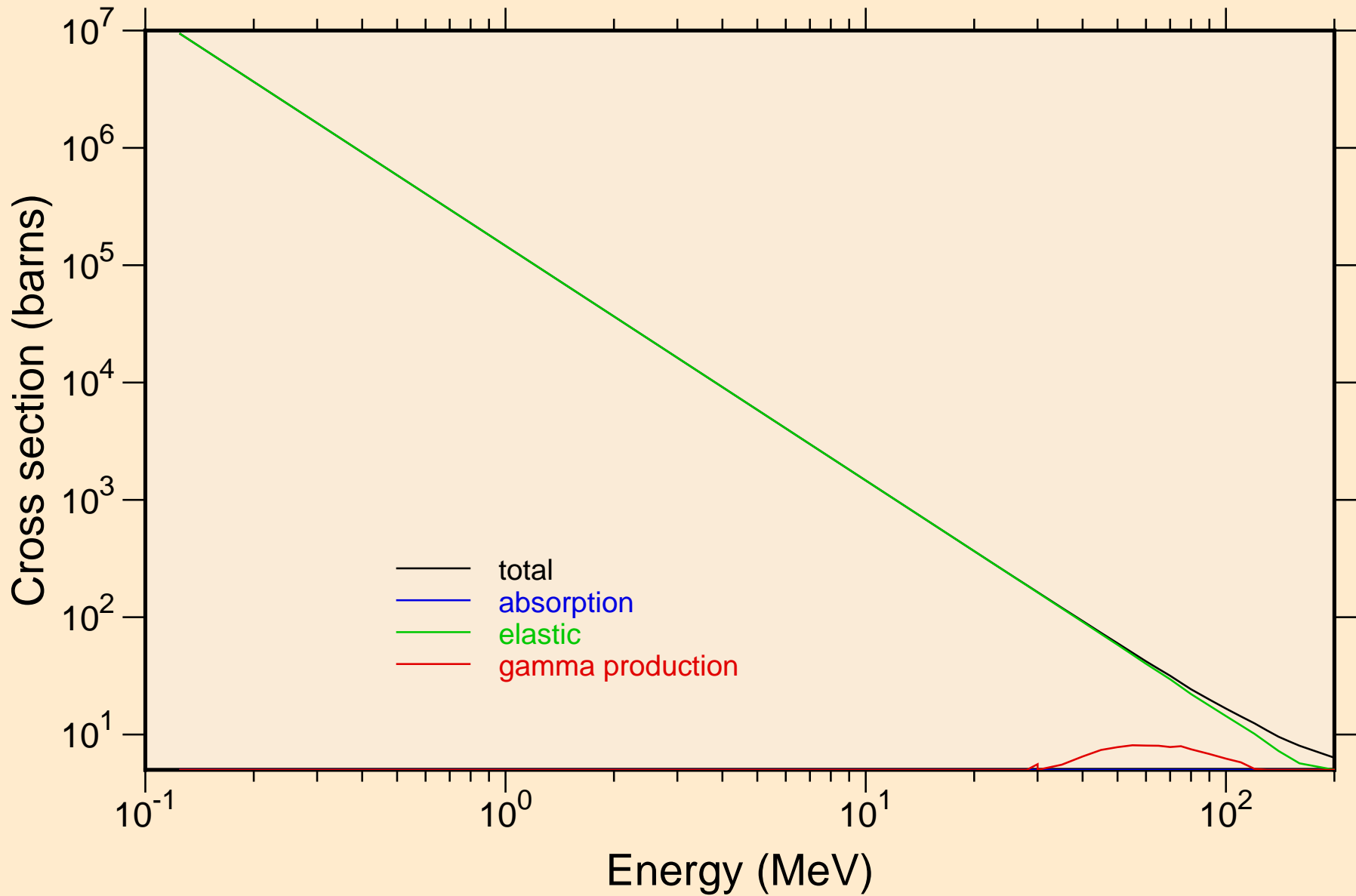
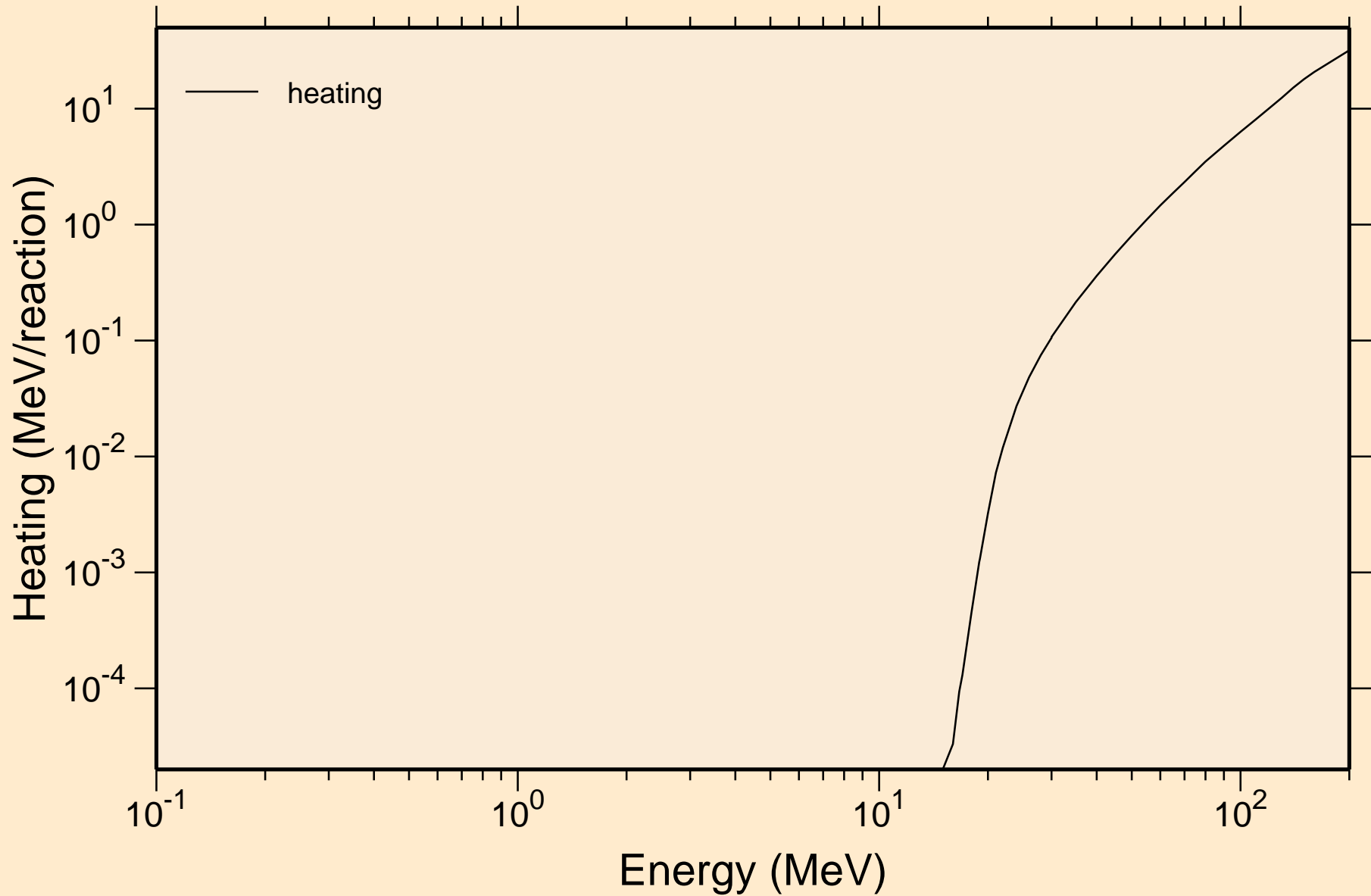


OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections



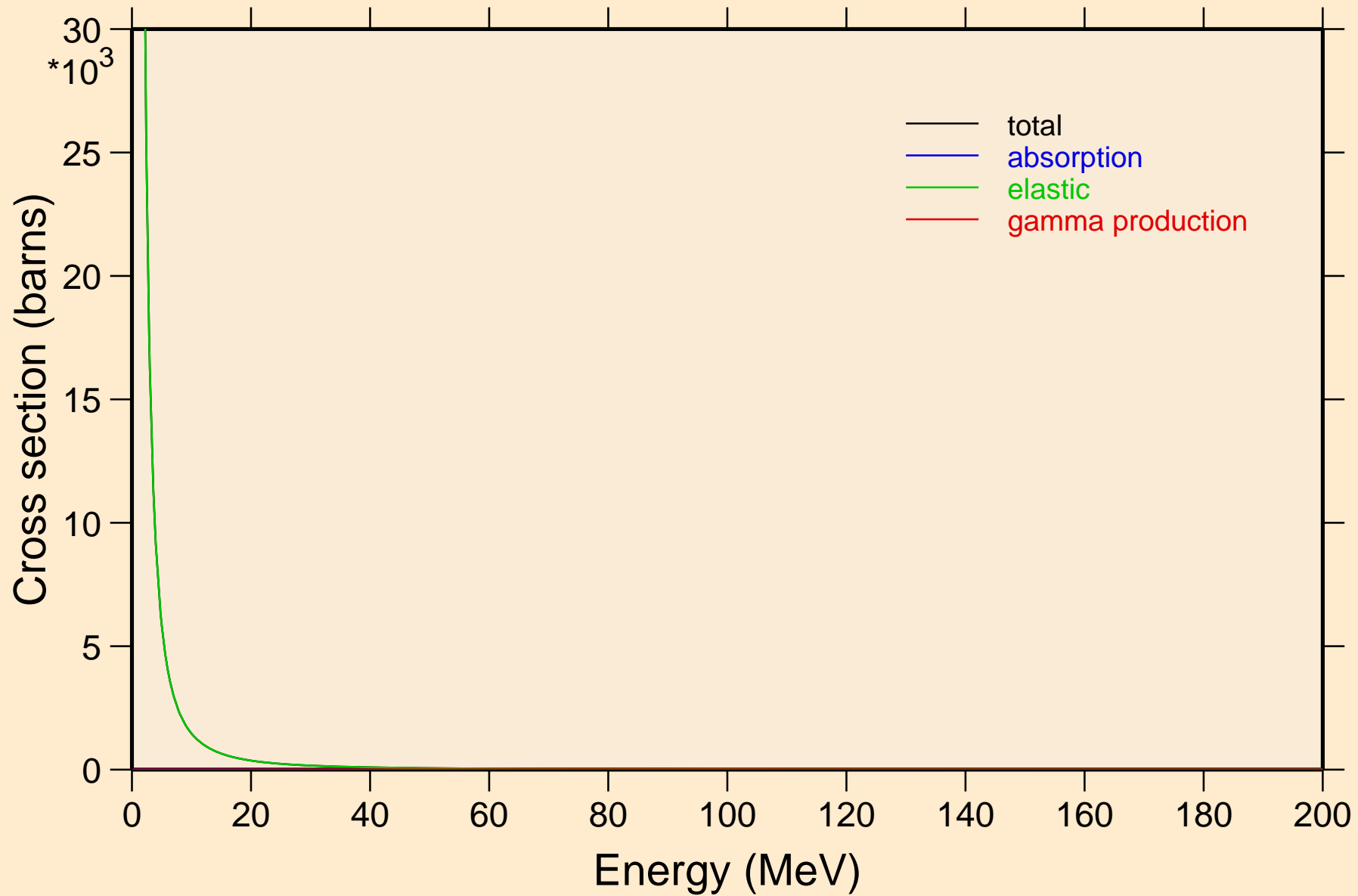
# OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Heating



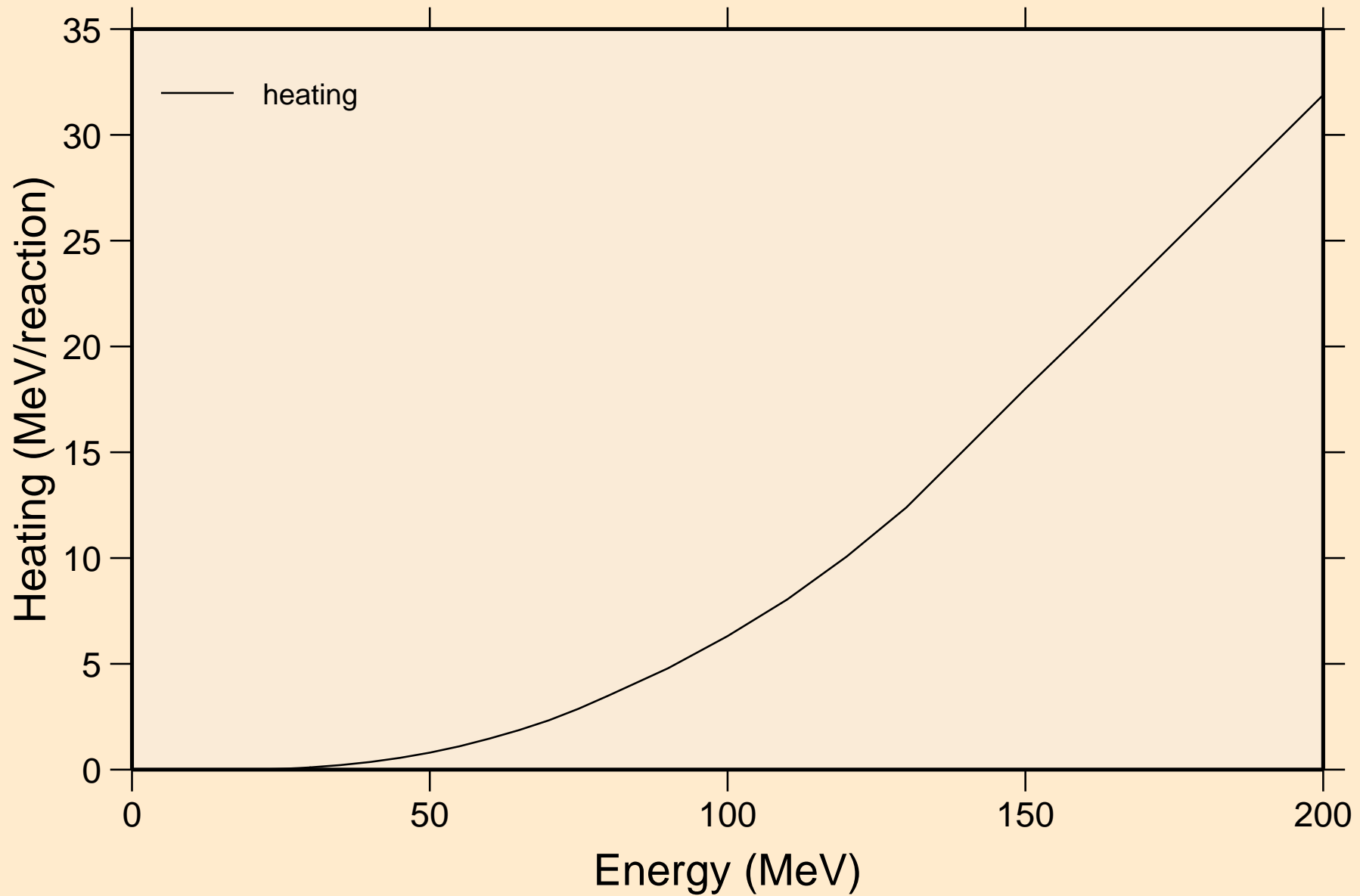
# OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

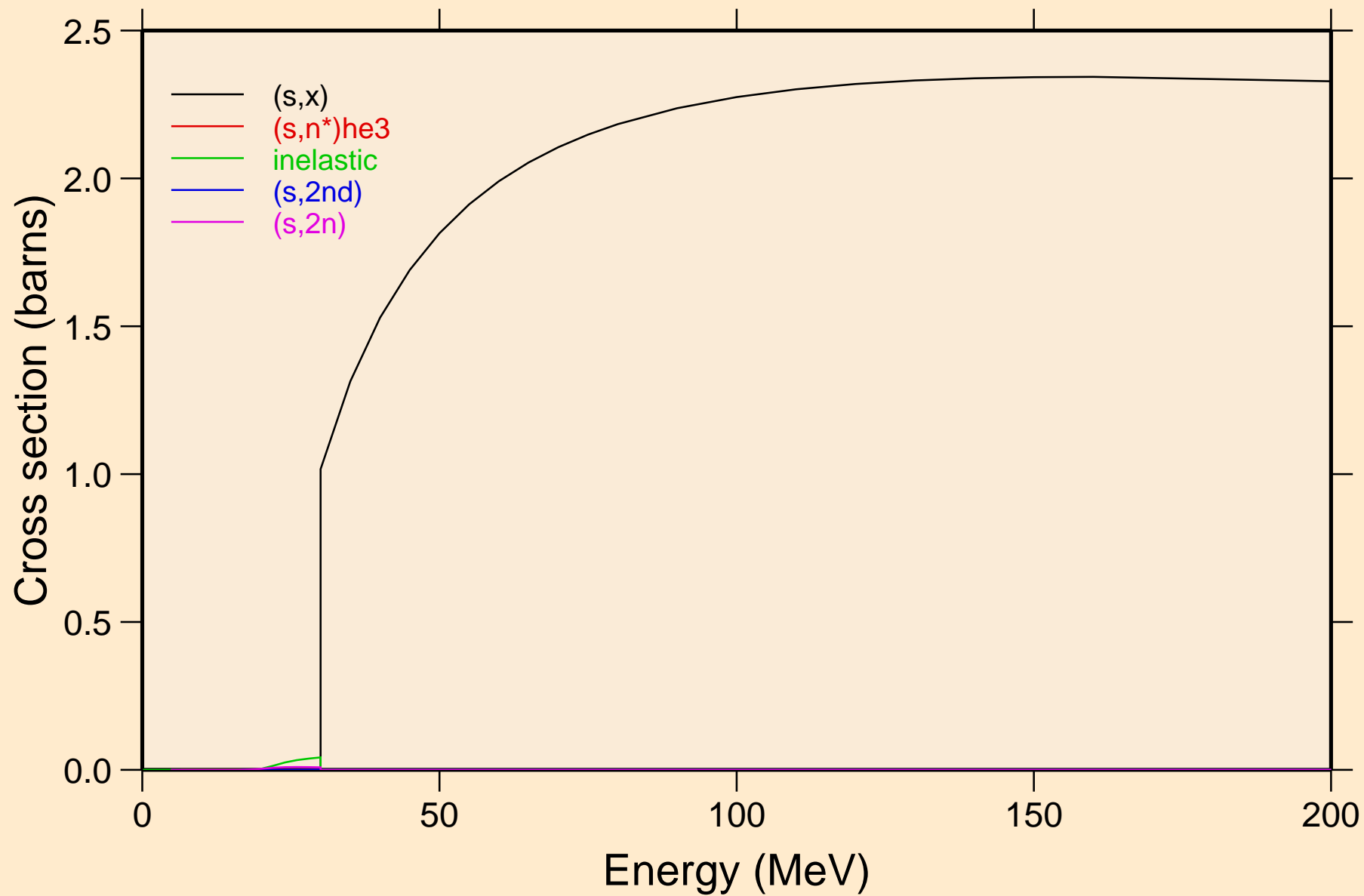


OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K

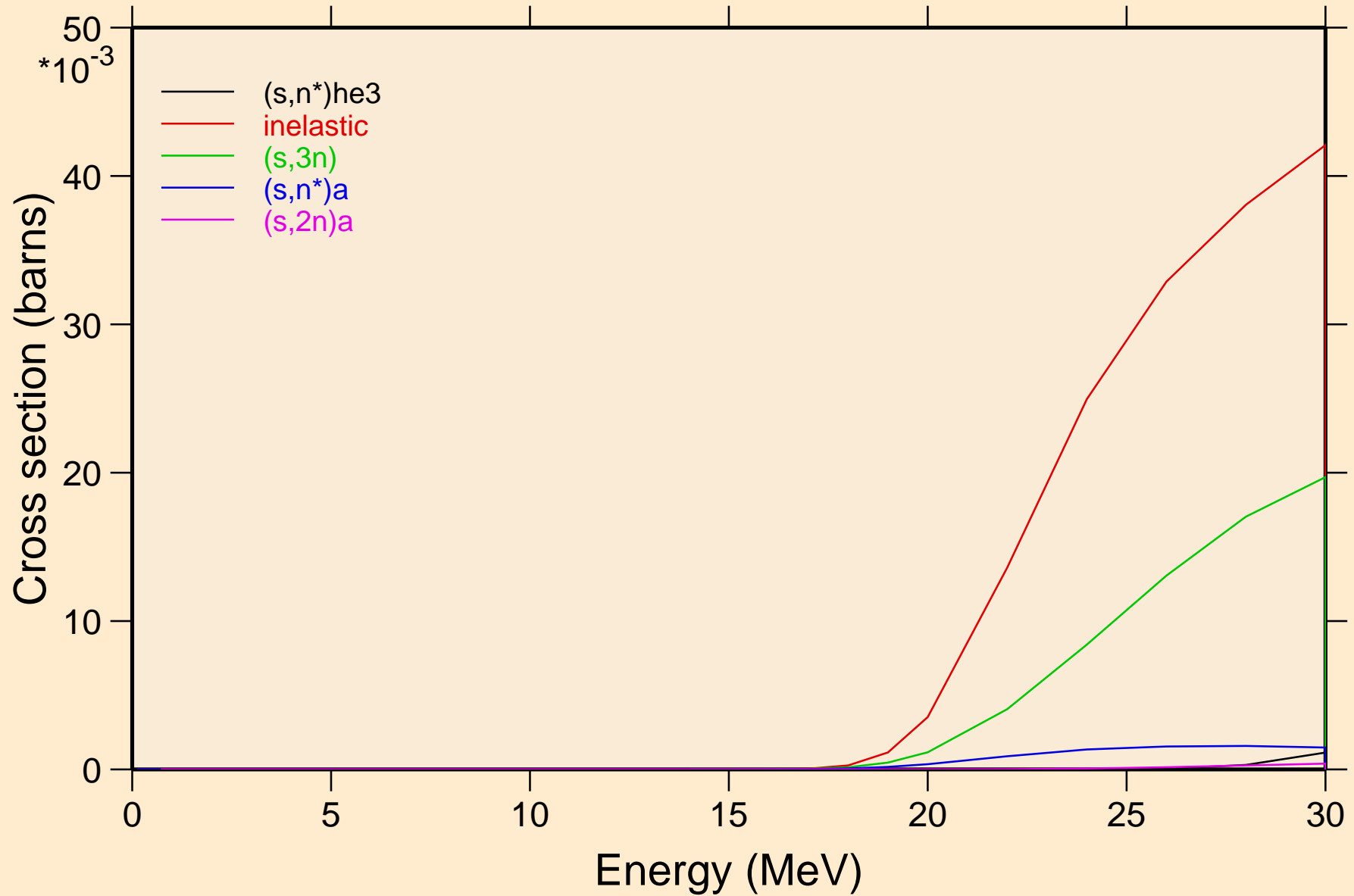
Heating



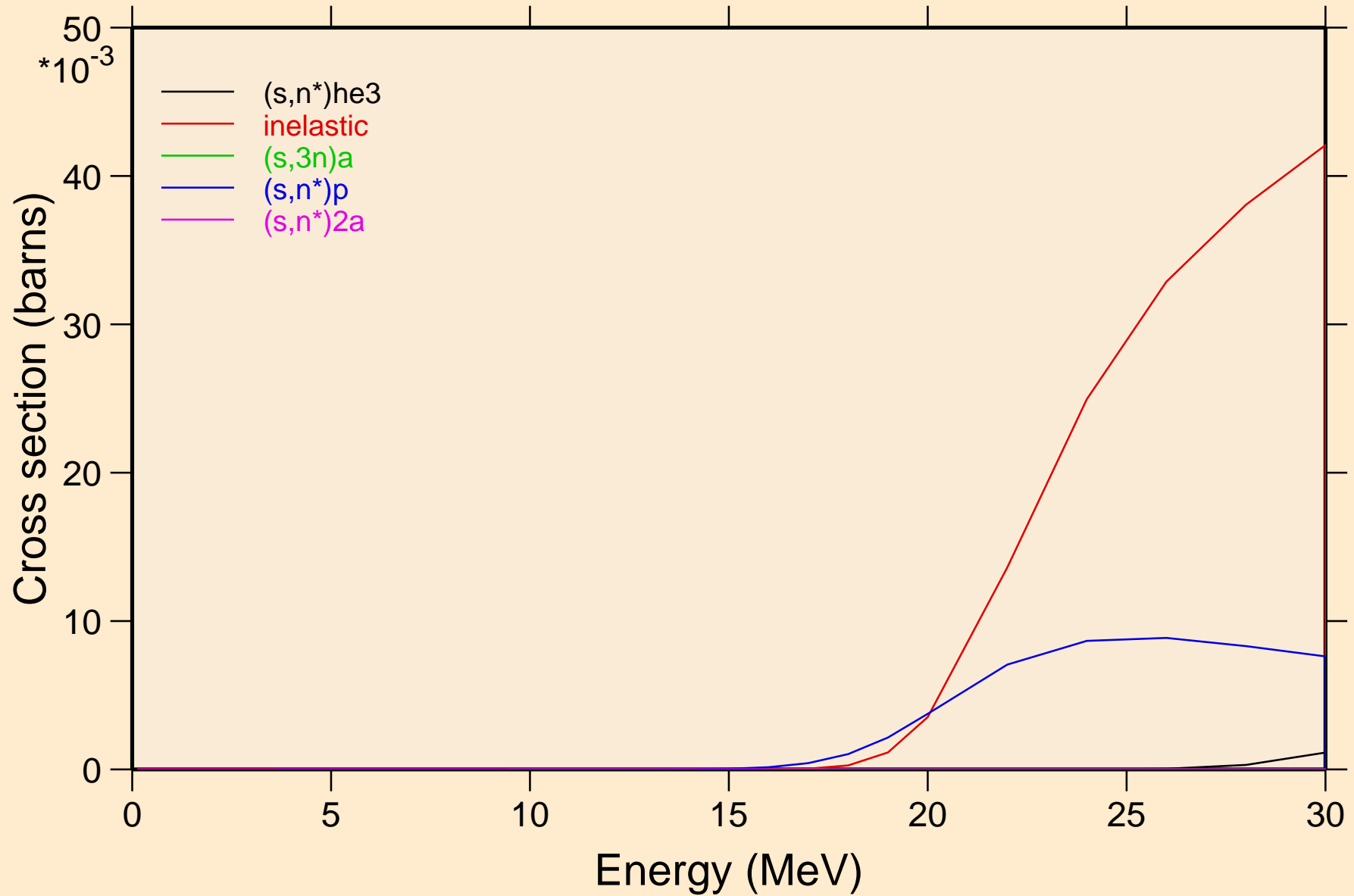
OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

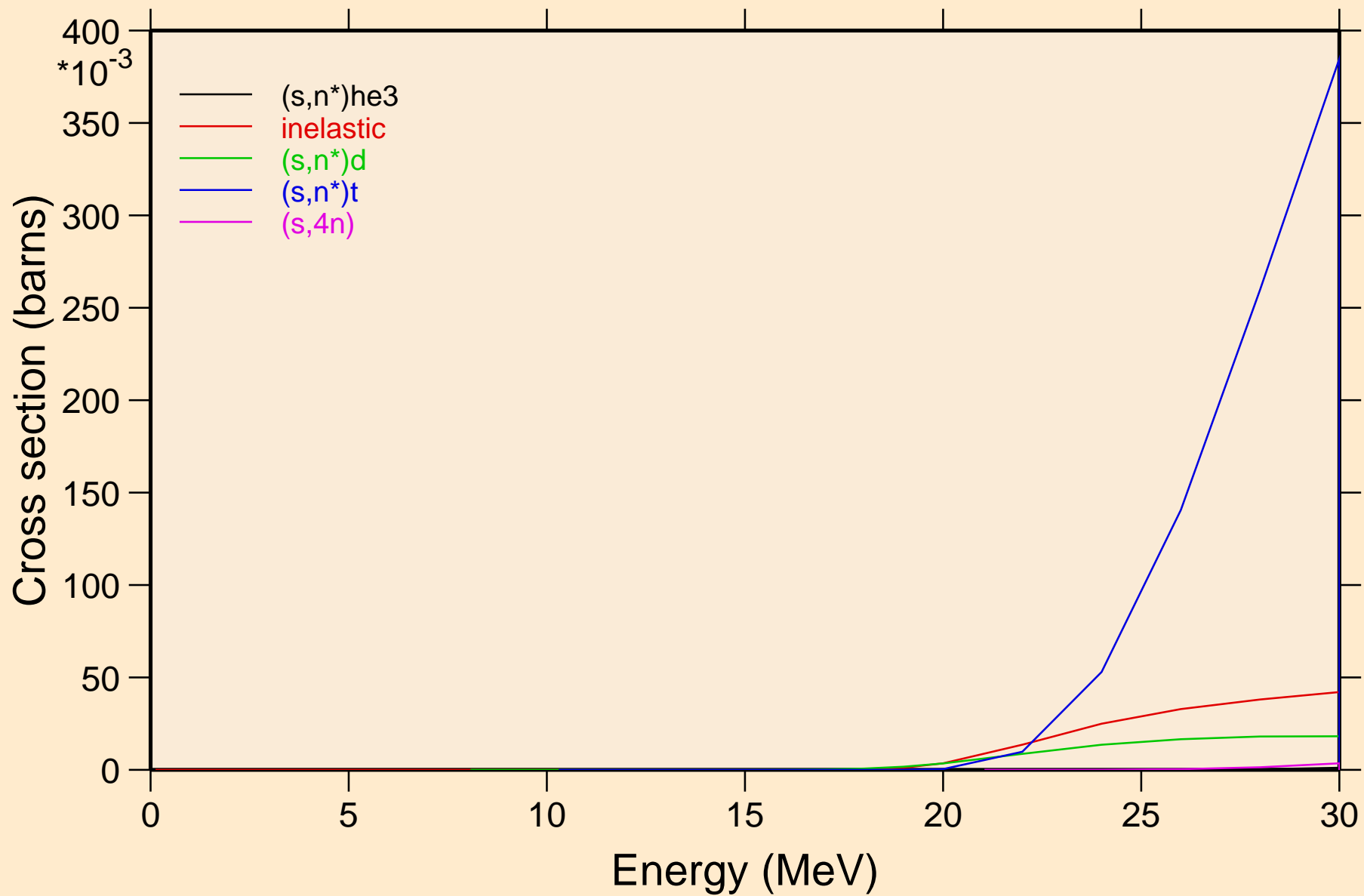


OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



# OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K

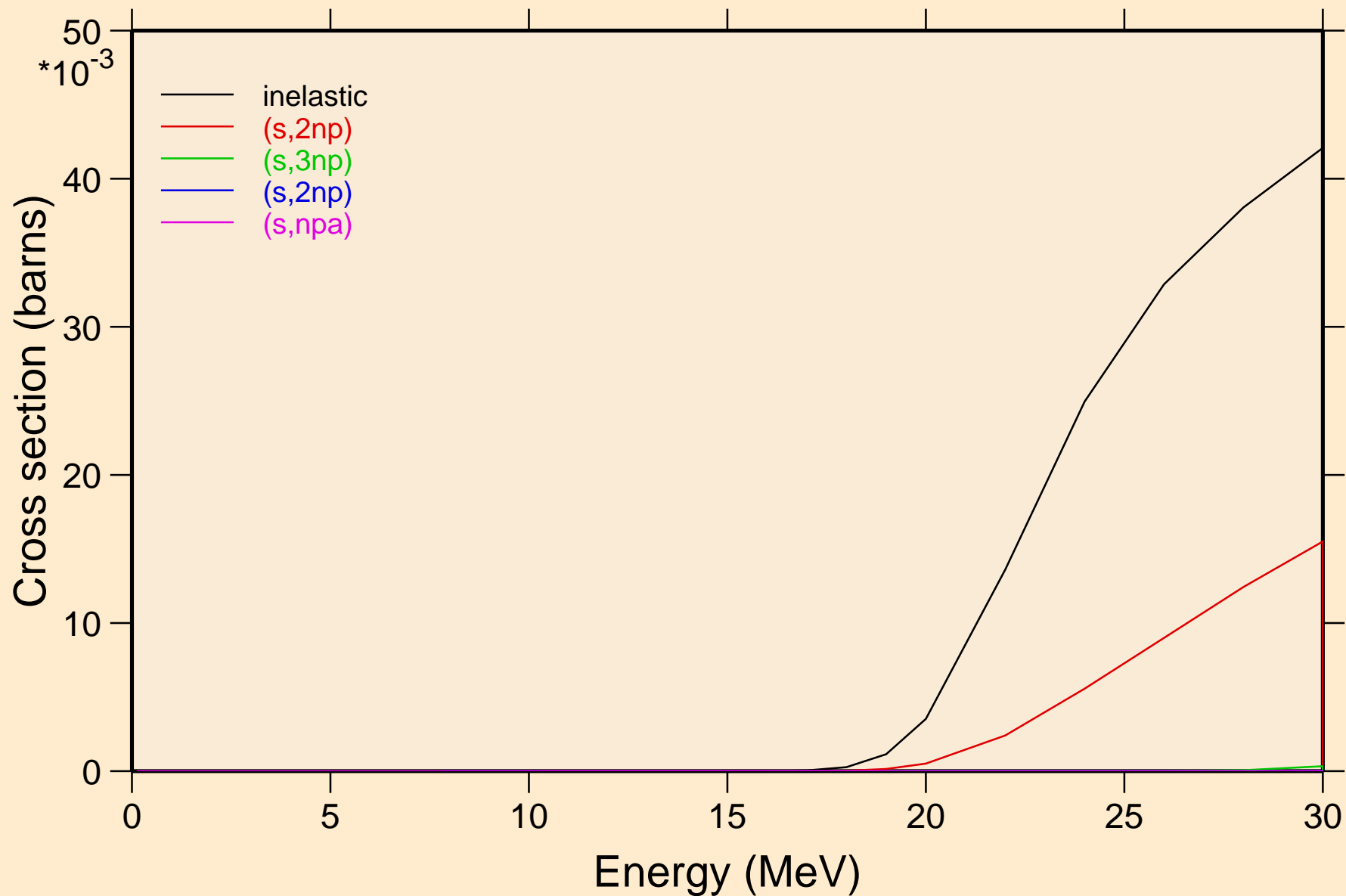
## Threshold reactions



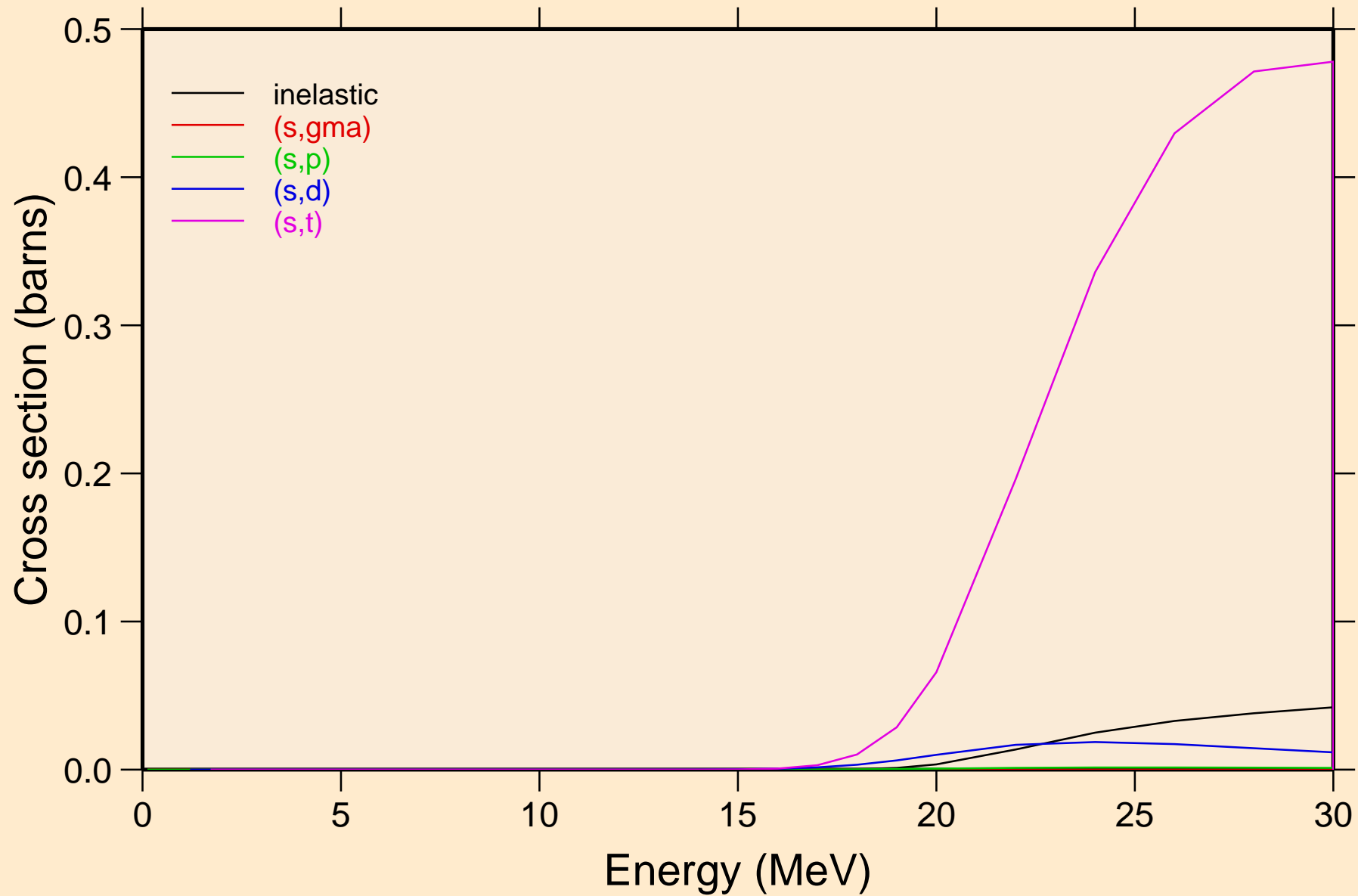


# OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K

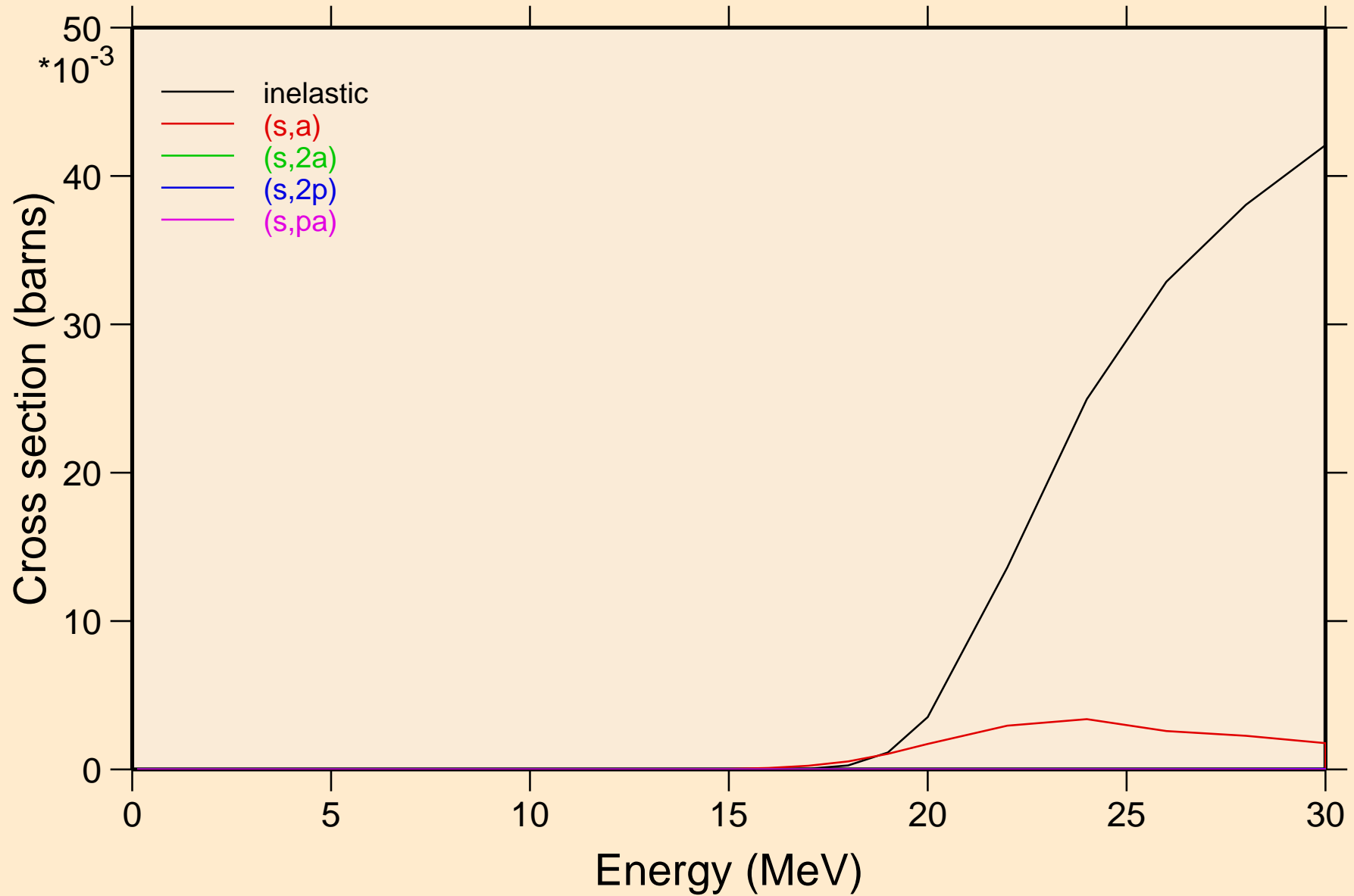
## Threshold reactions



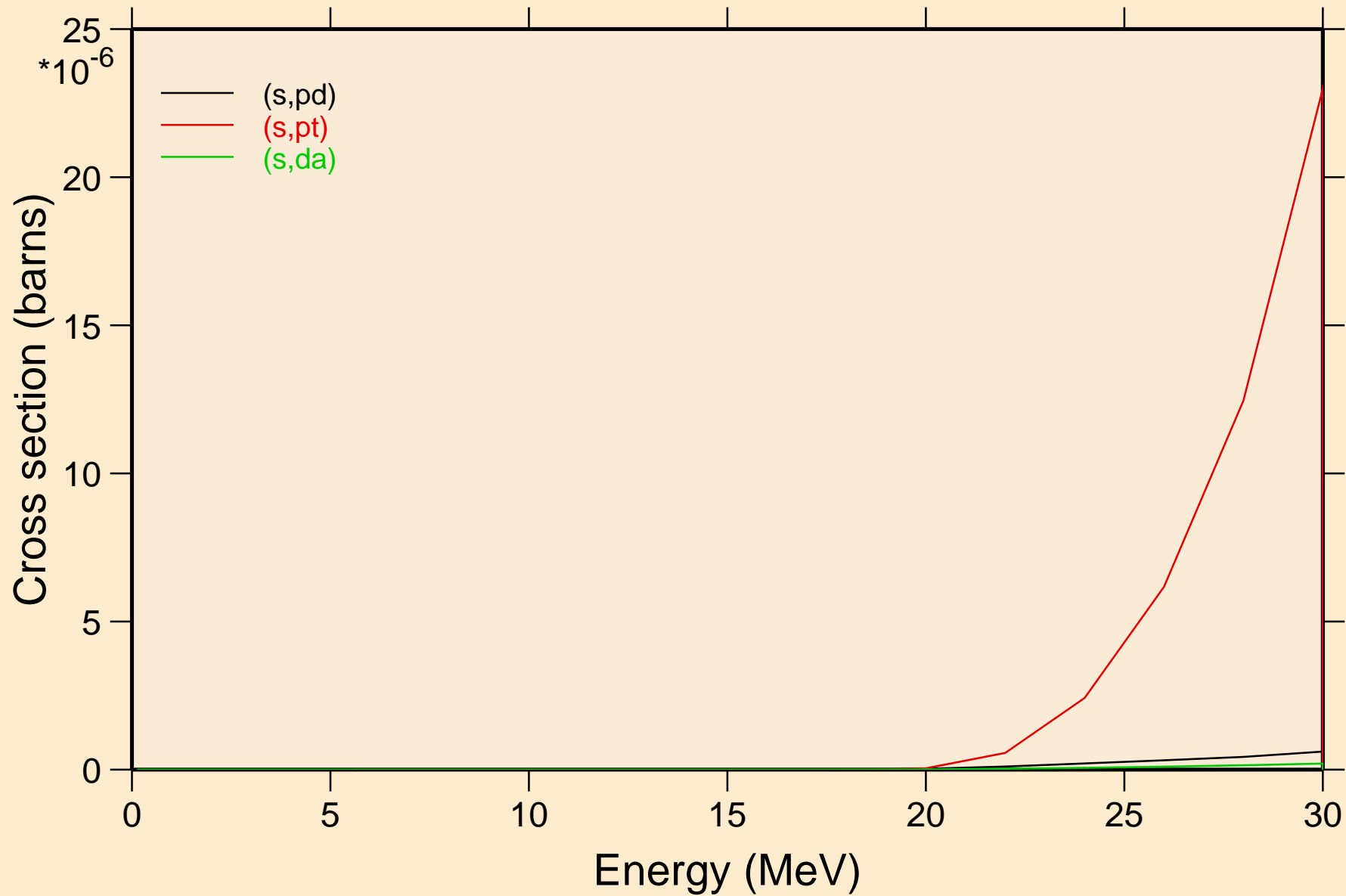
OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



