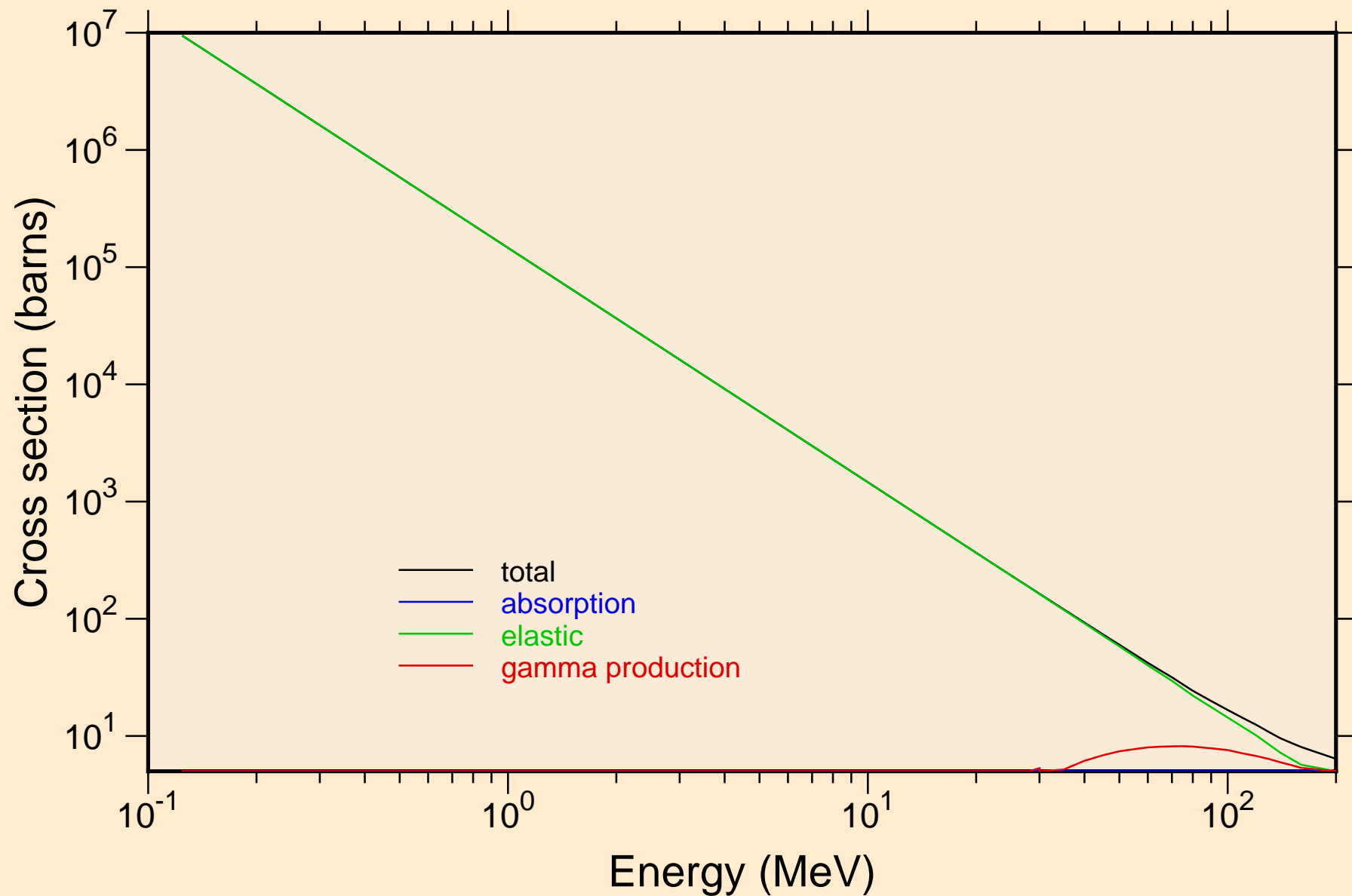
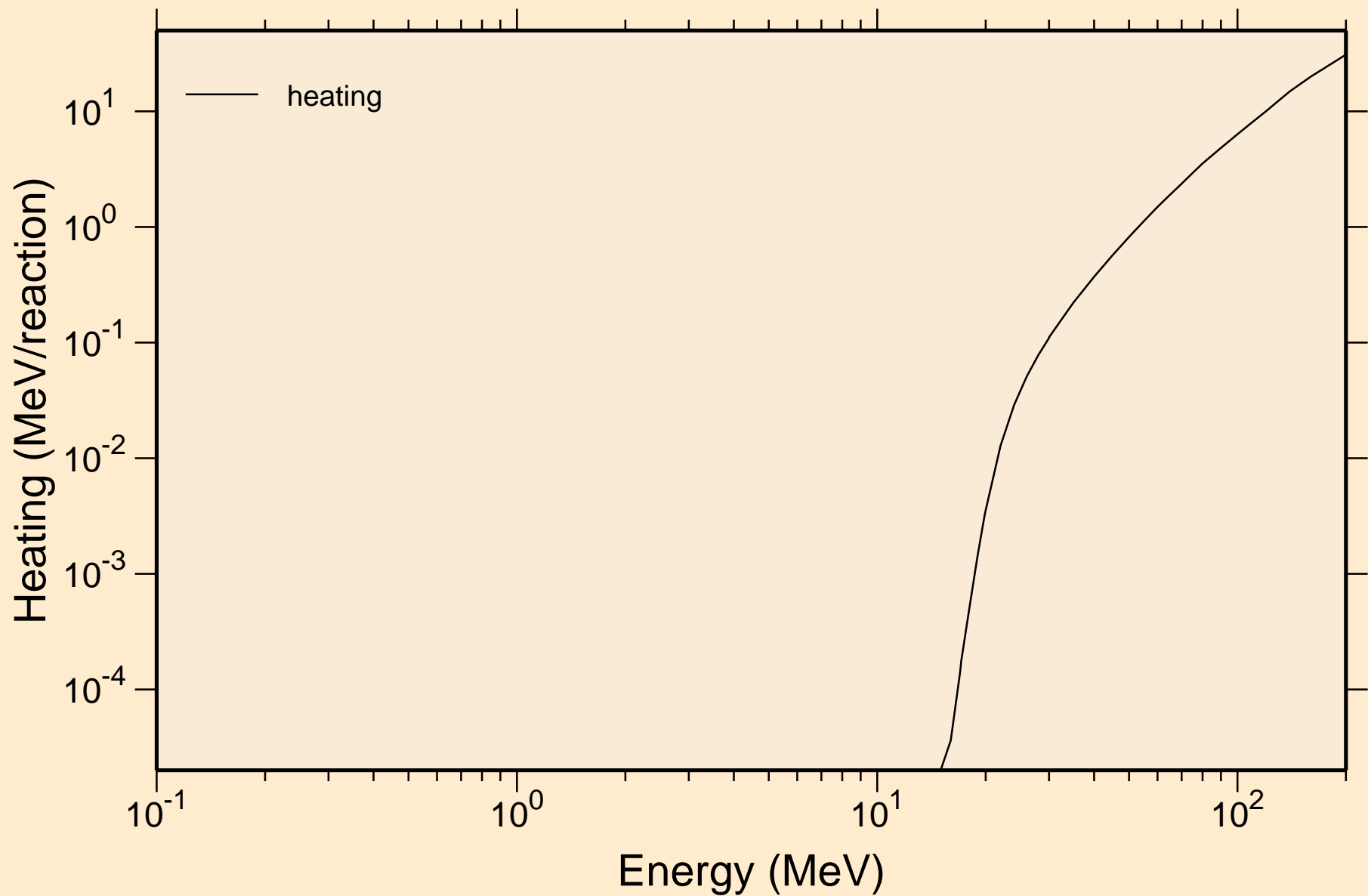


# OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

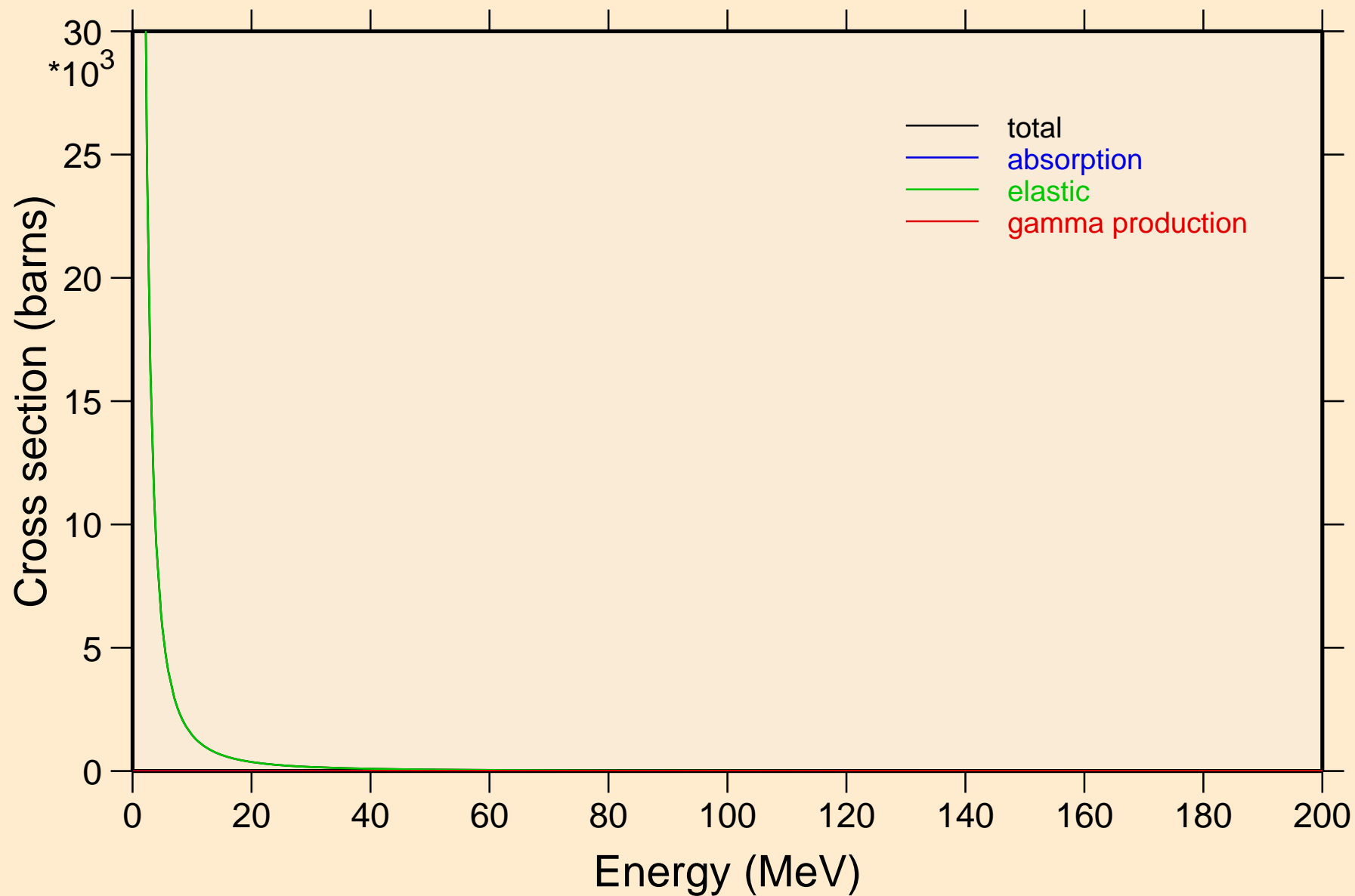


OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Heating

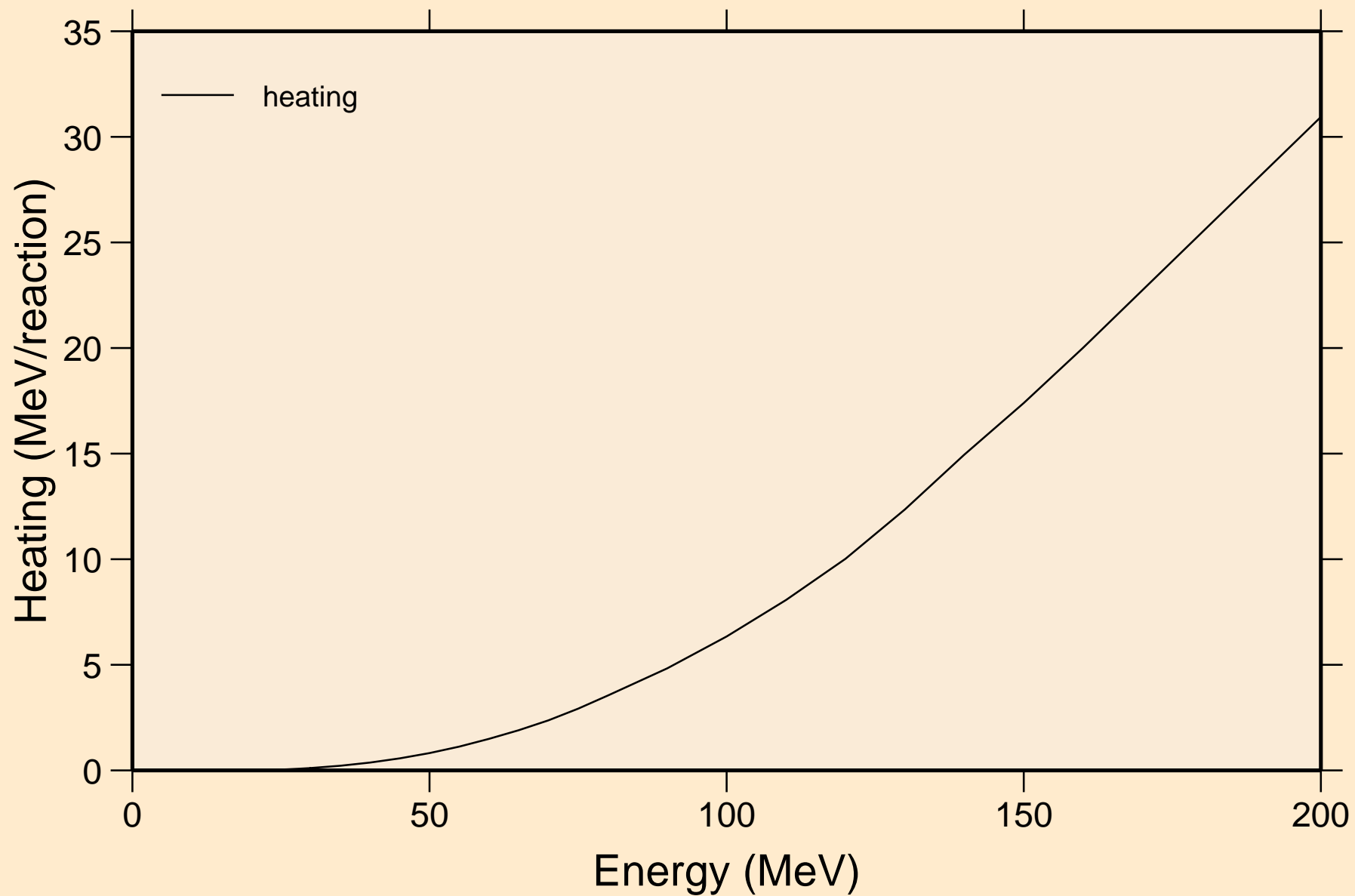


# OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

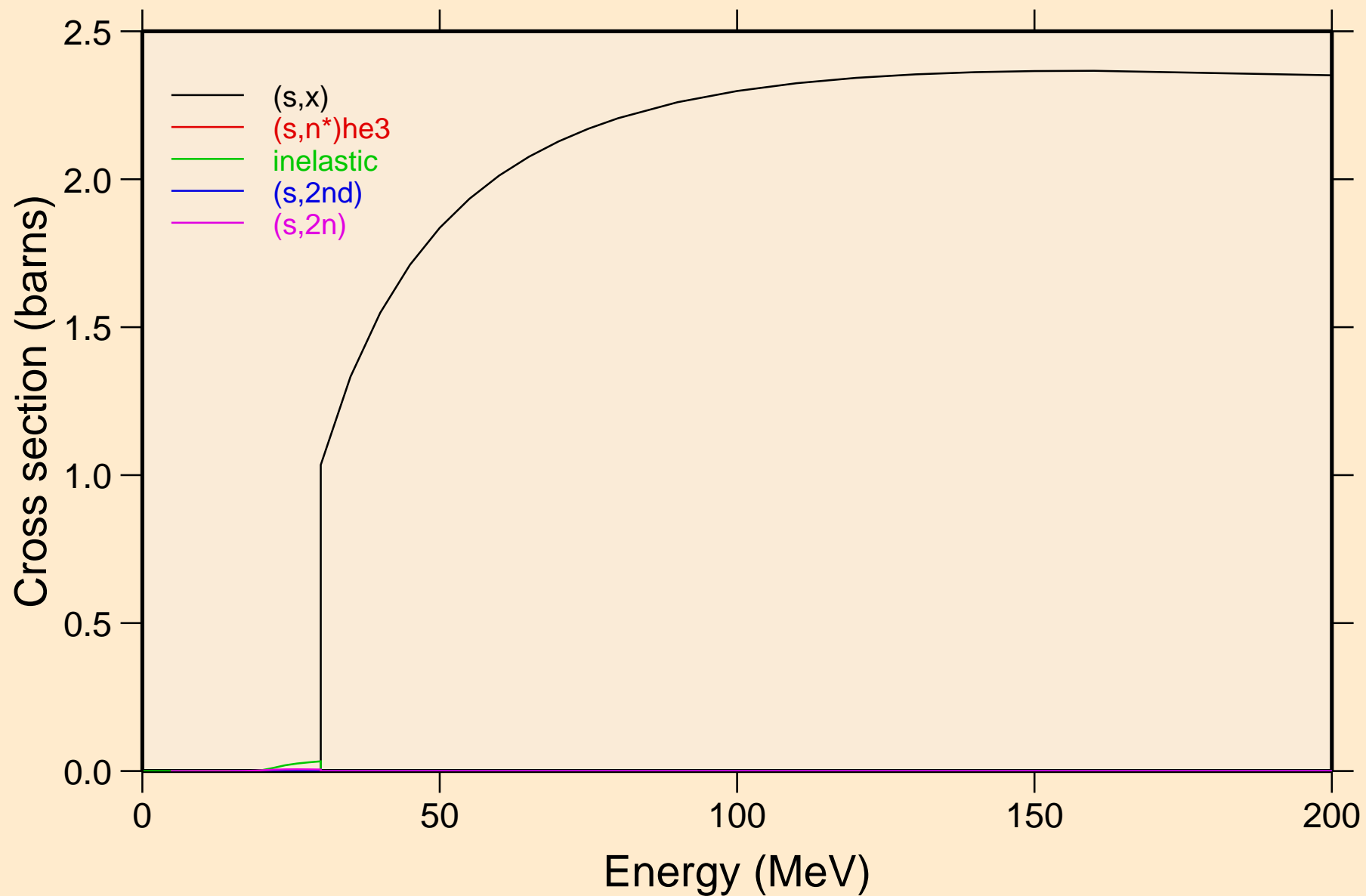


OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Heating

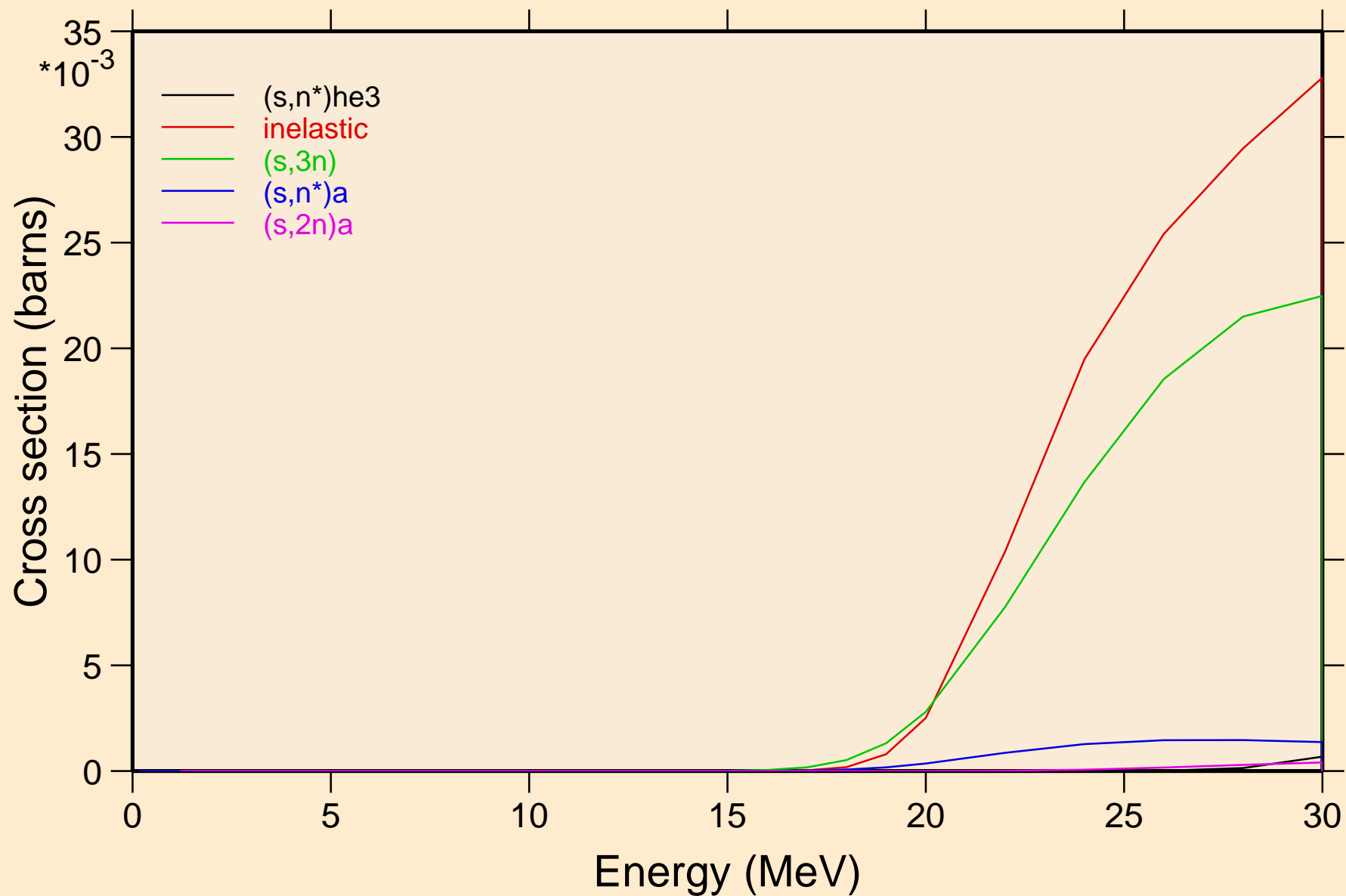


# OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K

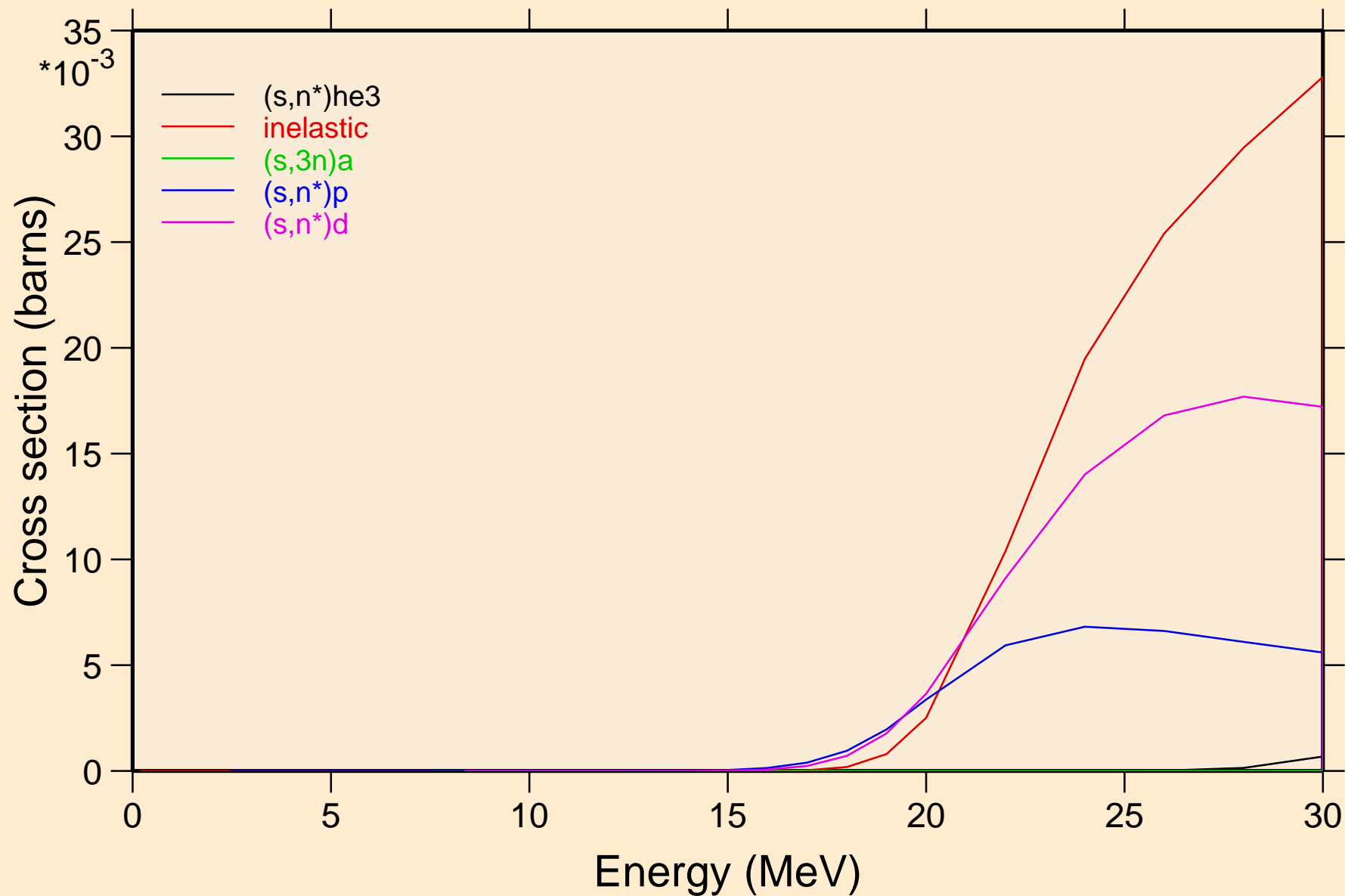
## Threshold reactions



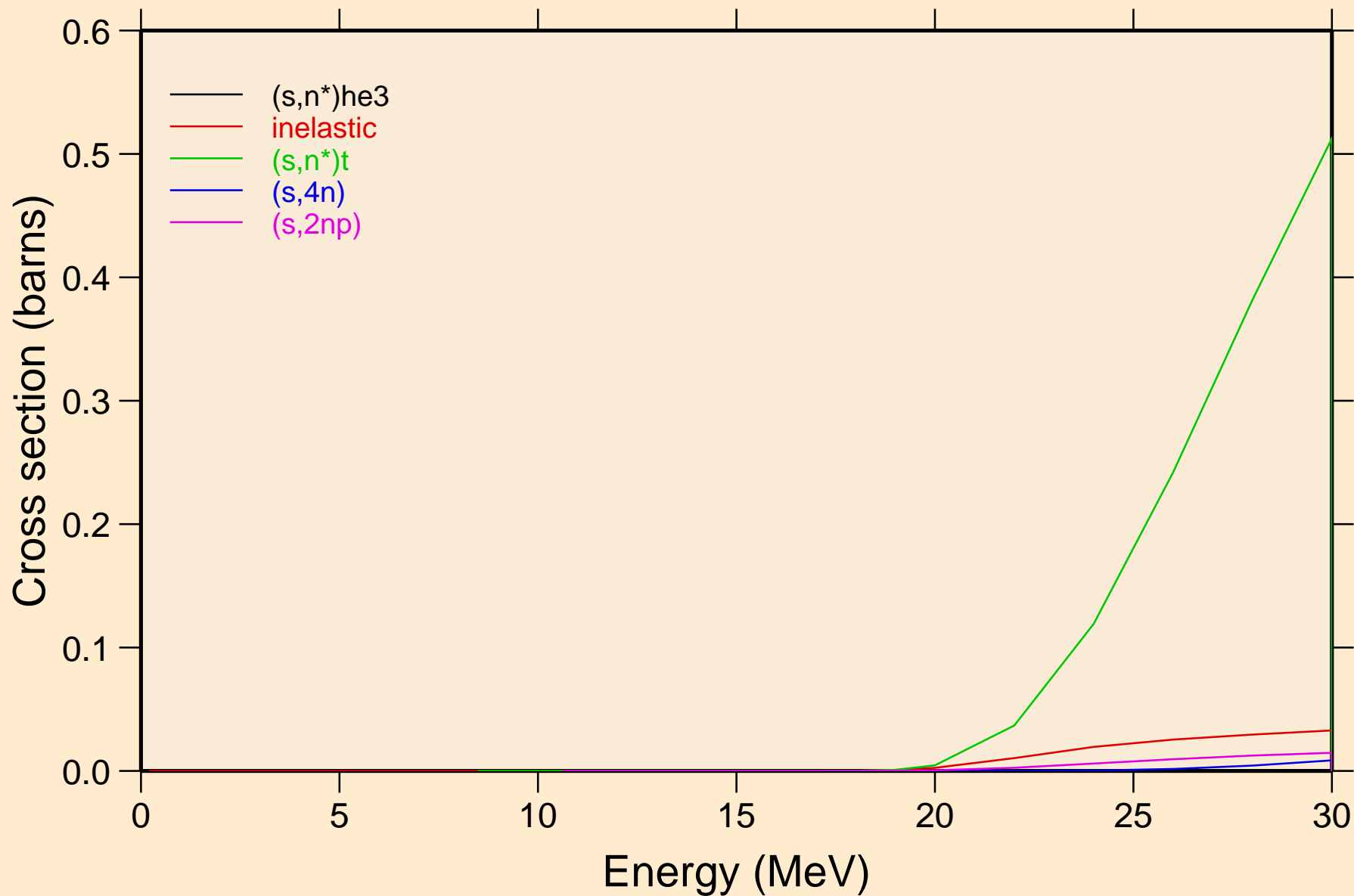
OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



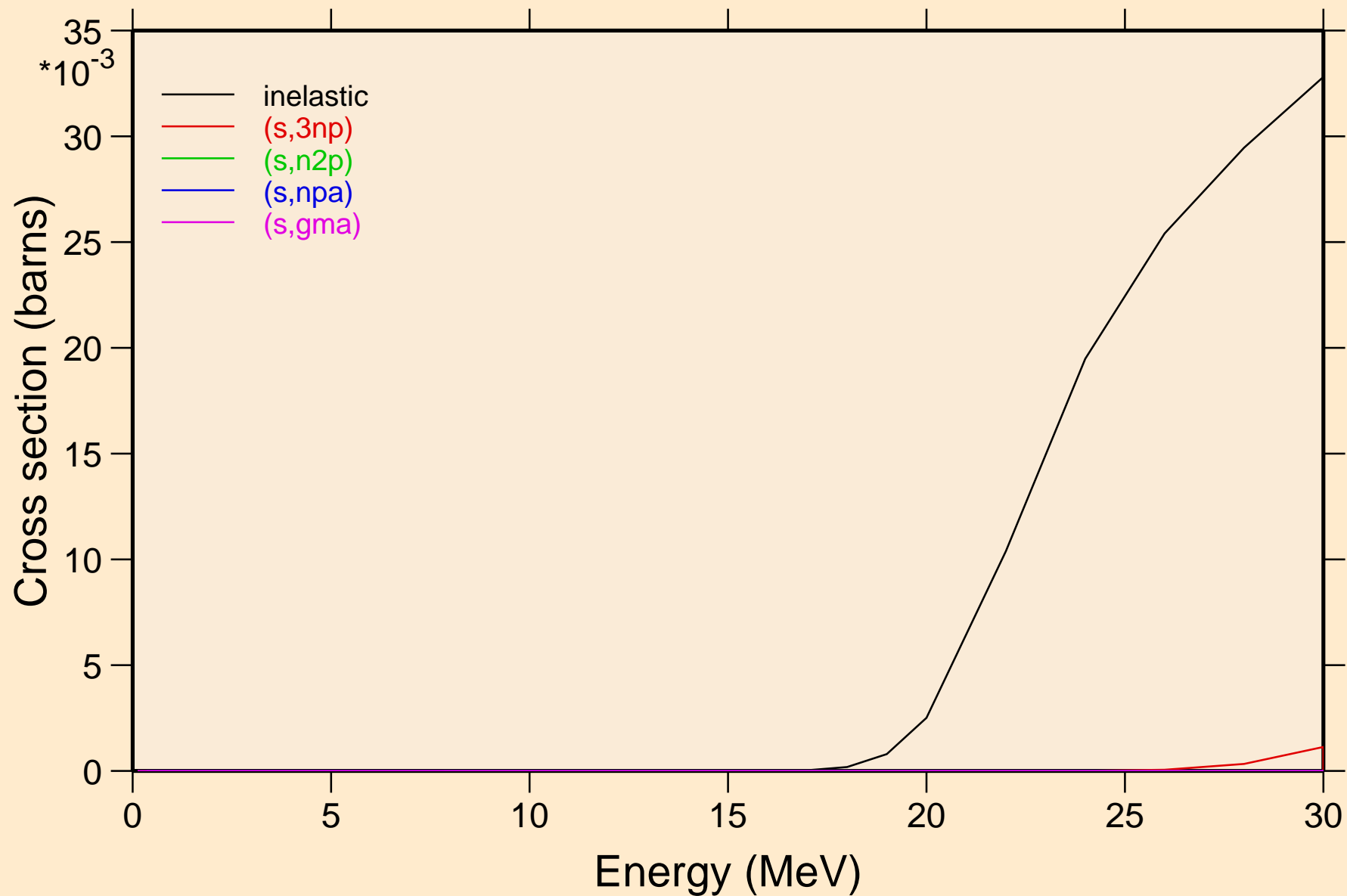
OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



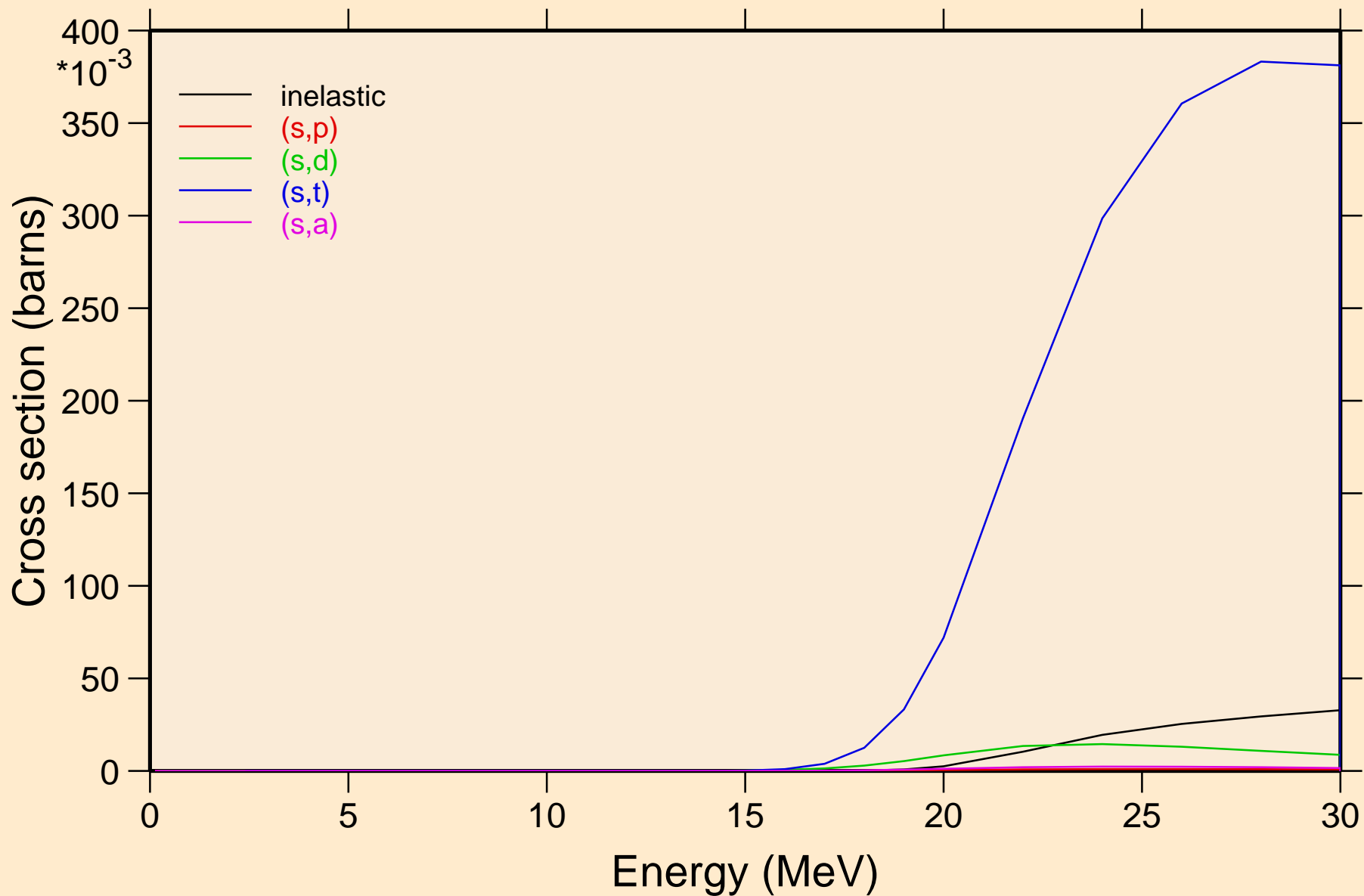


# OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K

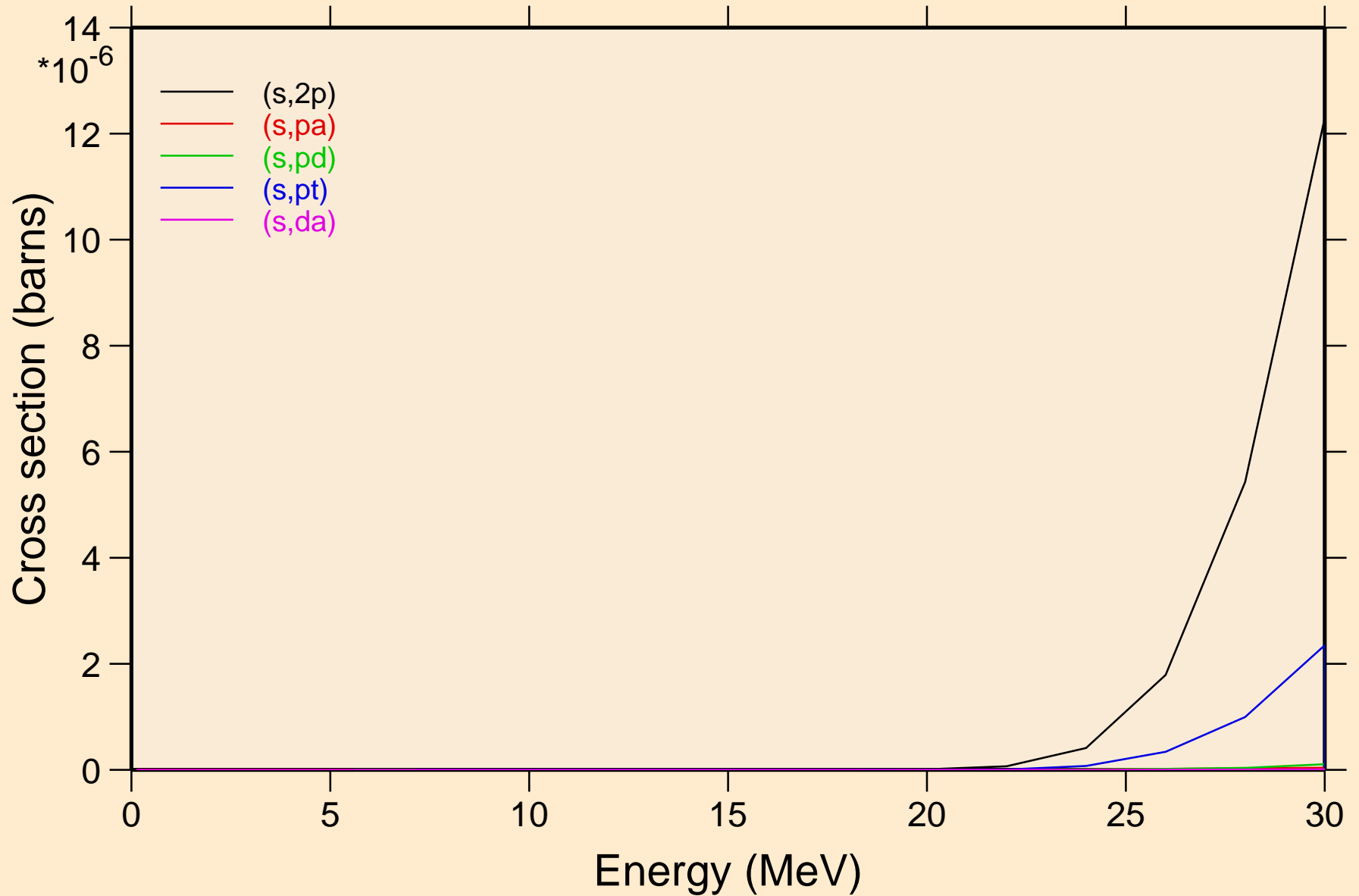
## Threshold reactions



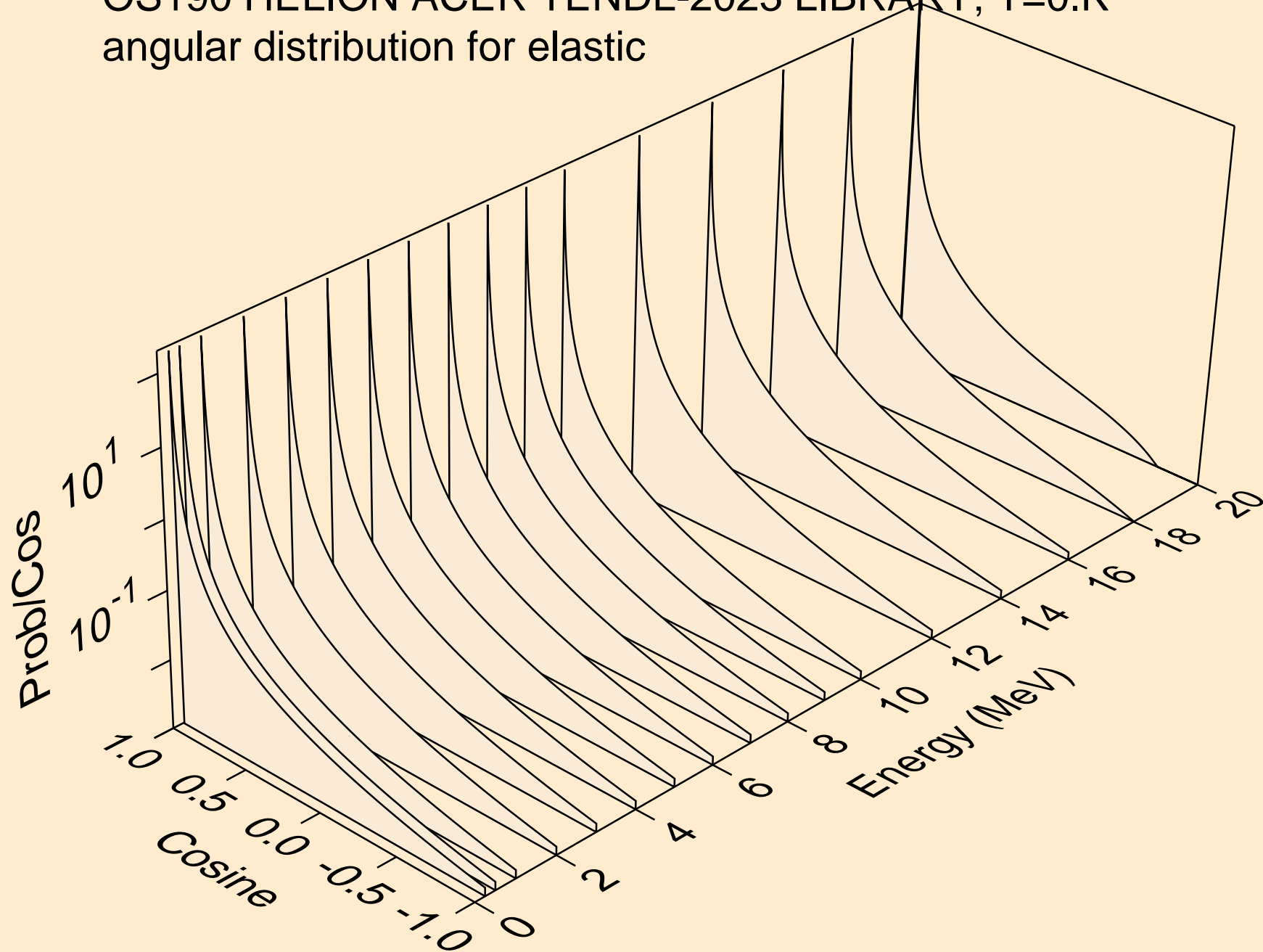
OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



