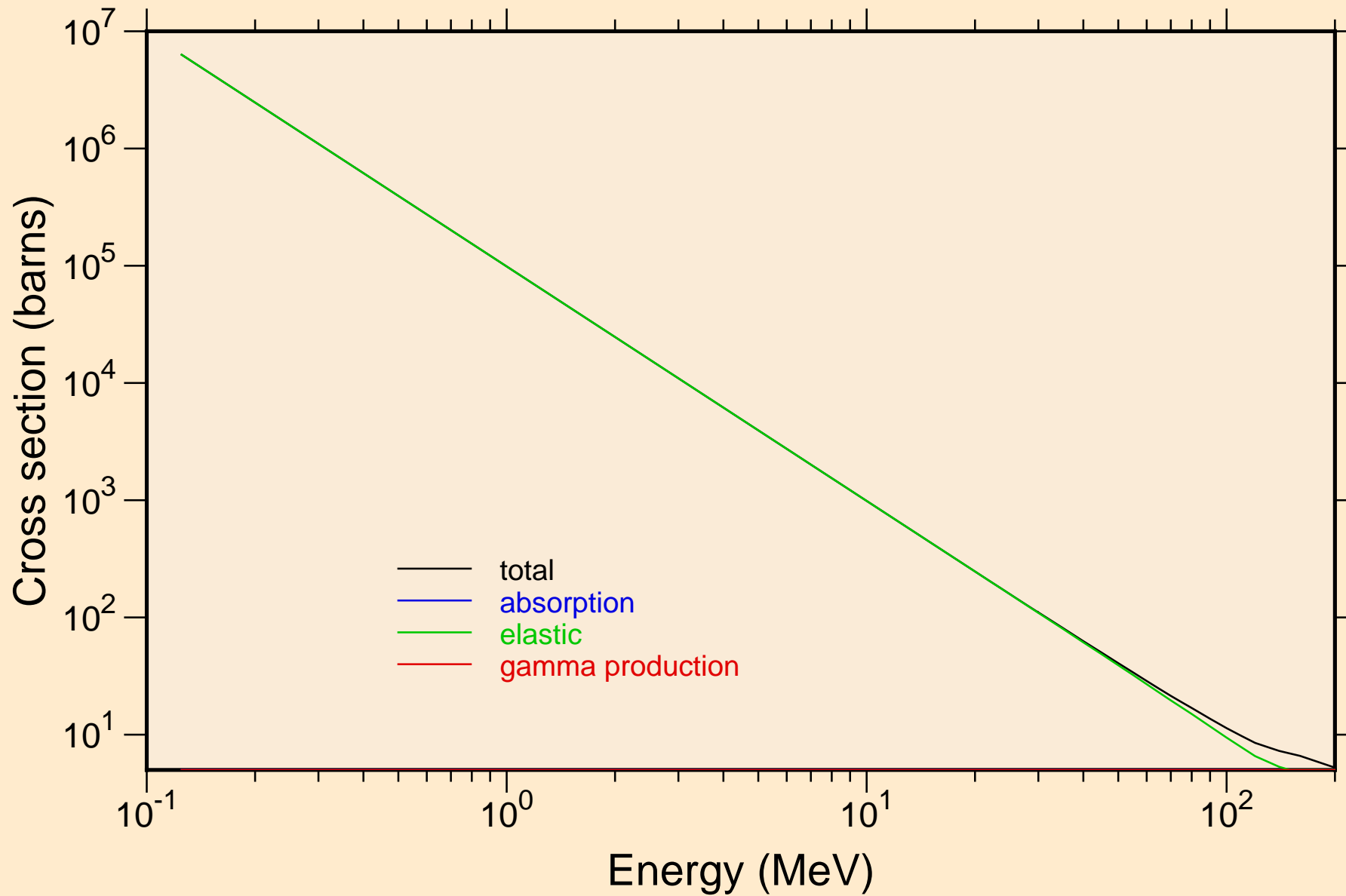


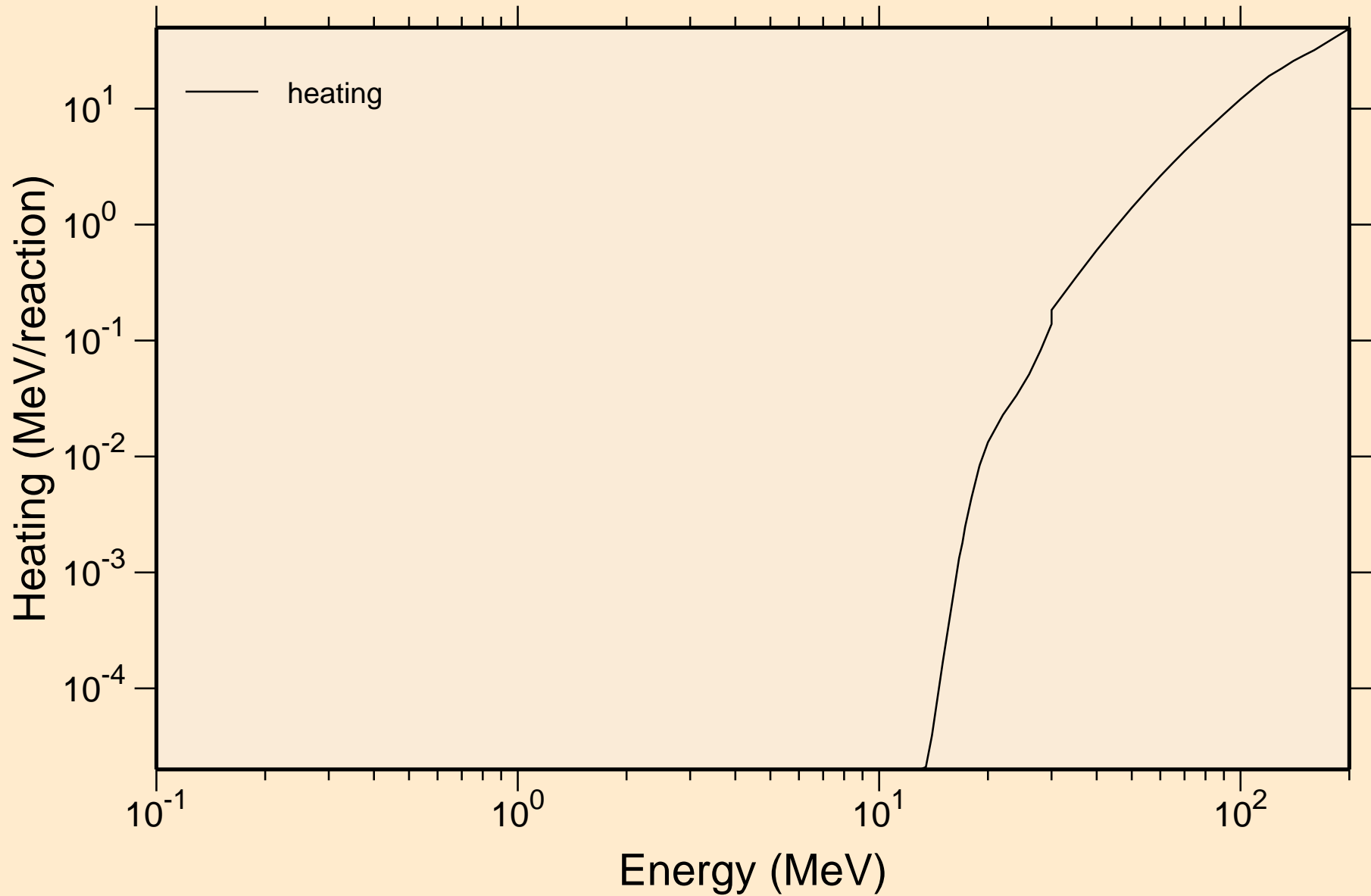
# SM133 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



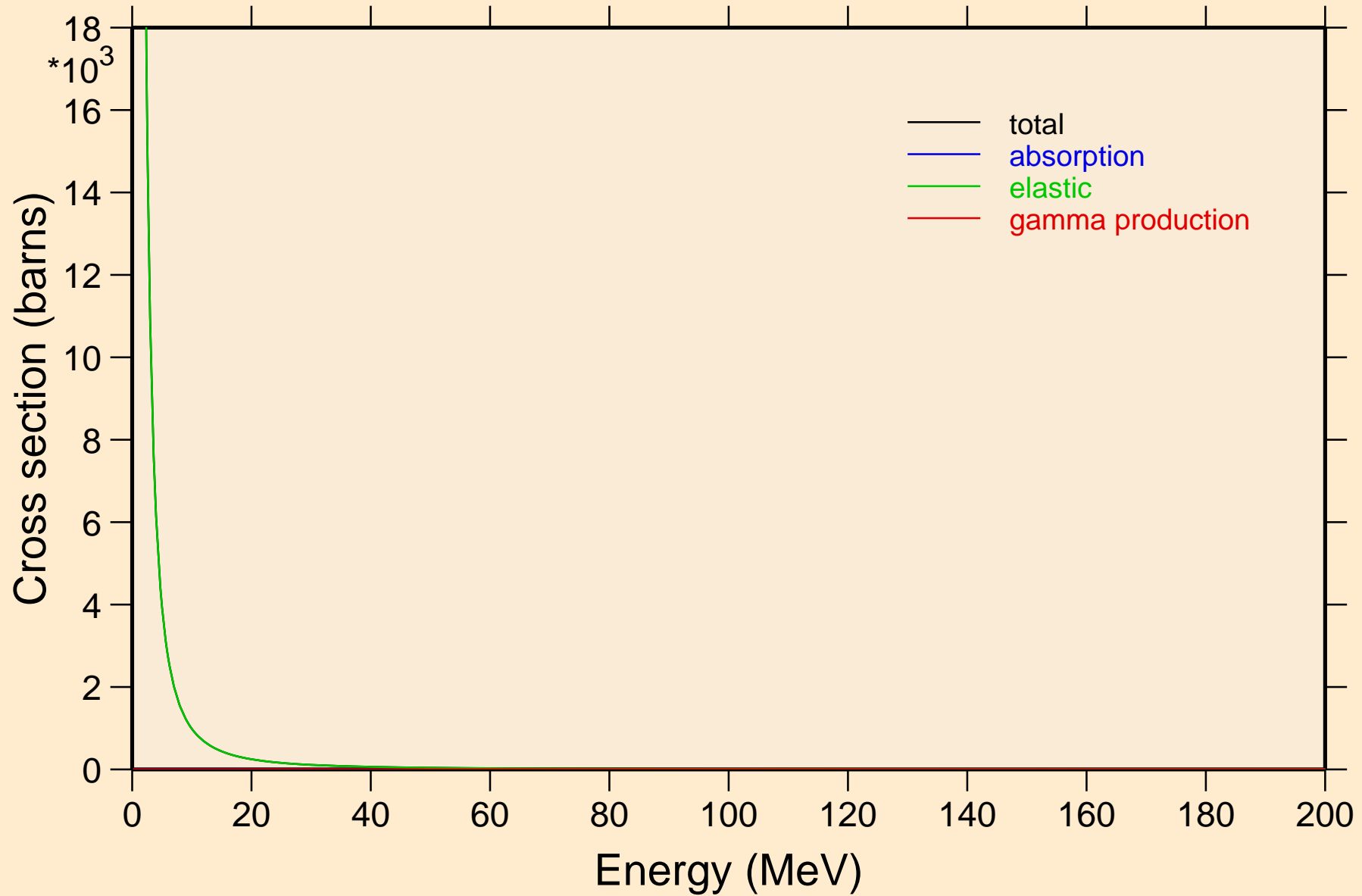
SM133 HELION ACER TENDL-2021 LIBRARY; T=0.K

Heating



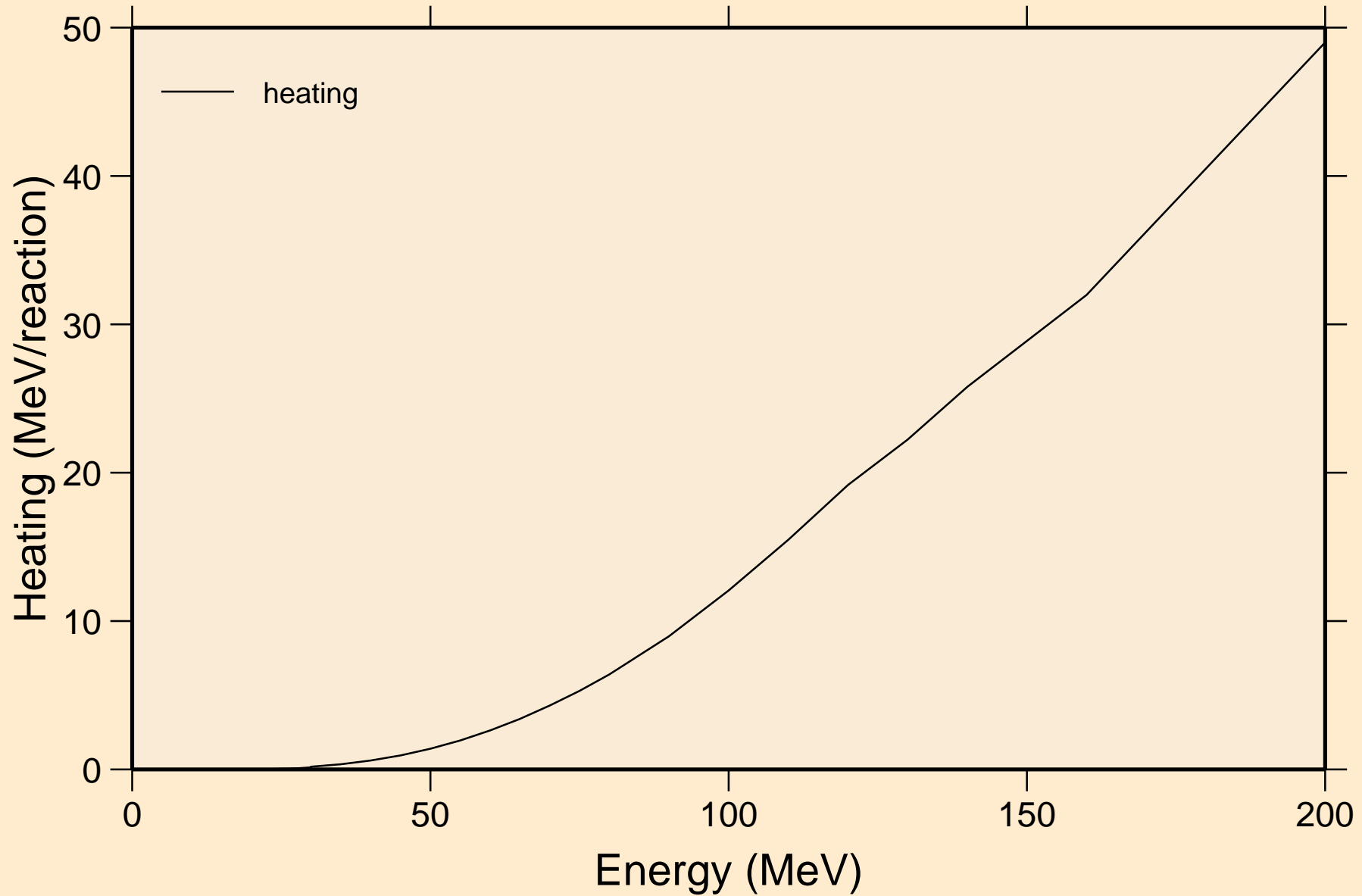
# SM133 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

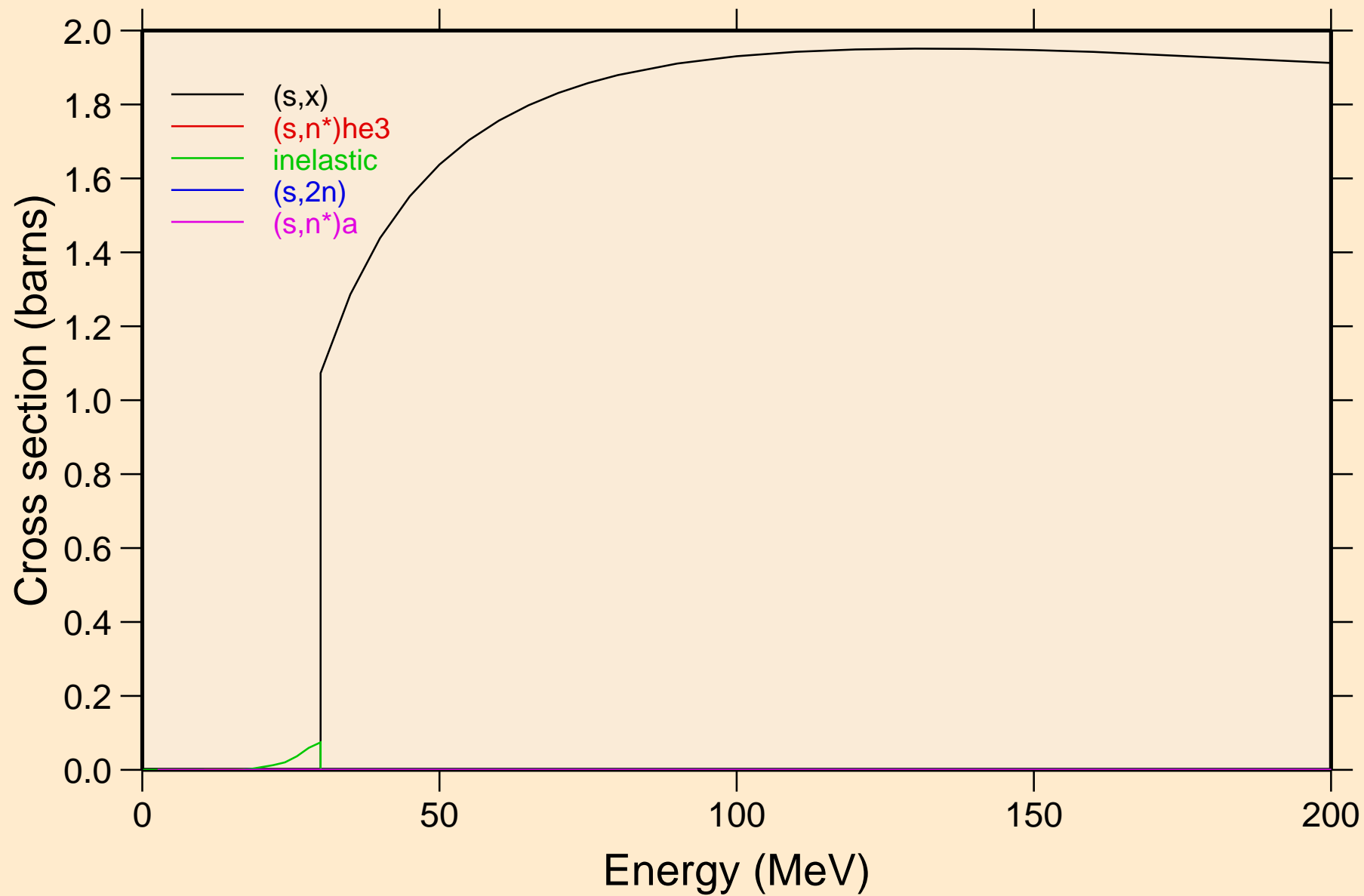


SM133 HELION ACER TENDL-2021 LIBRARY; T=0.K

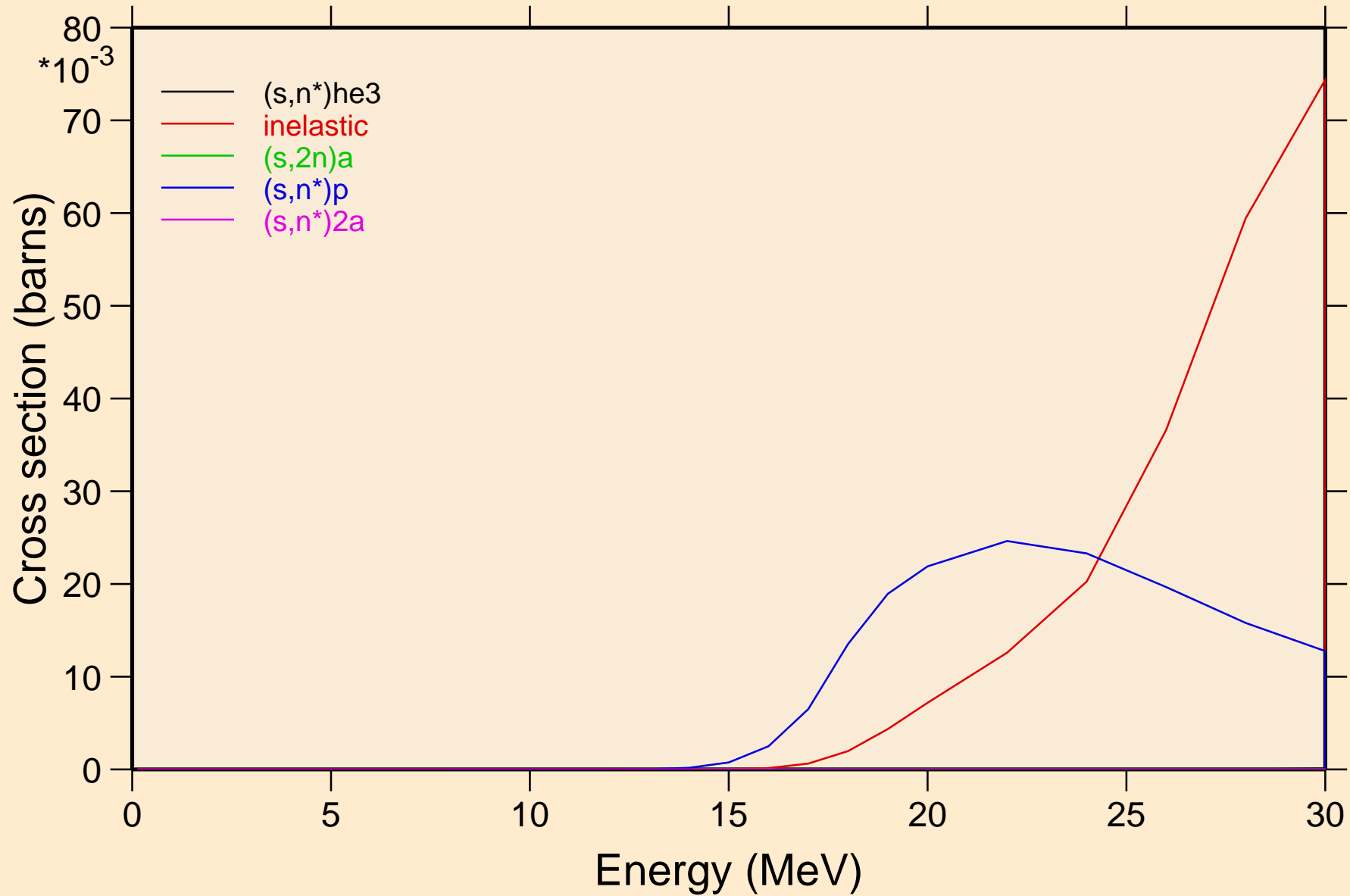
Heating



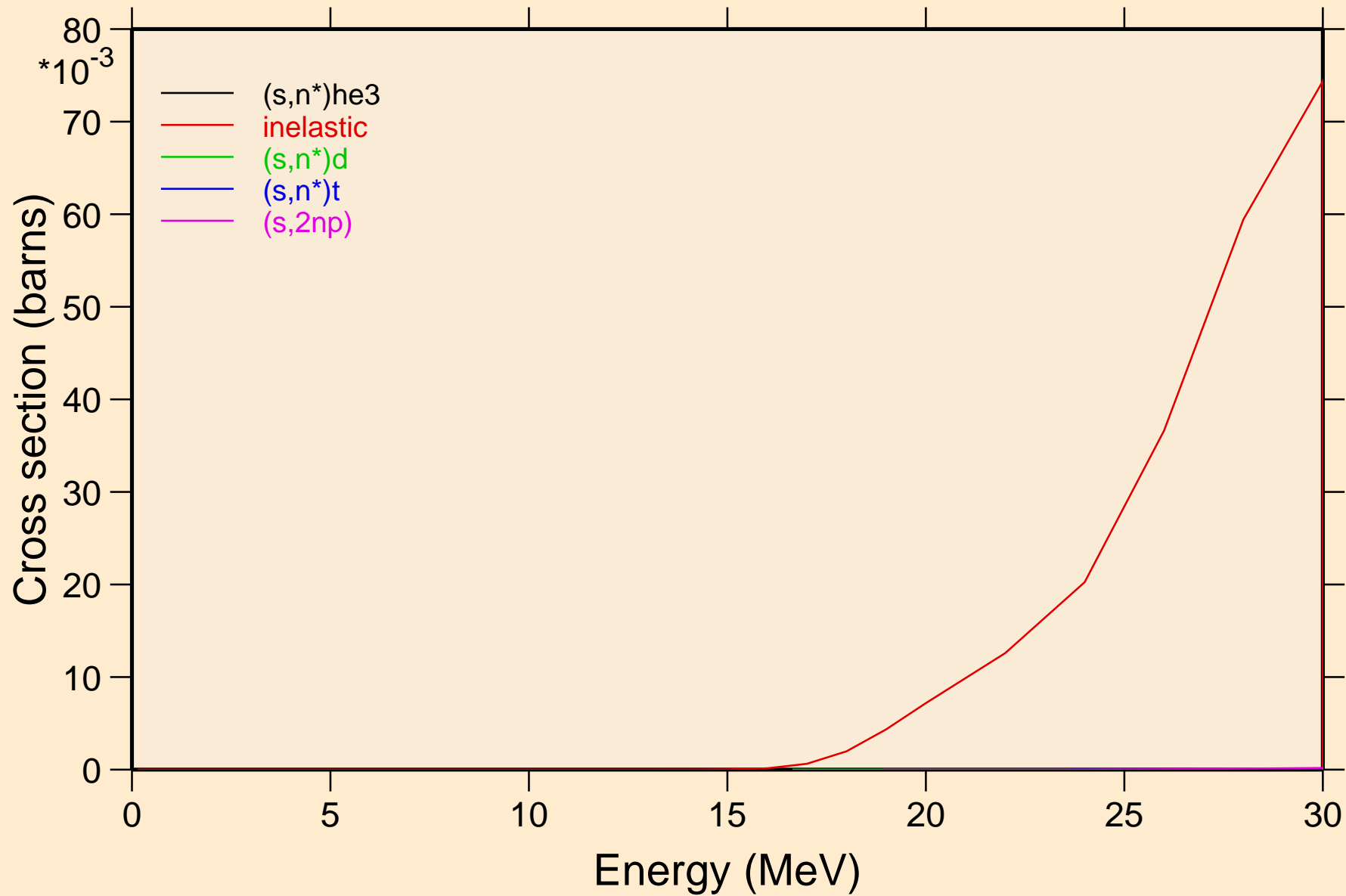
SM133 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



SM133 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

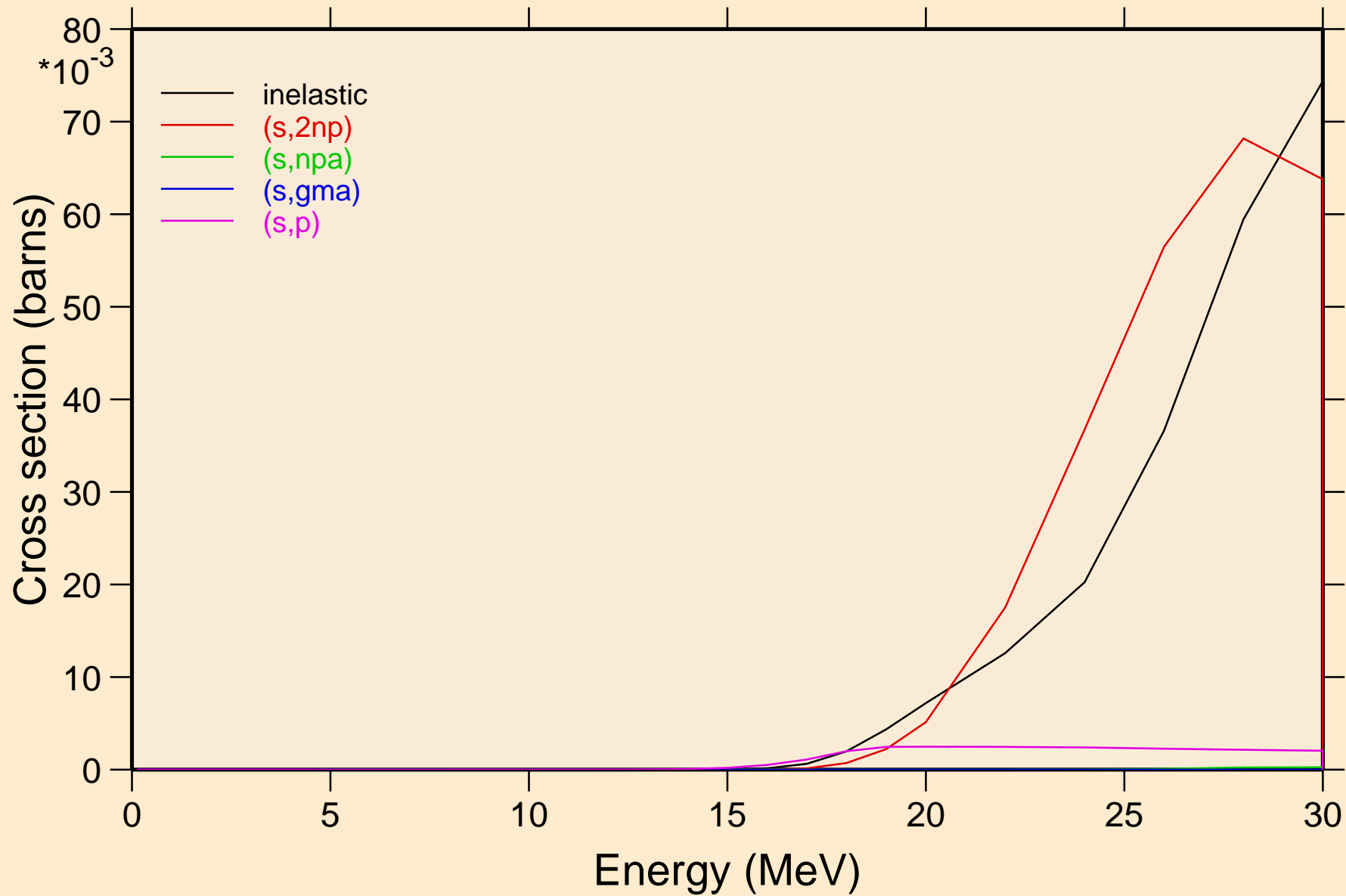


SM133 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



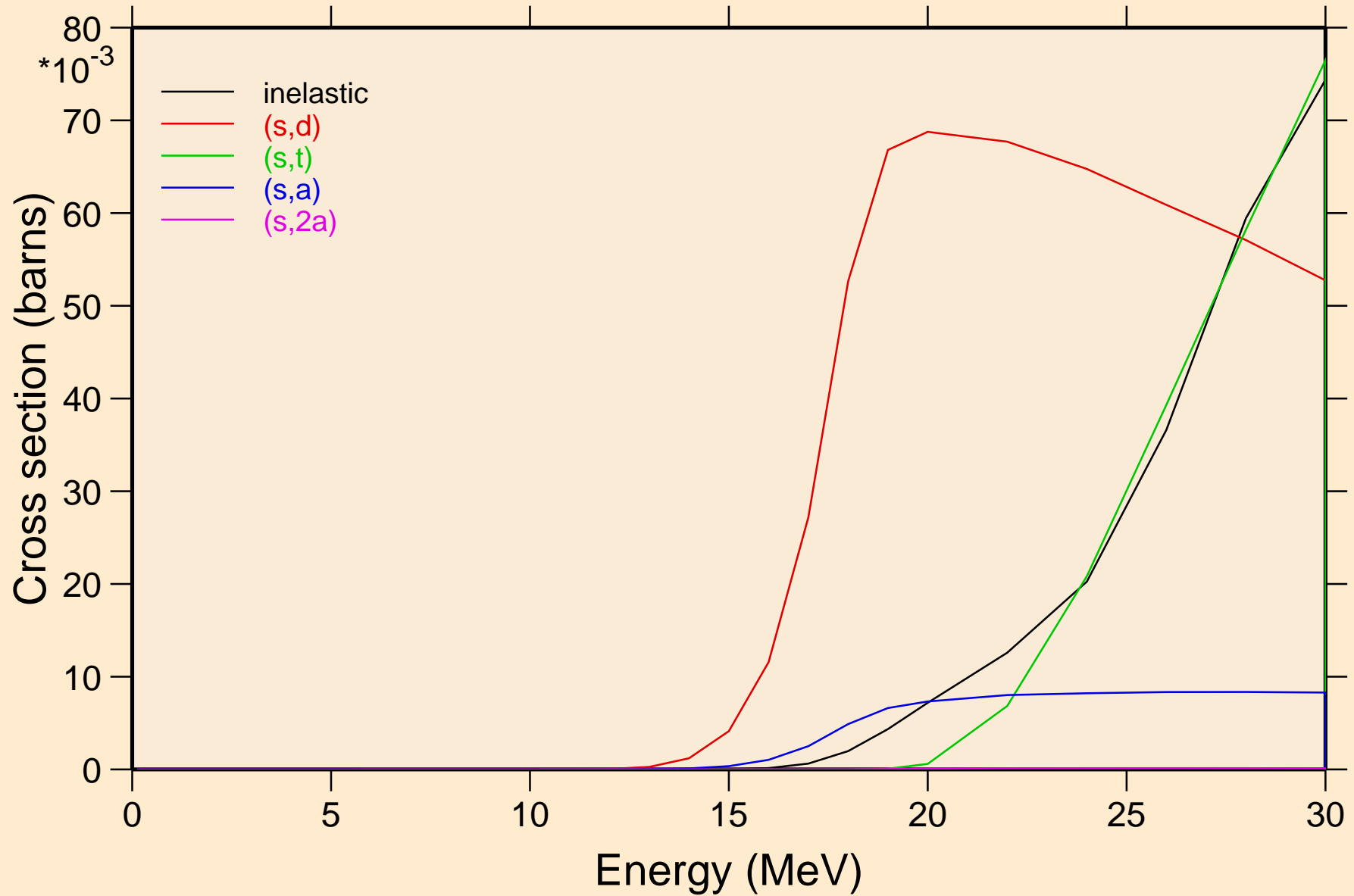
# SM133 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions

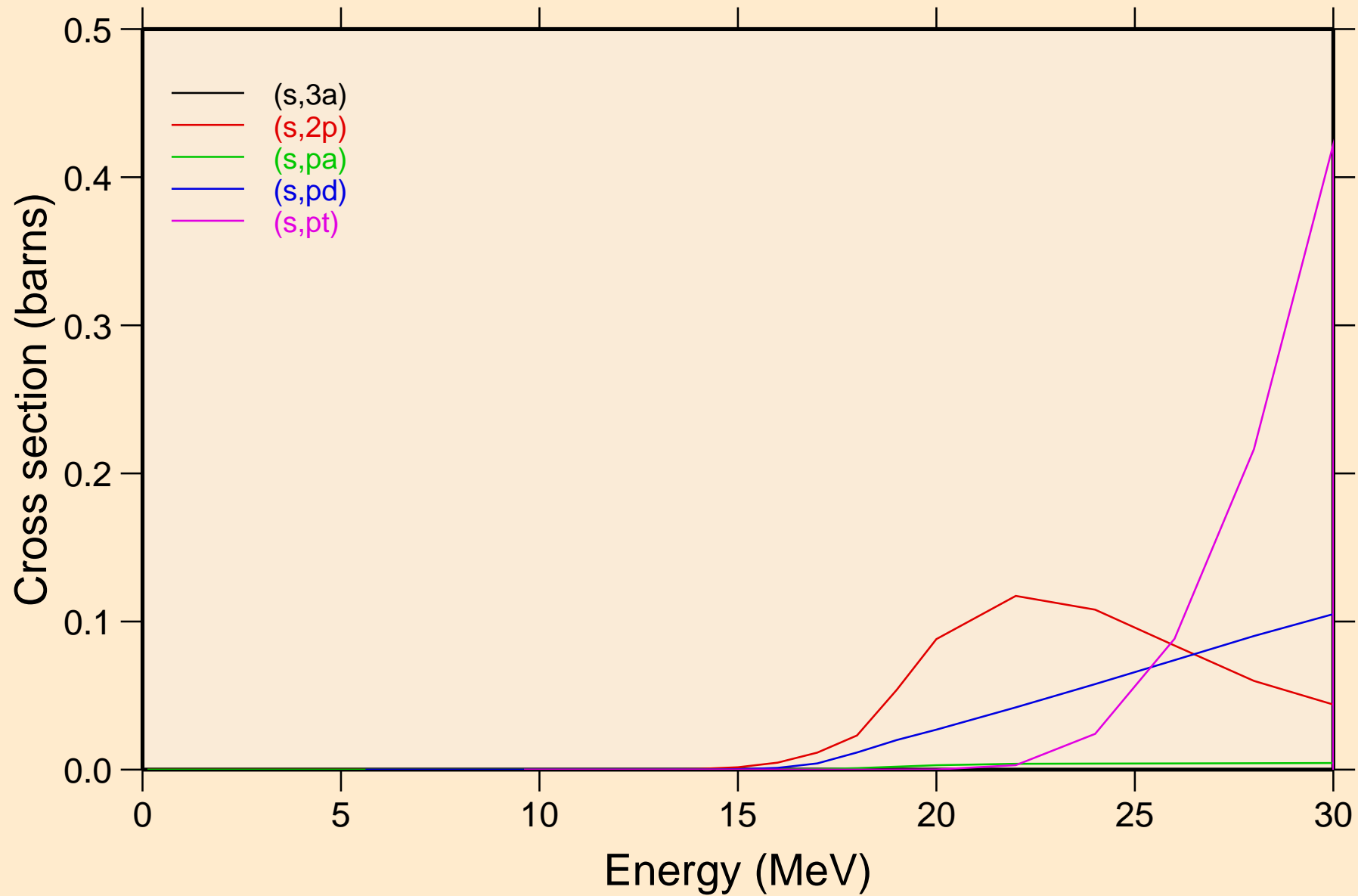




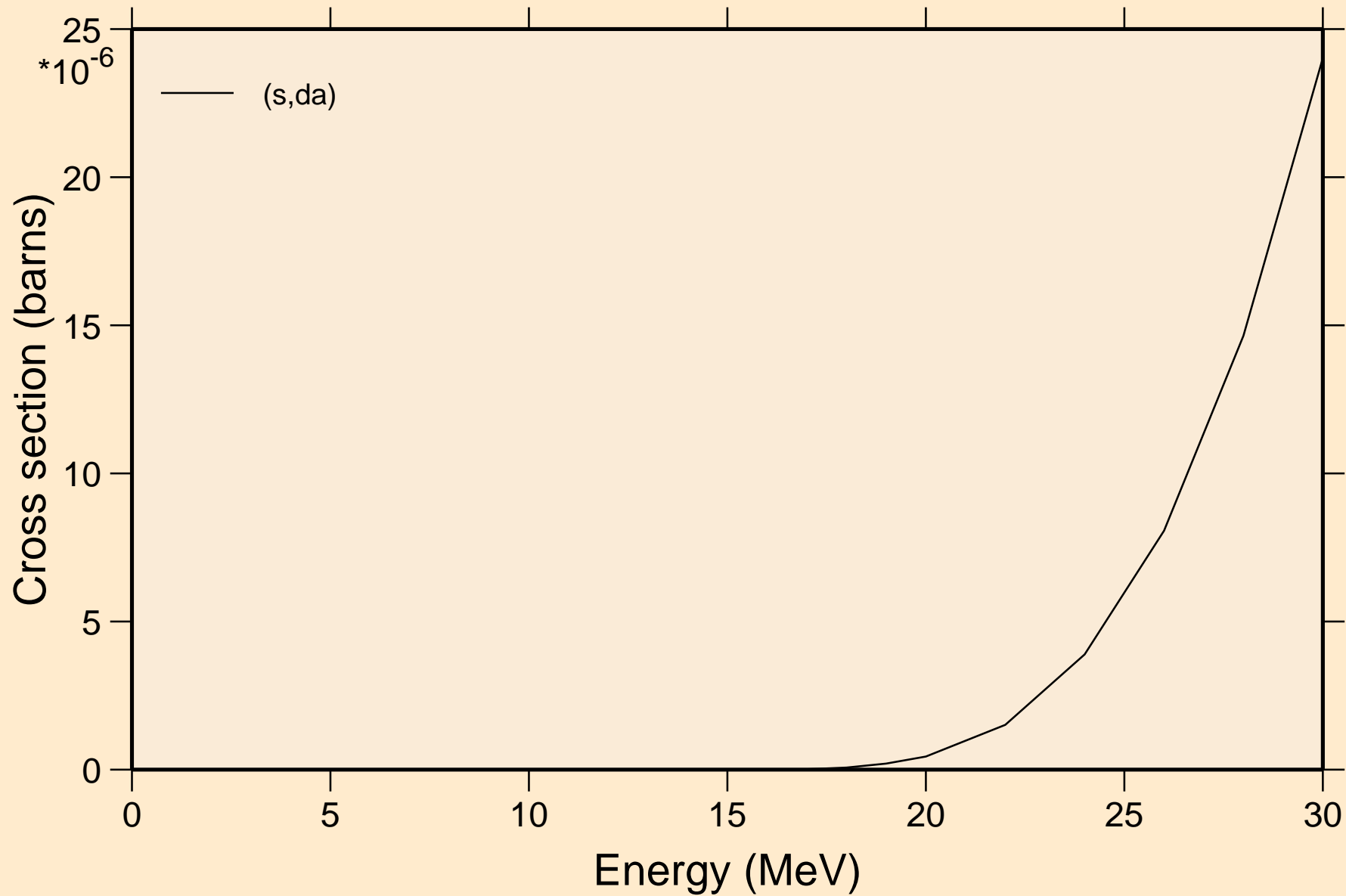
SM133 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



