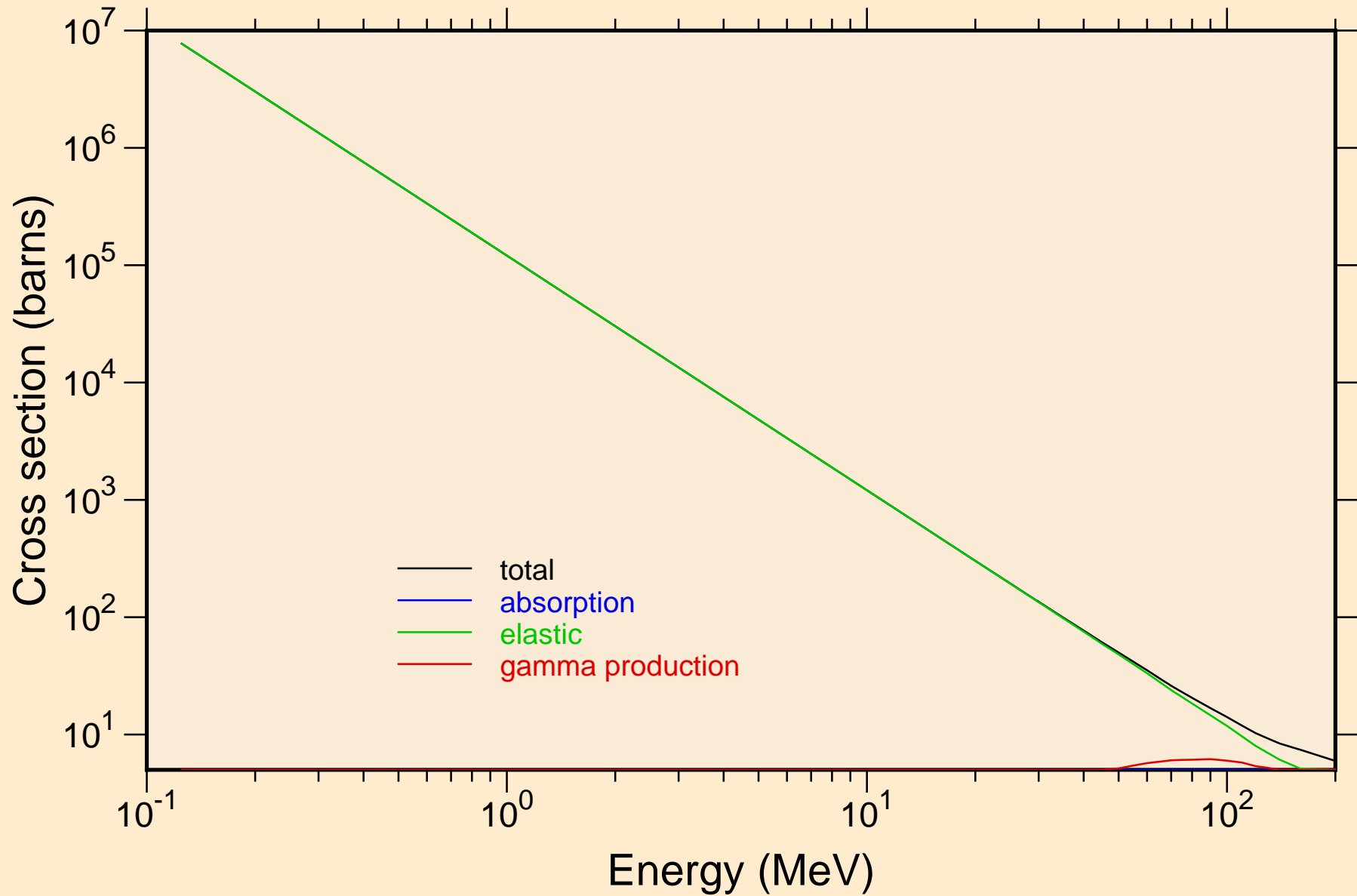


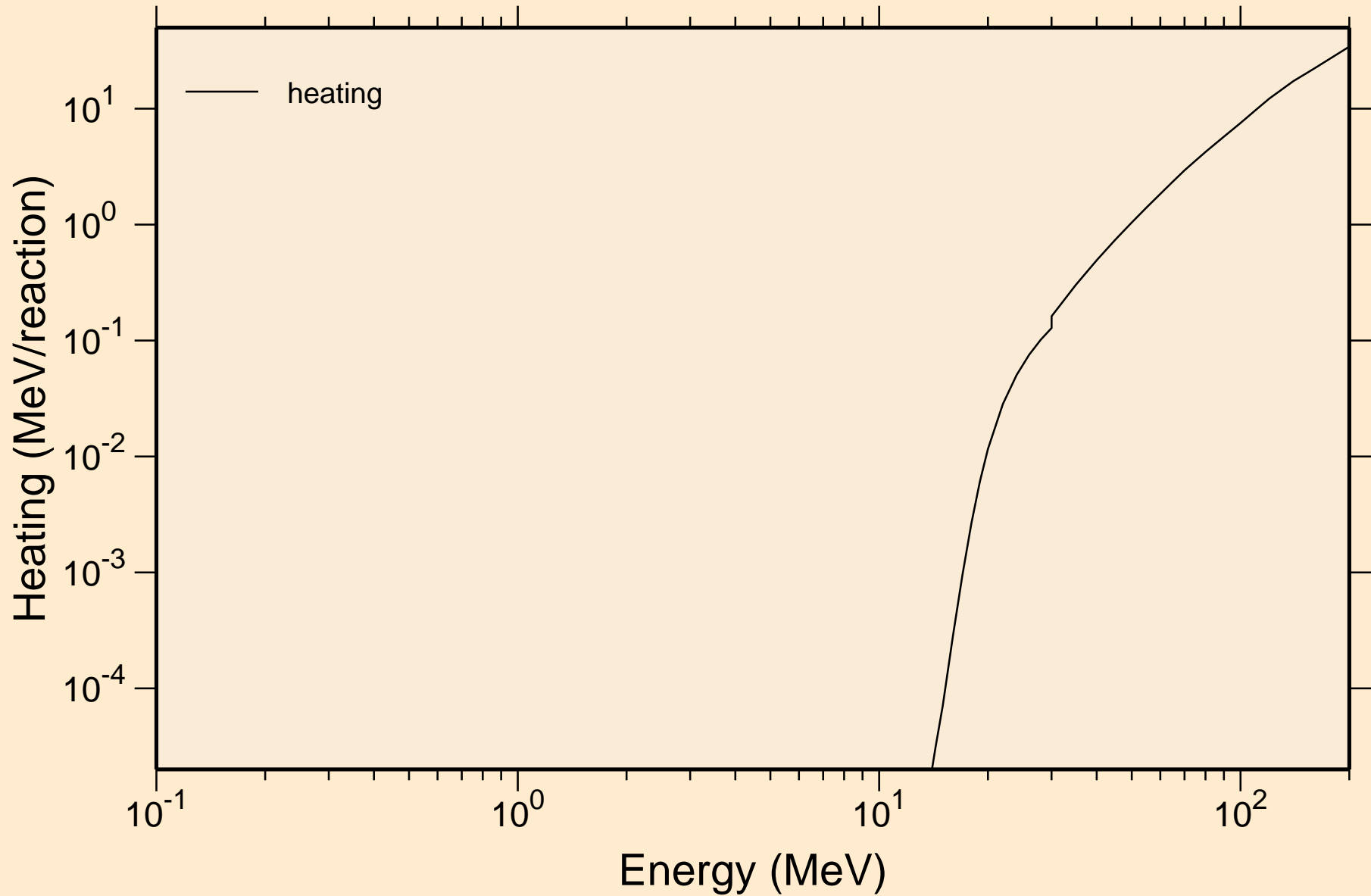
# TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



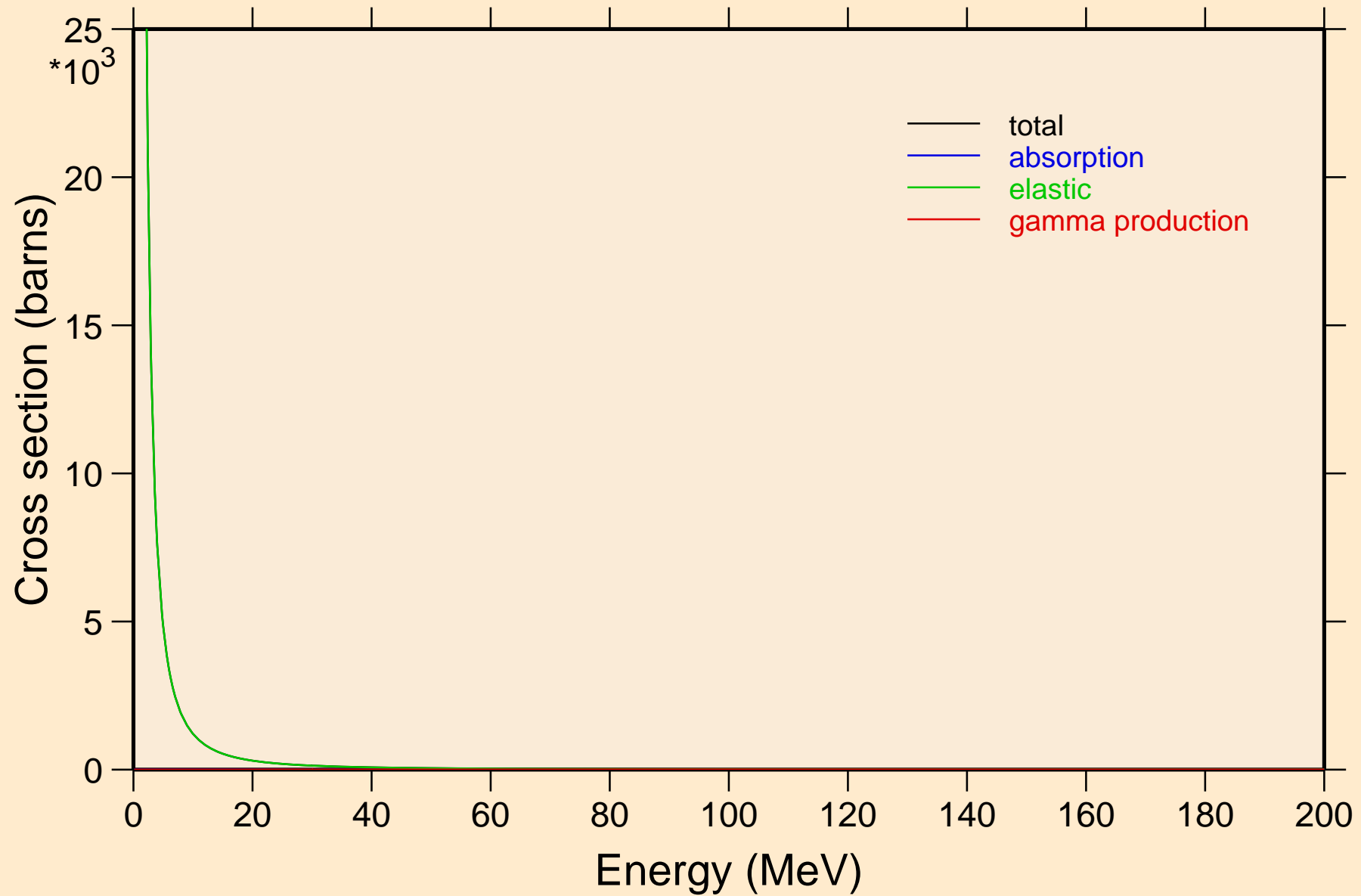
TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K

Heating



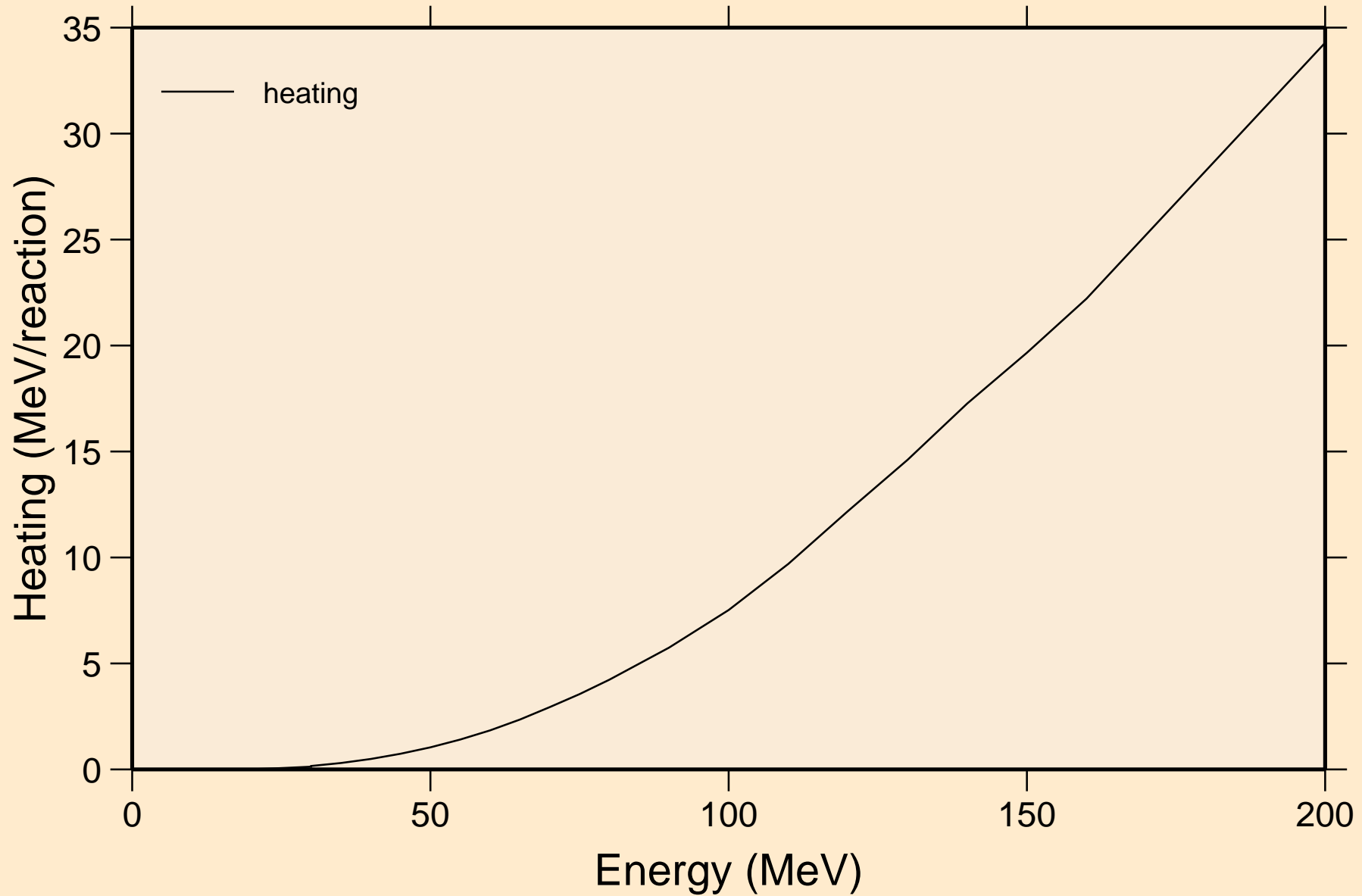
# TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

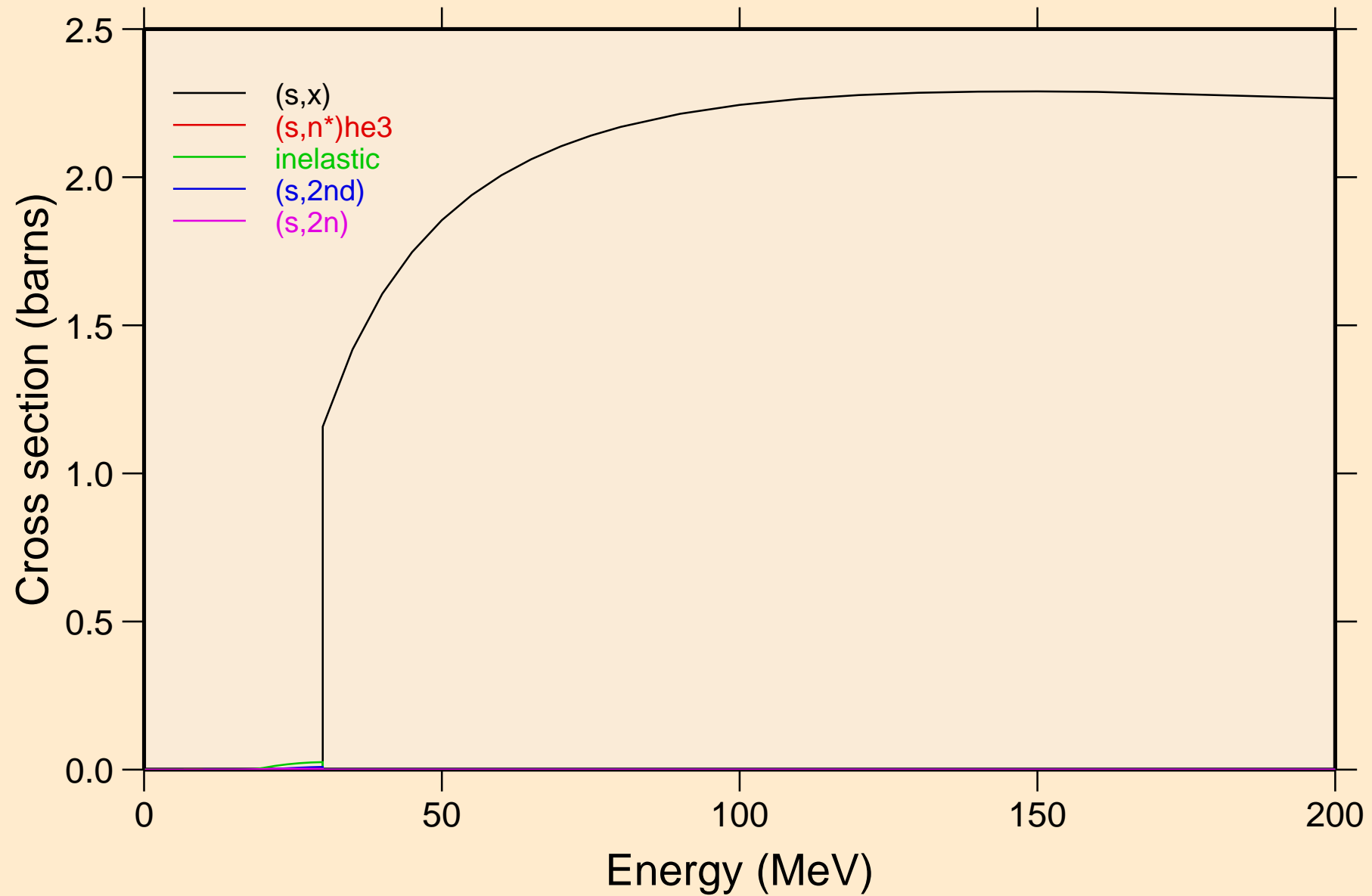


TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K

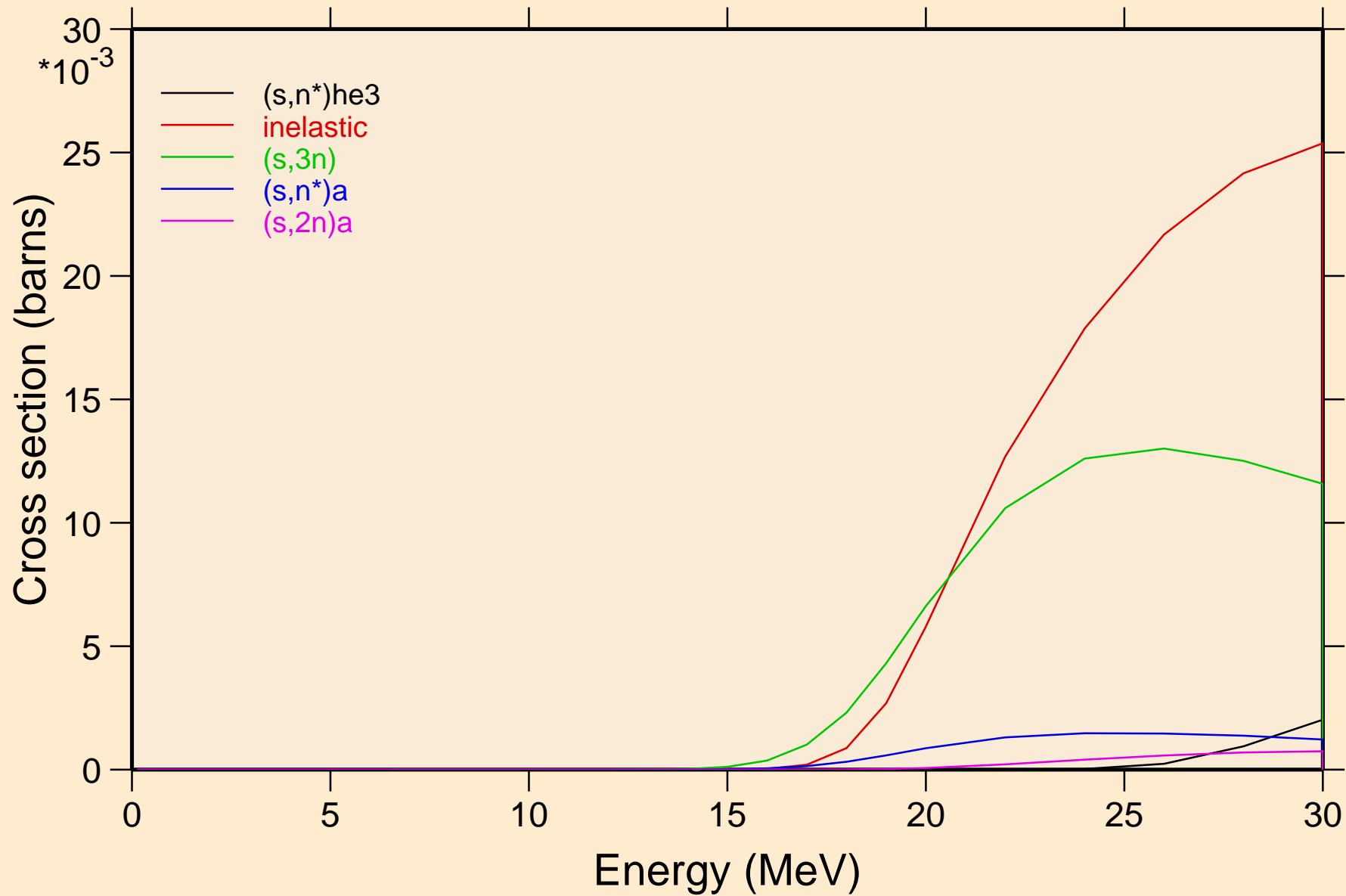
Heating



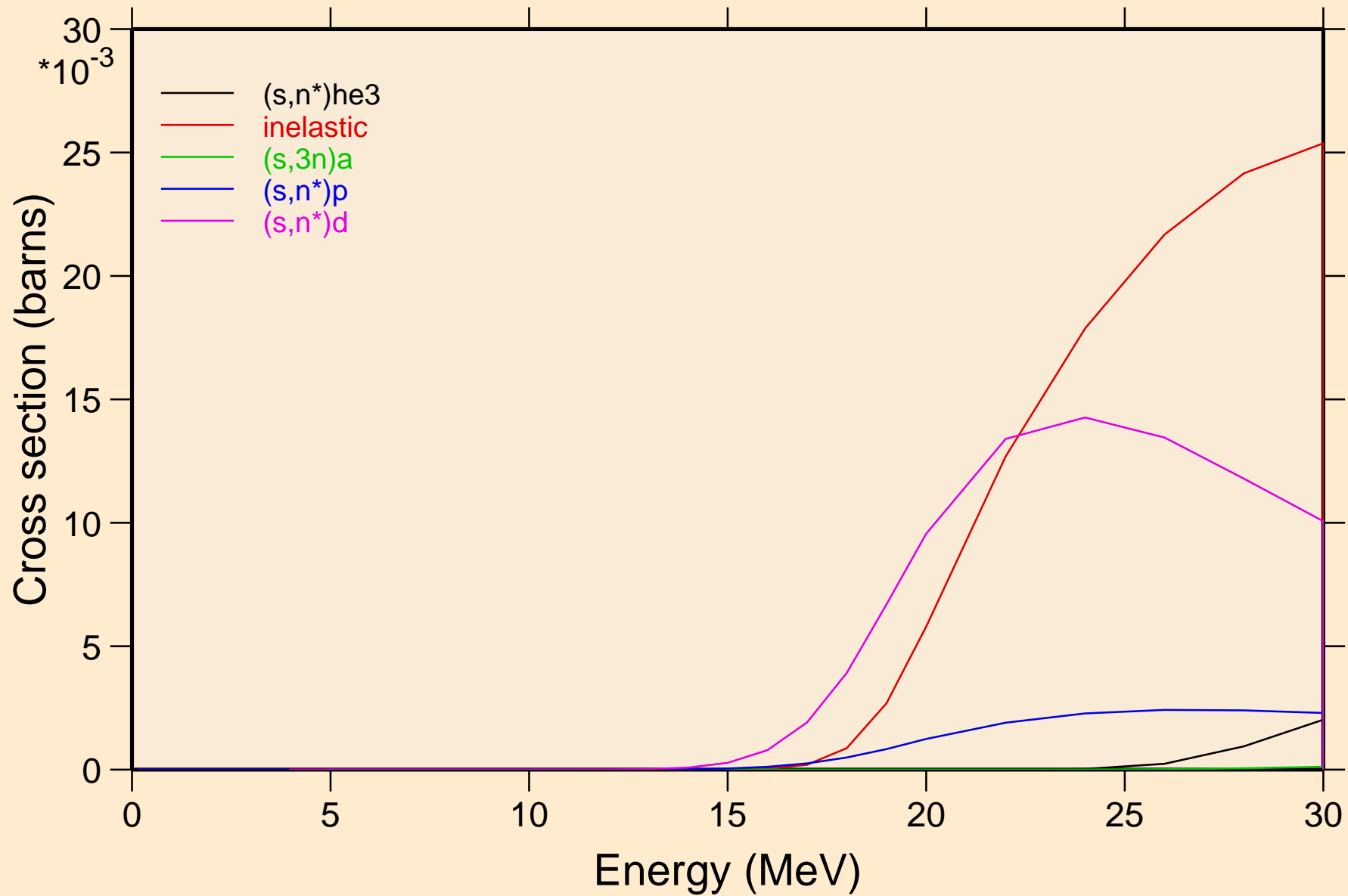
TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



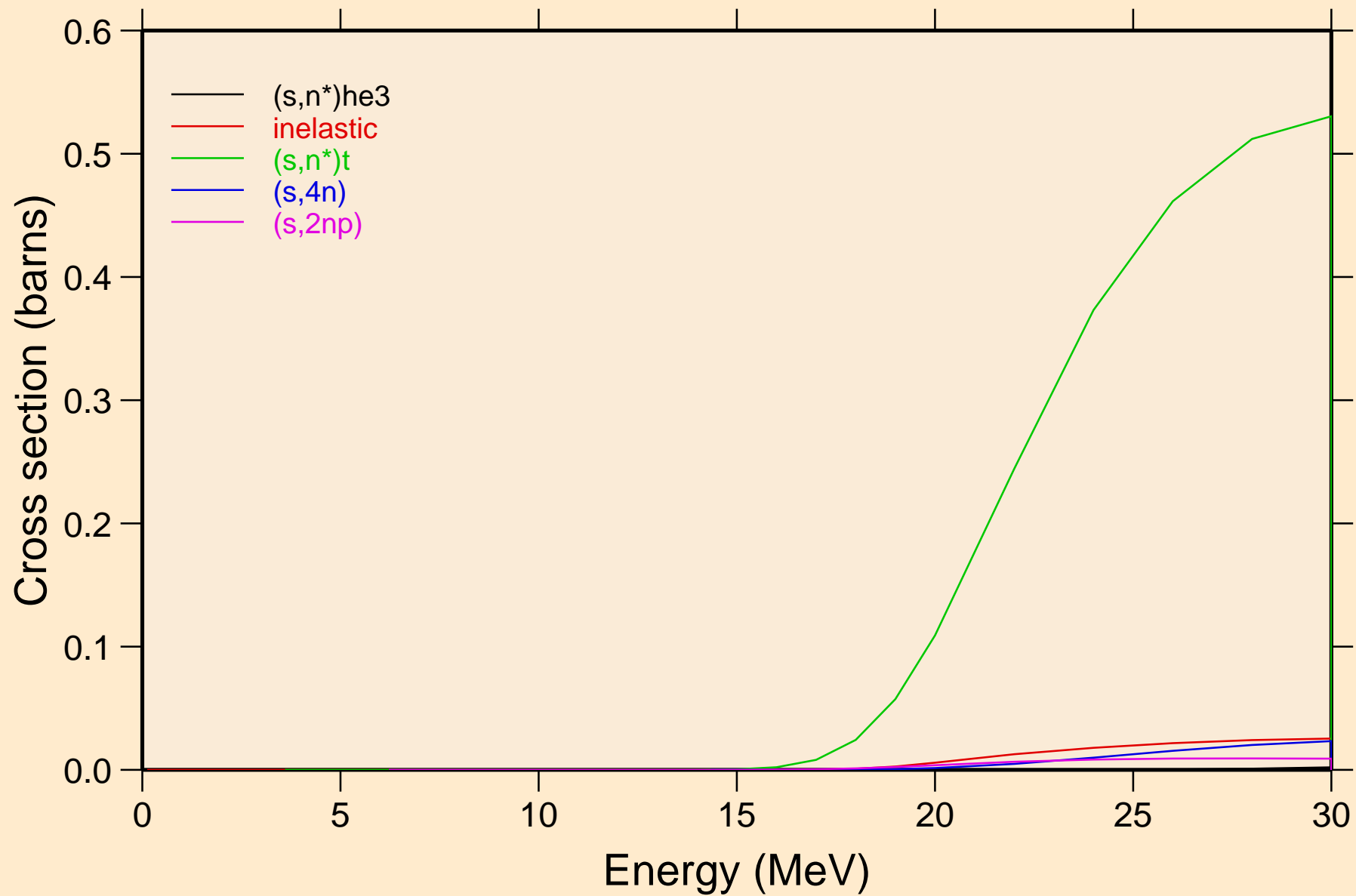
TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

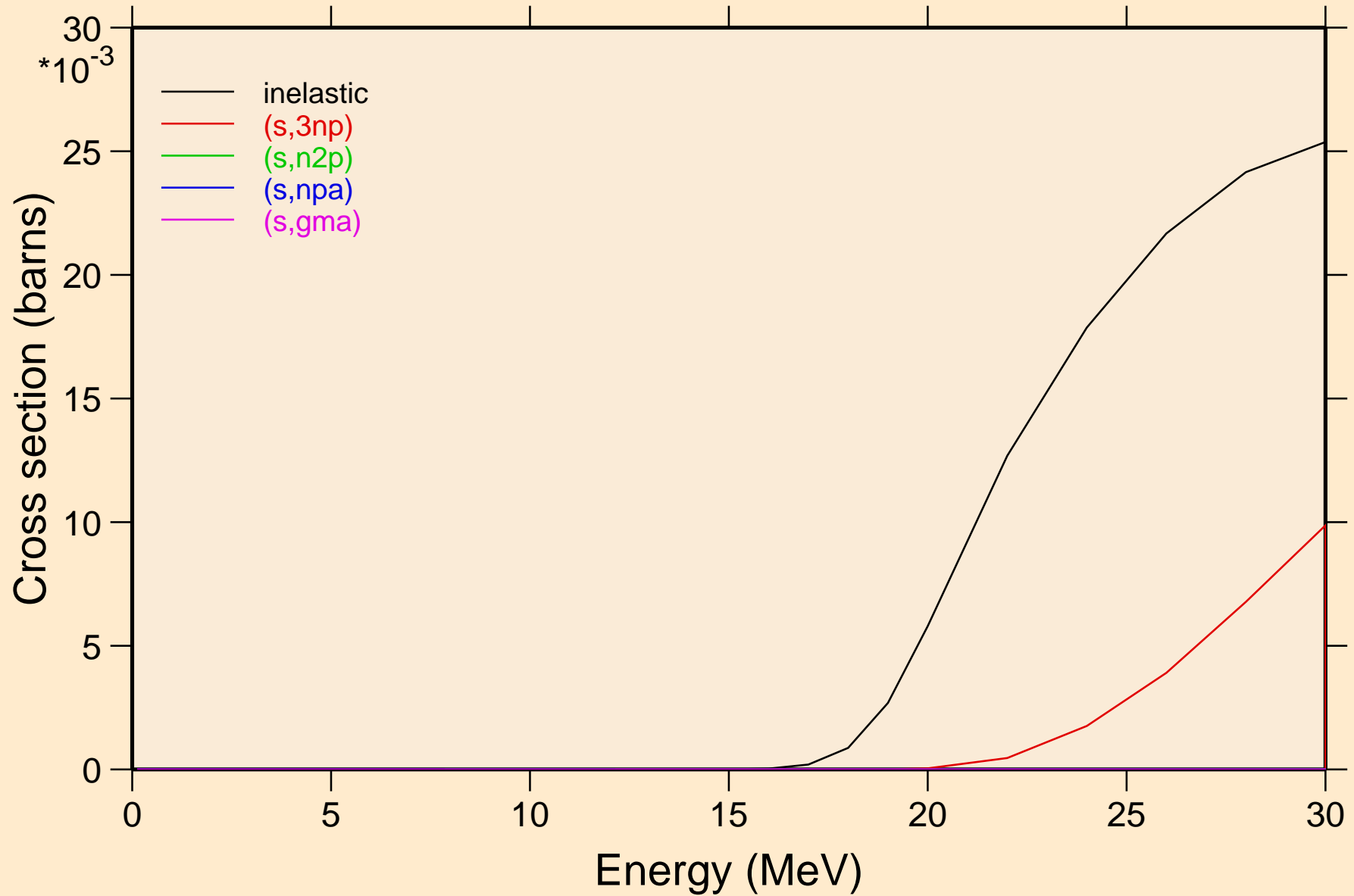


TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



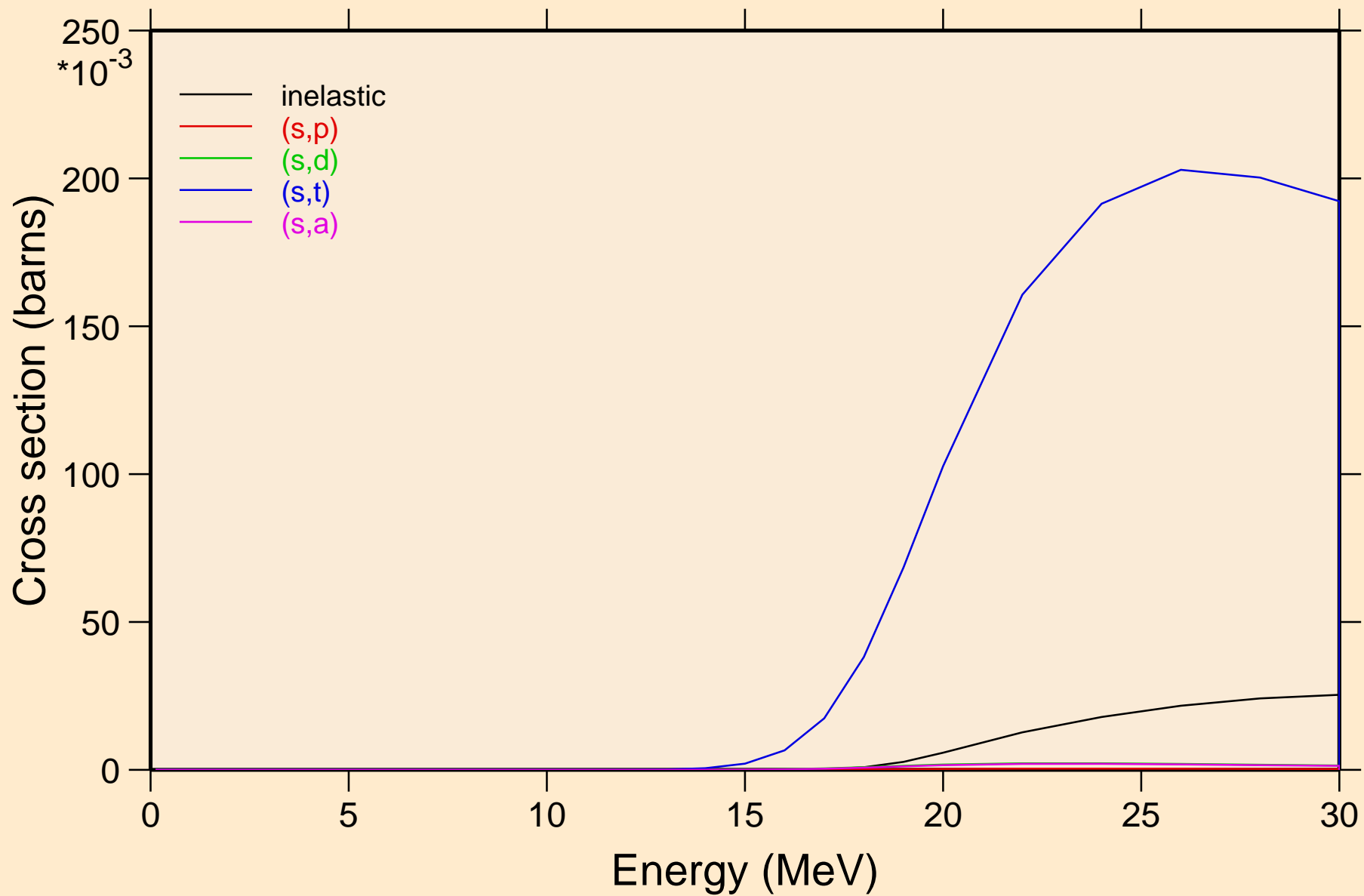


TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

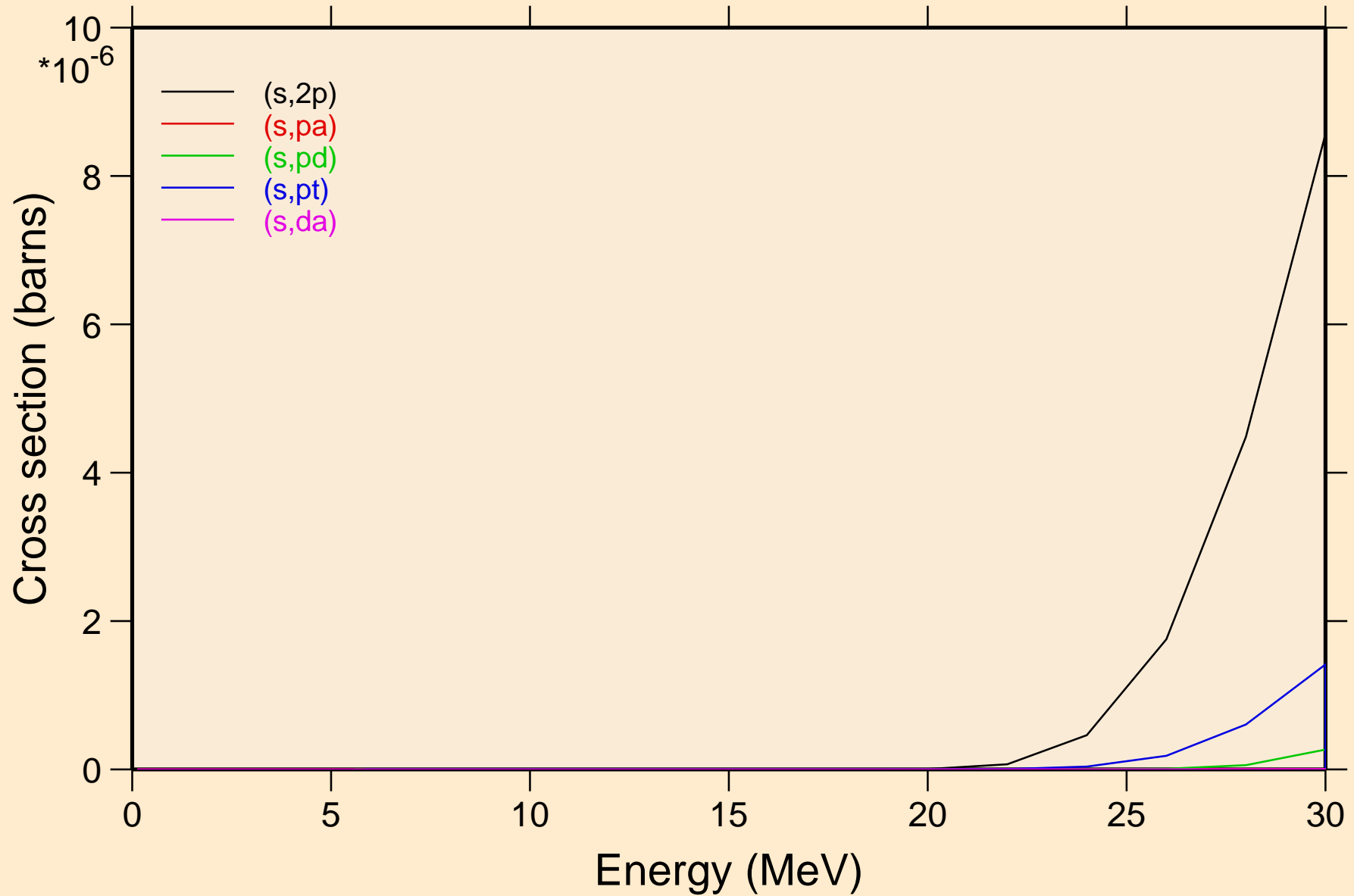


# TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K

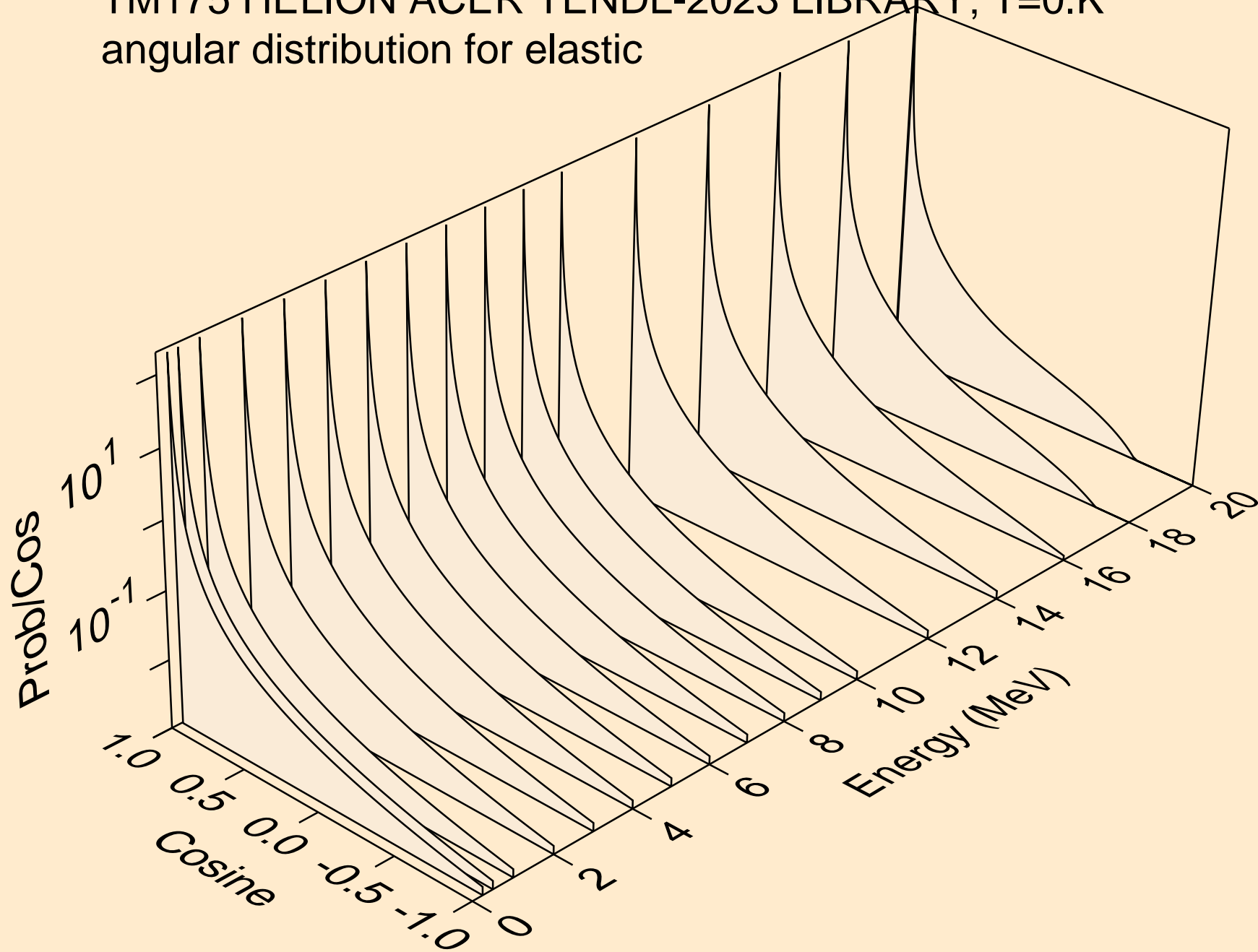
## Threshold reactions



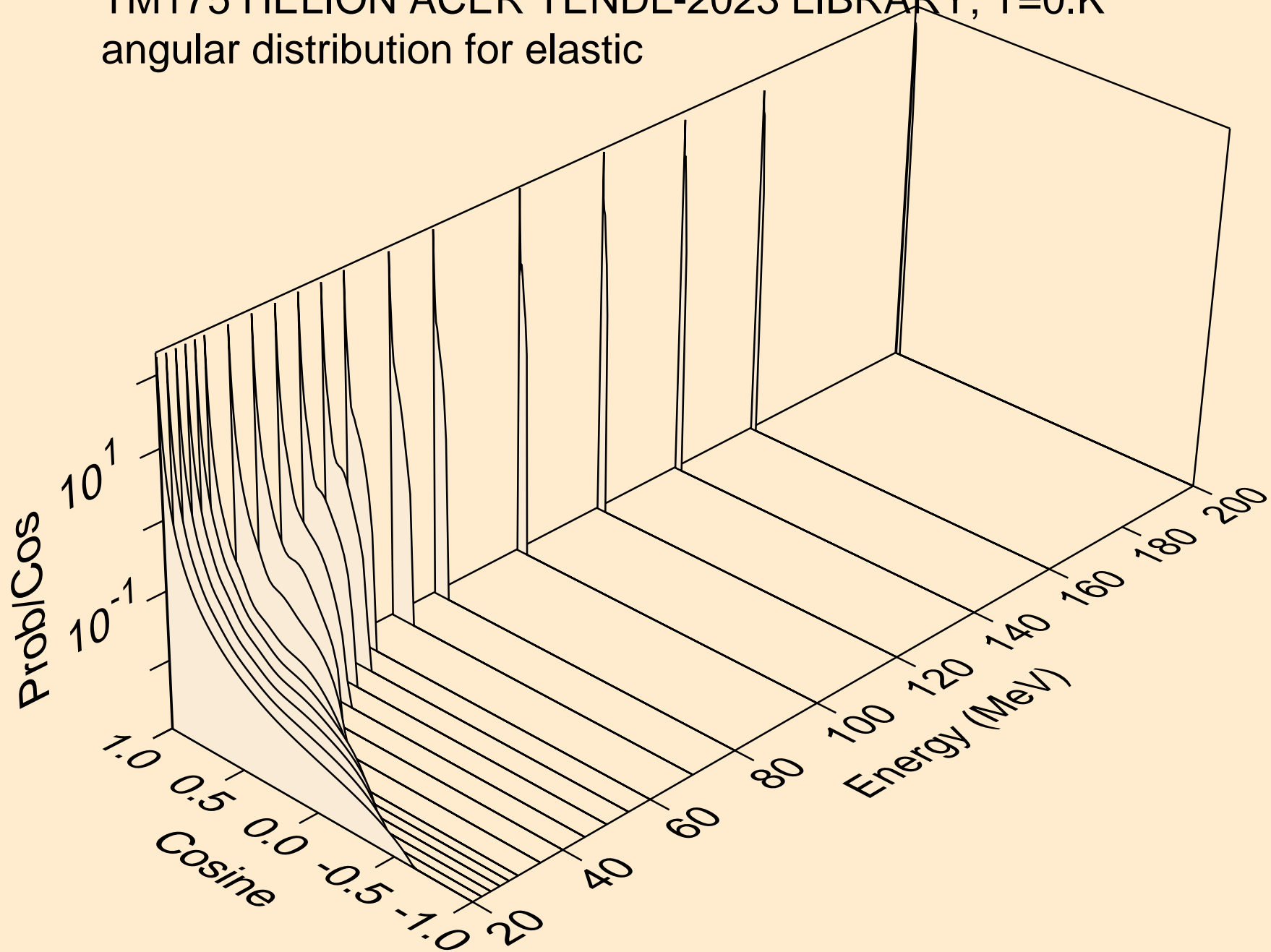
TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



