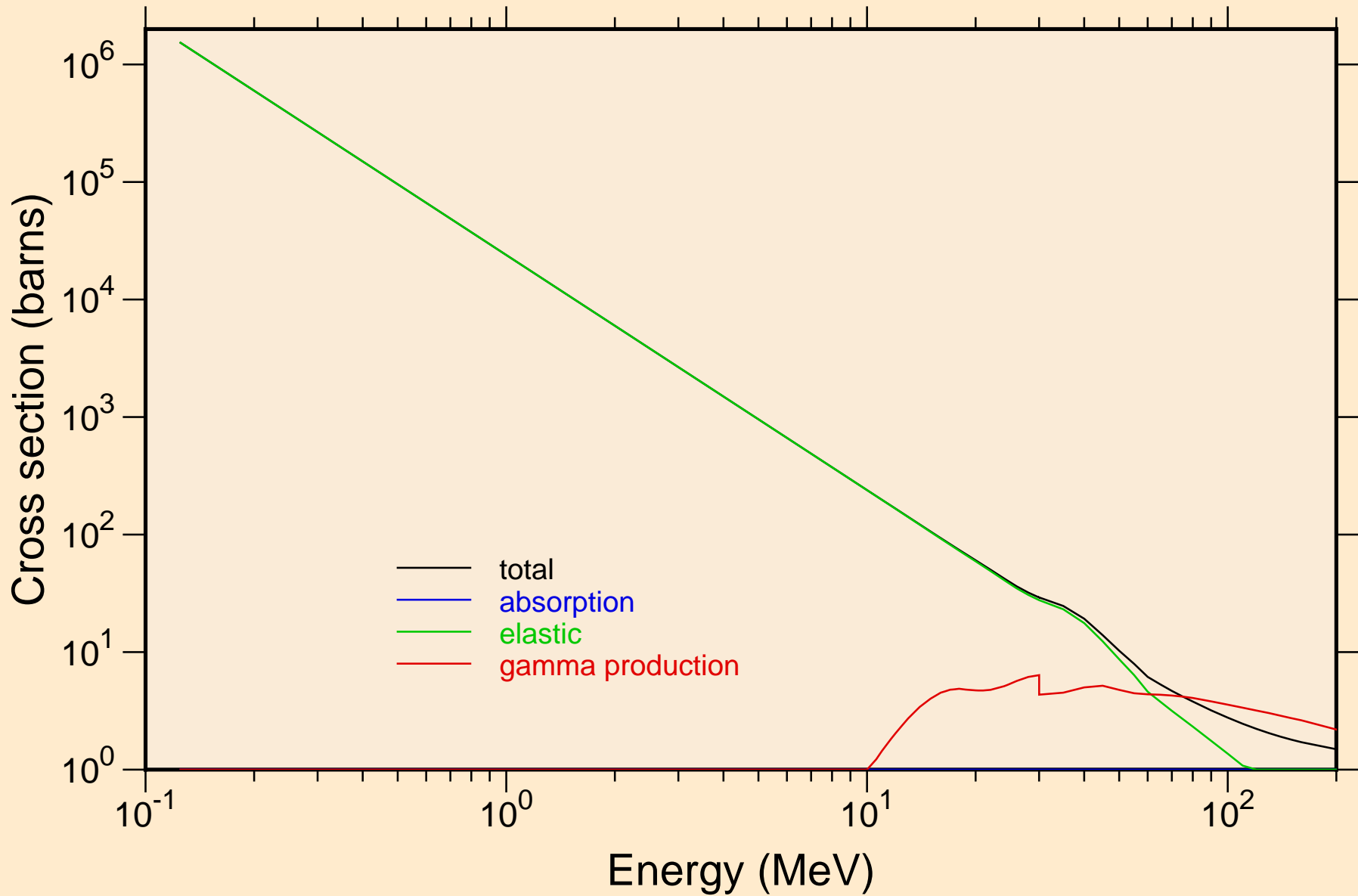


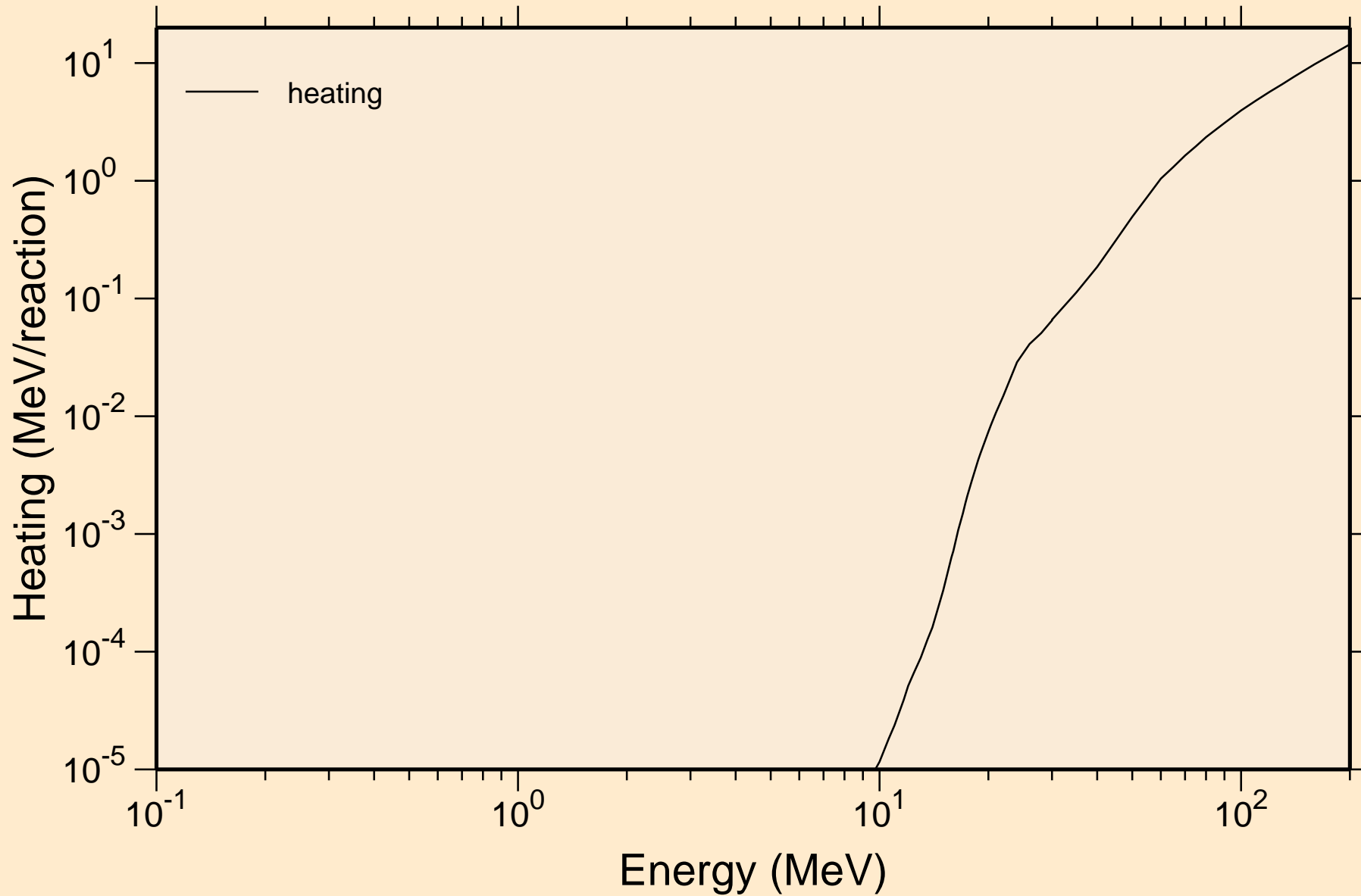
# SM138 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



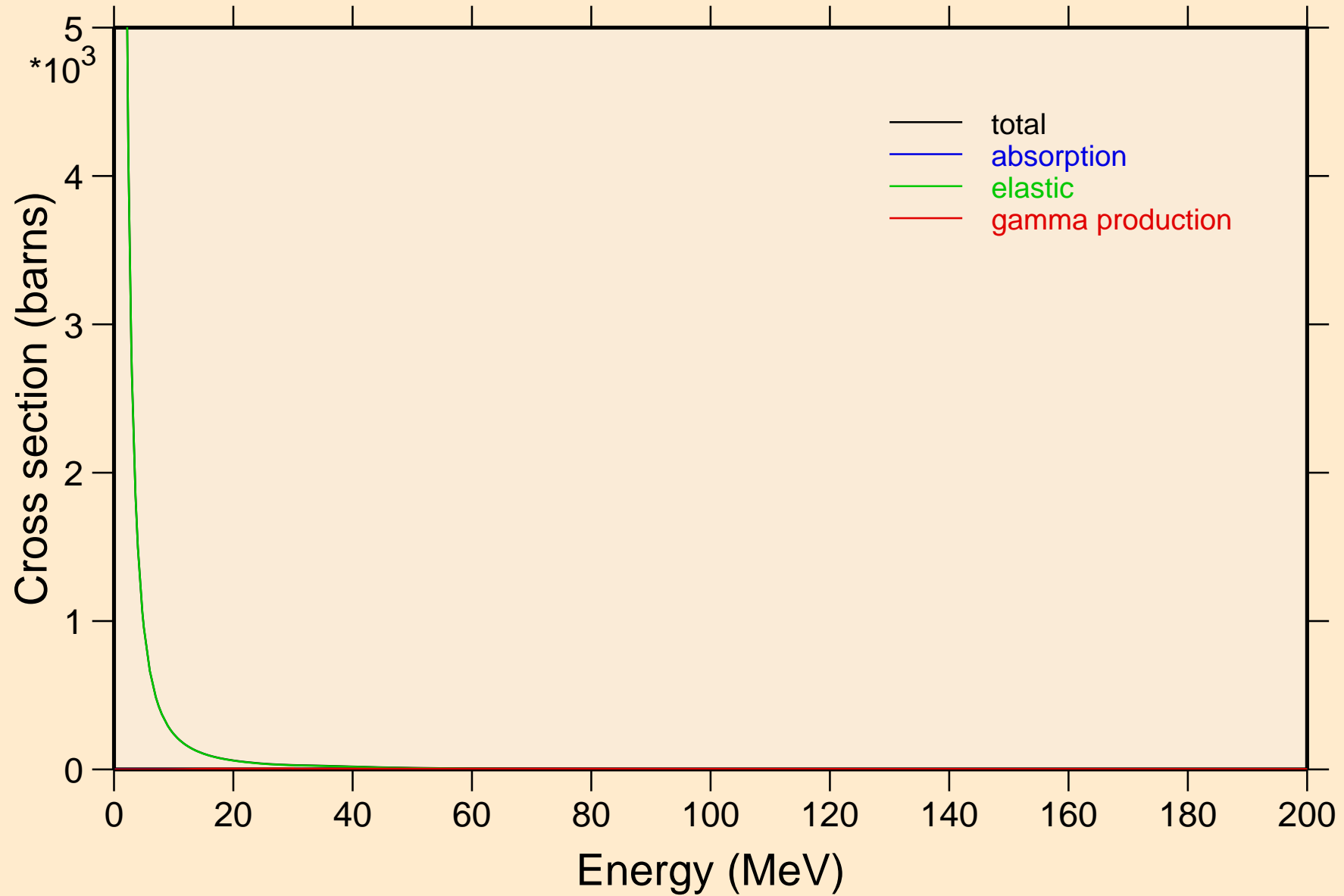
# SM138 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



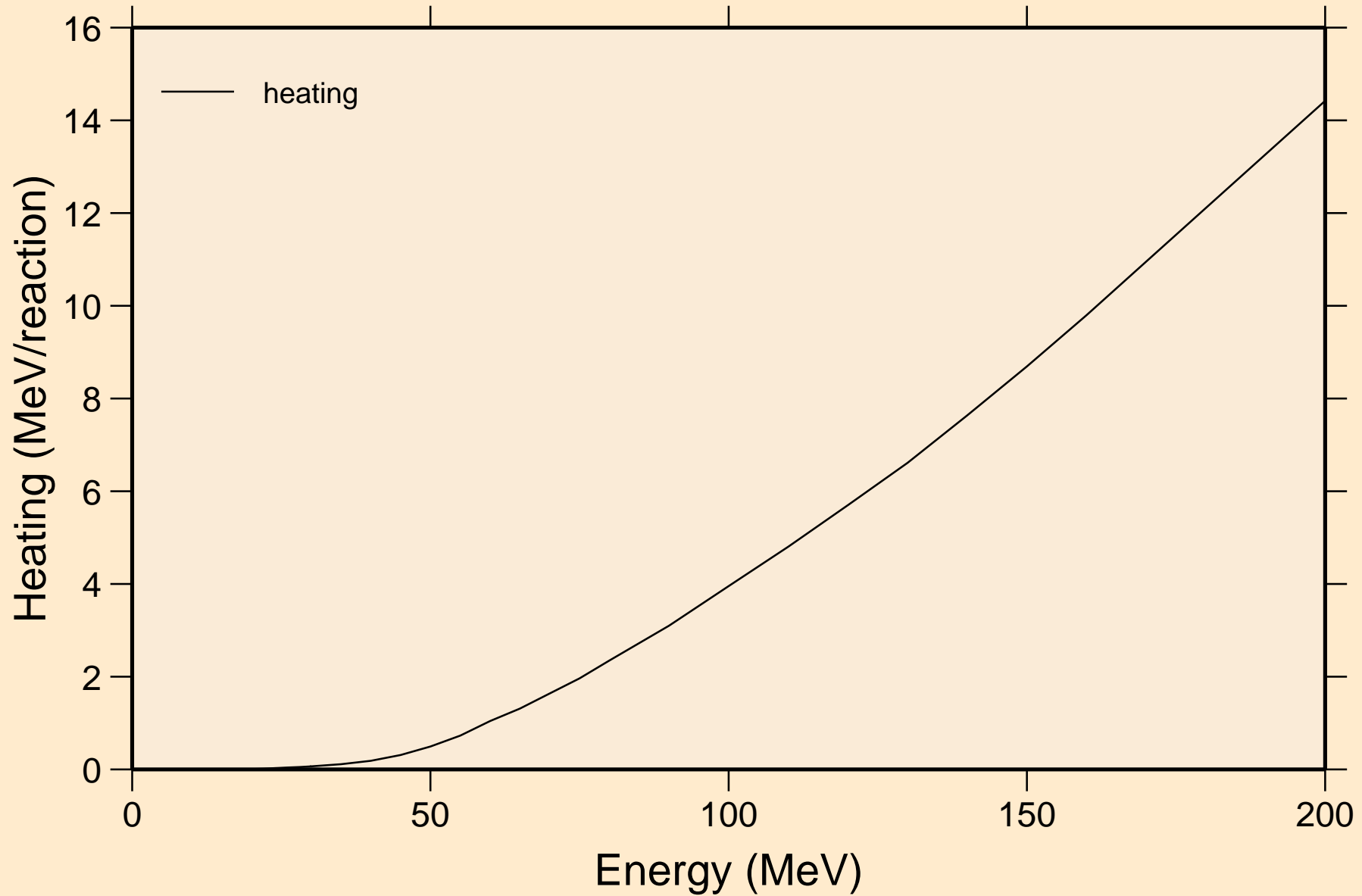
# SM138 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



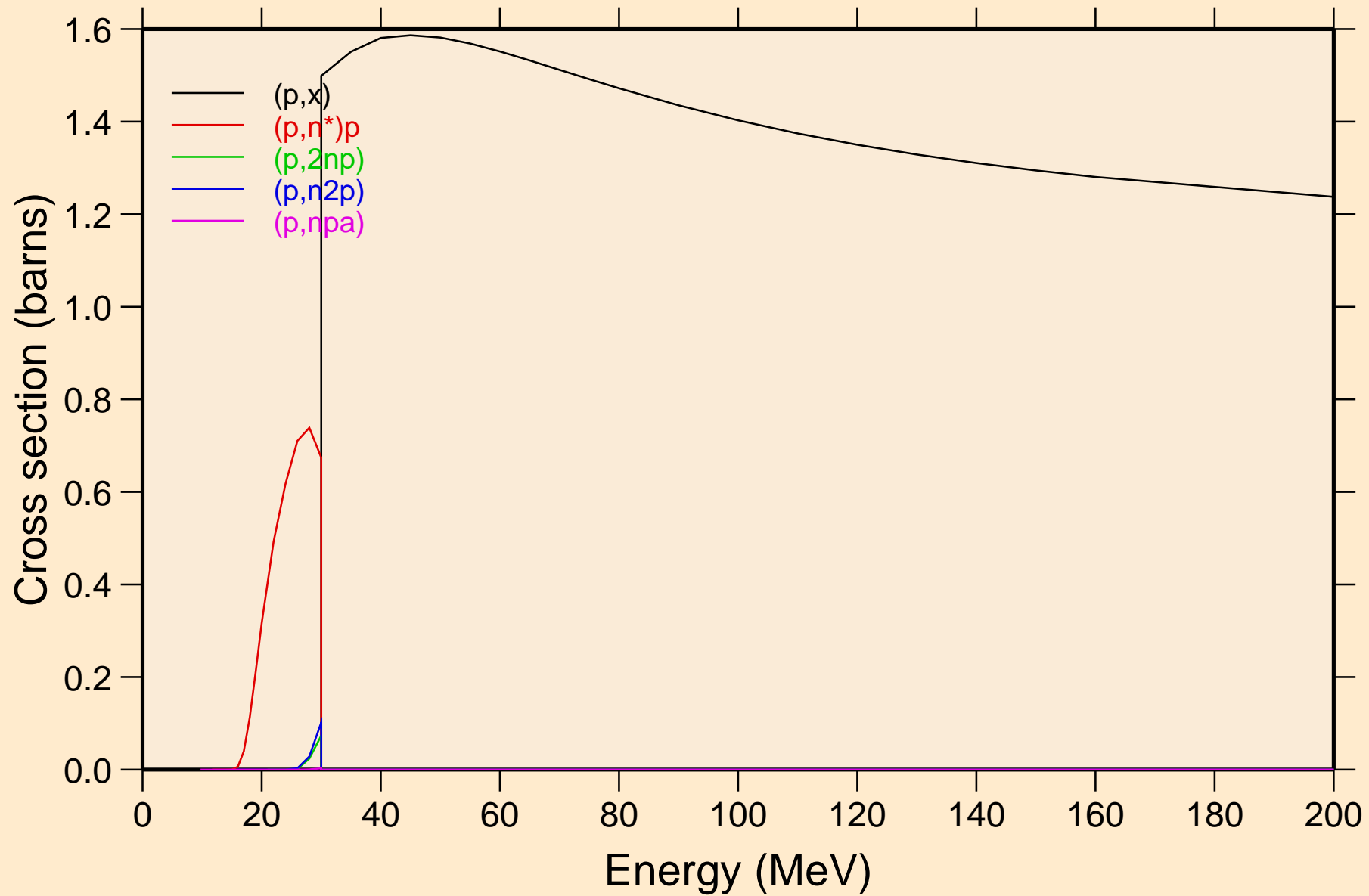
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## Heating



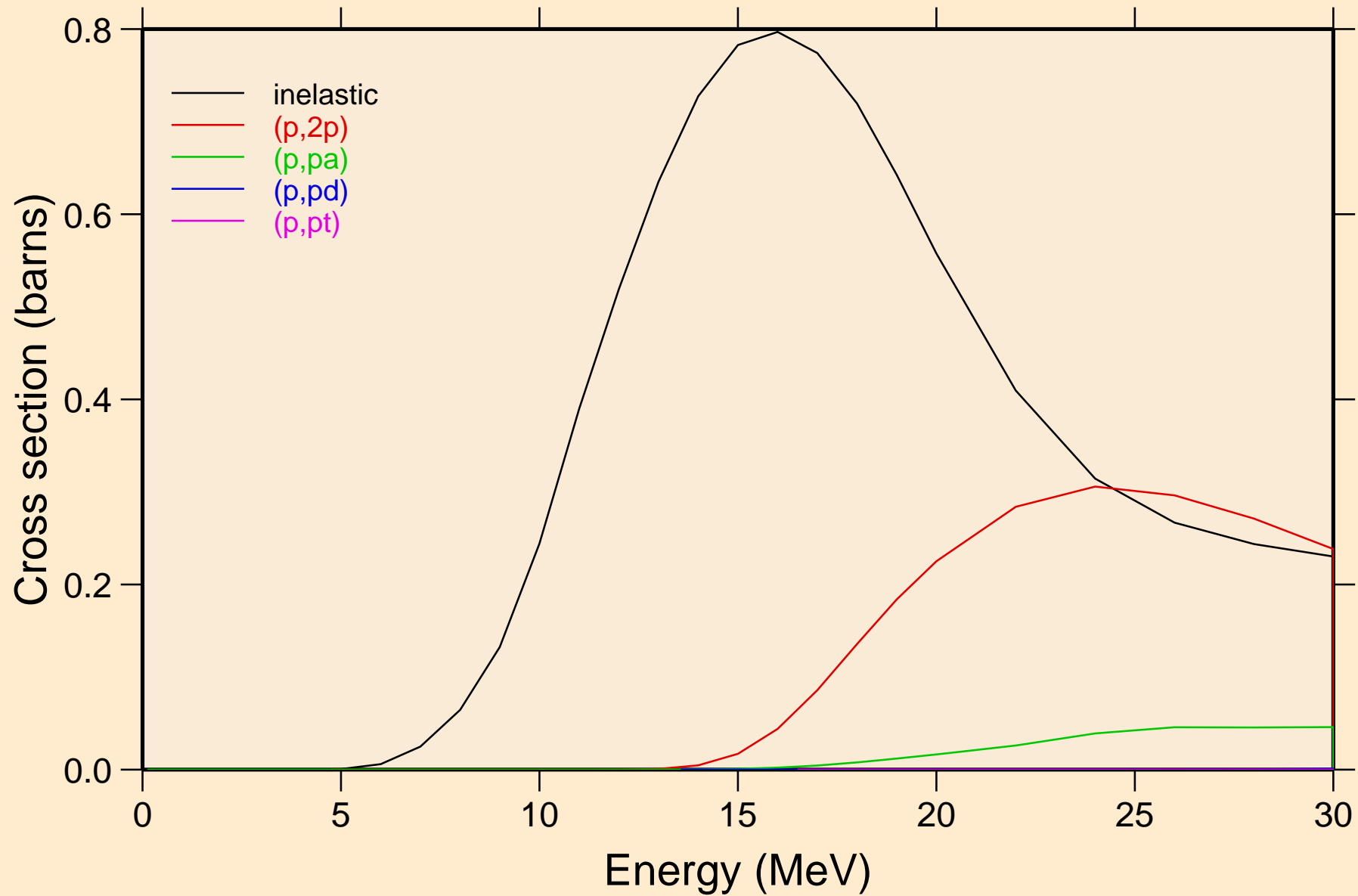
# SM138 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

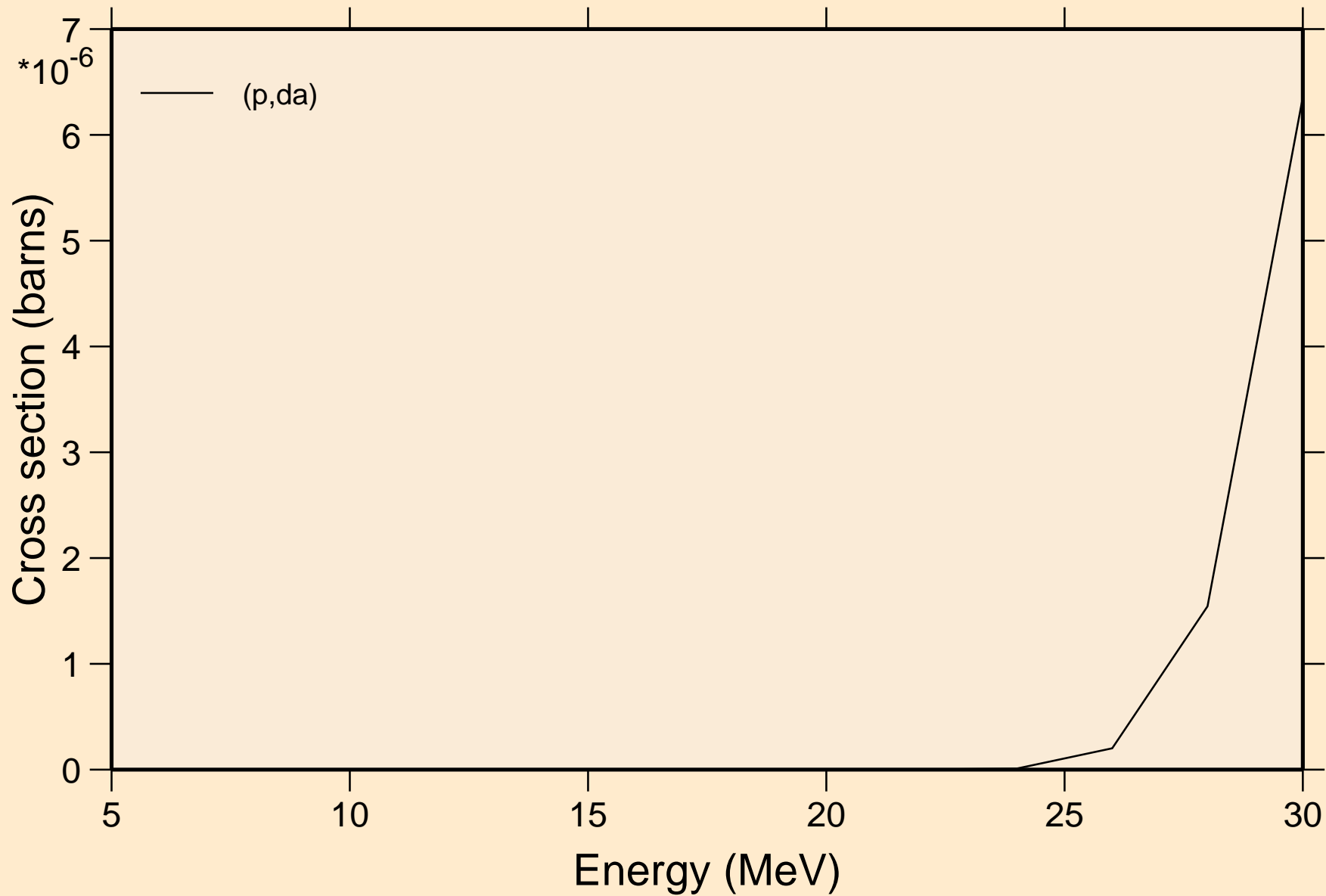


# SM138 PROTON ACER TENDL-2023 LIBRARY; T=0.K

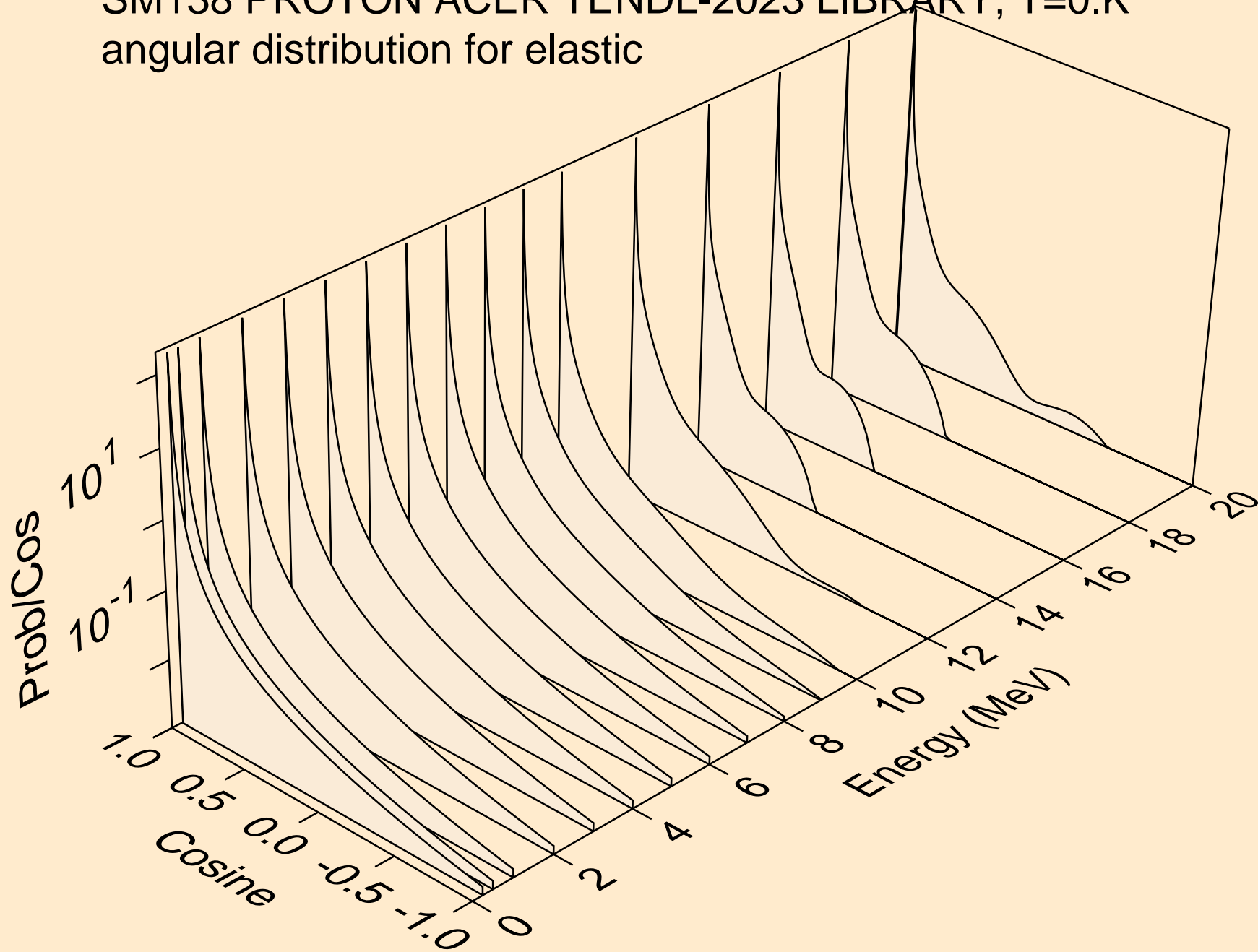
## Threshold reactions



SM138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

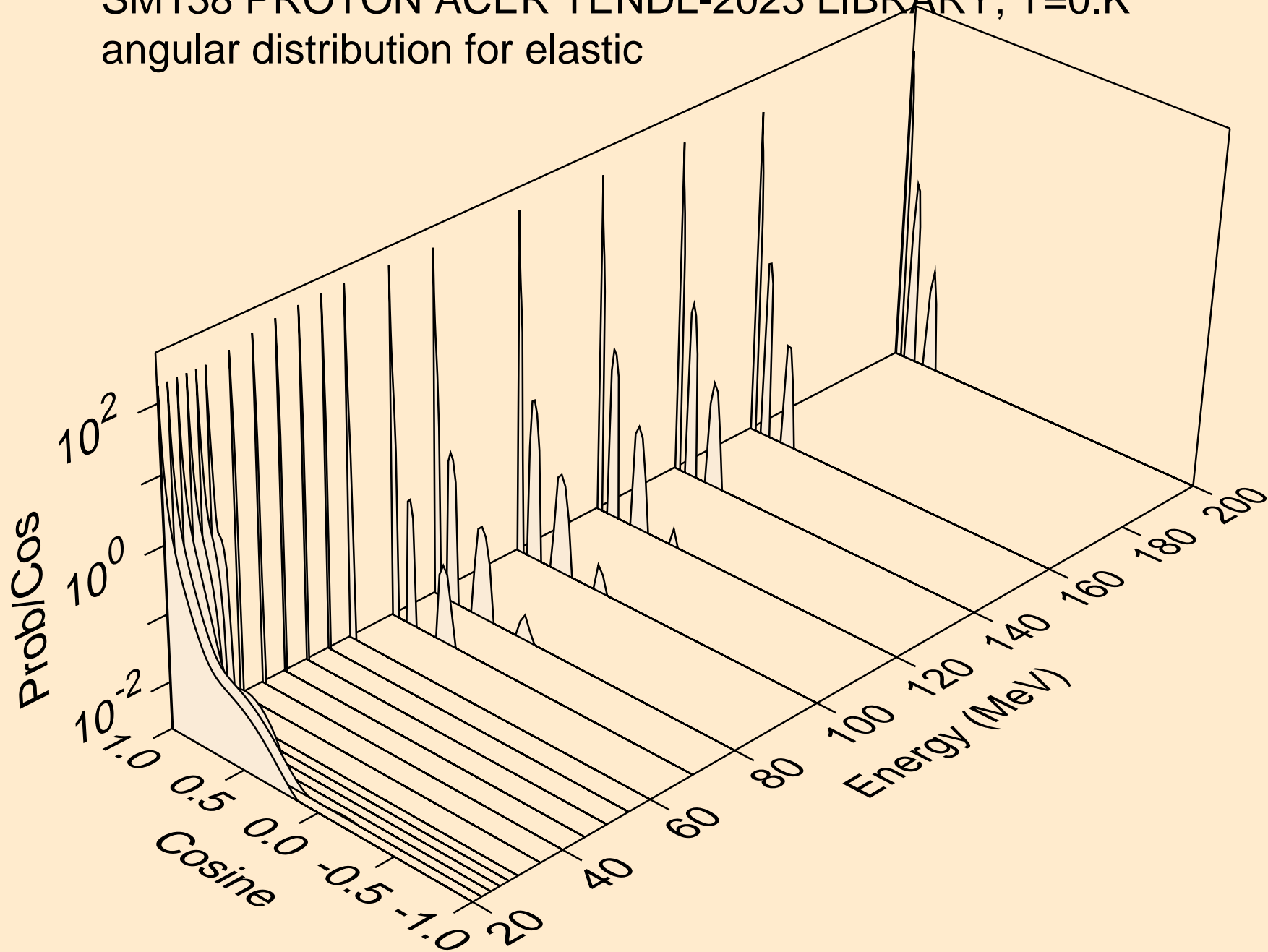


SM138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

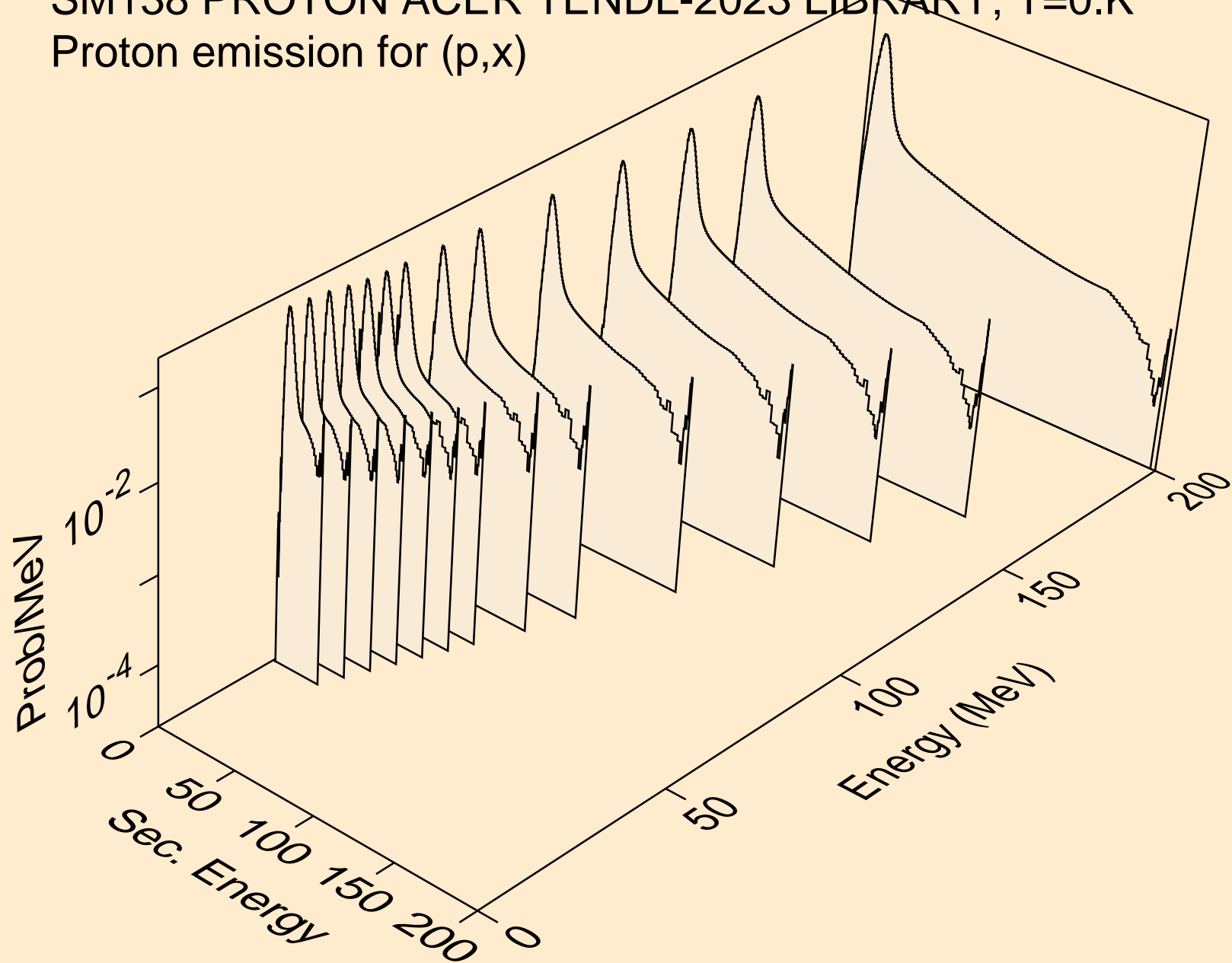




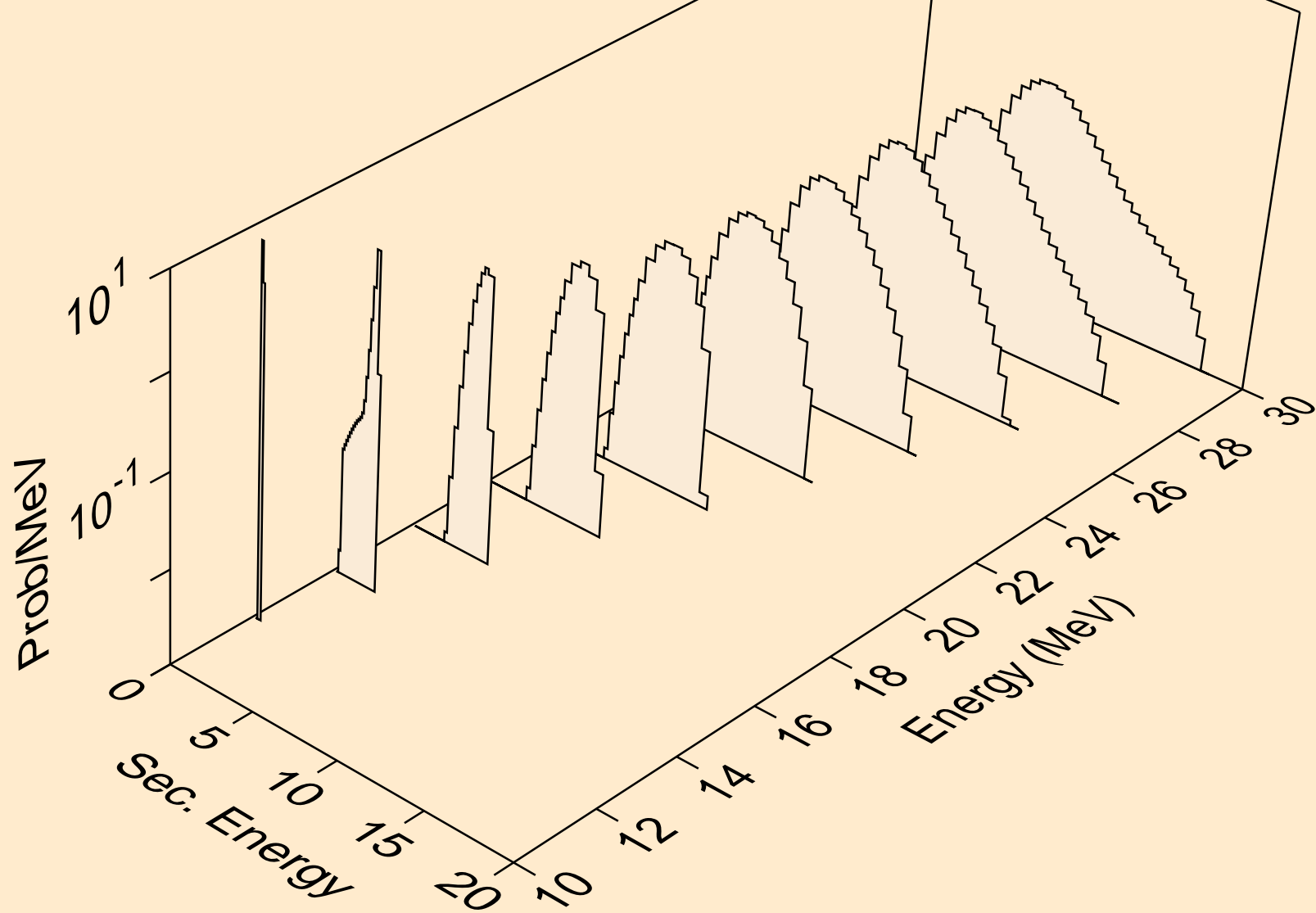
SM138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