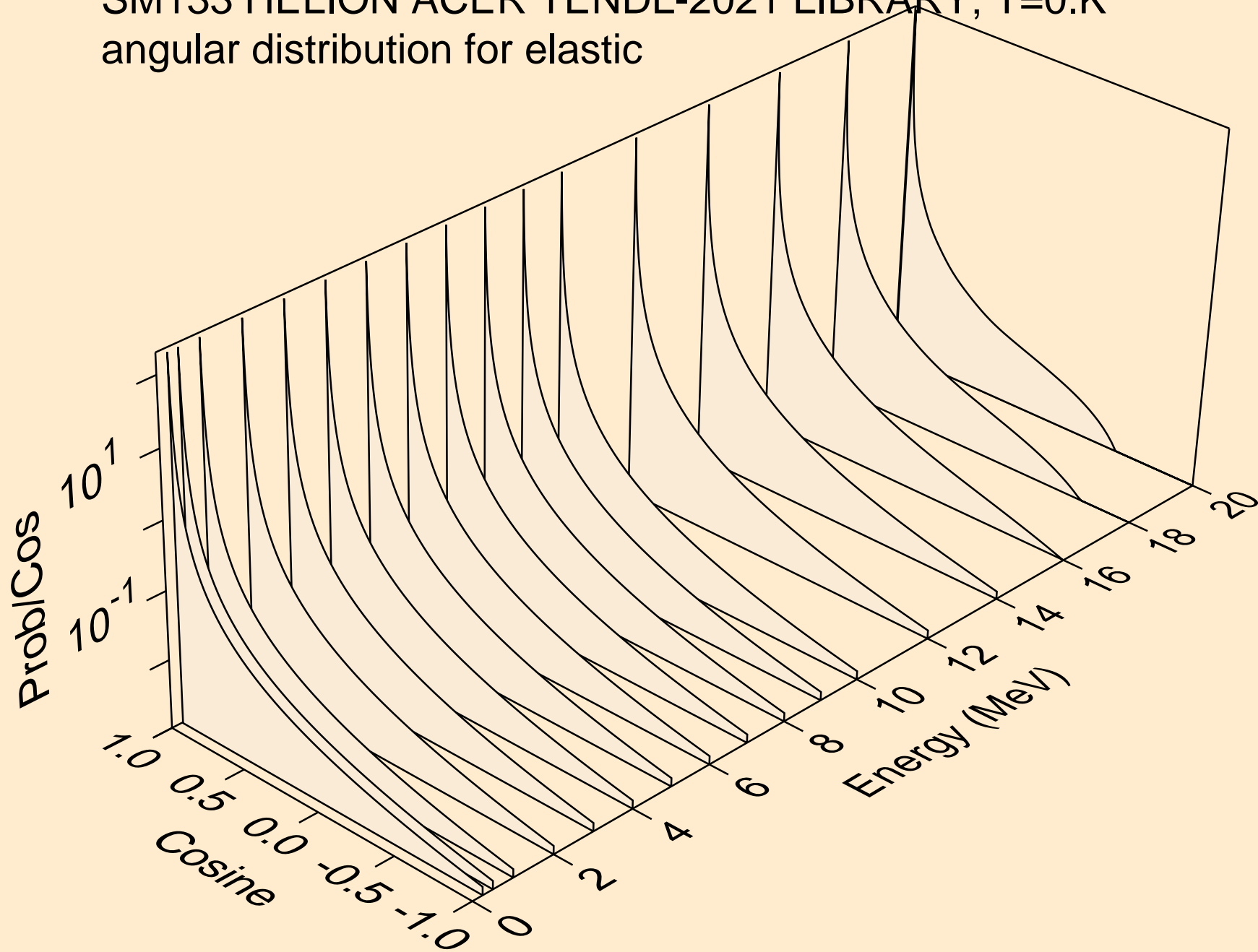
SM133 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



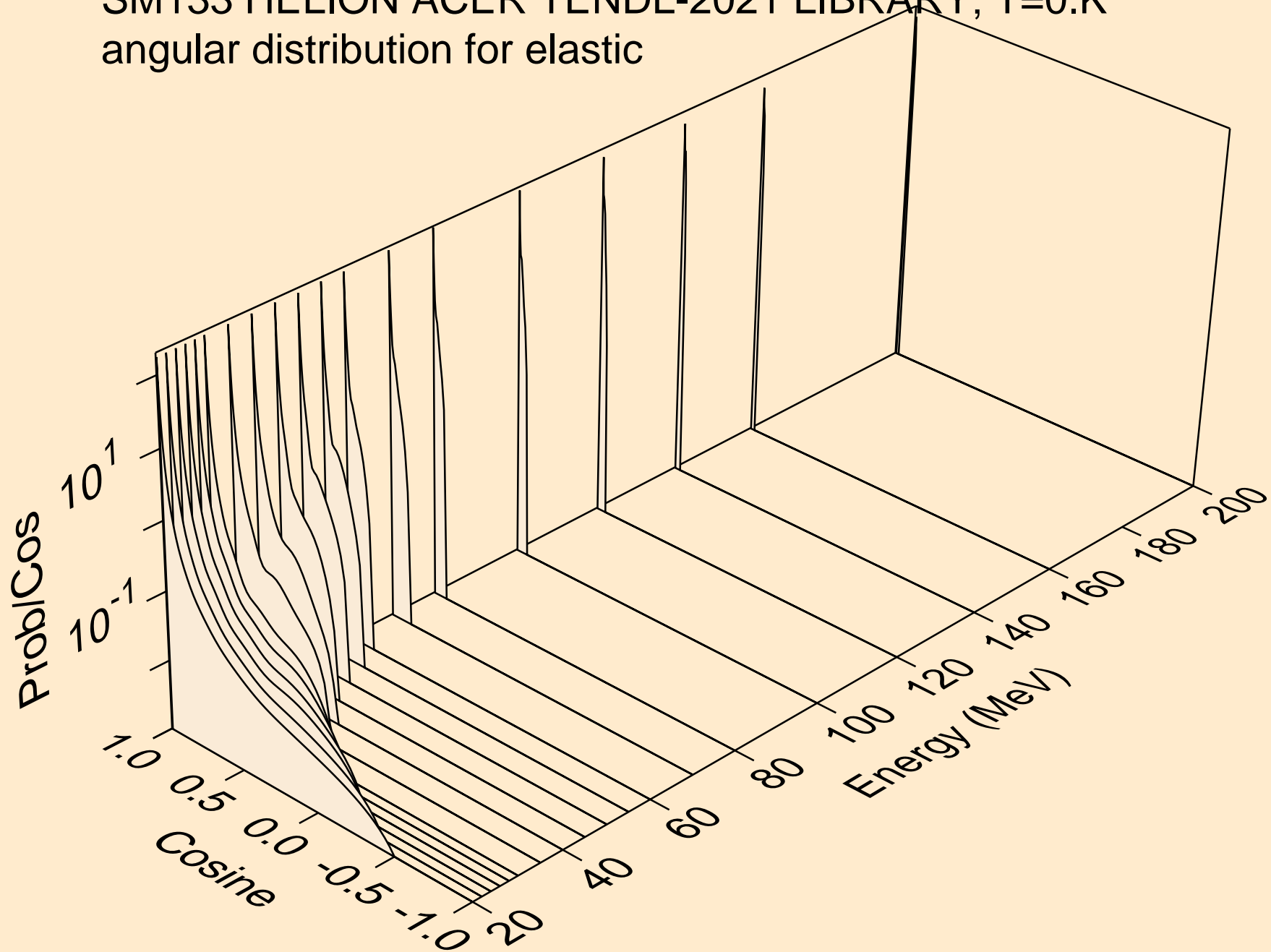
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Threshold reactions



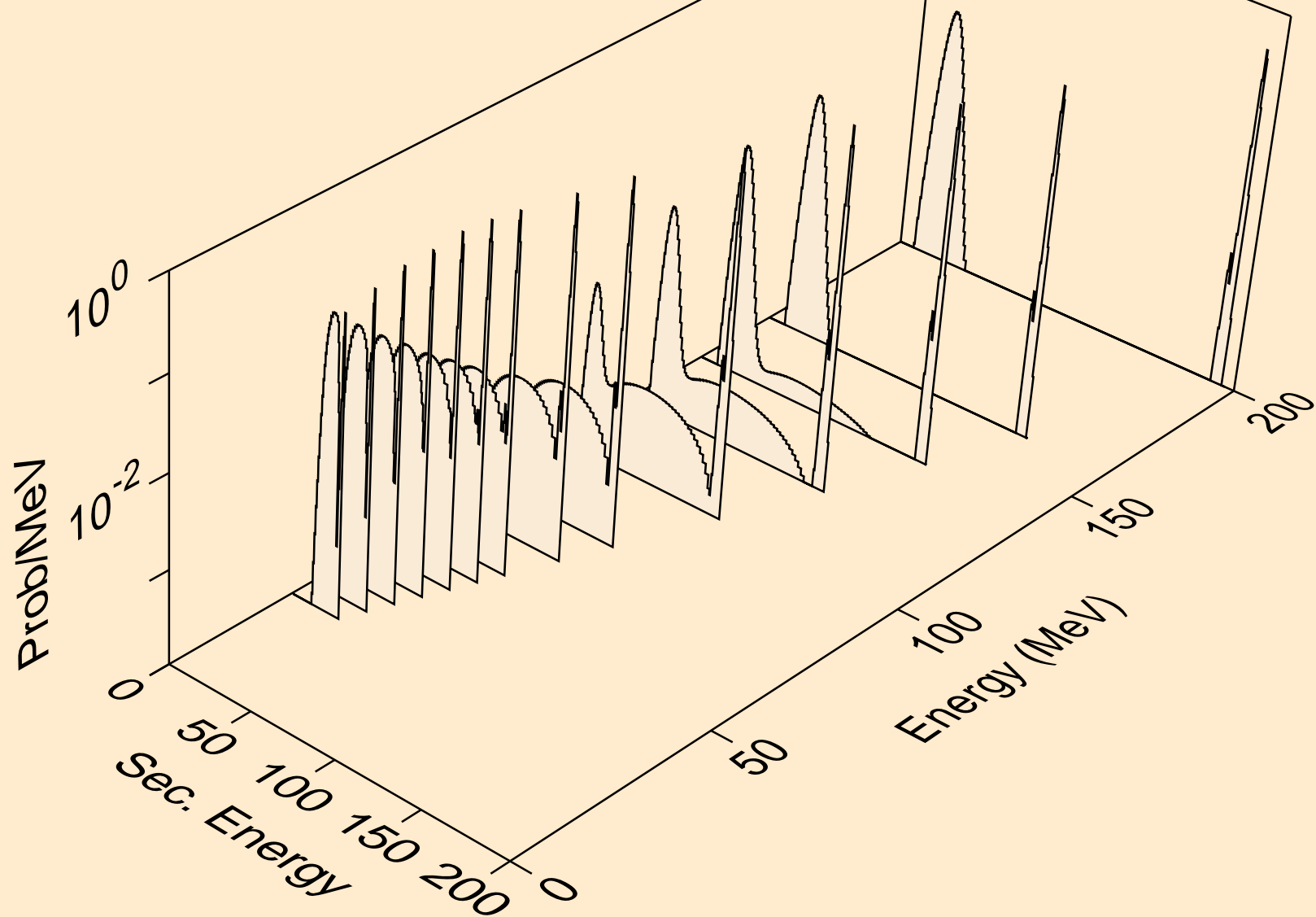
SM133 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



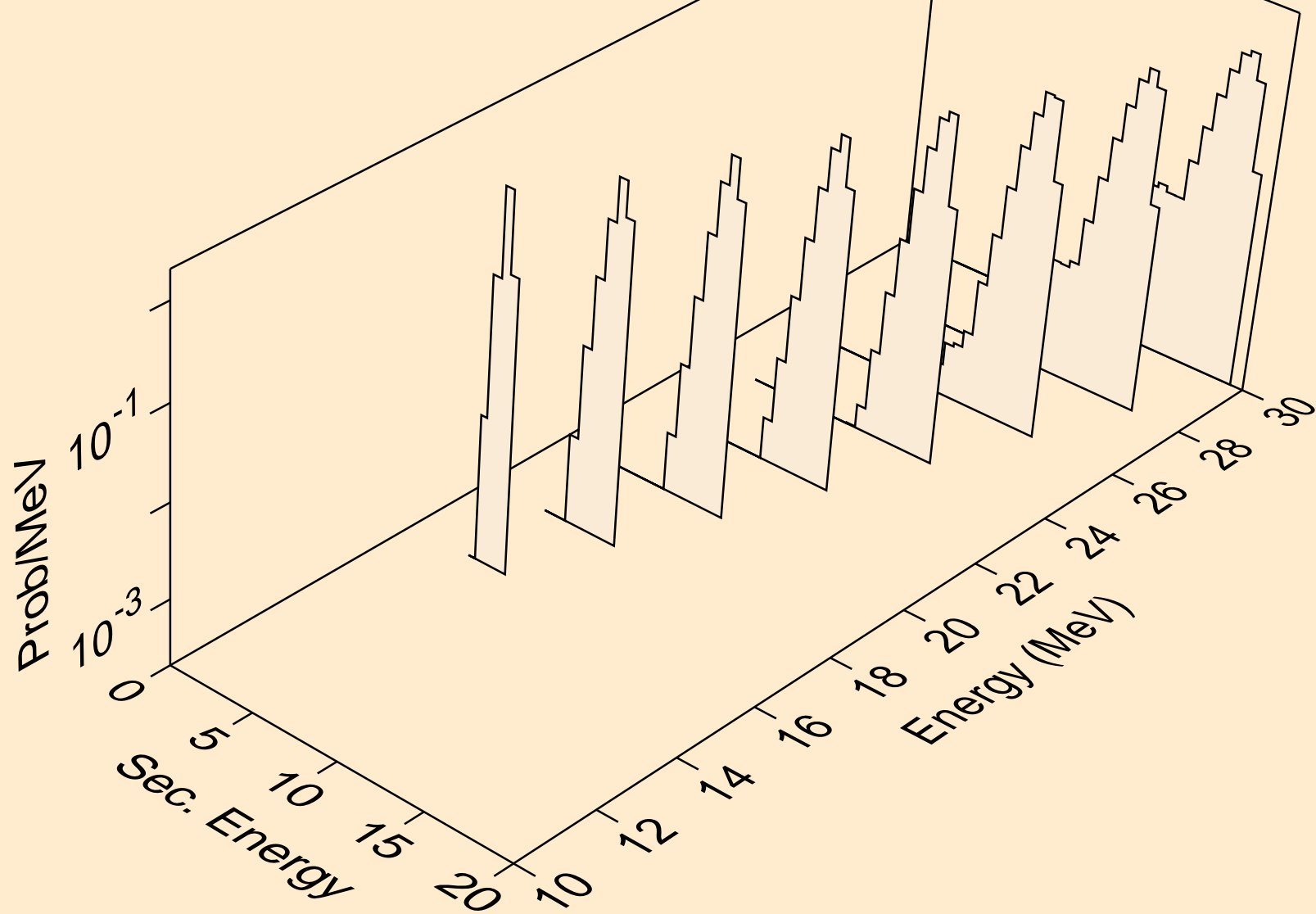
SM133 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



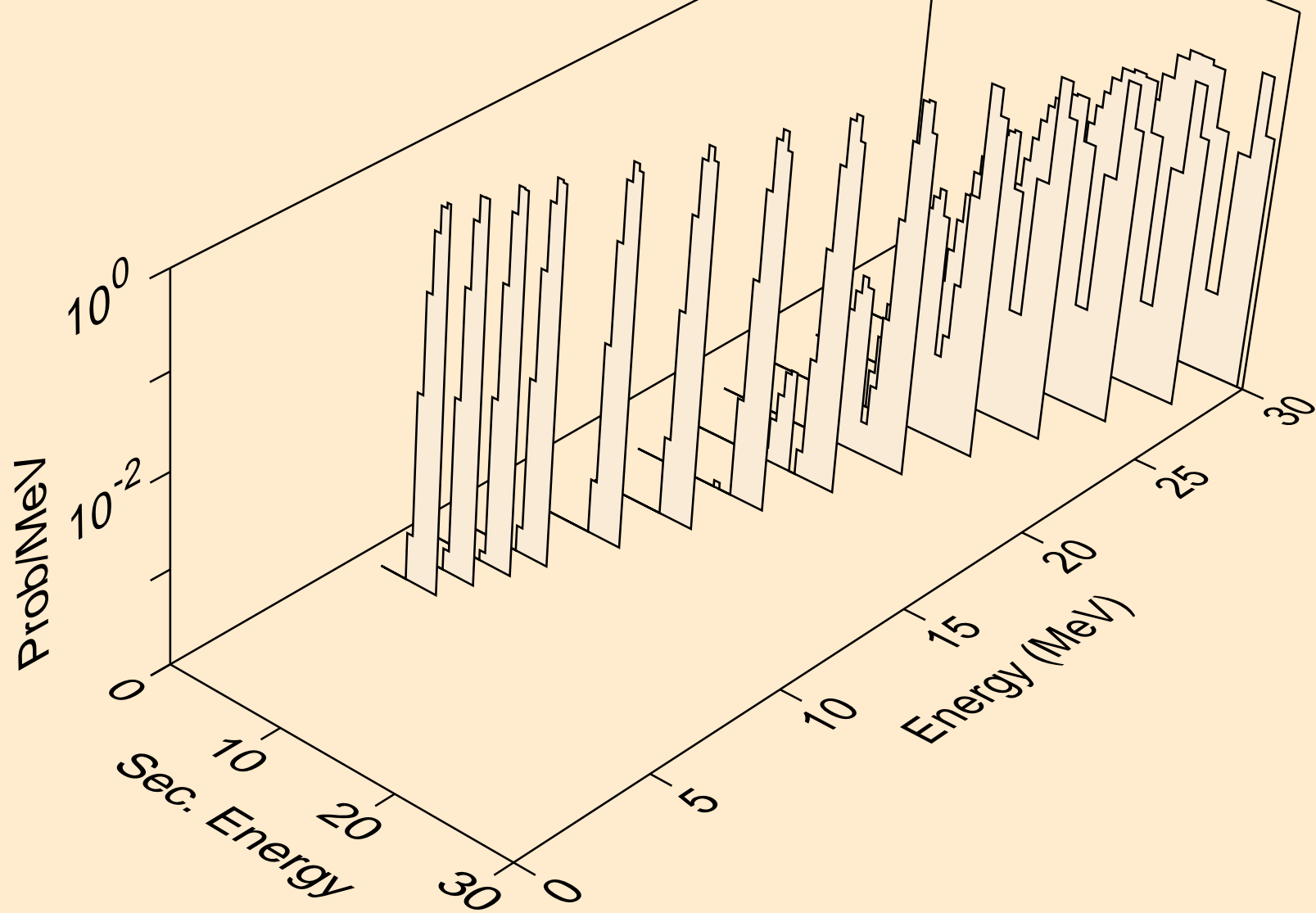
SM133 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,x)



SM133 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

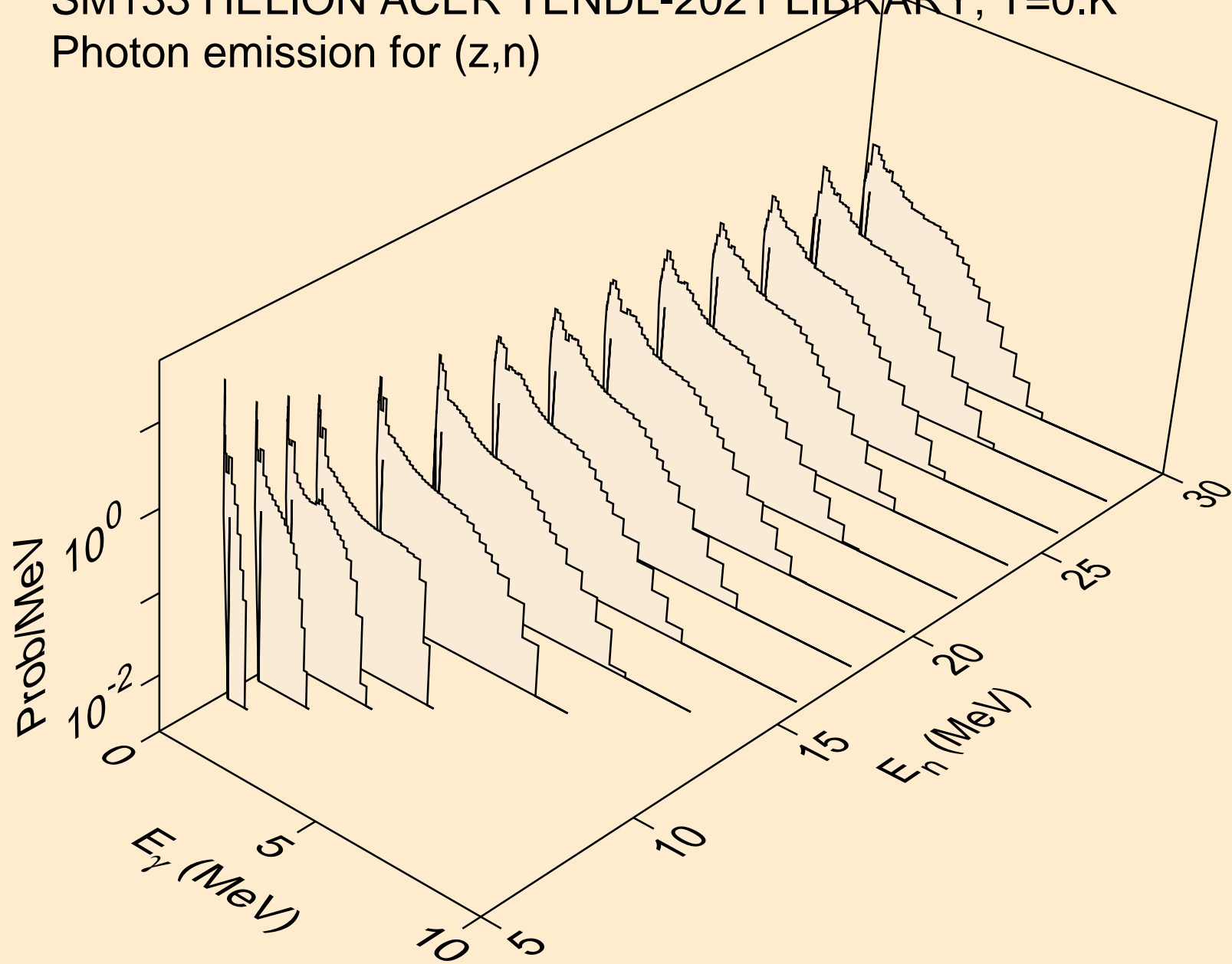


SM133 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for inelastic

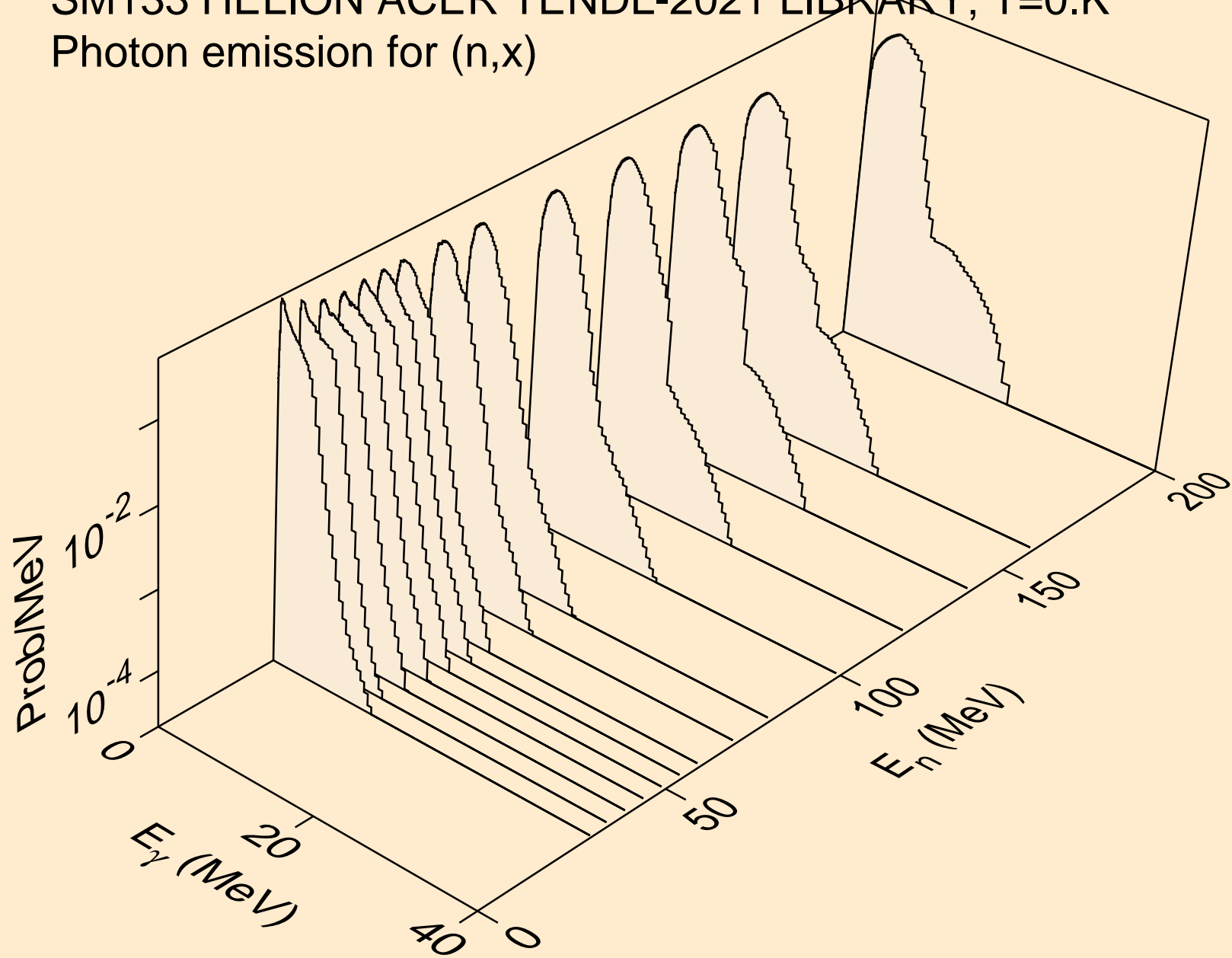




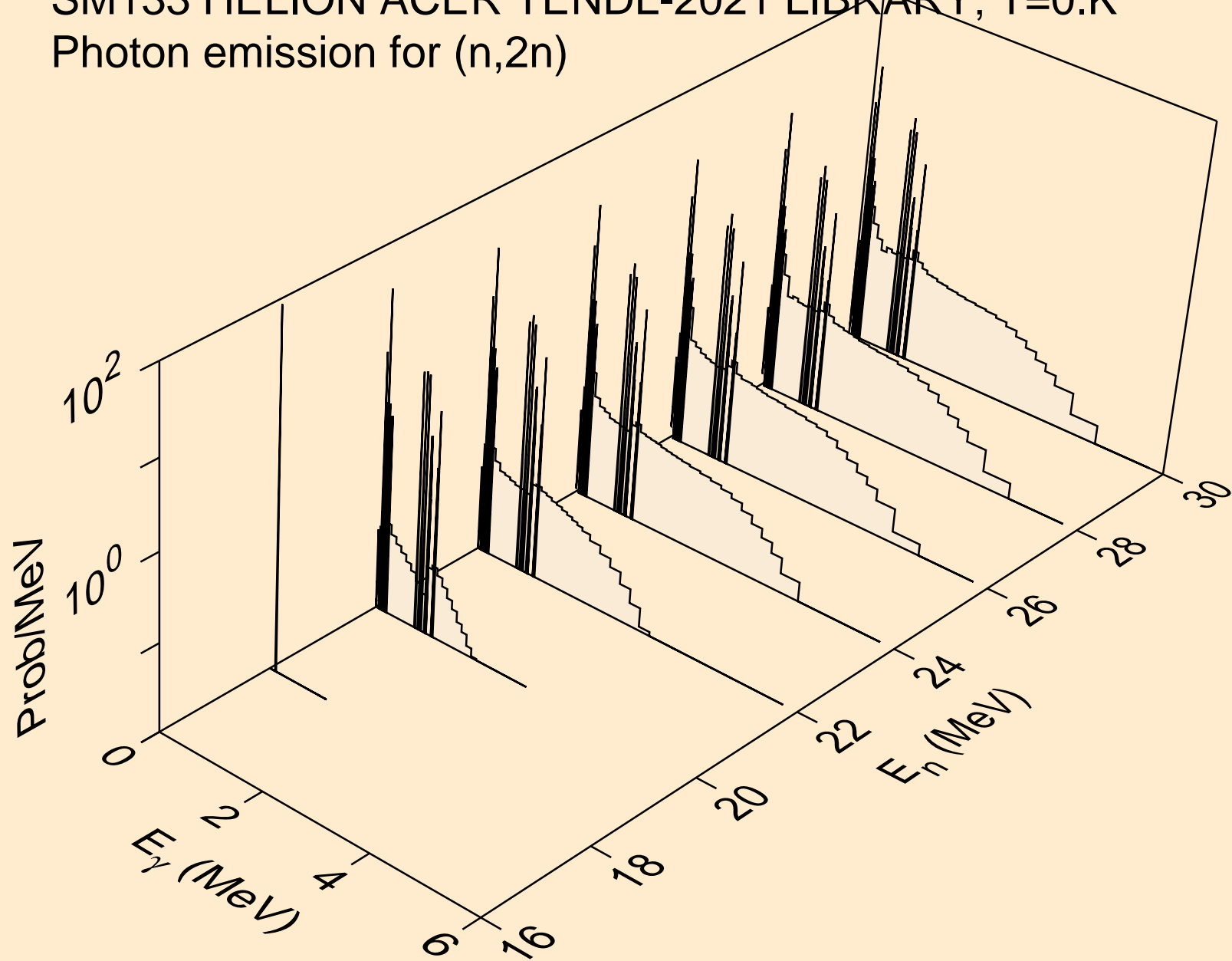
SM133 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



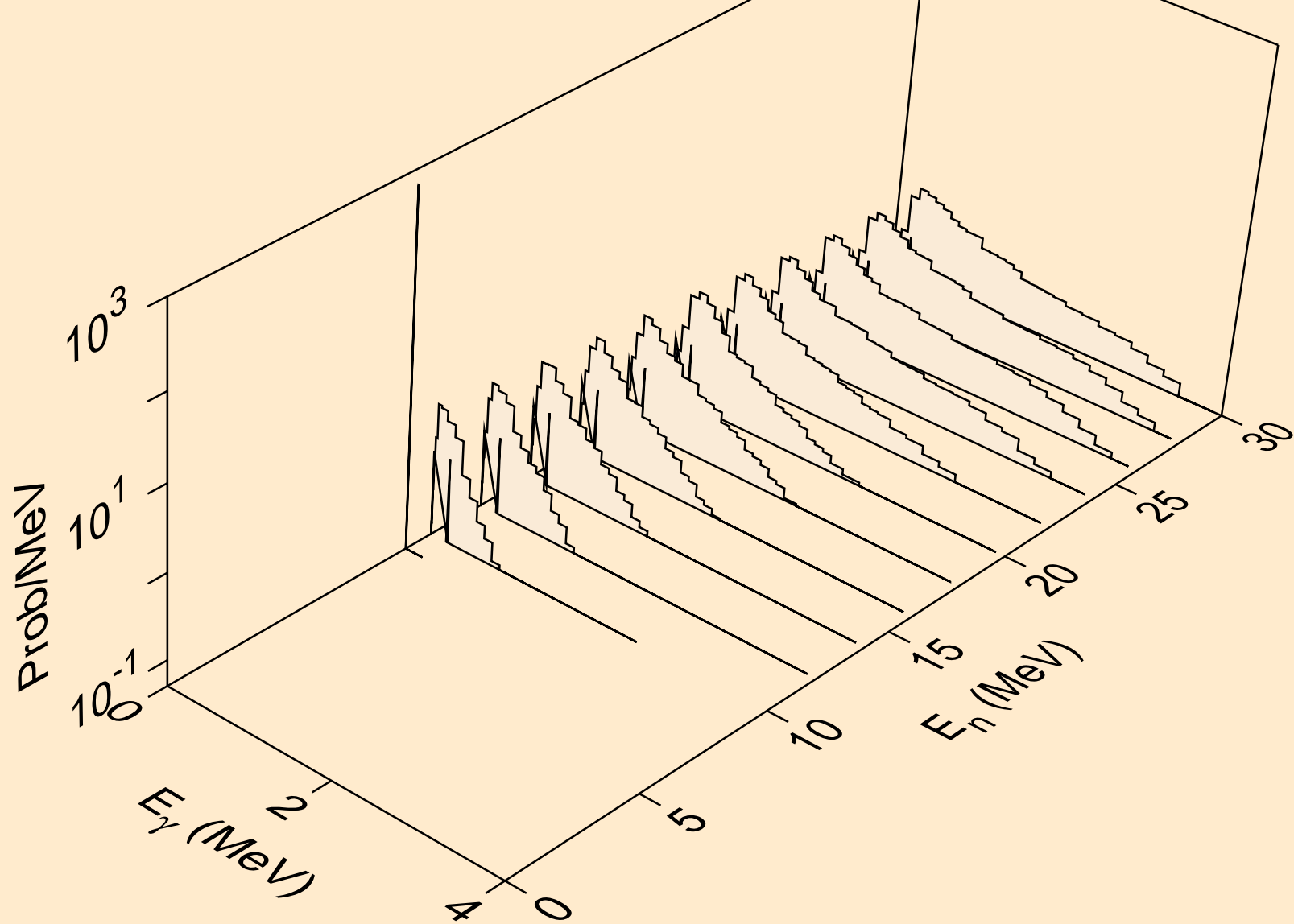
SM133 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



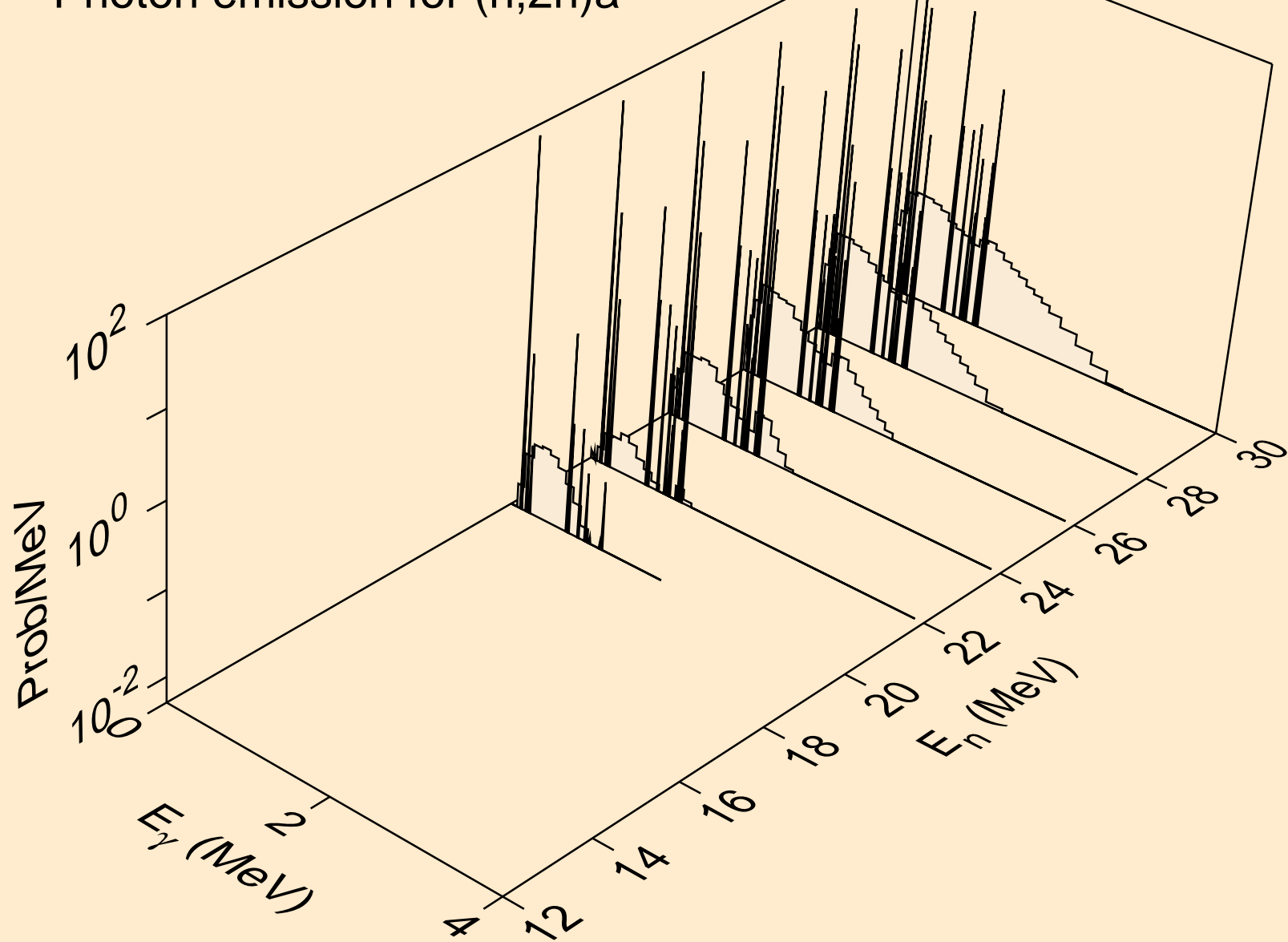
SM133 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



