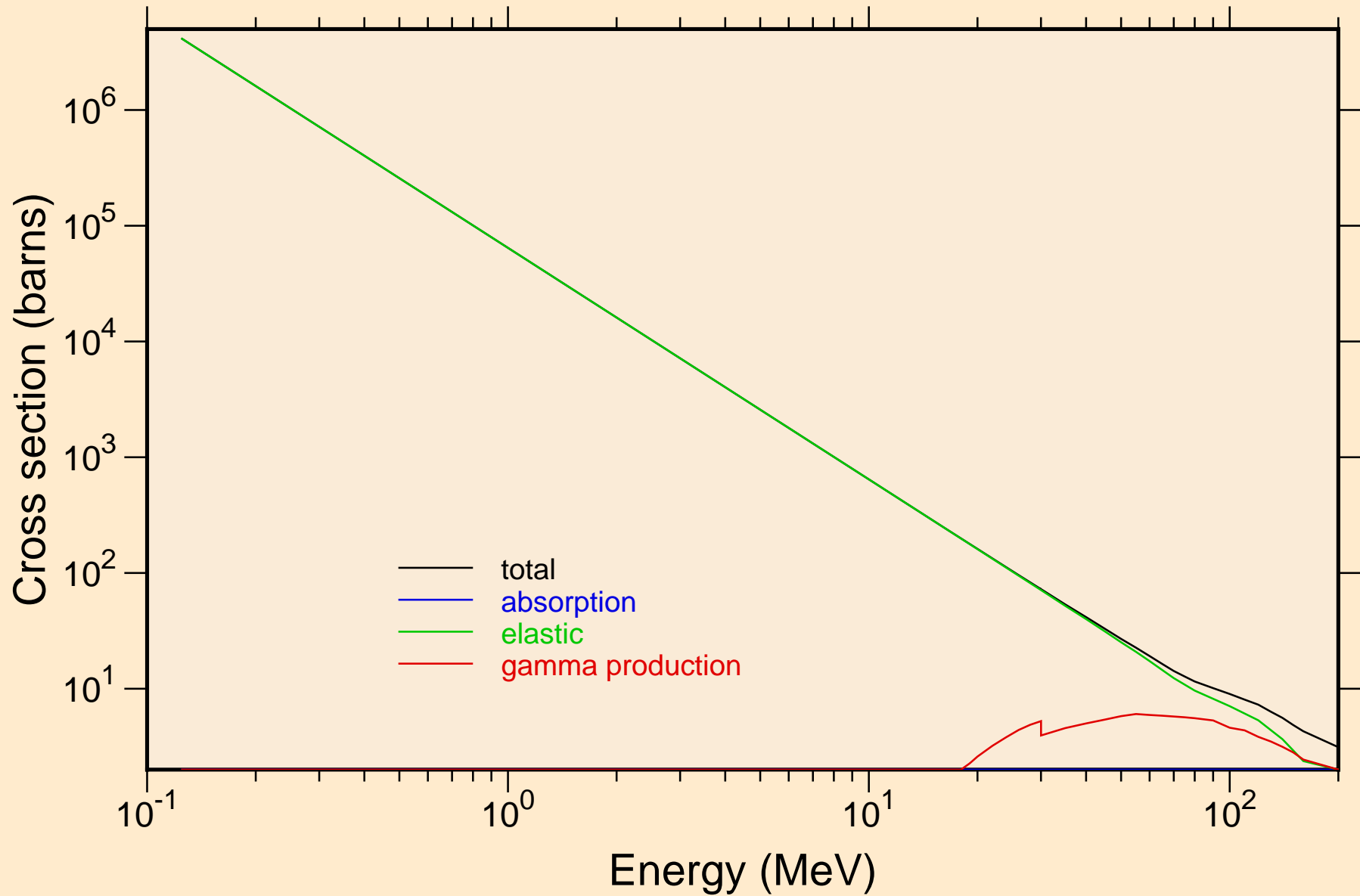


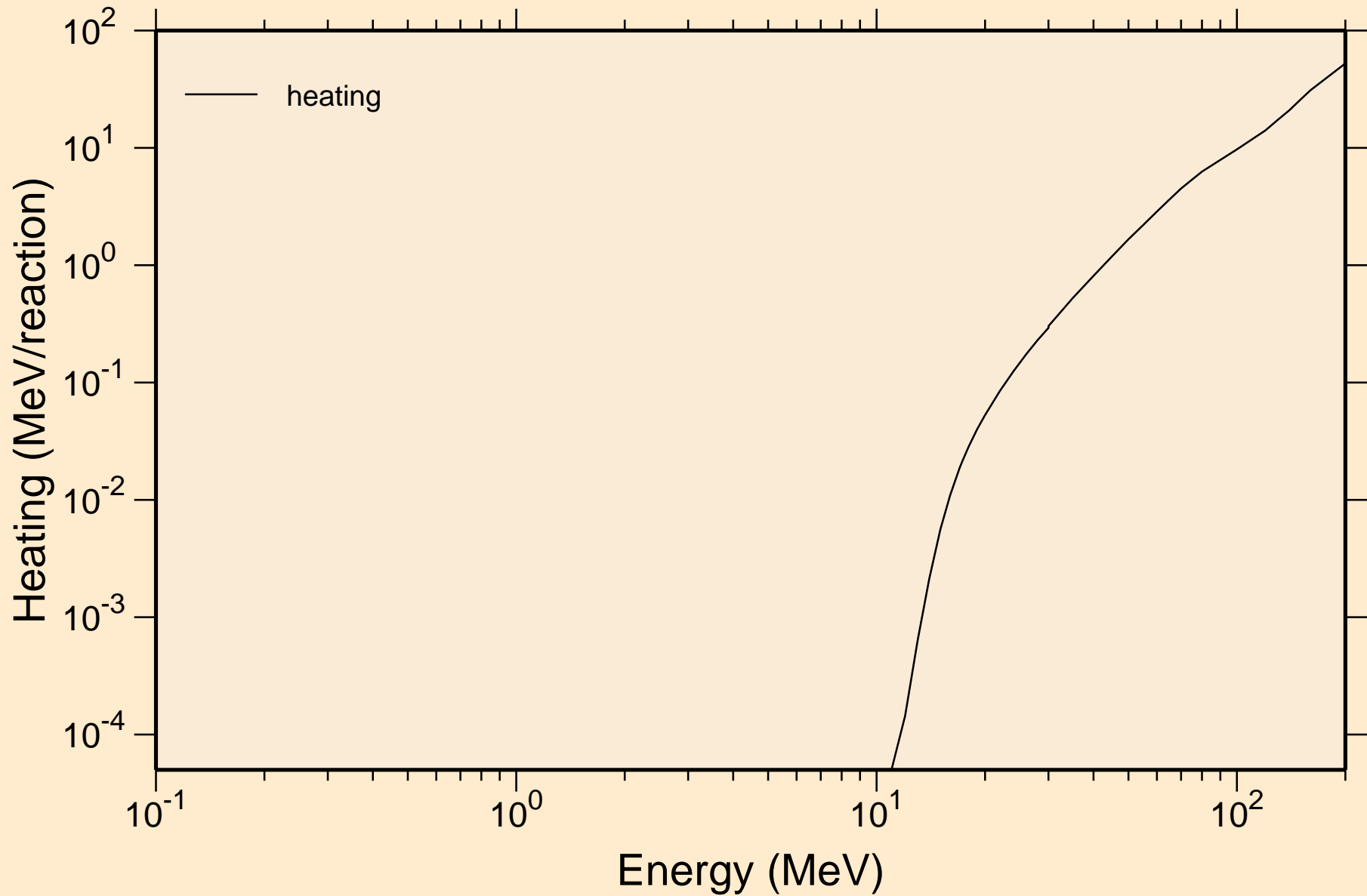
# SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



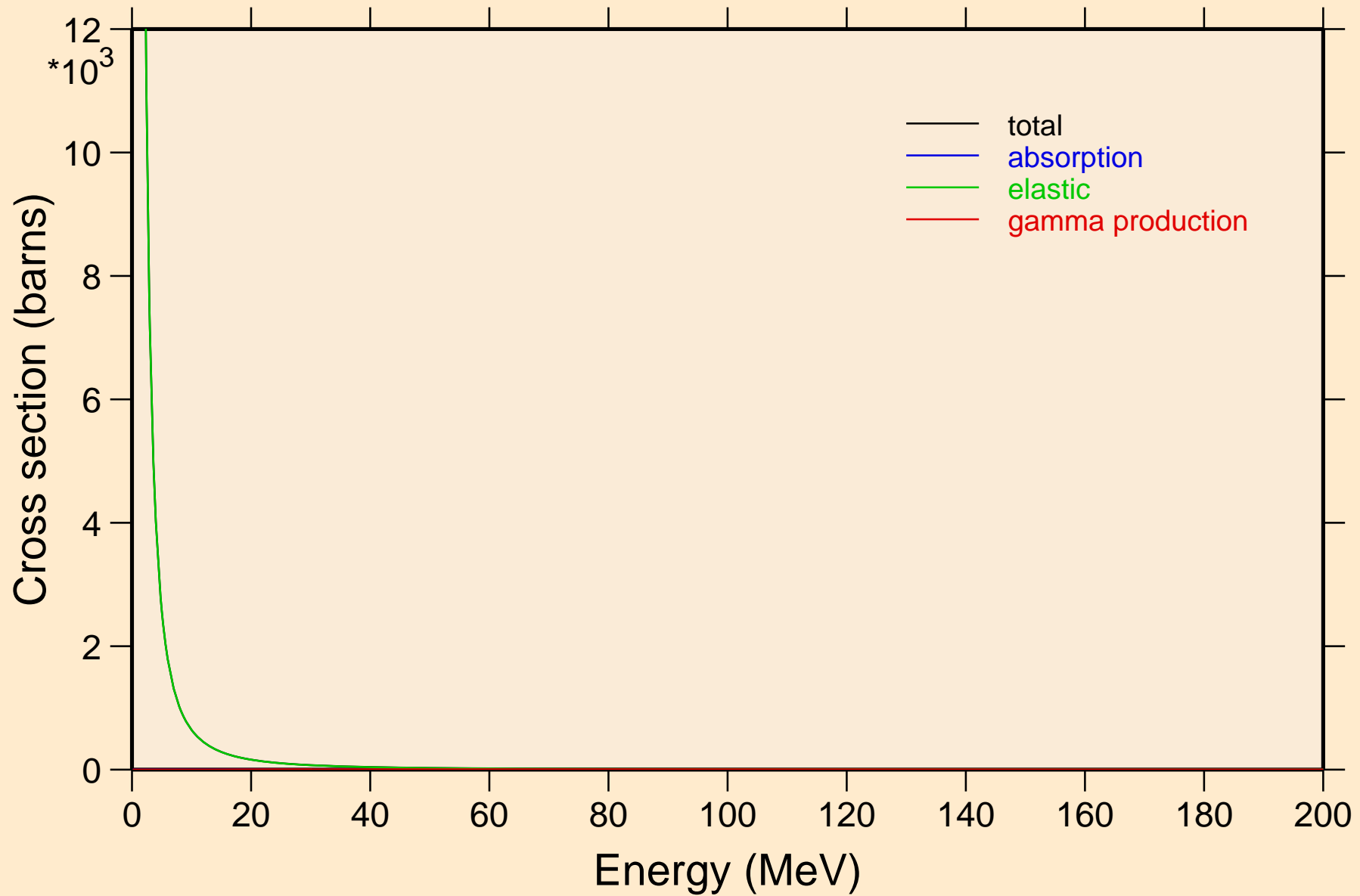
# SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Heating



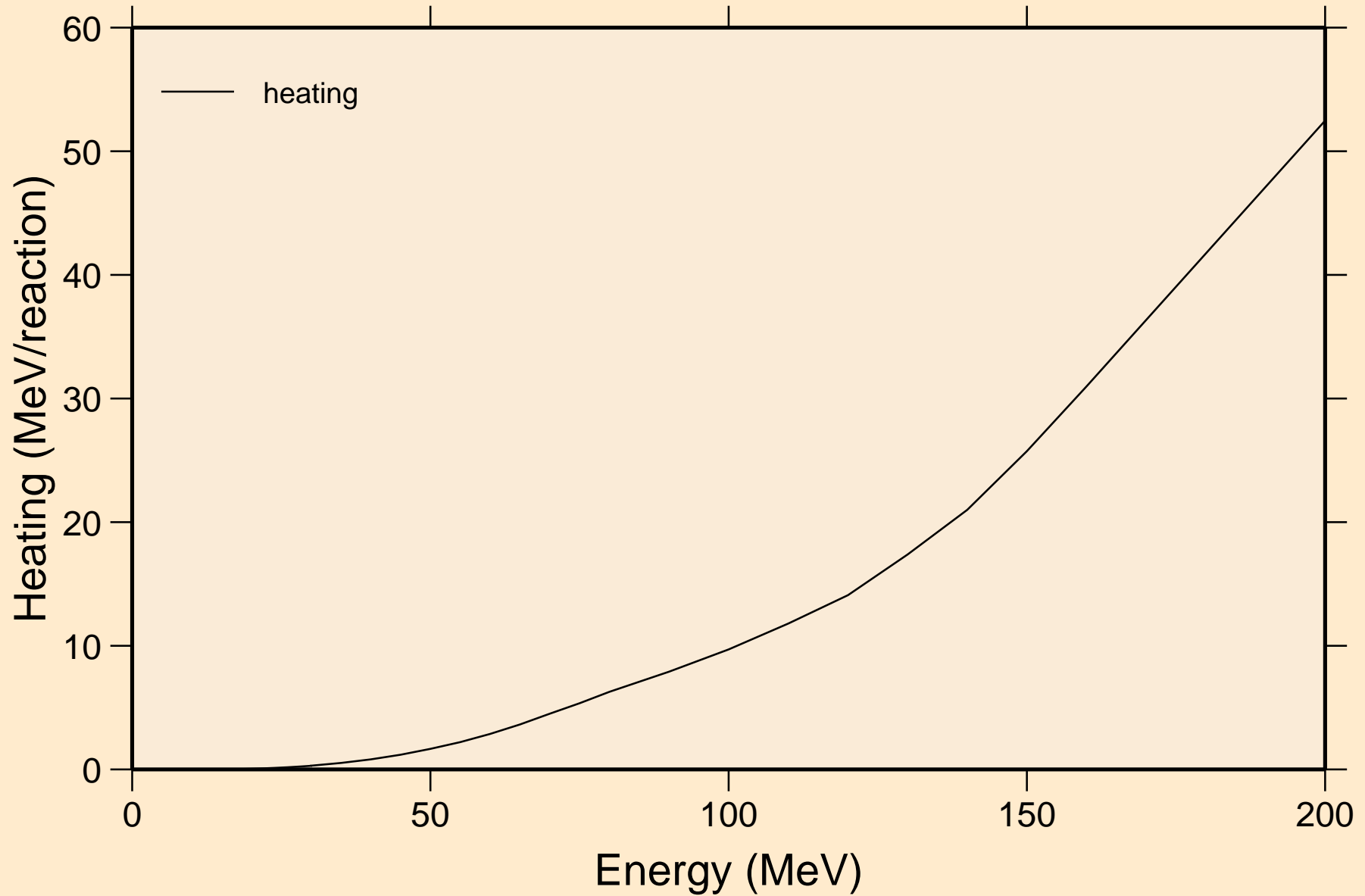
# SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



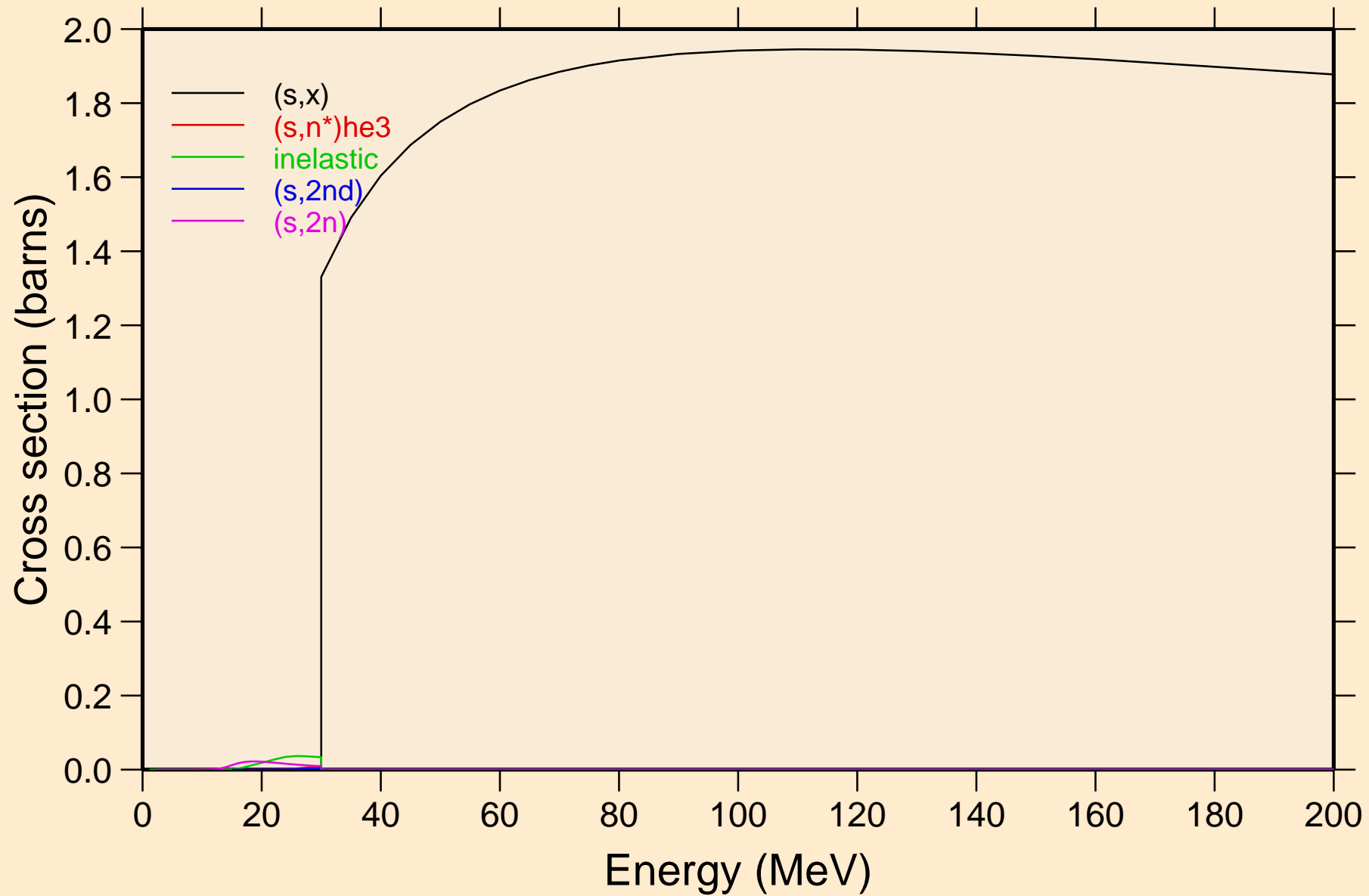
# SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Heating



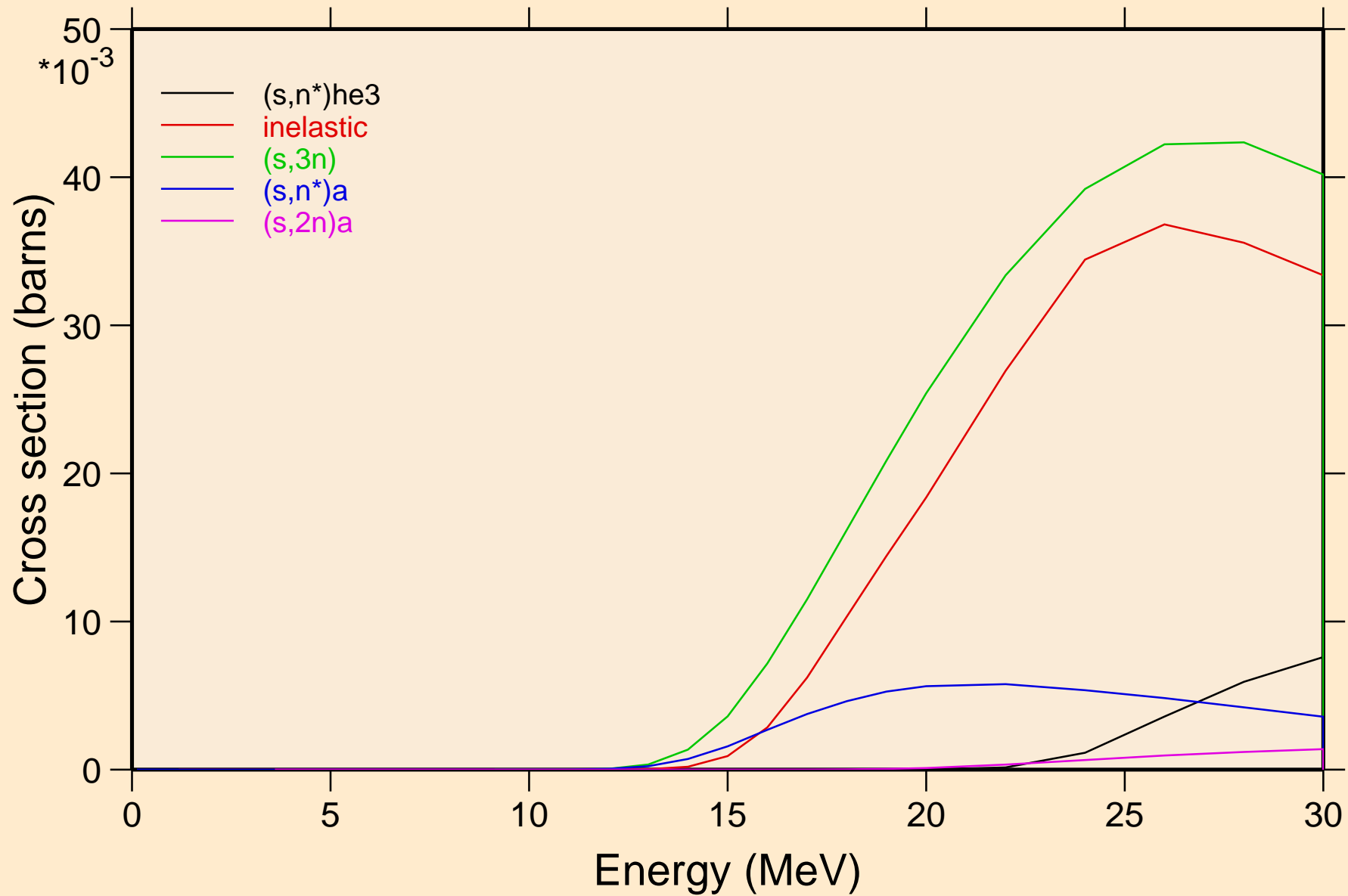
# SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions



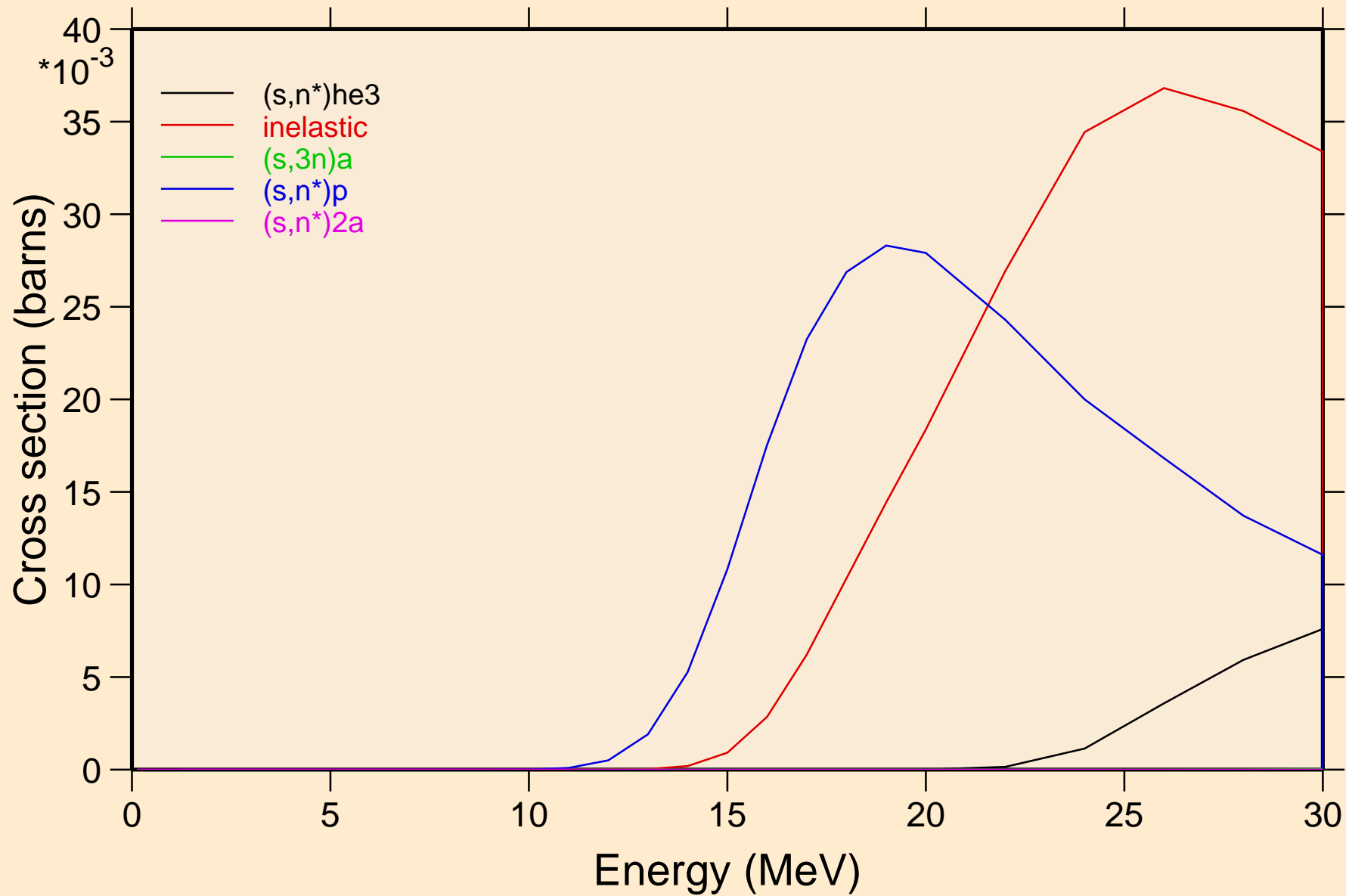
# SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions

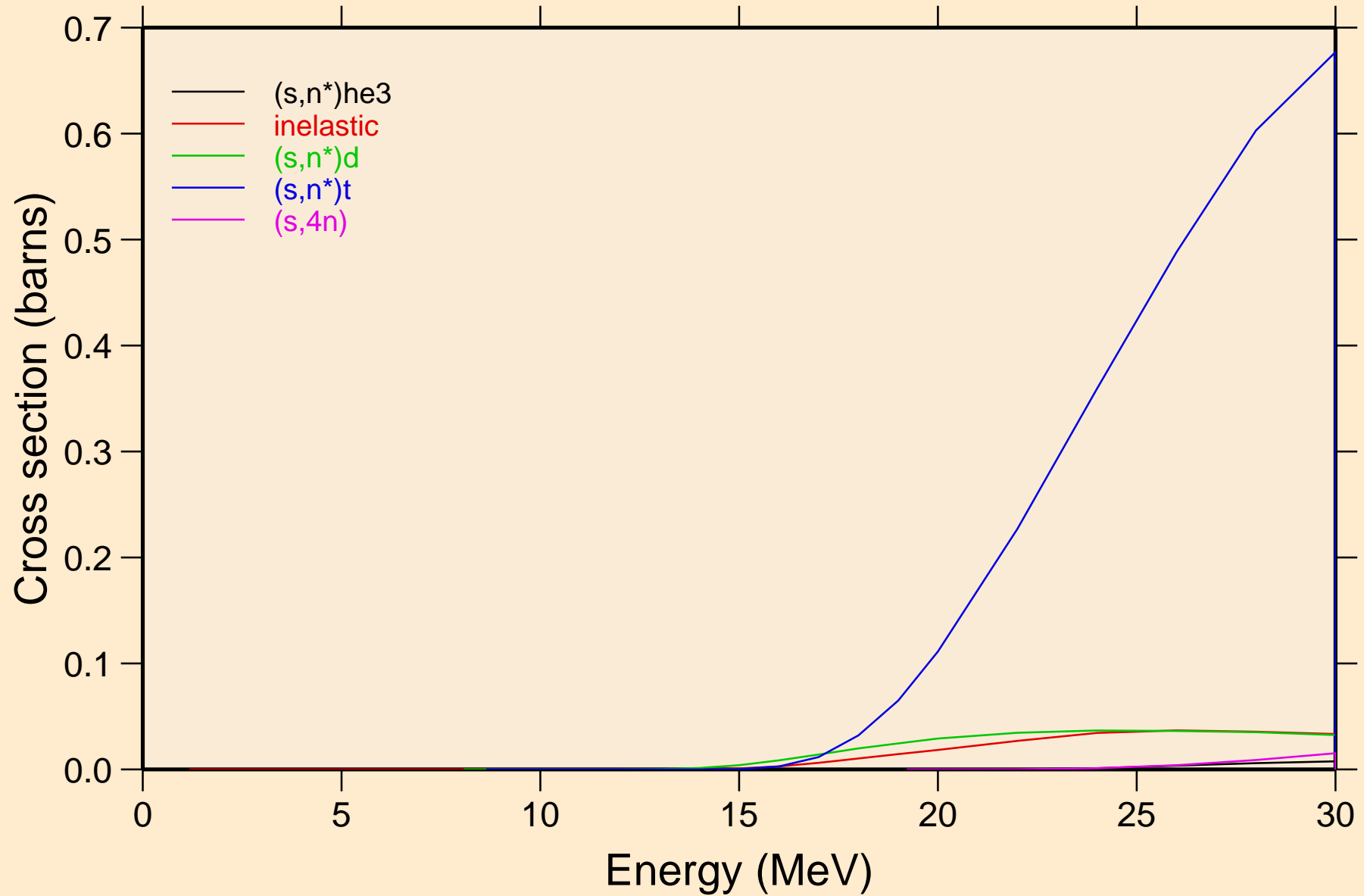


# SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions



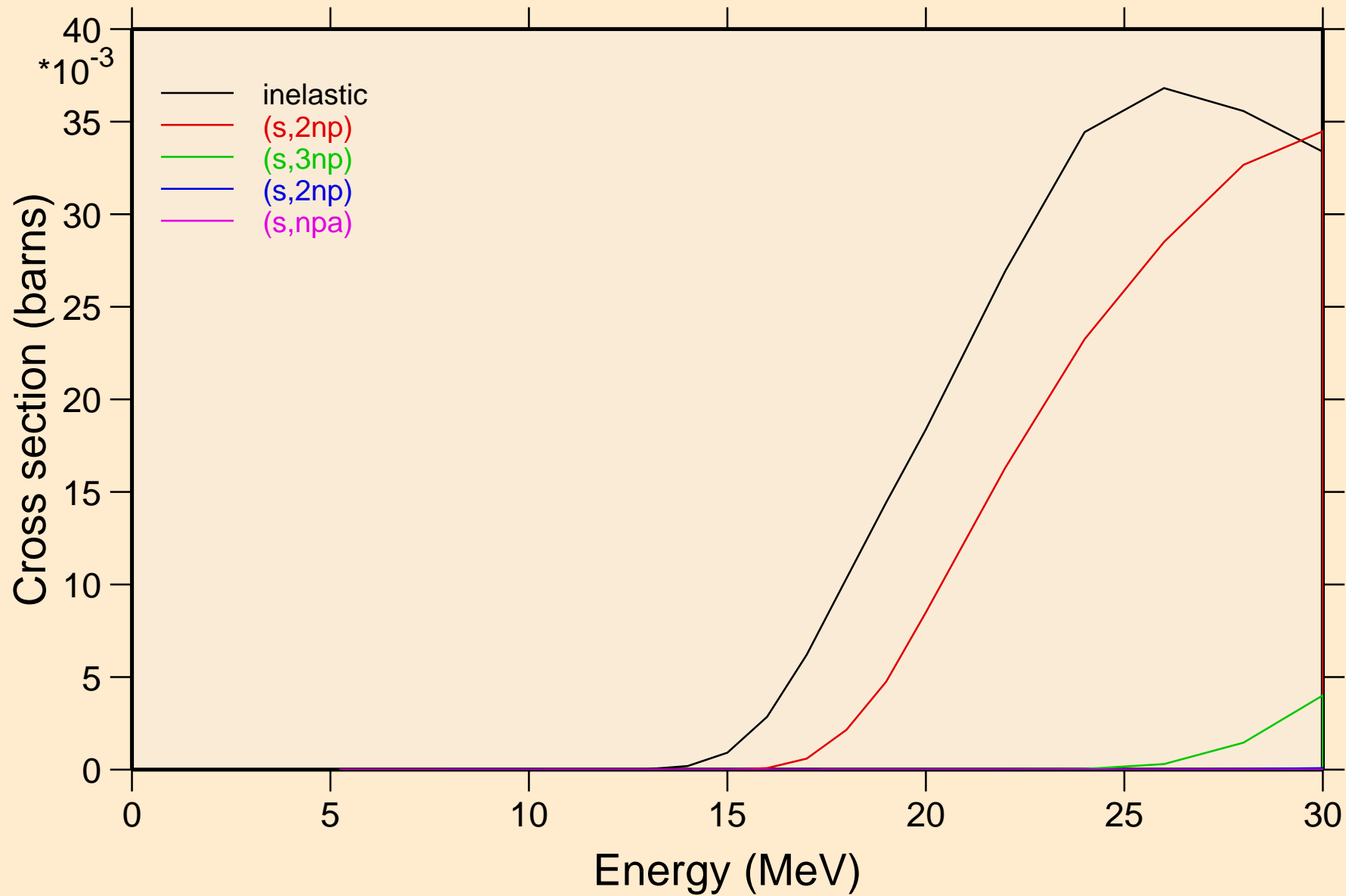
SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions





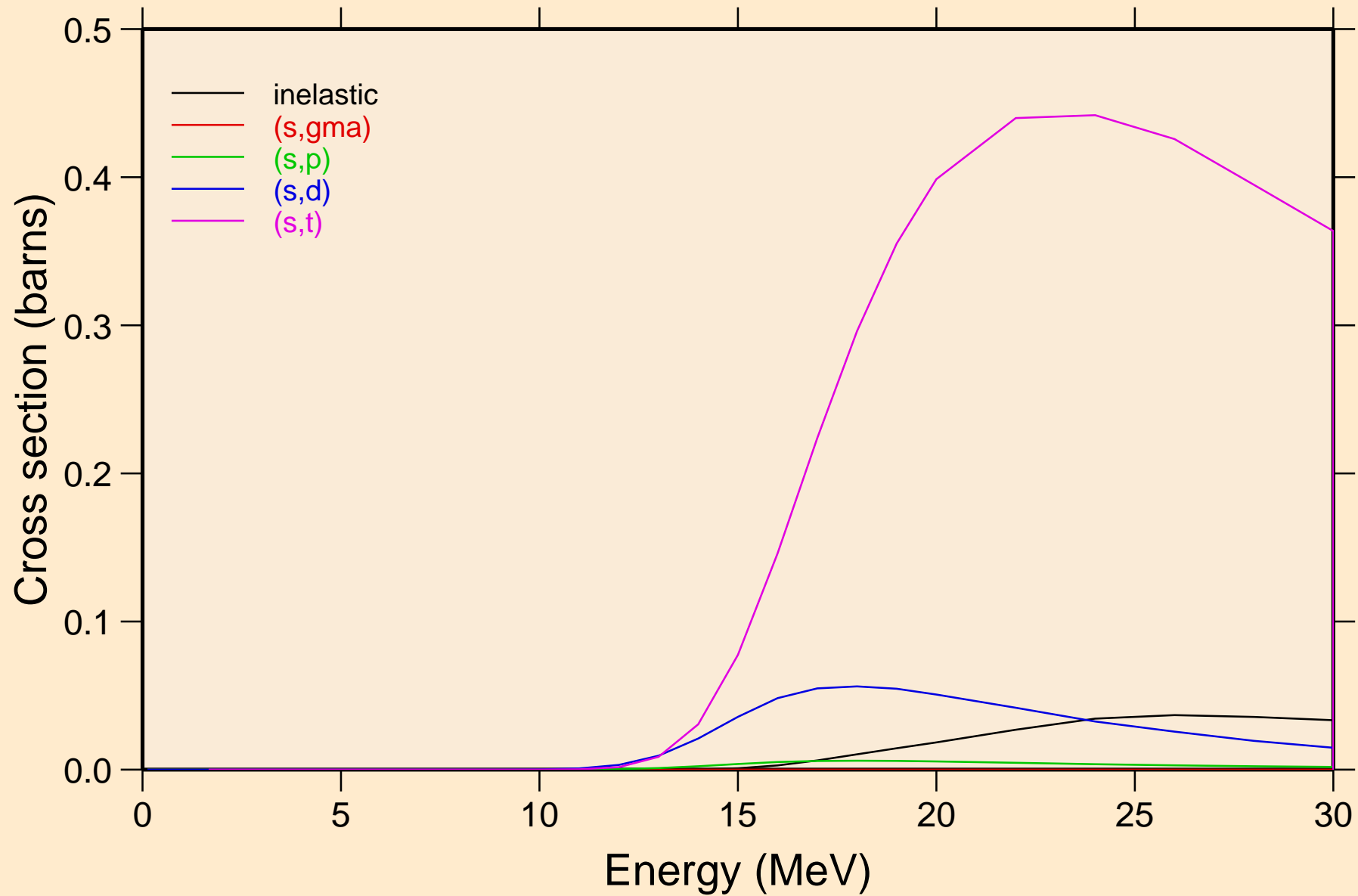
# SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions

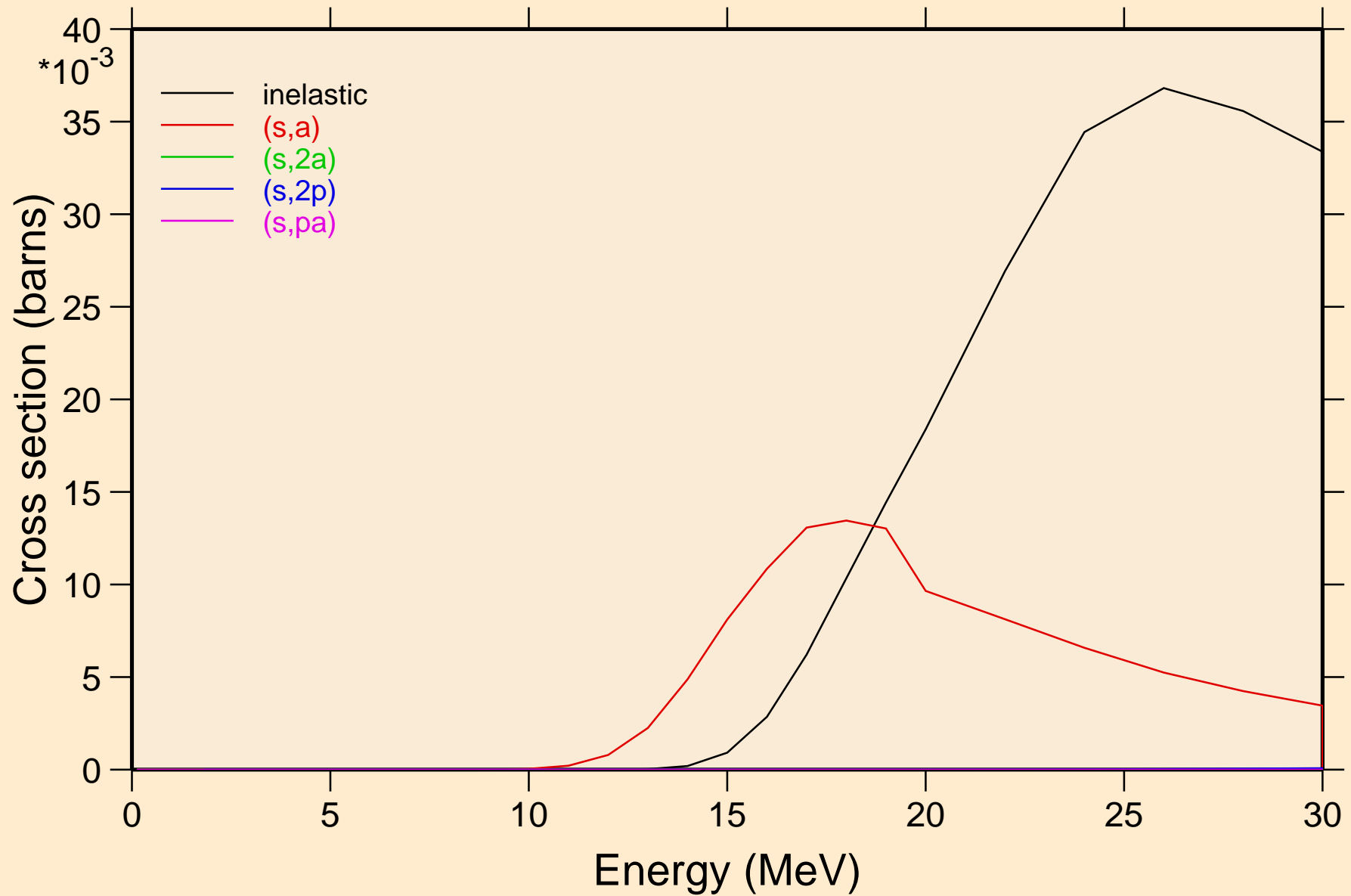


# SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K

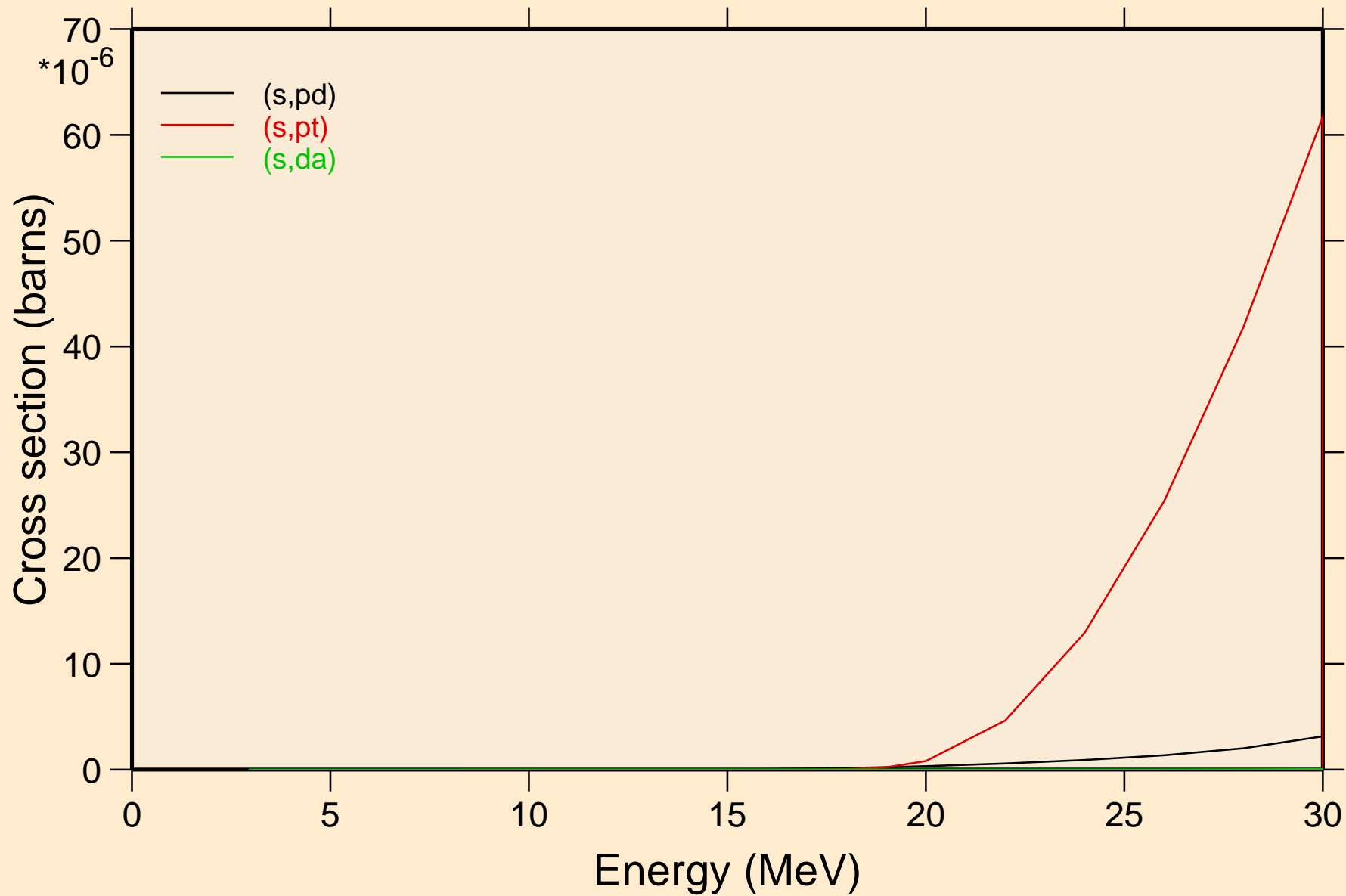
## Threshold reactions



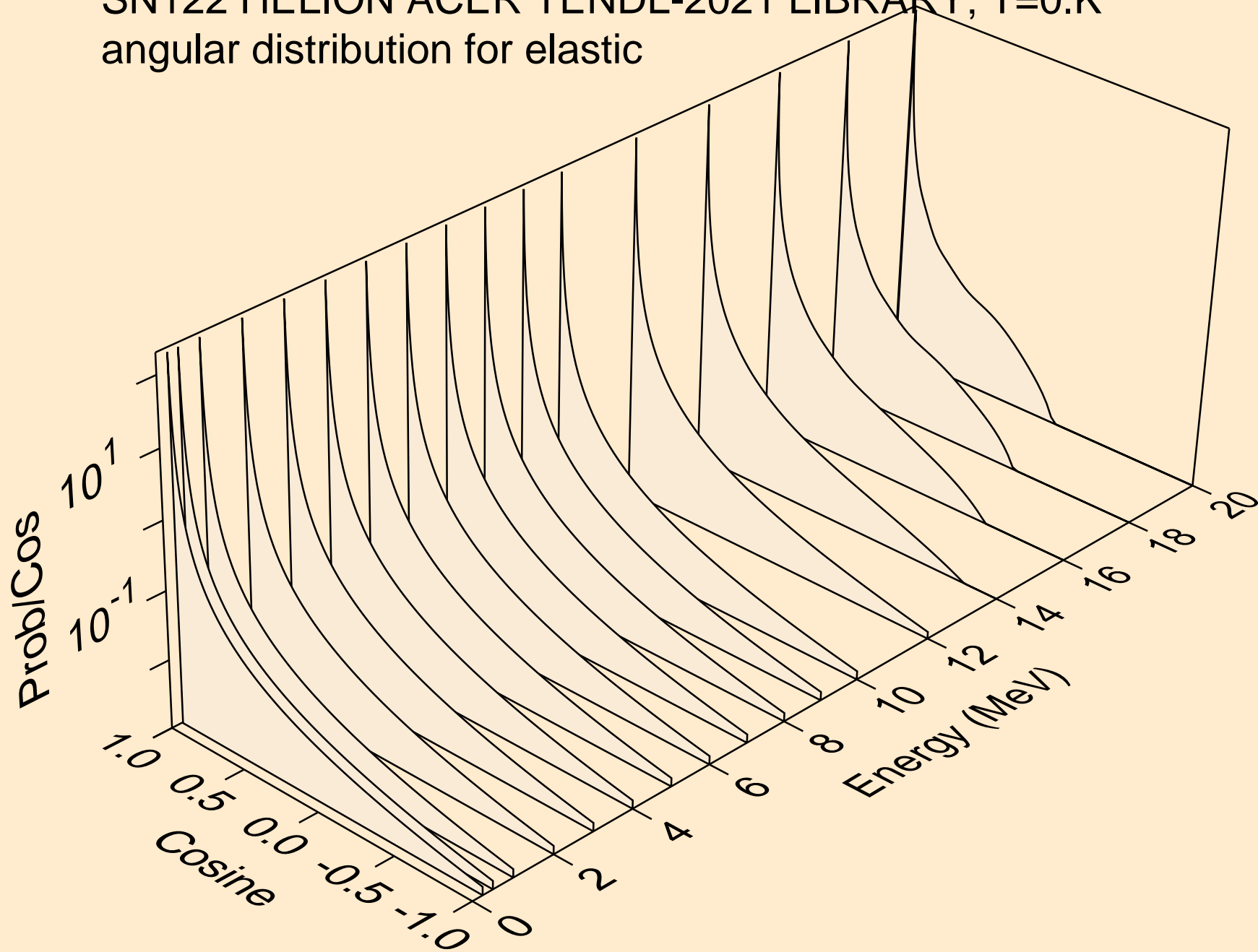
SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