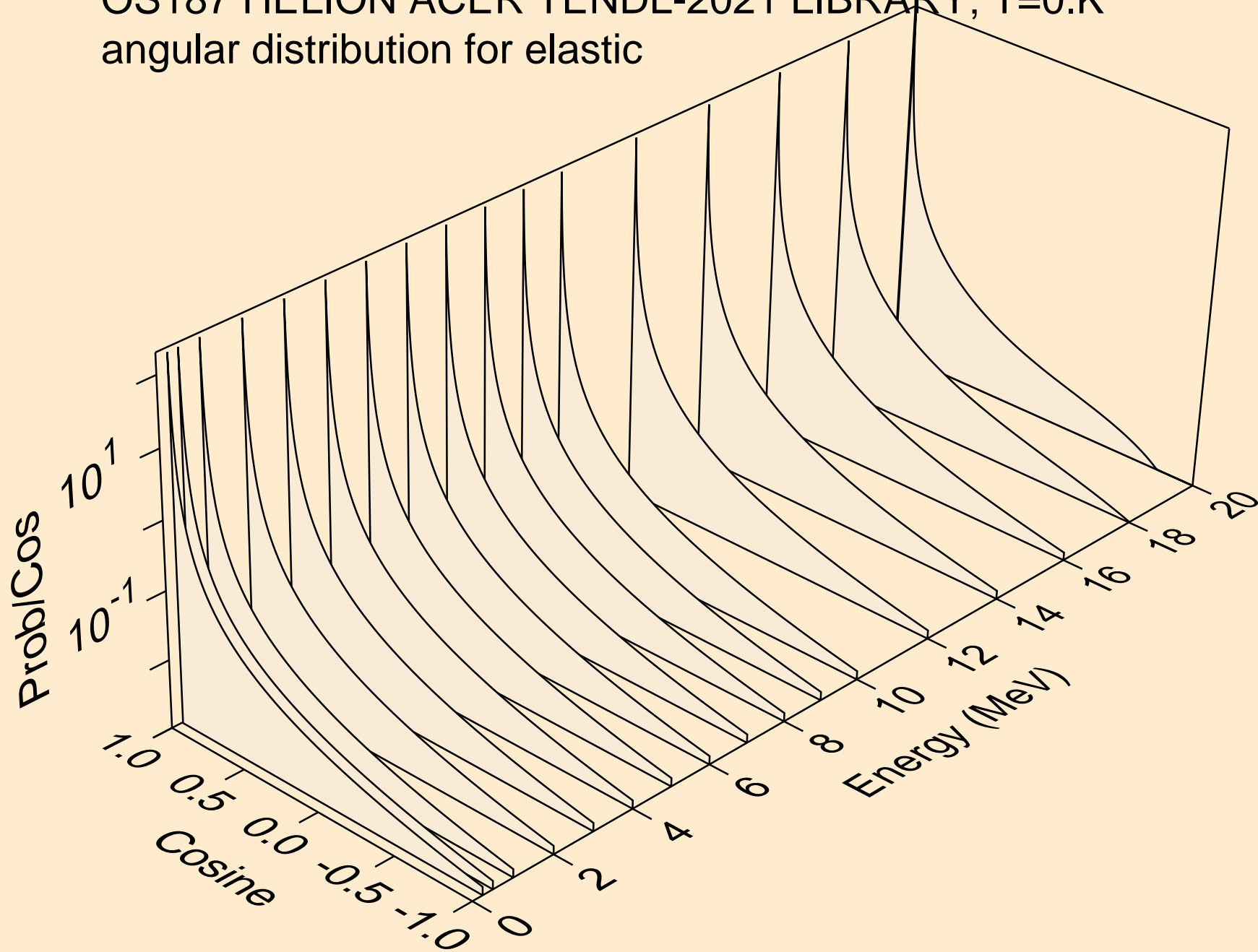
OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



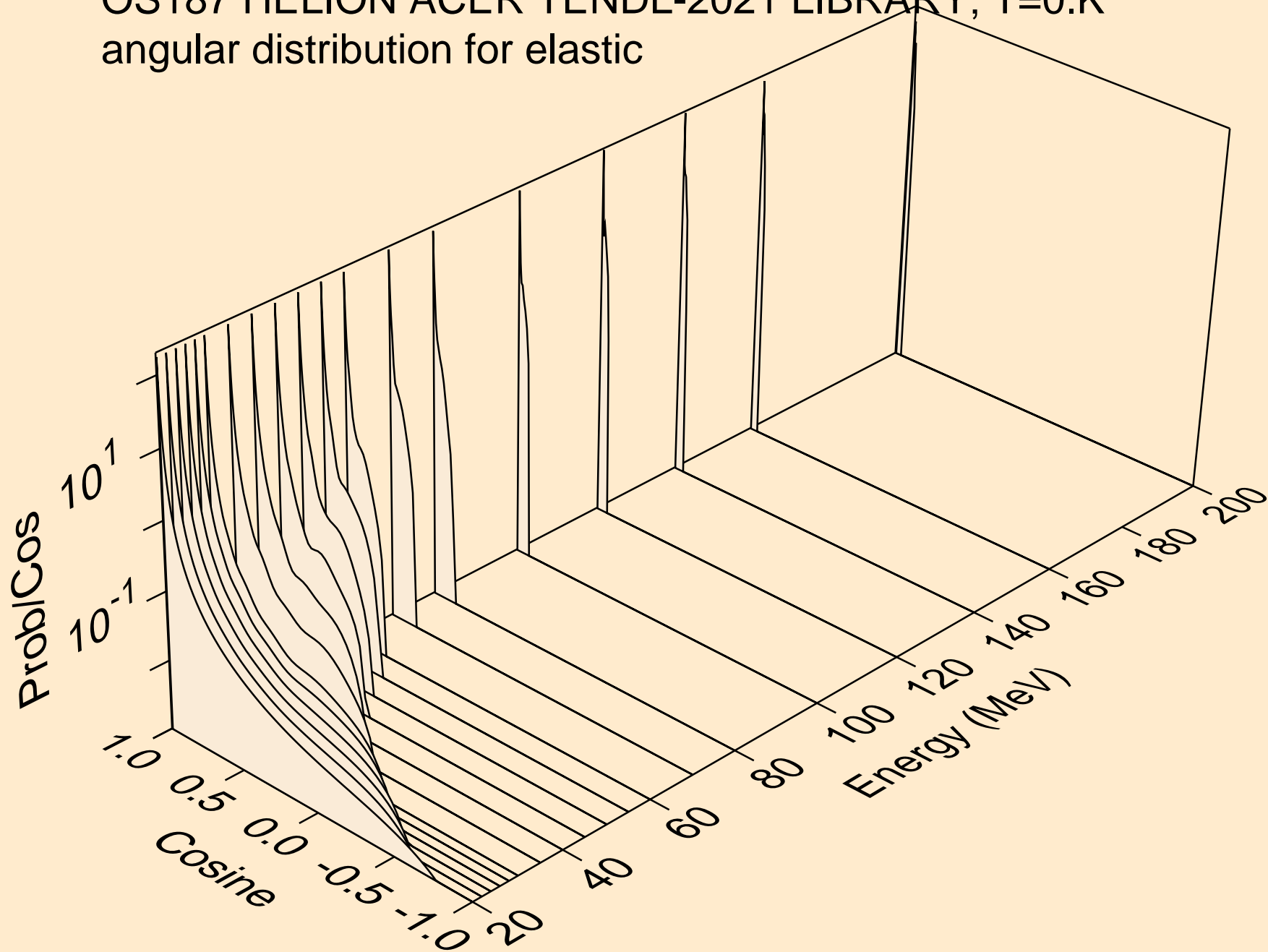
OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



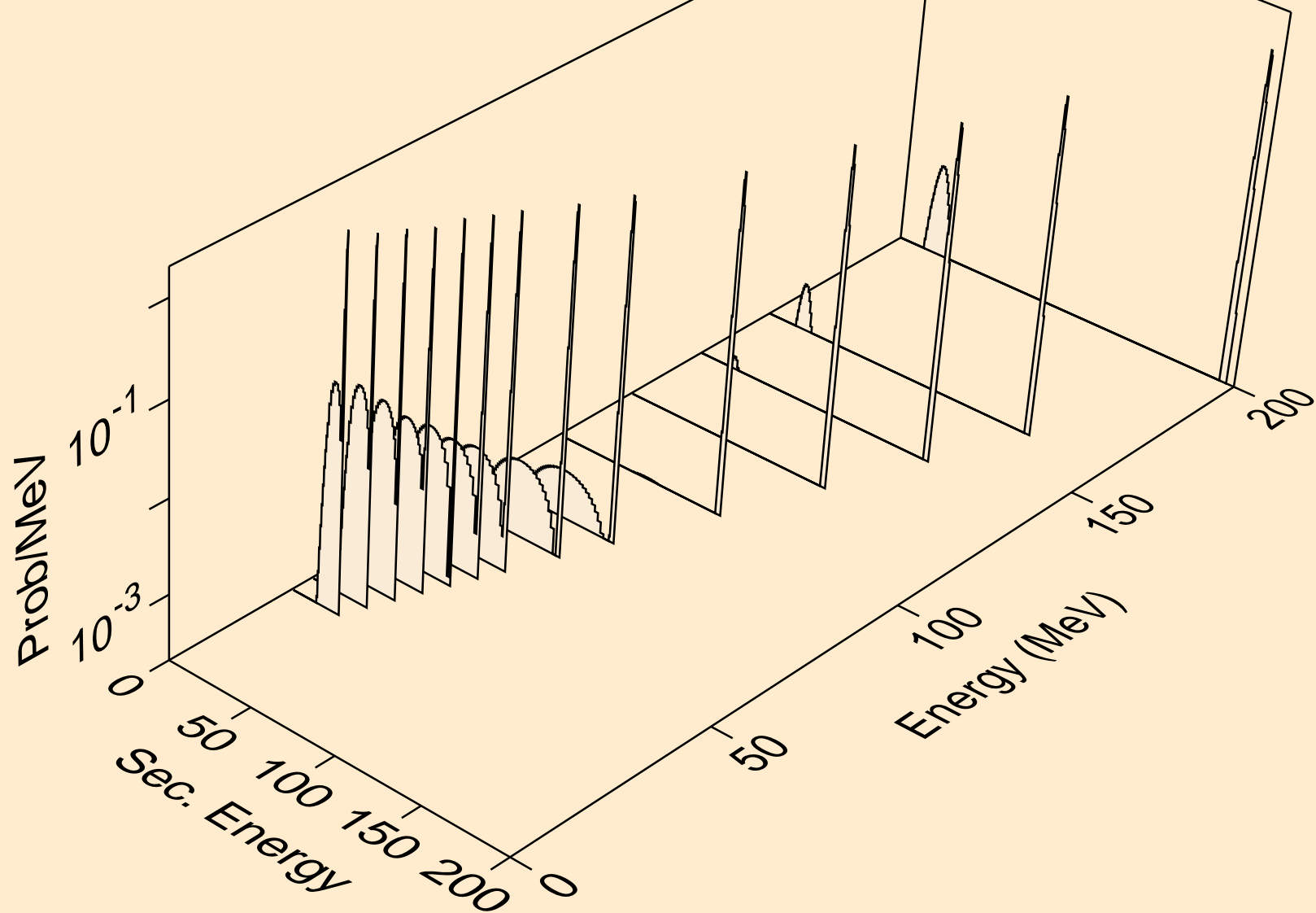
OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



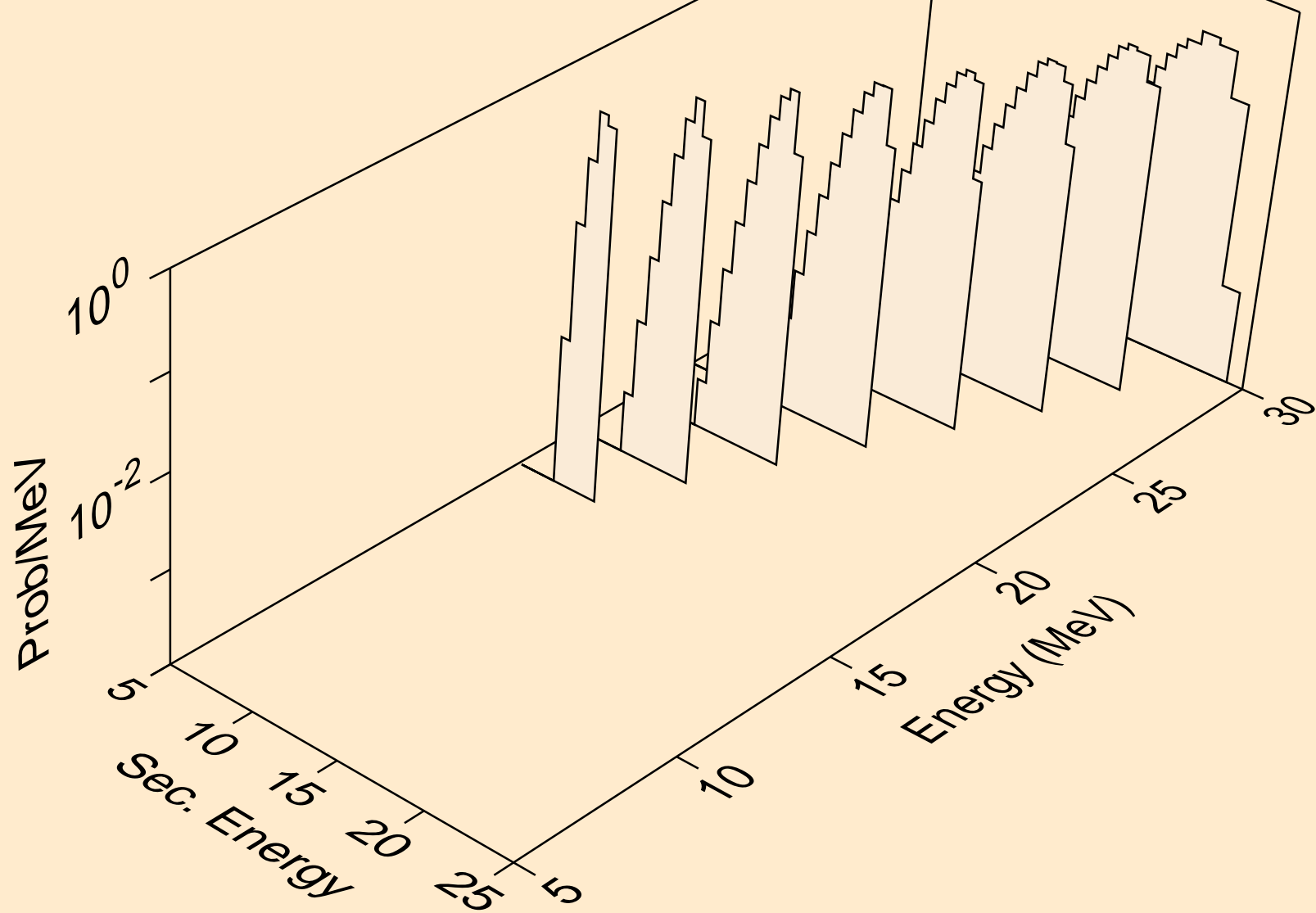
OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,x)

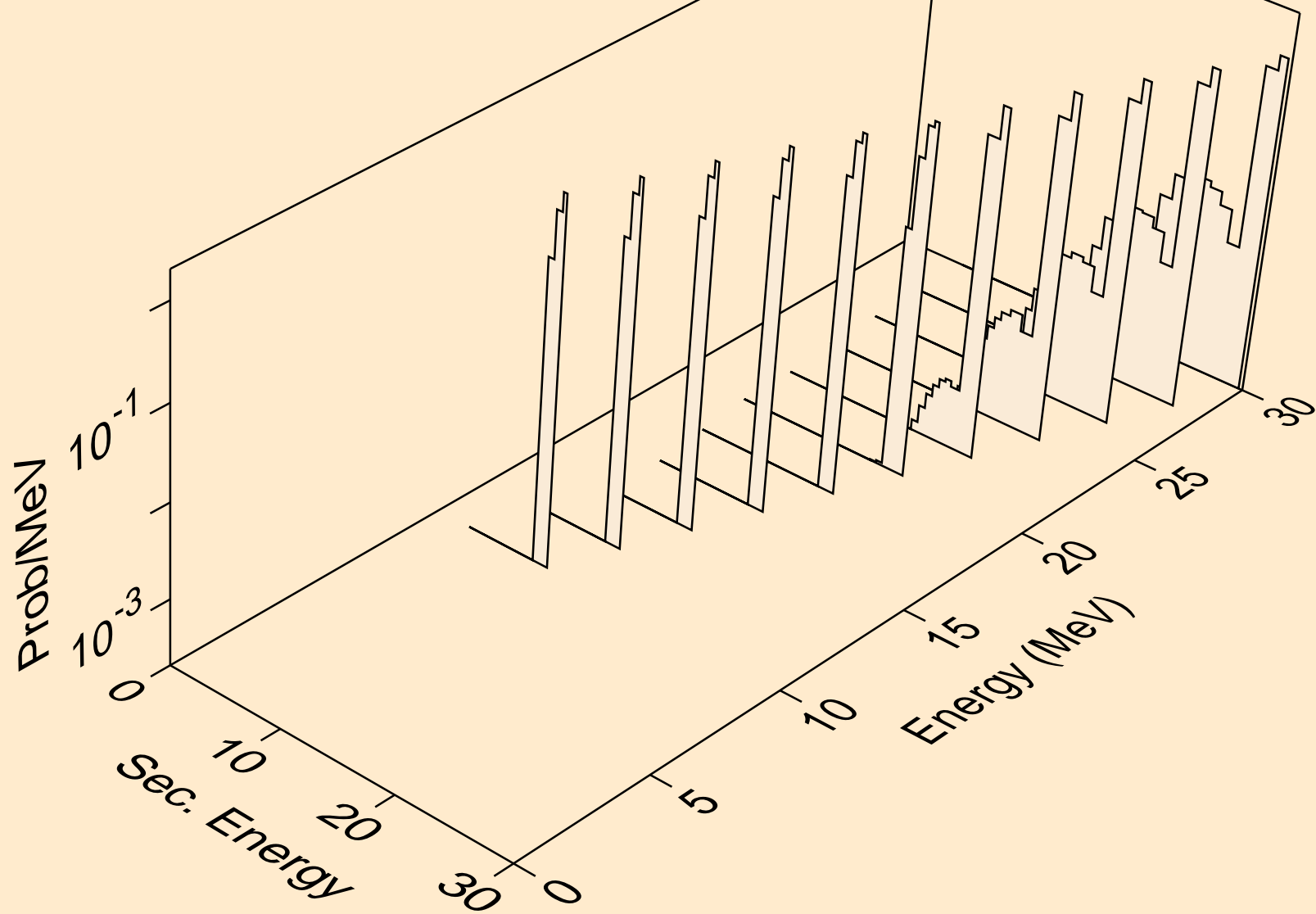


OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

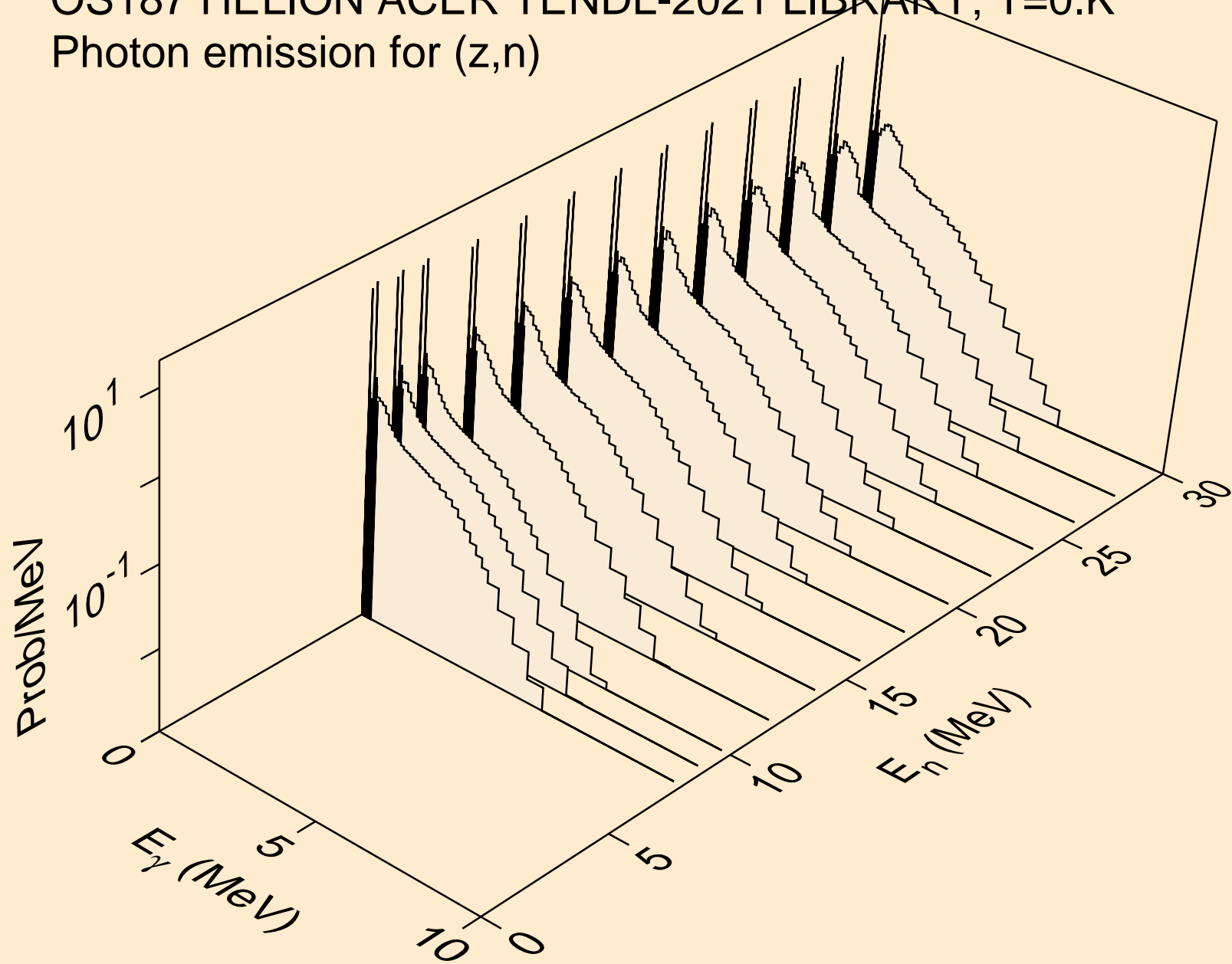




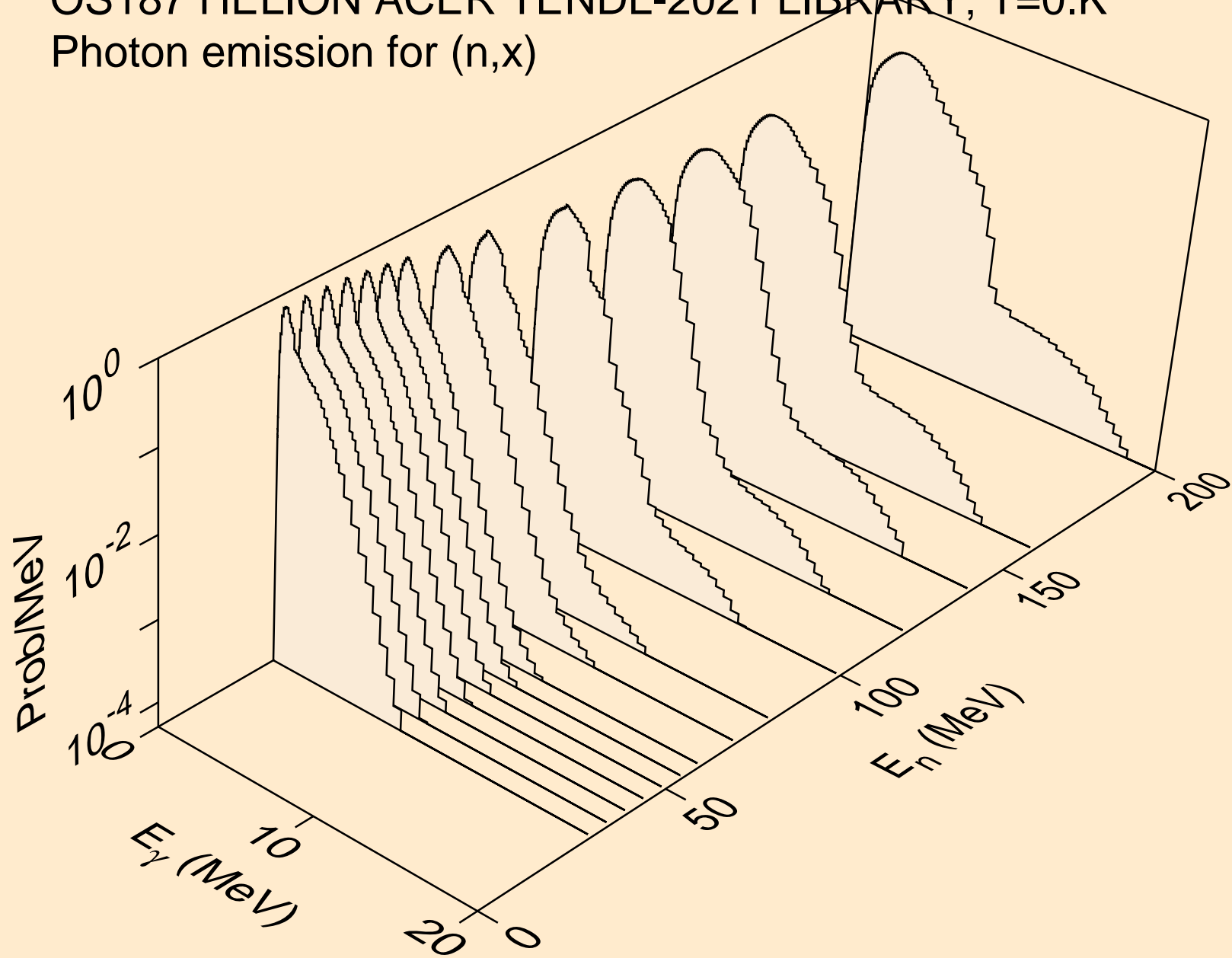
OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for inelastic



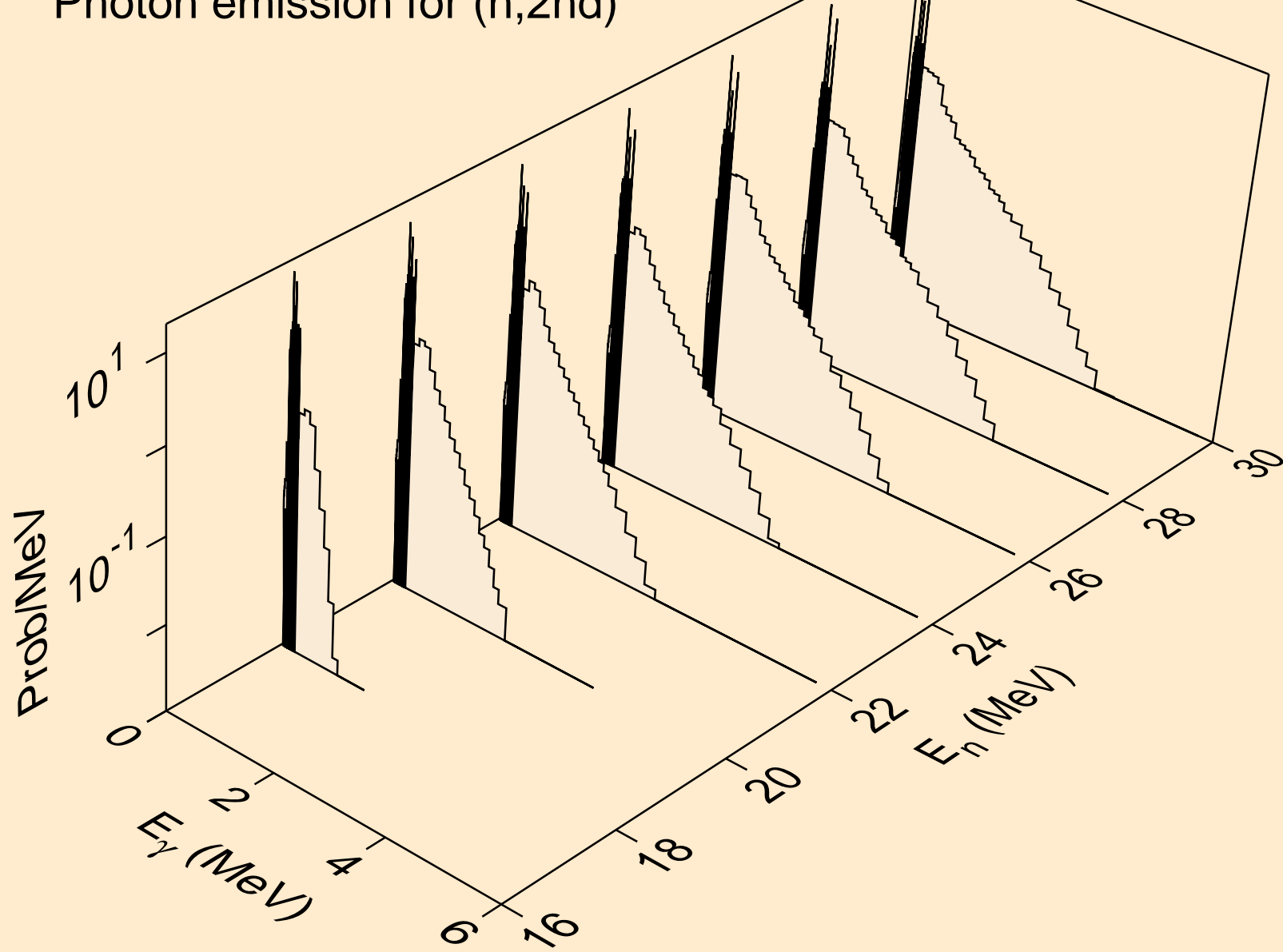
OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



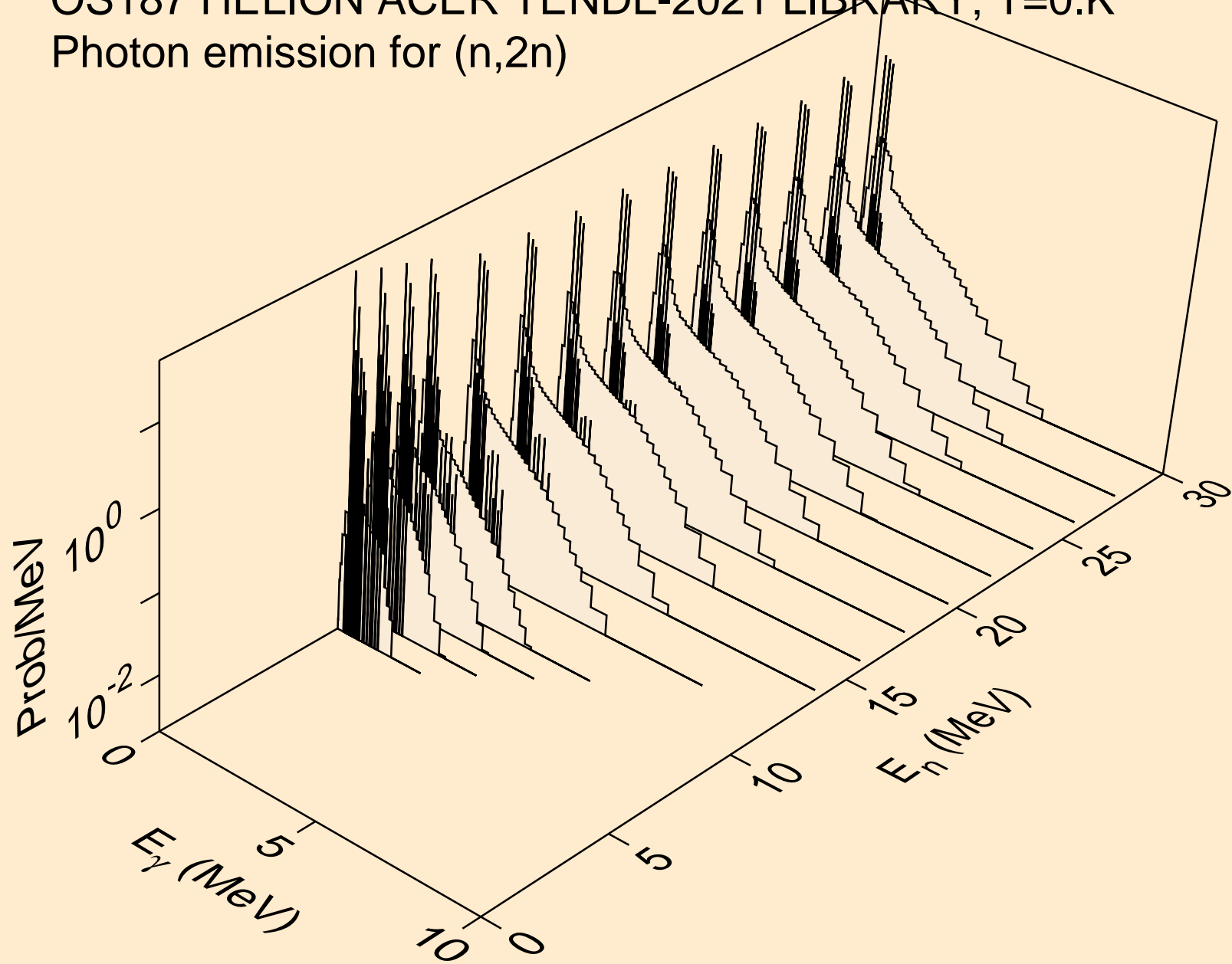
OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



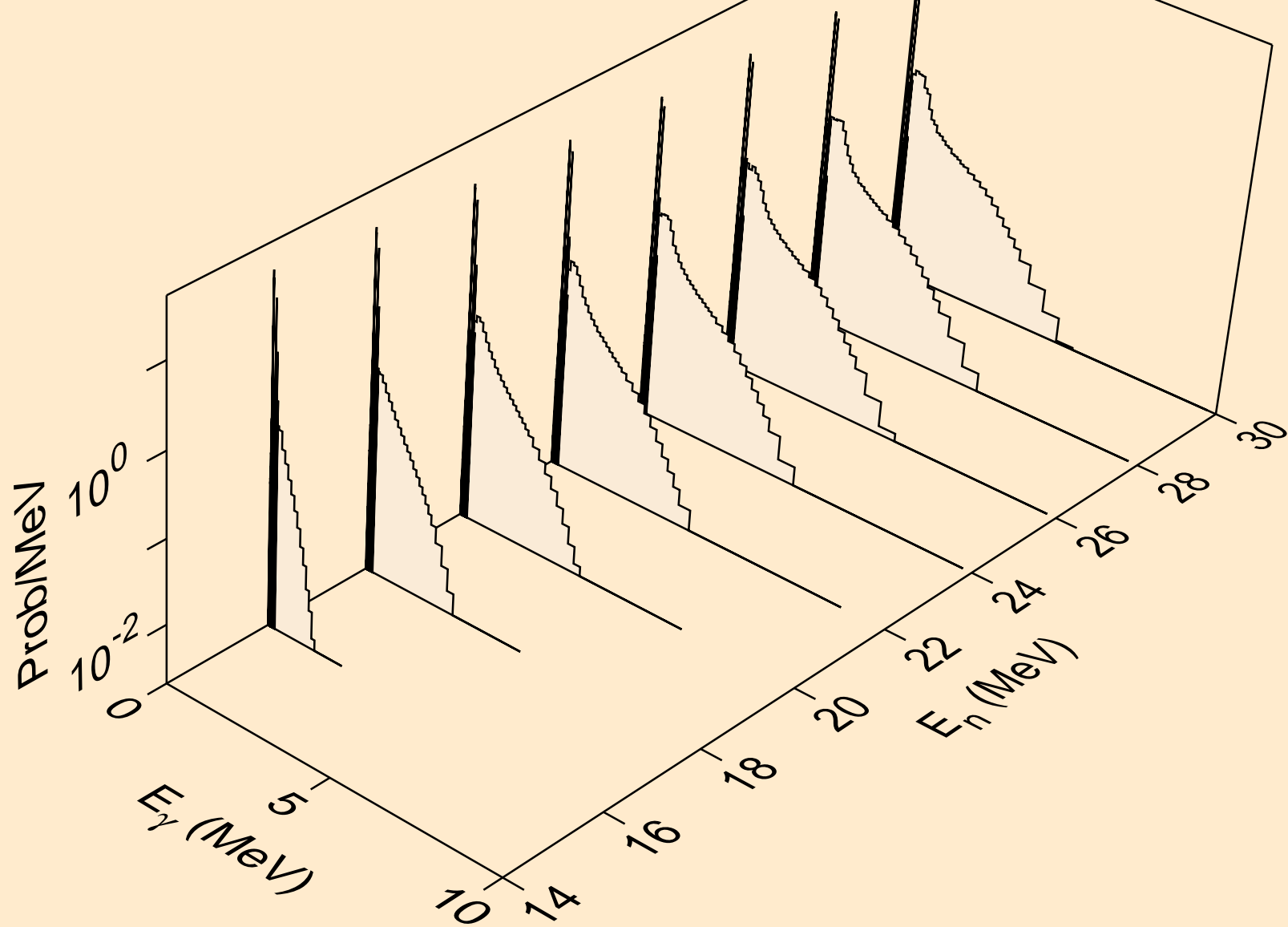
OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)



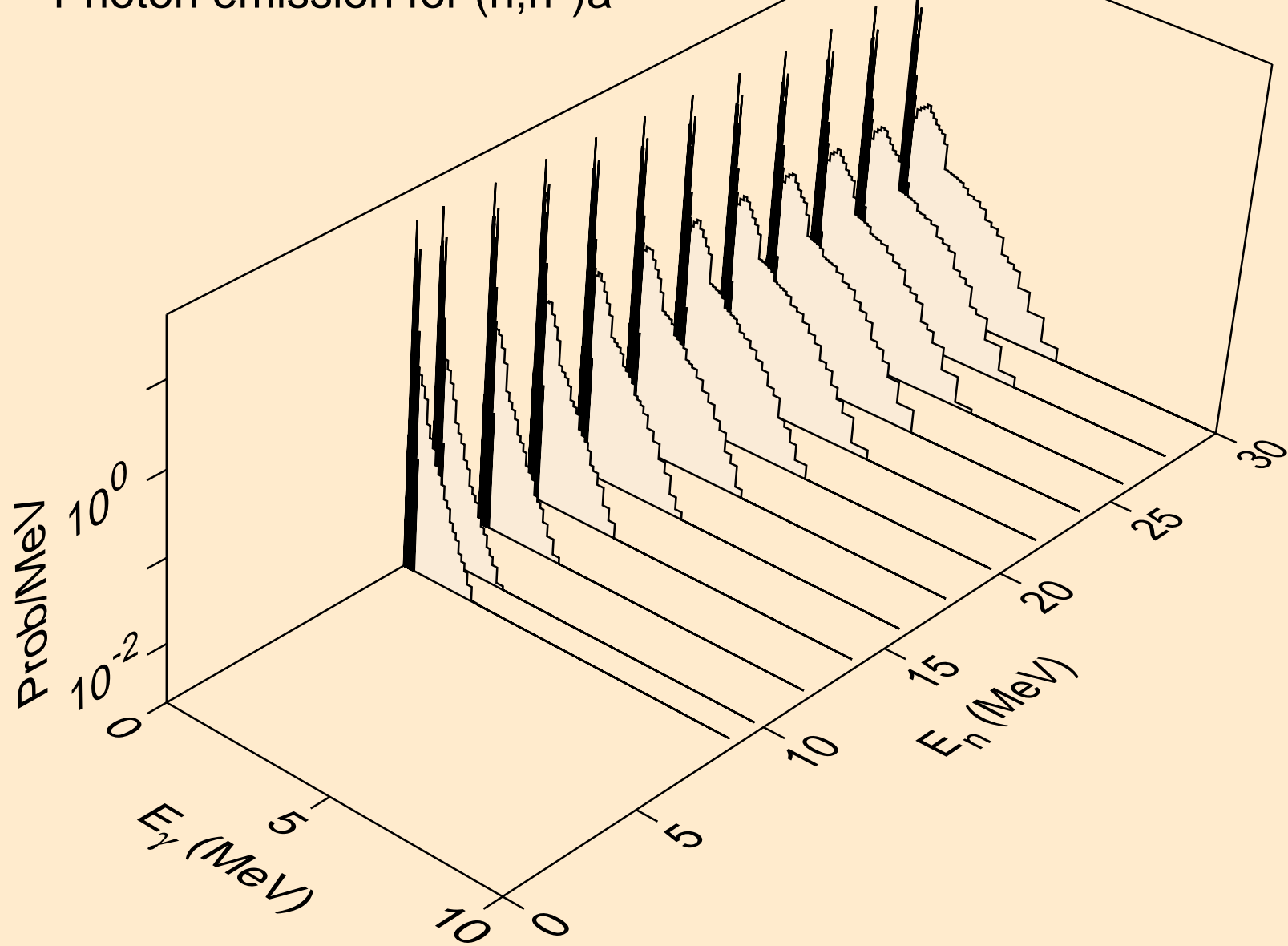
OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



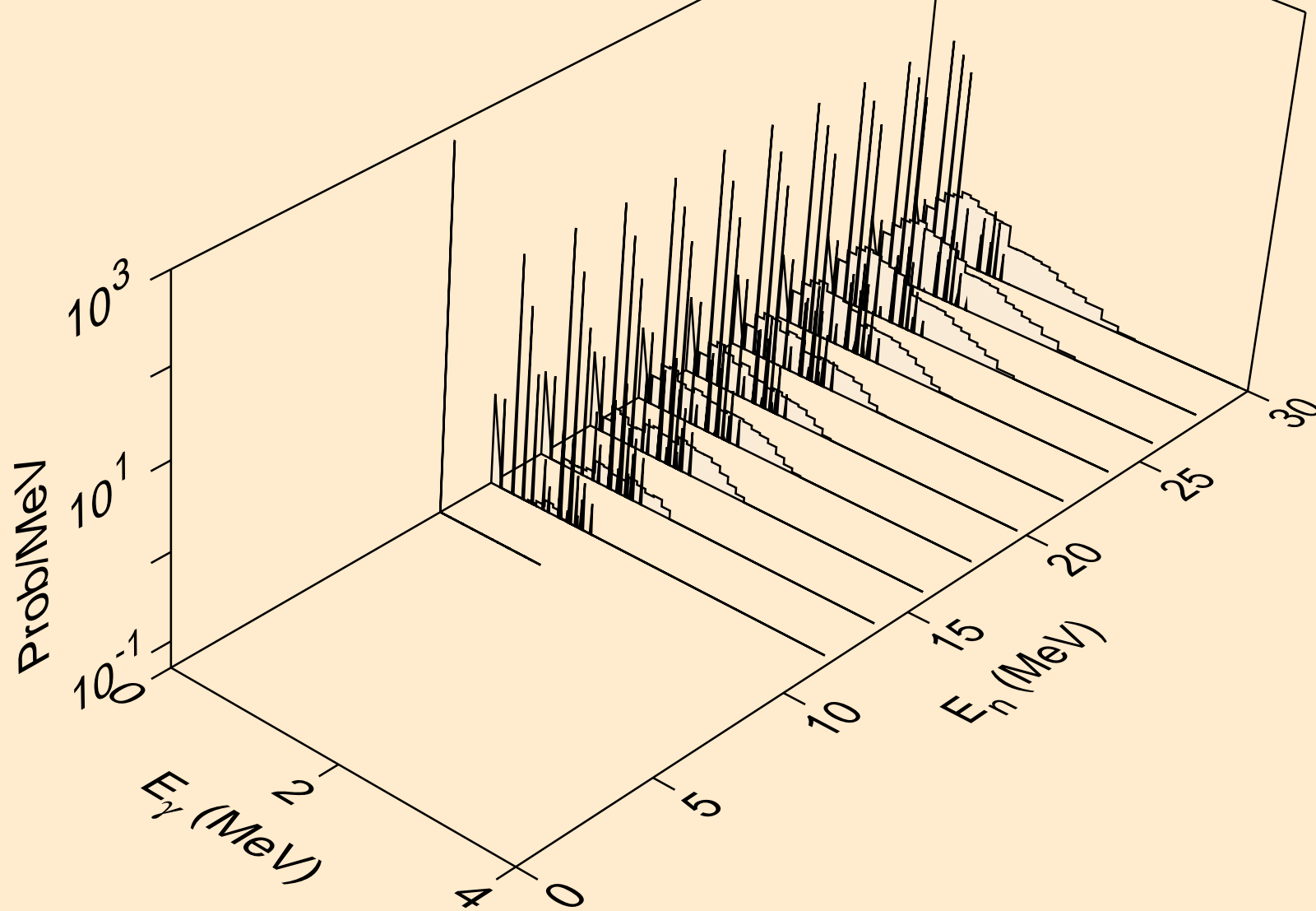
OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