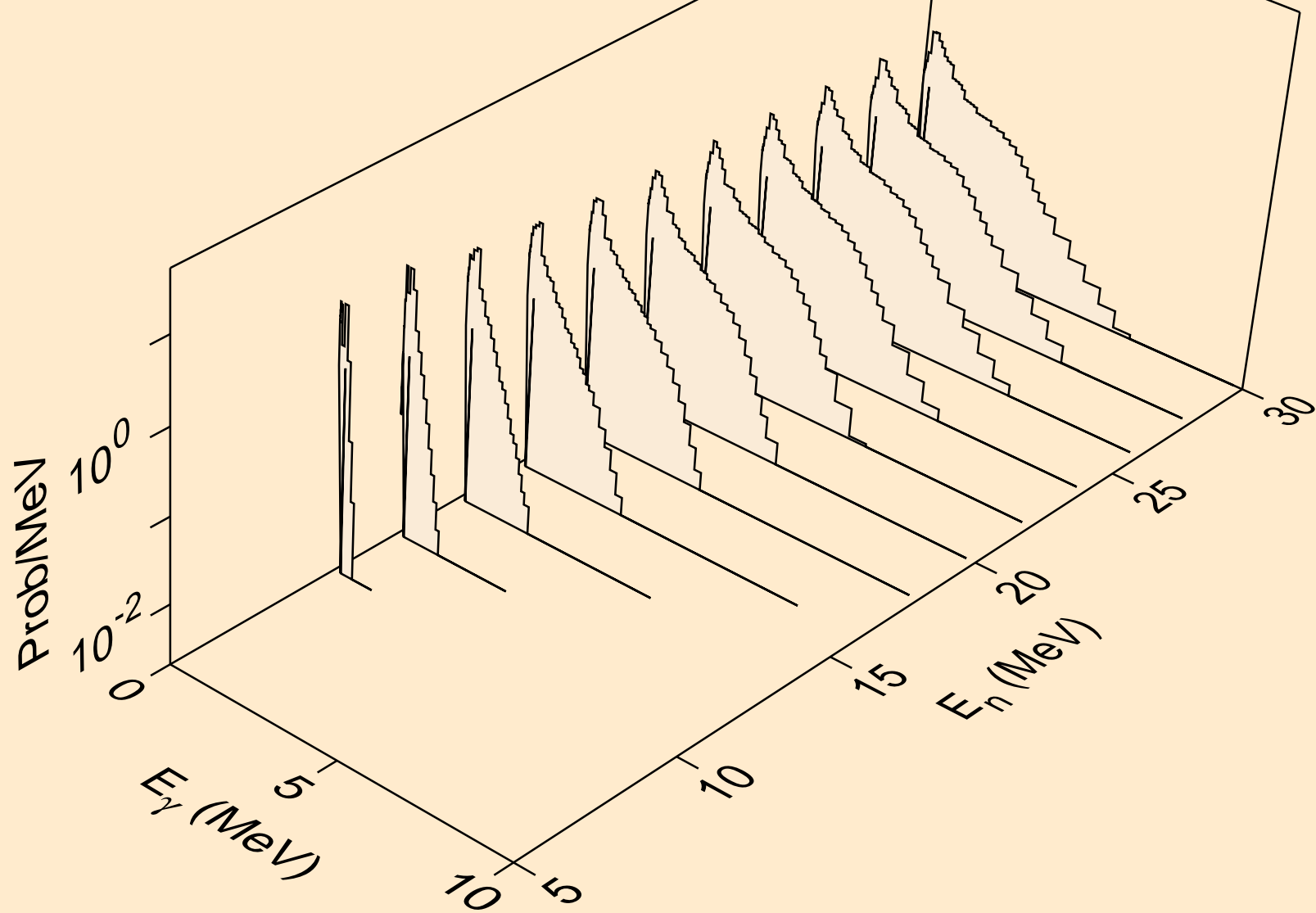
SM133 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



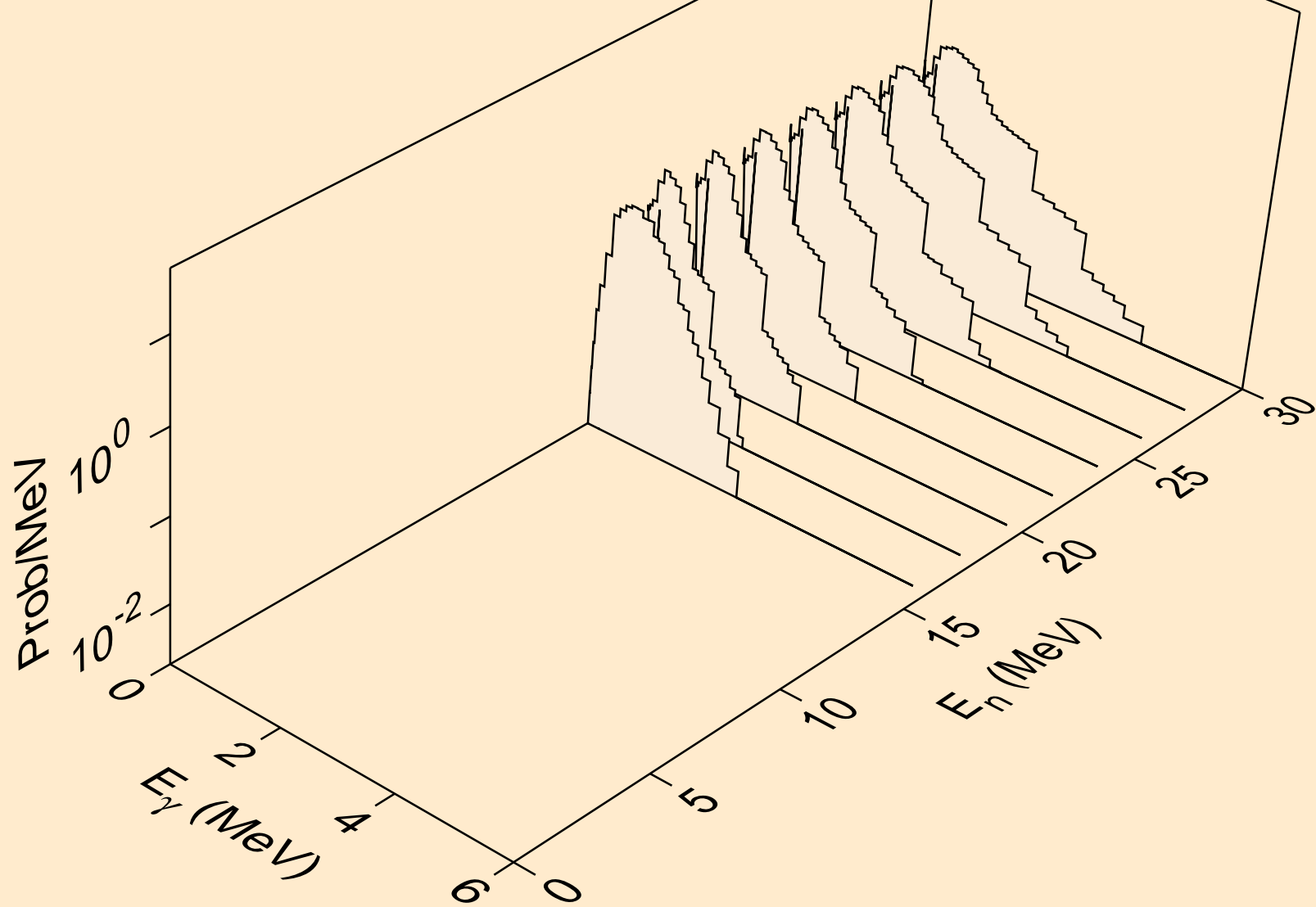
SM133 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a



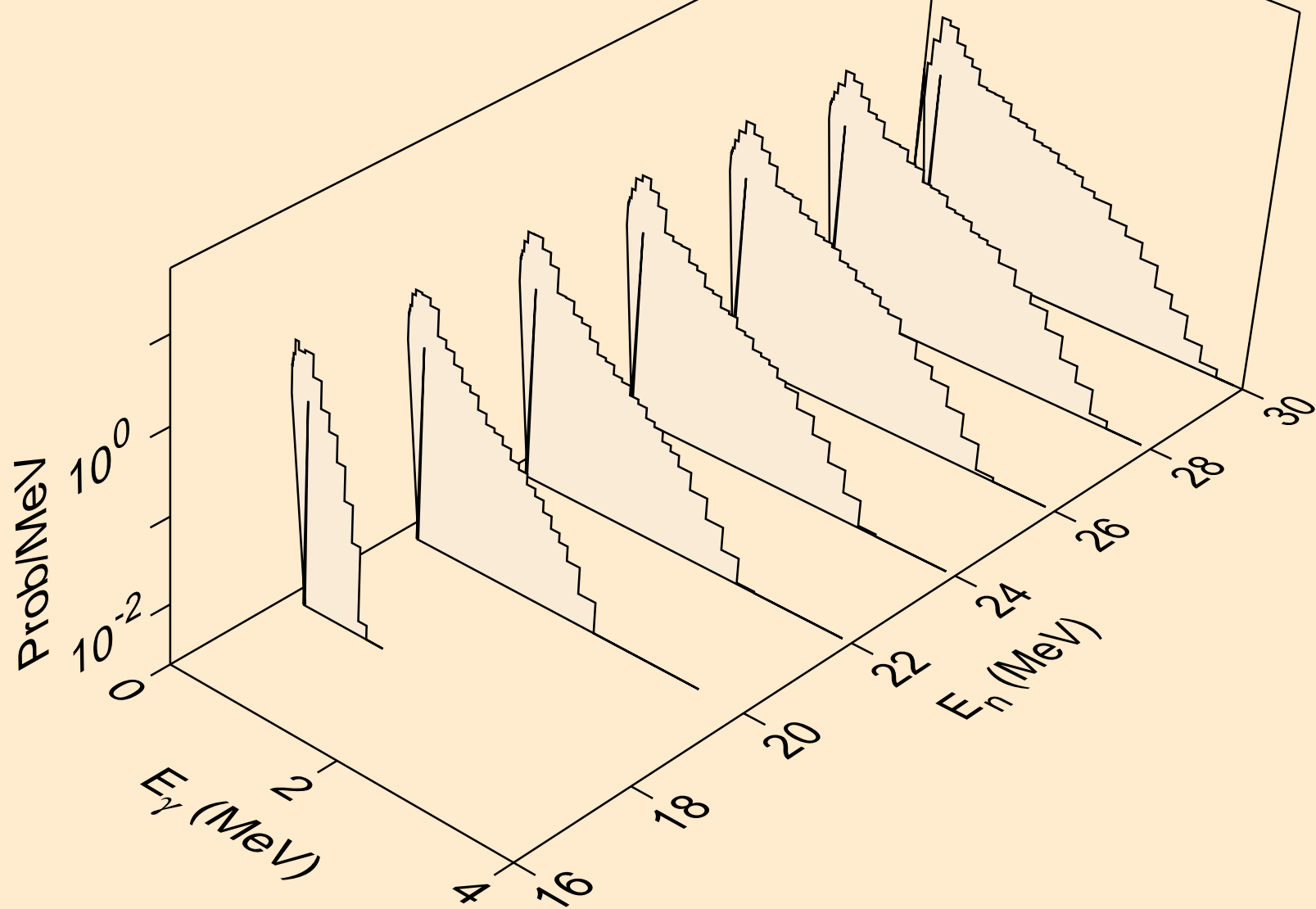
SM133 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



SM133 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a

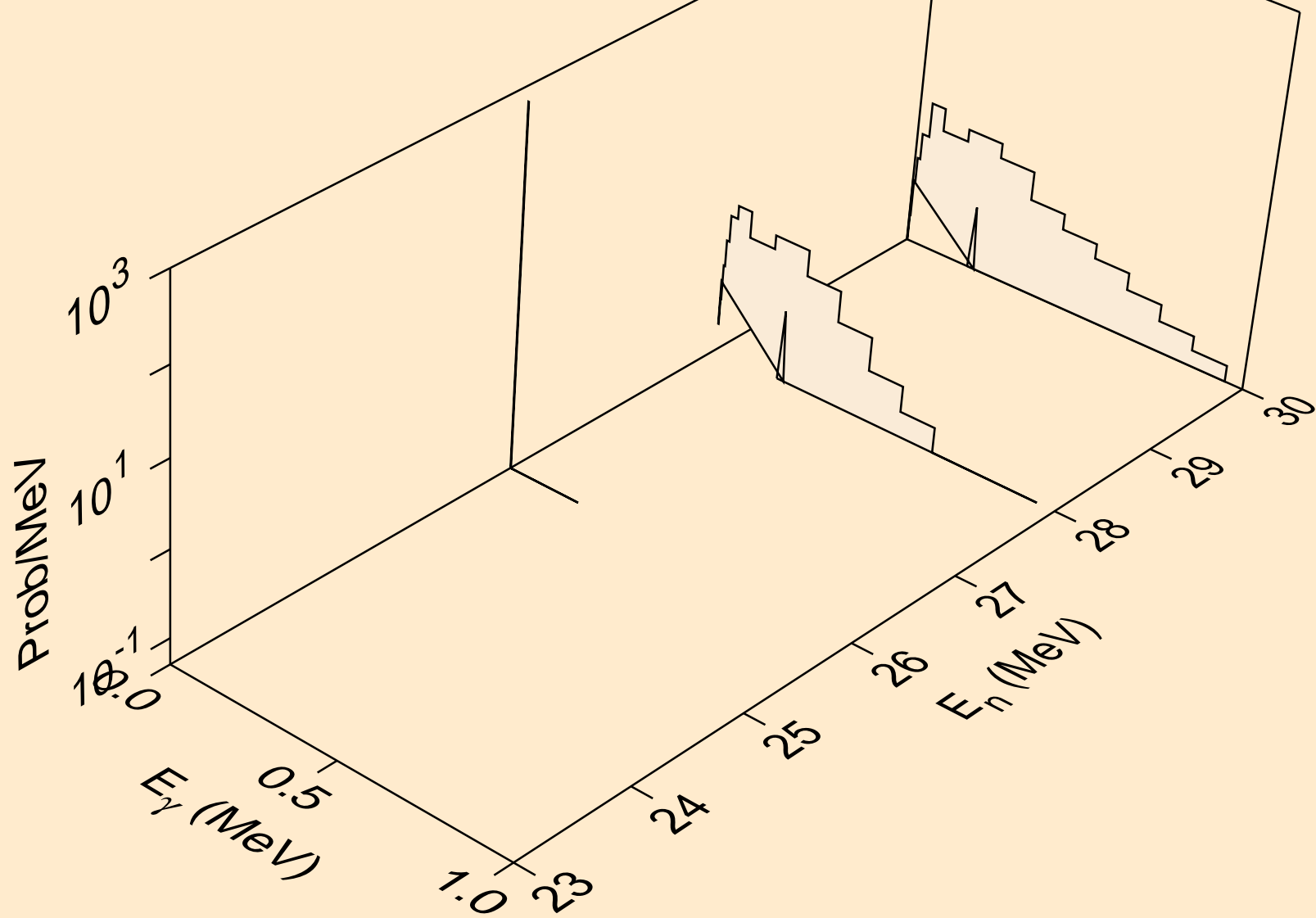


SM133 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

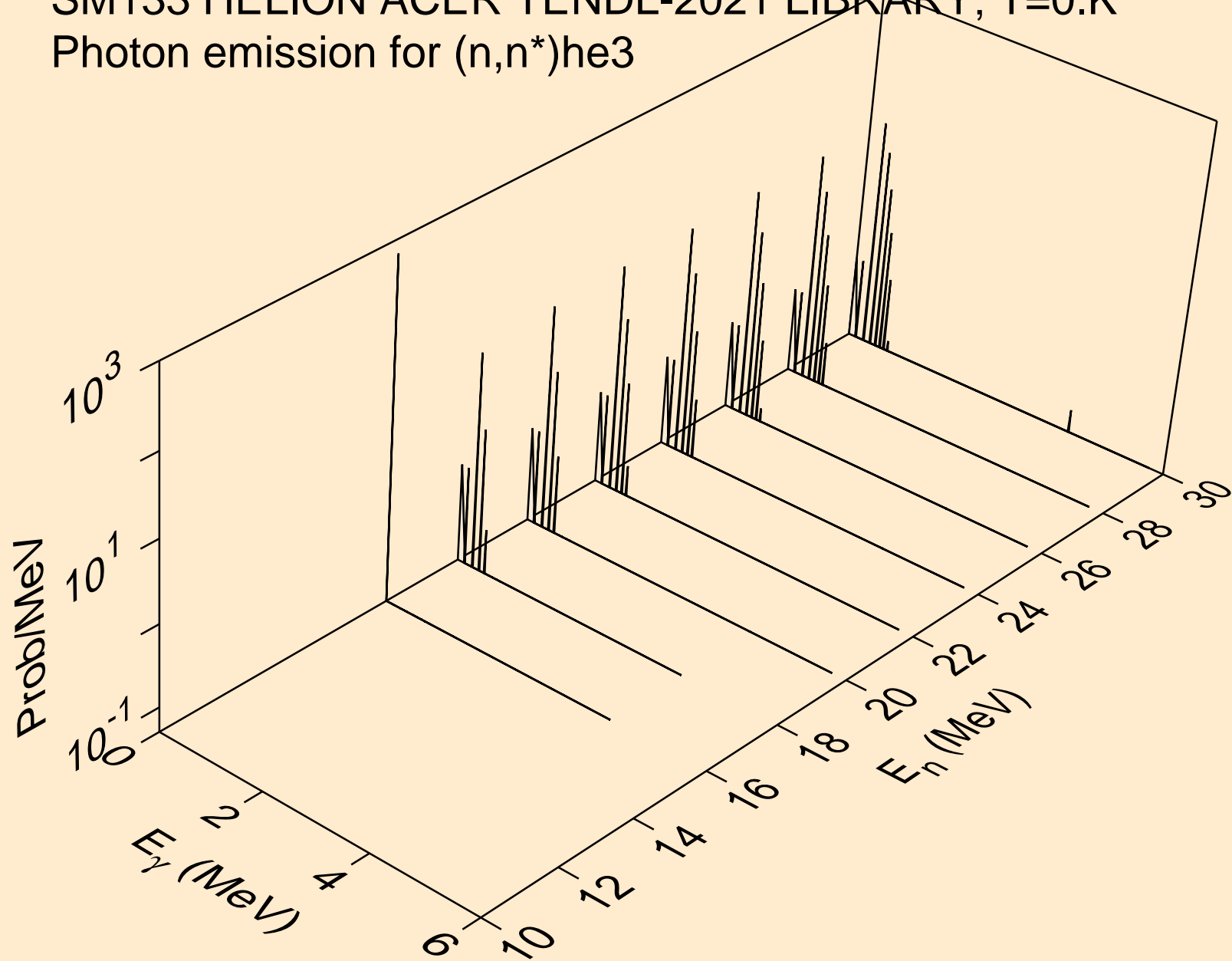




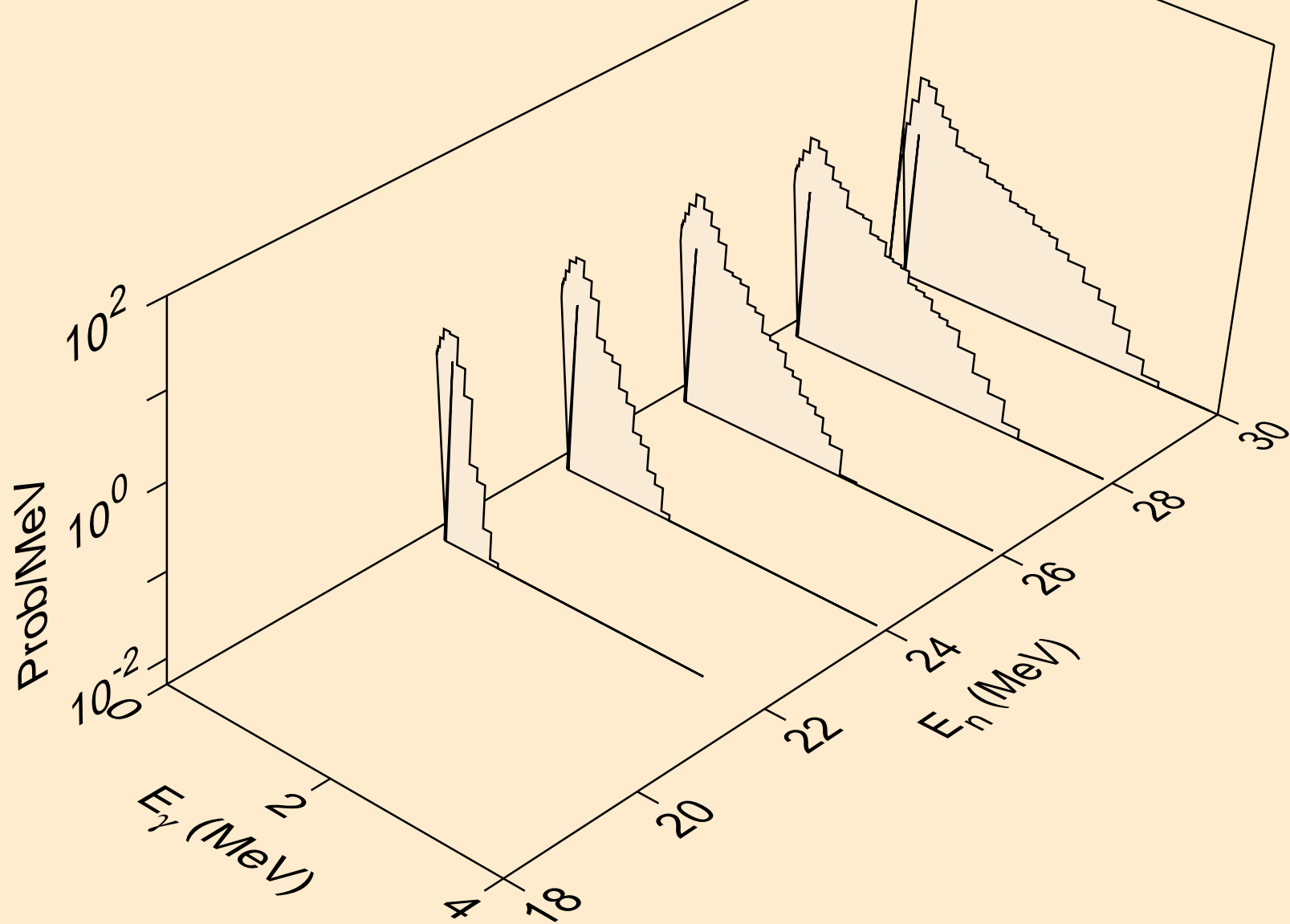
SM133 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



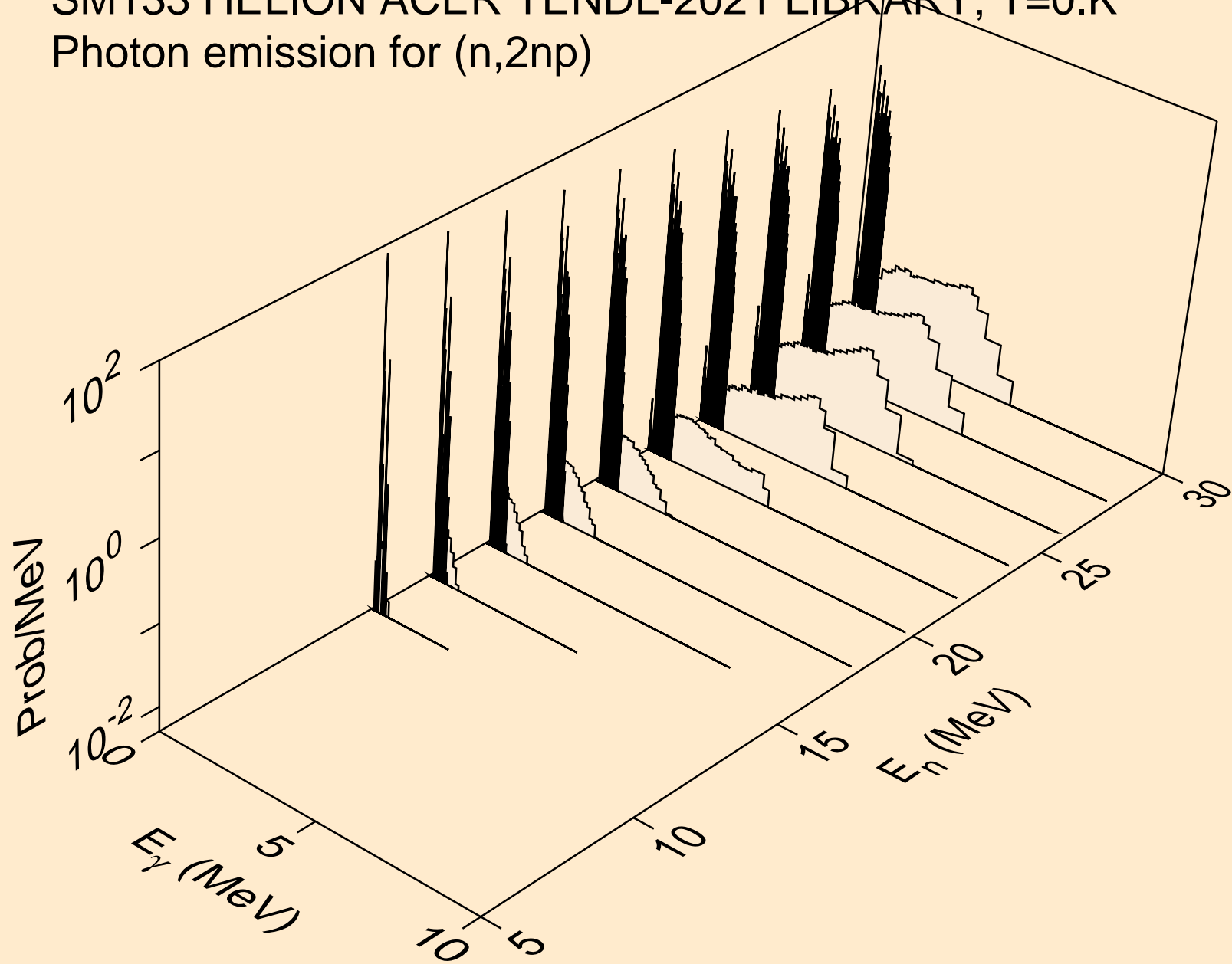
SM133 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



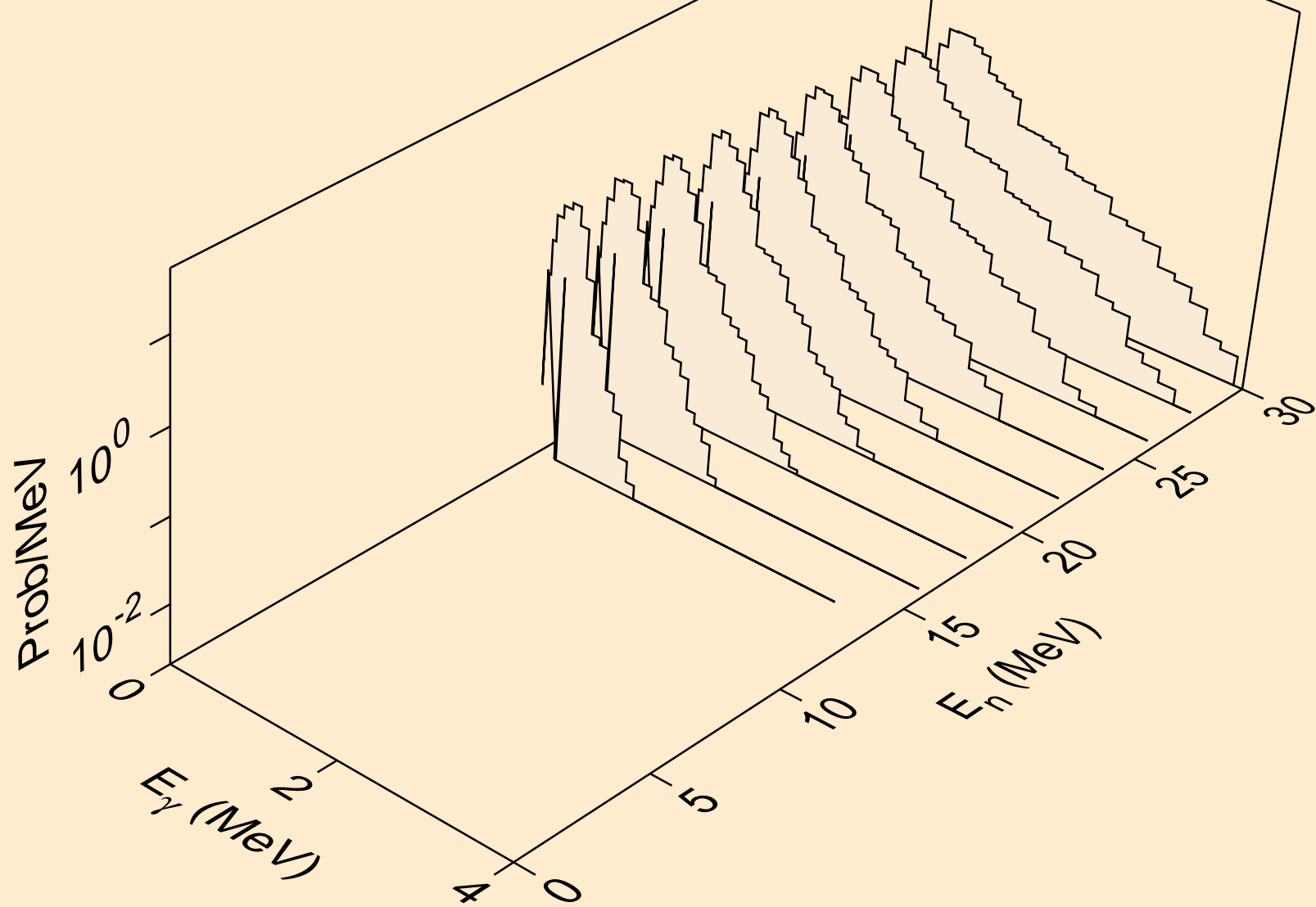
SM133 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



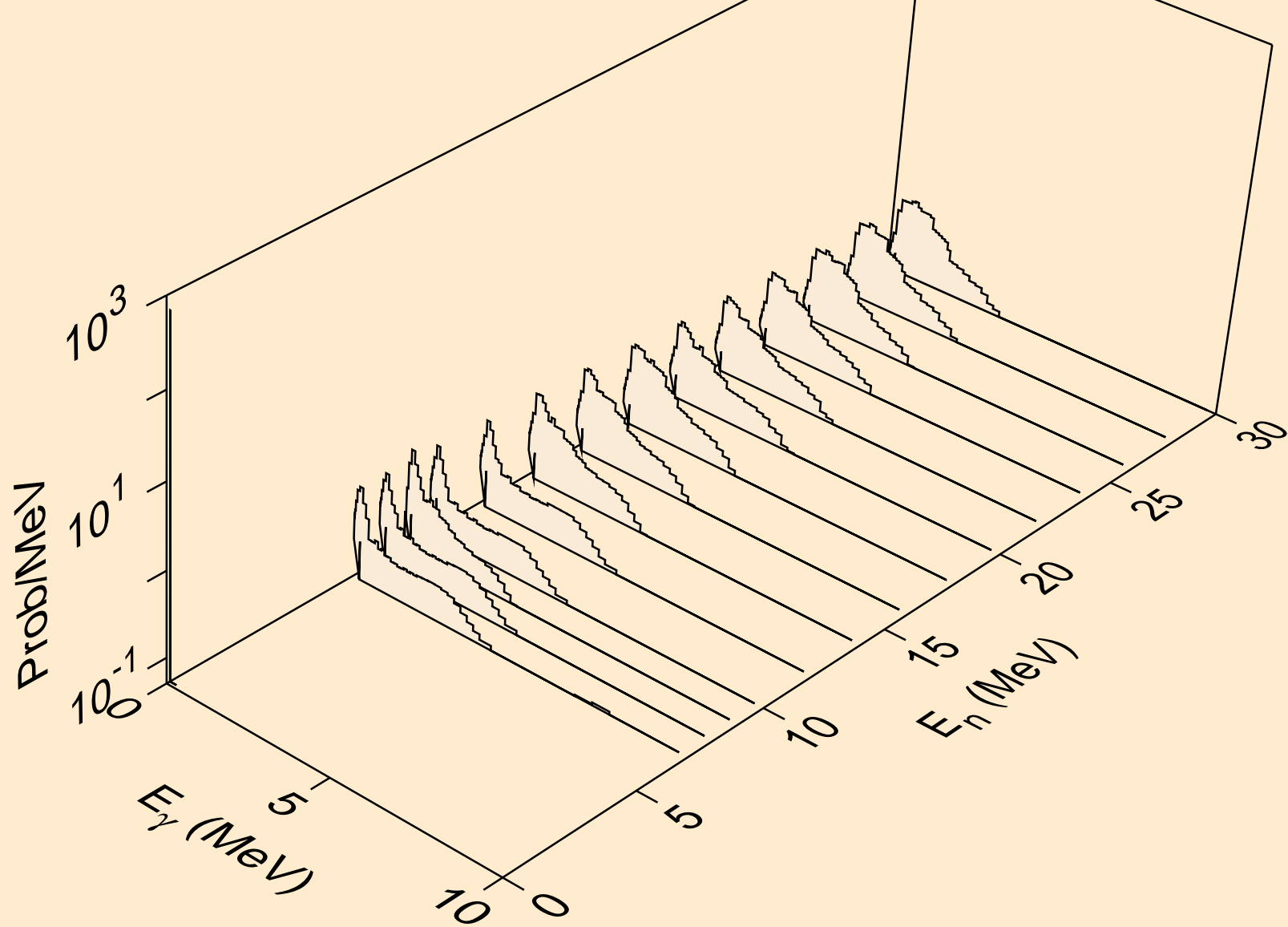
SM133 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



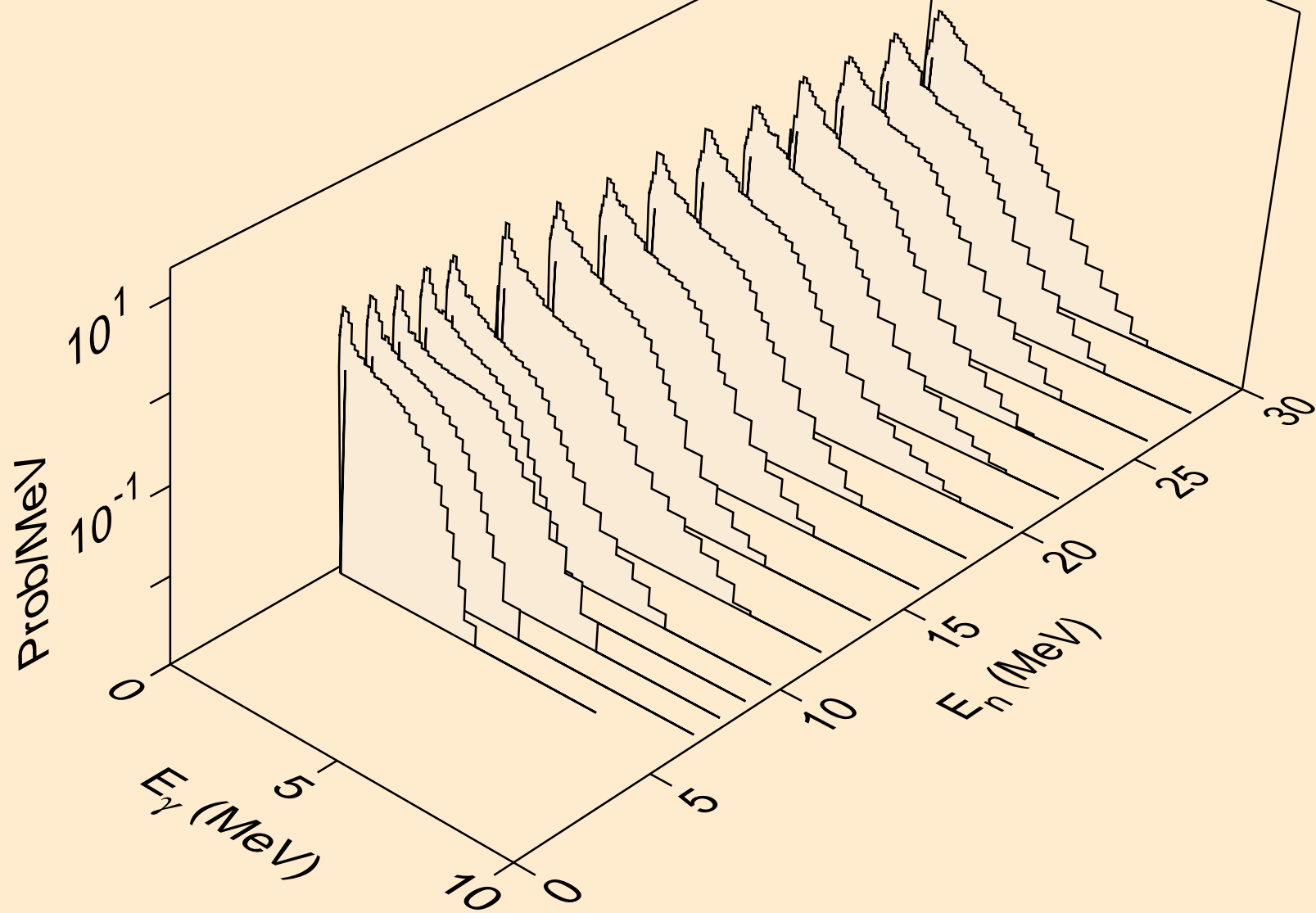
SM133 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,npa)



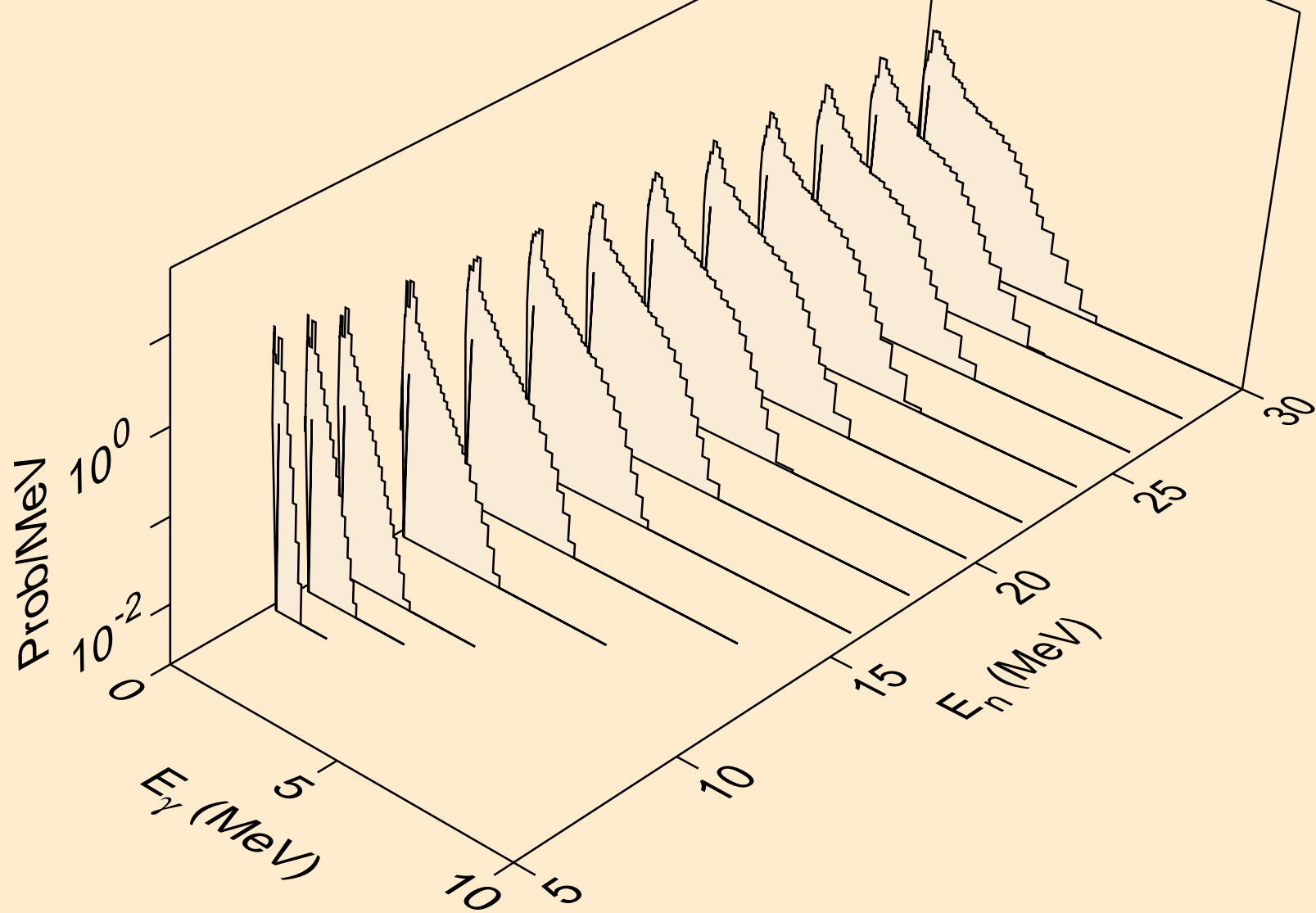
SM133 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,gma)



SM133 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p)

