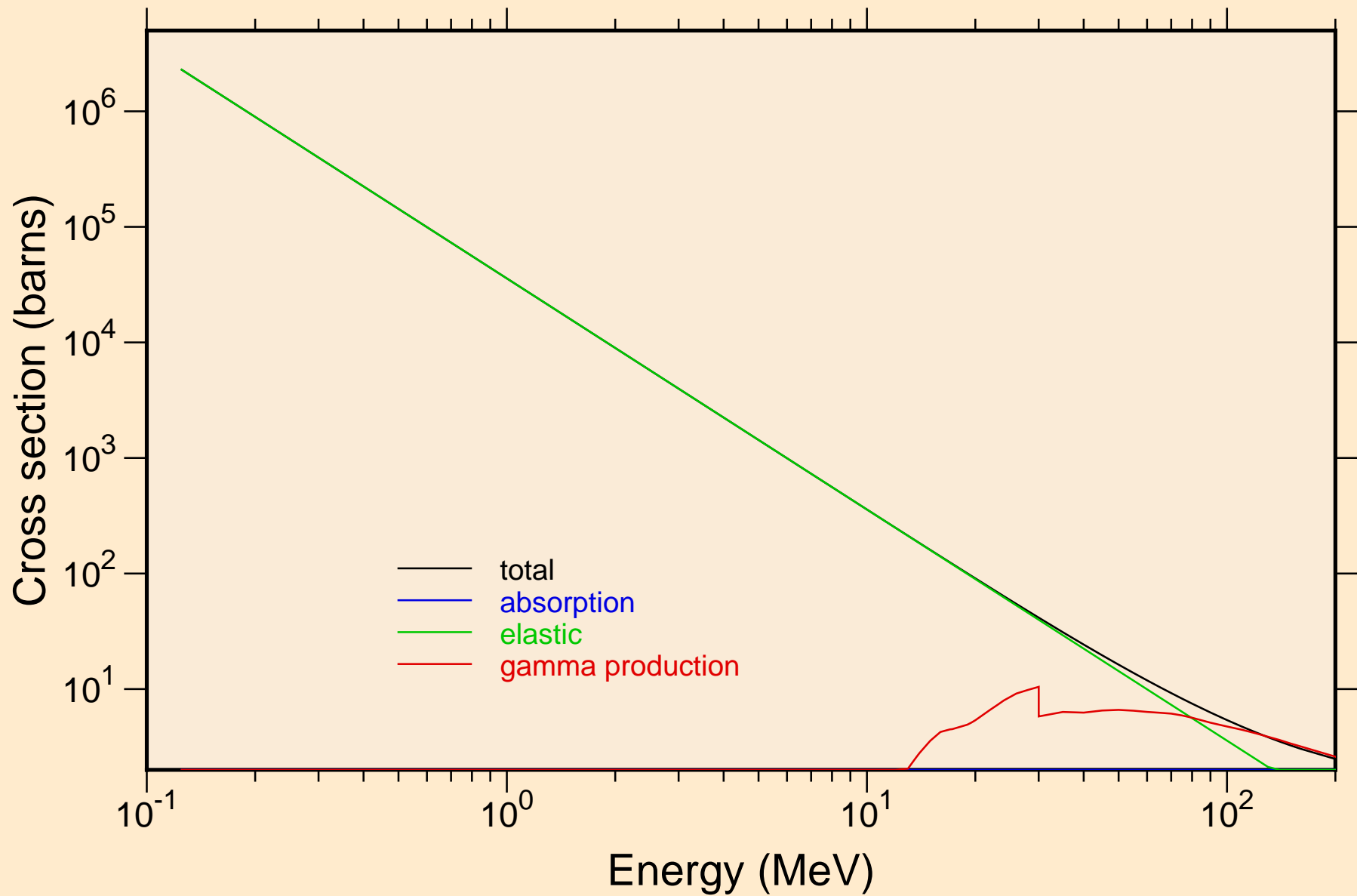


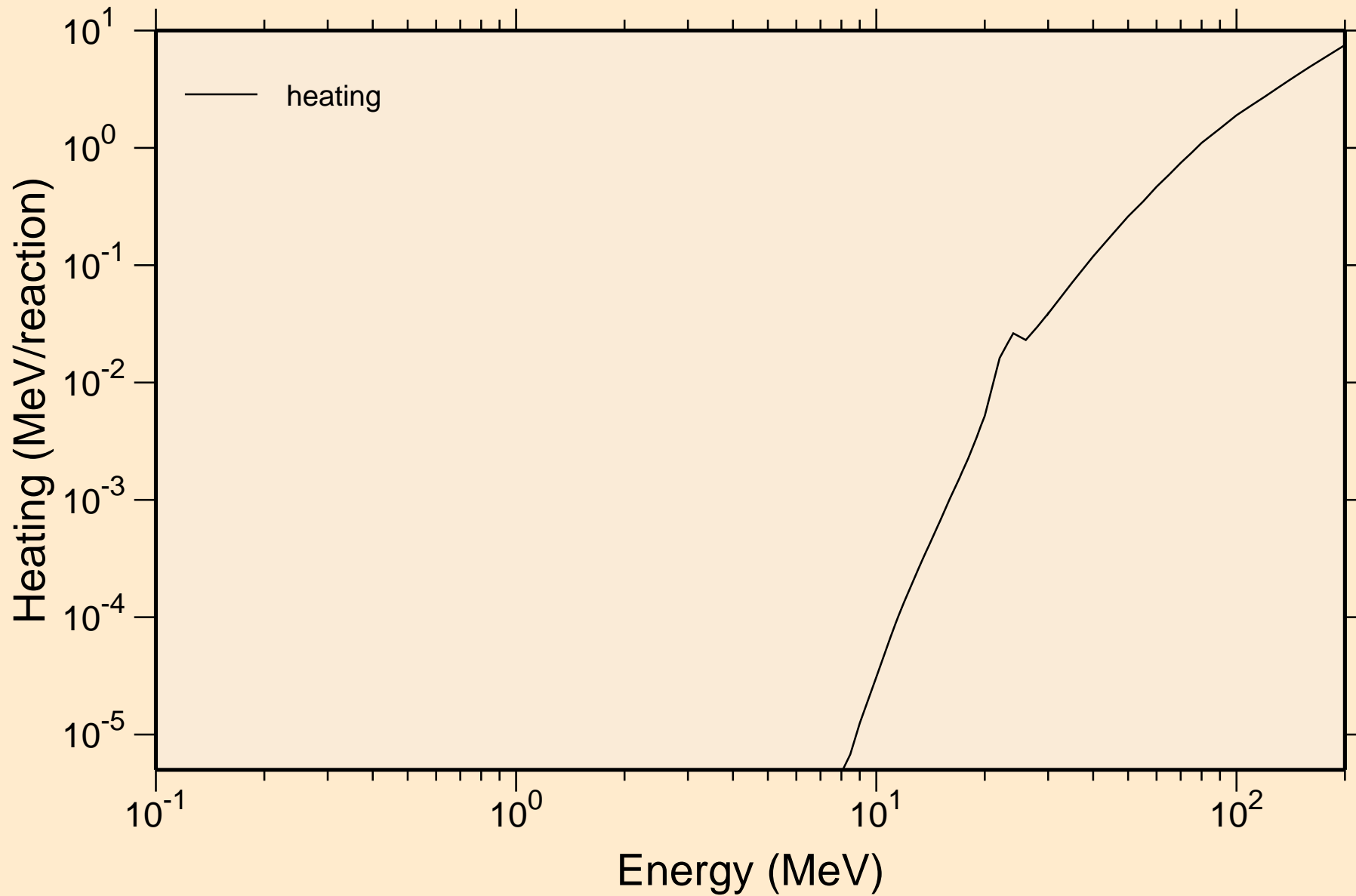
# OS191M PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



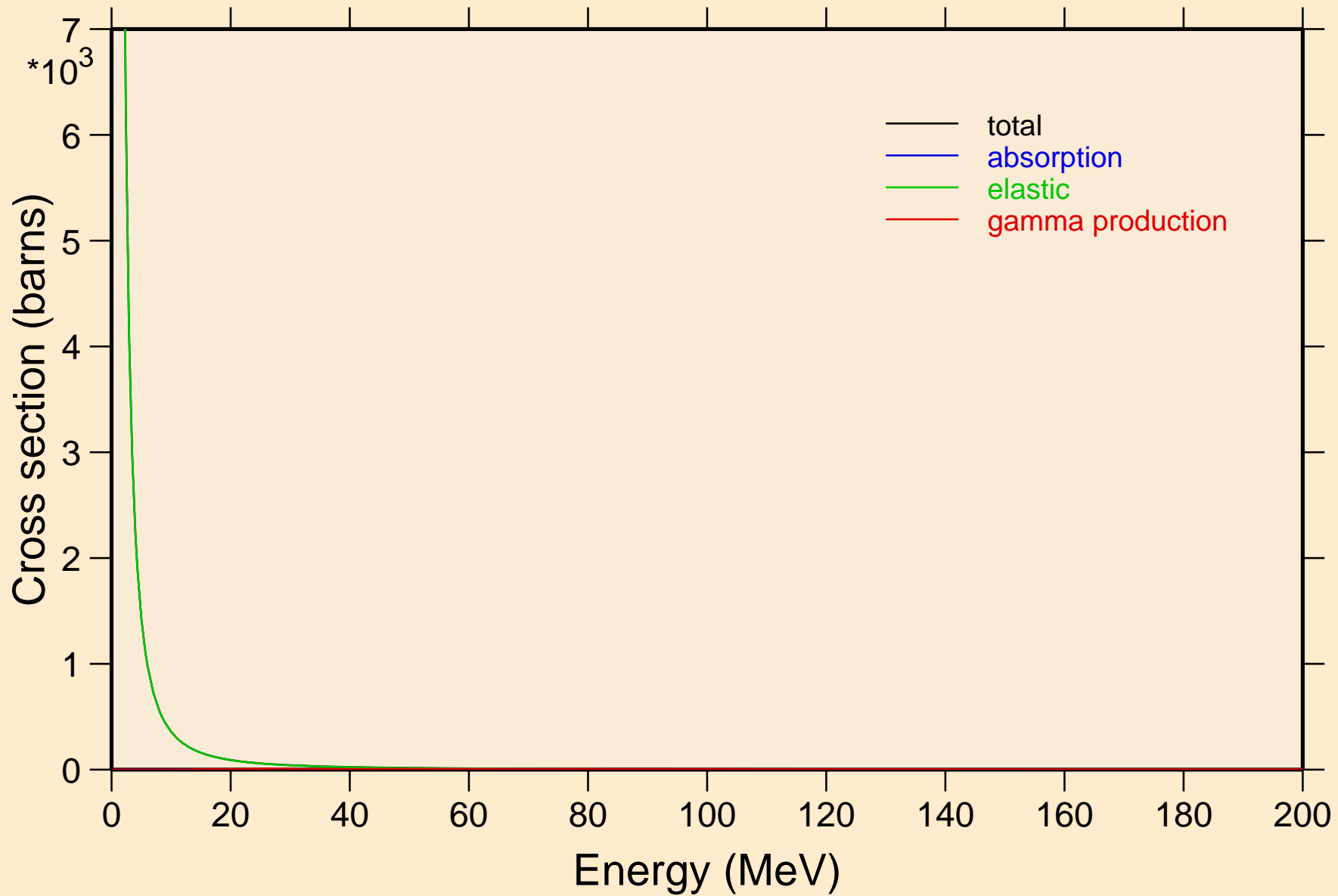
# OS191M PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



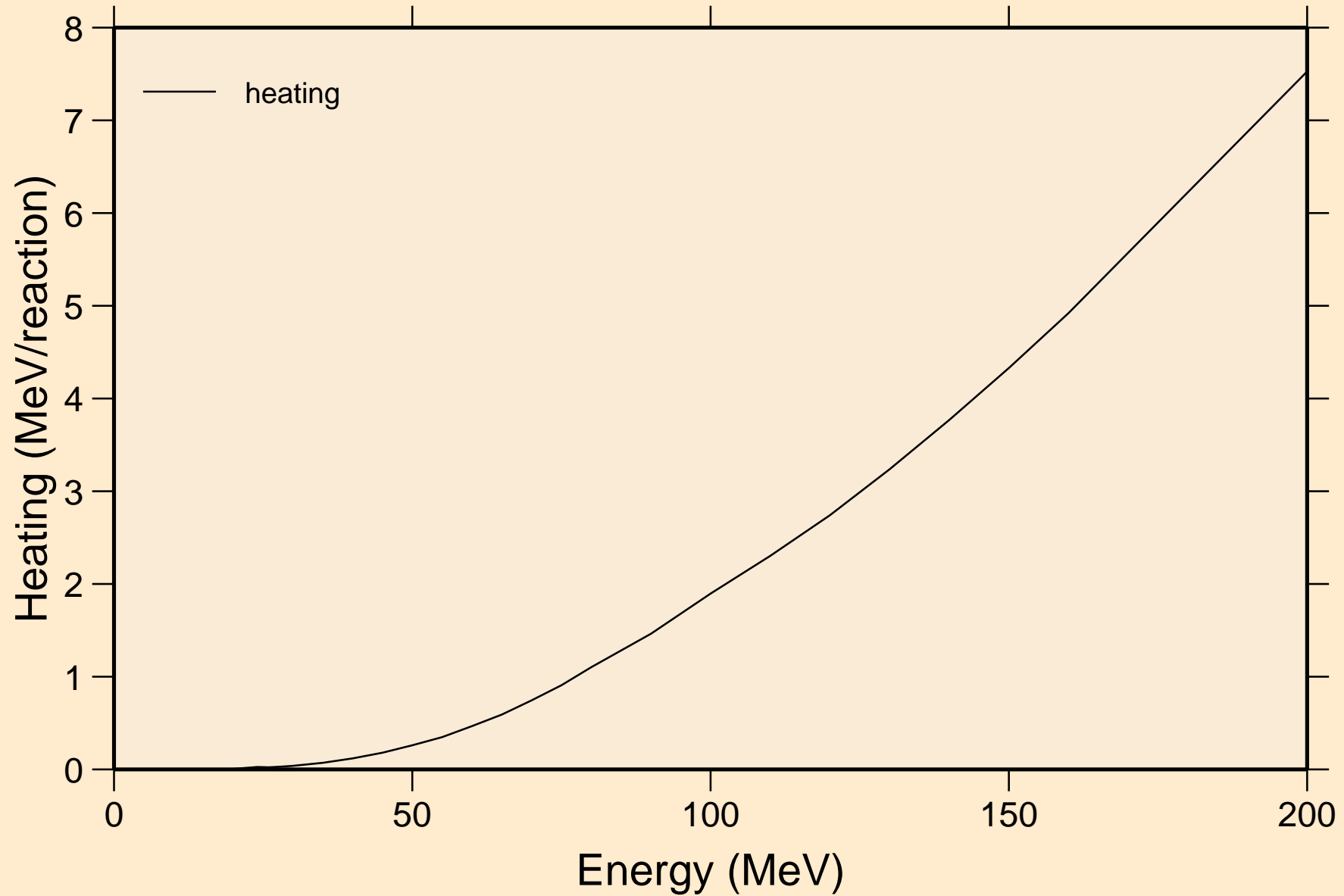
# OS191M PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

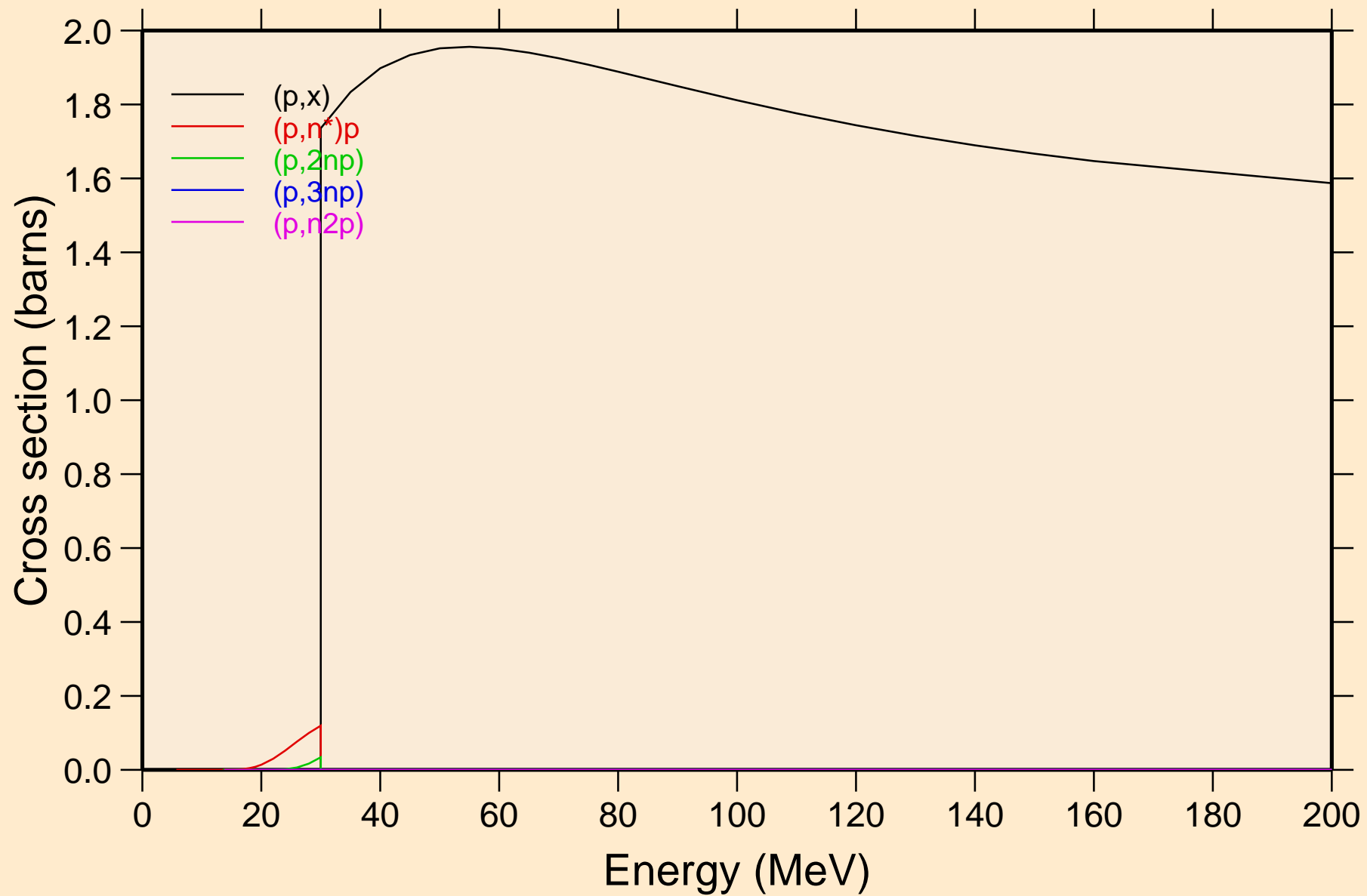


# OS191M PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

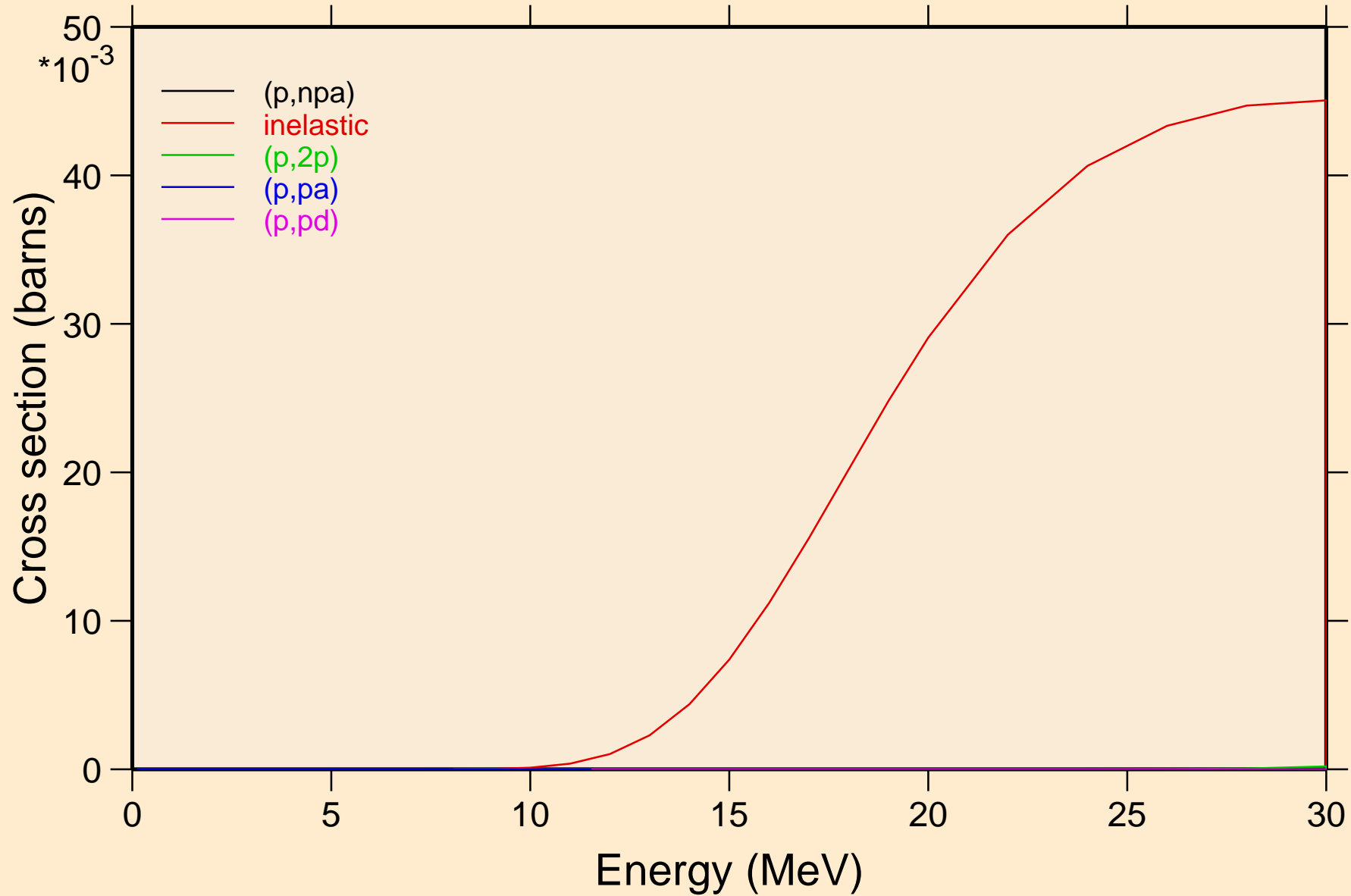


OS191M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

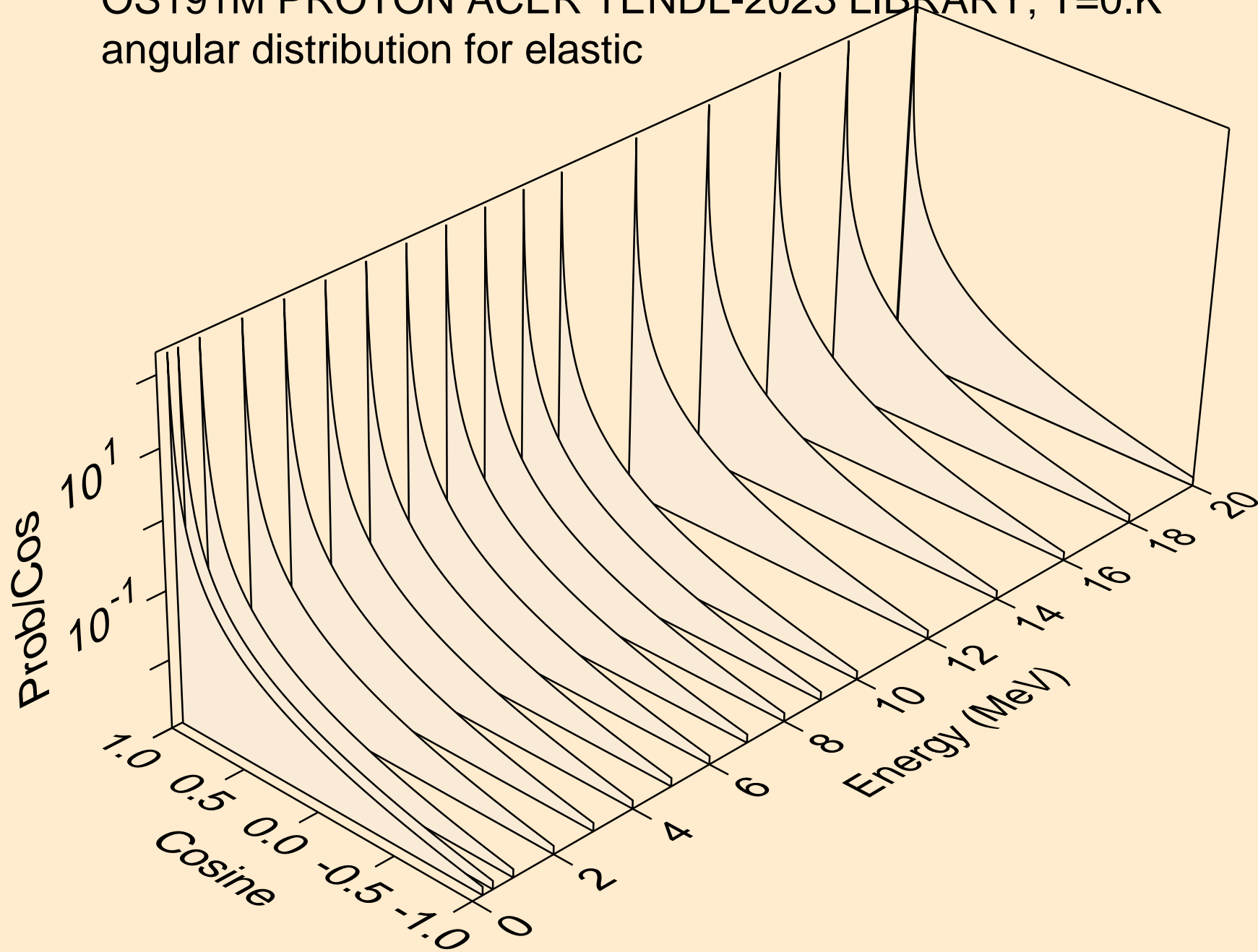


# OS191M PROTON ACER TENDL-2023 LIBRARY; T=0.K

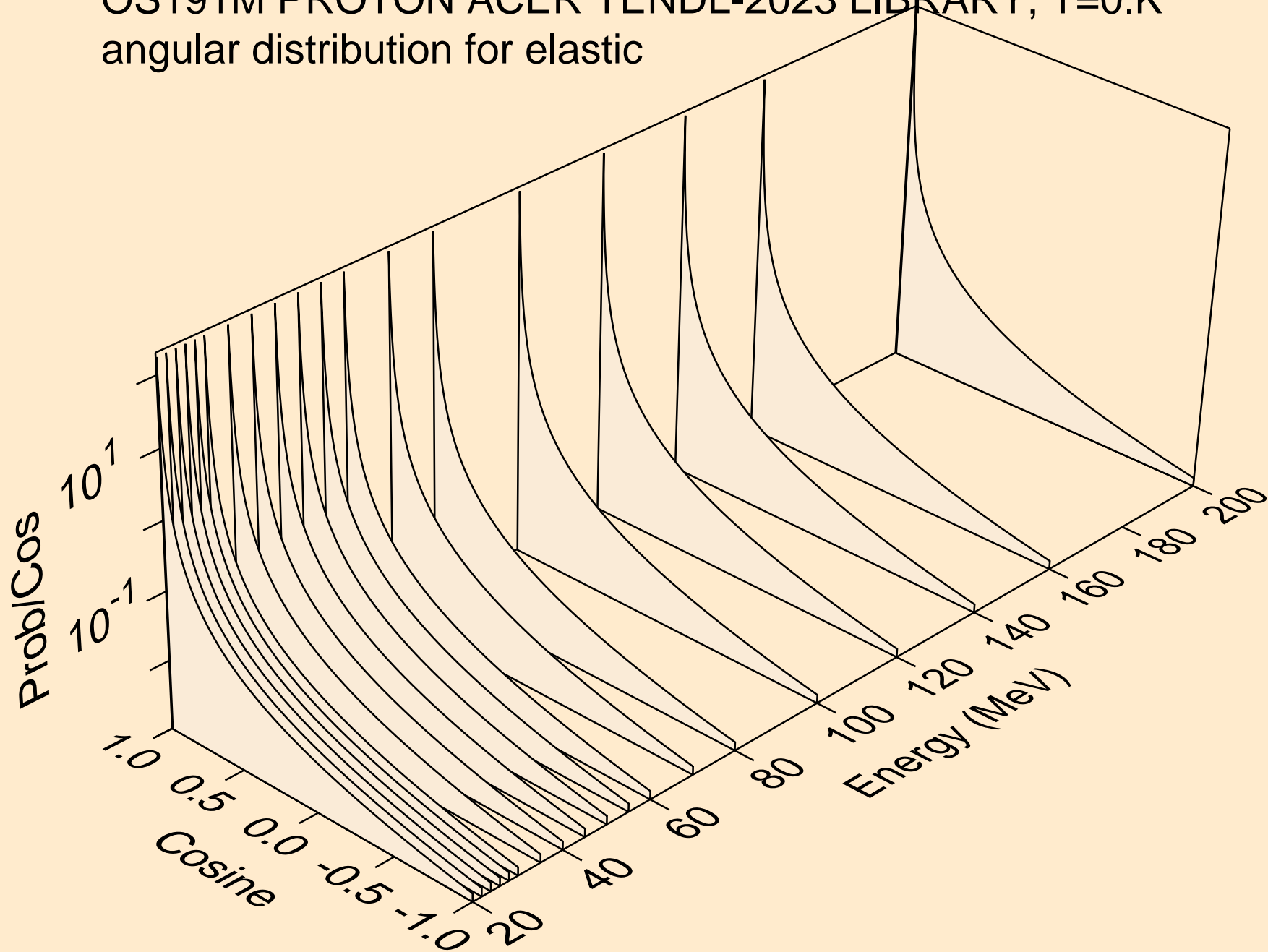
## Threshold reactions



OS191M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

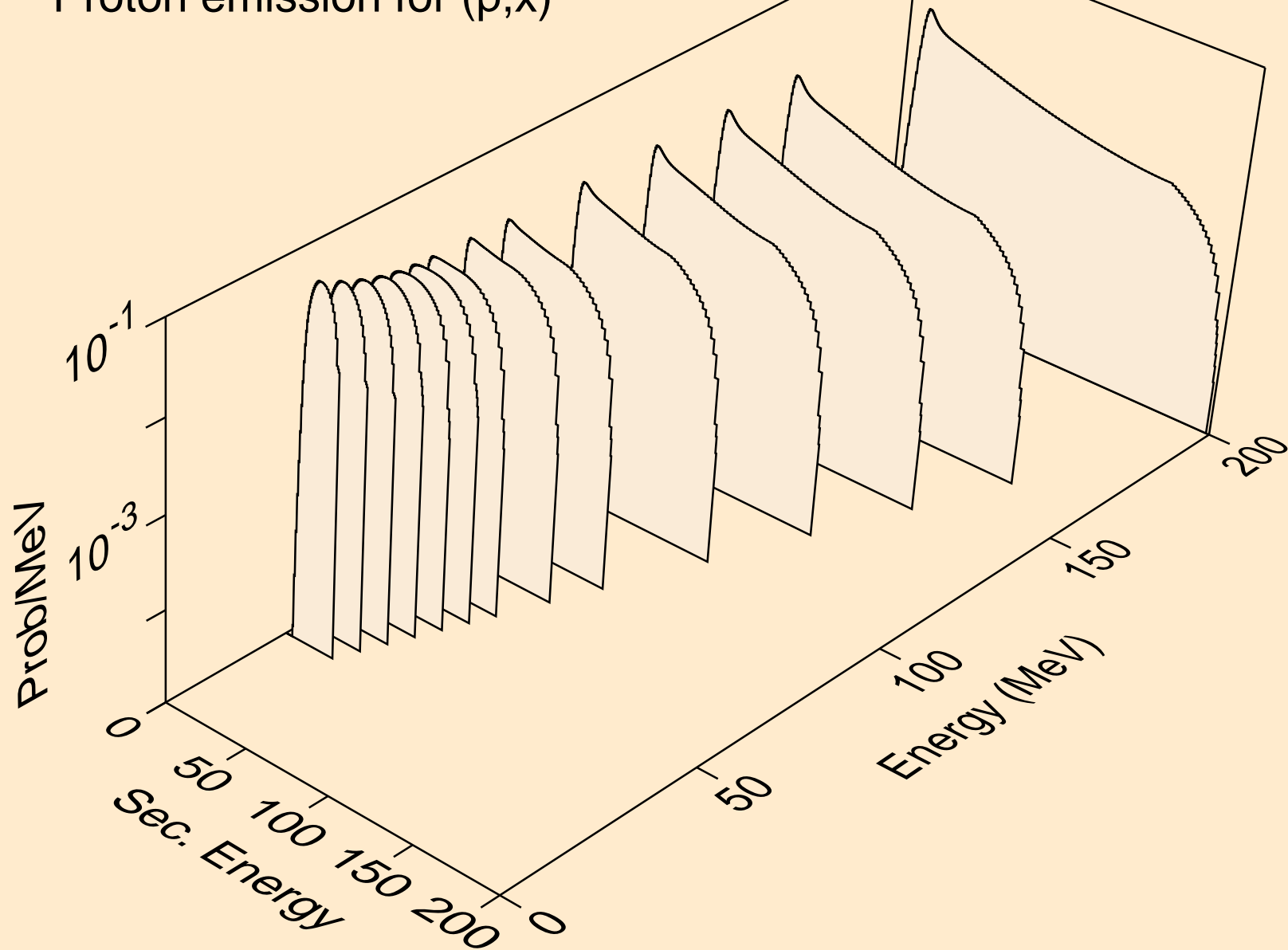


OS191M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

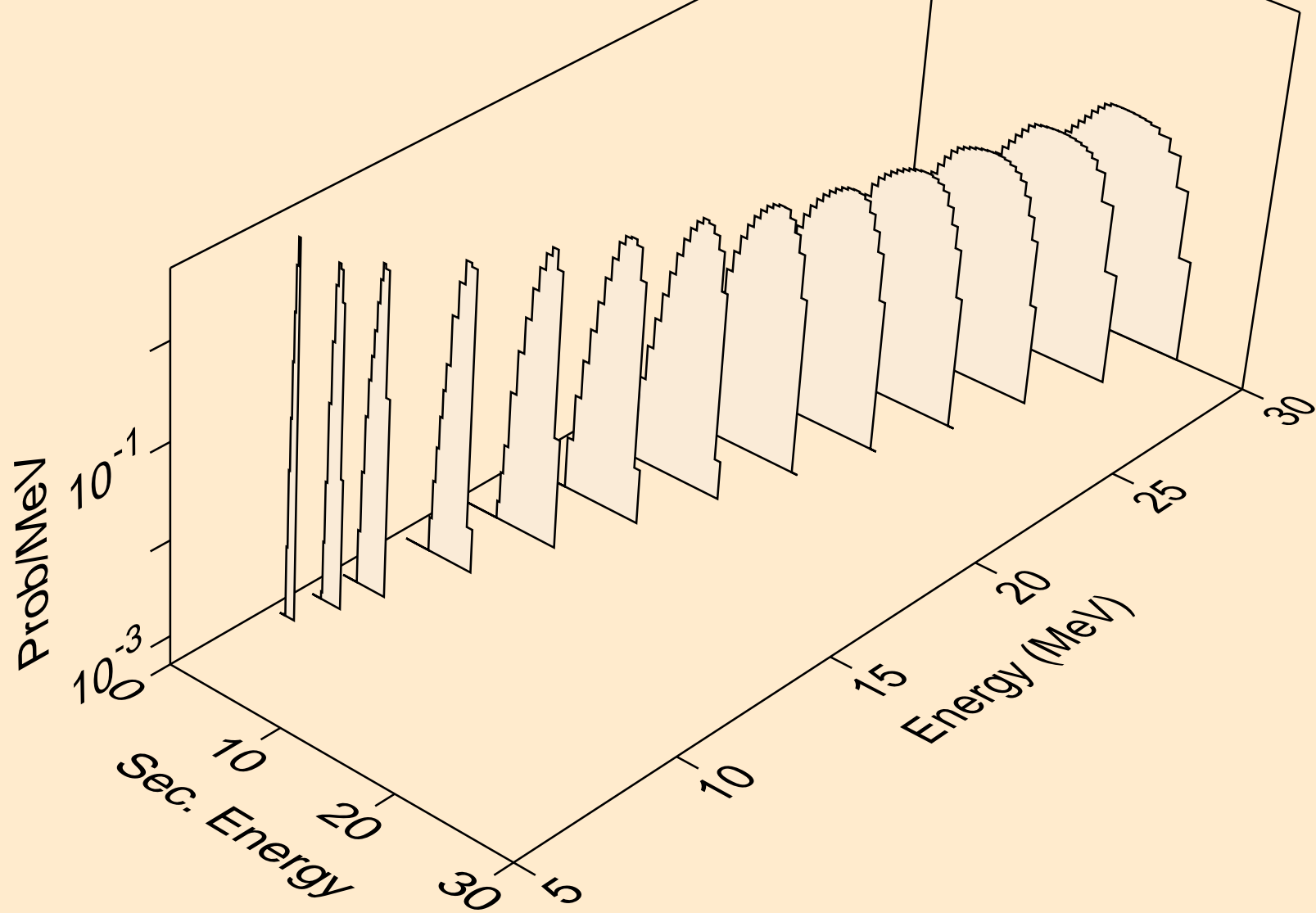




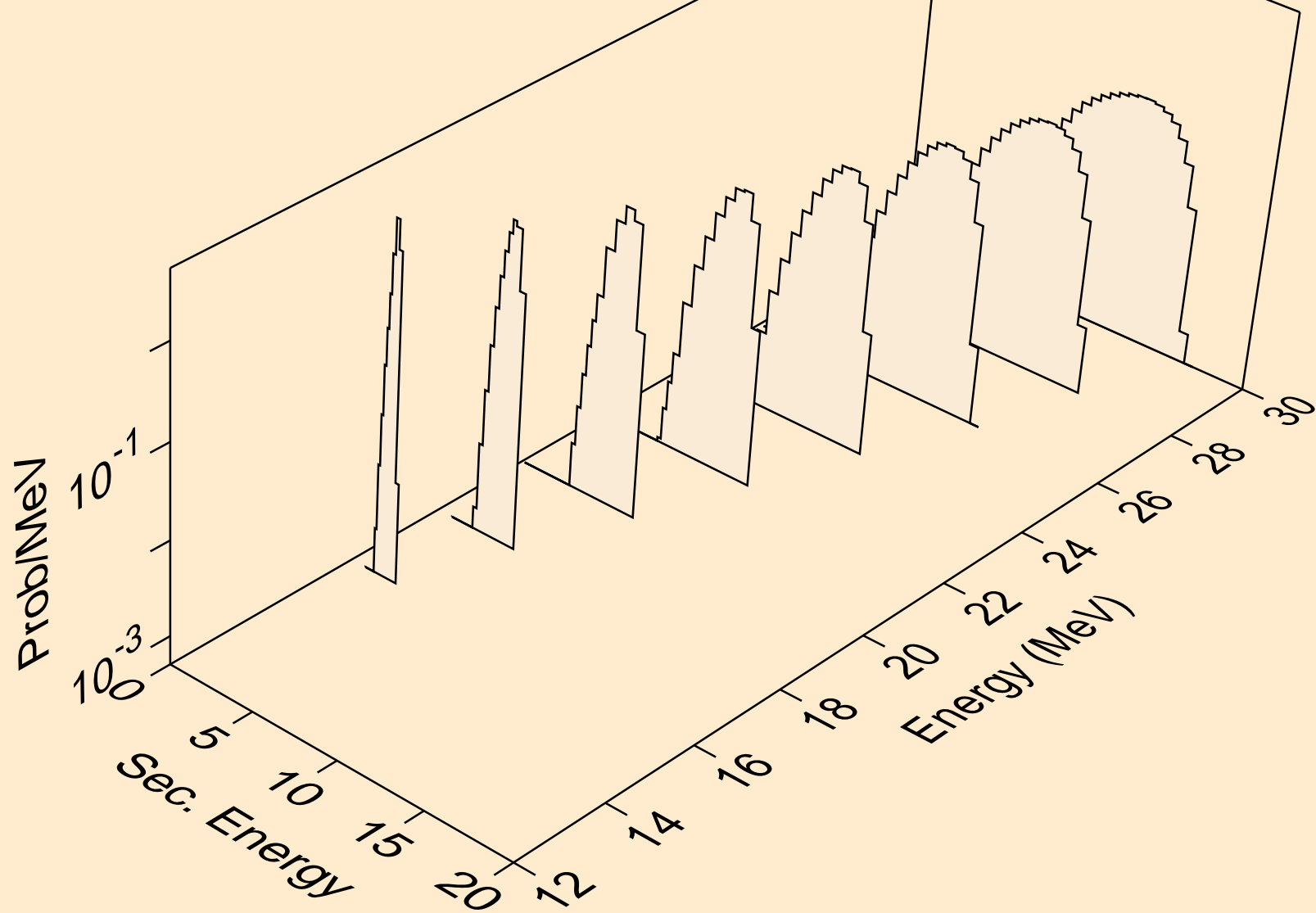
OS191M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