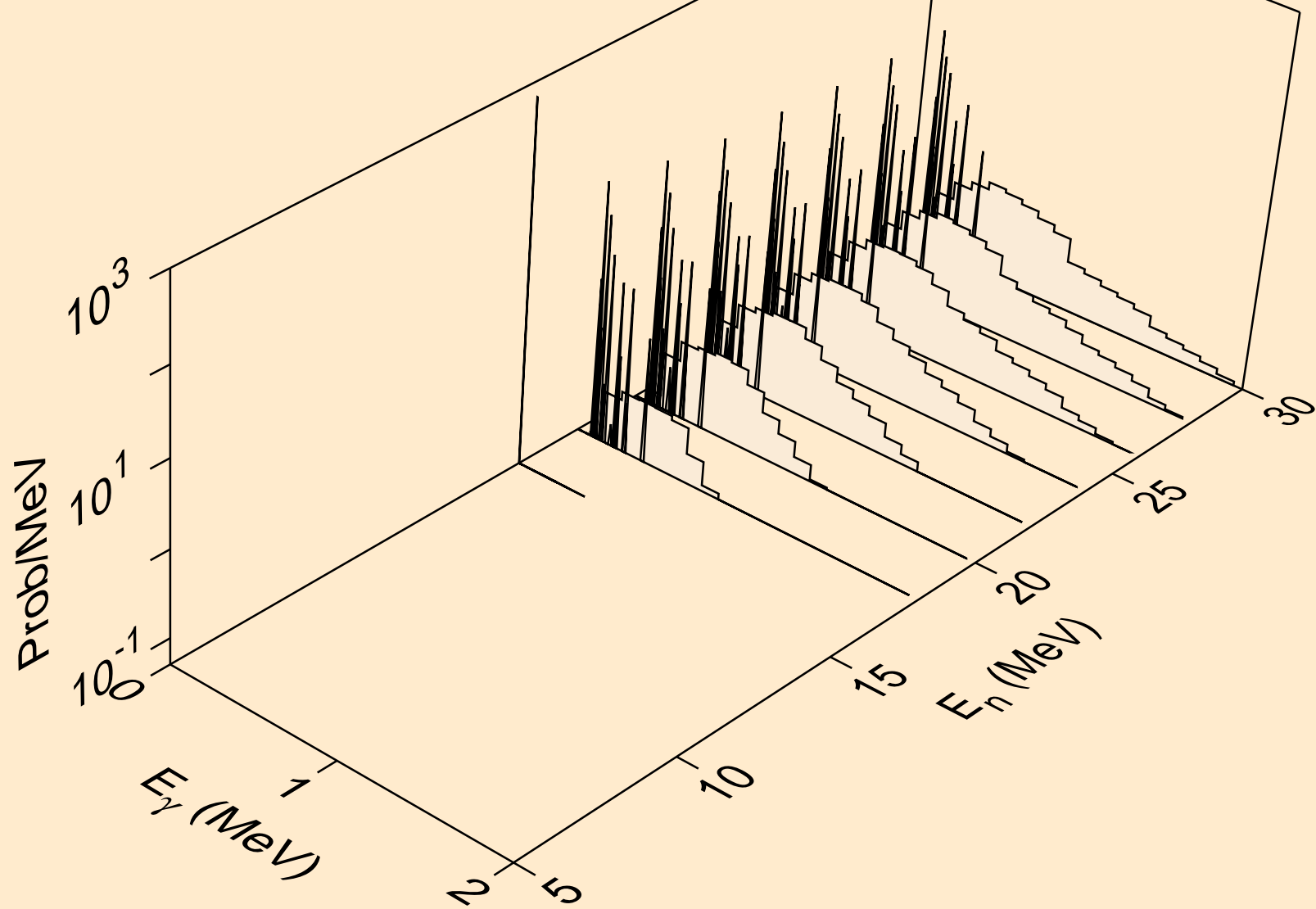


OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a

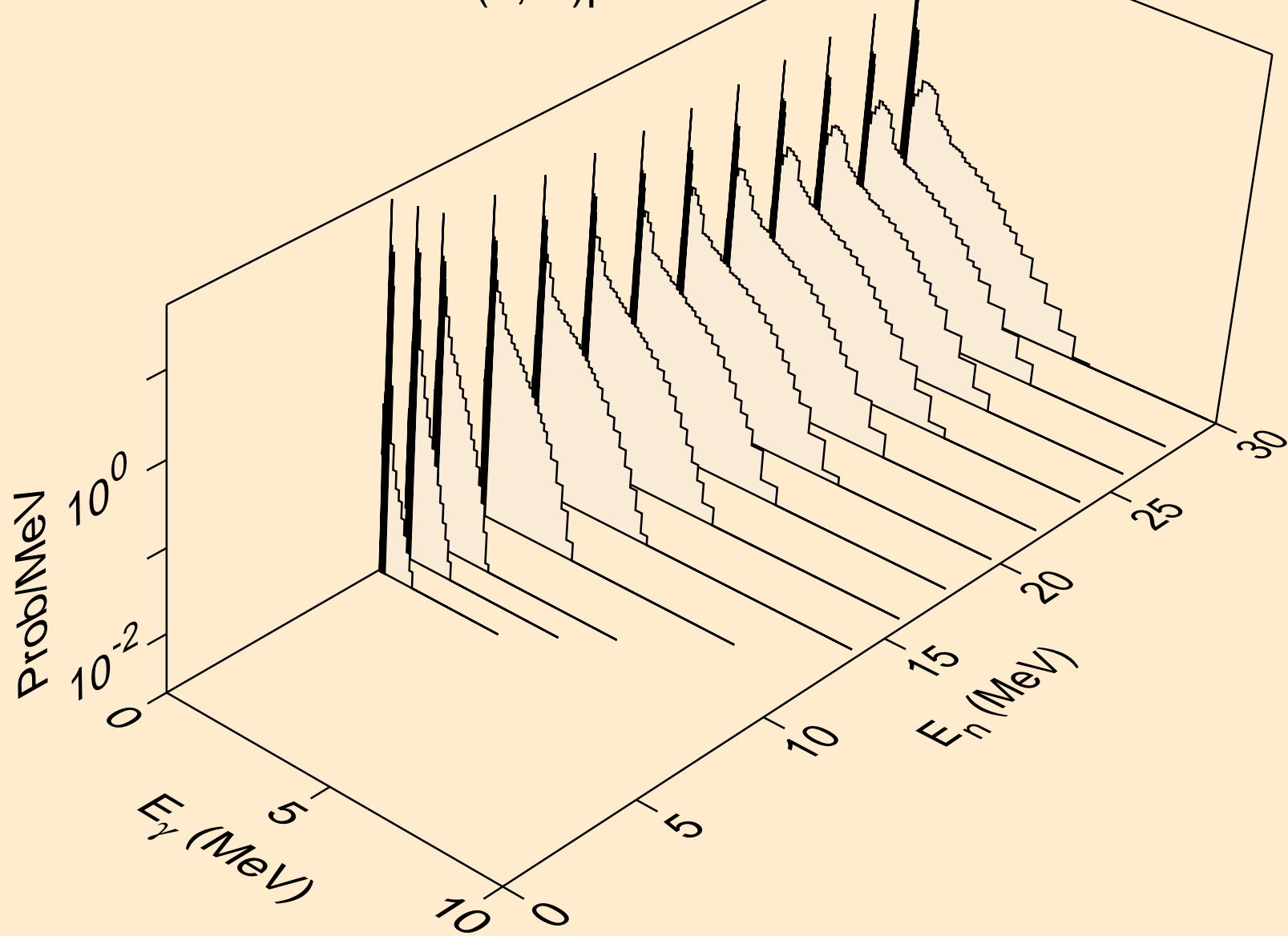




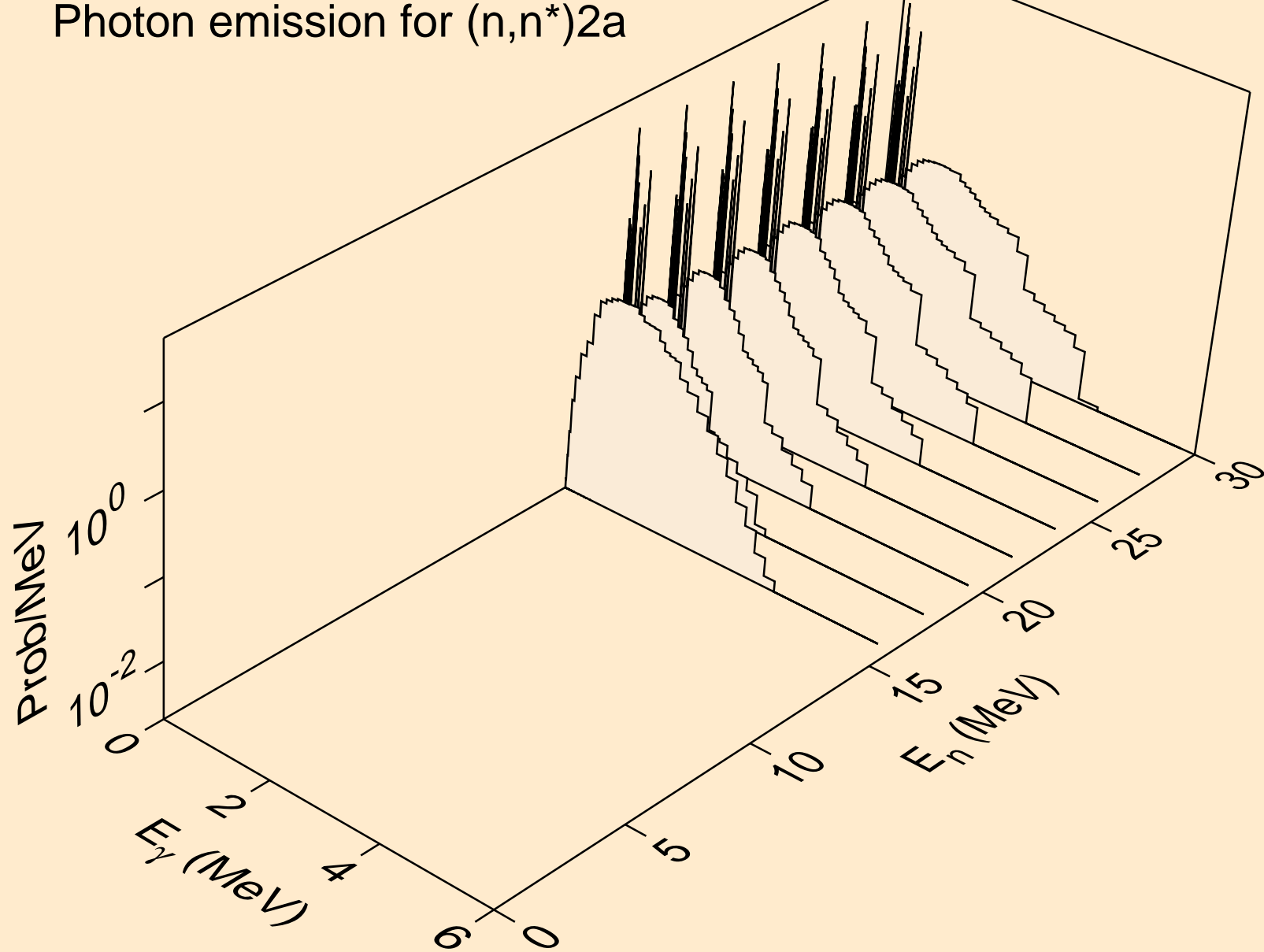
OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)a



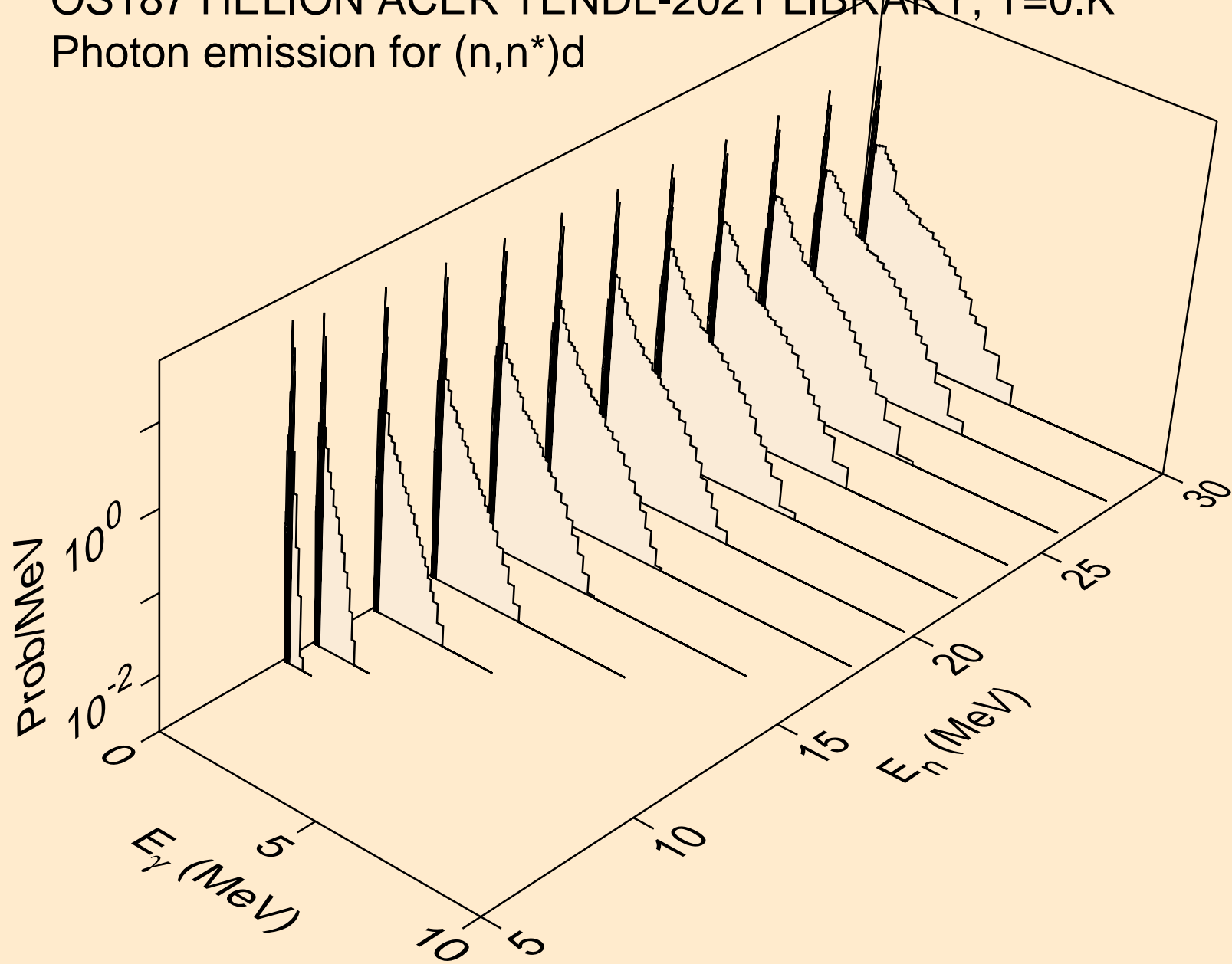
OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



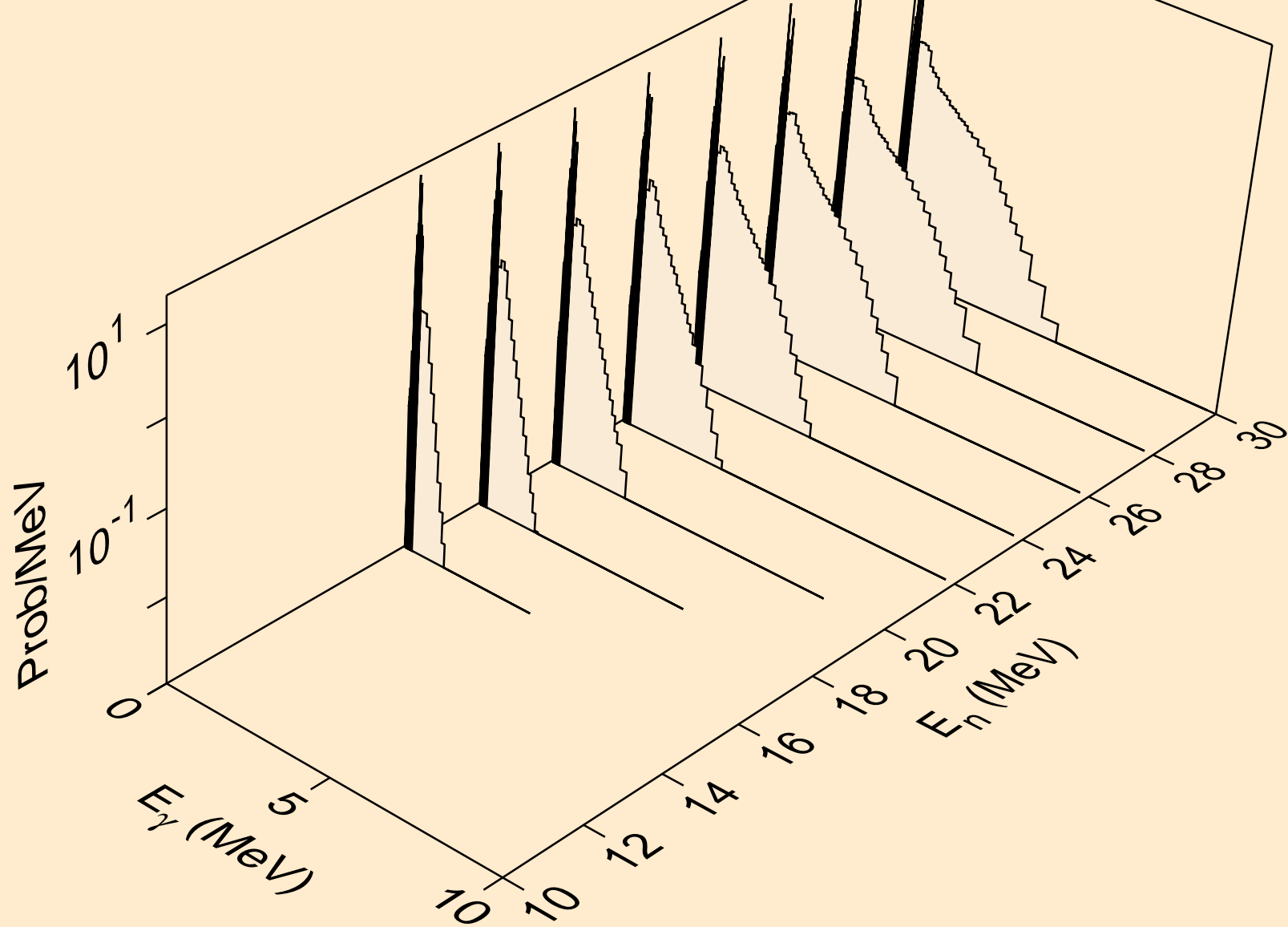
OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



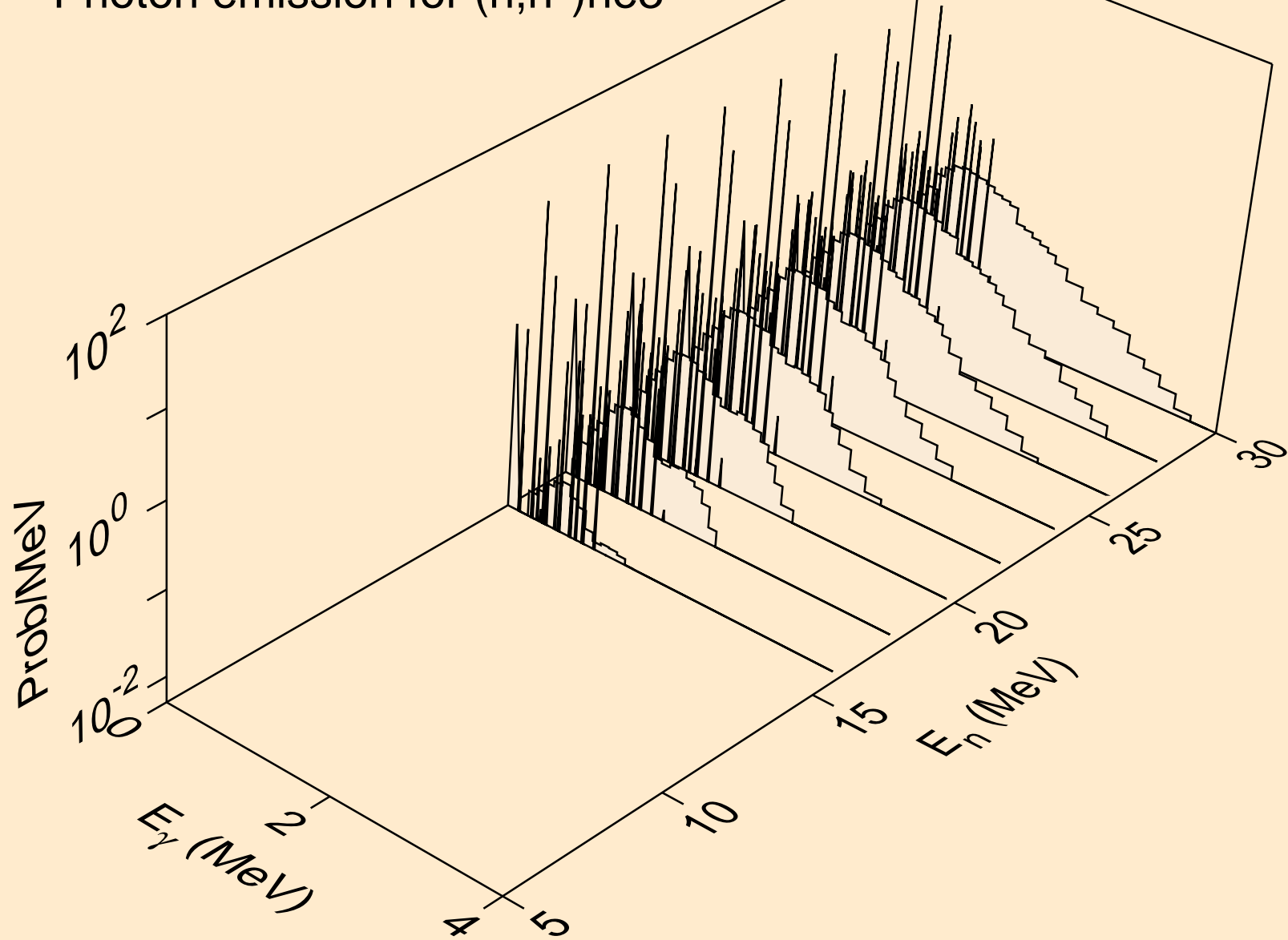
OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



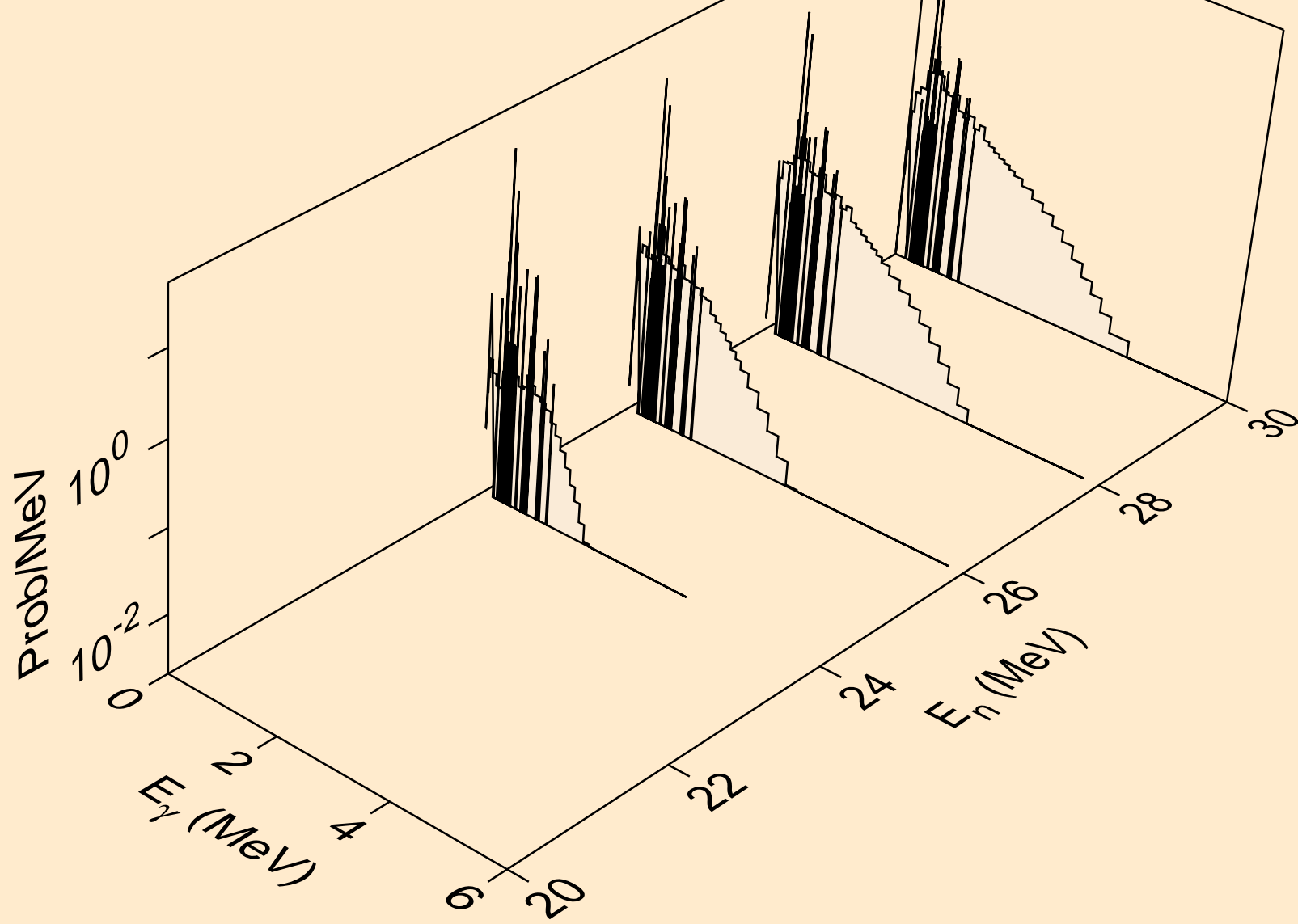
OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



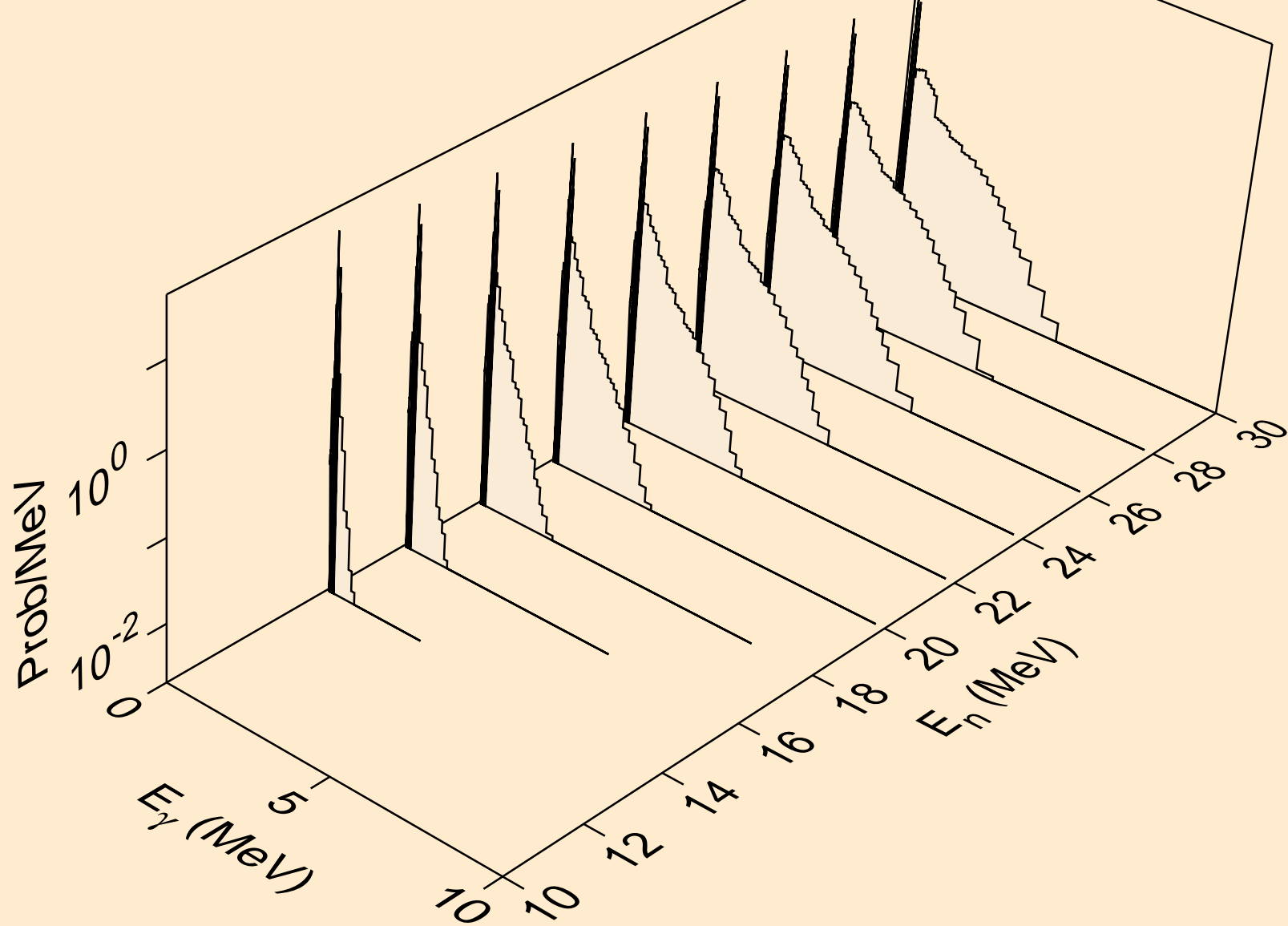
OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,4n)

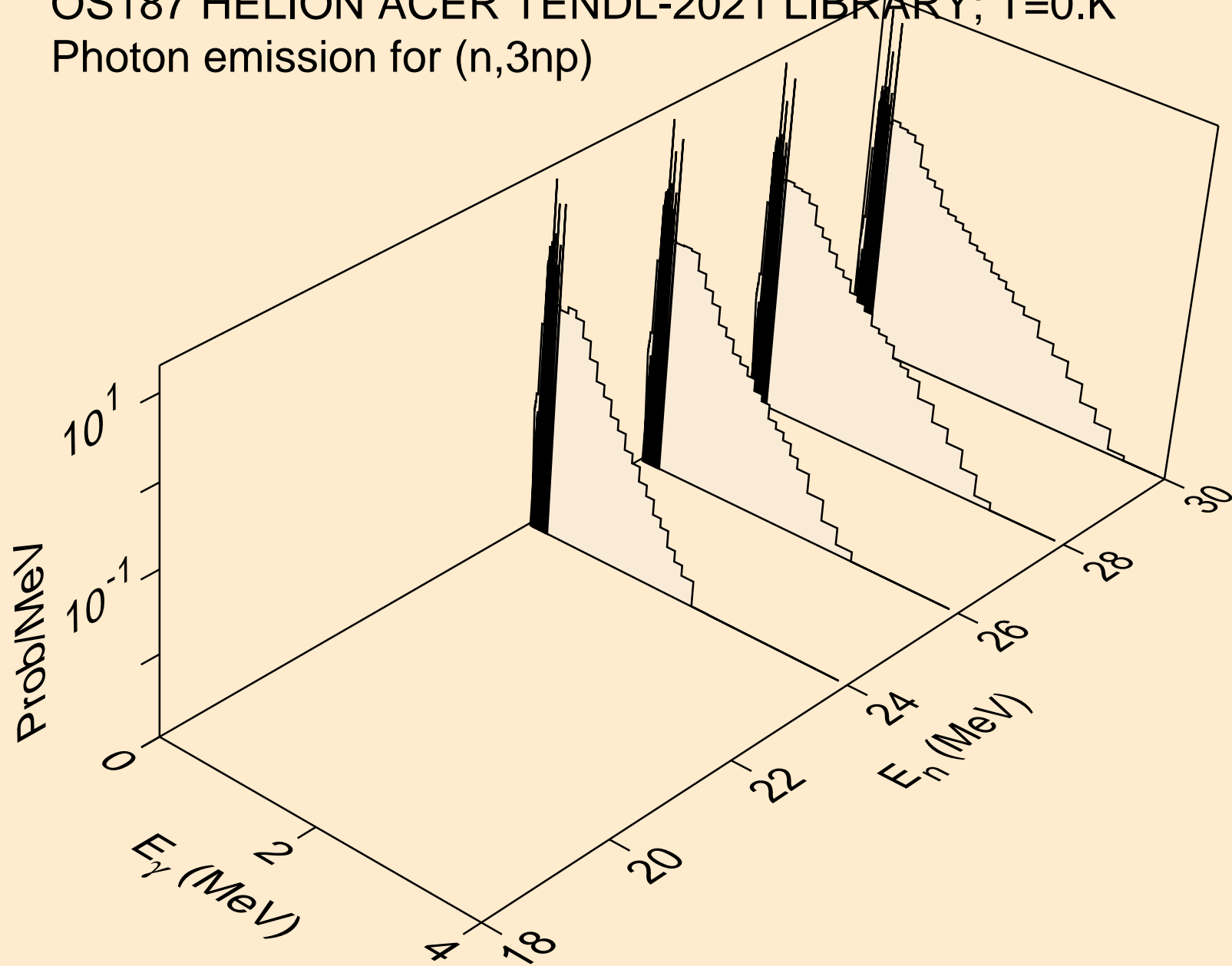


OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)

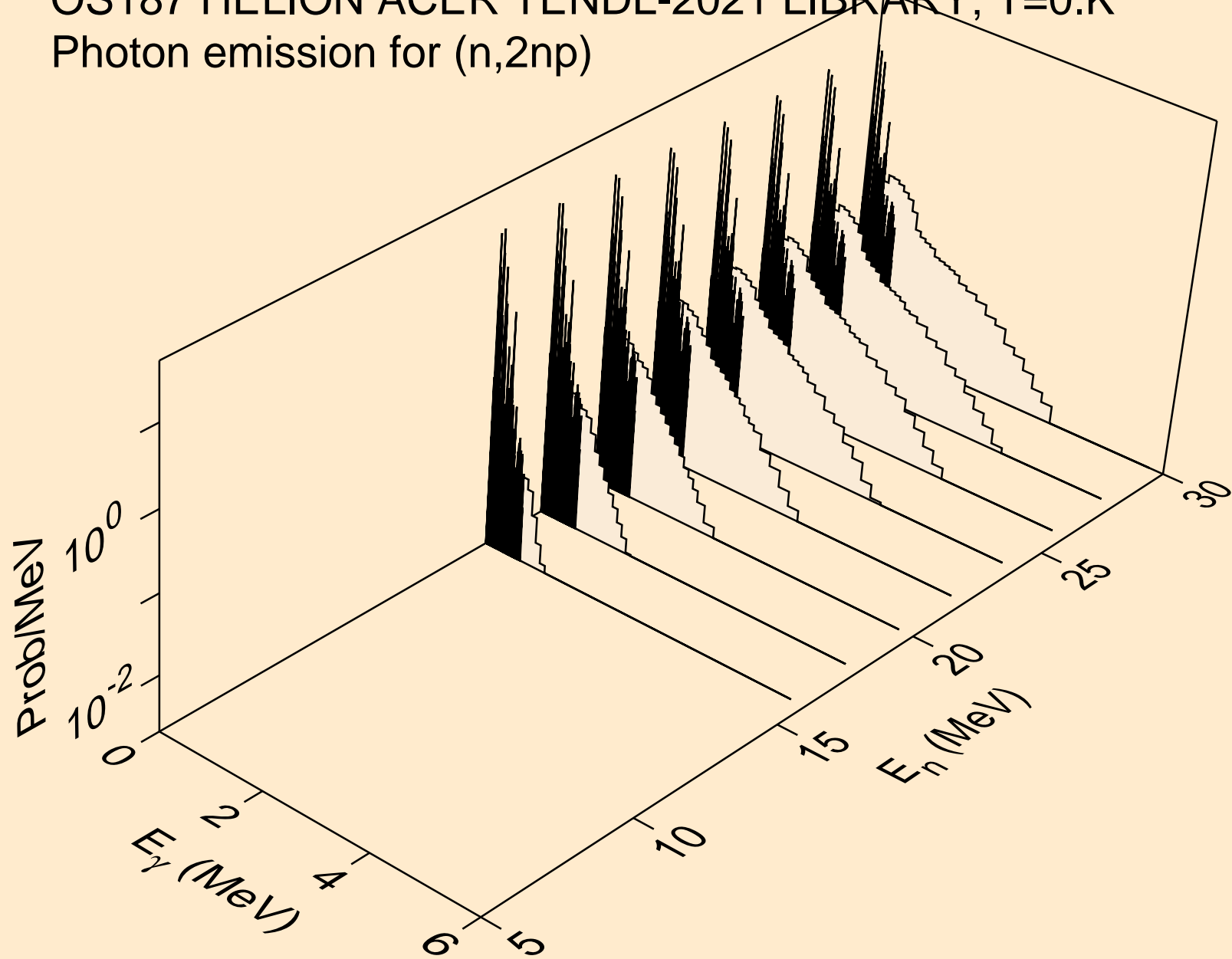




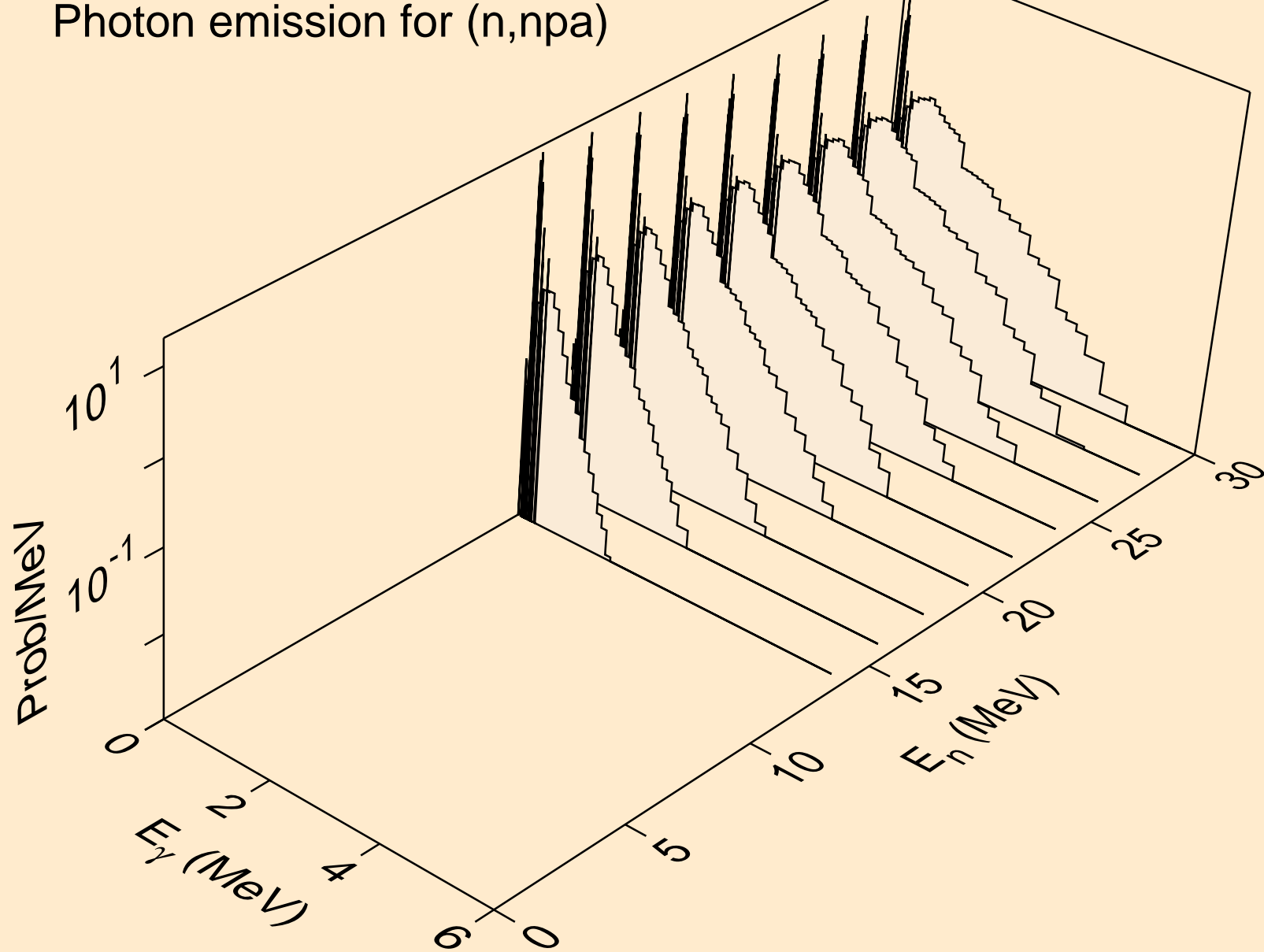
OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3np)



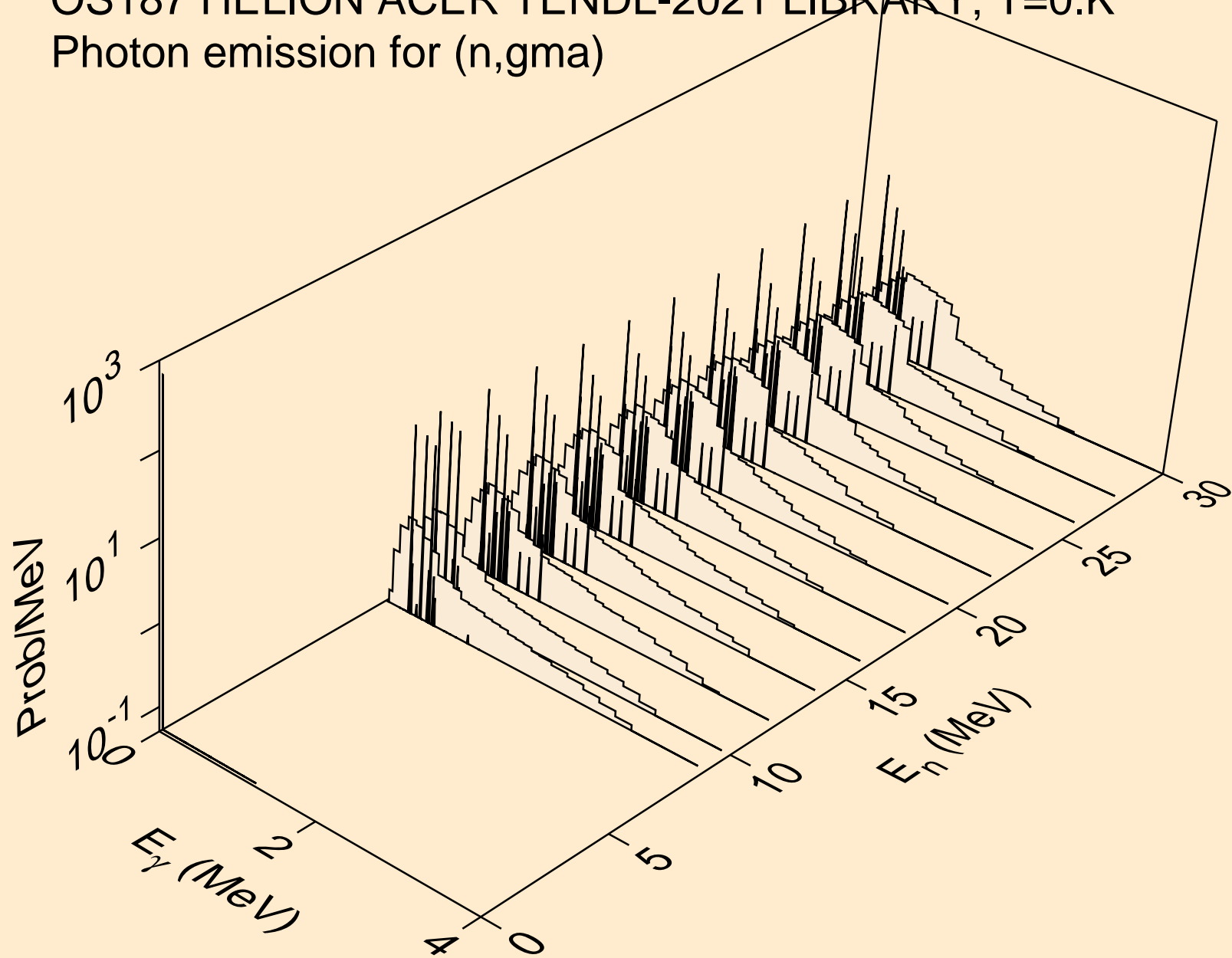
OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



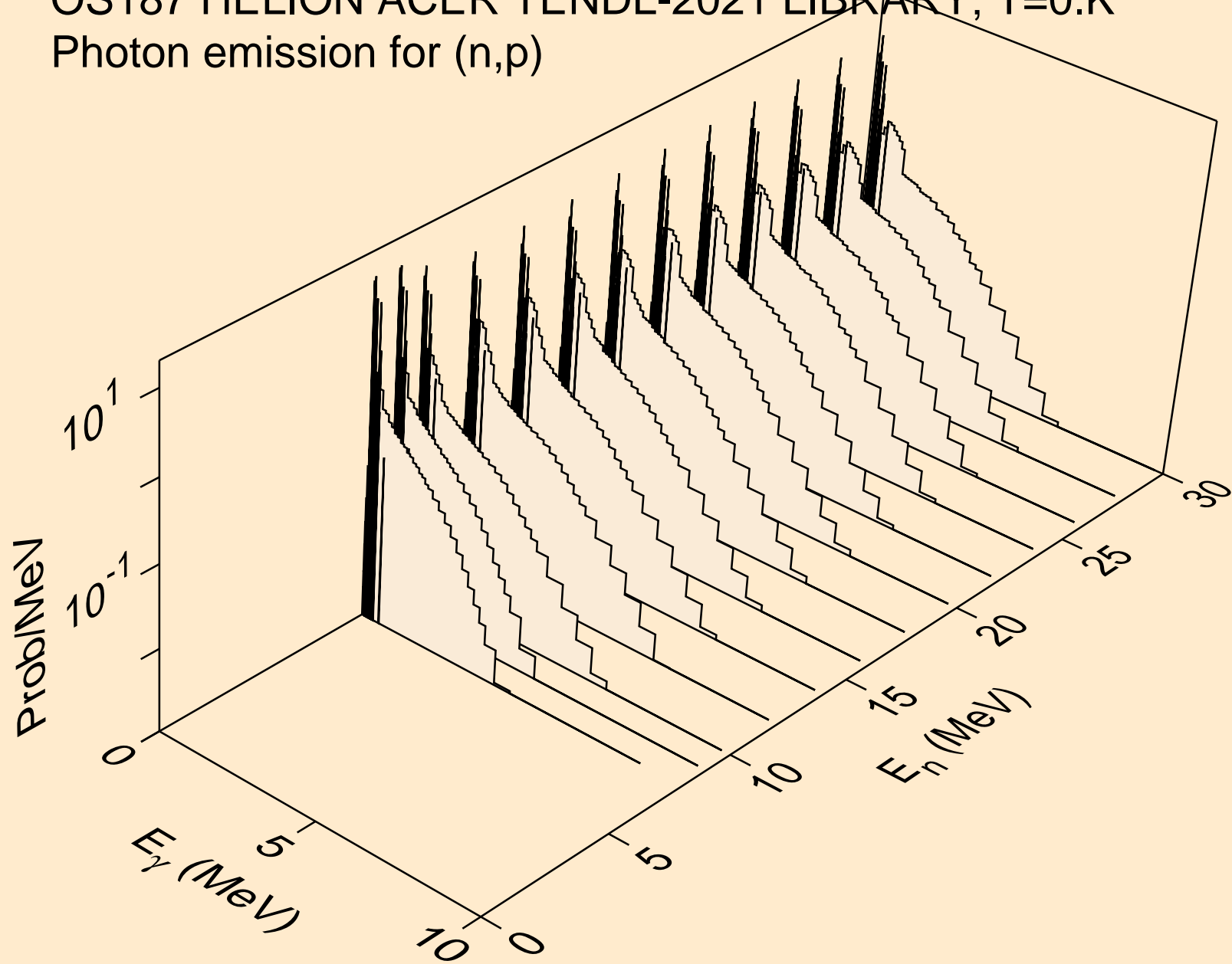
OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,npa)



