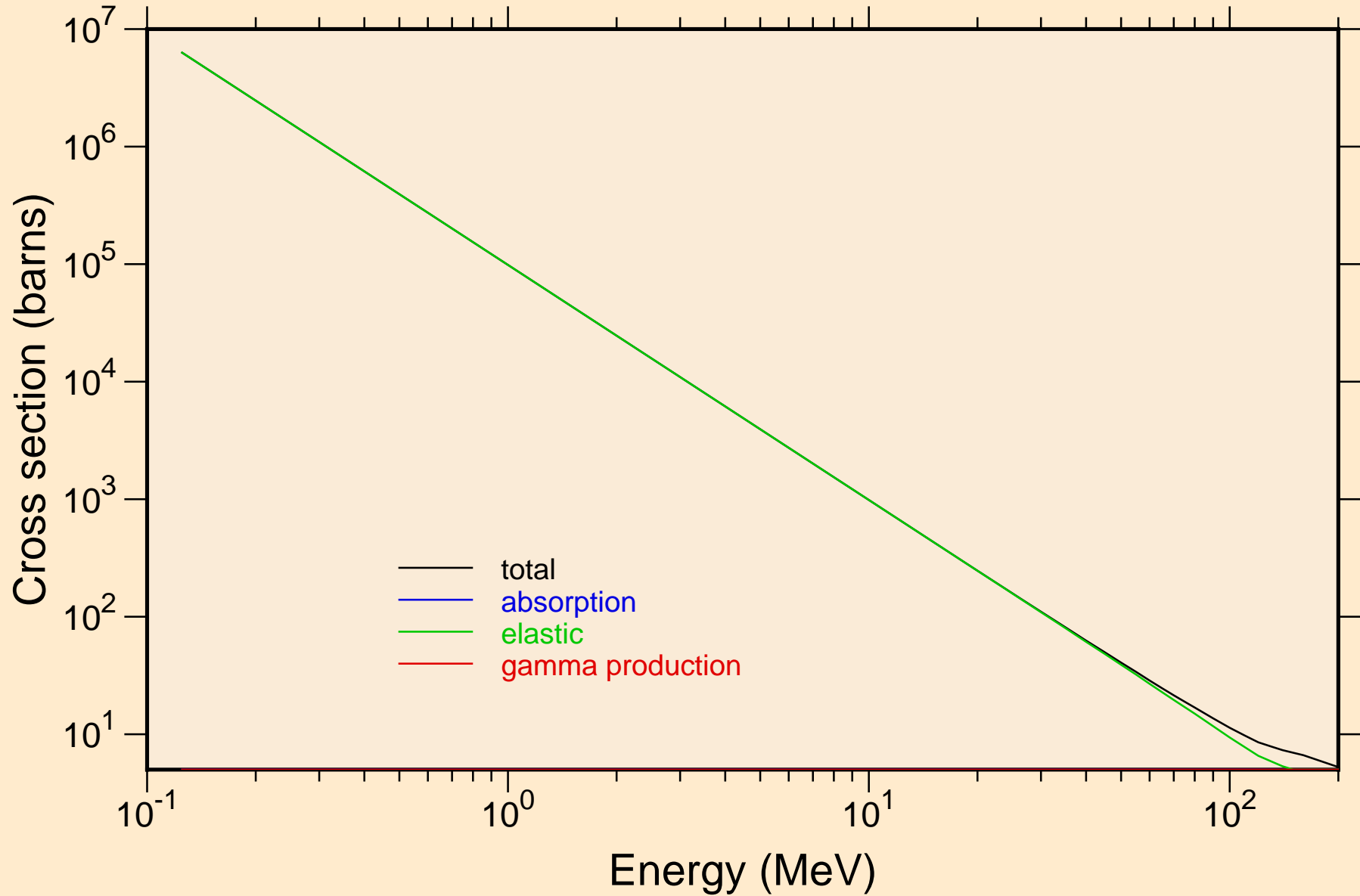


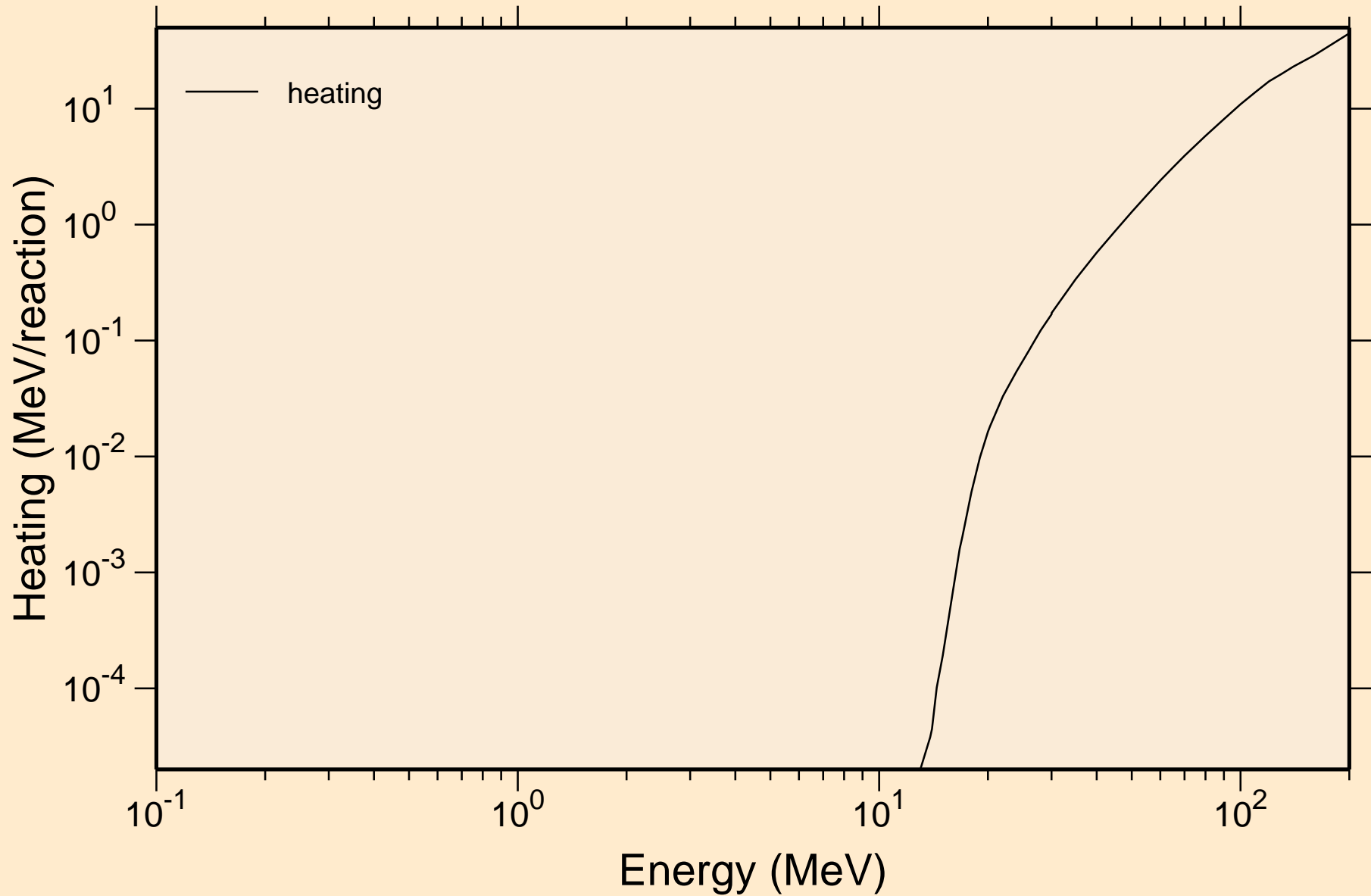
# SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



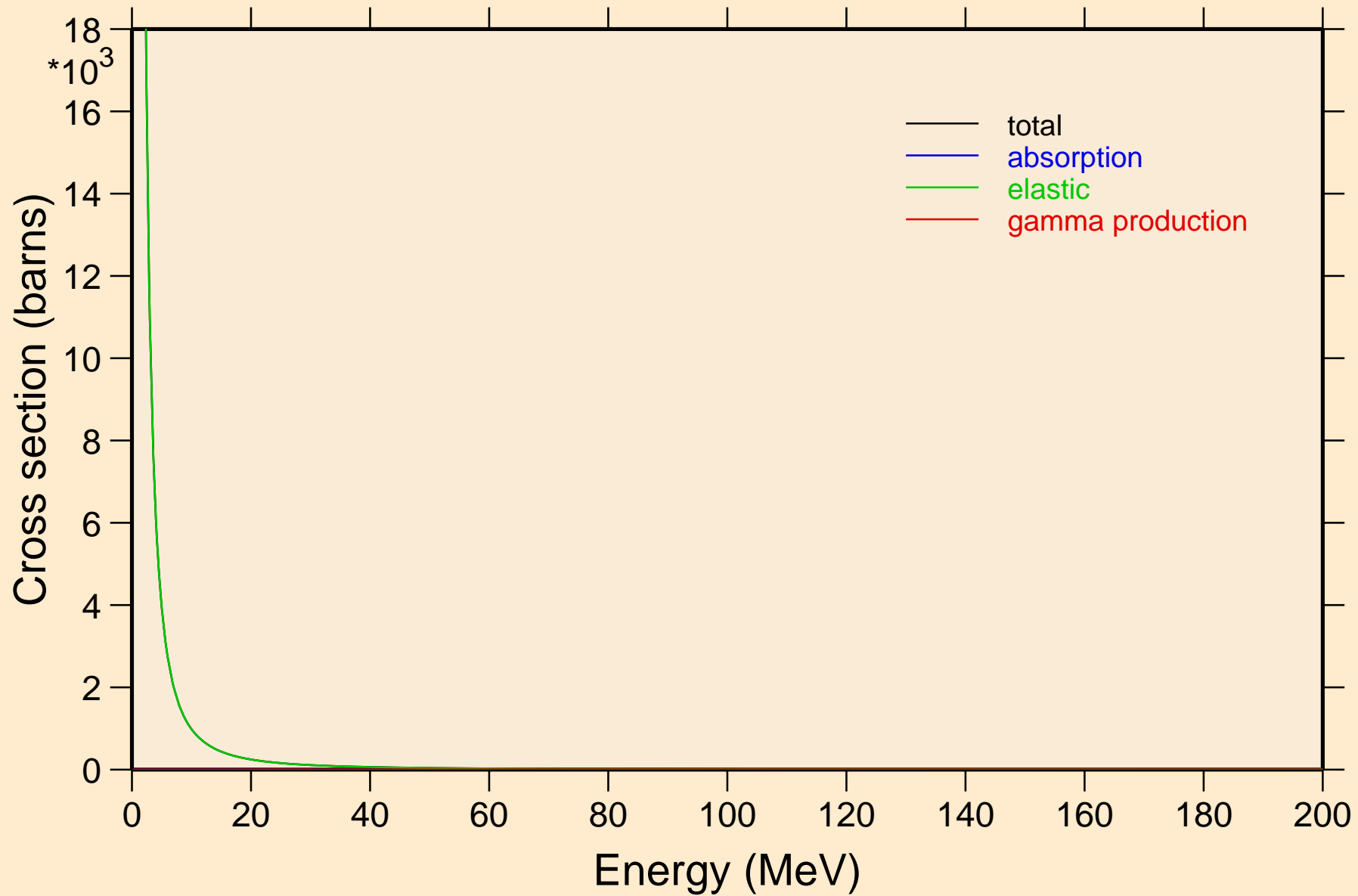
# SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Heating



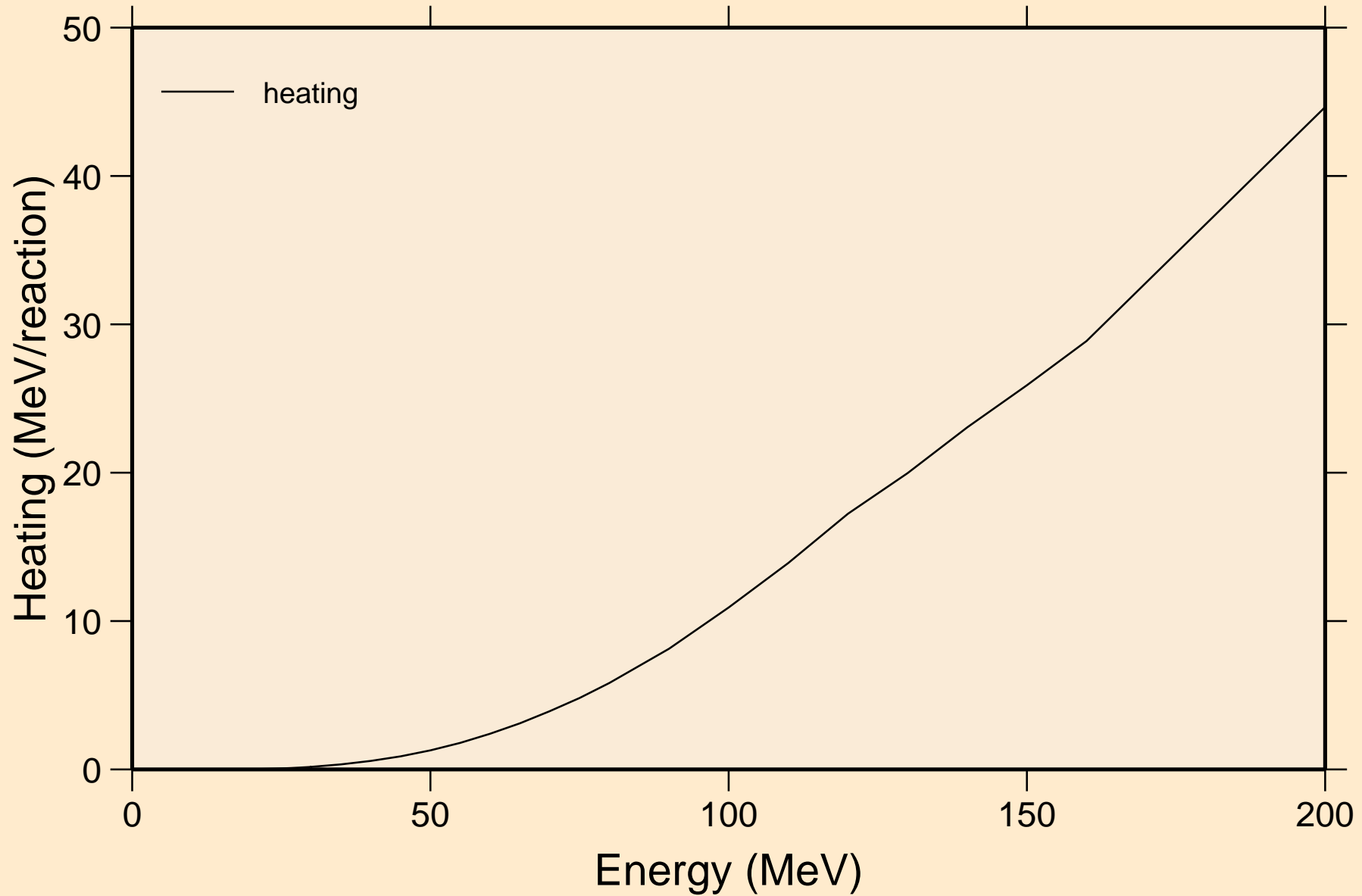
# SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



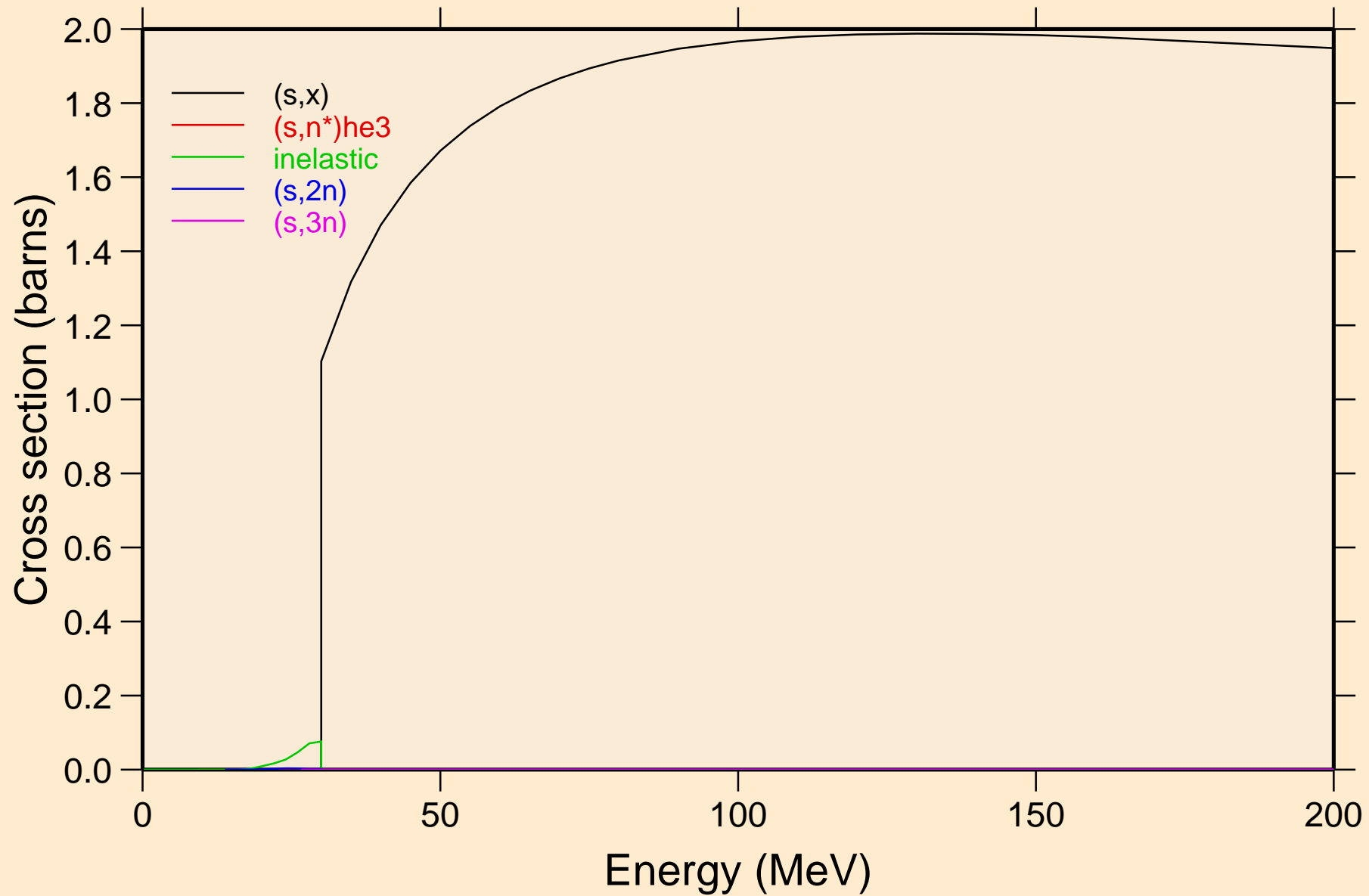
# SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Heating



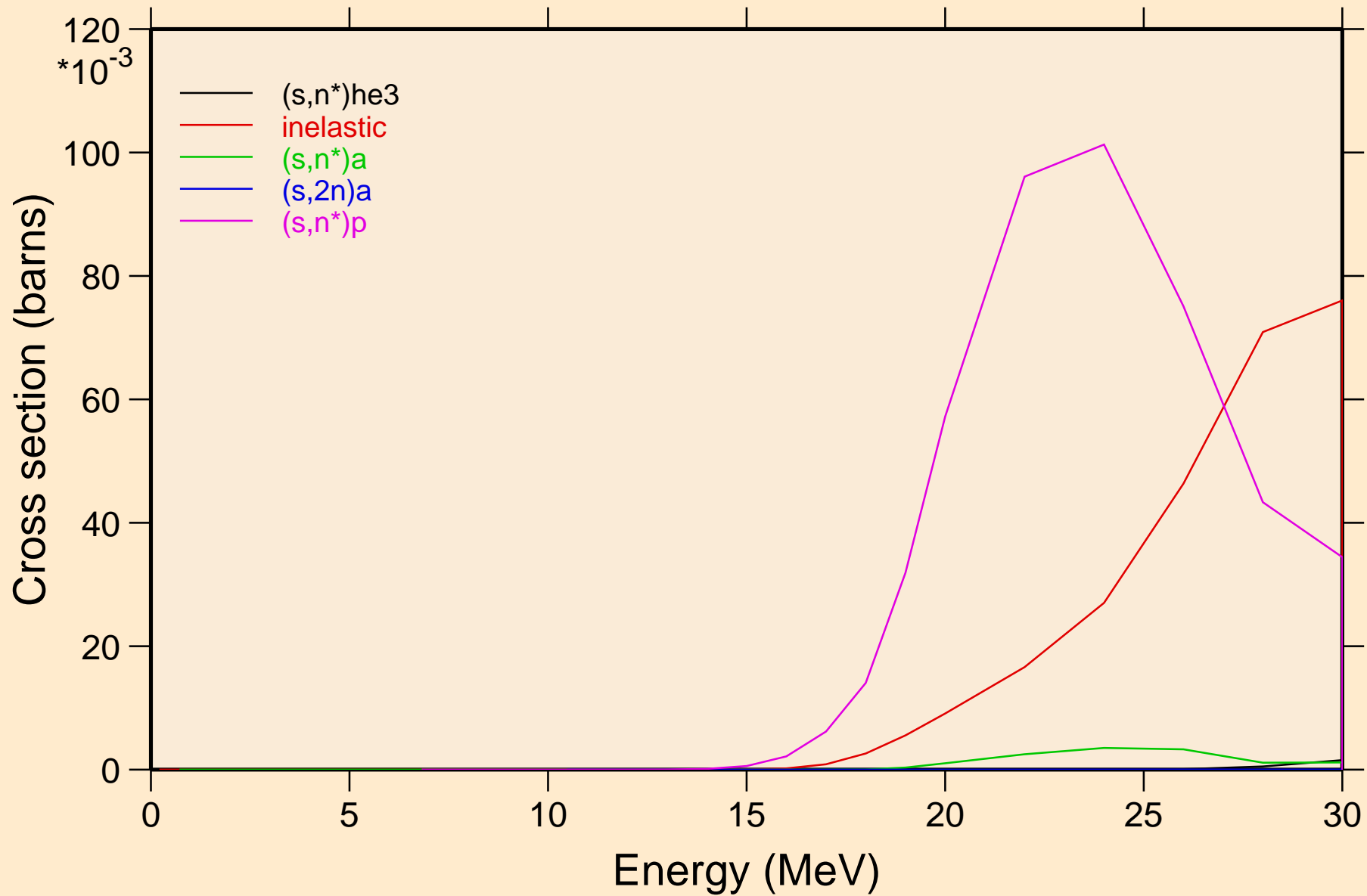
# SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

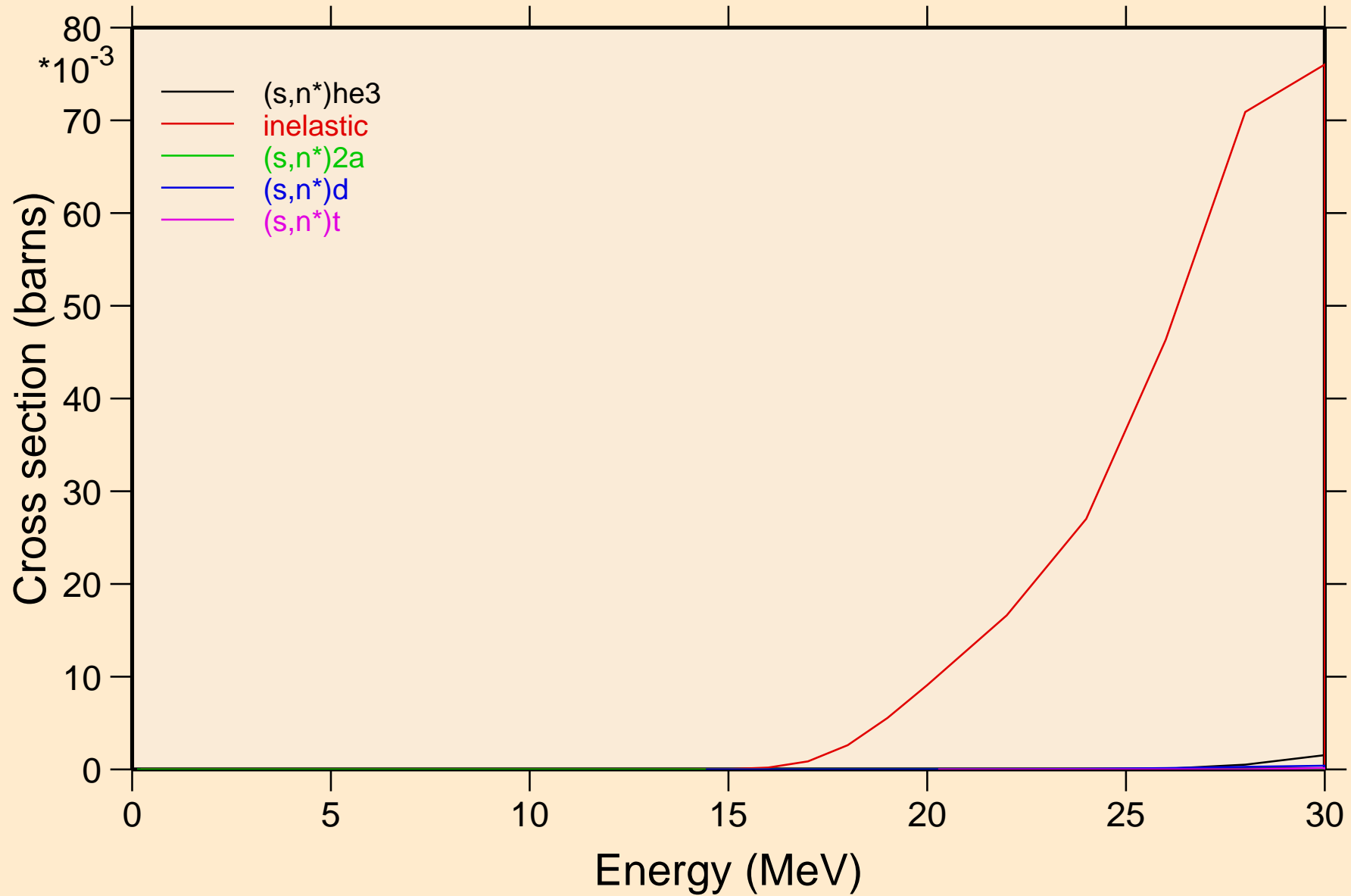


# SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K

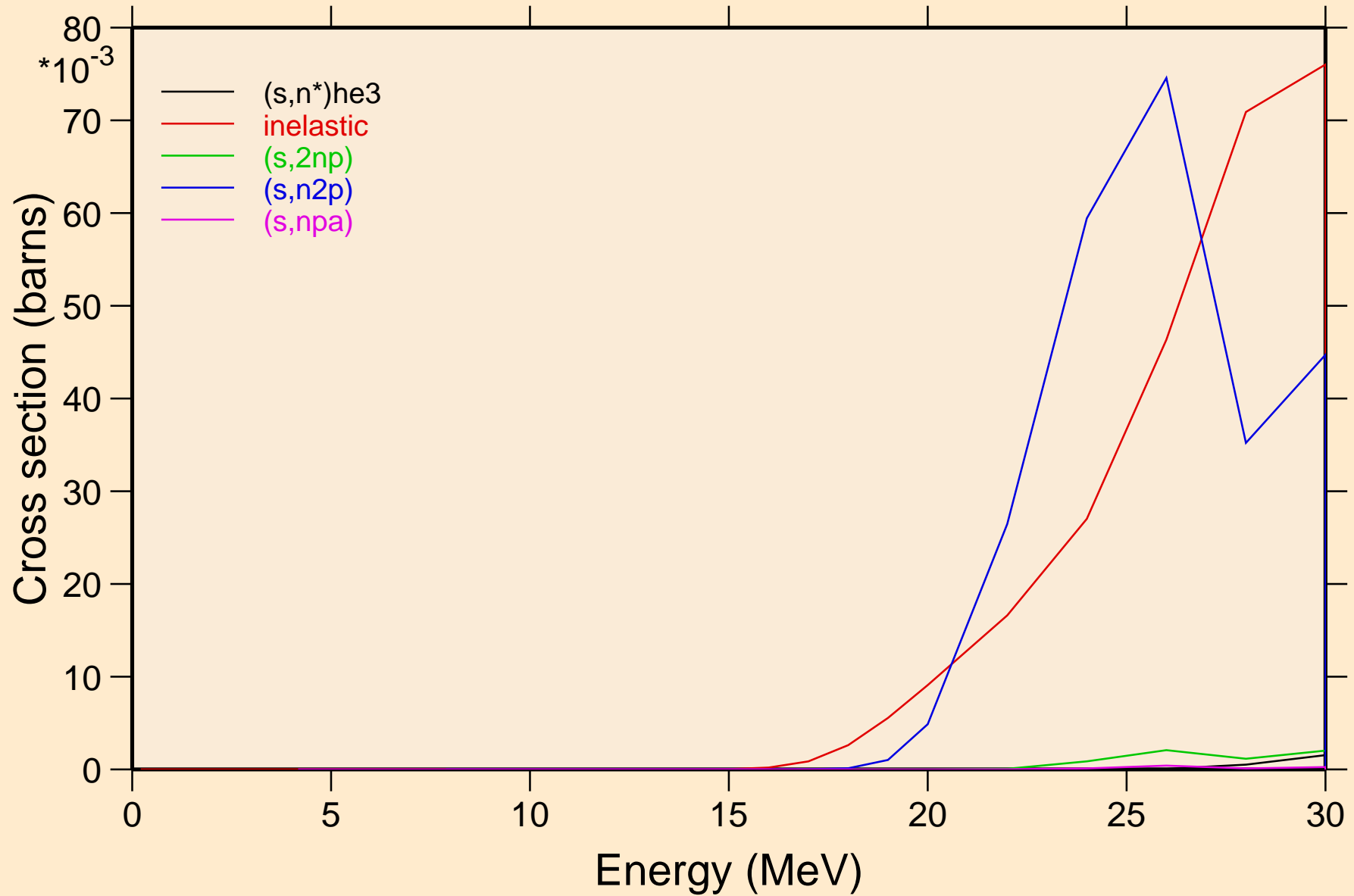
## Threshold reactions



SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



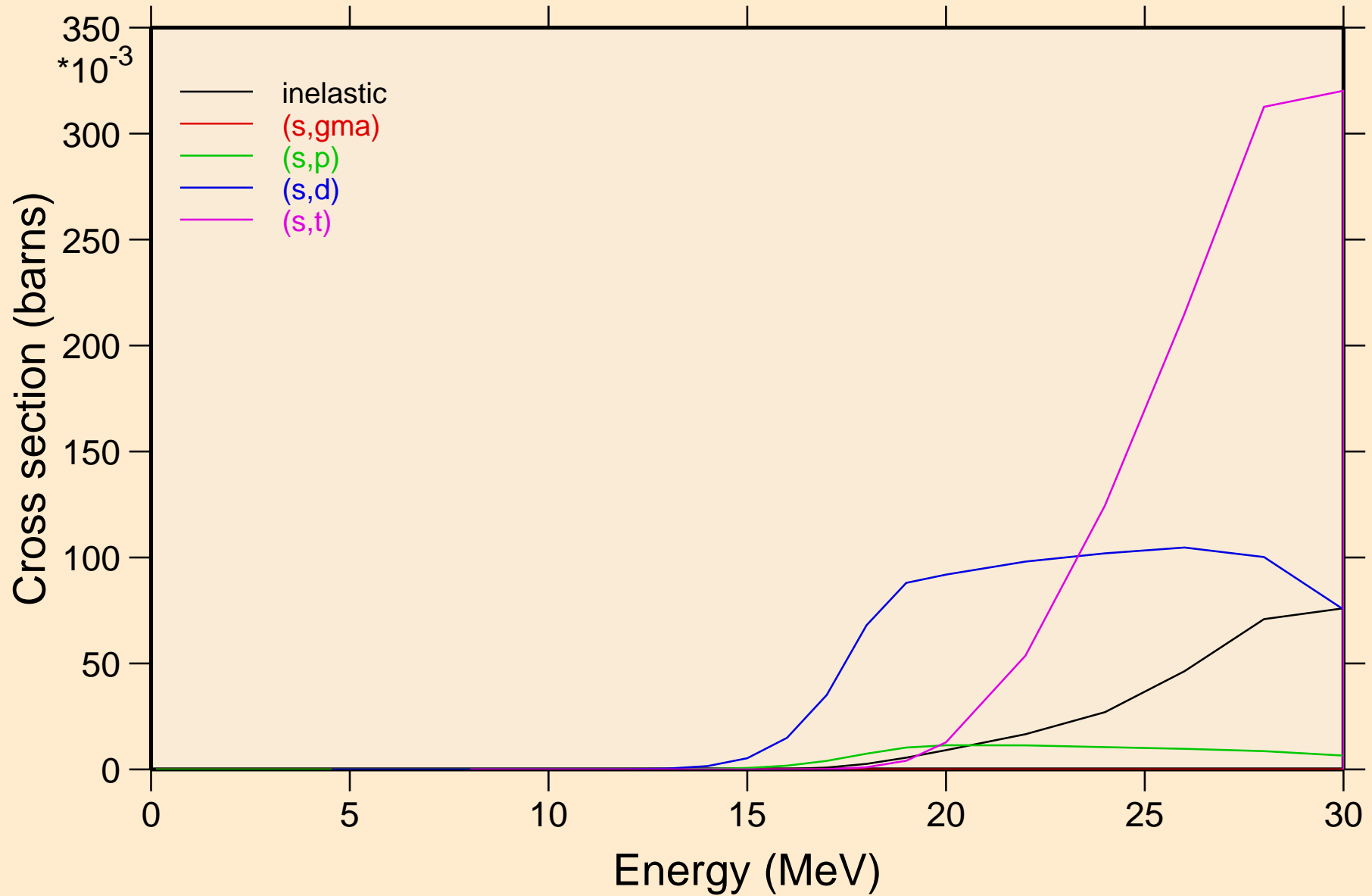
SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions





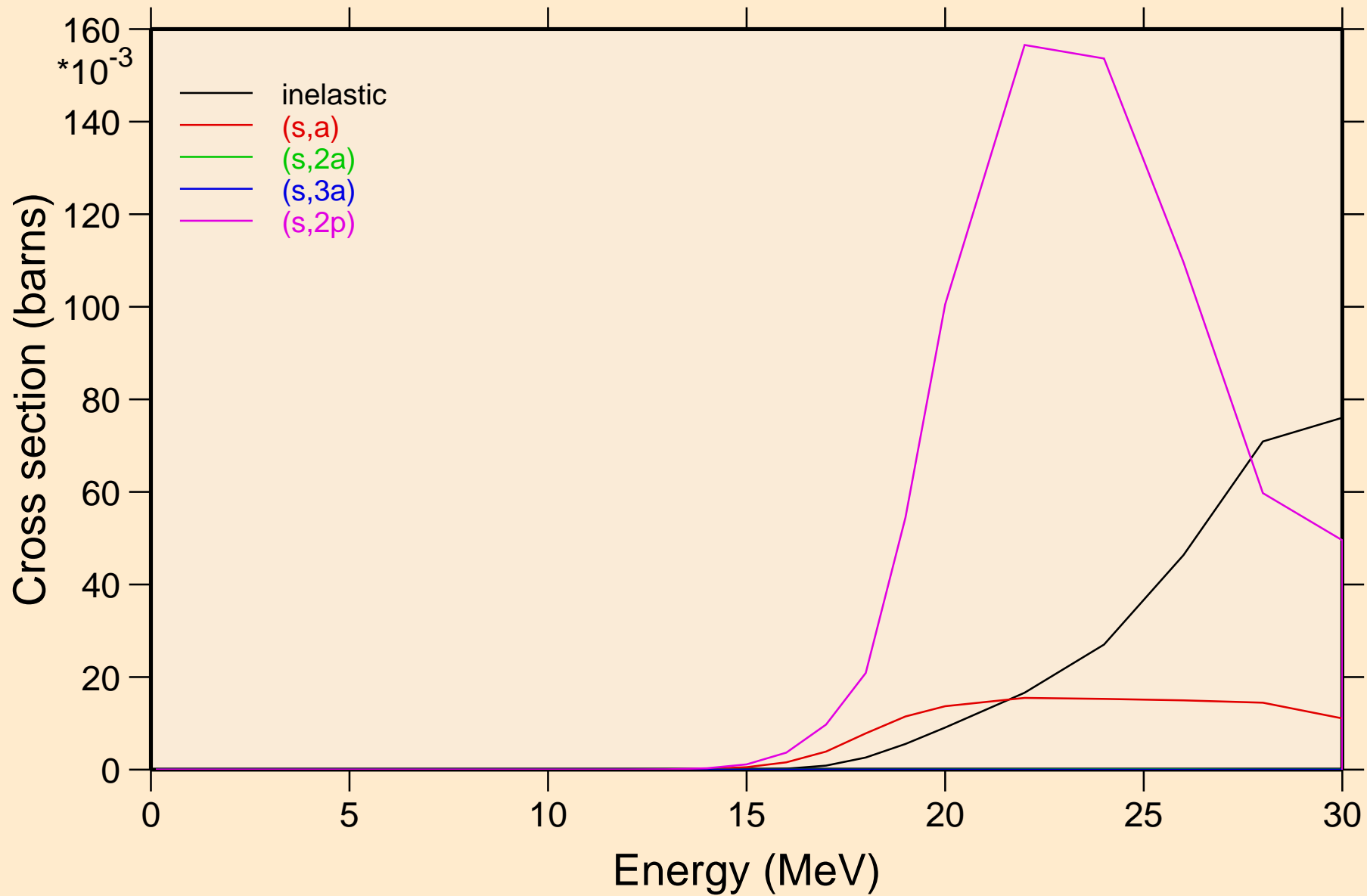
# SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

