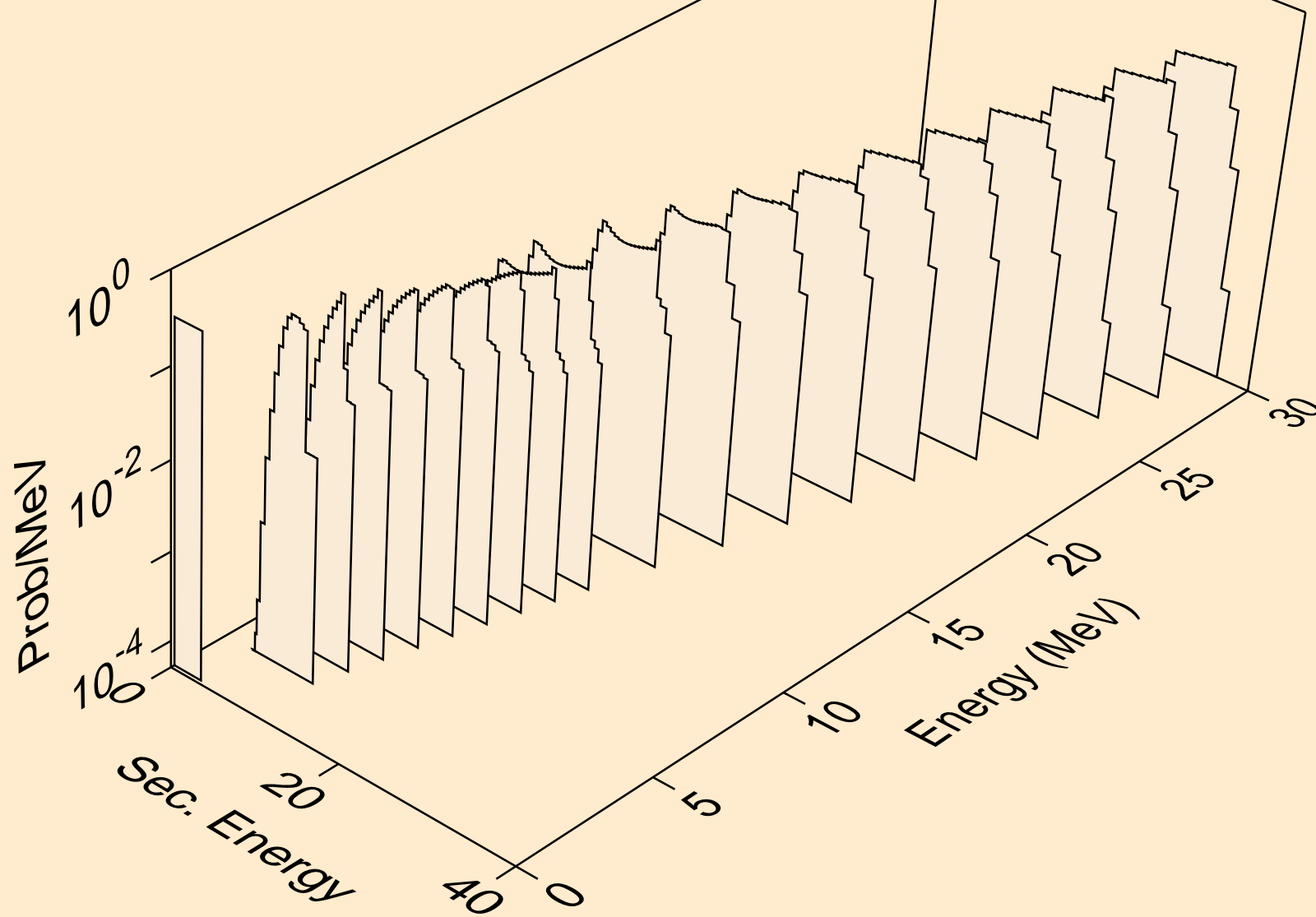
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alphas from (s,n\*)2a