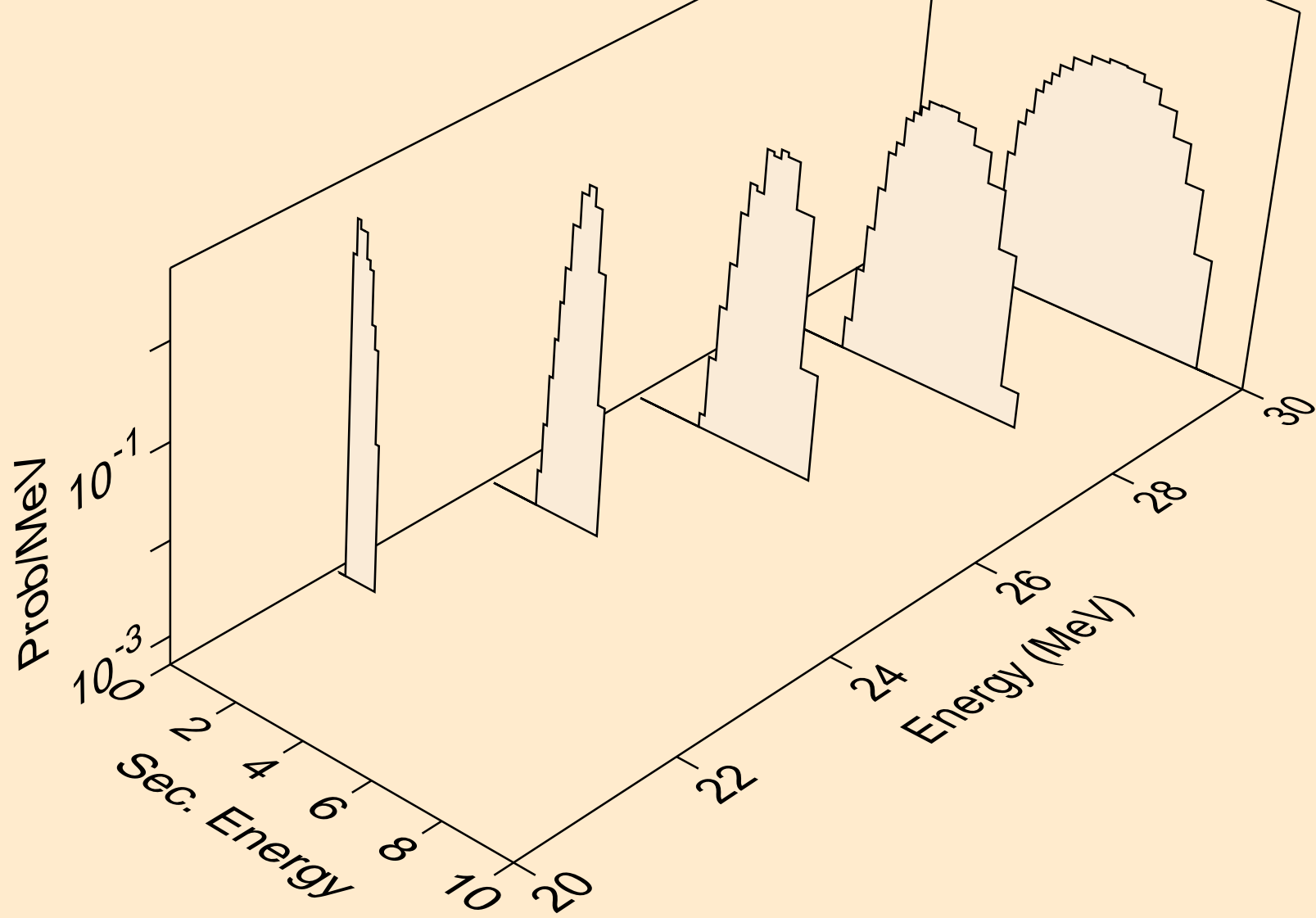
SM138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



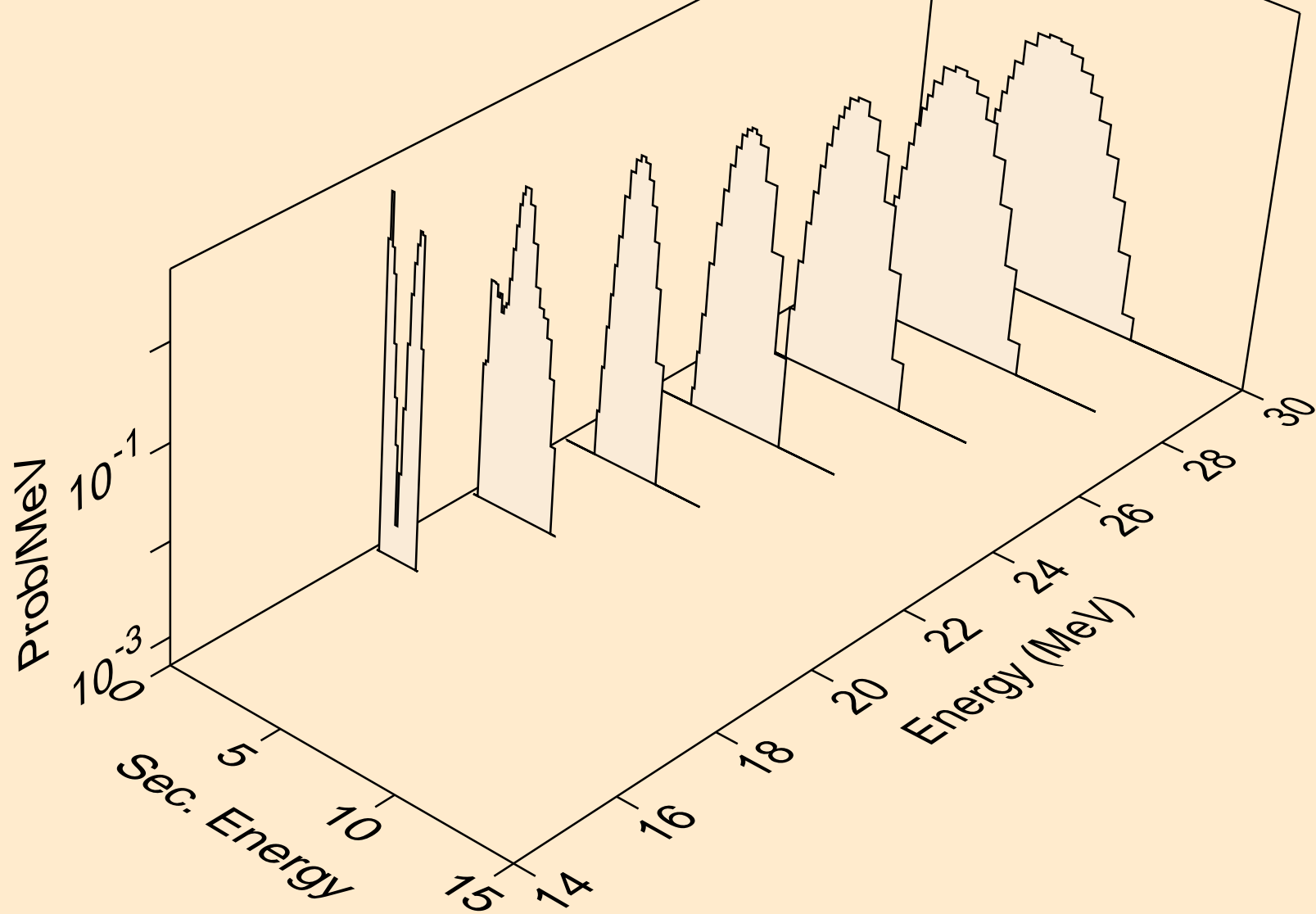
SM138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



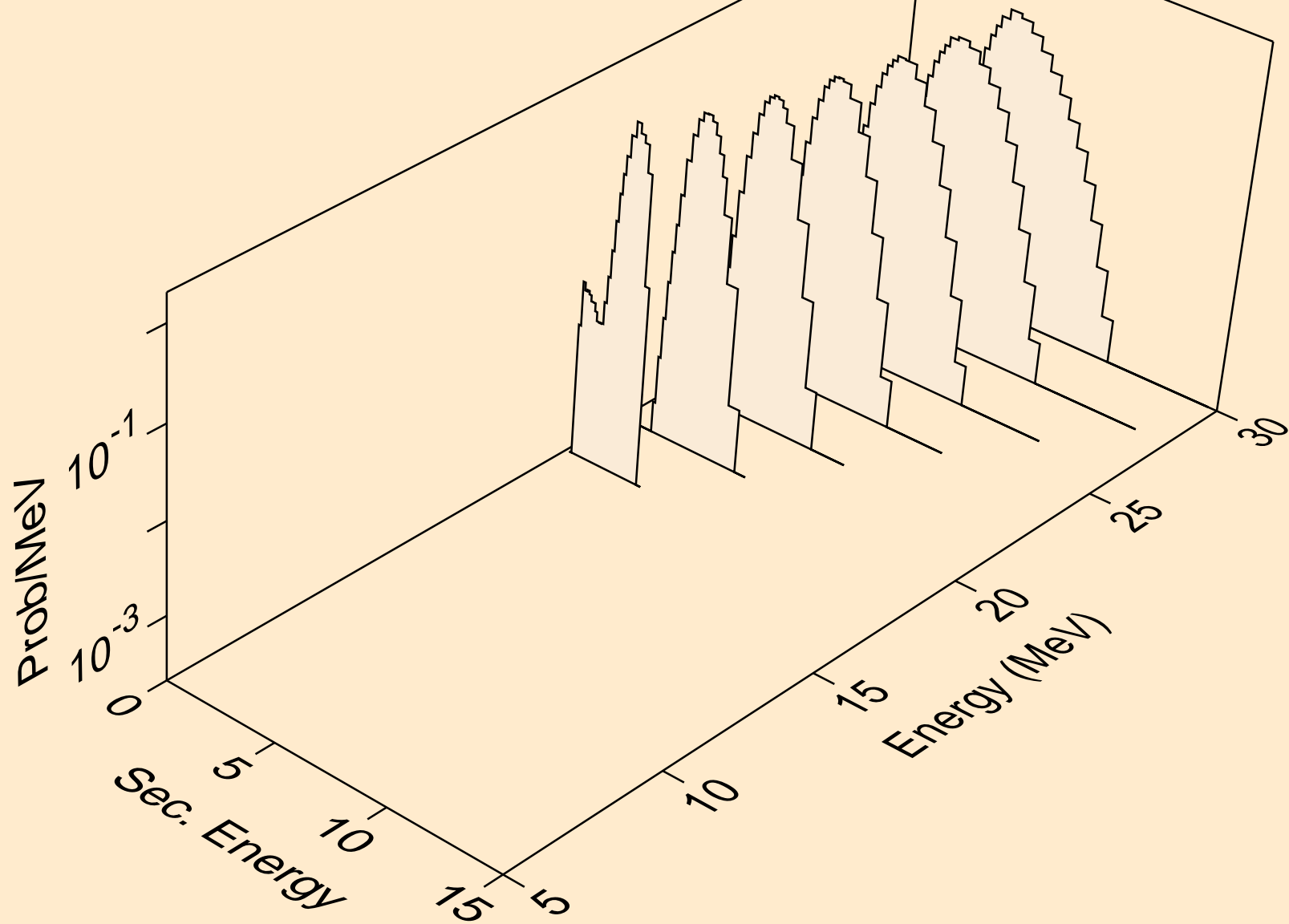
SM138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



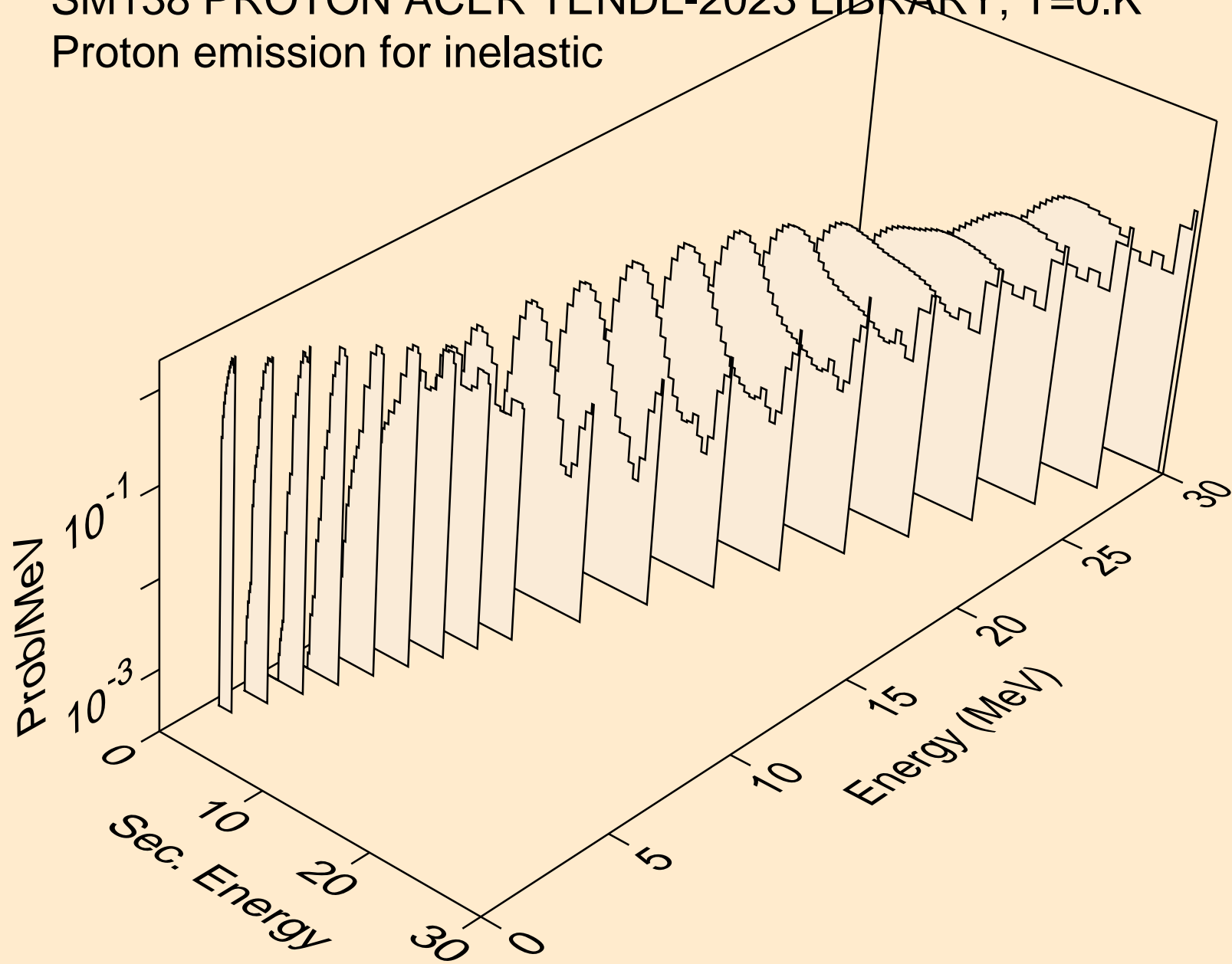
SM138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)



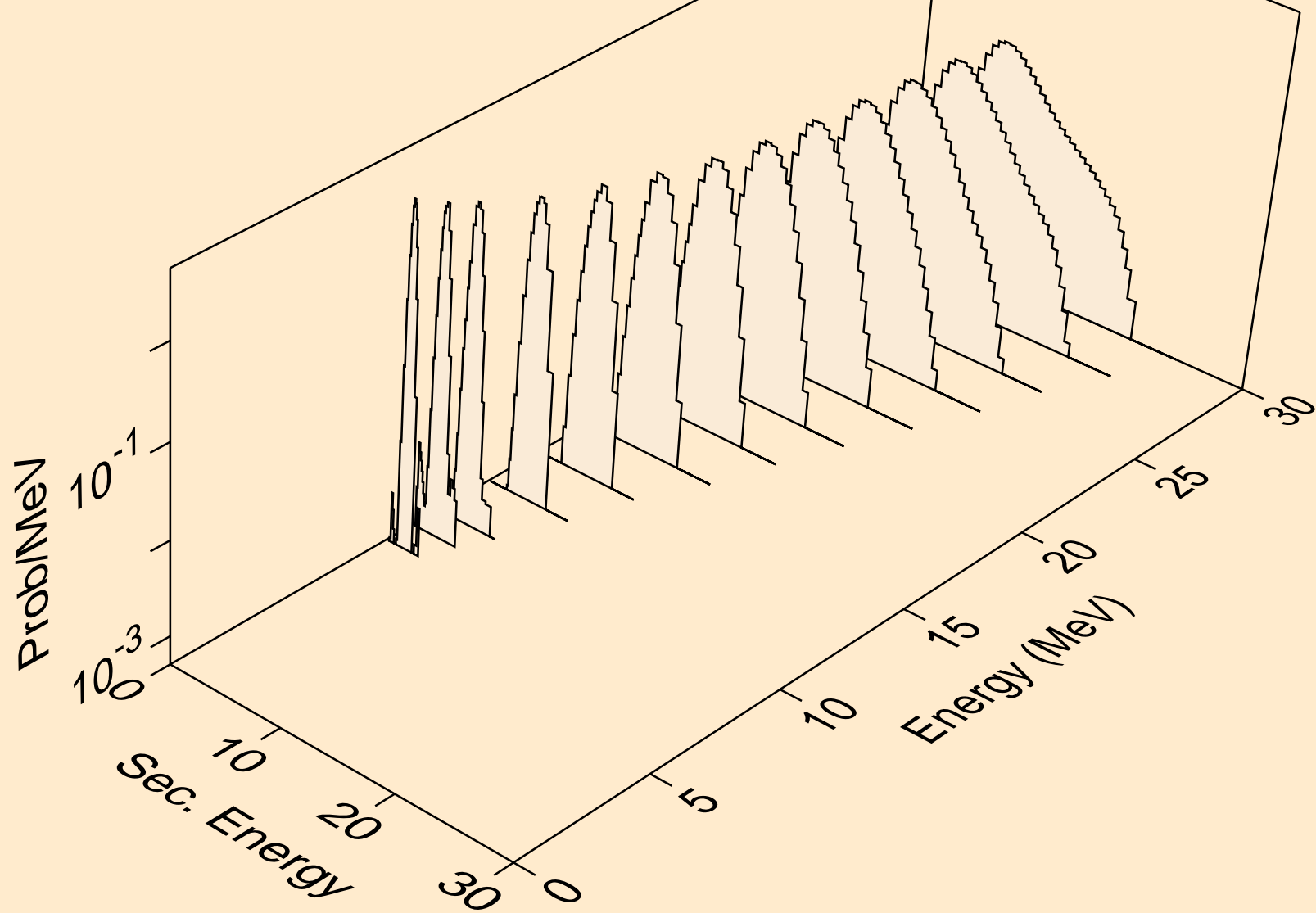
SM138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,npa)



SM138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic

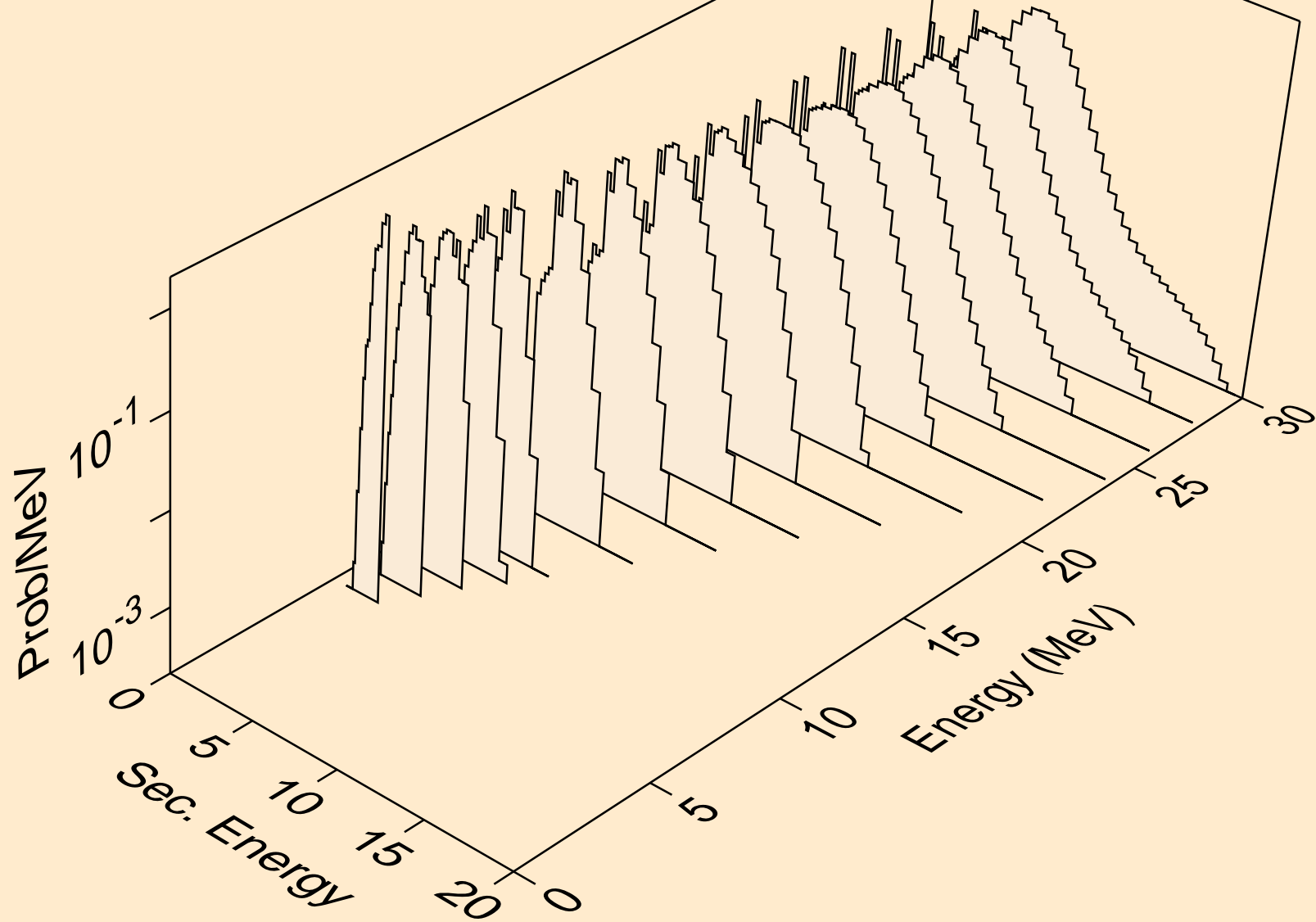


SM138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)

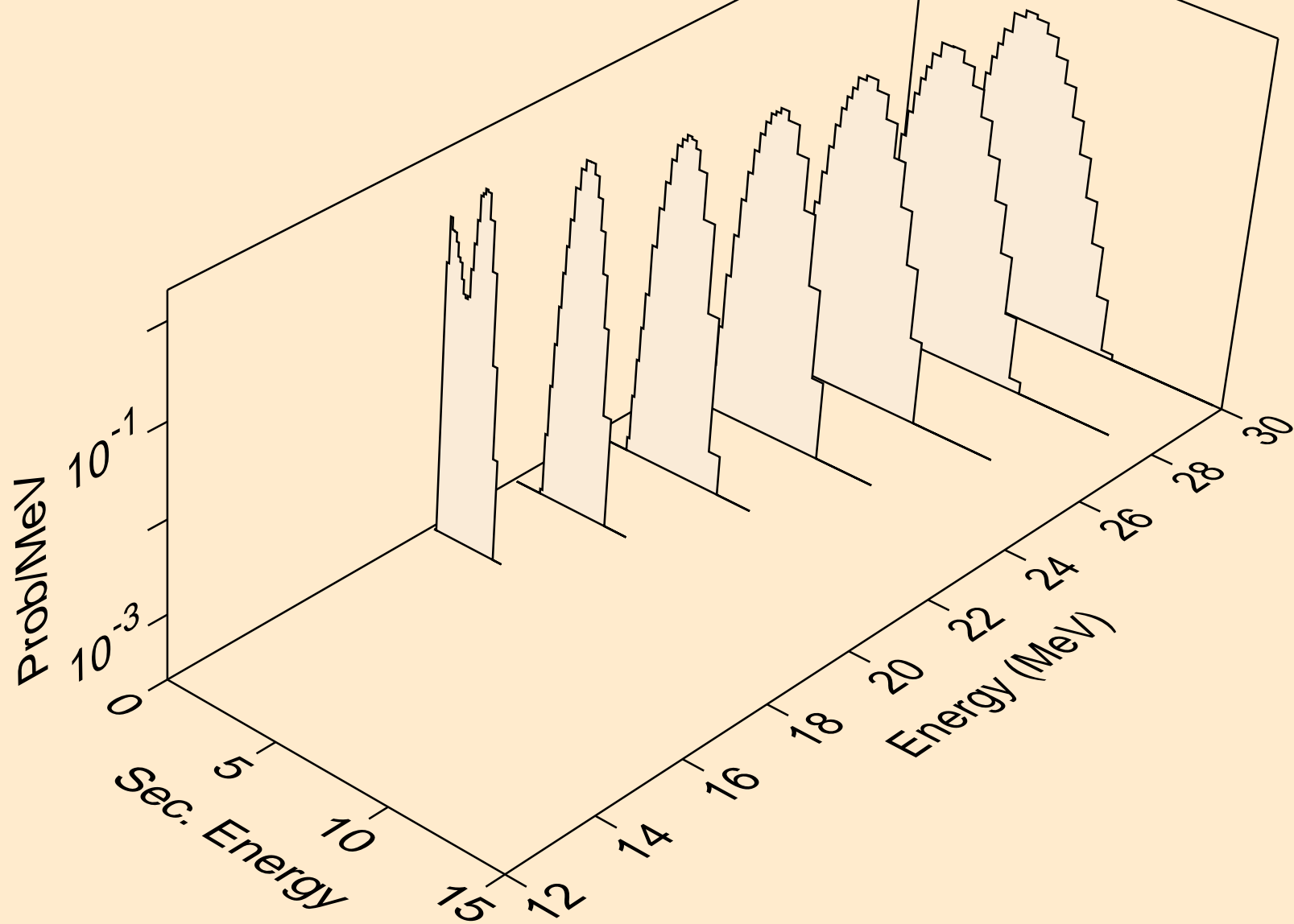




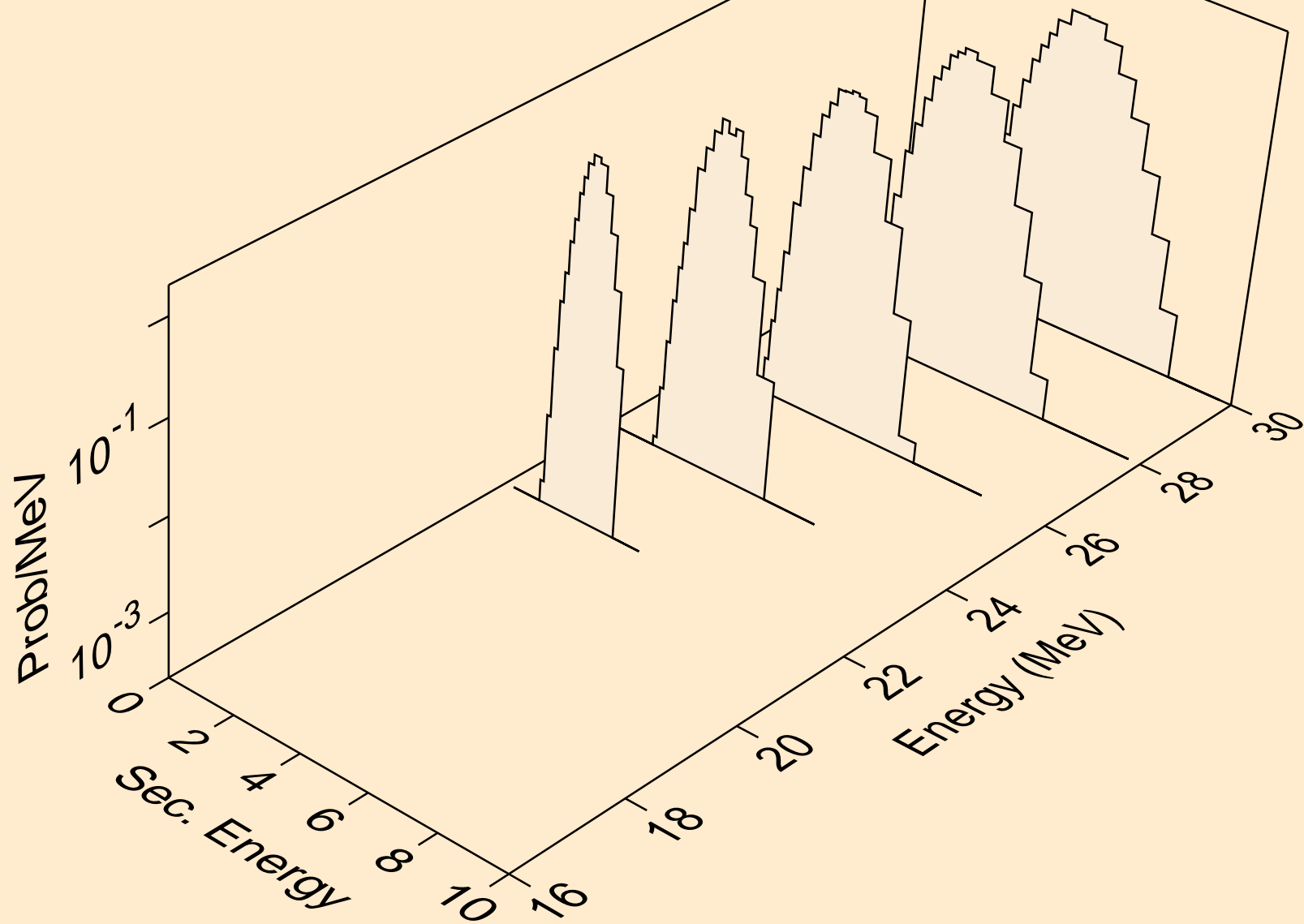
SM138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pa)



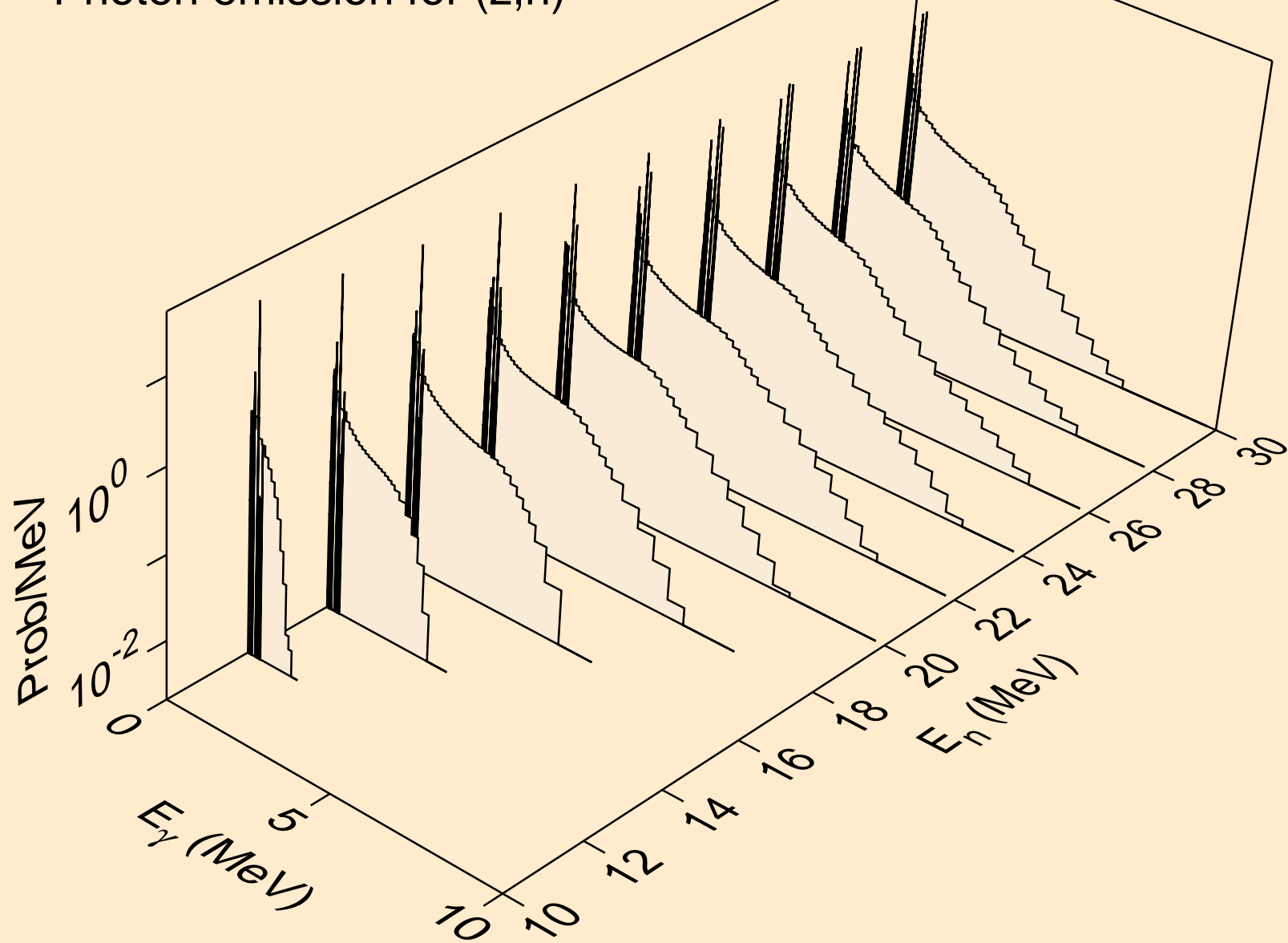
SM138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pd)



