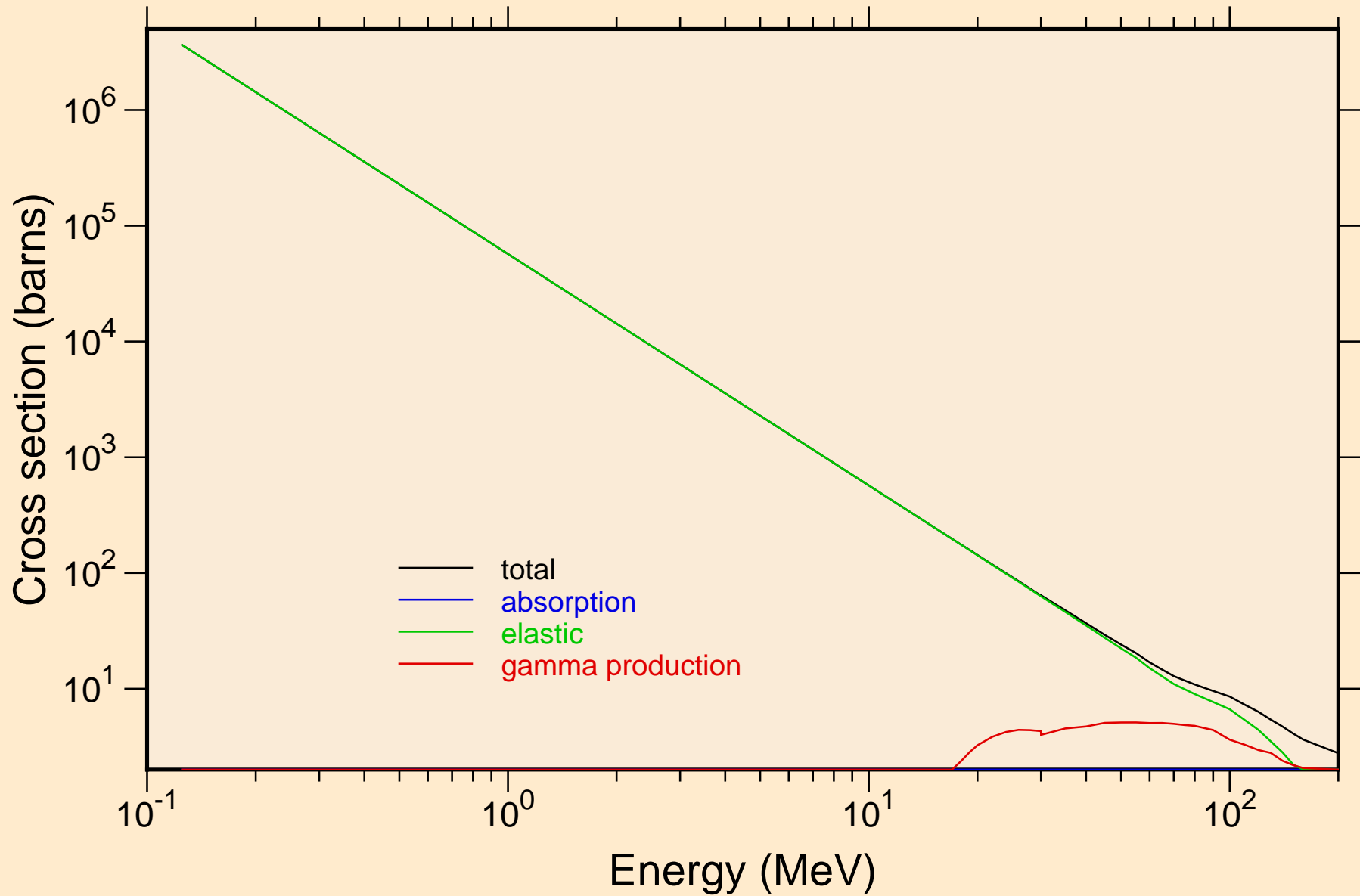


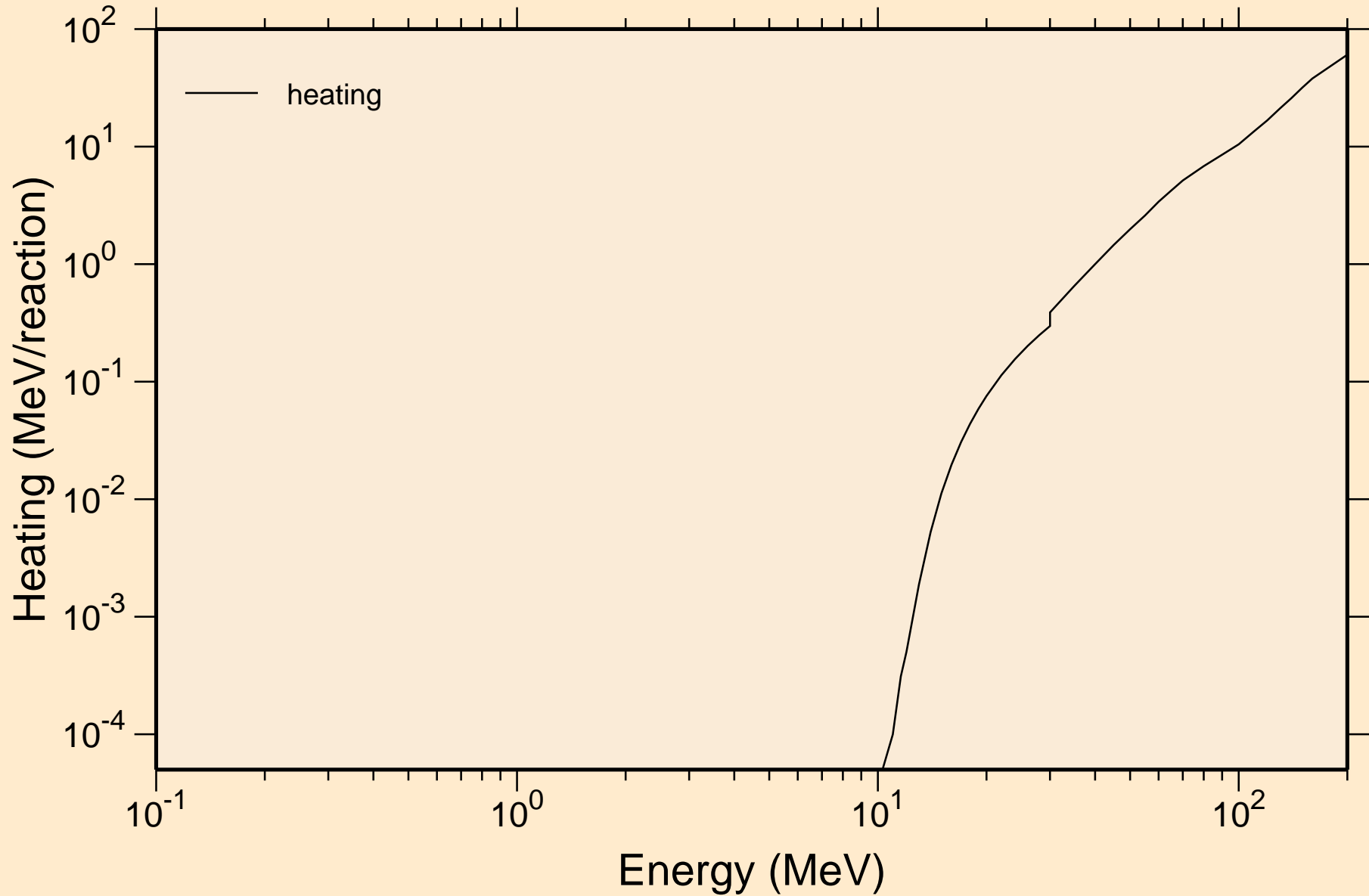
# AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



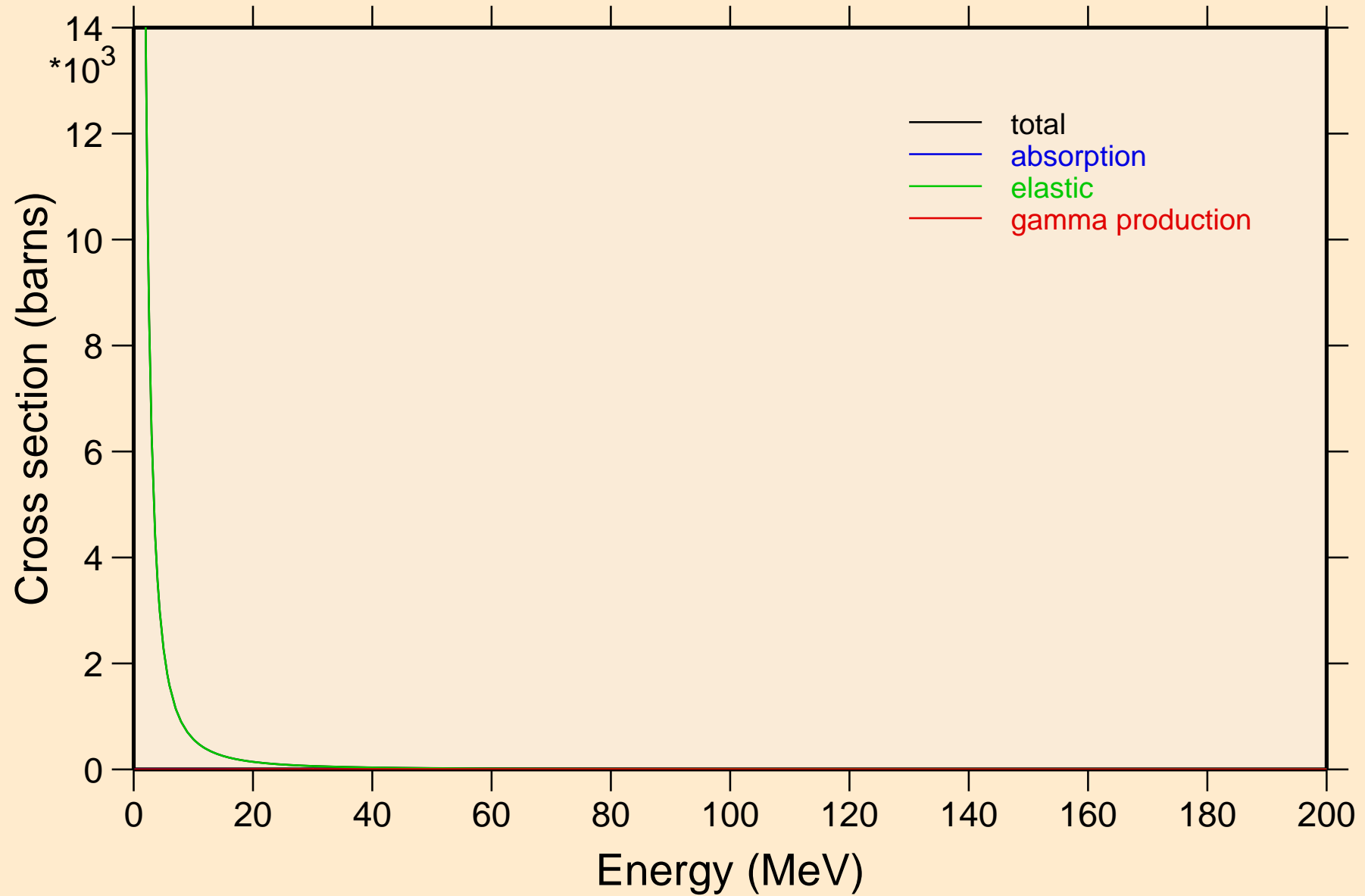
# AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Heating



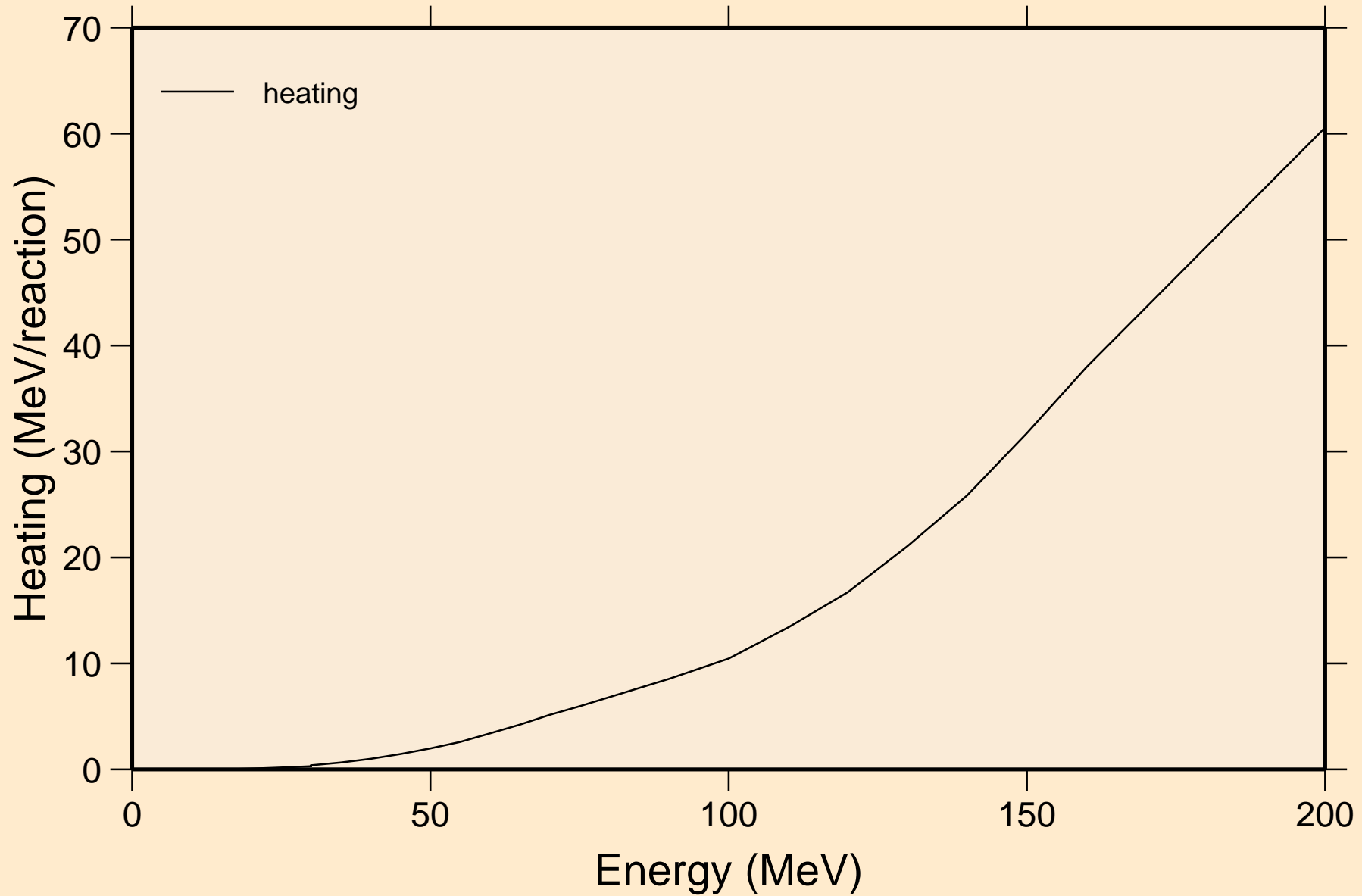
# AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

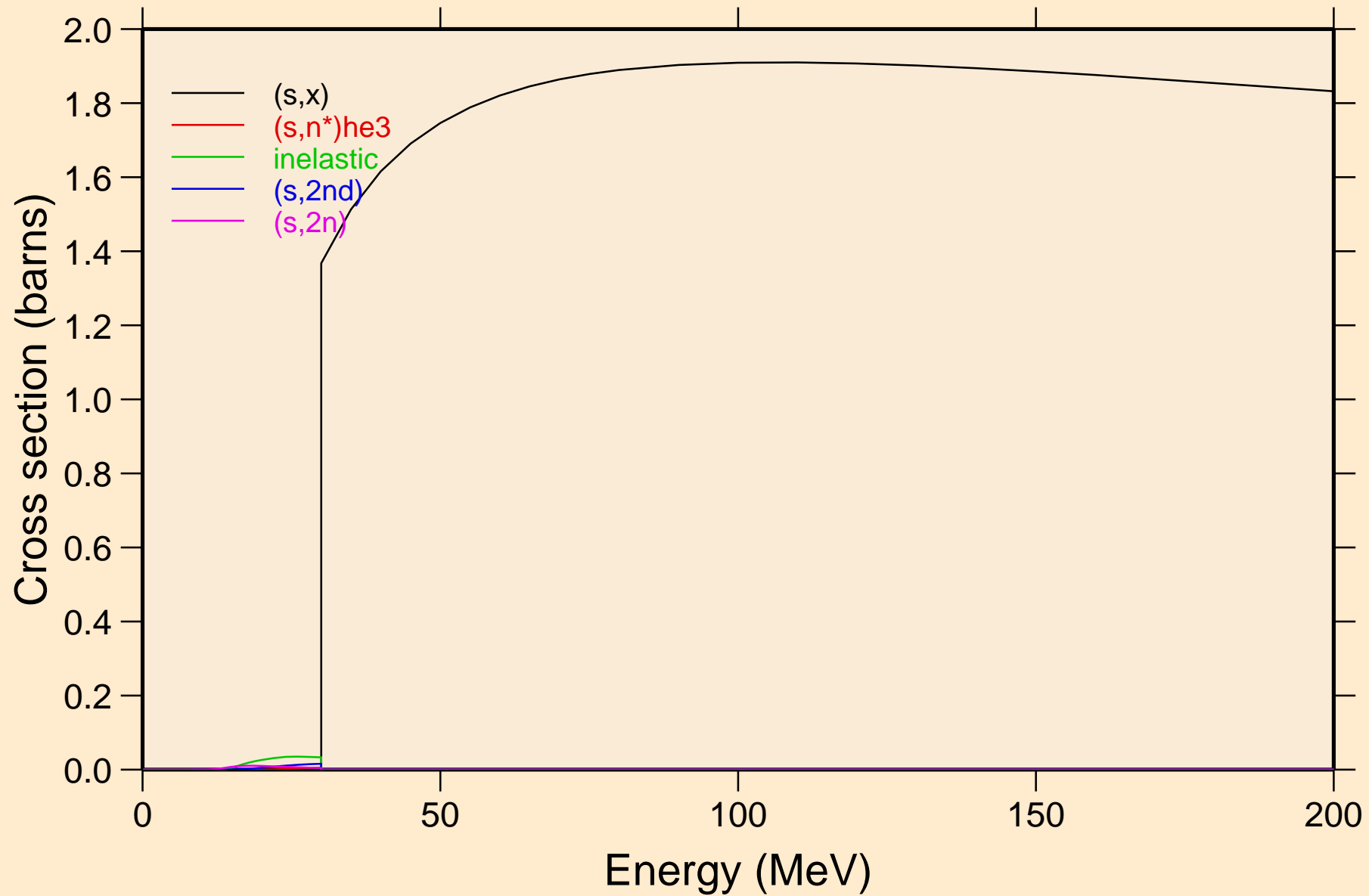


AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K

Heating

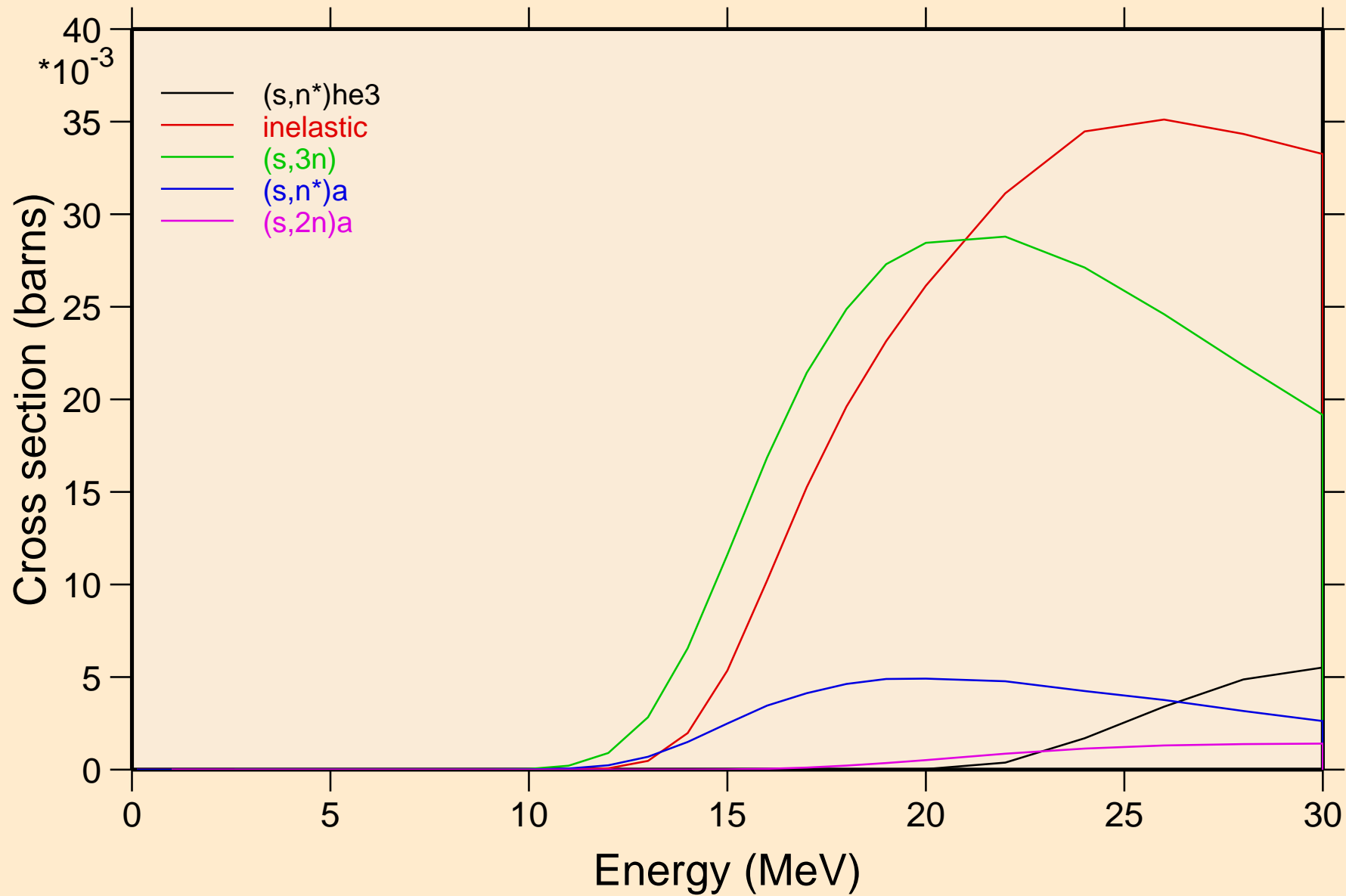


AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



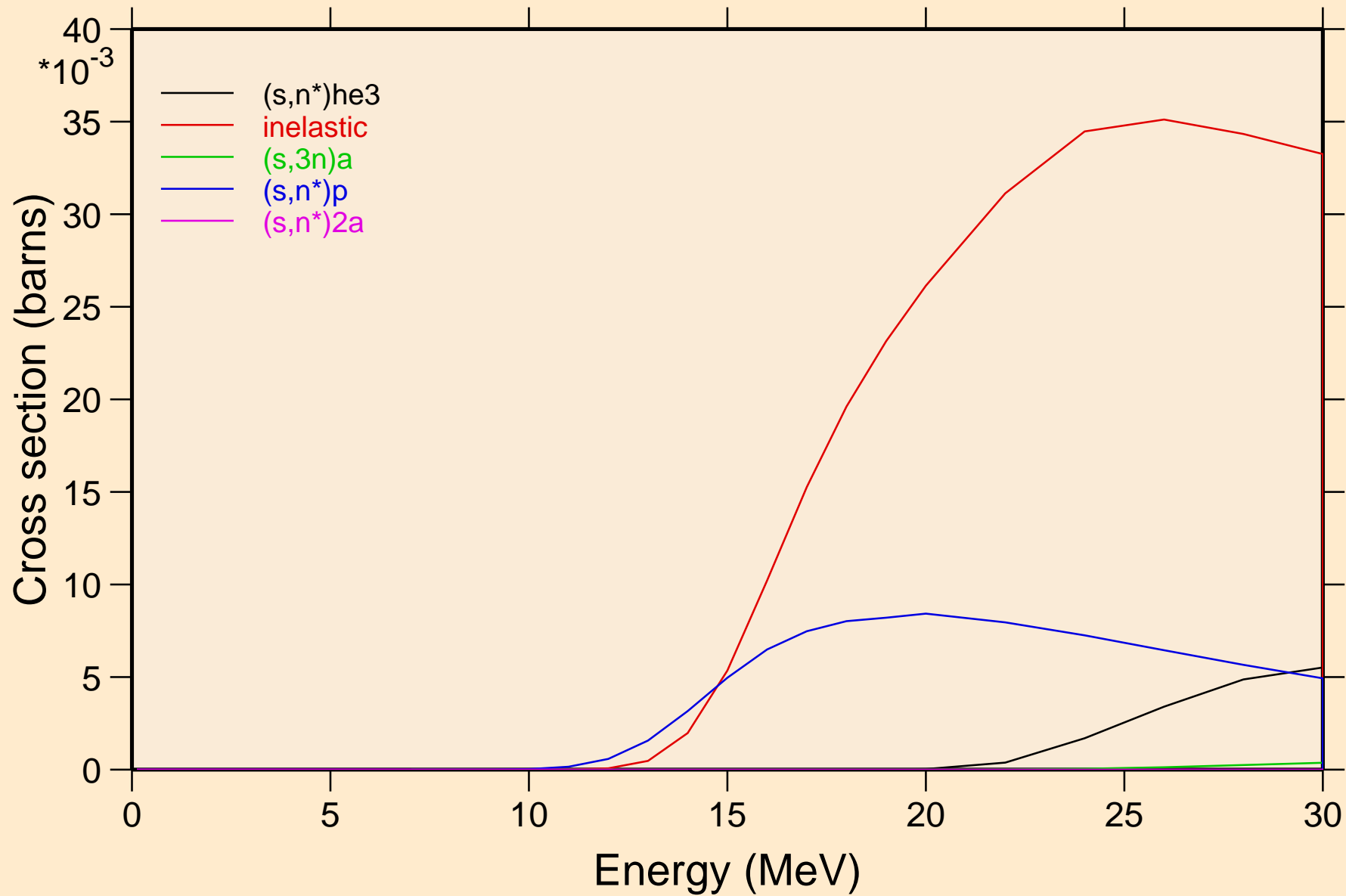
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## Threshold reactions

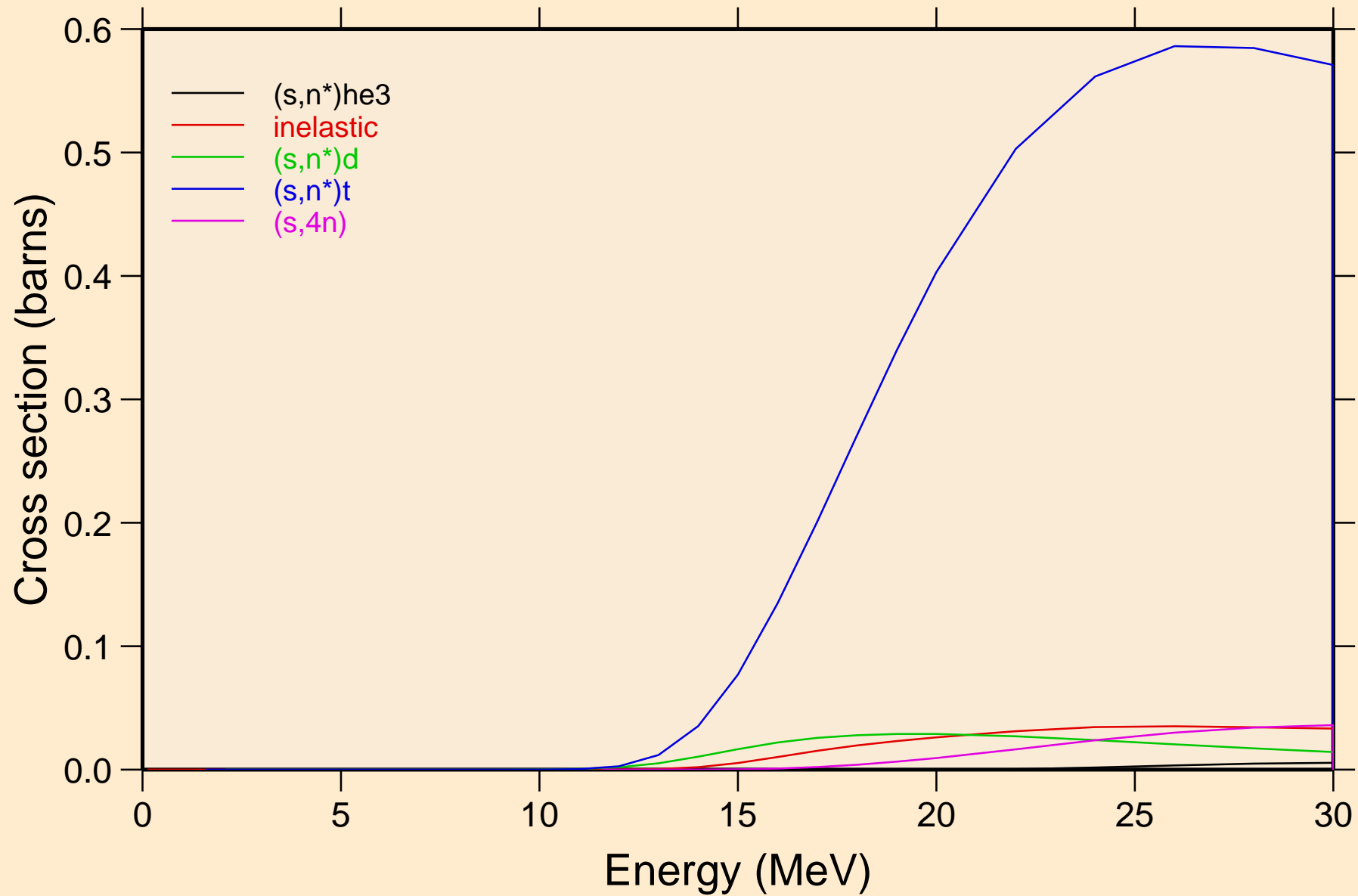


# AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions



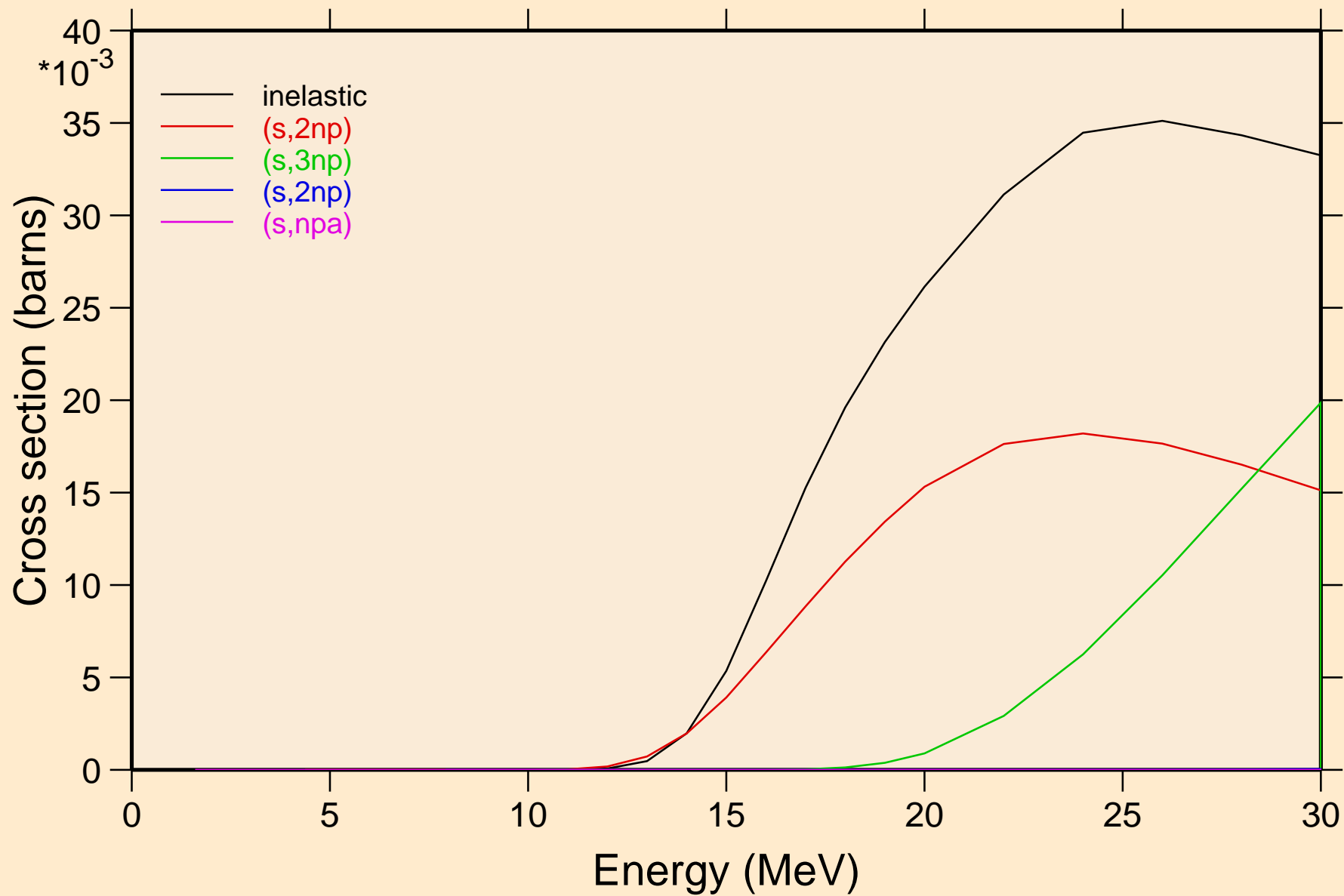
AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions





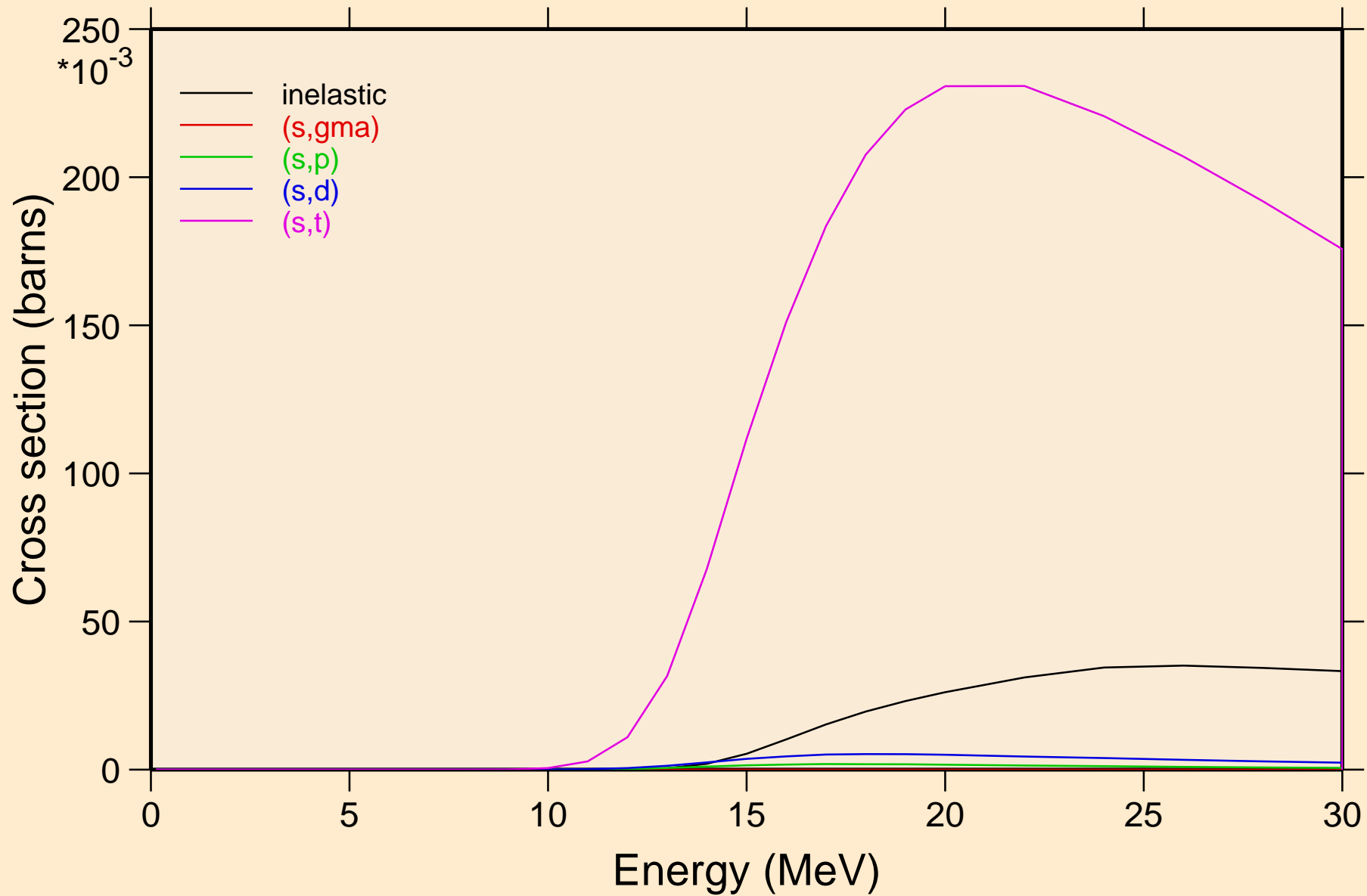
# AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions

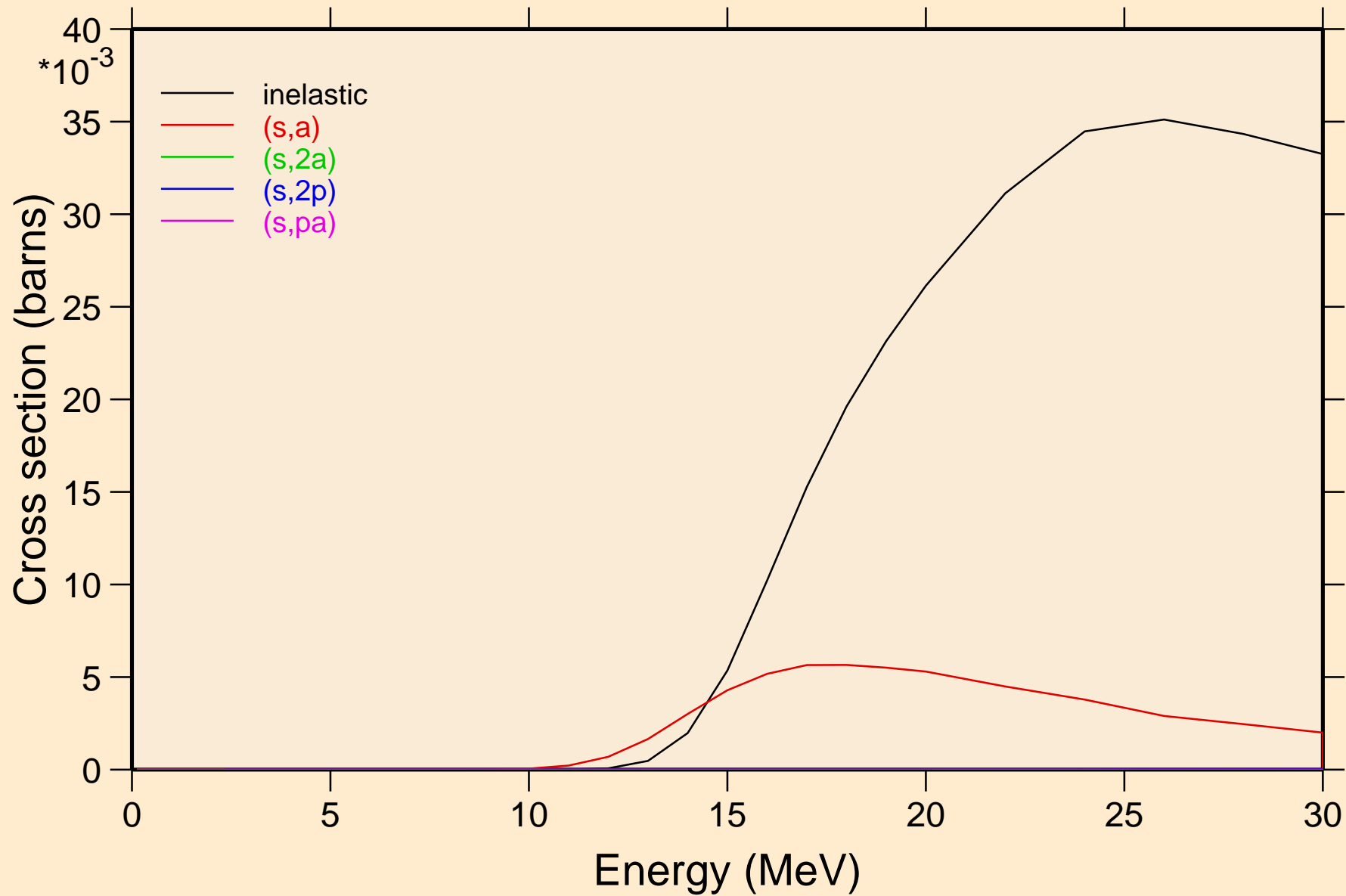


# AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K

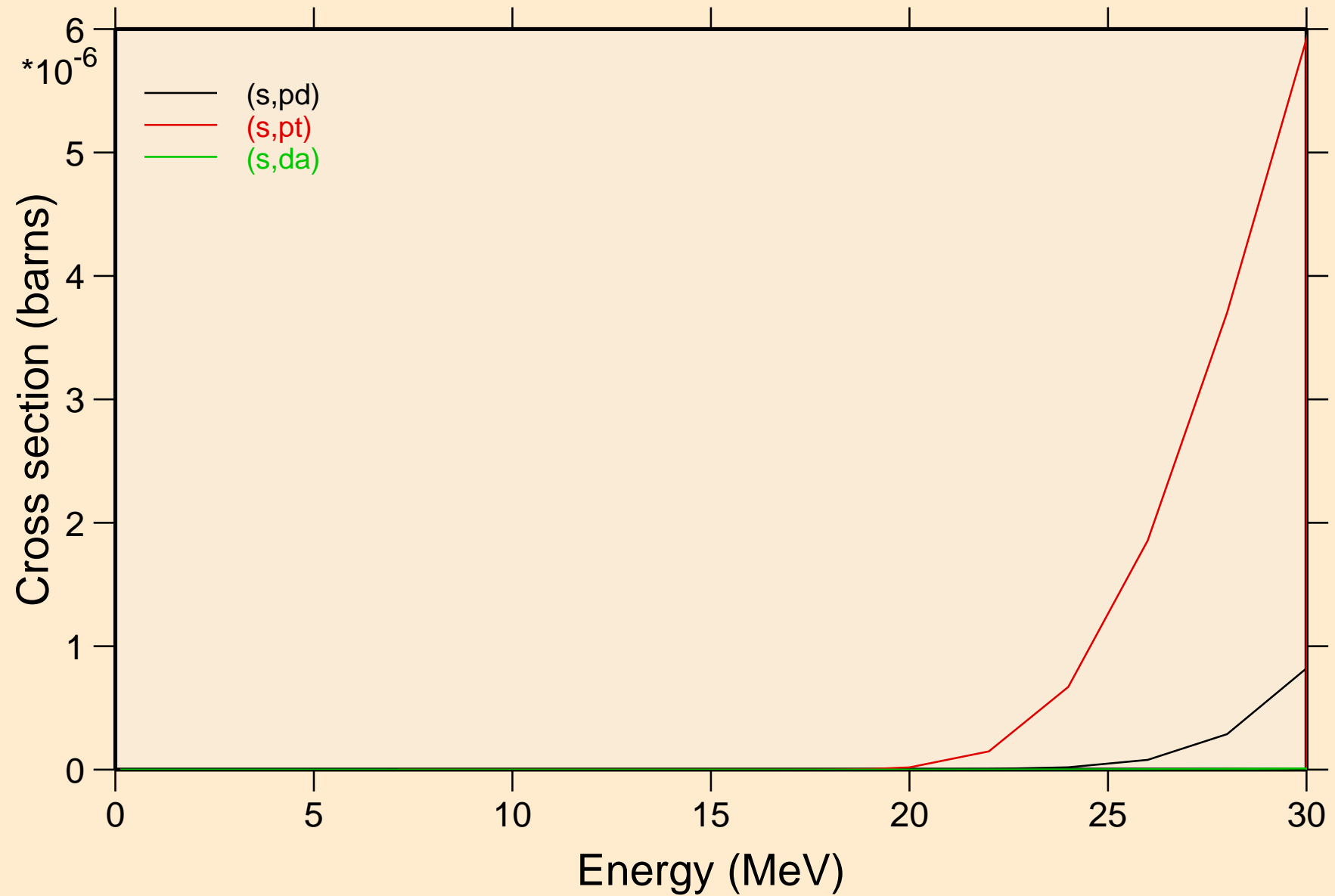
## Threshold reactions



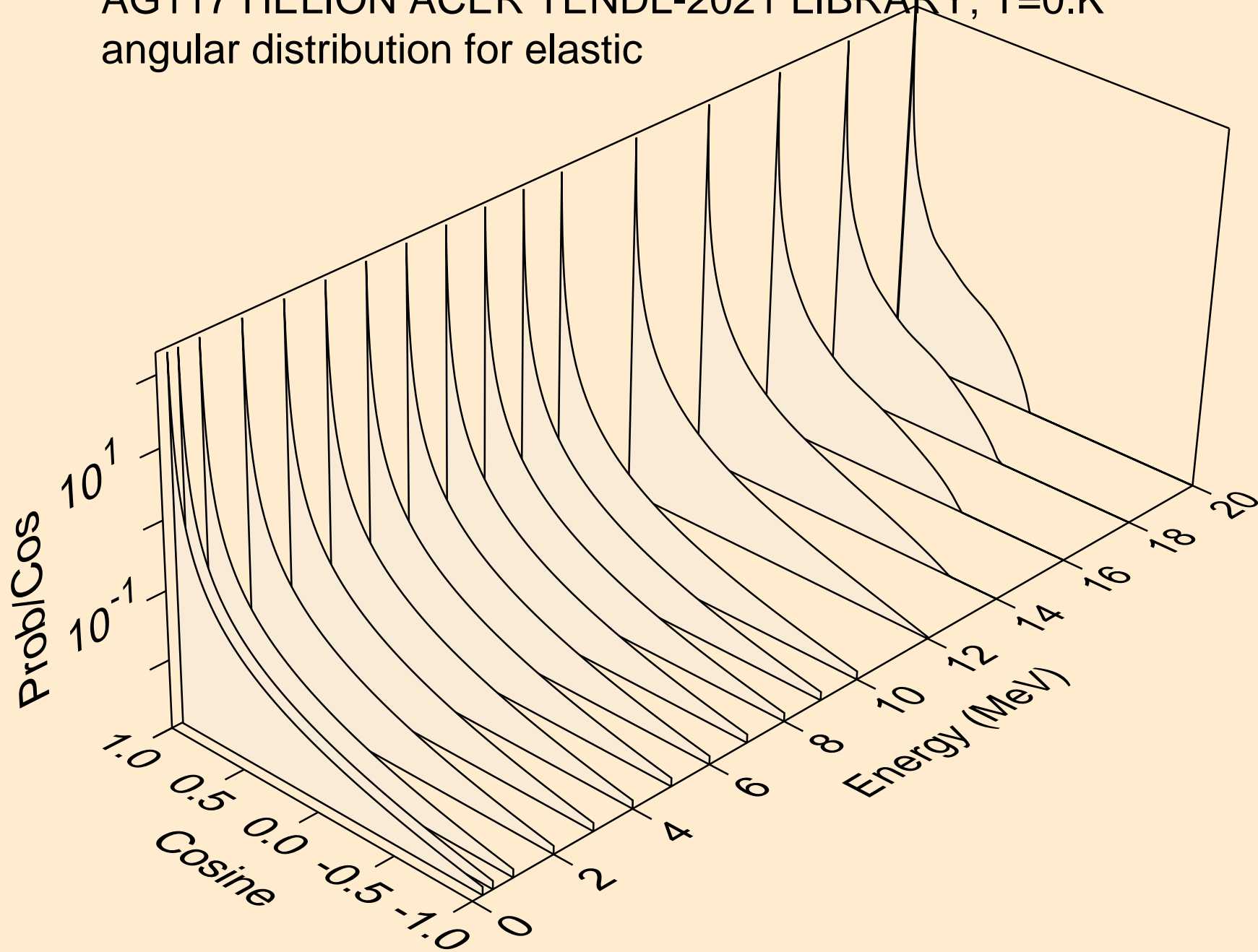
AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