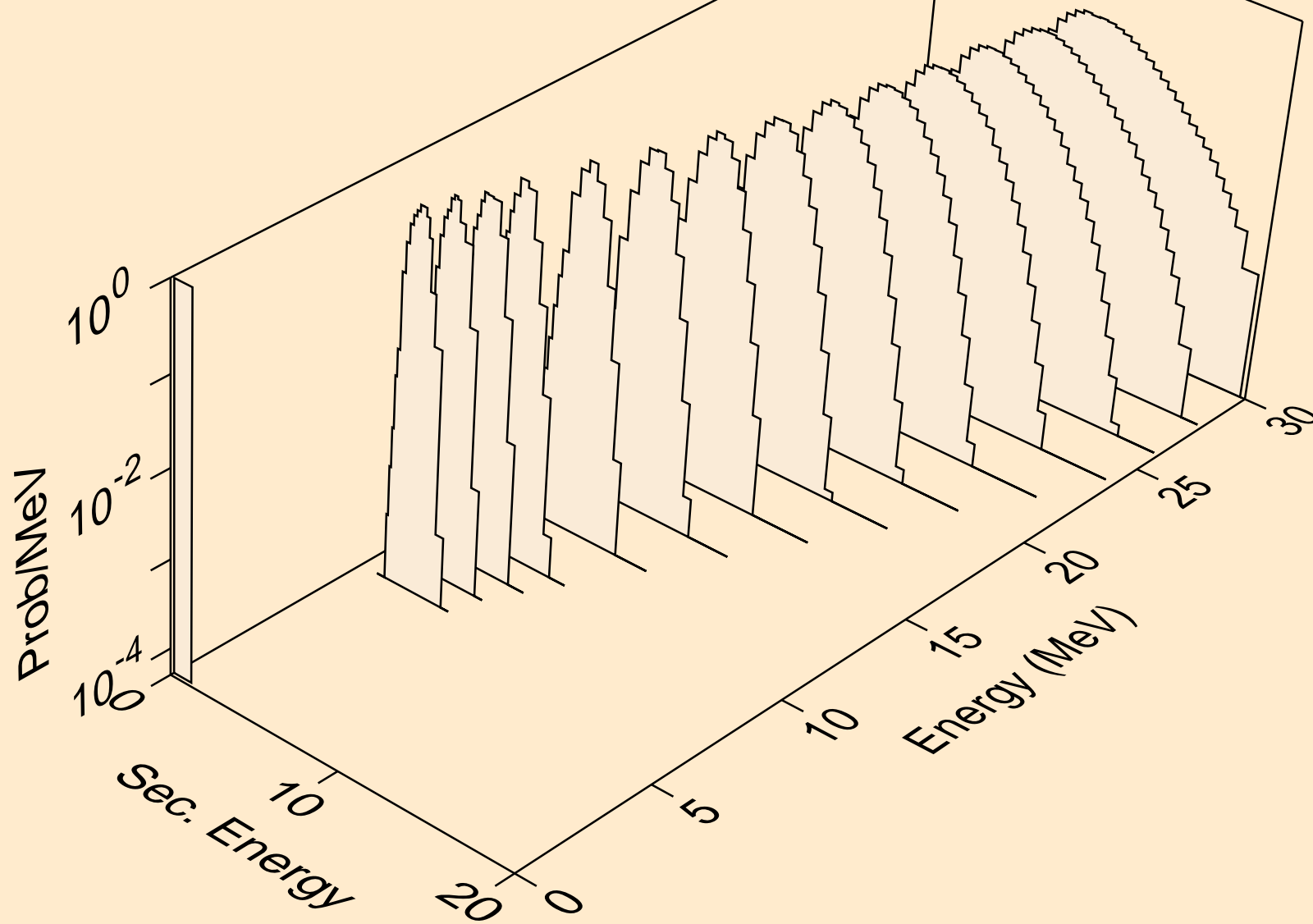
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alphas from (s,npa)