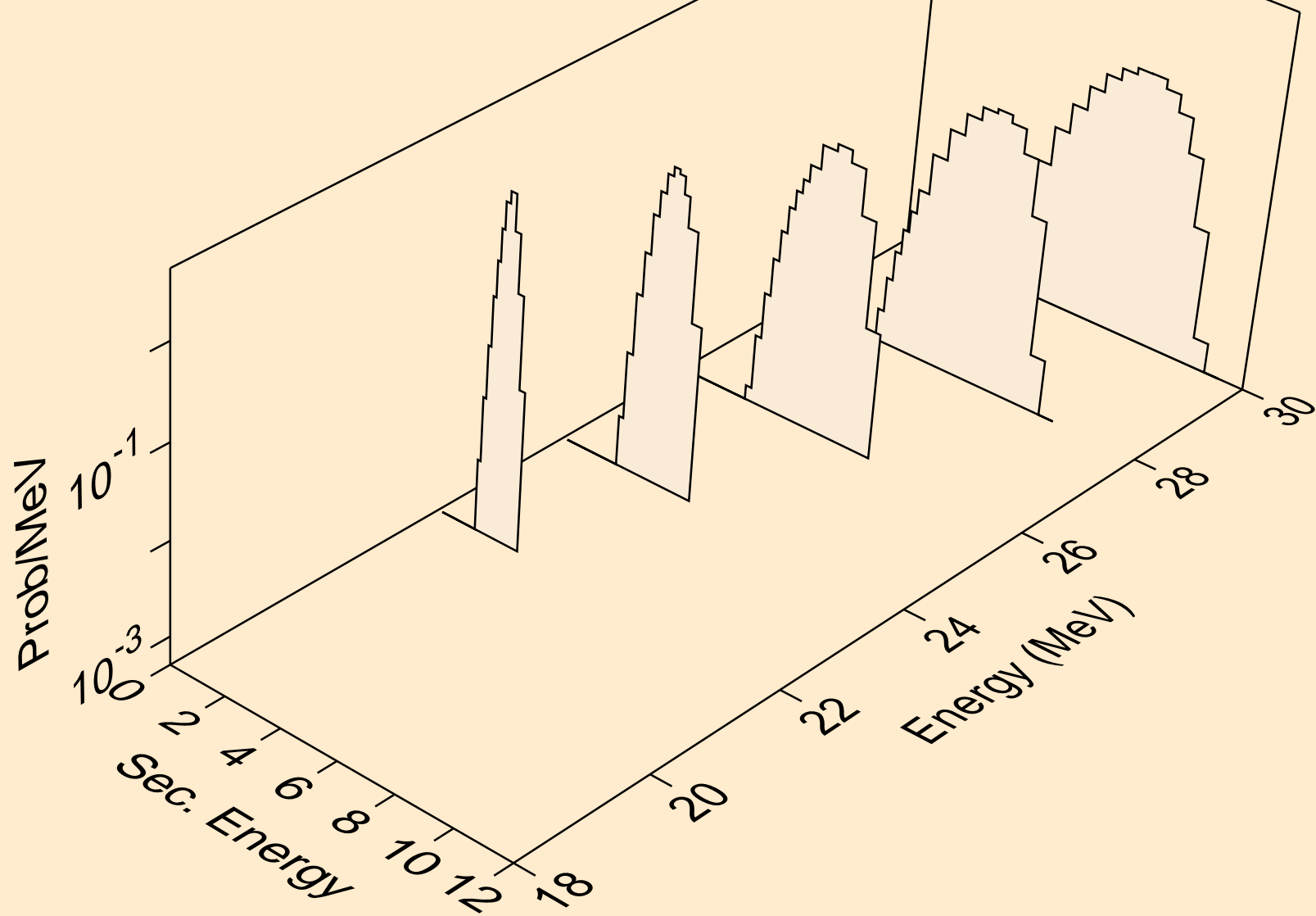
OS191M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



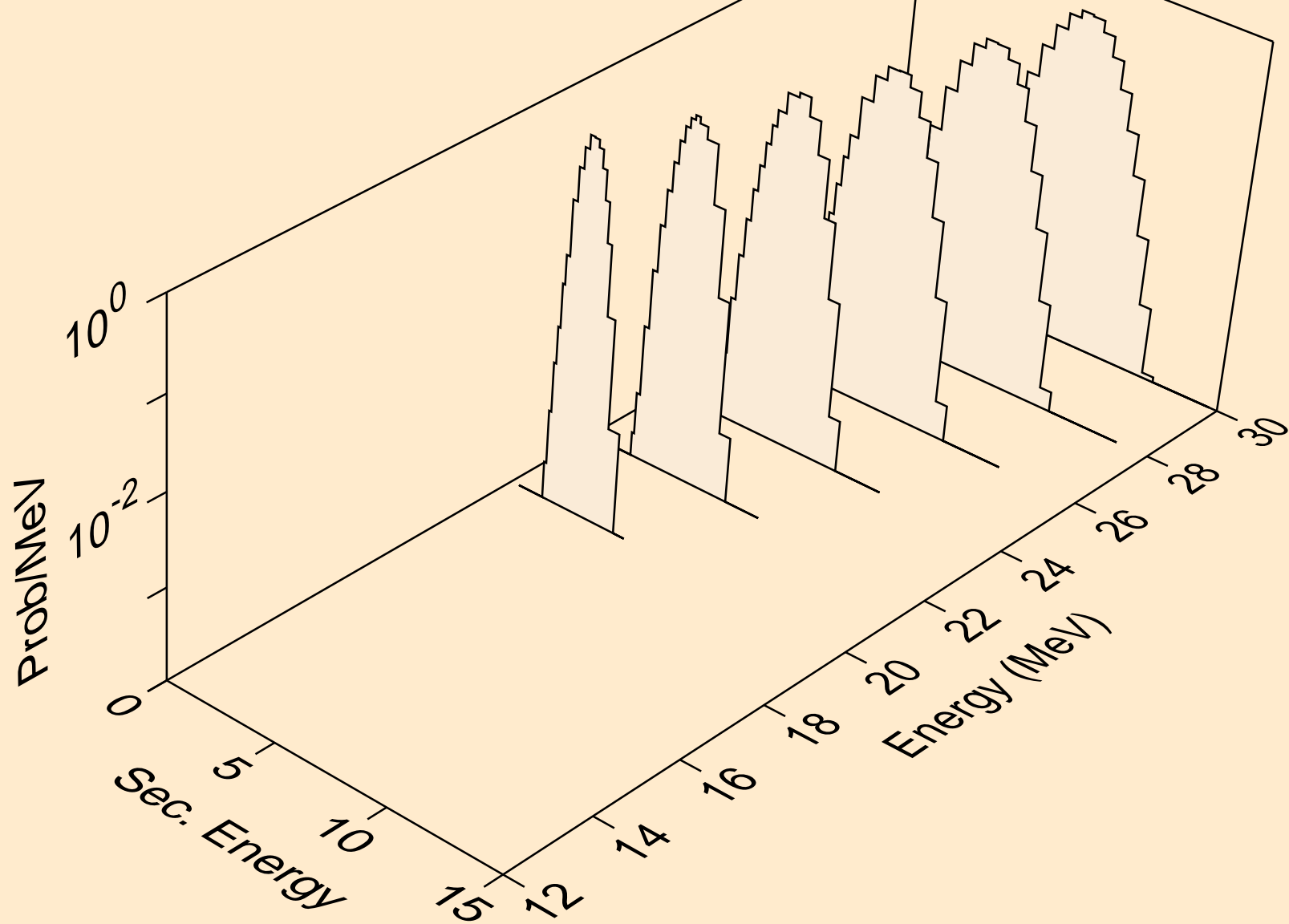
OS191M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



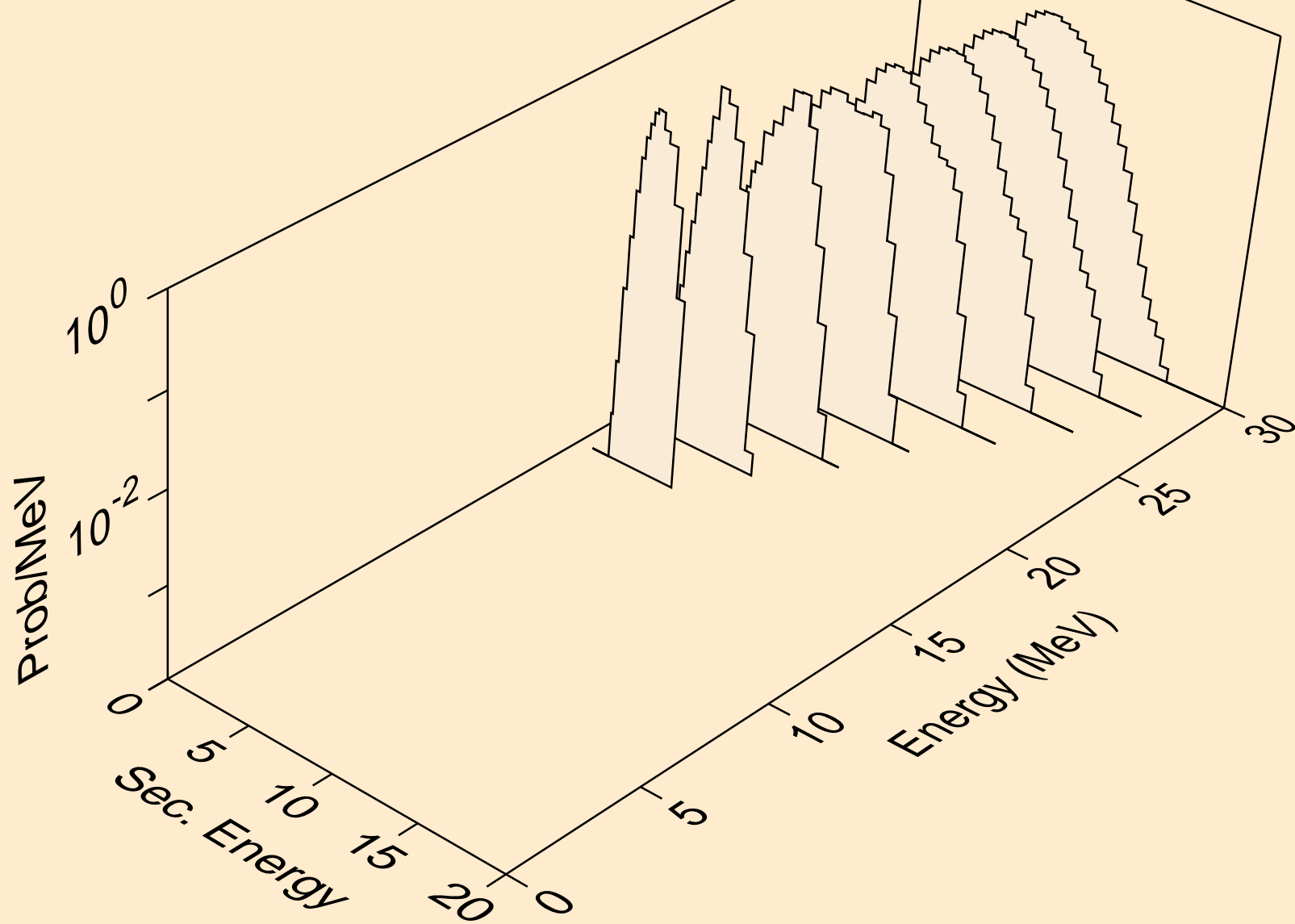
OS191M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,3np)



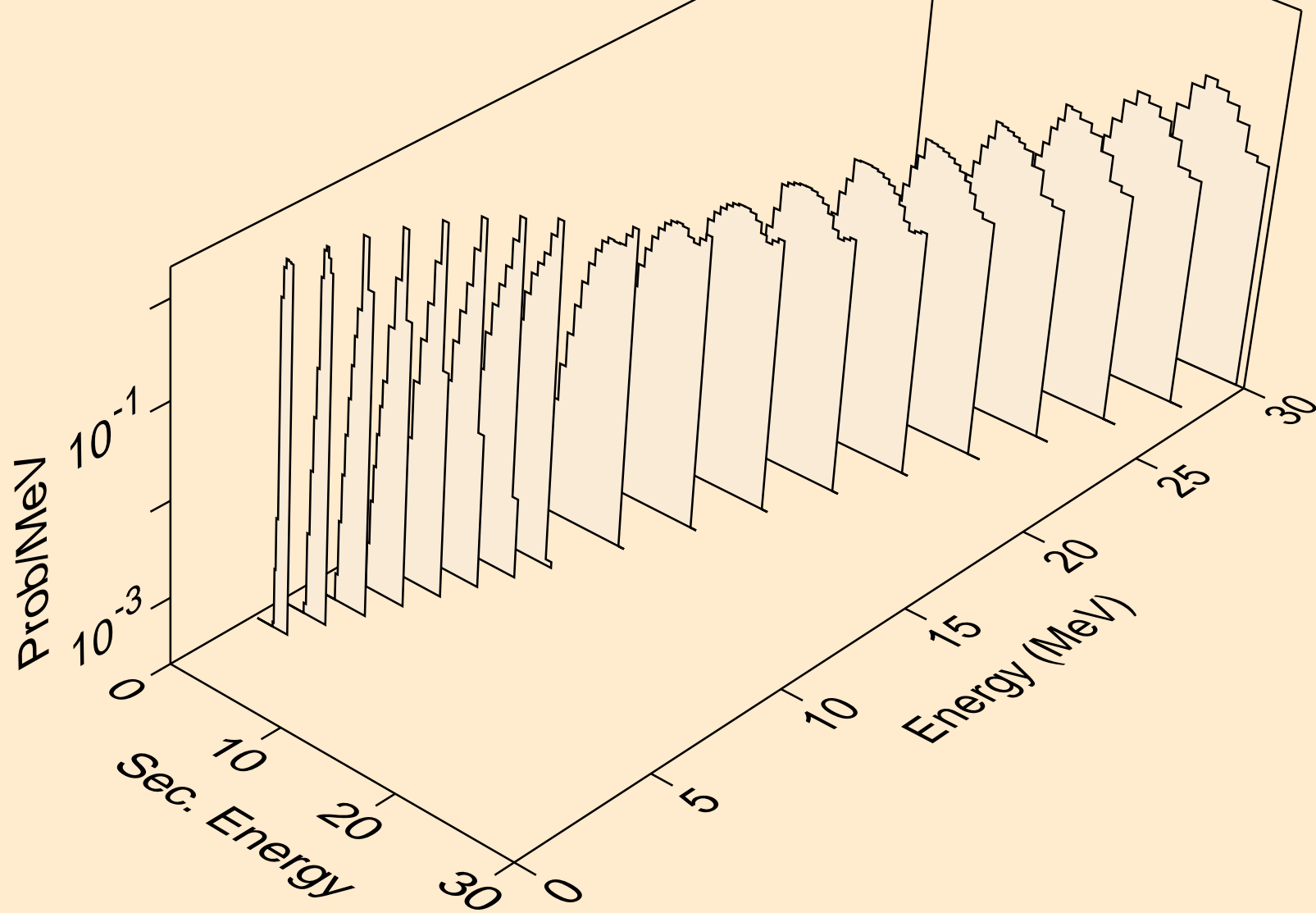
OS191M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)



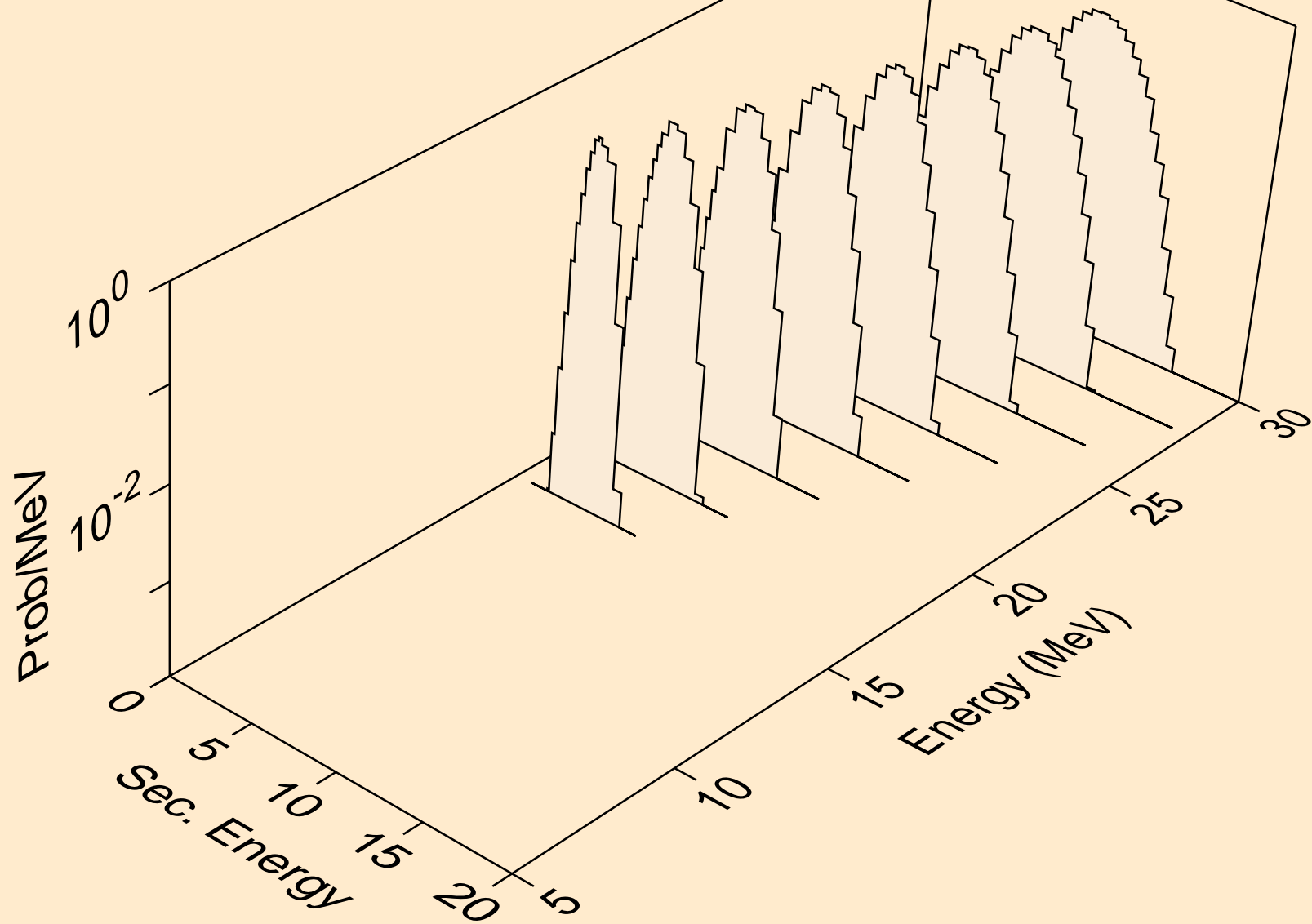
OS191M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,npa)



OS191M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic

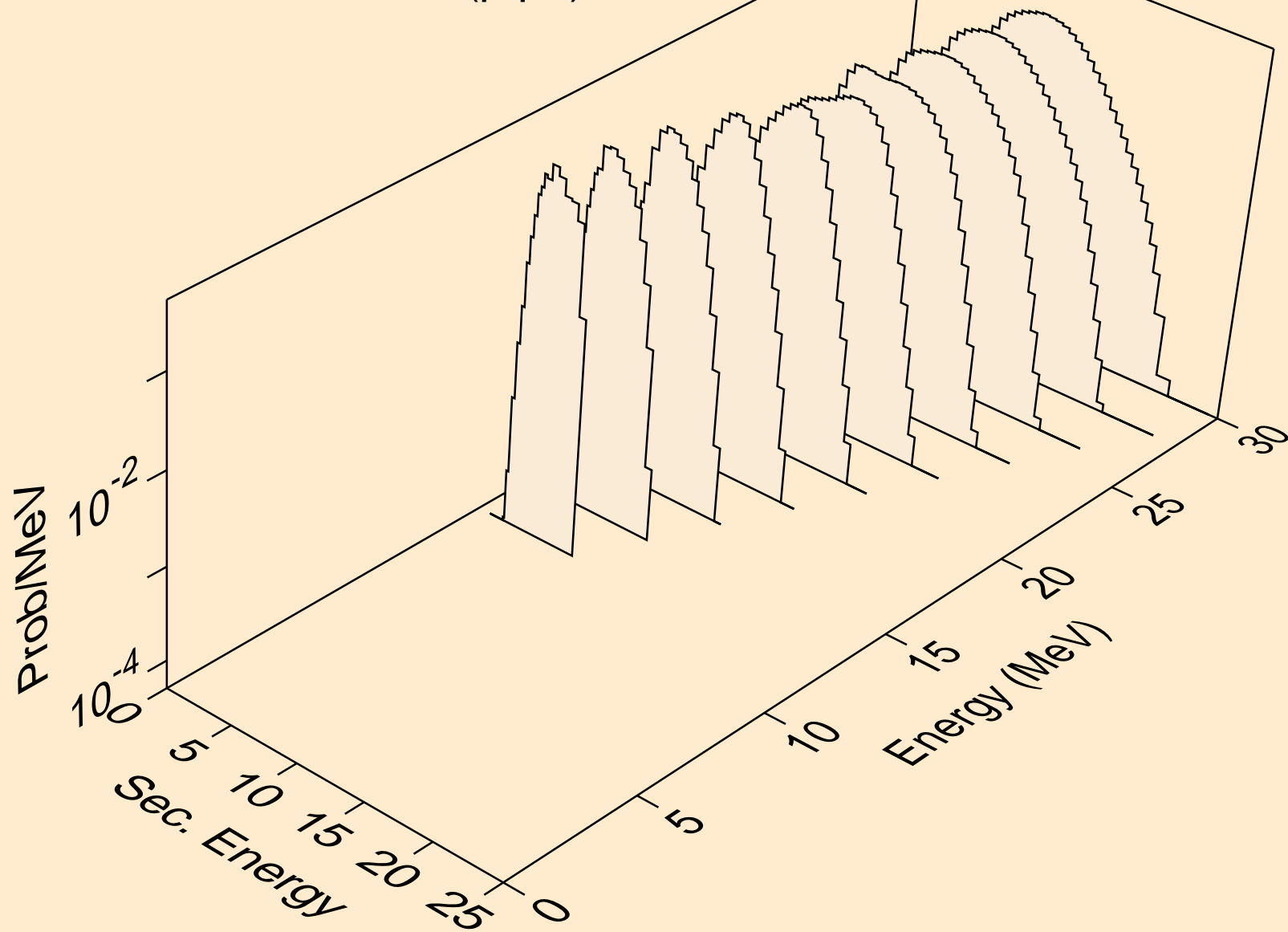


OS191M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)

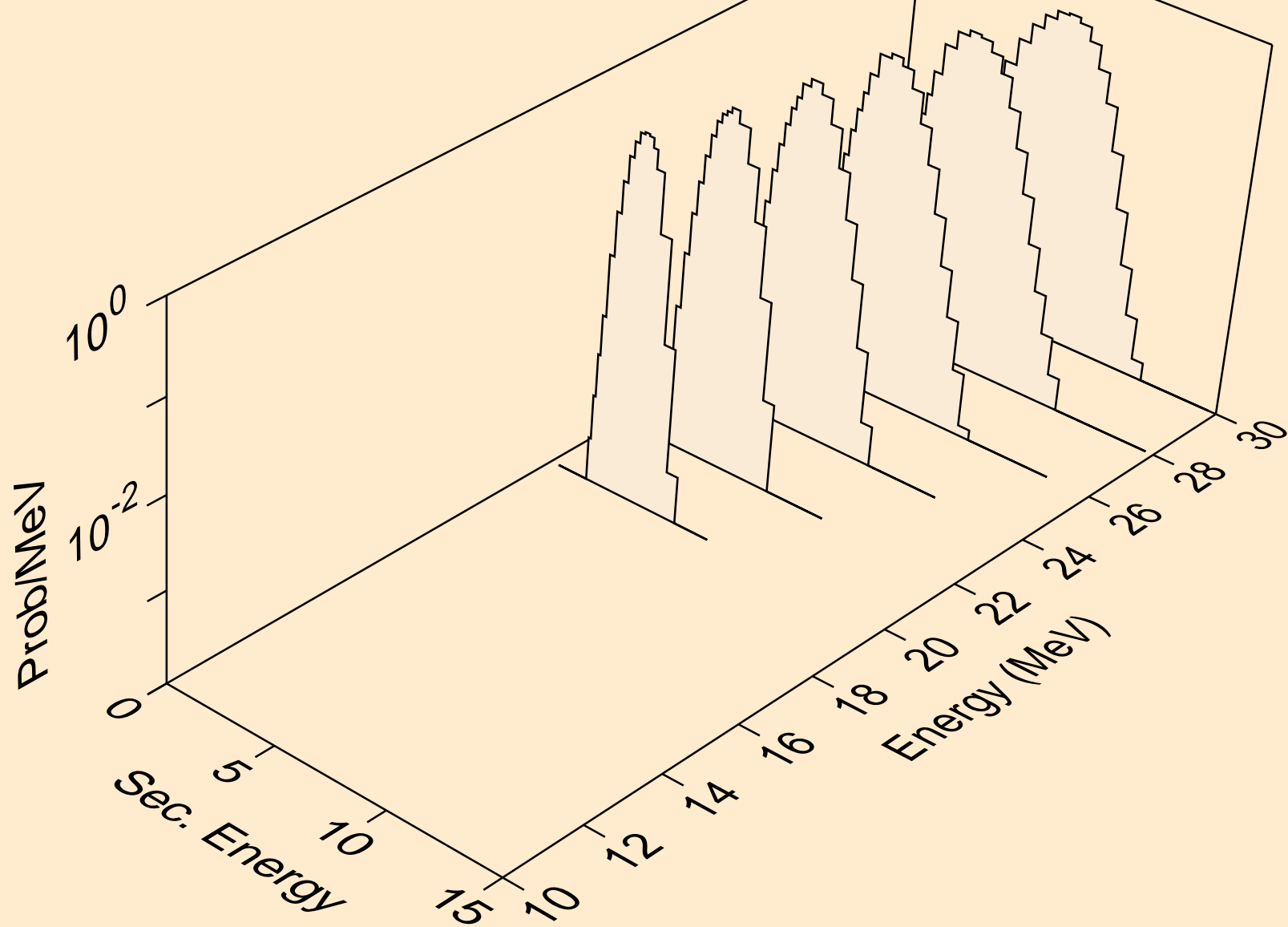




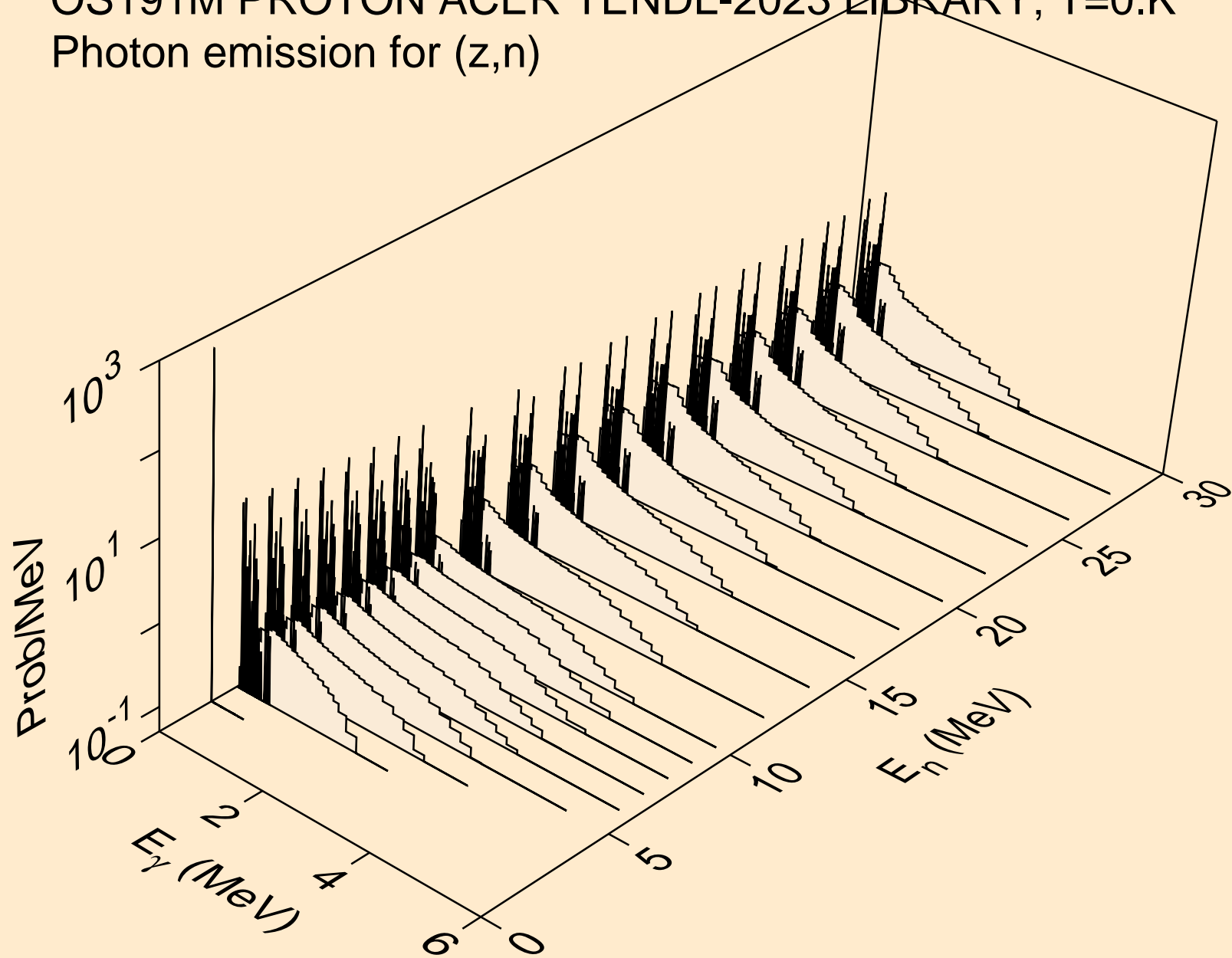
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Proton emission for (p,pa)



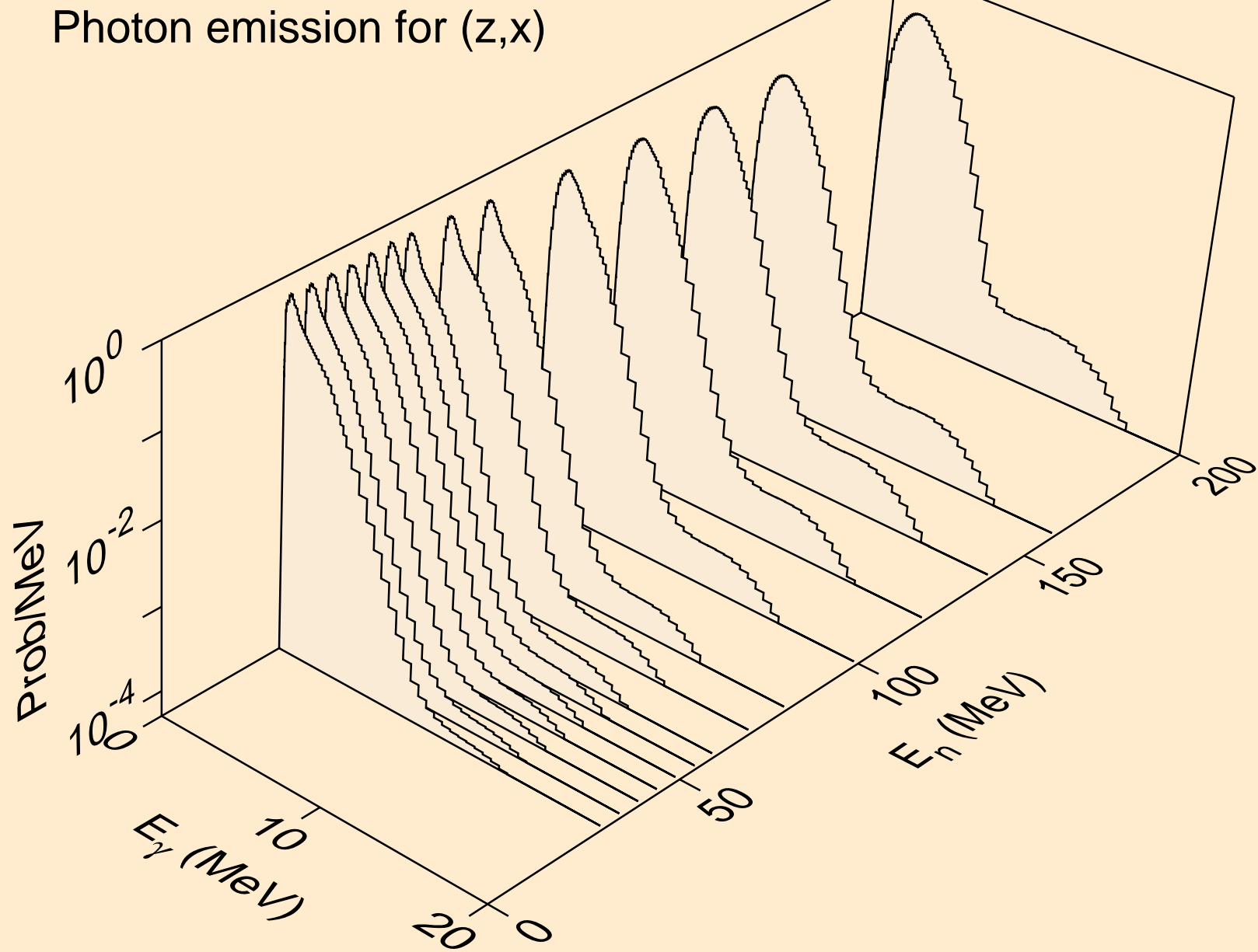
OS191M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pd)



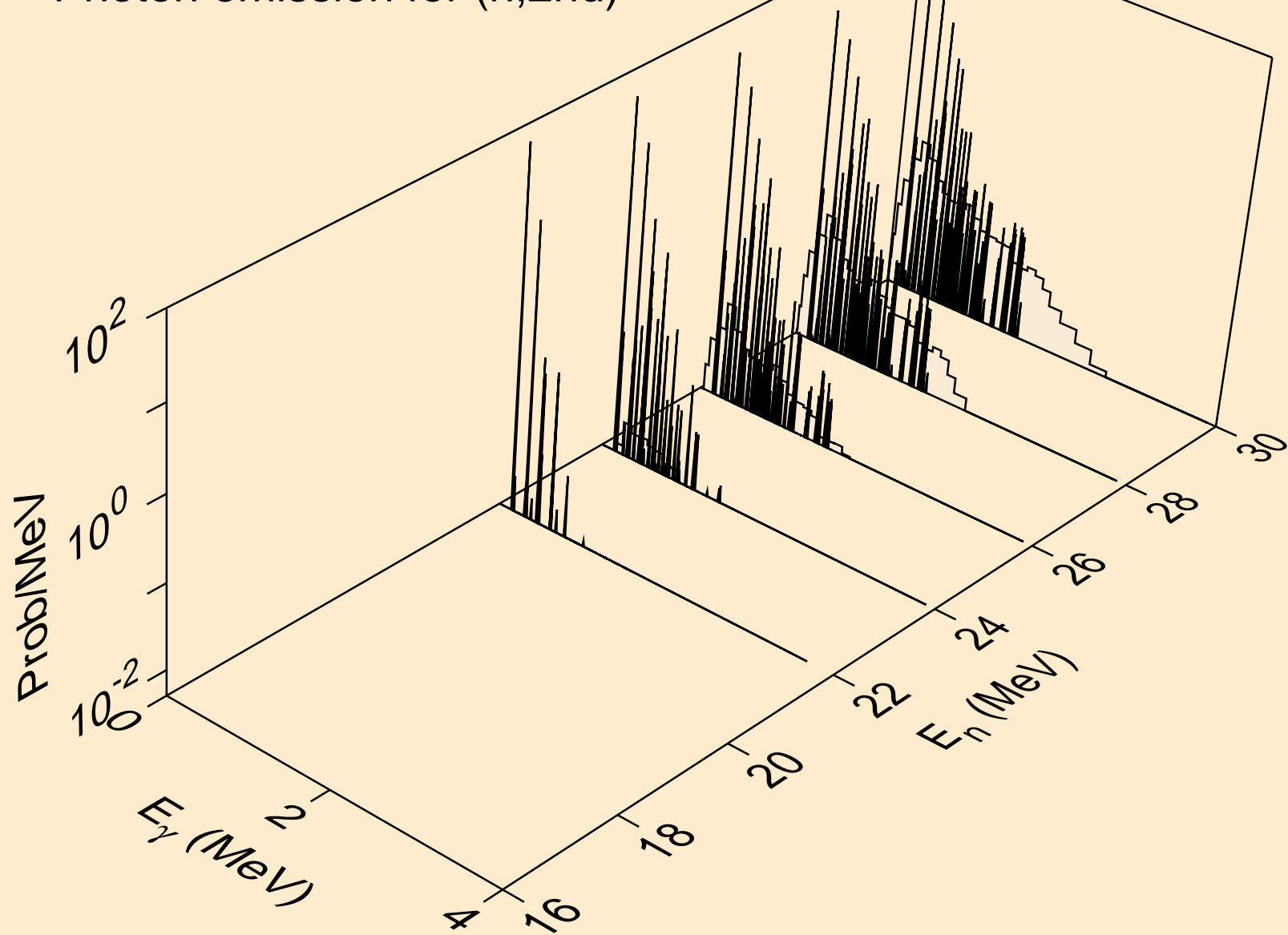
OS191M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