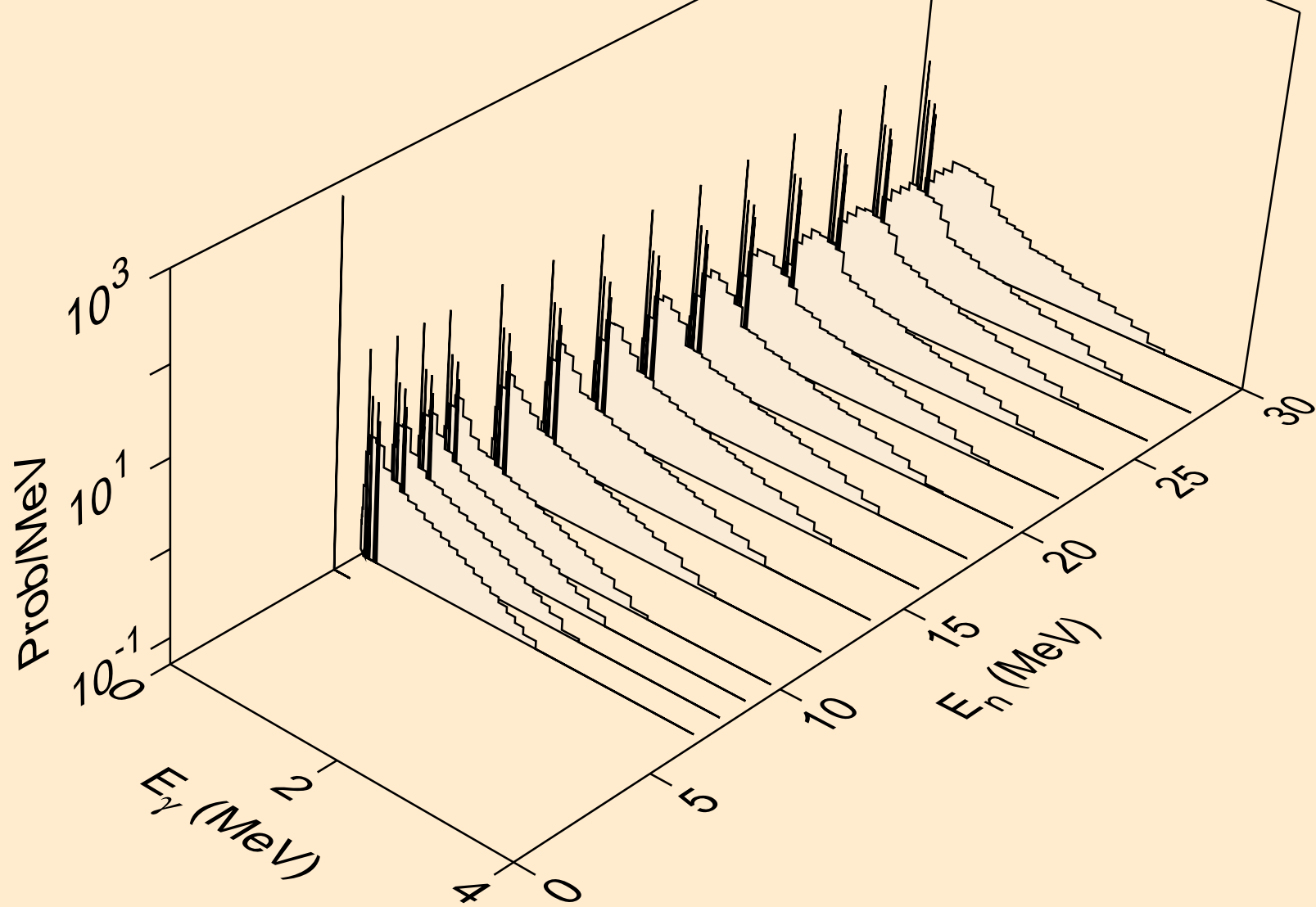
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Photon emission for (n,gma)



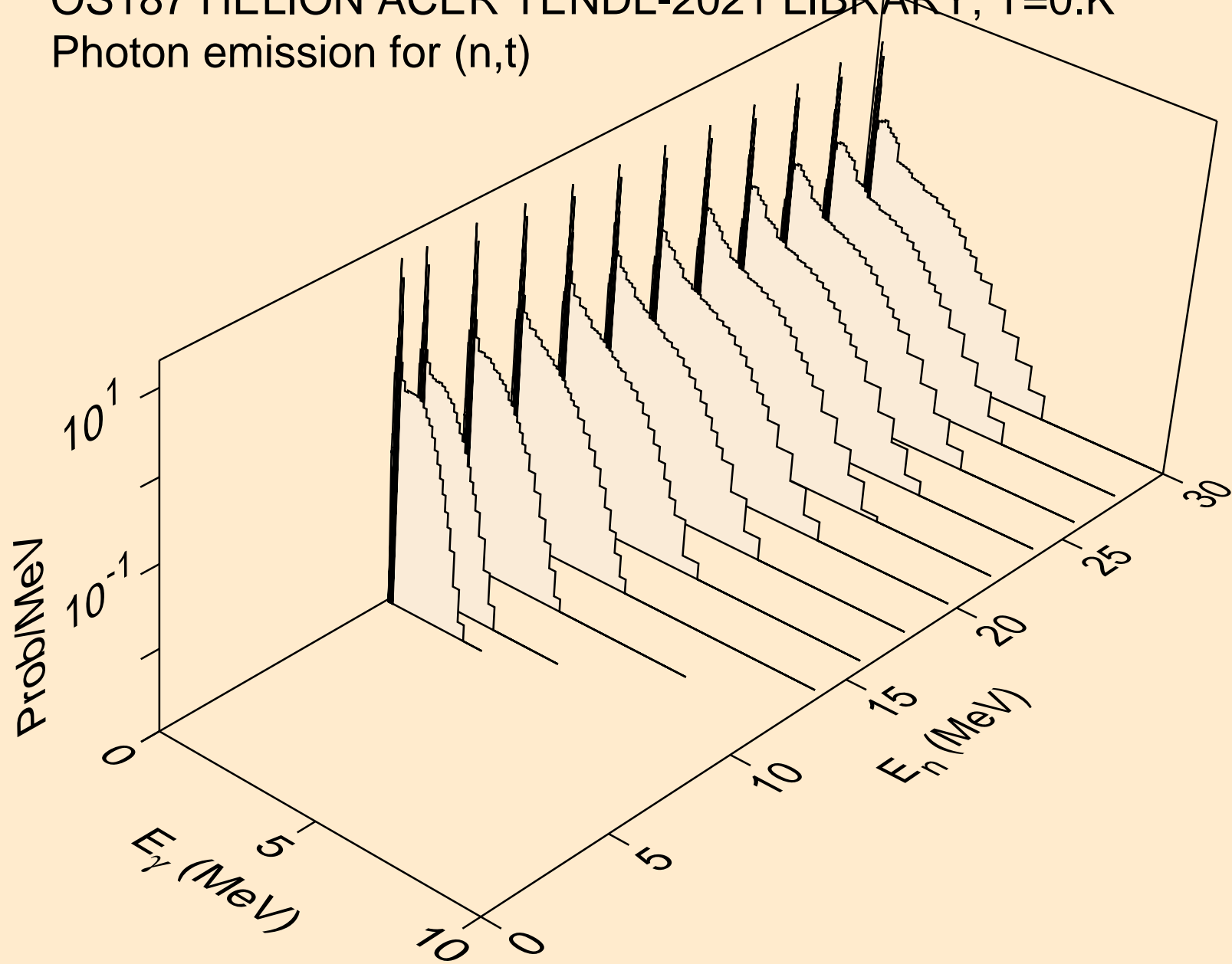
OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p)



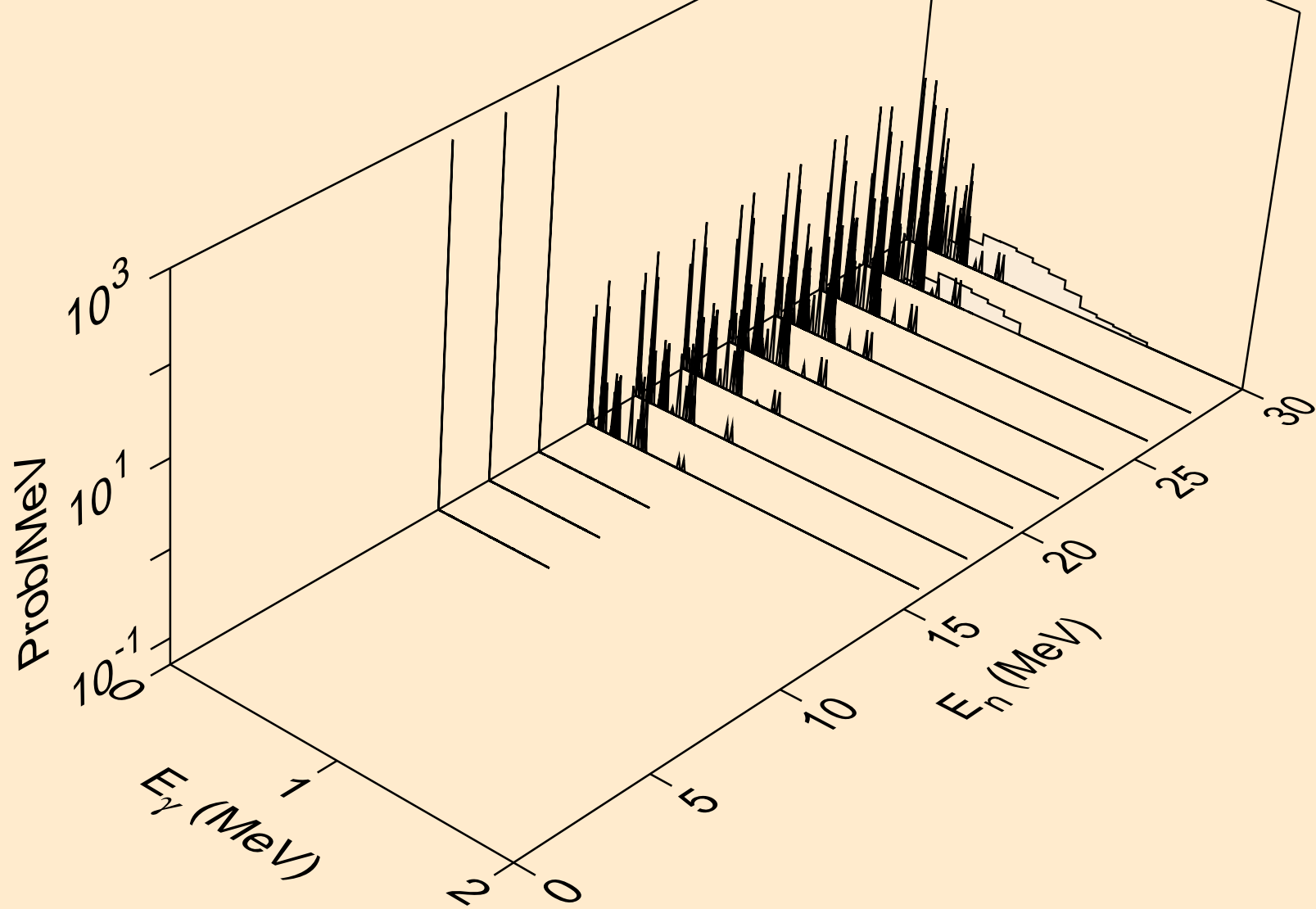
OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)



OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)

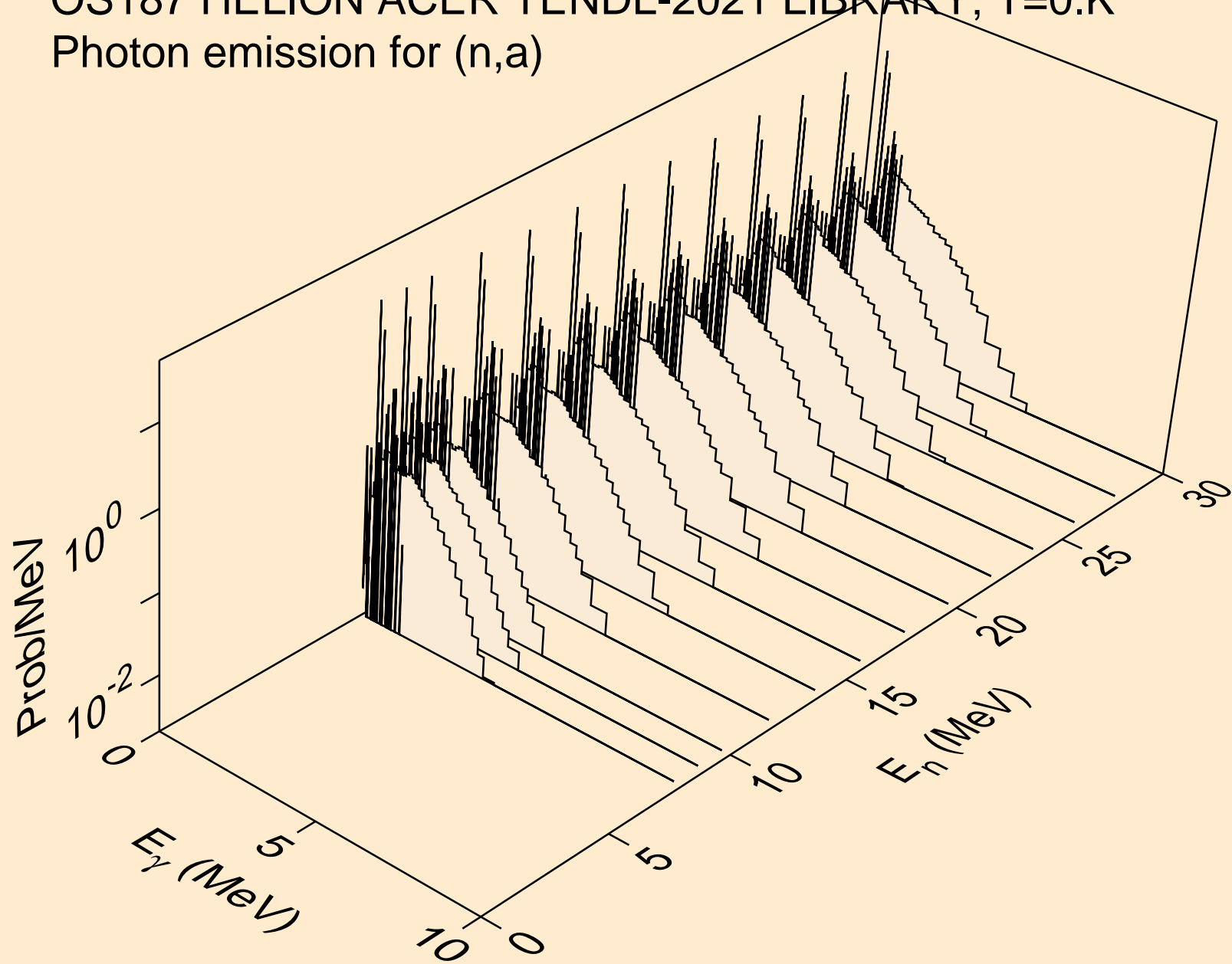


OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic

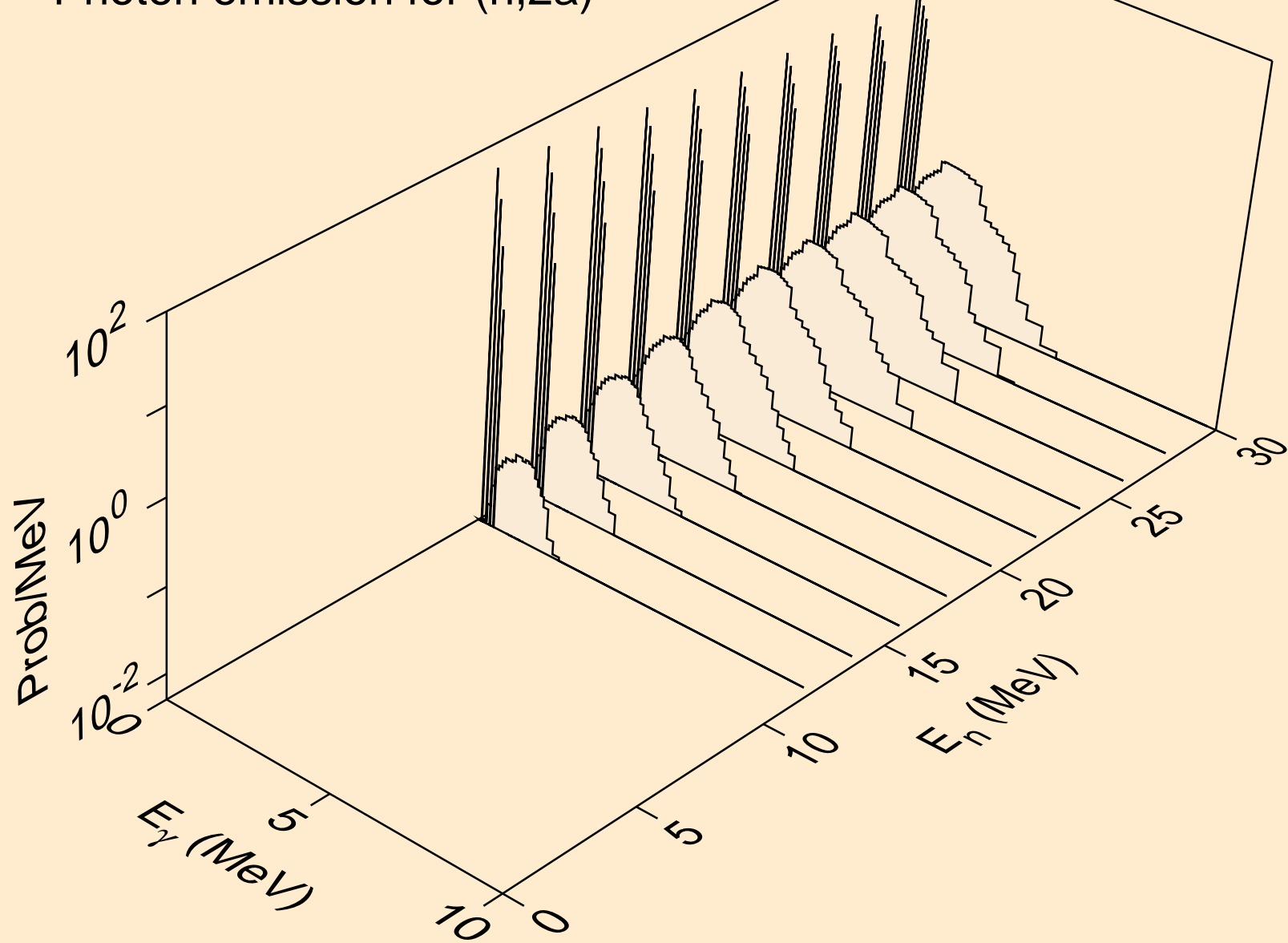




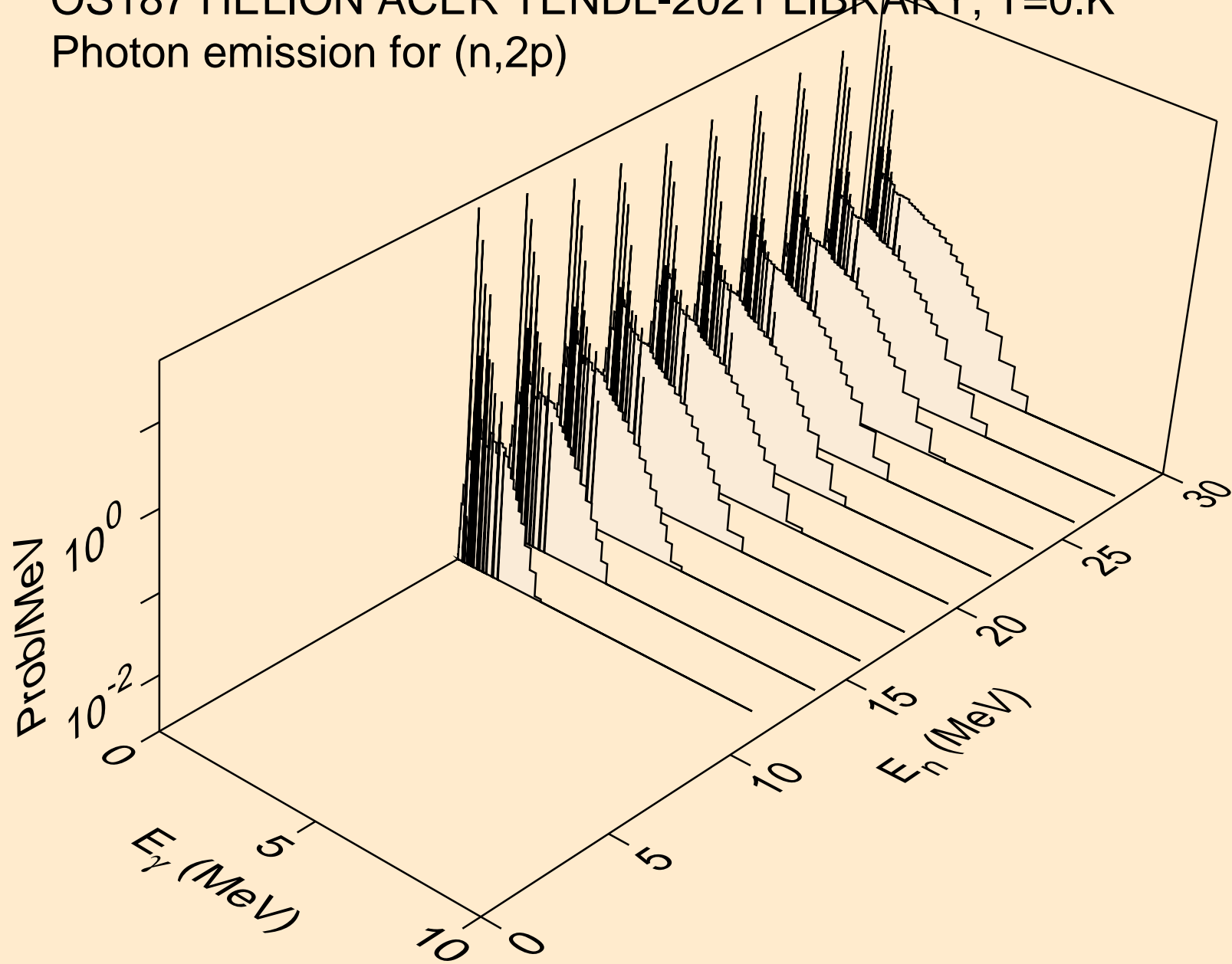
OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,a)



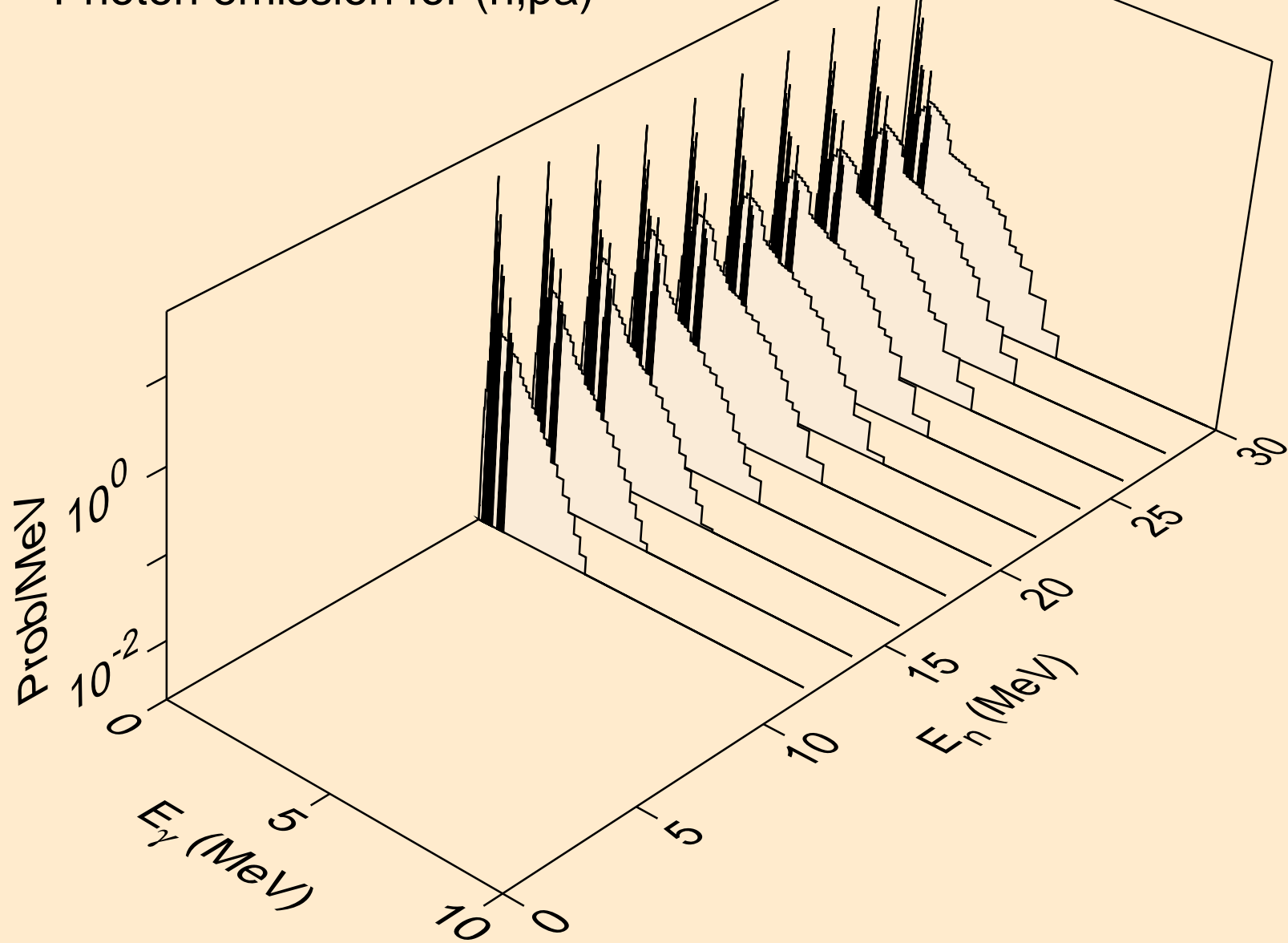
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Photon emission for (n,2a)



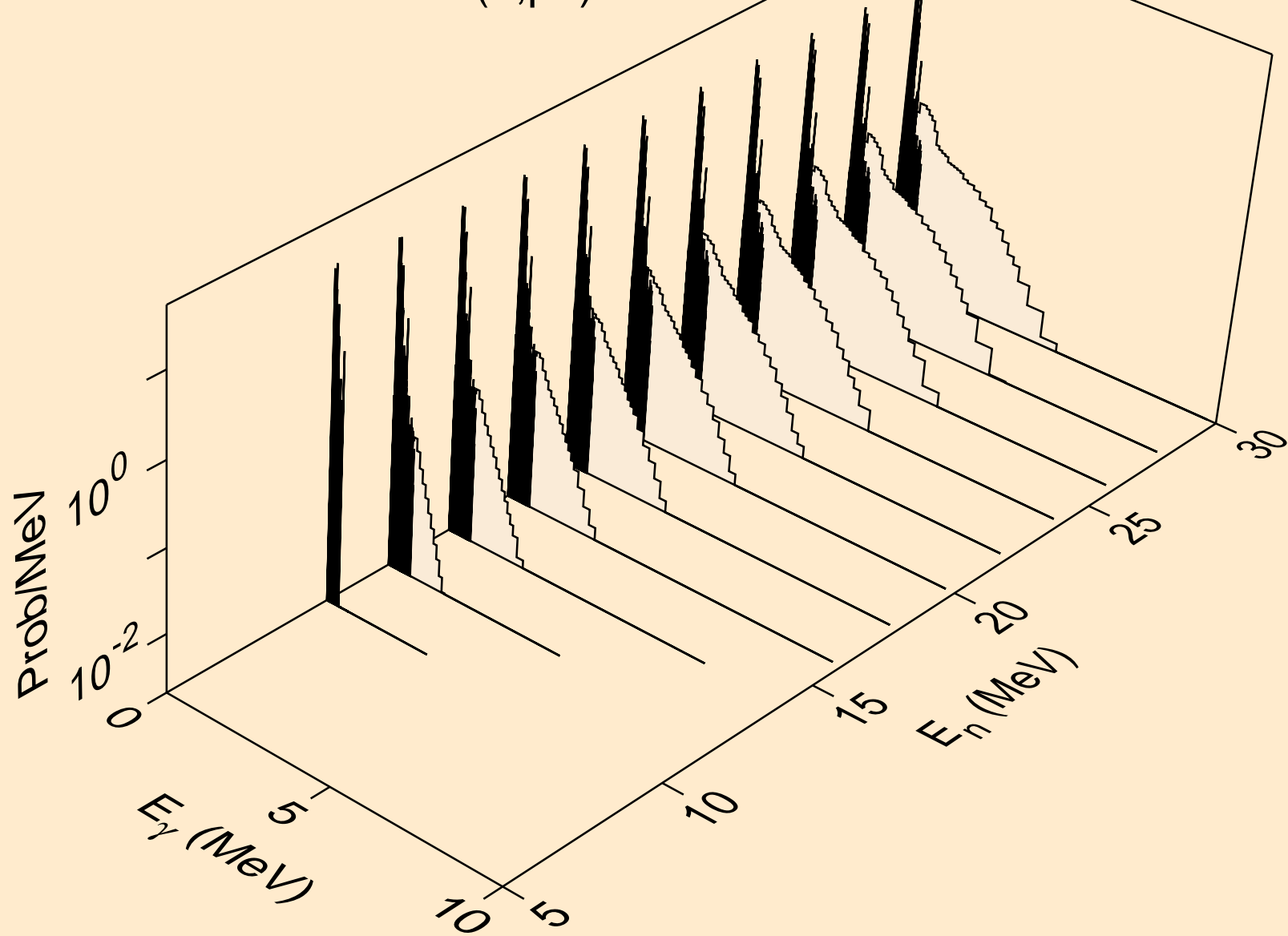
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Photon emission for (n,2p)



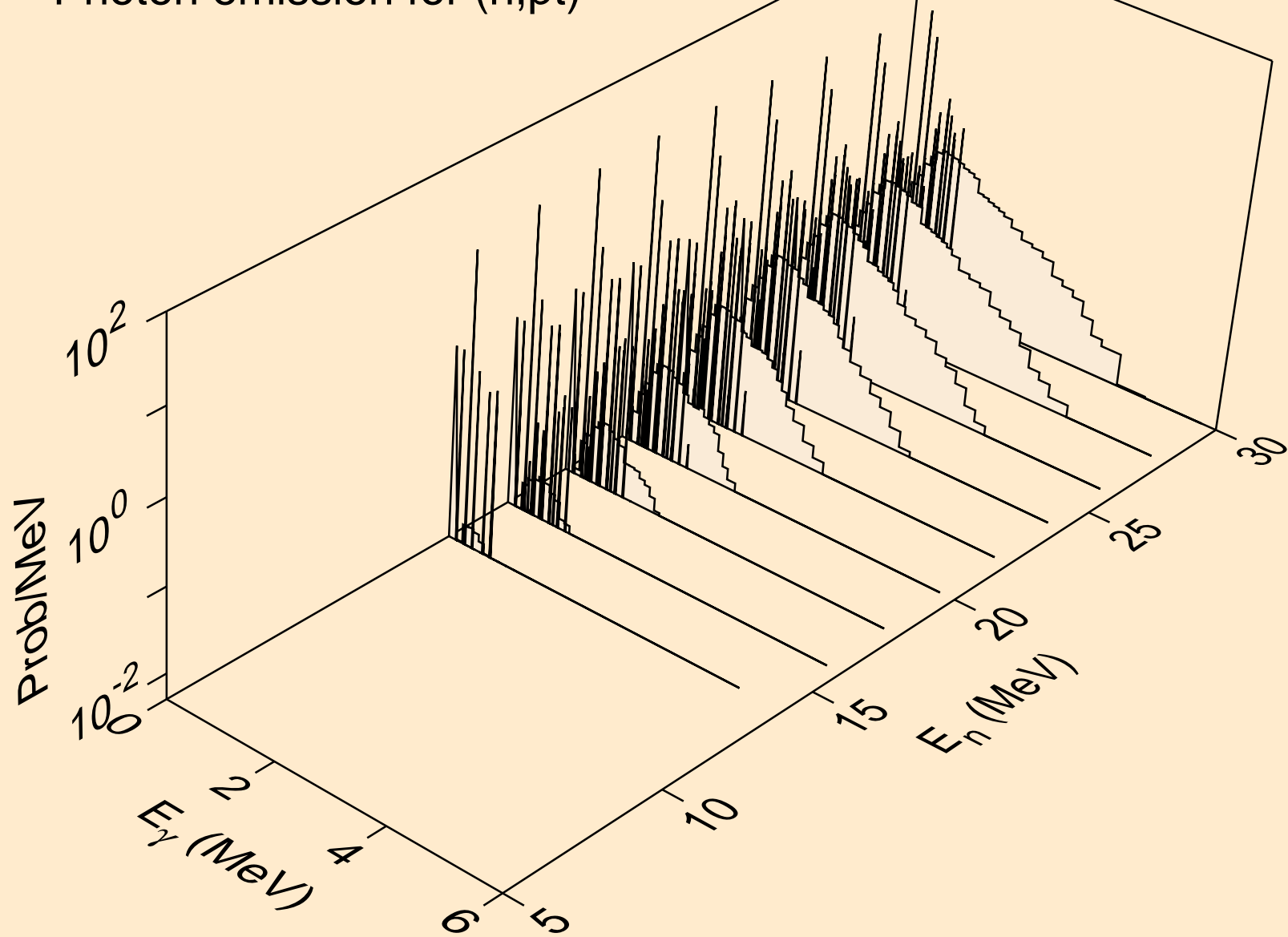
OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pa)



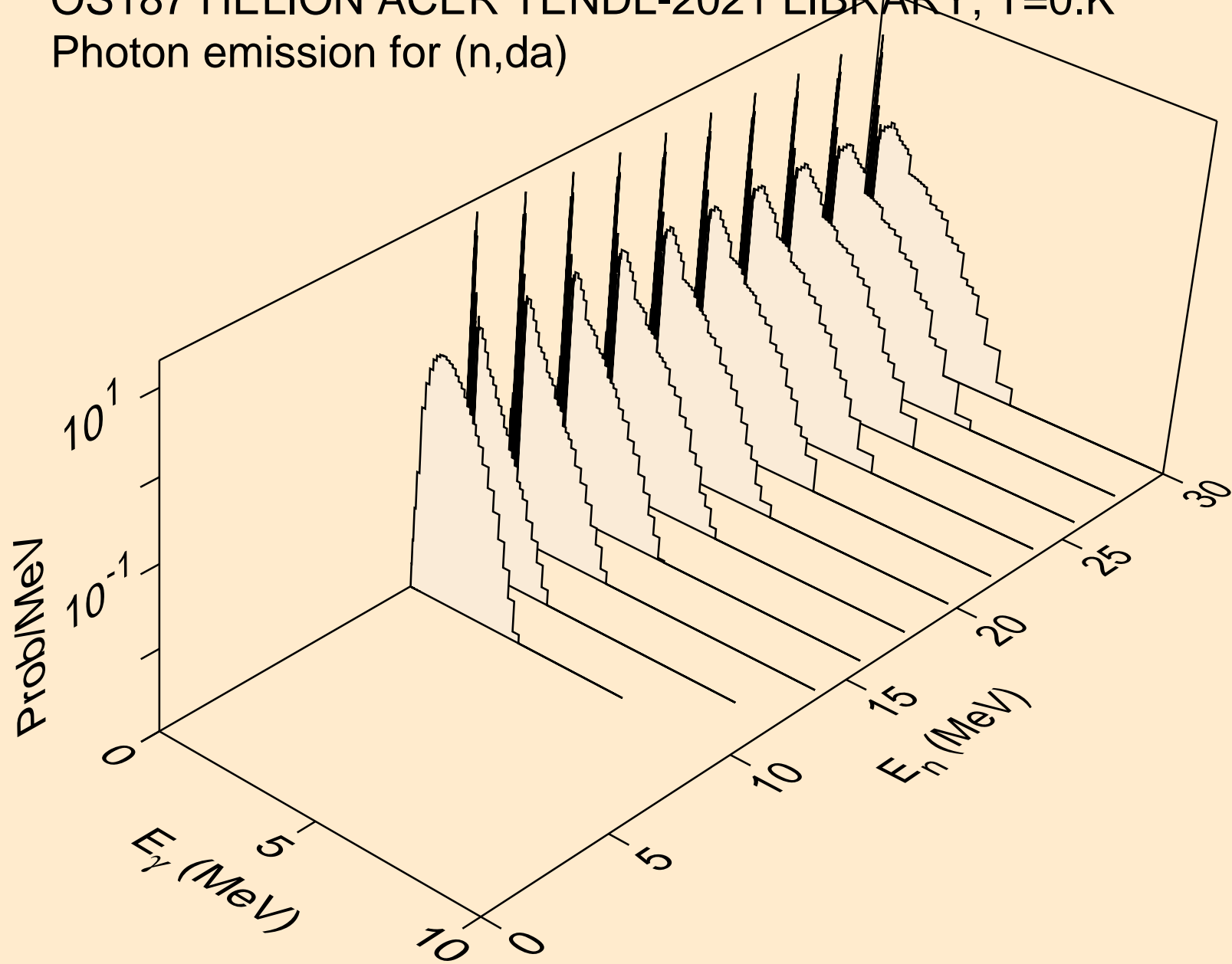
OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)



OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)

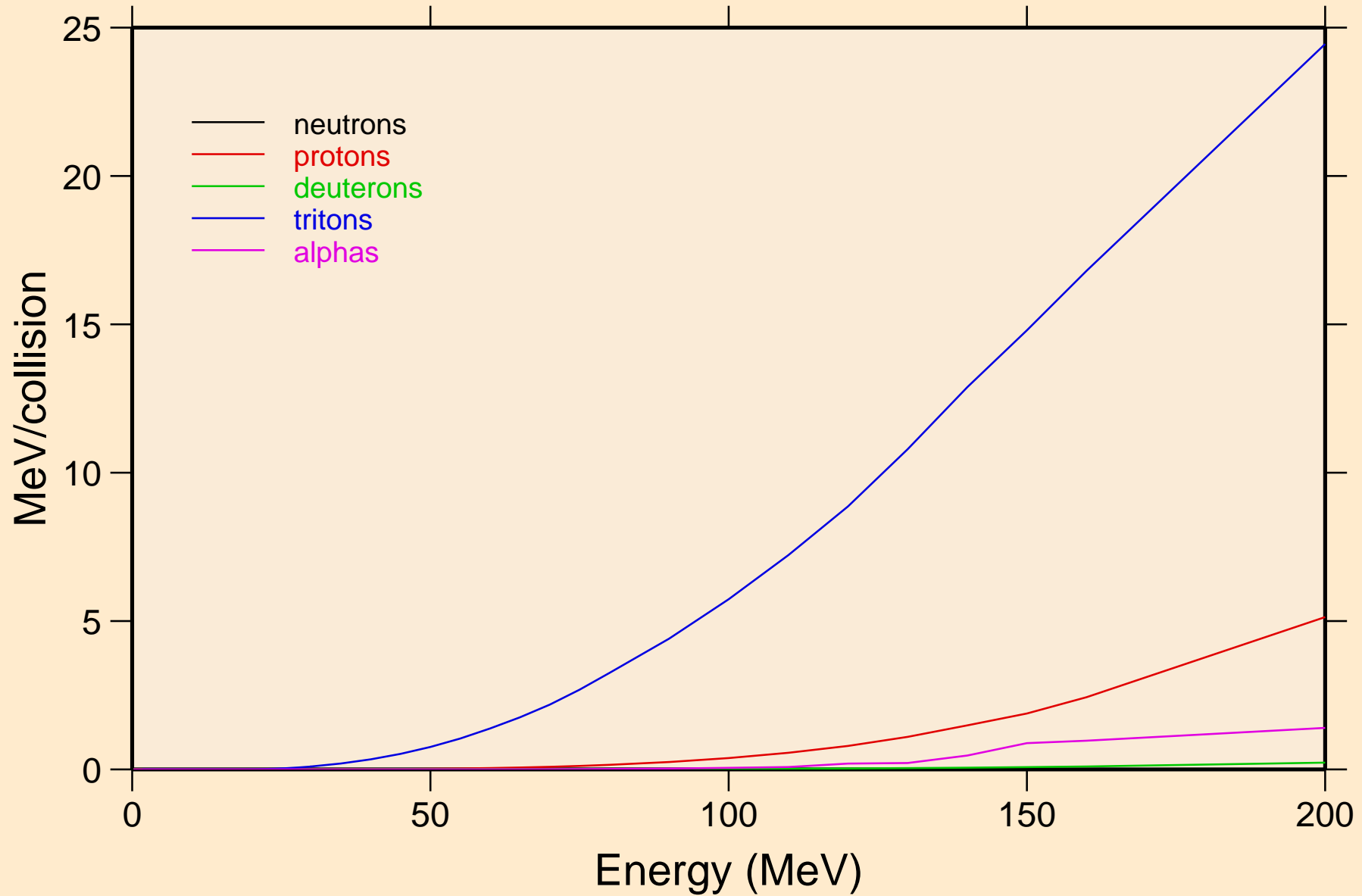


OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,da)



# OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K

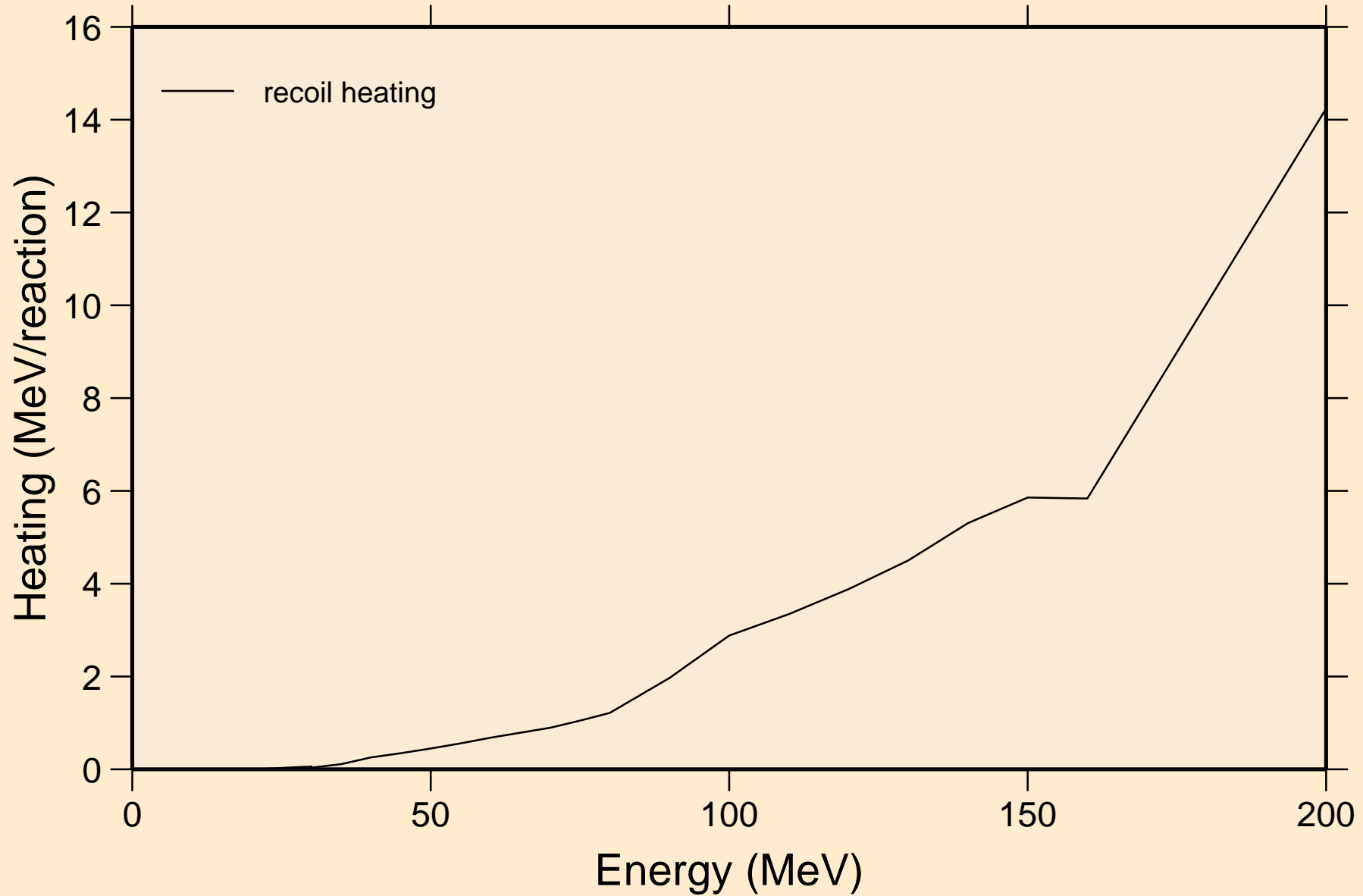
## Particle heating contributions



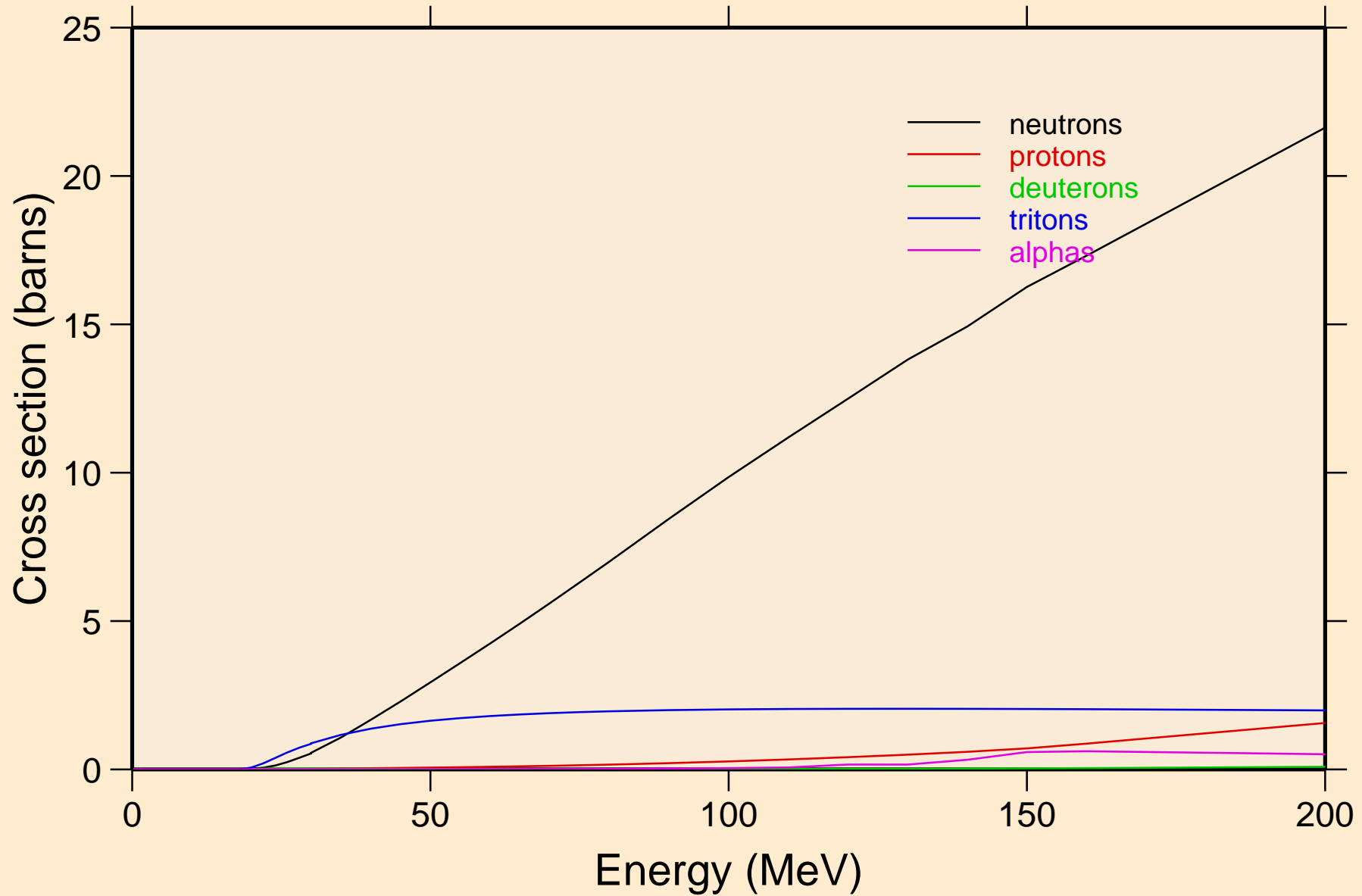


OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K

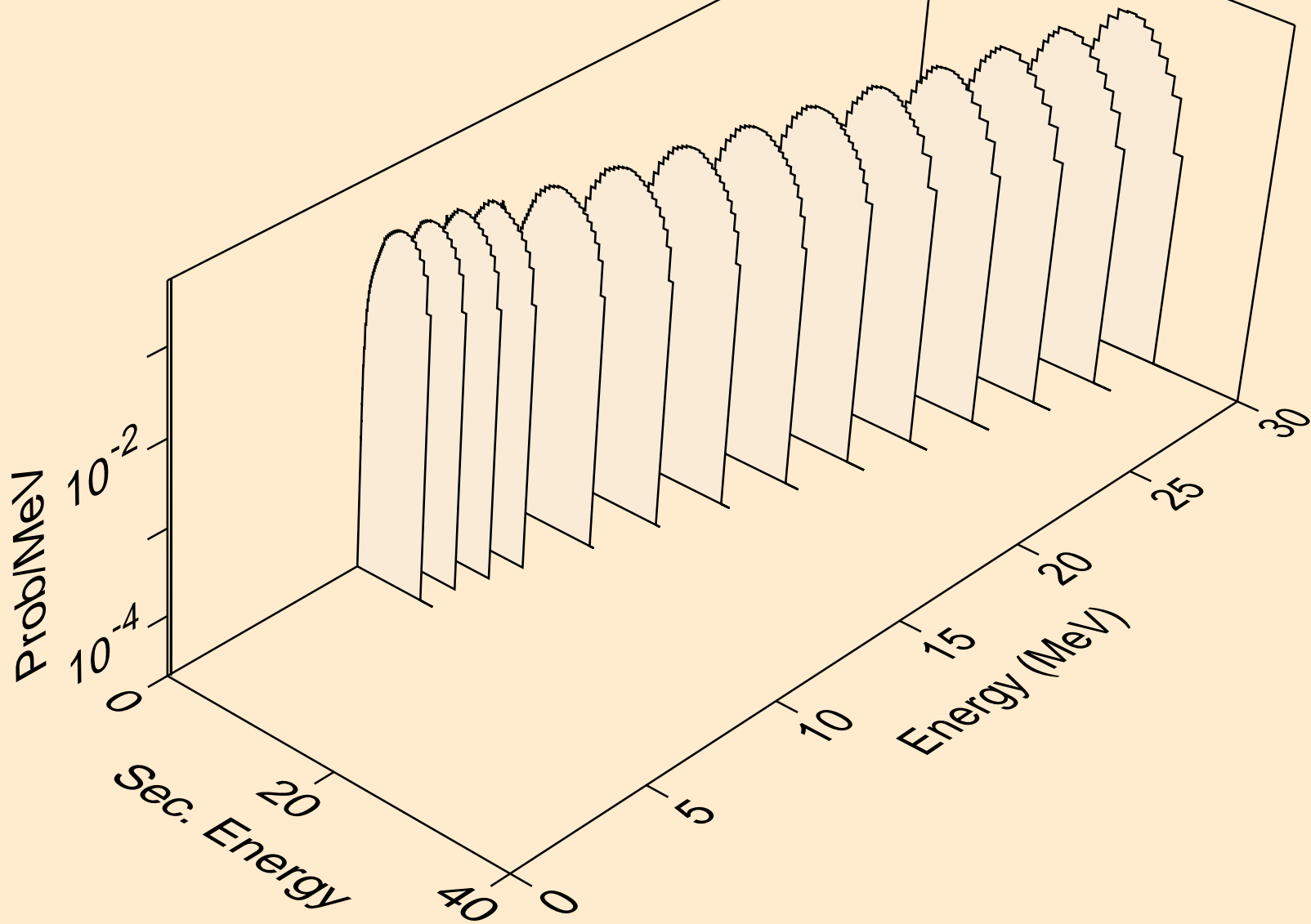
Recoil Heating



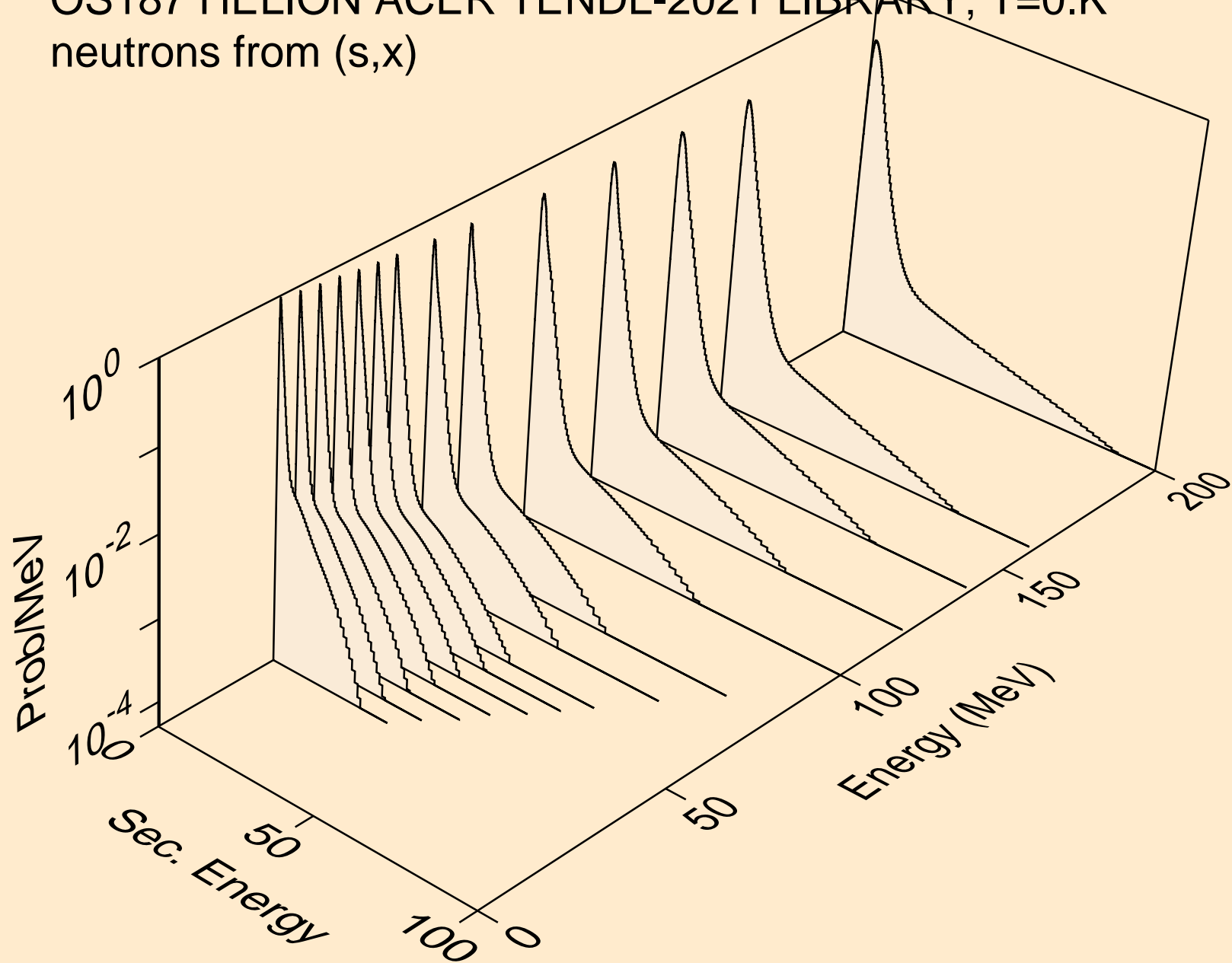
OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



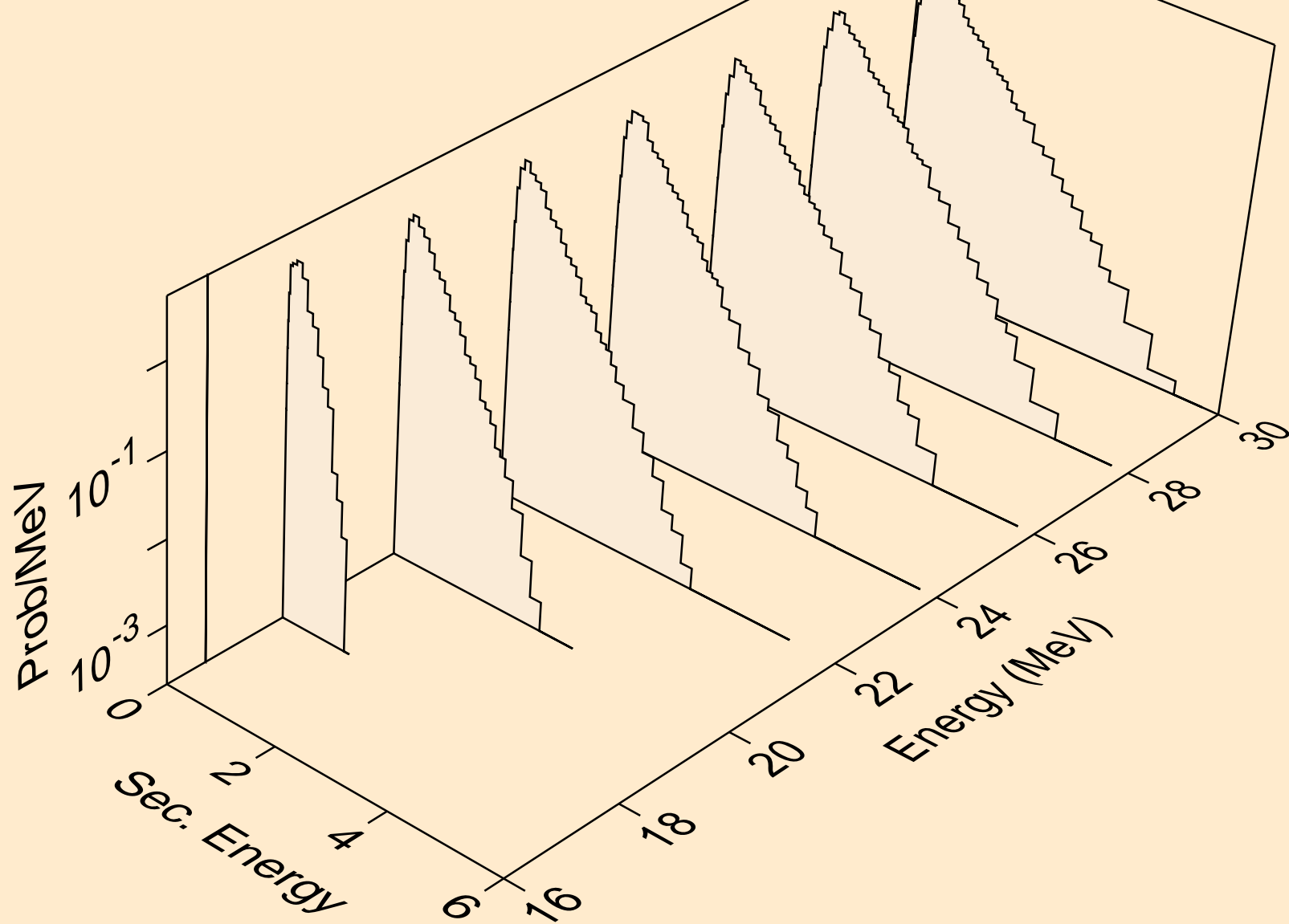
OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n)



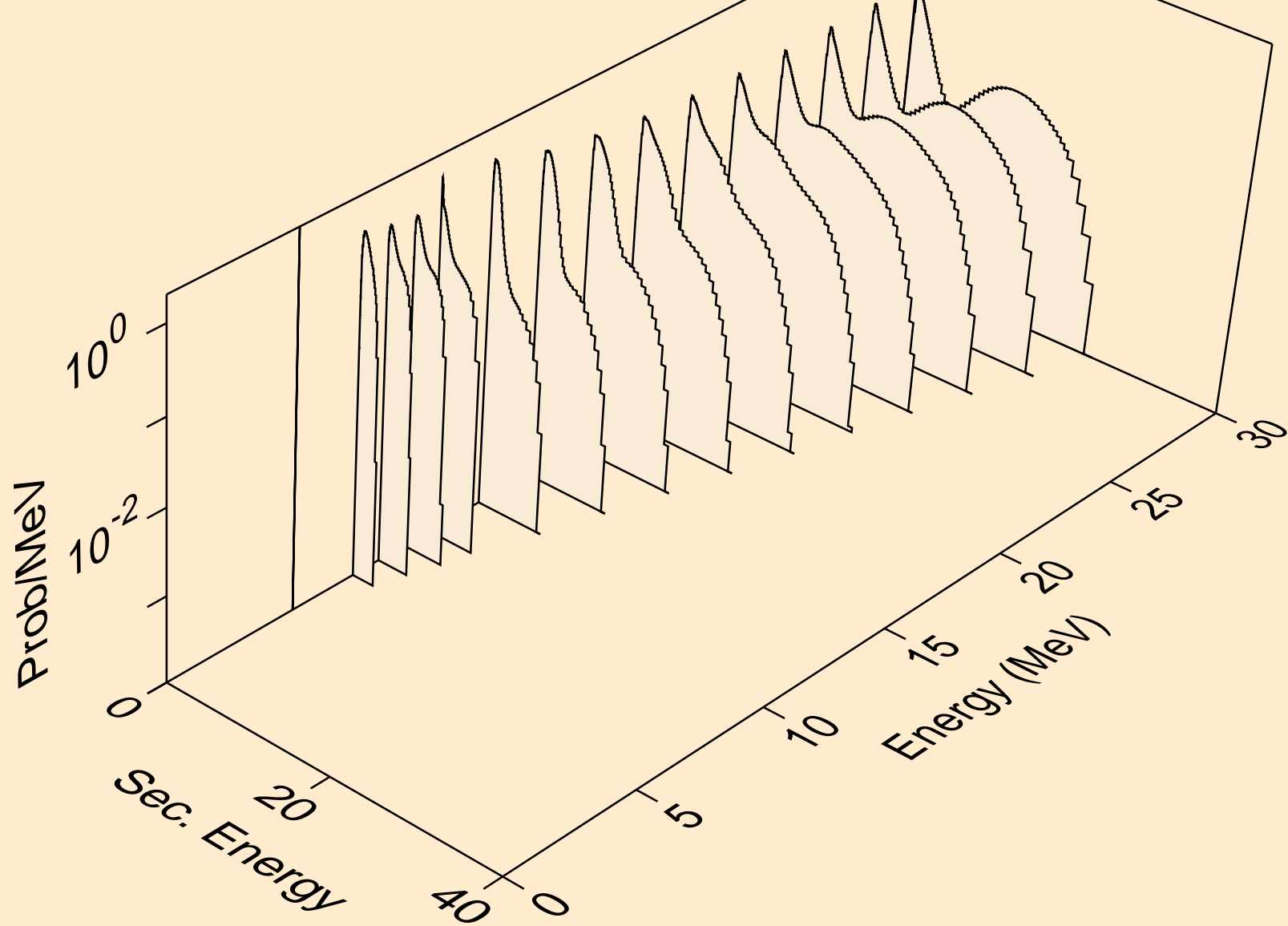
OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,x)



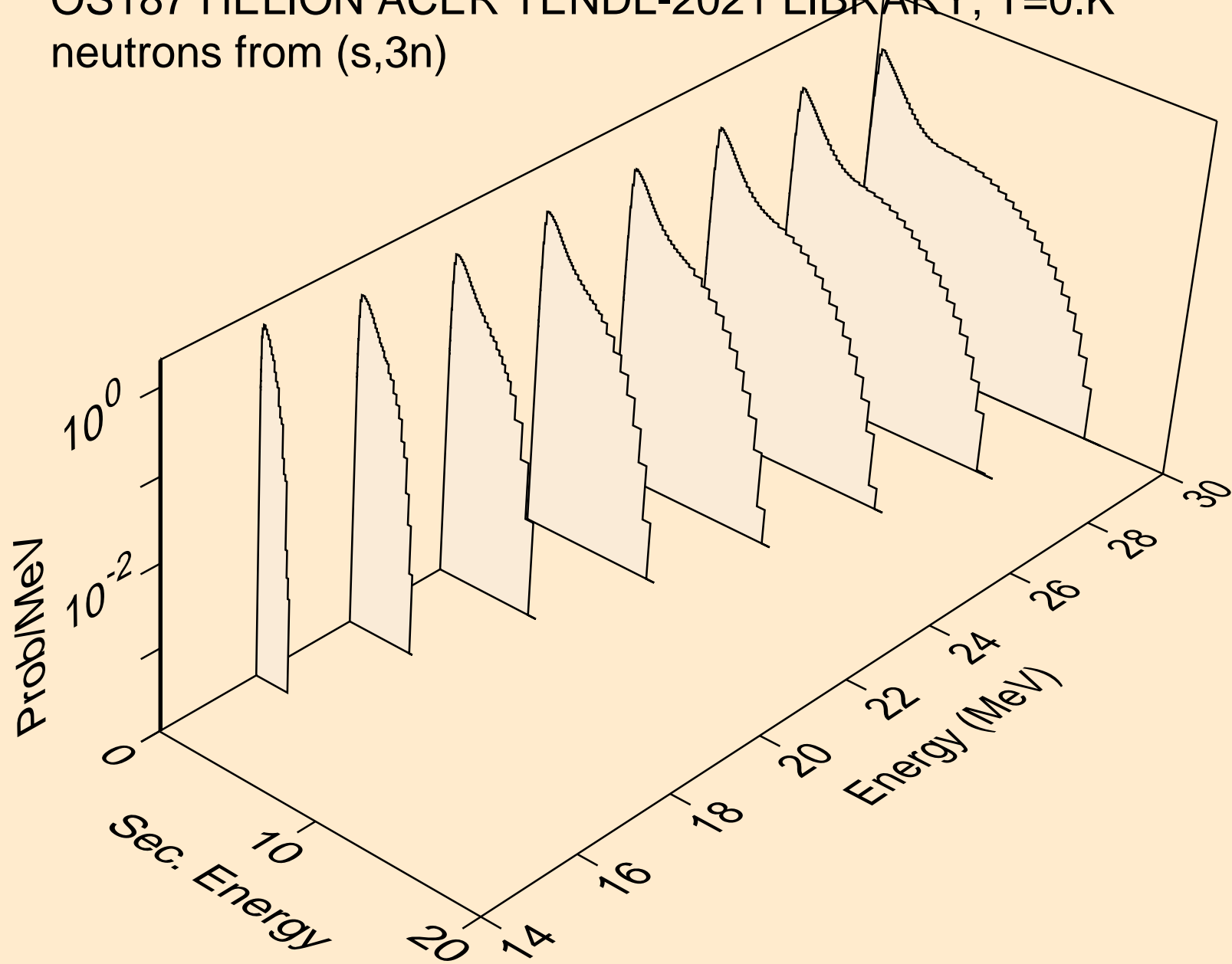
OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2nd)



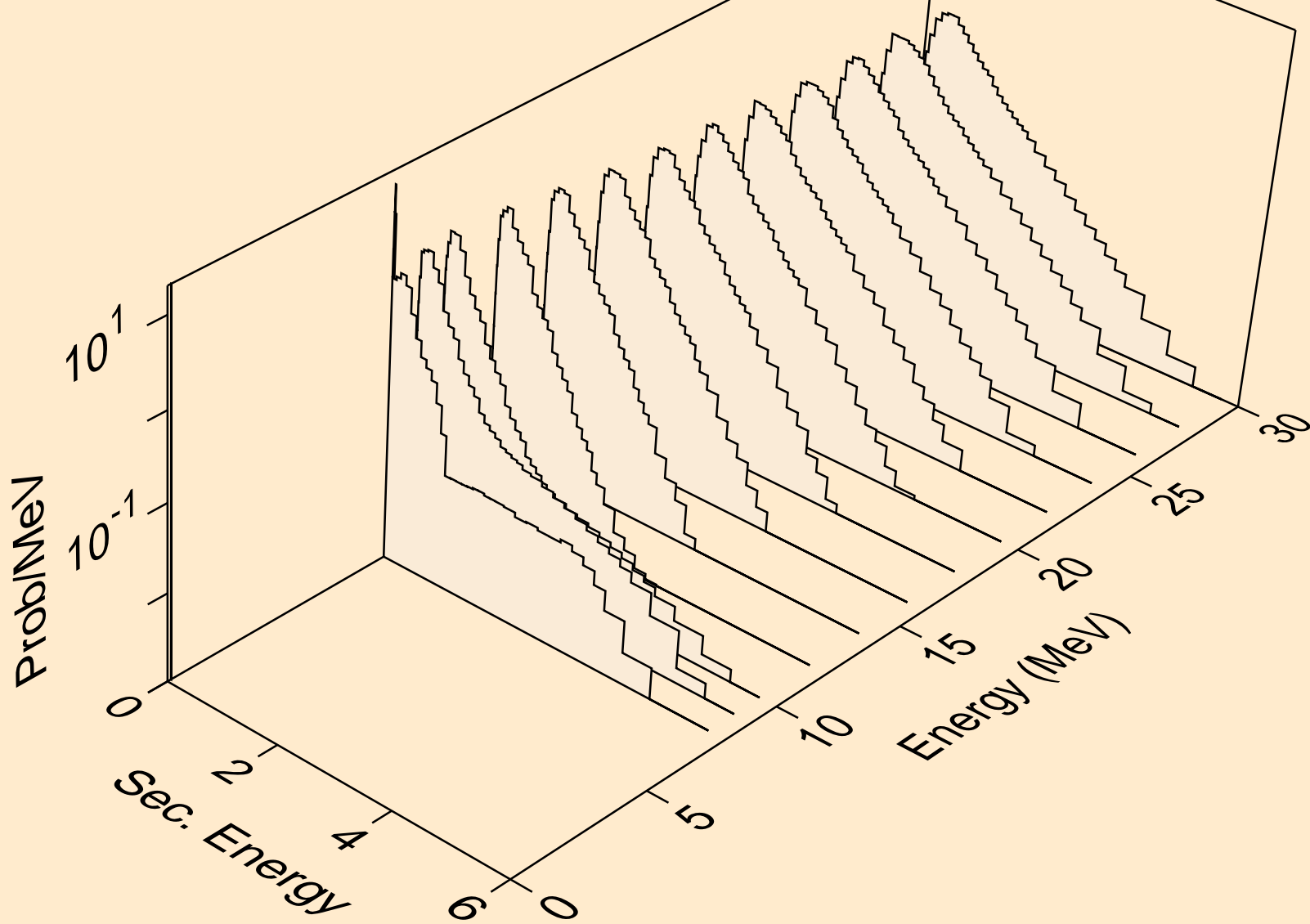
OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)



OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3n)

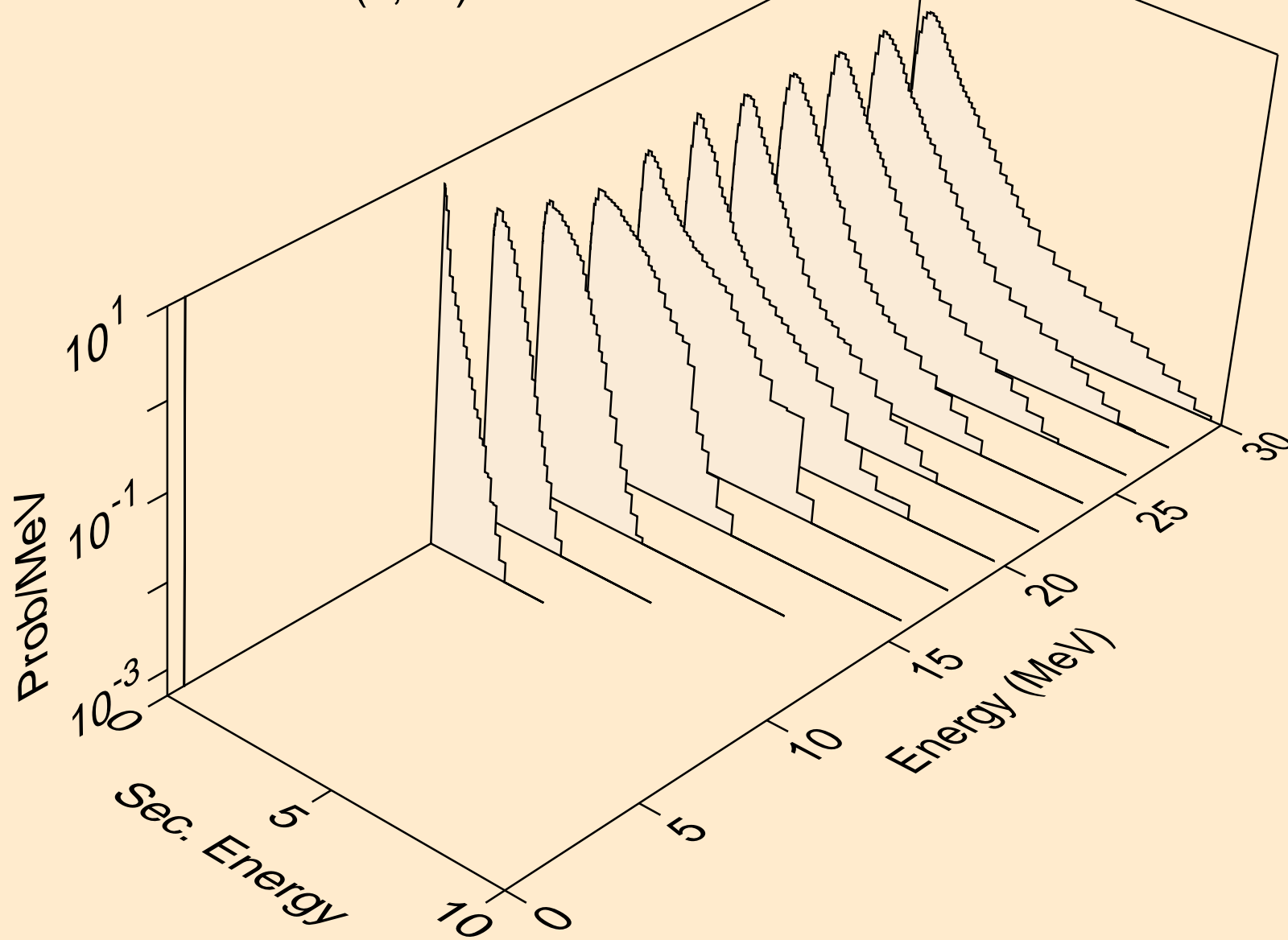


OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)a

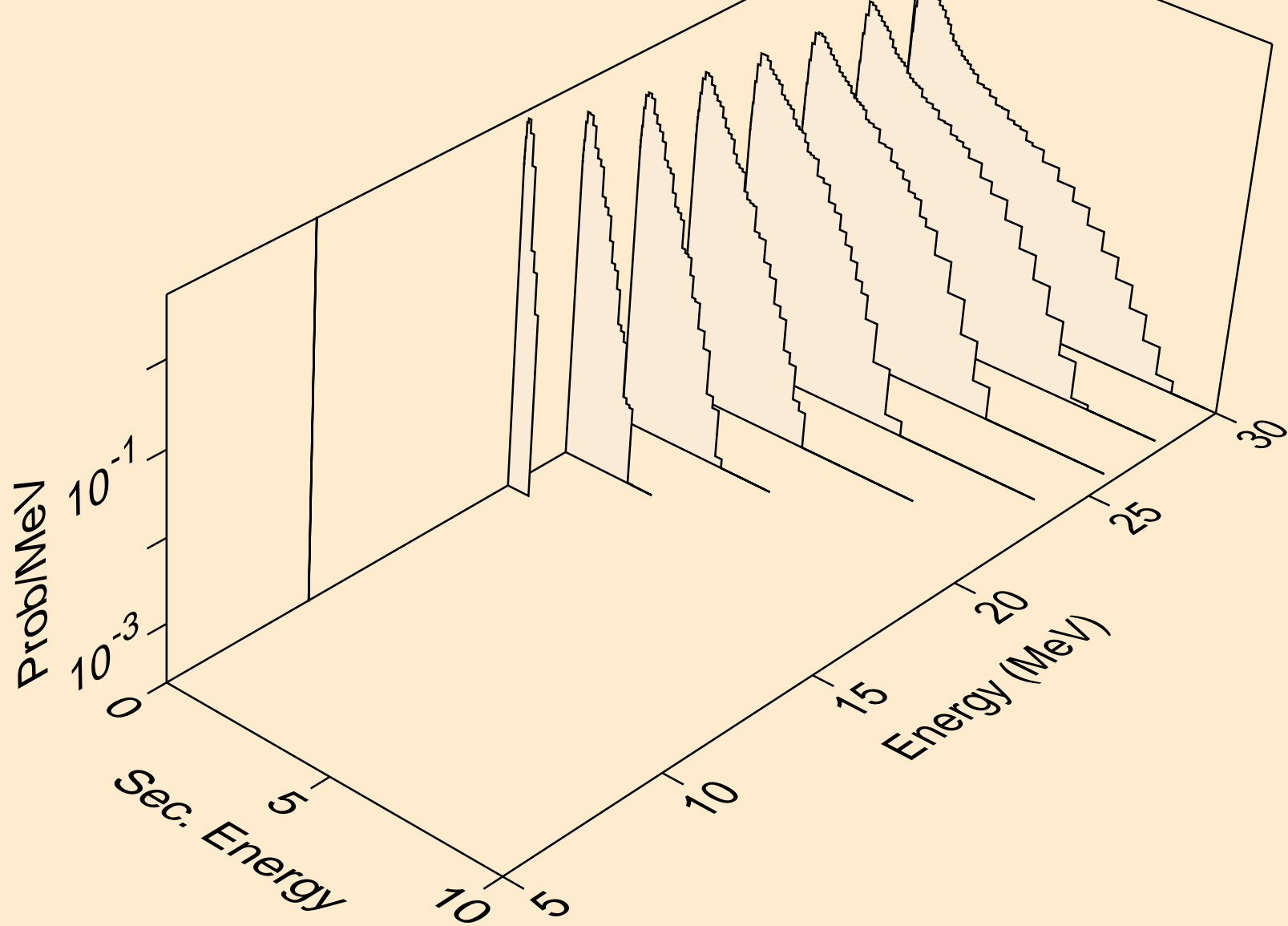




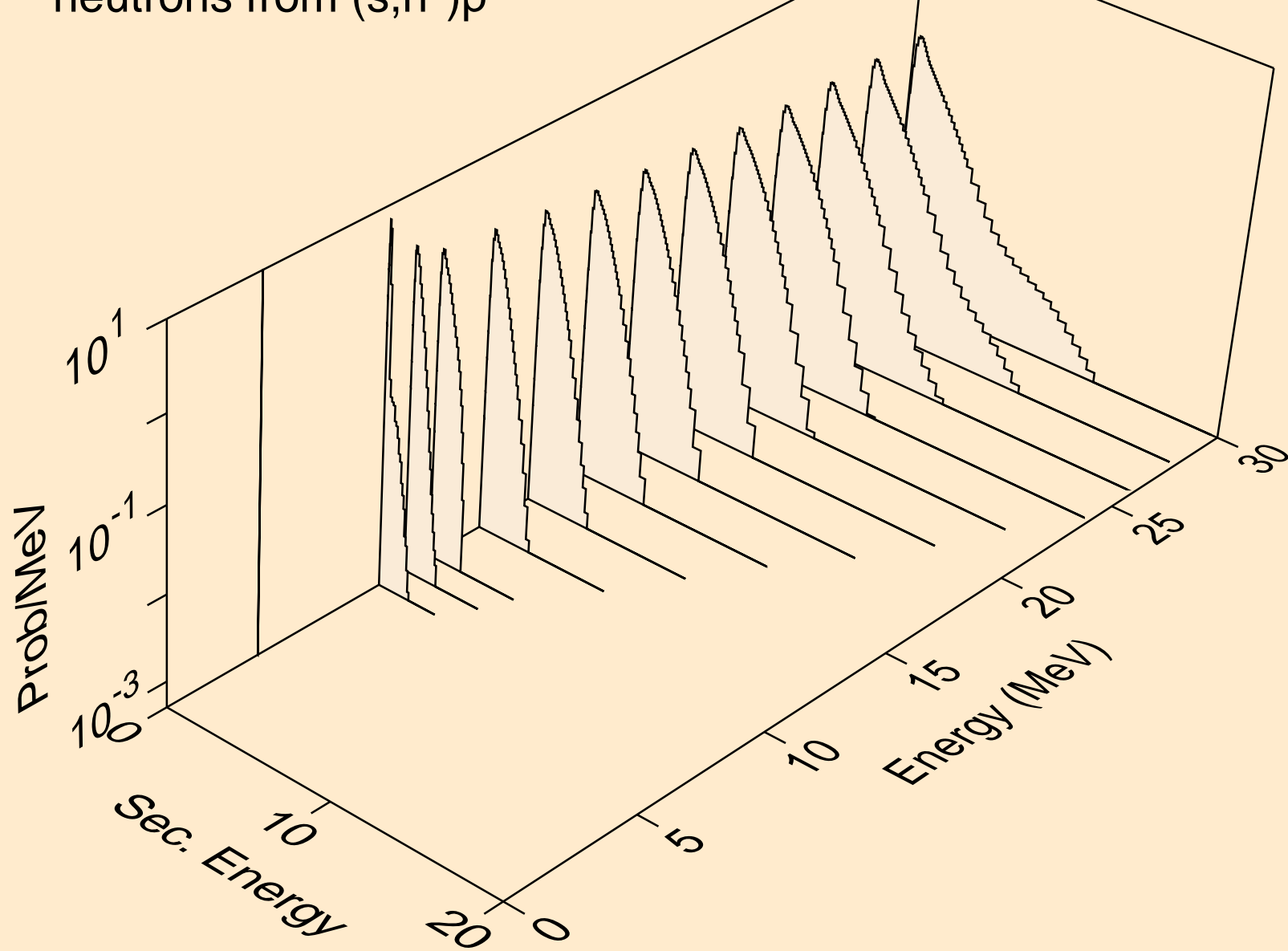
OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)a



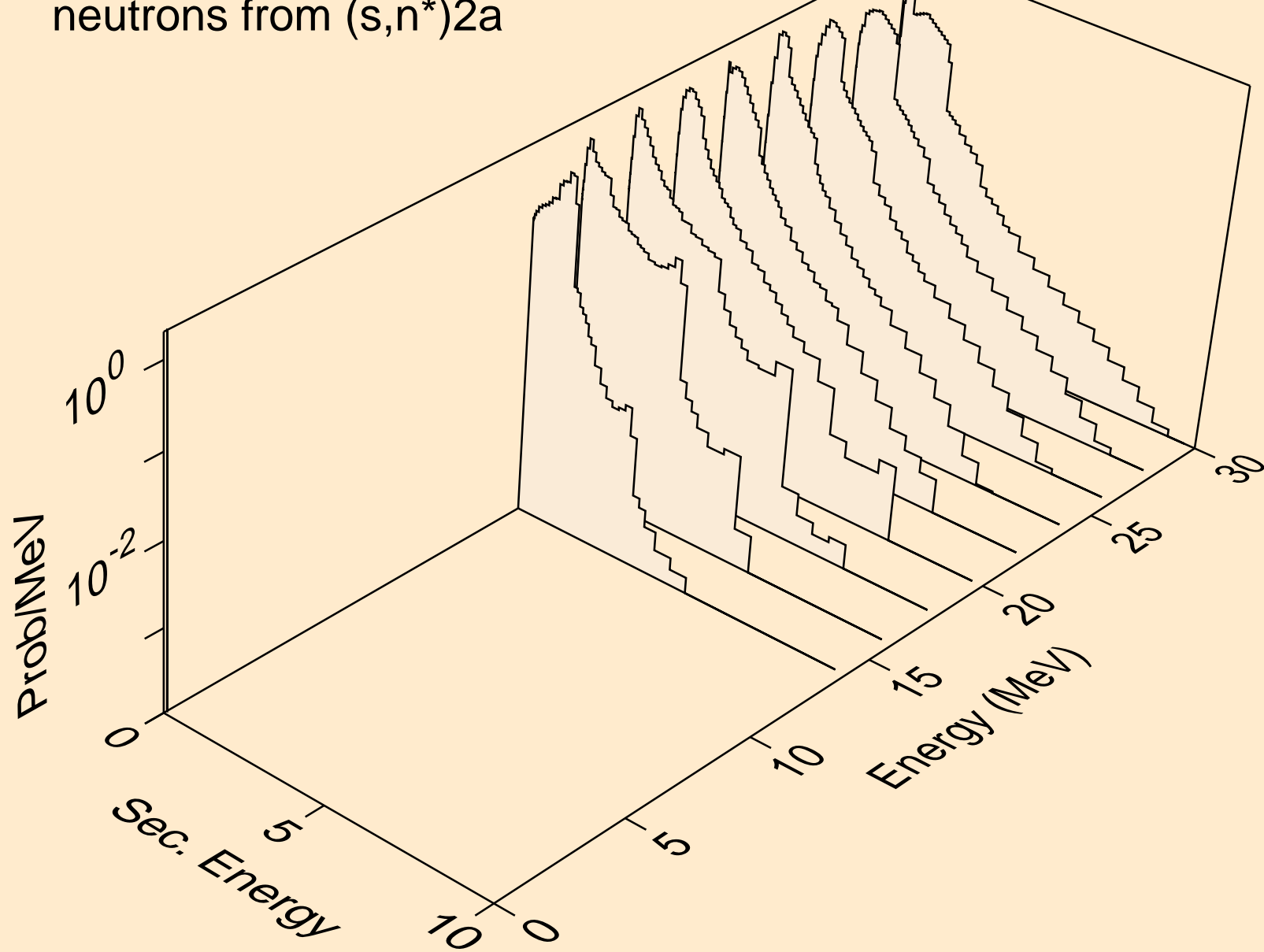
OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3n)a



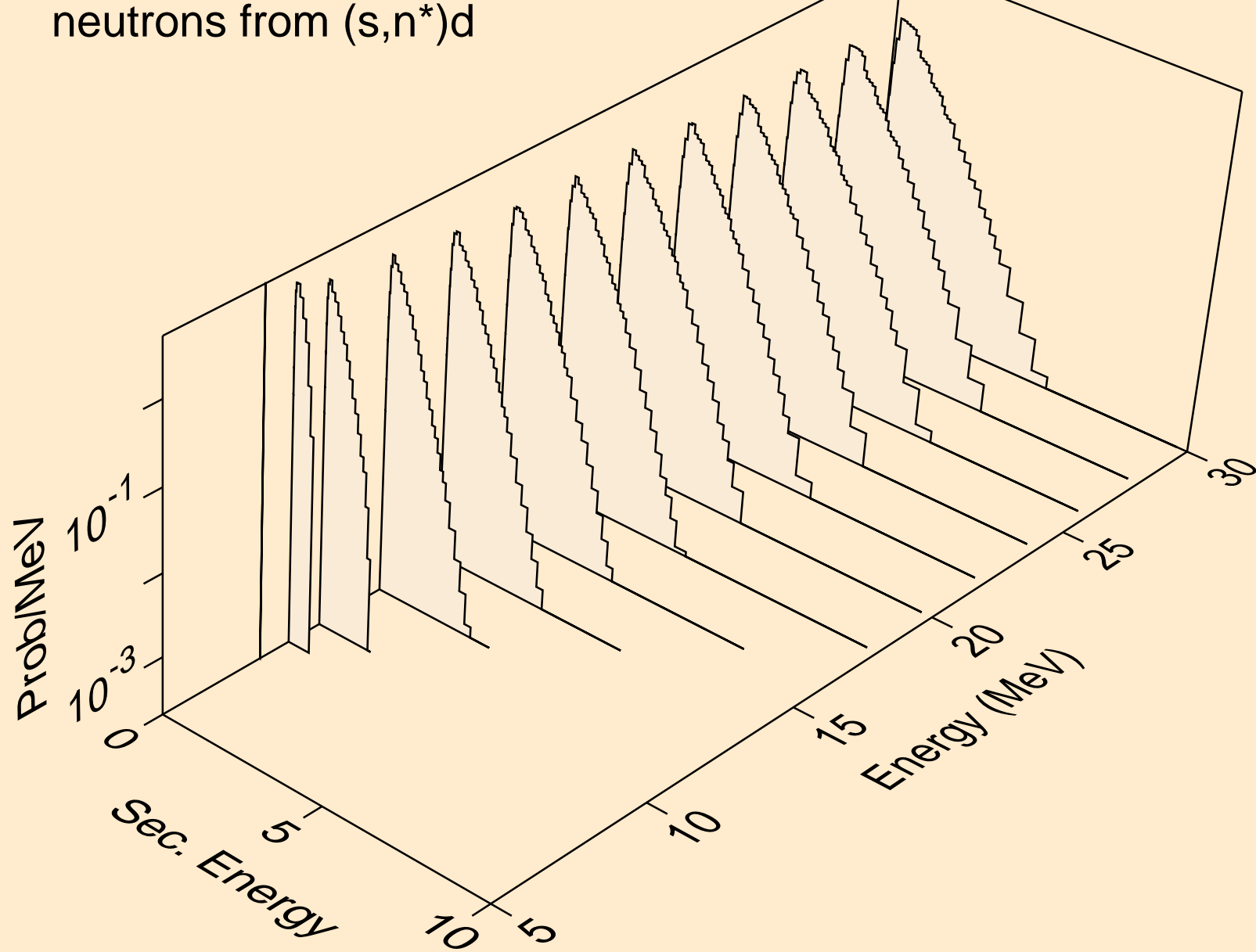
OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)p



