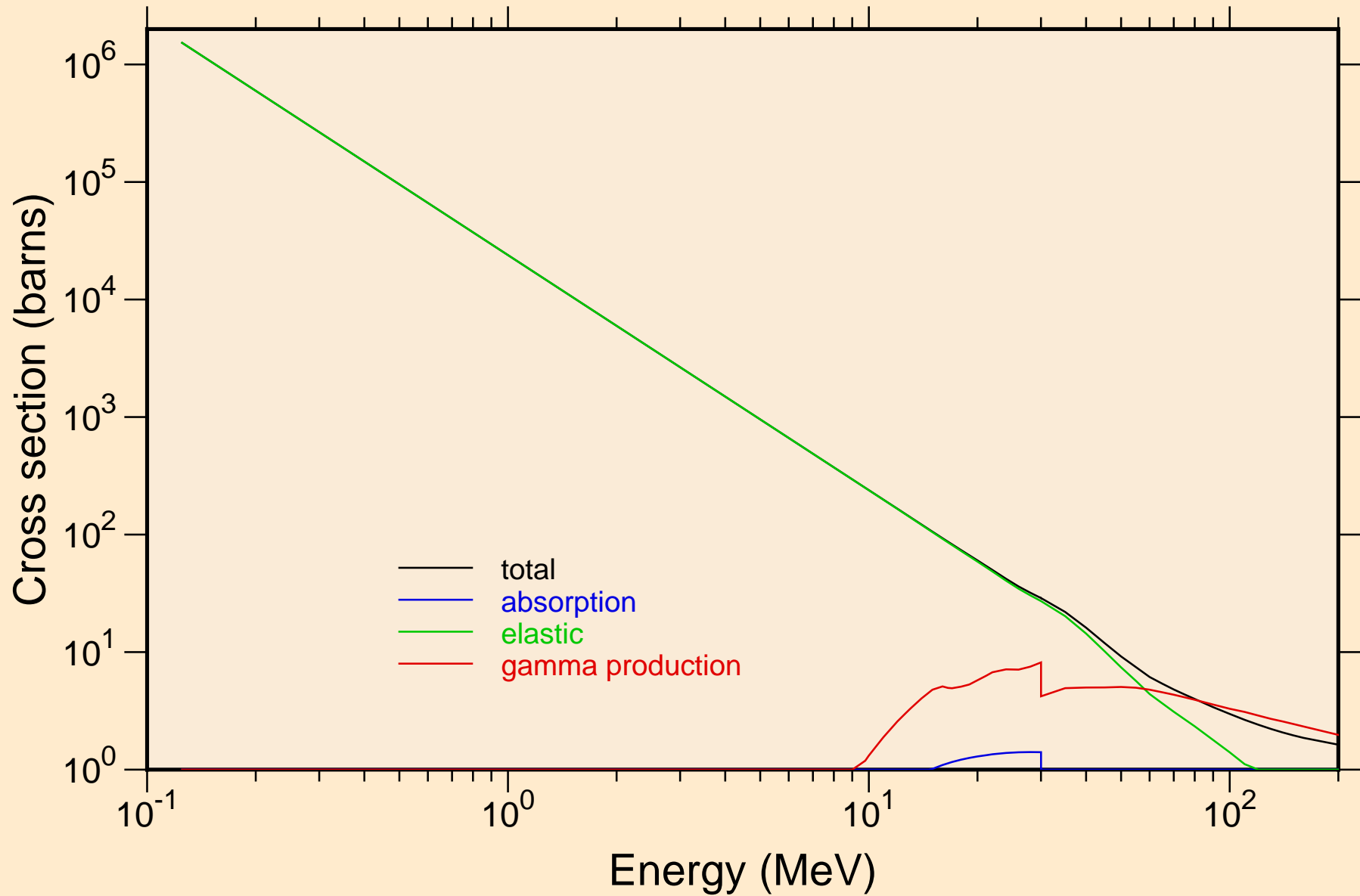


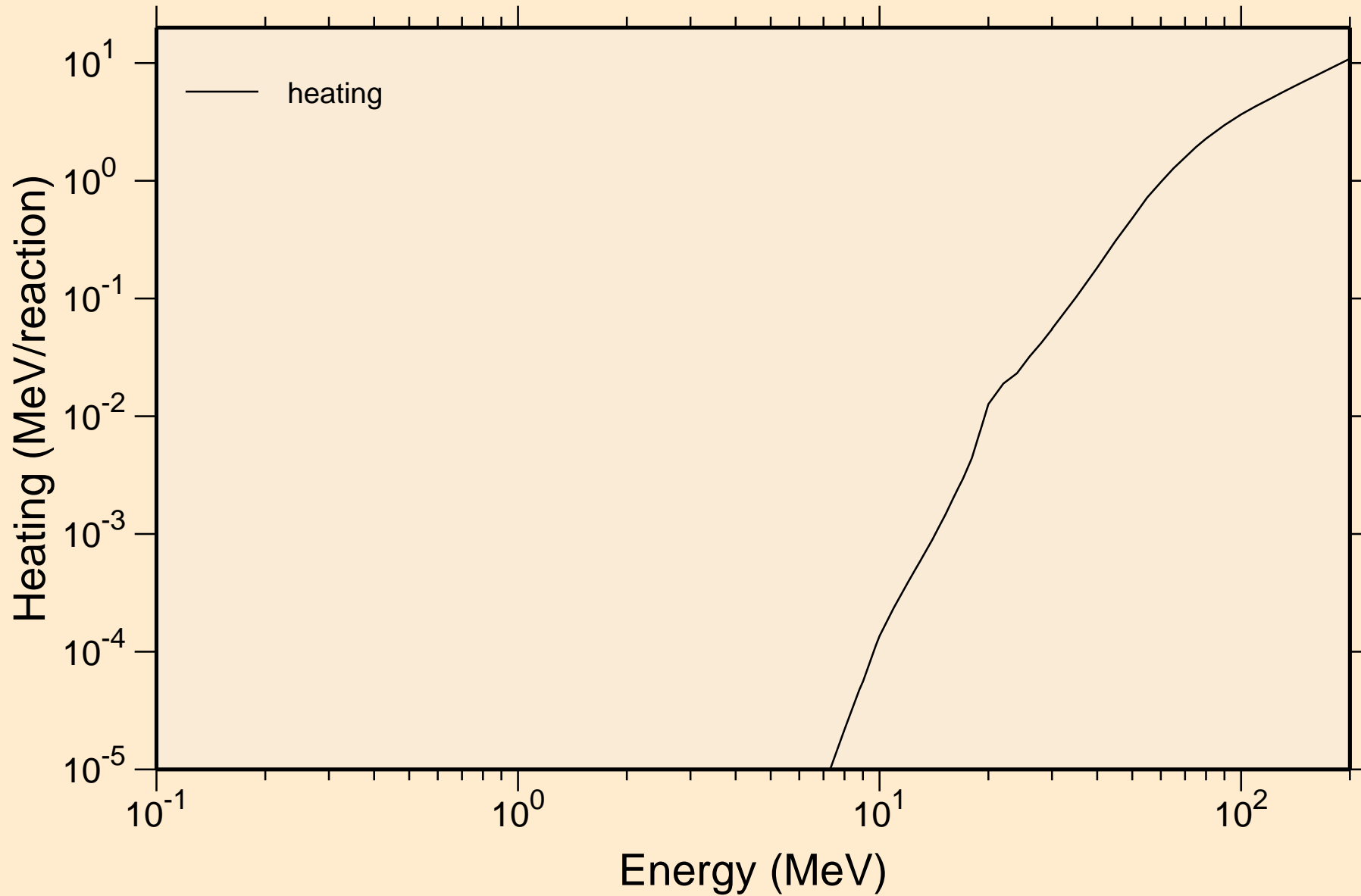
# SM156 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



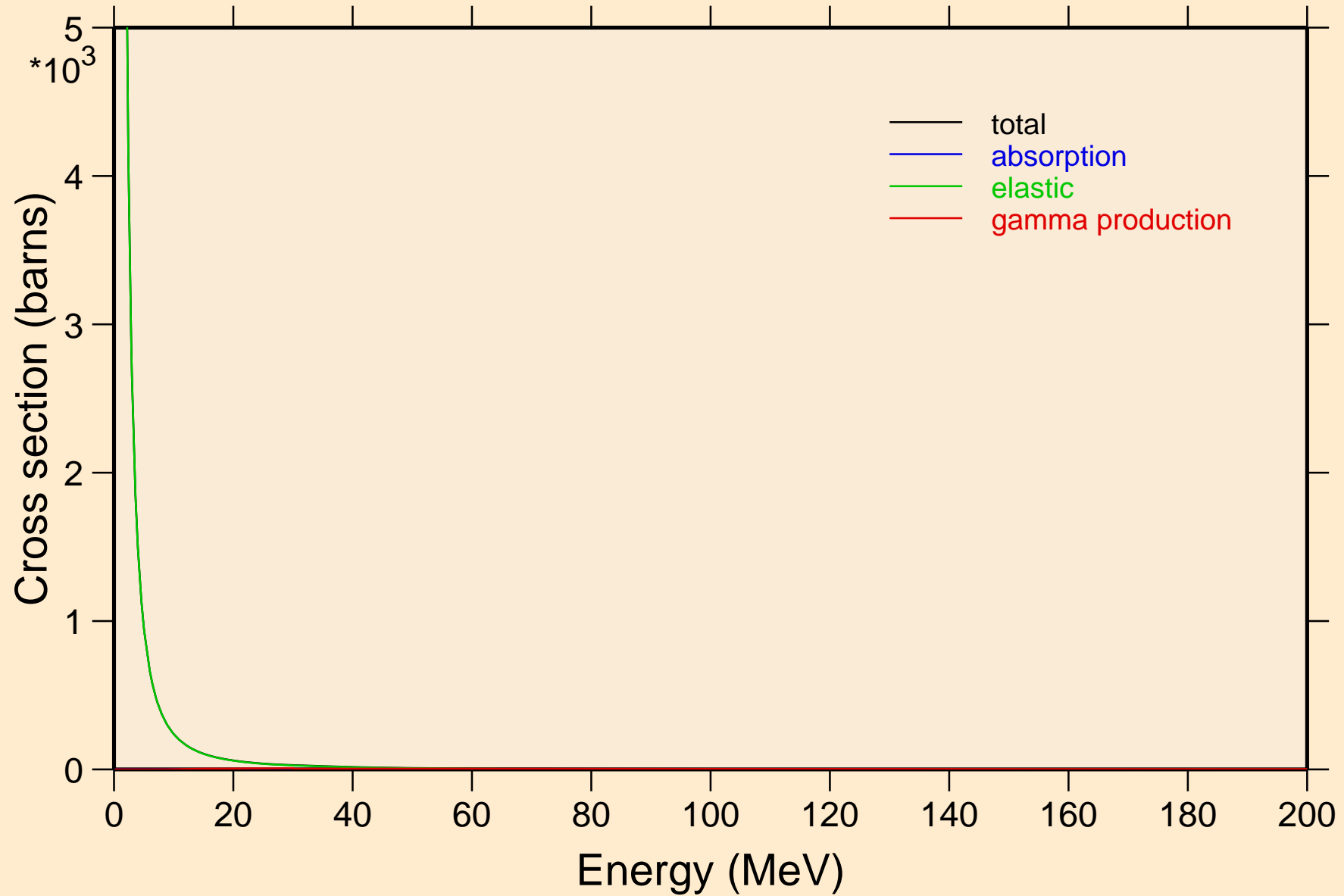