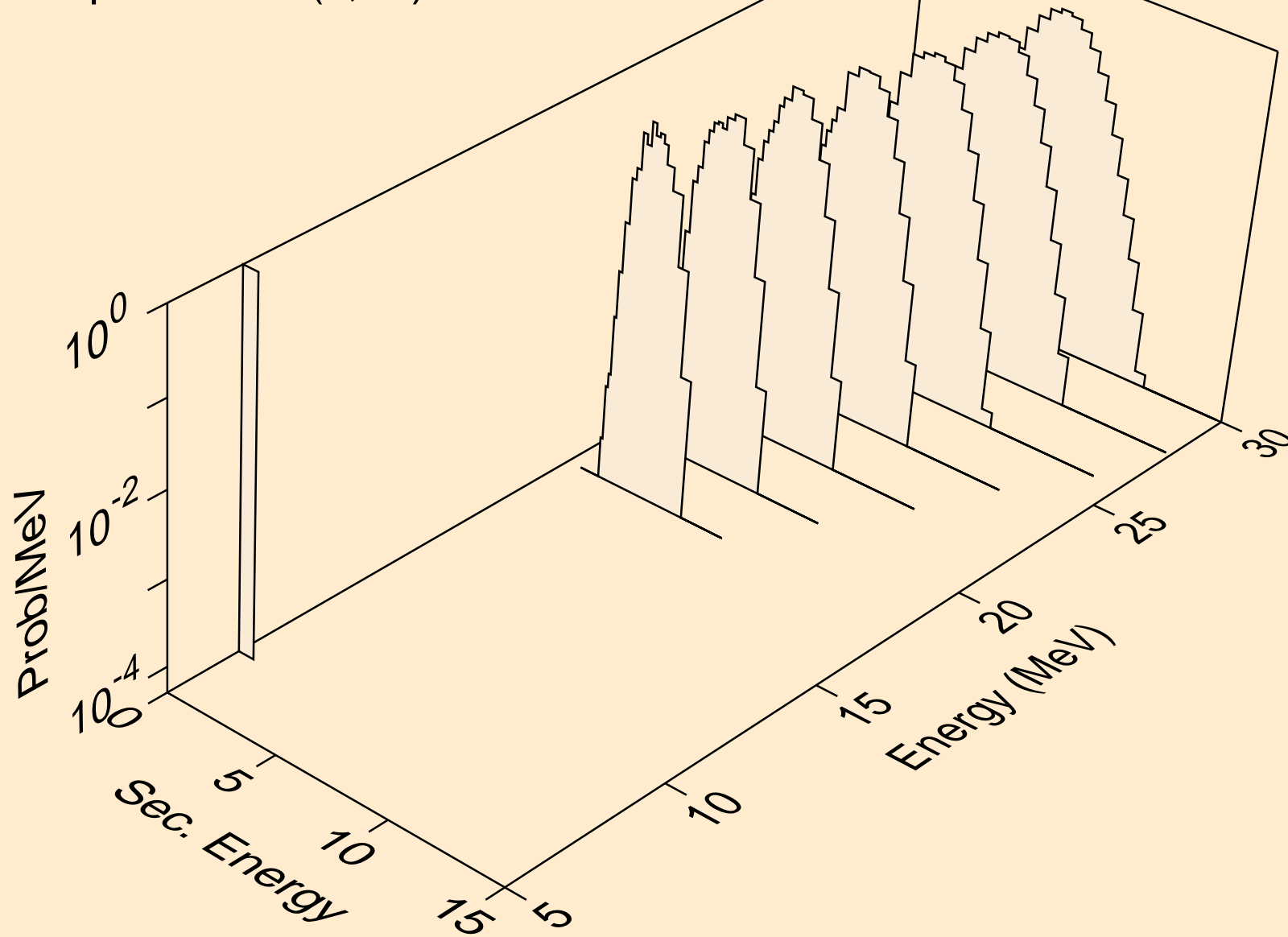
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alphas from (s,a)



V049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2a)