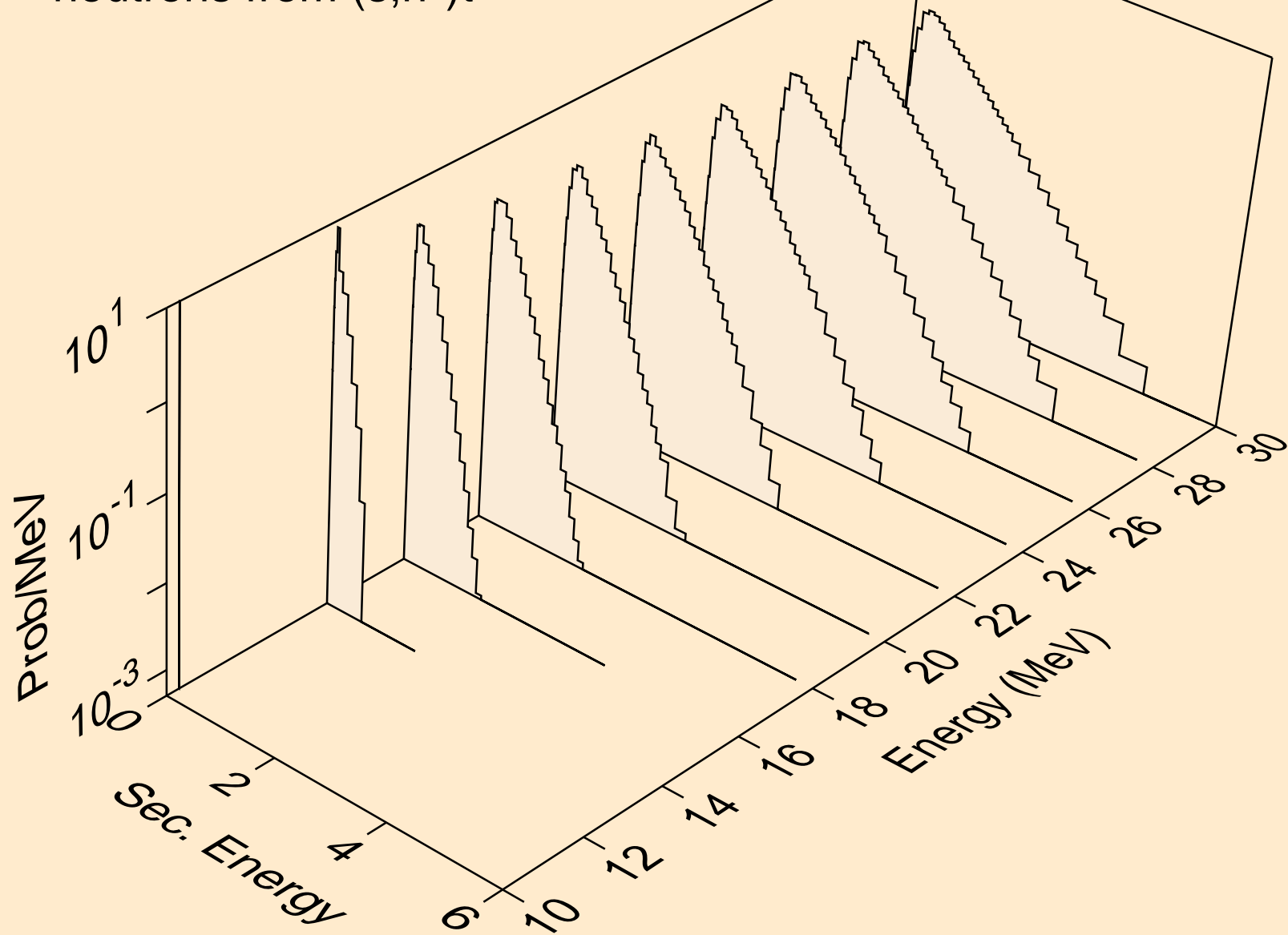
OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)2a



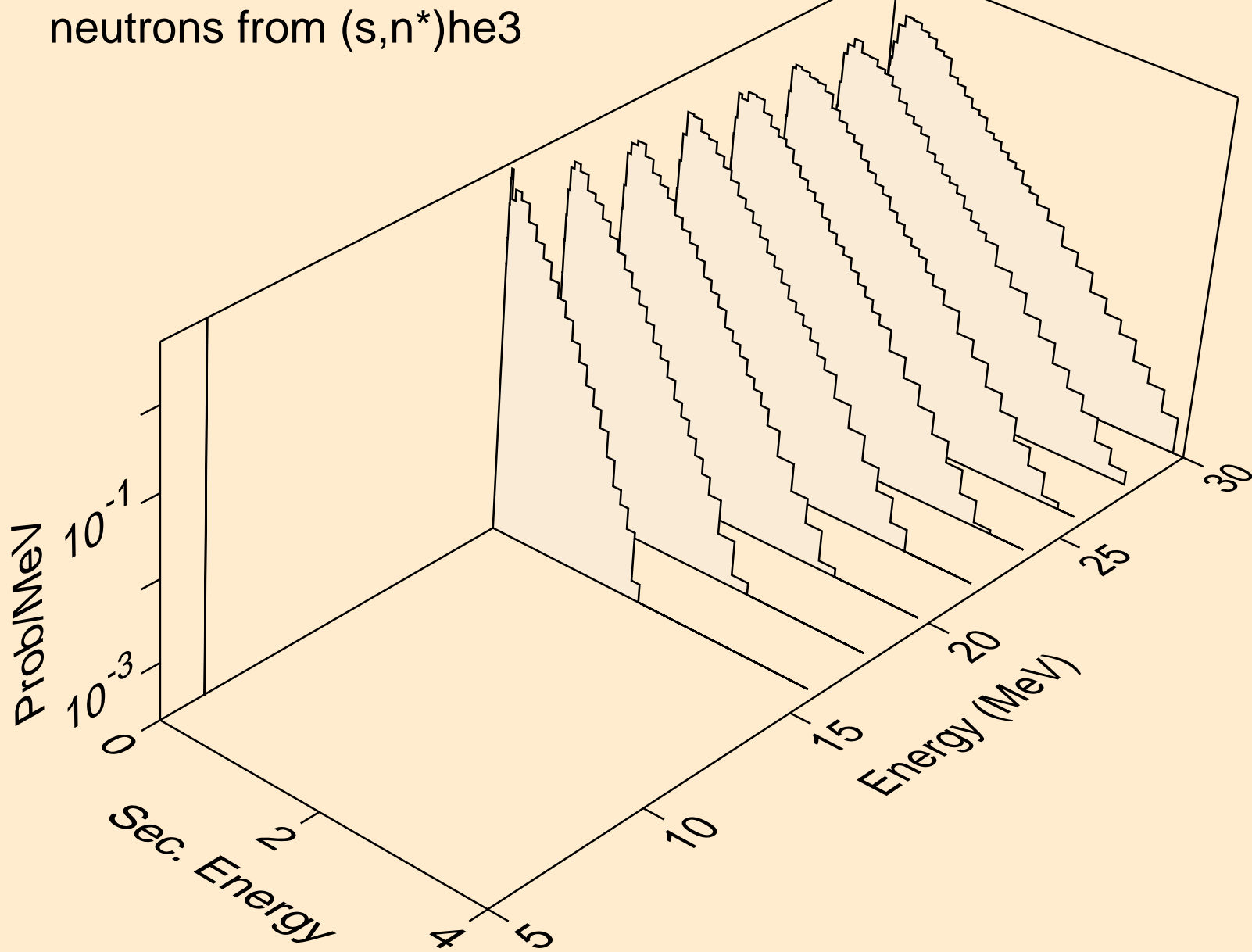
OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)d



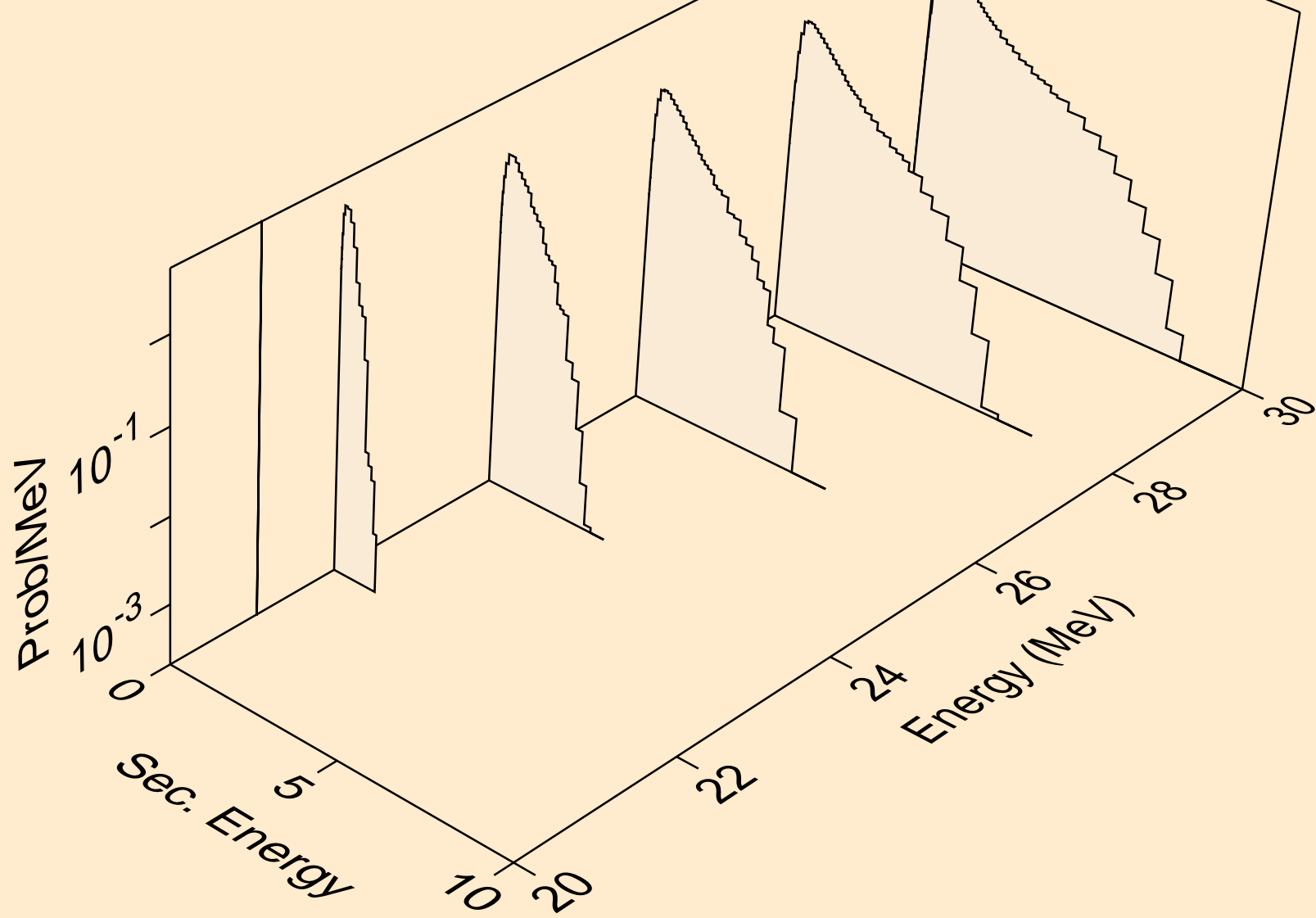
OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)t



OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)he3

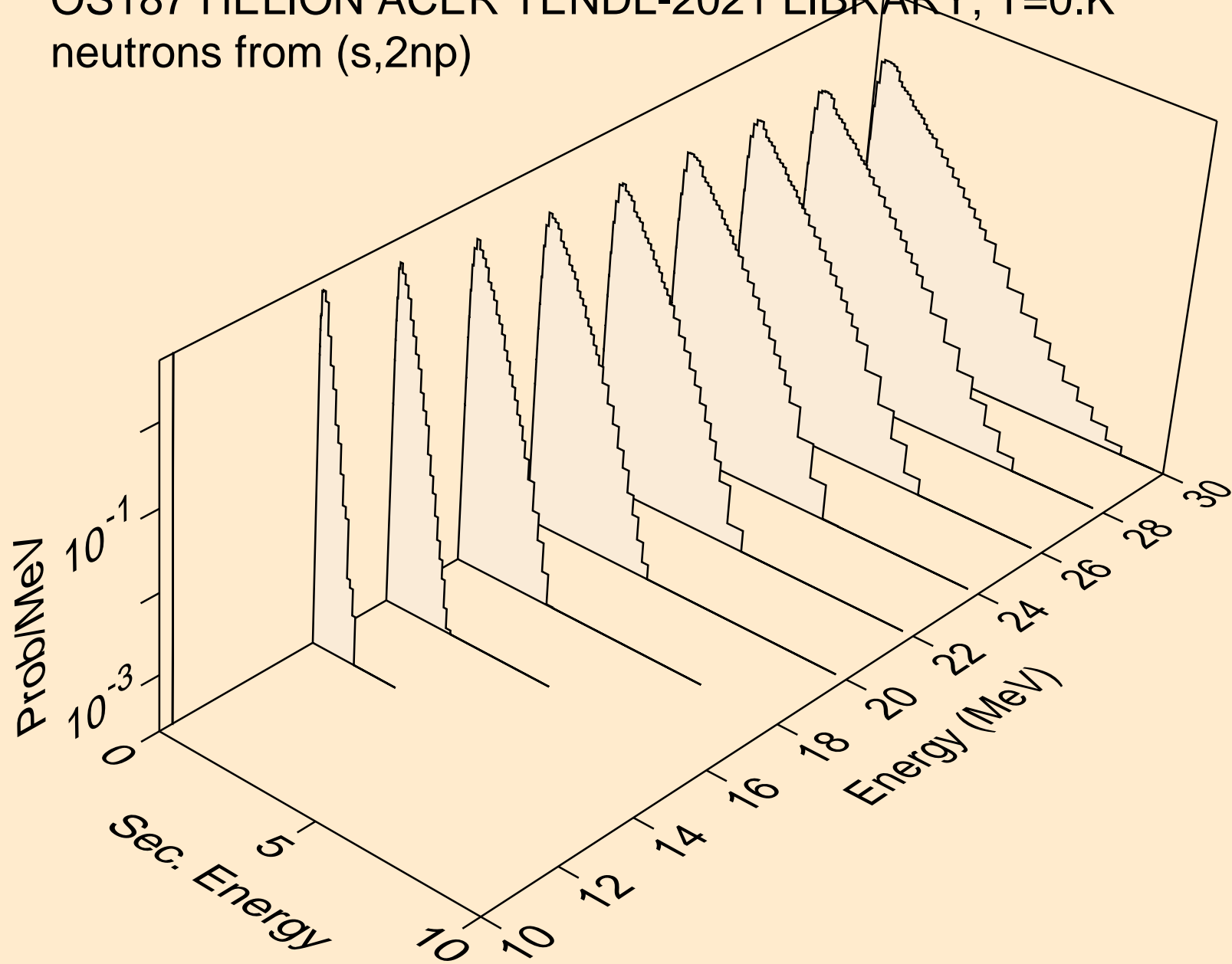


OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,4n)

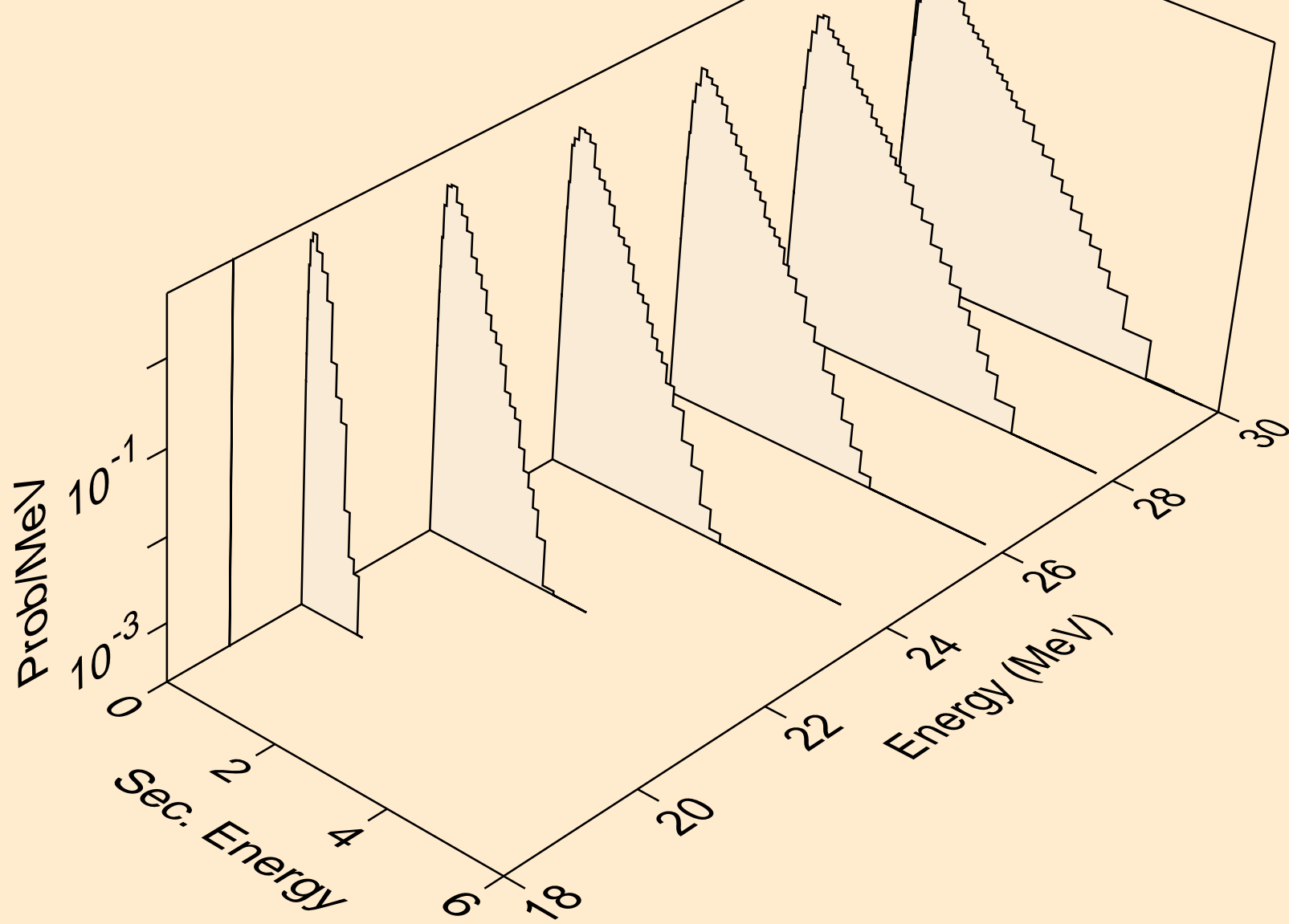




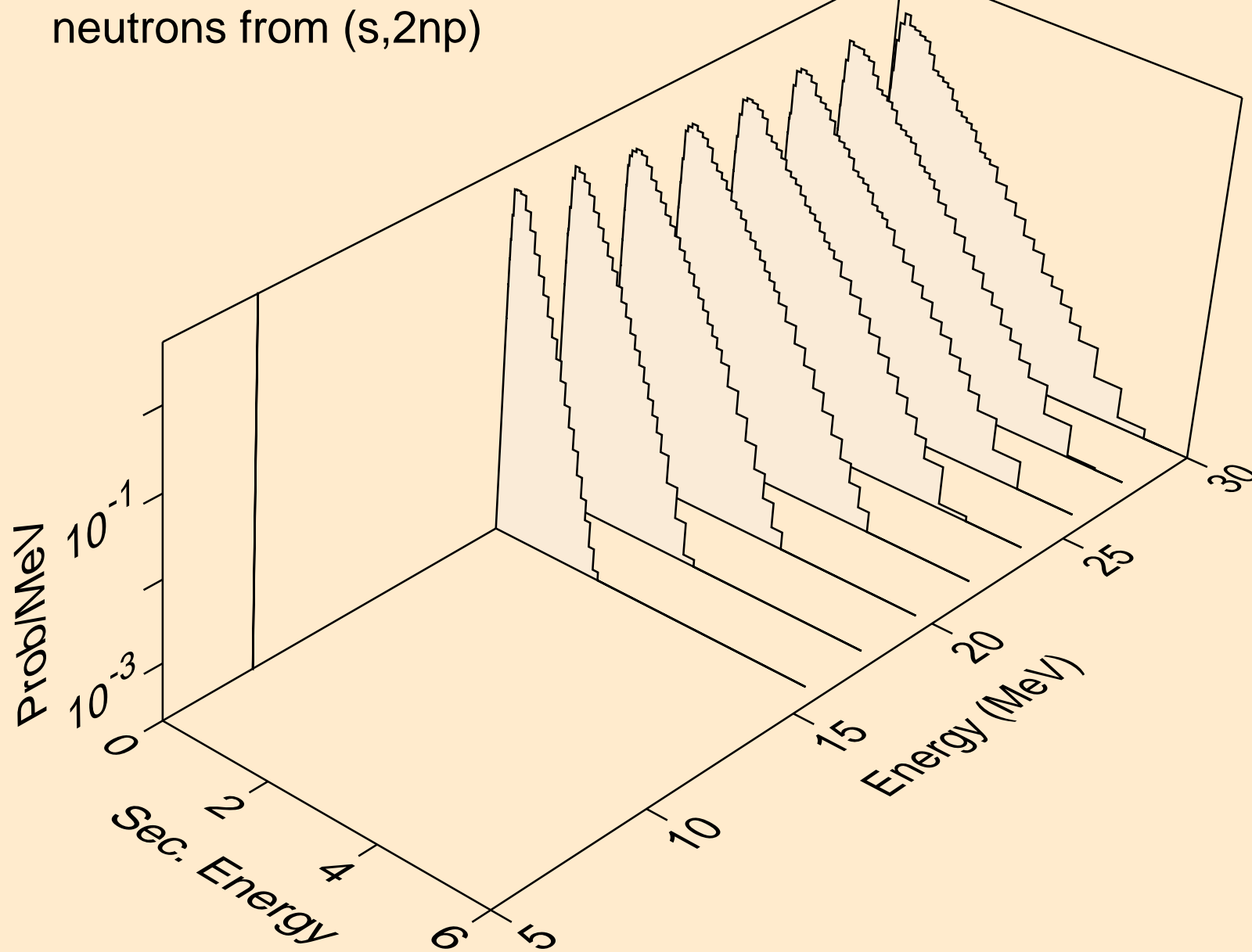
OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2np)



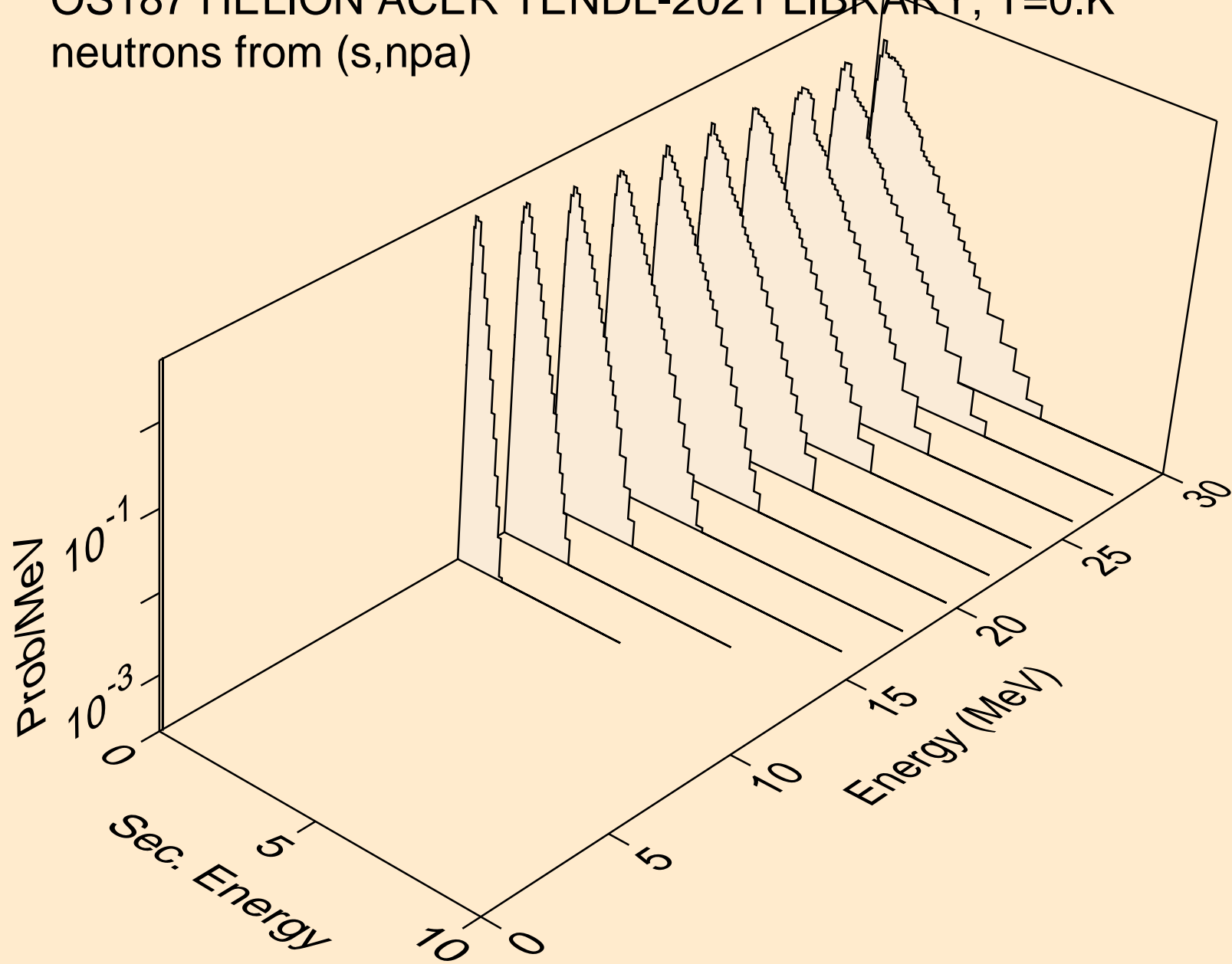
OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3np)



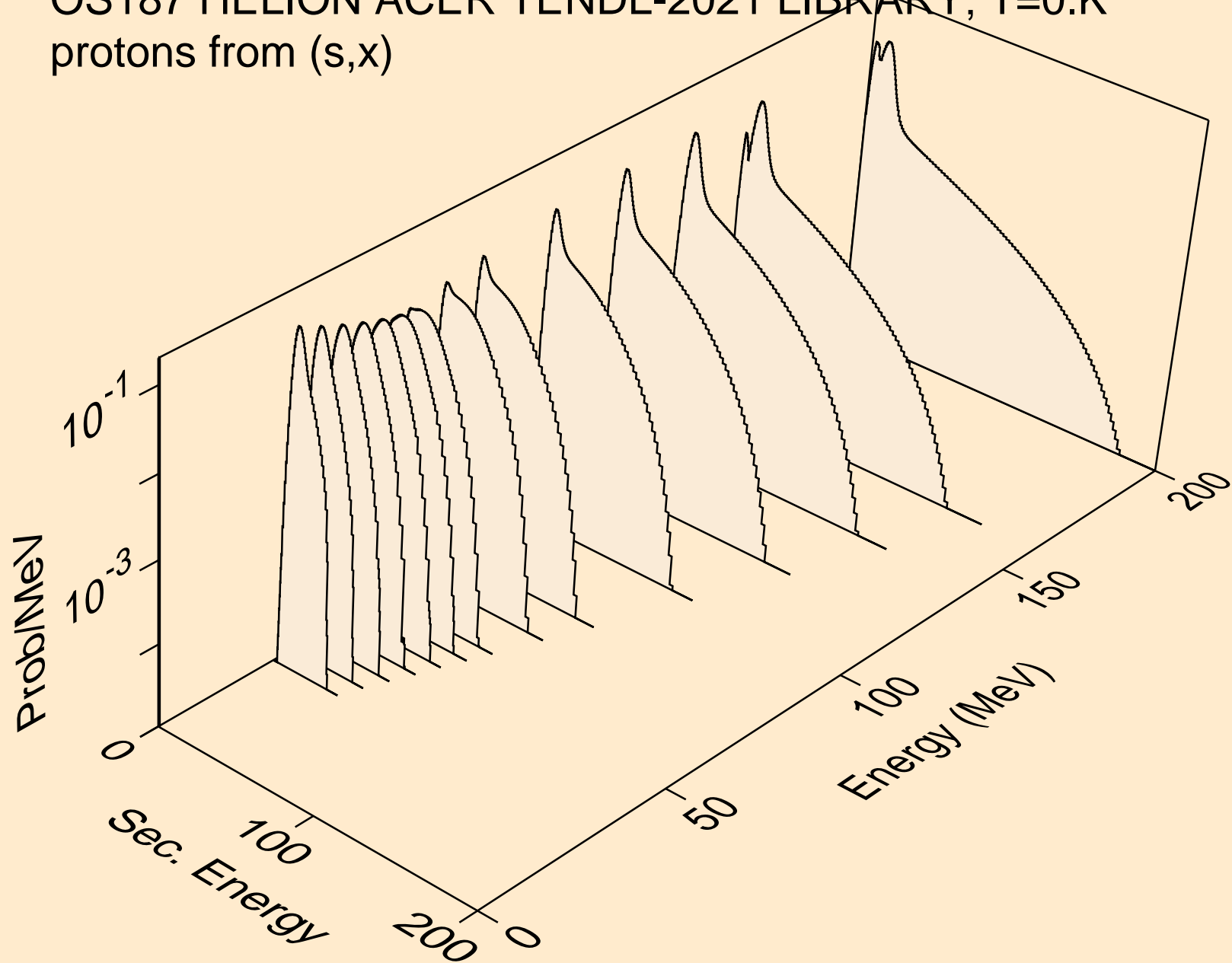
OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2np)



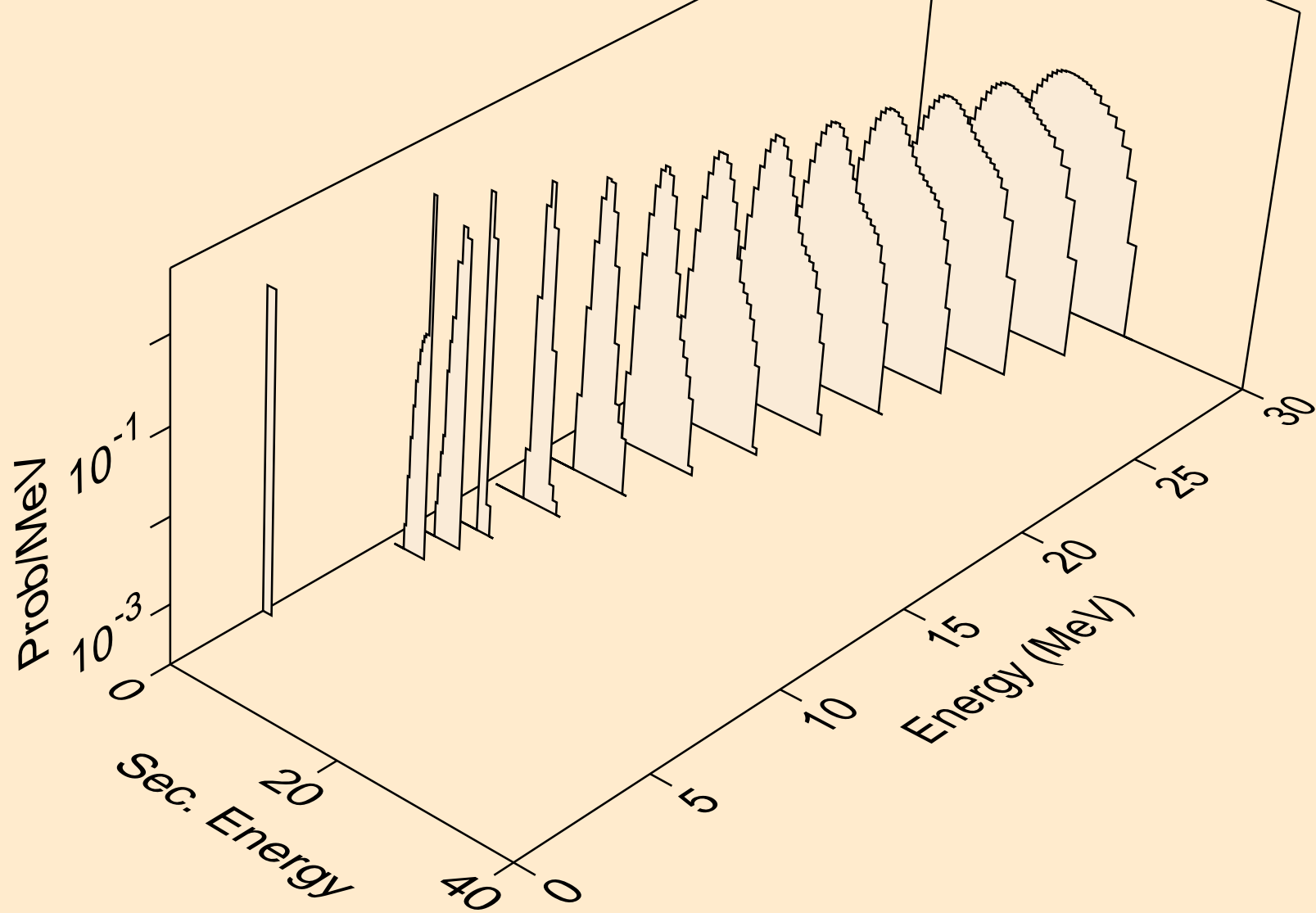
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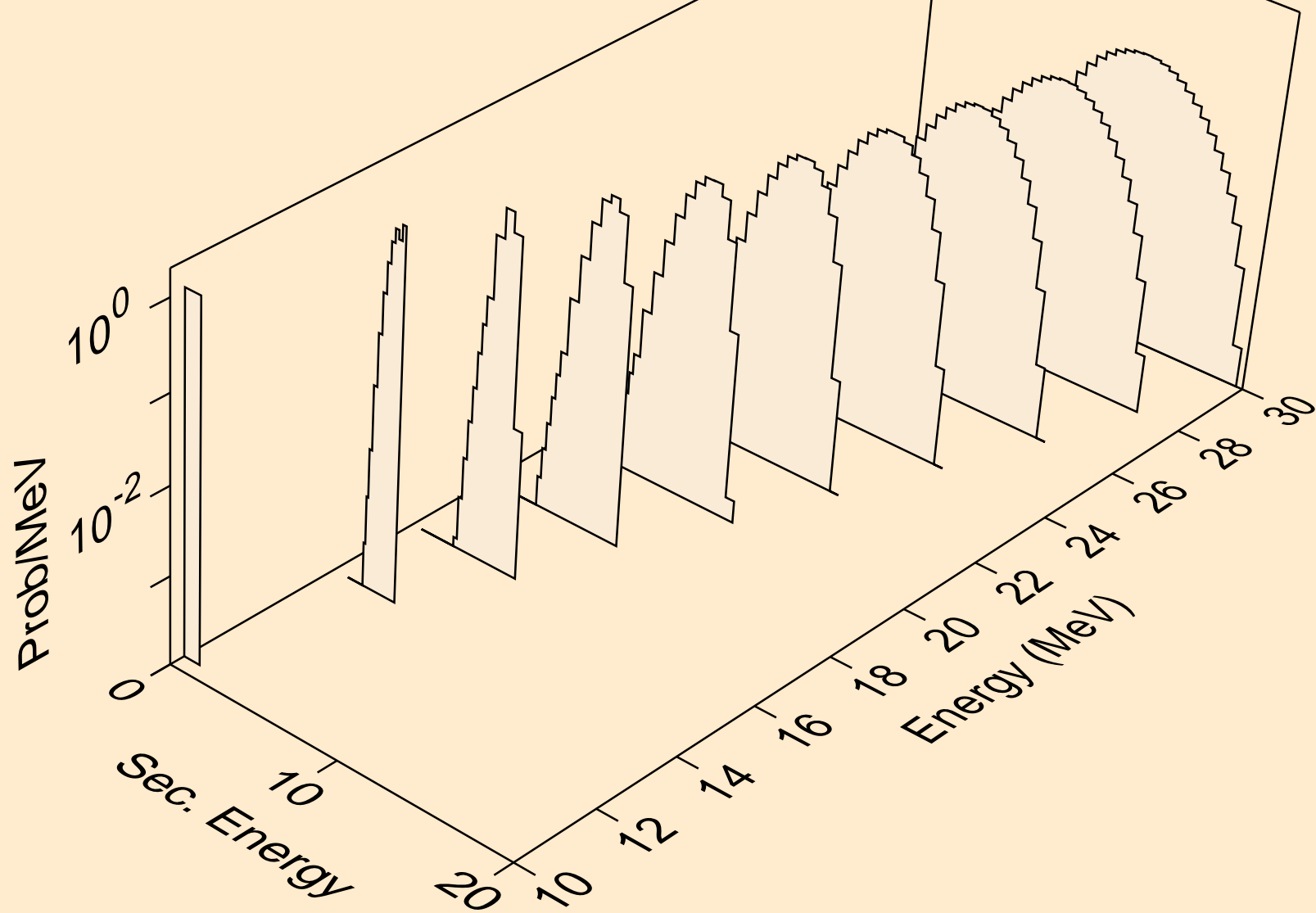
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protons from (s,x)



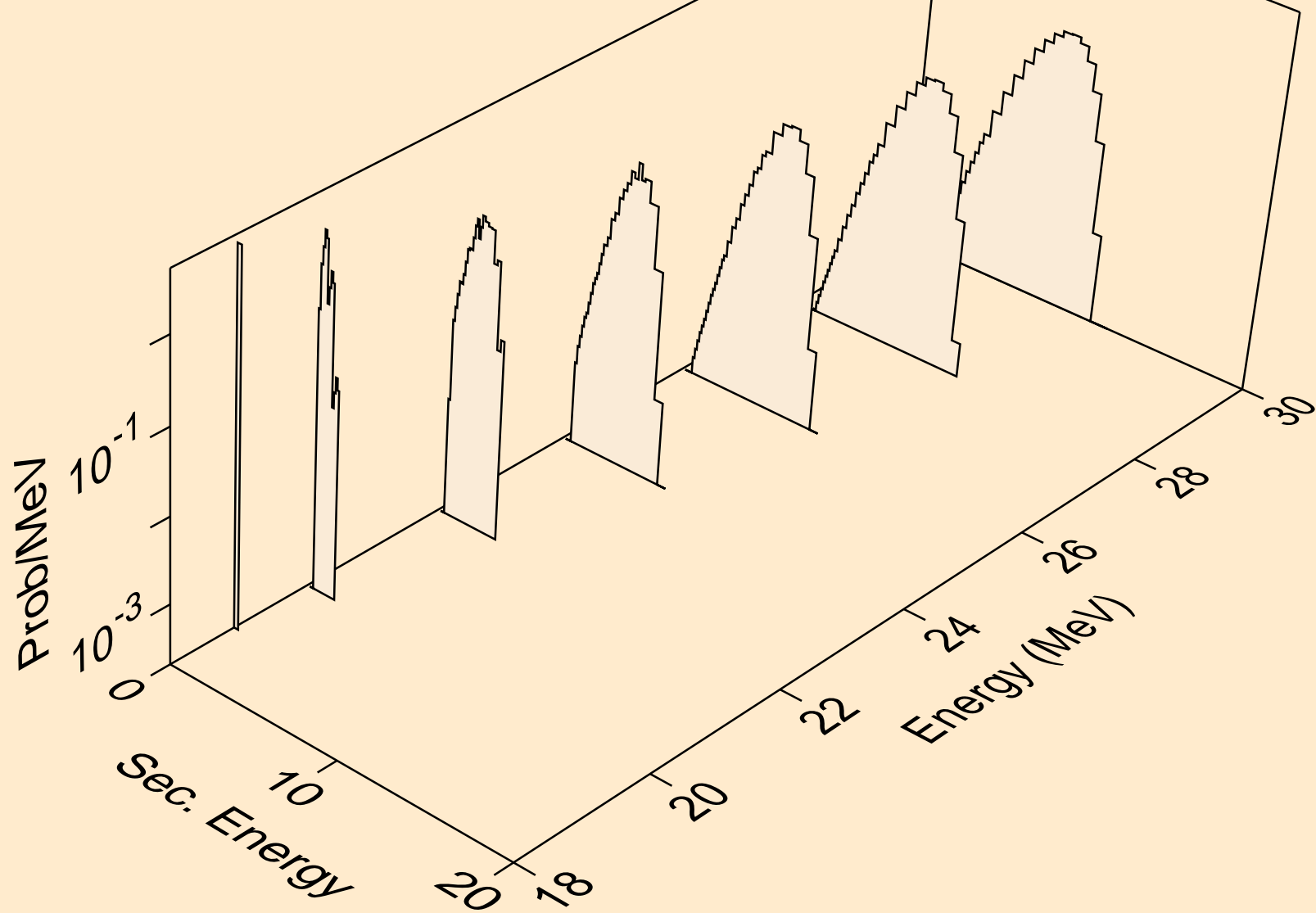
OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,n\*)p



OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2np)

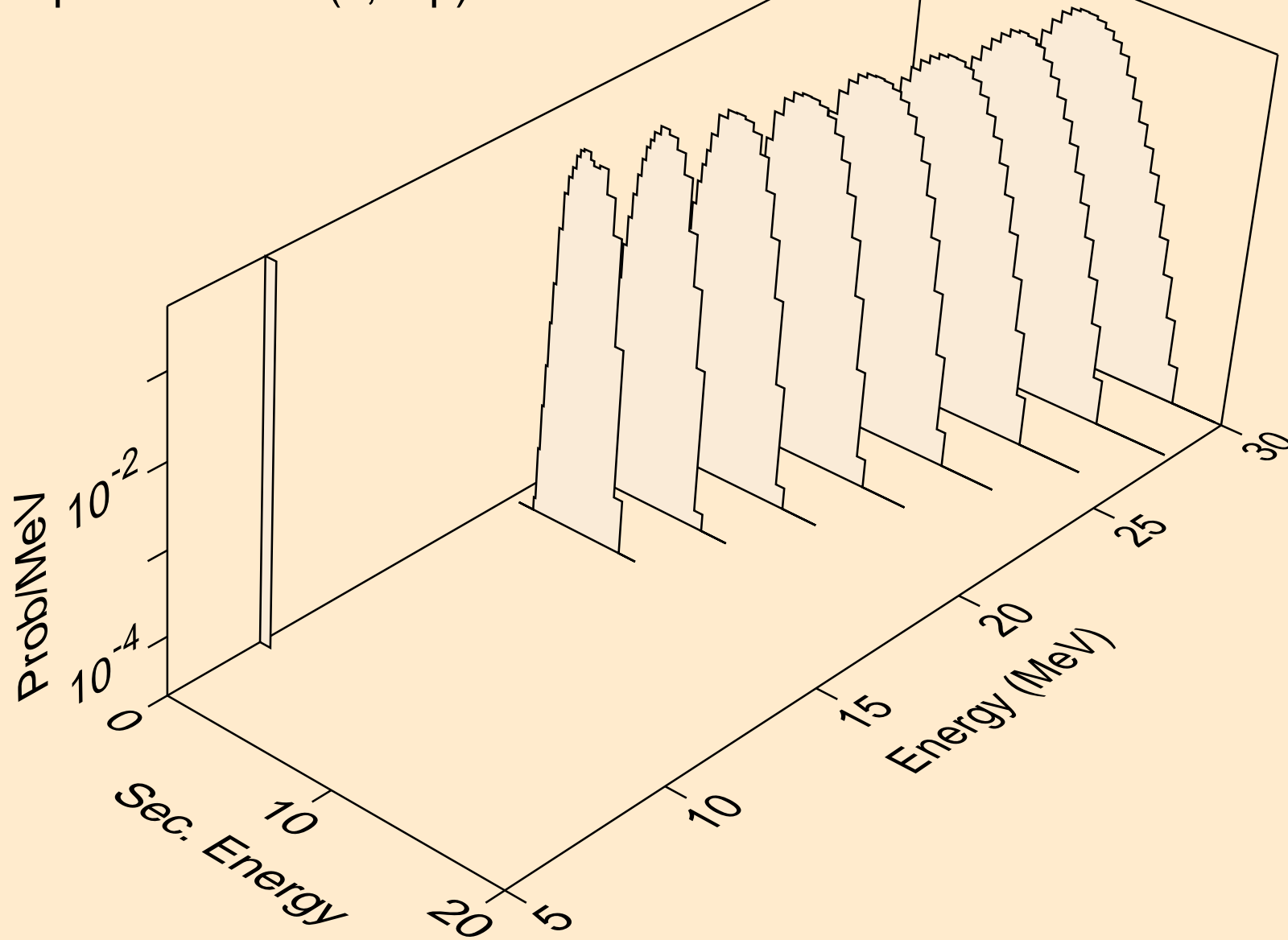


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protons from (s,3np)