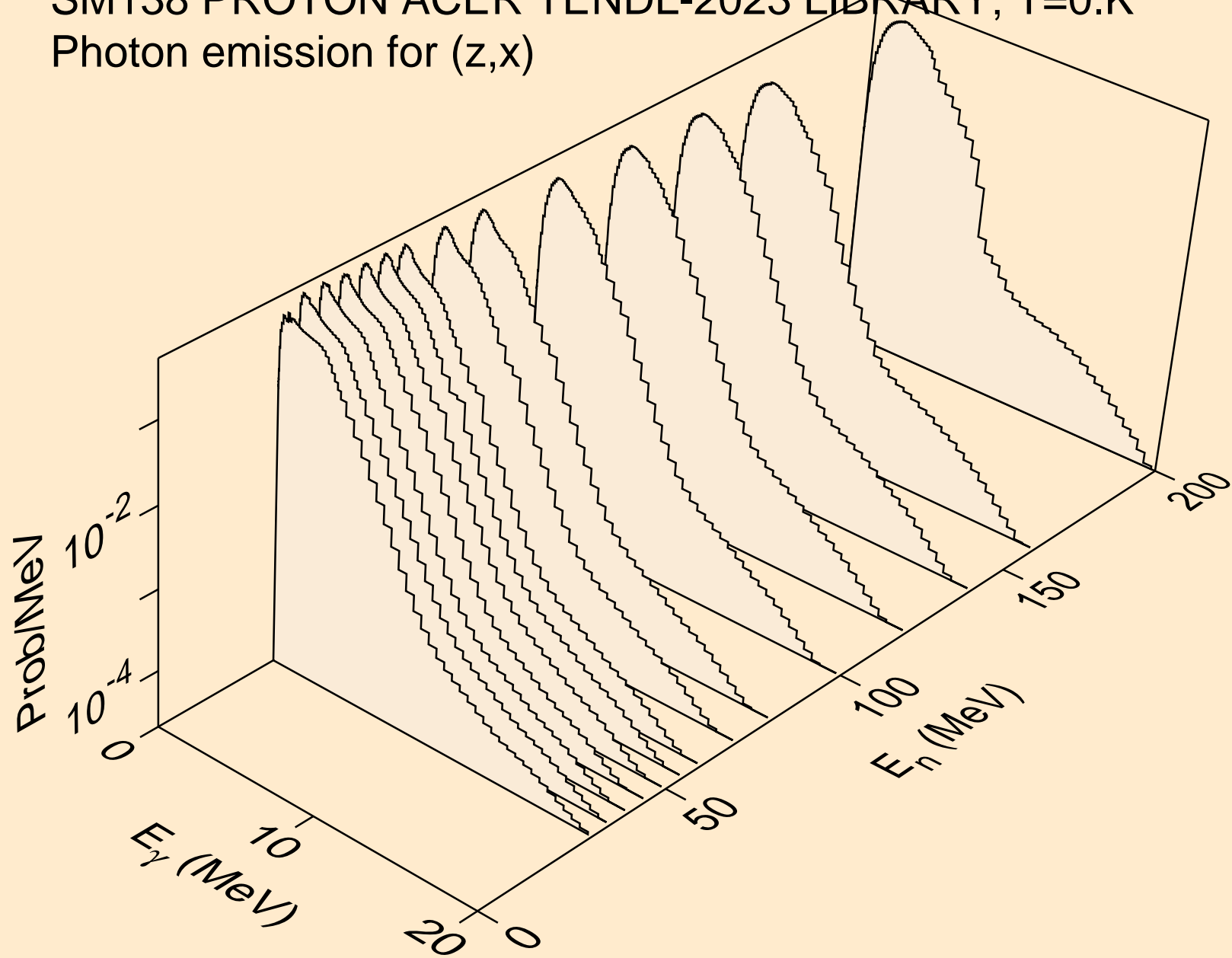
SM138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pt)



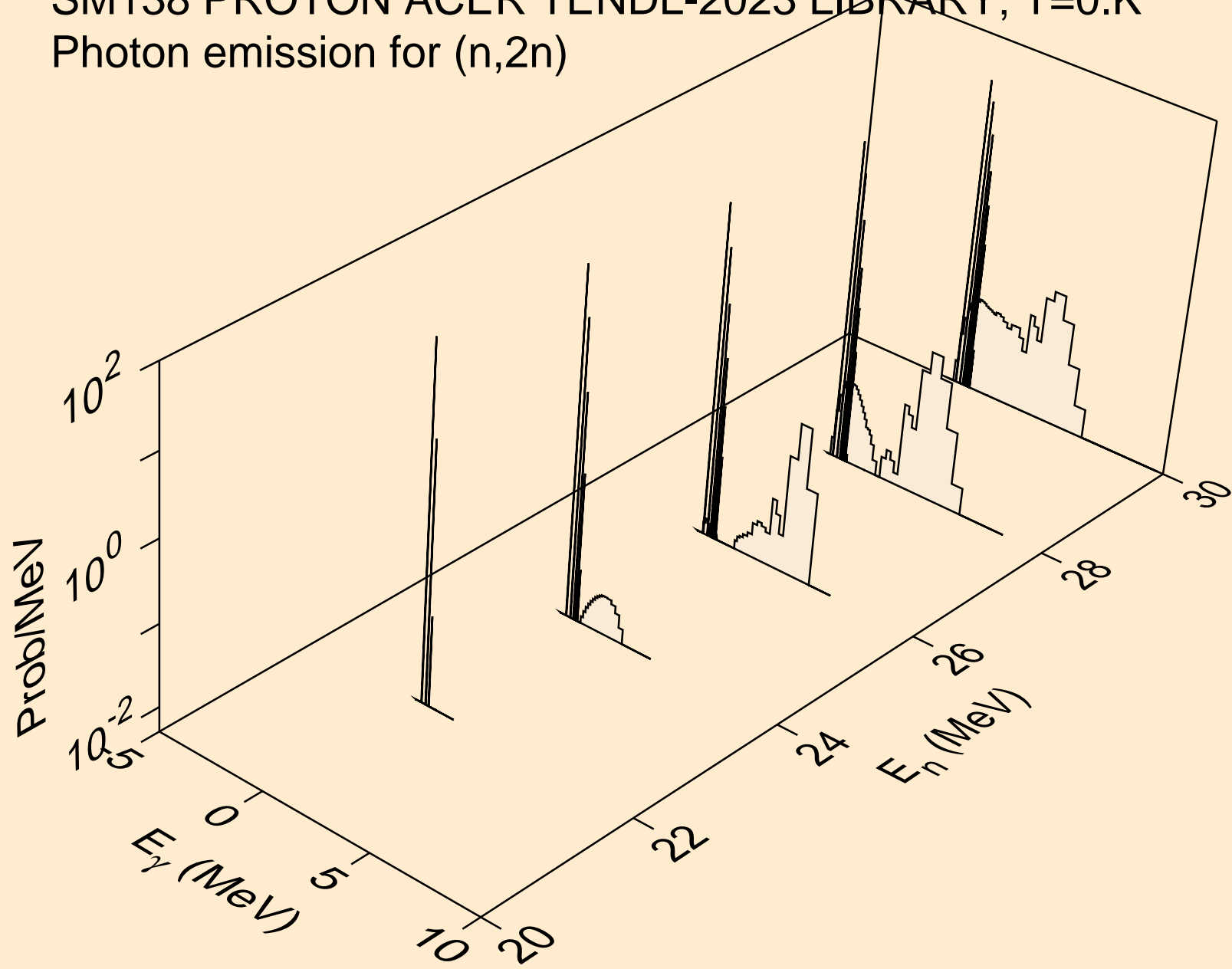
SM138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



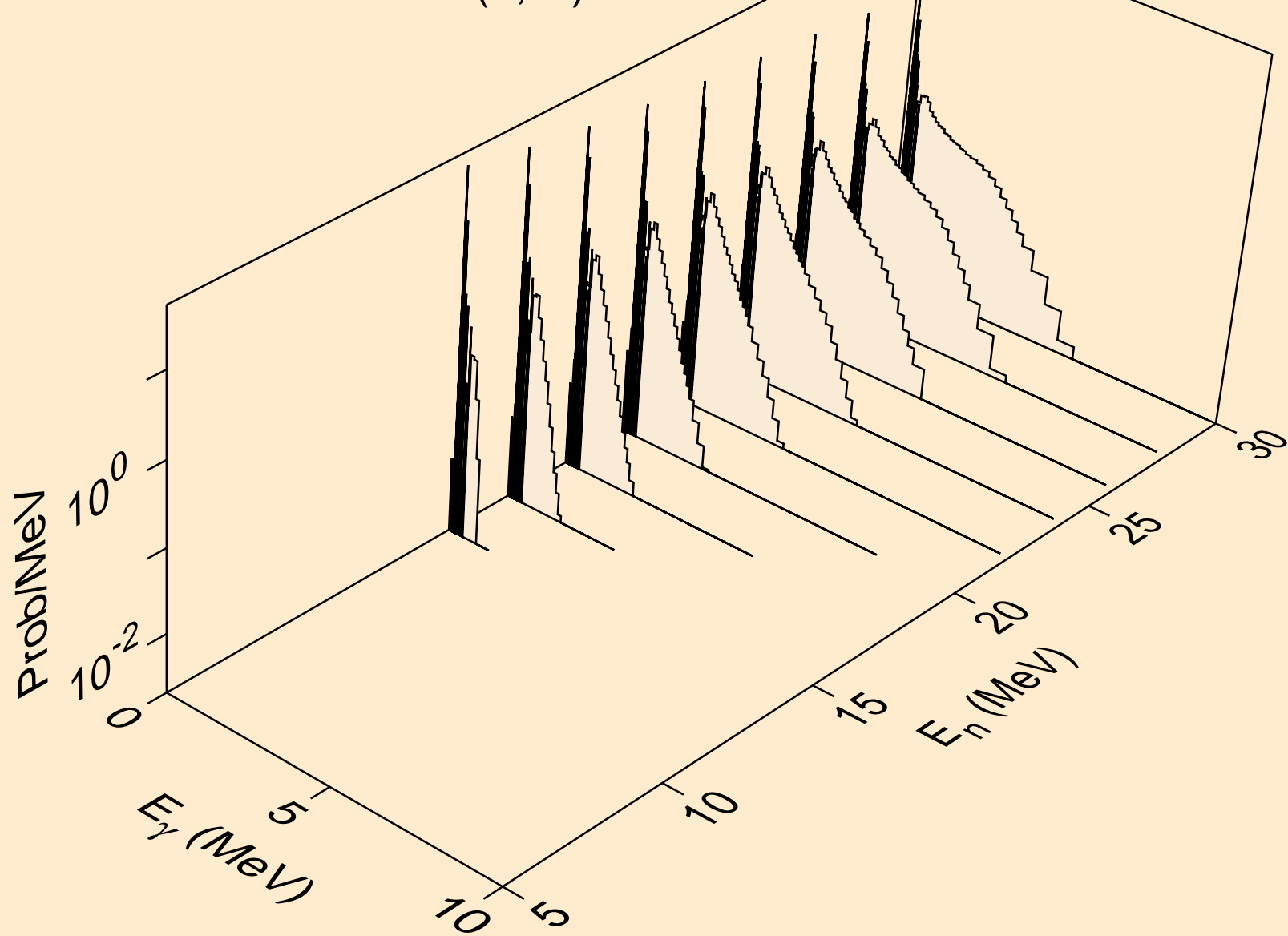
SM138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



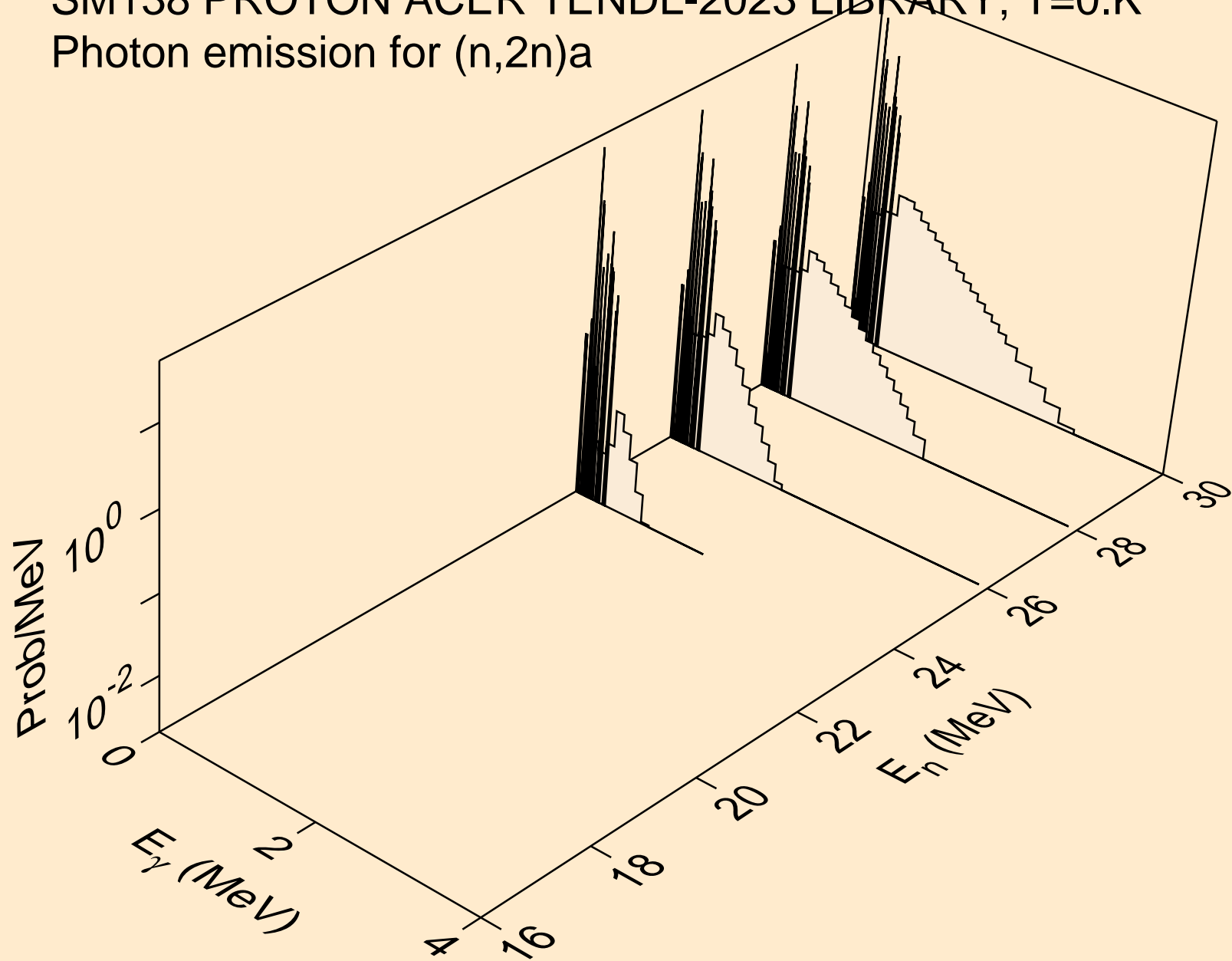
SM138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



SM138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

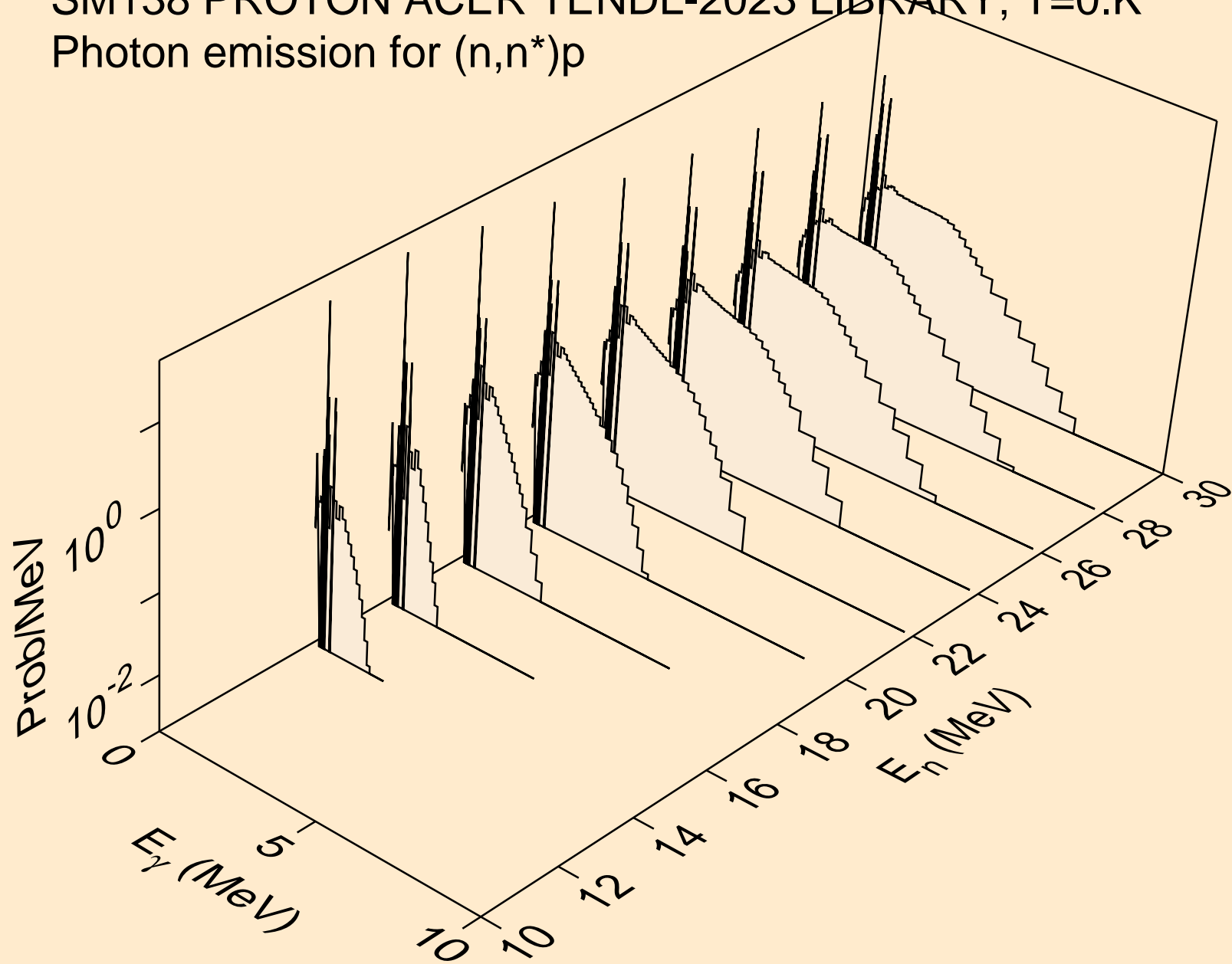


SM138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

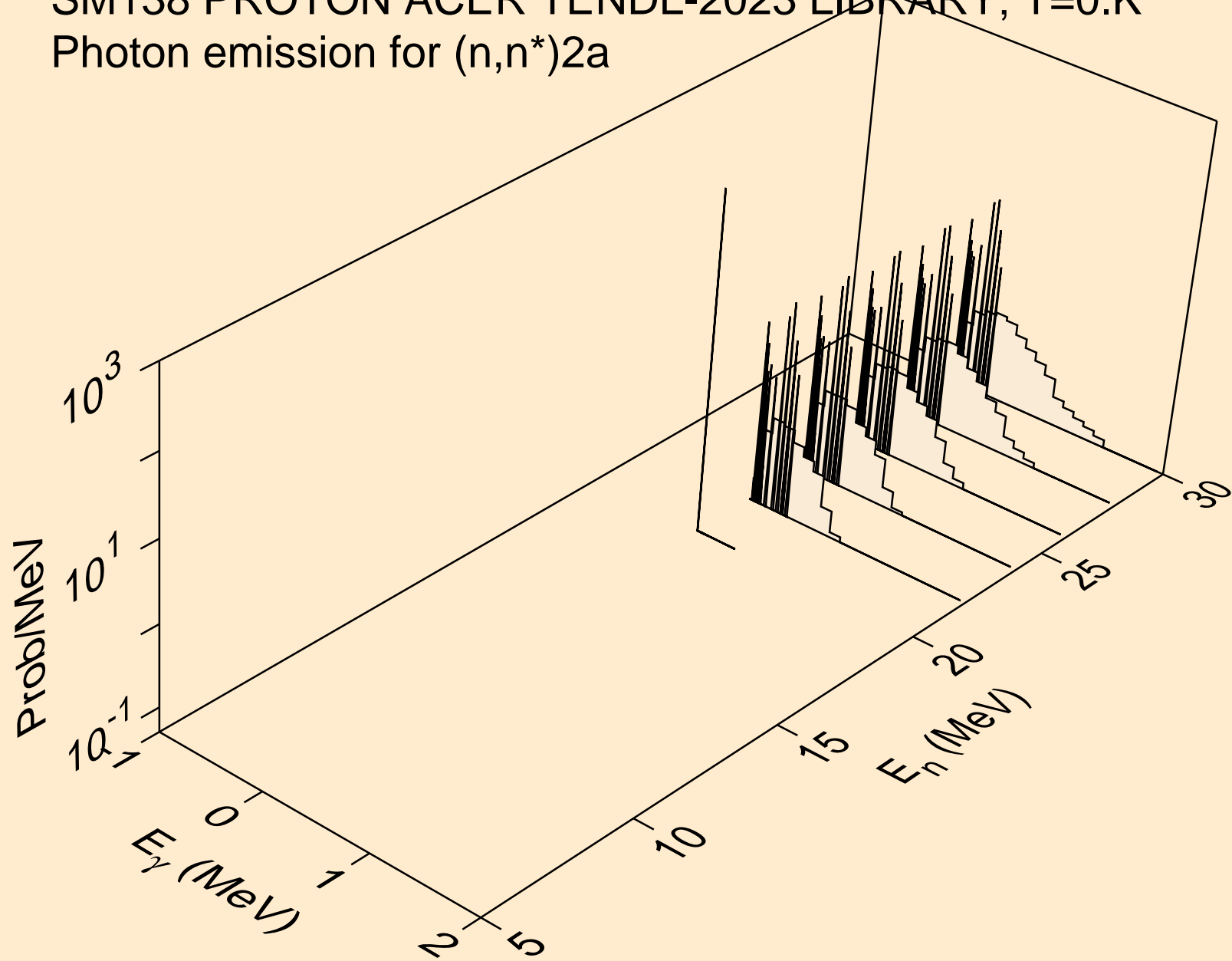




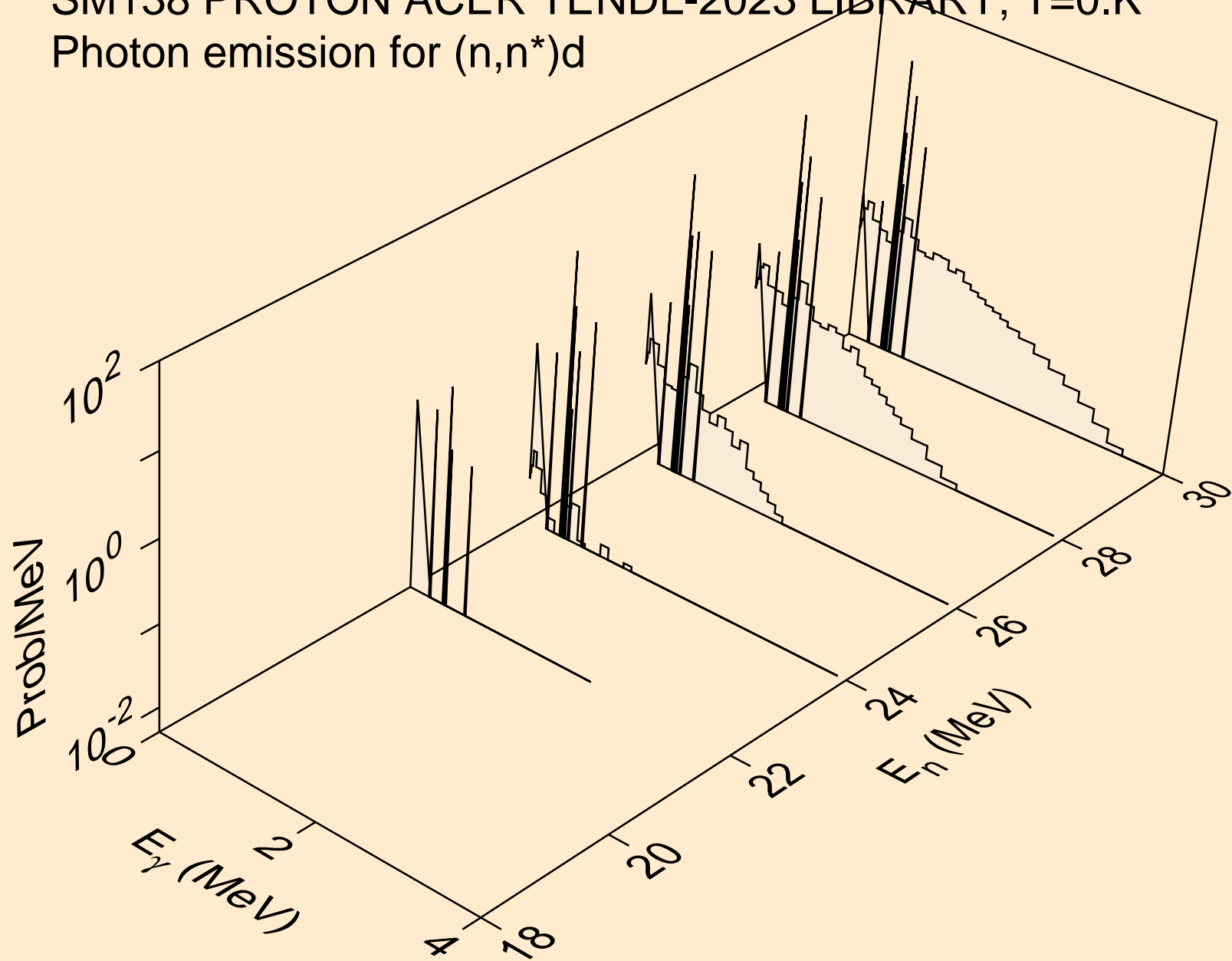
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Photon emission for (n,n\*)p



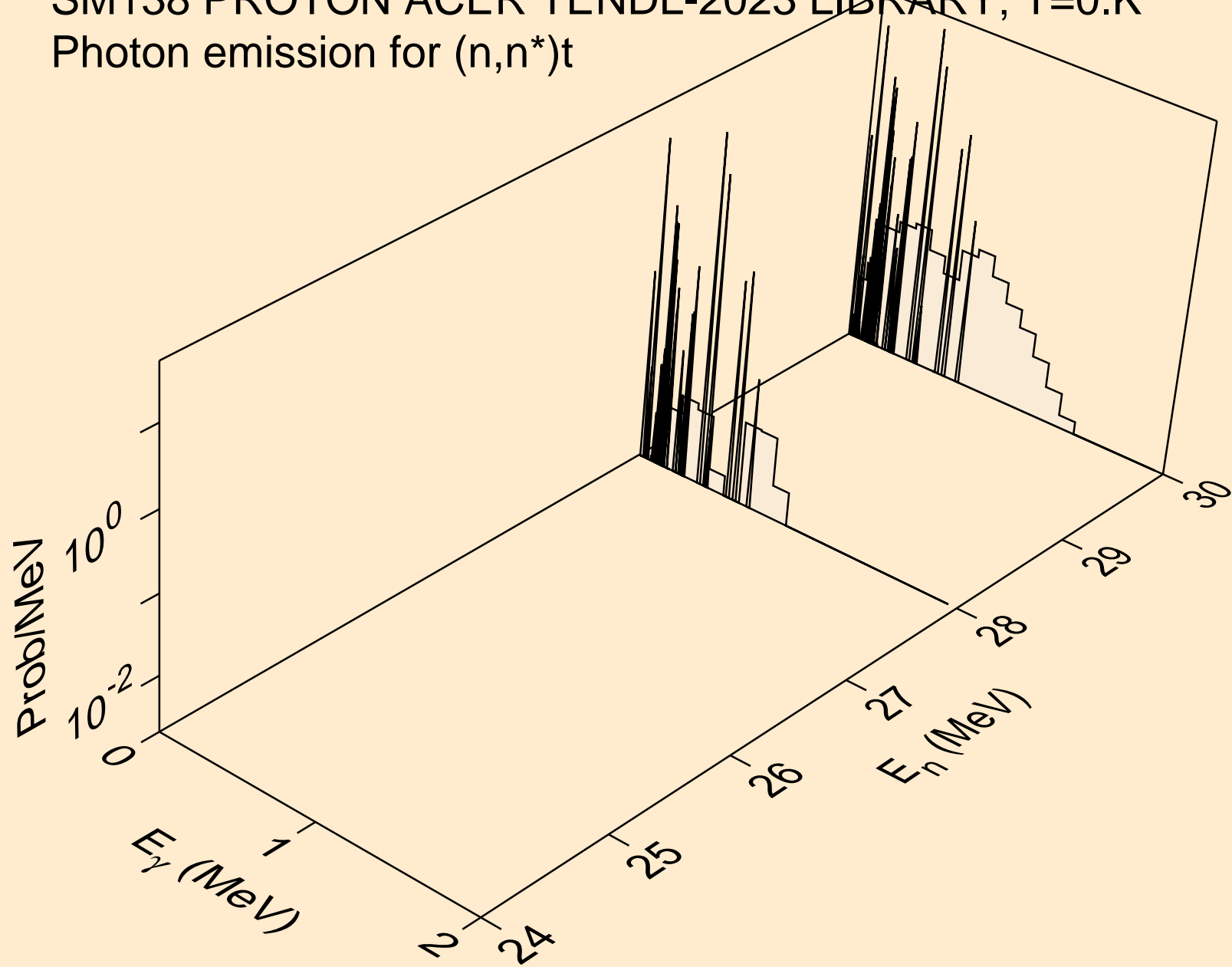
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Photon emission for (n,n\*)2a



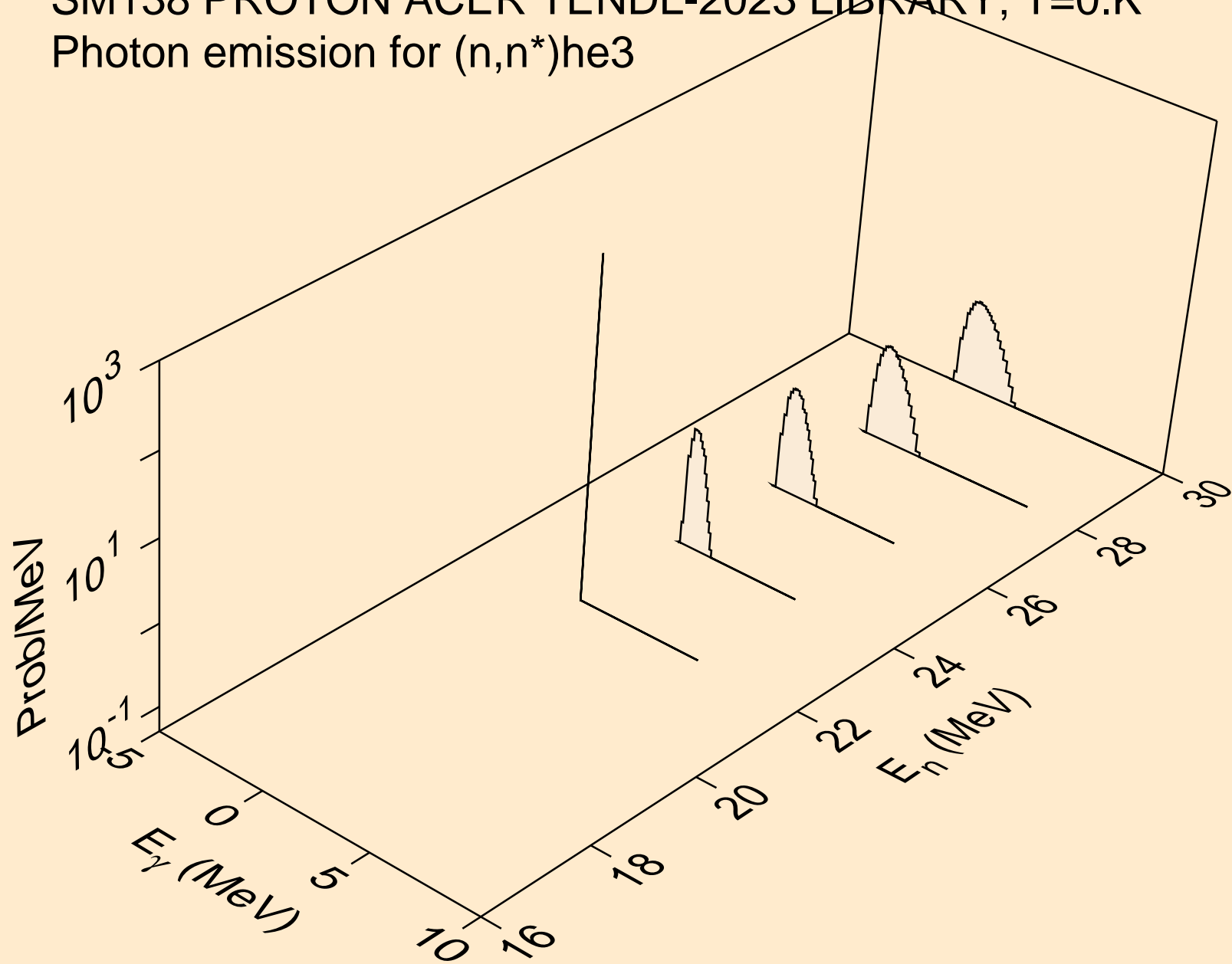
SM138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



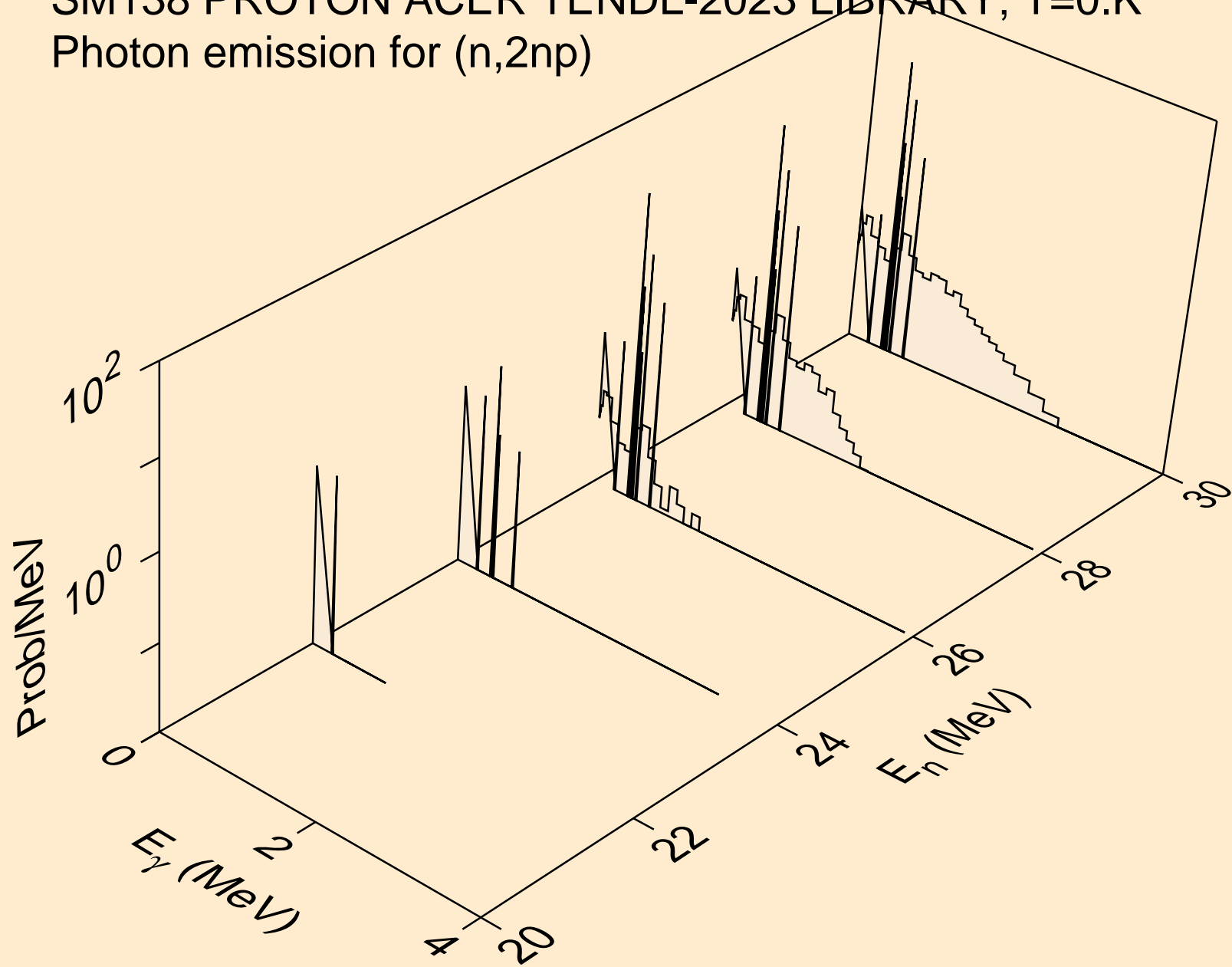
SM138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