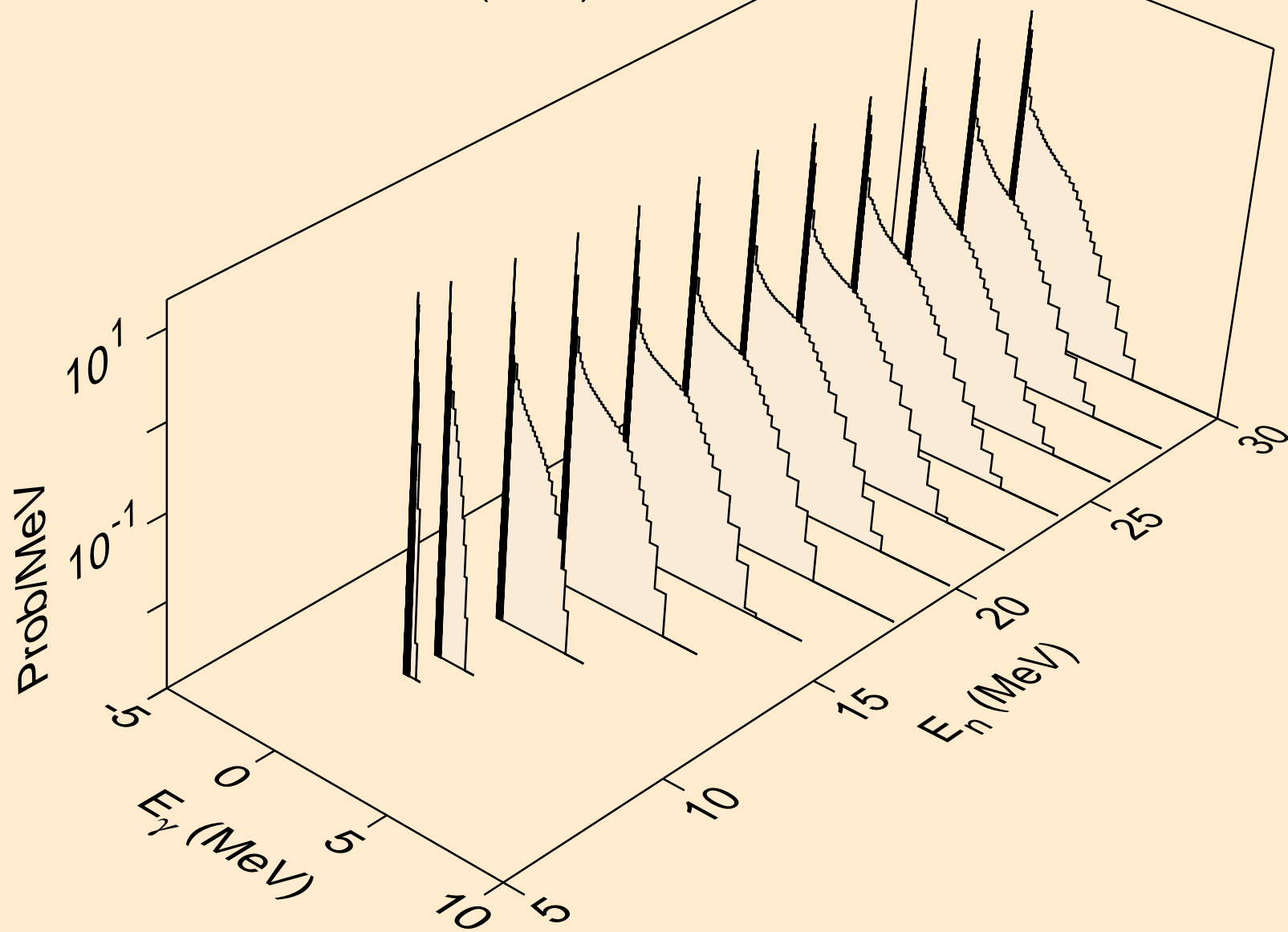
OS191M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



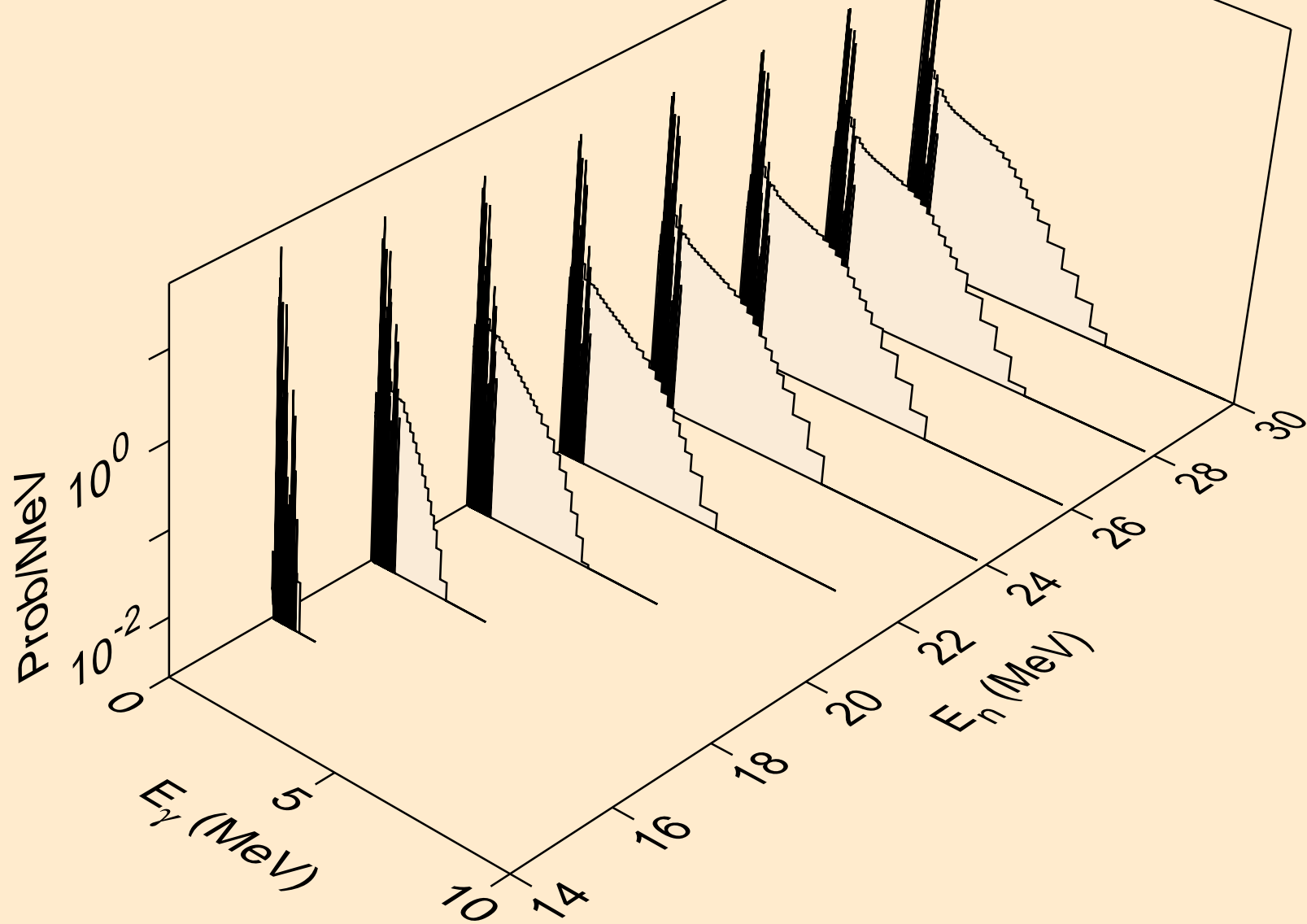
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Photon emission for (n,2nd)



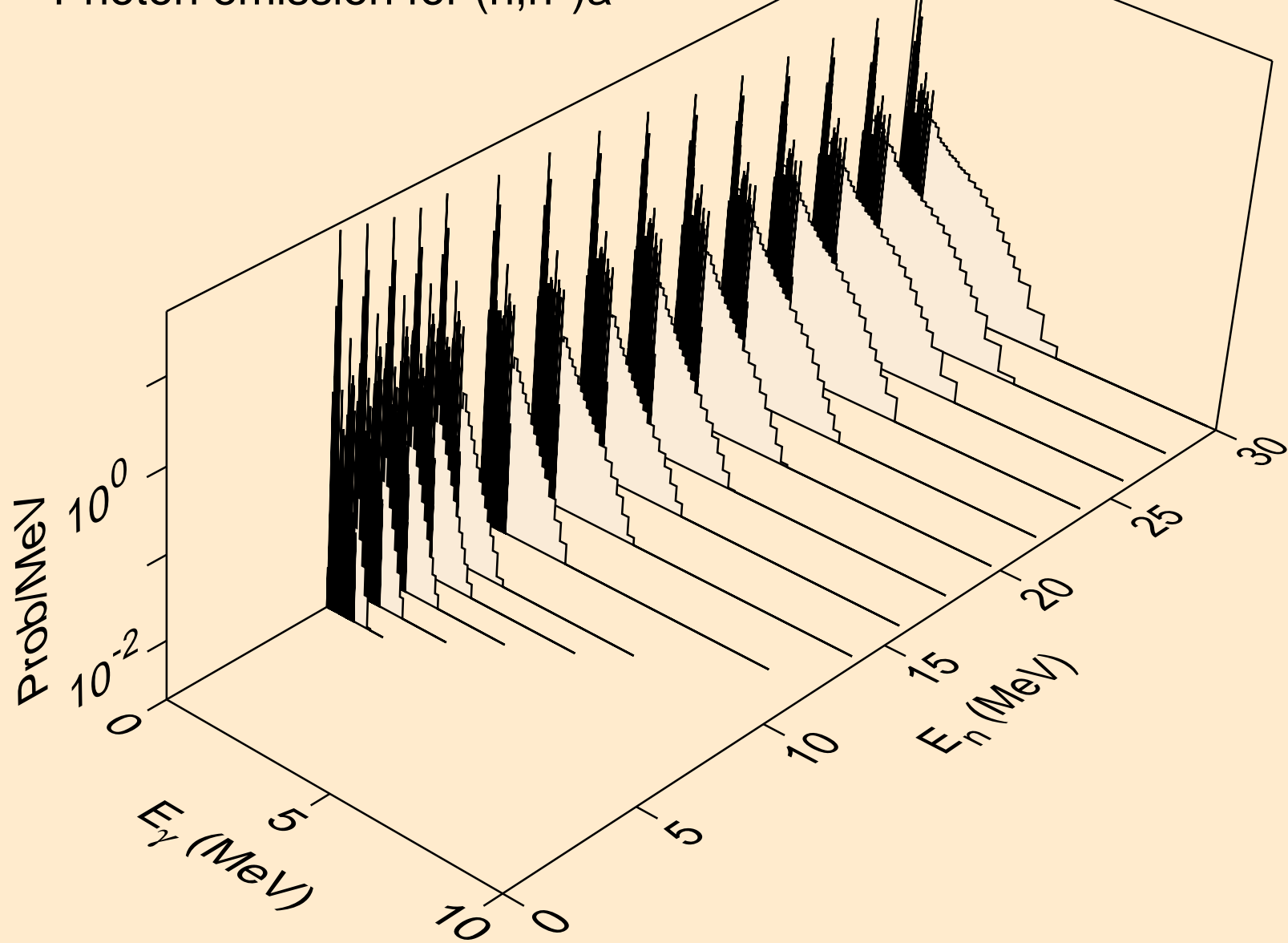
OS191M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



OS191M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)

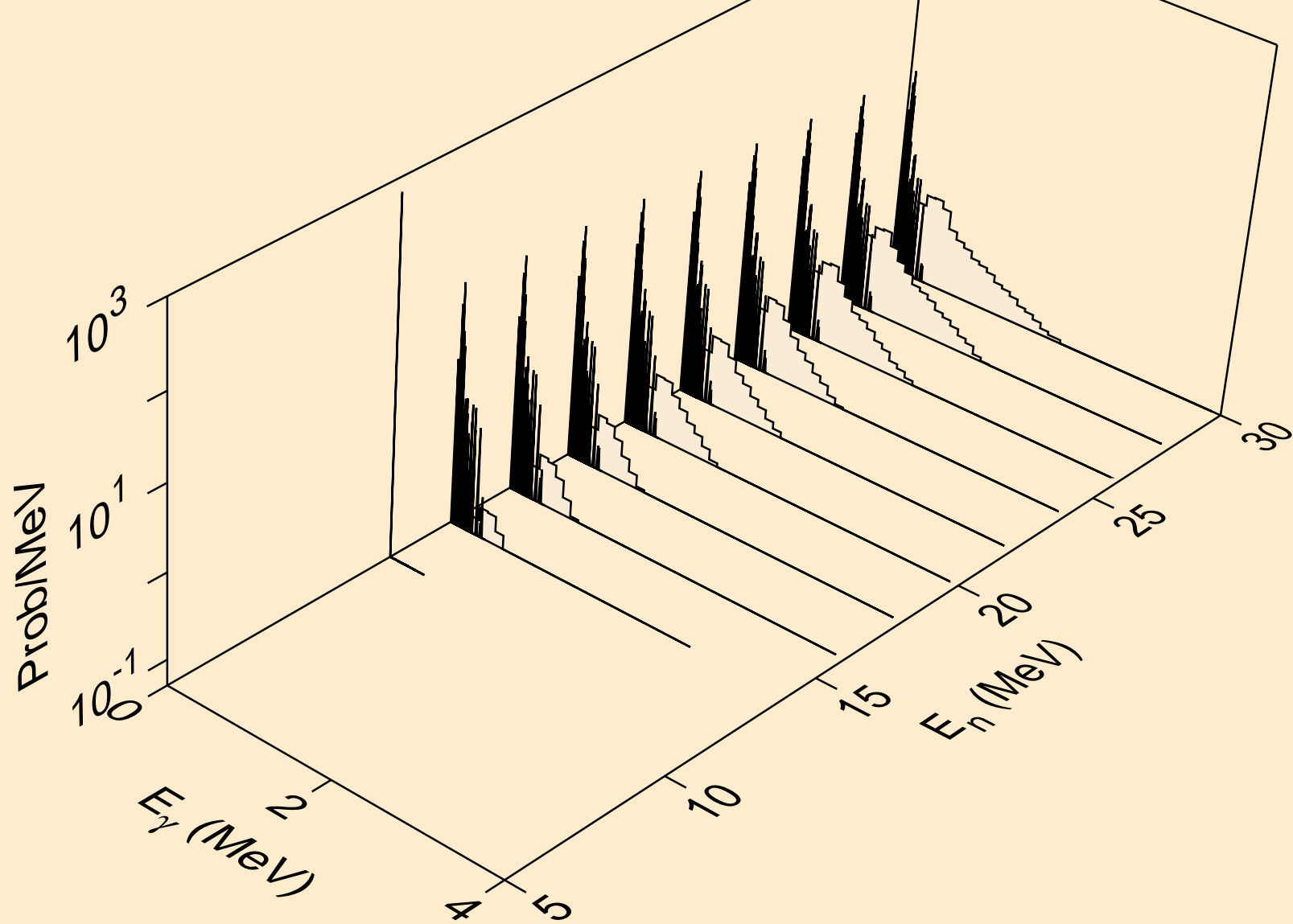


OS191M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

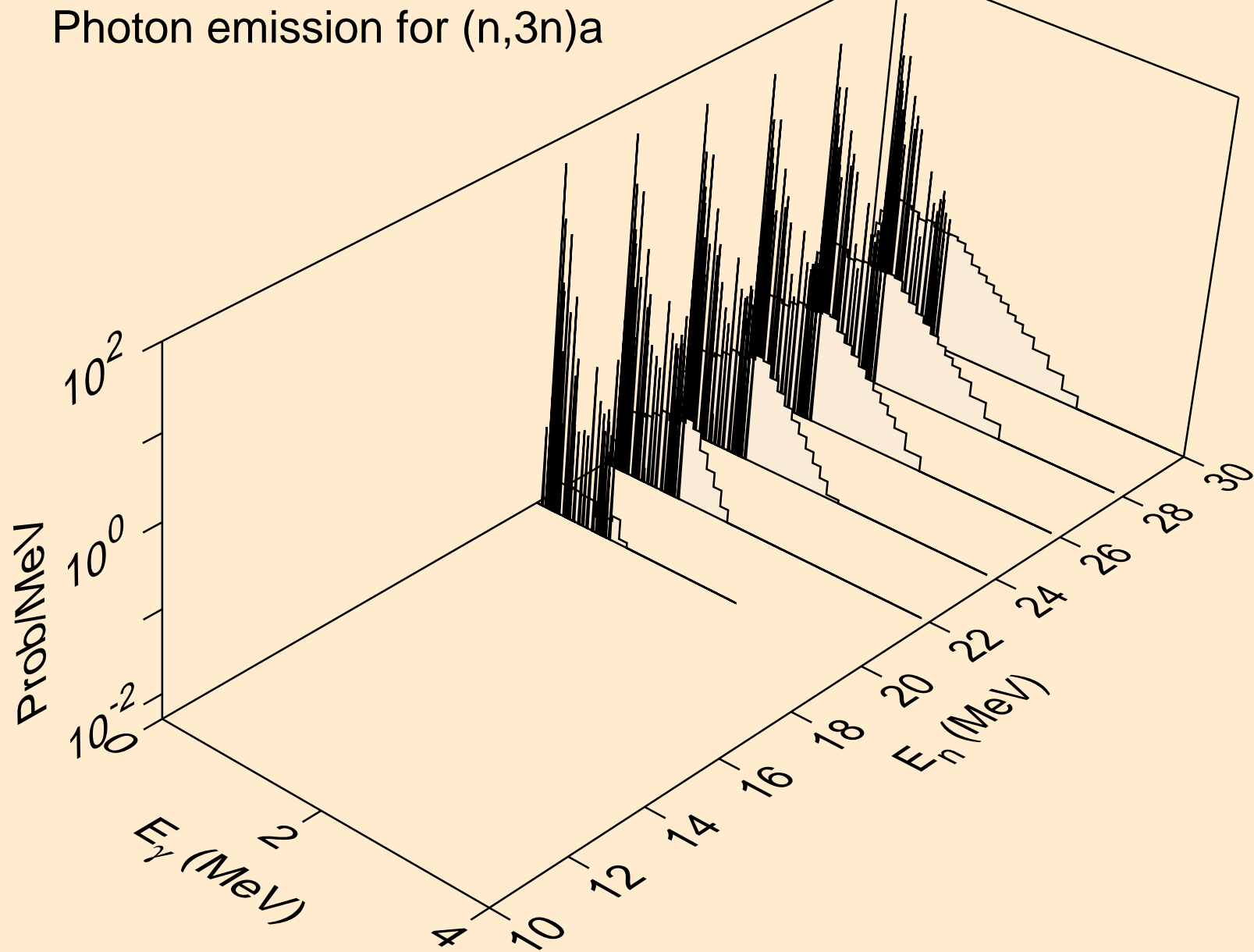




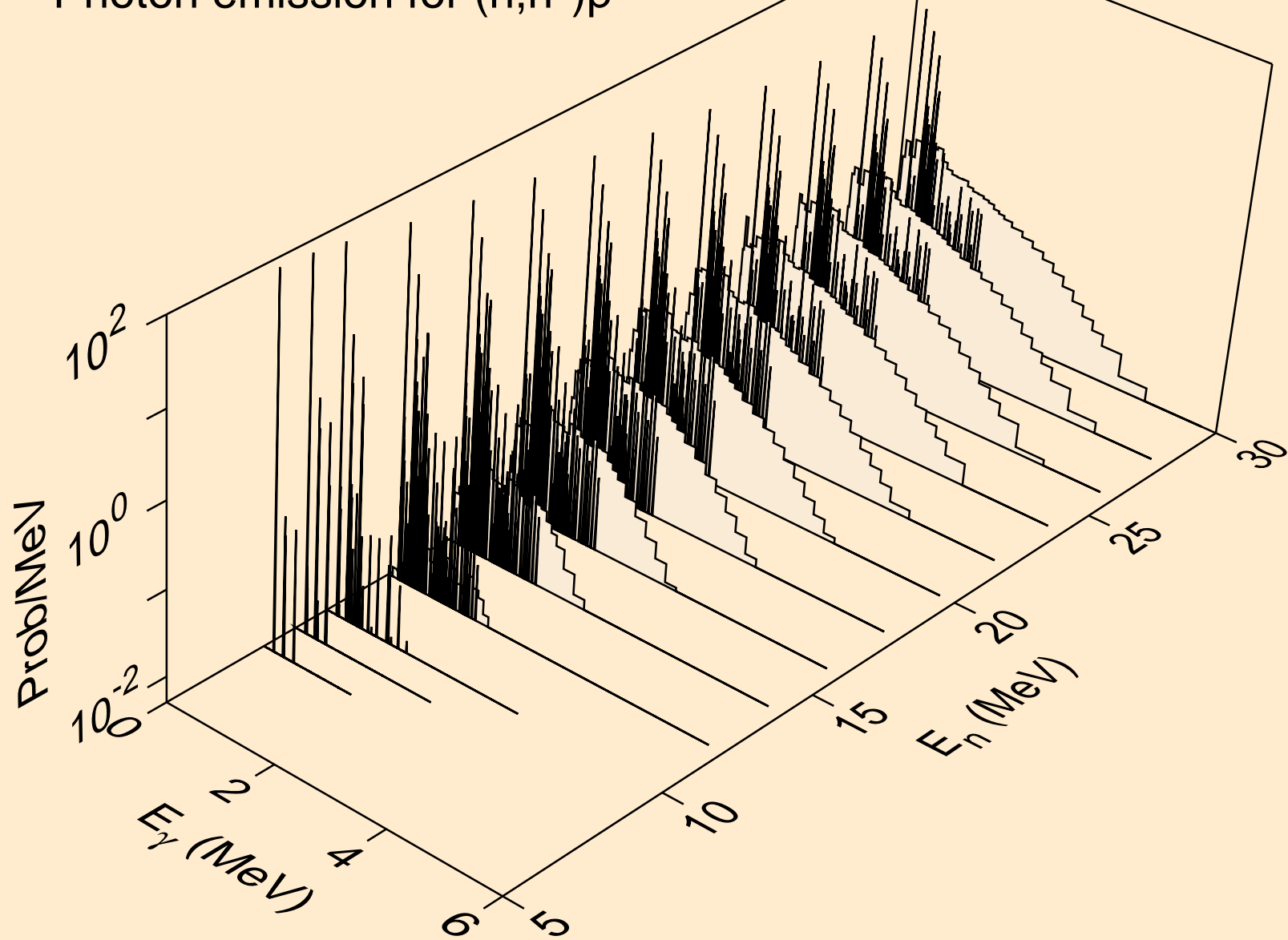
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Photon emission for (n,2n)a



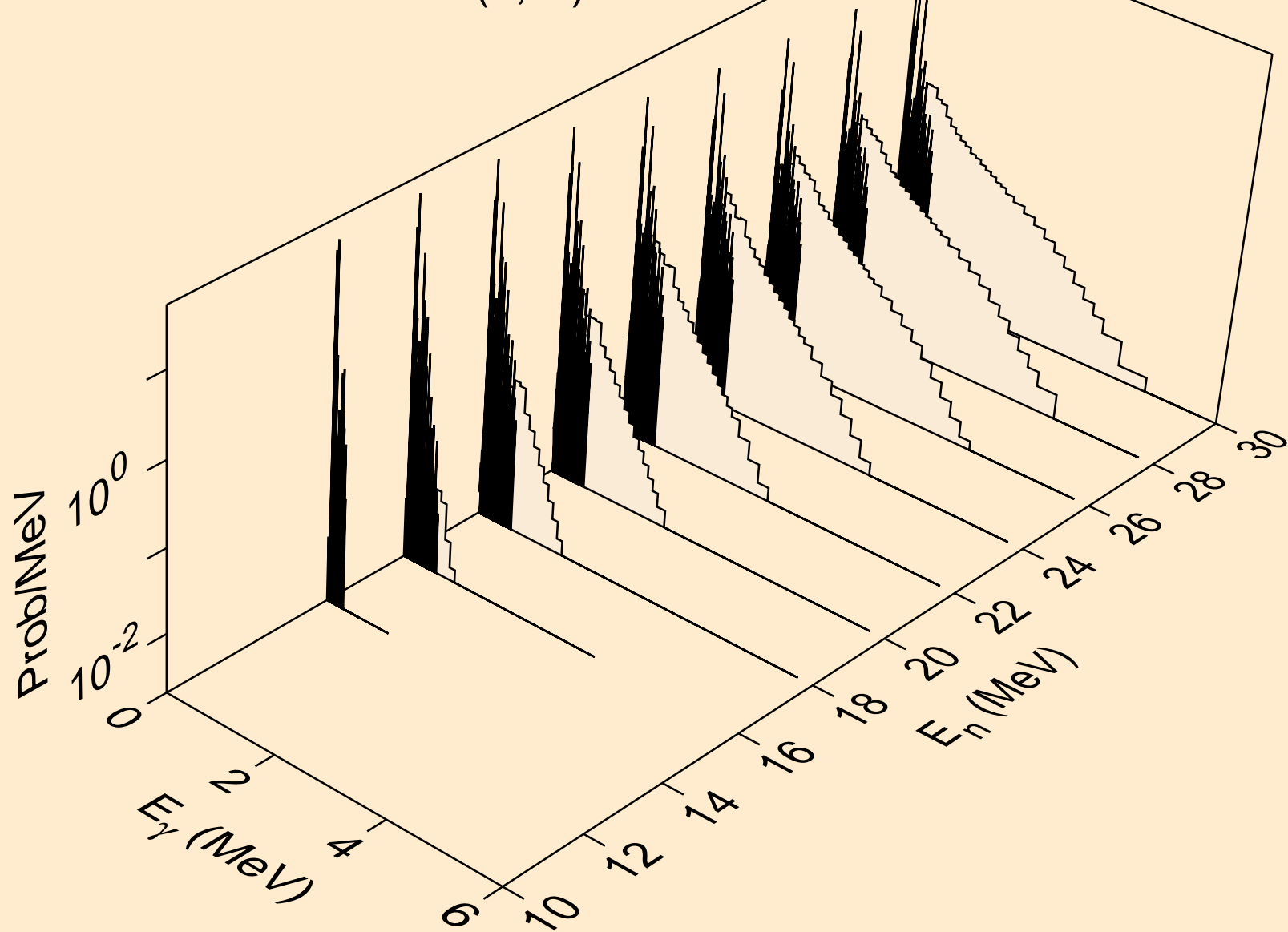
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Photon emission for (n,3n)a



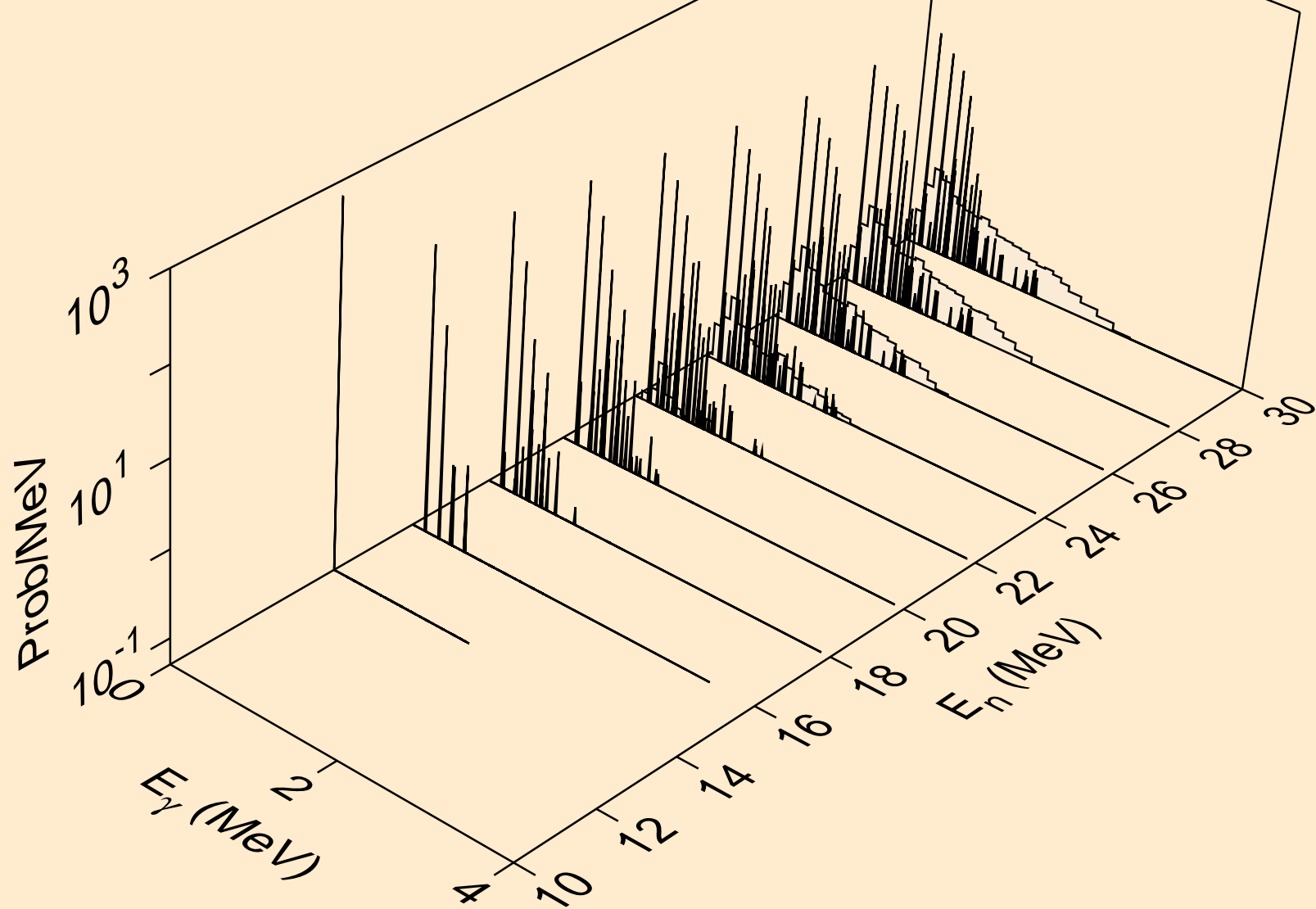
OS191M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



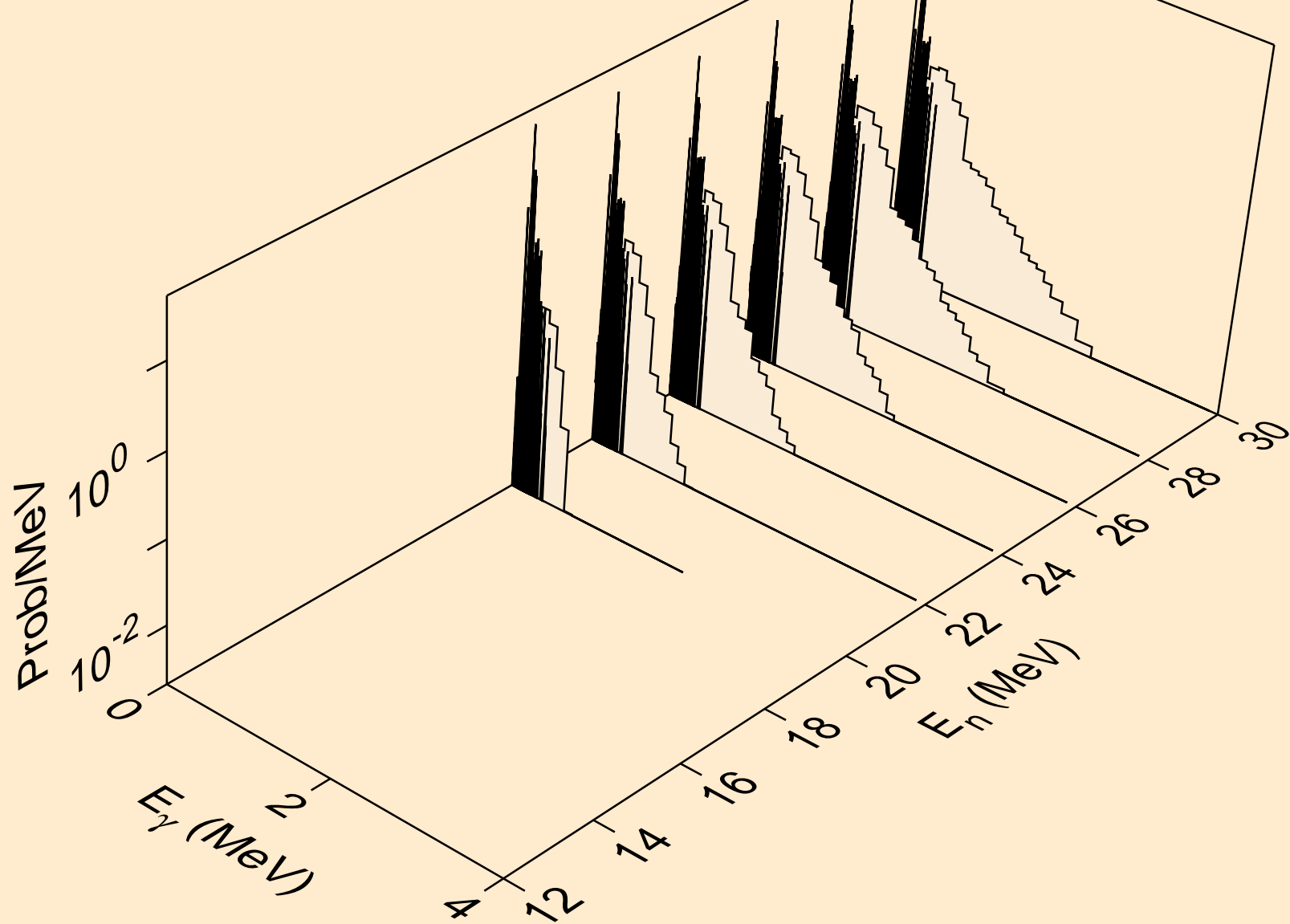
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Photon emission for (n,n\*)d



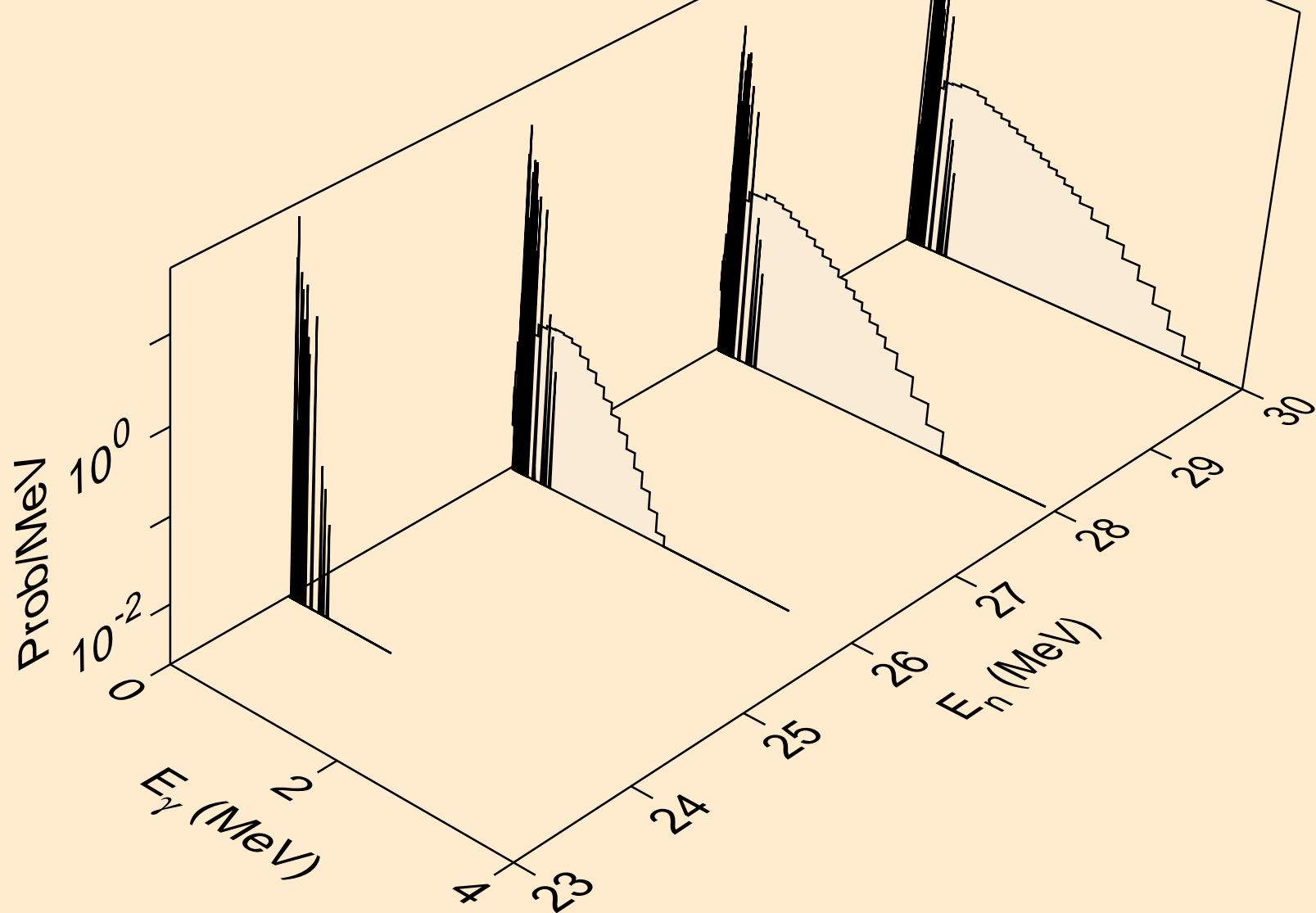
OS191M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