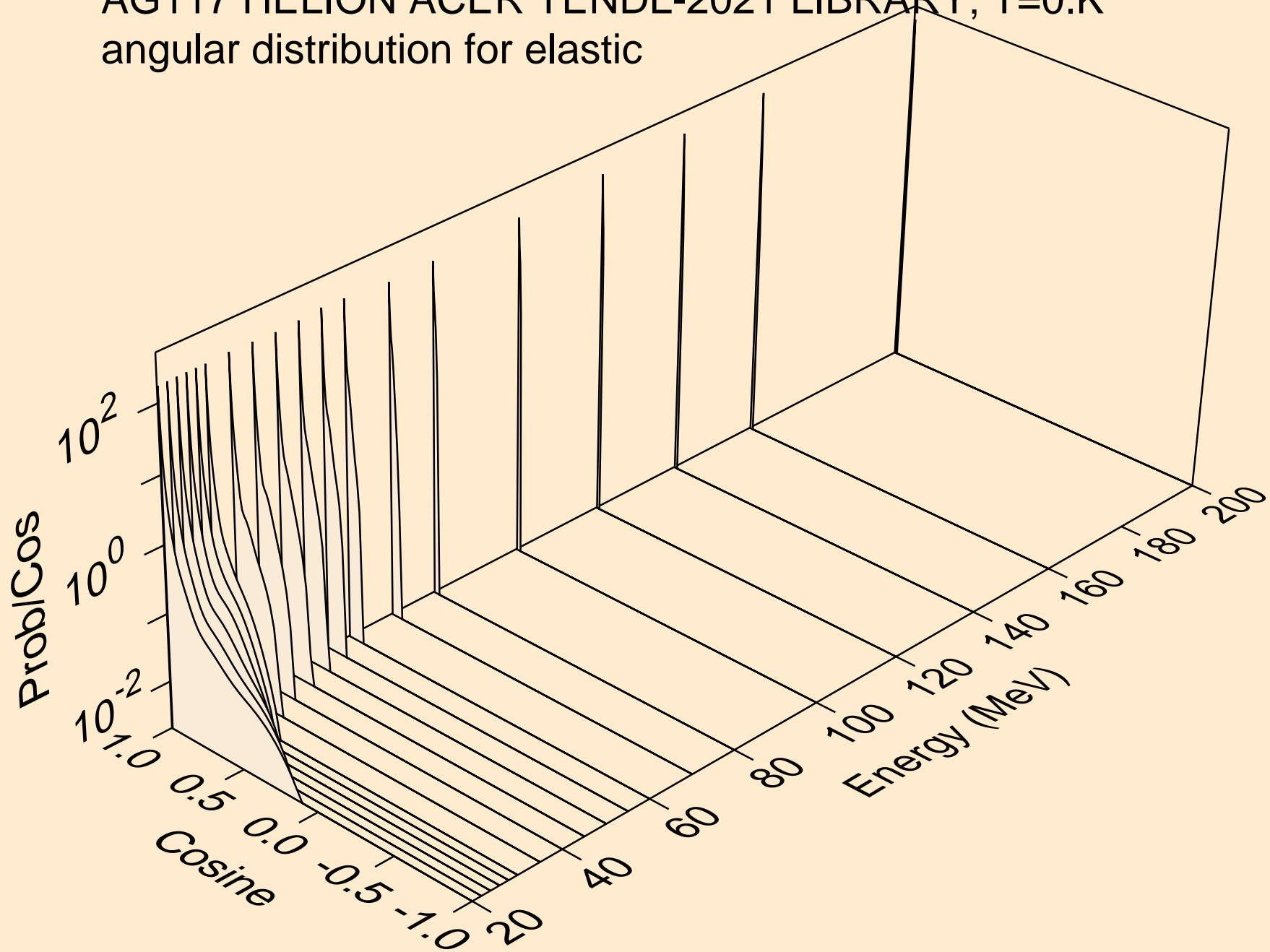
AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



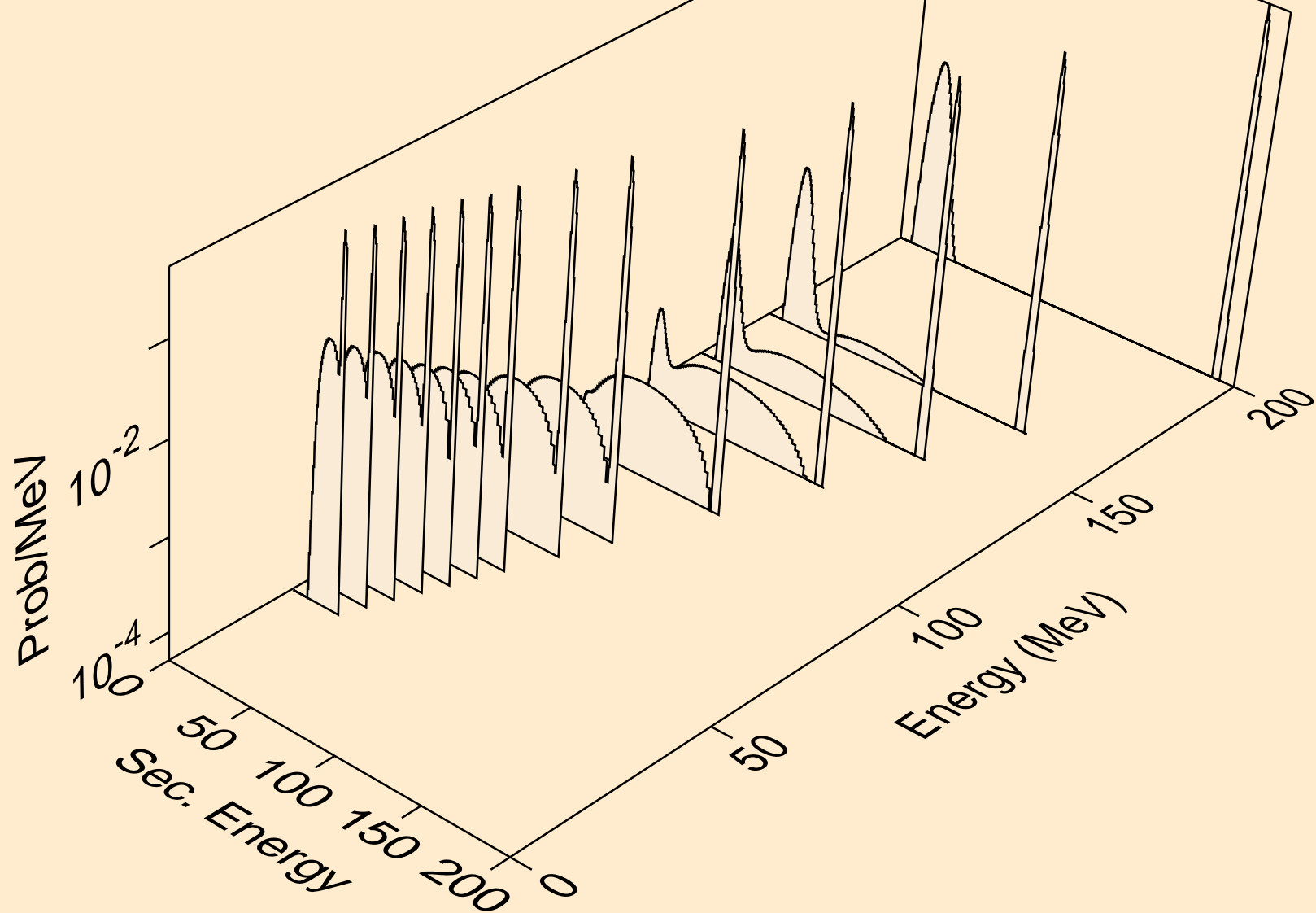
AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



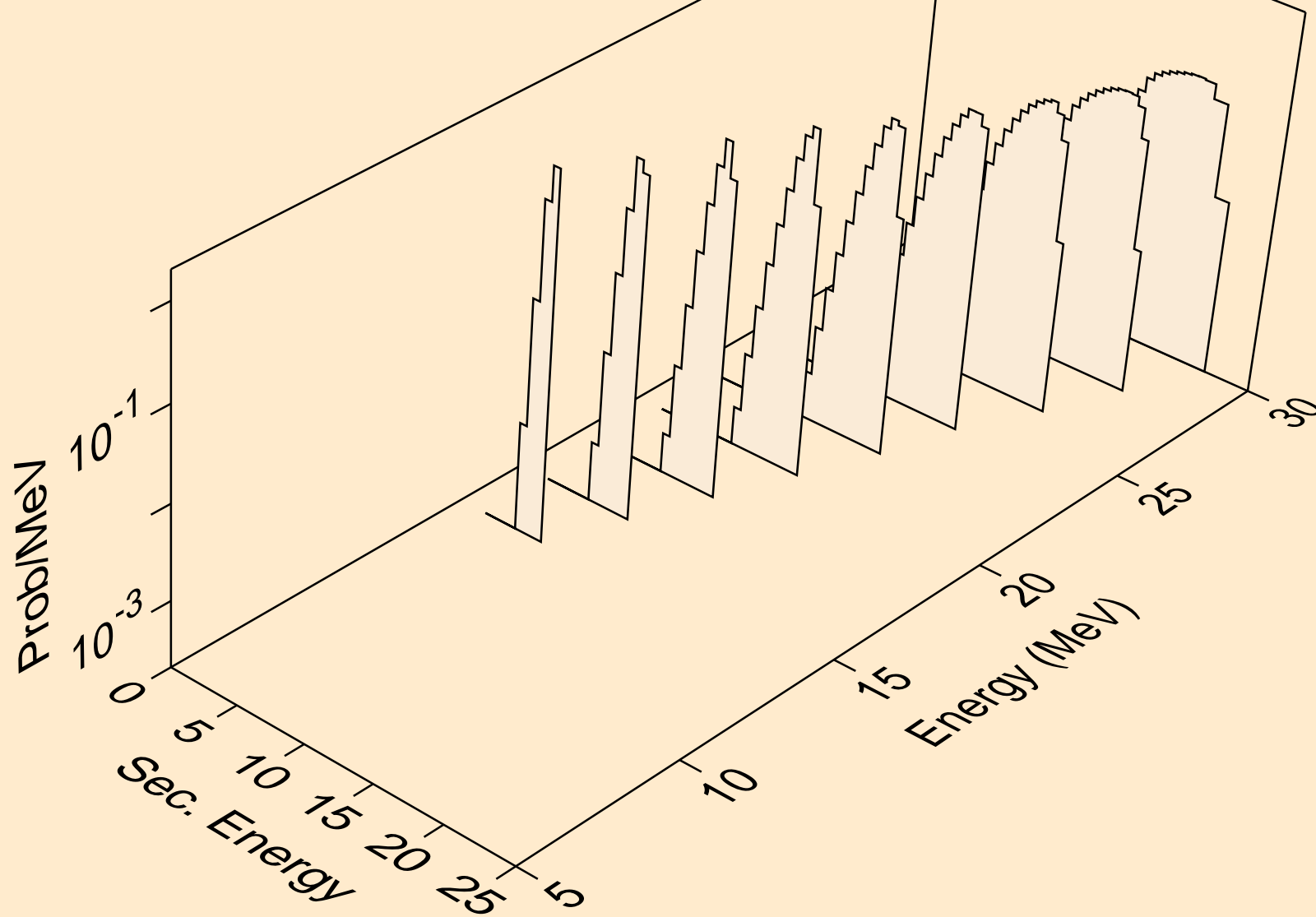
AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,x)

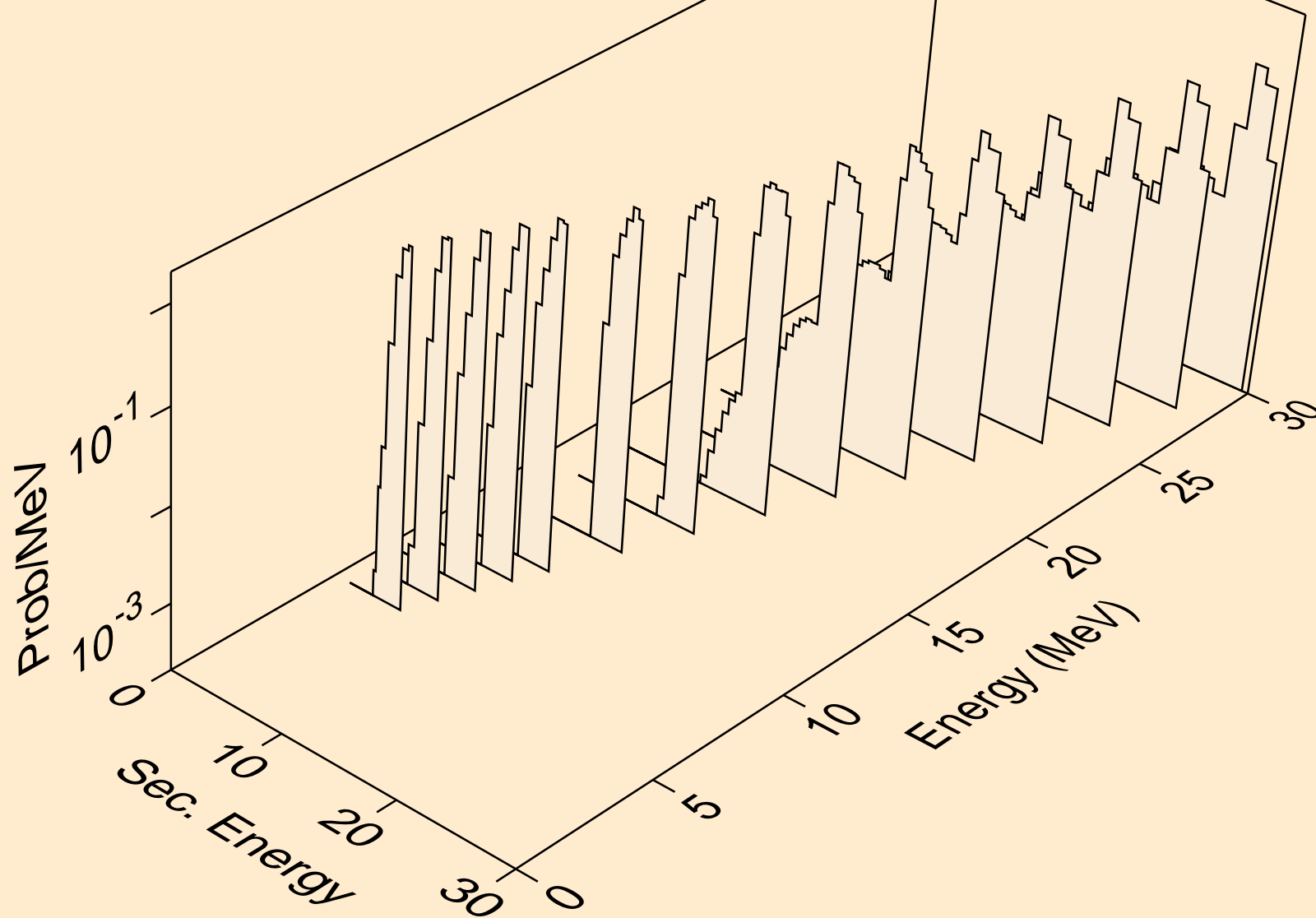


AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

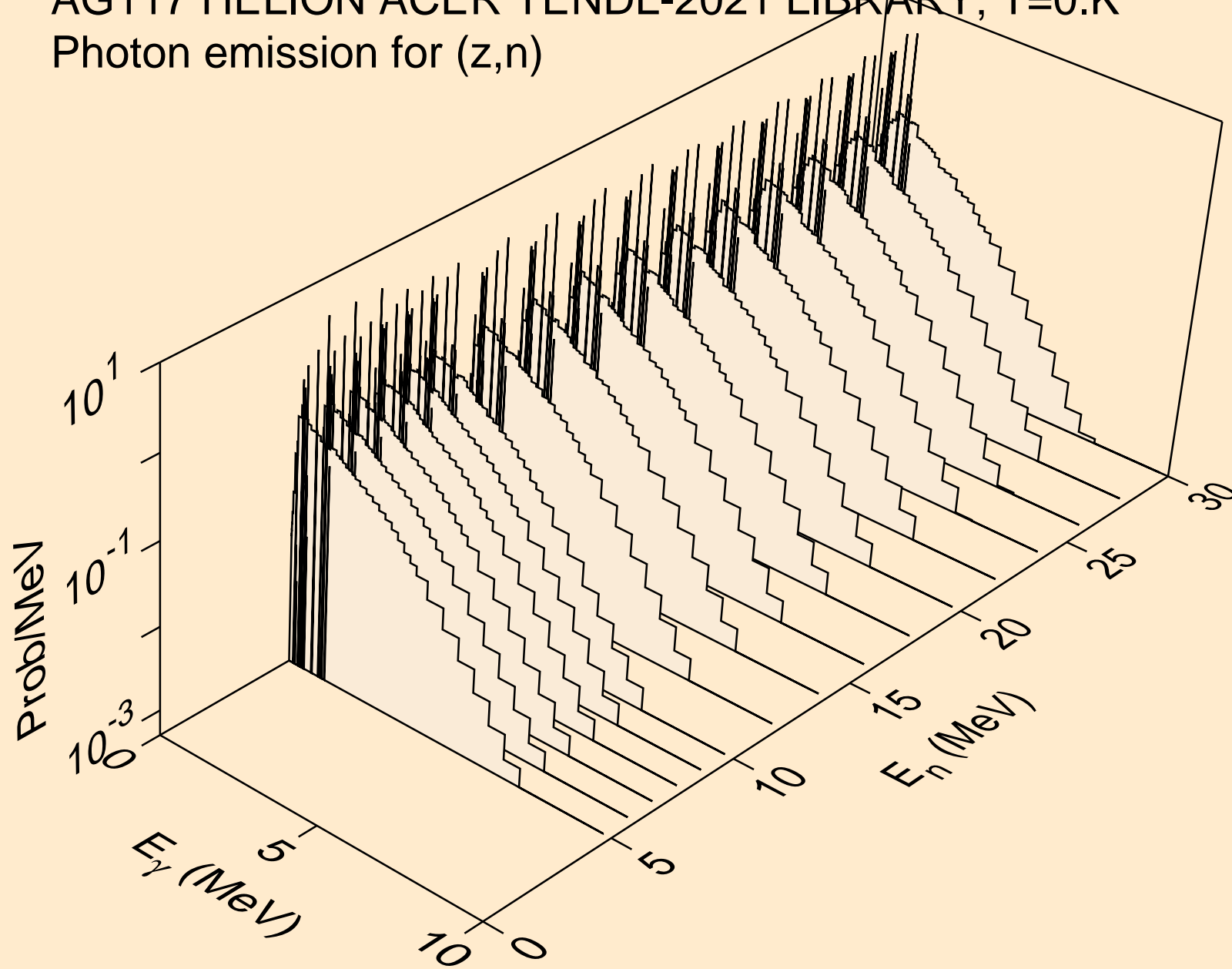




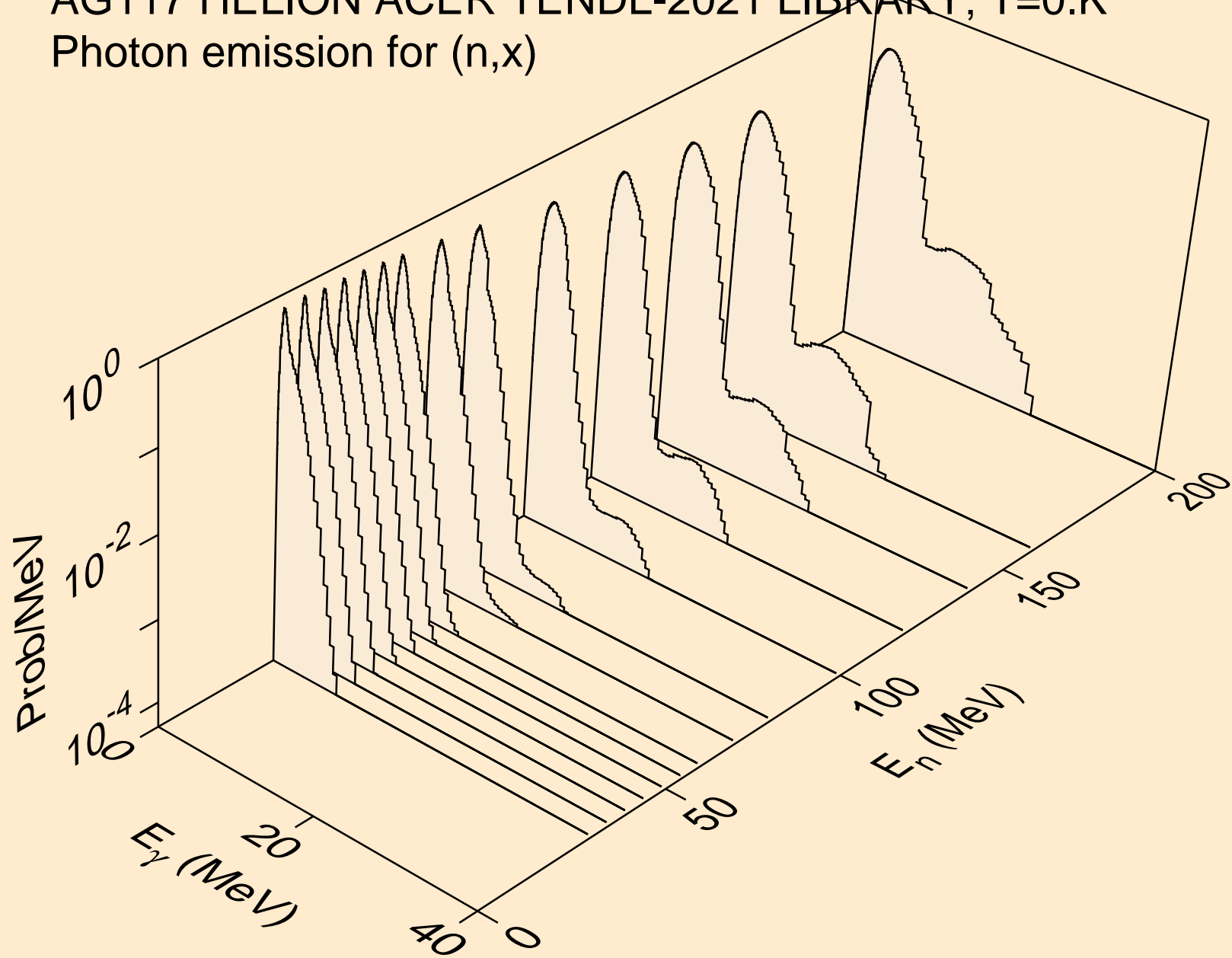
AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for inelastic



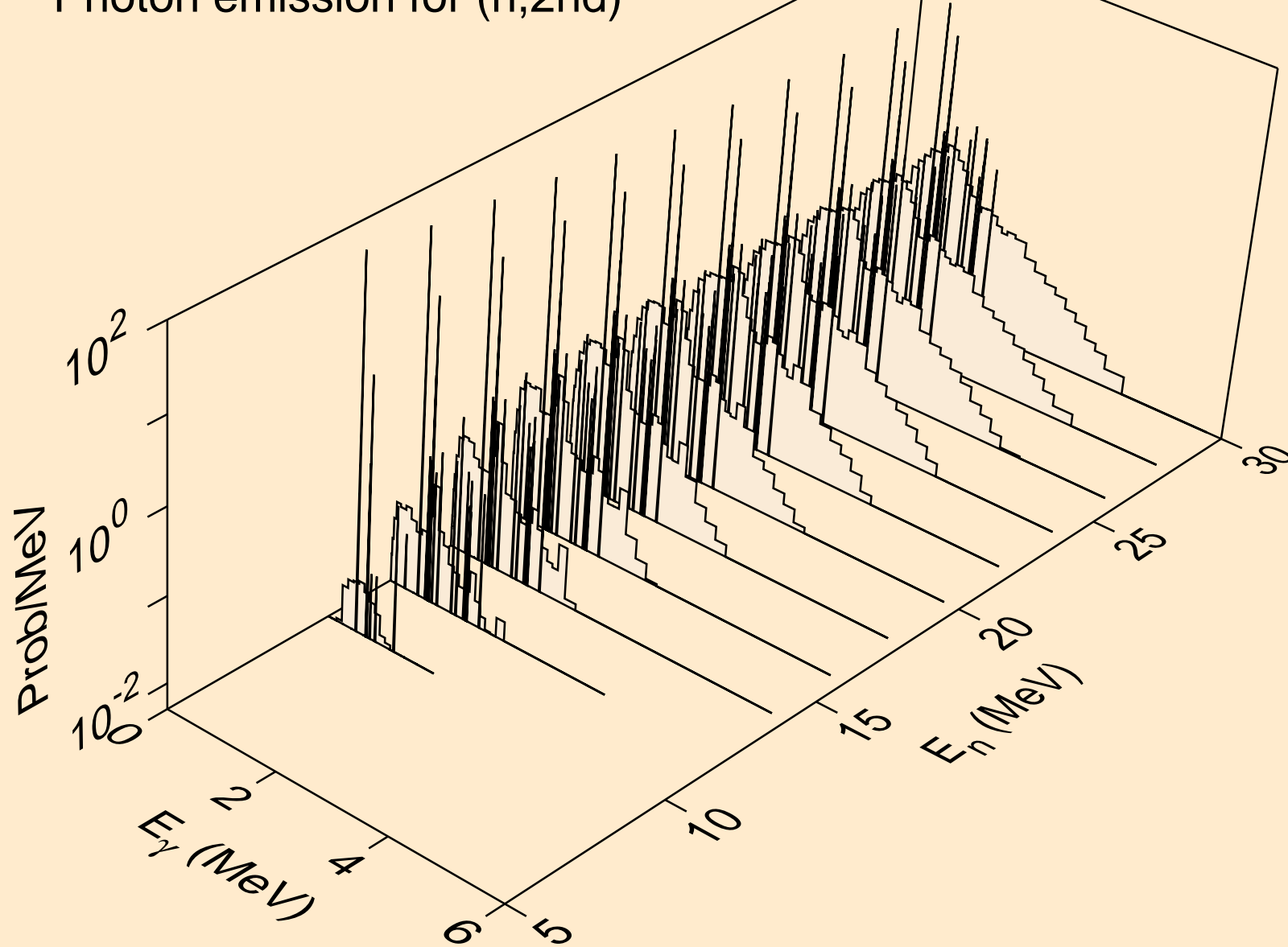
AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



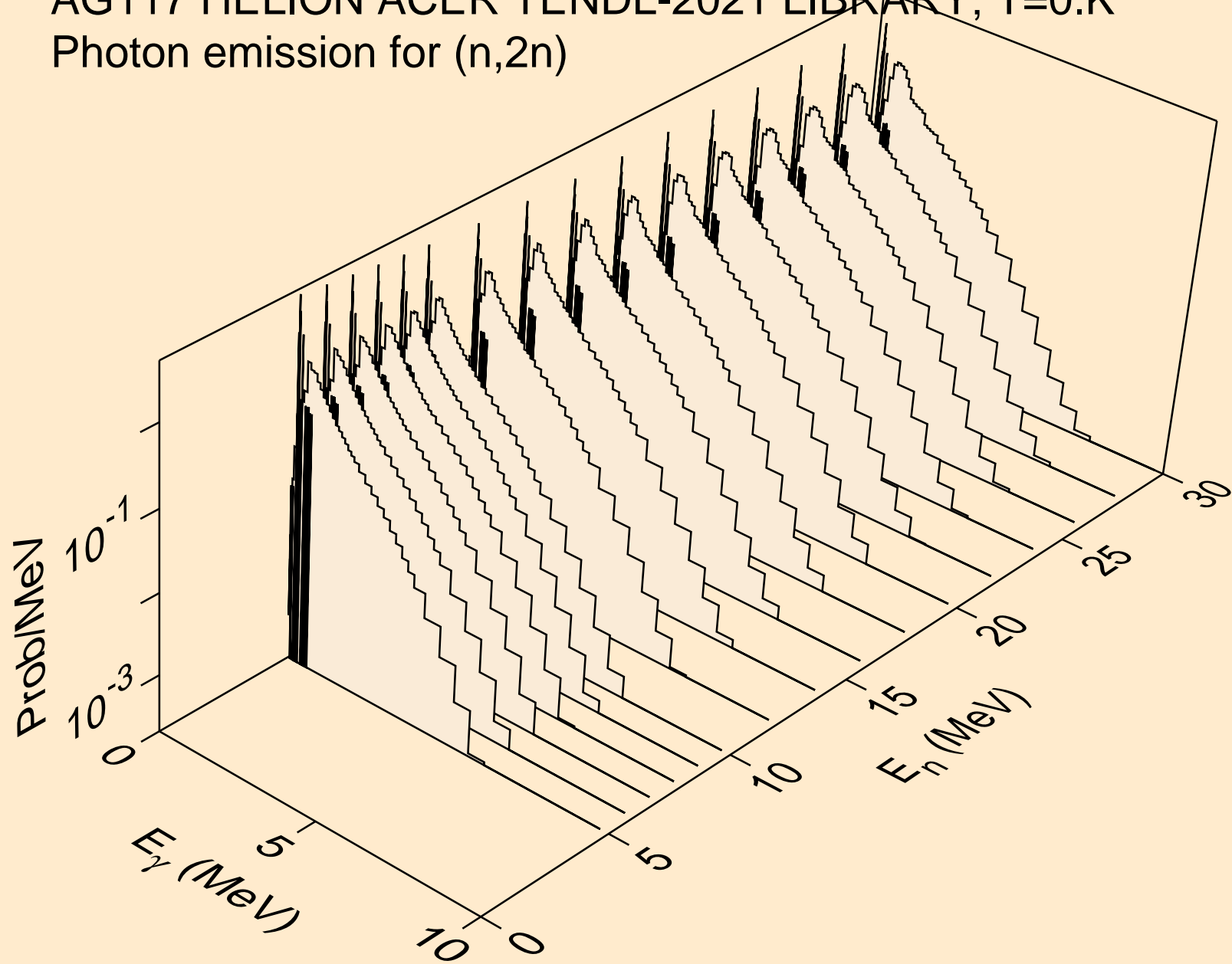
AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



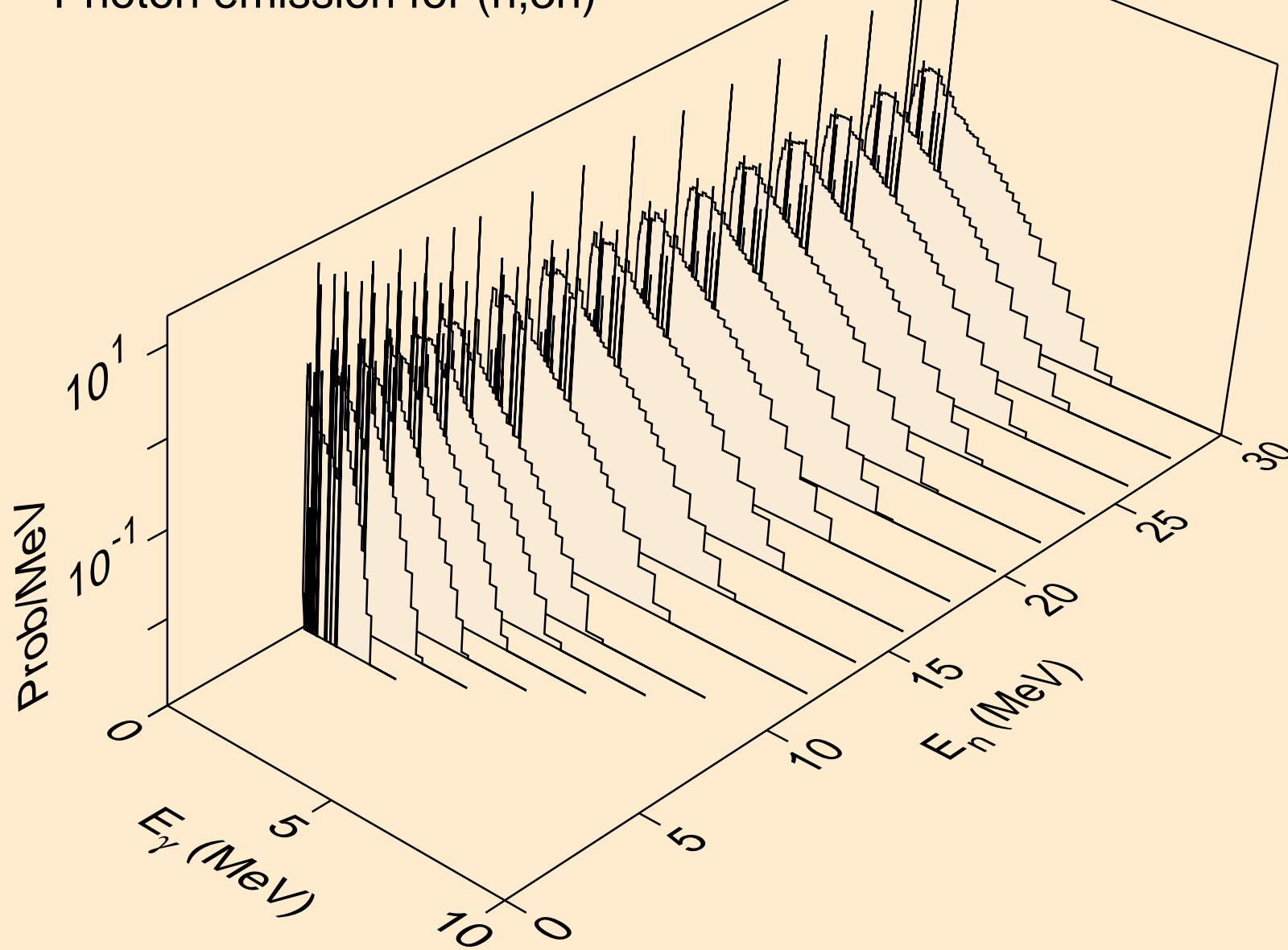
AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)



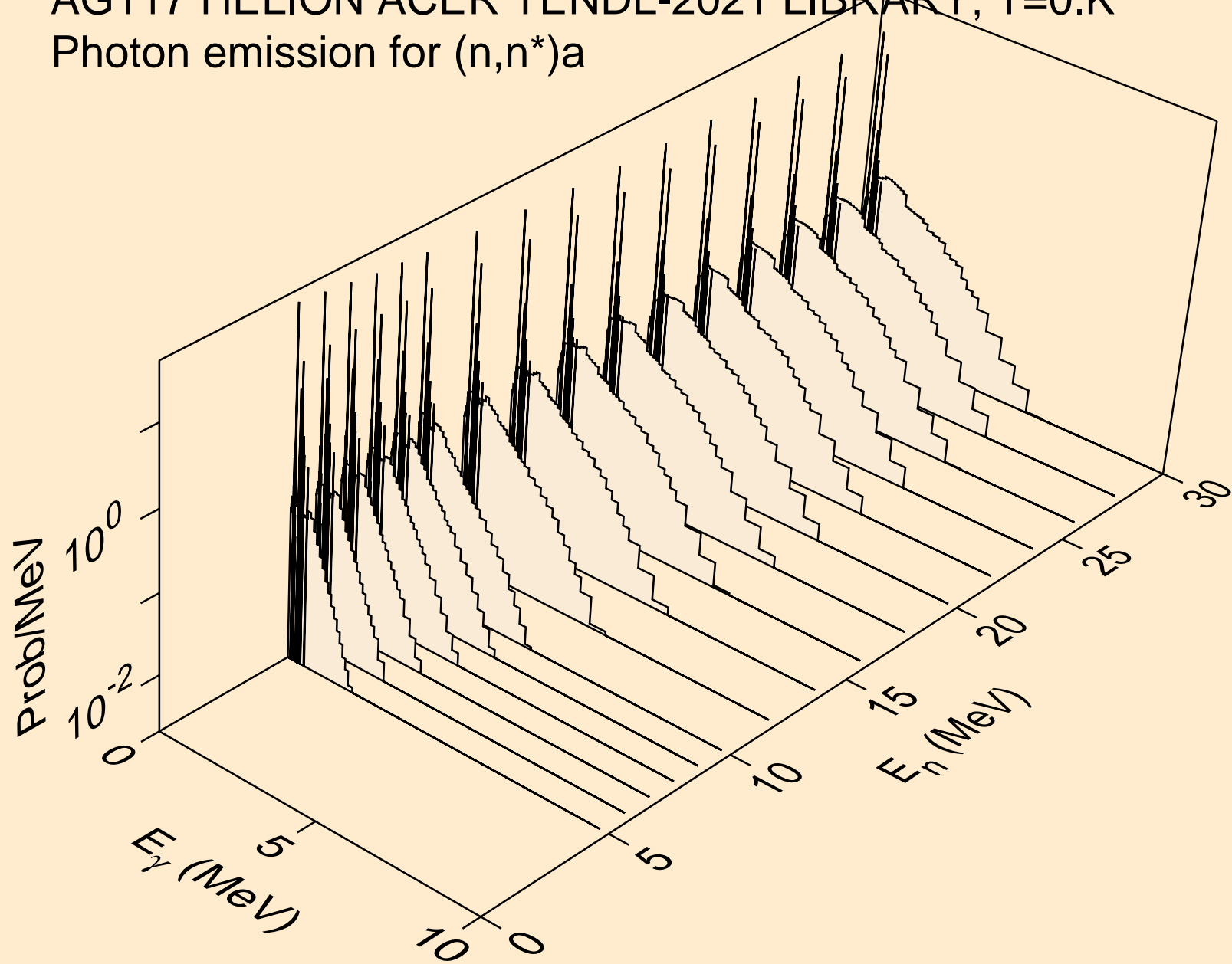
AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



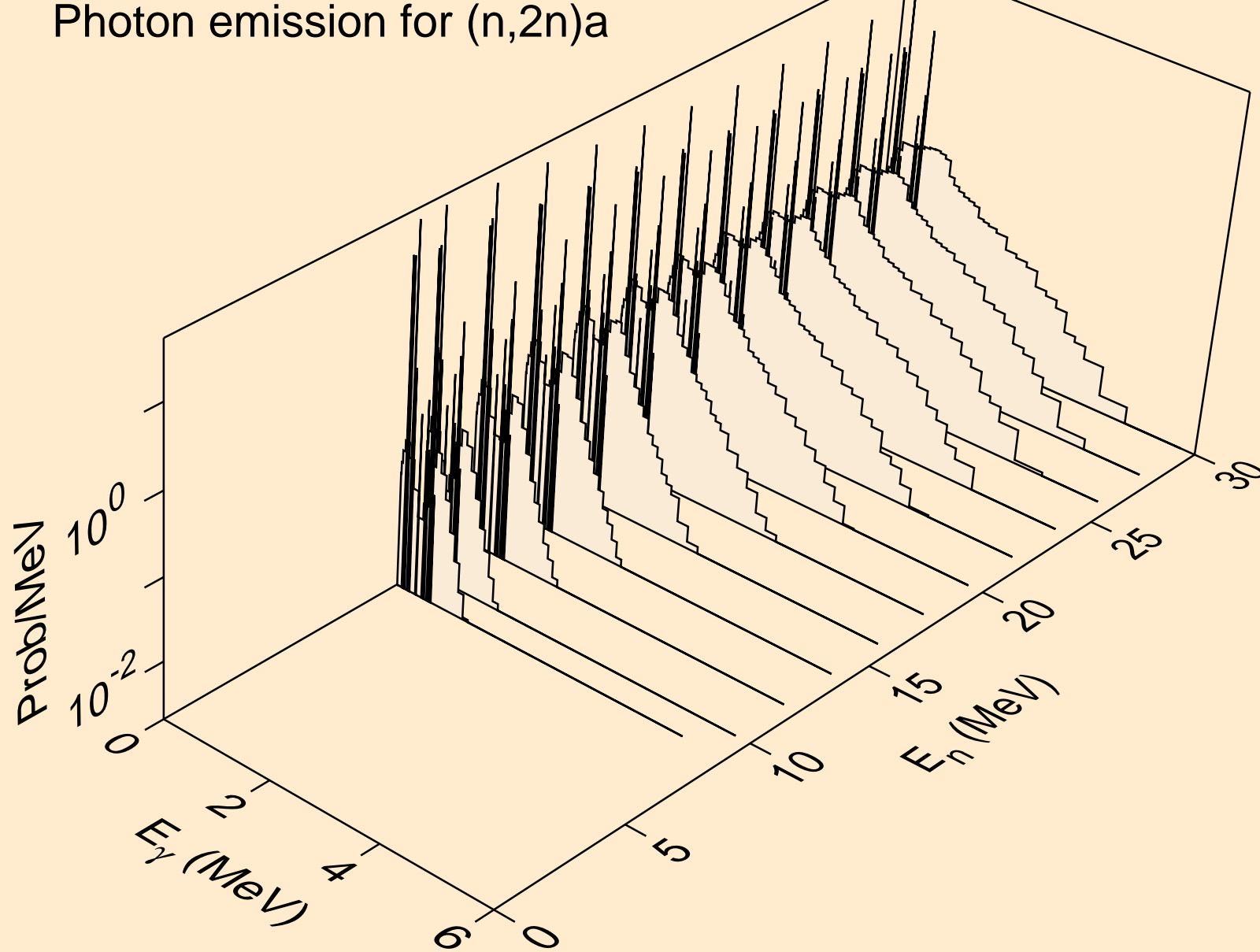
AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