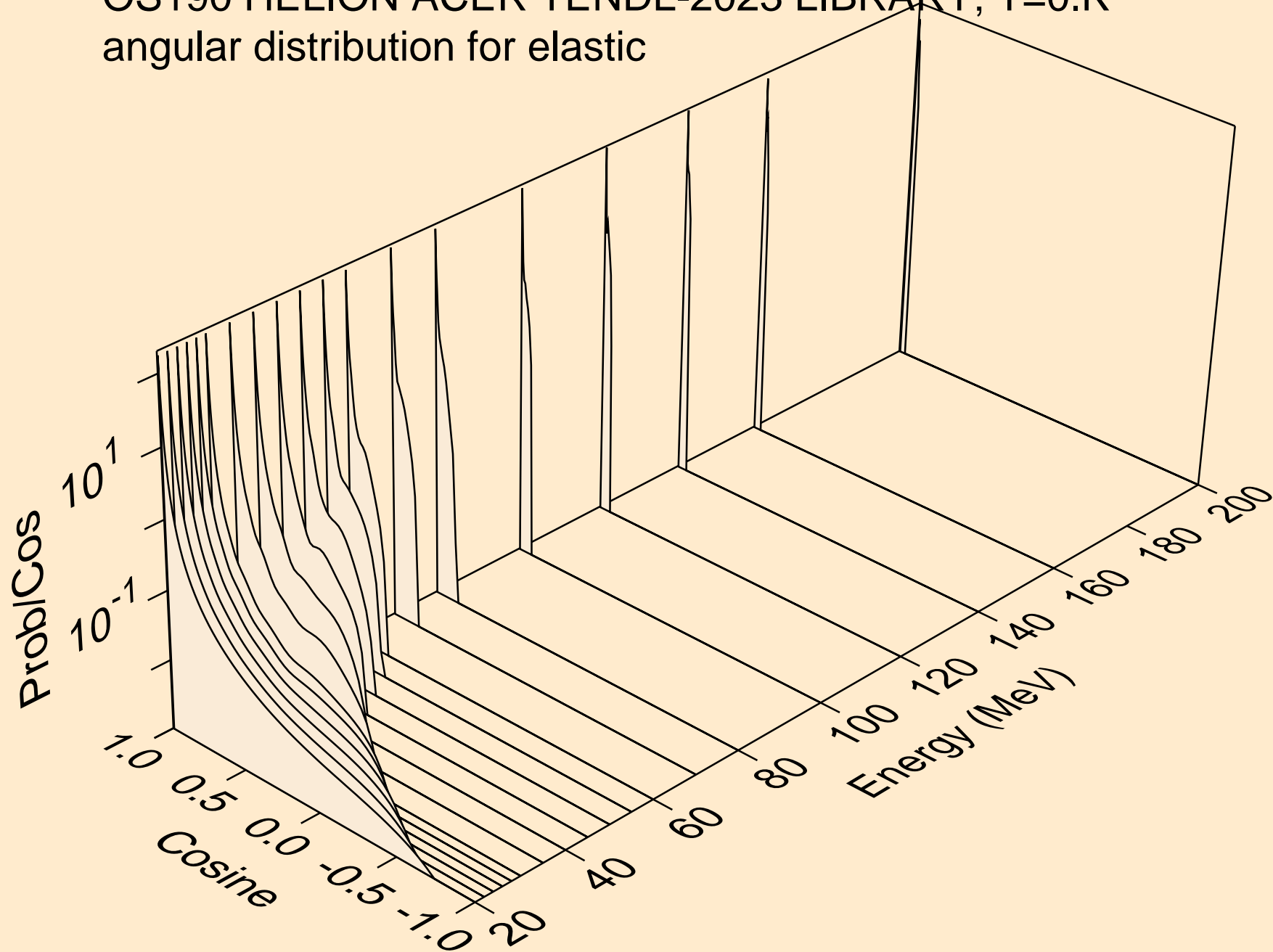
OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



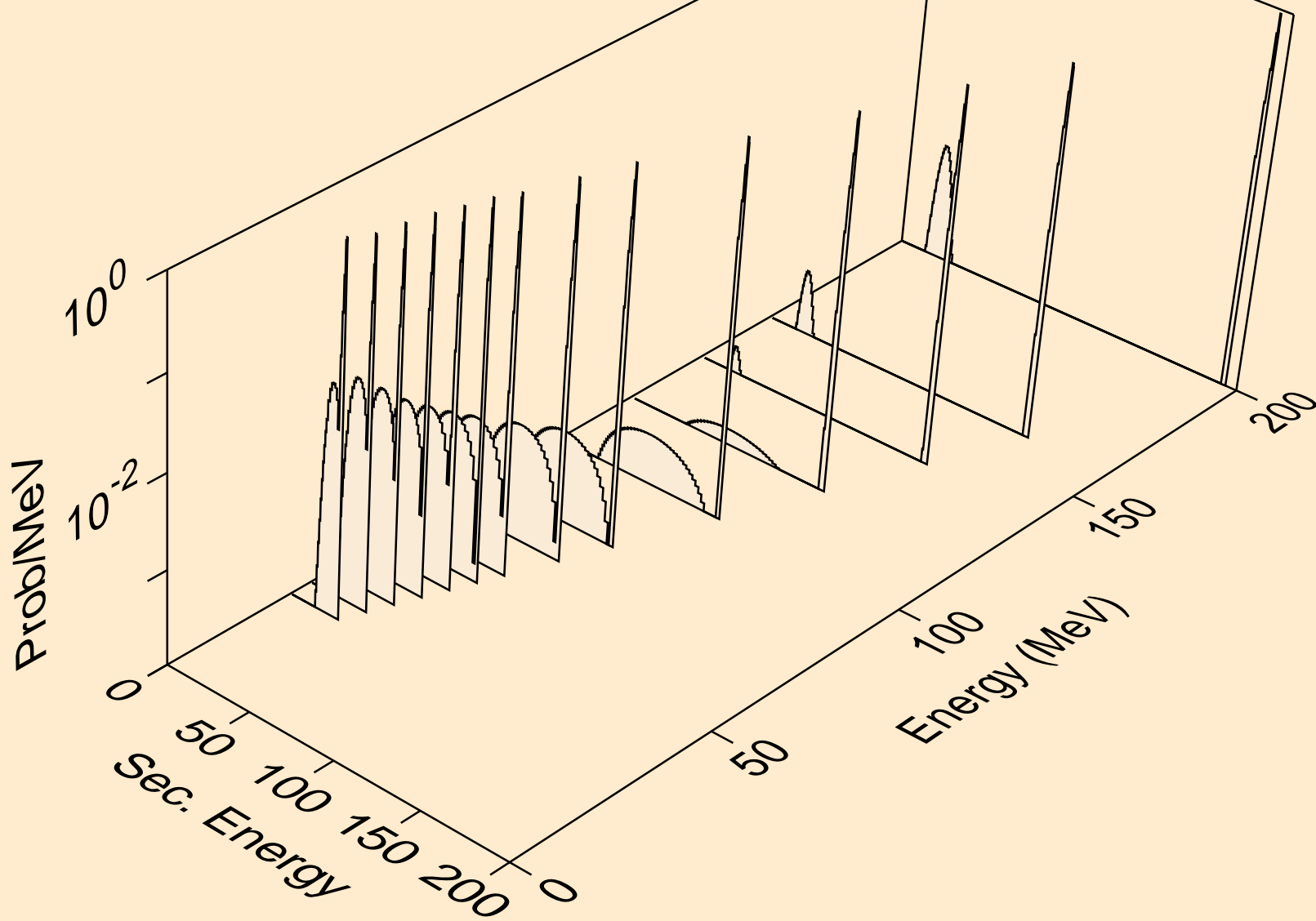
OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



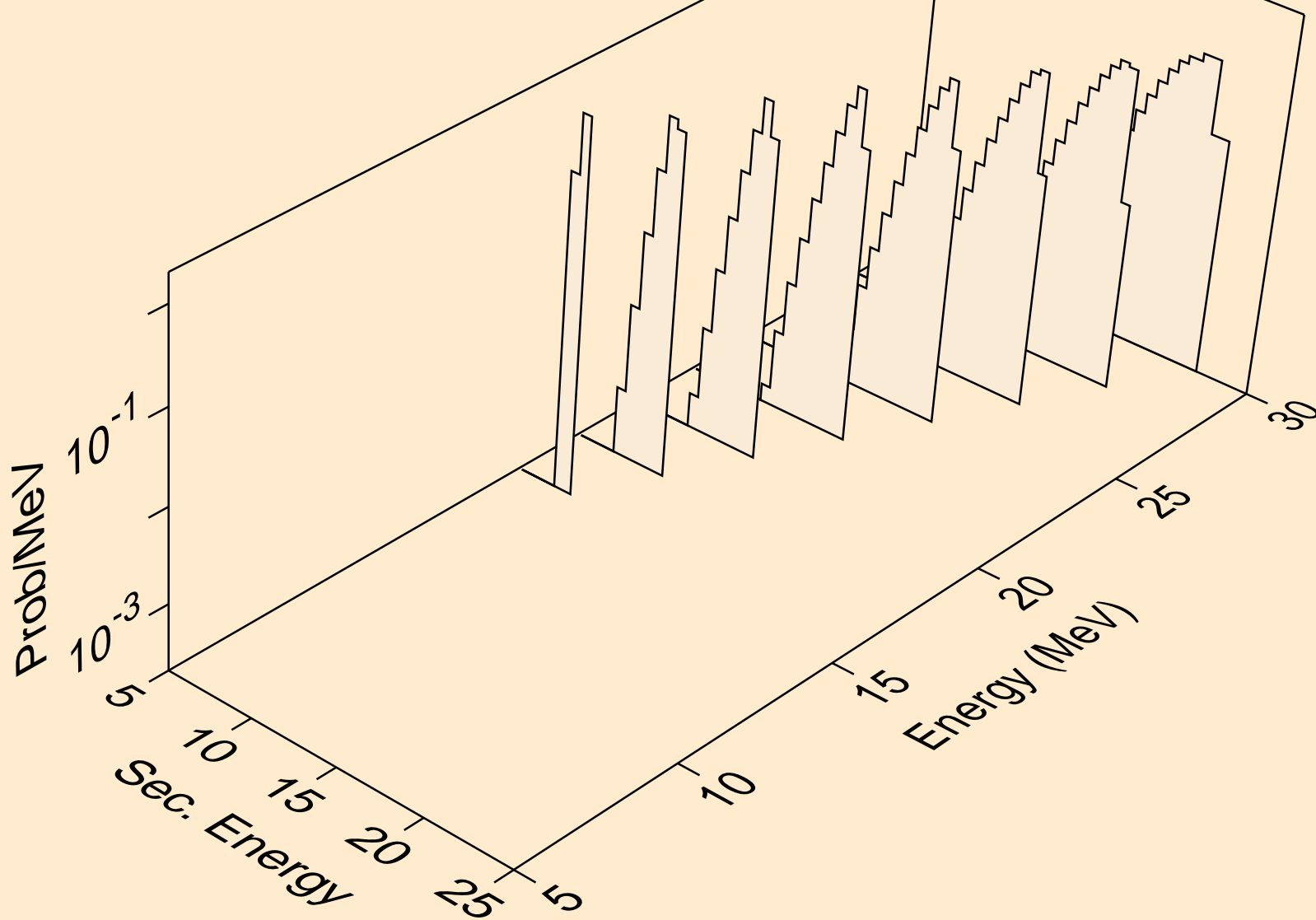
OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



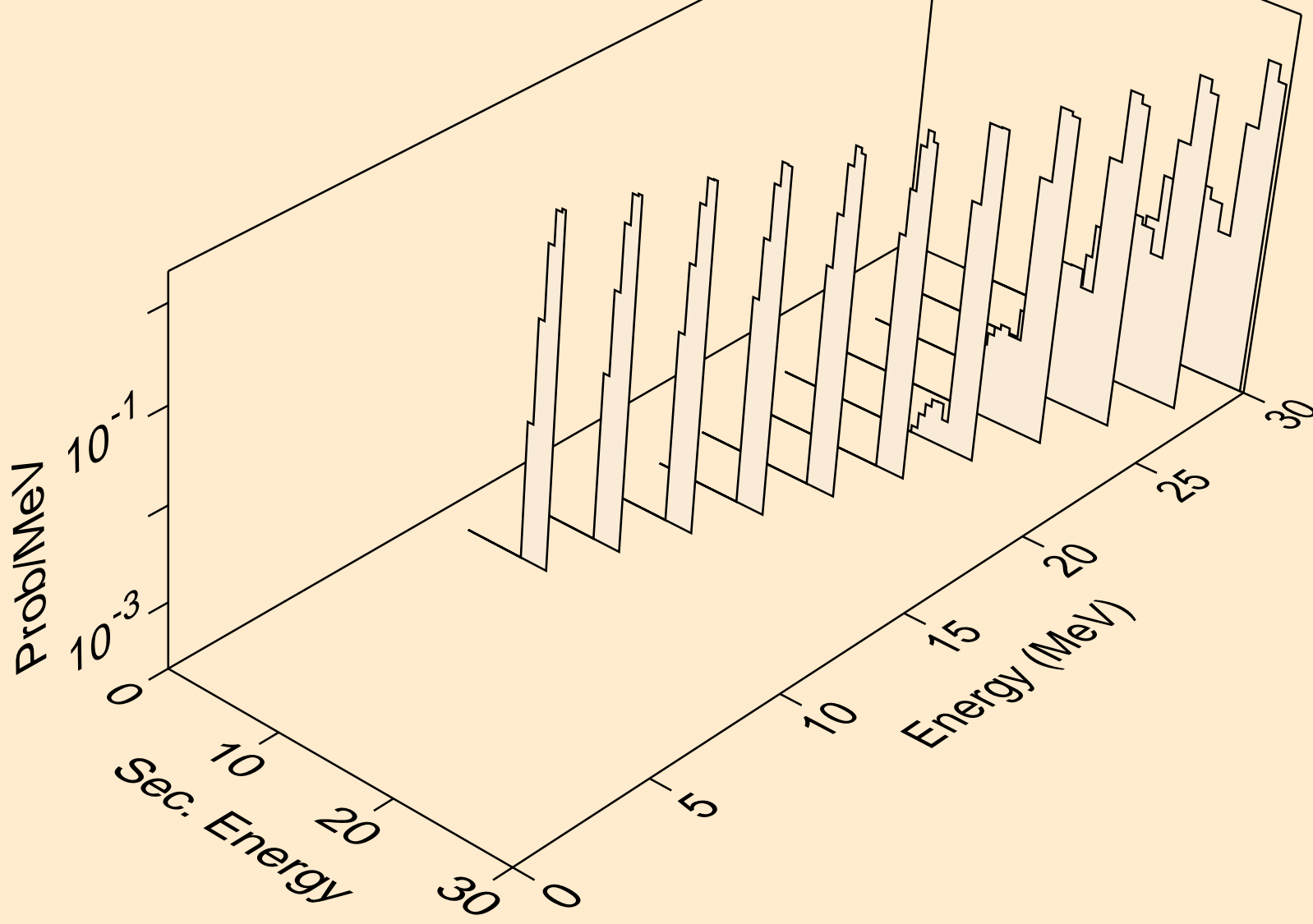
OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,x)



OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

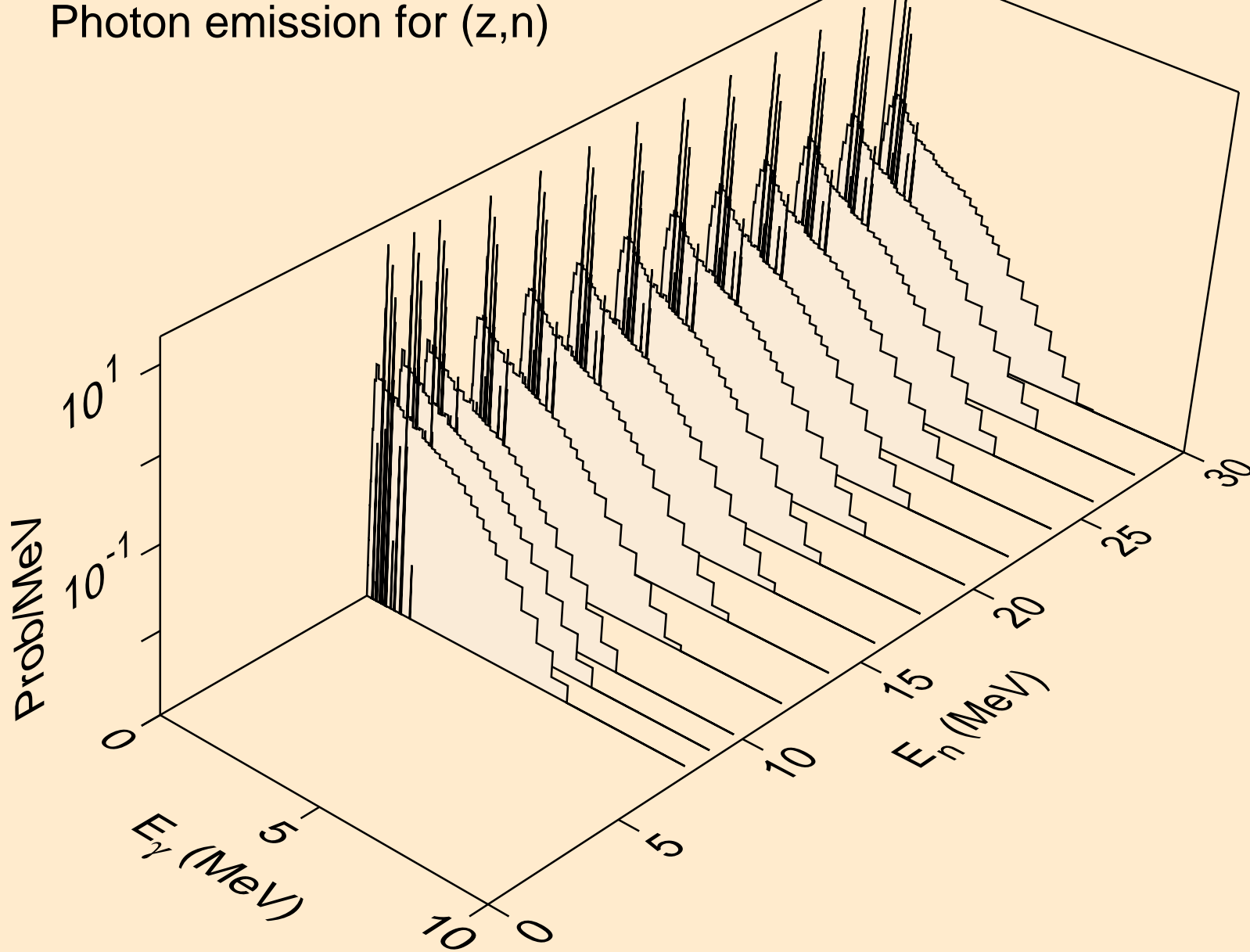


OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for inelastic

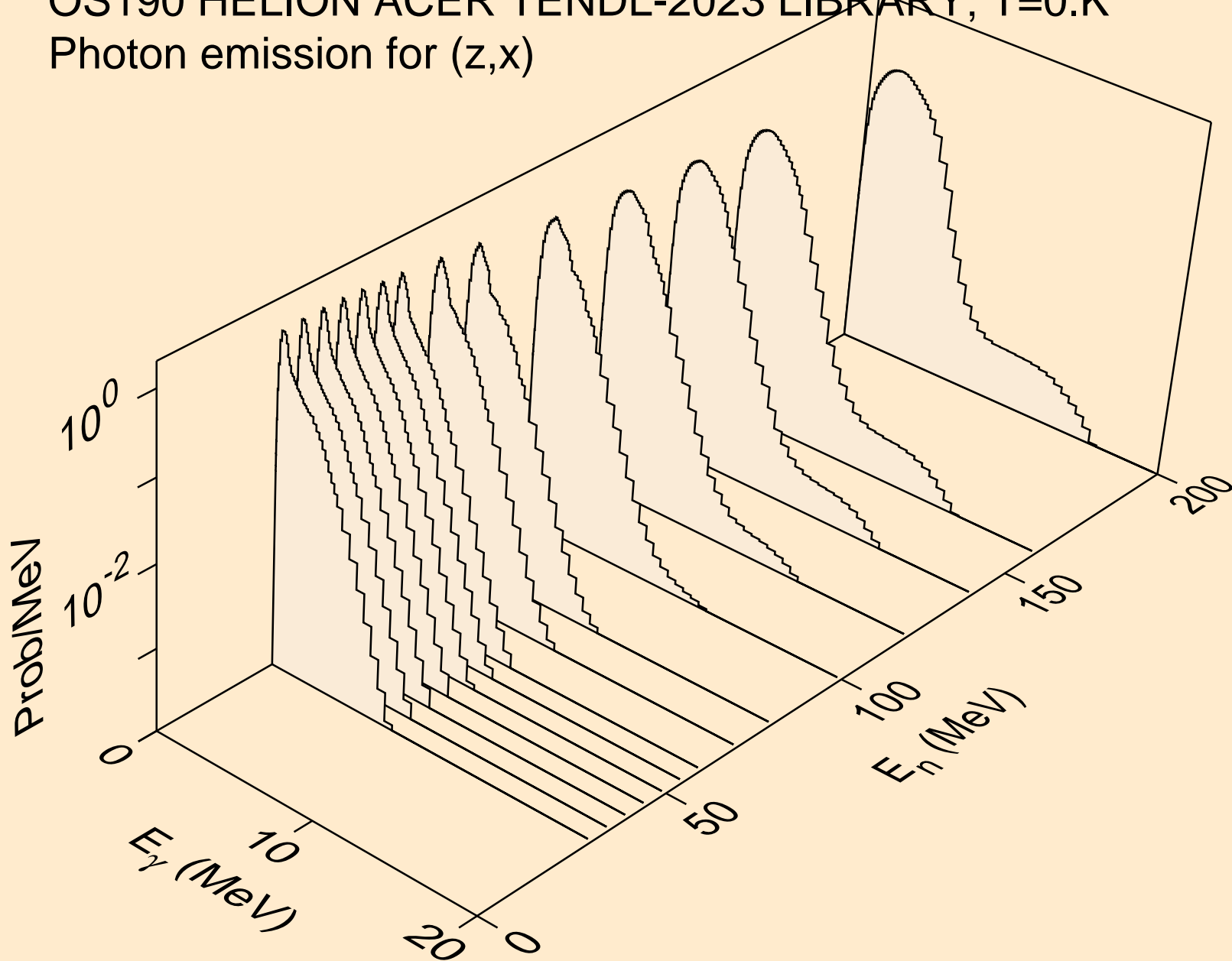




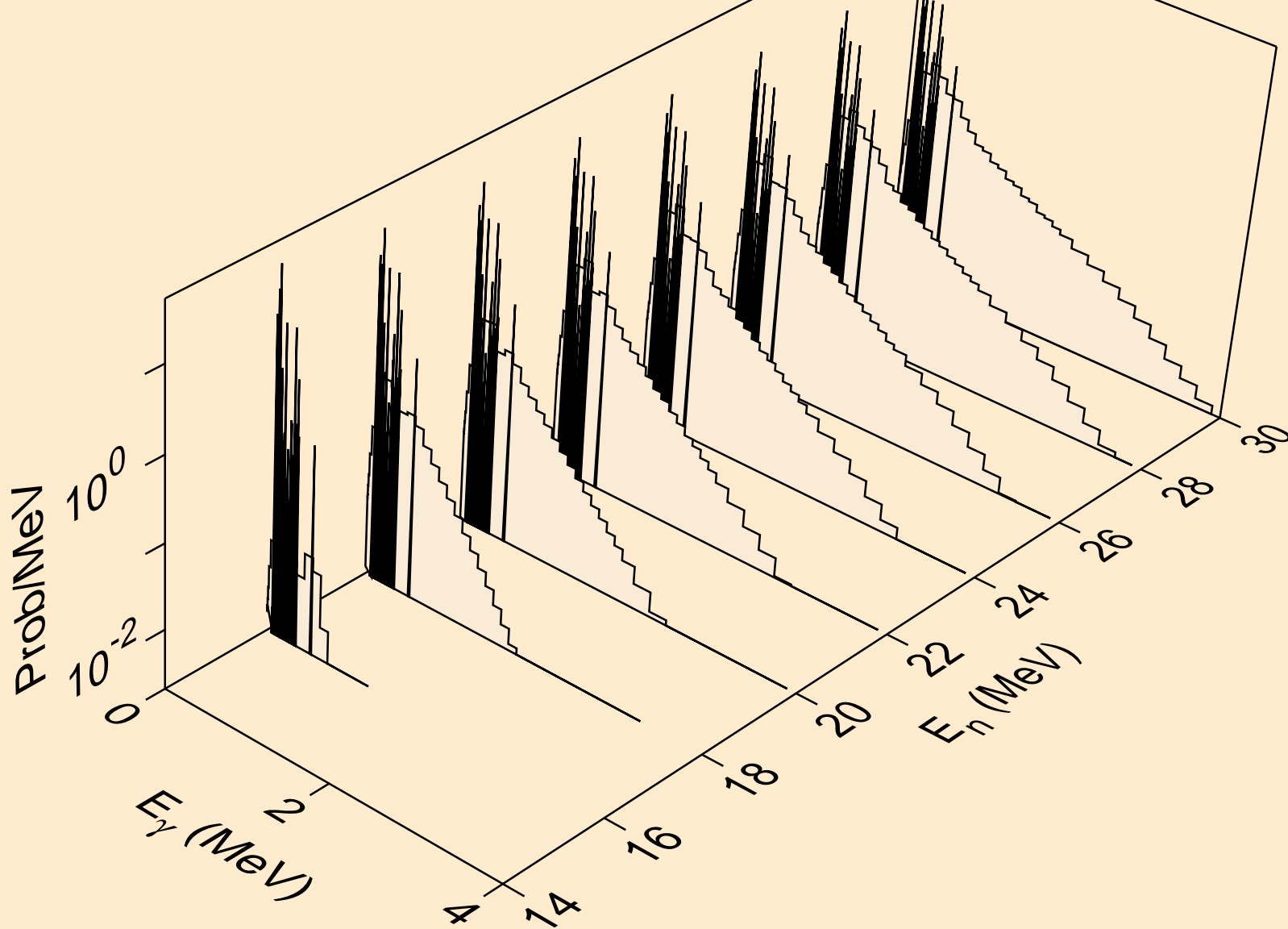
OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



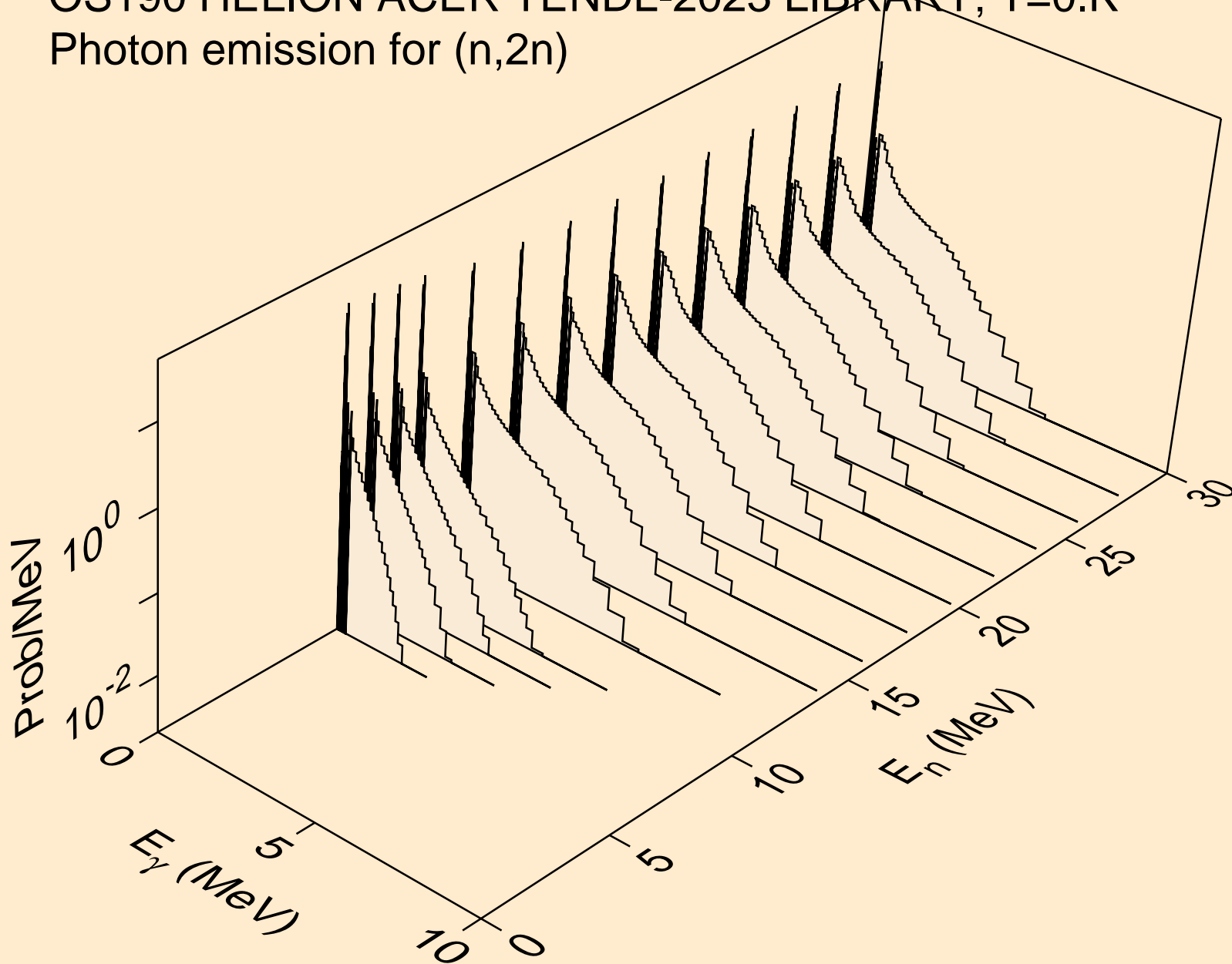
OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



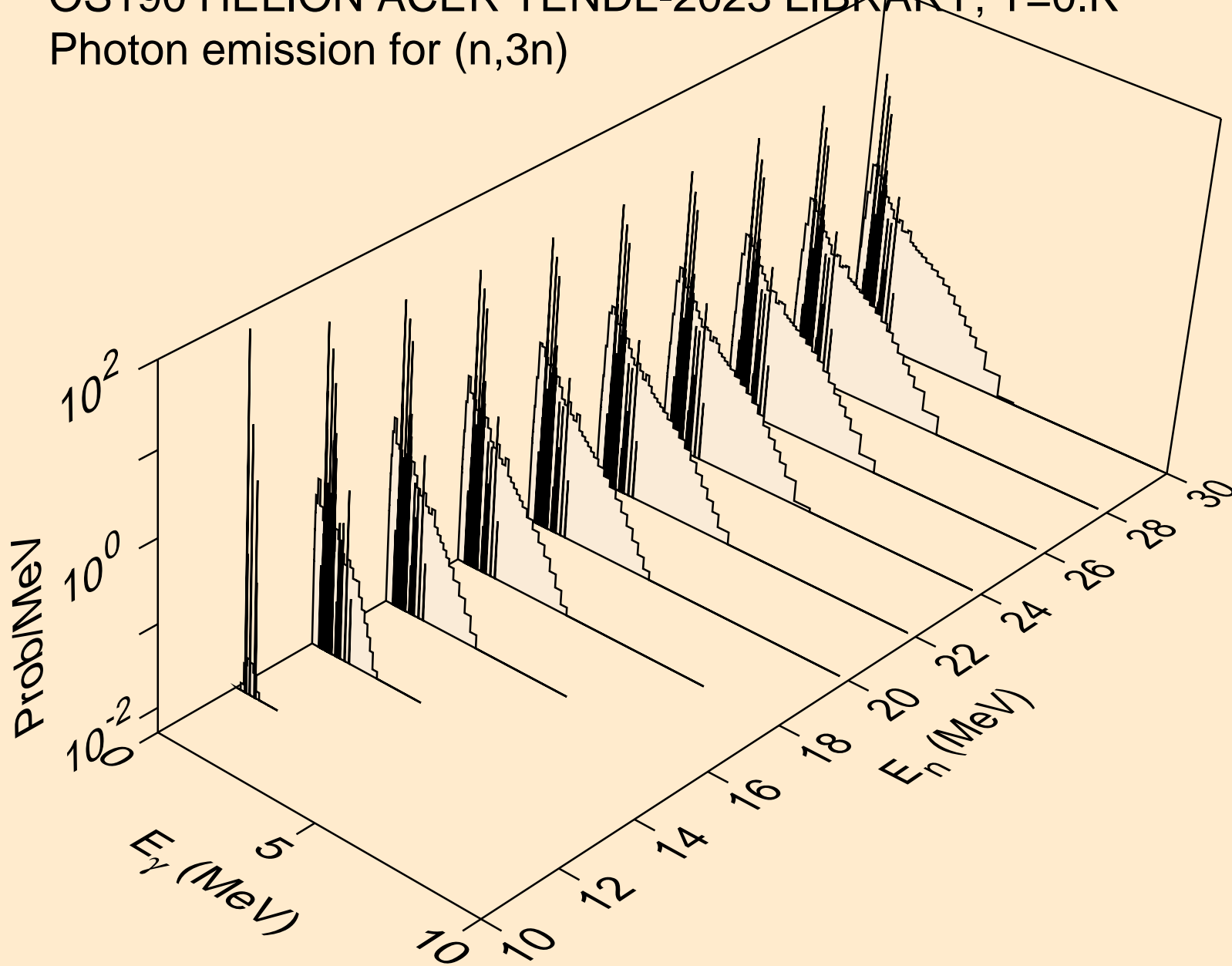
OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



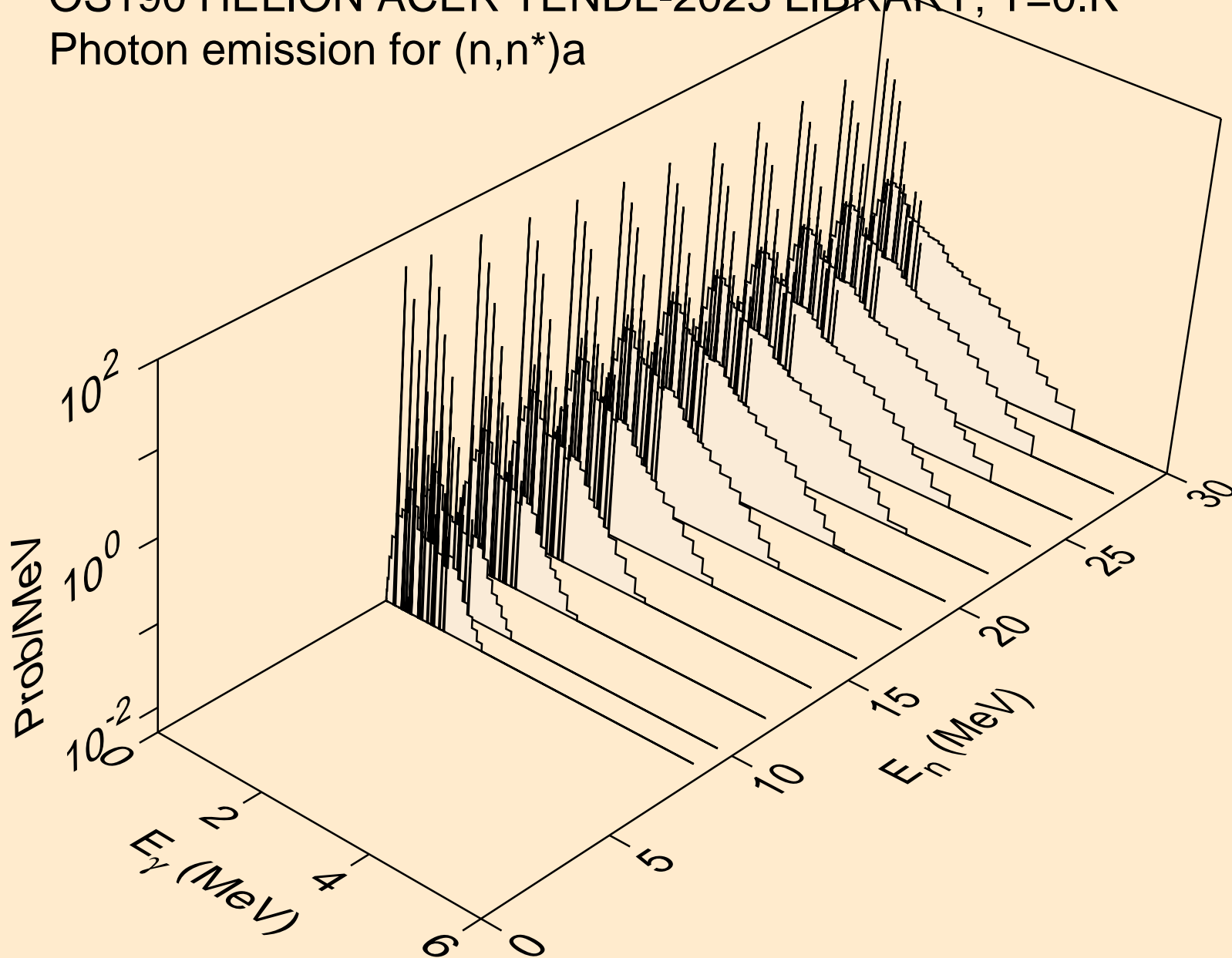
OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



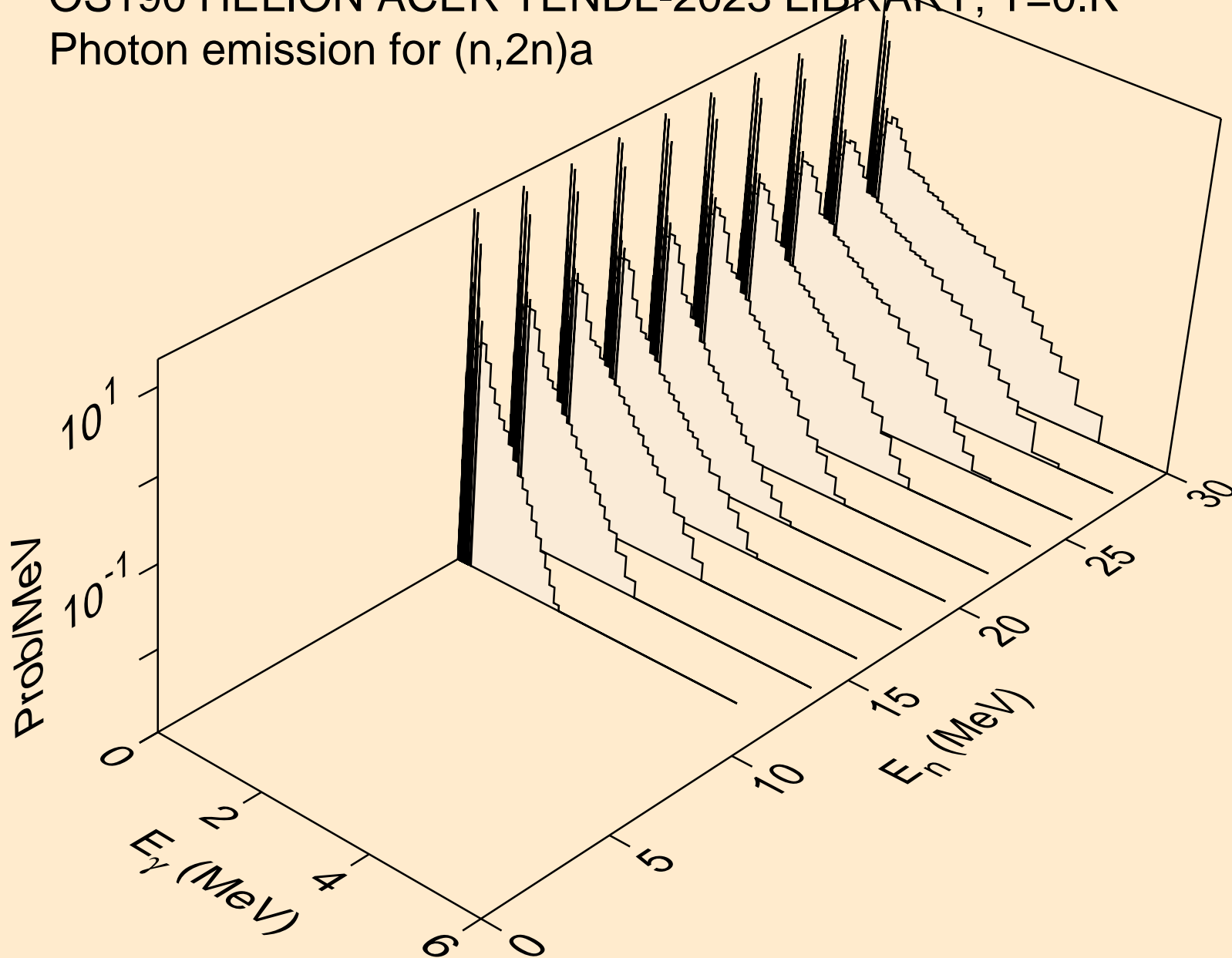
OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