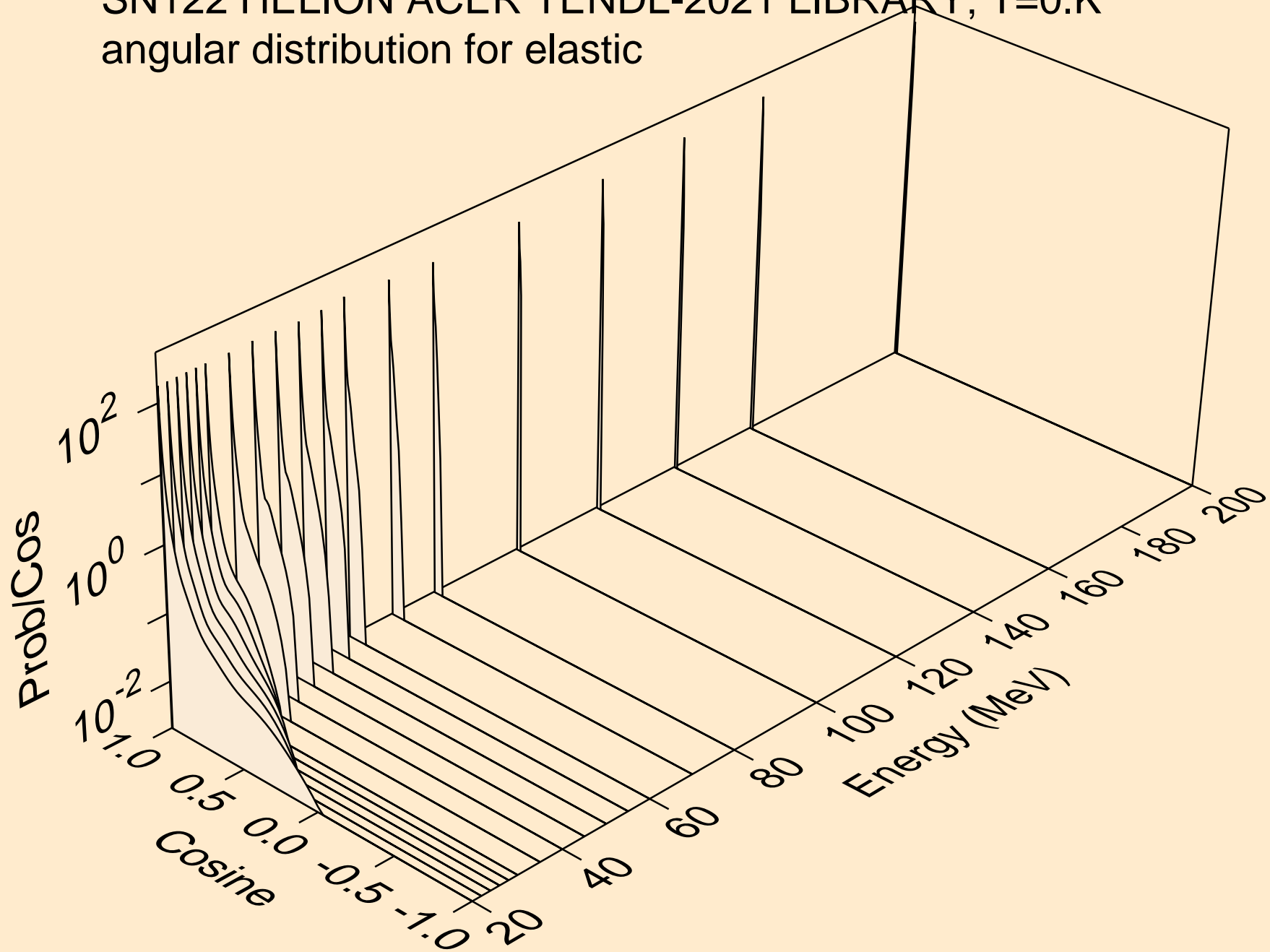
SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



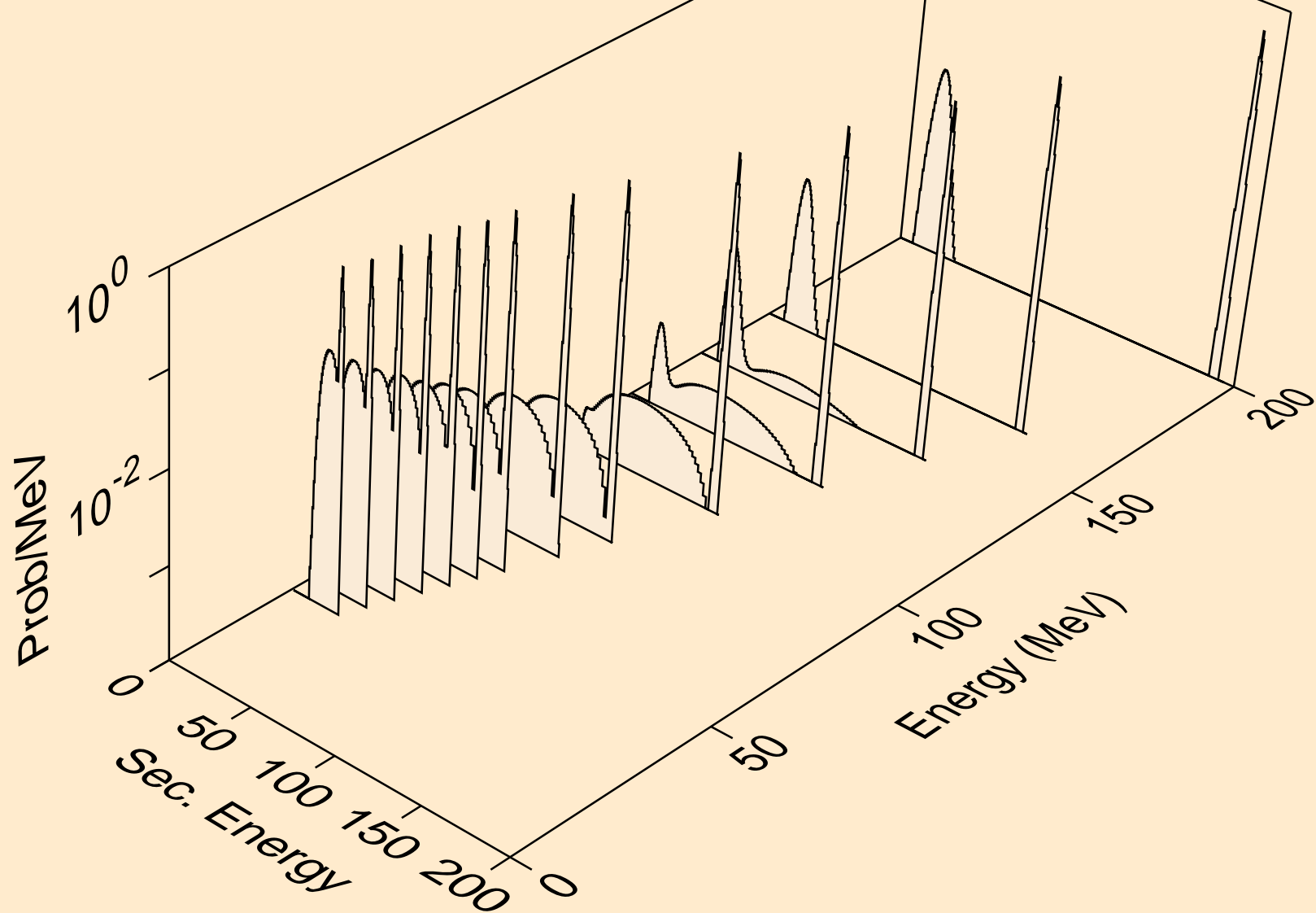
SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



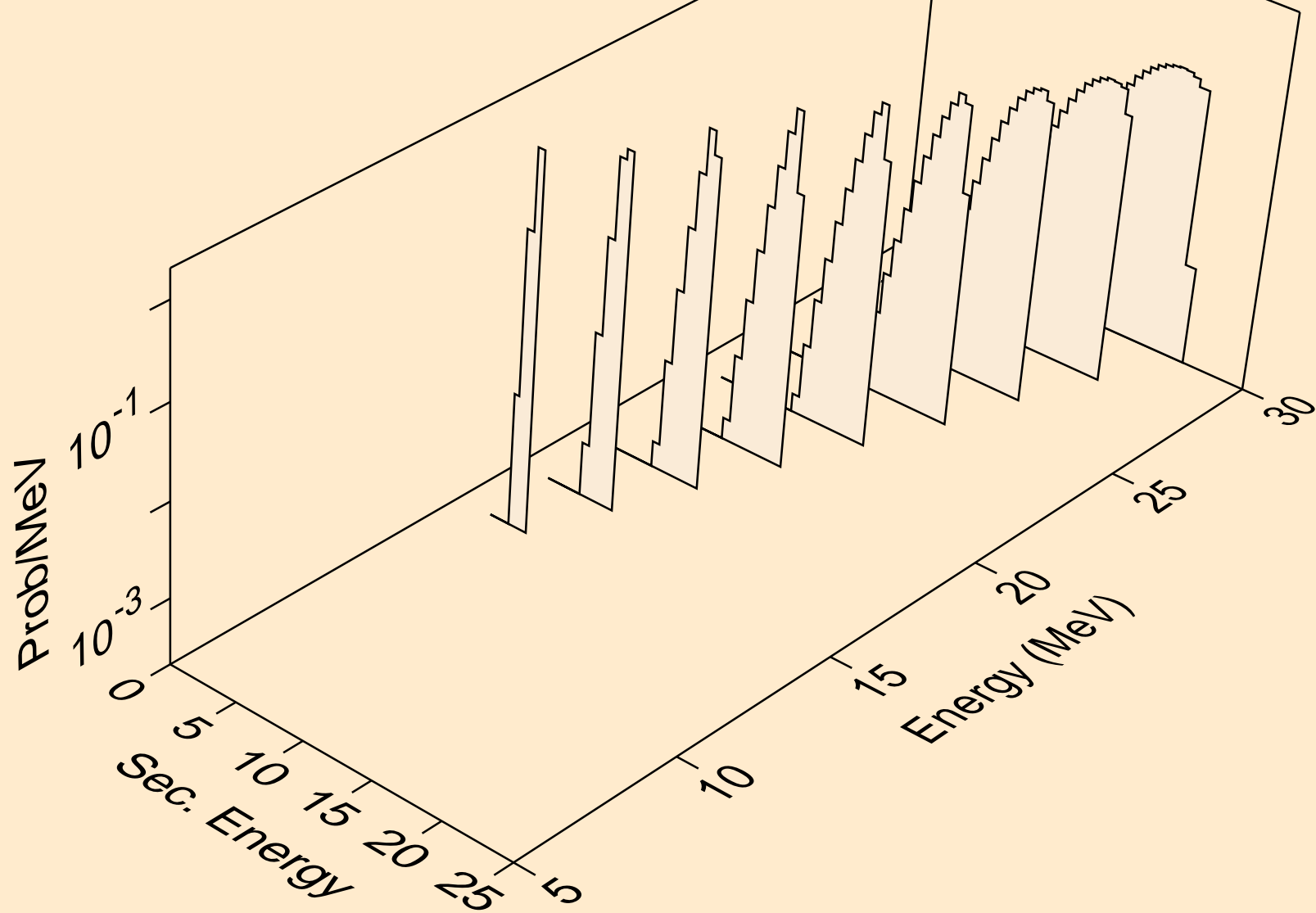
SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,x)

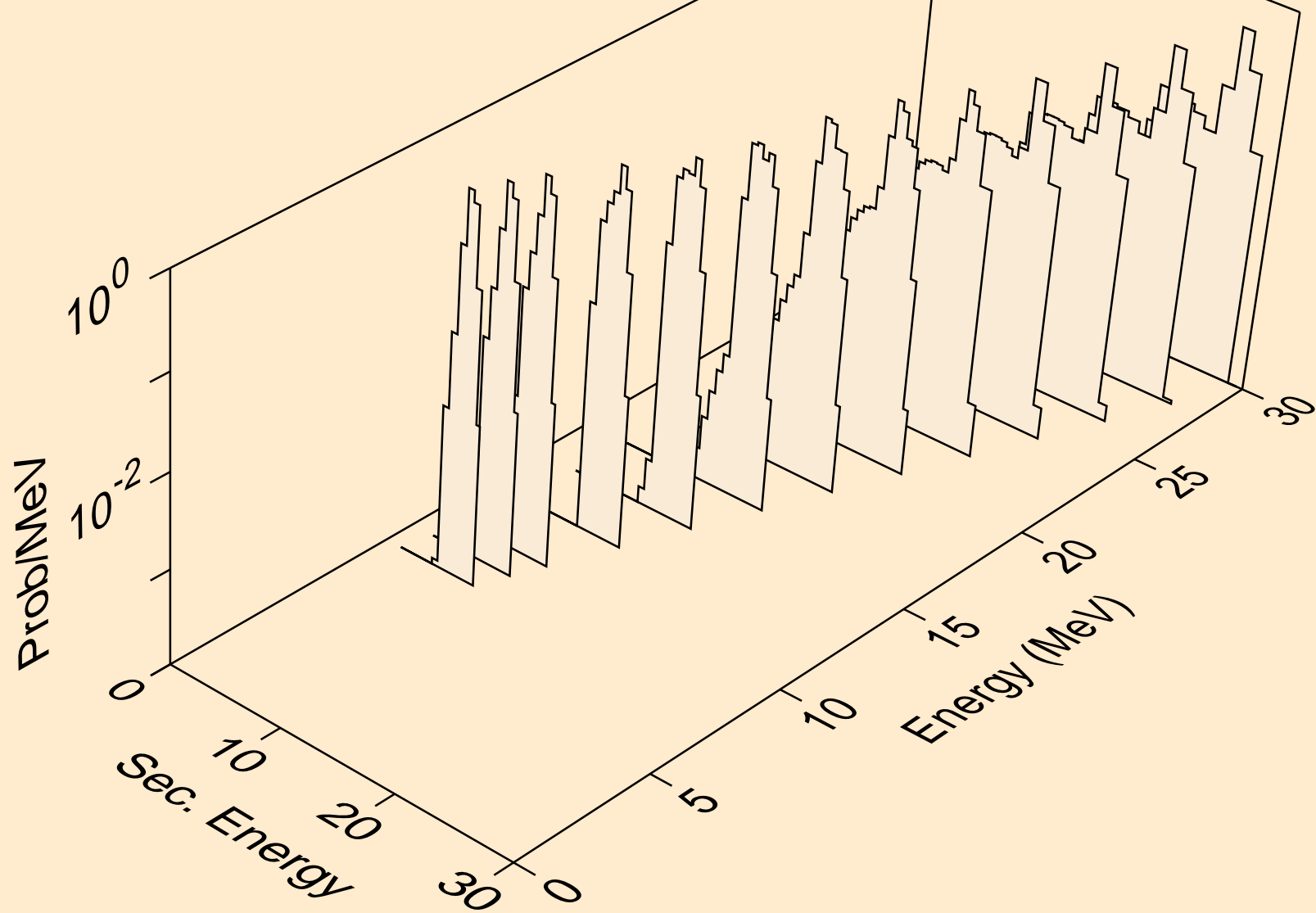


SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

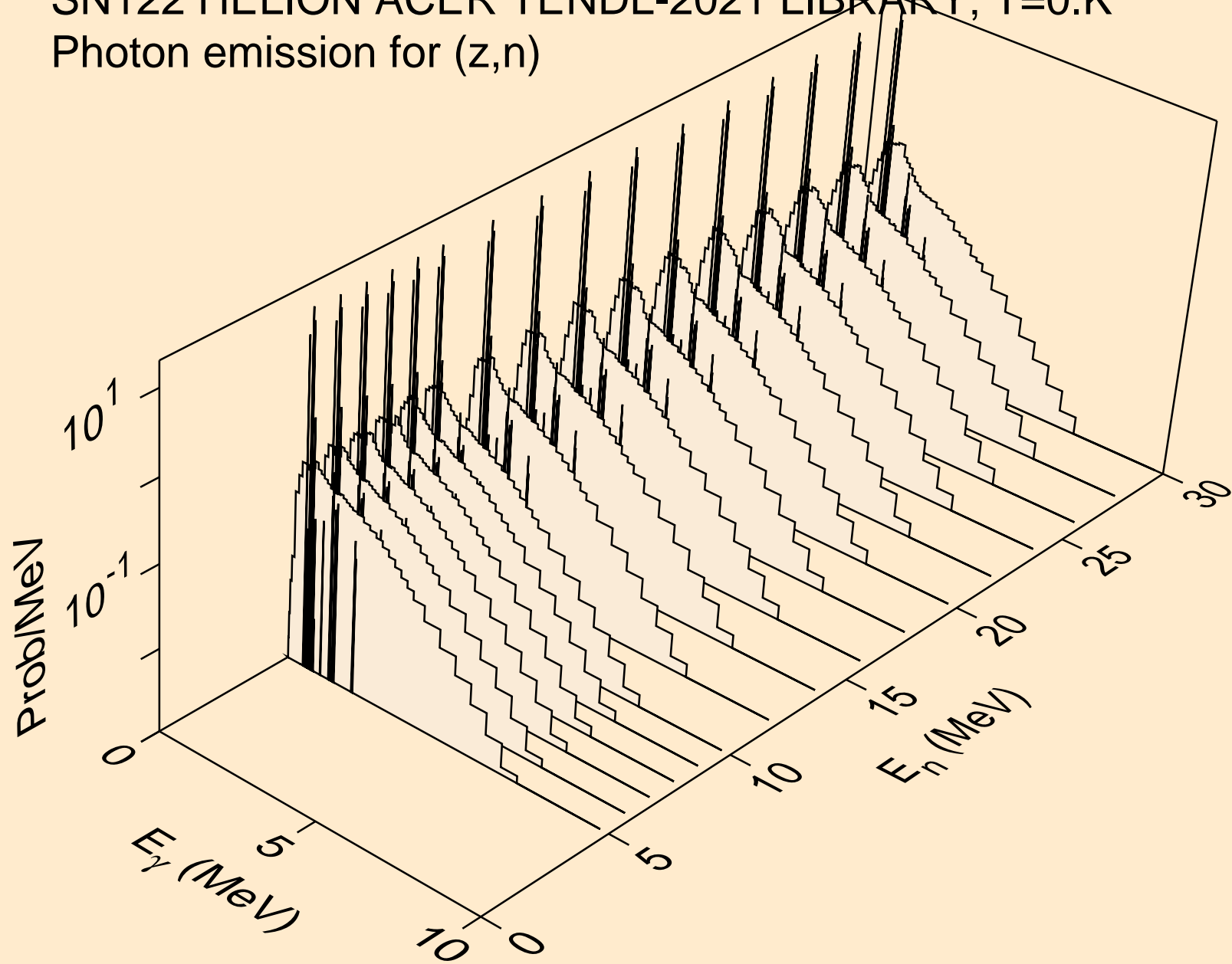




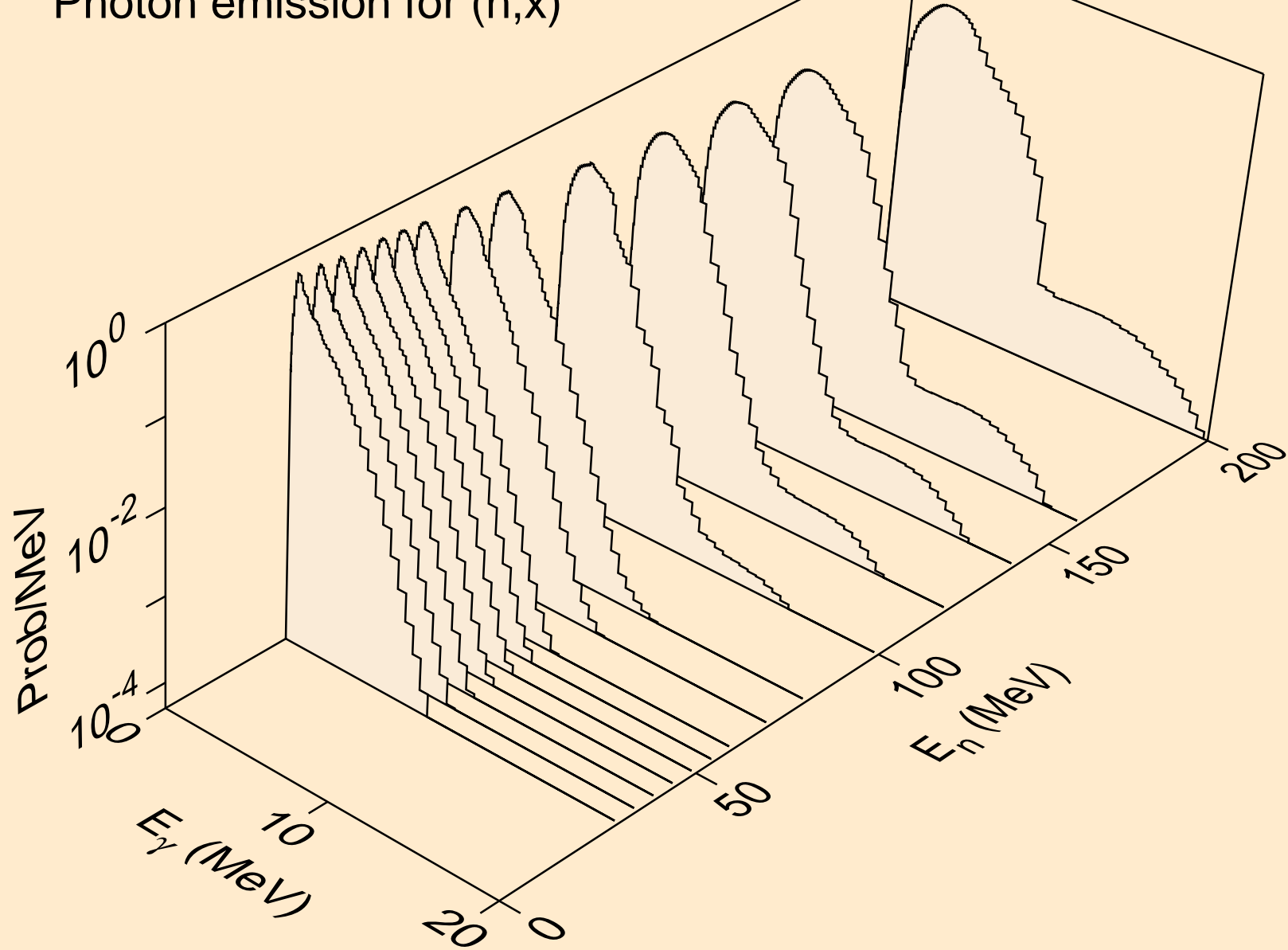
SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for inelastic



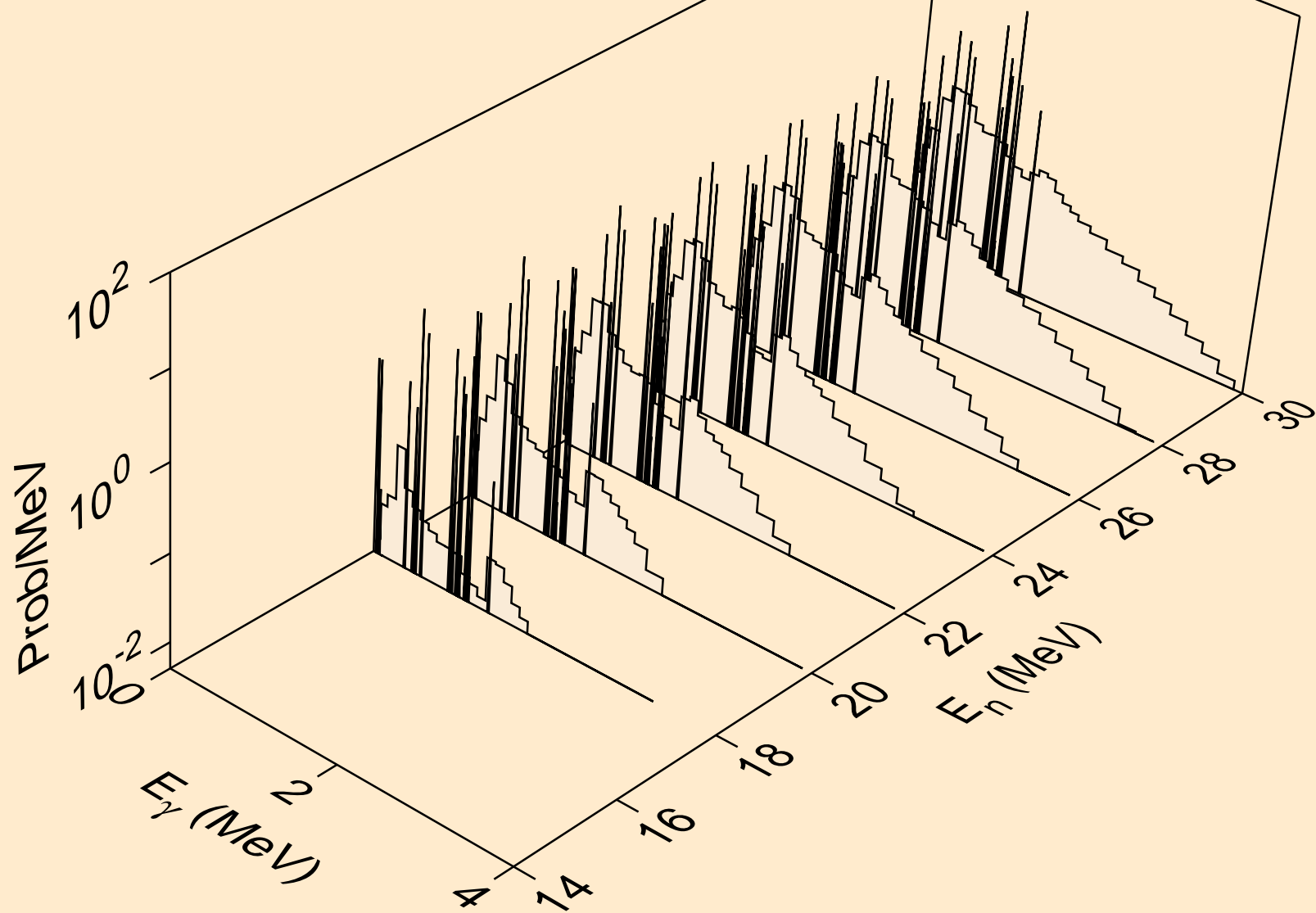
SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



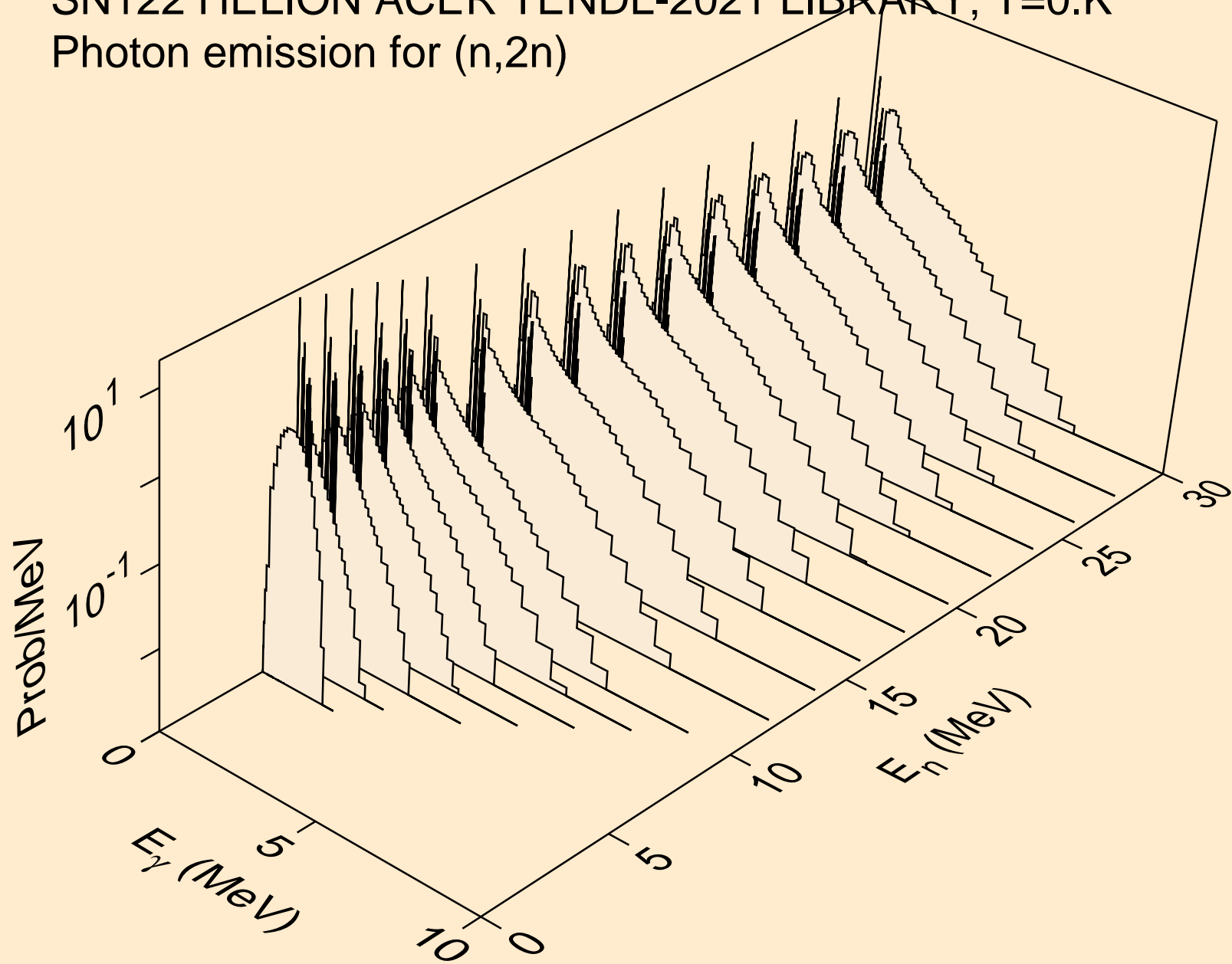
SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



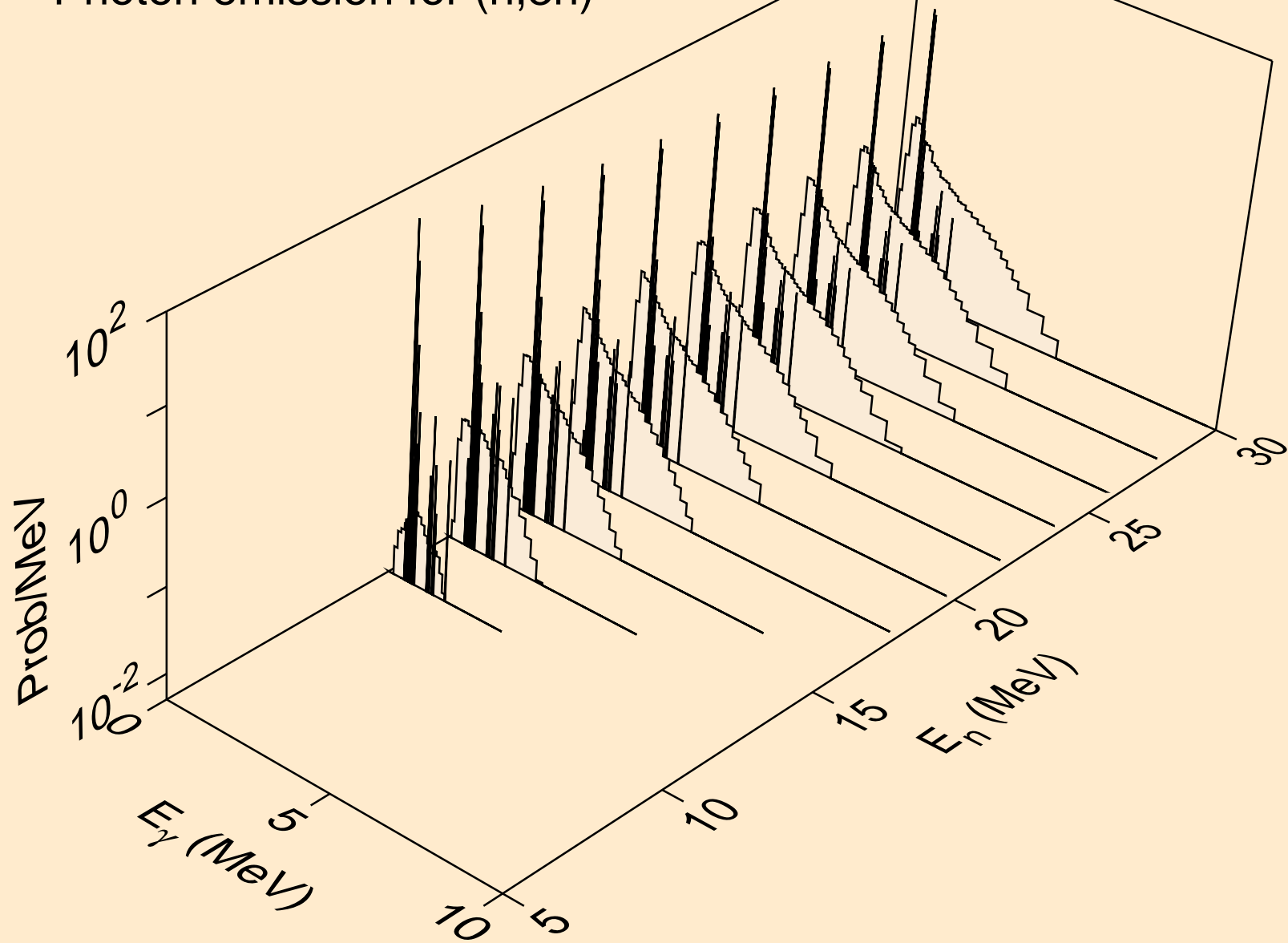
SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)



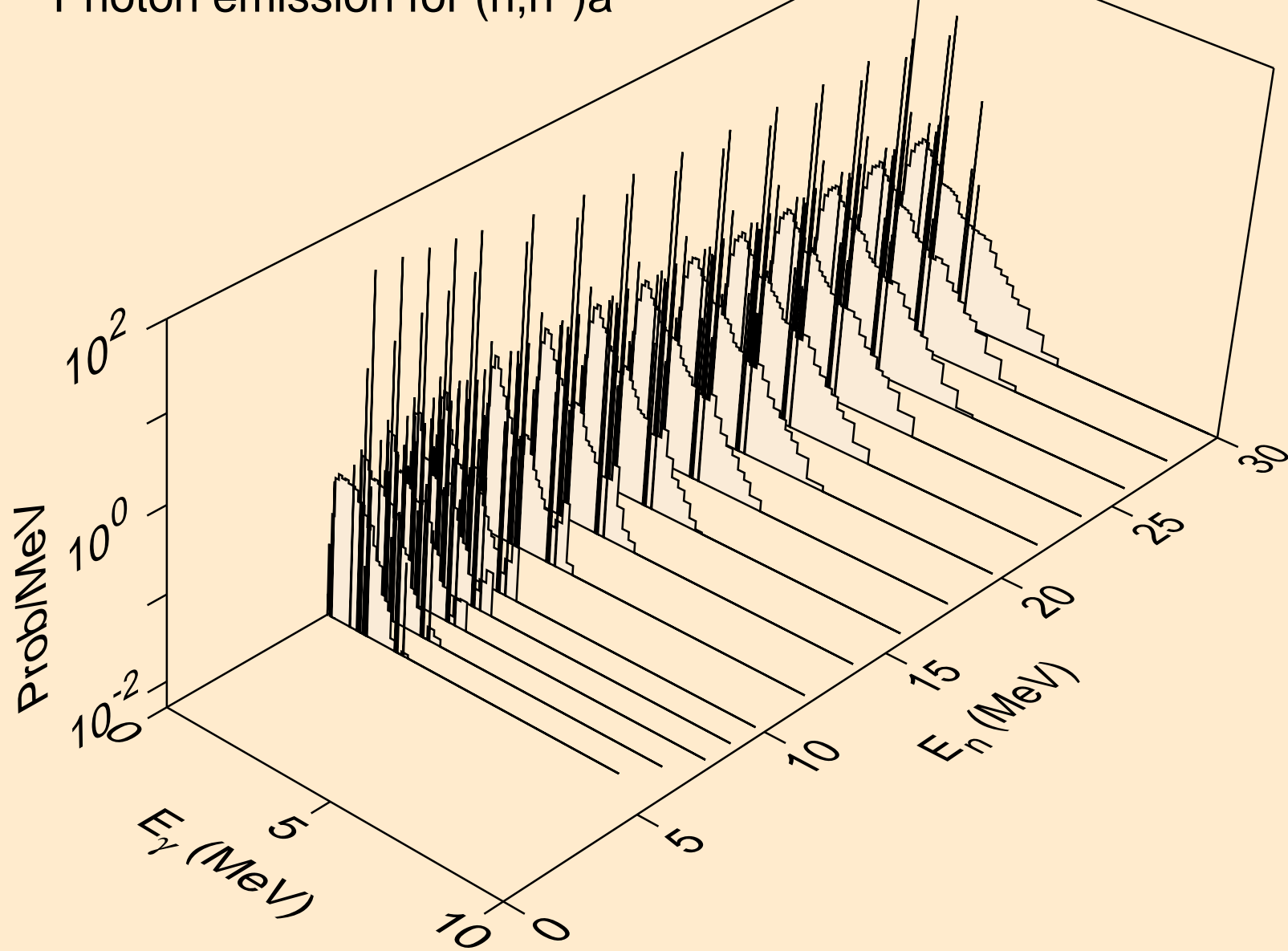
SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



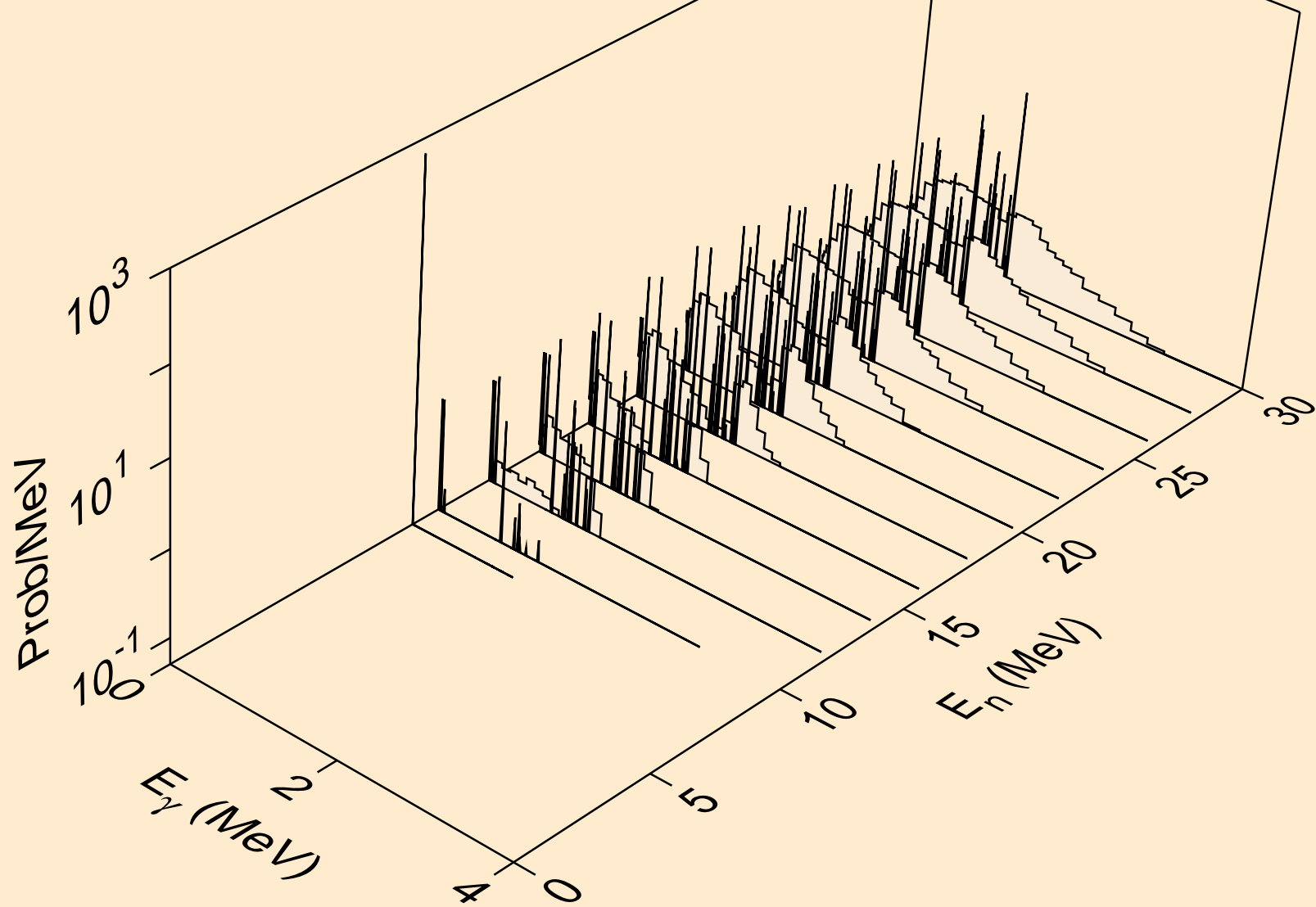
SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