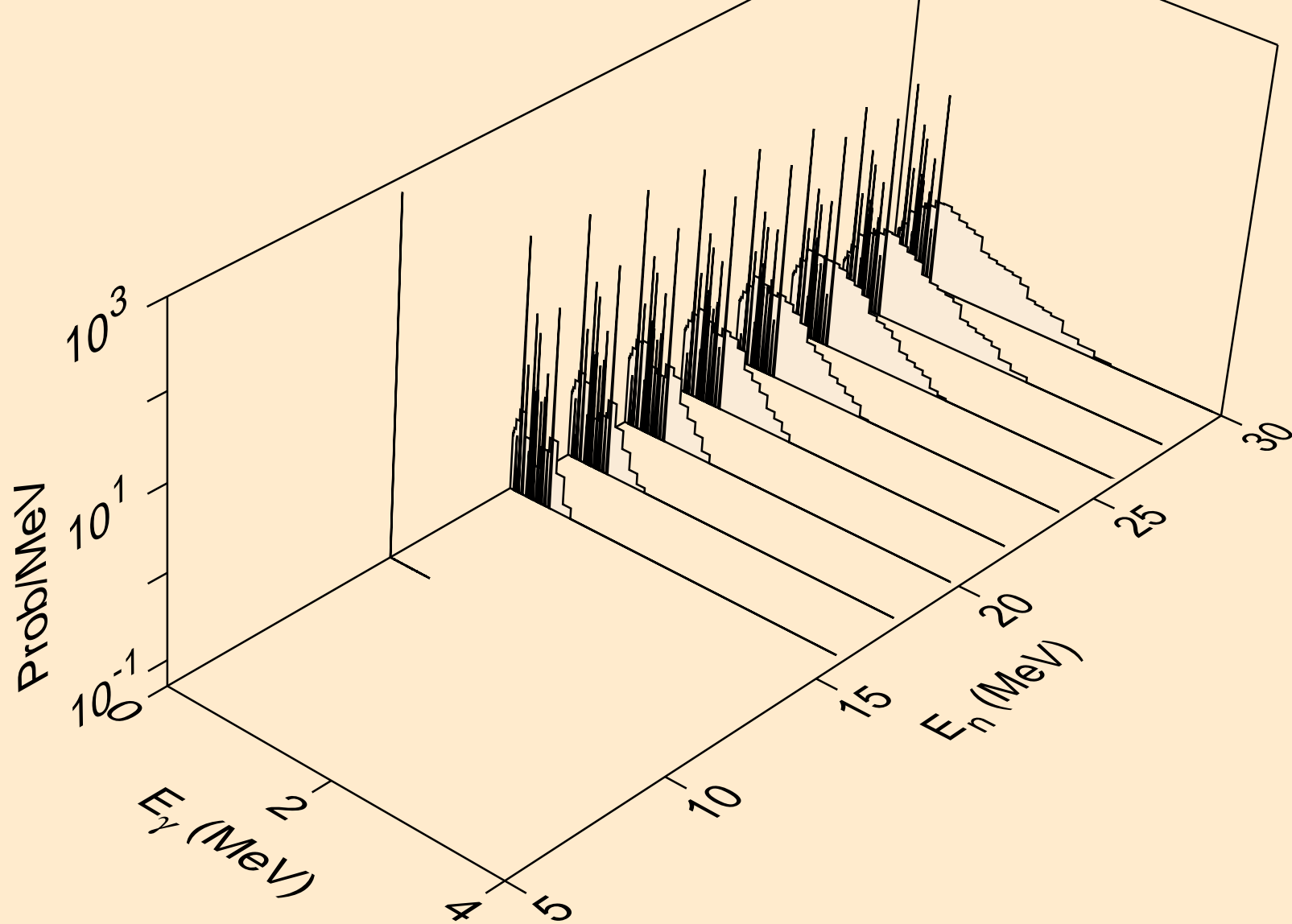


AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a

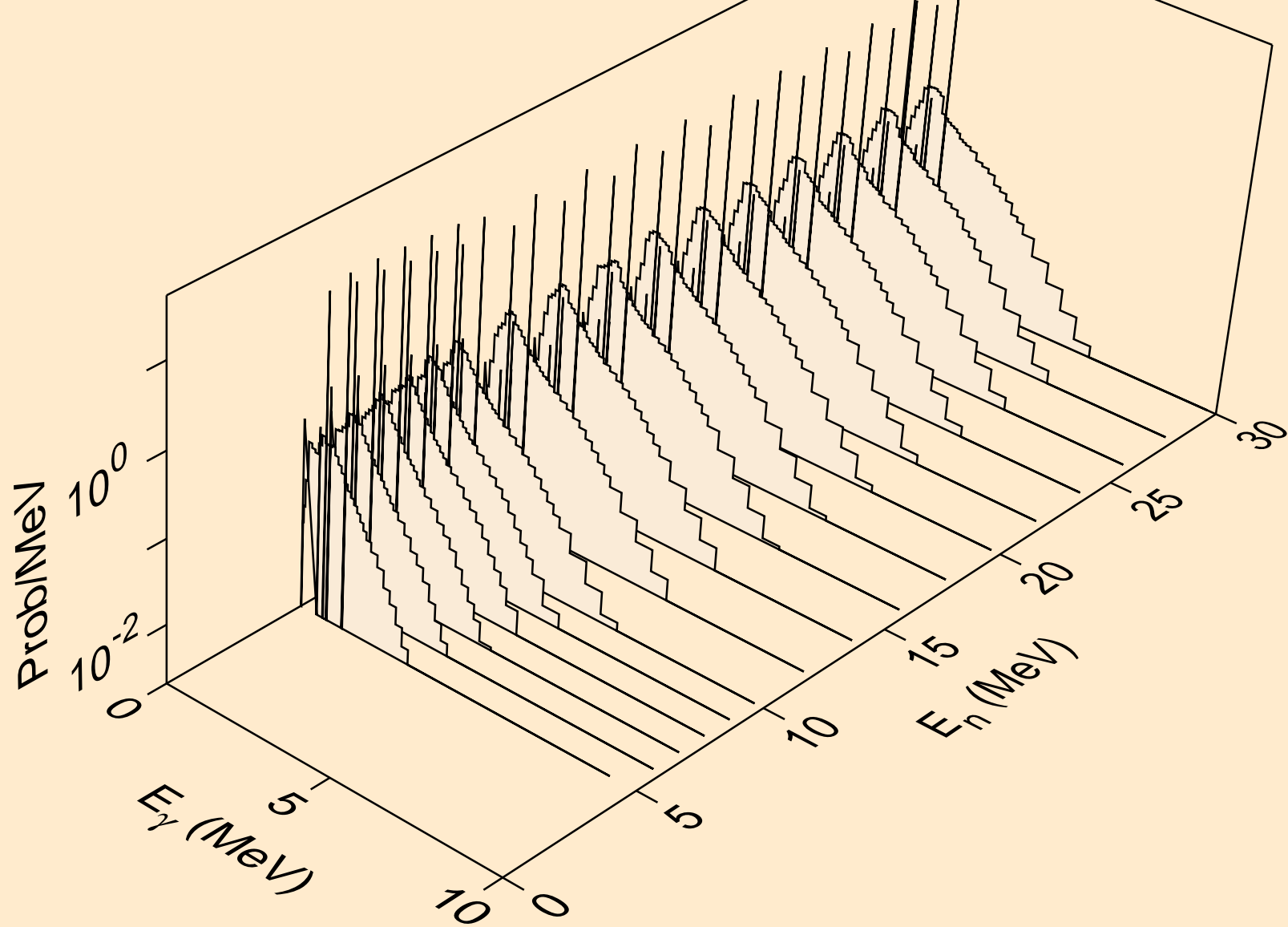




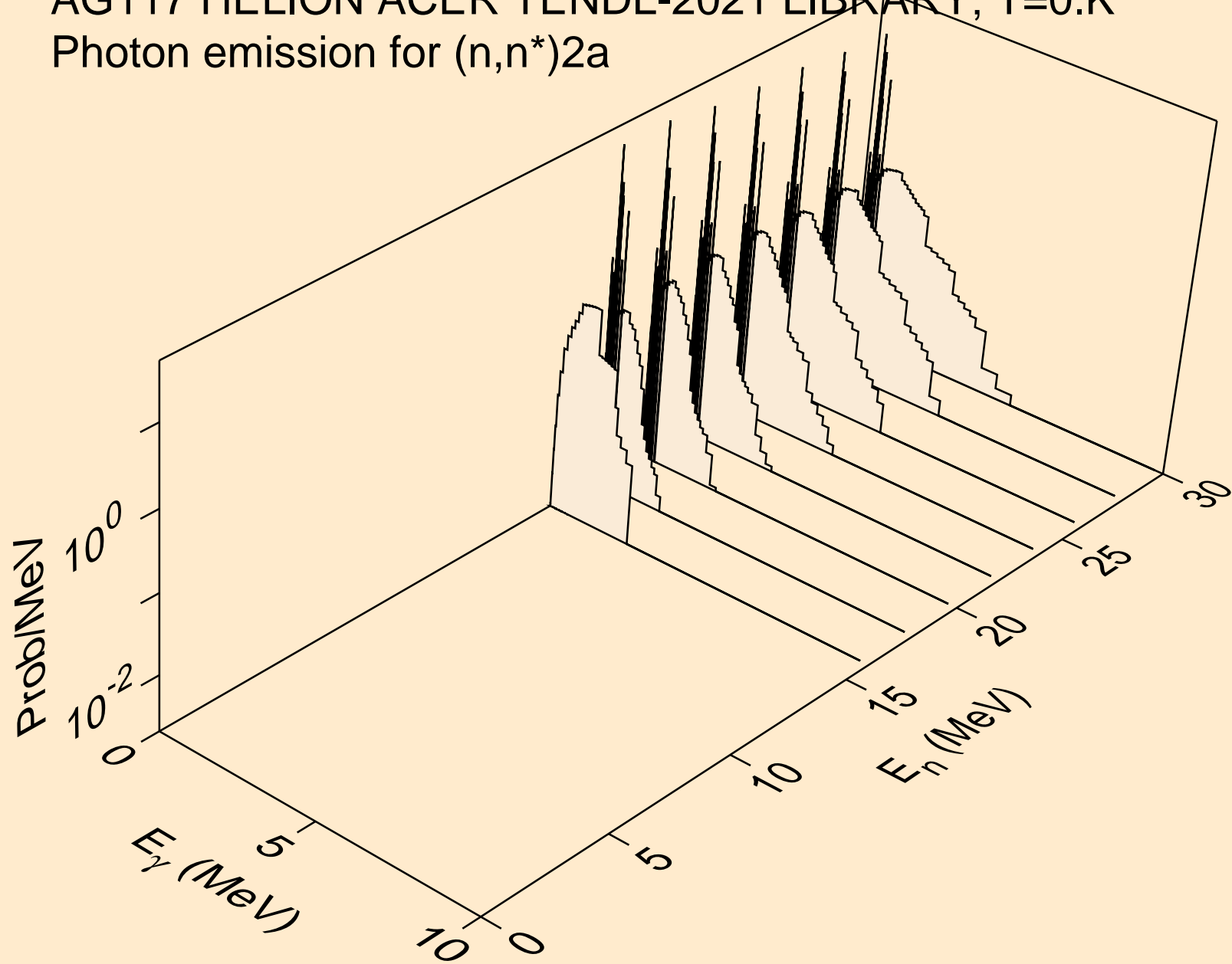
AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)a



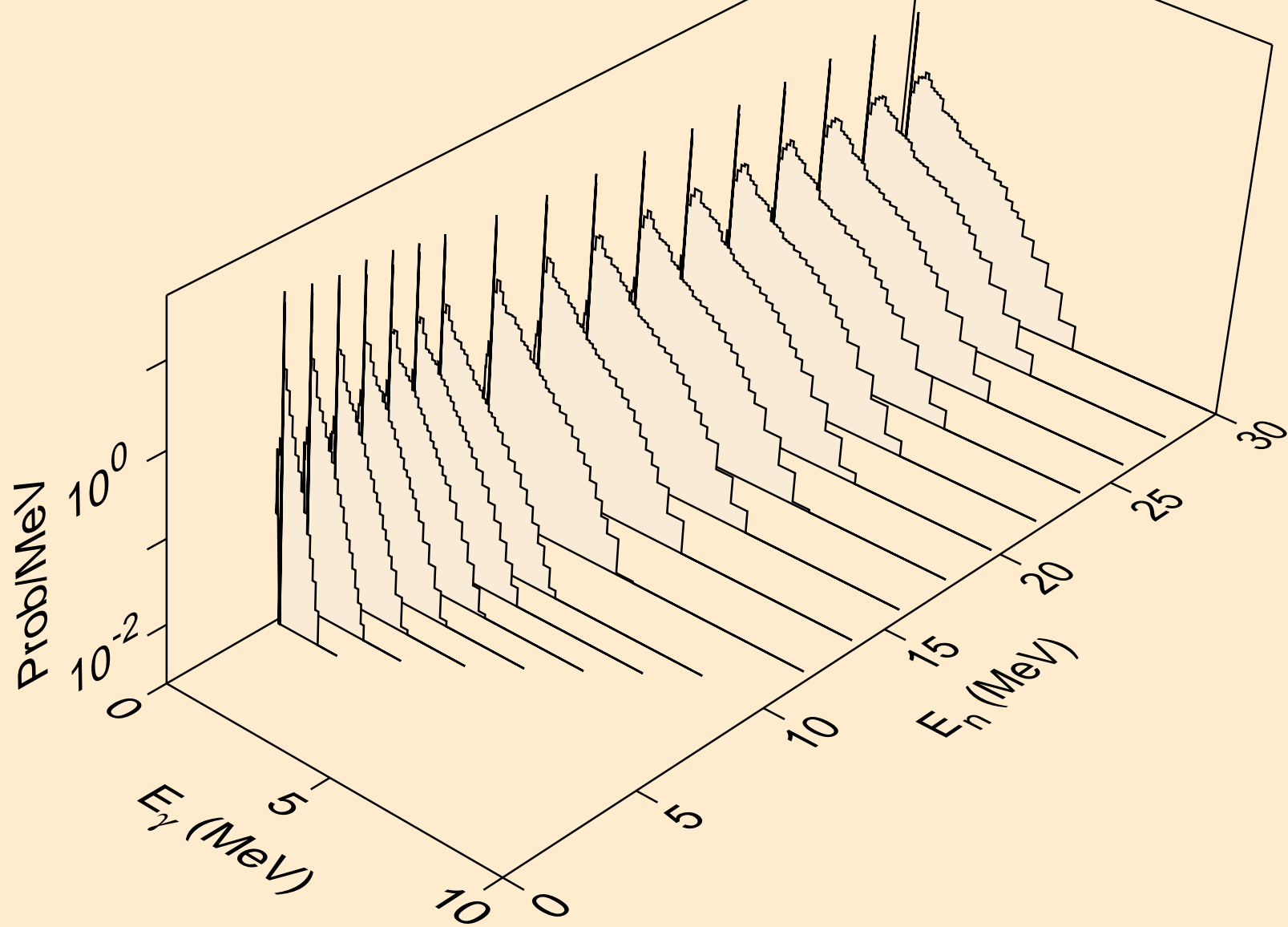
AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



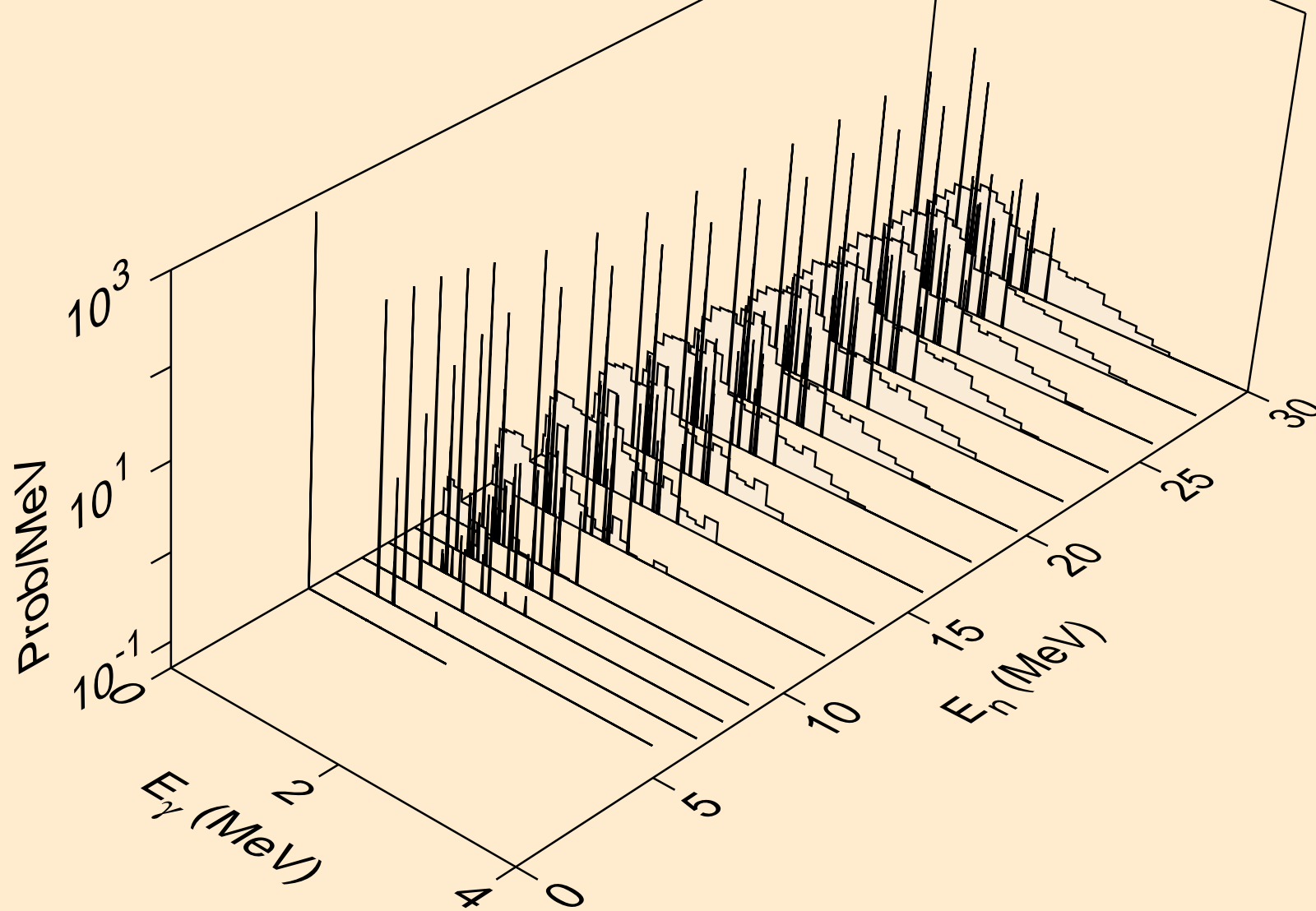
AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



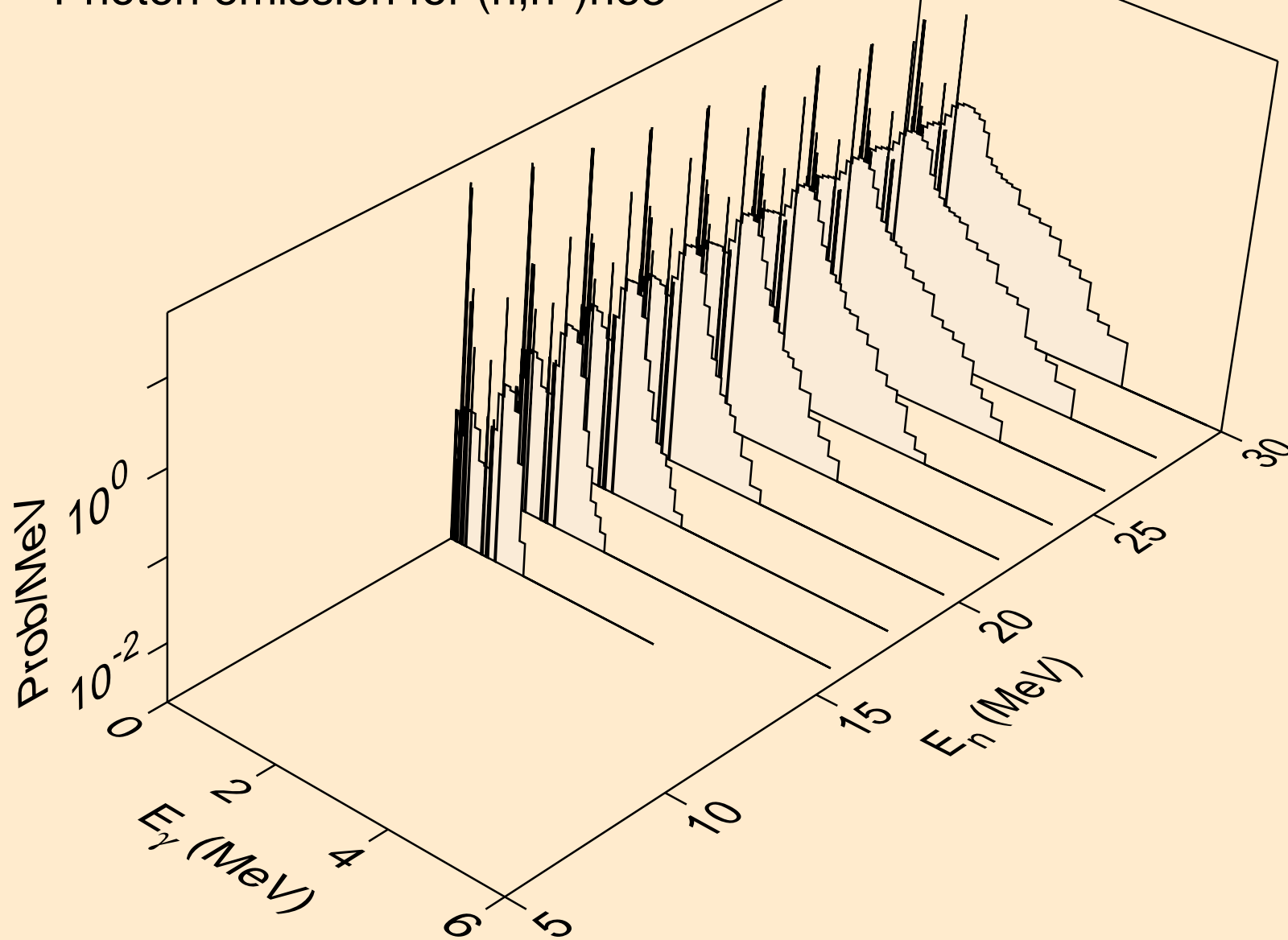
AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



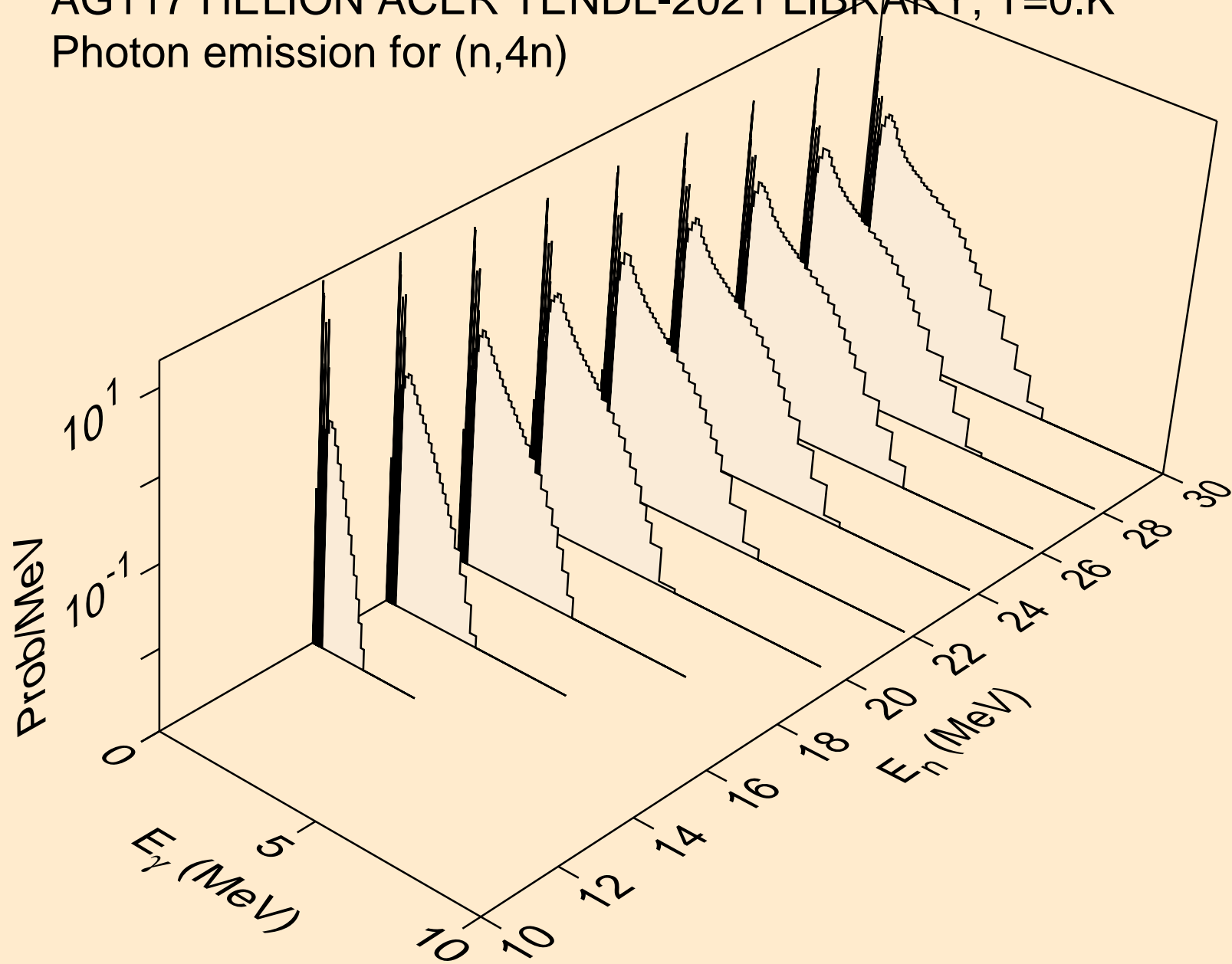
AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



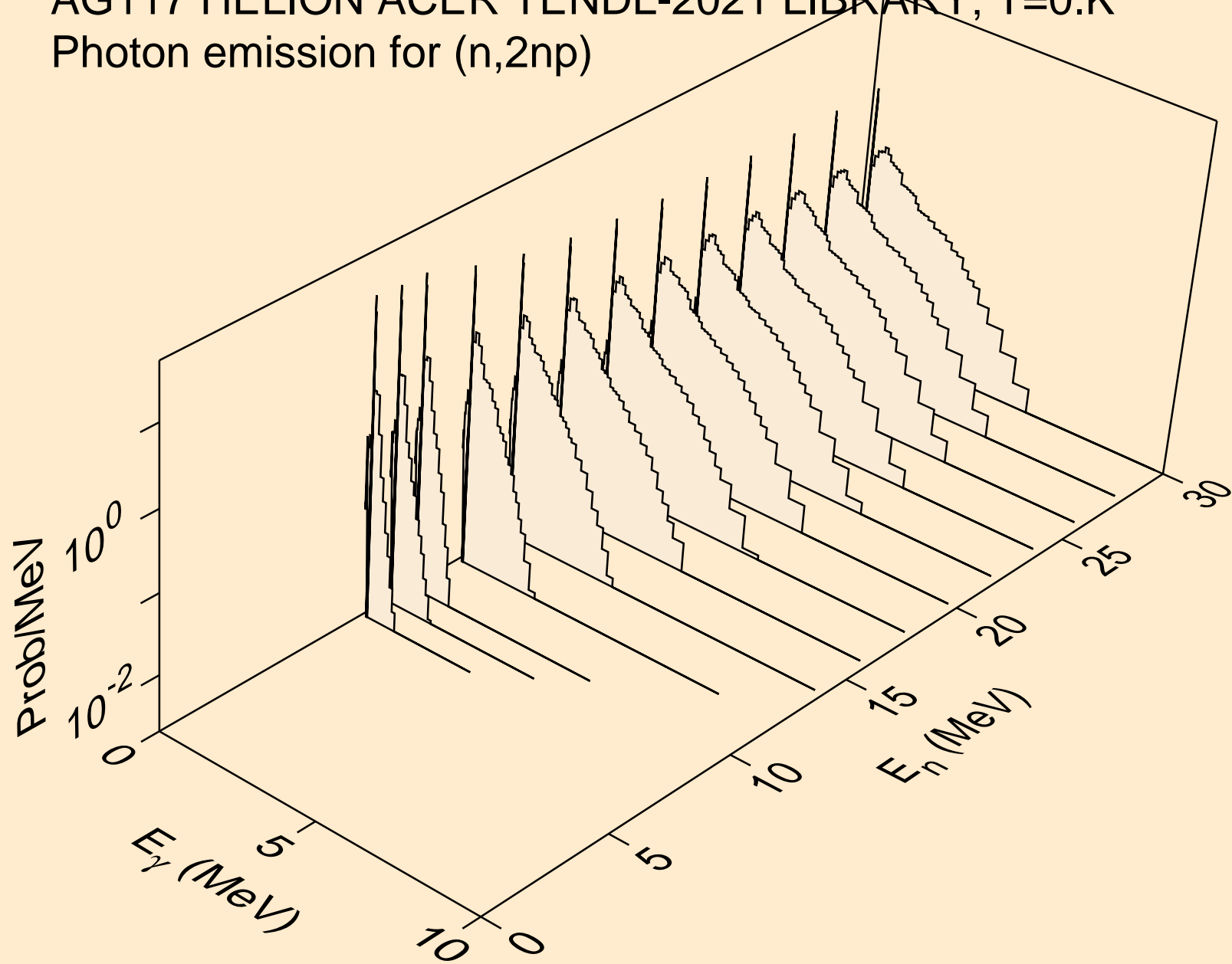
AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,4n)

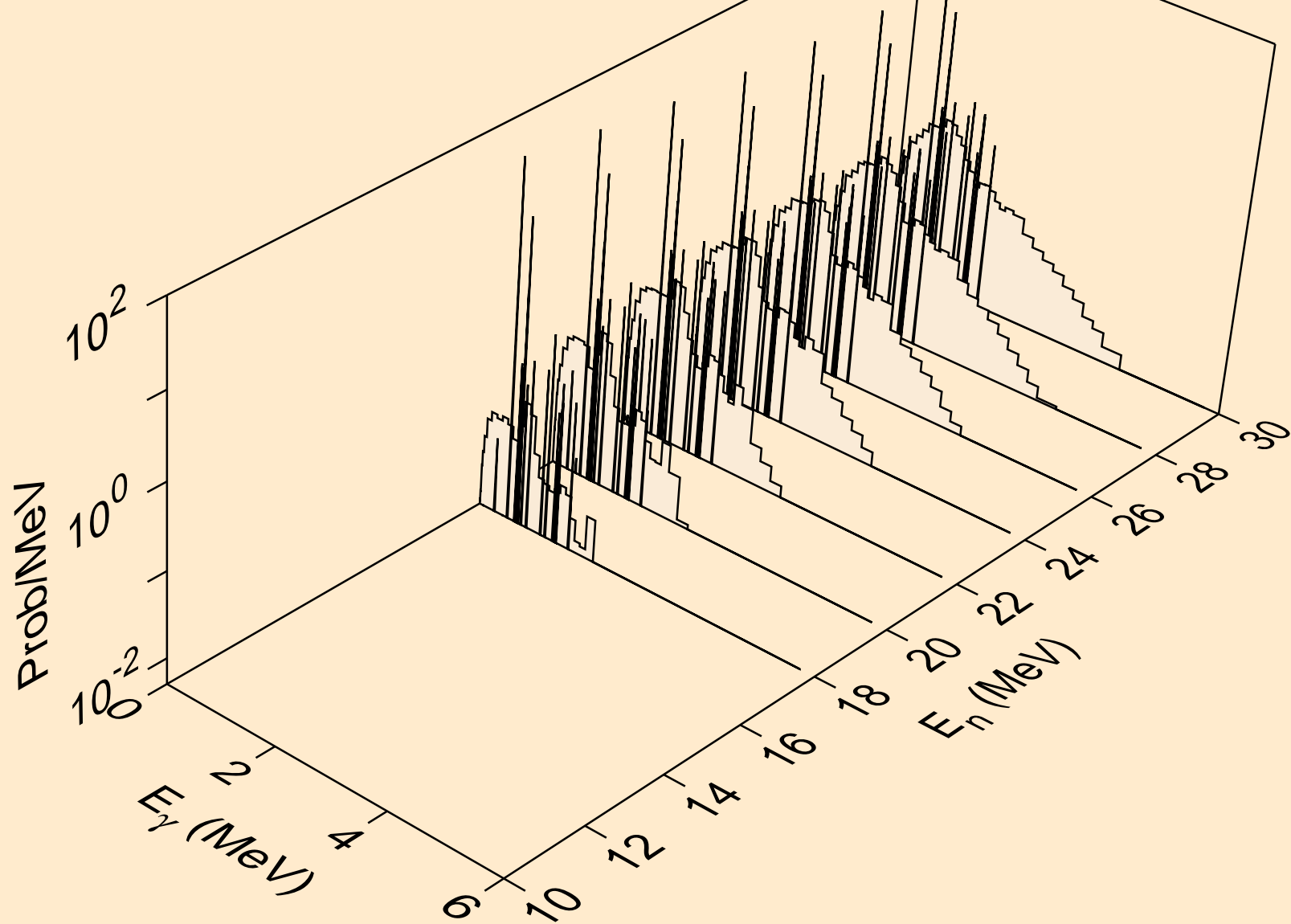


AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)

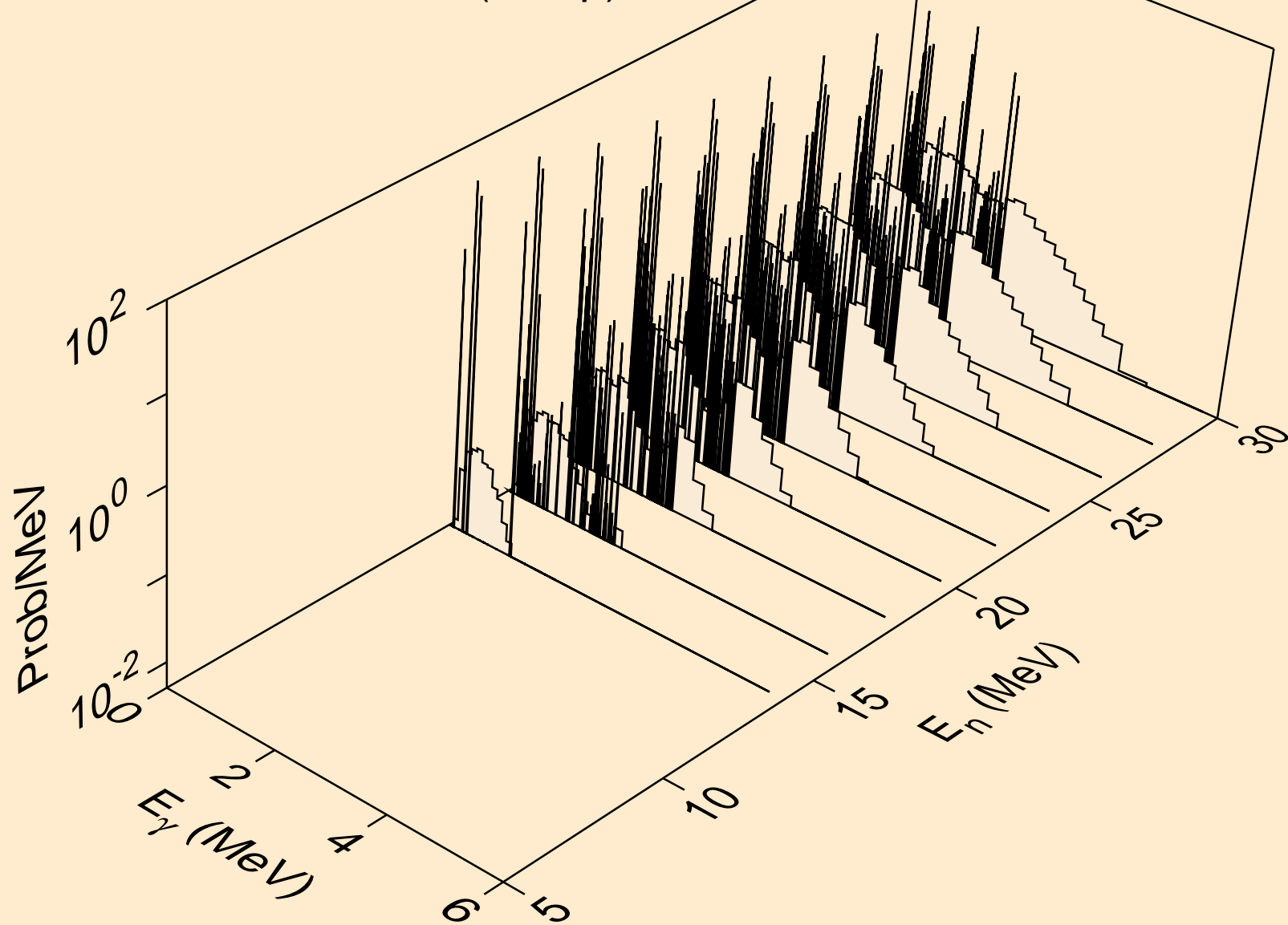




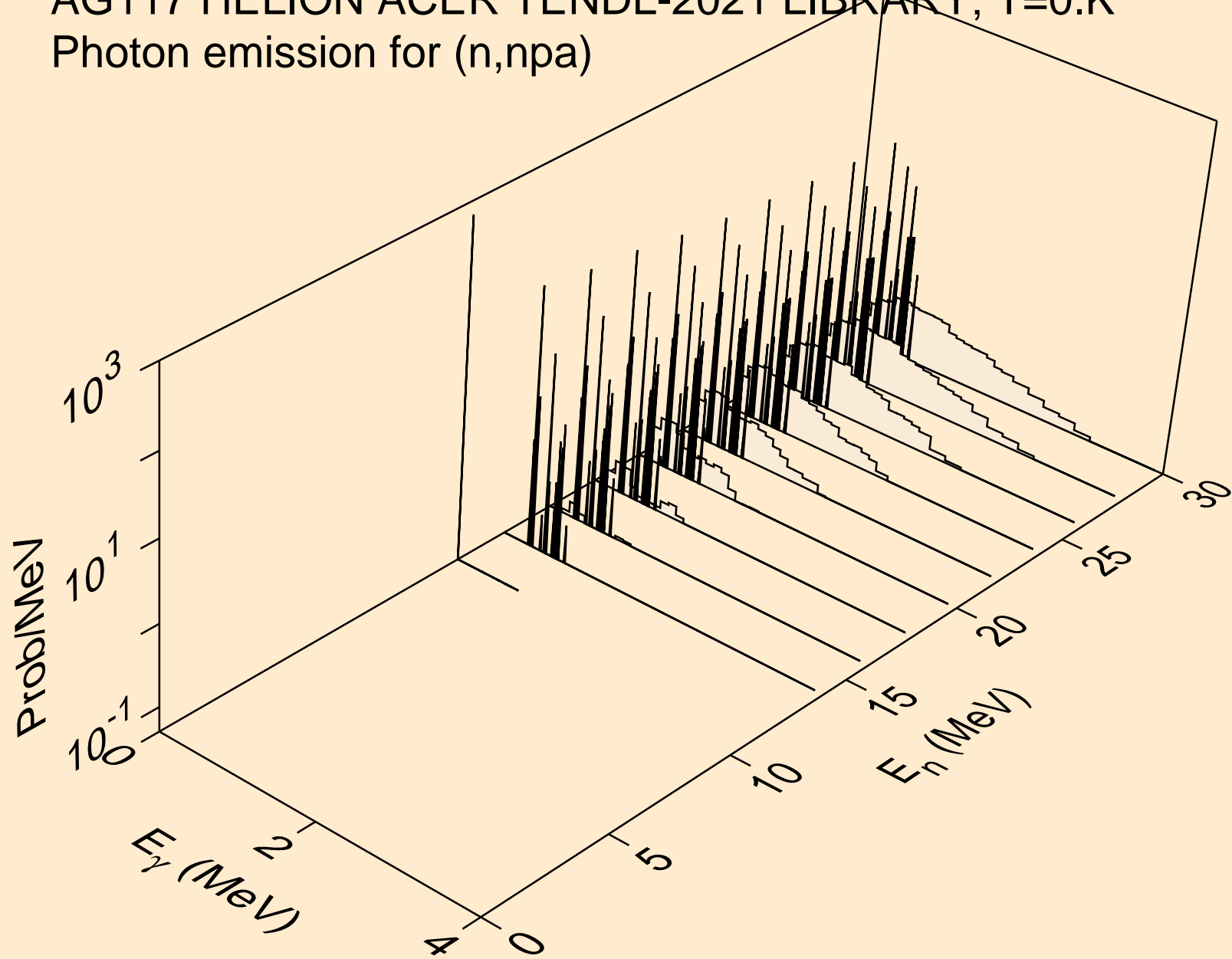
AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3np)



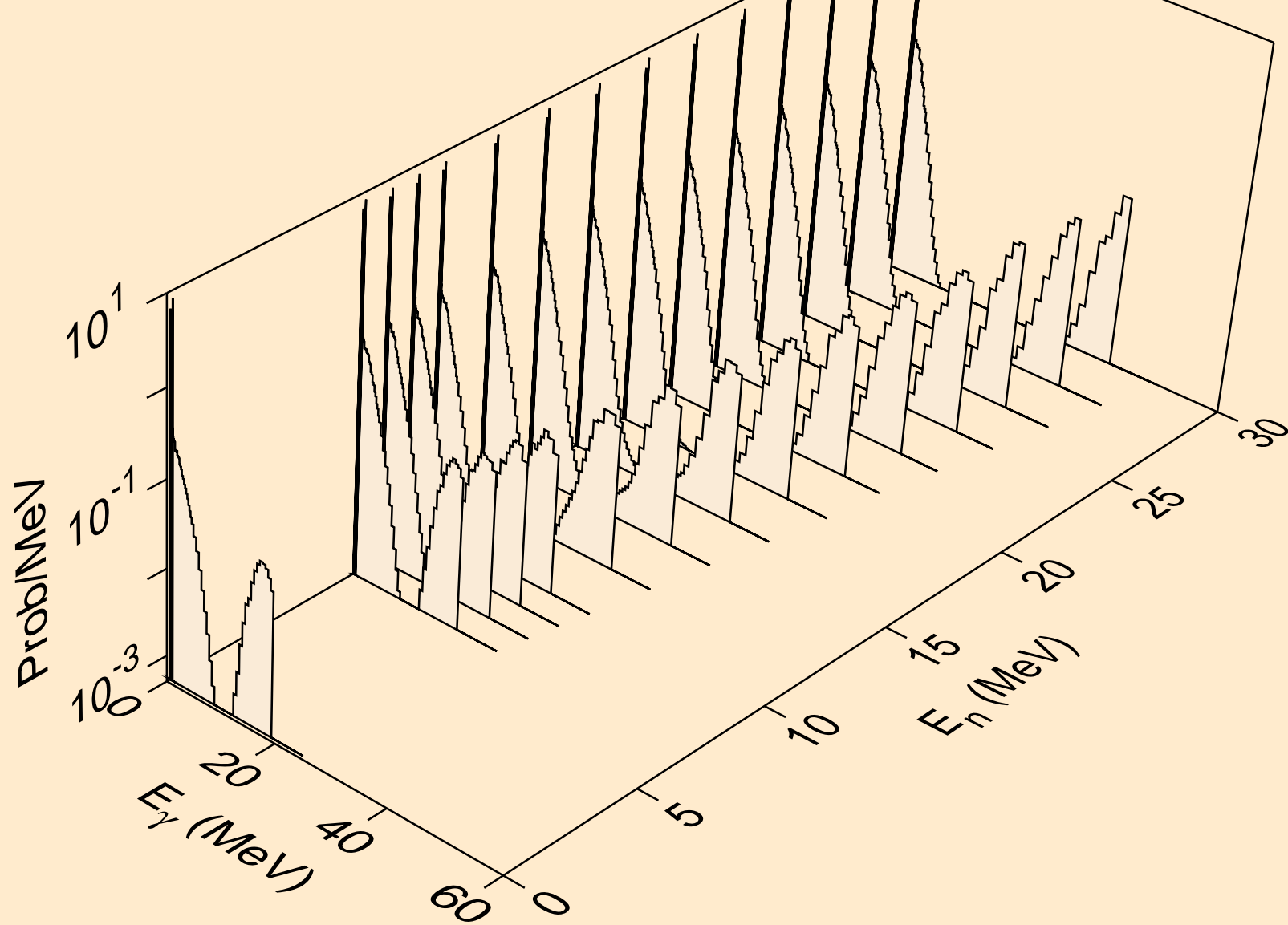
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Photon emission for (n,2np)



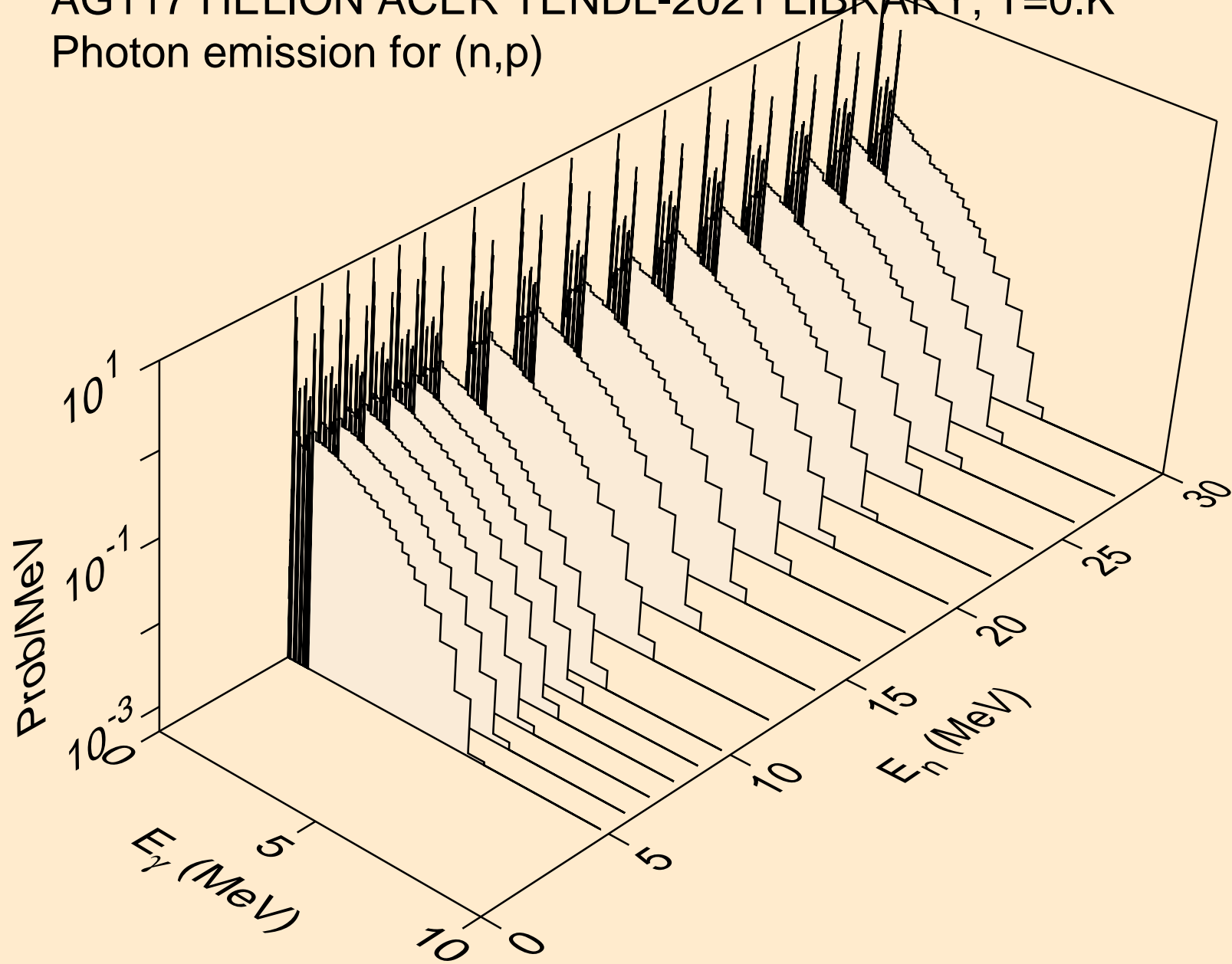
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Photon emission for (n,npa)



