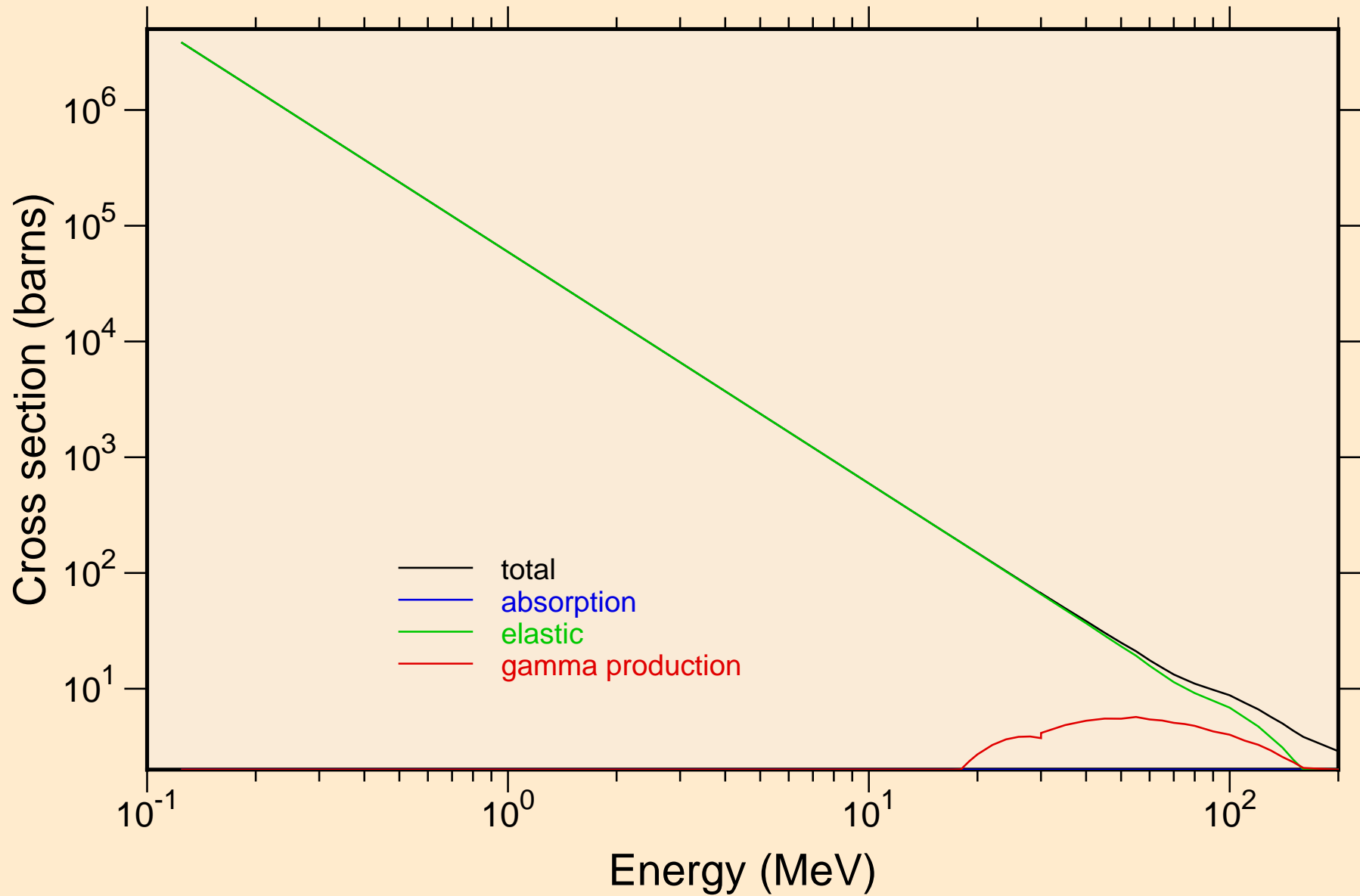


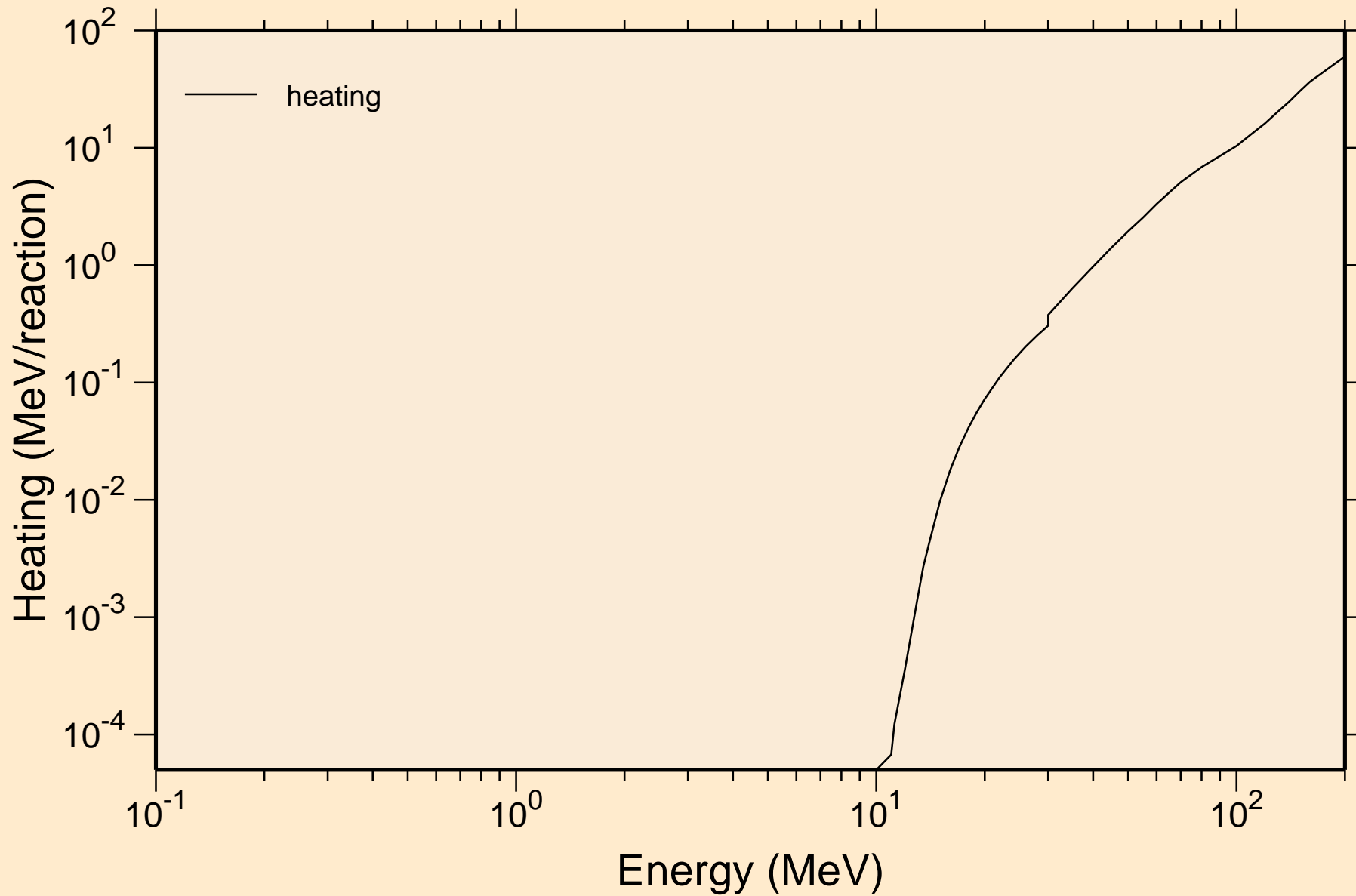
# CD119M HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



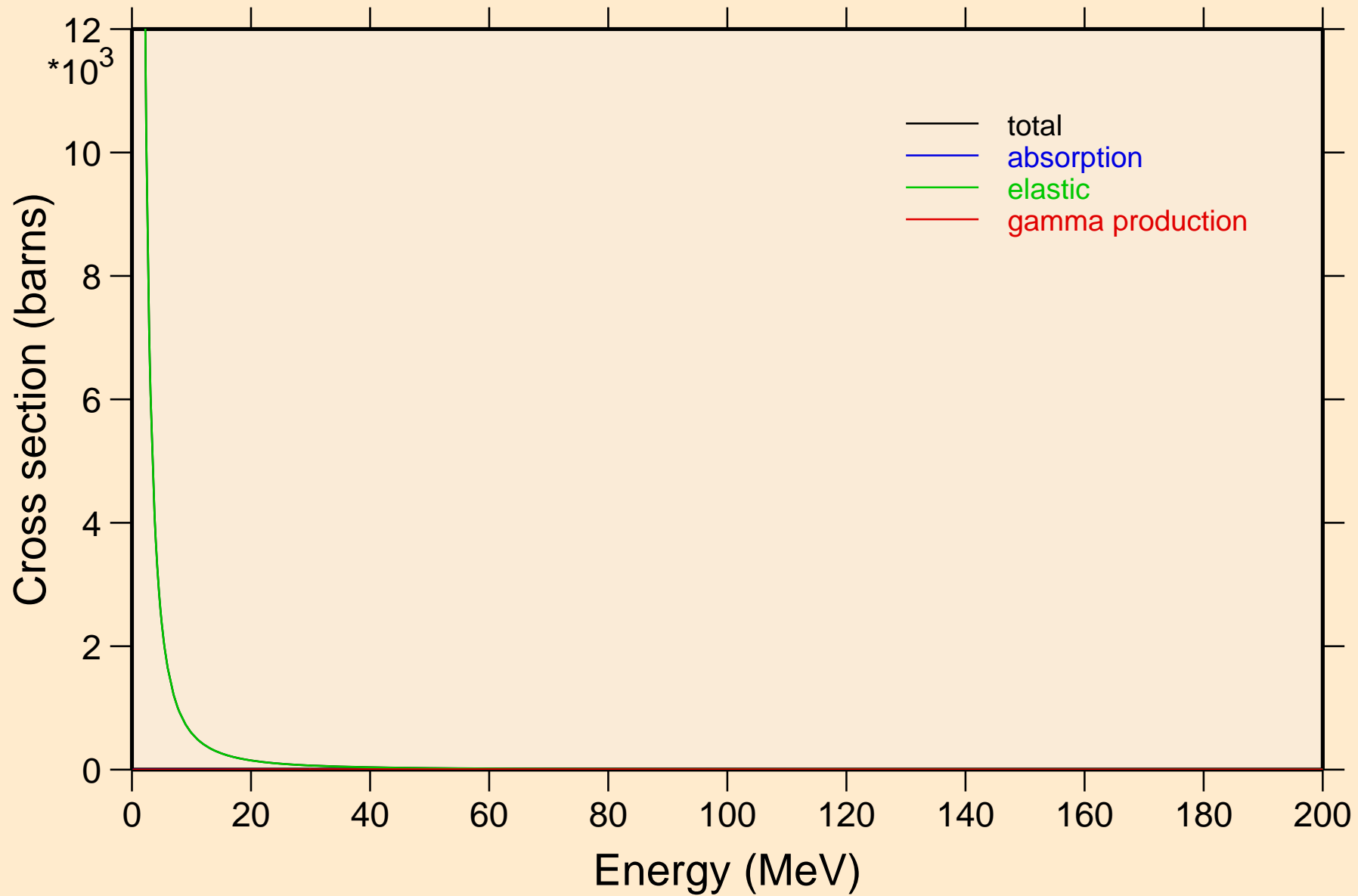
# CD119M HELION ACER TENDL-2021 LIBRARY; T=0.K

## Heating



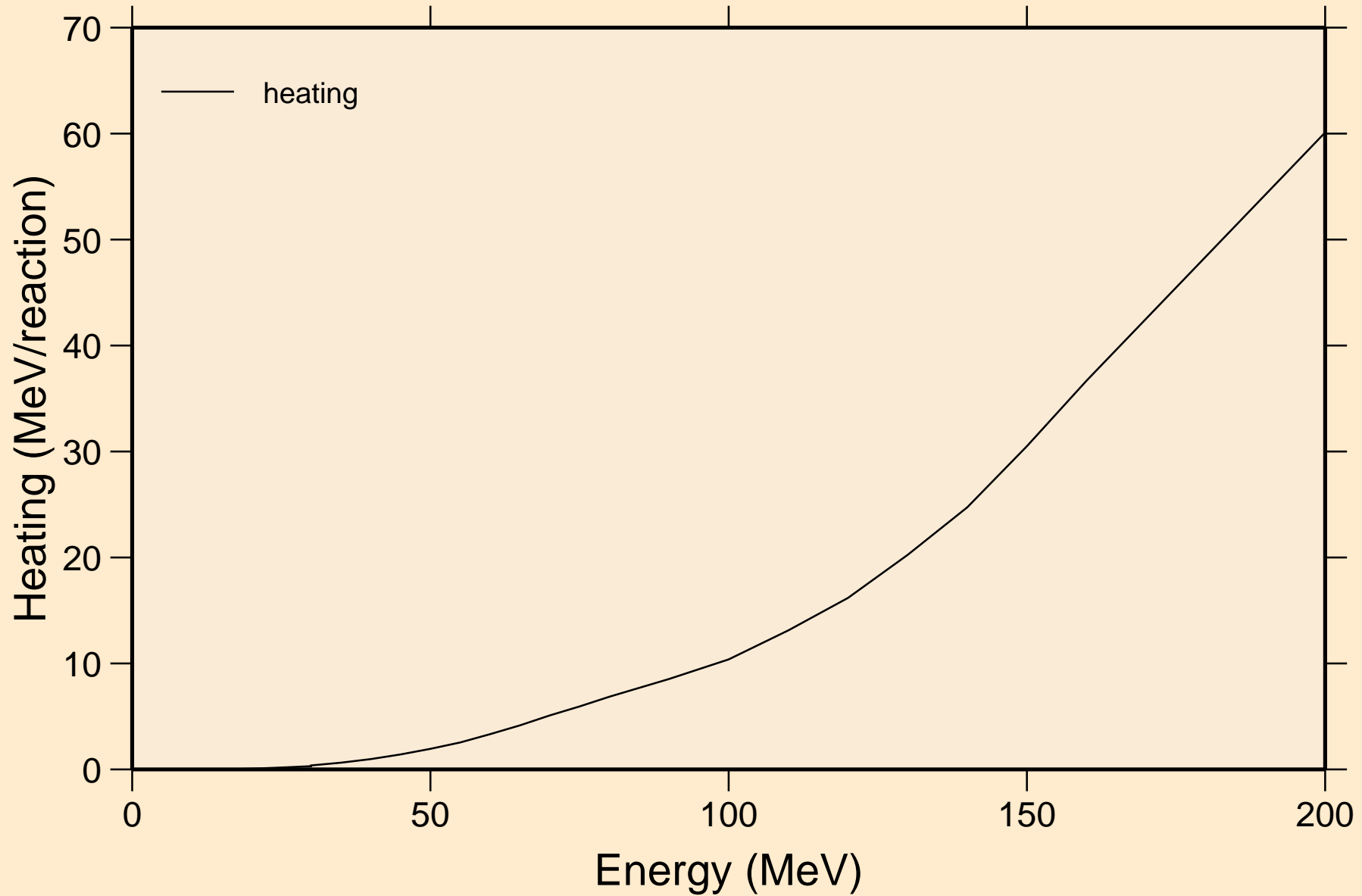
# CD119M HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



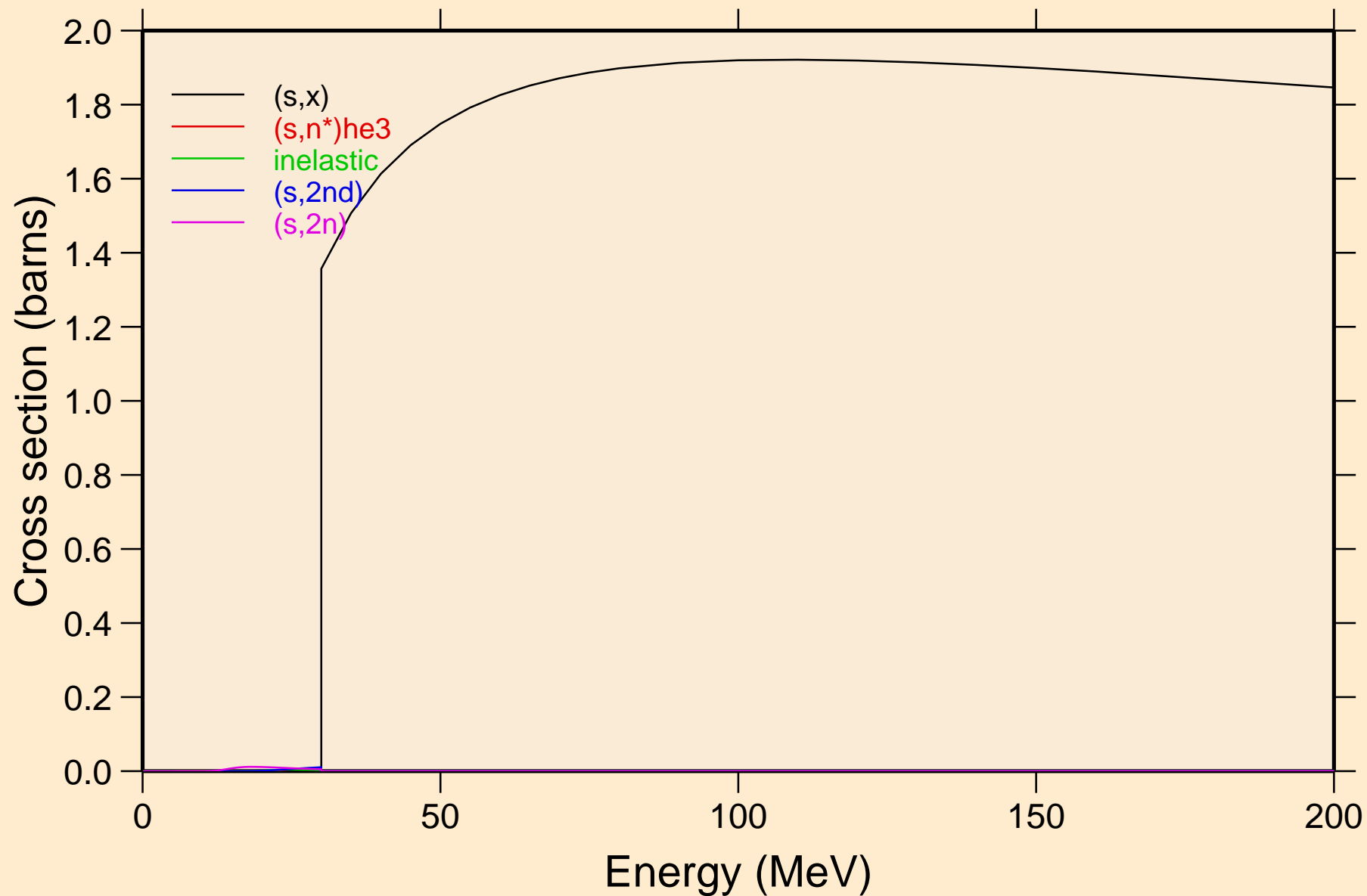
# CD119M HELION ACER TENDL-2021 LIBRARY; T=0.K

## Heating



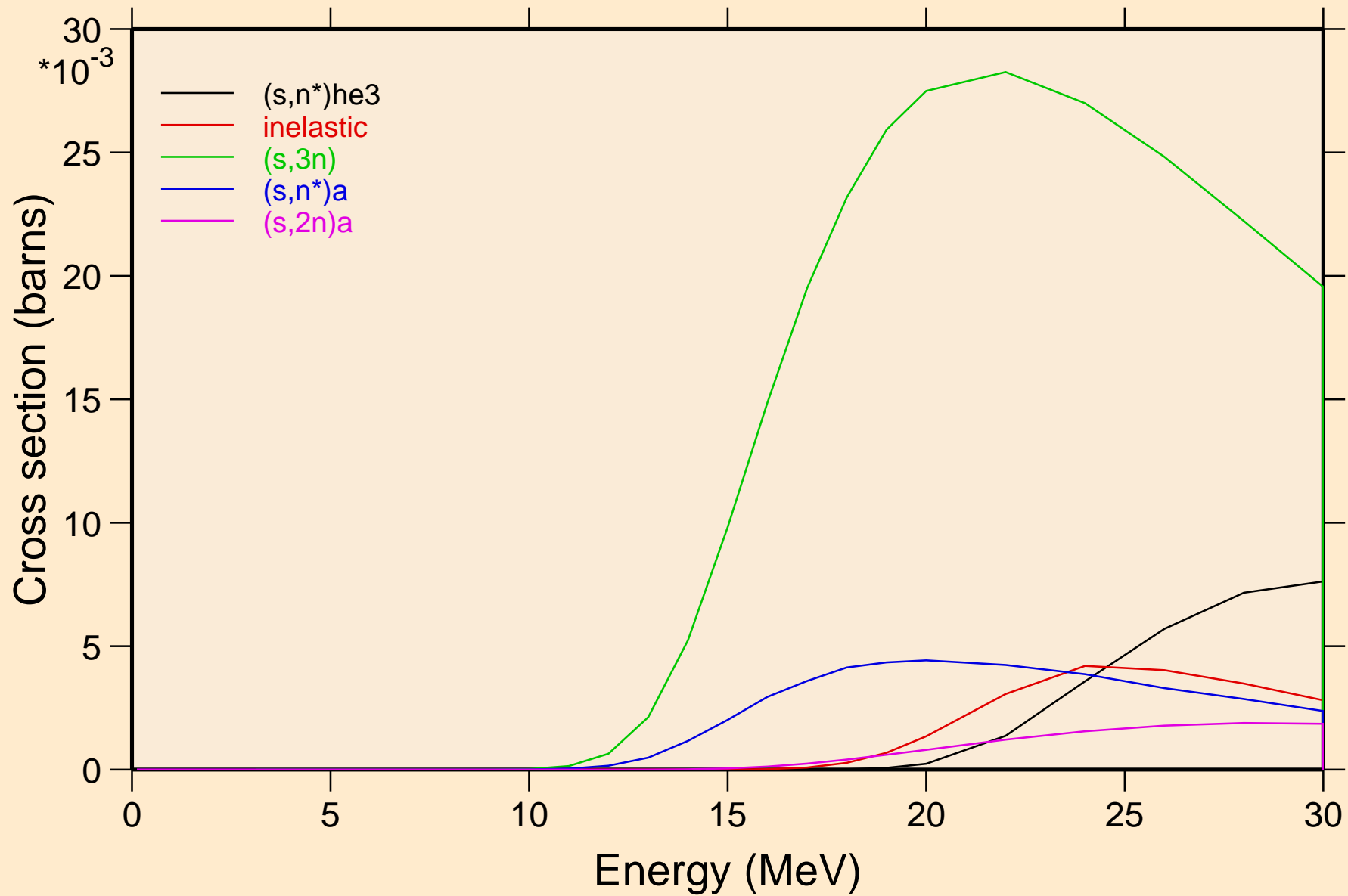
# CD119M HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions

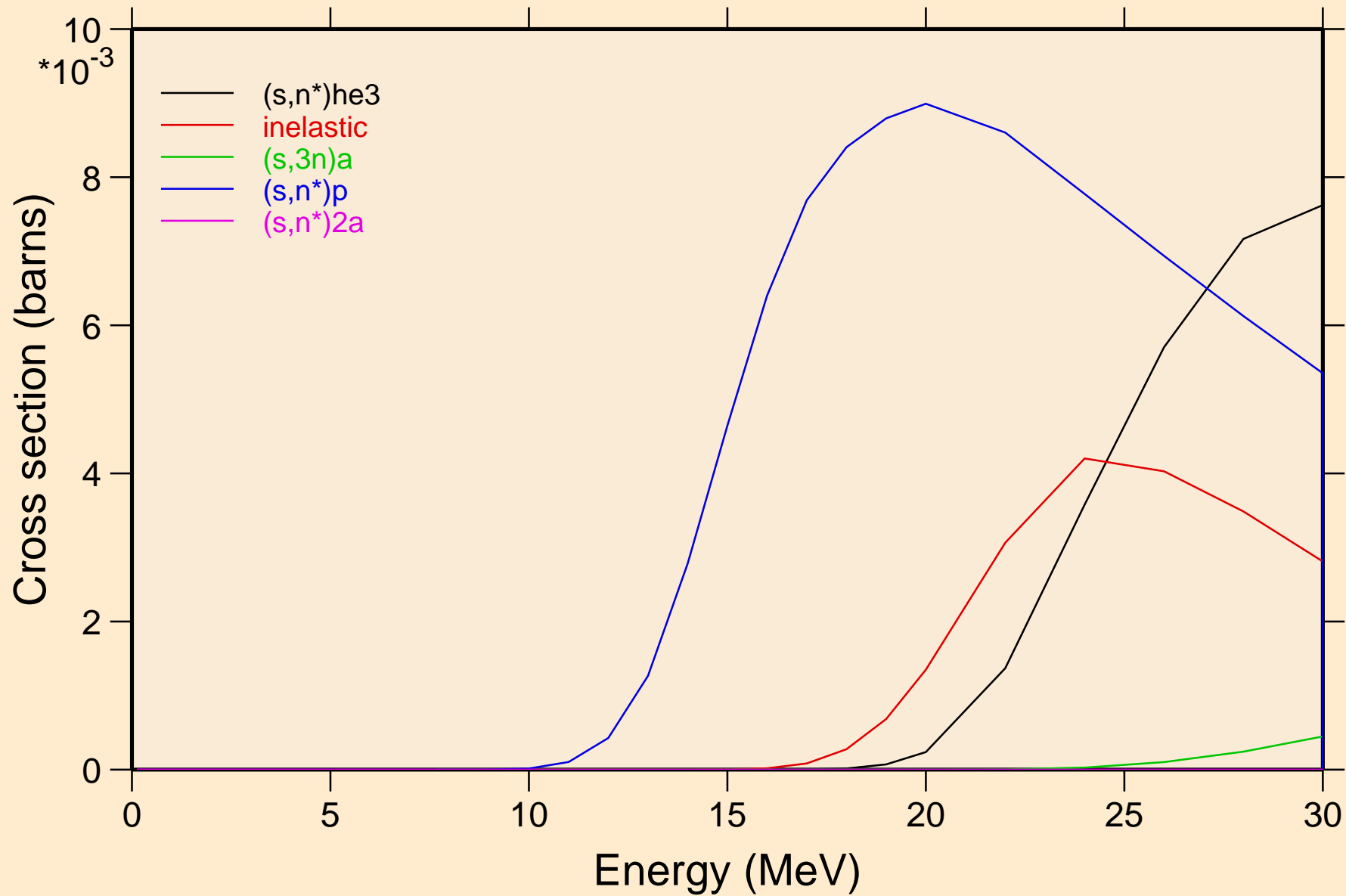


# CD119M HELION ACER TENDL-2021 LIBRARY; T=0.K

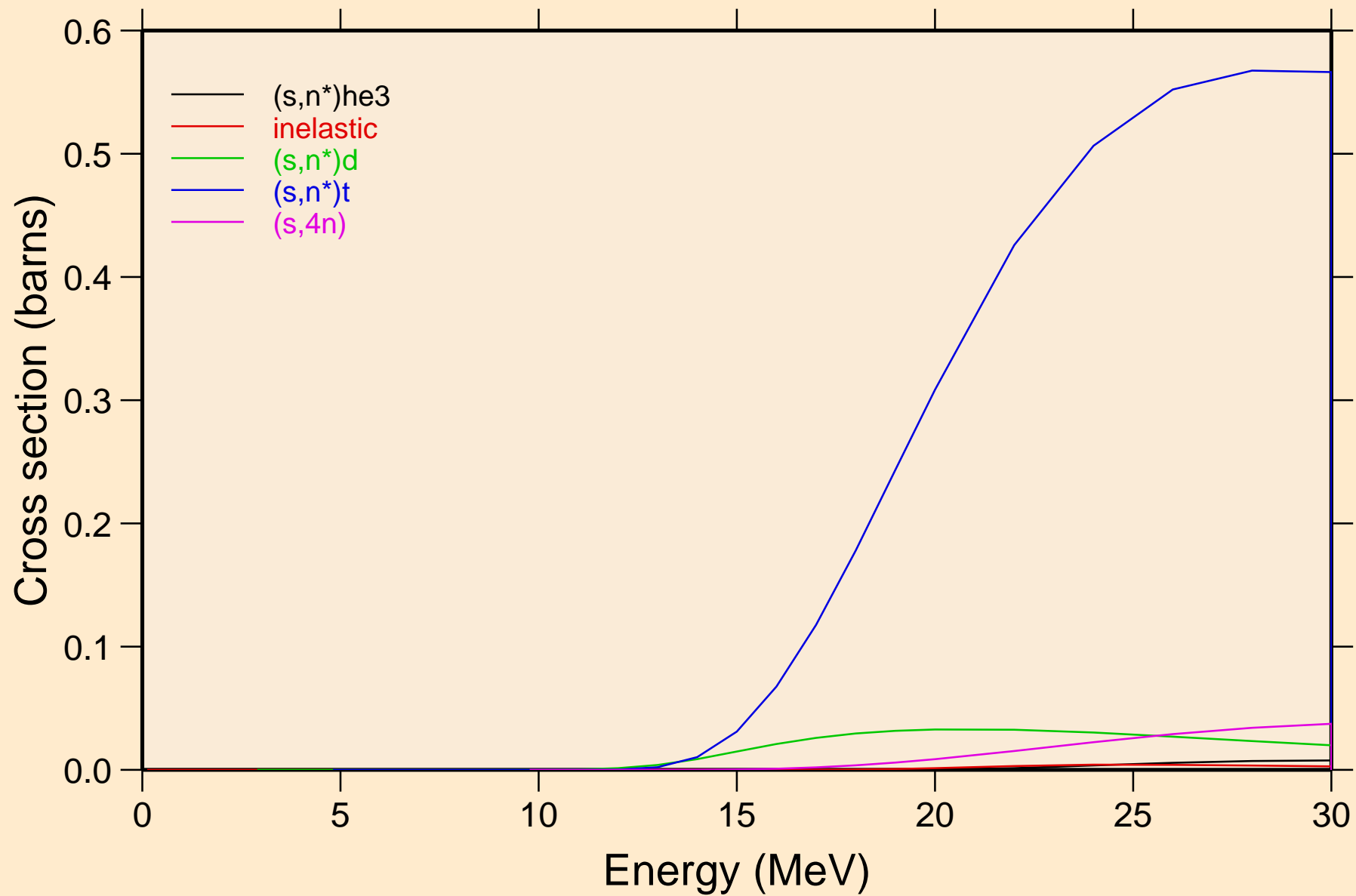
## Threshold reactions



CD119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

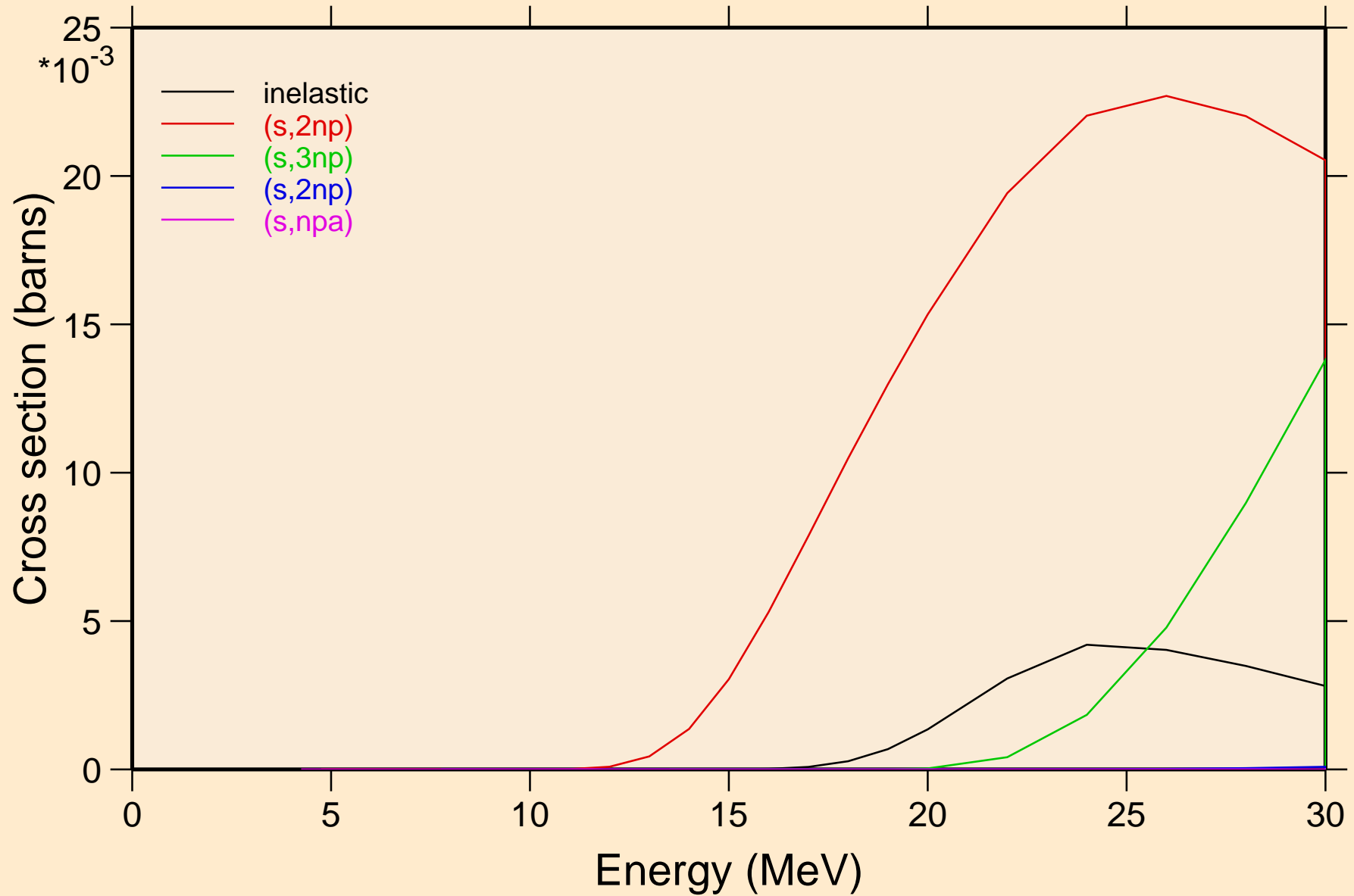


CD119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



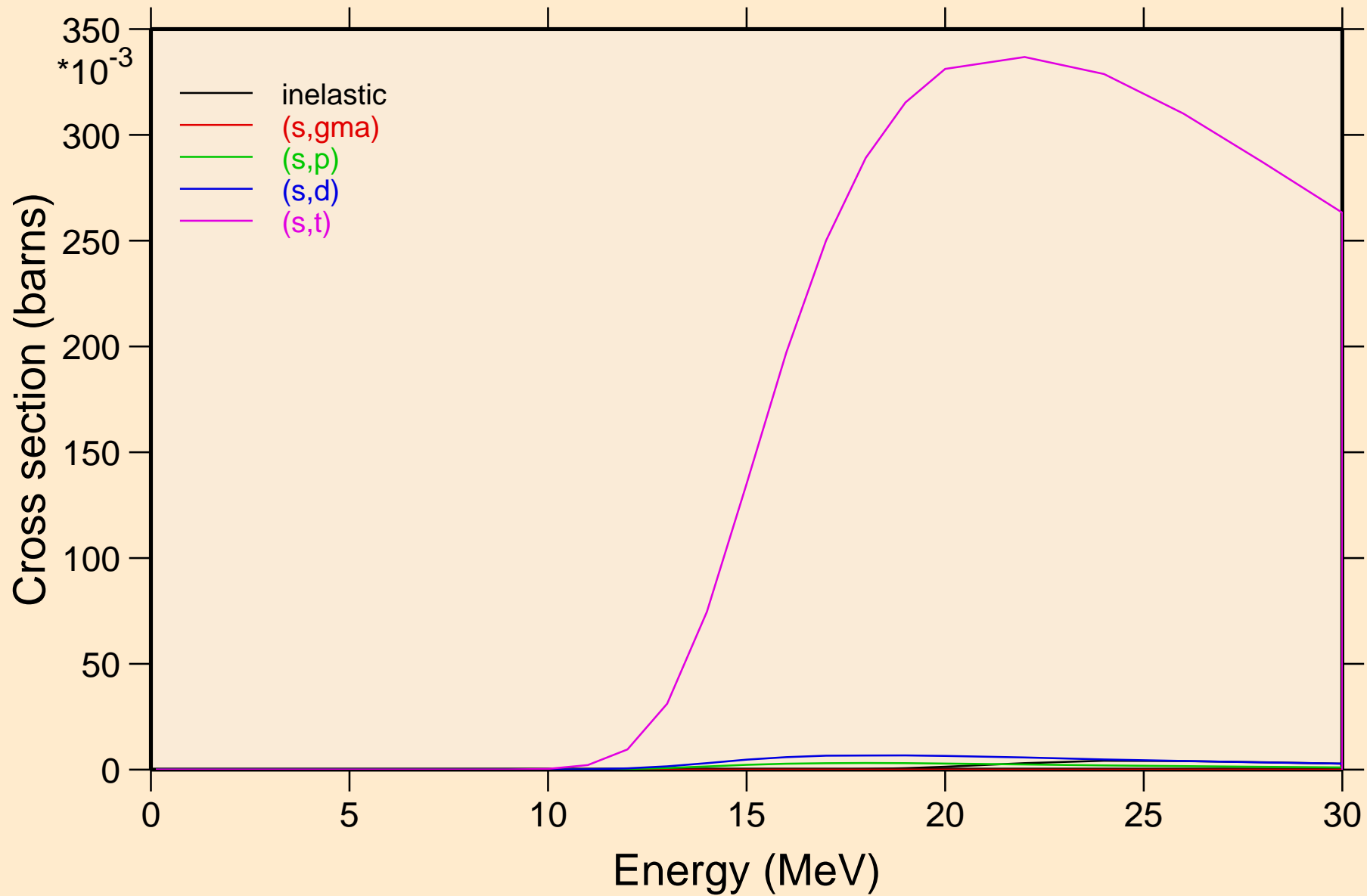


CD119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

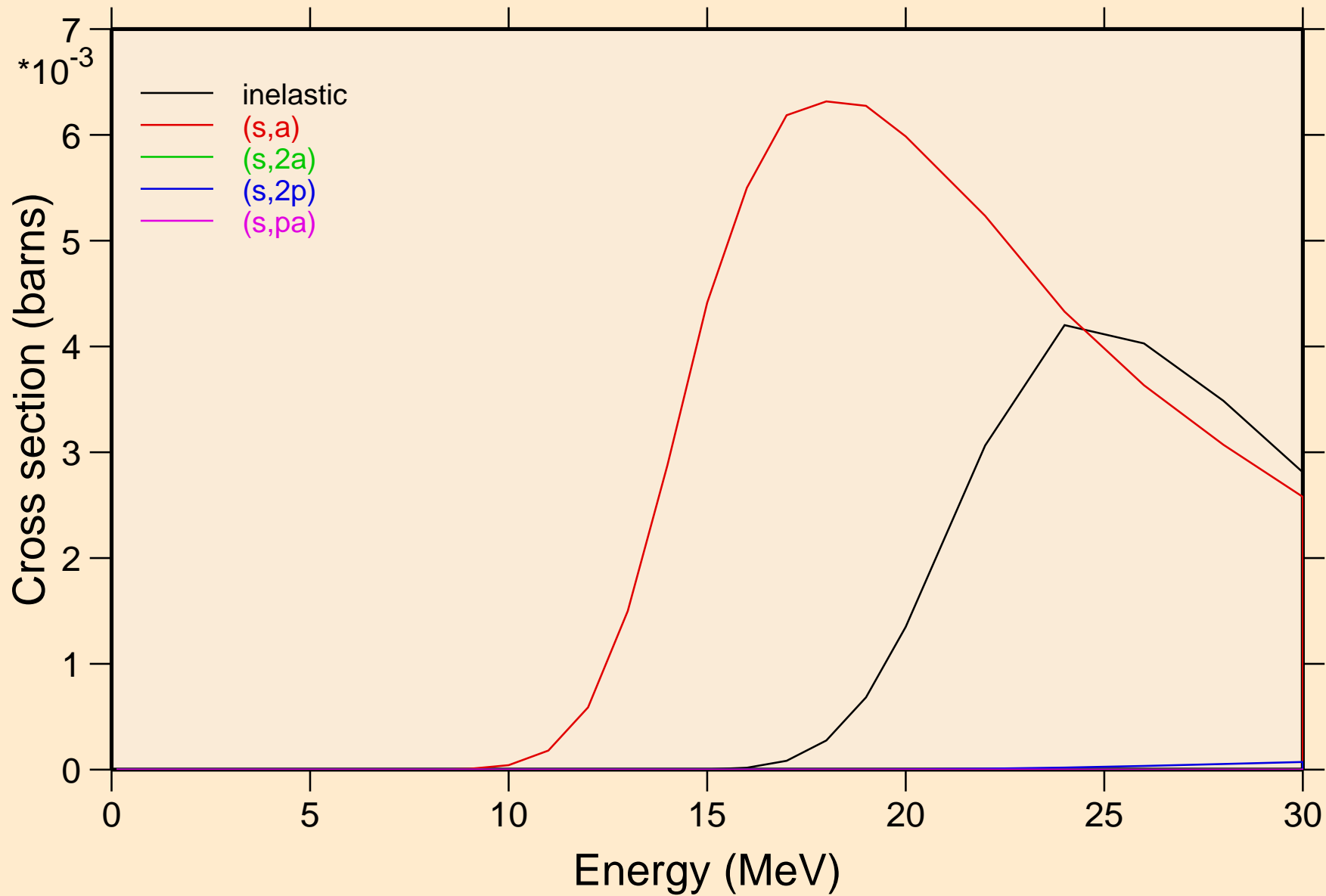


# CD119M HELION ACER TENDL-2021 LIBRARY; T=0.K

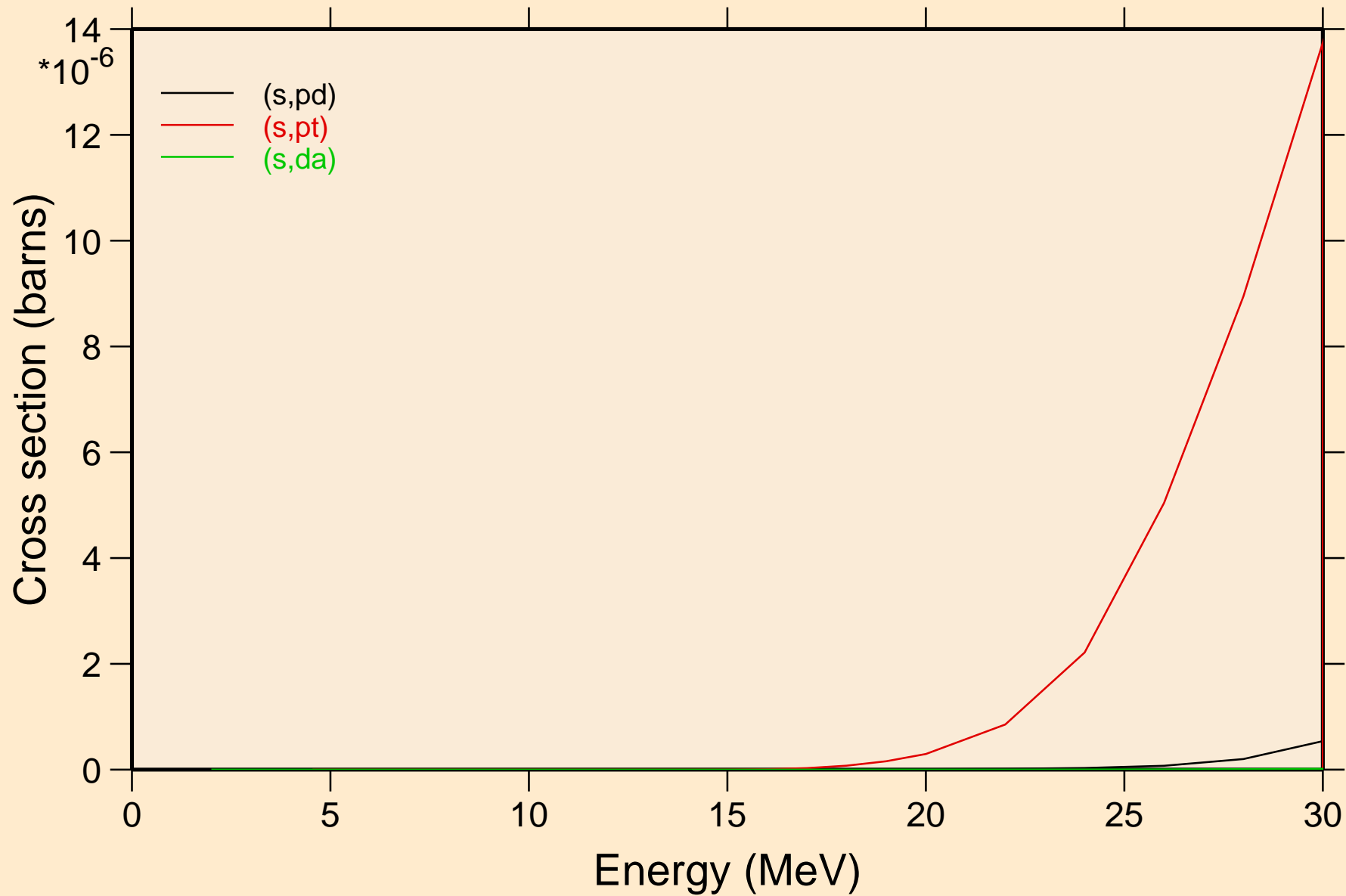
## Threshold reactions



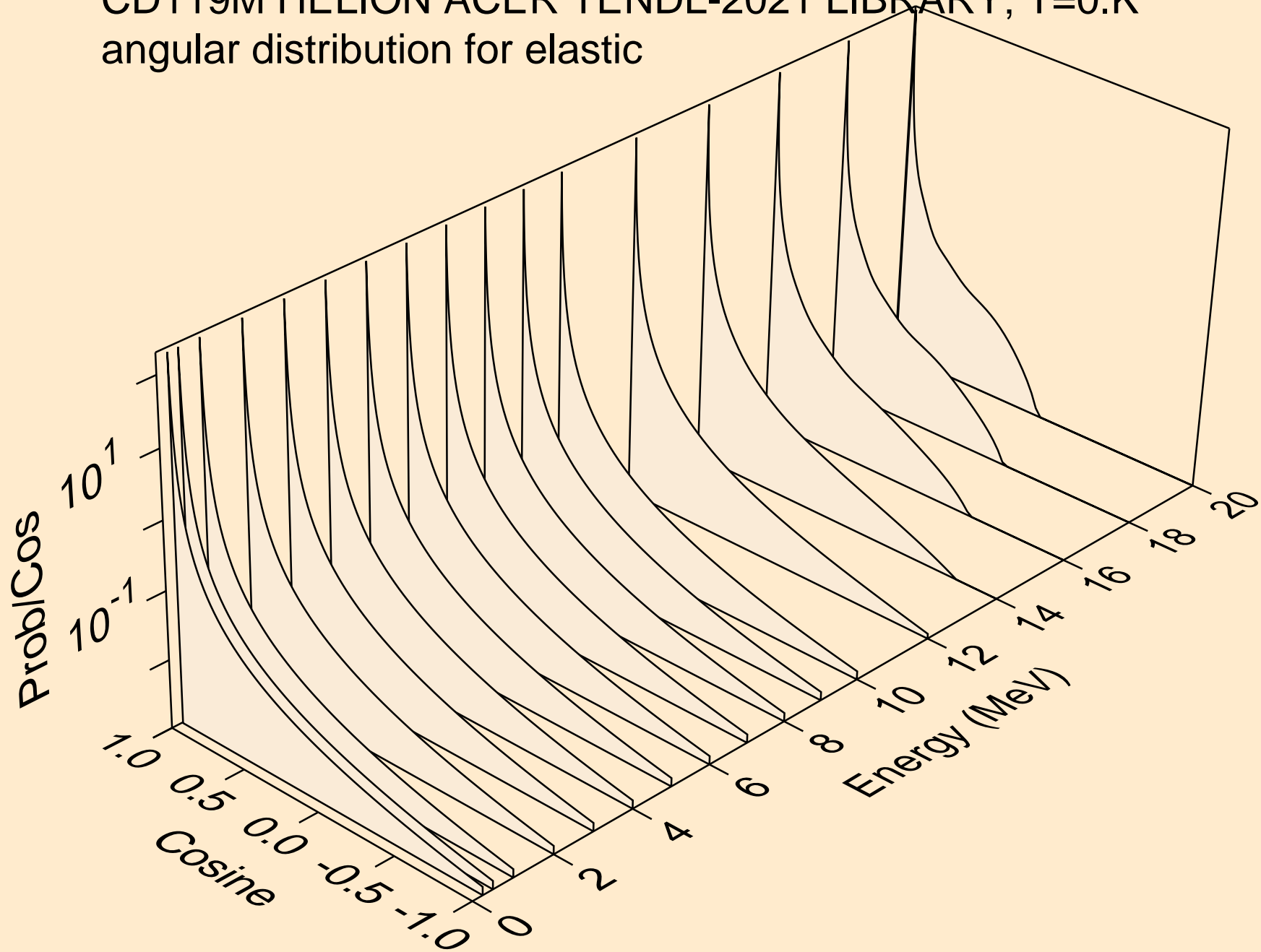
CD119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