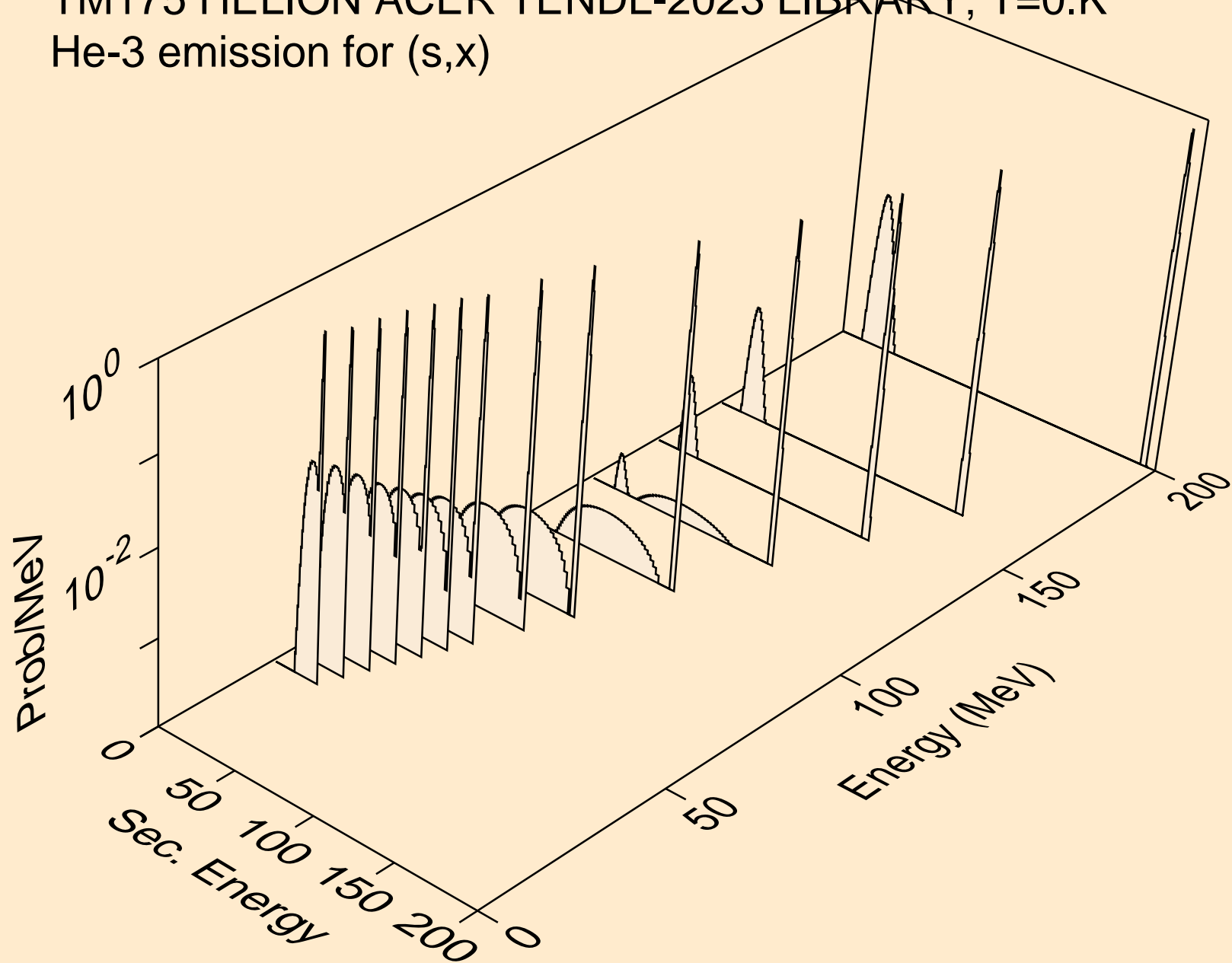
TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



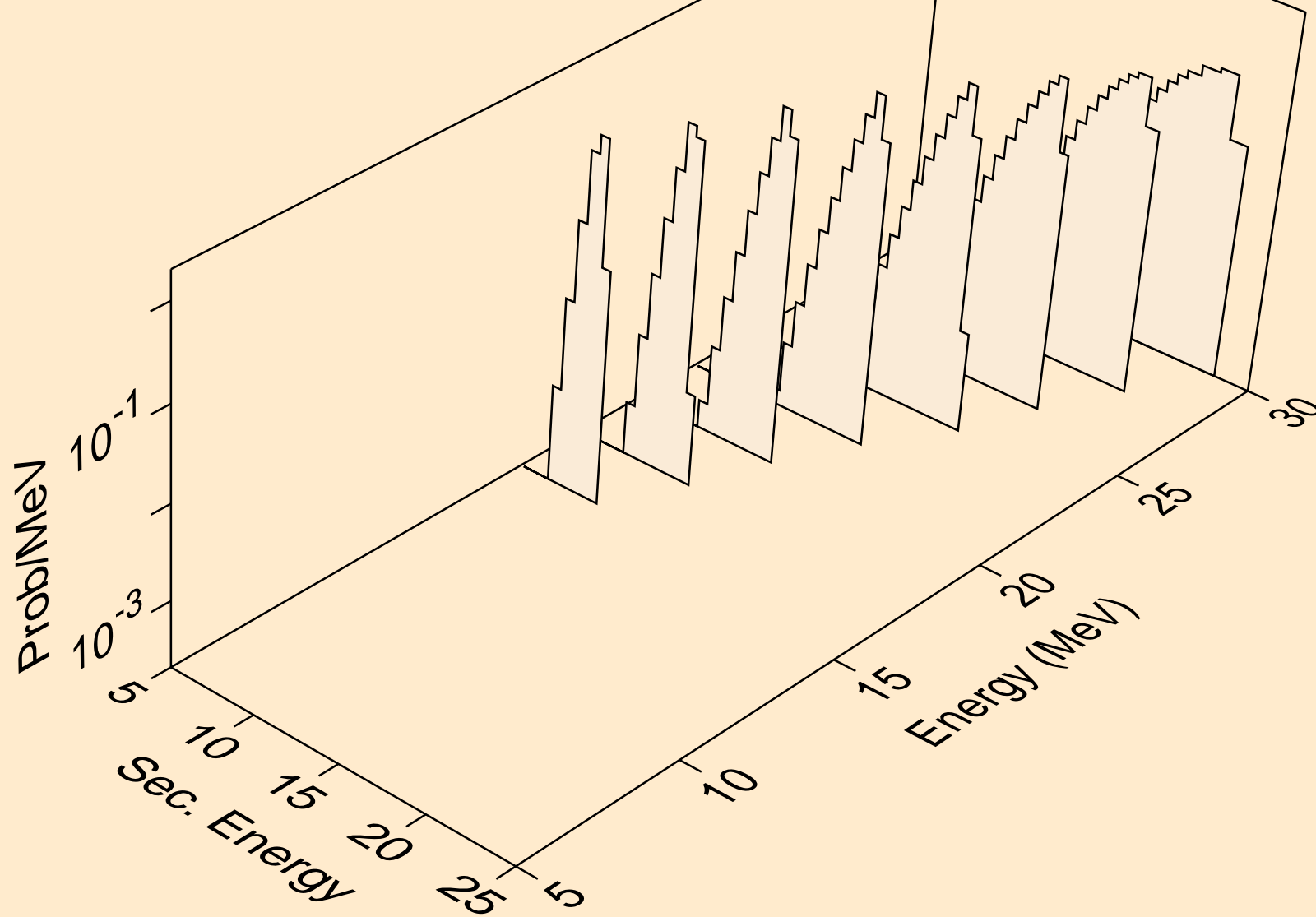
TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



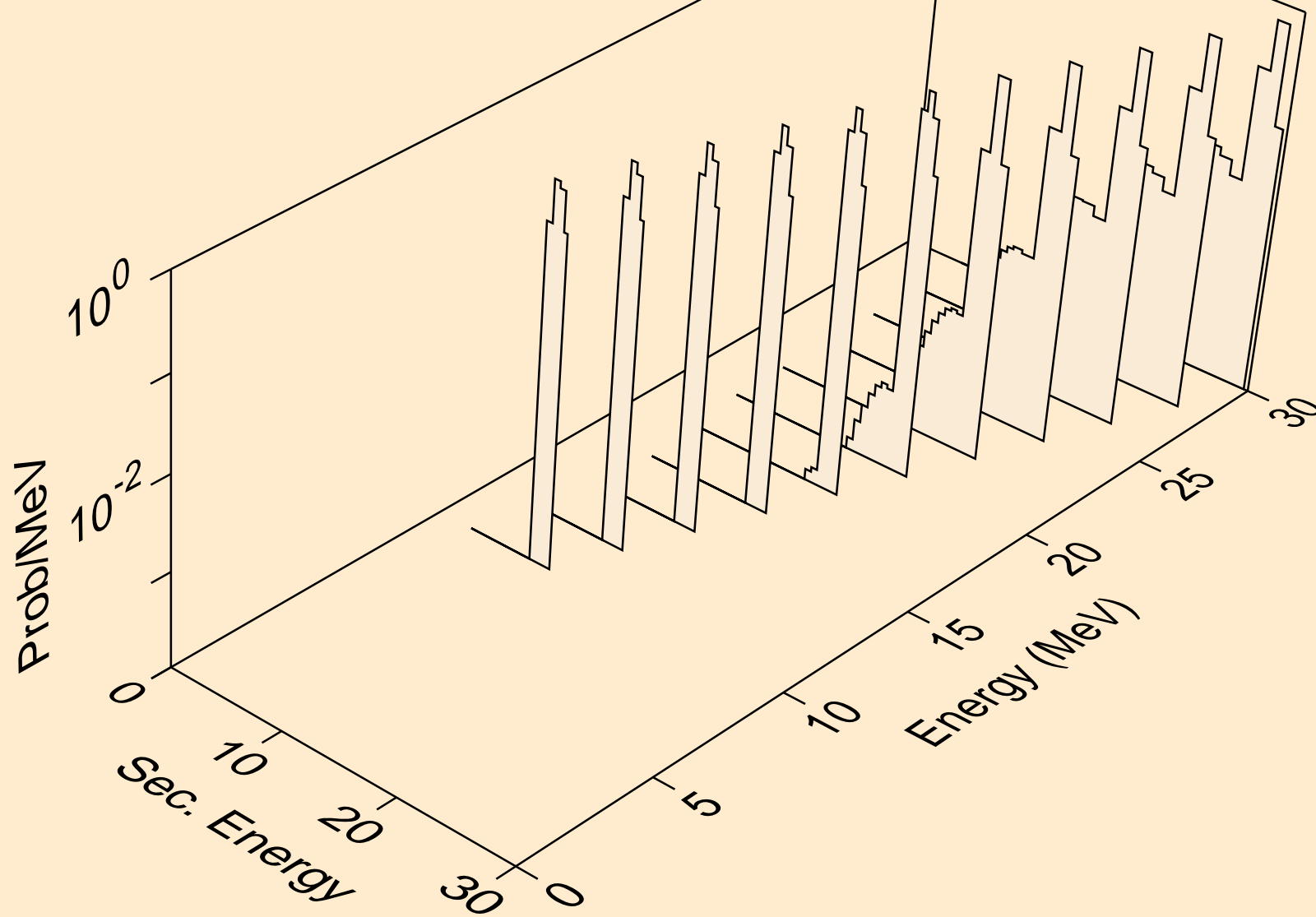
TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,x)



TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

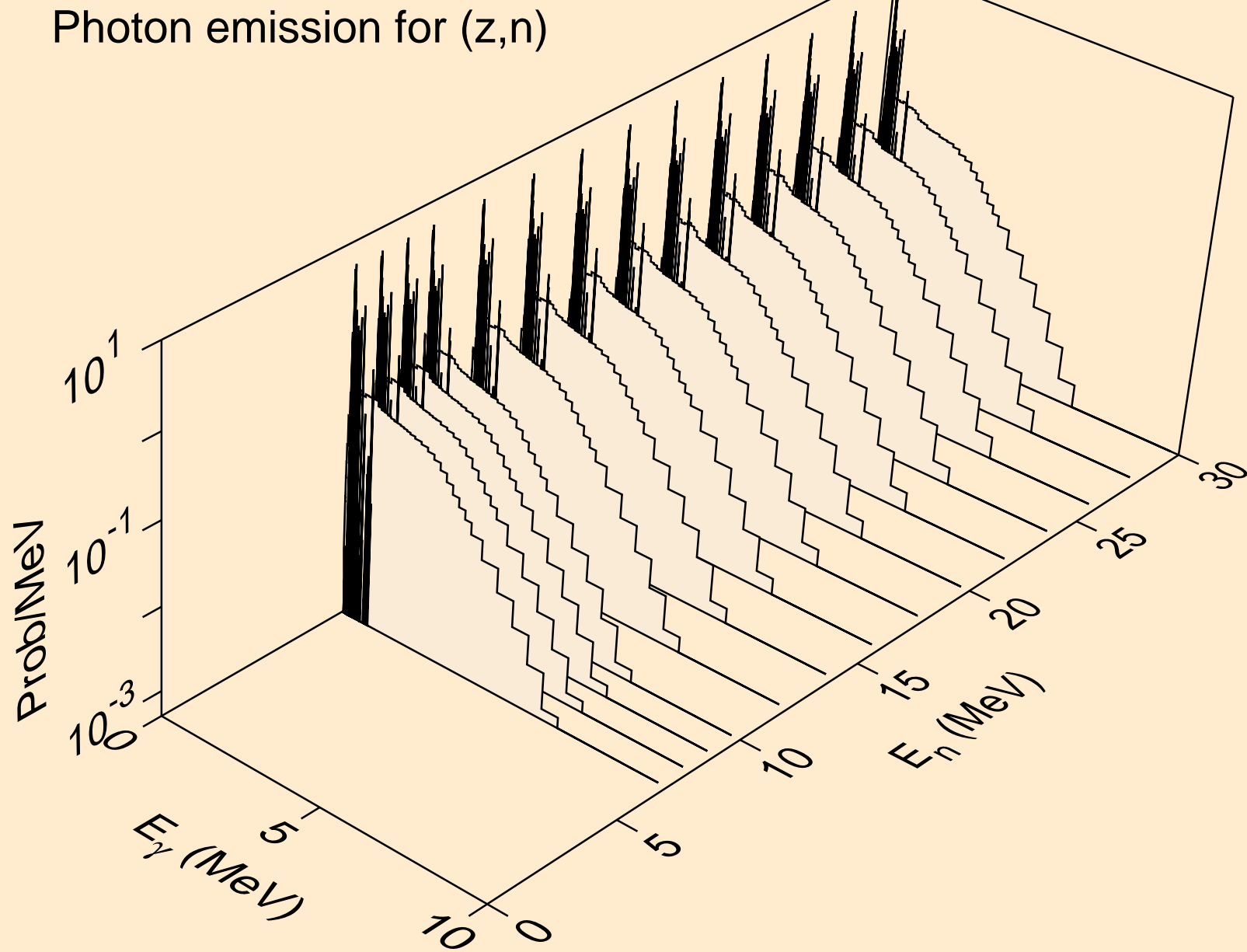


TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for inelastic

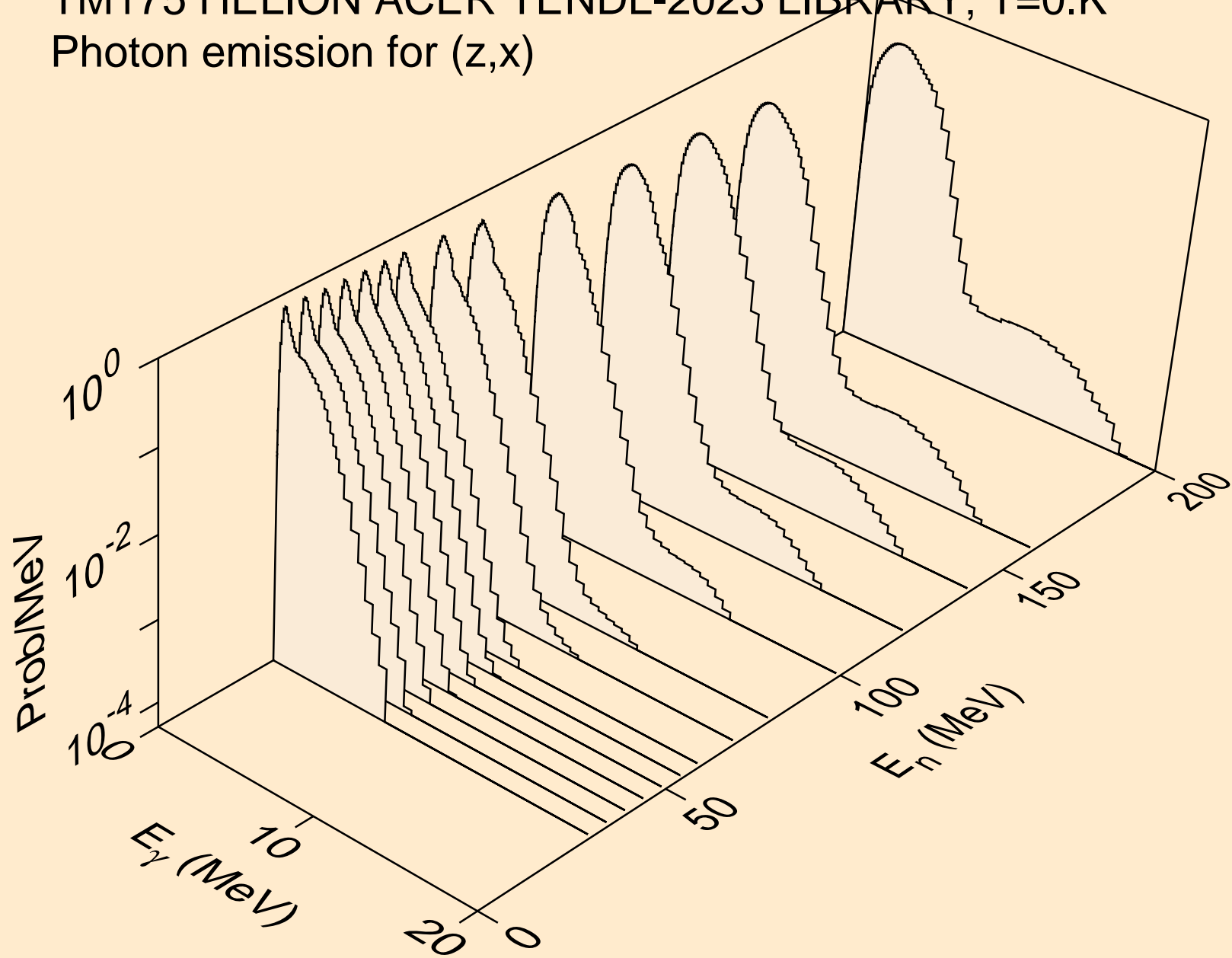




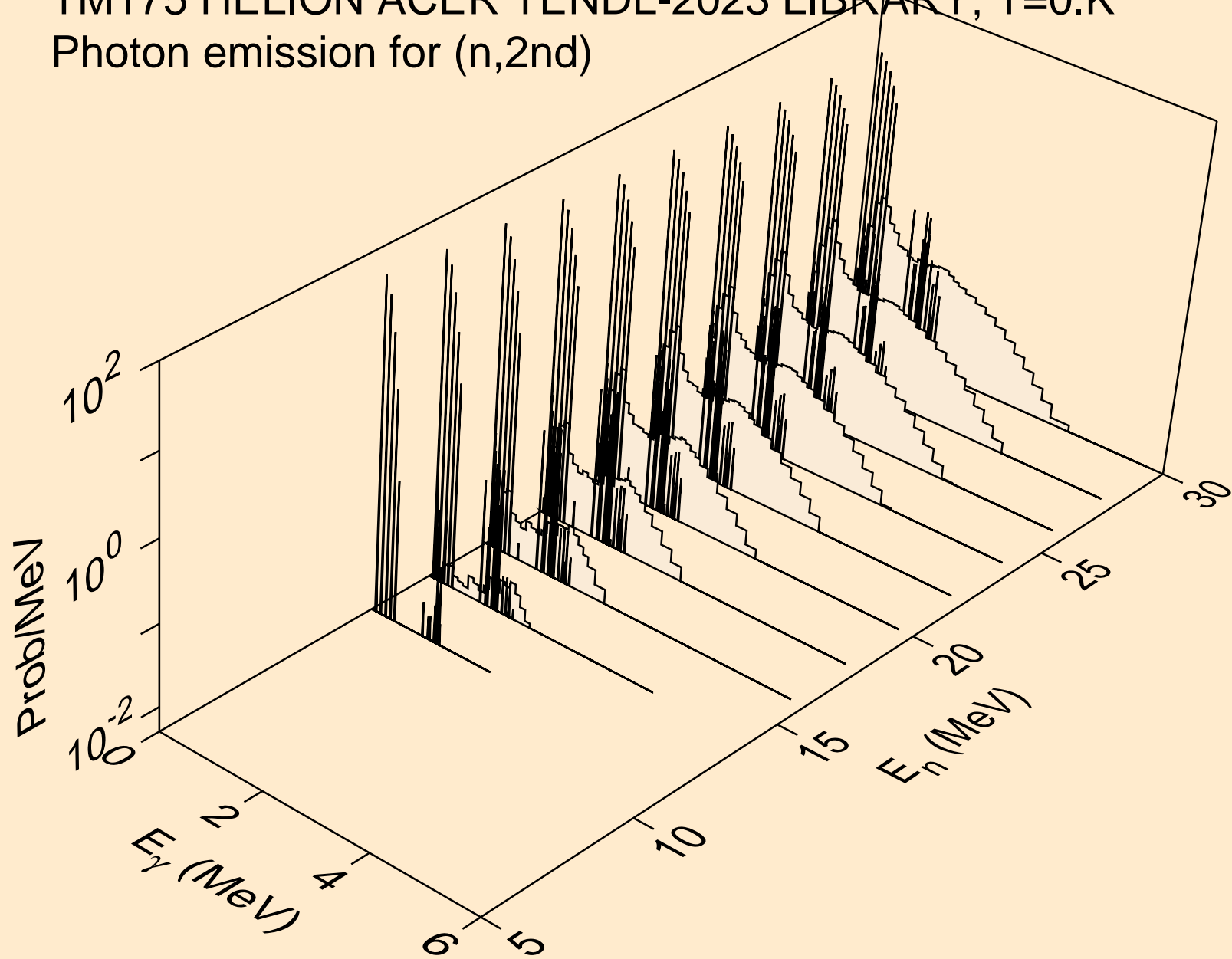
TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



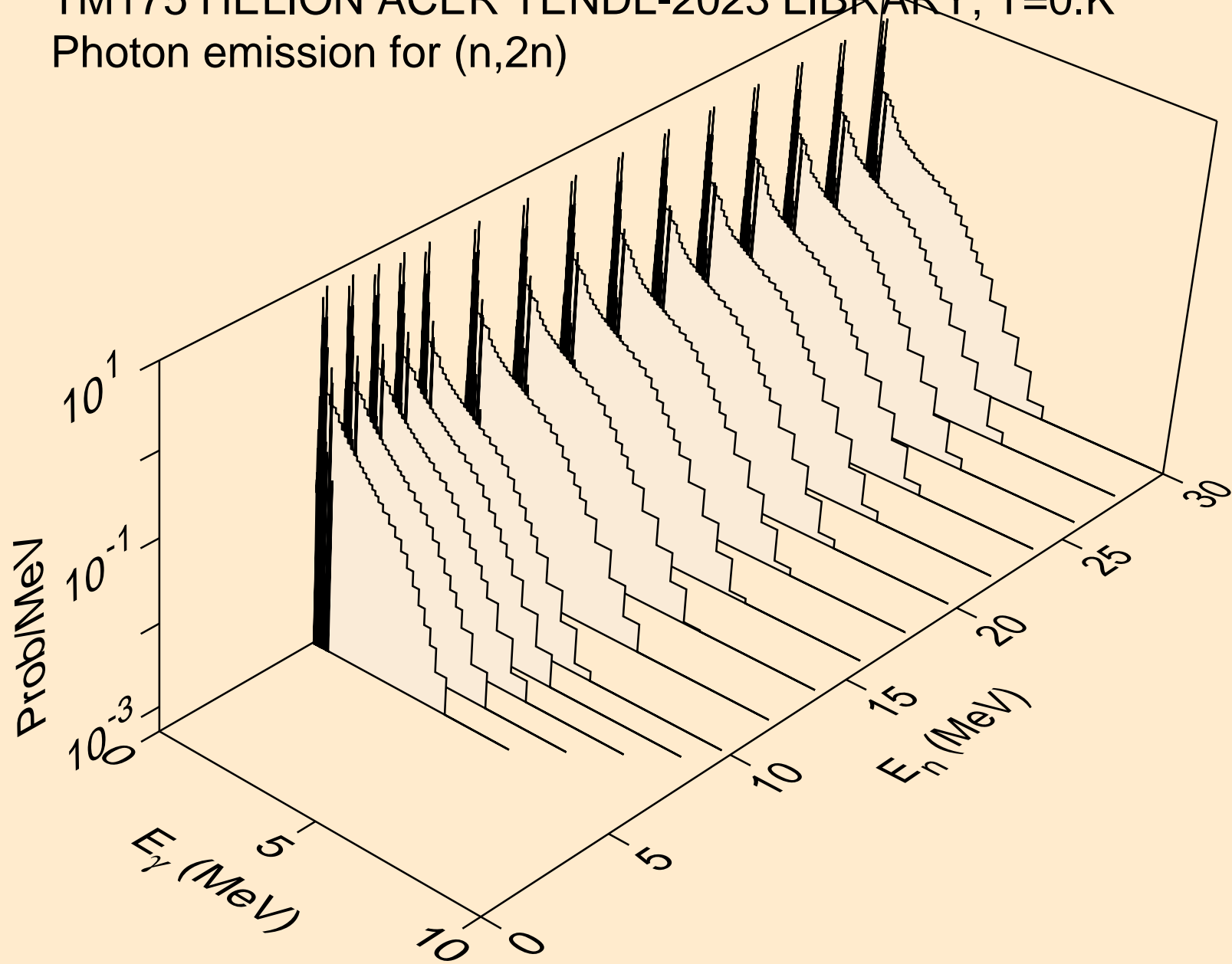
TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



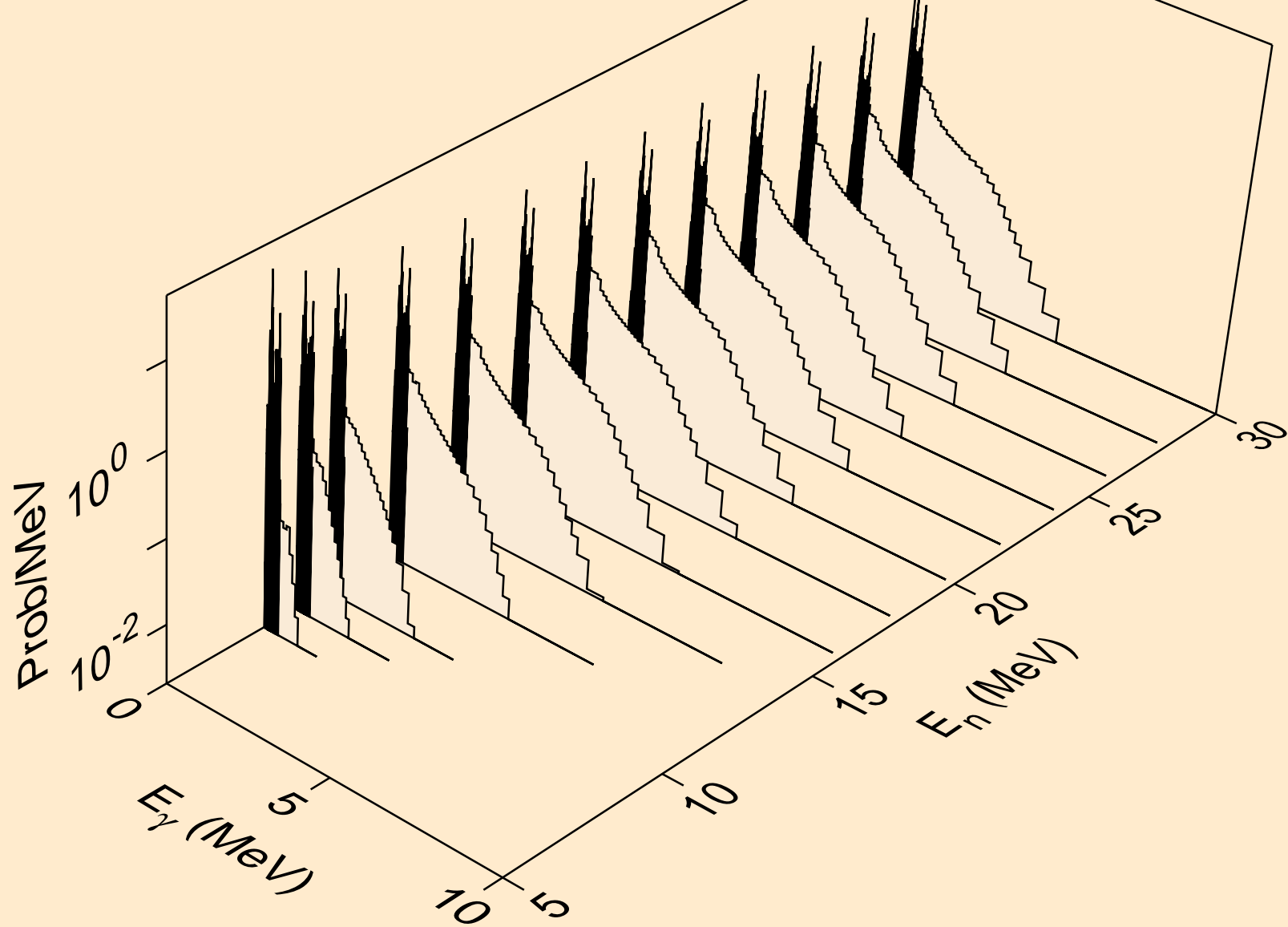
TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



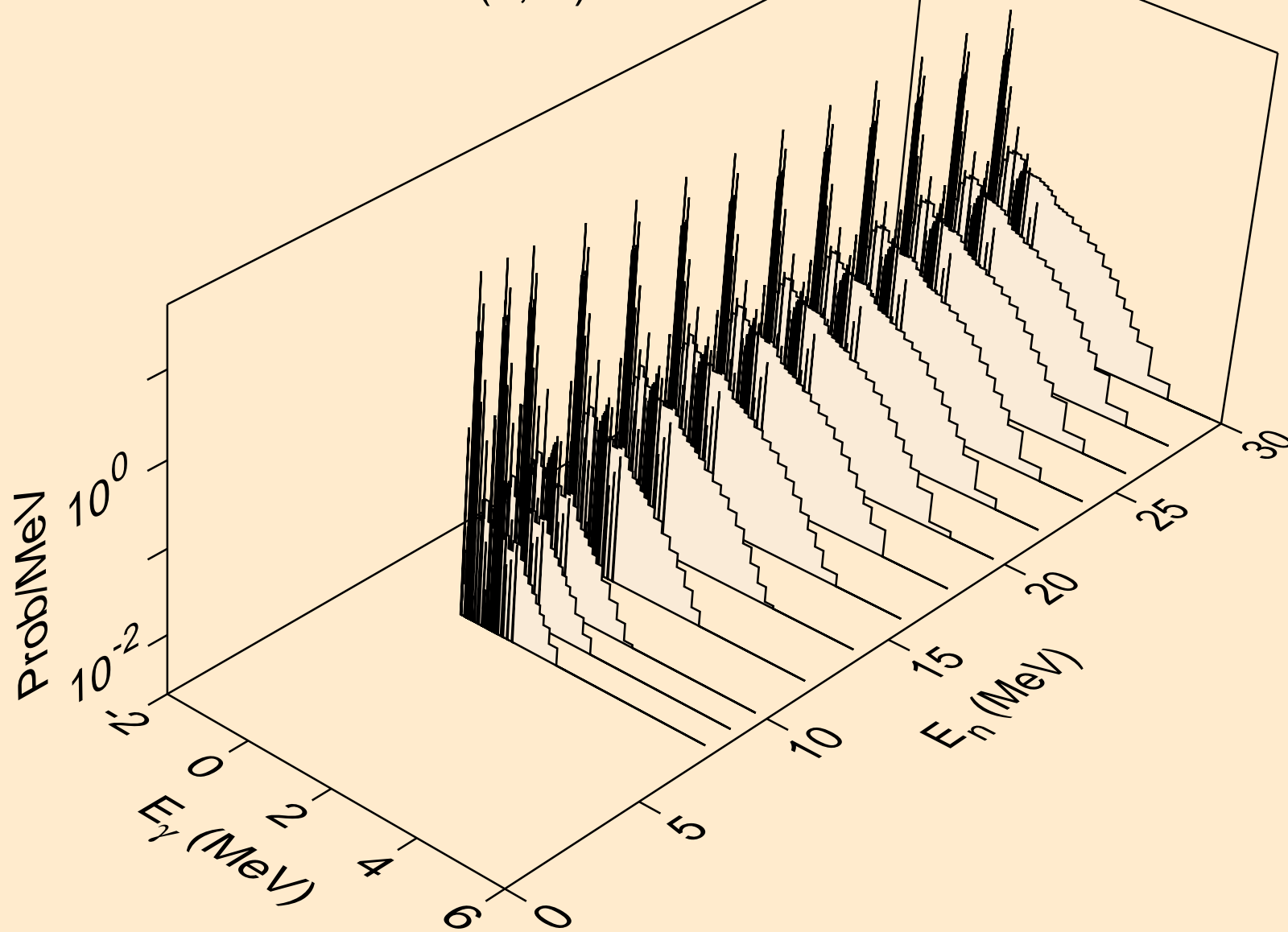
TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



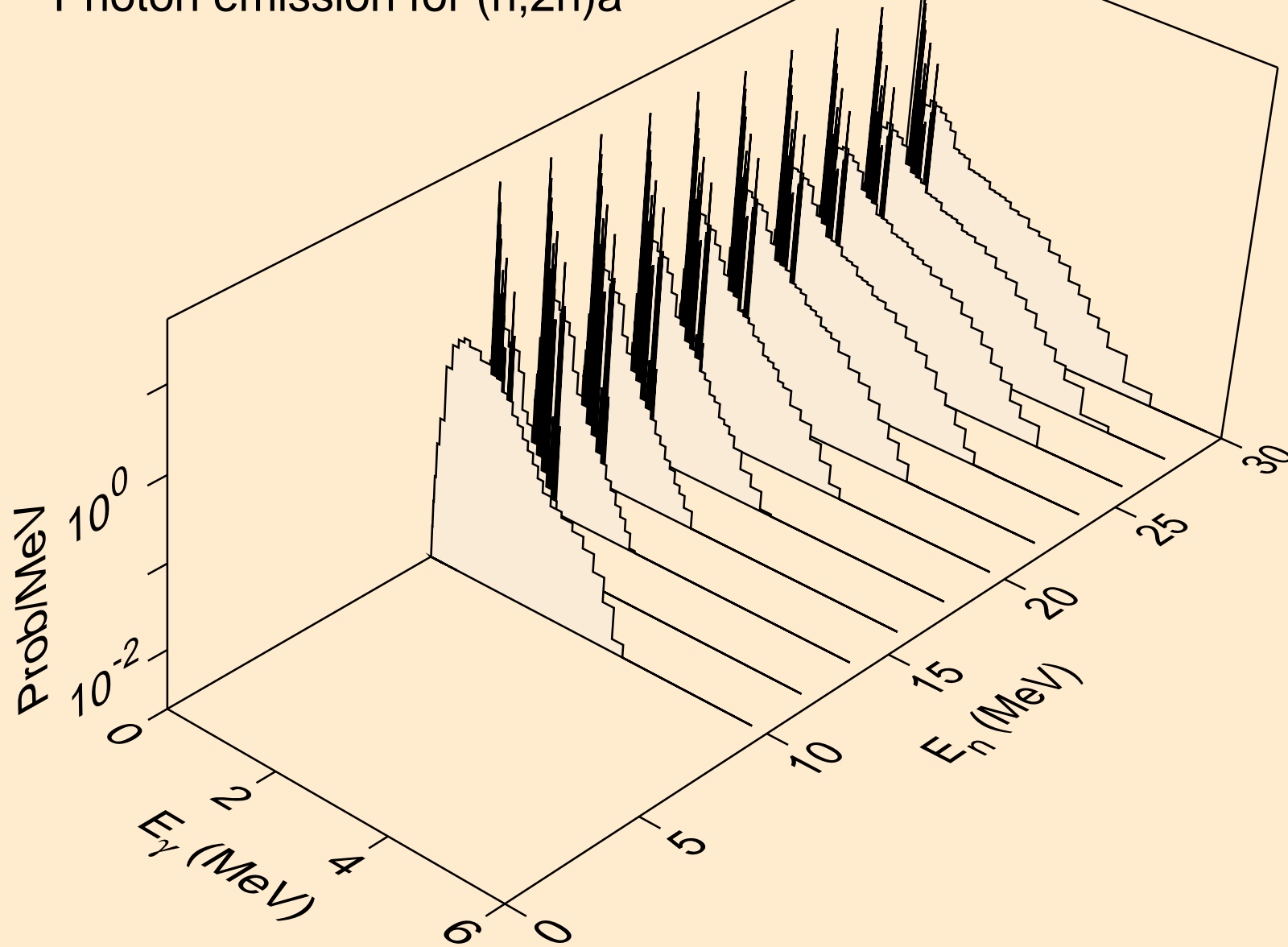
TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