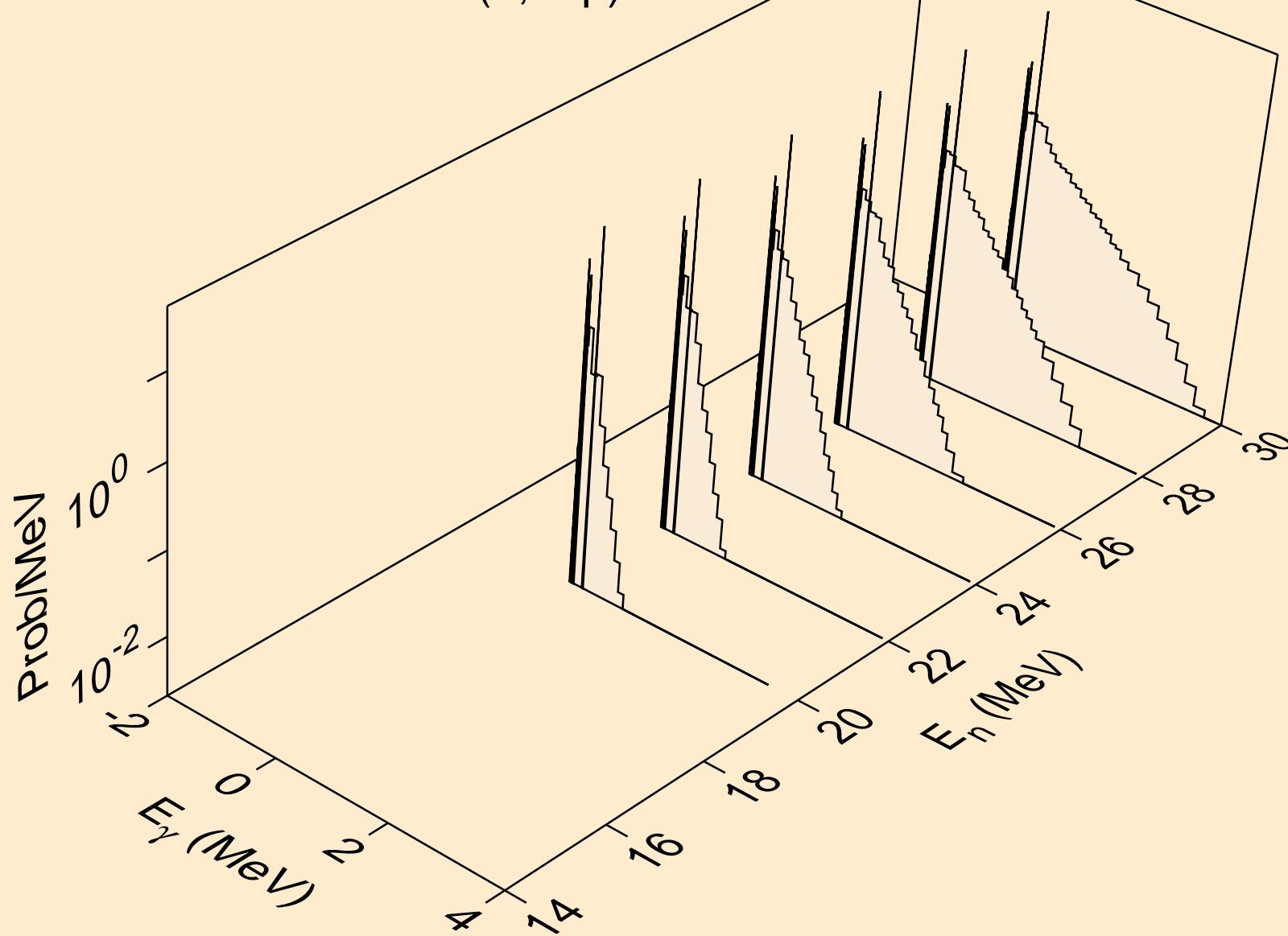
SM138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



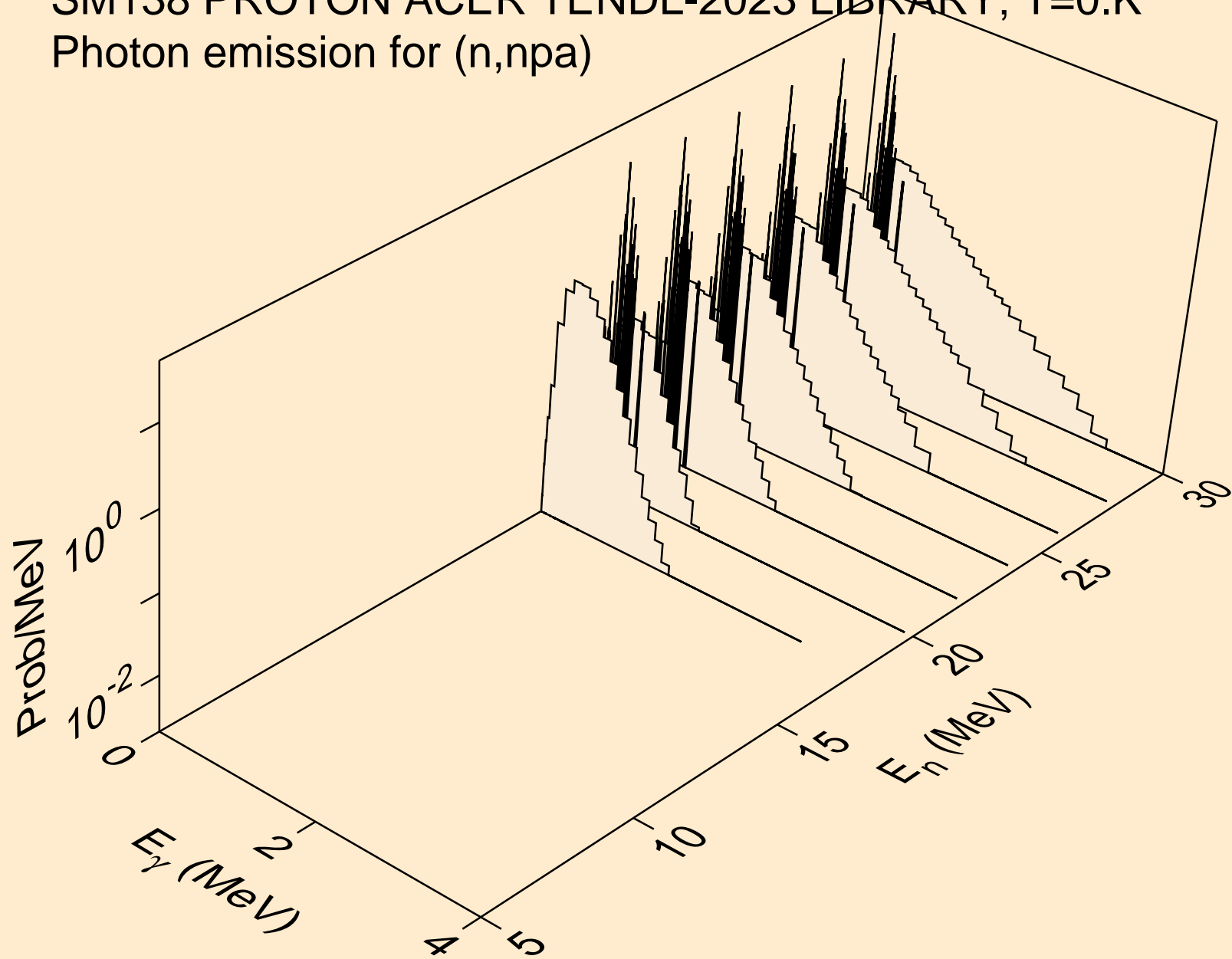
SM138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



SM138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)

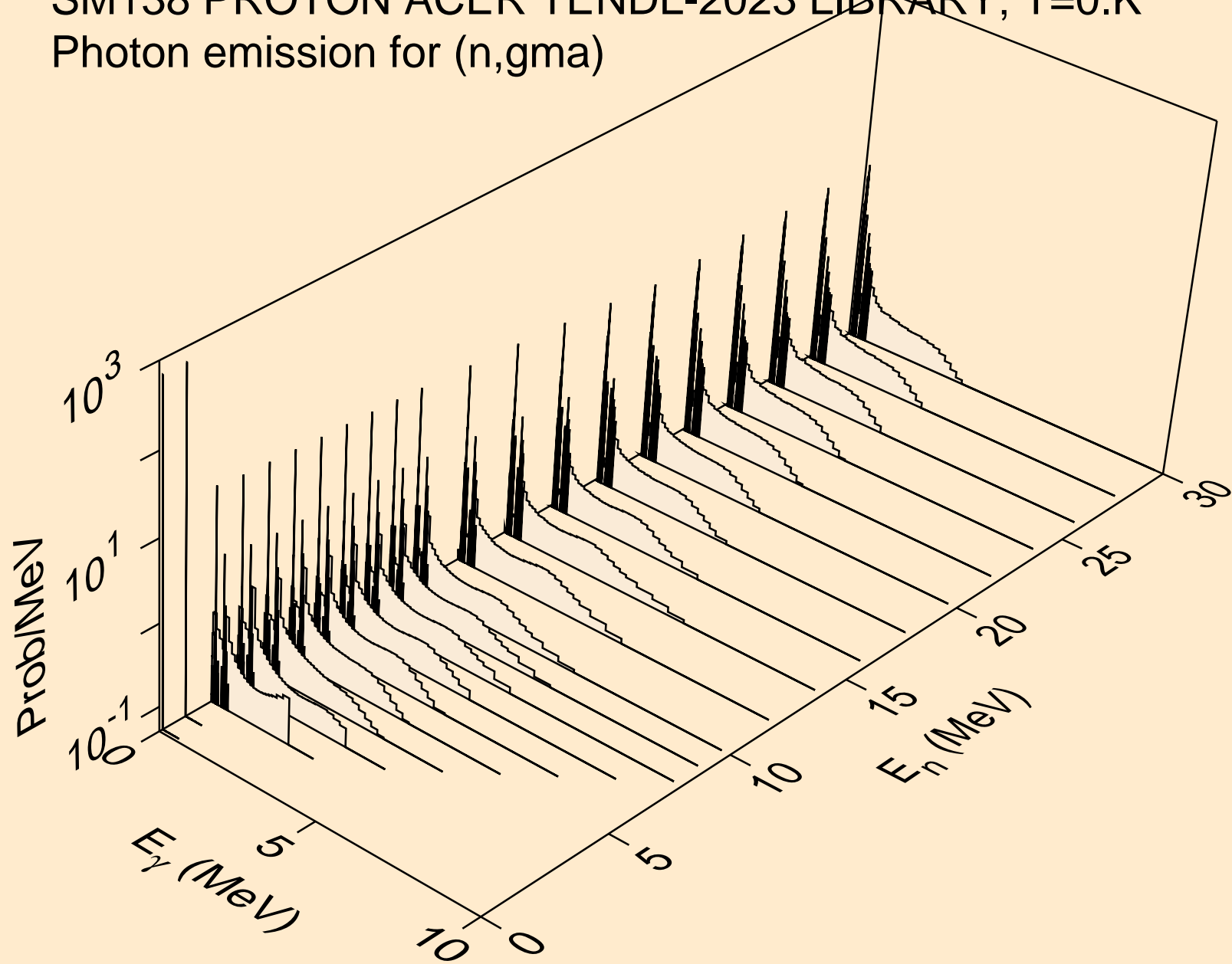


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Photon emission for (n,npa)

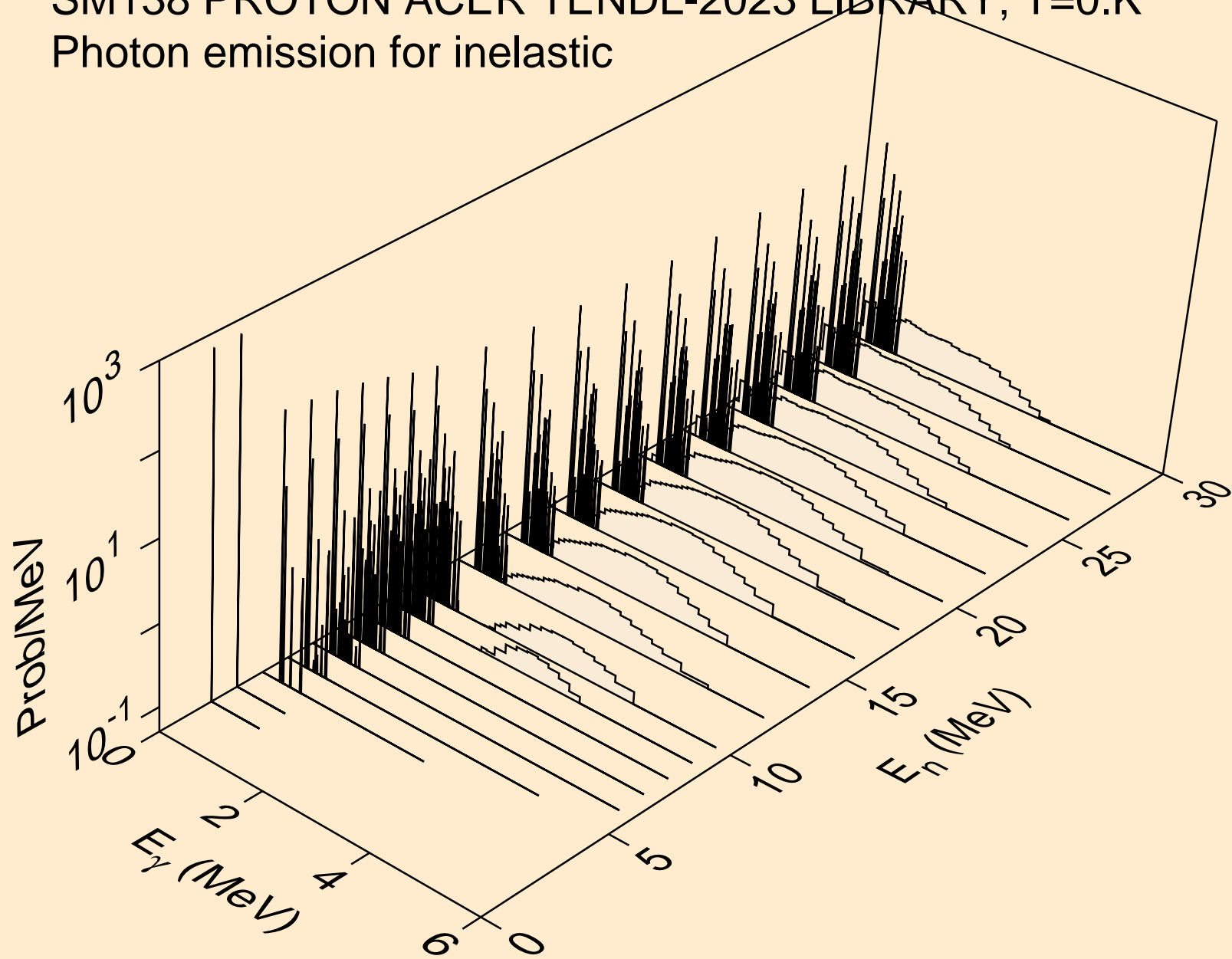




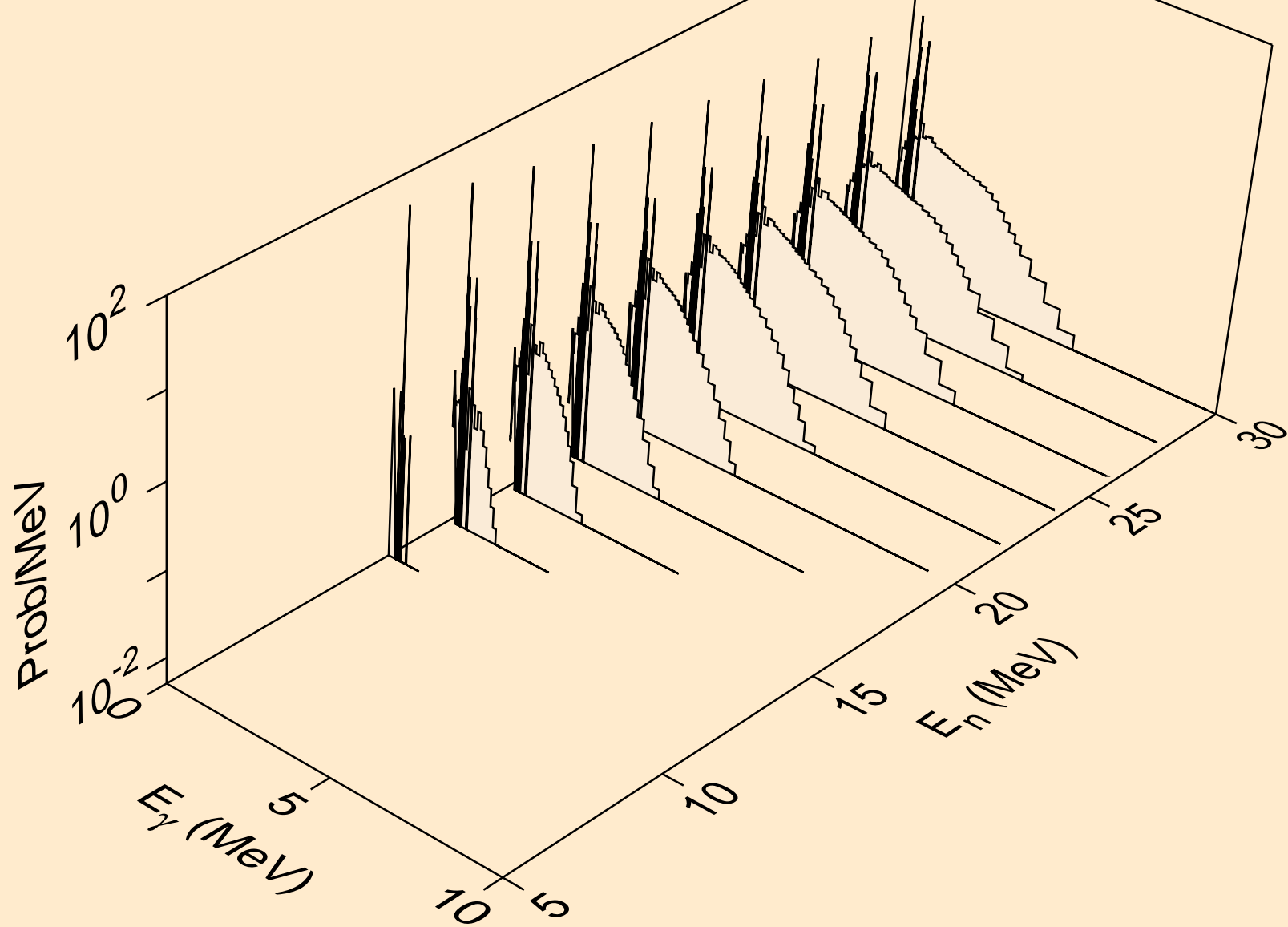
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Photon emission for (n,gma)



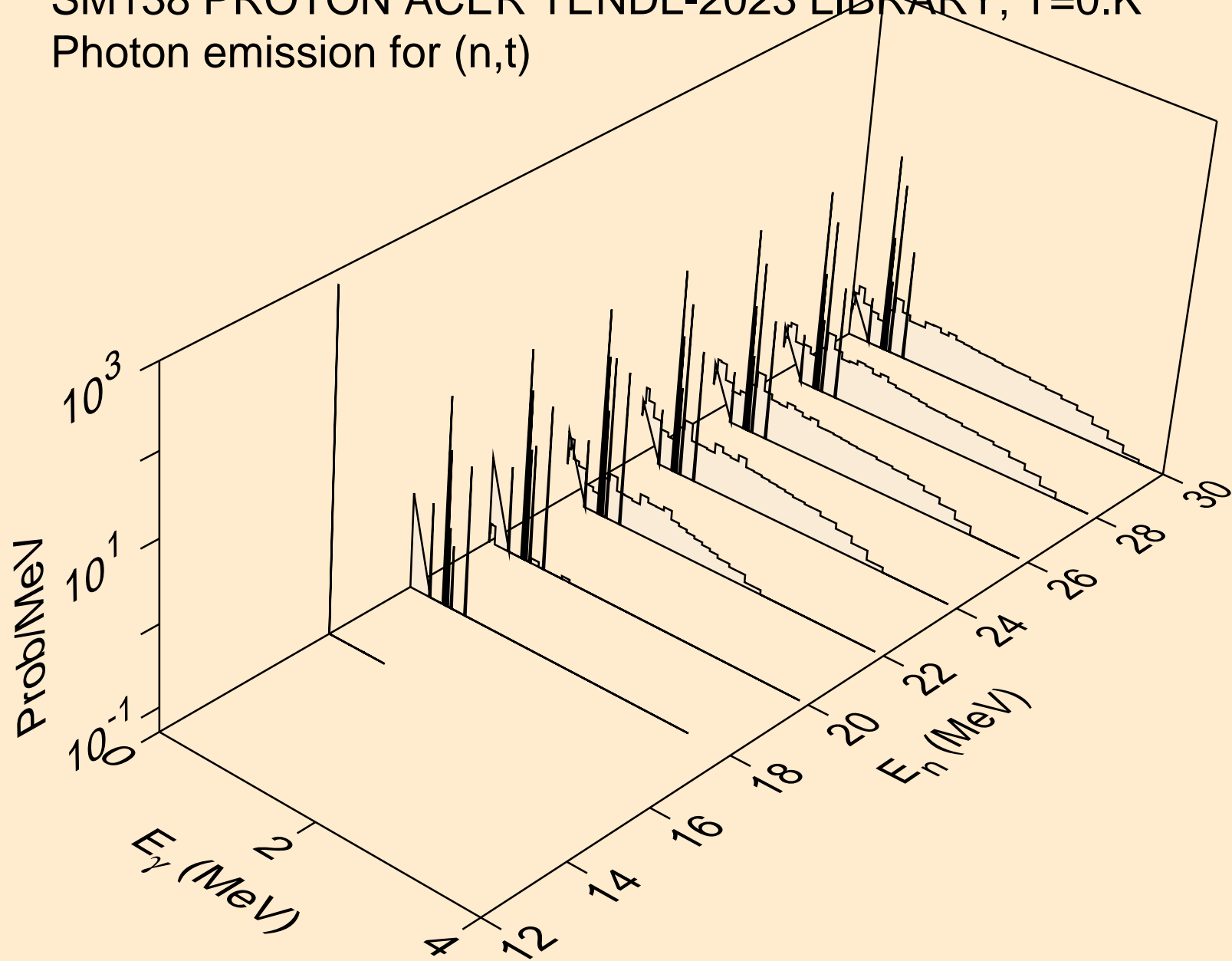
SM138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



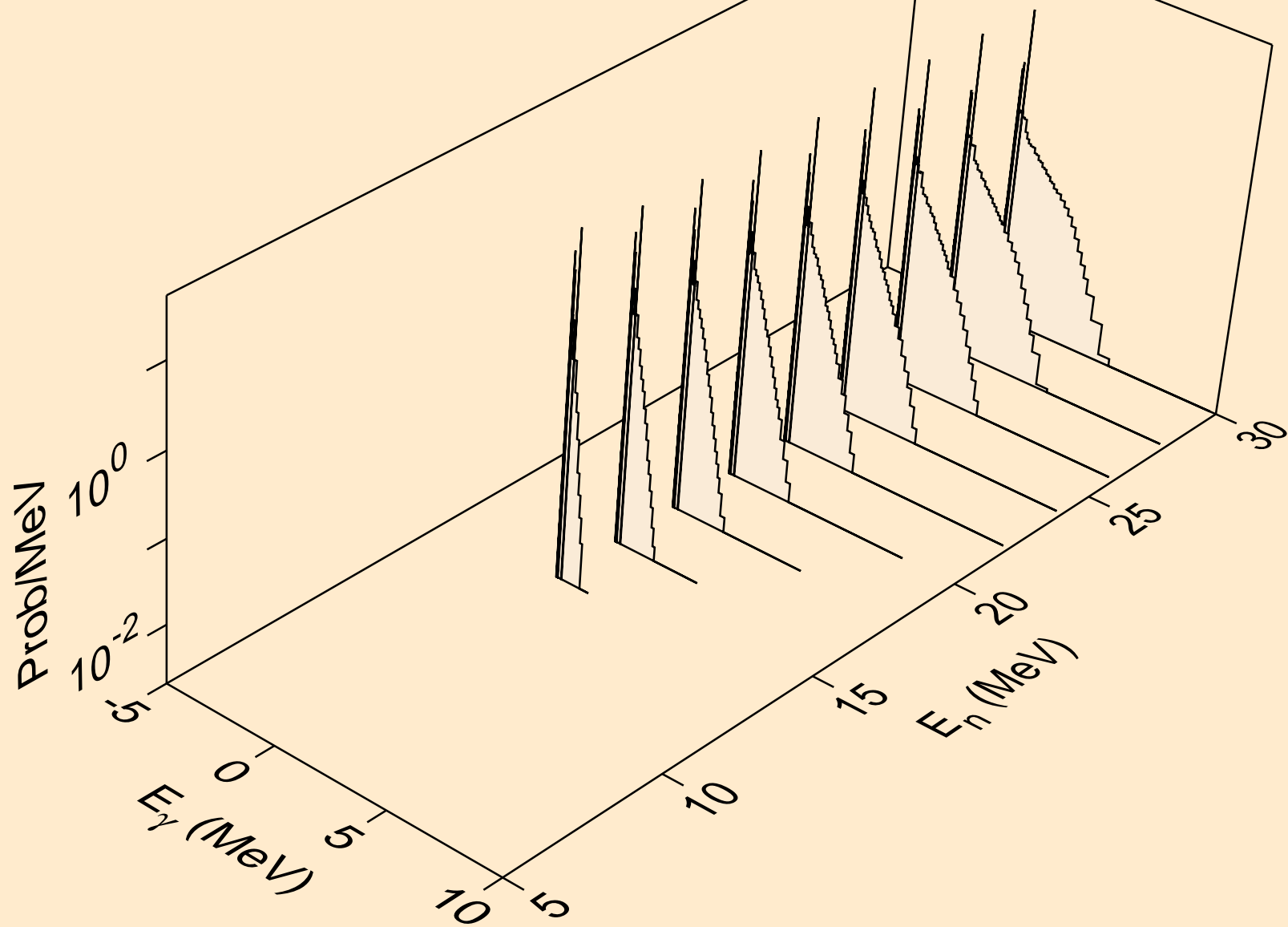
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Photon emission for (n,d)



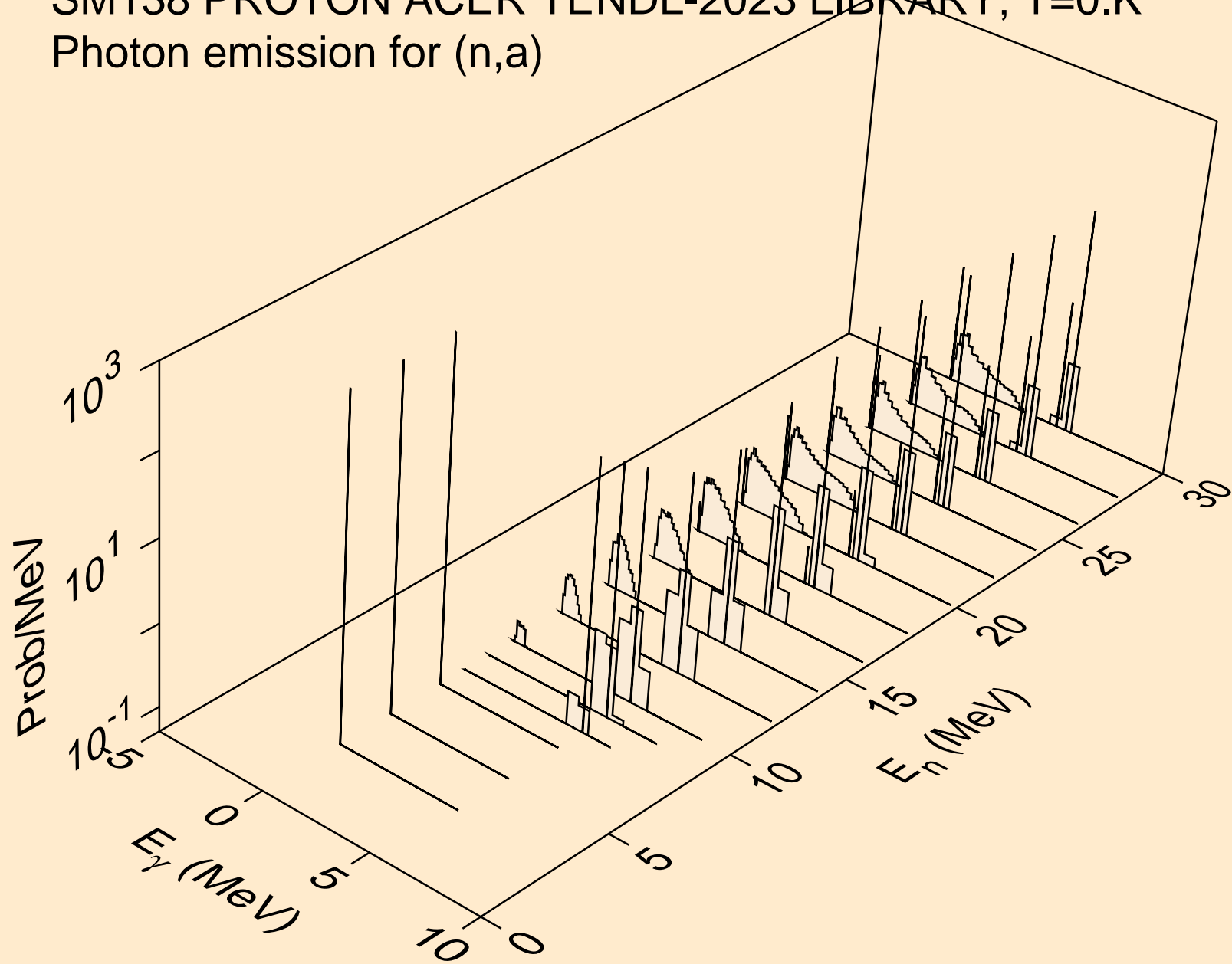
SM138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



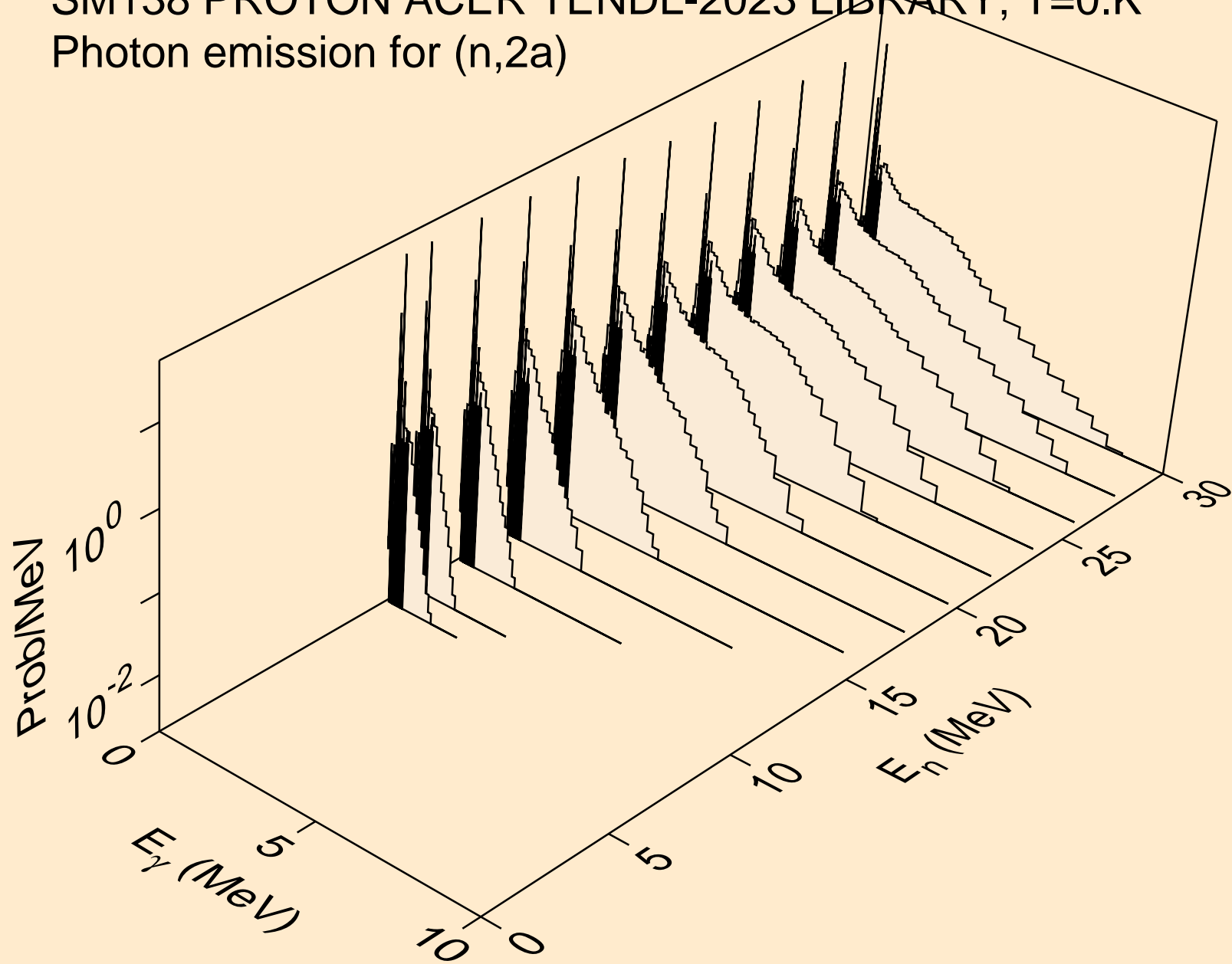
SM138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



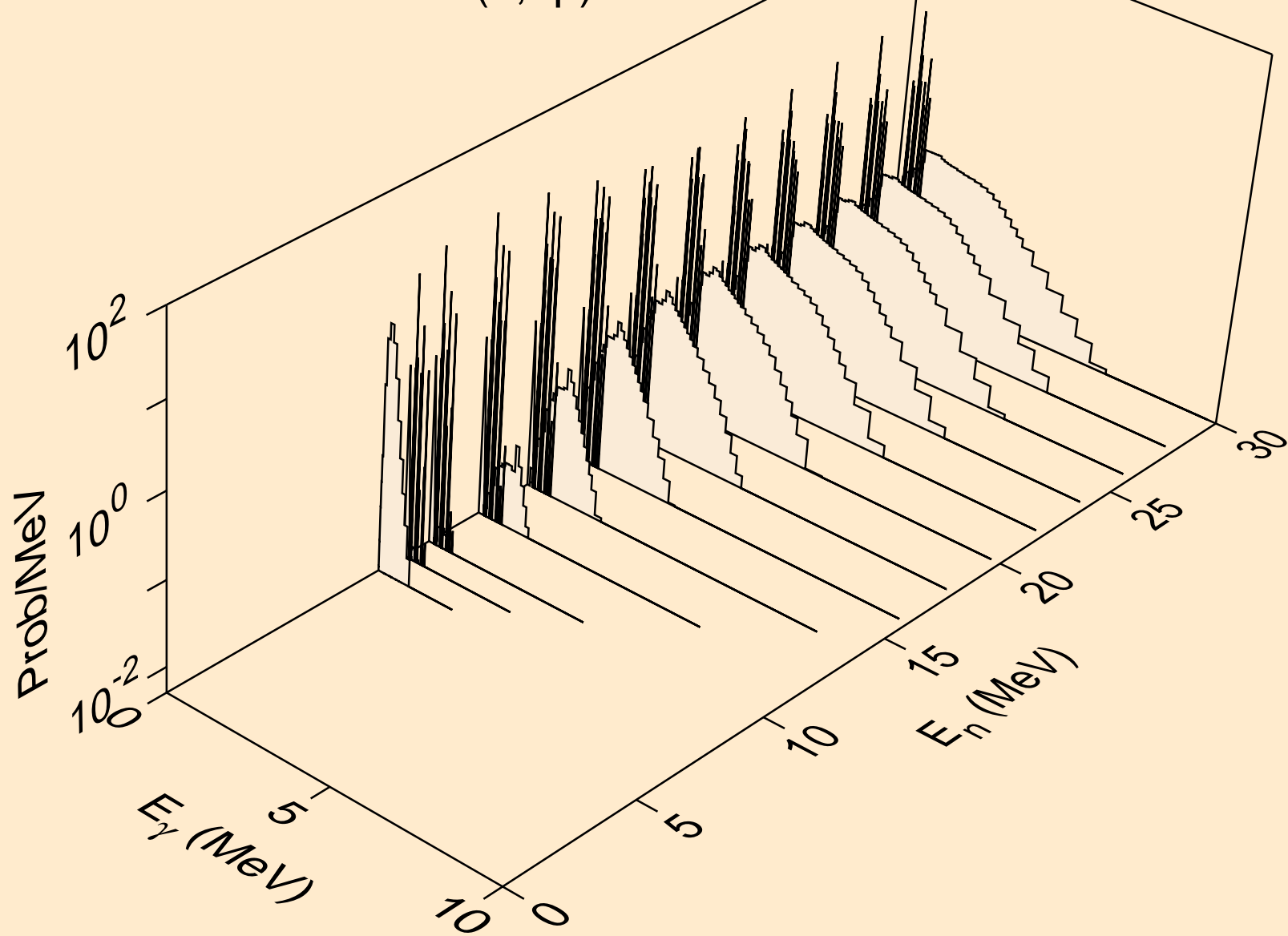
SM138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