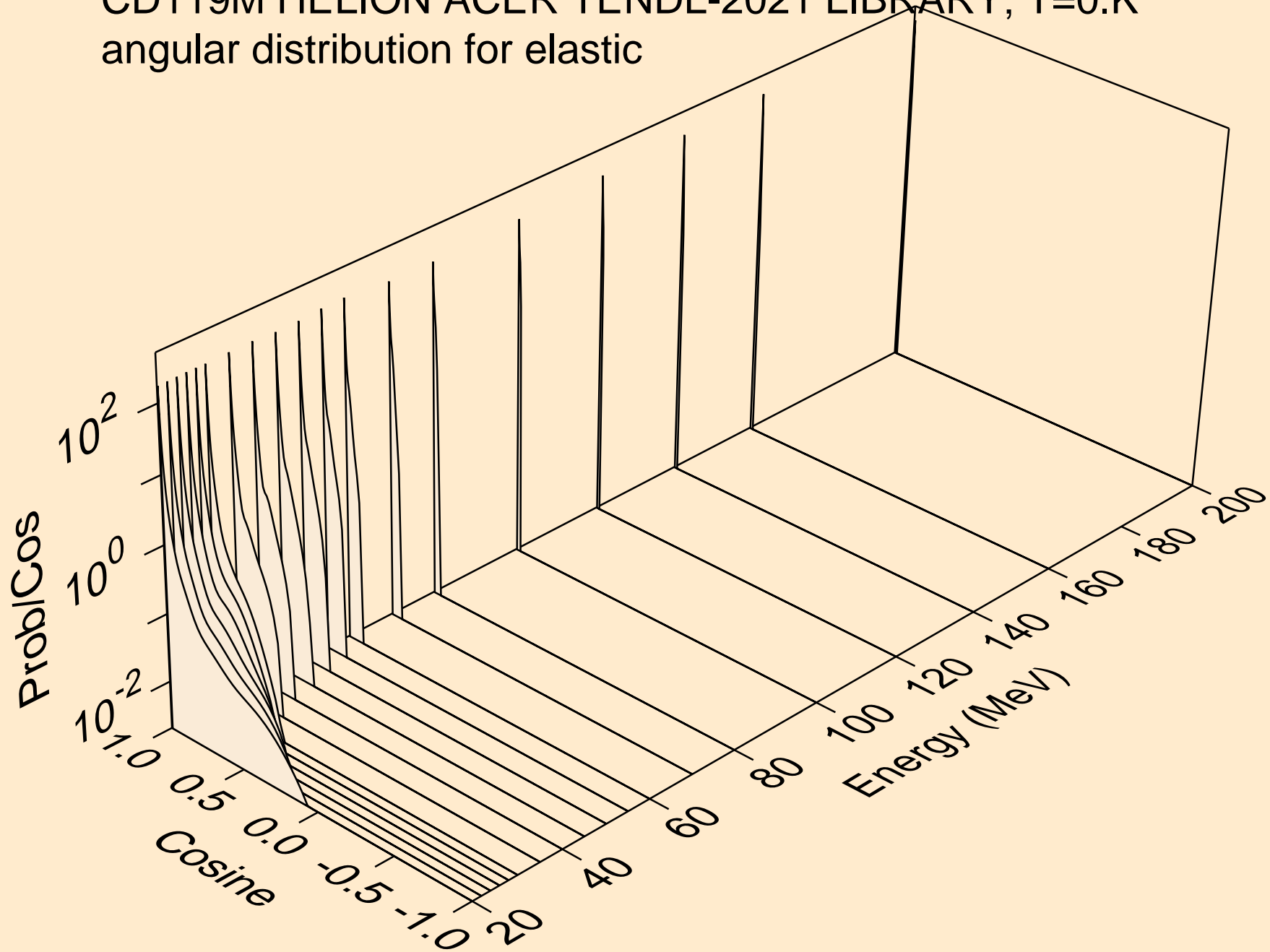
CD119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



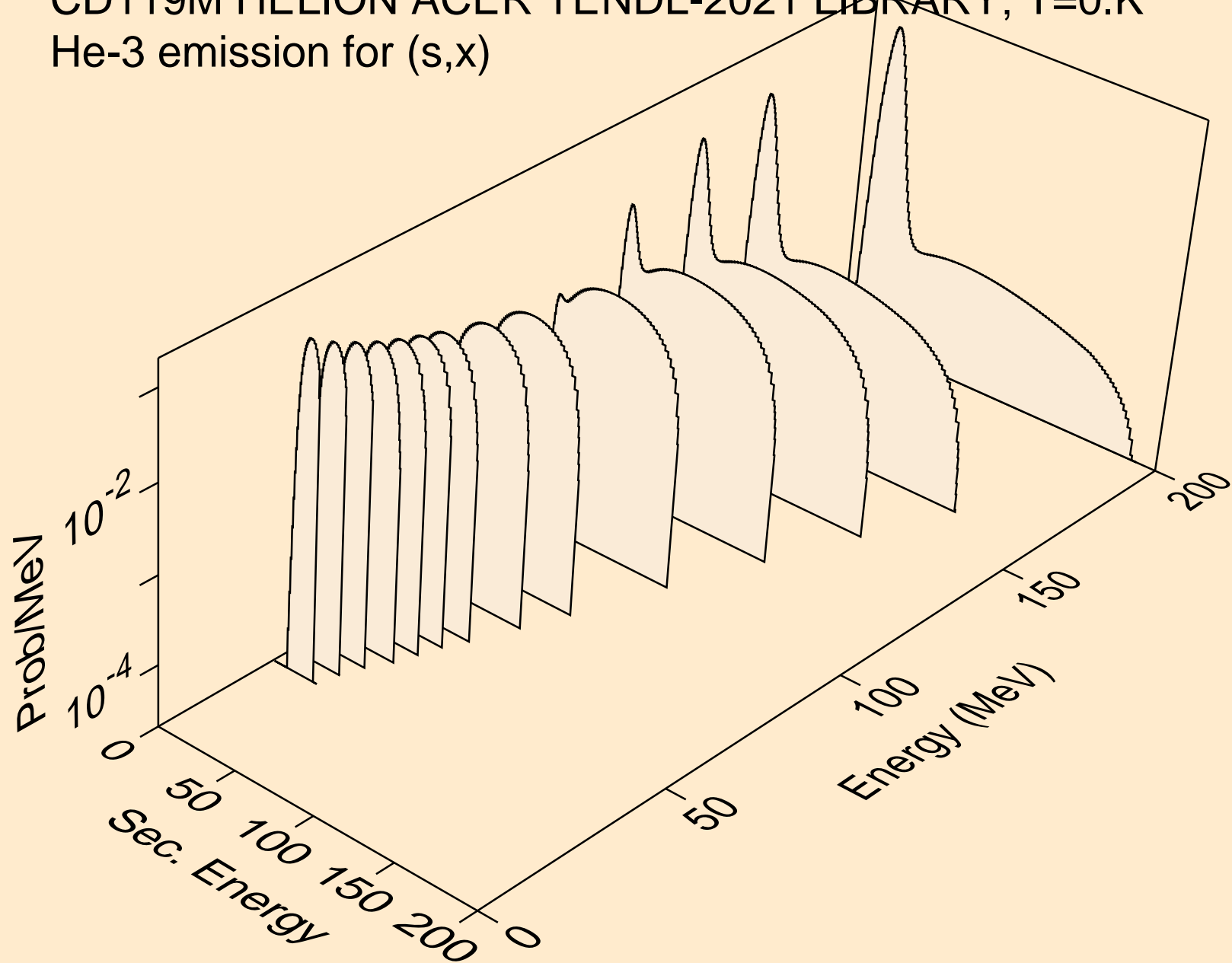
CD119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



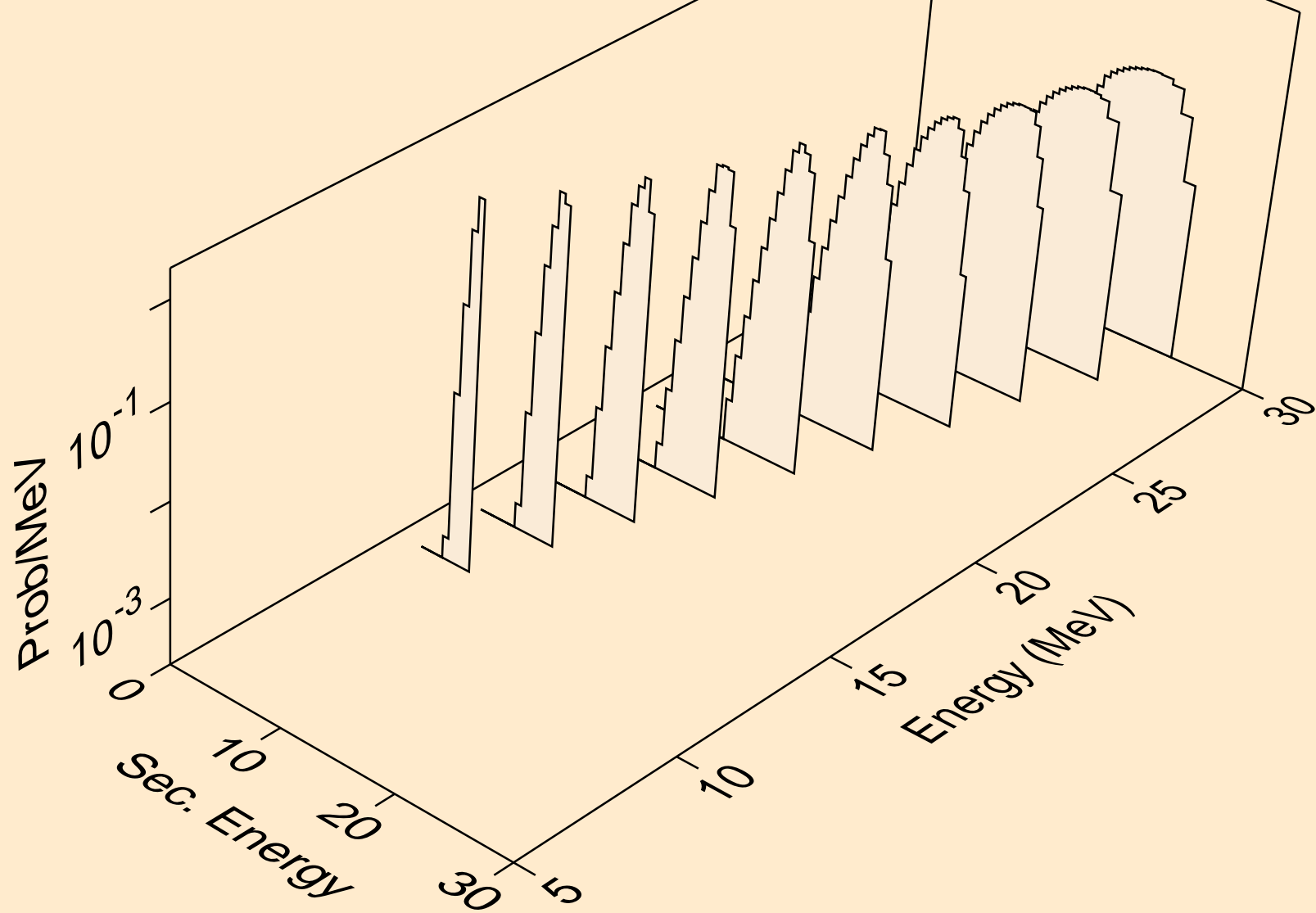
CD119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



CD119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,x)

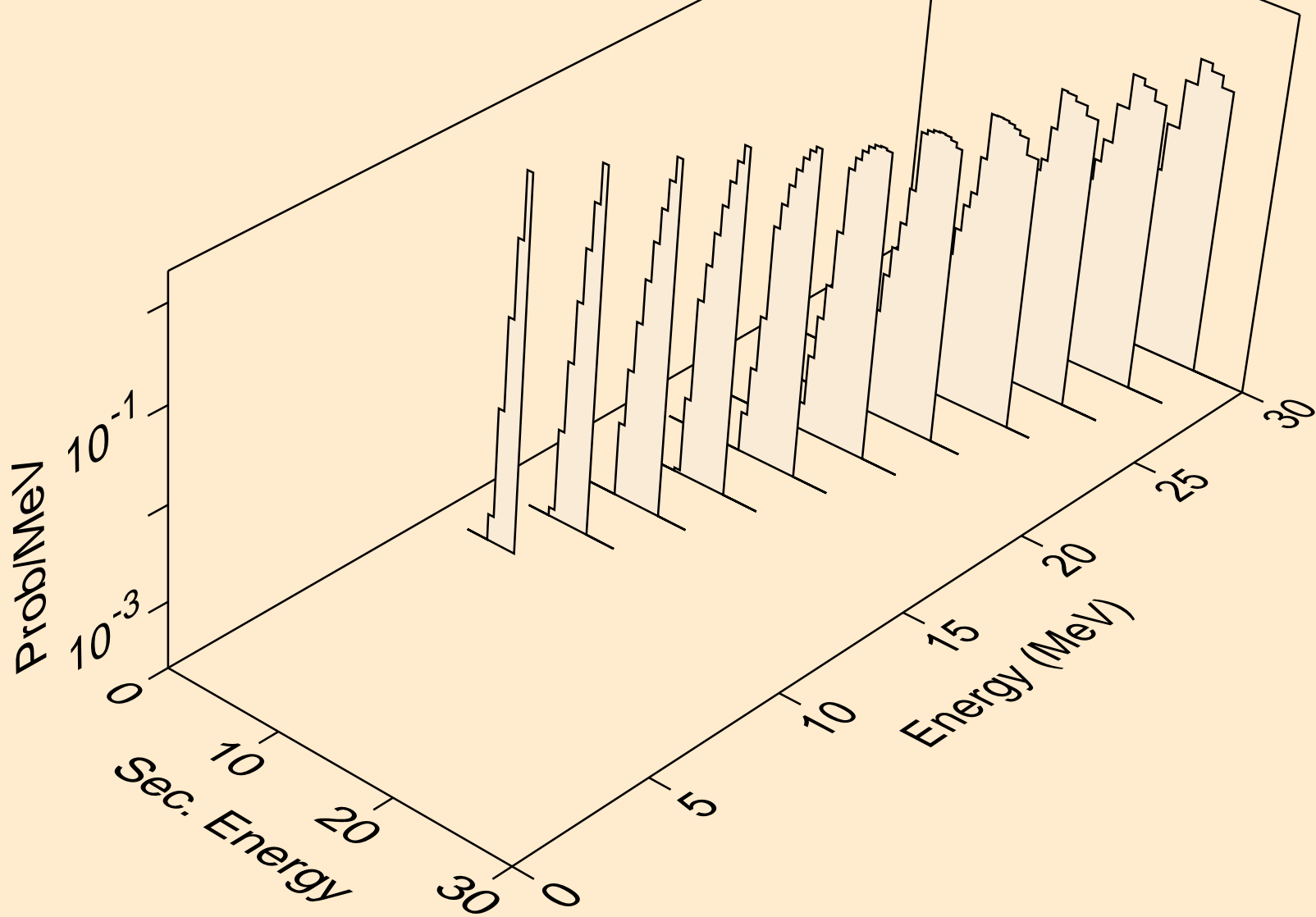


CD119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

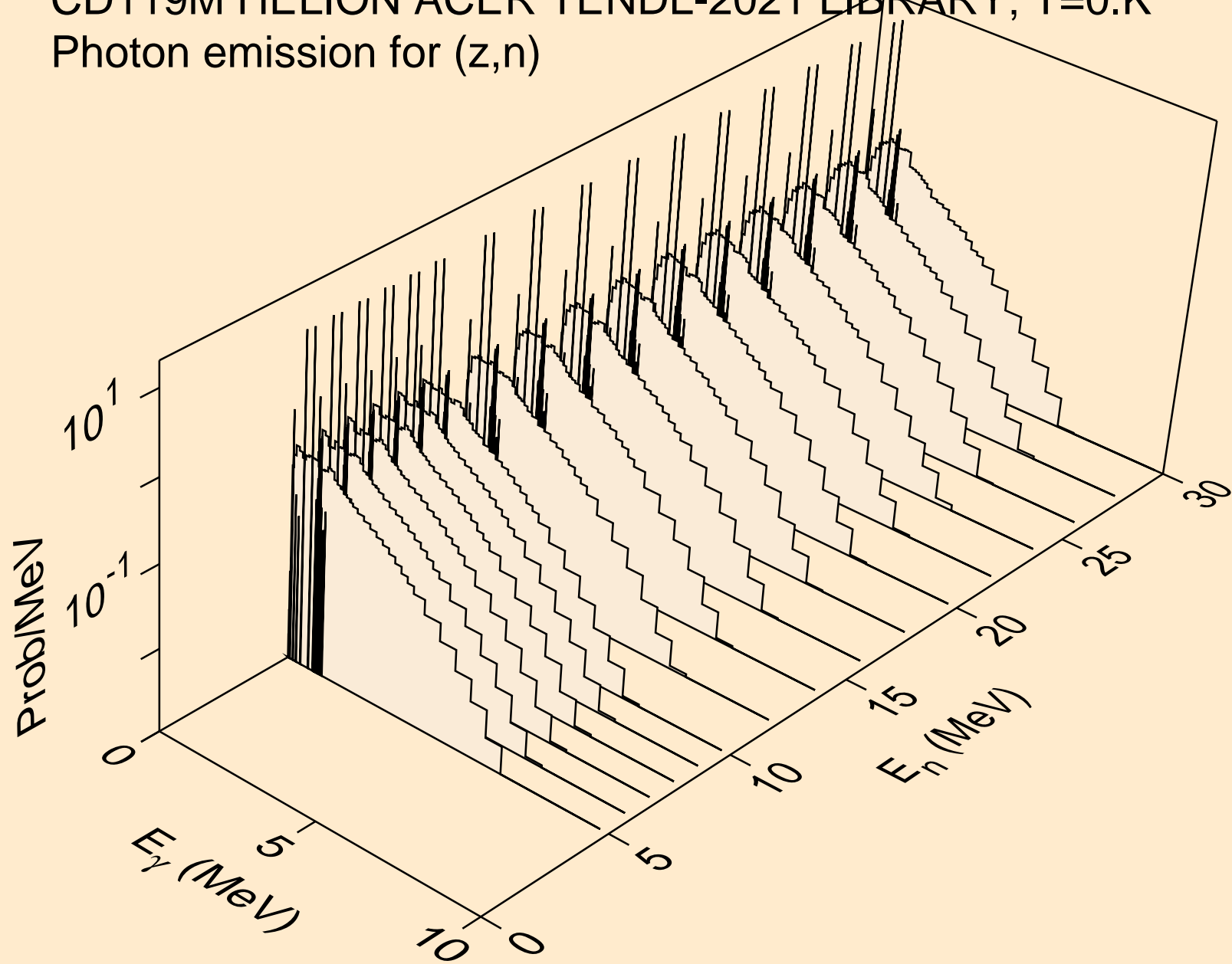




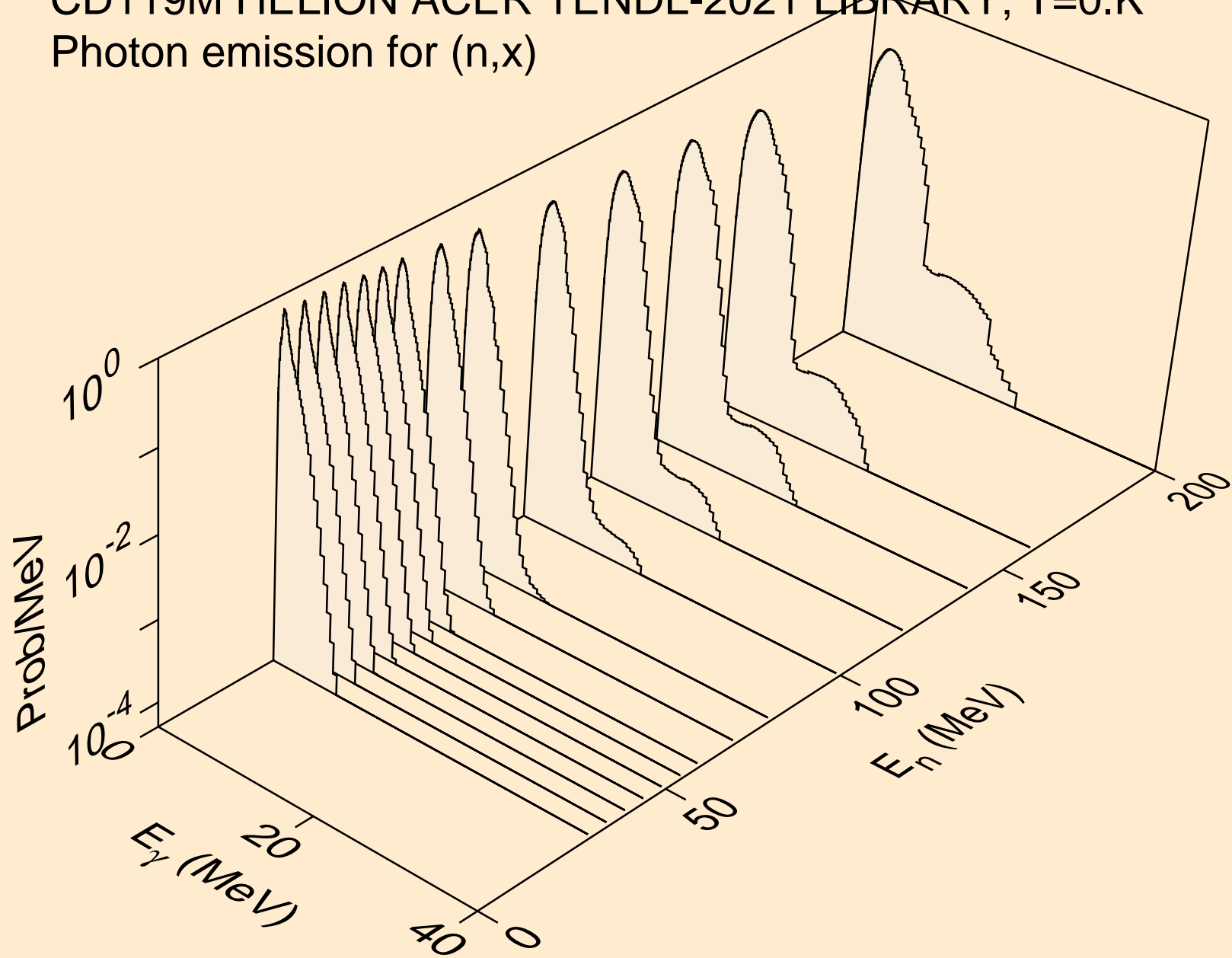
CD119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for inelastic



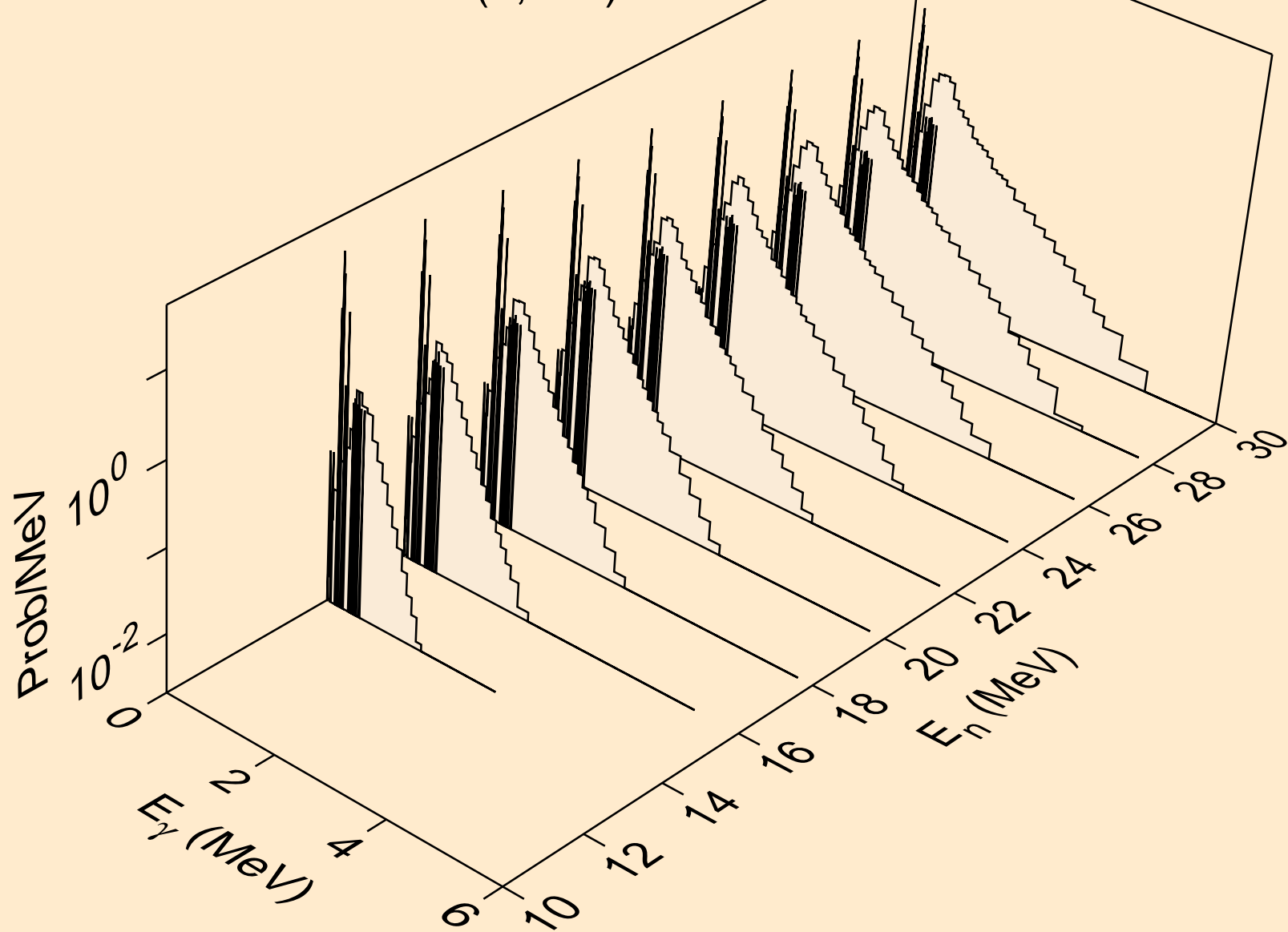
CD119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



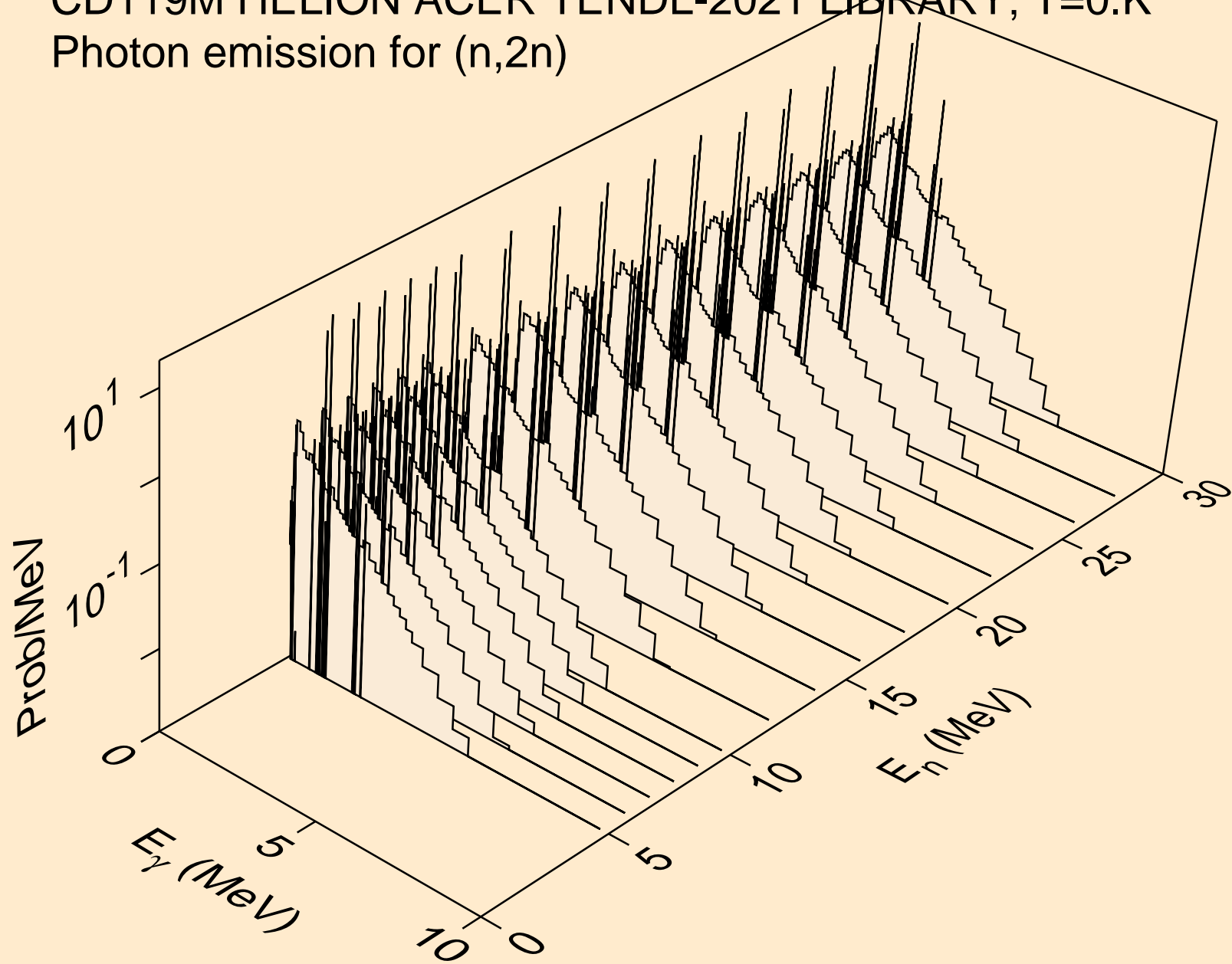
CD119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



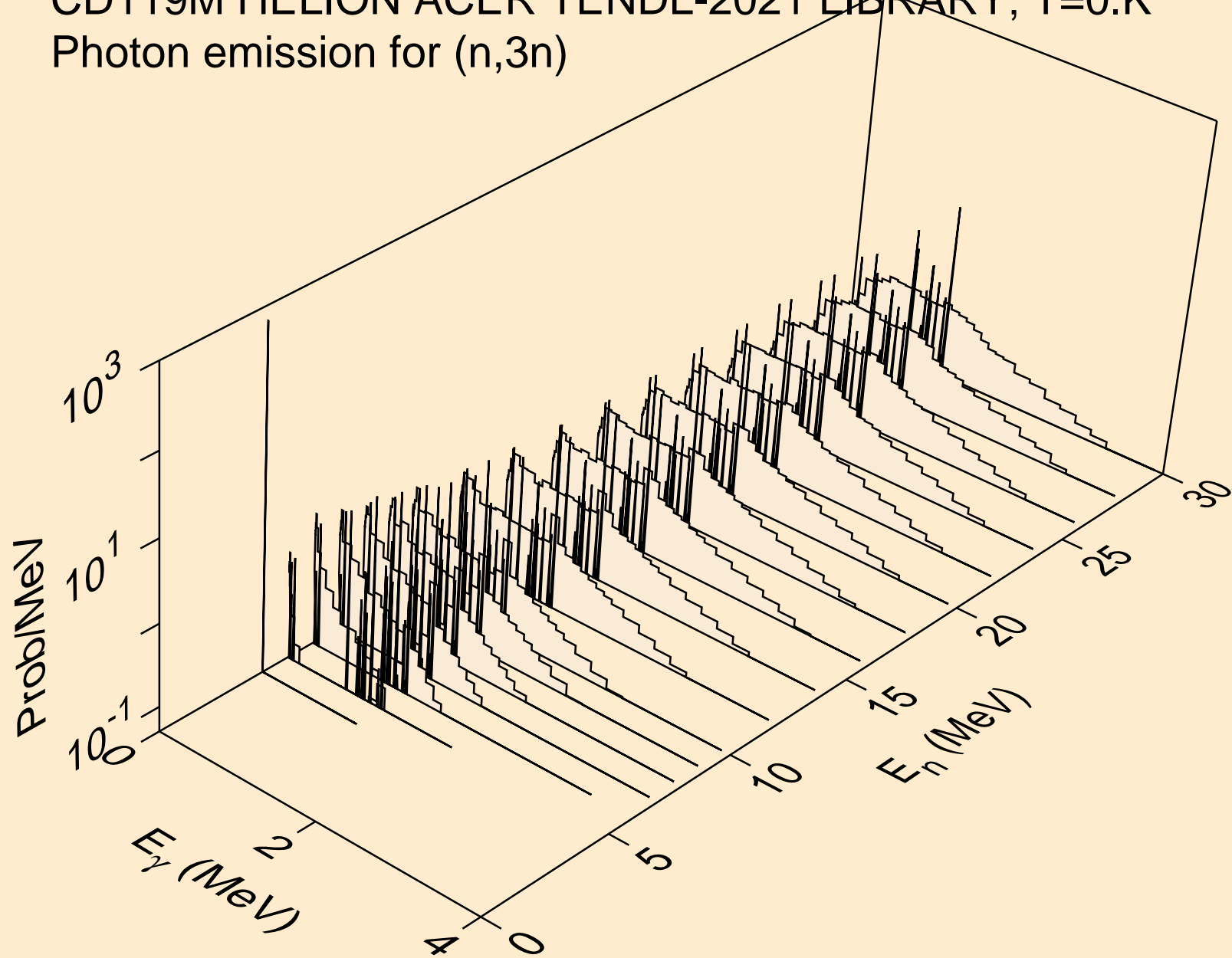
CD119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)



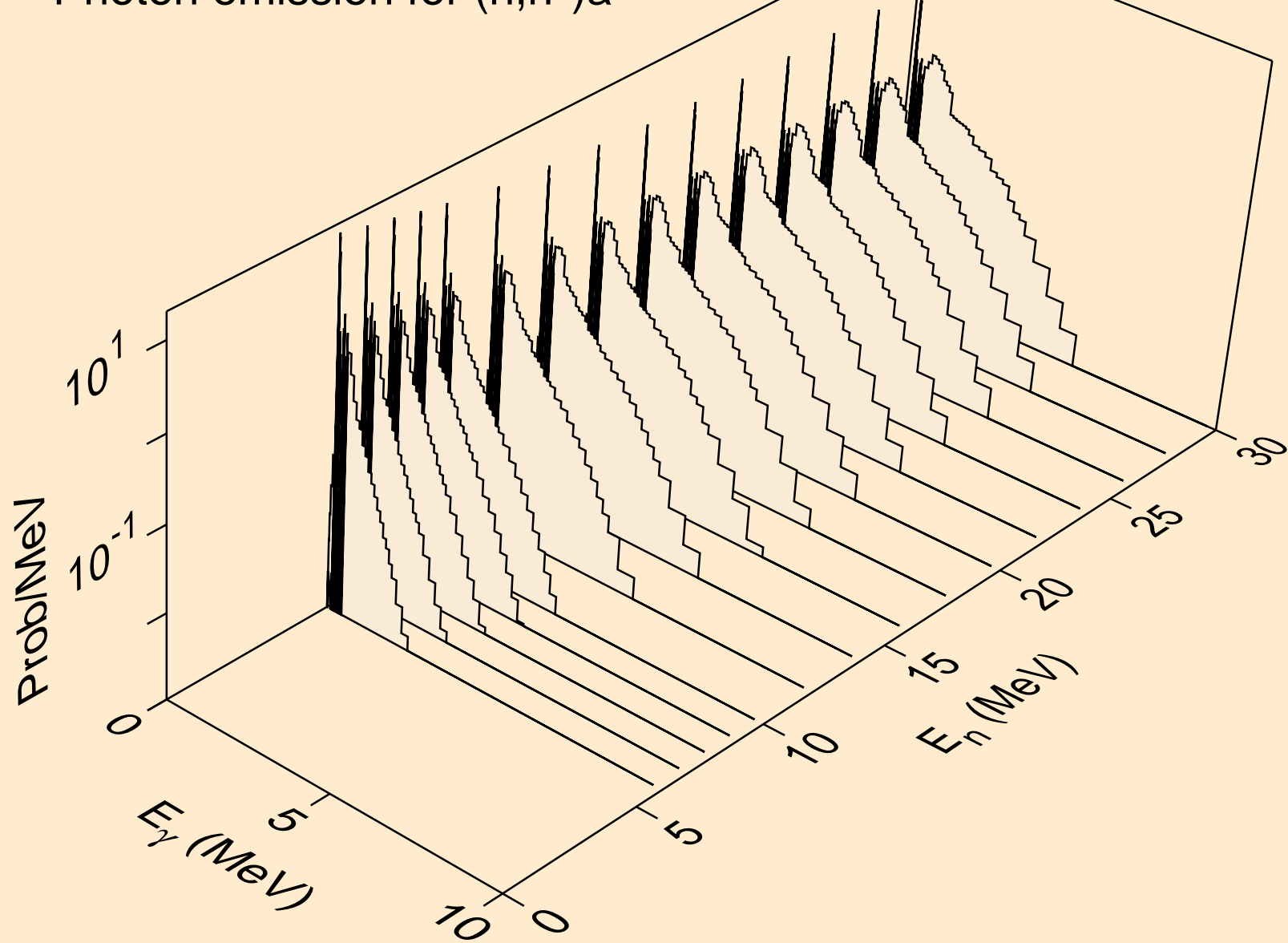
CD119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



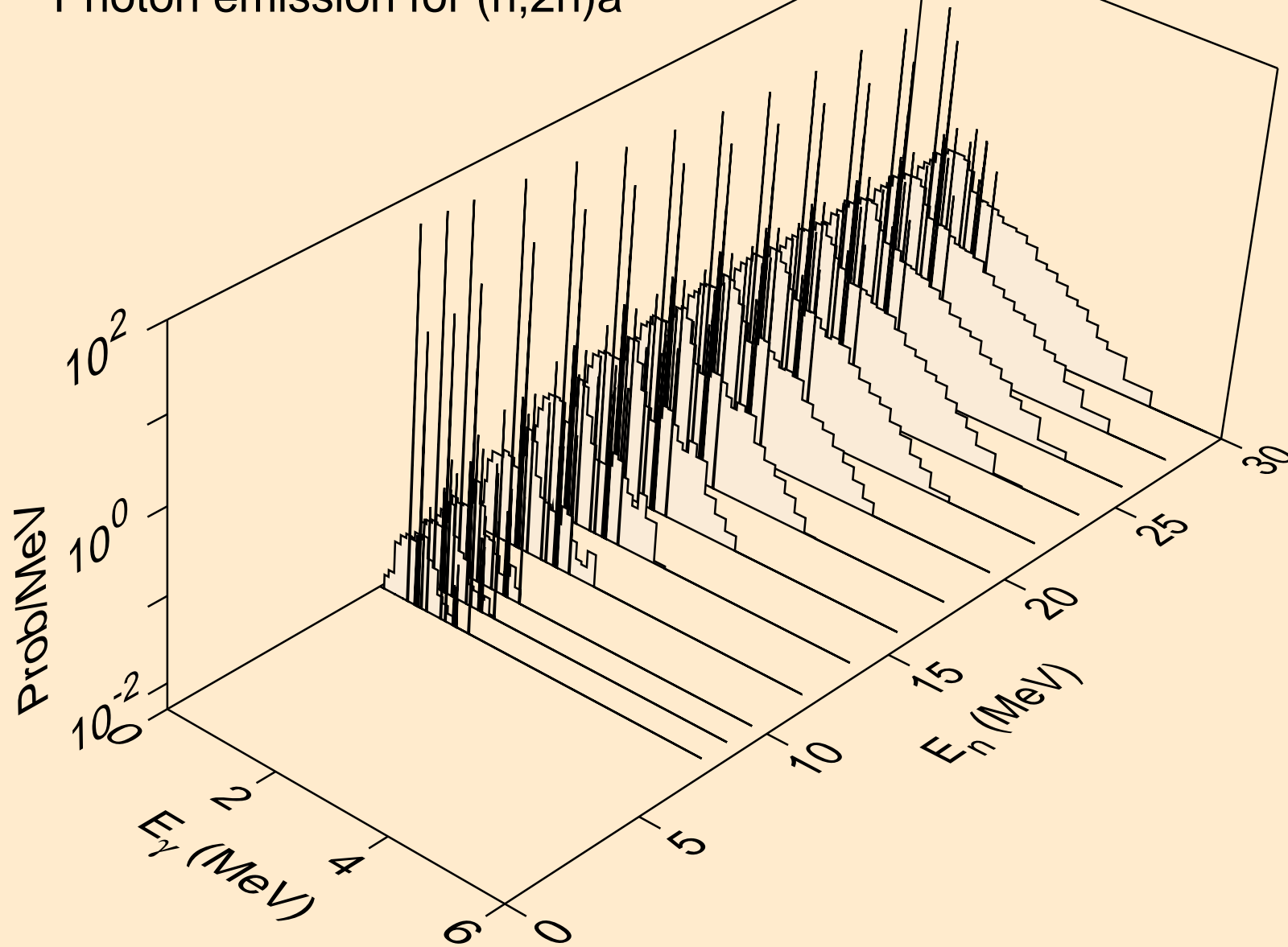
CD119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