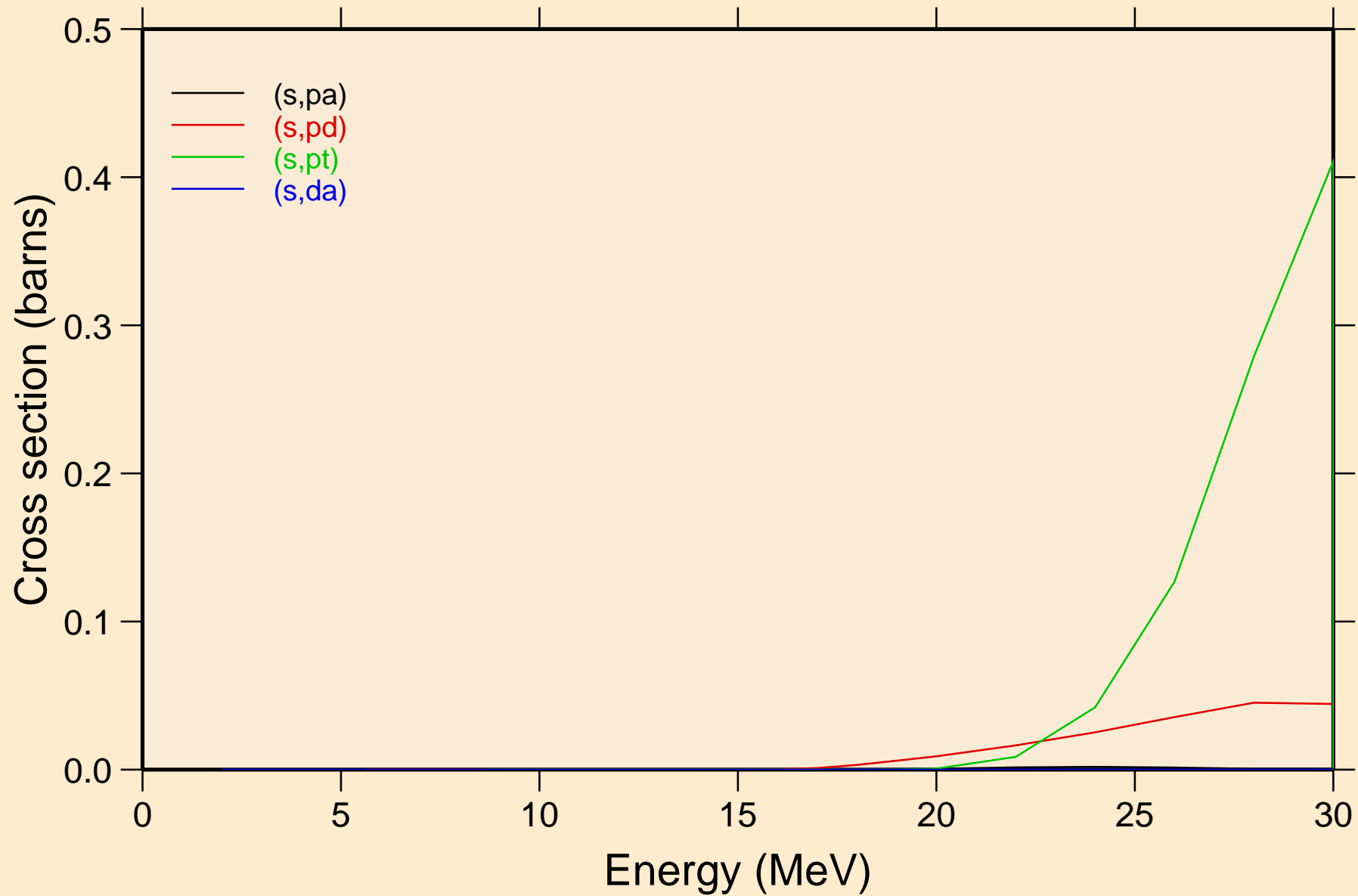


# SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K

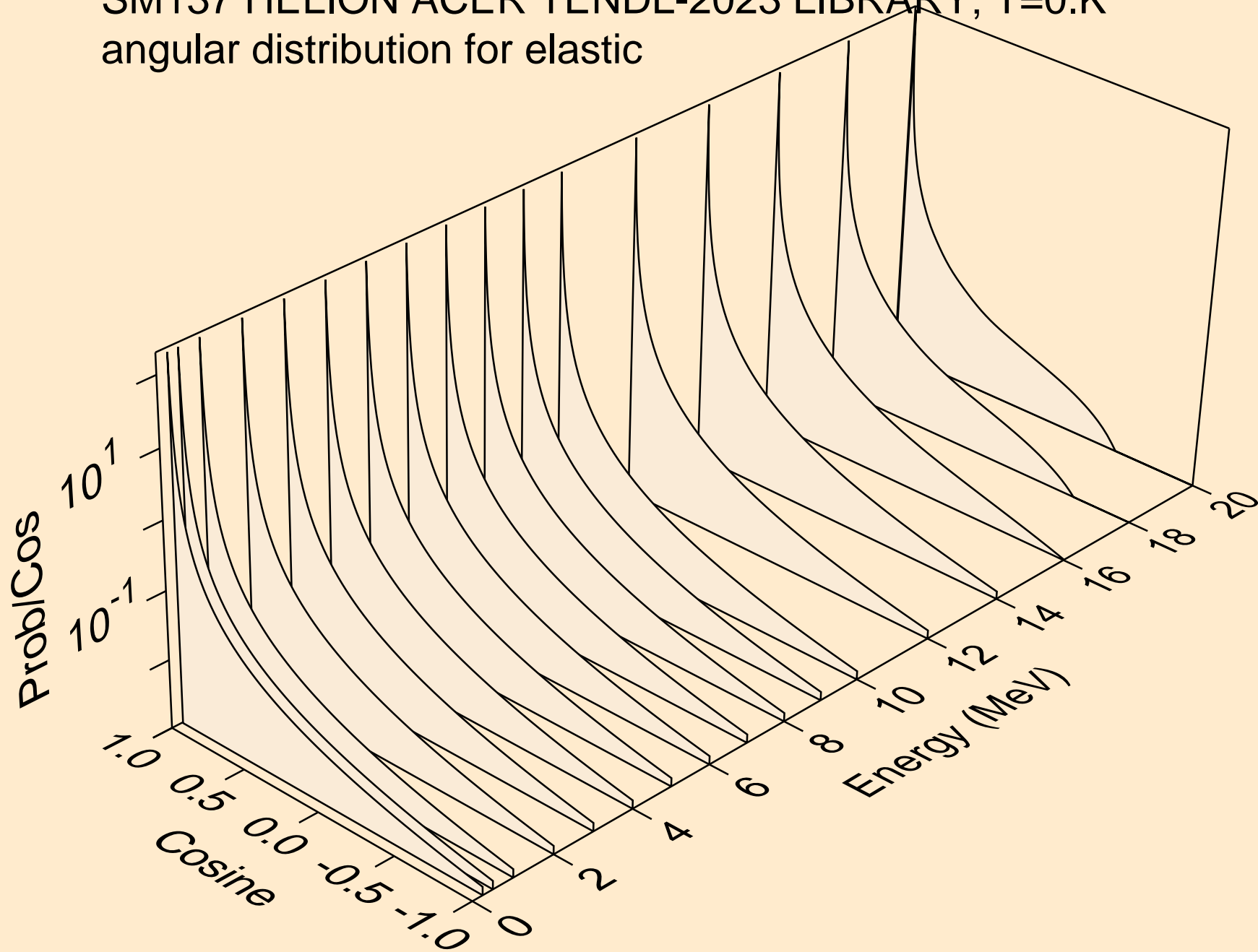
## Threshold reactions



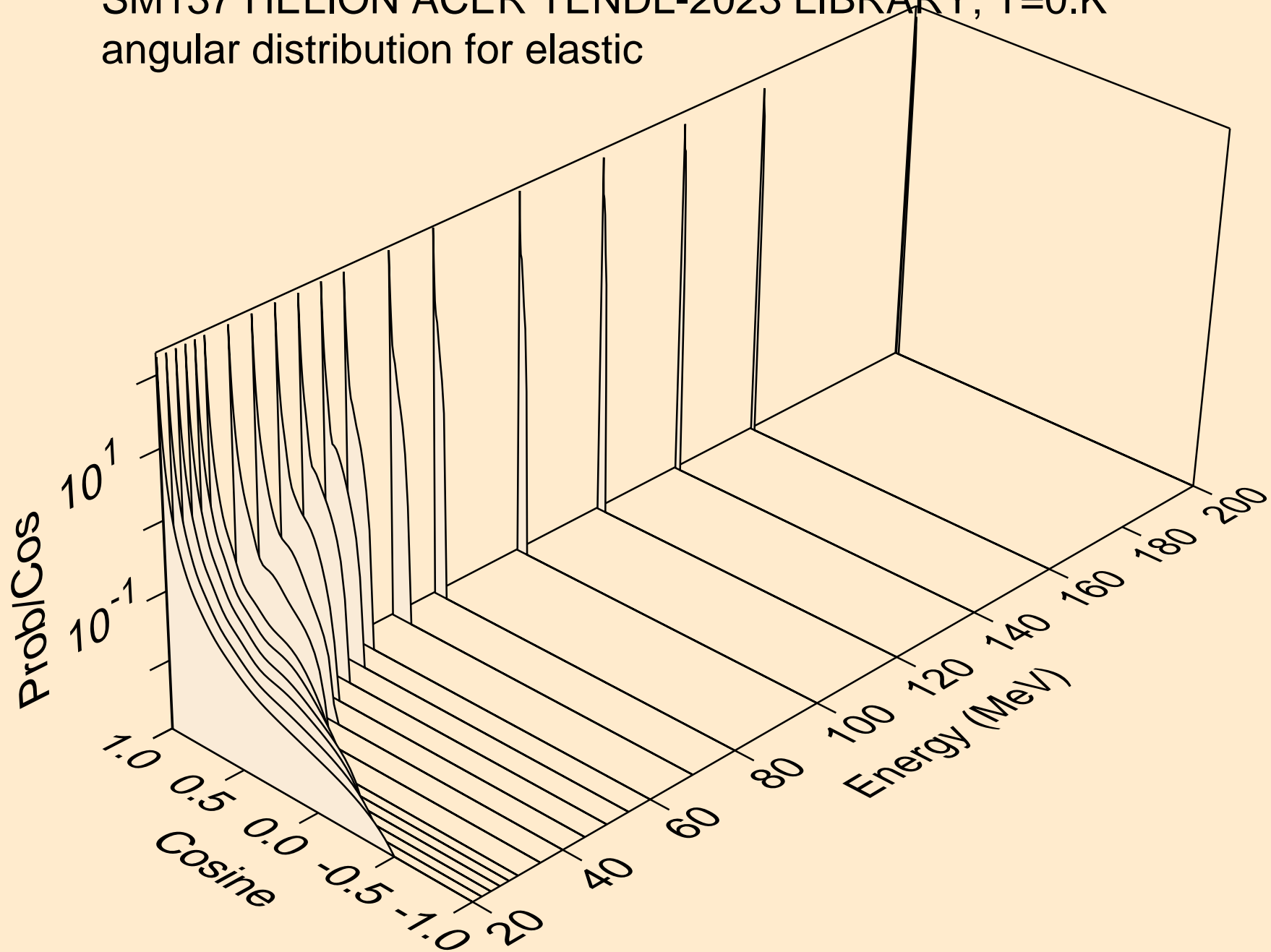
SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



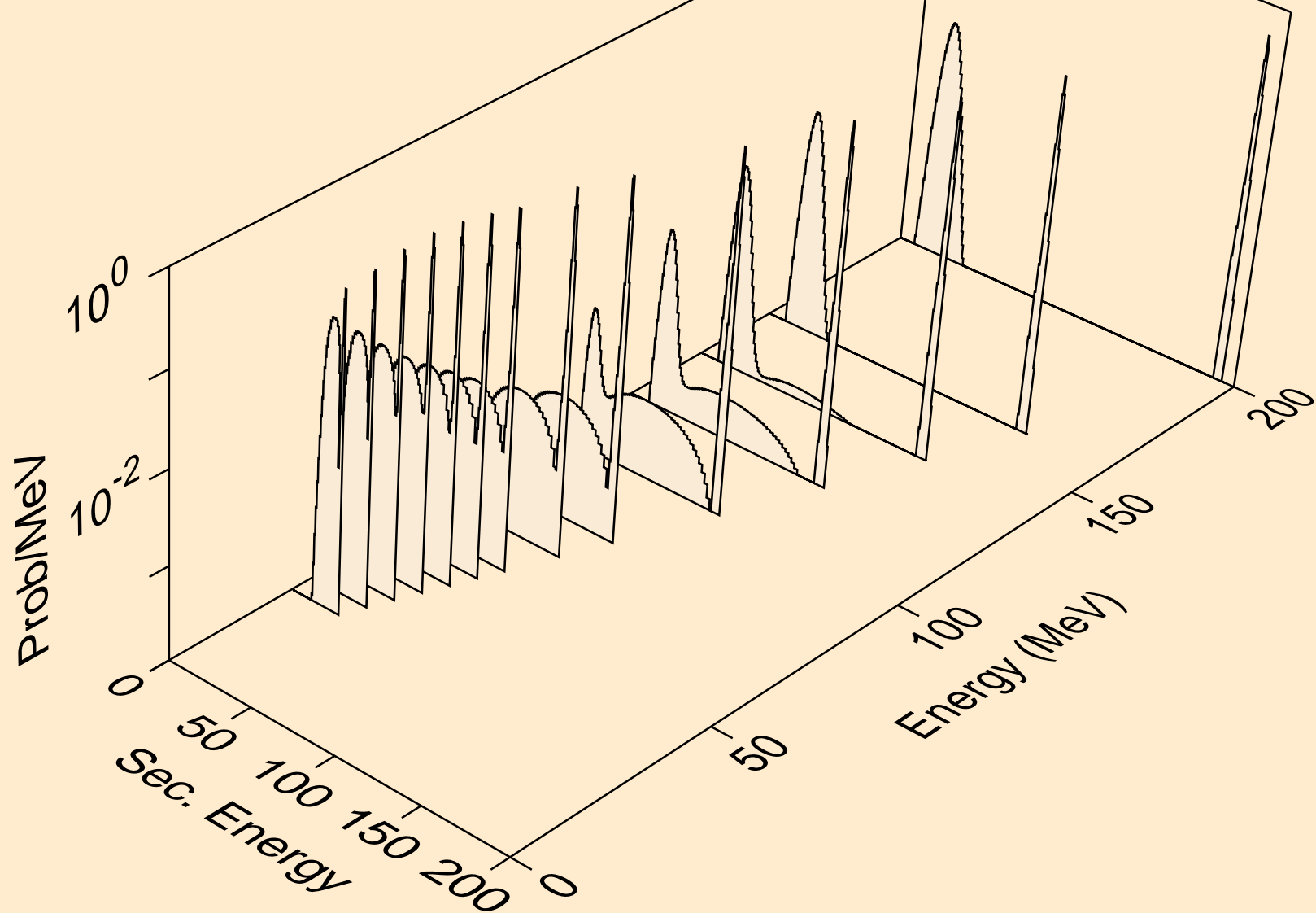
SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



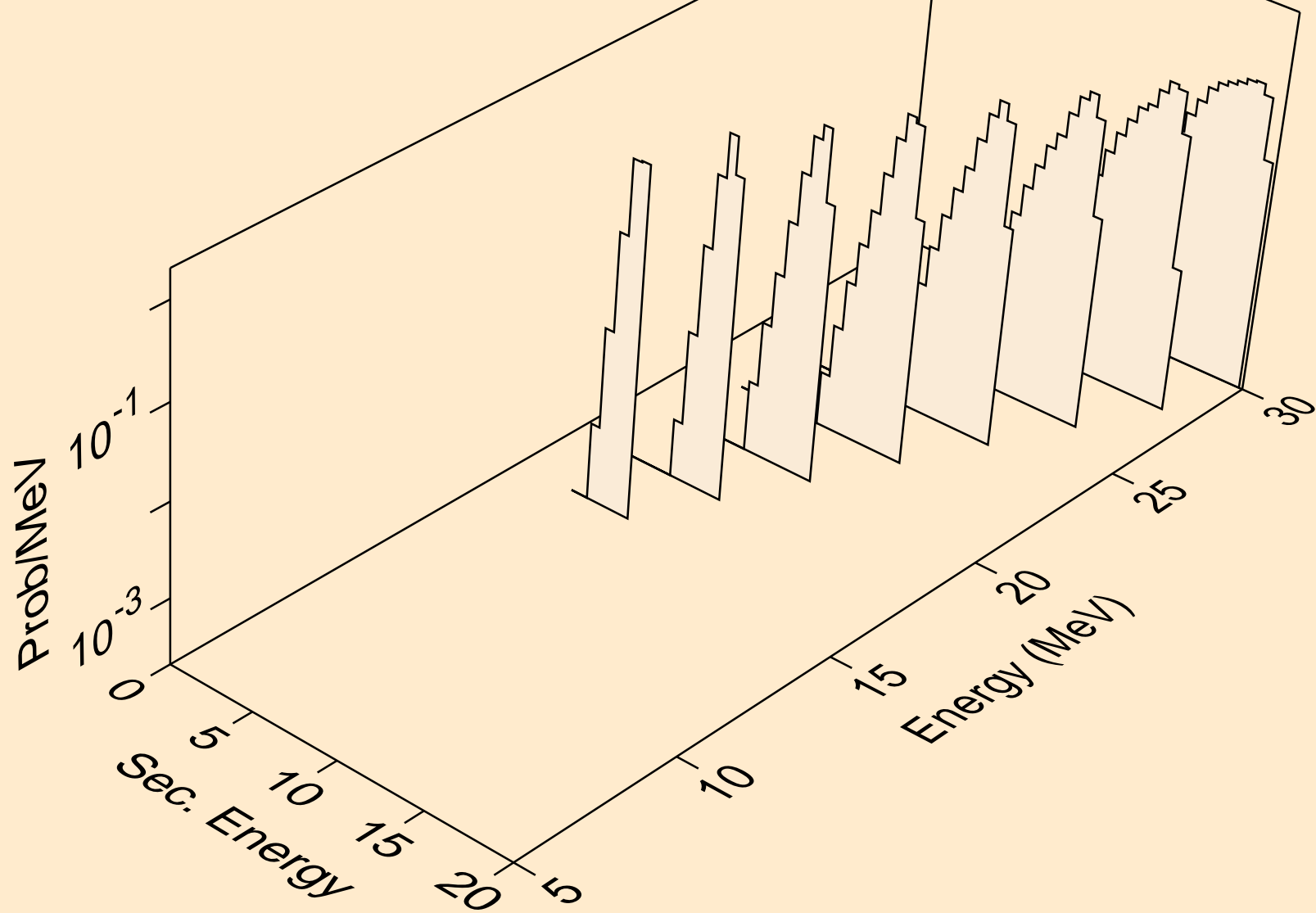
SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



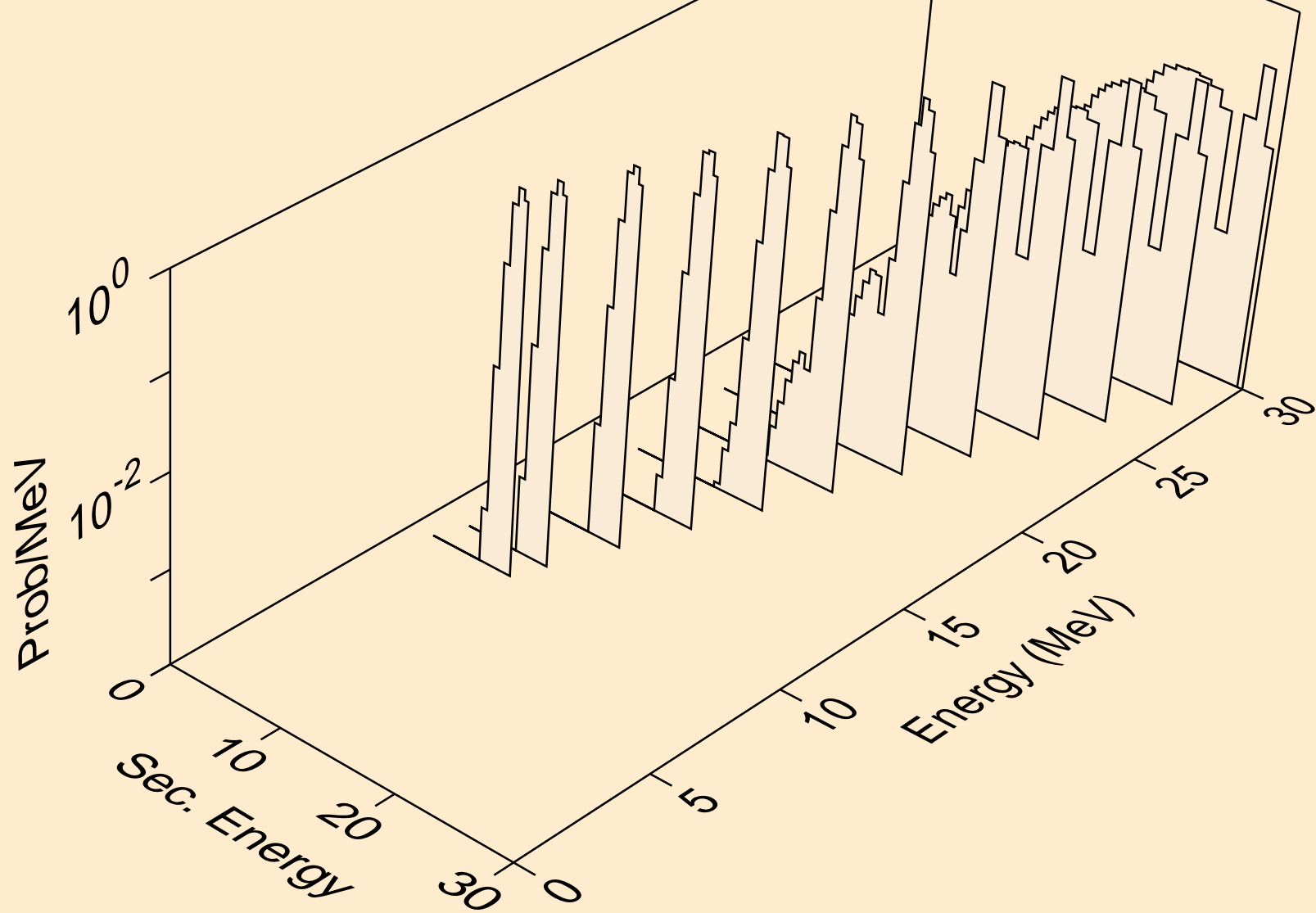
SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,x)



SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

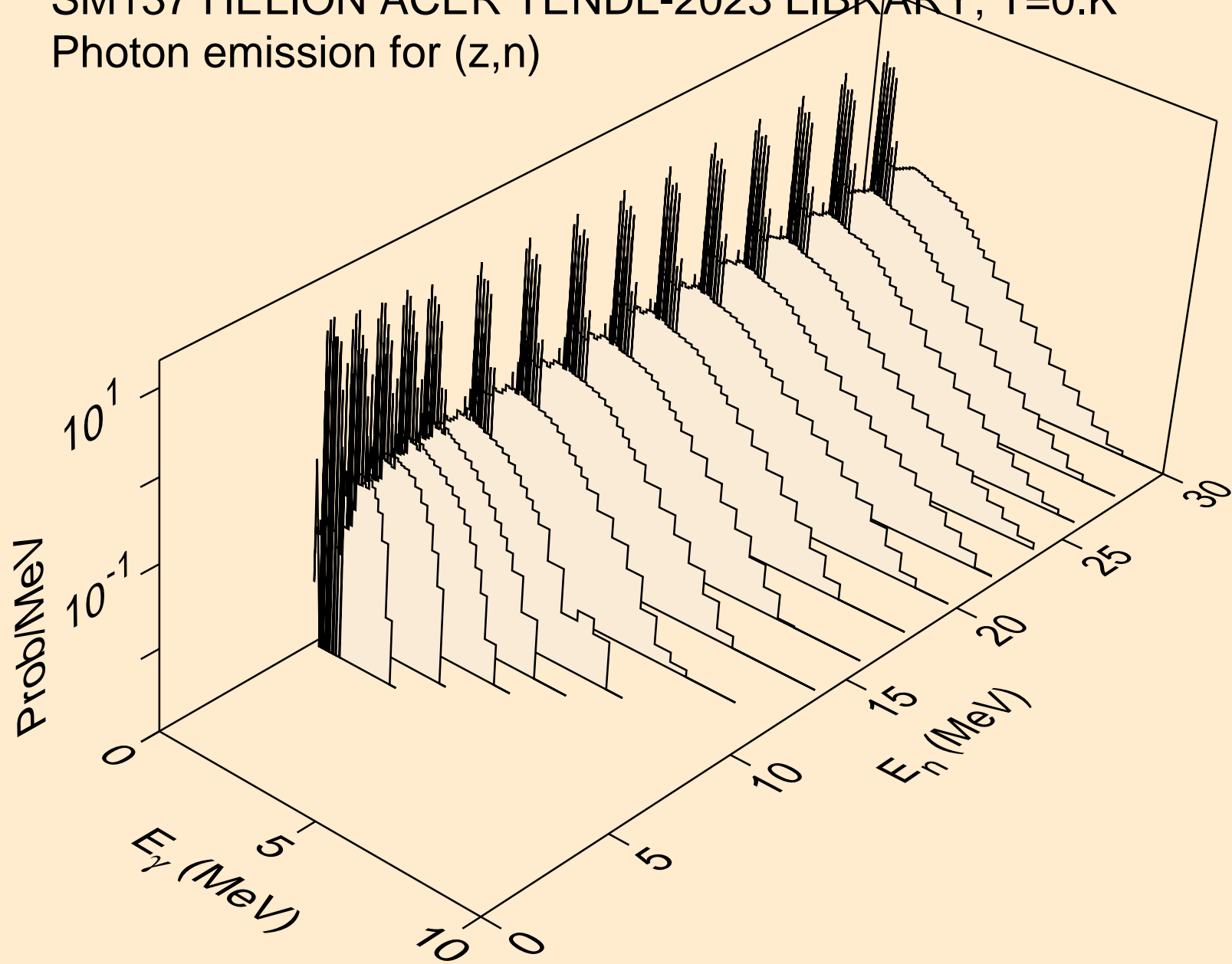


SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for inelastic

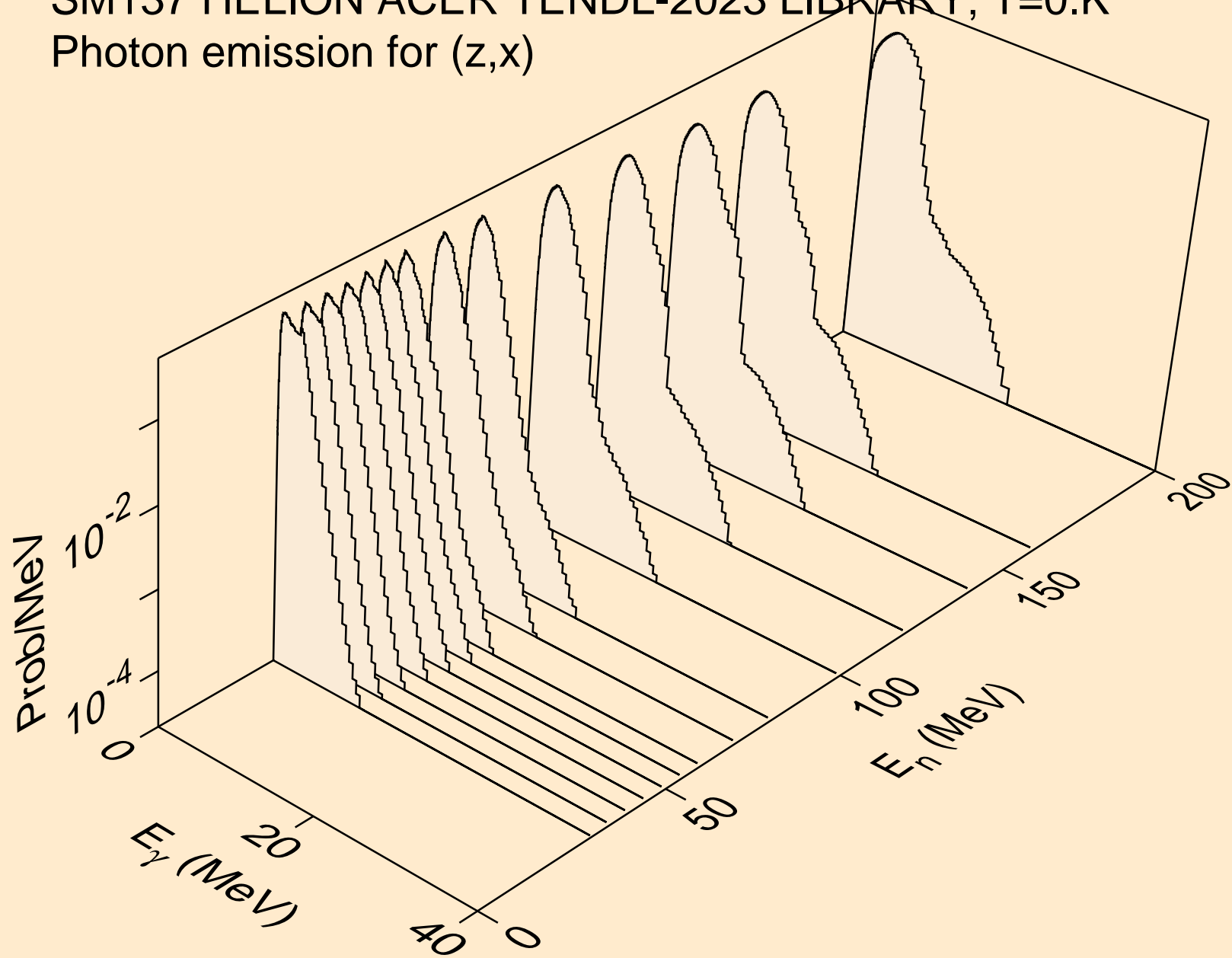




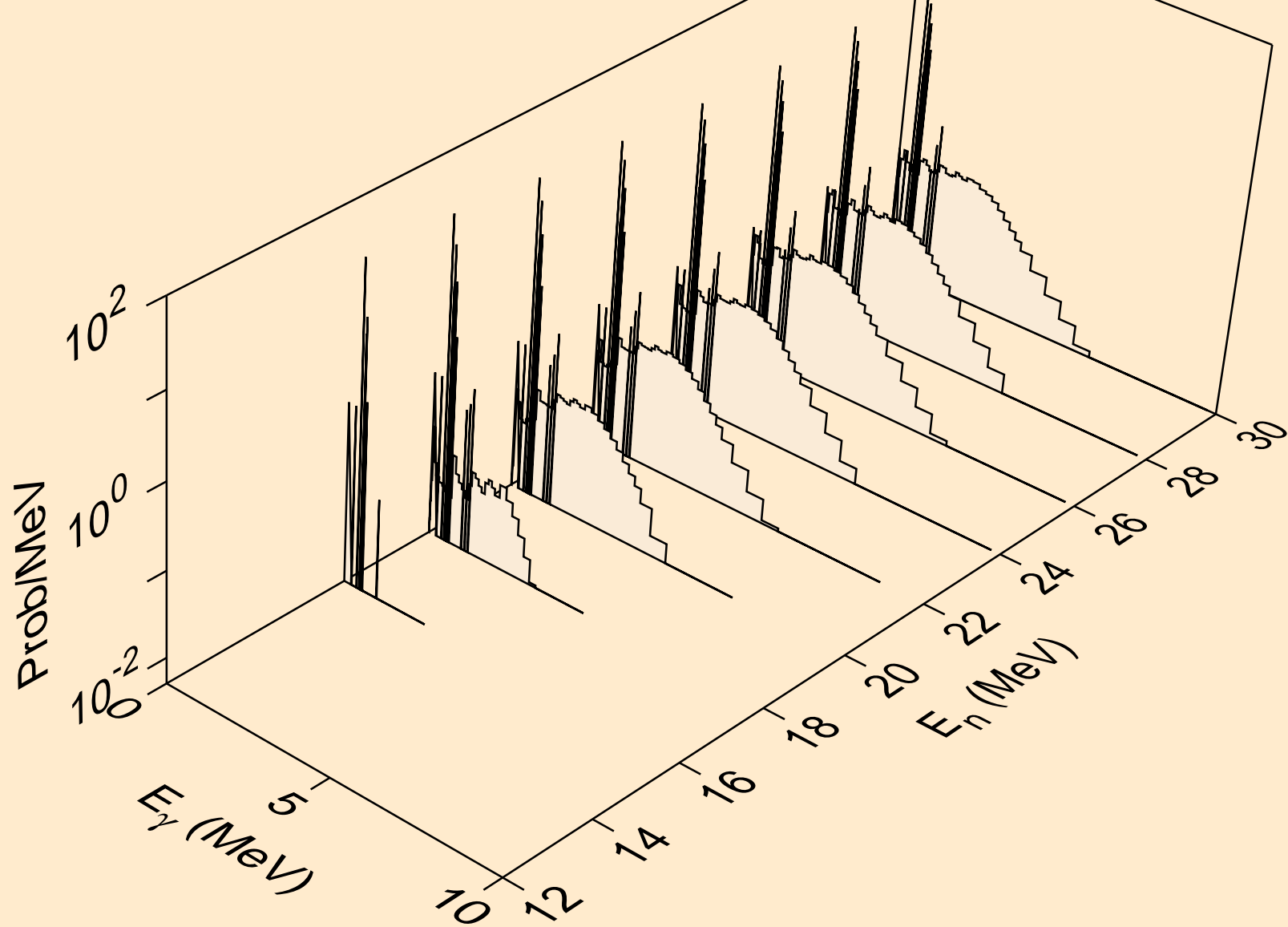
SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



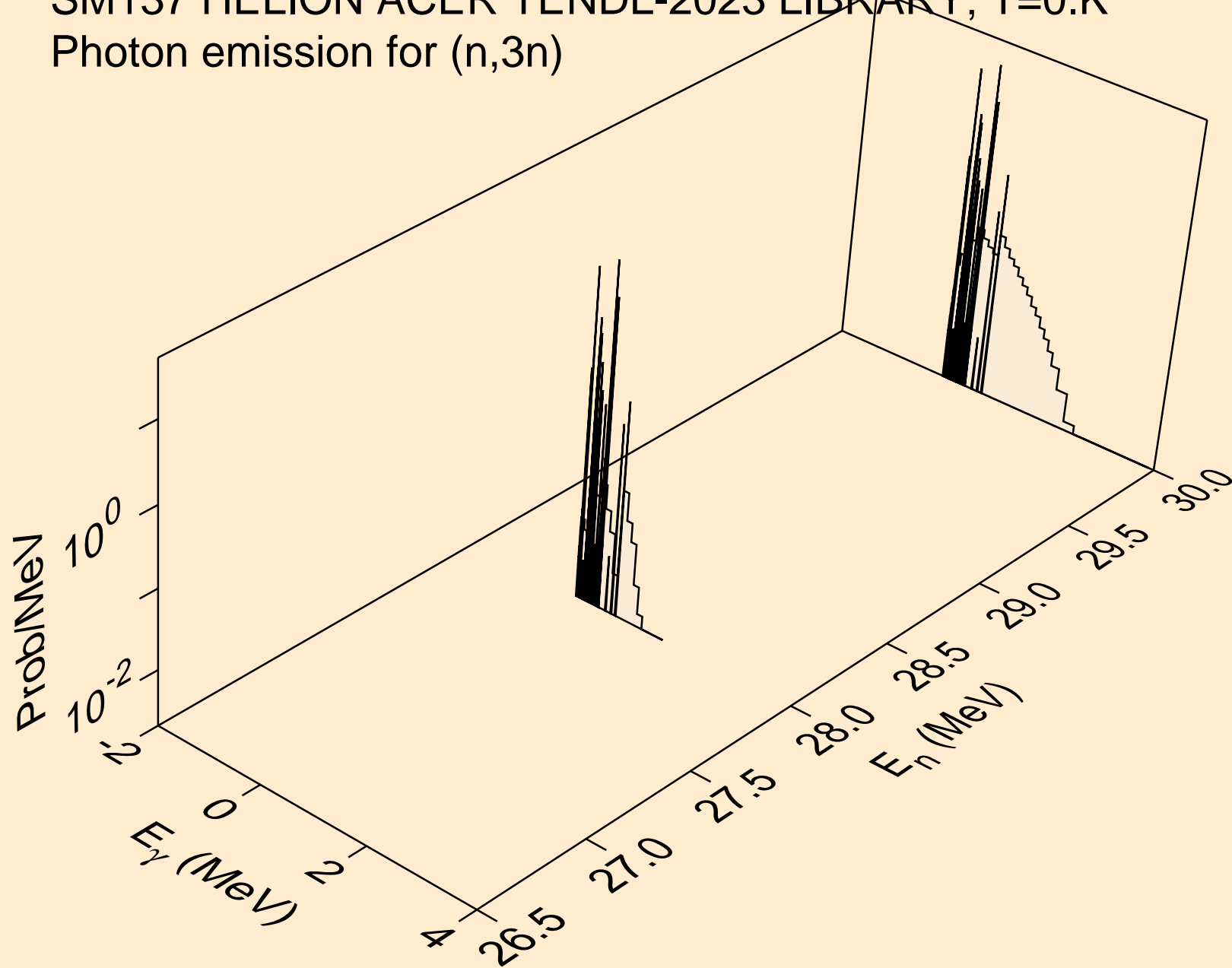
SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



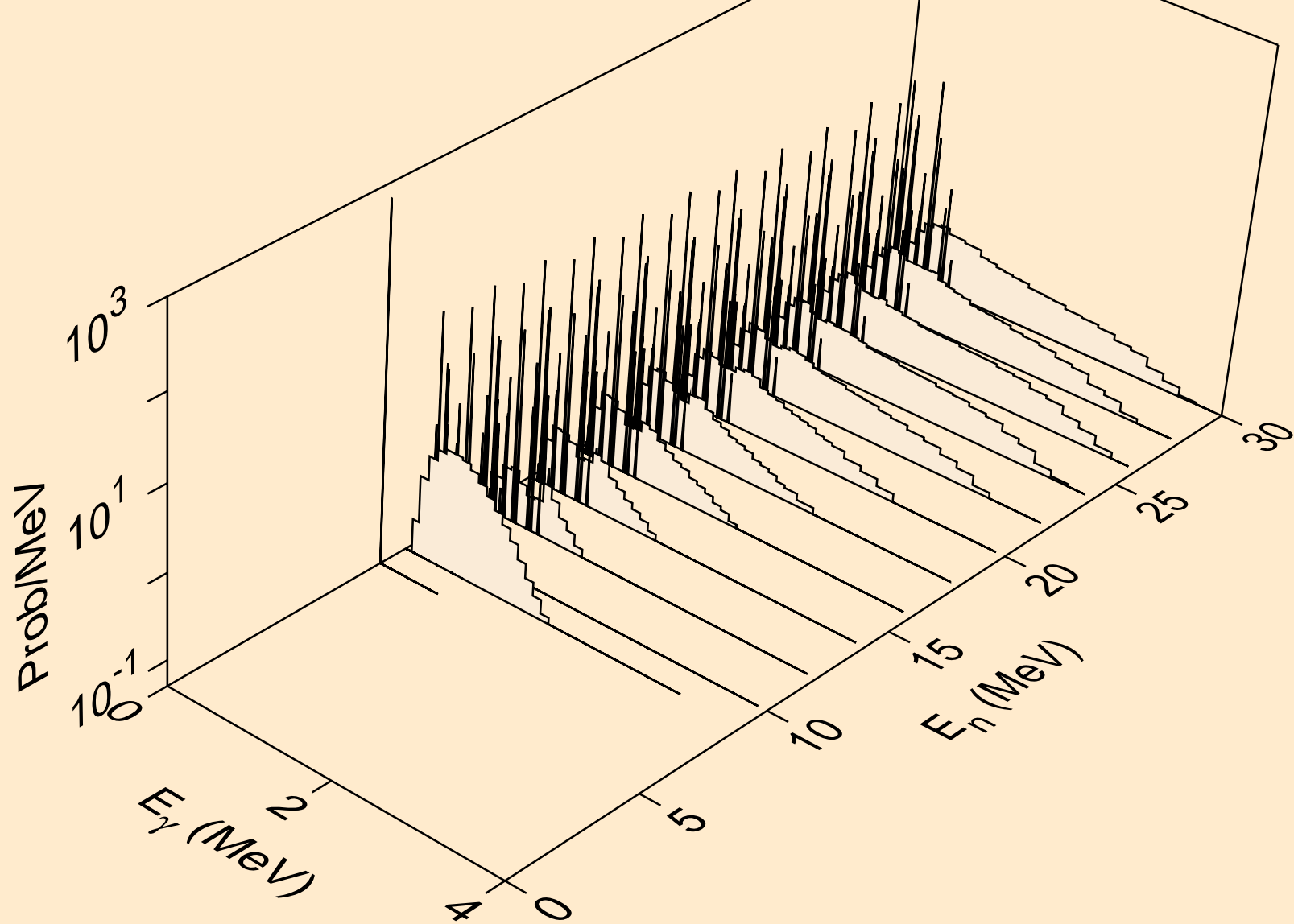
SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



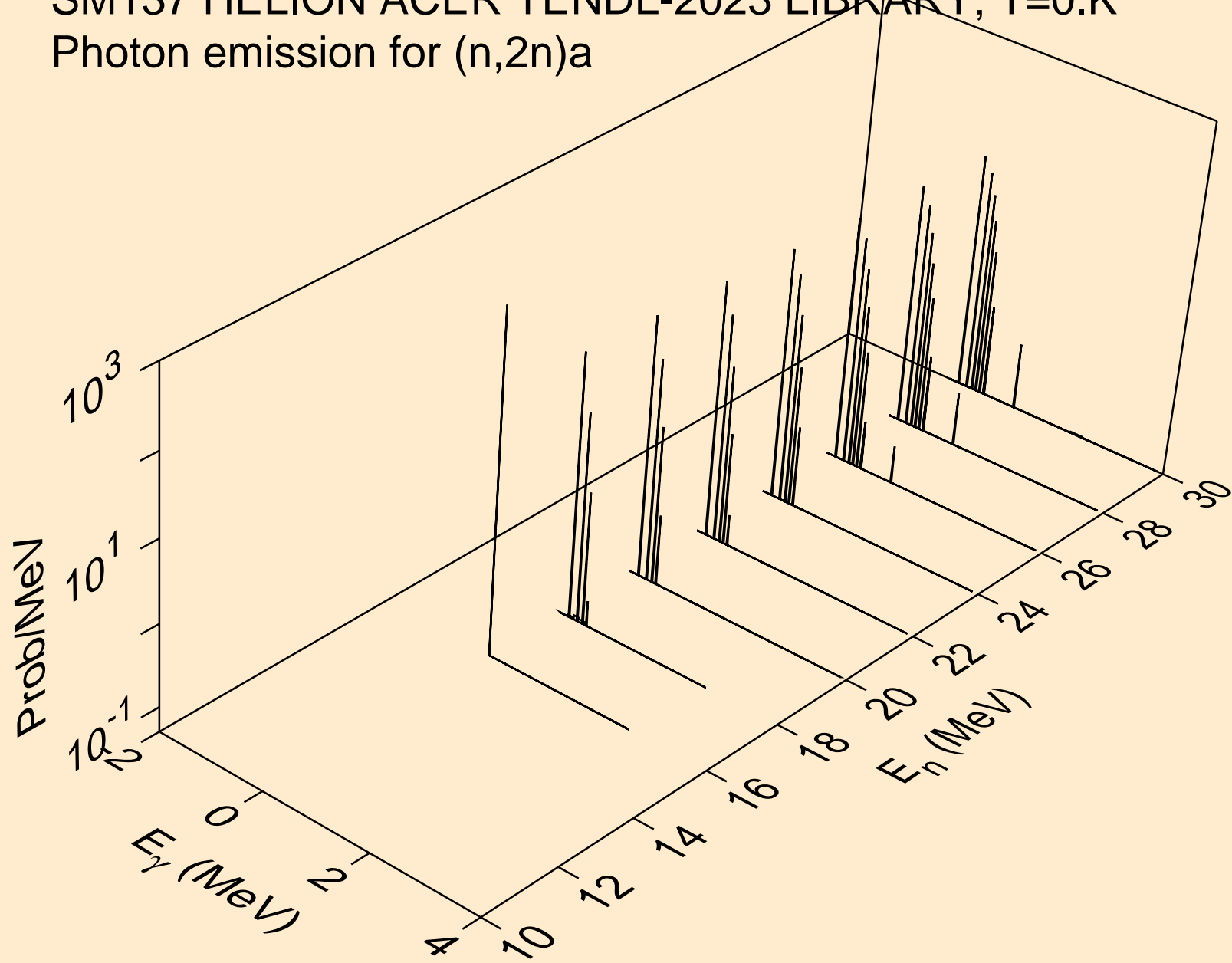
SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