# SM156 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



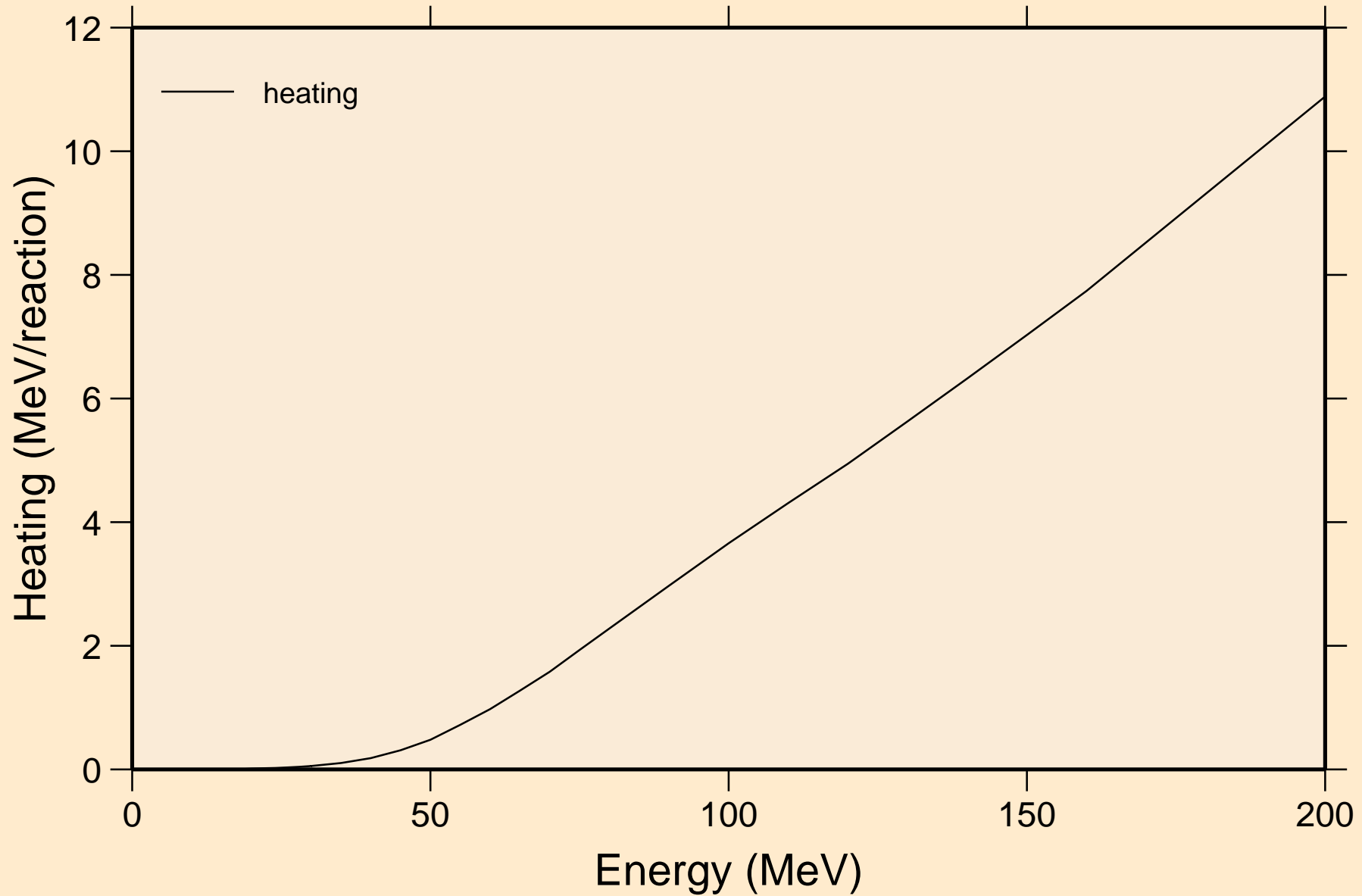
# SM156 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