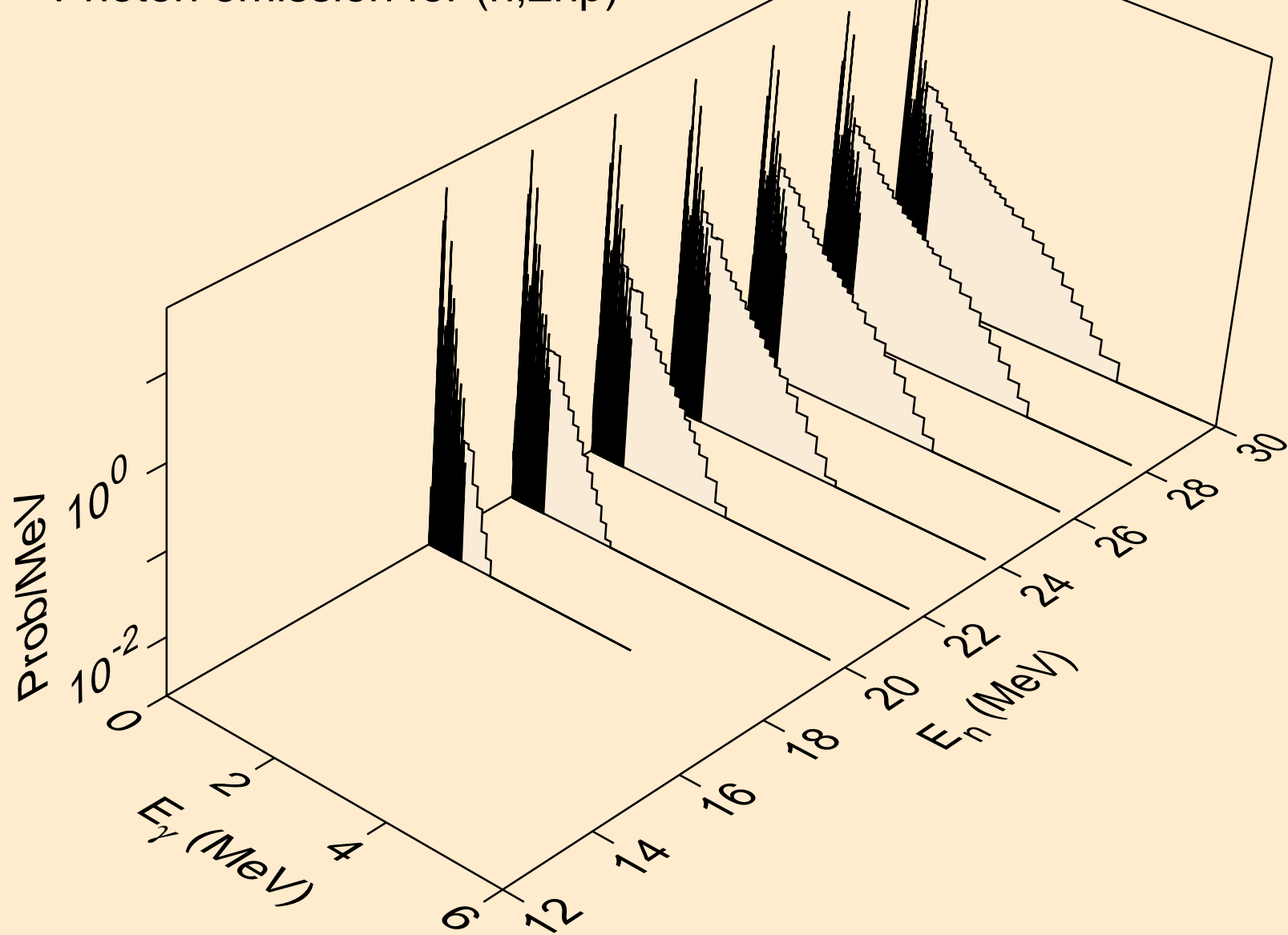
OS191M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



OS191M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)

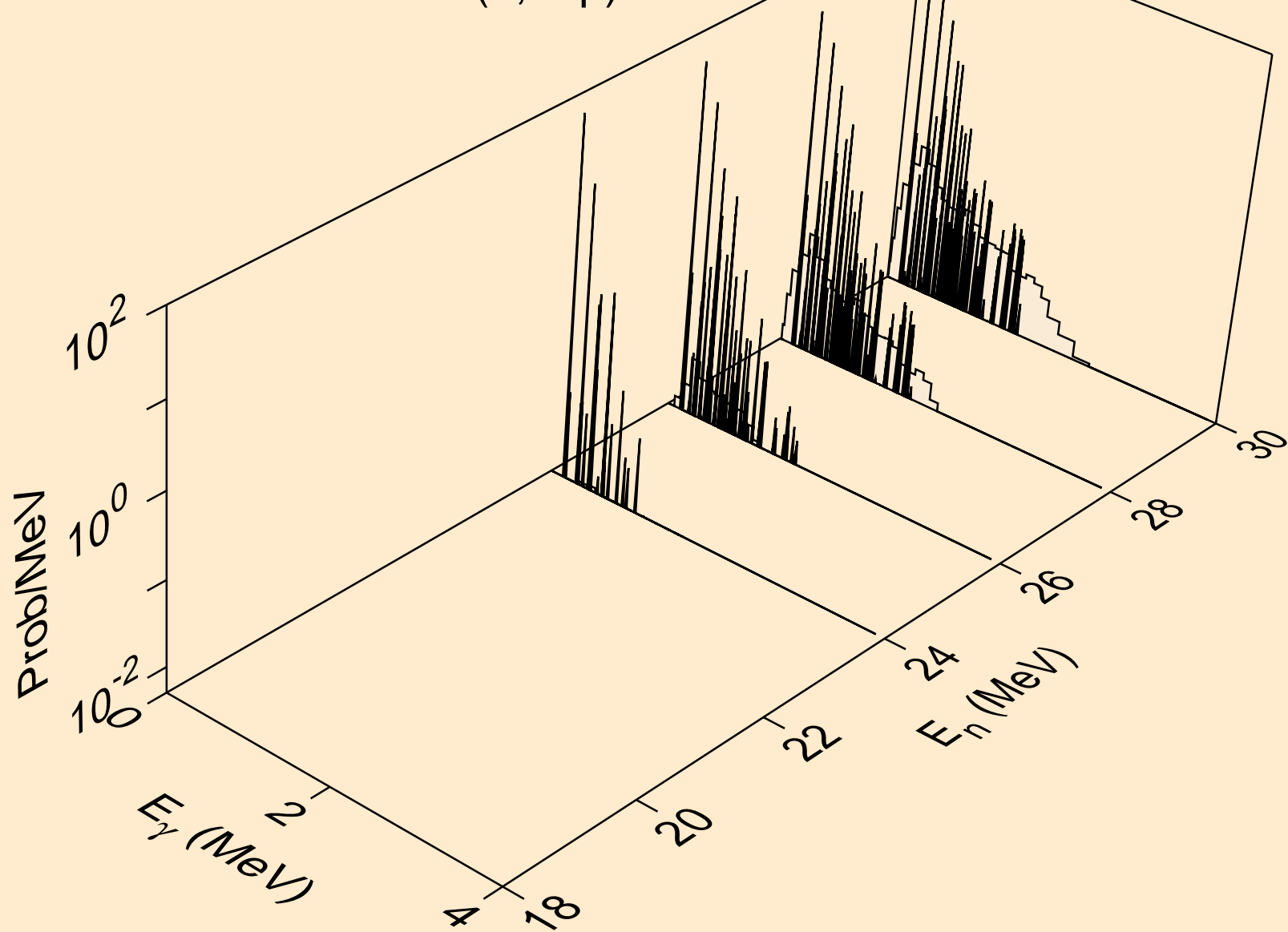


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Photon emission for (n,2np)

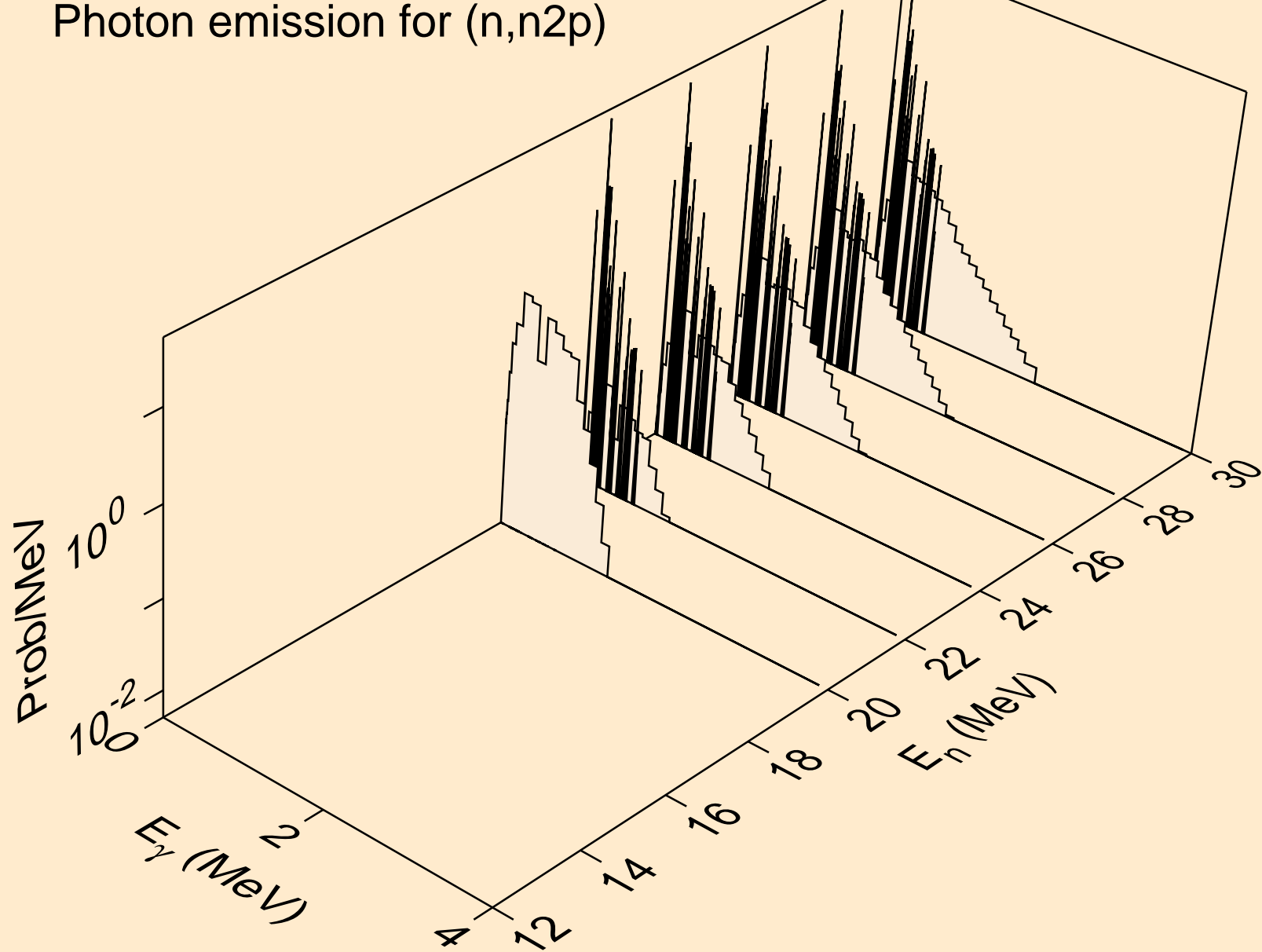




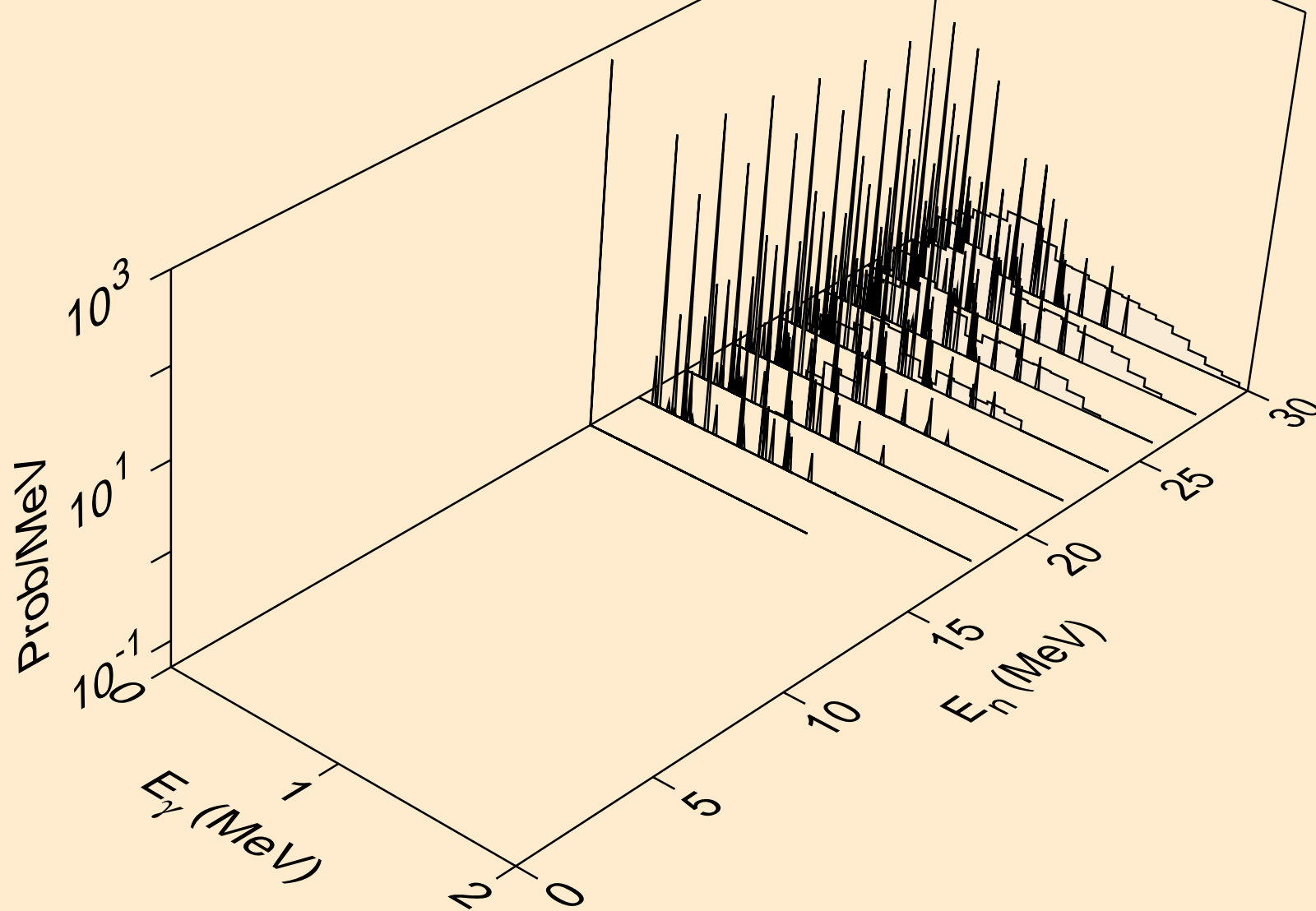
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Photon emission for (n,3np)



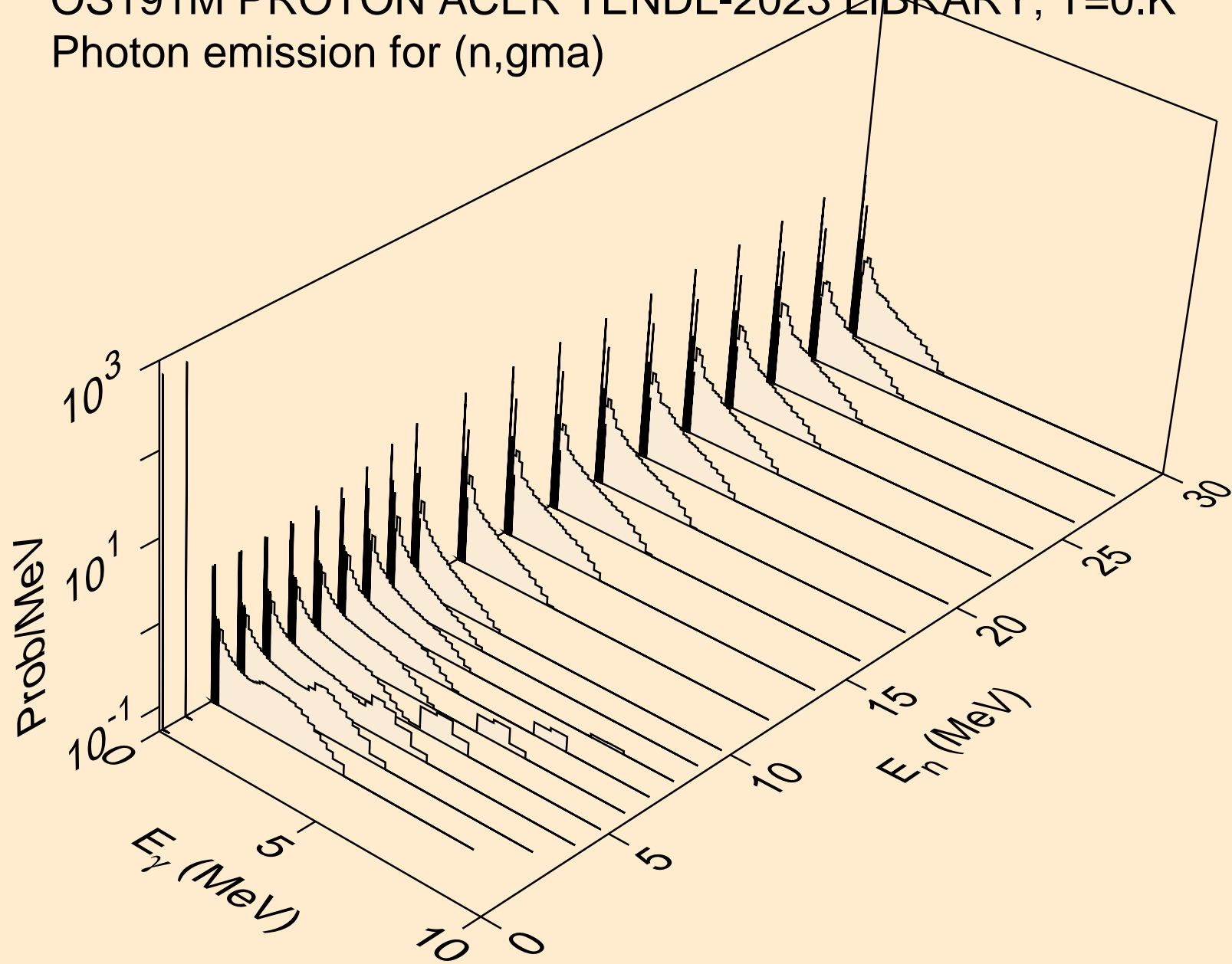
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Photon emission for (n,n2p)



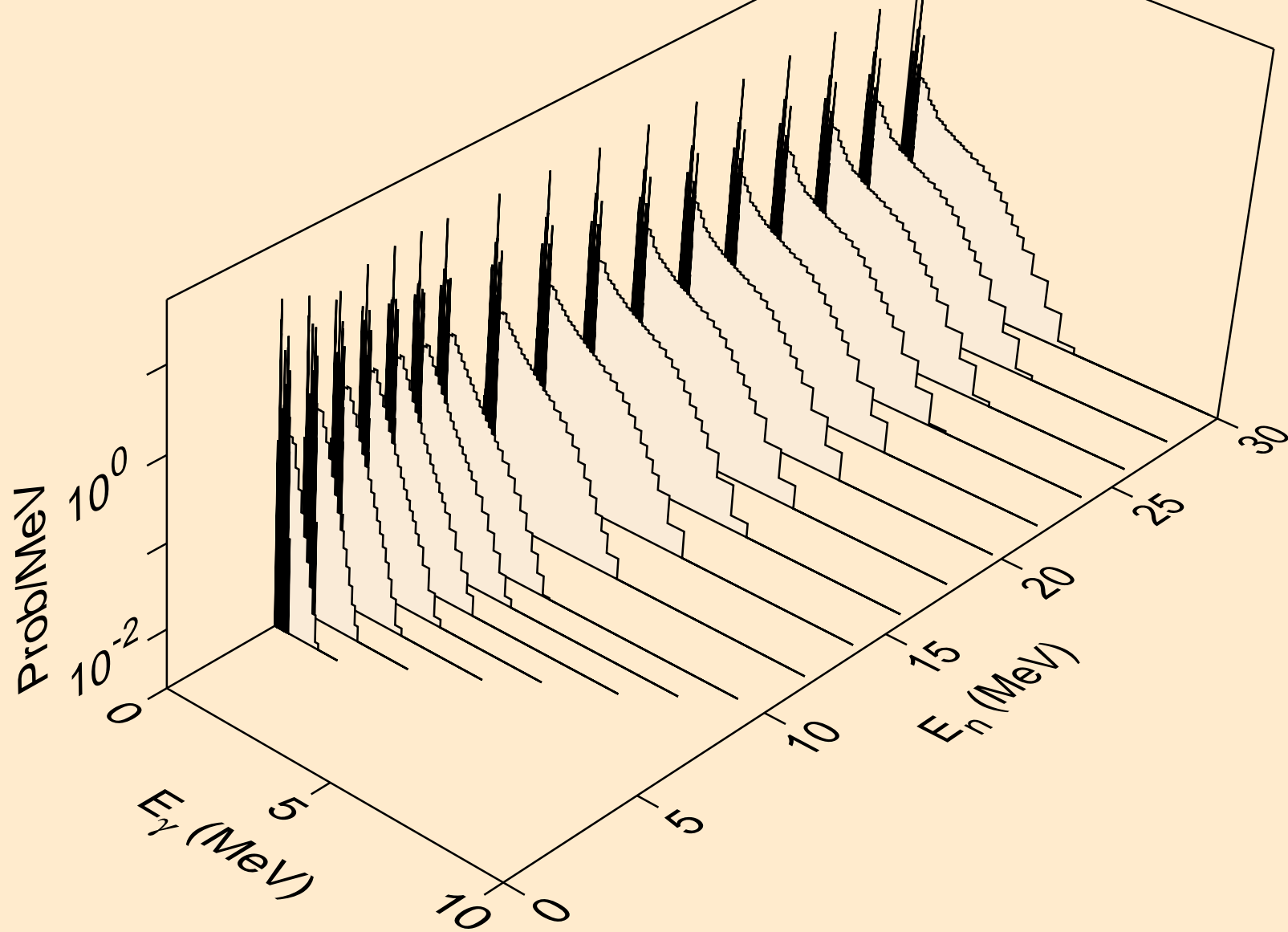
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Photon emission for (n,npa)



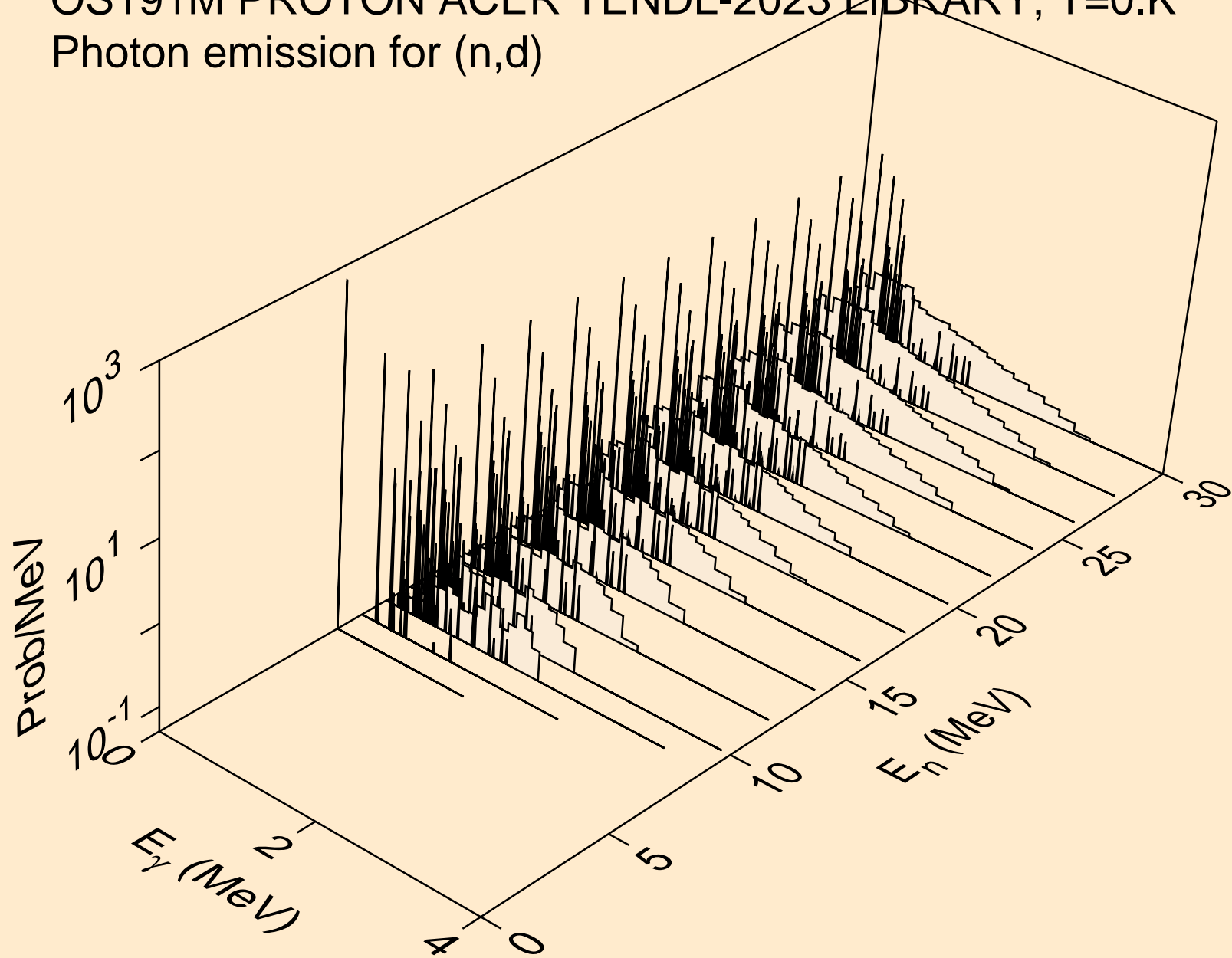
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Photon emission for (n,gma)



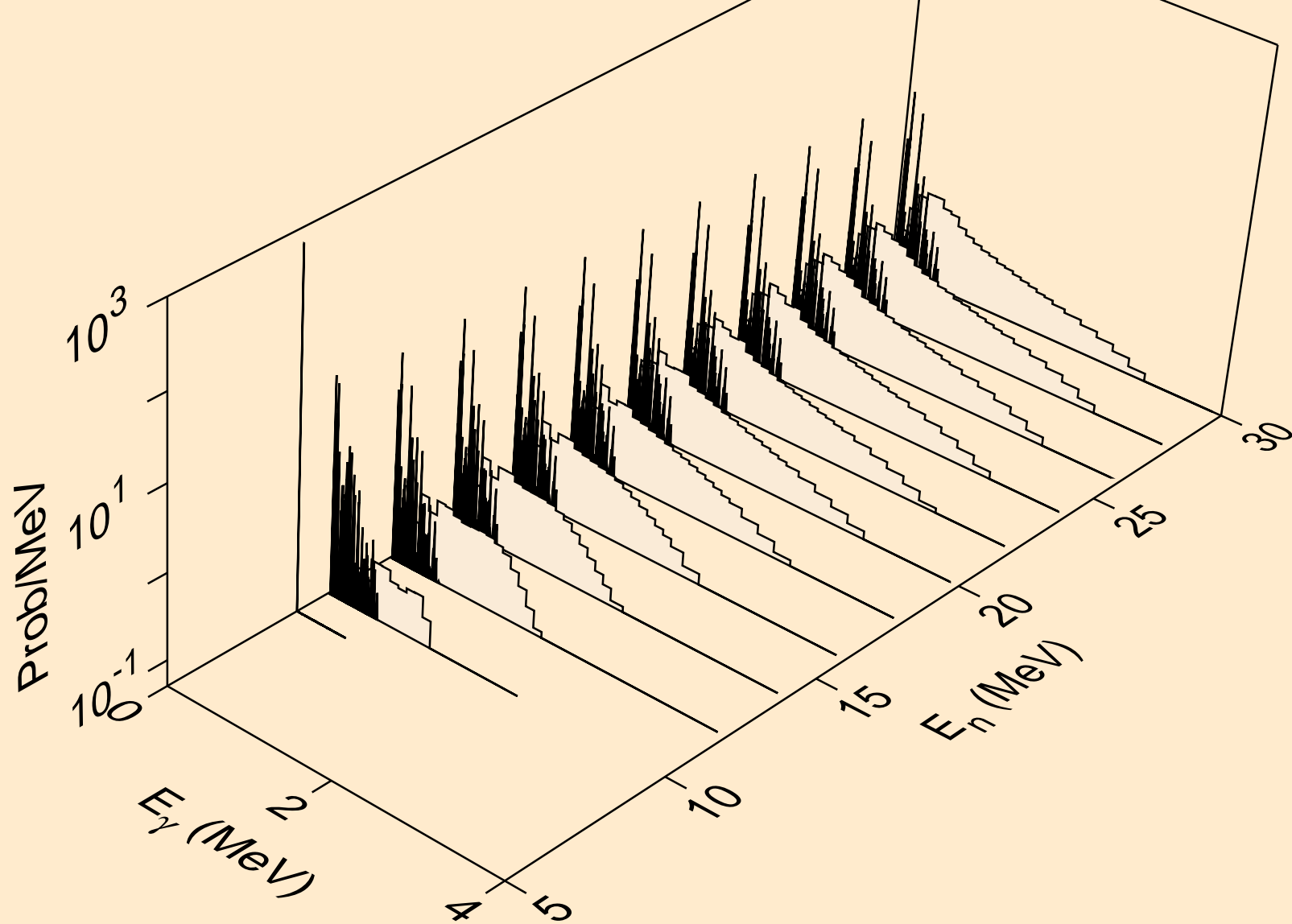
OS191M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



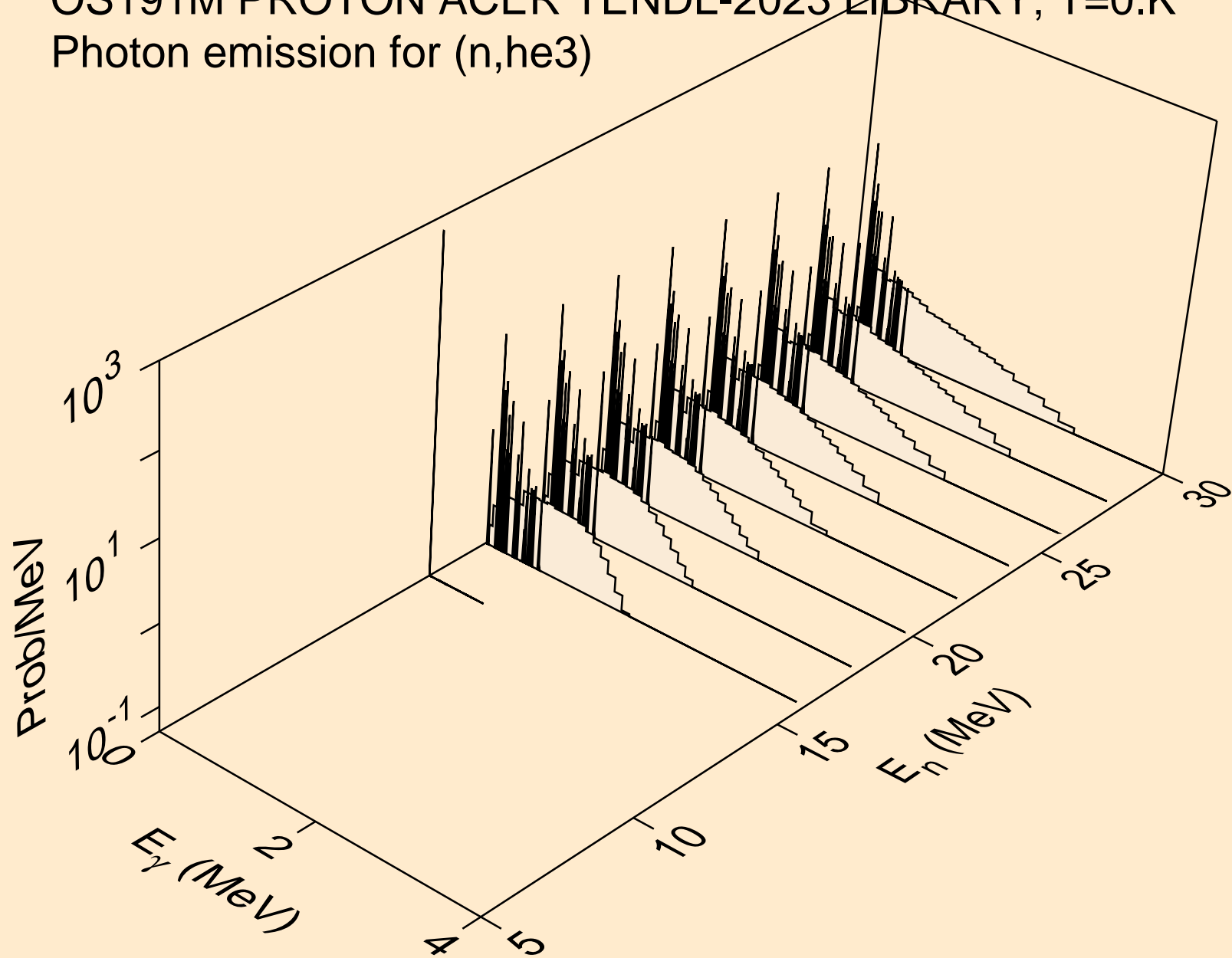
OS191M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



OS191M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)

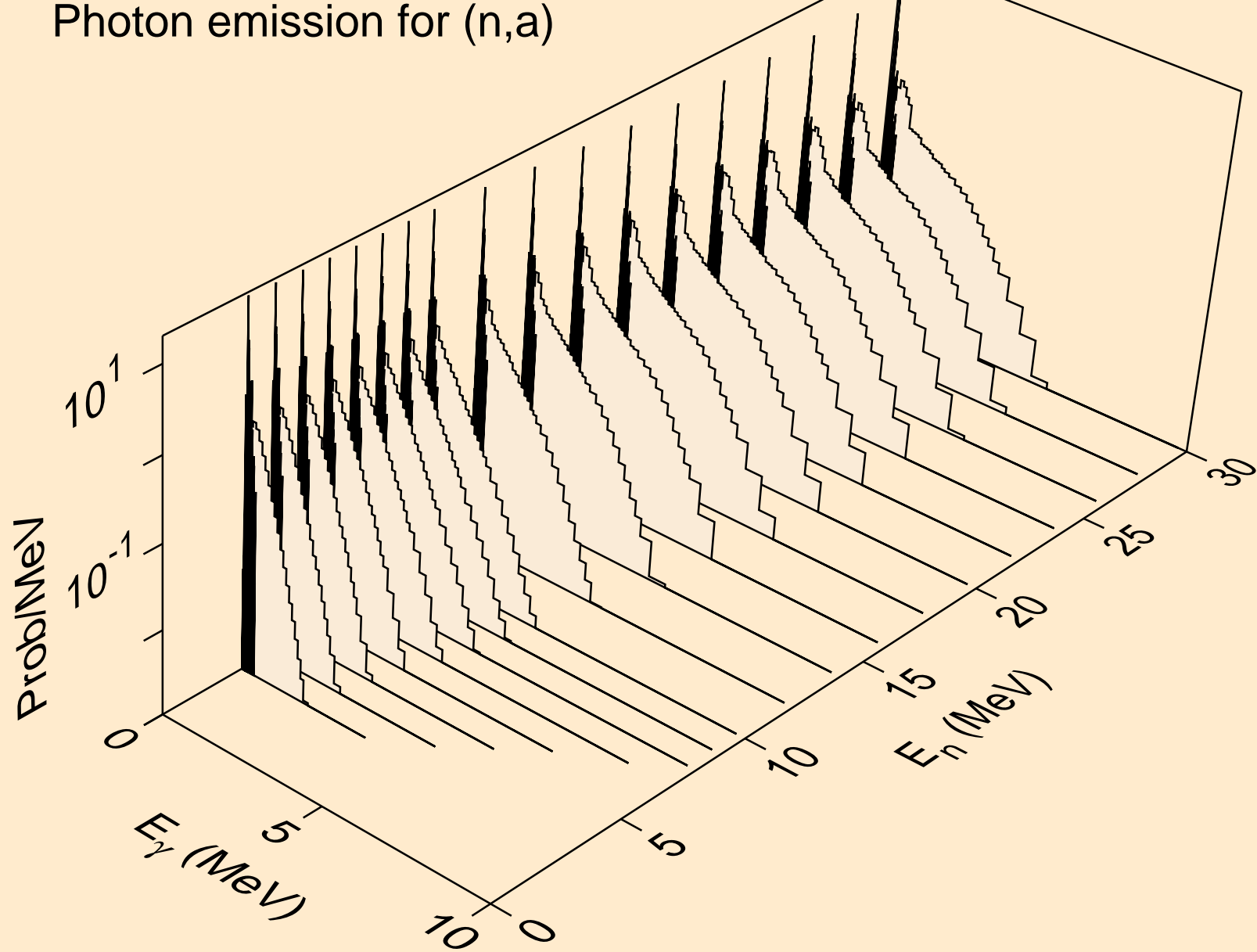


OS191M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)