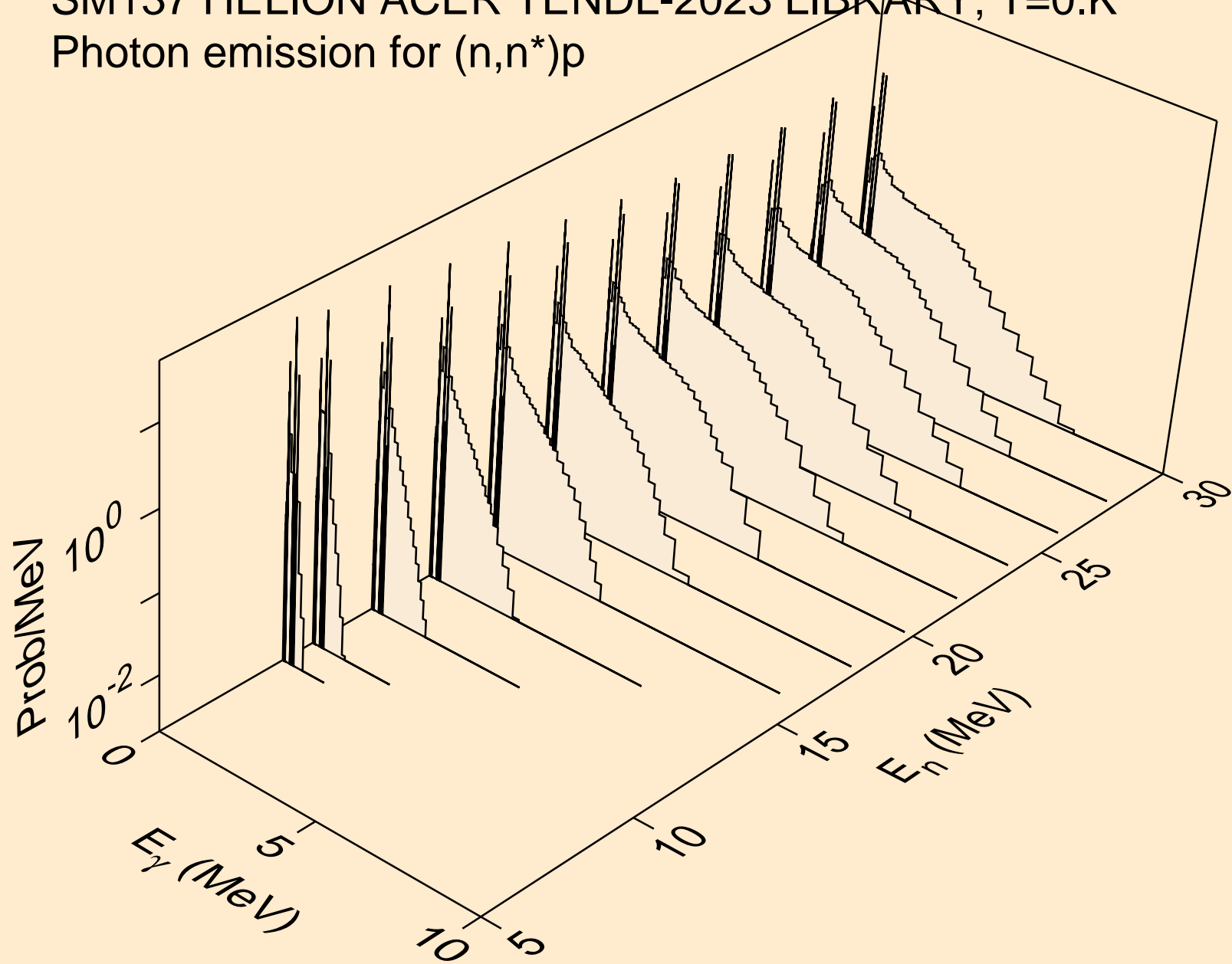
SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



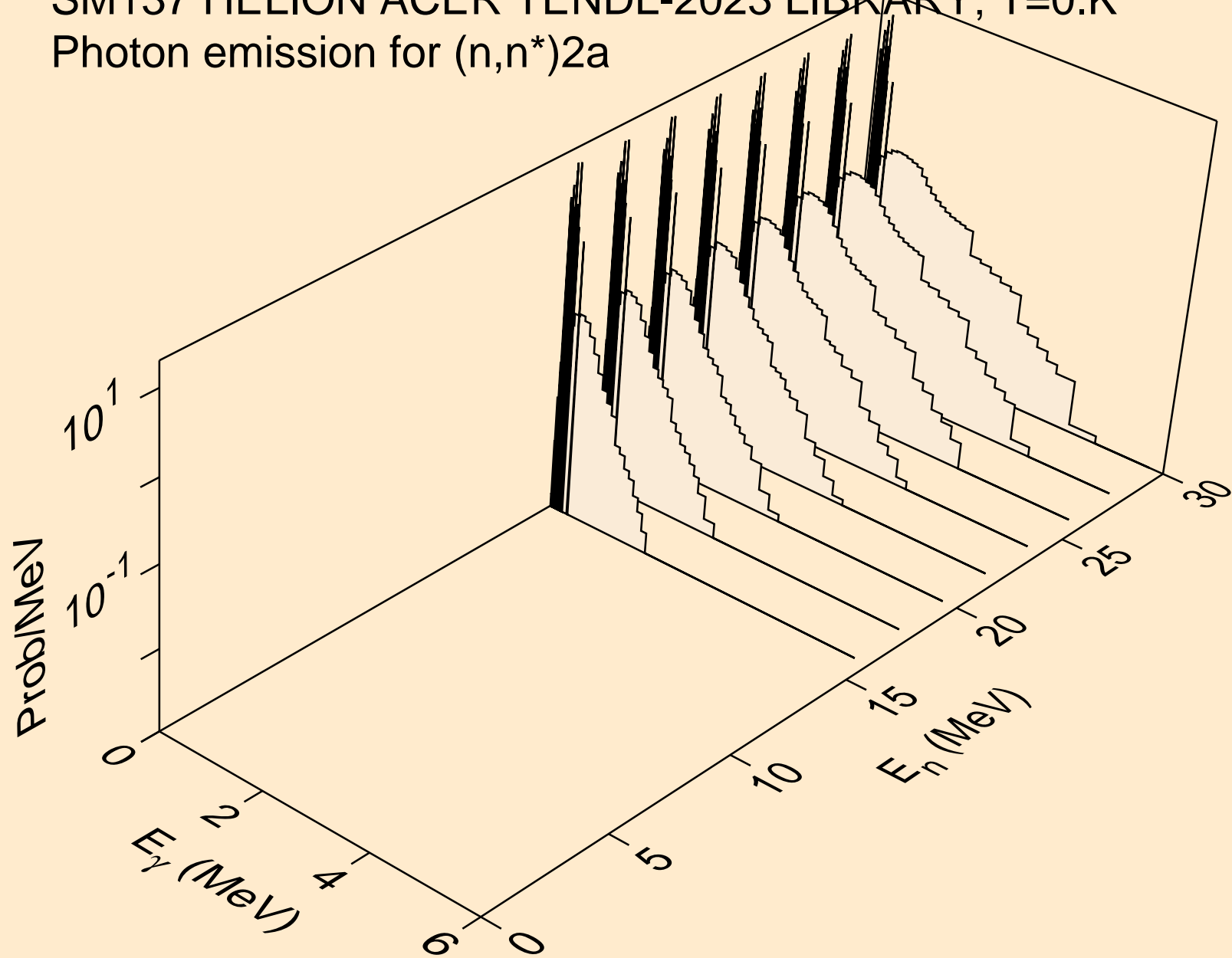
SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

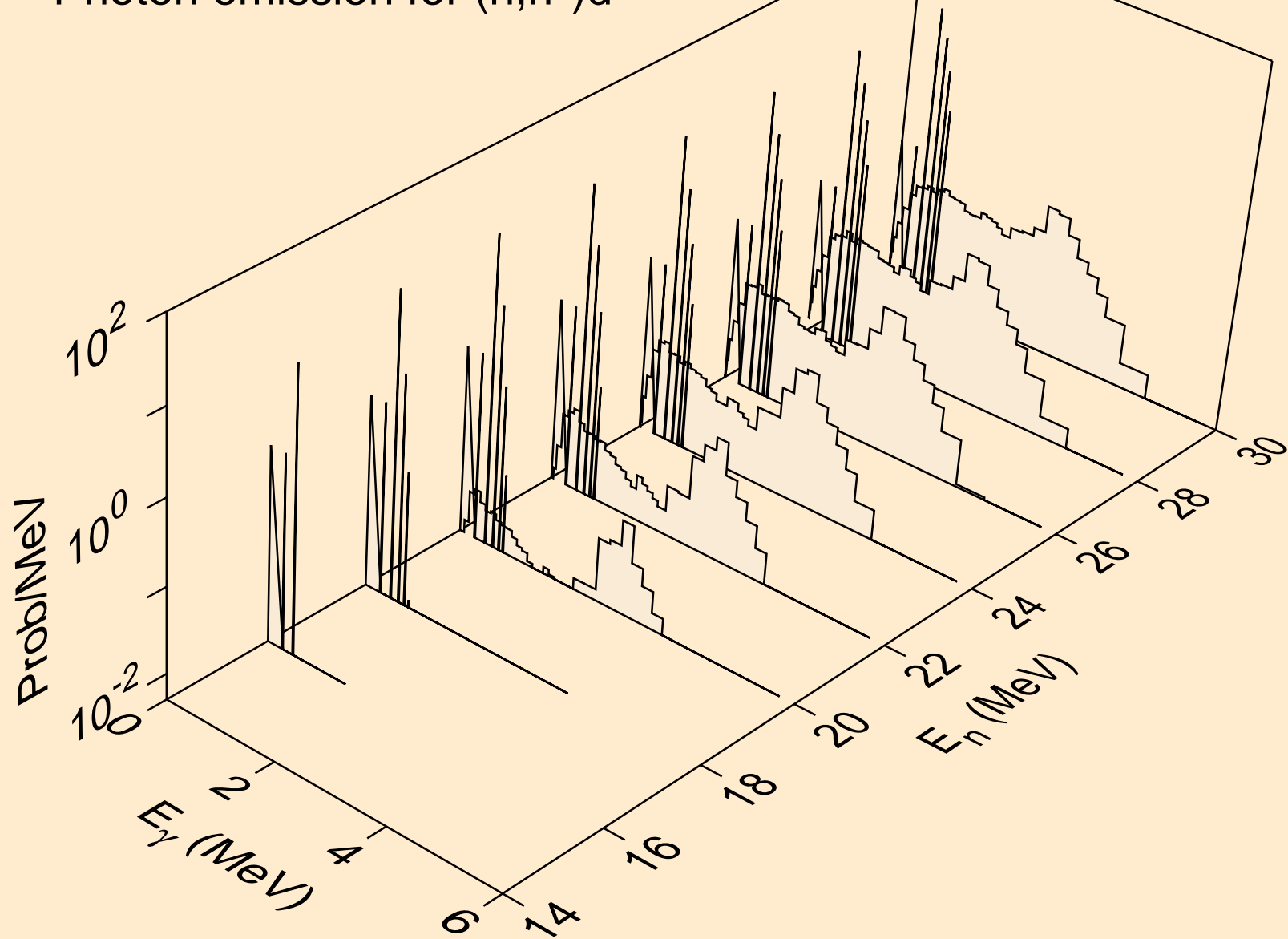


SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a

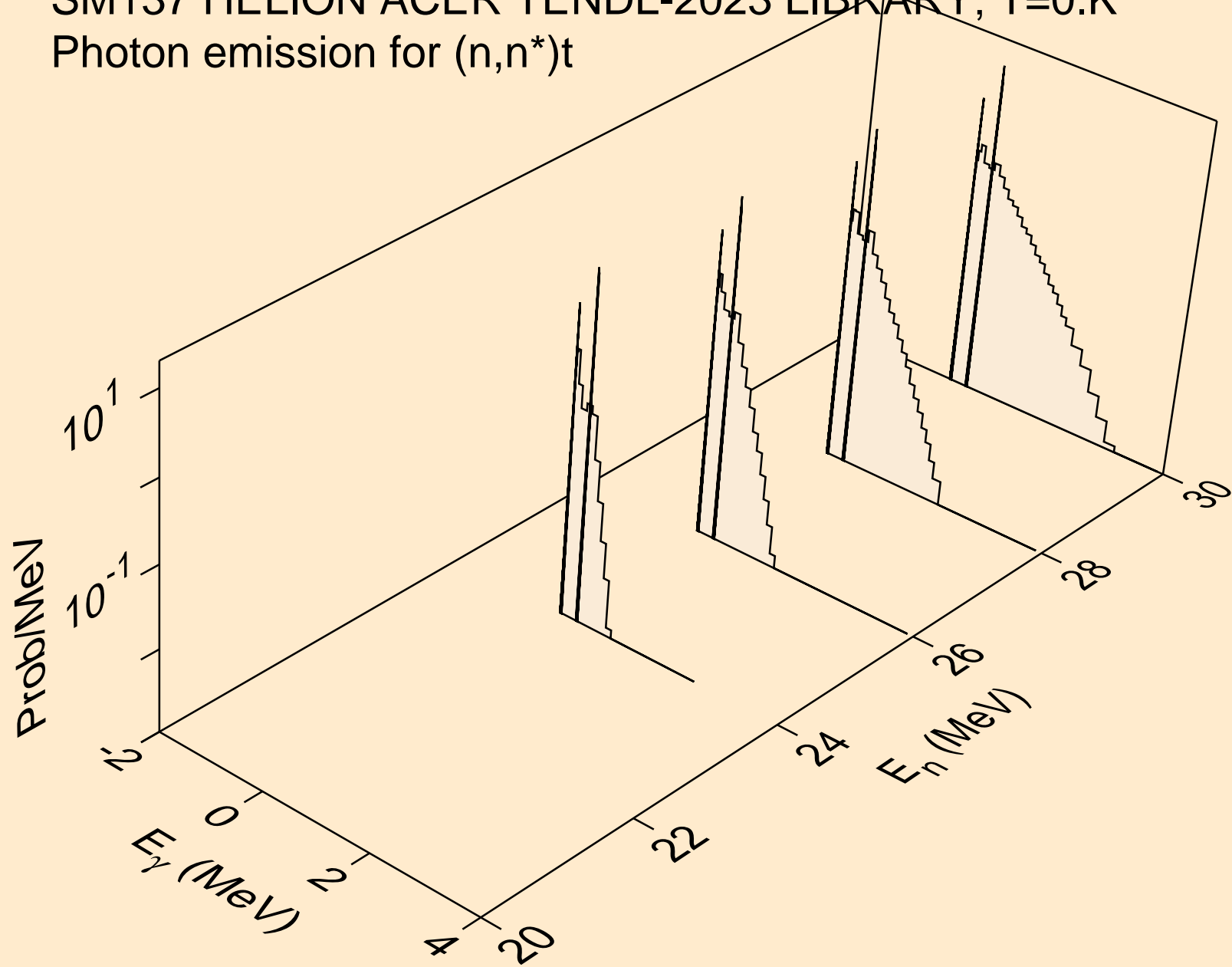




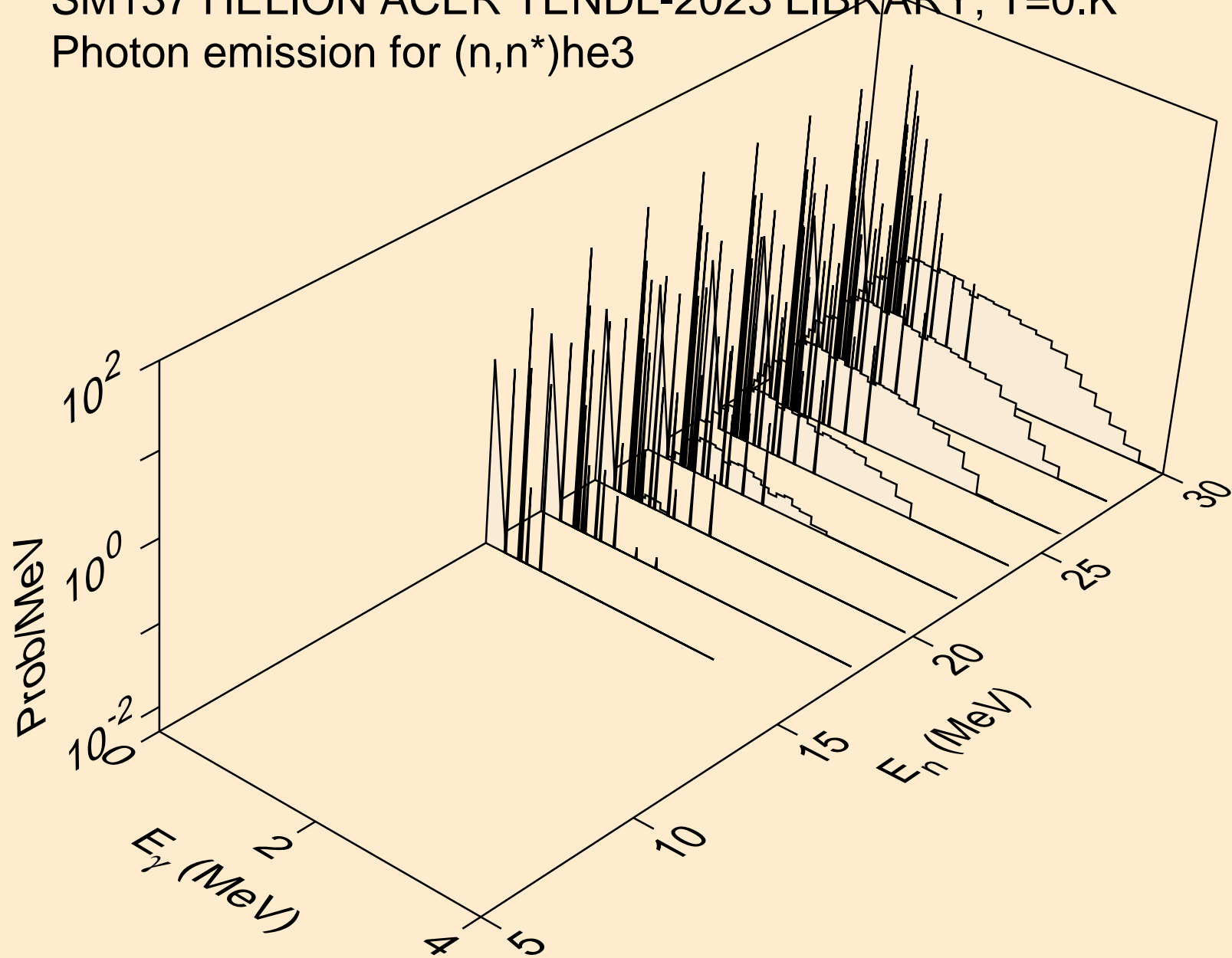
SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



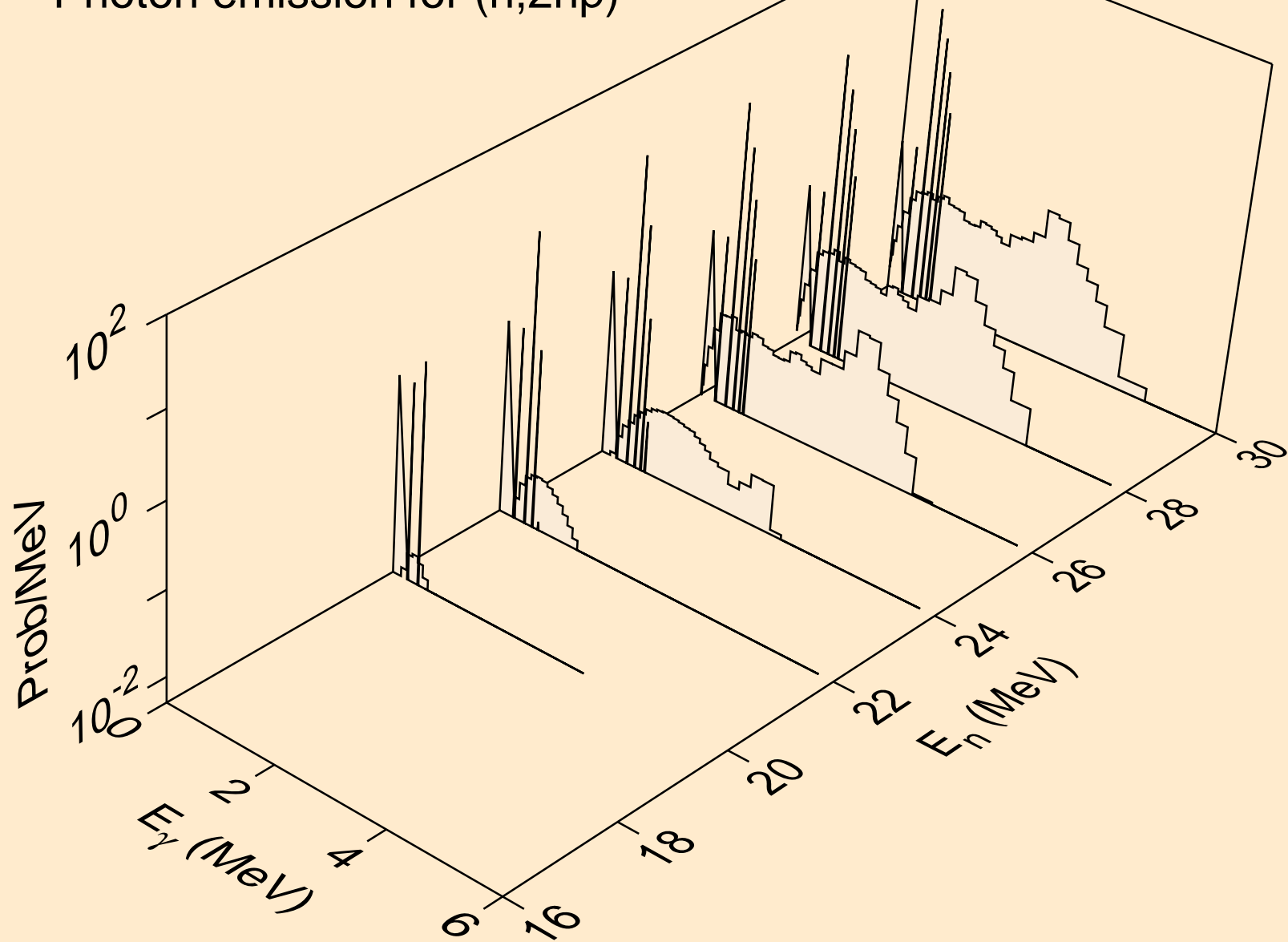
SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



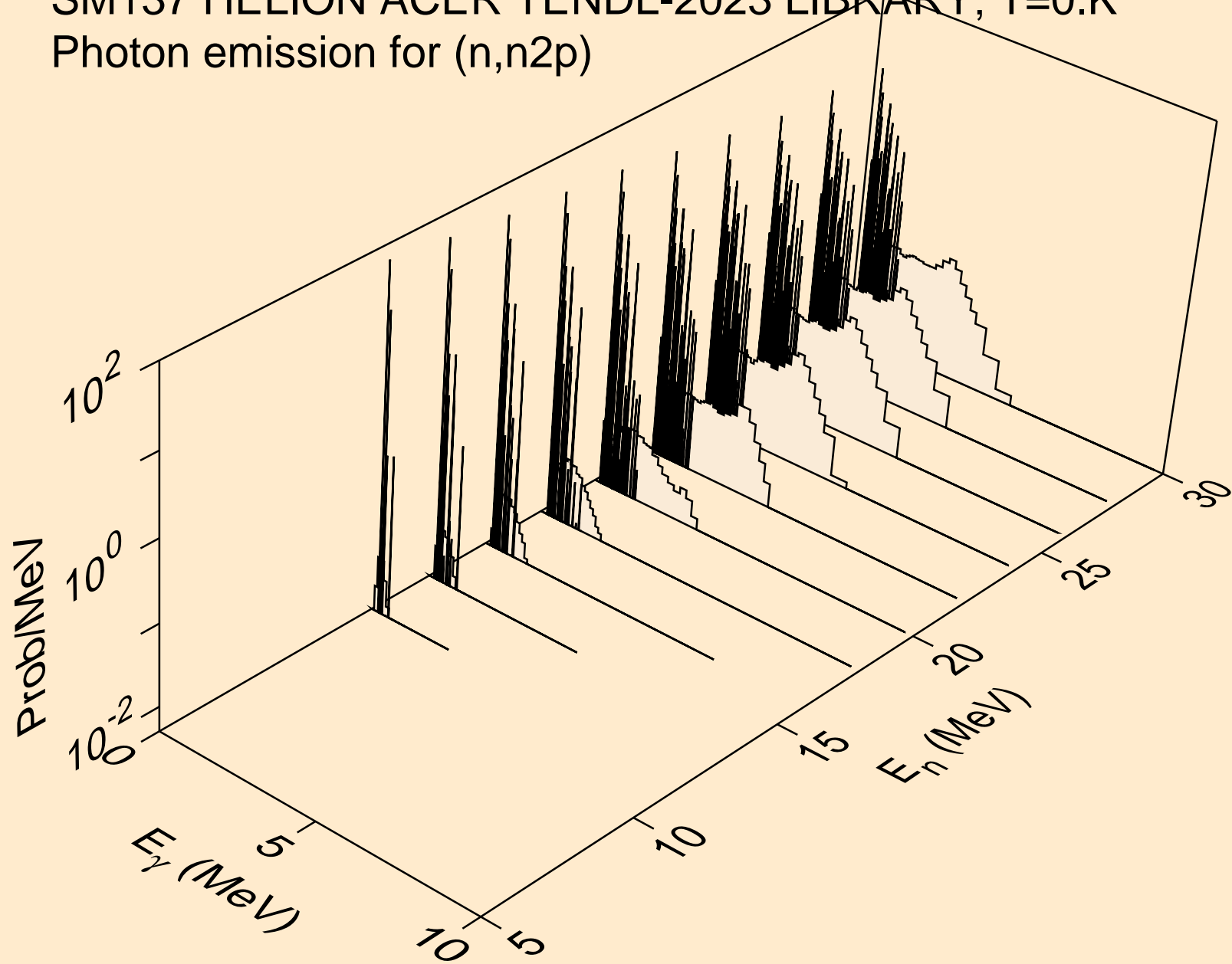
SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



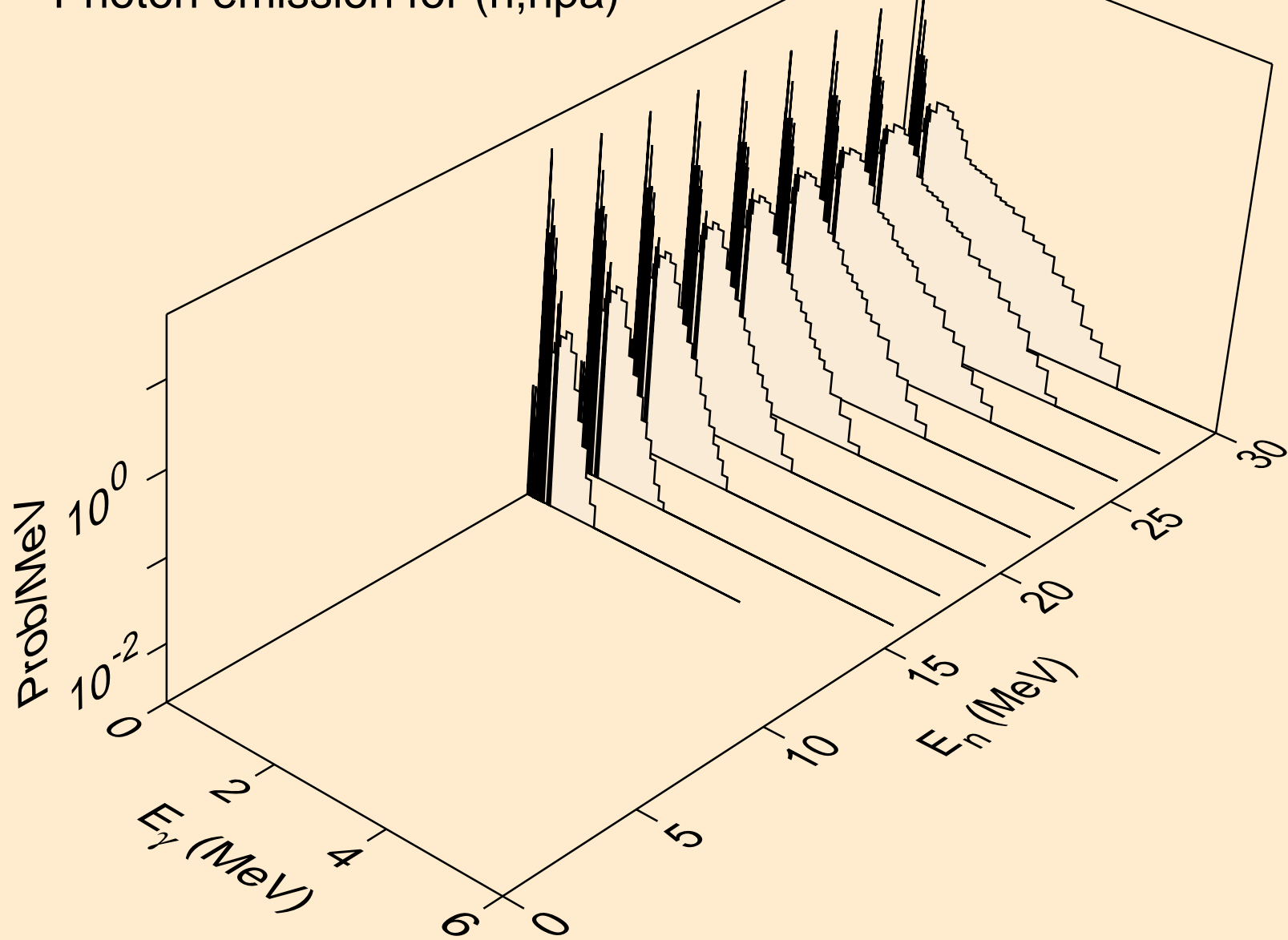
SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



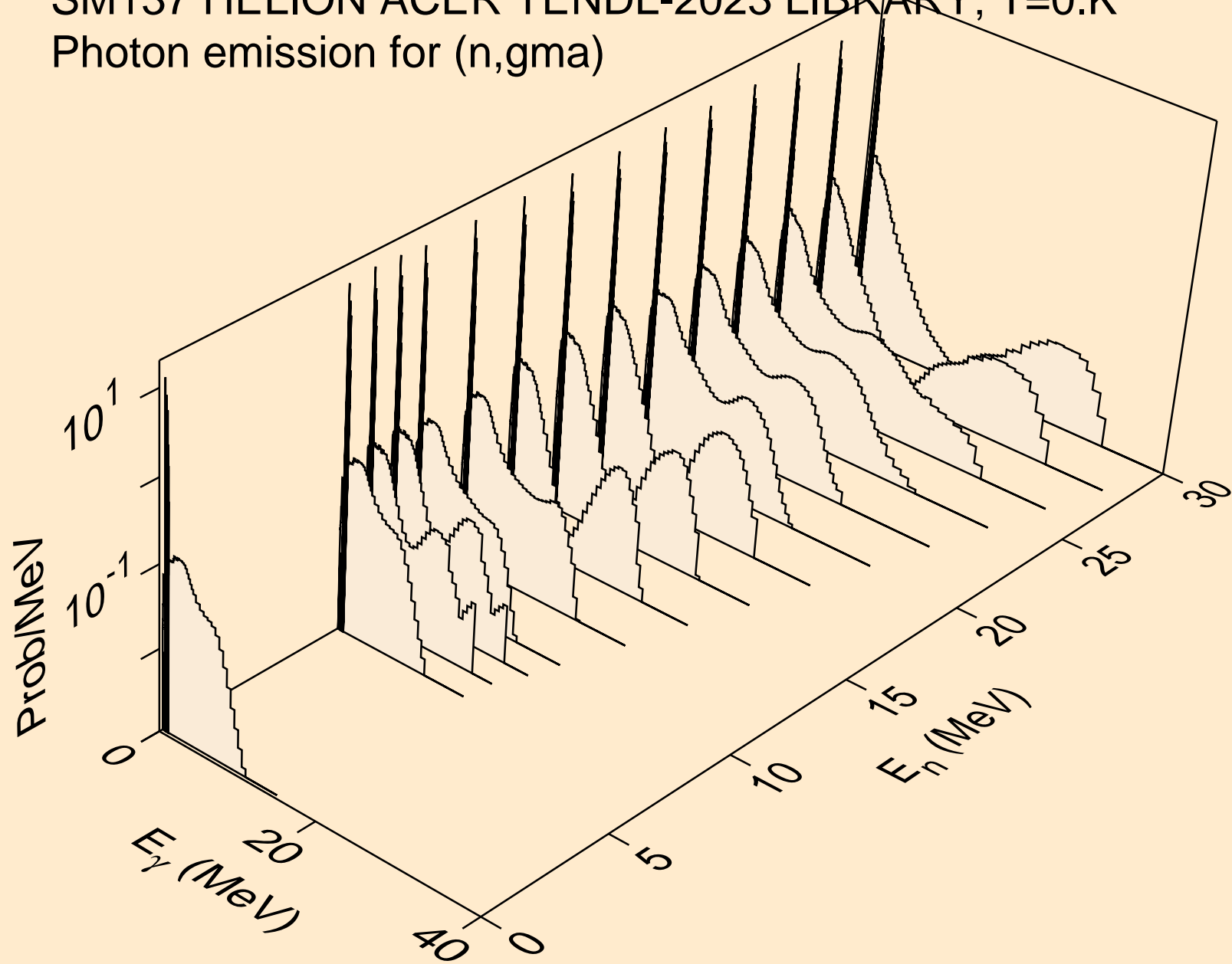
SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



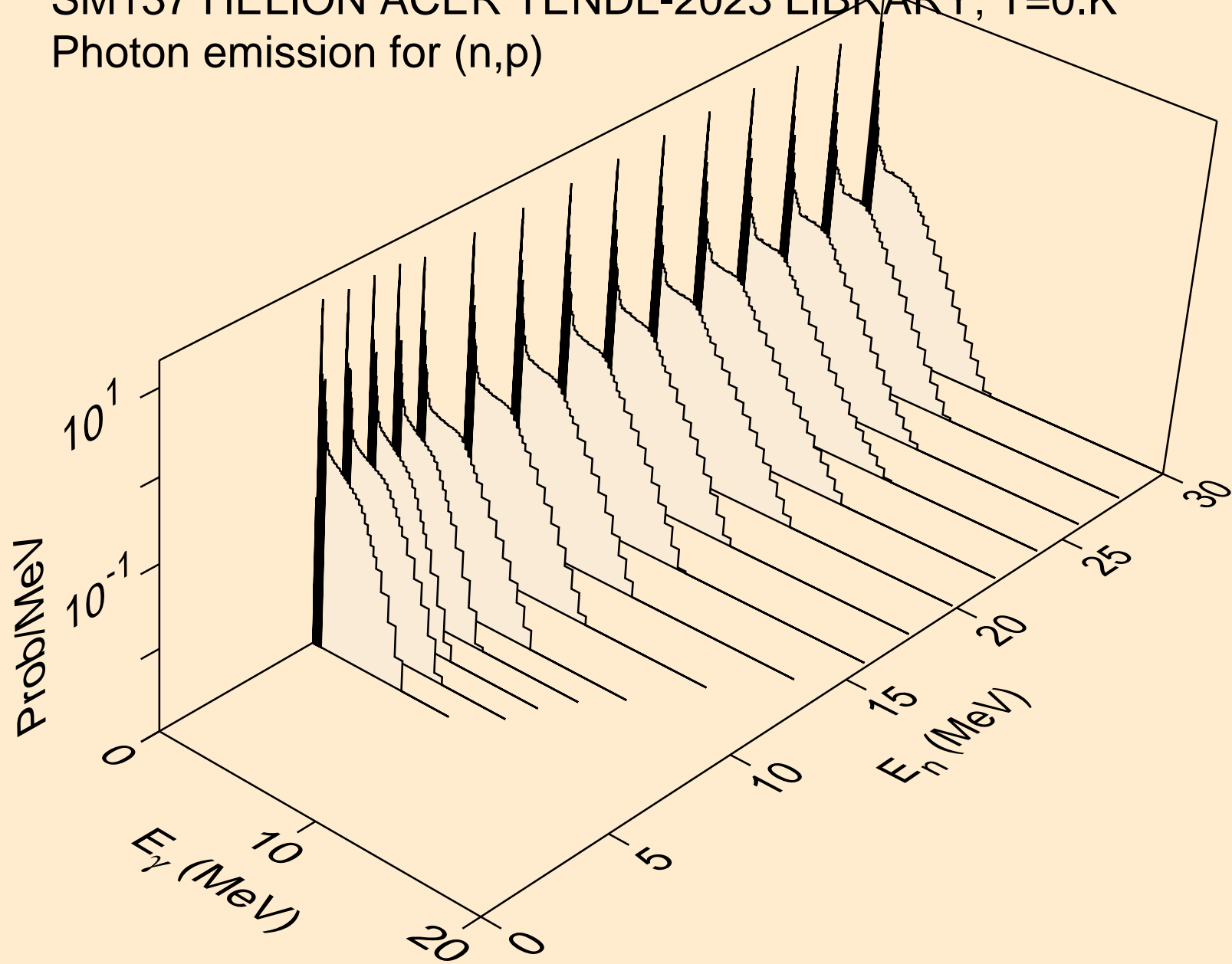
SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)

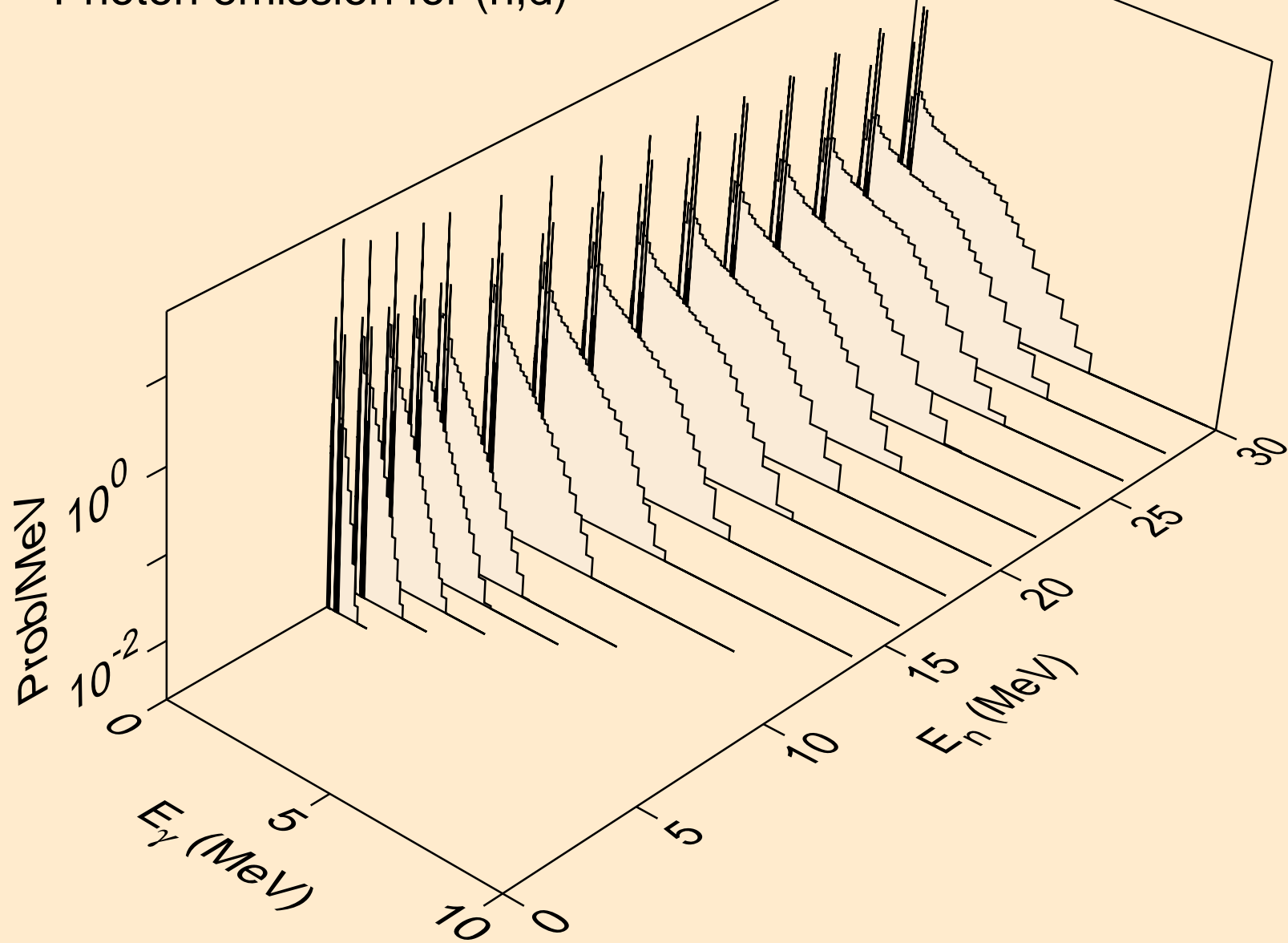


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Photon emission for (n,p)