CD119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

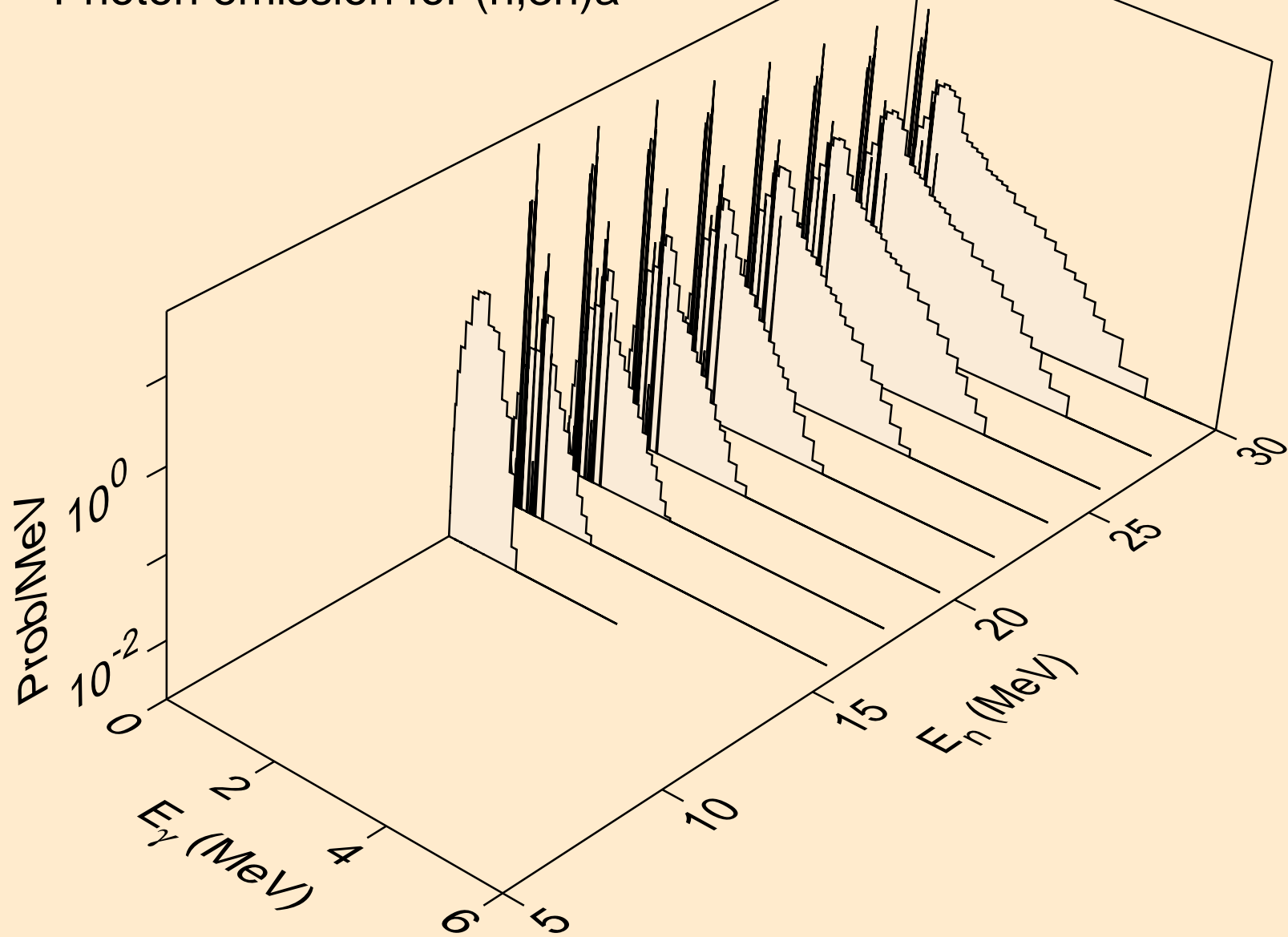


CD119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a

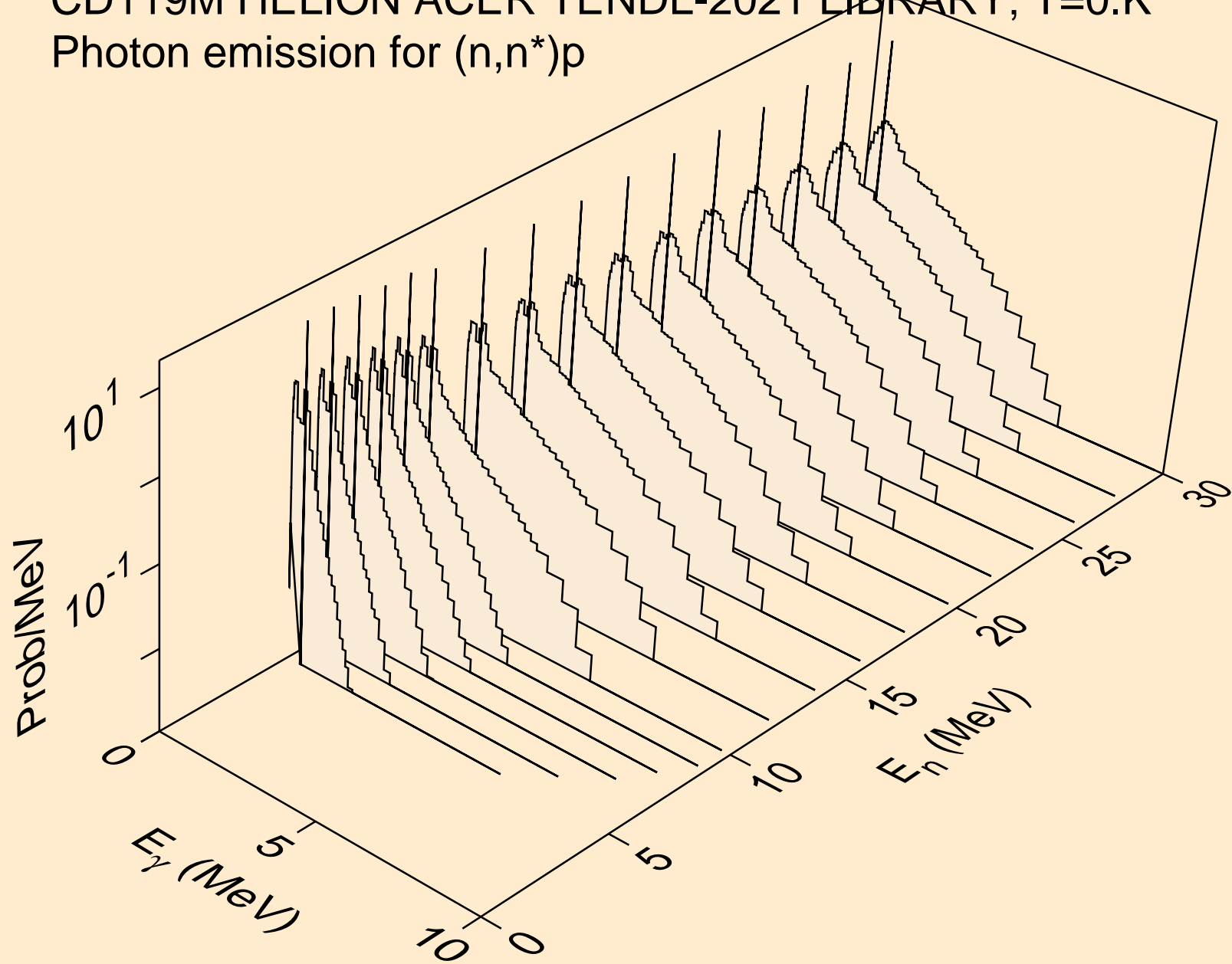




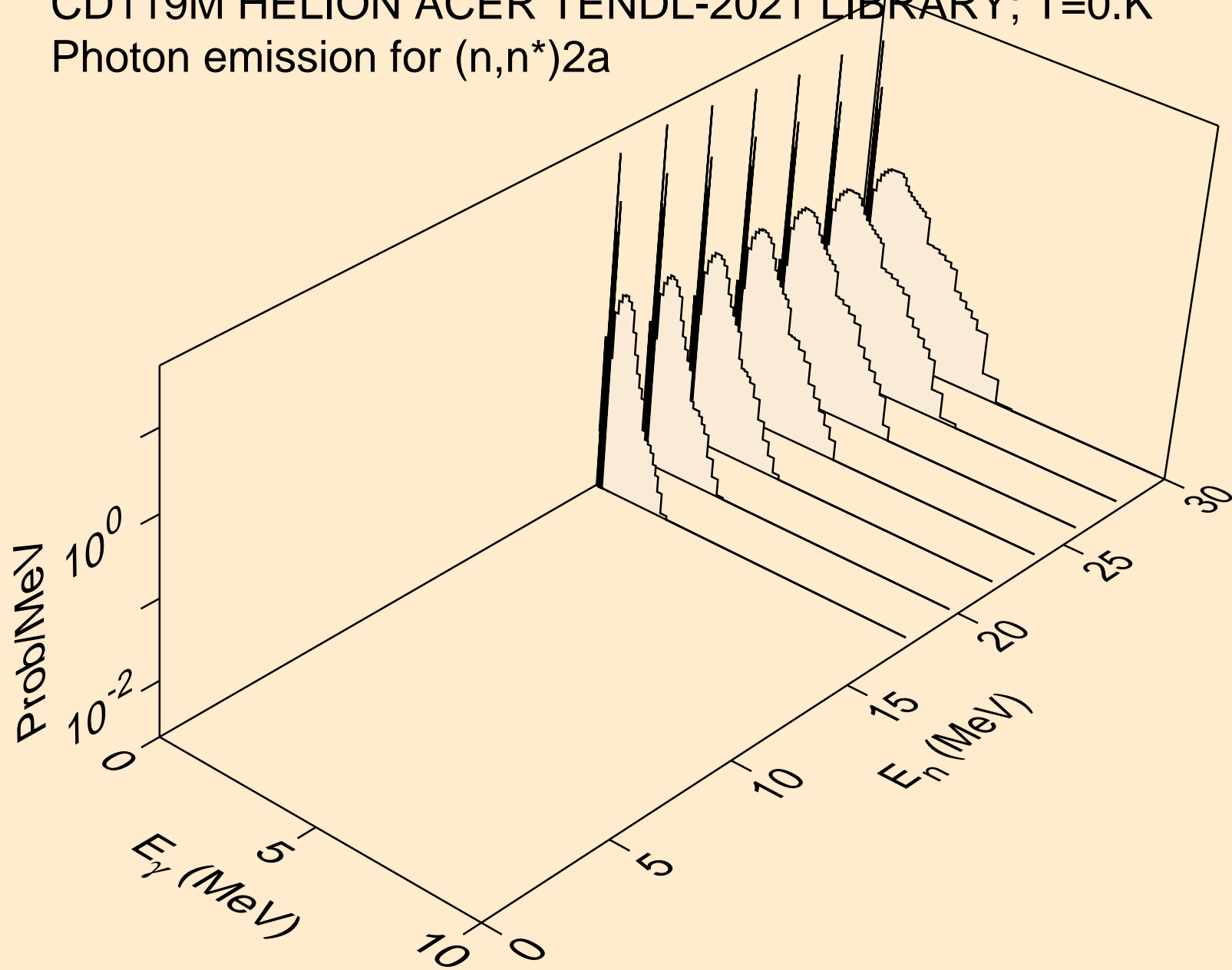
CD119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)a



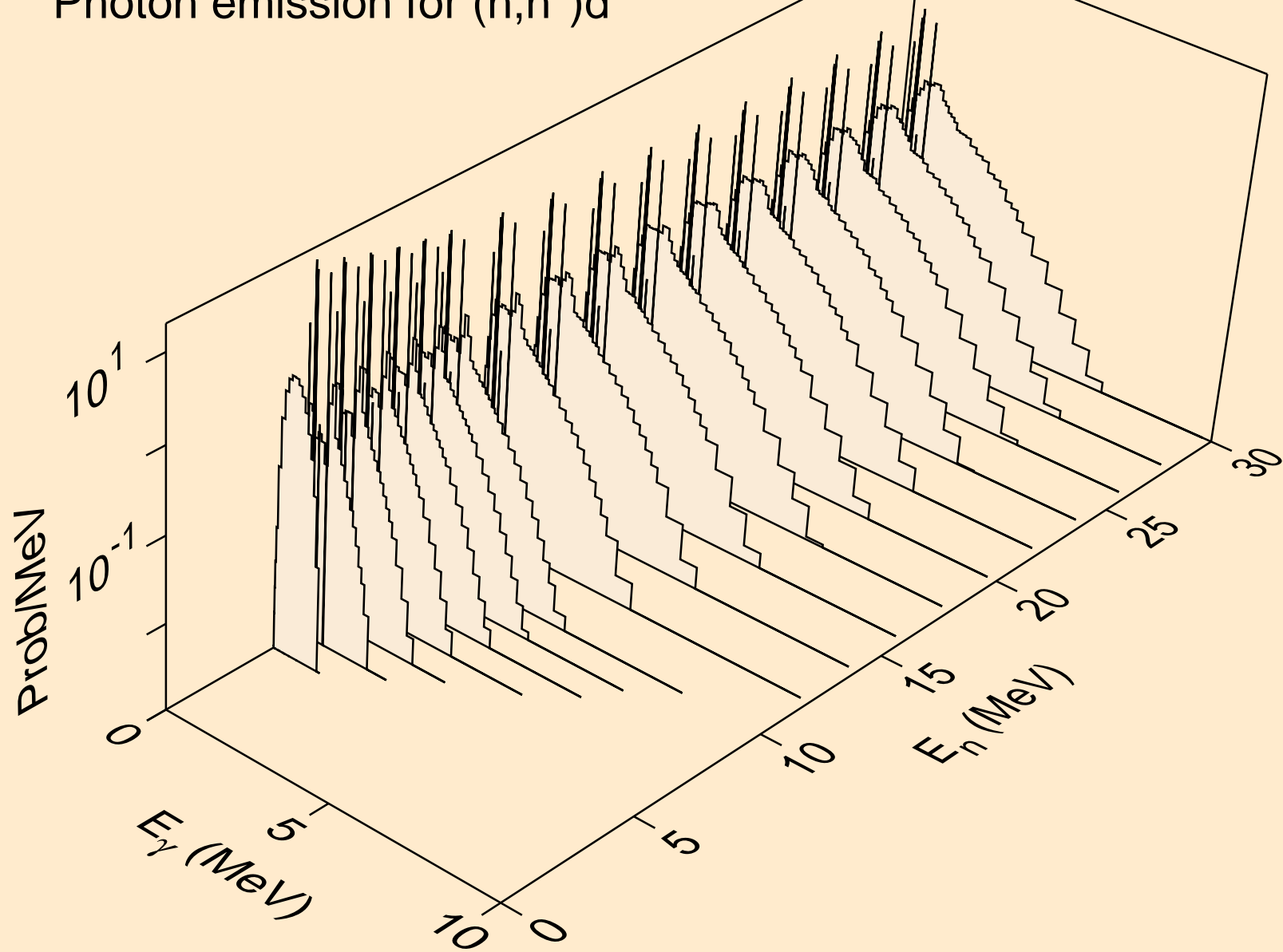
CD119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



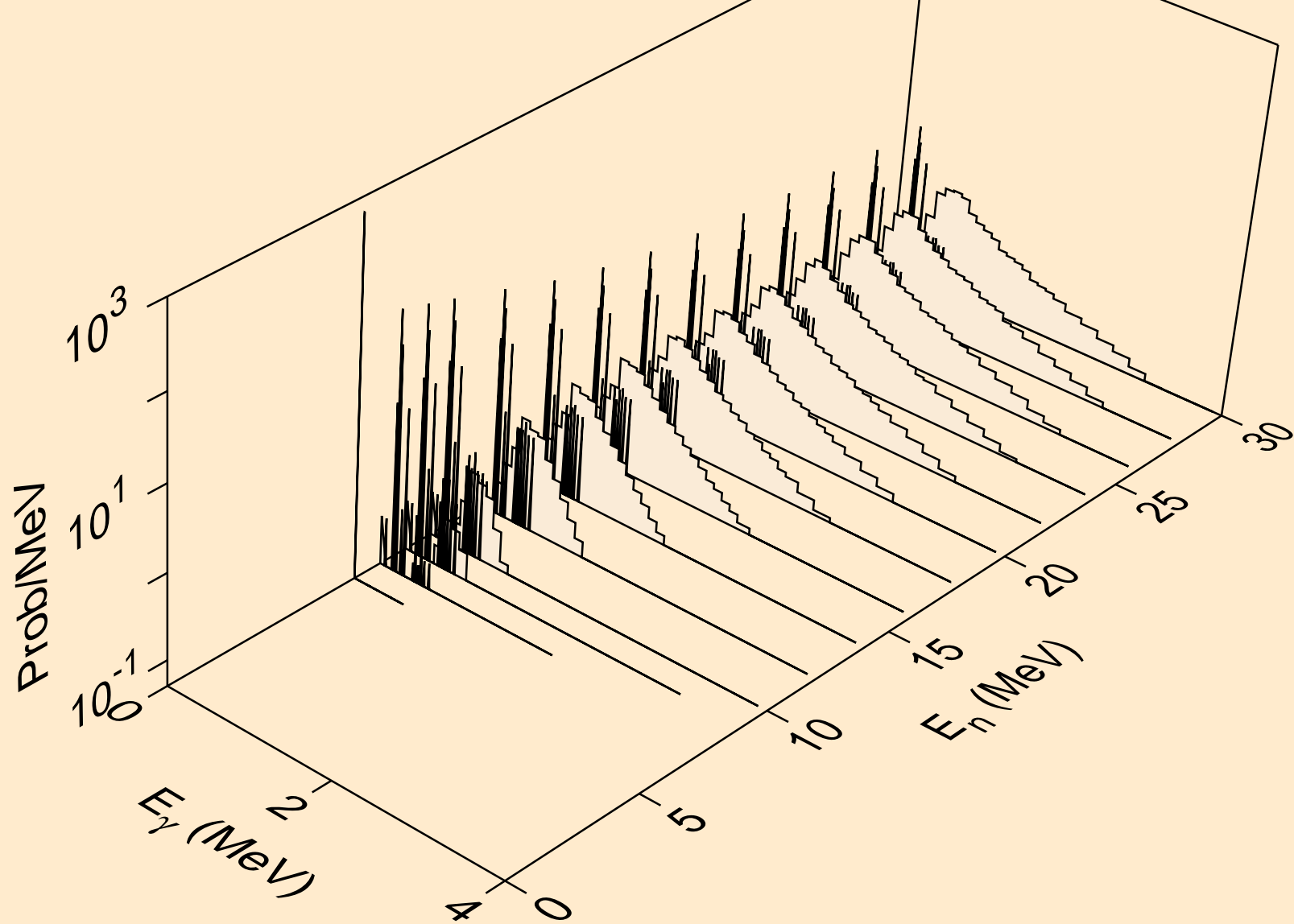
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Photon emission for (n,n\*)2a



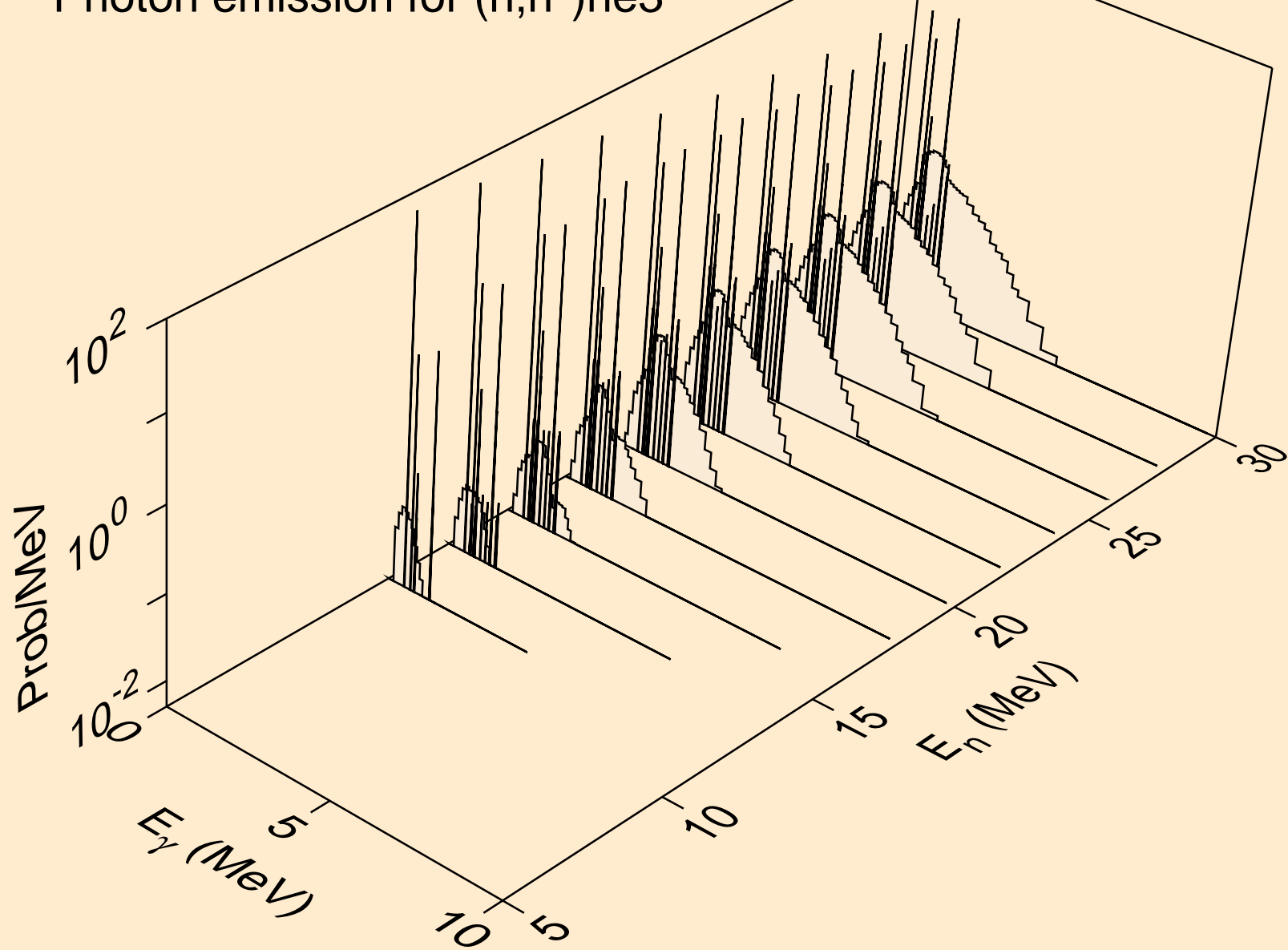
CD119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



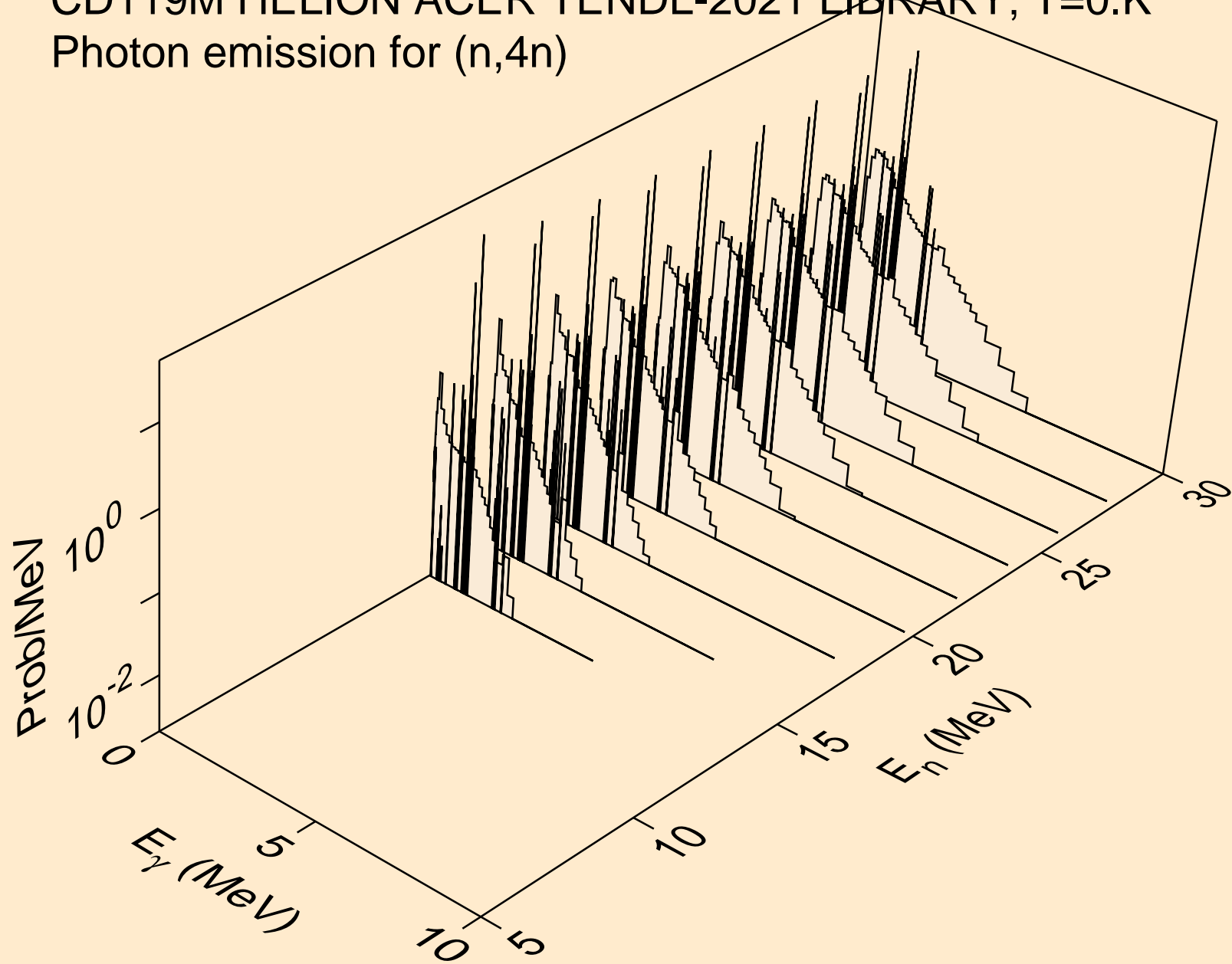
CD119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



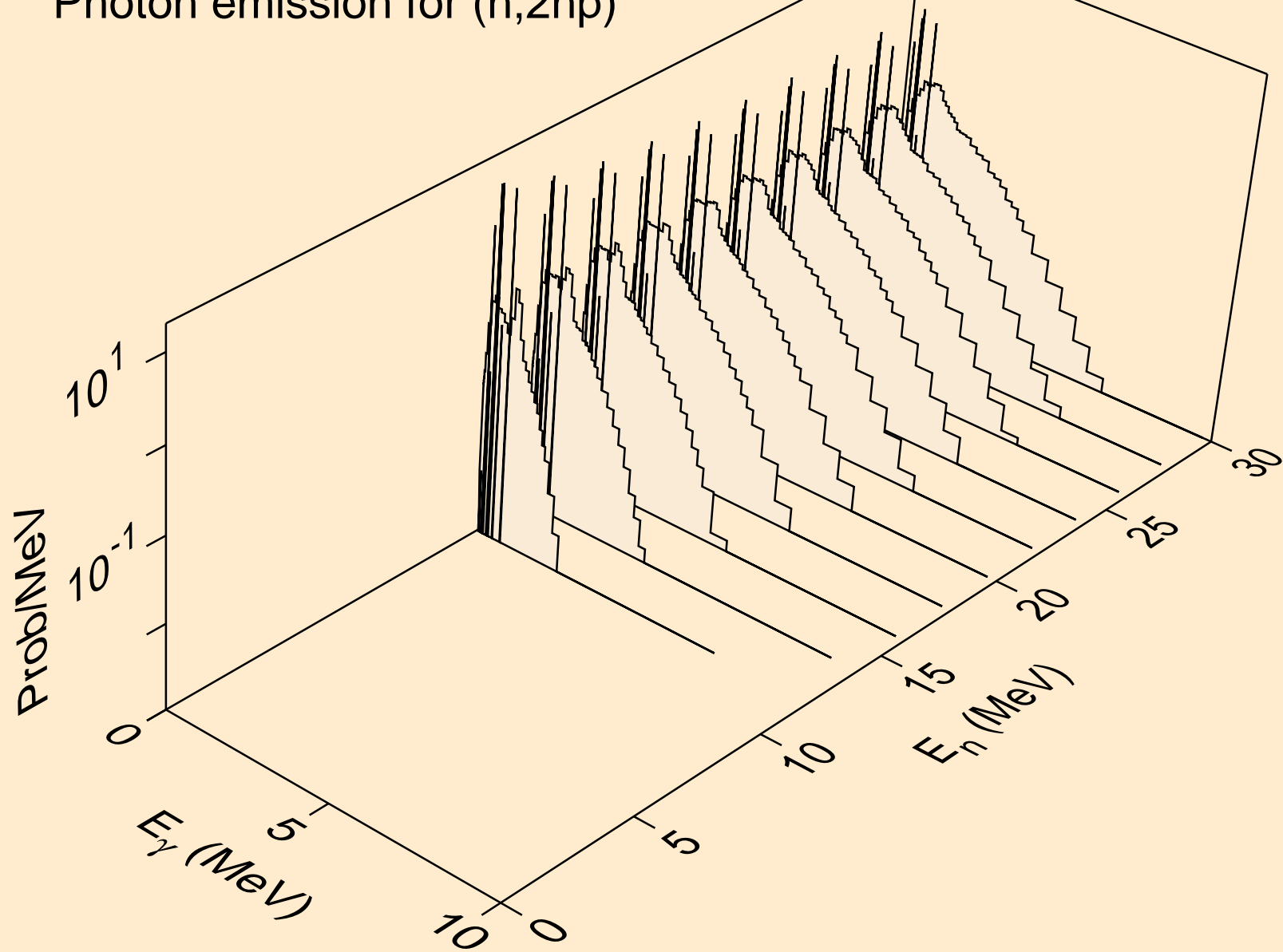
CD119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



CD119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,4n)

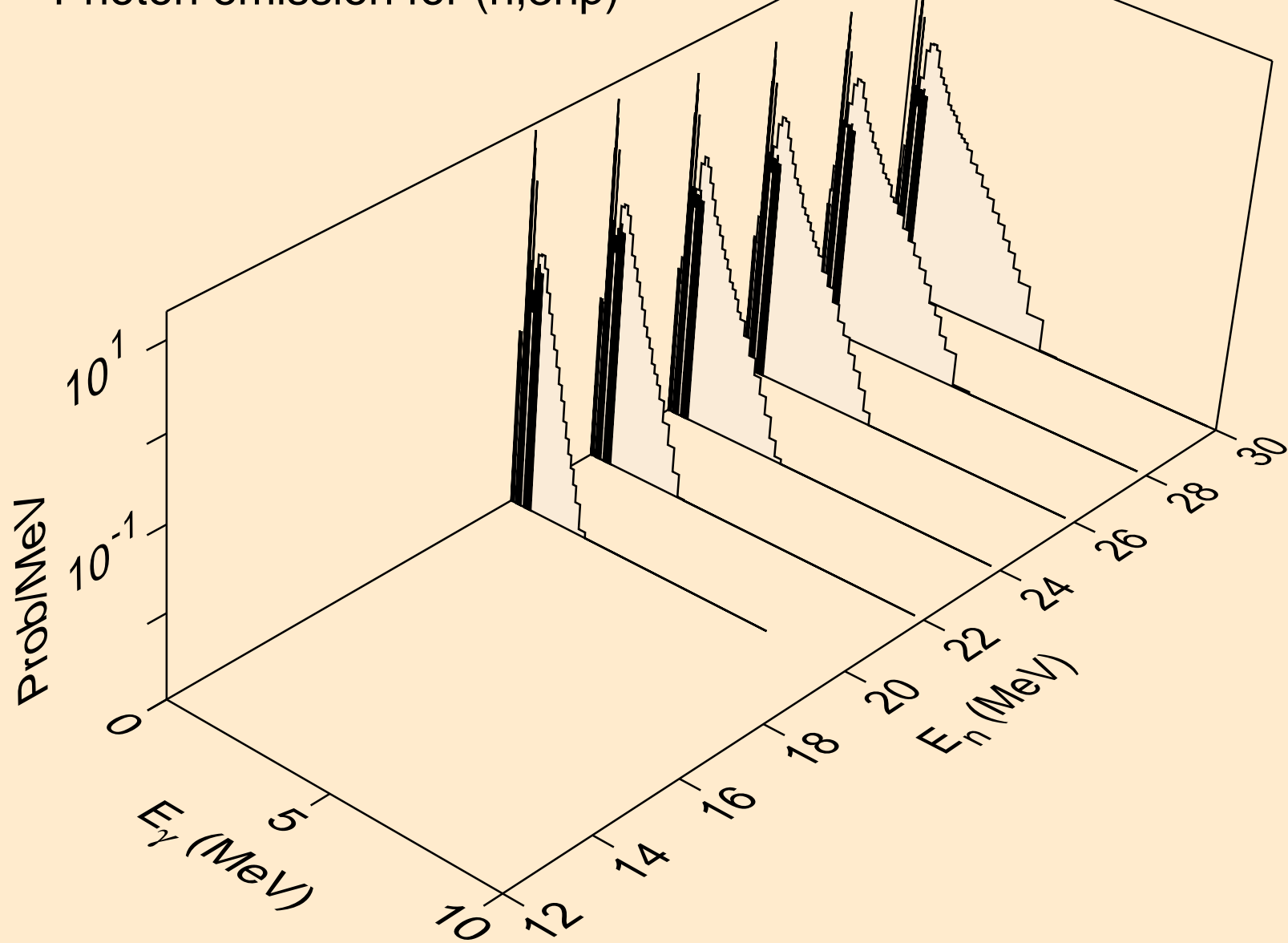


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Photon emission for (n,2np)

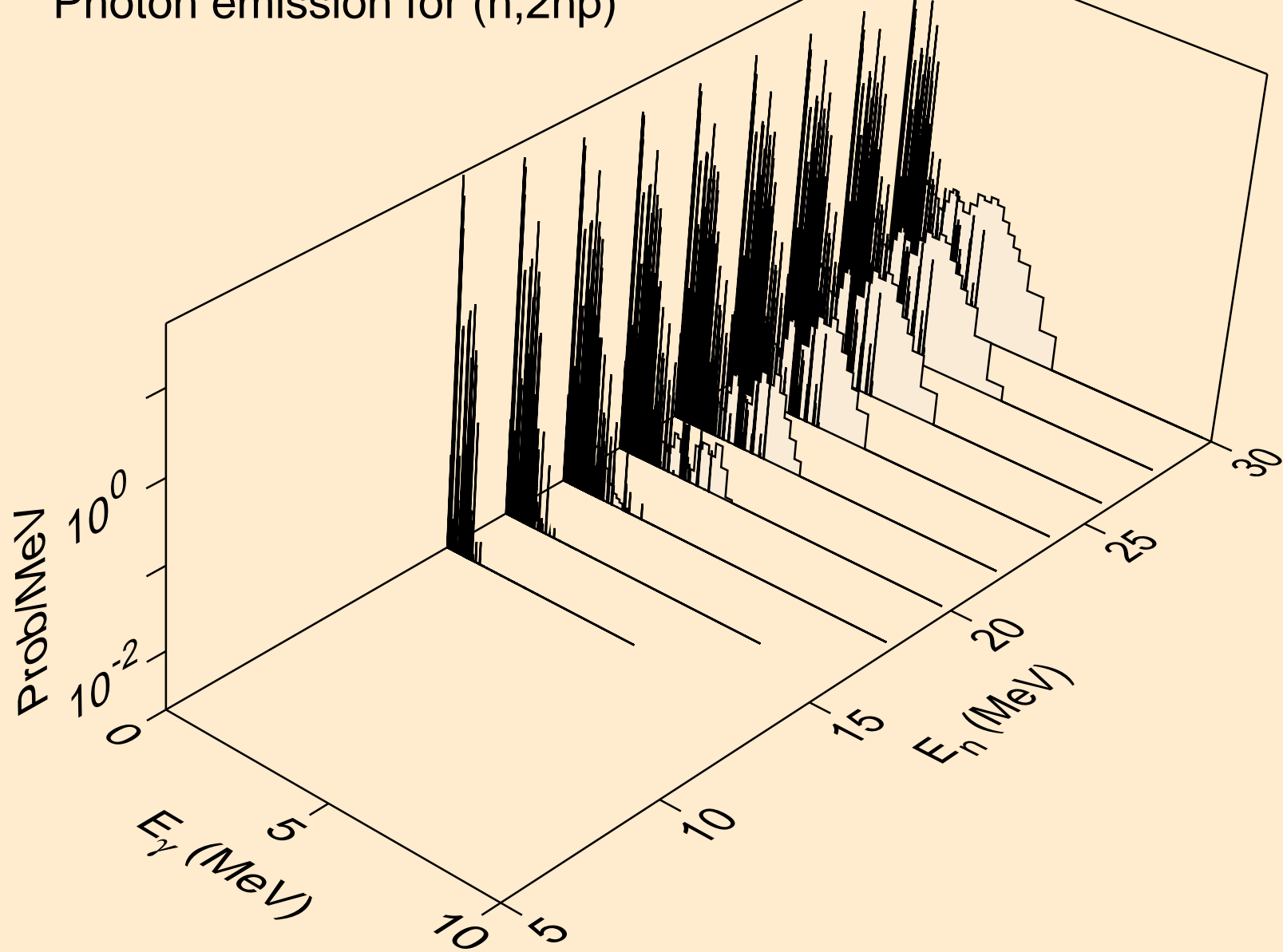




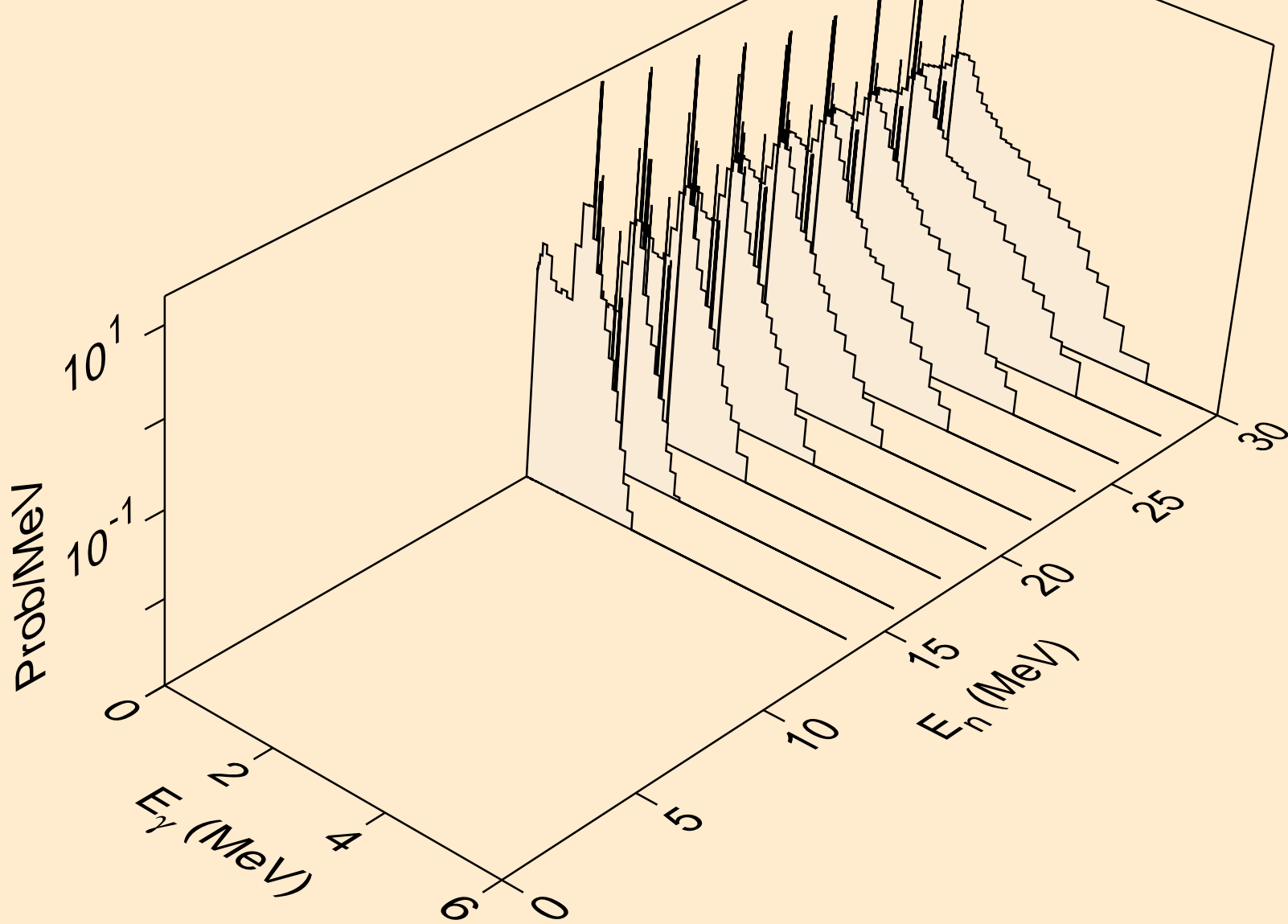
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Photon emission for (n,3np)



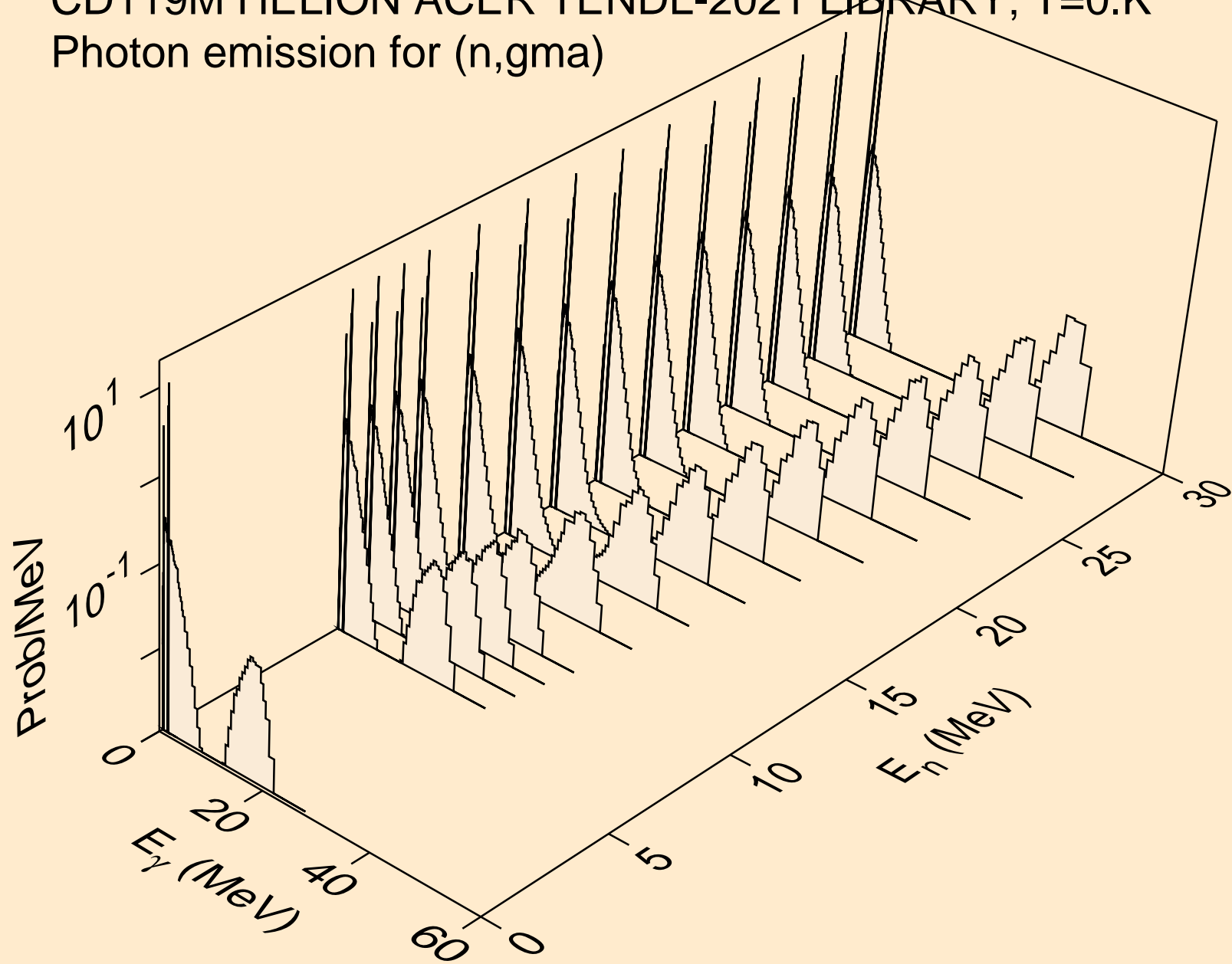
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Photon emission for (n,2np)



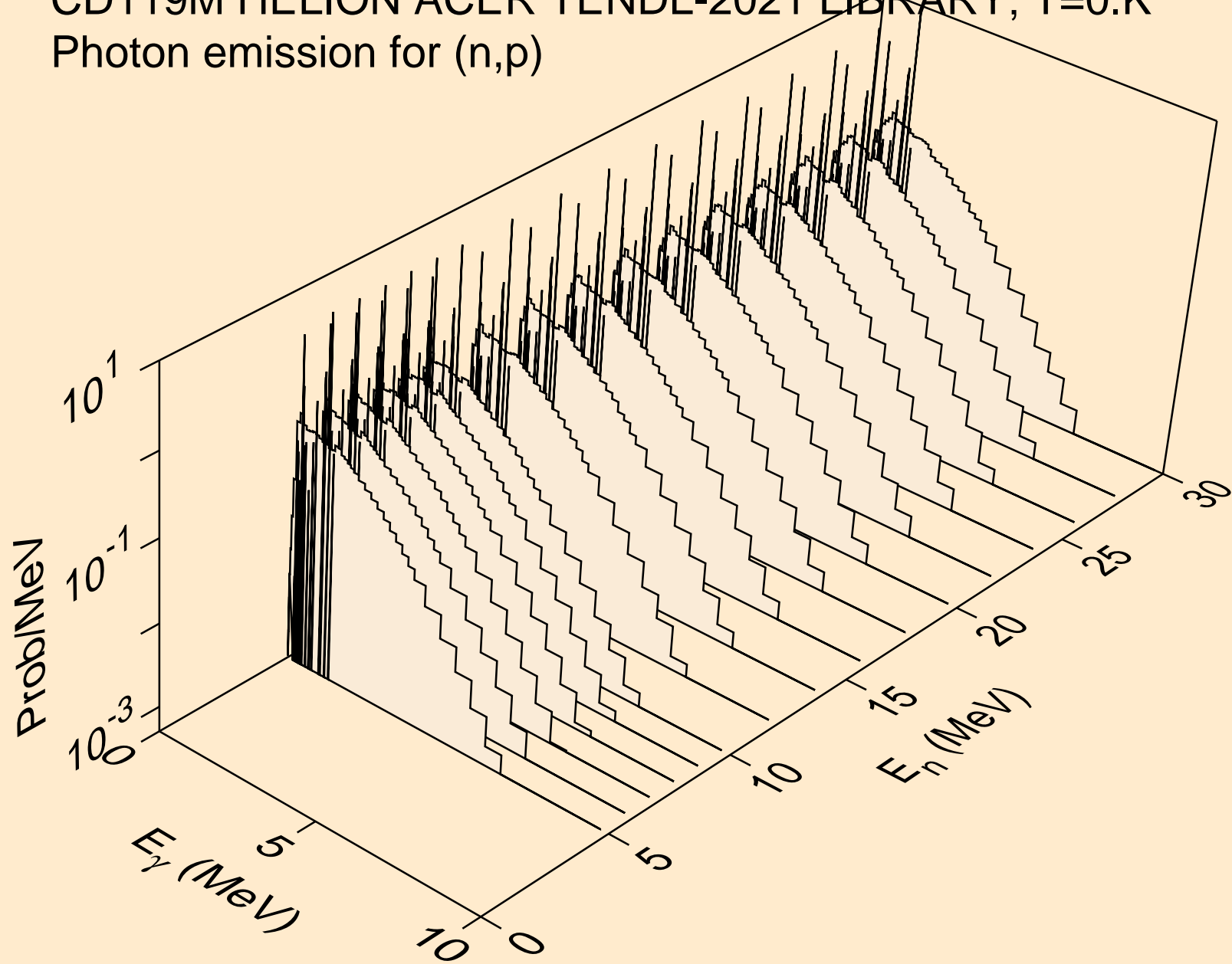
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Photon emission for (n,npa)