SM138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)

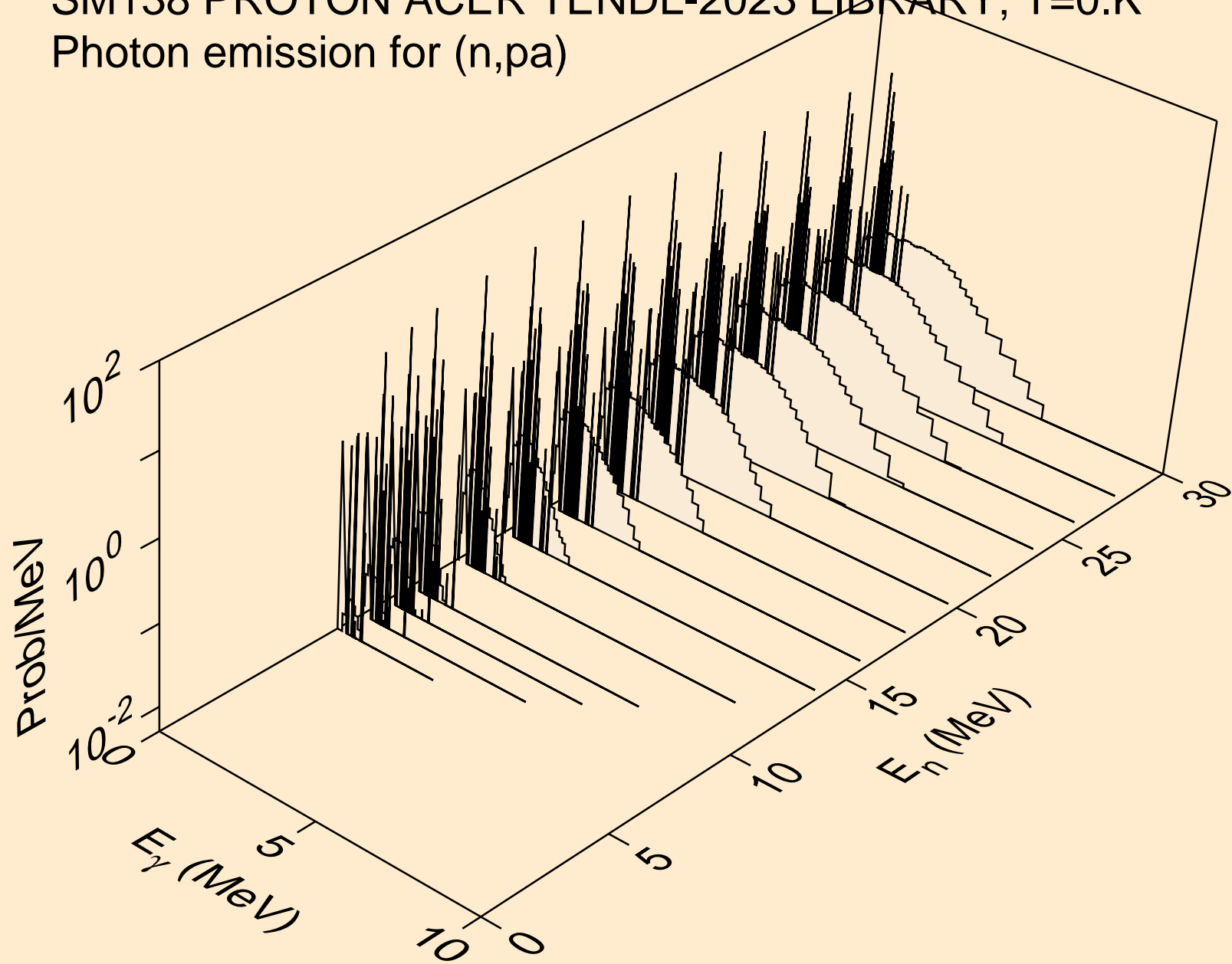


SM138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)

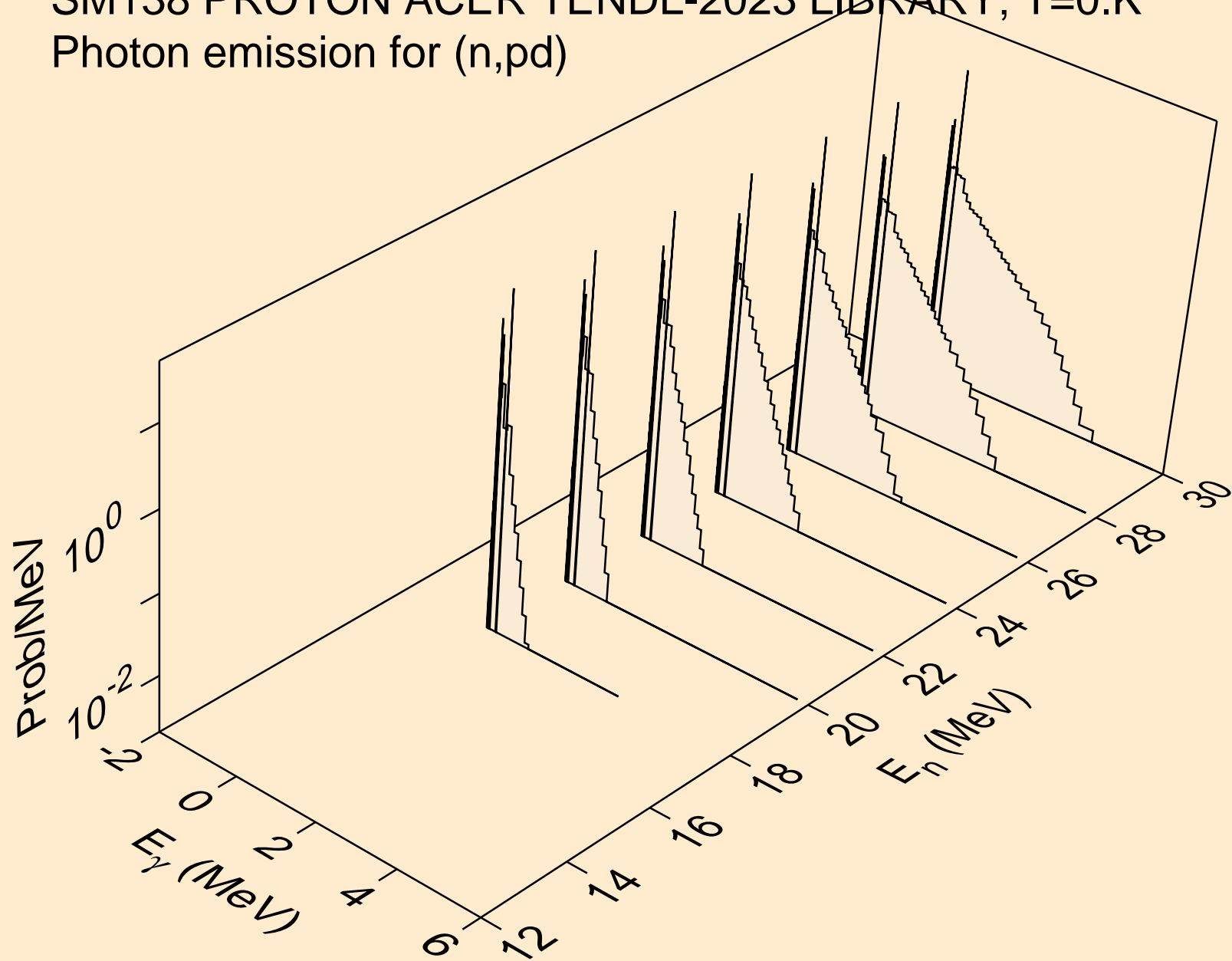




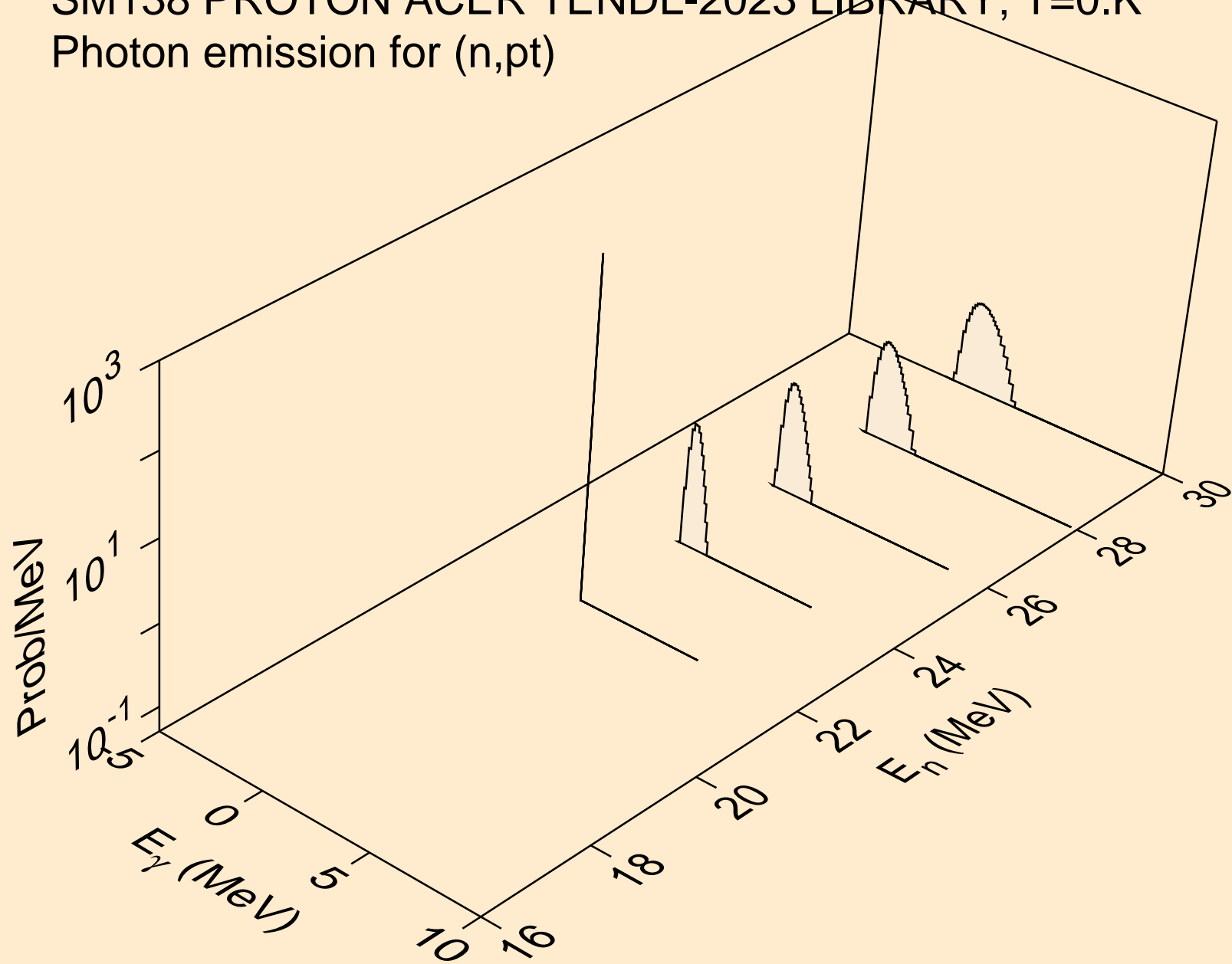
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Photon emission for (n,p)



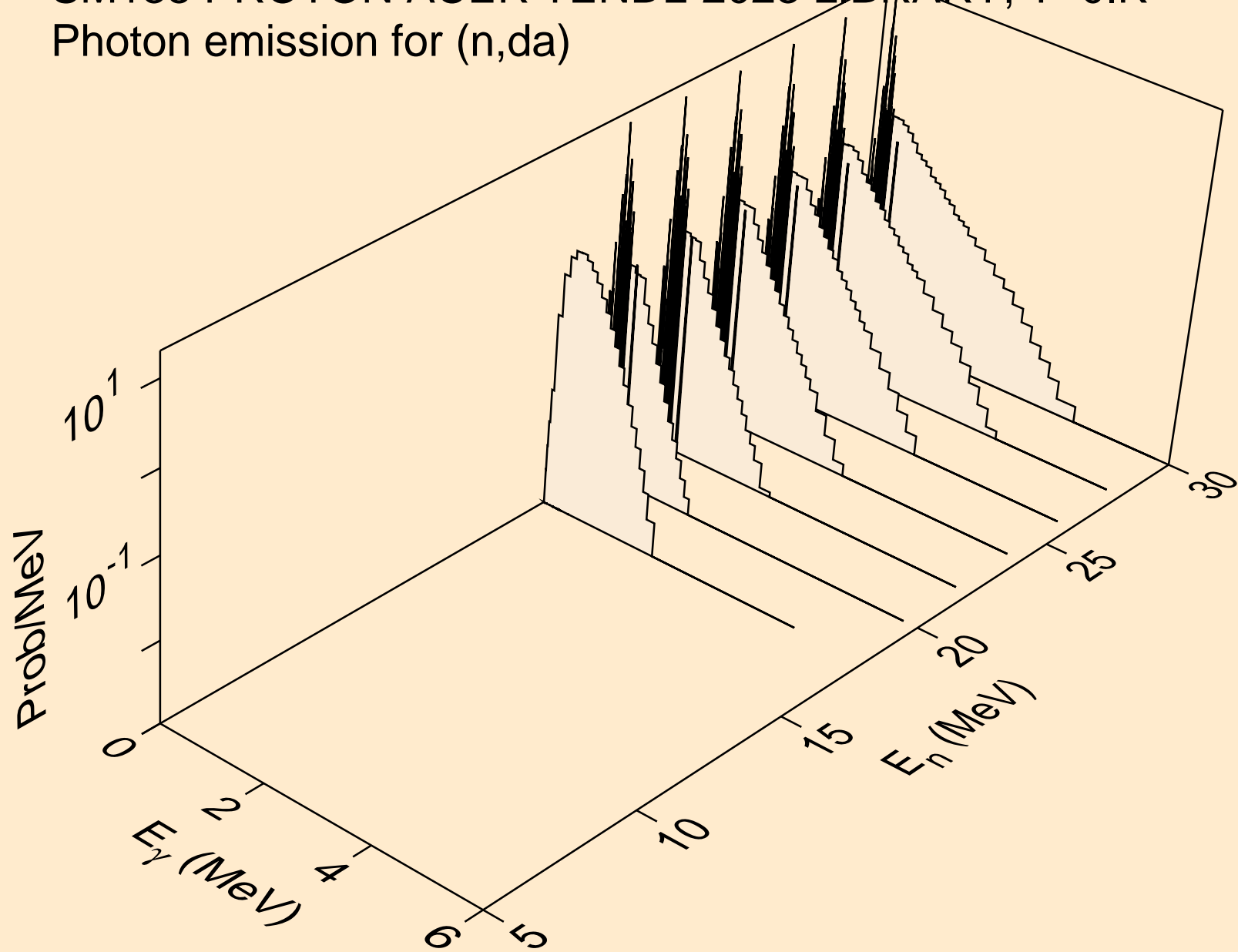
SM138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



SM138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)

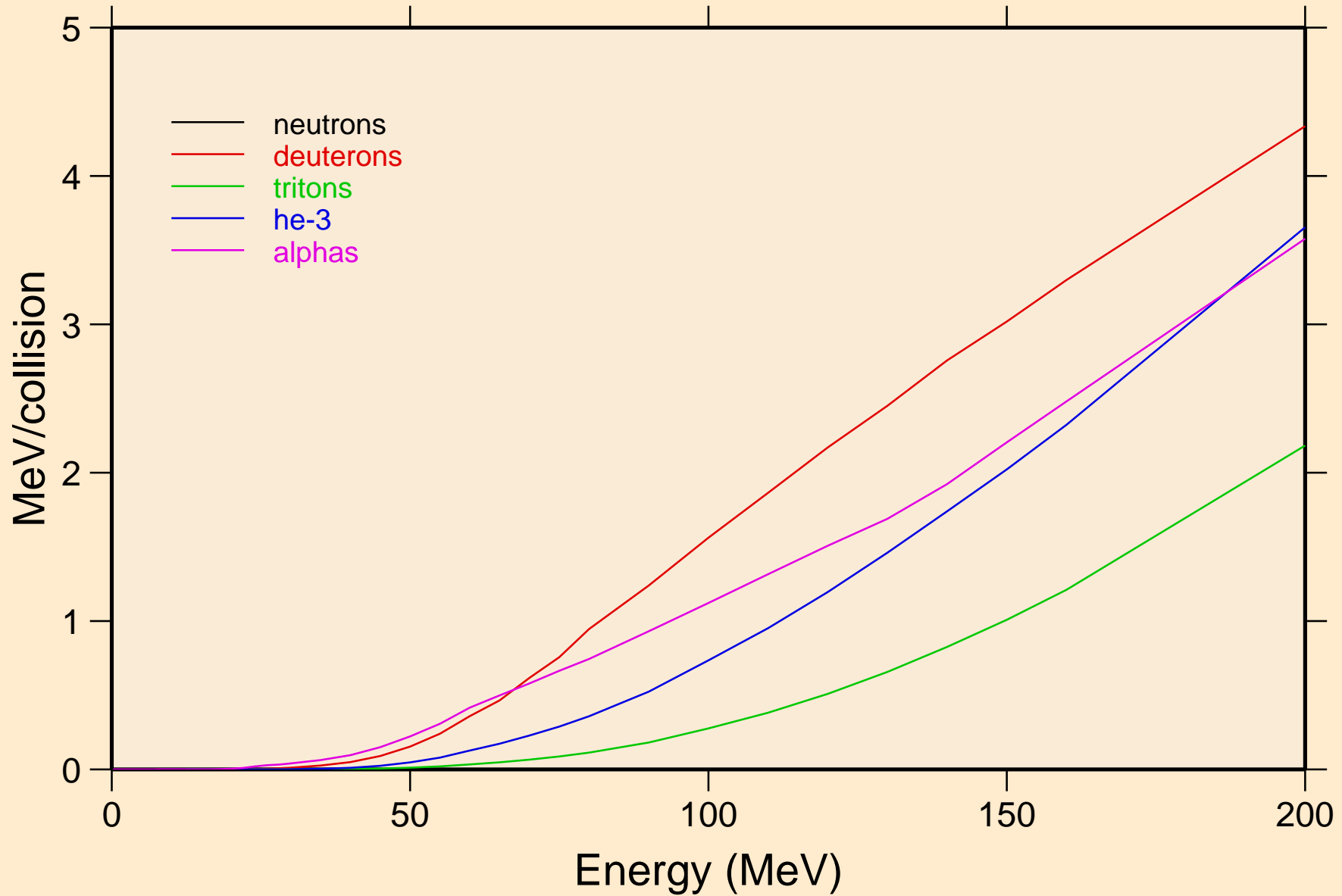


SM138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)

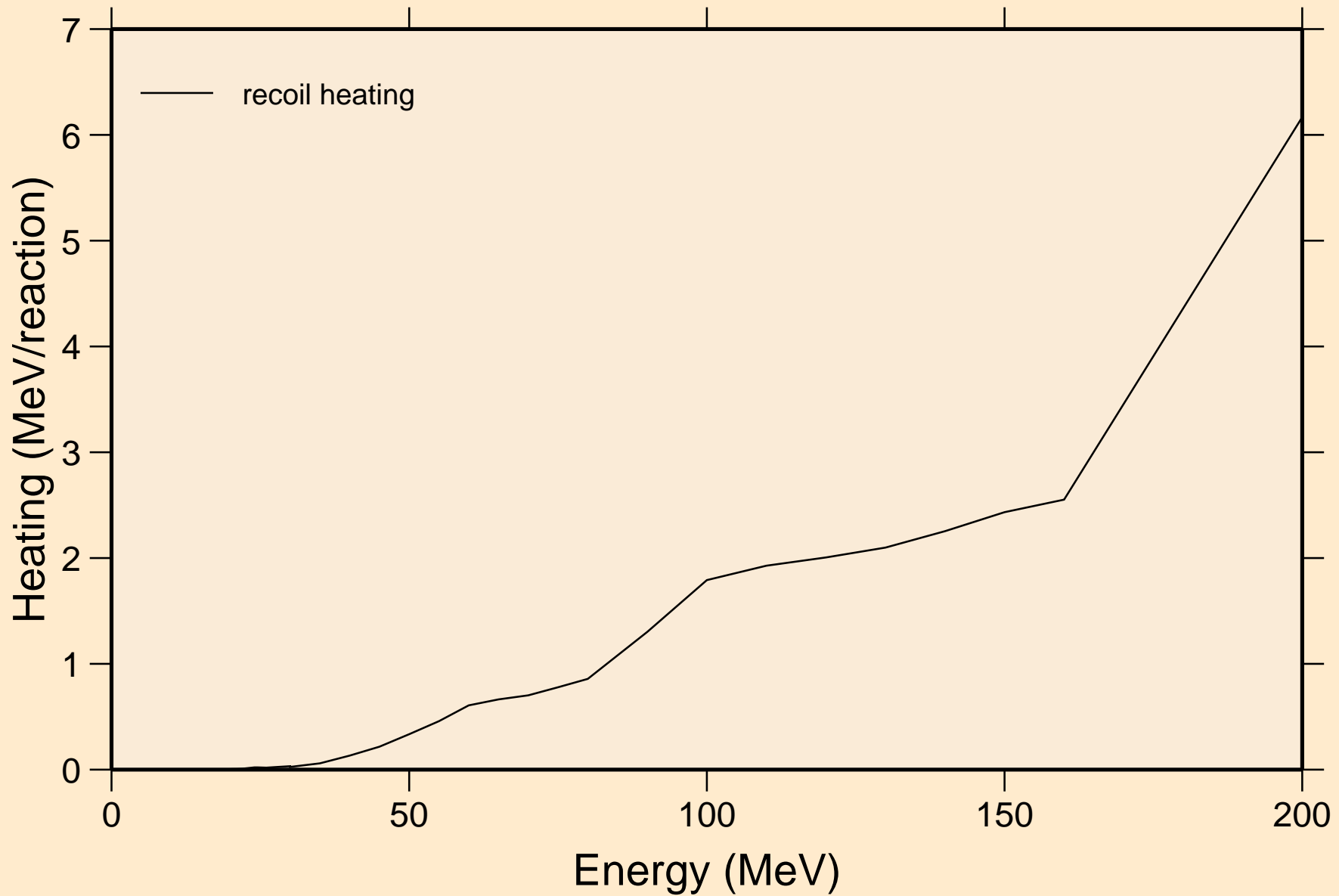


# SM138 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions

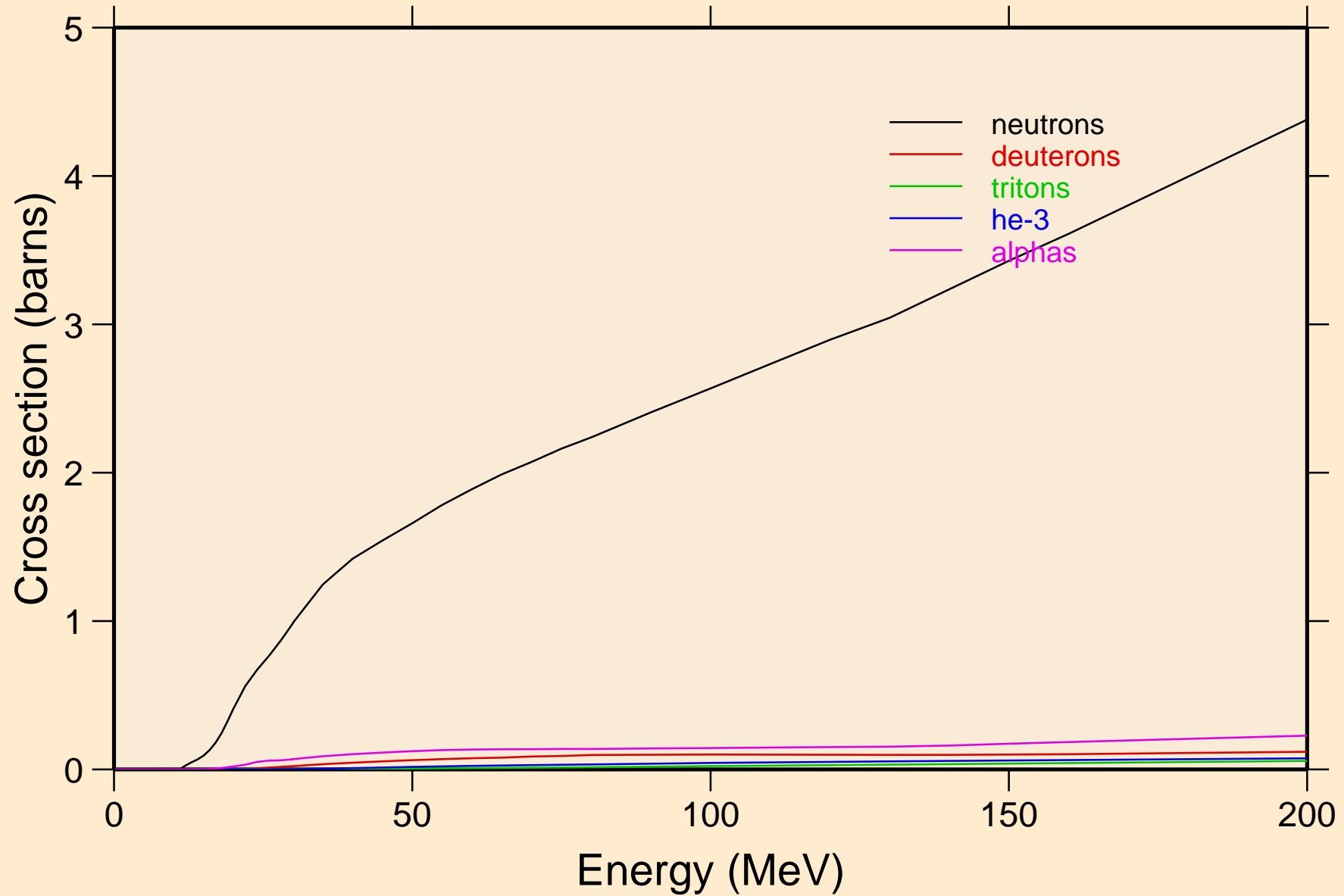


SM138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

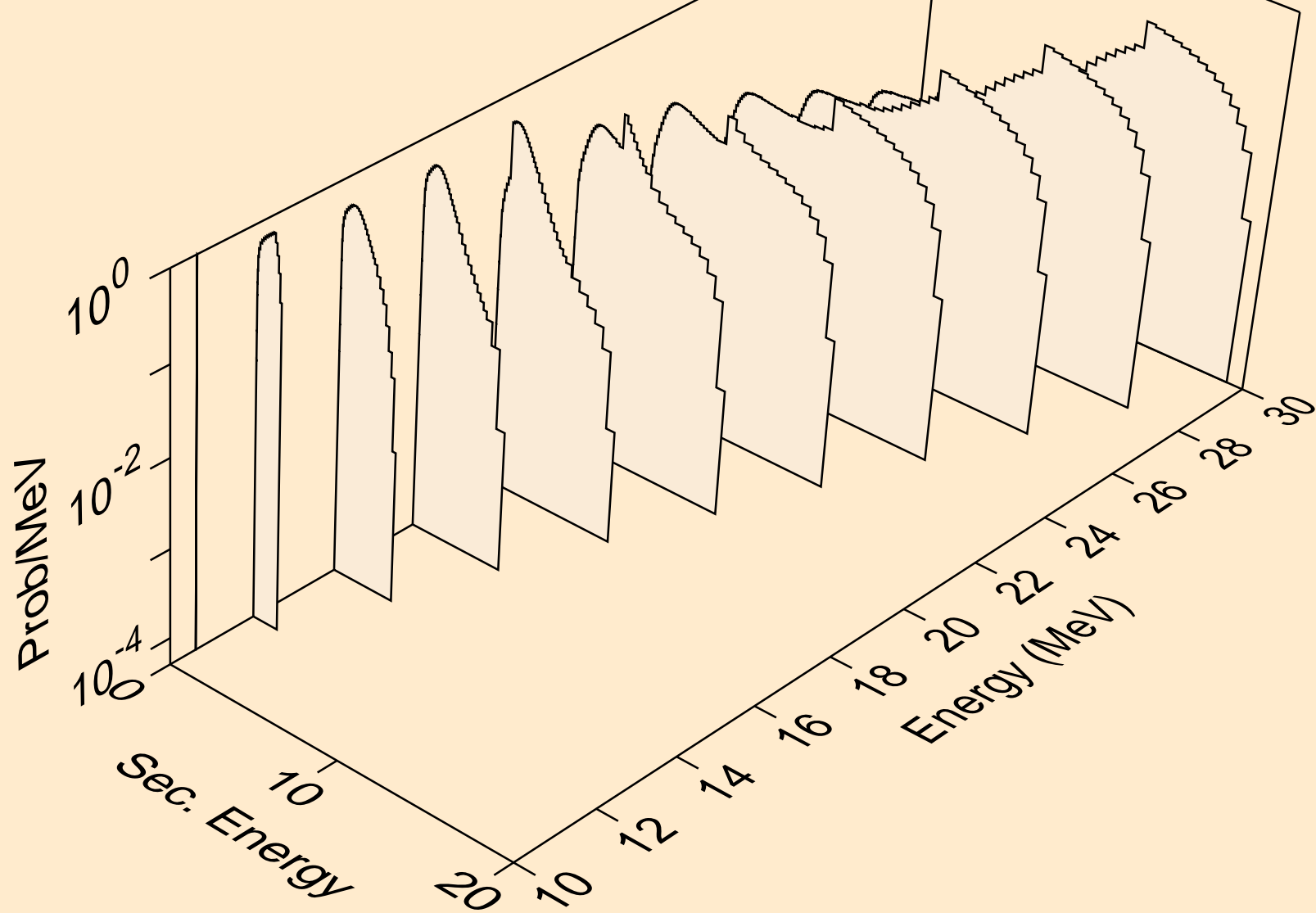


# SM138 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Particle production cross sections

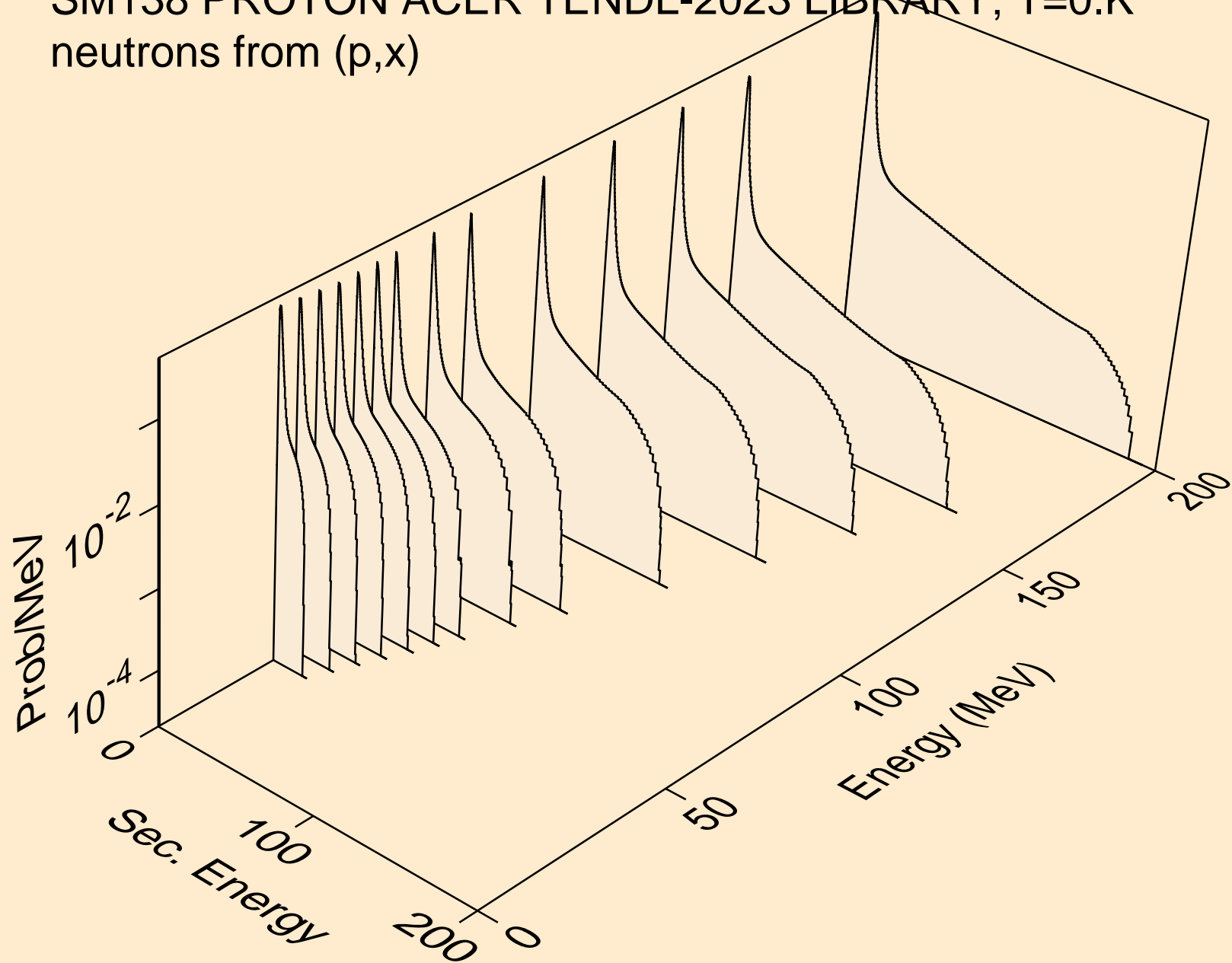


SM138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)

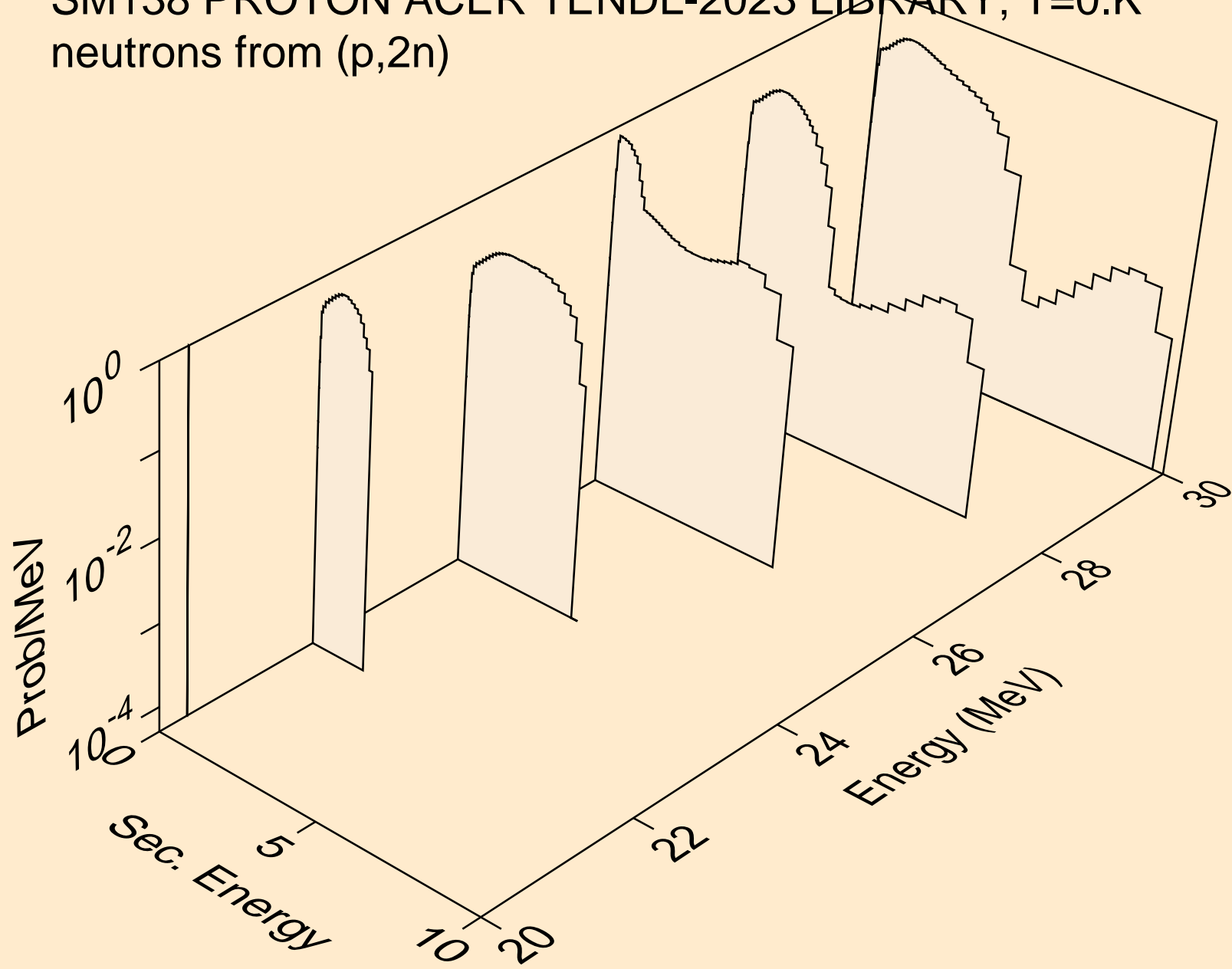




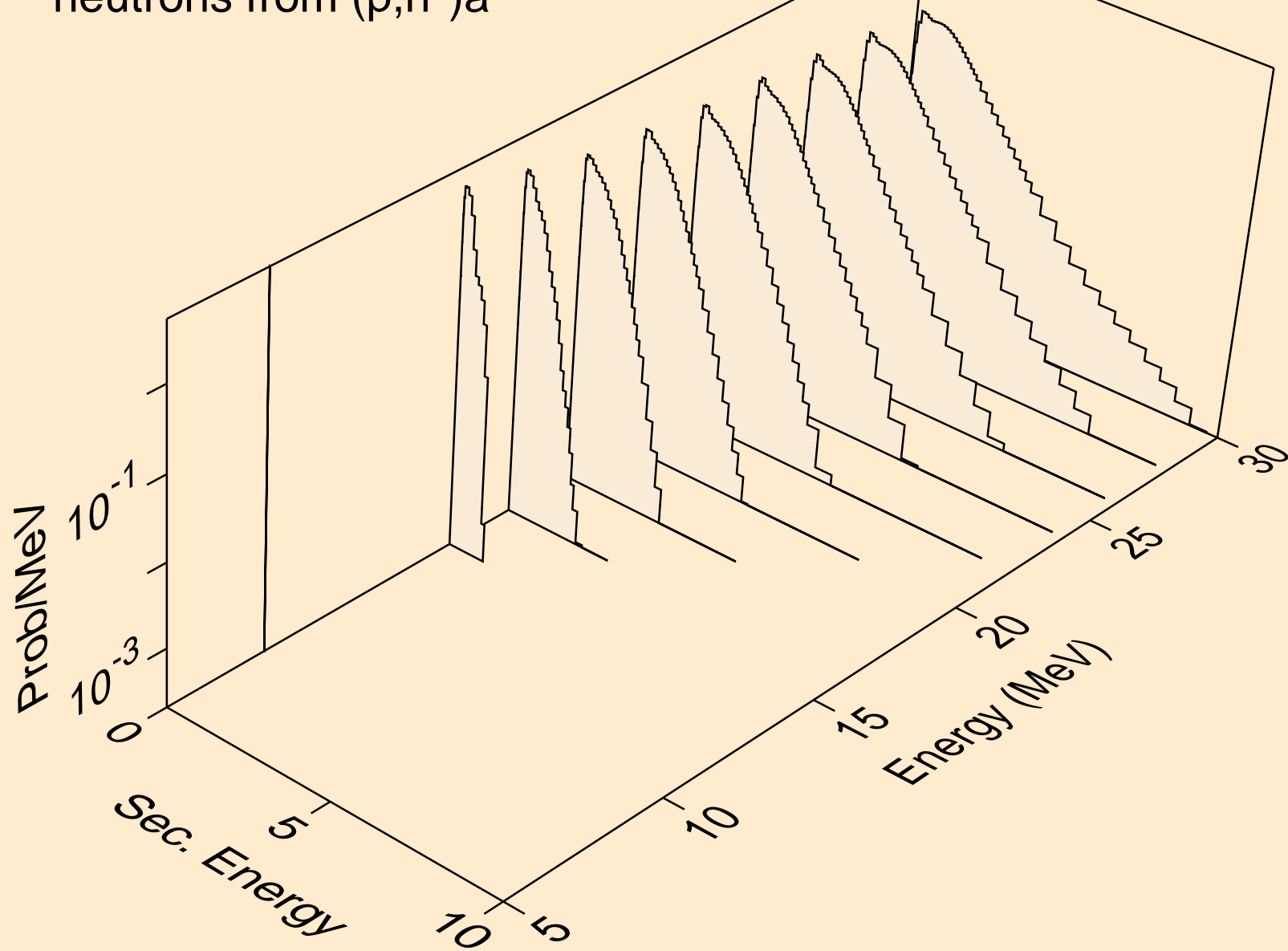
SM138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)