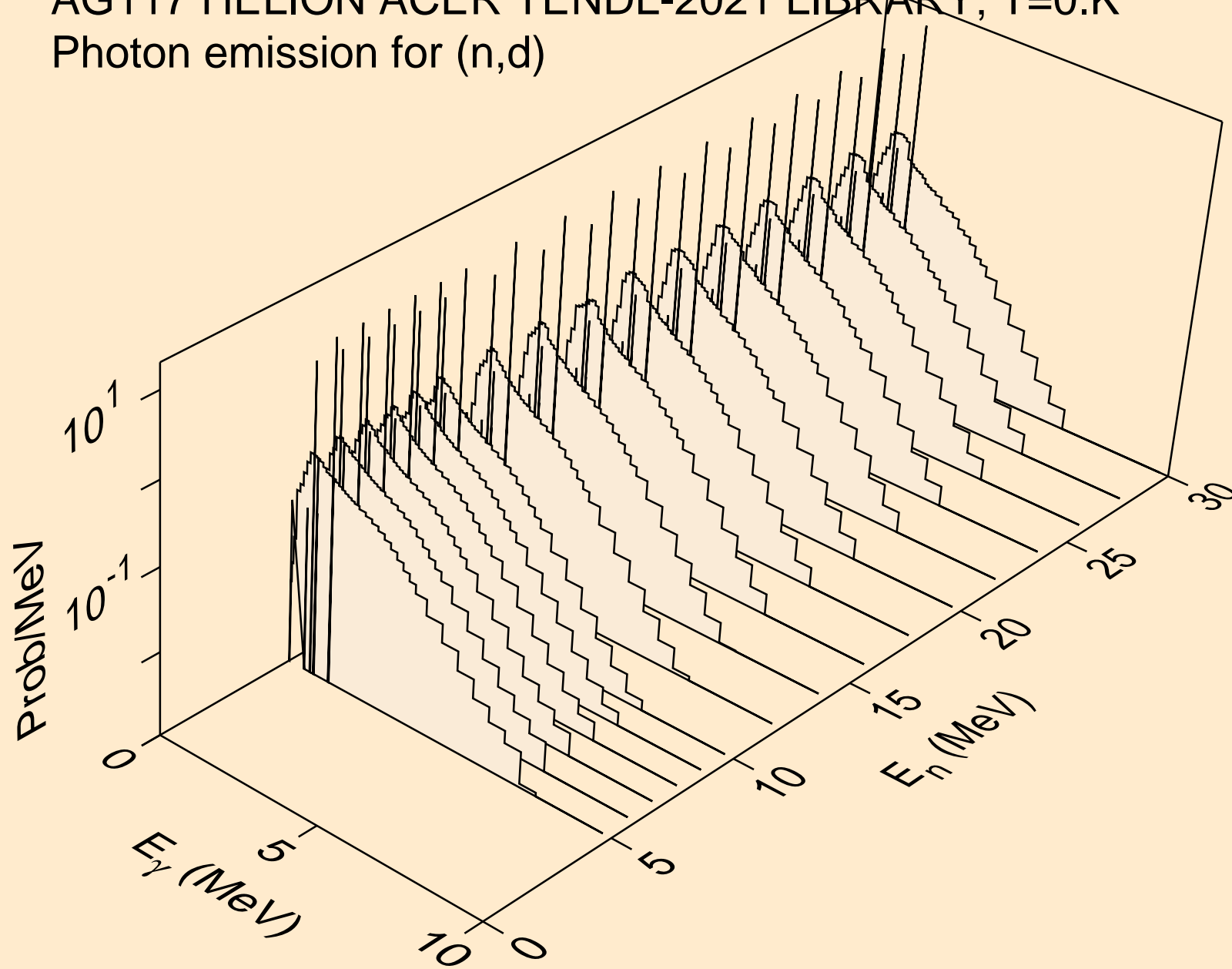
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Photon emission for (n,gma)



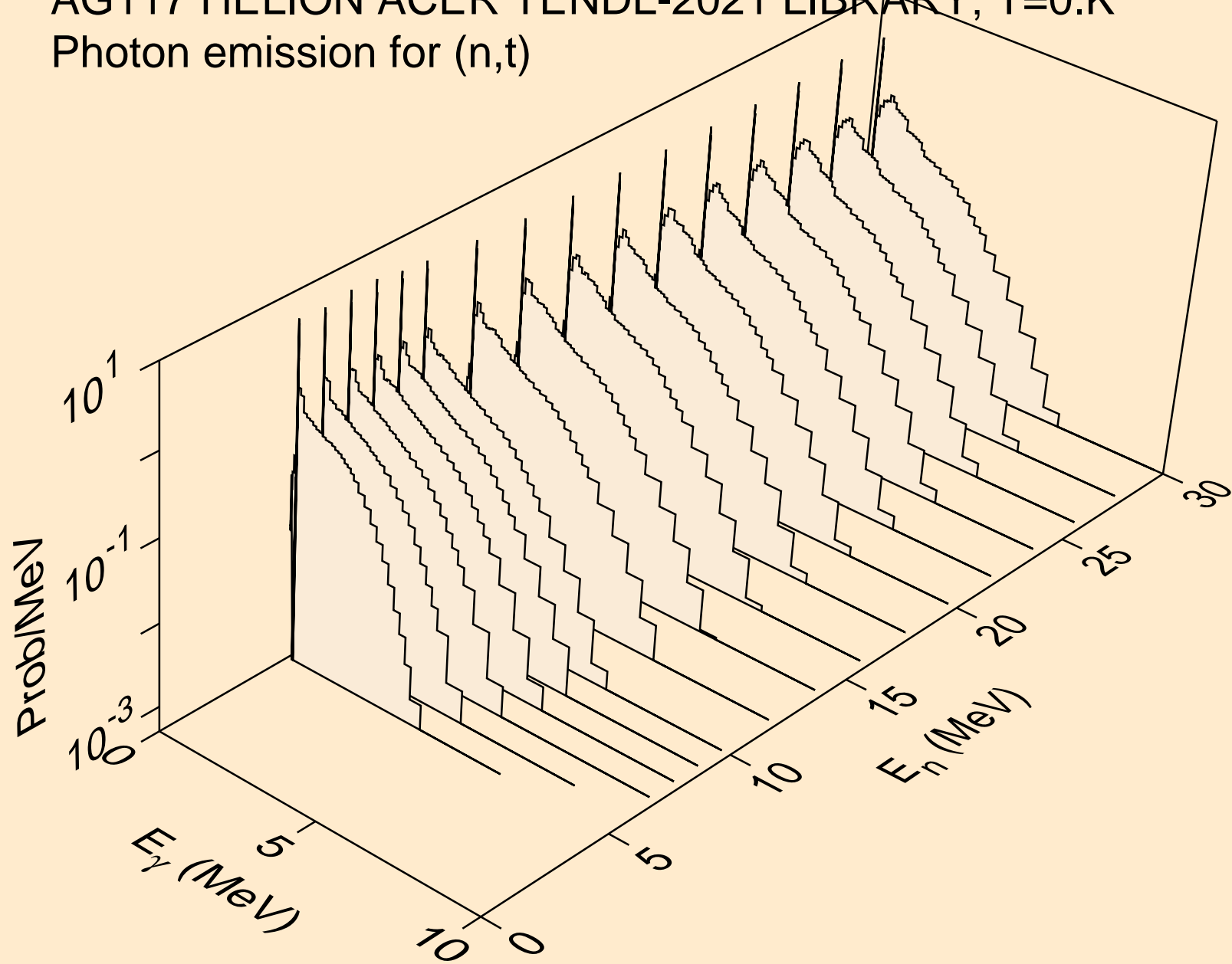
AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p)



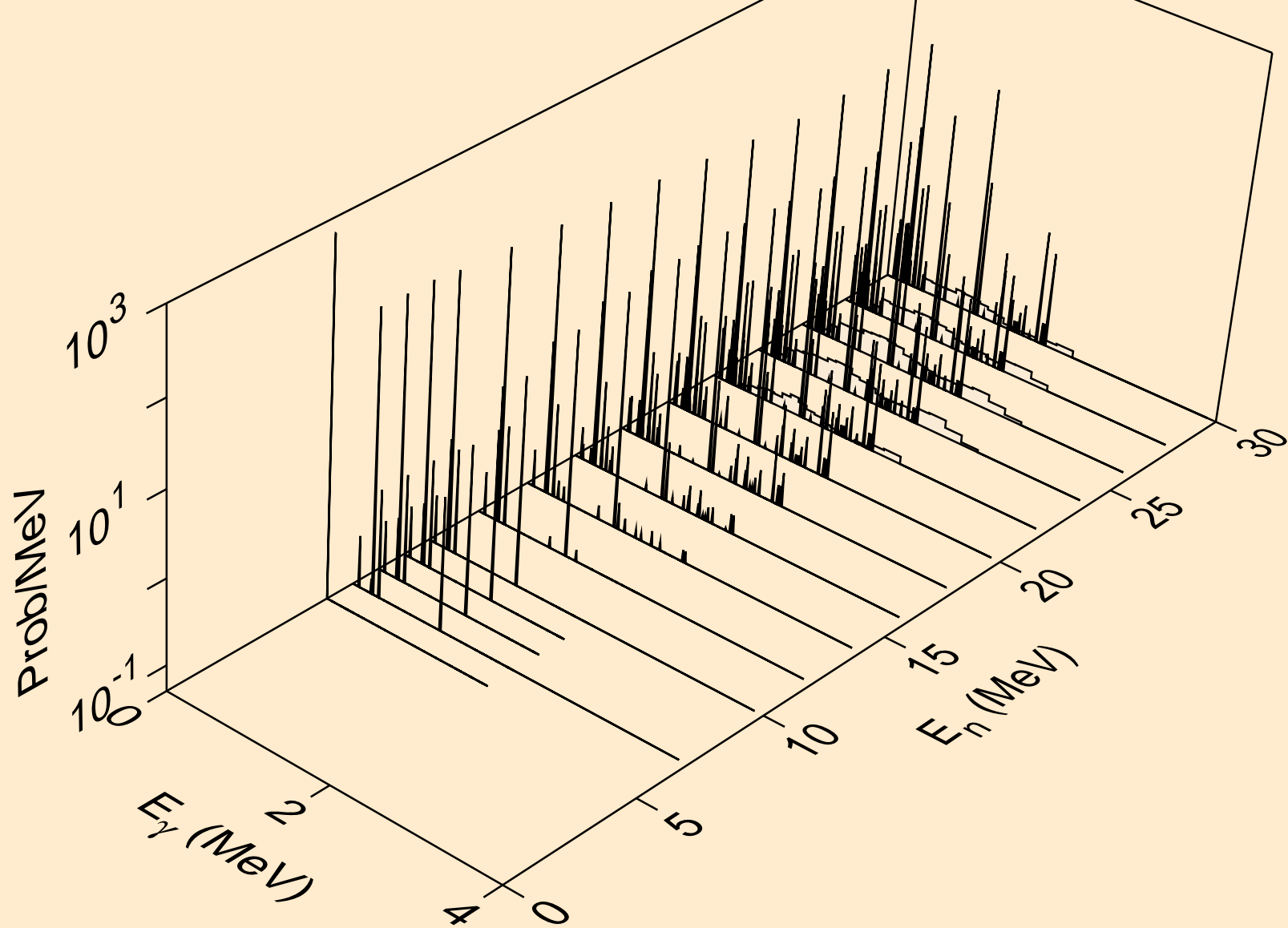
AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)



AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)

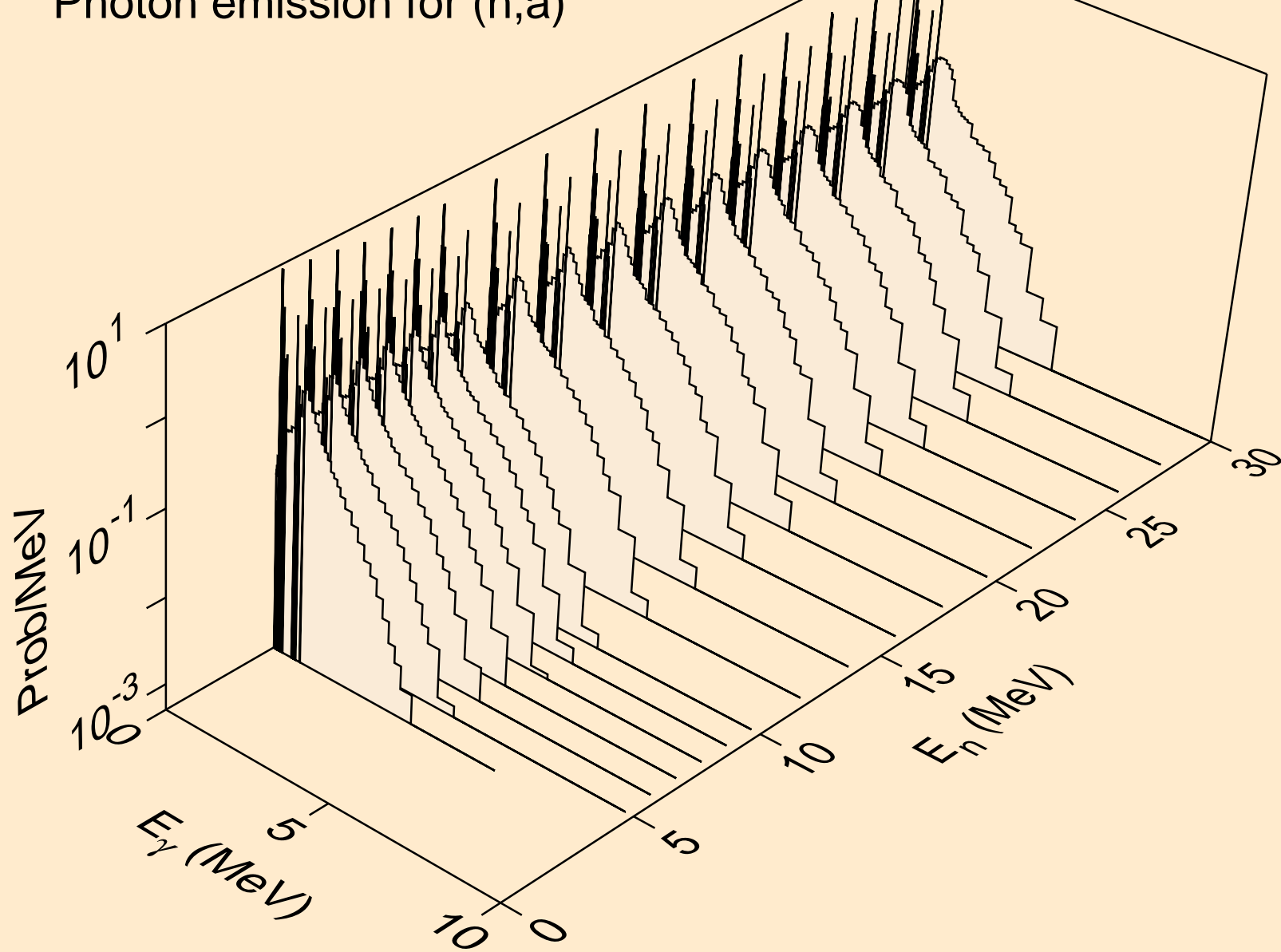


AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic

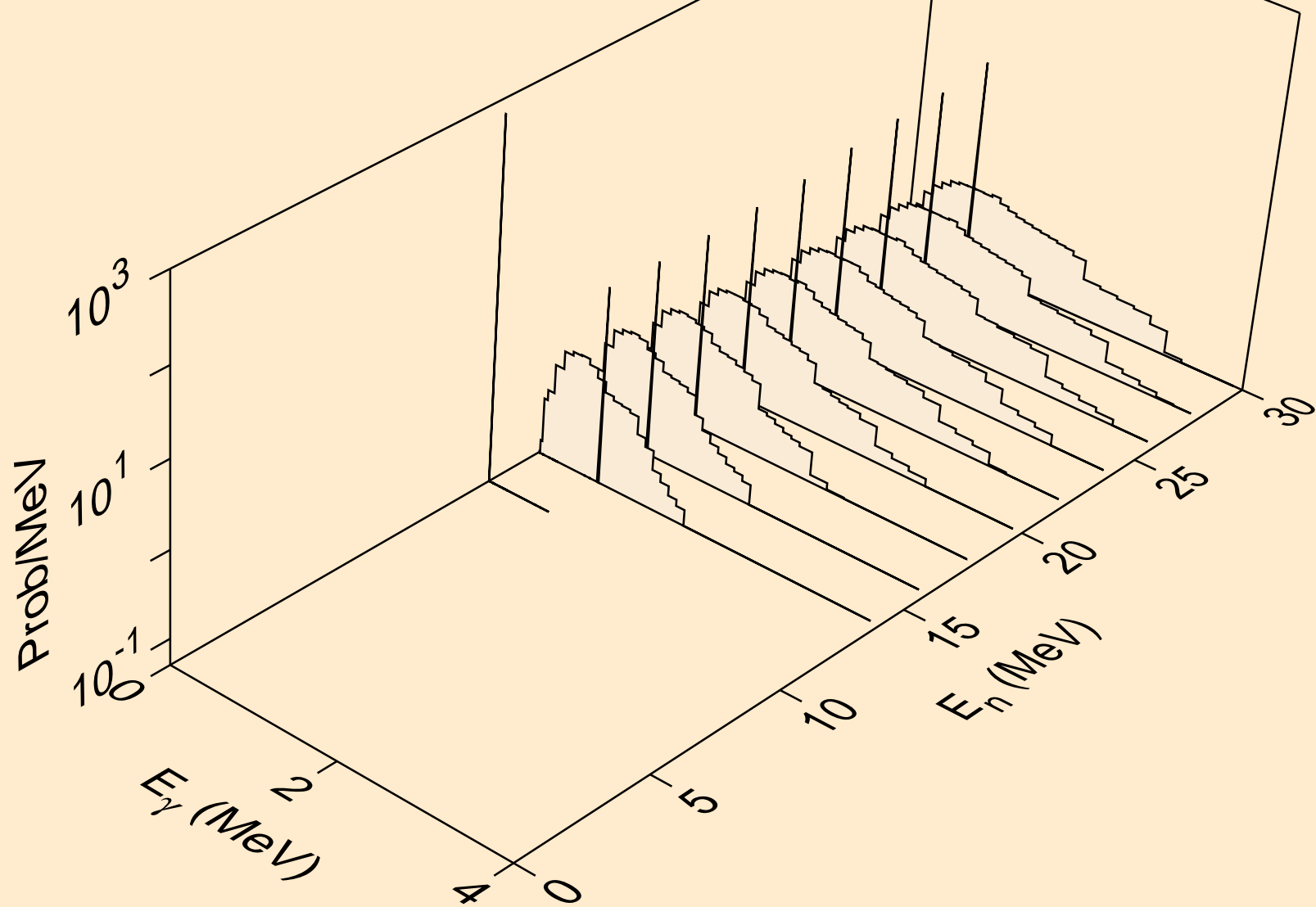




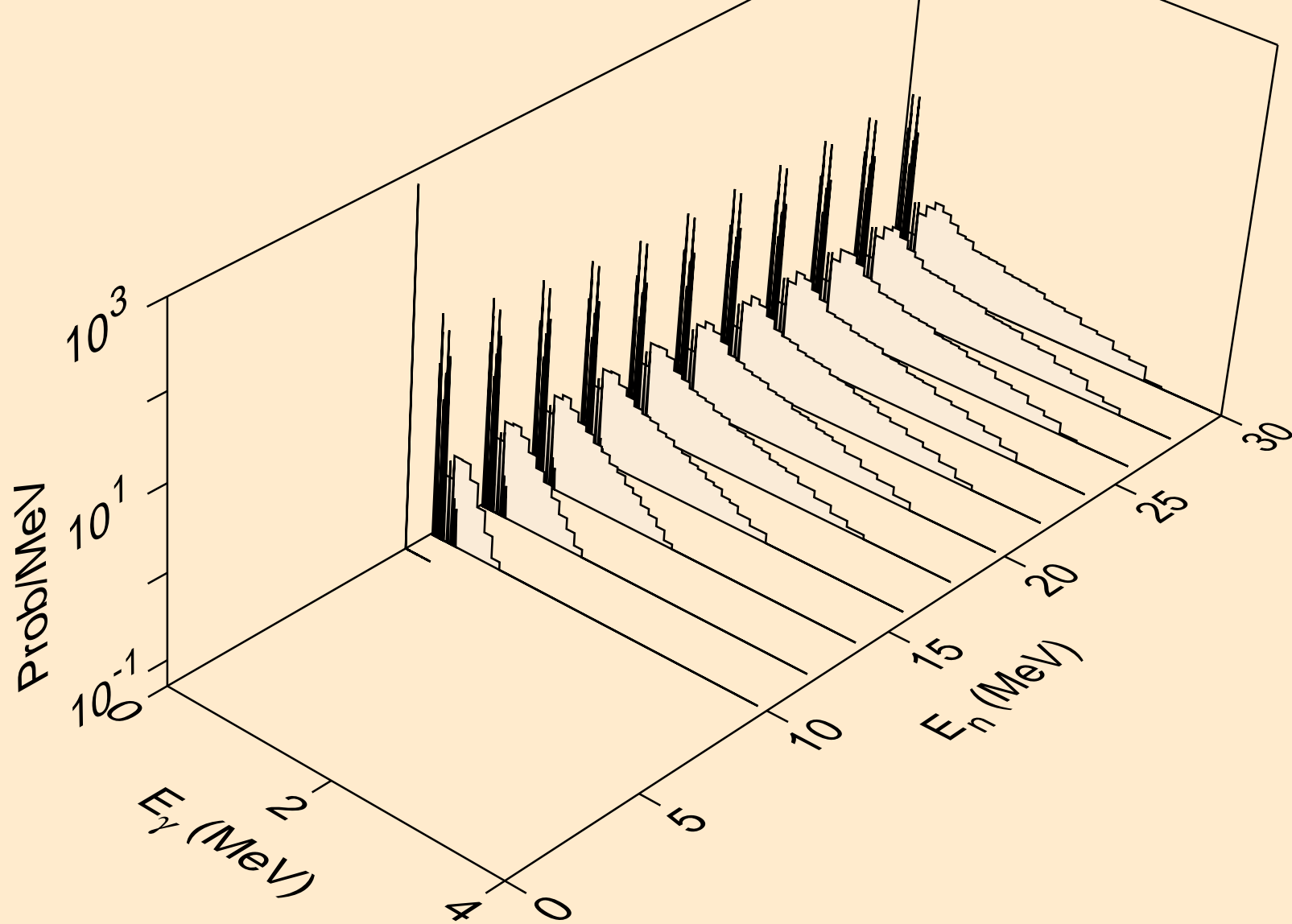
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Photon emission for (n,a)



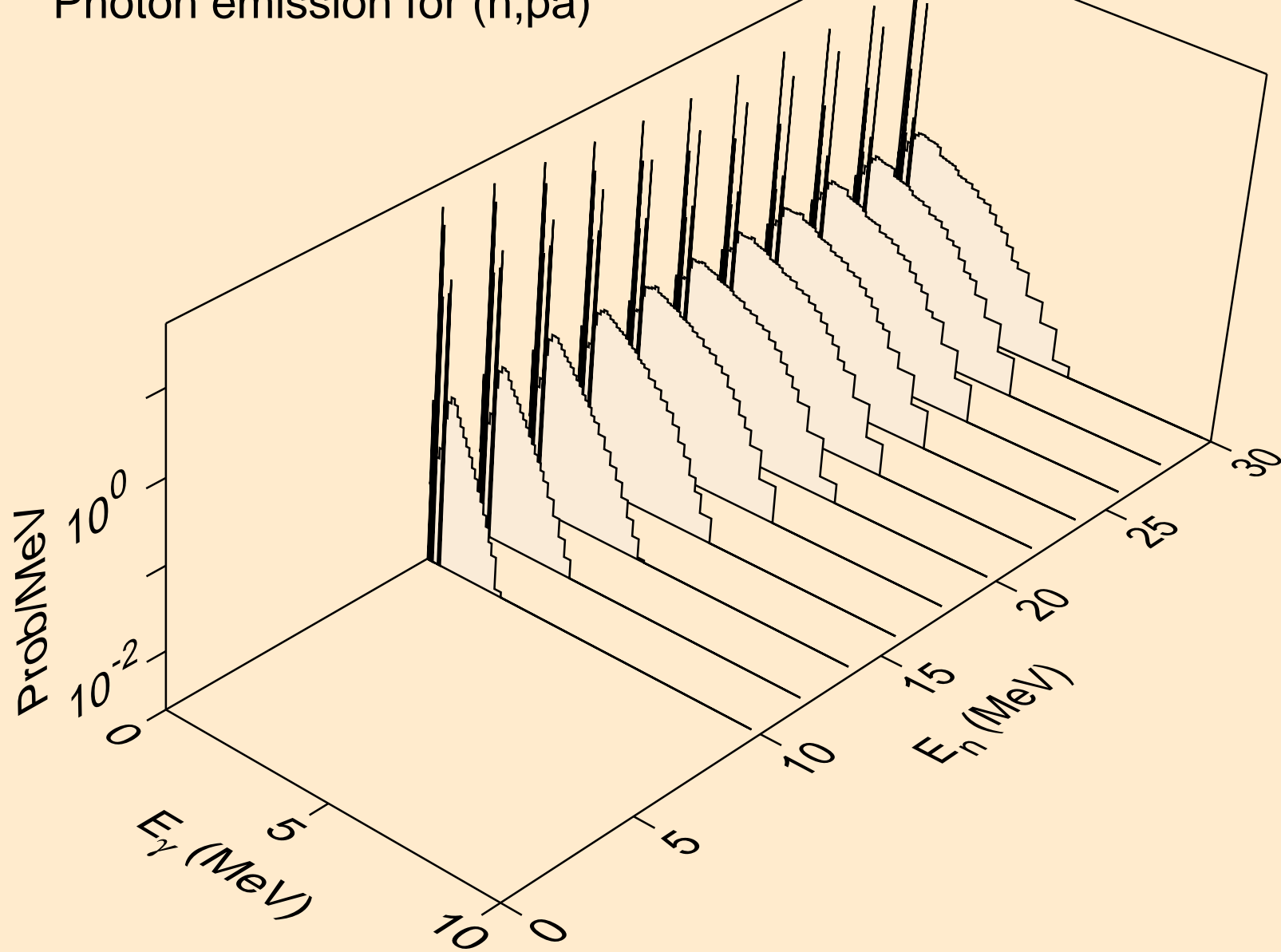
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Photon emission for (n,2a)



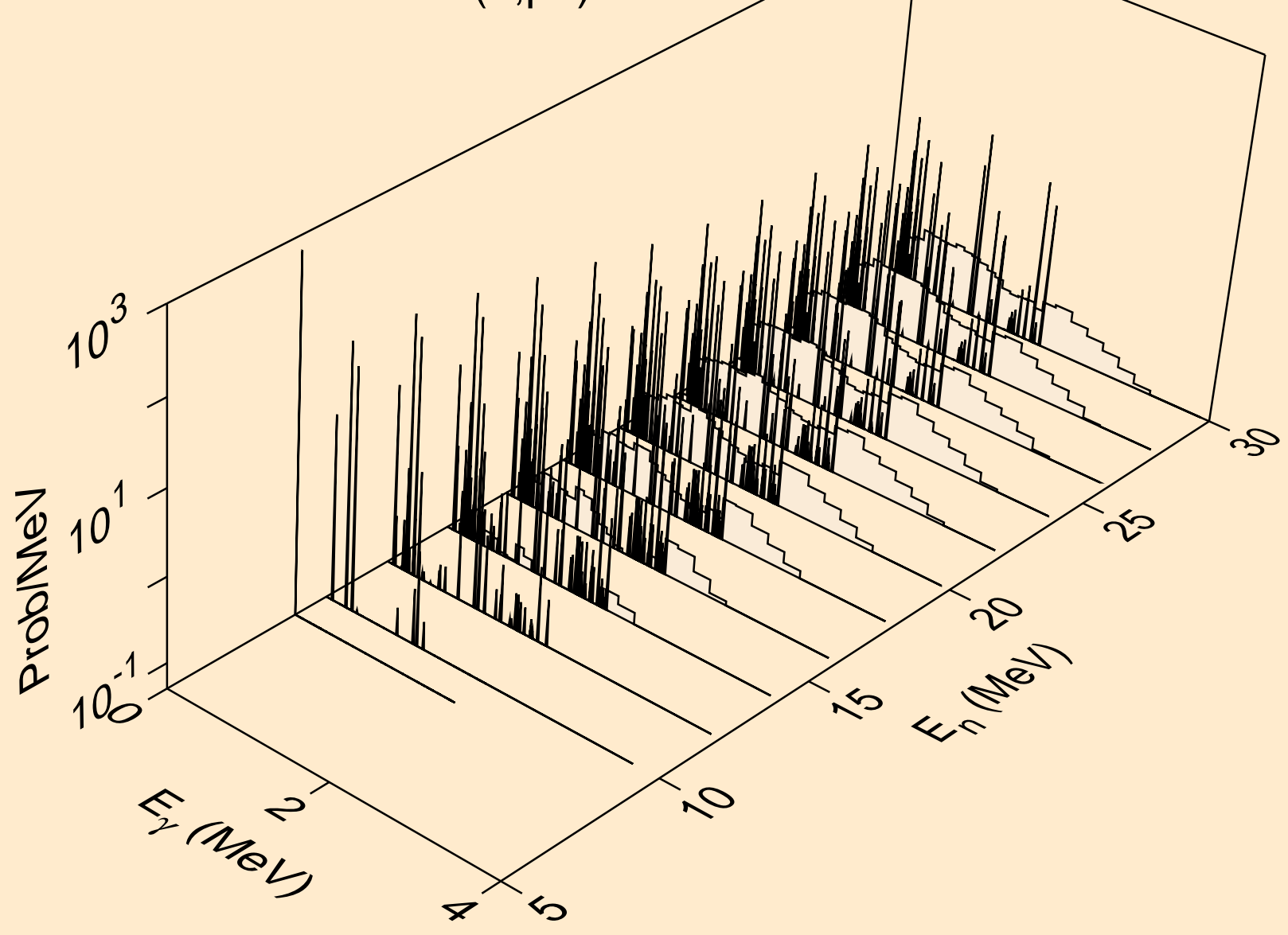
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Photon emission for (n,2p)



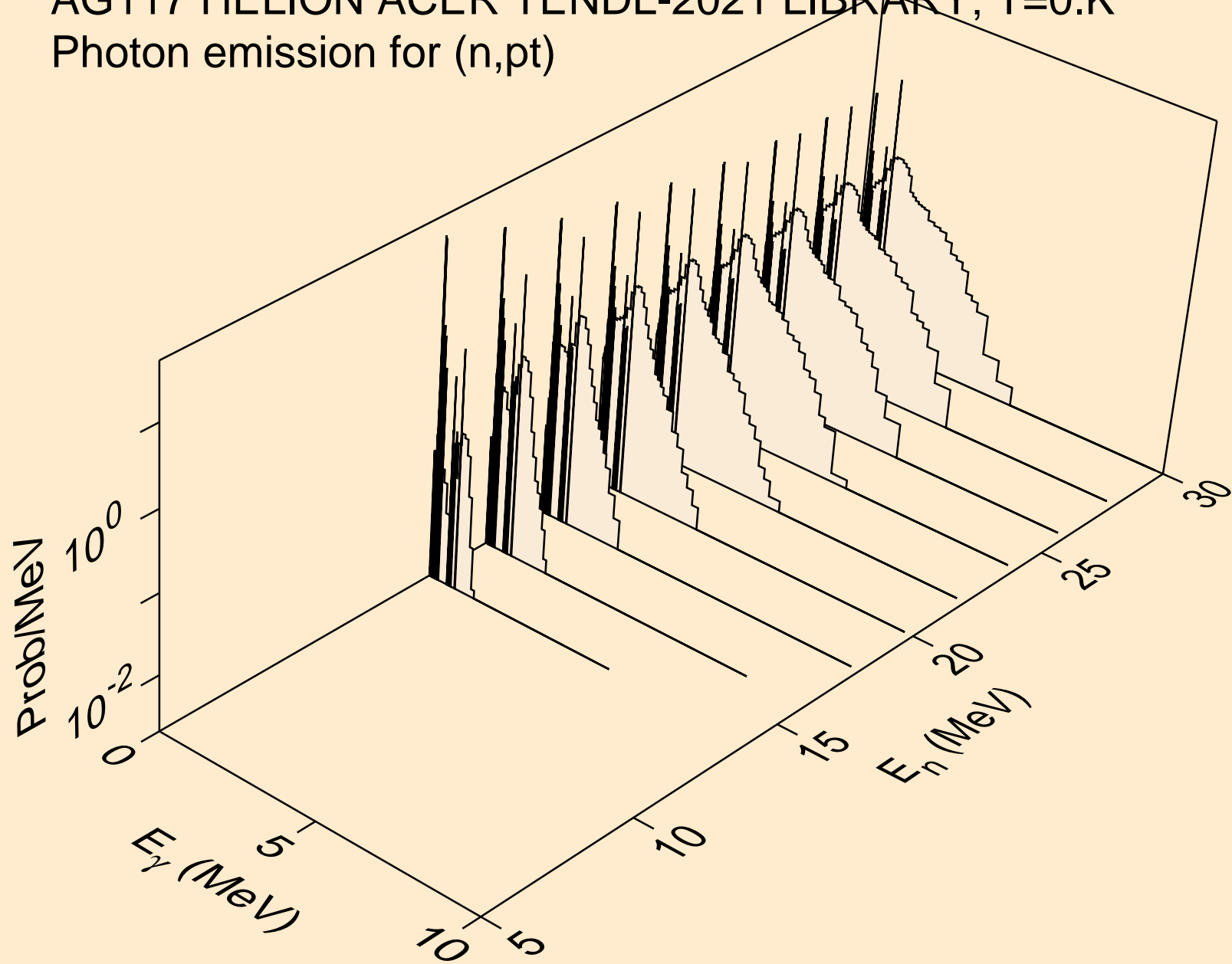
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Photon emission for (n,p)



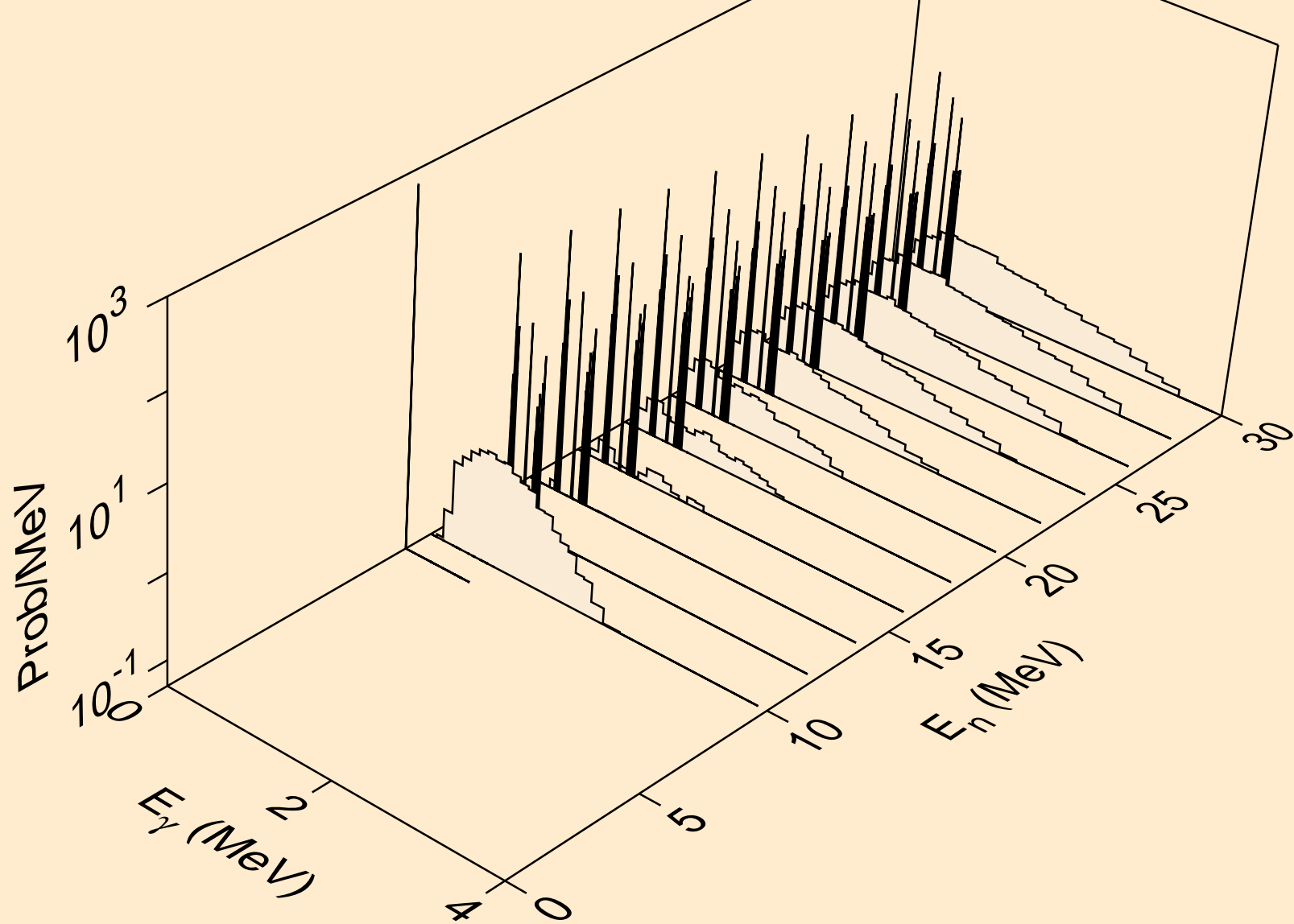
AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)



AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)

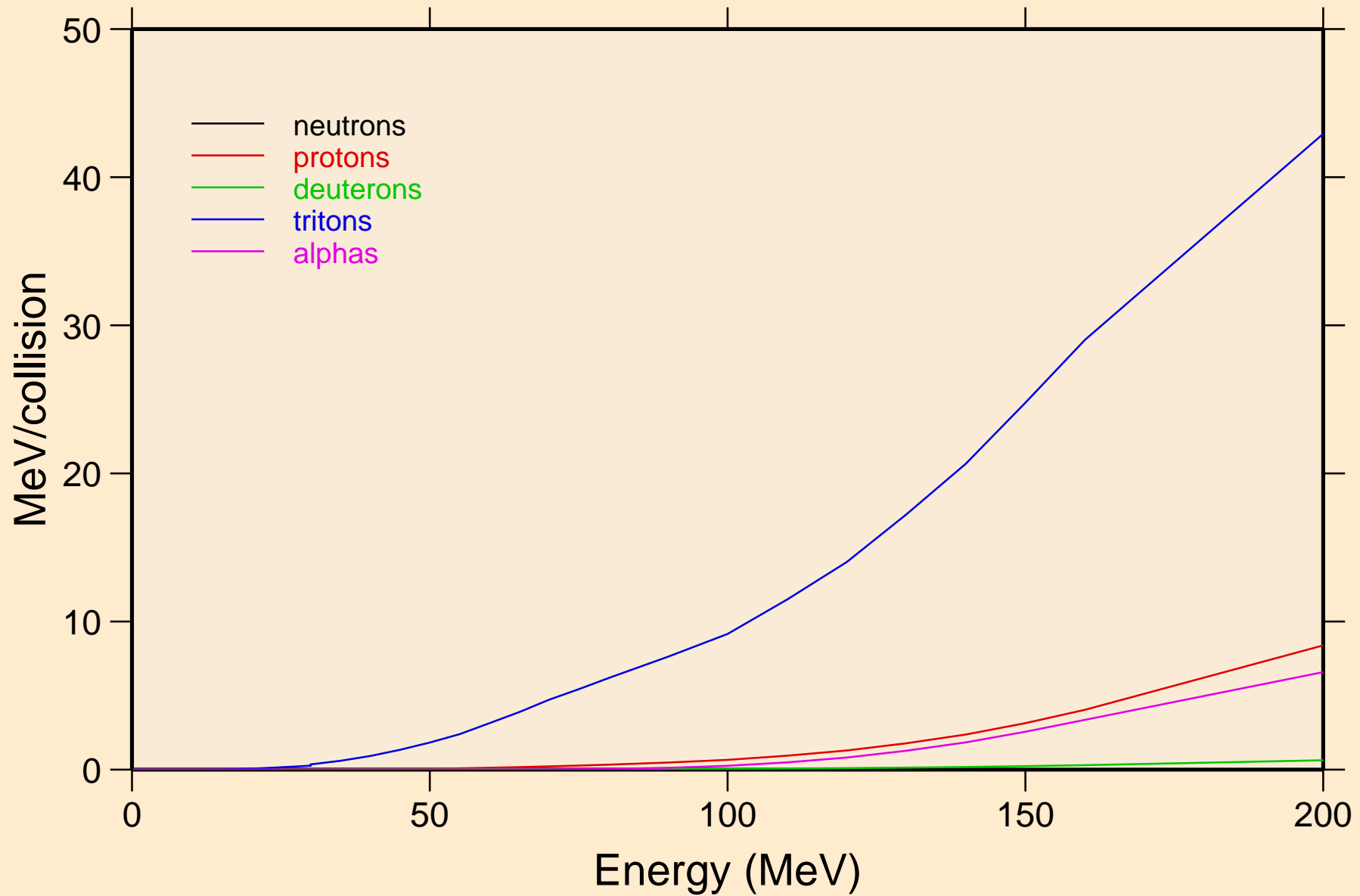


AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,da)



# AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K

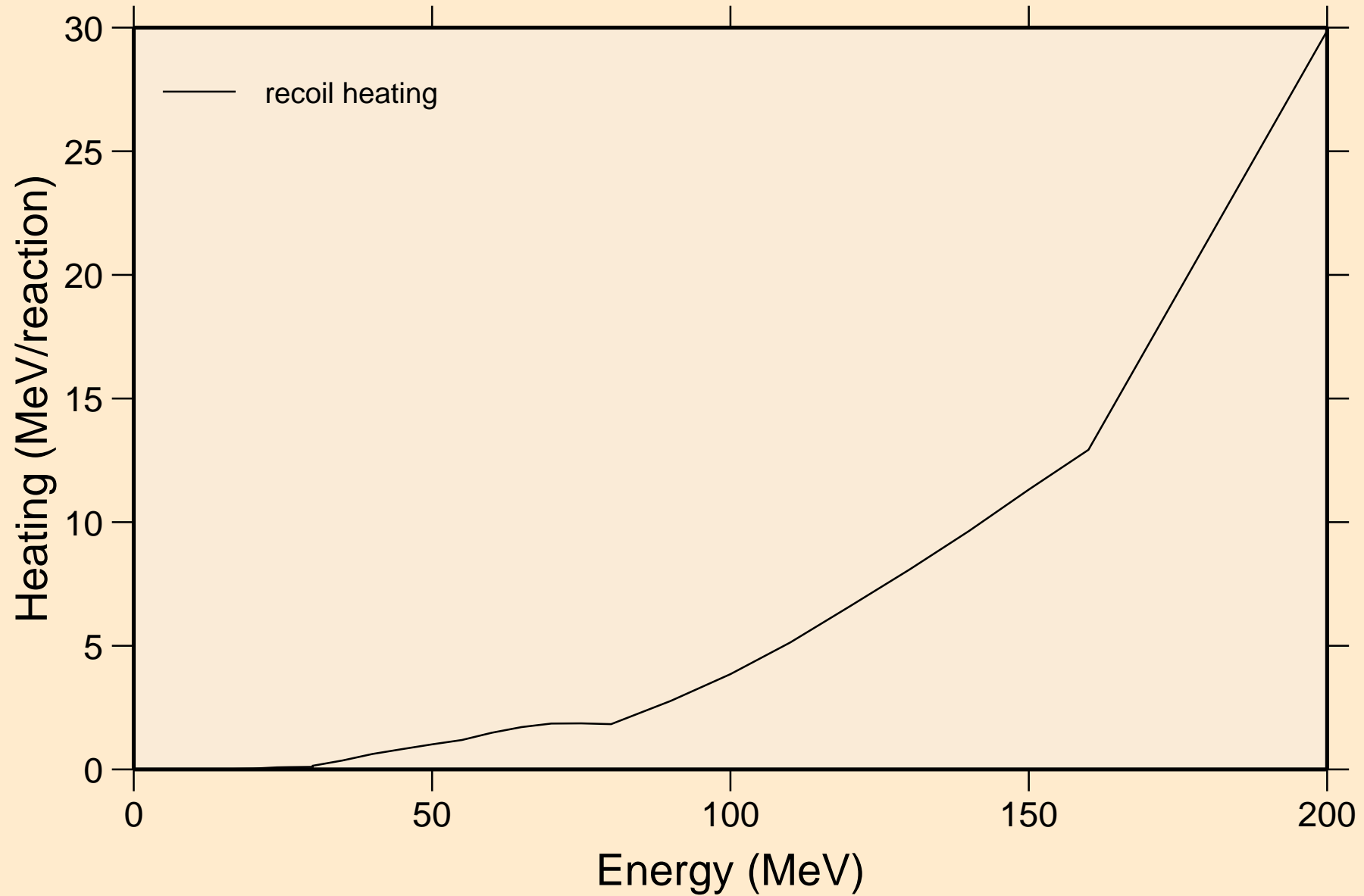
## Particle heating contributions





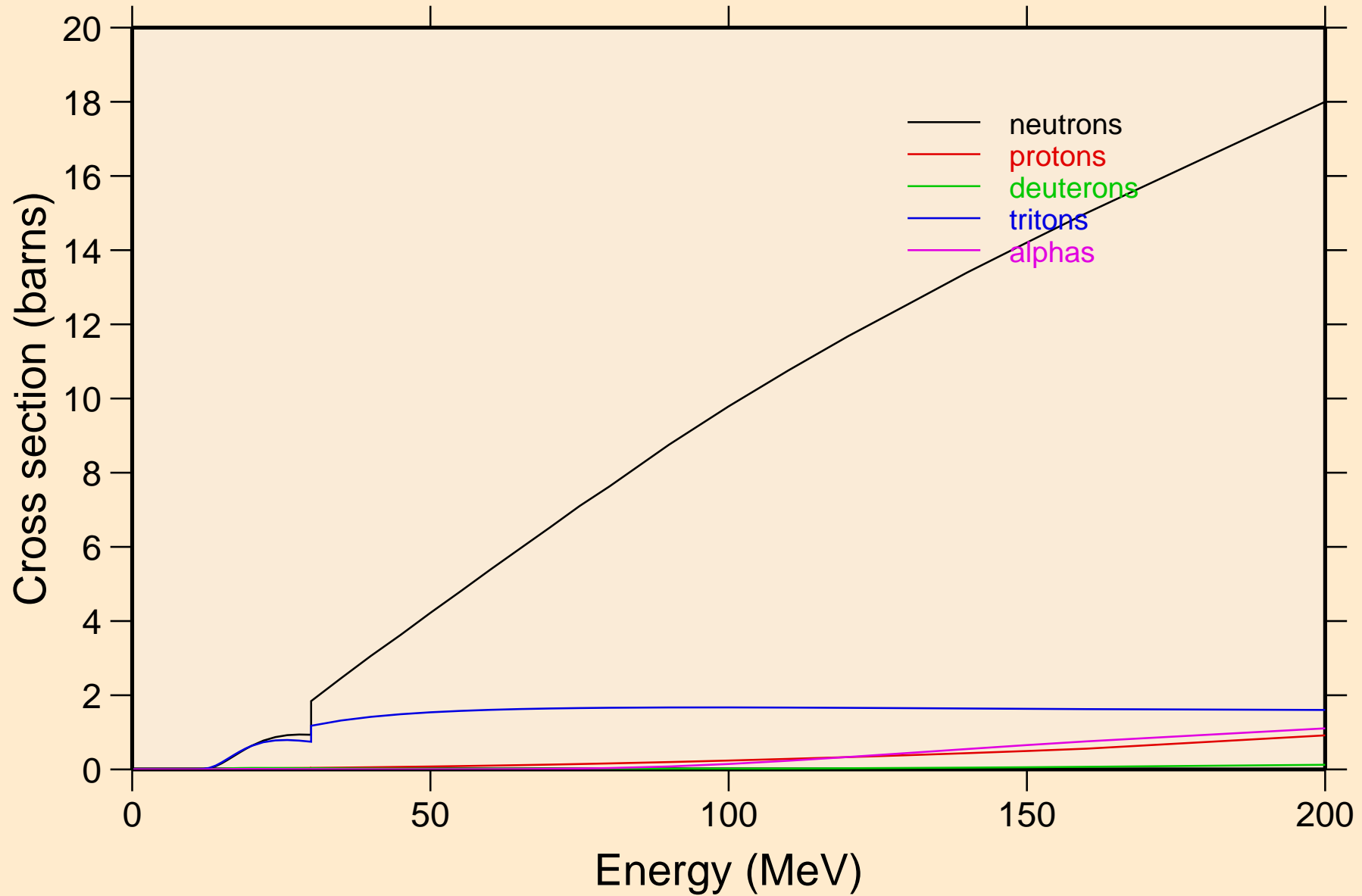
AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K

Recoil Heating

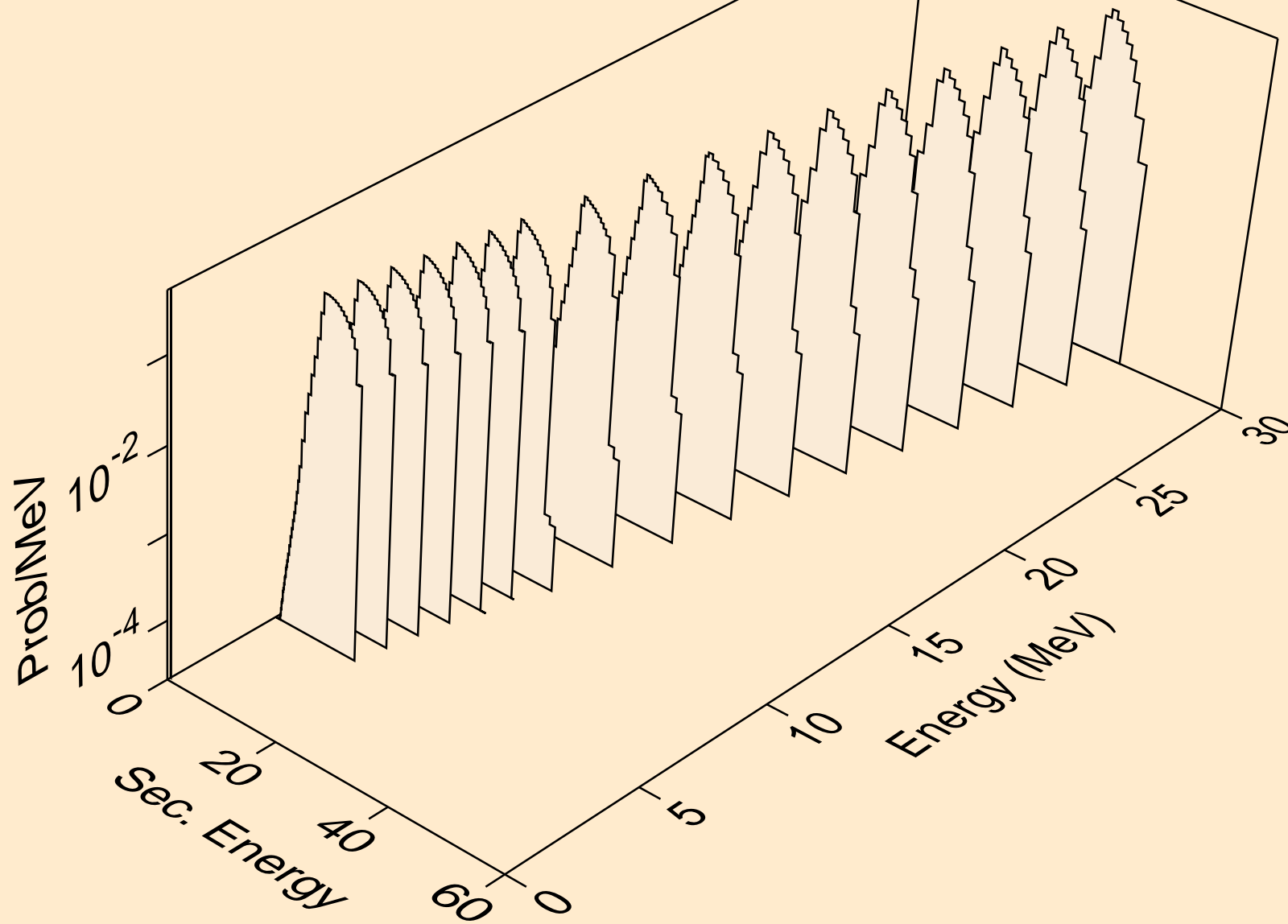


# AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K

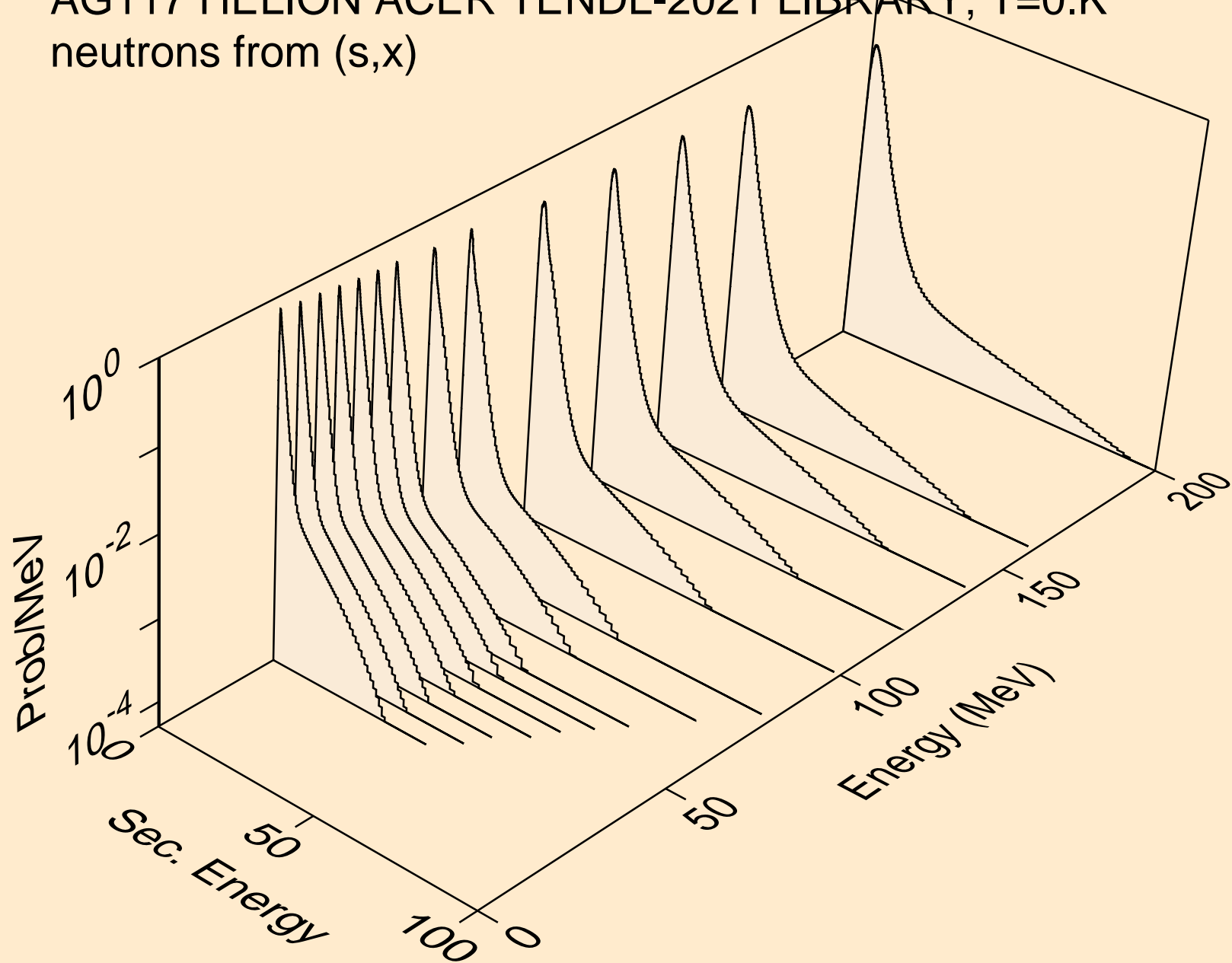
## Particle production cross sections



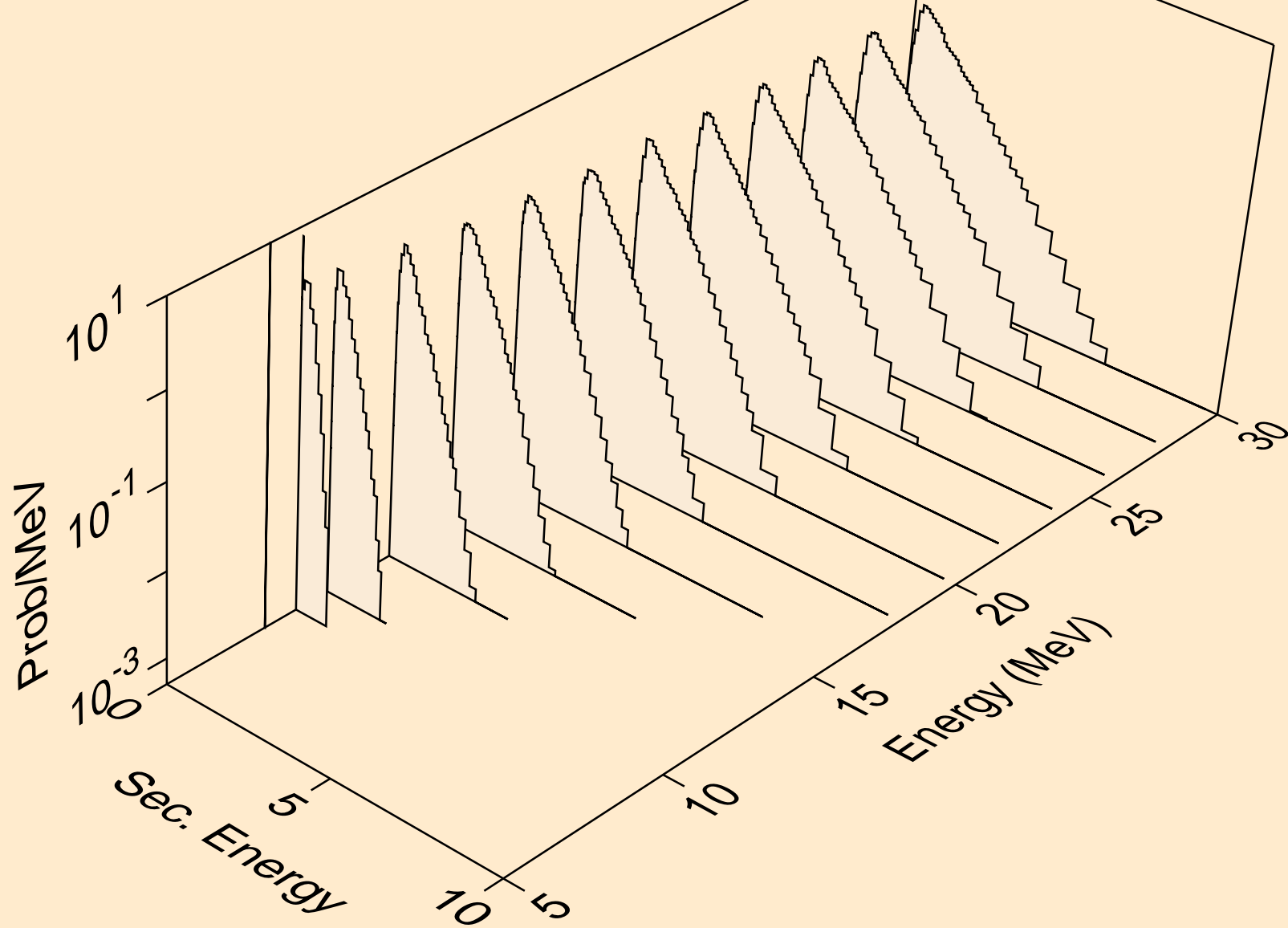
AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n)



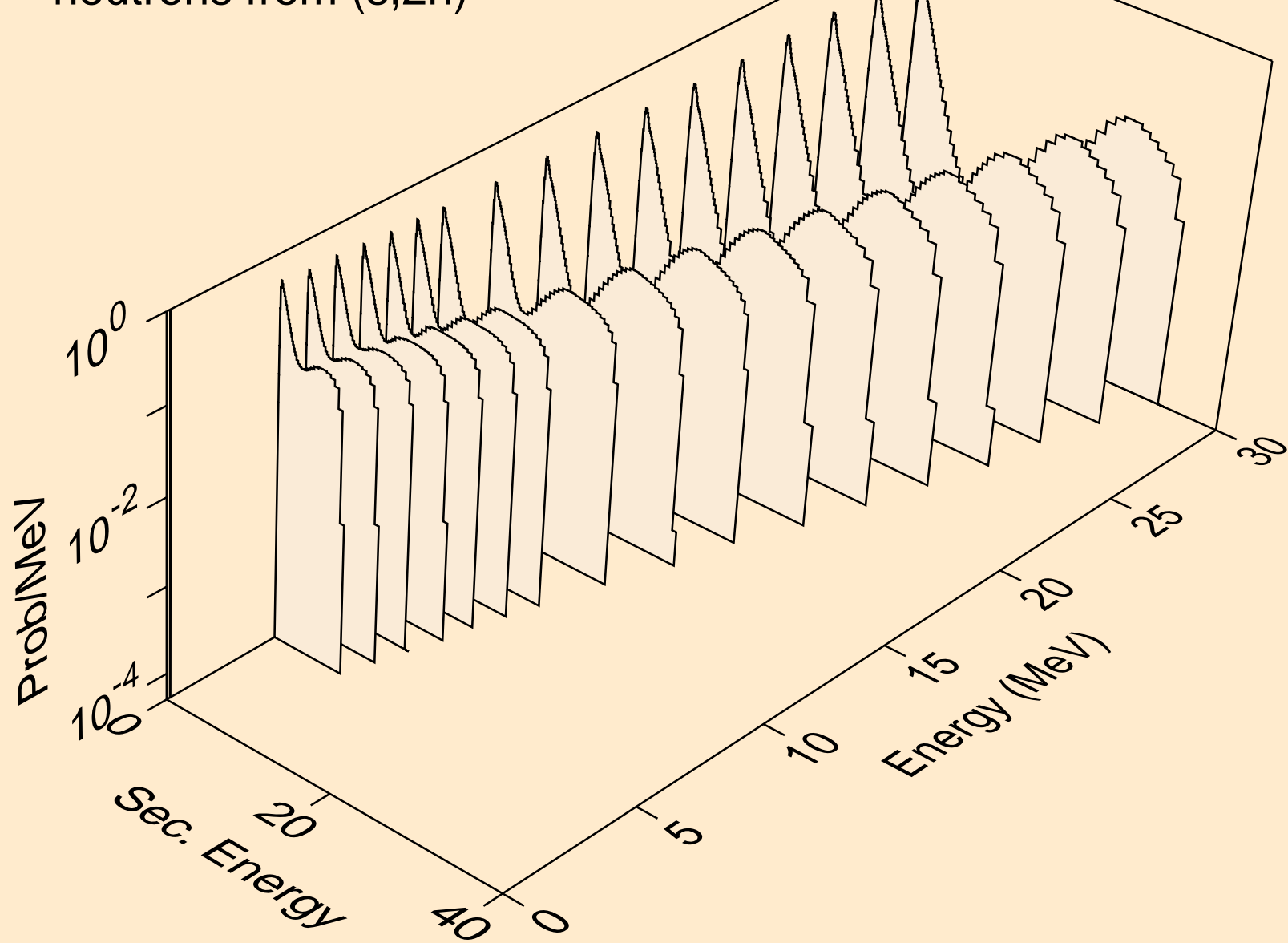
AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,x)



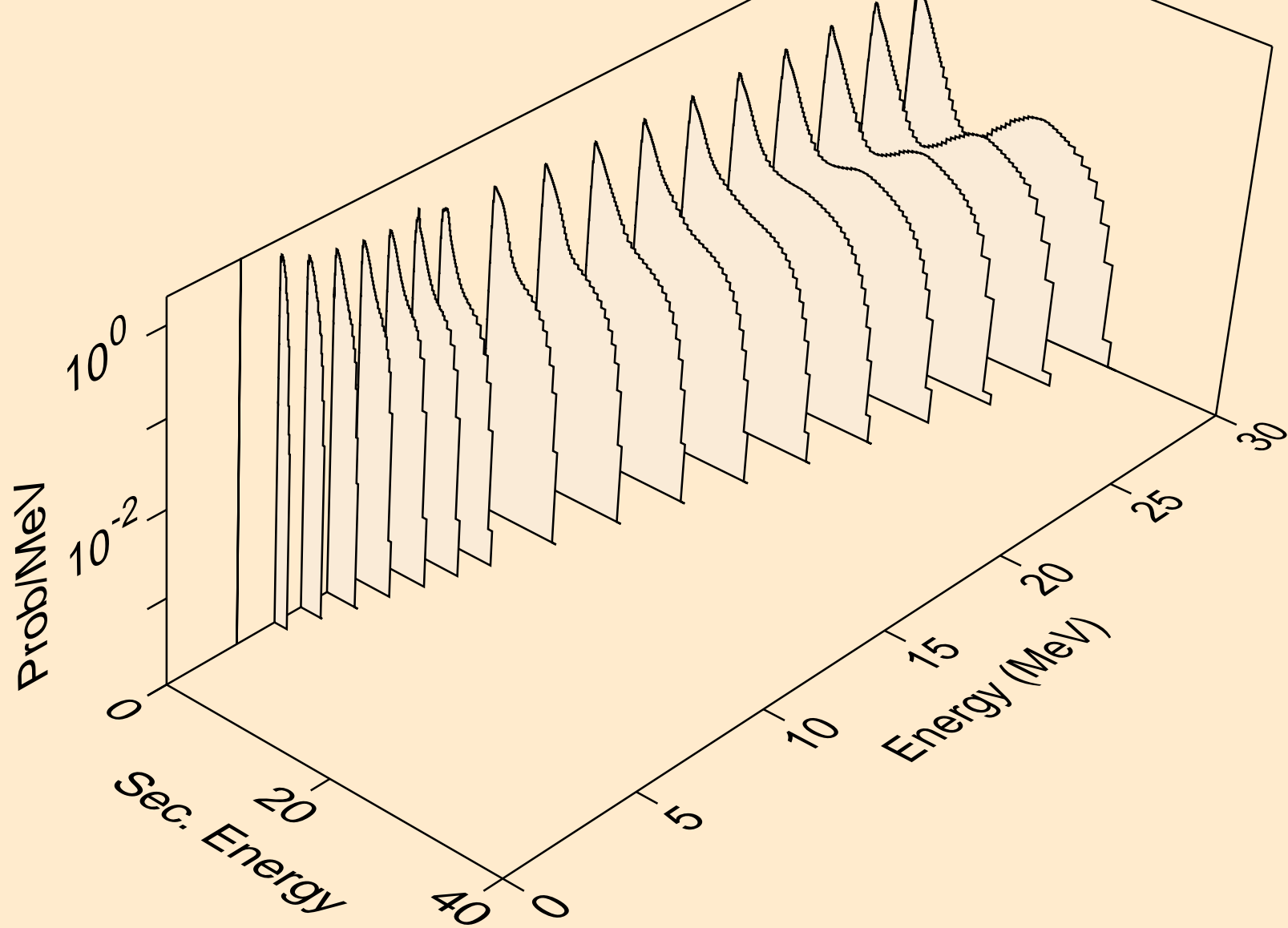
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neutrons from (s,2nd)



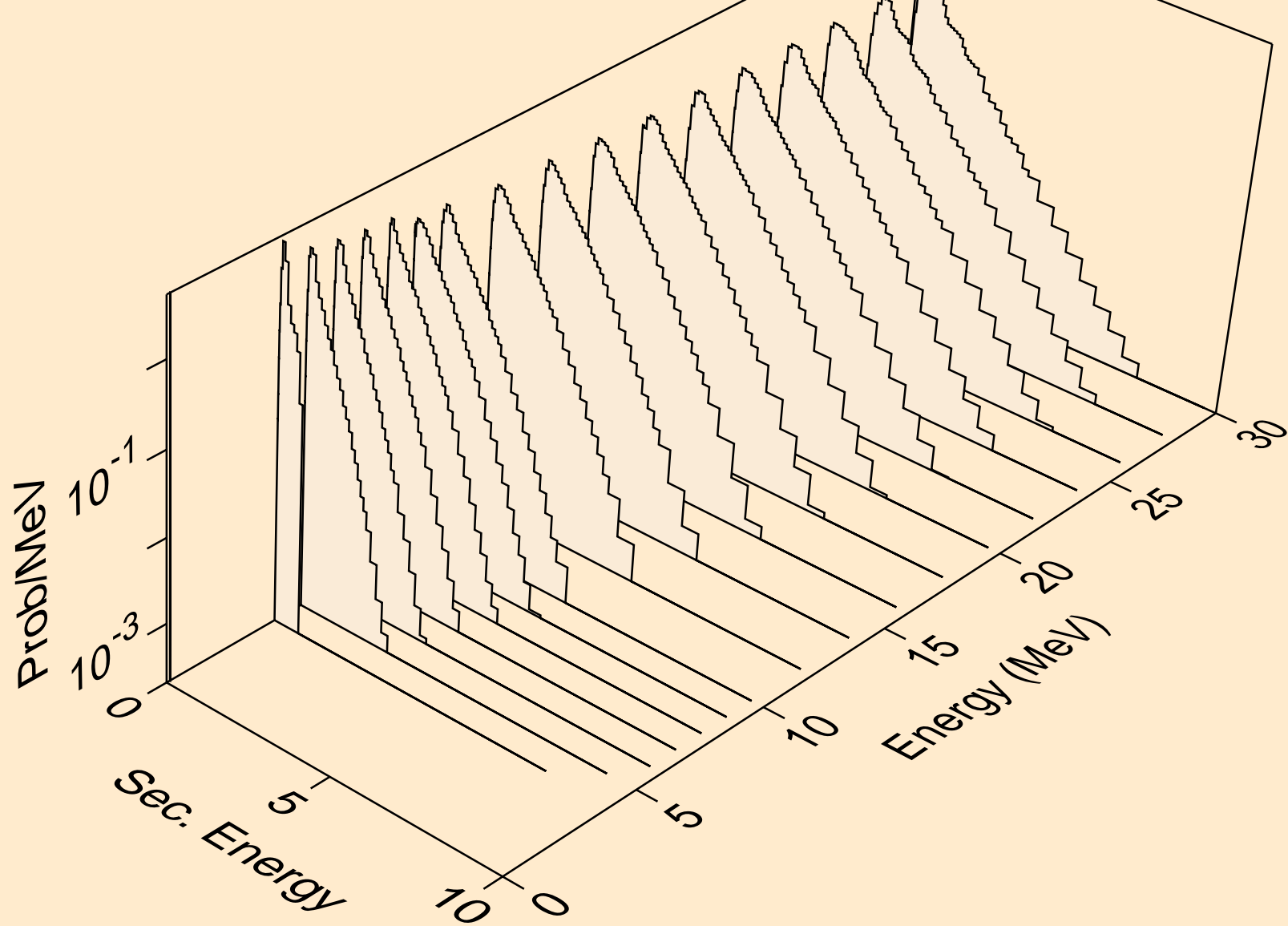
AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)



AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3n)

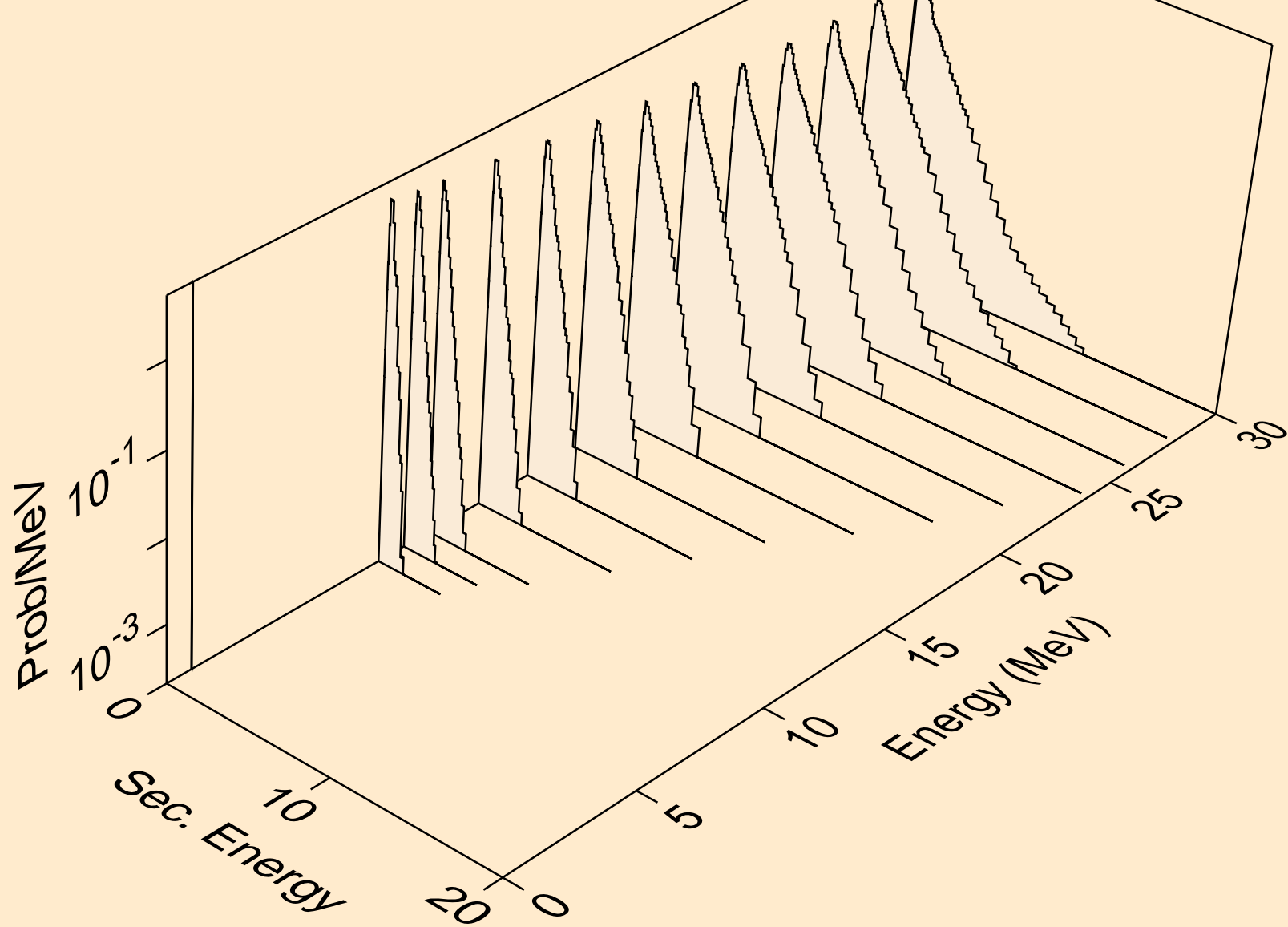


AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)a

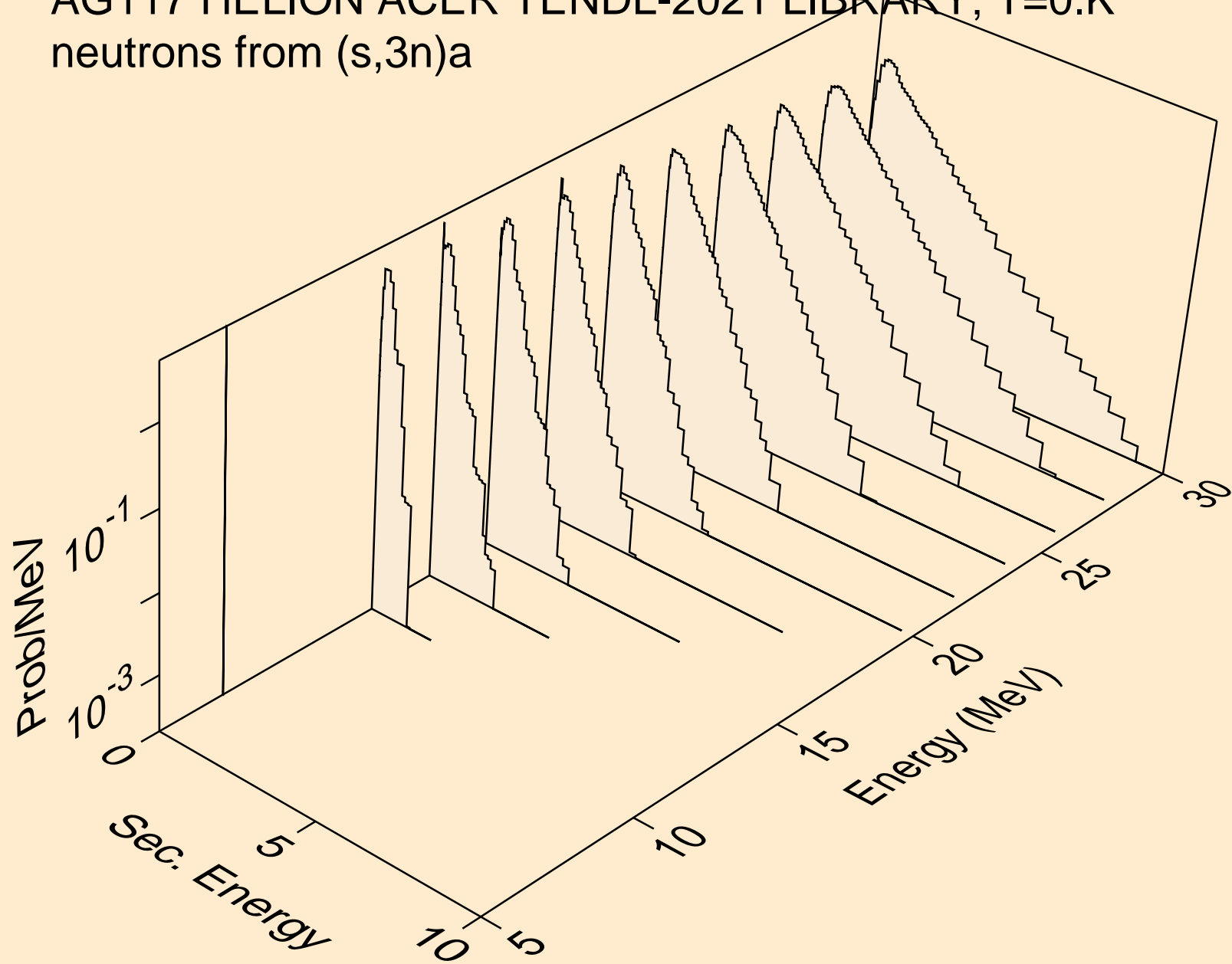




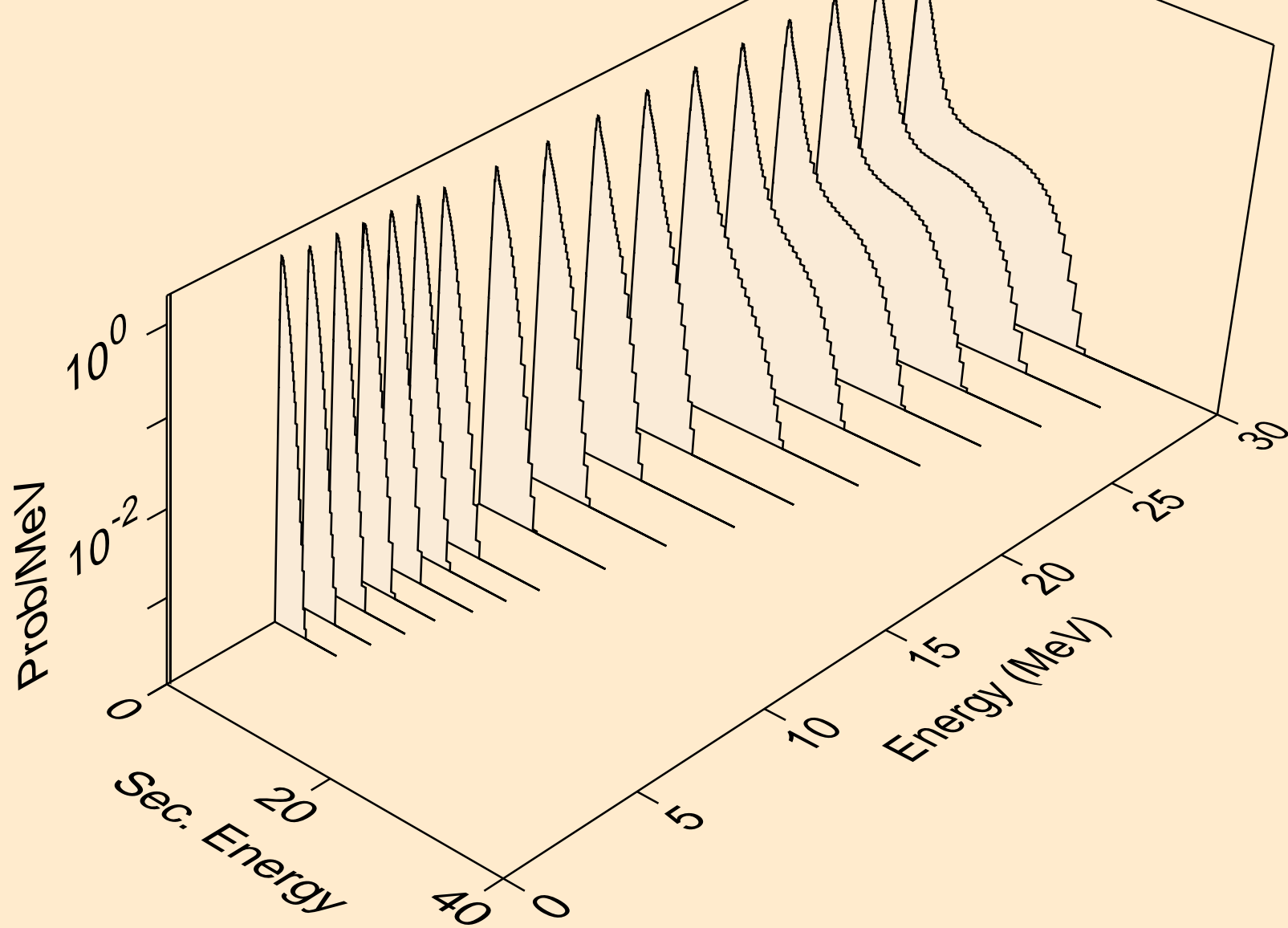
AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)a



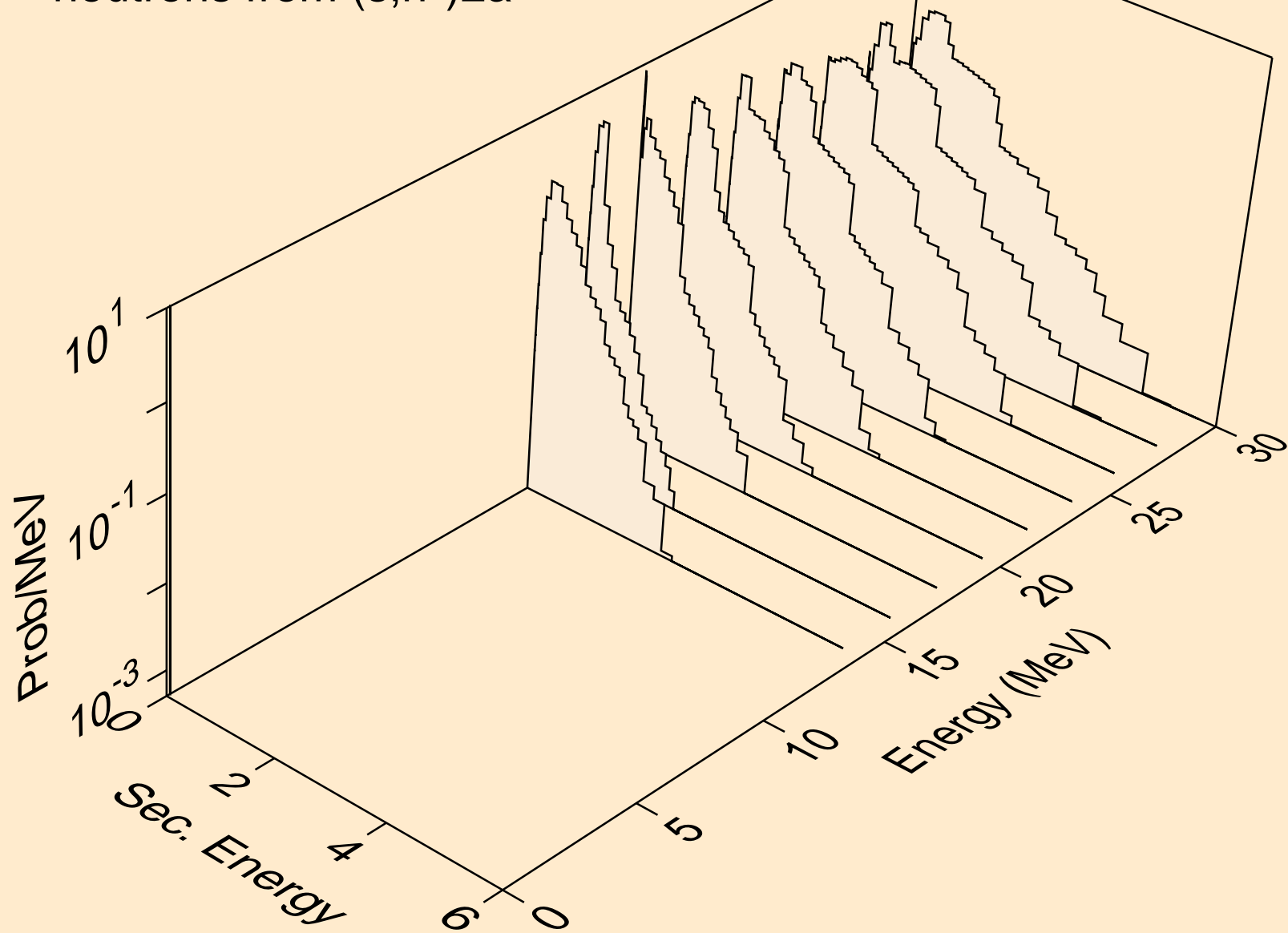
AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3n)a



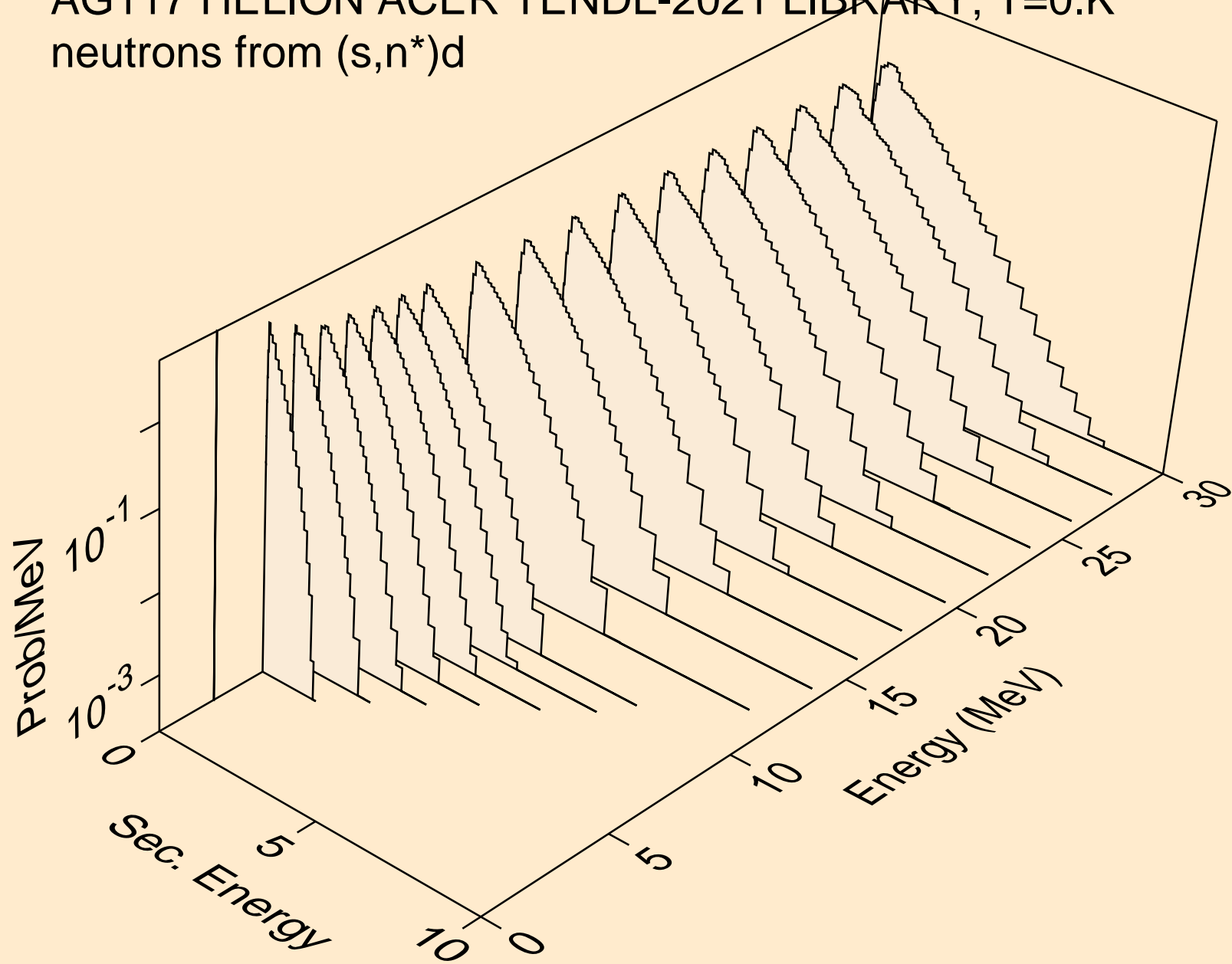
AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)p