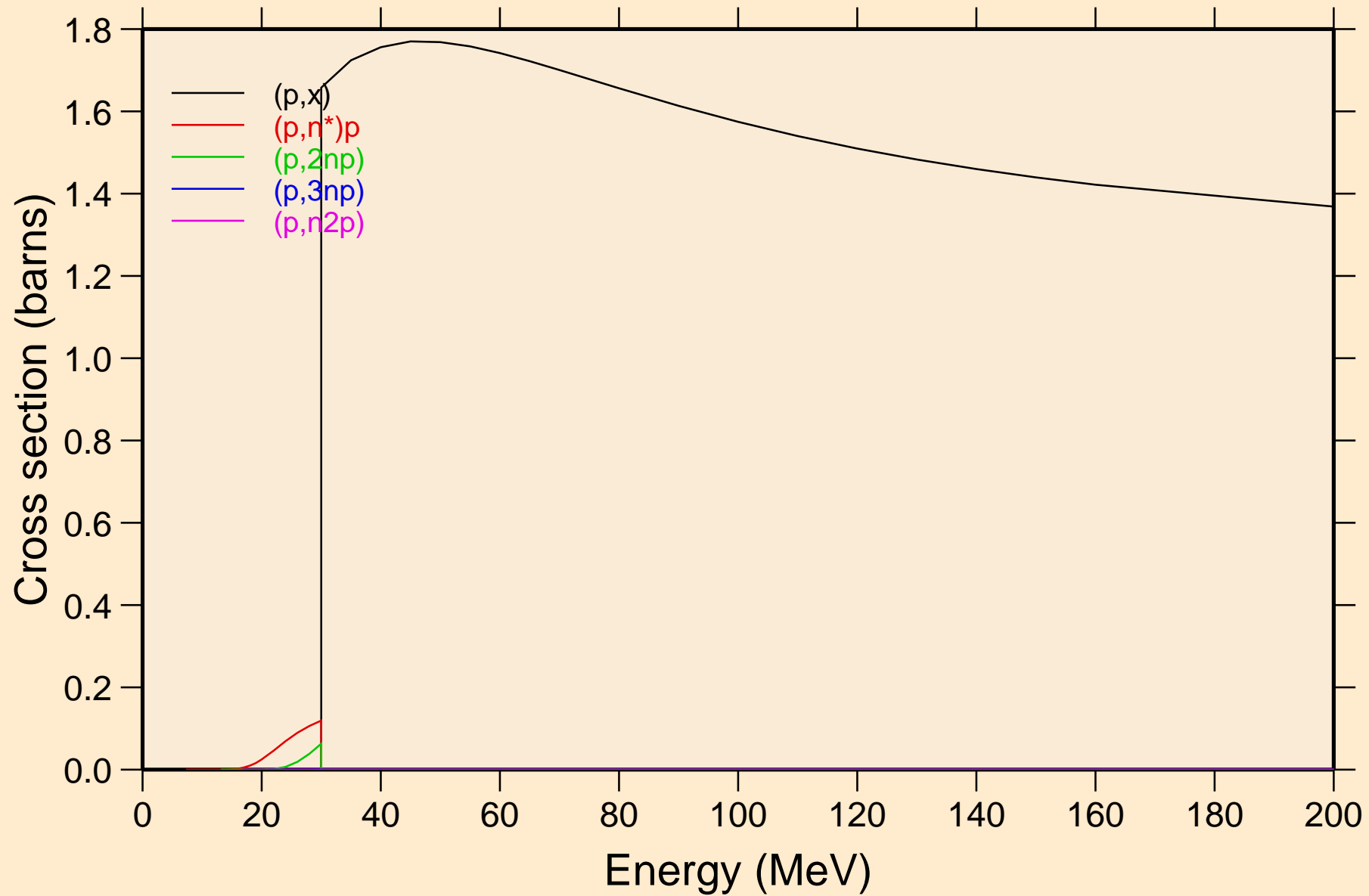
# SM156 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



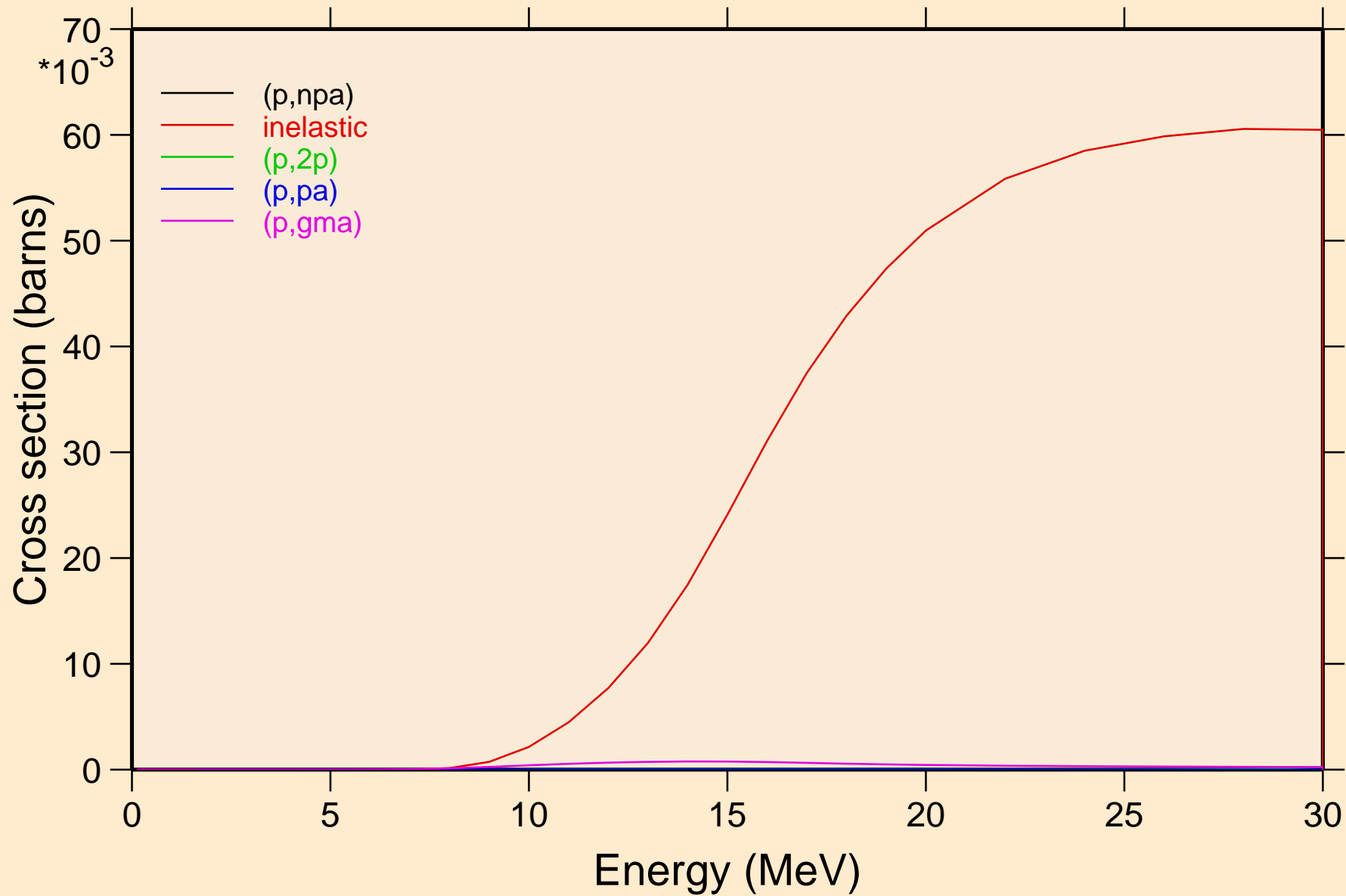