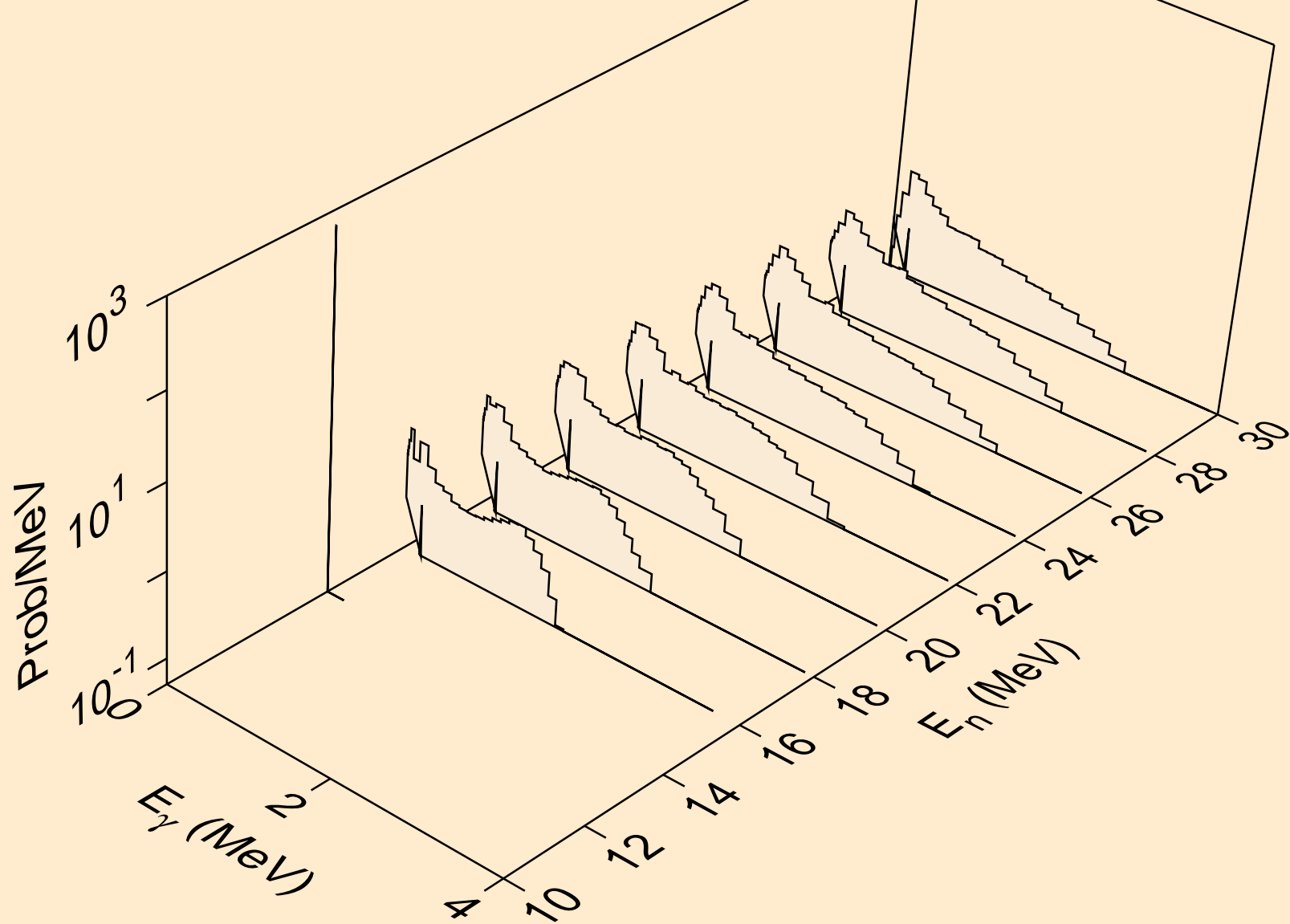


SM133 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)

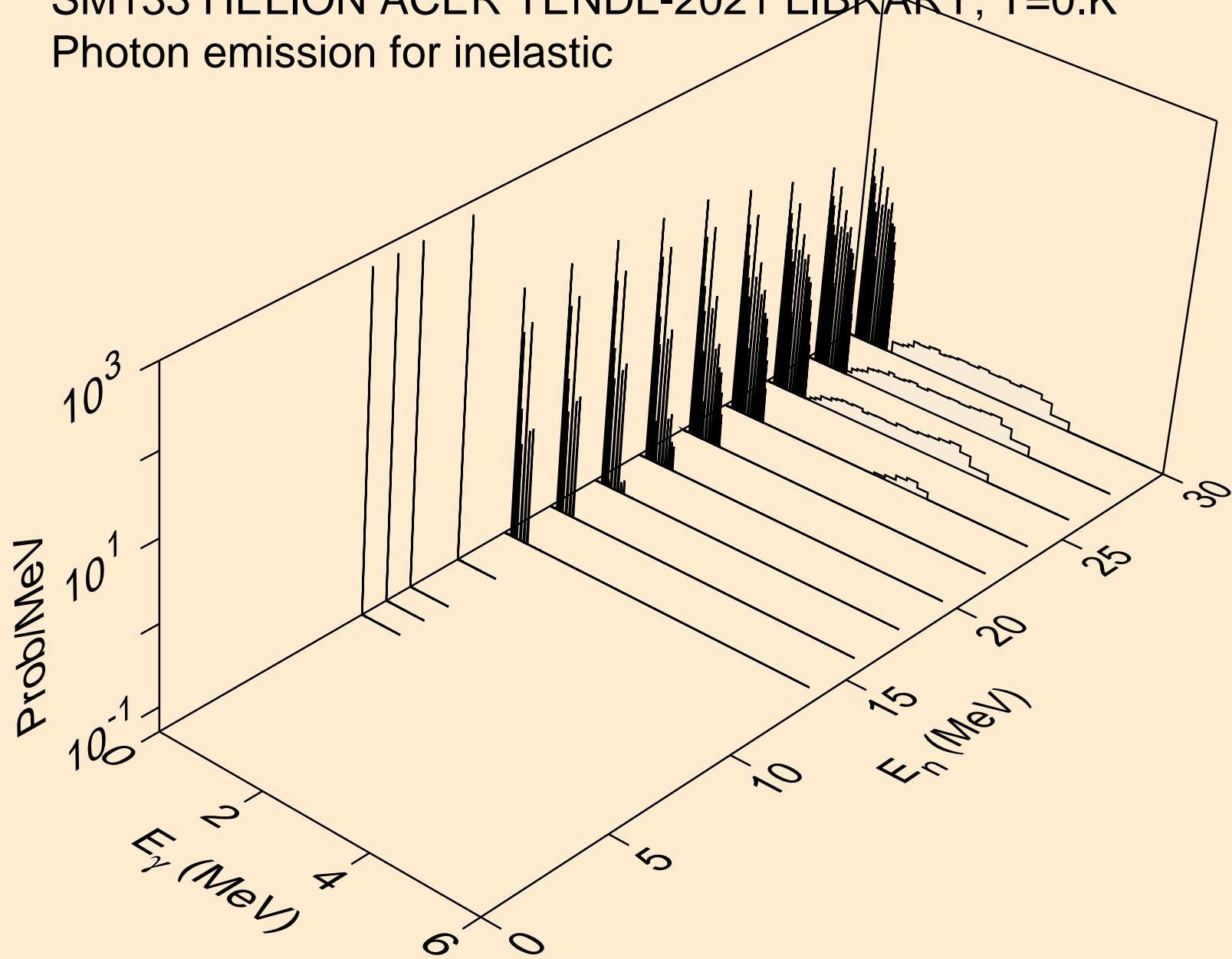




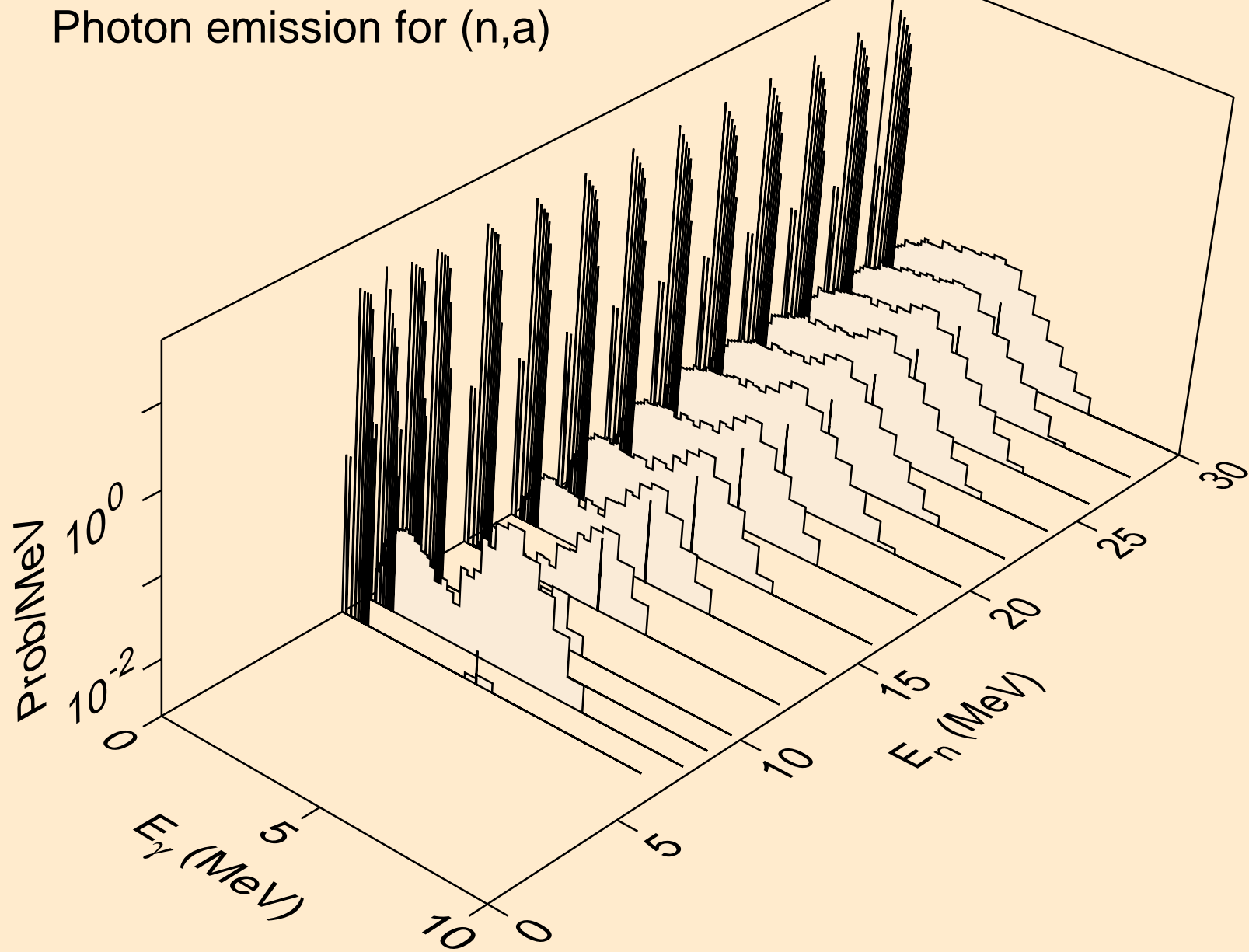
SM133 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)



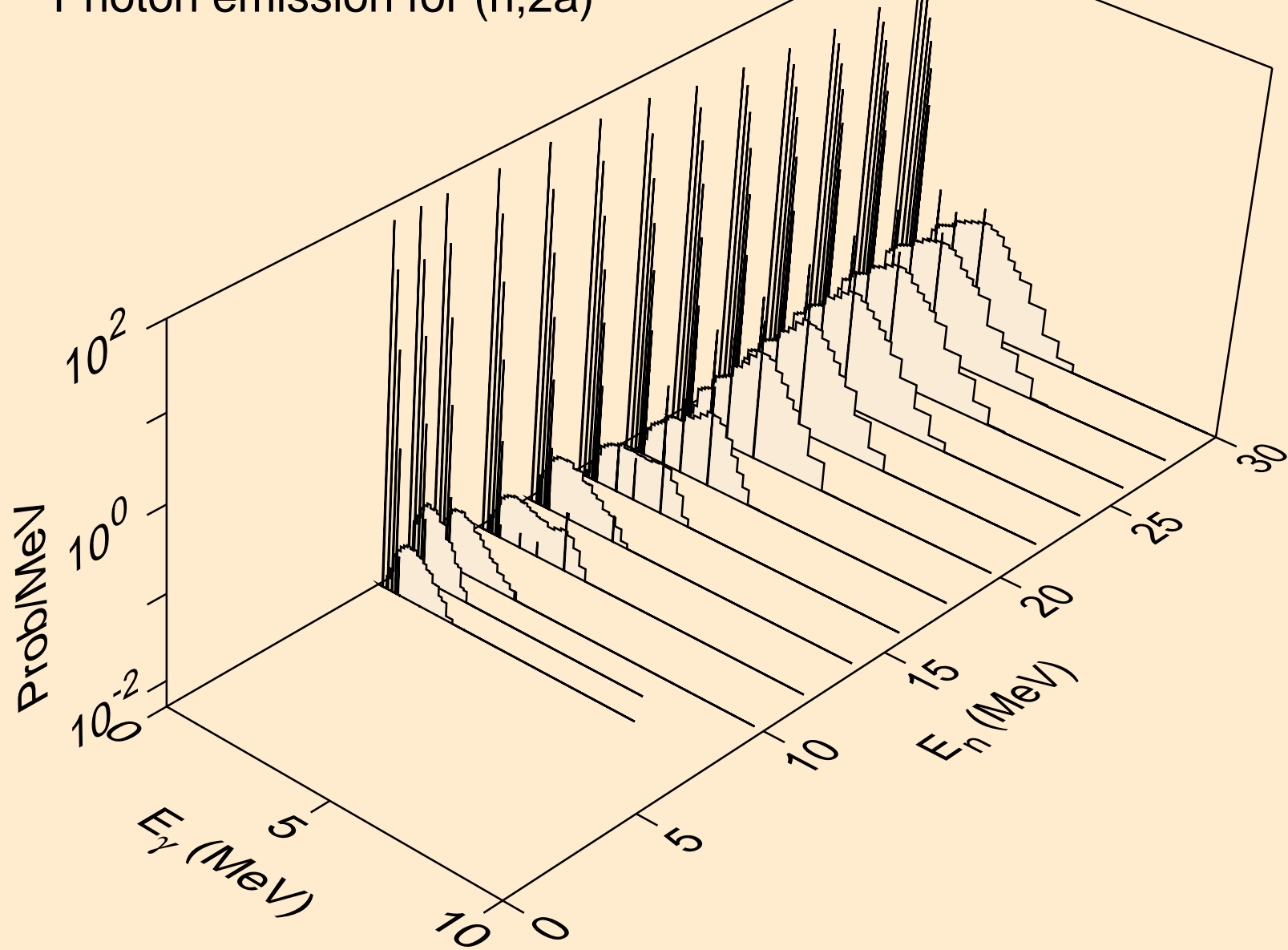
SM133 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



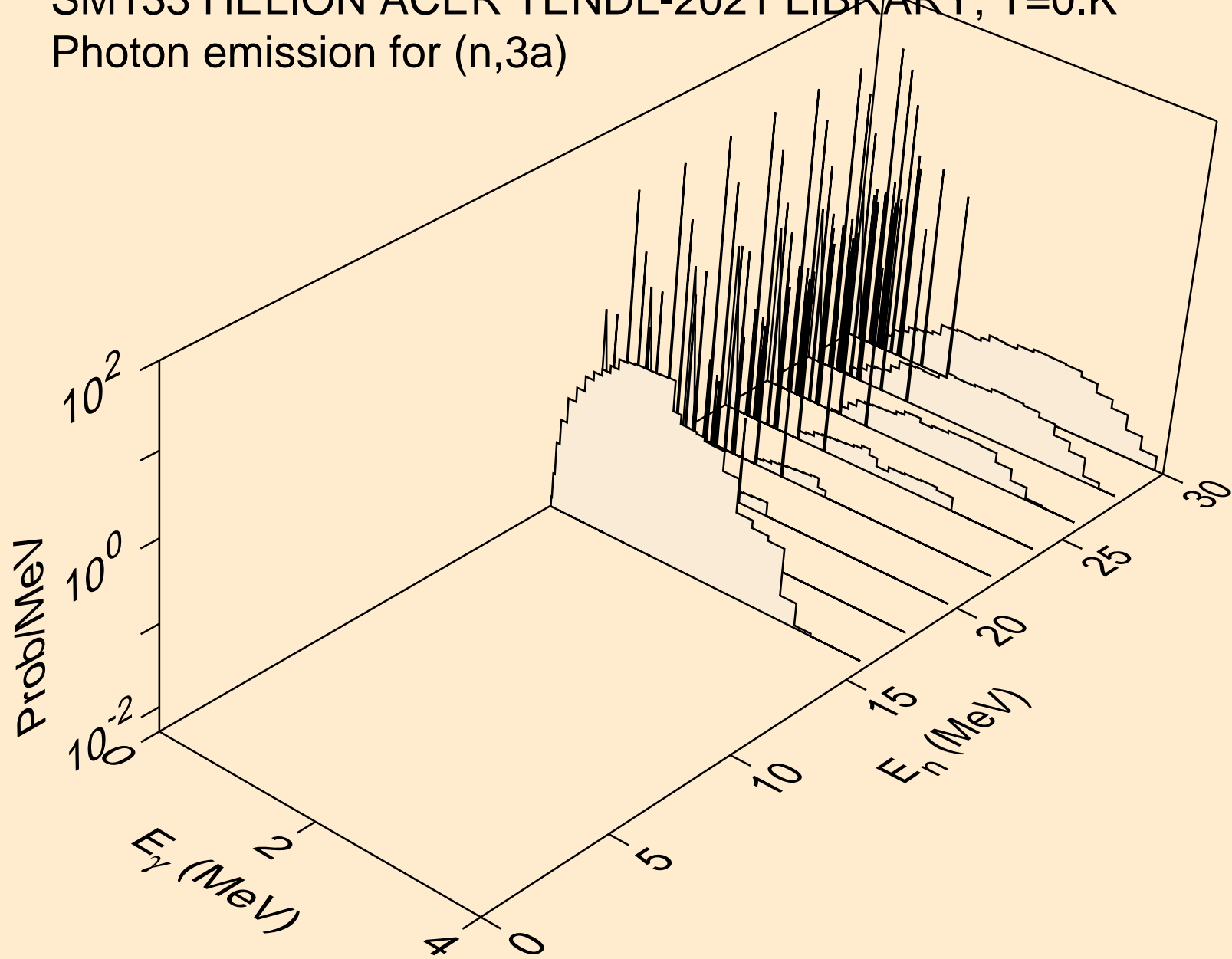
SM133 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,a)



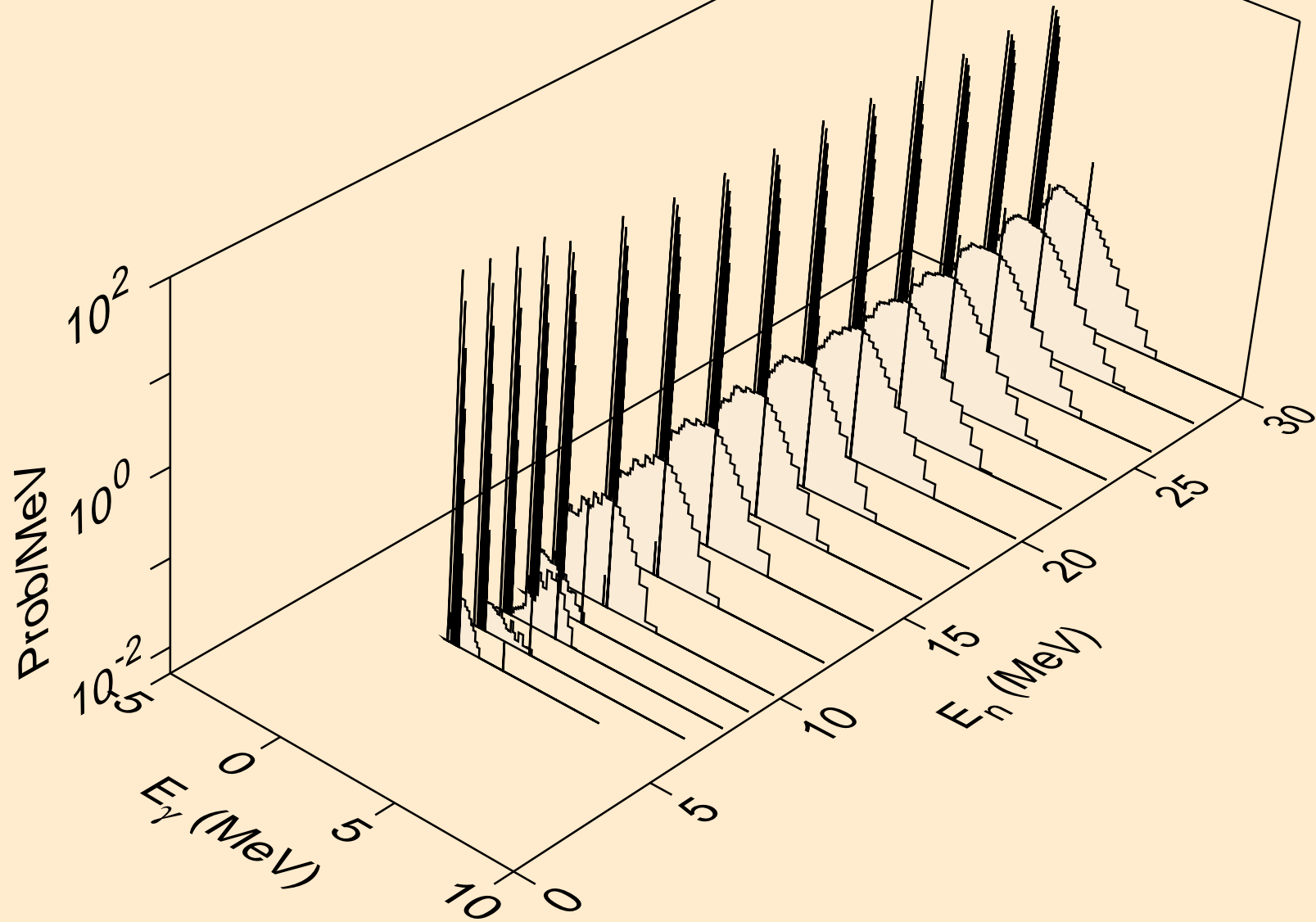
SM133 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2a)



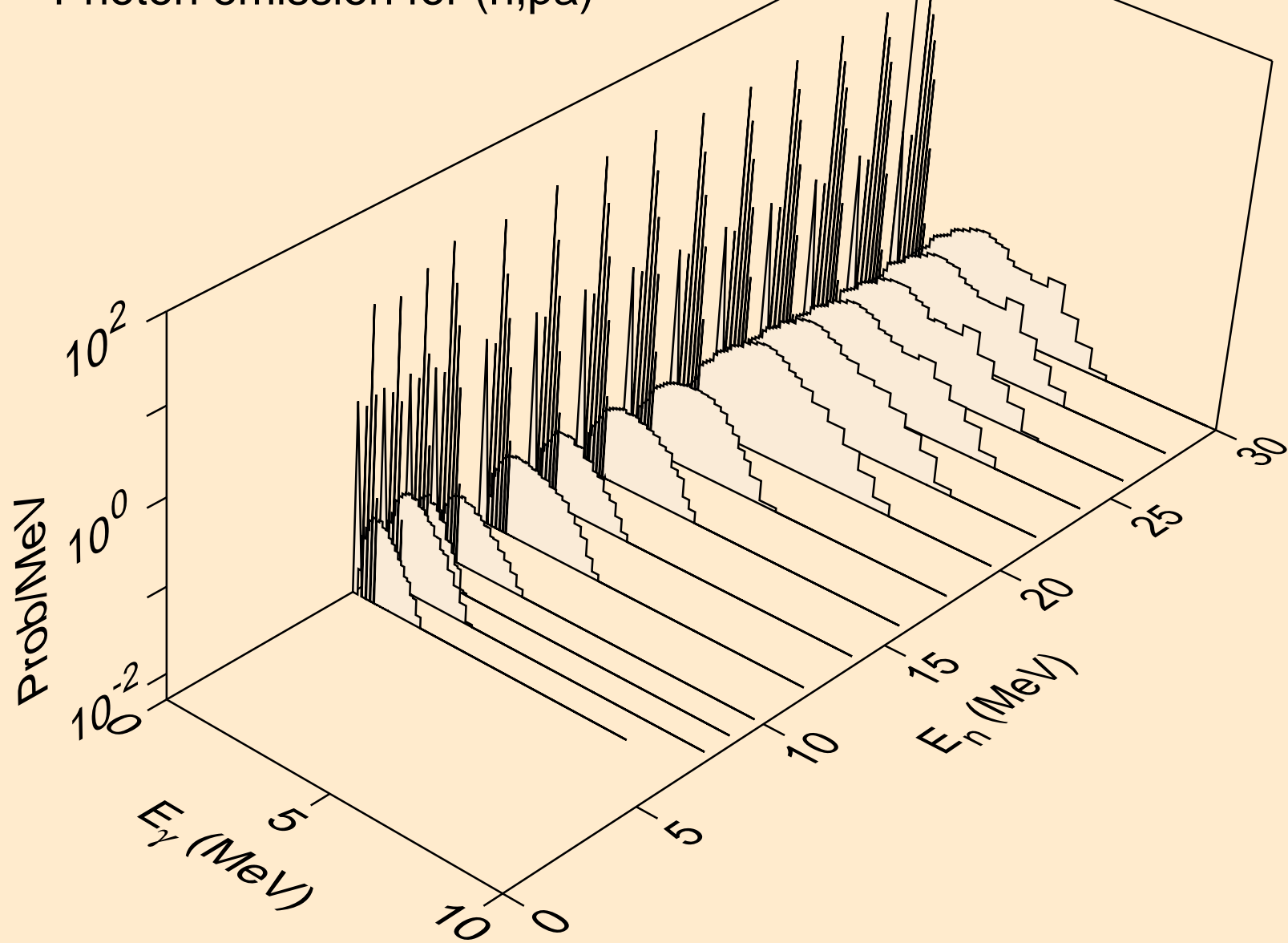
SM133 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3a)



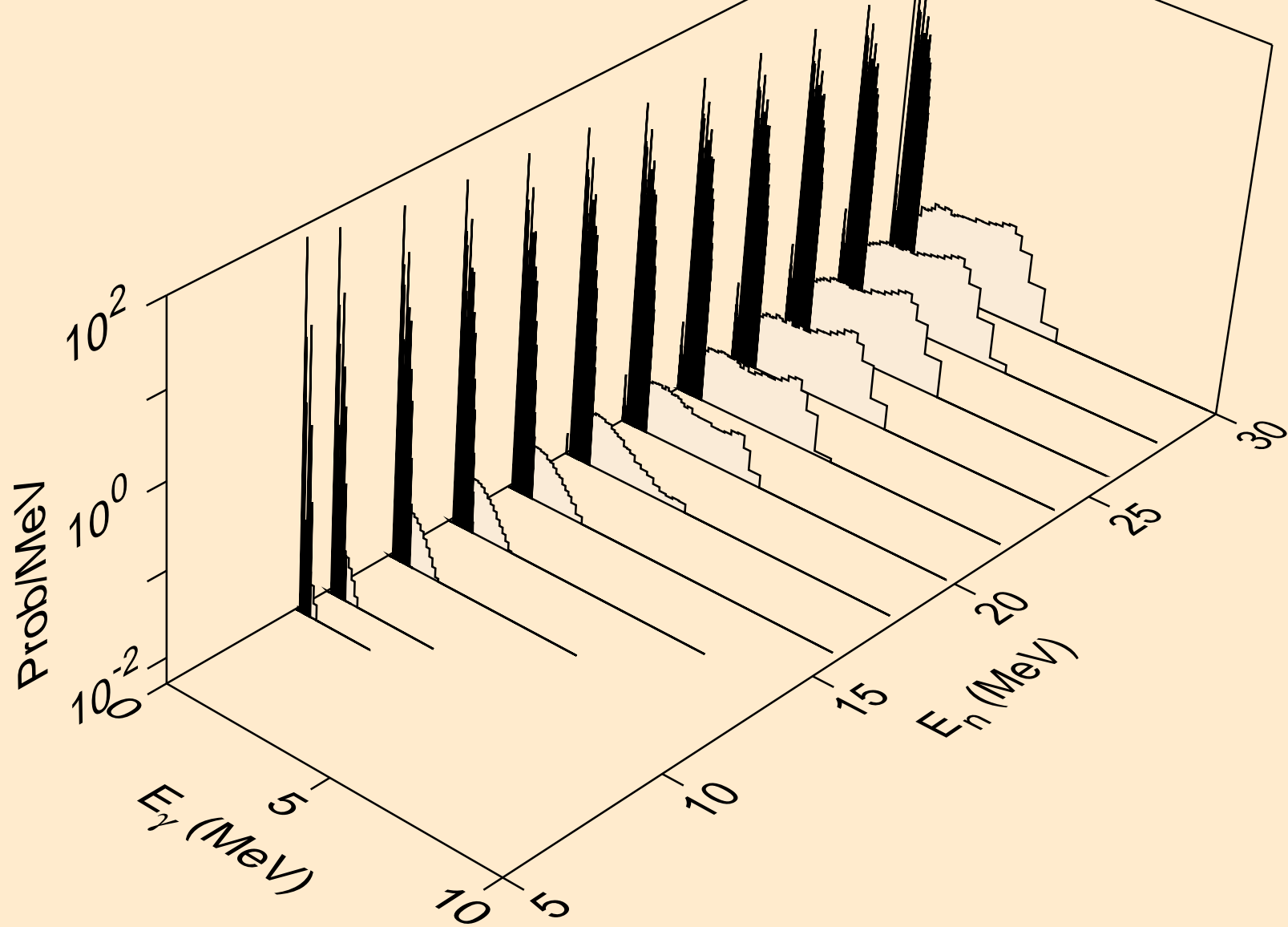
SM133 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)



SM133 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pa)

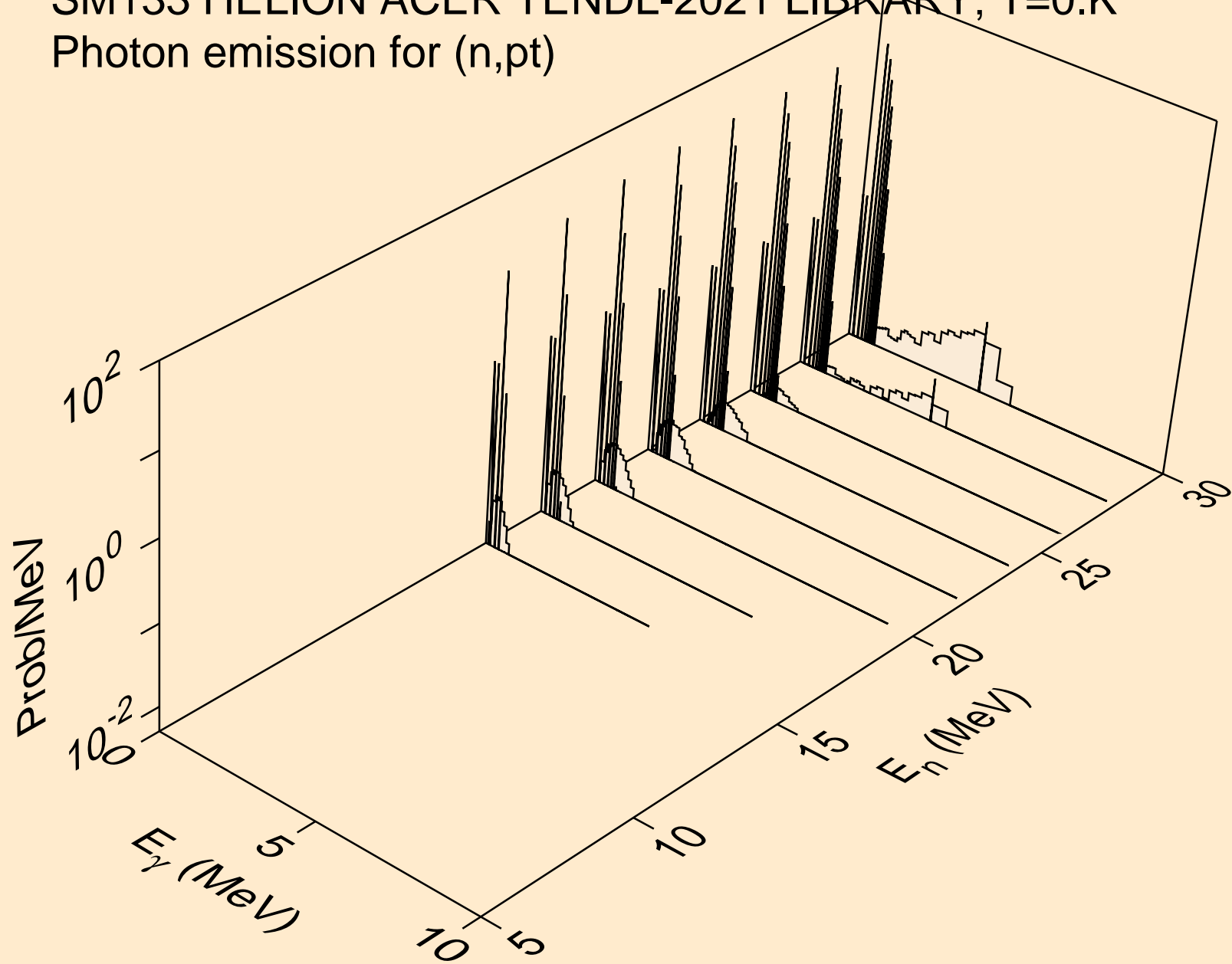


SM133 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)

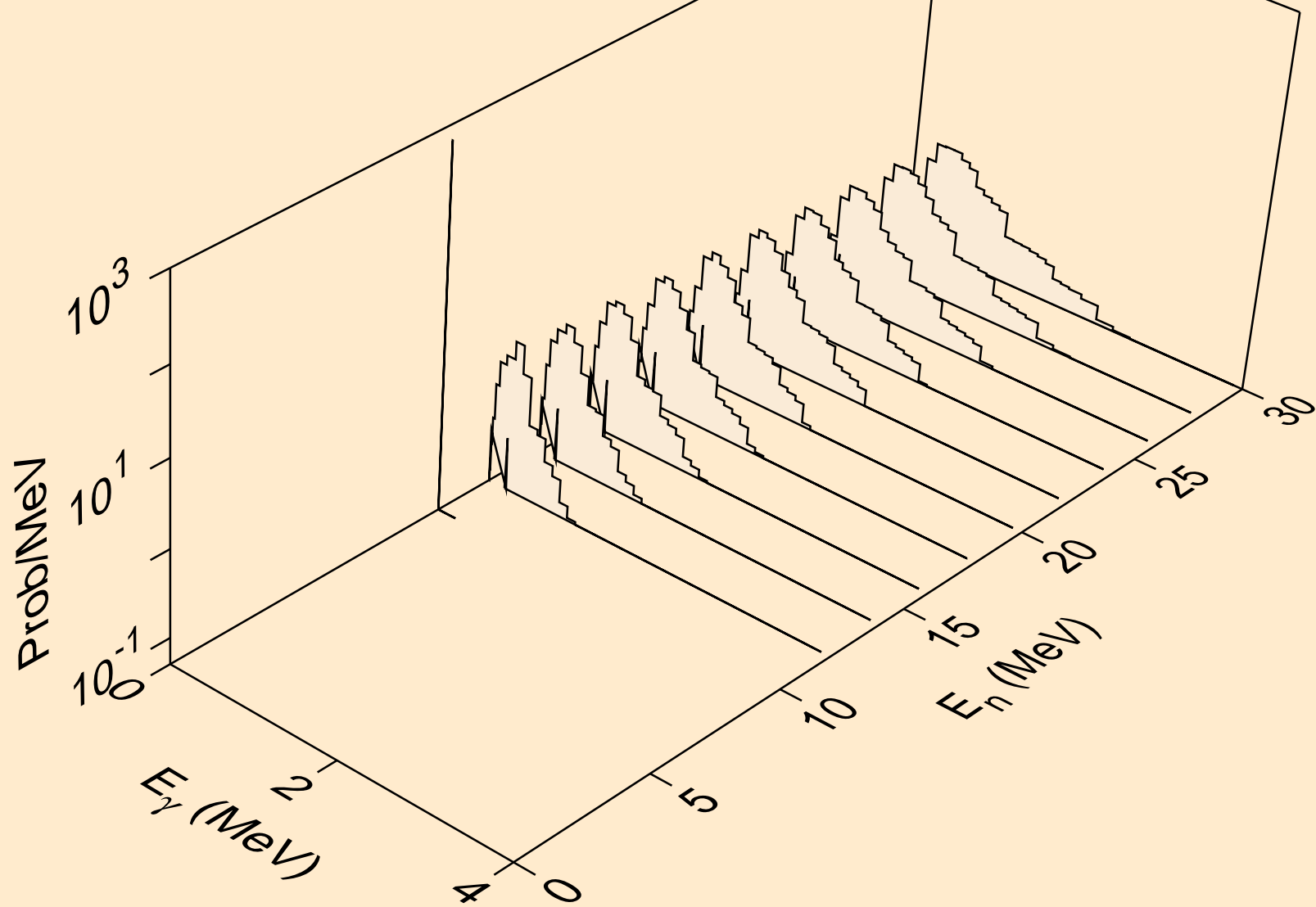




SM133 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)

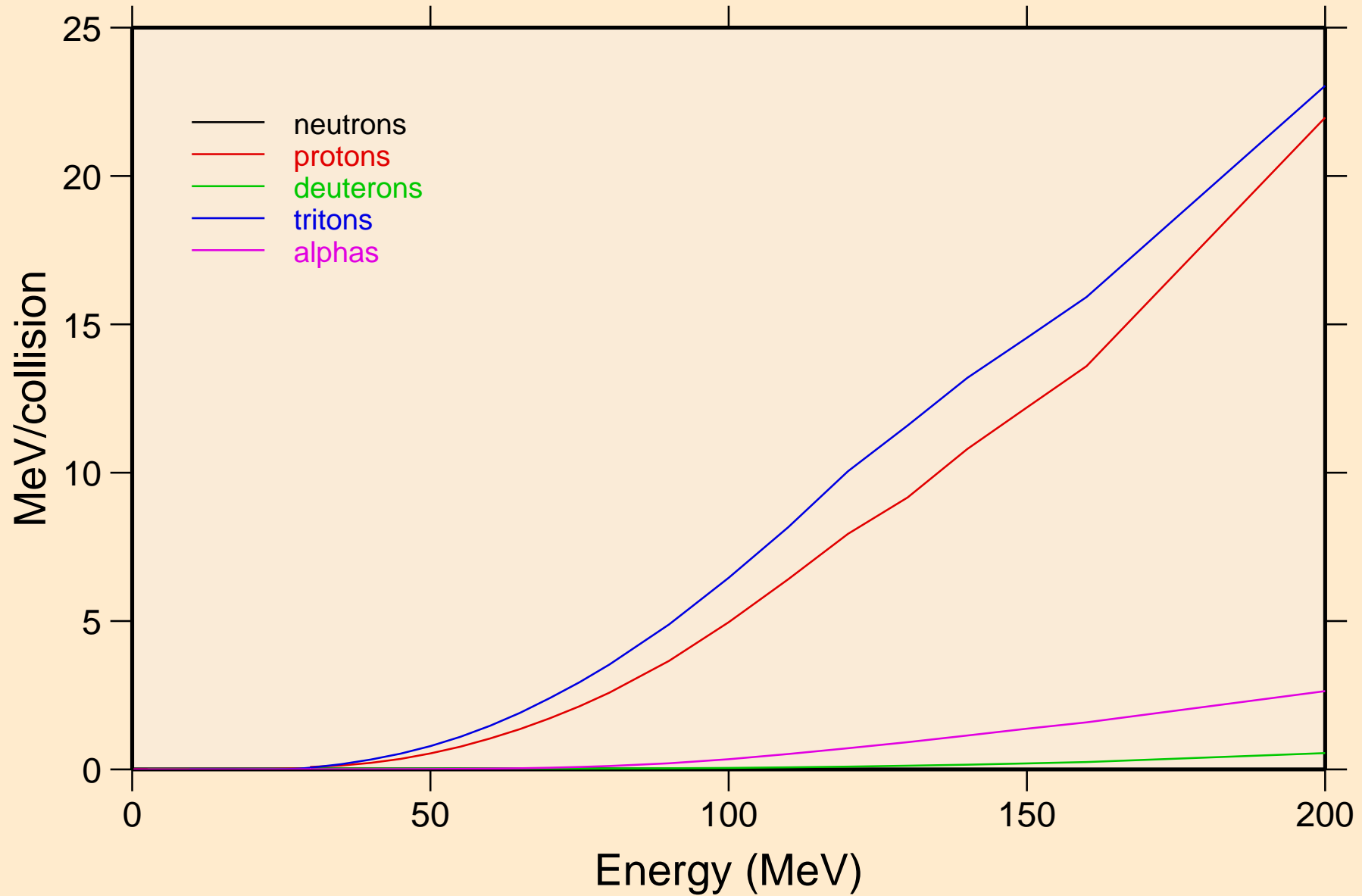


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Photon emission for (n,da)