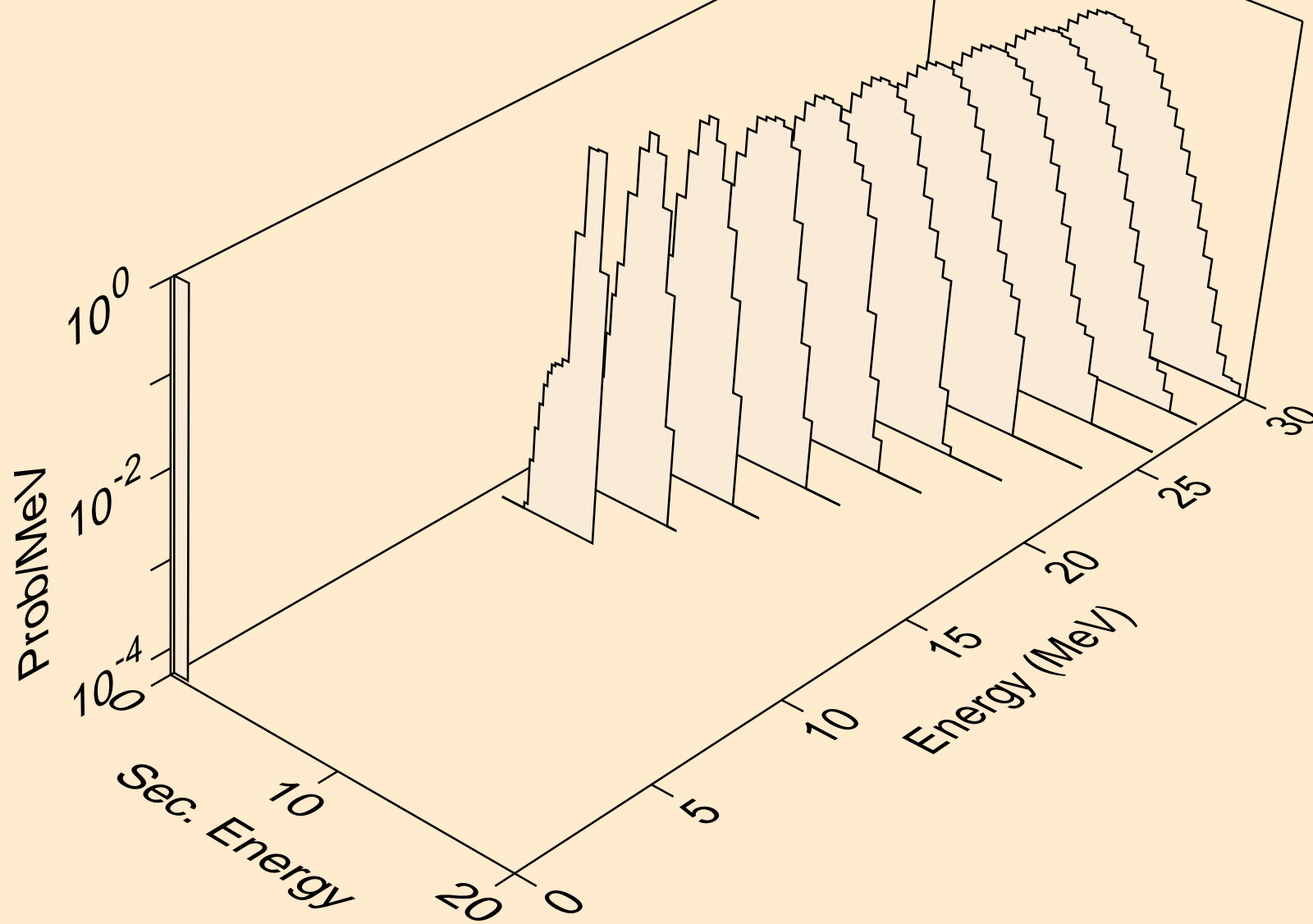




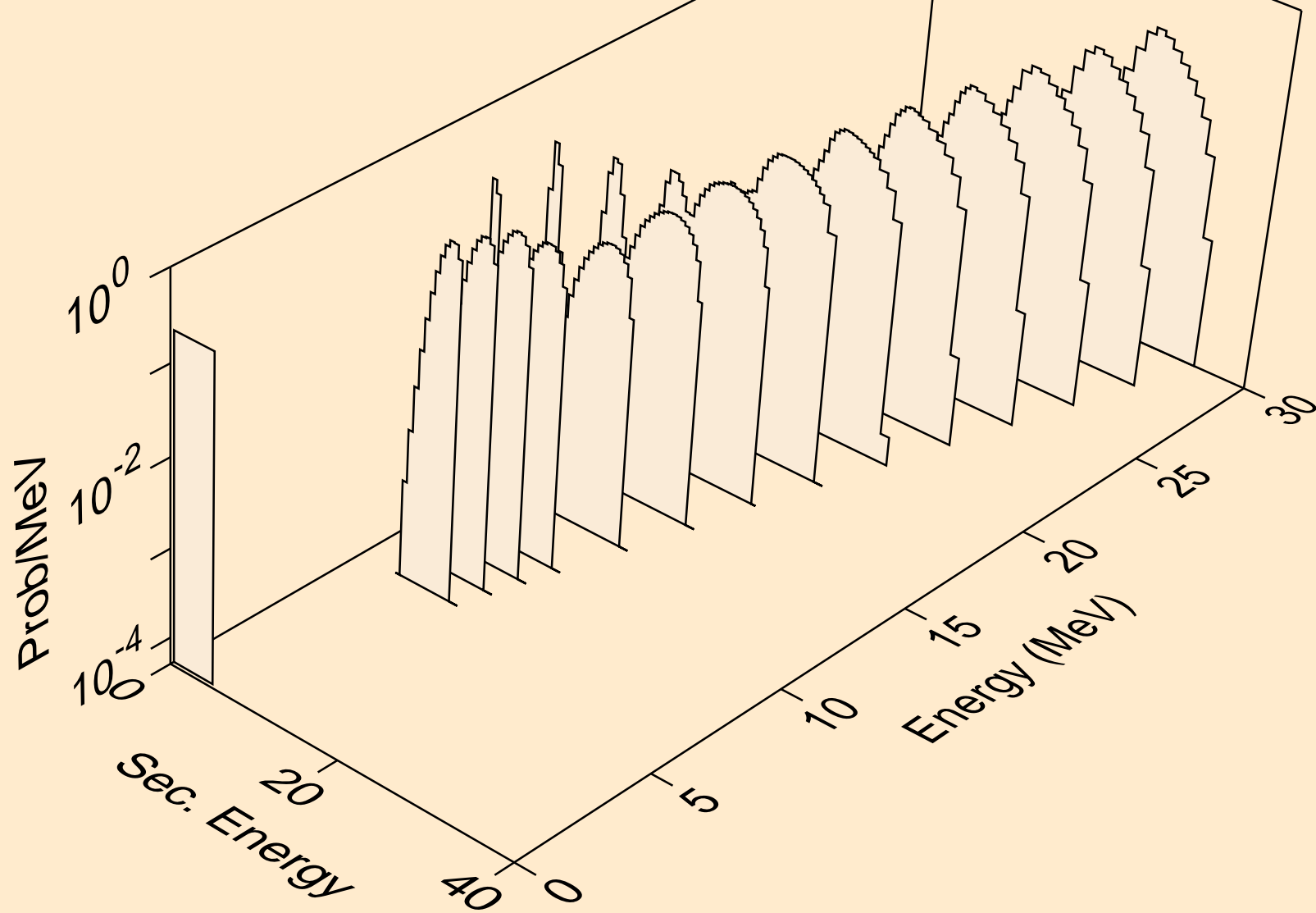
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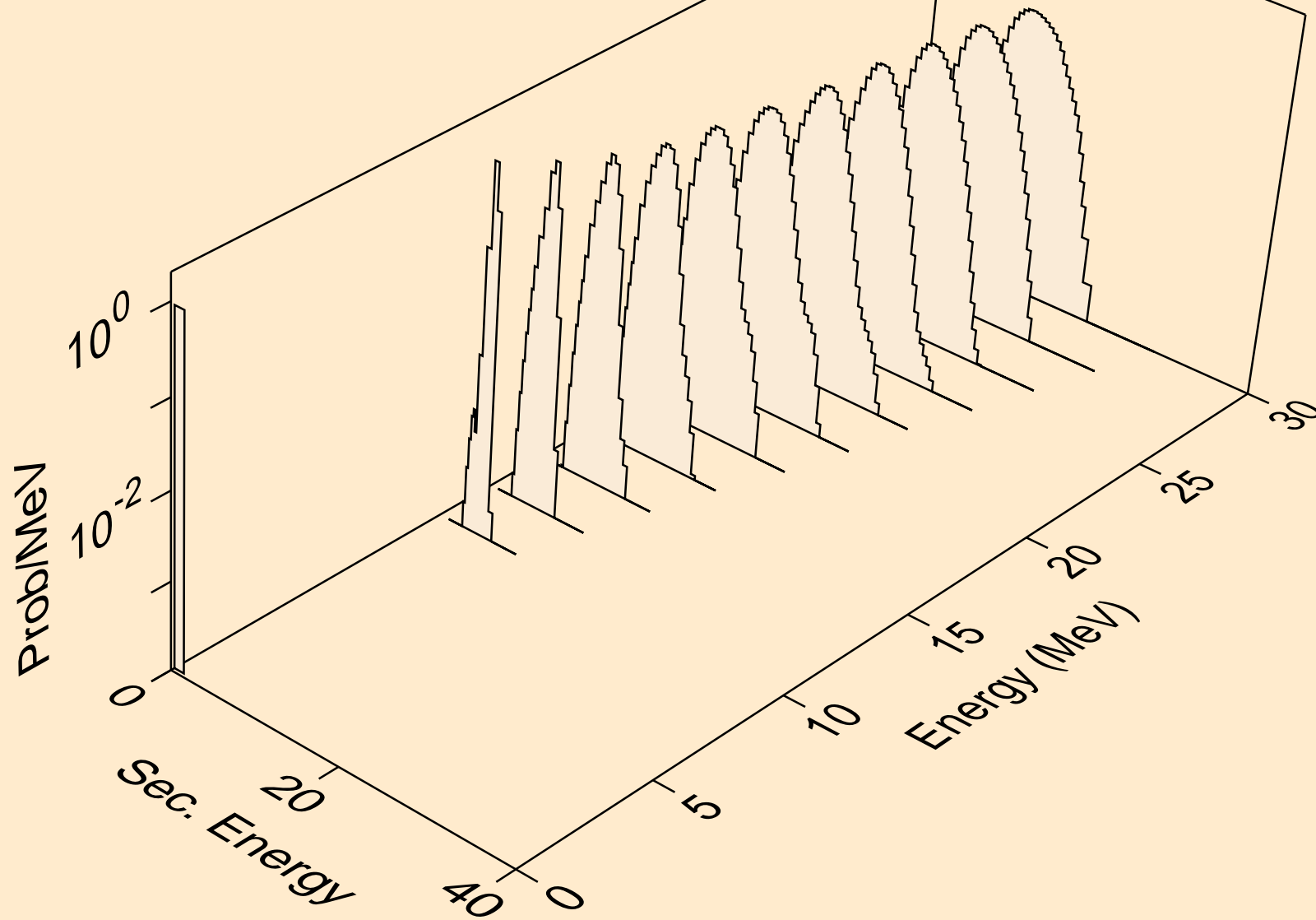
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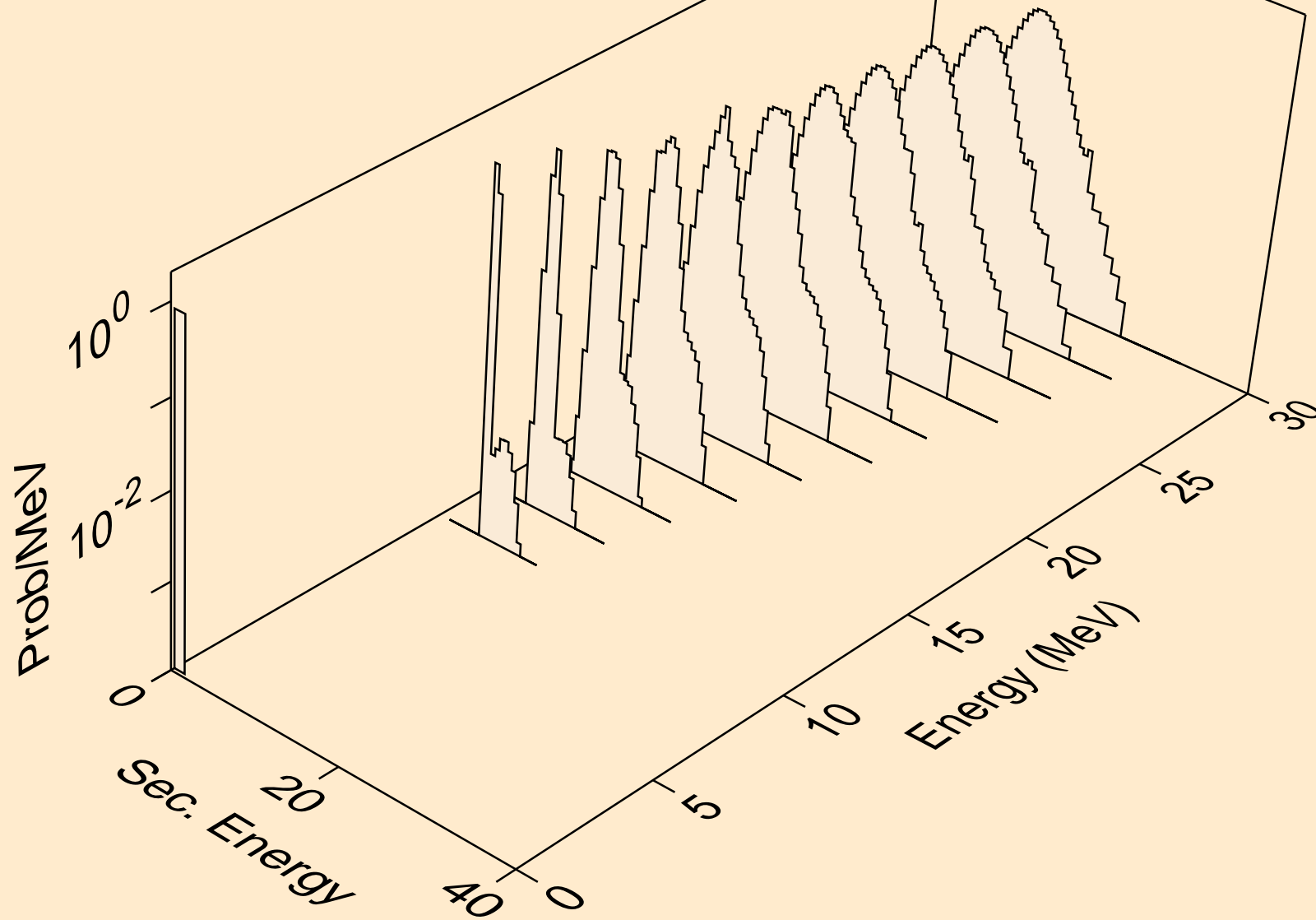
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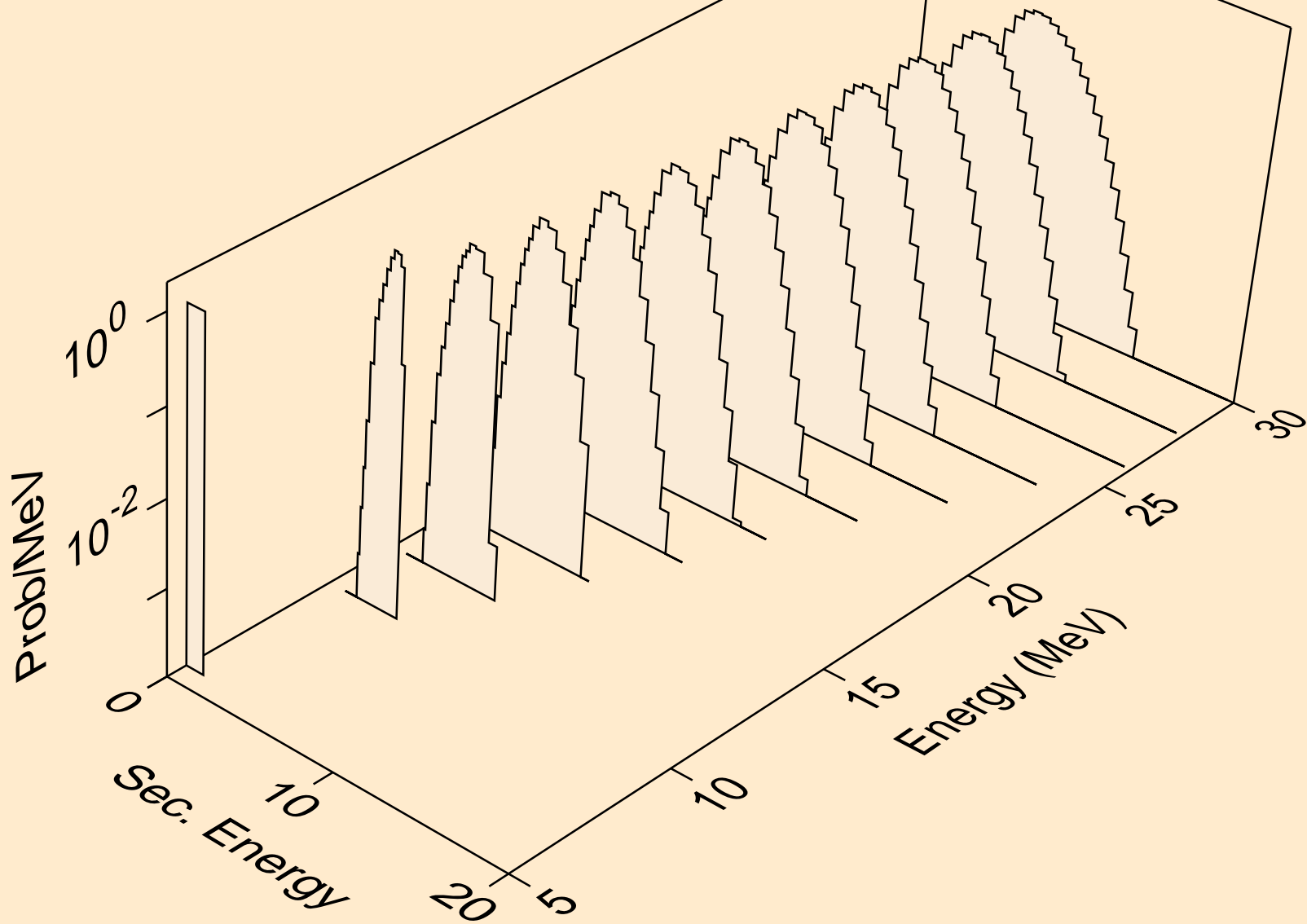
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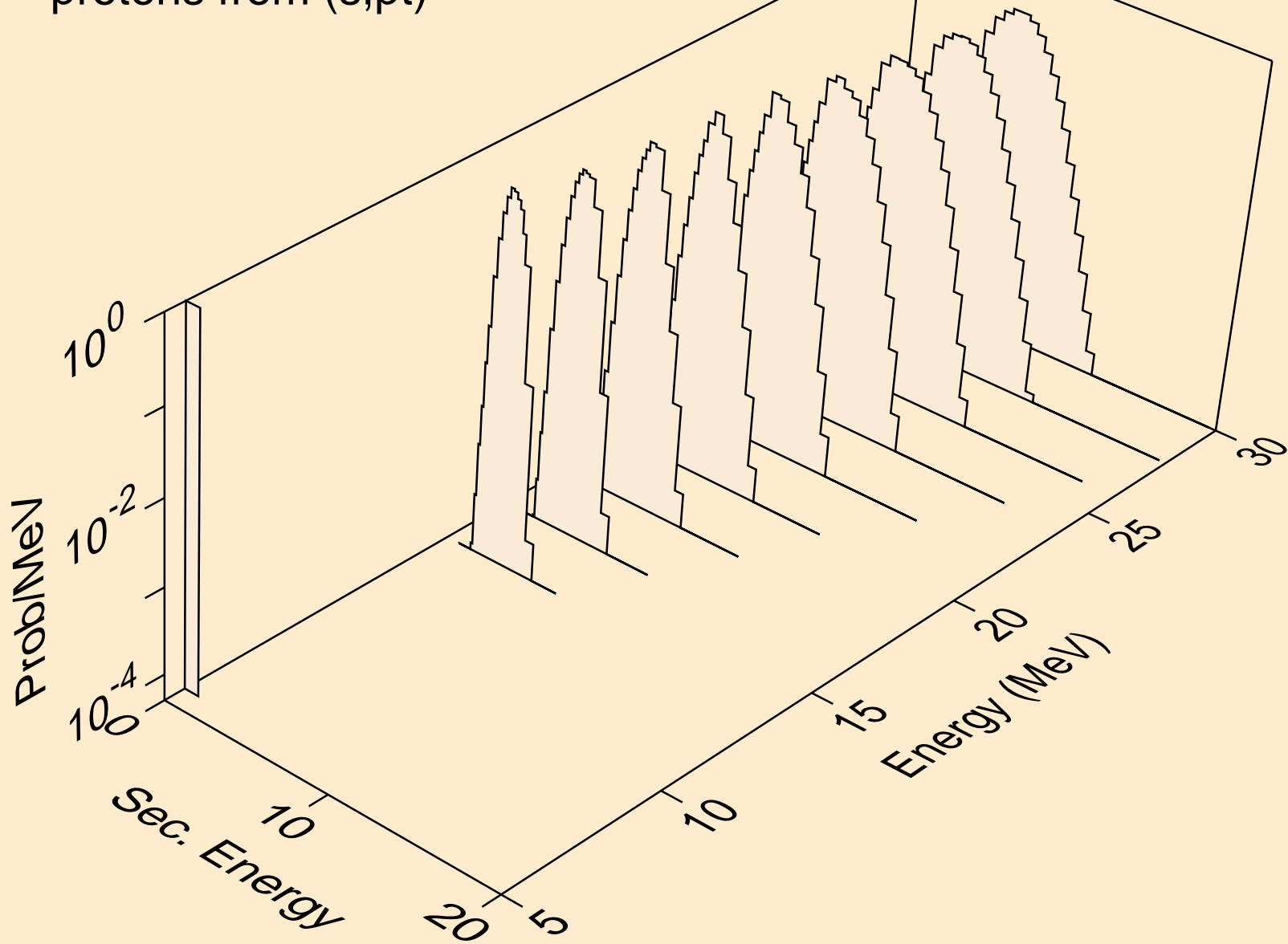
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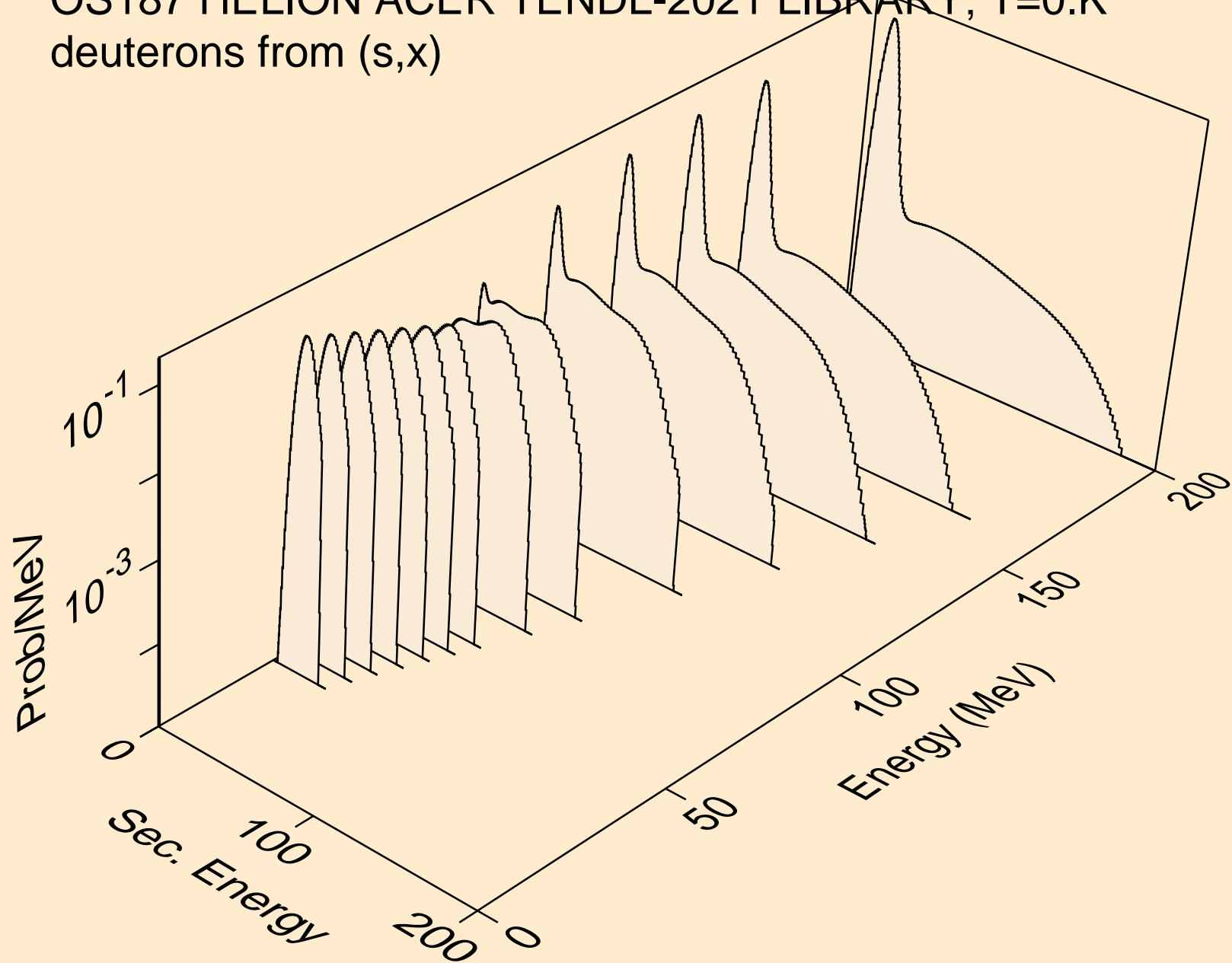
OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pd)



OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pt)

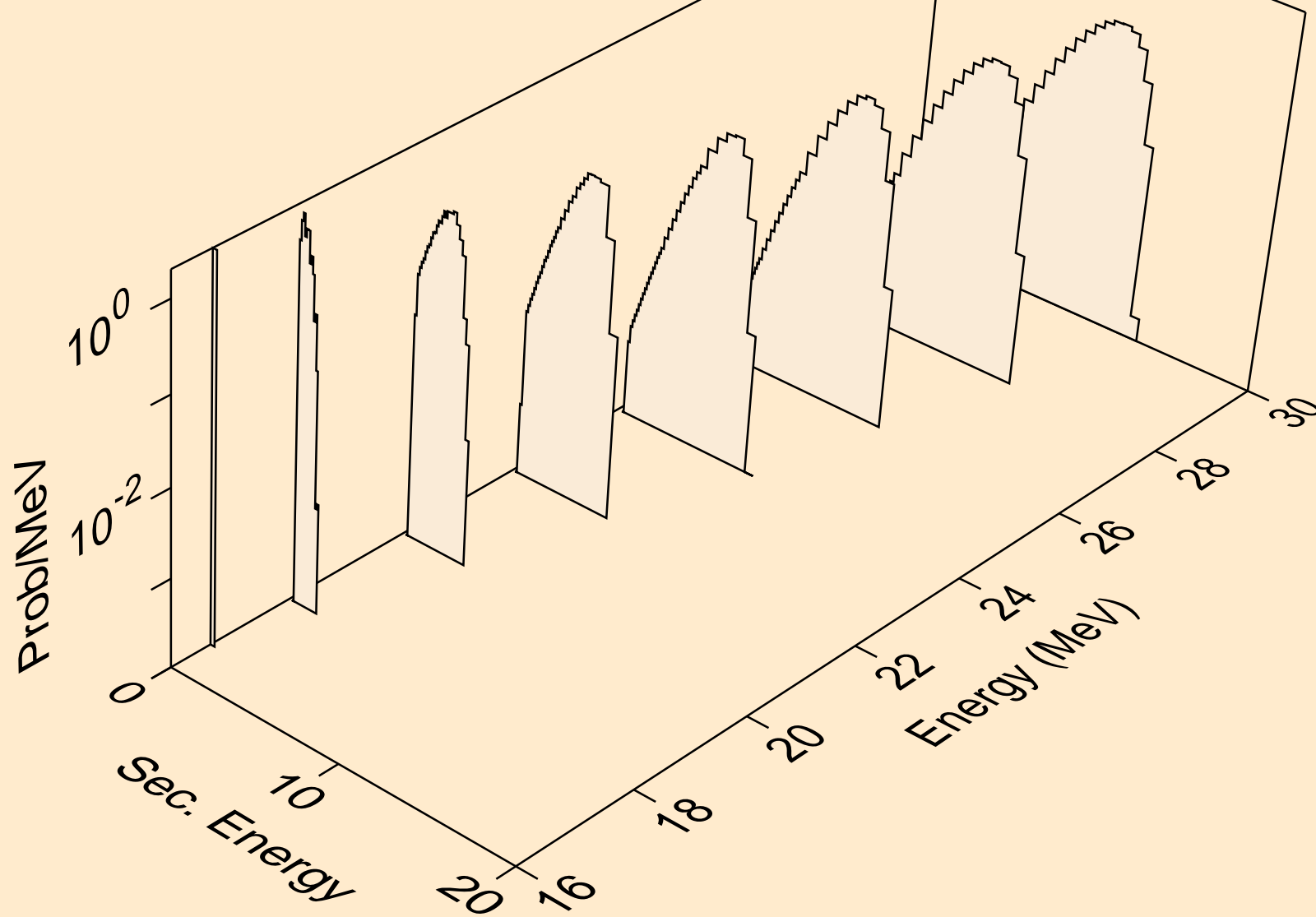


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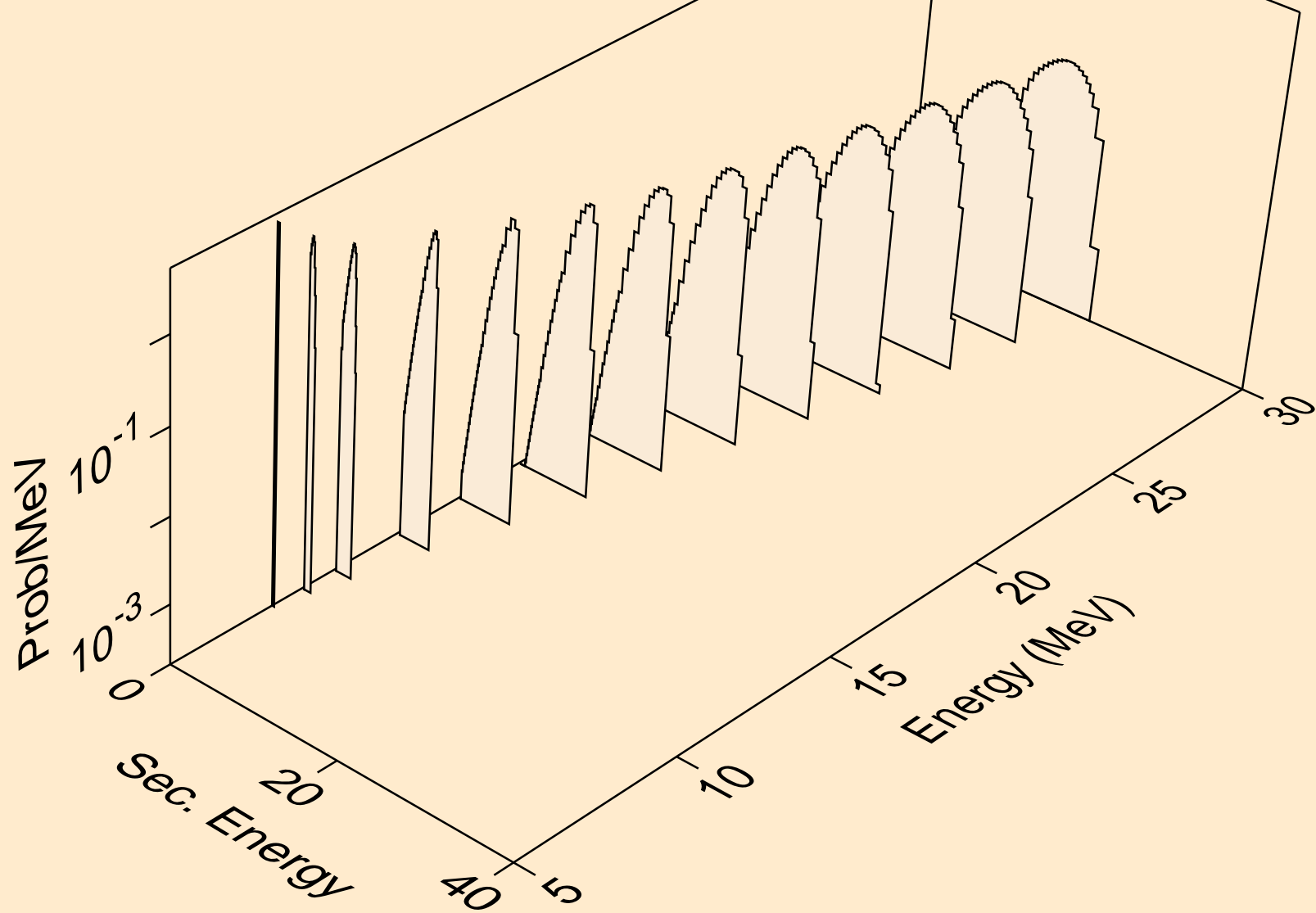




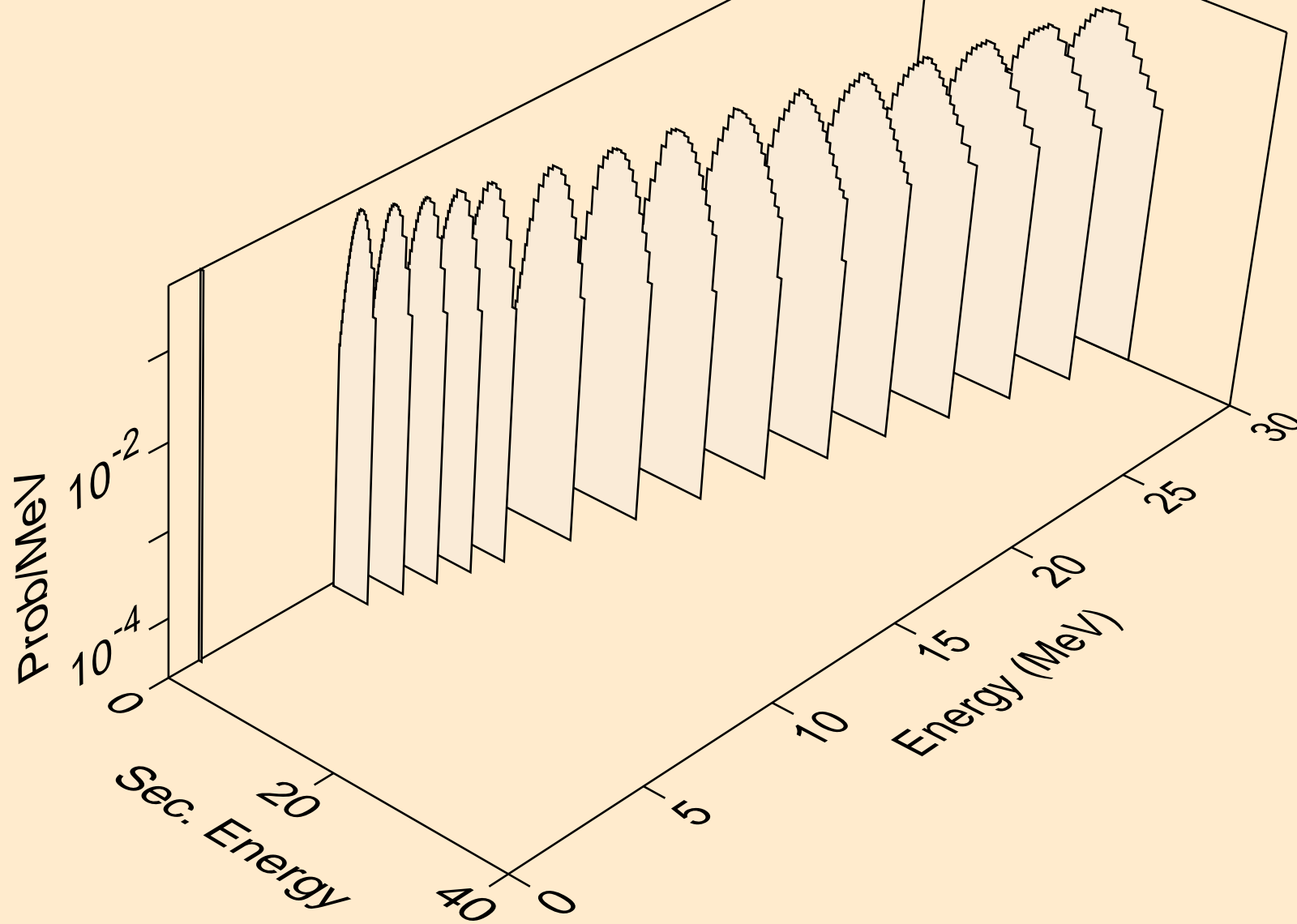
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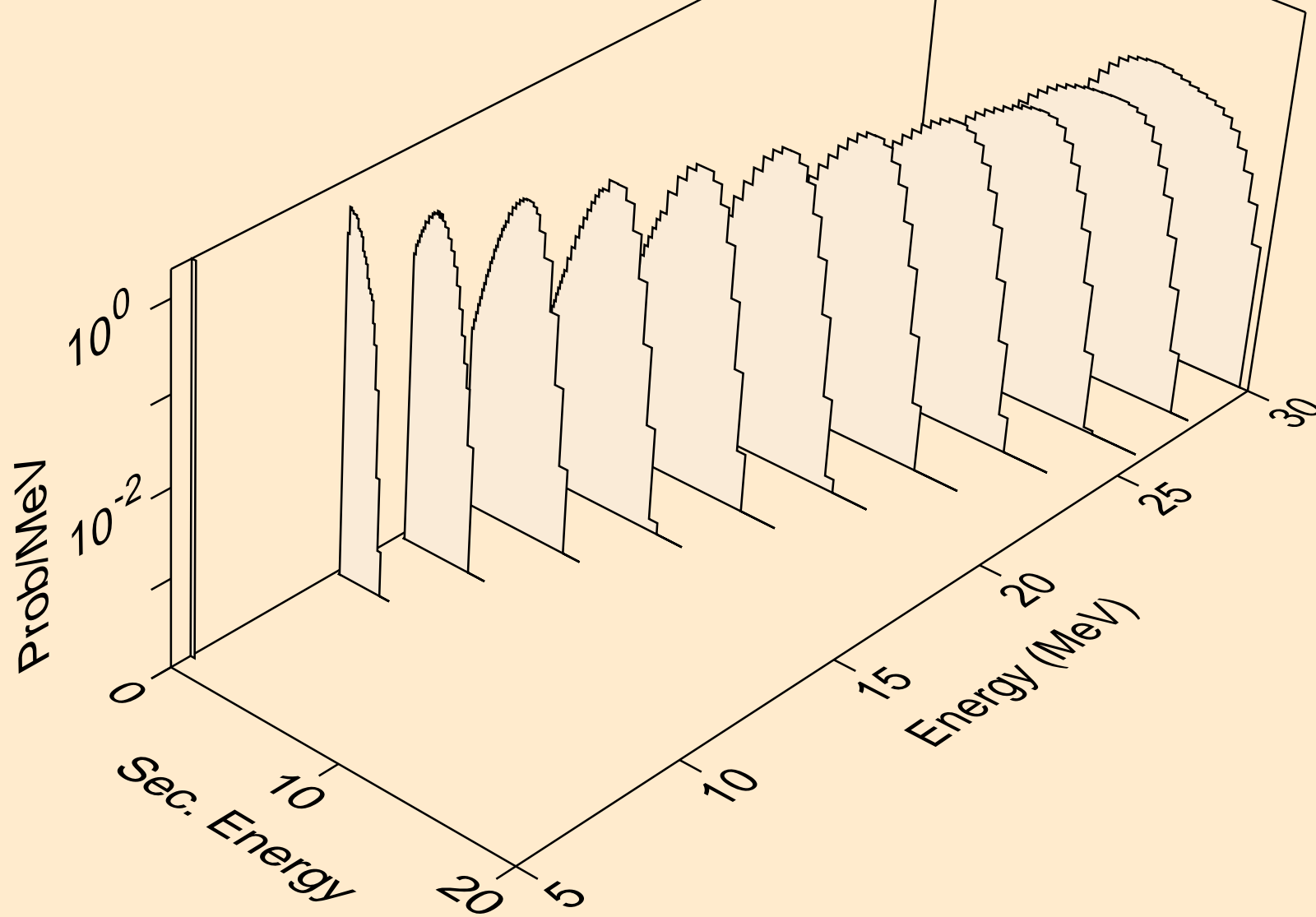
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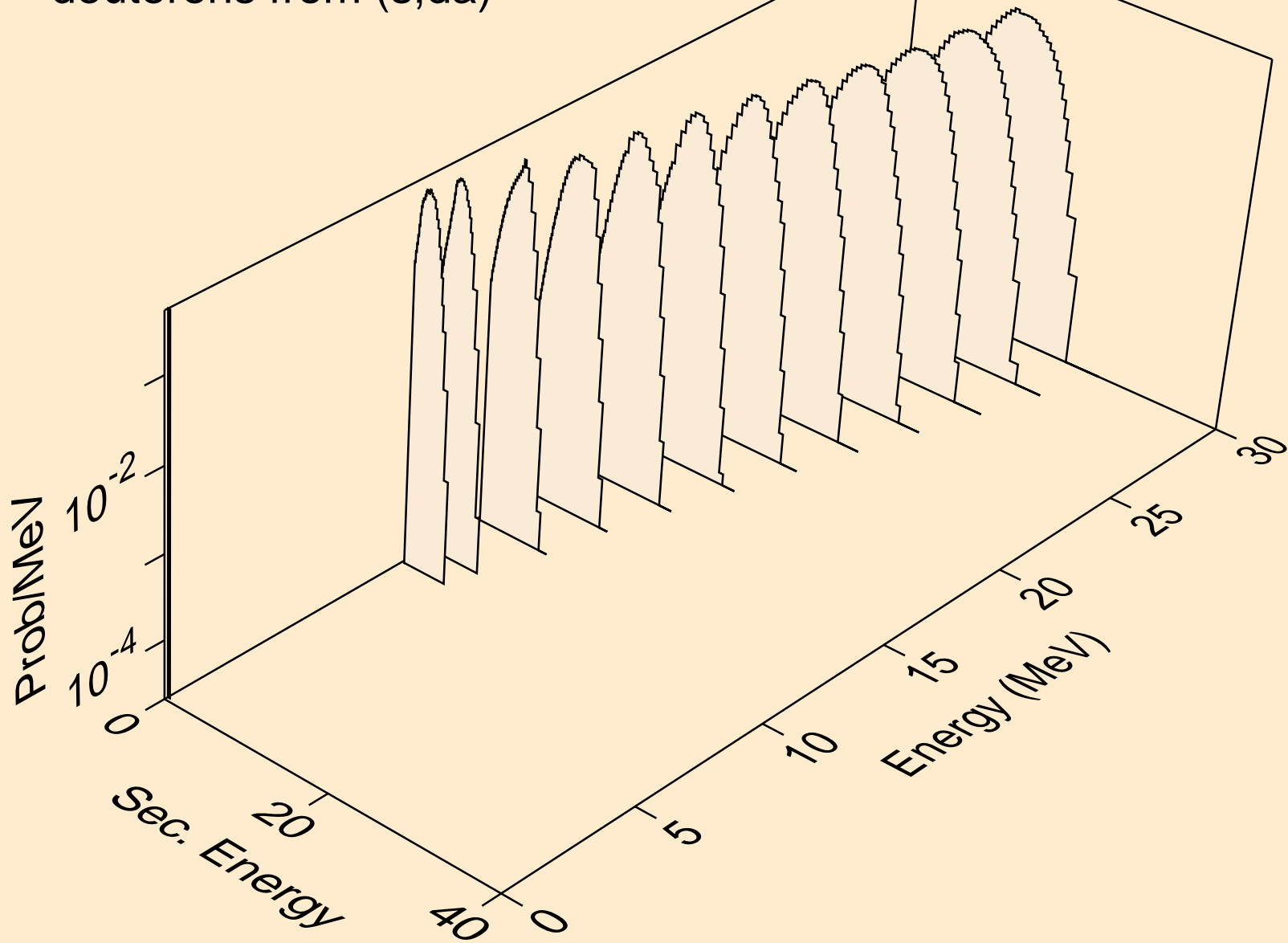
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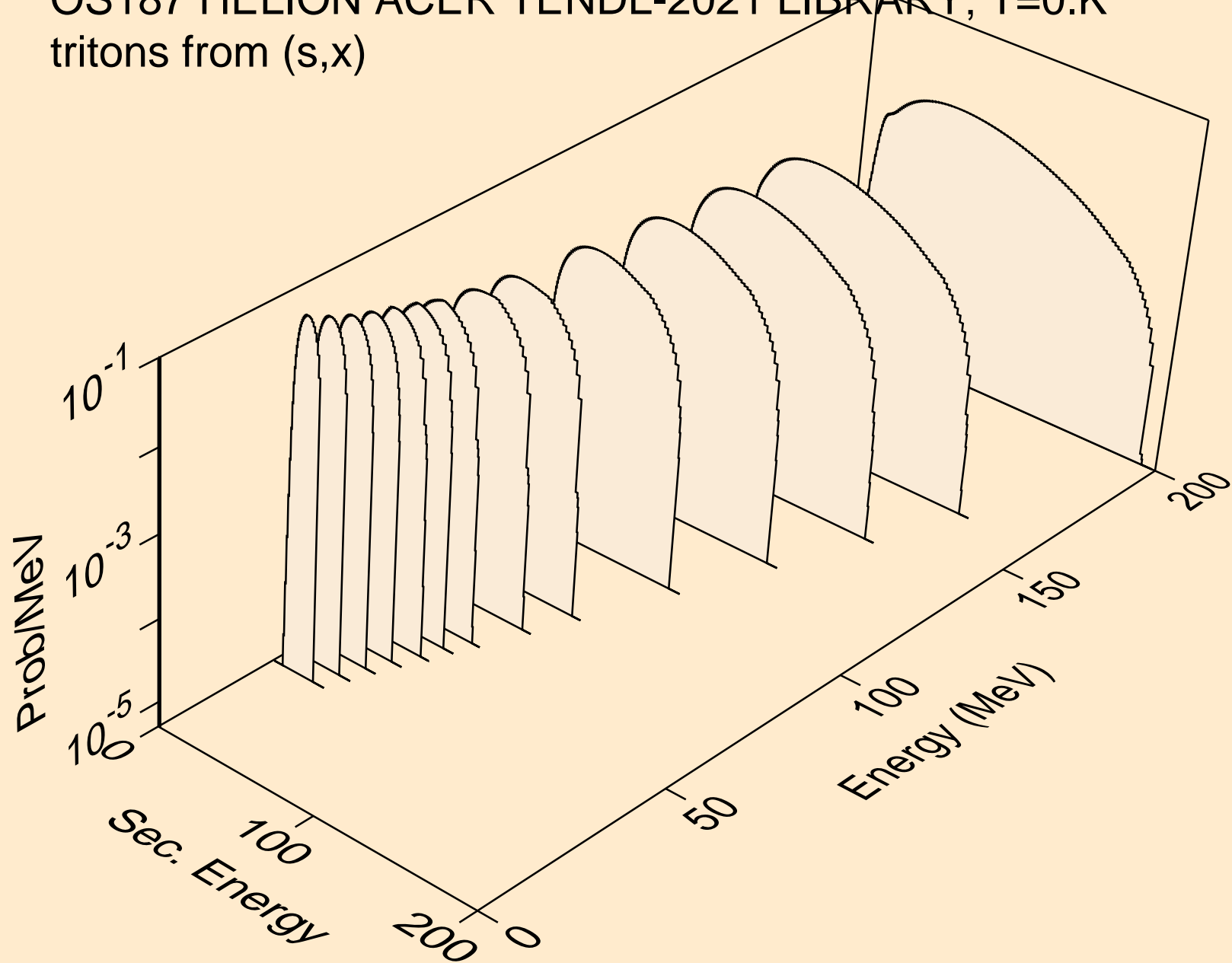
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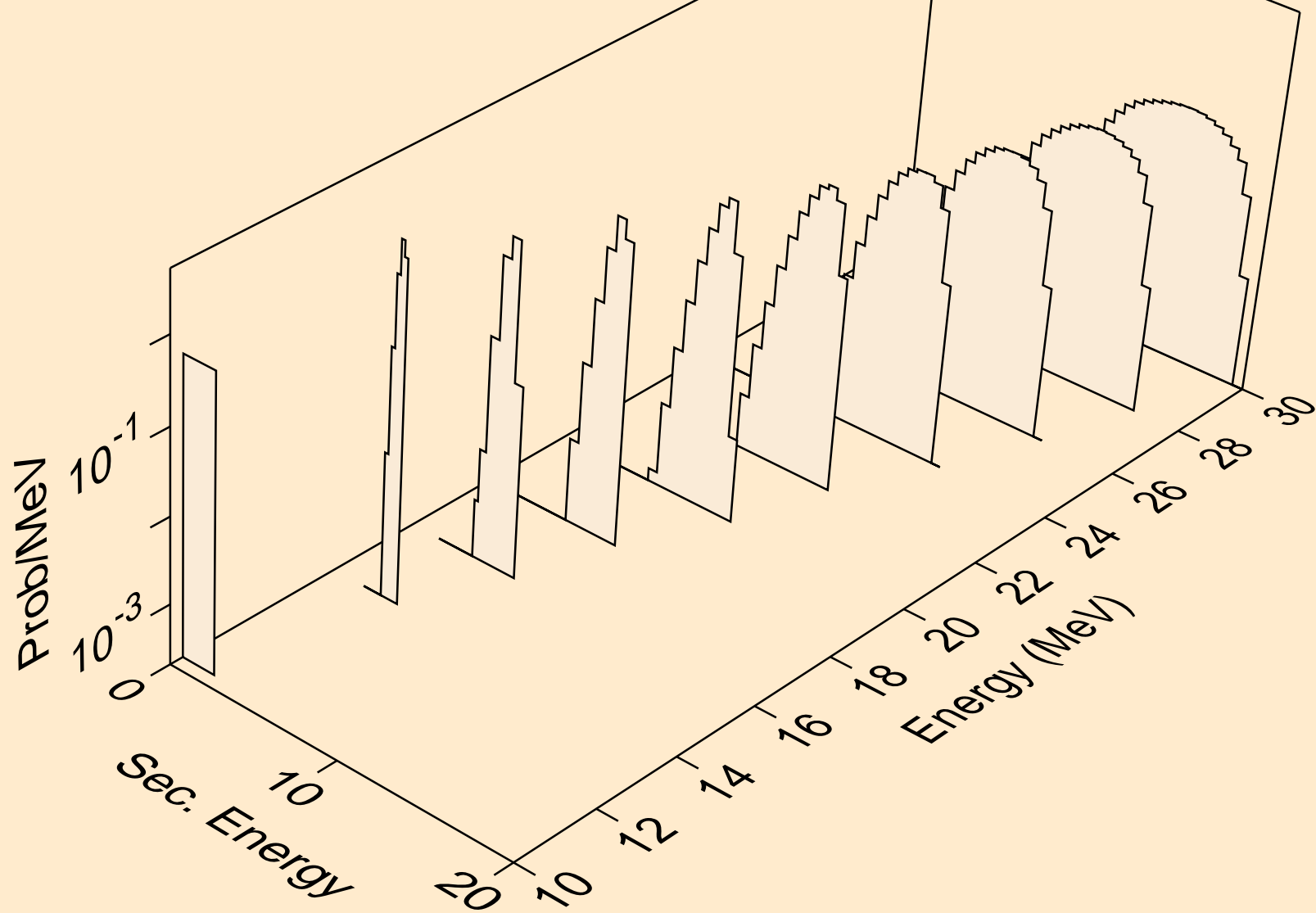
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deuterons from (s,da)