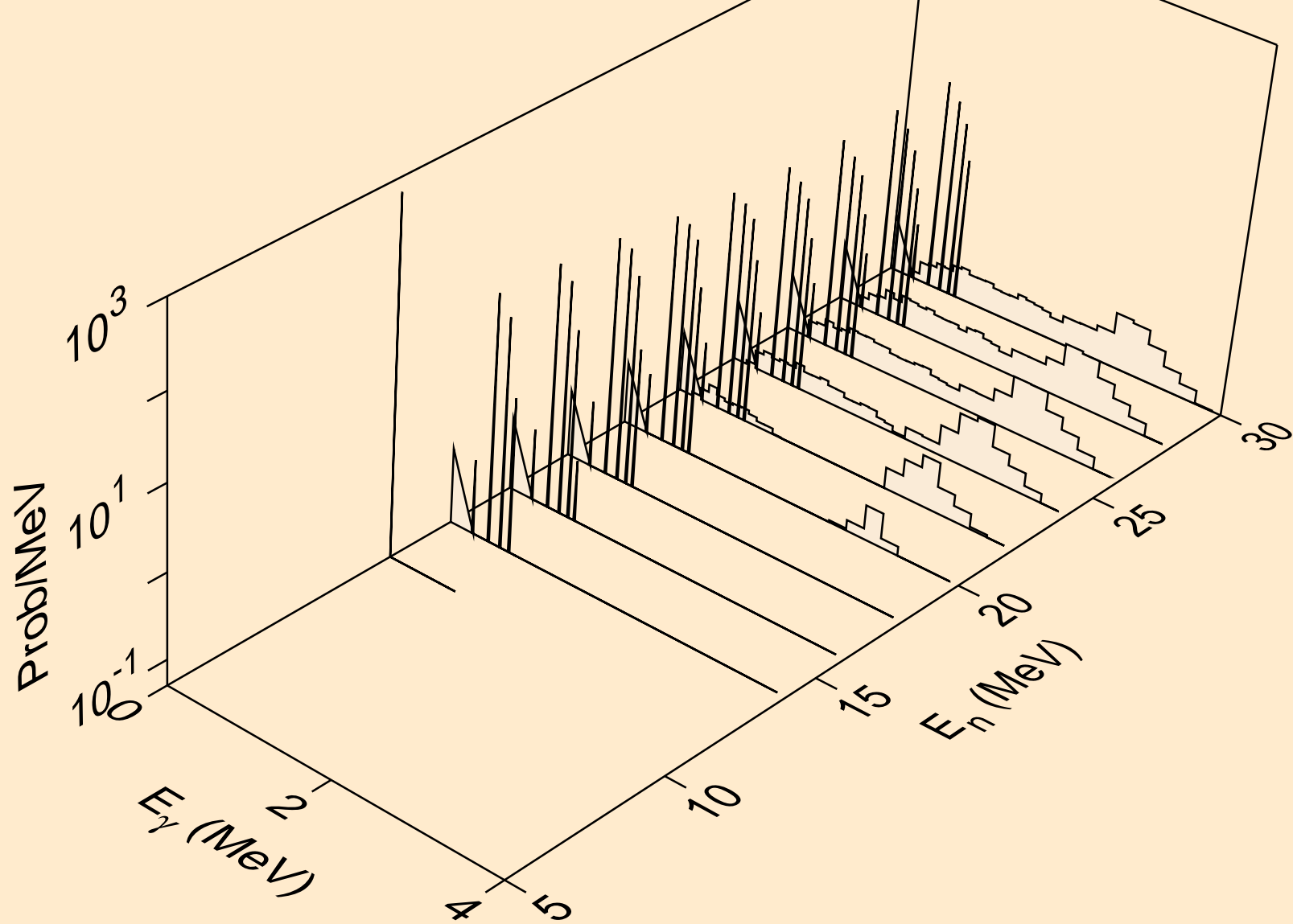




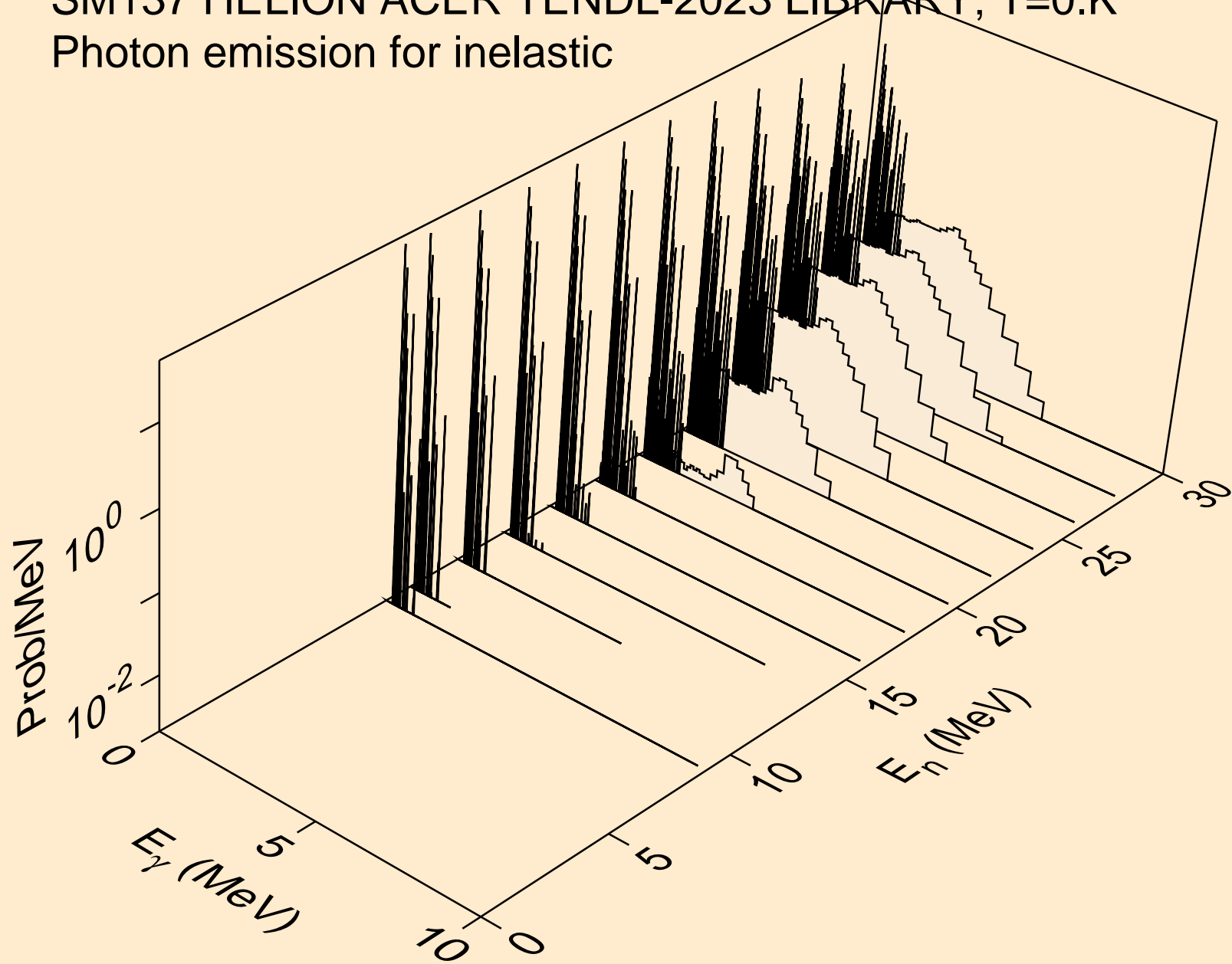
SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



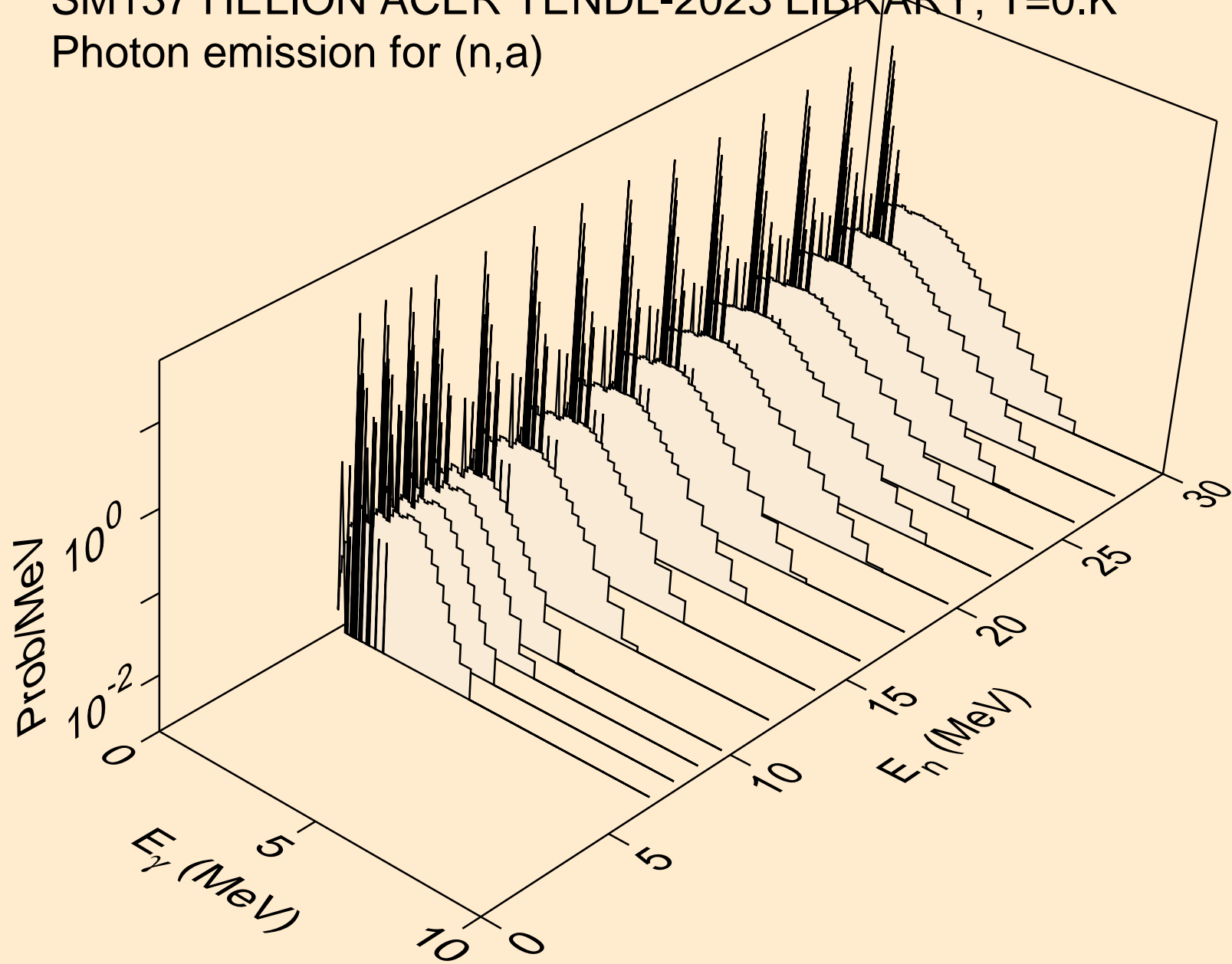
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Photon emission for (n,t)



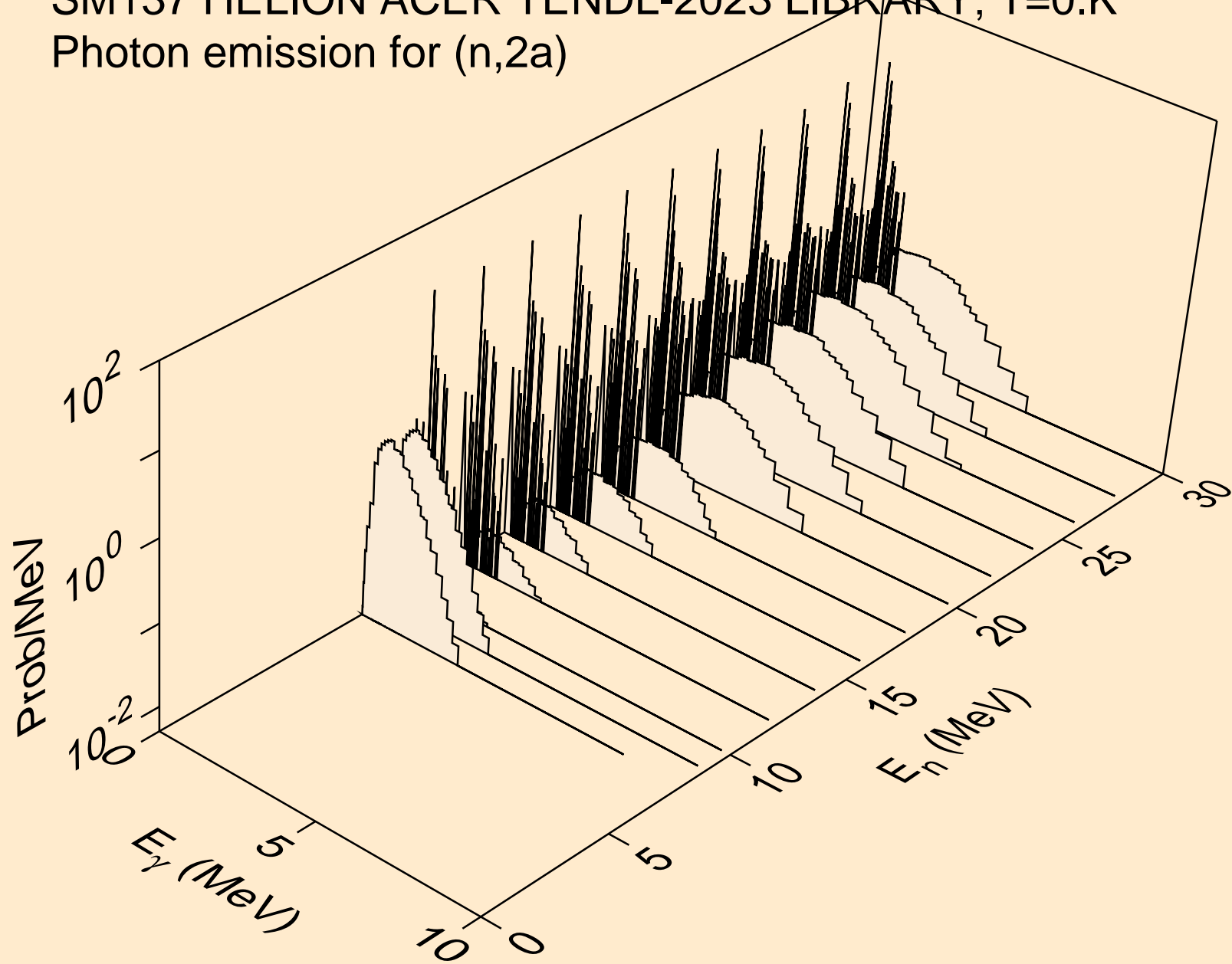
SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



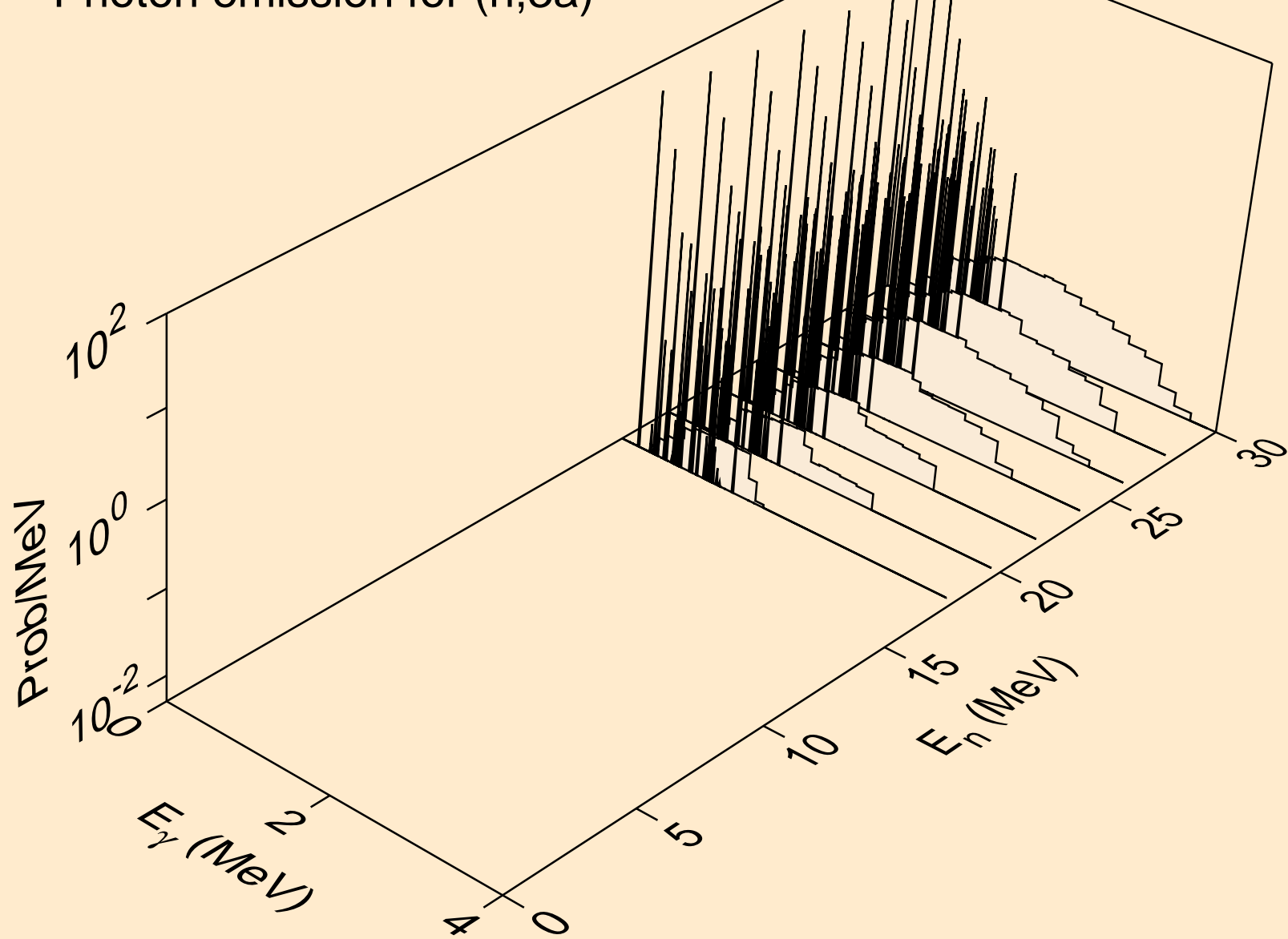
SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



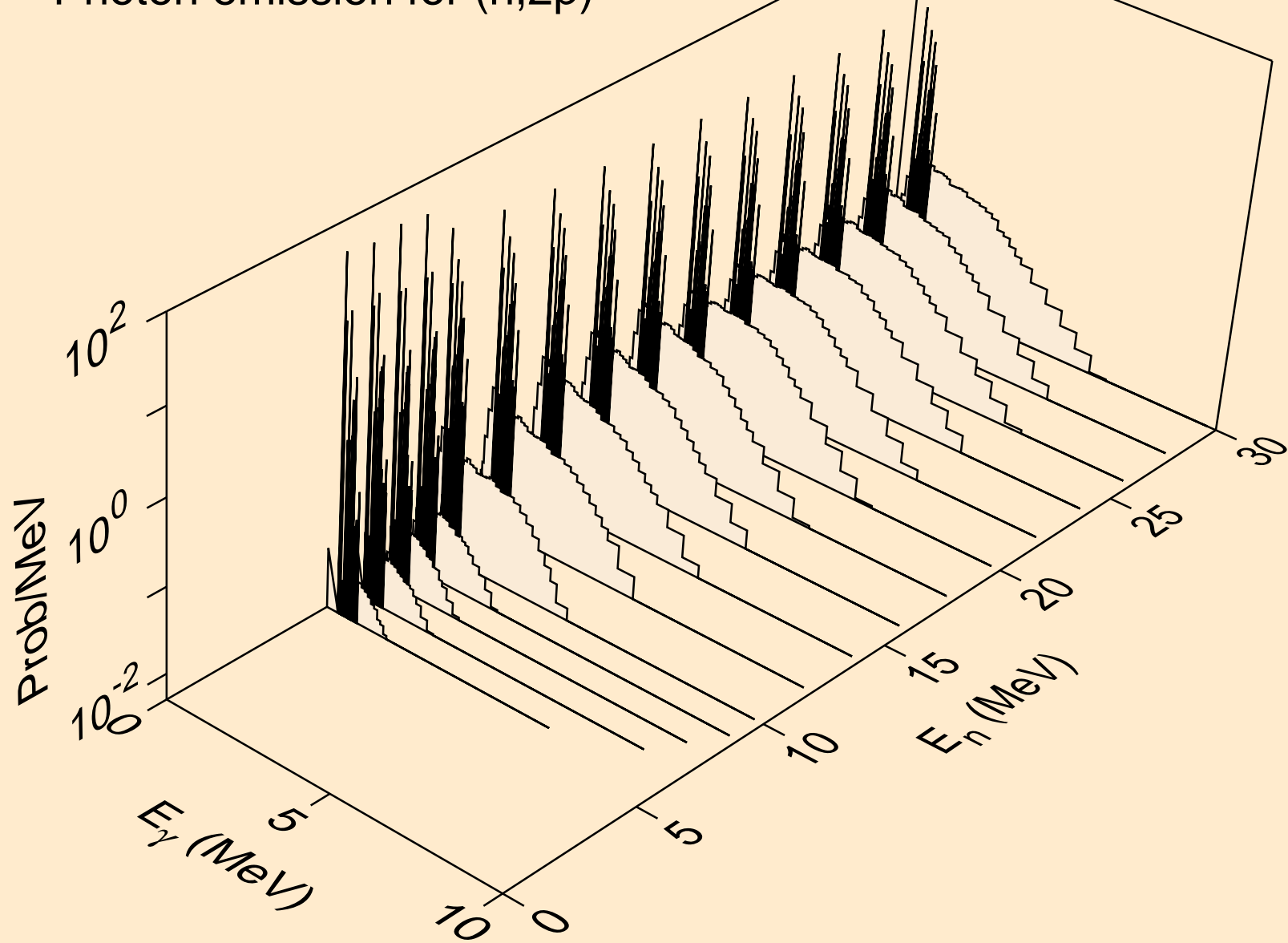
SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



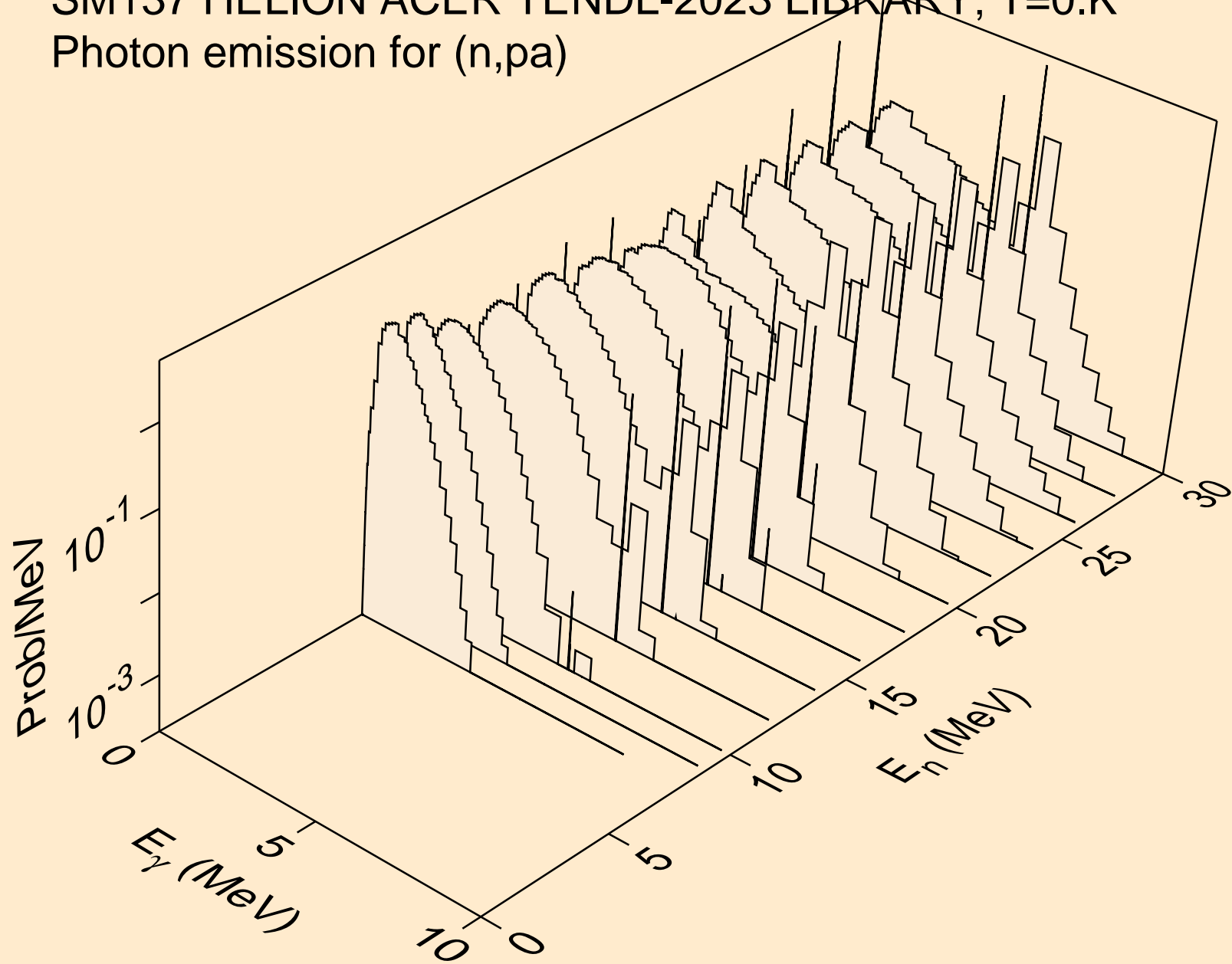
SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3a)



SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)

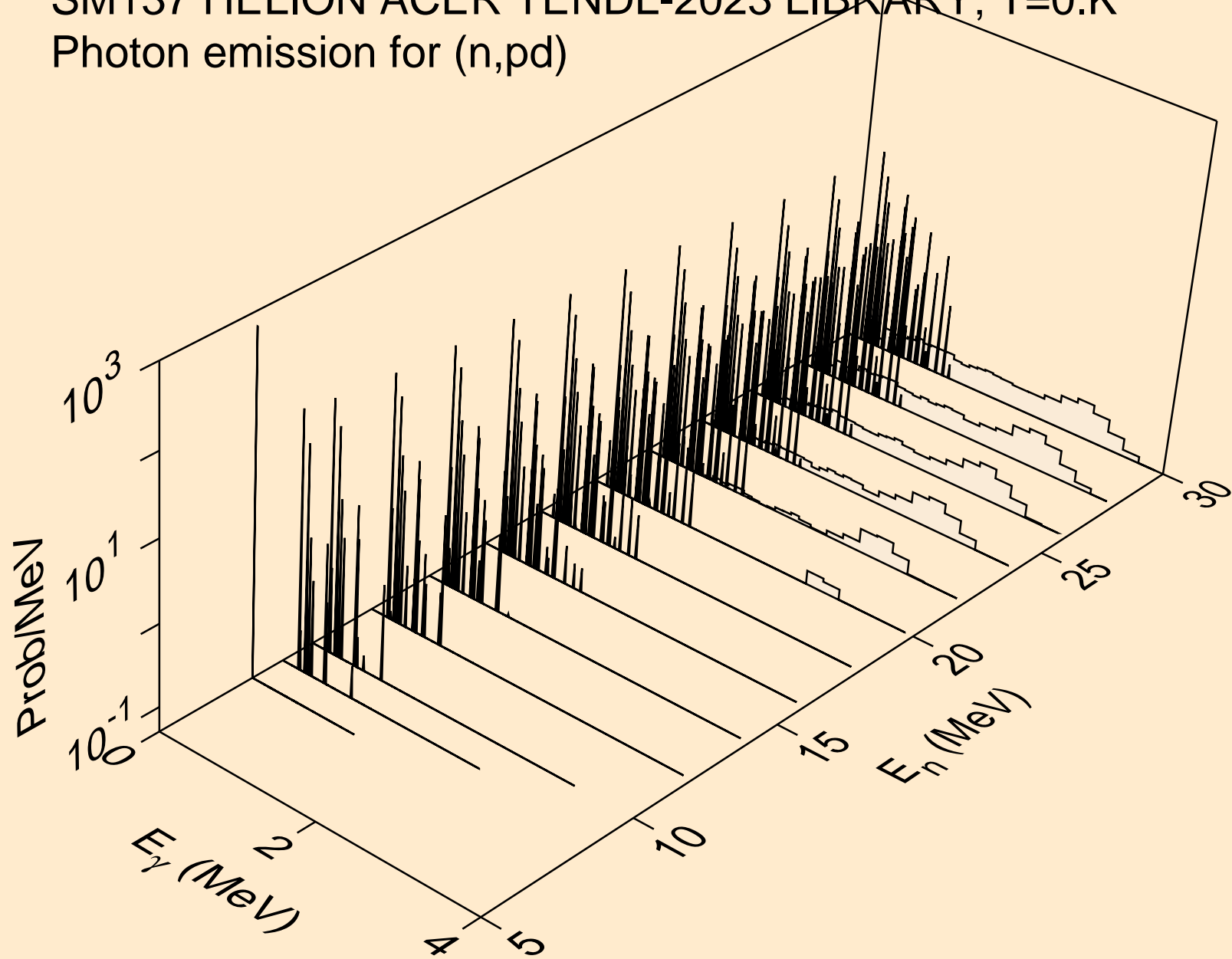


SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)

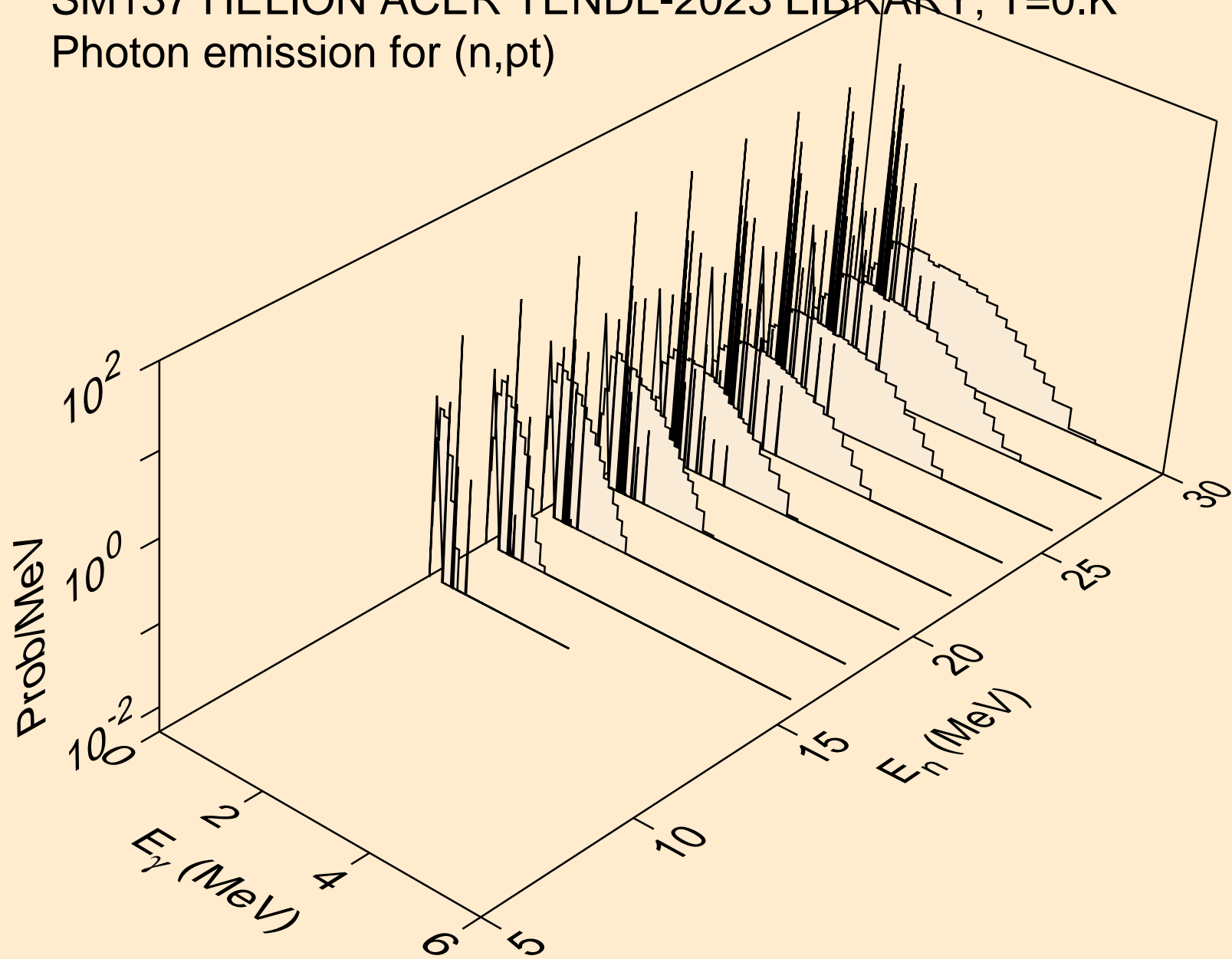




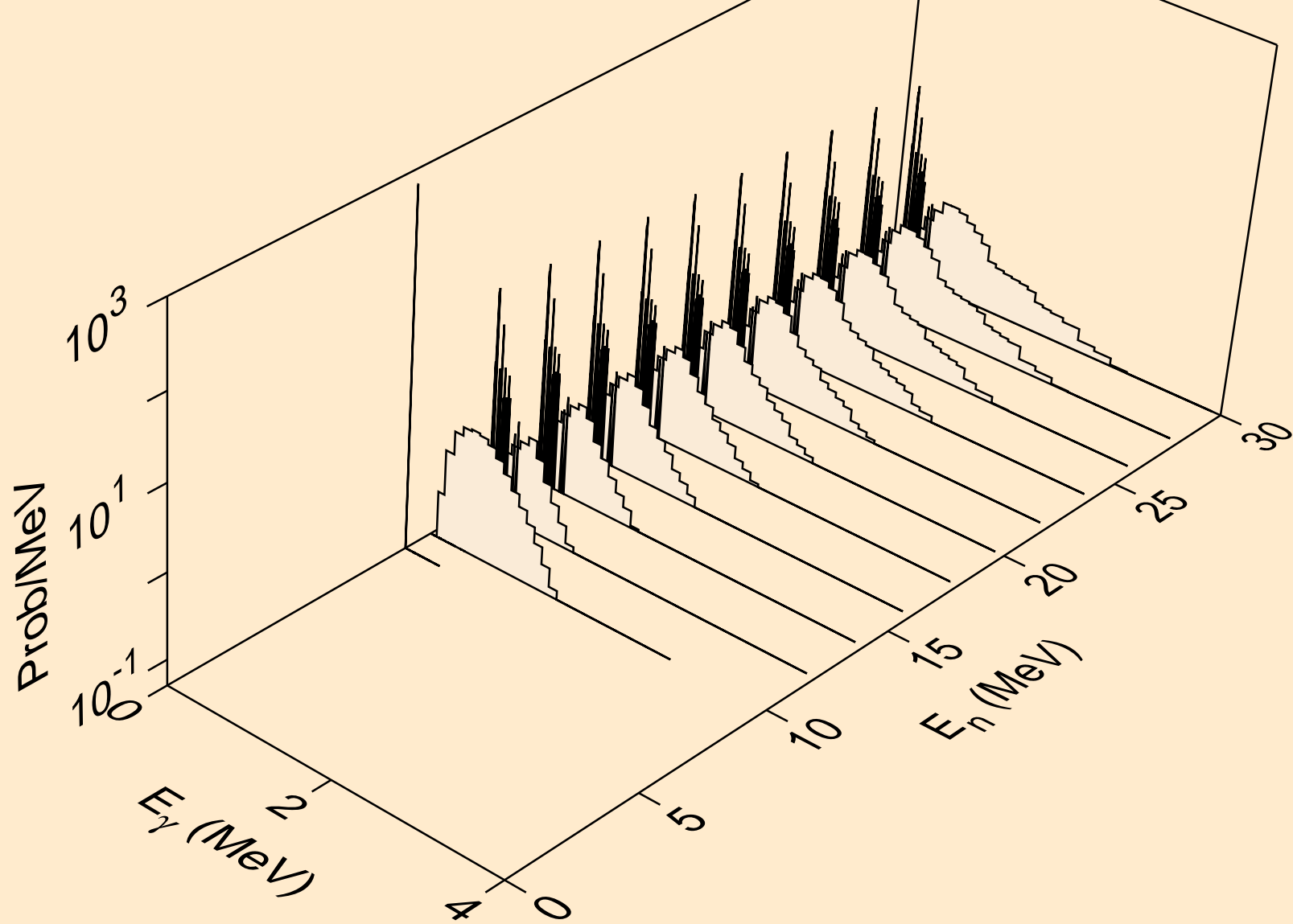
SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)

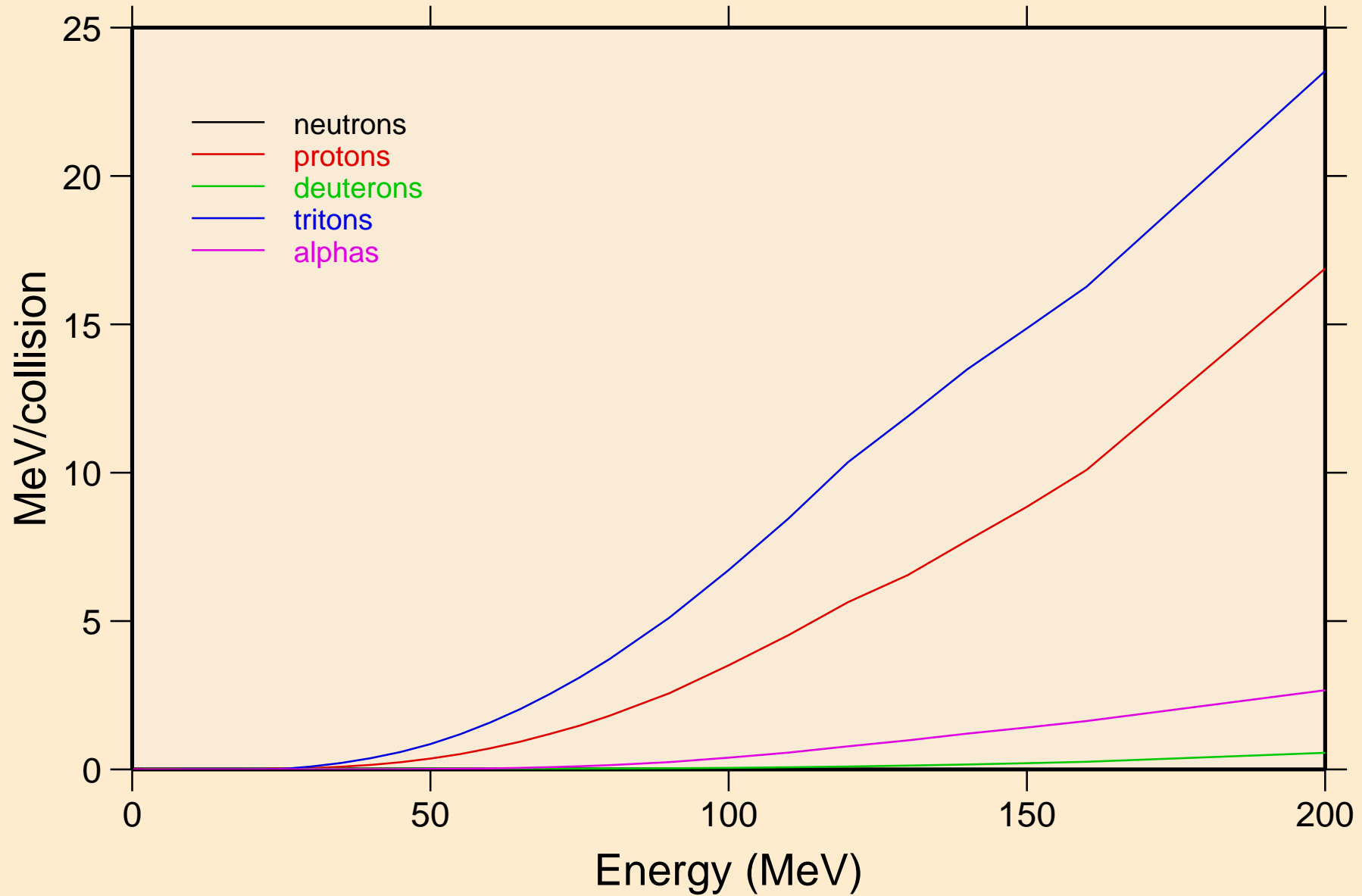


SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)