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## Threshold reactions



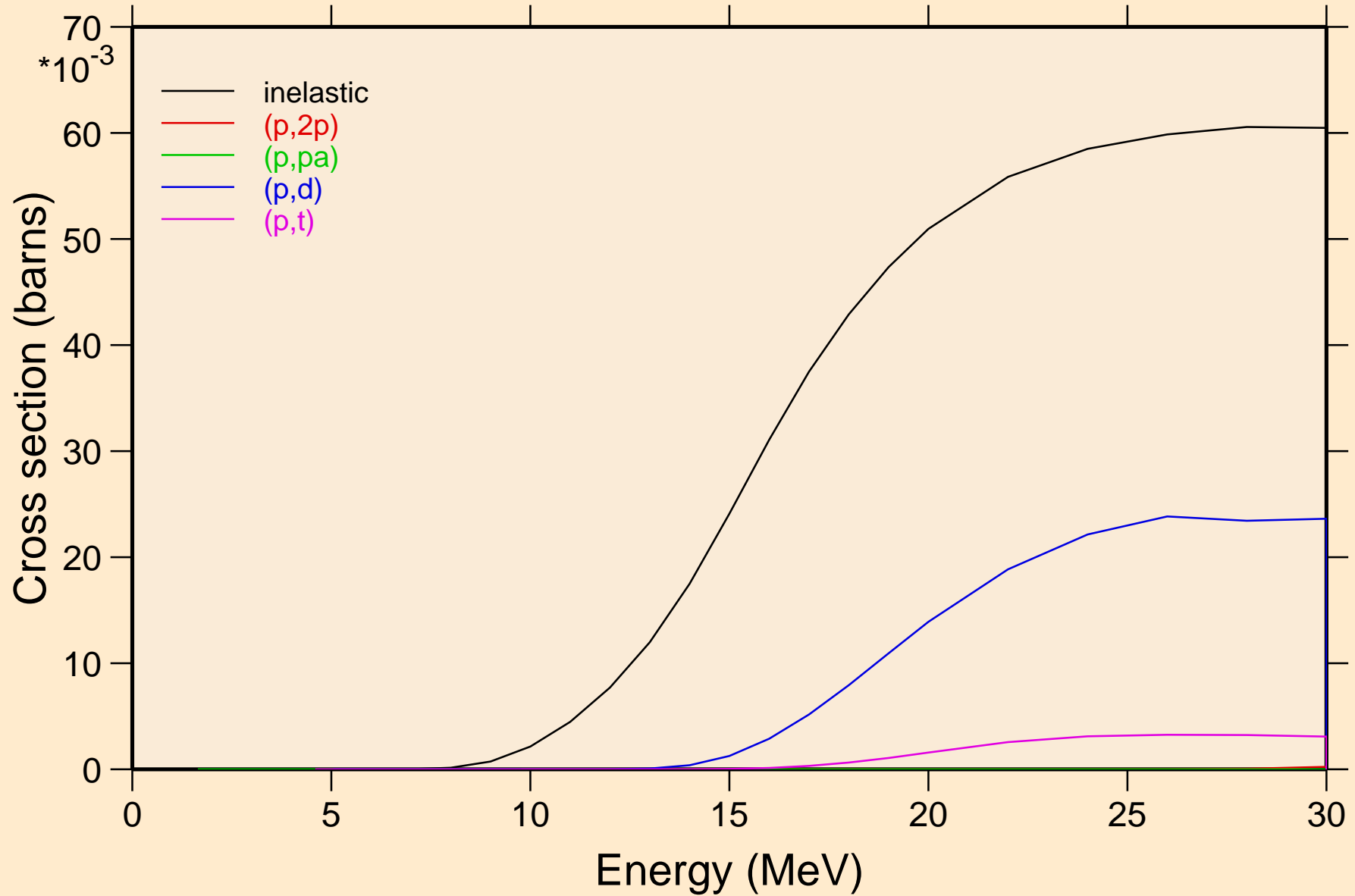
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## Threshold reactions