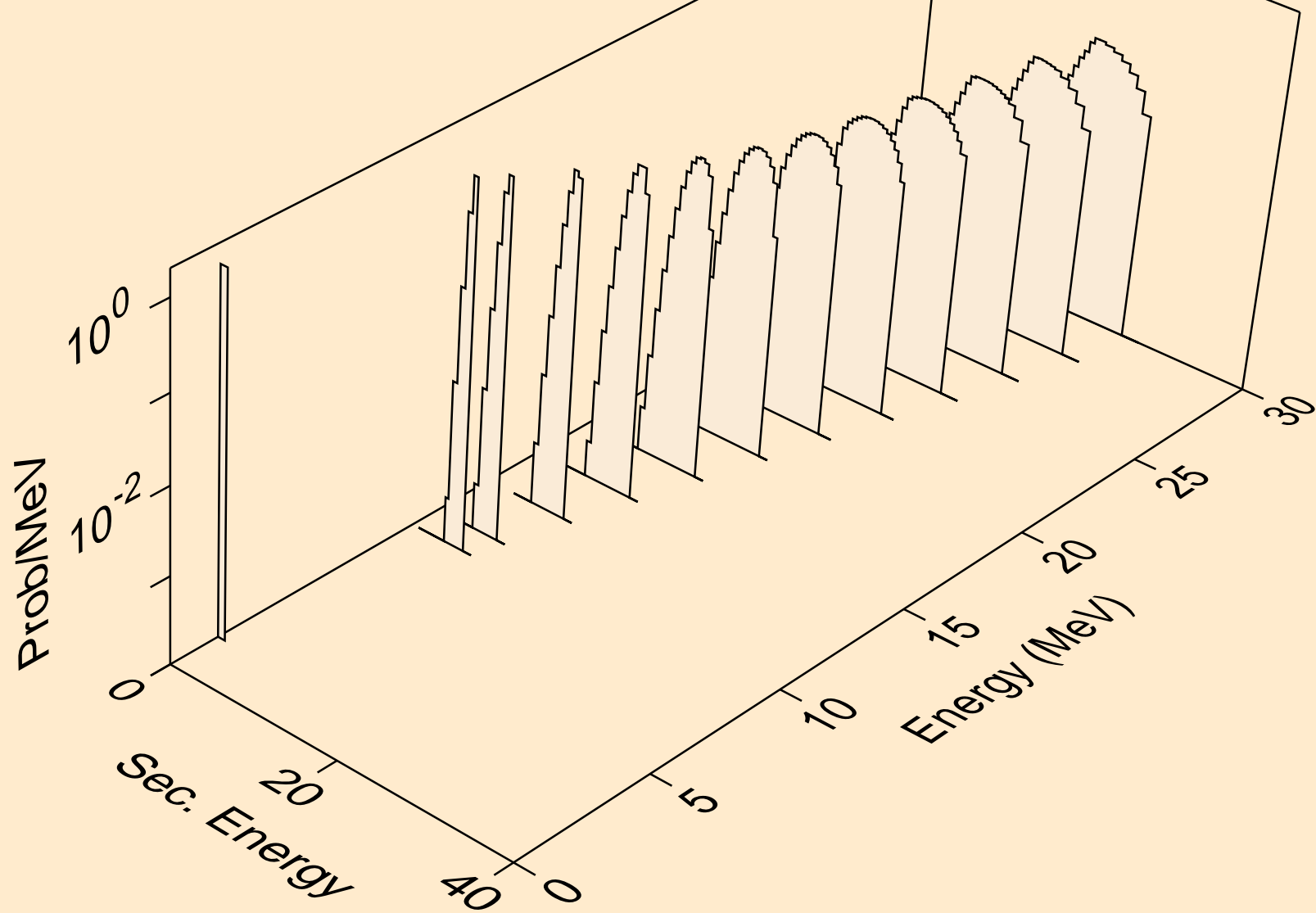
OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,x)



OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,n\*)t

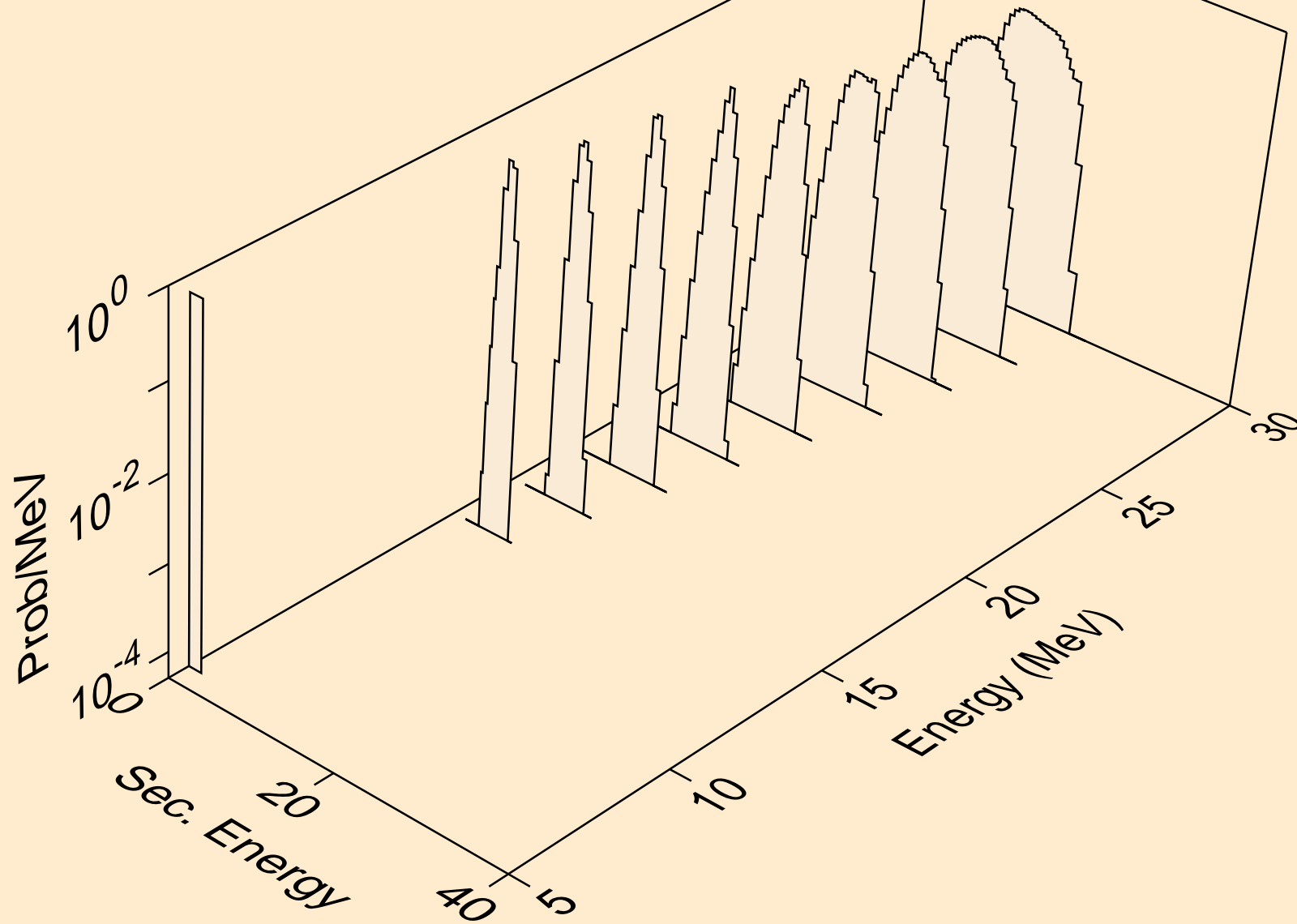


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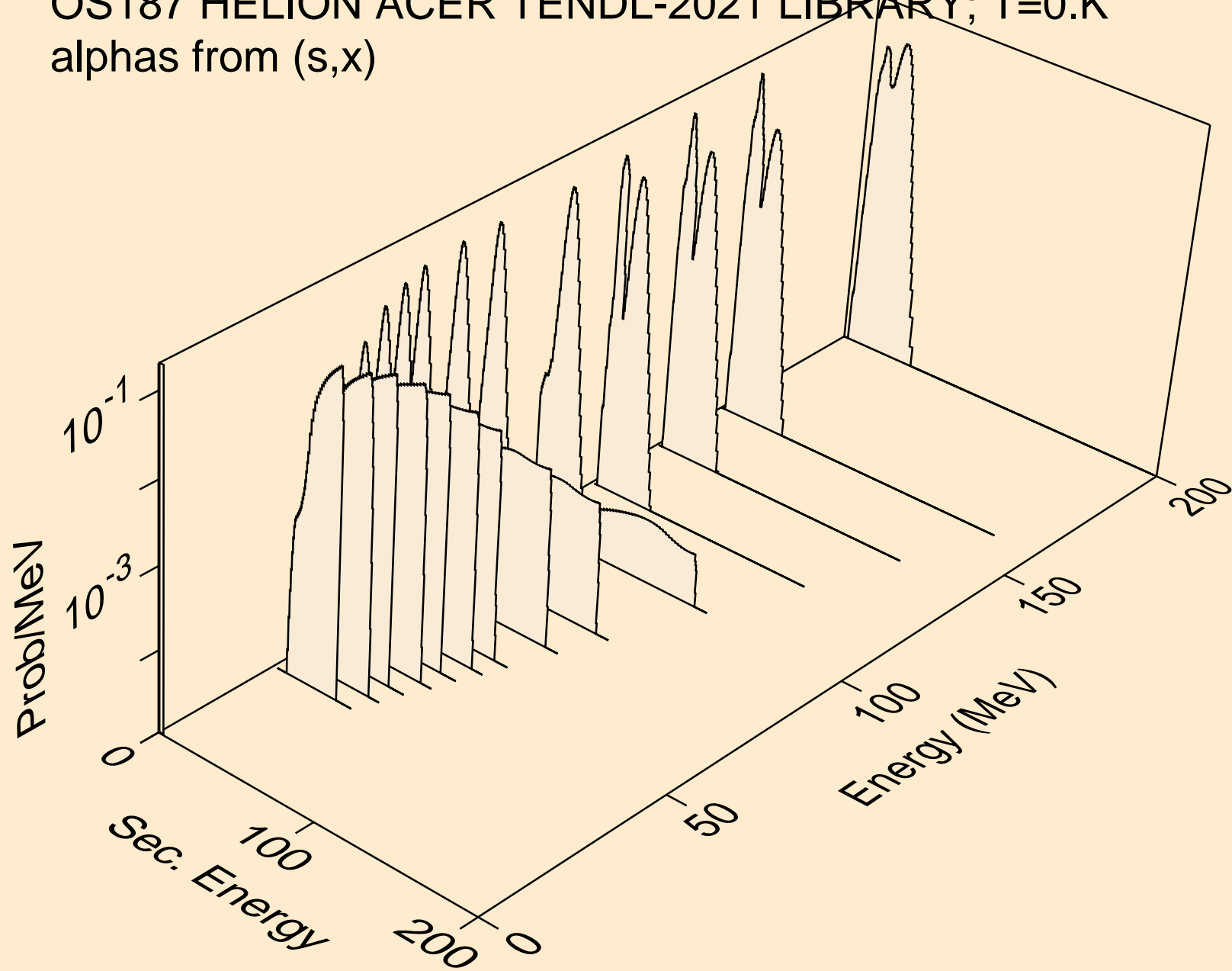




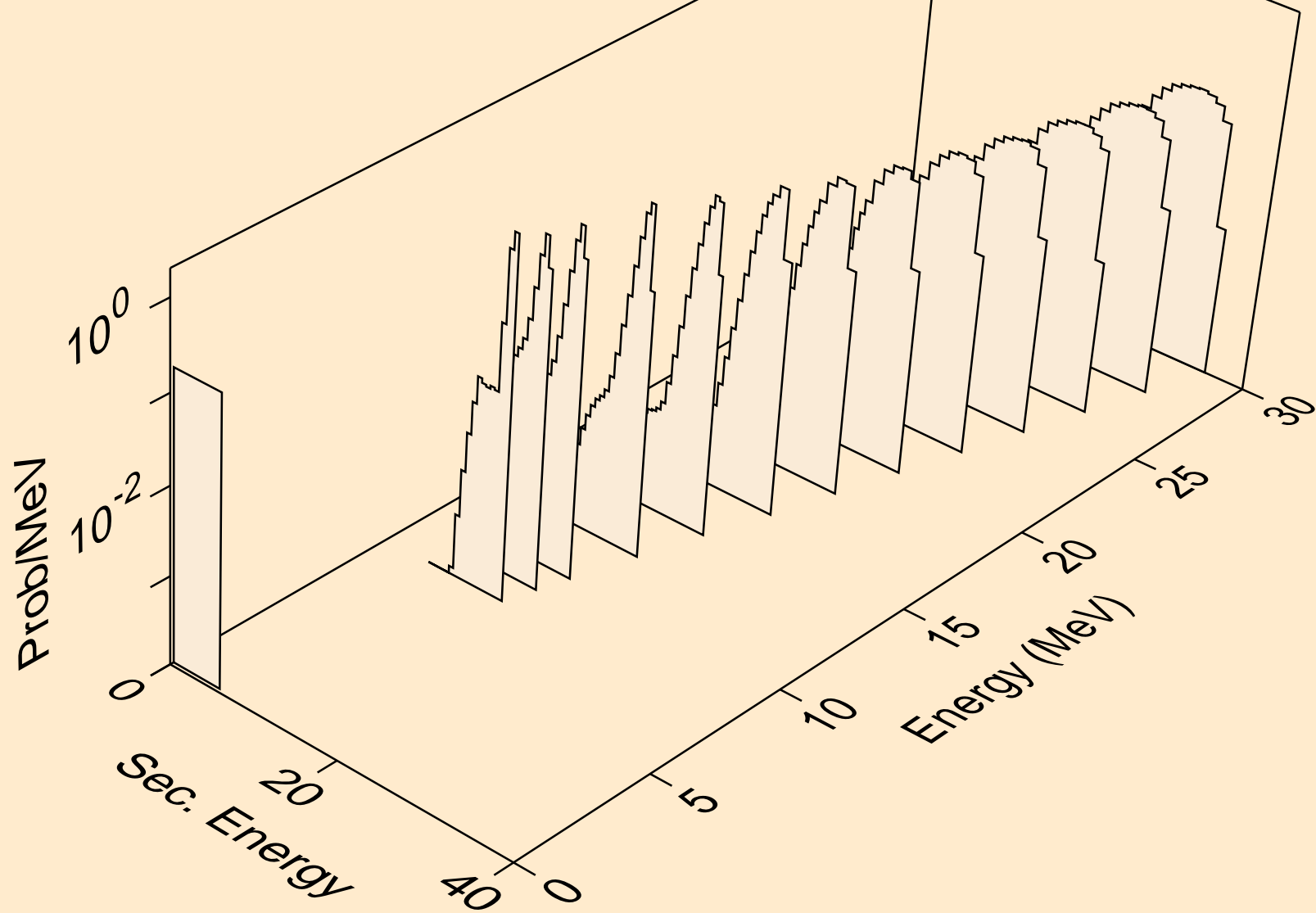
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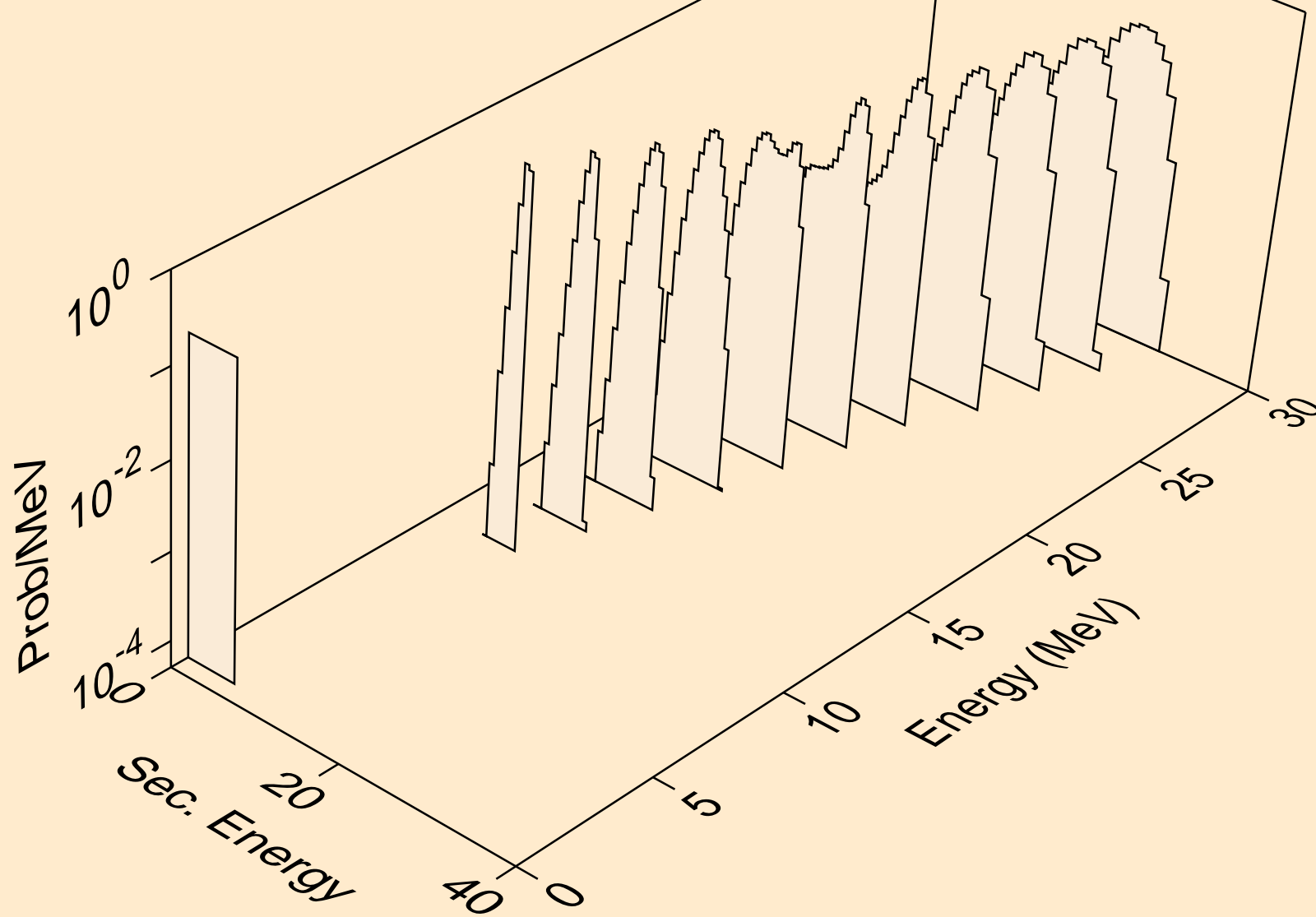
OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,x)



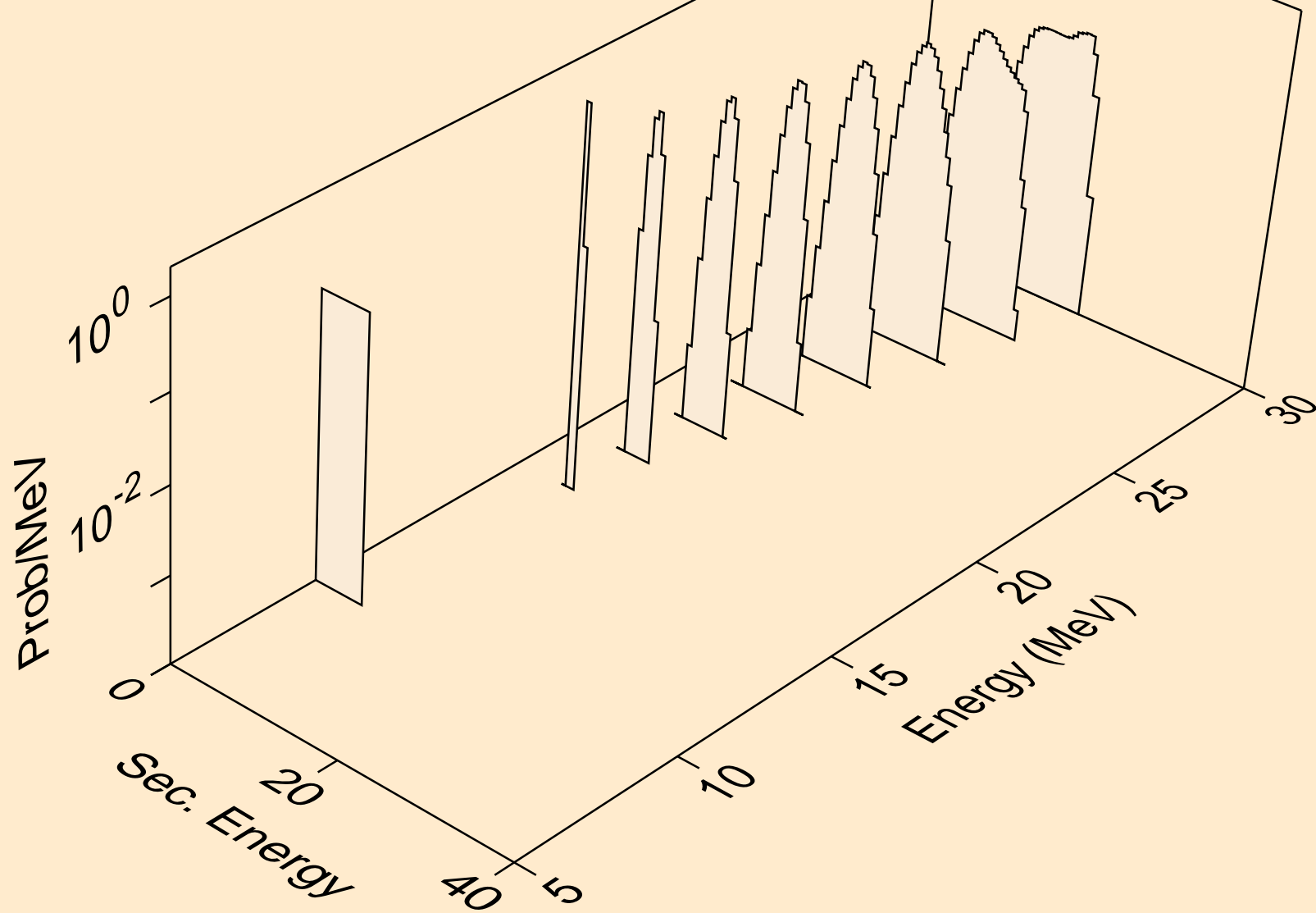
OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)a



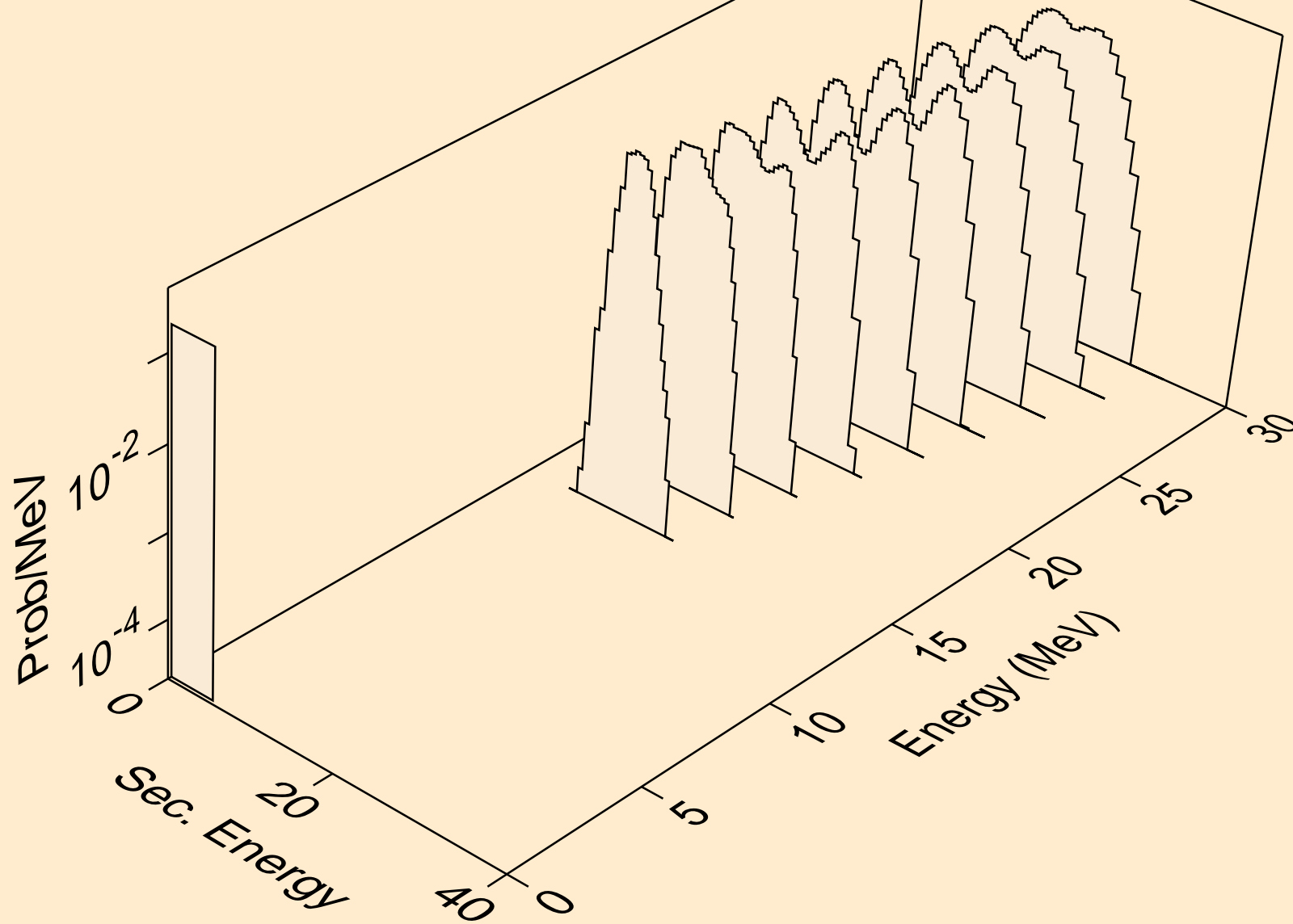
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alphas from (s,2n)a



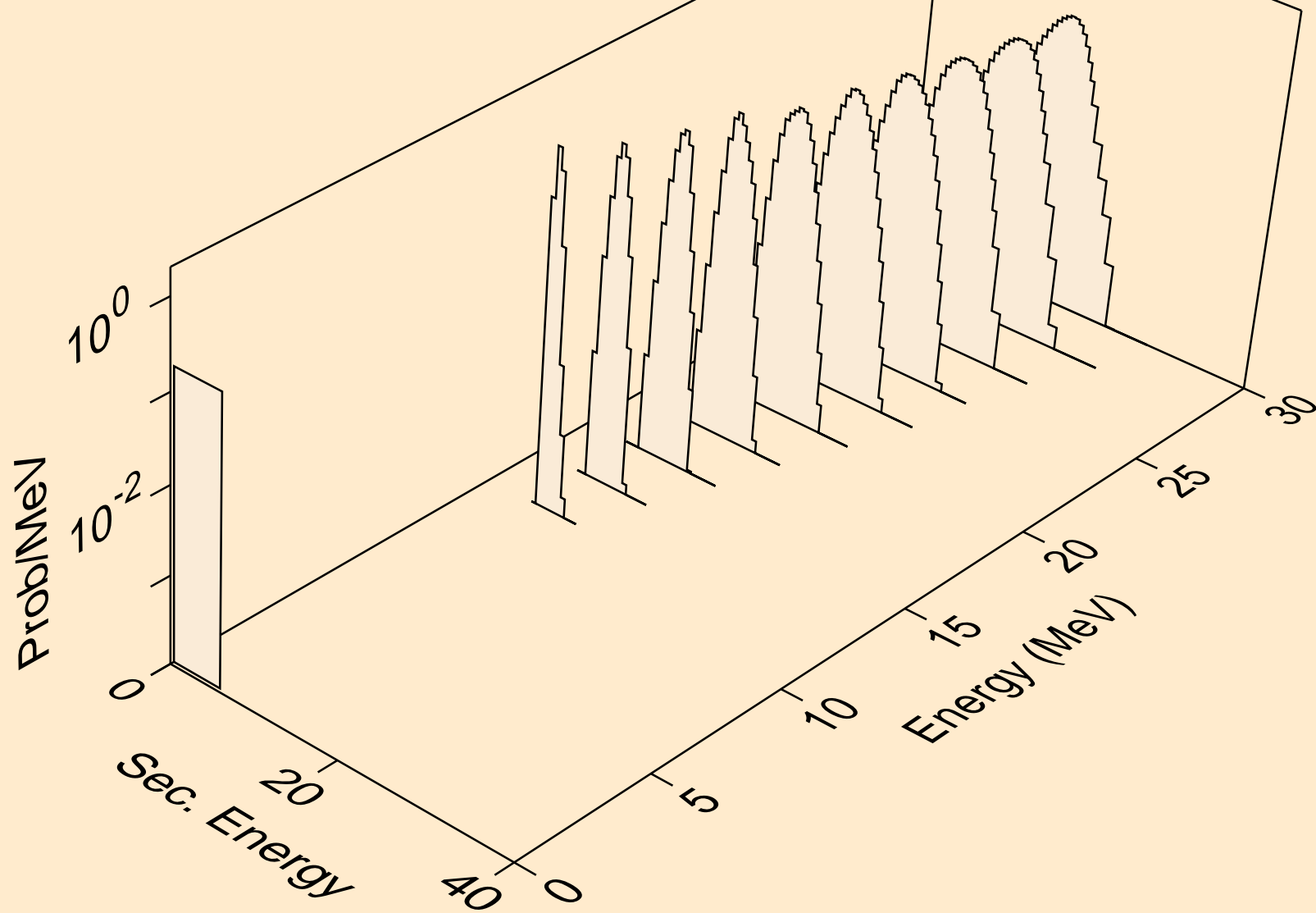
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alphas from (s,3n)a



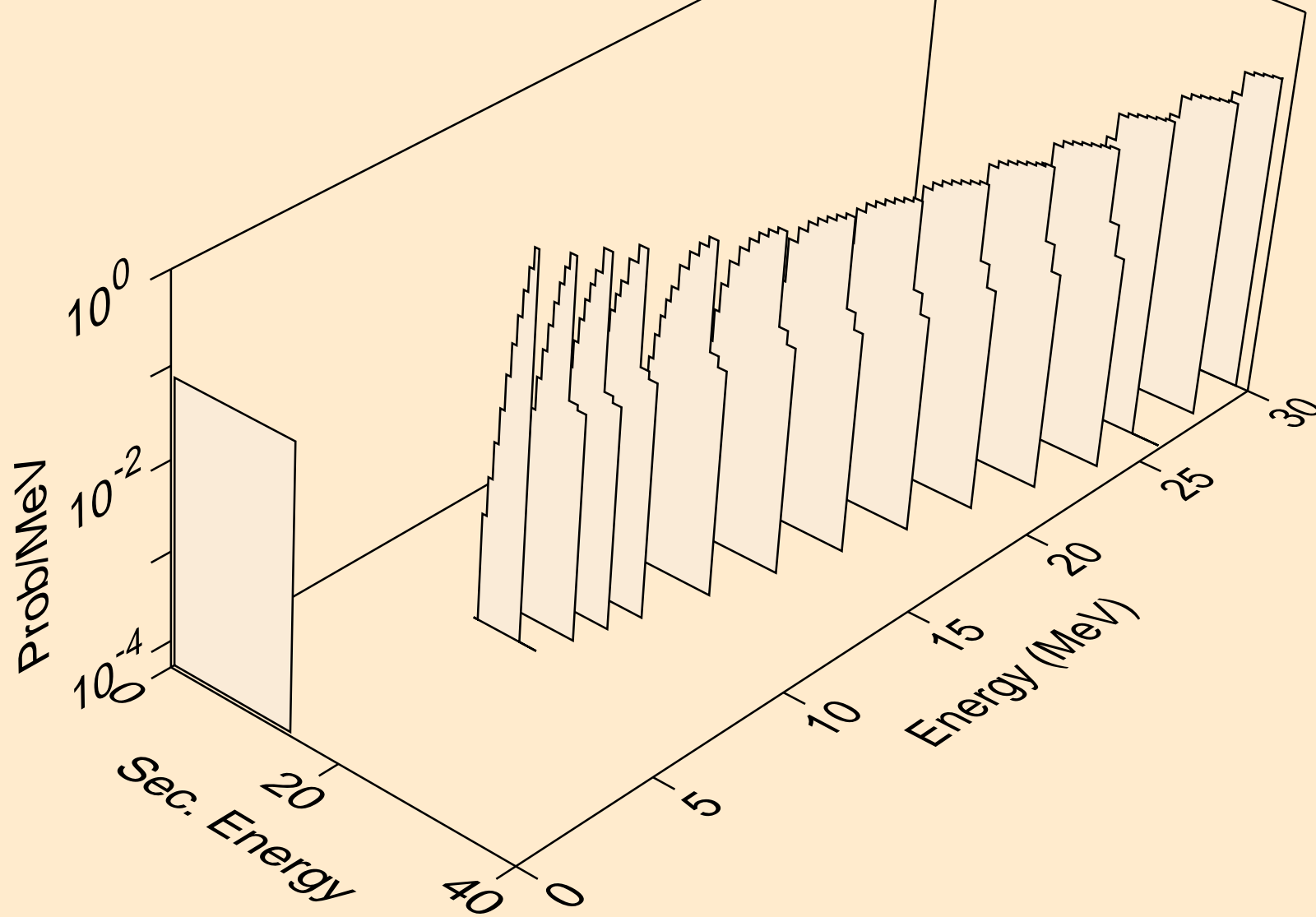
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OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,npa)

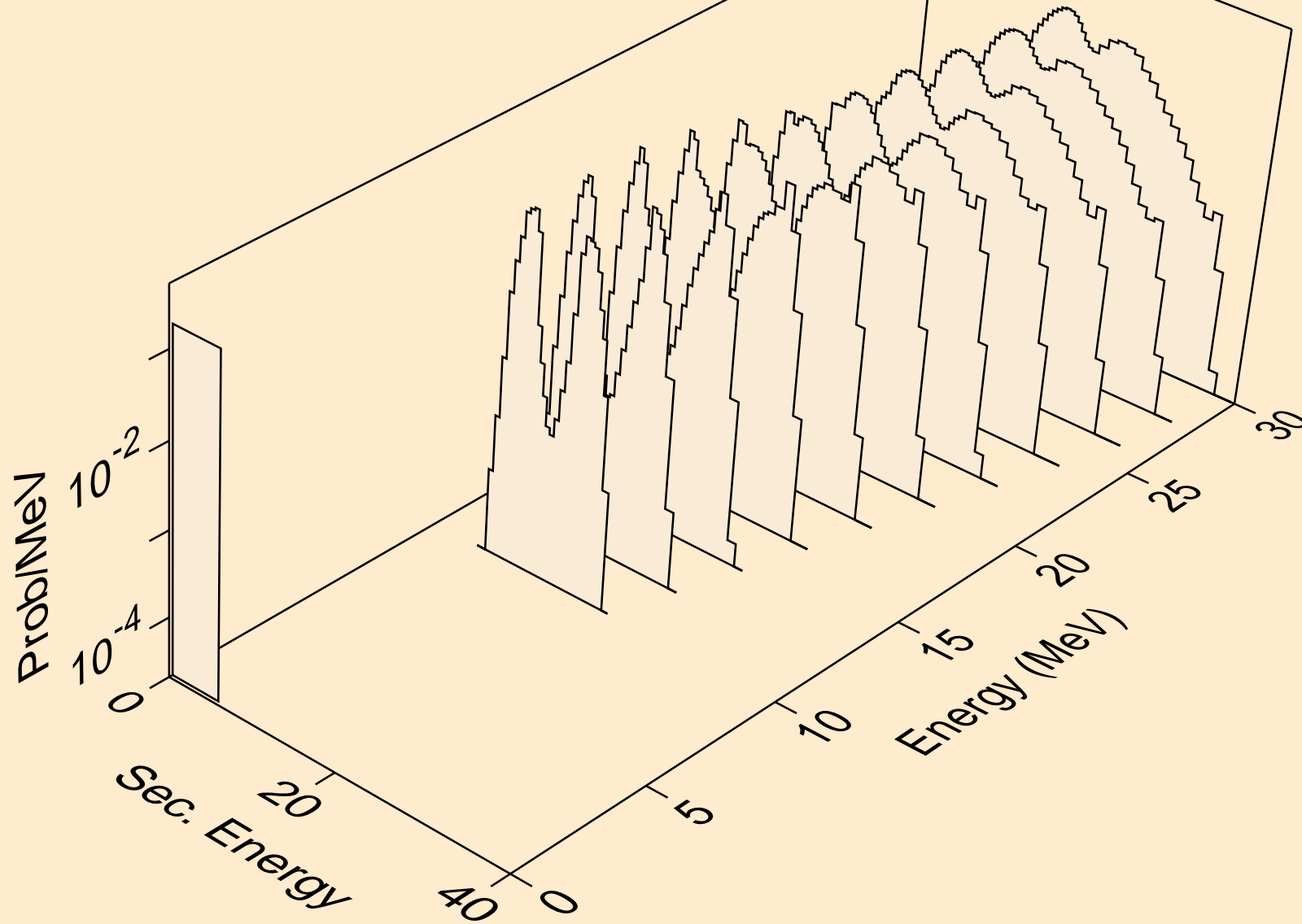


OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,a)

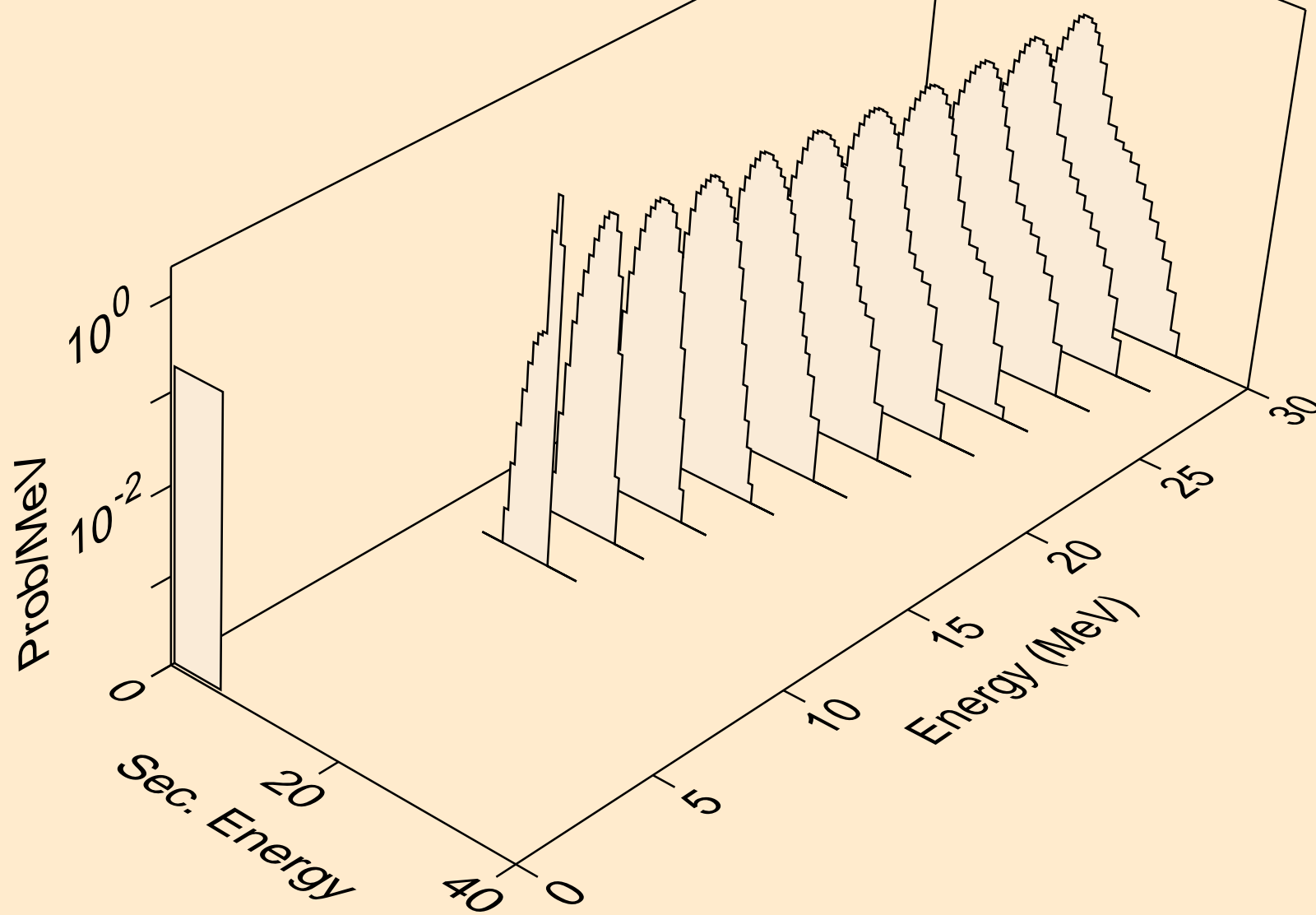




OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2a)



OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,pa)



OS187 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,da)