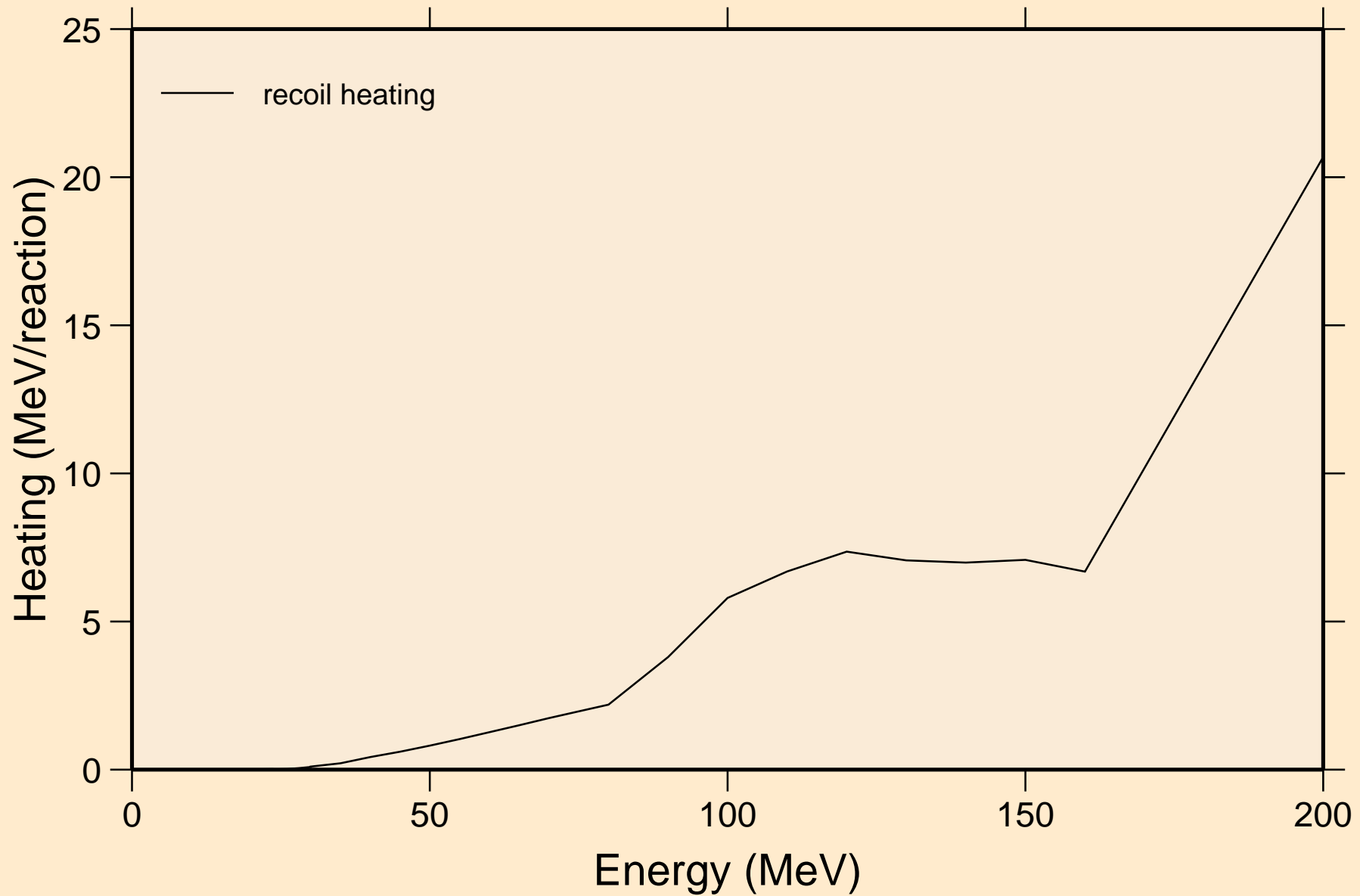


# SM133 HELION ACER TENDL-2021 LIBRARY; T=0.K

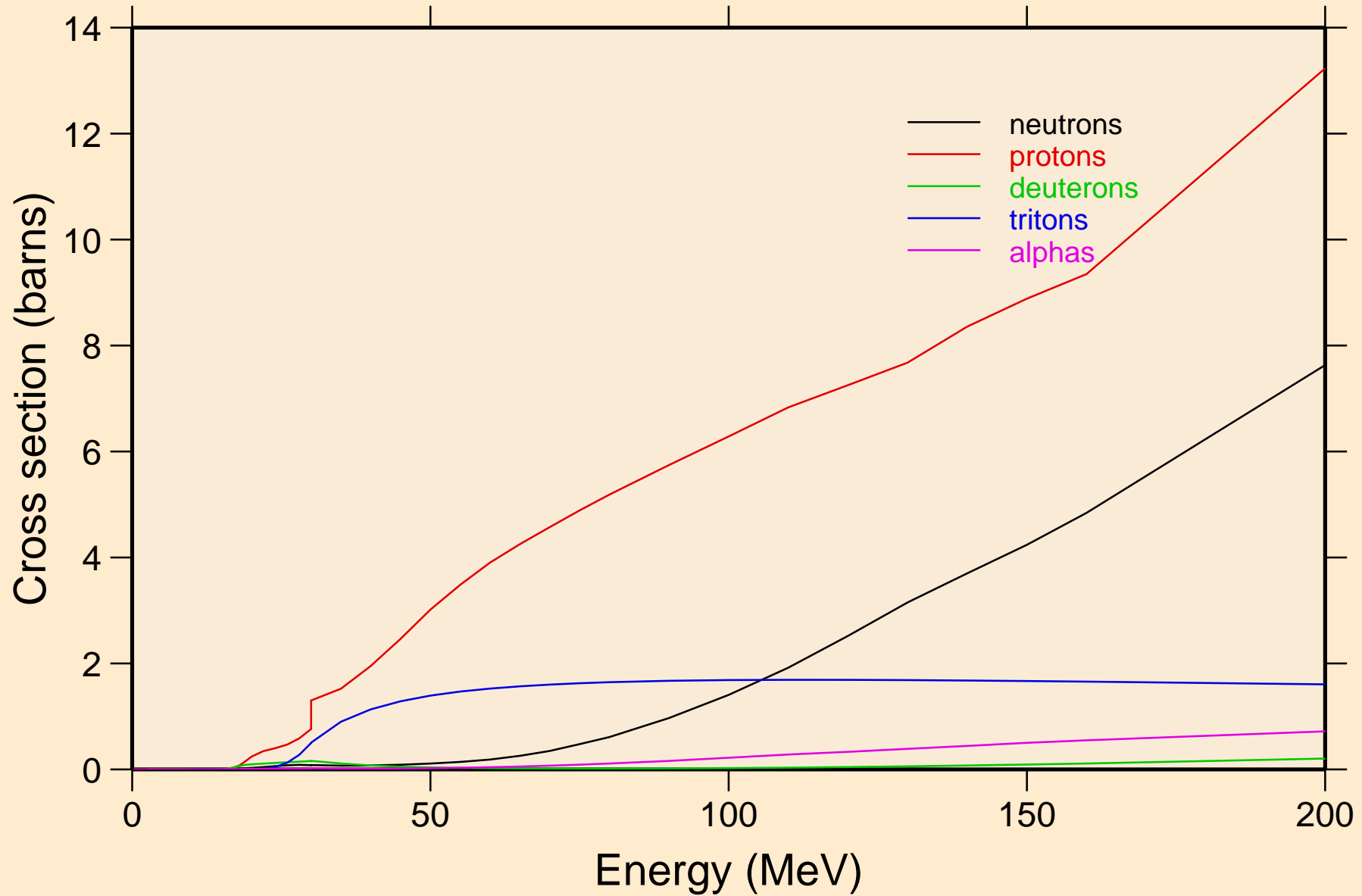
## Particle heating contributions



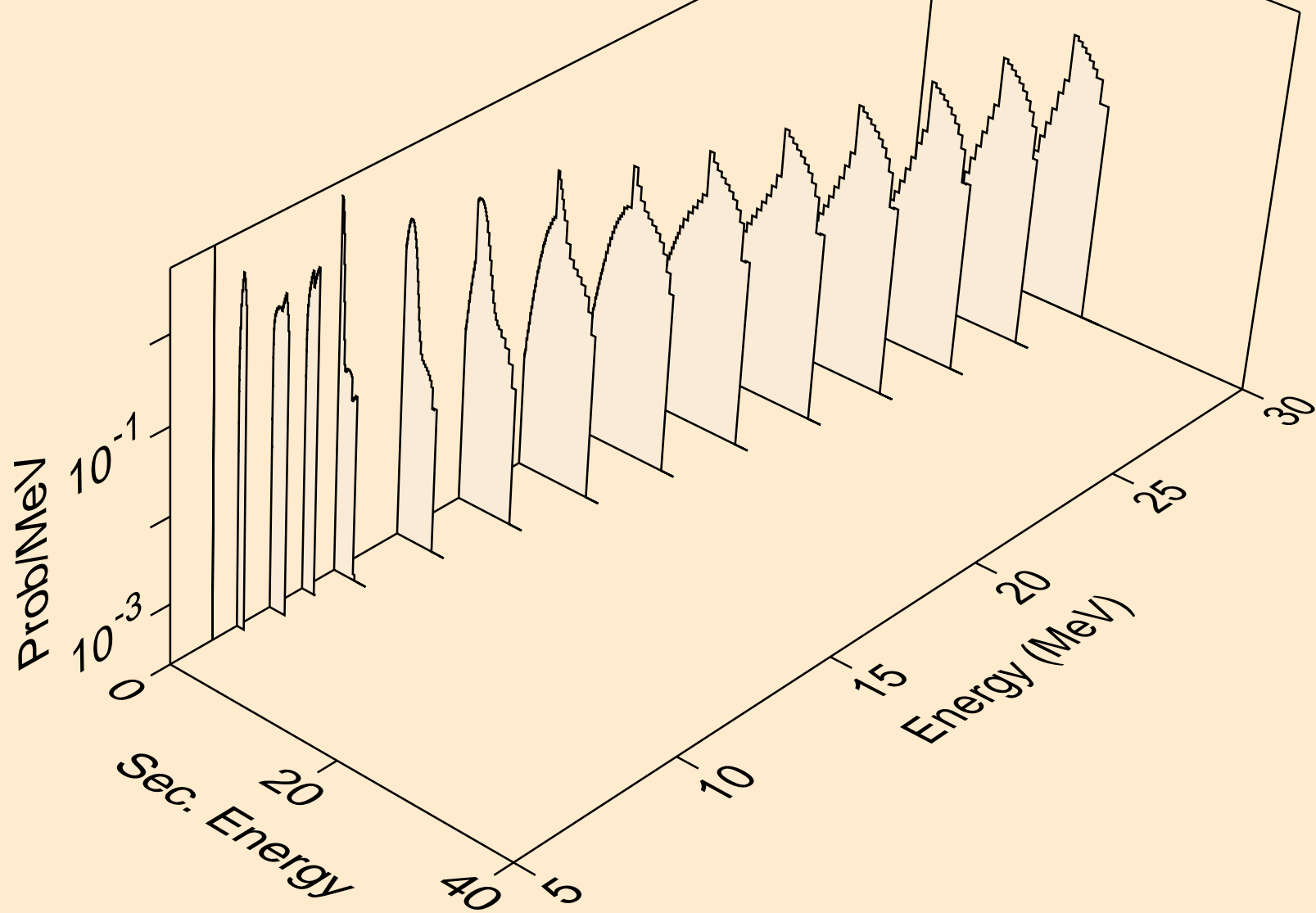
SM133 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating



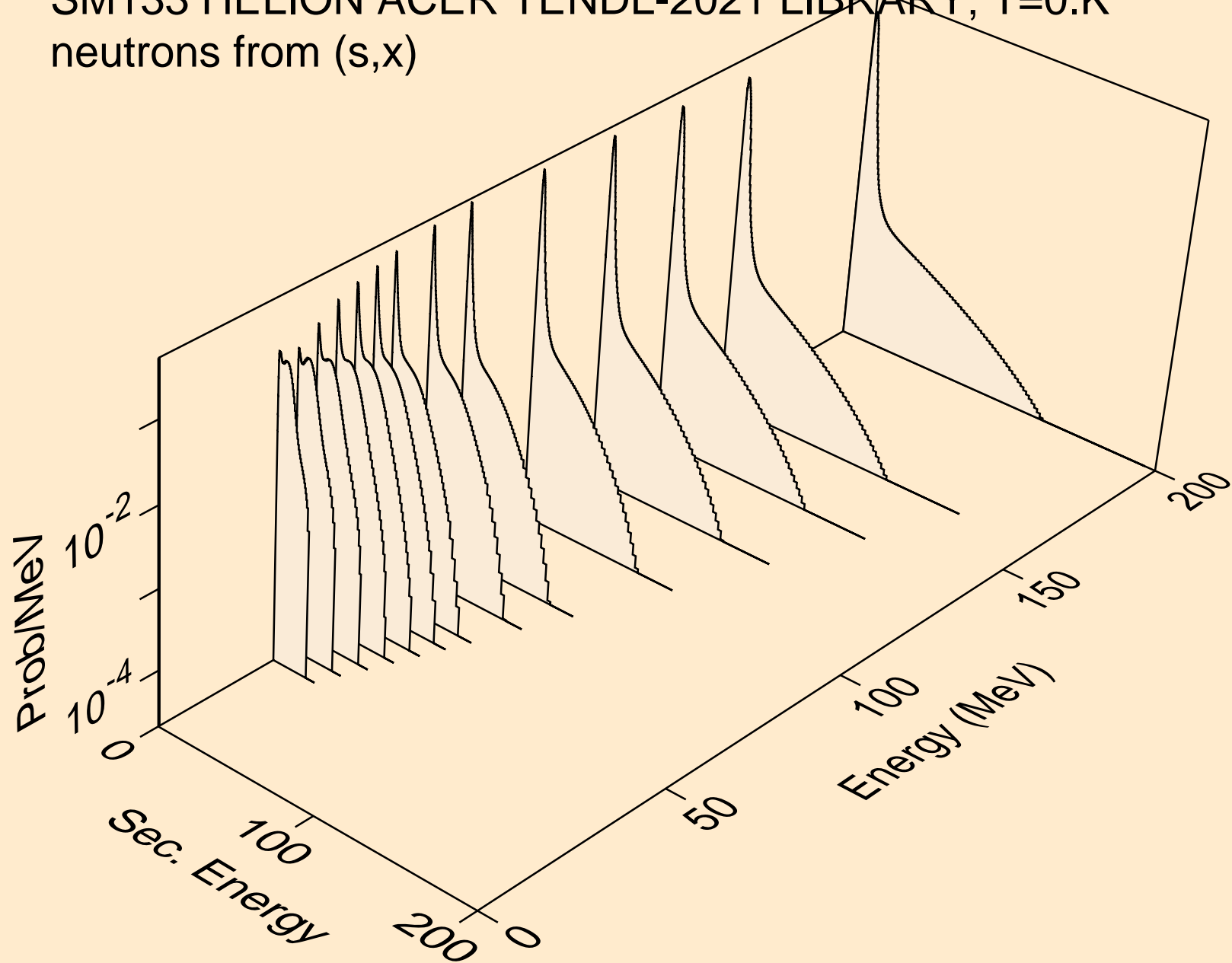
SM133 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



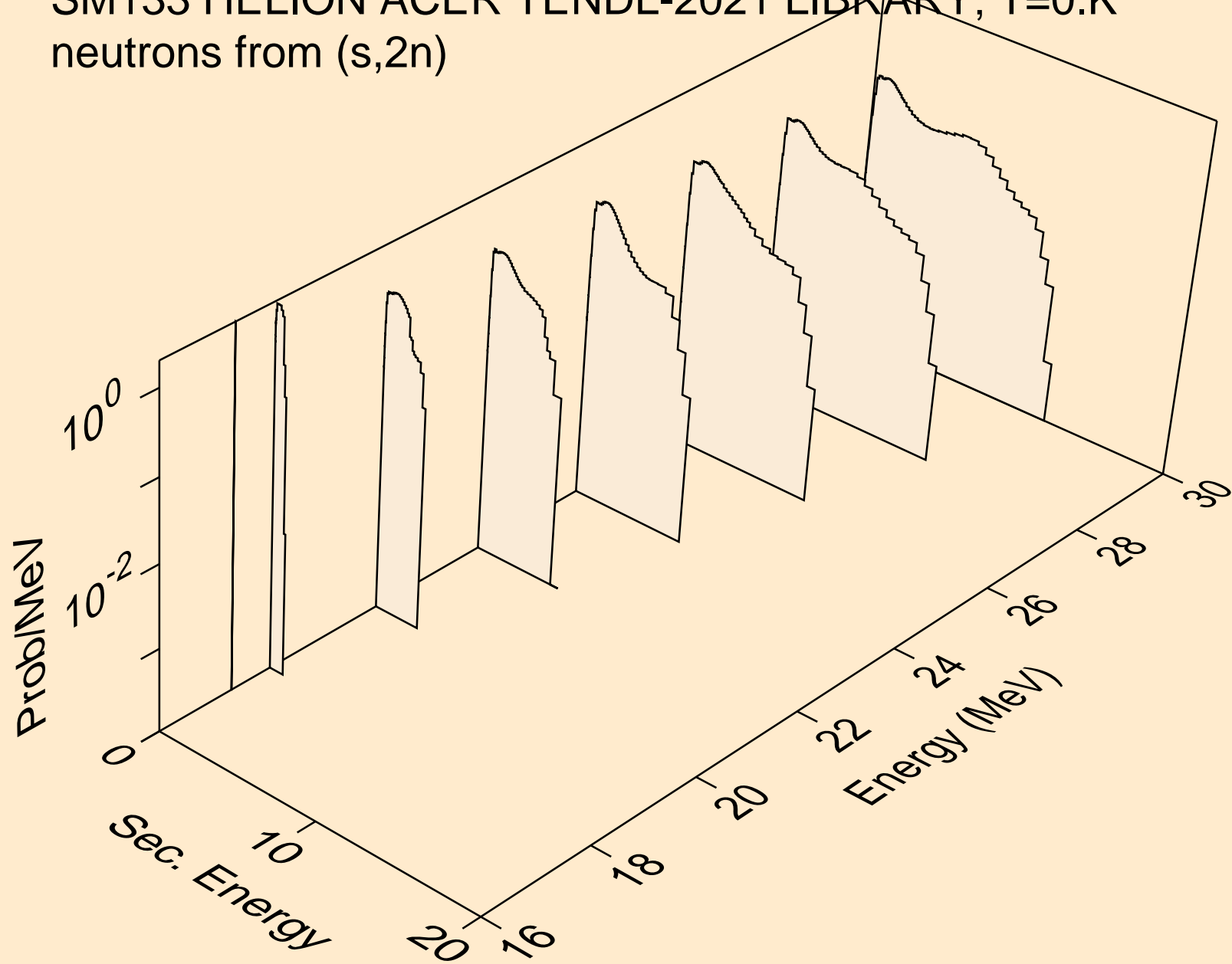
SM133 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n)



SM133 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,x)

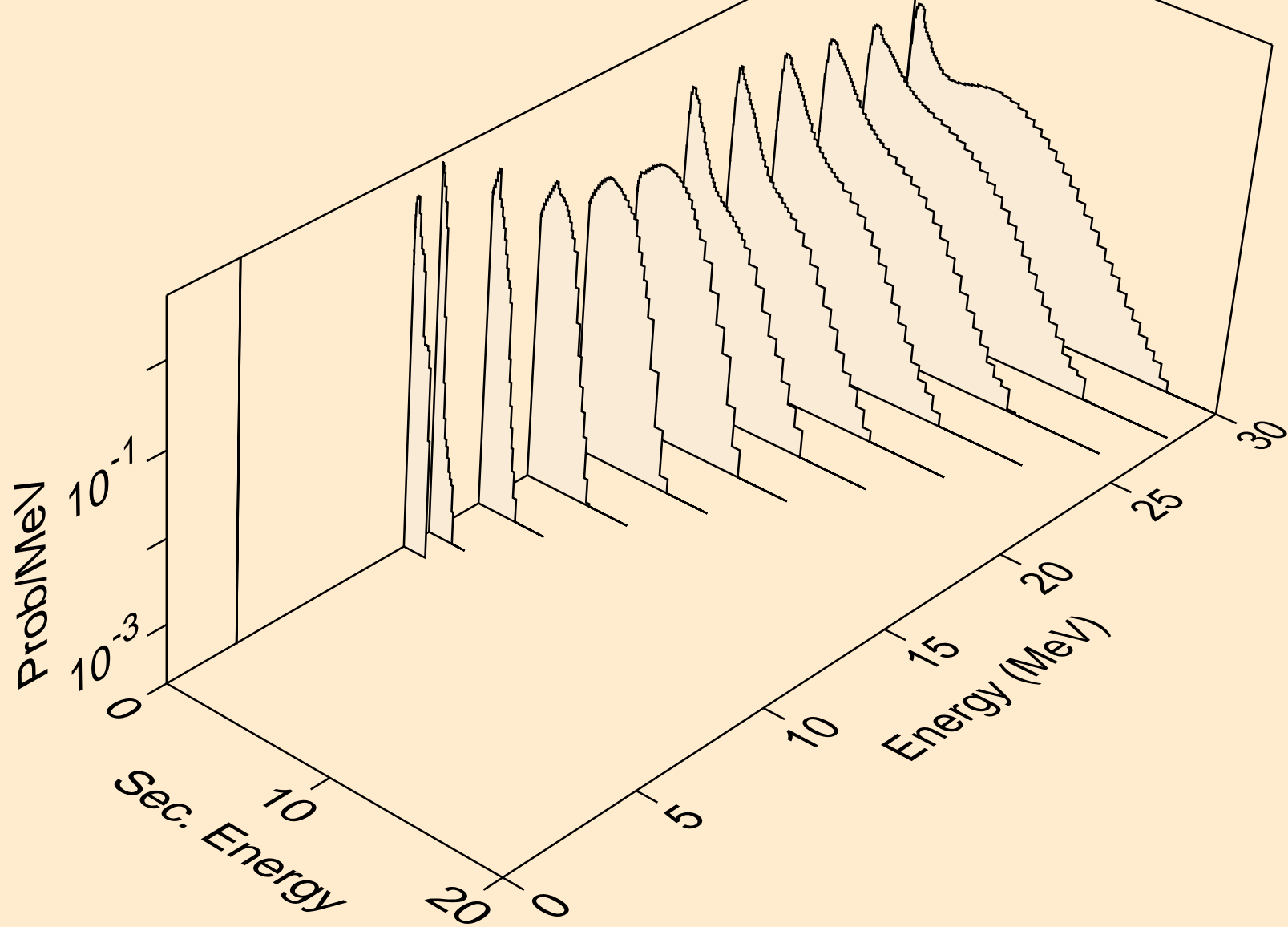


SM133 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)

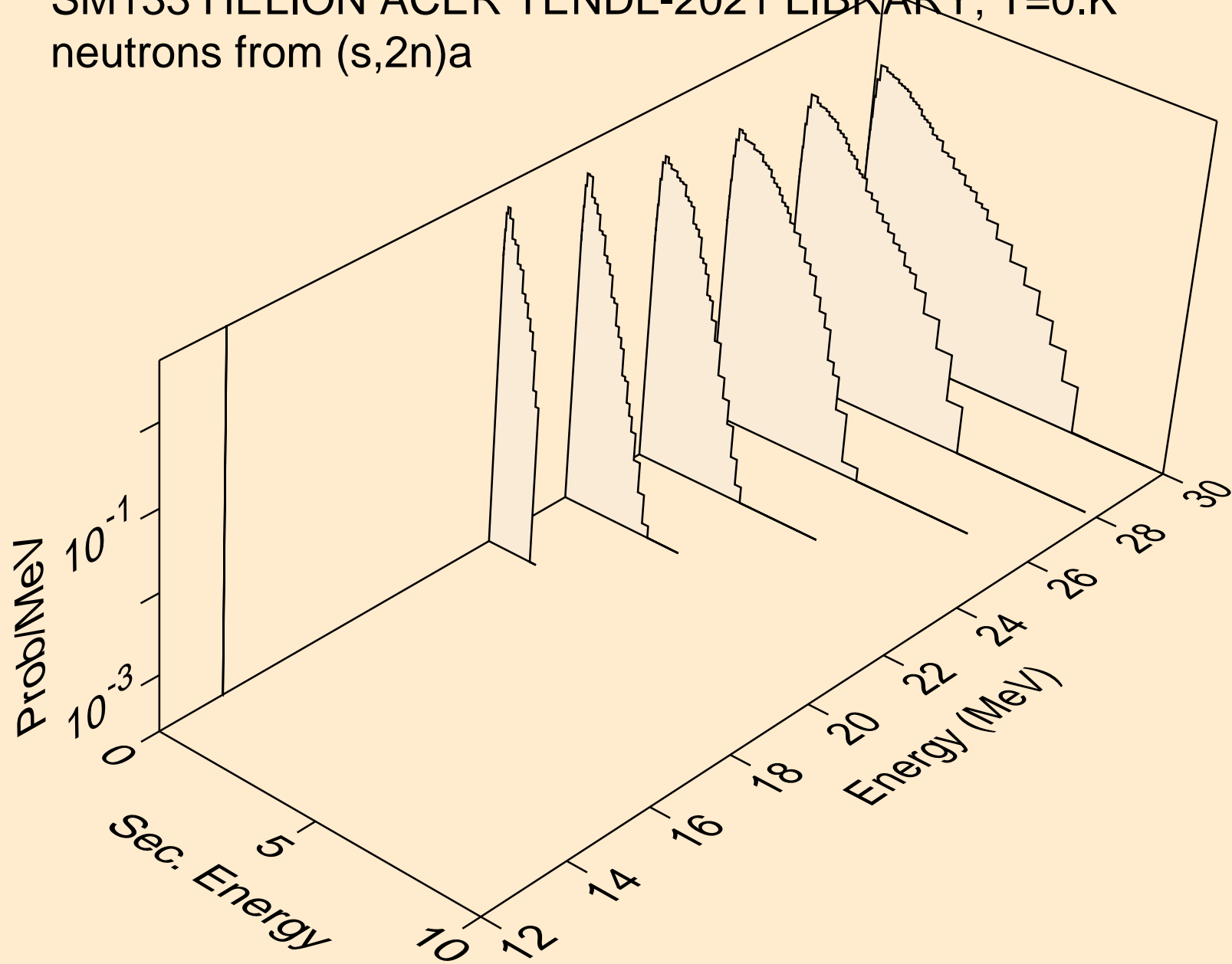




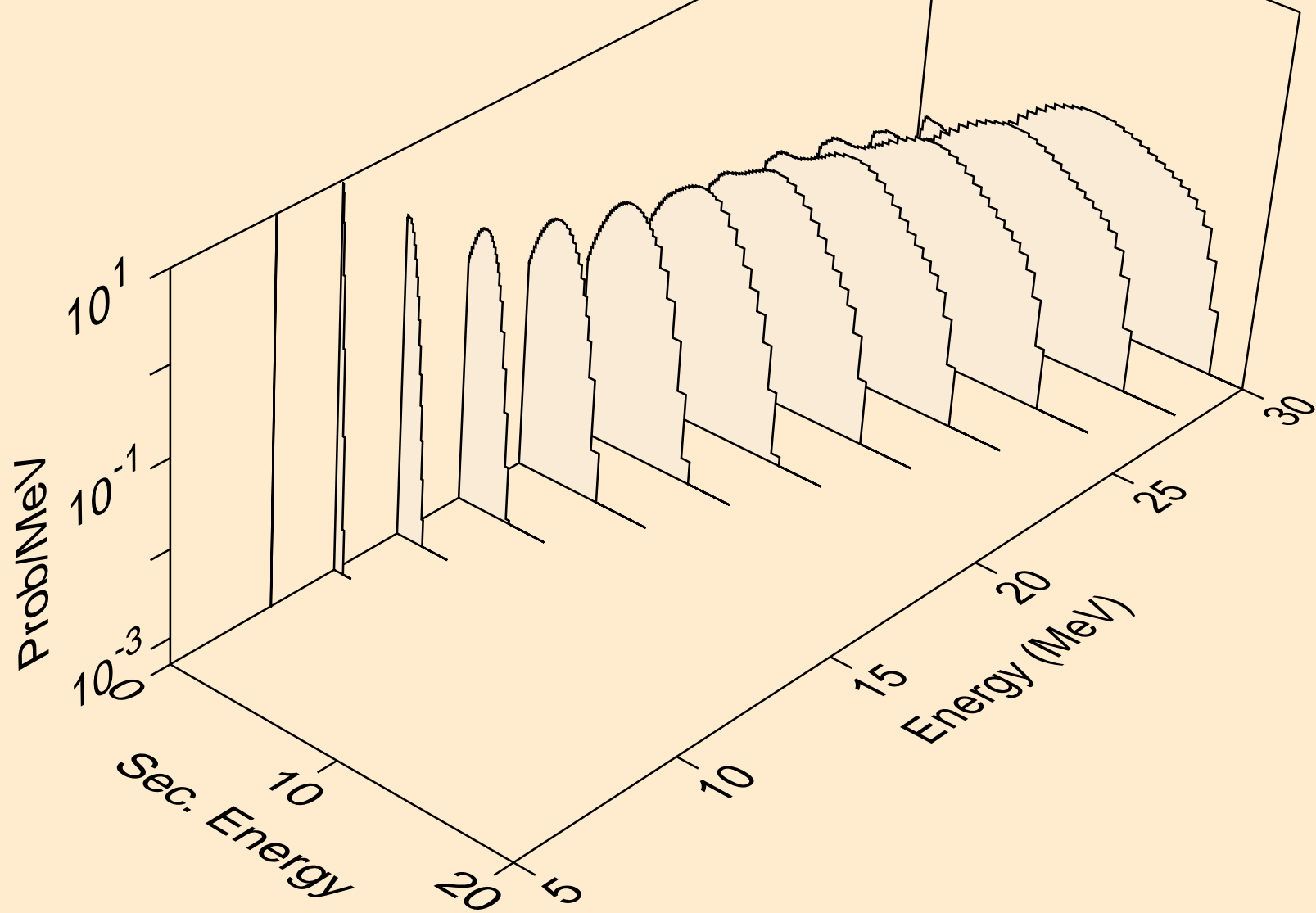
SM133 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)a



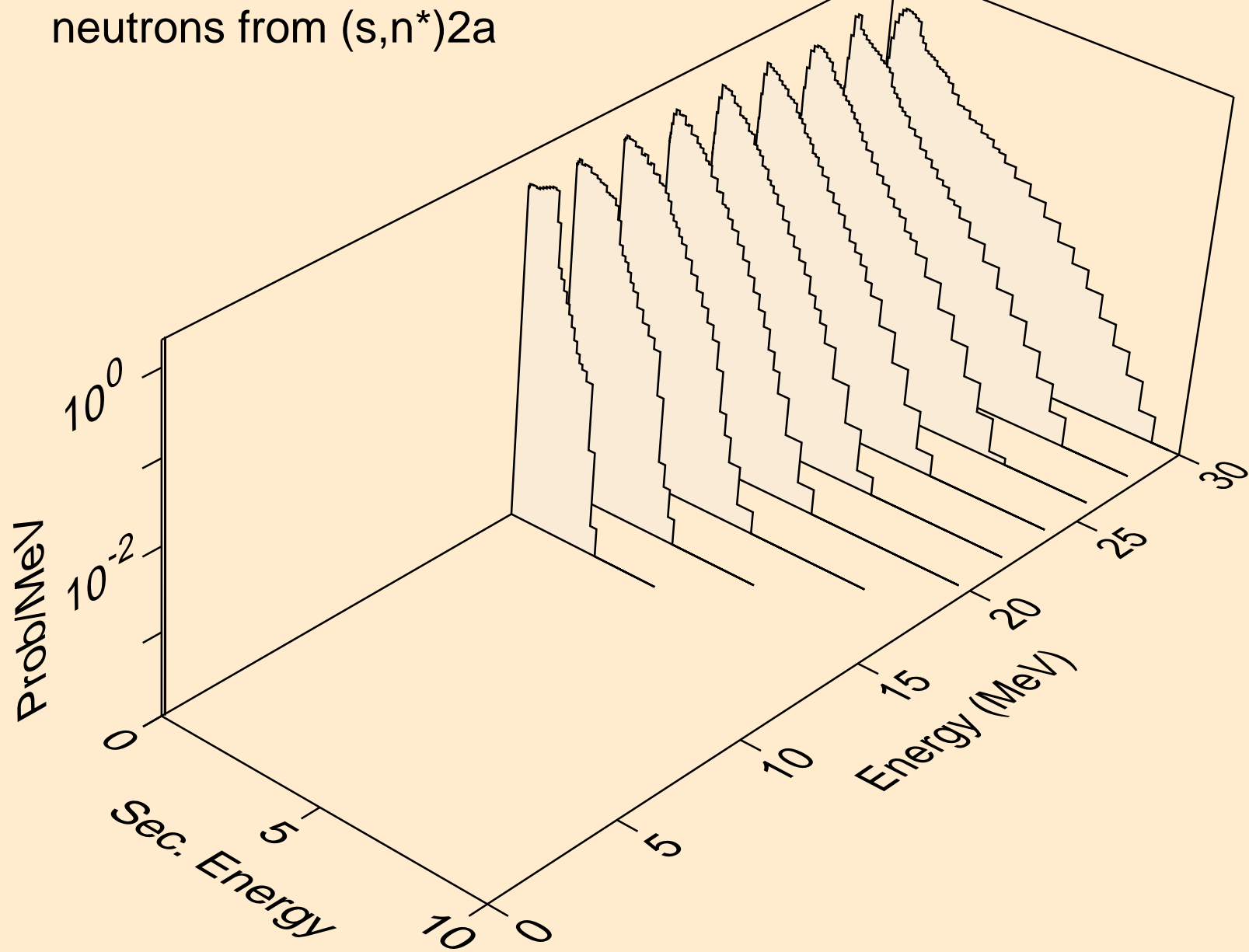
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neutrons from (s,2n)a



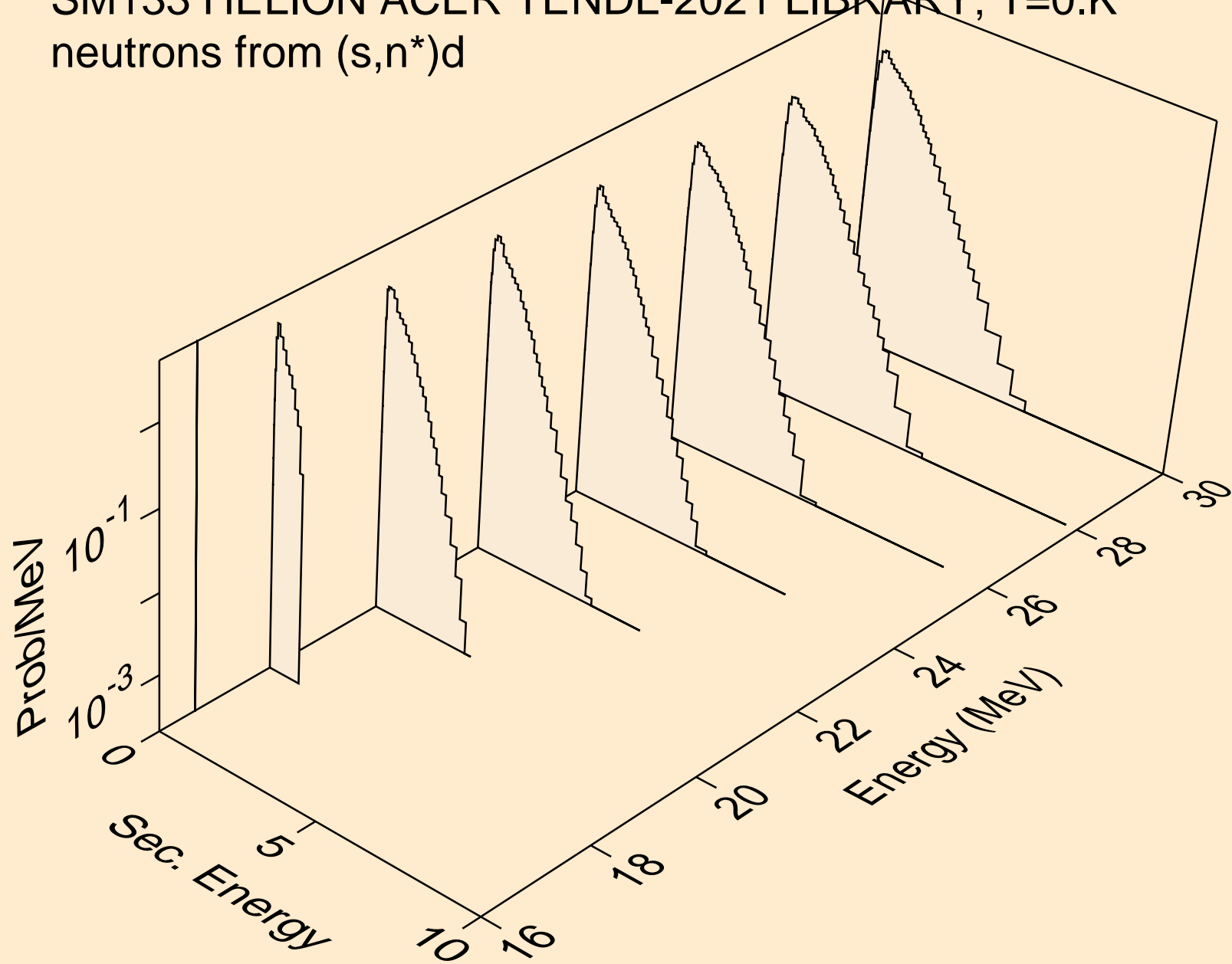
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neutrons from (s,n\*)p



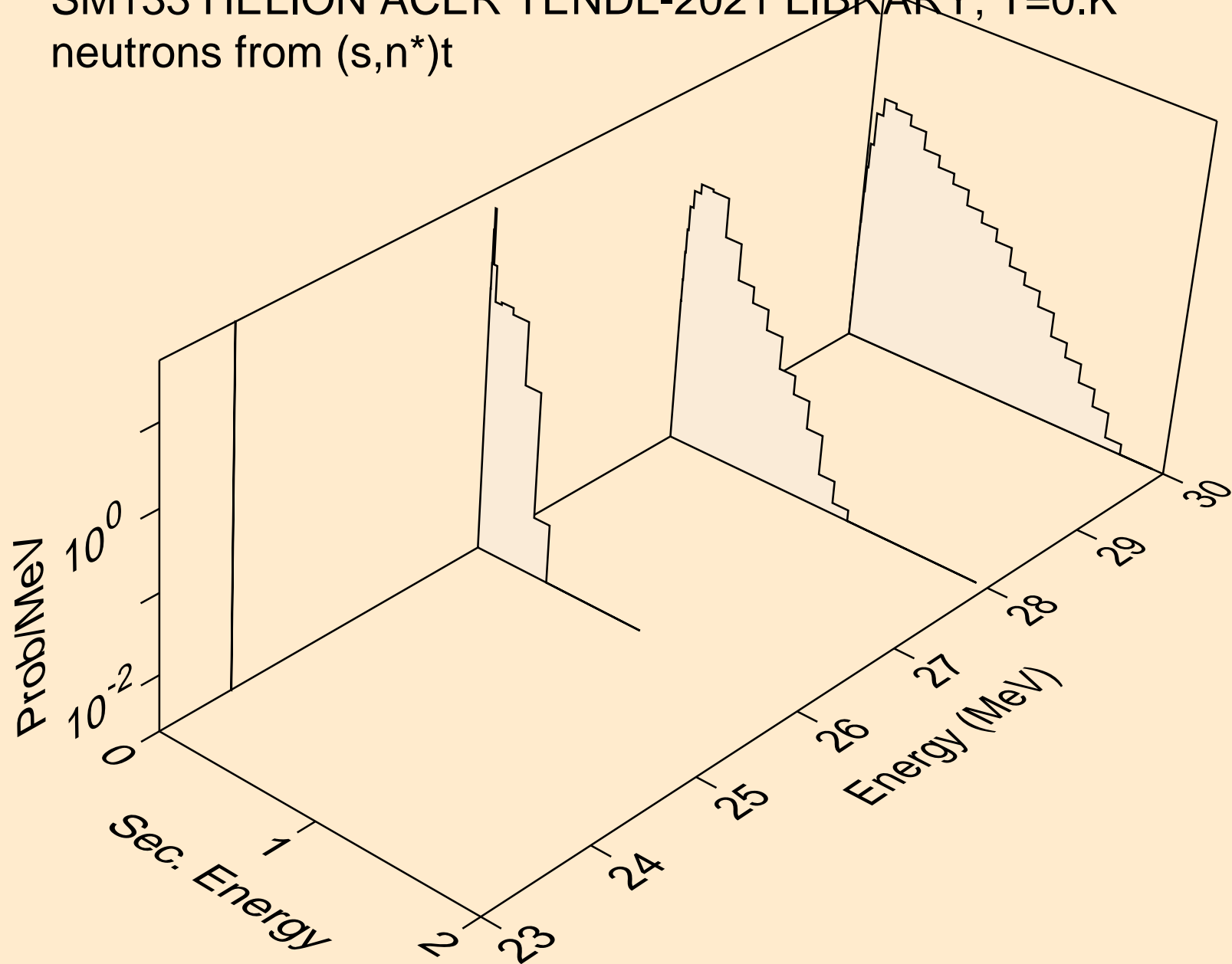
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neutrons from (s,n\*)2a