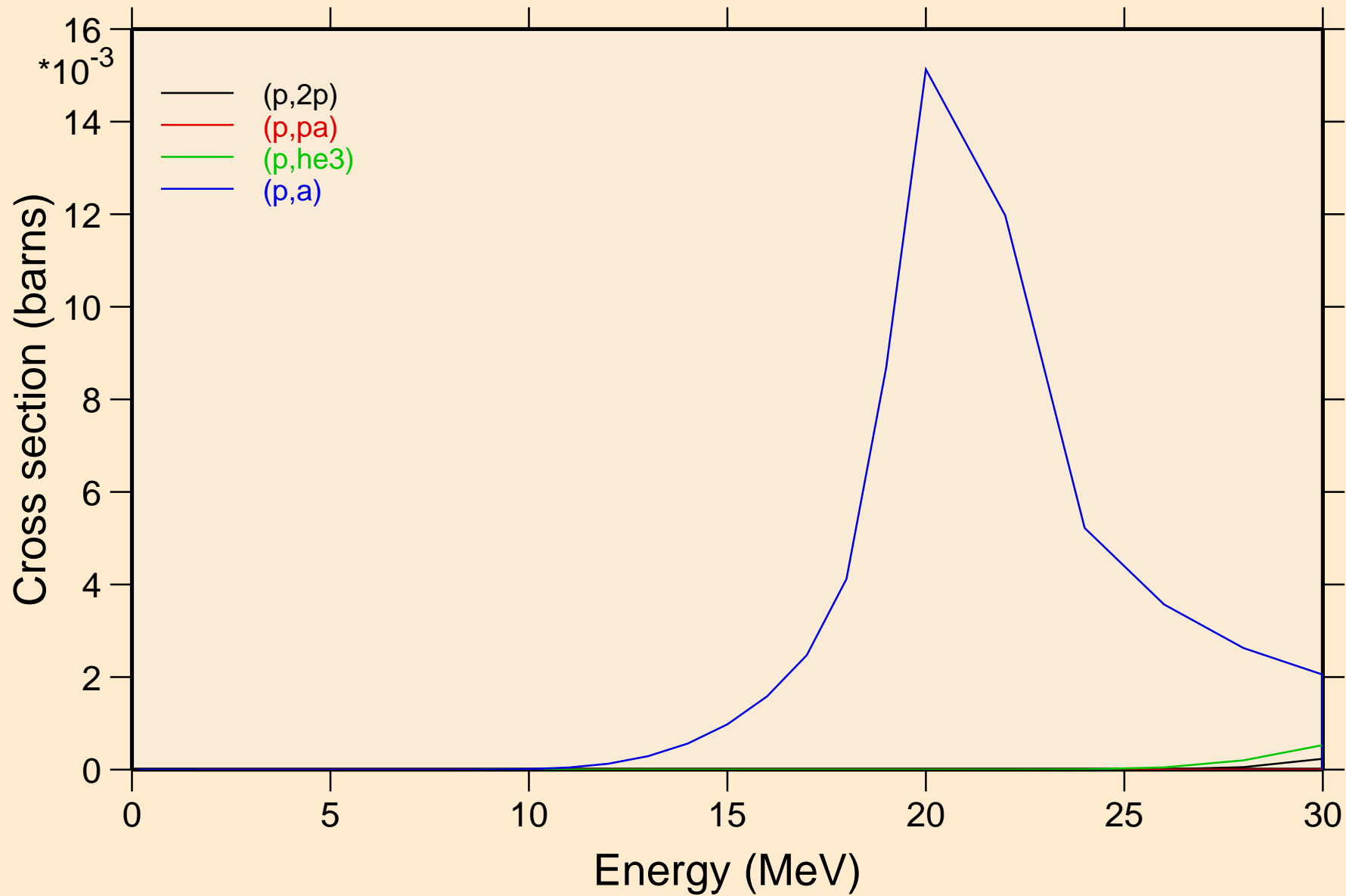
# SM156 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



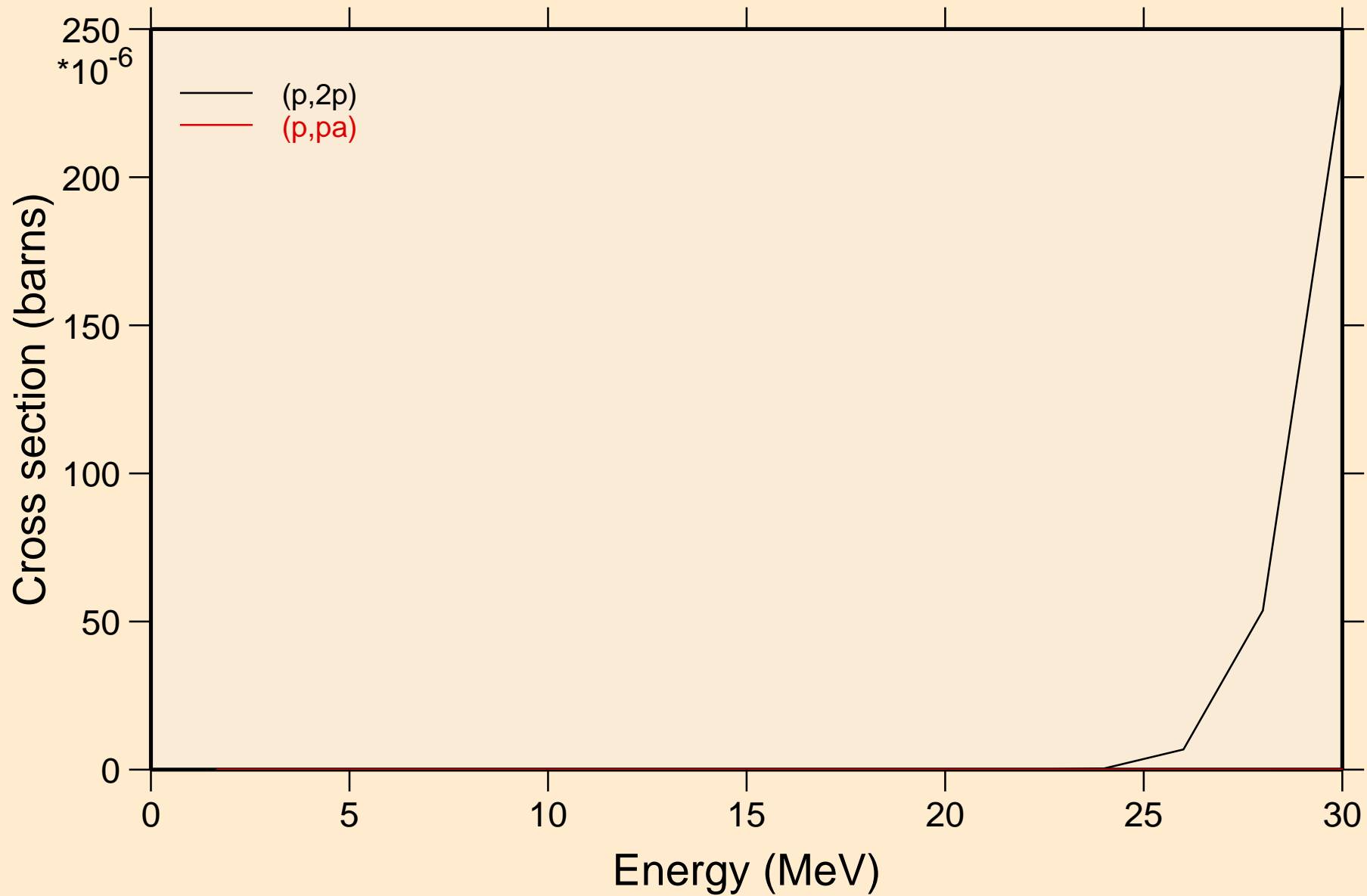