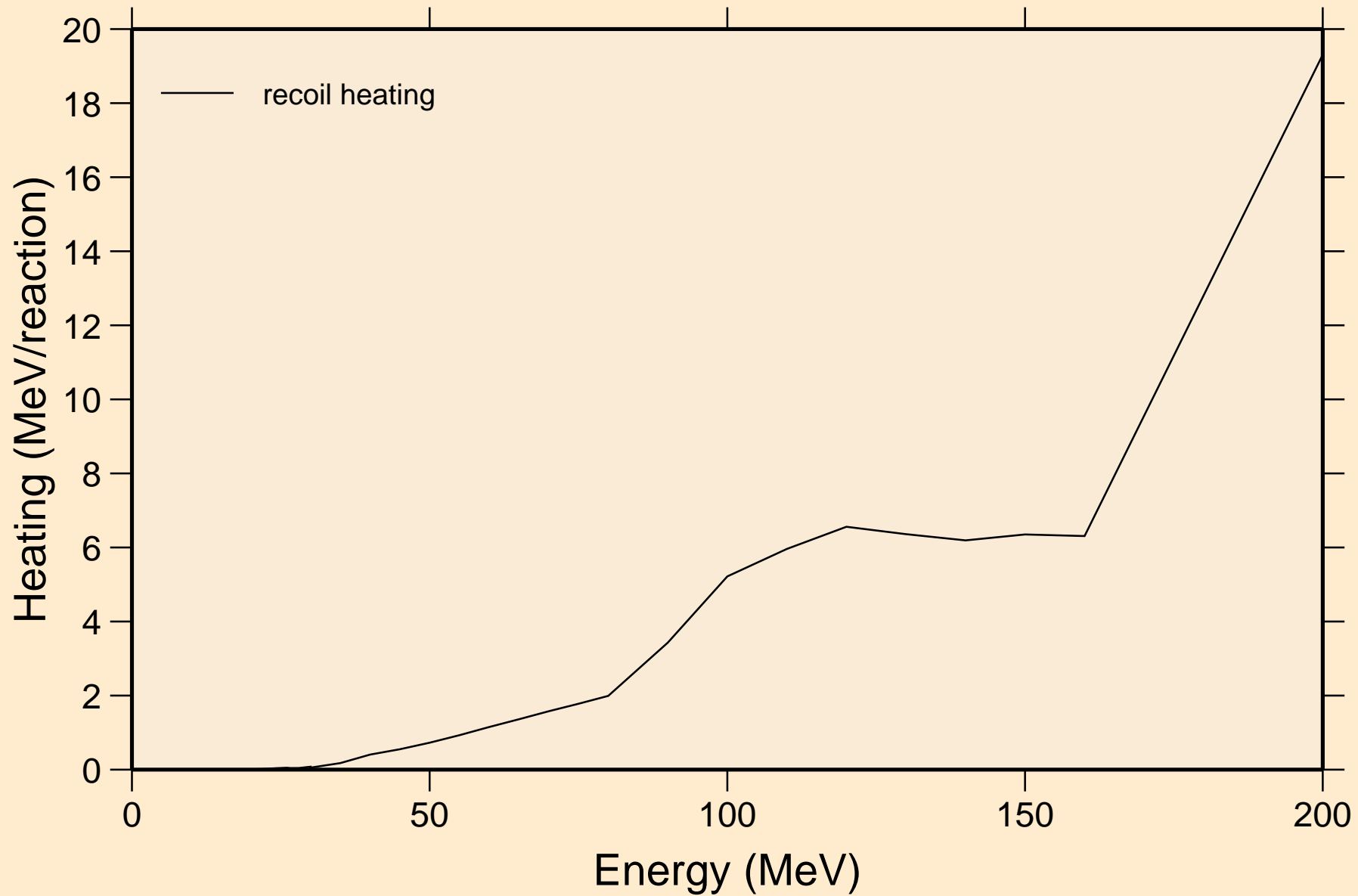


# SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K

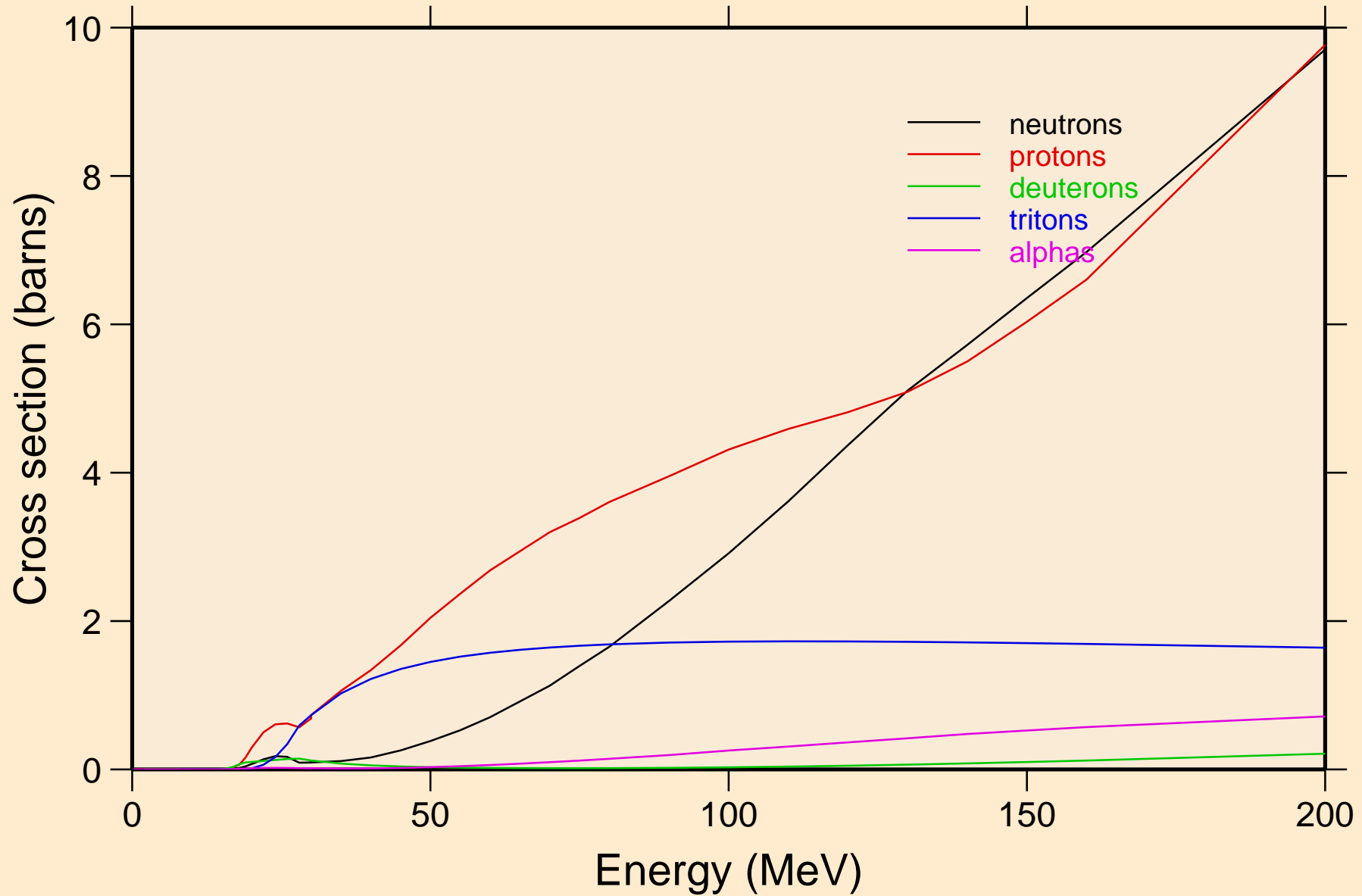
## Particle heating contributions



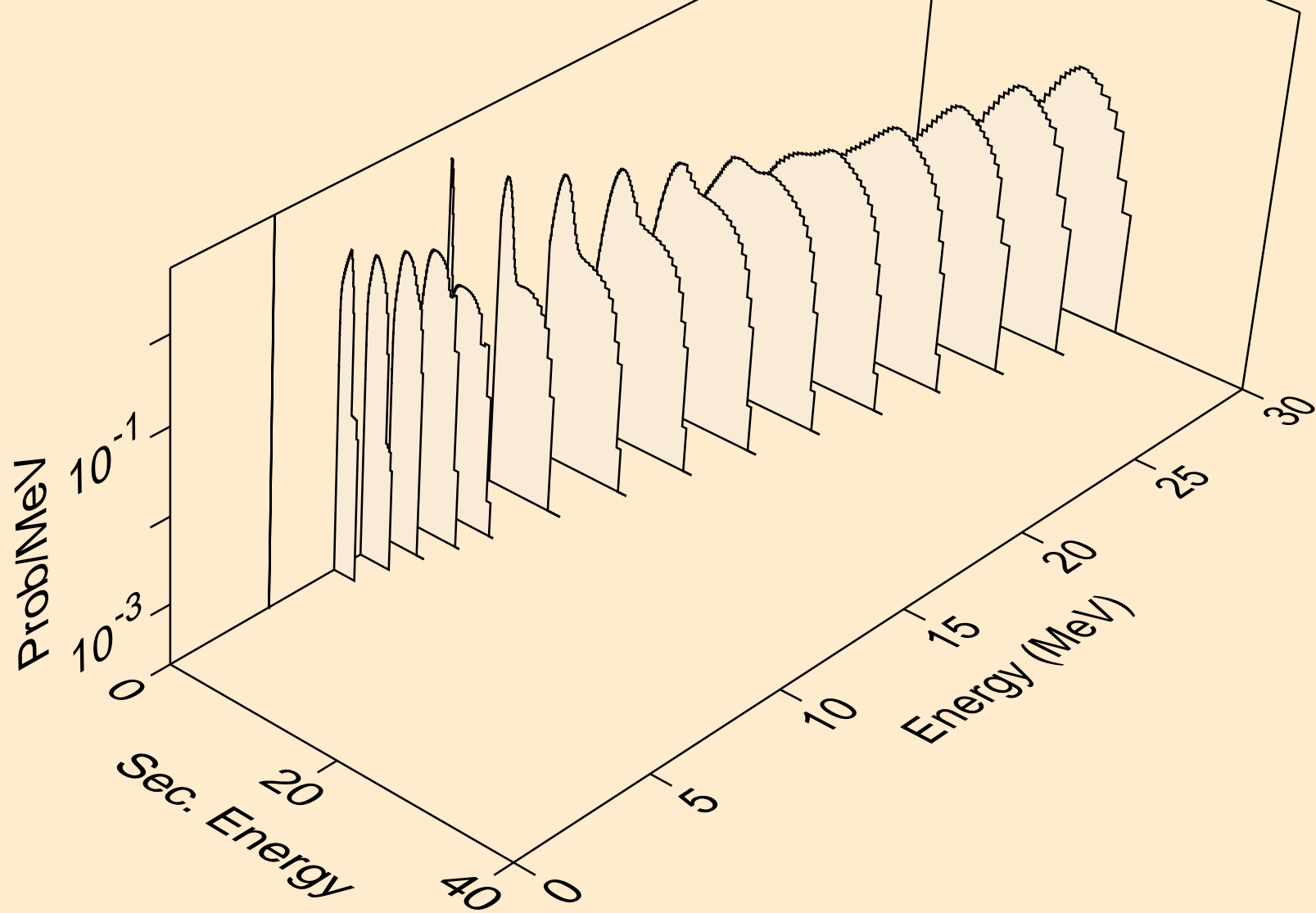
SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



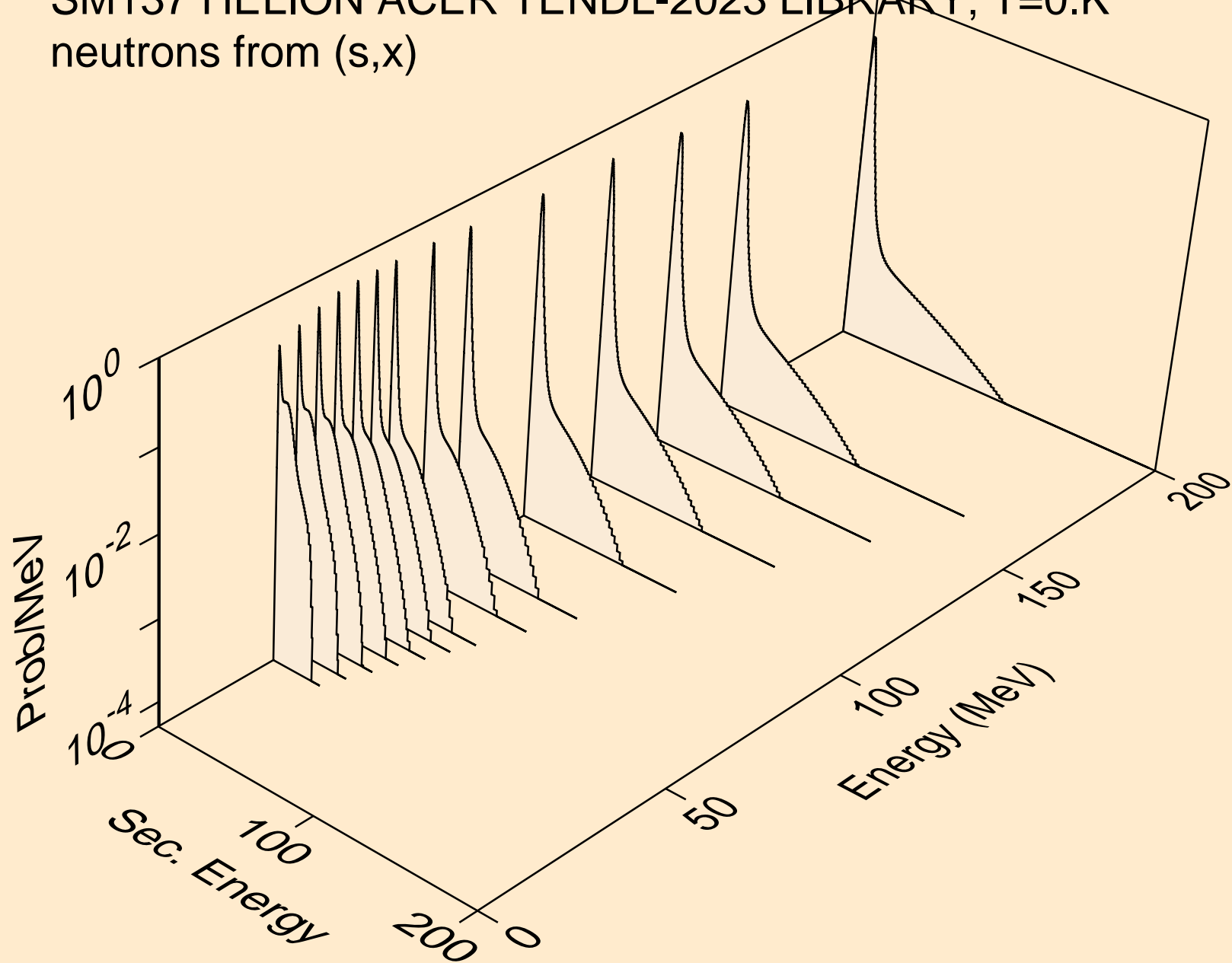
SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n)

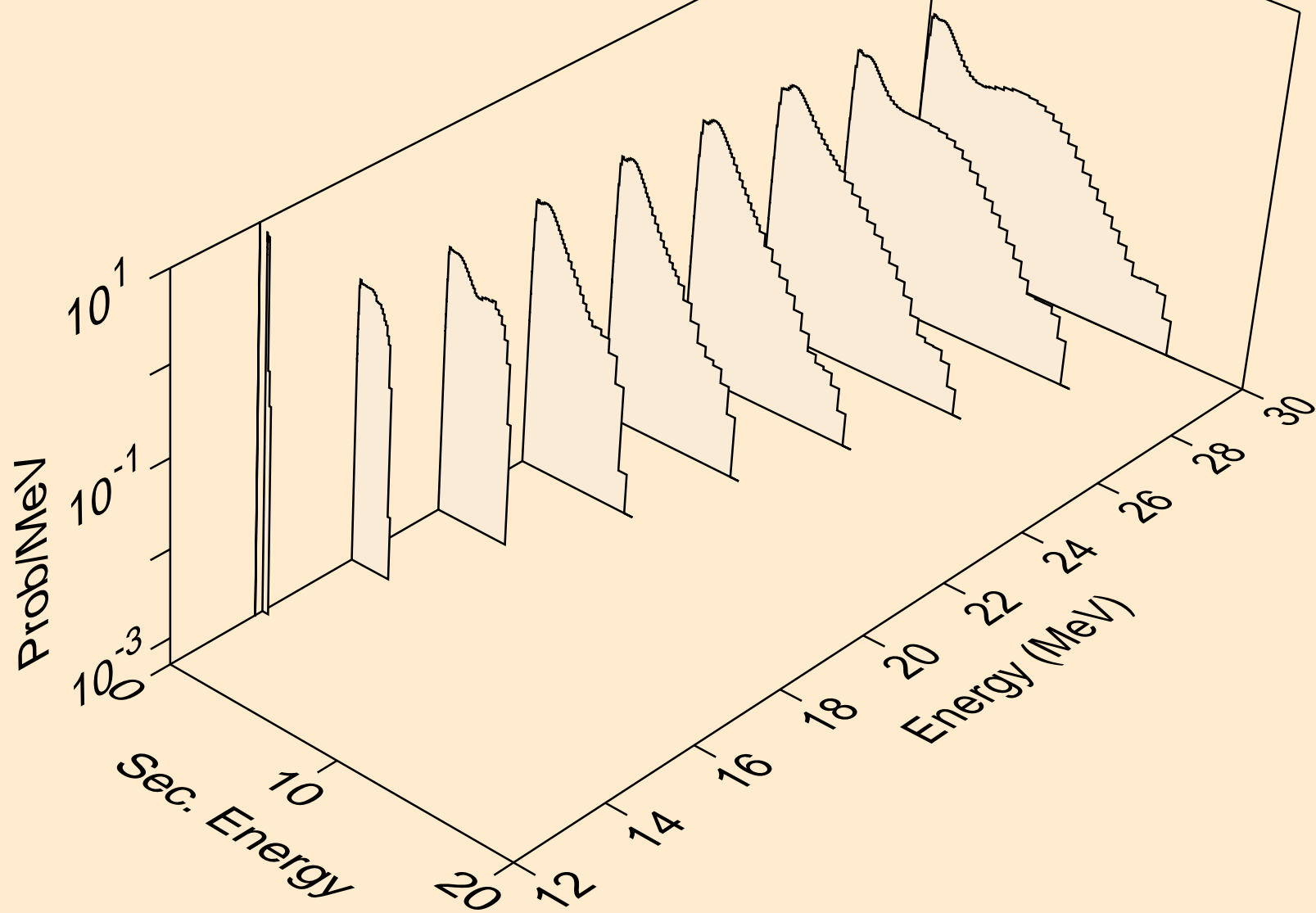


SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,x)

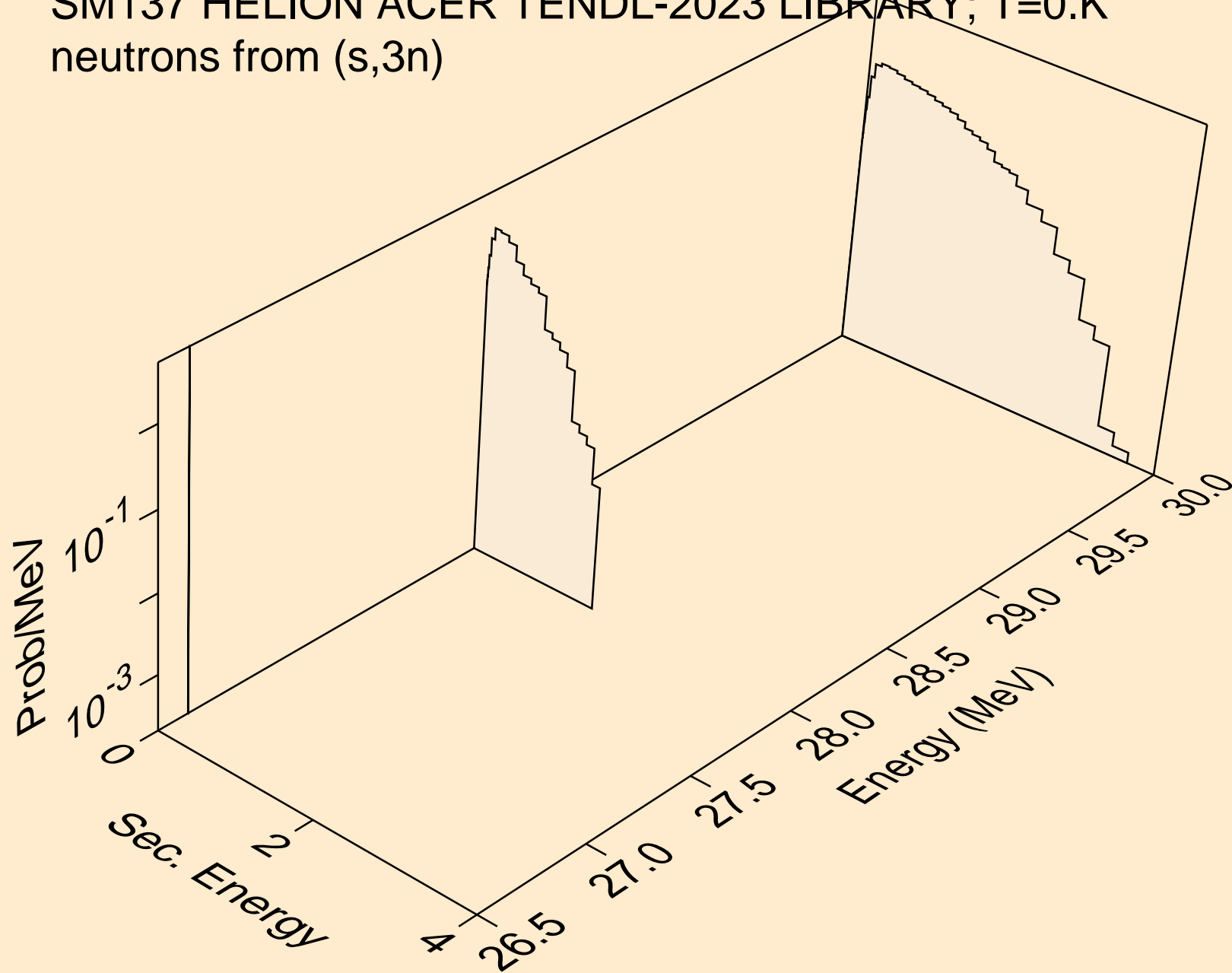




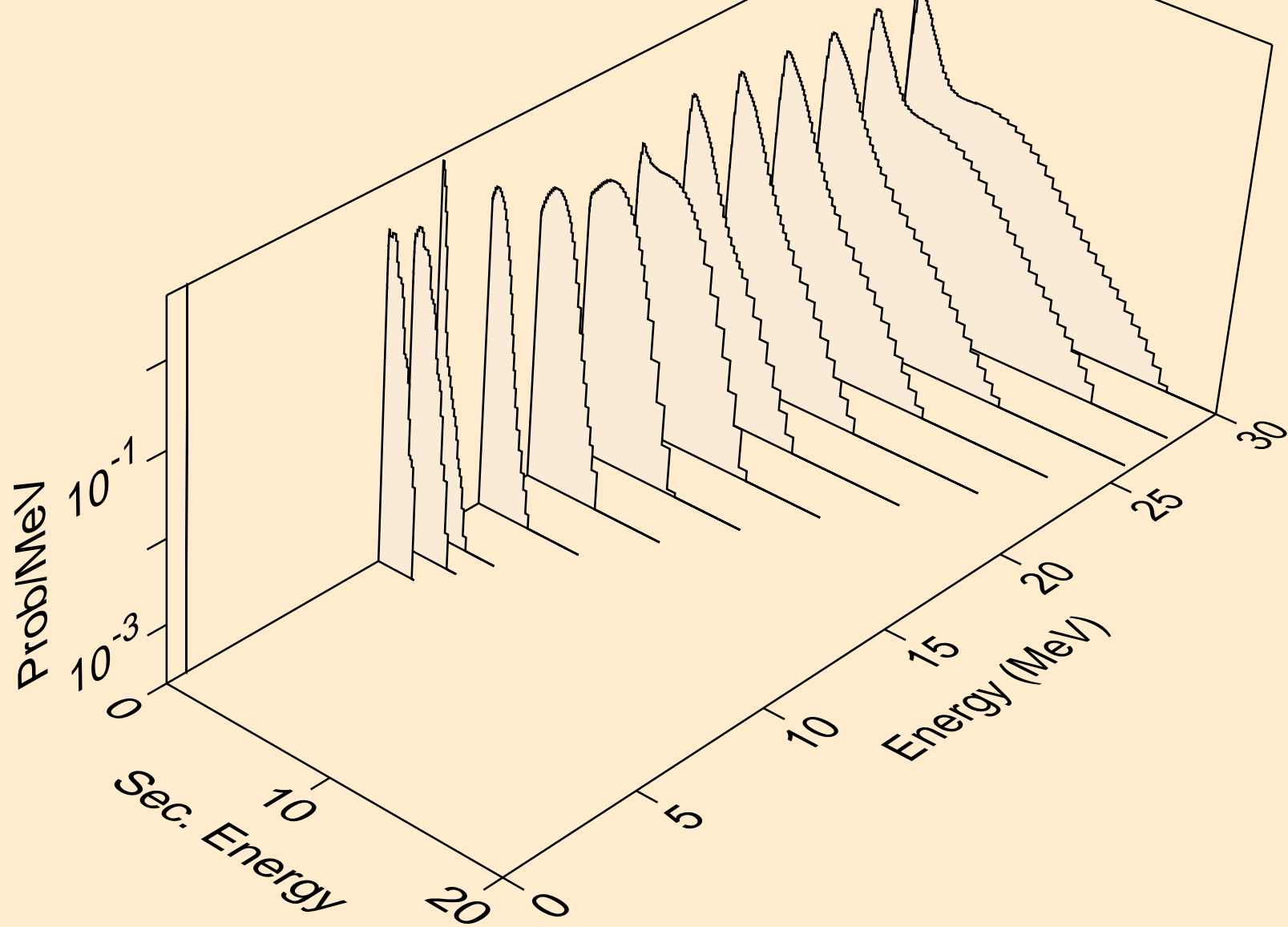
SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)



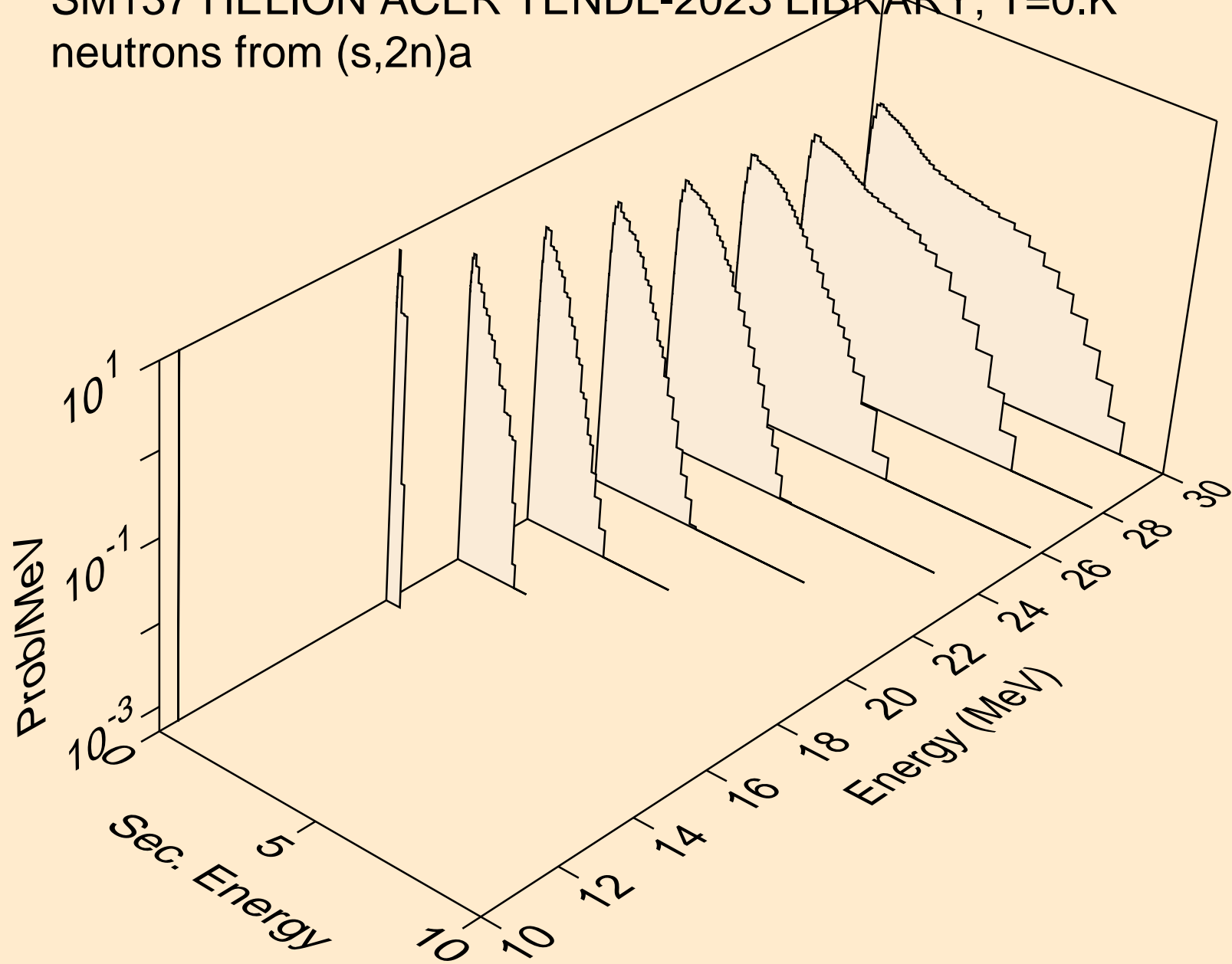
SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3n)



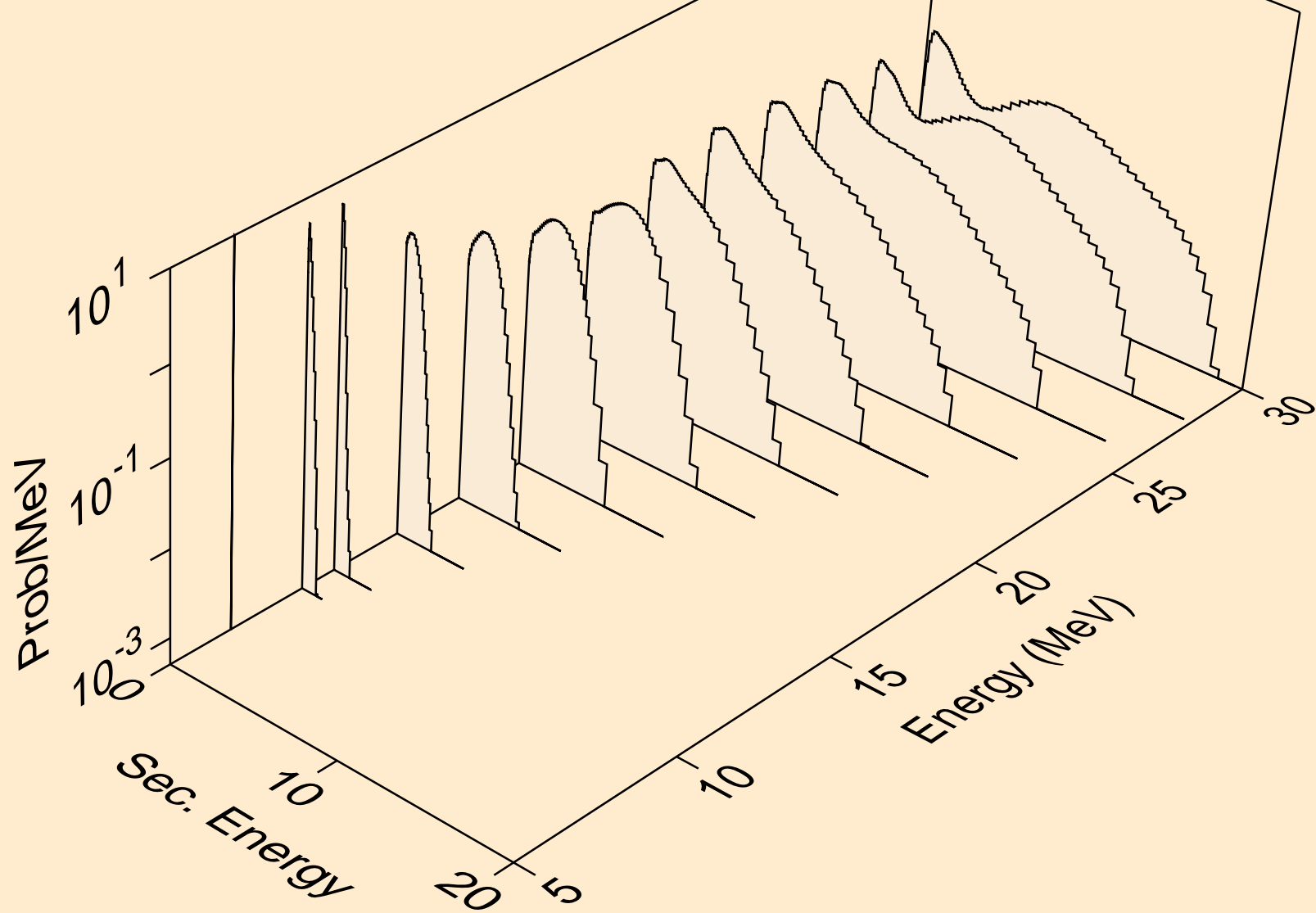
SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)a



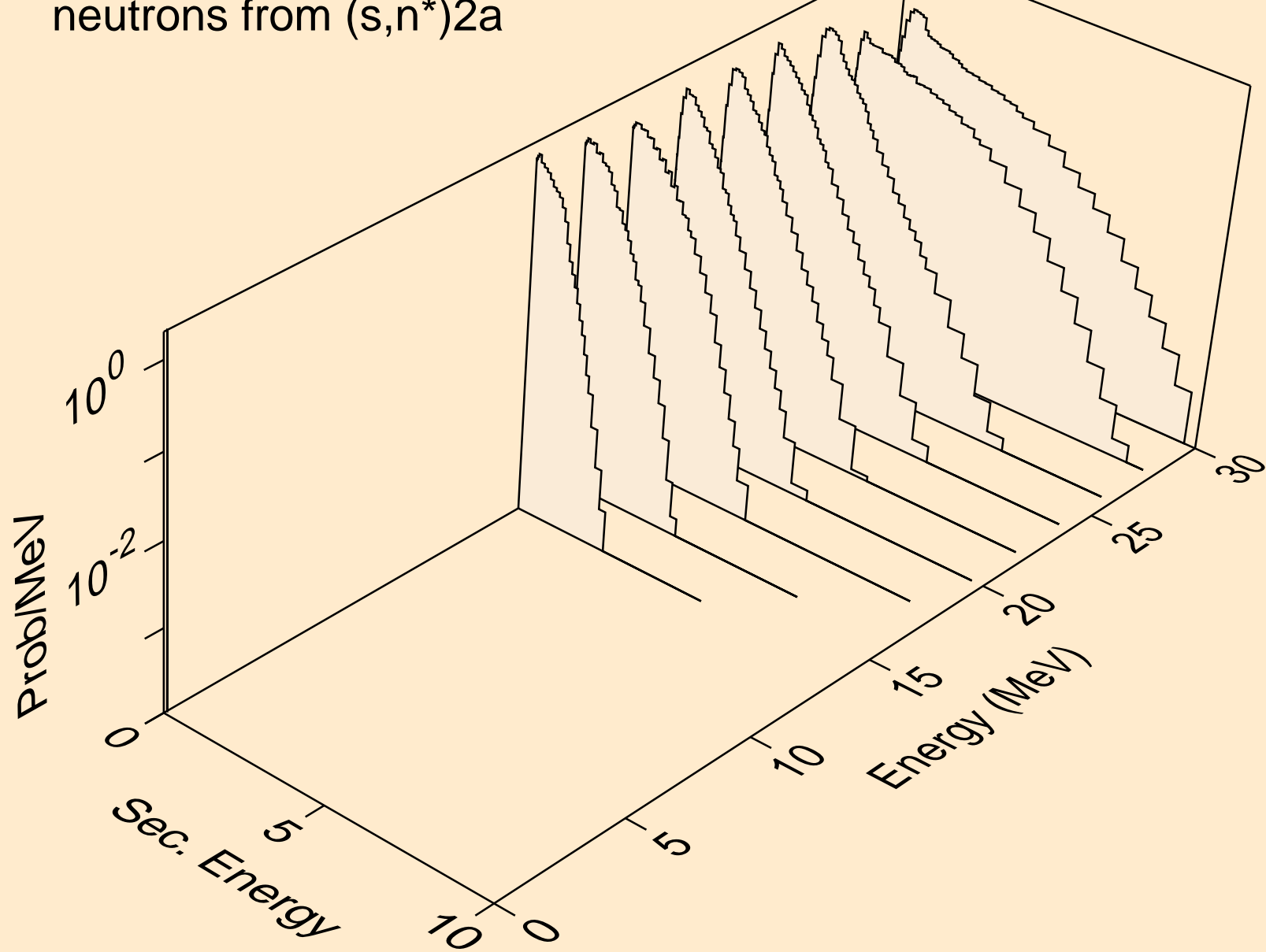
SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)a



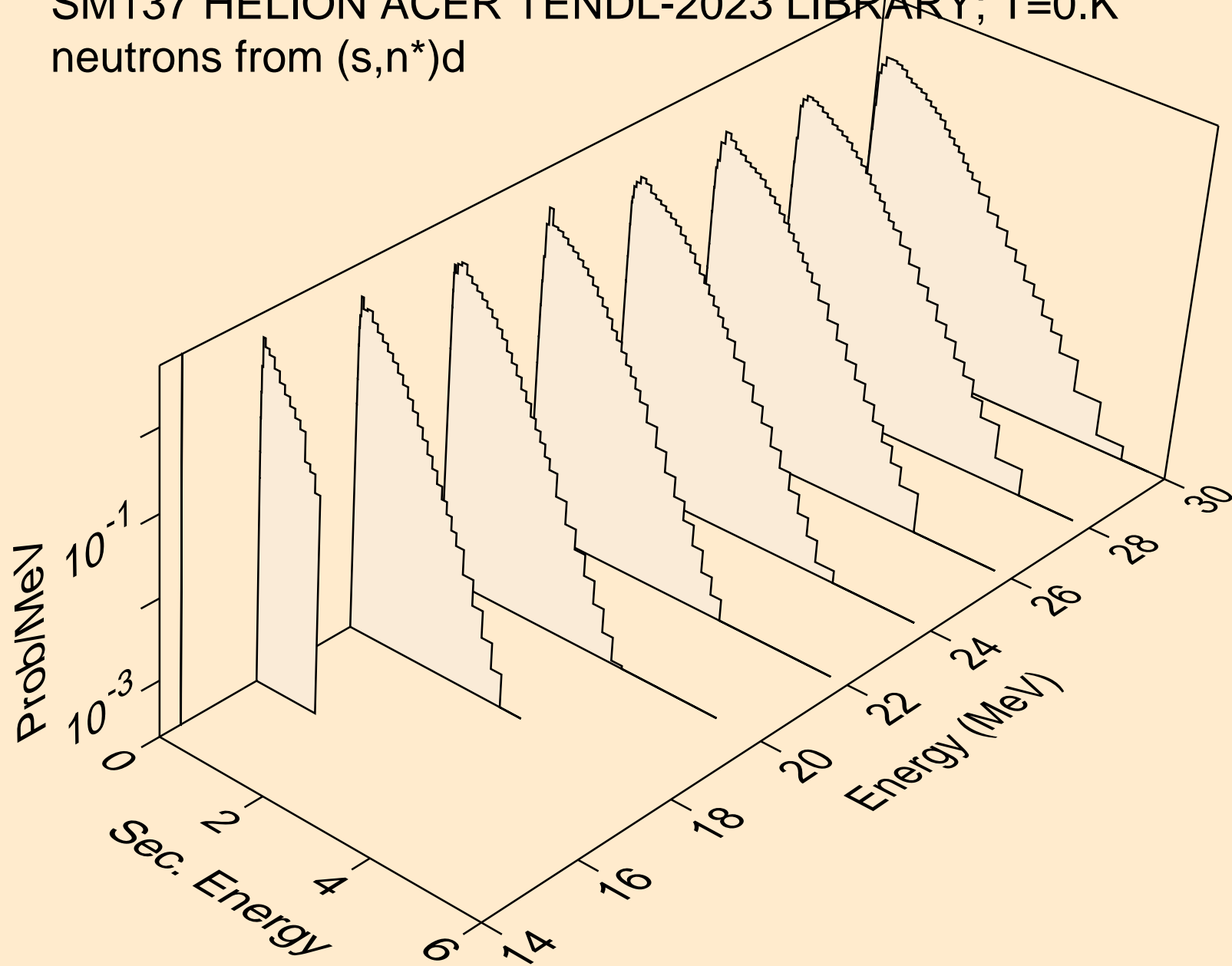
SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)p