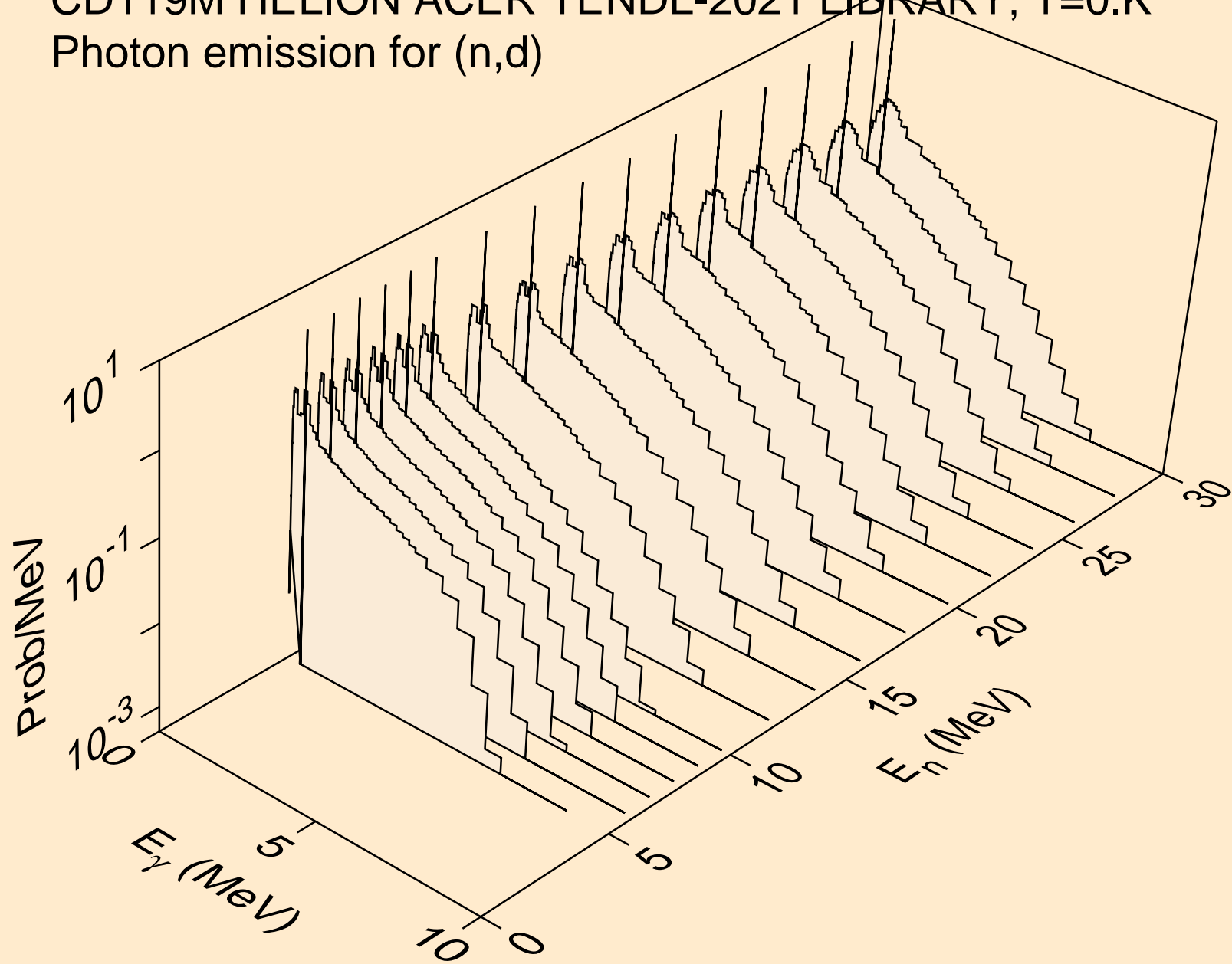
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Photon emission for (n,gma)



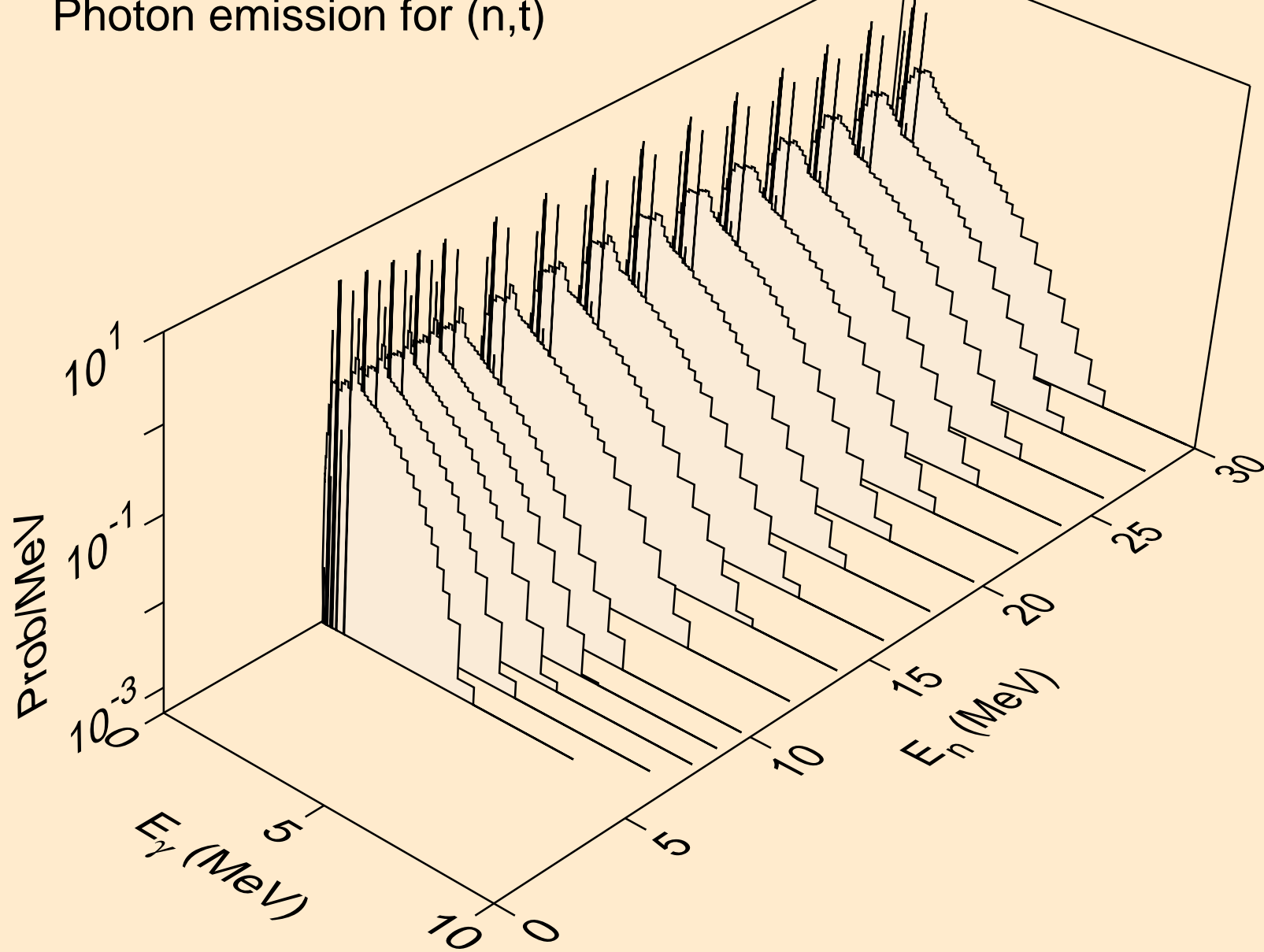
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Photon emission for (n,p)



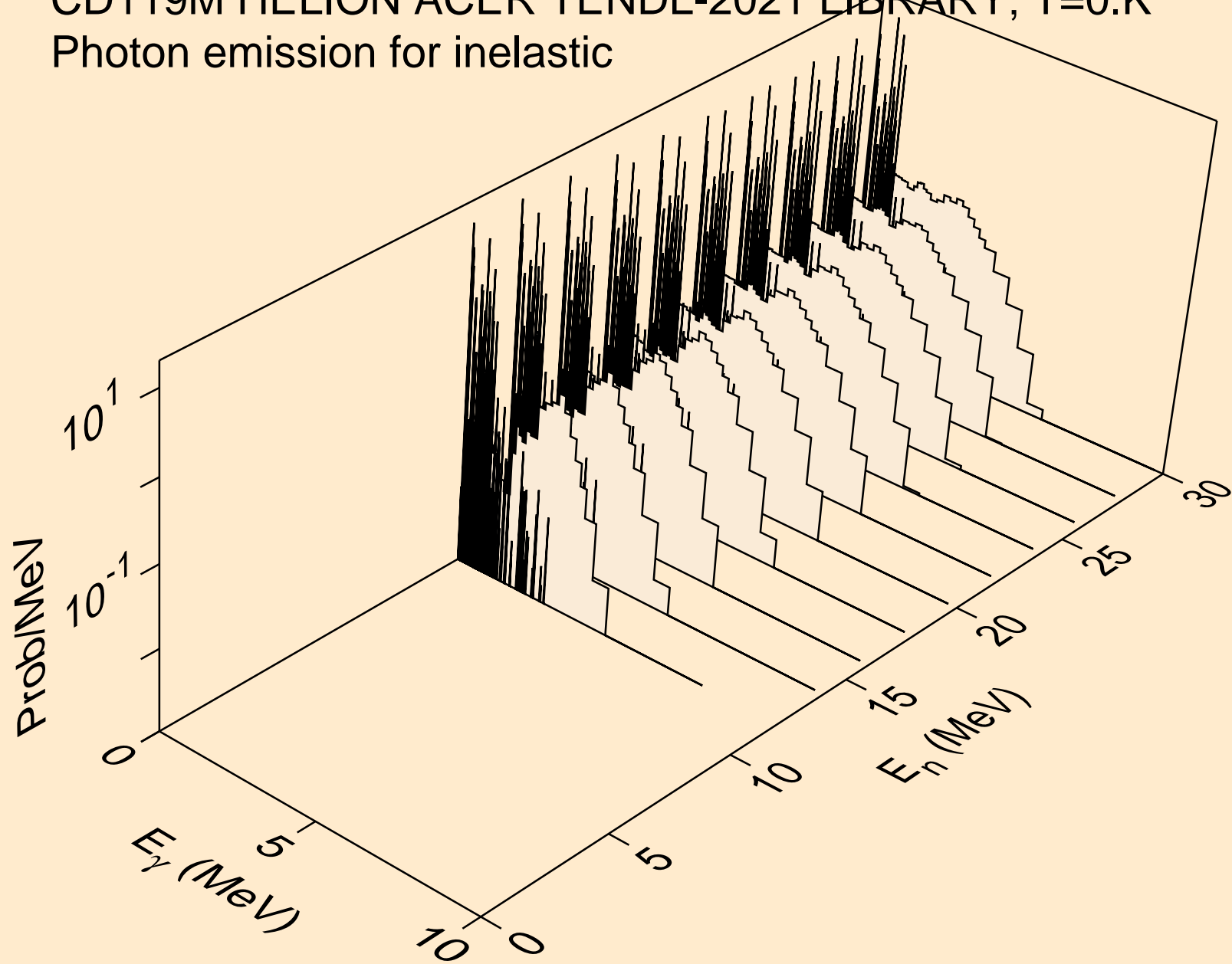
CD119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)



CD119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)

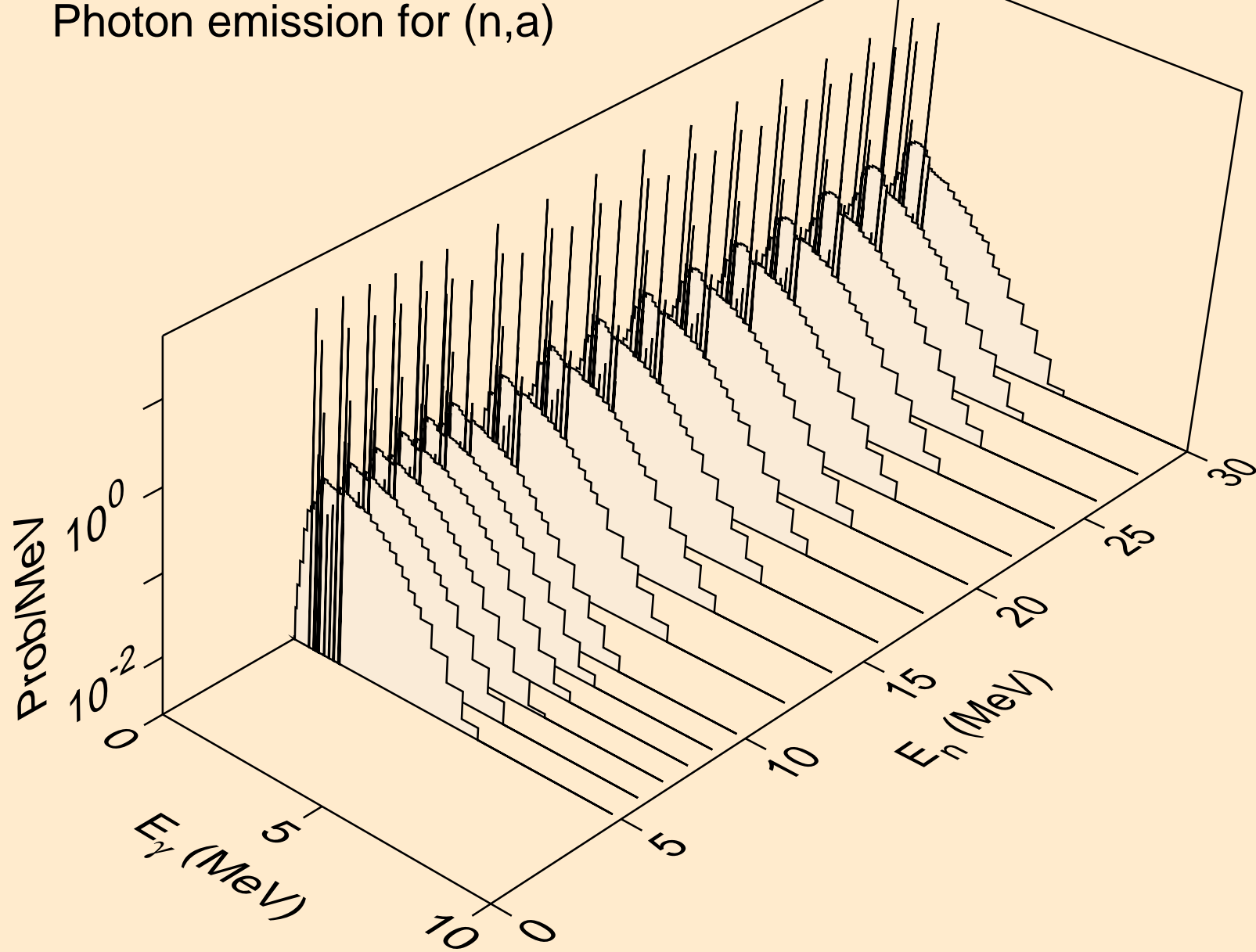


CD119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic

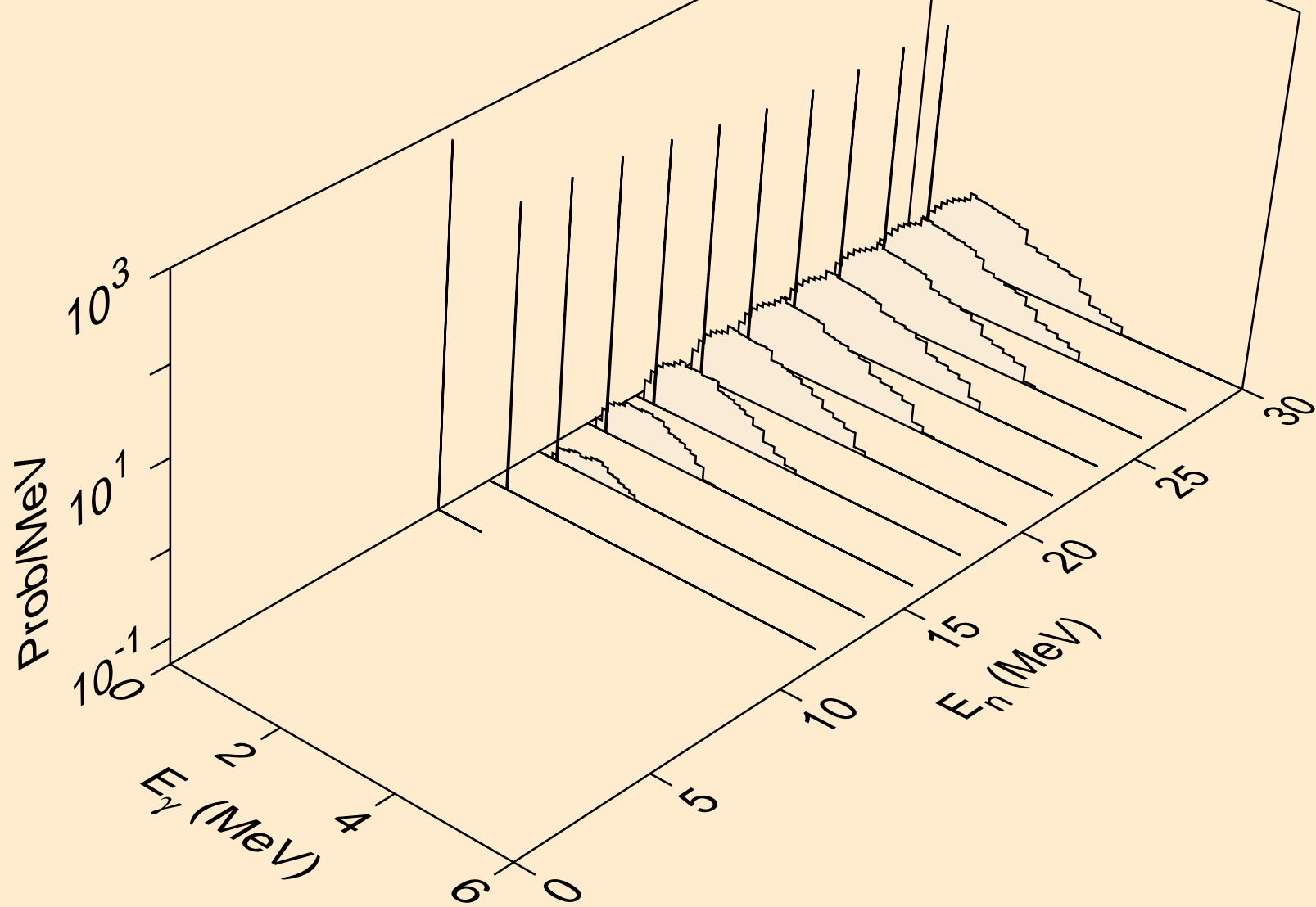




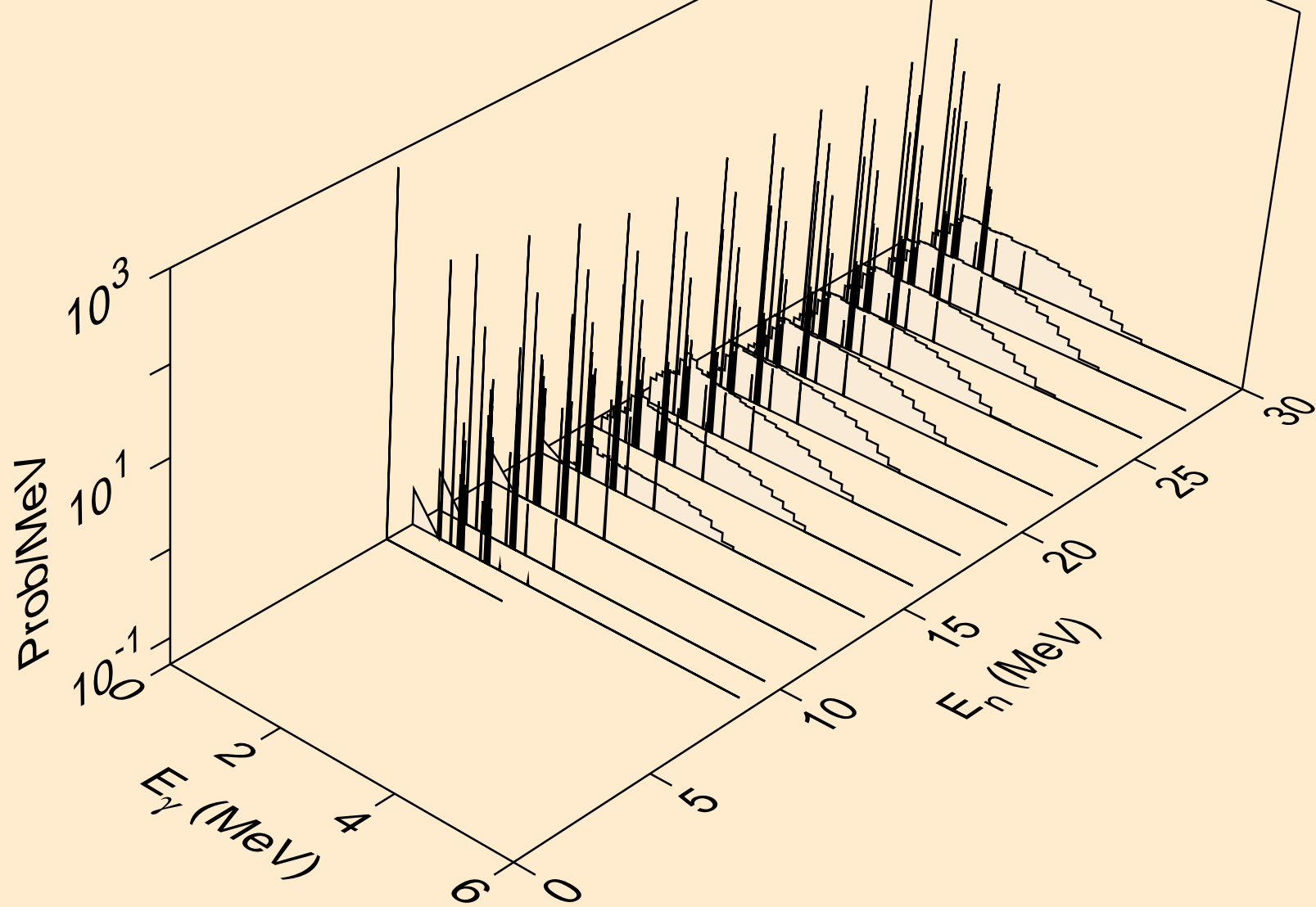
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Photon emission for (n,a)



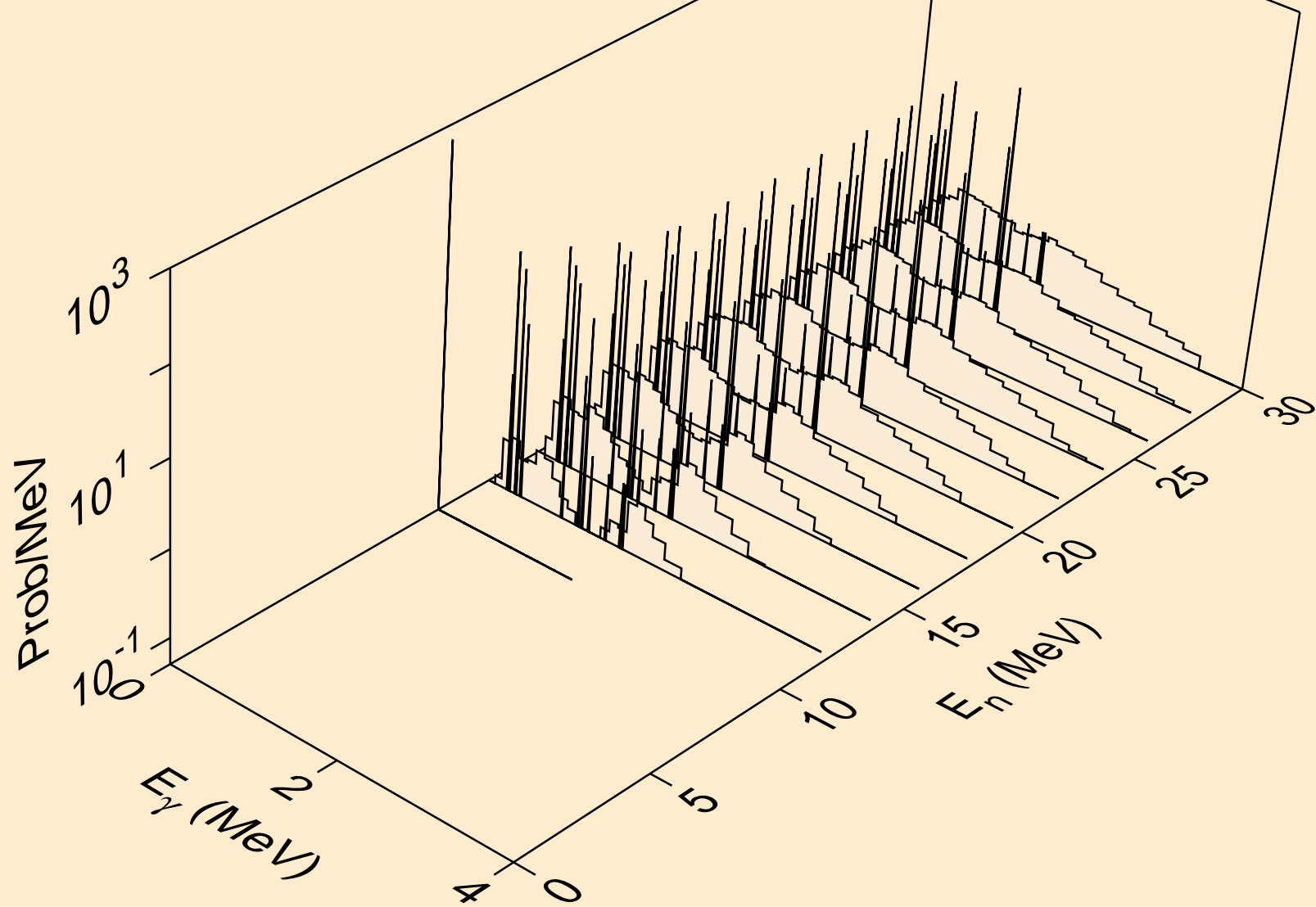
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Photon emission for (n,2a)



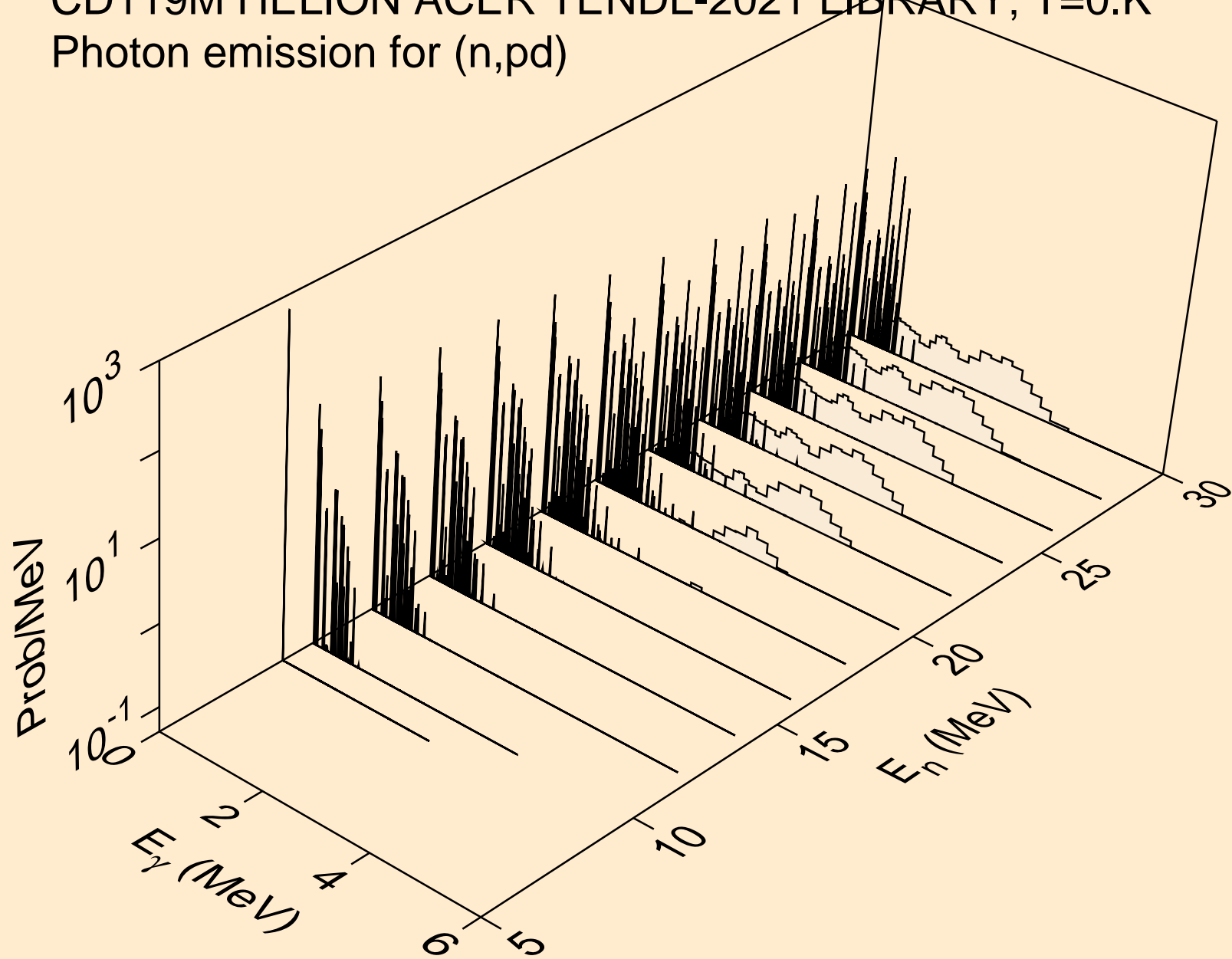
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Photon emission for (n,2p)



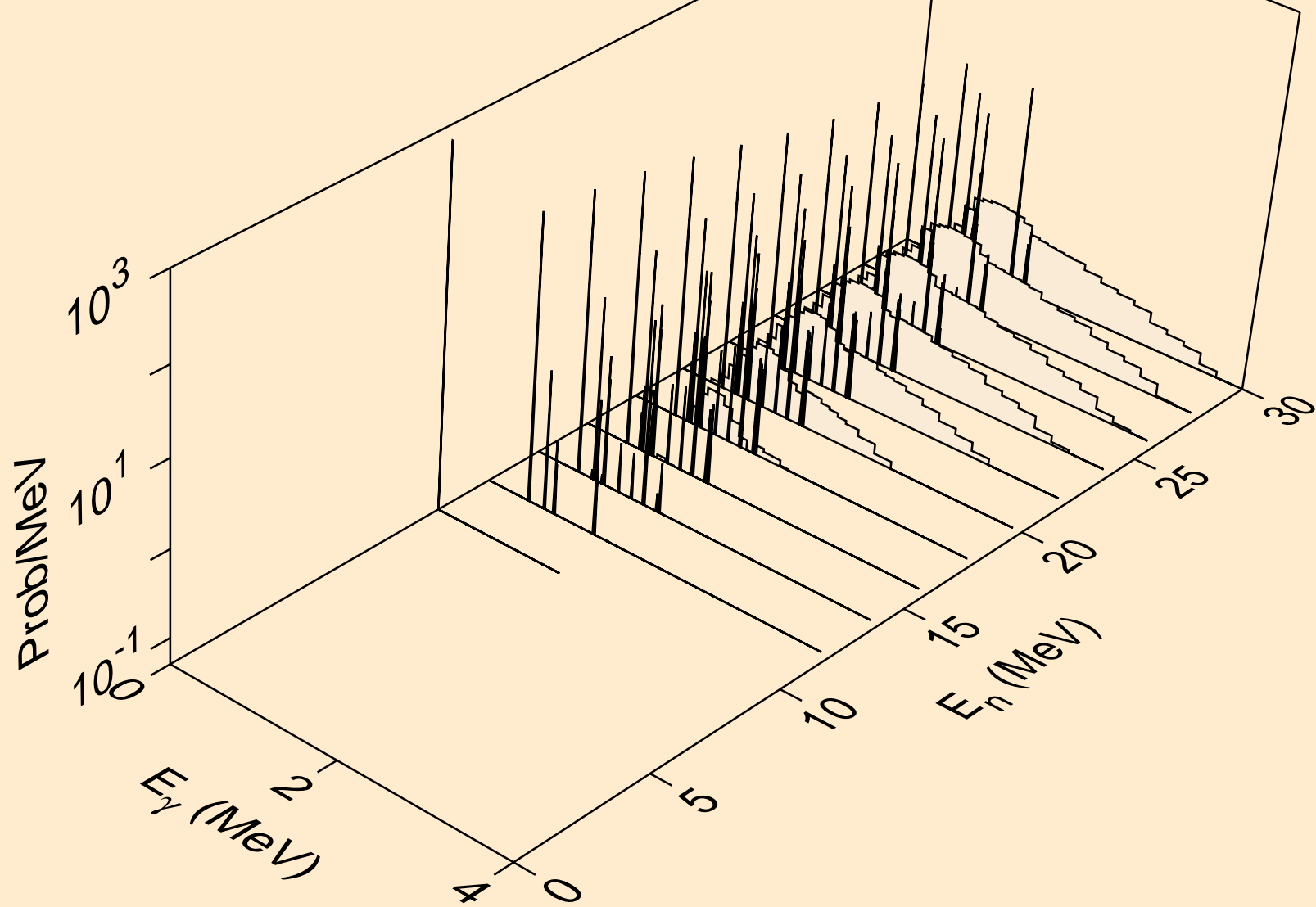
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Photon emission for (n,pa)



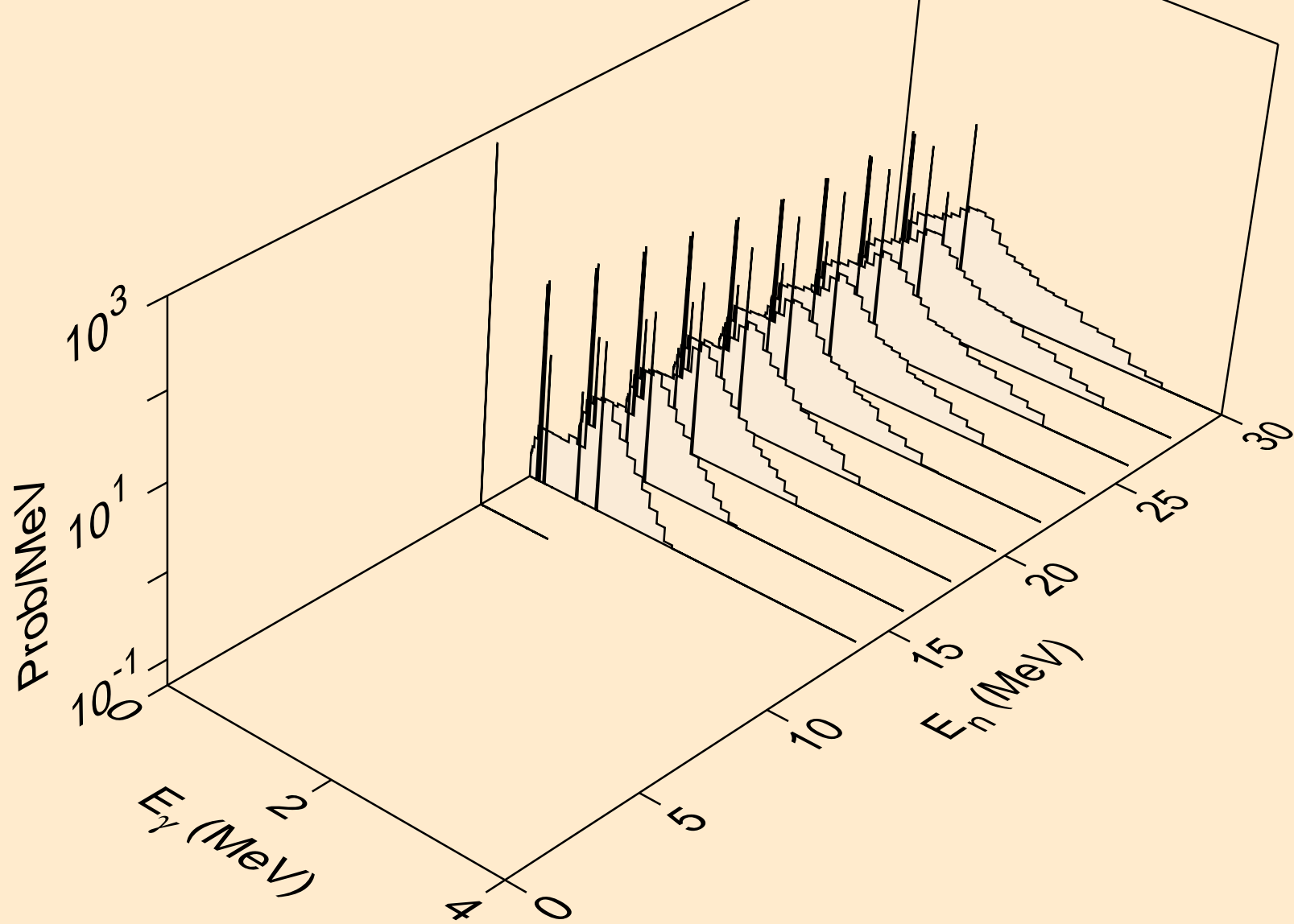
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Photon emission for (n,pd)



CD119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)

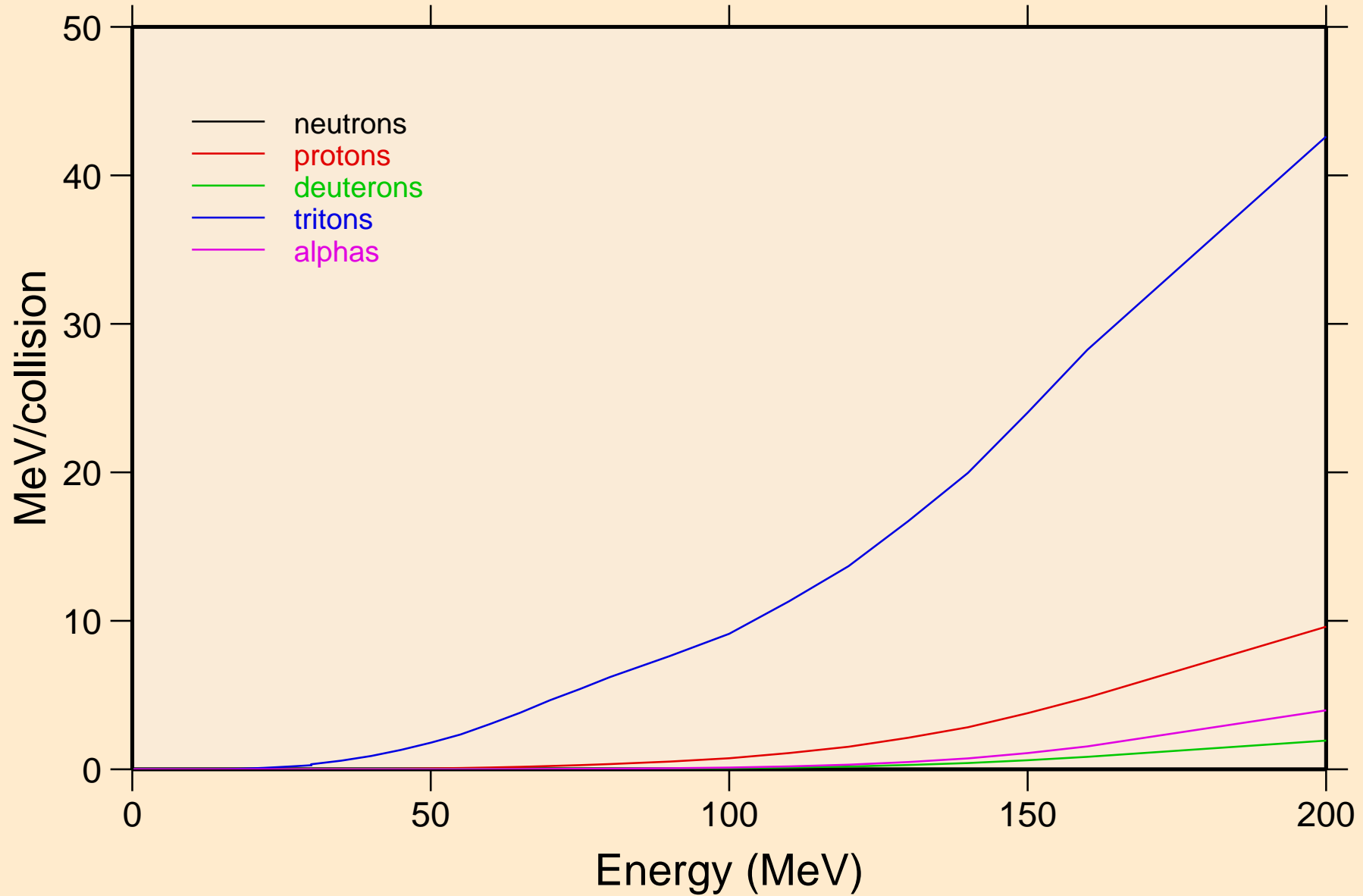


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Photon emission for (n,da)



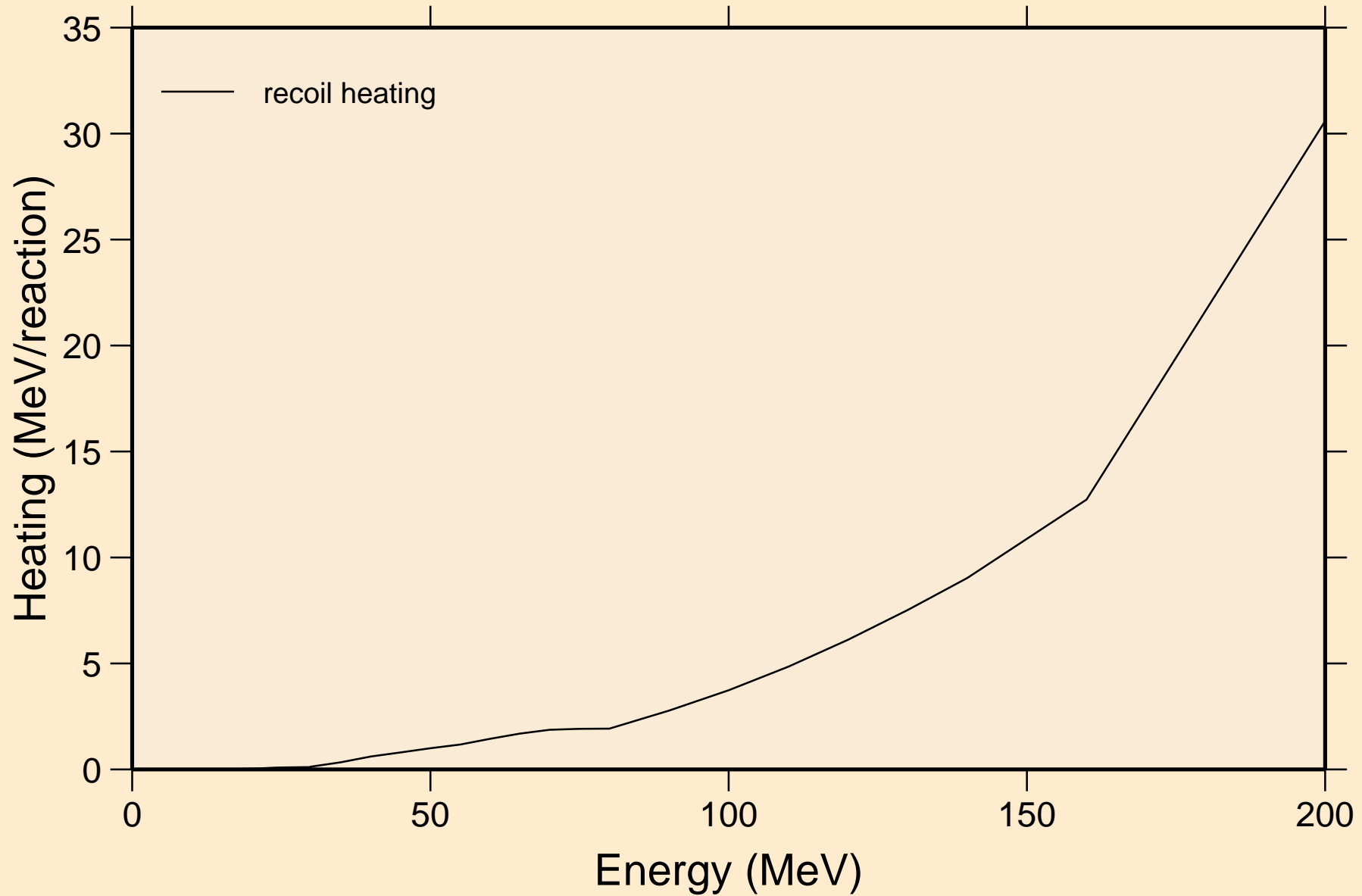
# CD119M HELION ACER TENDL-2021 LIBRARY; T=0.K