# SM156 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

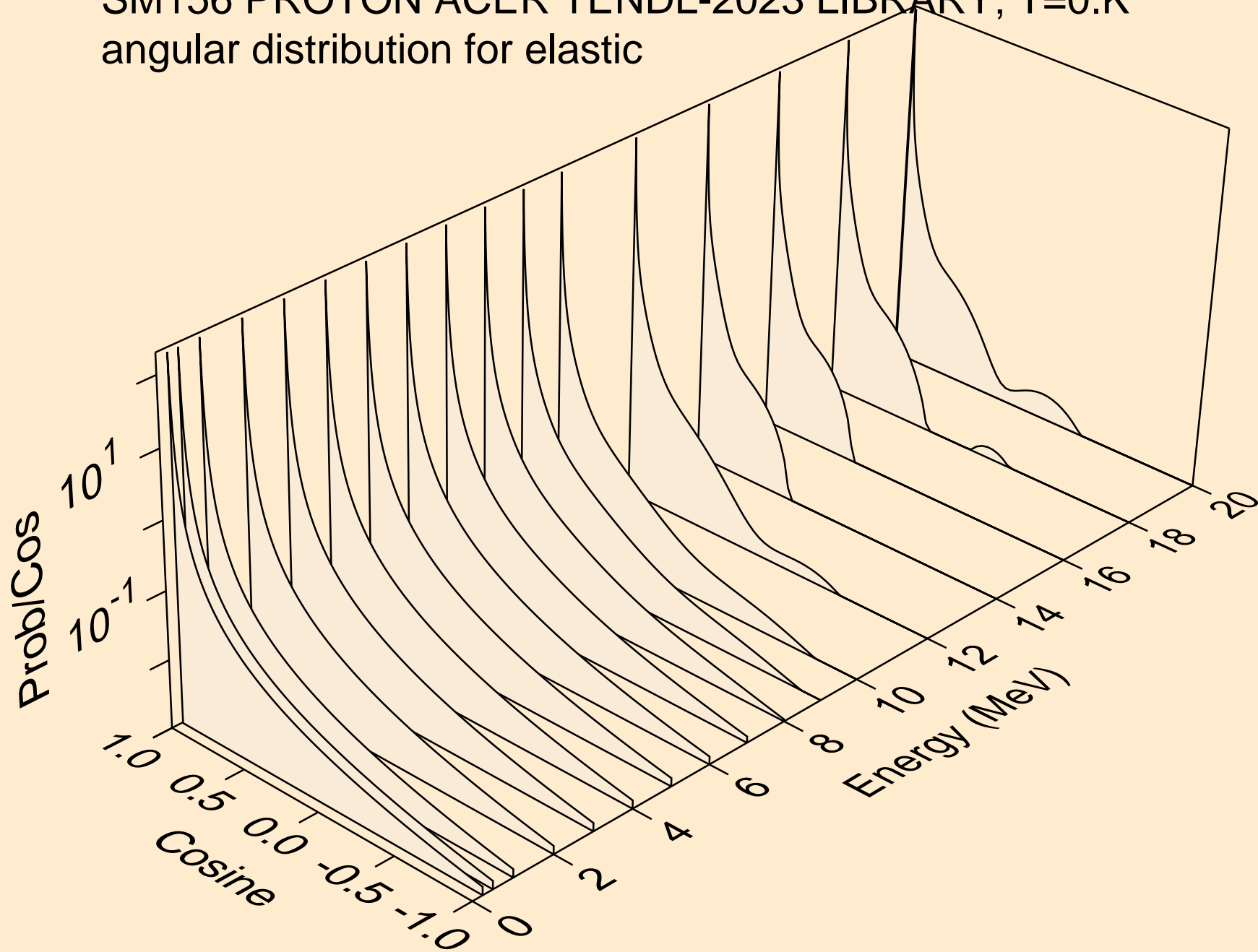




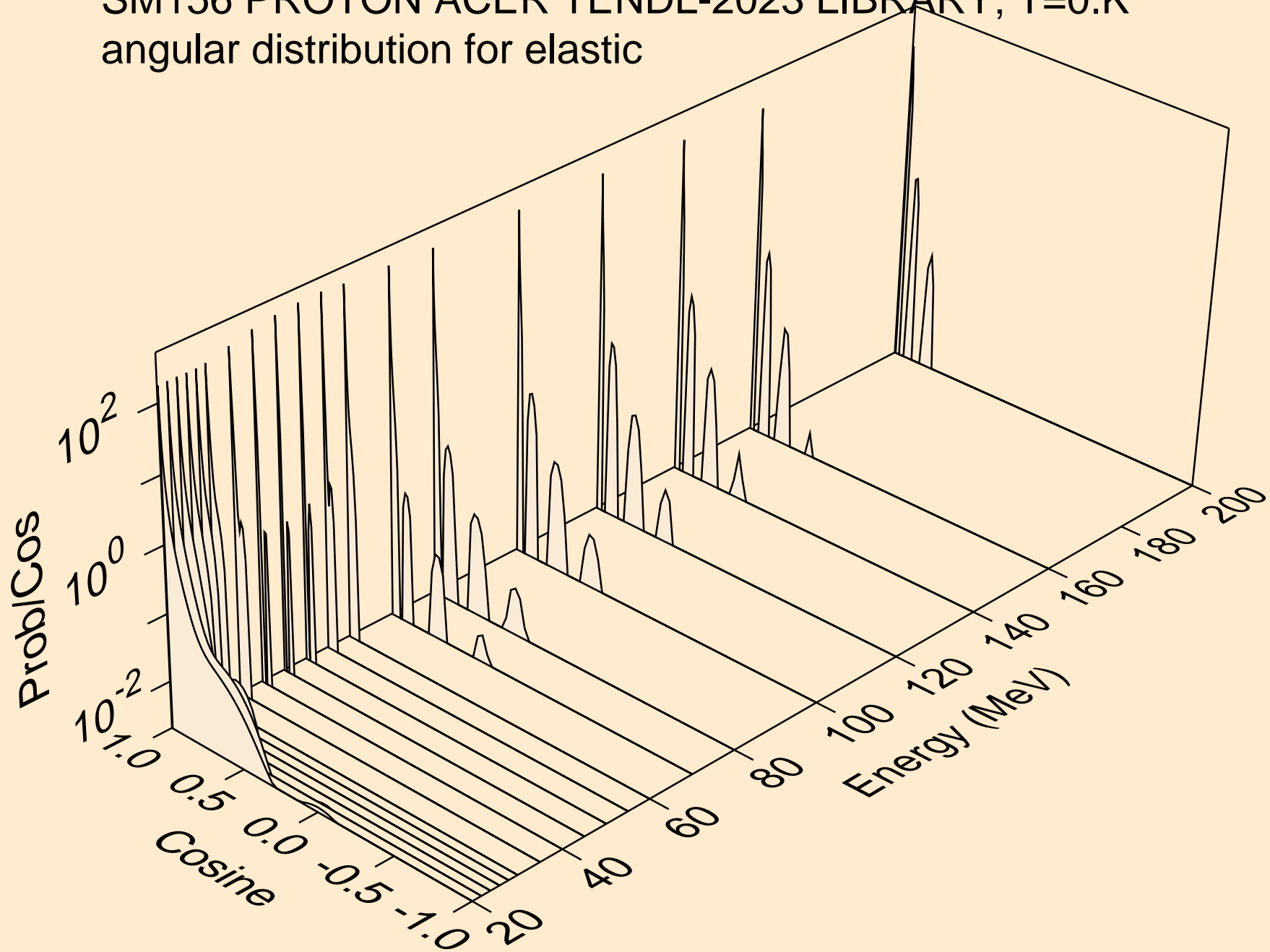
SM156 