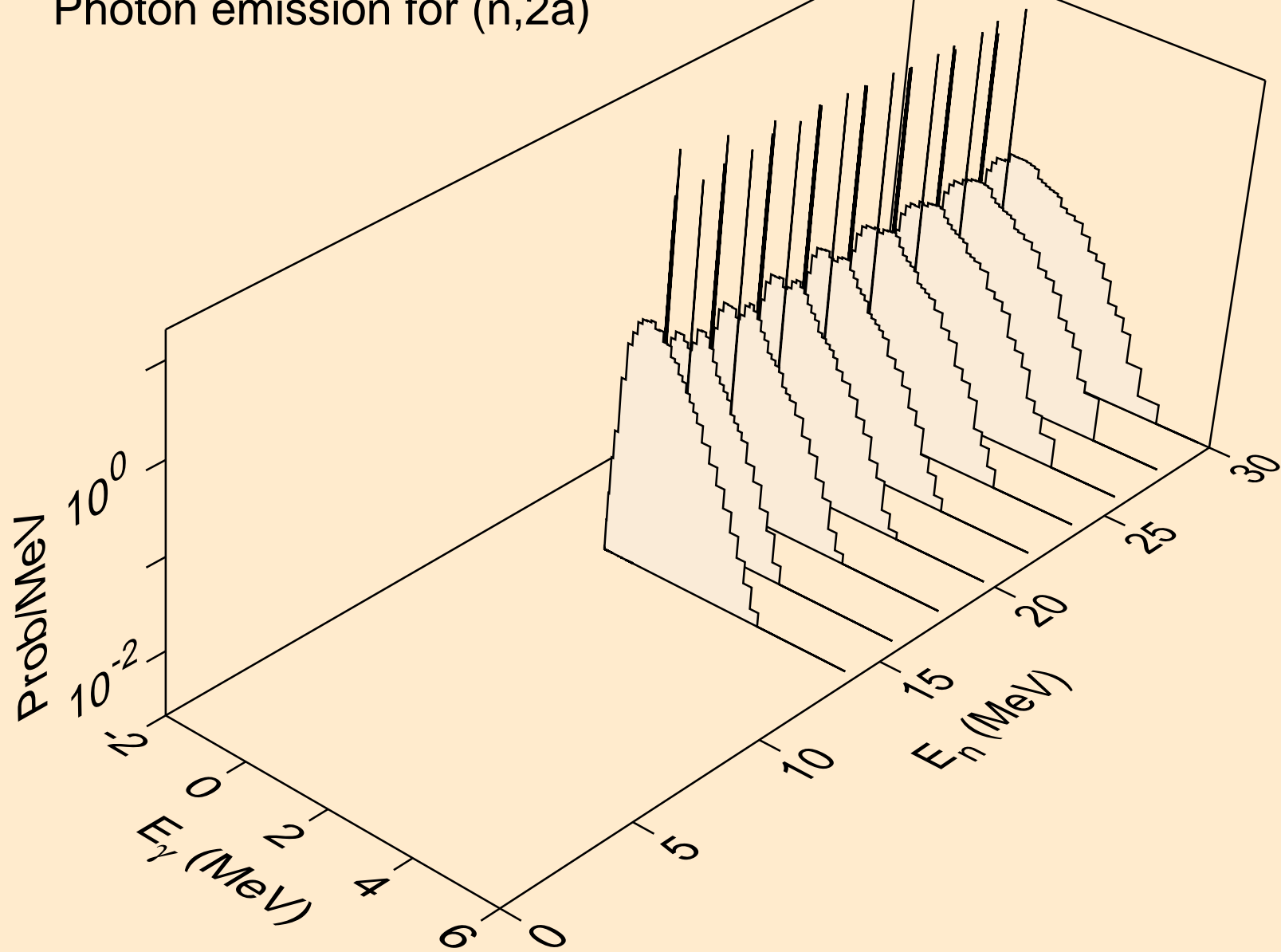




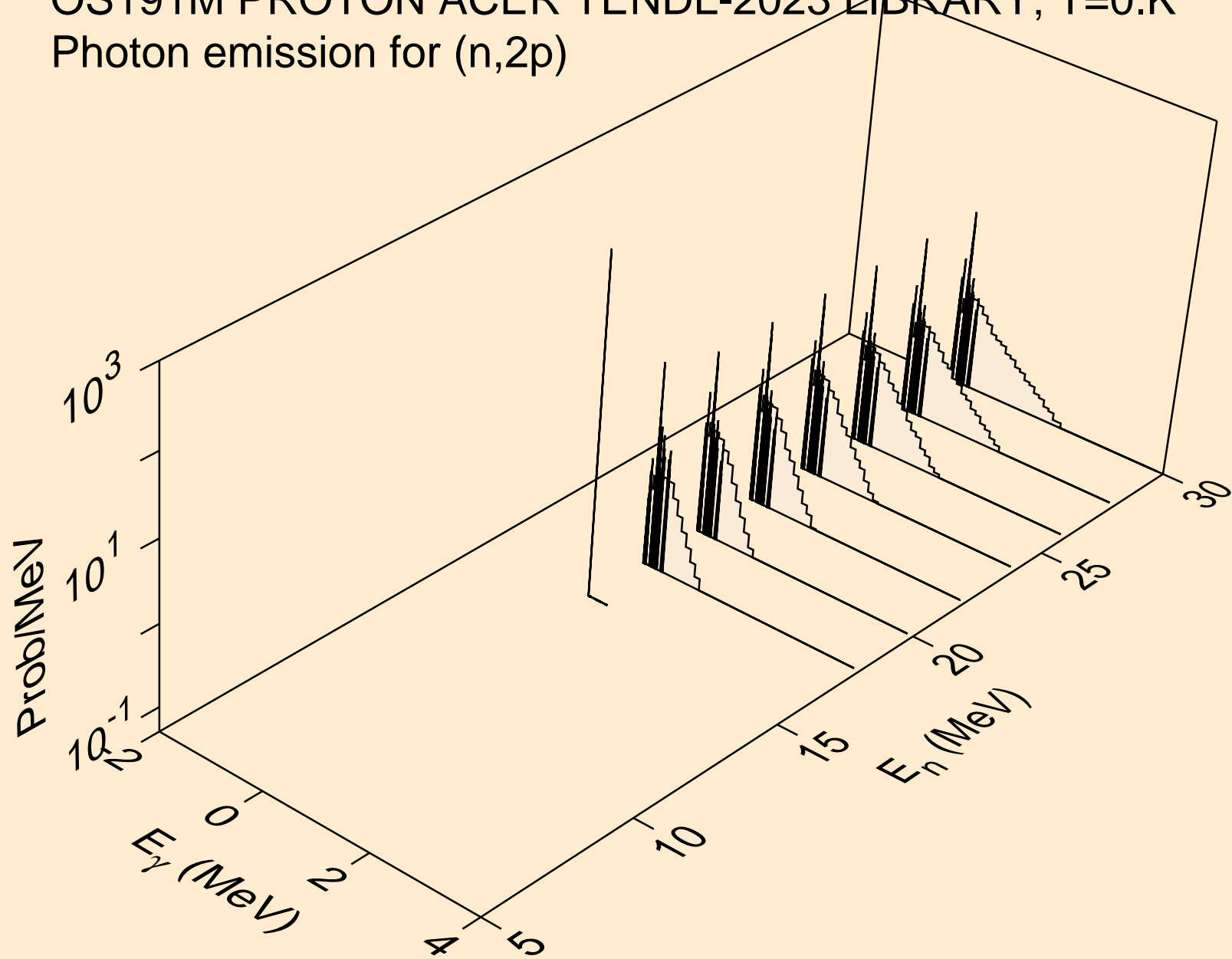
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Photon emission for (n,a)



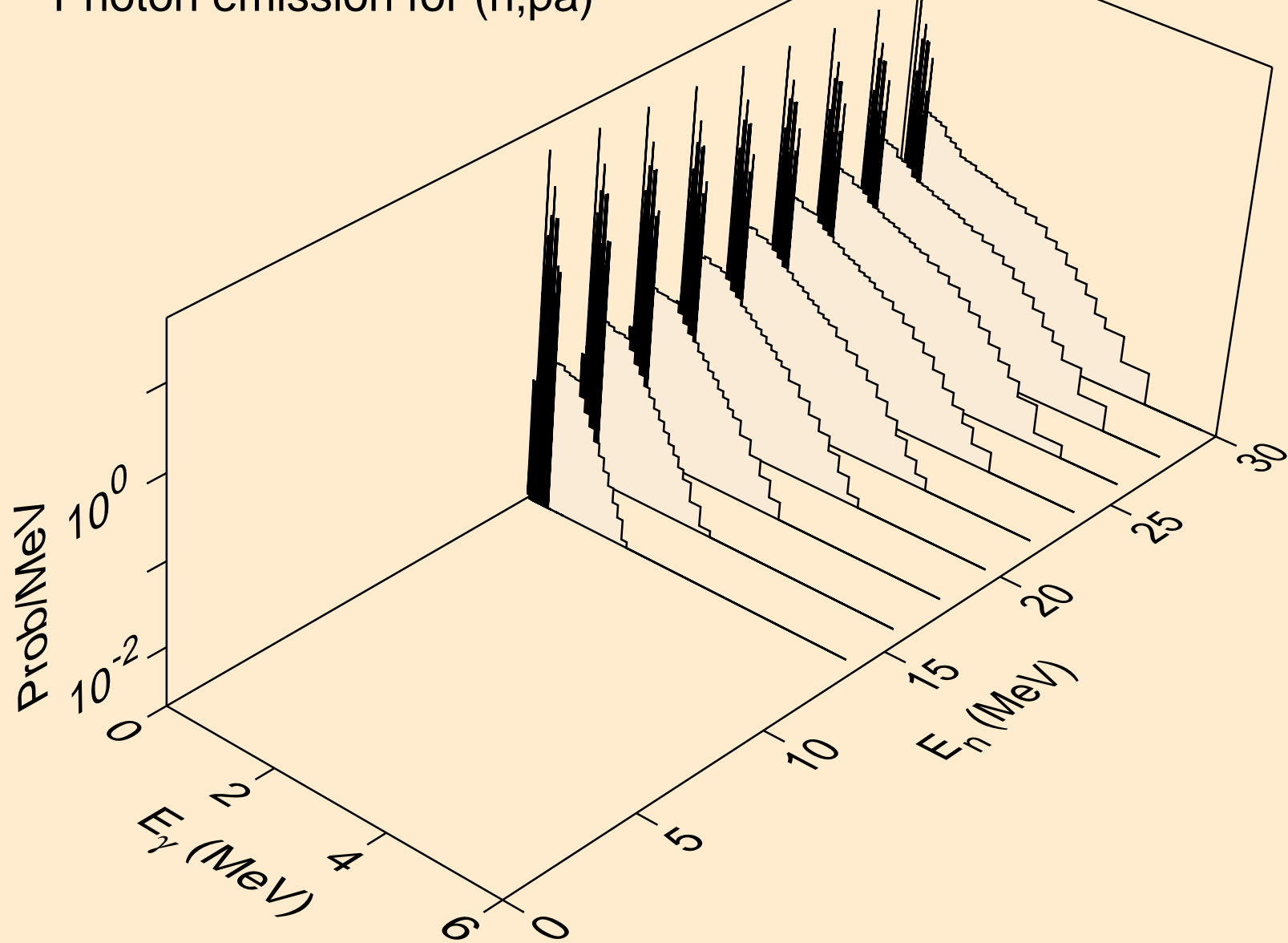
OS191M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



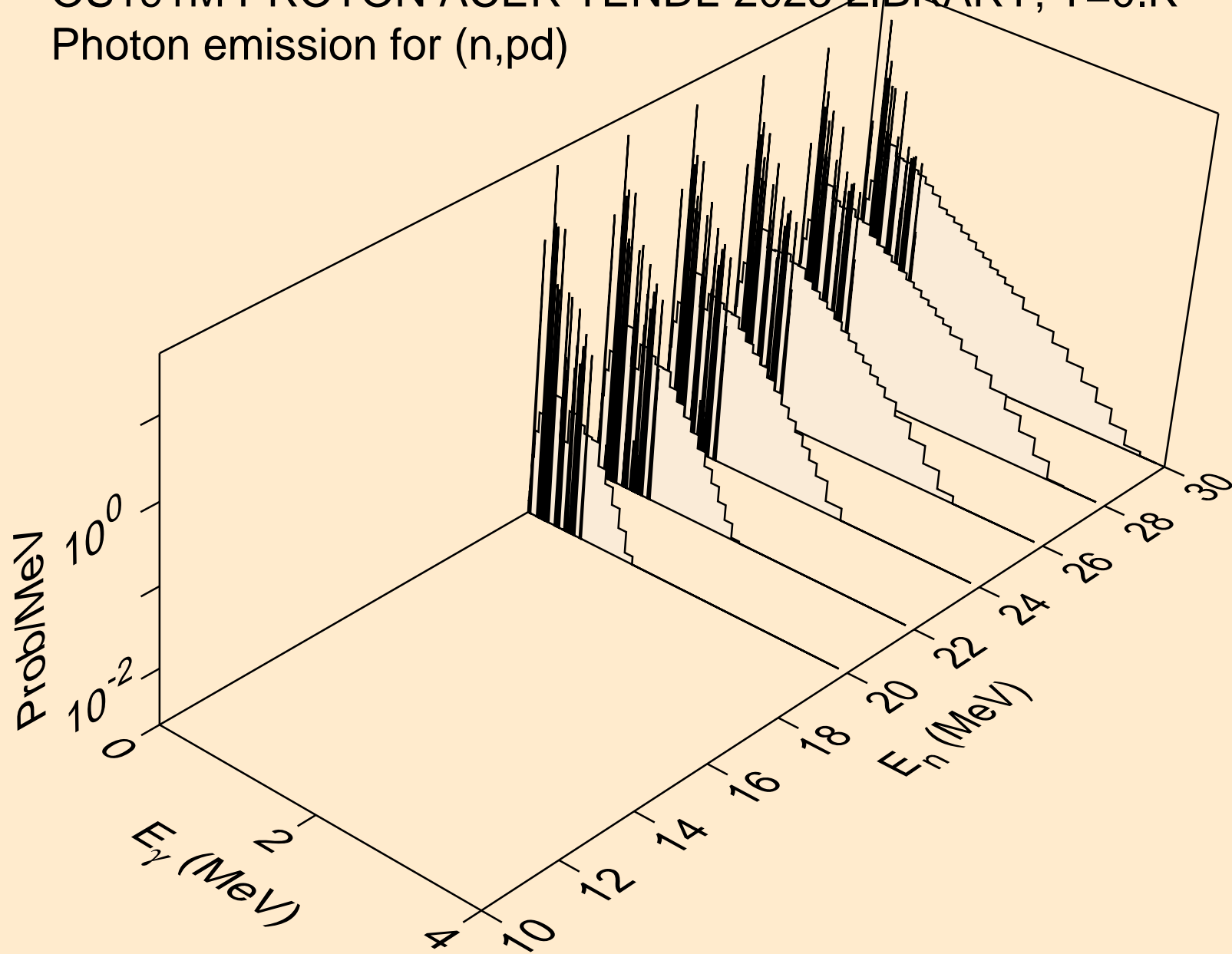
OS191M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



OS191M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)

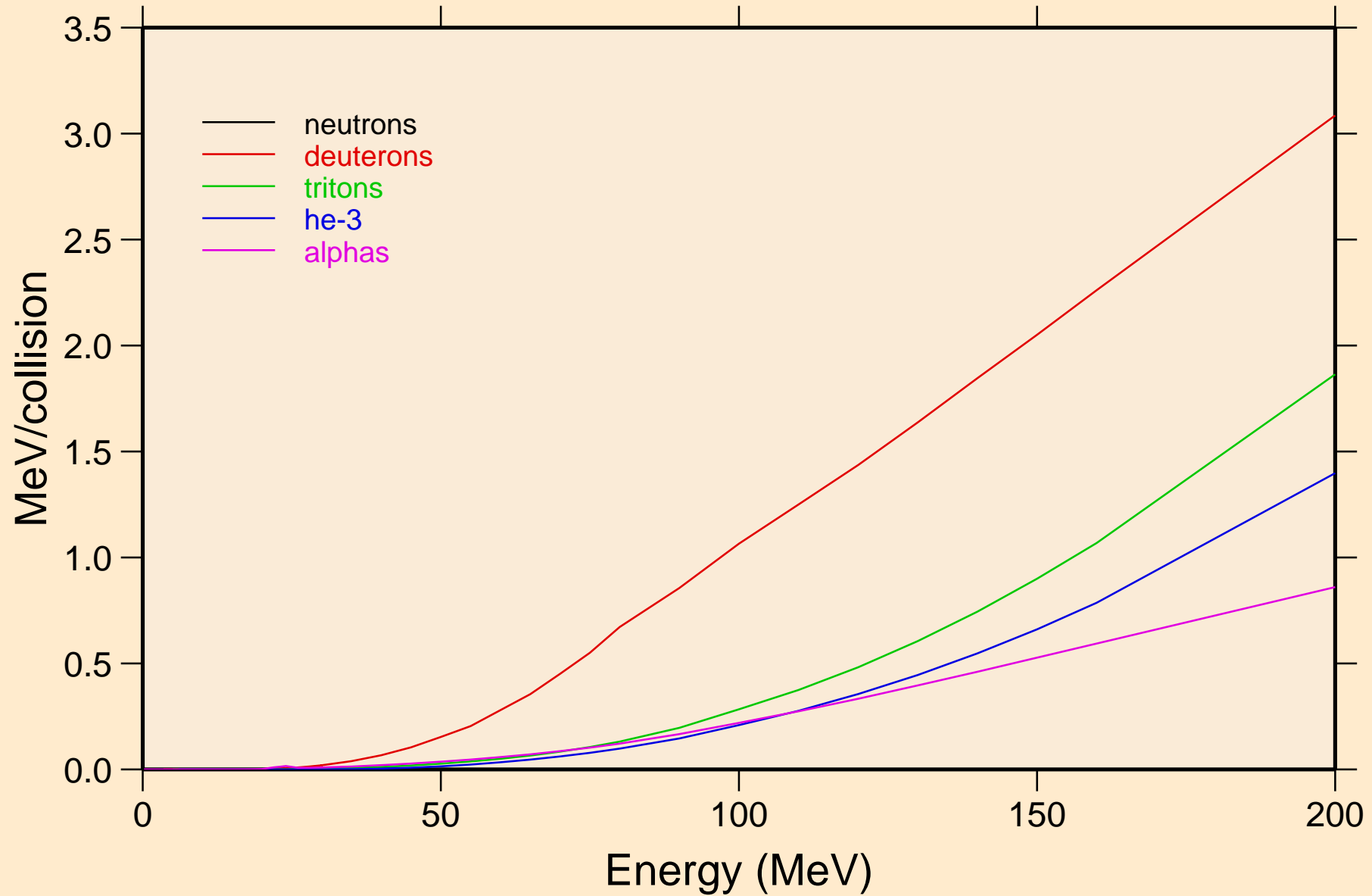


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Photon emission for (n,pd)

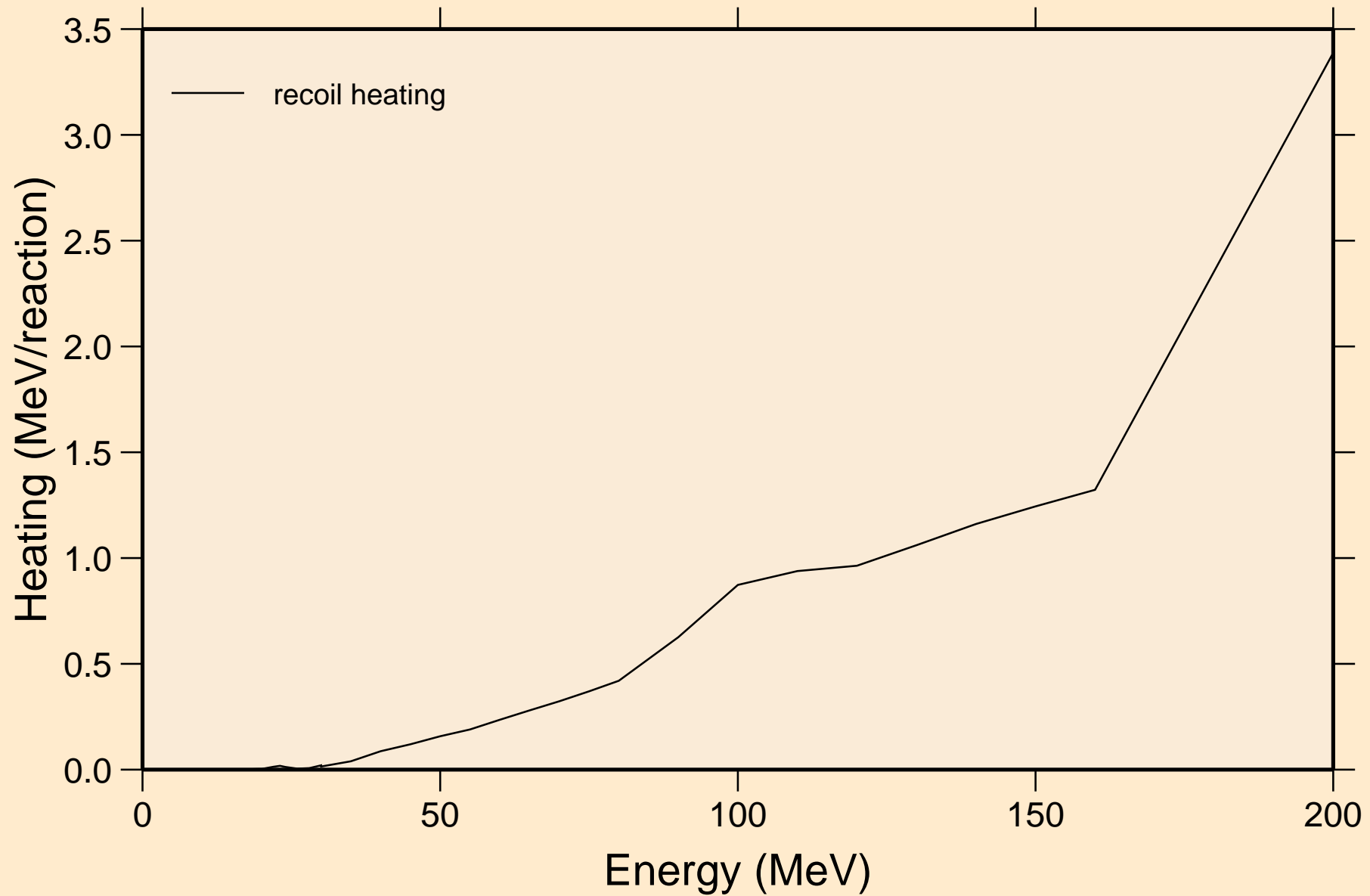


# OS191M PROTON ACER TENDL-2023 LIBRARY; T=0.K

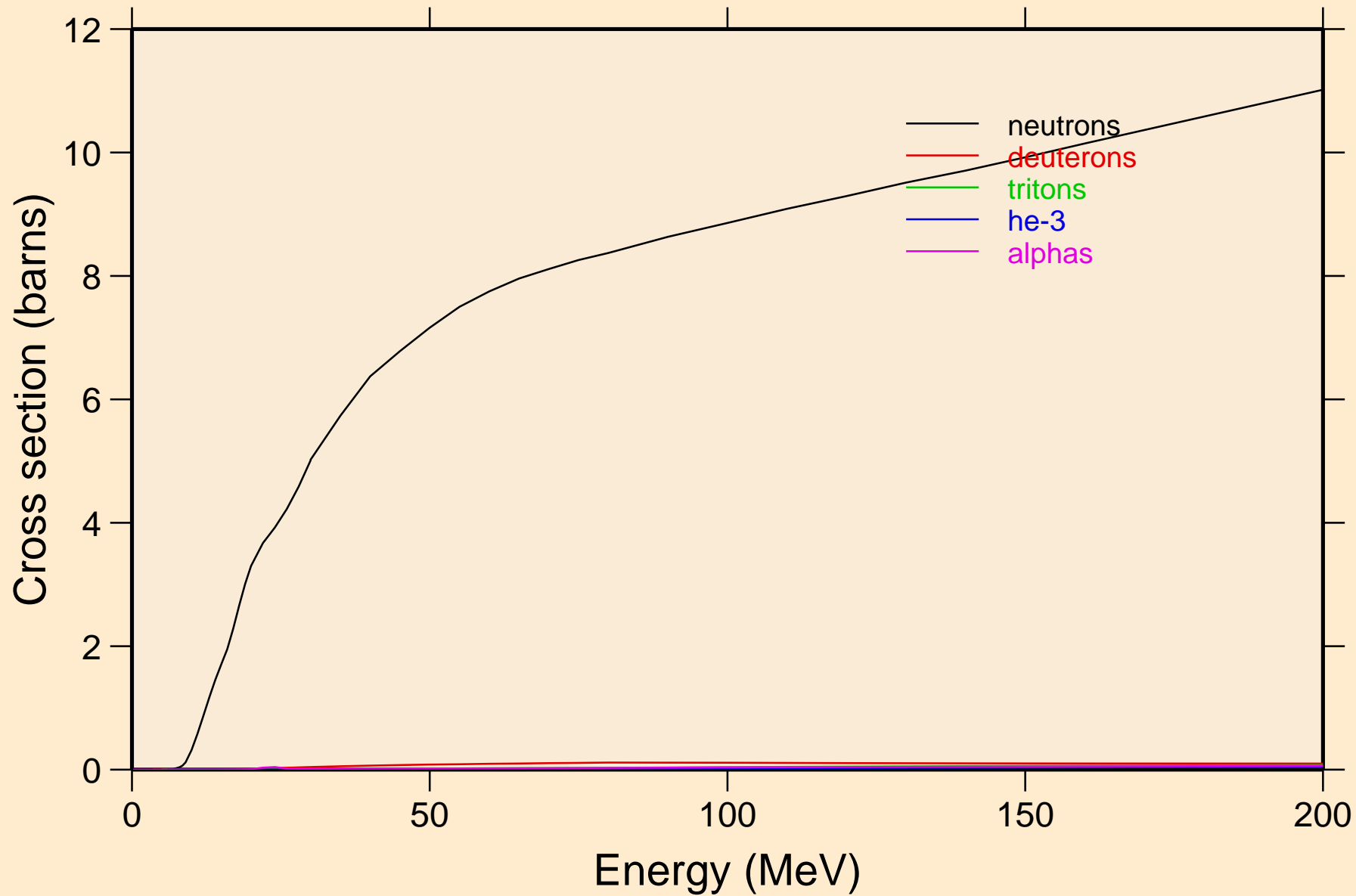
## Particle heating contributions



OS191M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

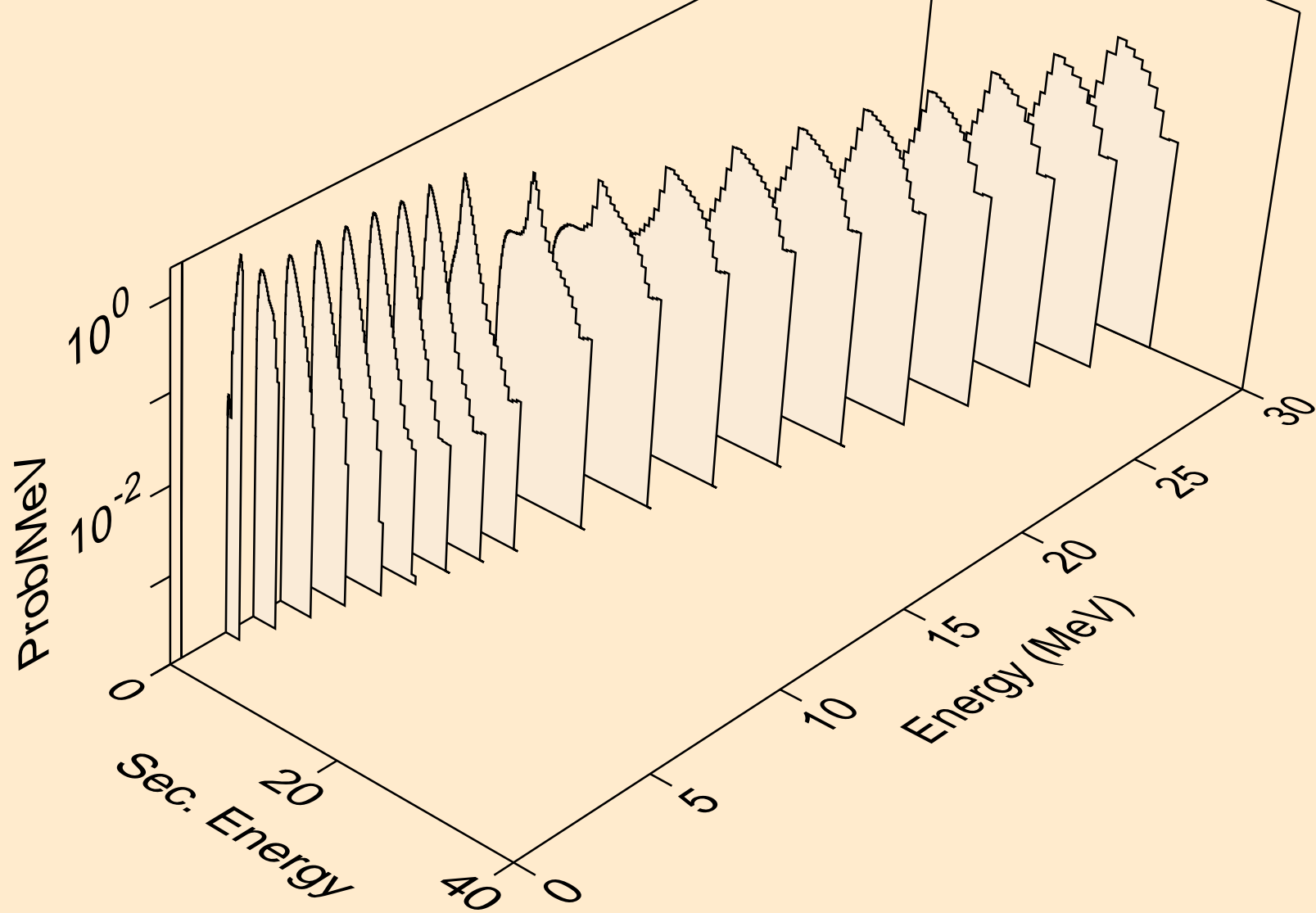


OS191M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections

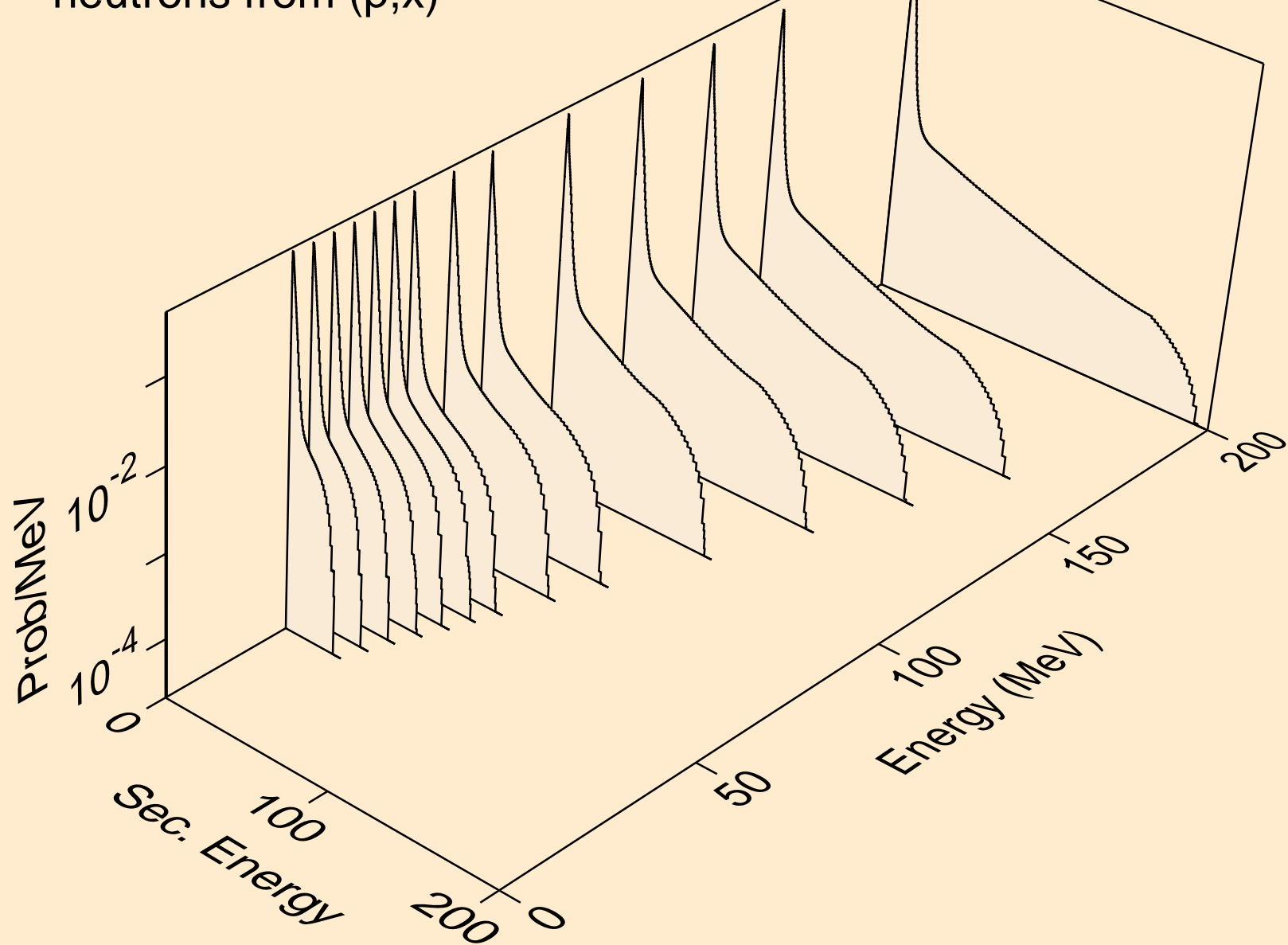




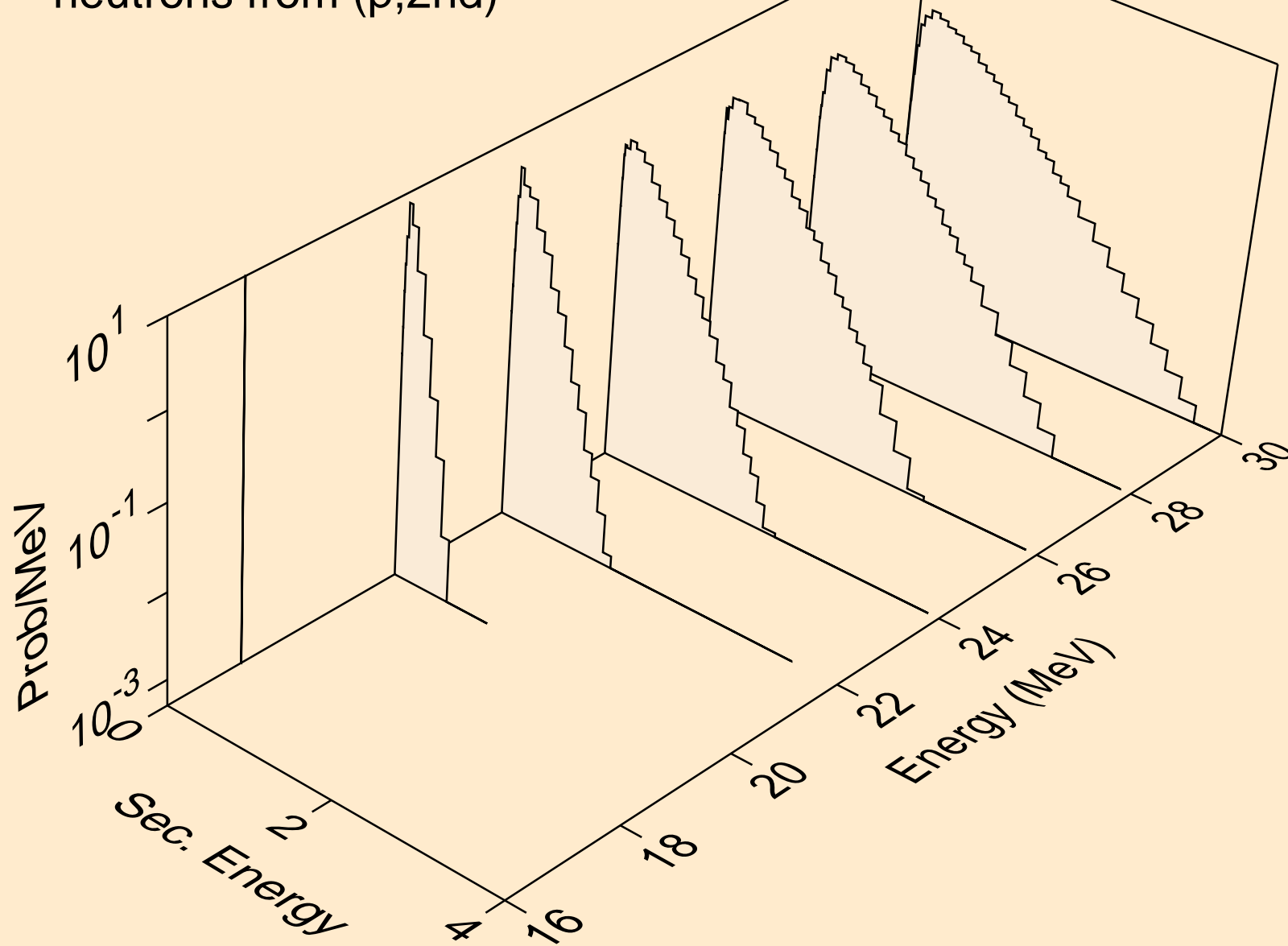
OS191M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)



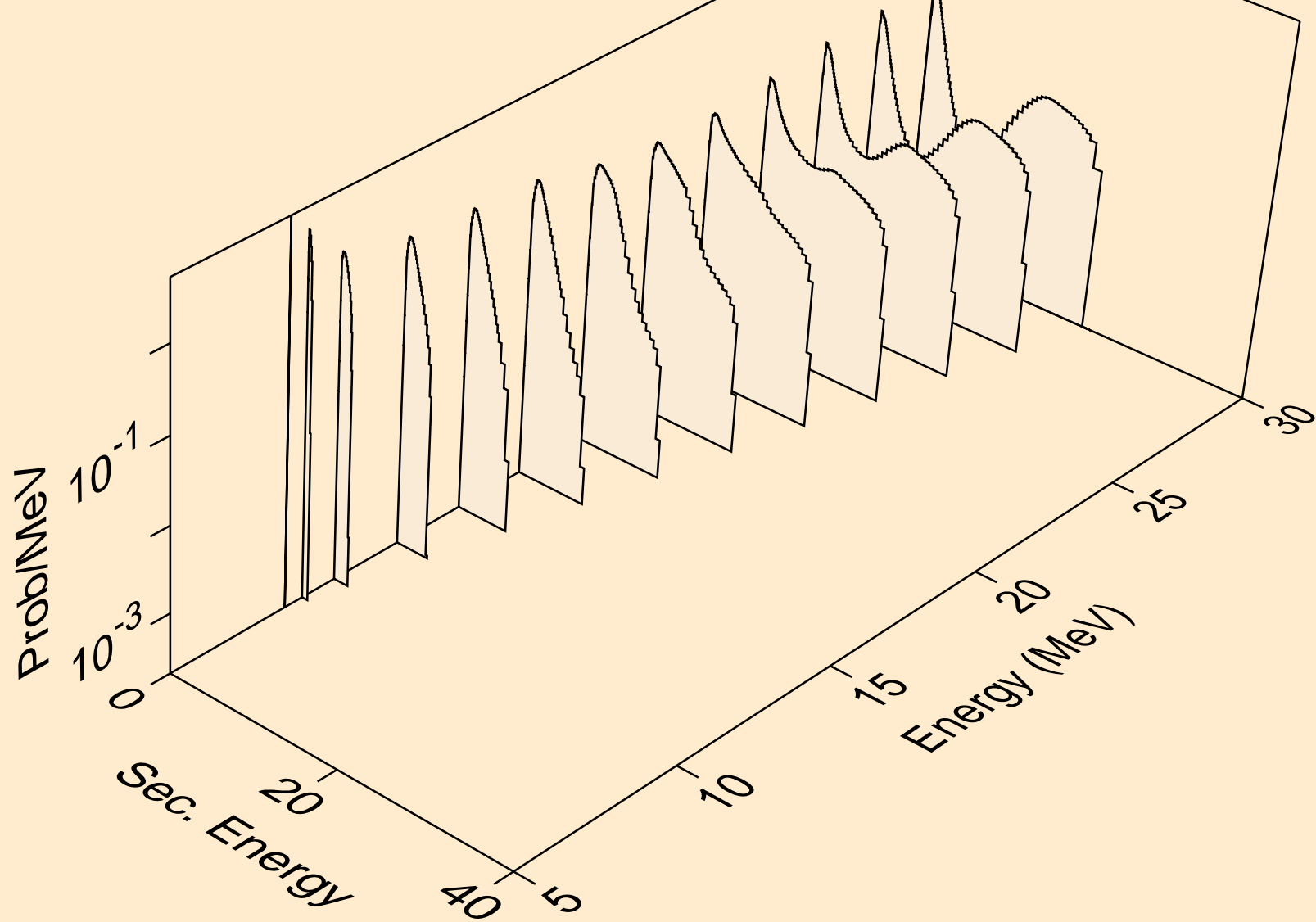
OS191M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)