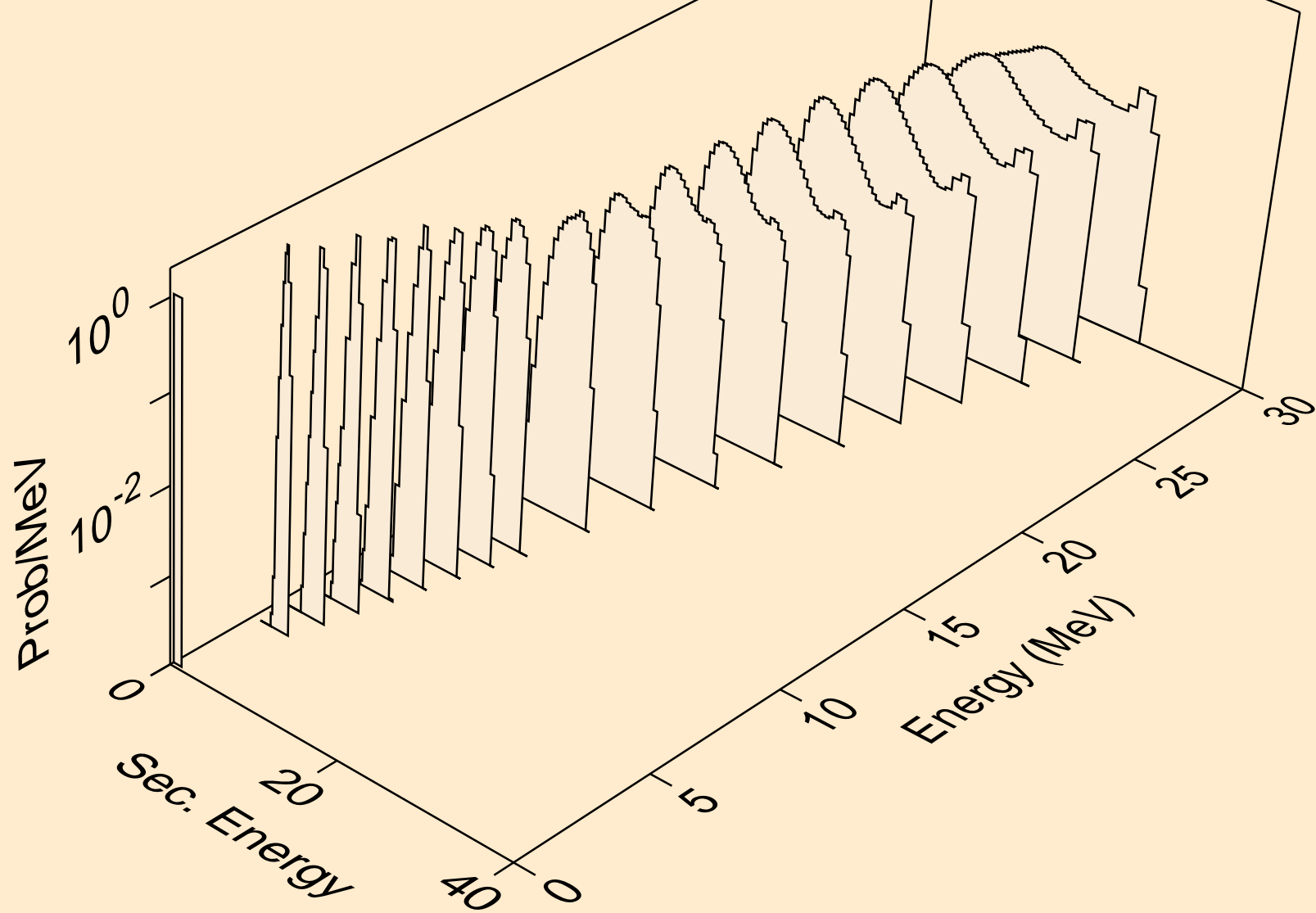


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alphas from (s,3a)