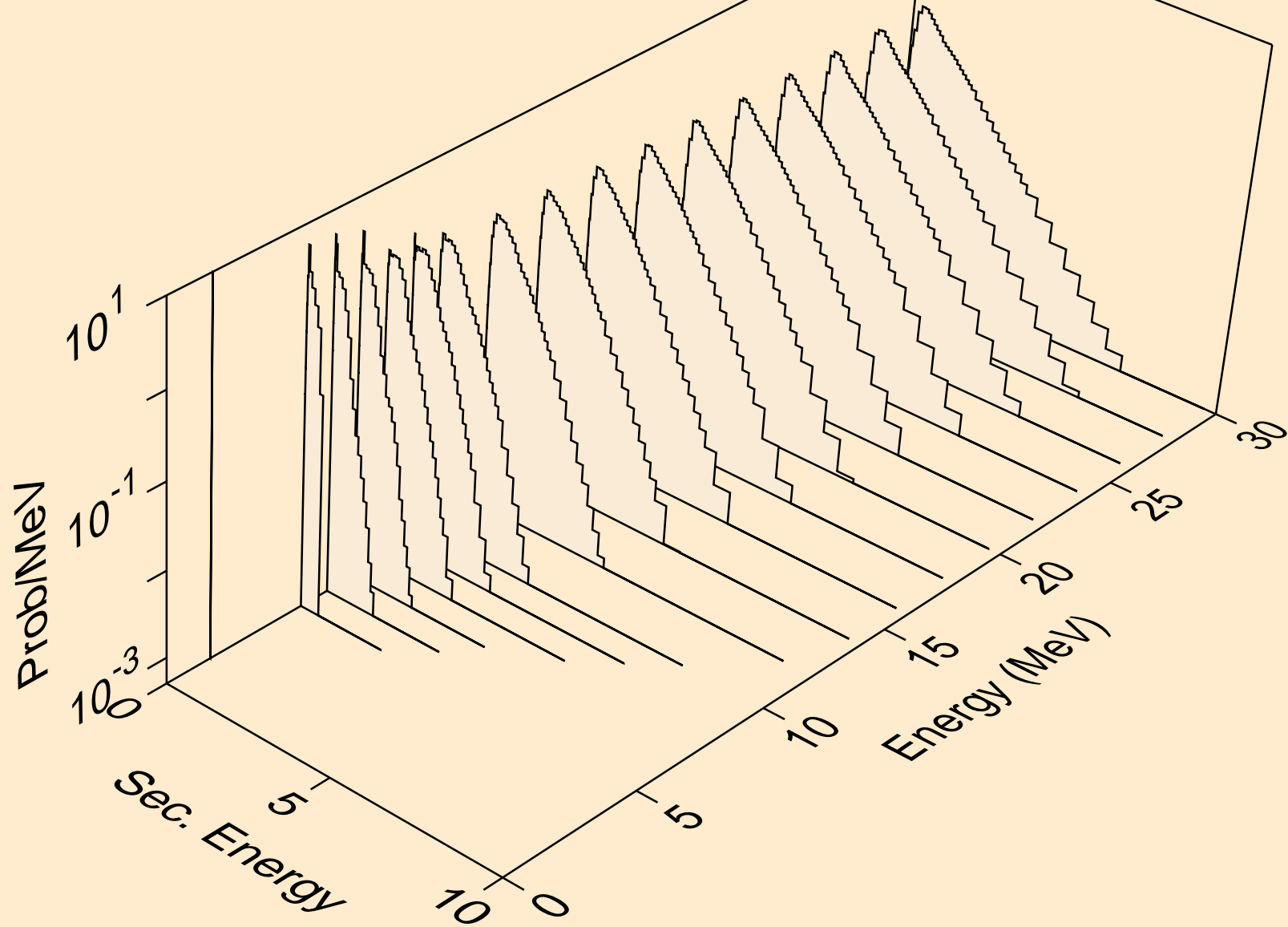
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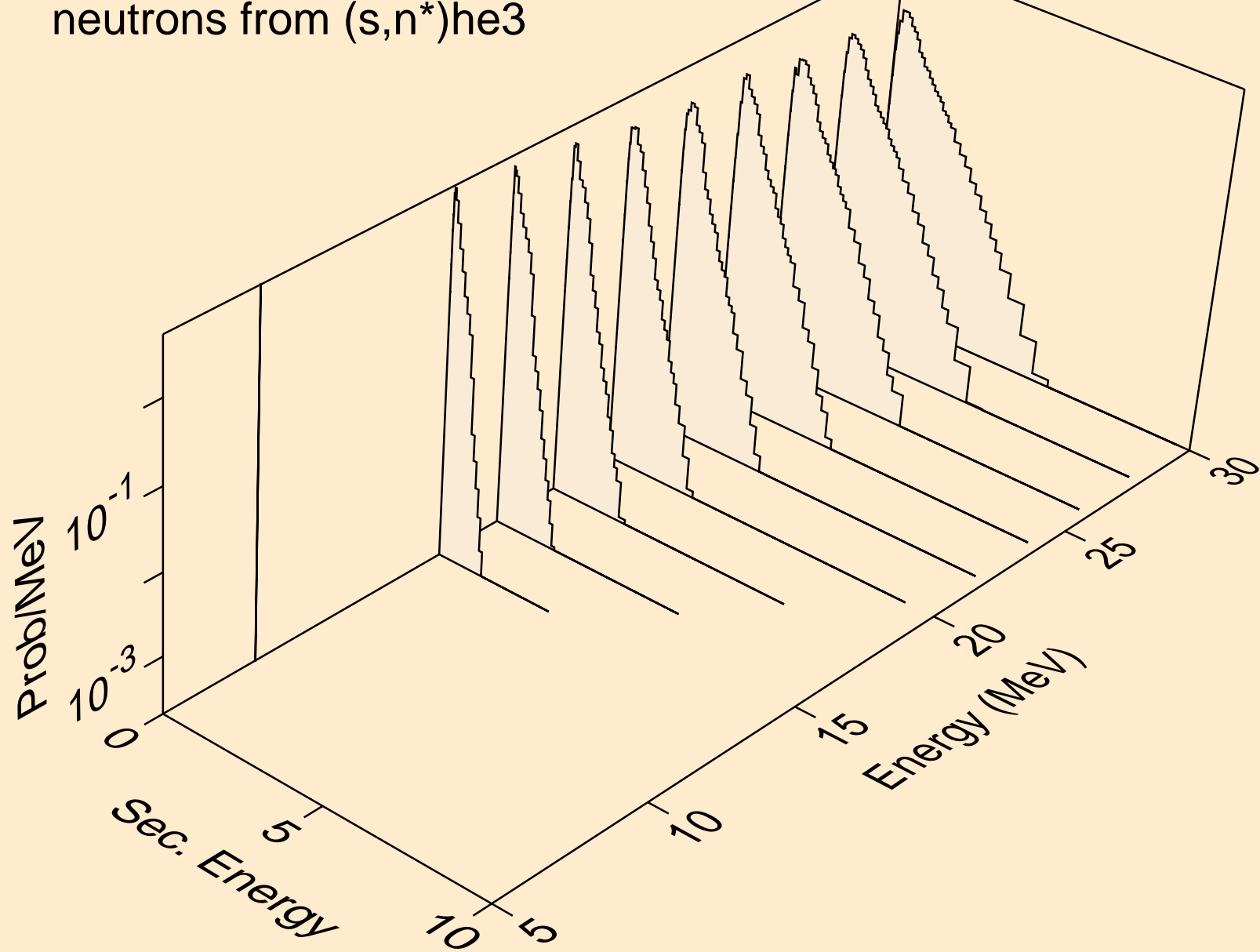
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neutrons from (s,n\*)d



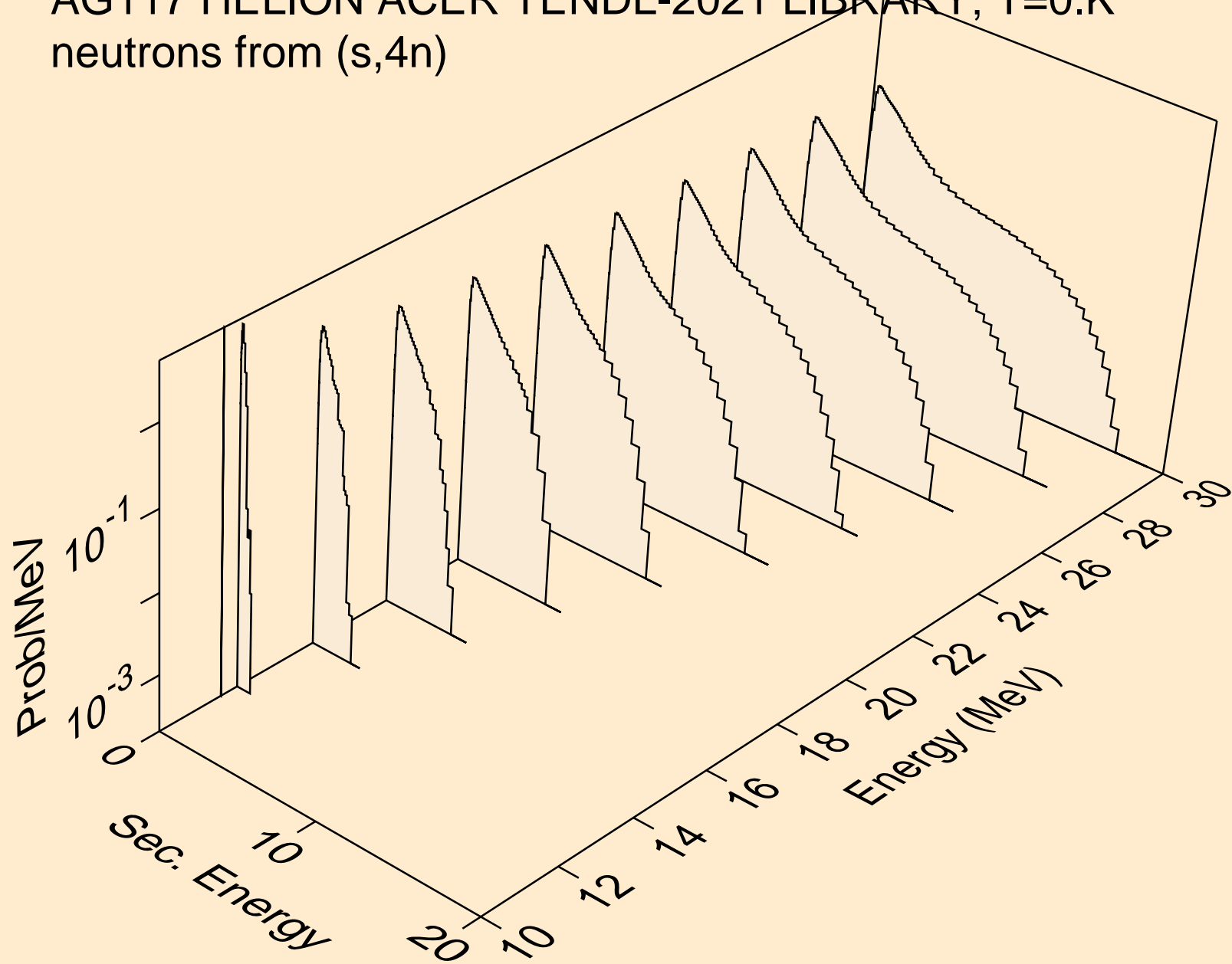
AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)t



AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)he3

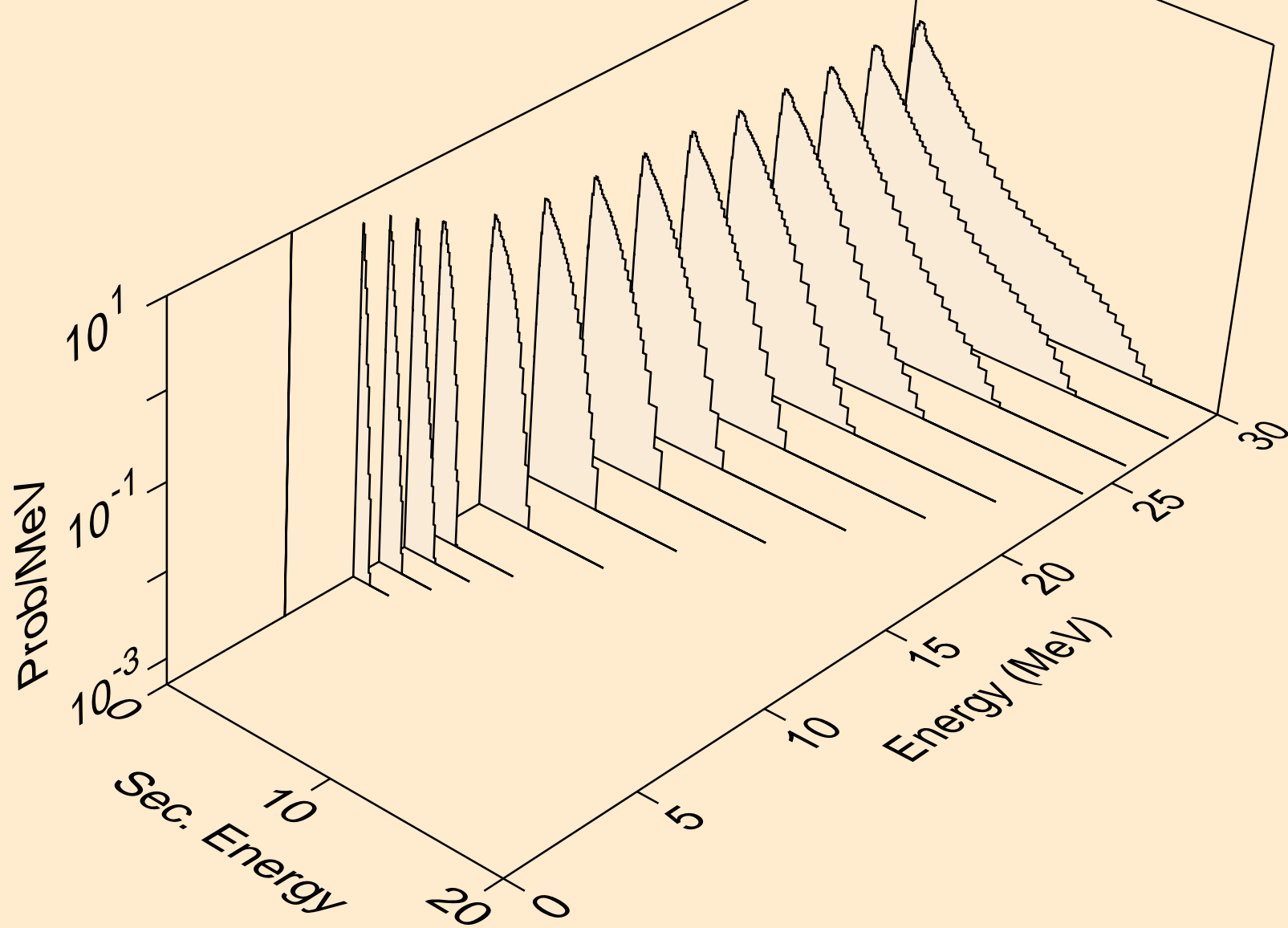


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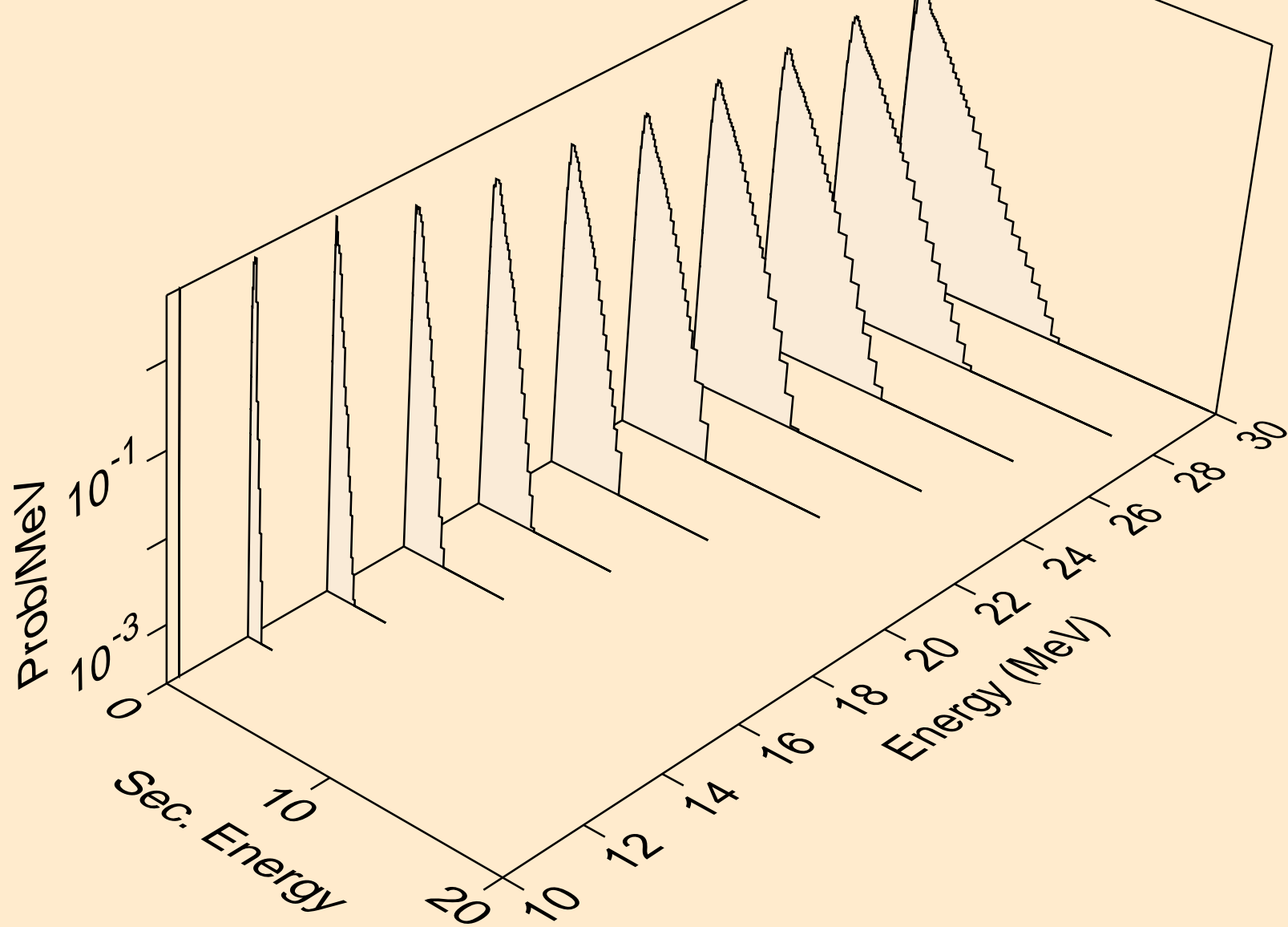




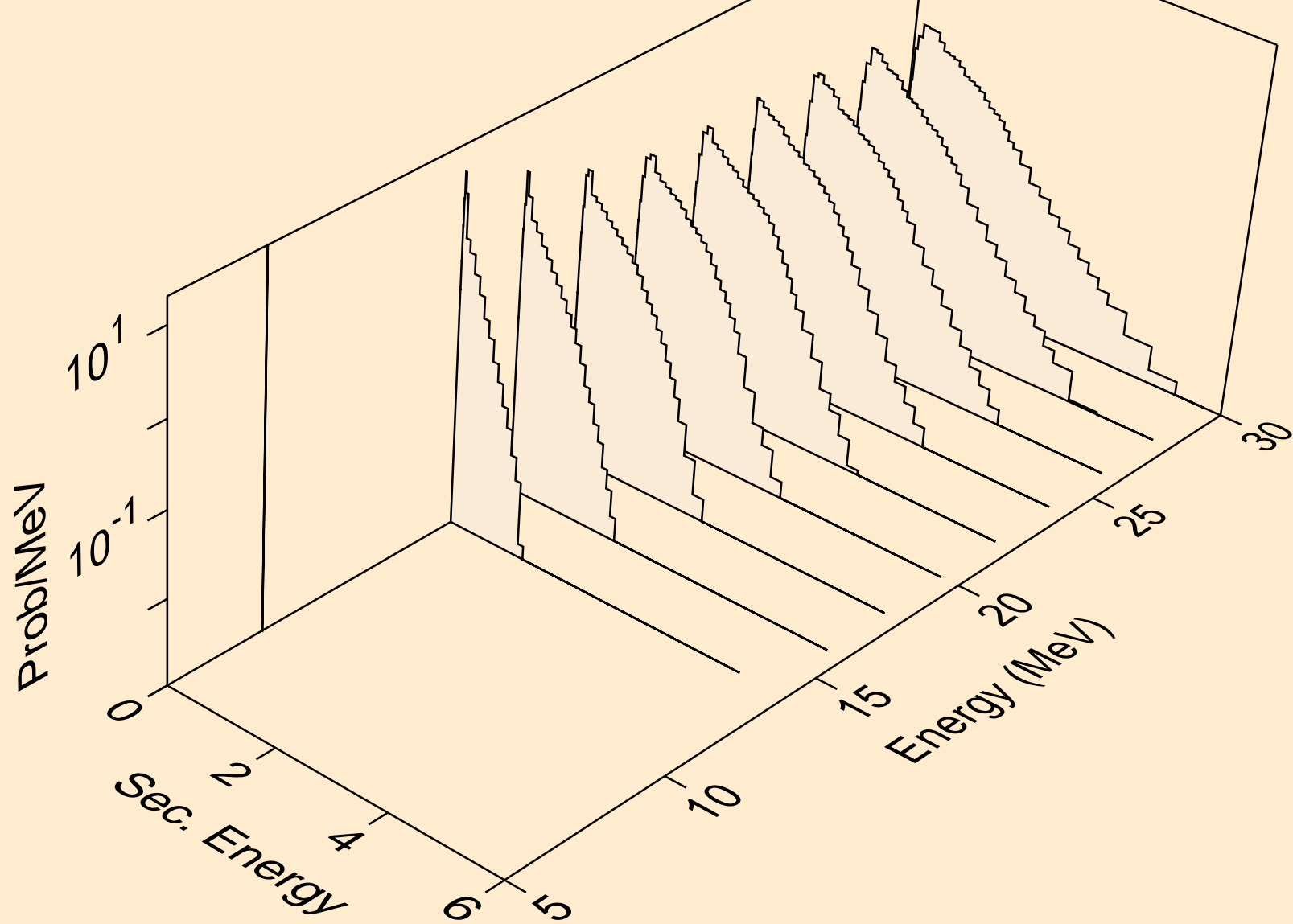
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neutrons from (s,2np)



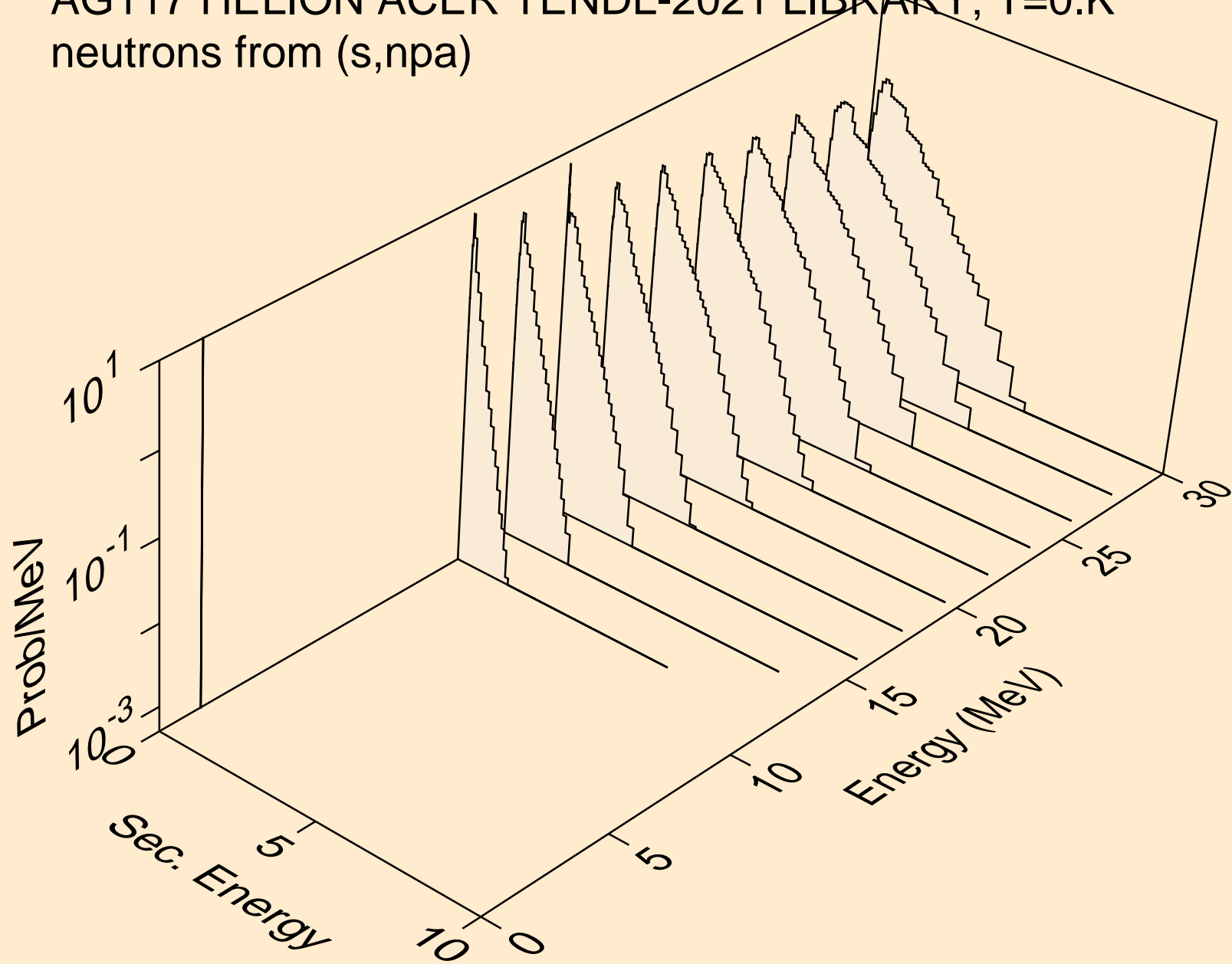
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neutrons from (s,3np)



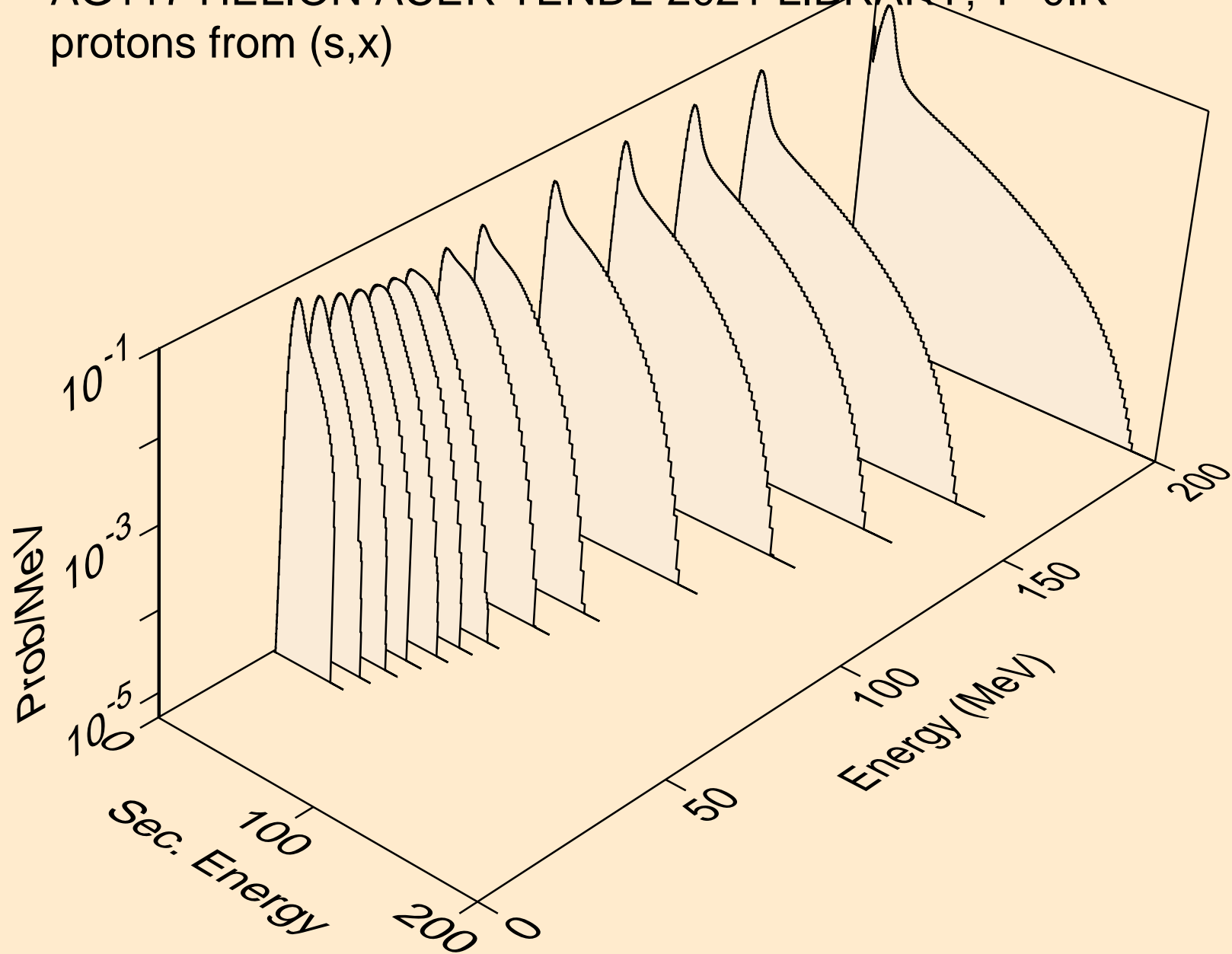
AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2np)



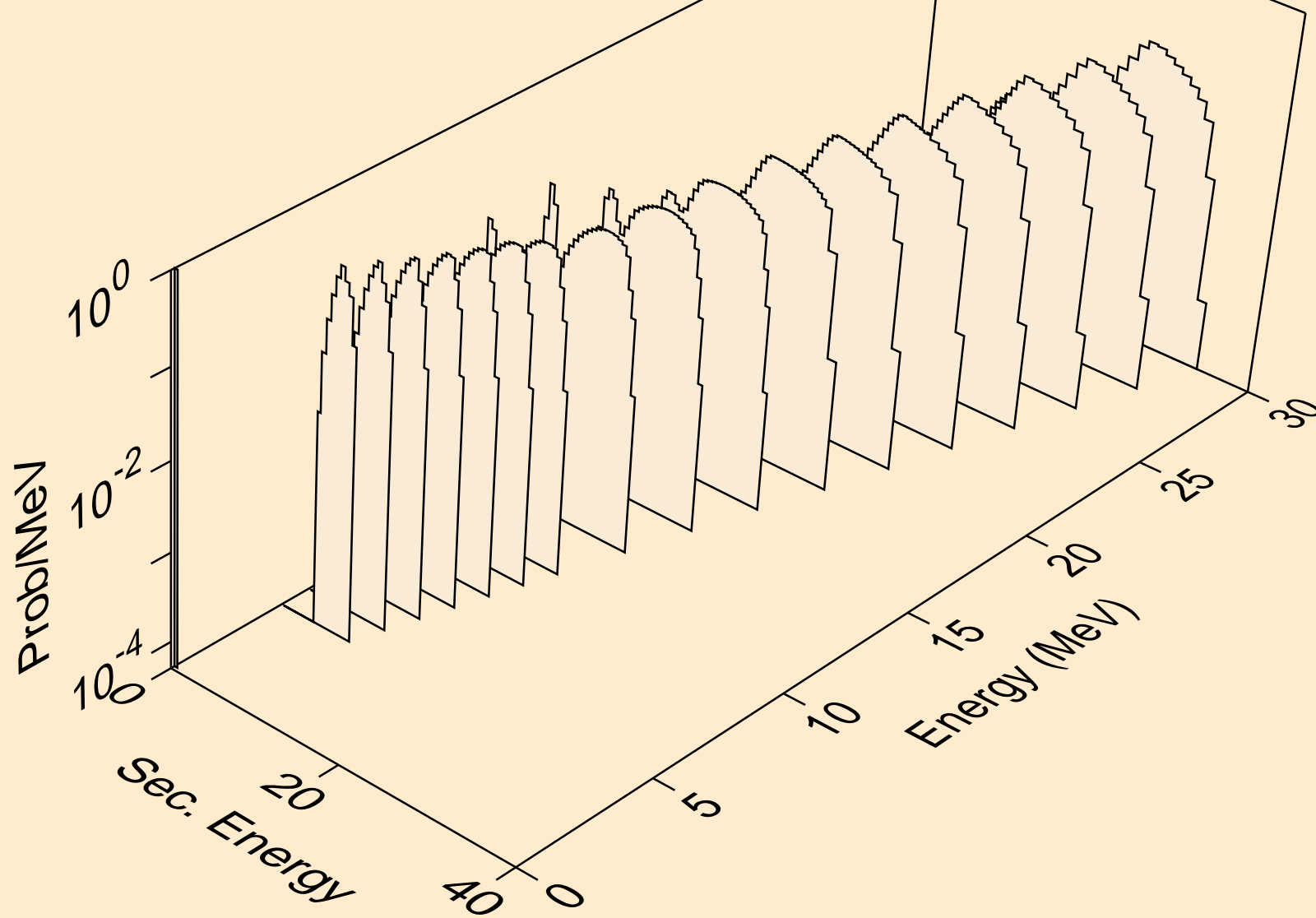
AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,npa)



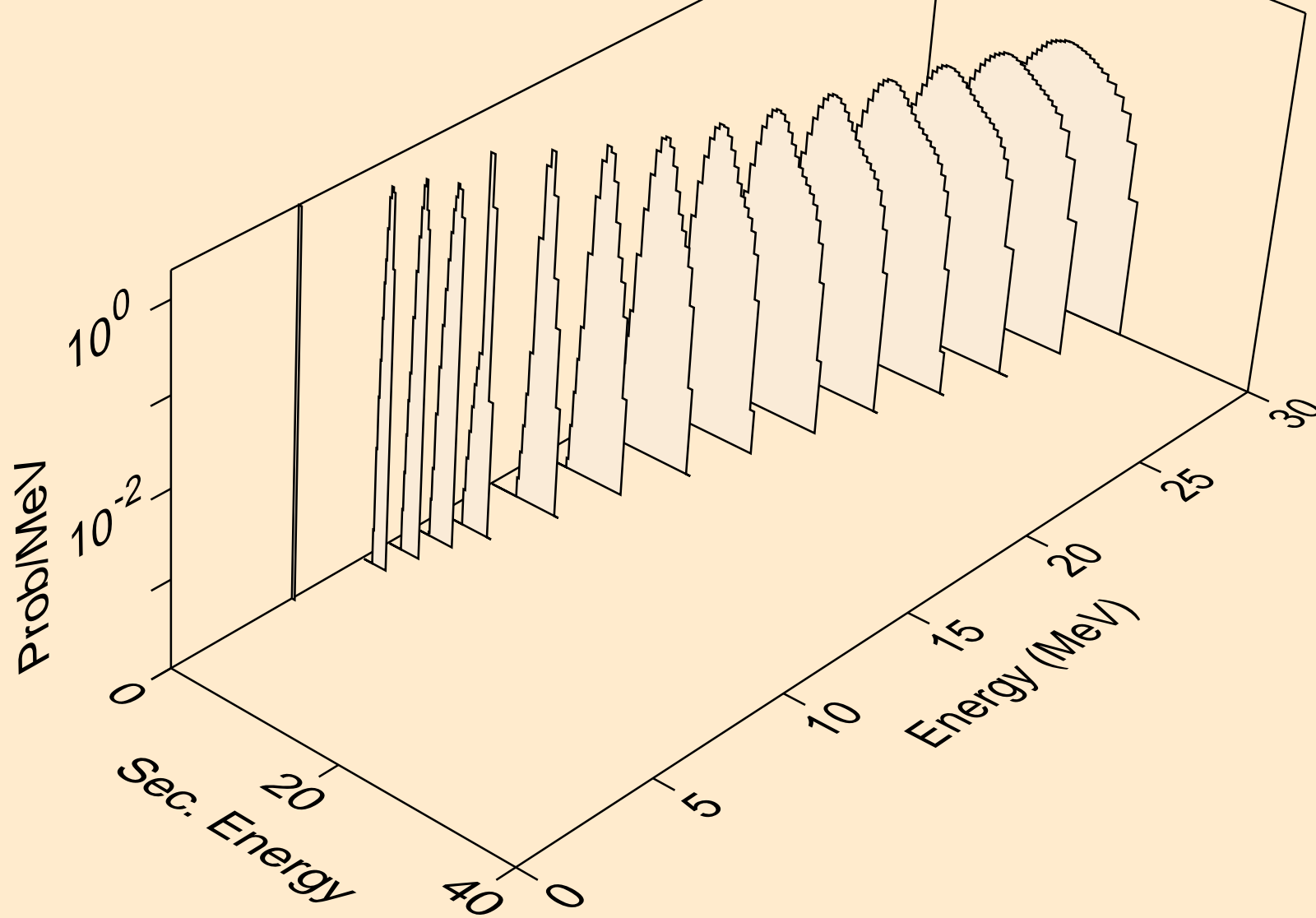
AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,x)



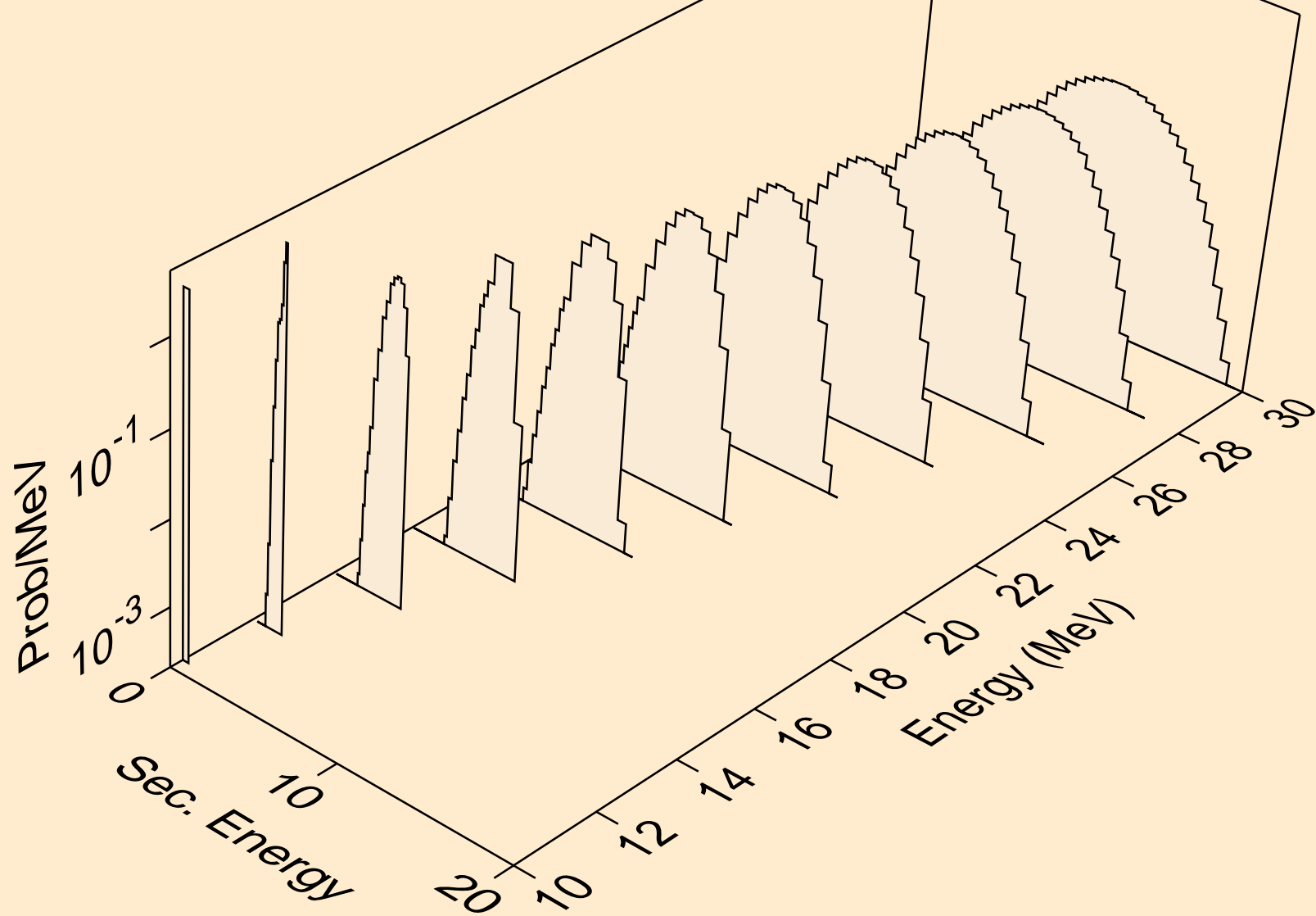
AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,n\*)p



AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2np)

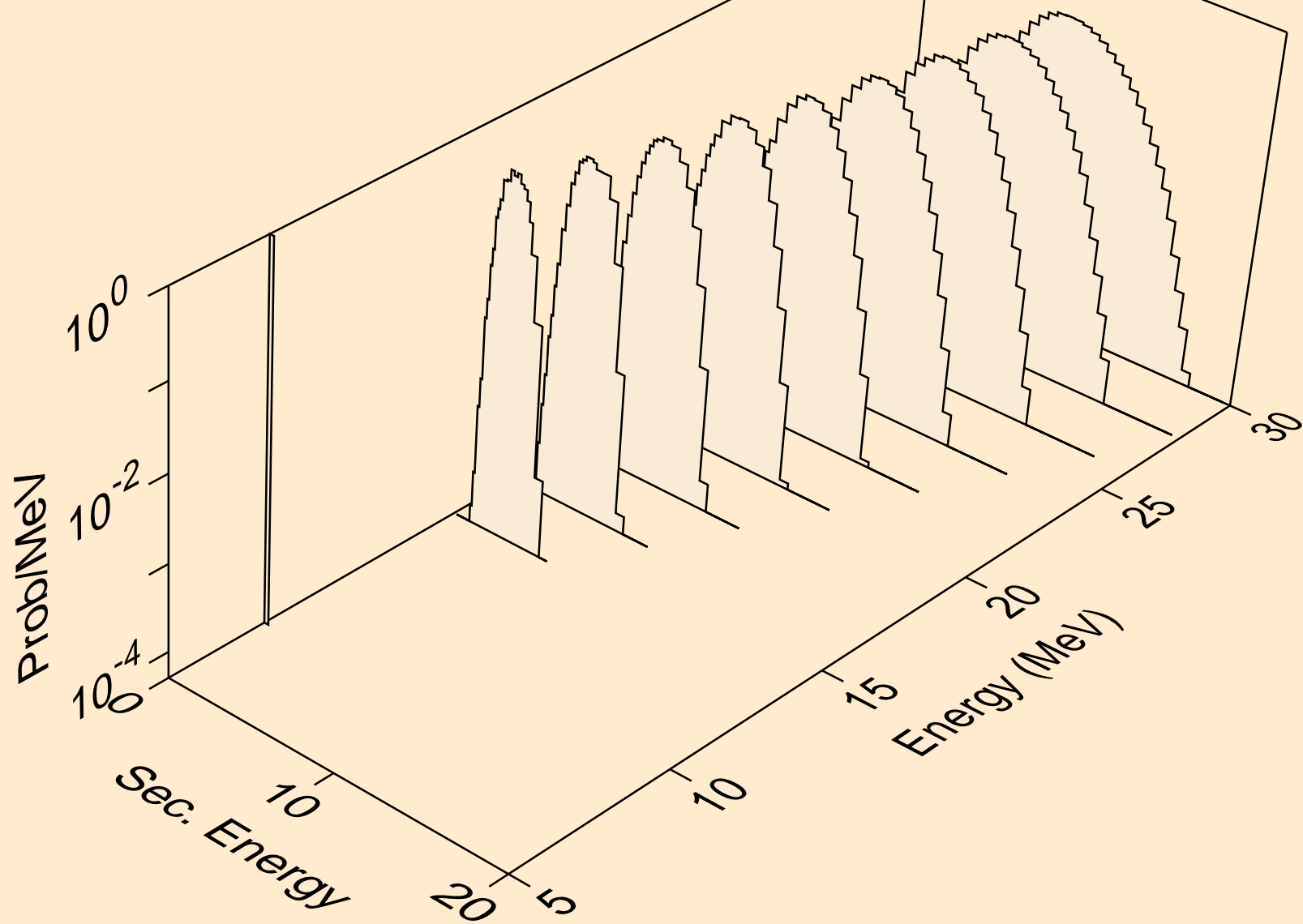


AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,3np)