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



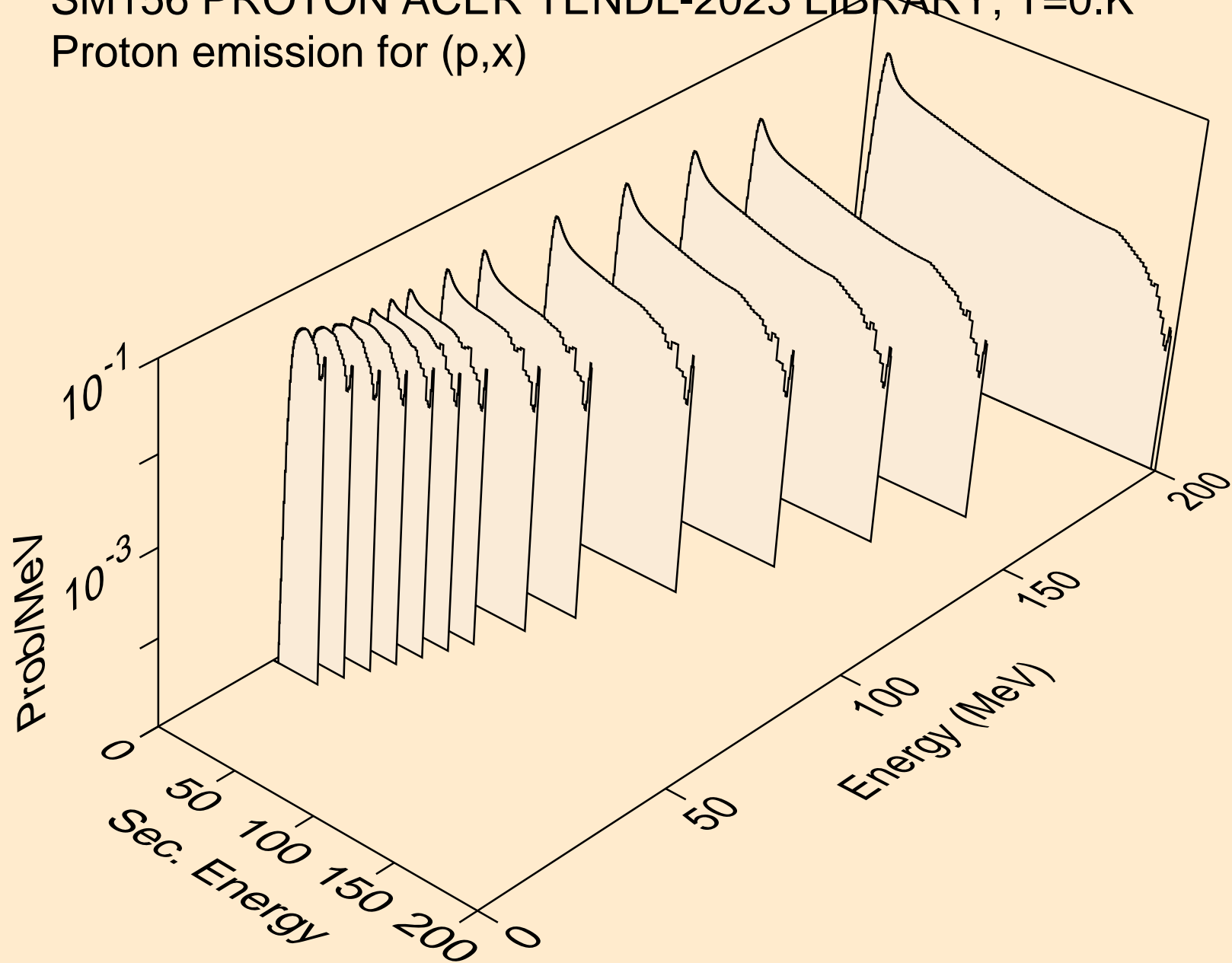
SM156 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



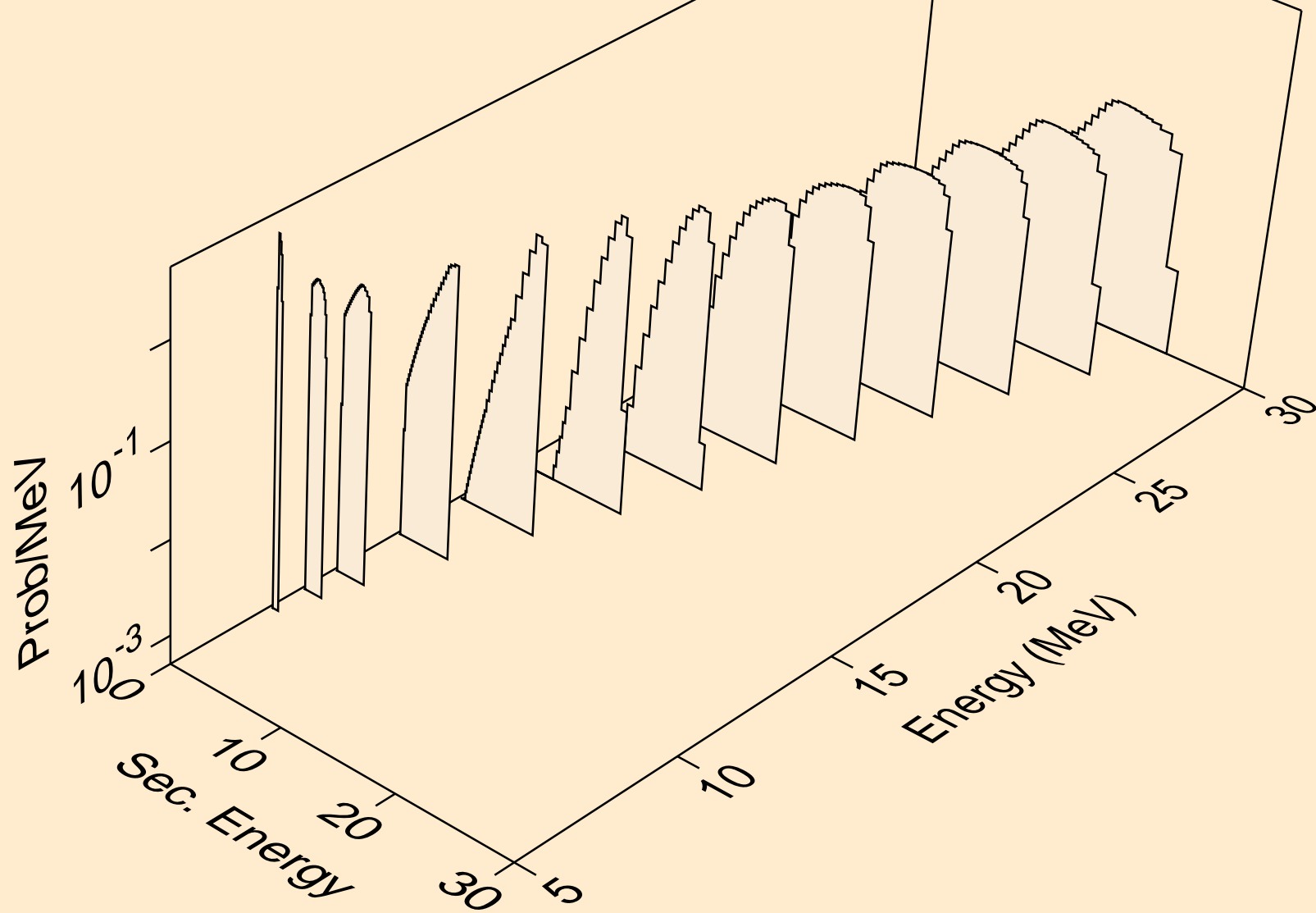