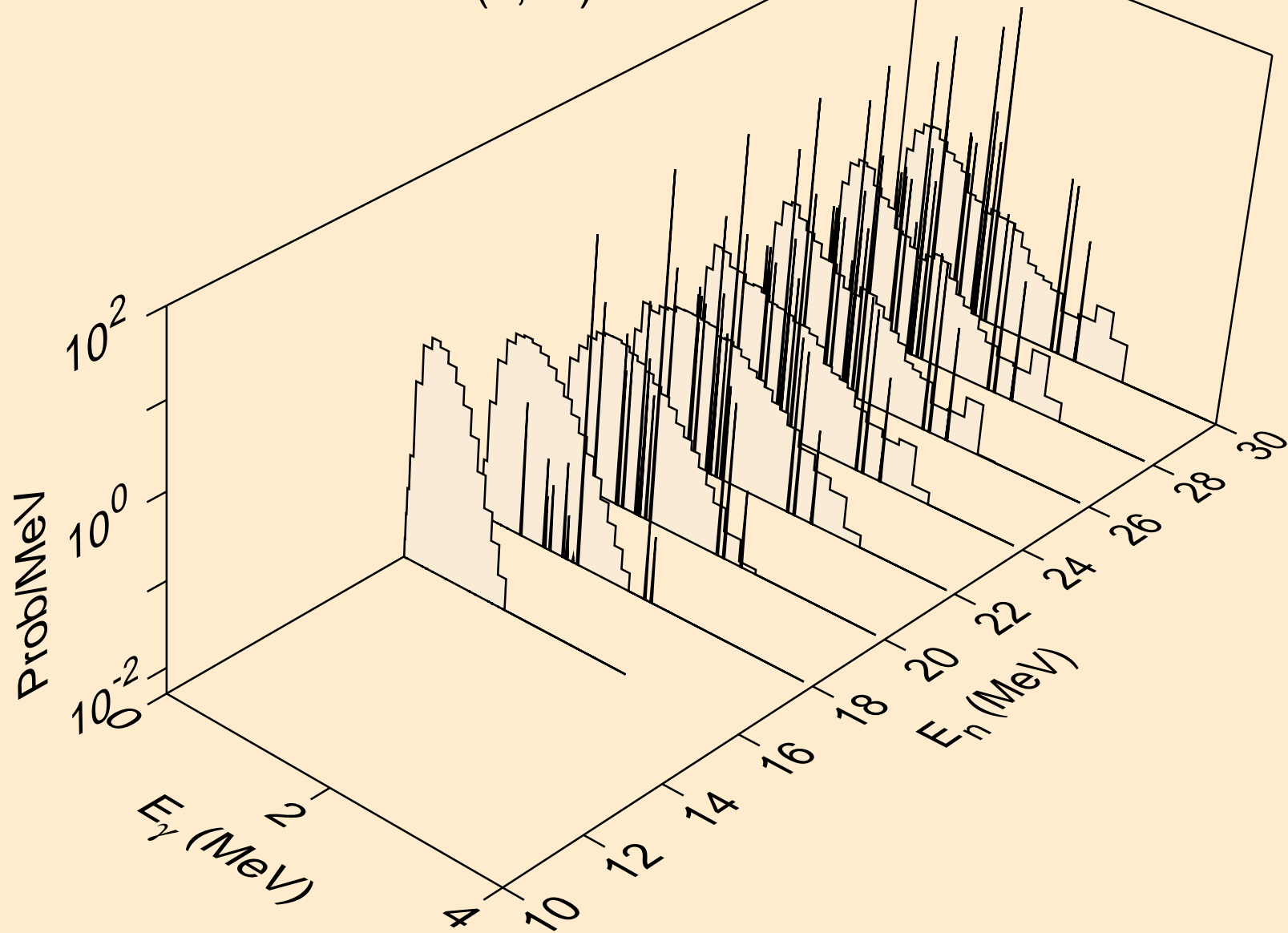


SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a

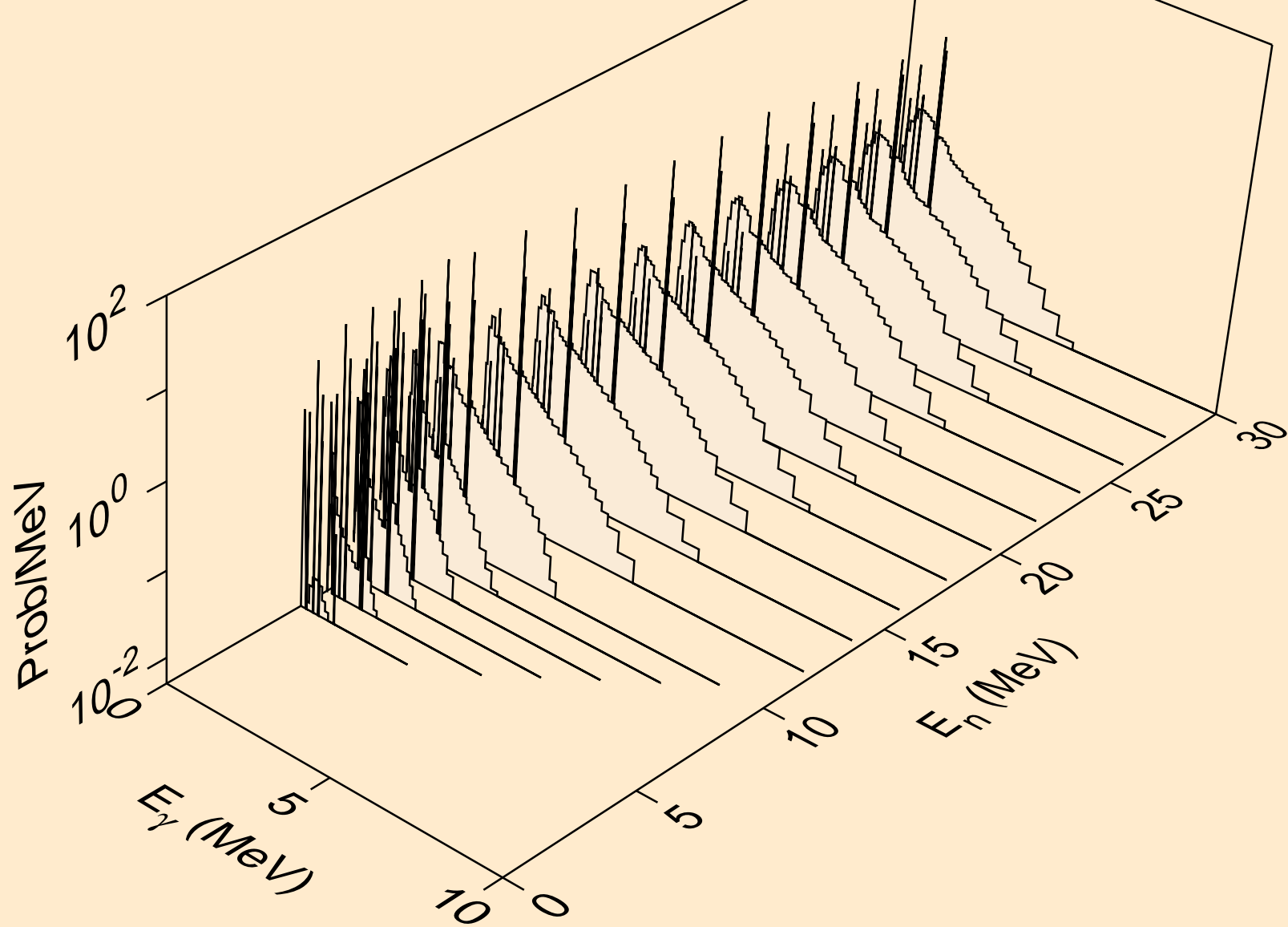




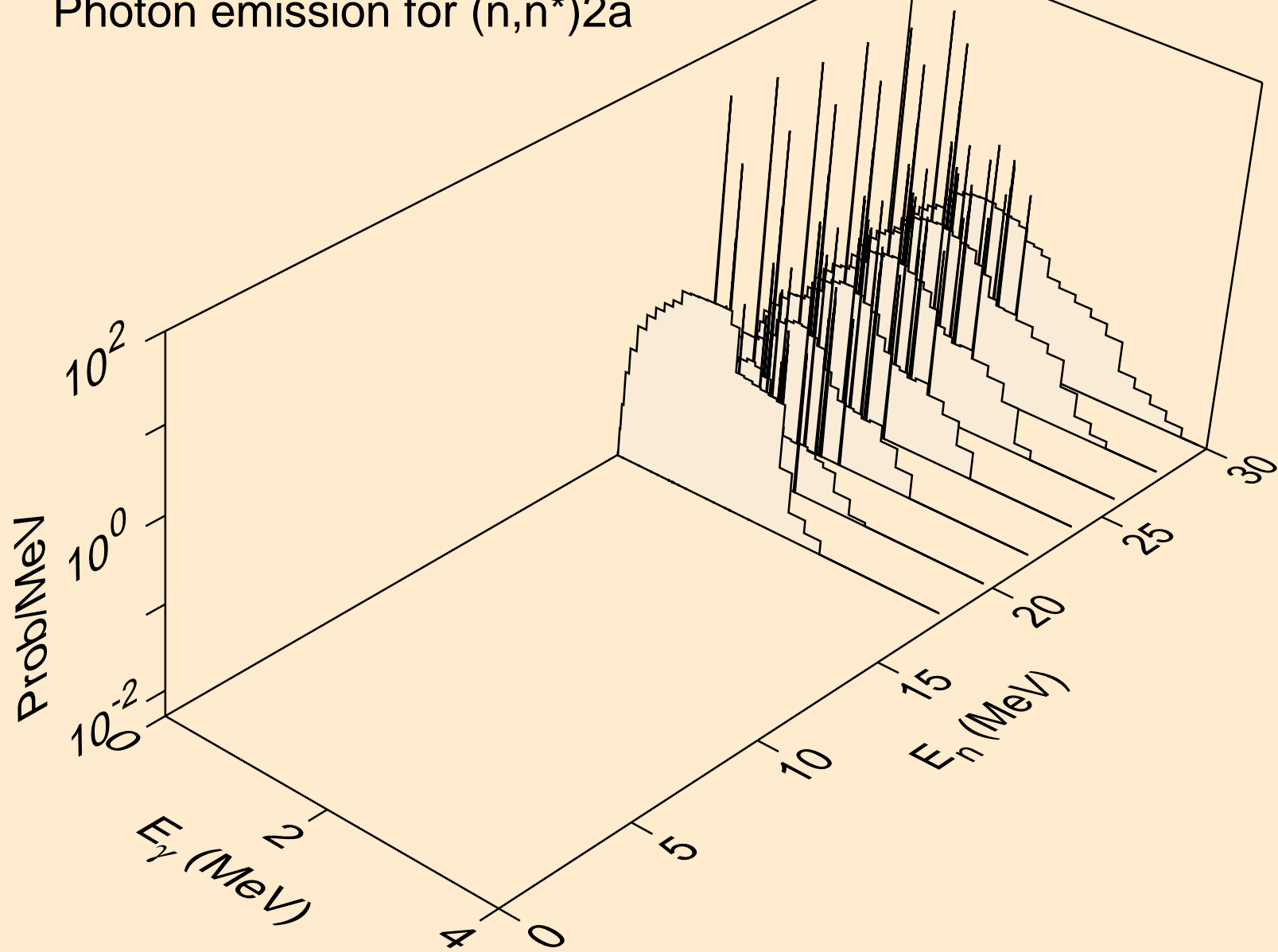
SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)a



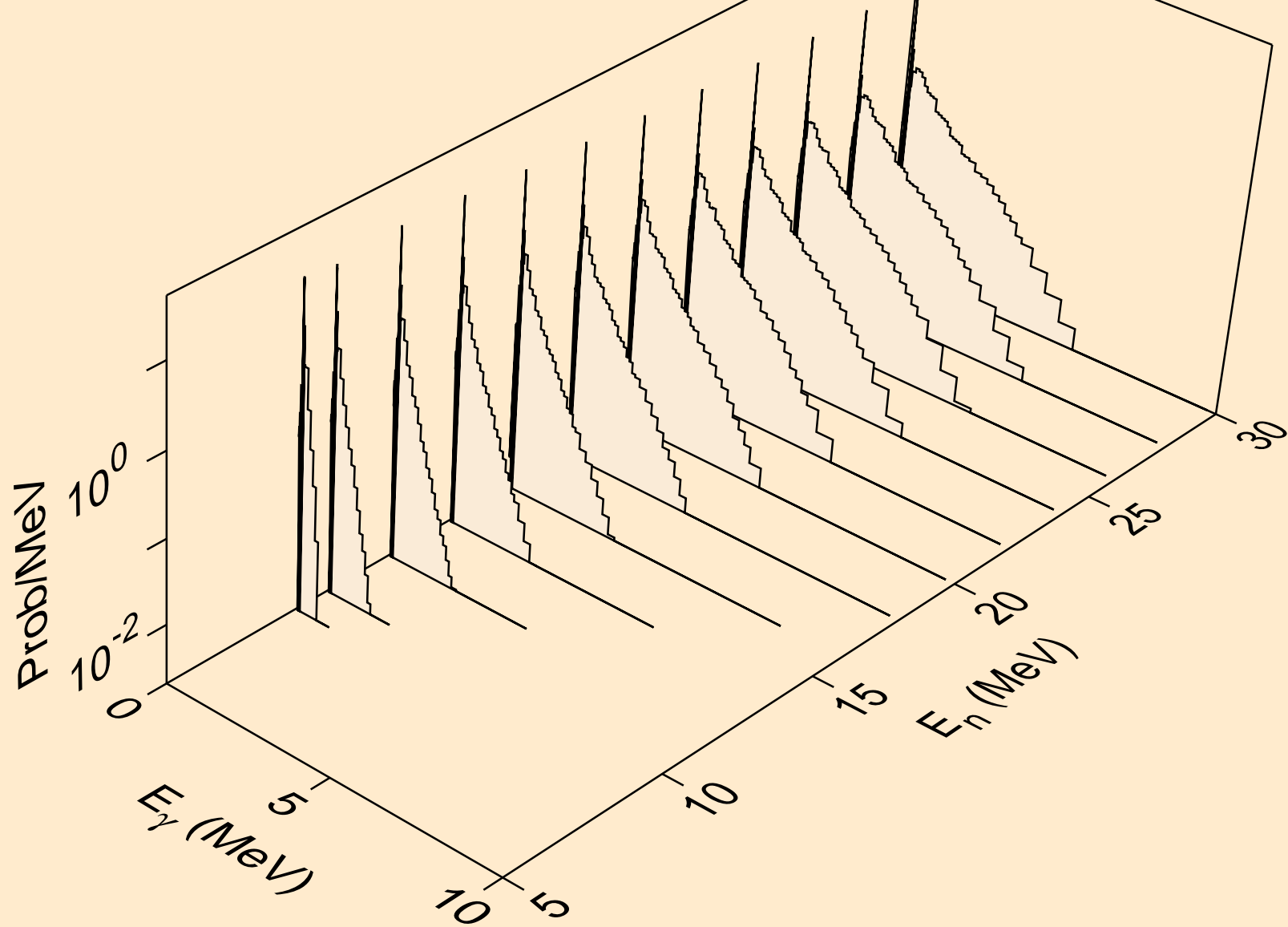
SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



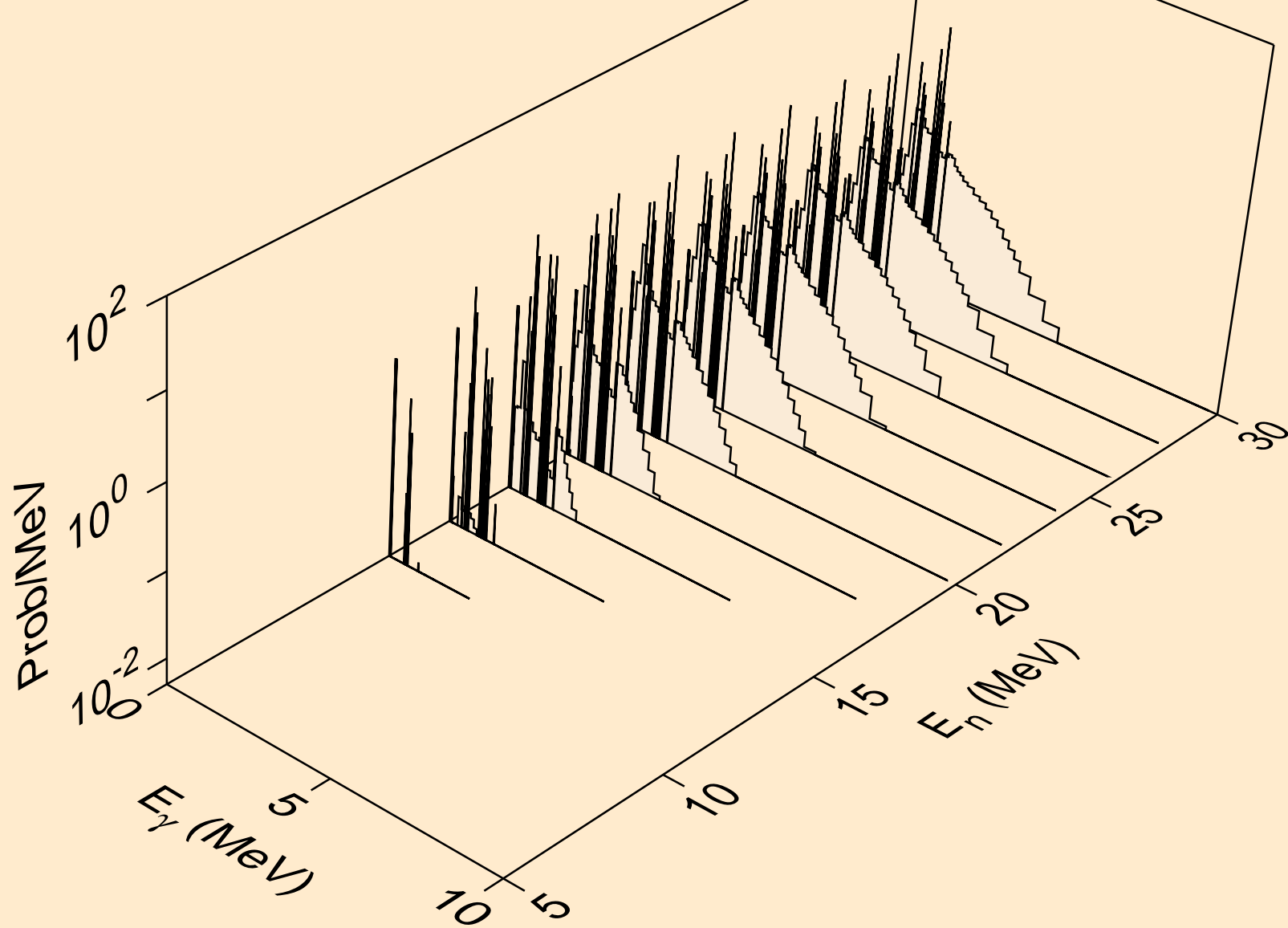
SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



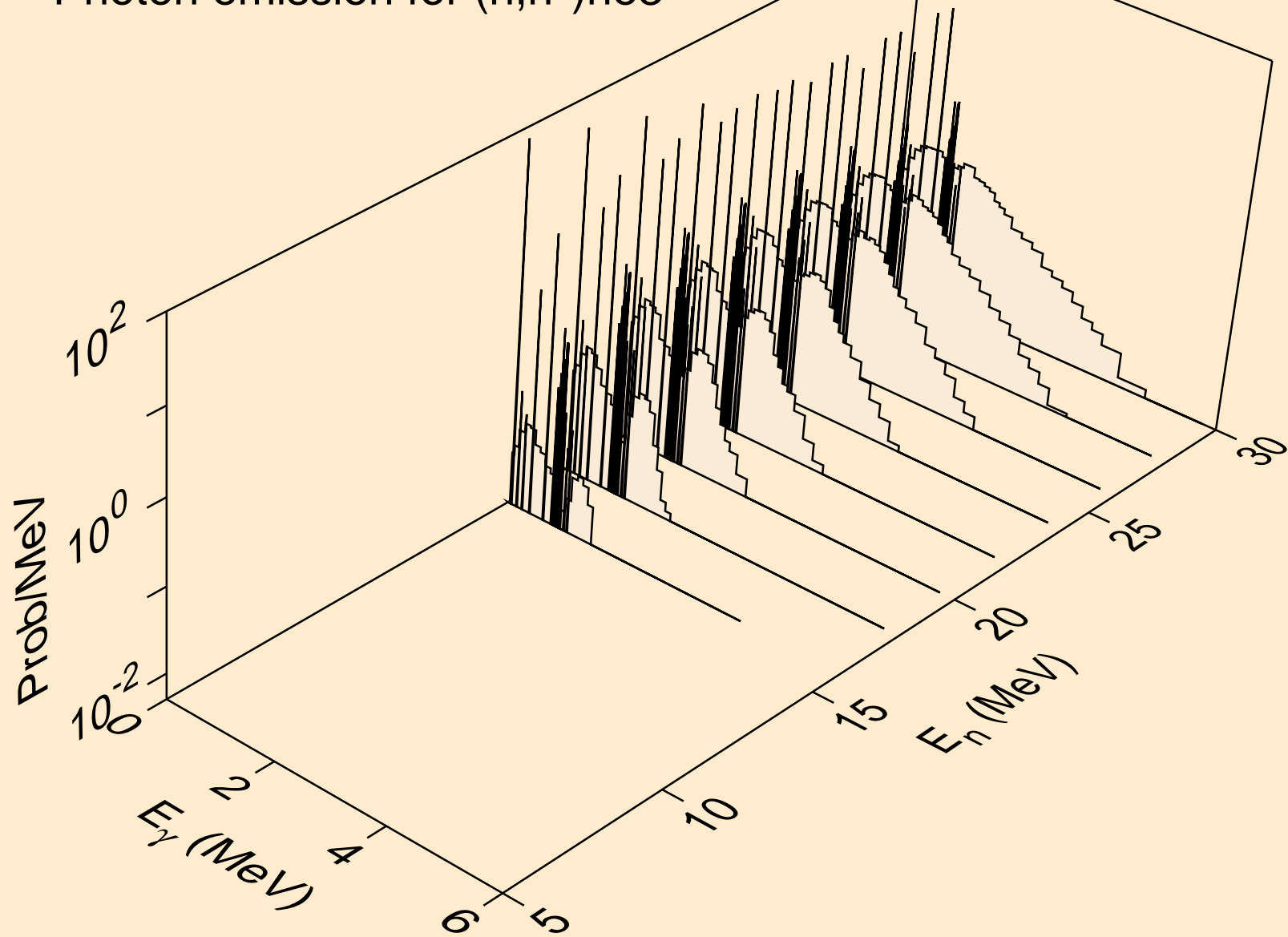
SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



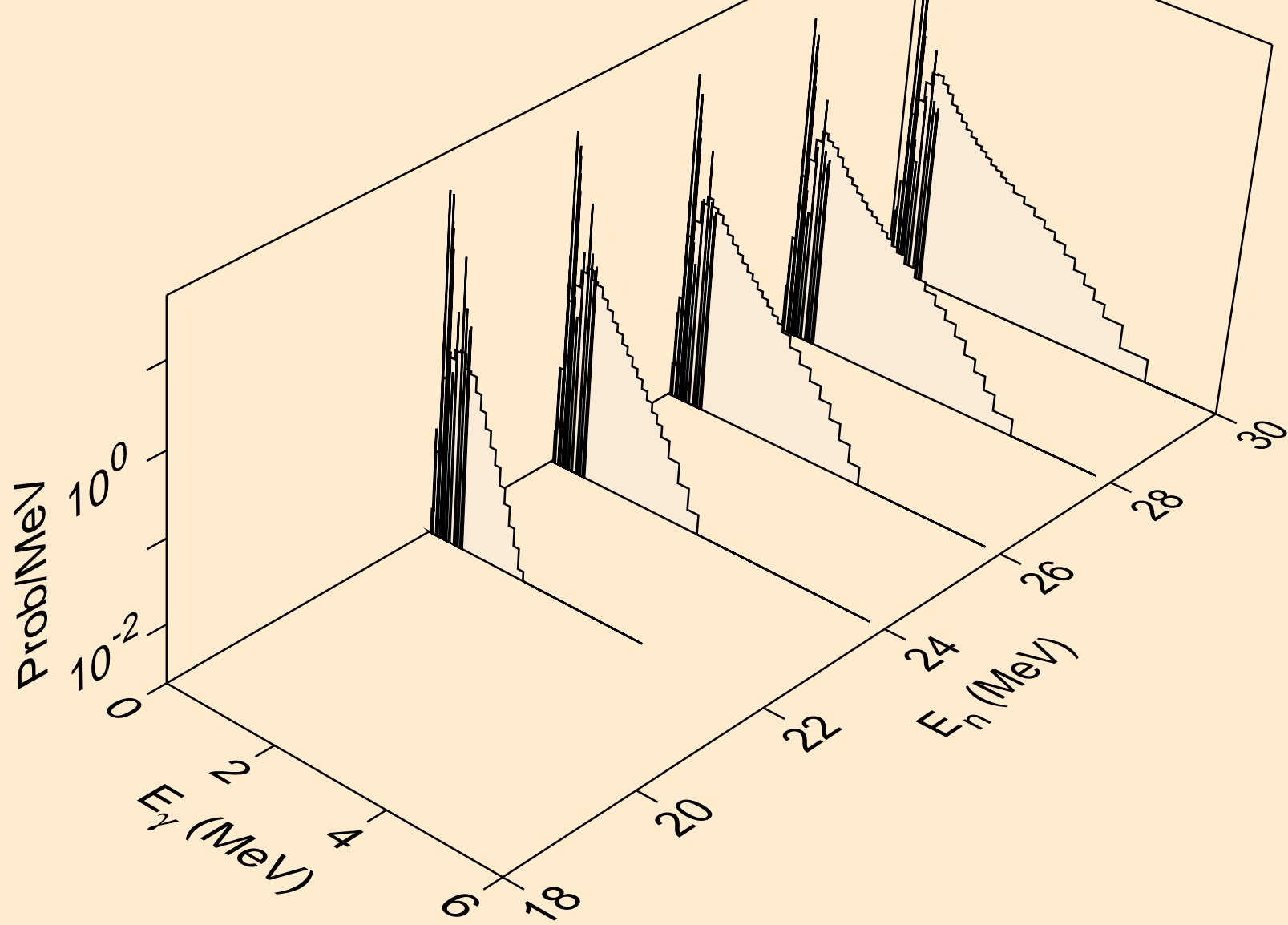
SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



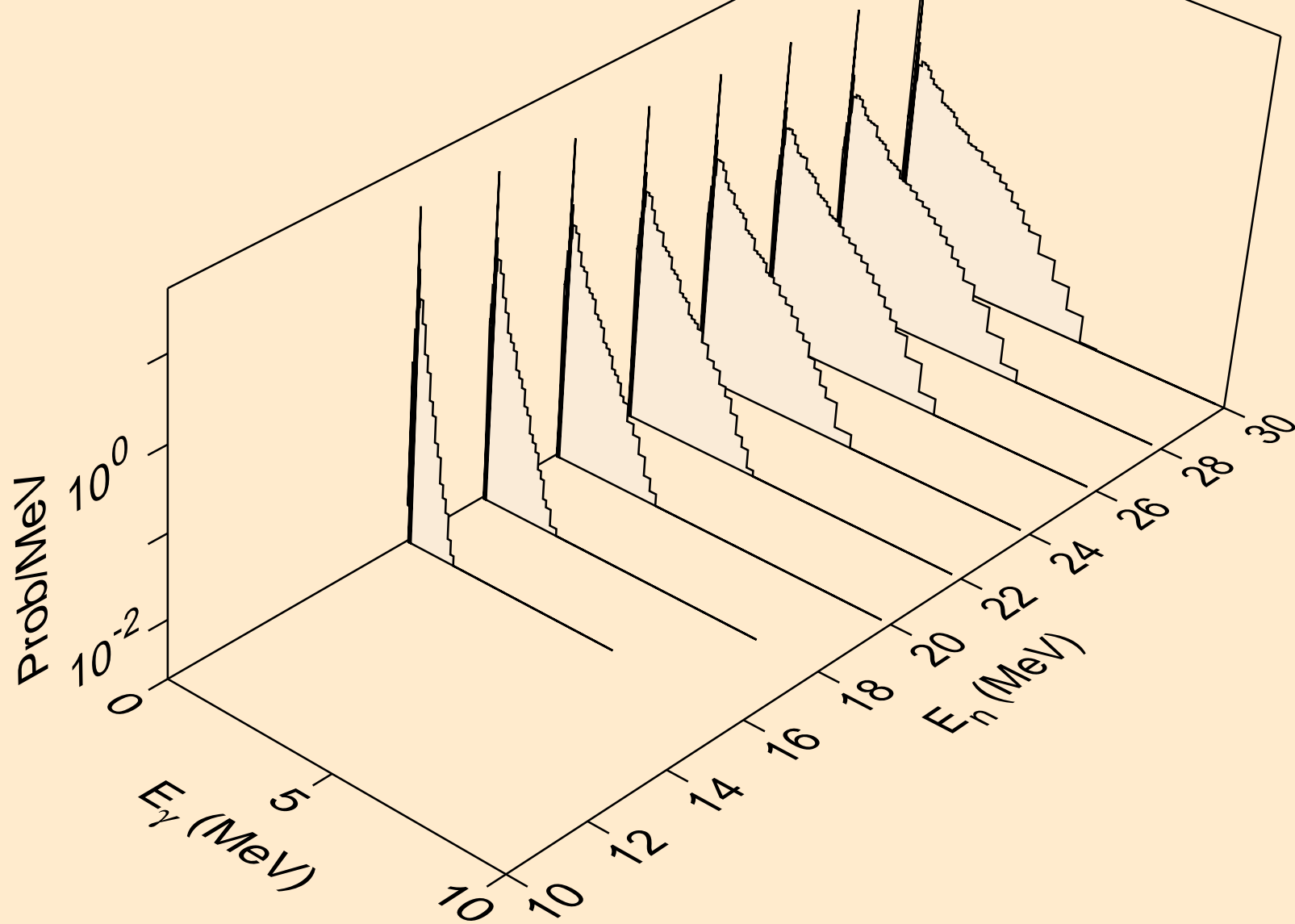
SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,4n)

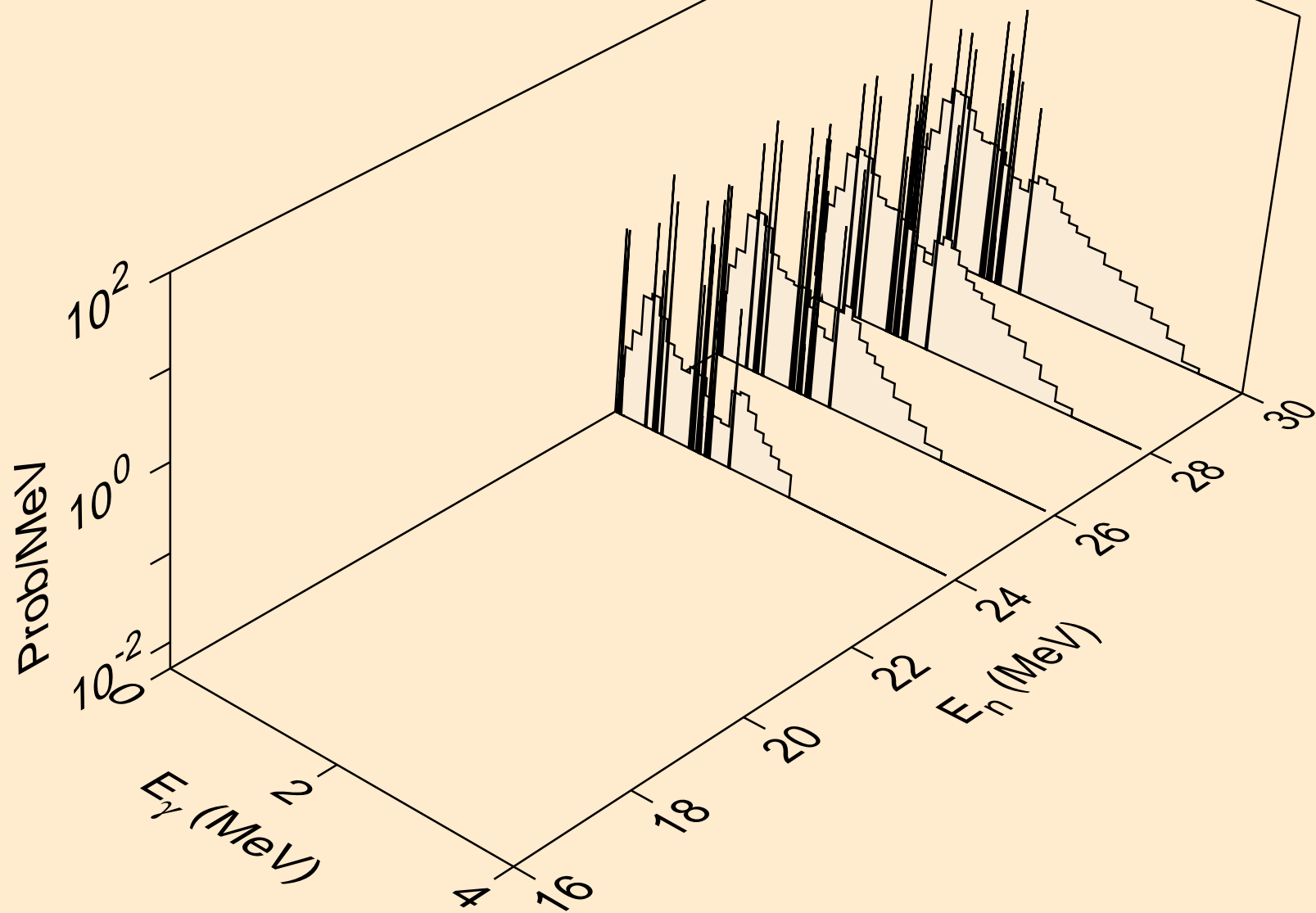


SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)

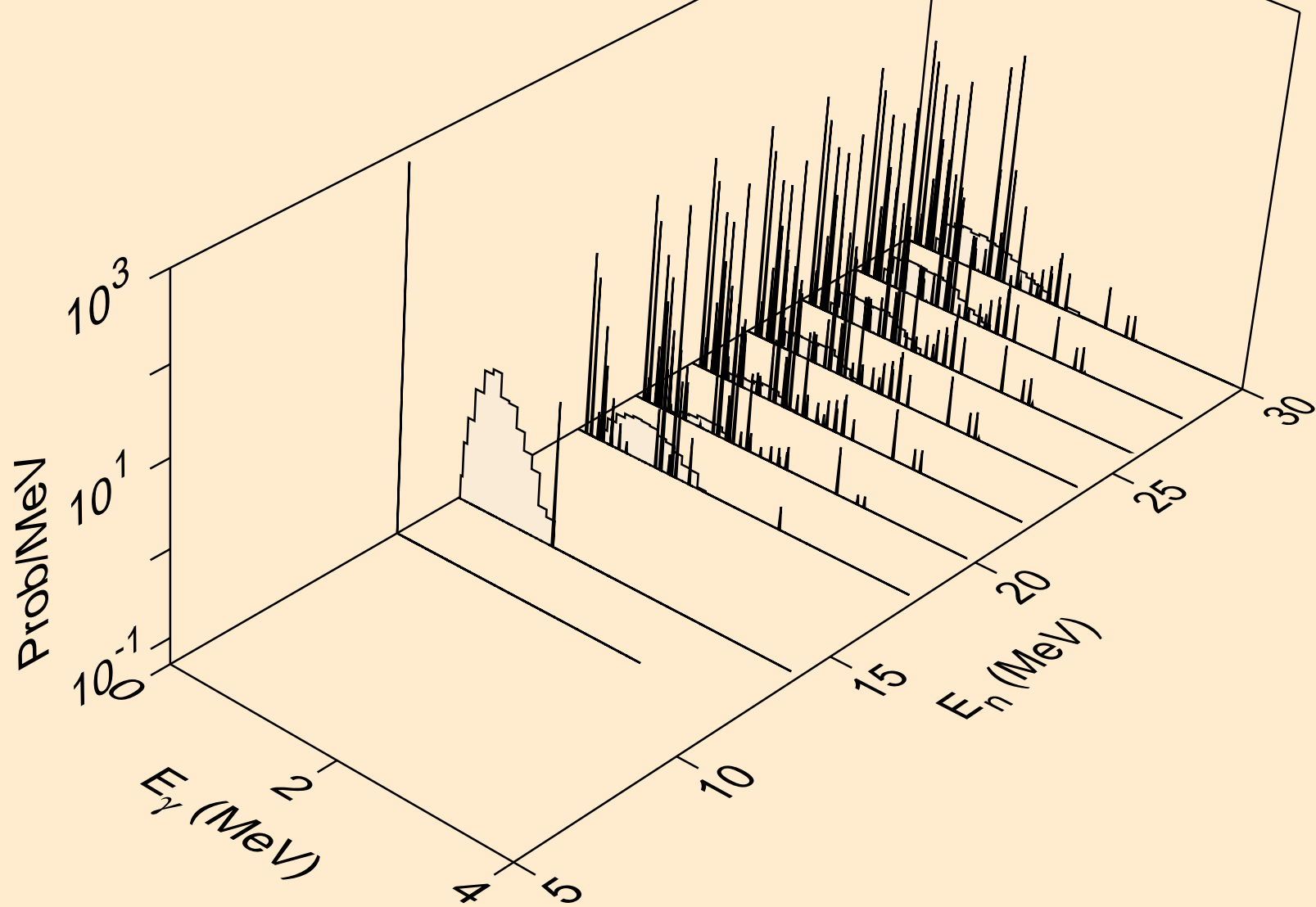




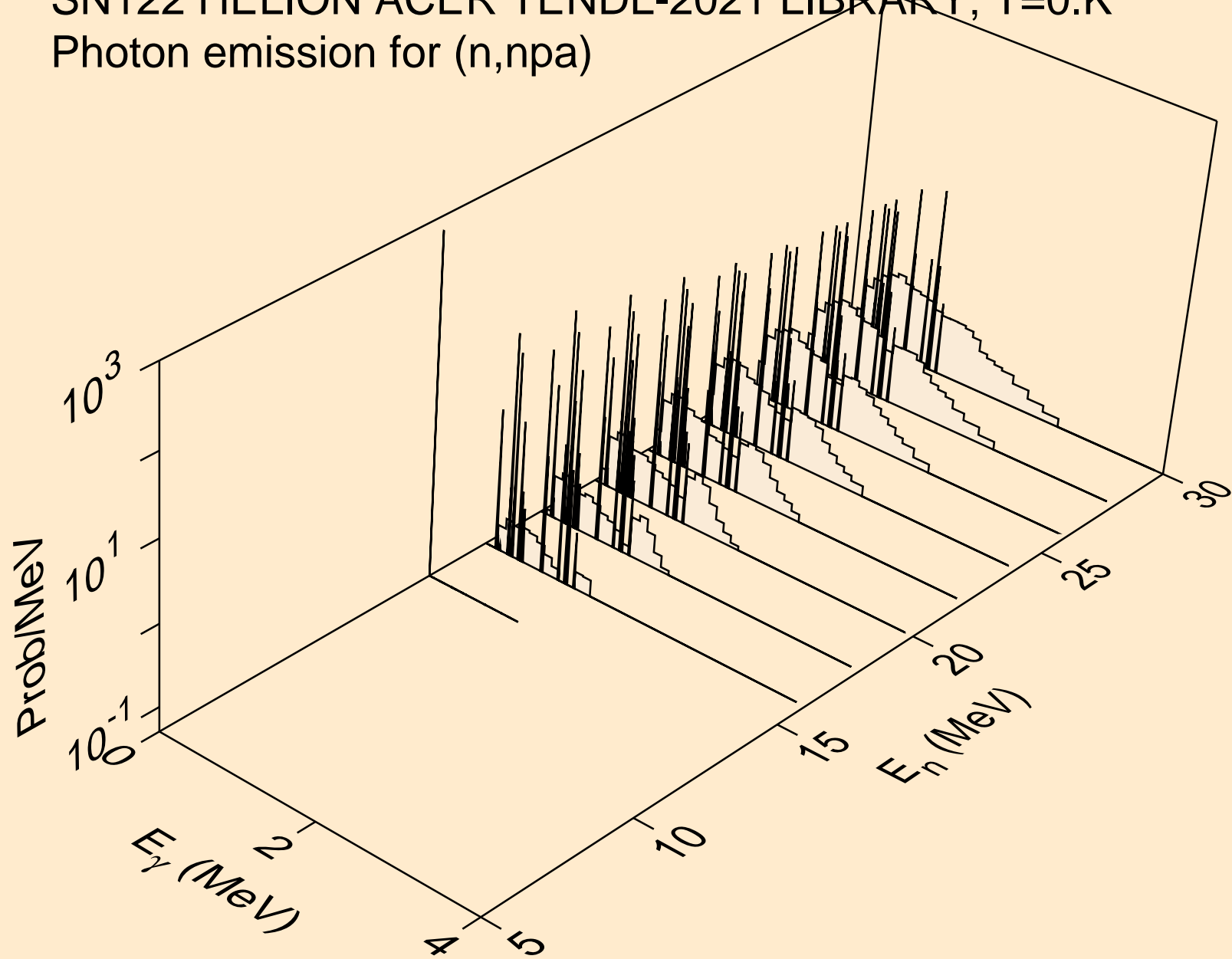
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Photon emission for (n,3np)



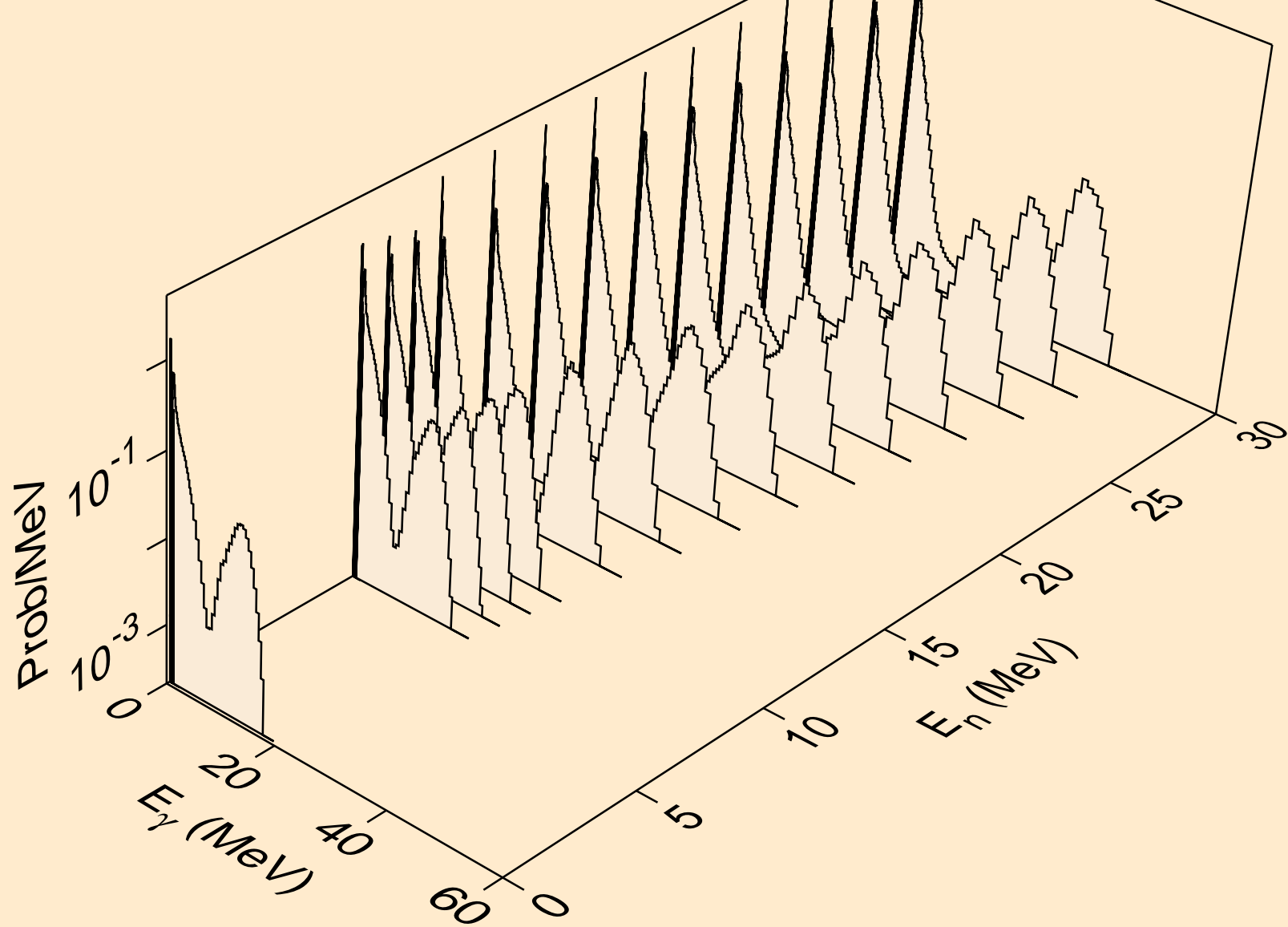
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Photon emission for (n,2np)



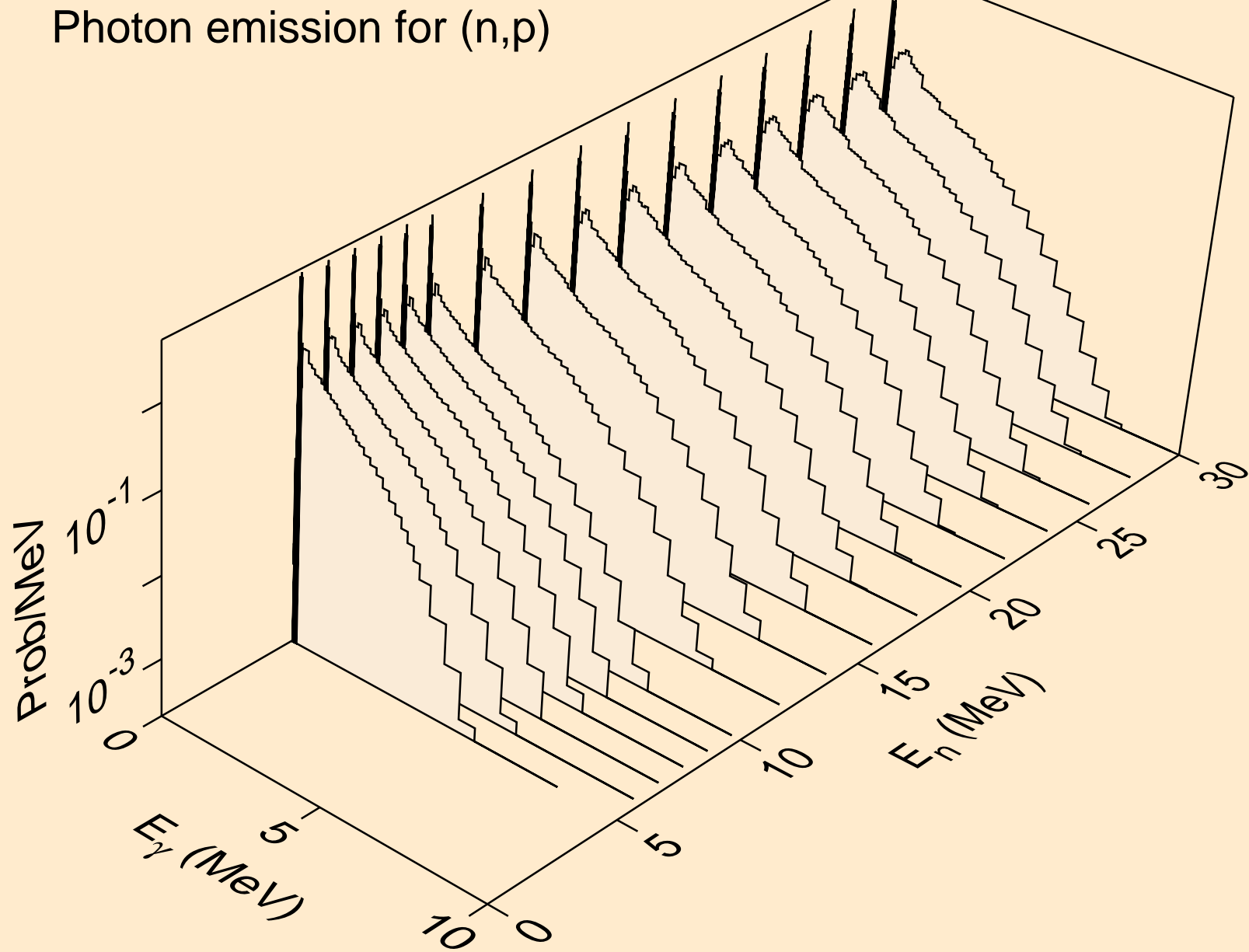
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Photon emission for (n,npa)