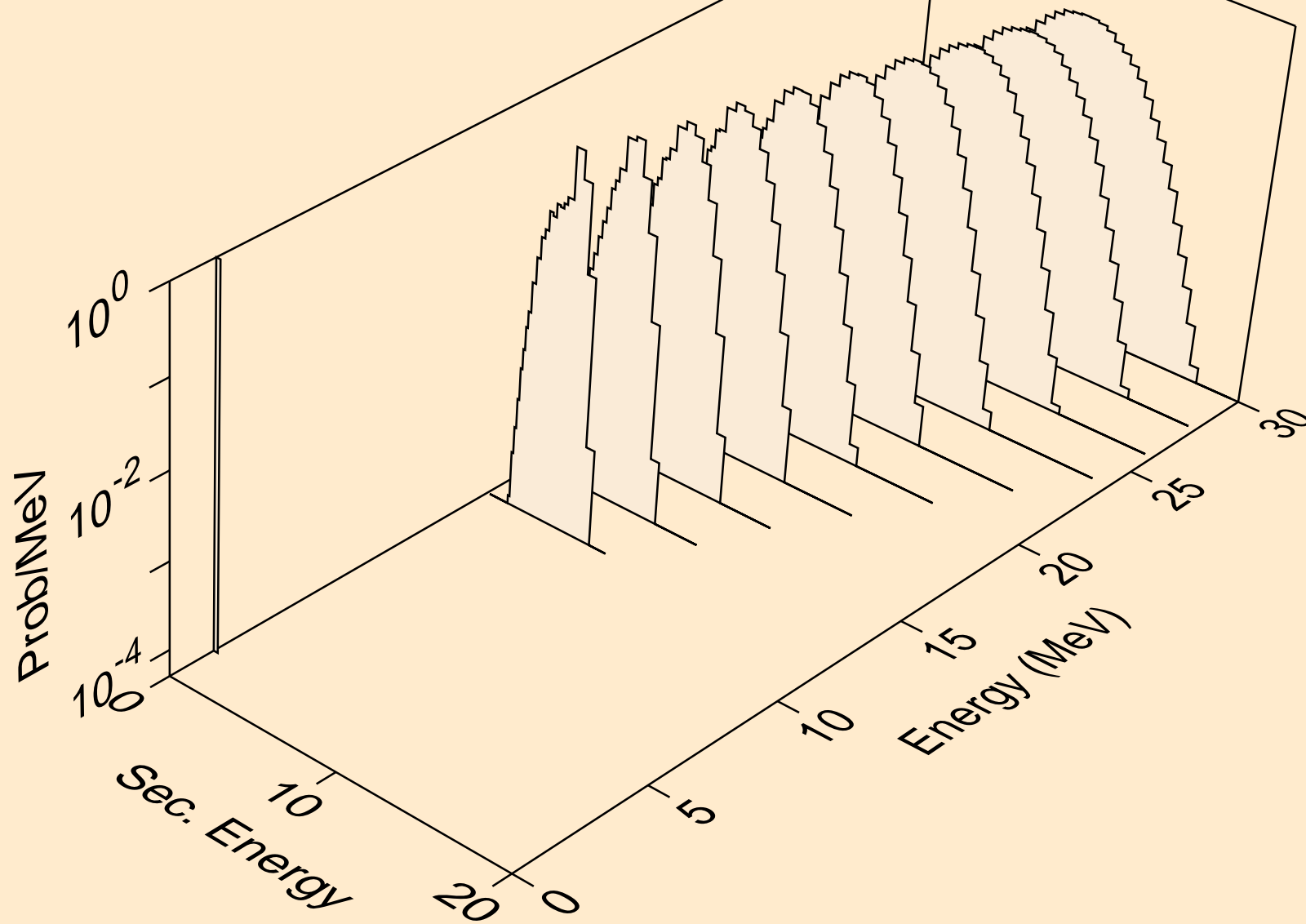




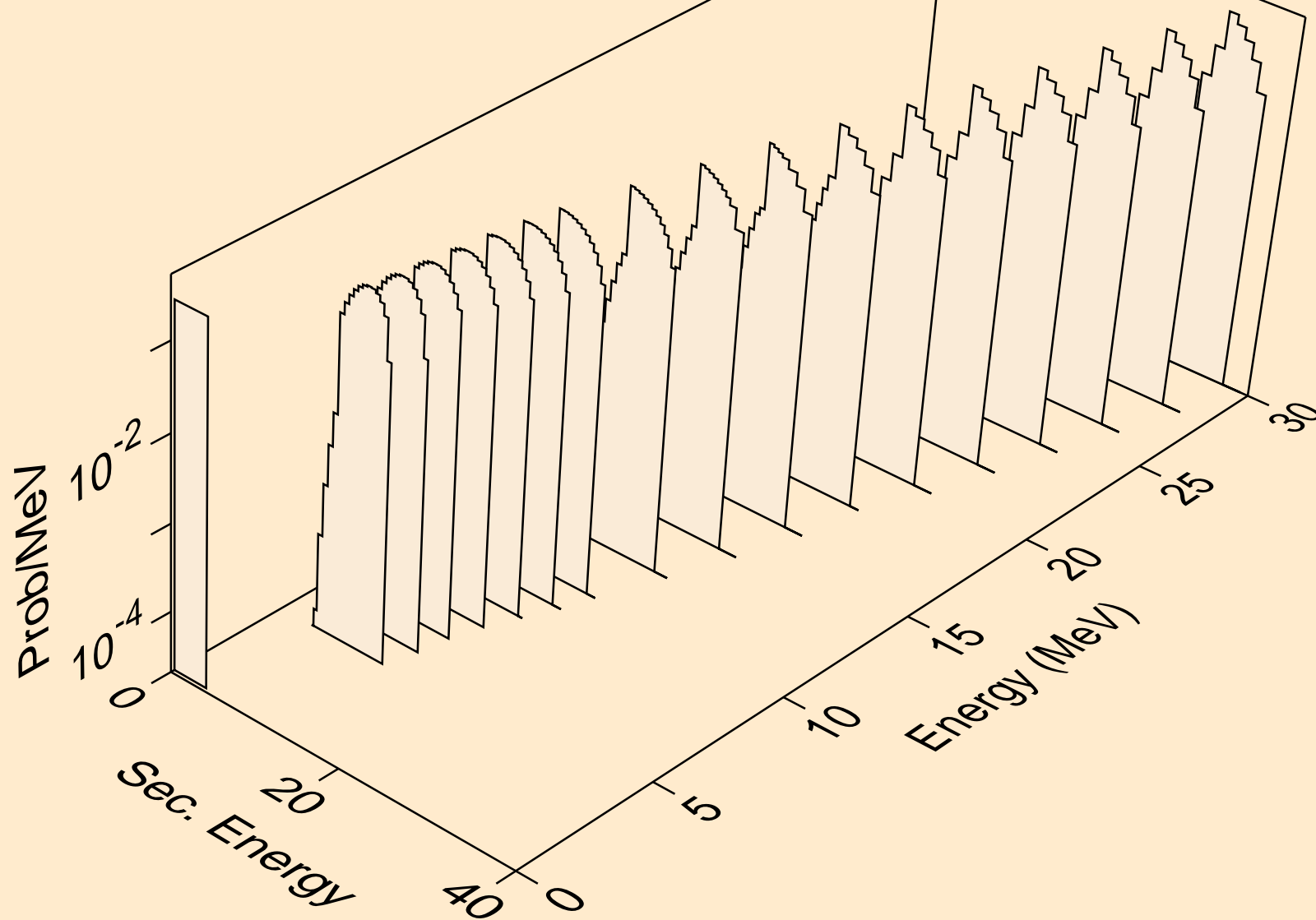
AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2np)



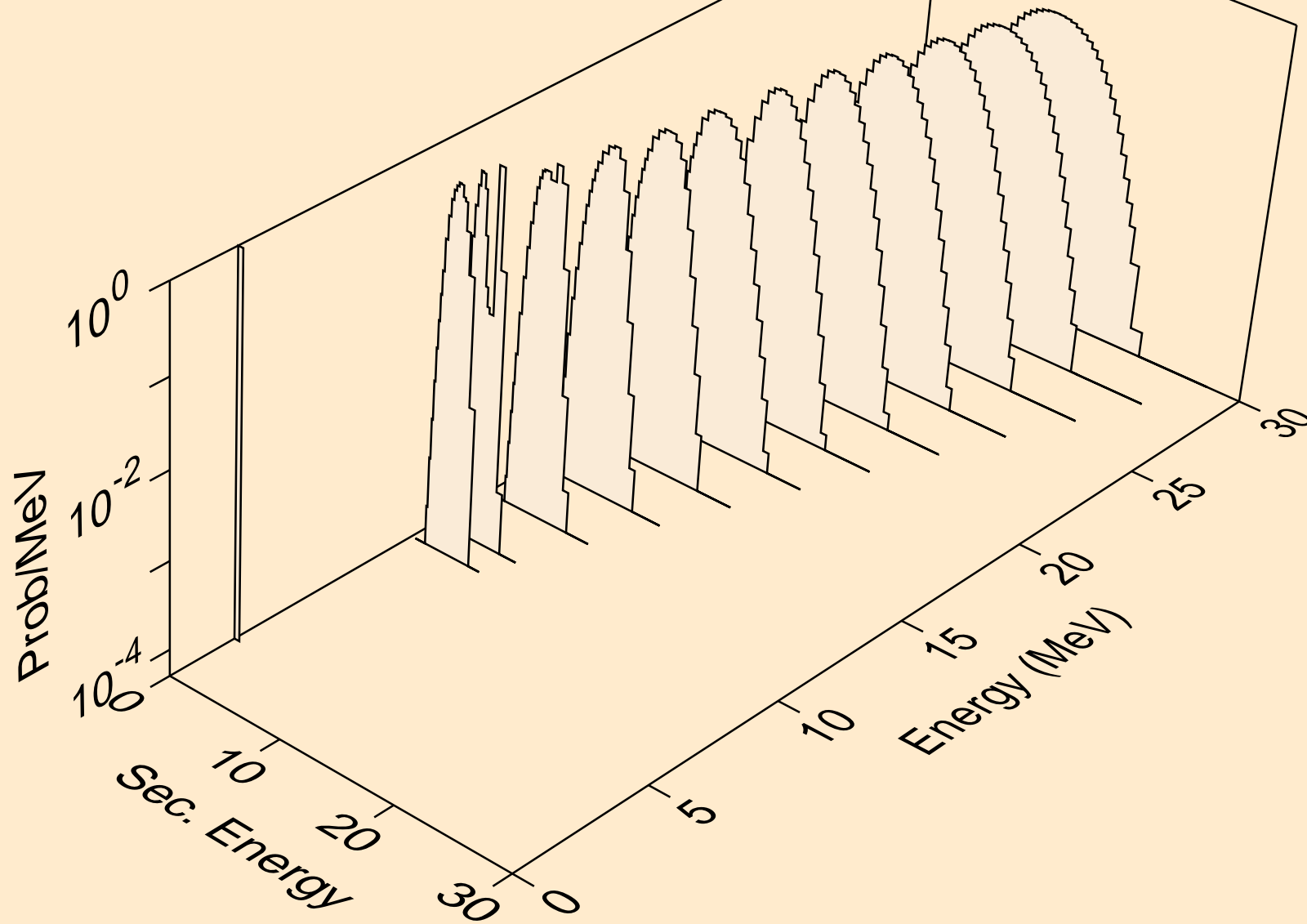
AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,npa)



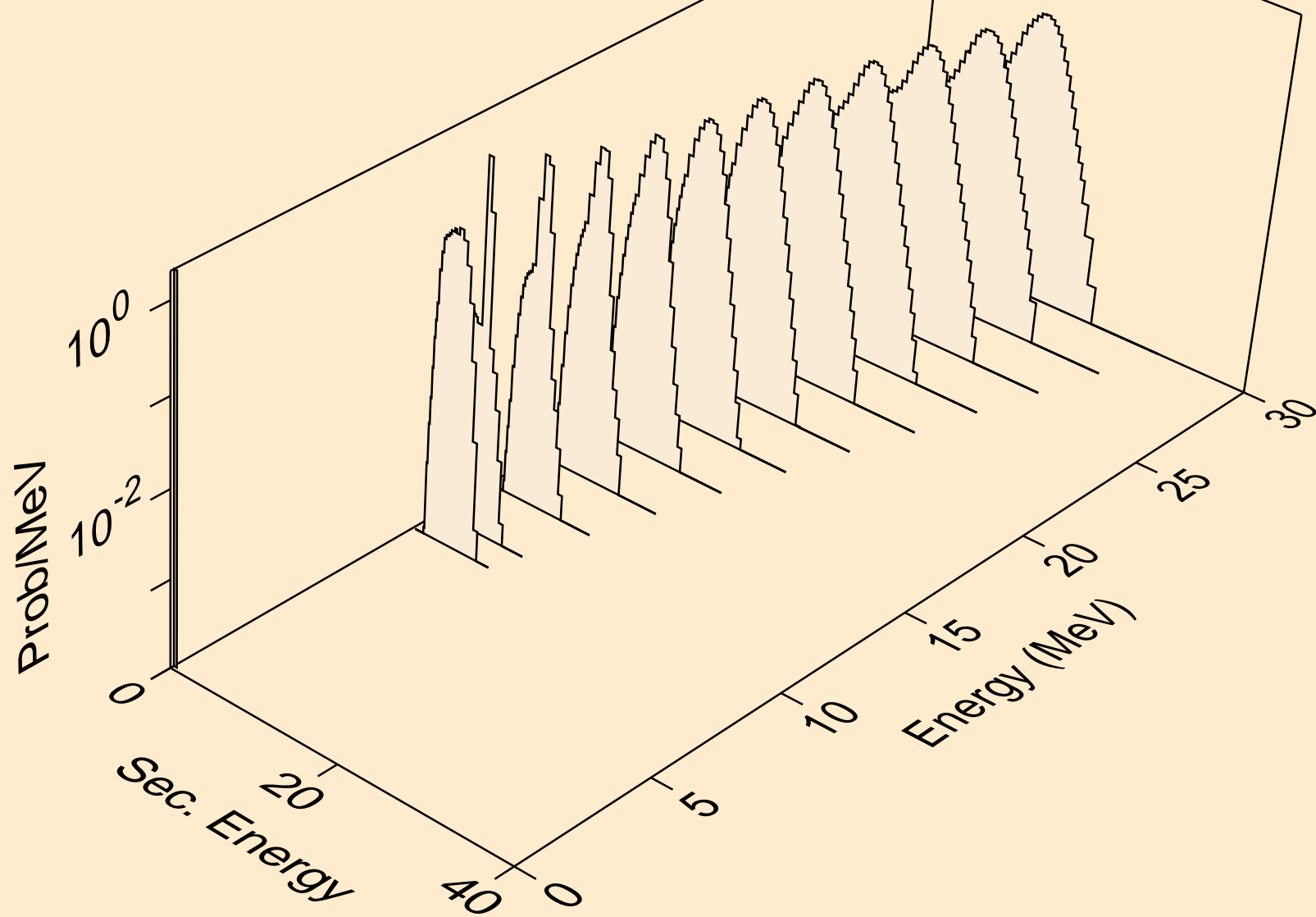
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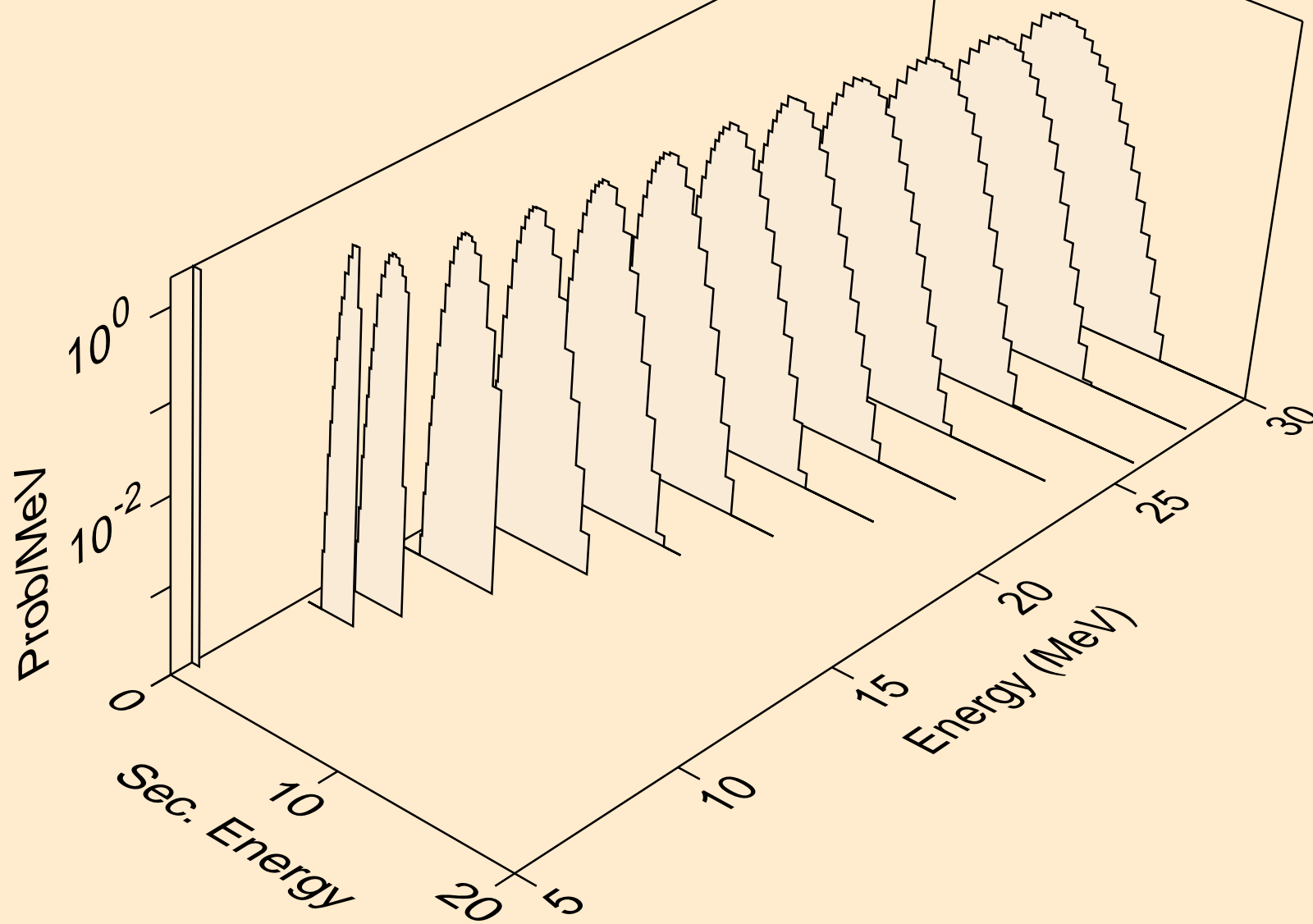
AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2p)



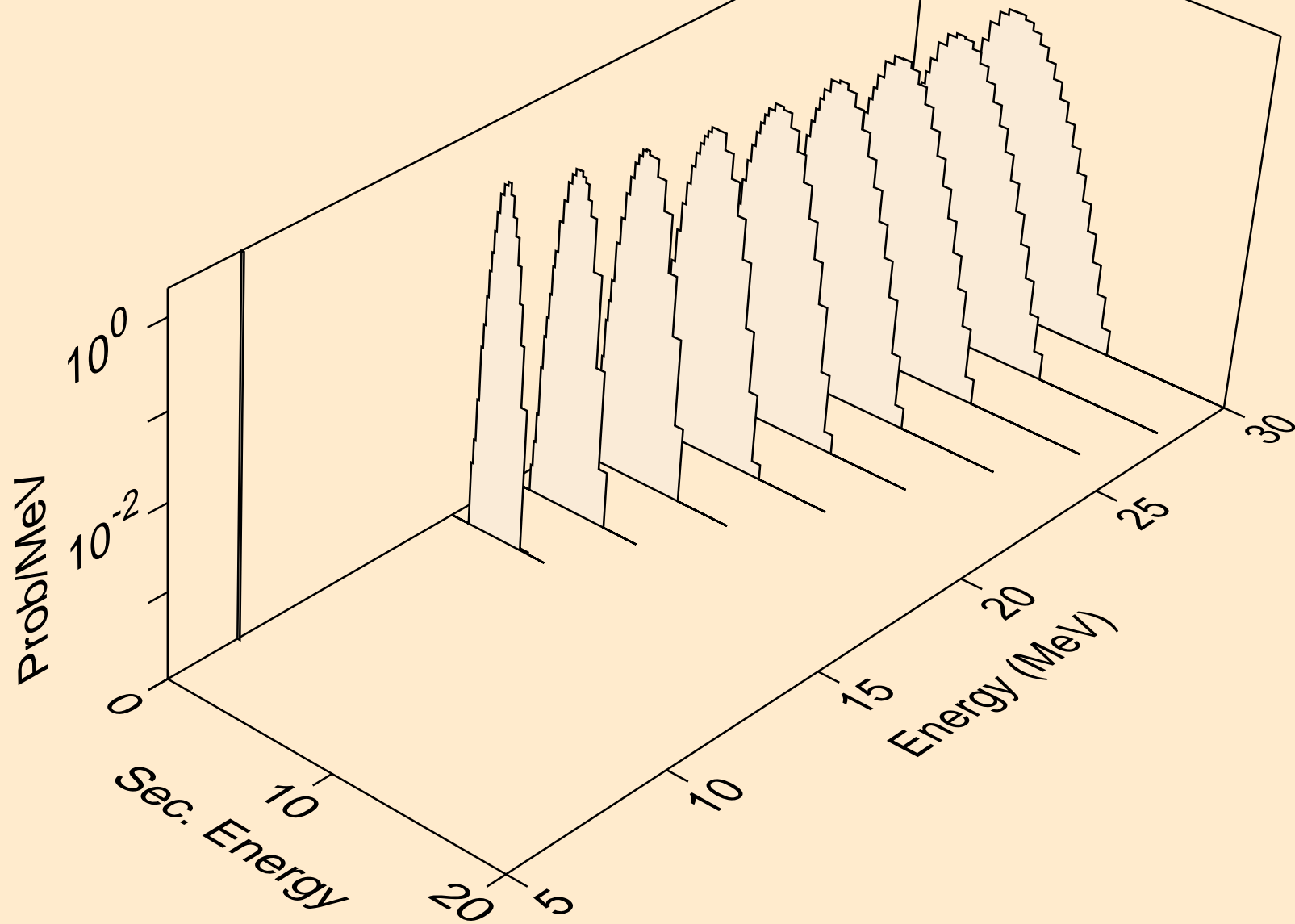
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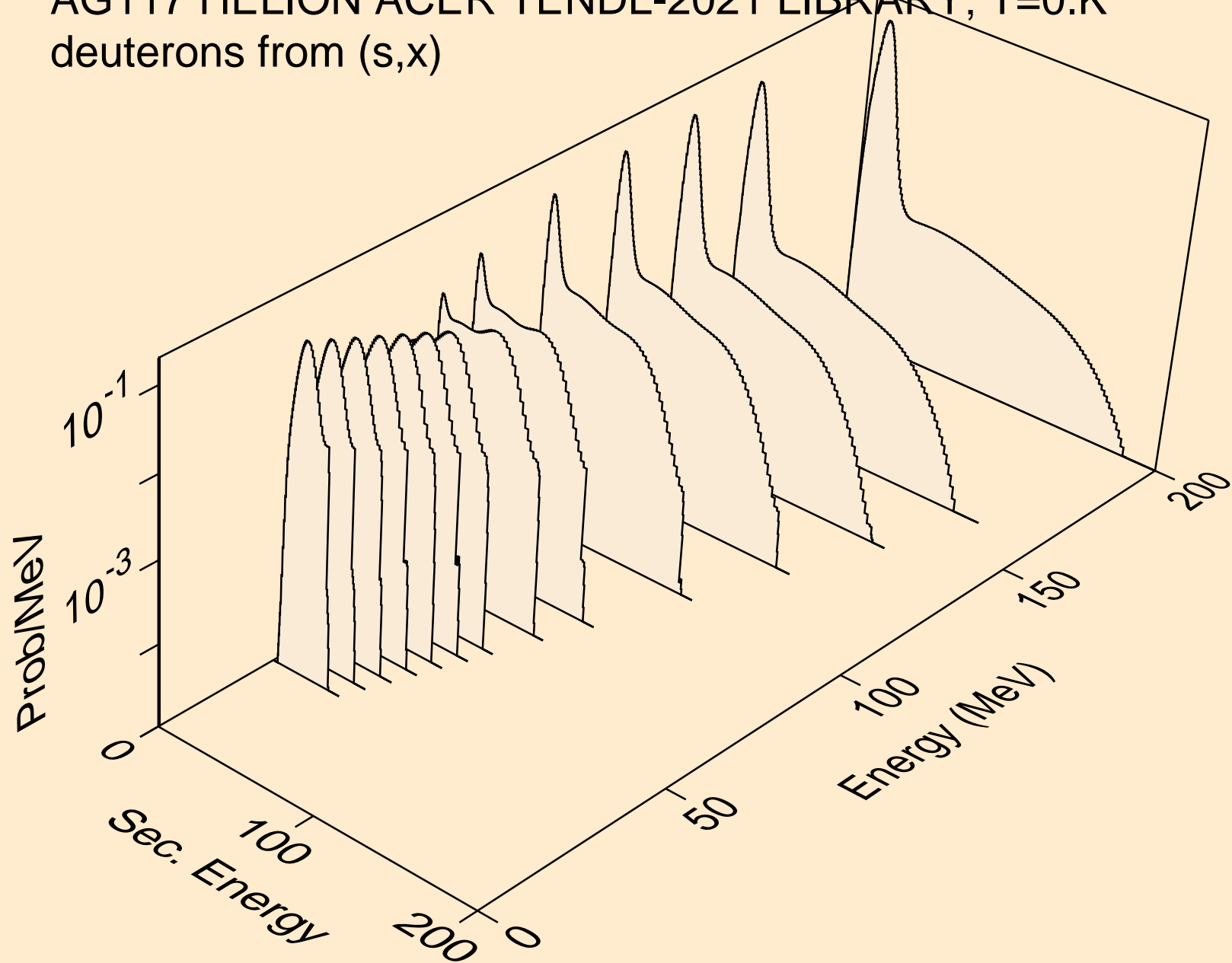
AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pd)



AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pt)

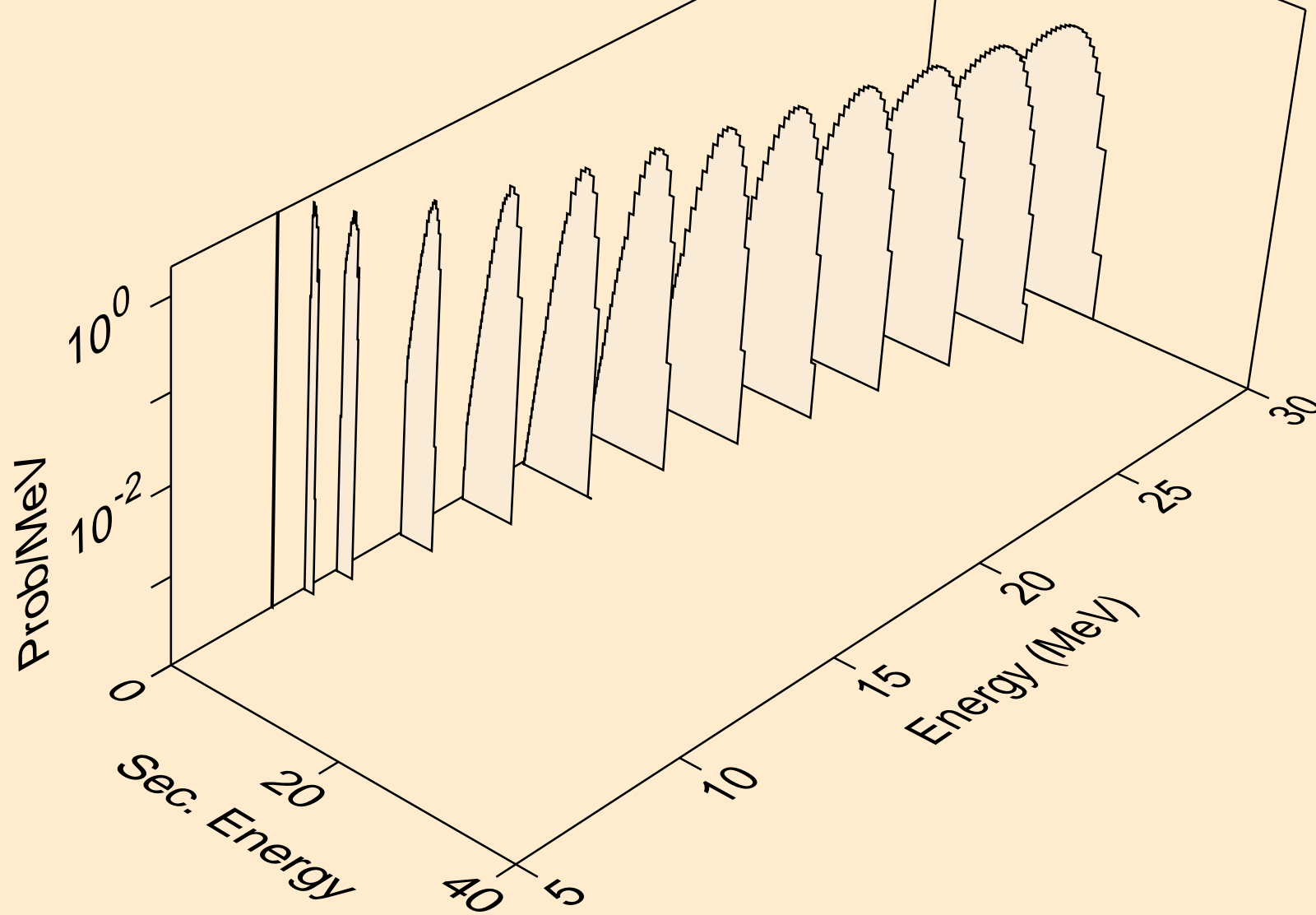


AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K  
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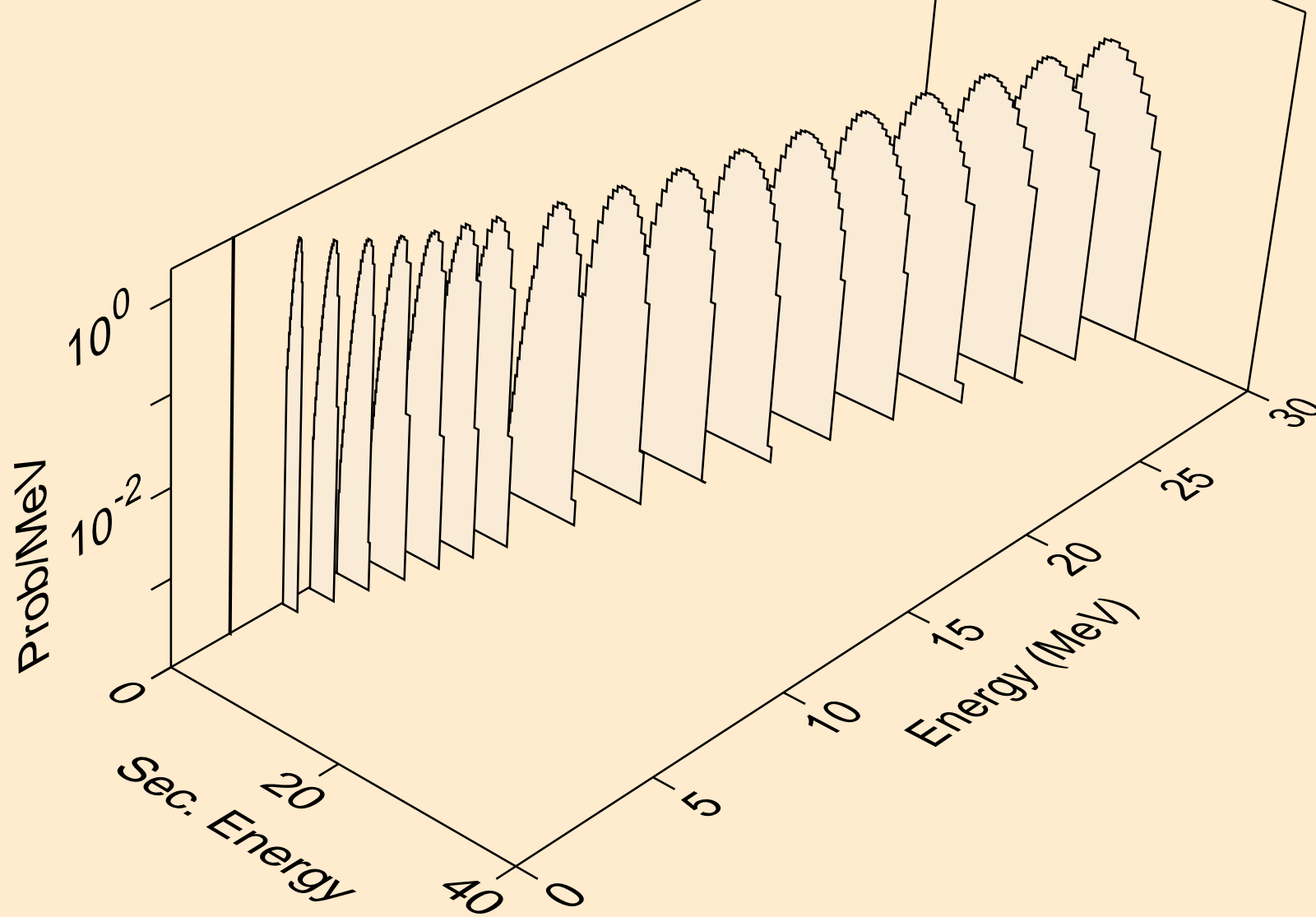




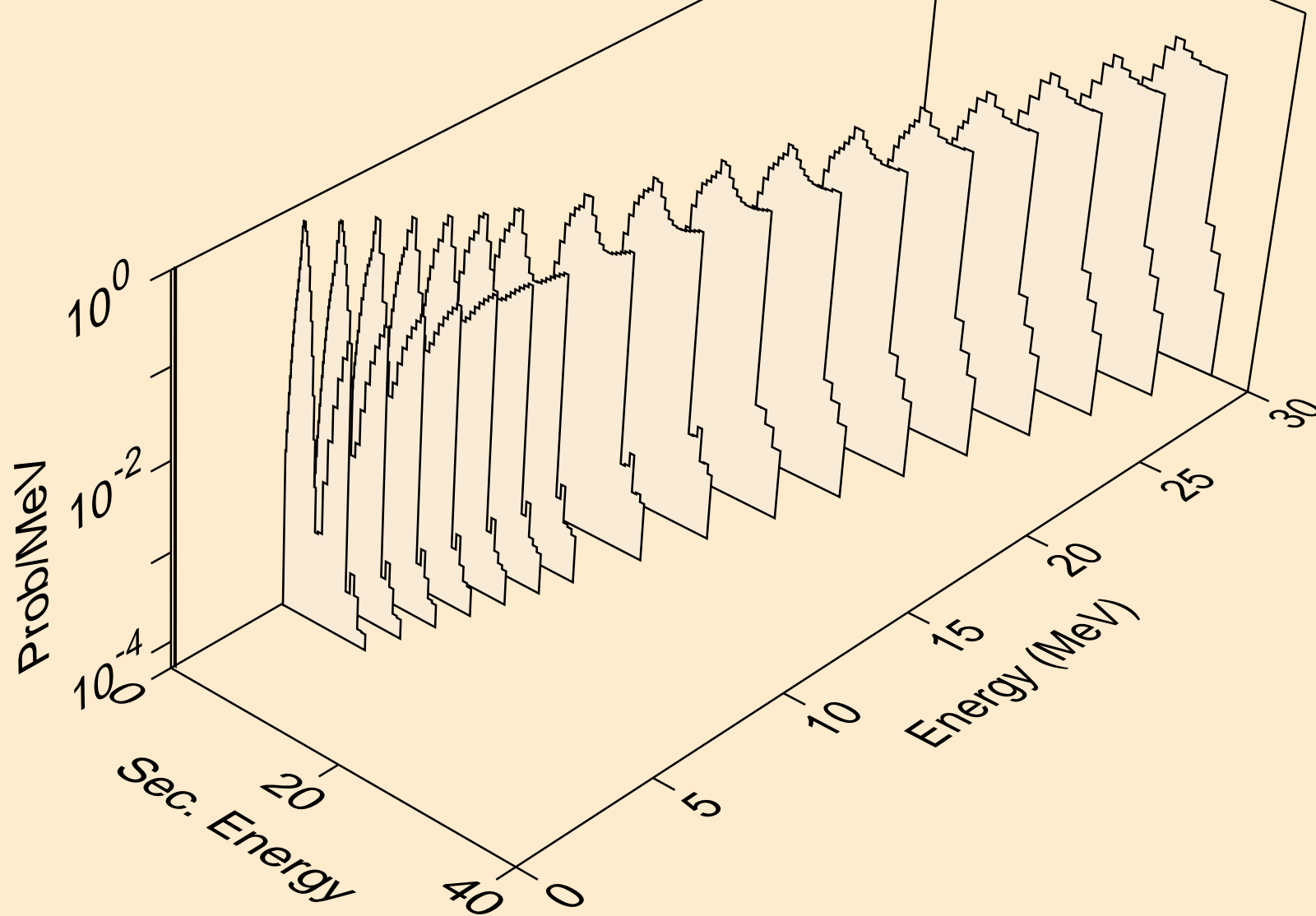
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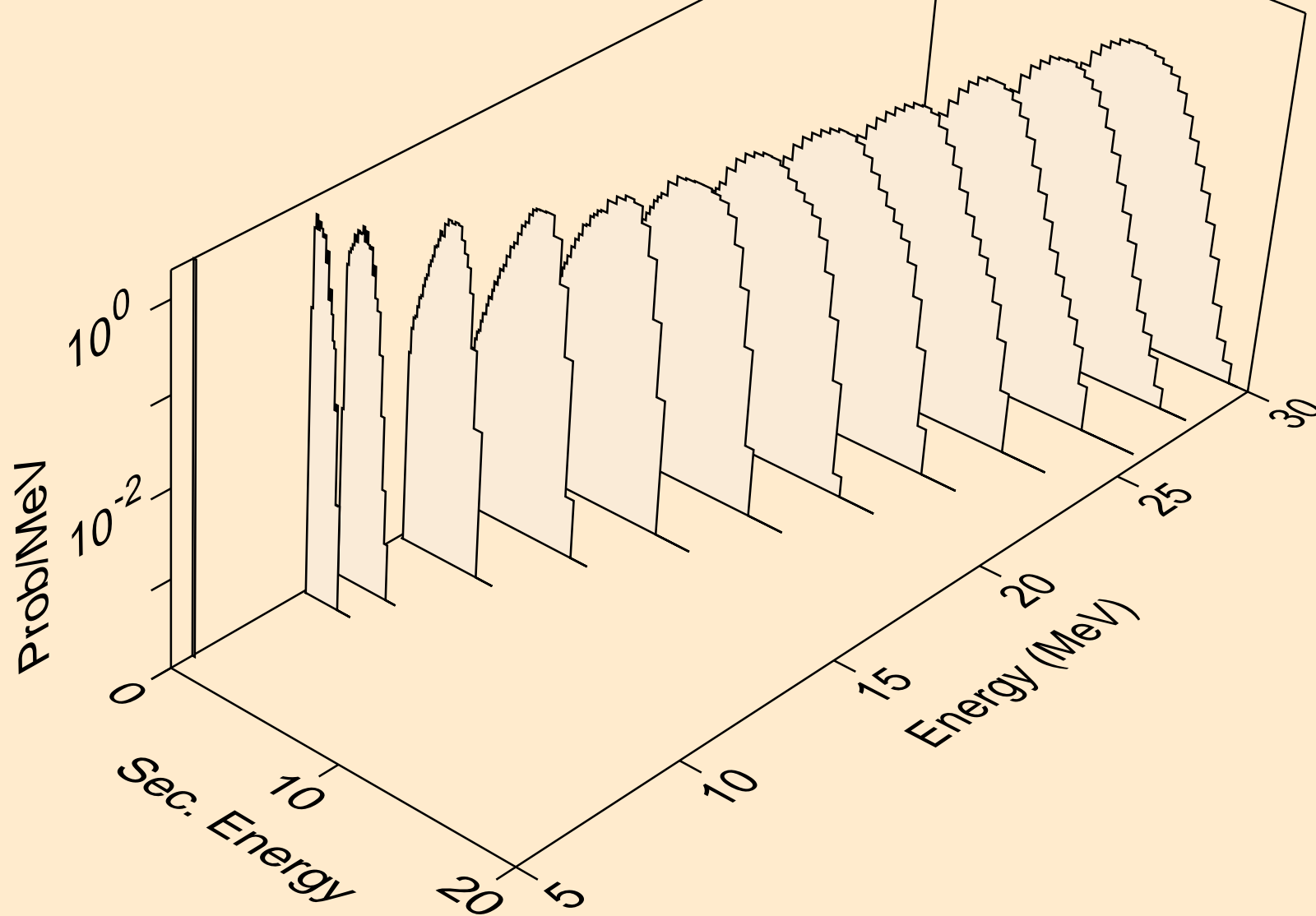
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deuterons from (s,n\*)d



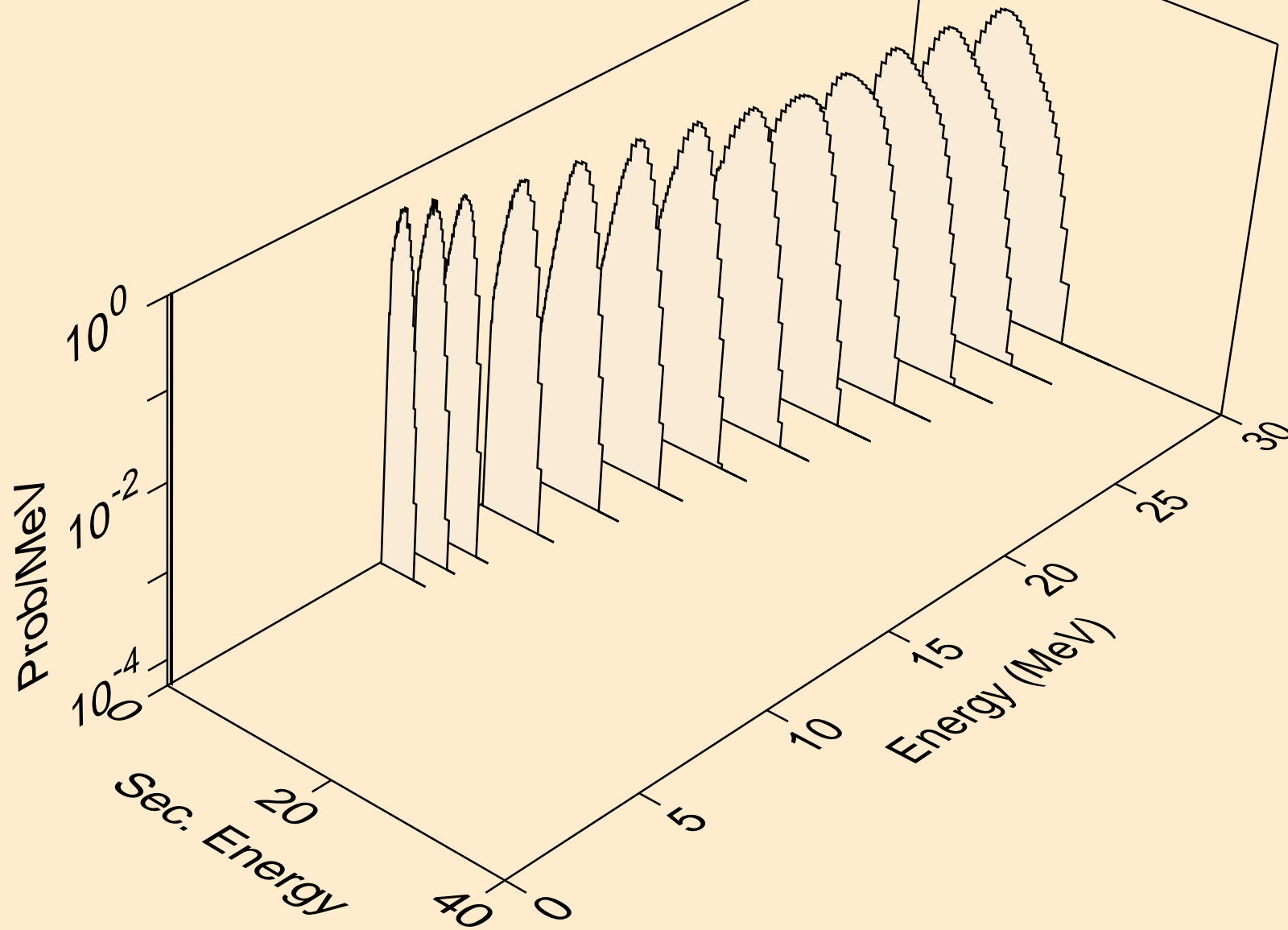
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deuterons from (s,d)



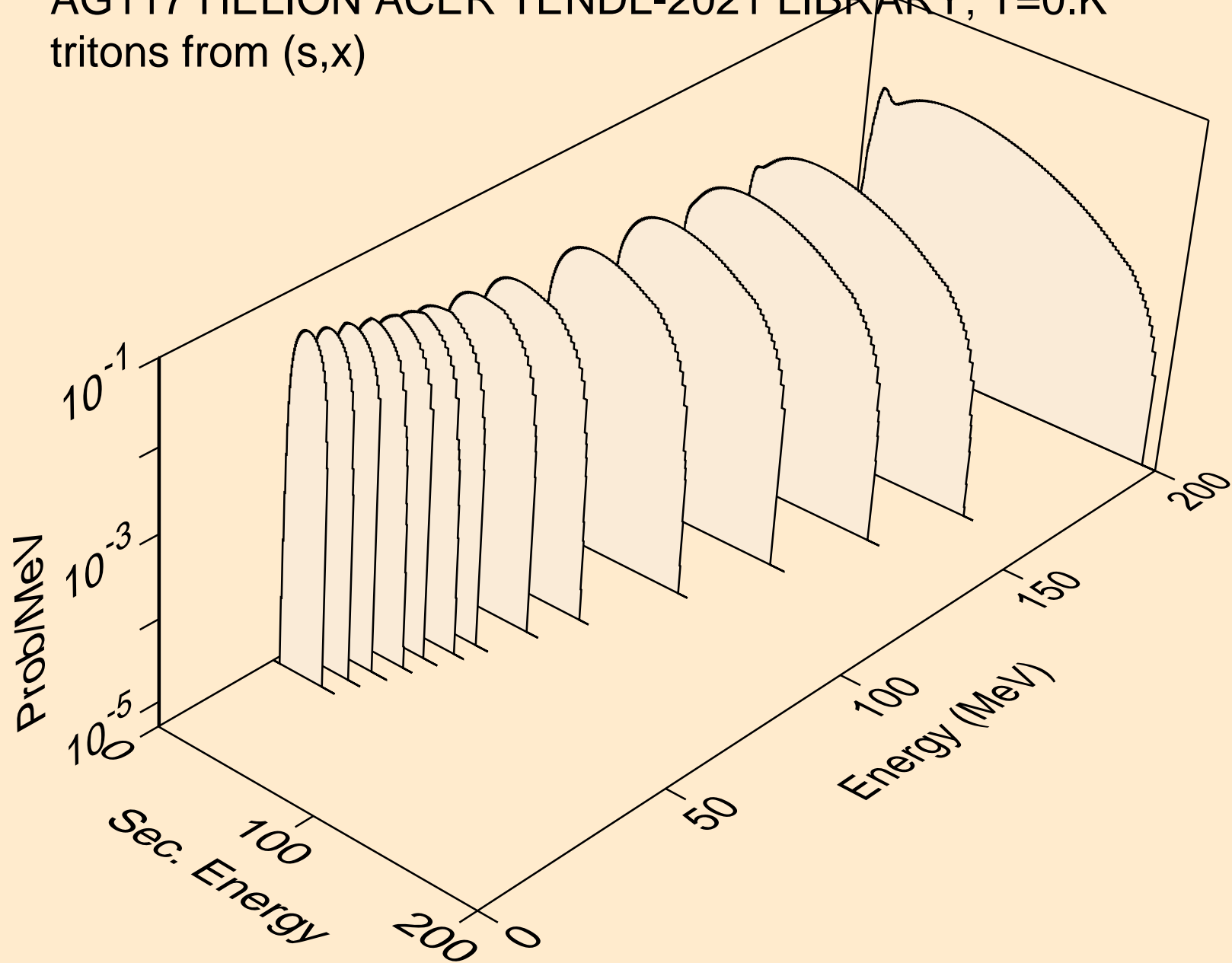
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deuterons from (s,pd)