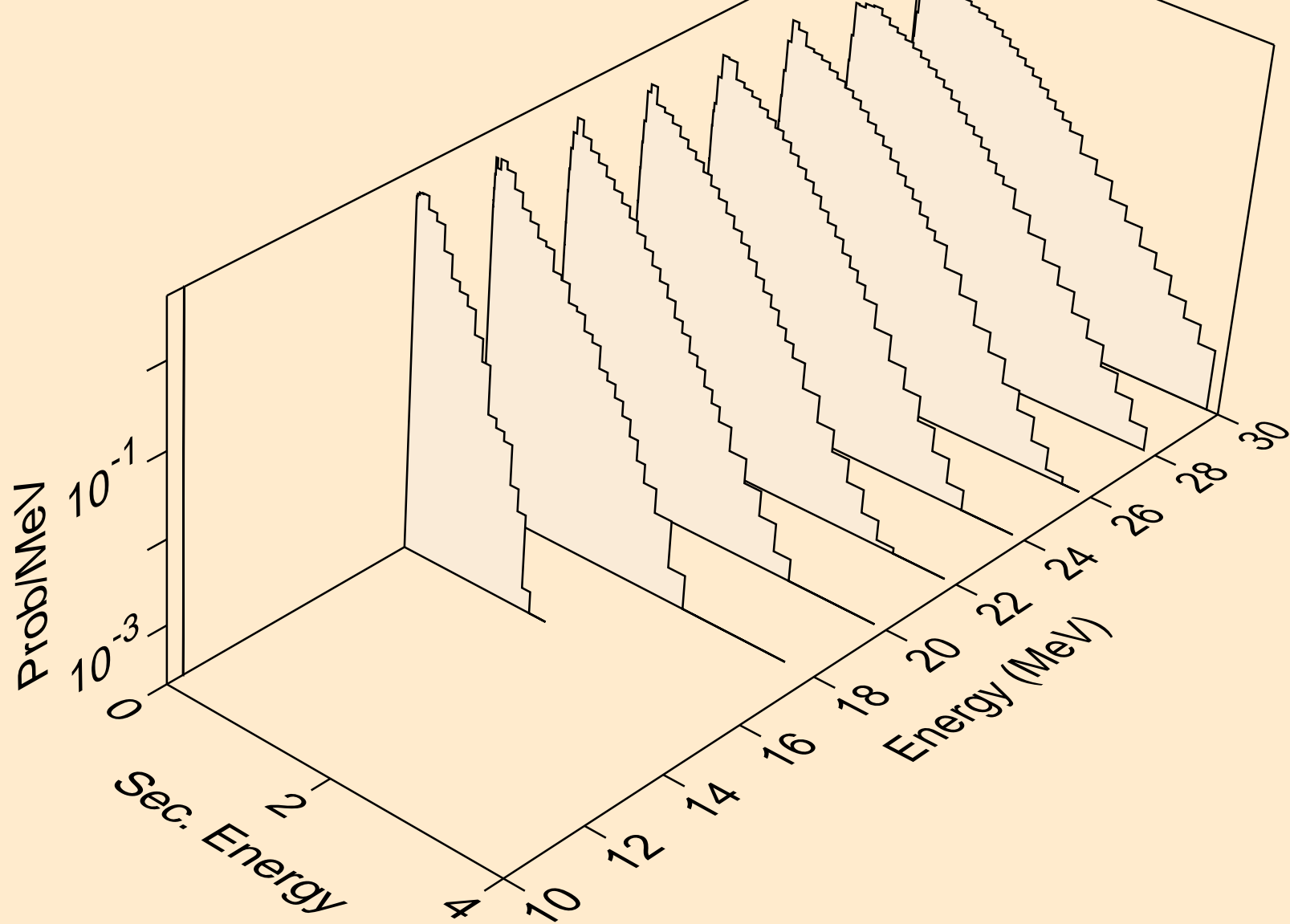
SM133 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)d



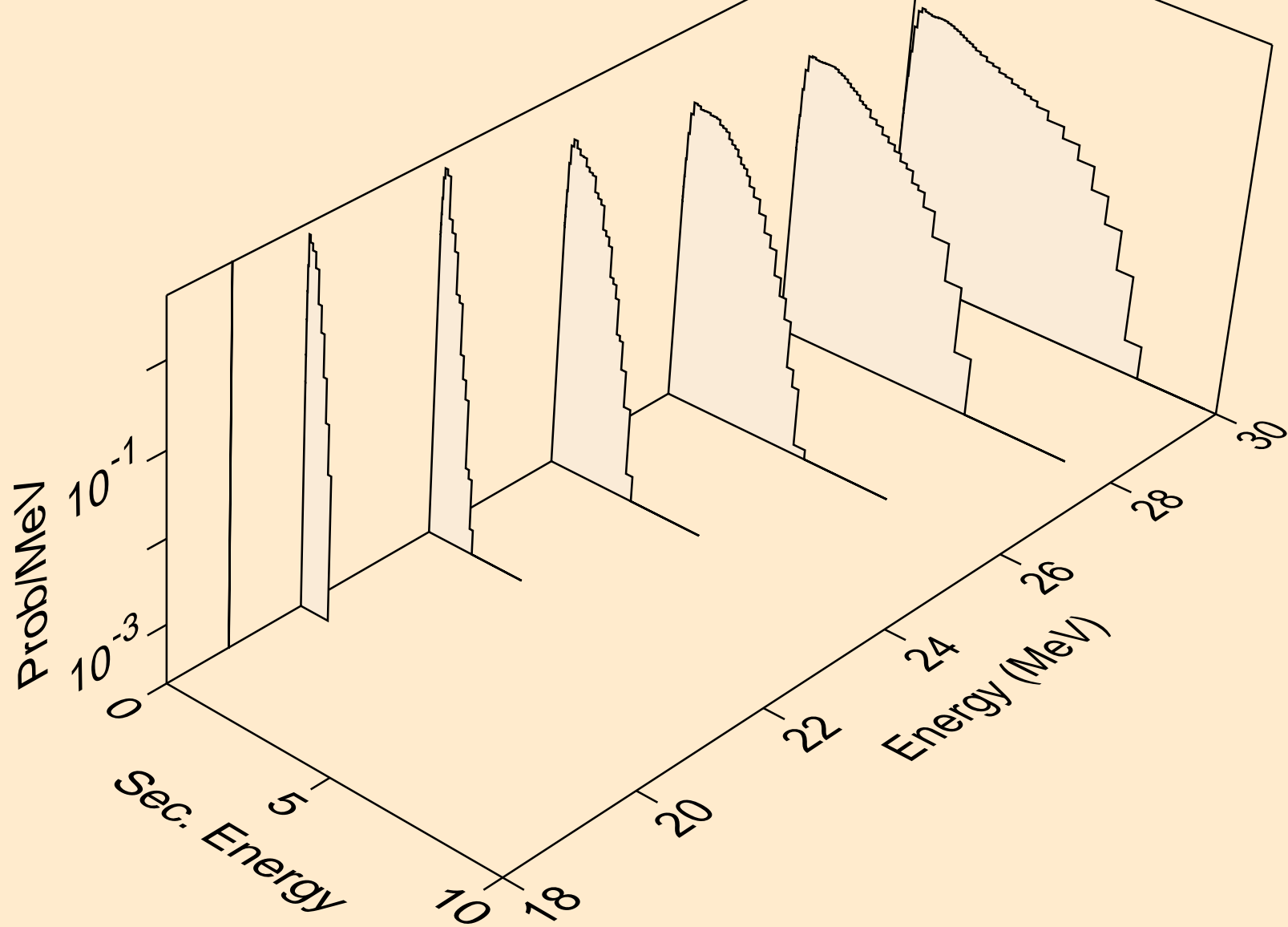
SM133 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)t



SM133 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)he3

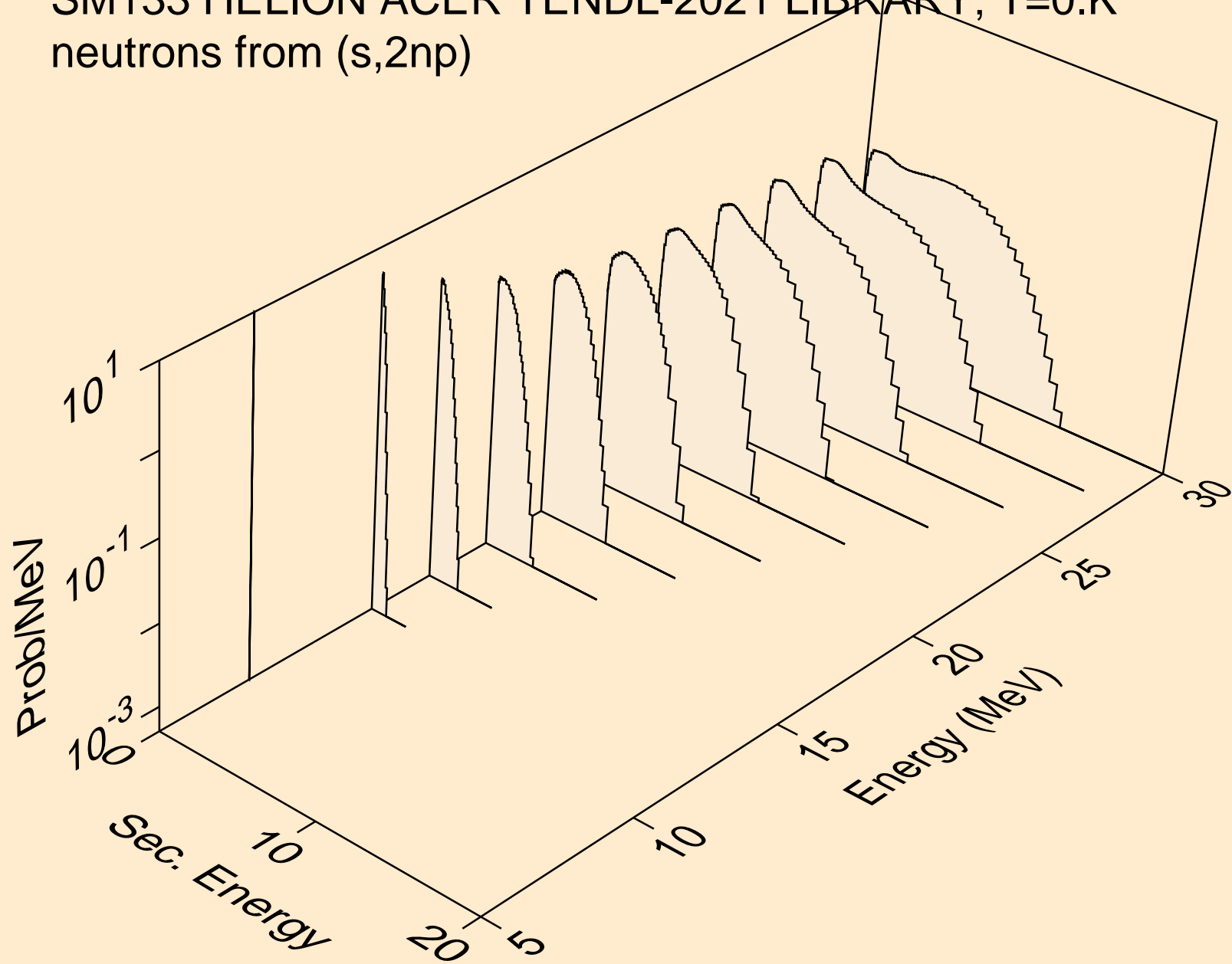


SM133 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2np)

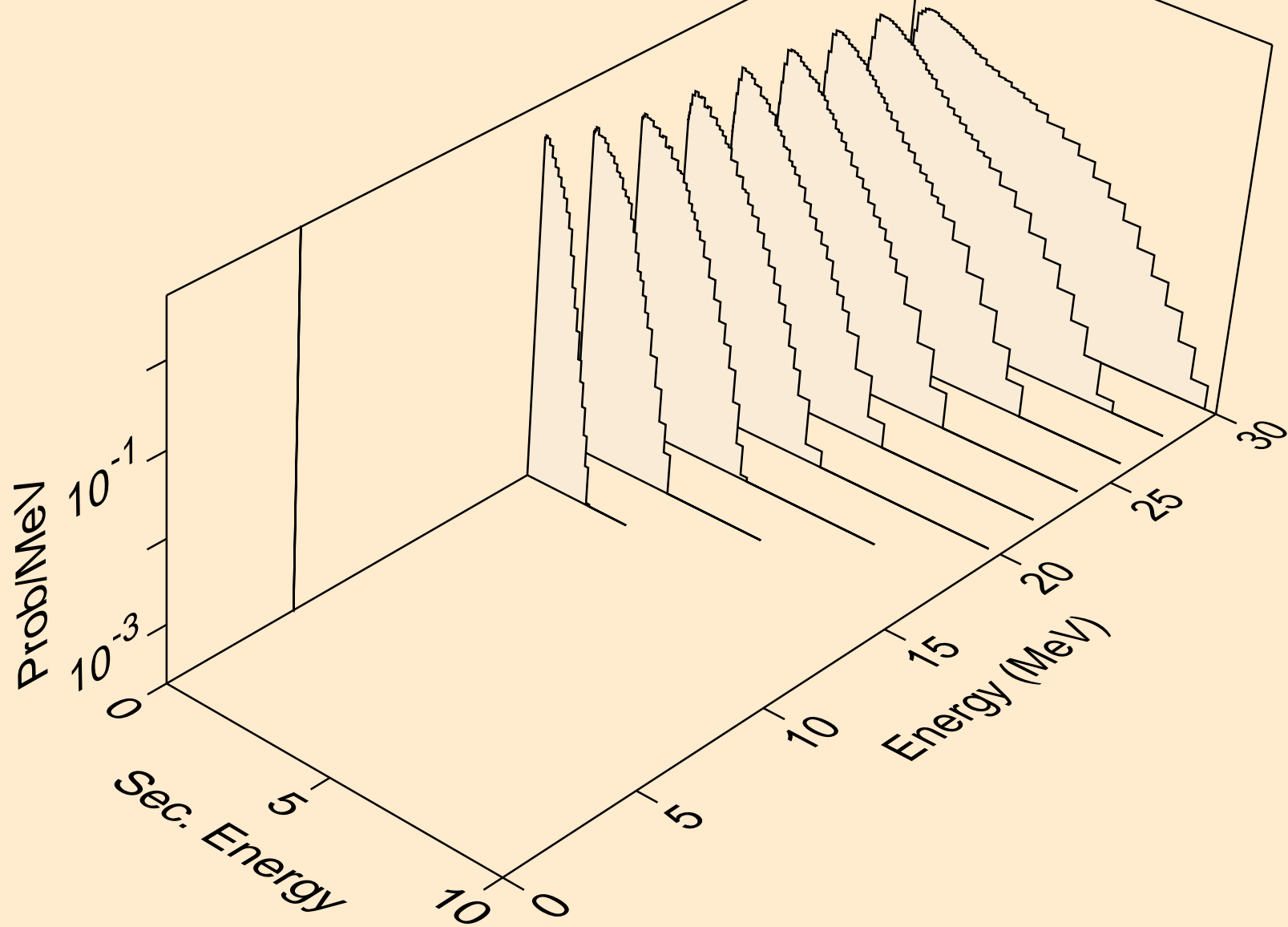




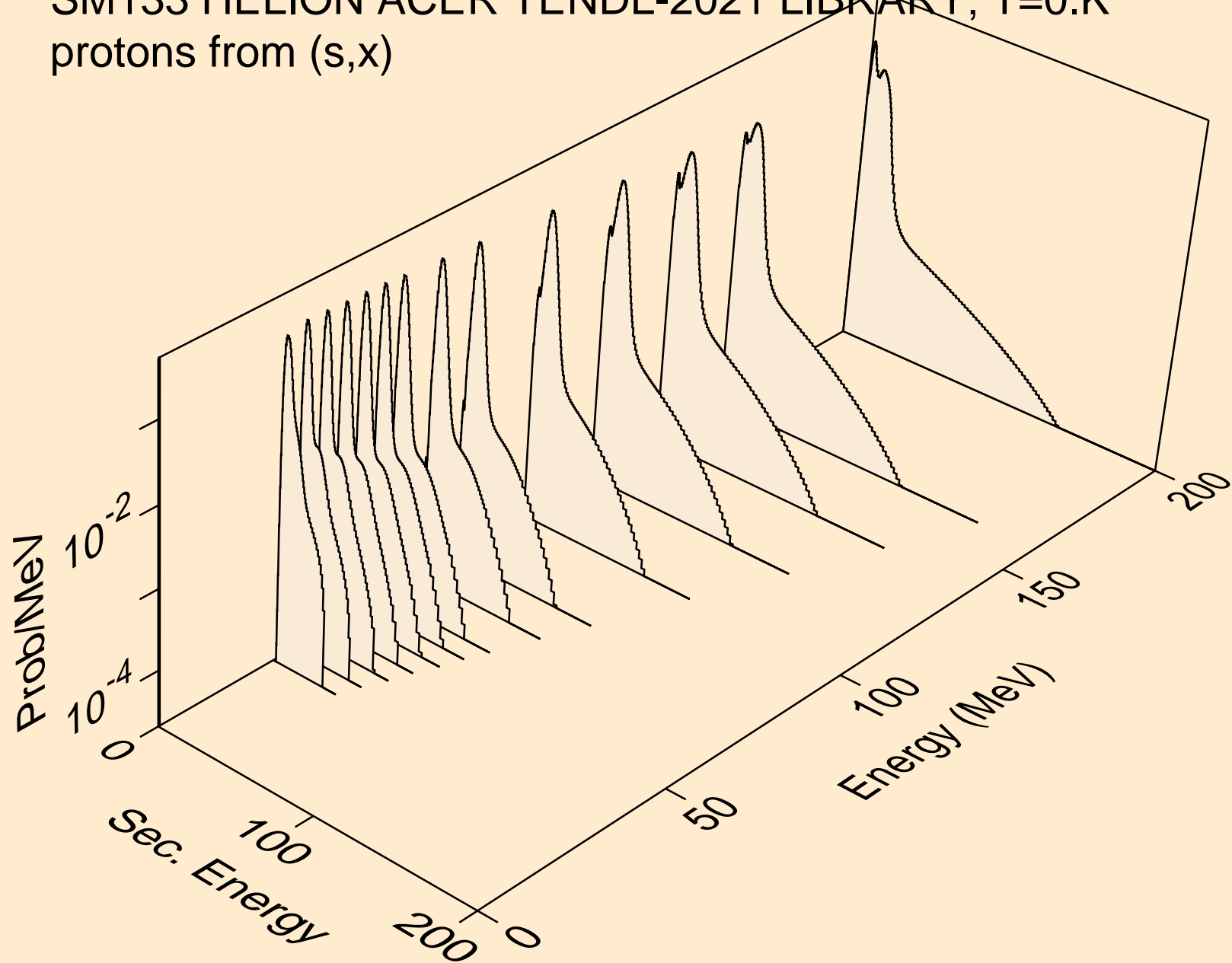
SM133 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2np)



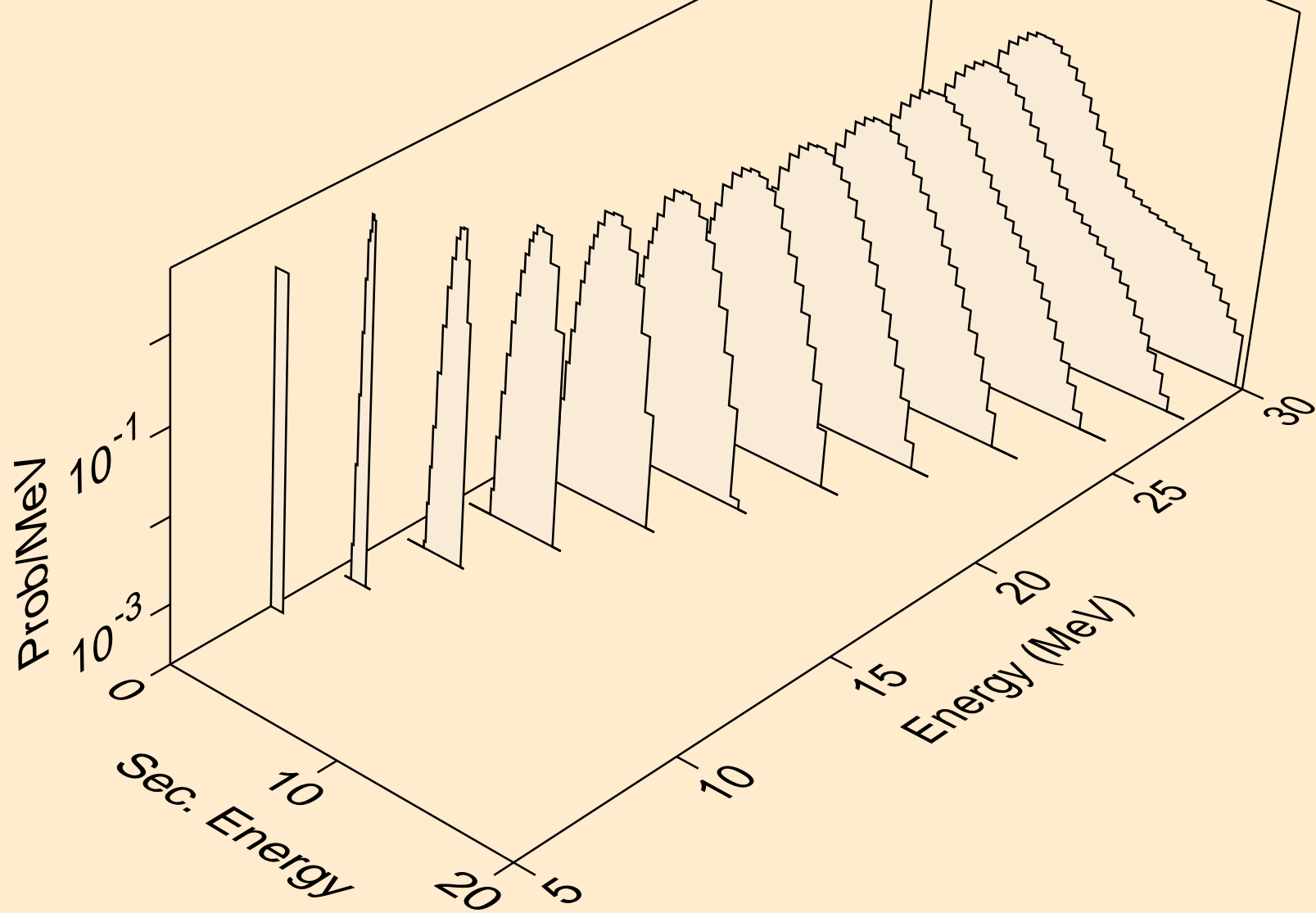
SM133 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,npa)



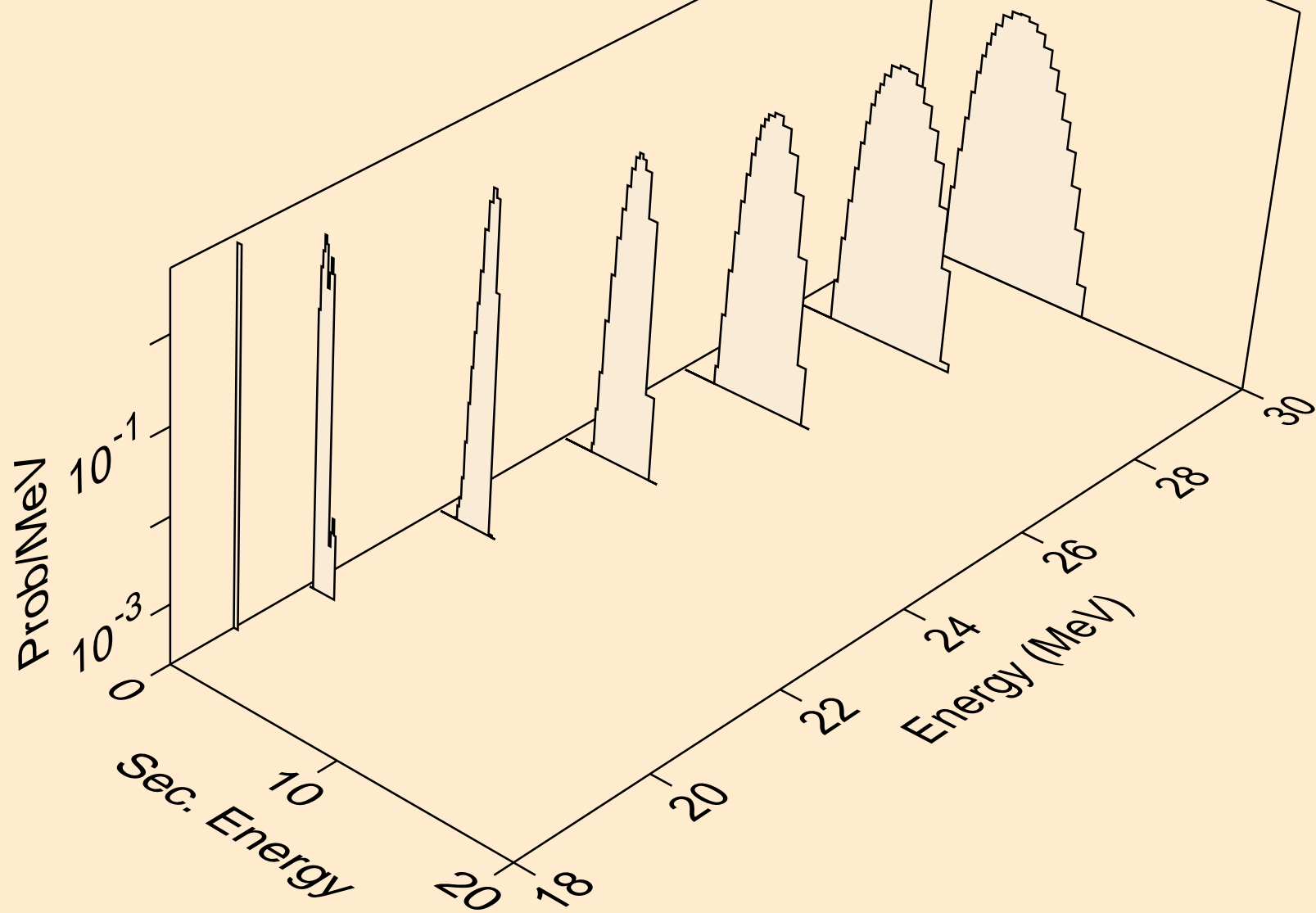
SM133 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,x)



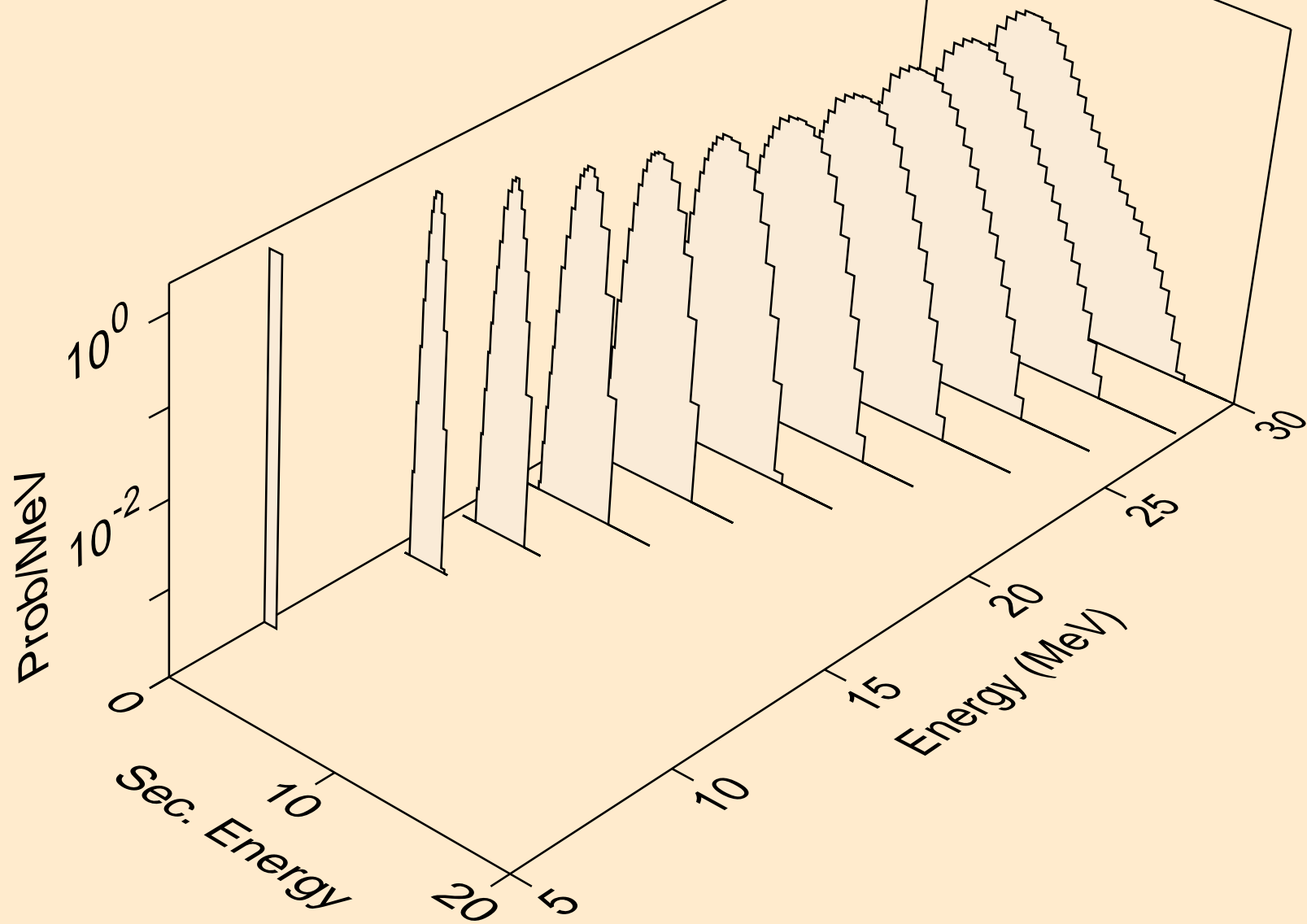
SM133 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,n\*)p



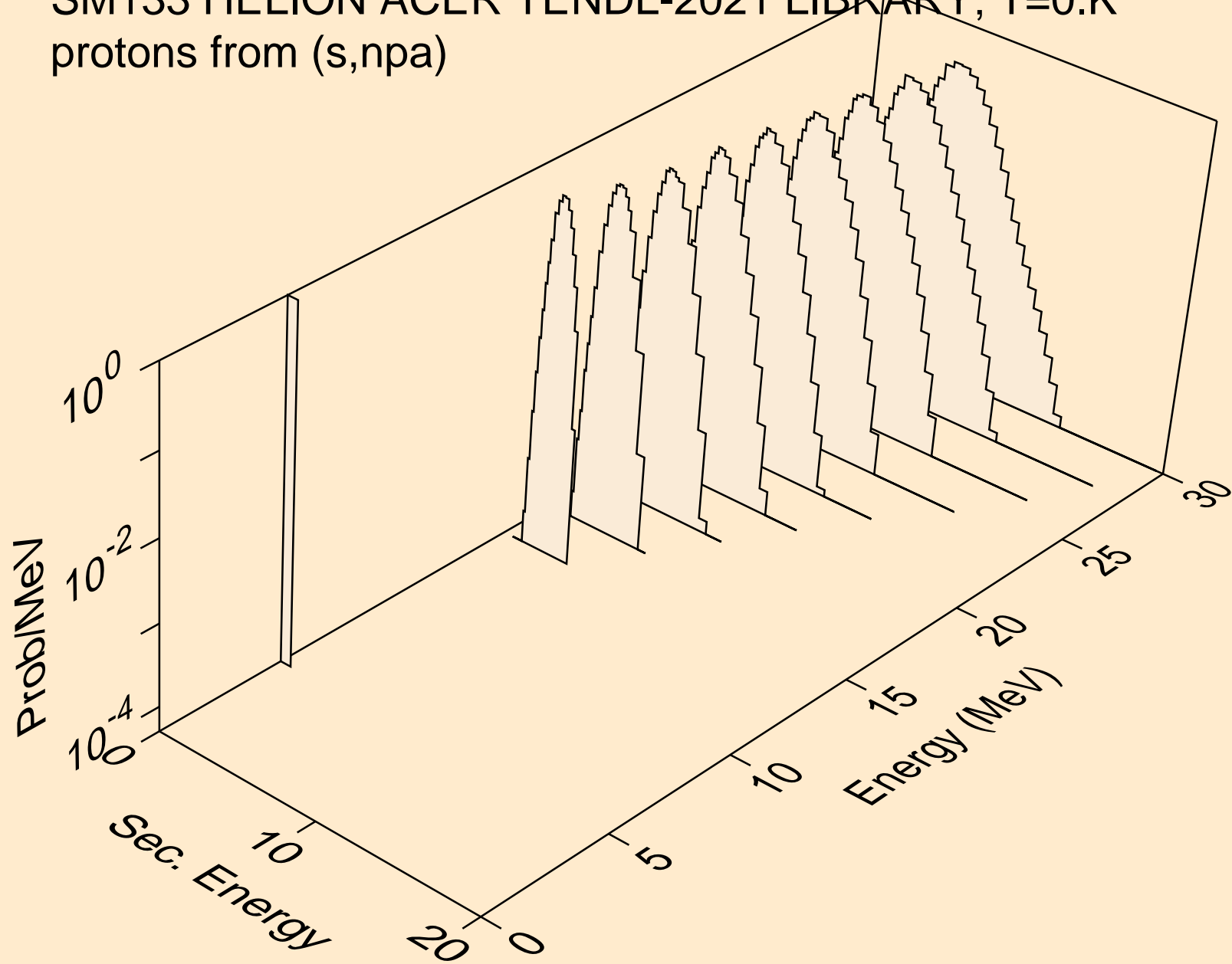
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protons from (s,2np)



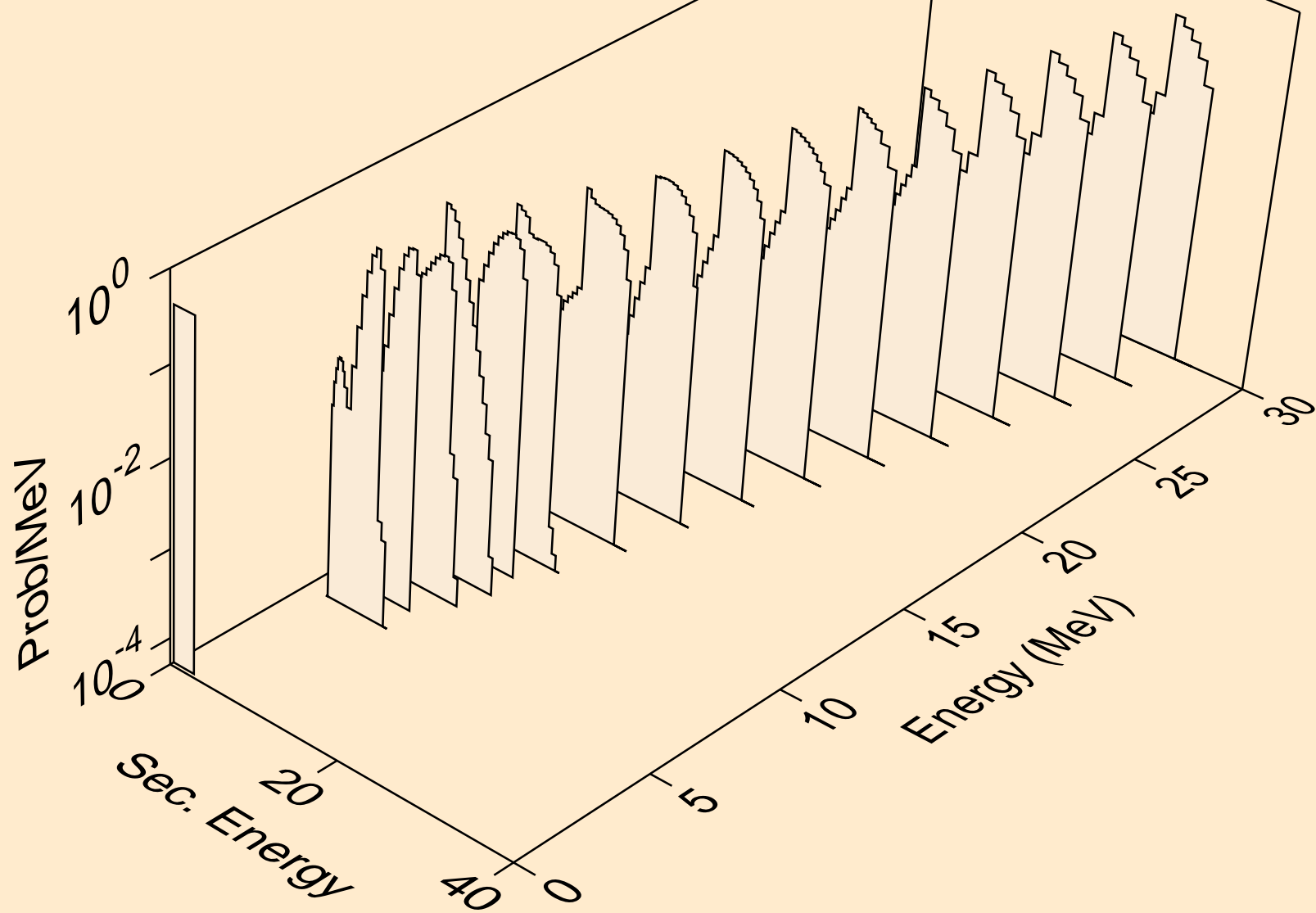
SM133 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2np)