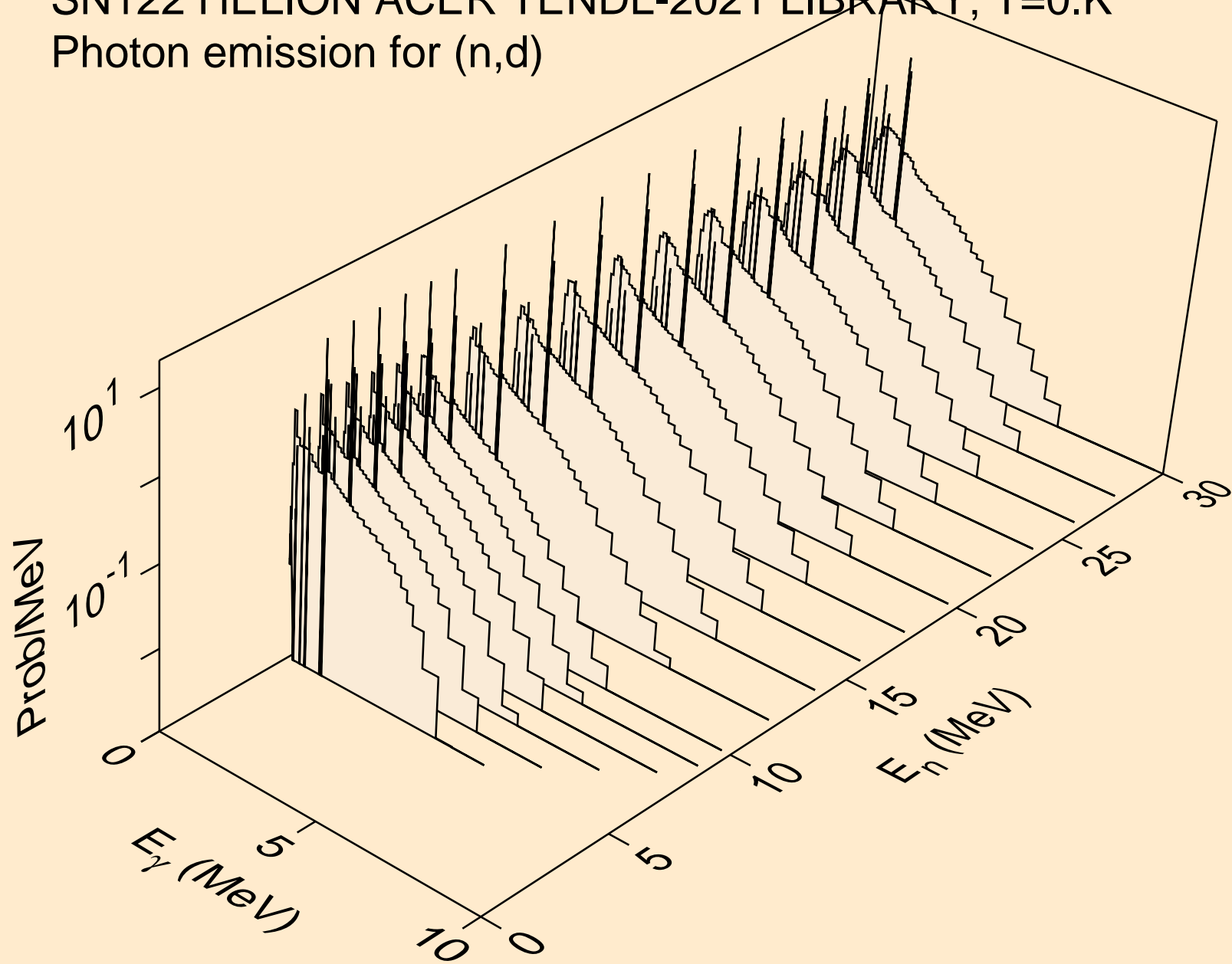
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Photon emission for (n,gma)



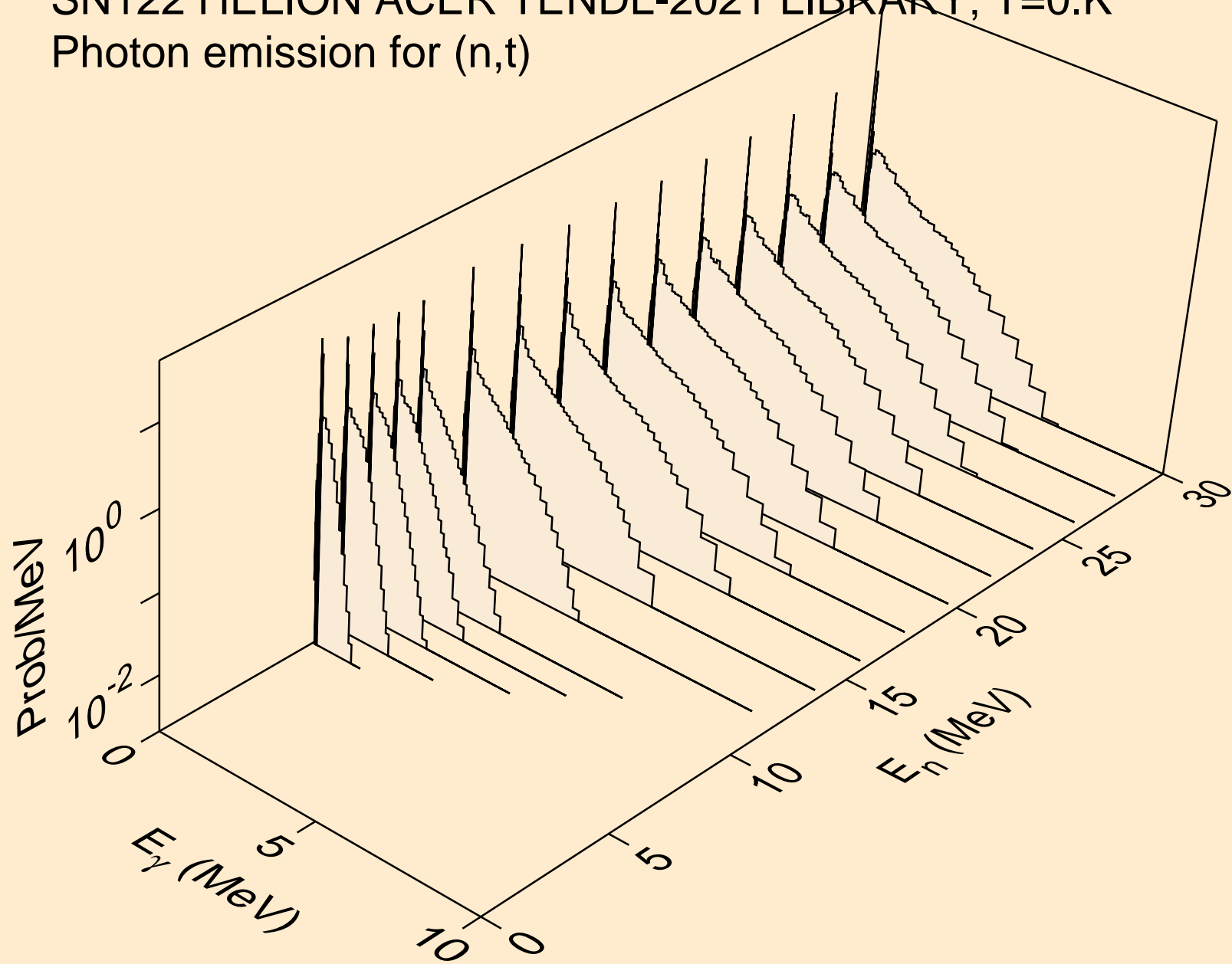
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Photon emission for (n,p)



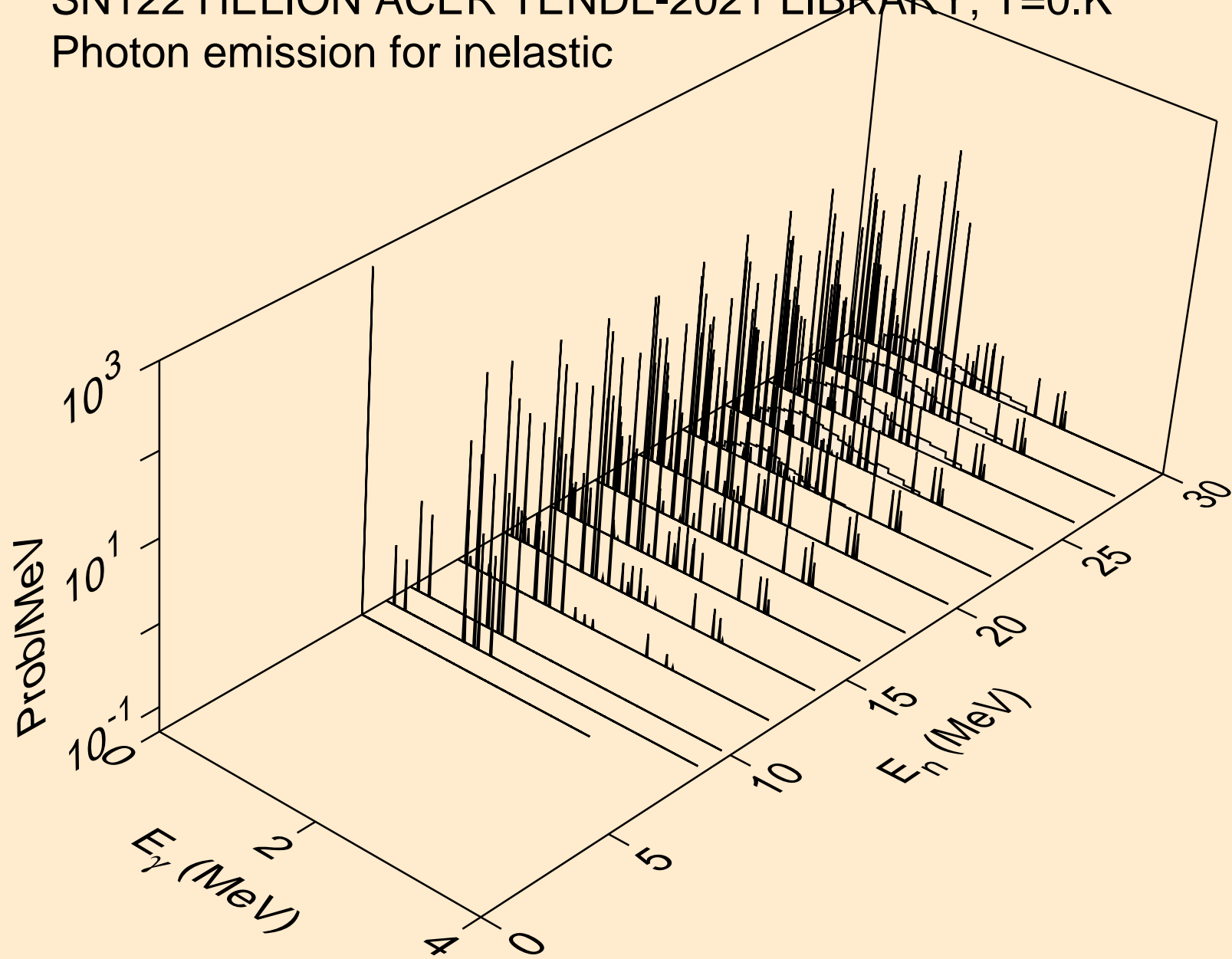
SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)



SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)

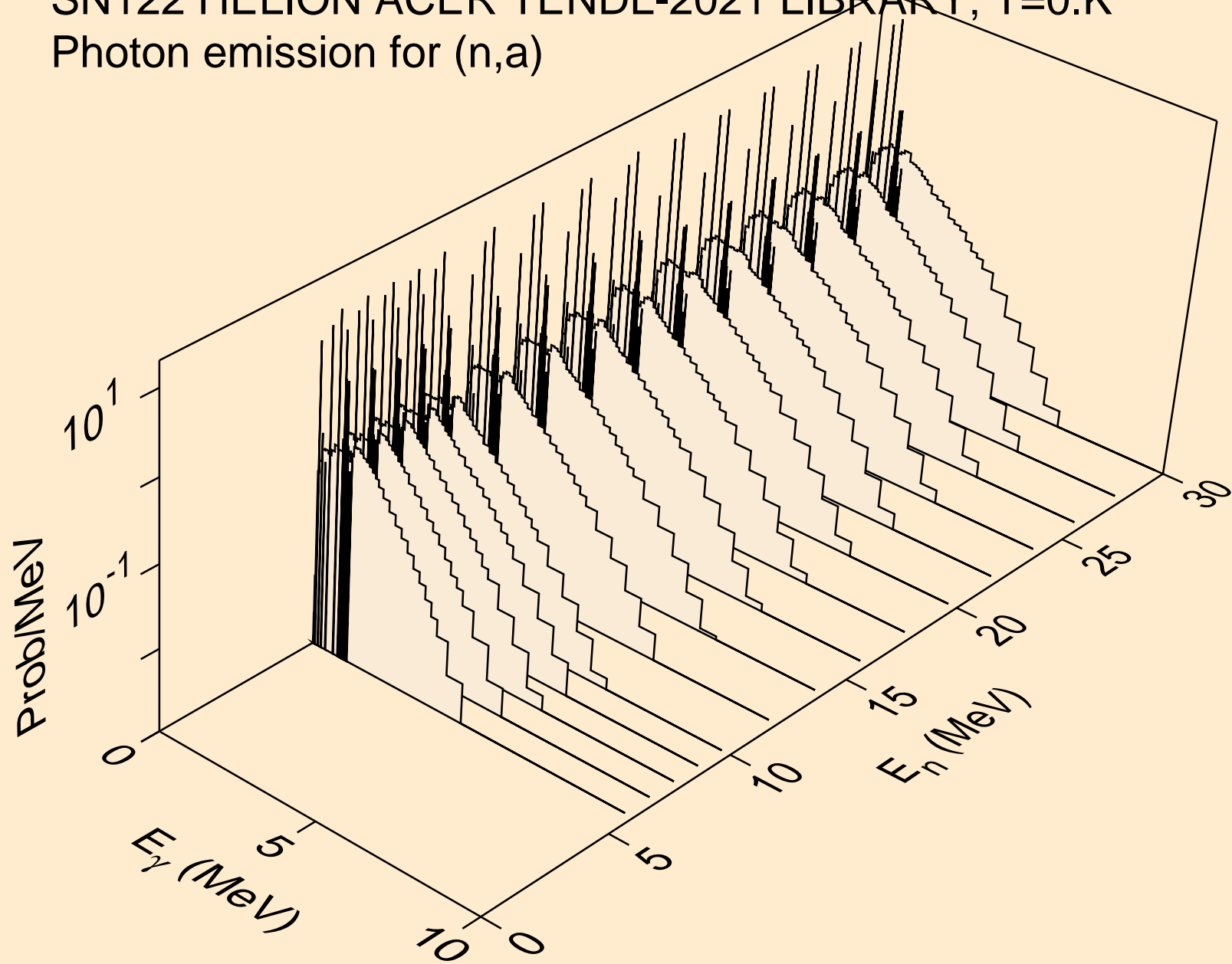


SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic

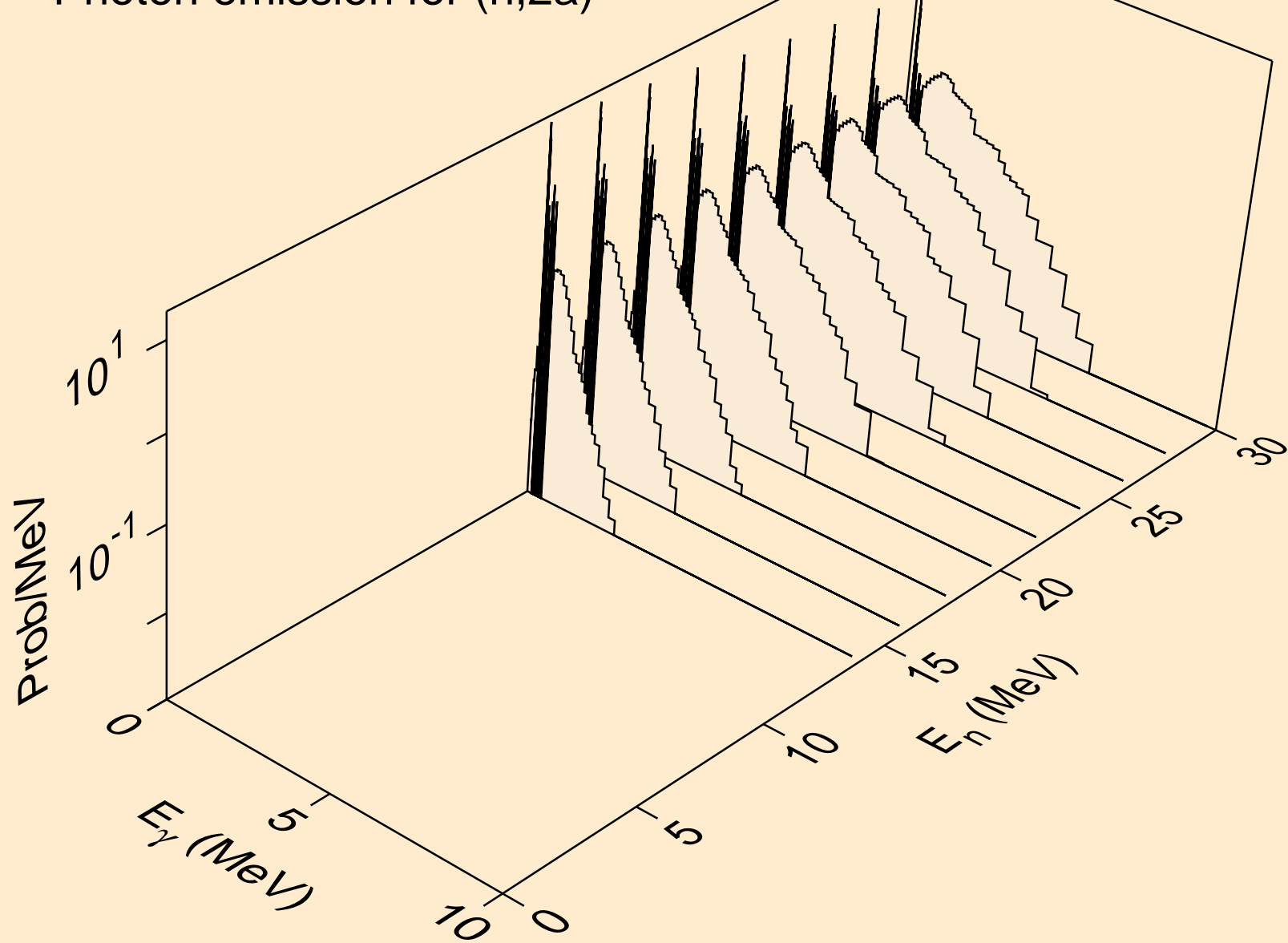




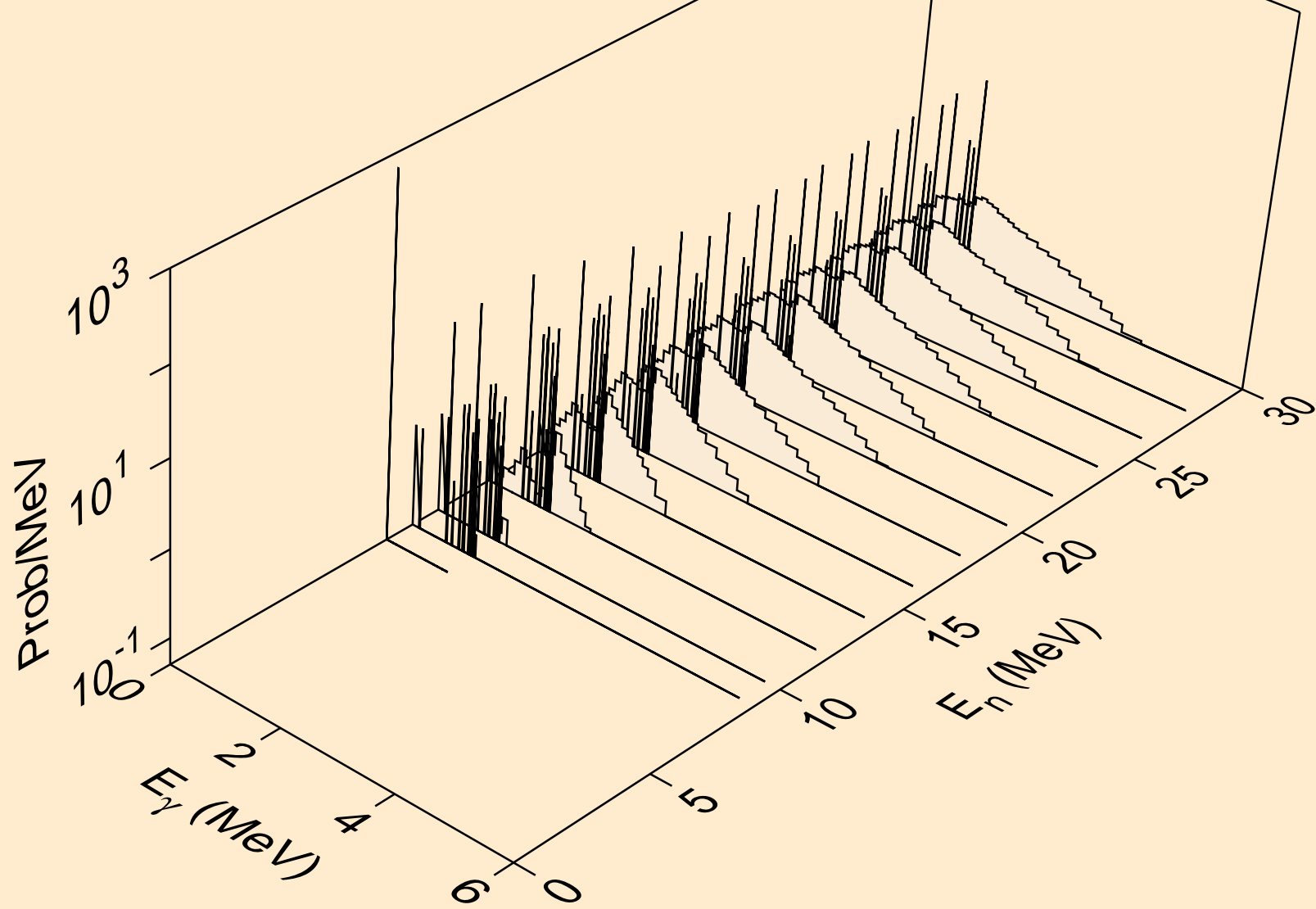
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Photon emission for (n,a)



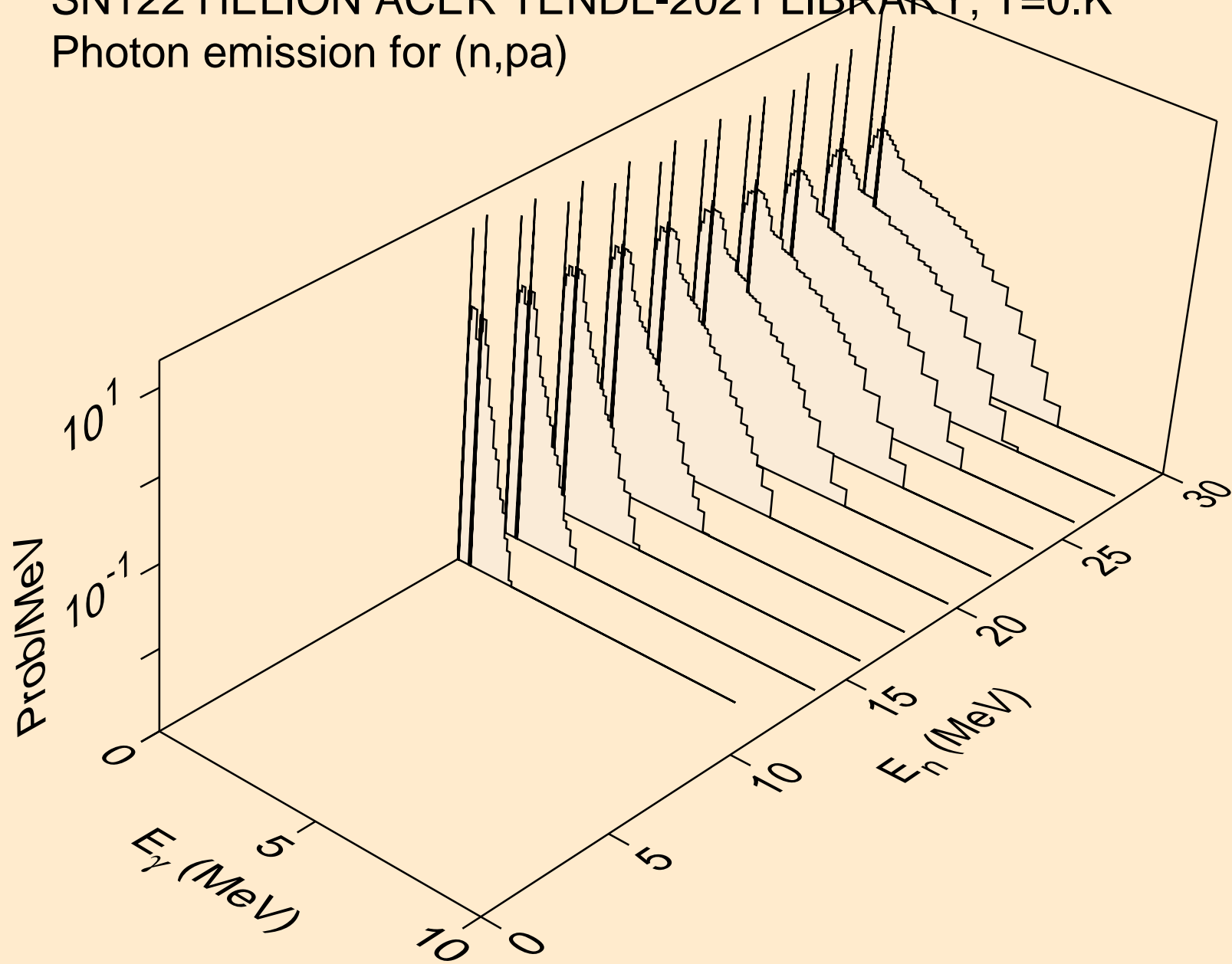
SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2a)



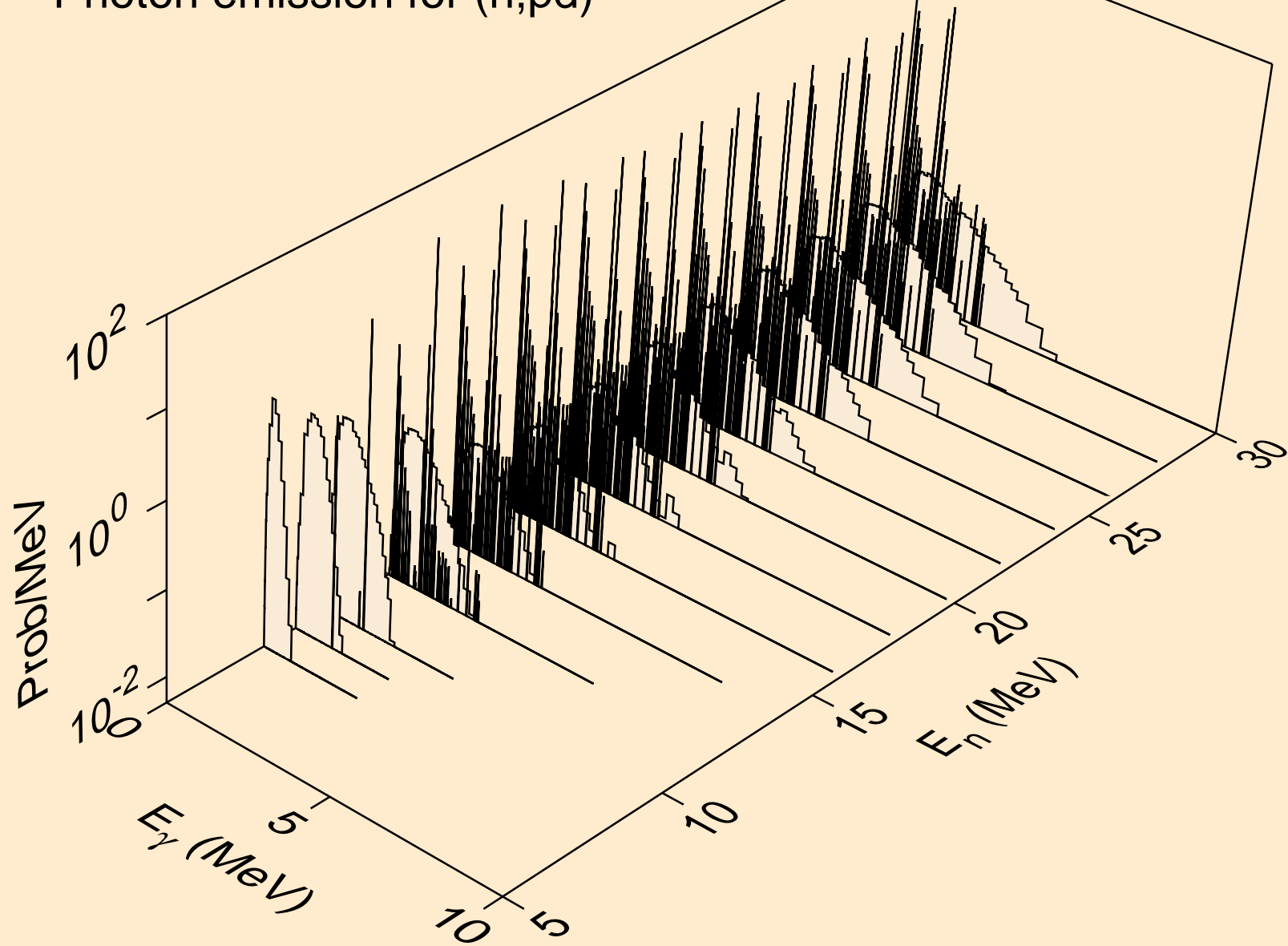
SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)



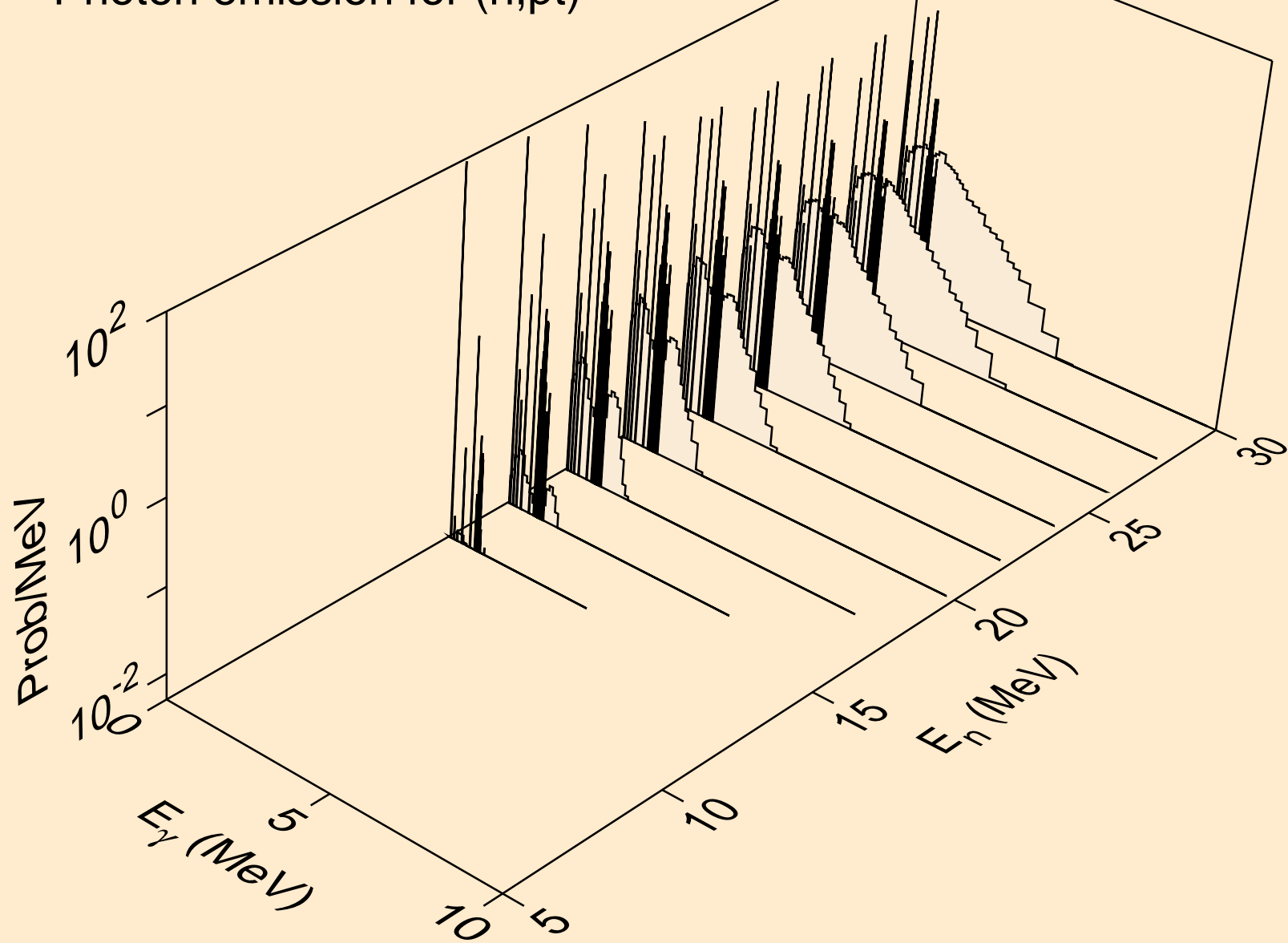
SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pa)



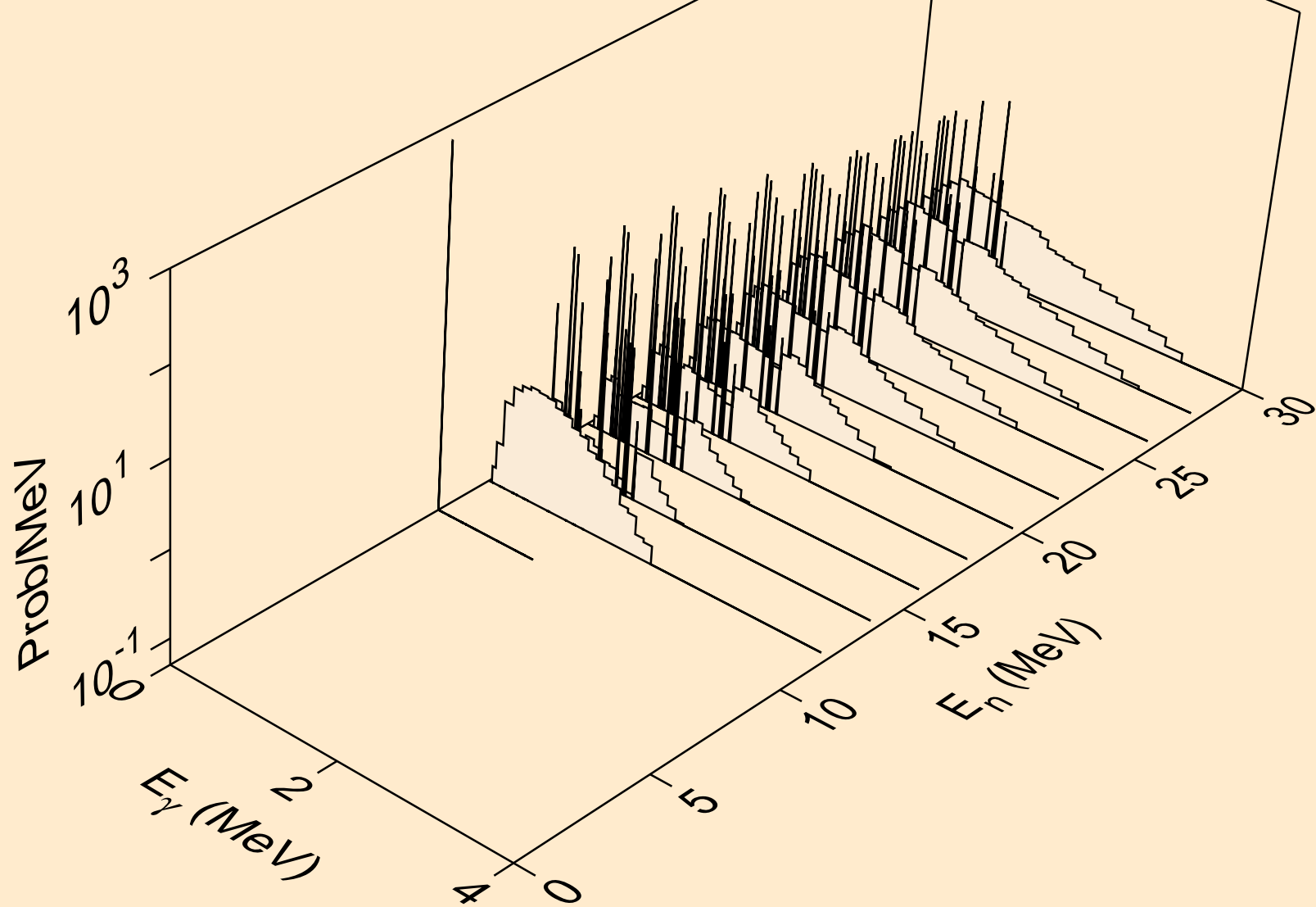
SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)



SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)

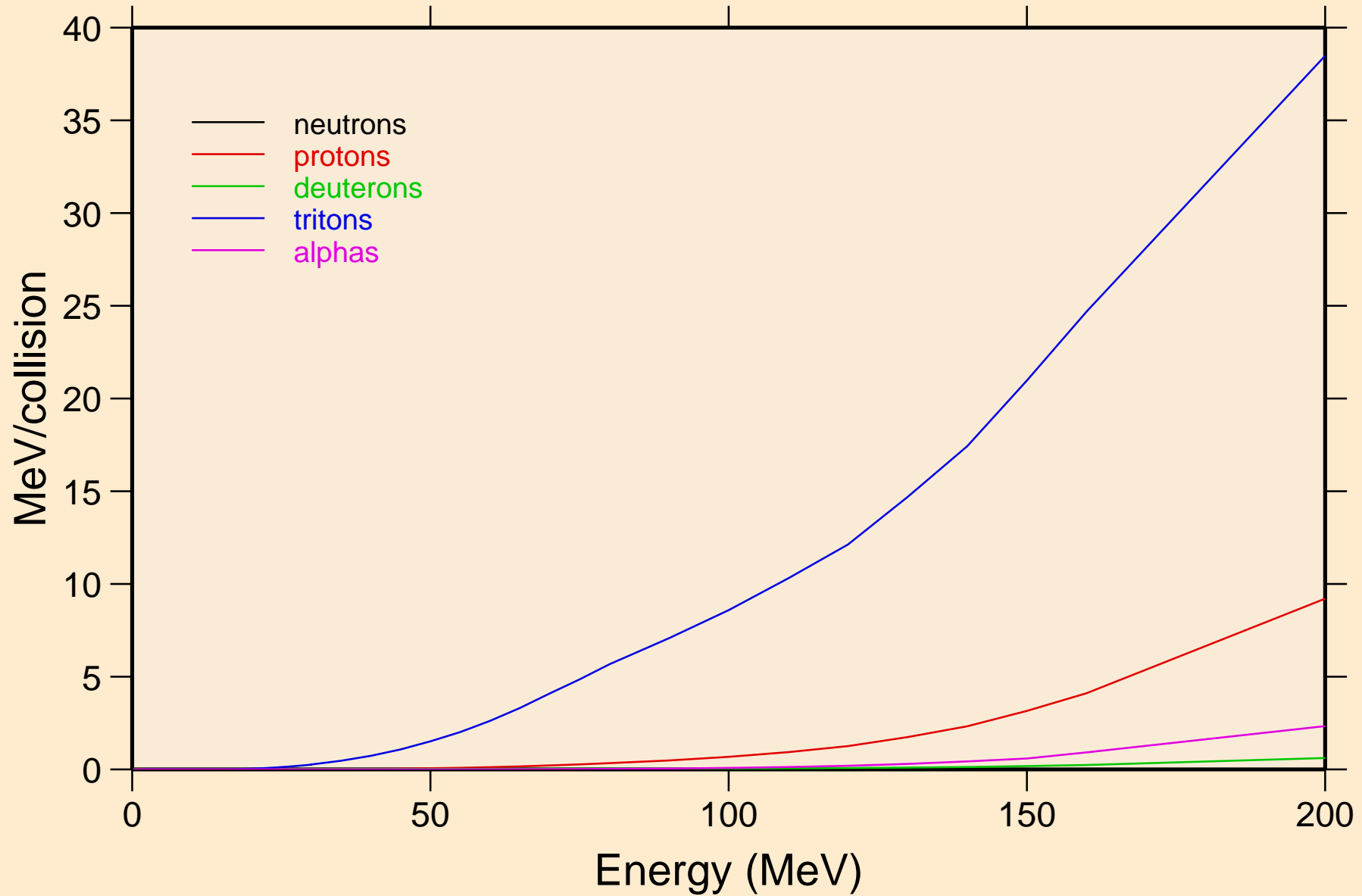


SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,da)



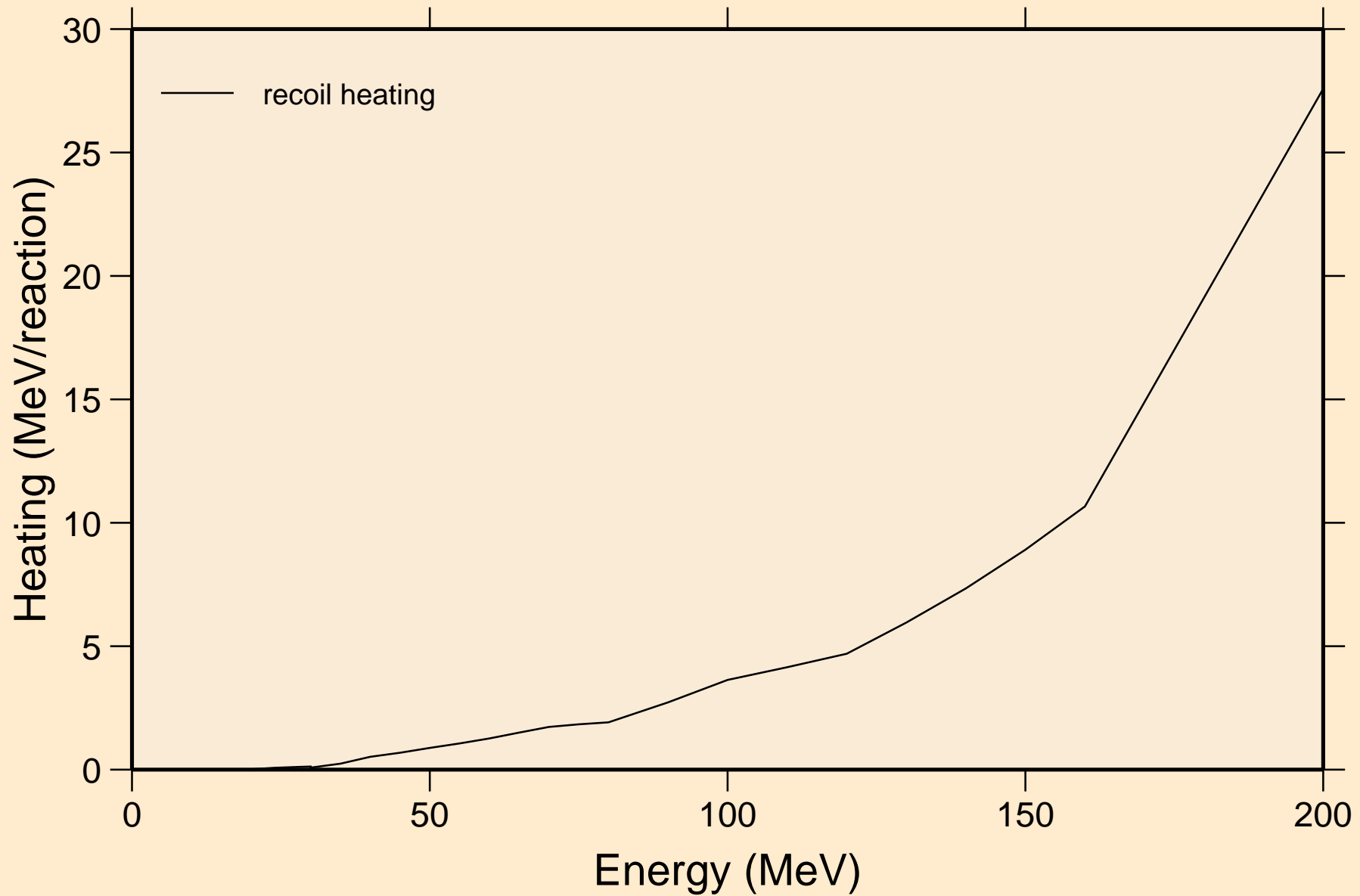
# SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Particle heating contributions