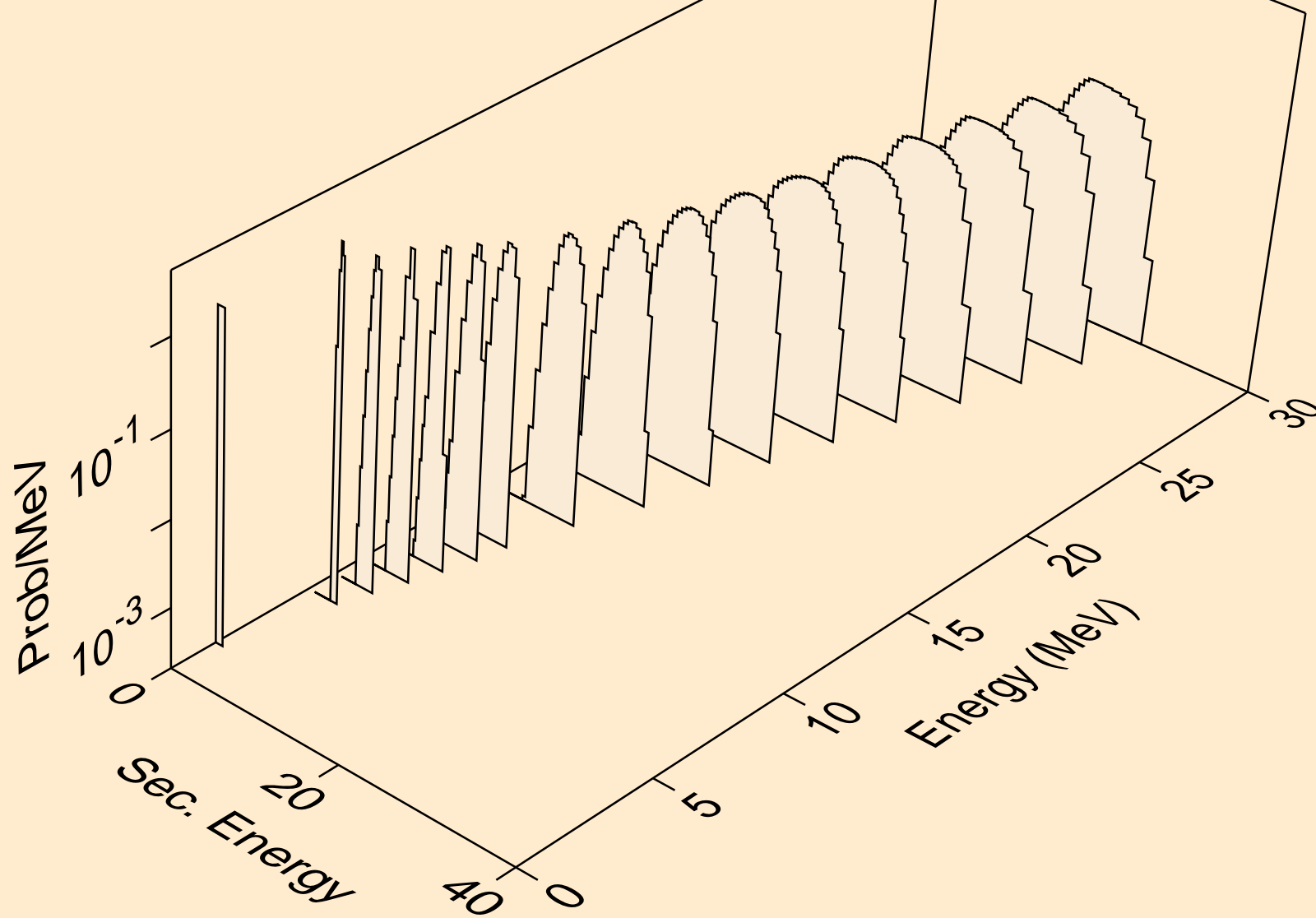
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deuterons from (s,da)



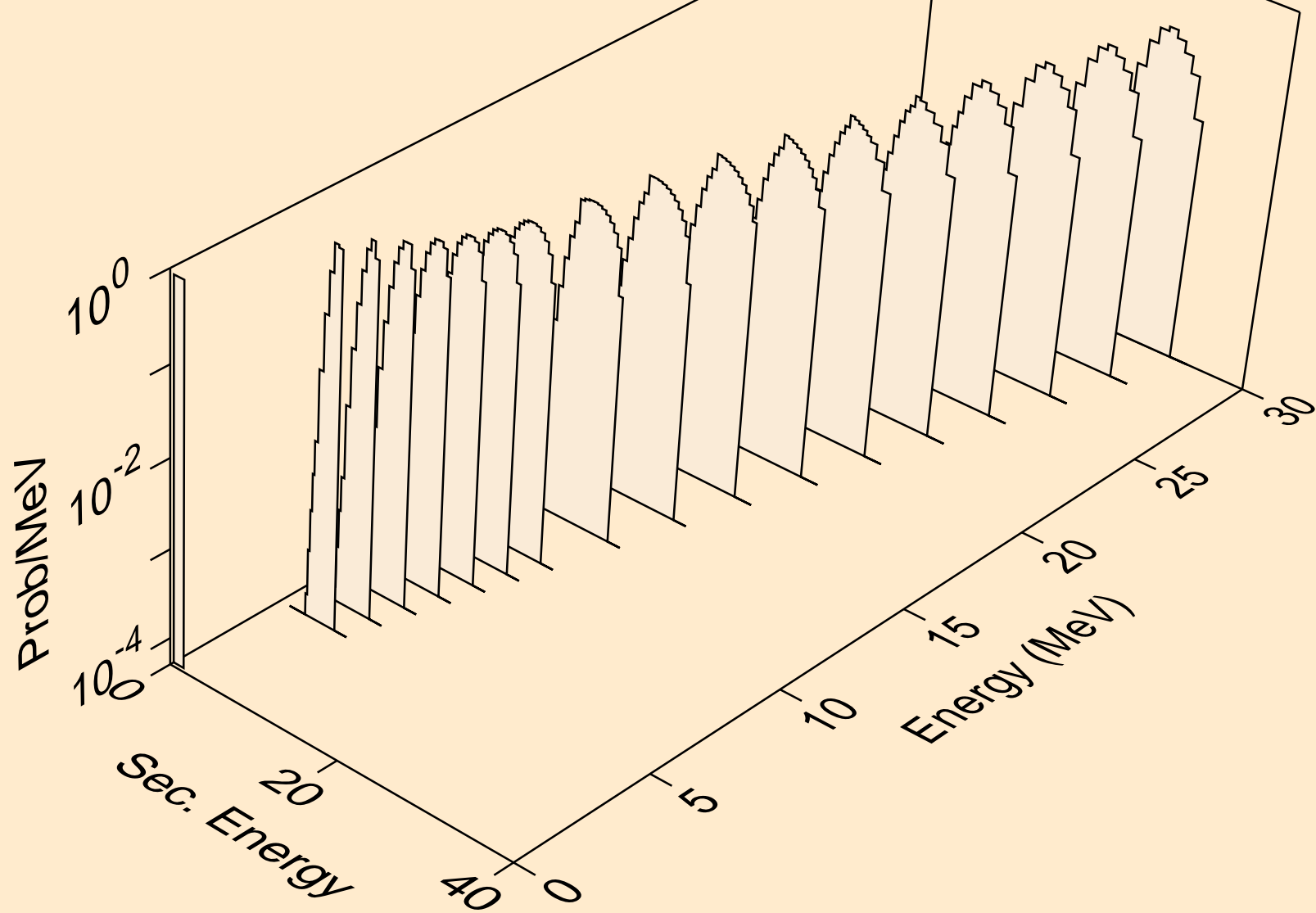
AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,x)



AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,n\*)t

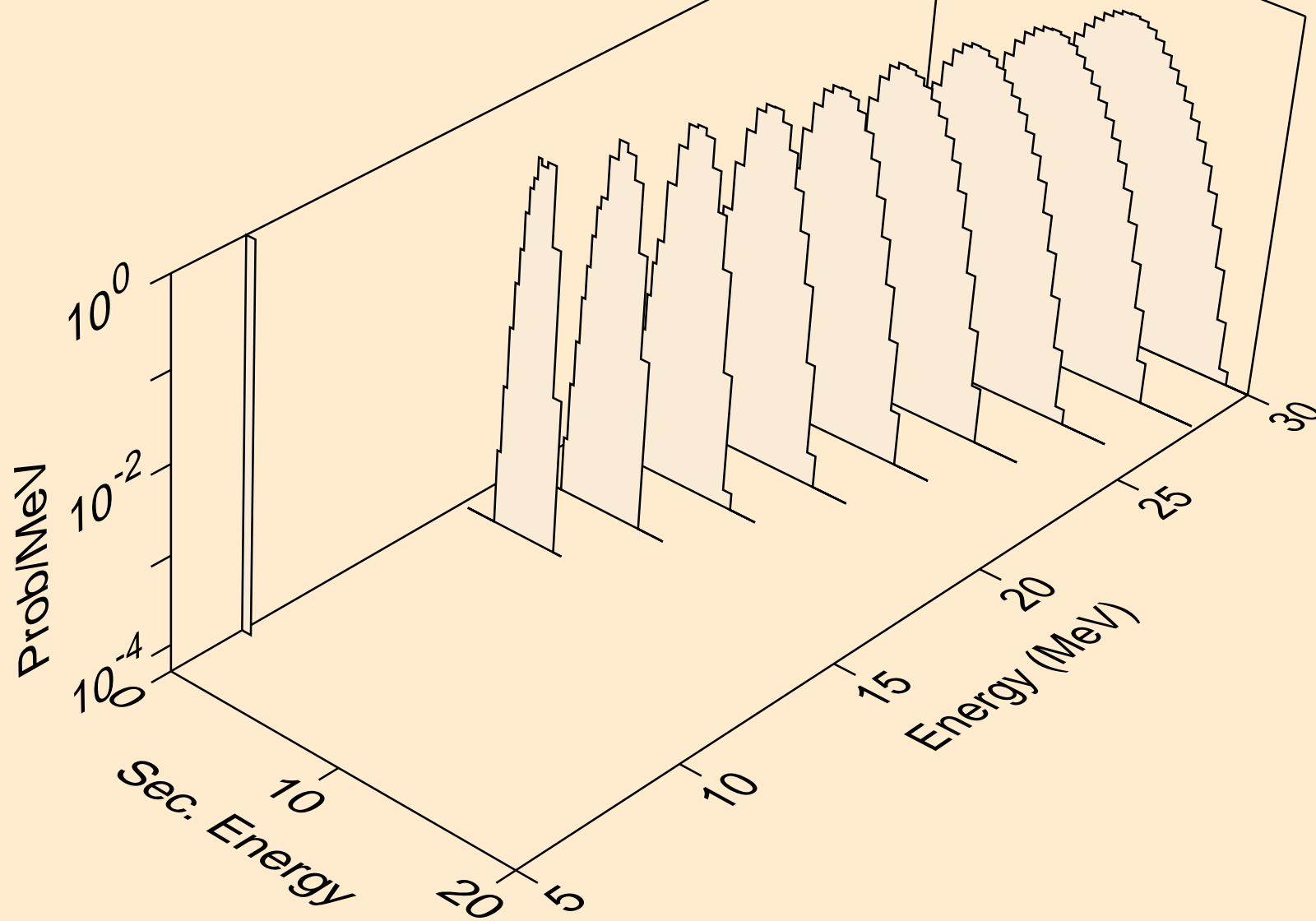


AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,t)

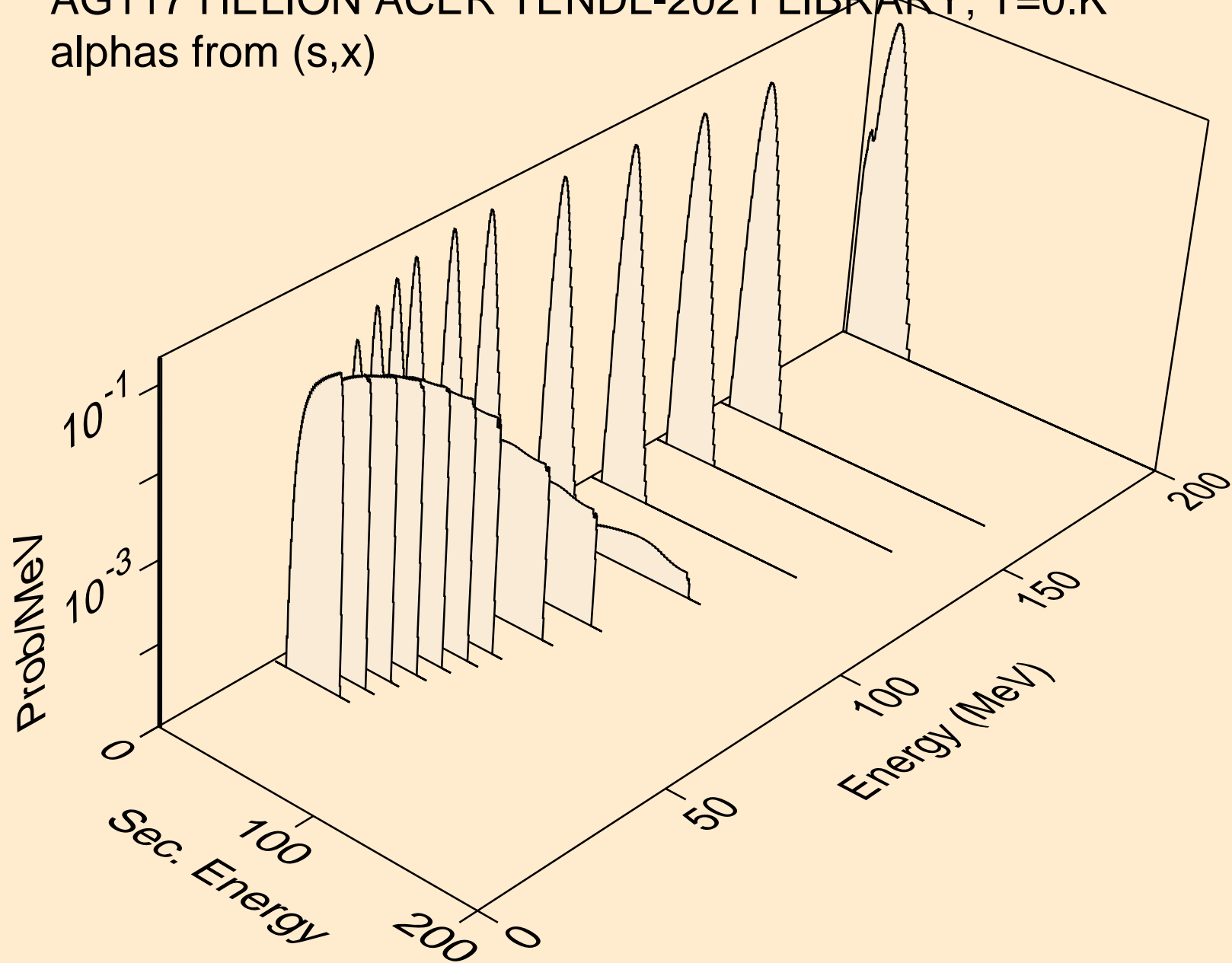




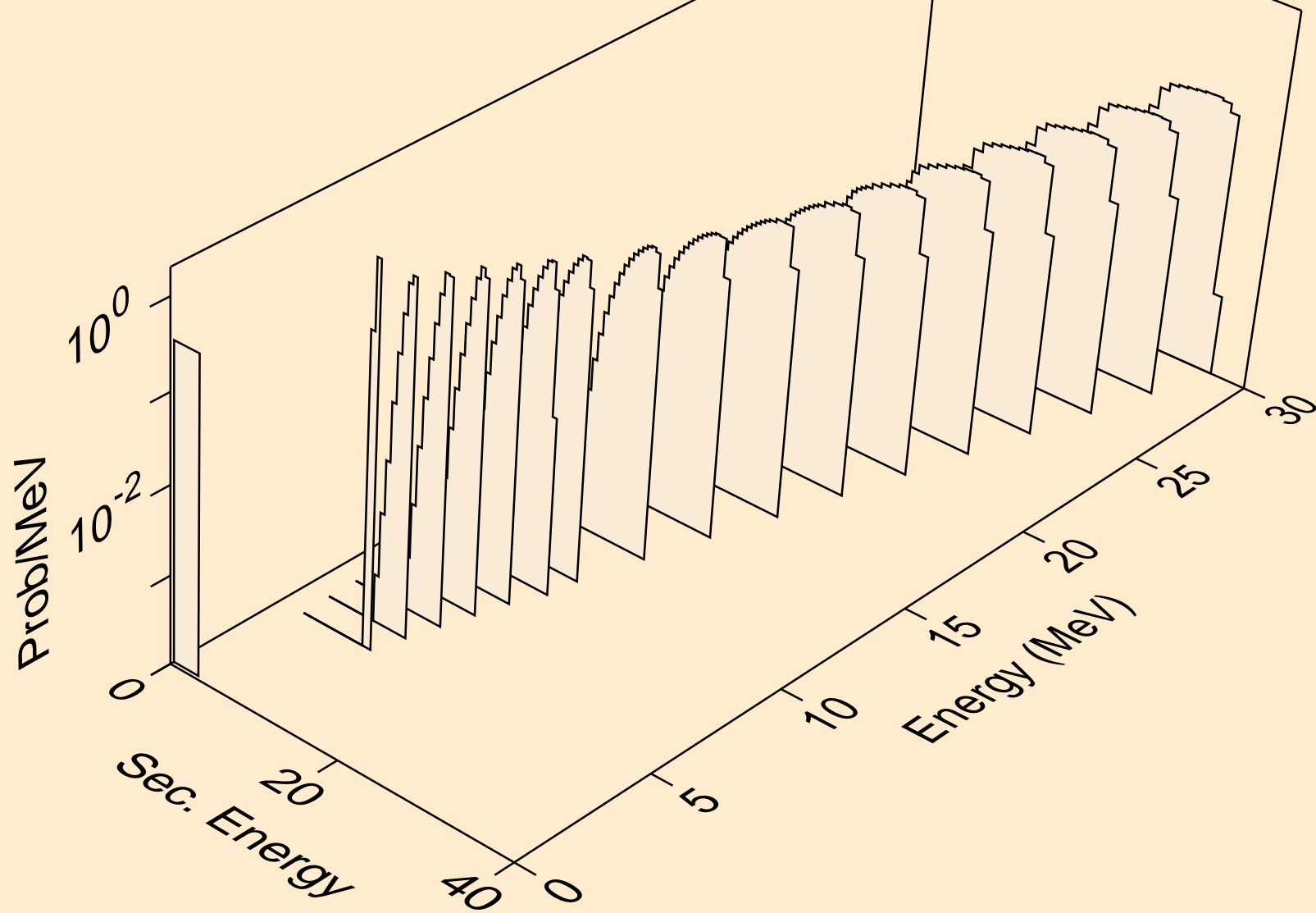
AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,pt)



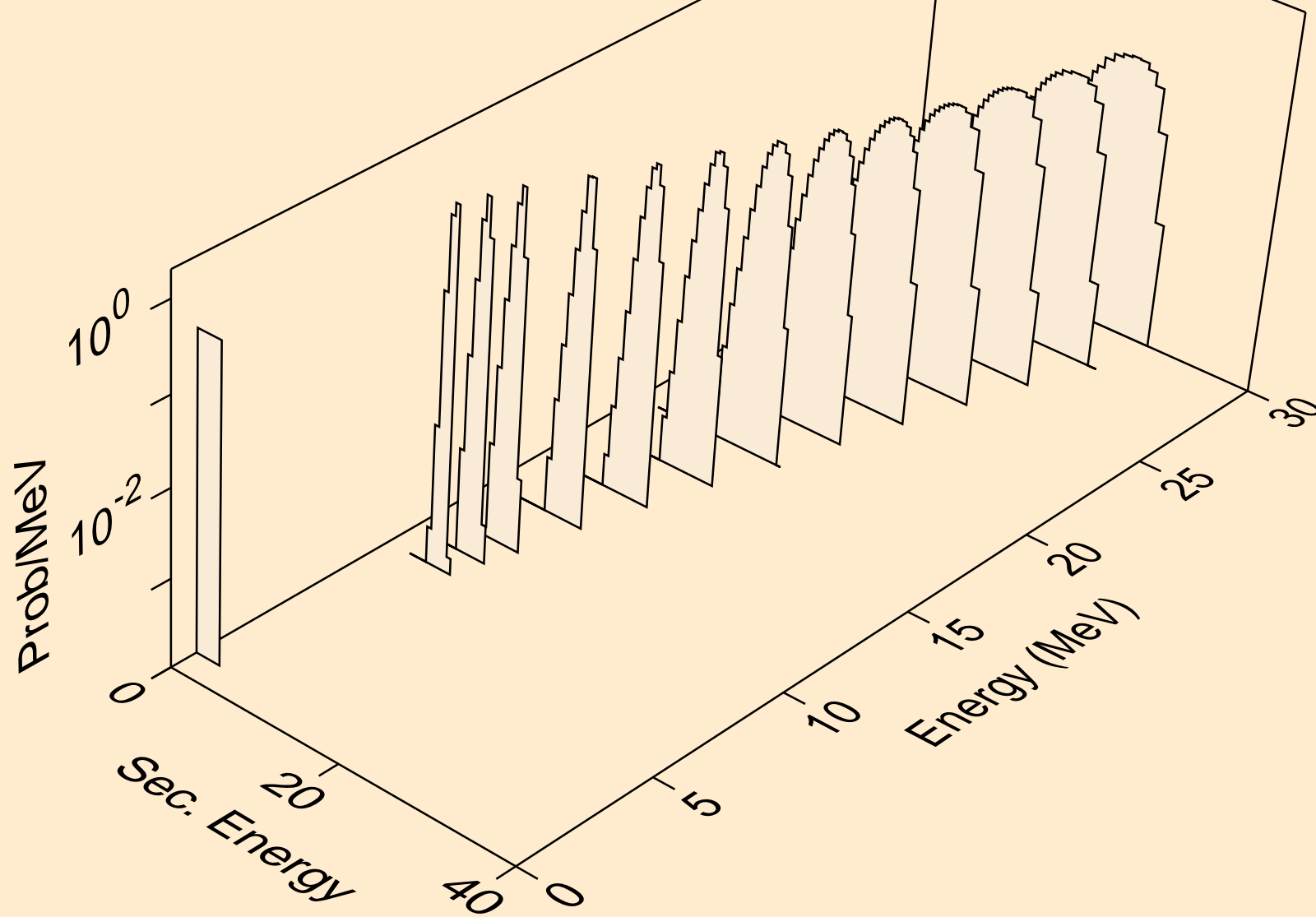
AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,x)



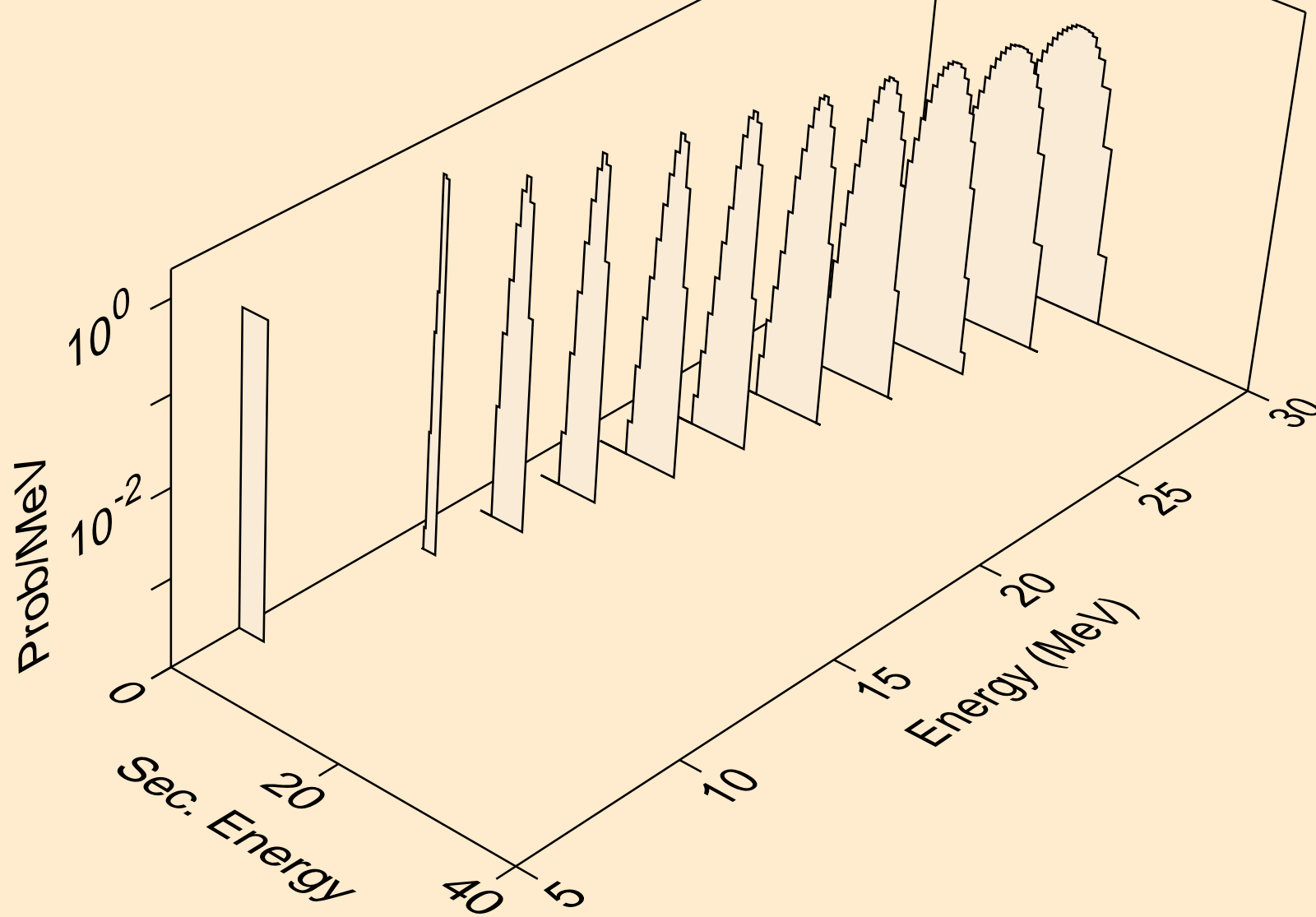
AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)a



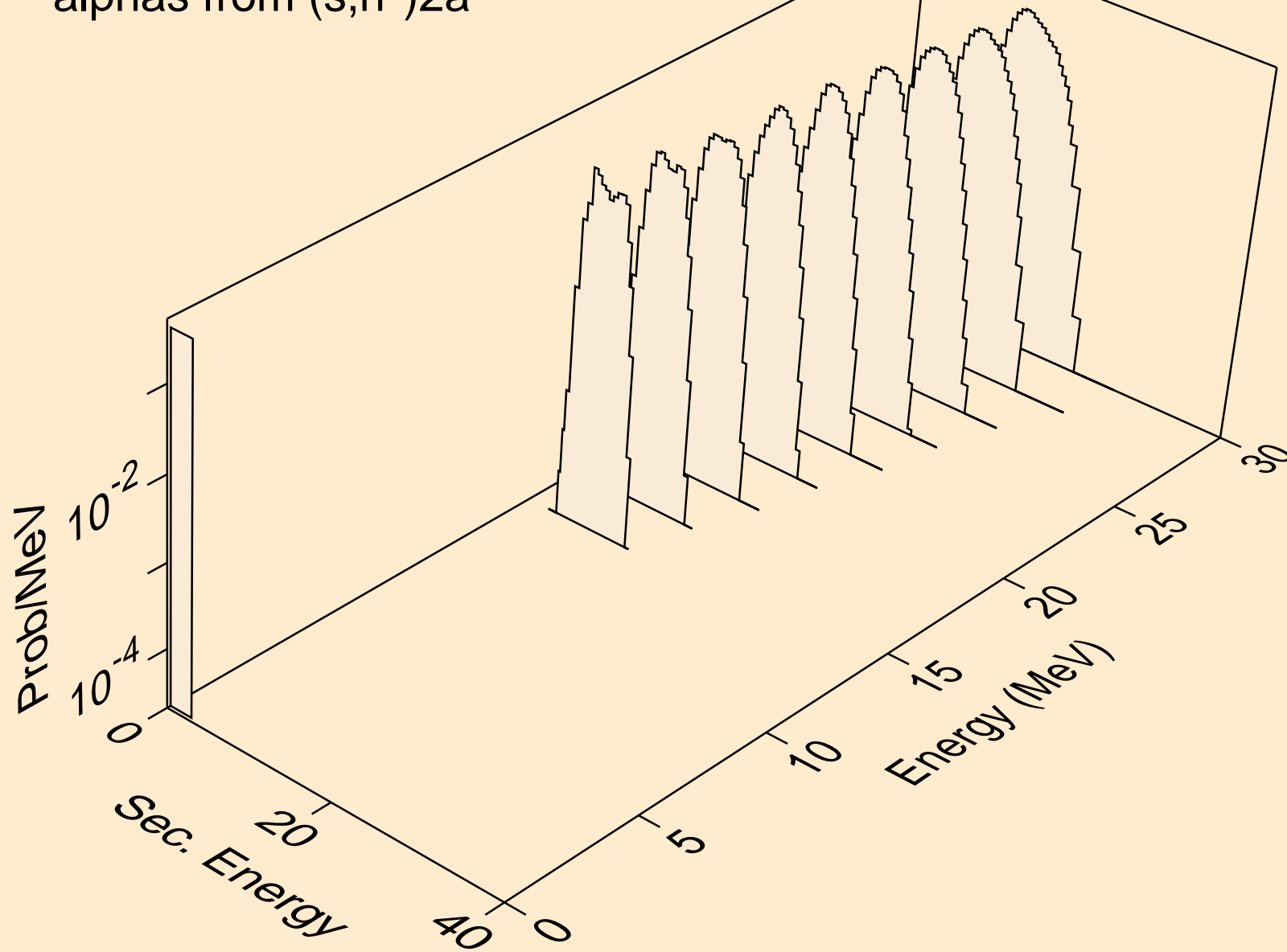
AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2n)a



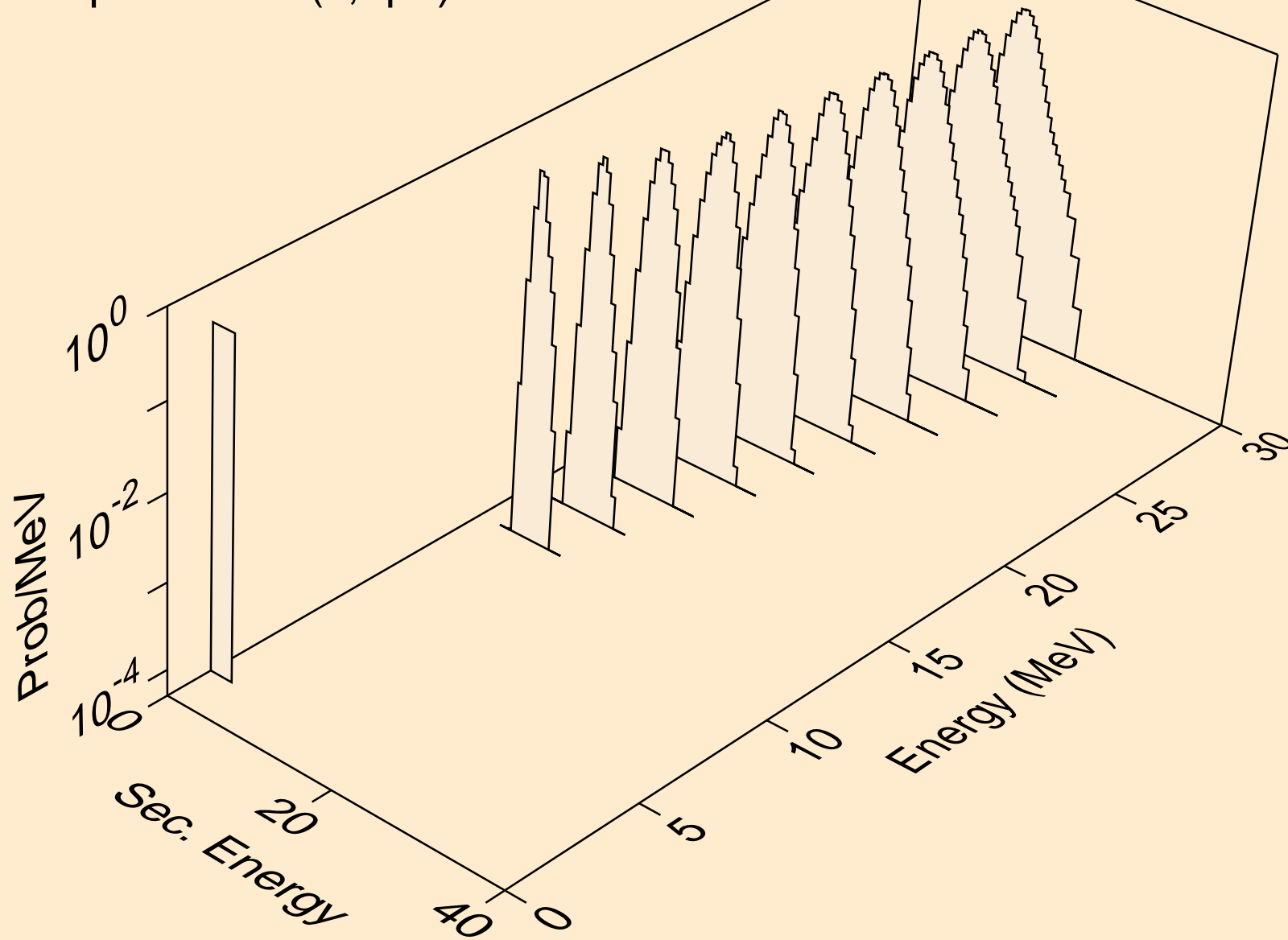
AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,3n)a



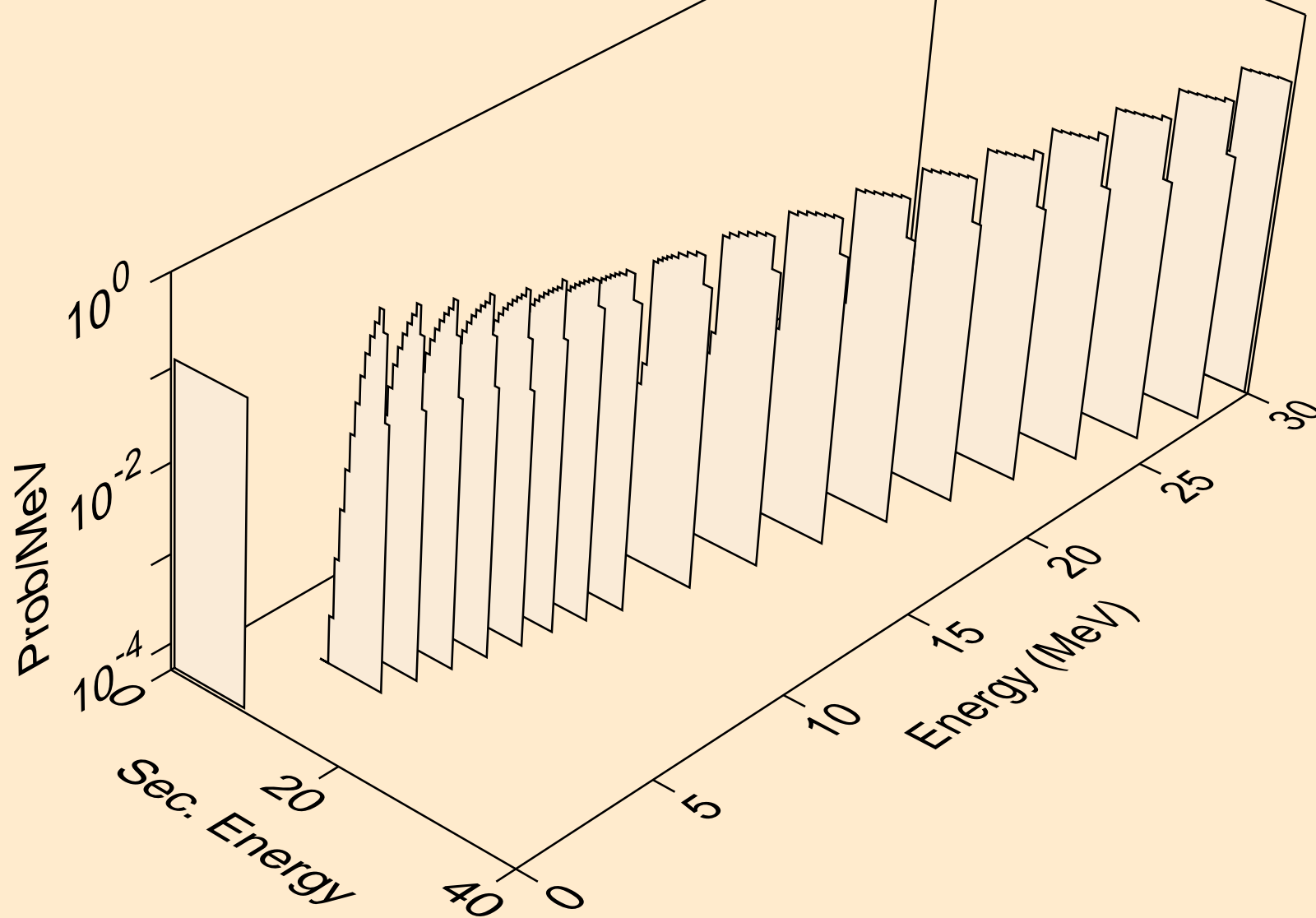
AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)2a



AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,npa)

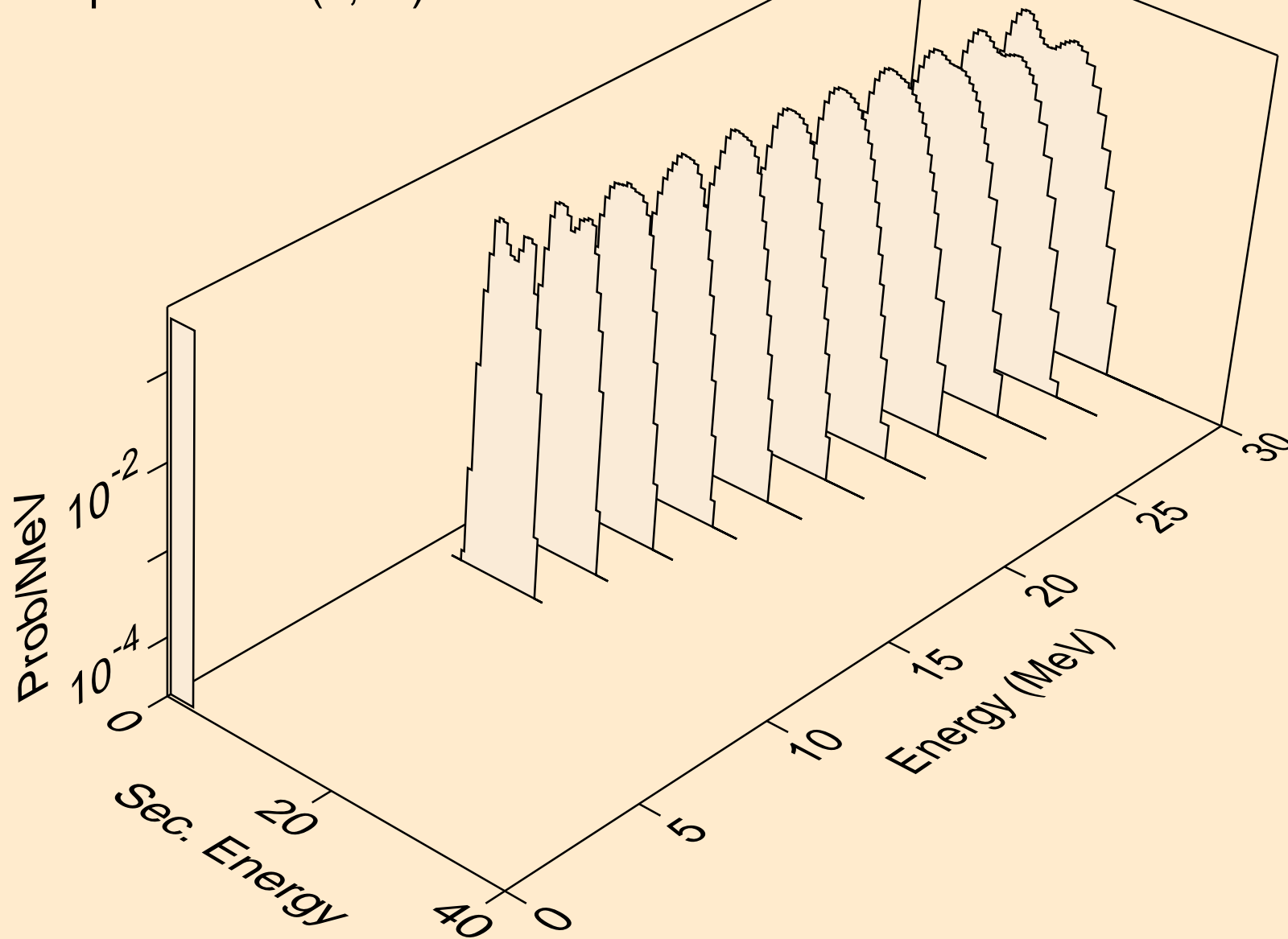


AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,a)

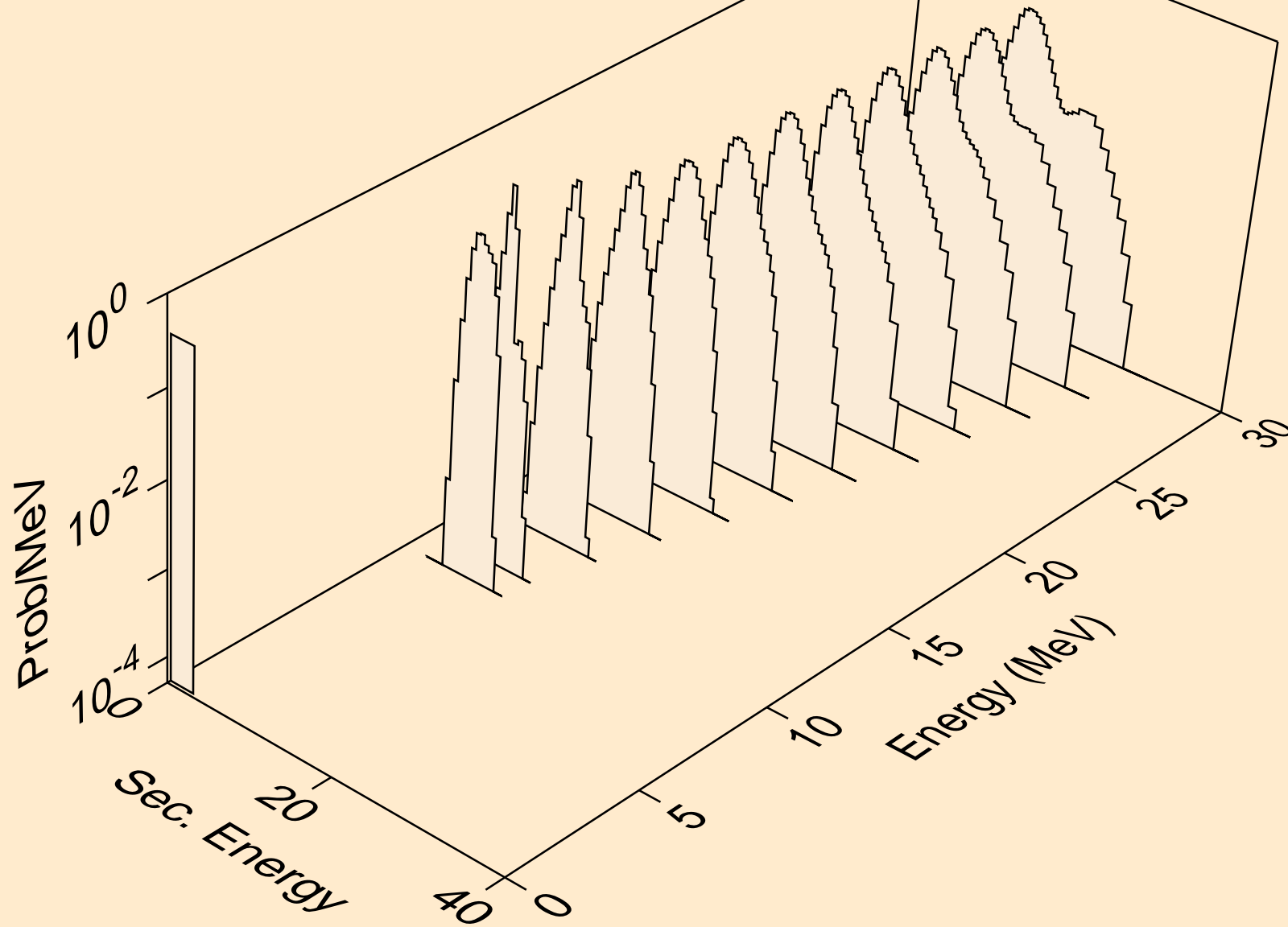




AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2a)



AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,pa)



AG117 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,da)