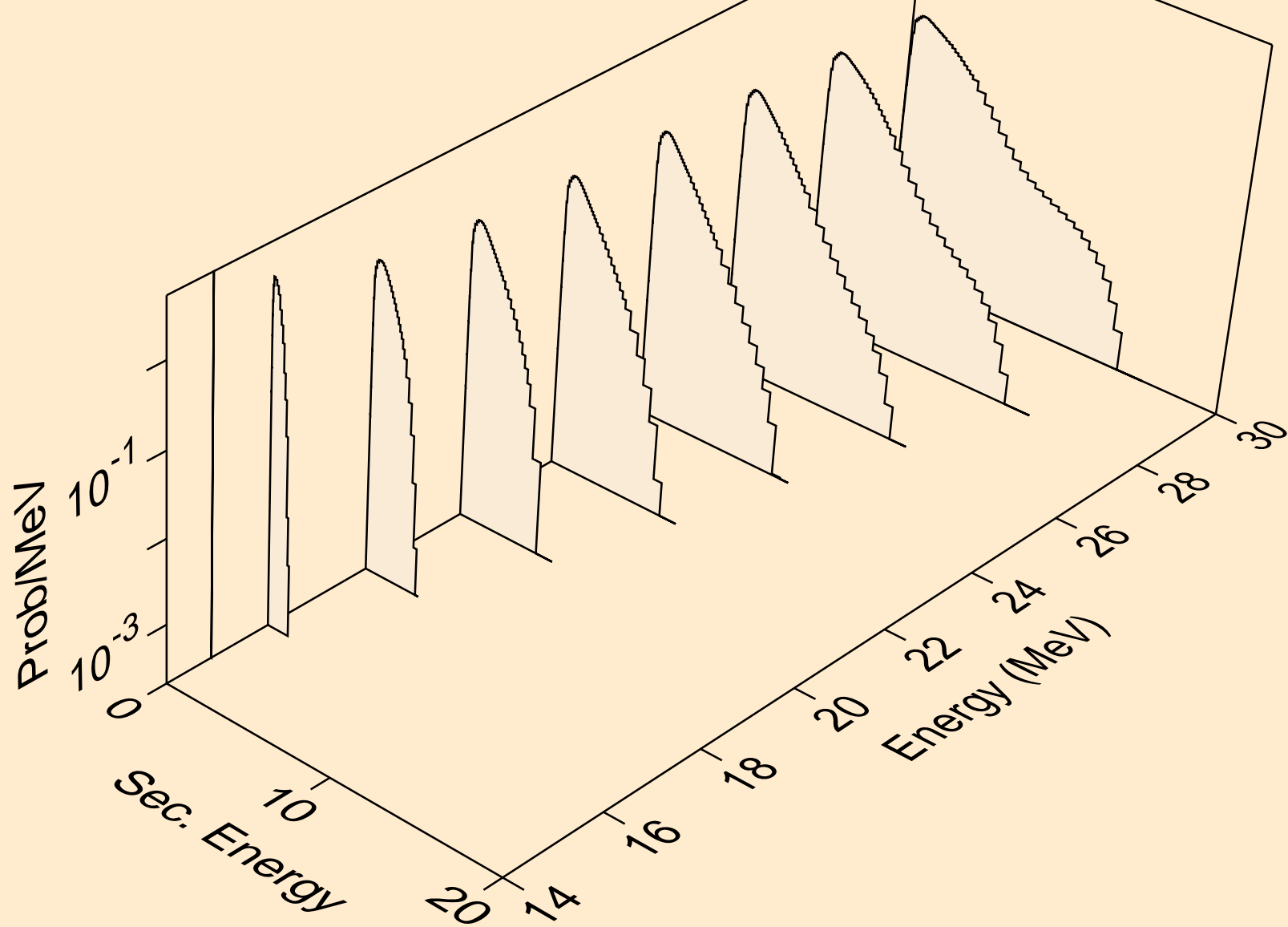
OS191M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2nd)



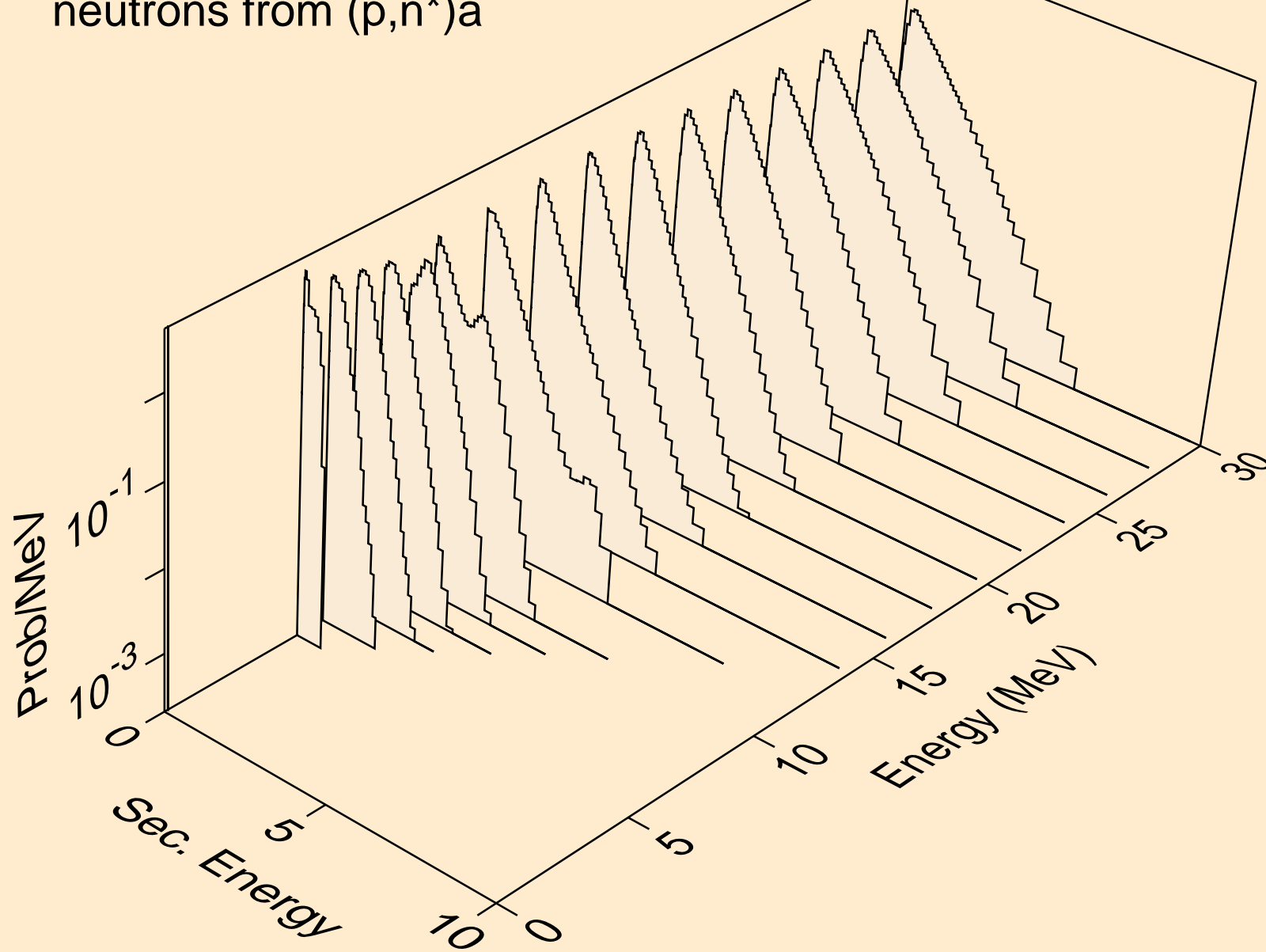
OS191M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)



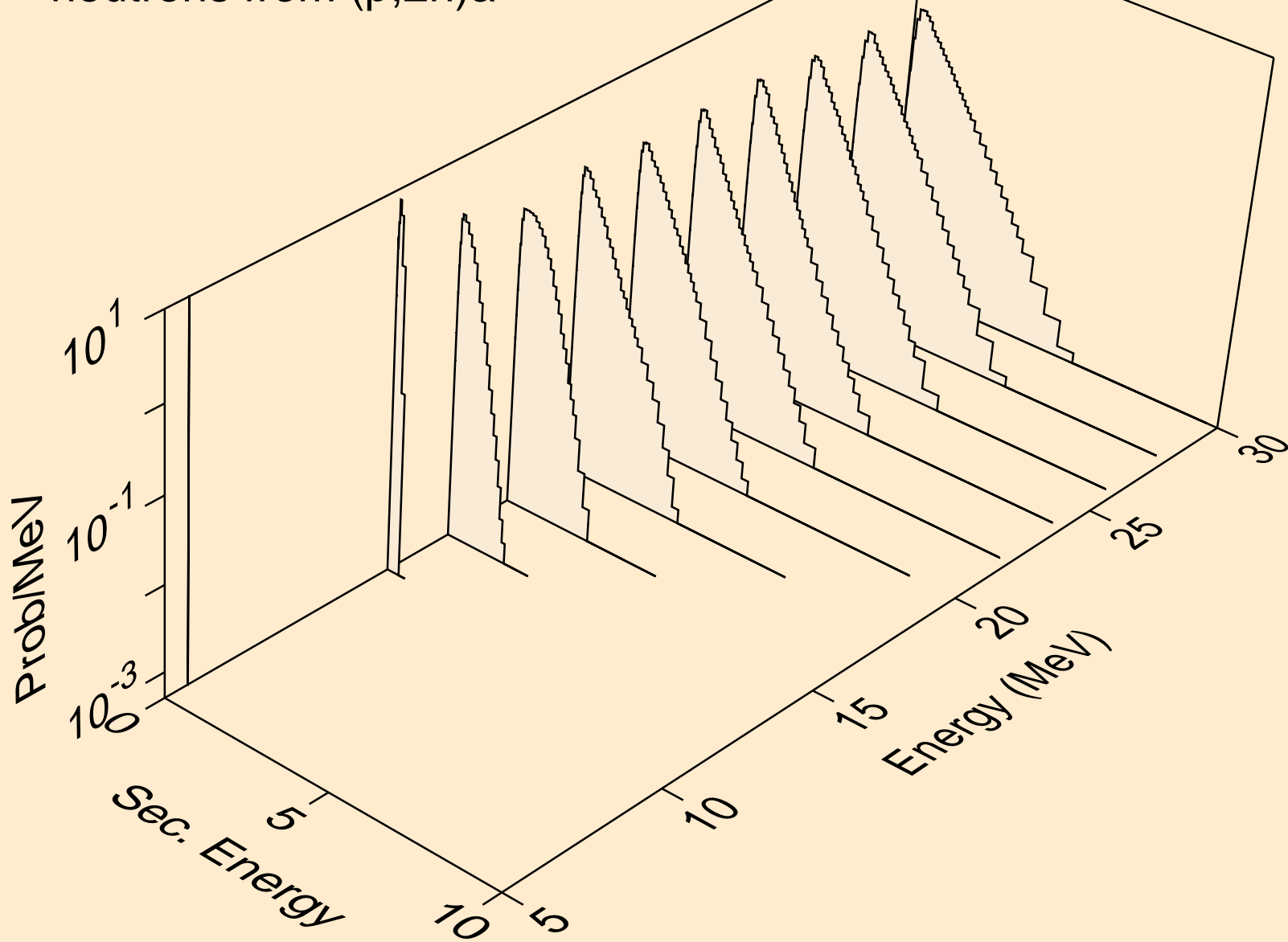
OS191M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)



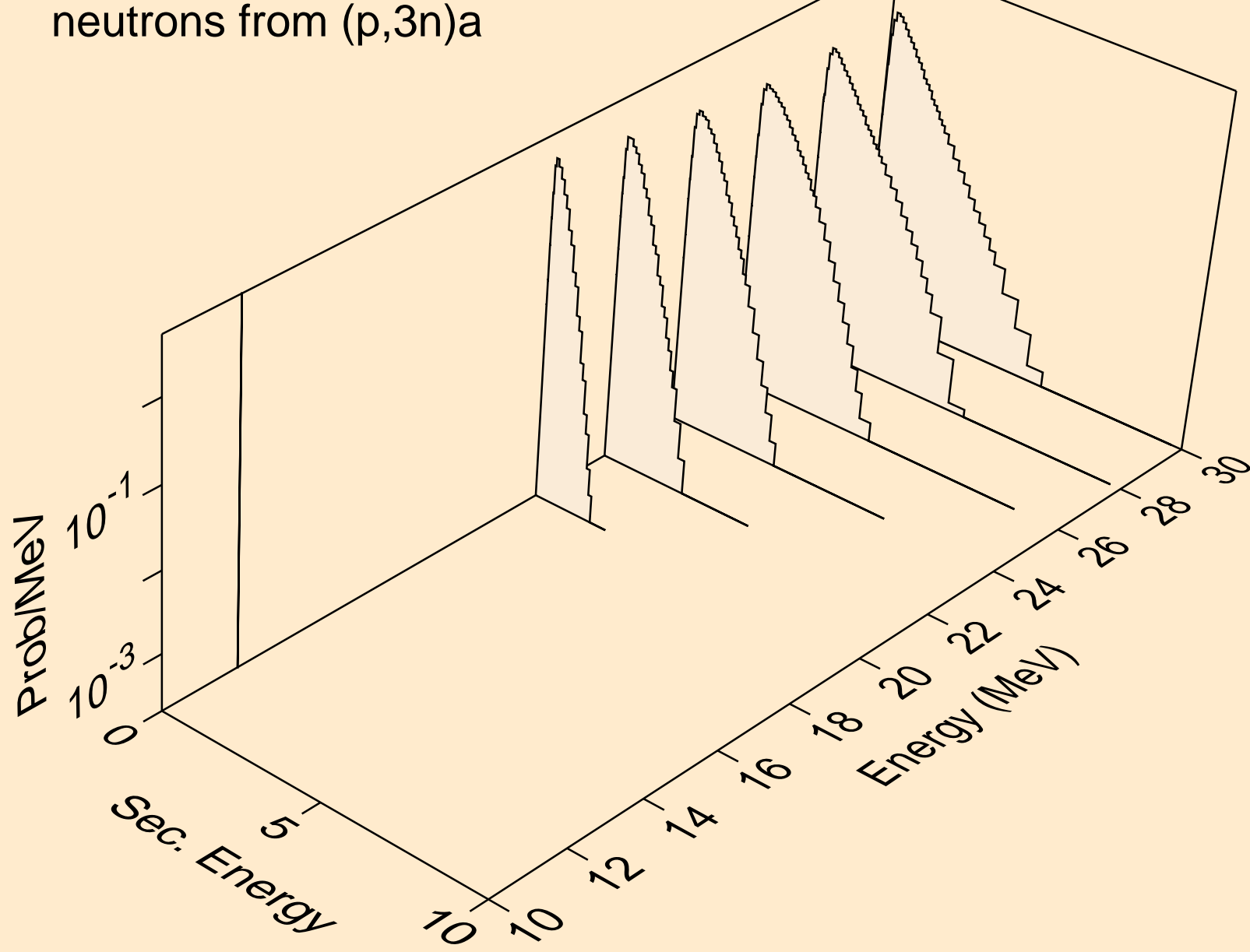
OS191M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a



OS191M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)a

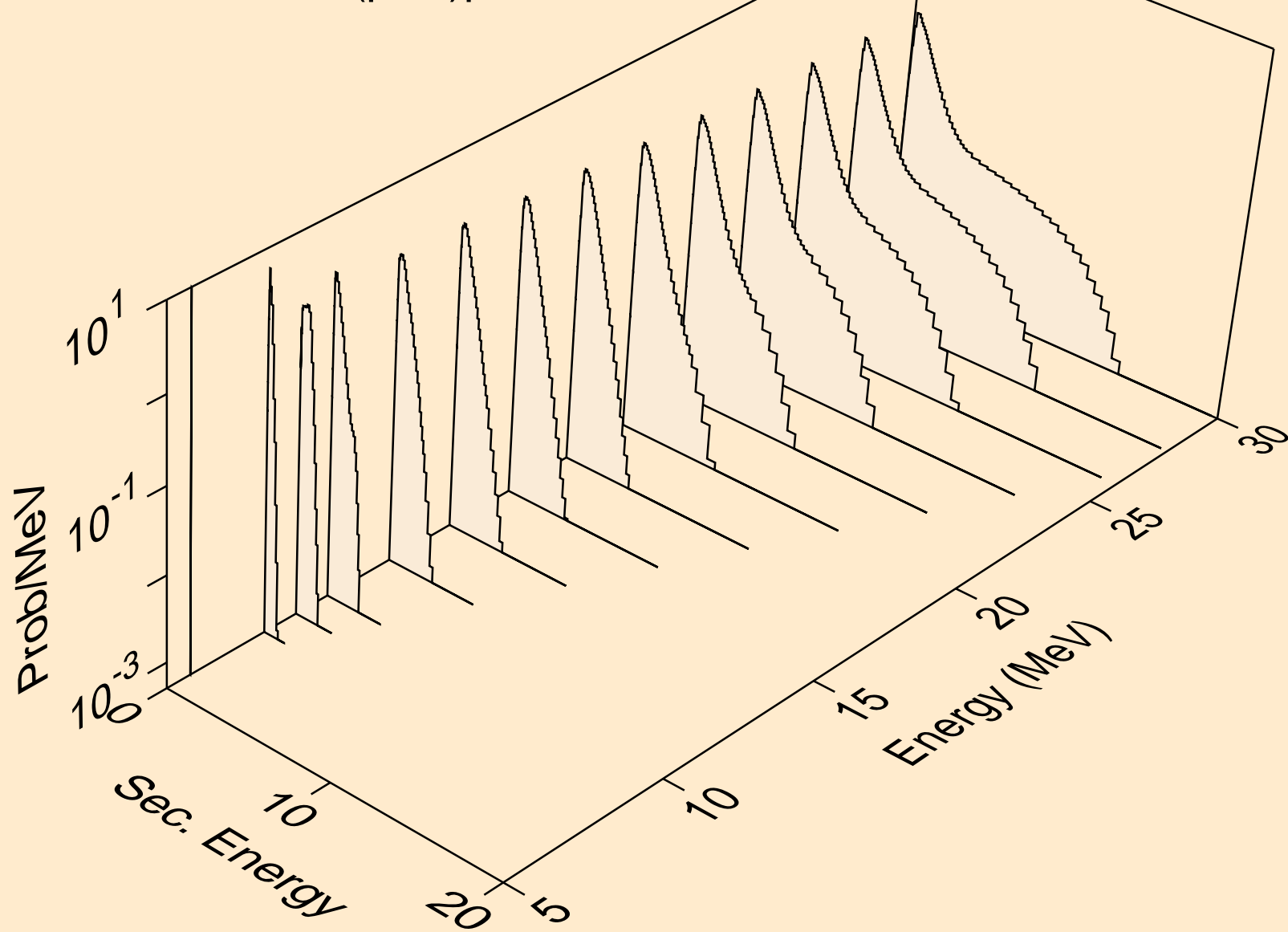


OS191M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)a

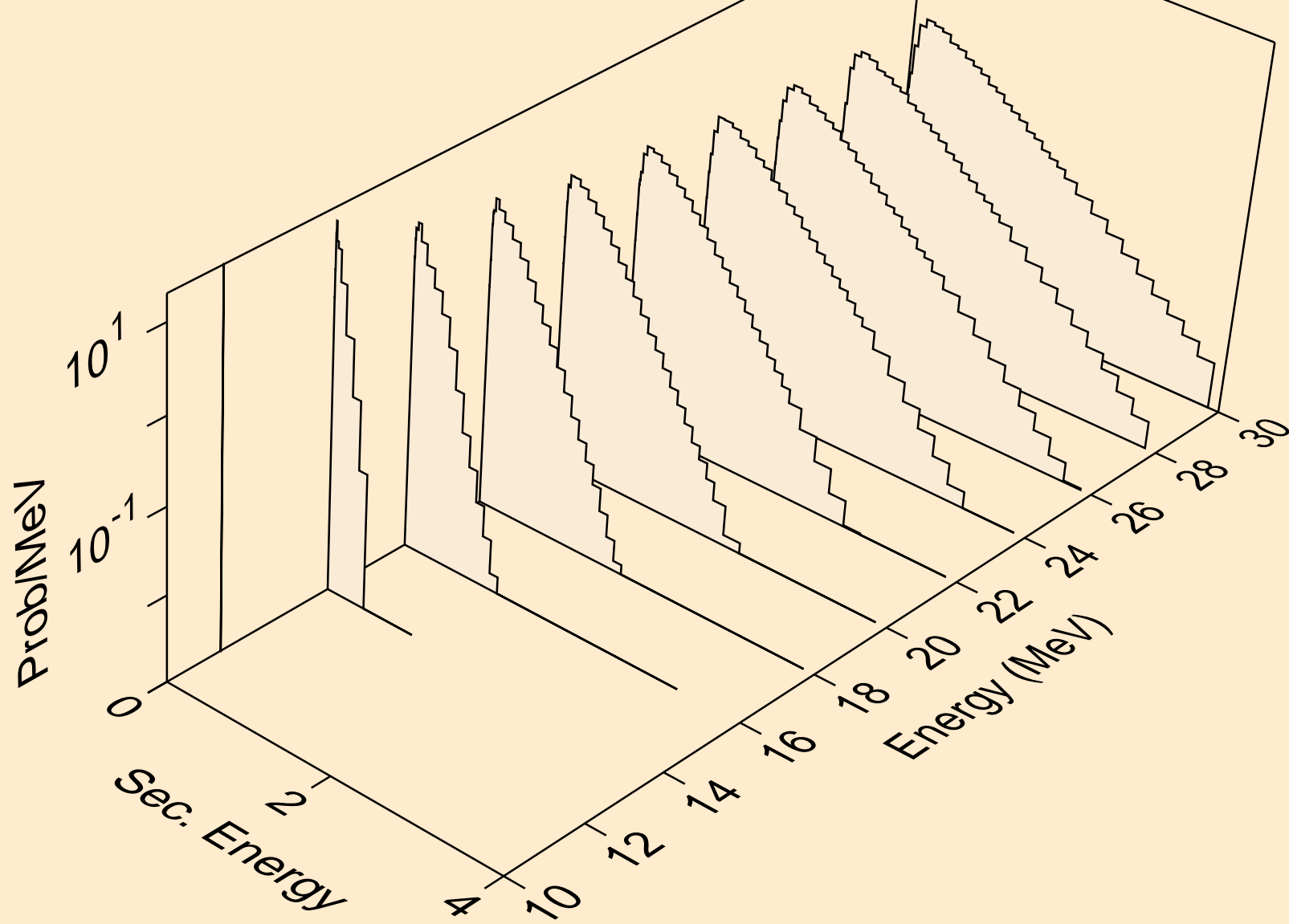




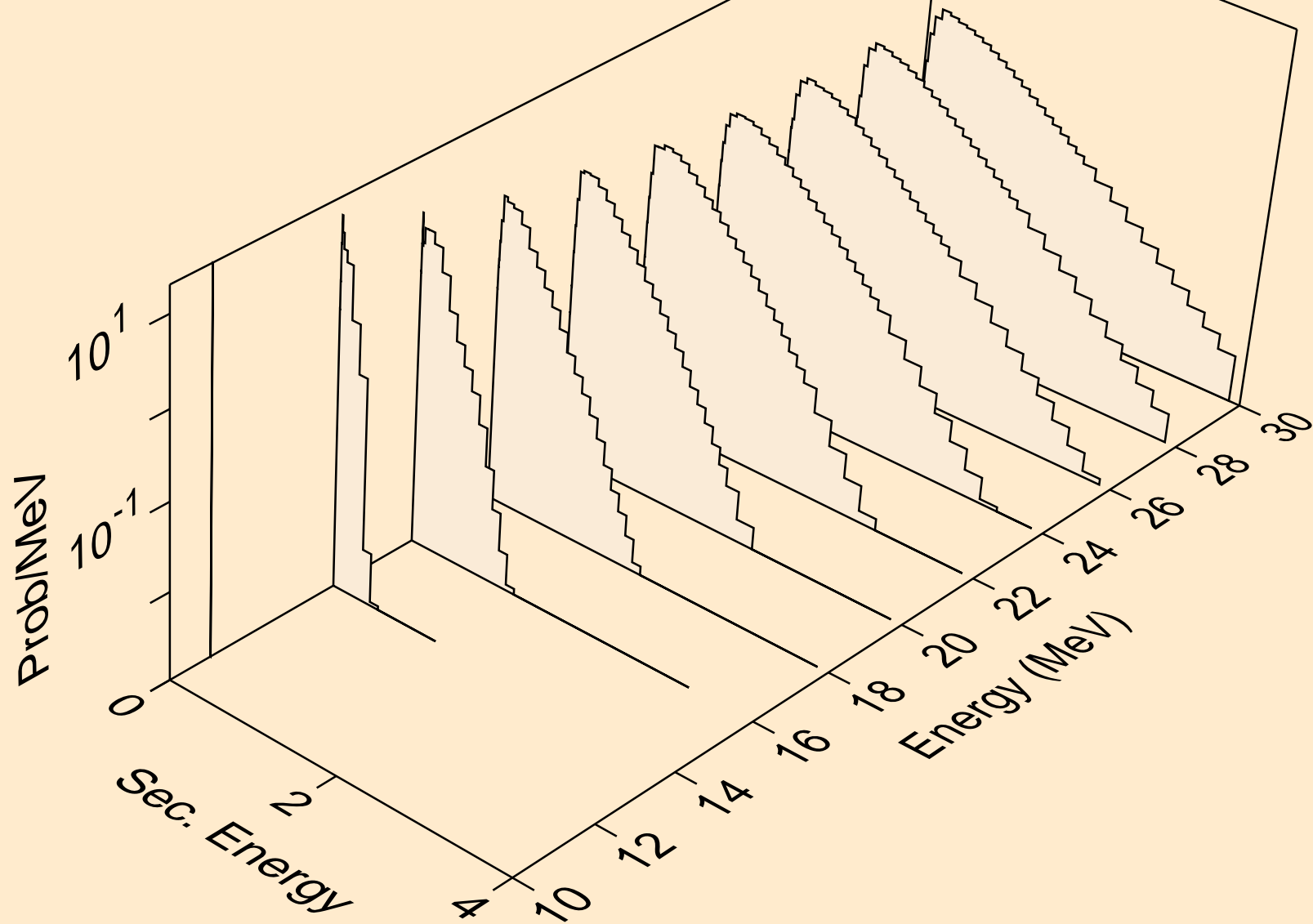
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neutrons from (p,n\*)p



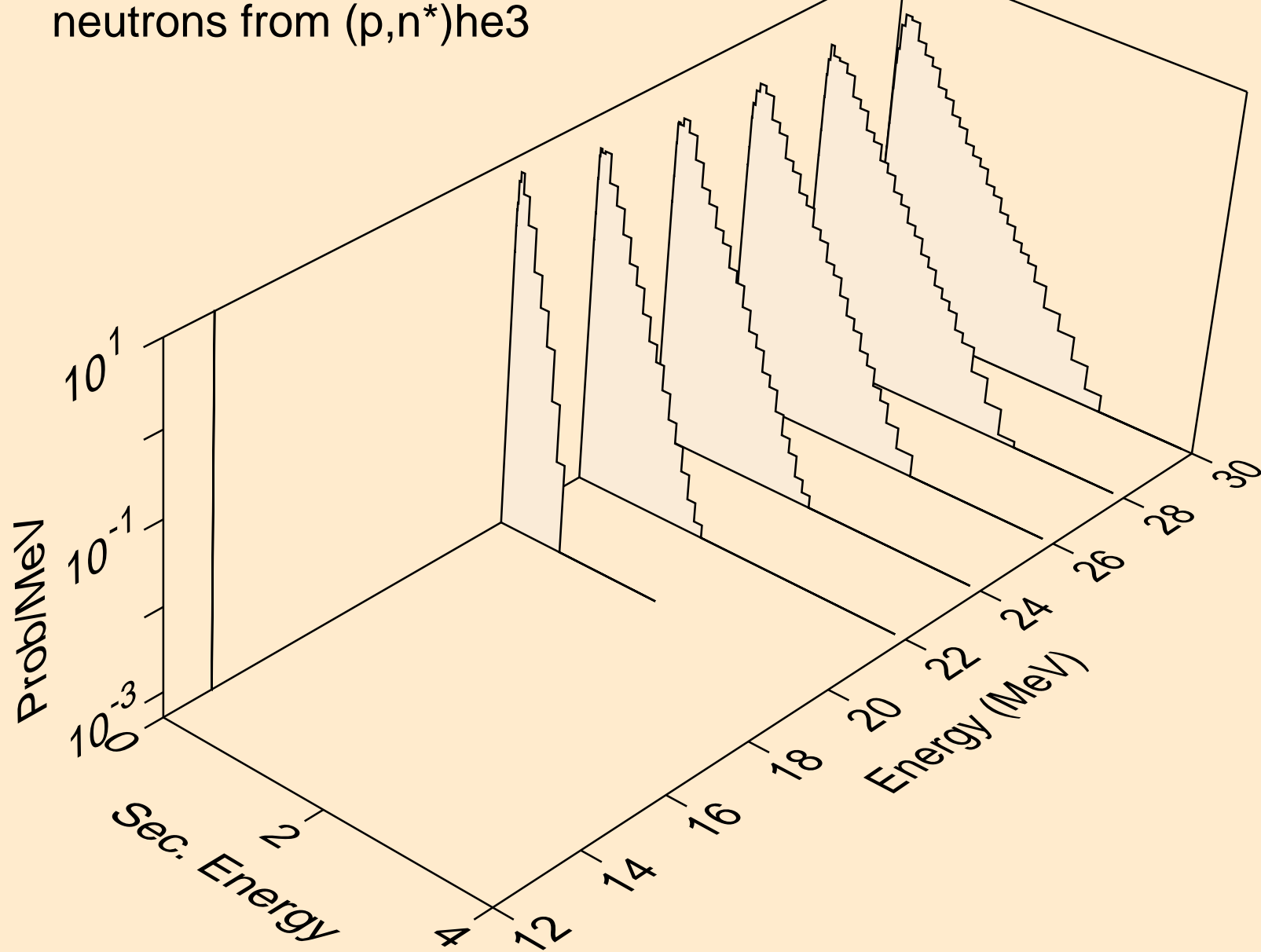
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neutrons from (p,n\*)d



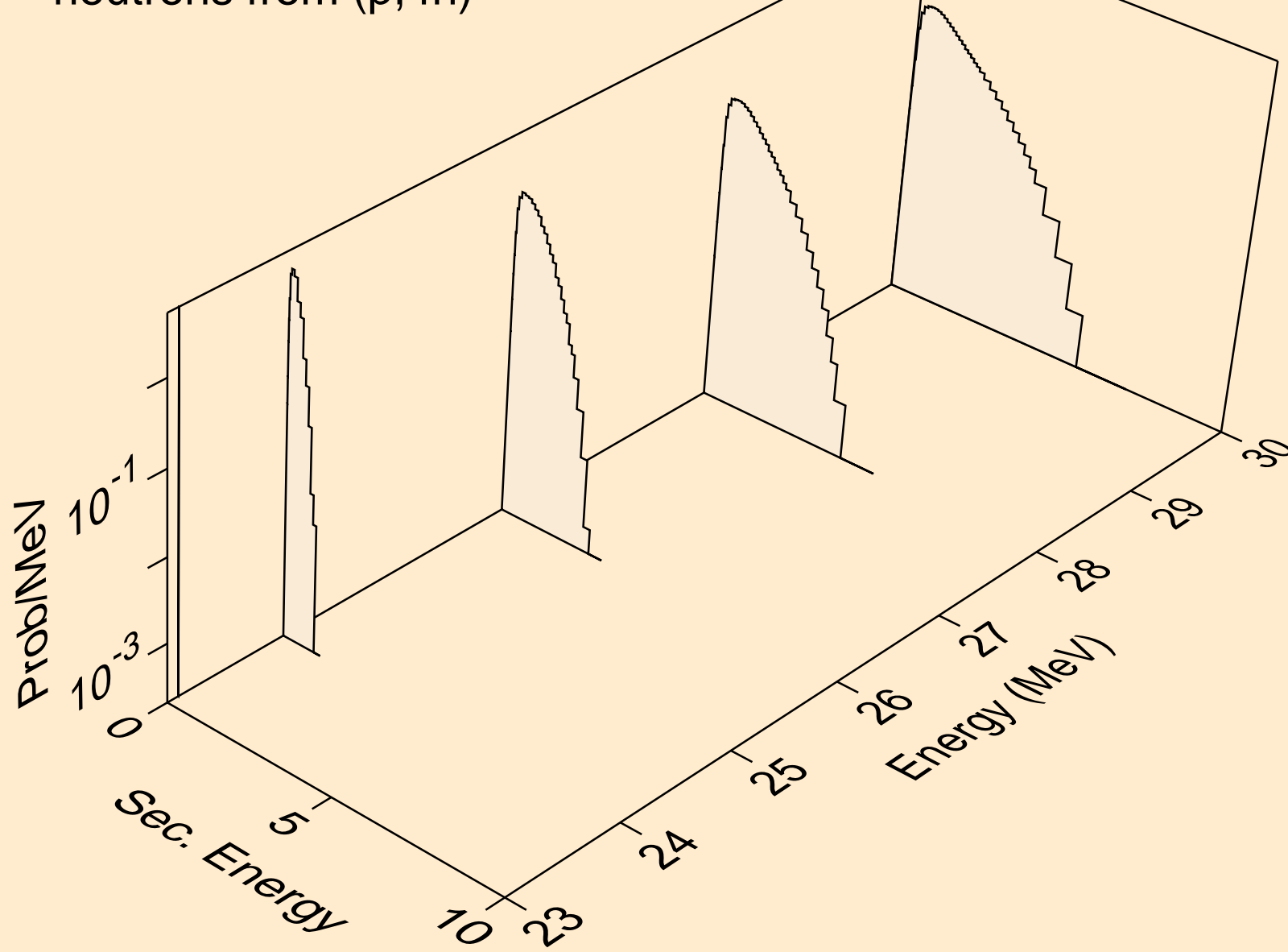
OS191M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)t



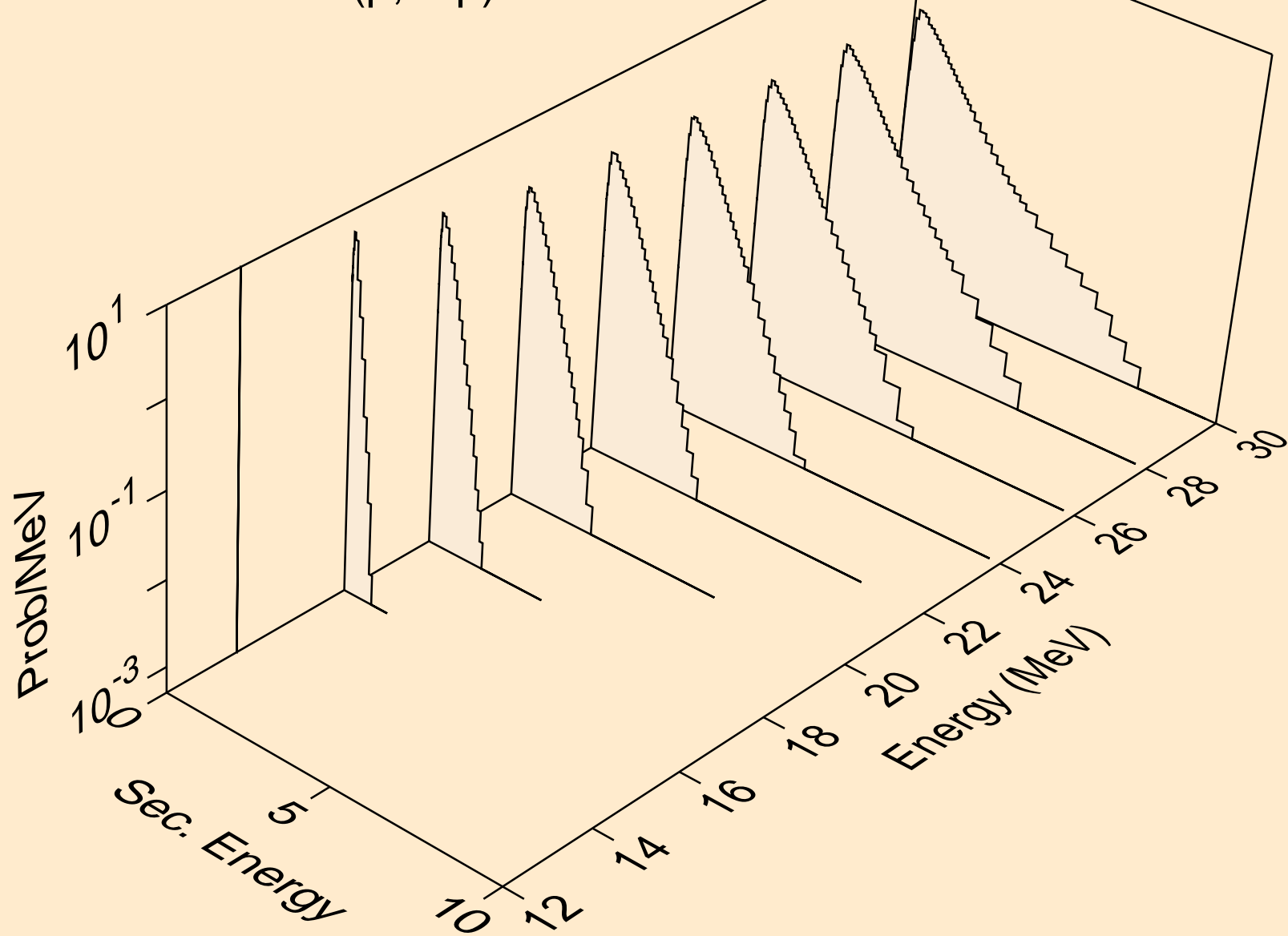
OS191M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