SM133 HELION ACER TENDL-2021 LIBRARY; T=0.K  
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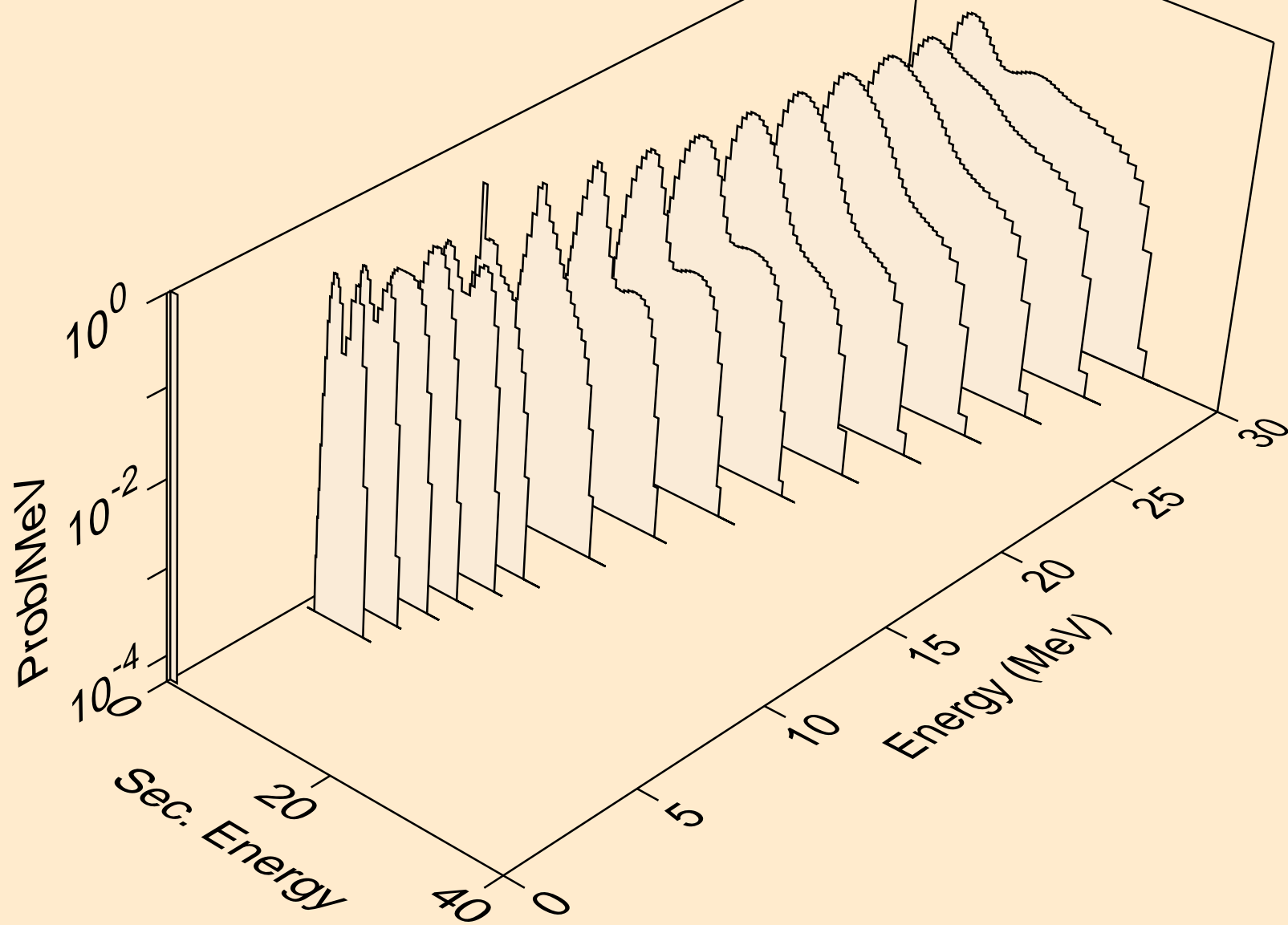


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protons from (s,p)

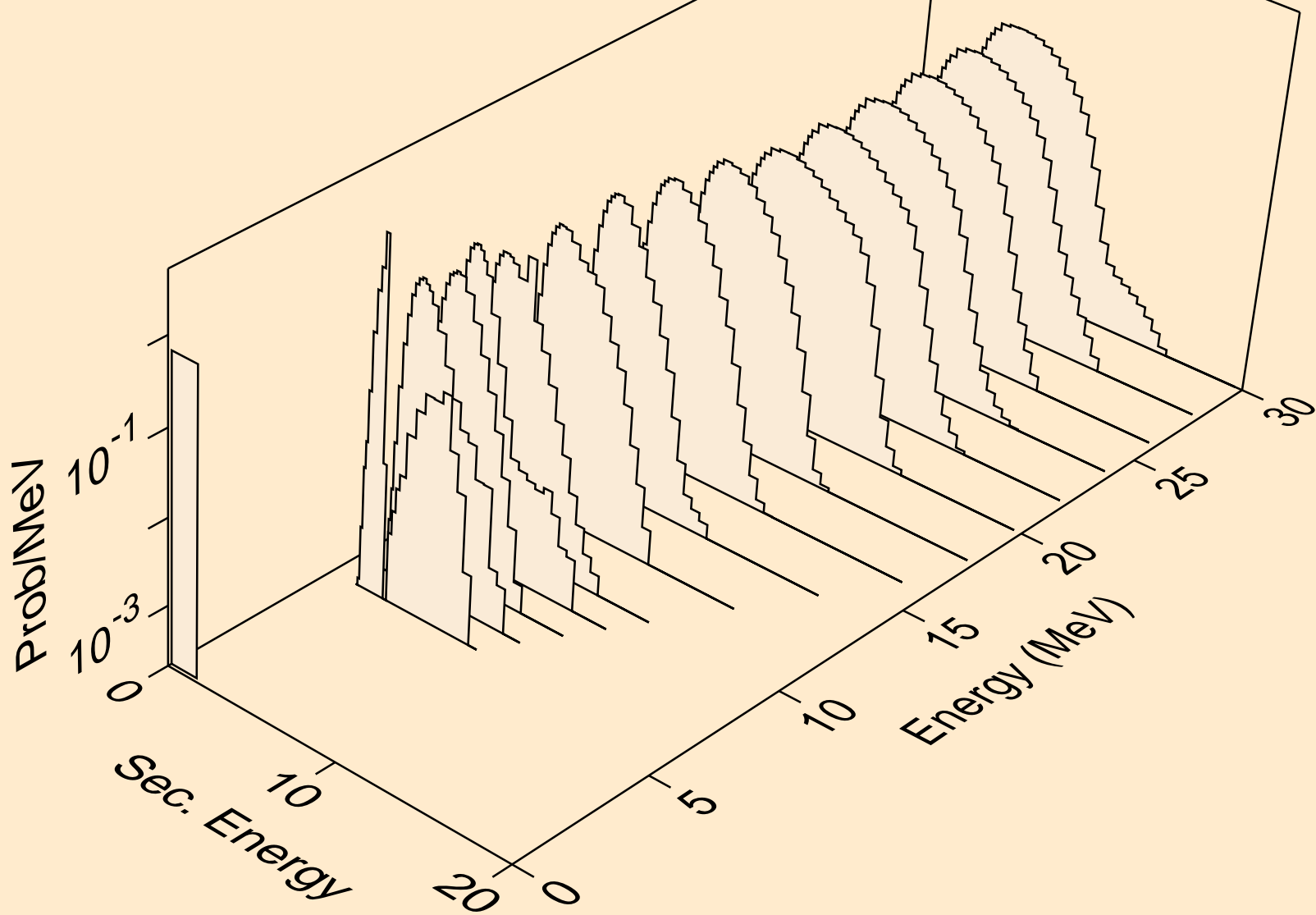




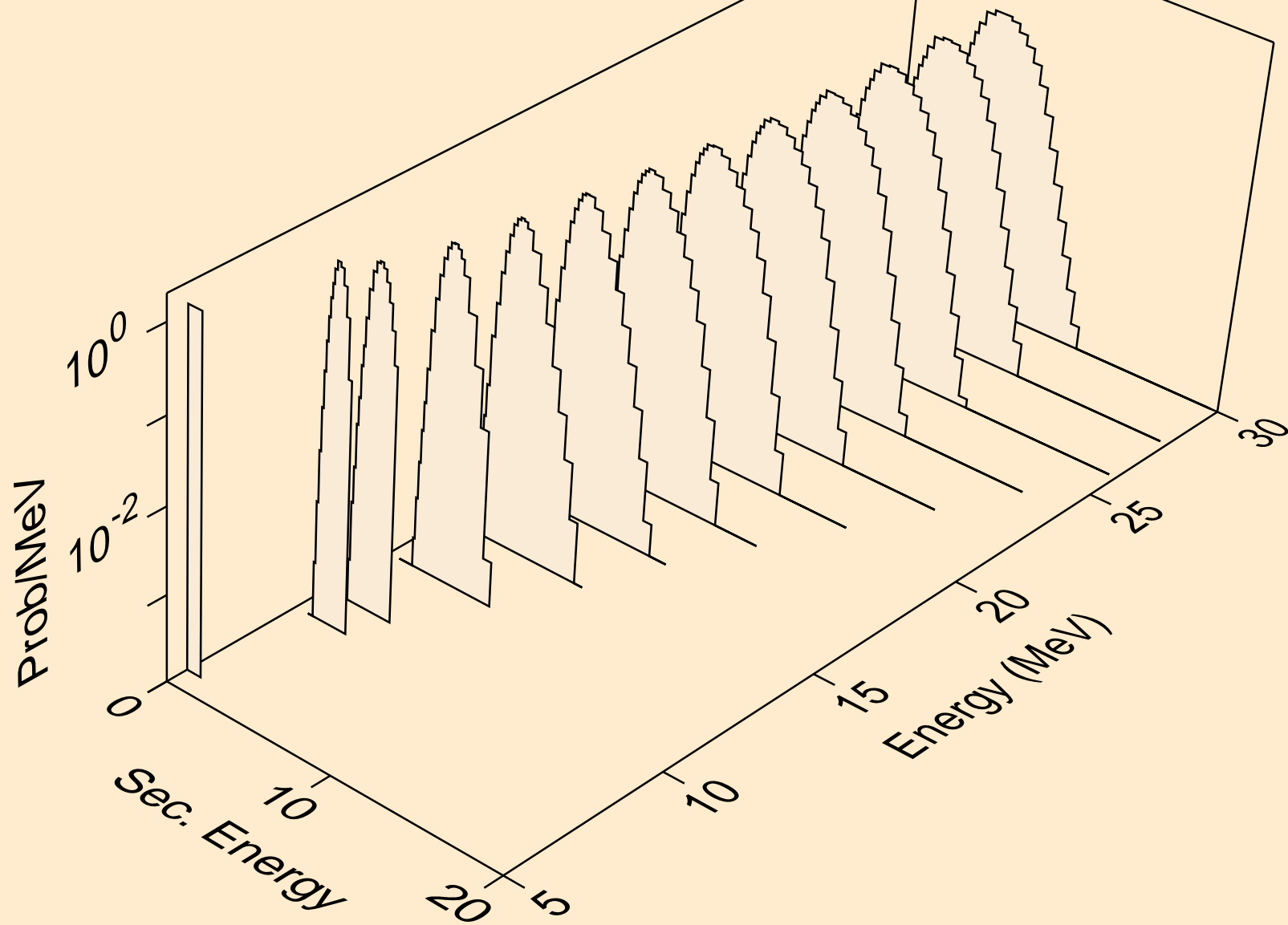
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protons from (s,2p)



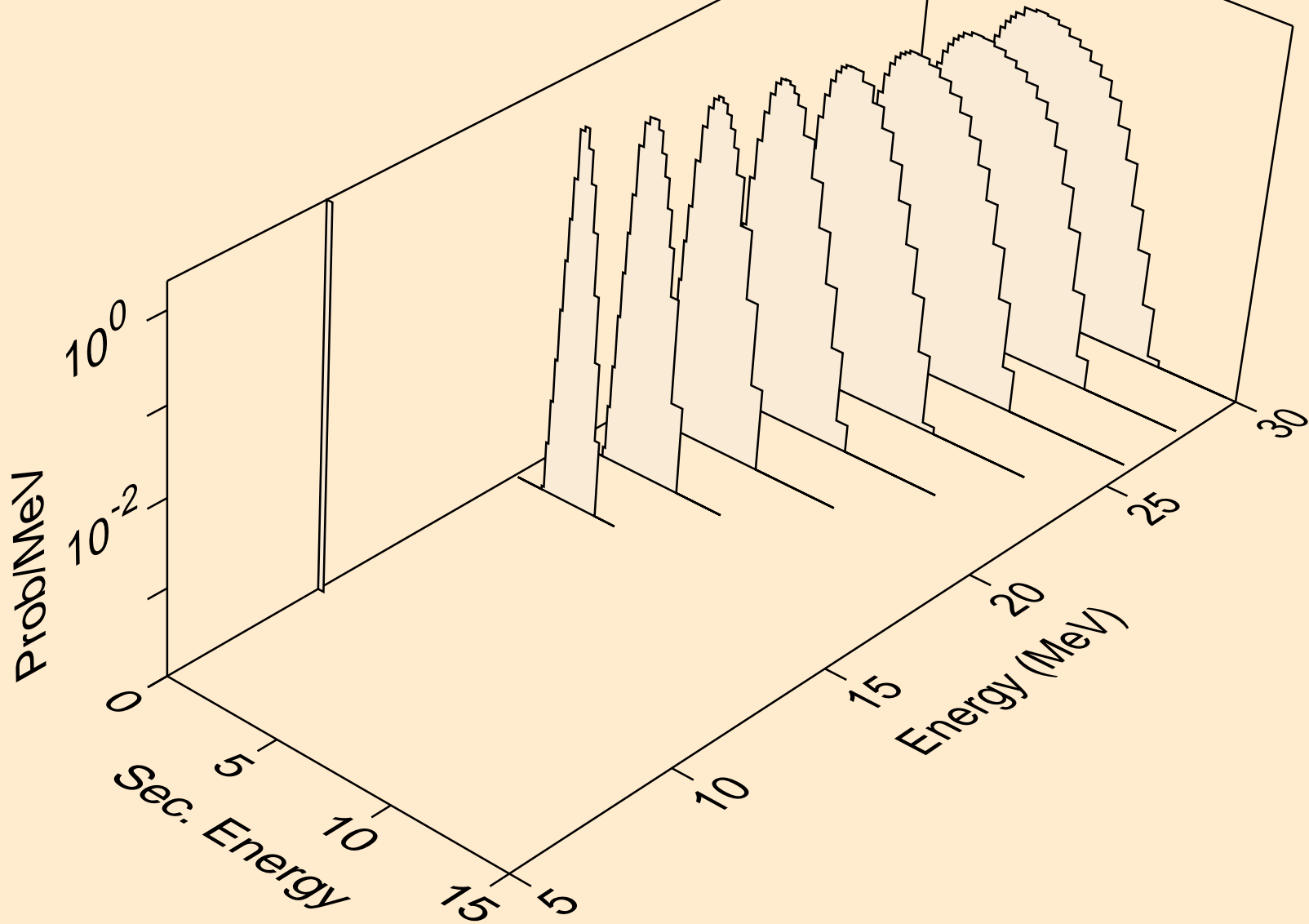
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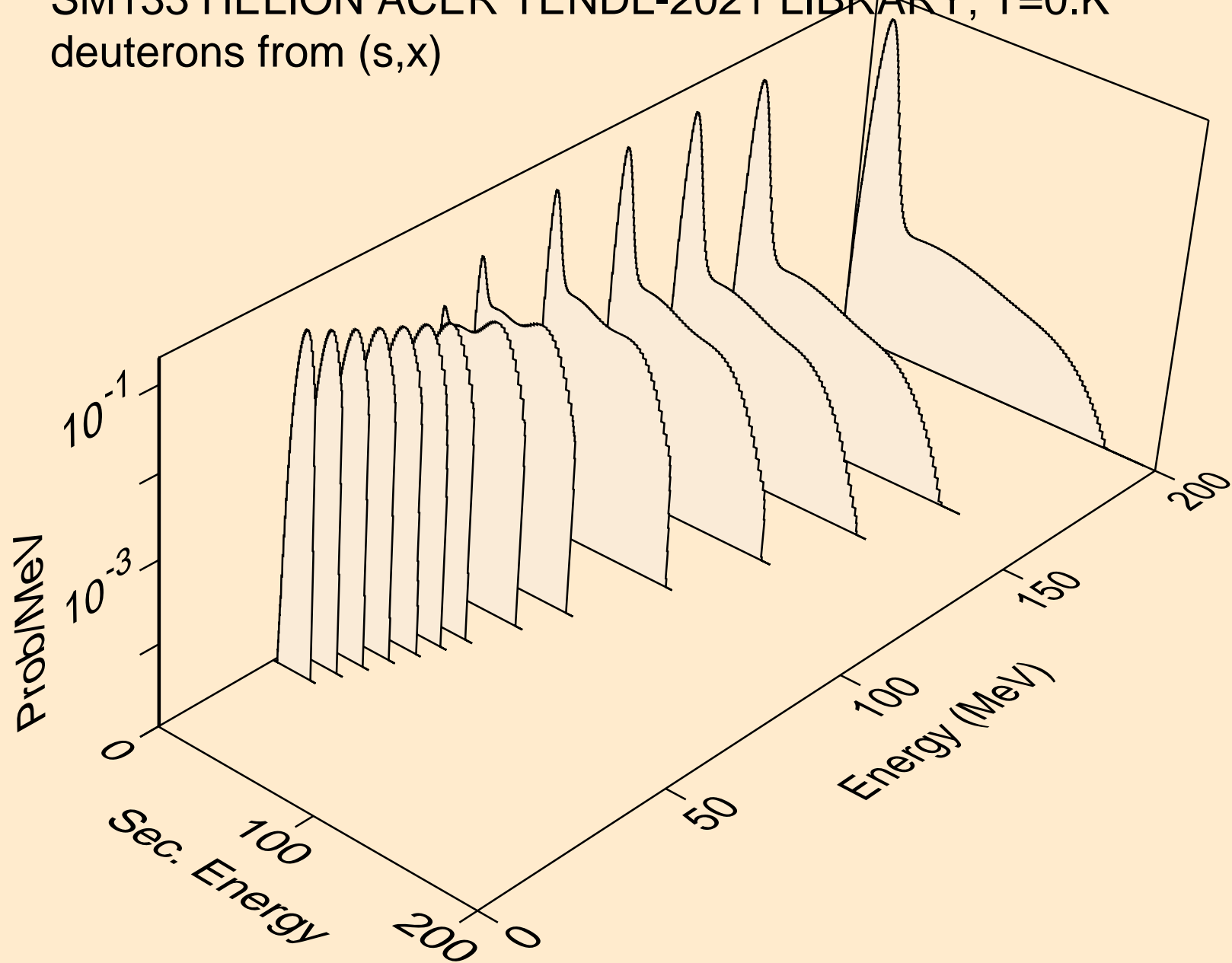
SM133 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pd)



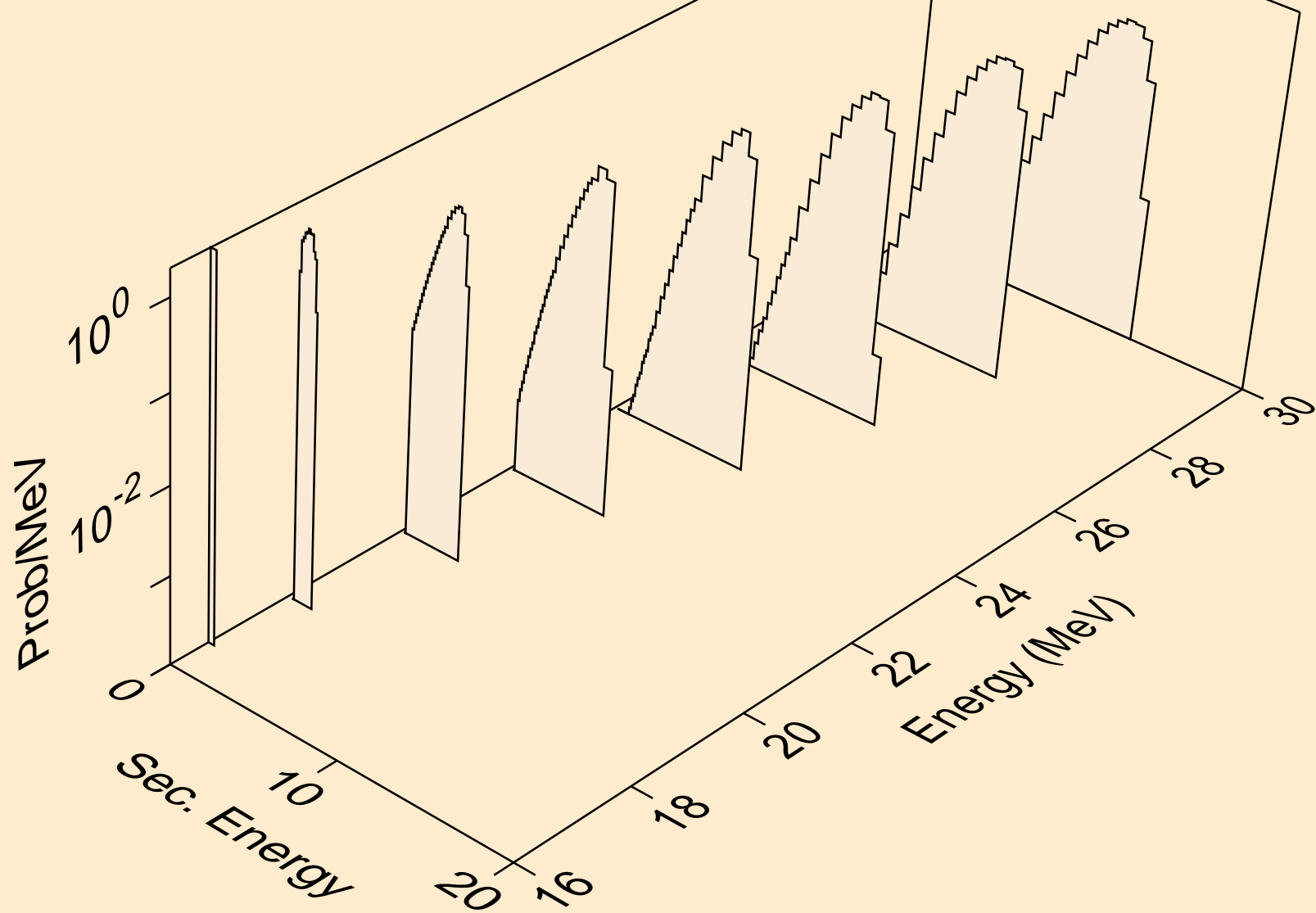
SM133 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pt)



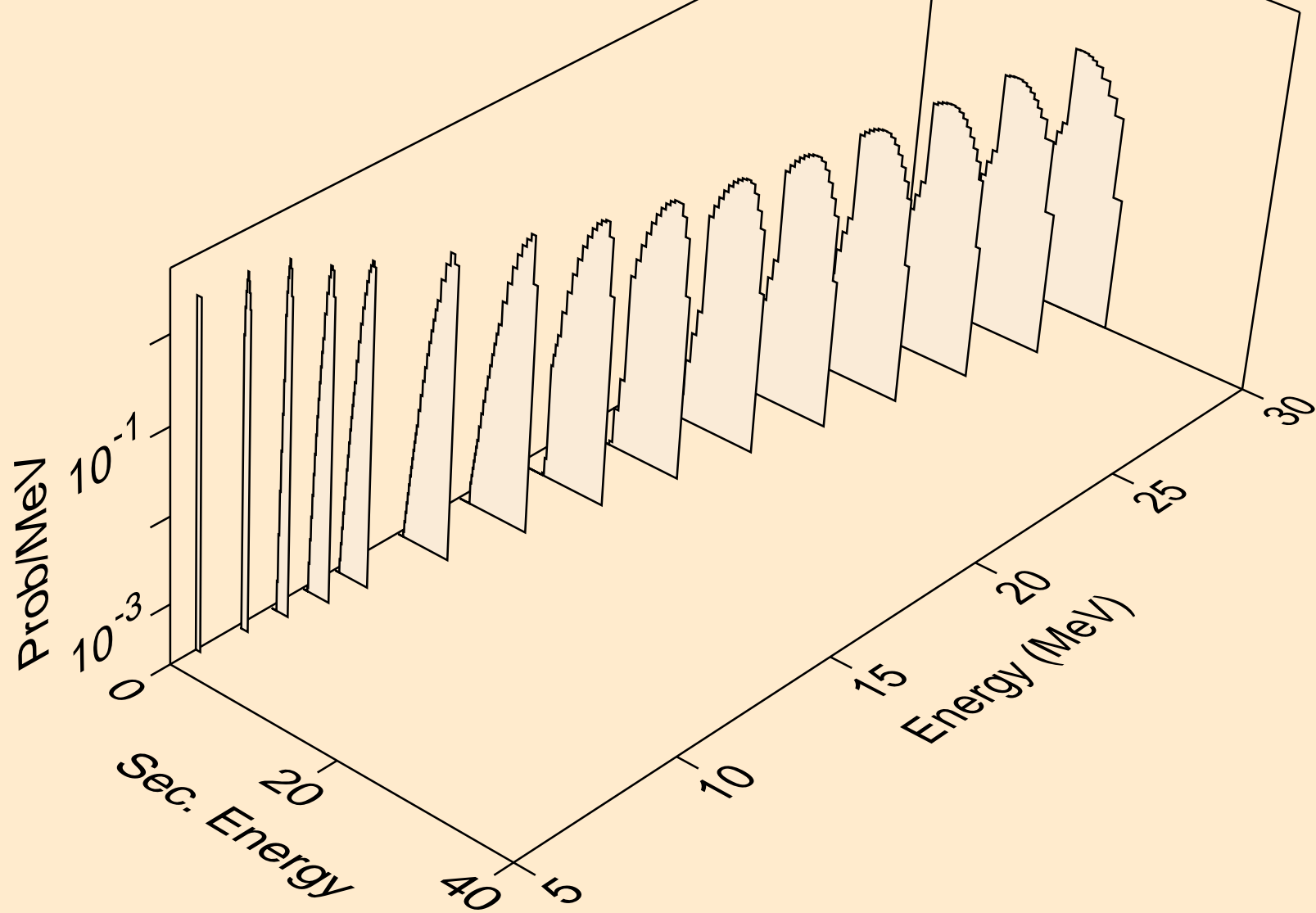
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deuterons from (s,x)



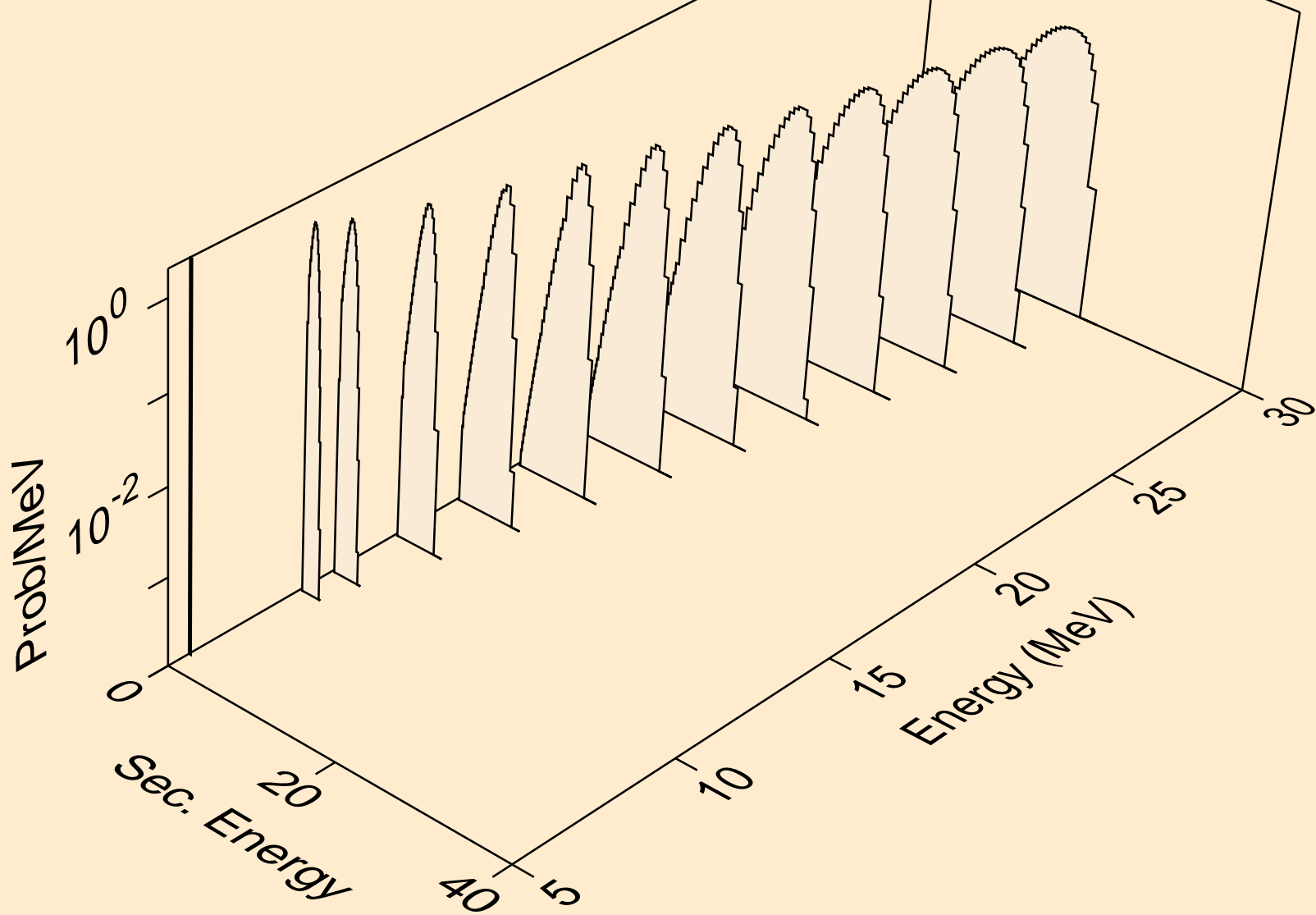
SM133 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,n\*)d



SM133 HELION ACER TENDL-2021 LIBRARY; T=0.K  
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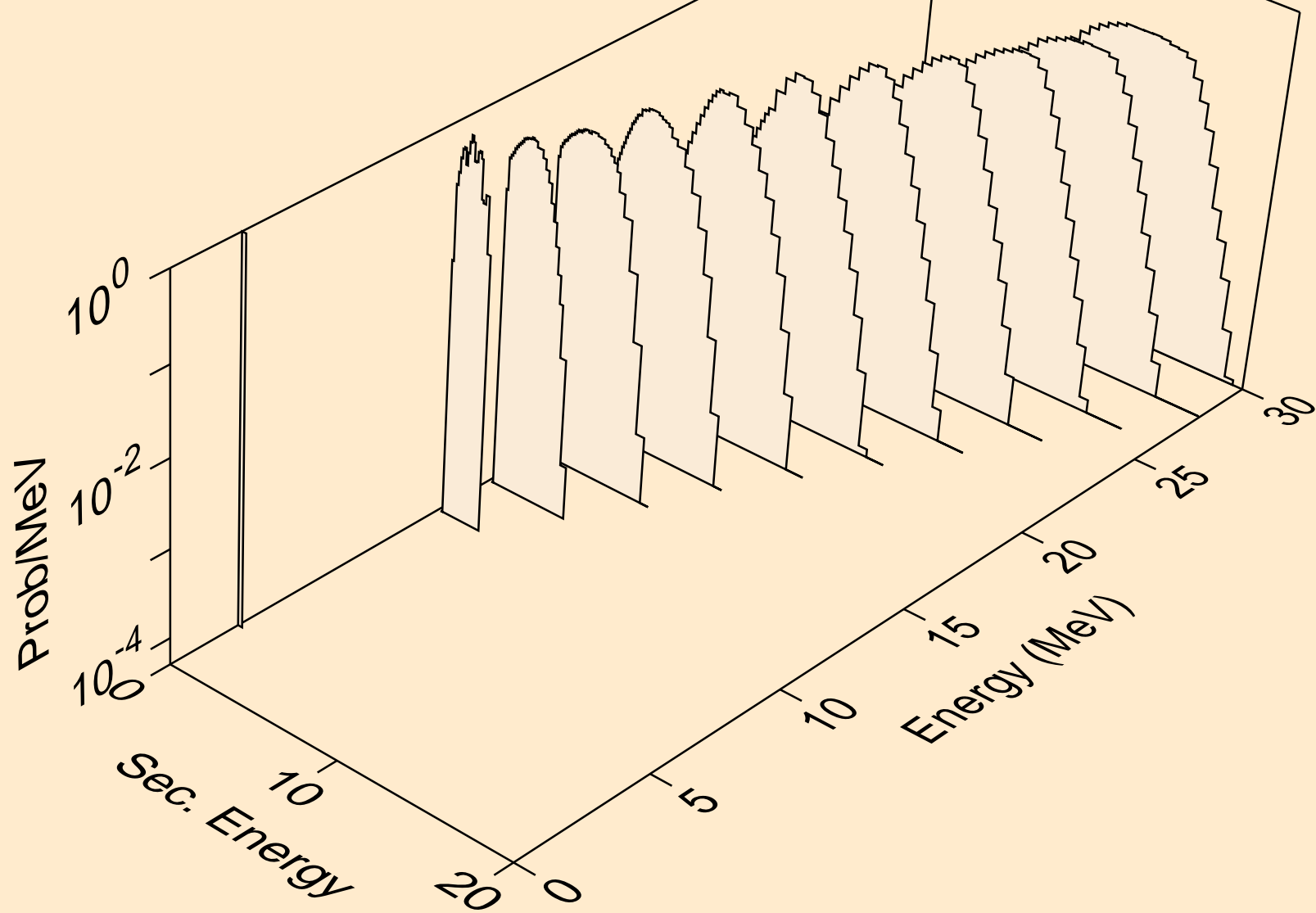


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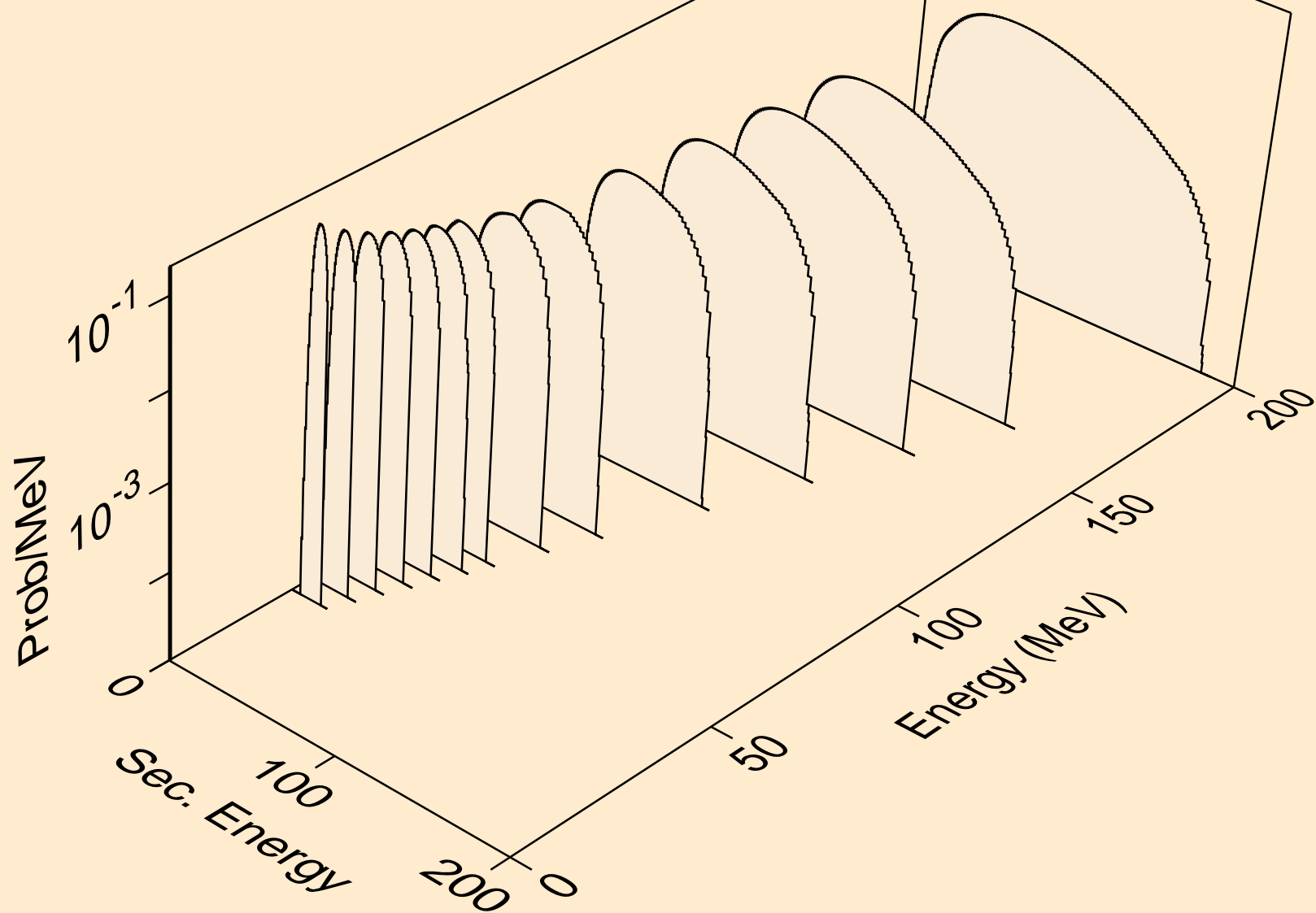