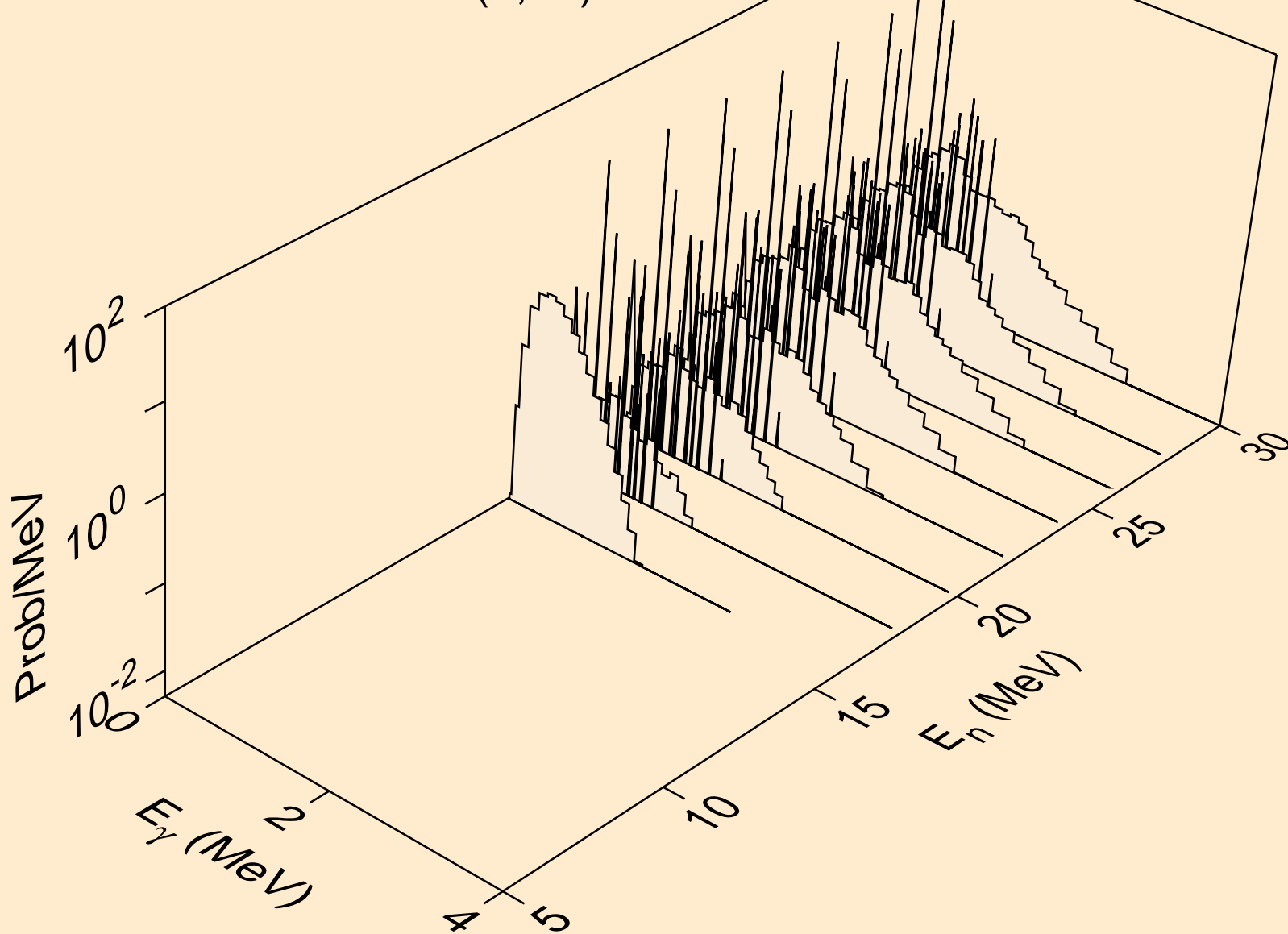
OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

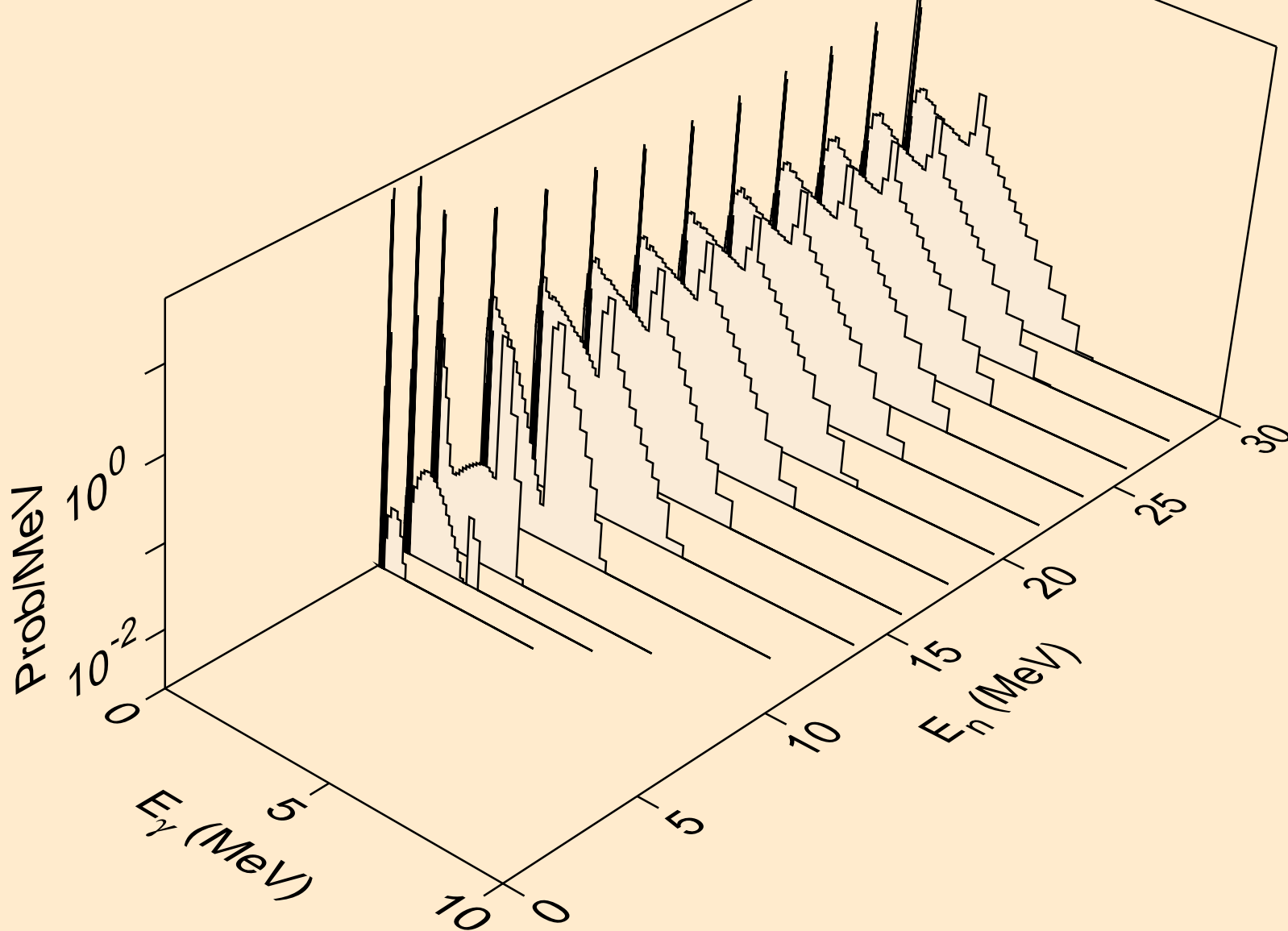


OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a

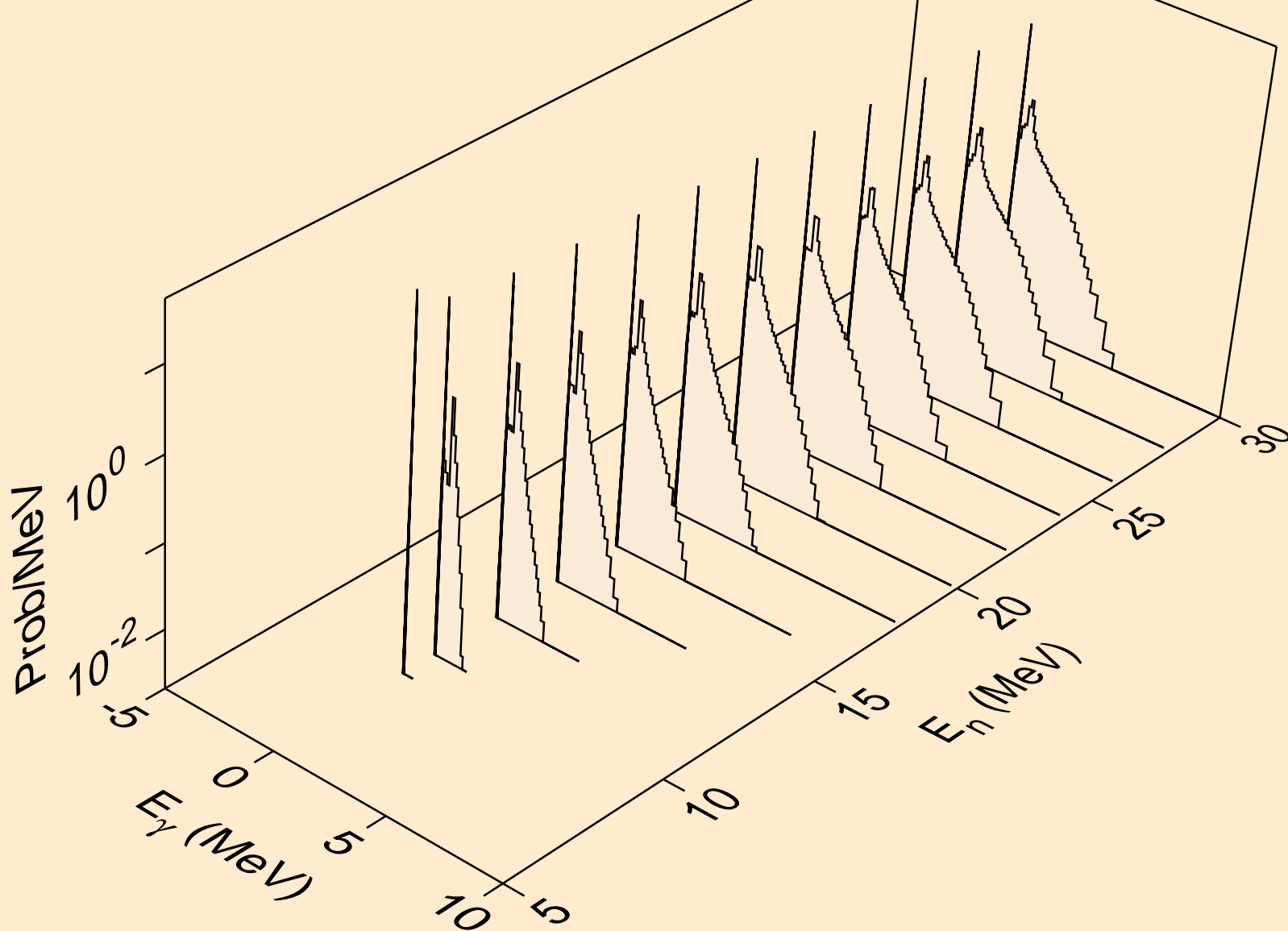




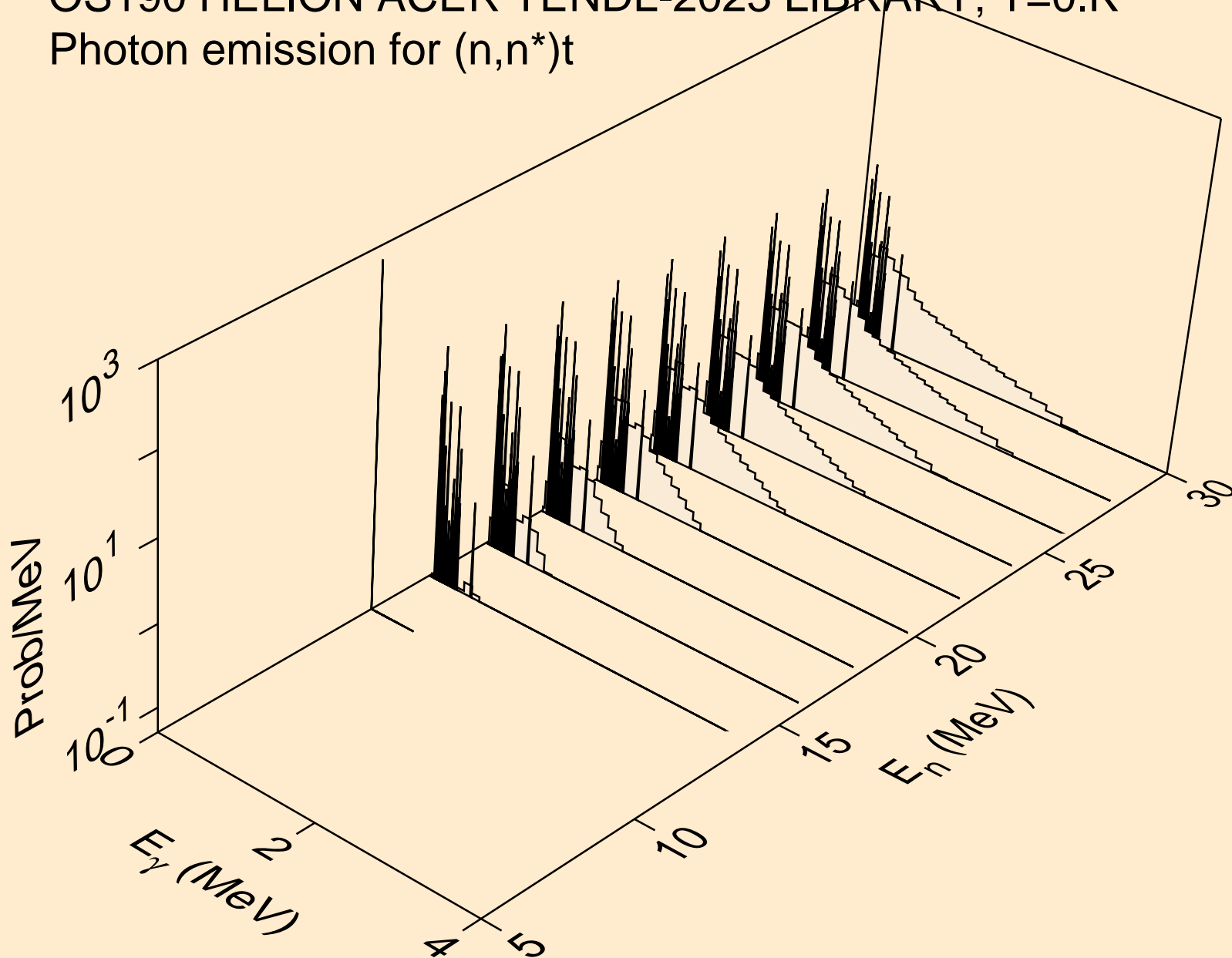
OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



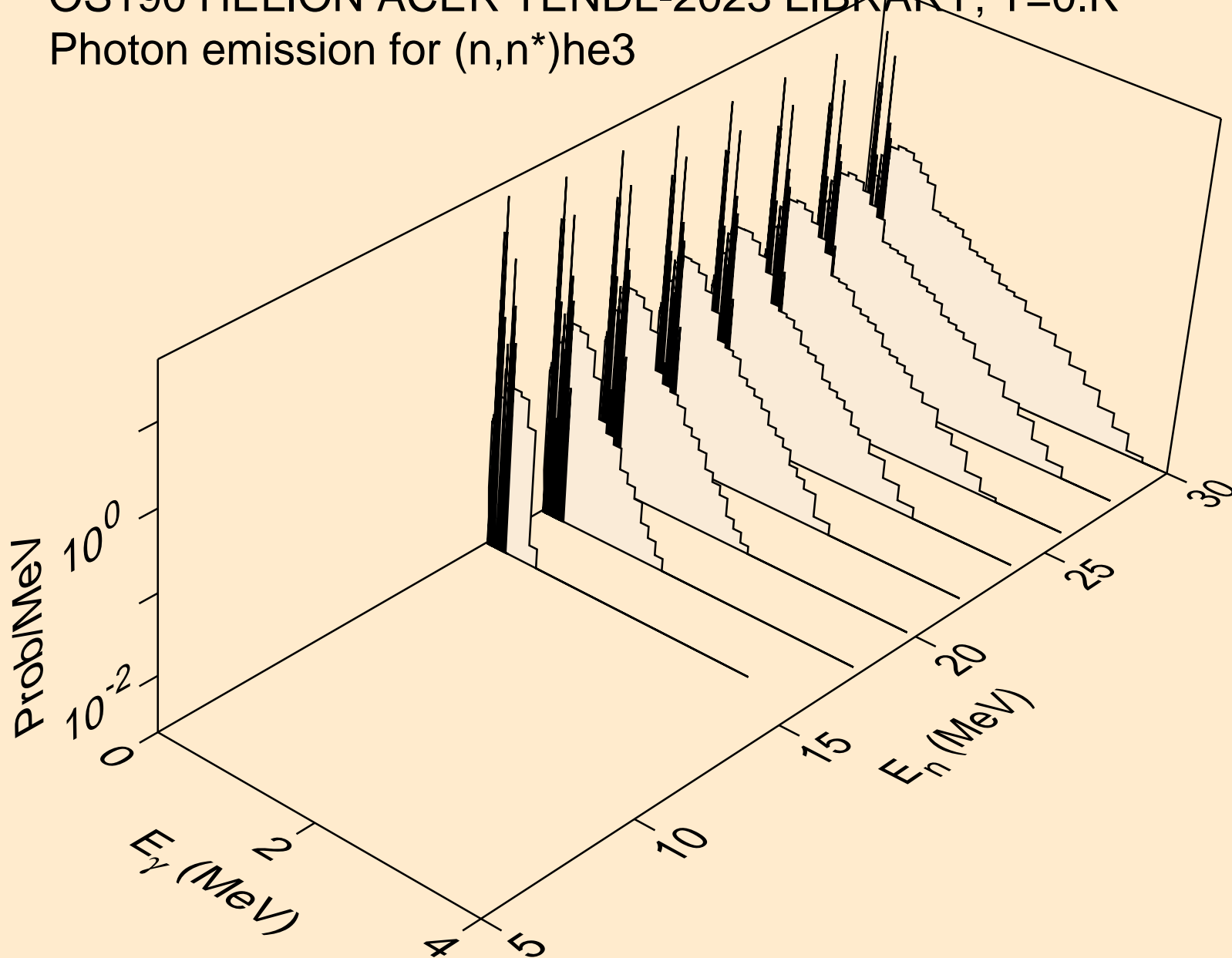
OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



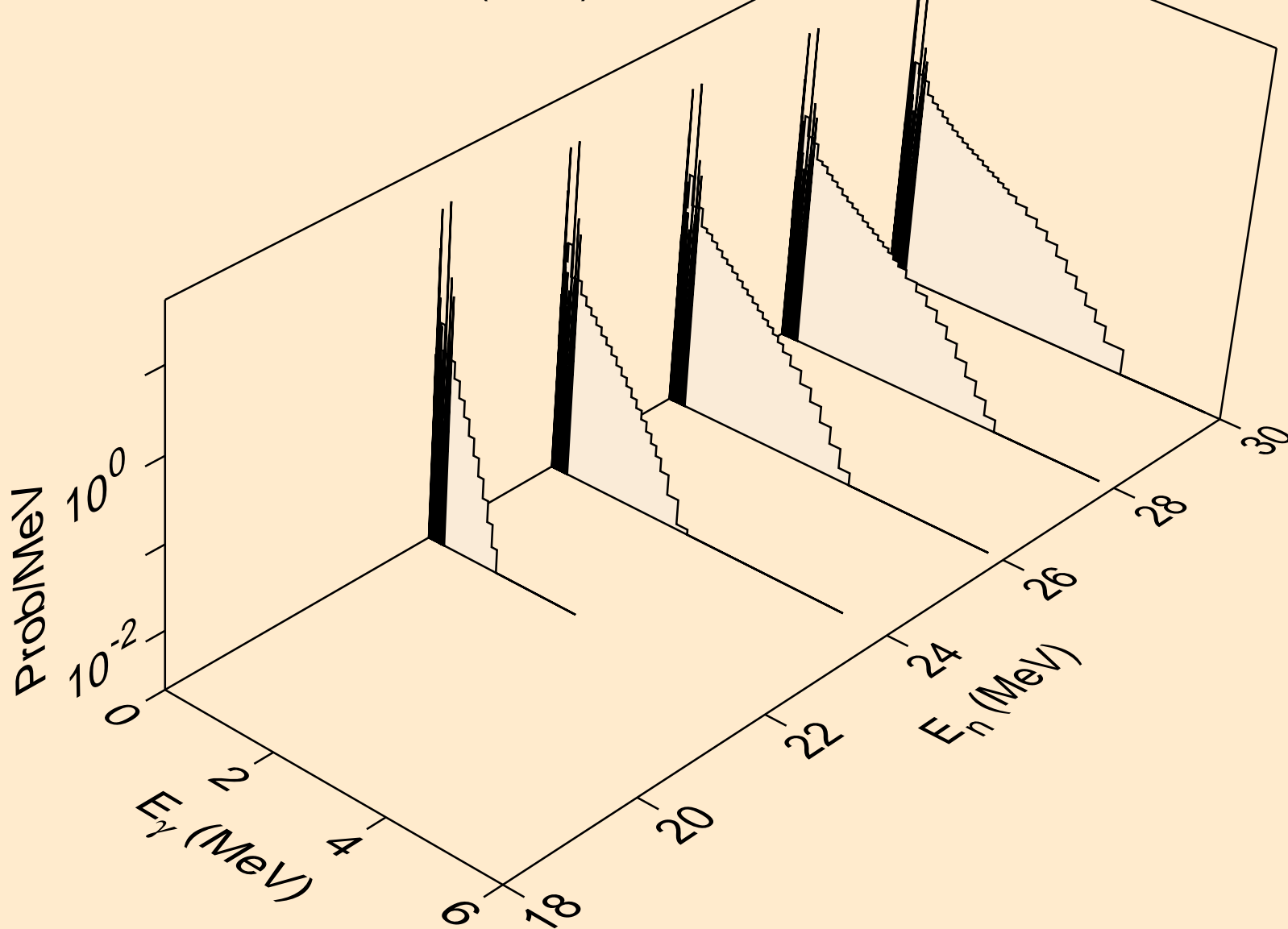
OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



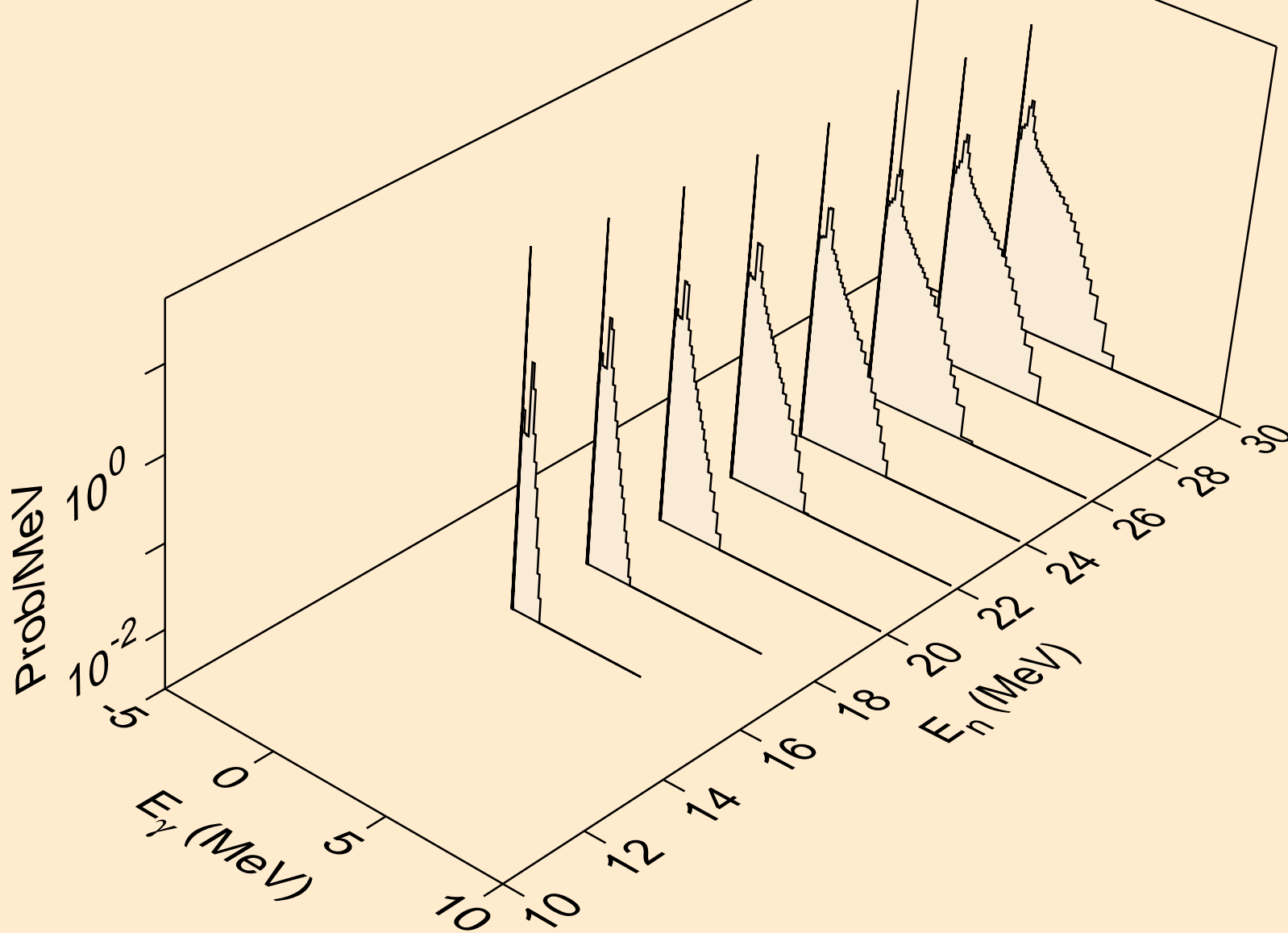
OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



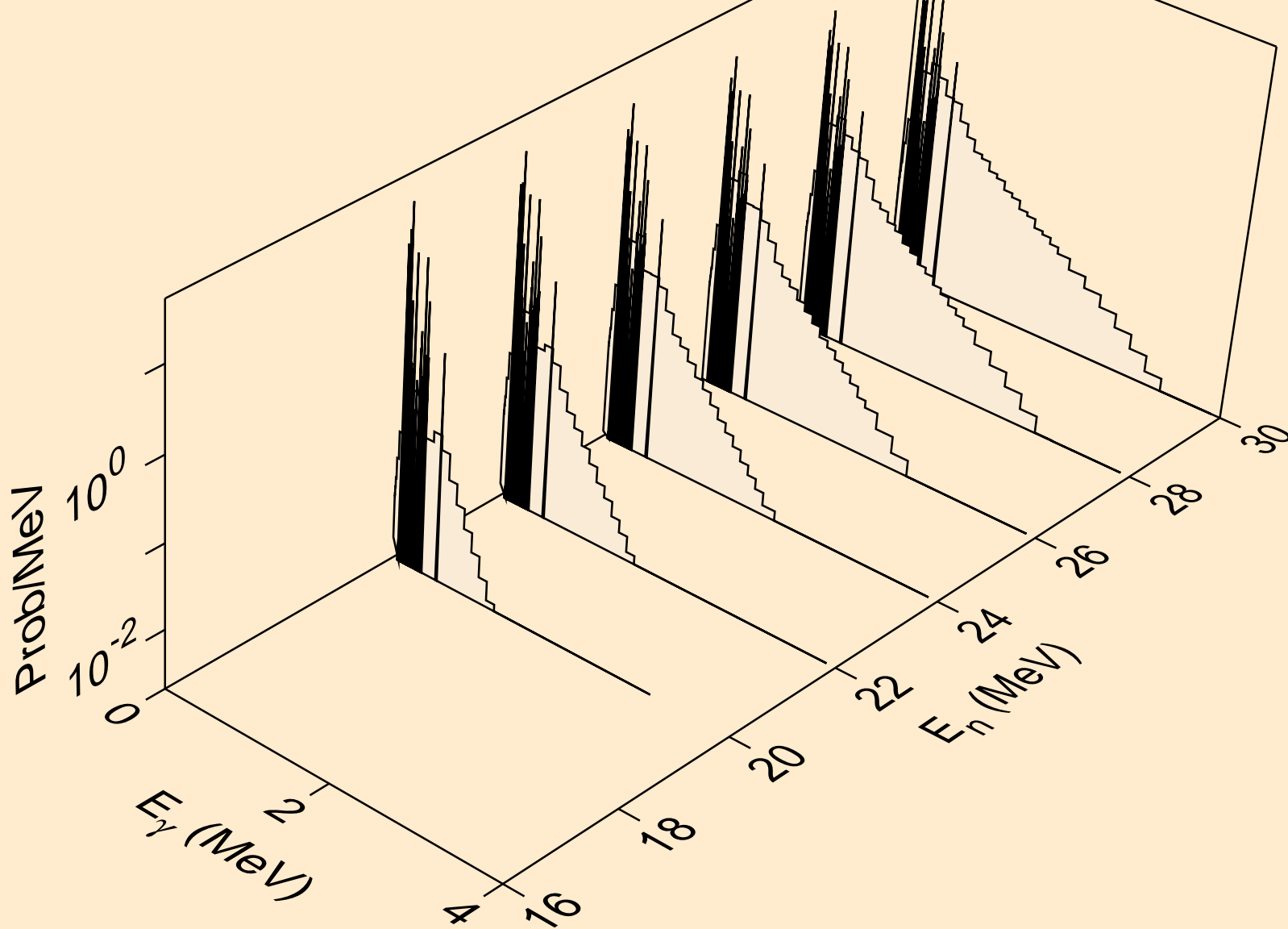
OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



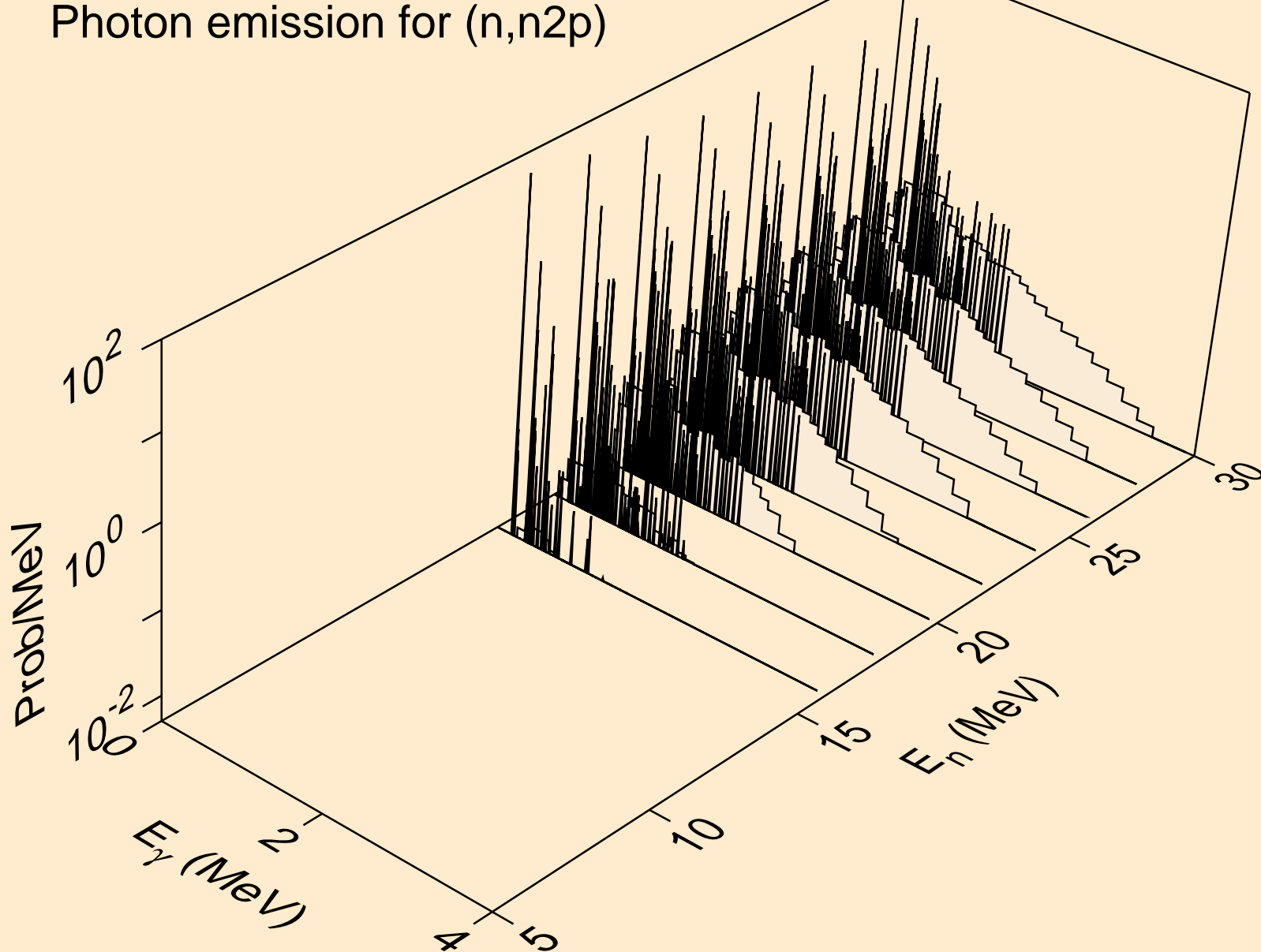
OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)

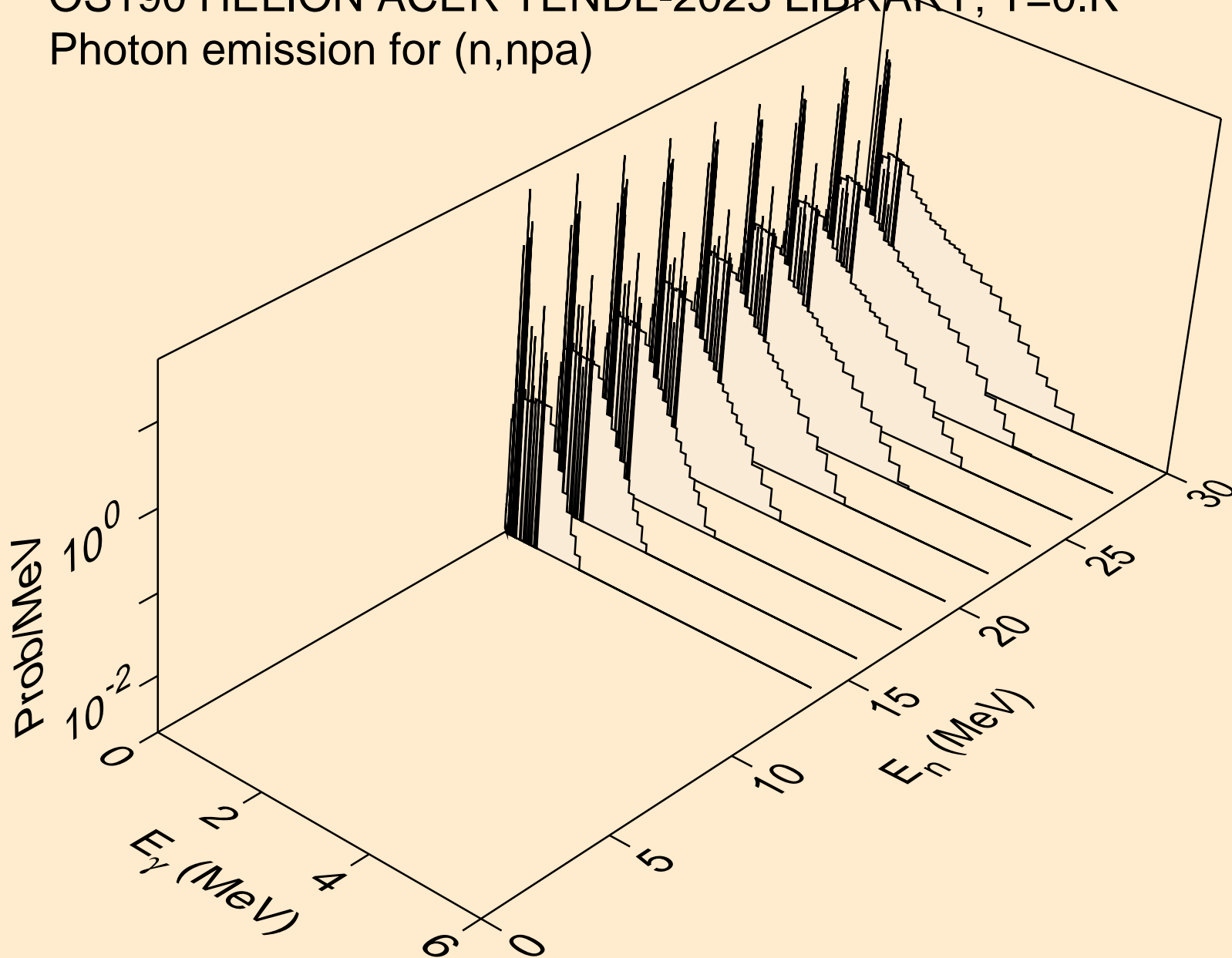


OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)

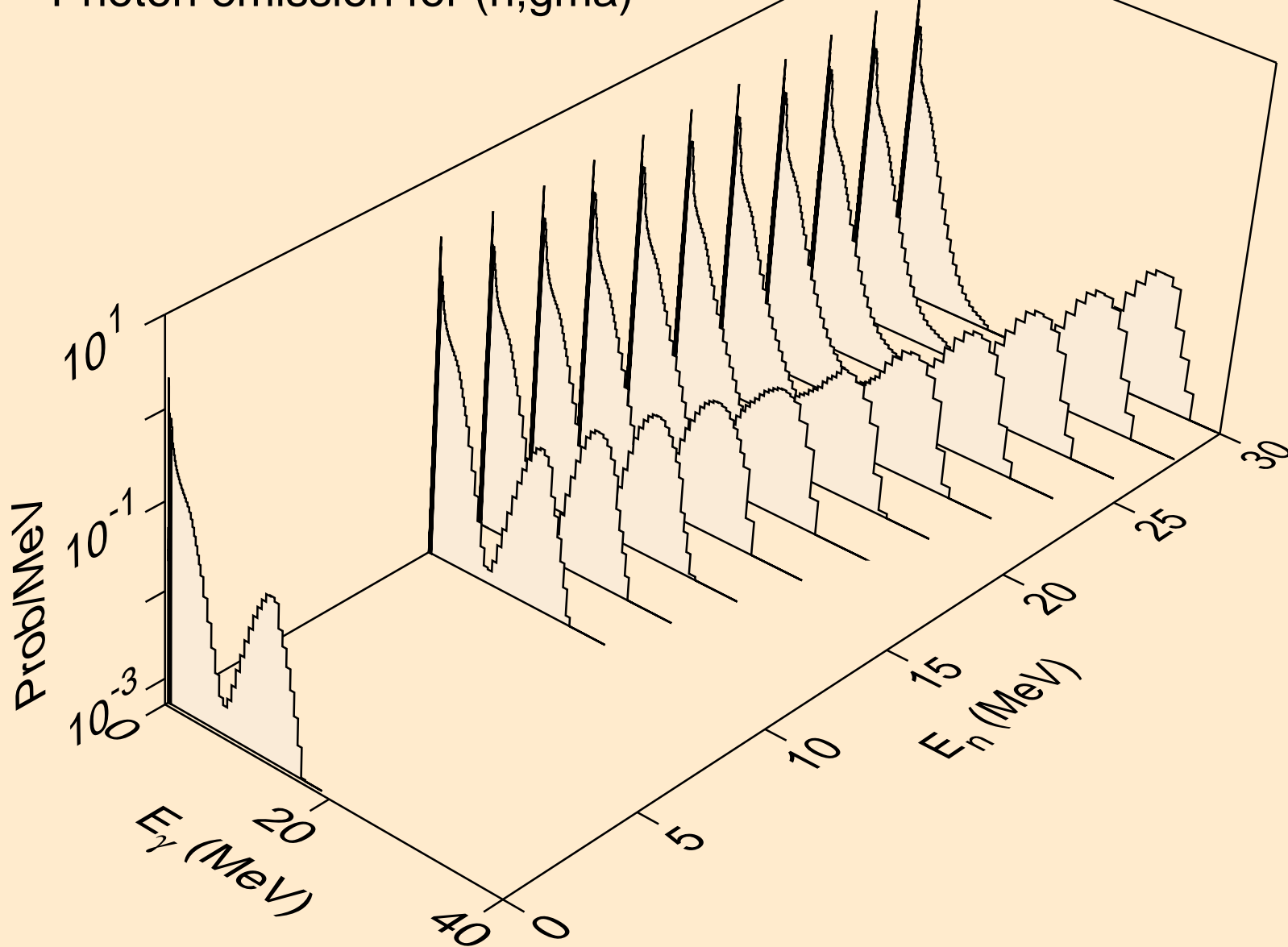




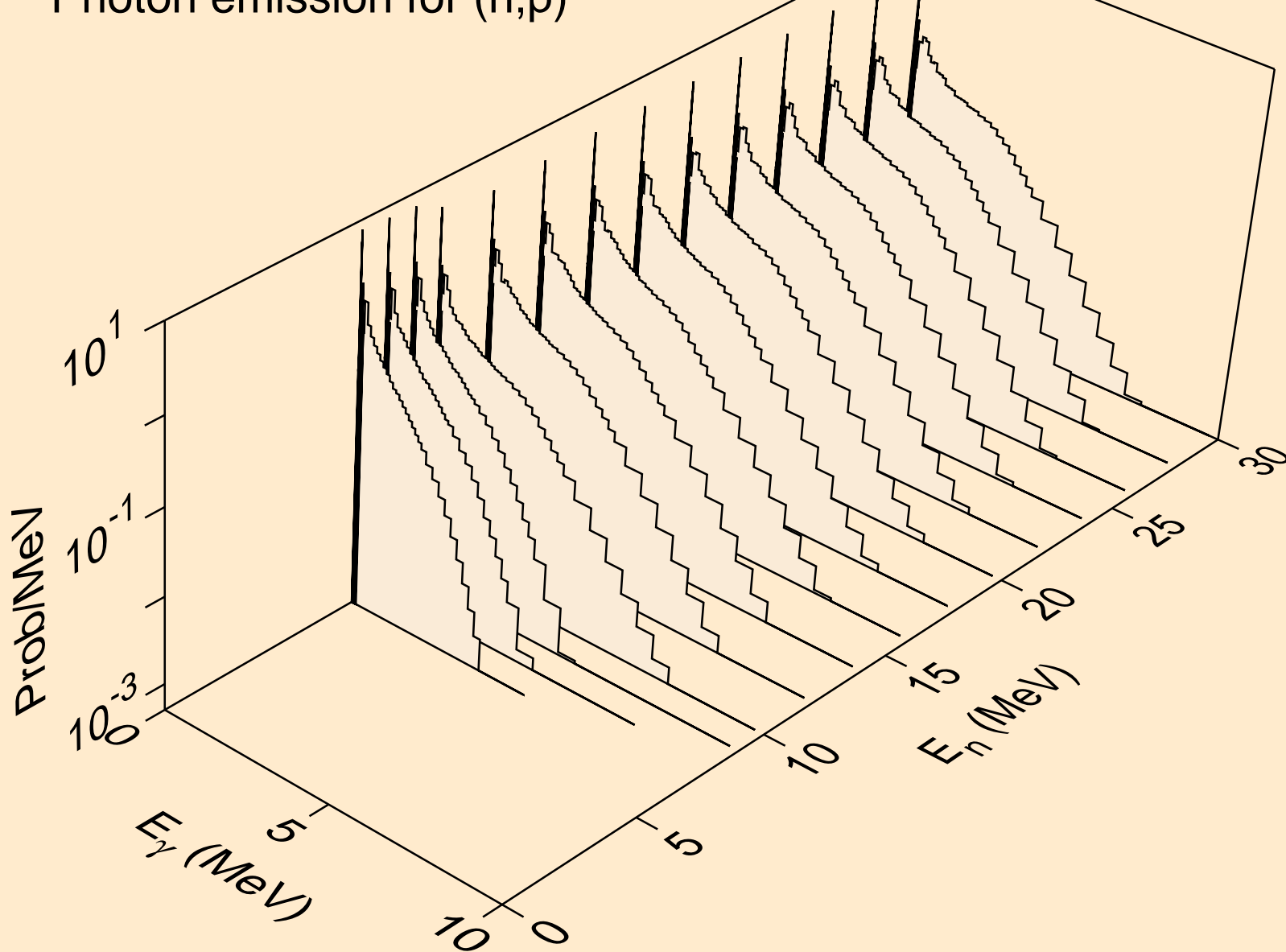
OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