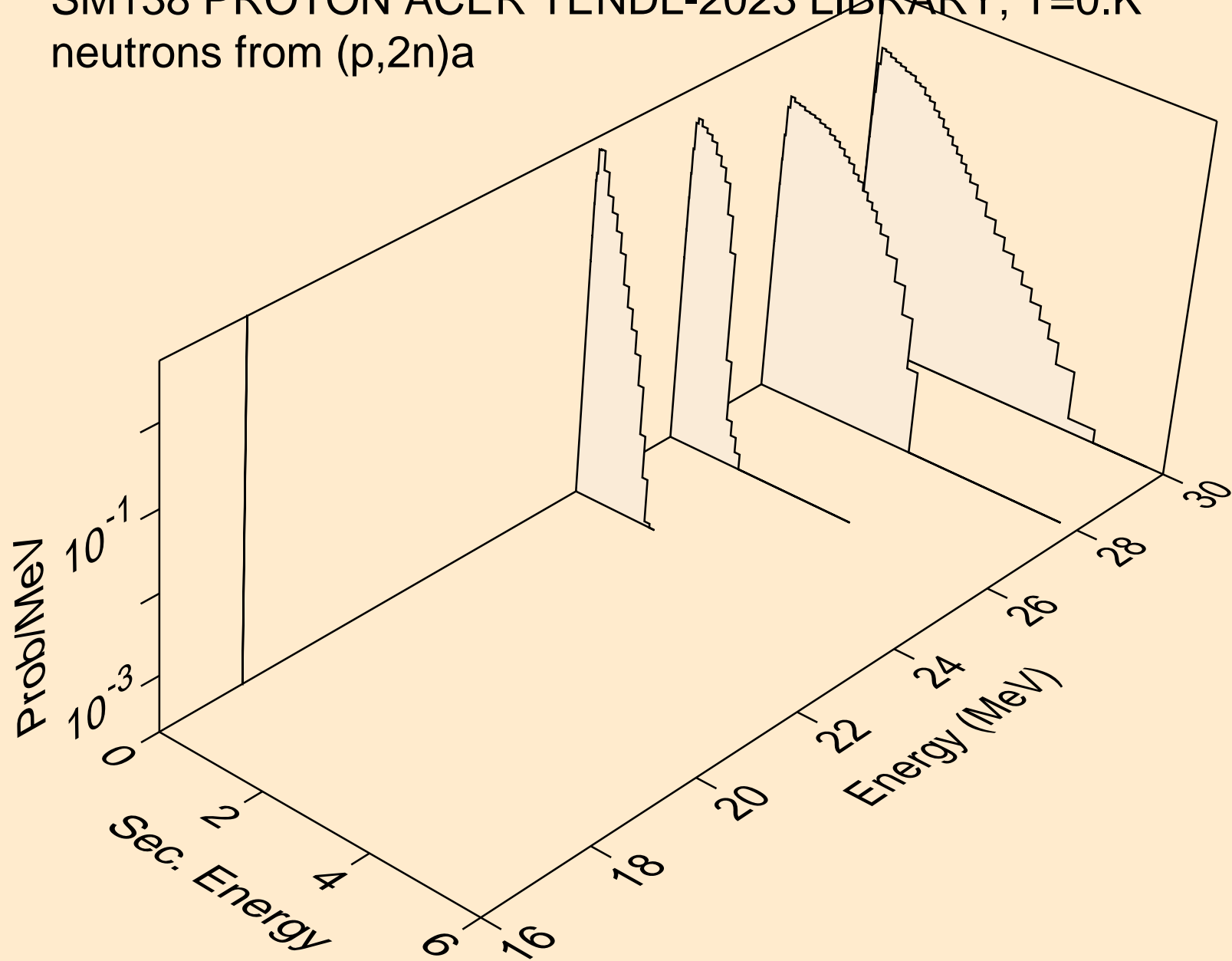
SM138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)



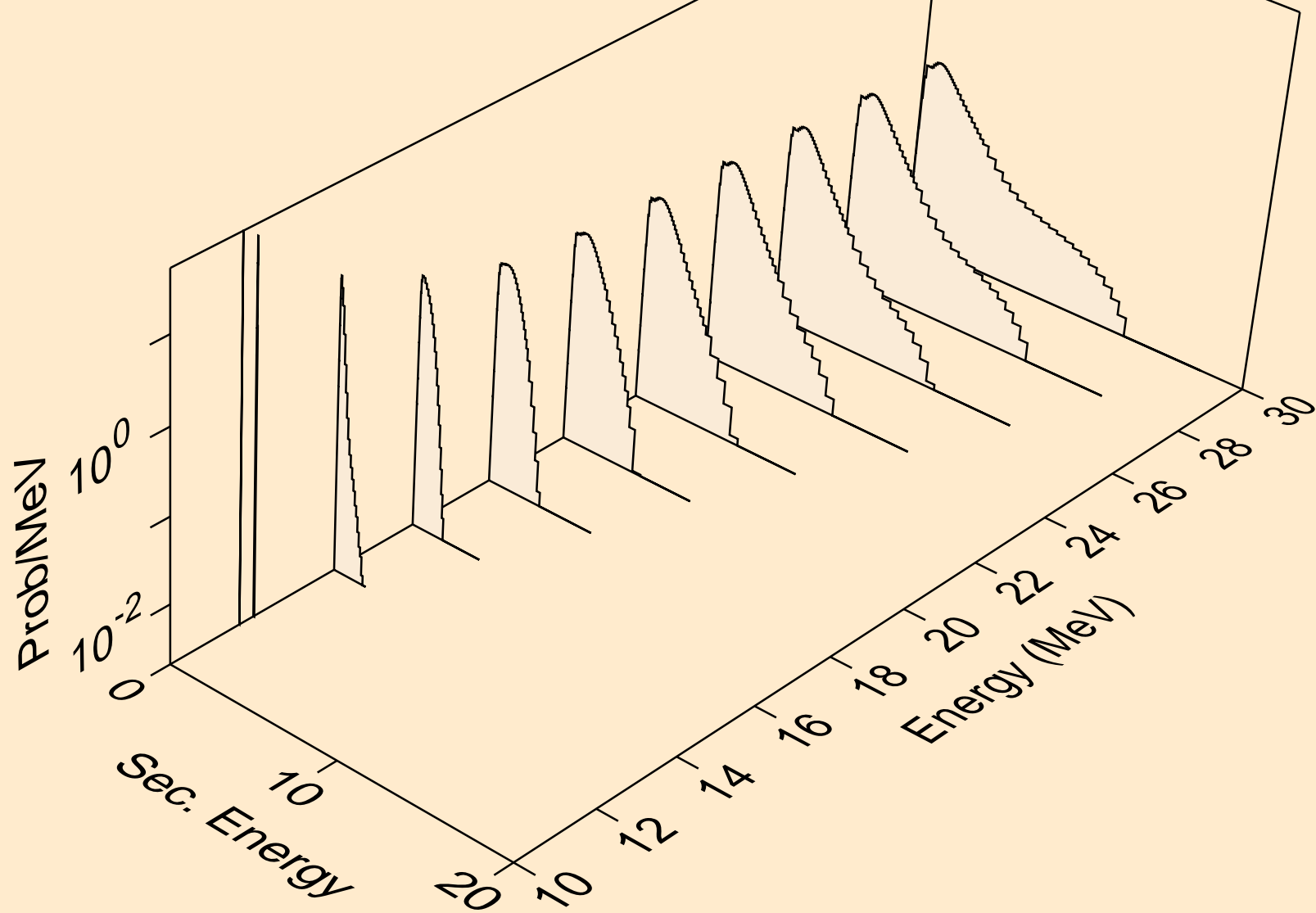
SM138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a



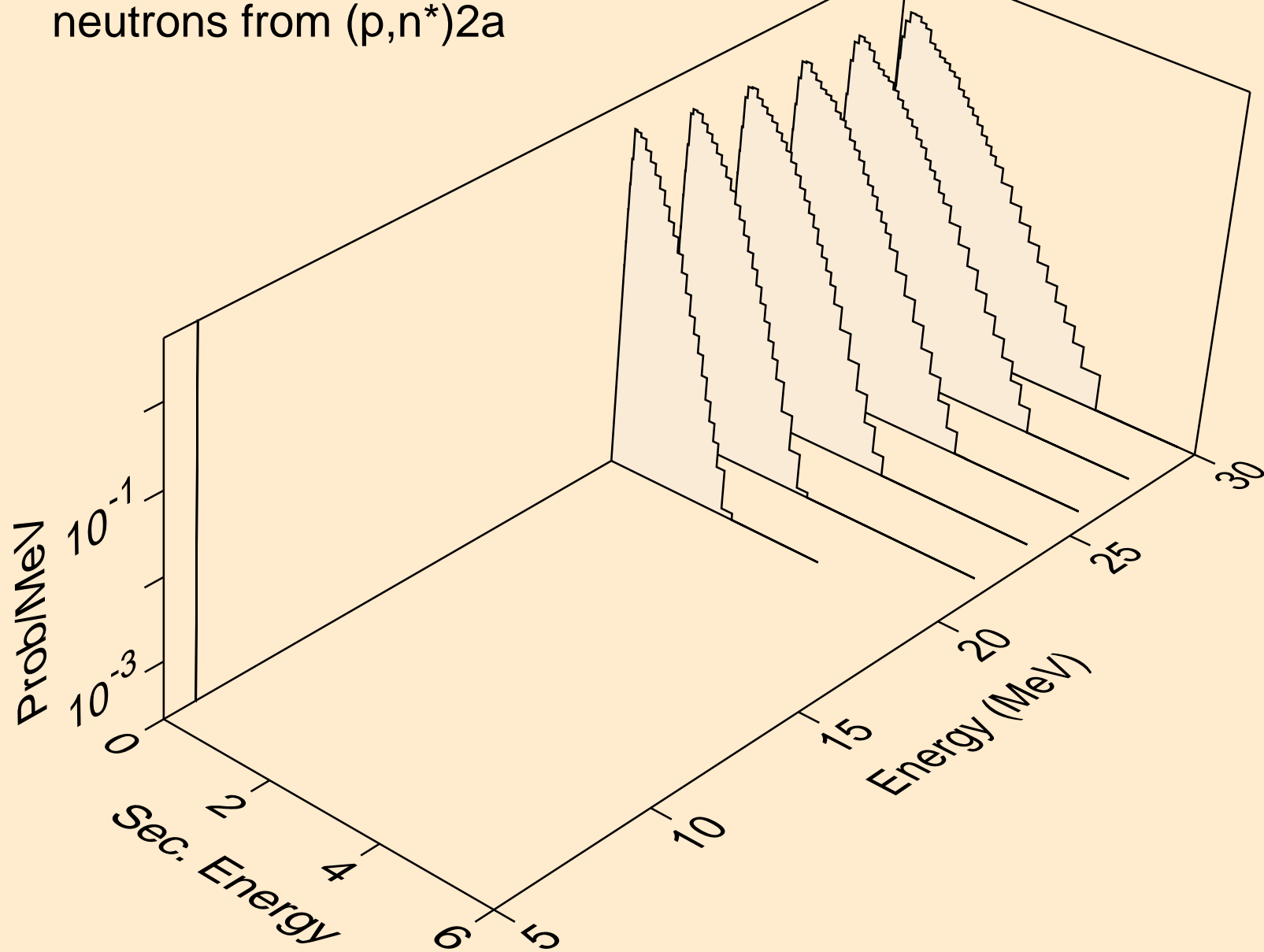
SM138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)a



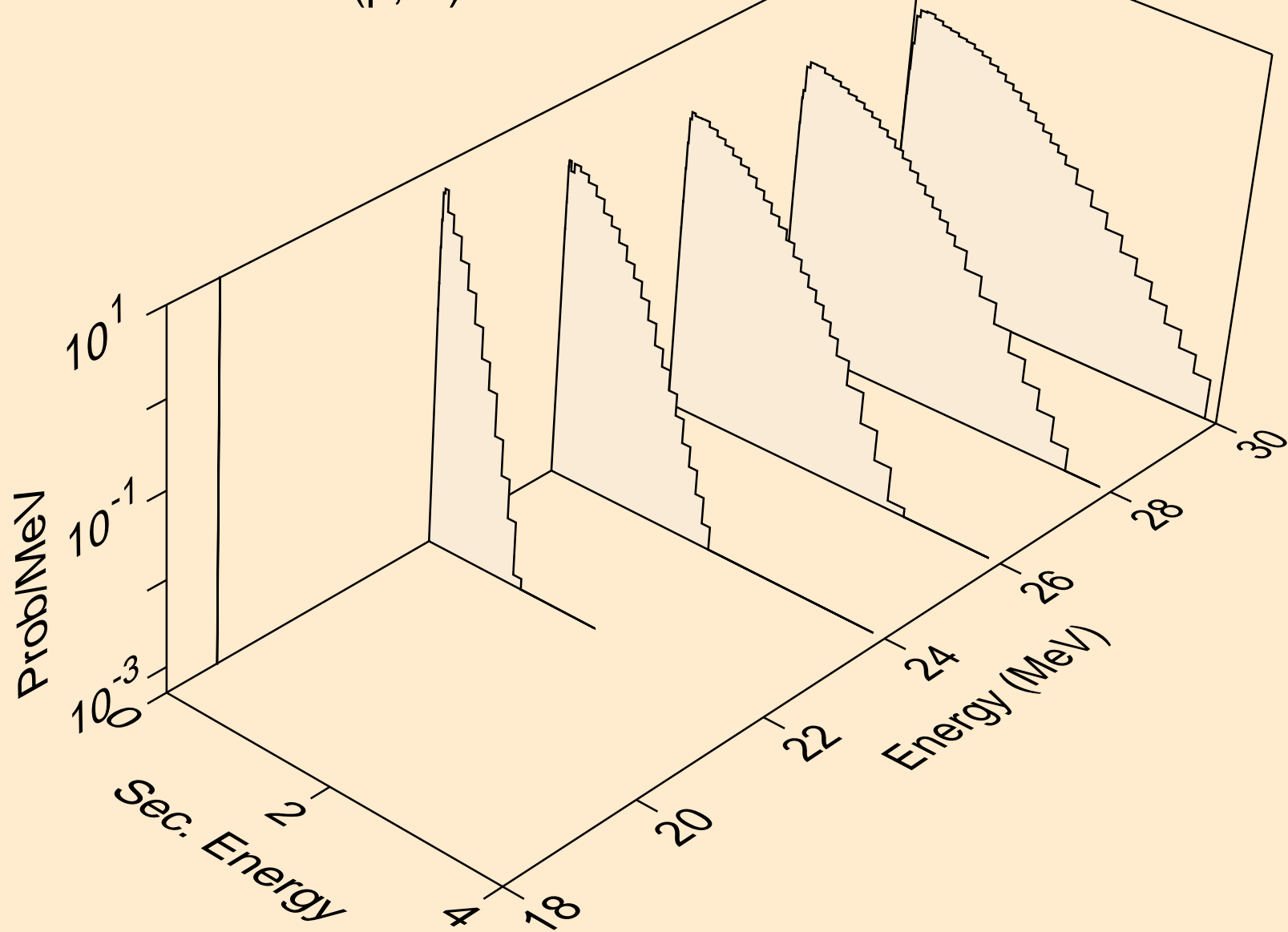
SM138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)p



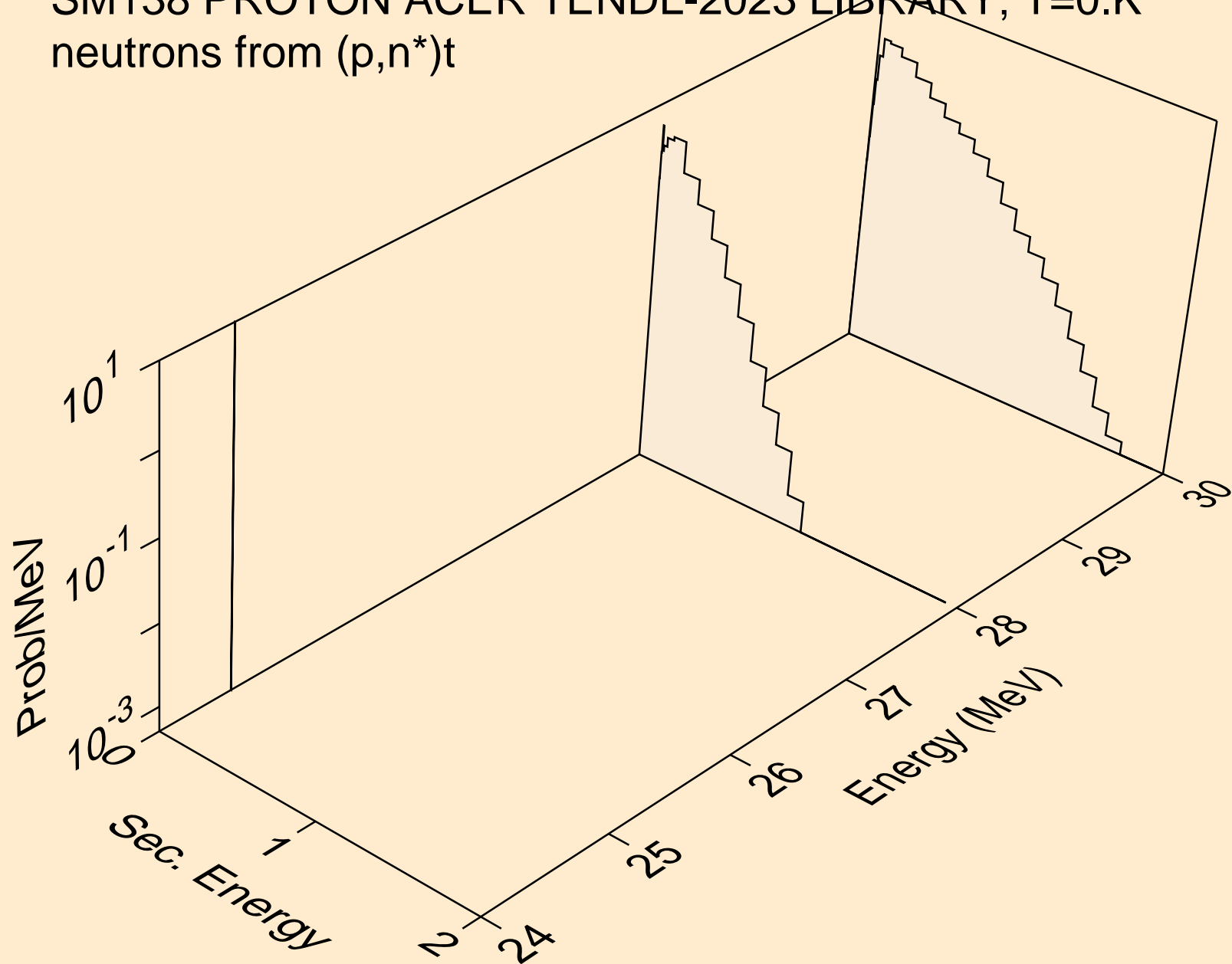
SM138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)2a



SM138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)d

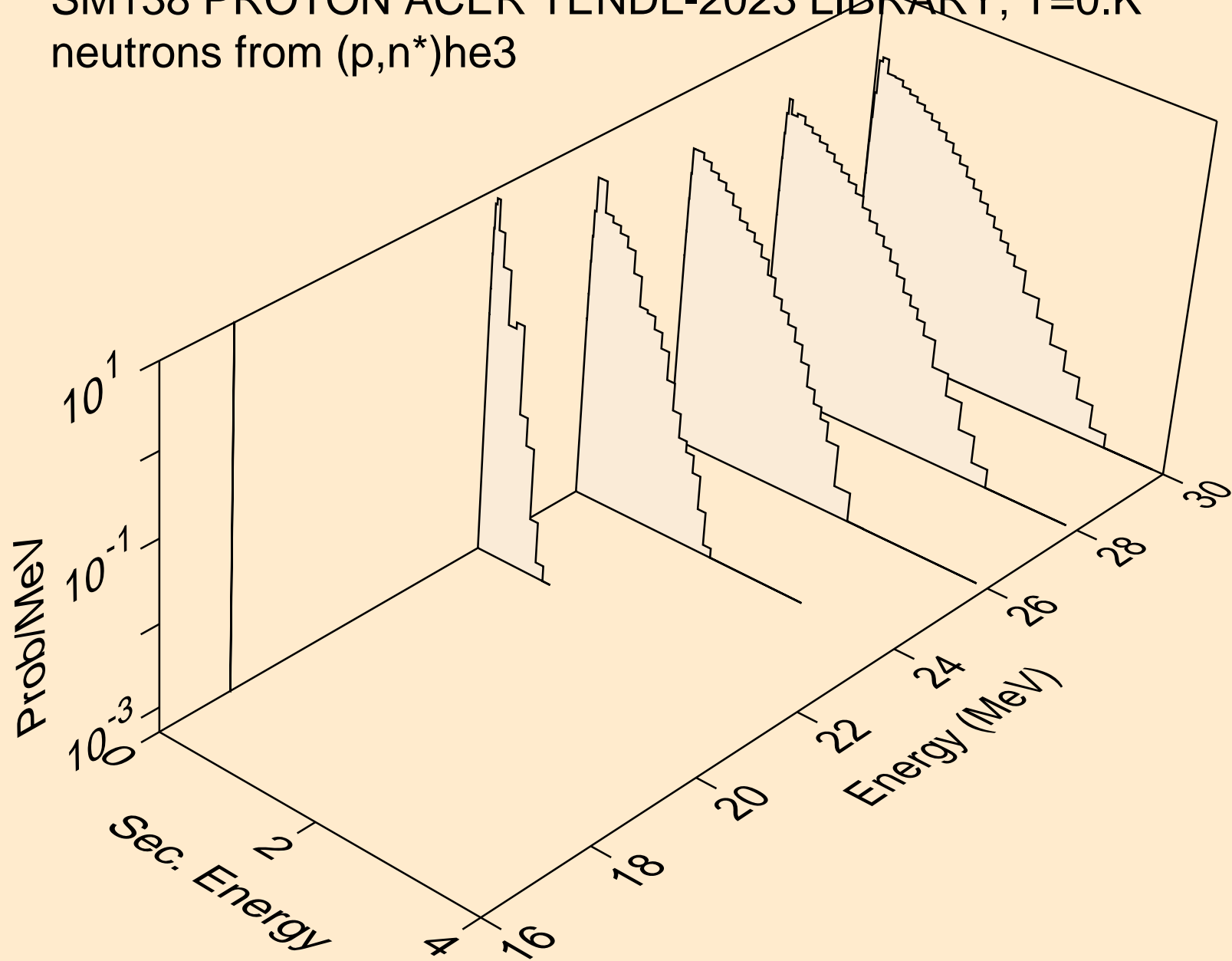


SM138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)t

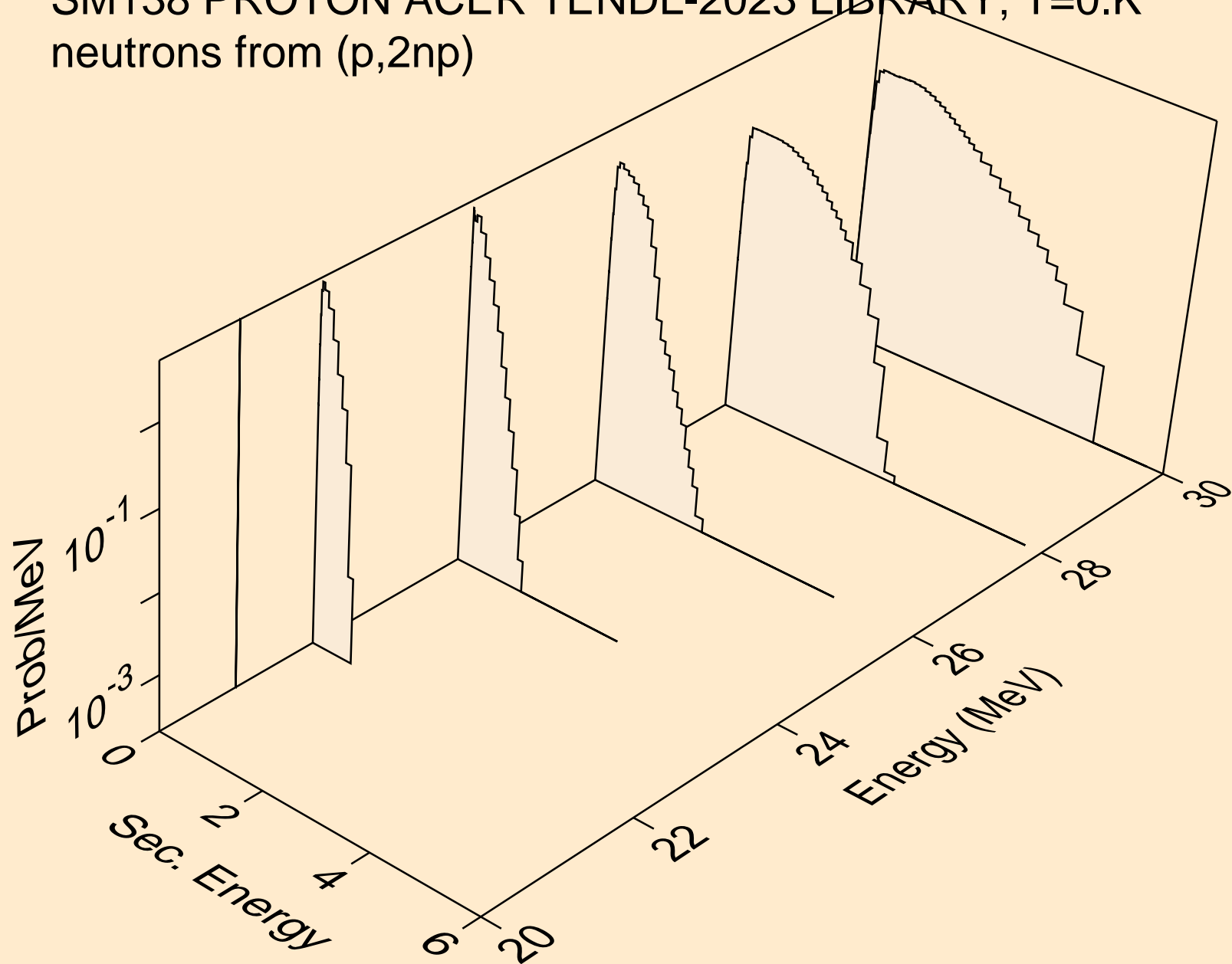




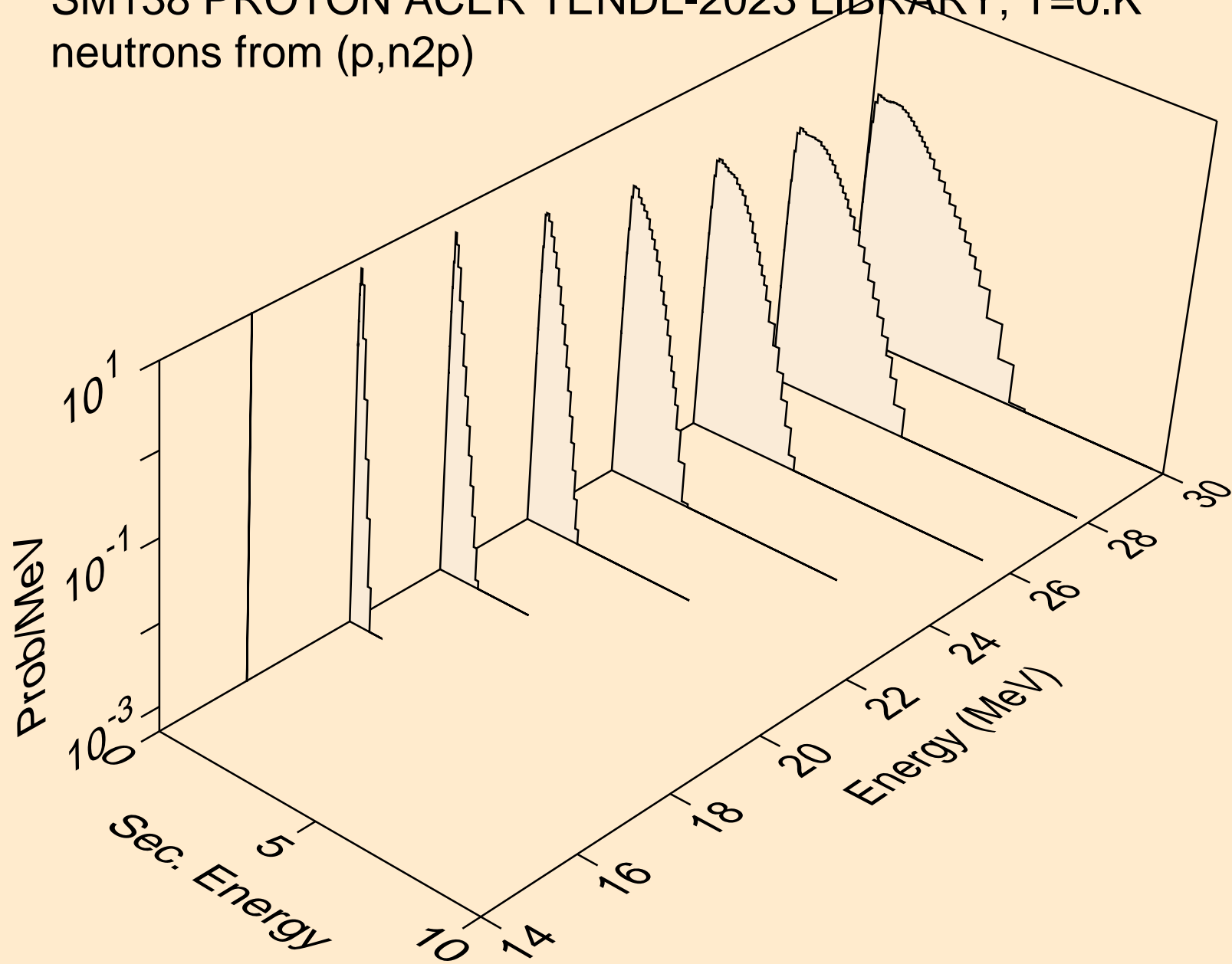
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neutrons from (p,n\*)he3



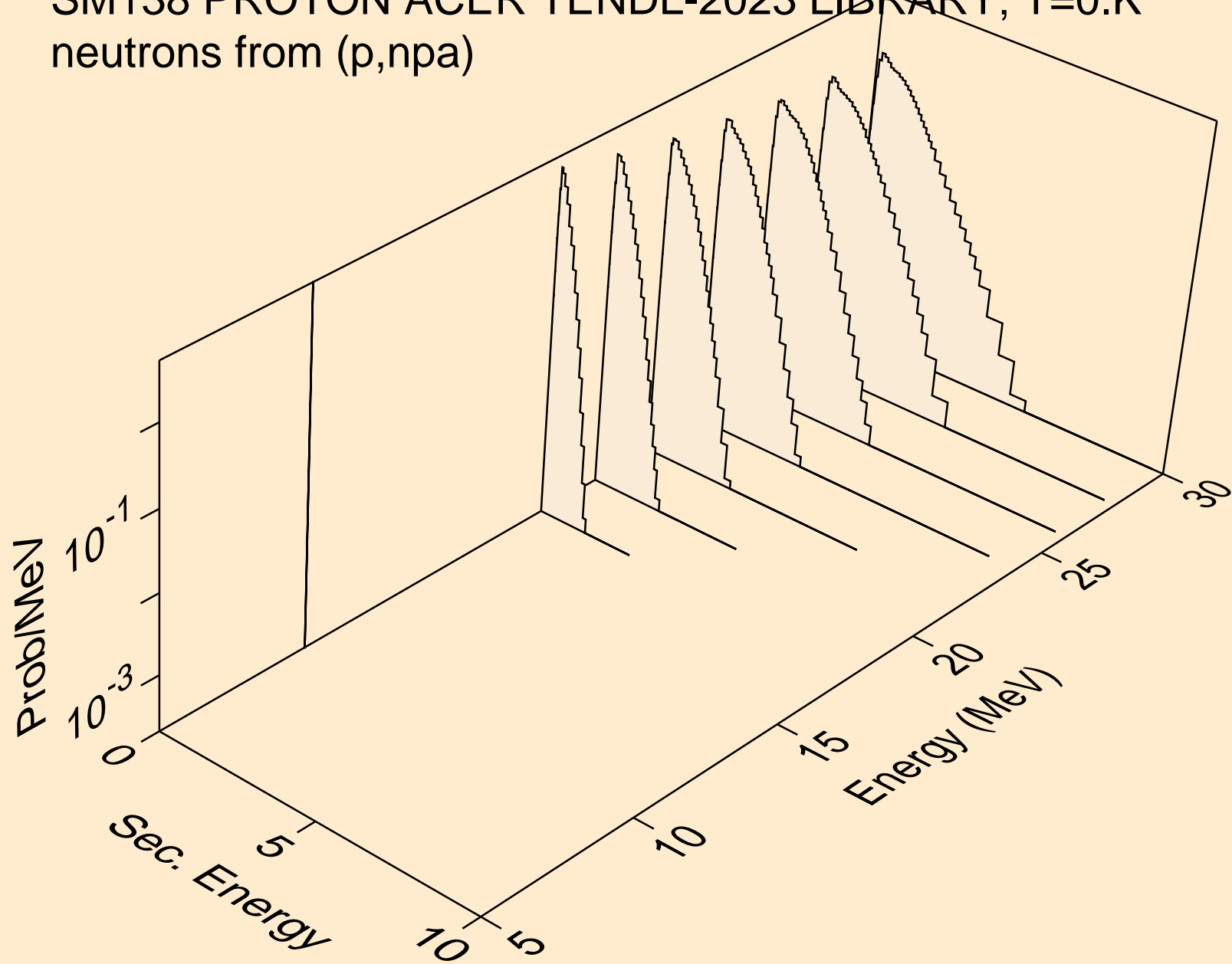
SM138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2np)