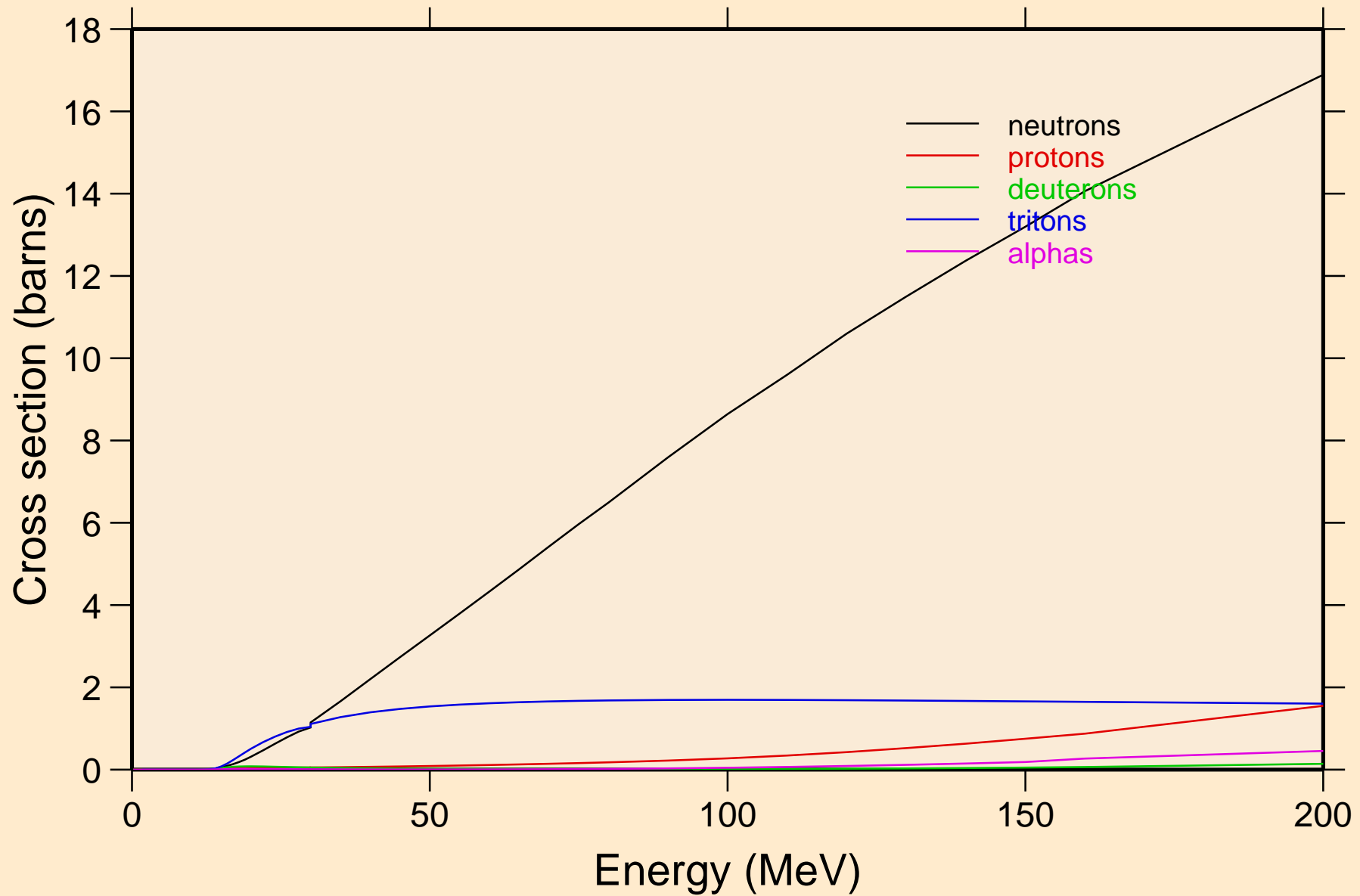


SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating

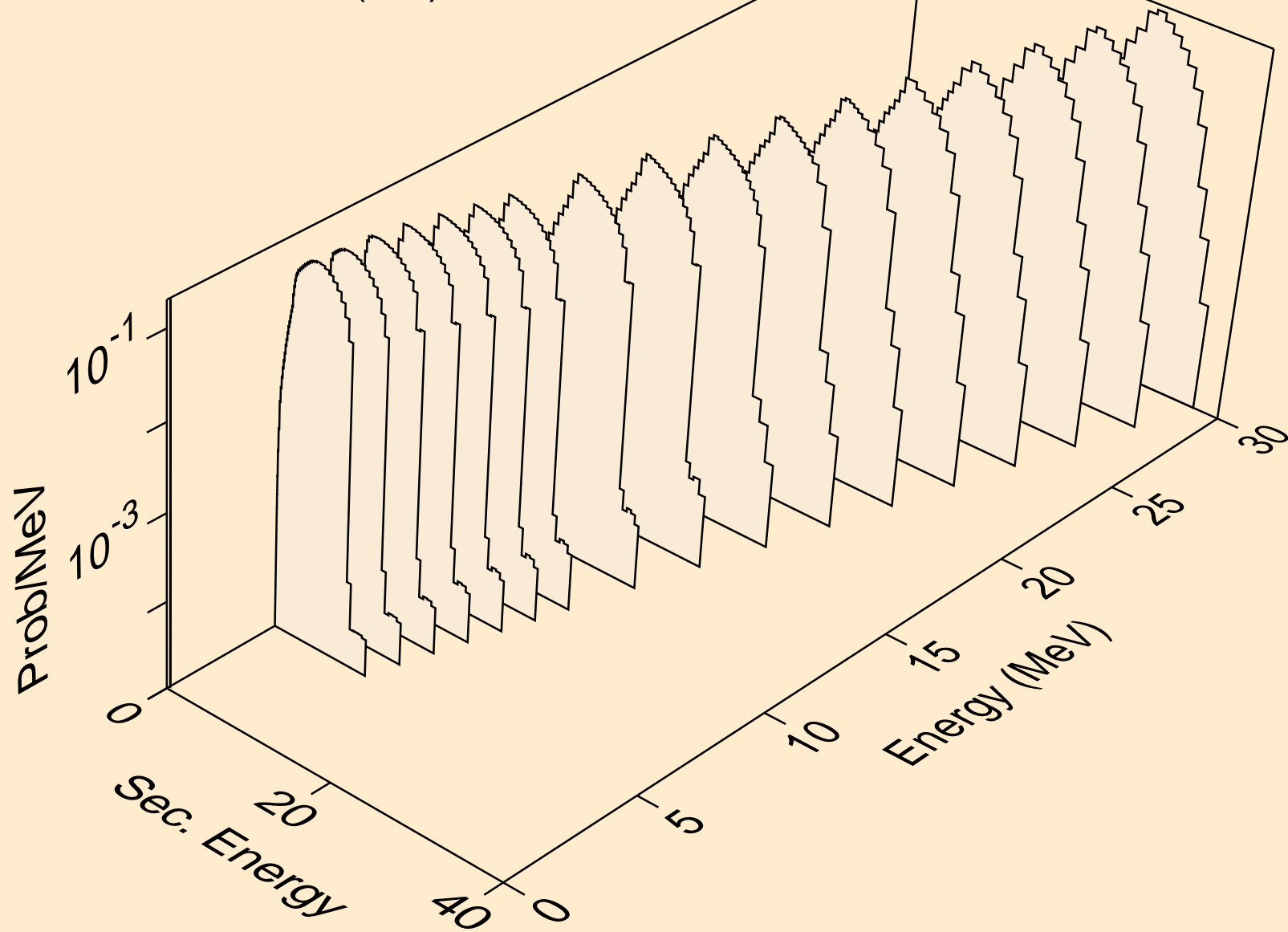


# SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K

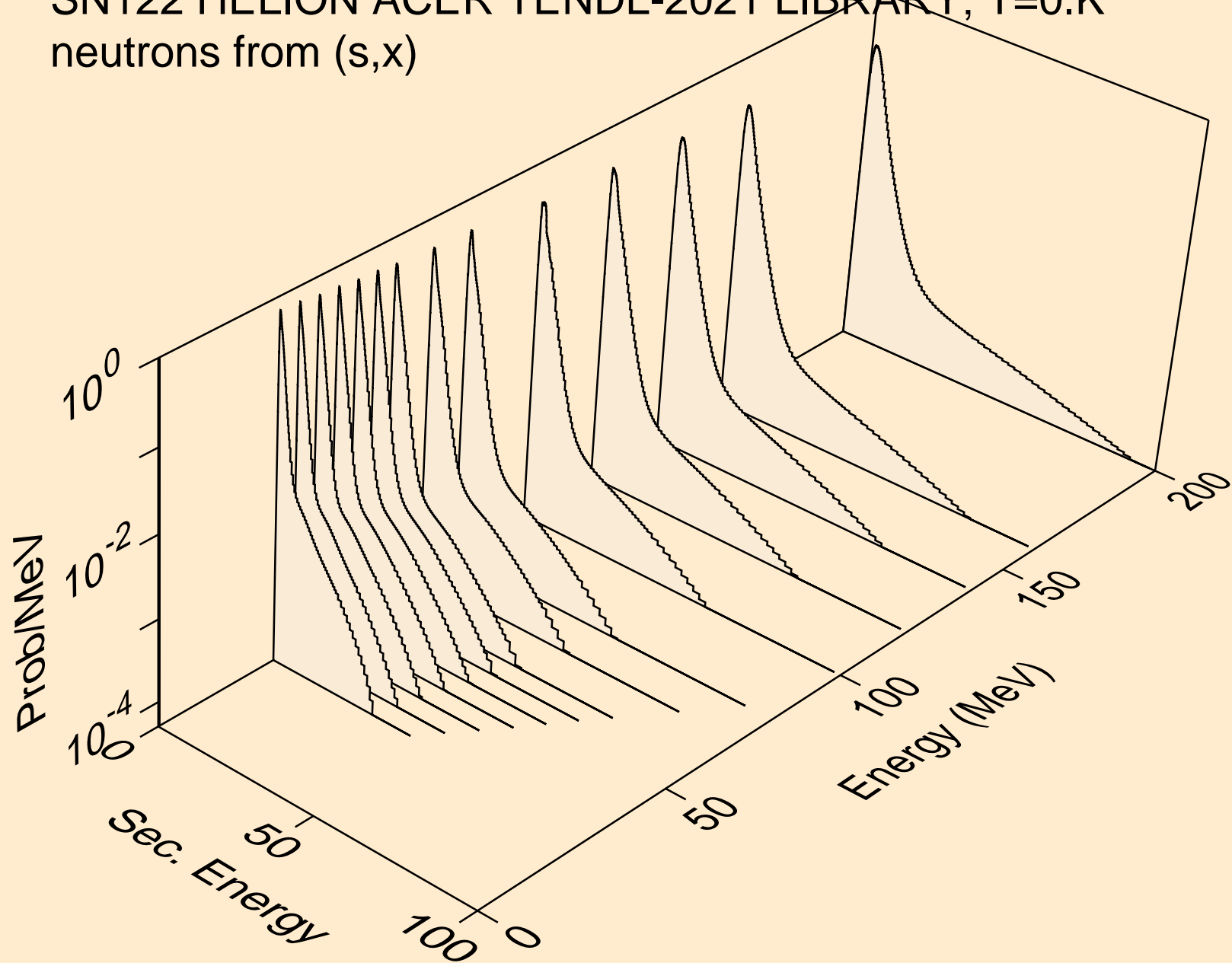
## Particle production cross sections



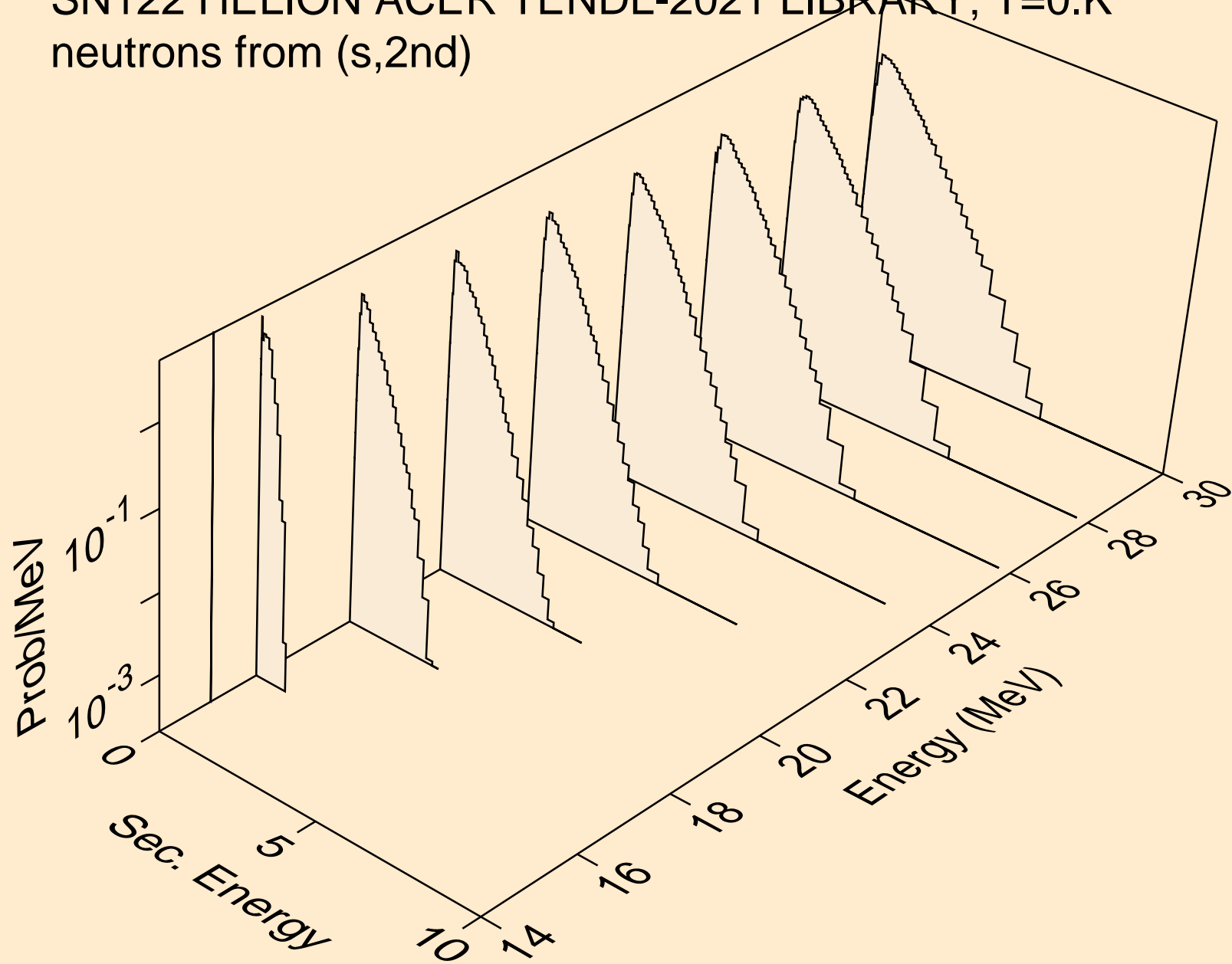
SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n)



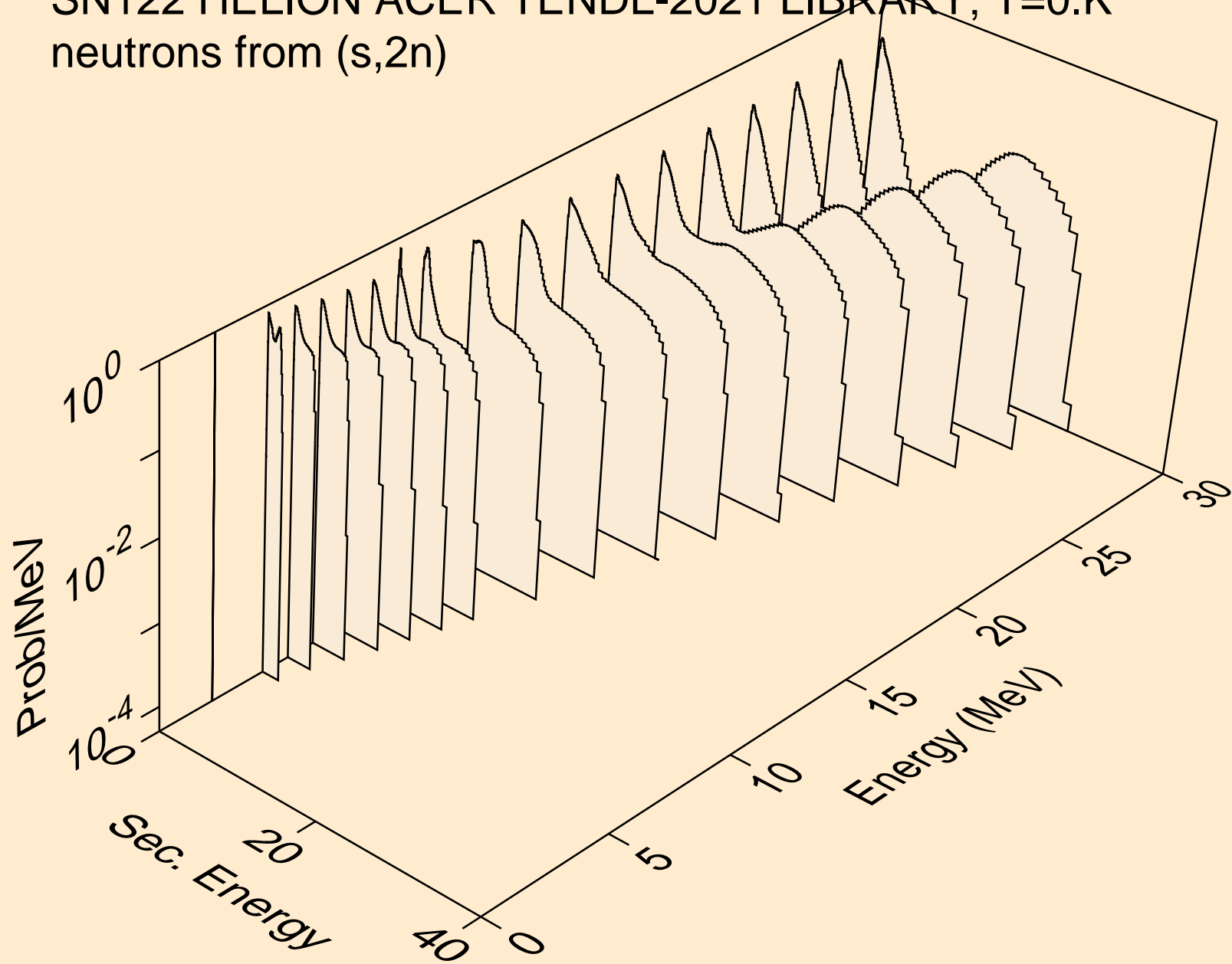
SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,x)



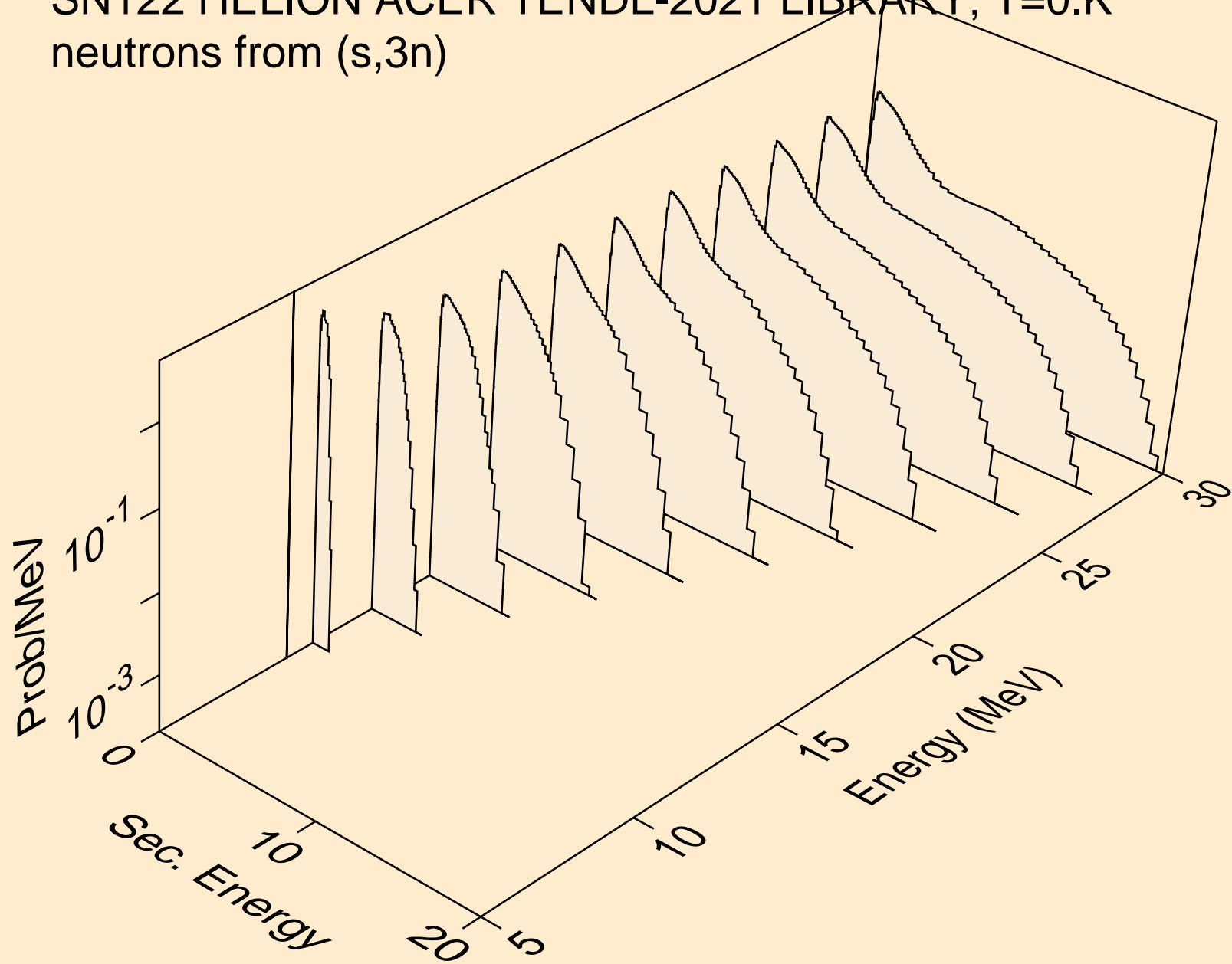
SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2nd)



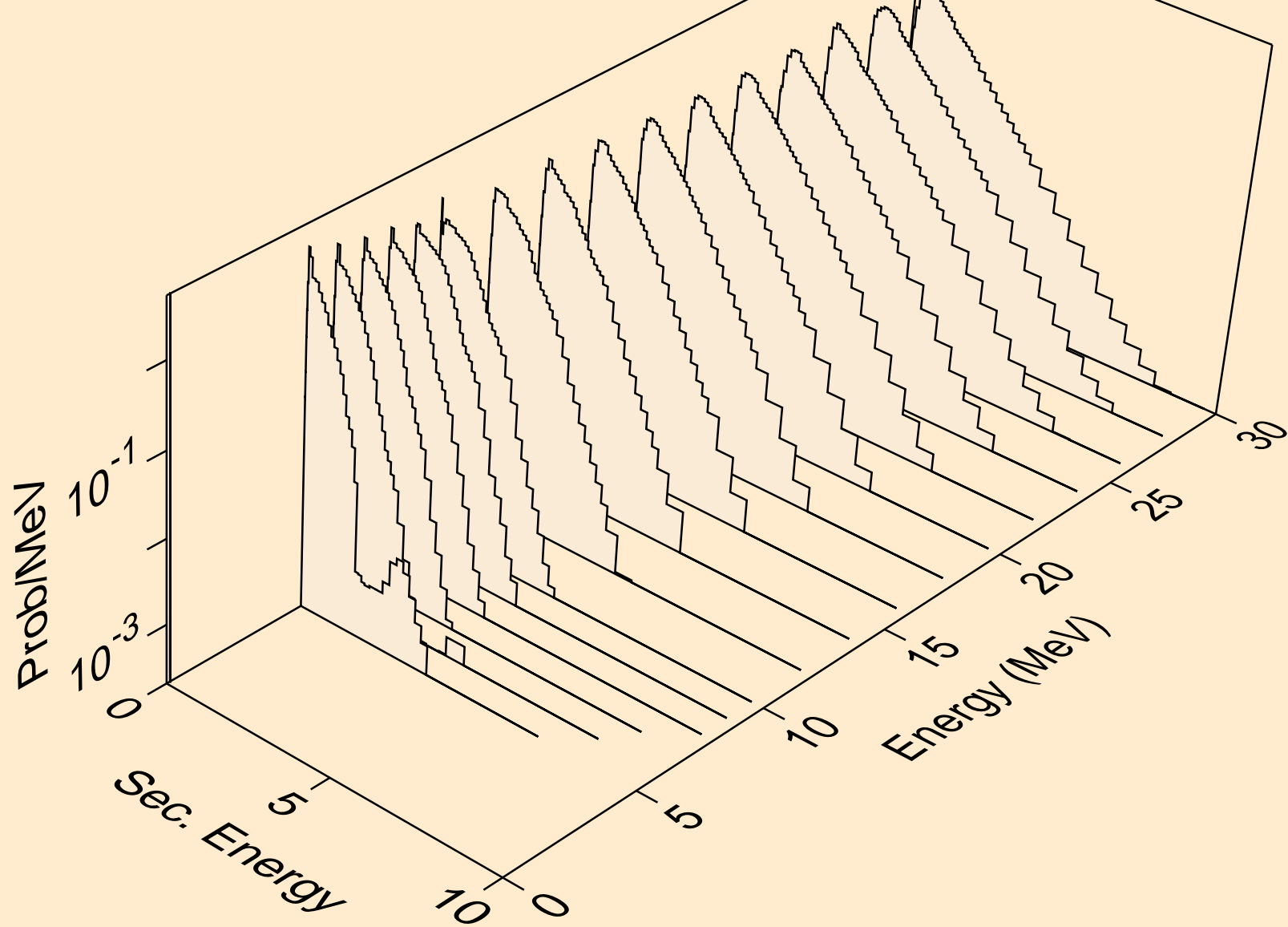
SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)



SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3n)

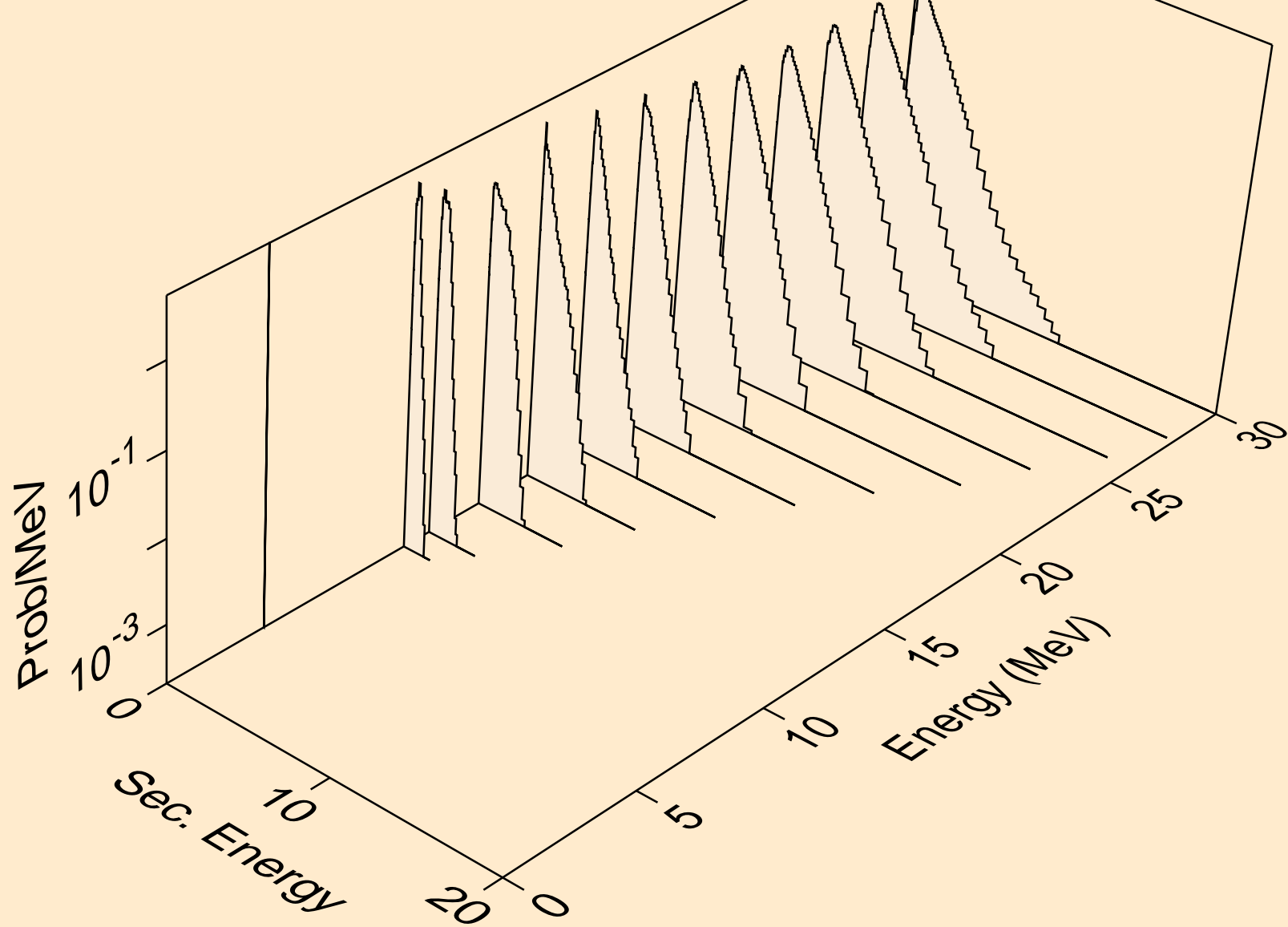


SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)a

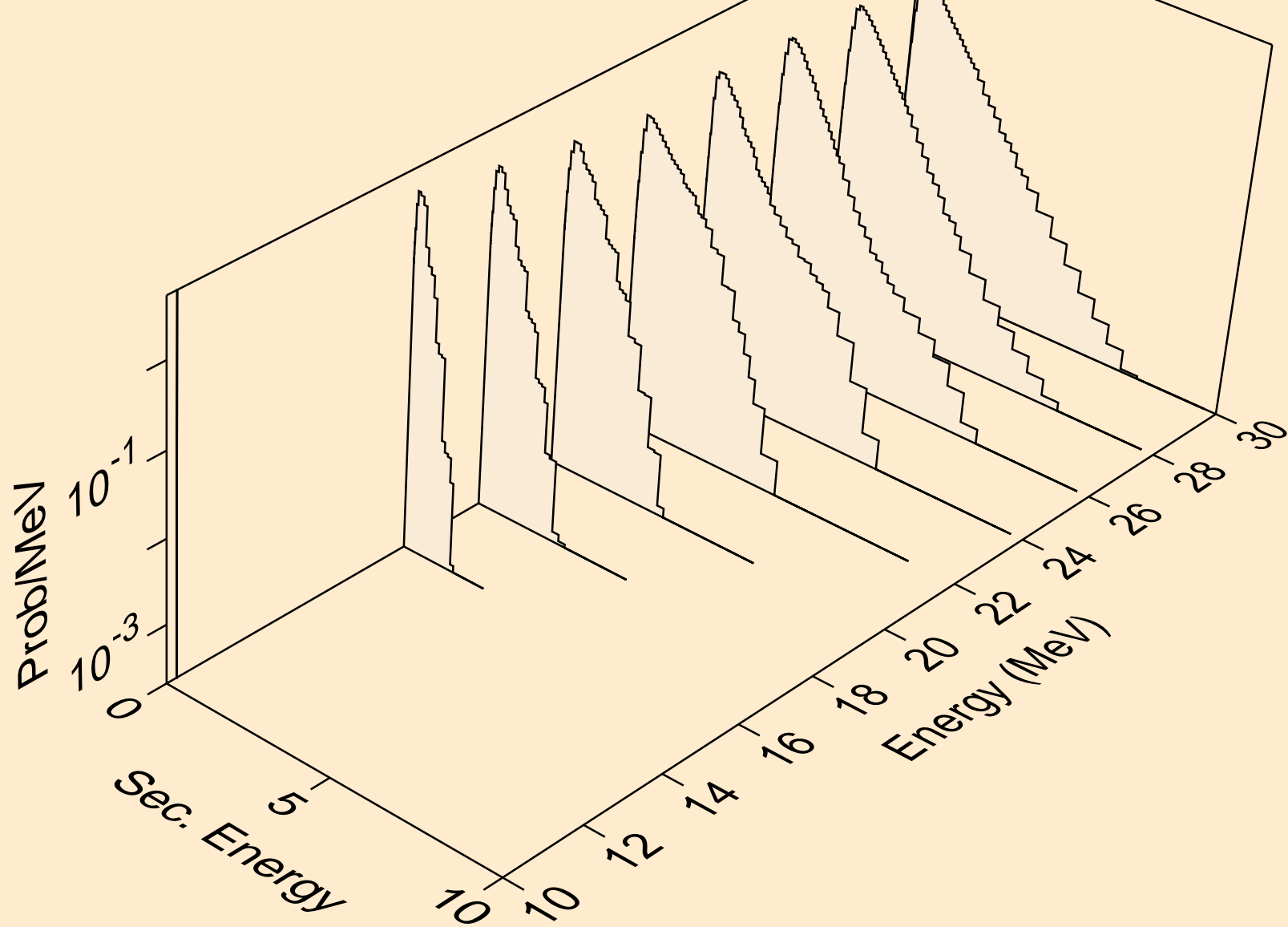




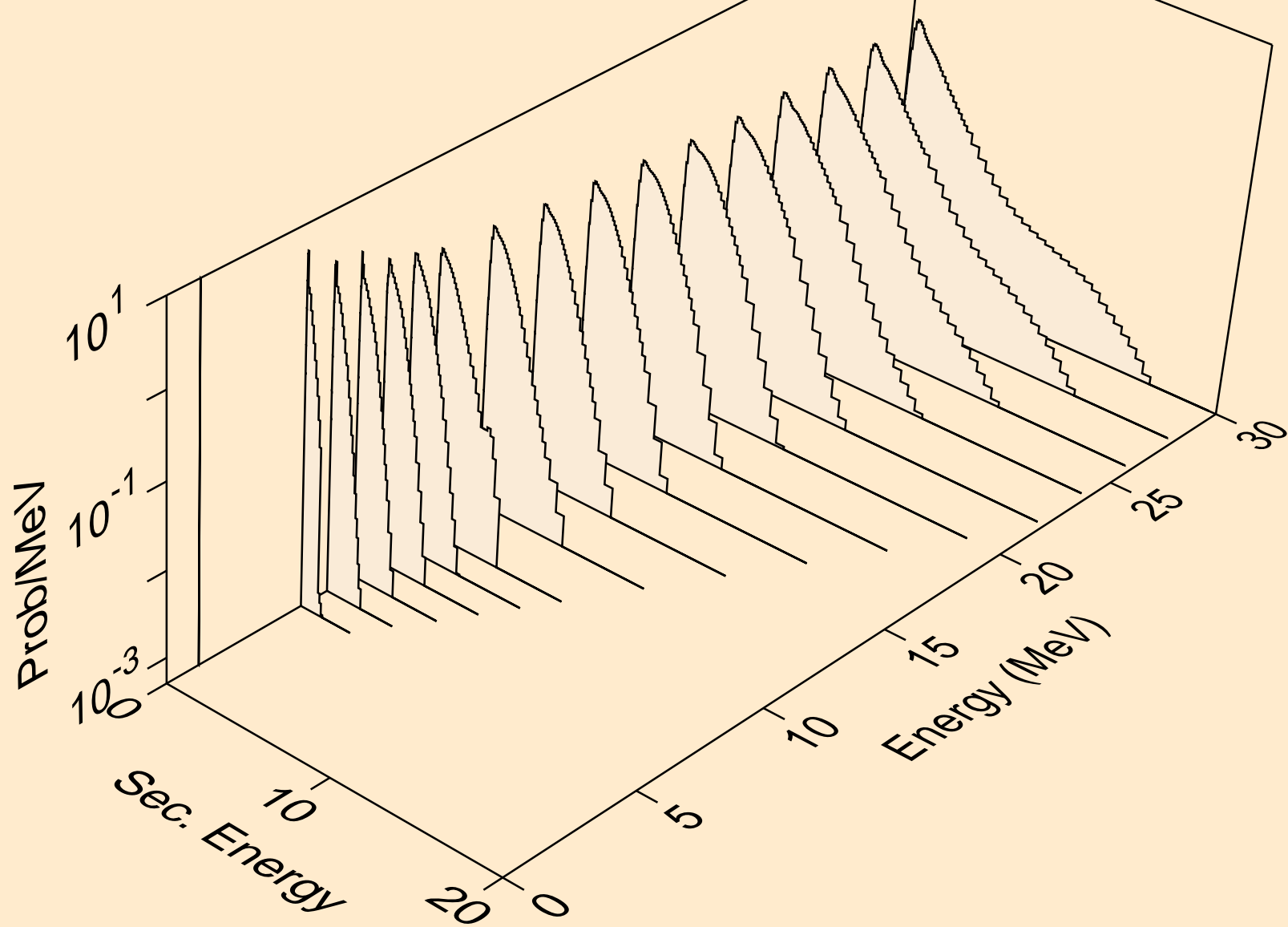
SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)a



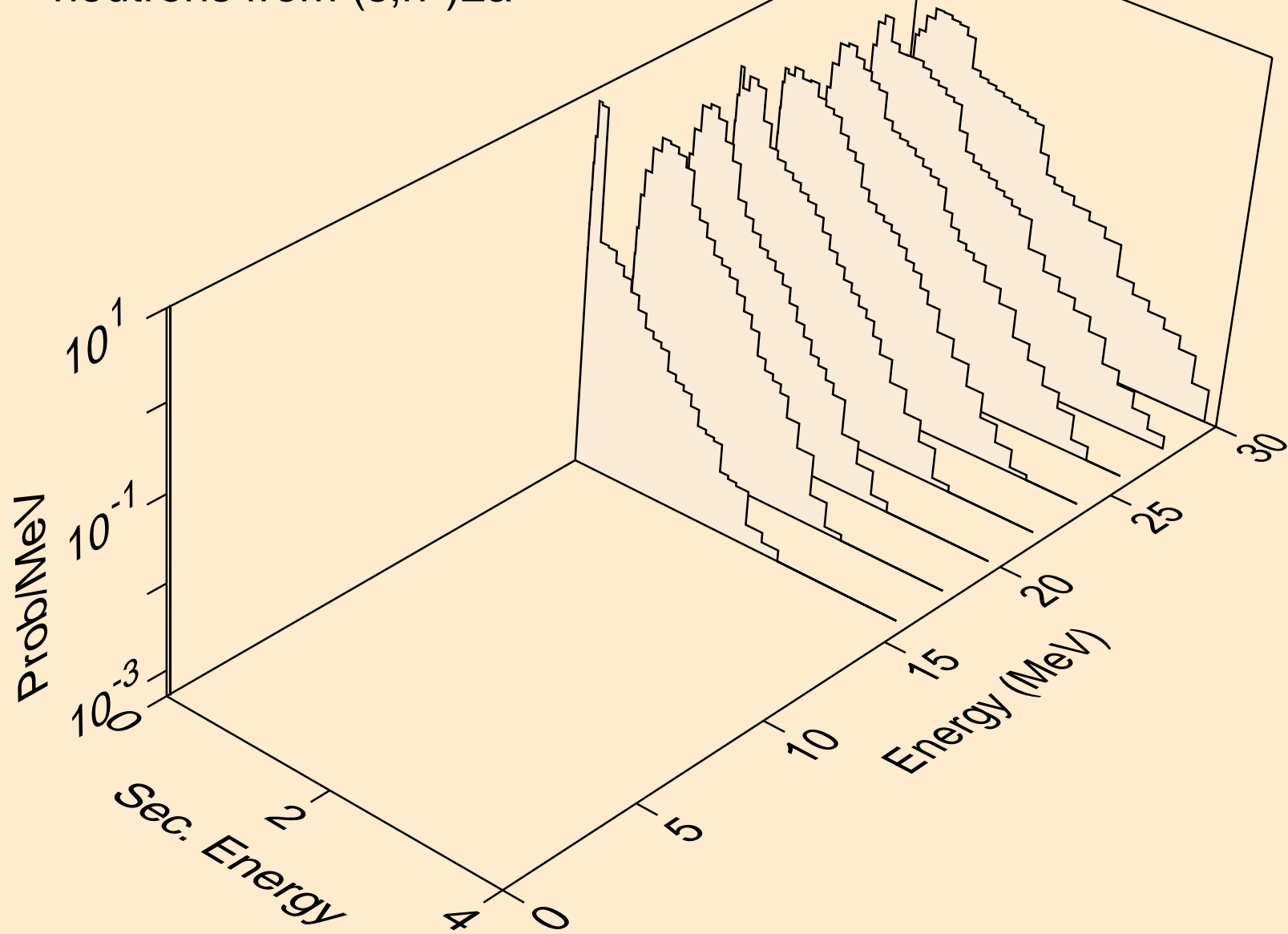
SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3n)a



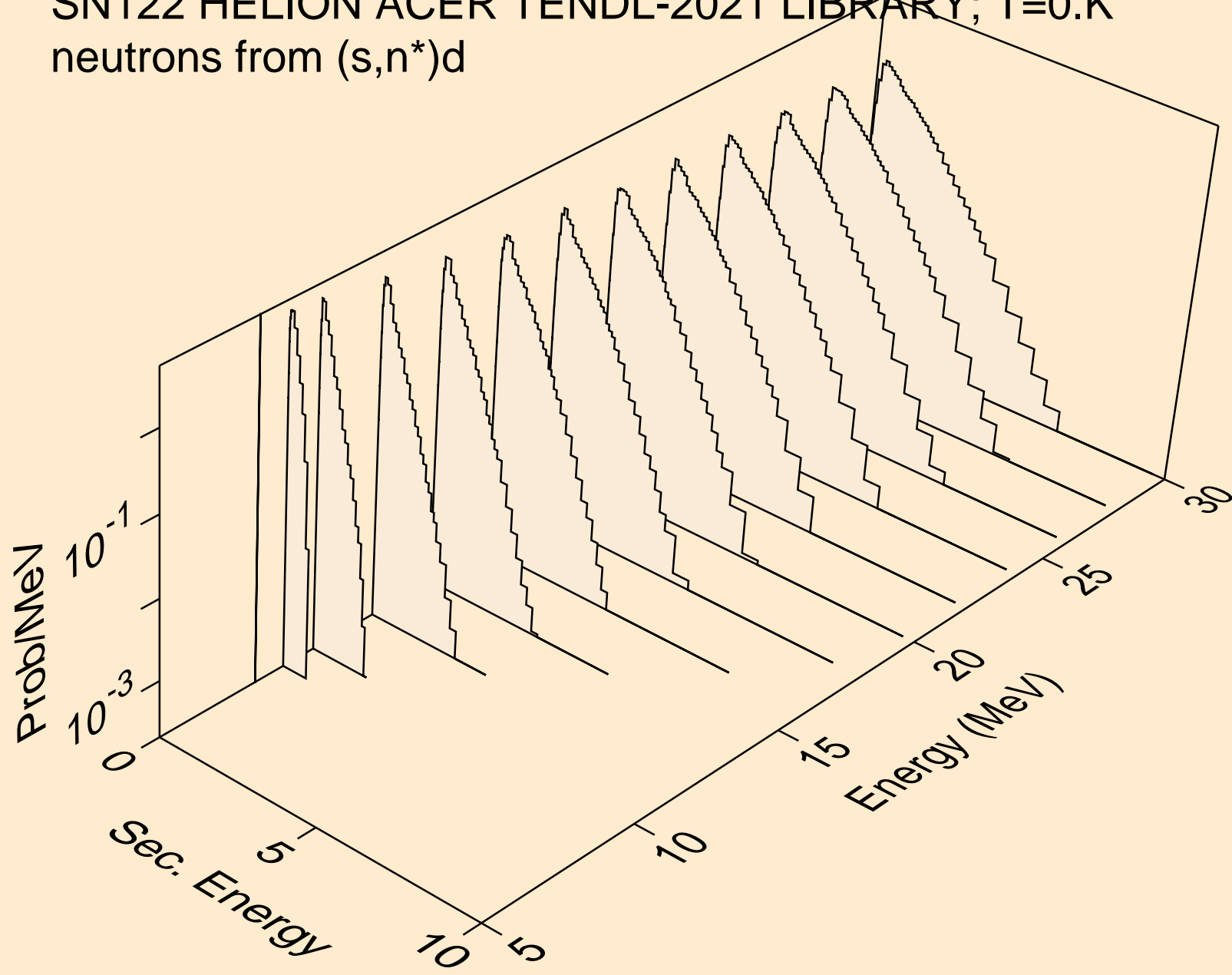
SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)p