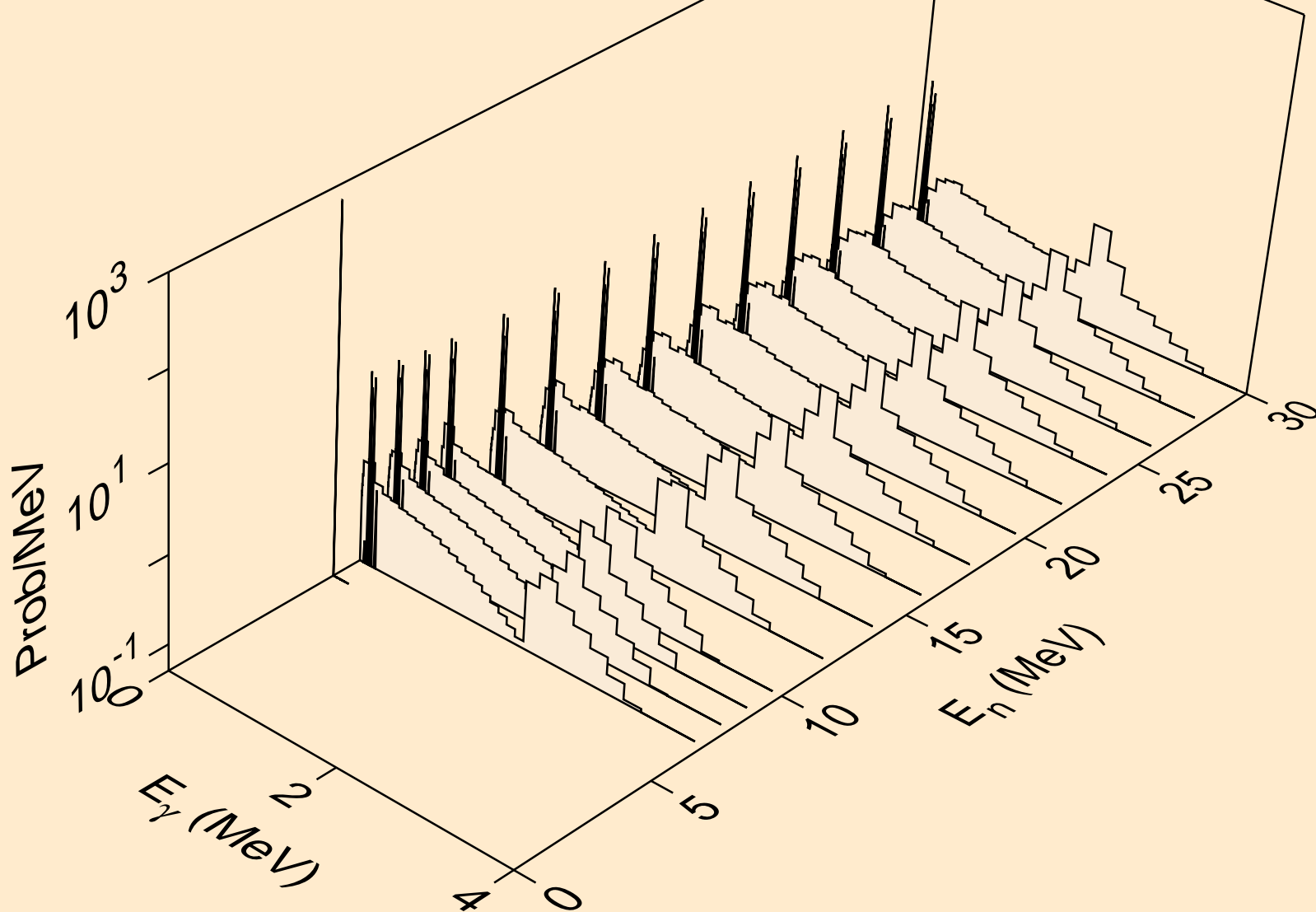
OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



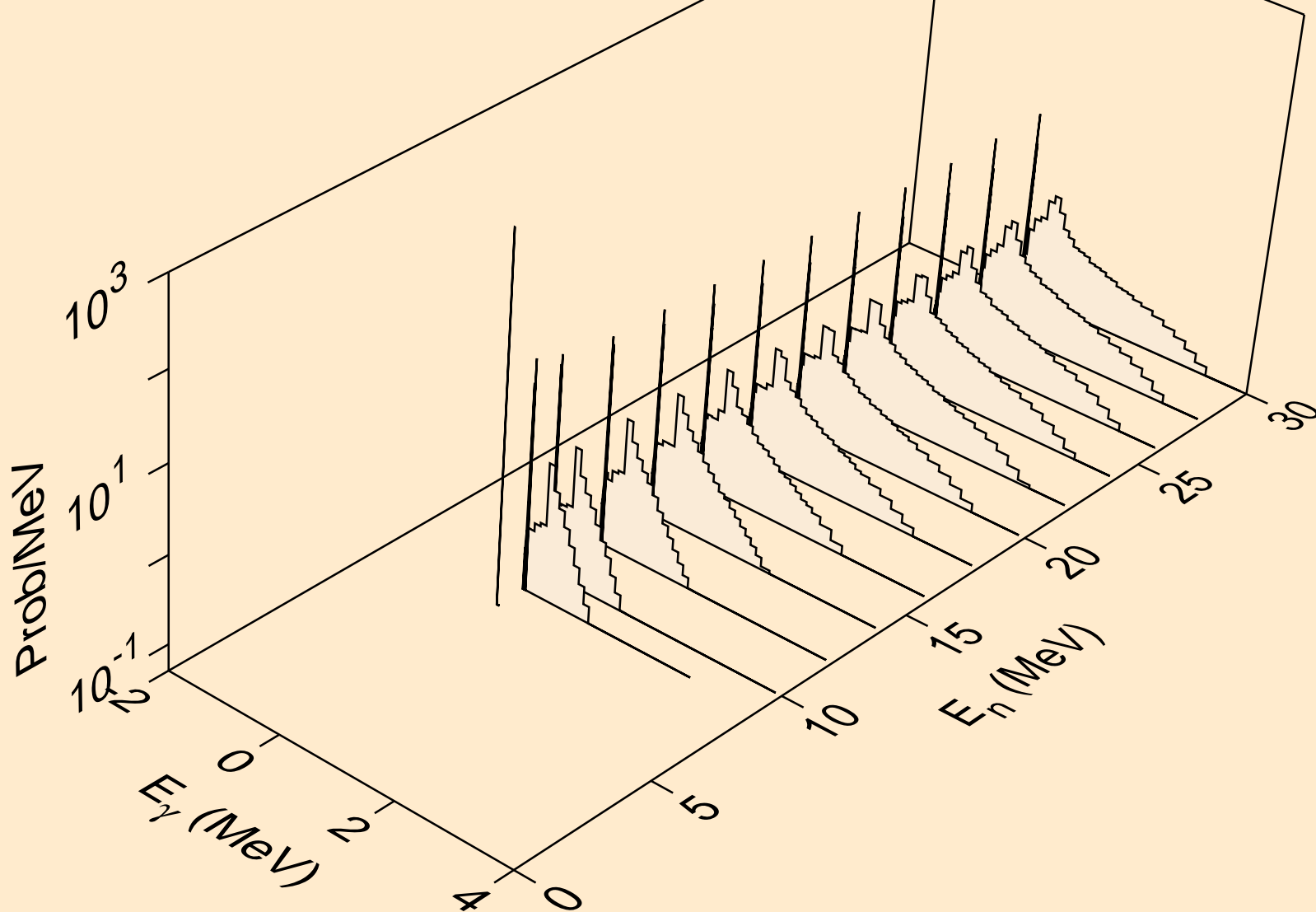
OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



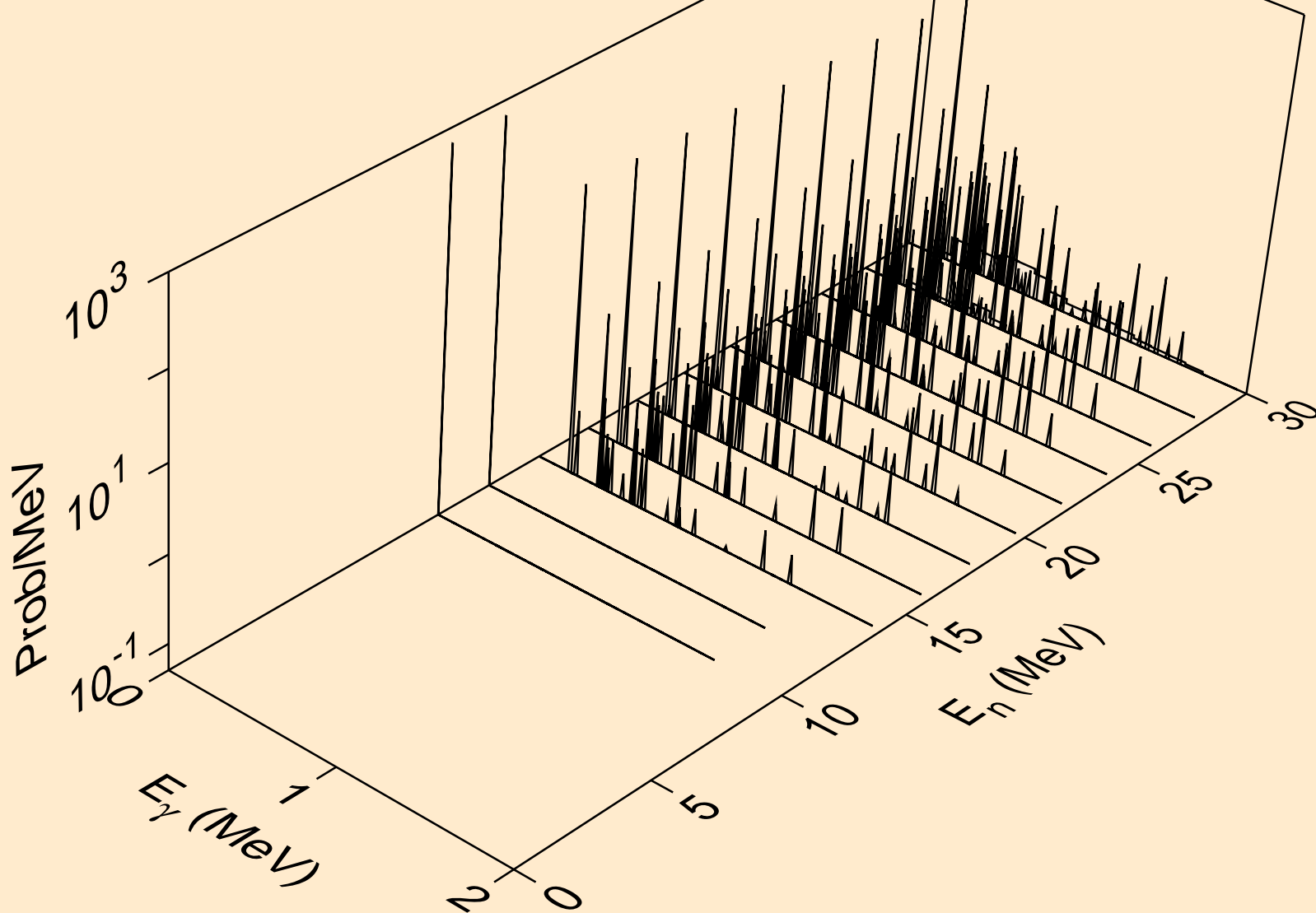
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Photon emission for (n,d)



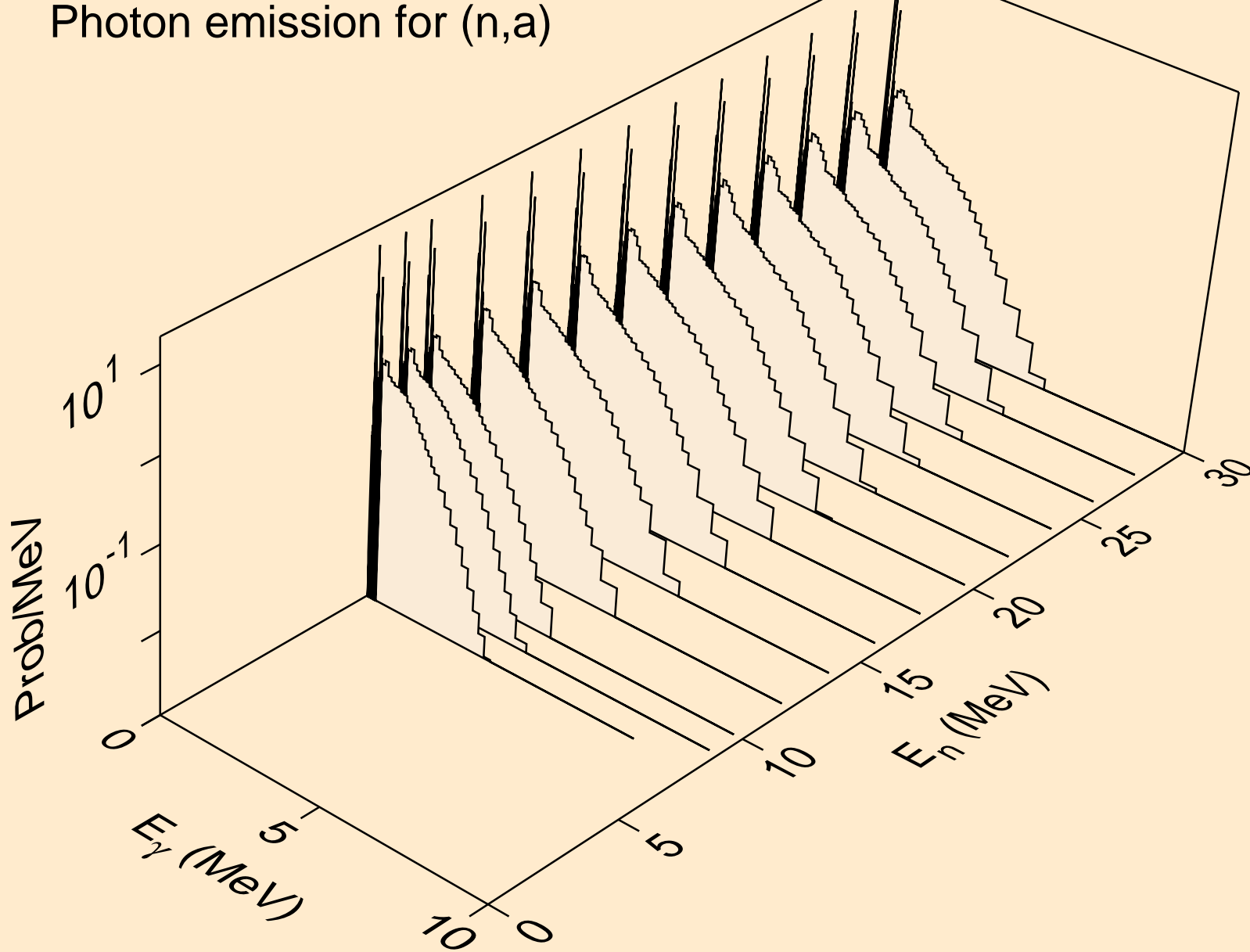
OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



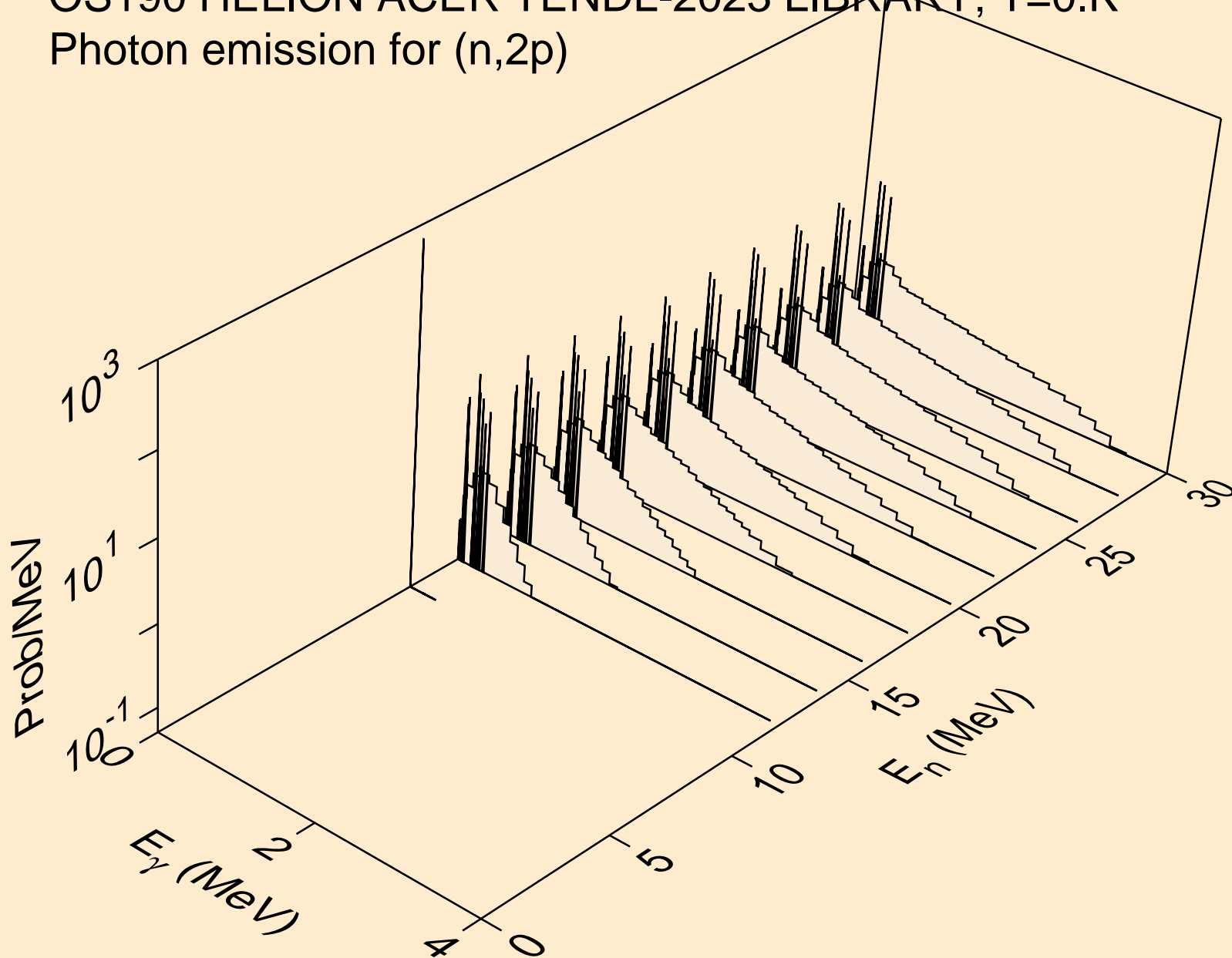
OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)

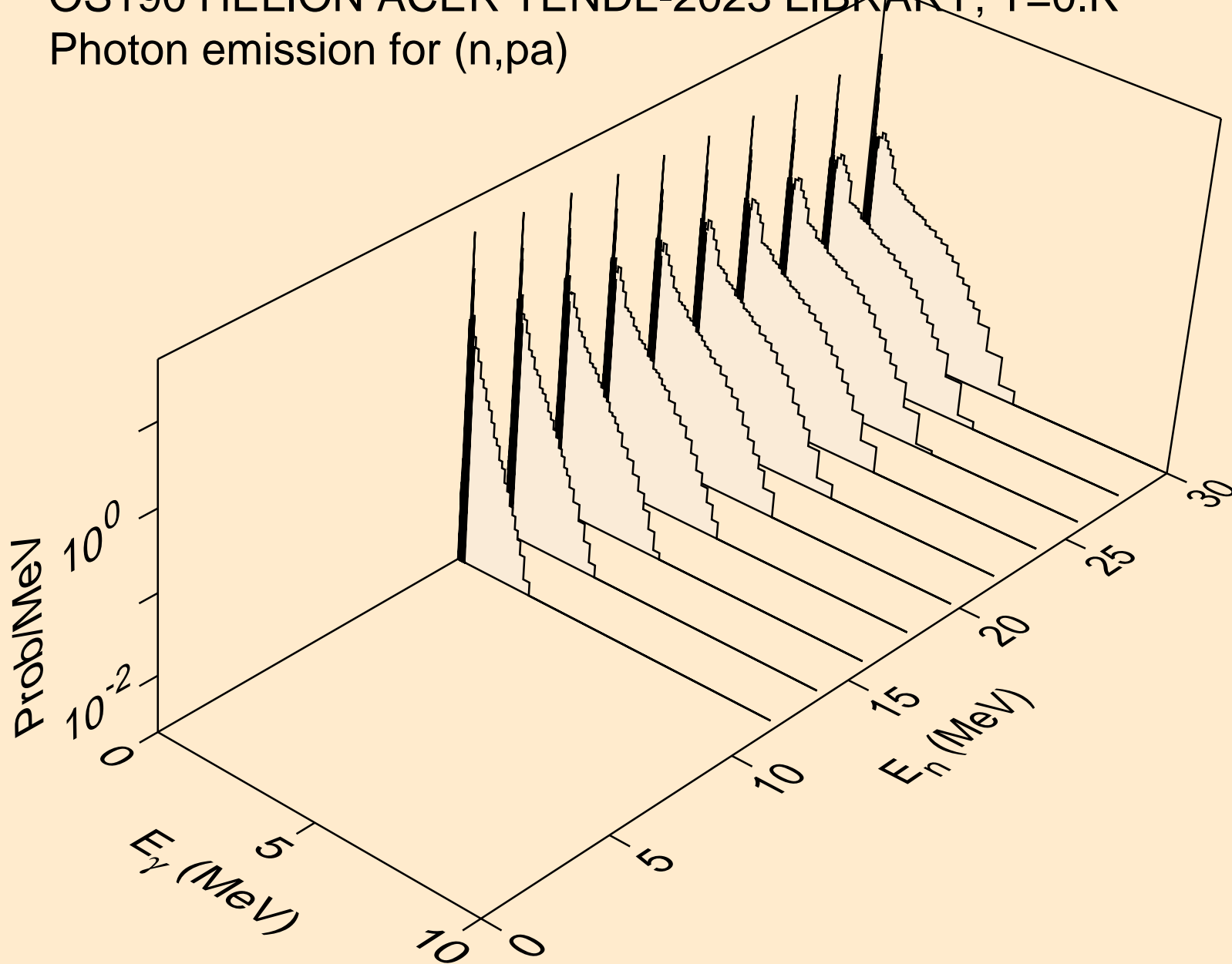


OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)

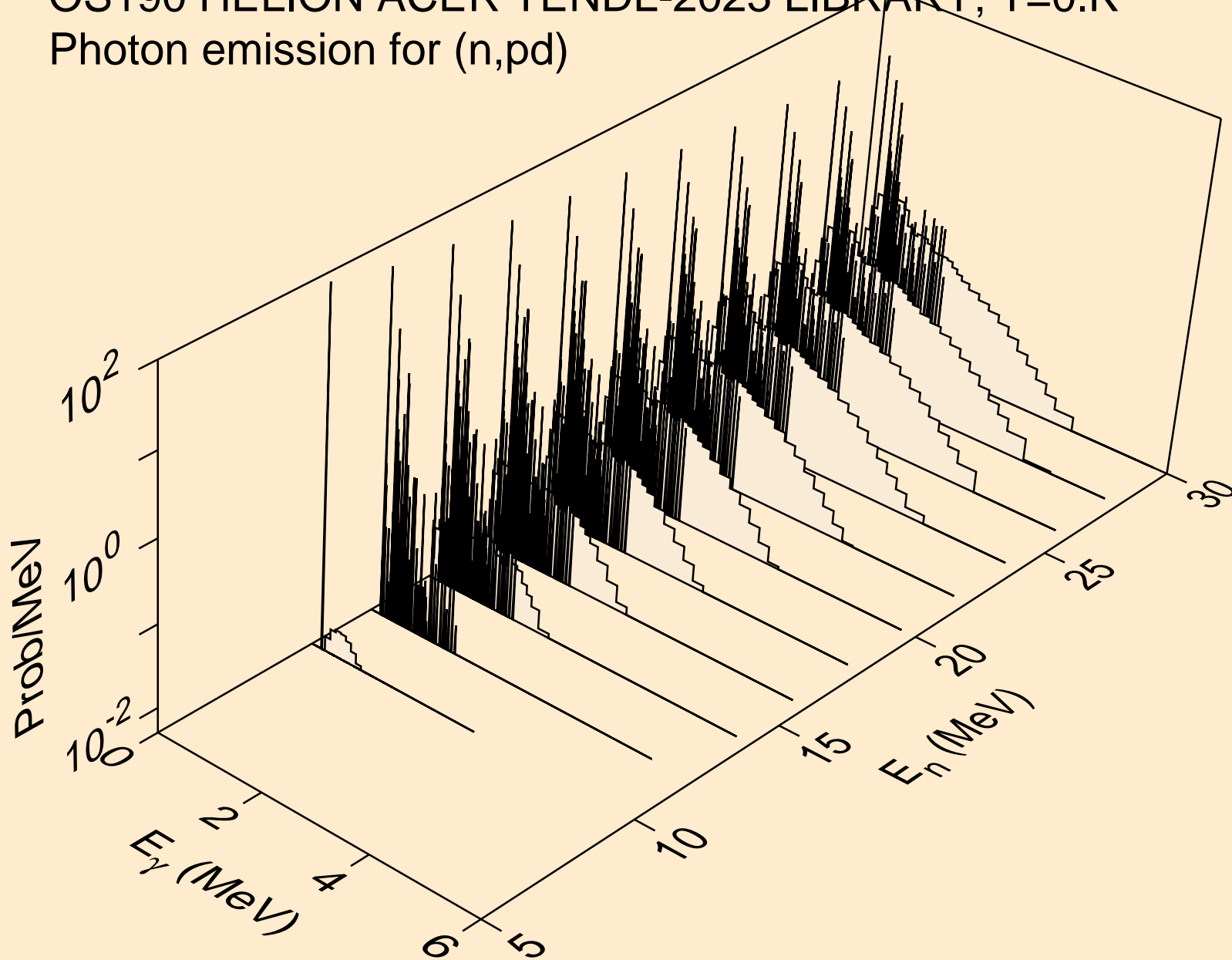




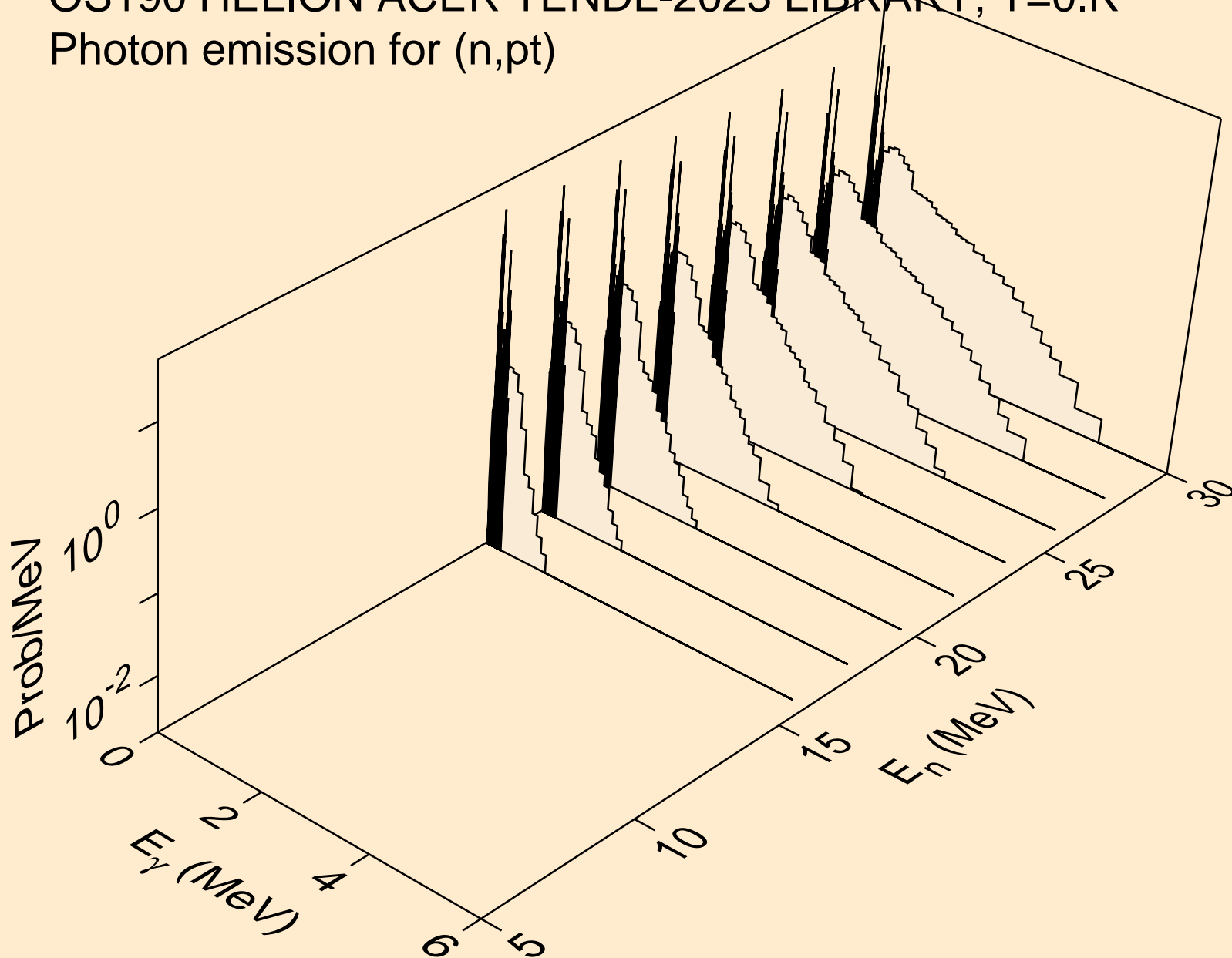
OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



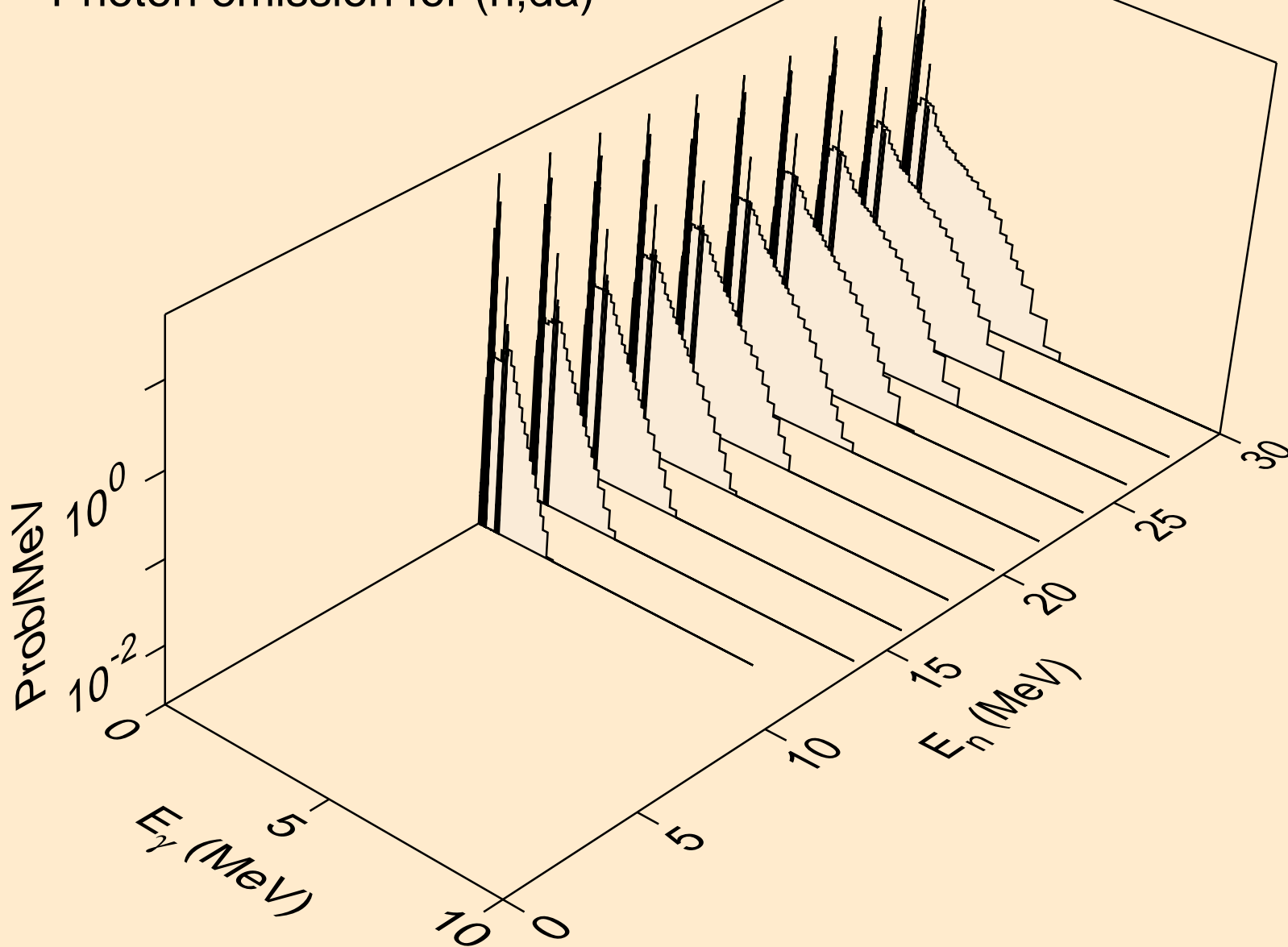
OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)

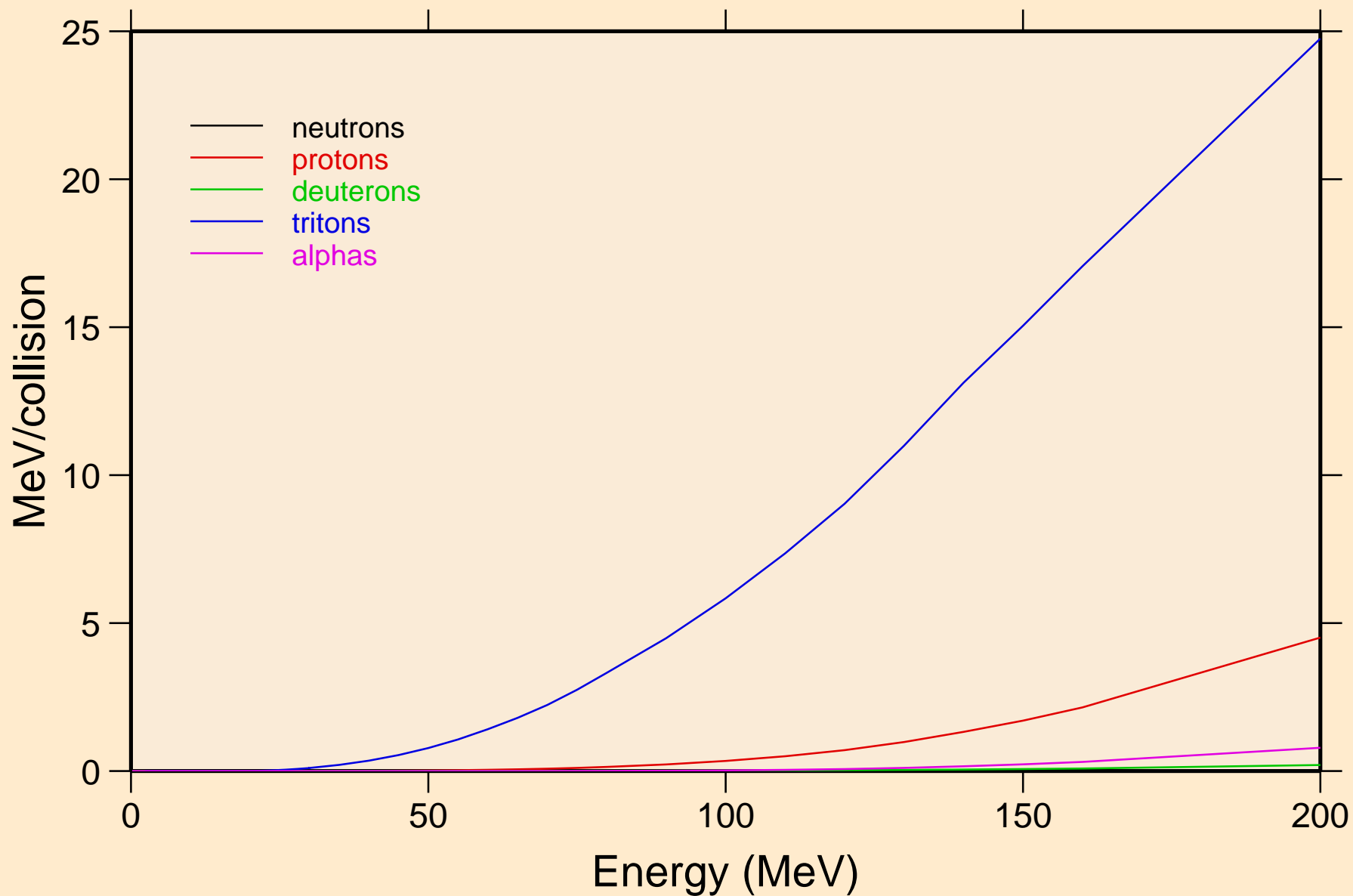


OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)