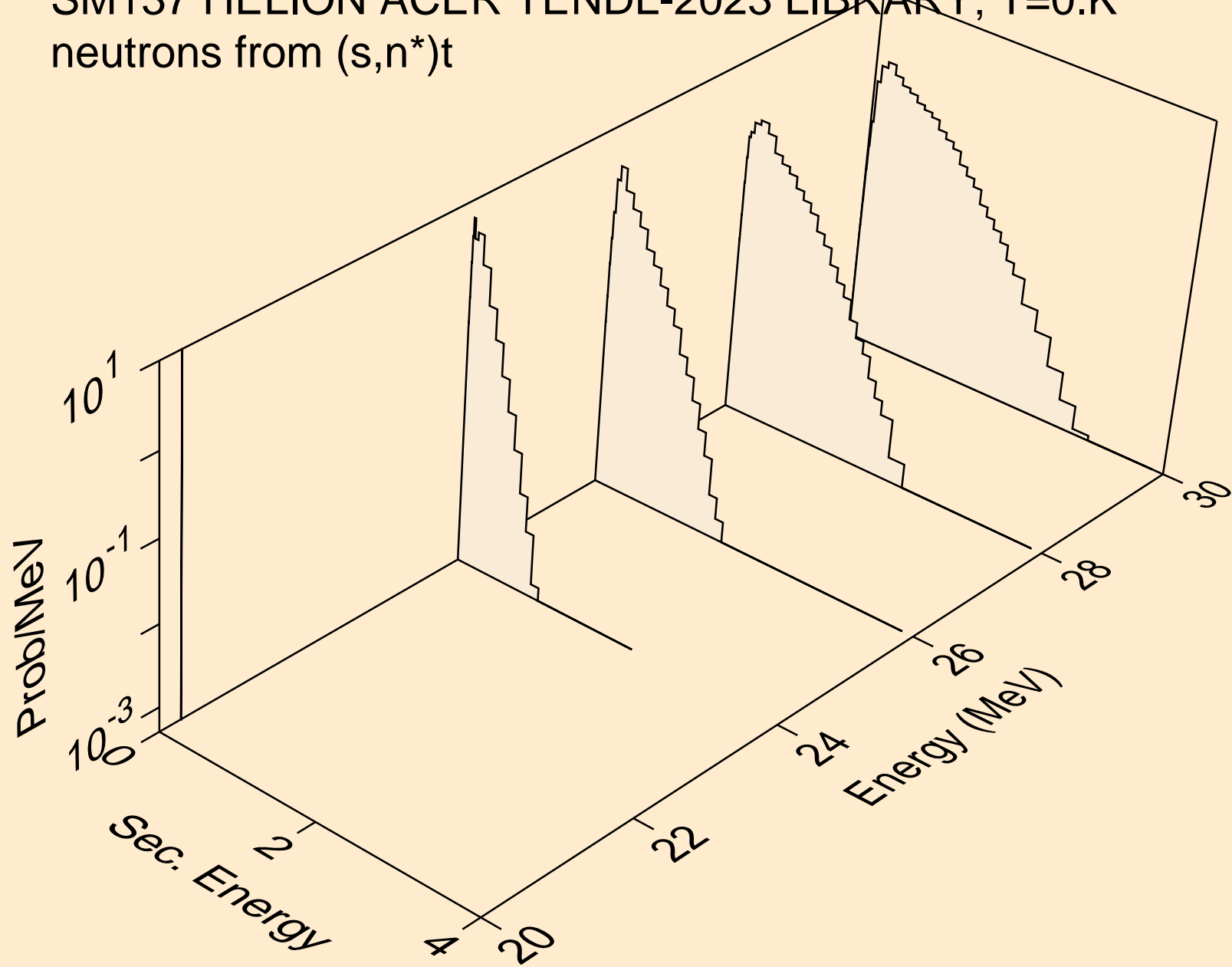
SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)2a



SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)d

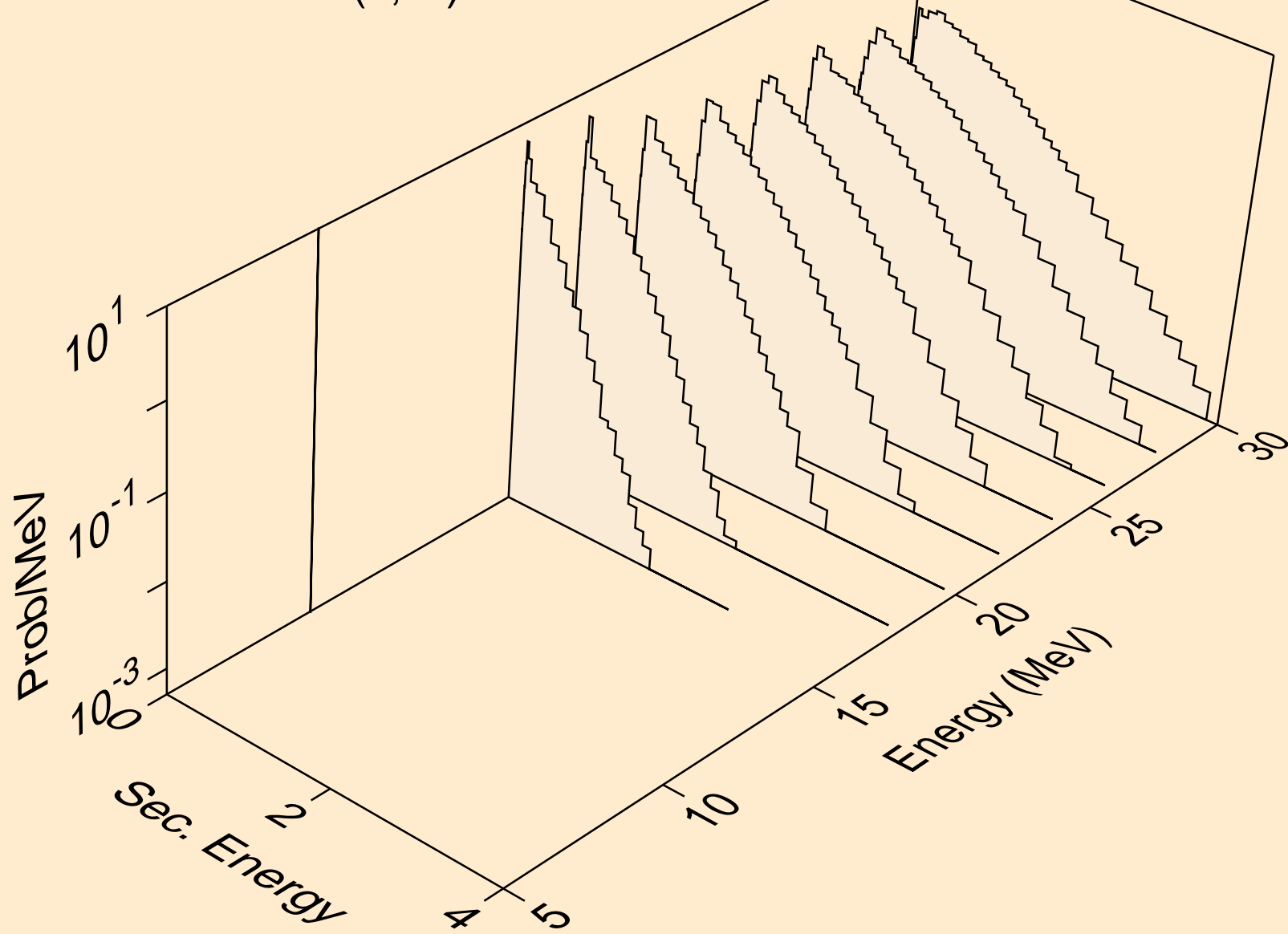


SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)t

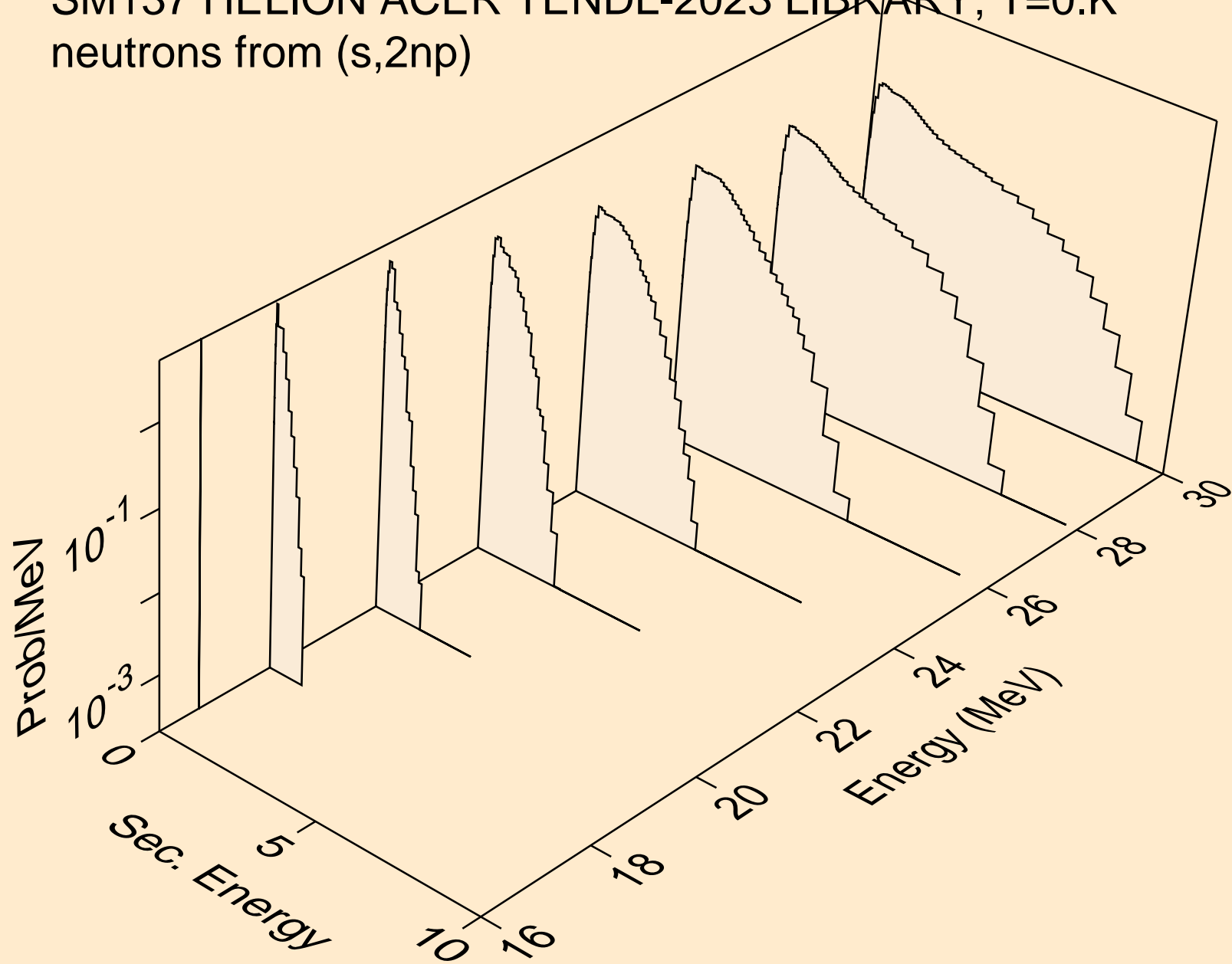




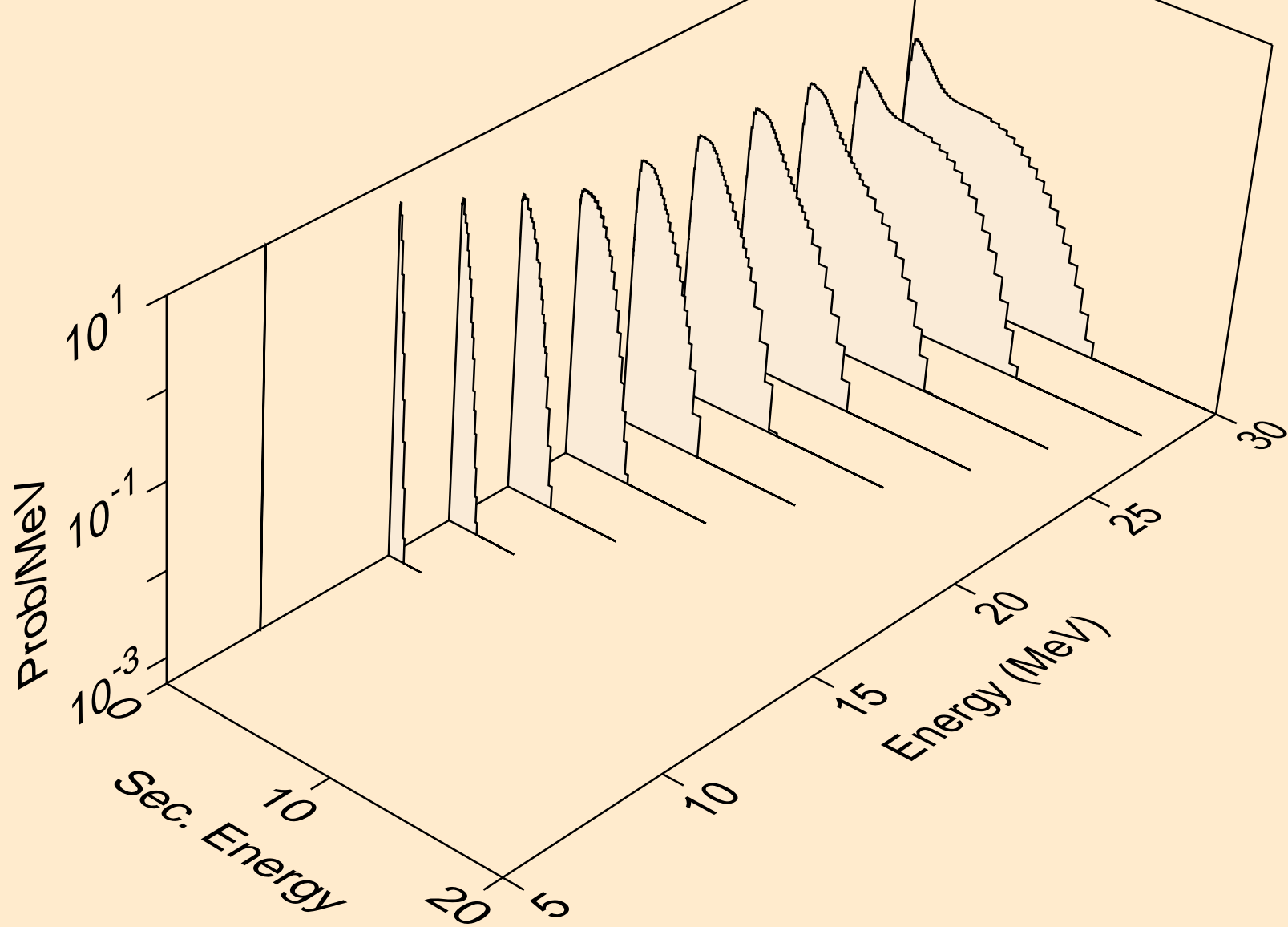
SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



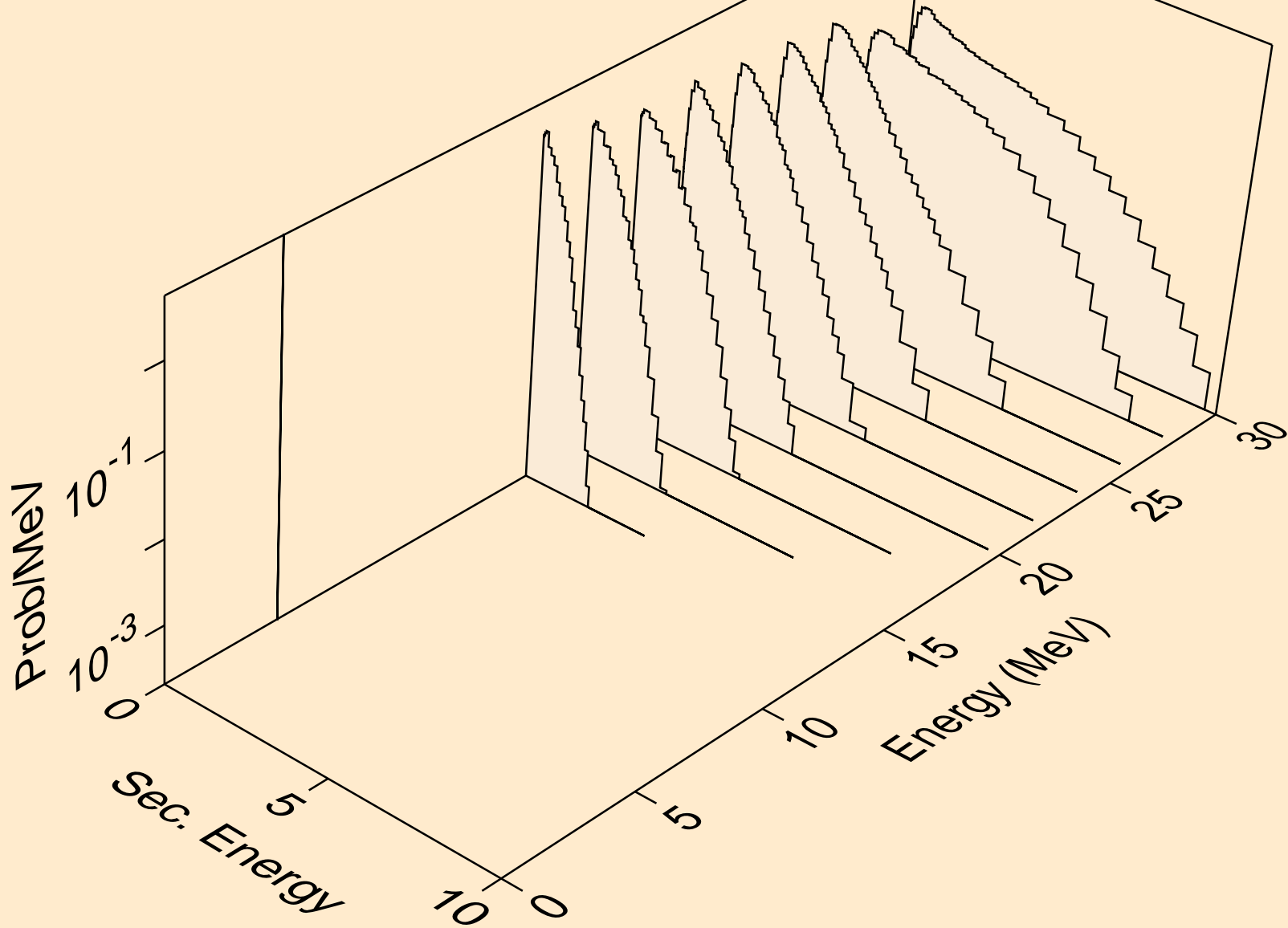
SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2np)



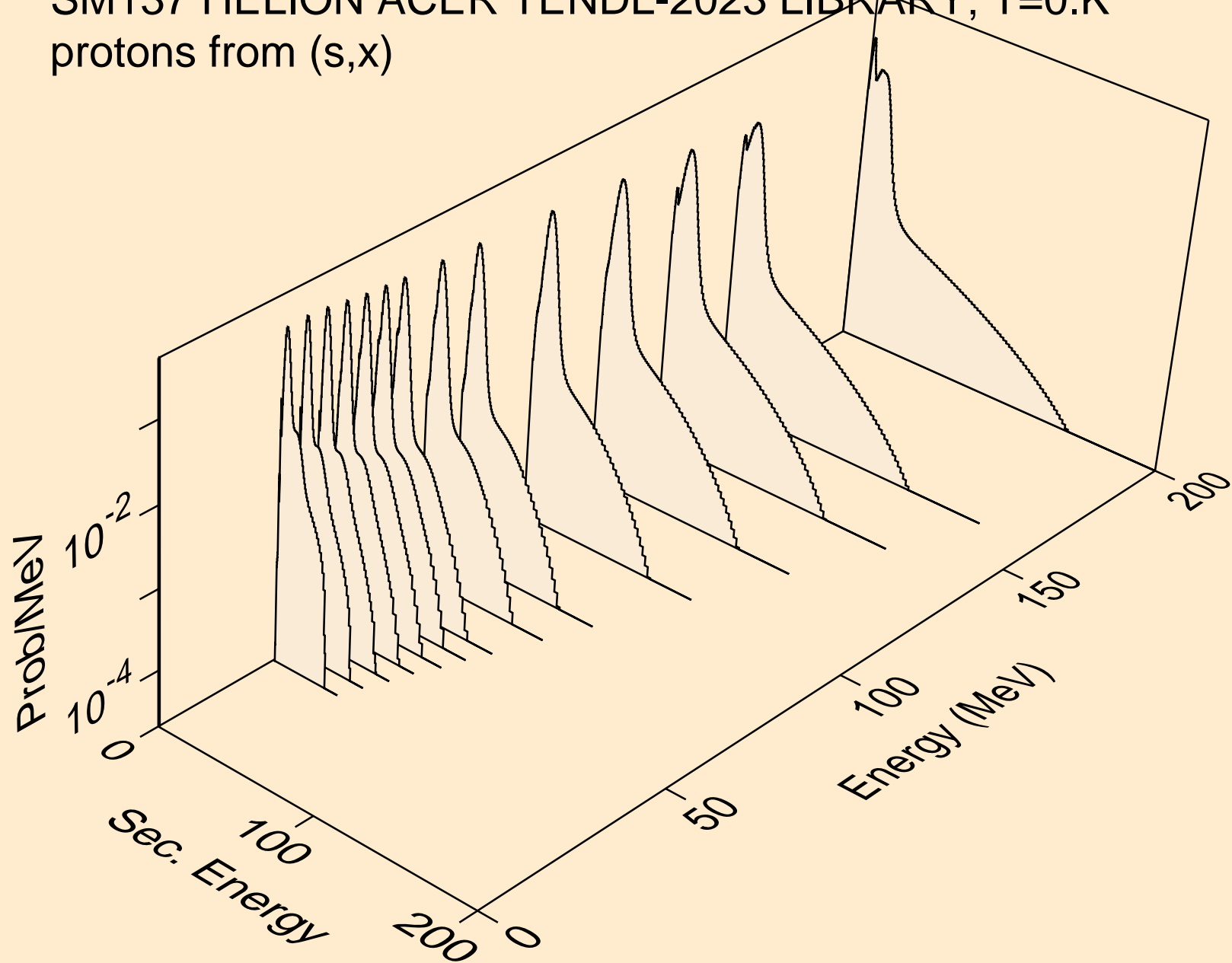
SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n2p)



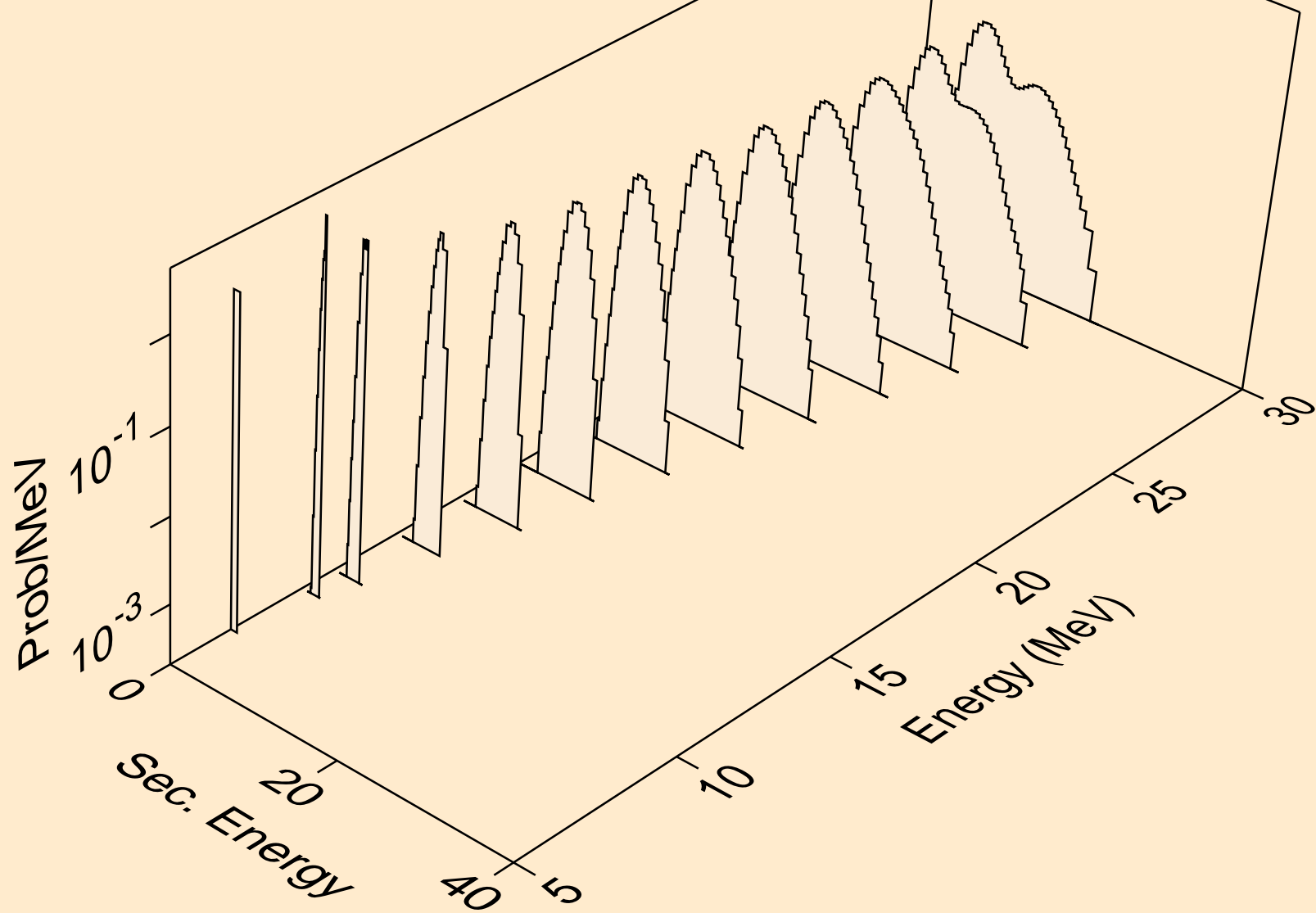
SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,npa)



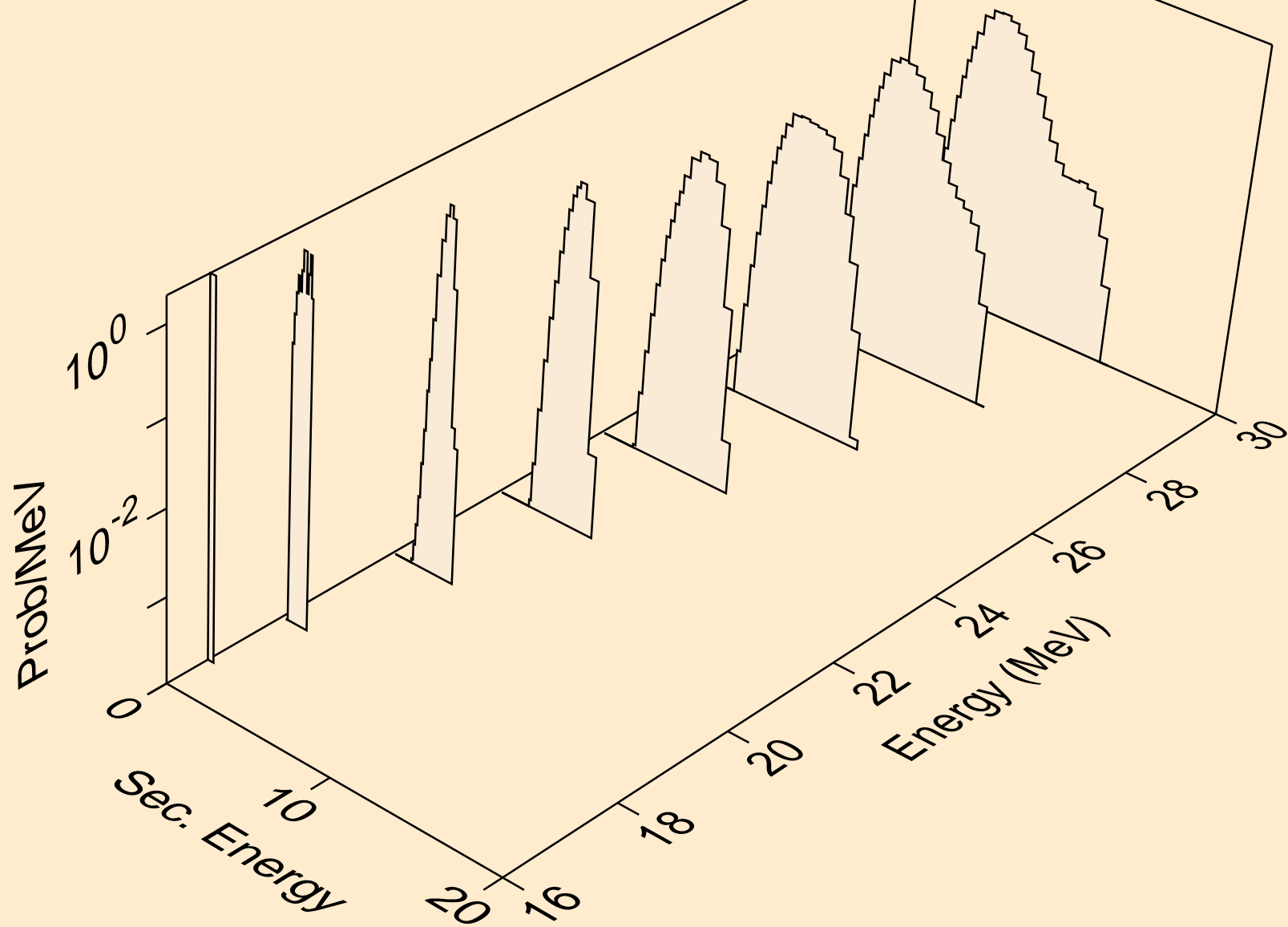
SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,x)



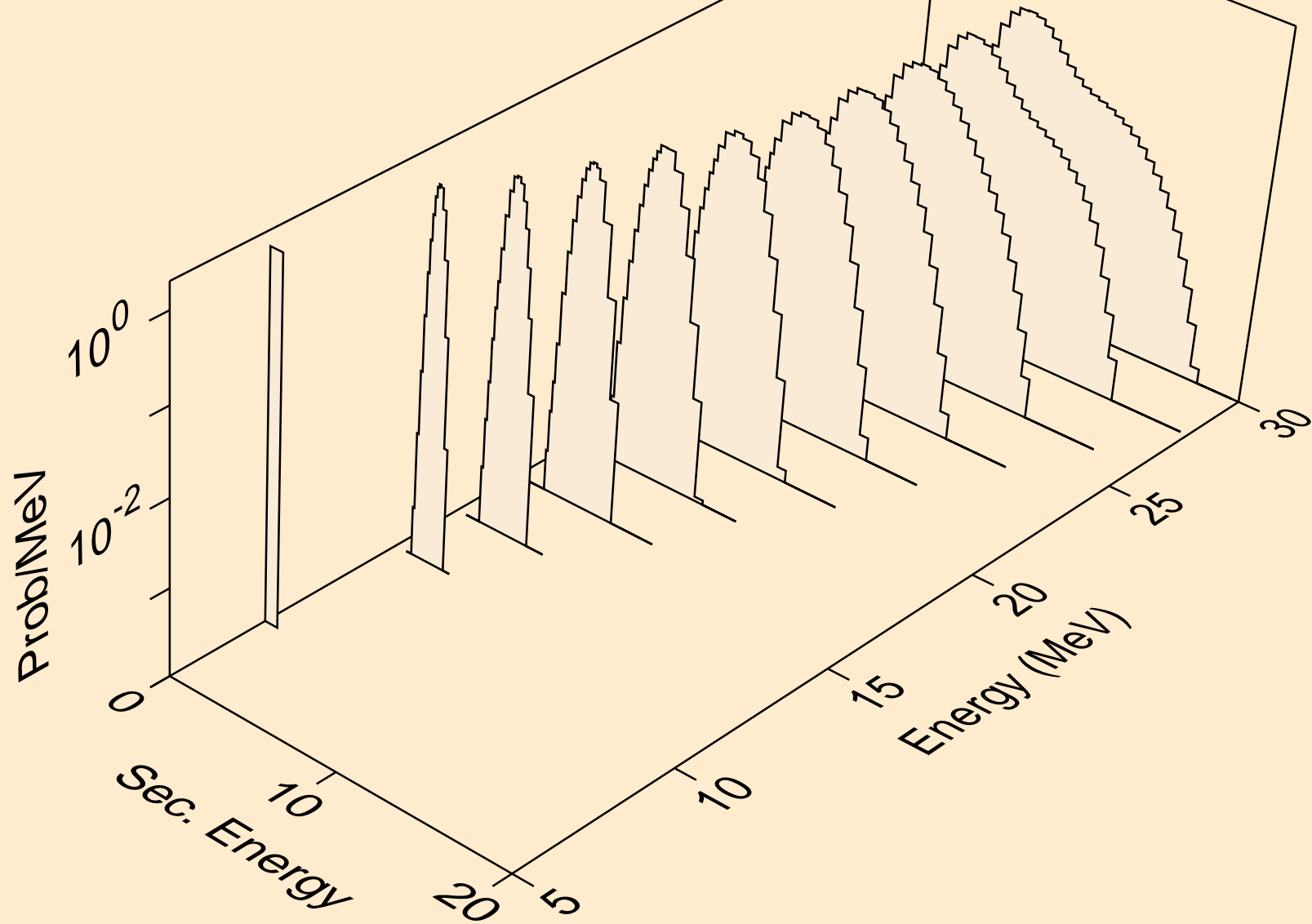
SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,n\*)p



SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,2np)

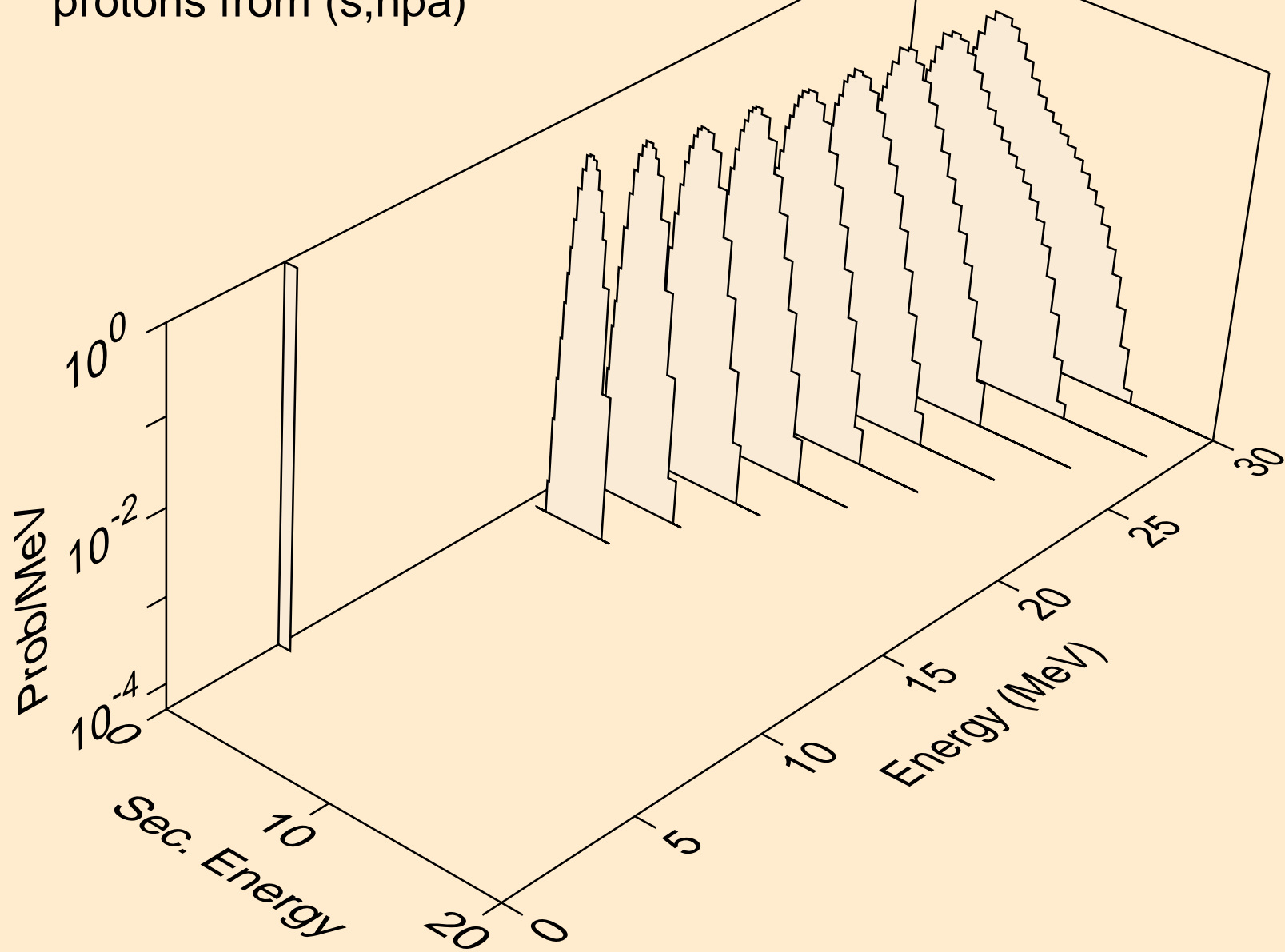


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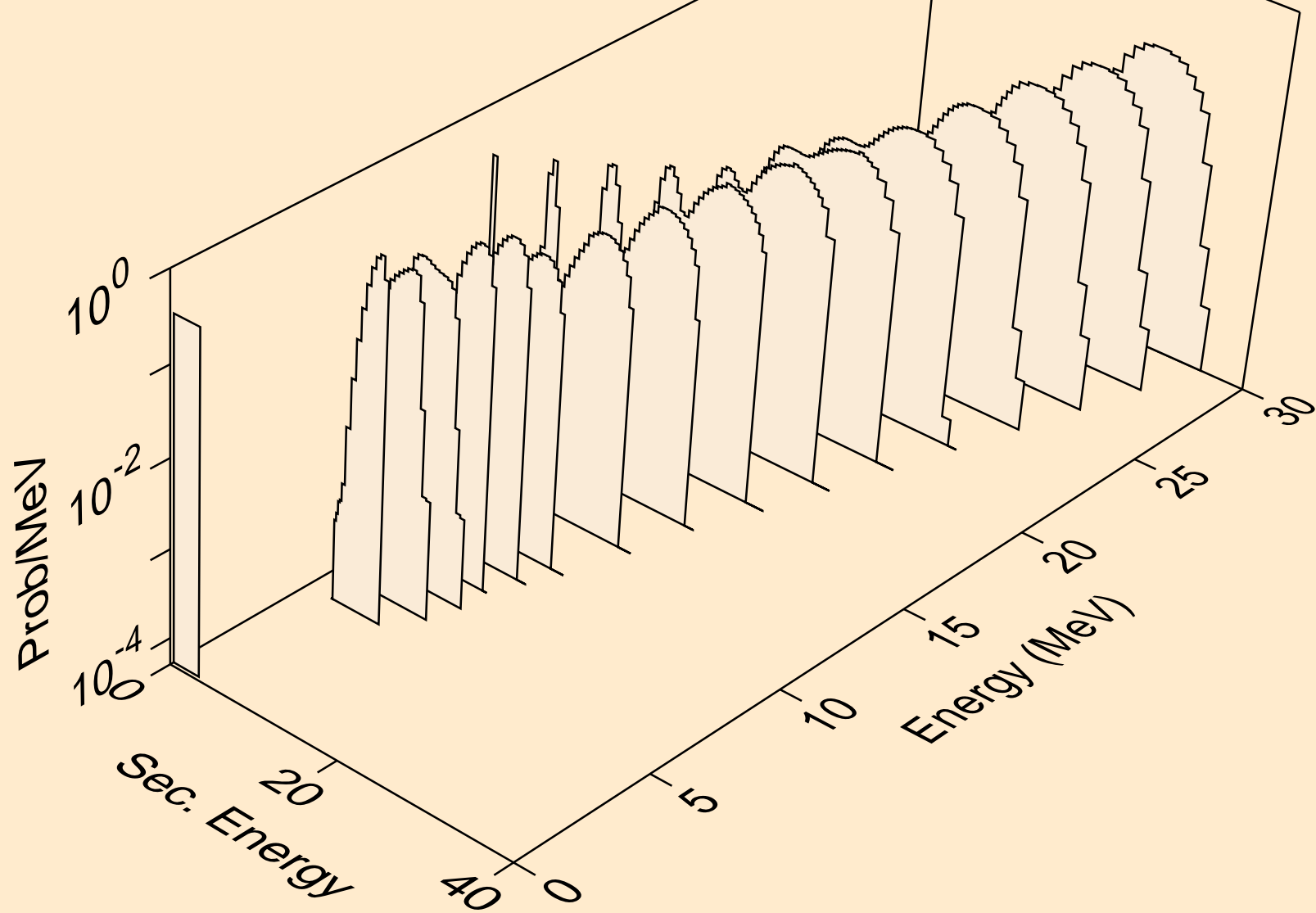