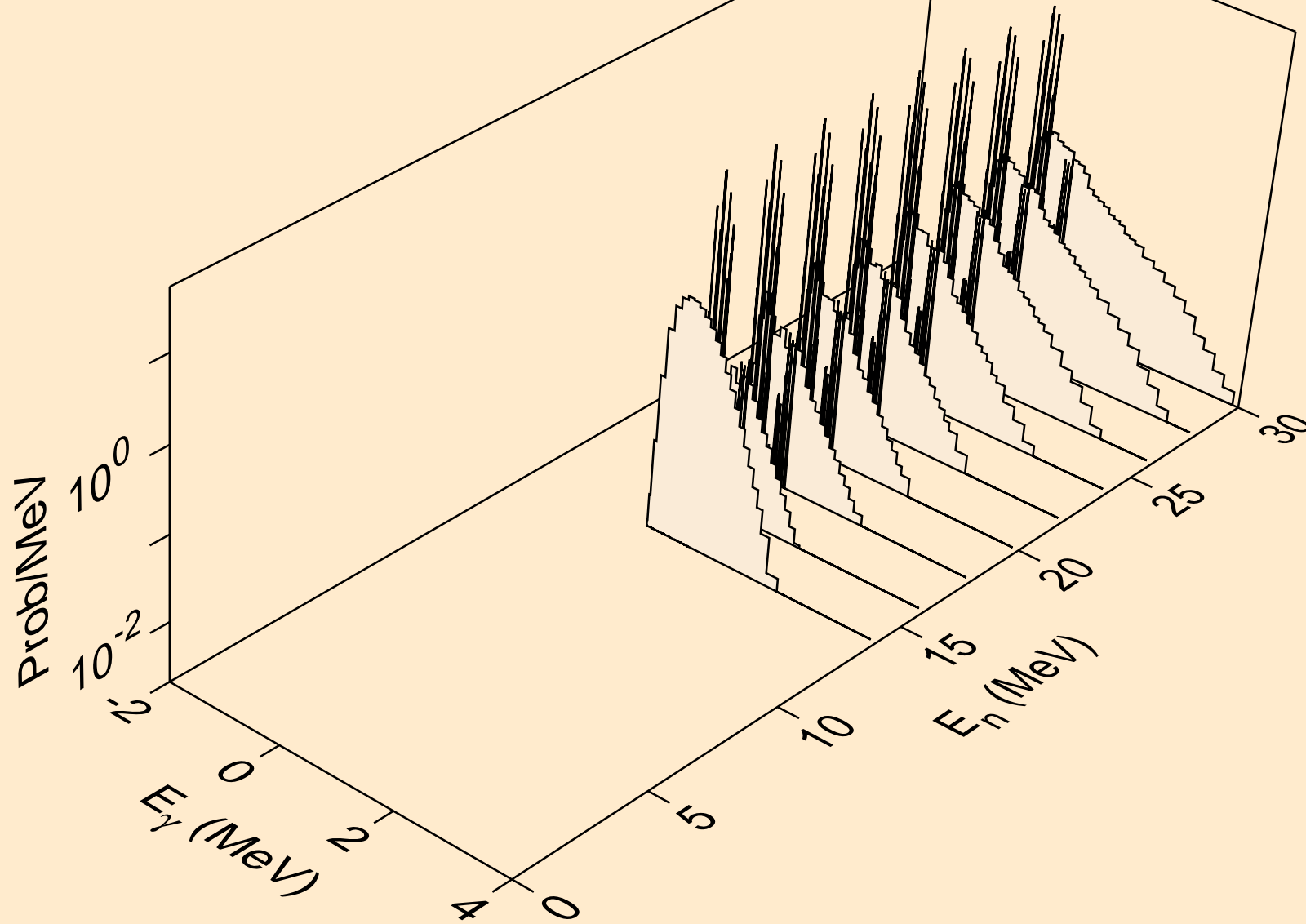
TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

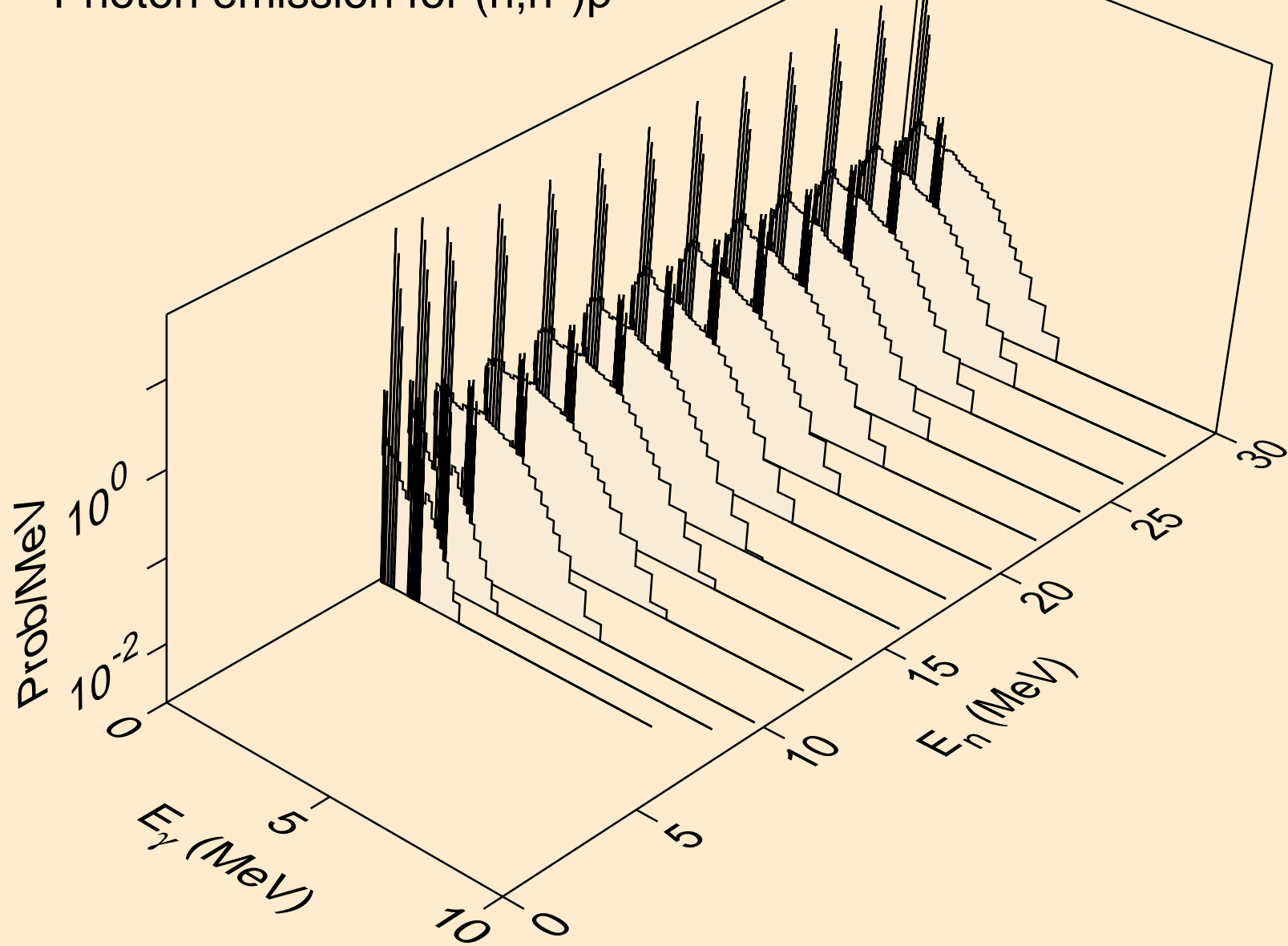


TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a

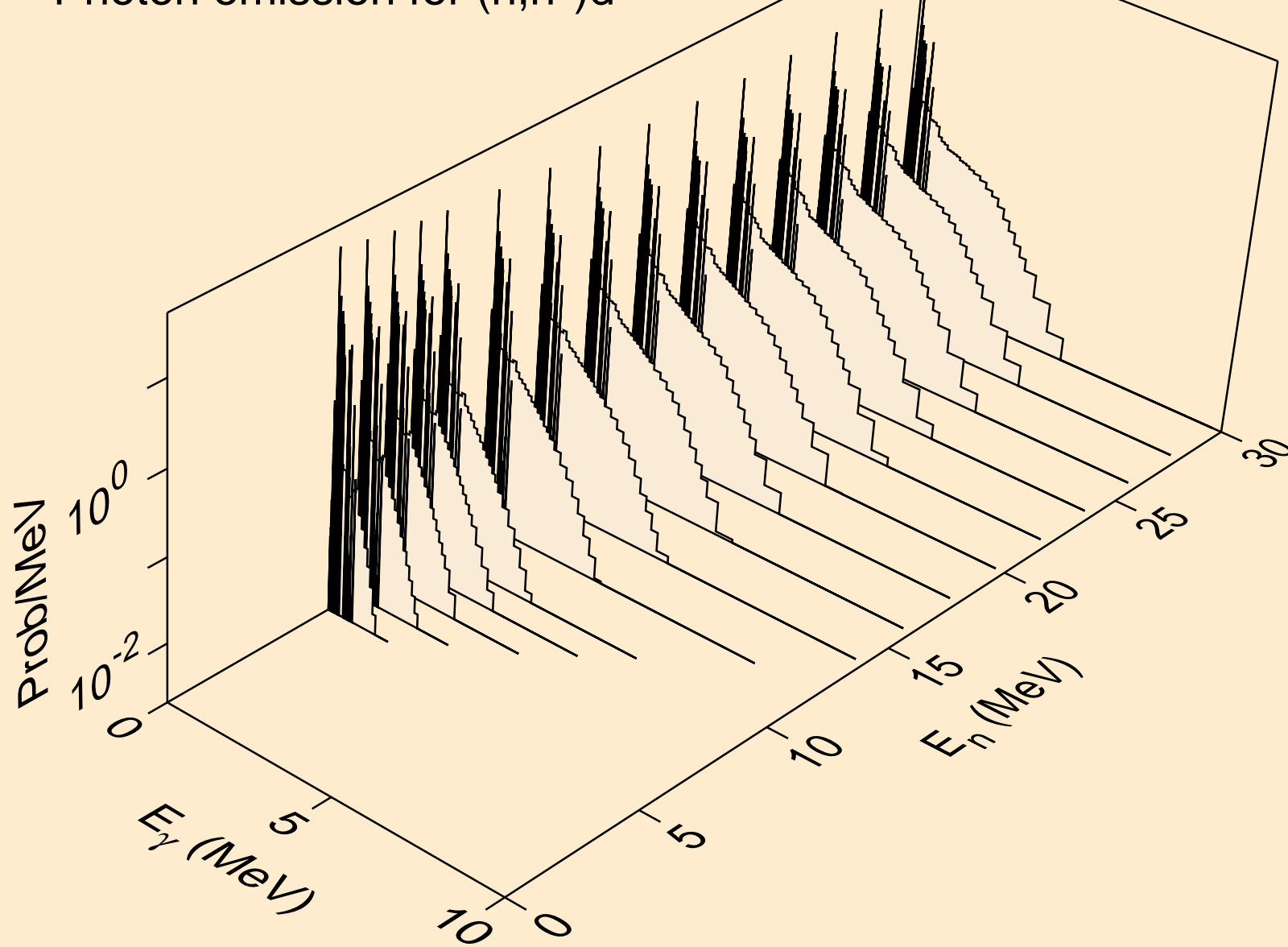




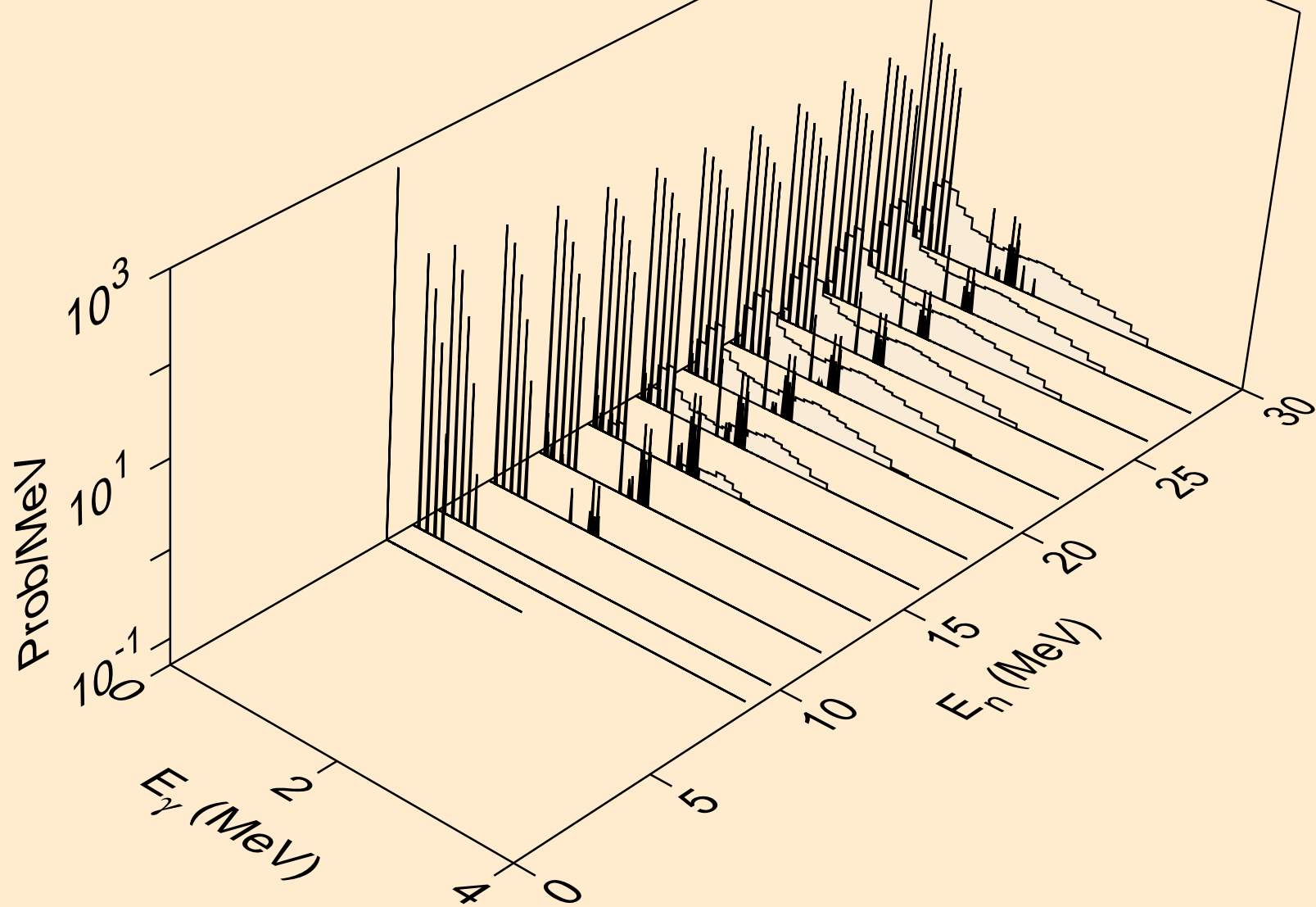
TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



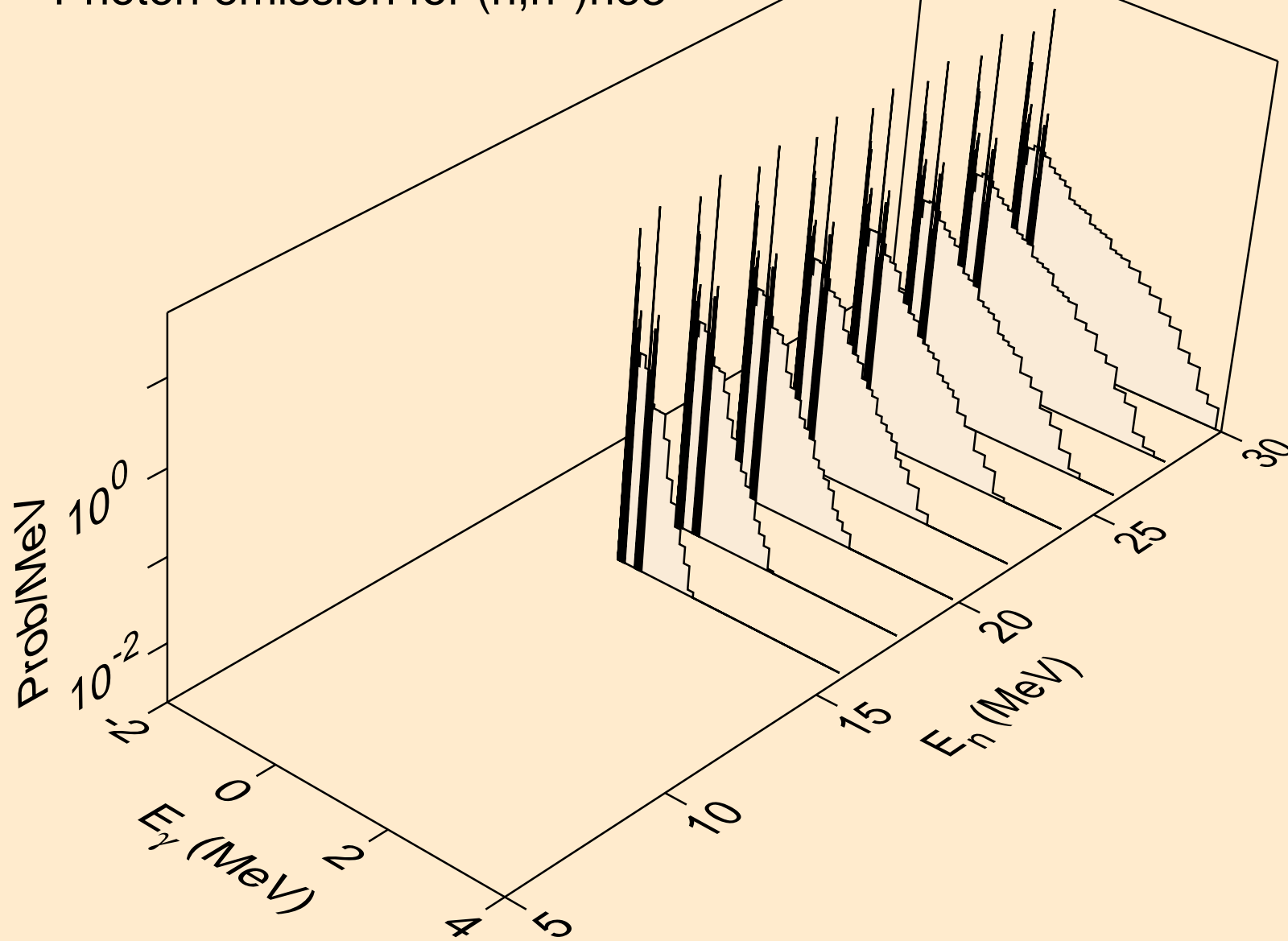
TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



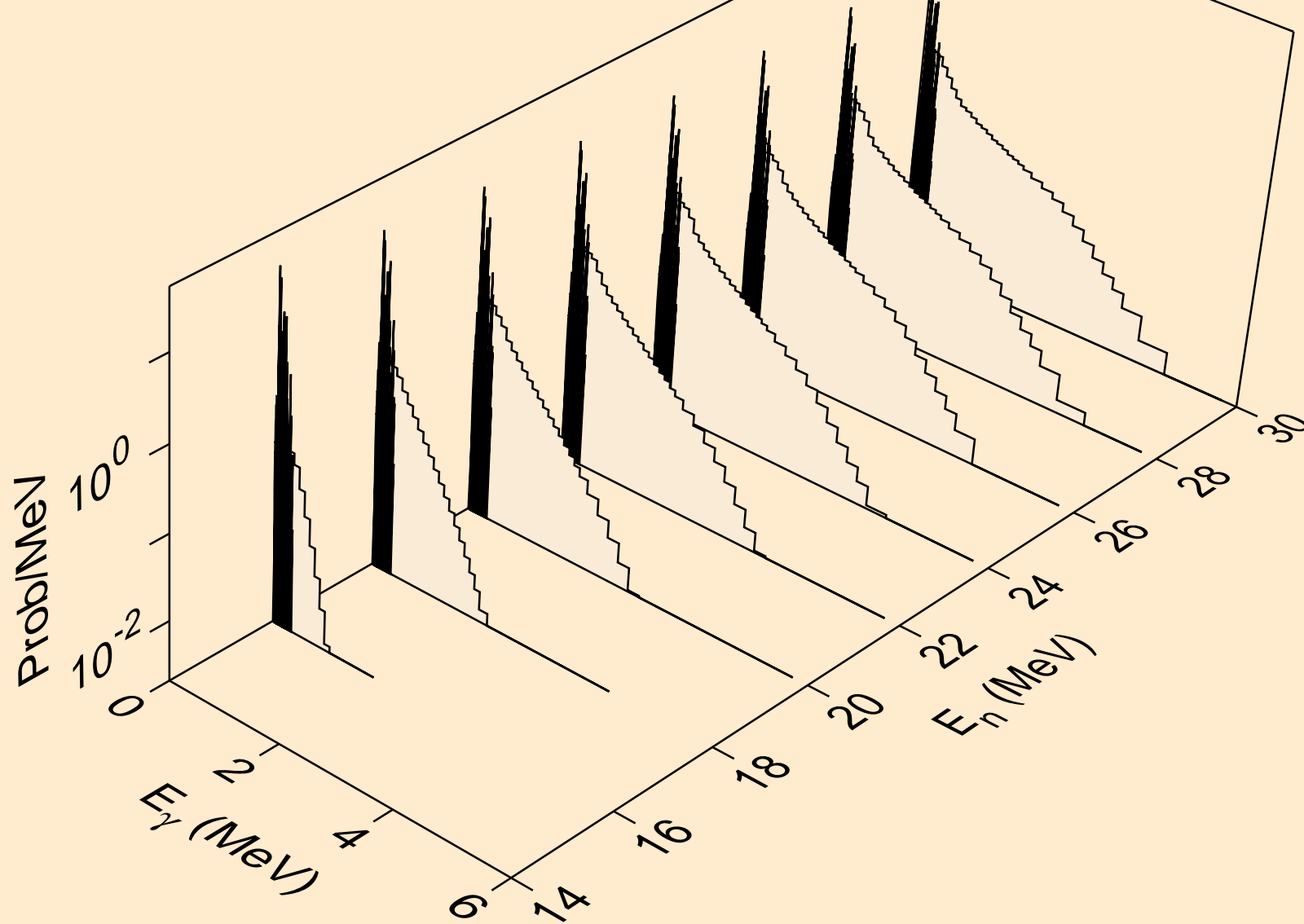
TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



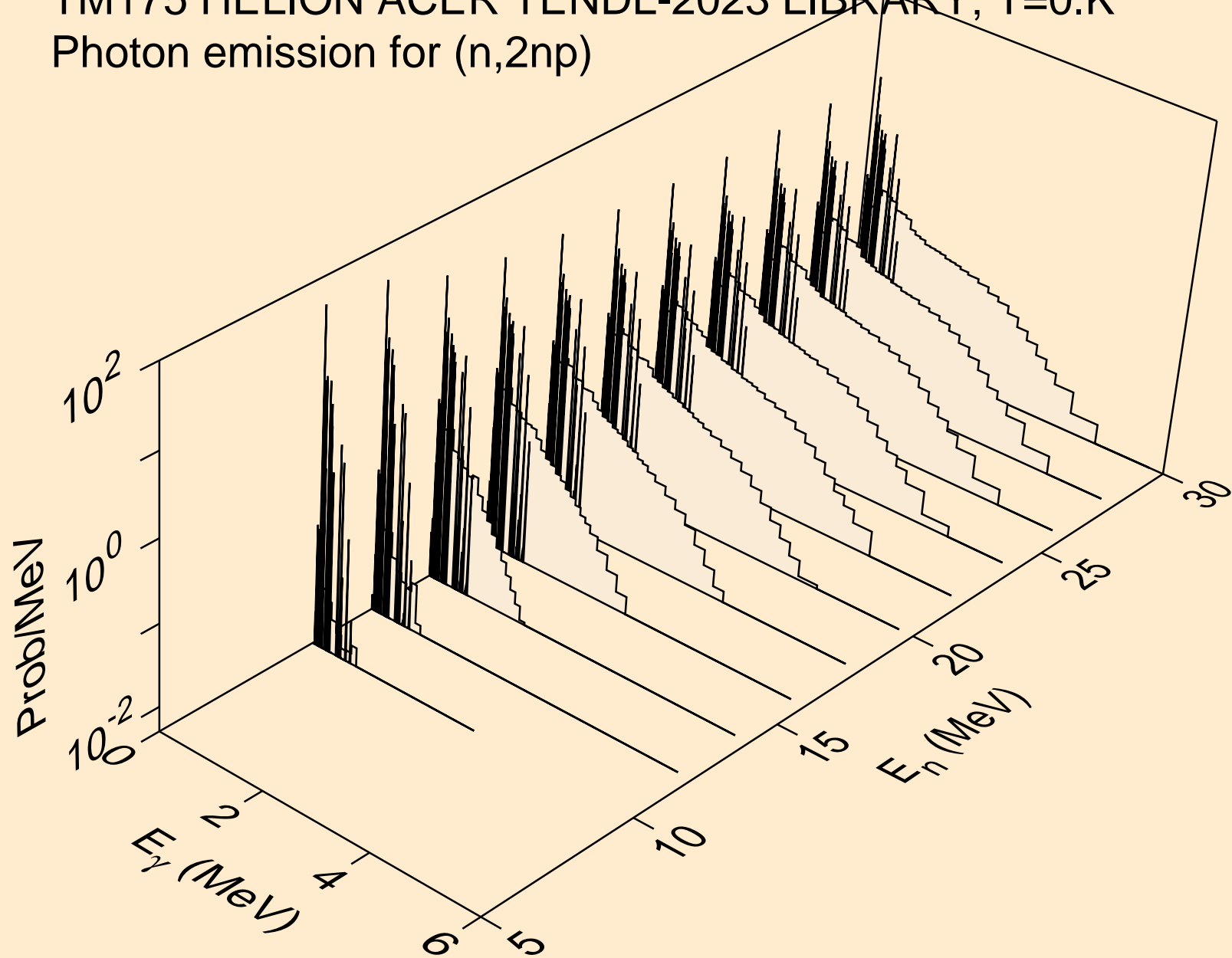
TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



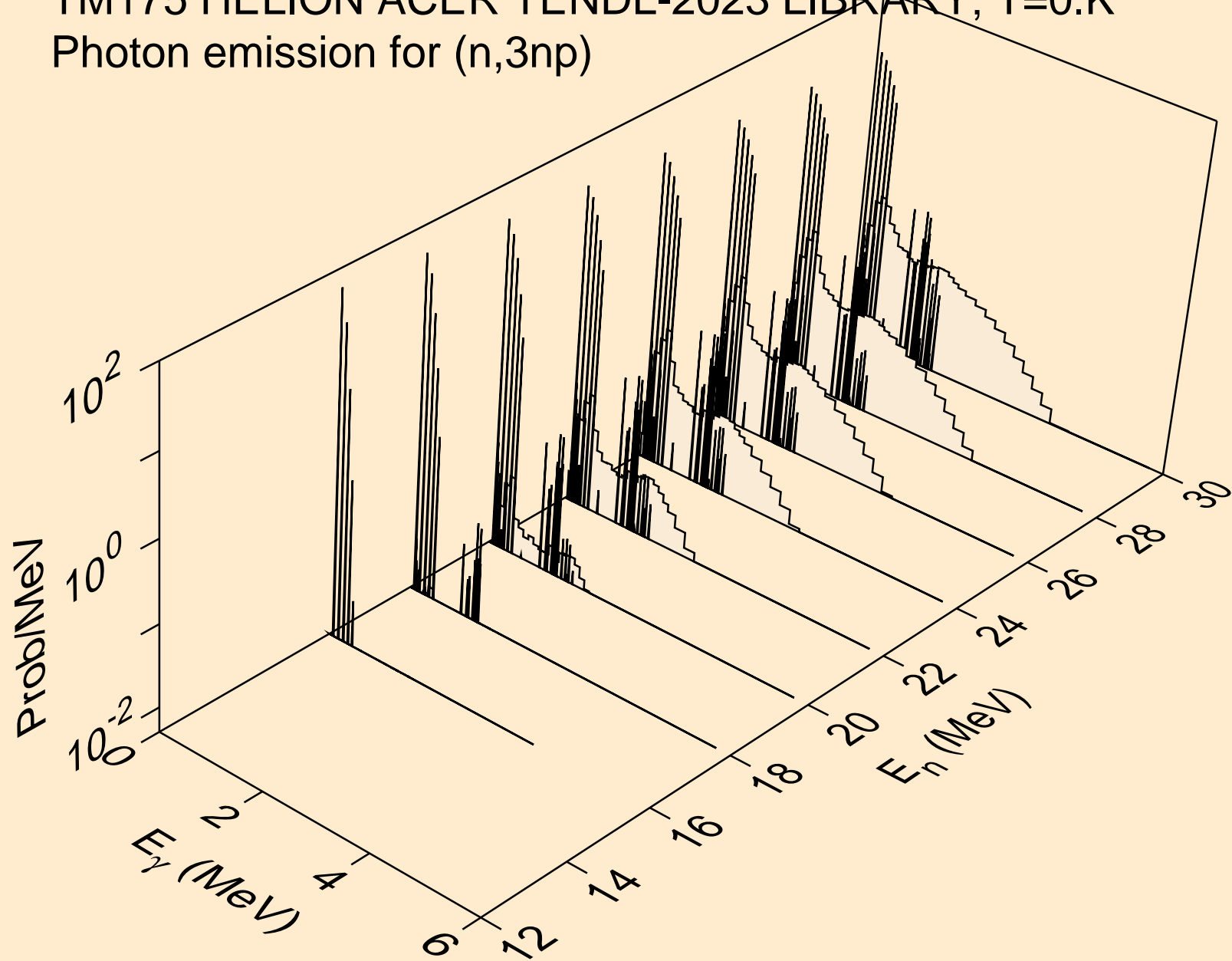
TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



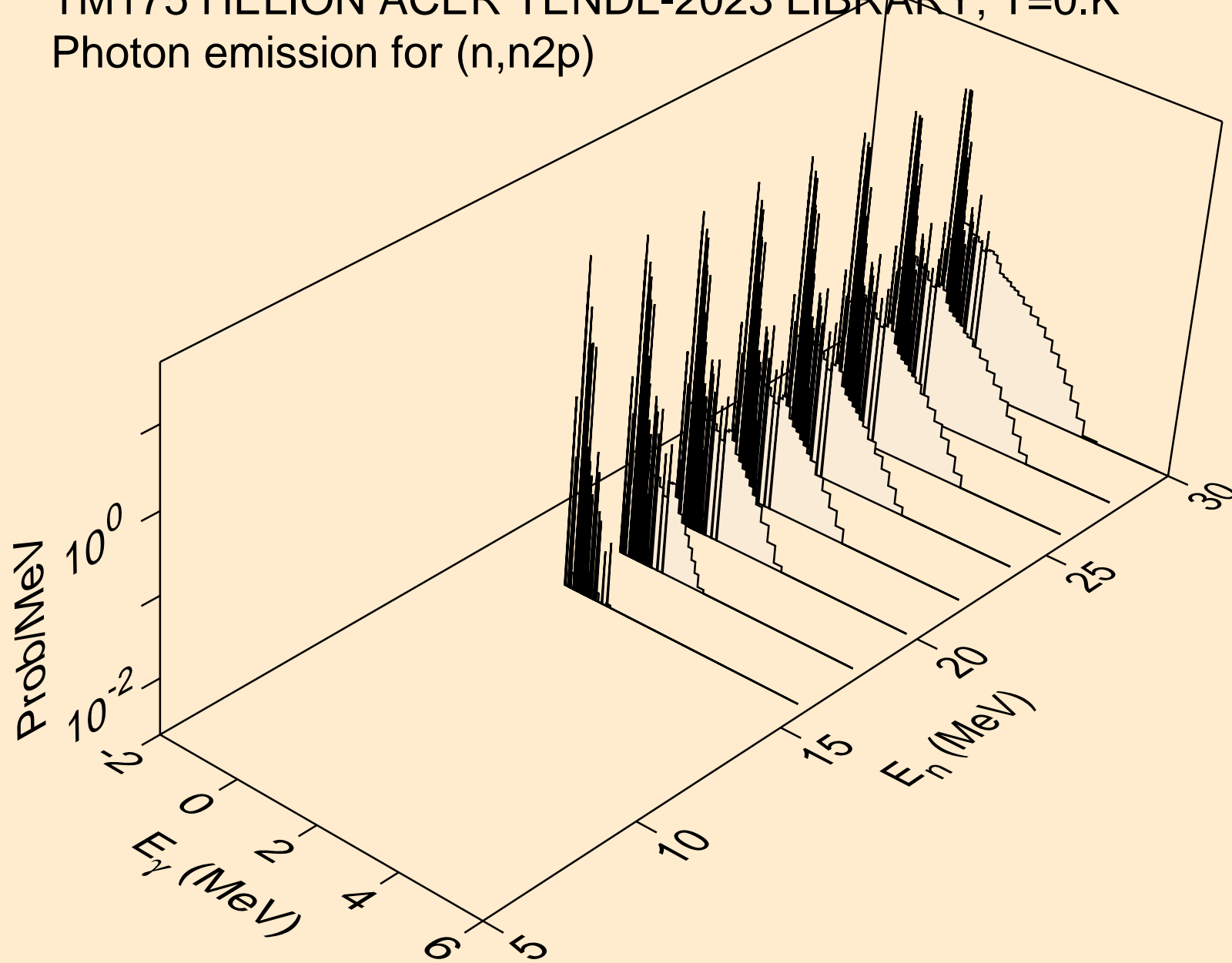
TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)

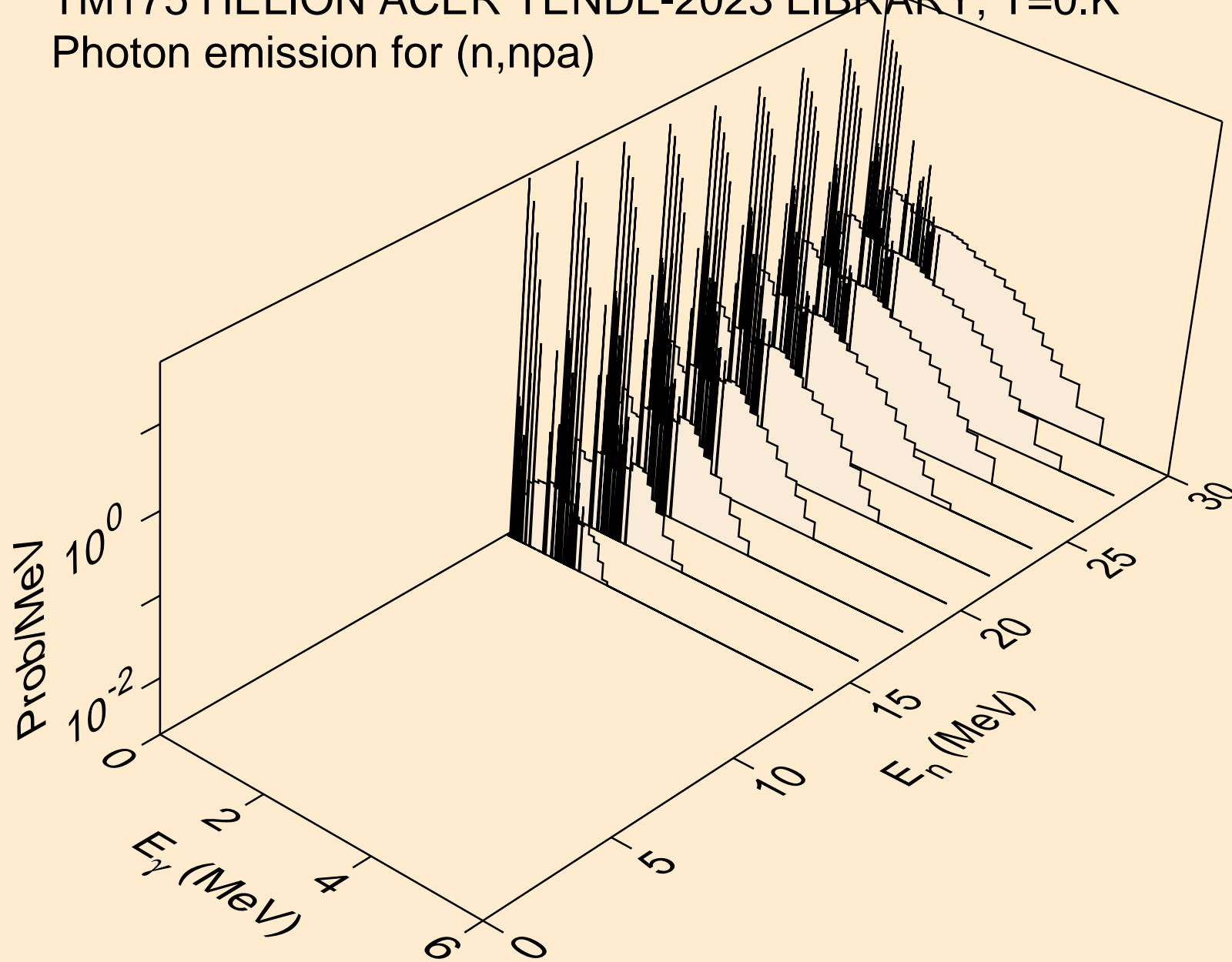


TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)

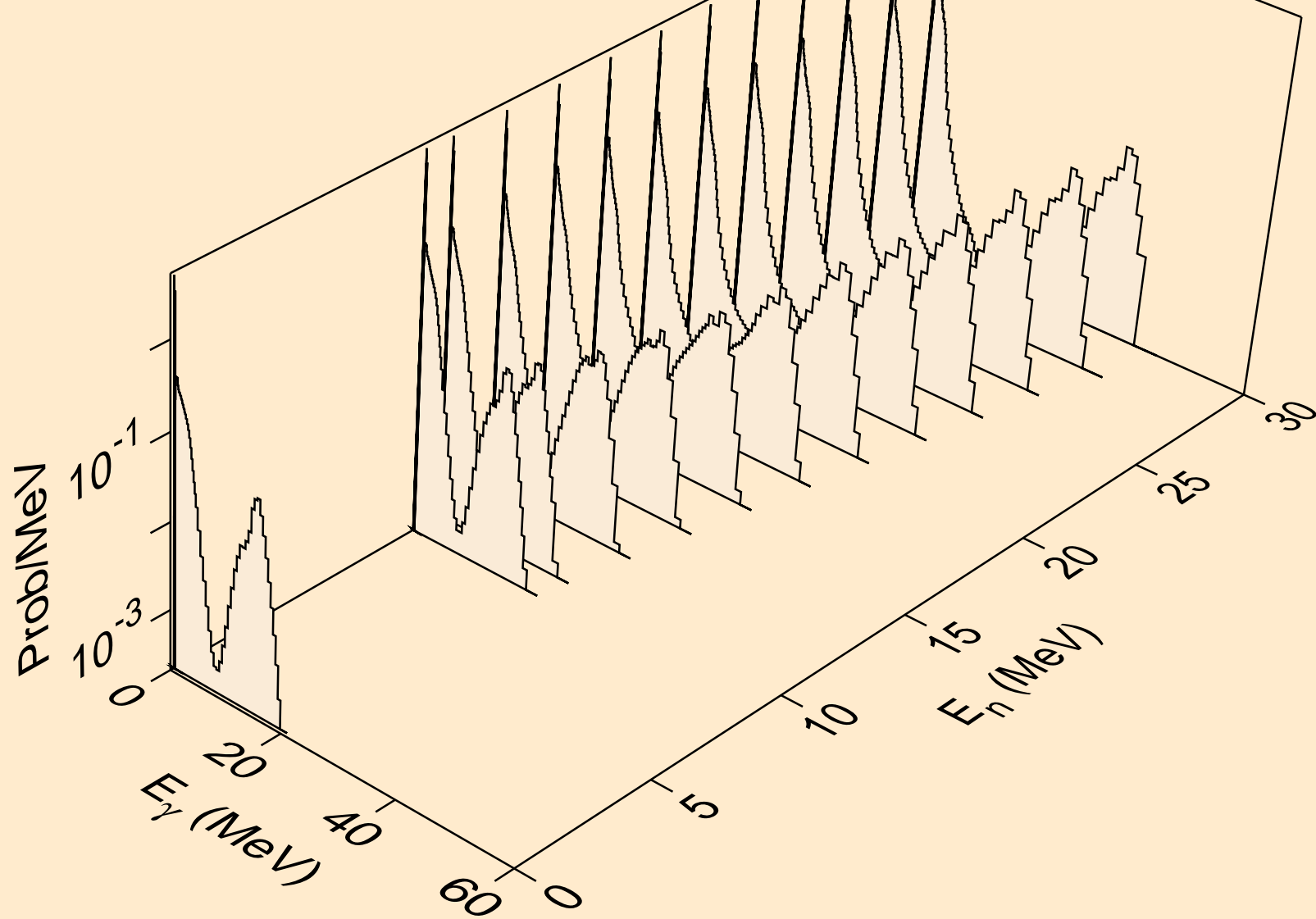




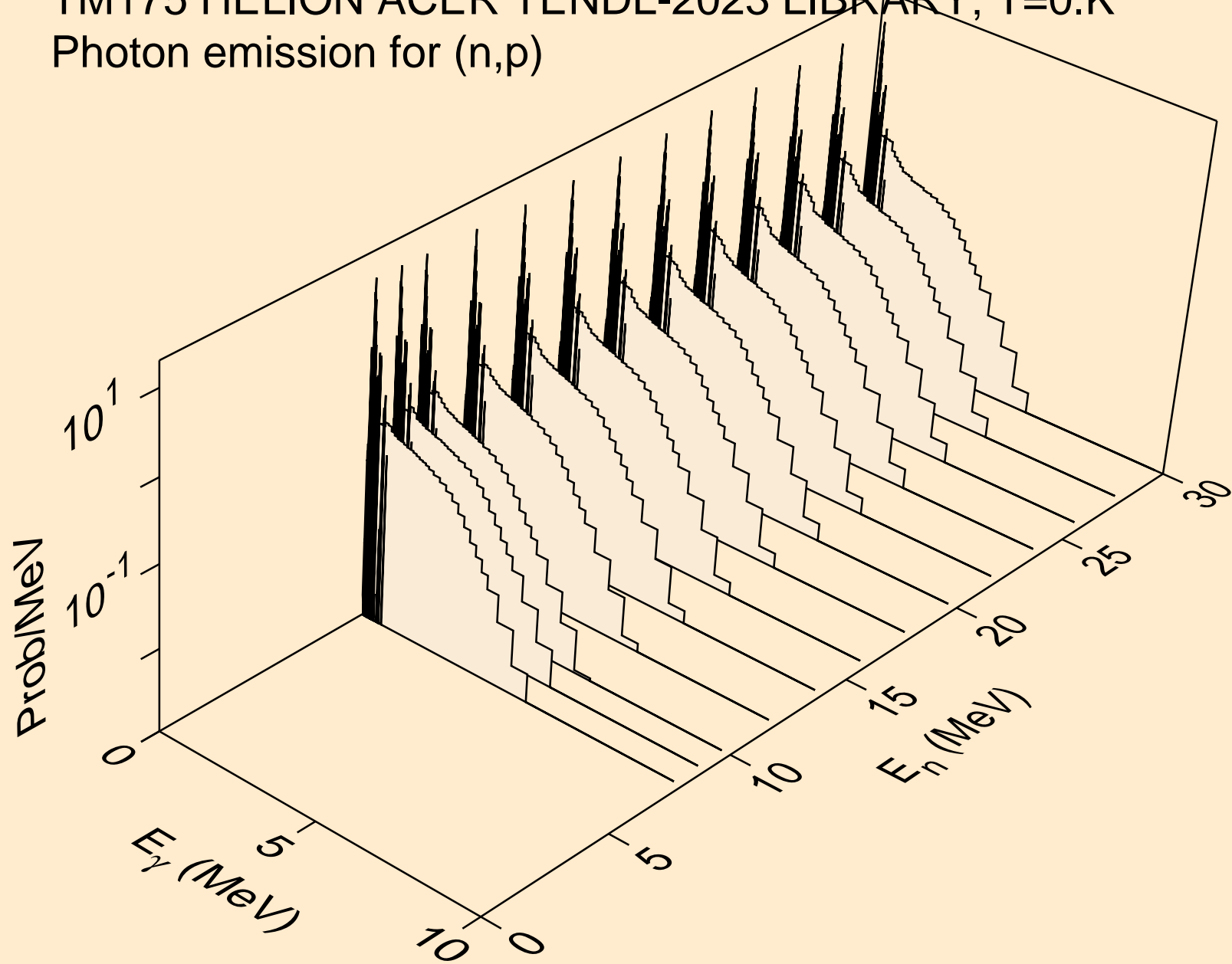
TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