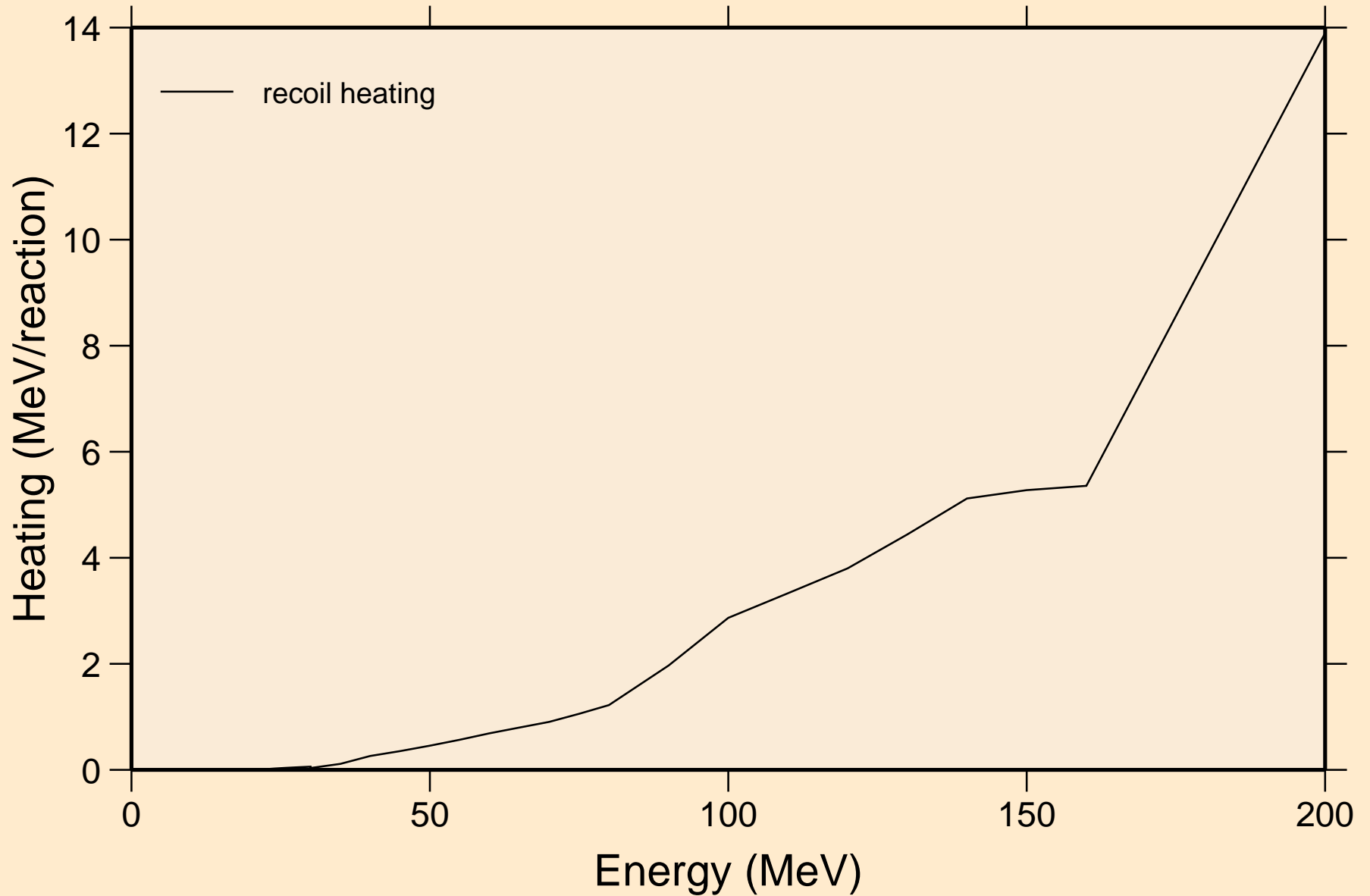


# OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions

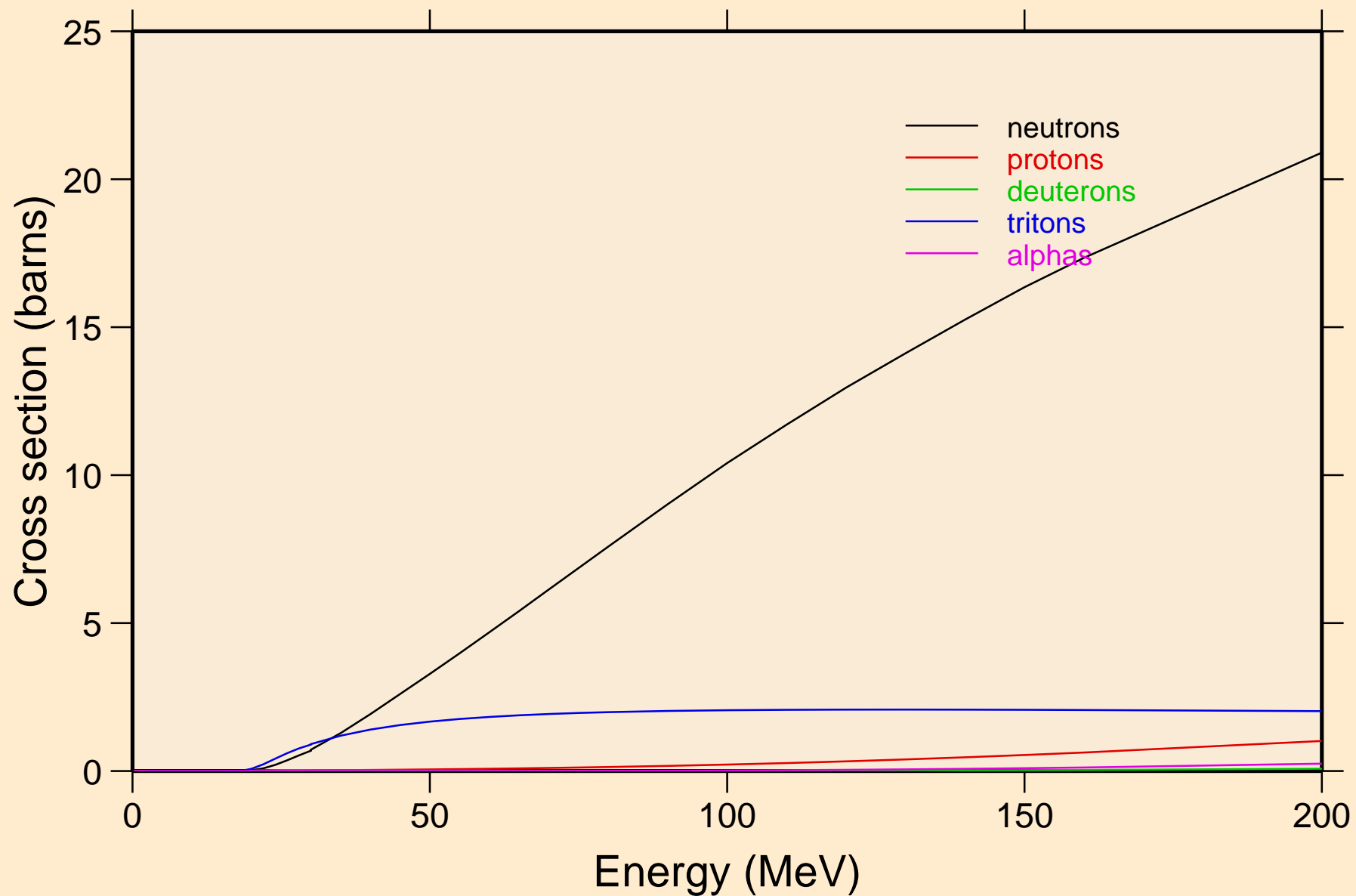


OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

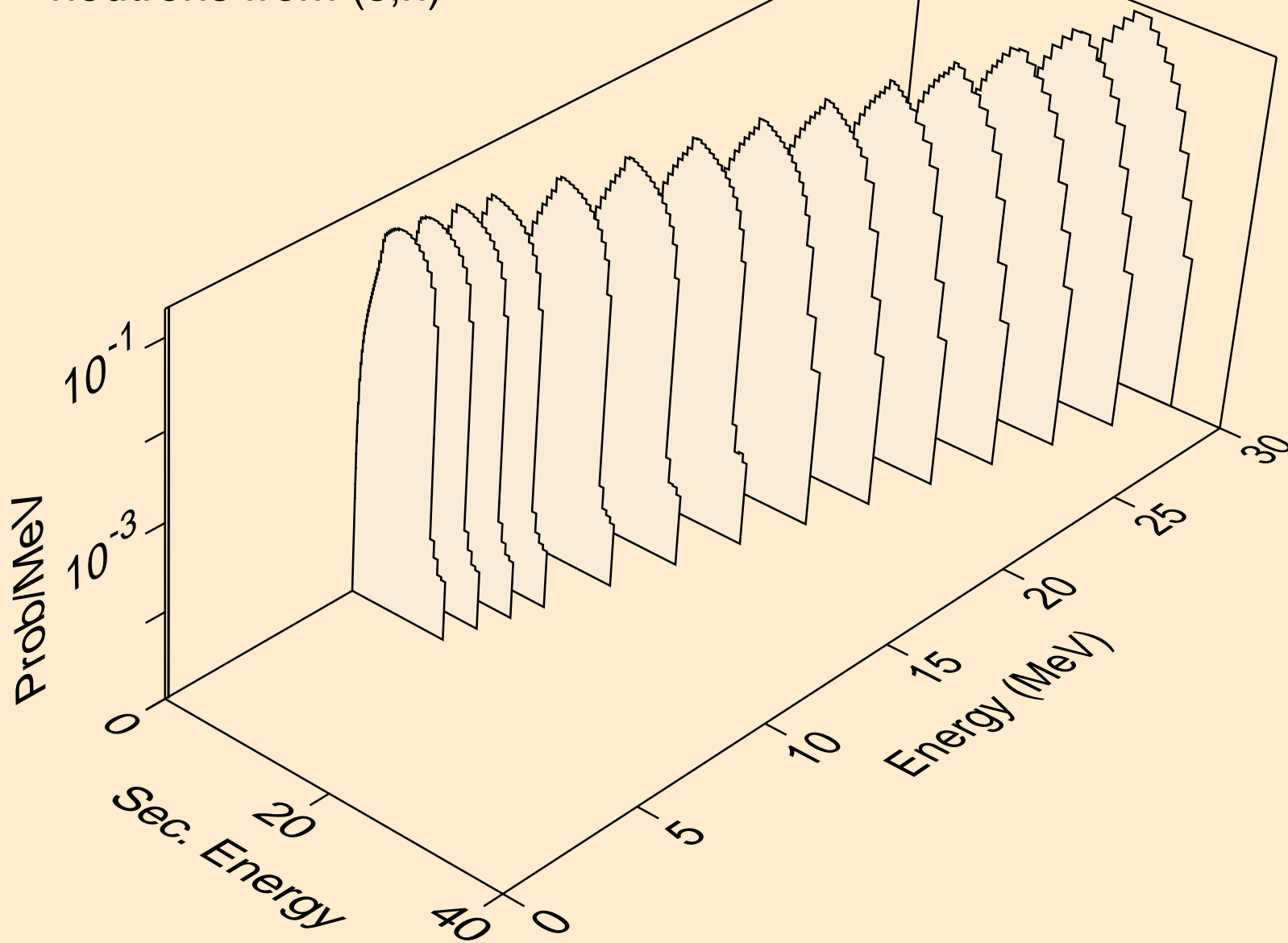


# OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Particle production cross sections

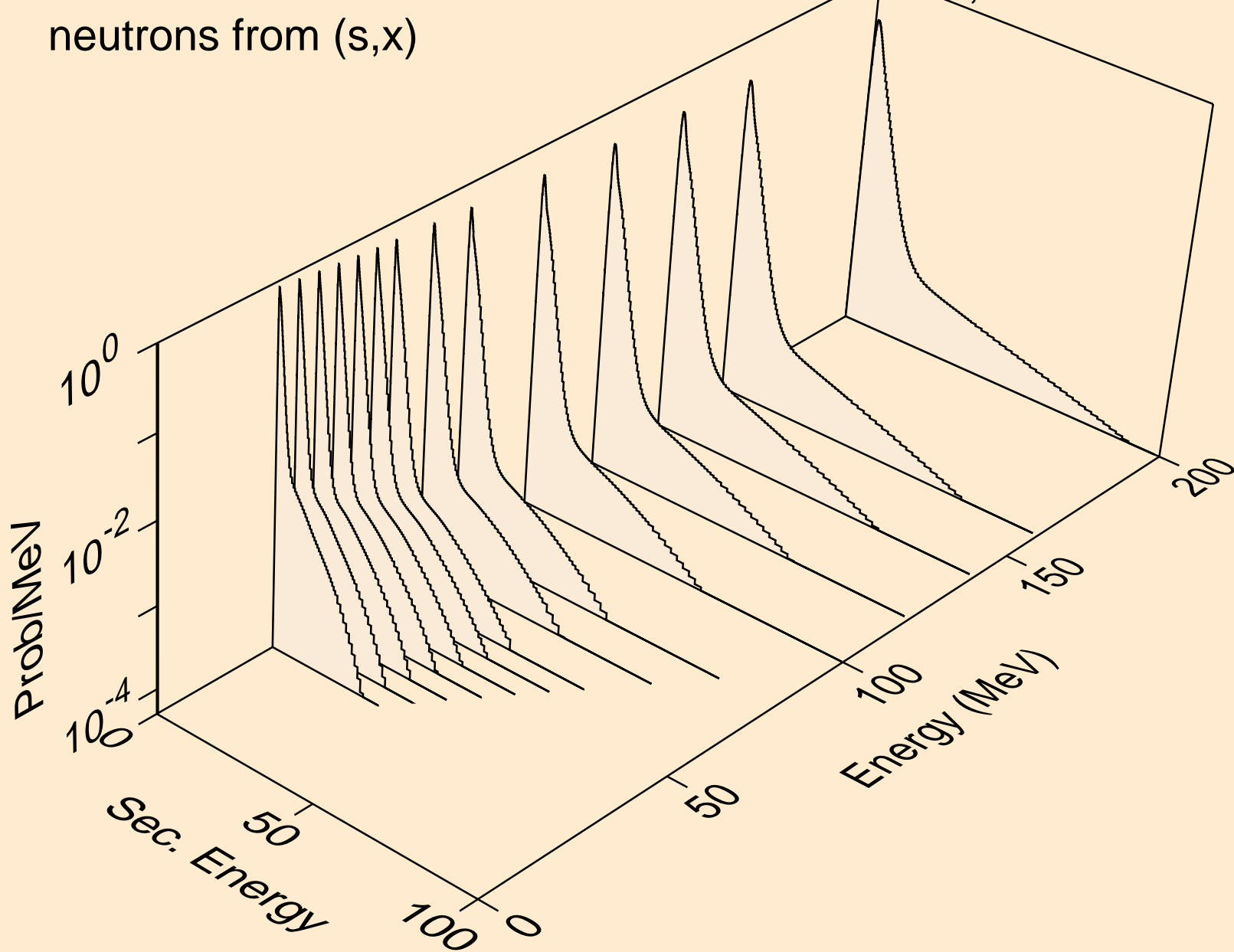


OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n)

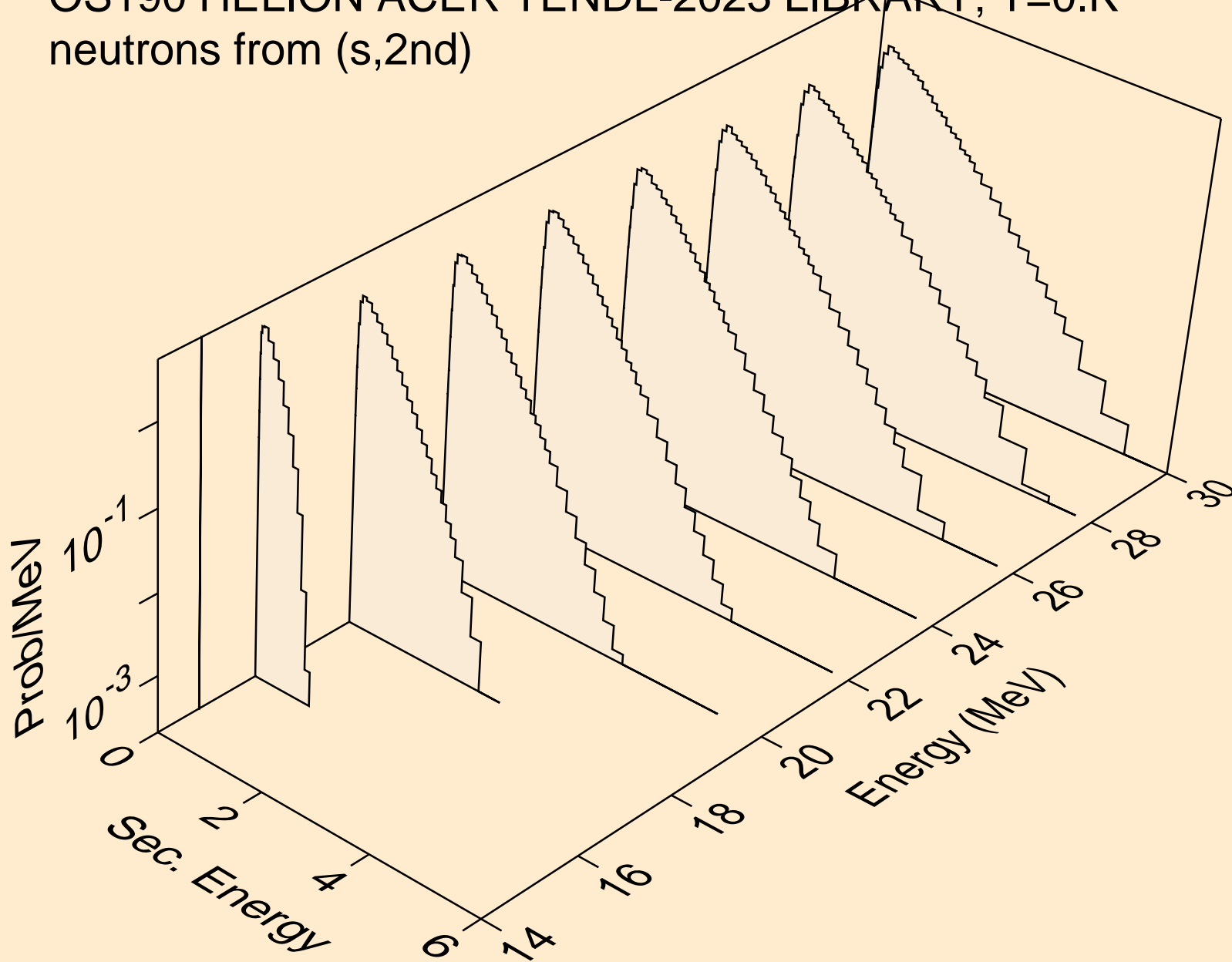




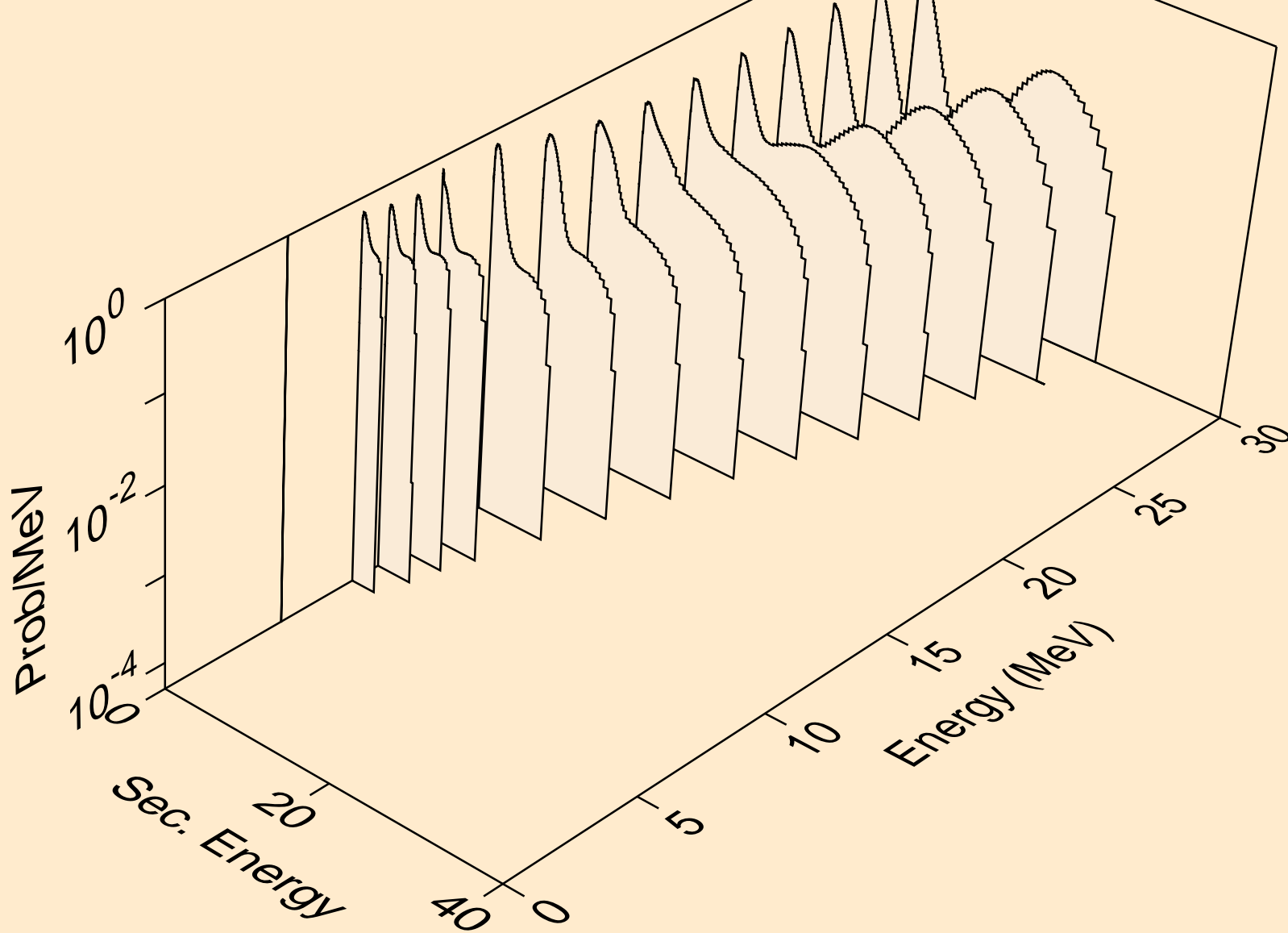
OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,x)



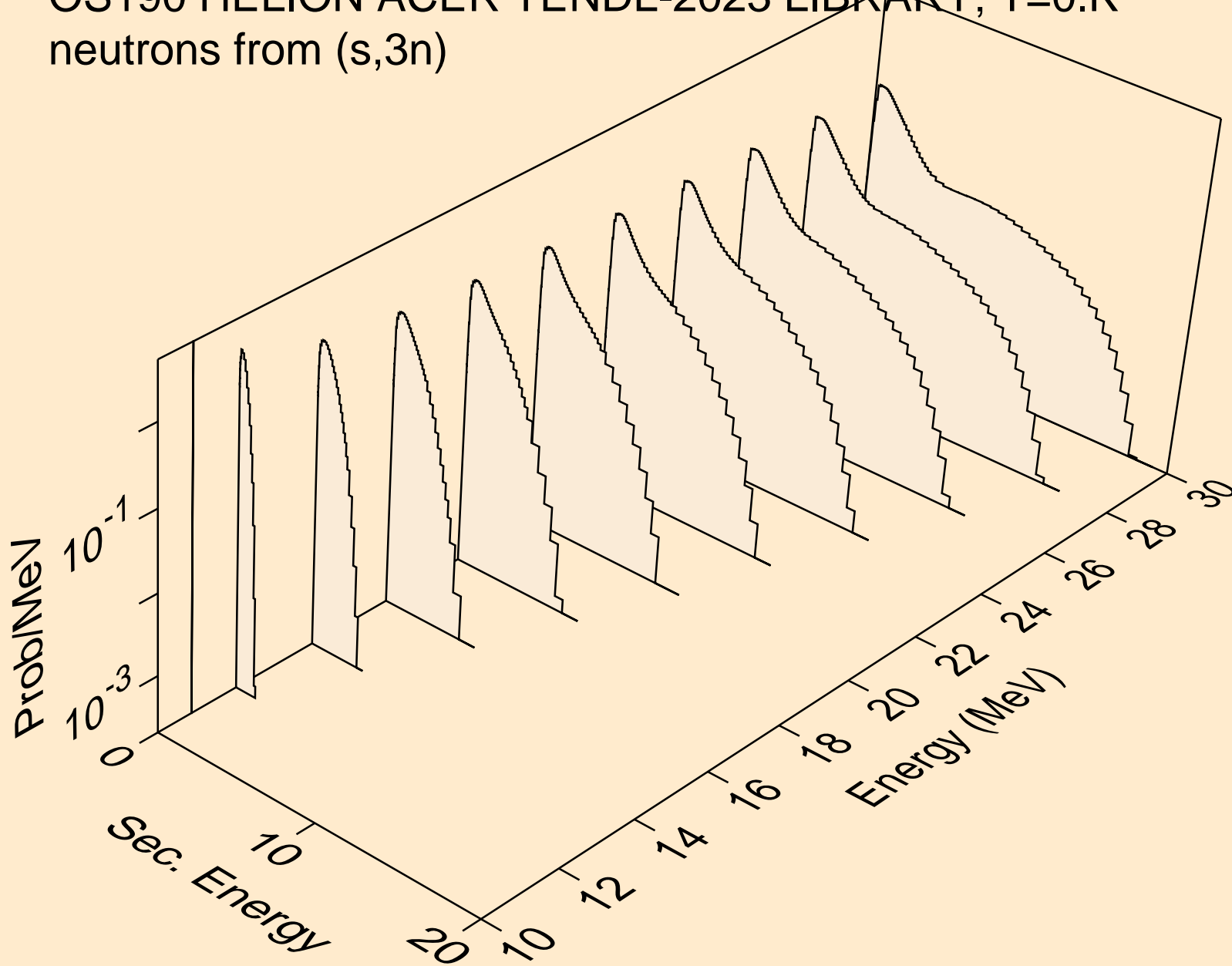
OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2nd)



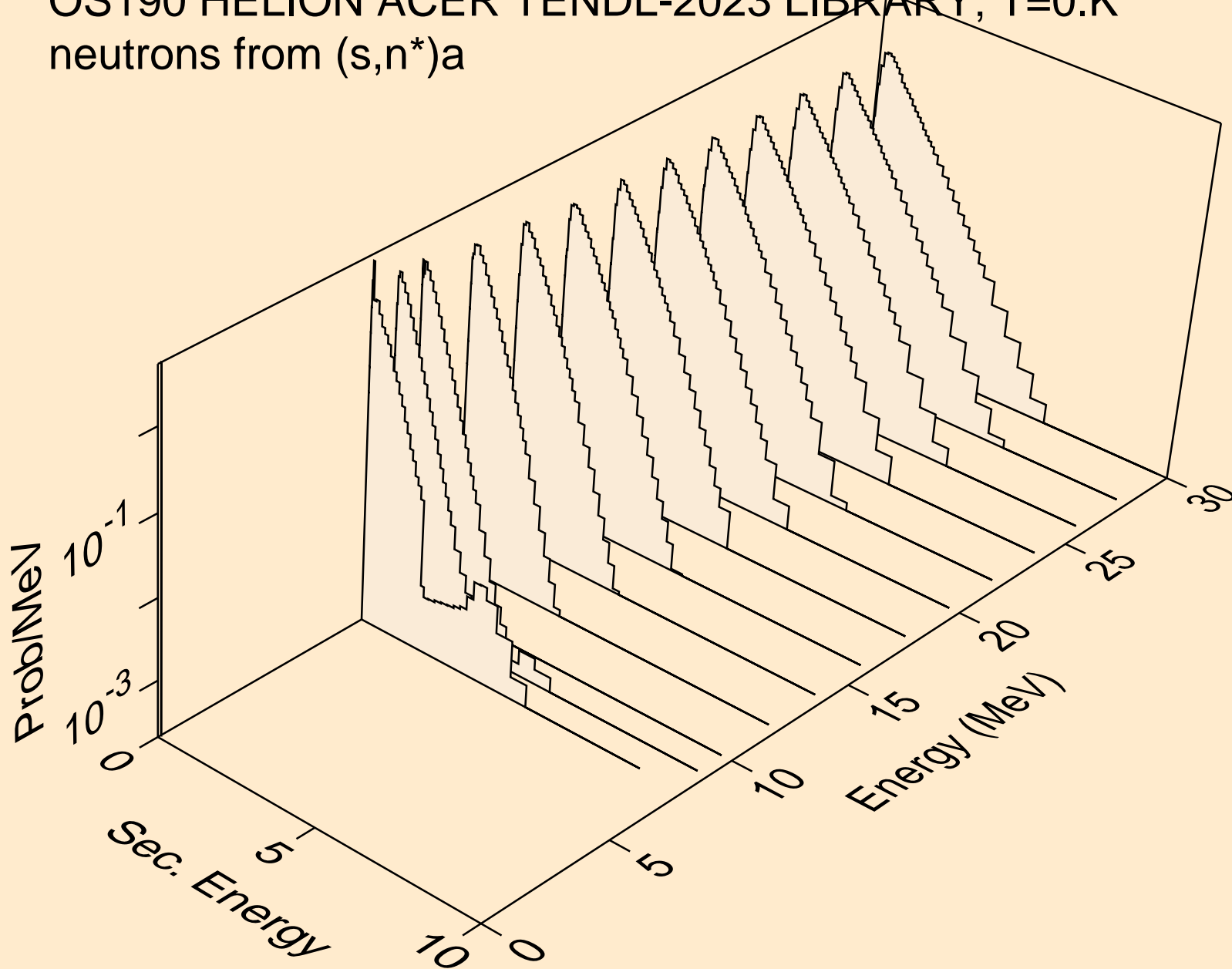
OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)



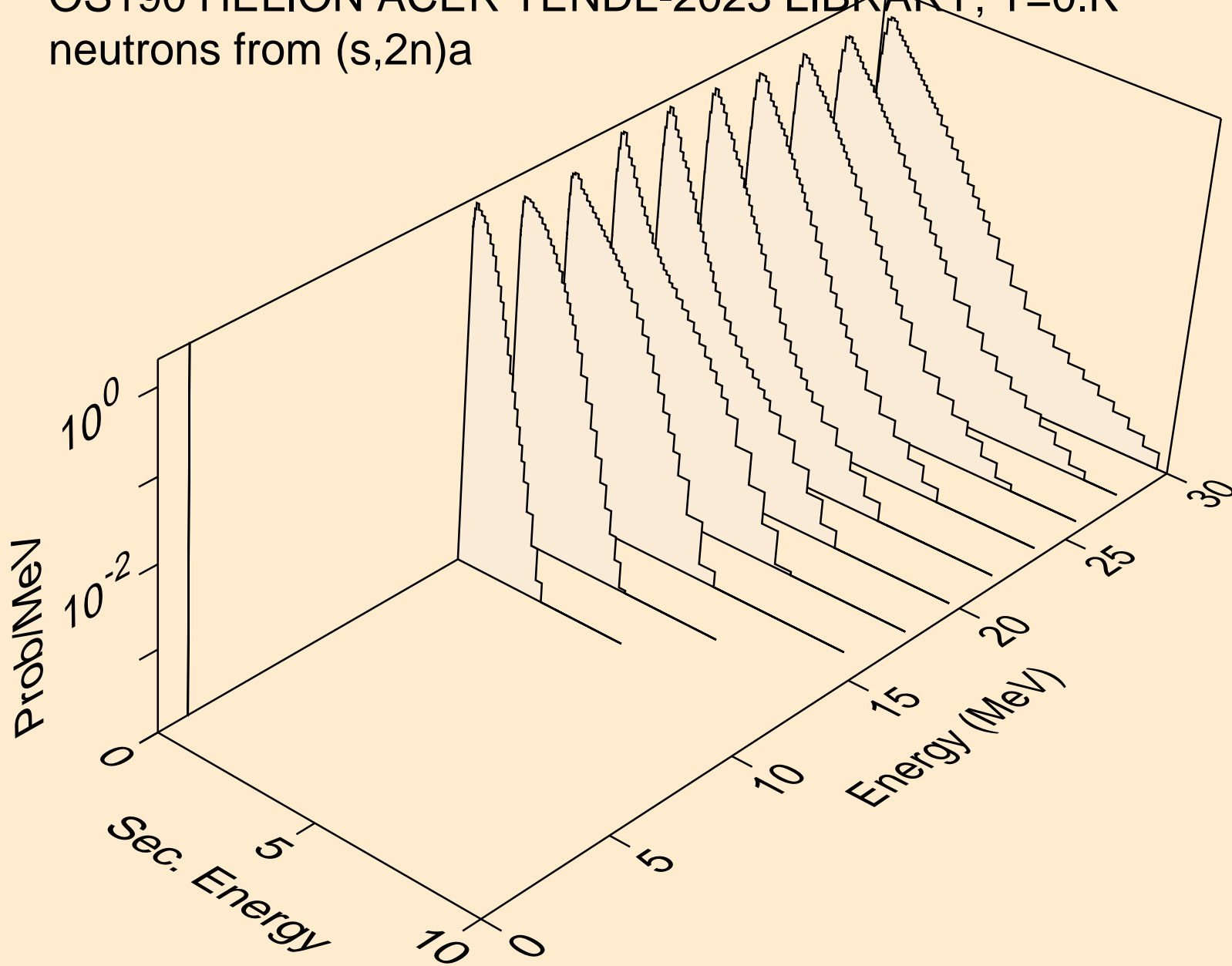
OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3n)



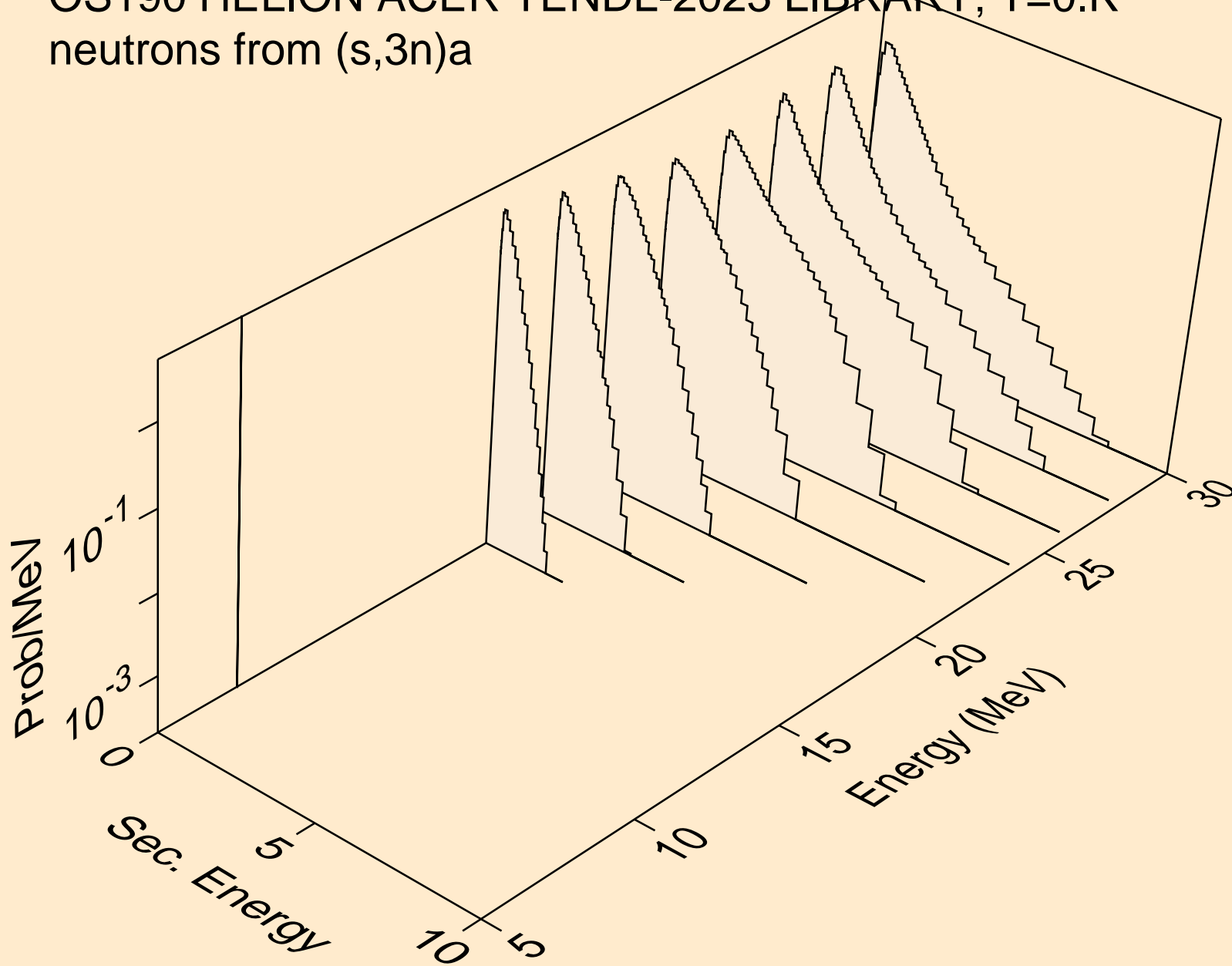
OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)a



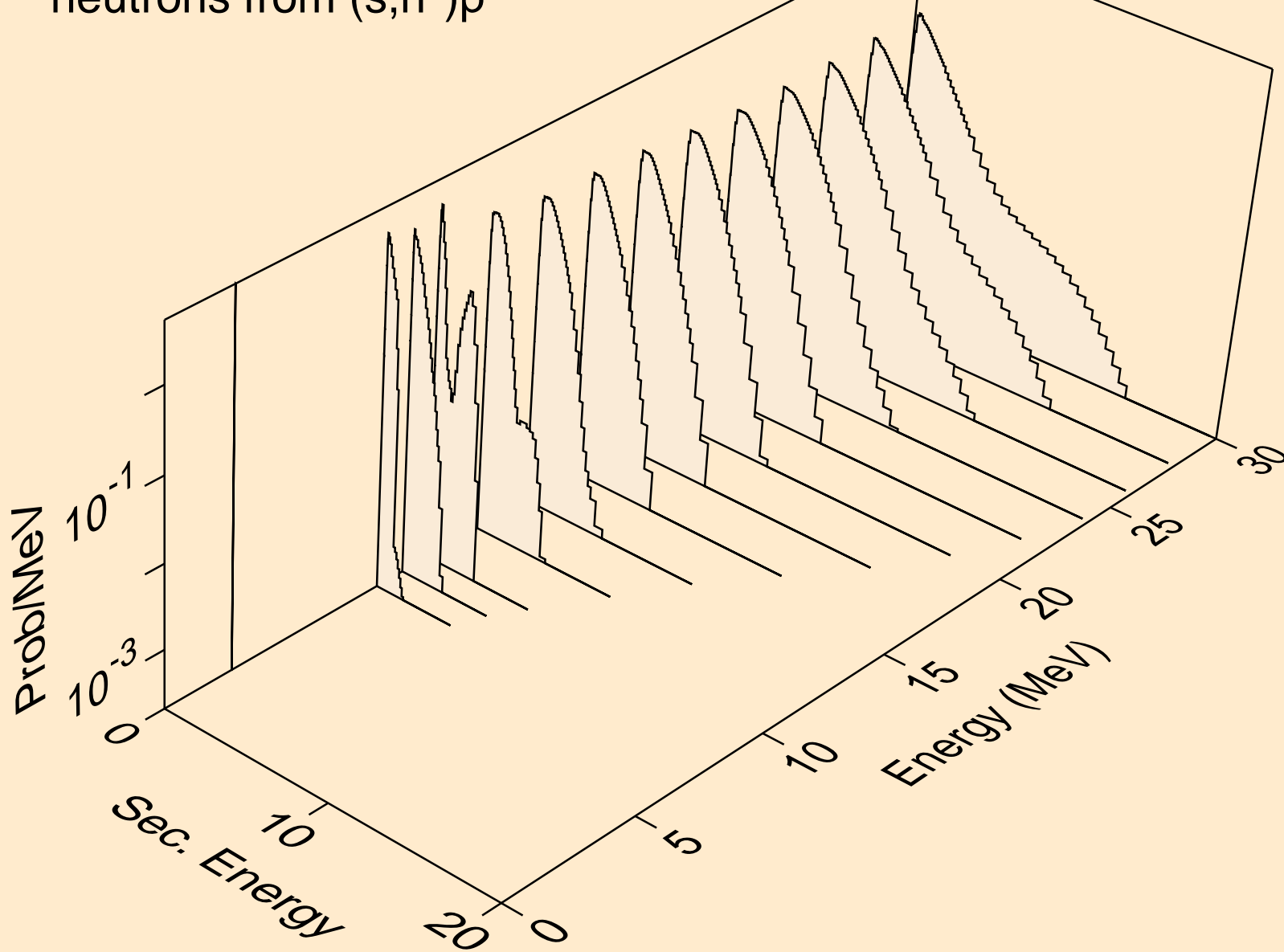
OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)a



OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3n)a

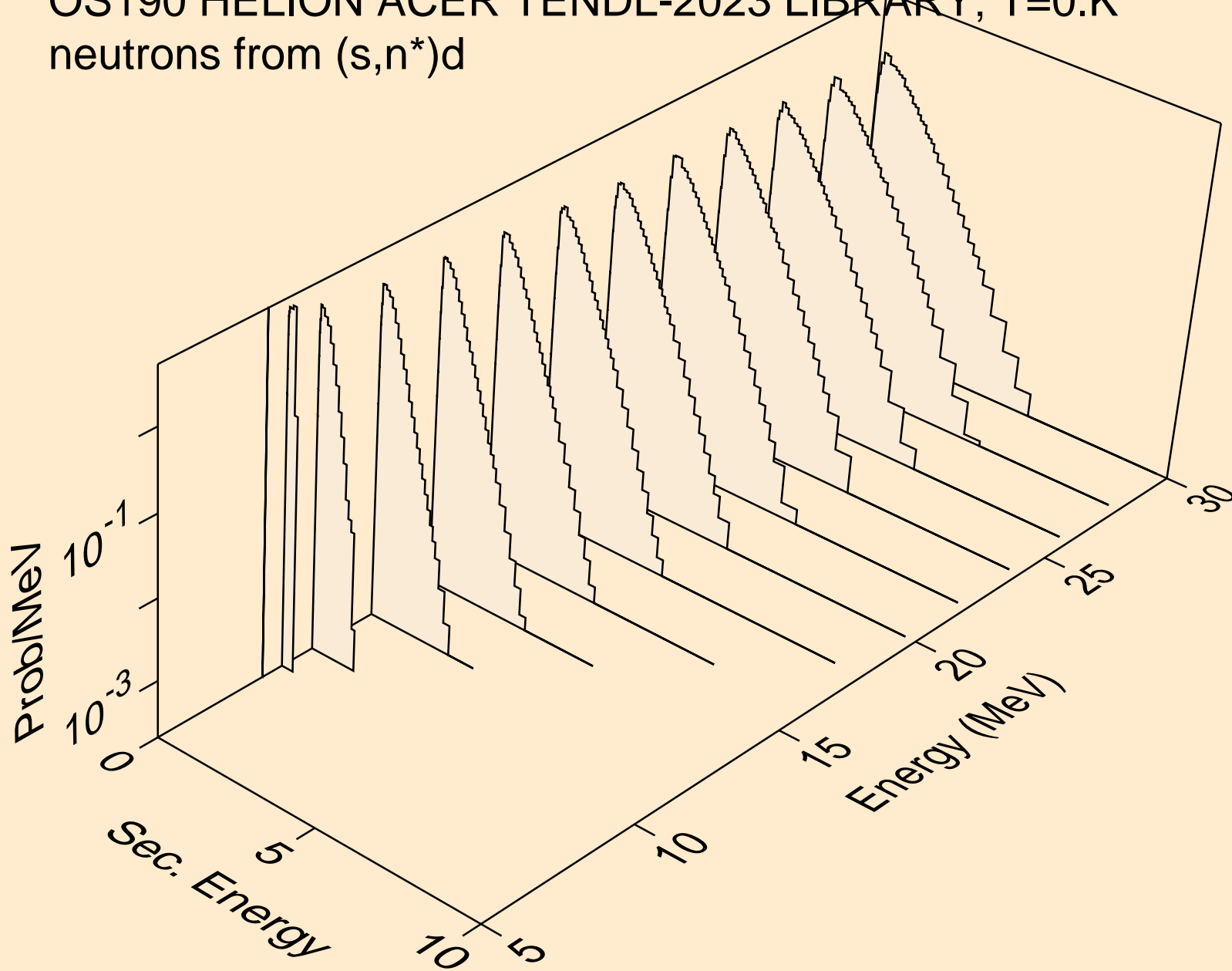


OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)p

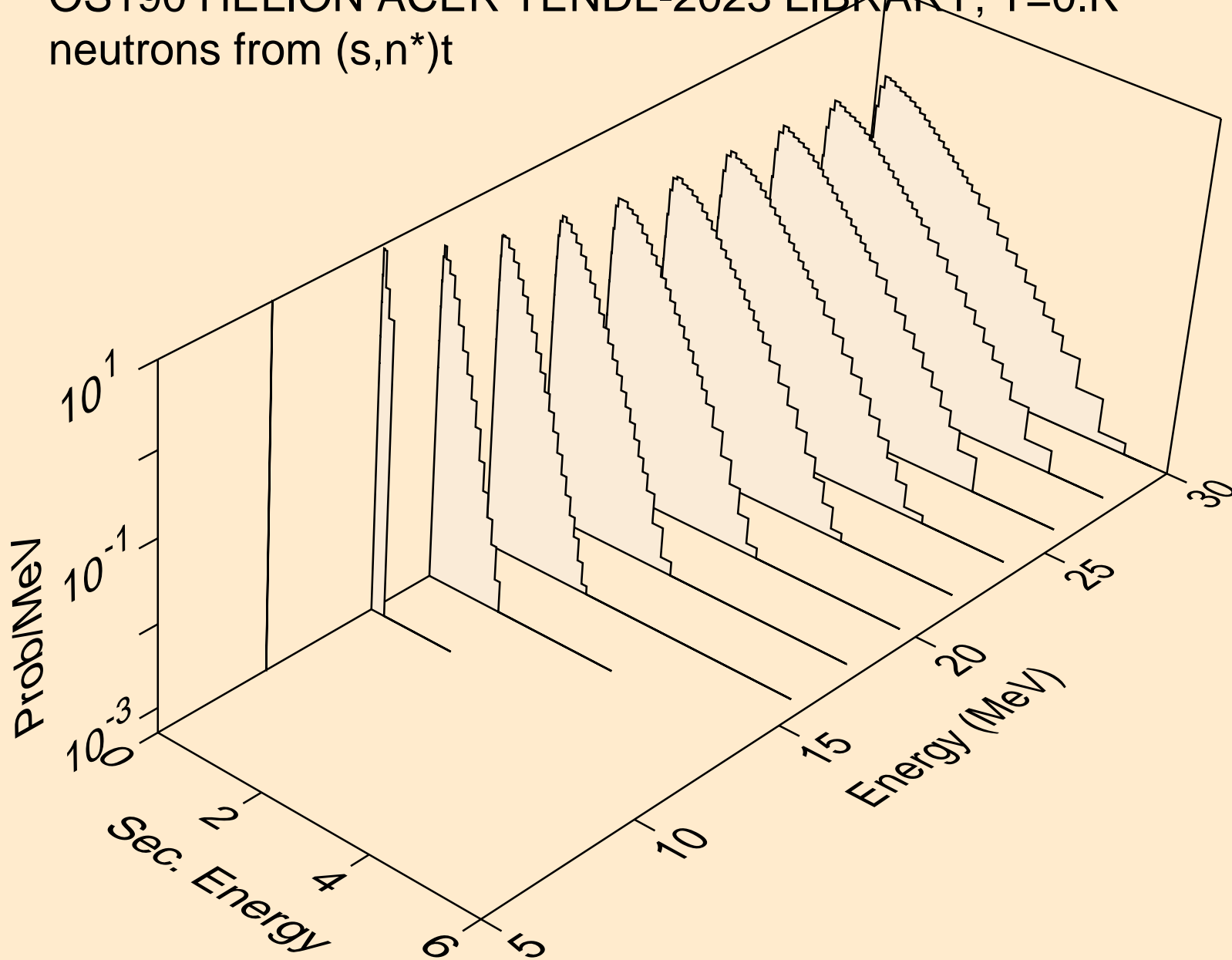




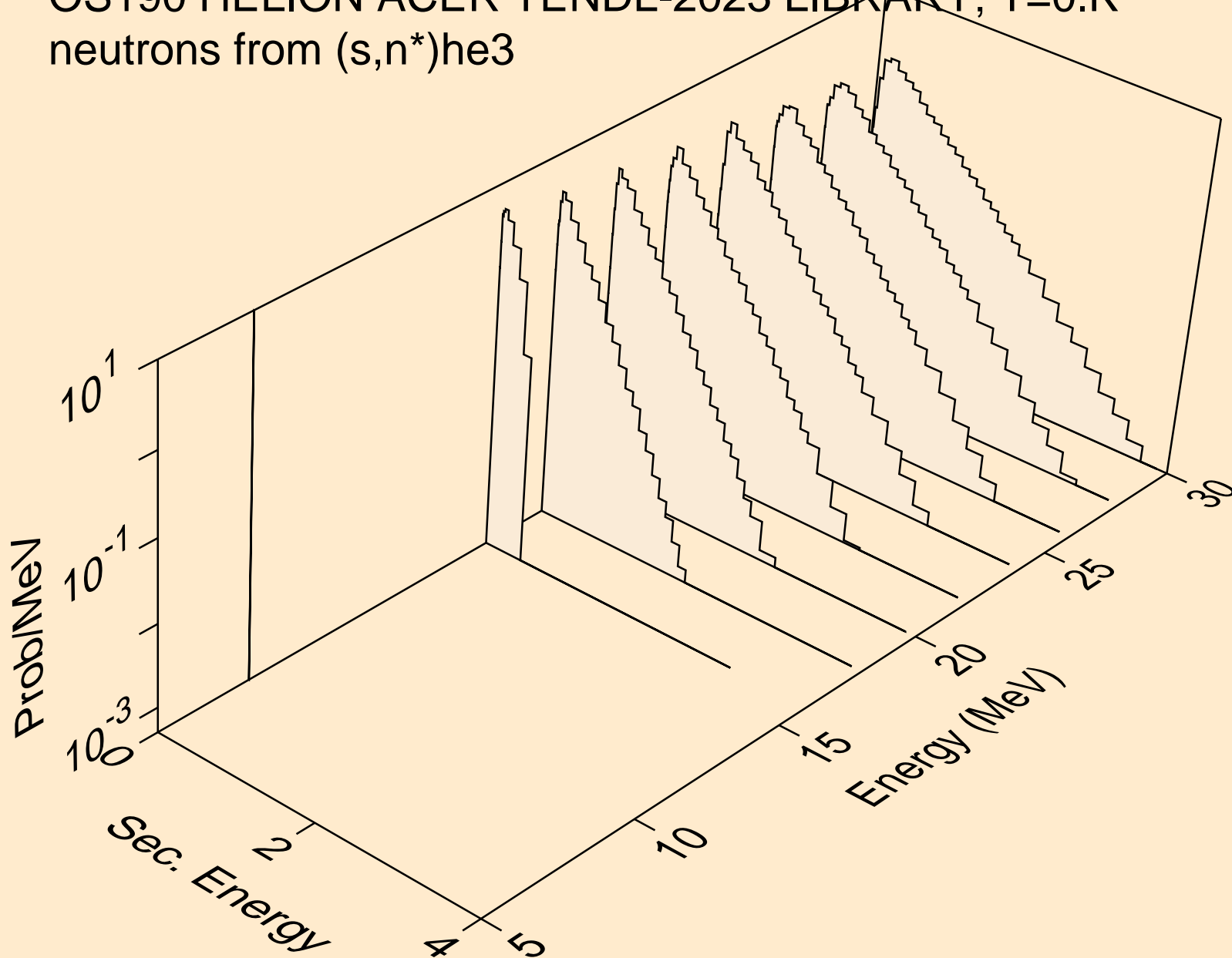
OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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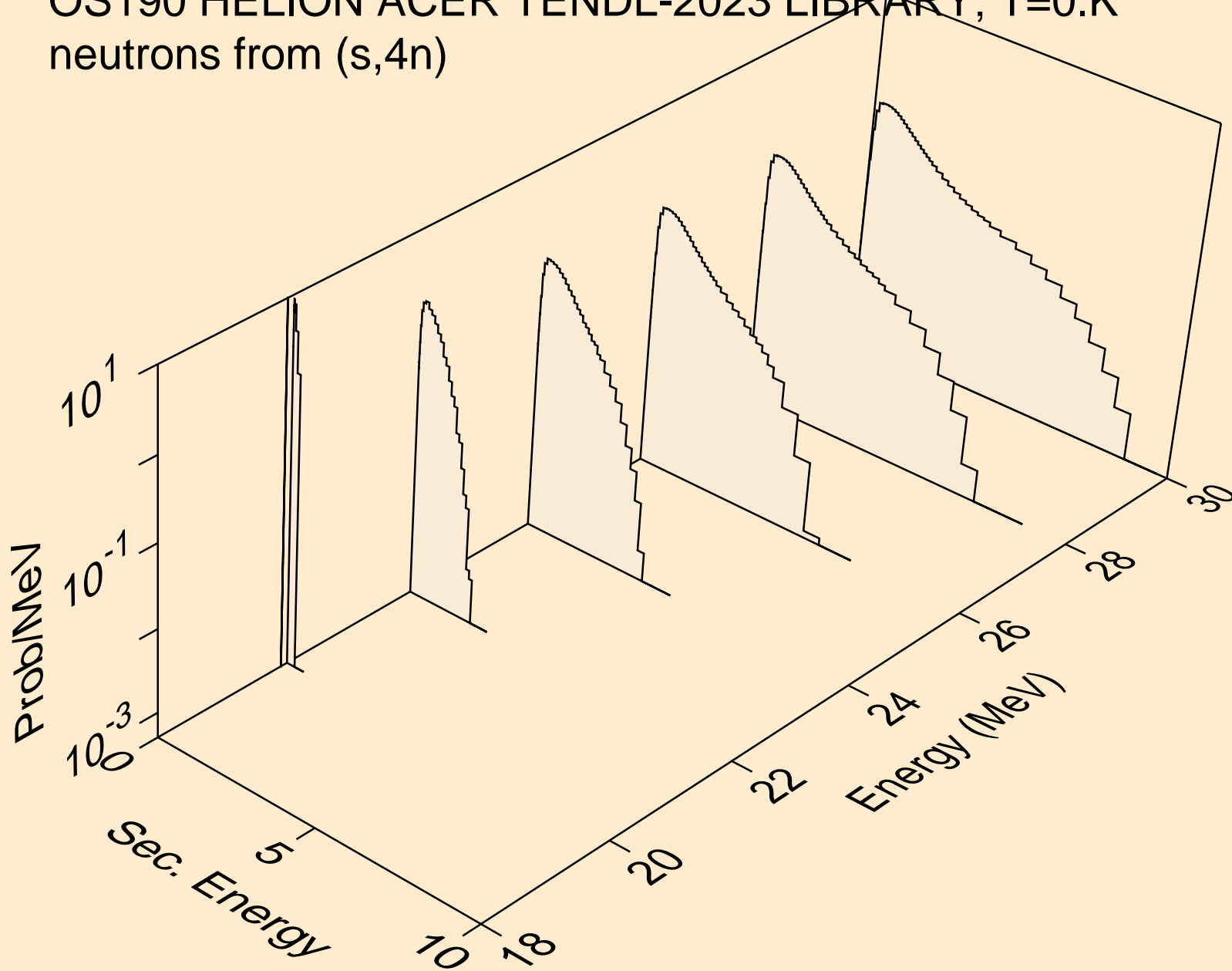
OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)t



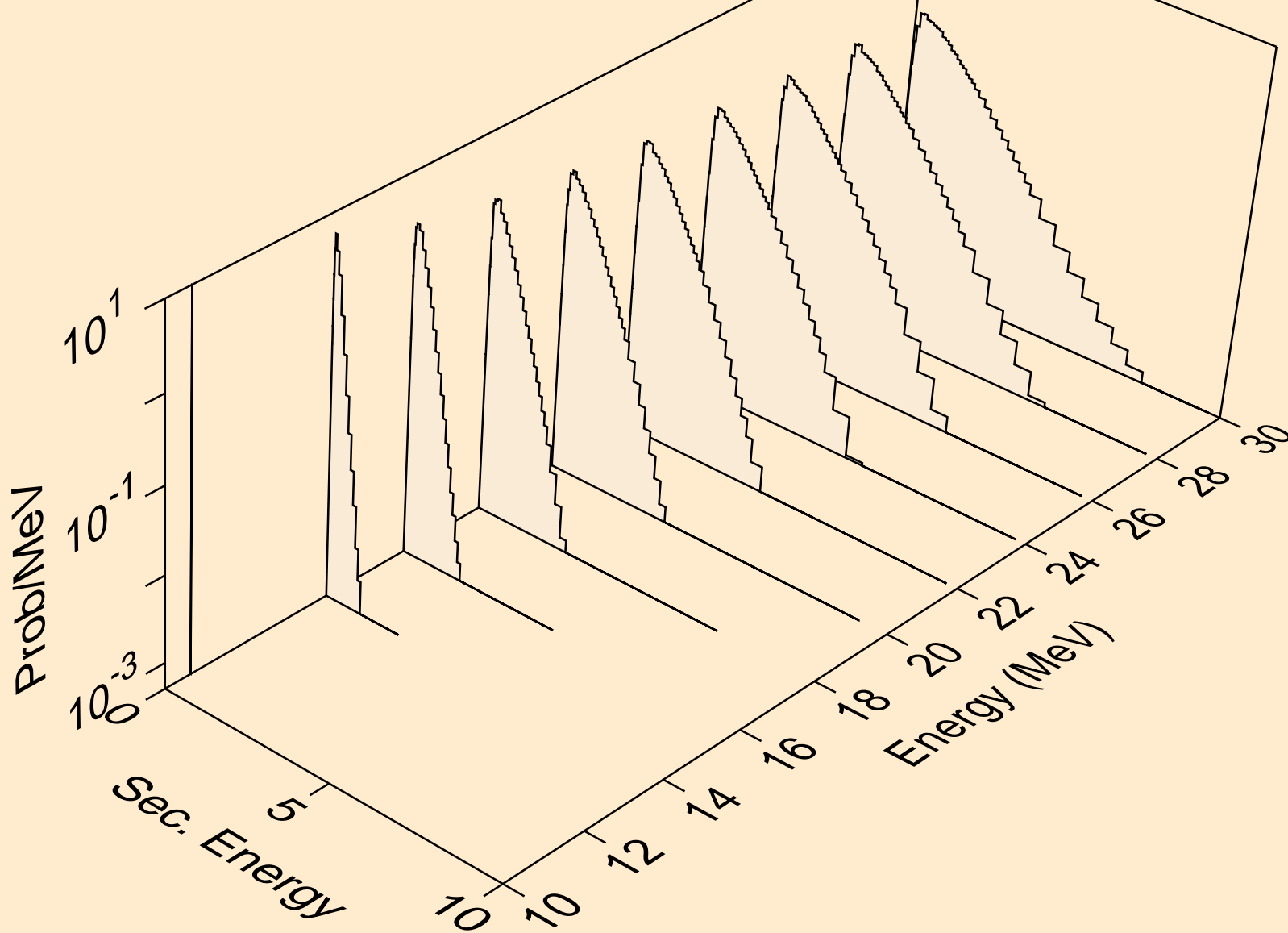
OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



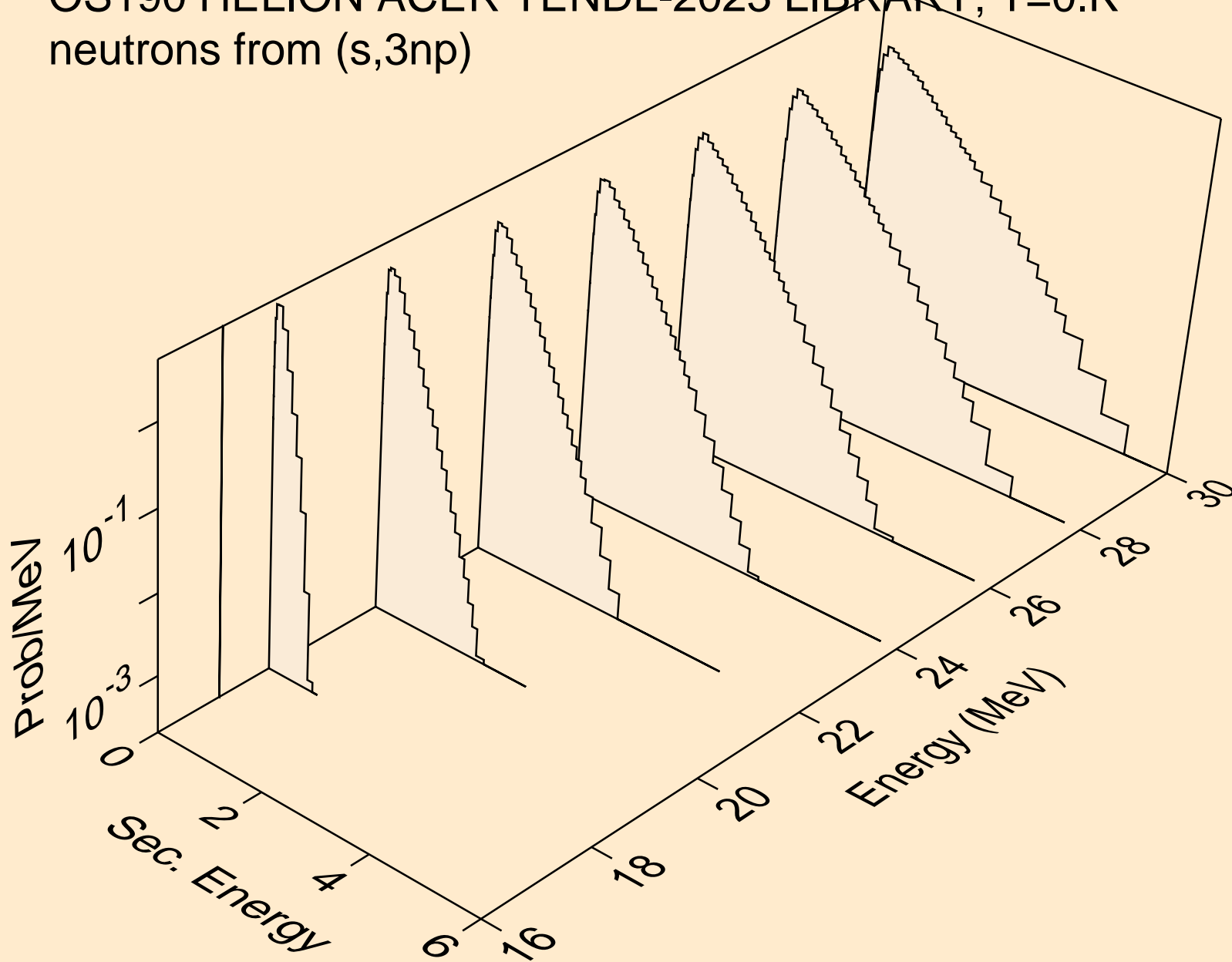
OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,4n)



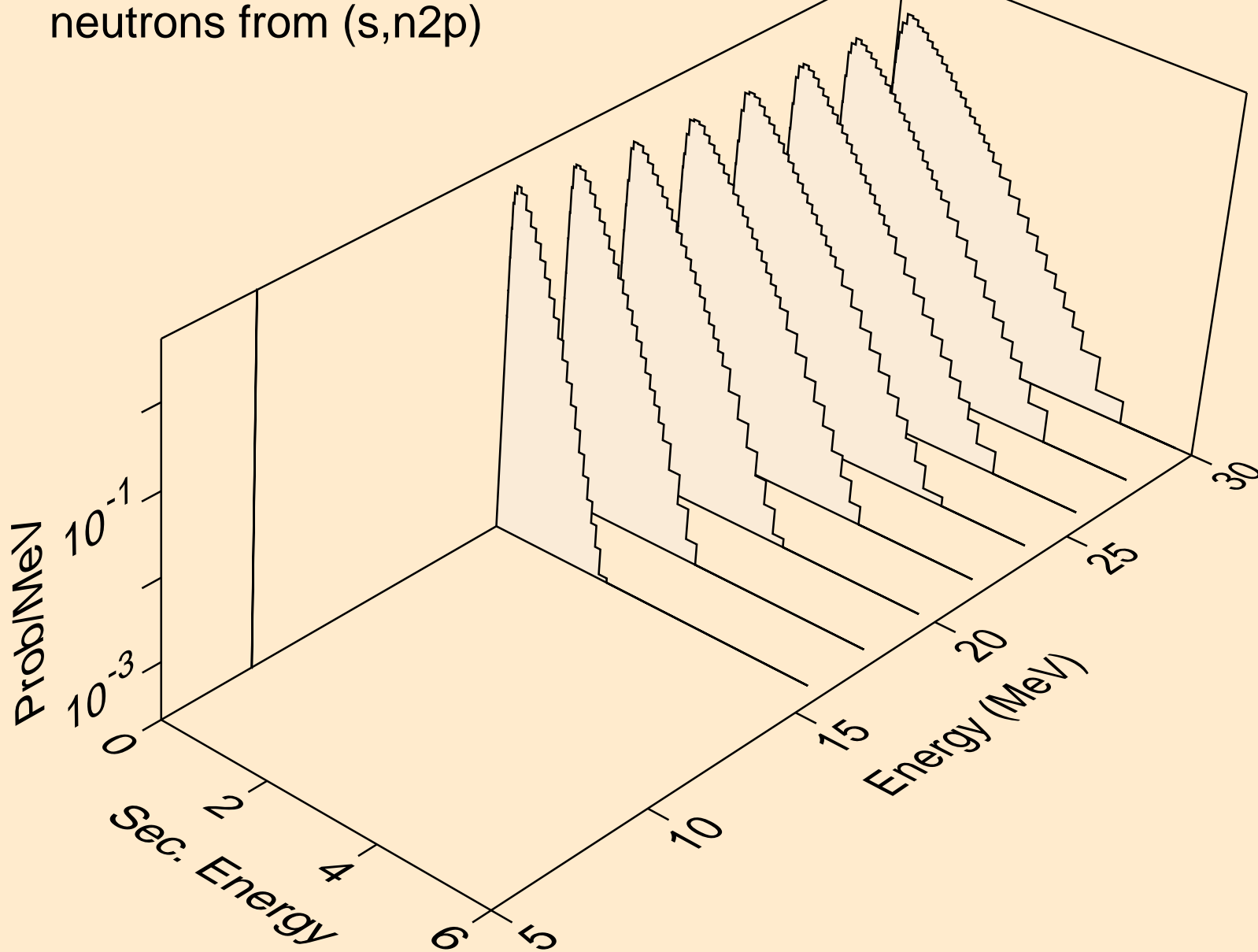
OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2np)



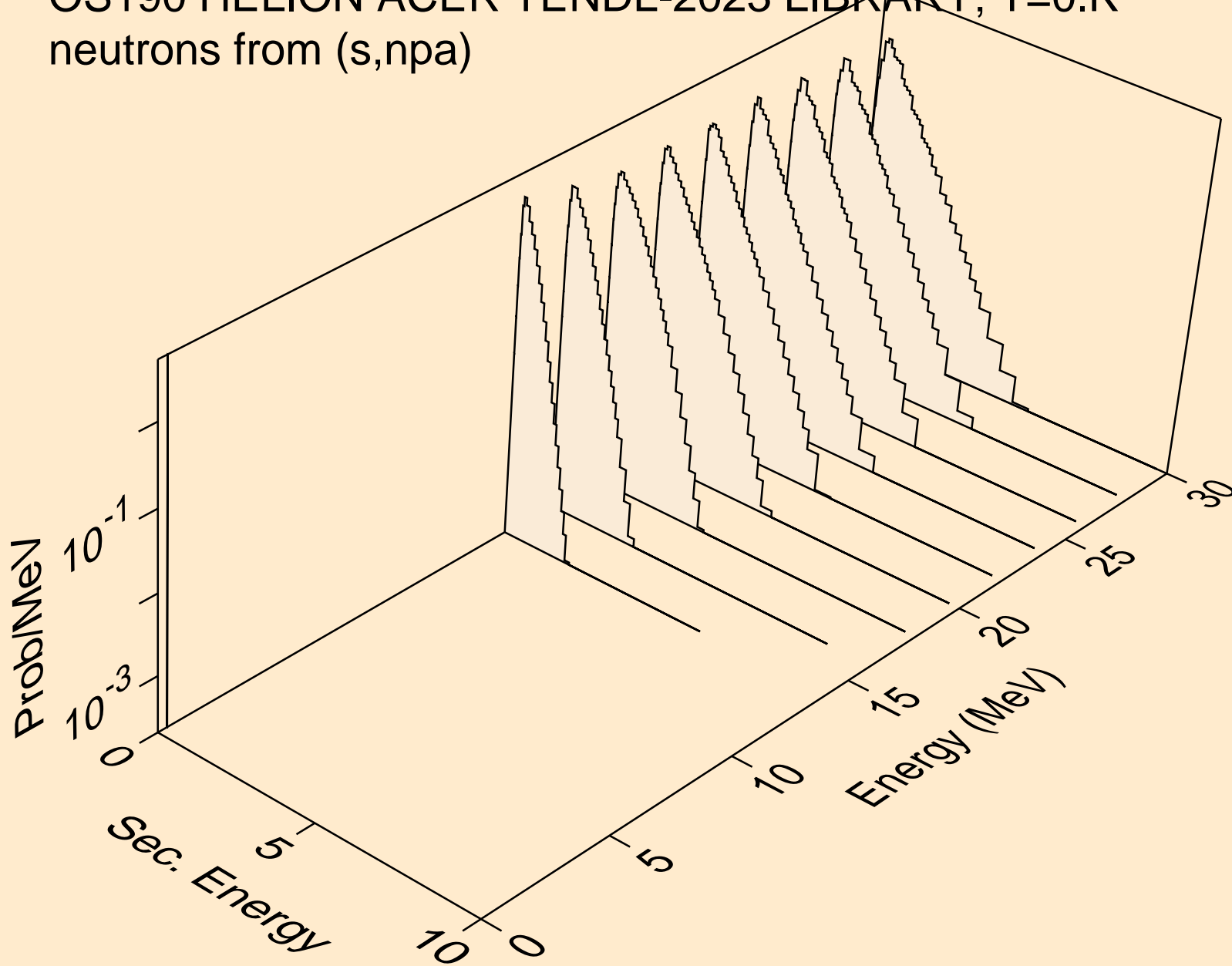
OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3np)



OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n2p)

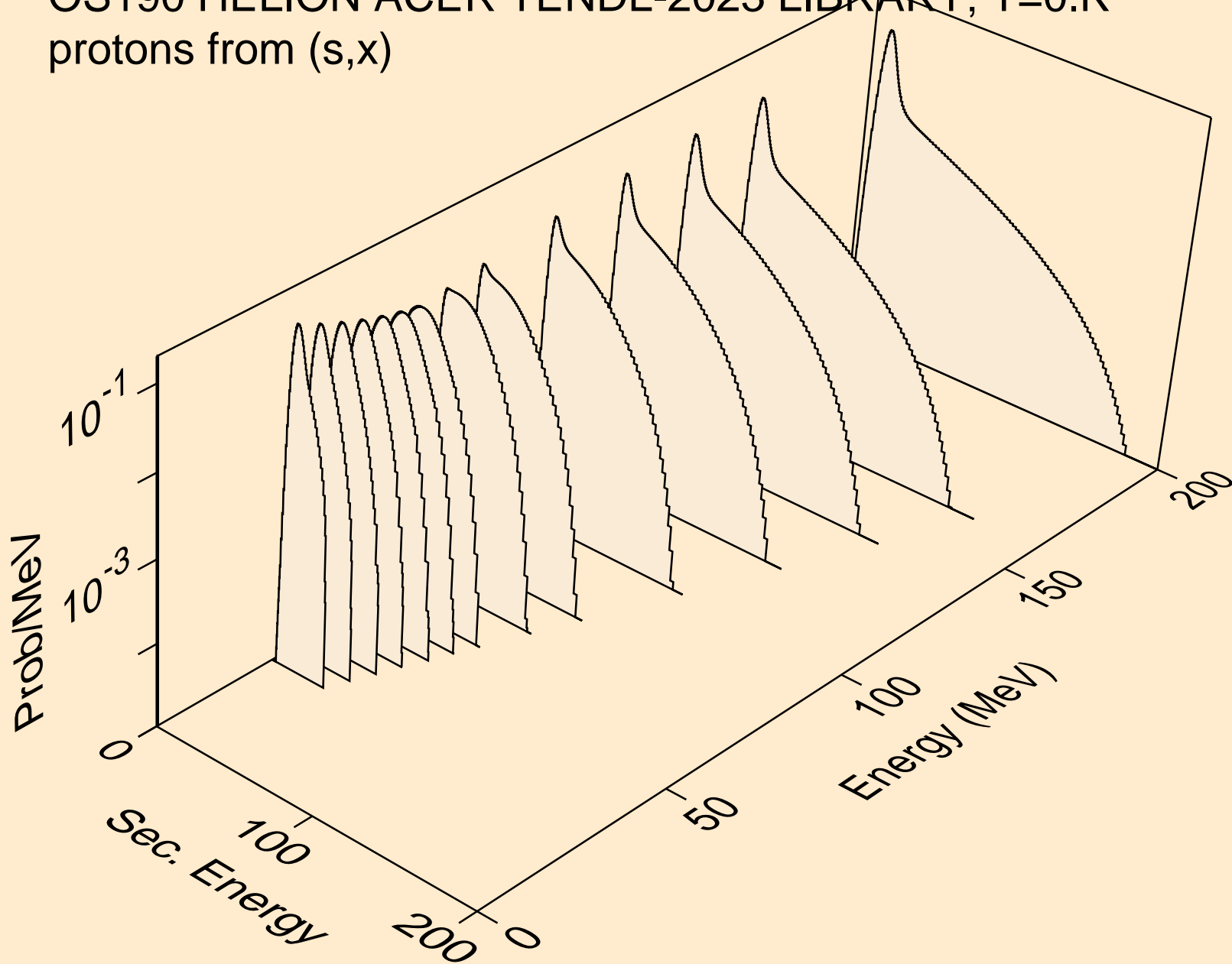


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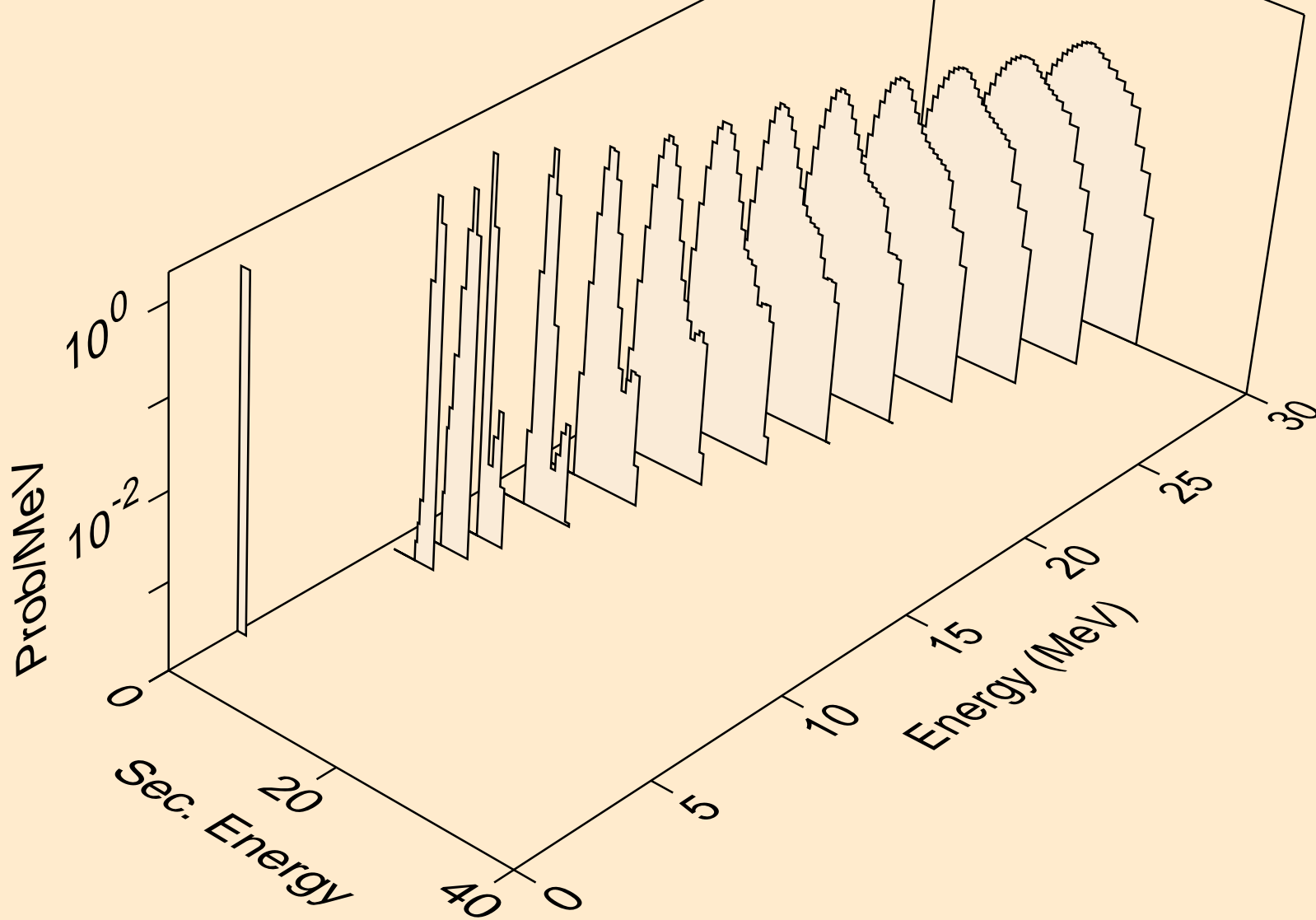




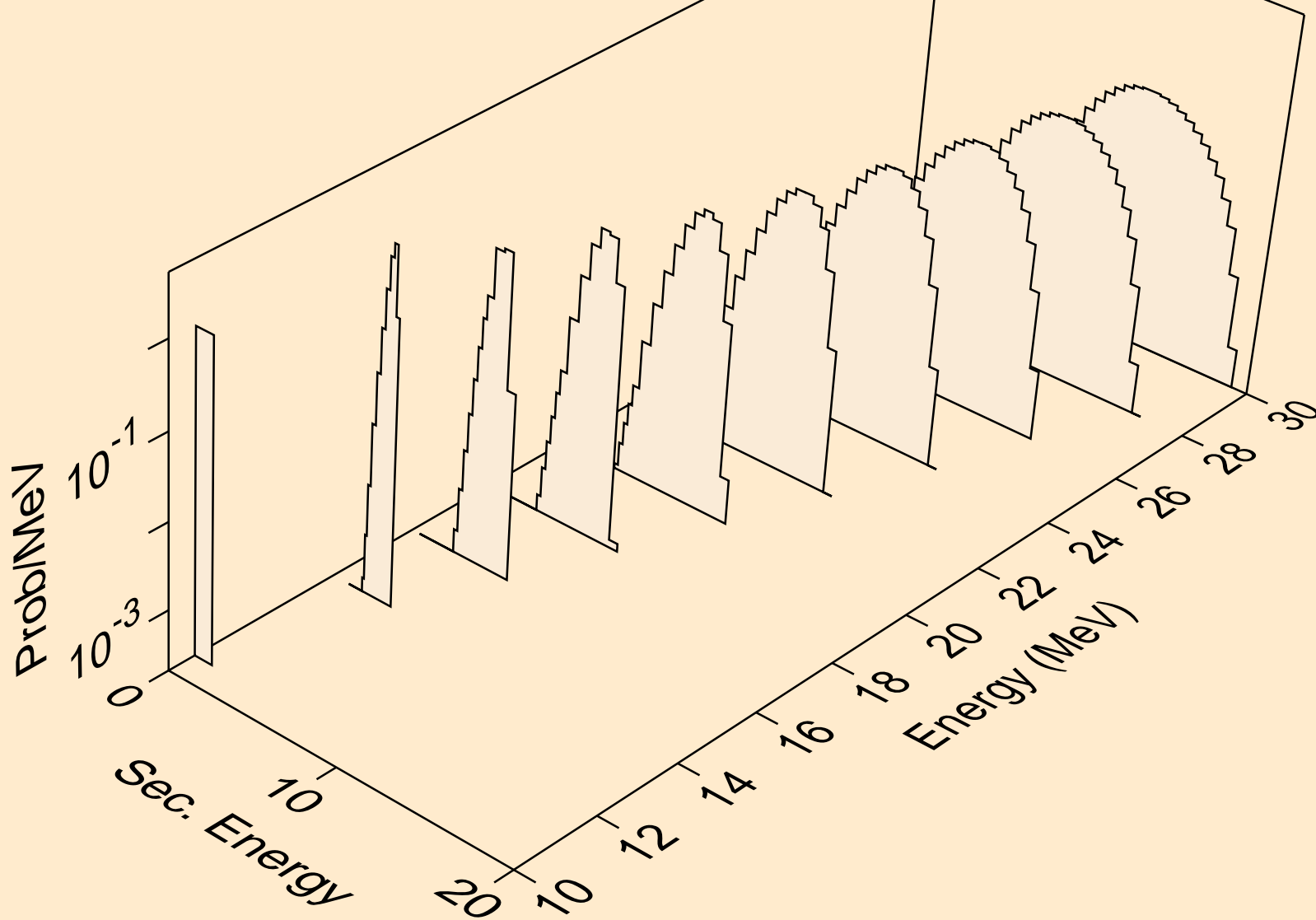
OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,x)



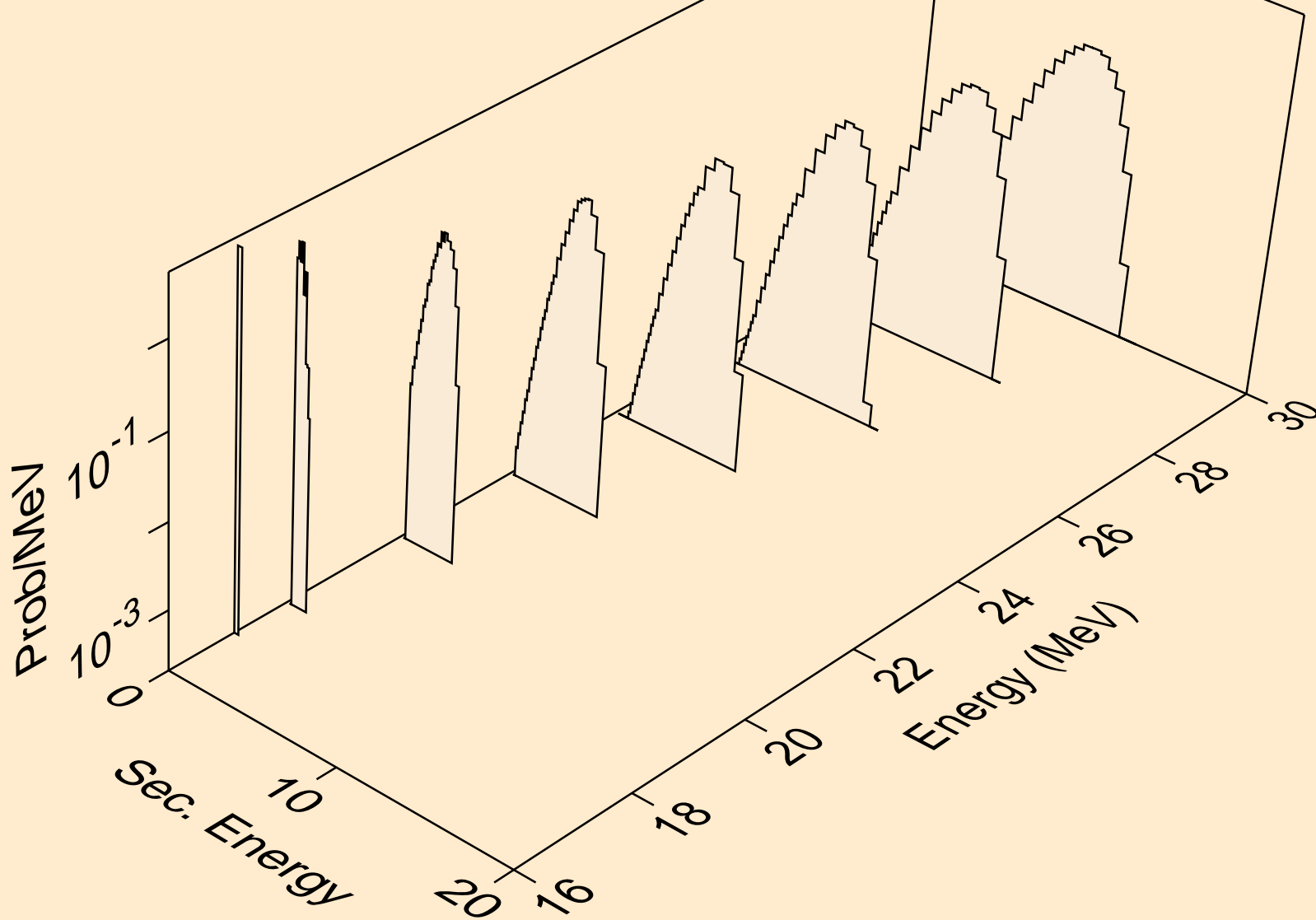
OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,n\*)p



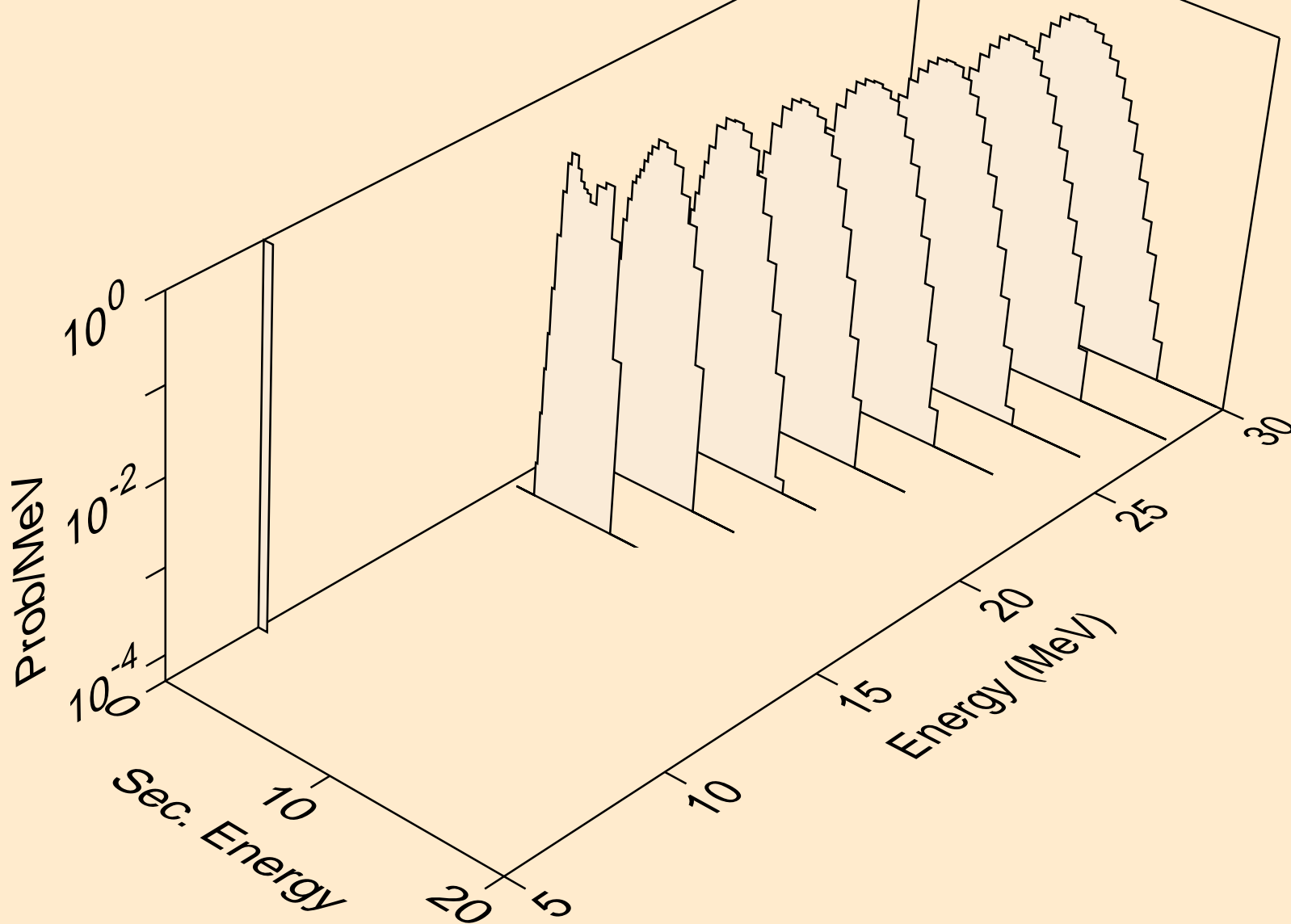
OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,2np)