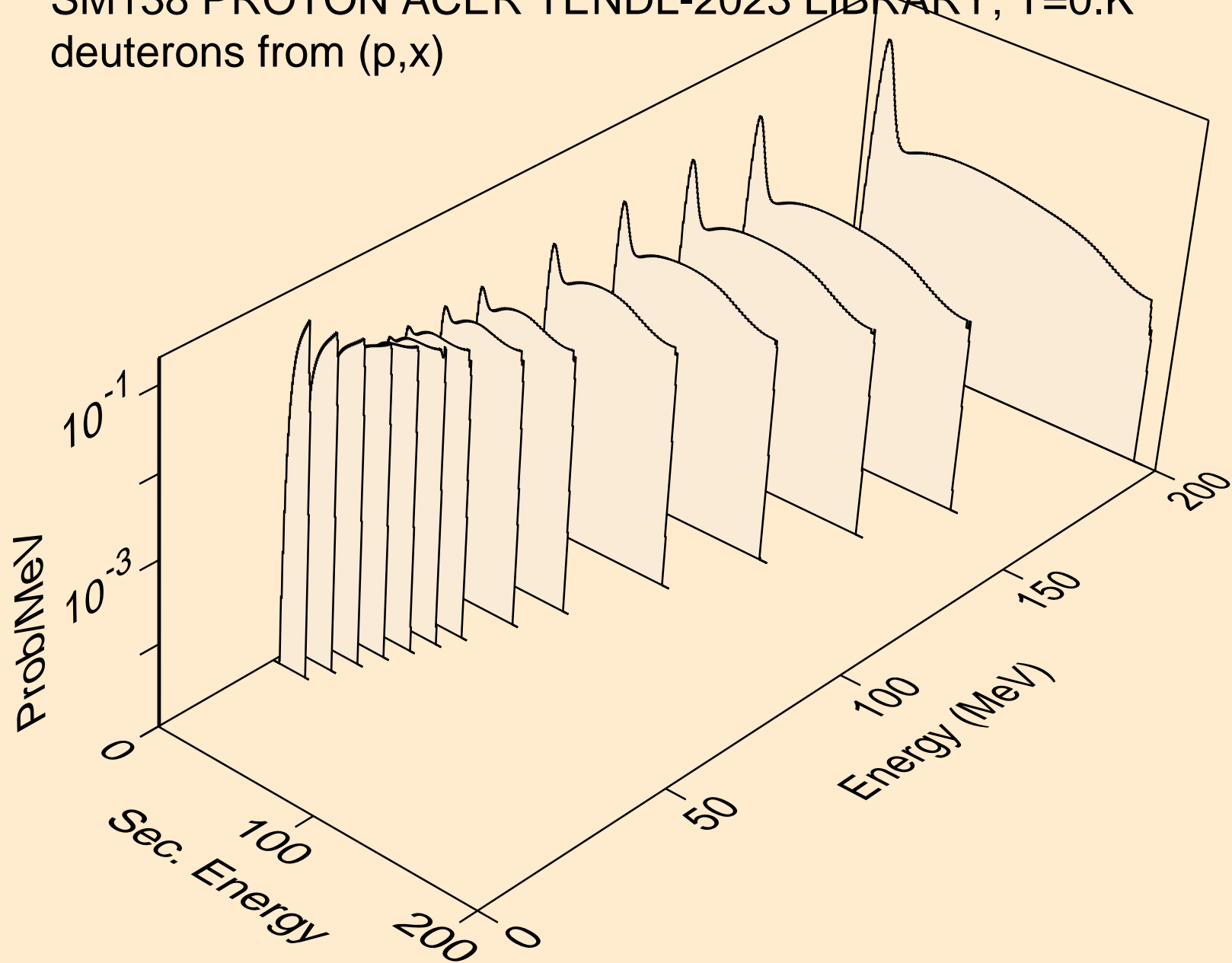
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neutrons from (p,n2p)



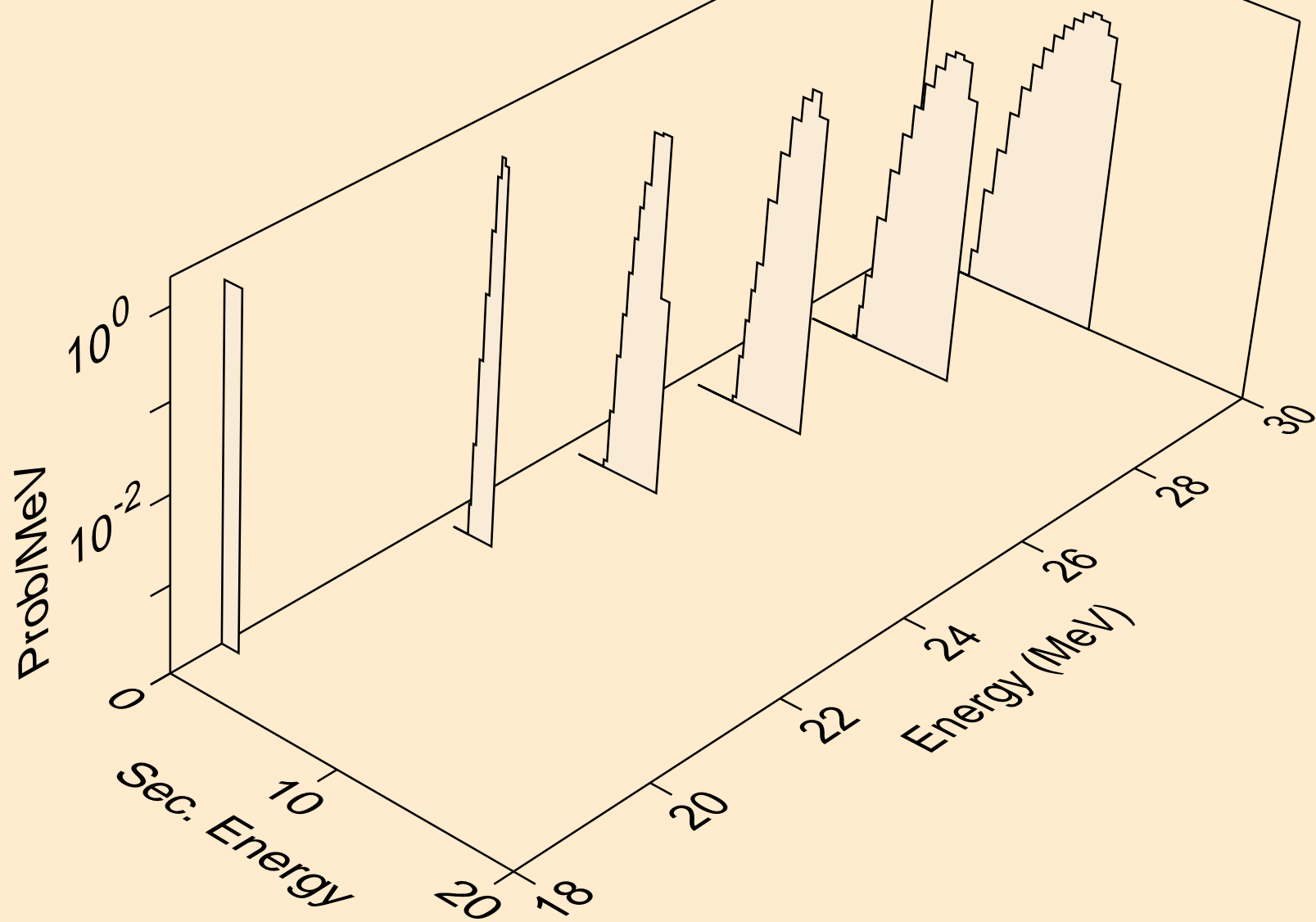
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neutrons from (p,npa)



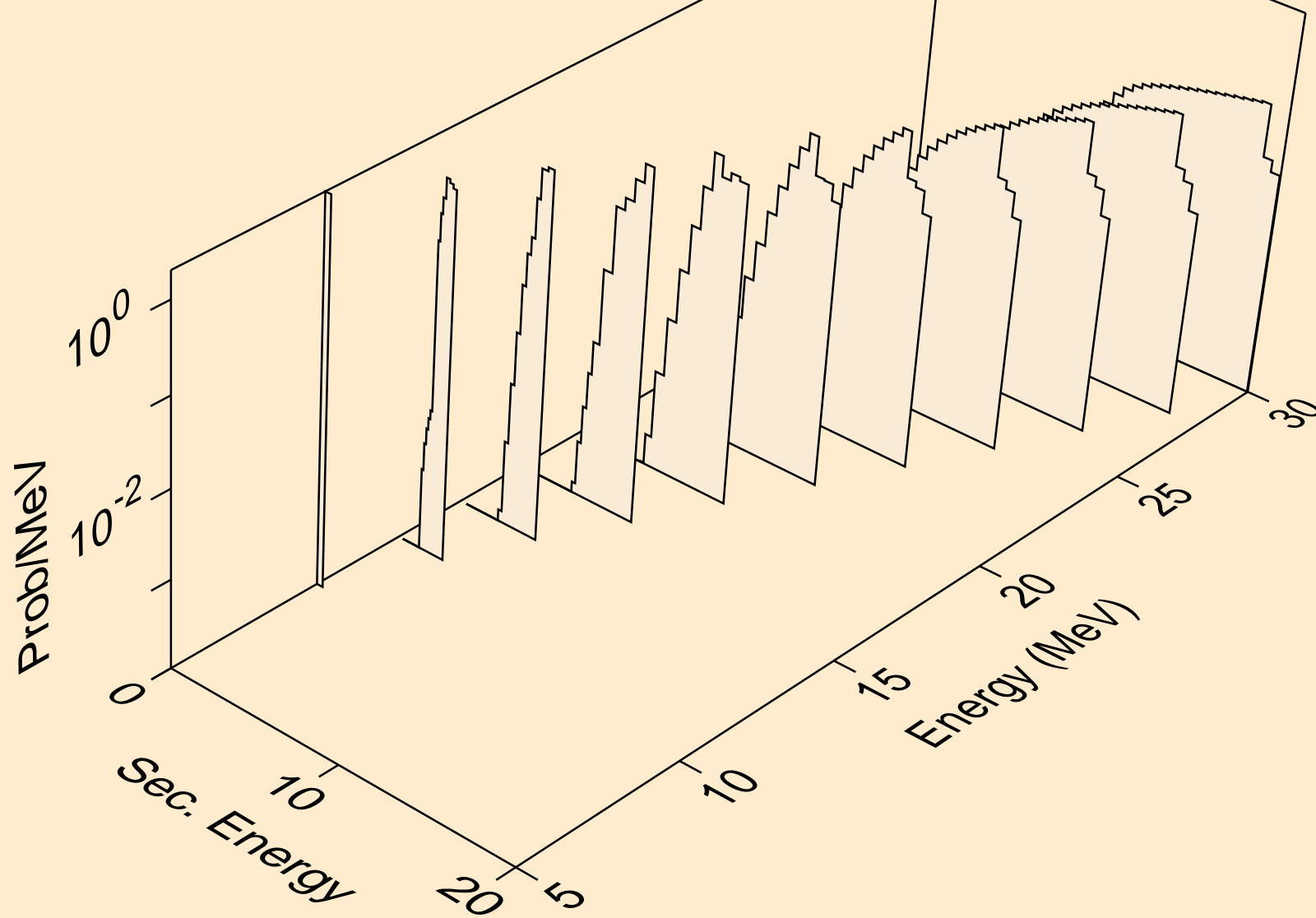
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deuterons from (p,x)



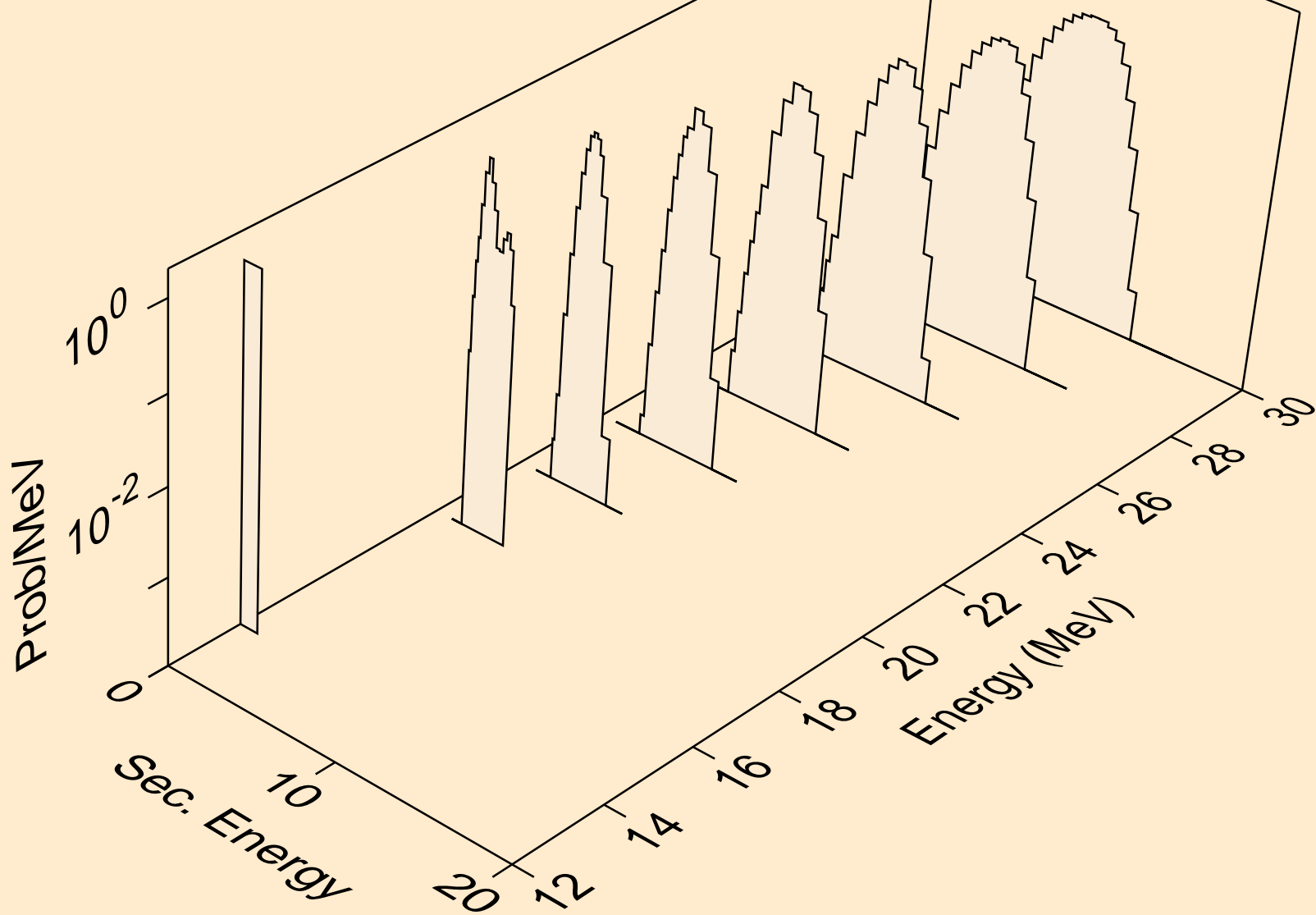
SM138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,n\*)d



SM138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,d)

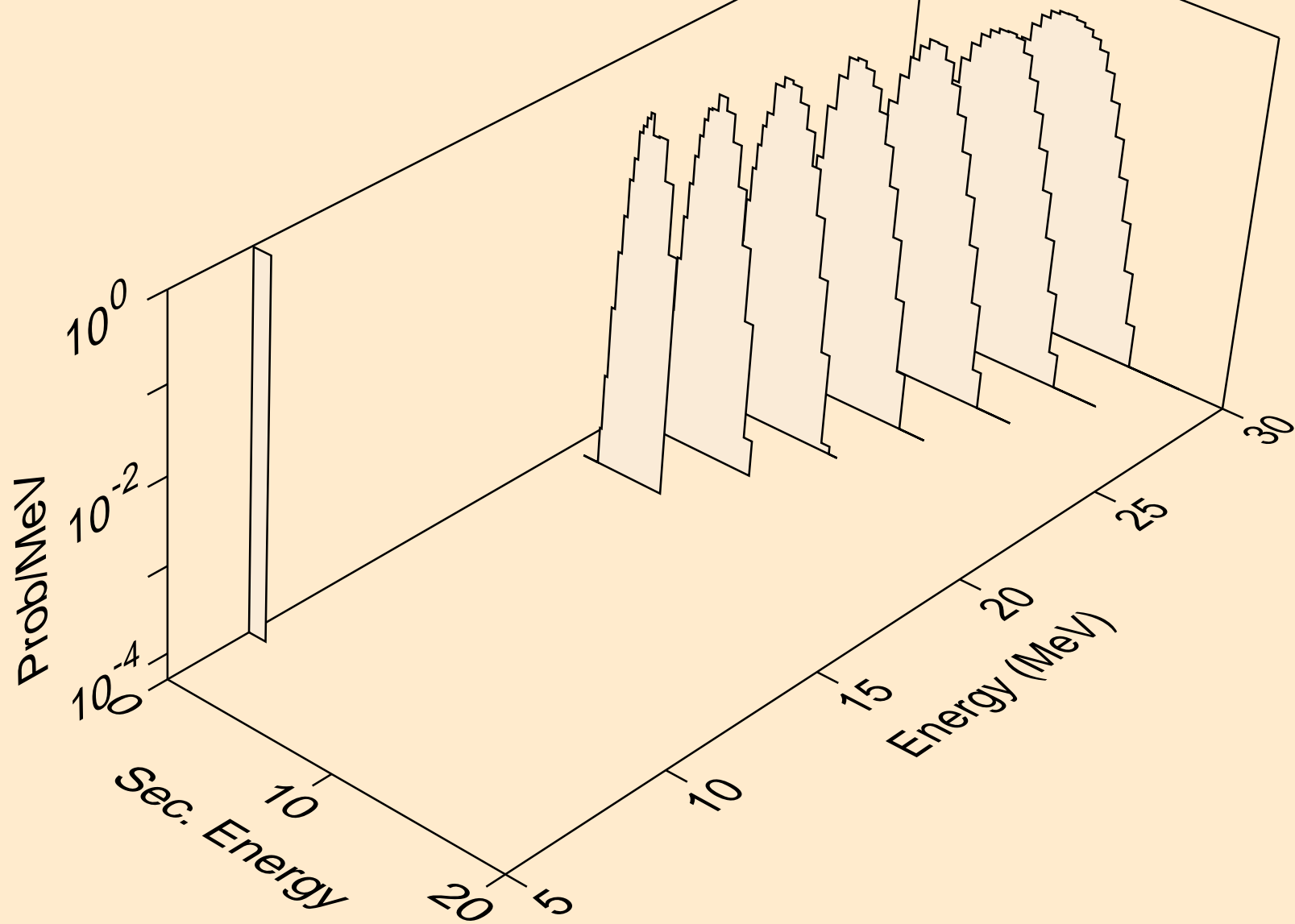


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deuterons from (p,pd)

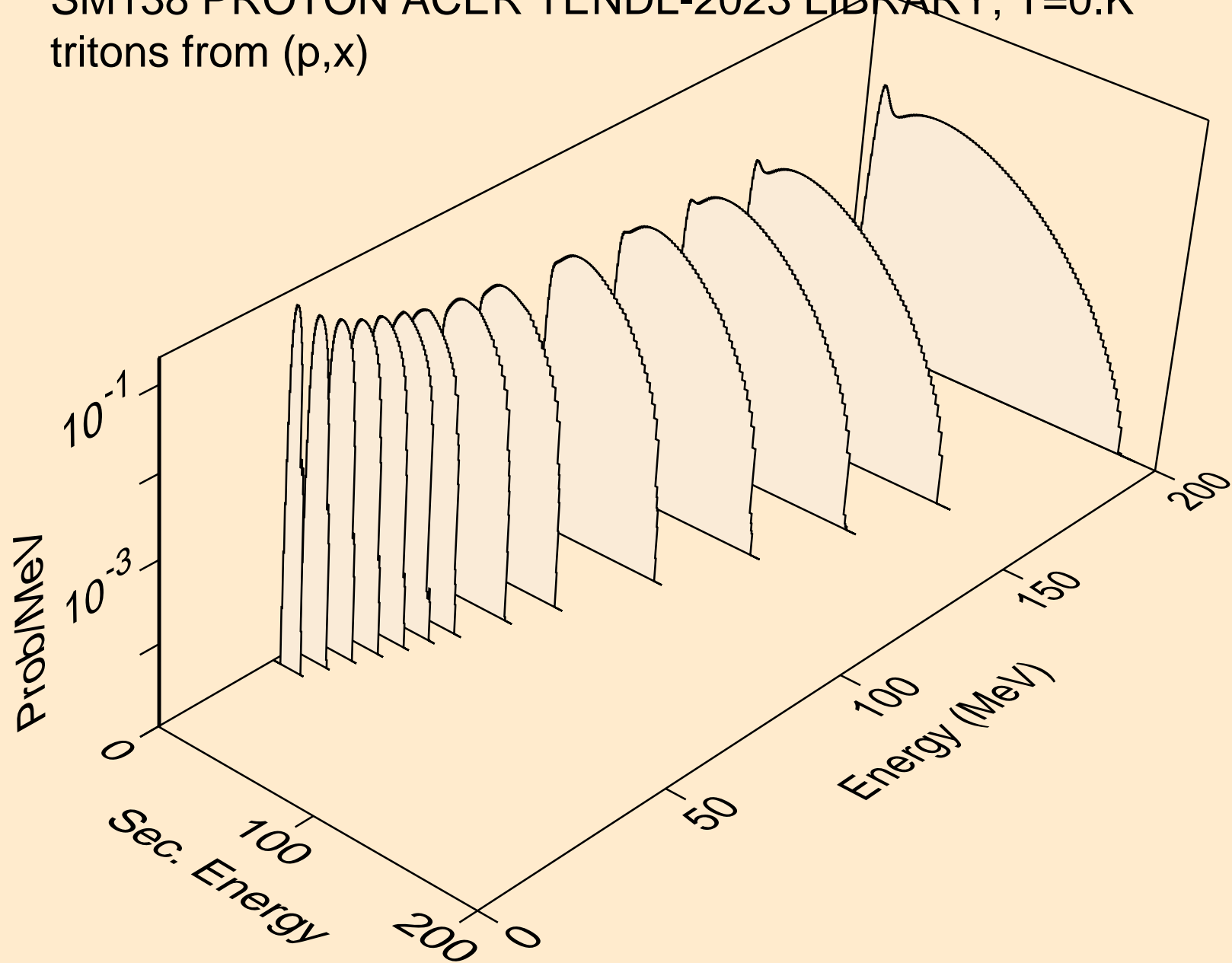




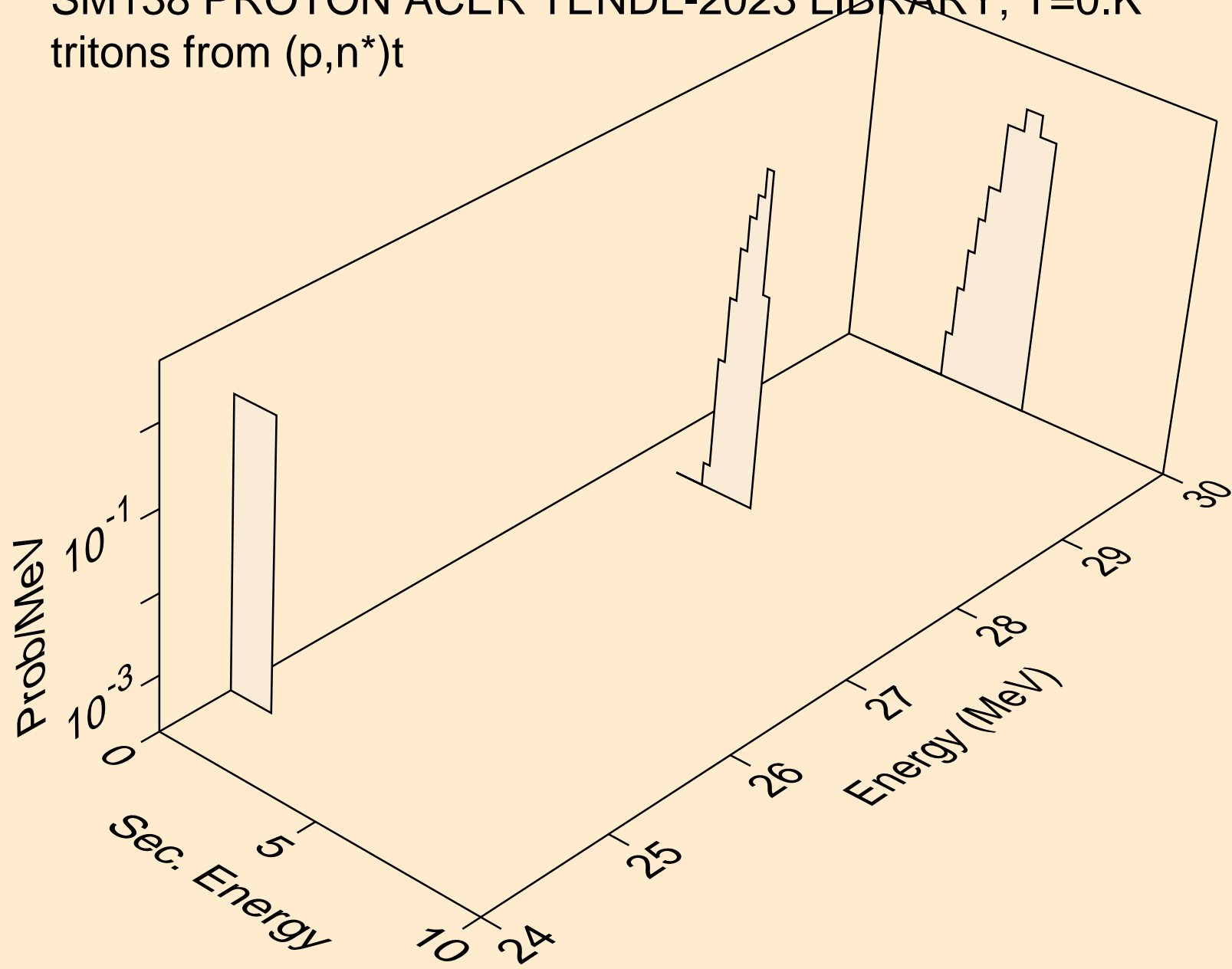
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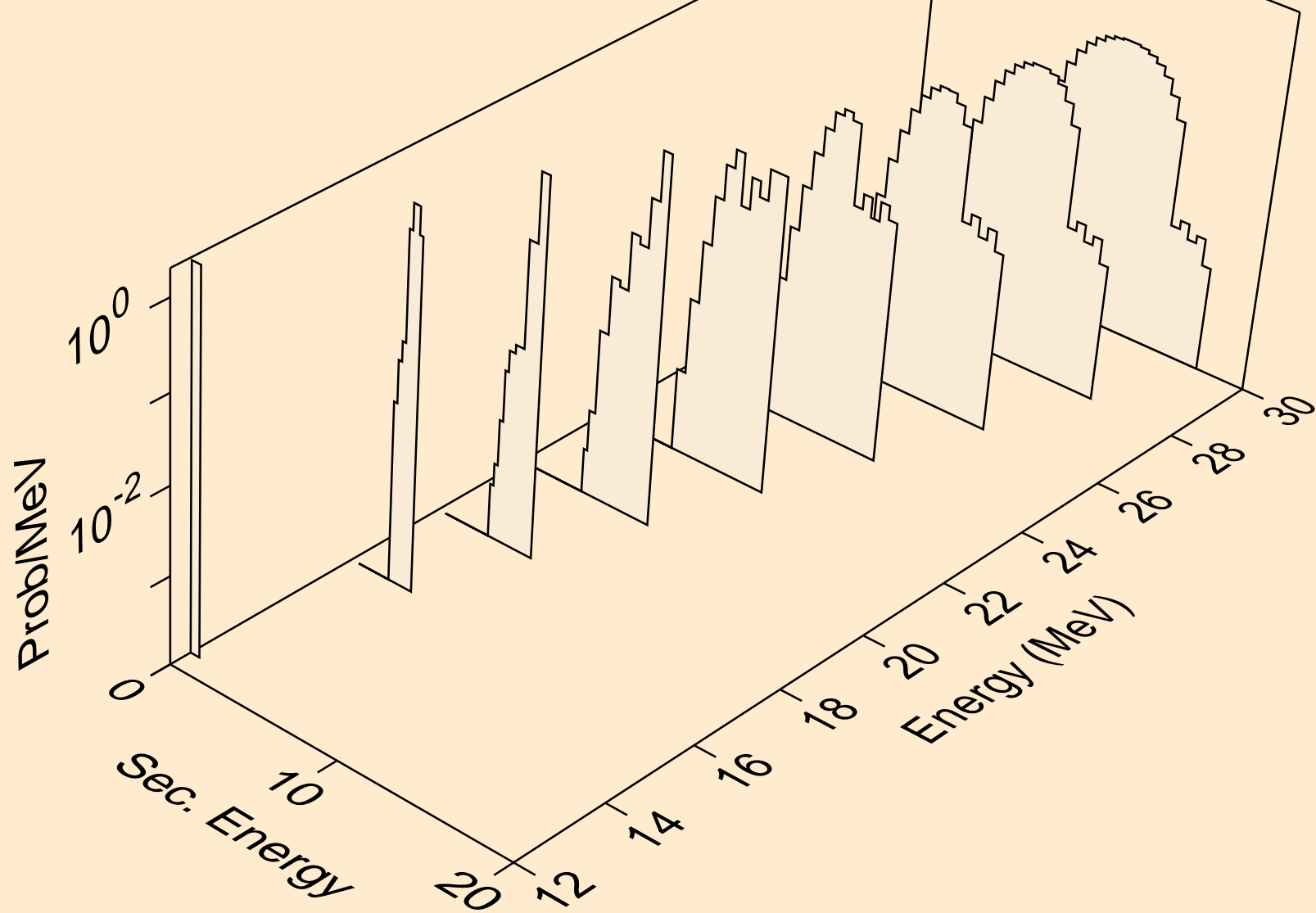
SM138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,x)



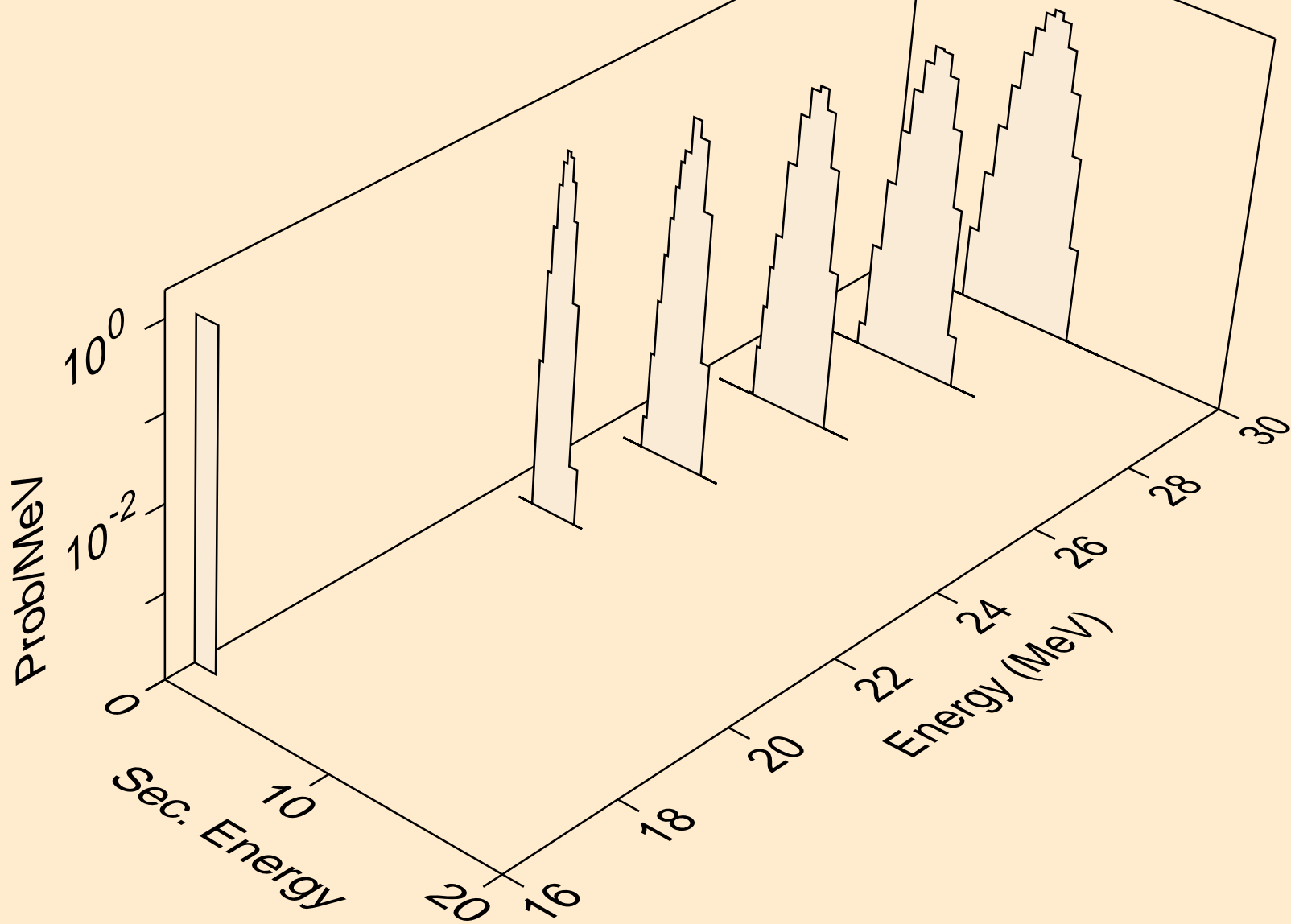
SM138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,n\*)t



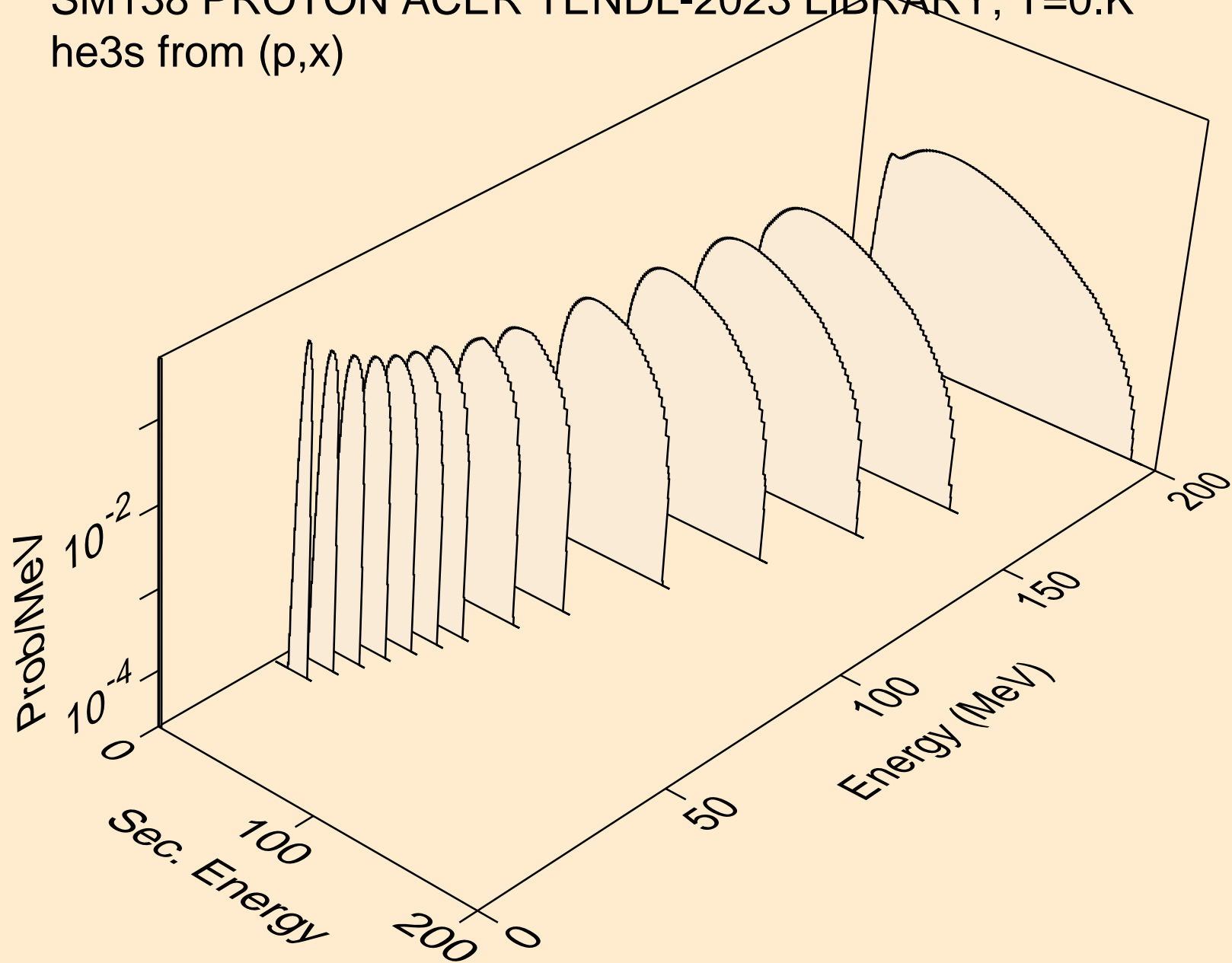
SM138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
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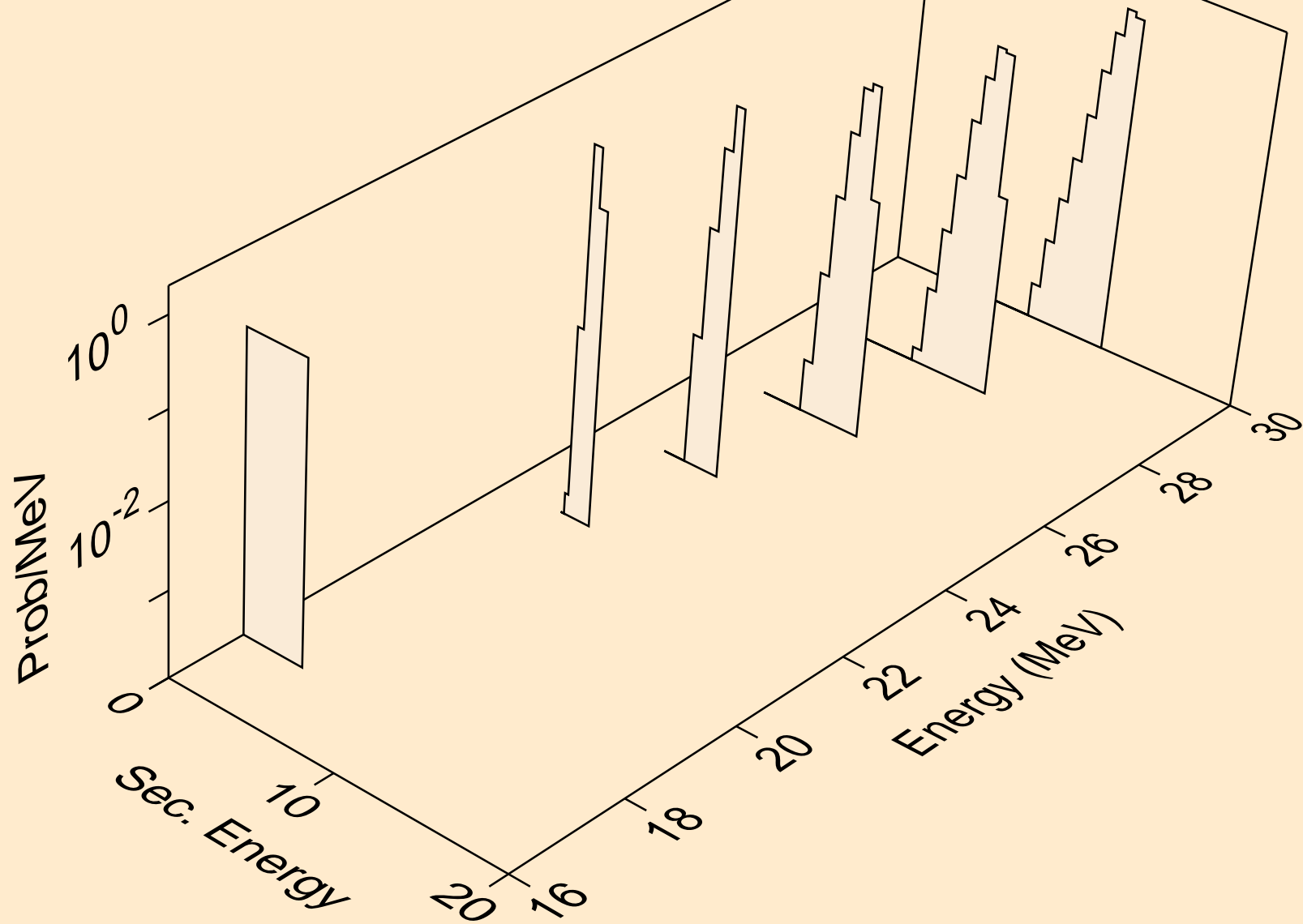
SM138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,pt)