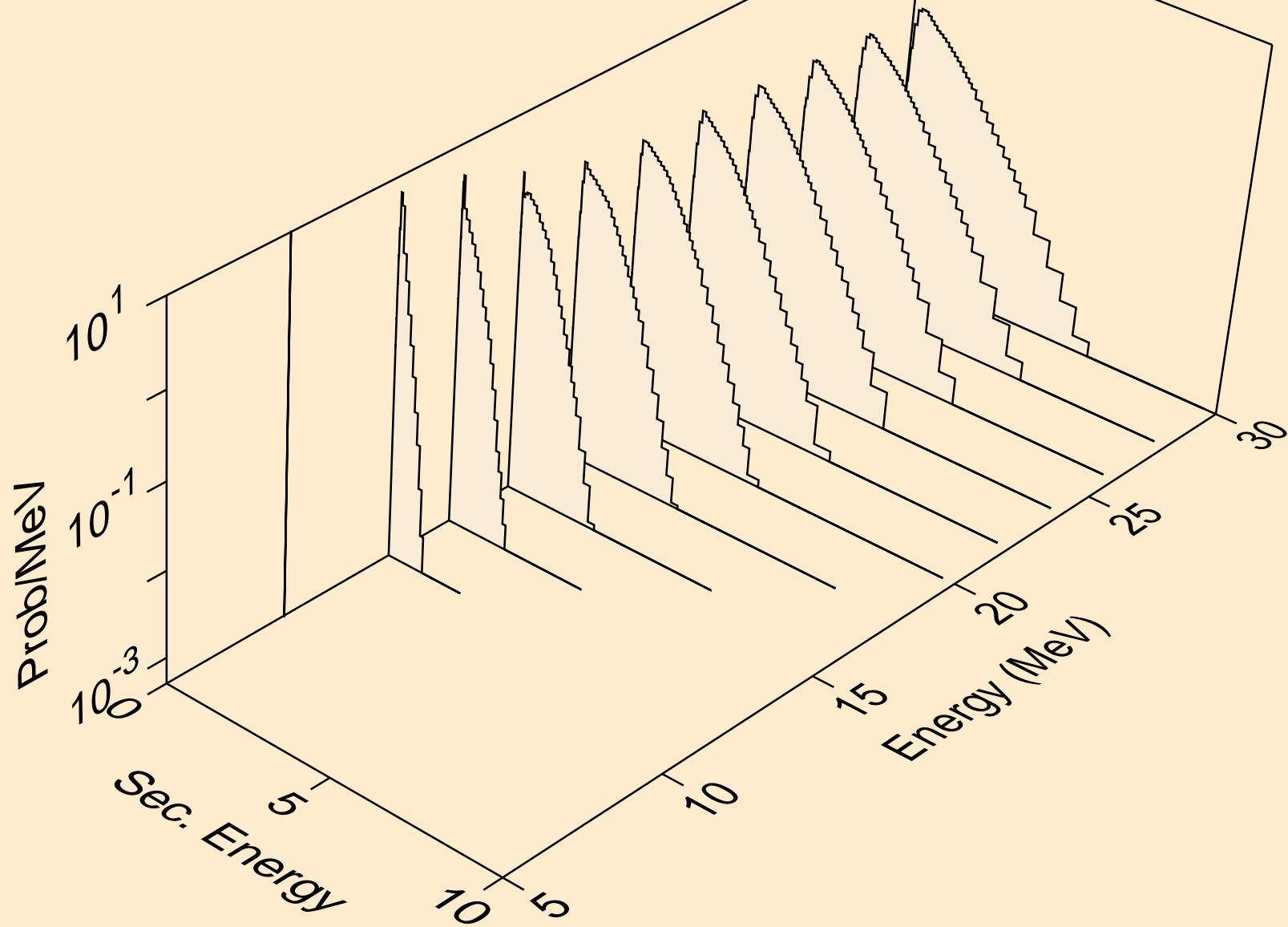
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neutrons from (s,n\*)2a



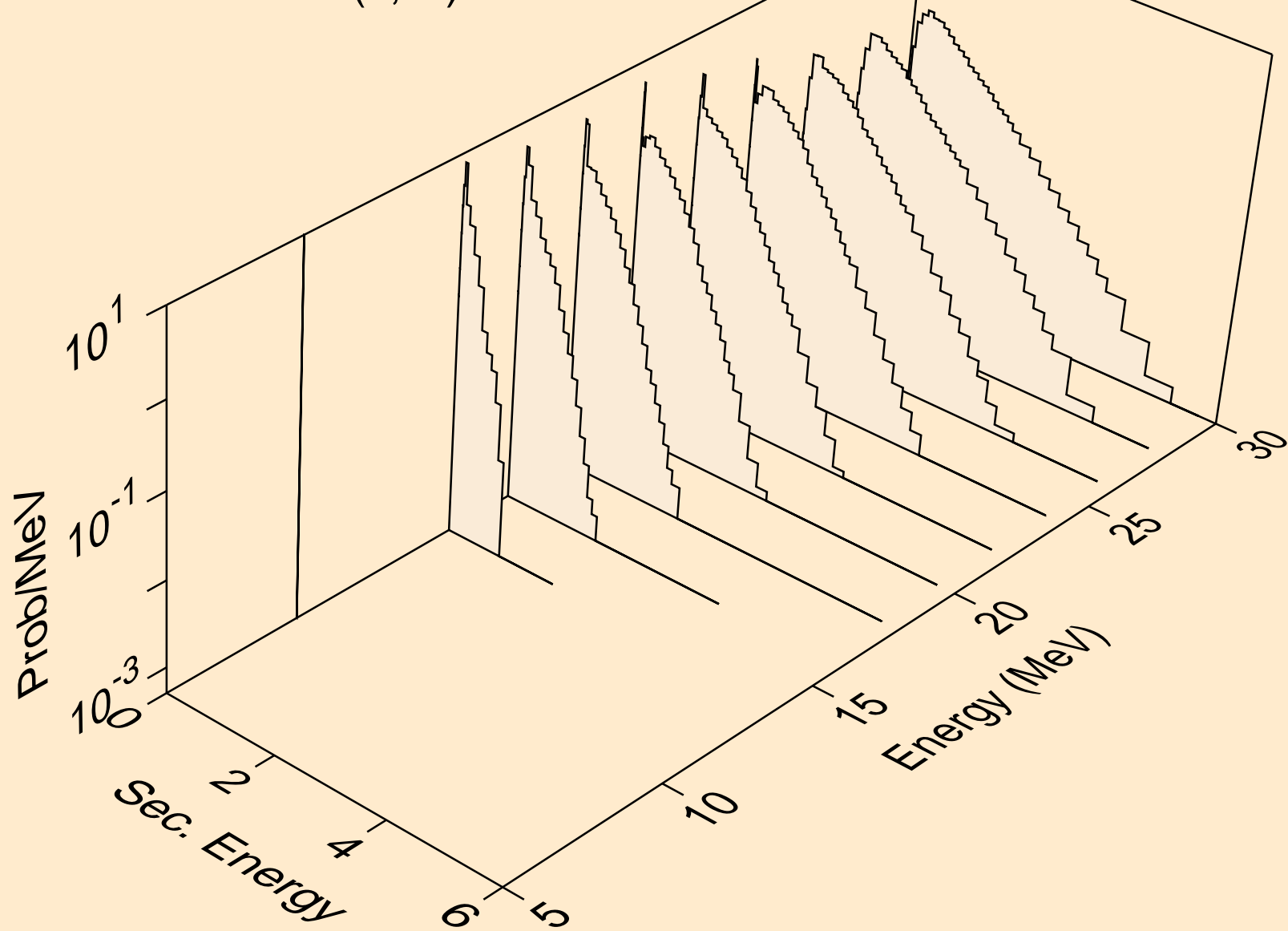
SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)d



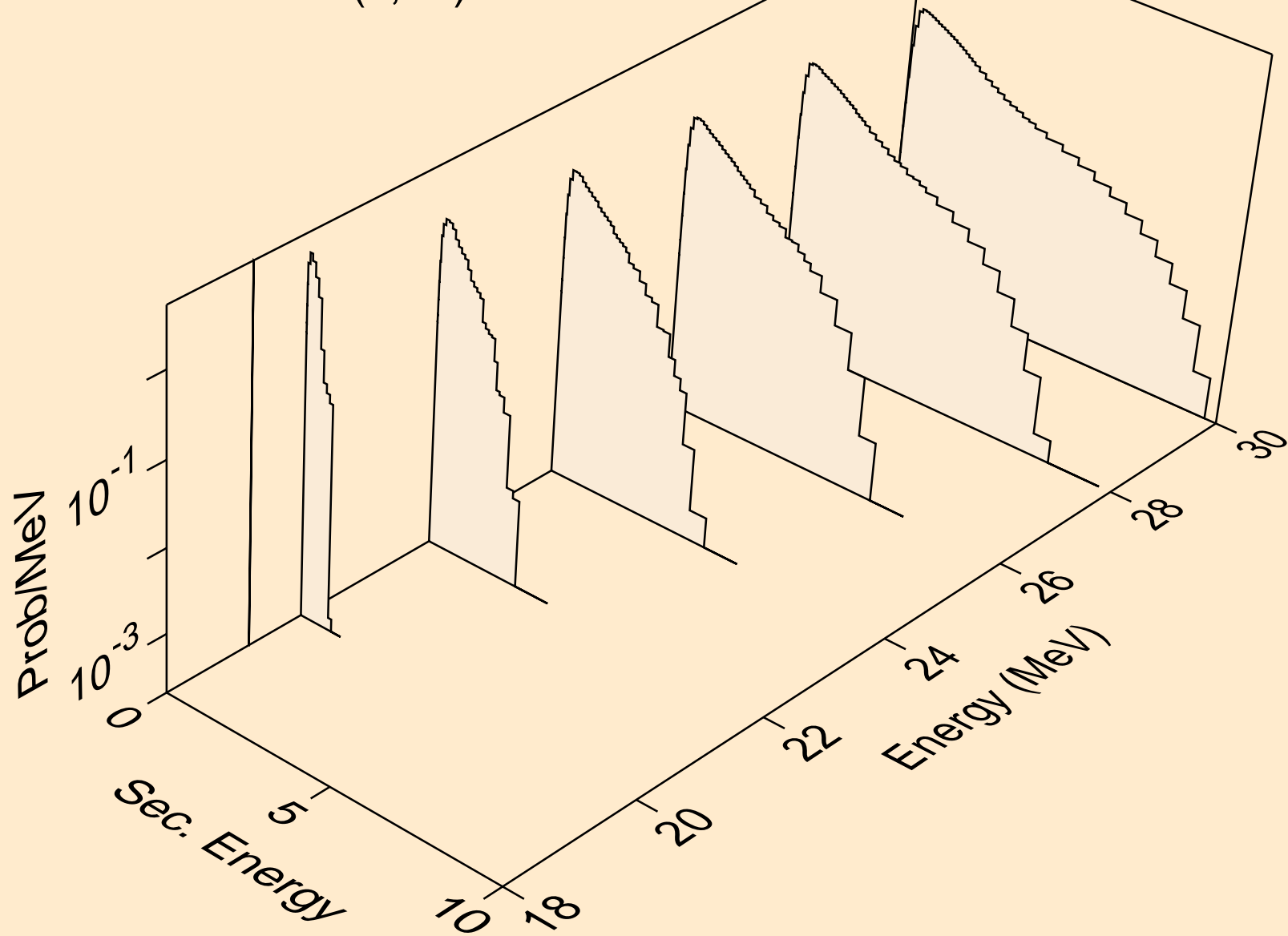
SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)t



SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)he3

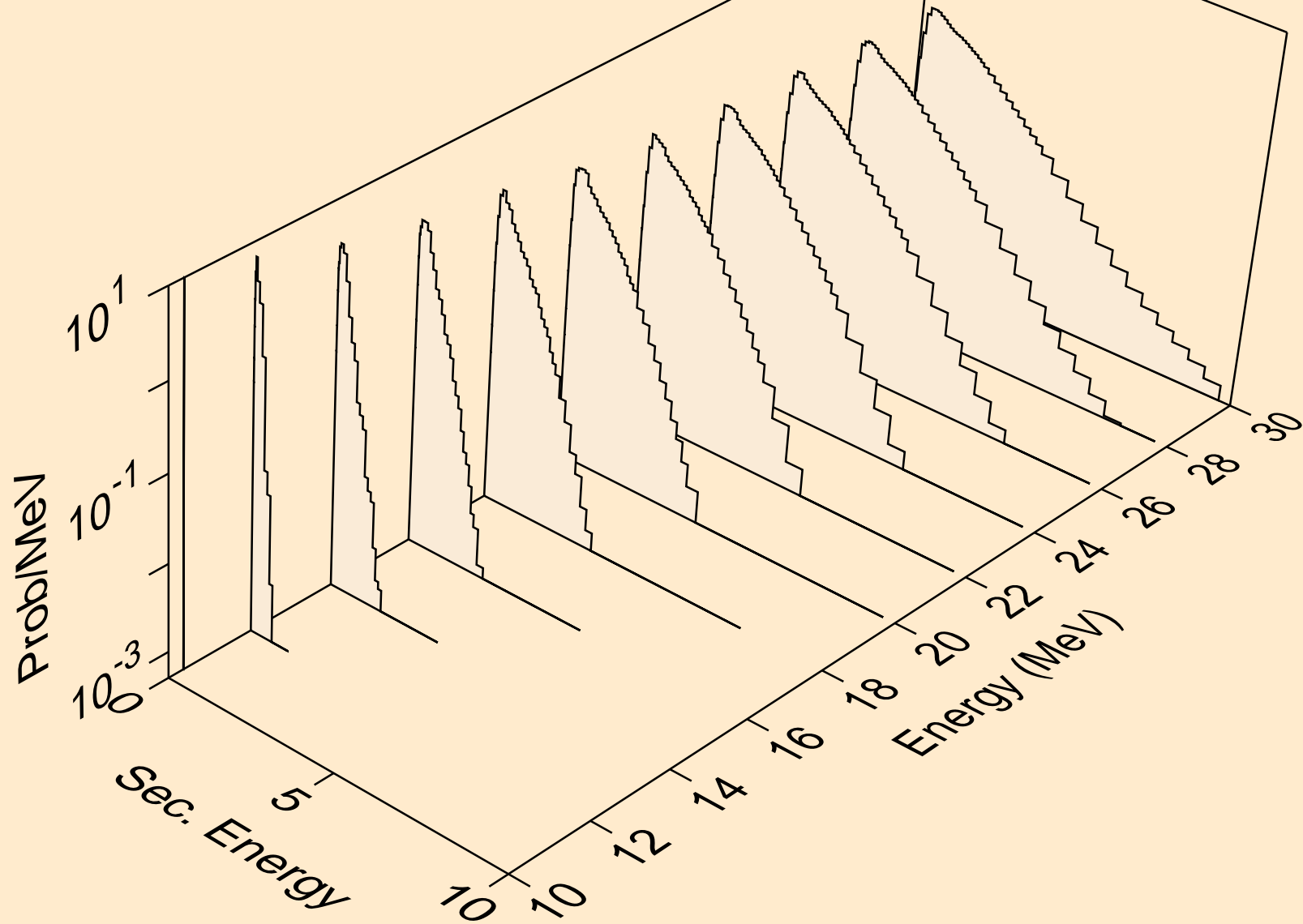


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neutrons from (s,4n)

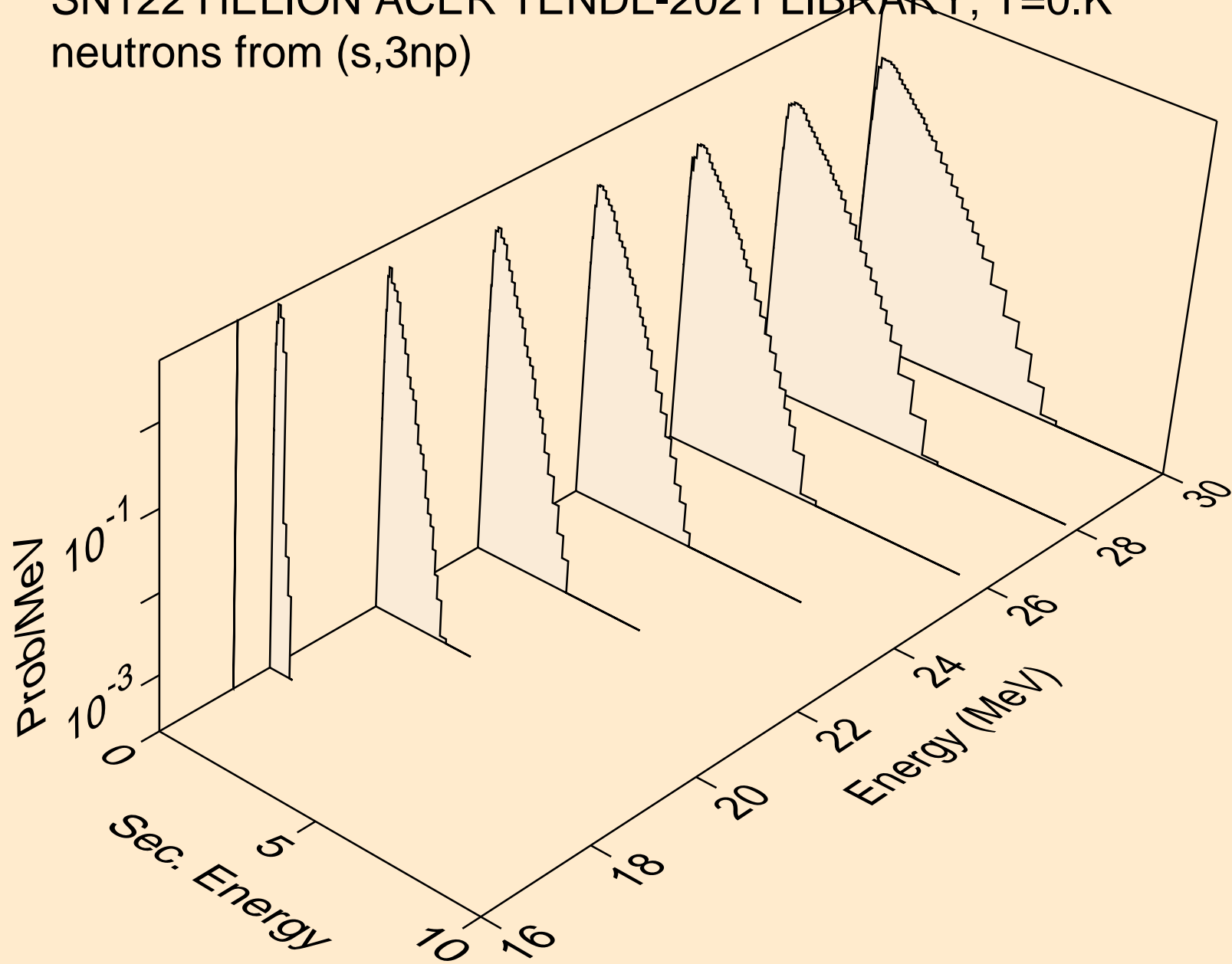




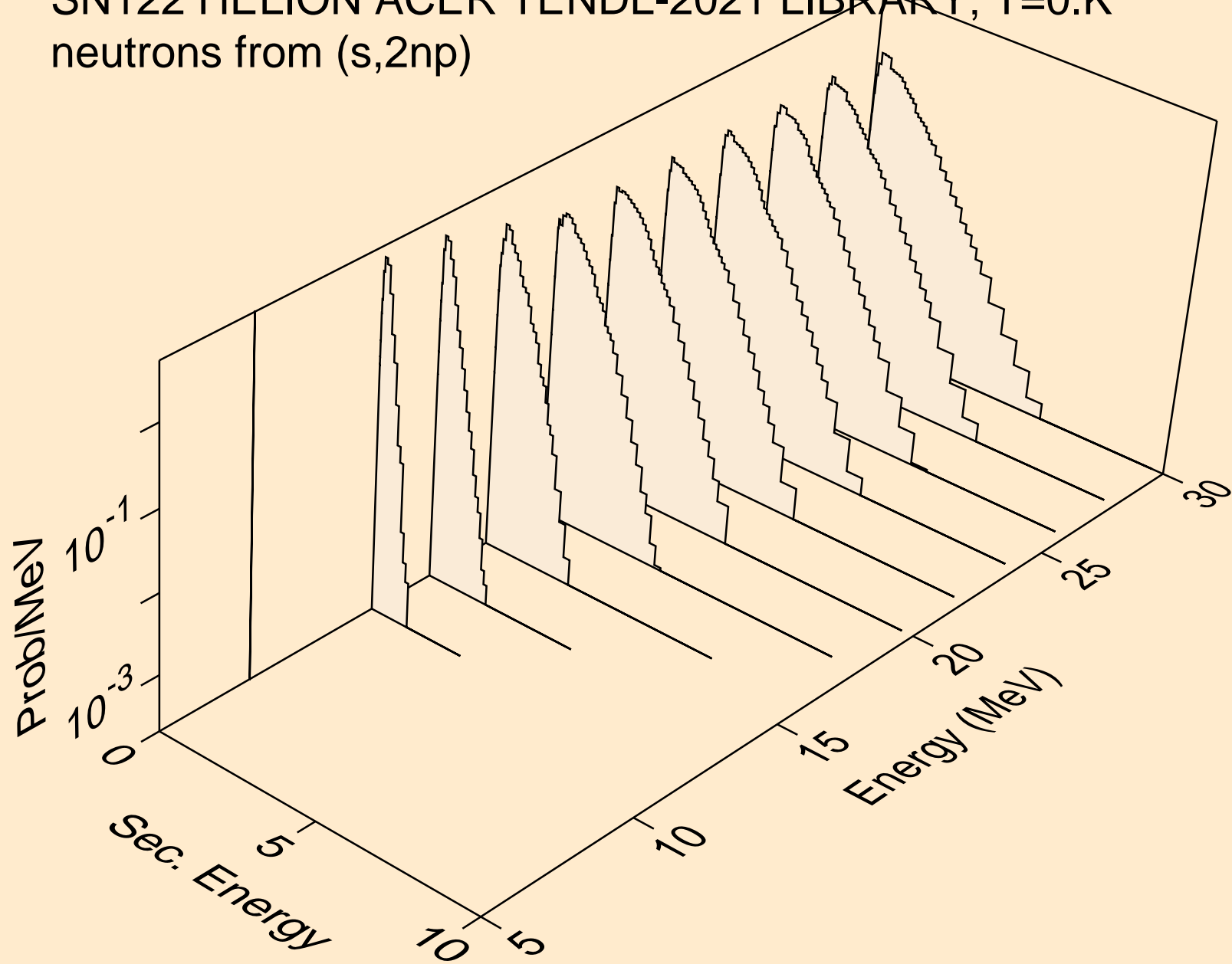
SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2np)



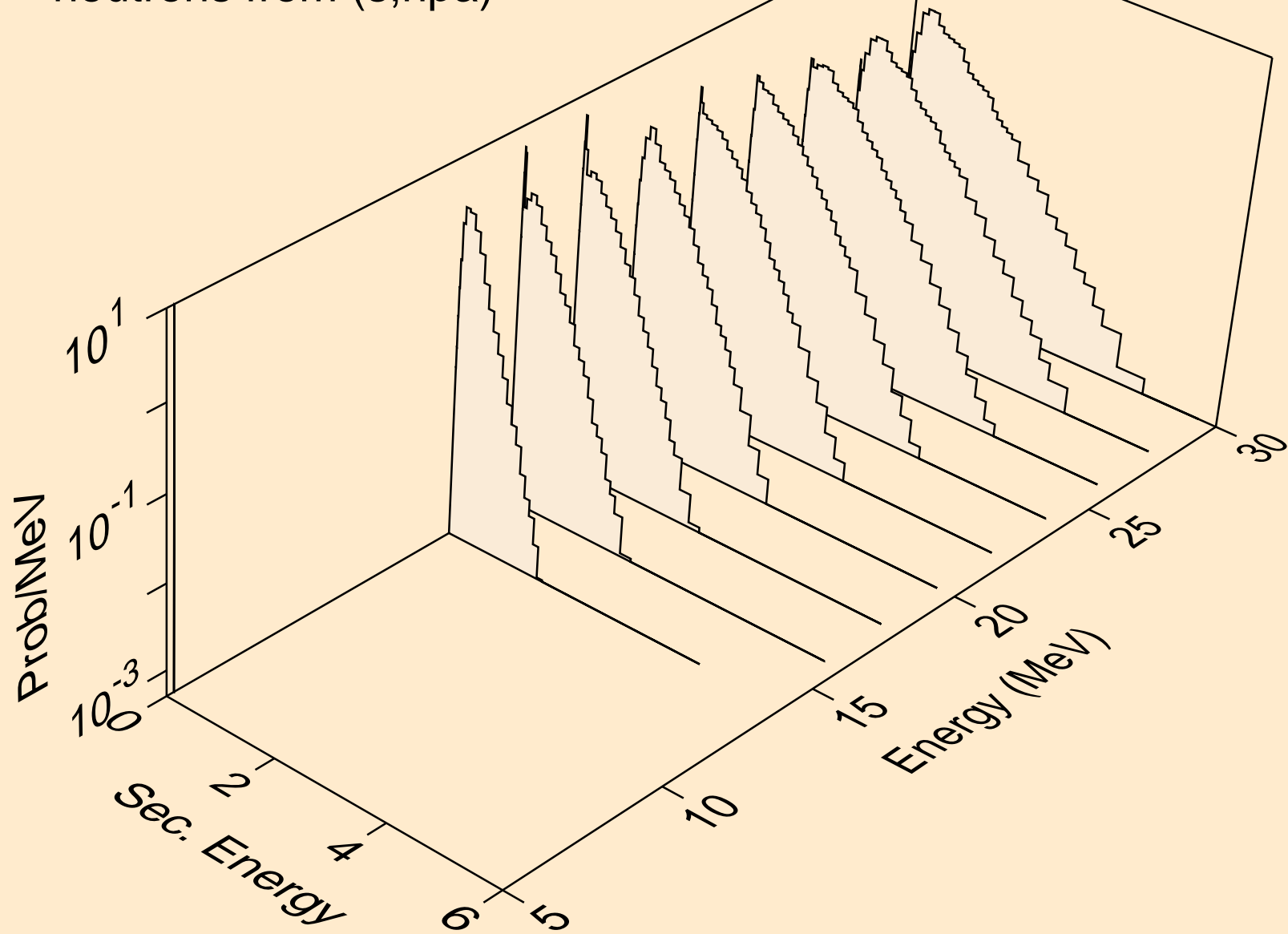
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neutrons from (s,3np)



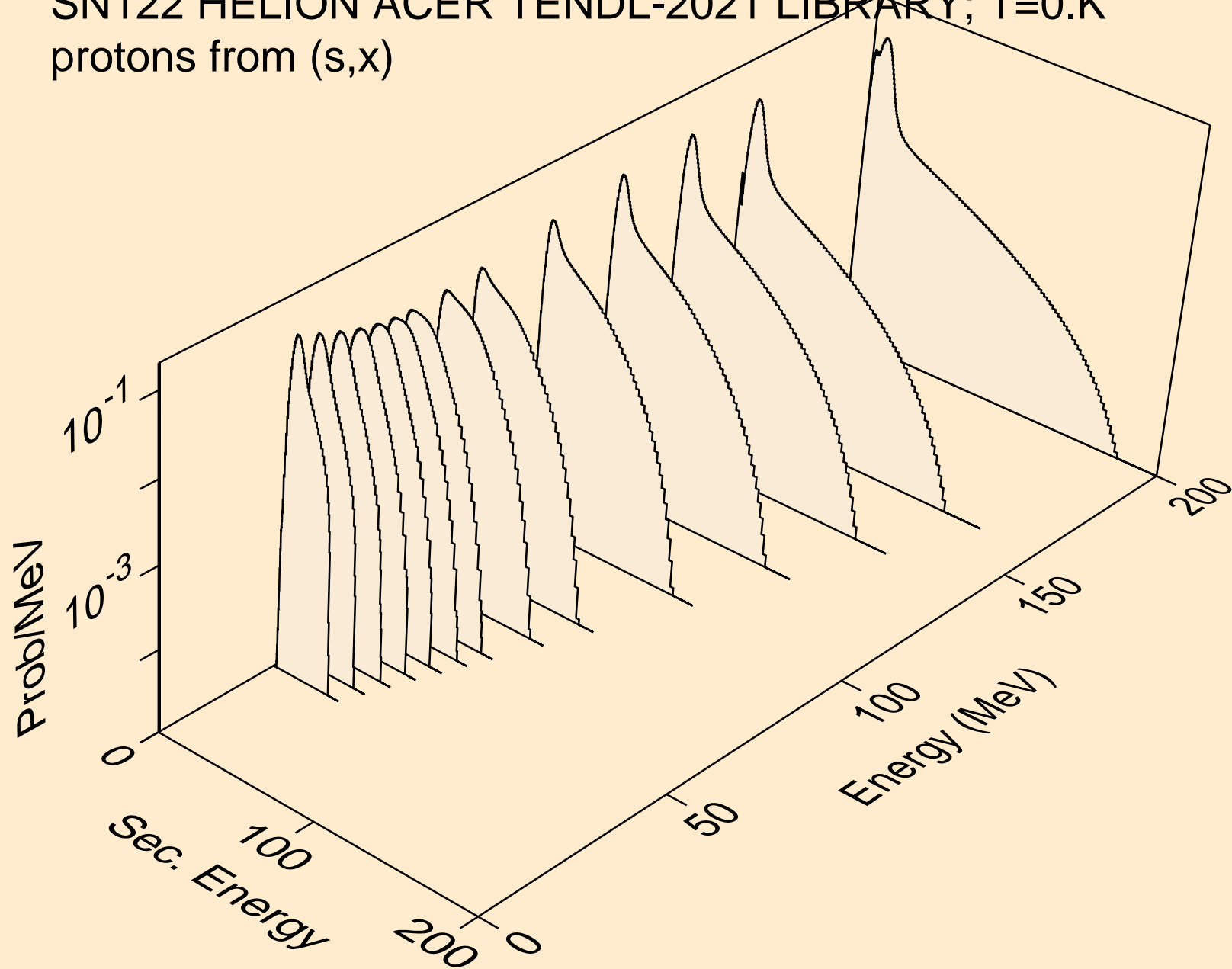
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neutrons from (s,2np)



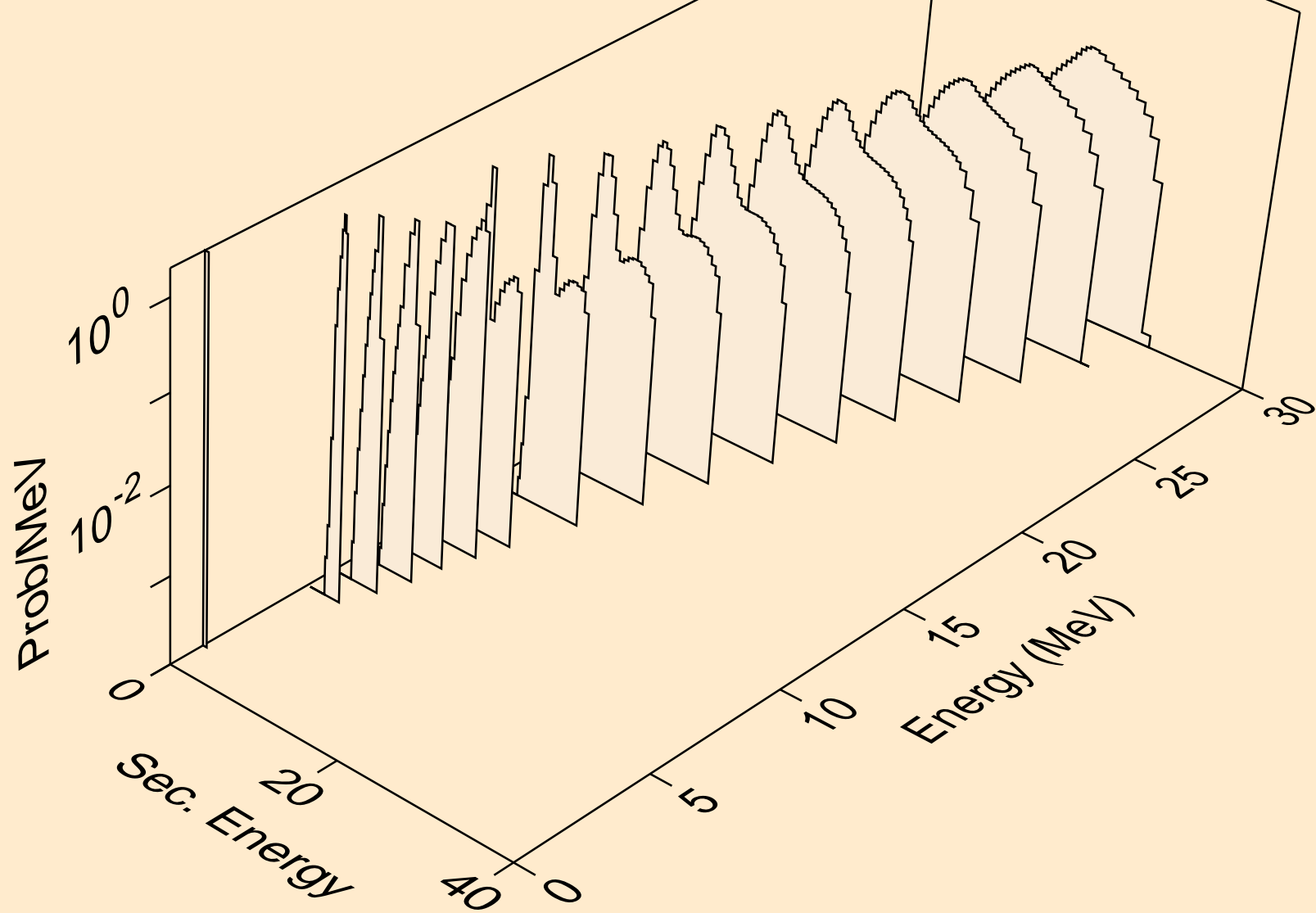
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neutrons from (s,npa)



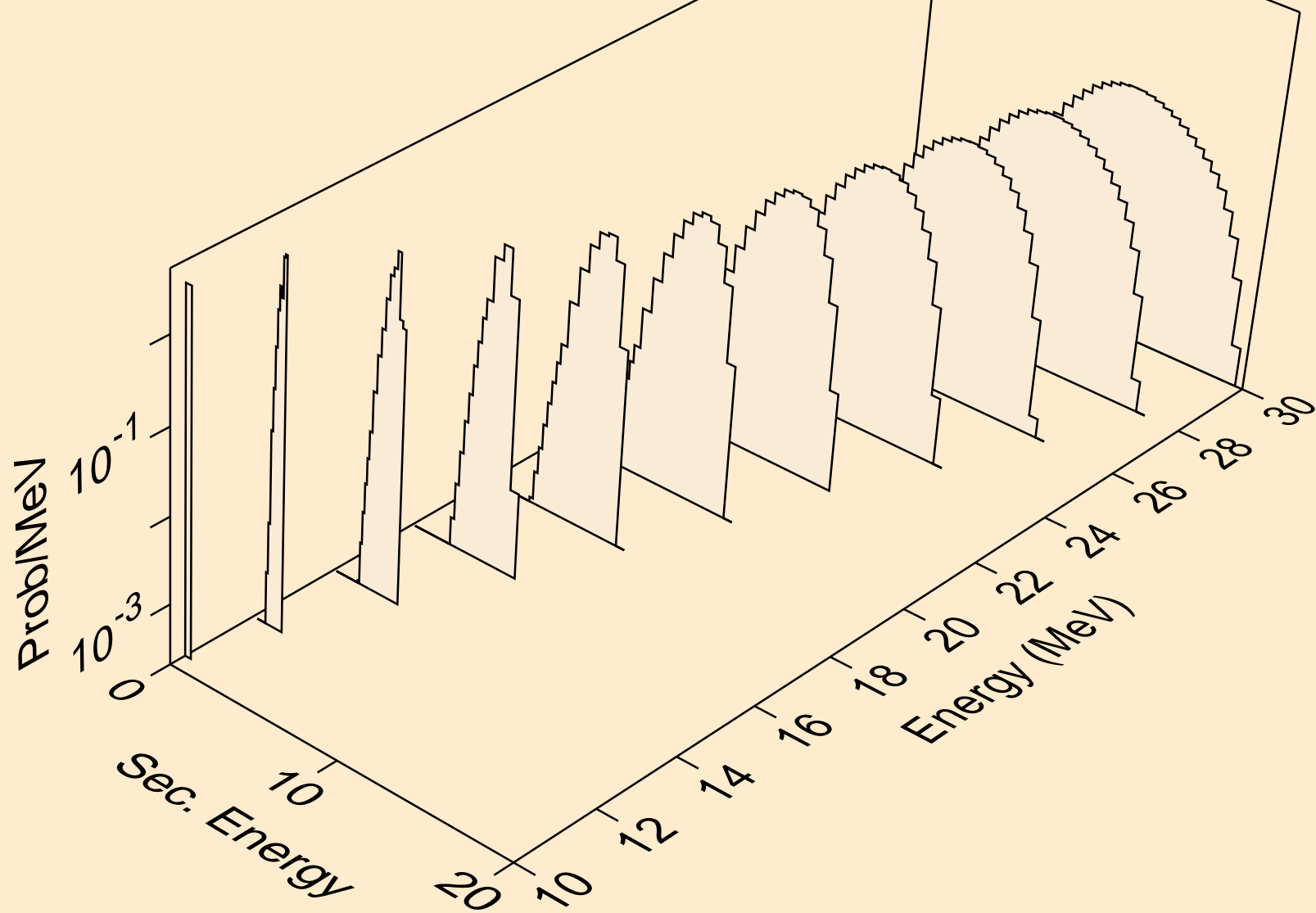
SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,x)



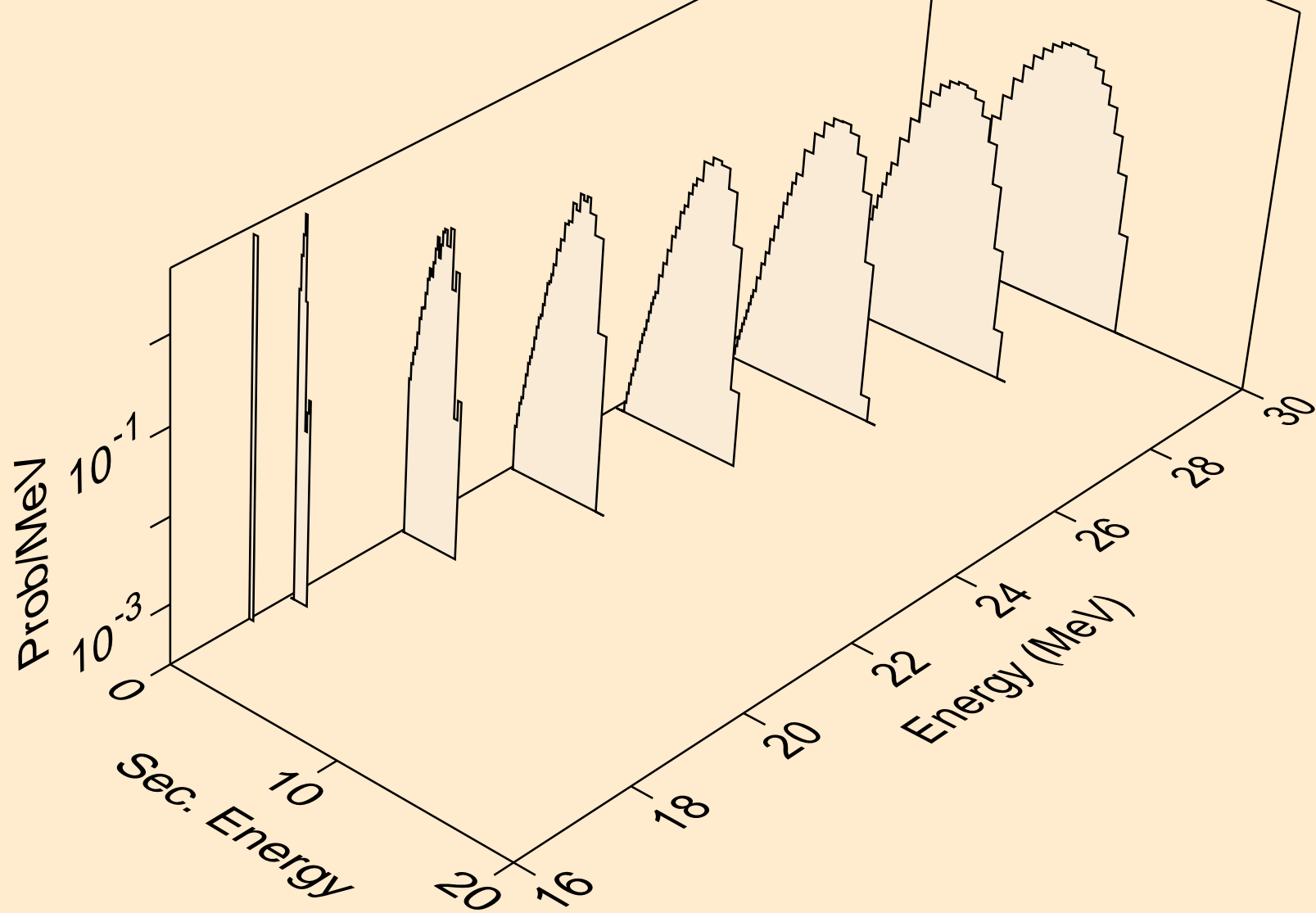
SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,n\*)p



SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2np)

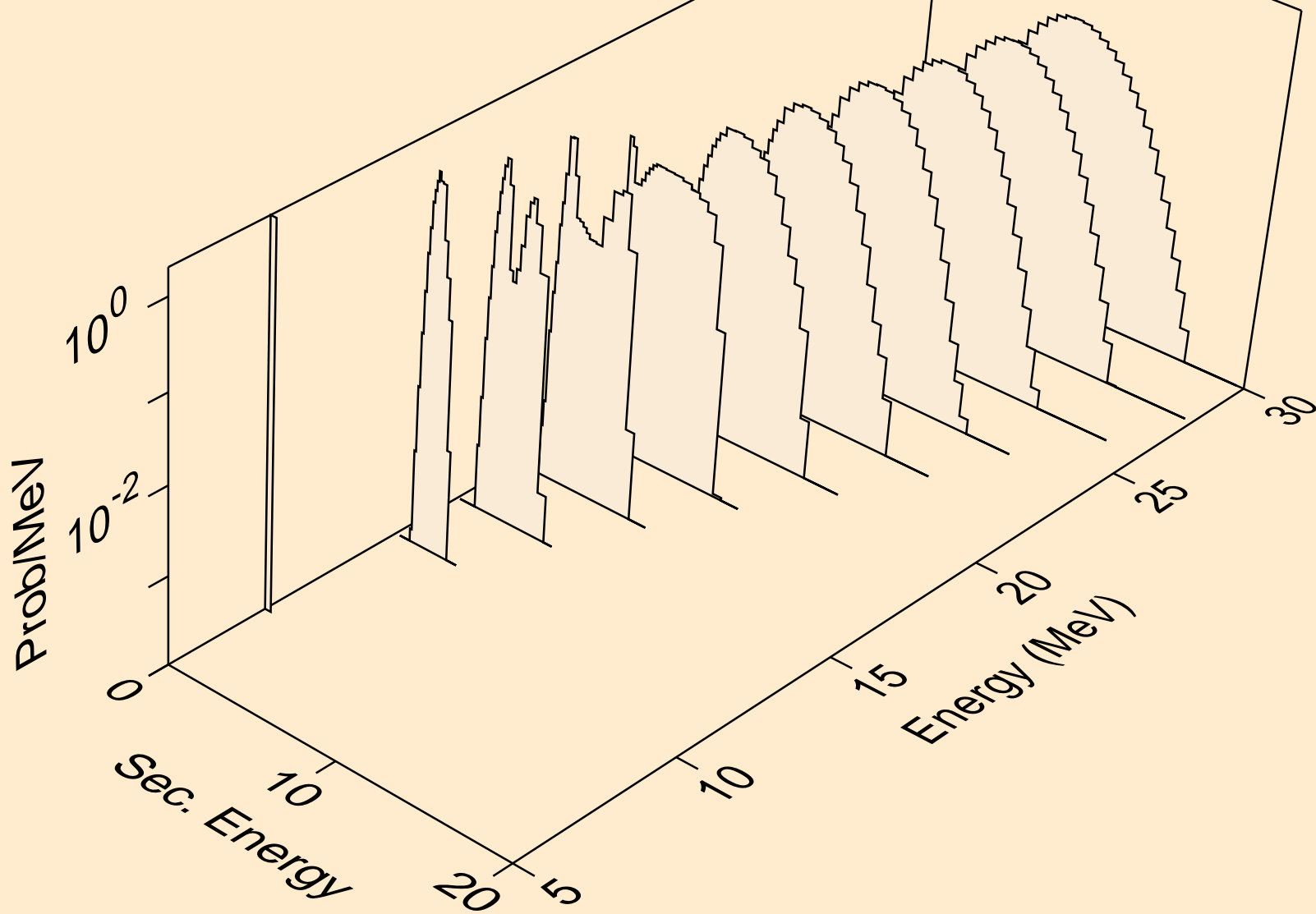


SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,3np)