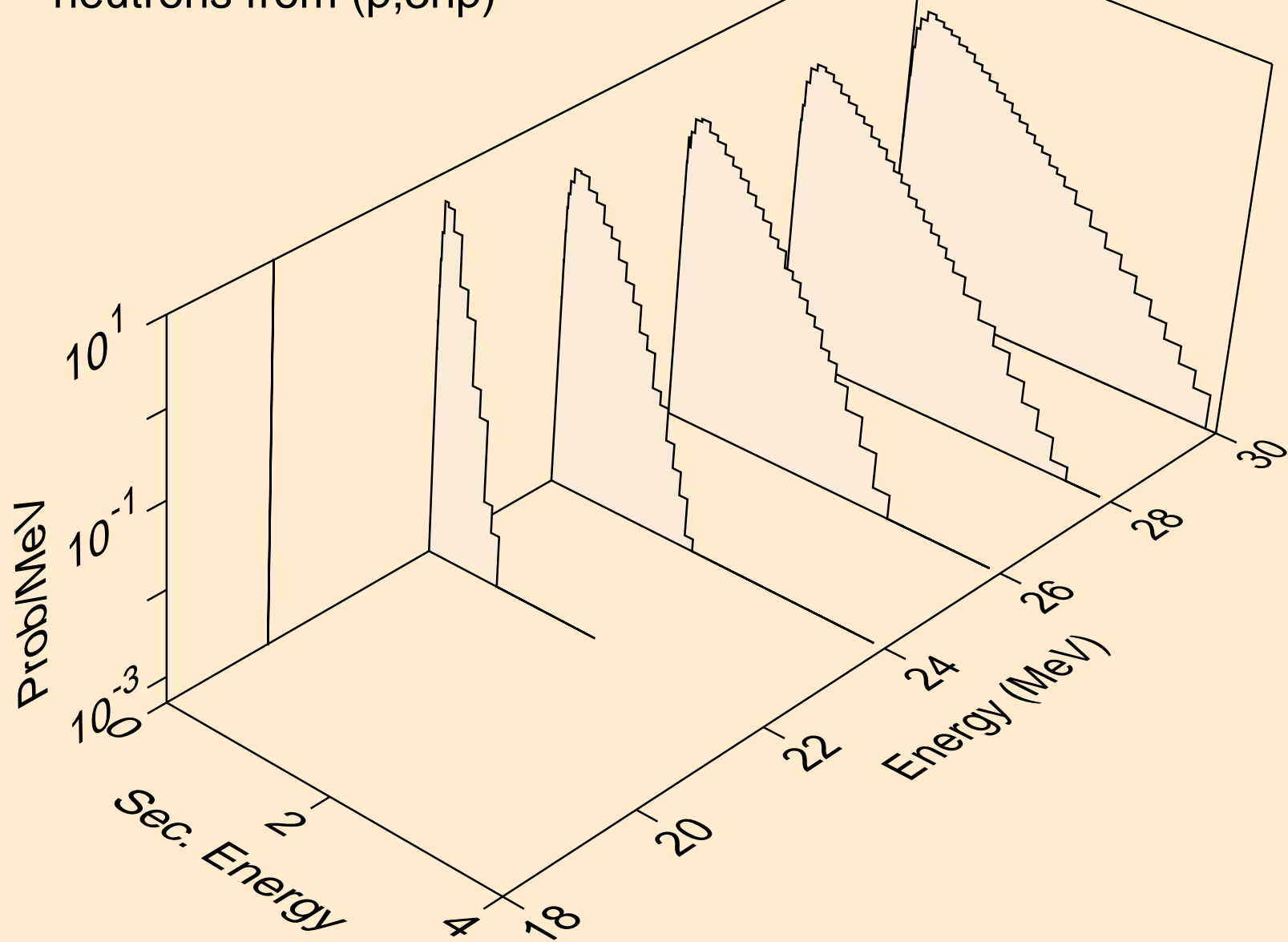
OS191M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,4n)



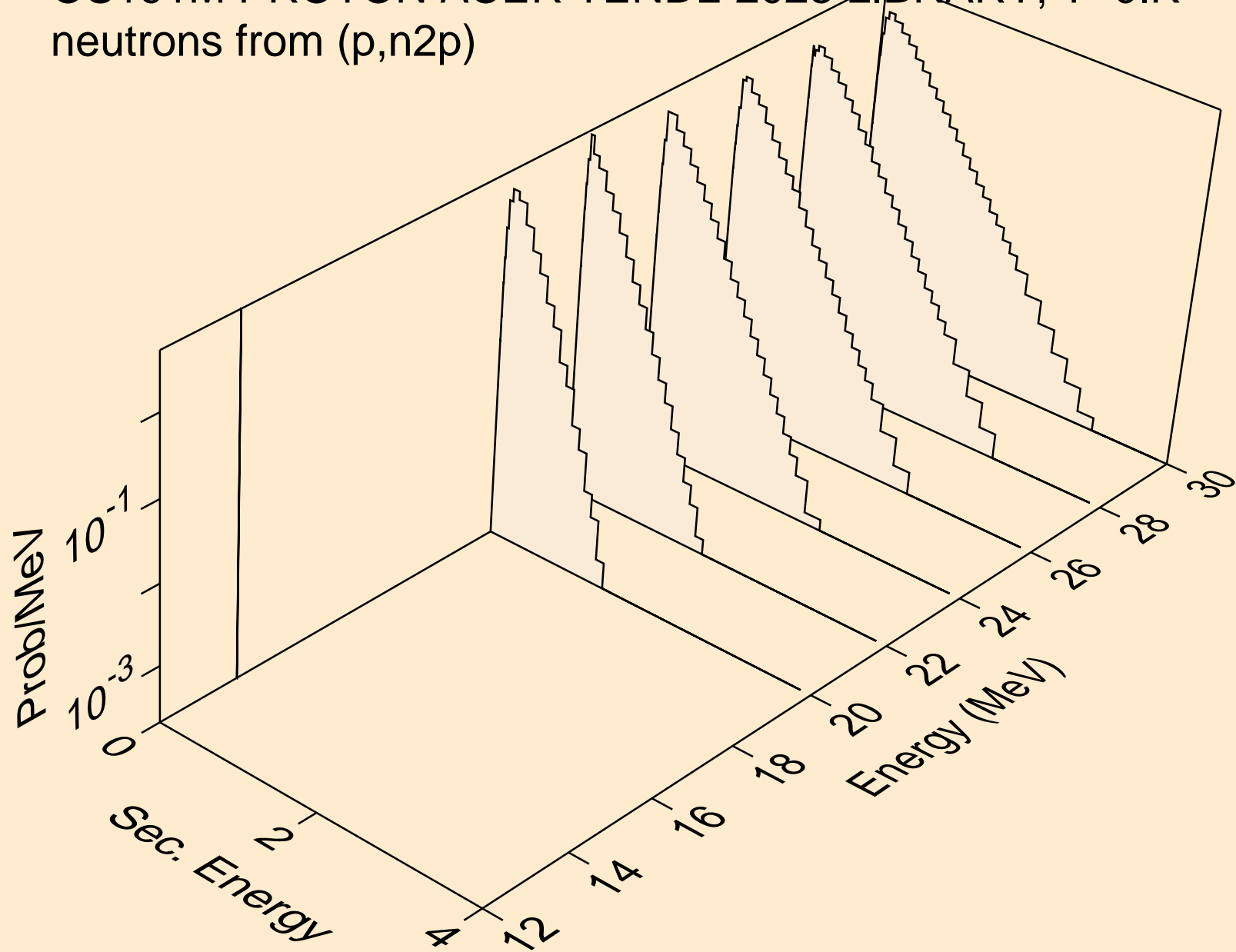
OS191M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2np)



OS191M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3np)

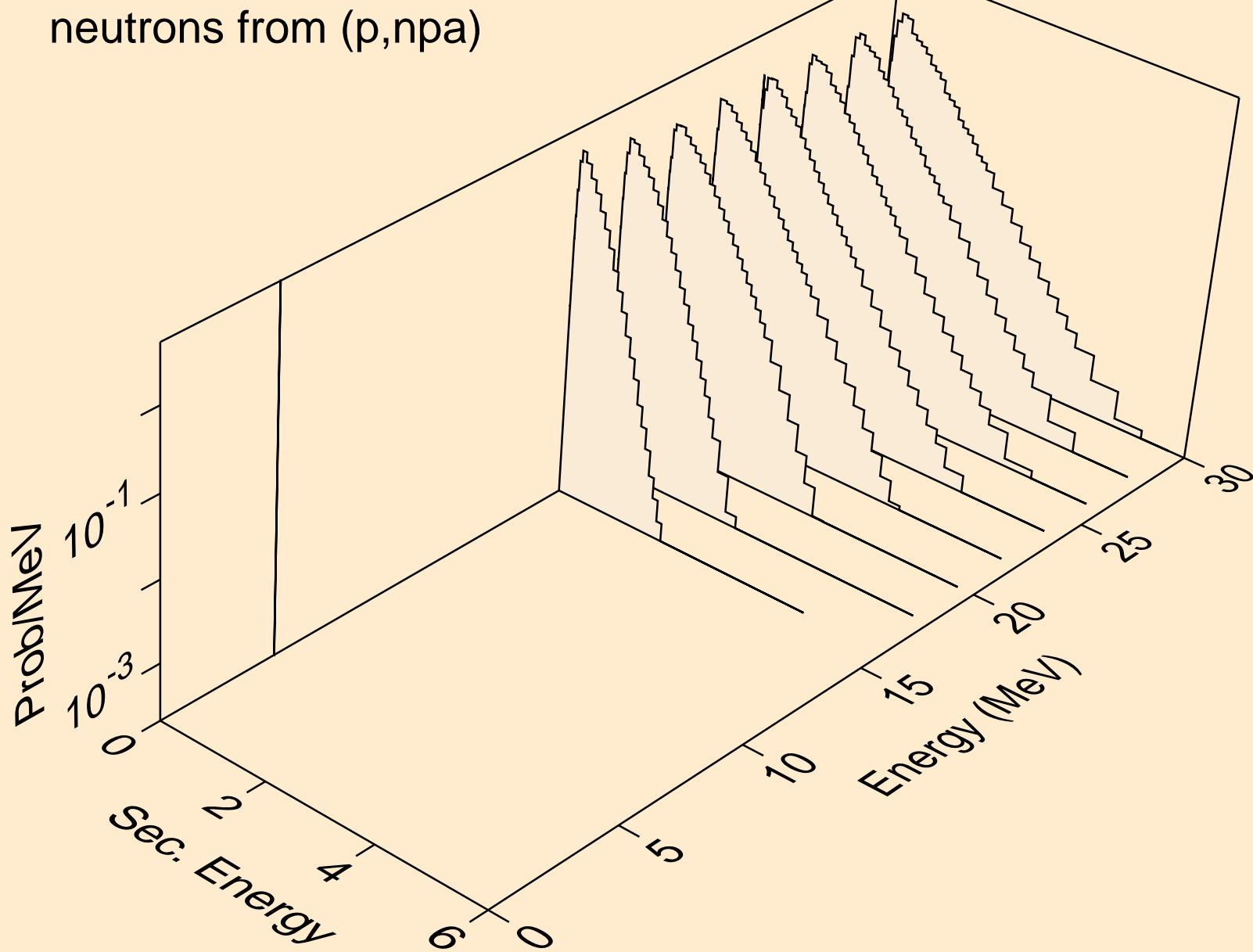


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neutrons from (p,n2p)

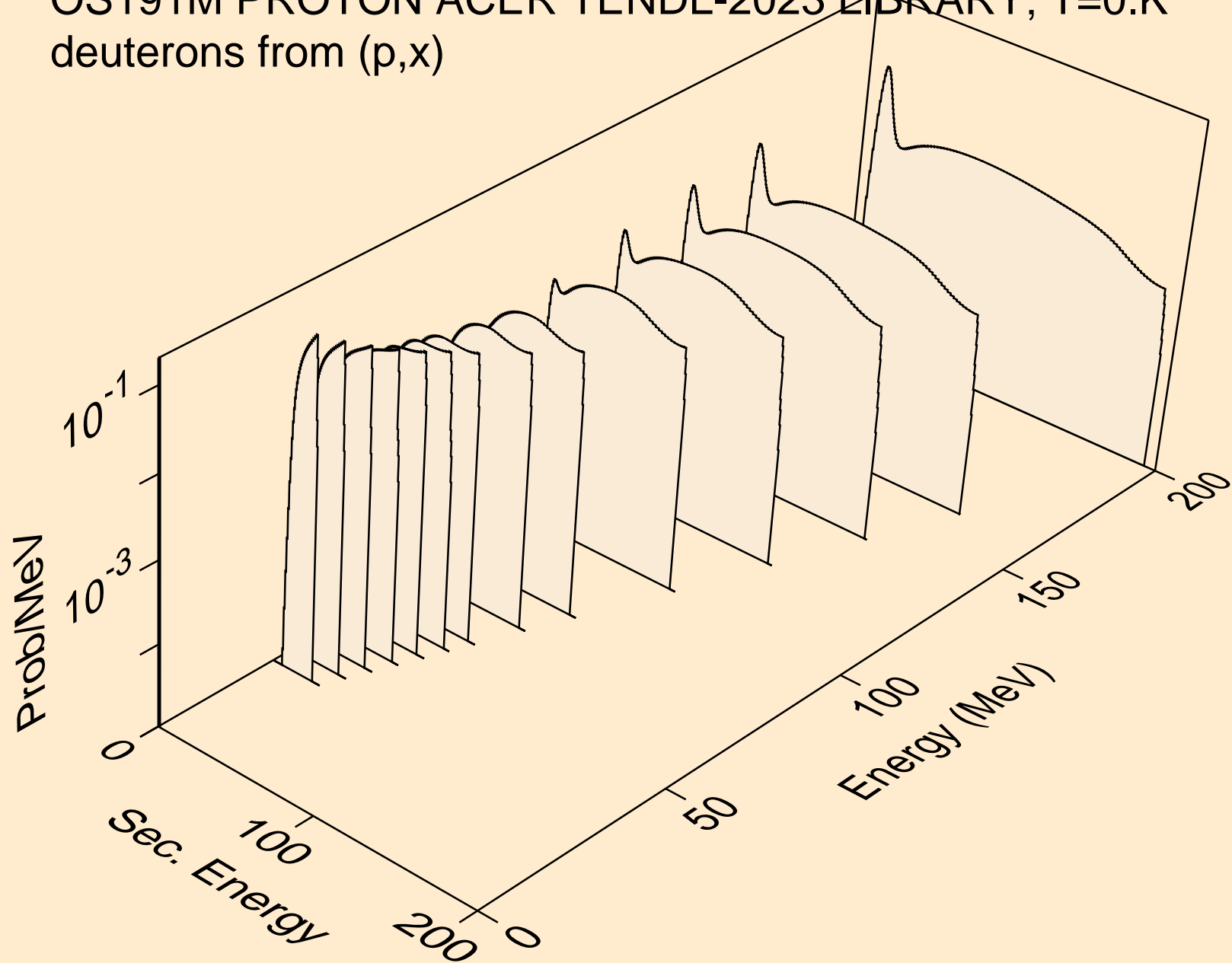




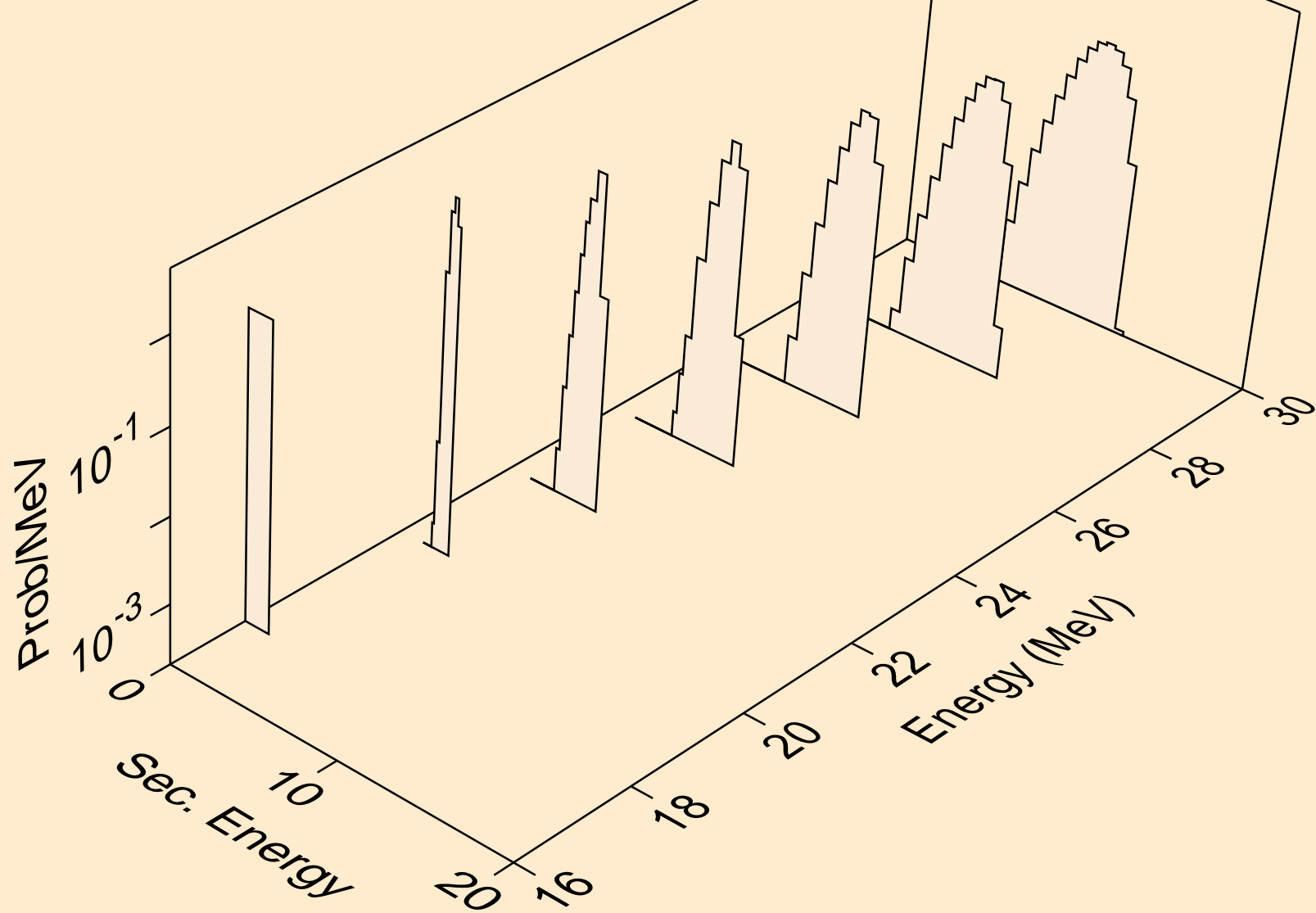
OS191M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,npa)



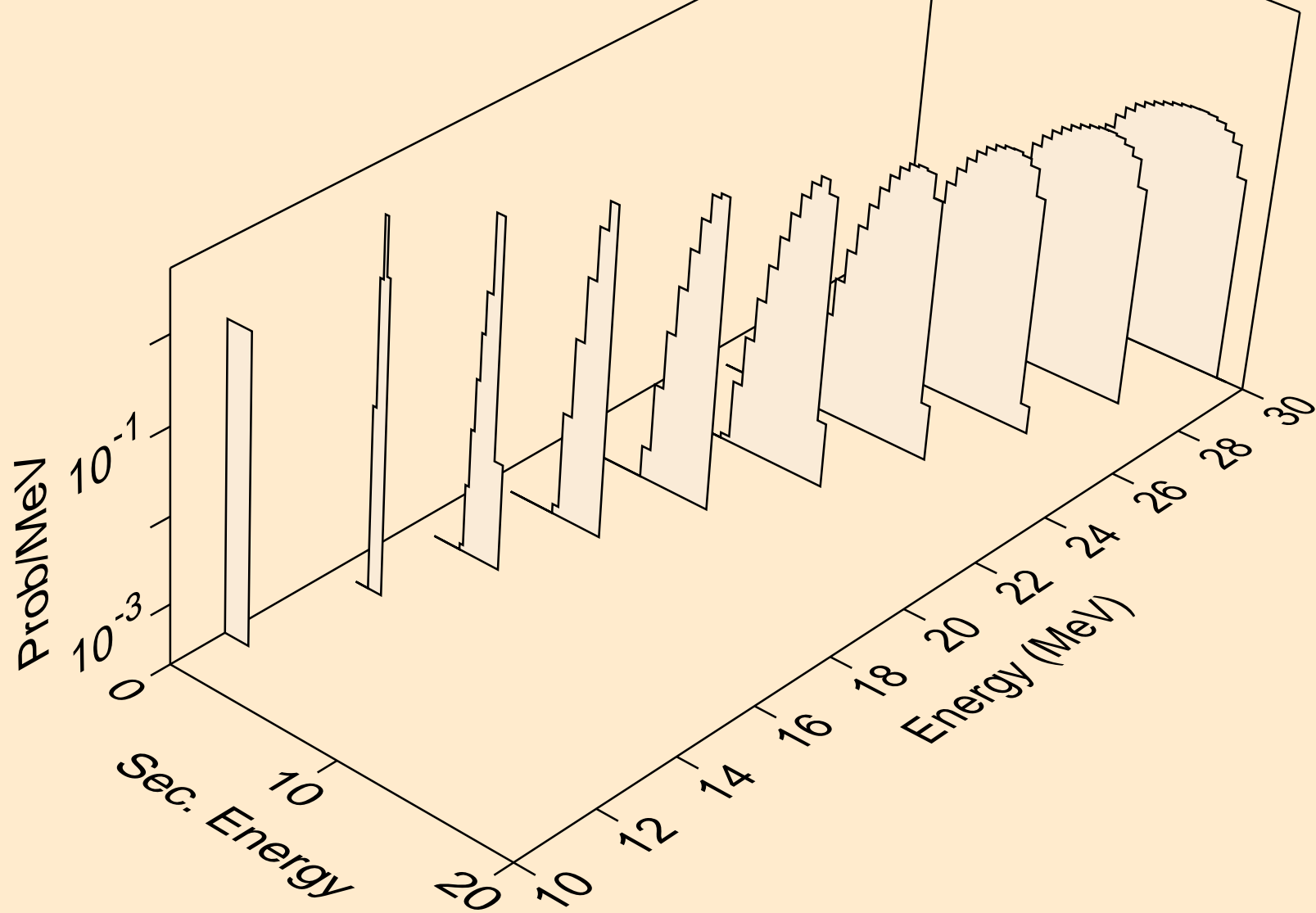
OS191M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,x)



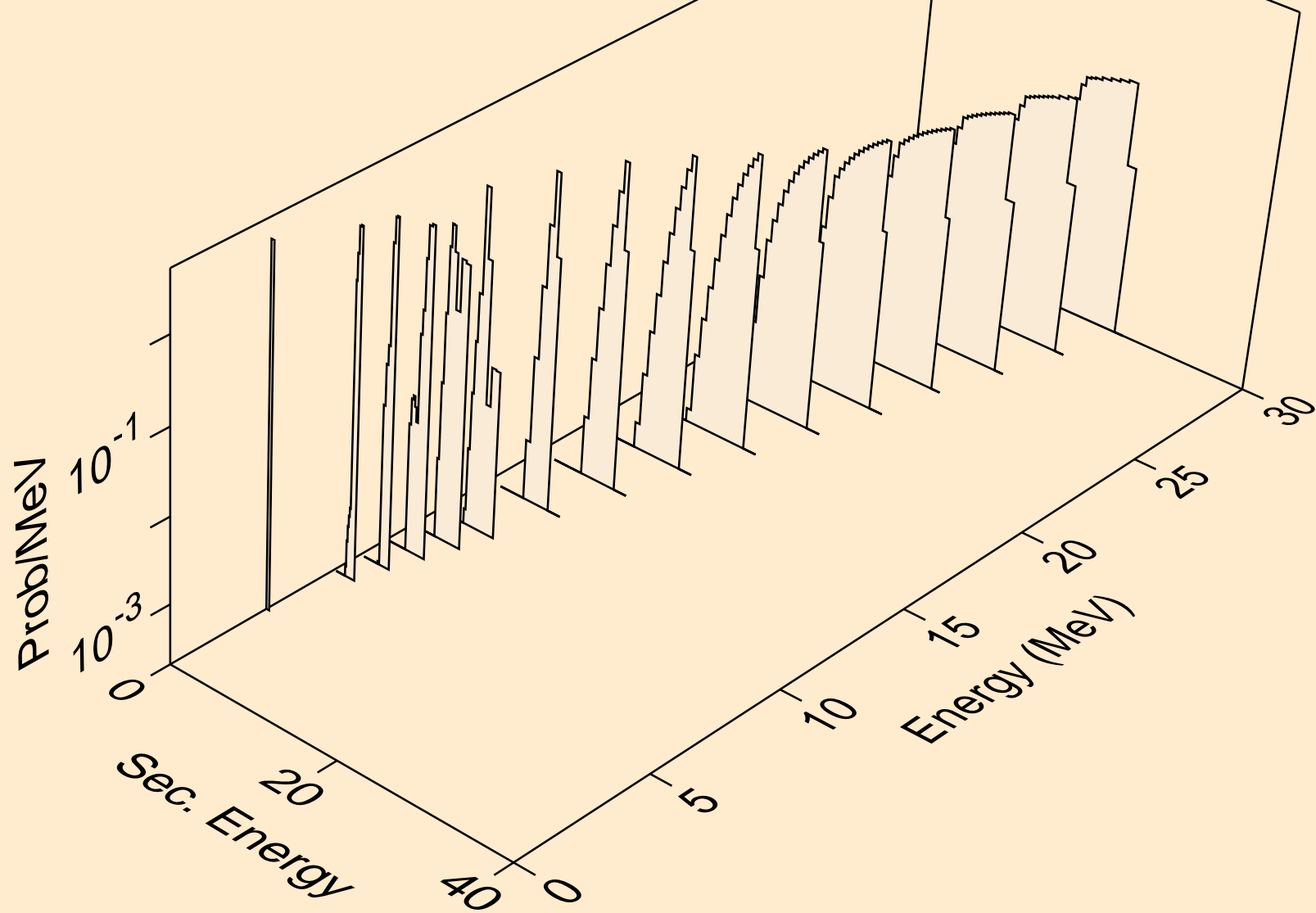
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deuterons from (p,2nd)



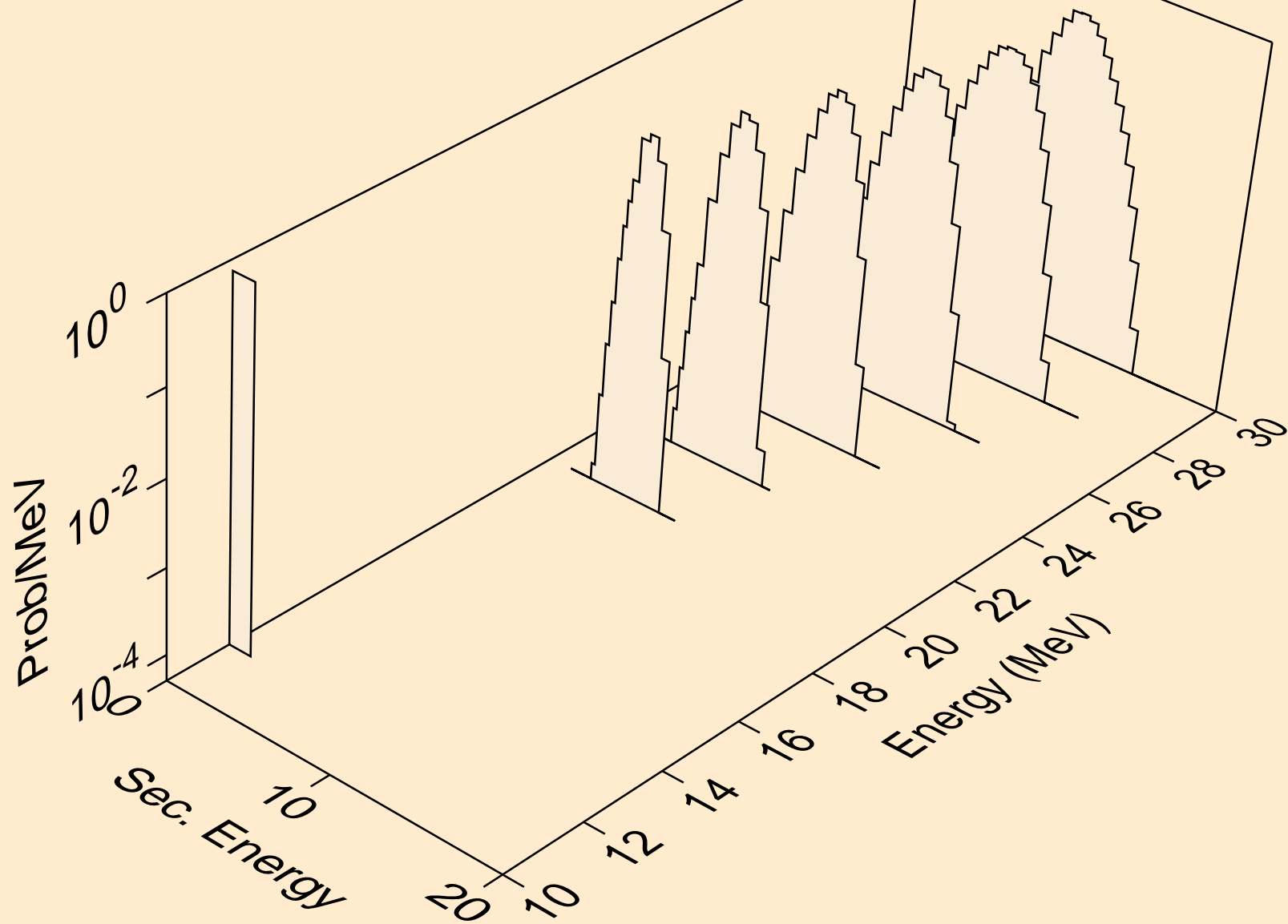
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deuterons from (p,n\*)d



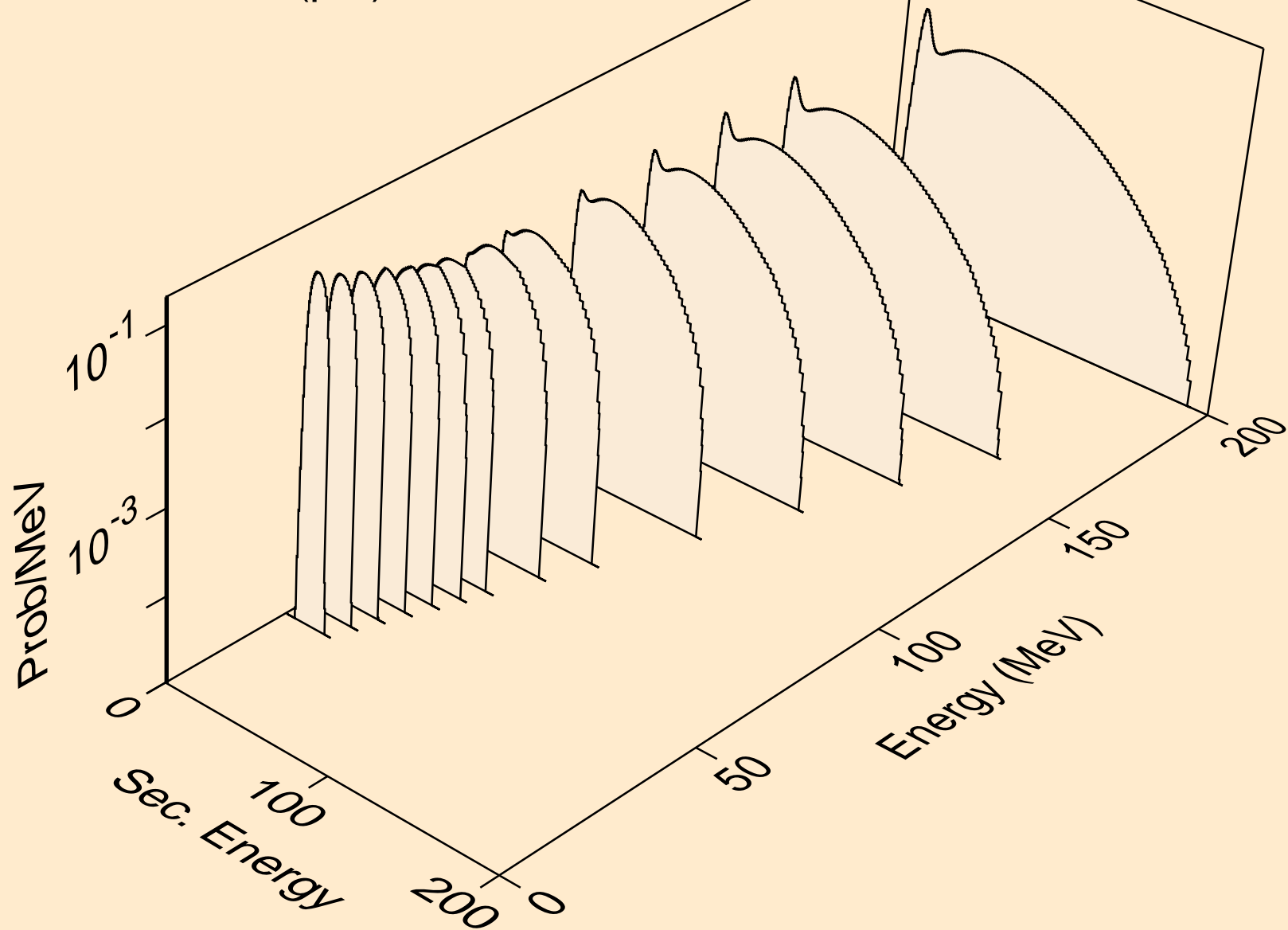
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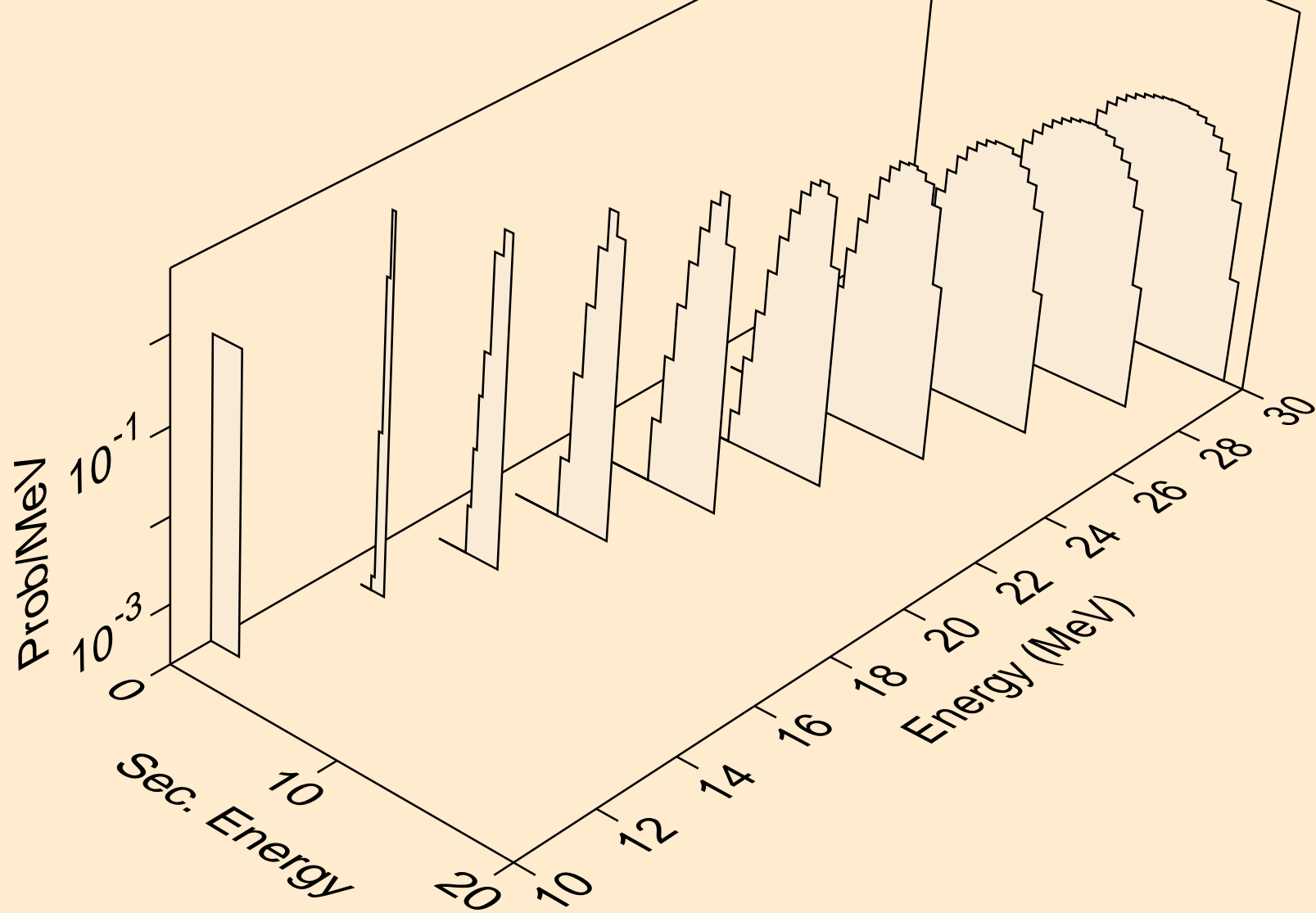
OS191M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,pd)



OS191M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,x)