## Particle heating contributions



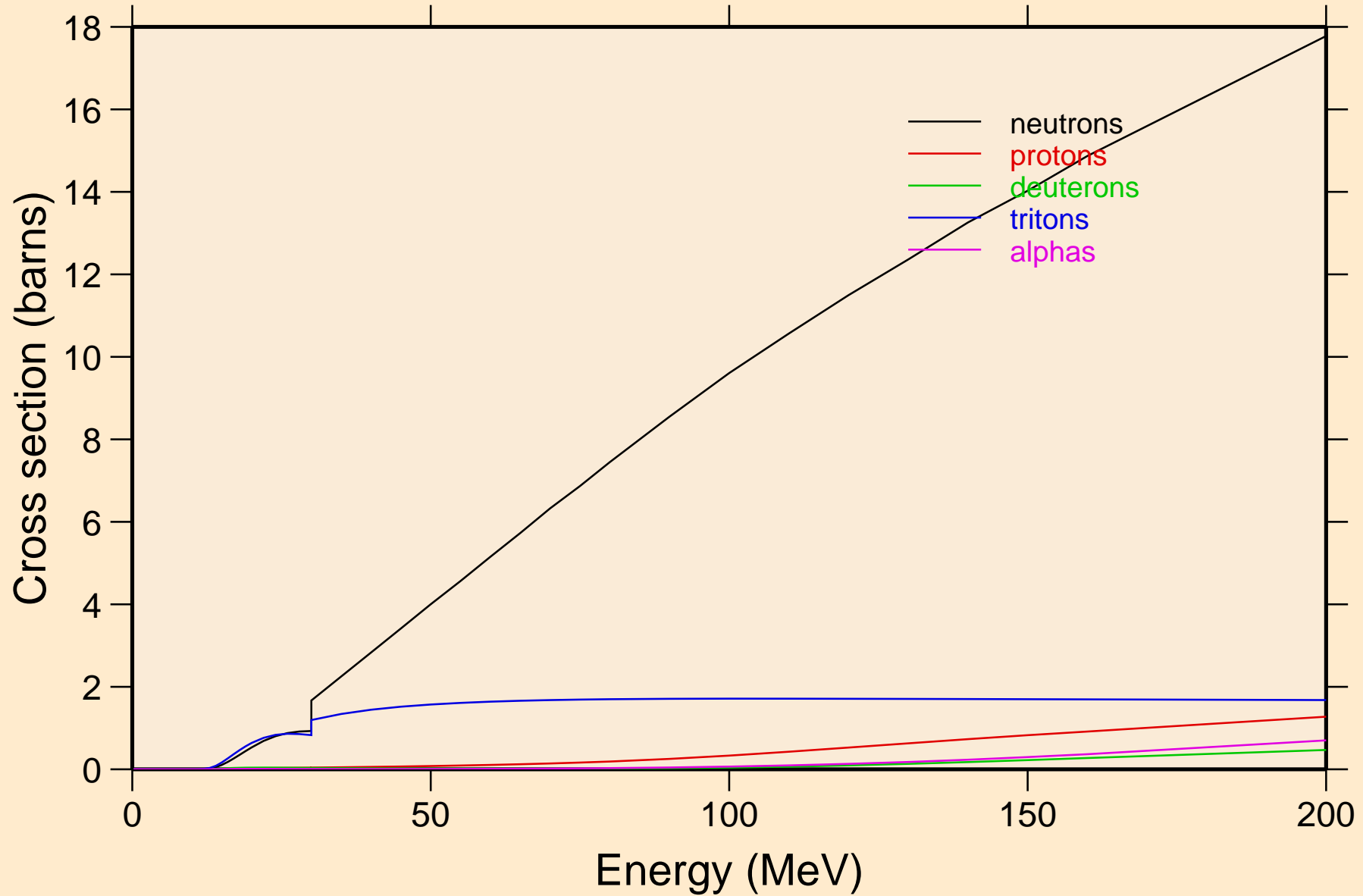


CD119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating

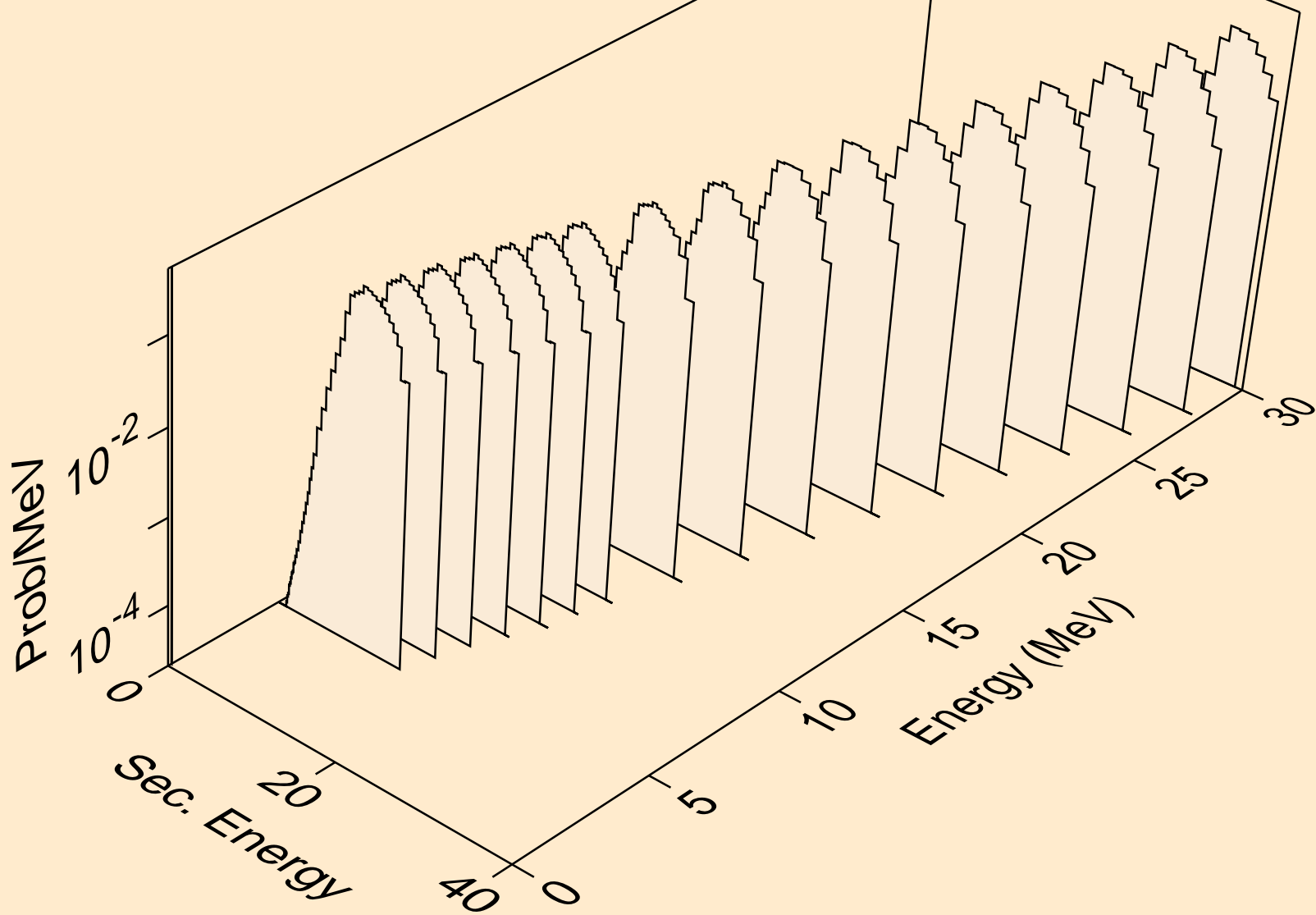


# CD119M HELION ACER TENDL-2021 LIBRARY; T=0.K

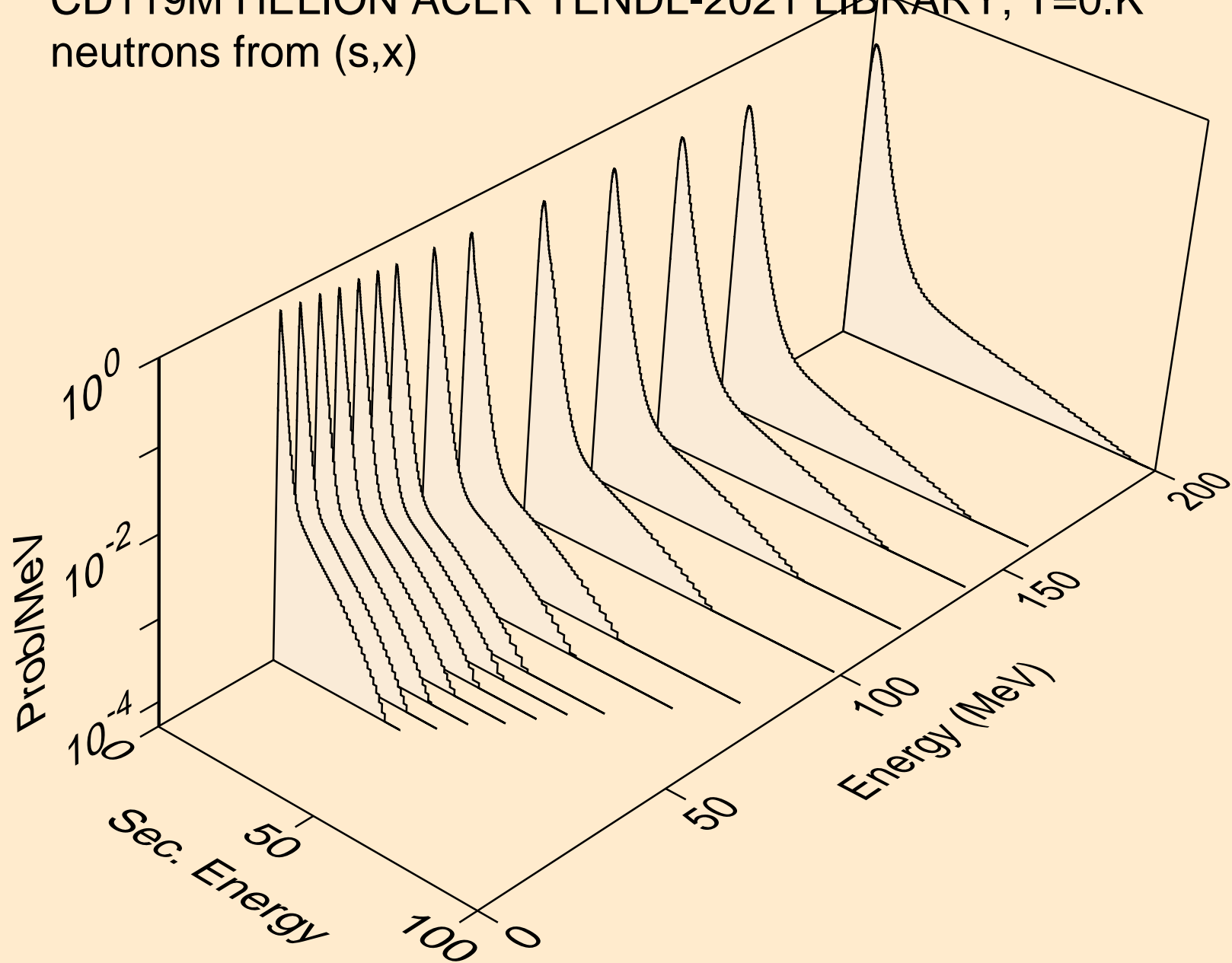
## Particle production cross sections



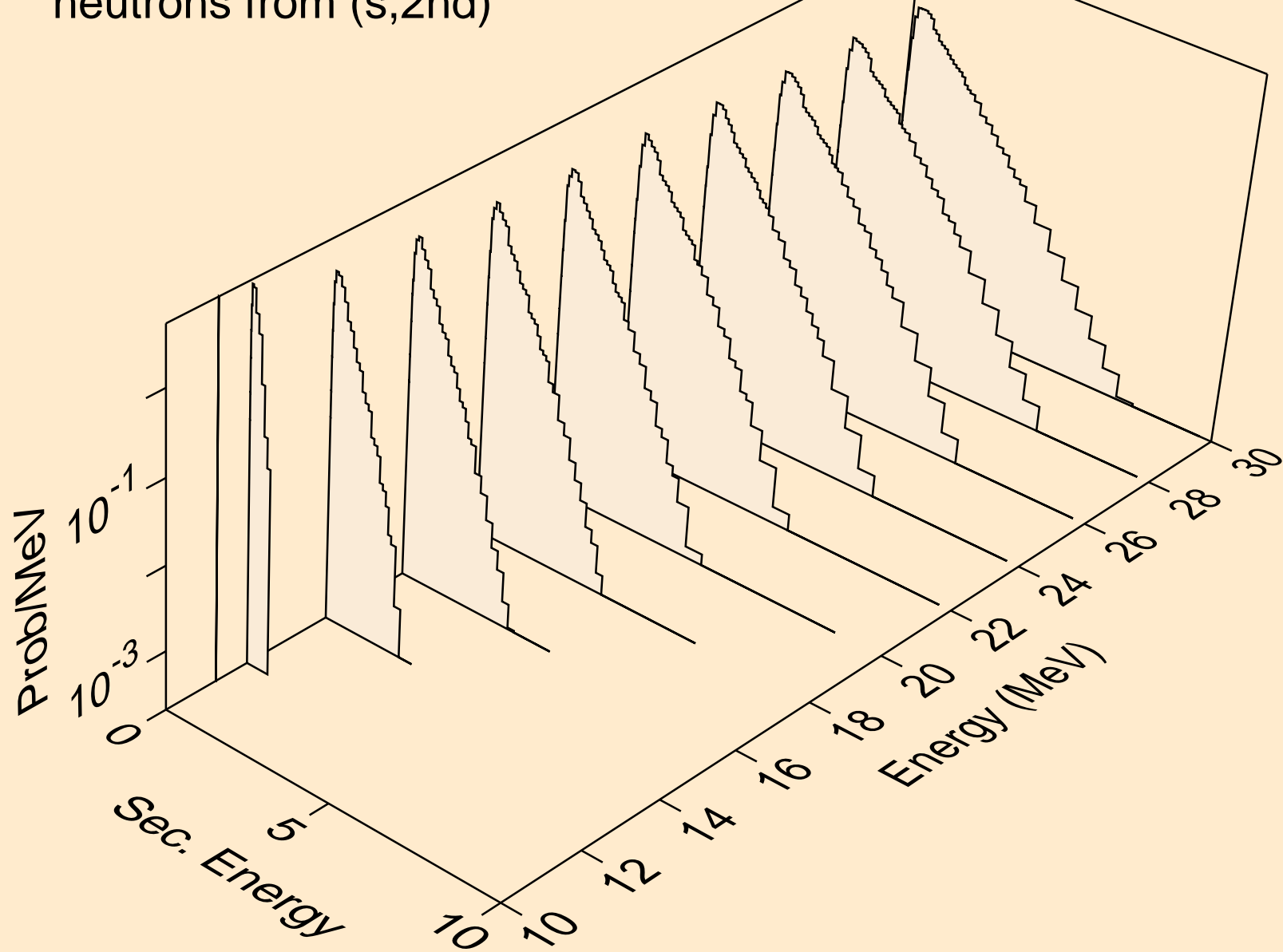
CD119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n)



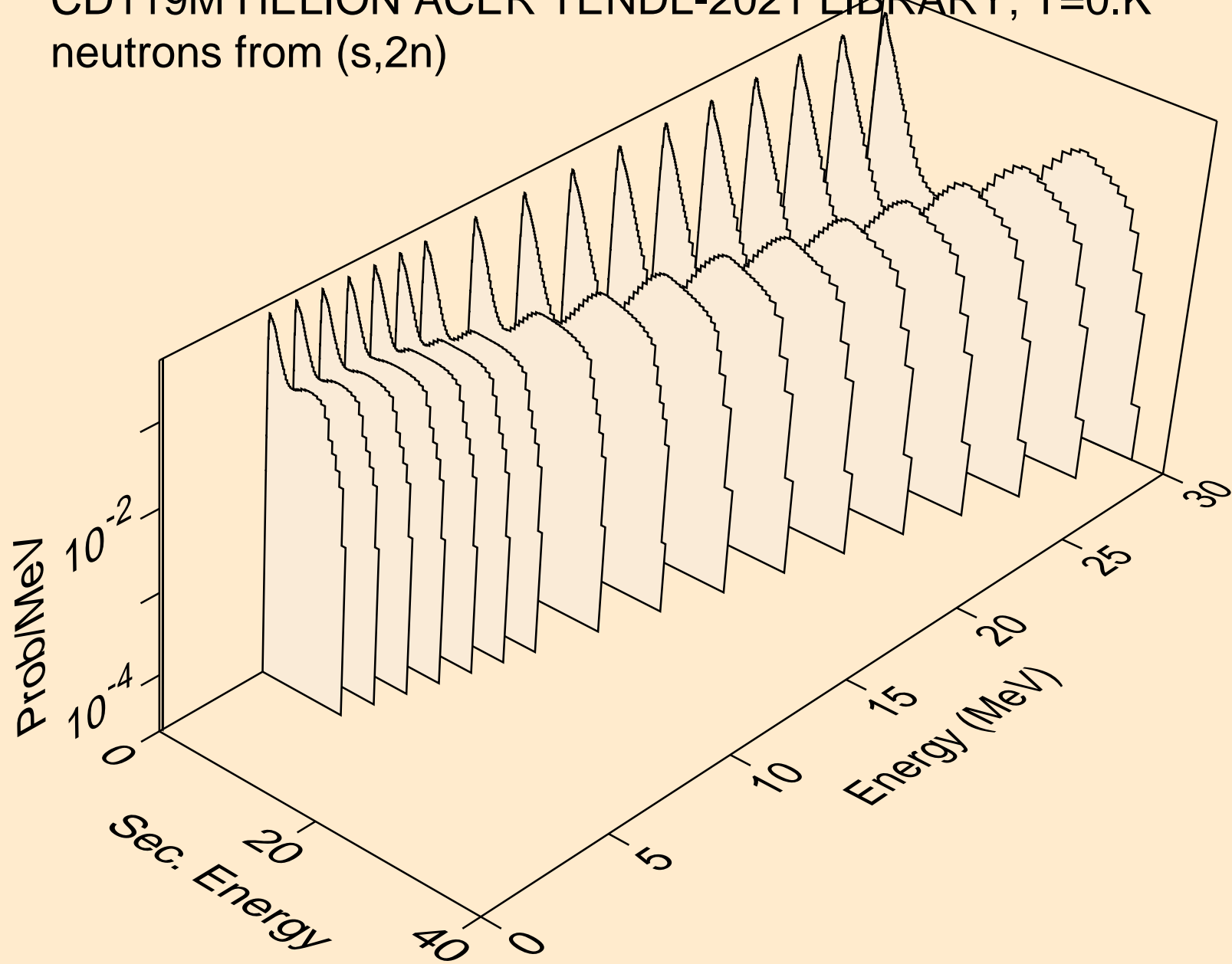
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neutrons from (s,x)



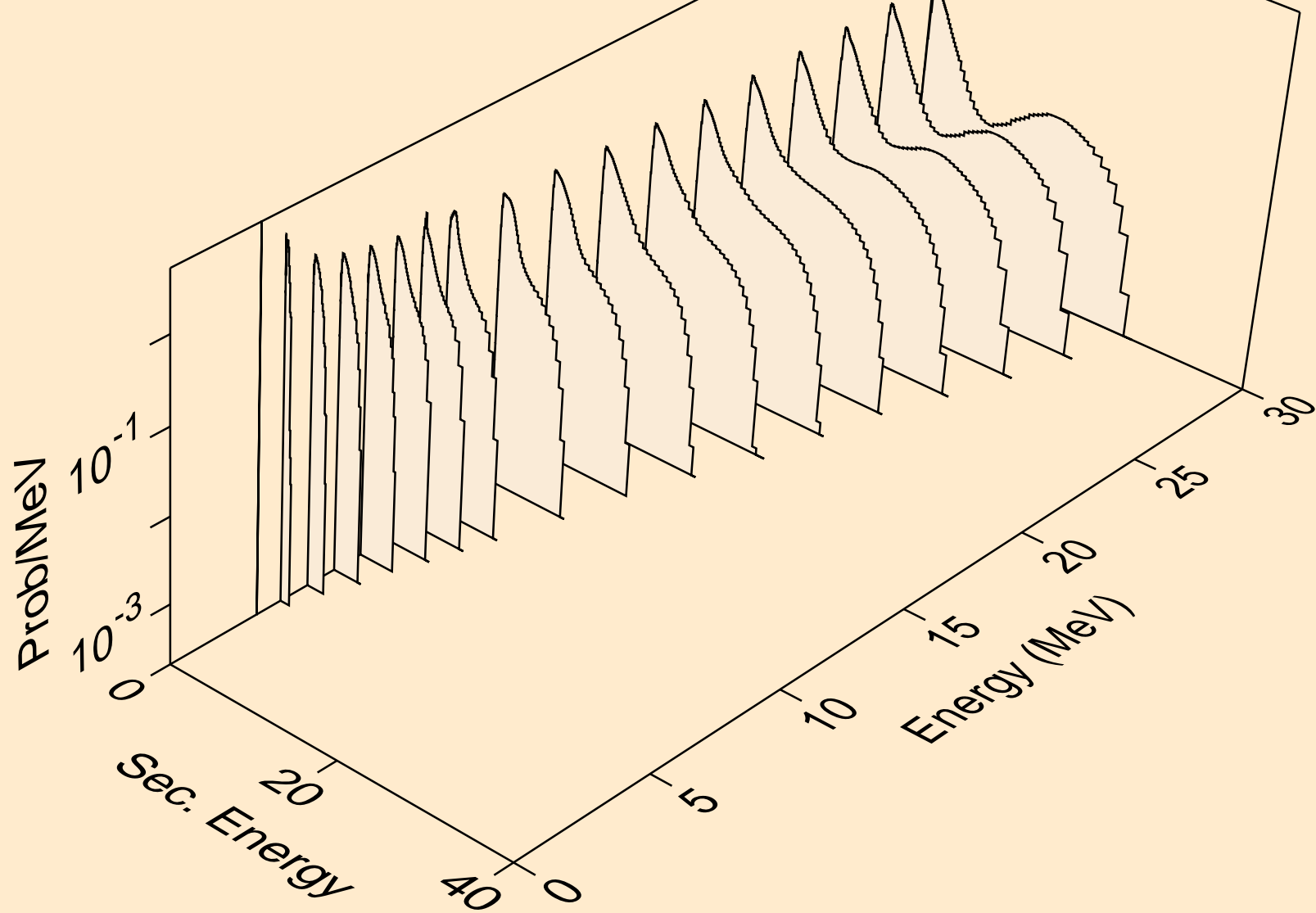
CD119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2nd)



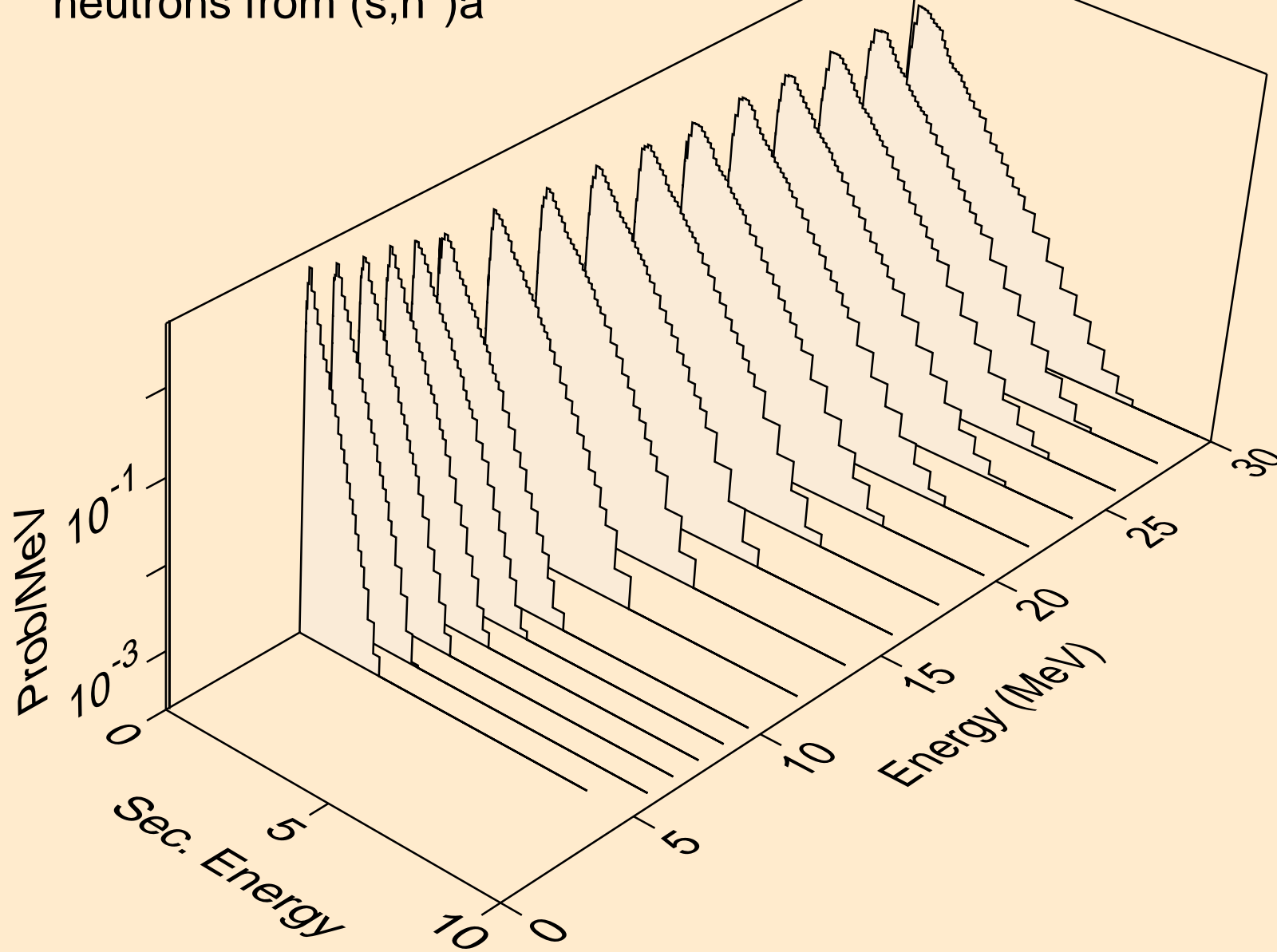
CD119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)



CD119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3n)

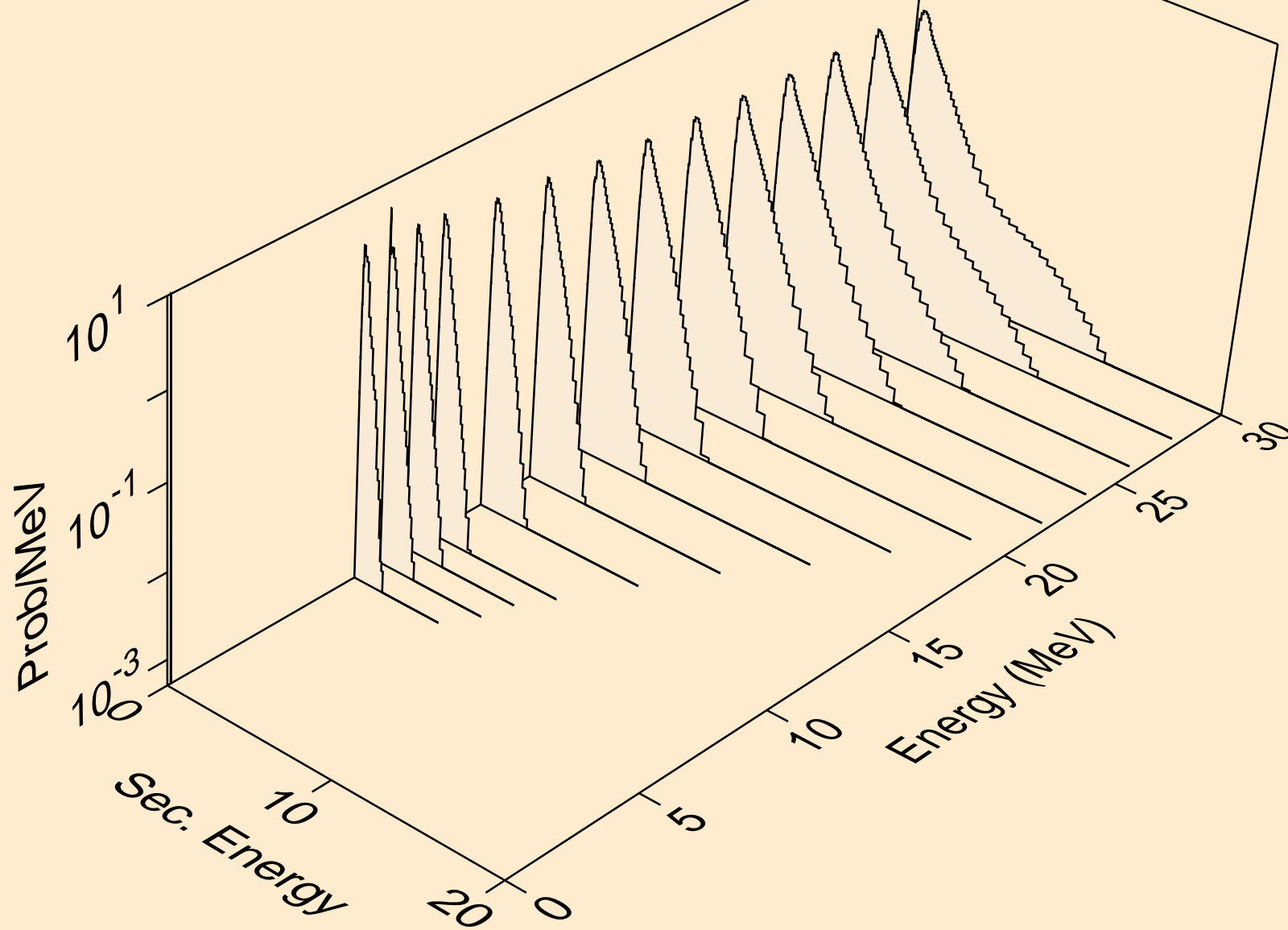


CD119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)a

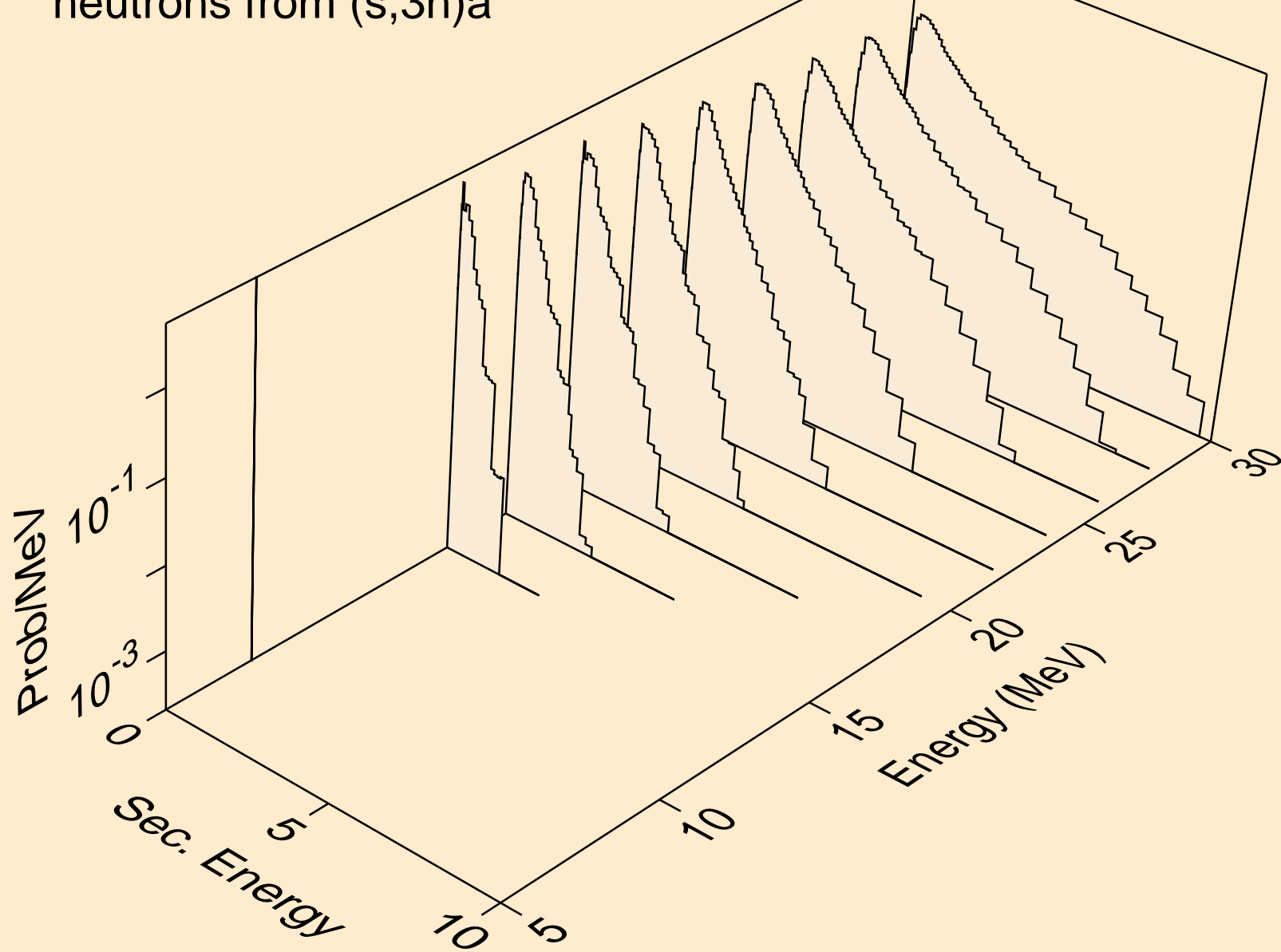




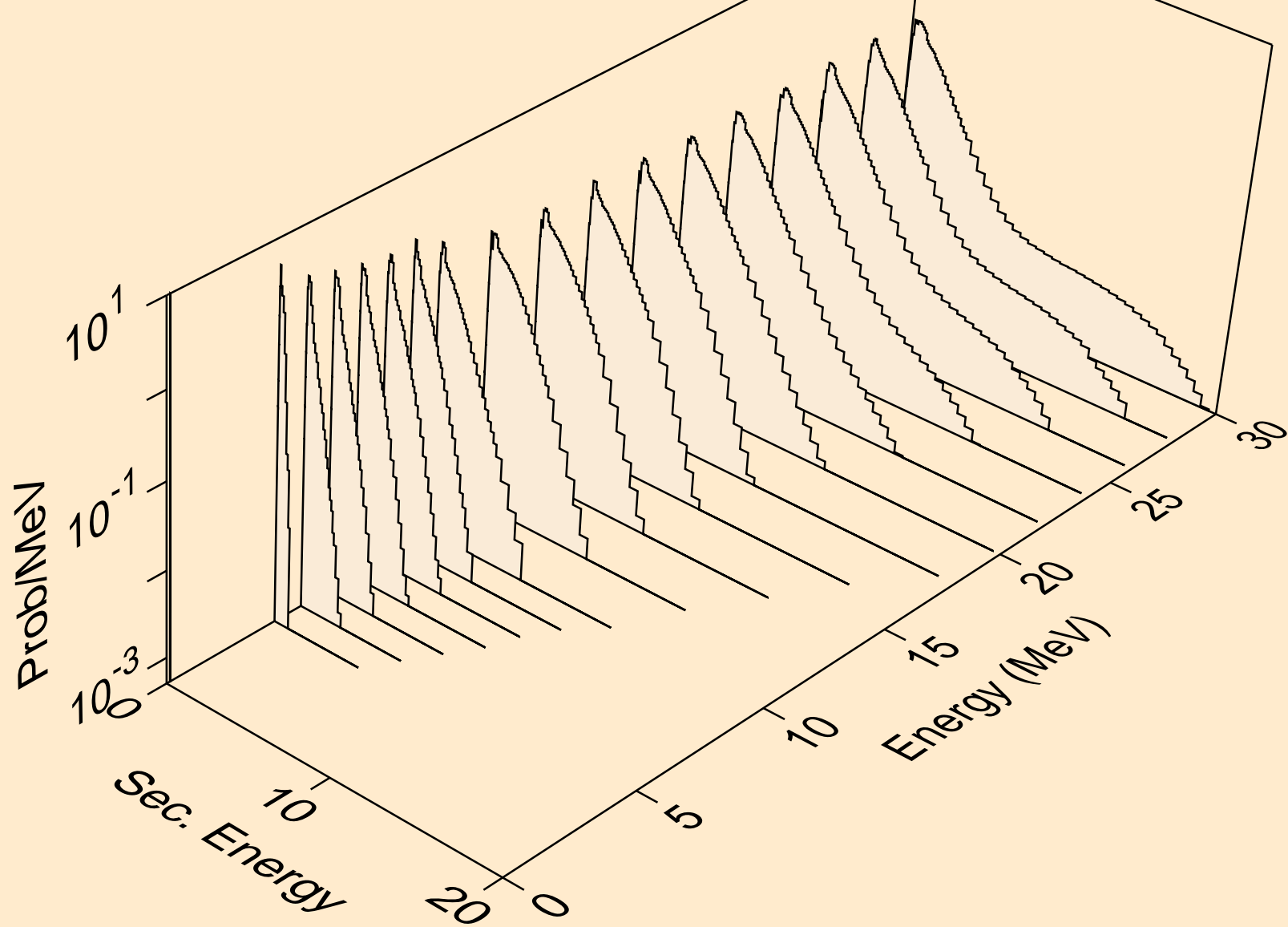
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neutrons from (s,2n)a



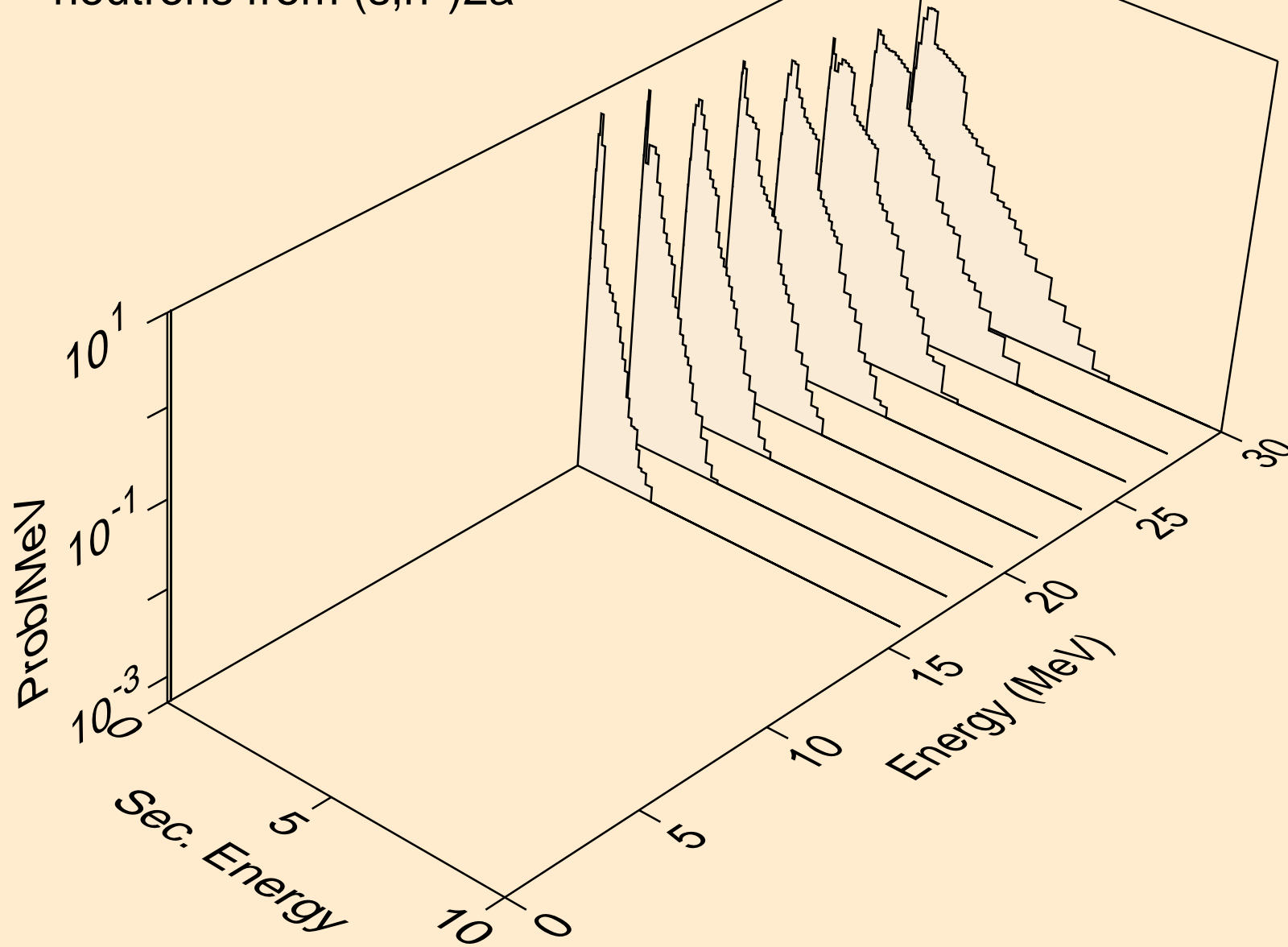
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neutrons from (s,3n)a



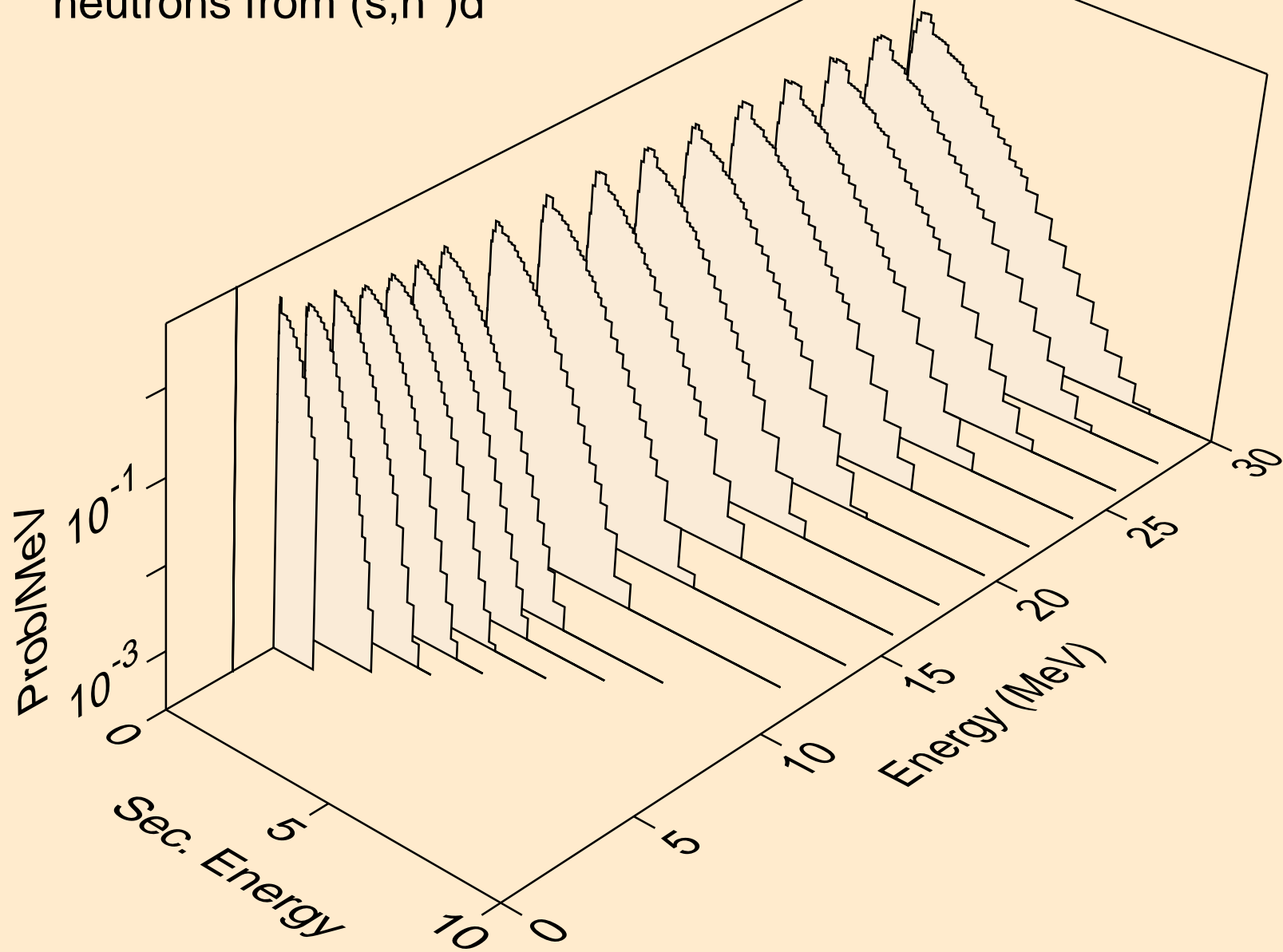
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neutrons from (s,n\*)p