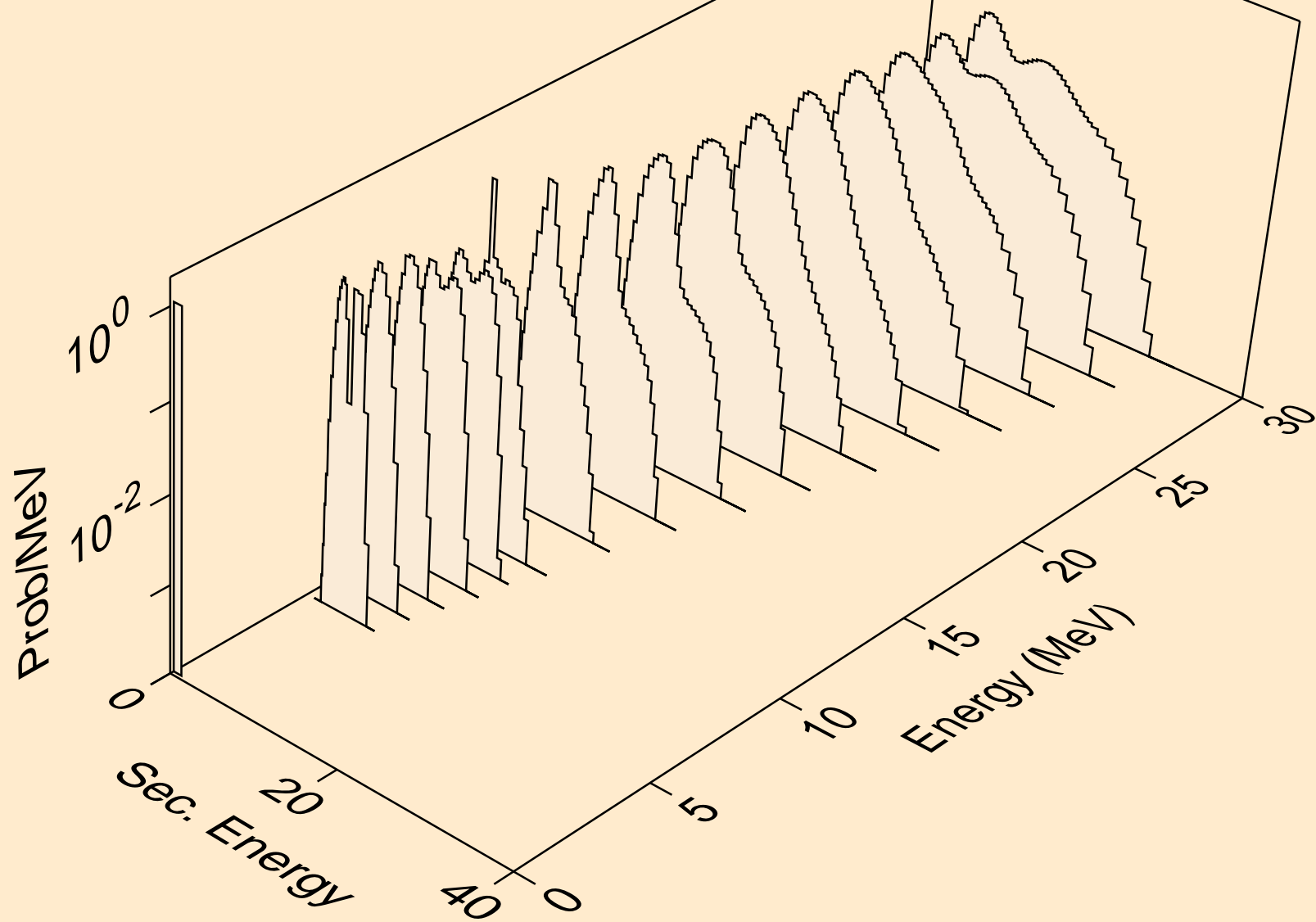
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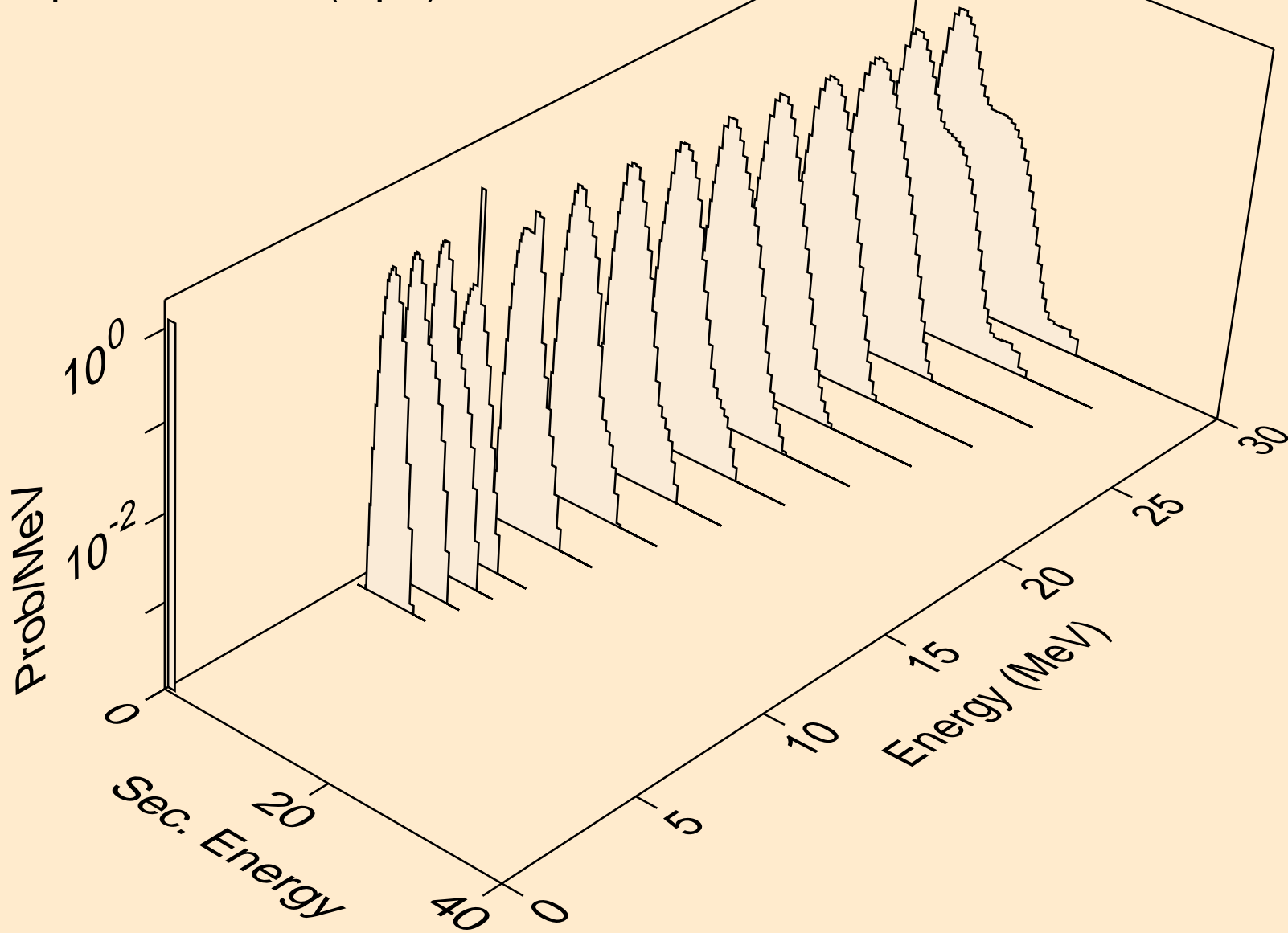
SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,p)



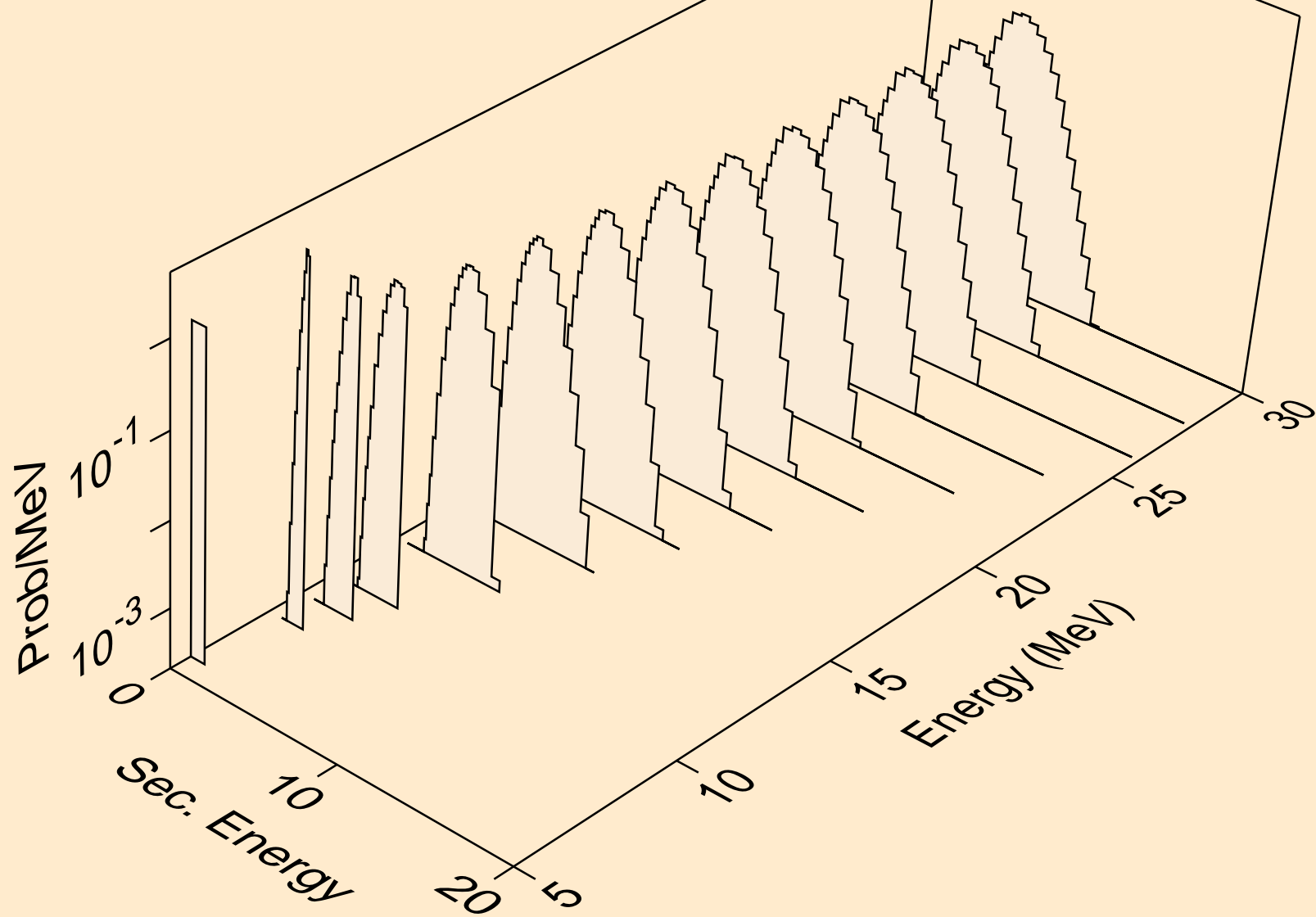
SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,2p)



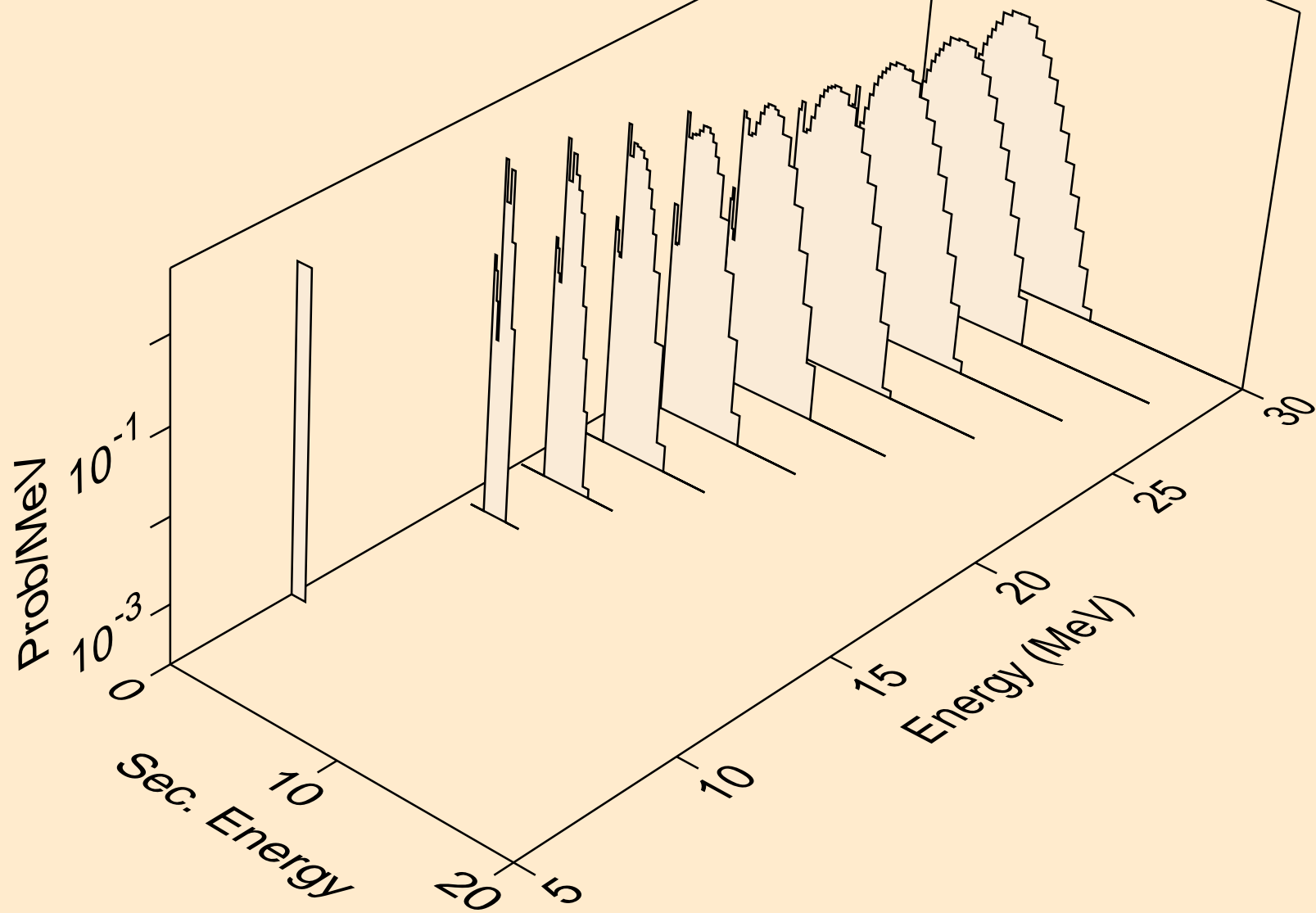
SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pa)



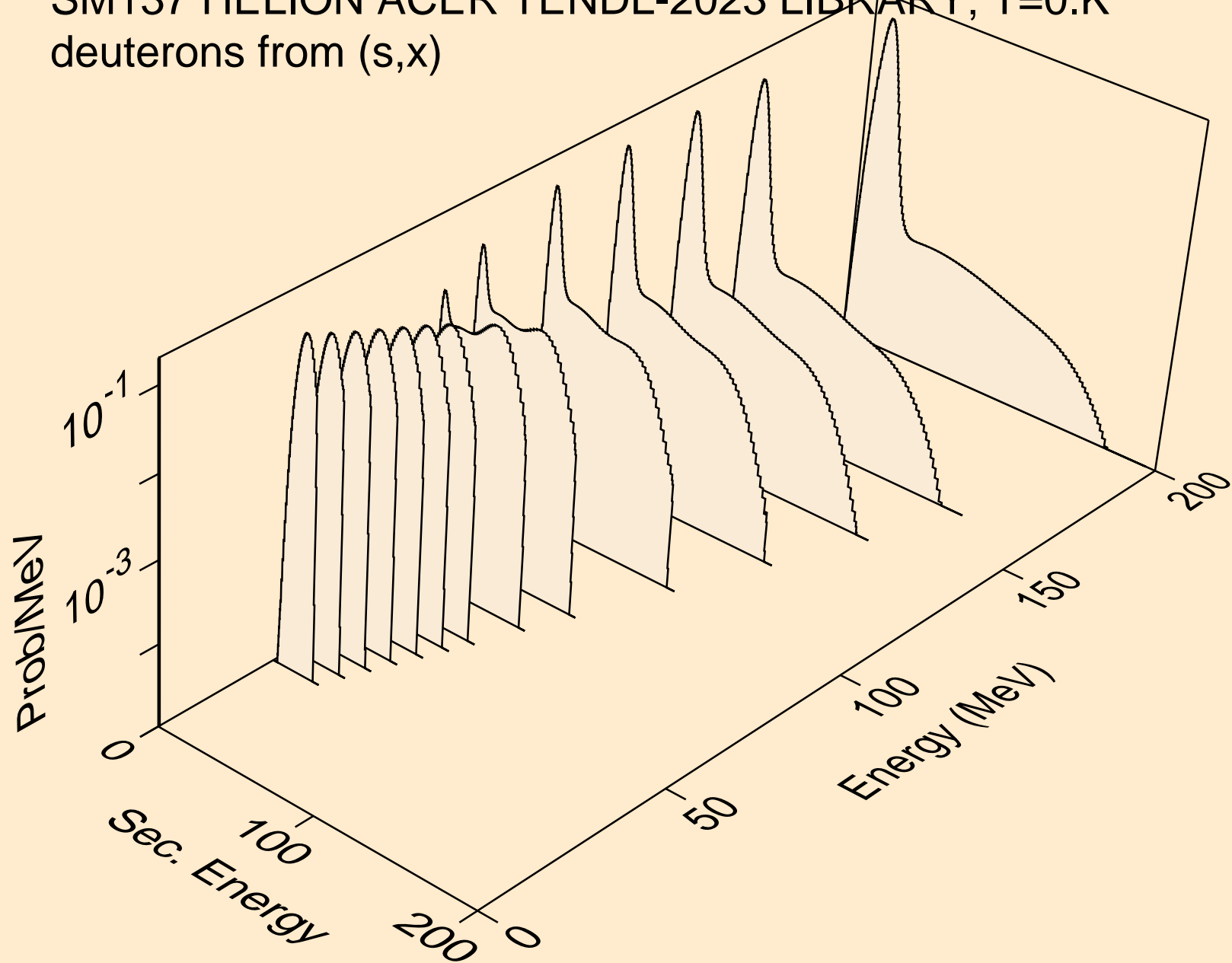
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protons from (s,pd)



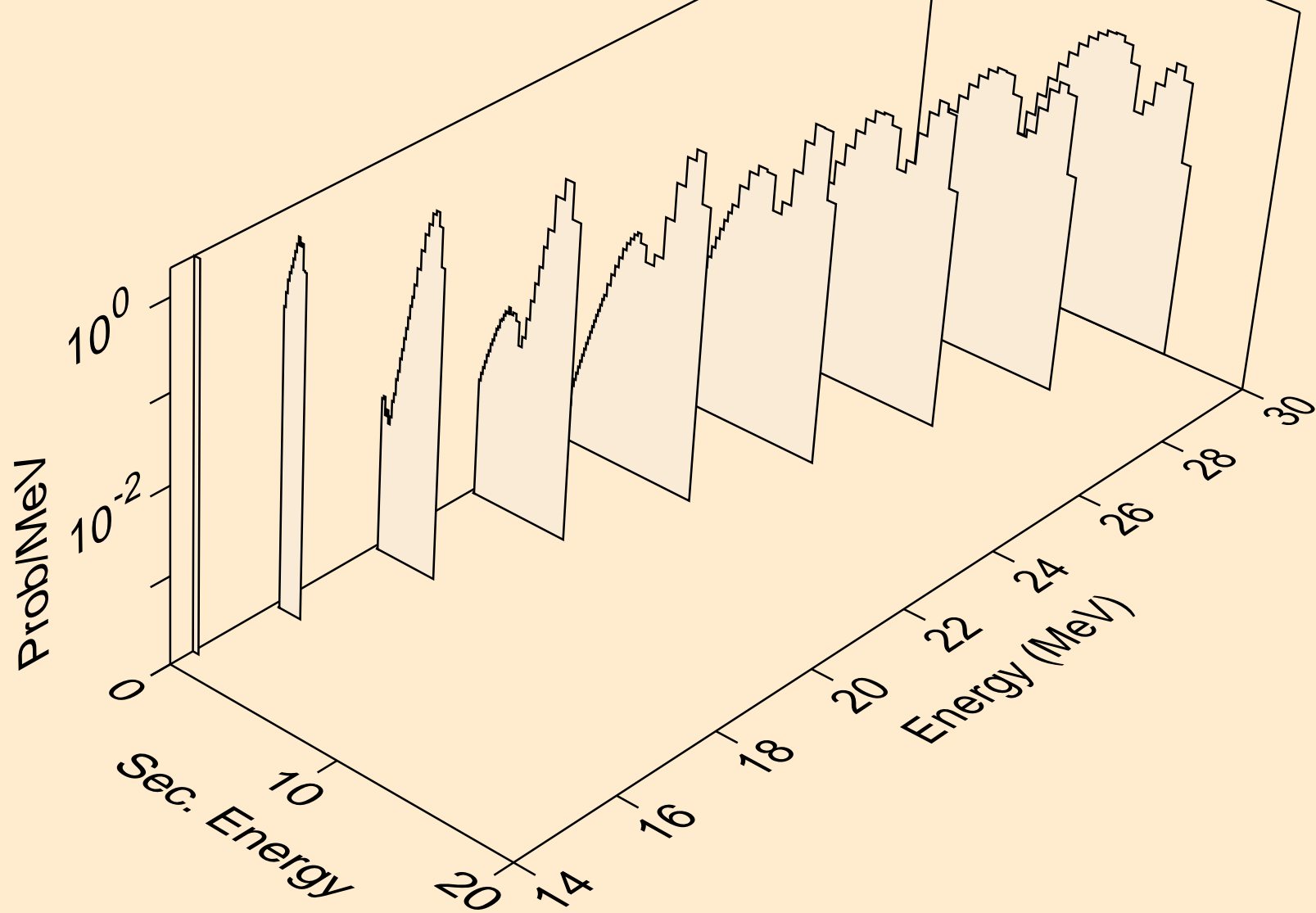
SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pt)



SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,x)

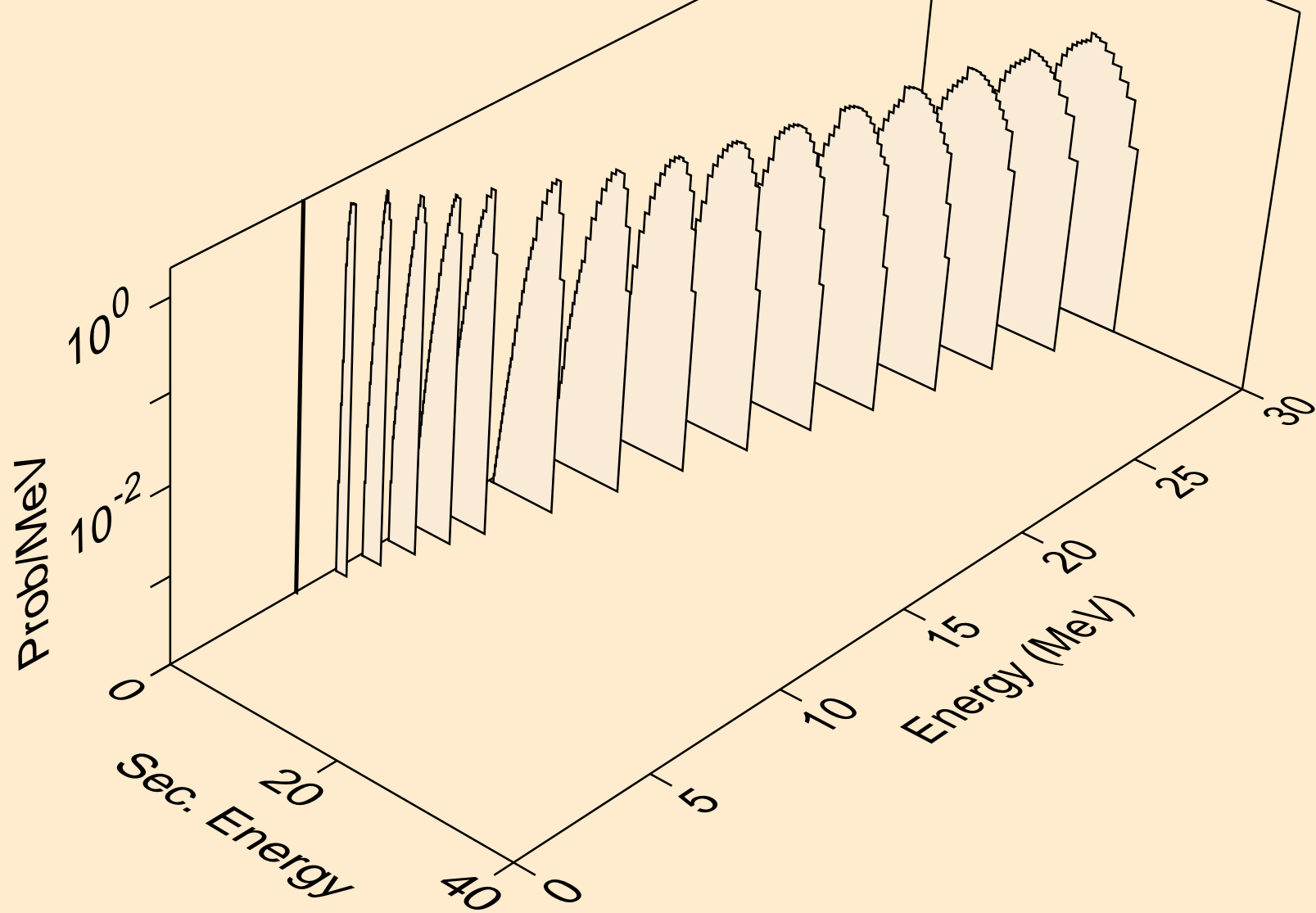


SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,n\*)d

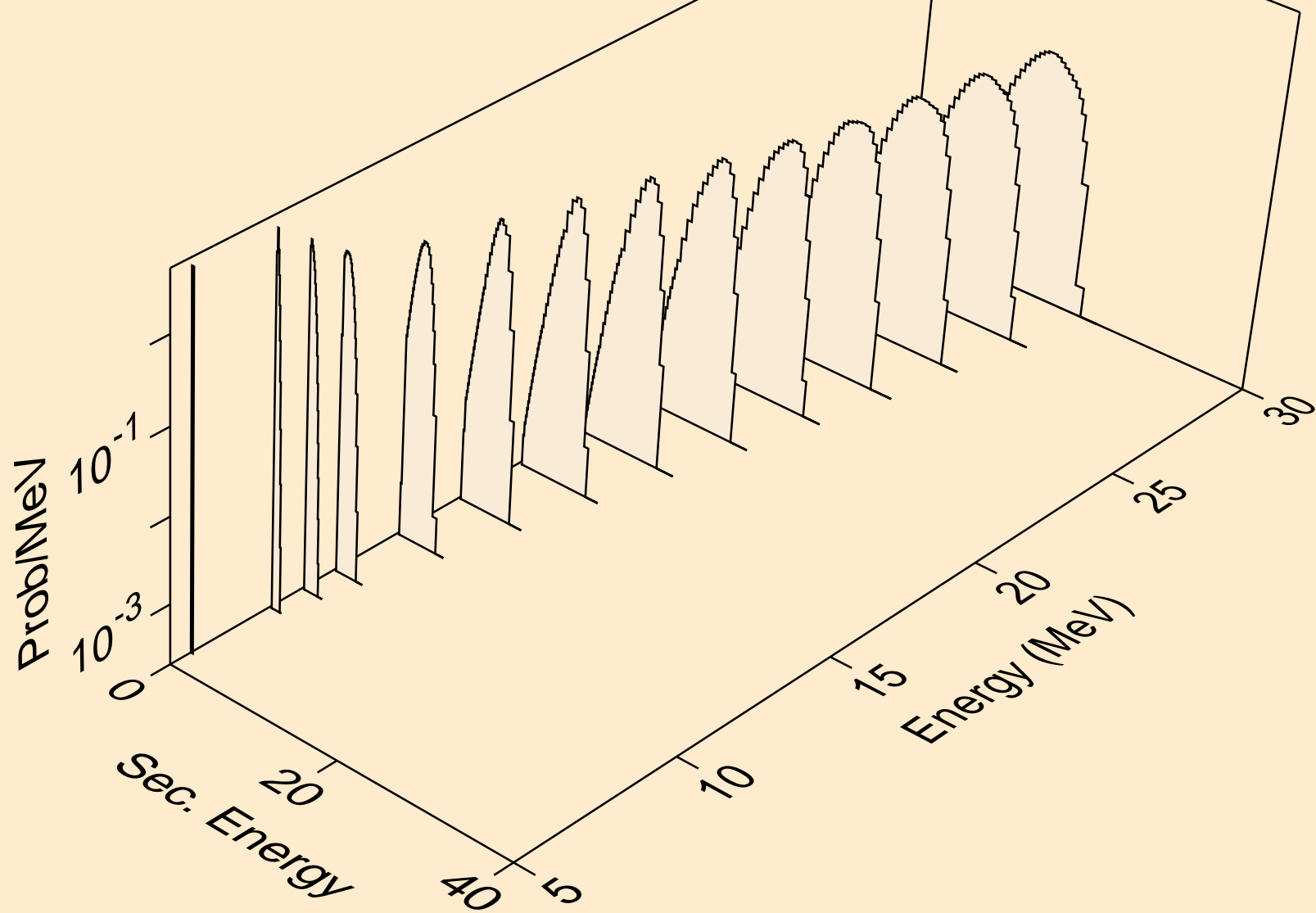




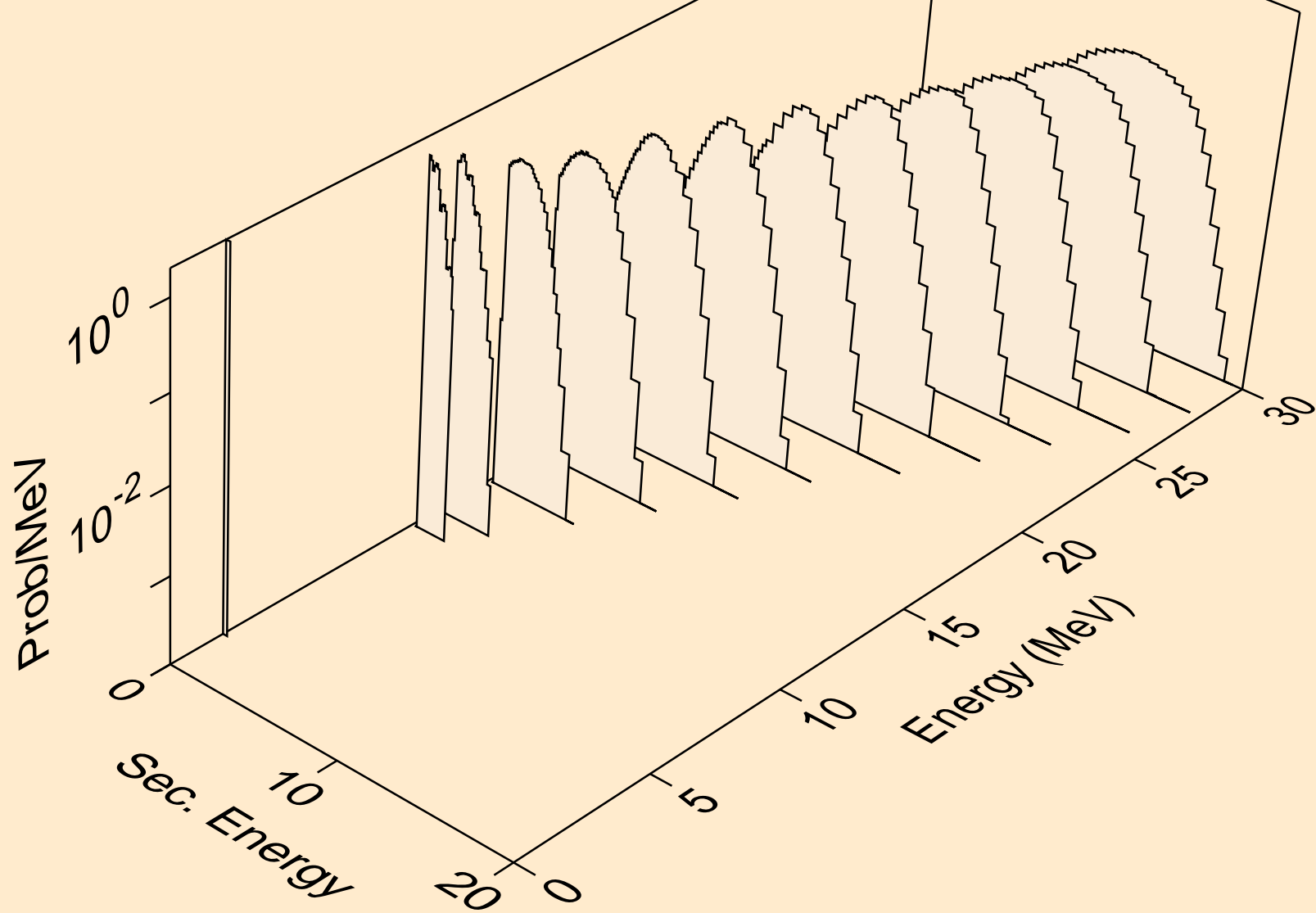
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deuterons from (s,d)



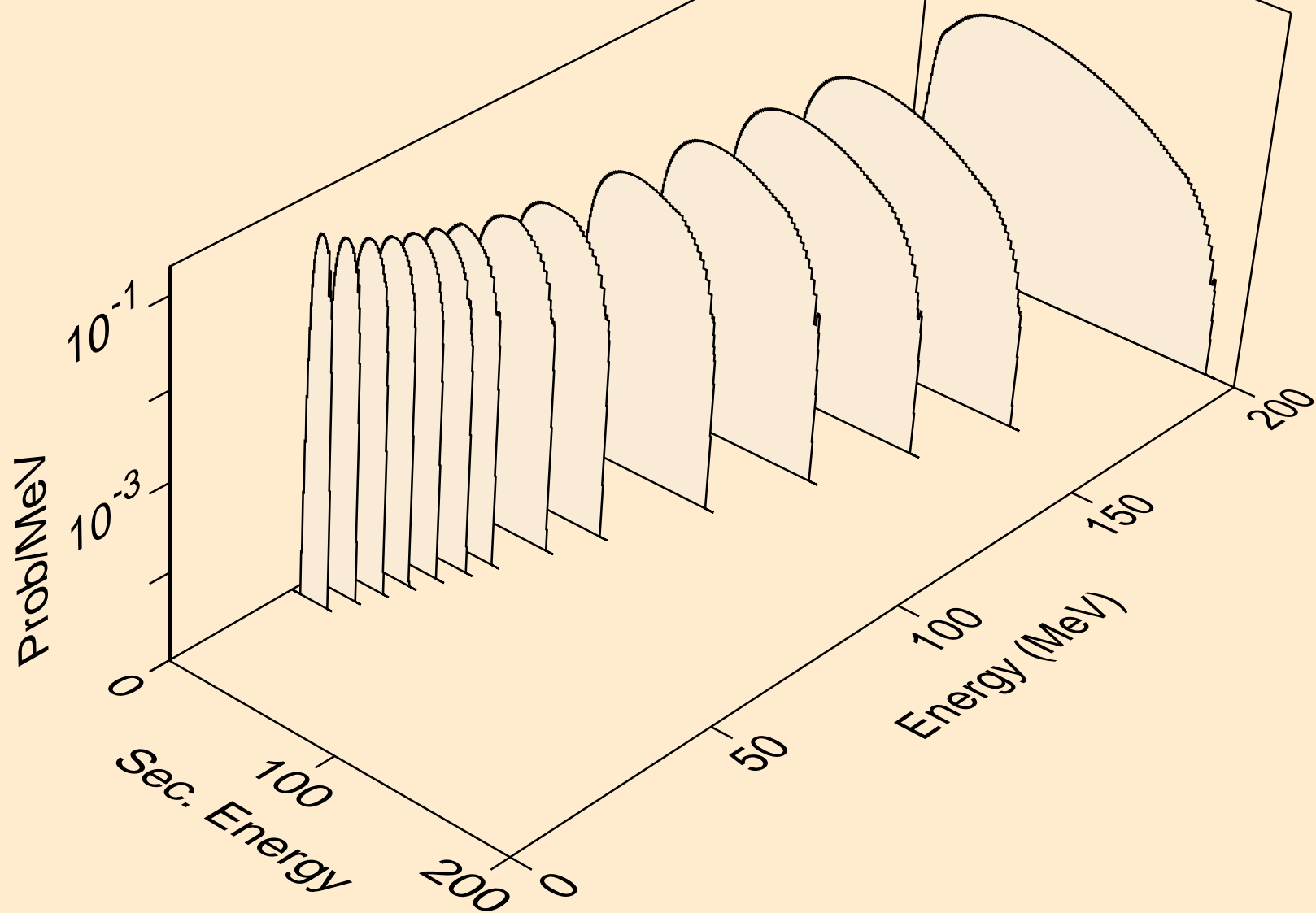
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deuterons from (s,pd)



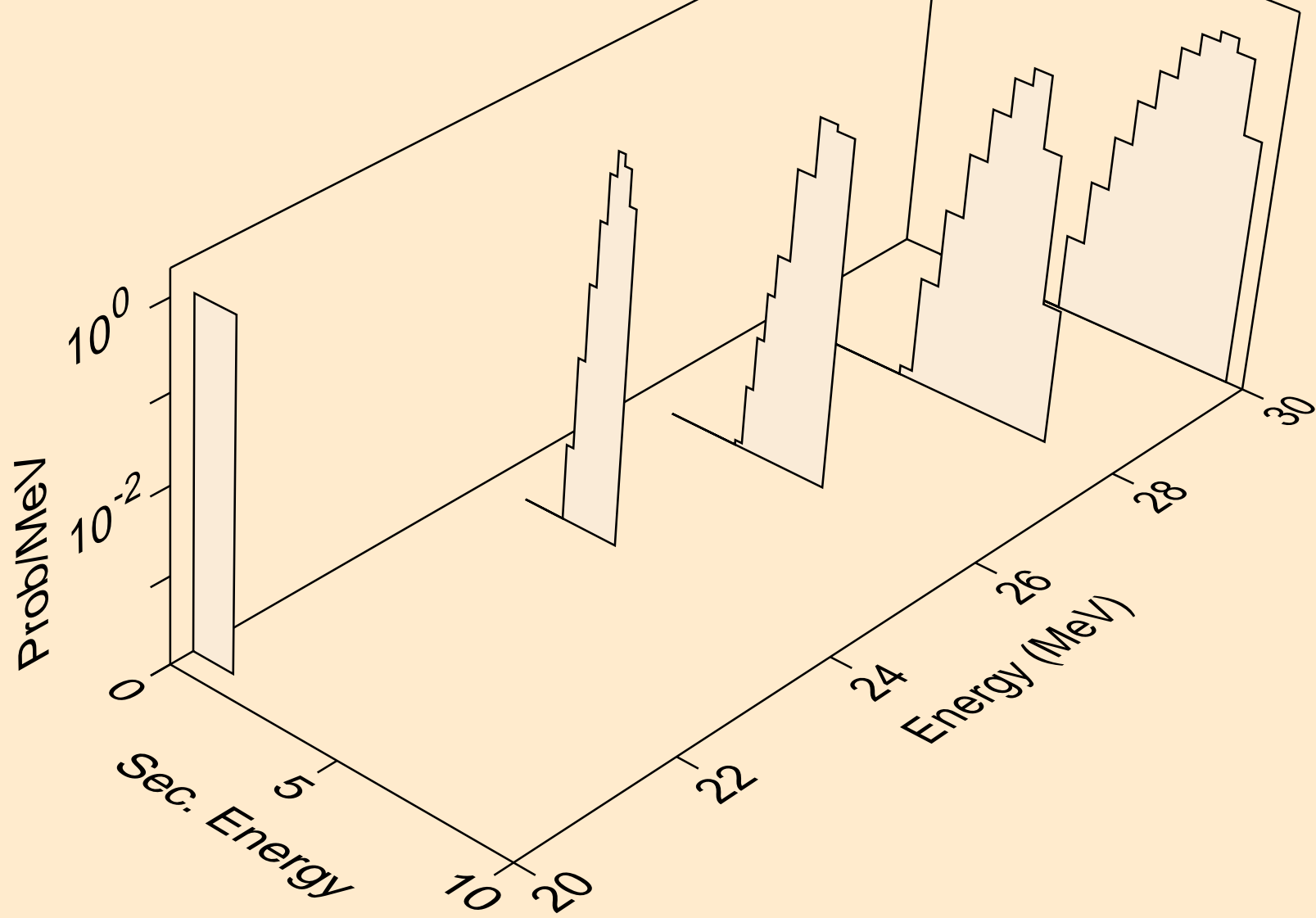
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deuterons from (s,da)