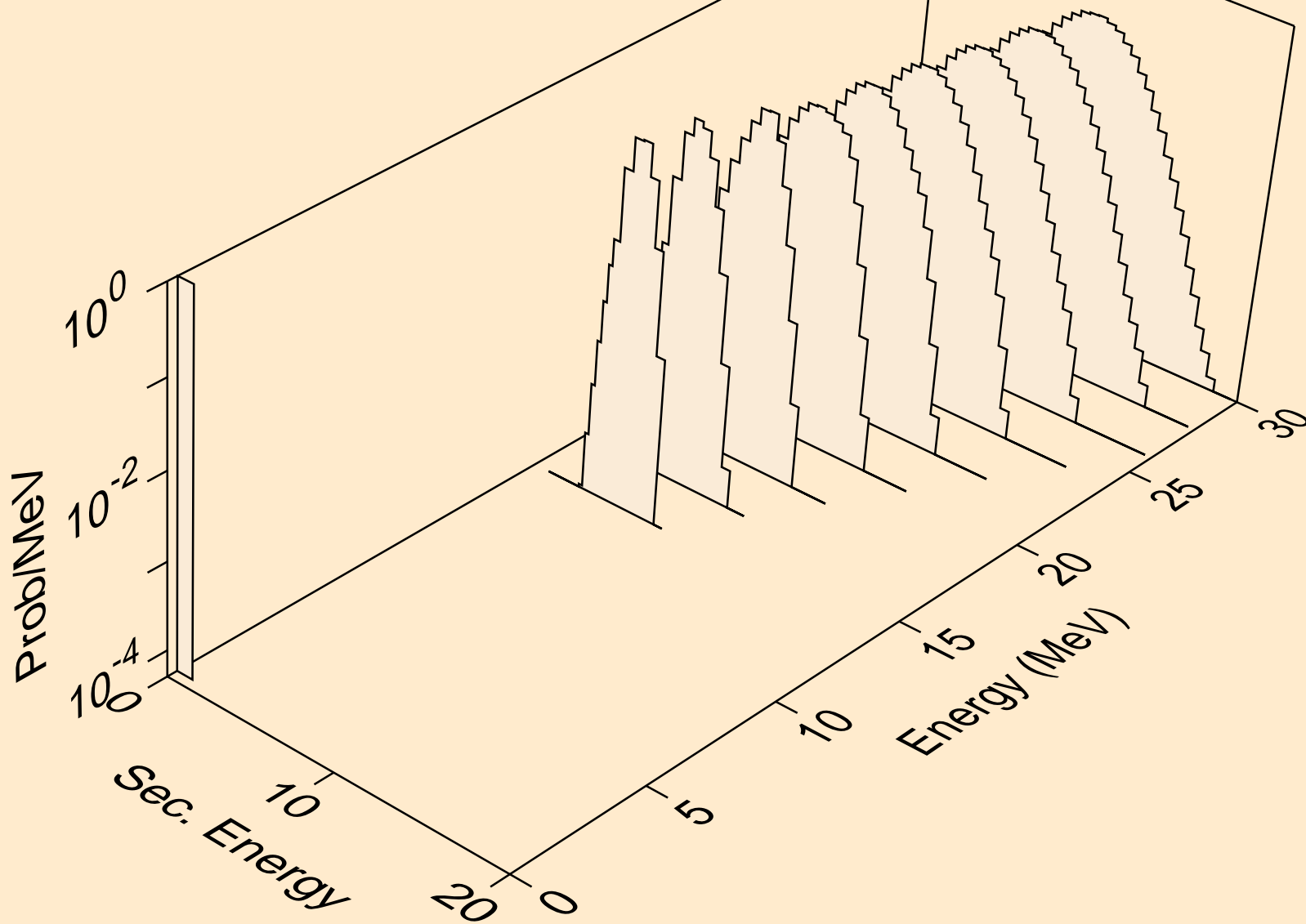
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protons from (s,3np)



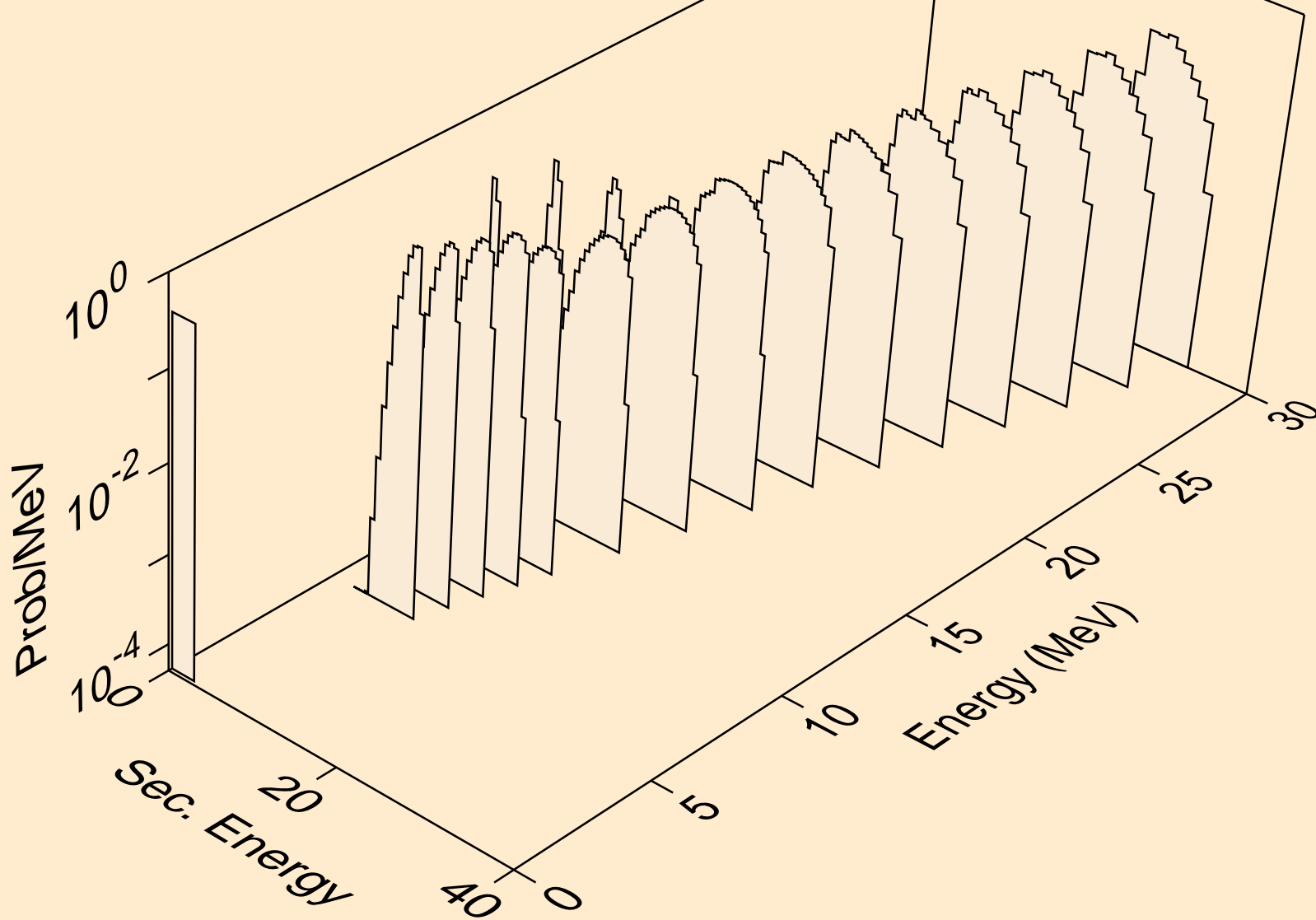
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protons from (s,n2p)



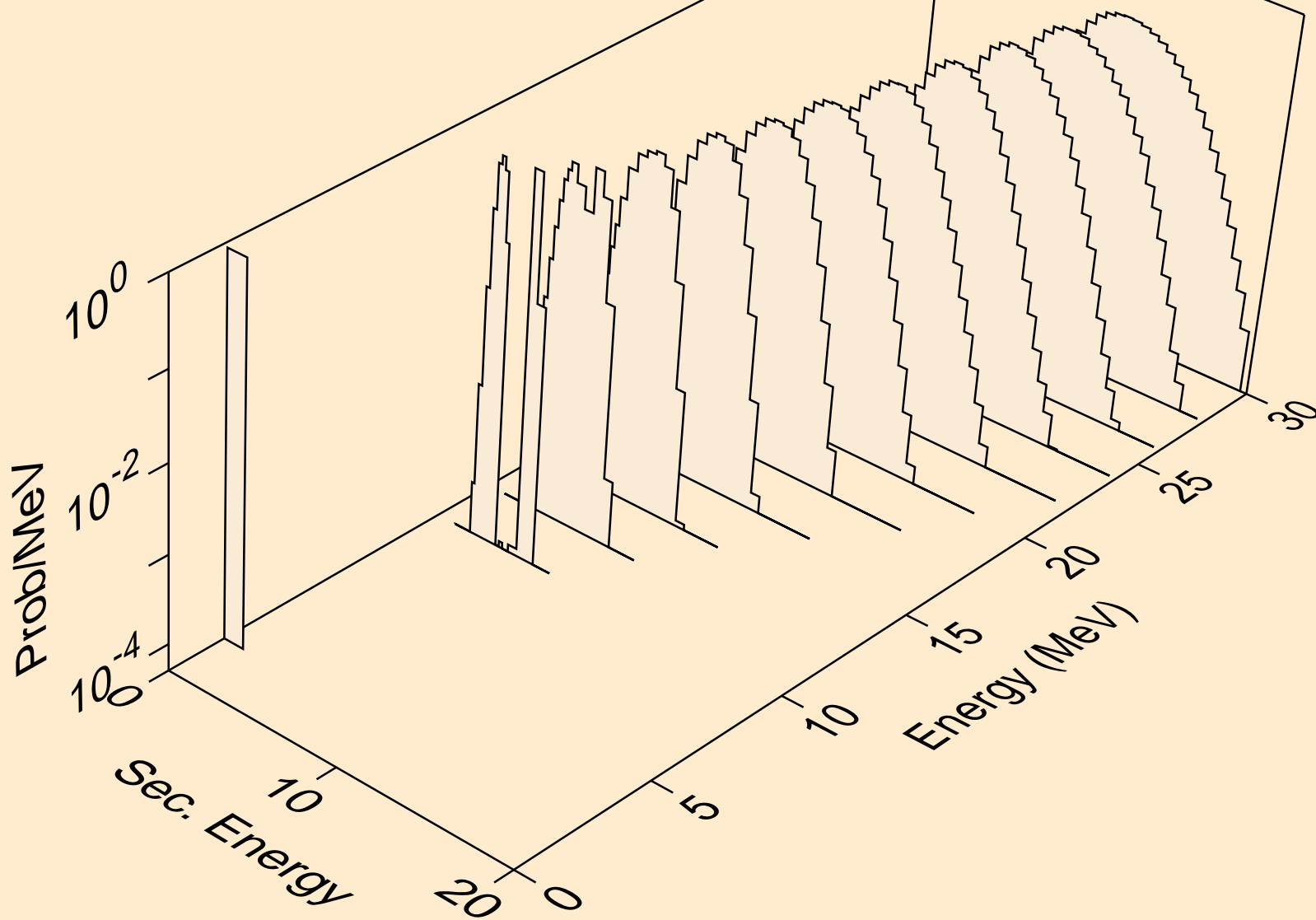
OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,npa)



OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,p)

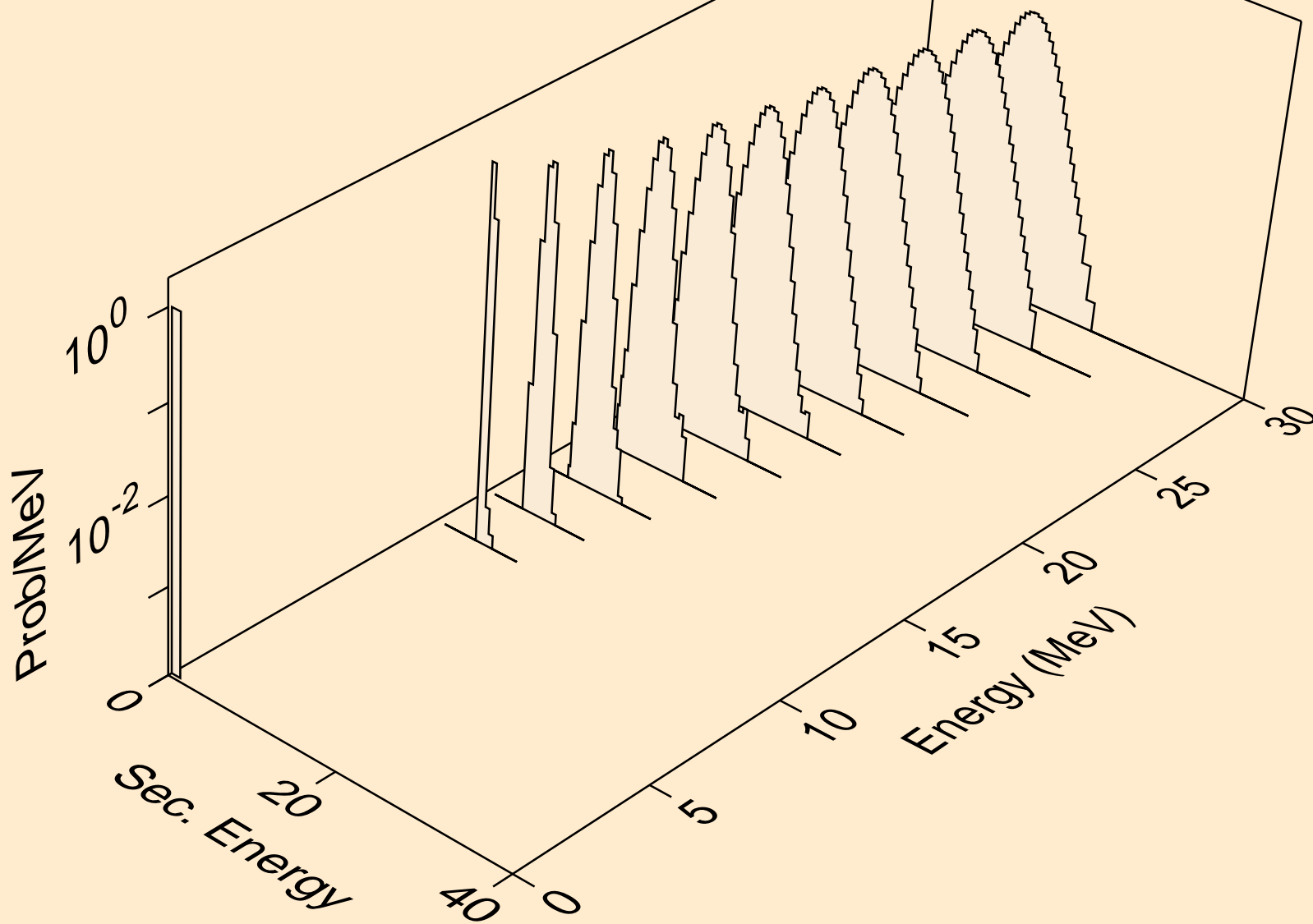


OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,2p)

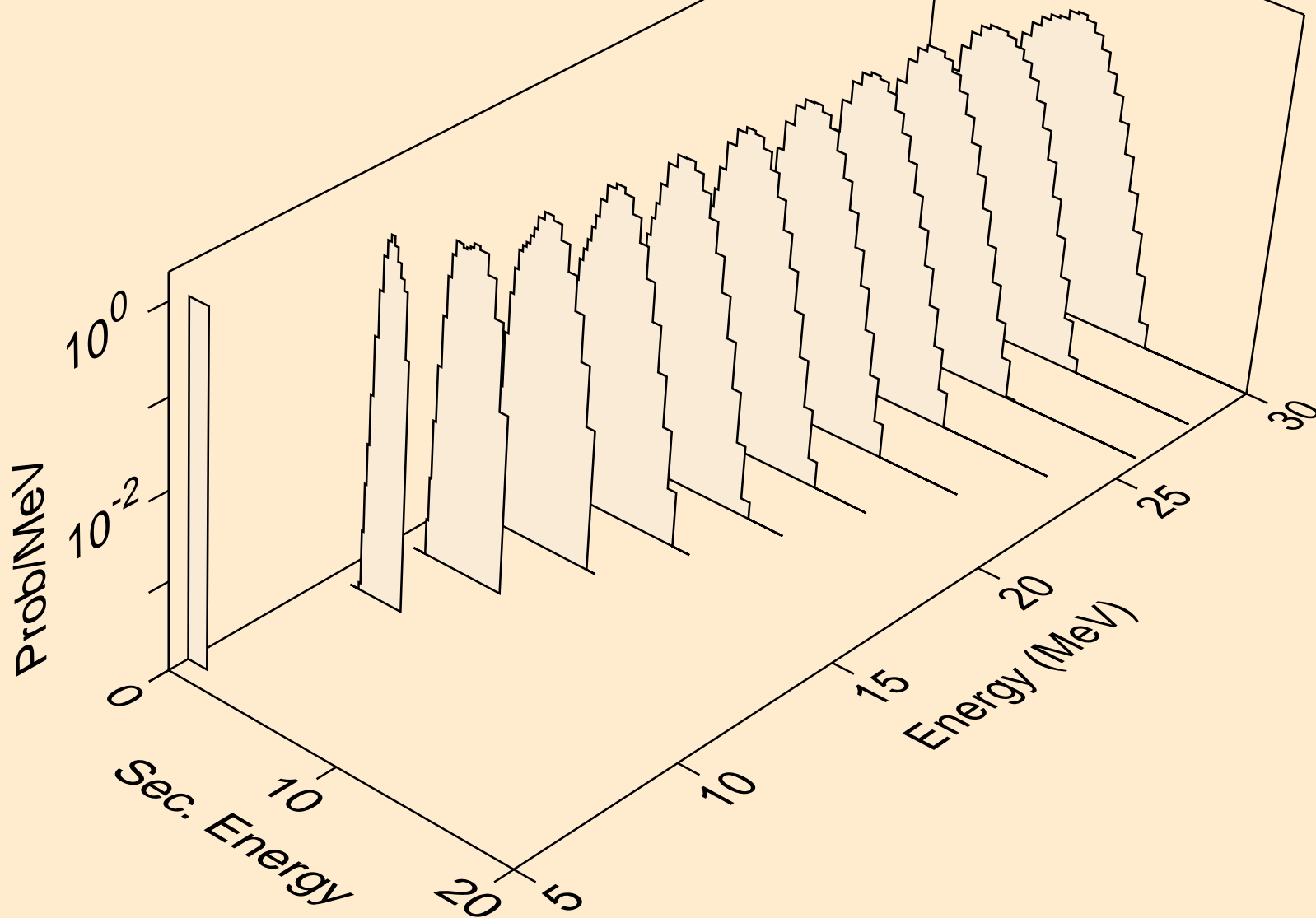




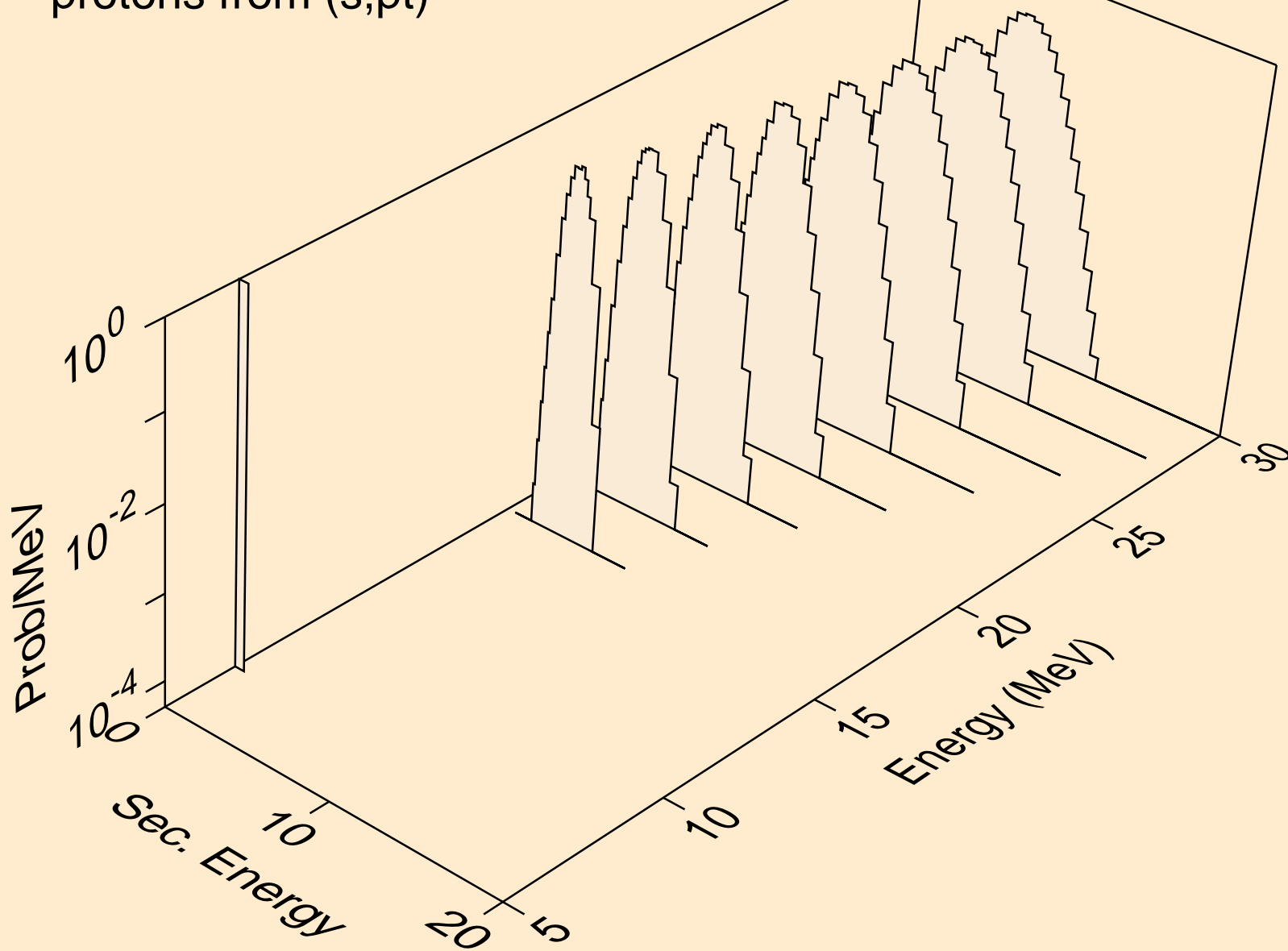
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protons from (s,pa)



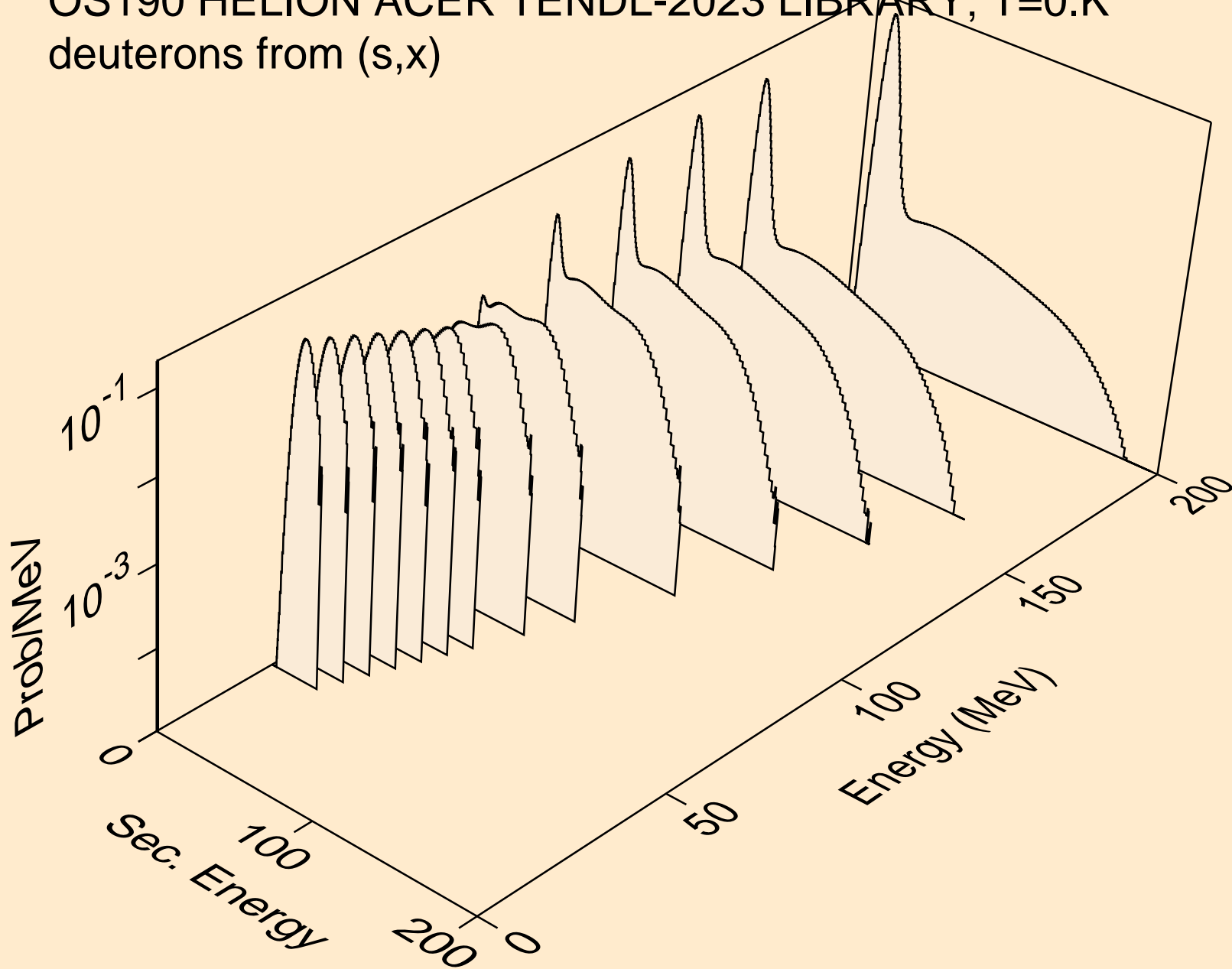
OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pd)



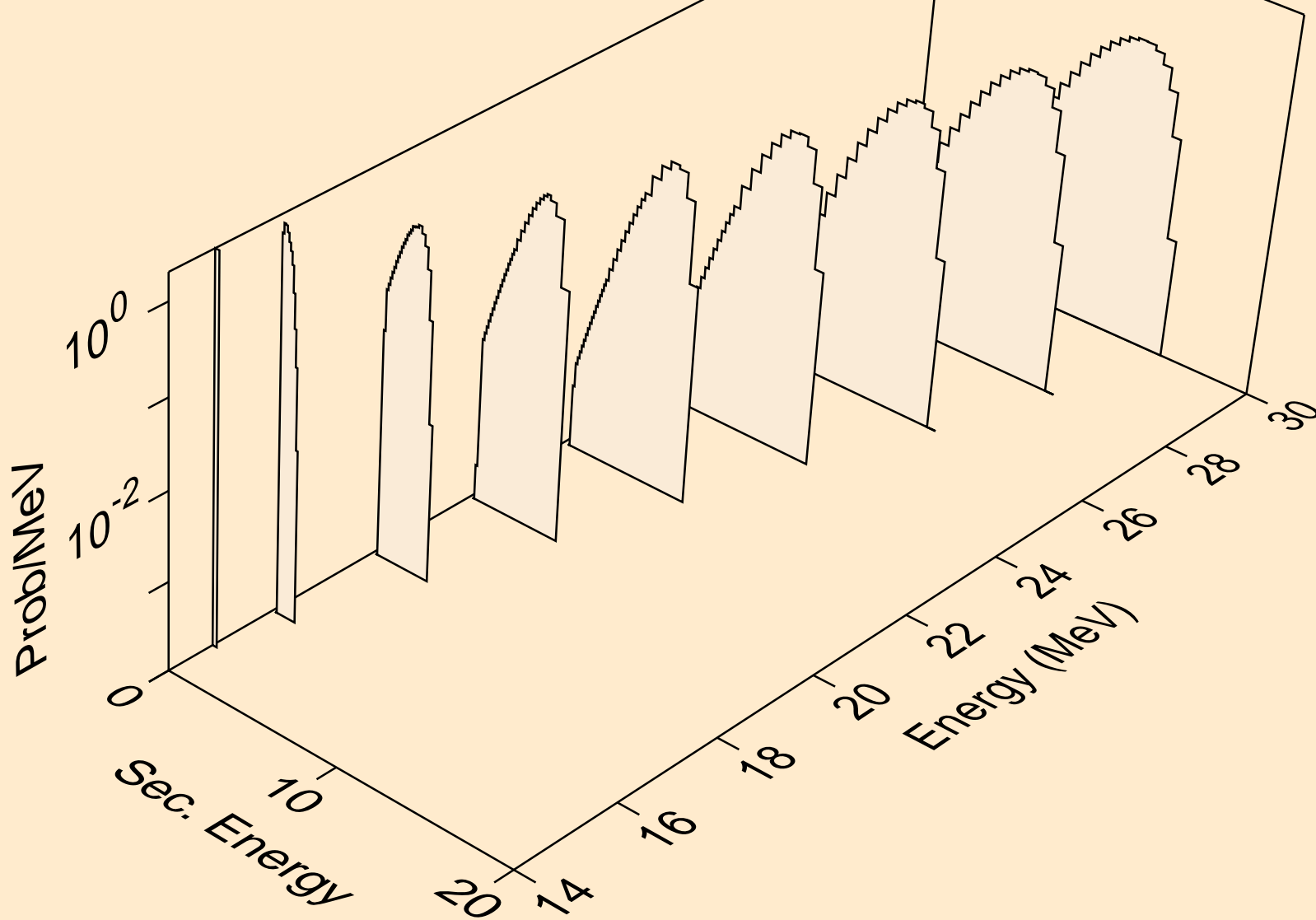
OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pt)



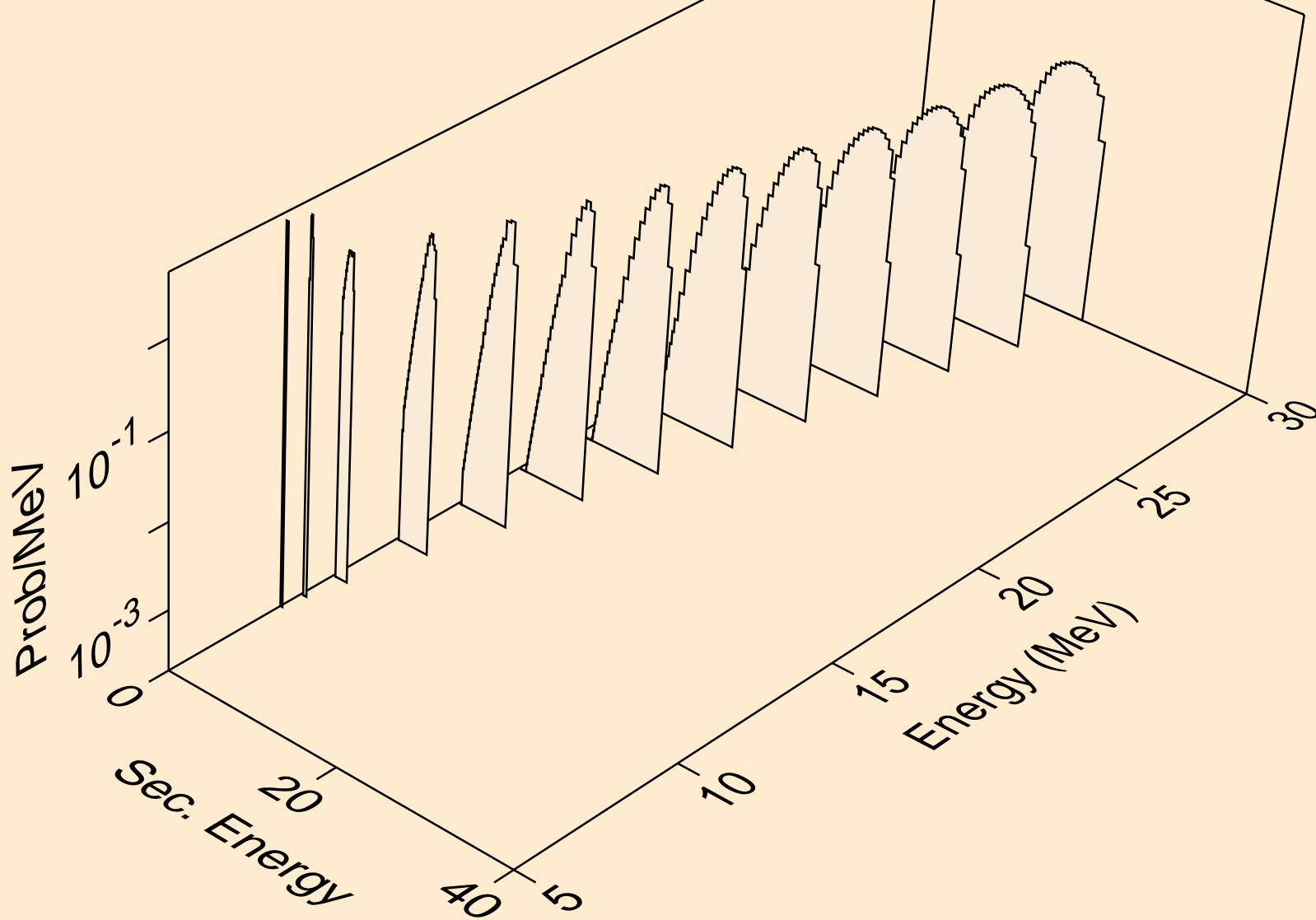
OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,x)



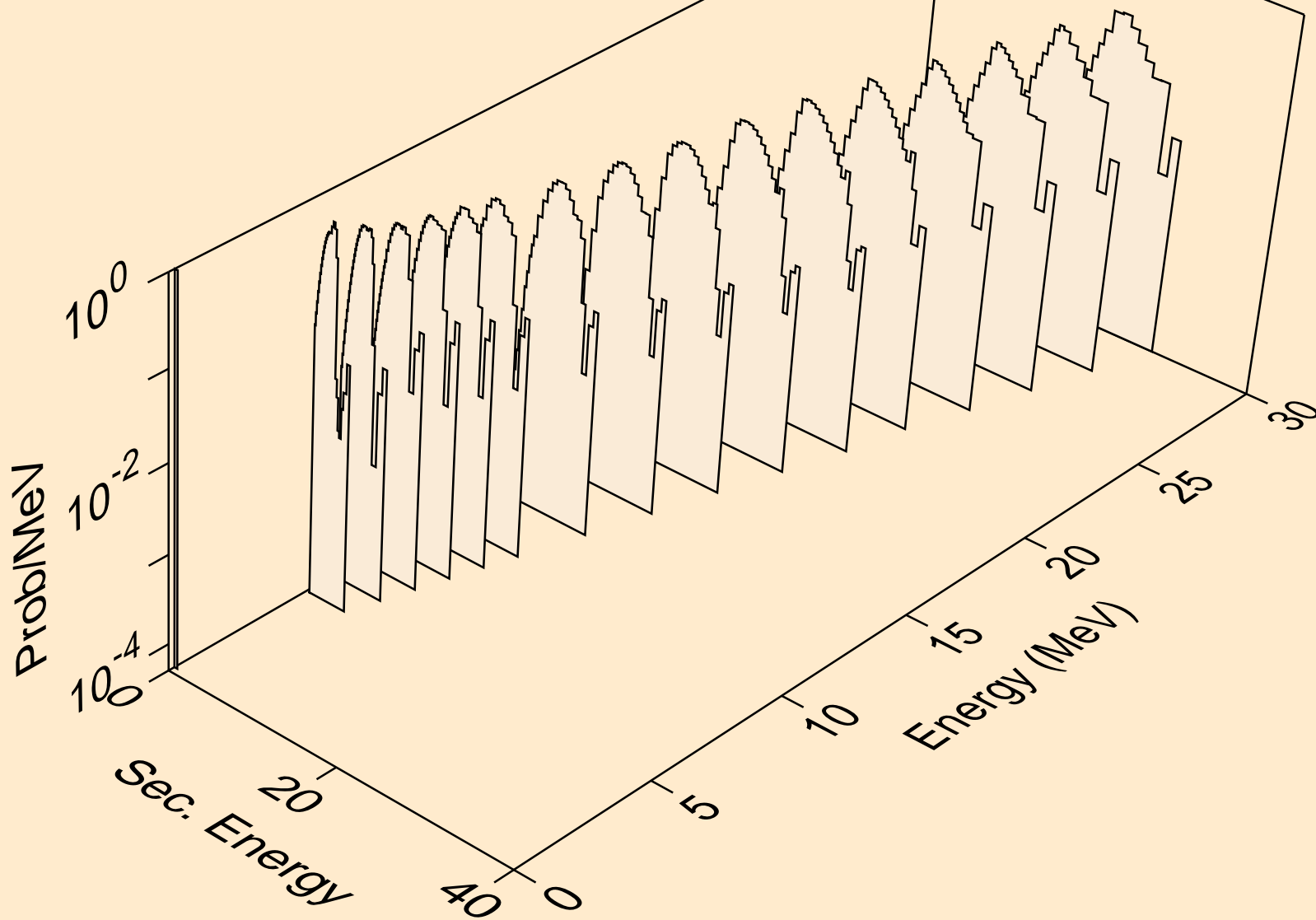
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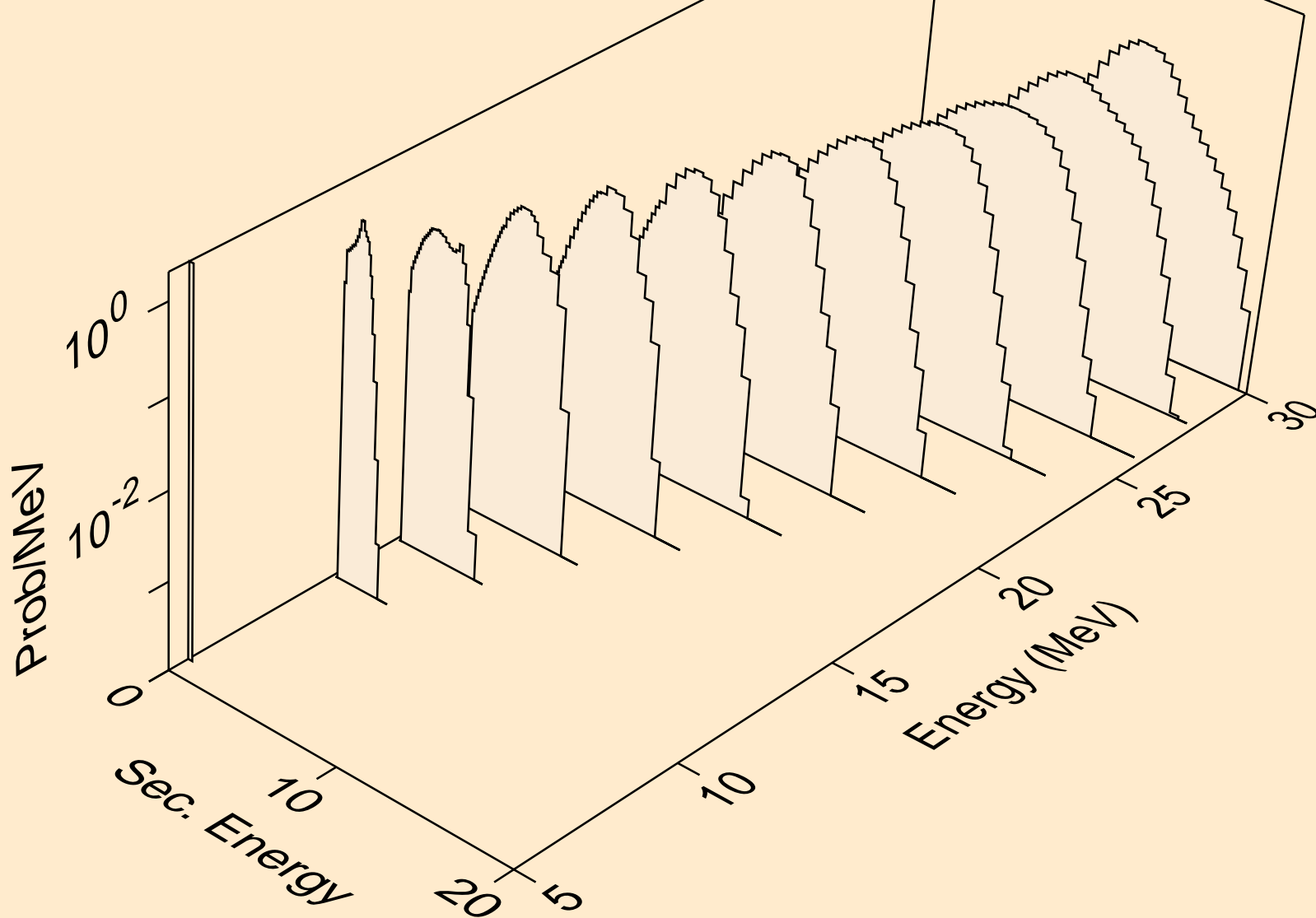
OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,n\*)d



OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,d)