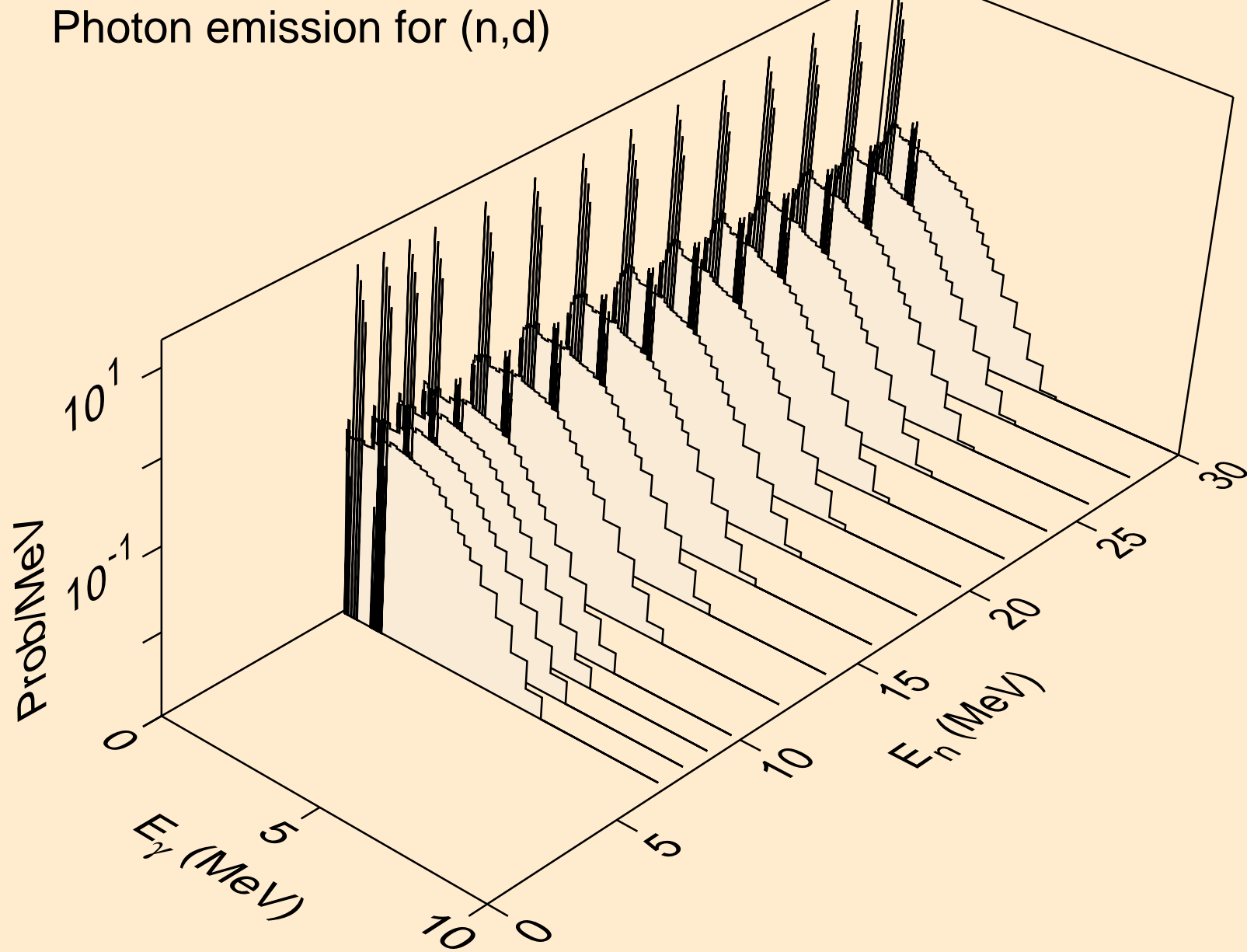
TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



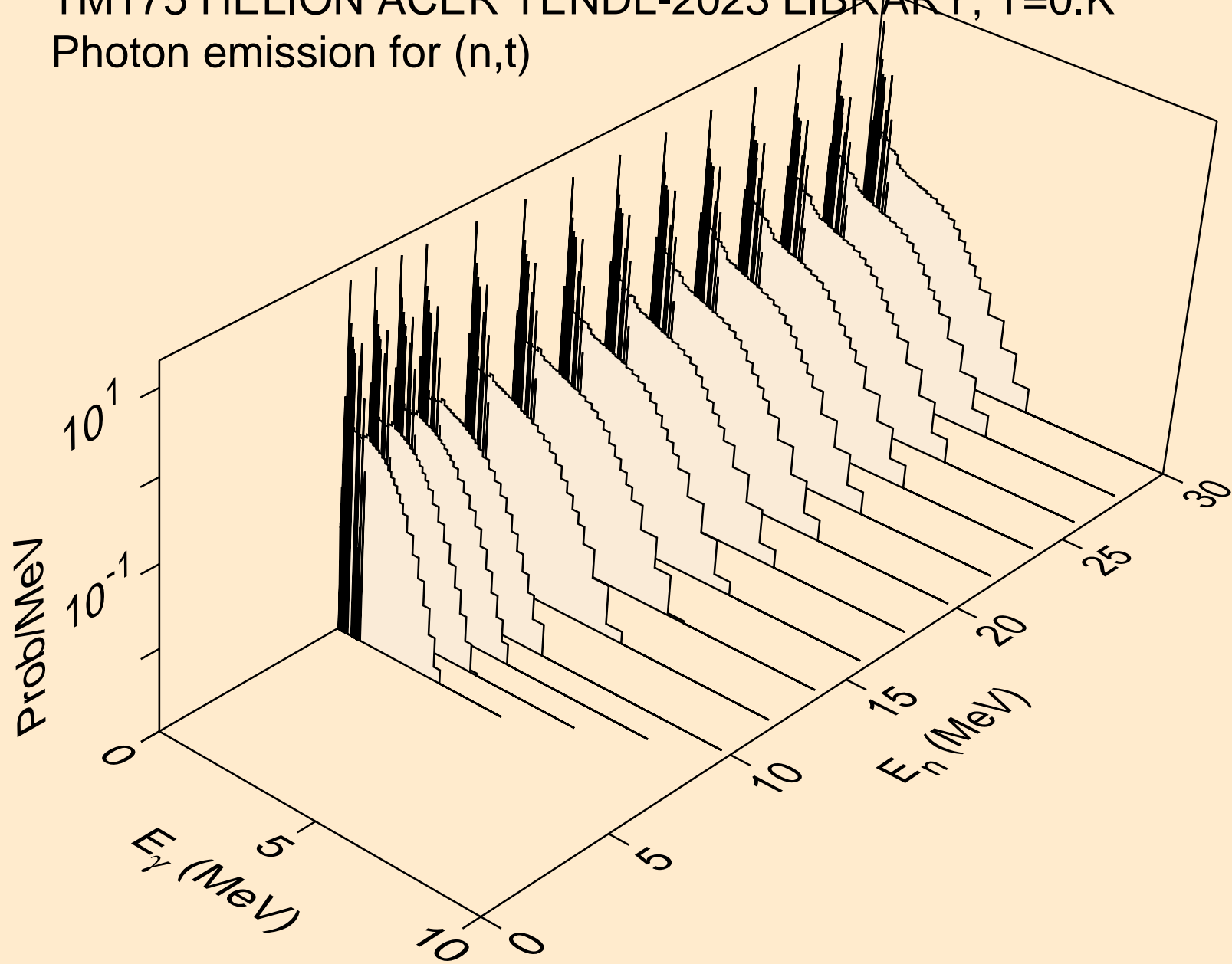
TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



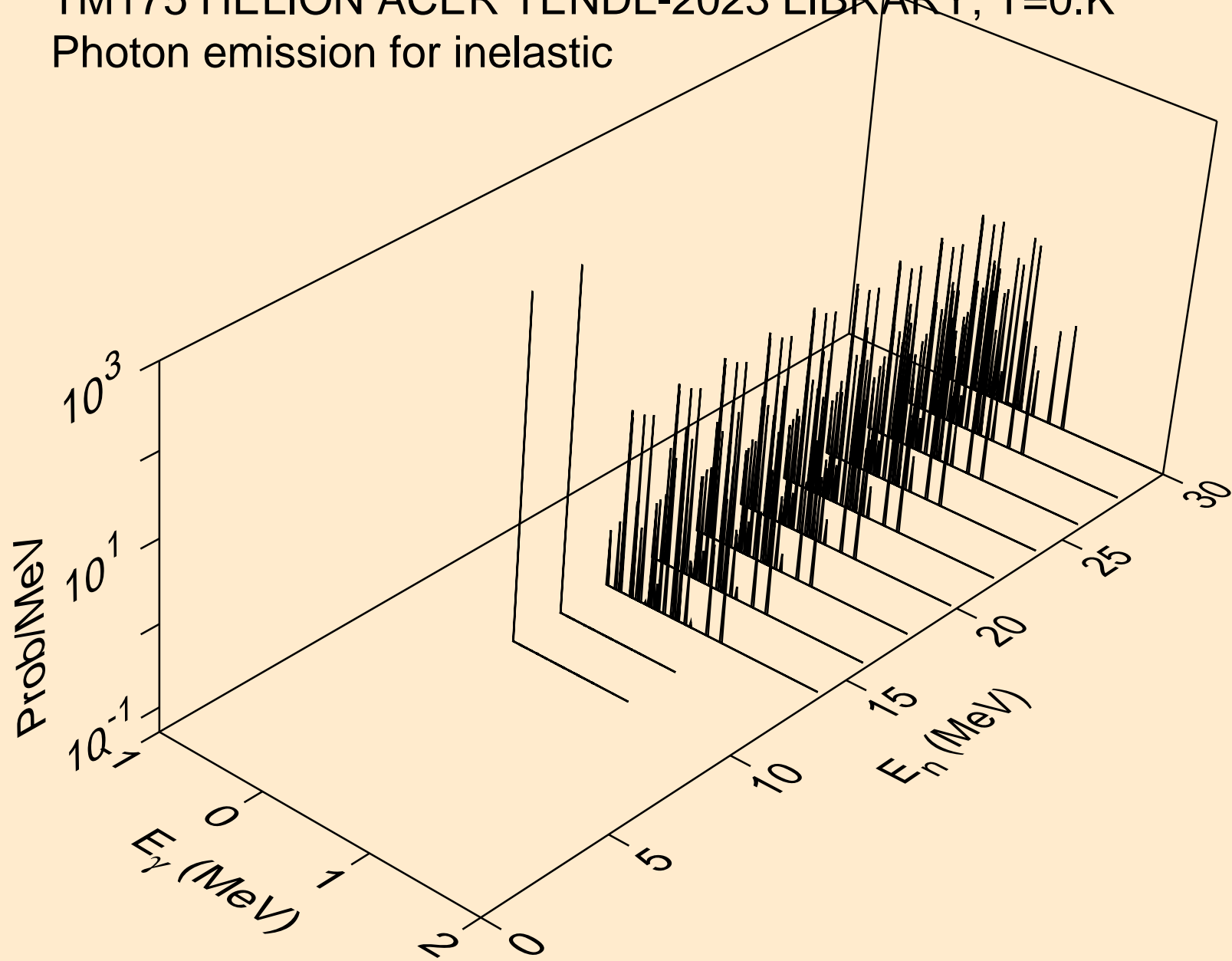
TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



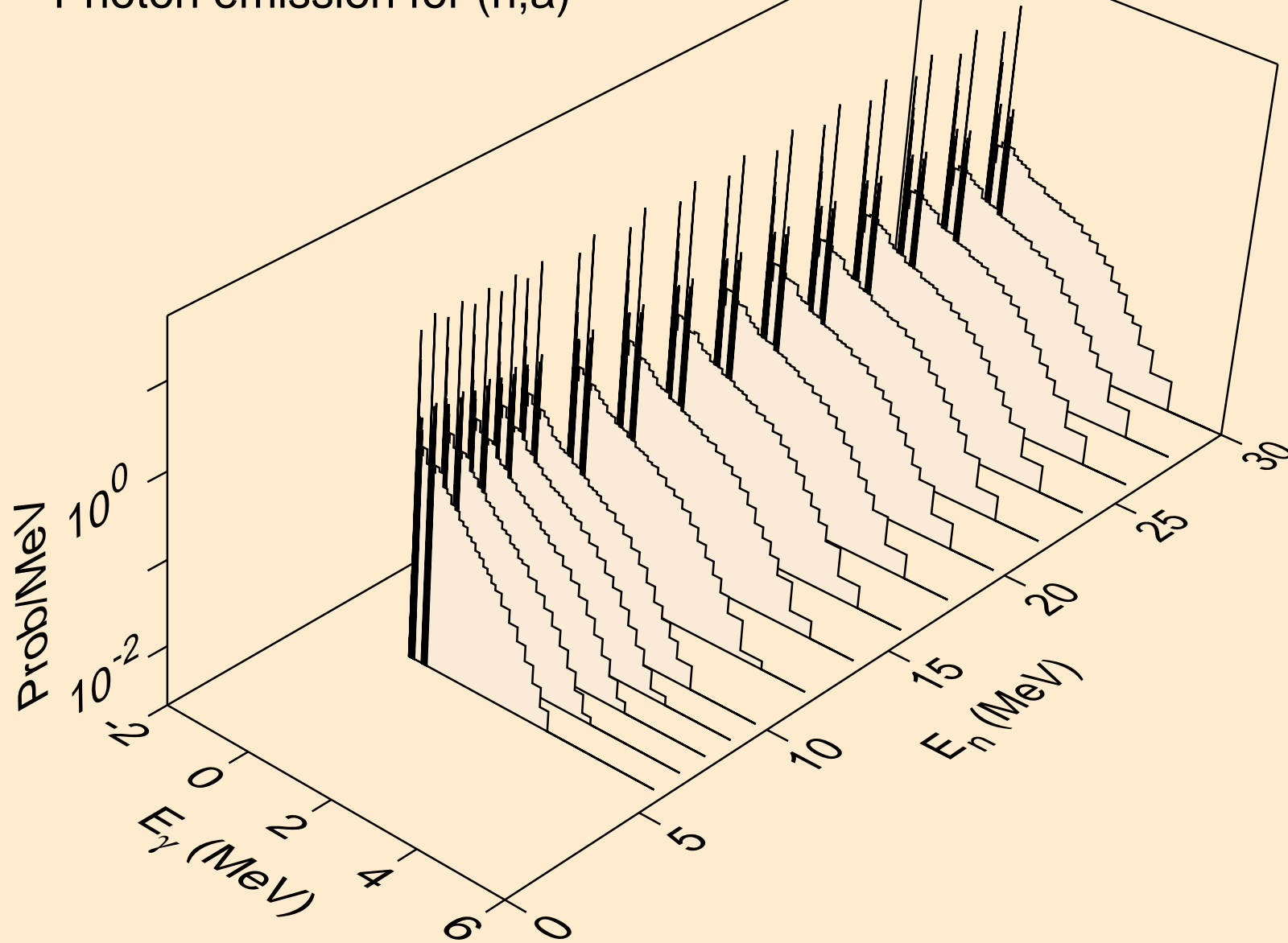
TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



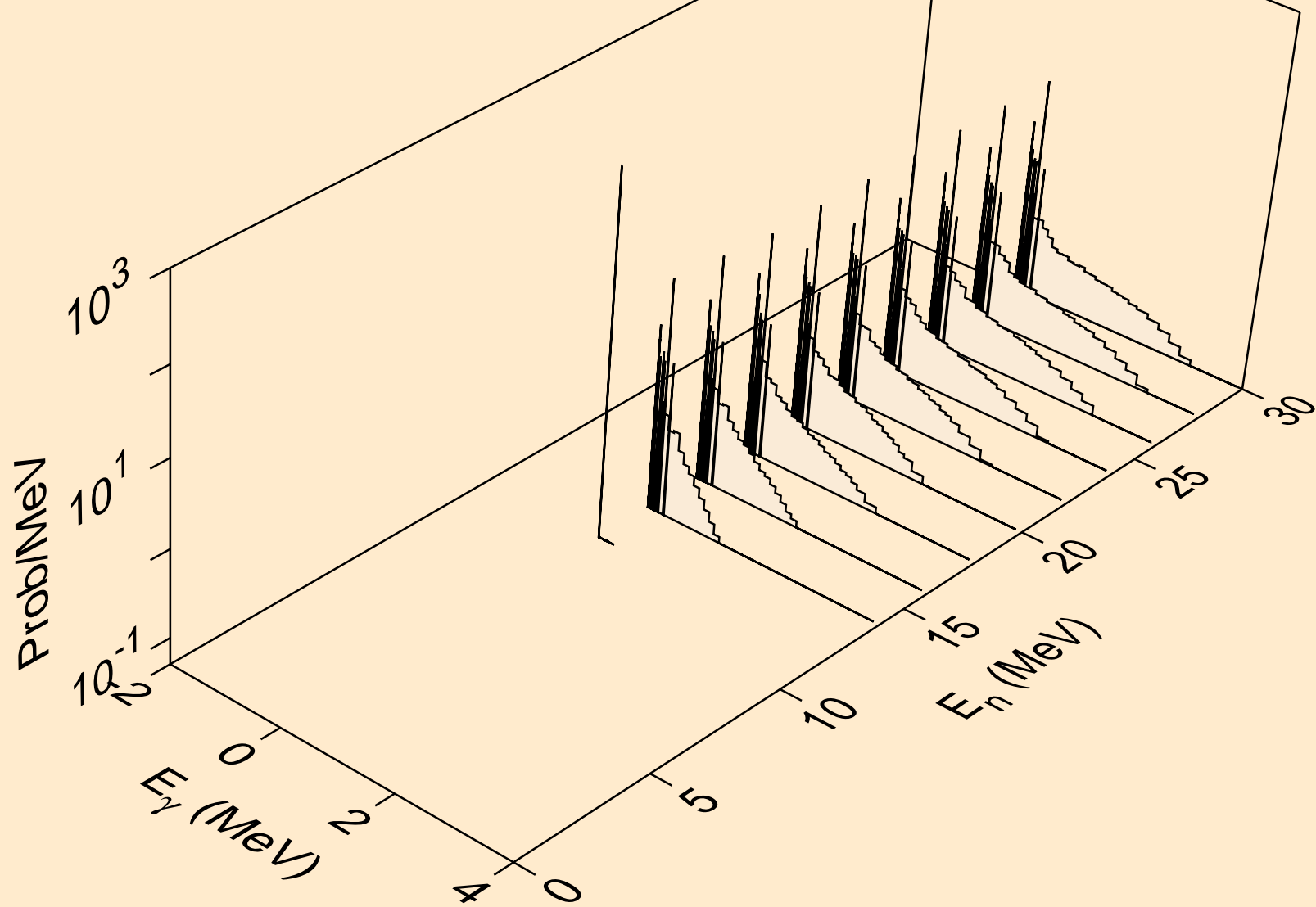
TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)

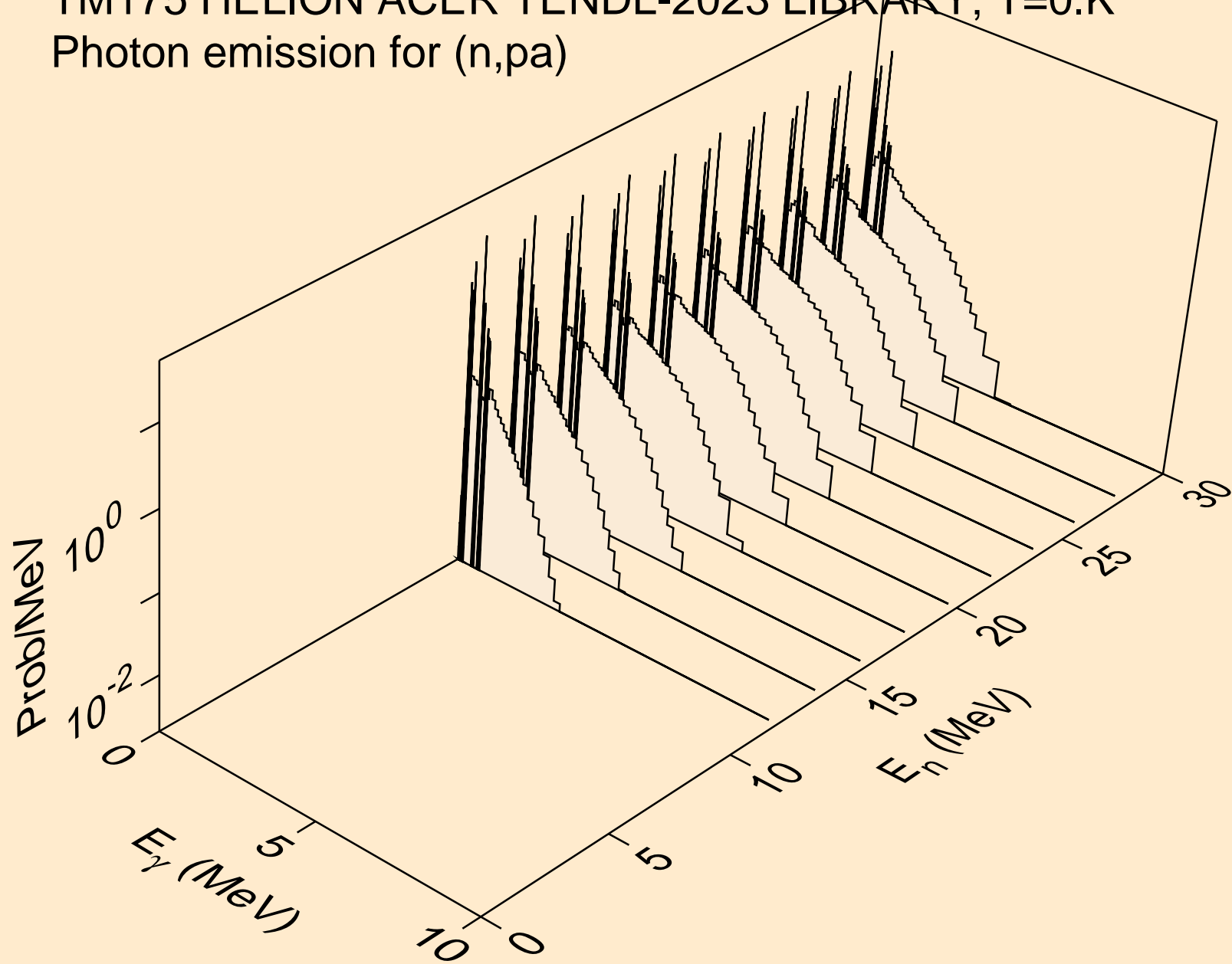


TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)

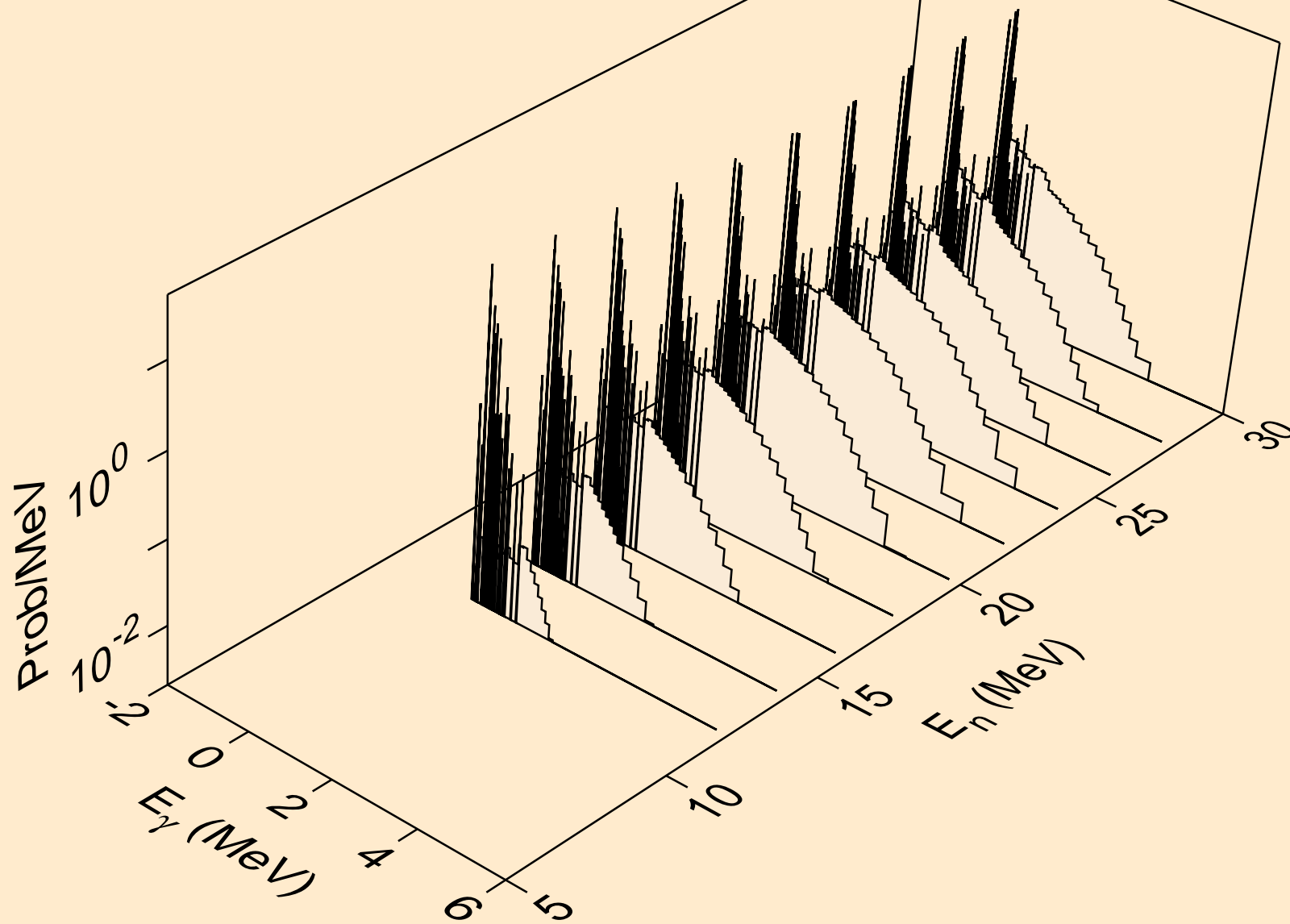




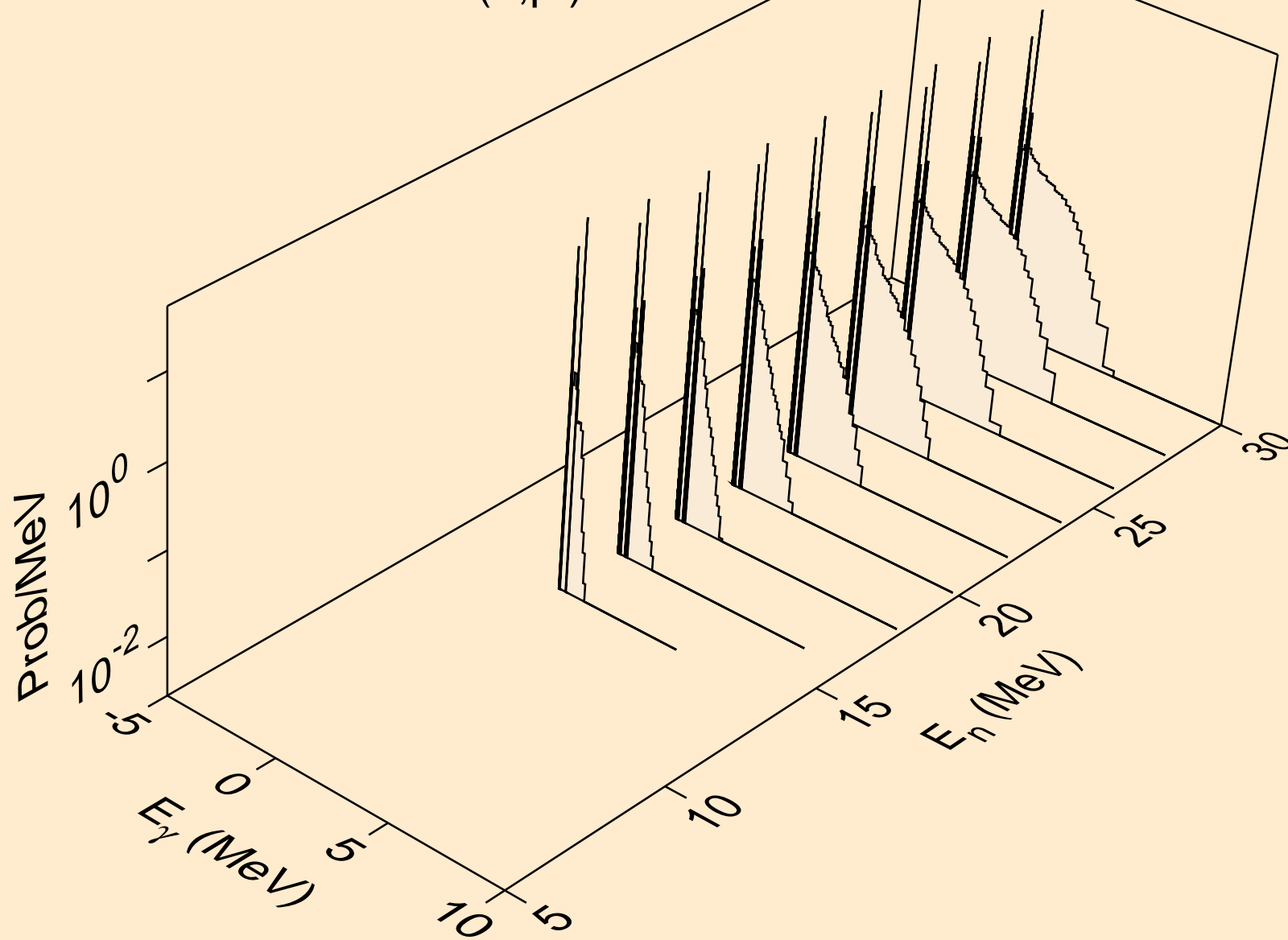
TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



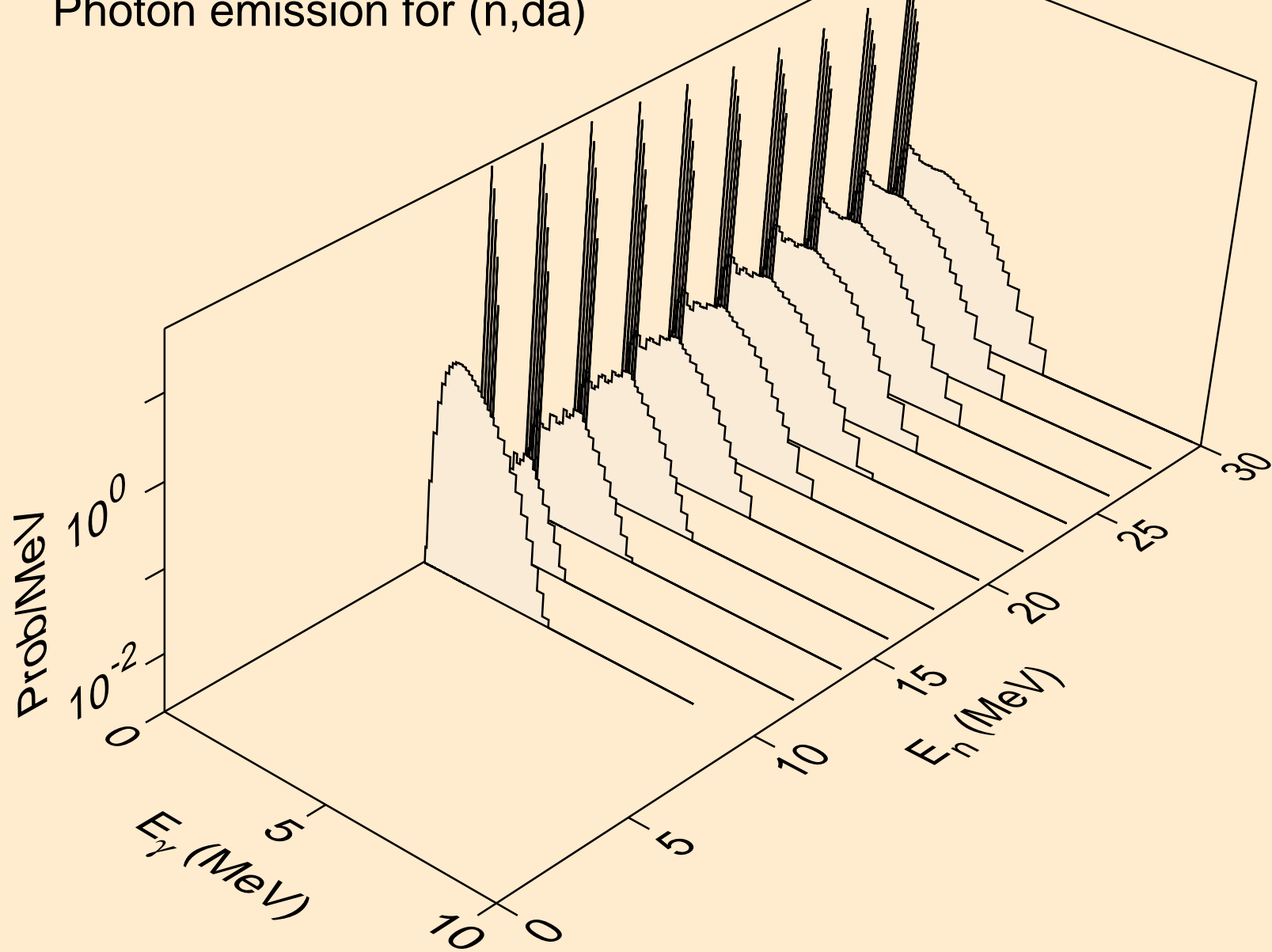
TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)

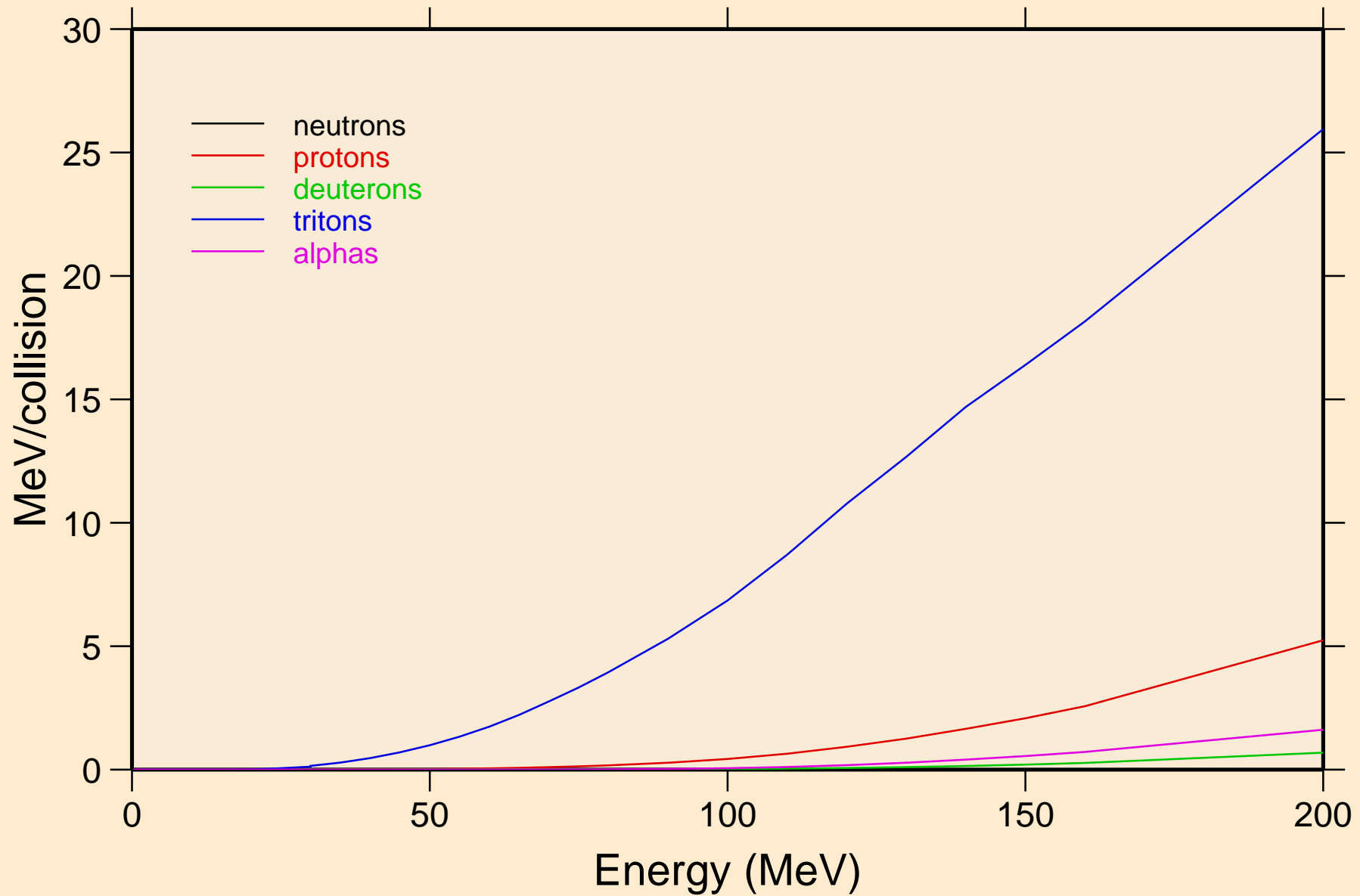


TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)