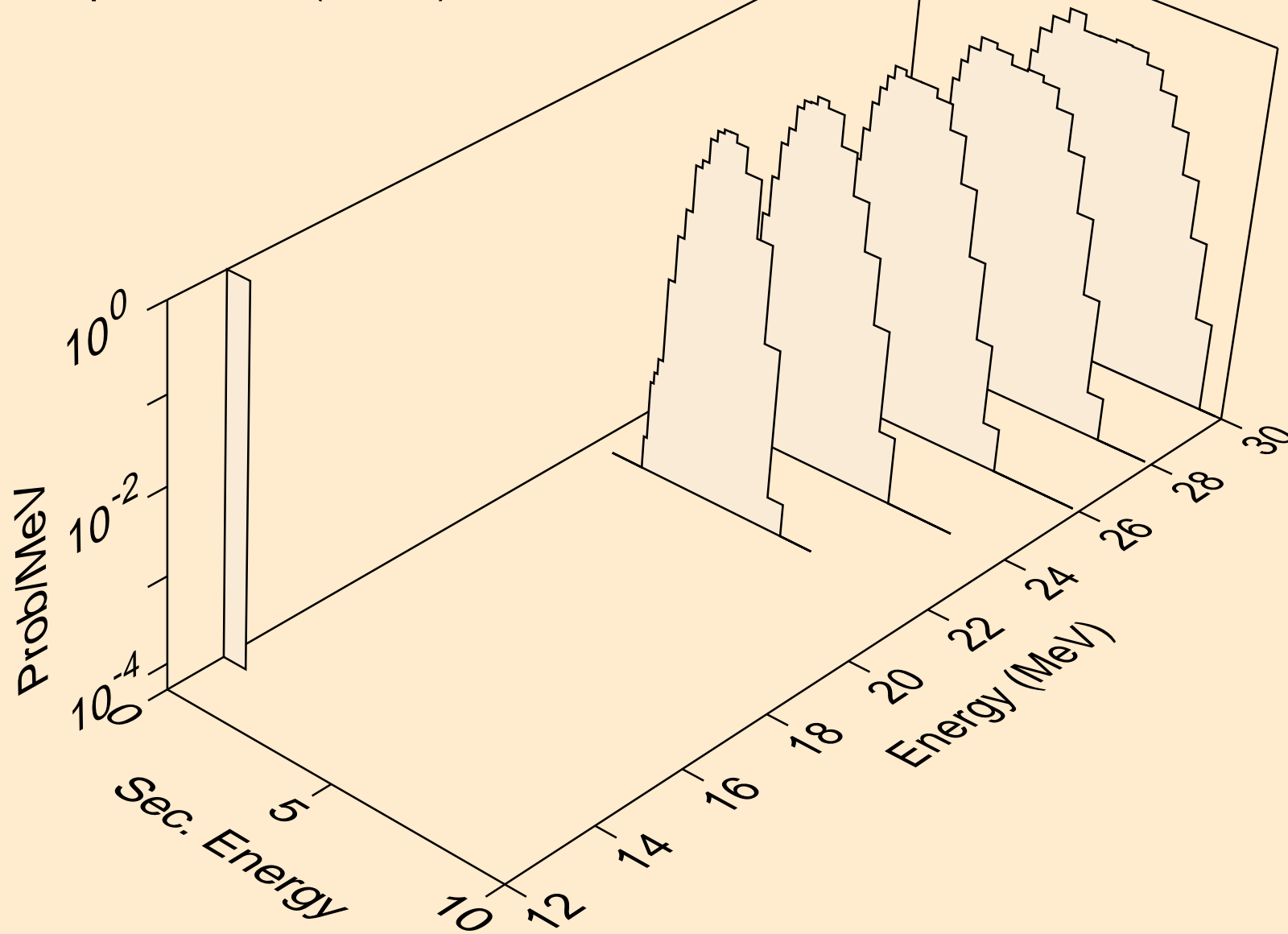




V049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,pa)



V049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,d2a)



V049 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,da)