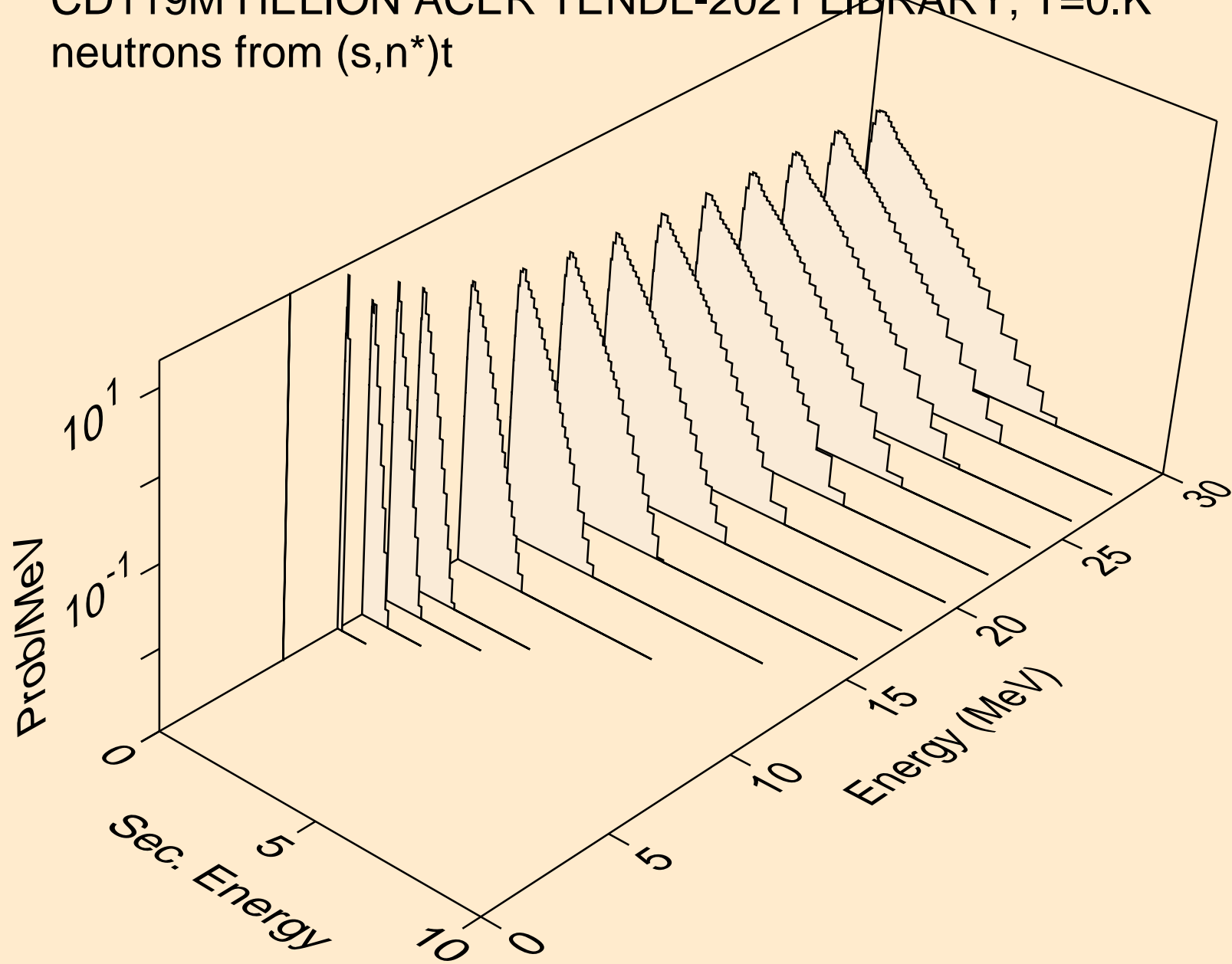
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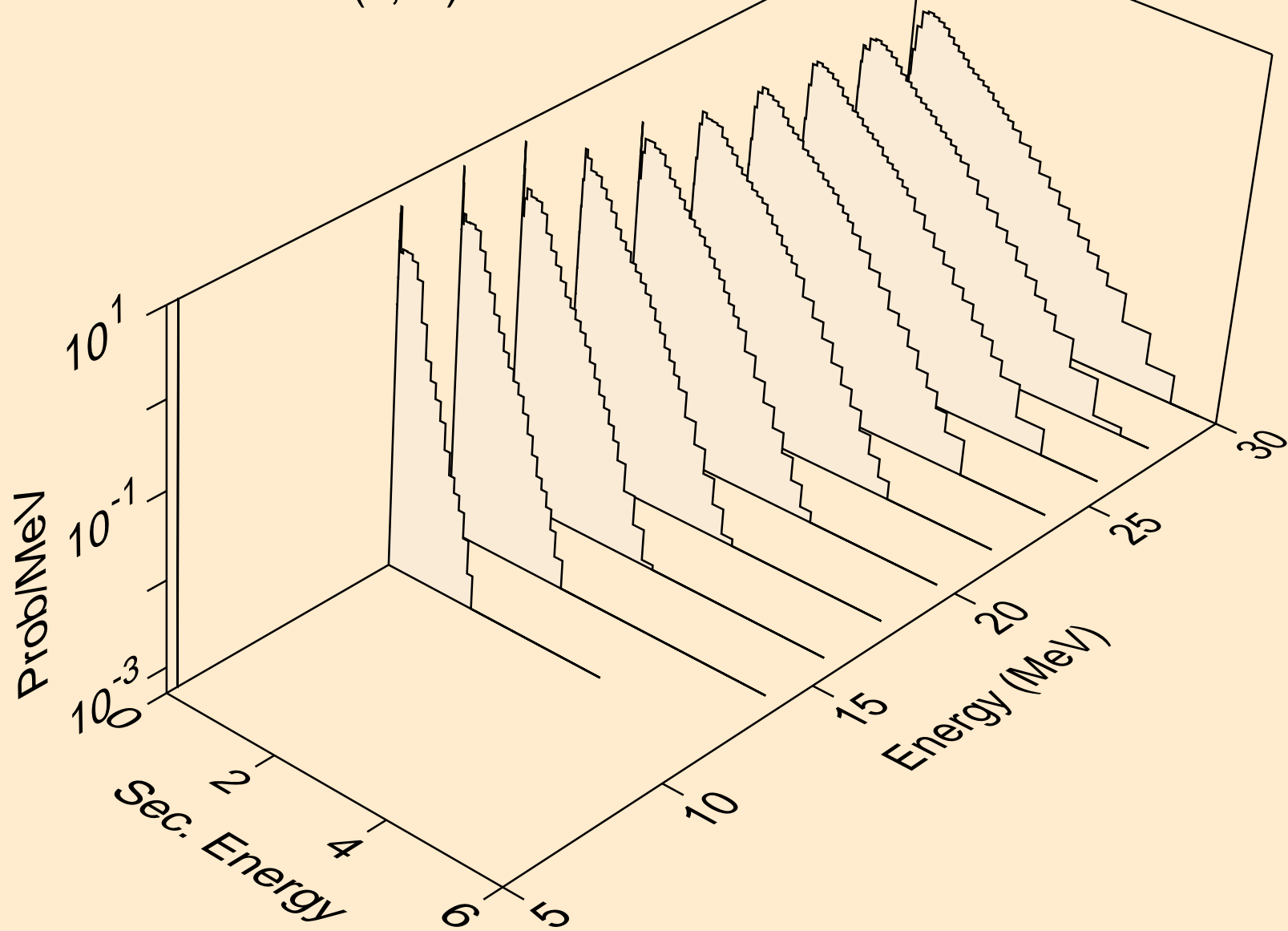
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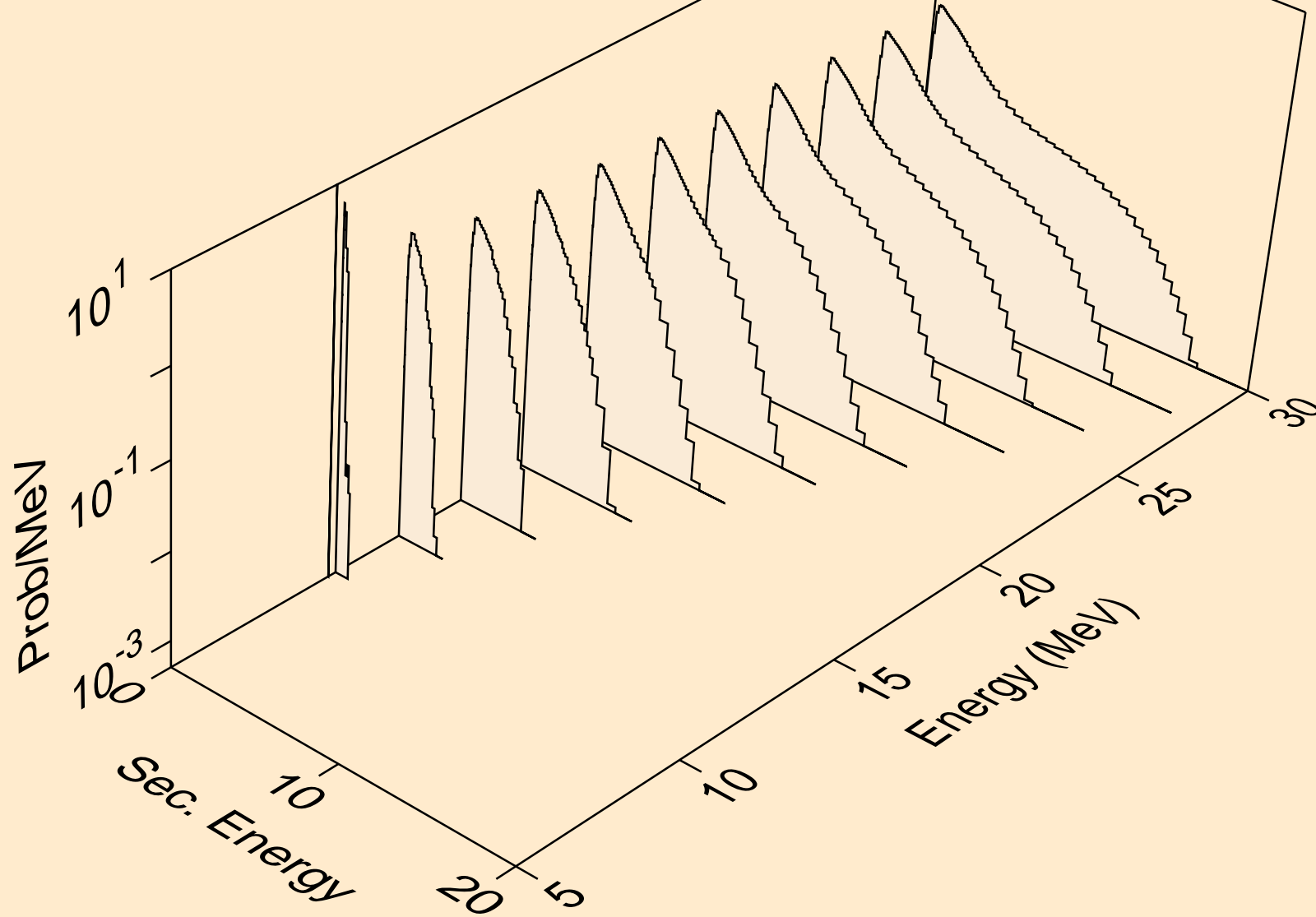
CD119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)t



CD119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)he3

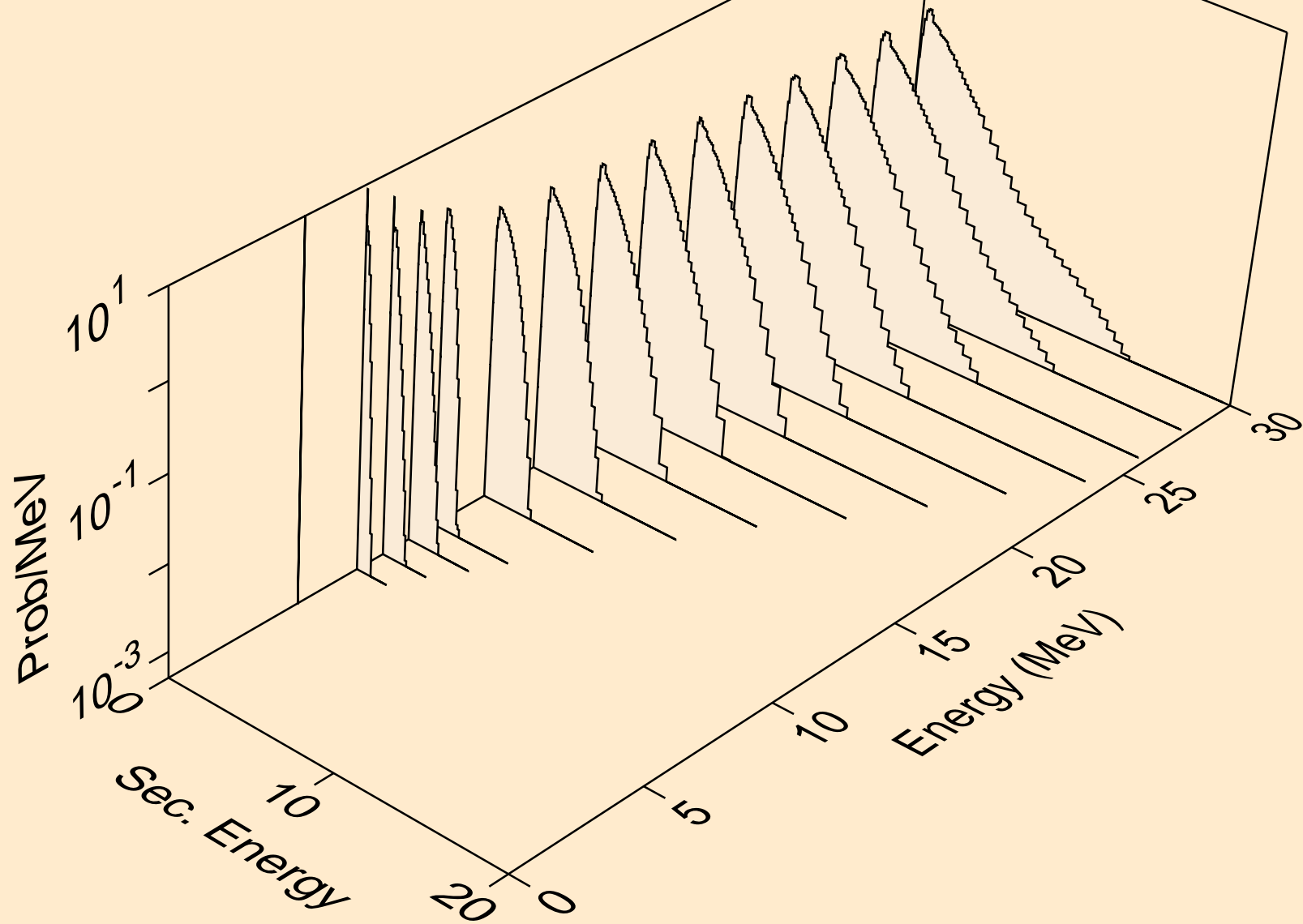


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neutrons from (s,4n)

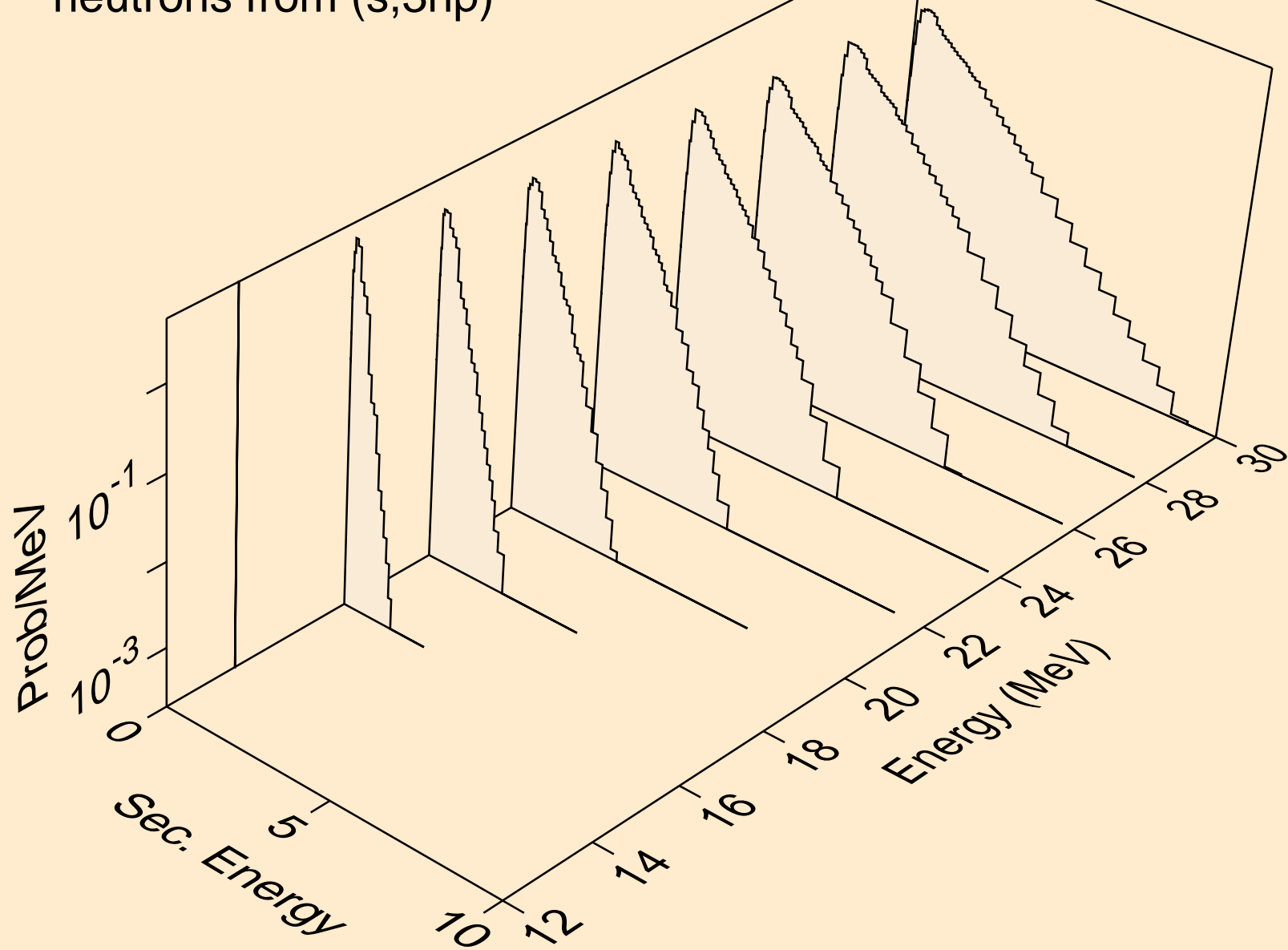




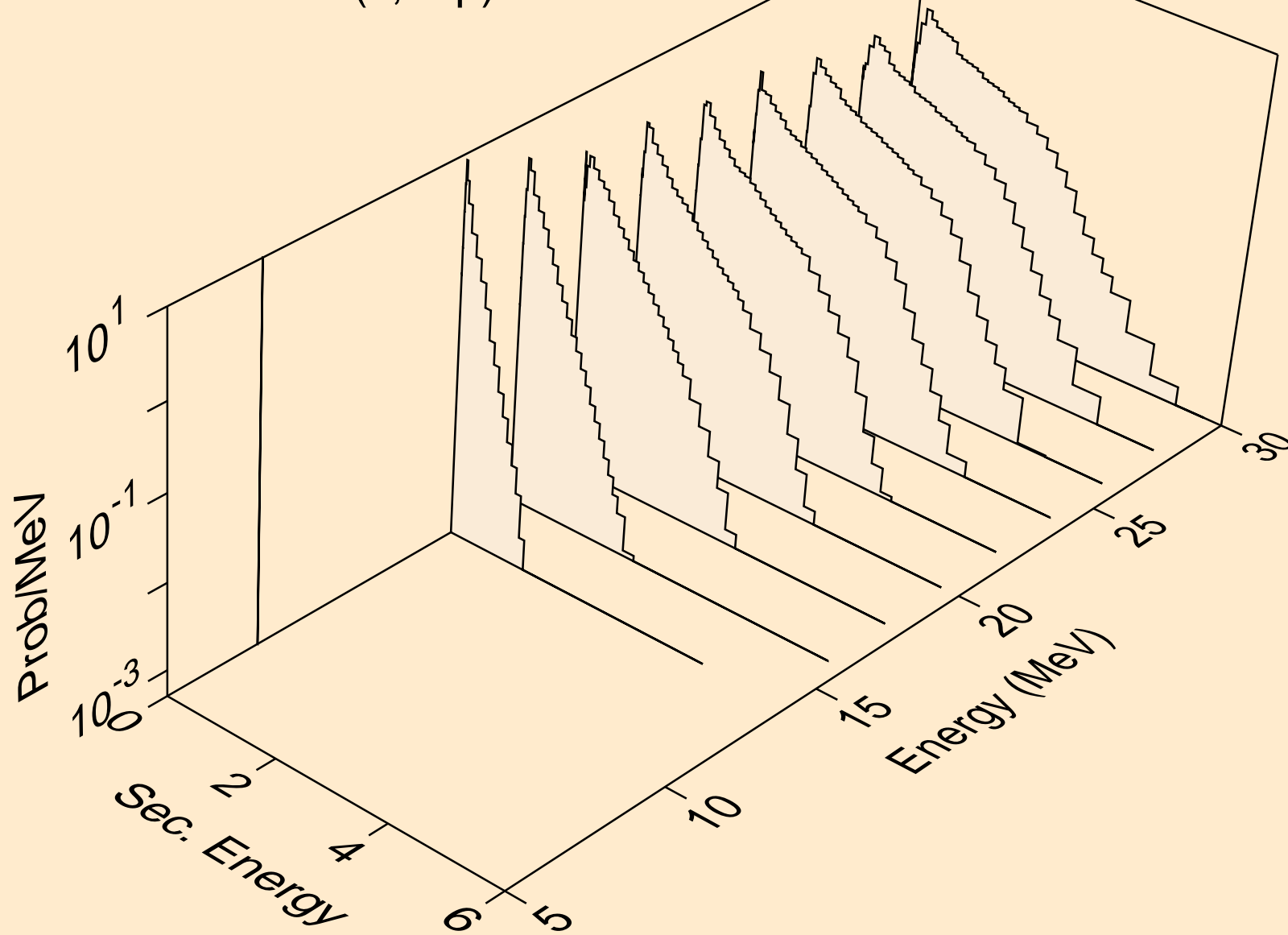
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neutrons from (s,2np)



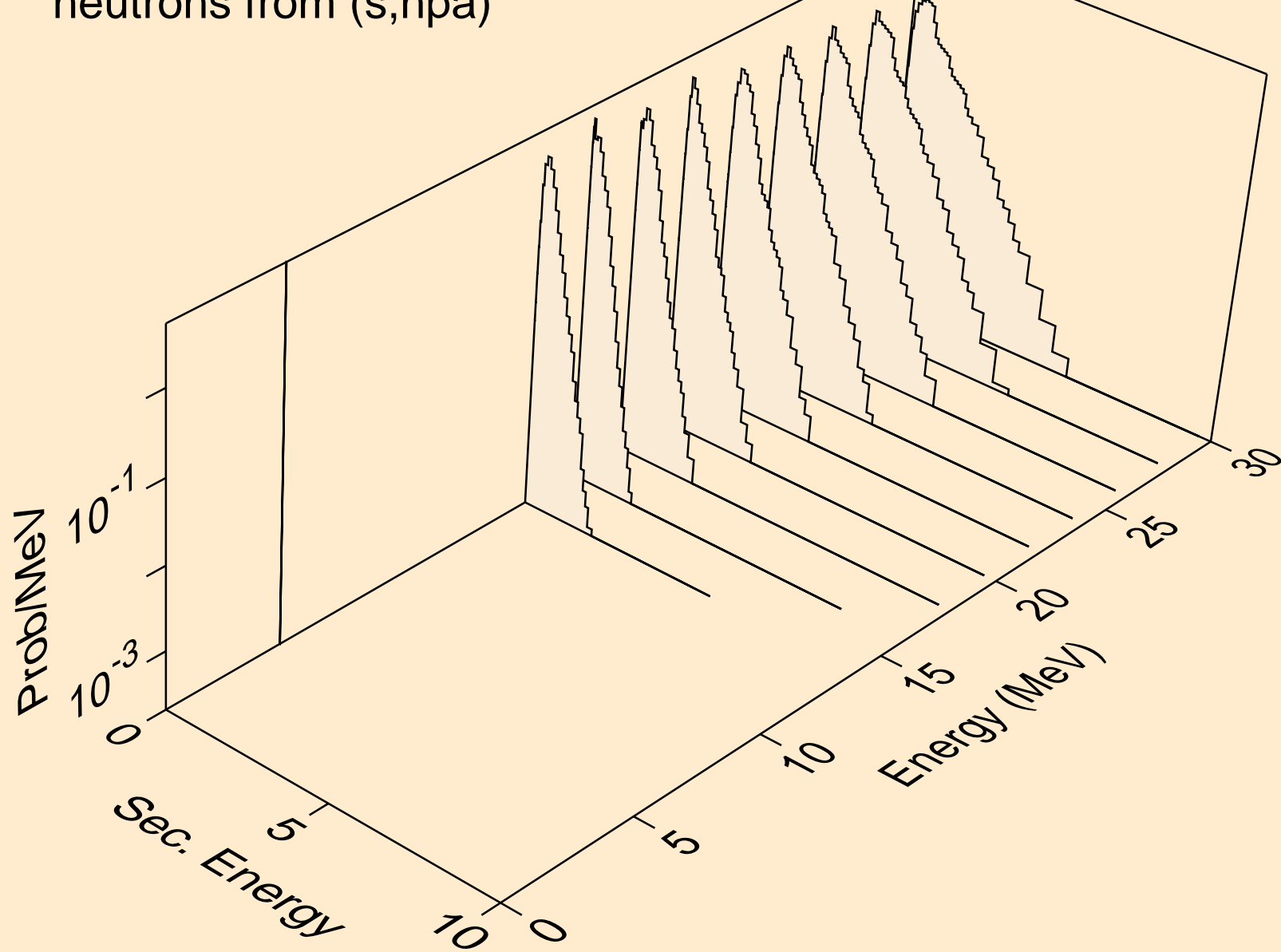
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neutrons from (s,3np)



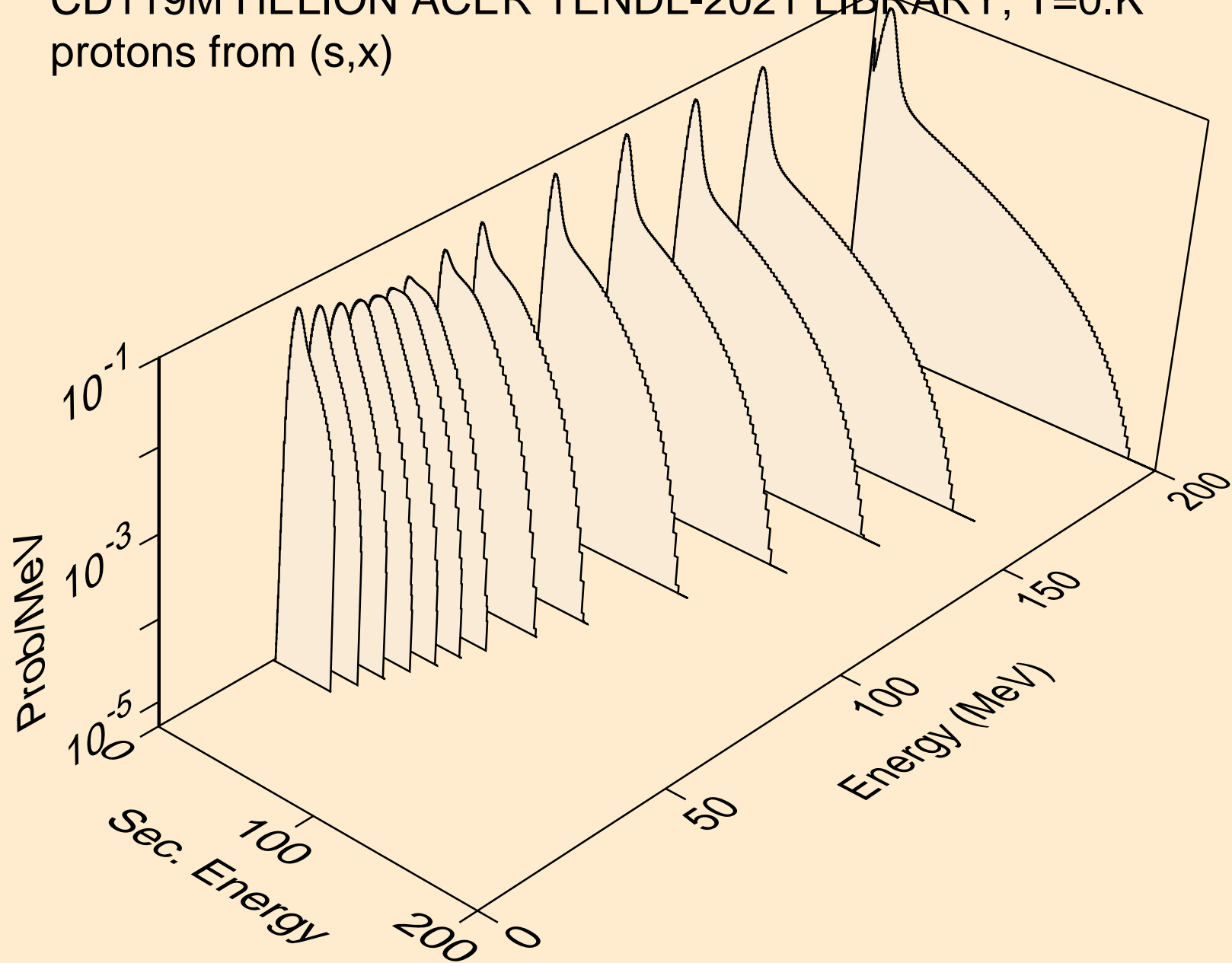
CD119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2np)



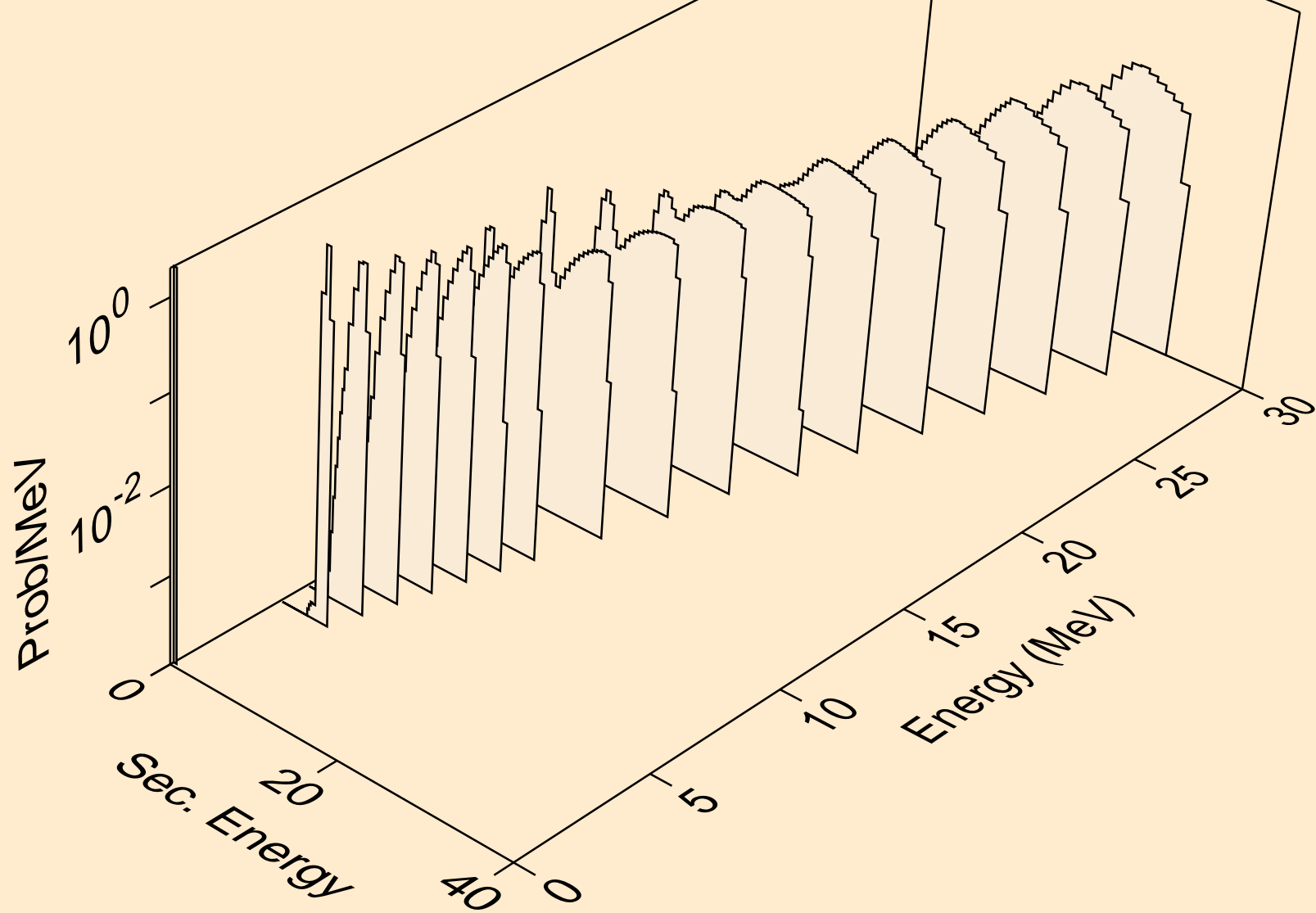
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neutrons from (s,npa)



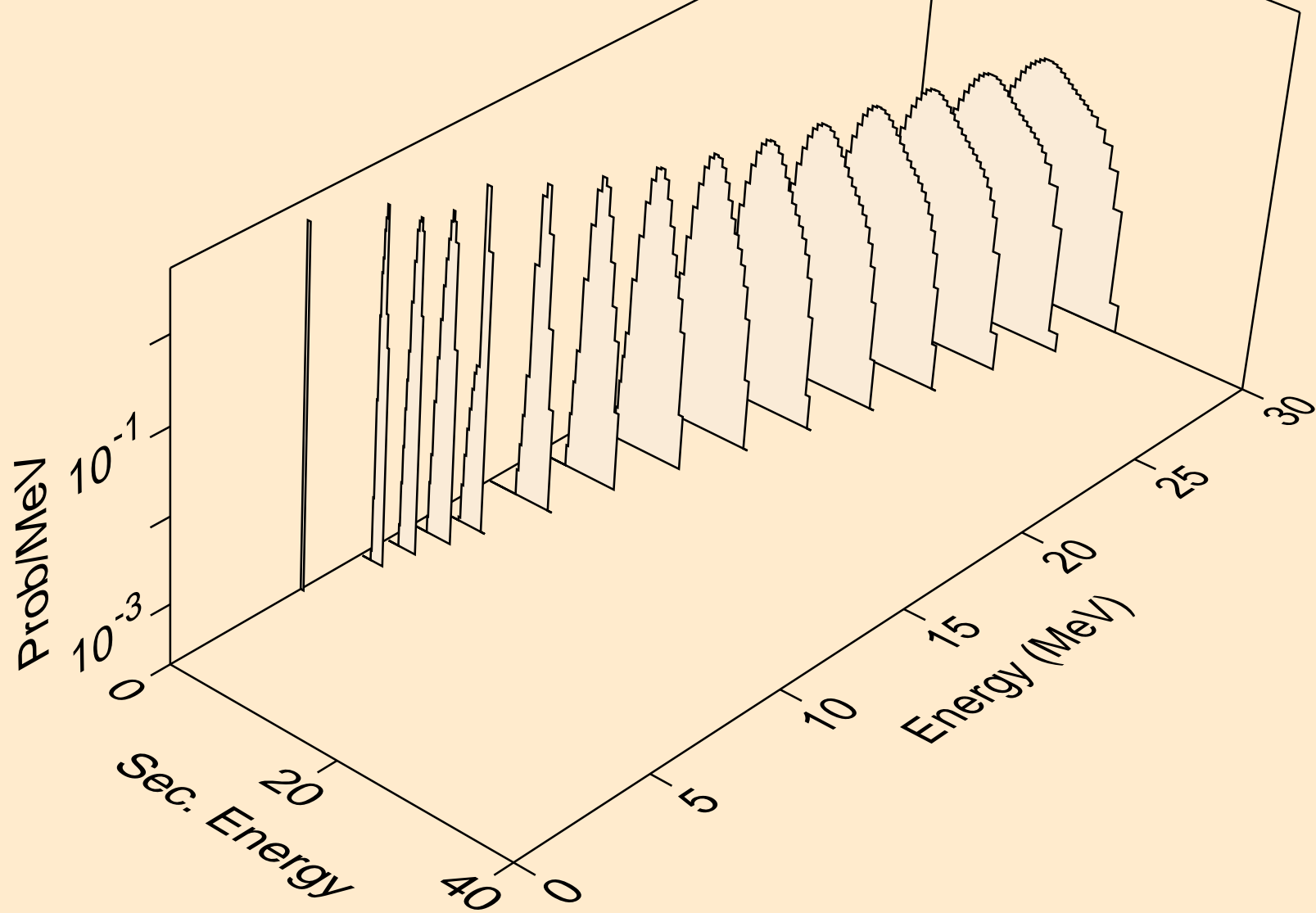
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protons from (s,x)



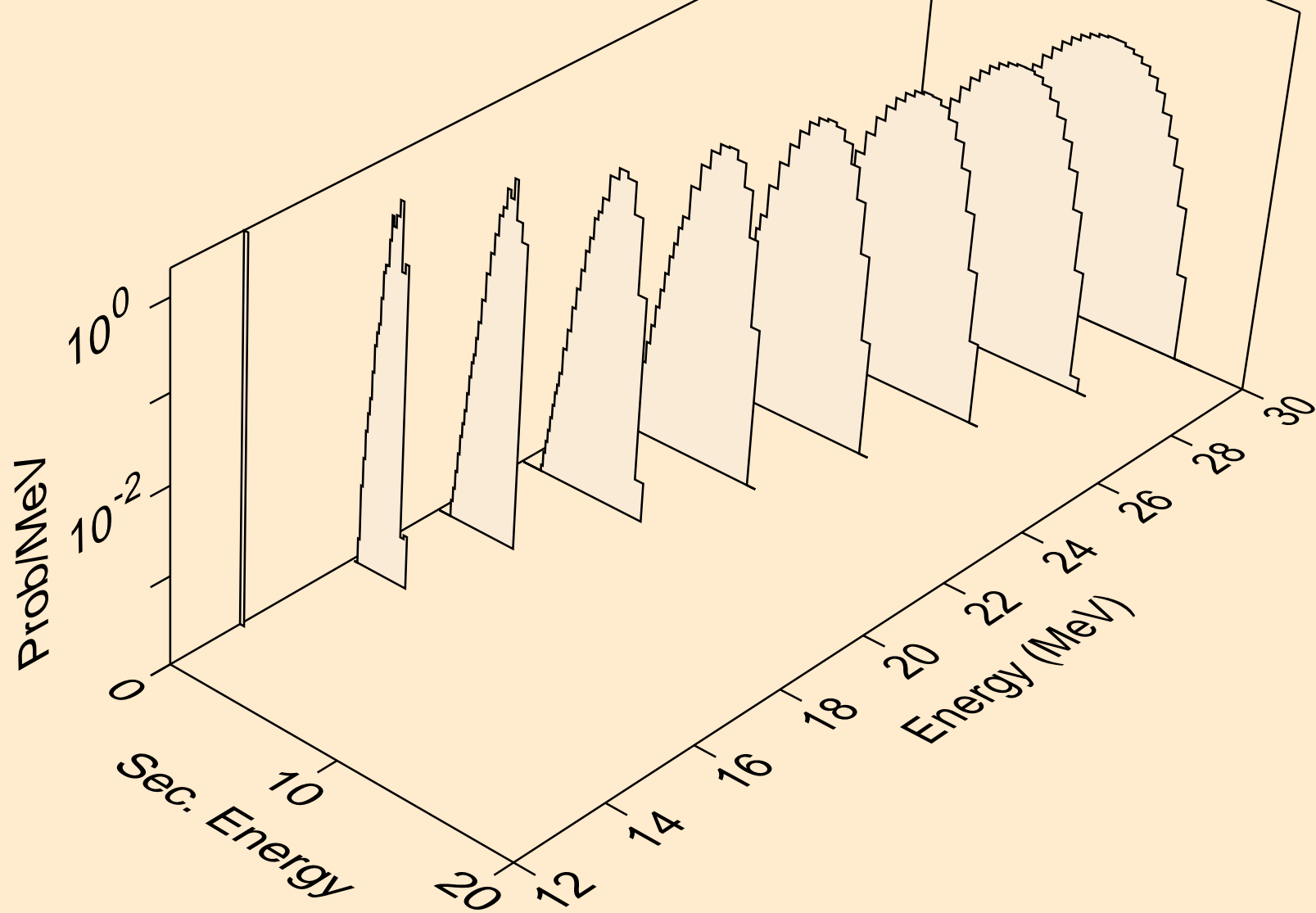
CD119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,n\*)p



CD119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2np)

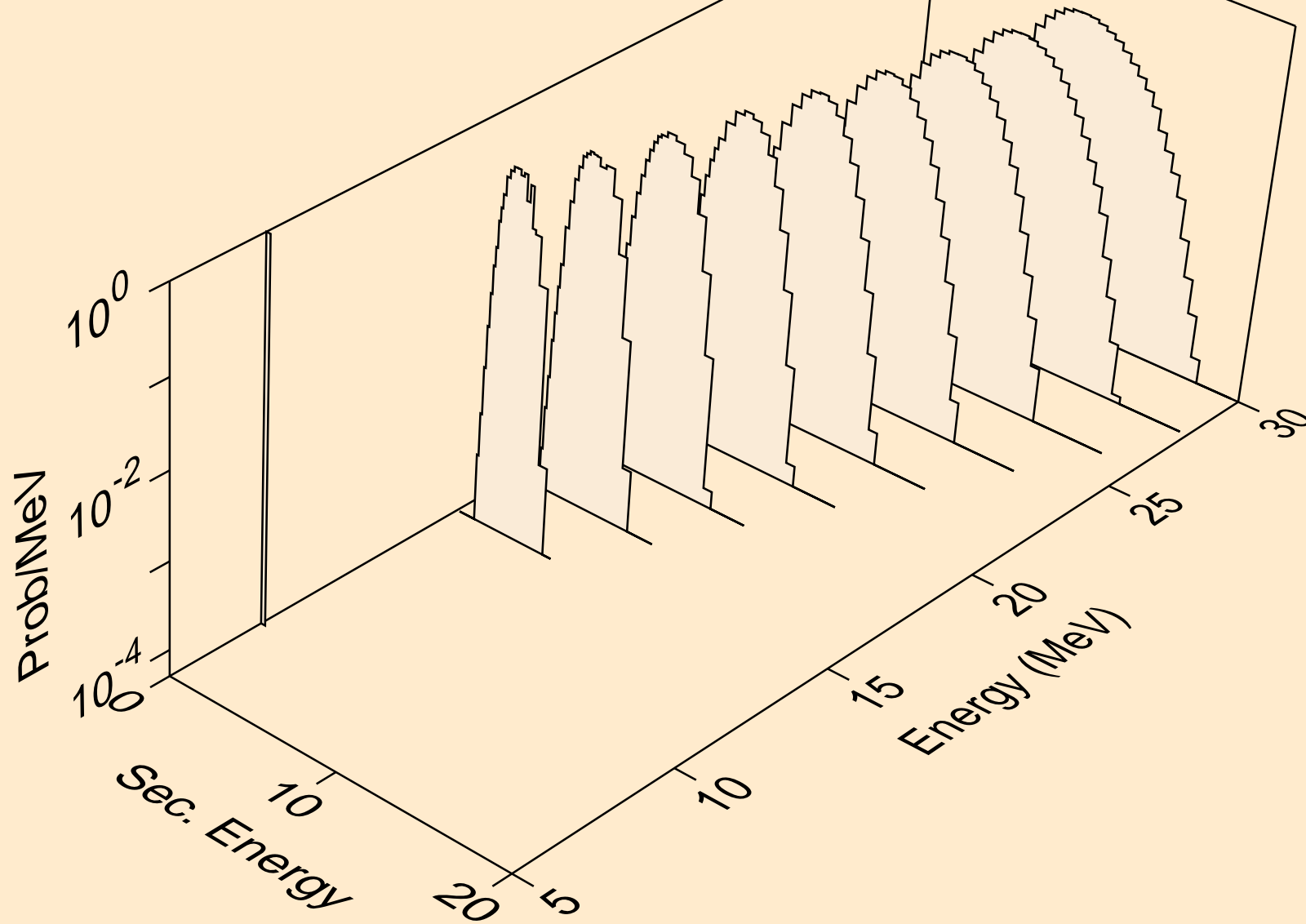


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protons from (s,3np)