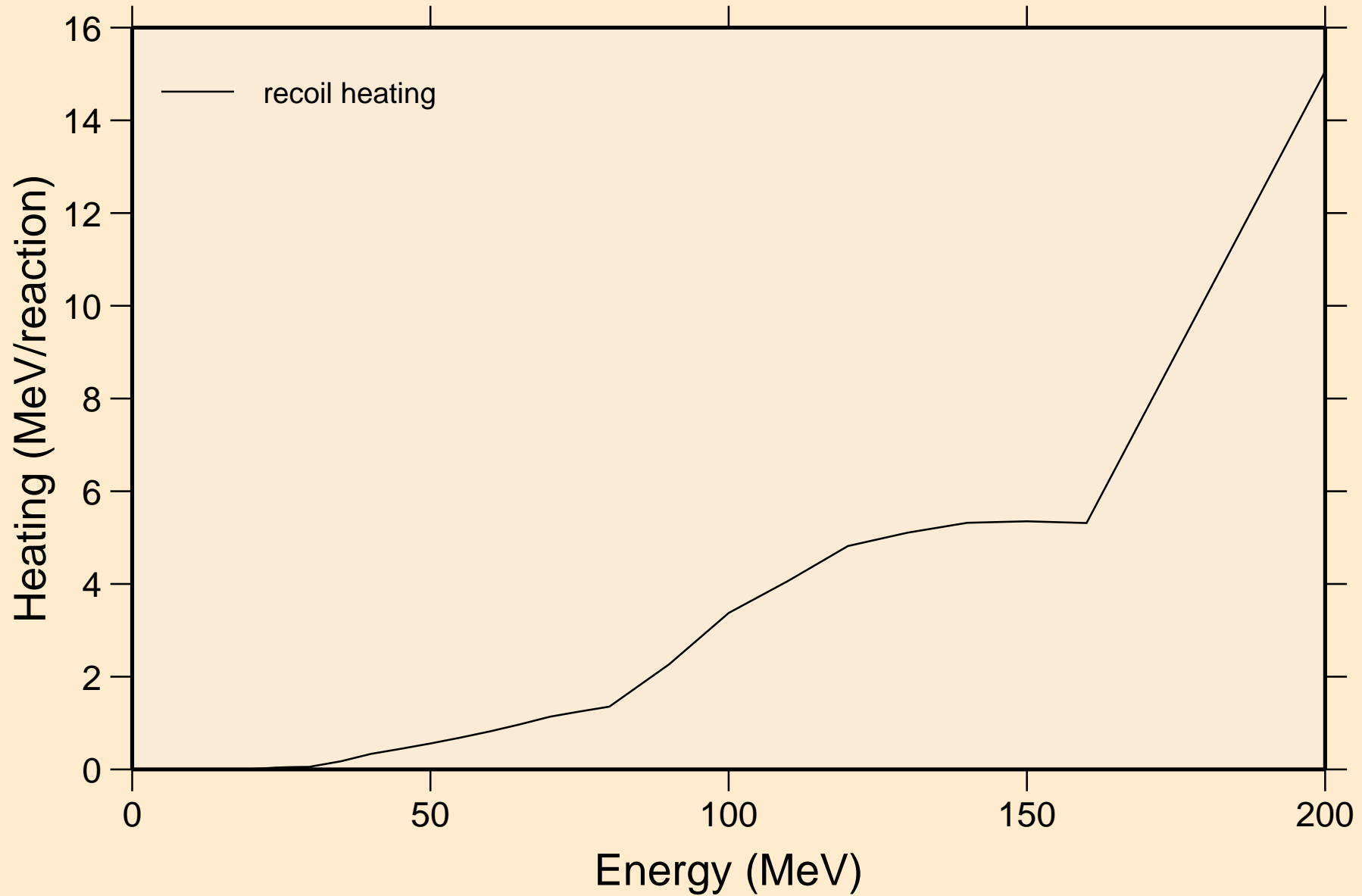


# TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K

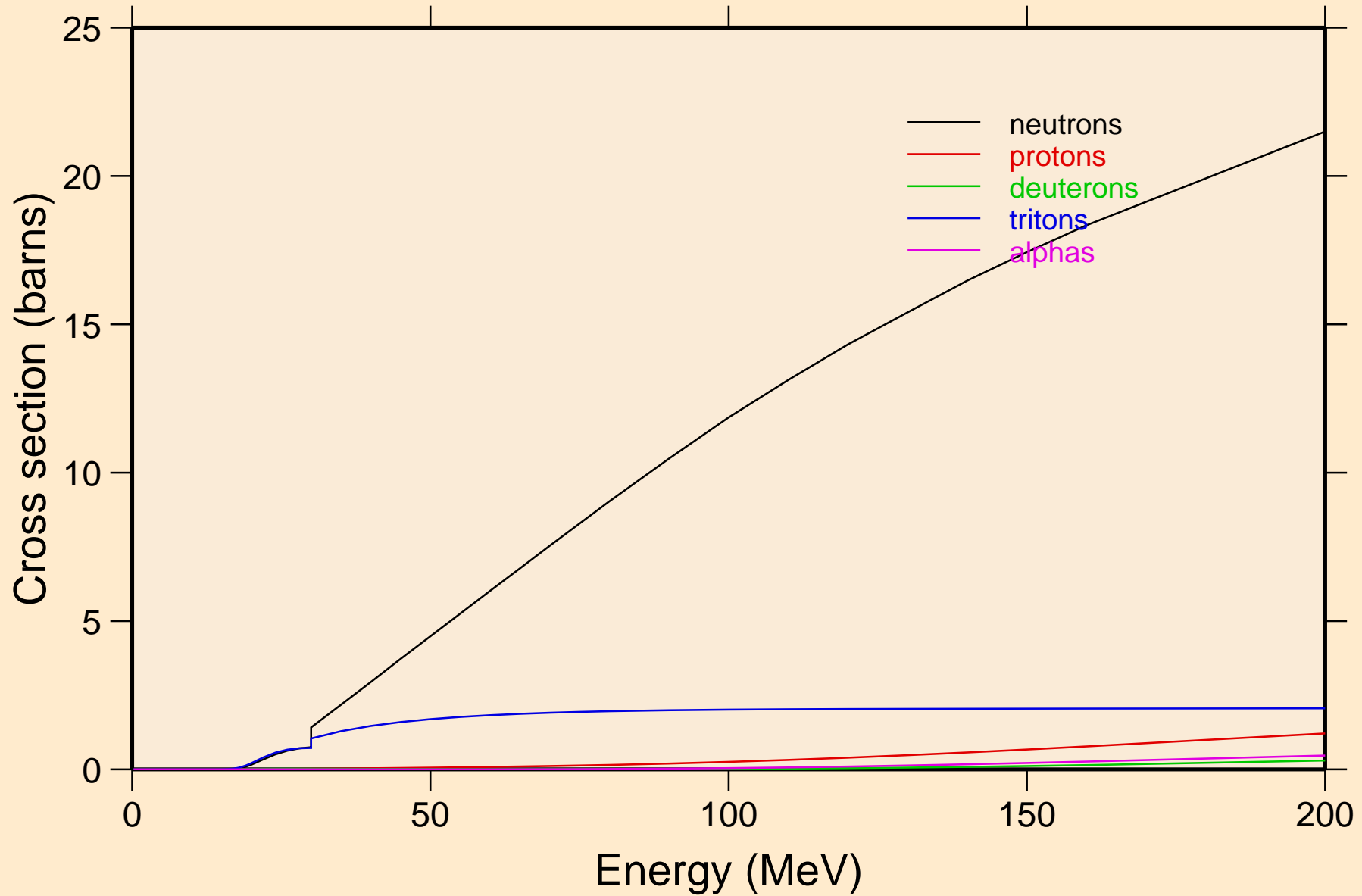
## Particle heating contributions



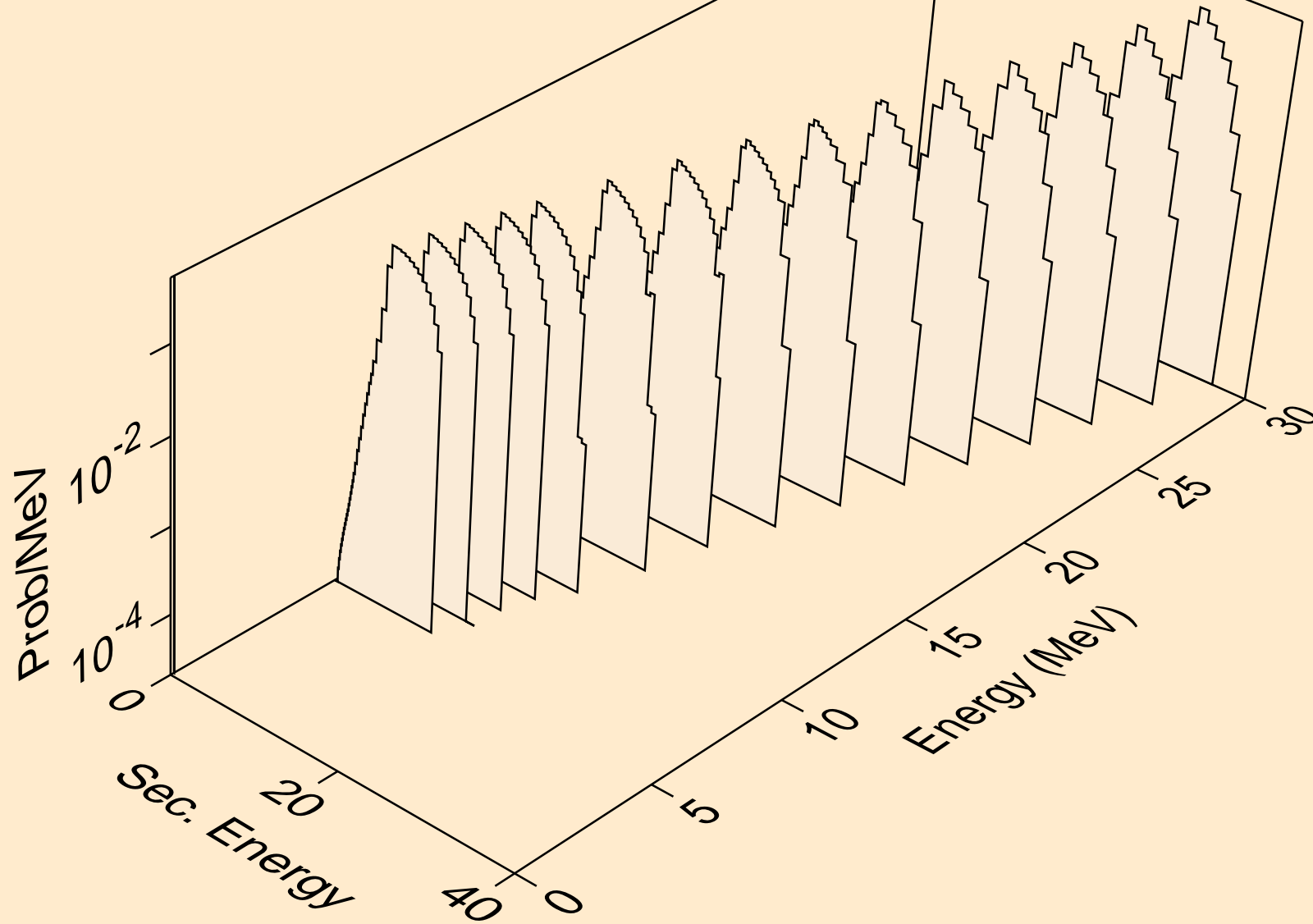
TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections

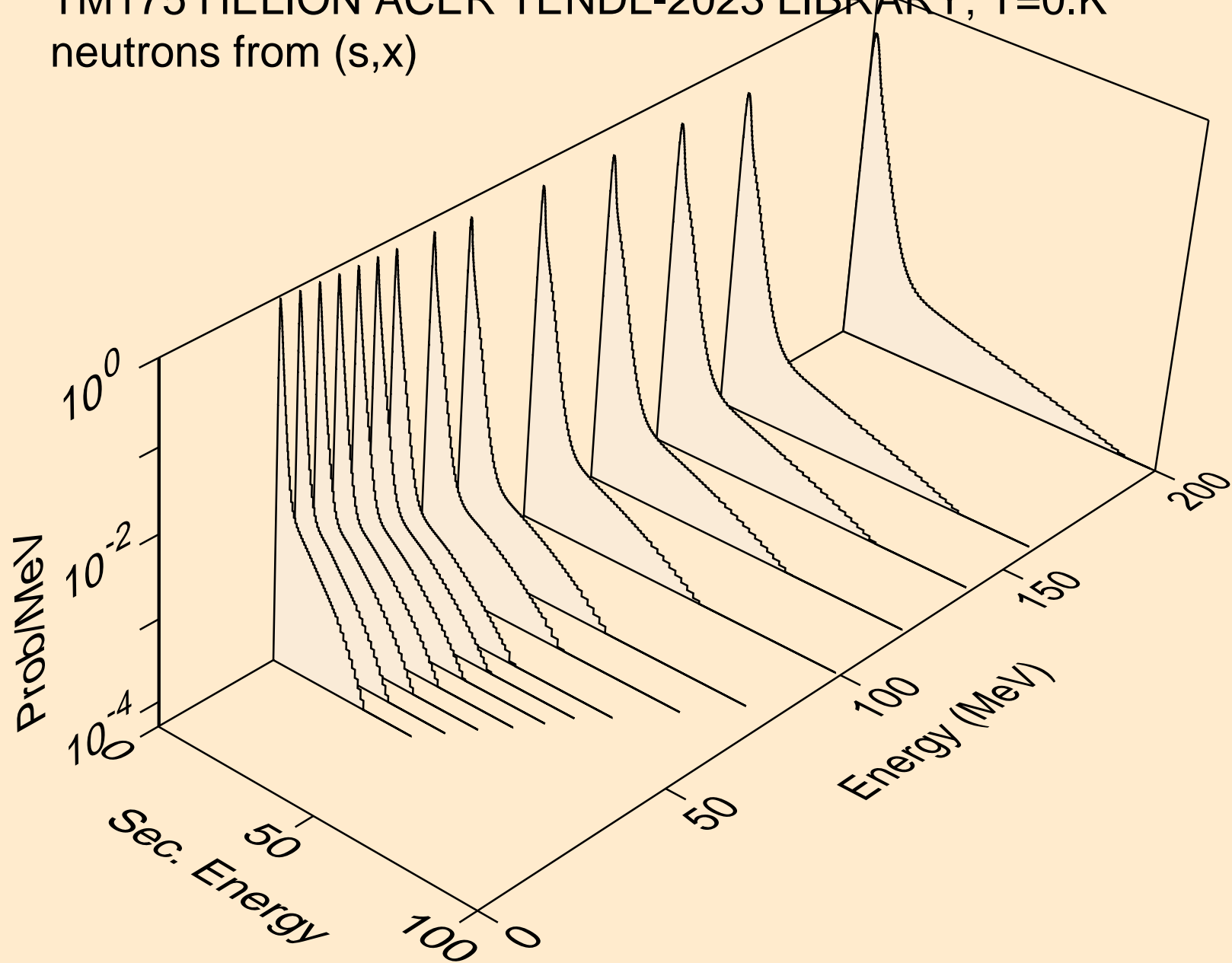


TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n)

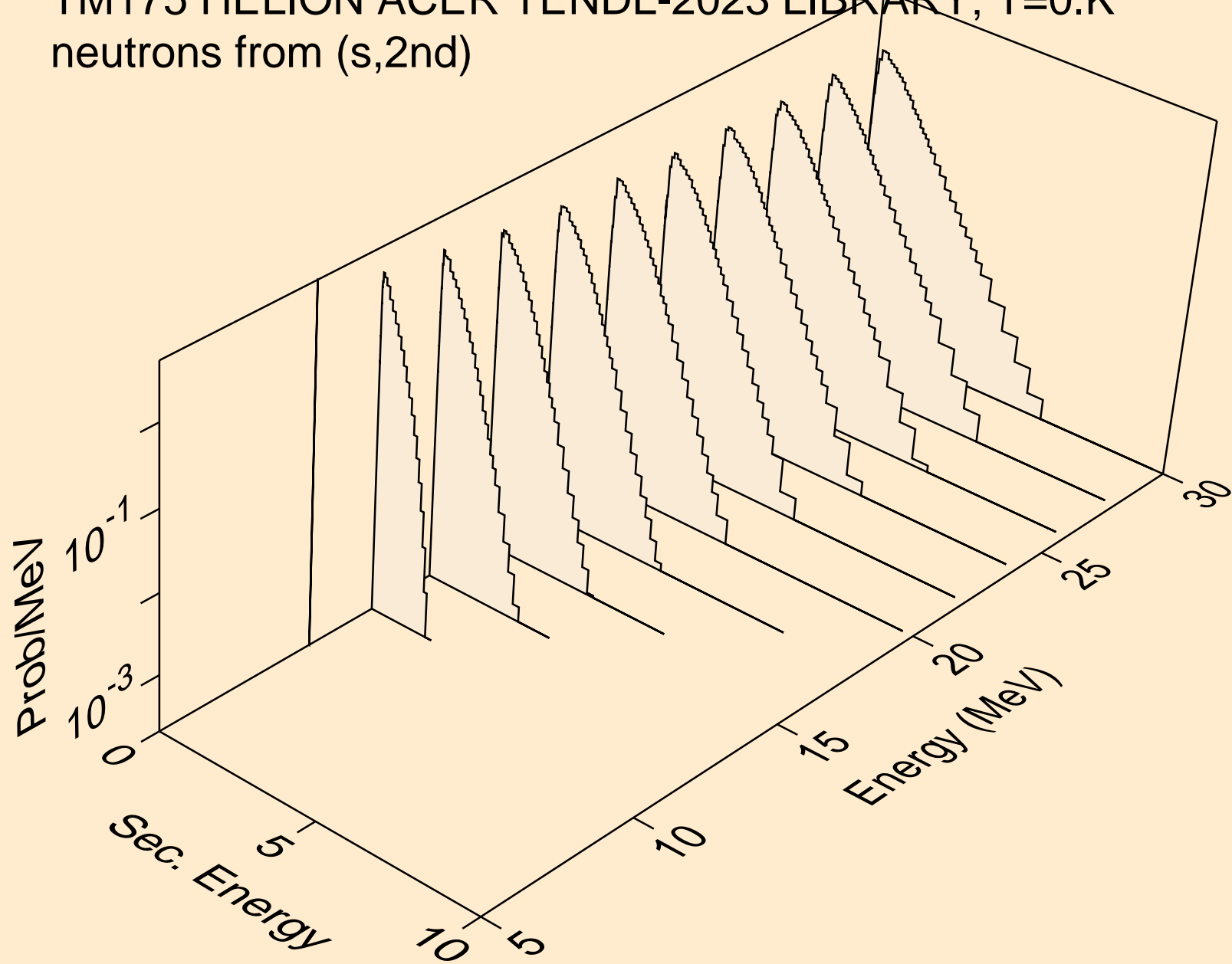




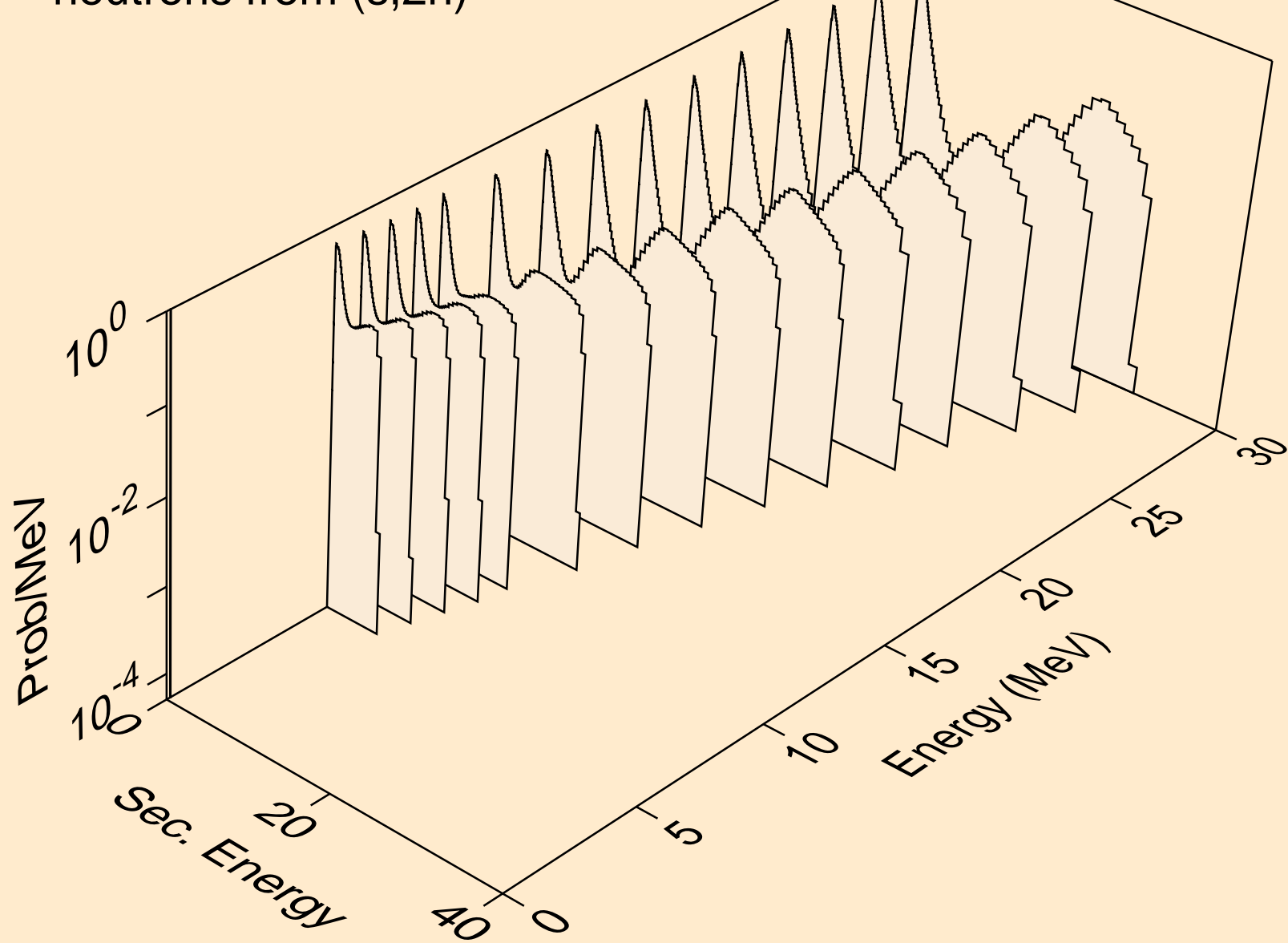
TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,x)



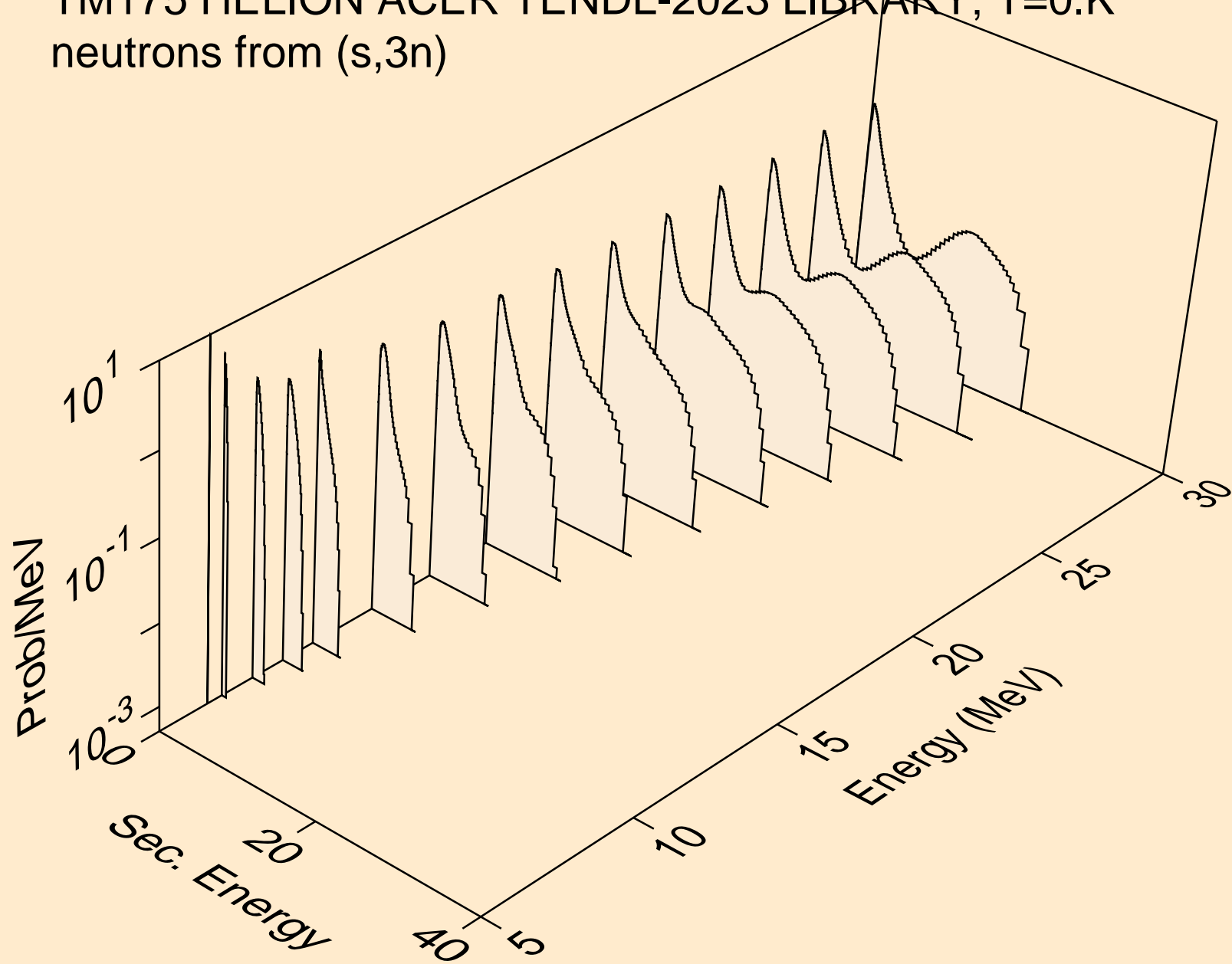
TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2nd)



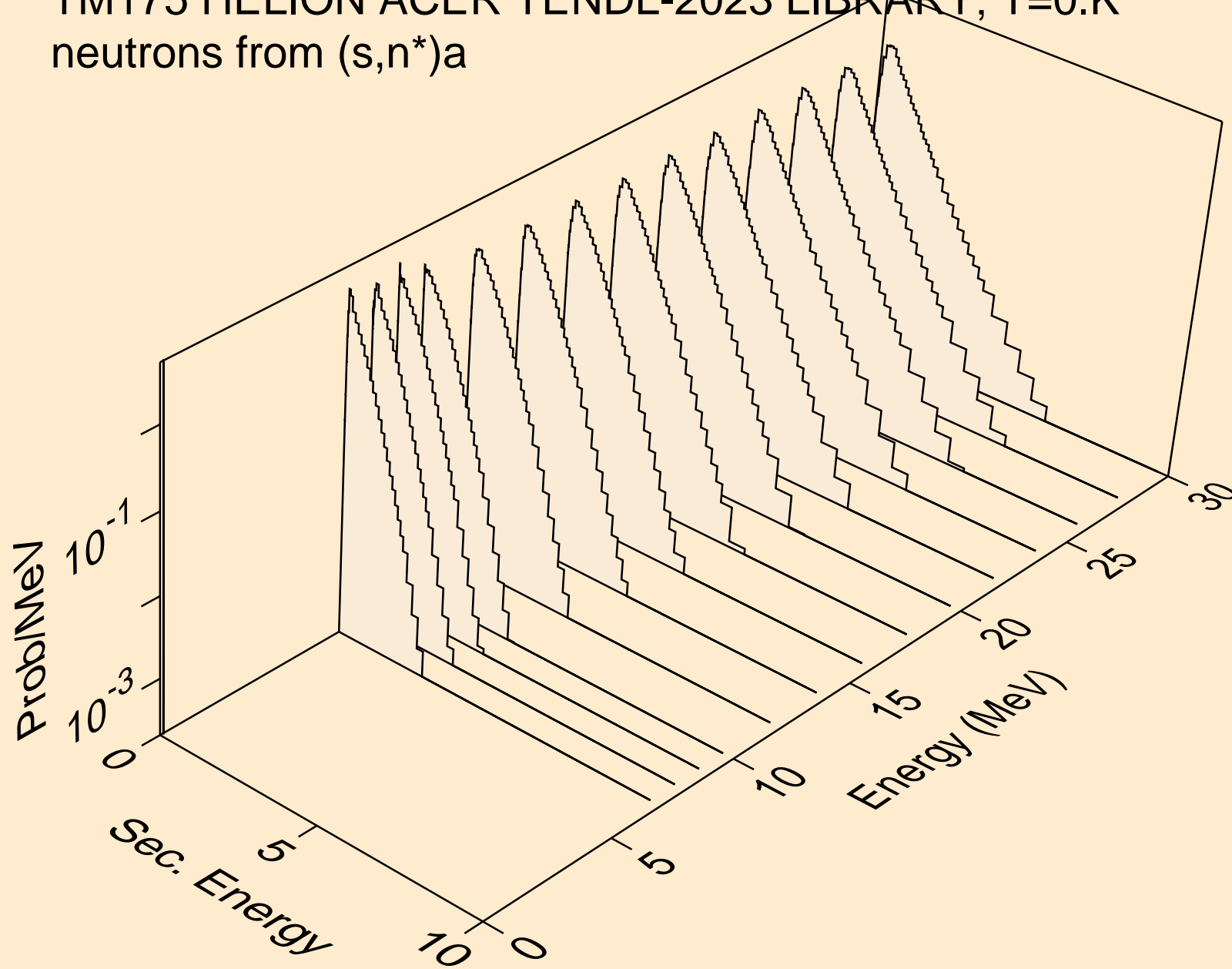
TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)



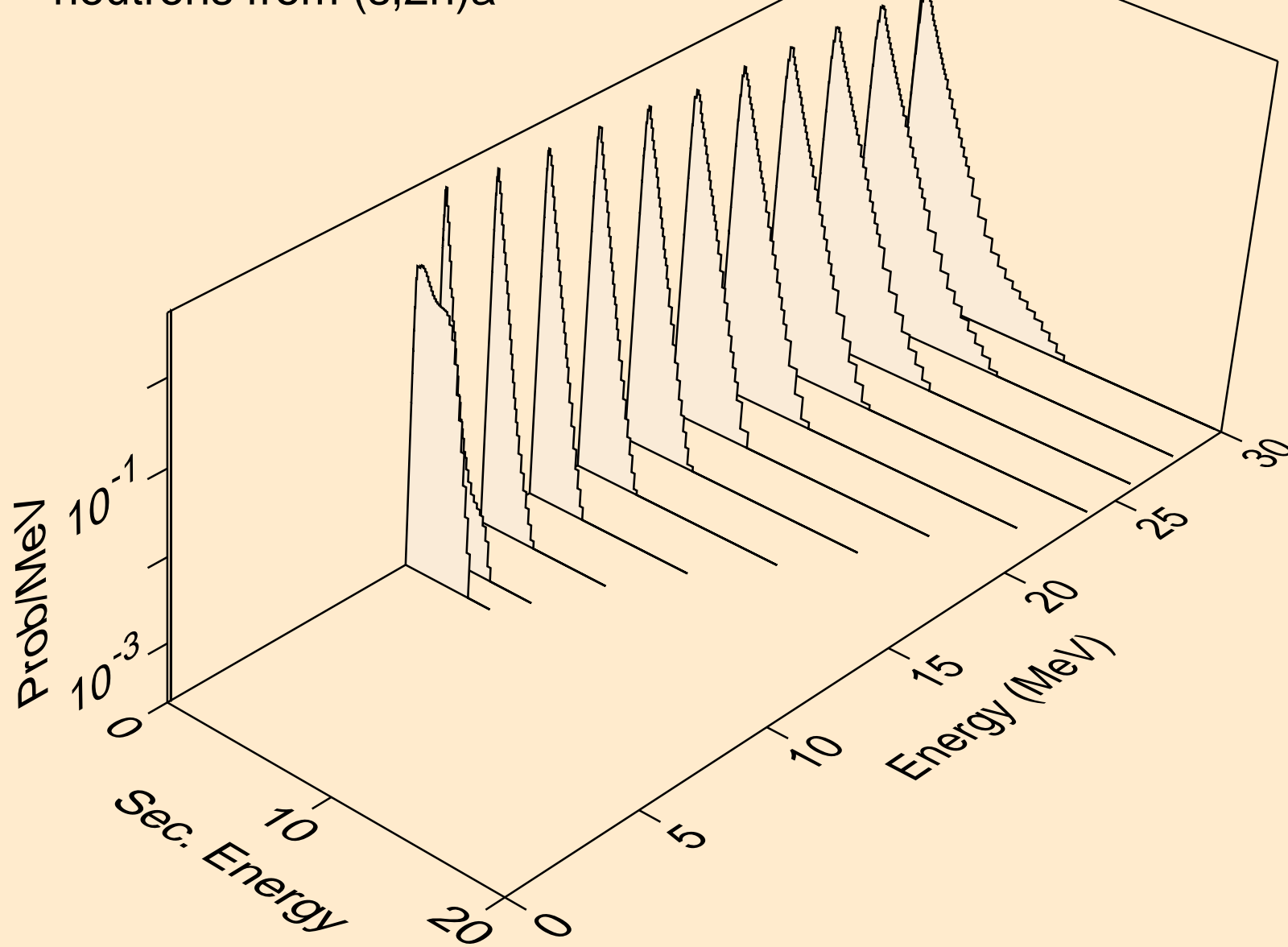
TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3n)



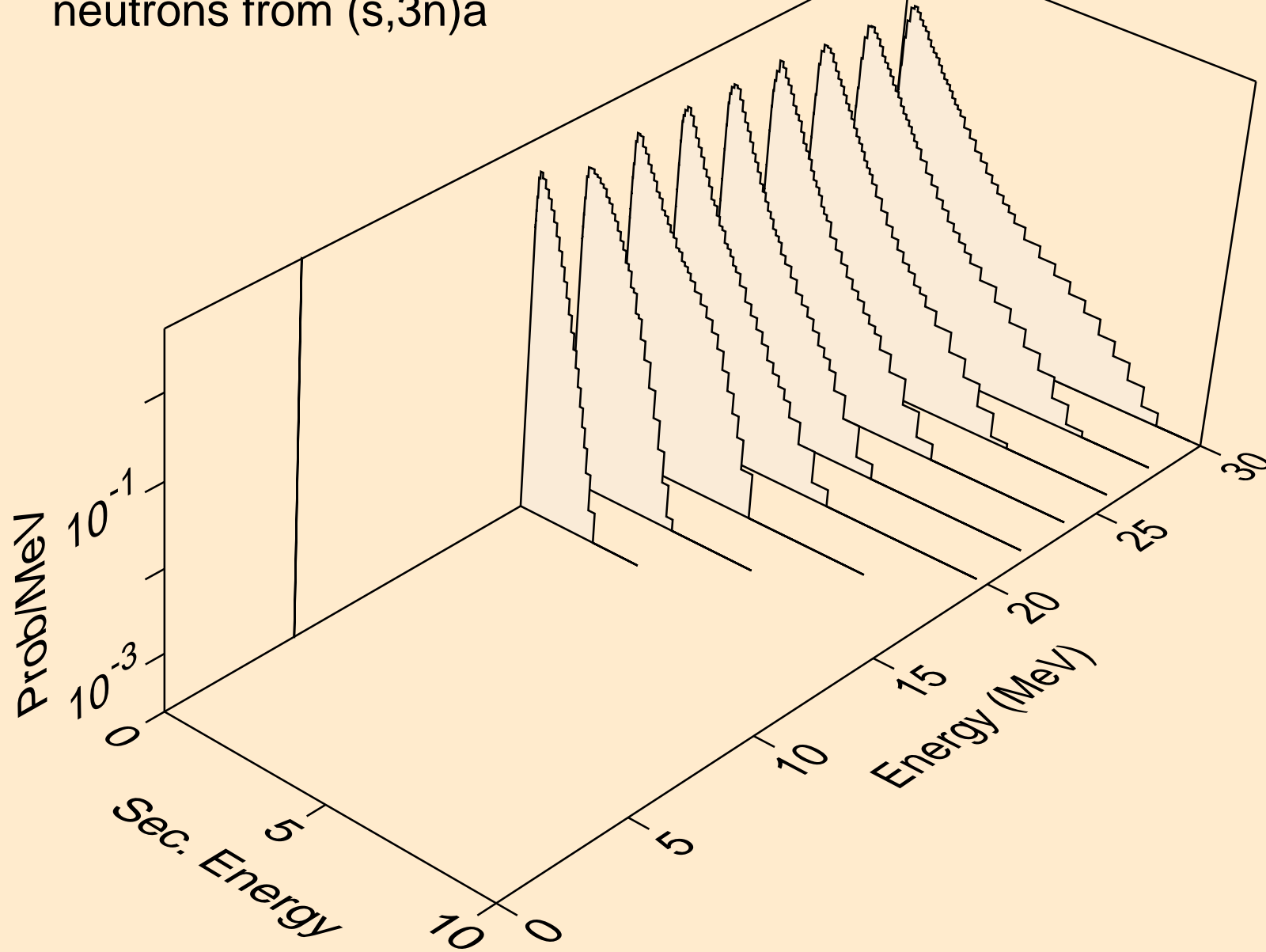
TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)a



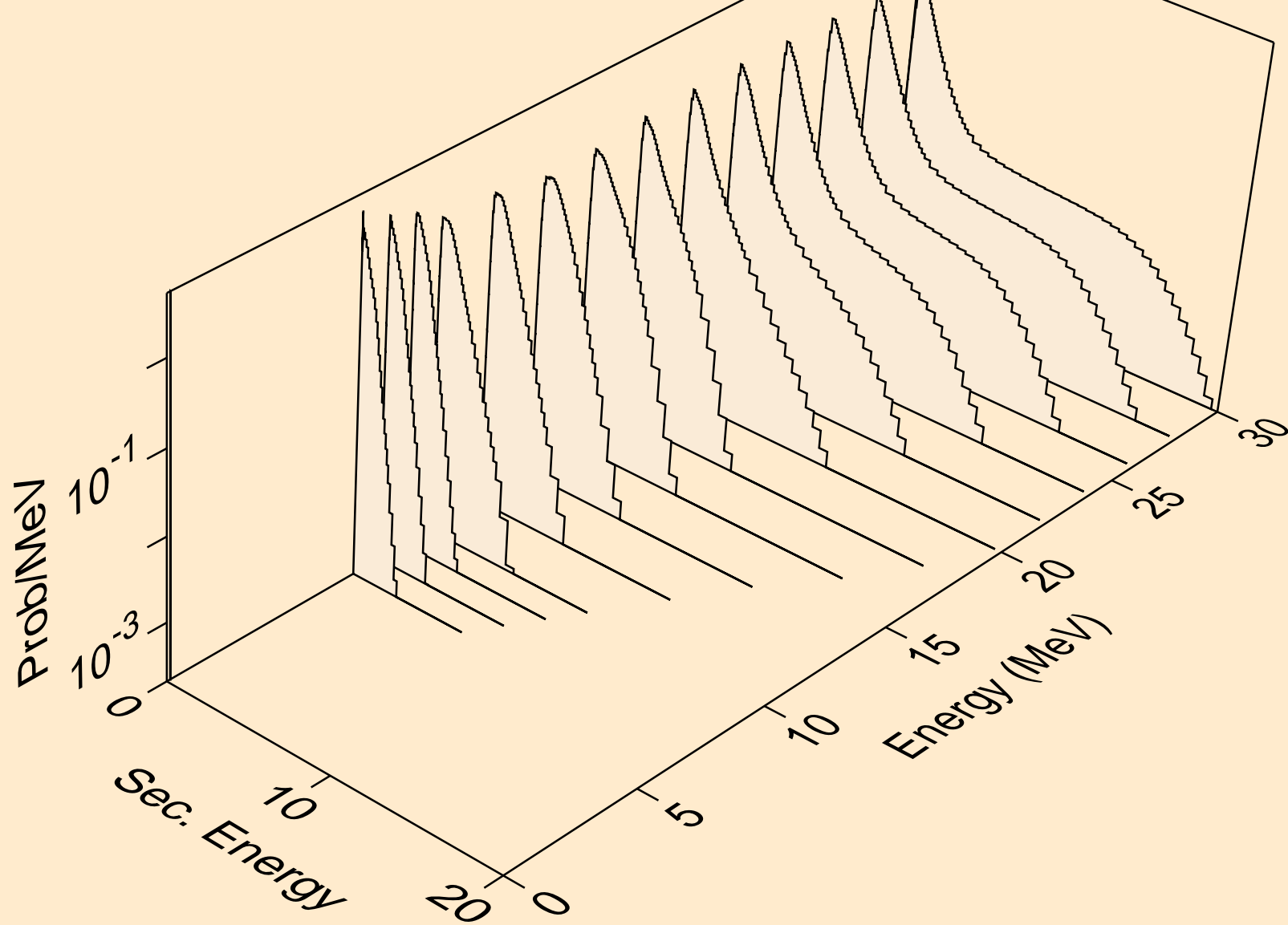
TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)a



TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3n)a

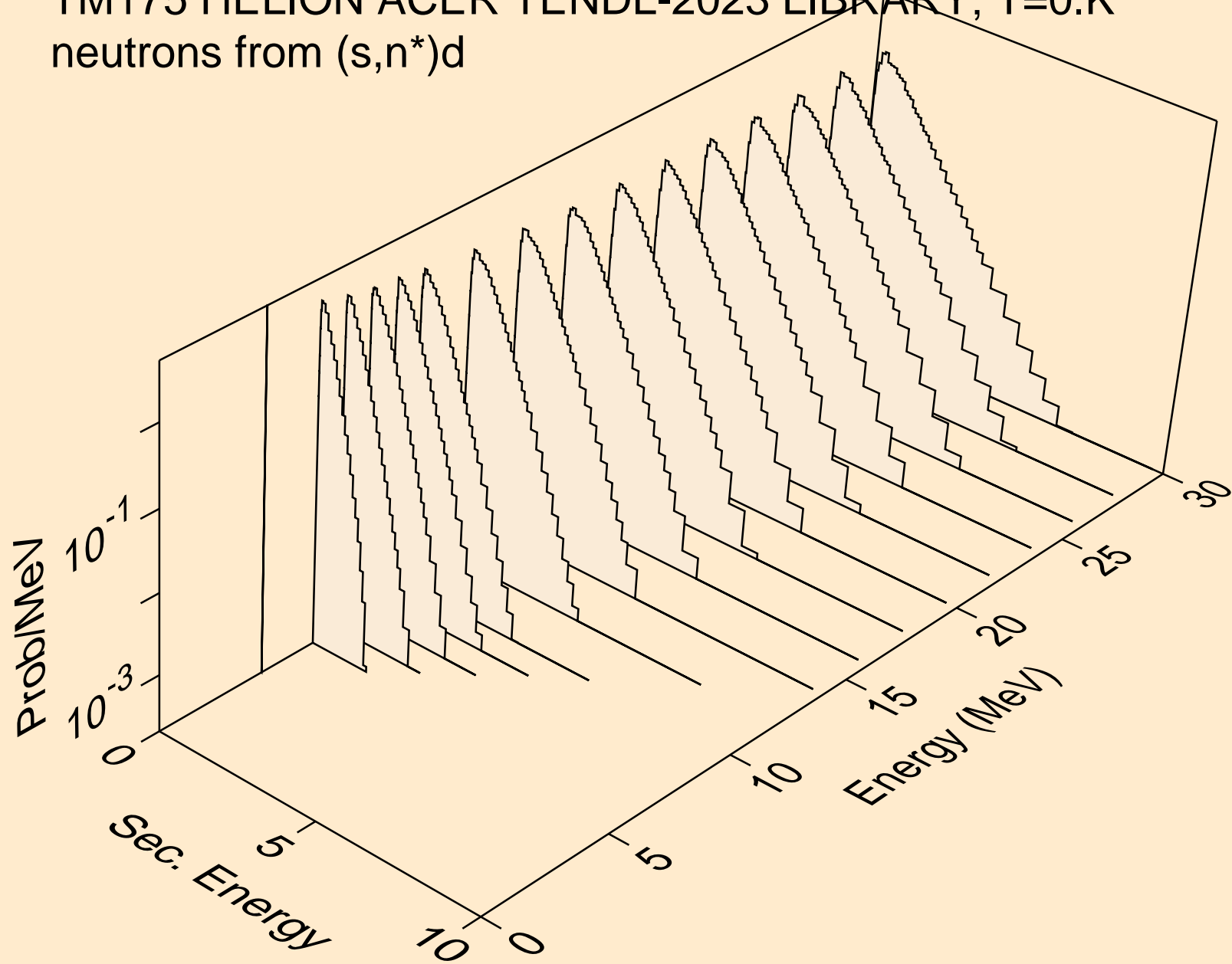


TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)p

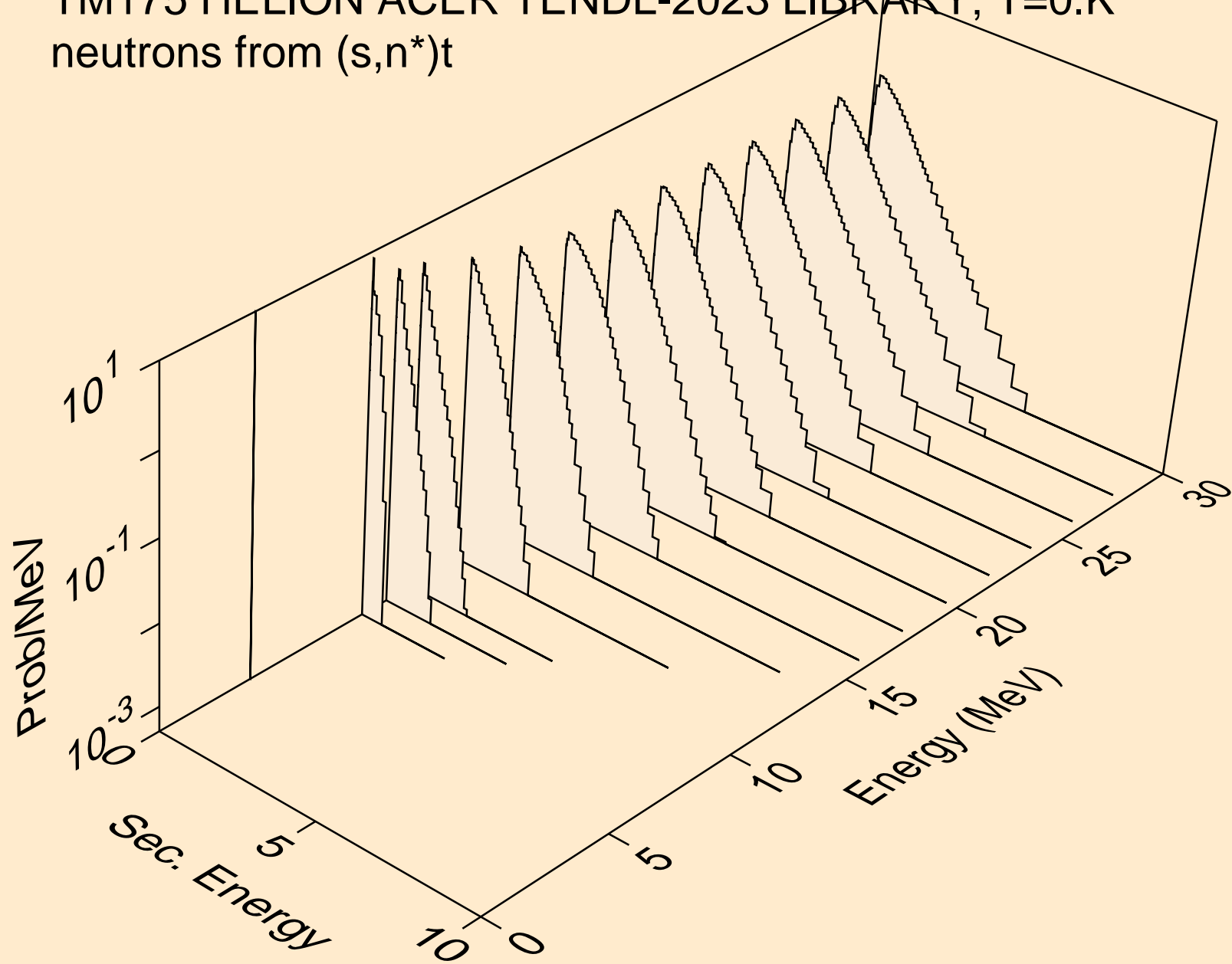




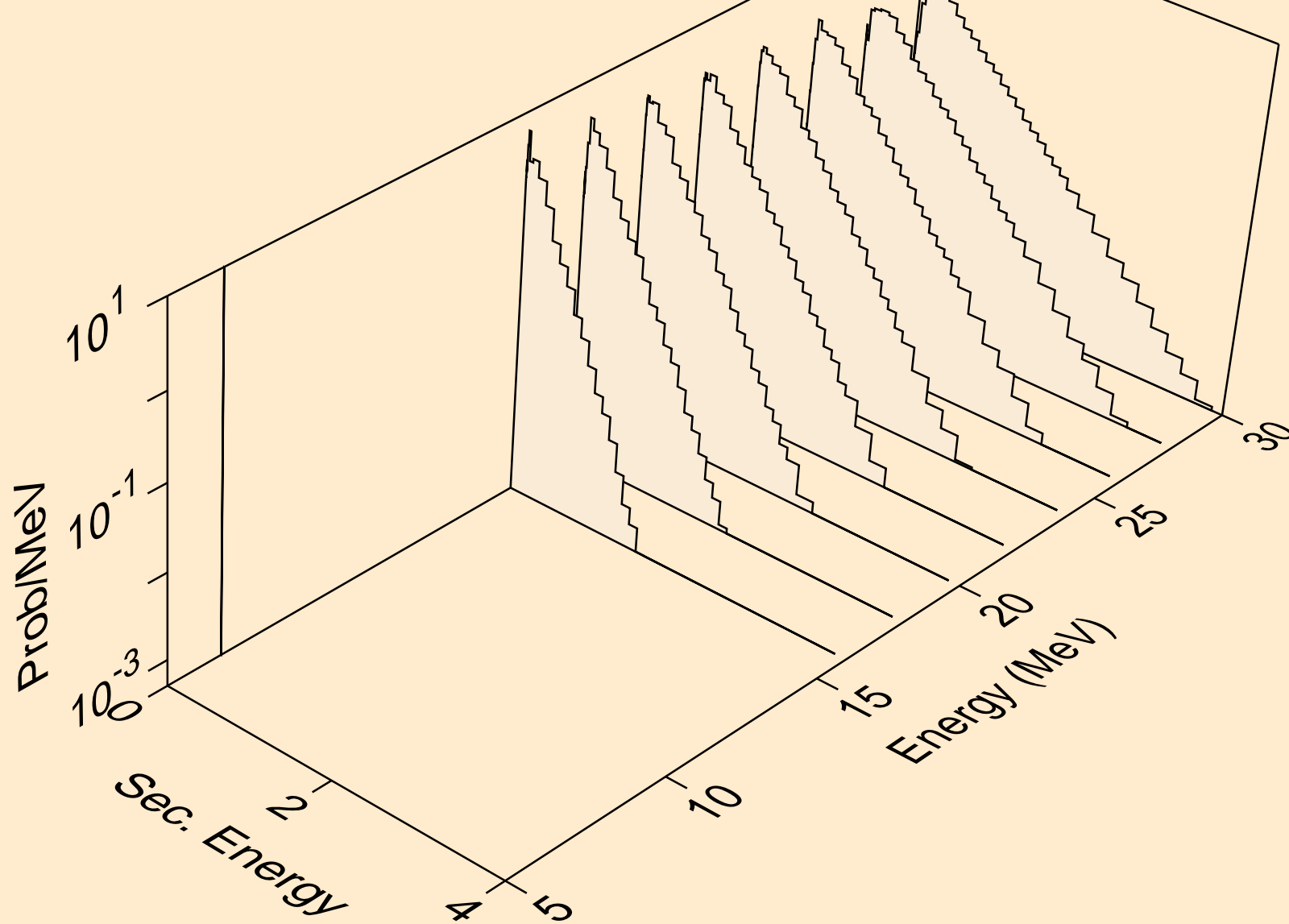
TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)d



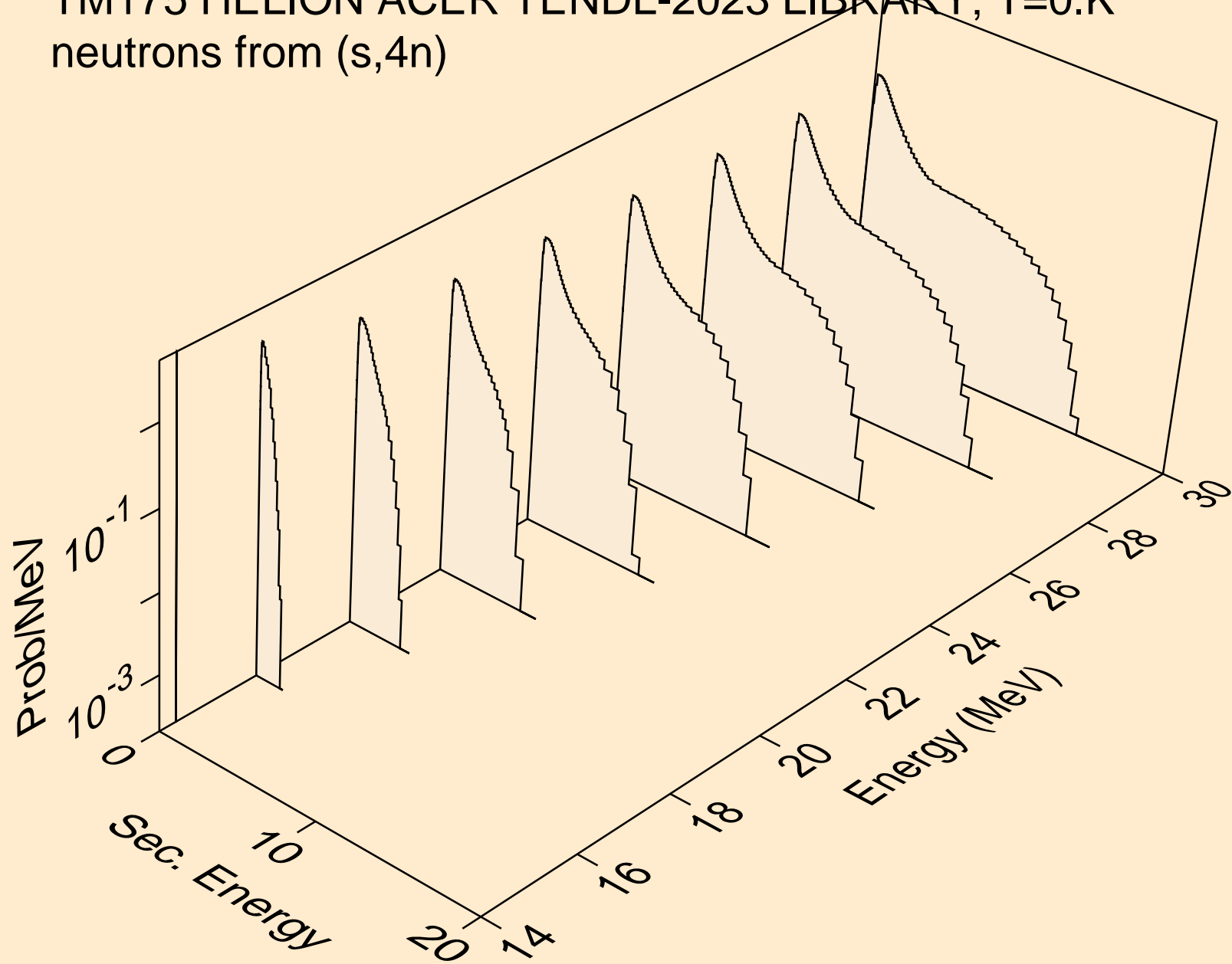
TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)t



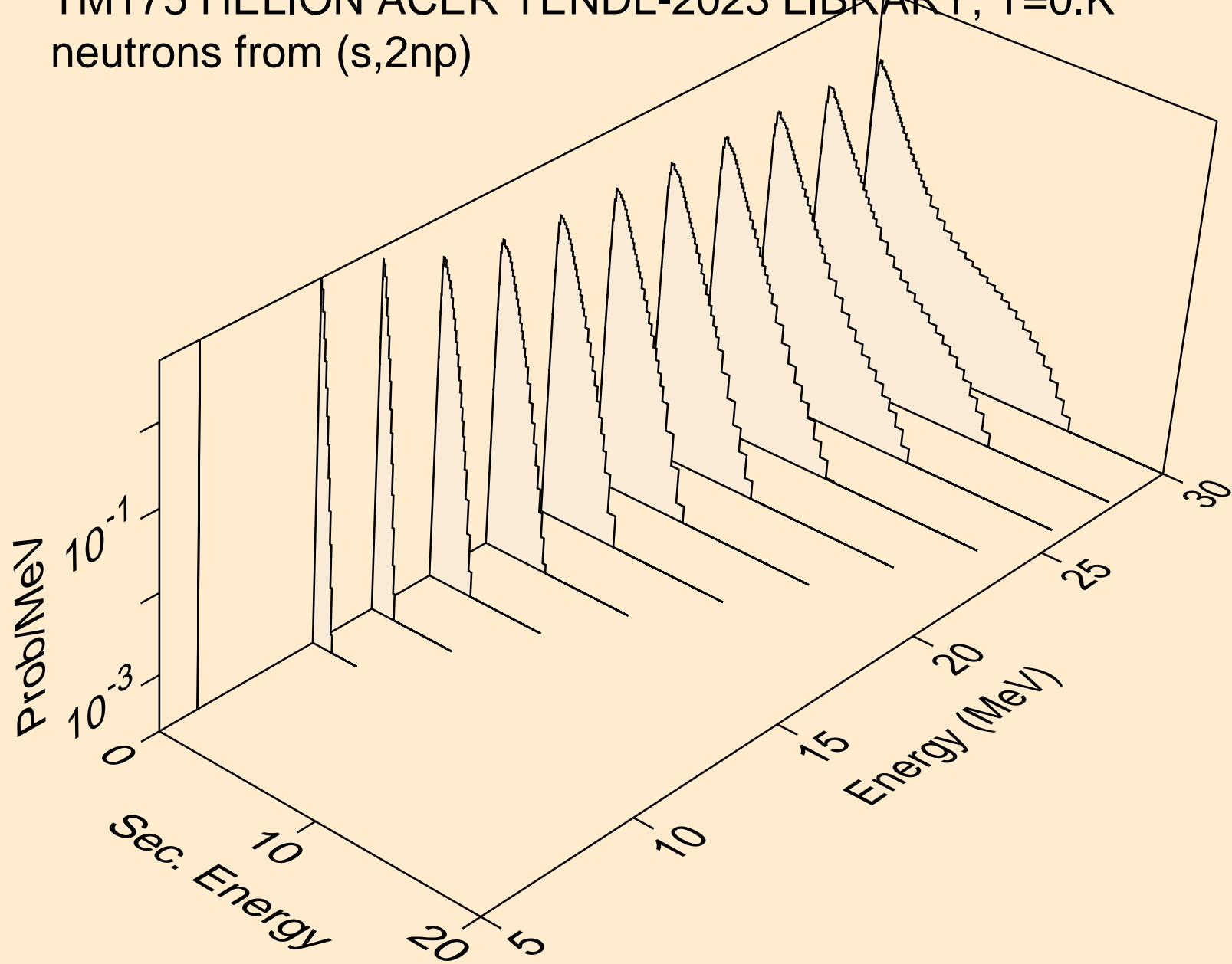
TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



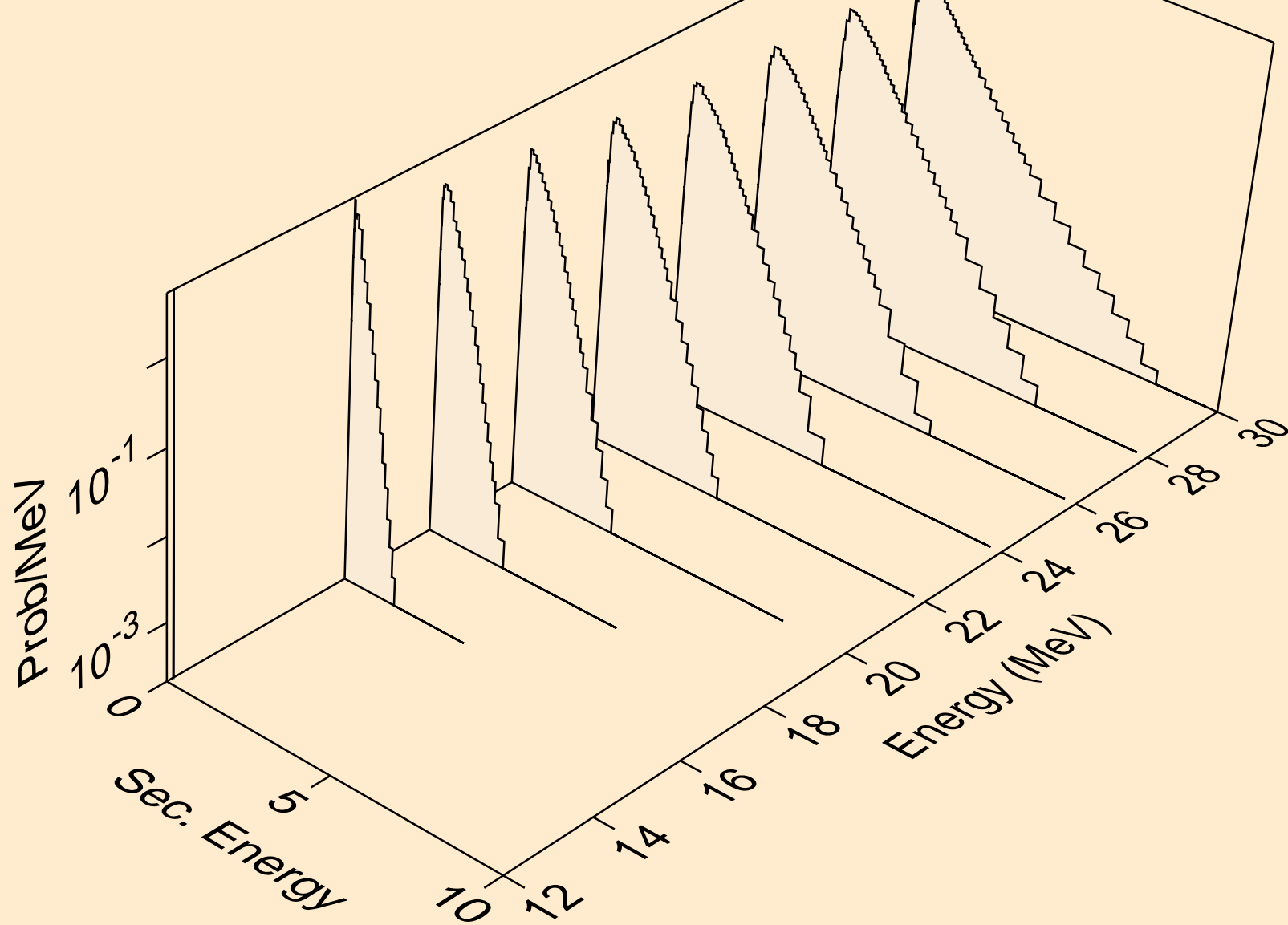
TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,4n)



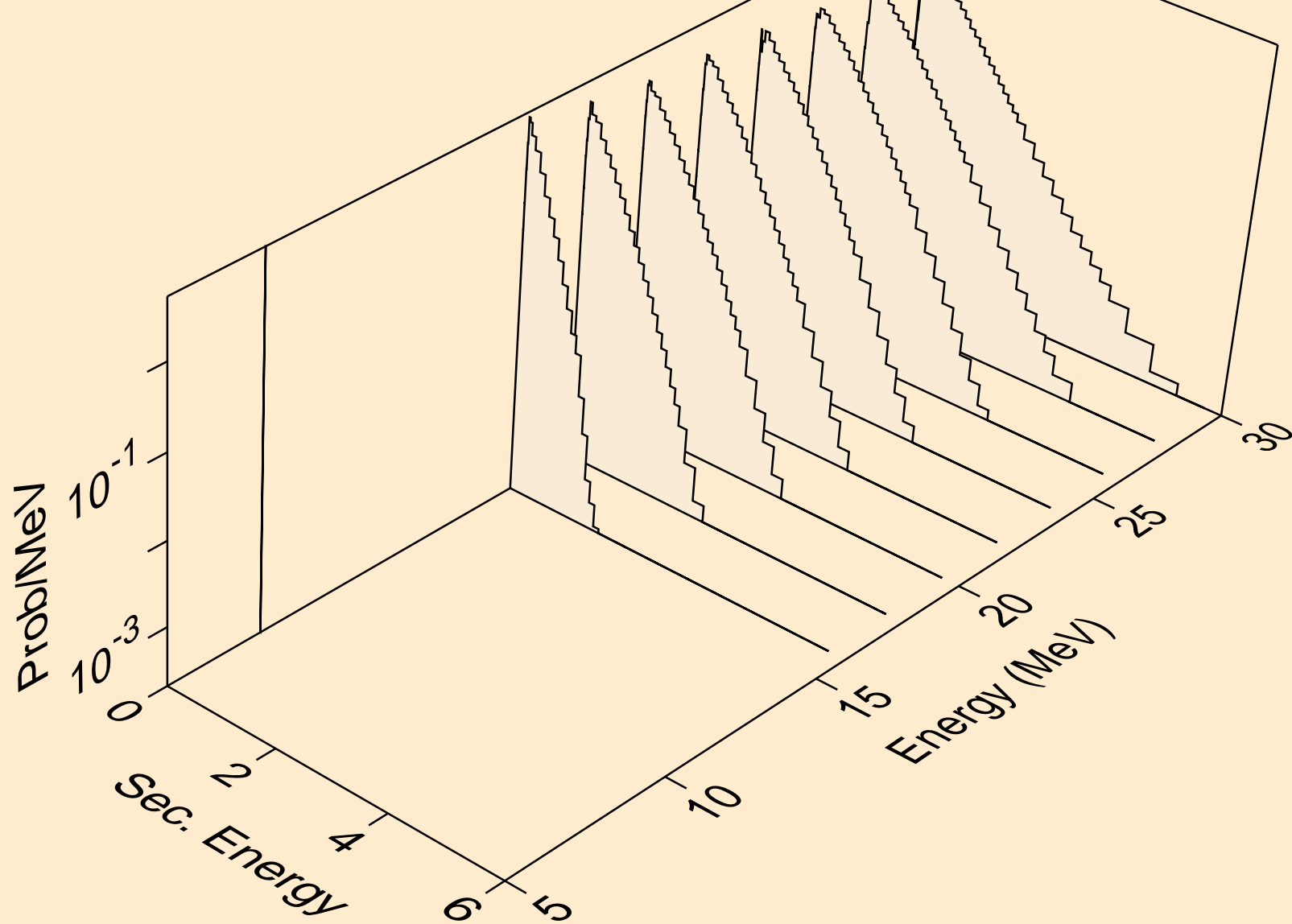
TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2np)



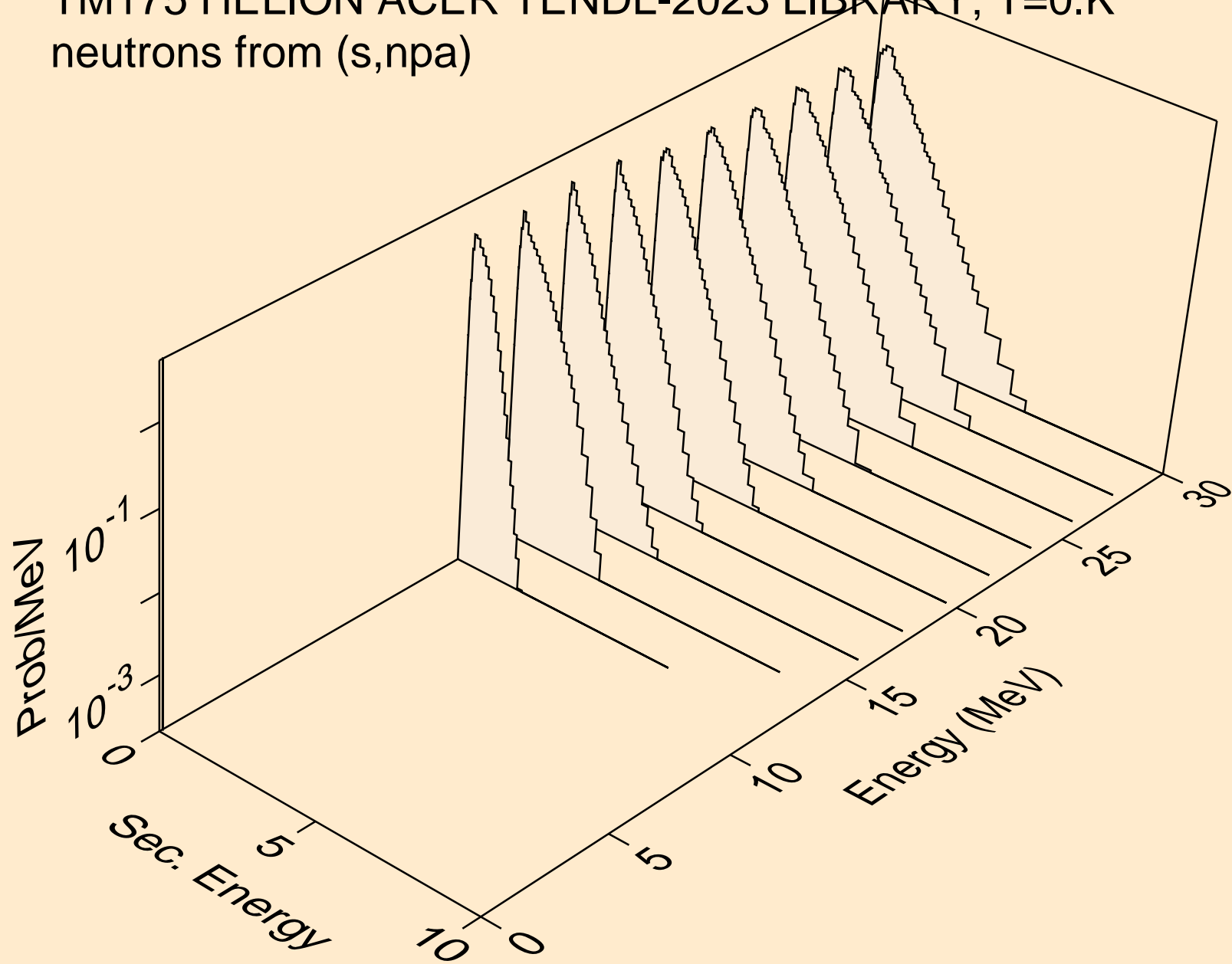
TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3np)



TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n2p)

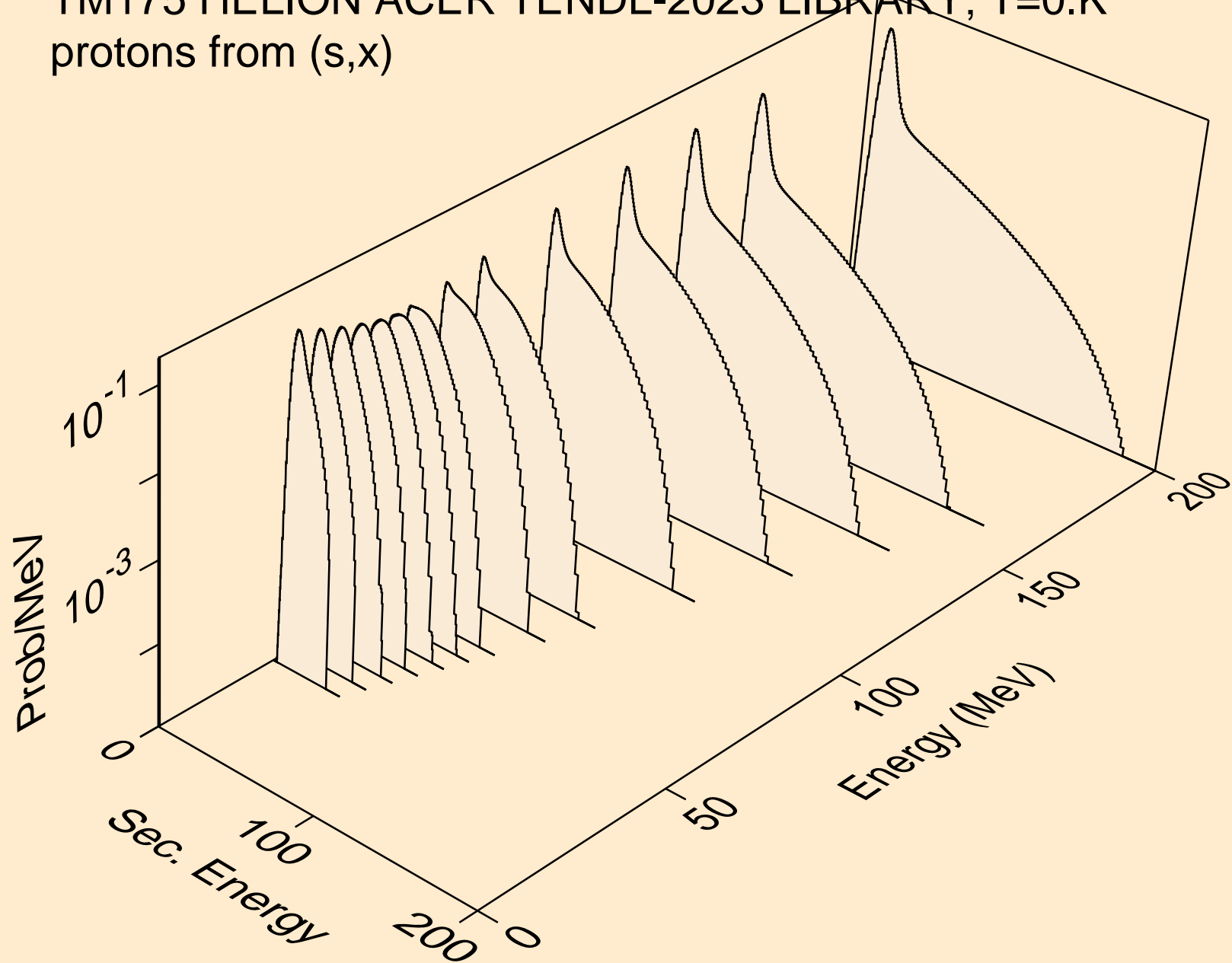


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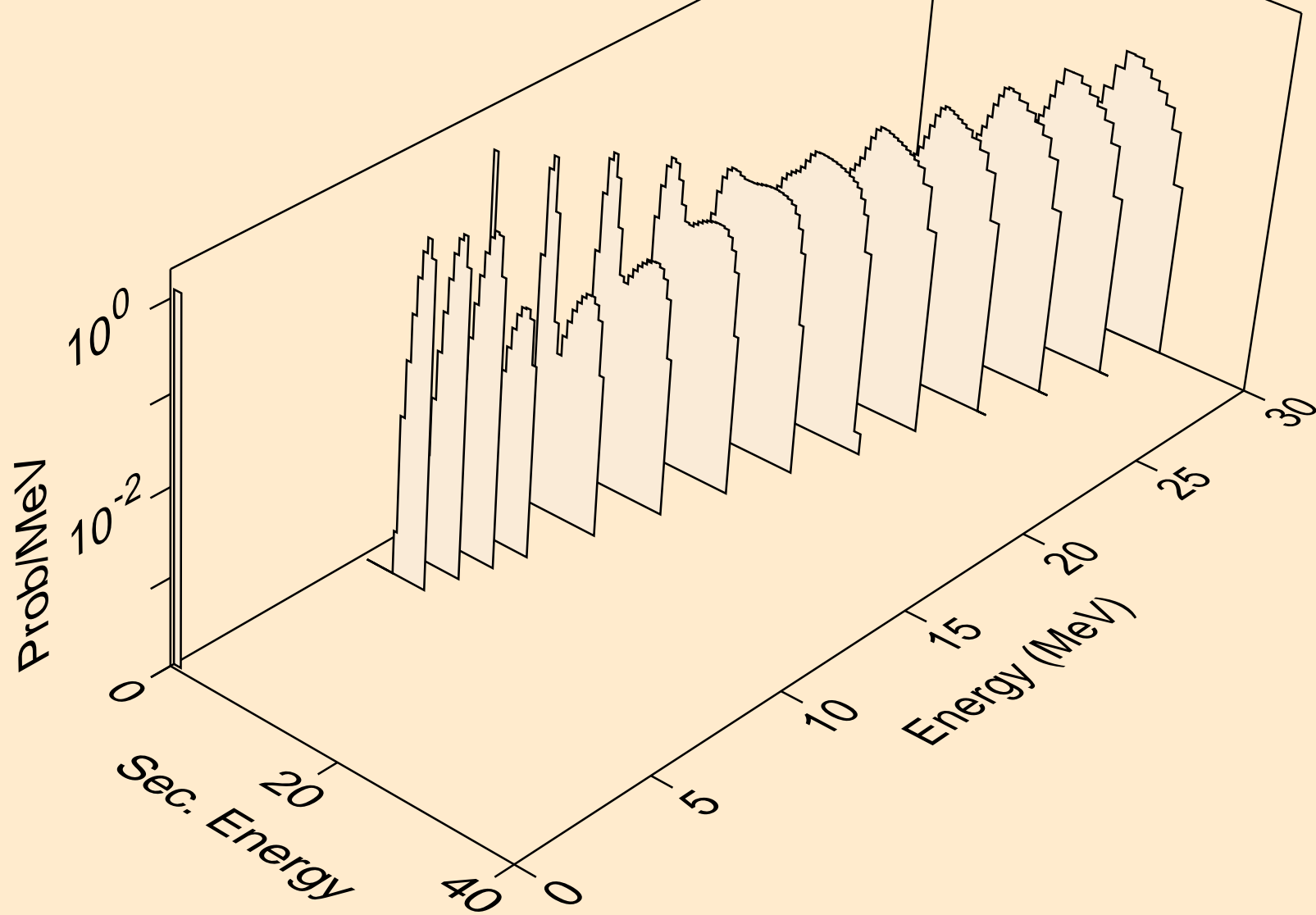




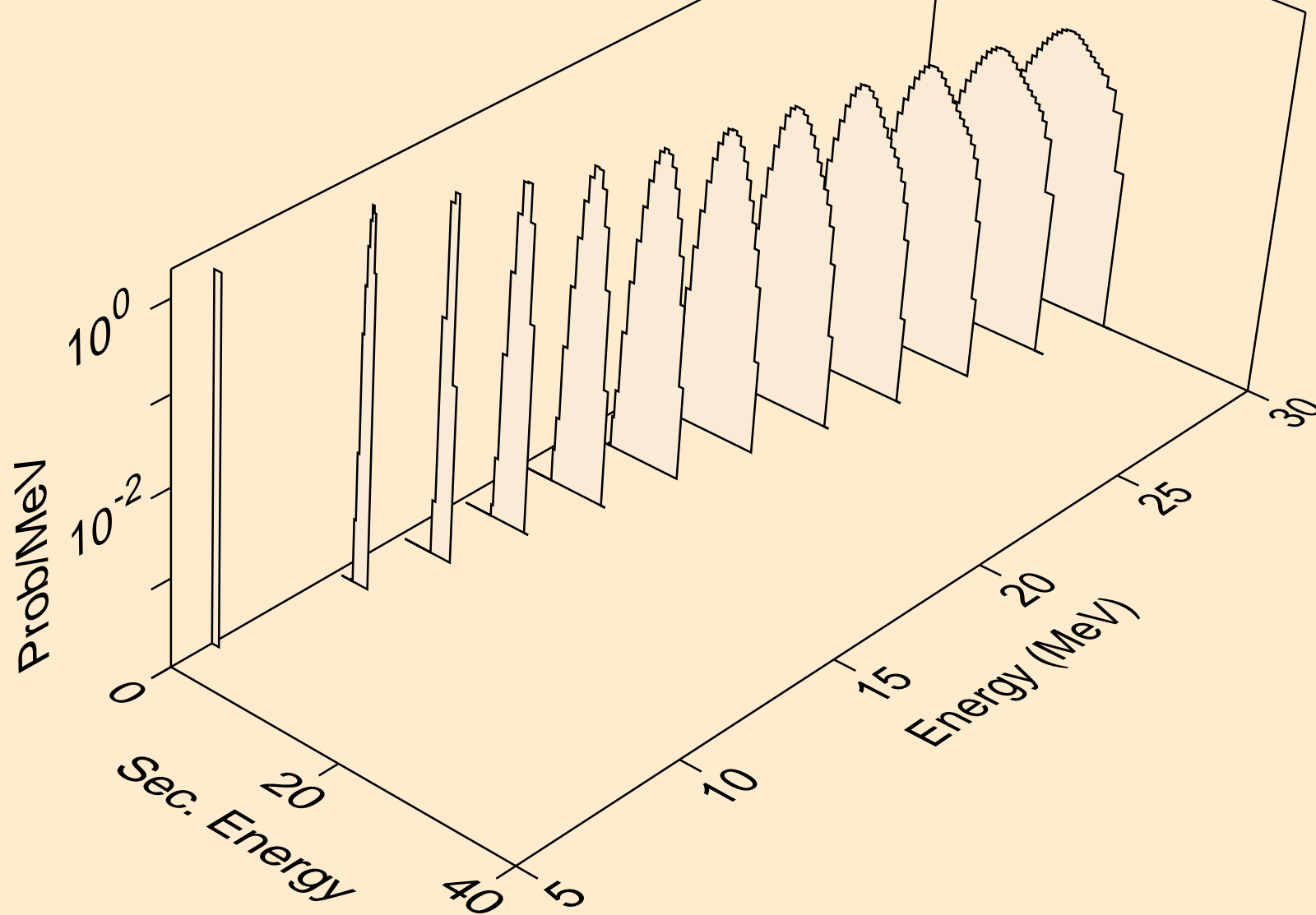
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protons from (s,x)



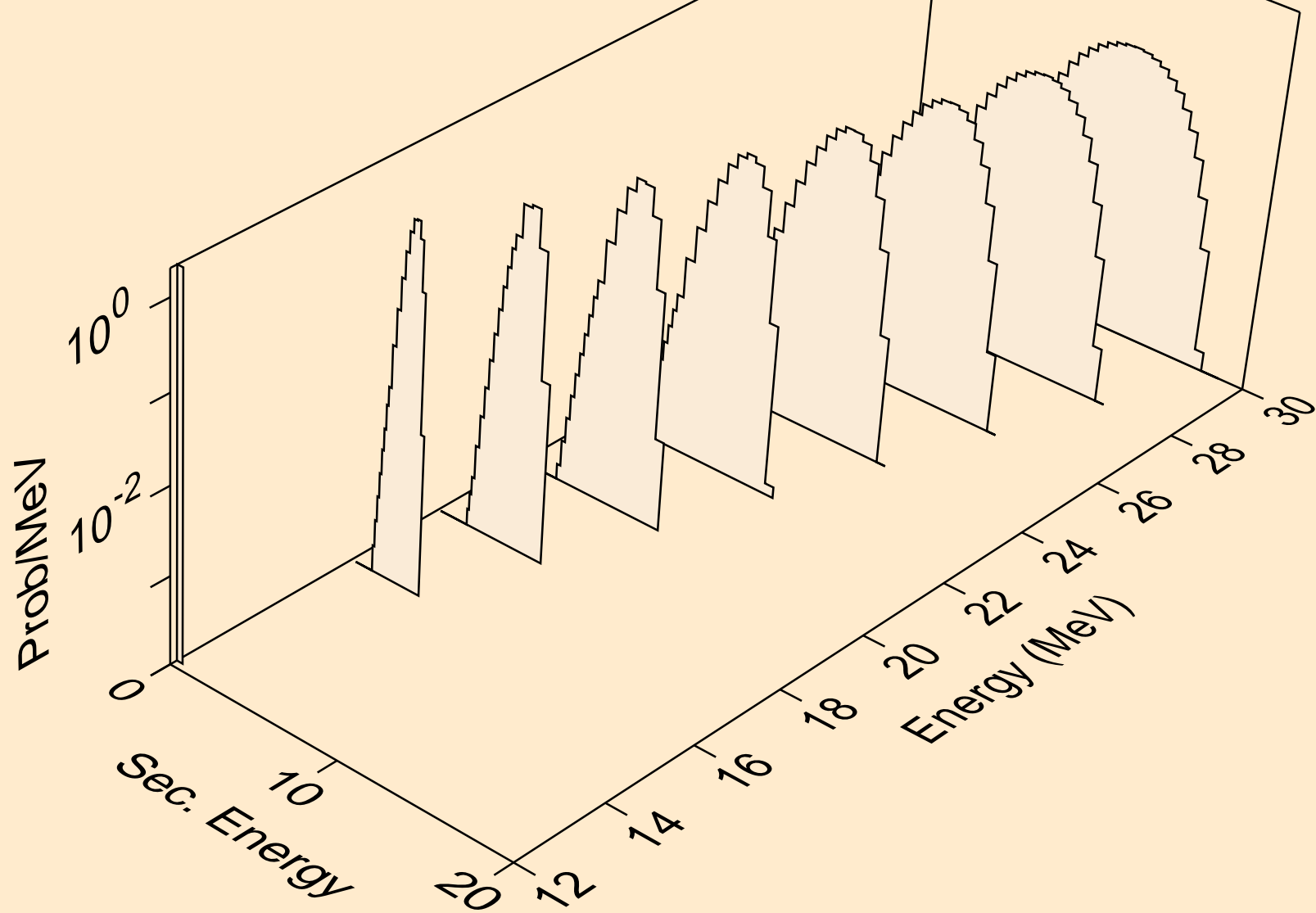
TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,n\*)p



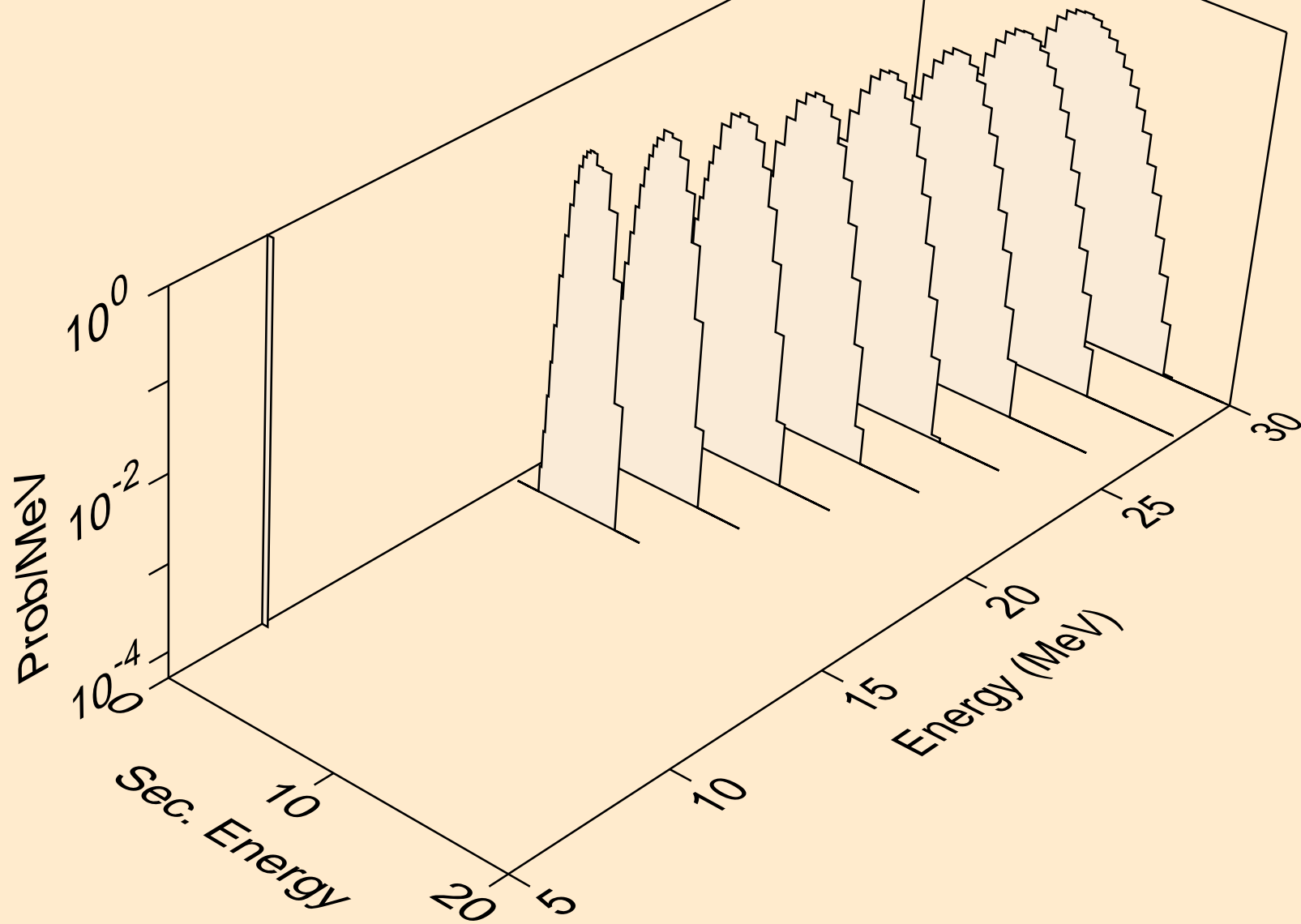
TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,2np)