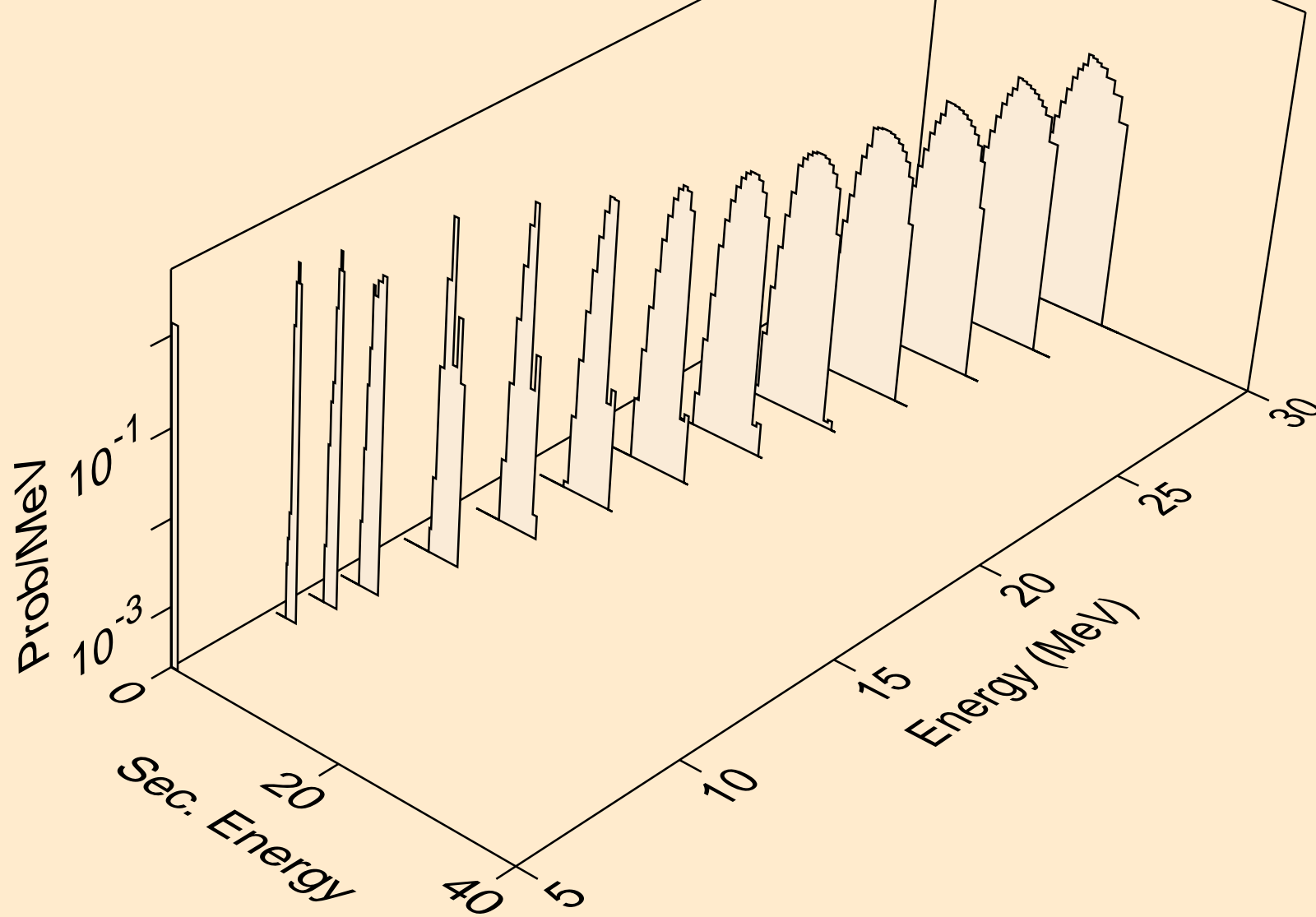


OS191M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,n\*)t

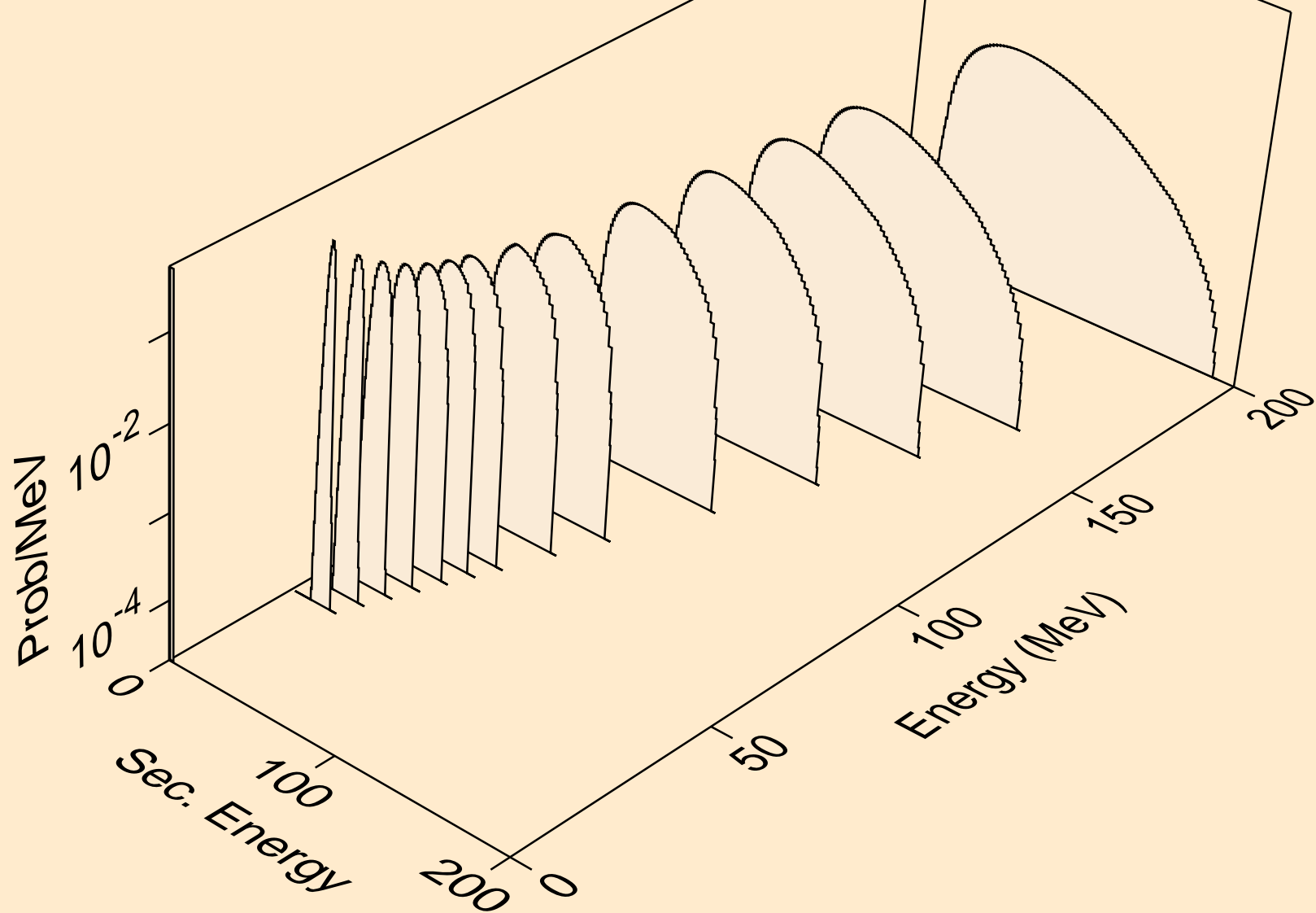




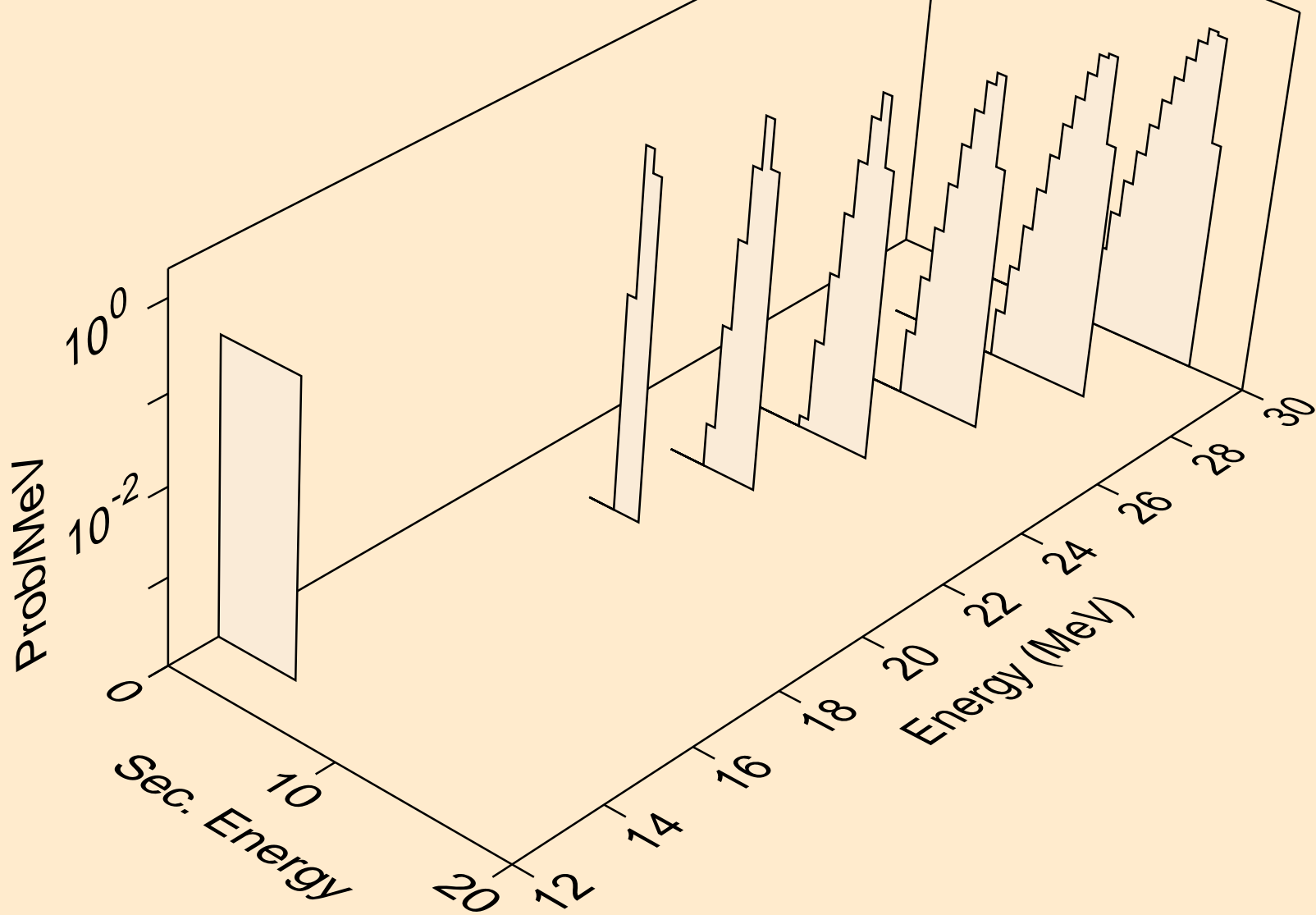
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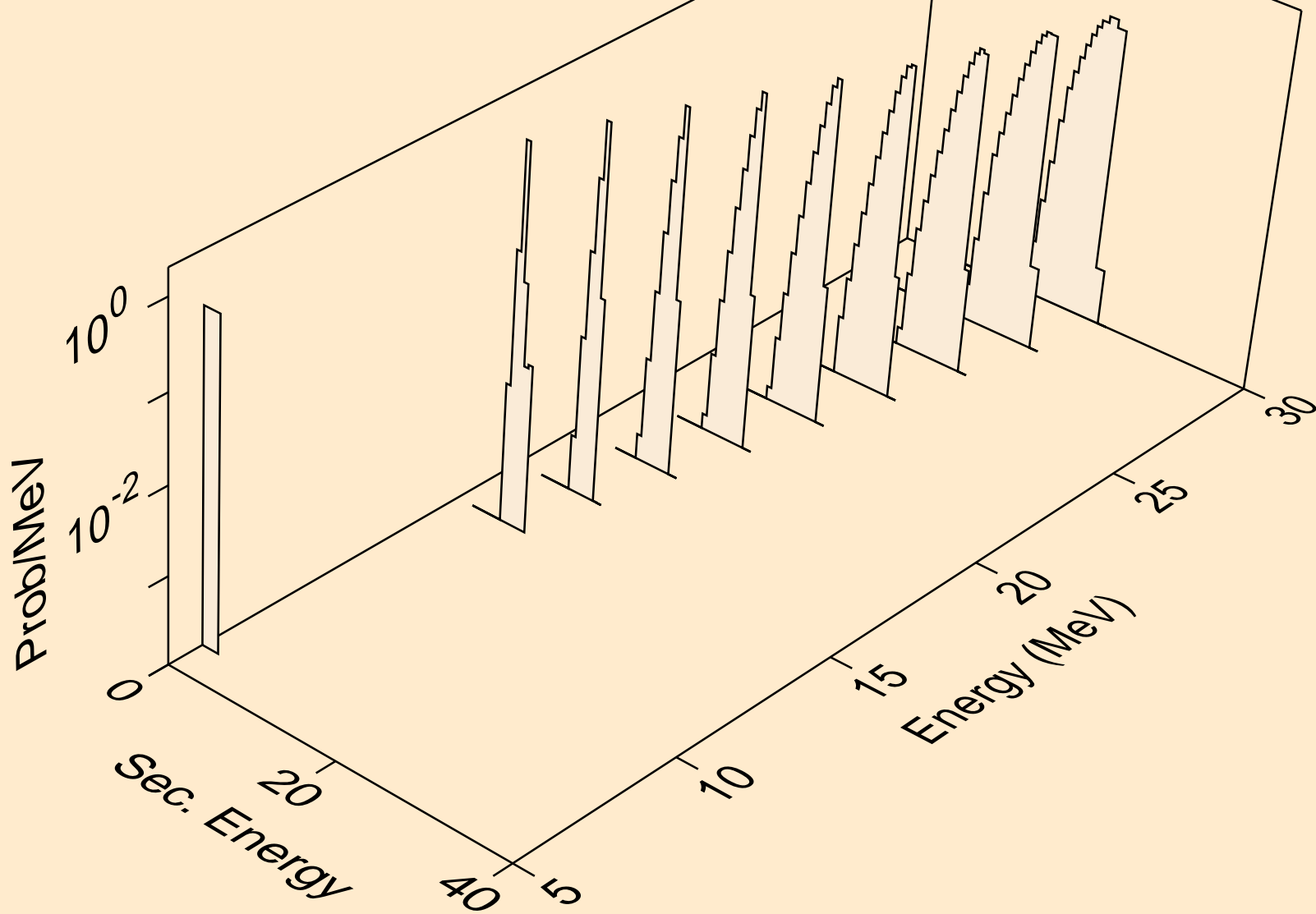
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he3s from (p,x)



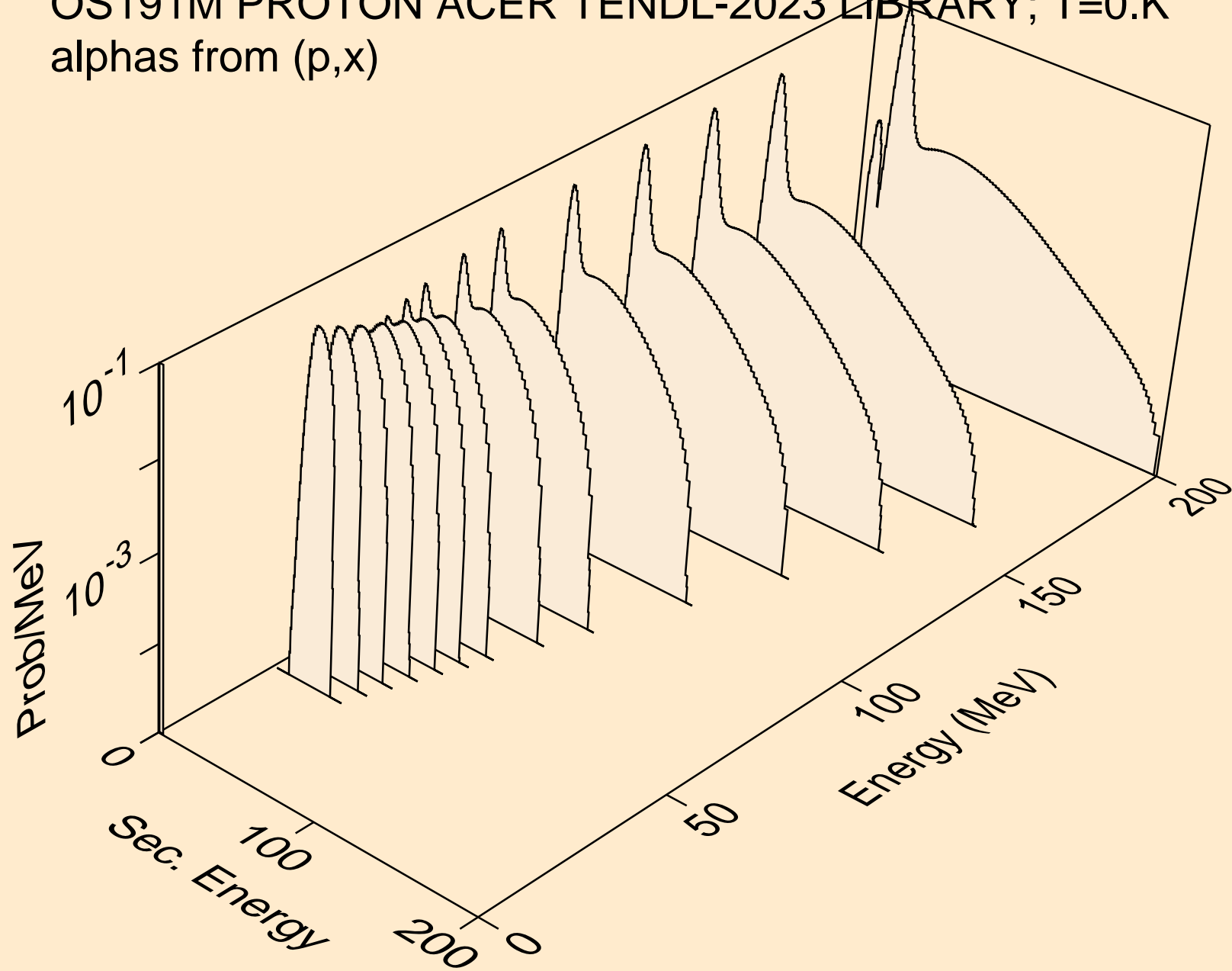
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he3s from (p,n\*)he3



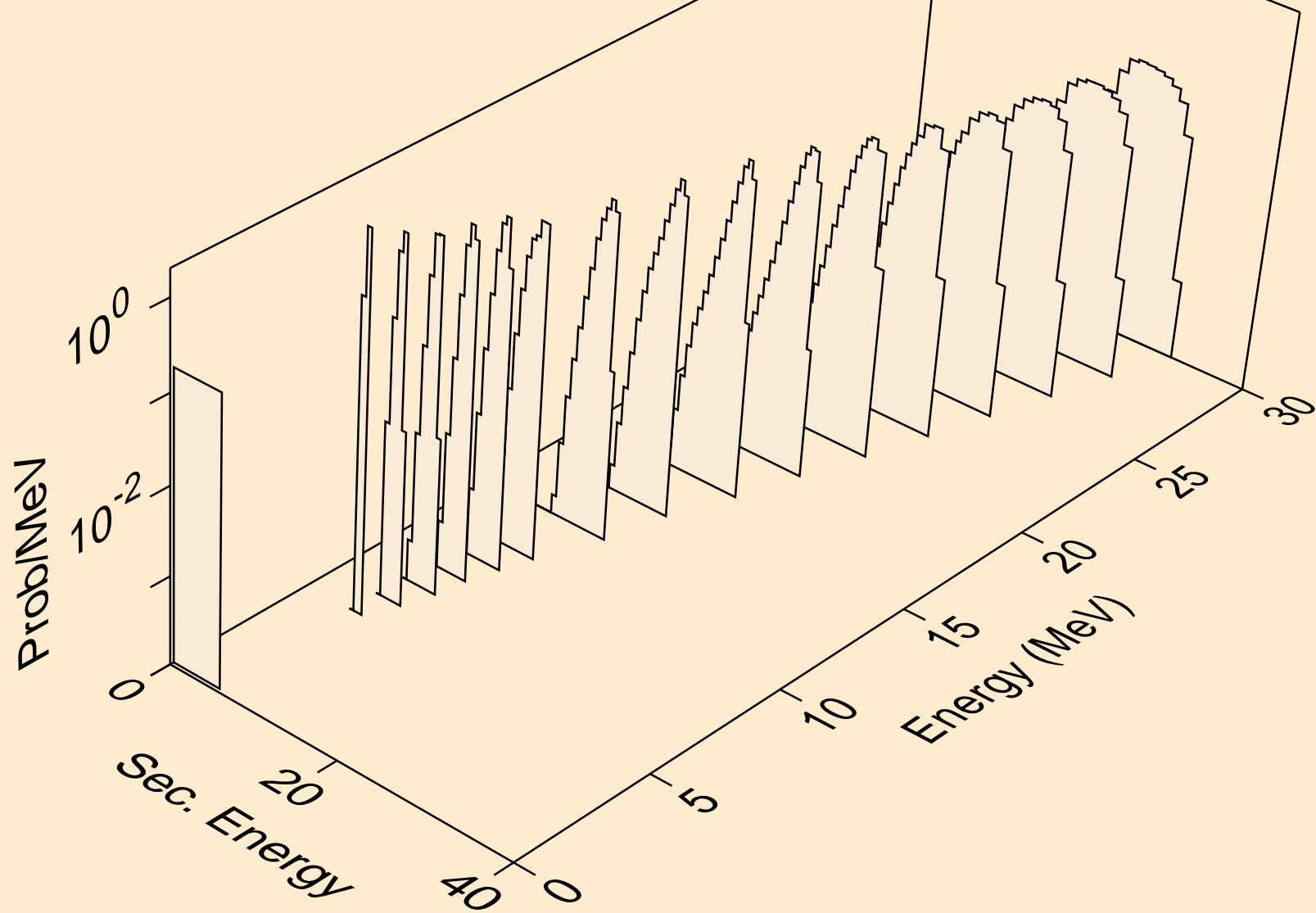
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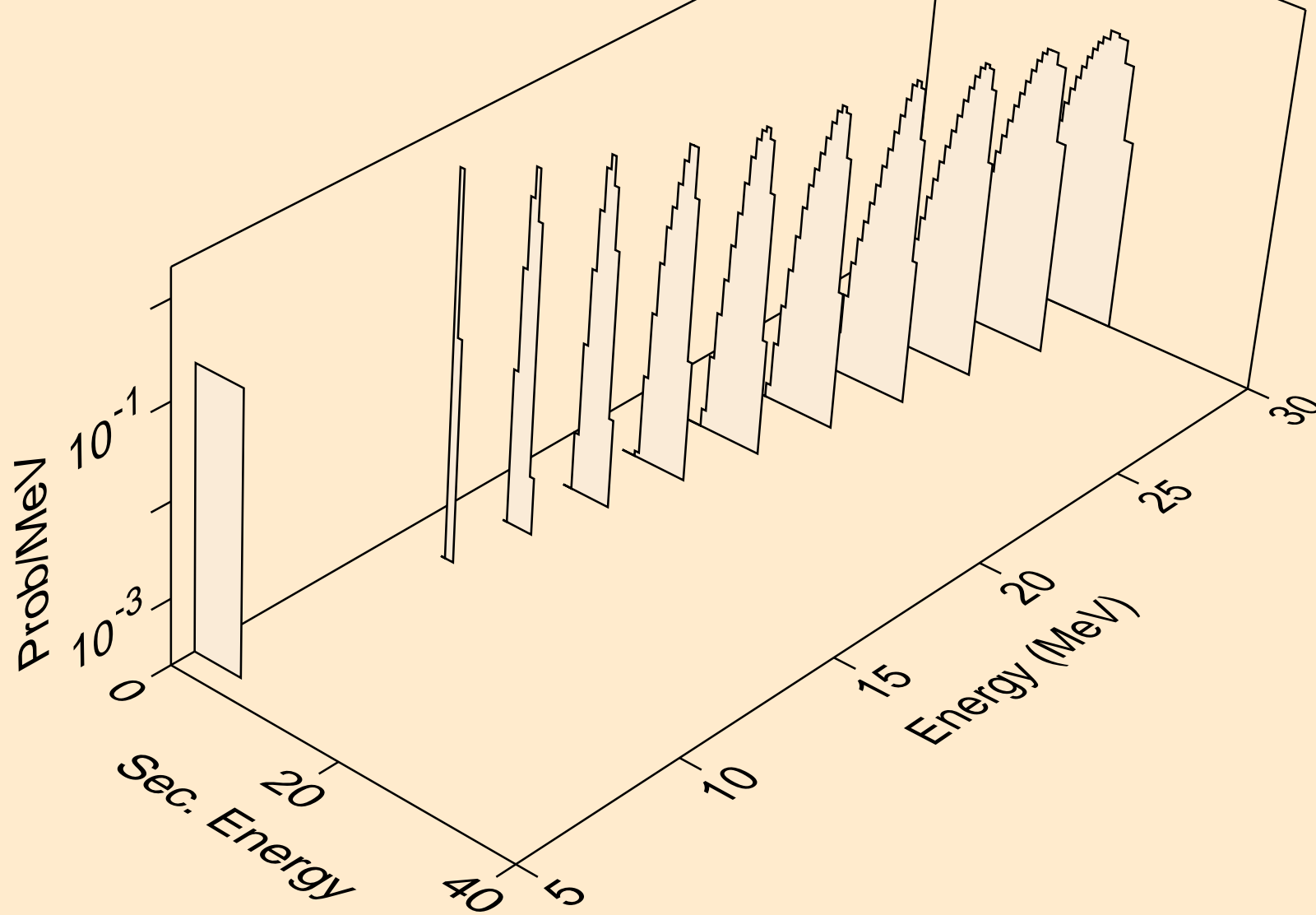
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alphas from (p,x)



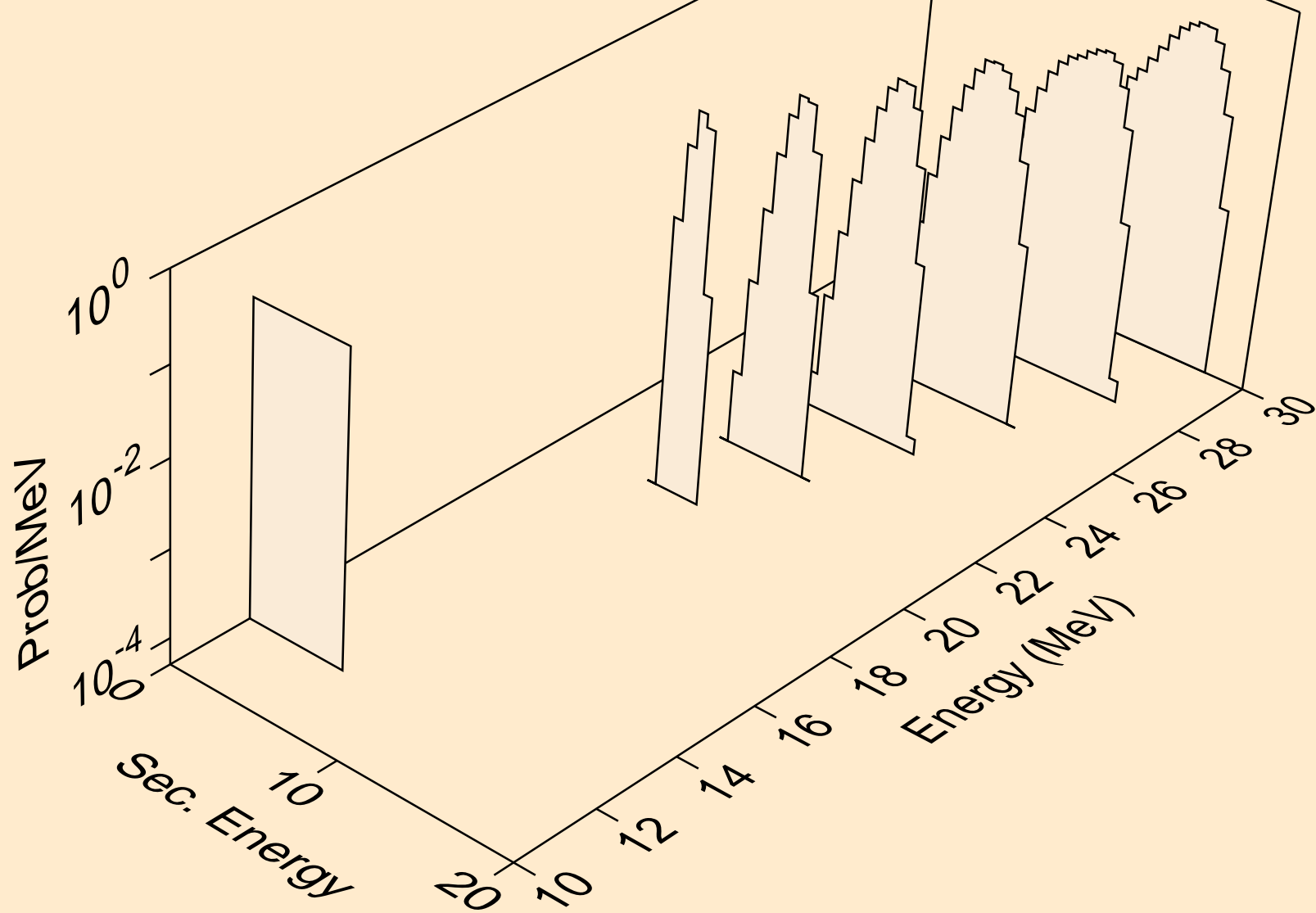
OS191M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a



OS191M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)a

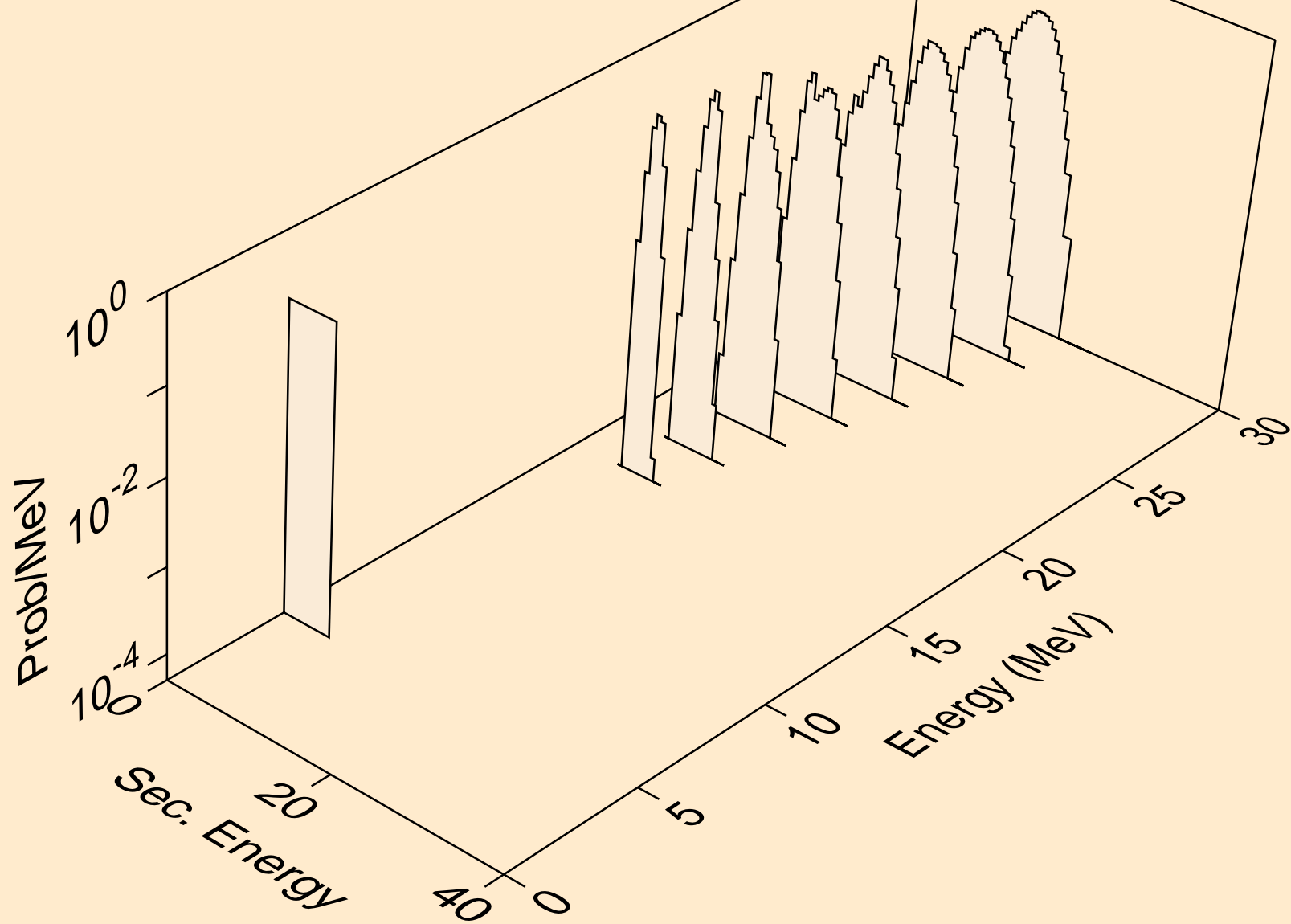


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alphas from (p,3n)a

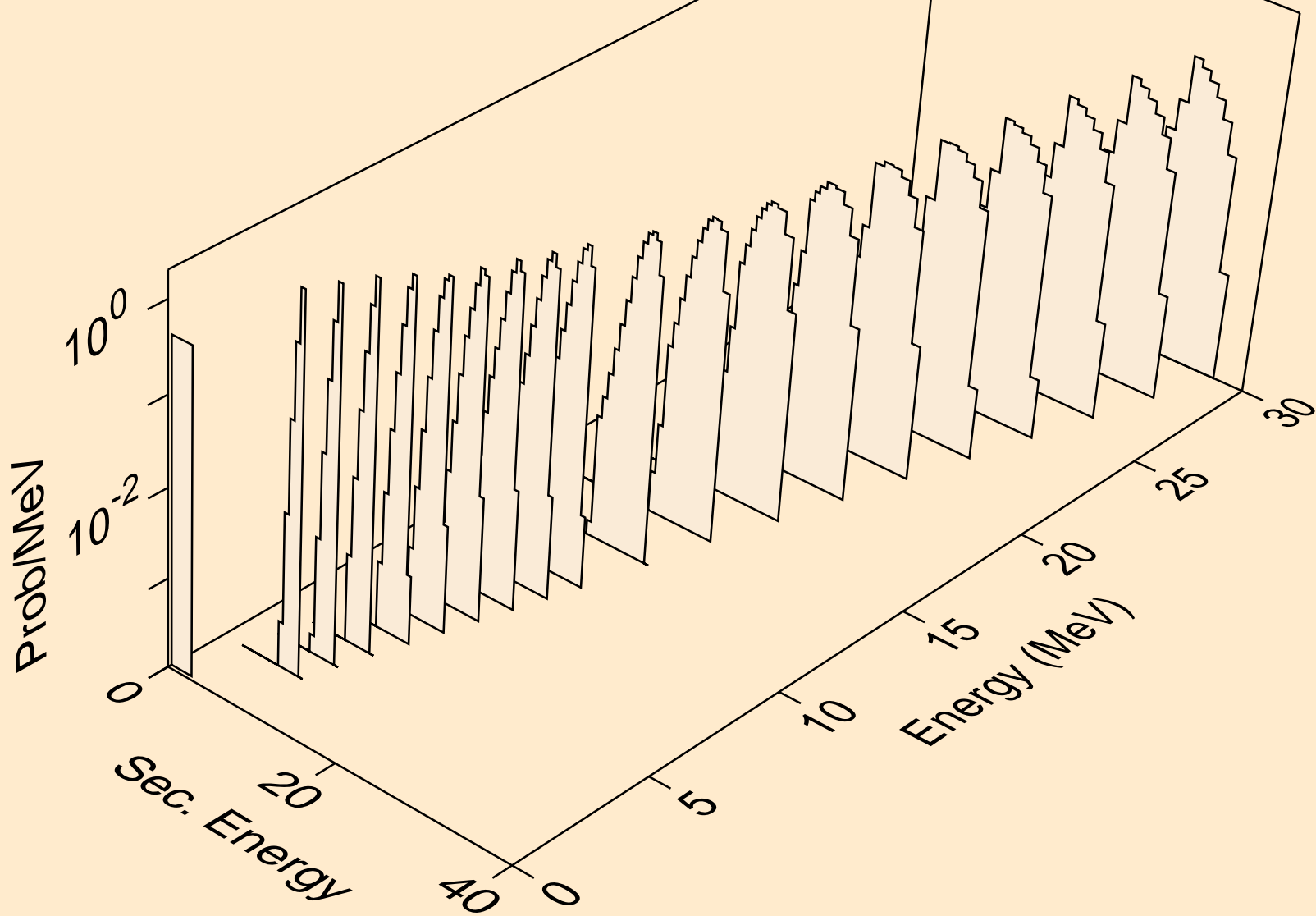




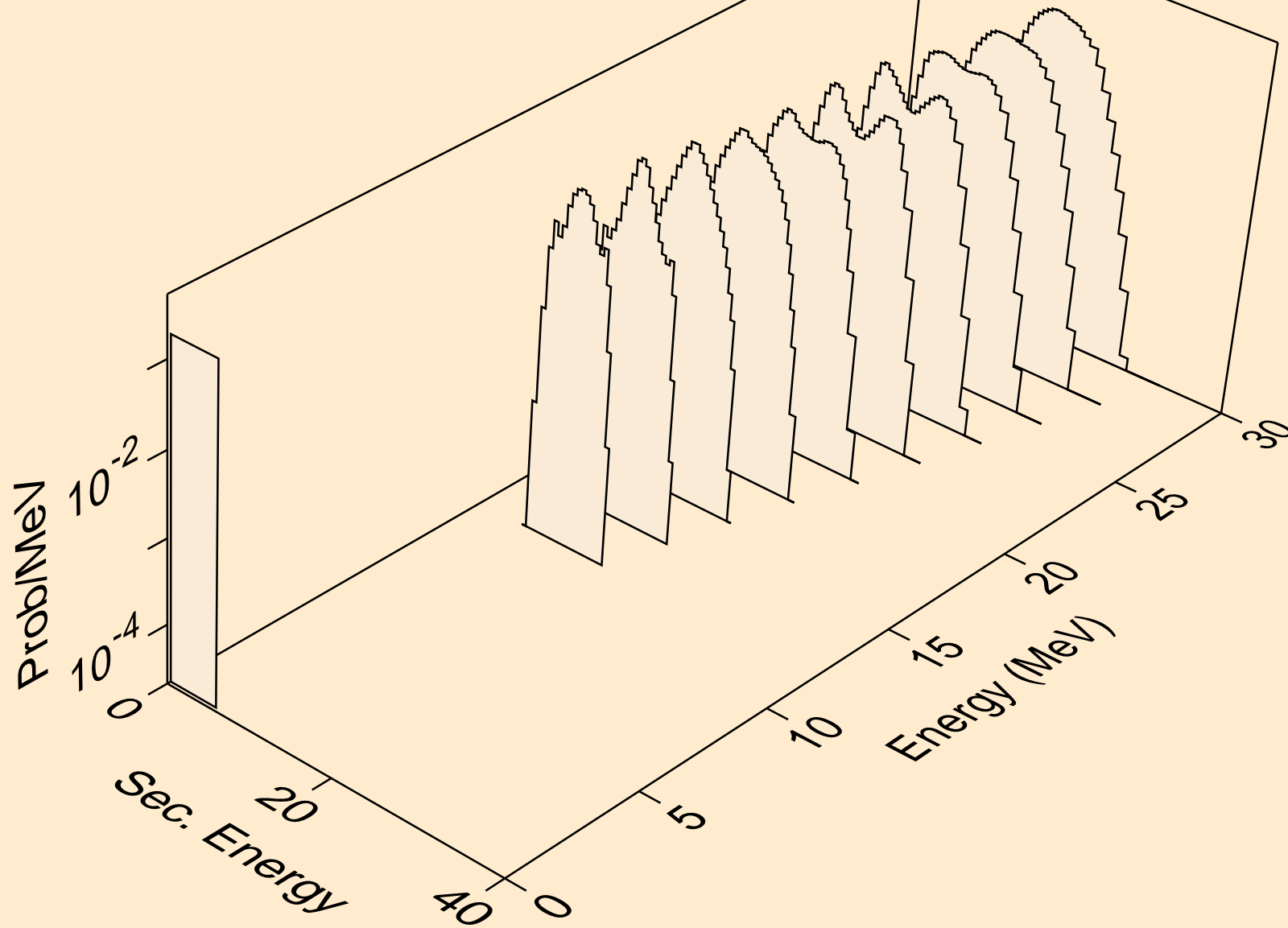
OS191M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,npa)



OS191M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)



OS191M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2a)



OS191M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,pa)