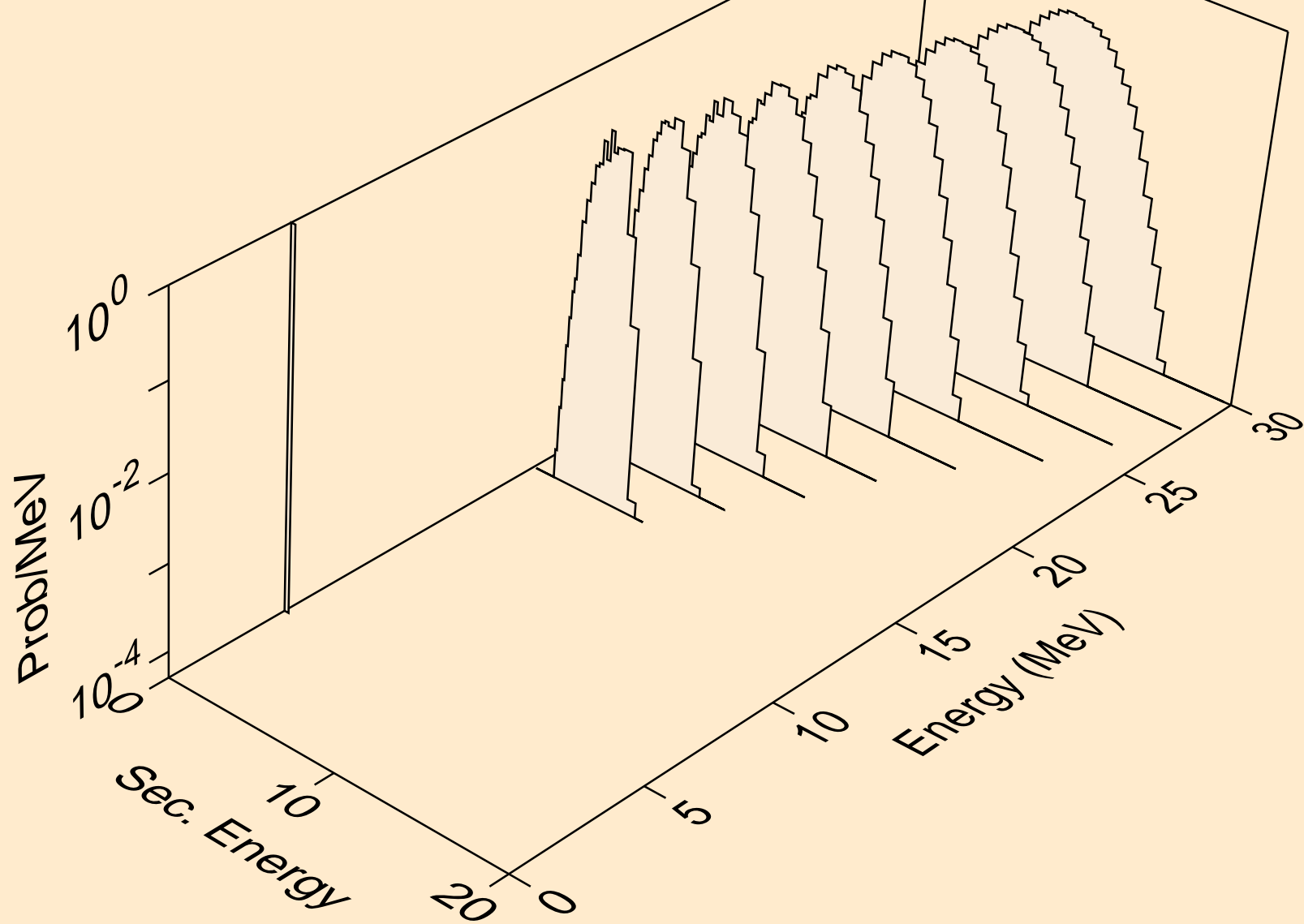




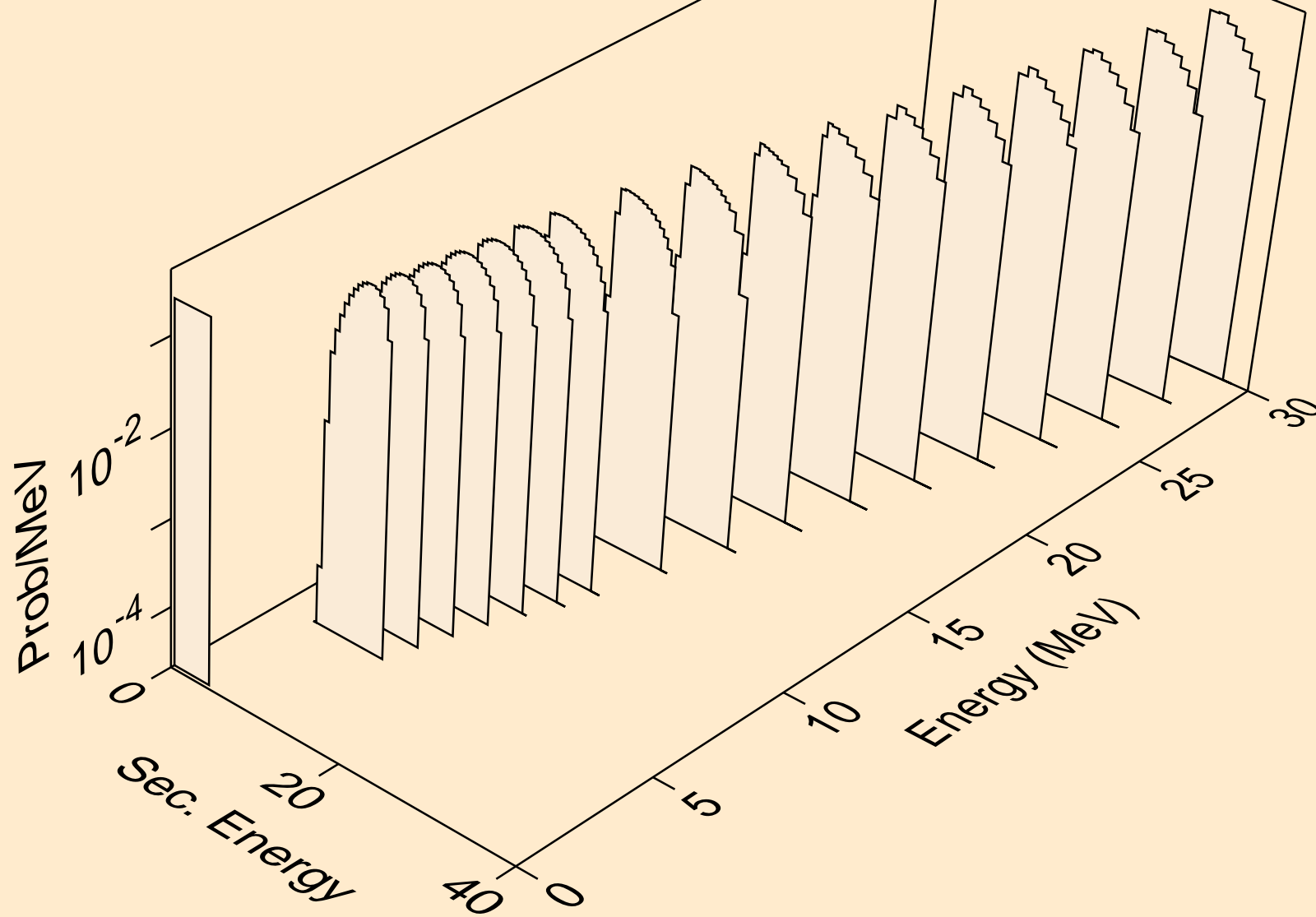
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protons from (s,2np)



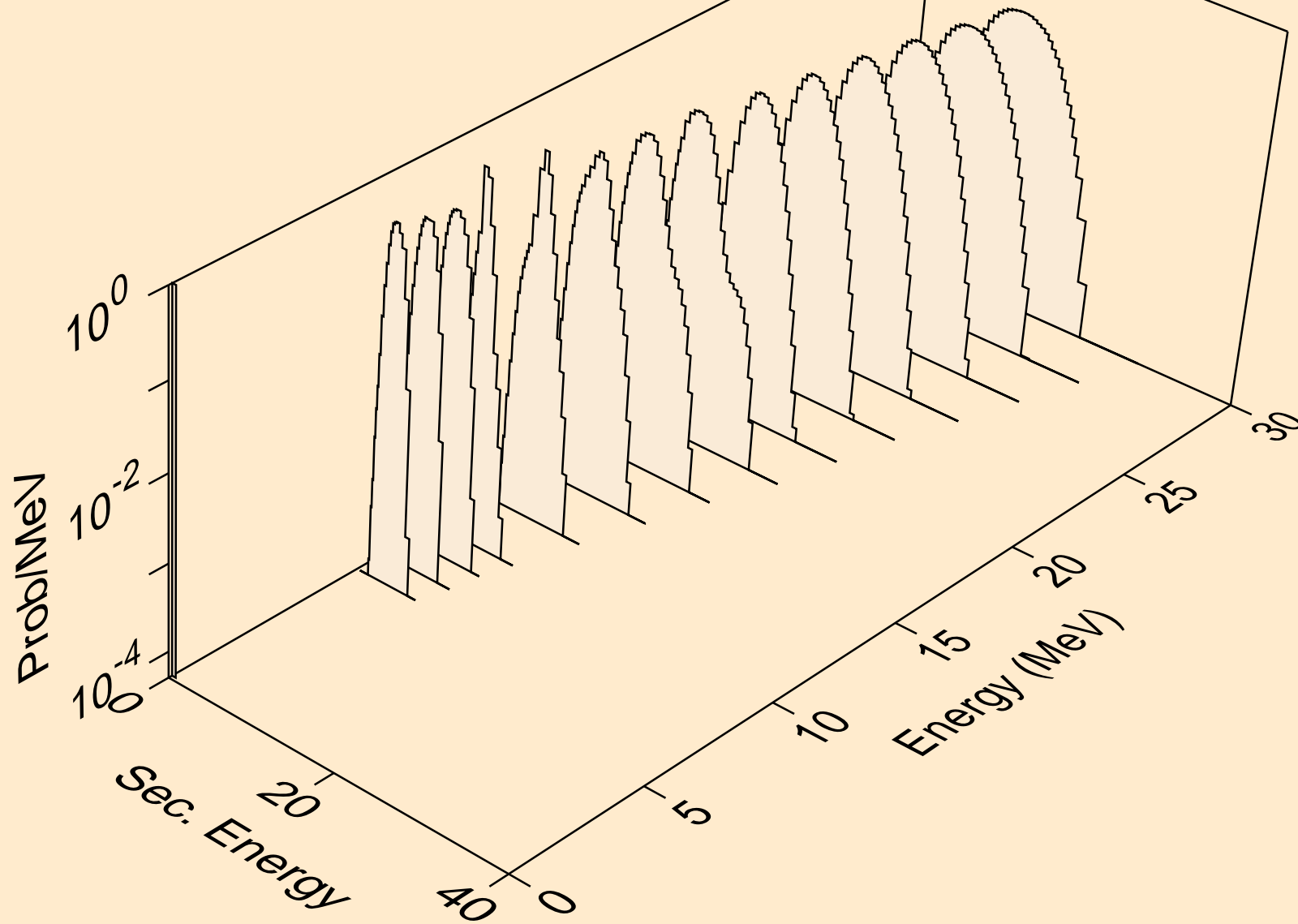
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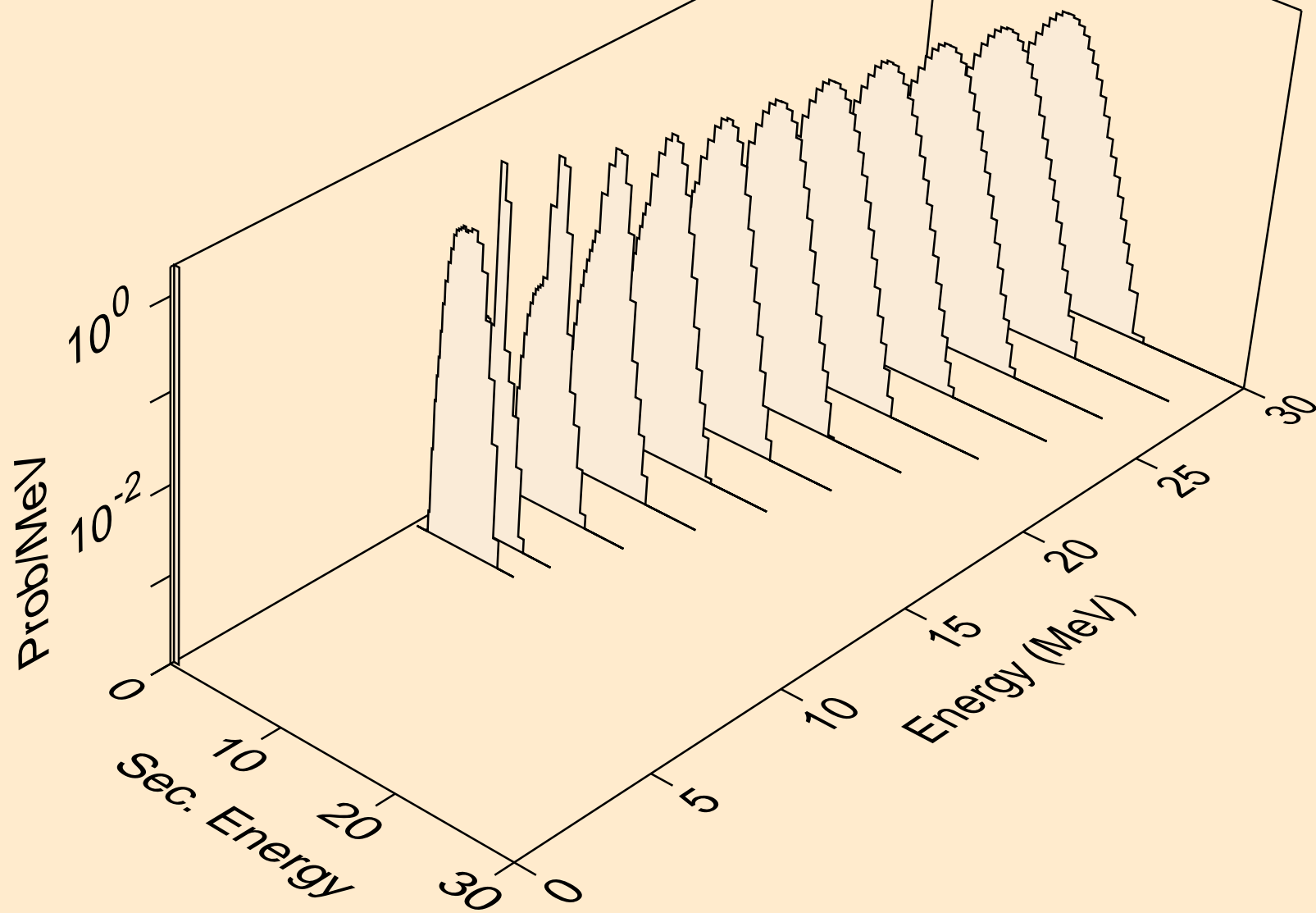
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protons from (s,p)



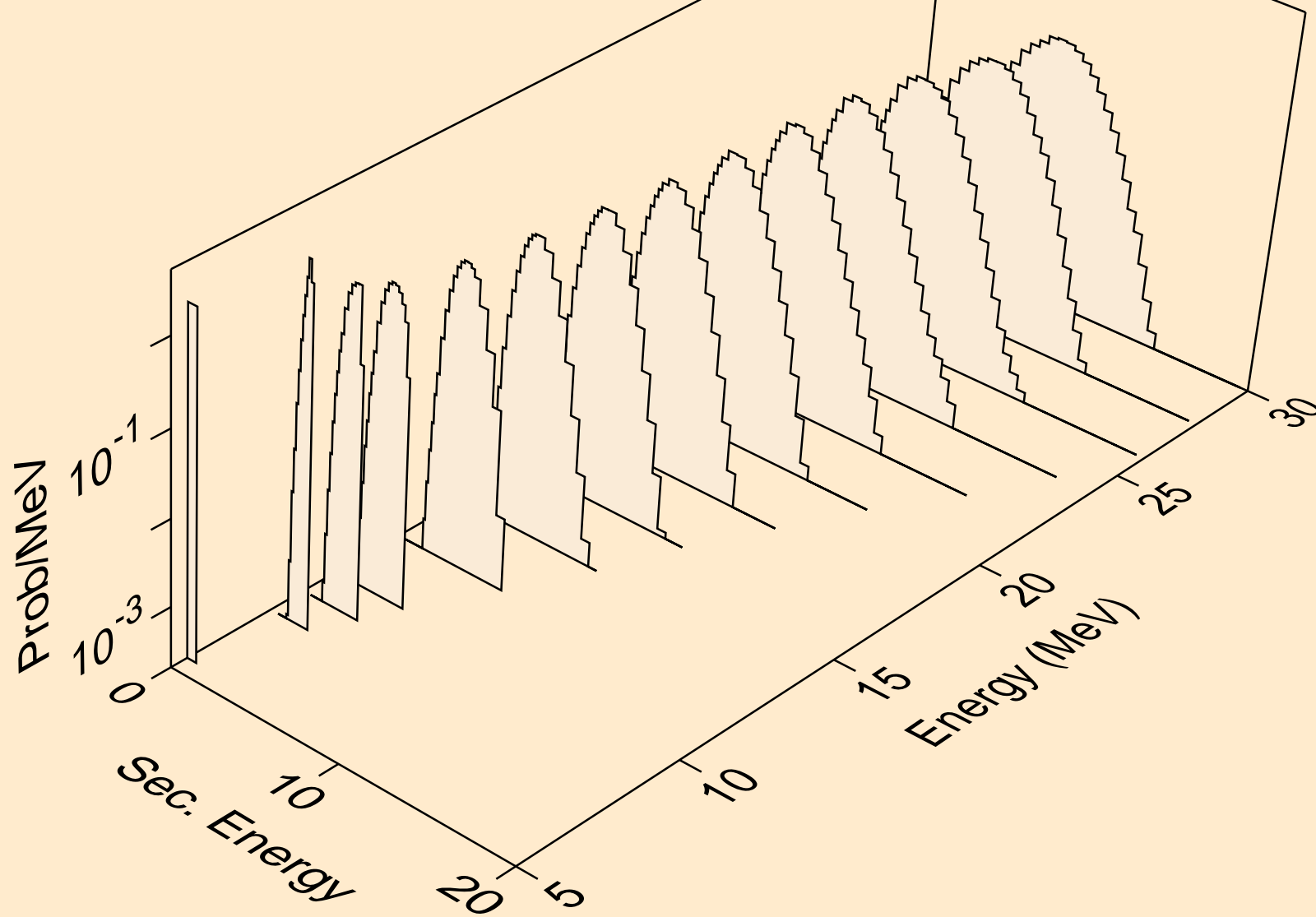
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protons from (s,2p)



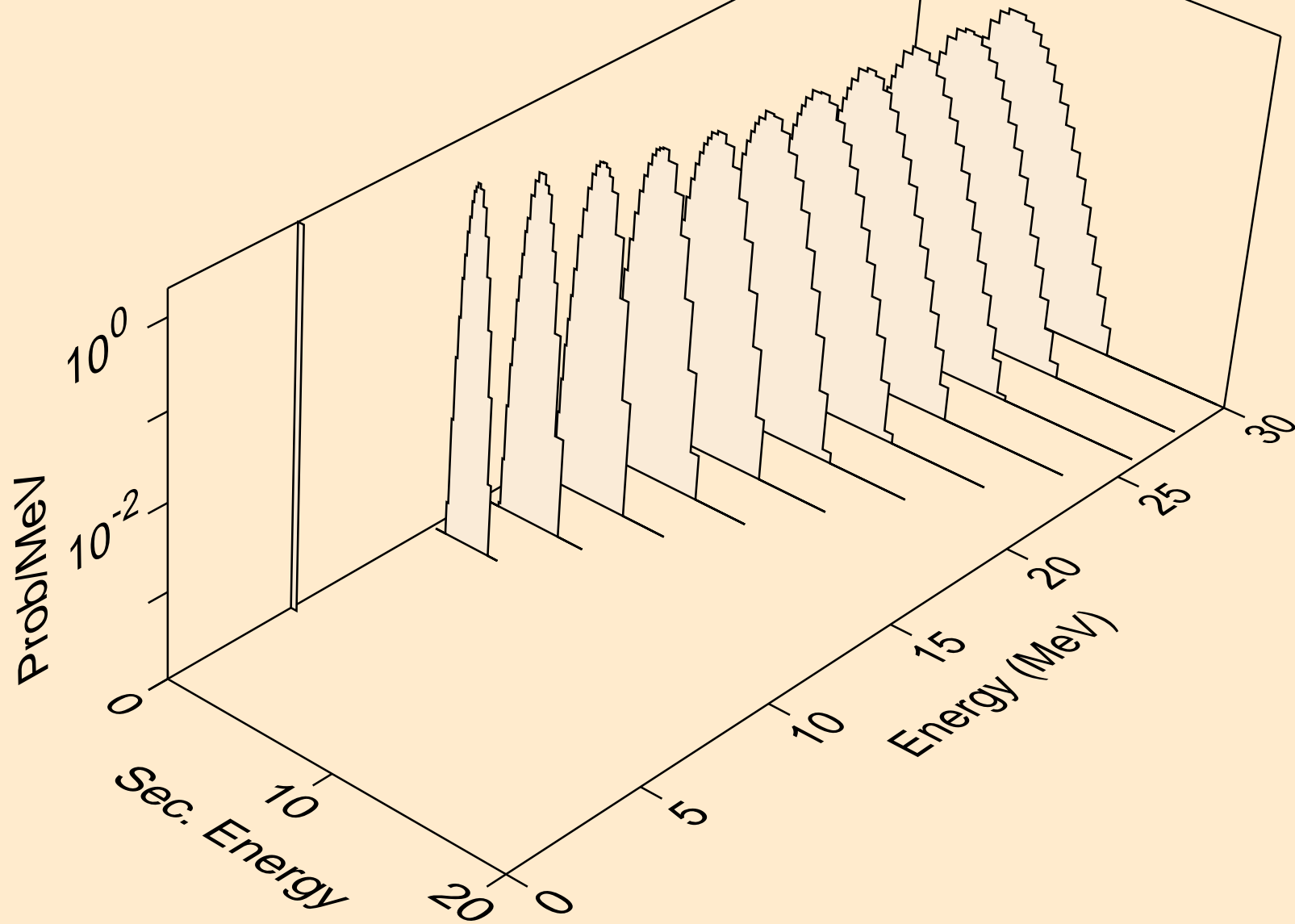
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protons from (s,pa)



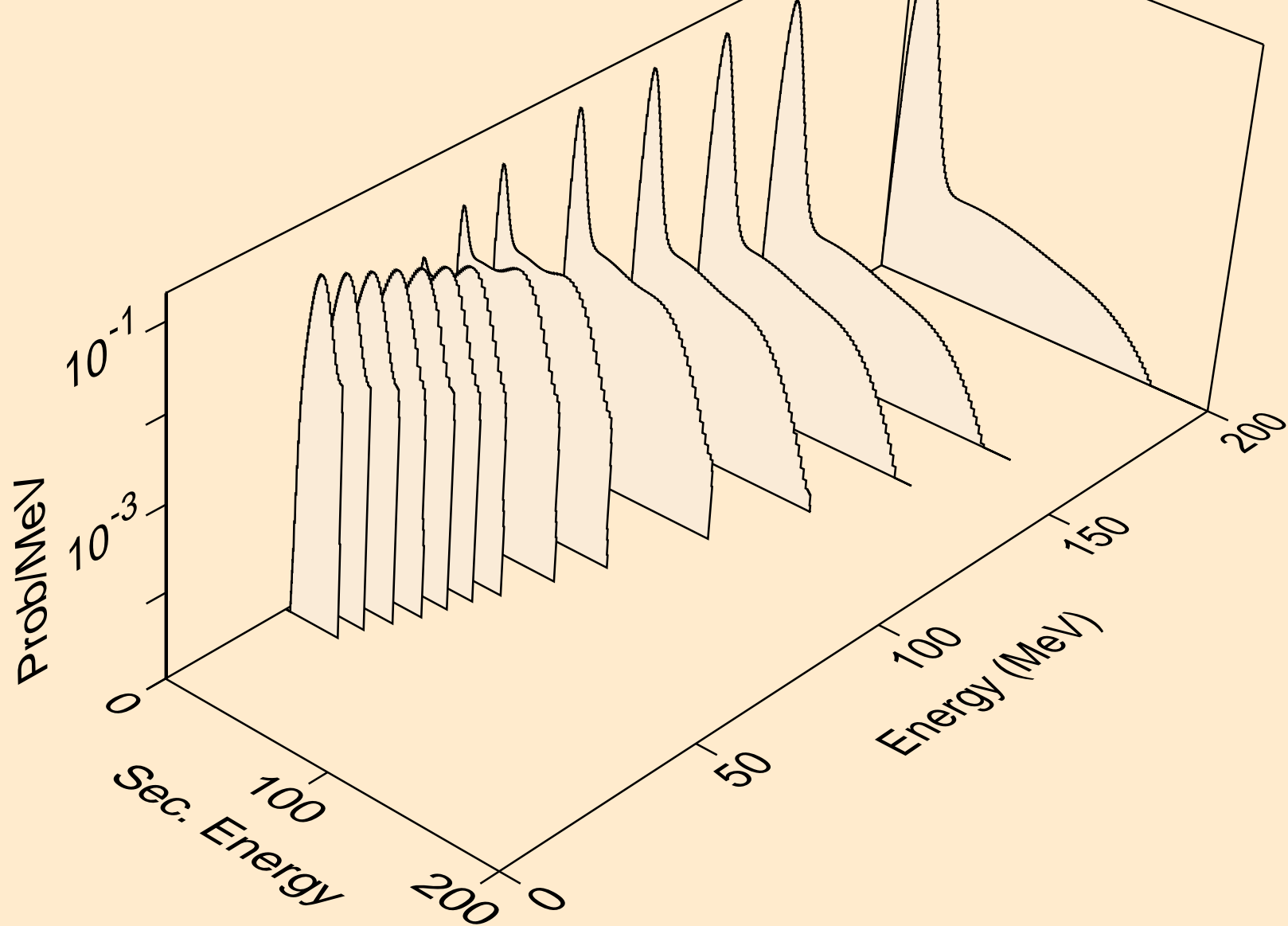
CD119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pd)



CD119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pt)

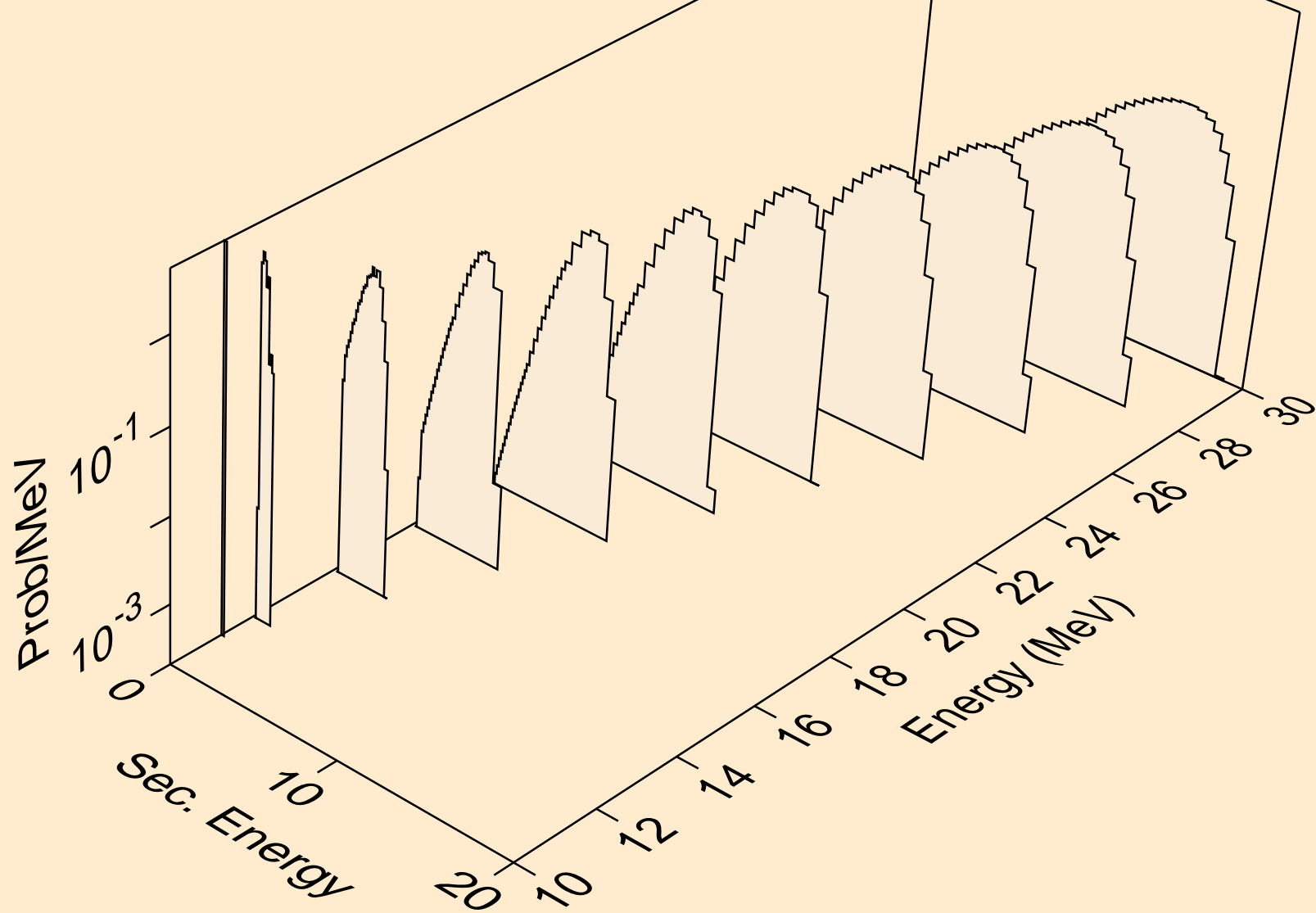


CD119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,x)

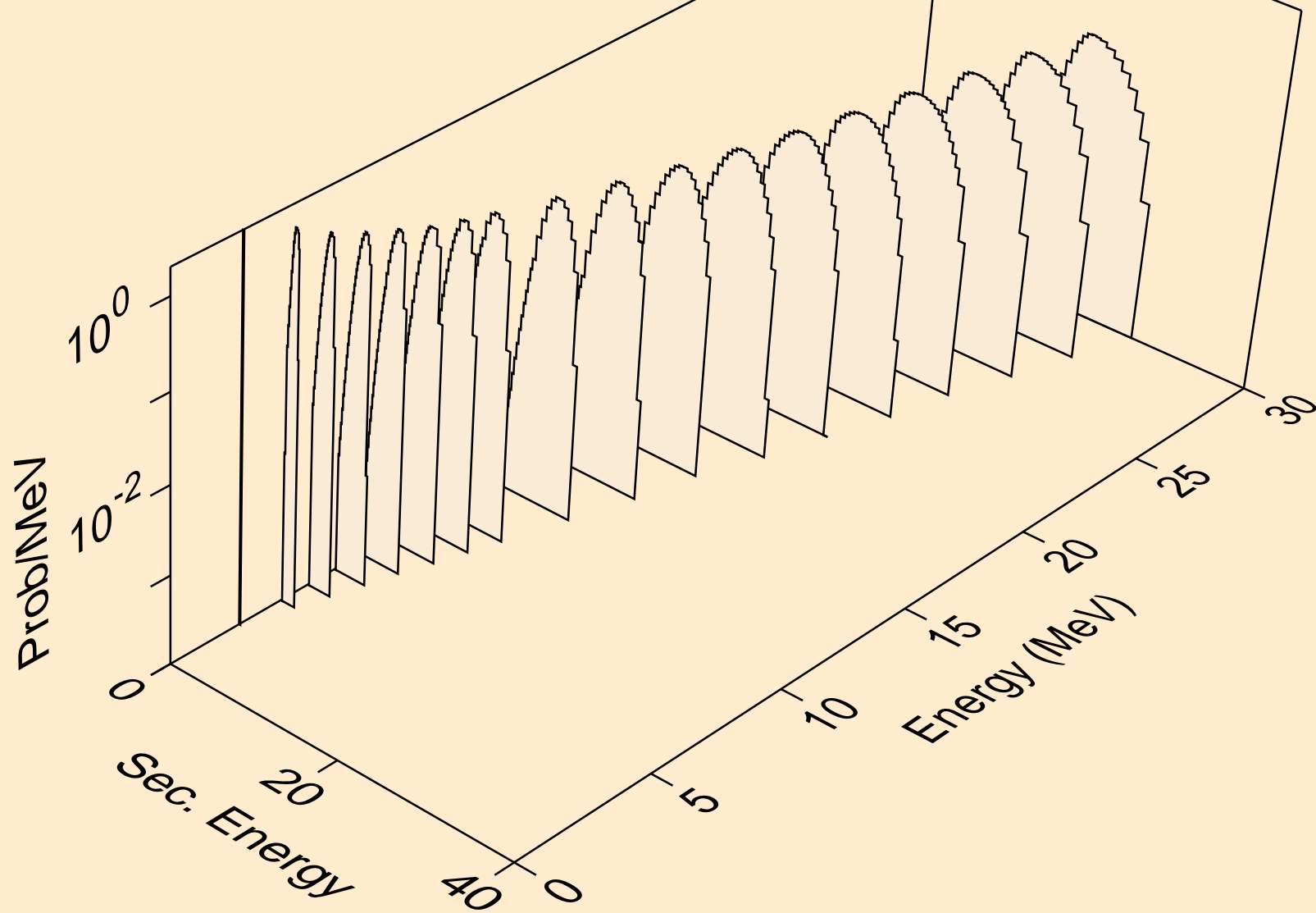




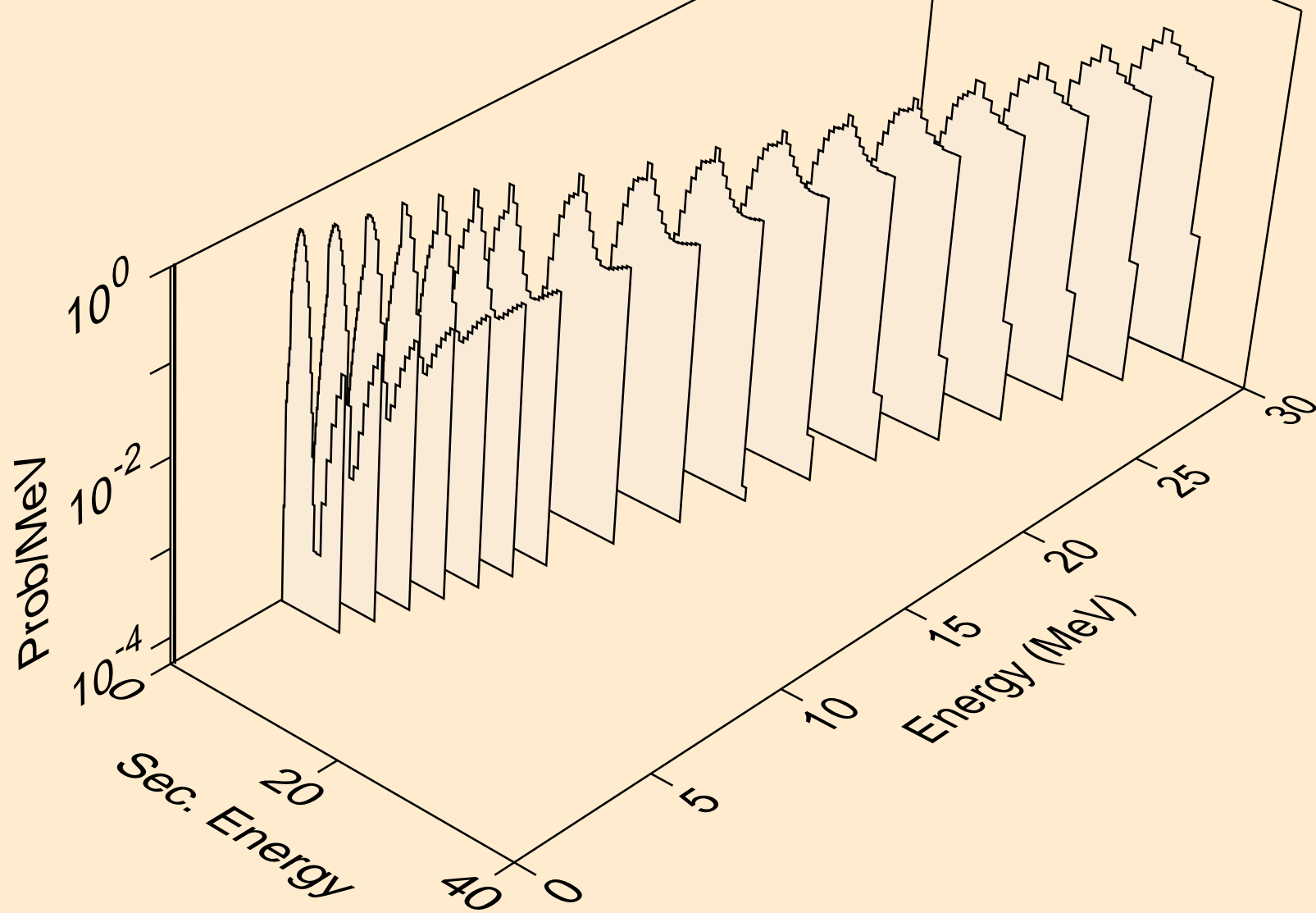
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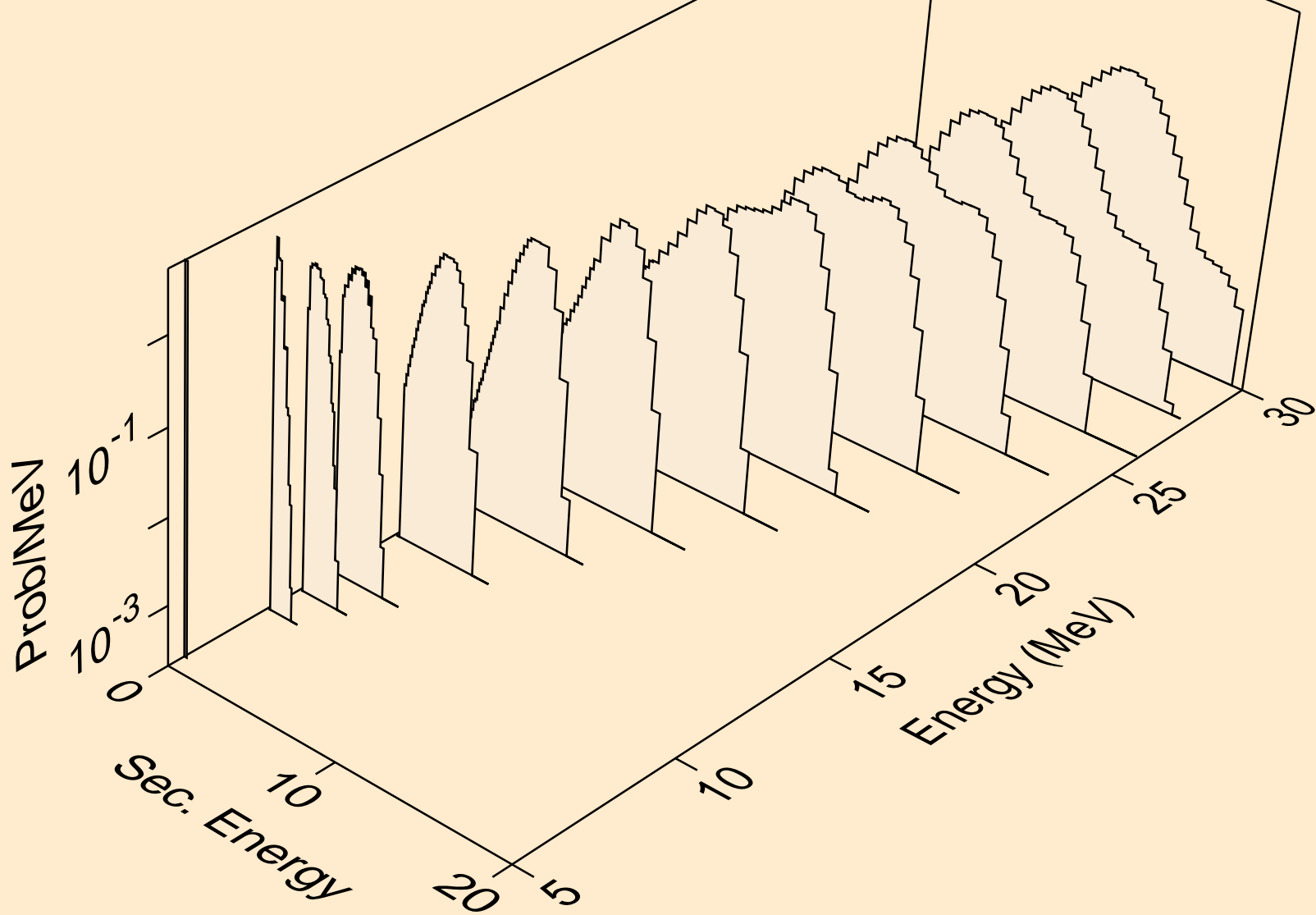
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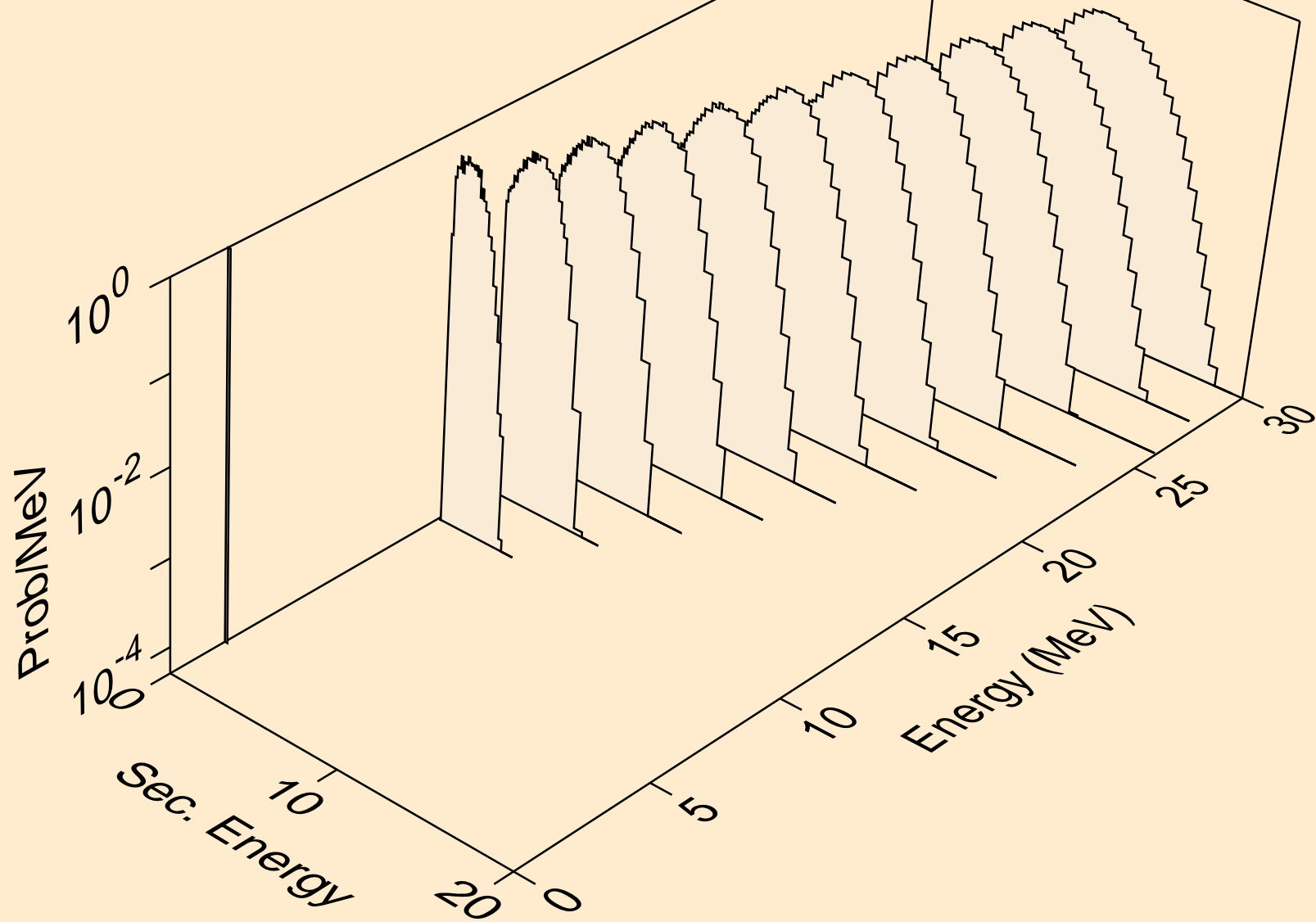
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deuterons from (s,d)



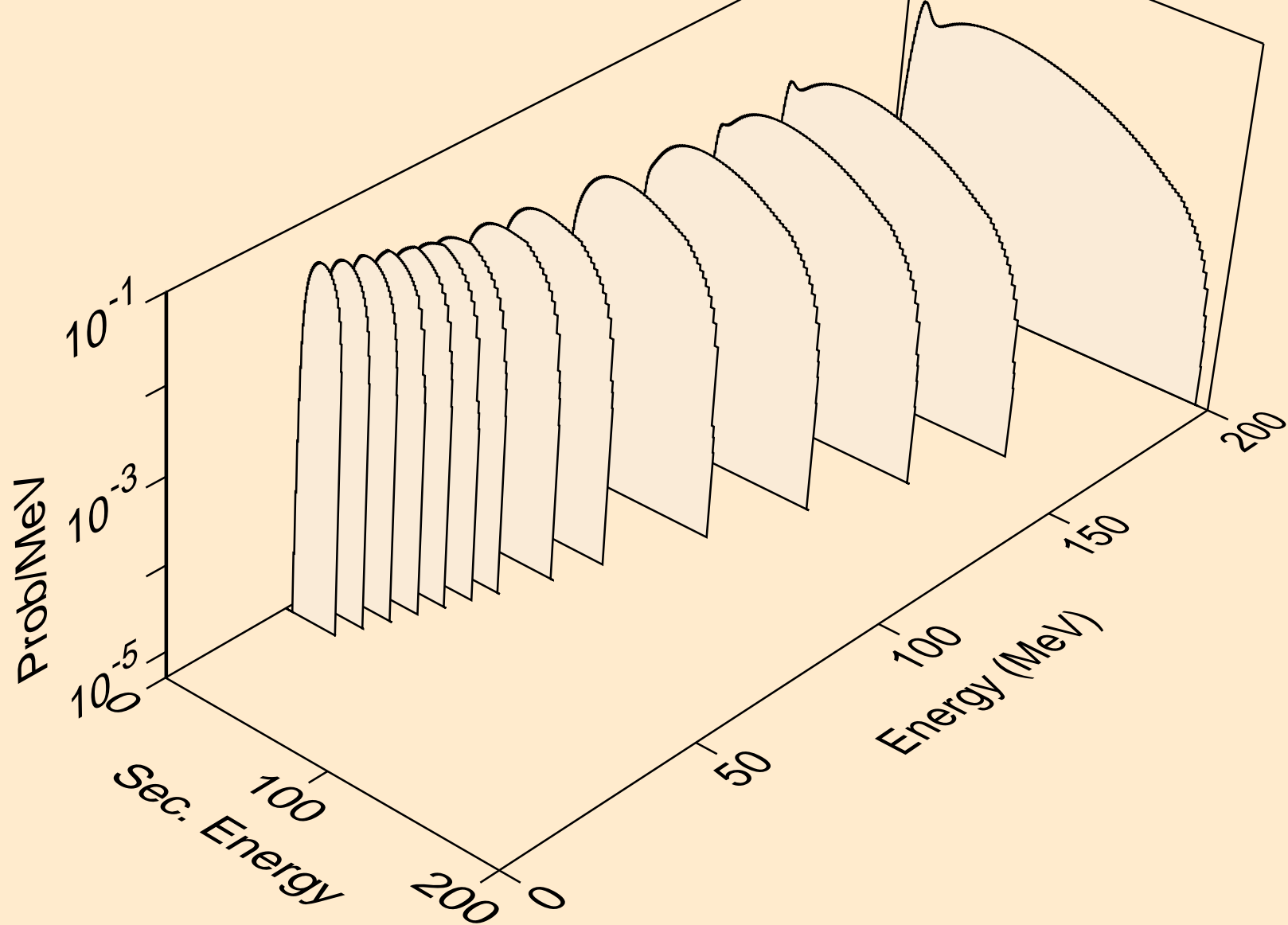
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deuterons from (s,pd)