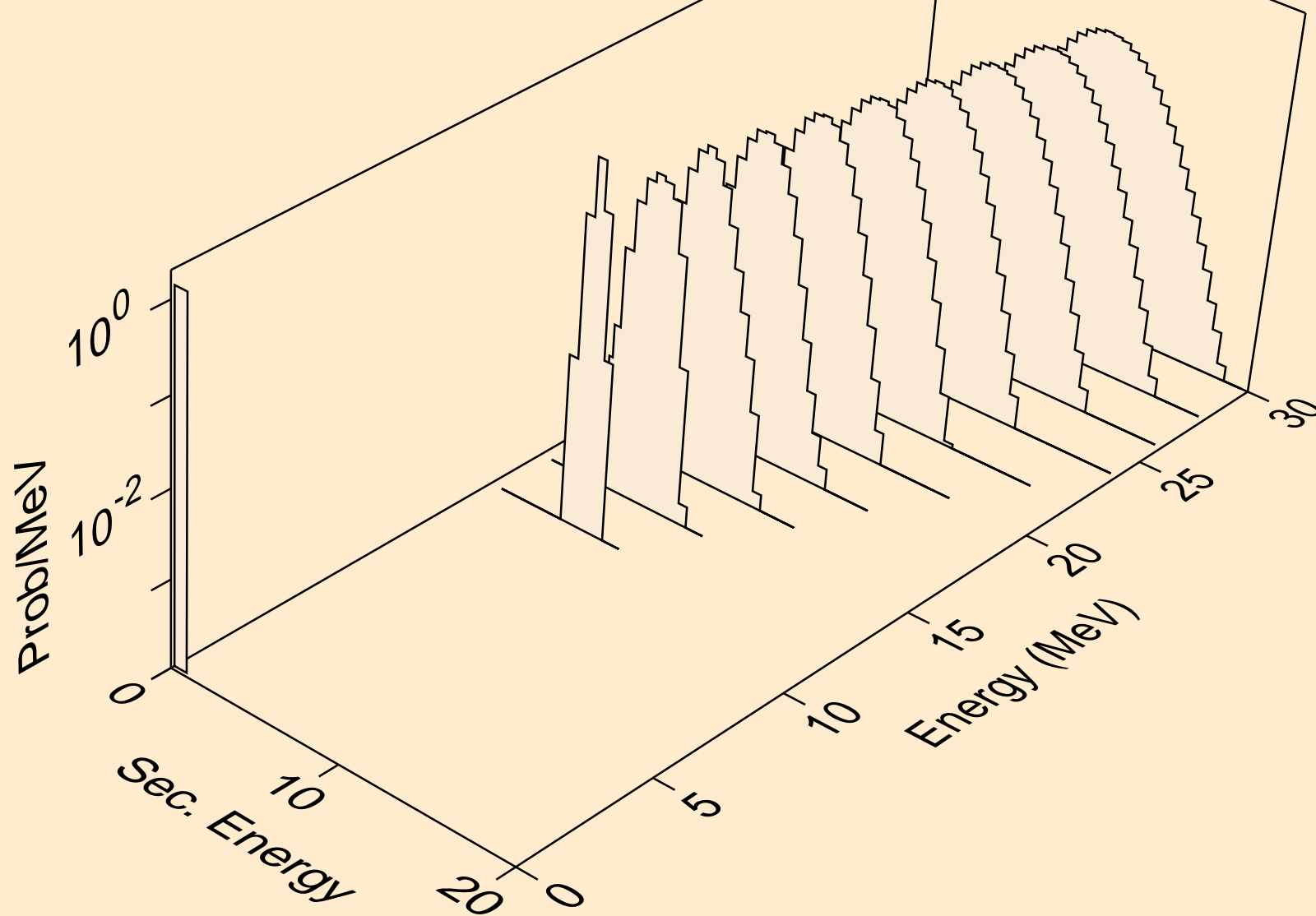
TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,3np)



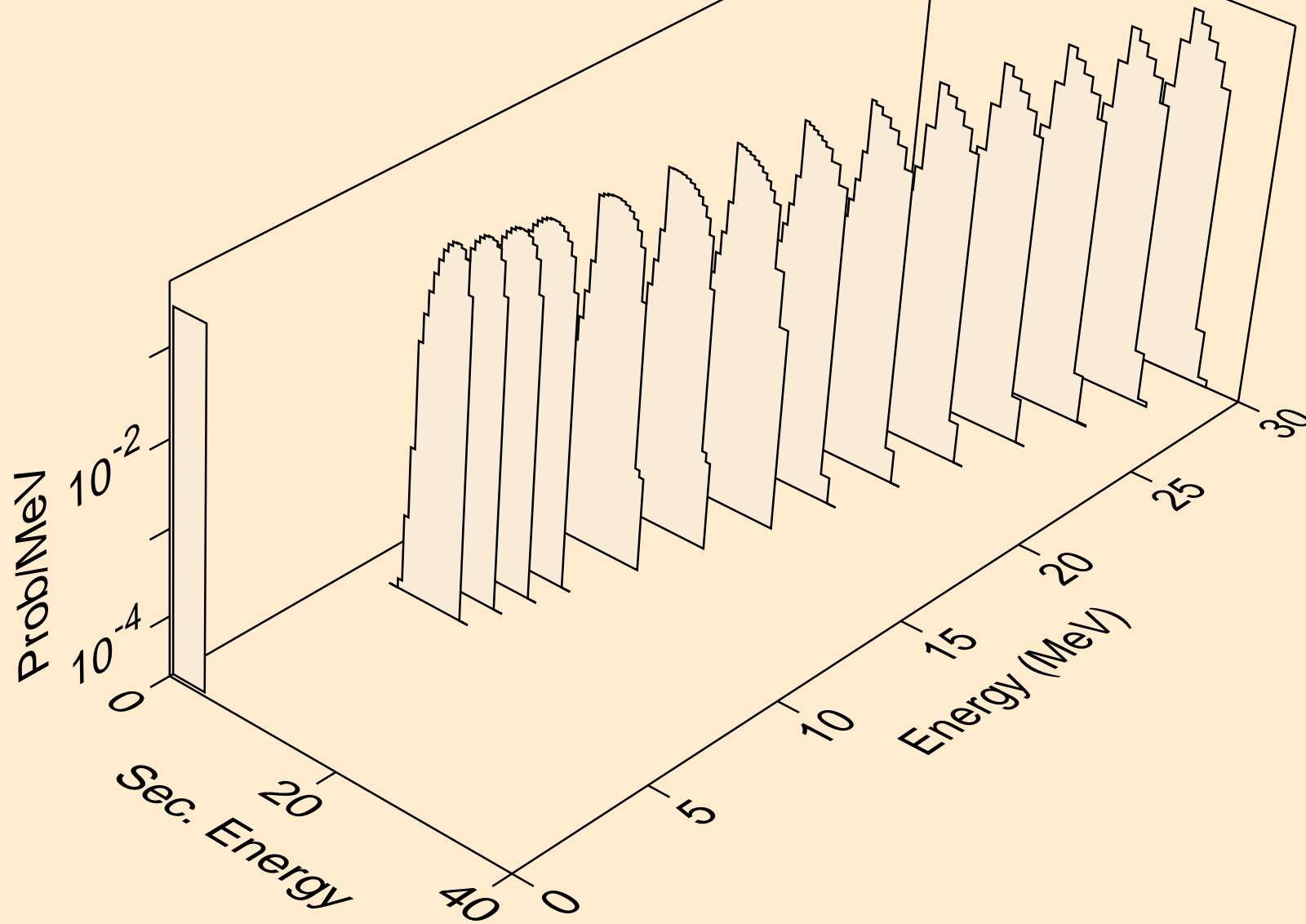
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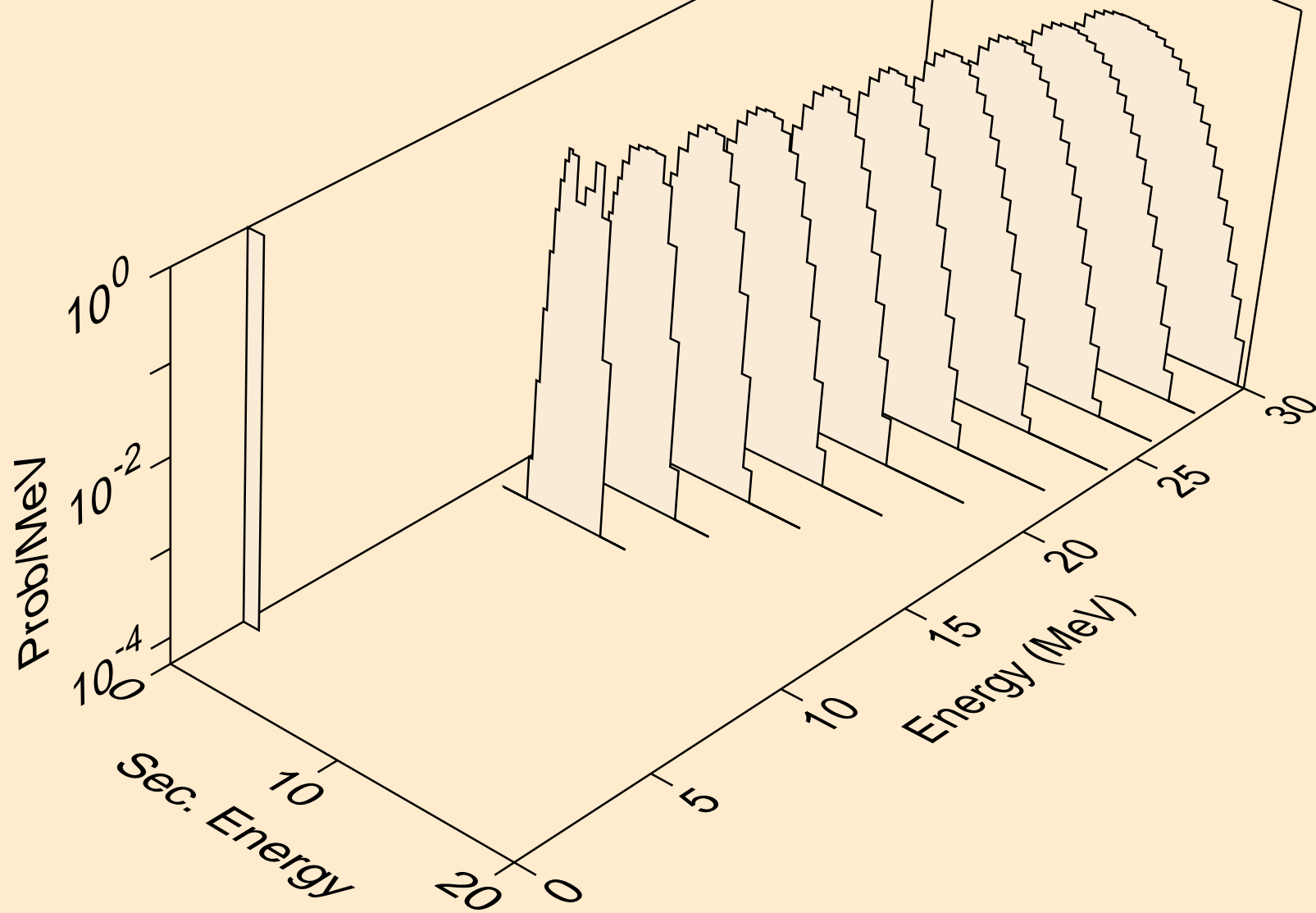
TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,npa)



TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,p)

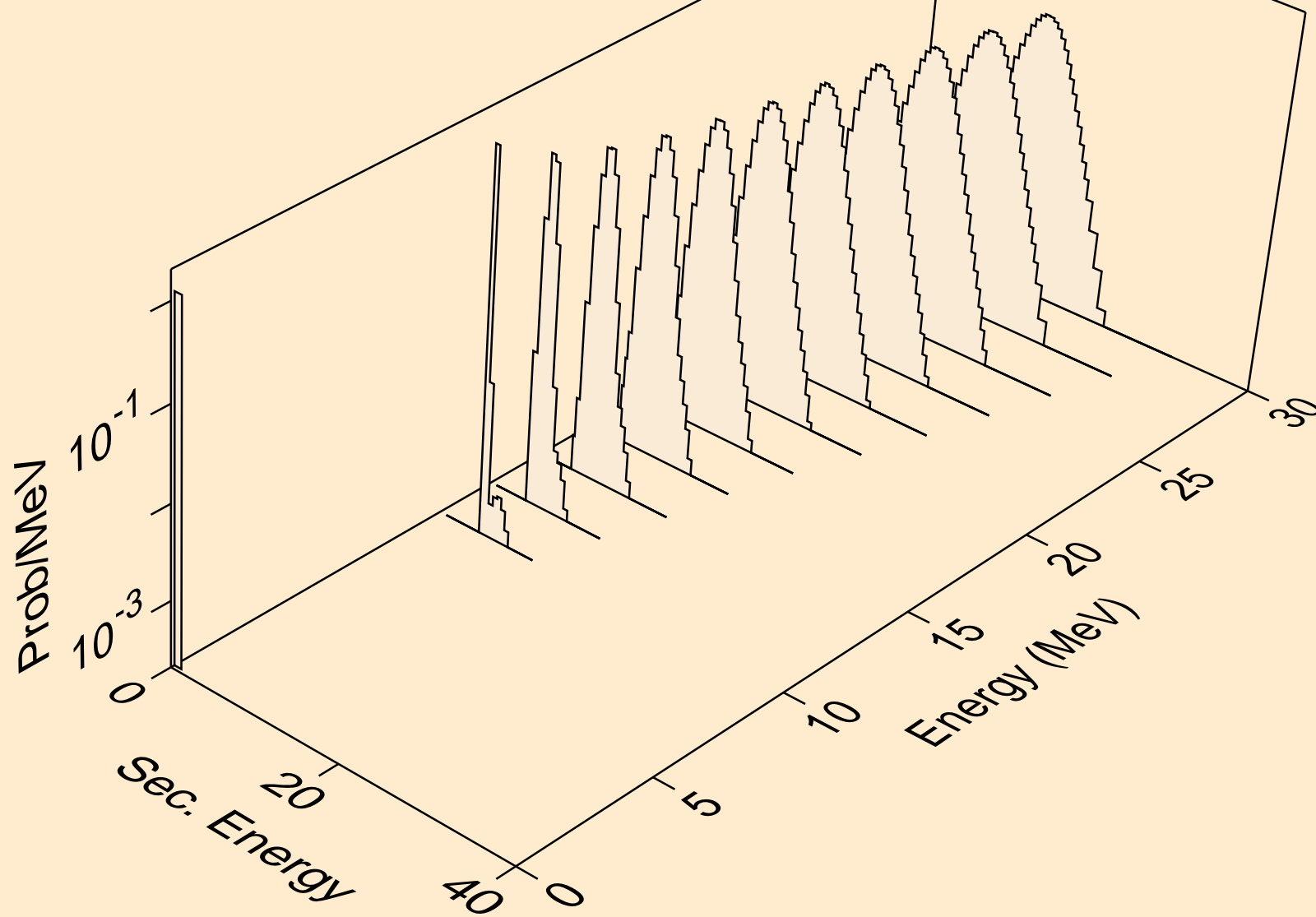


TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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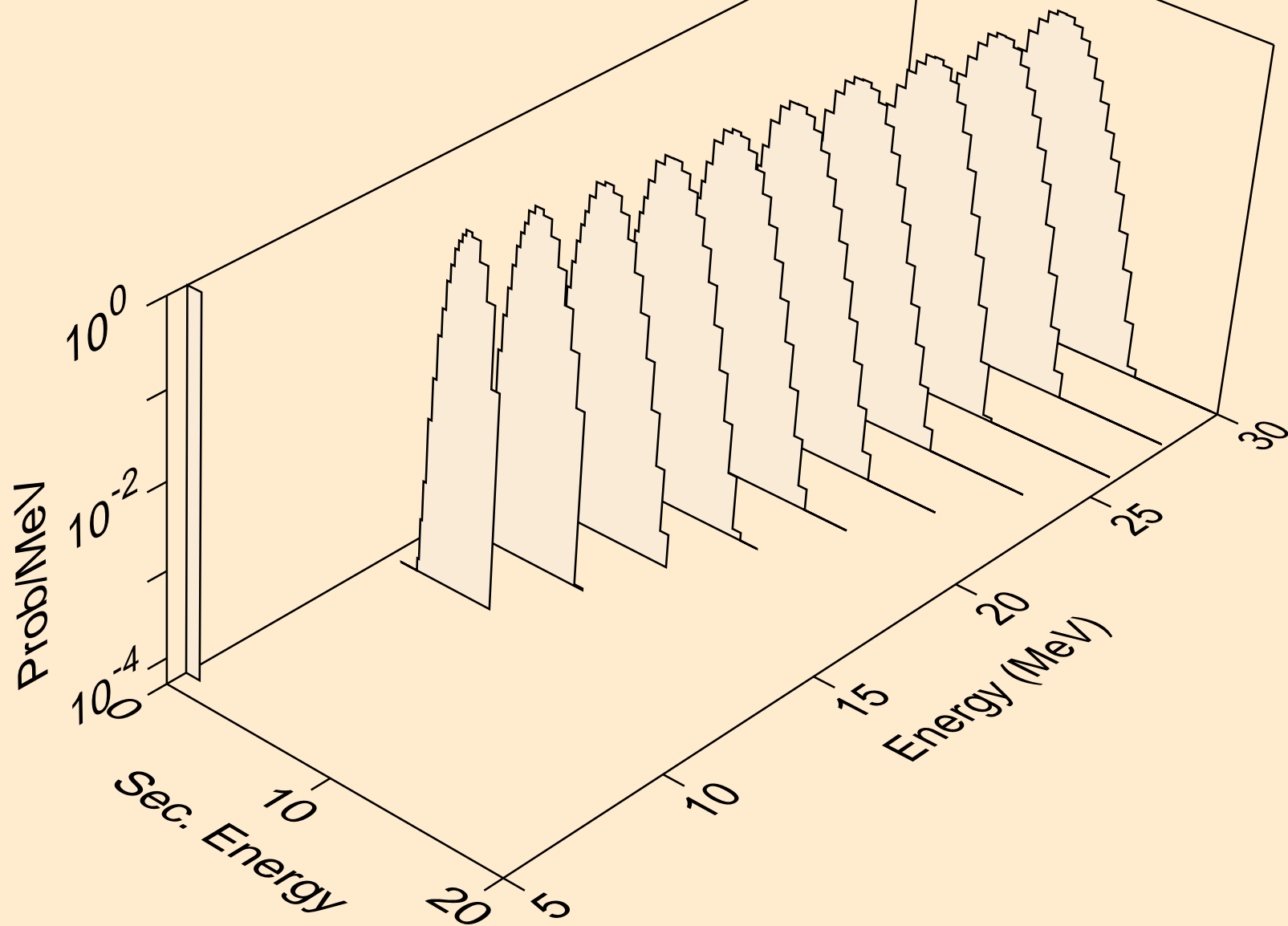




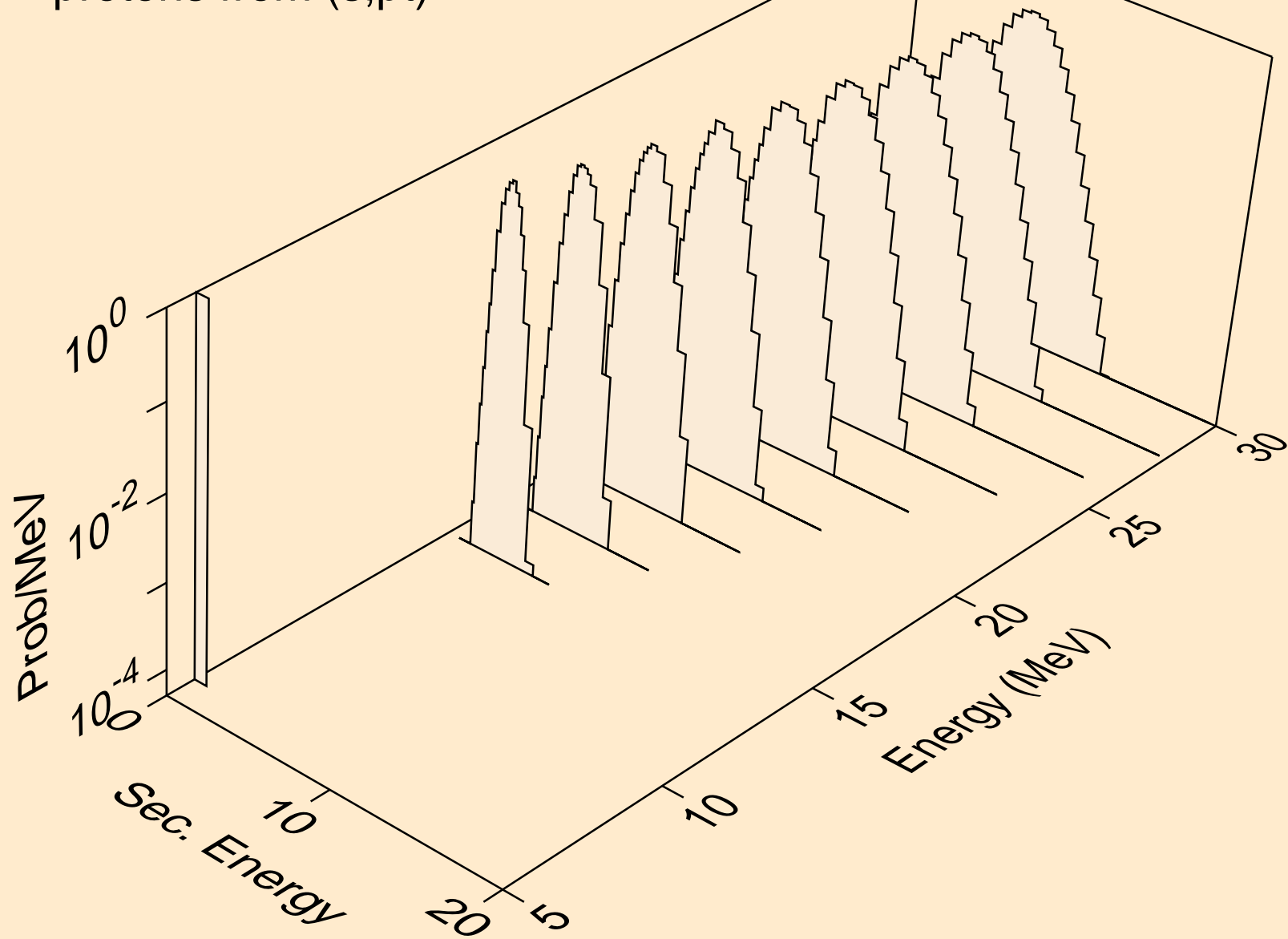
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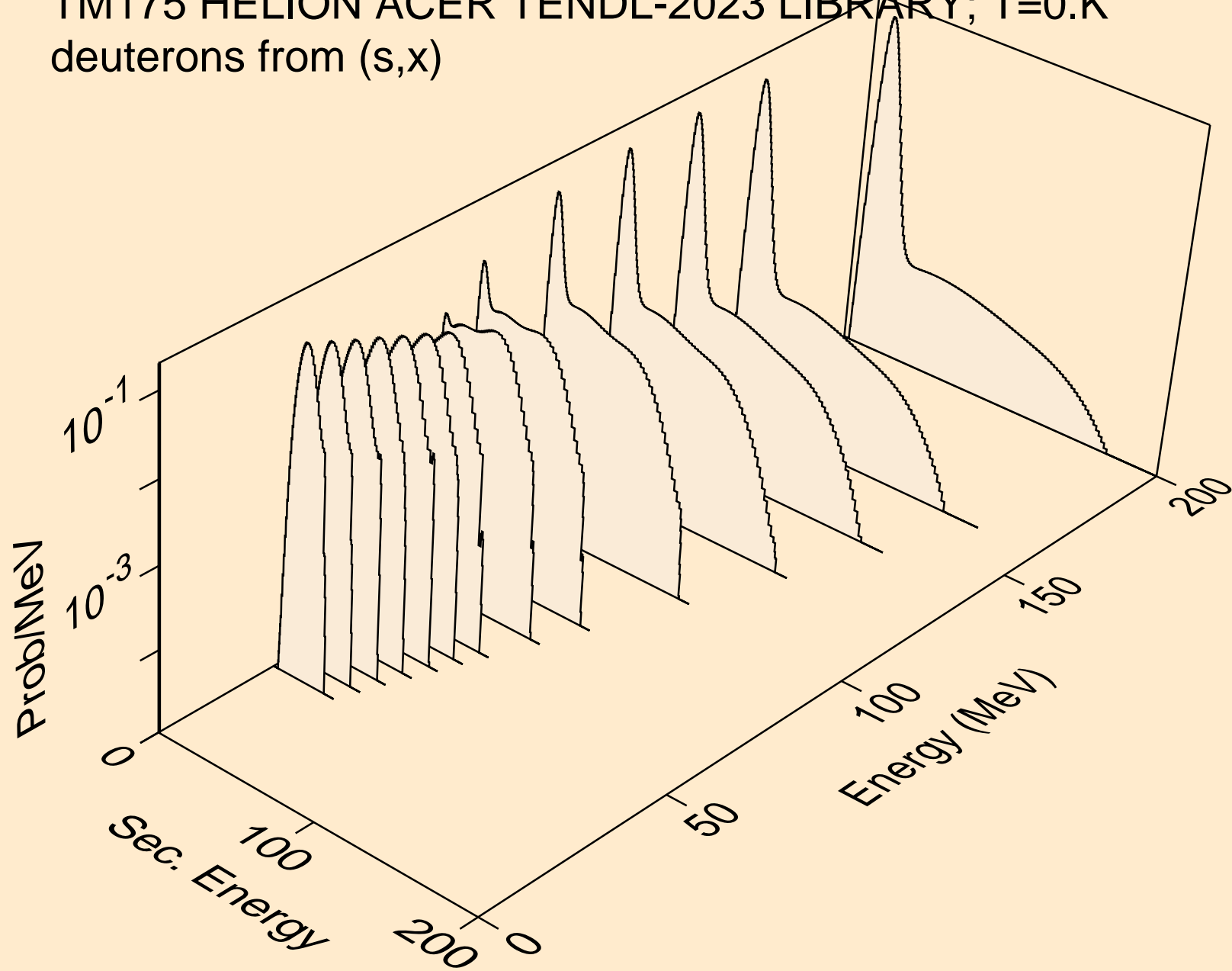
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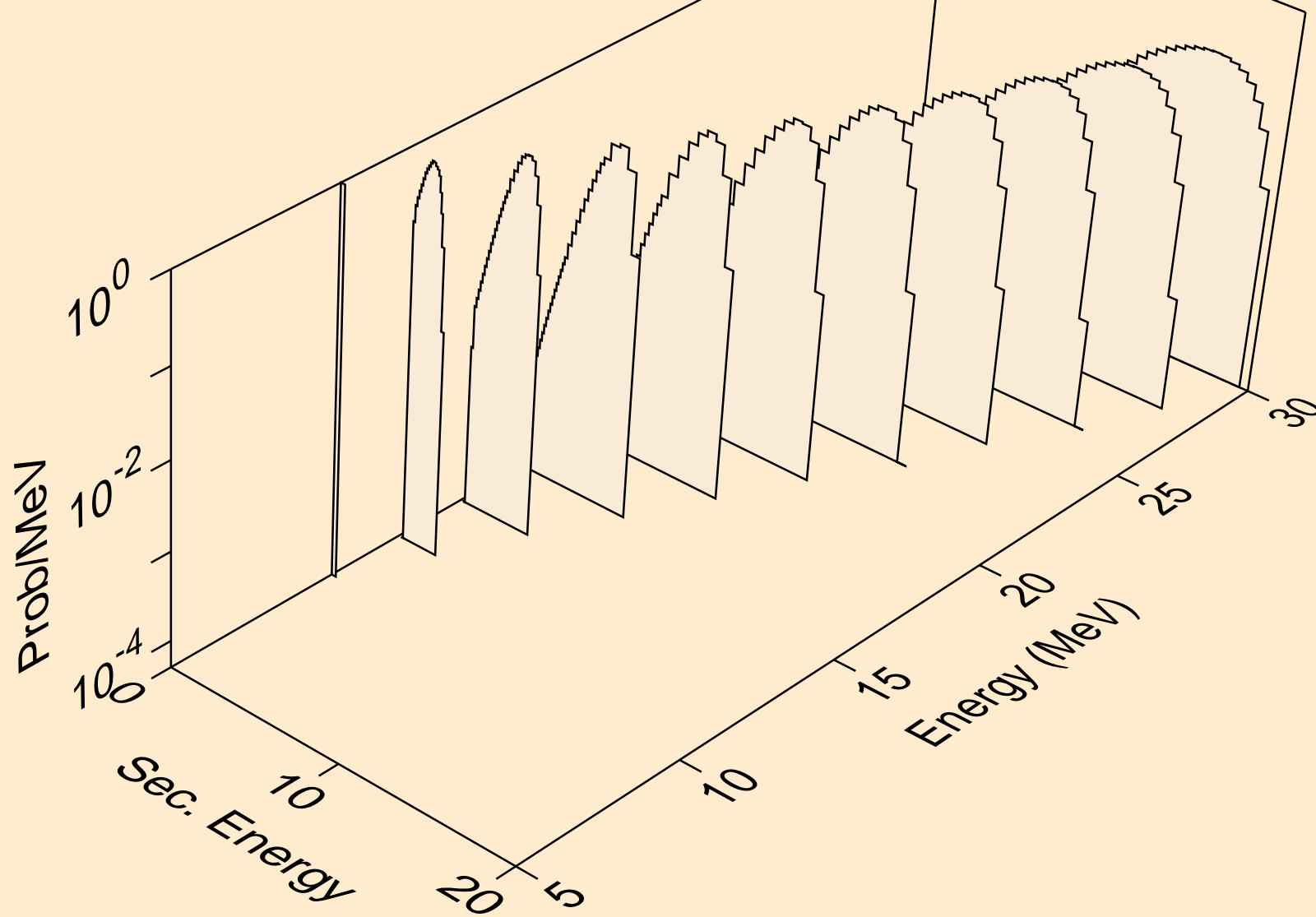
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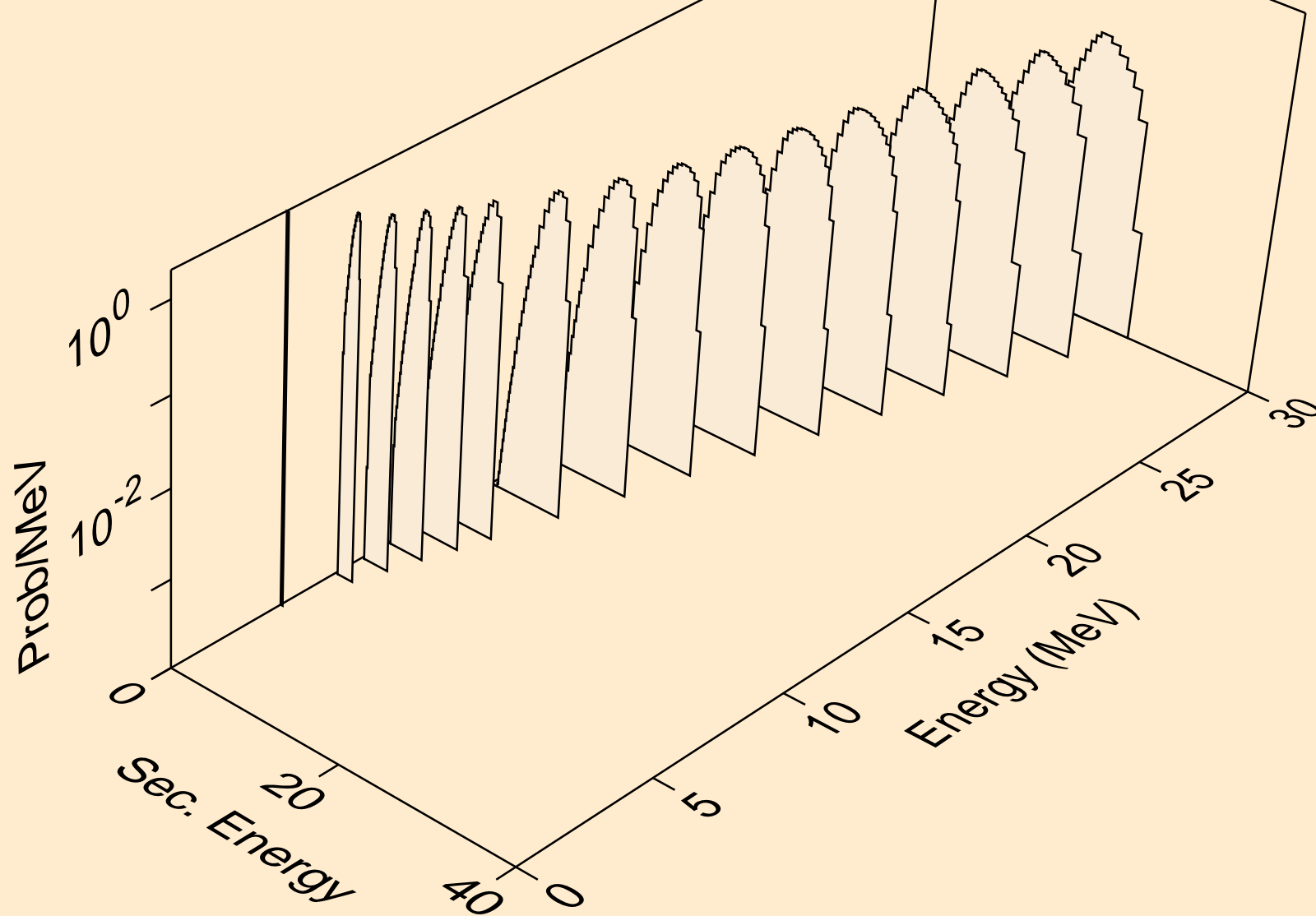
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deuterons from (s,x)



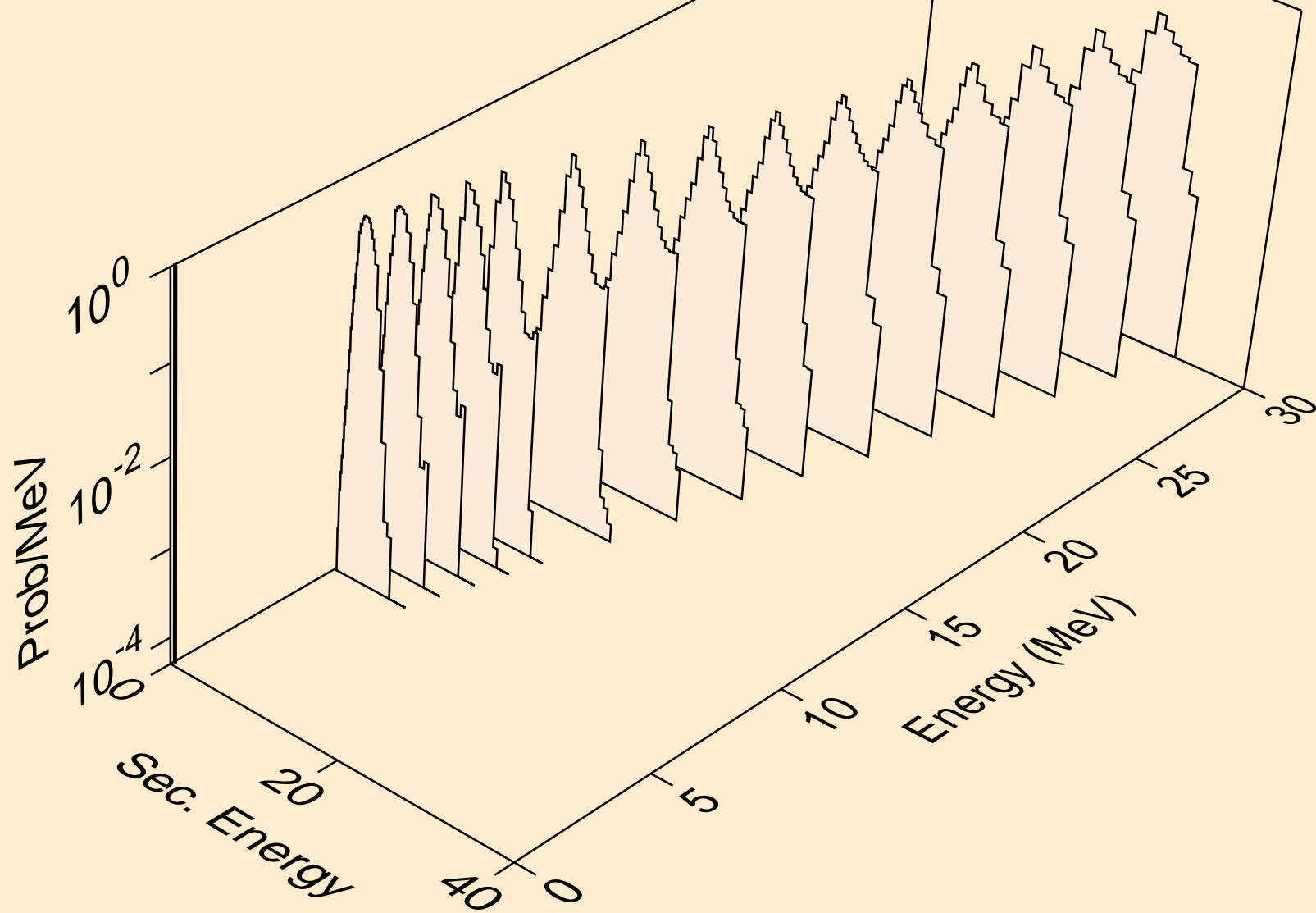
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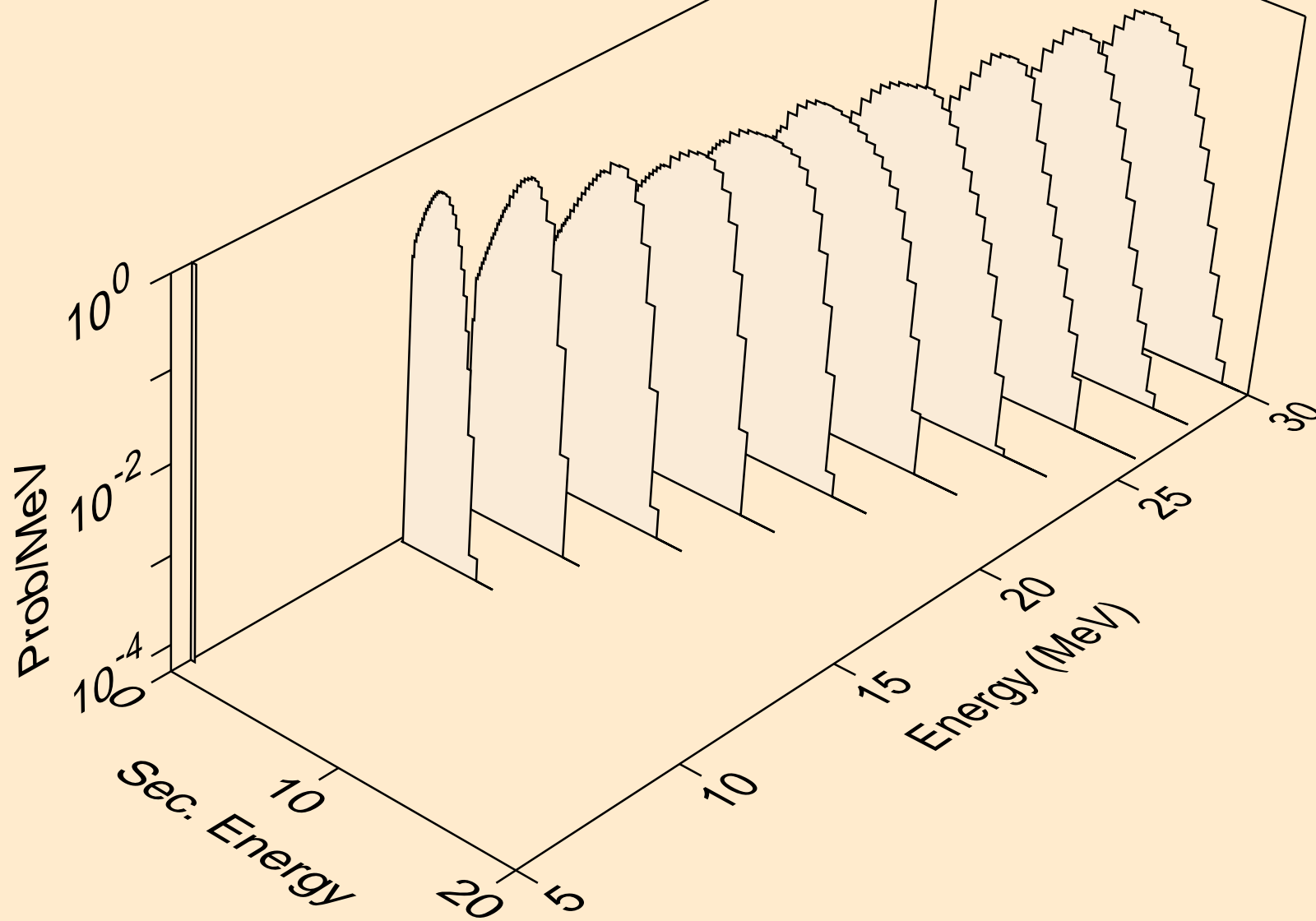
TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,n\*)d



TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,d)