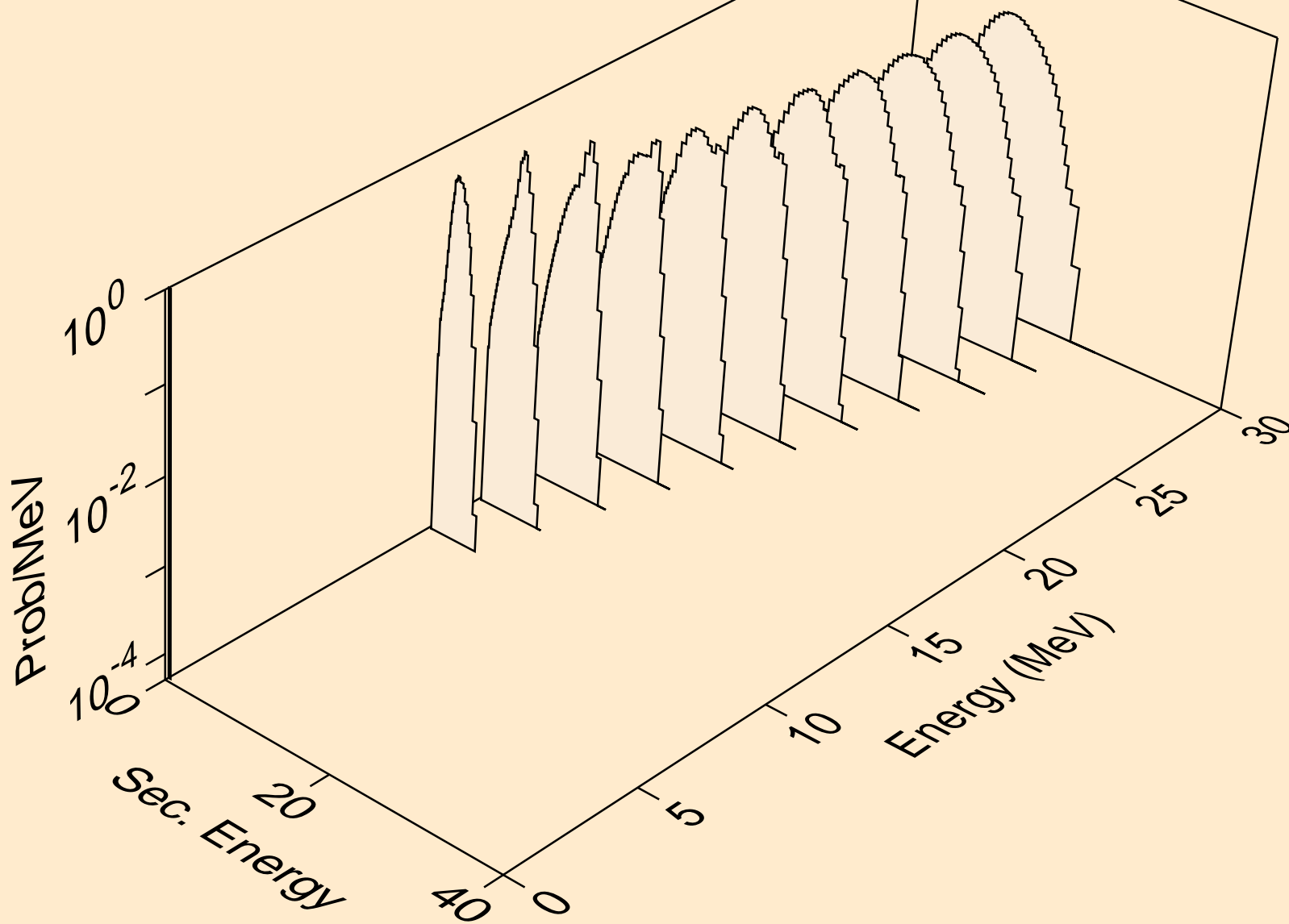


OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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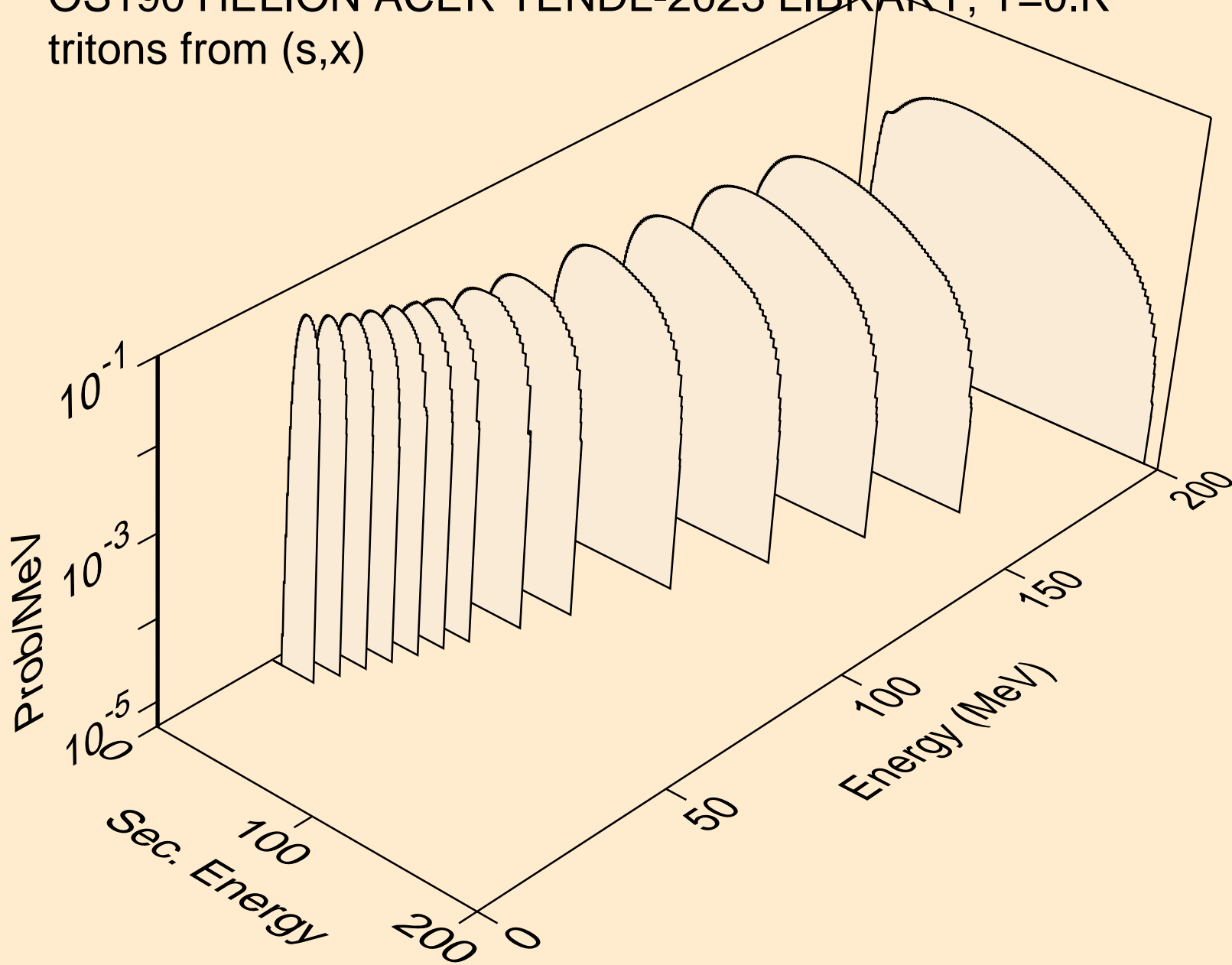




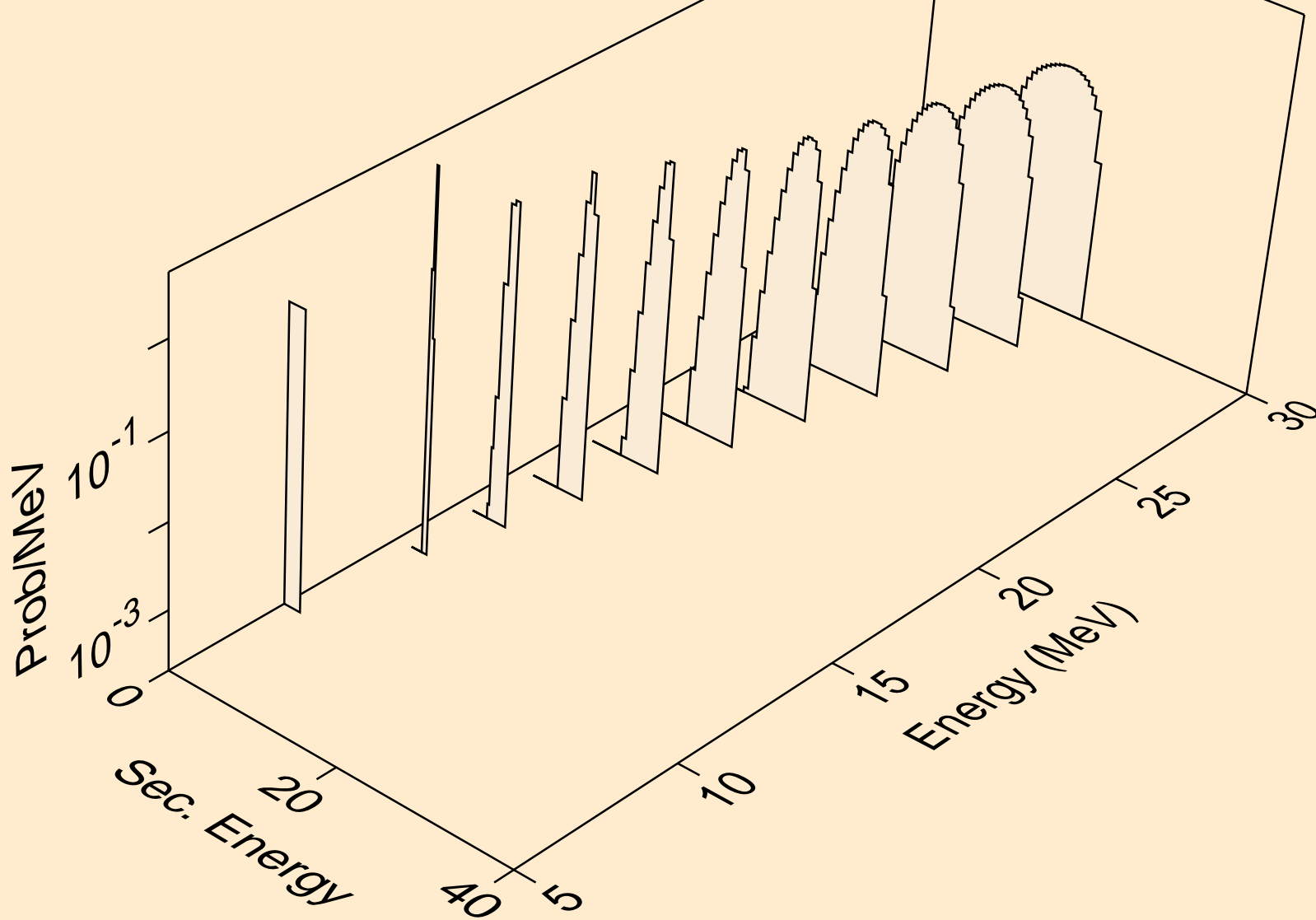
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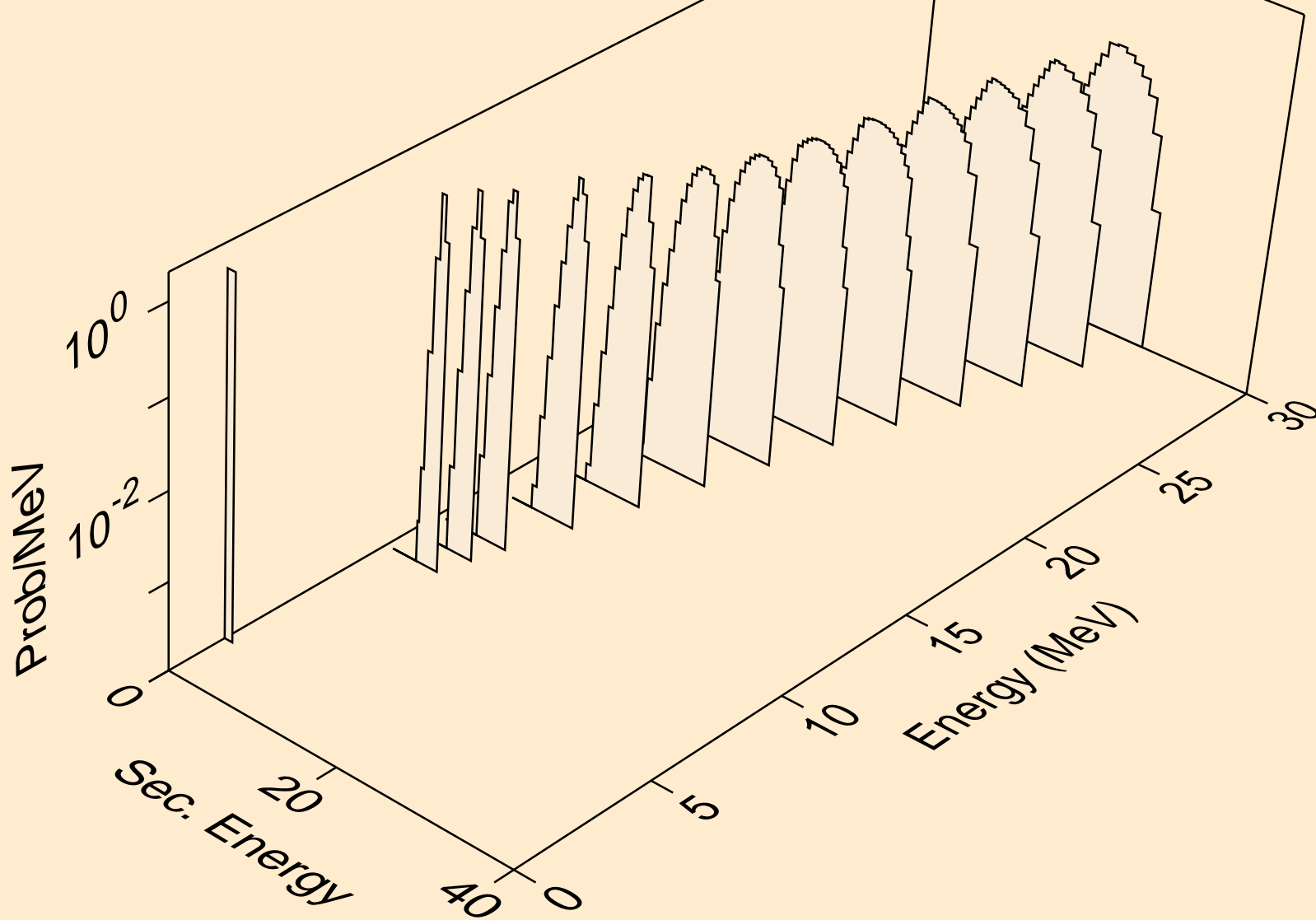
OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,x)



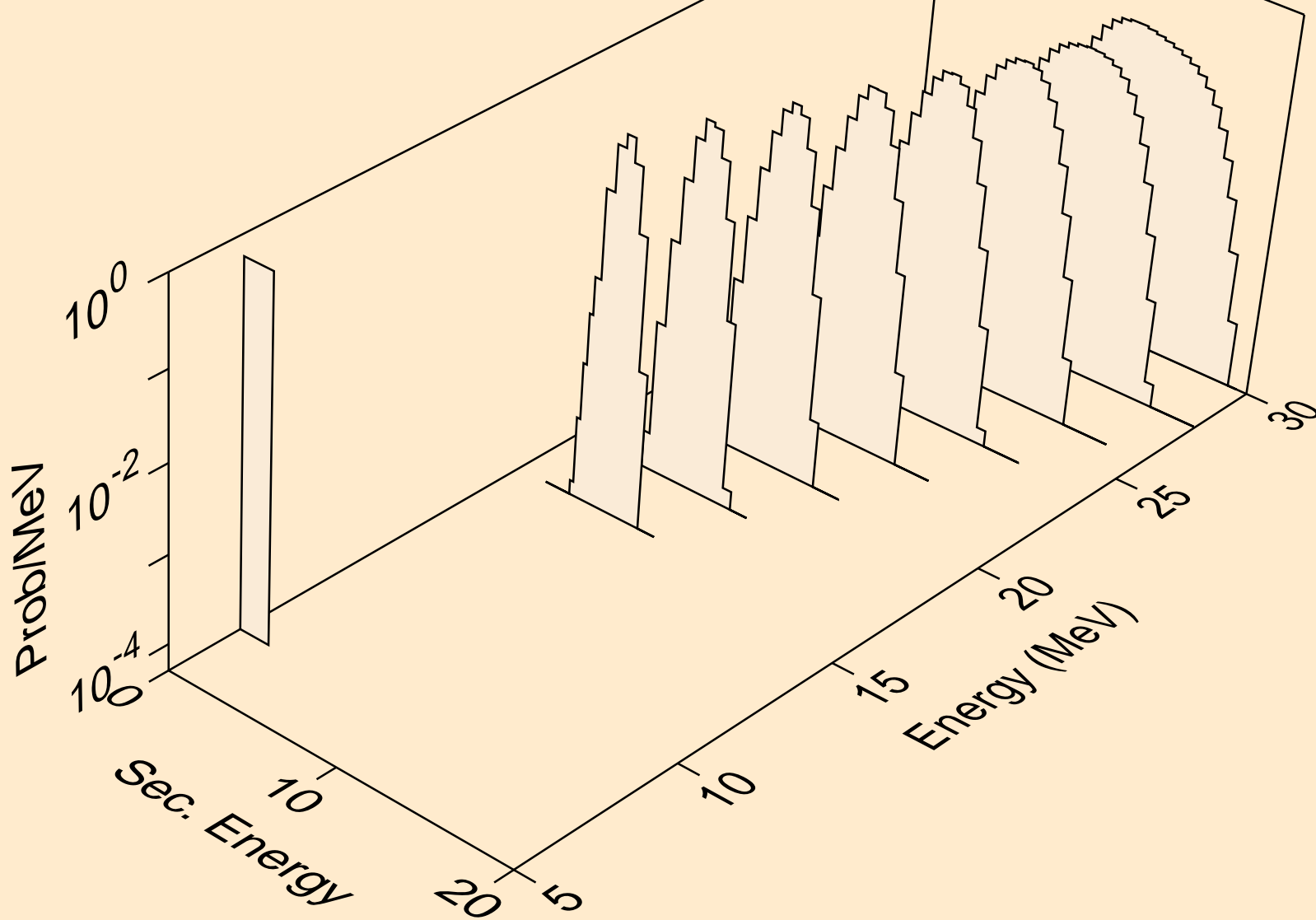
OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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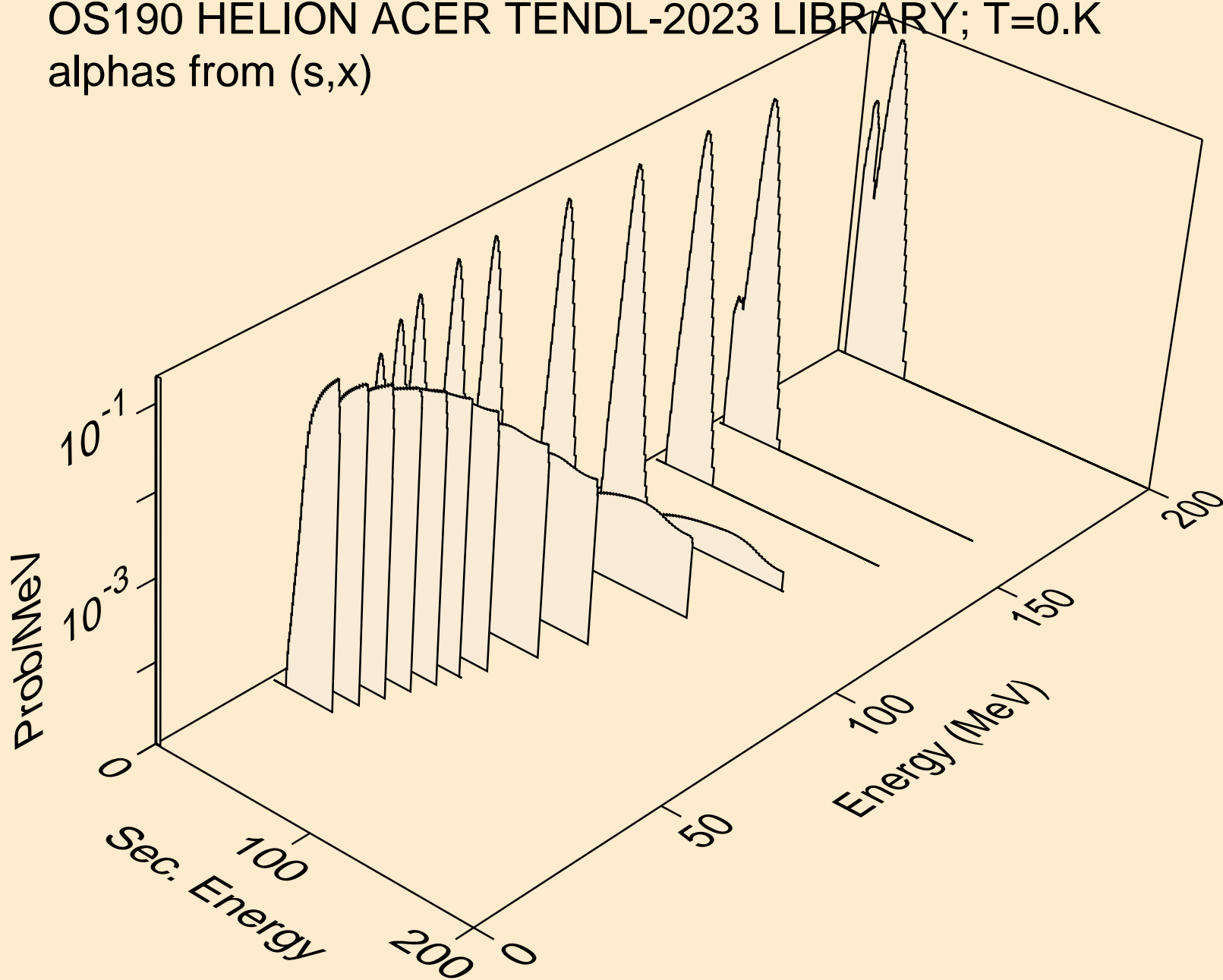
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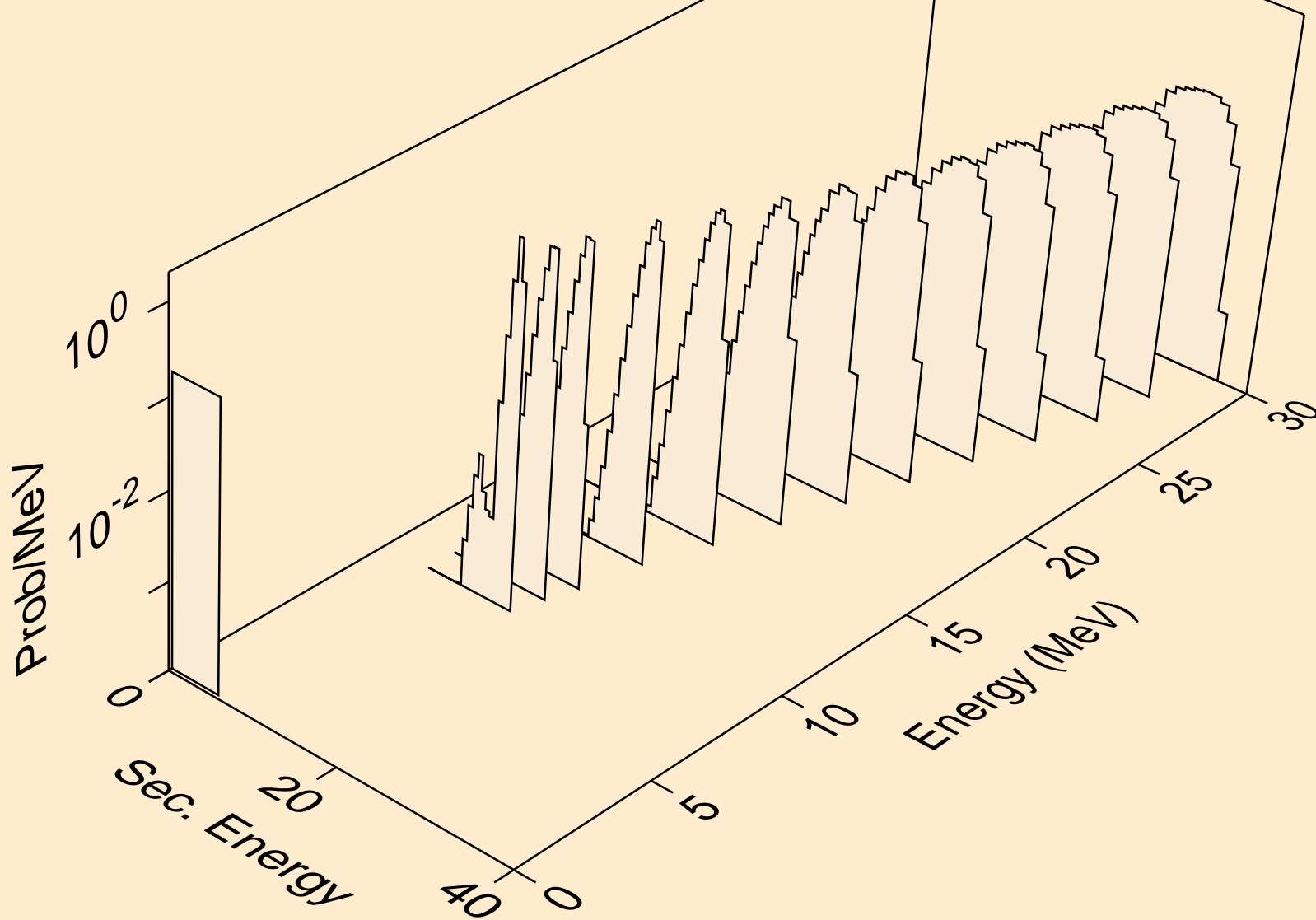
OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,pt)



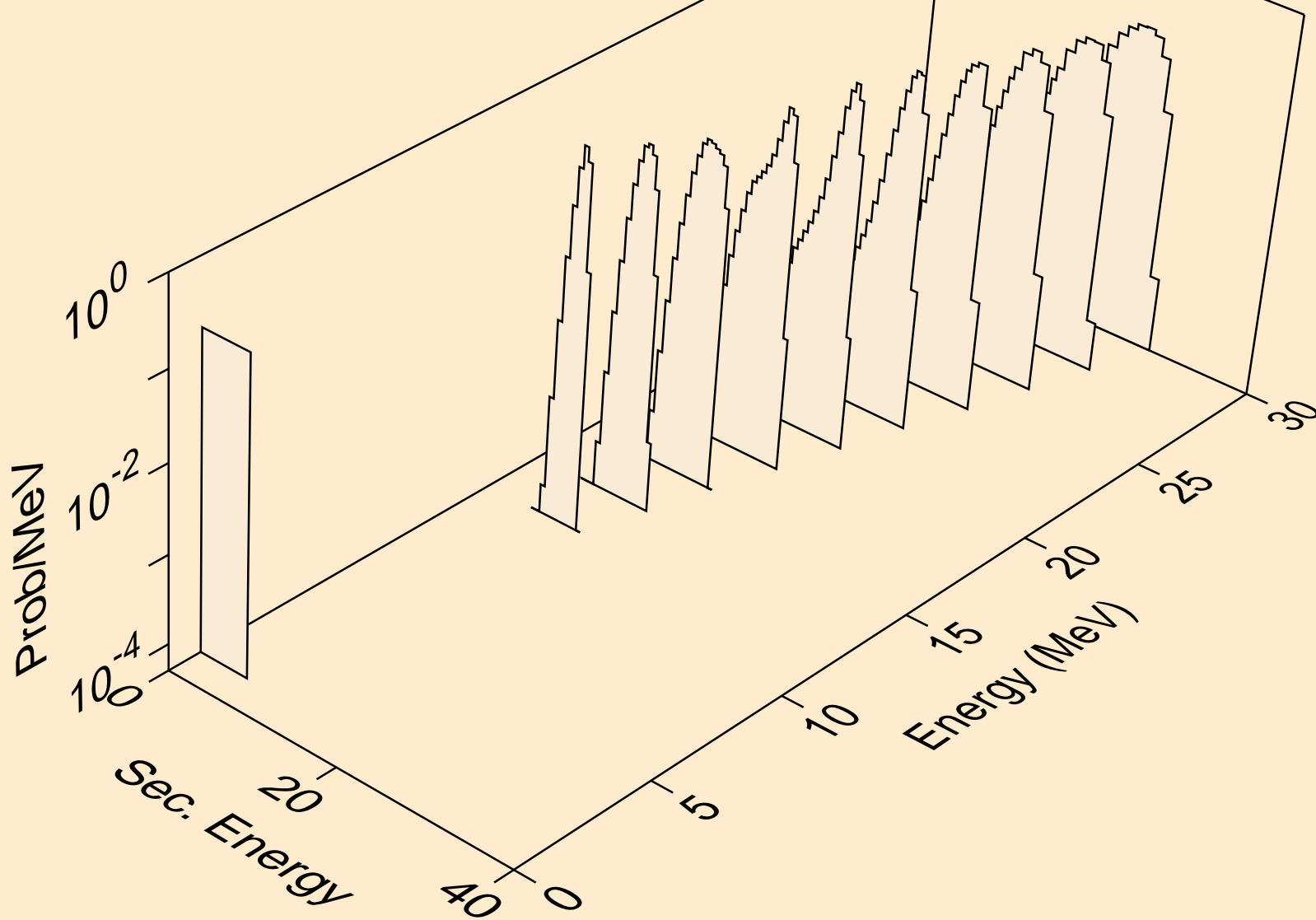
OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,x)



OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)a

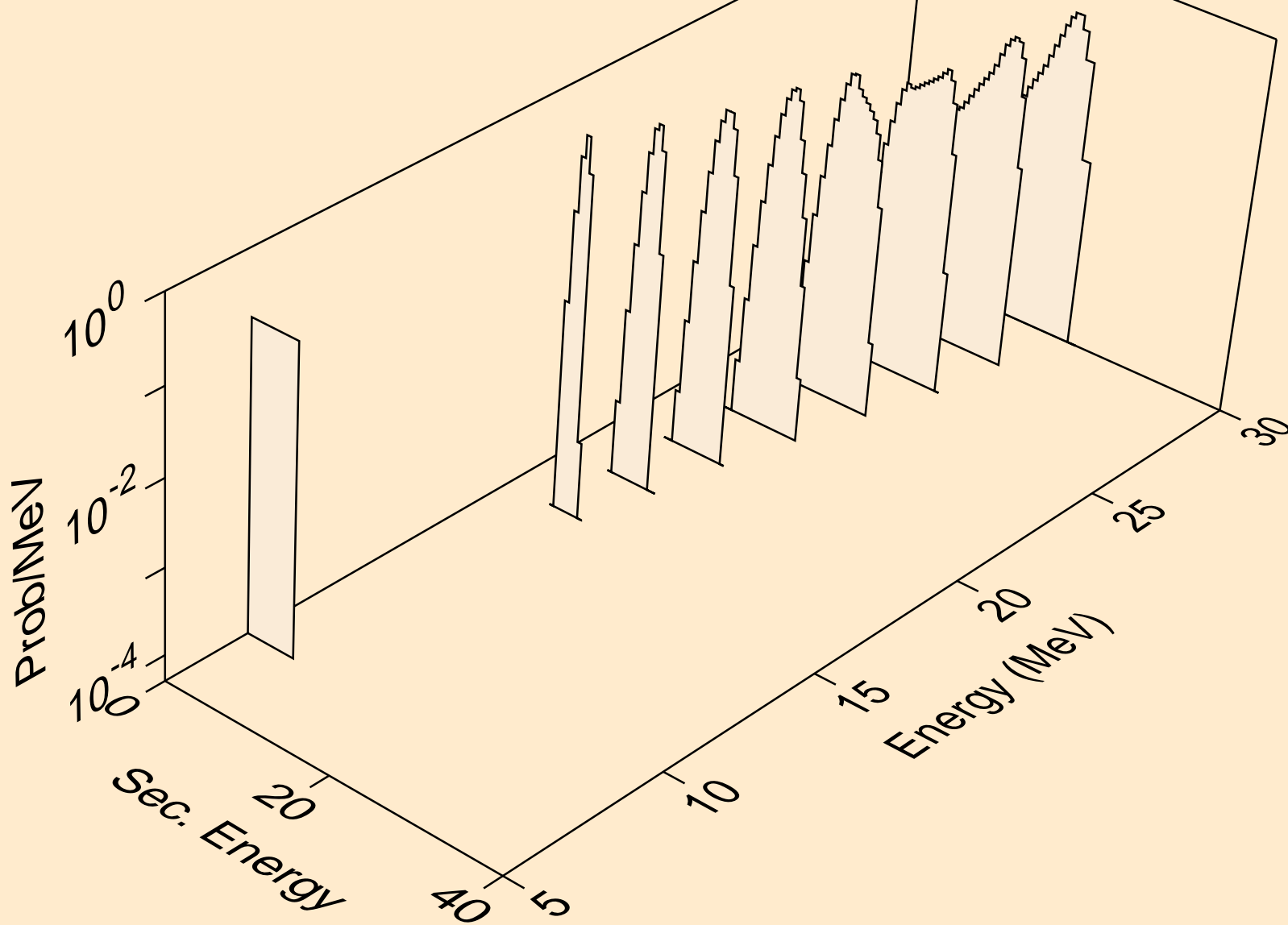


OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2n)a

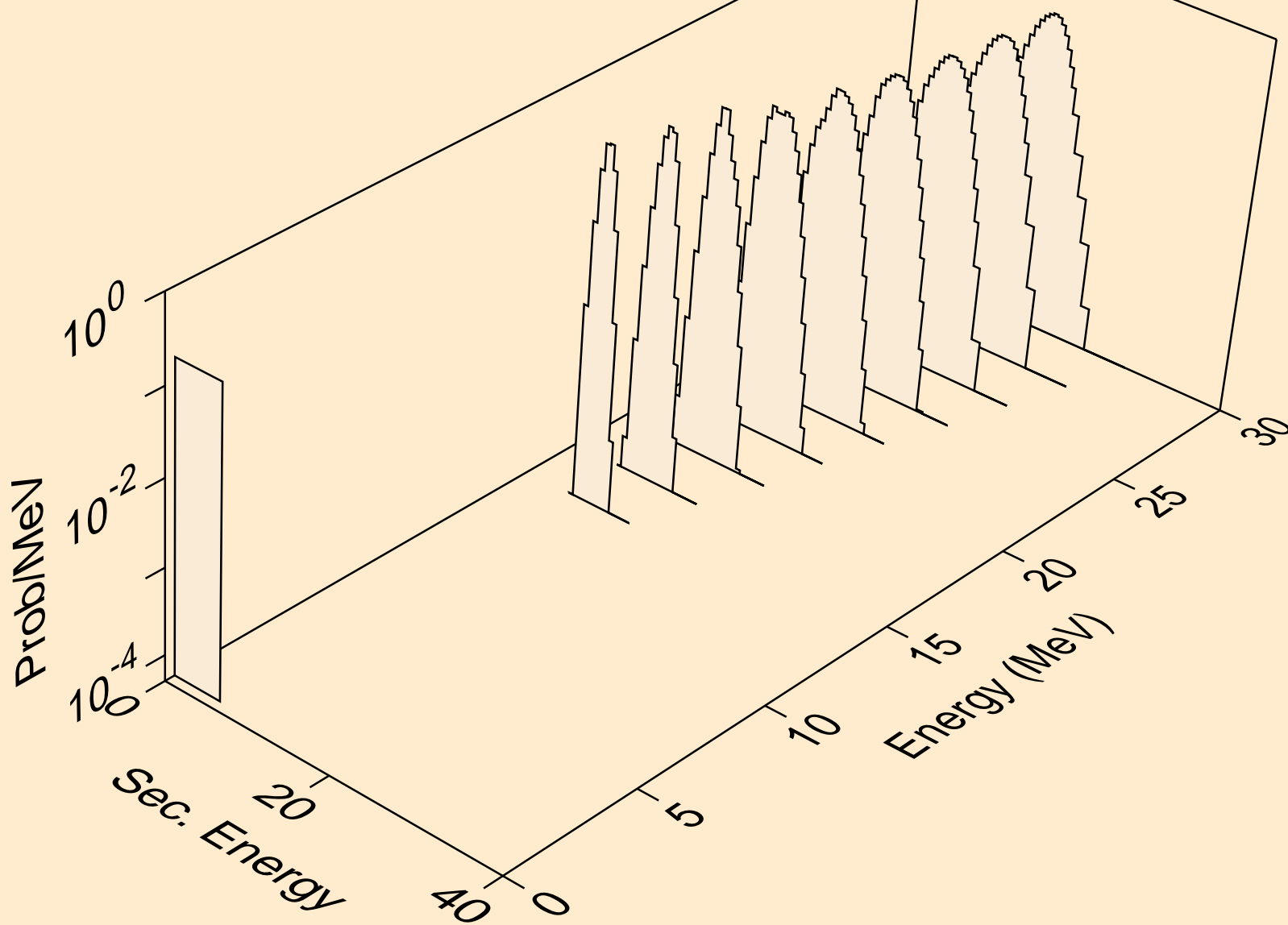




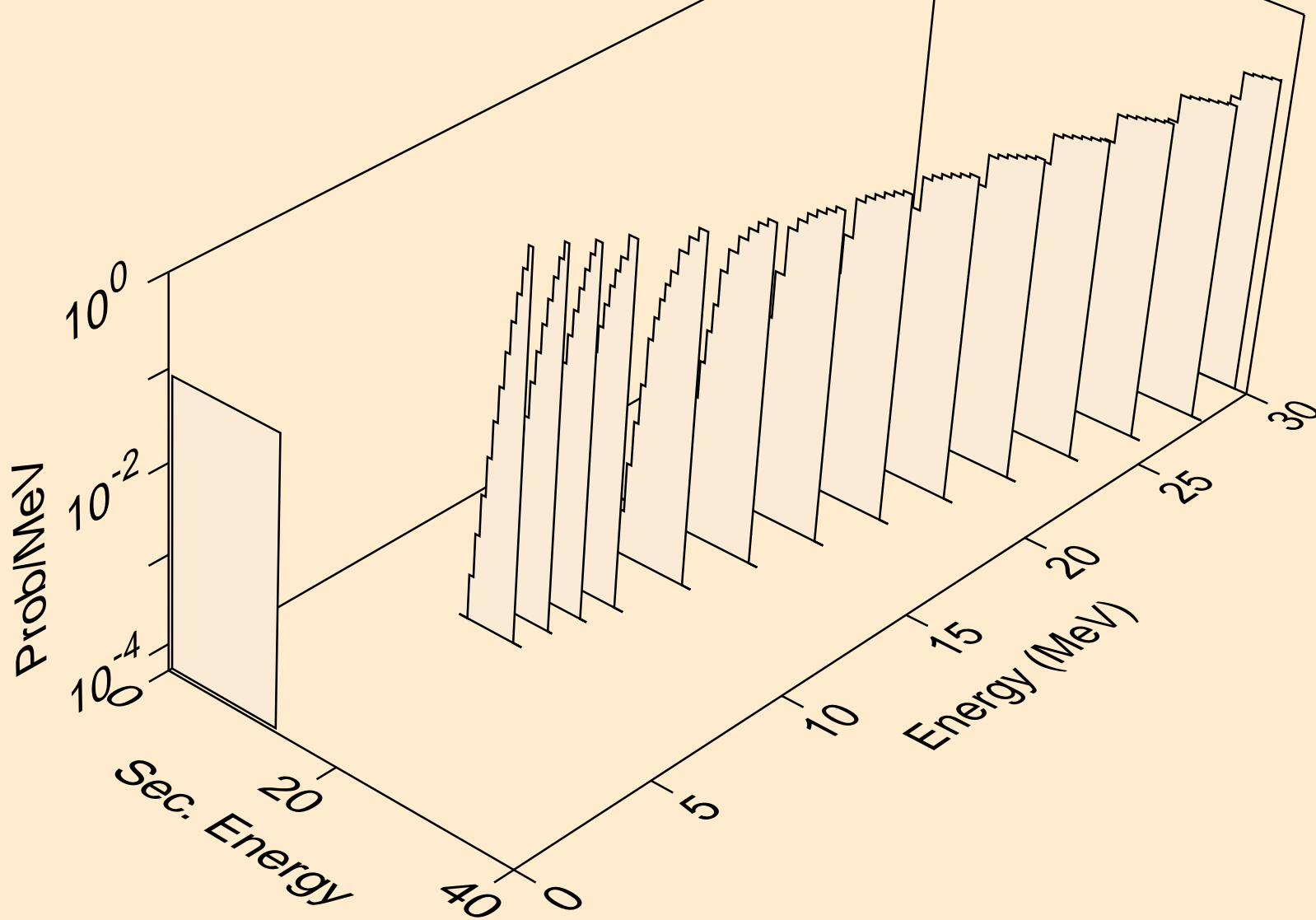
OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,3n)a



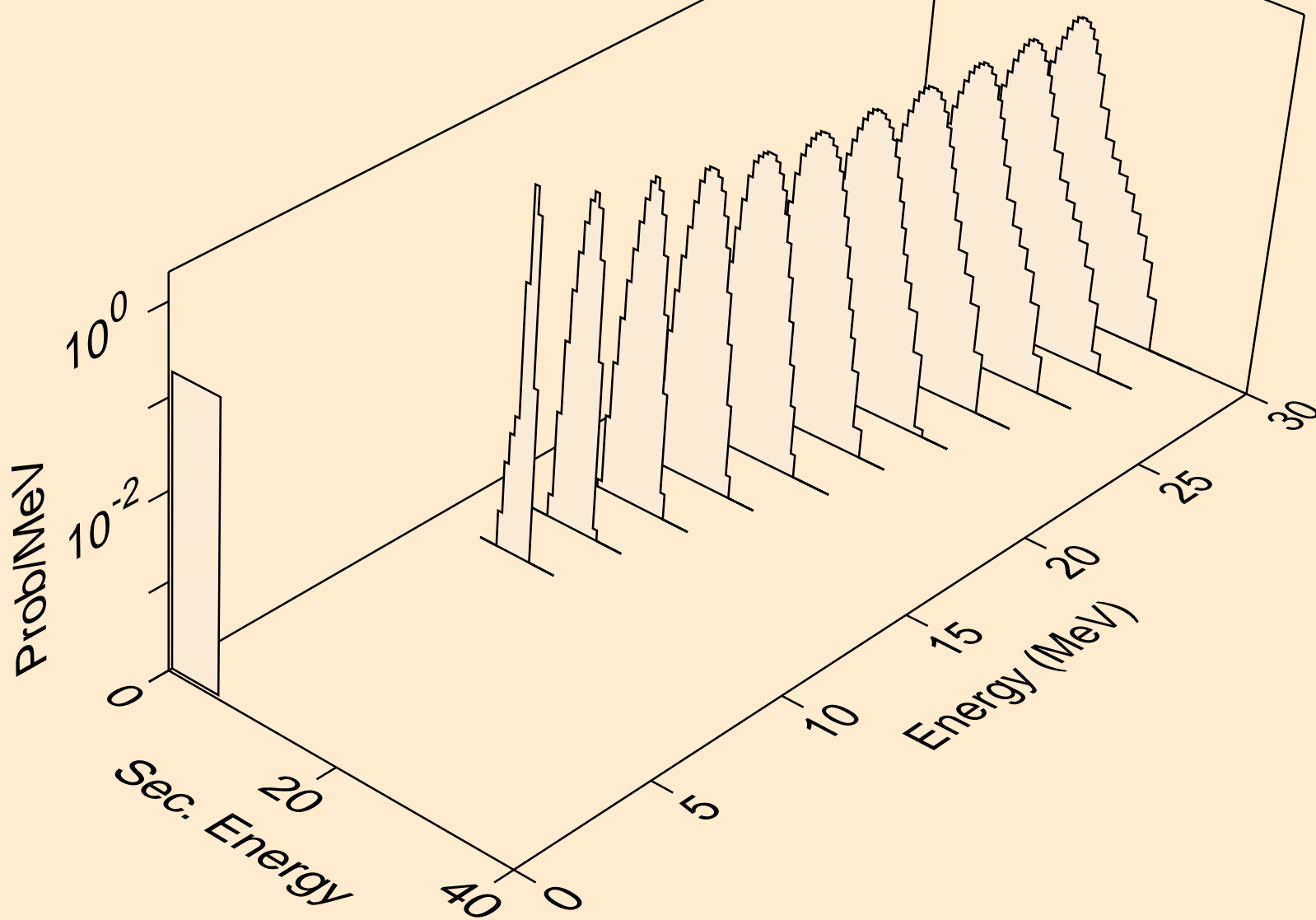
OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,npa)



OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,a)



OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,pa)



OS190 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,da)