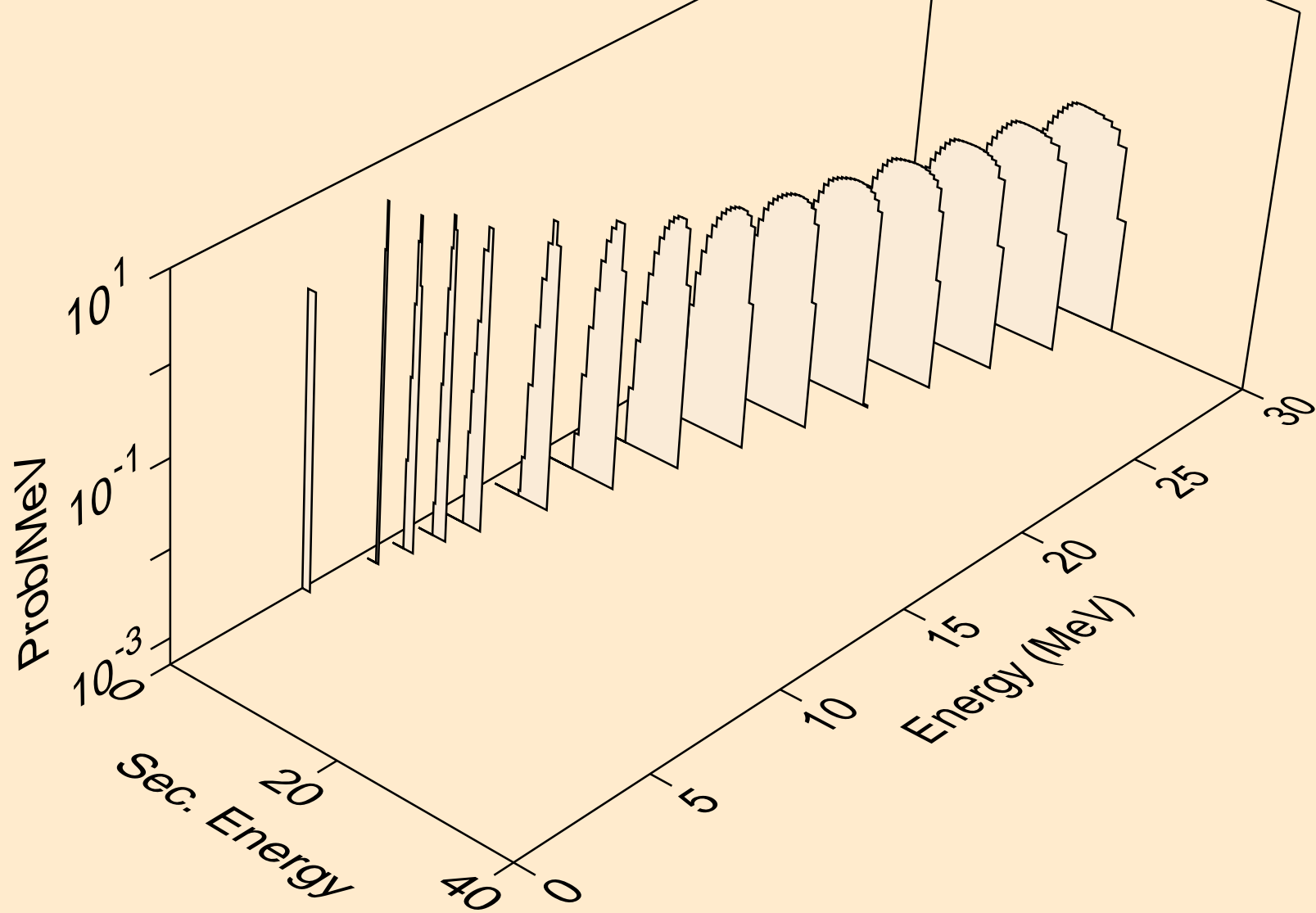
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deuterons from (s,da)



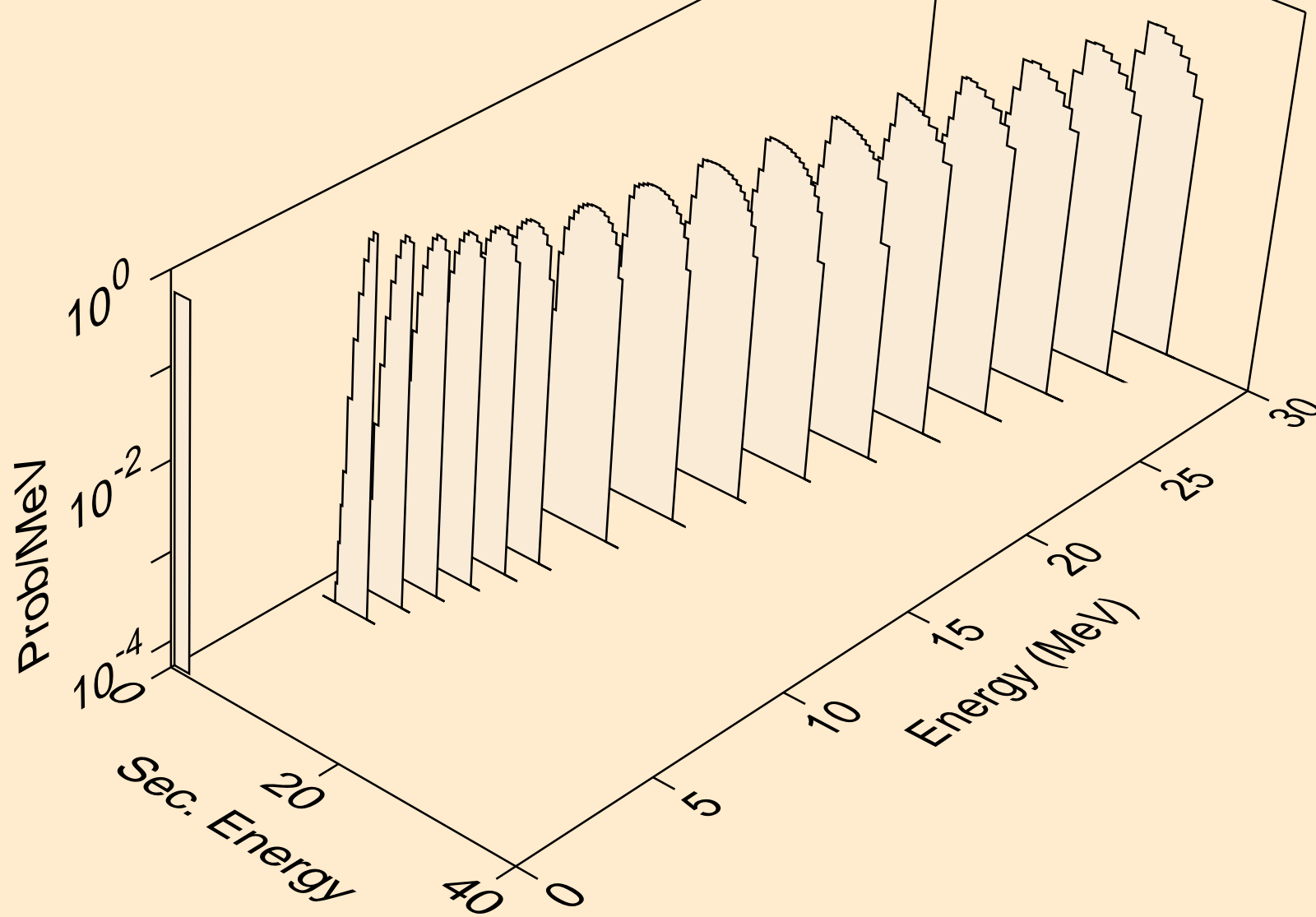
CD119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,x)



CD119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,n\*)t

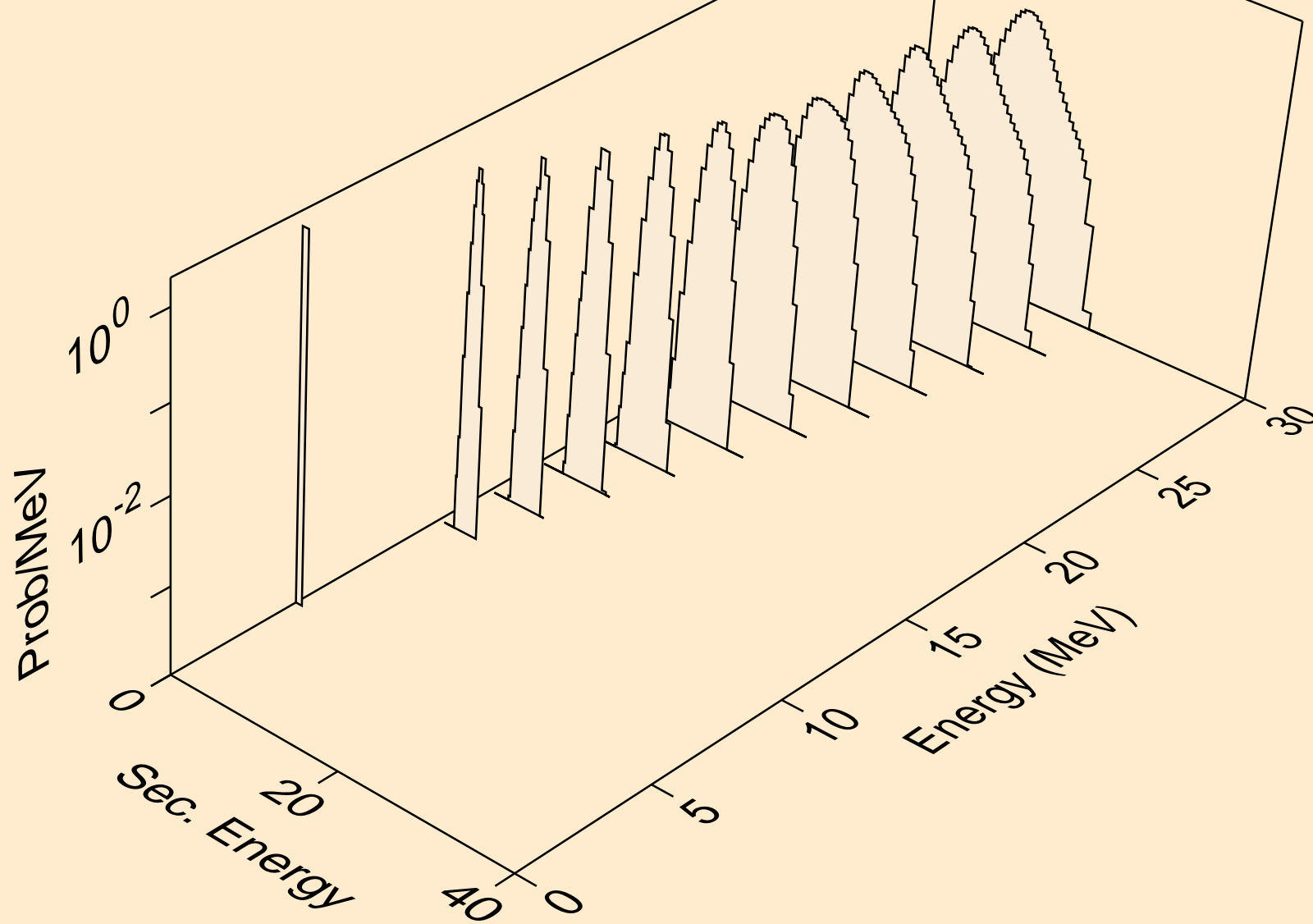


CD119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,t)

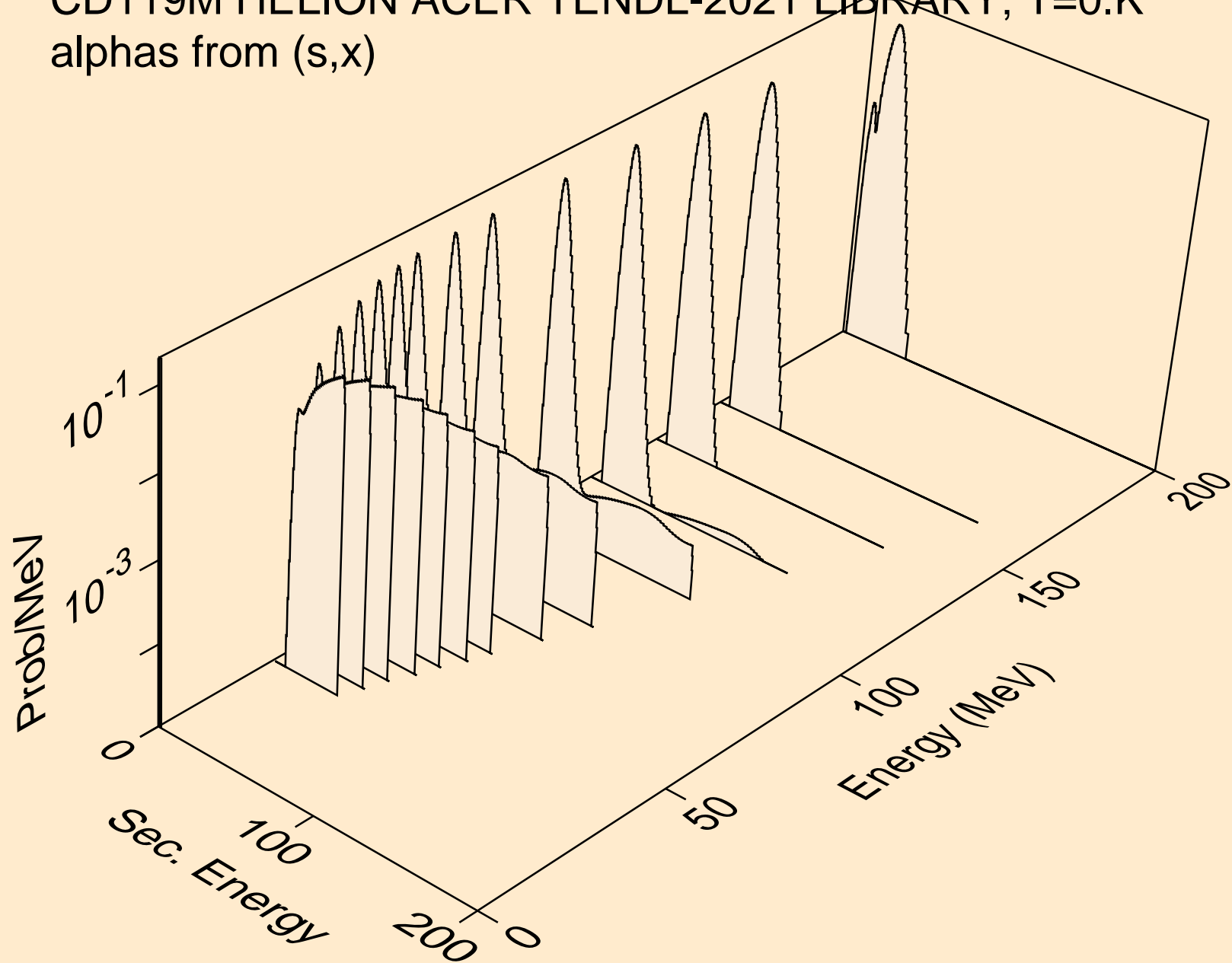




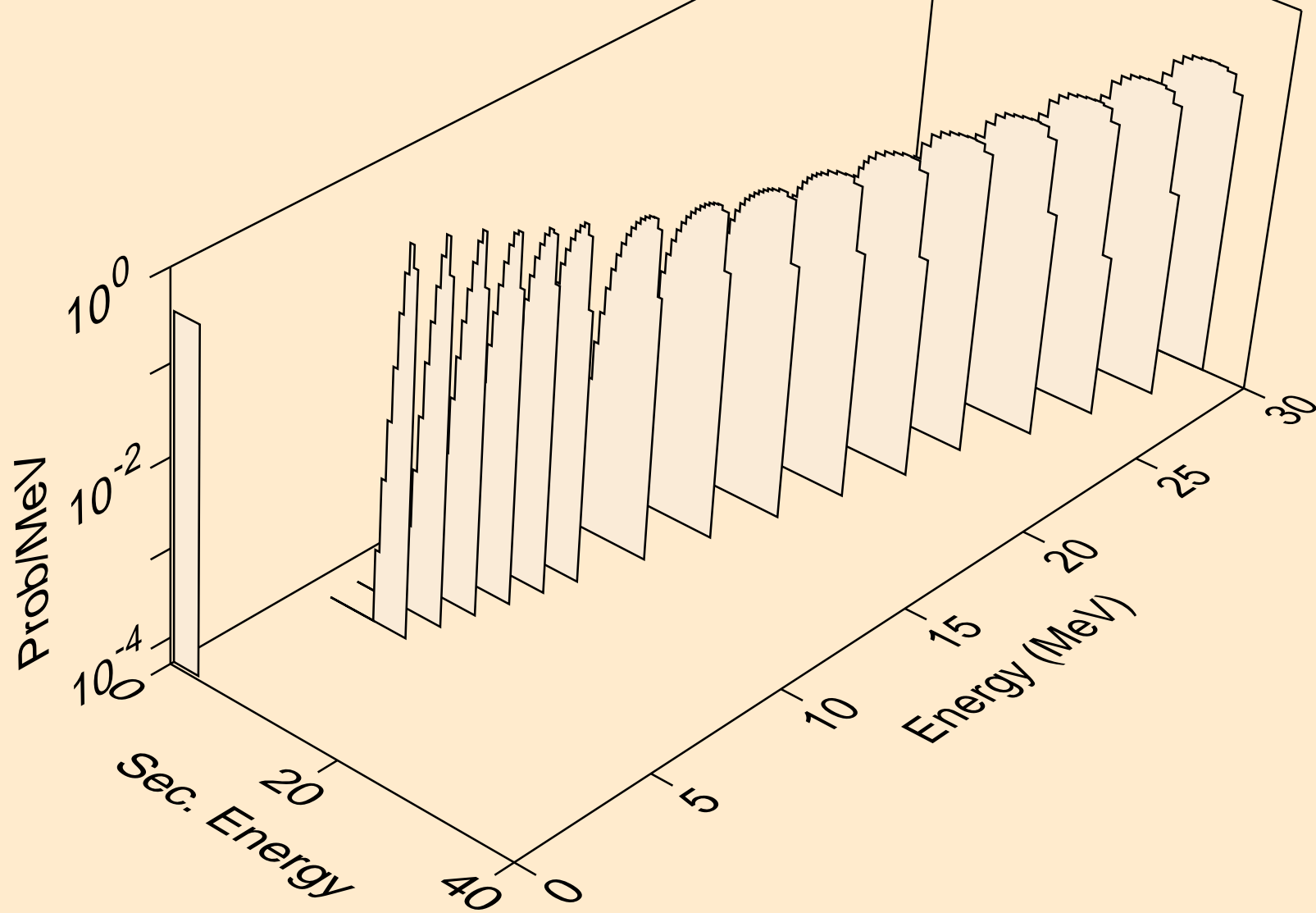
CD119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
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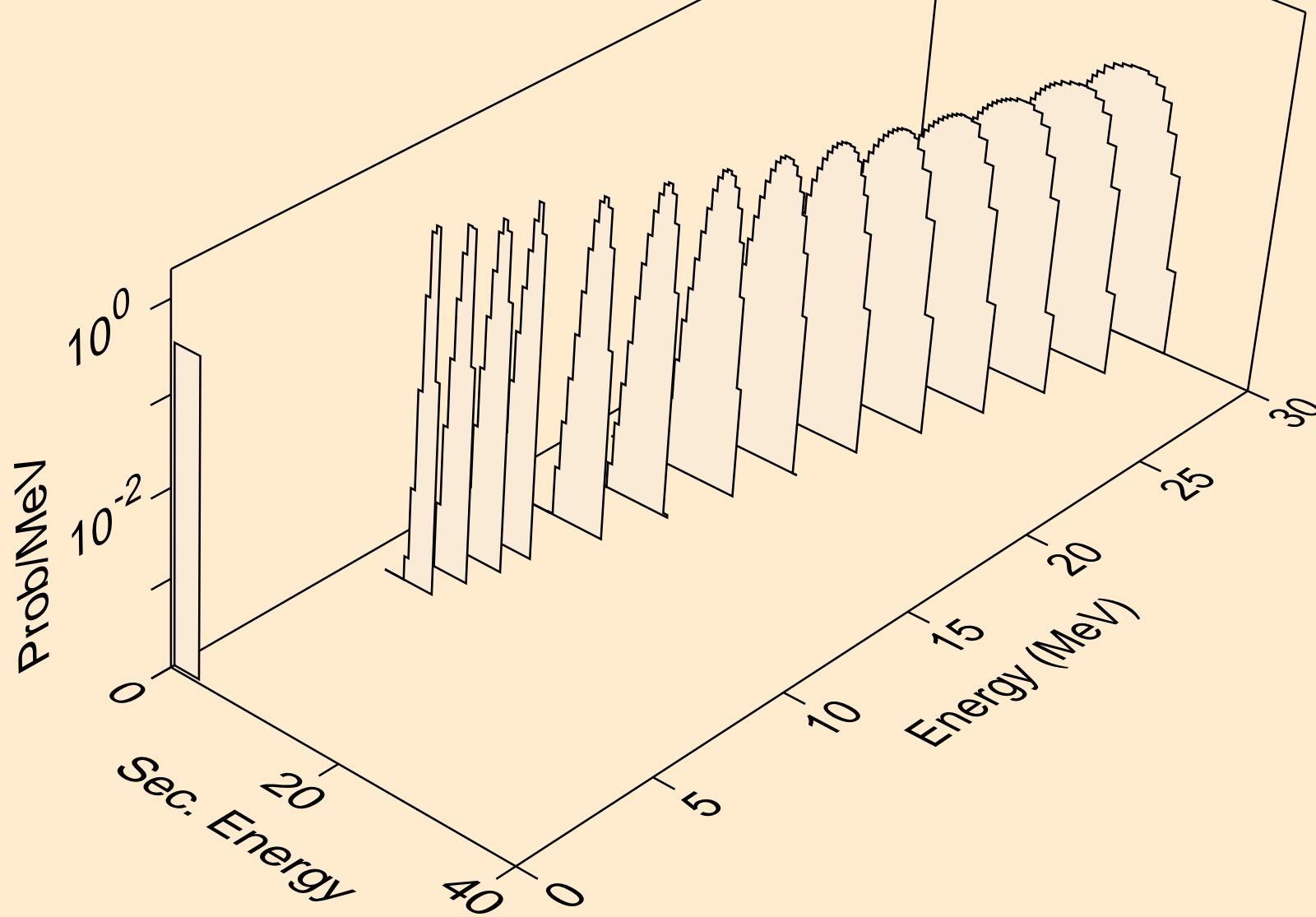
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alphas from (s,x)



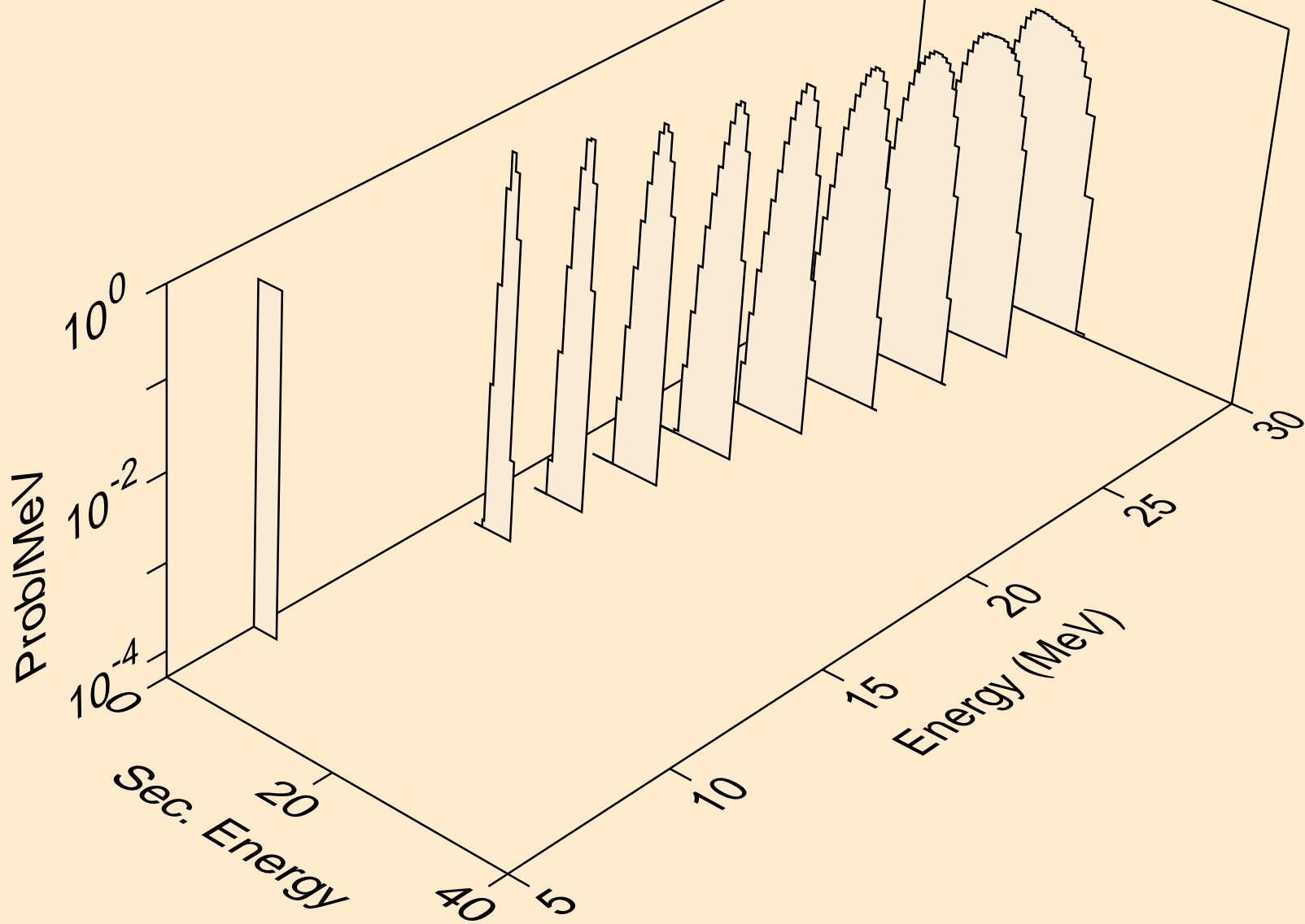
CD119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)a



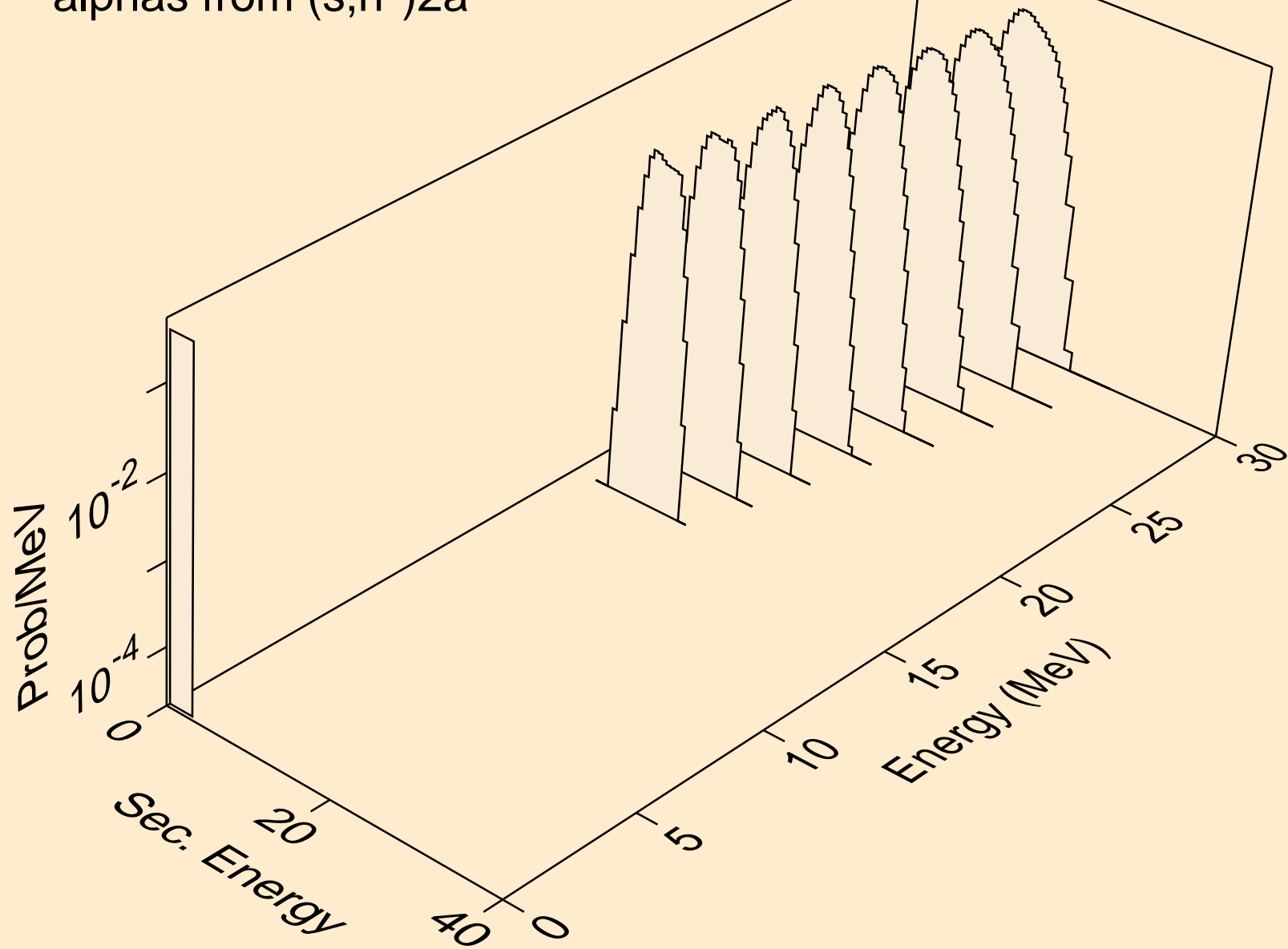
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alphas from (s,2n)a



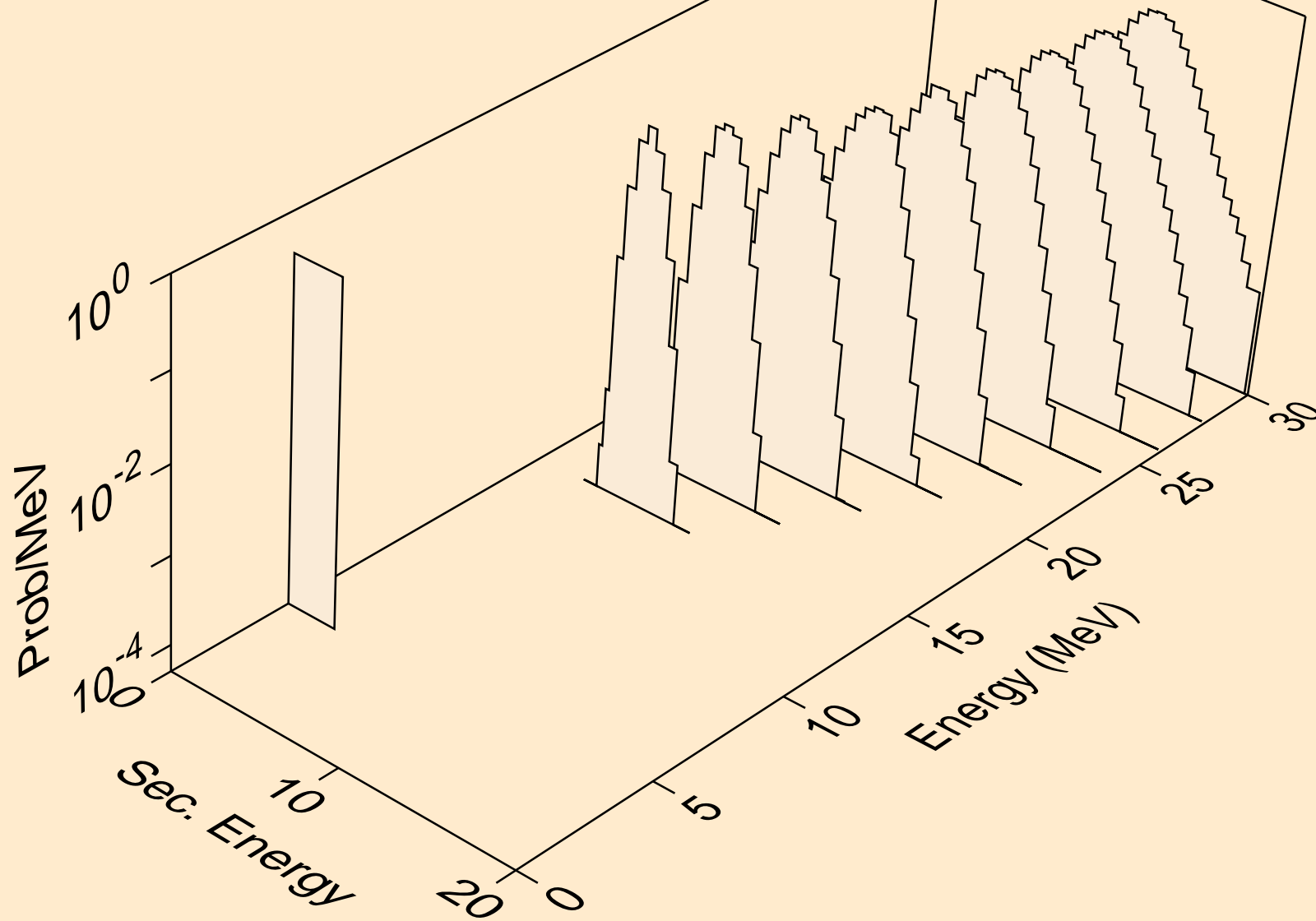
CD119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,3n)a



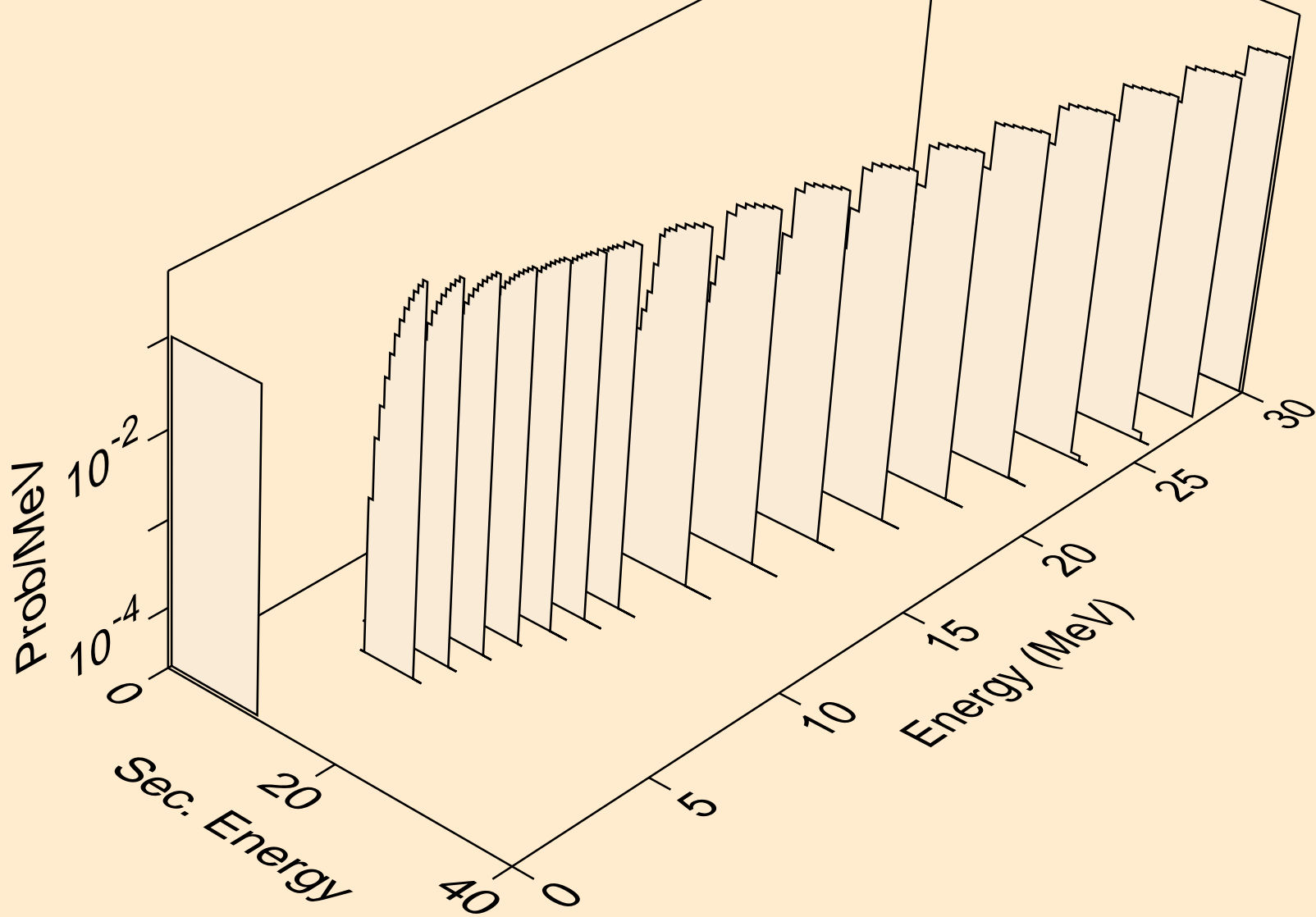
CD119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)2a



CD119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,npa)

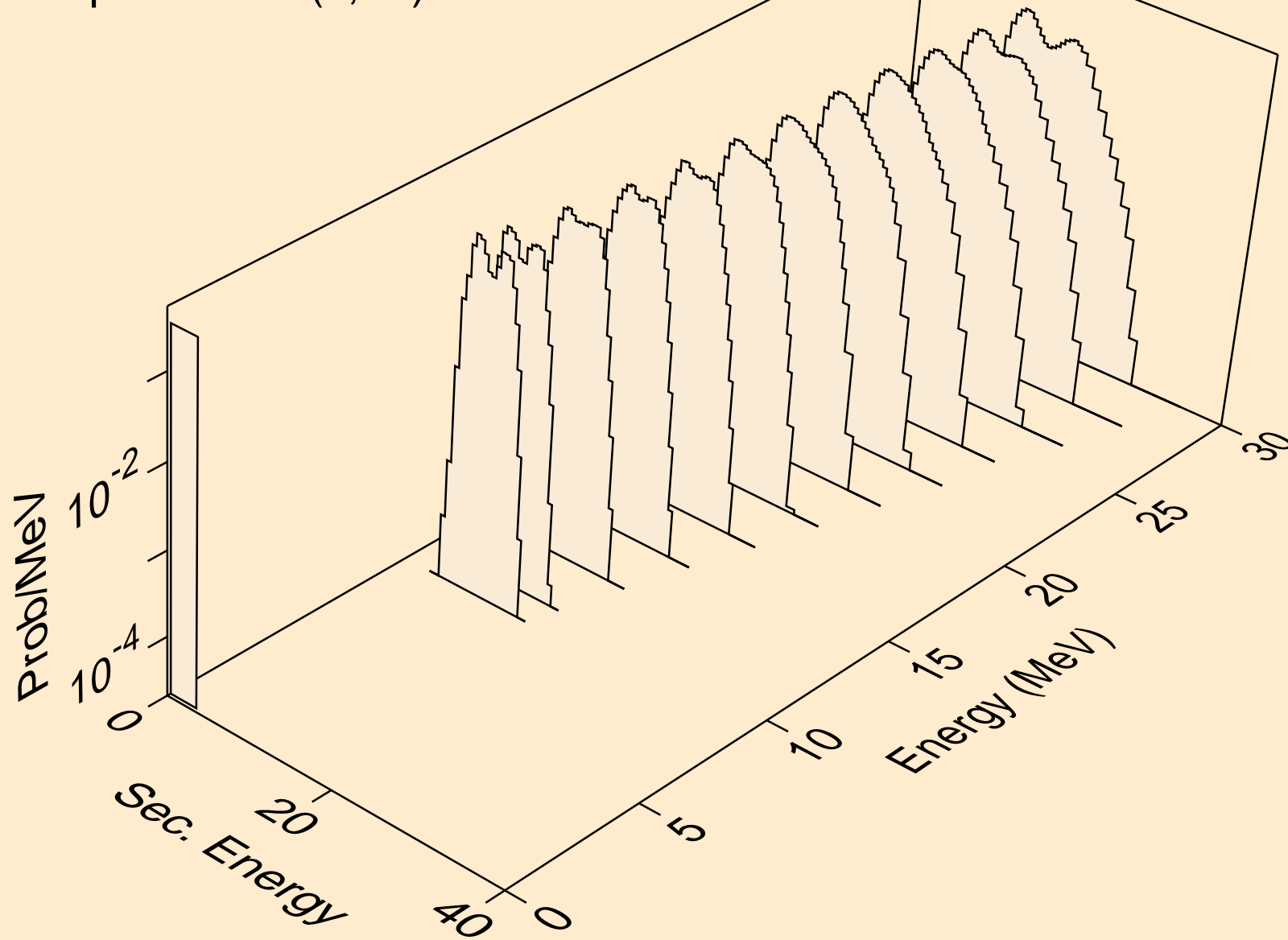


CD119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,a)

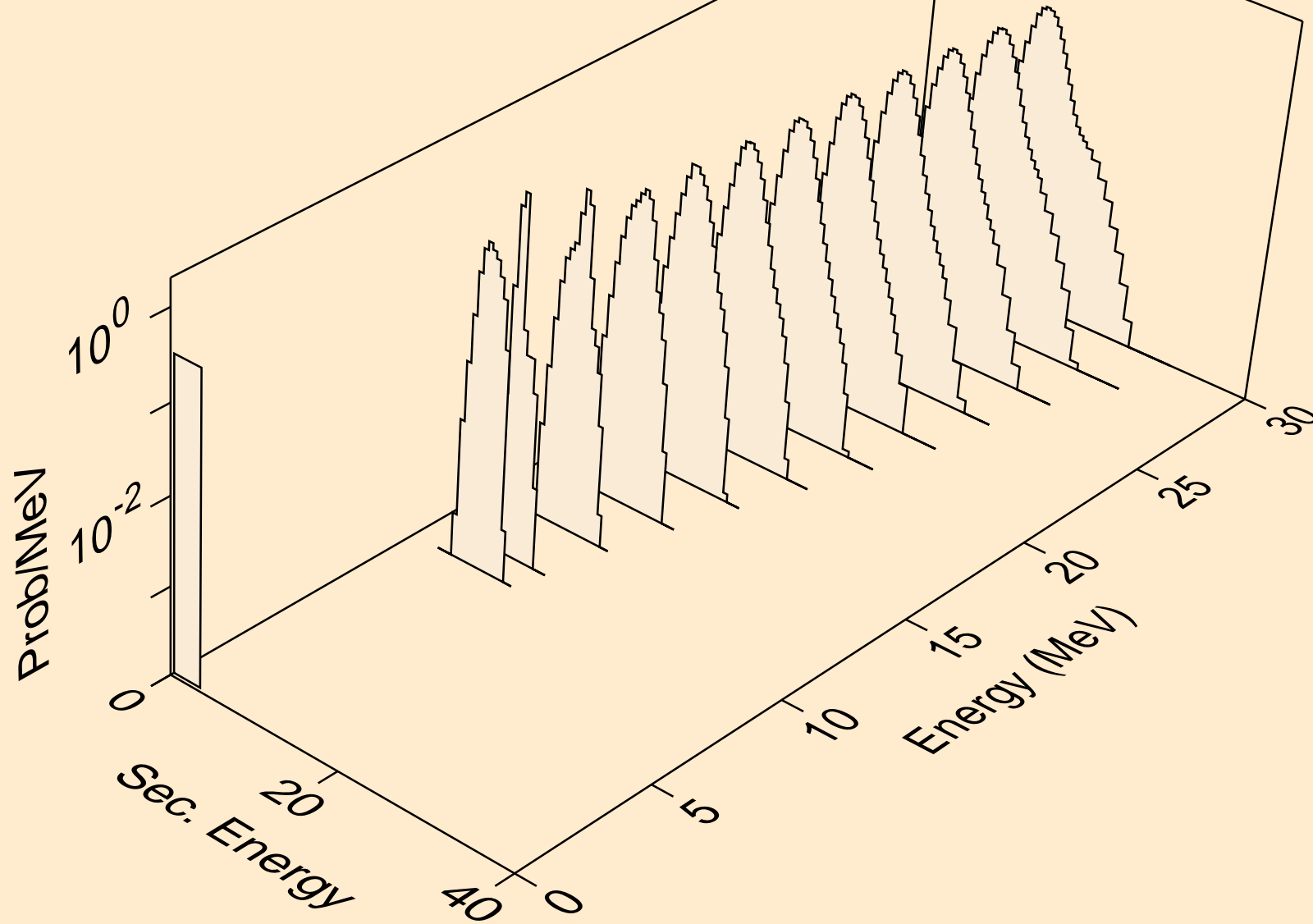




CD119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2a)



CD119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,pa)



CD119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,da)