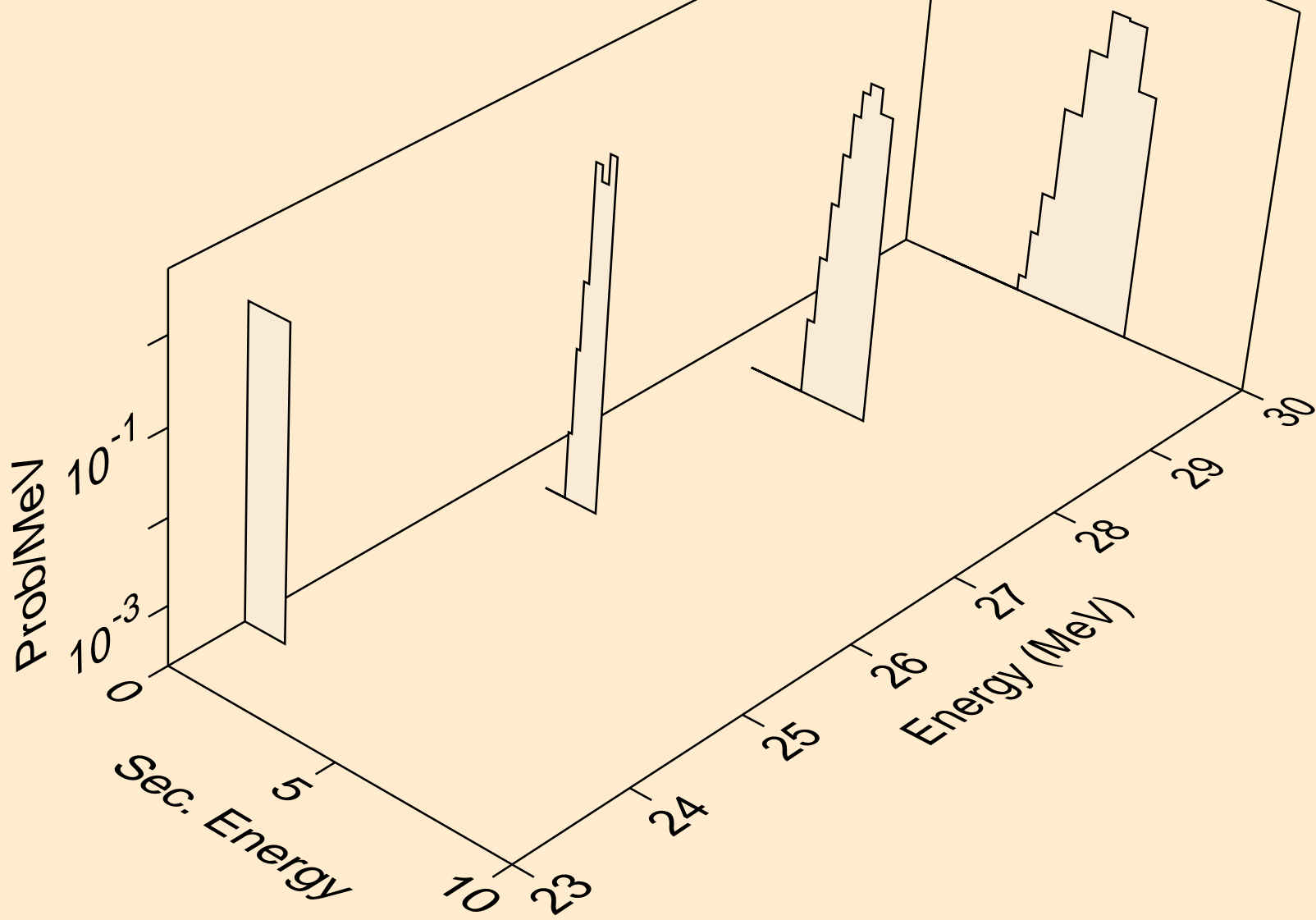
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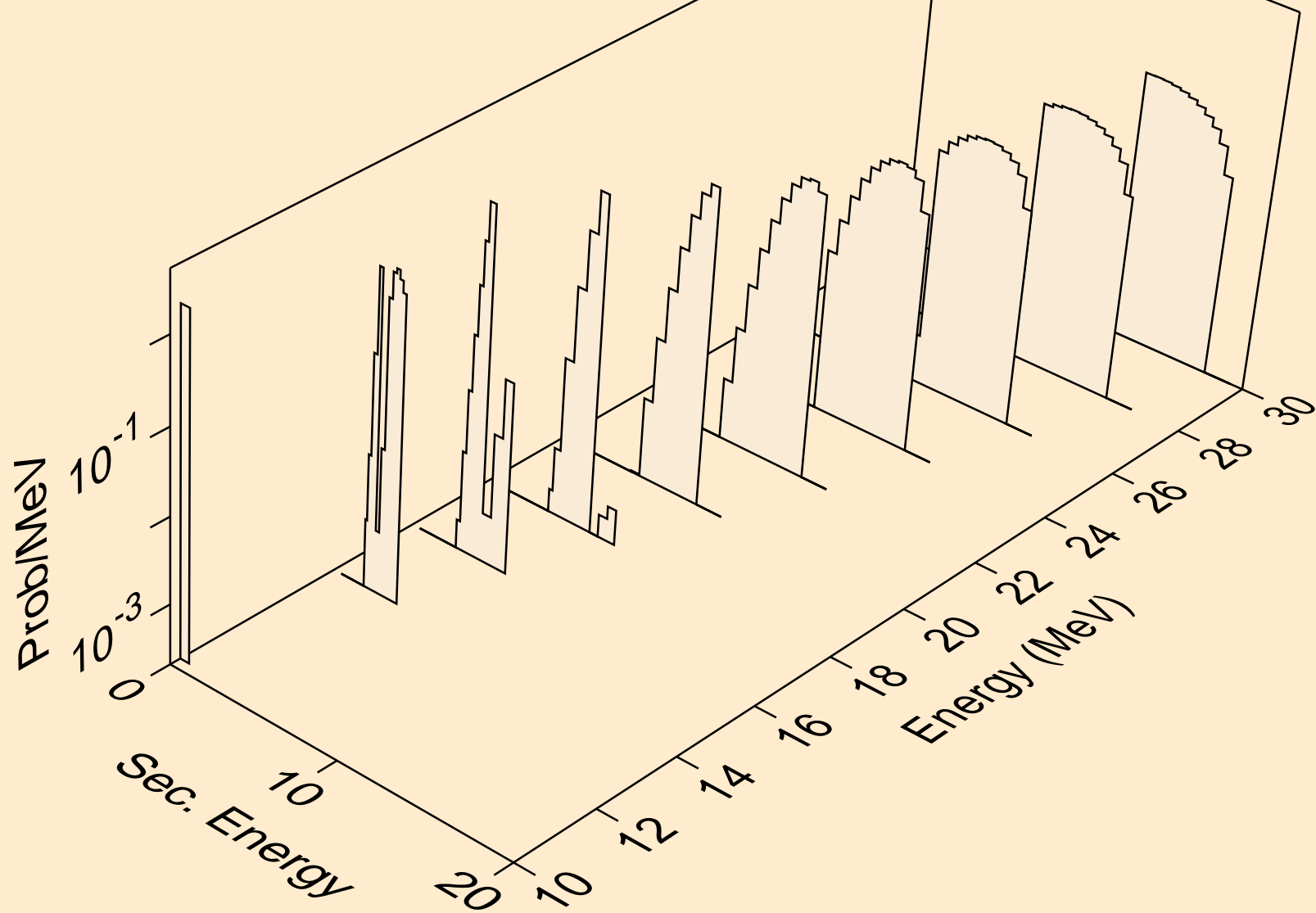
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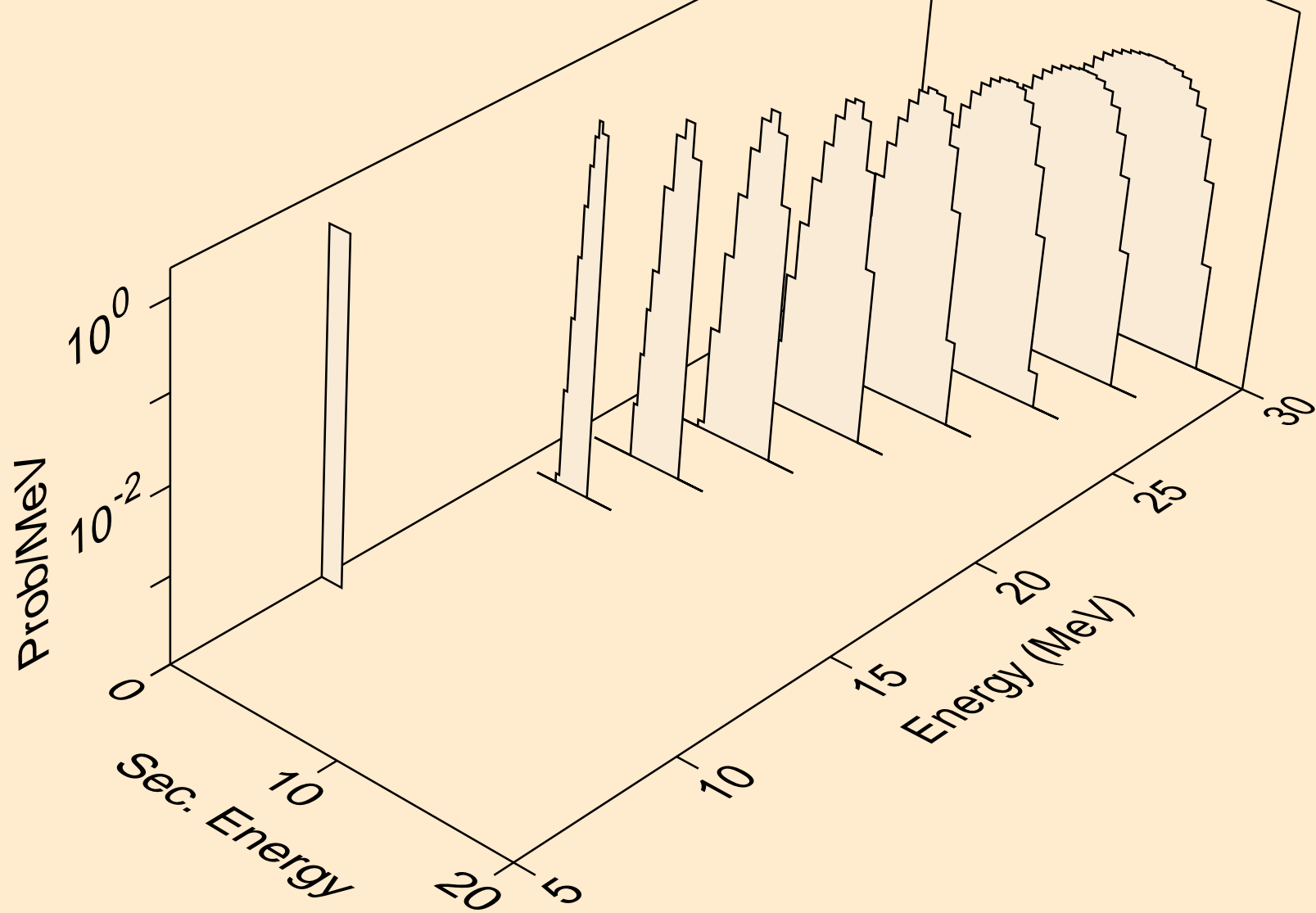
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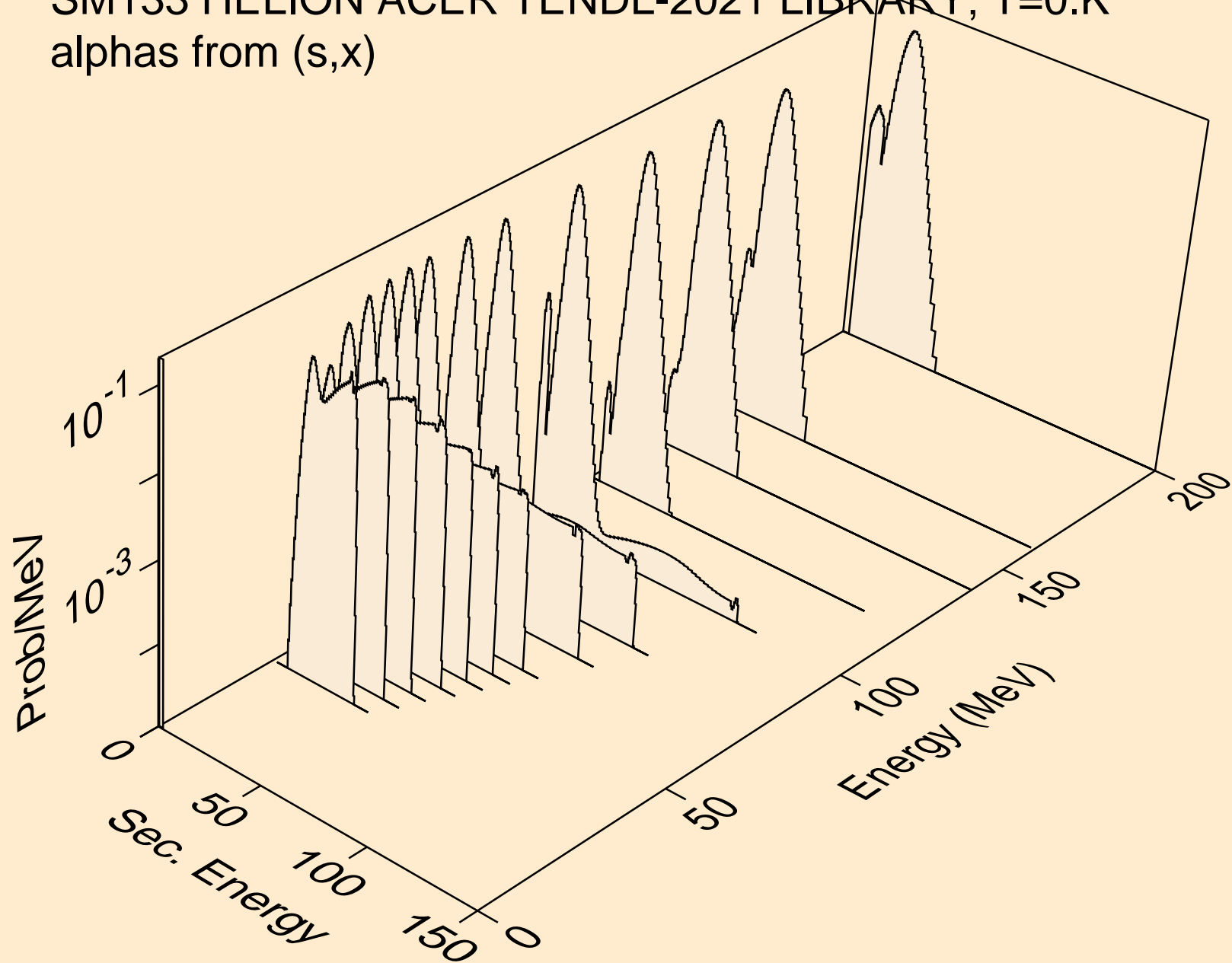
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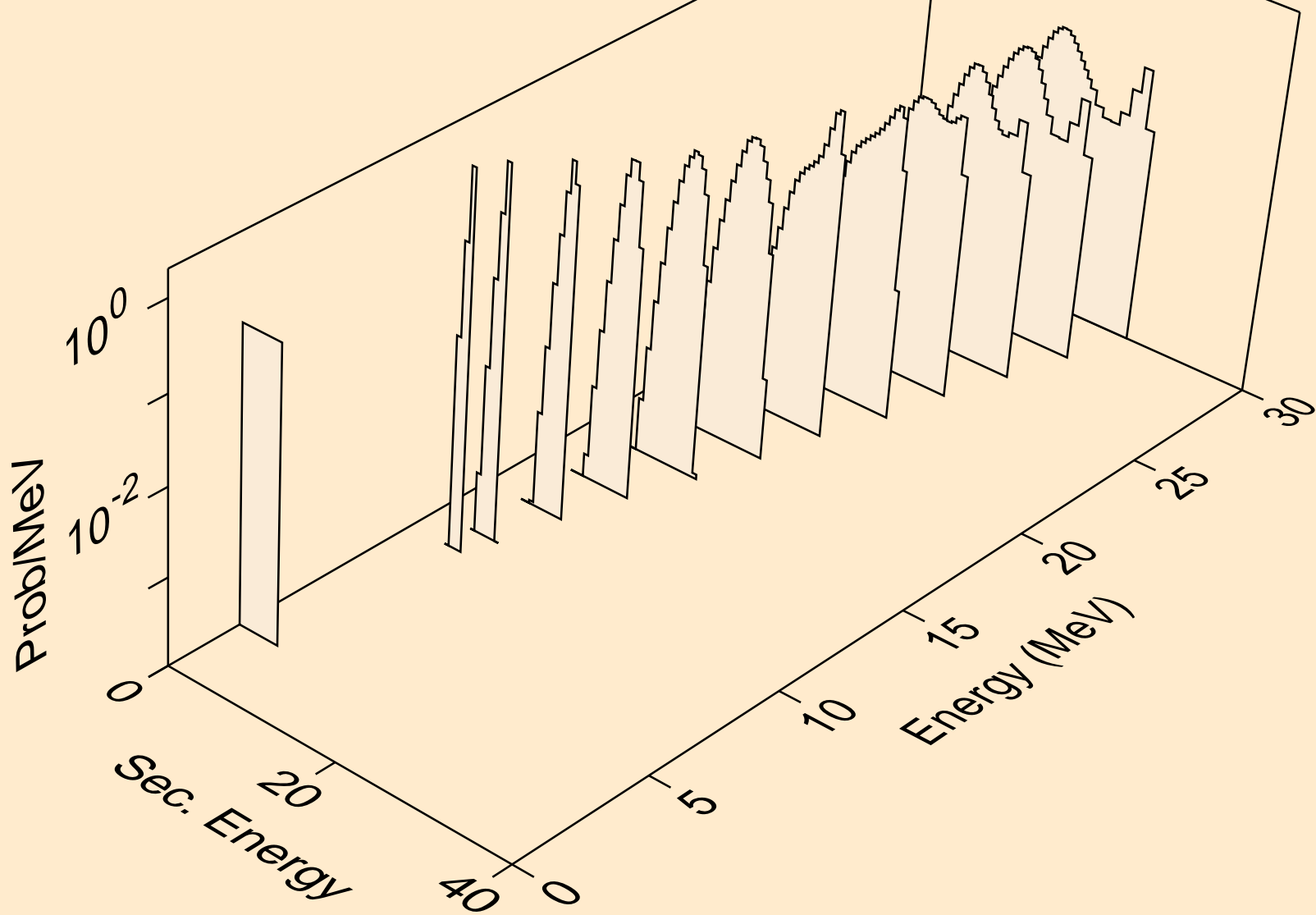
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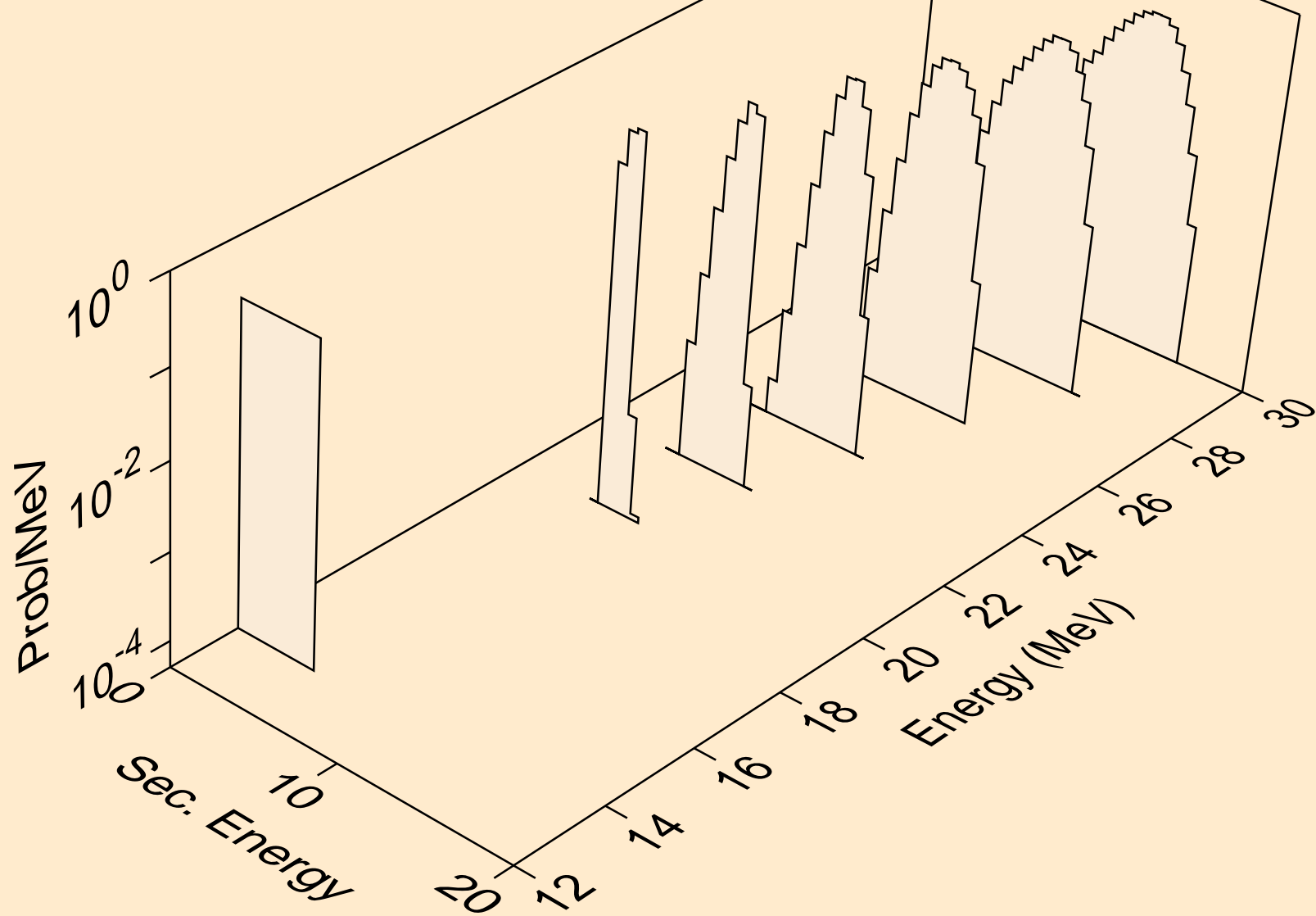
SM133 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,x)



SM133 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)a

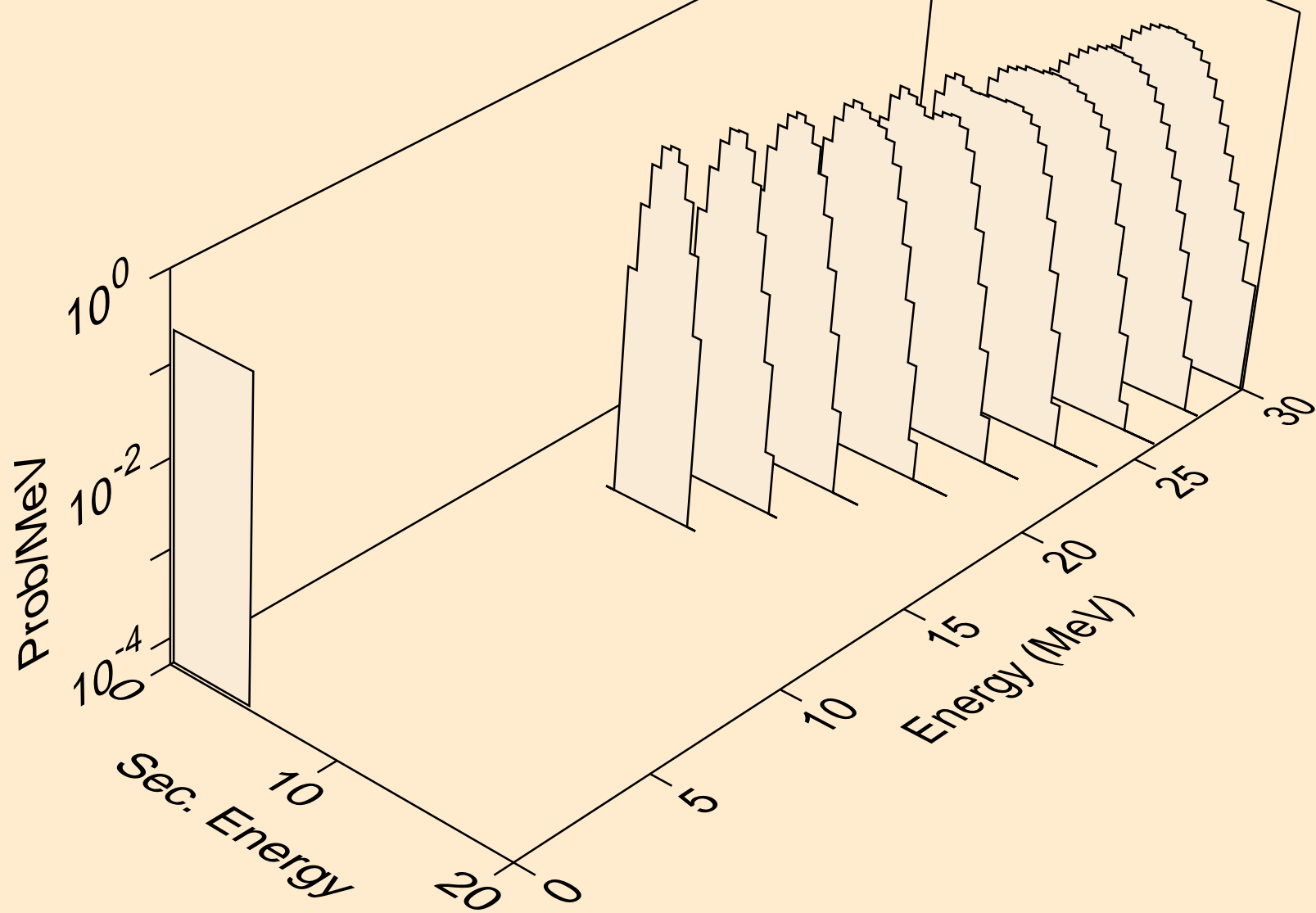


SM133 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2n)a

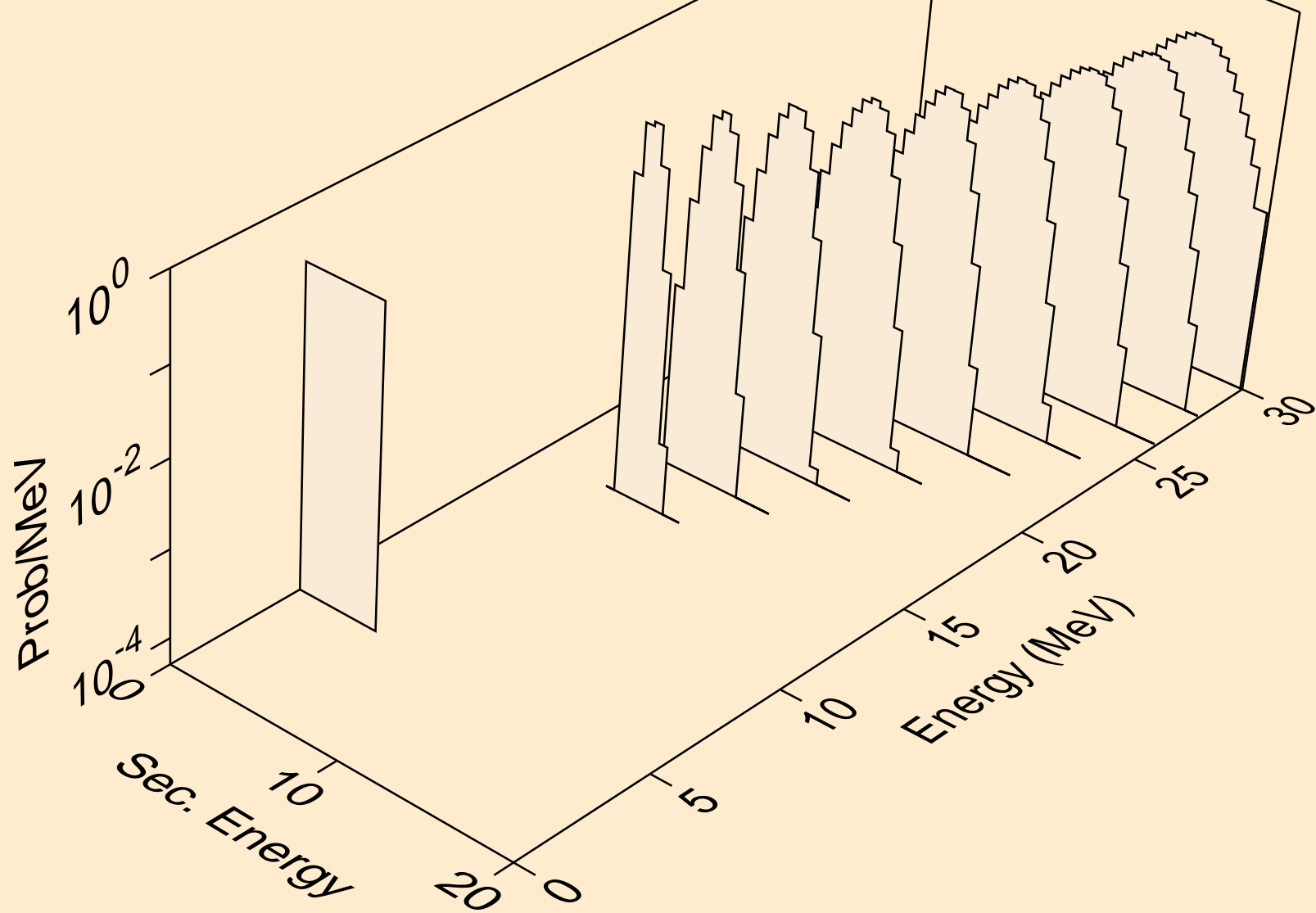




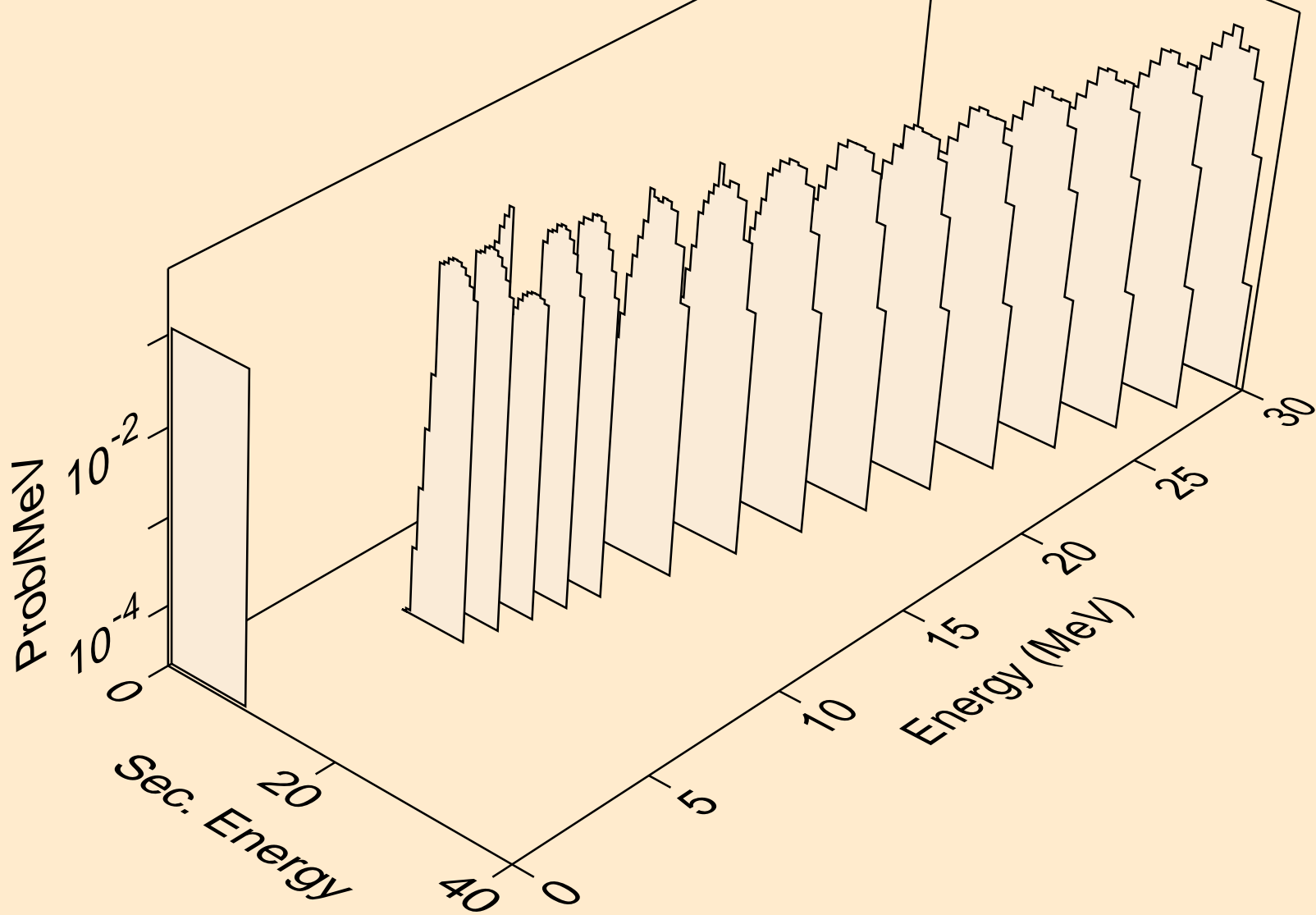
SM133 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)2a



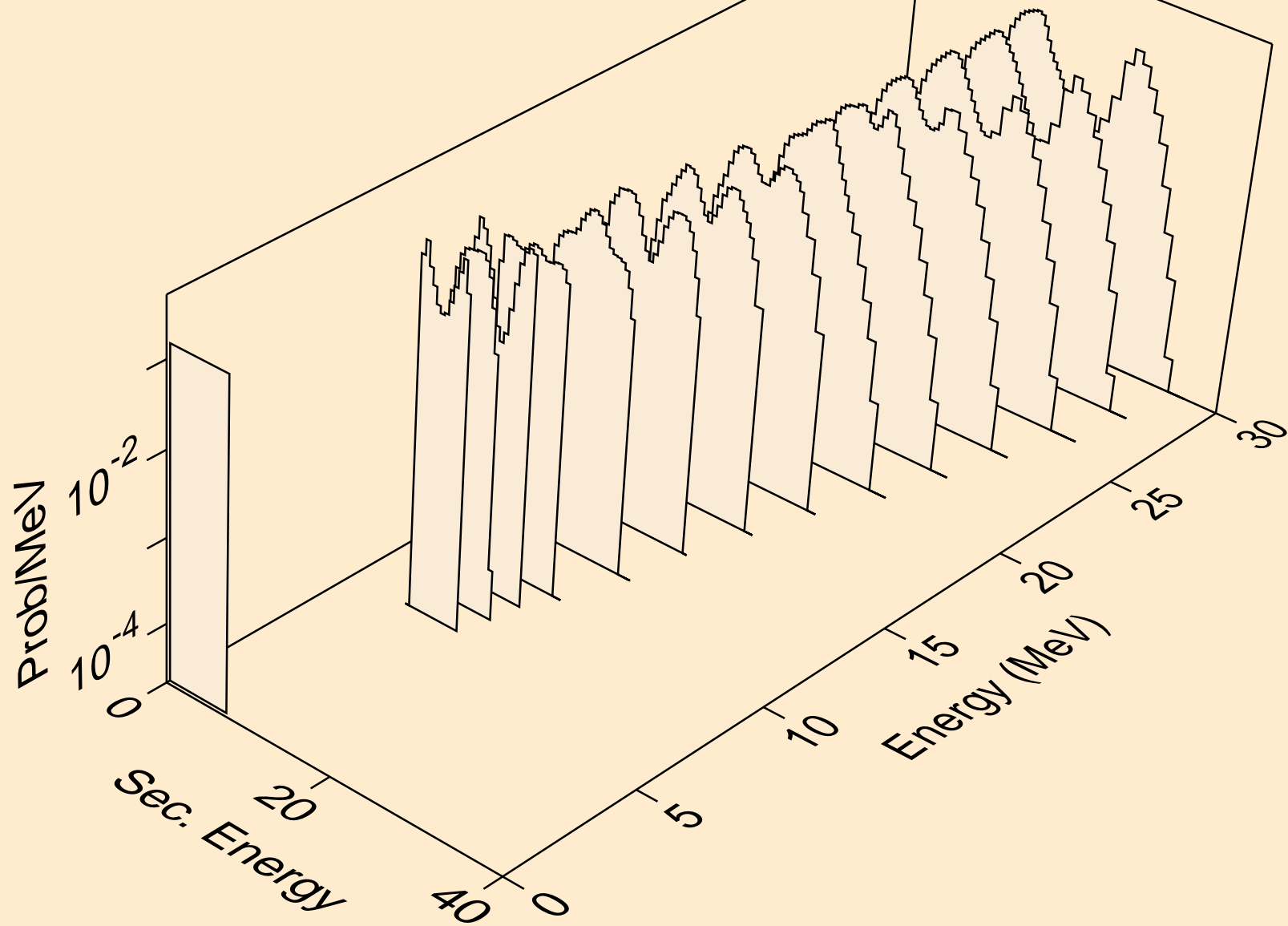
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alphas from (s,npa)



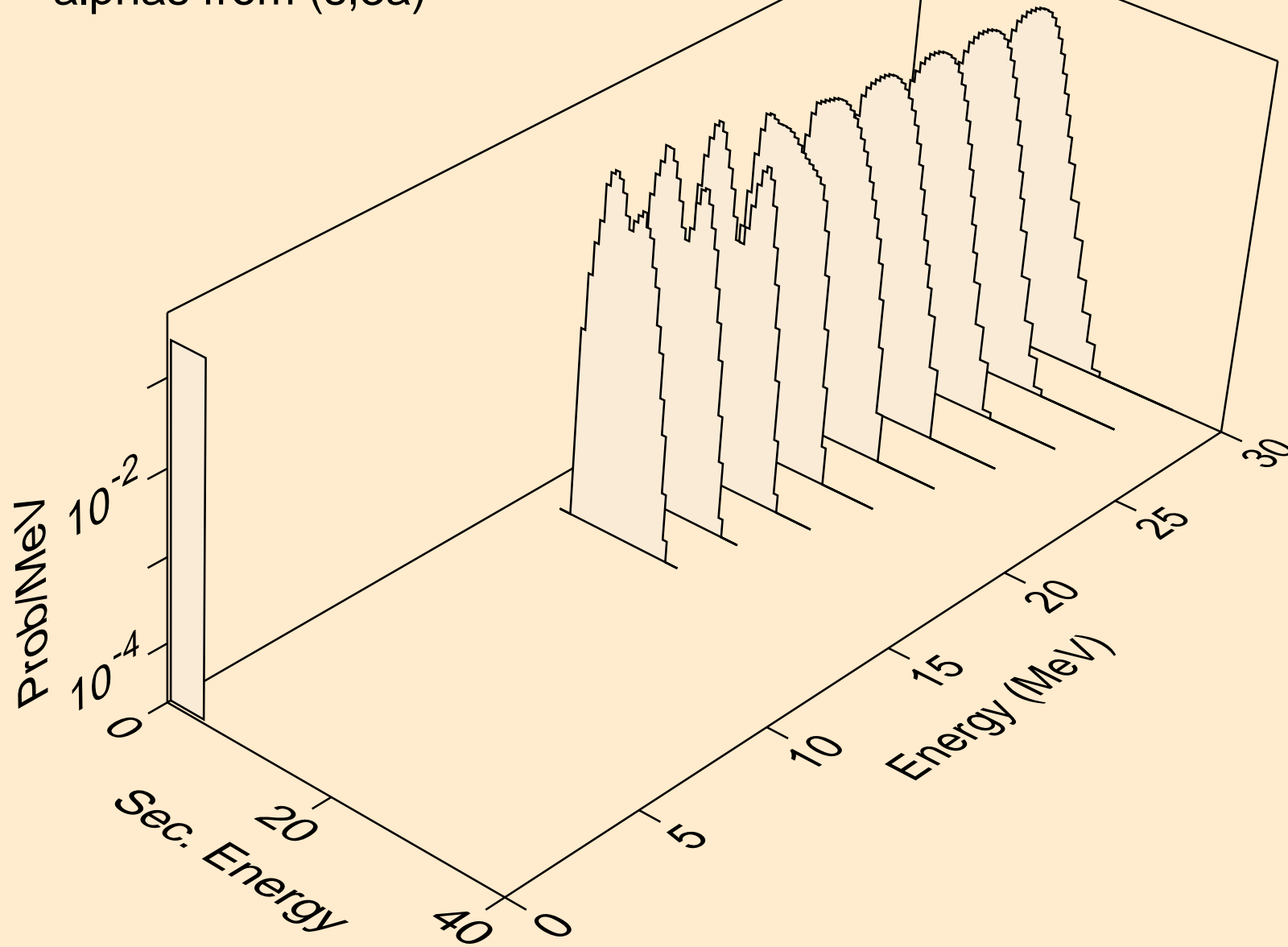
SM133 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,a)



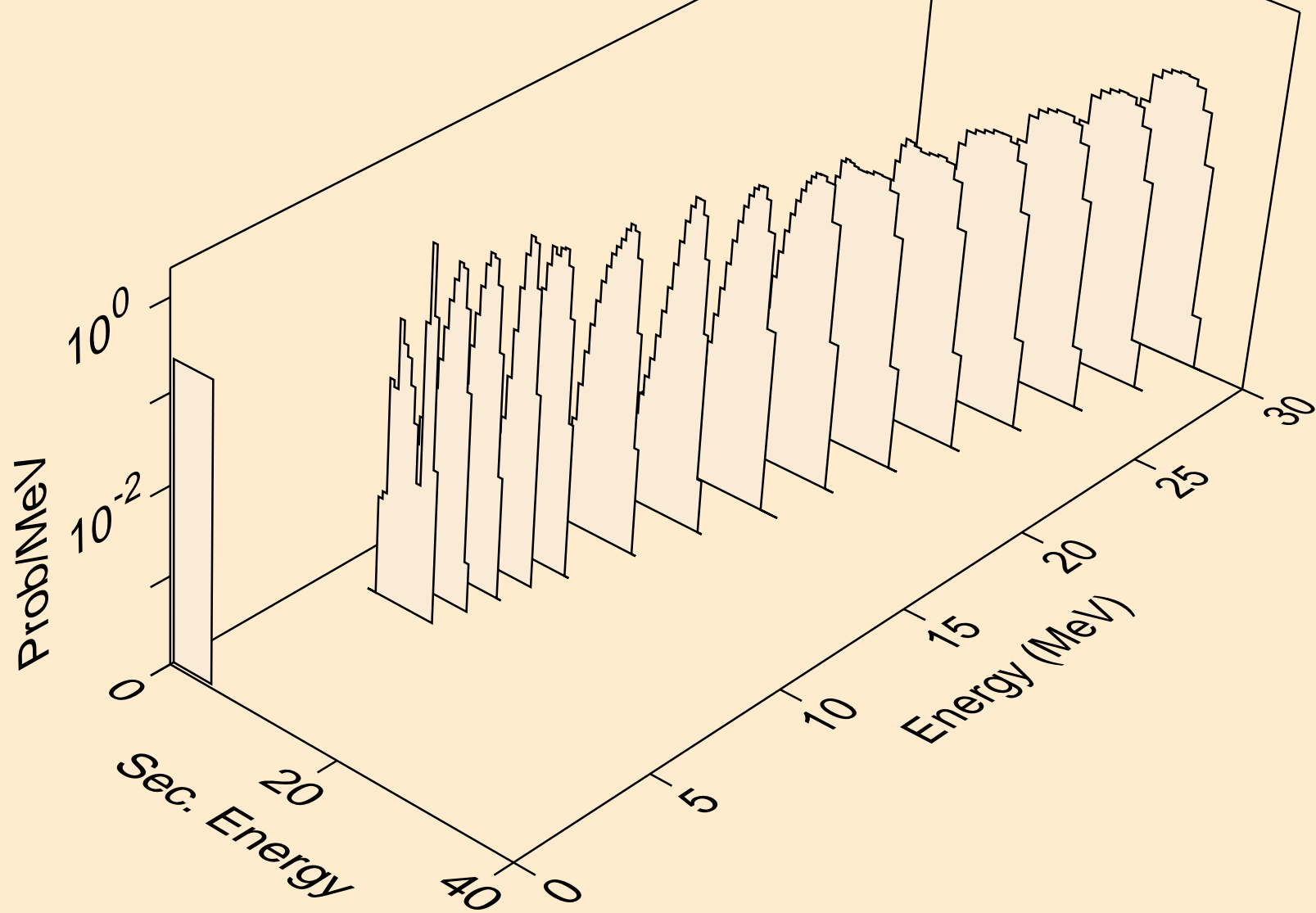
SM133 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2a)



SM133 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,3a)



SM133 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,pa)



SM133 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,da)