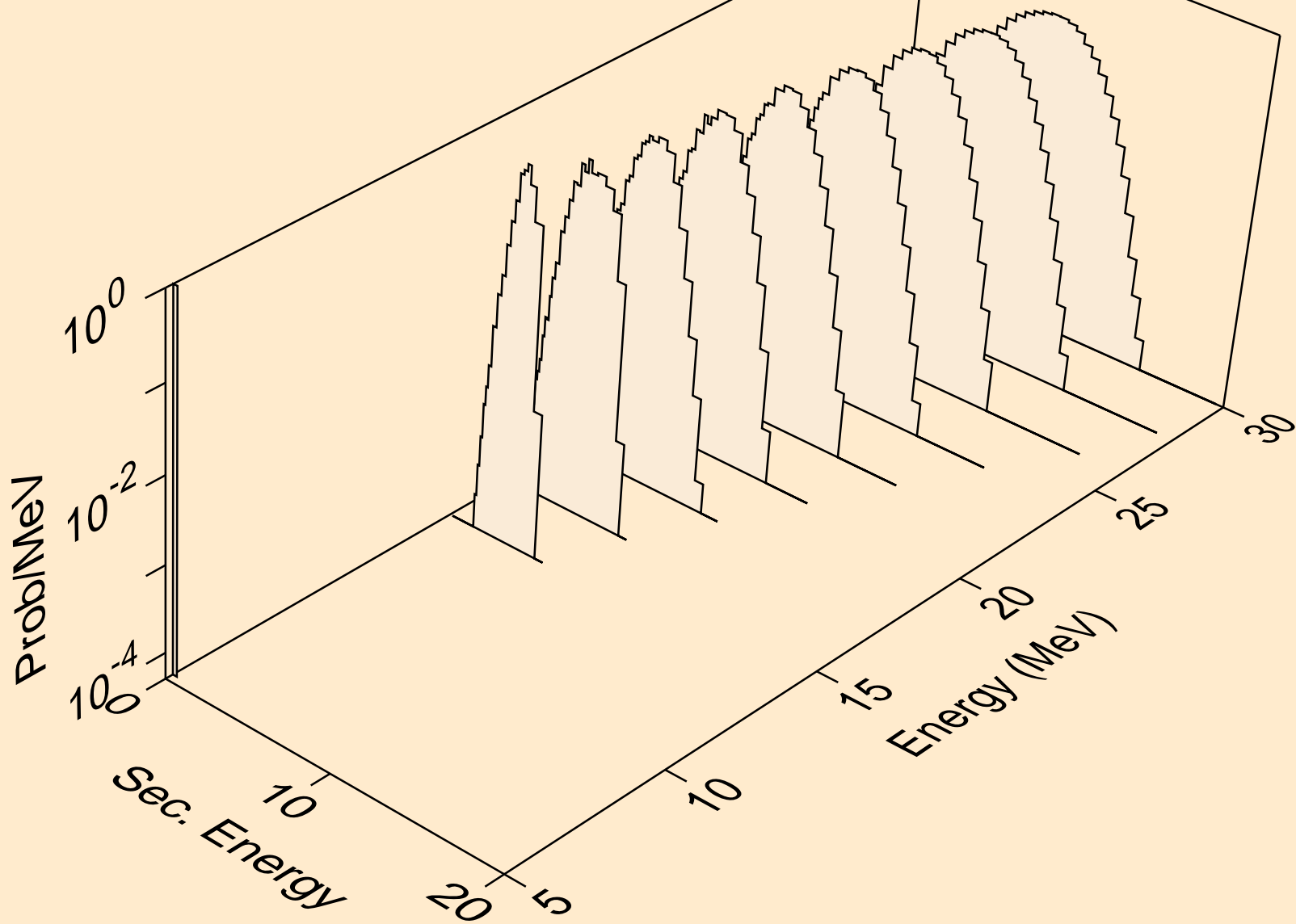




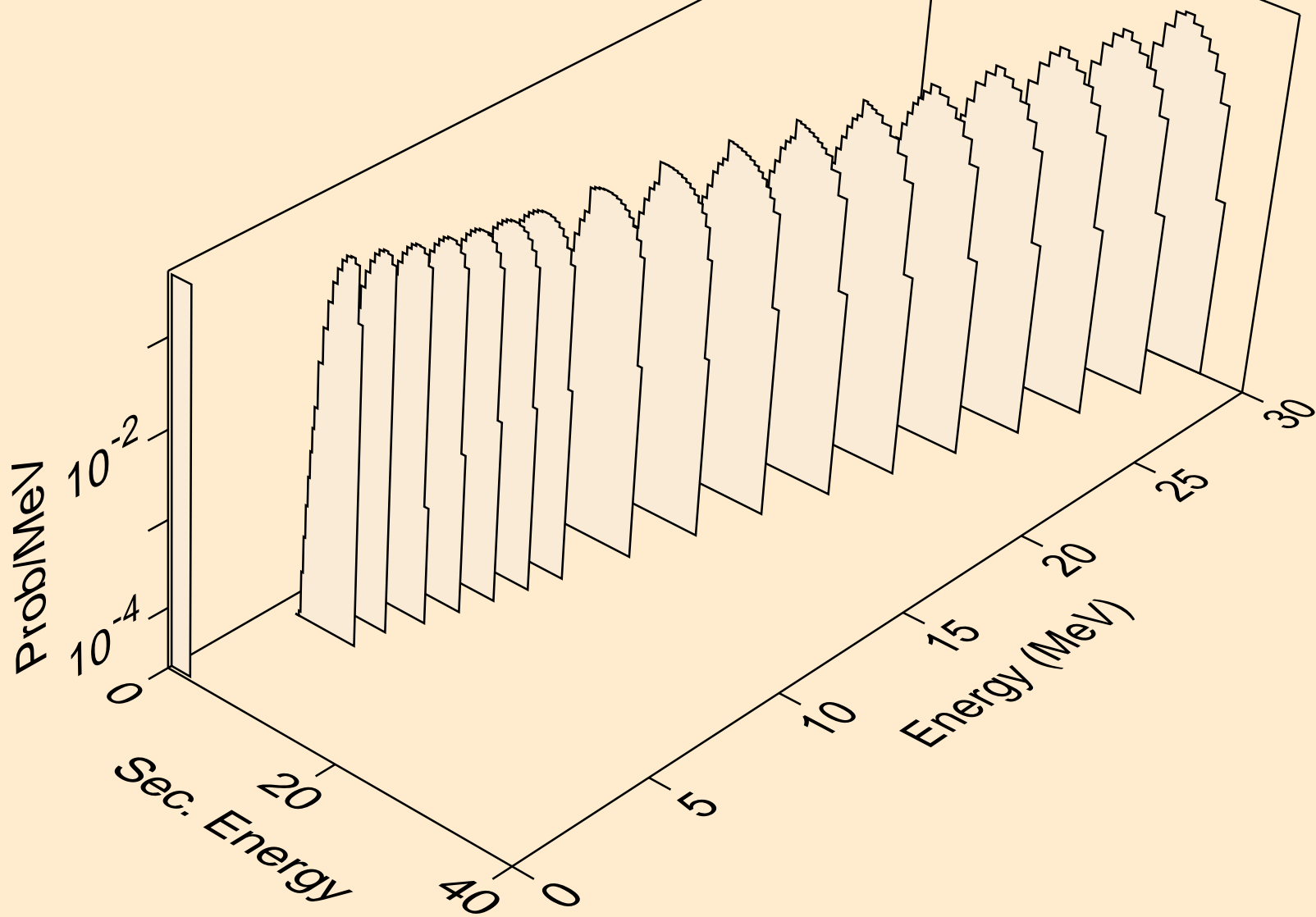
SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2np)



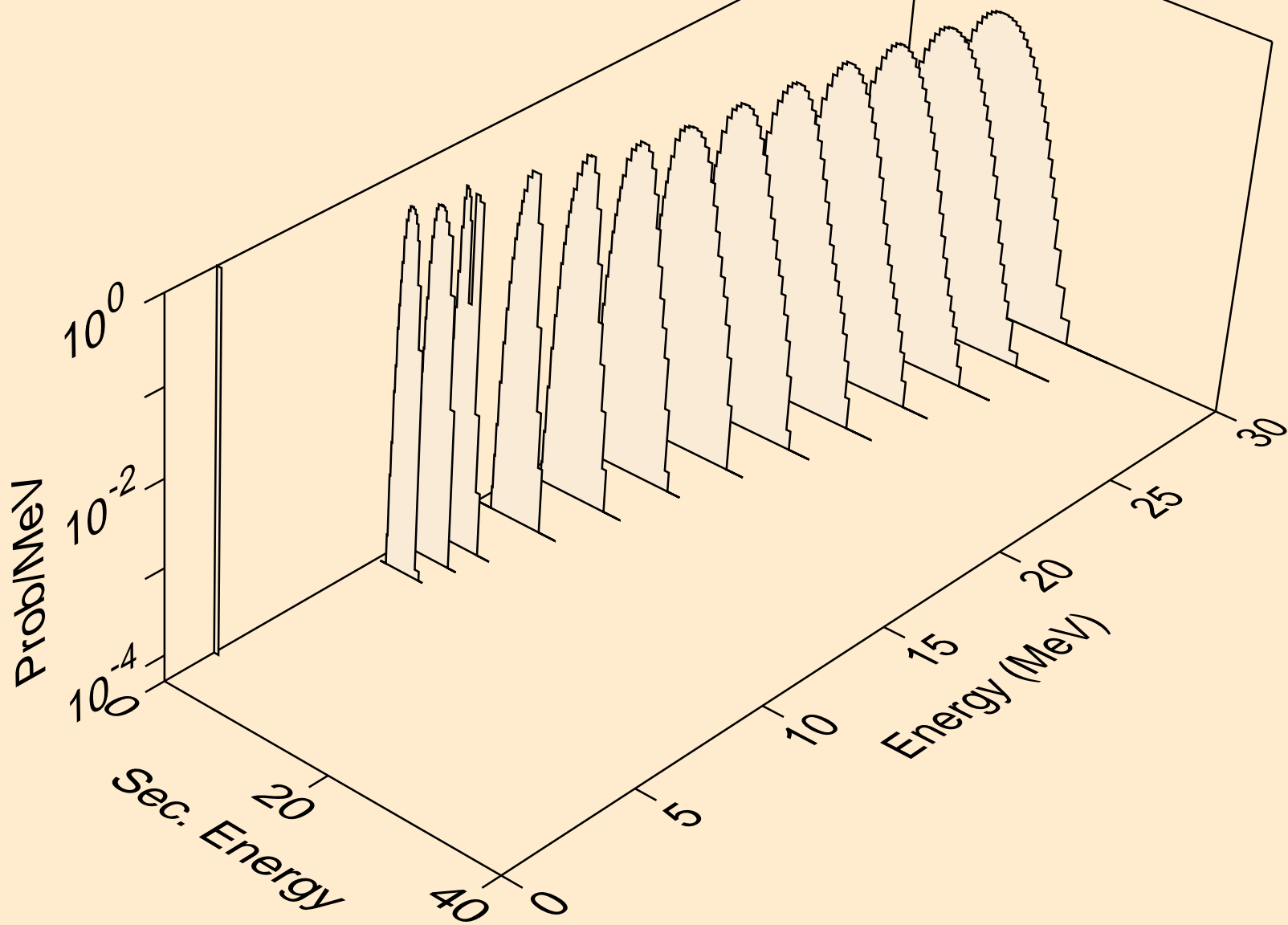
SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,npa)



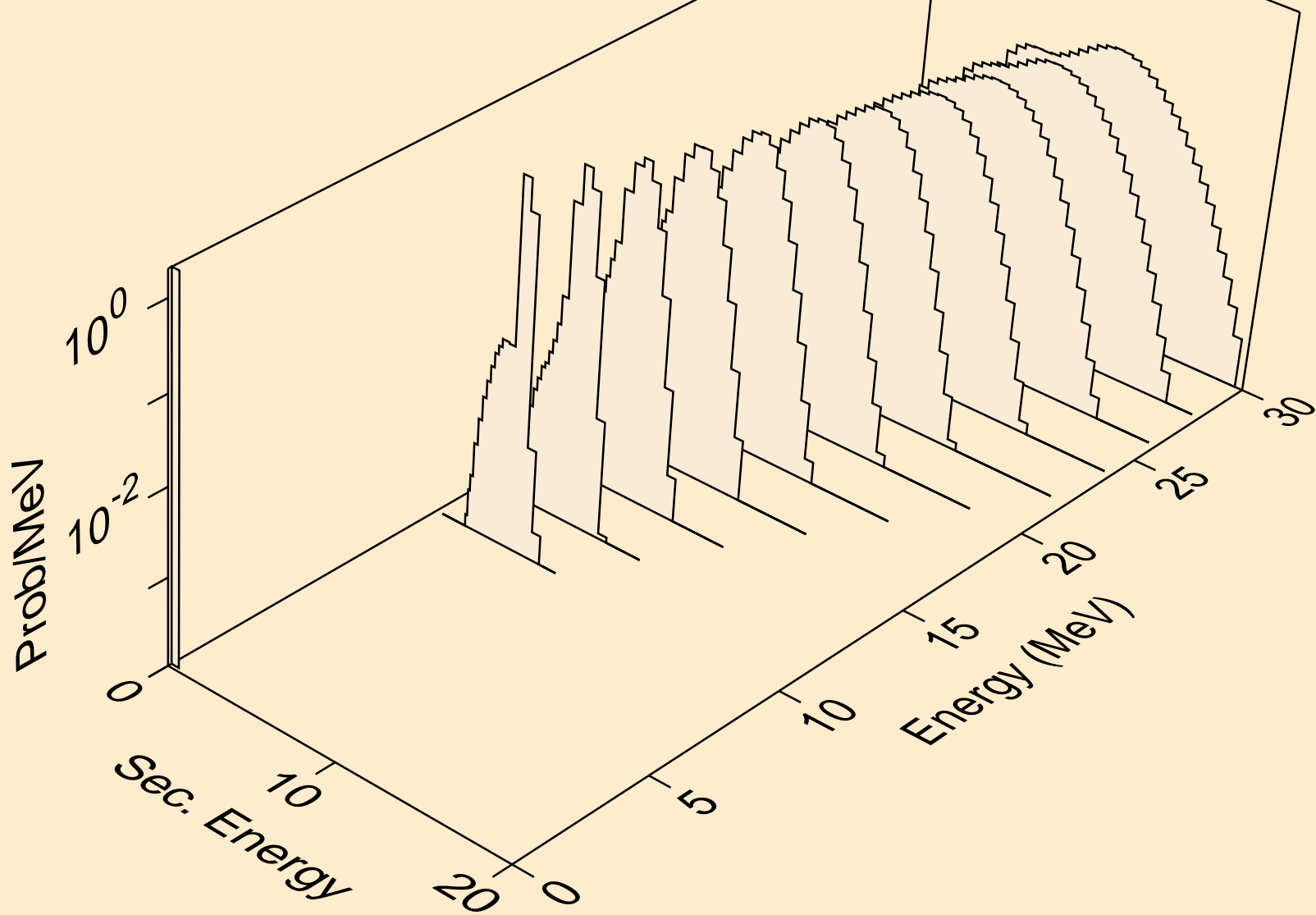
SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,p)



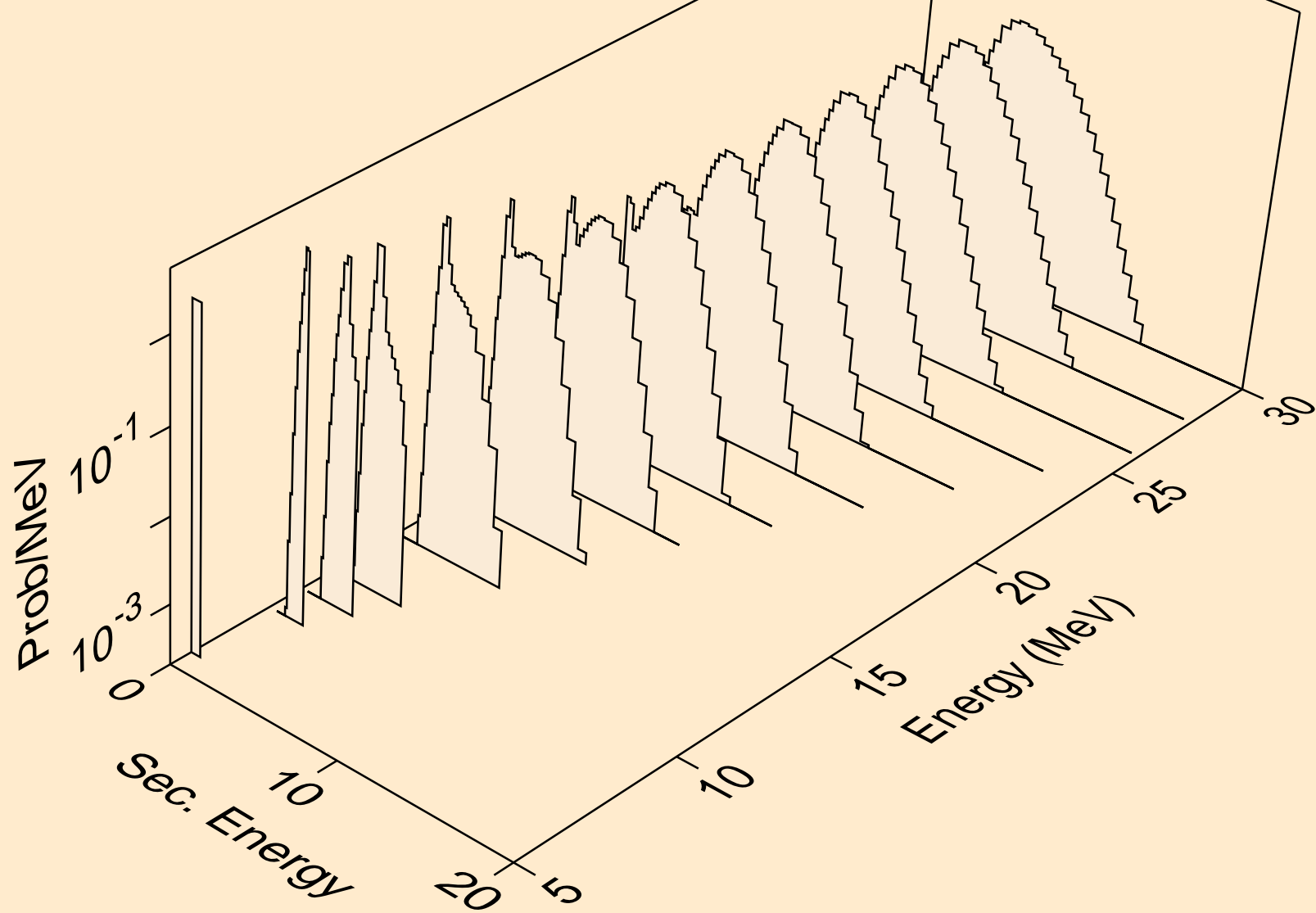
SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2p)



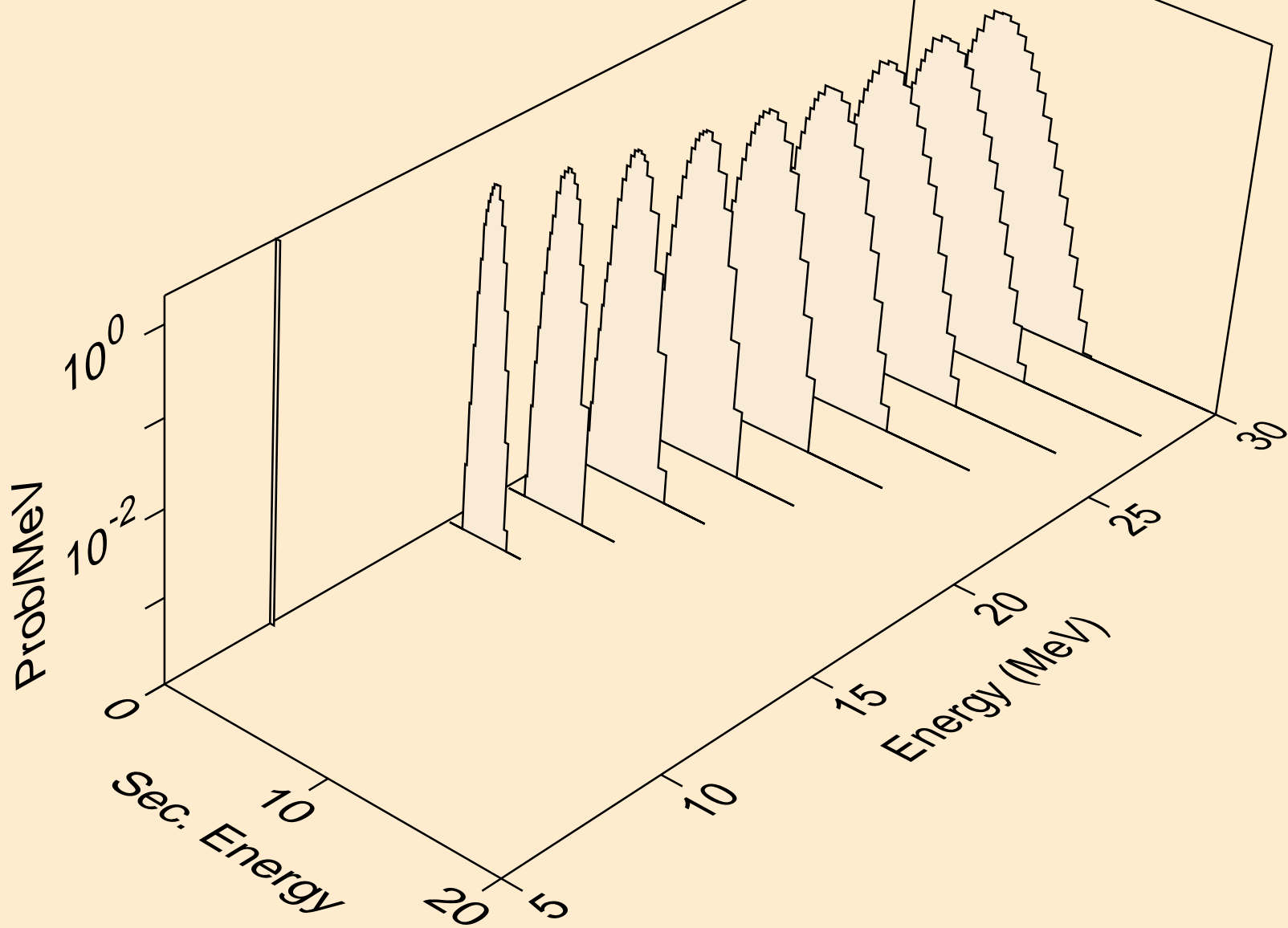
SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pa)



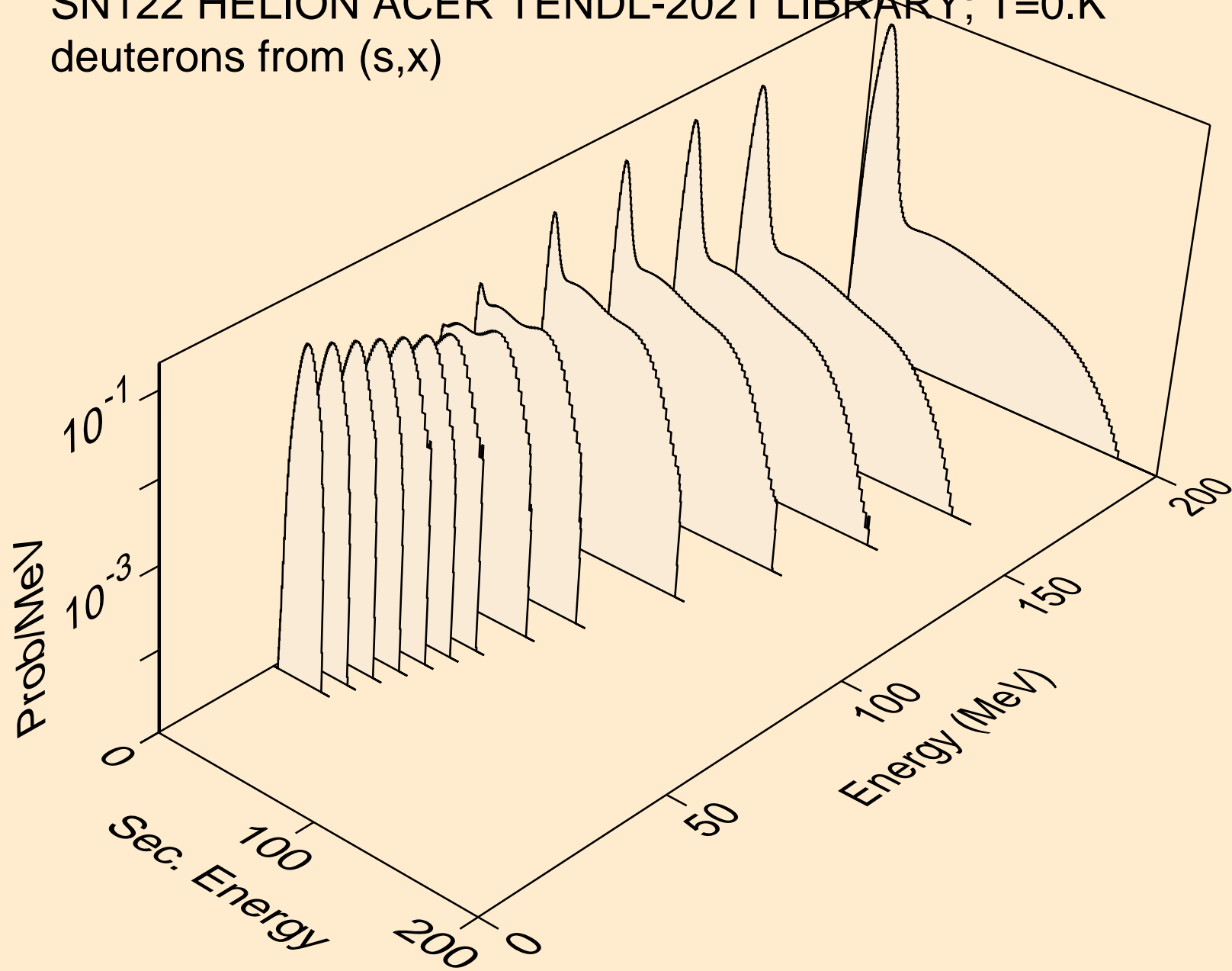
SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pd)



SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pt)

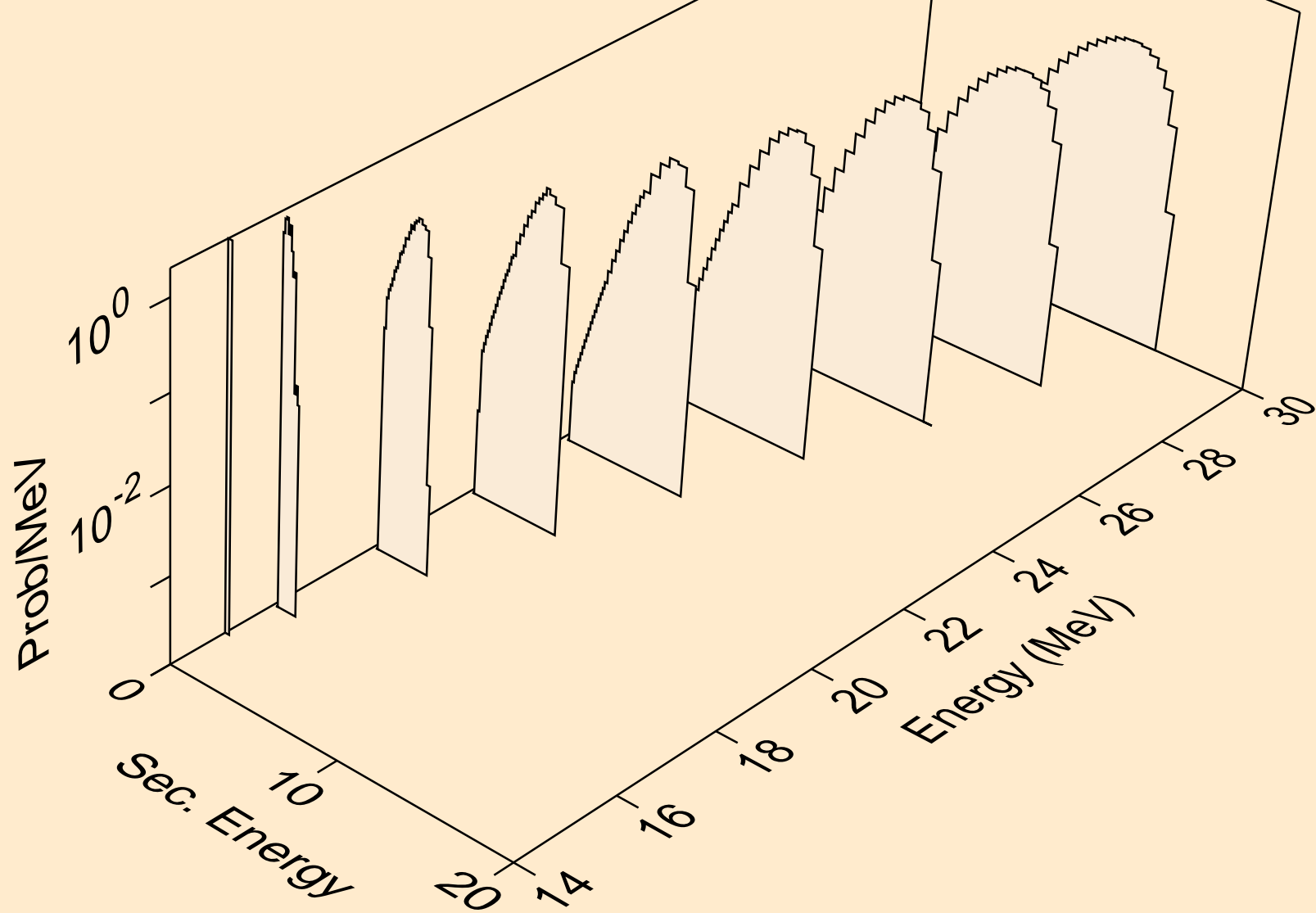


SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,x)

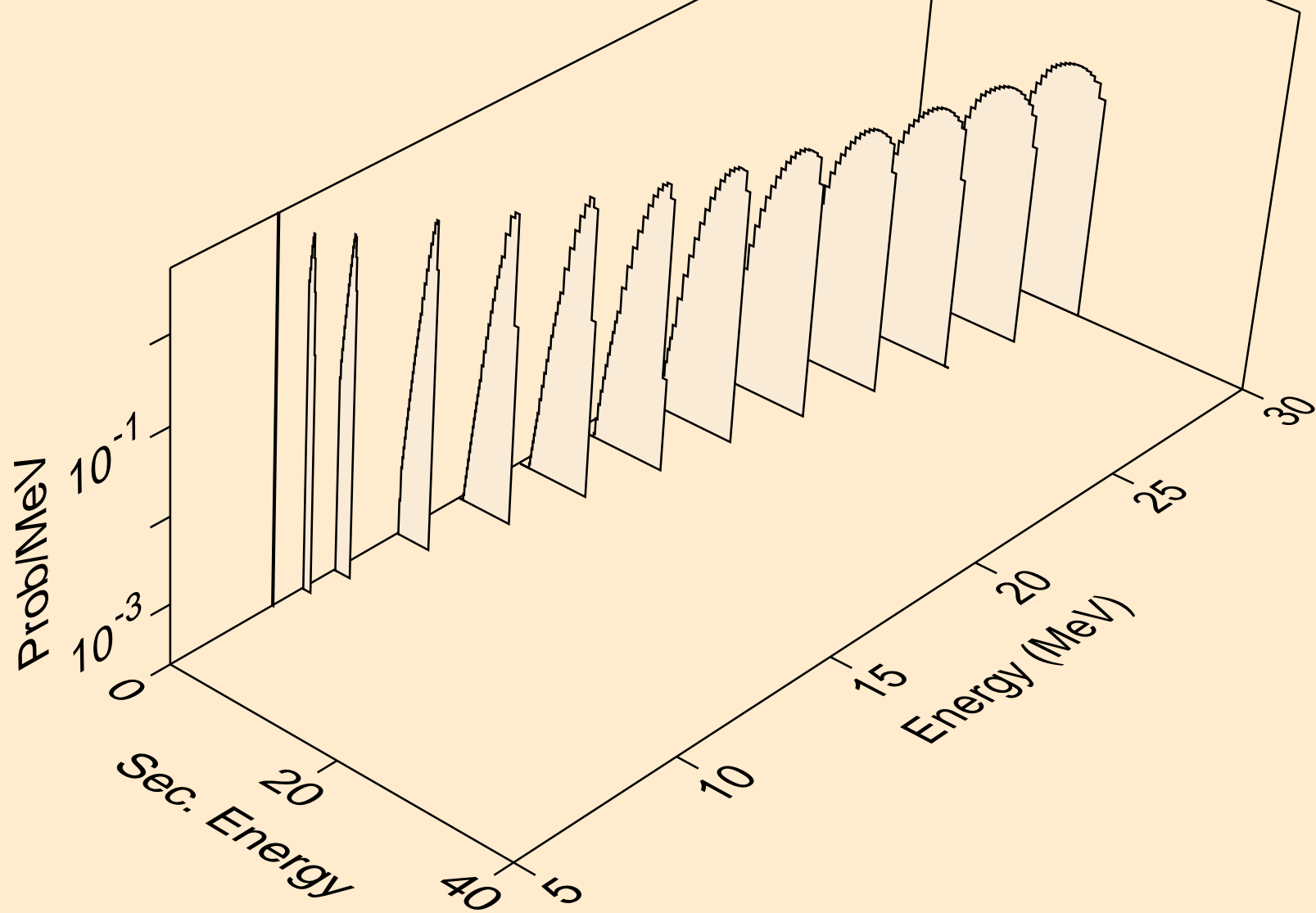




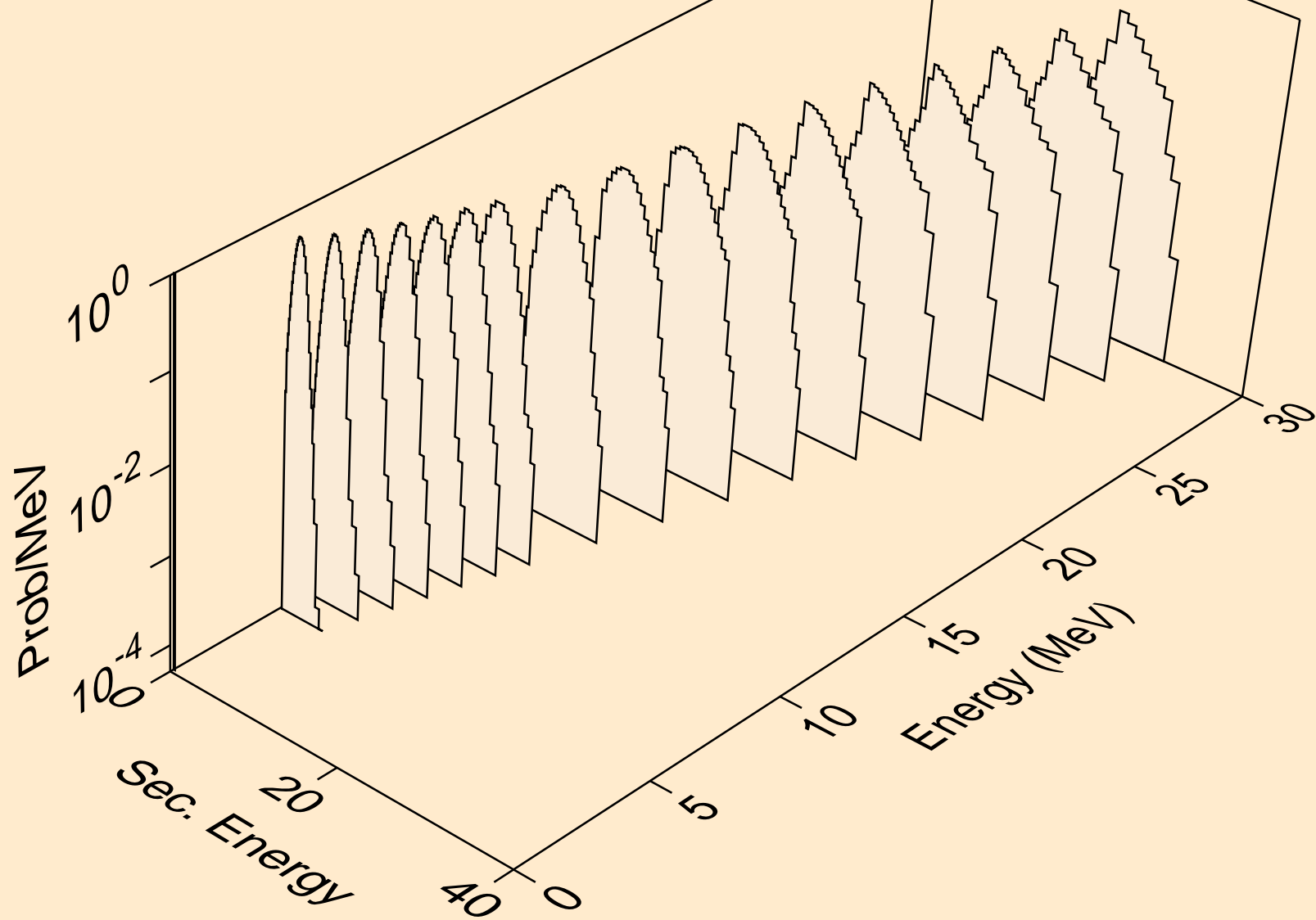
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deuterons from (s,2nd)



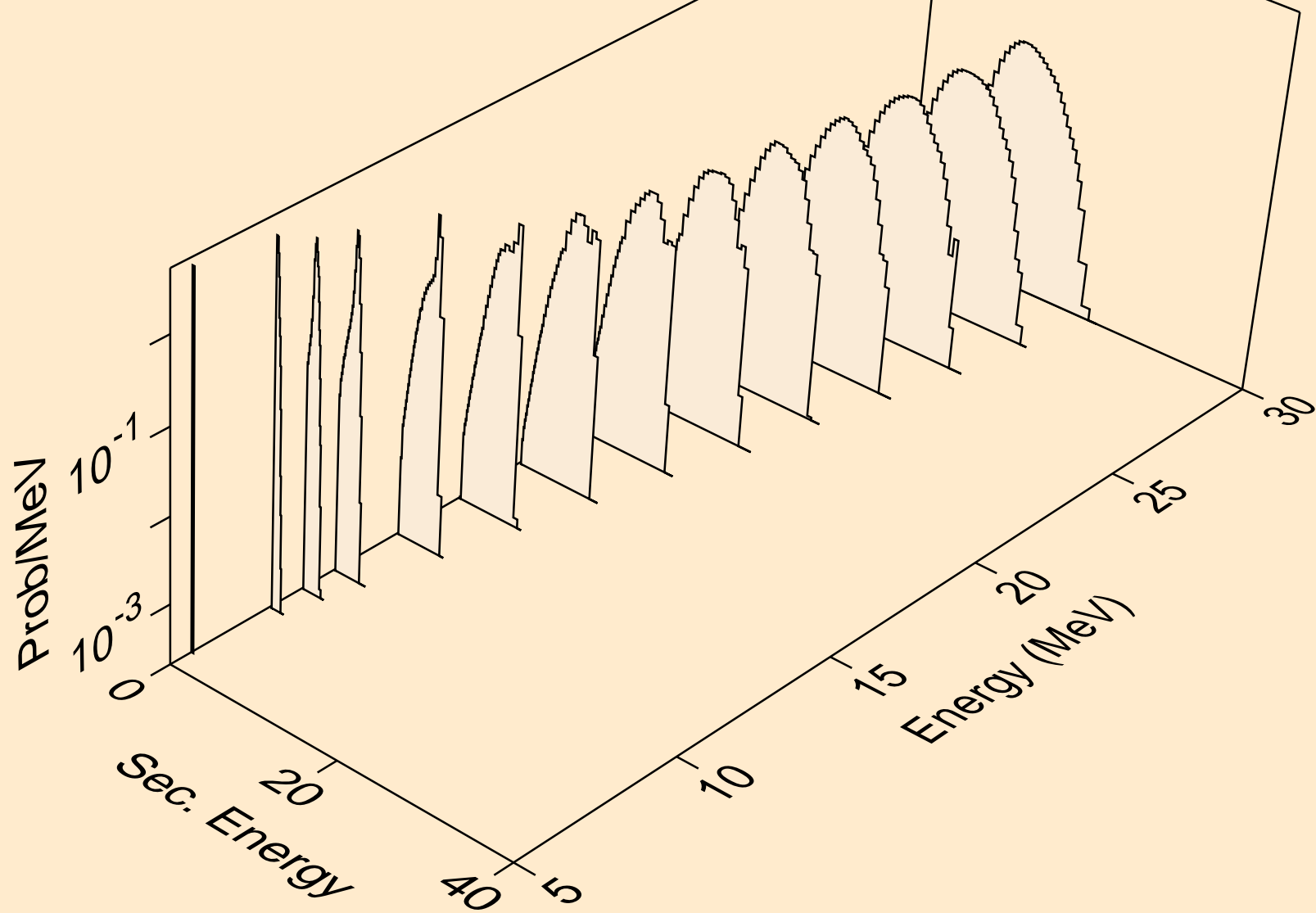
SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,n\*)d



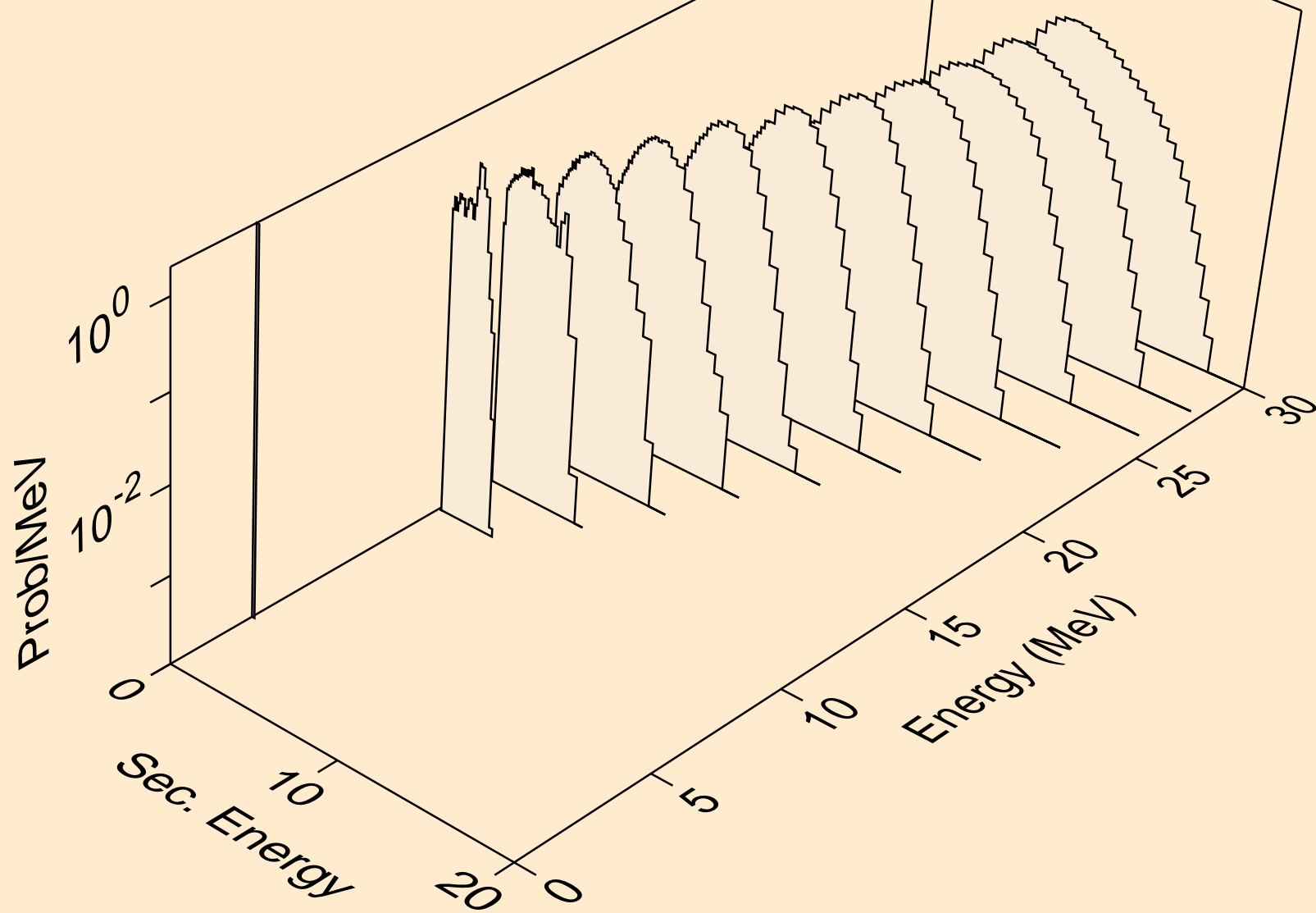
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deuterons from (s,d)



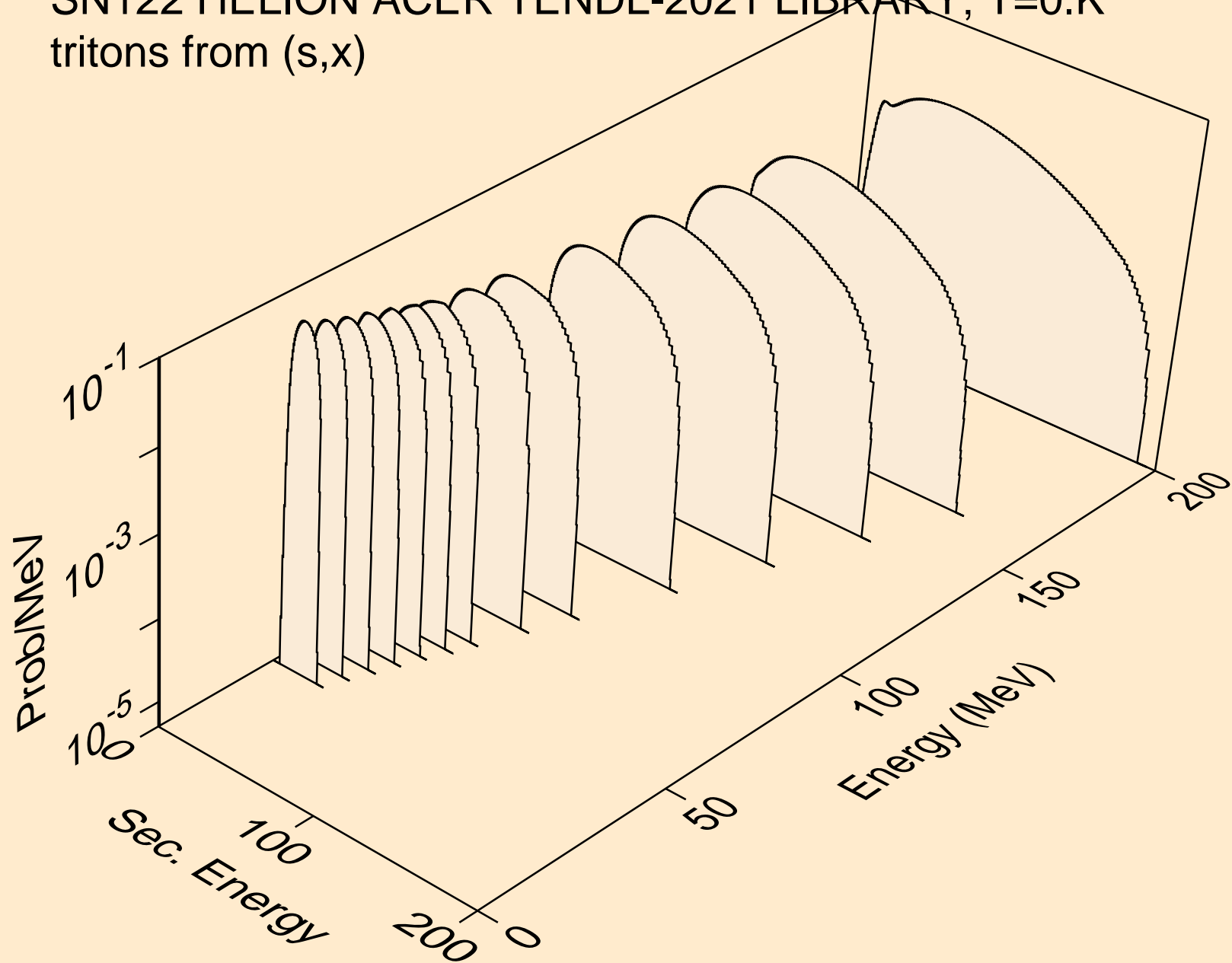
SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,pd)