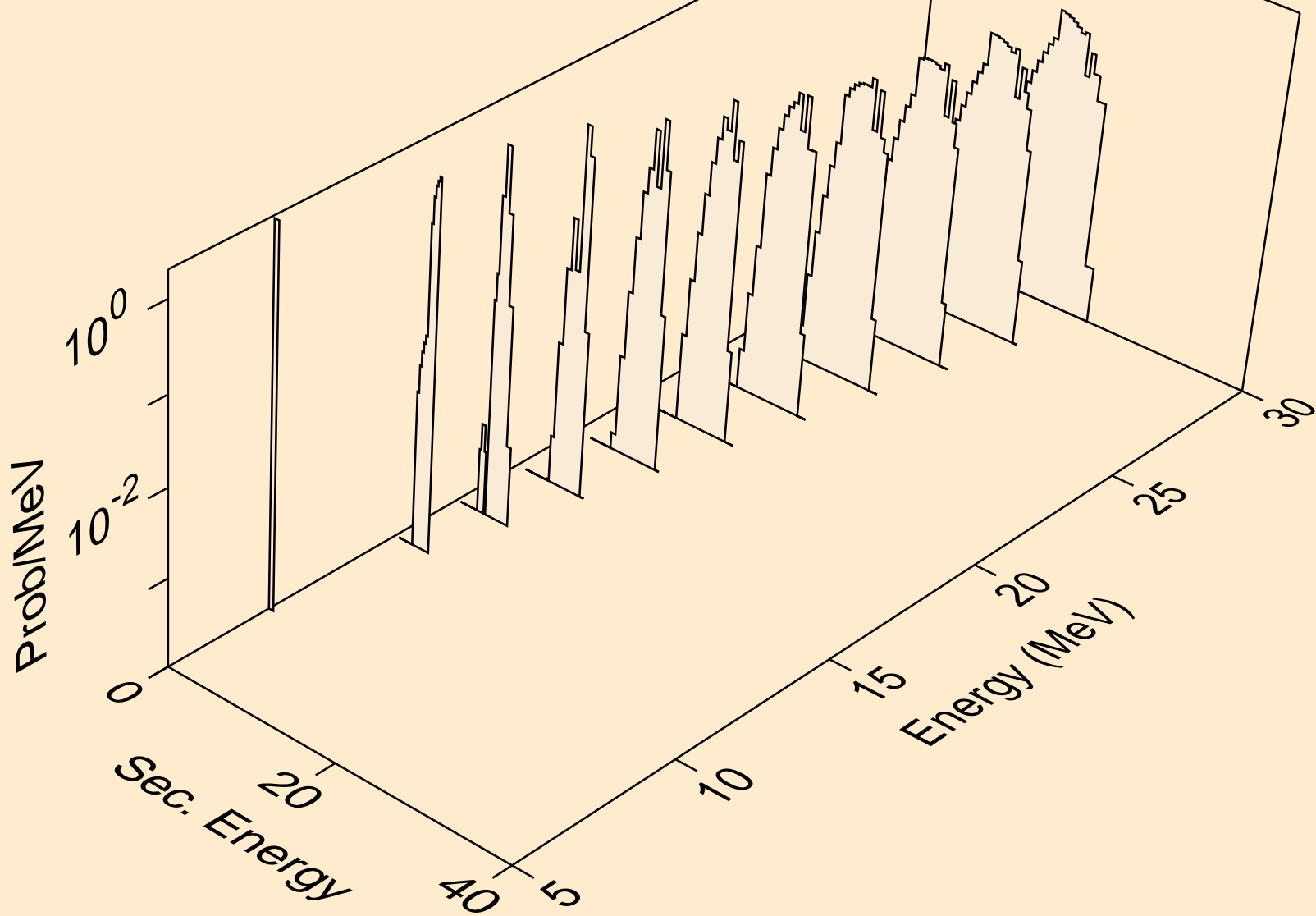
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tritons from (s,x)



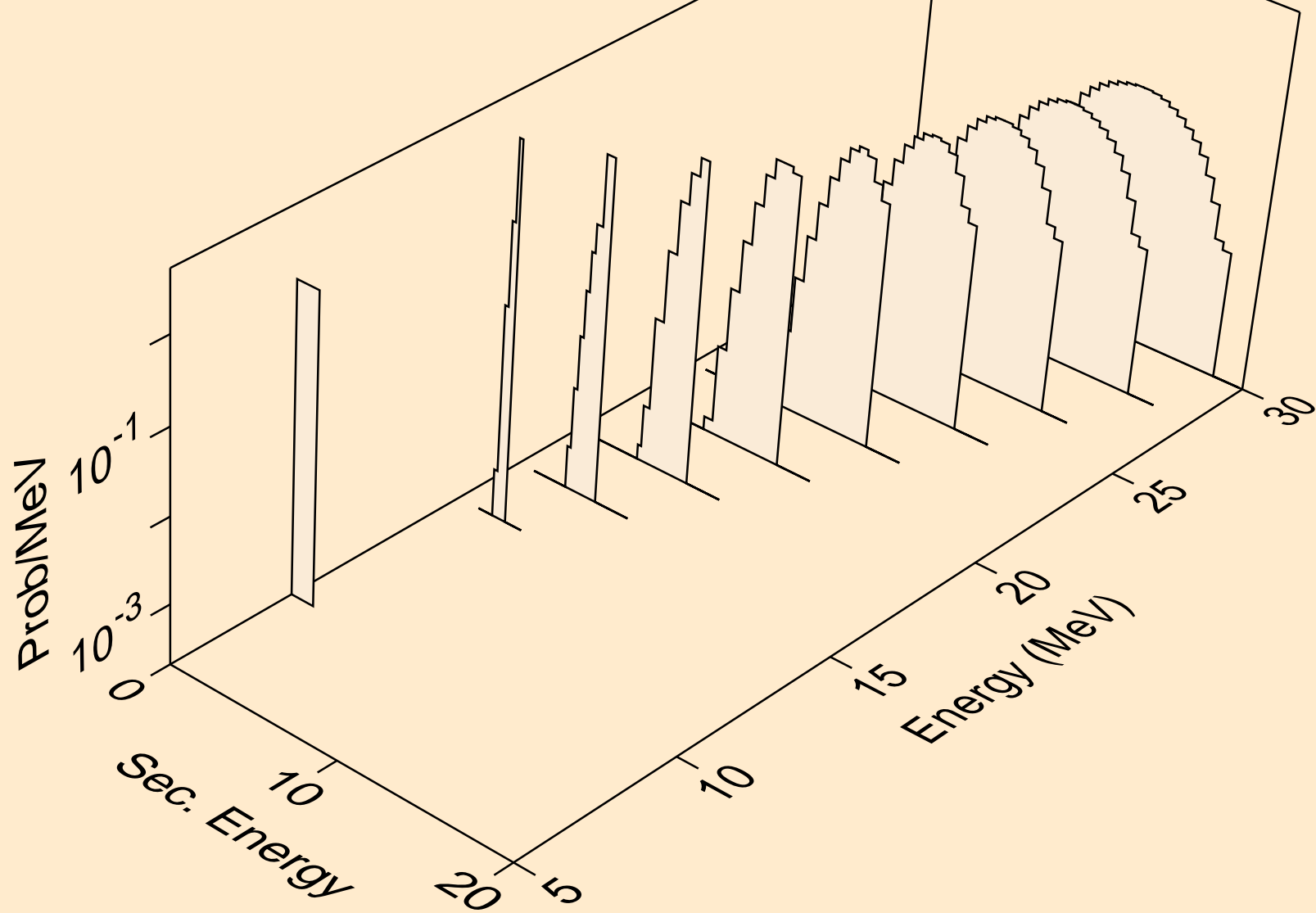
SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,n\*)t



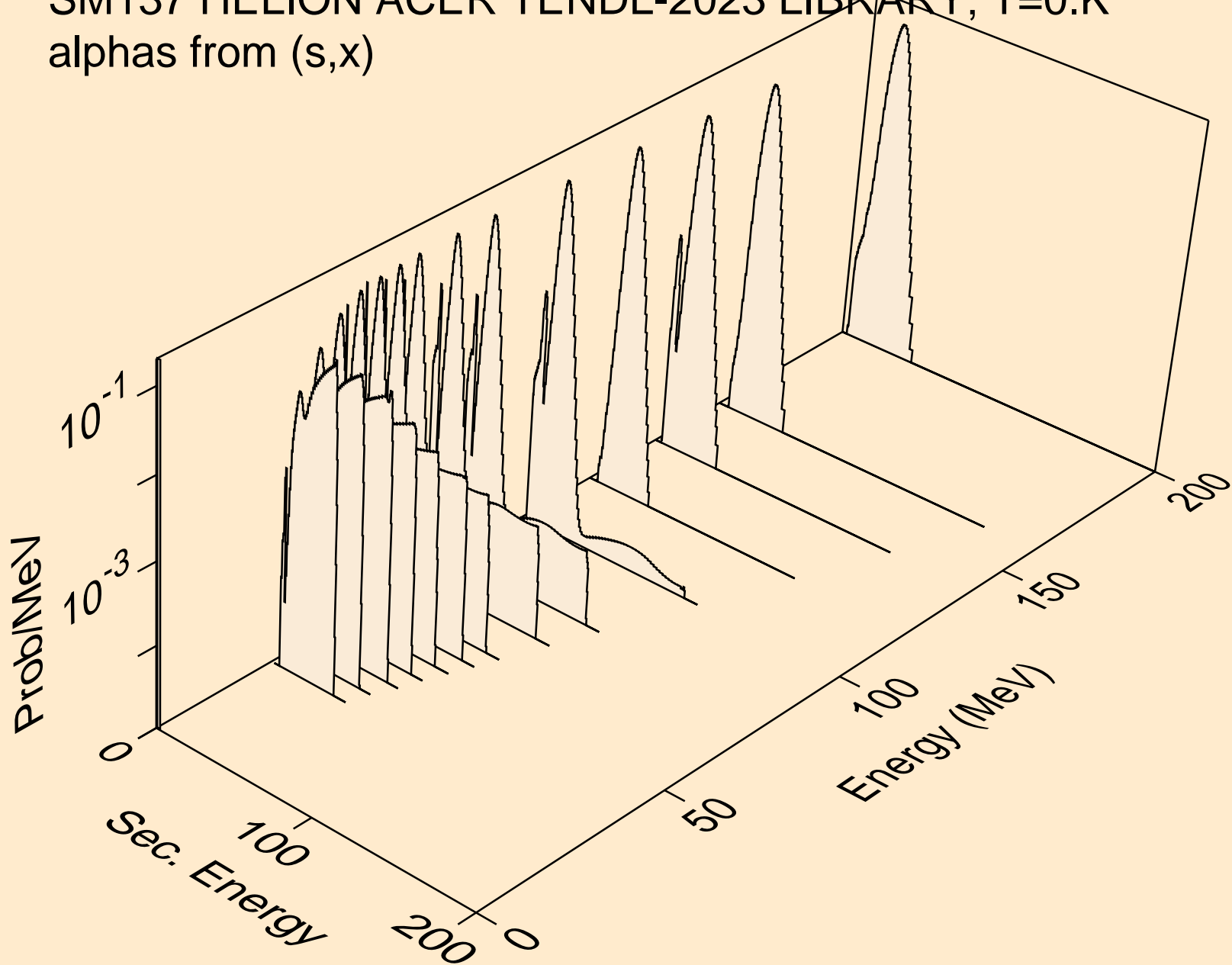
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tritons from (s,t)



SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,pt)

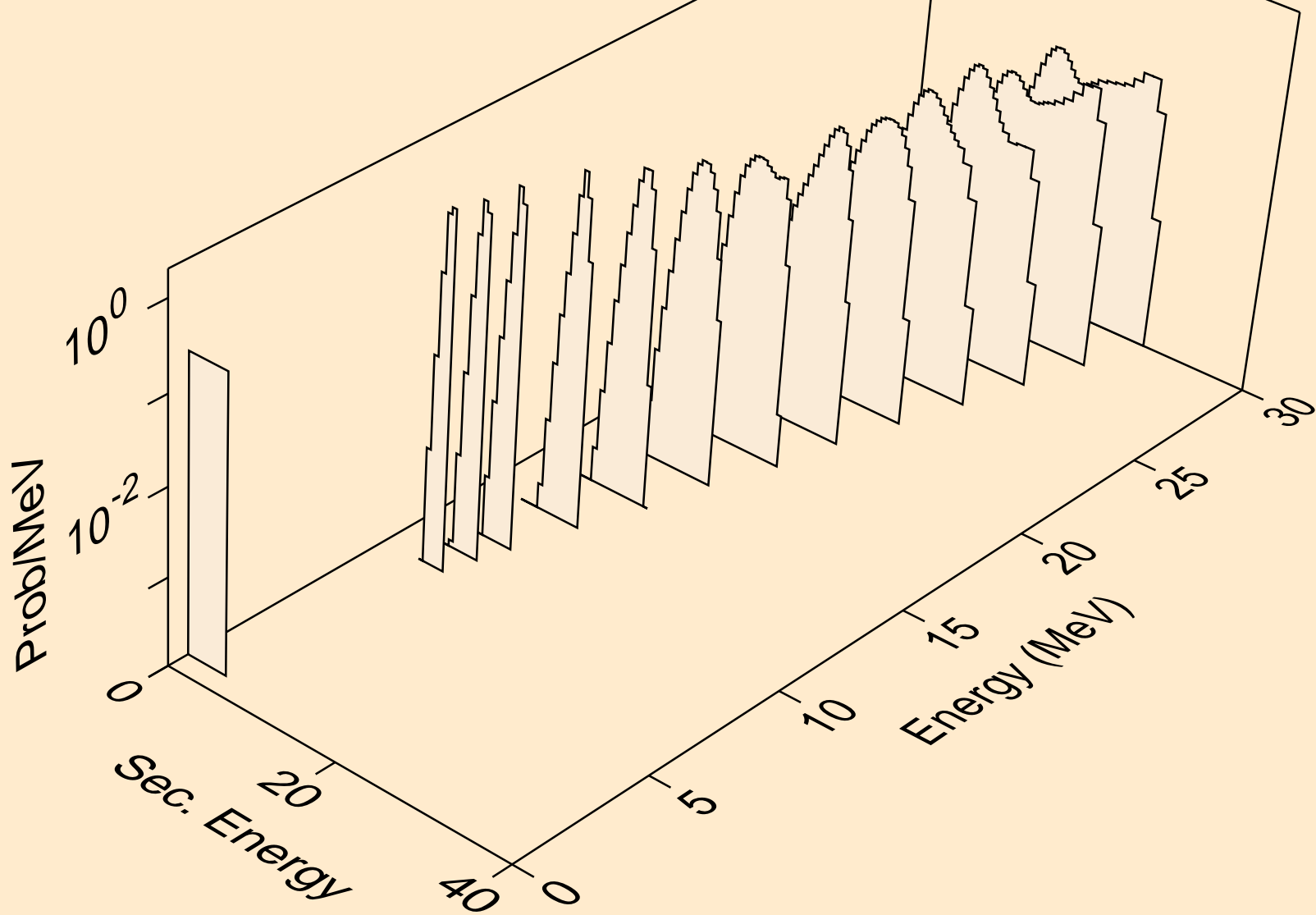


SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,x)

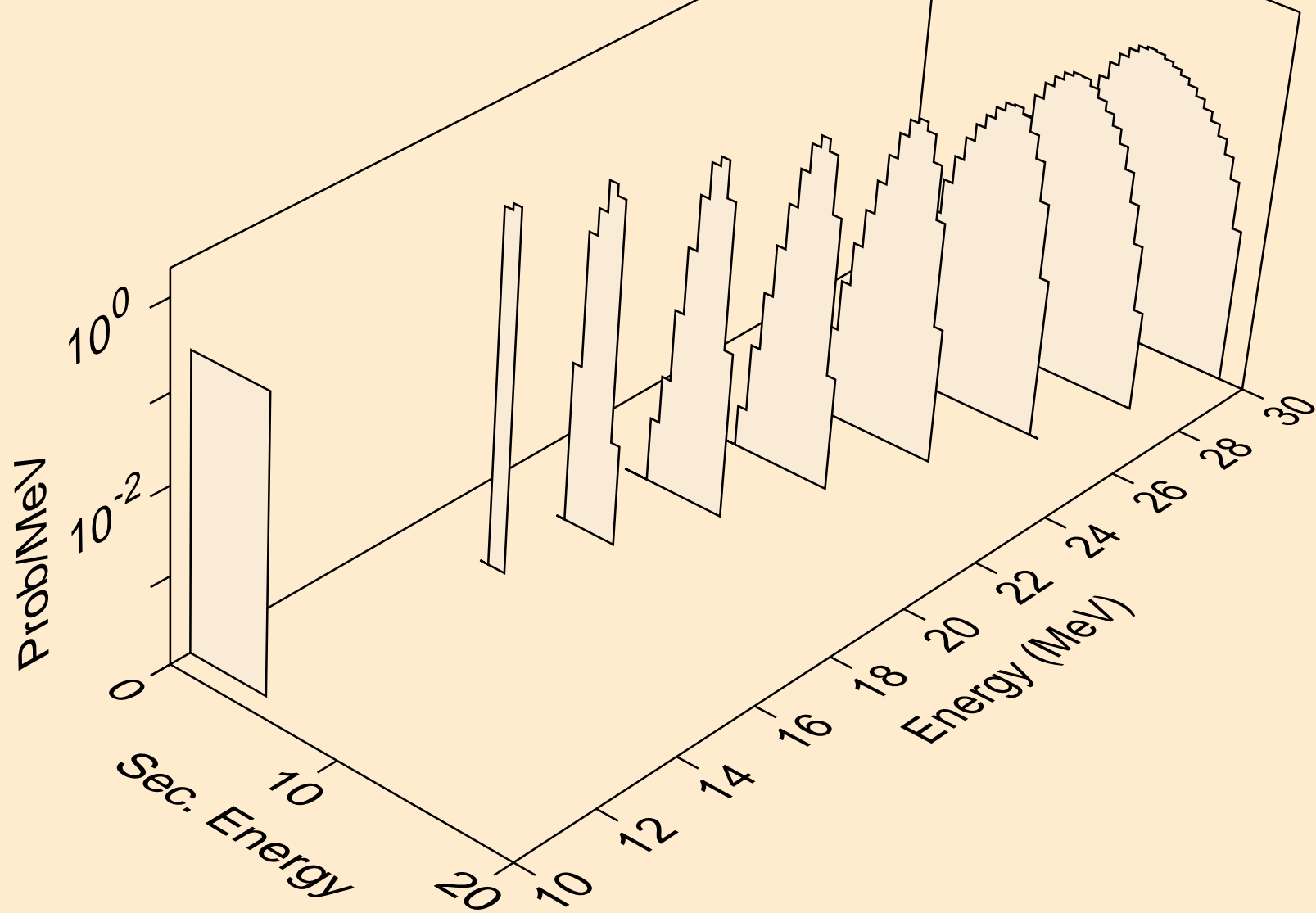




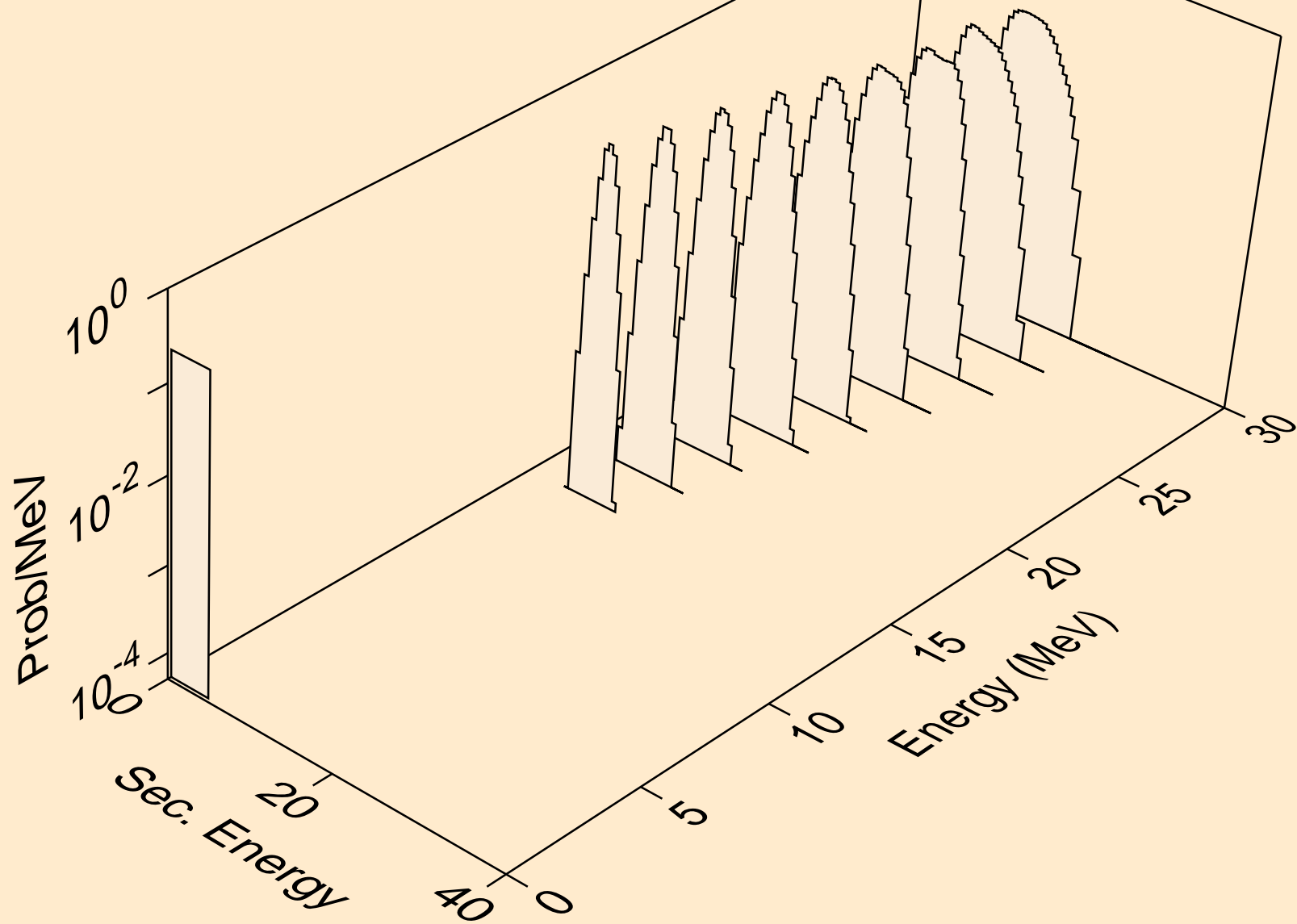
SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)a



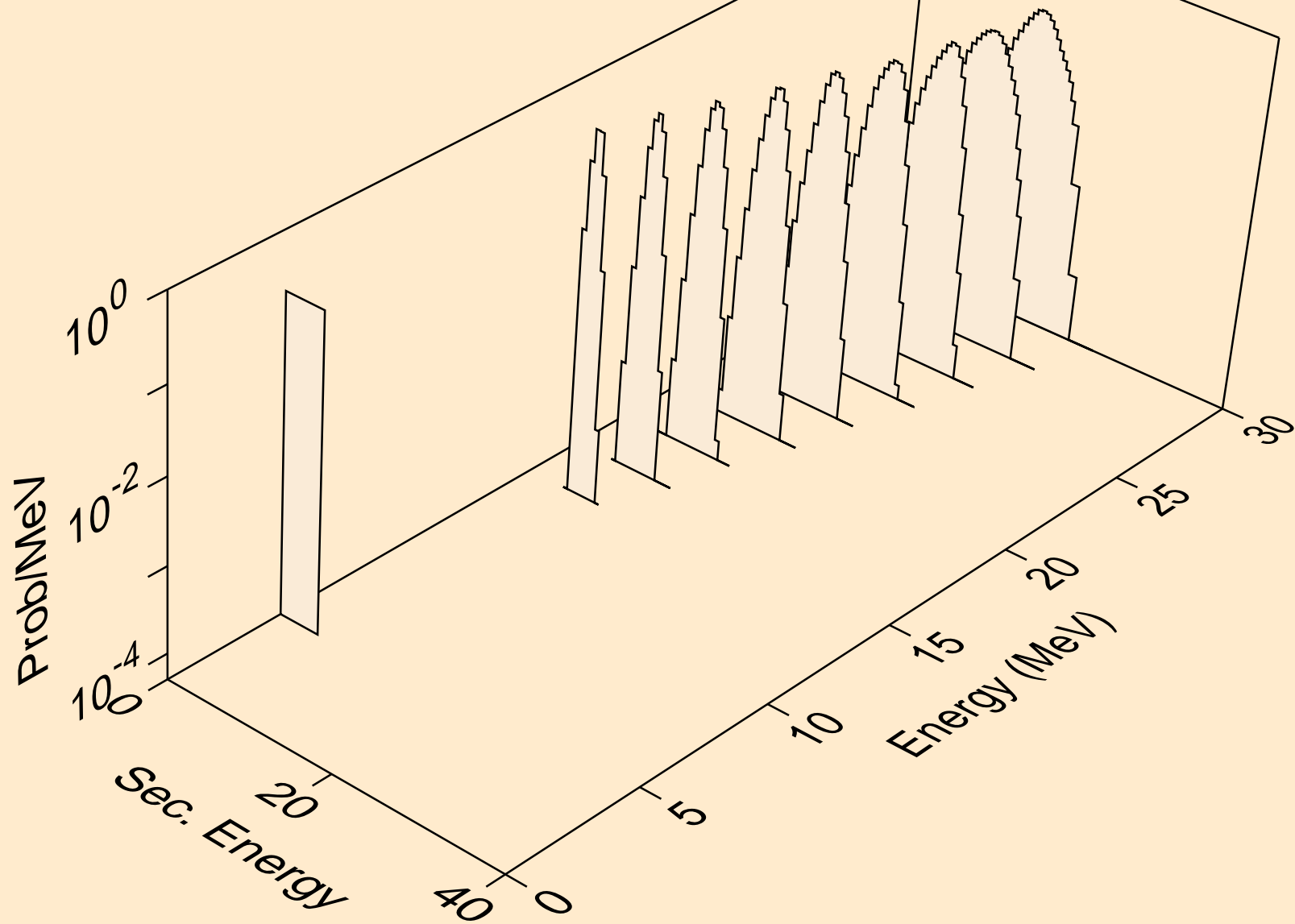
SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2n)a



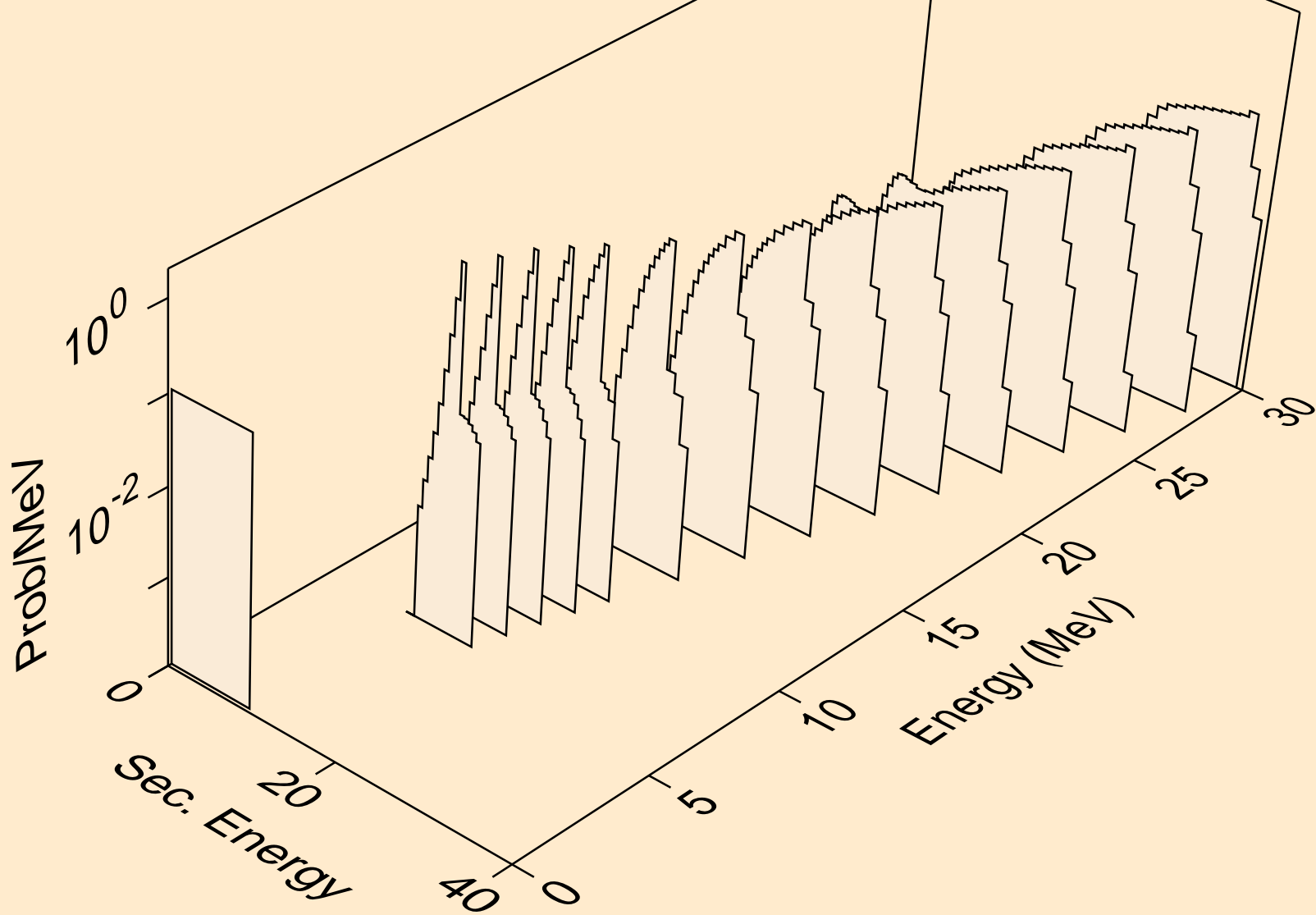
SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)2a



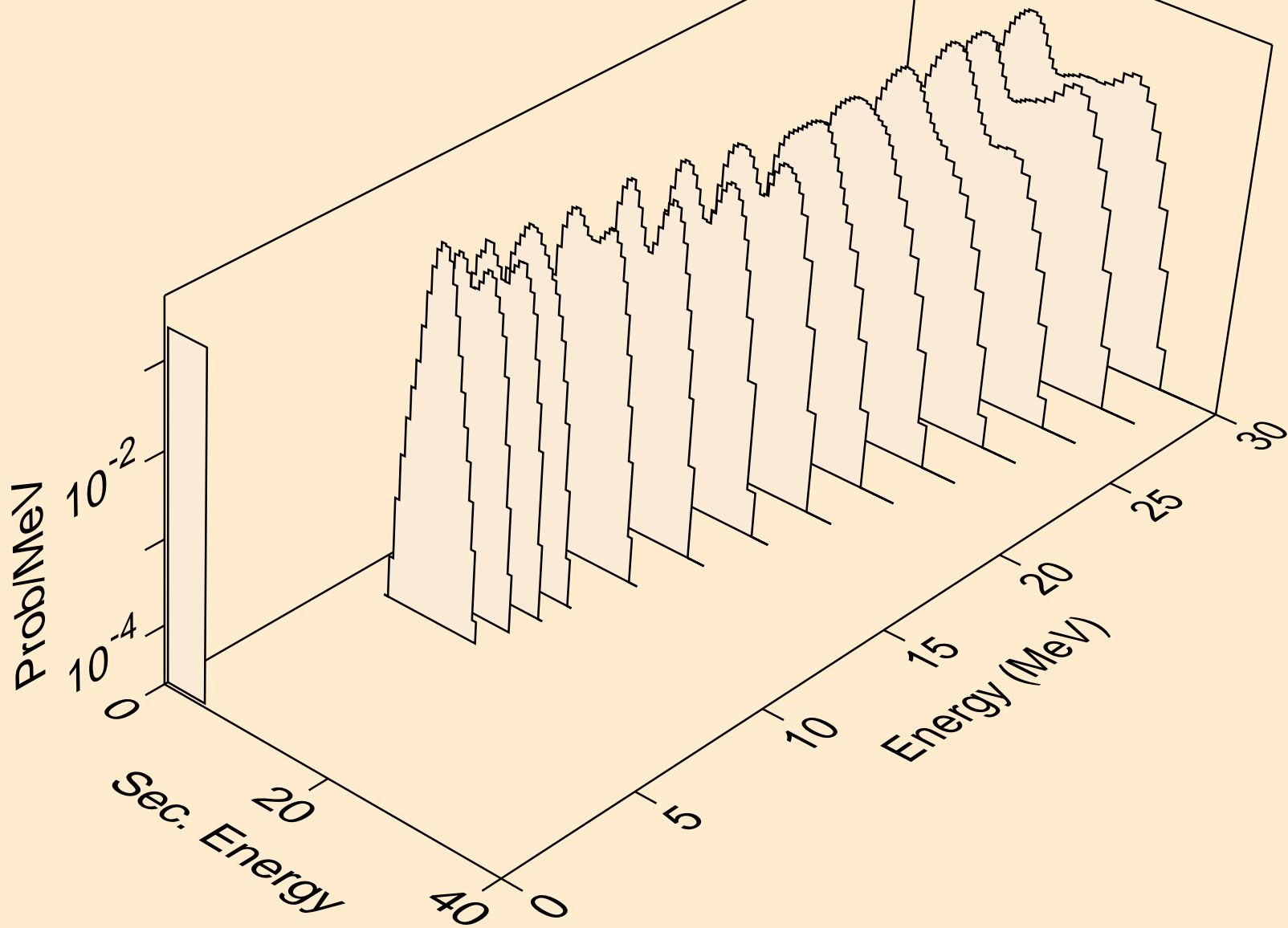
SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,npa)



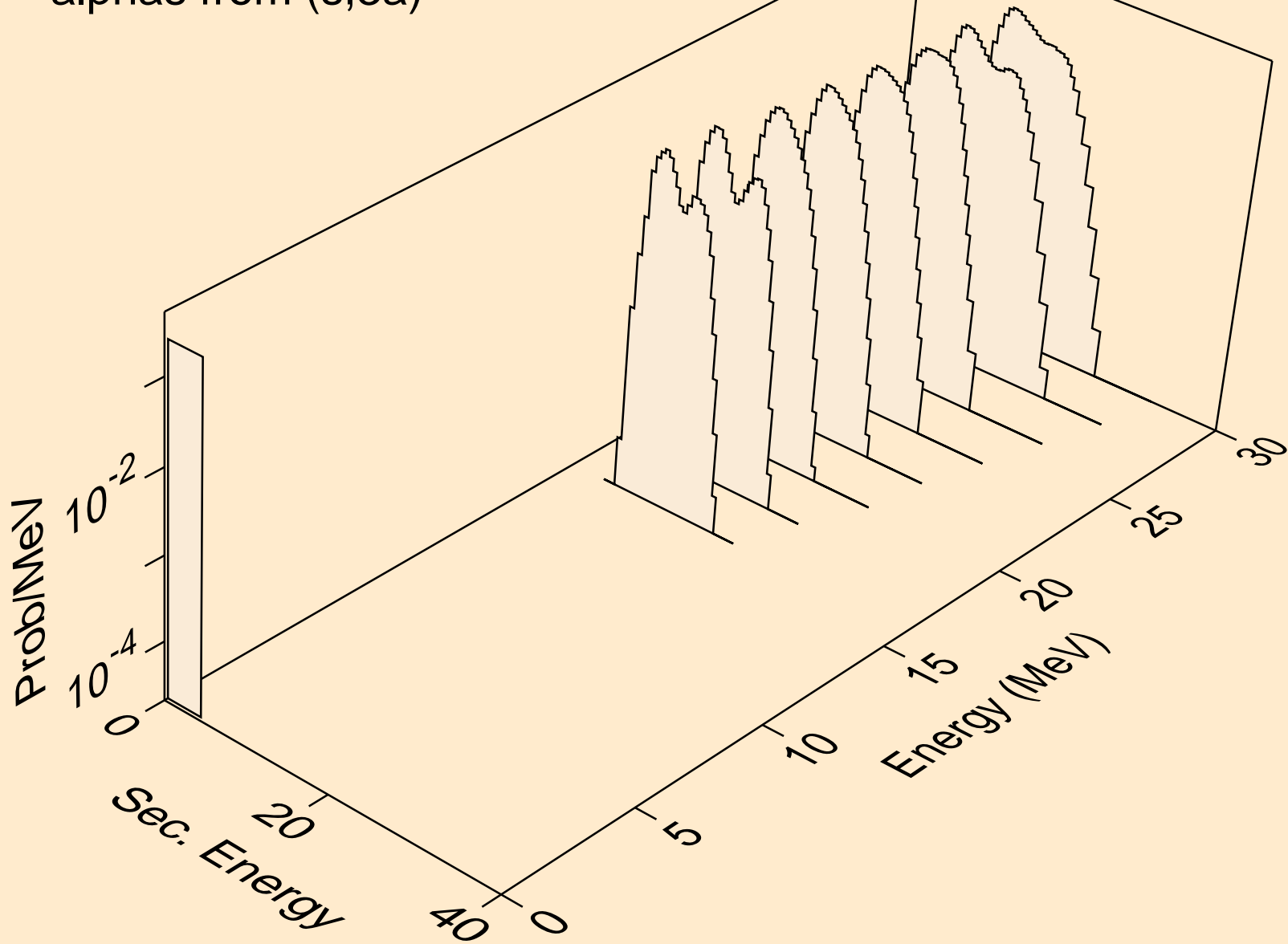
SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,a)



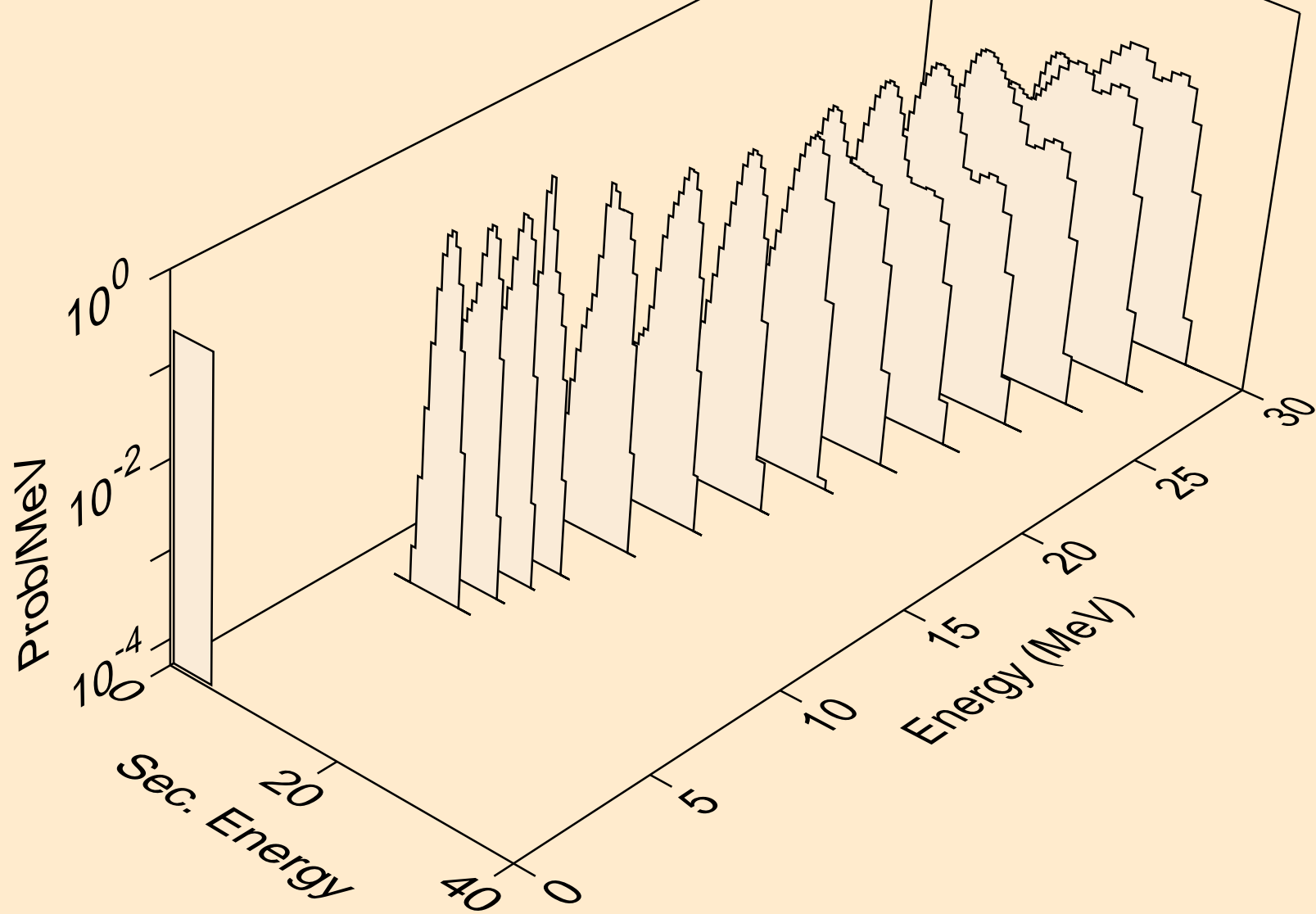
SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2a)



SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,3a)



SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,pa)





SM137 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,da)