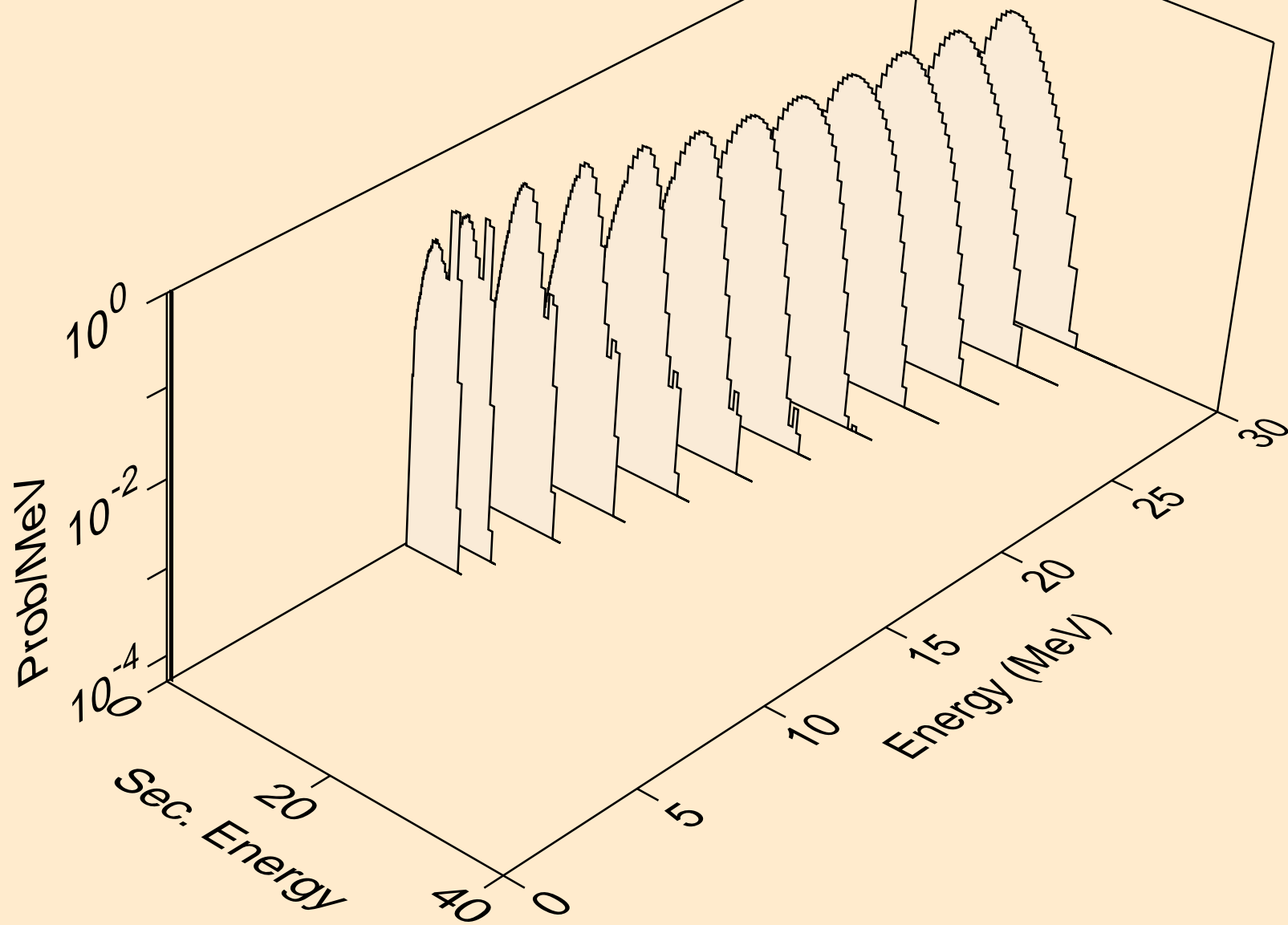


TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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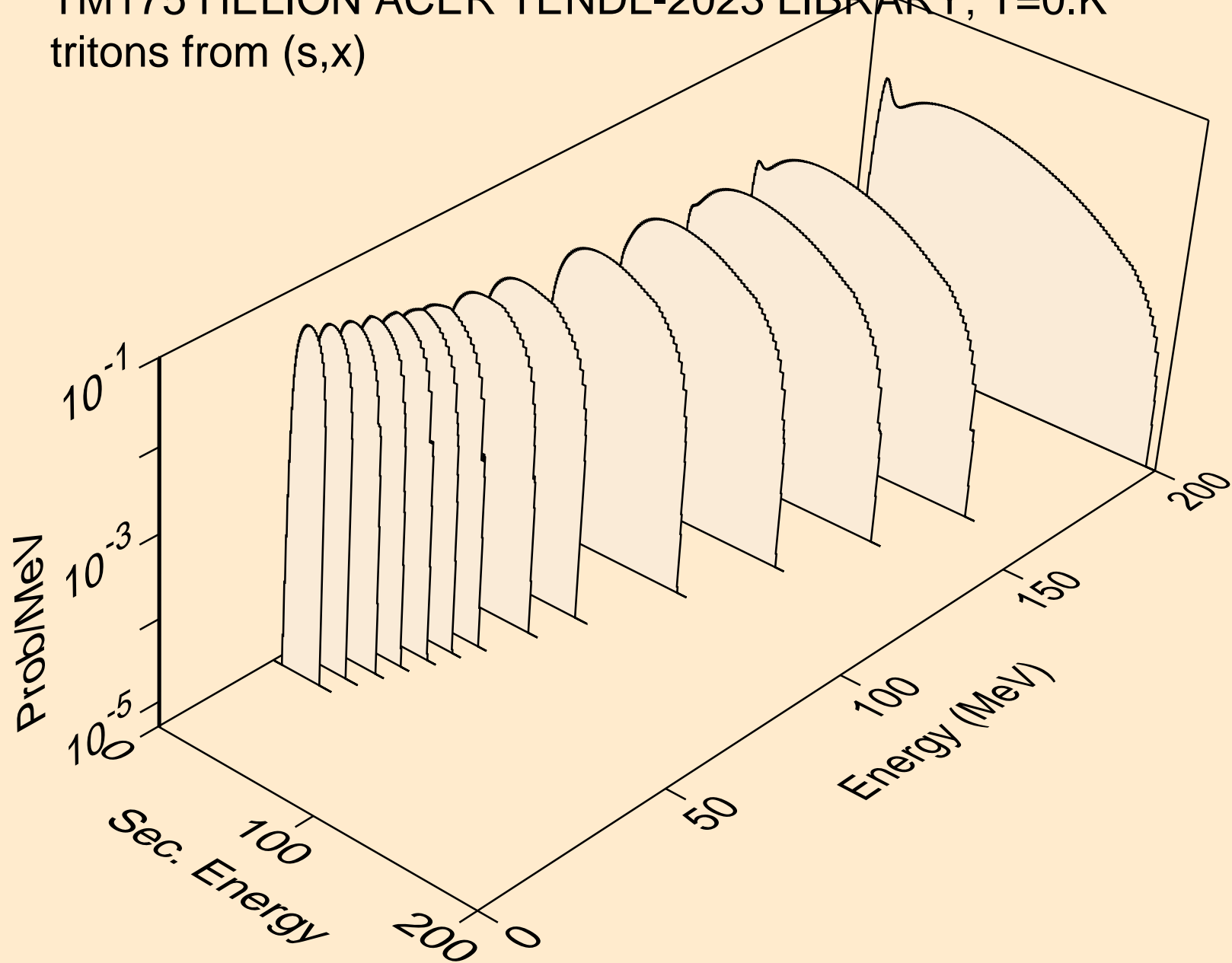




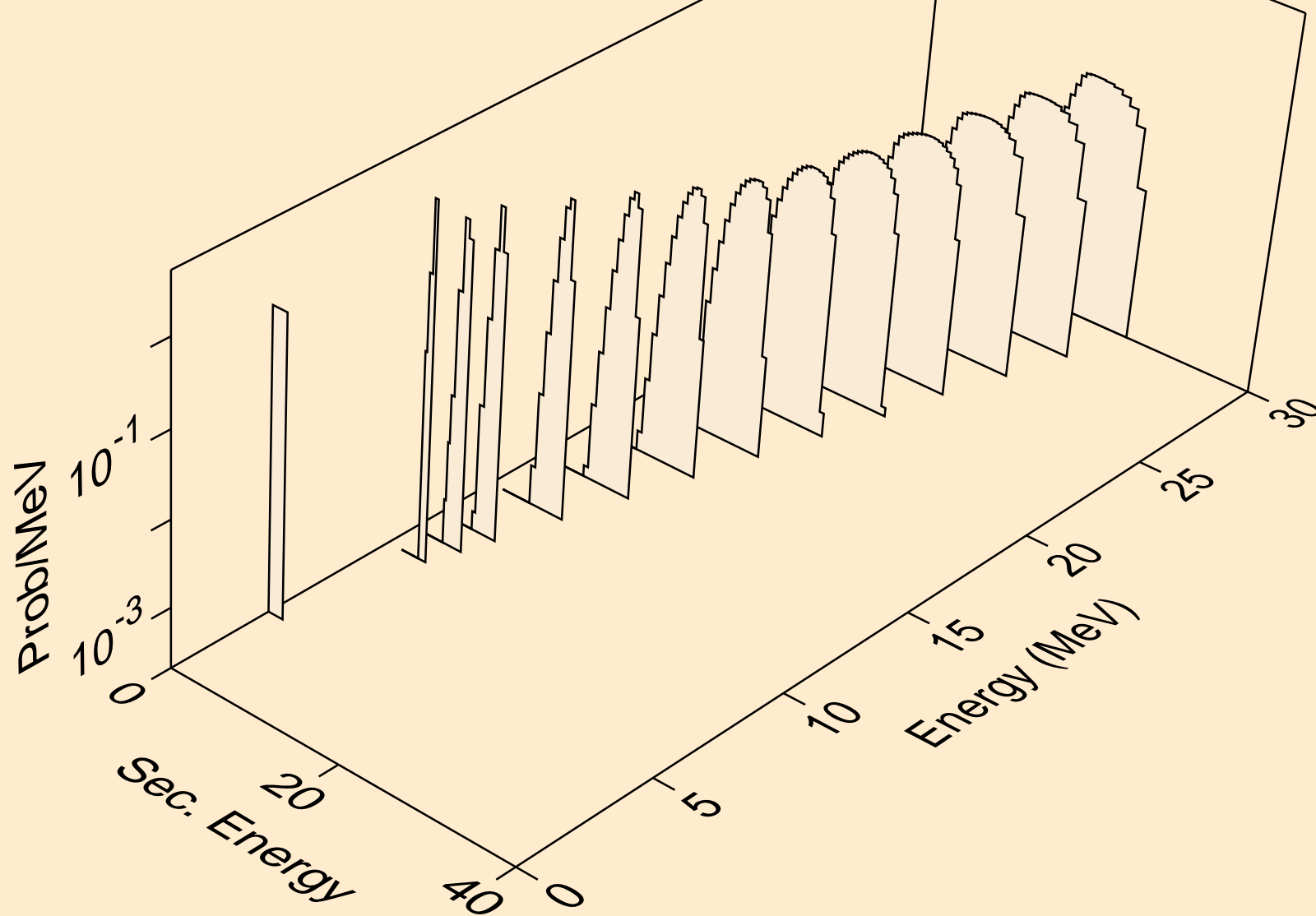
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deuterons from (s,da)



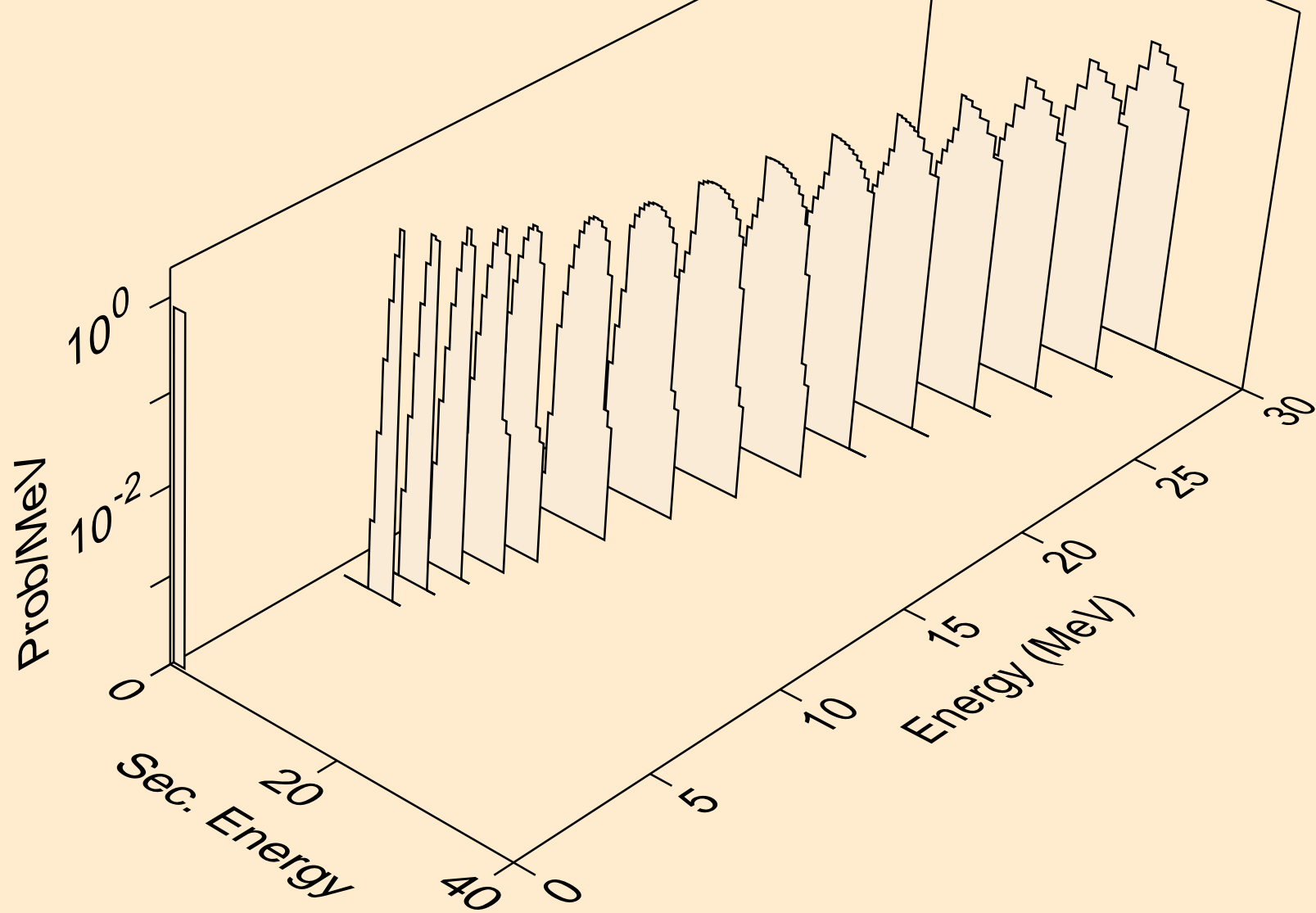
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tritons from (s,x)



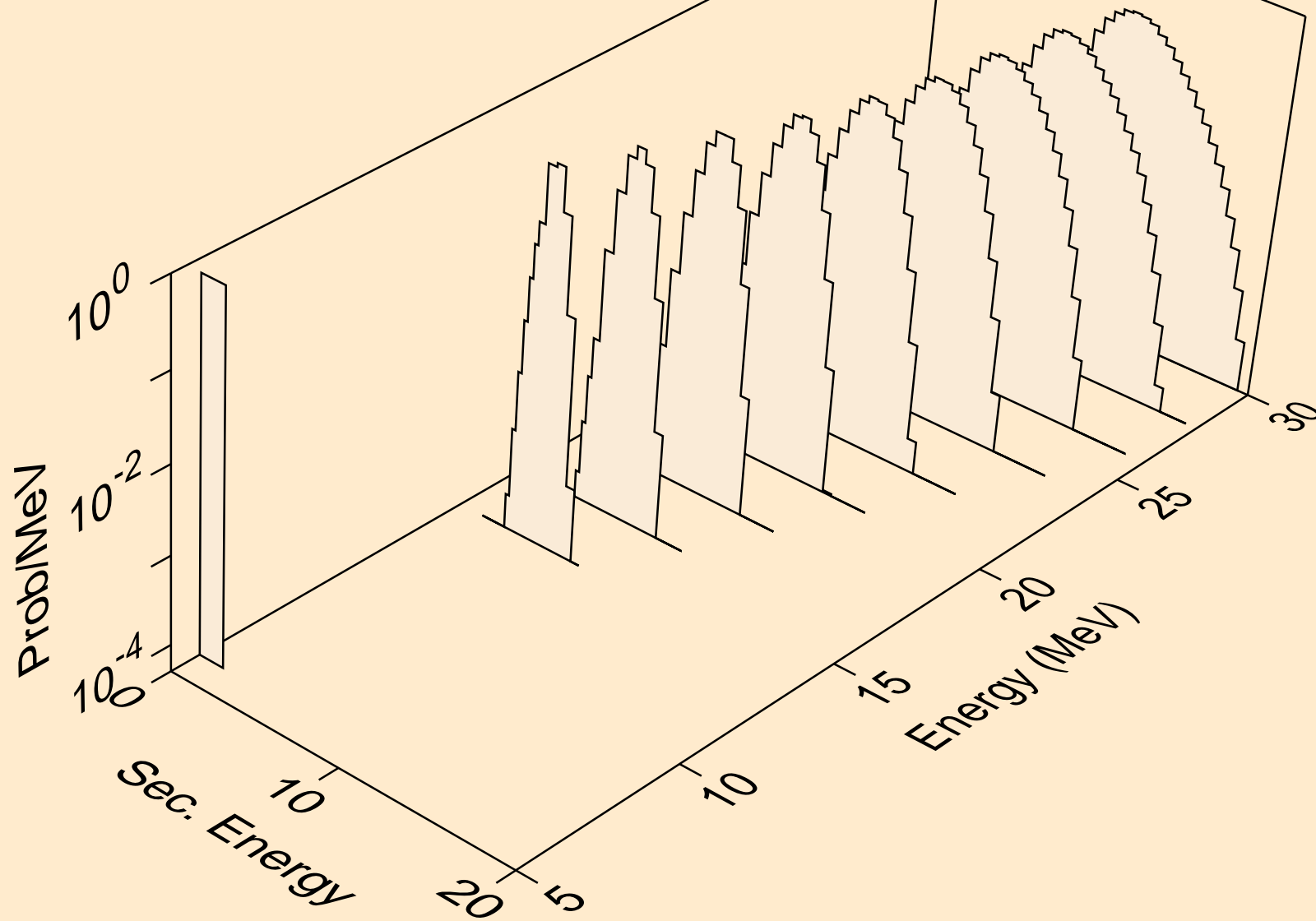
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tritons from (s,n\*)t



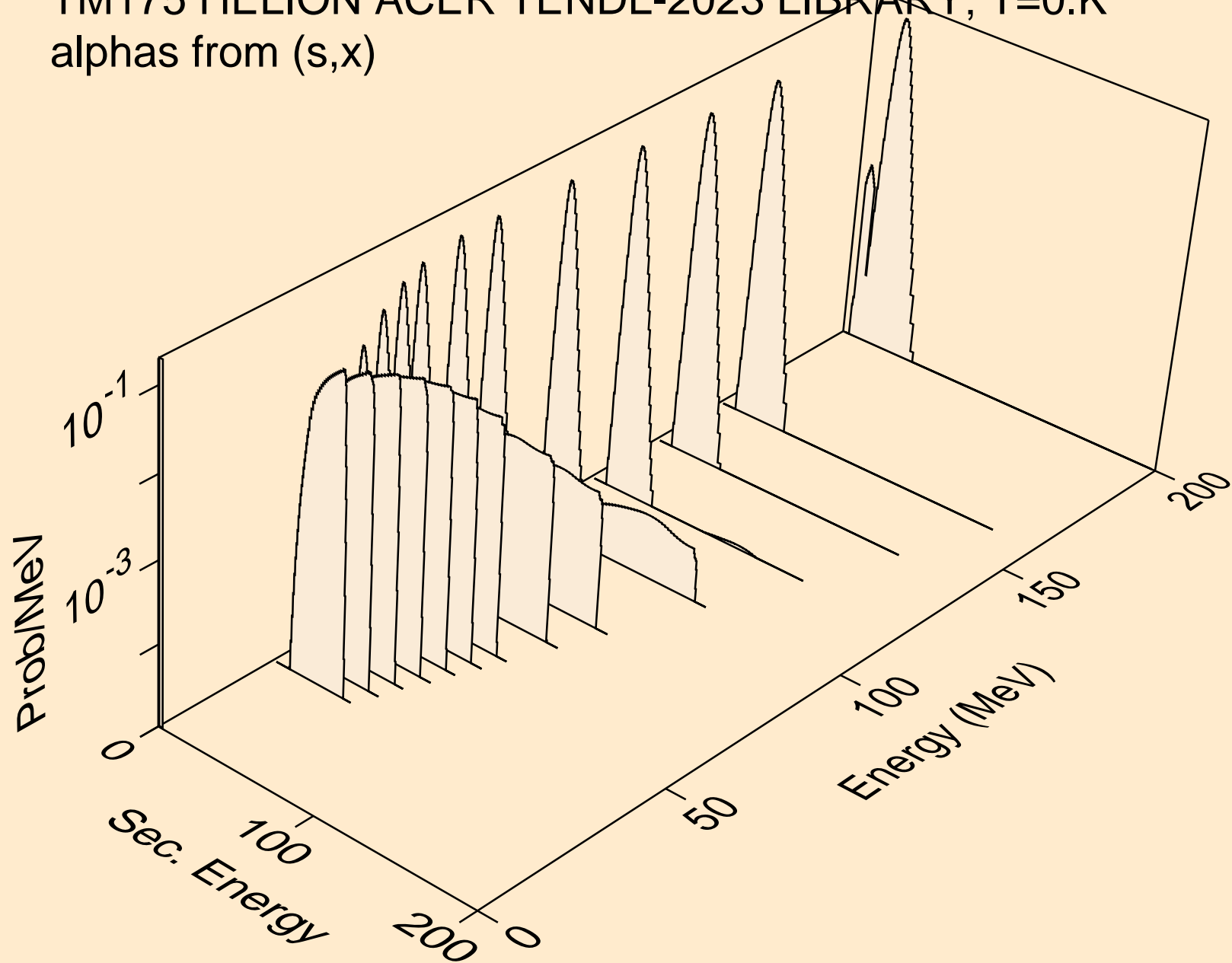
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tritons from (s,t)



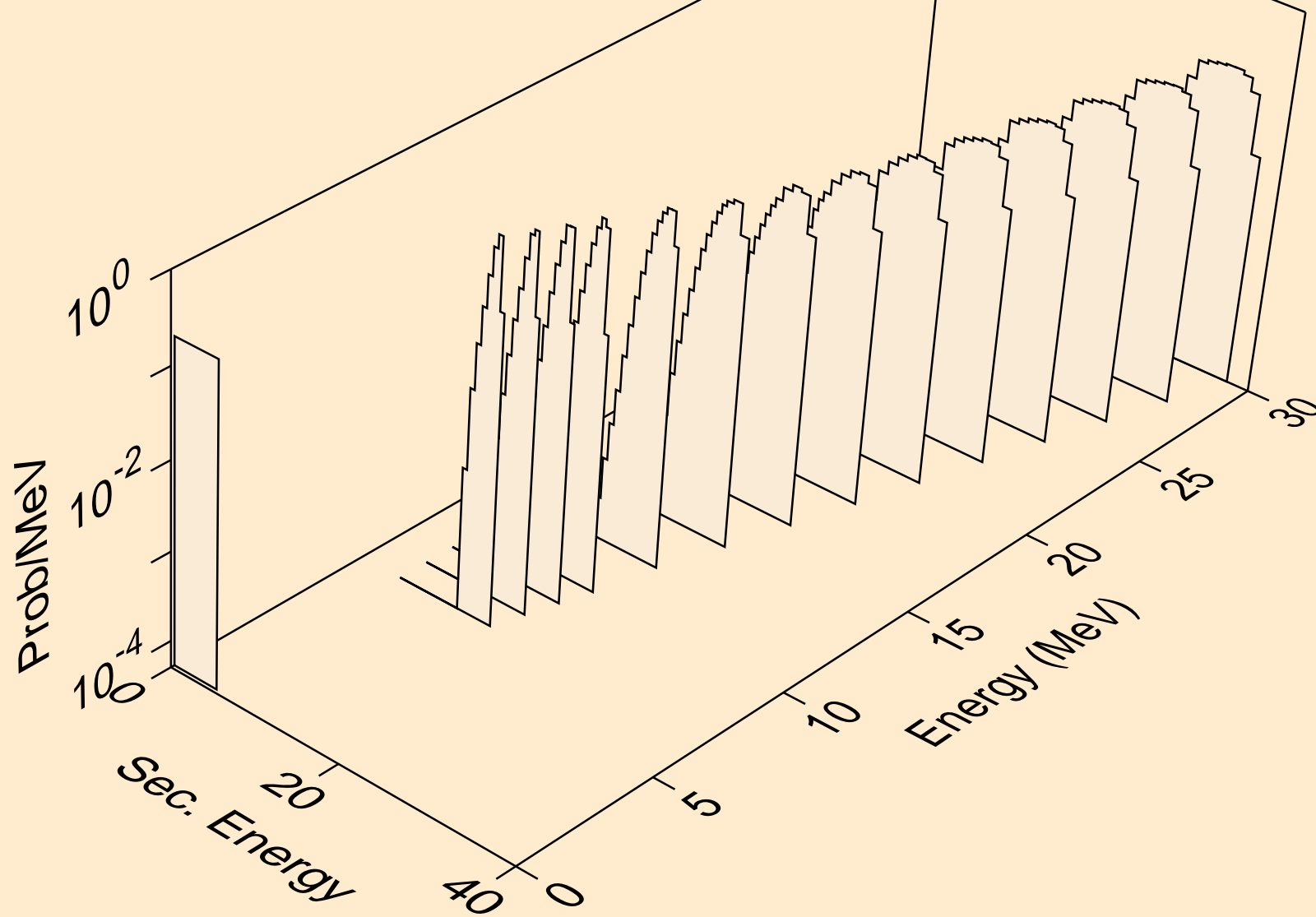
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tritons from (s,pt)



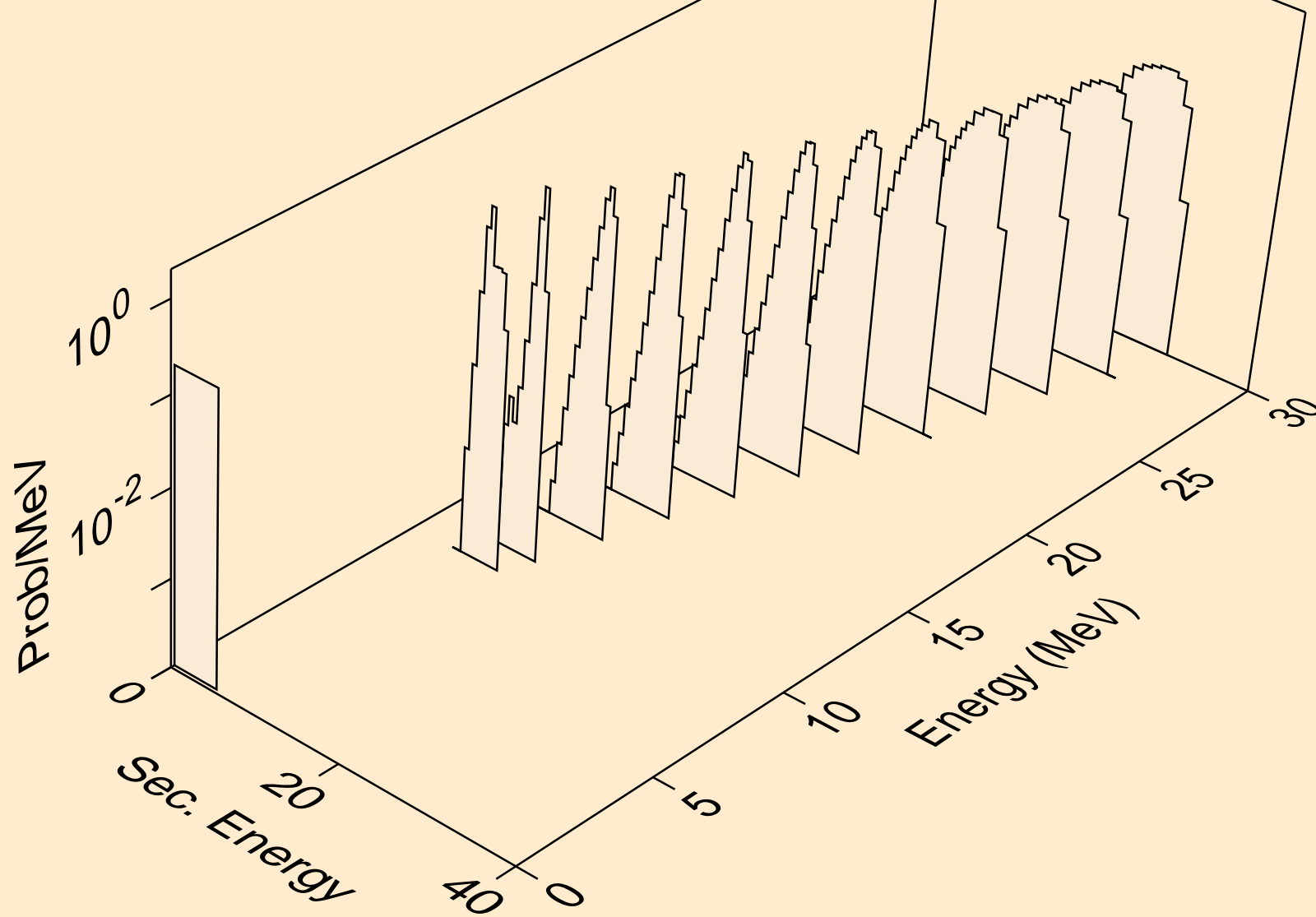
TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,x)



TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)a

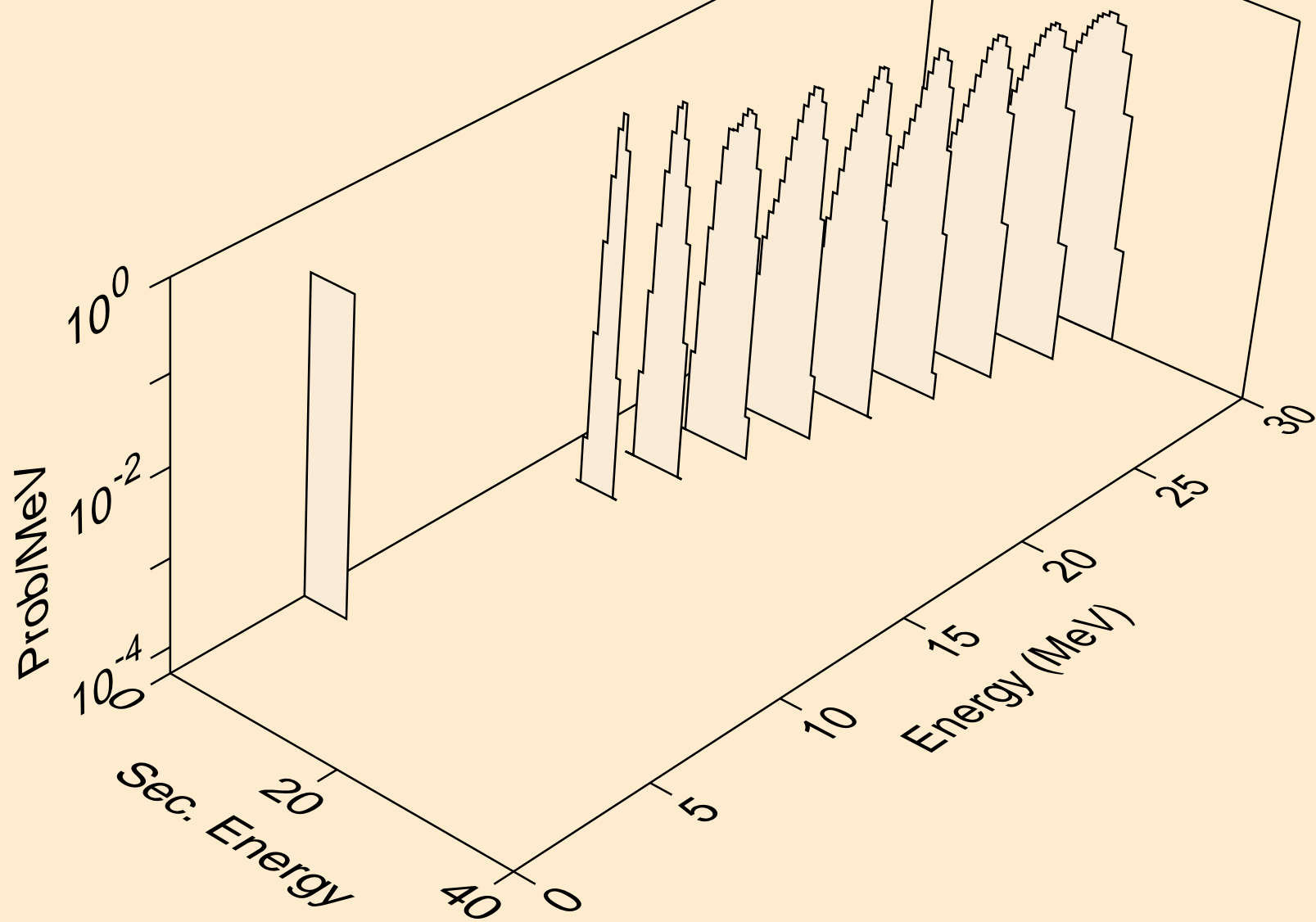


TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2n)a

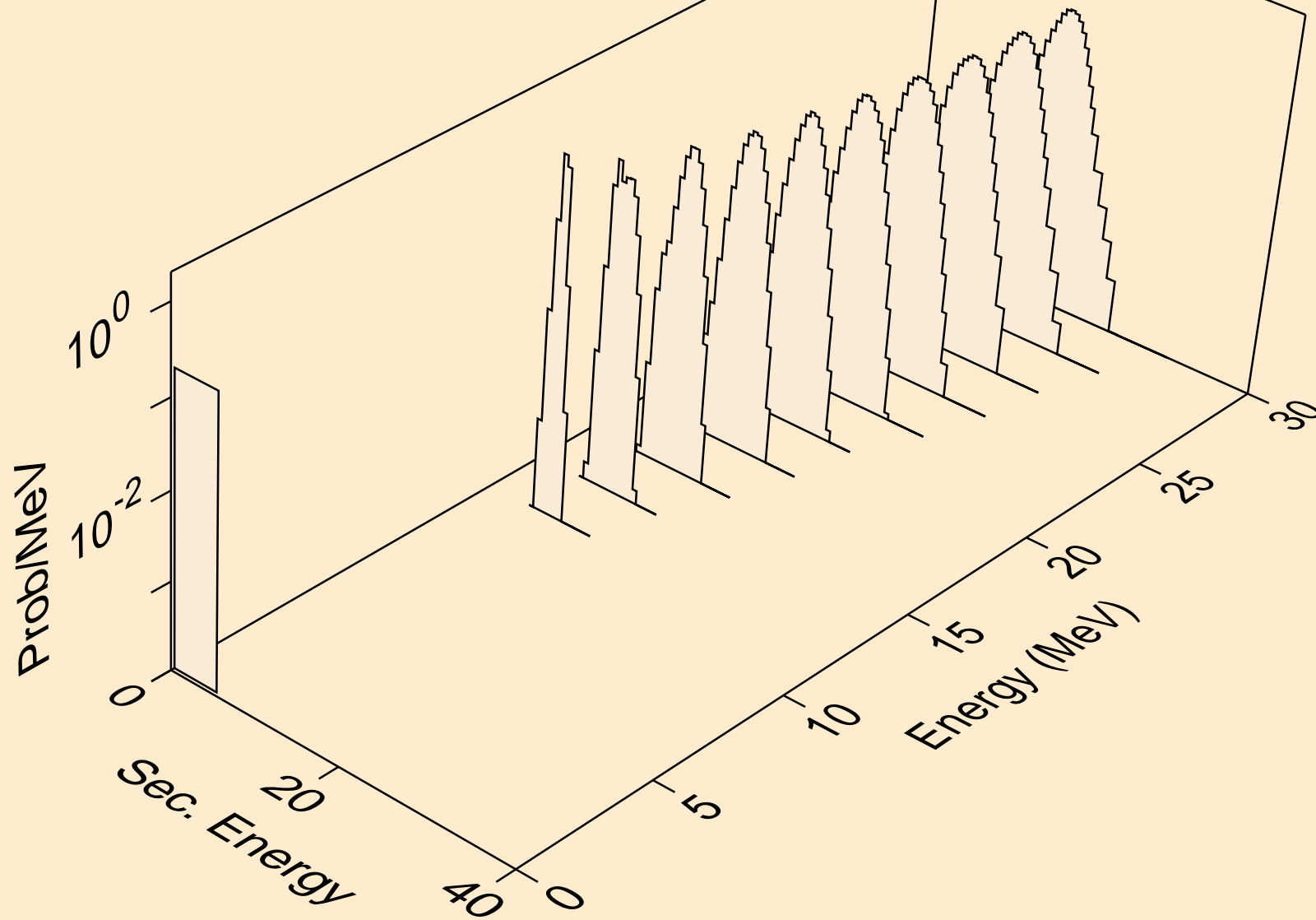




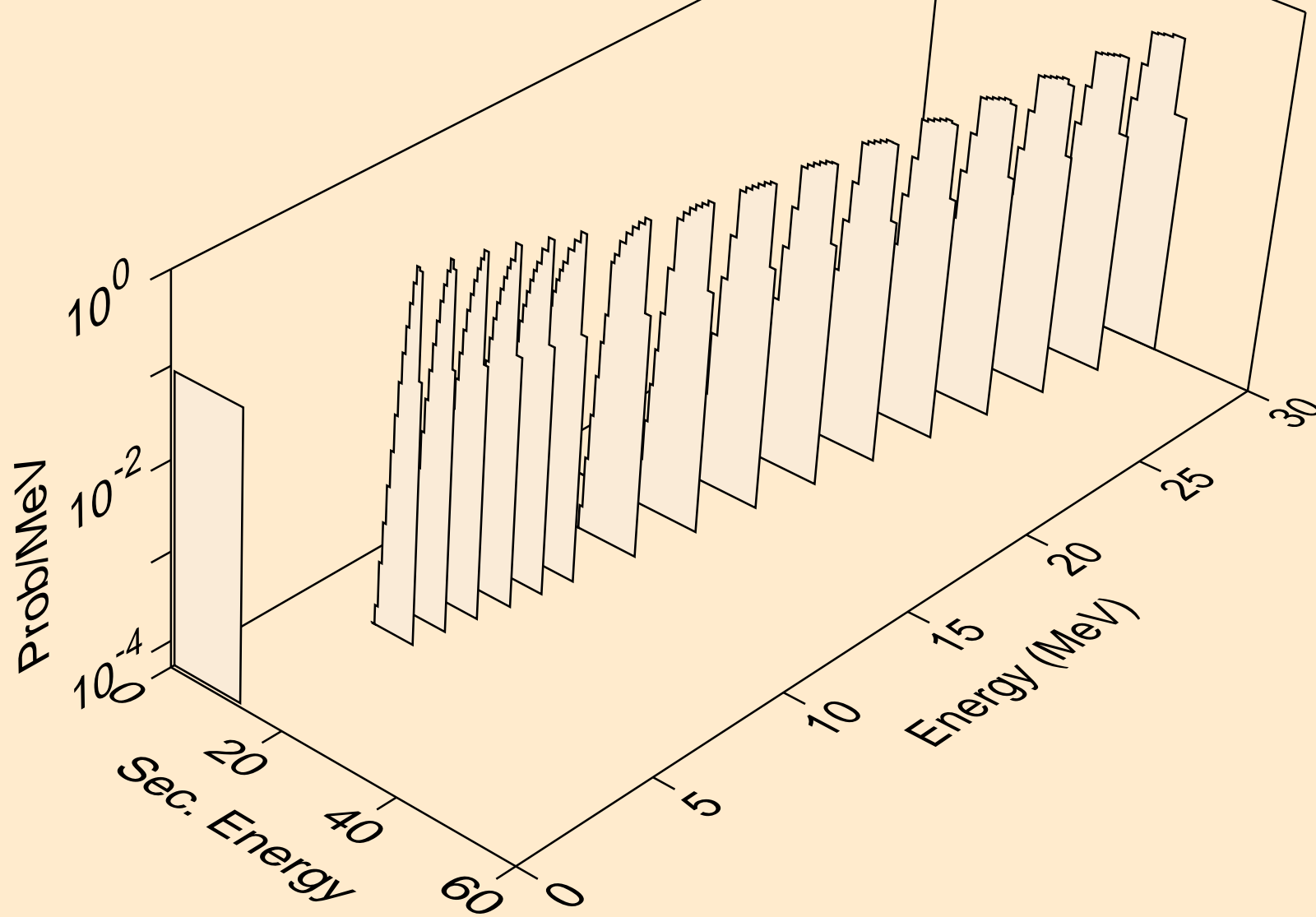
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alphas from (s,3n)a



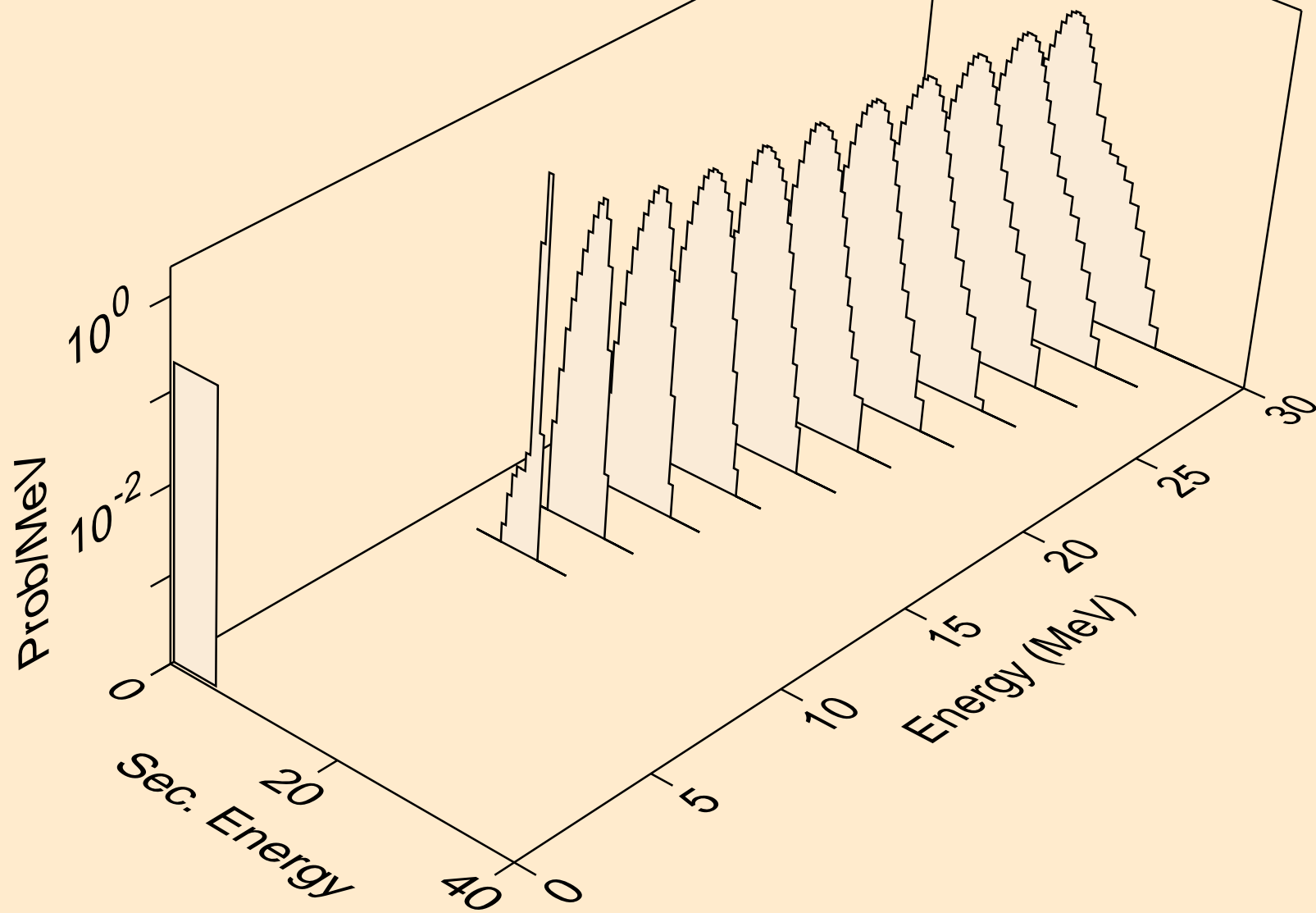
TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,npa)



TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,a)



TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,pa)



TM175 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,da)