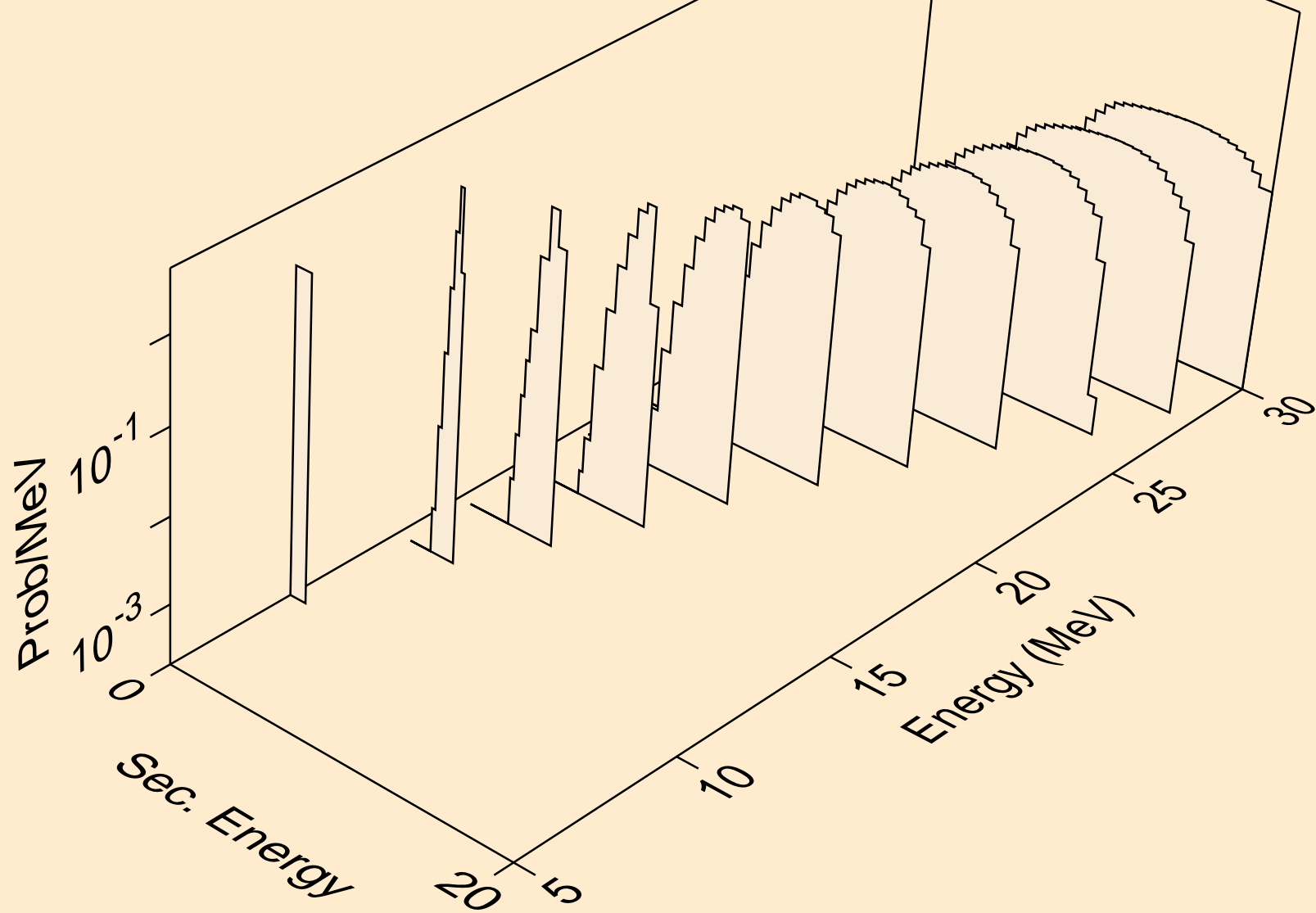
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deuterons from (s,da)



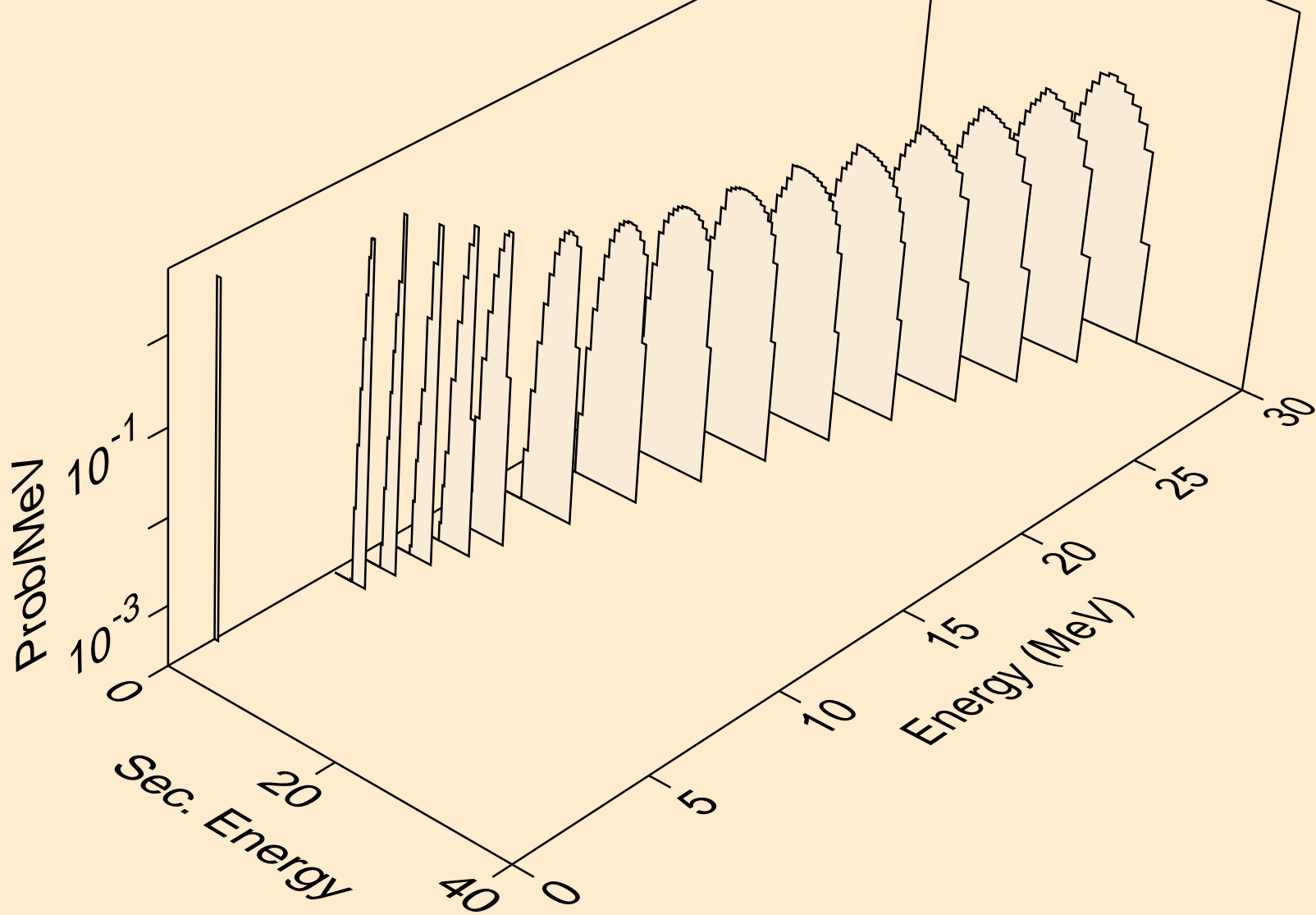
SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,x)



SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,n\*)t

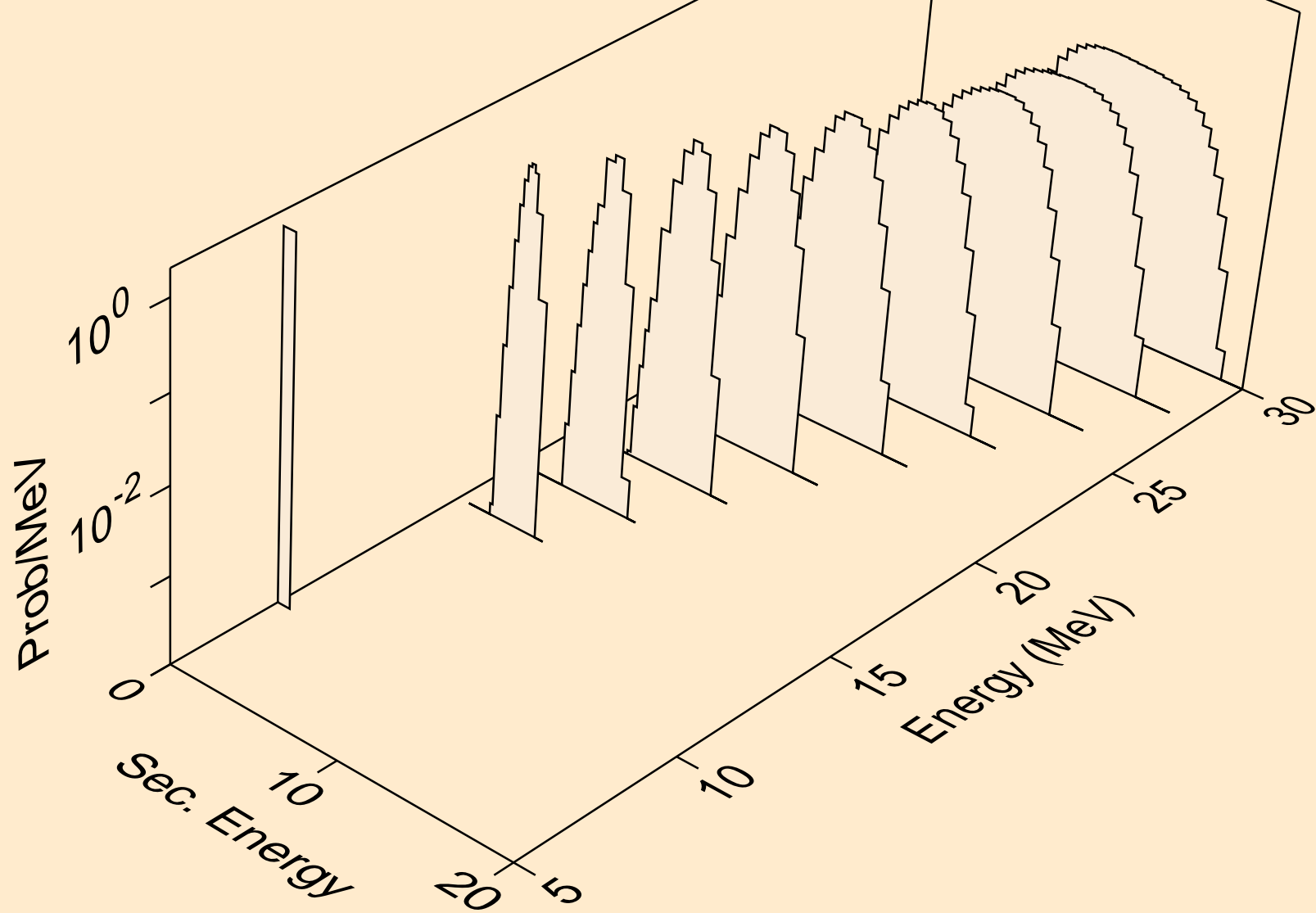


SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,t)

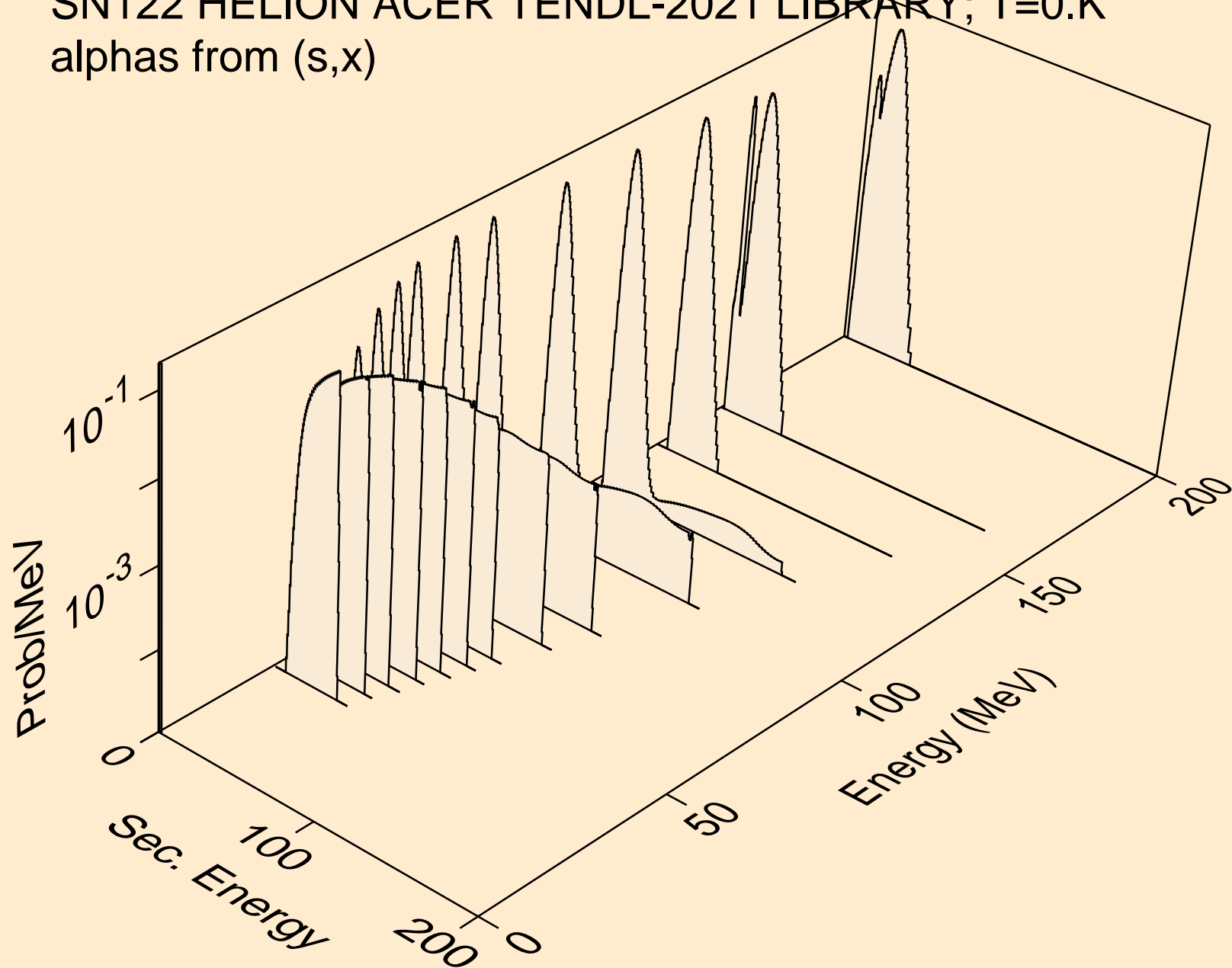




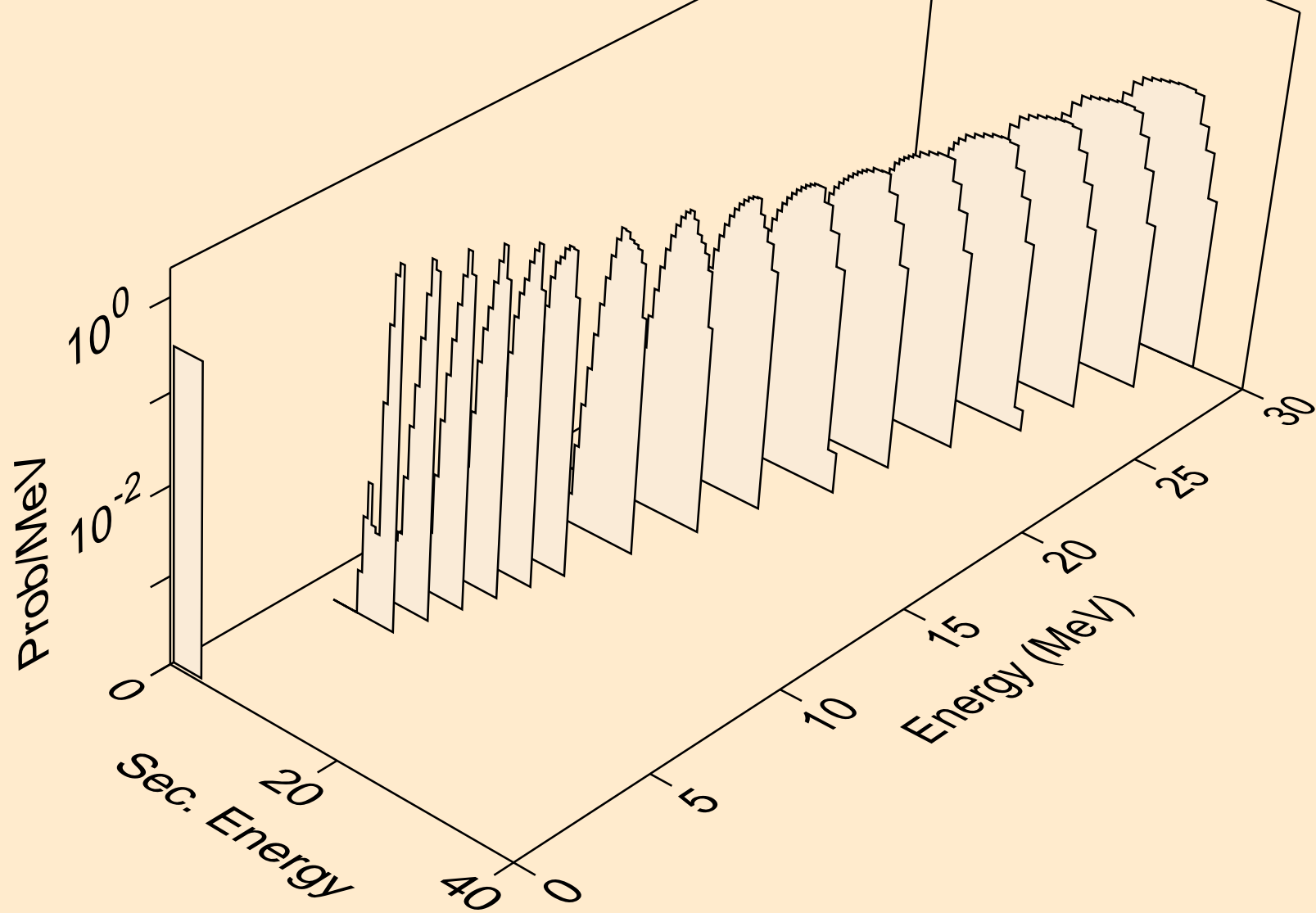
SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,pt)



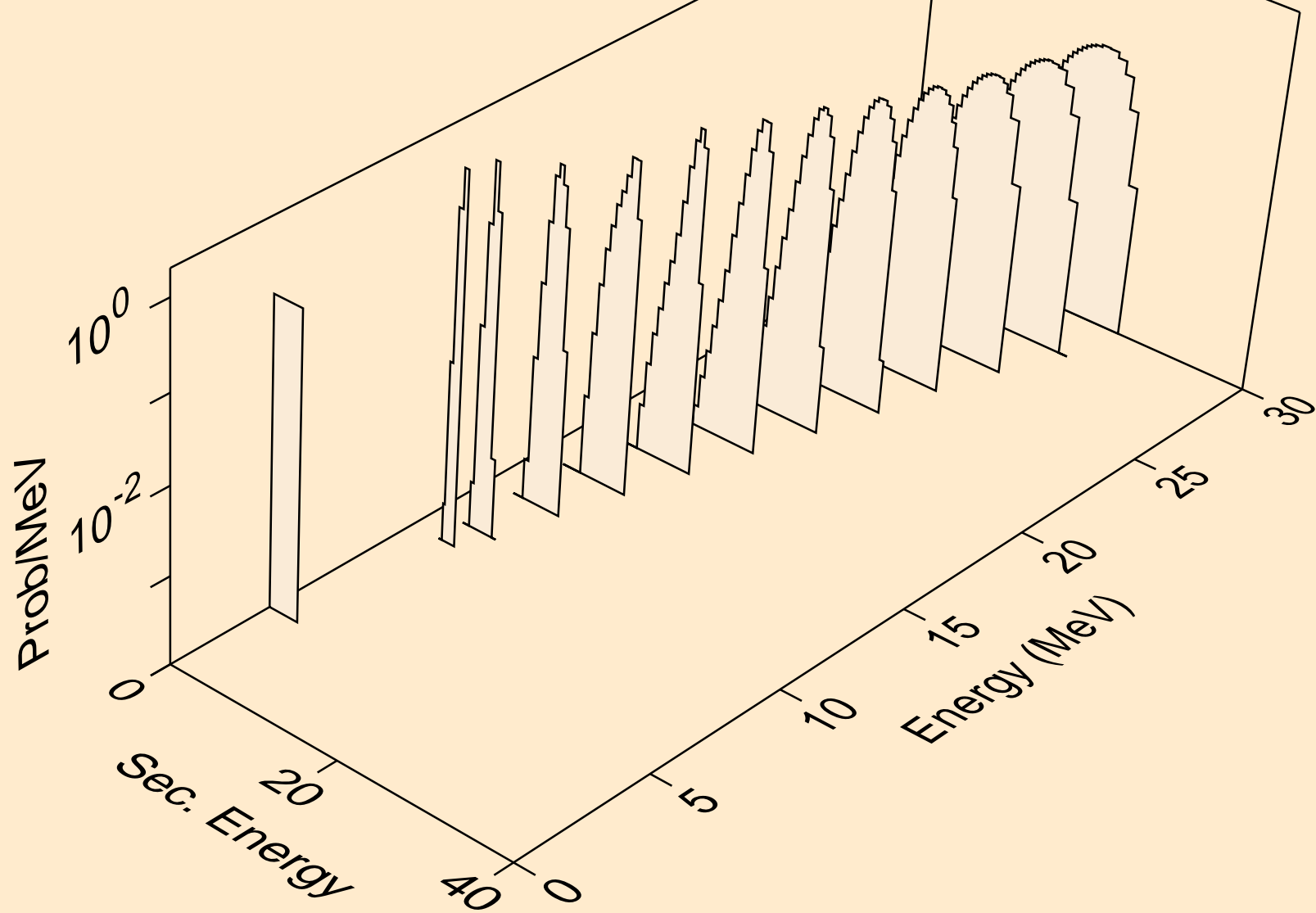
SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,x)



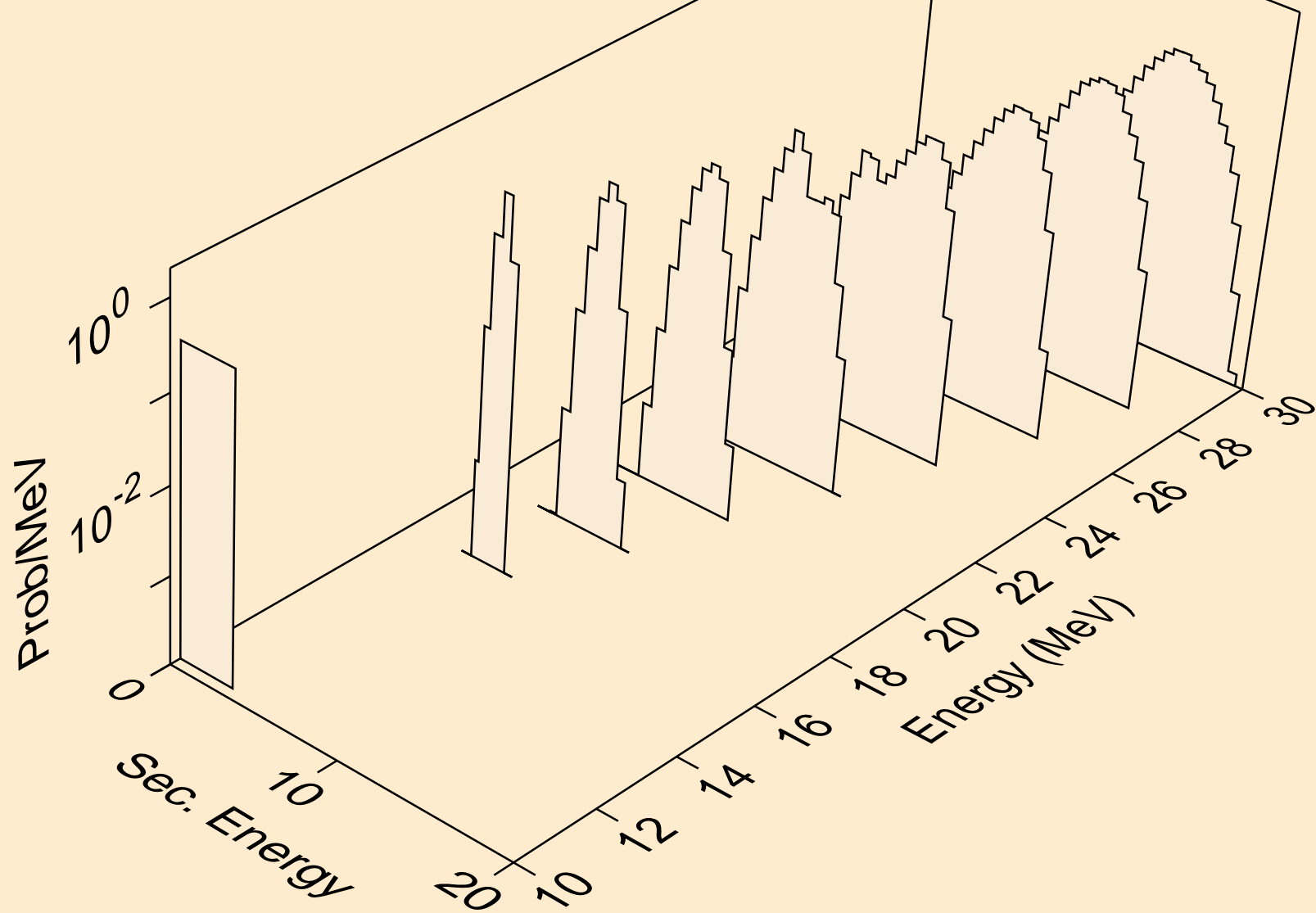
SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)a



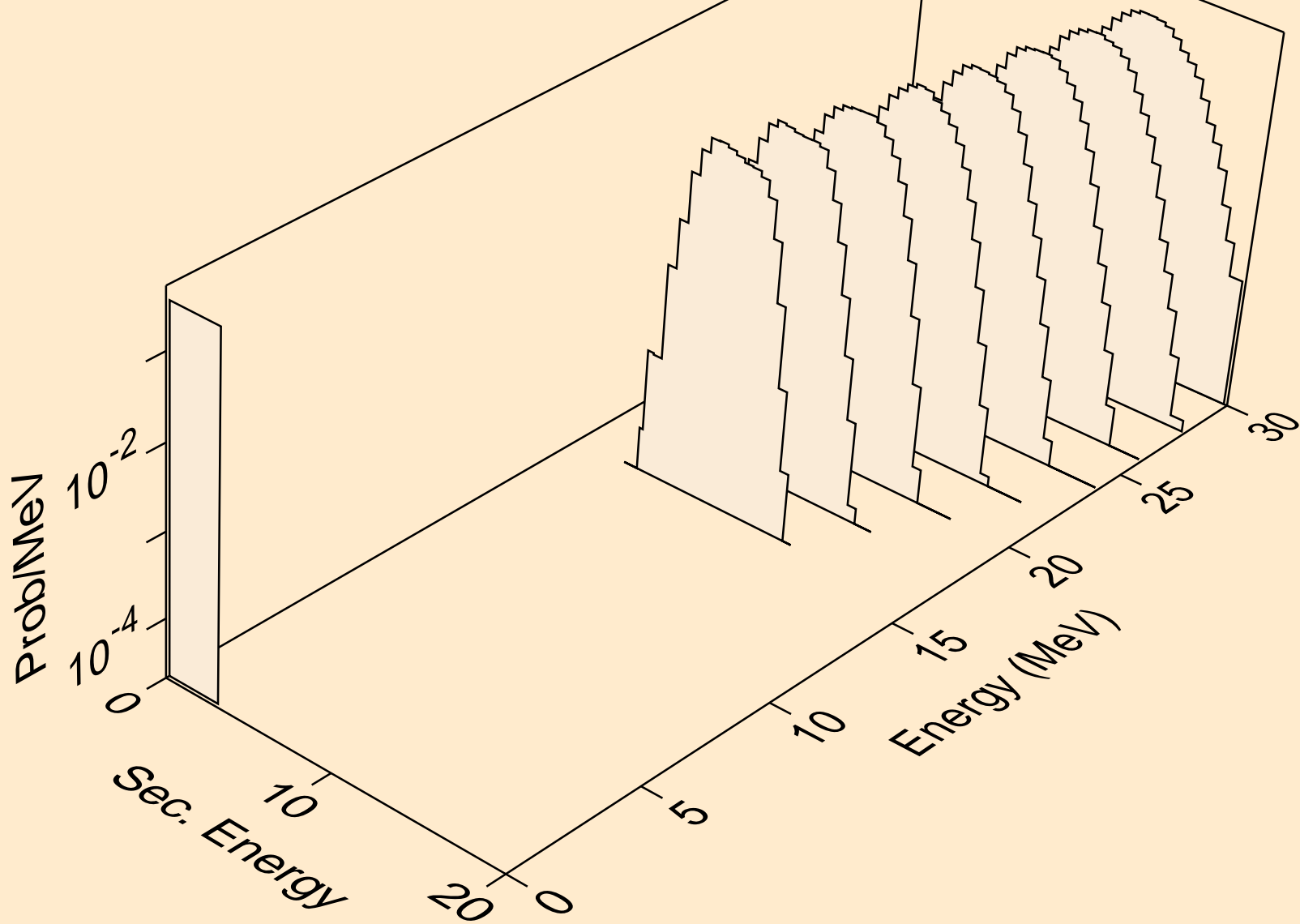
SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2n)a



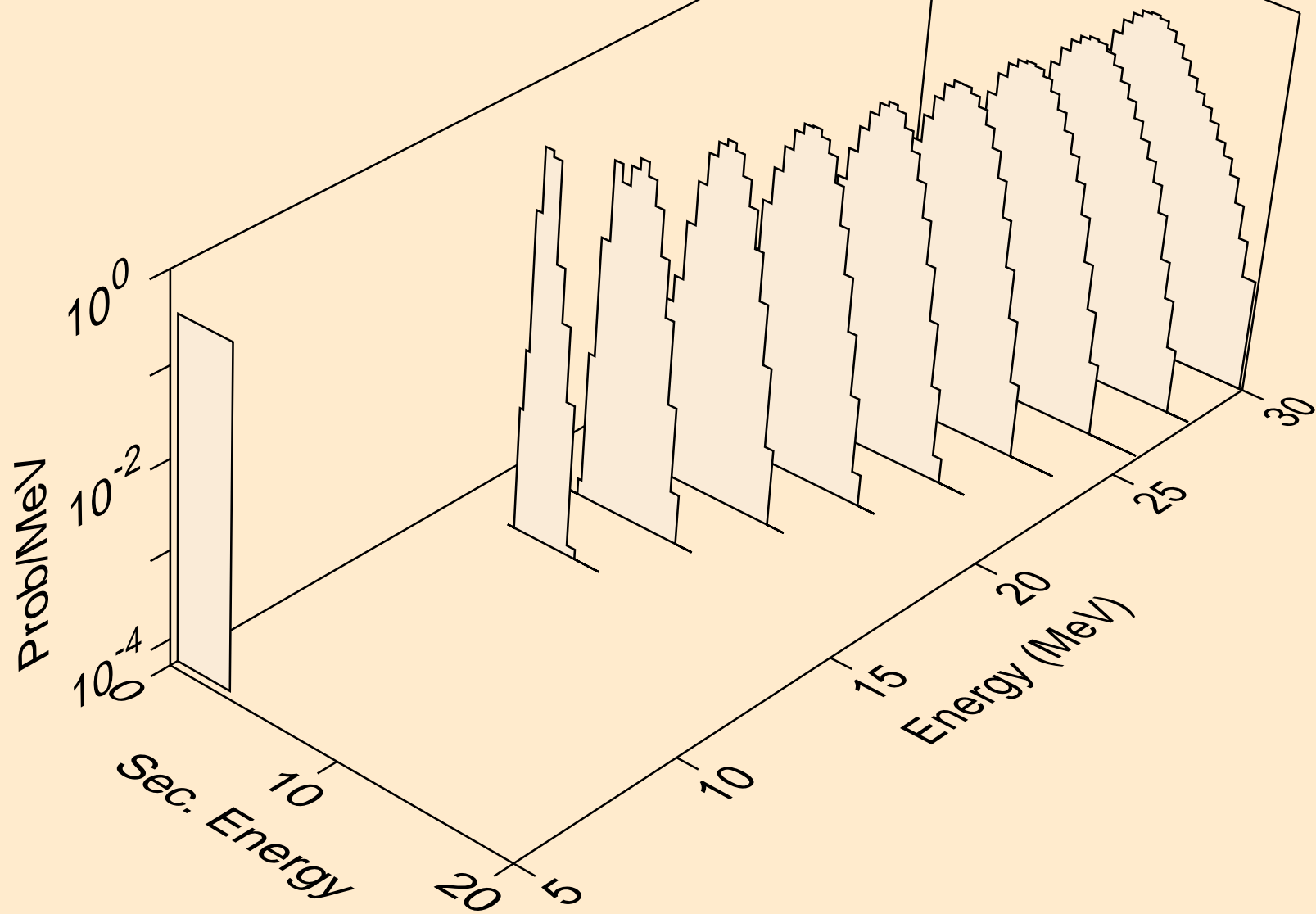
SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,3n)a



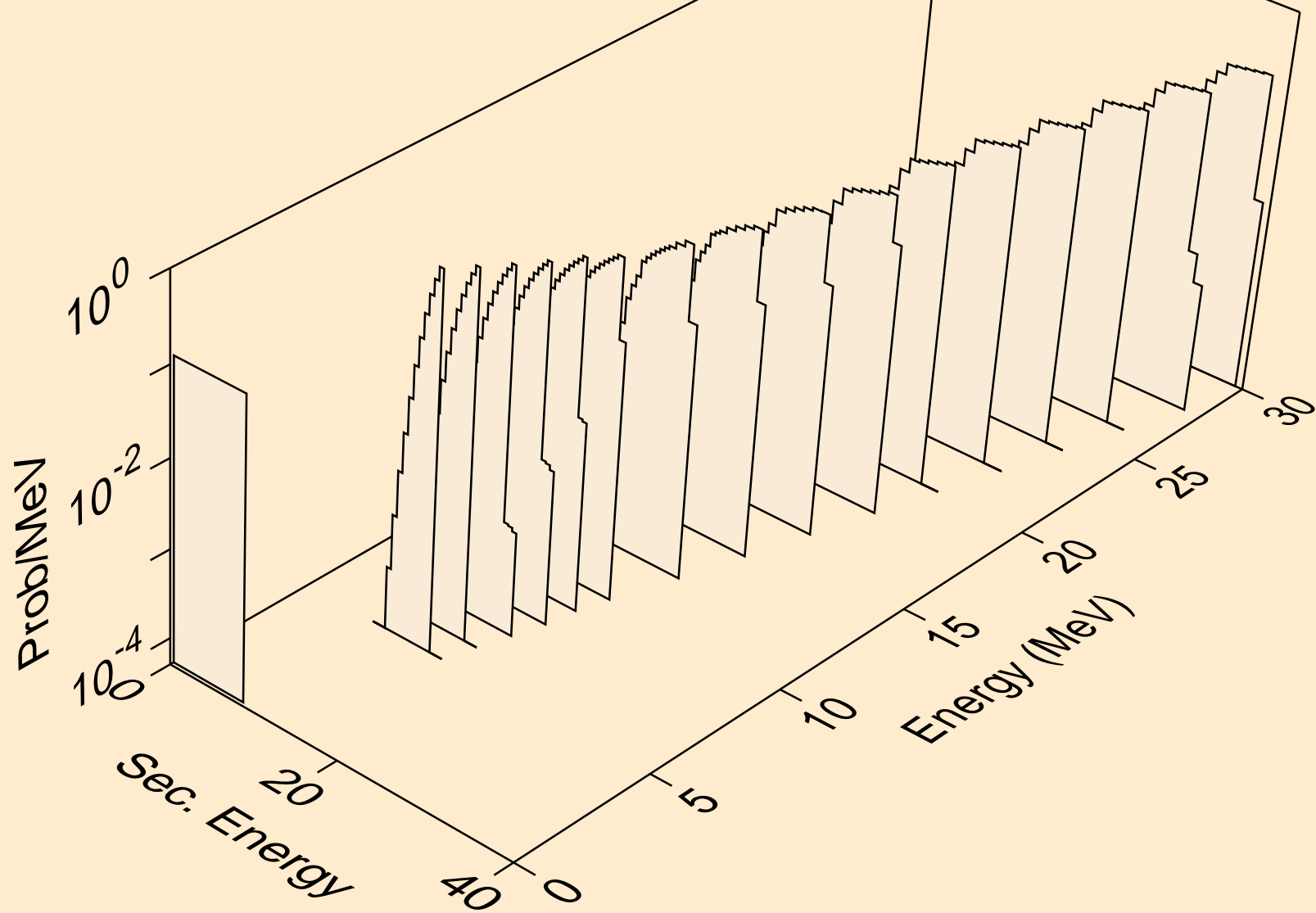
SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)2a



SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,npa)

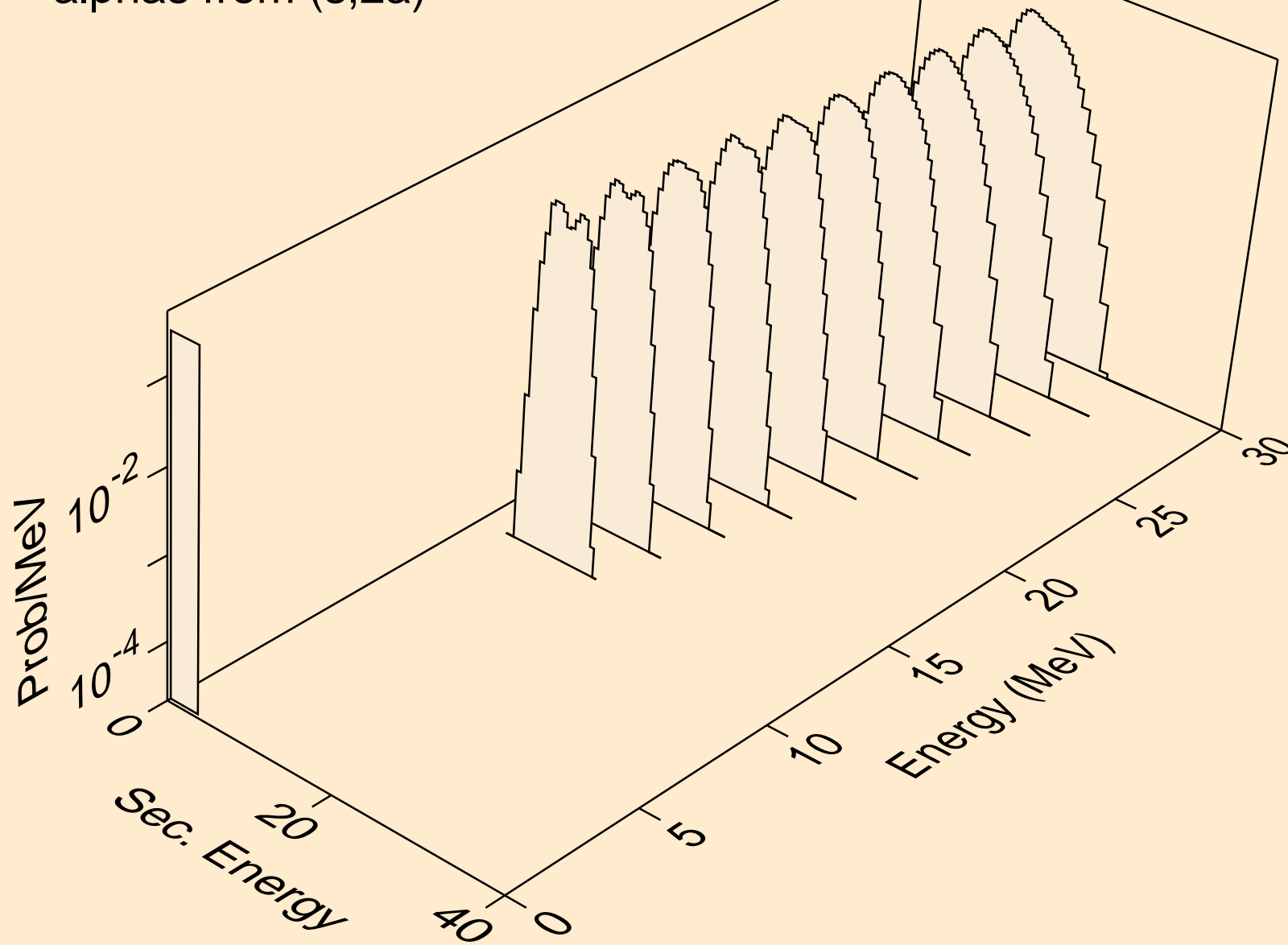


SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,a)

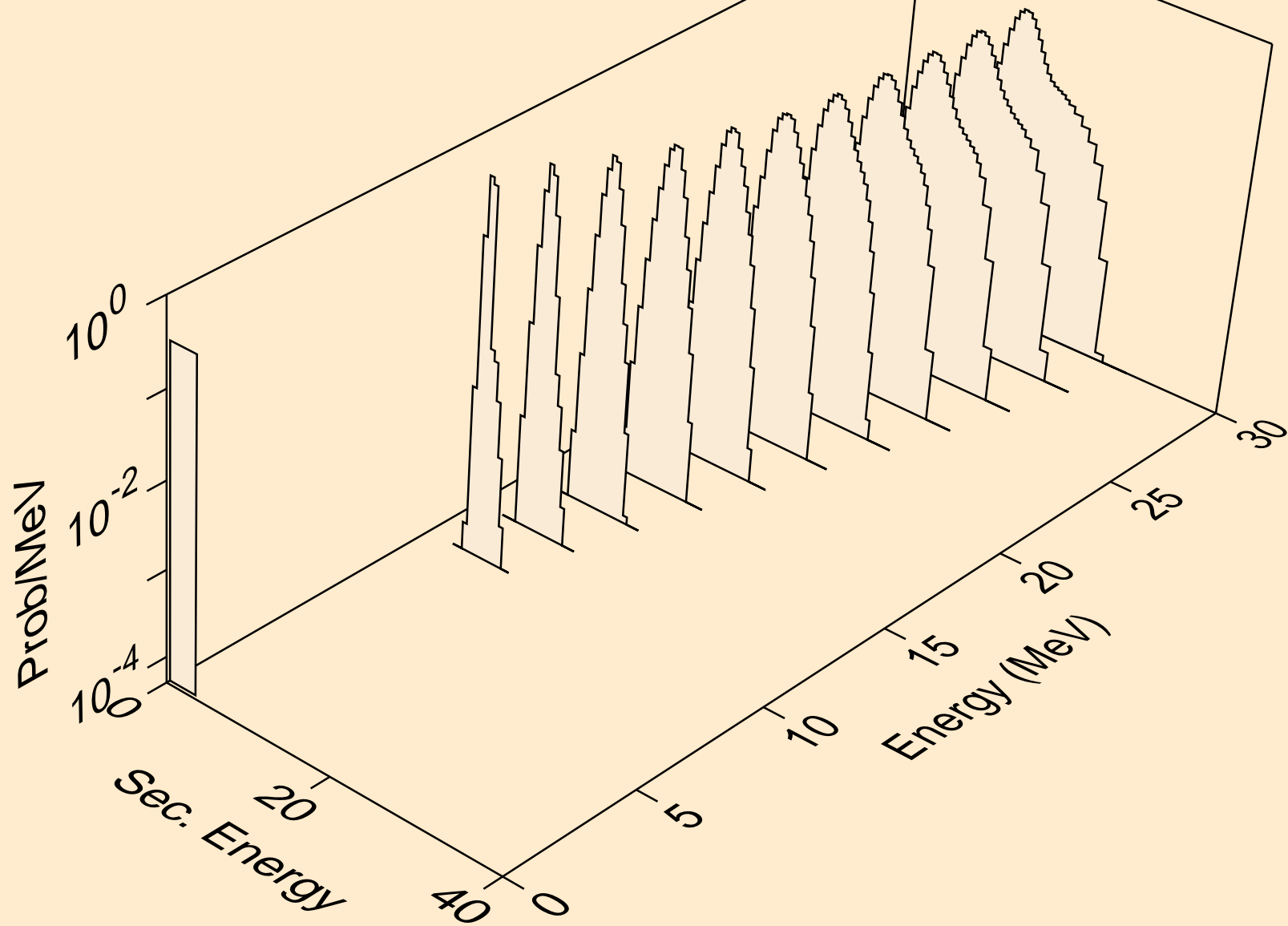




SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2a)



SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,pa)



SN122 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,da)