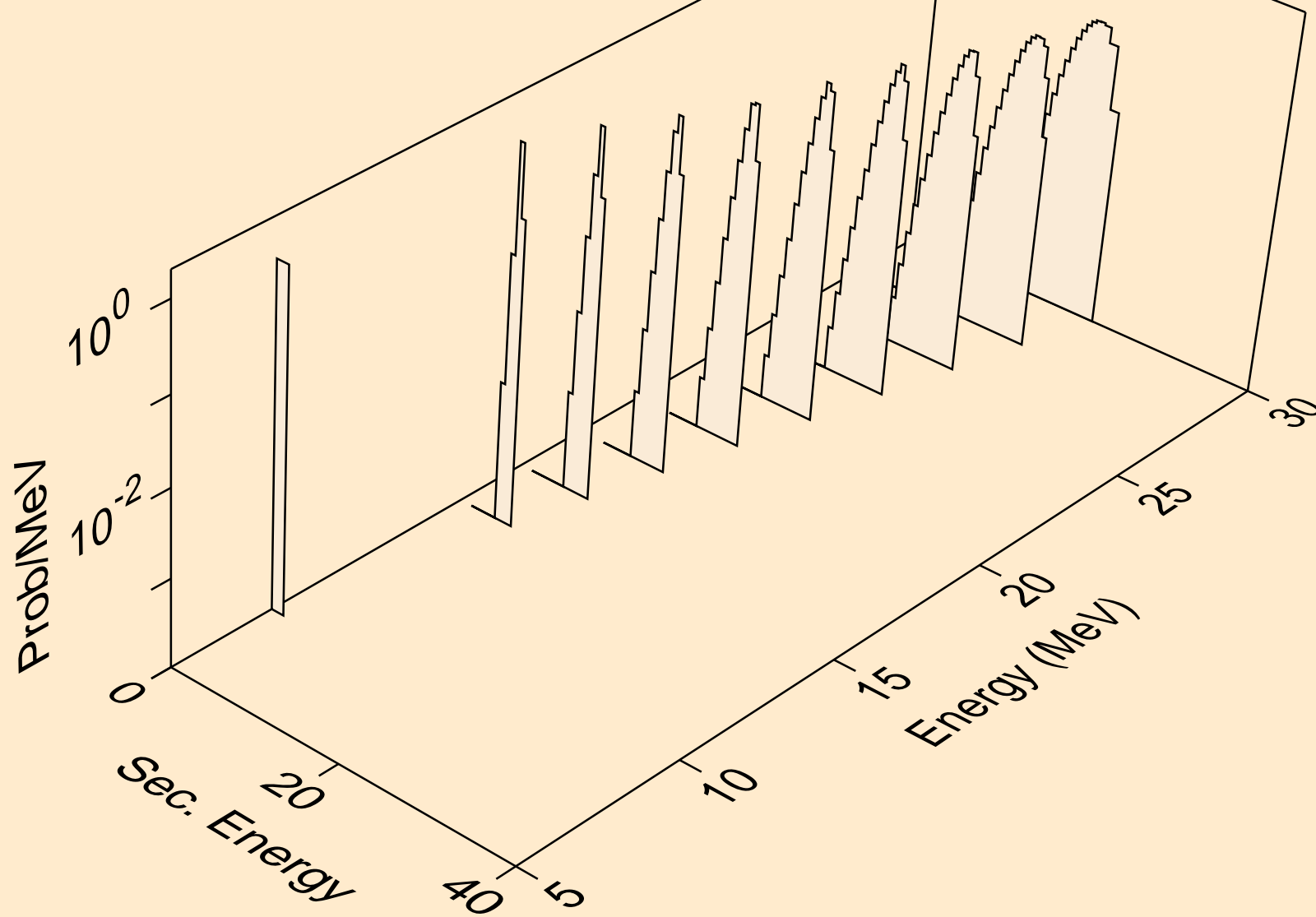
SM138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)



SM138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,n\*)he3

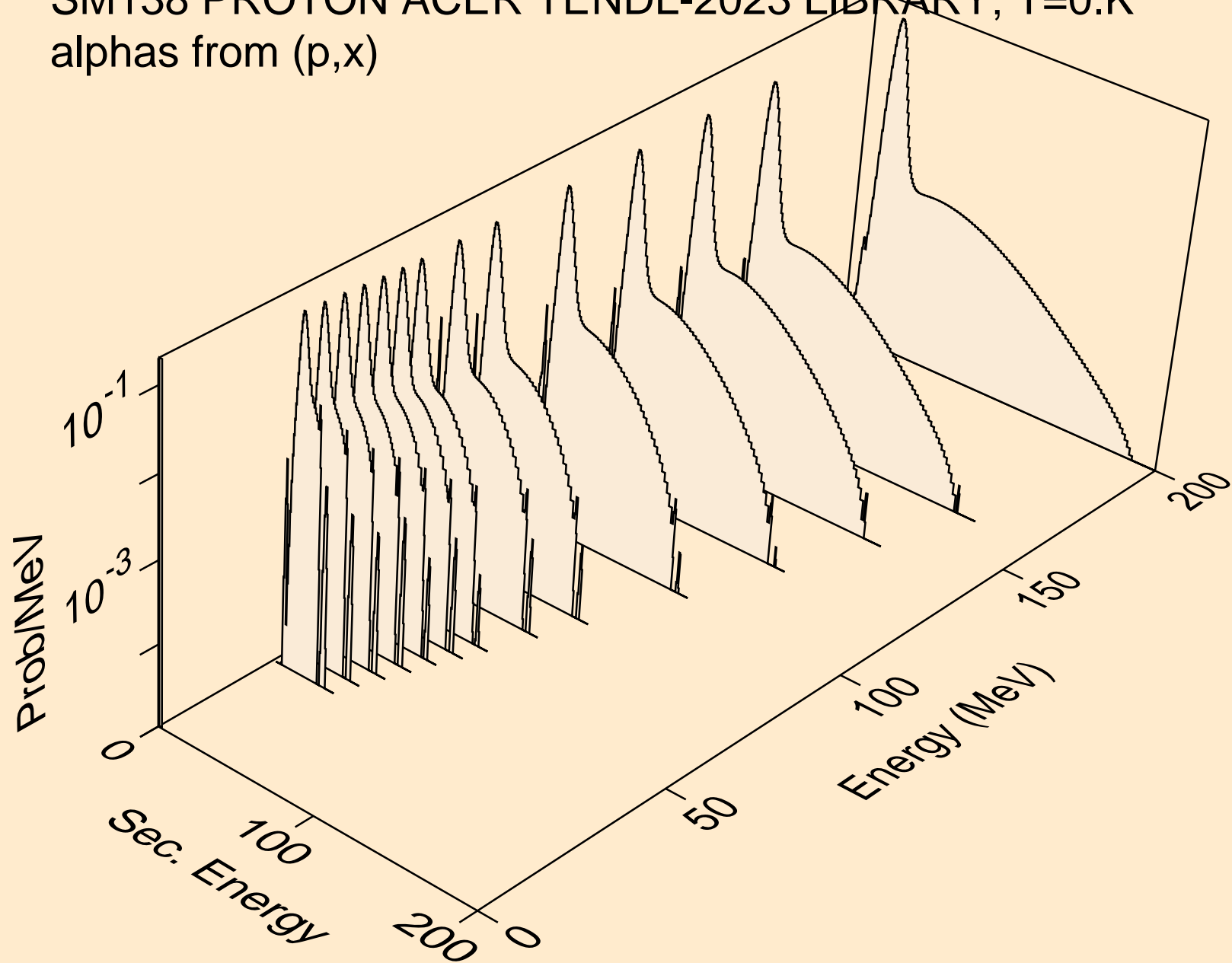


SM138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,he3)

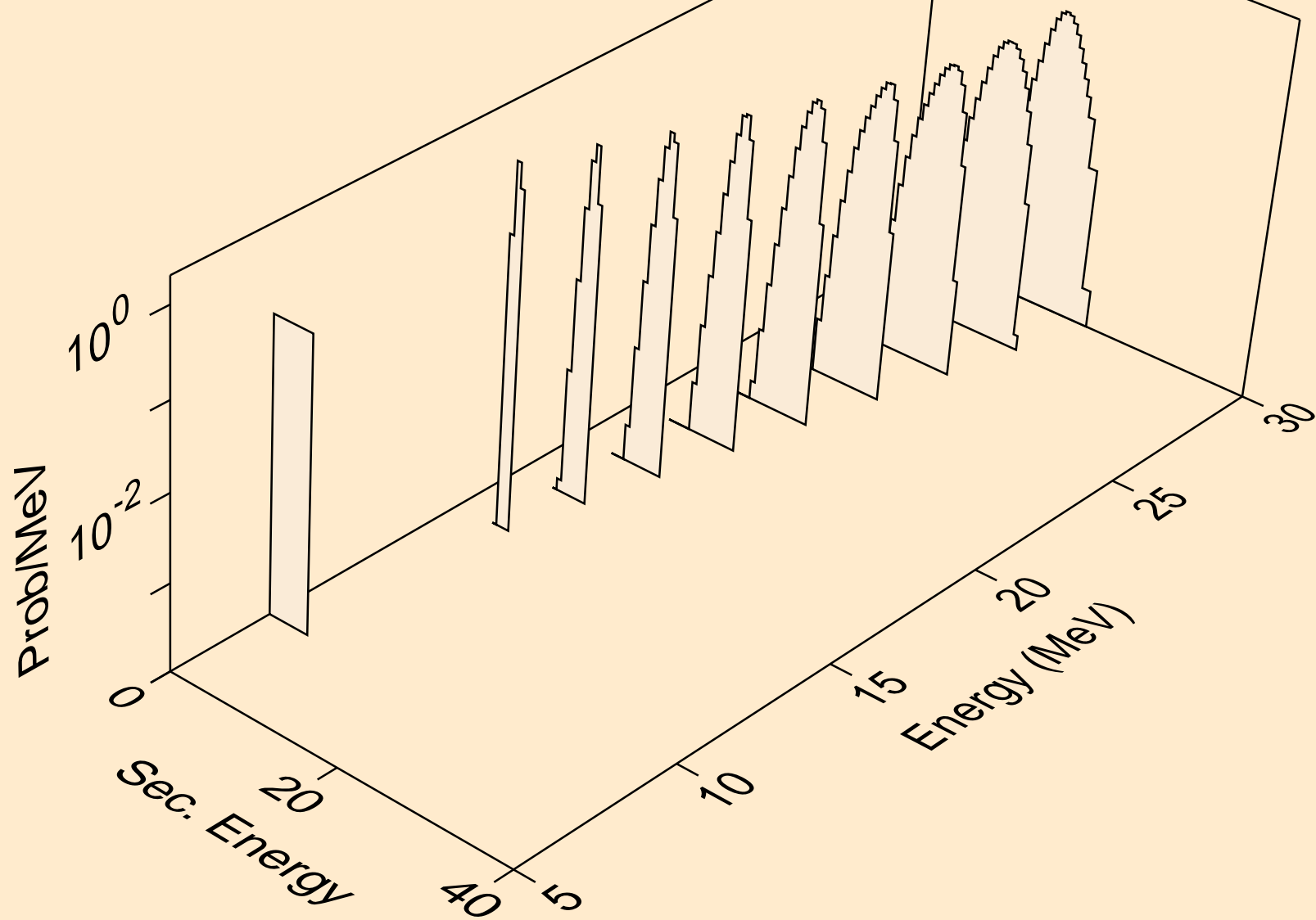




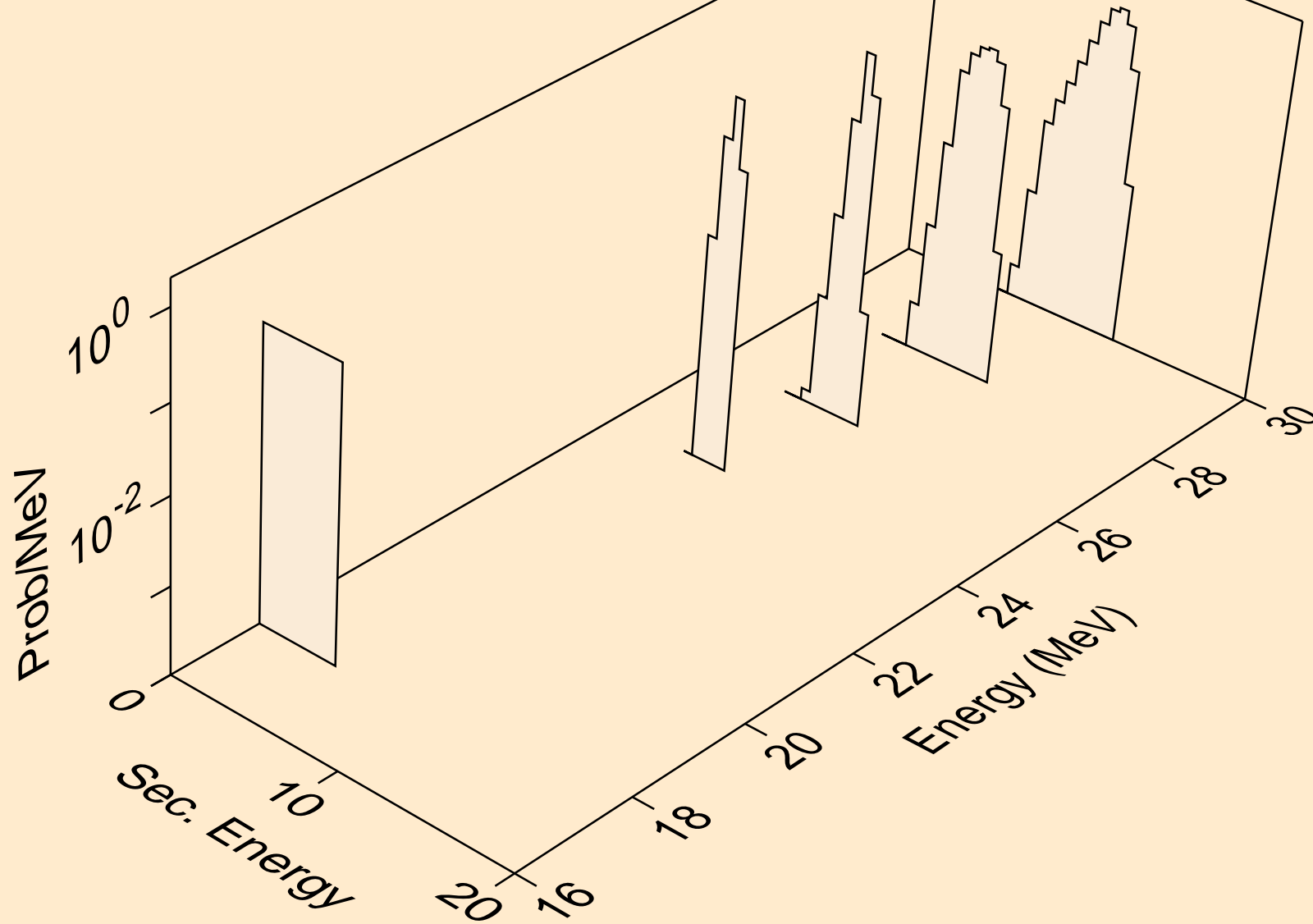
SM138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)



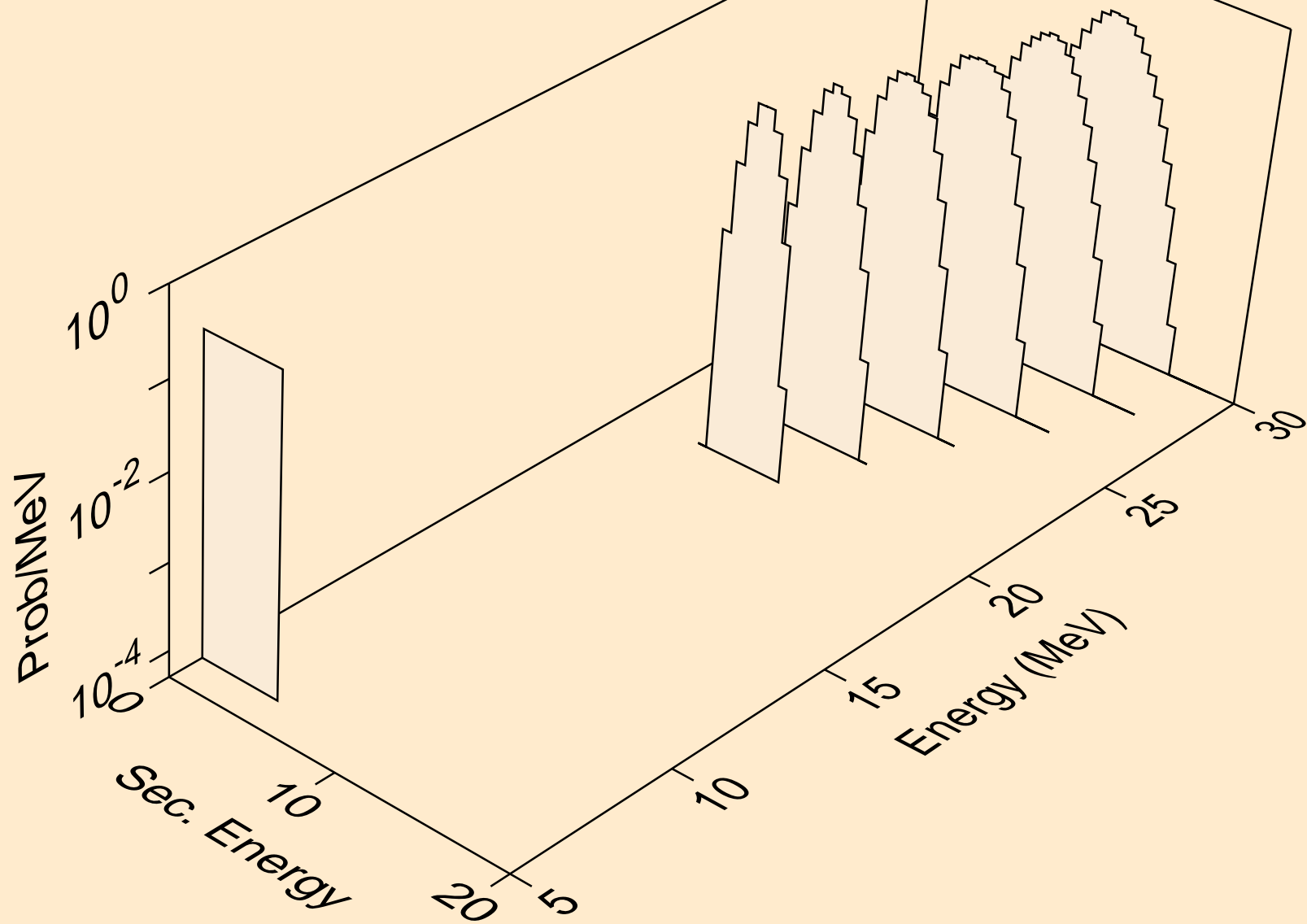
SM138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a



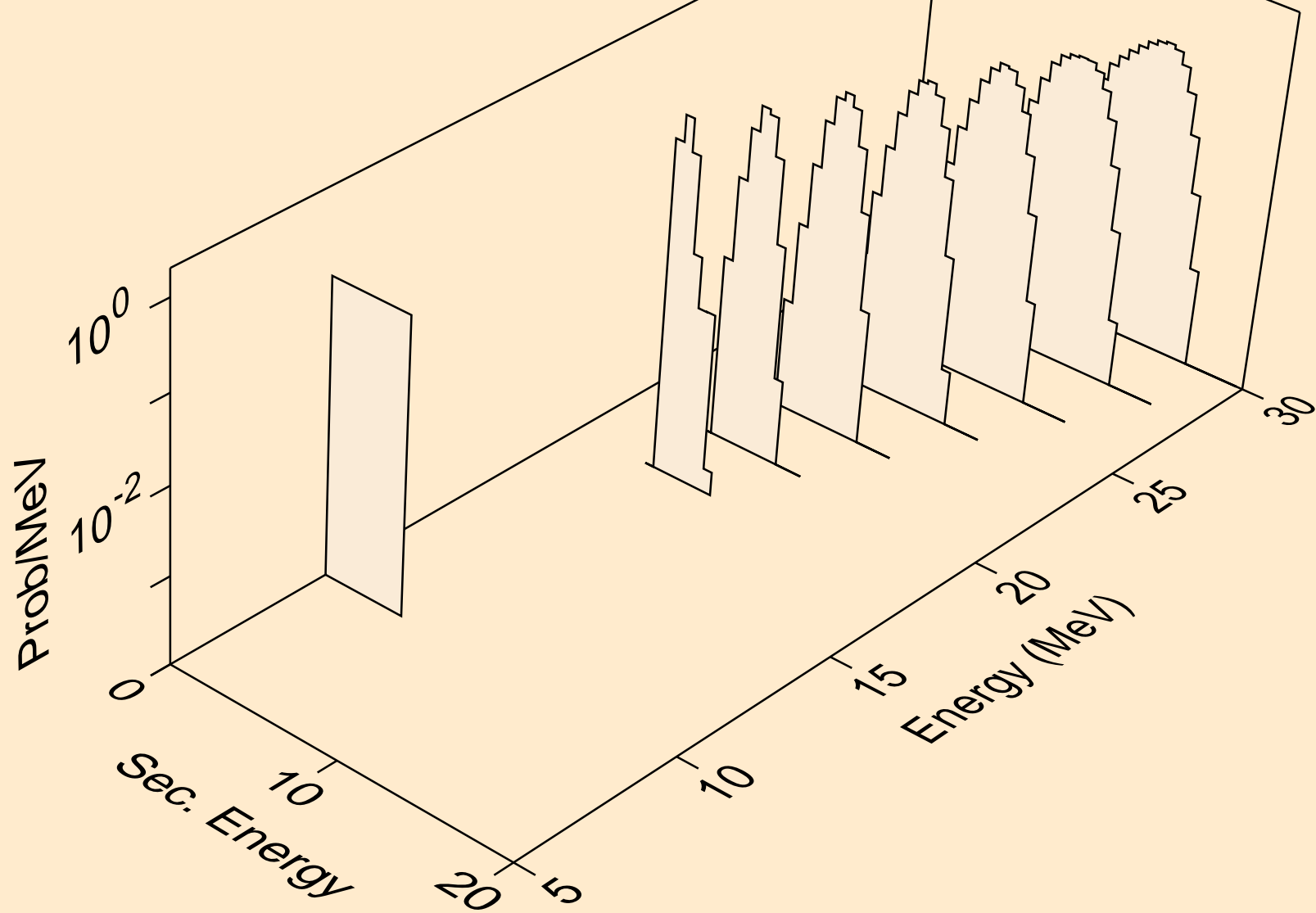
SM138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)a



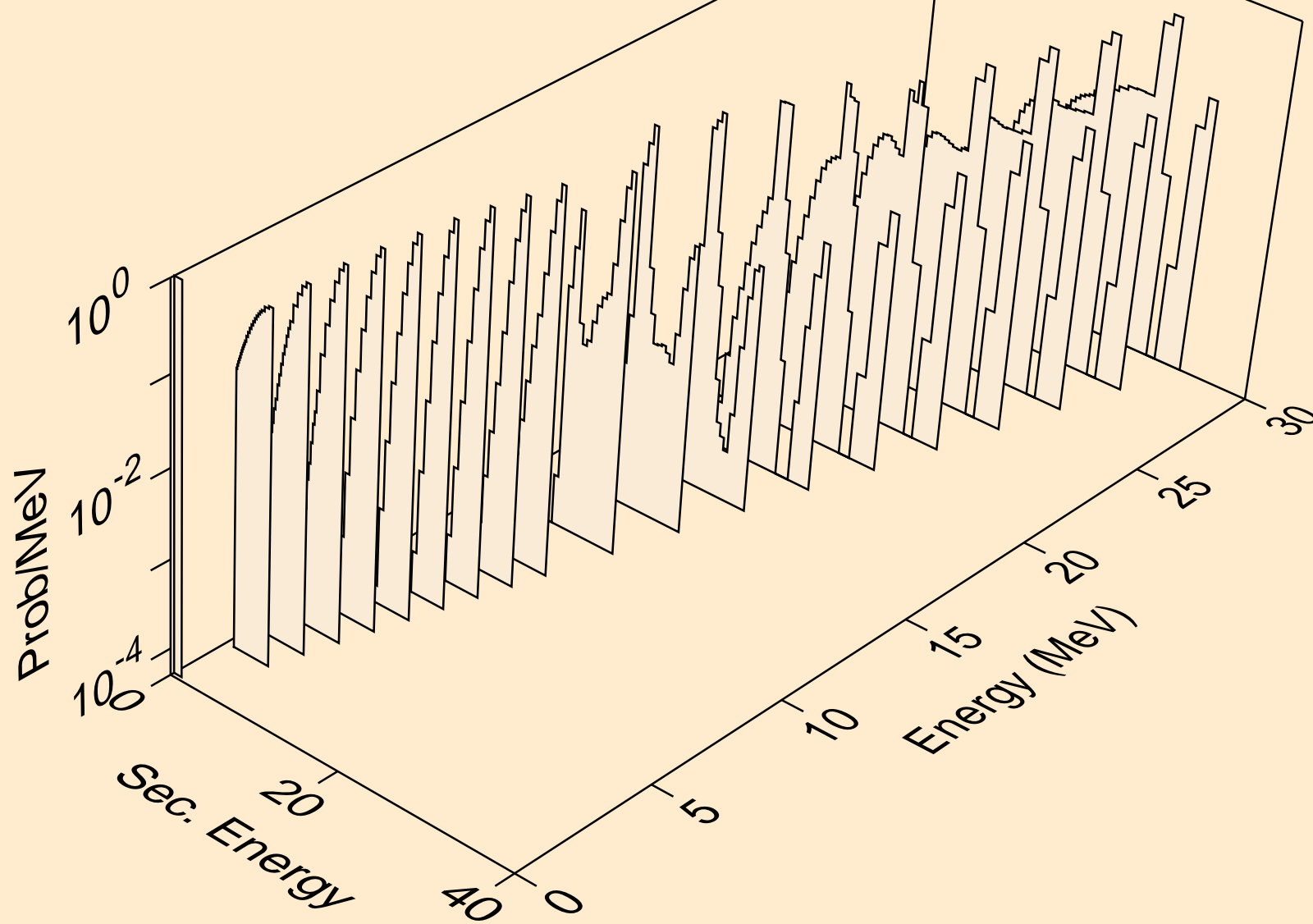
SM138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)2a



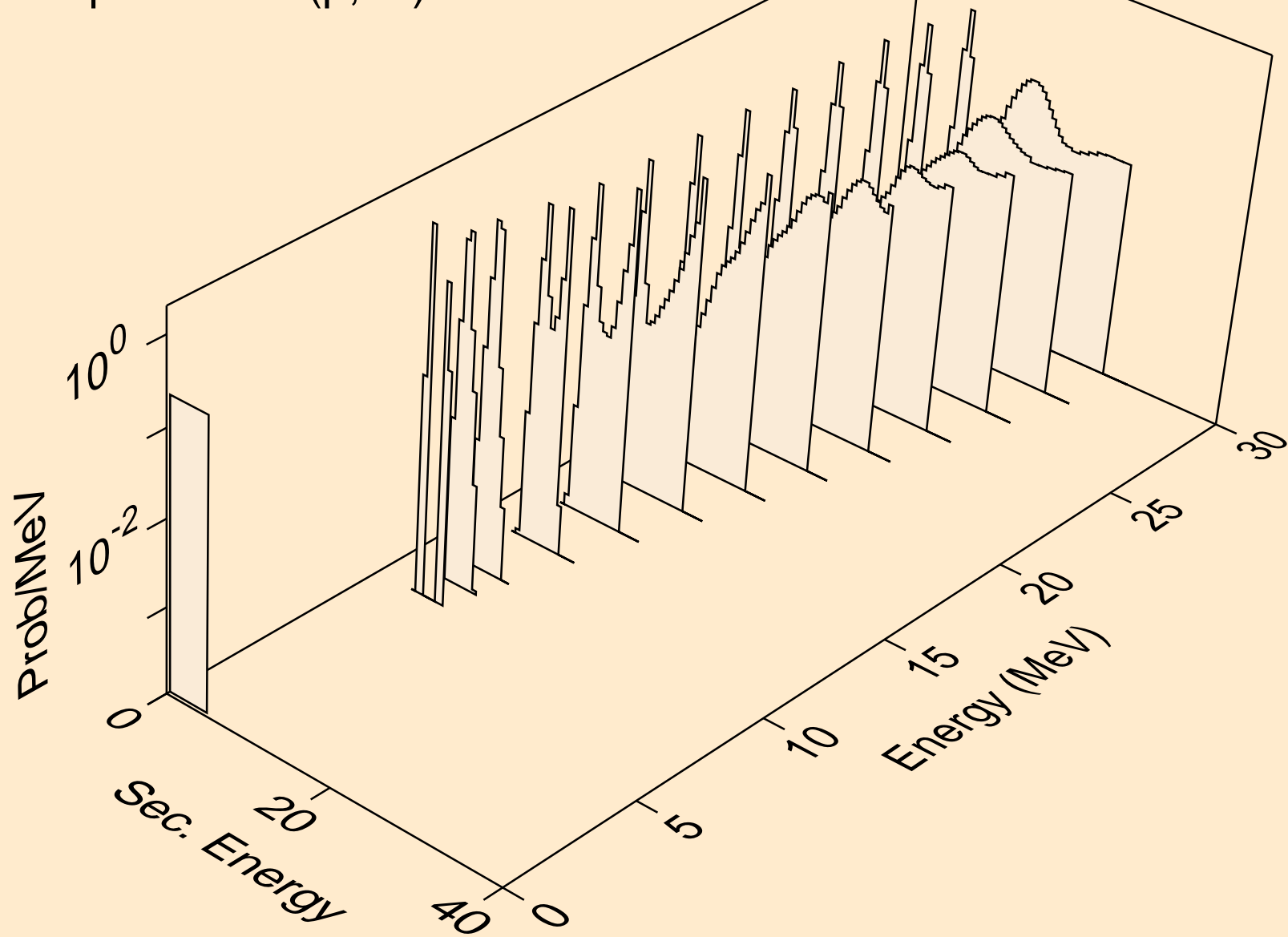
SM138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,npa)



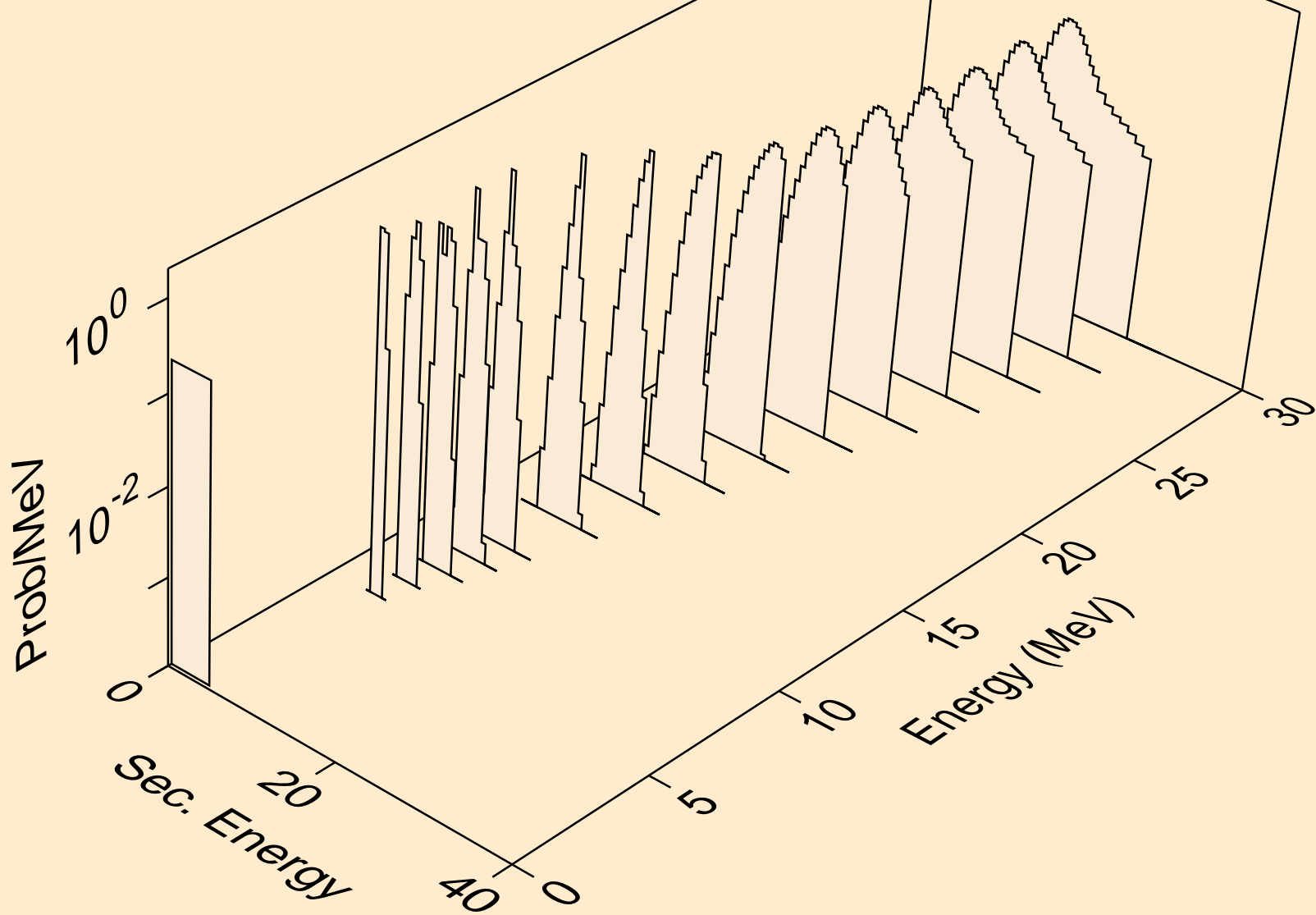
SM138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)



SM138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2a)



SM138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,pa)





SM138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,da)