SM156 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



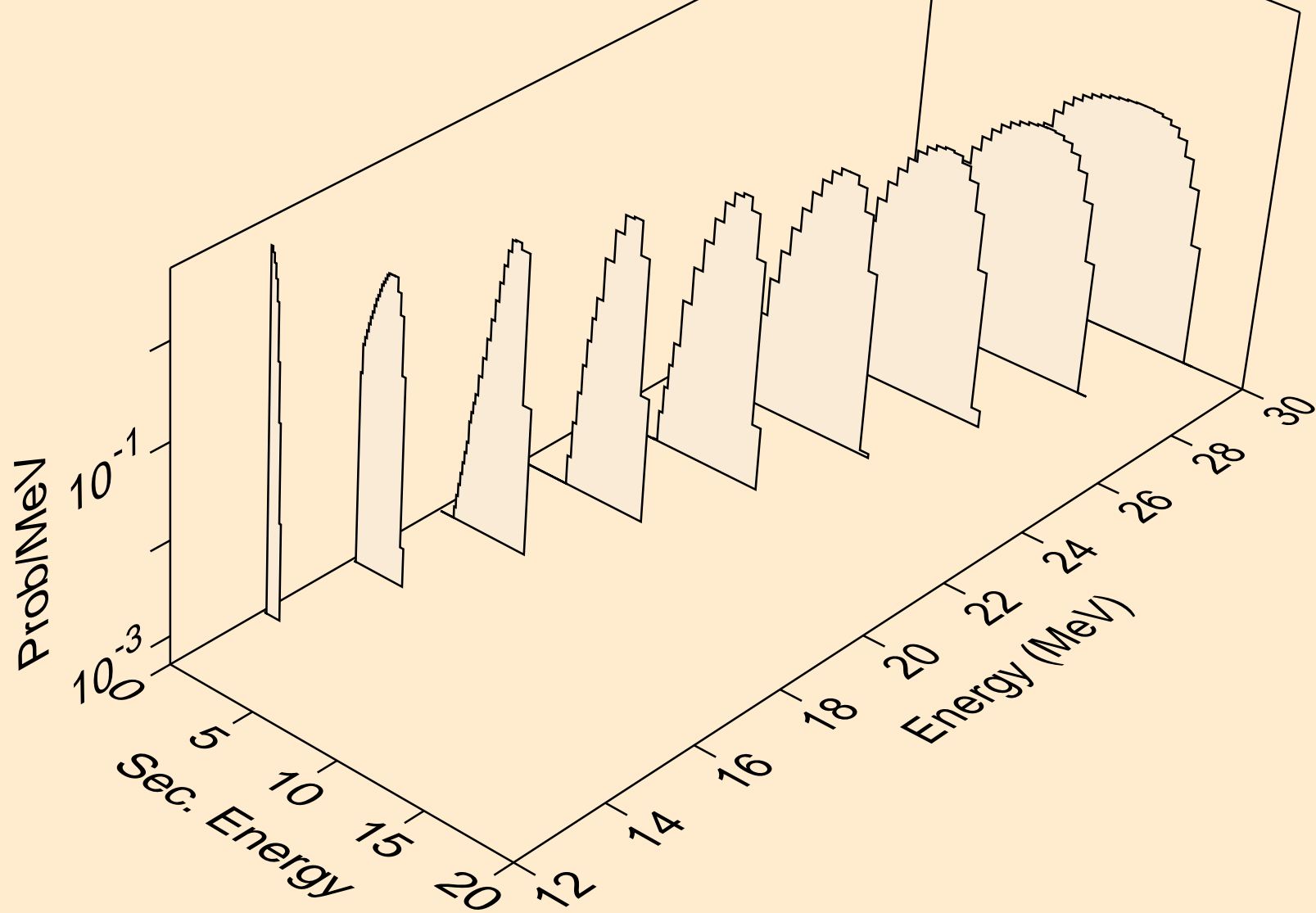
SM156 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



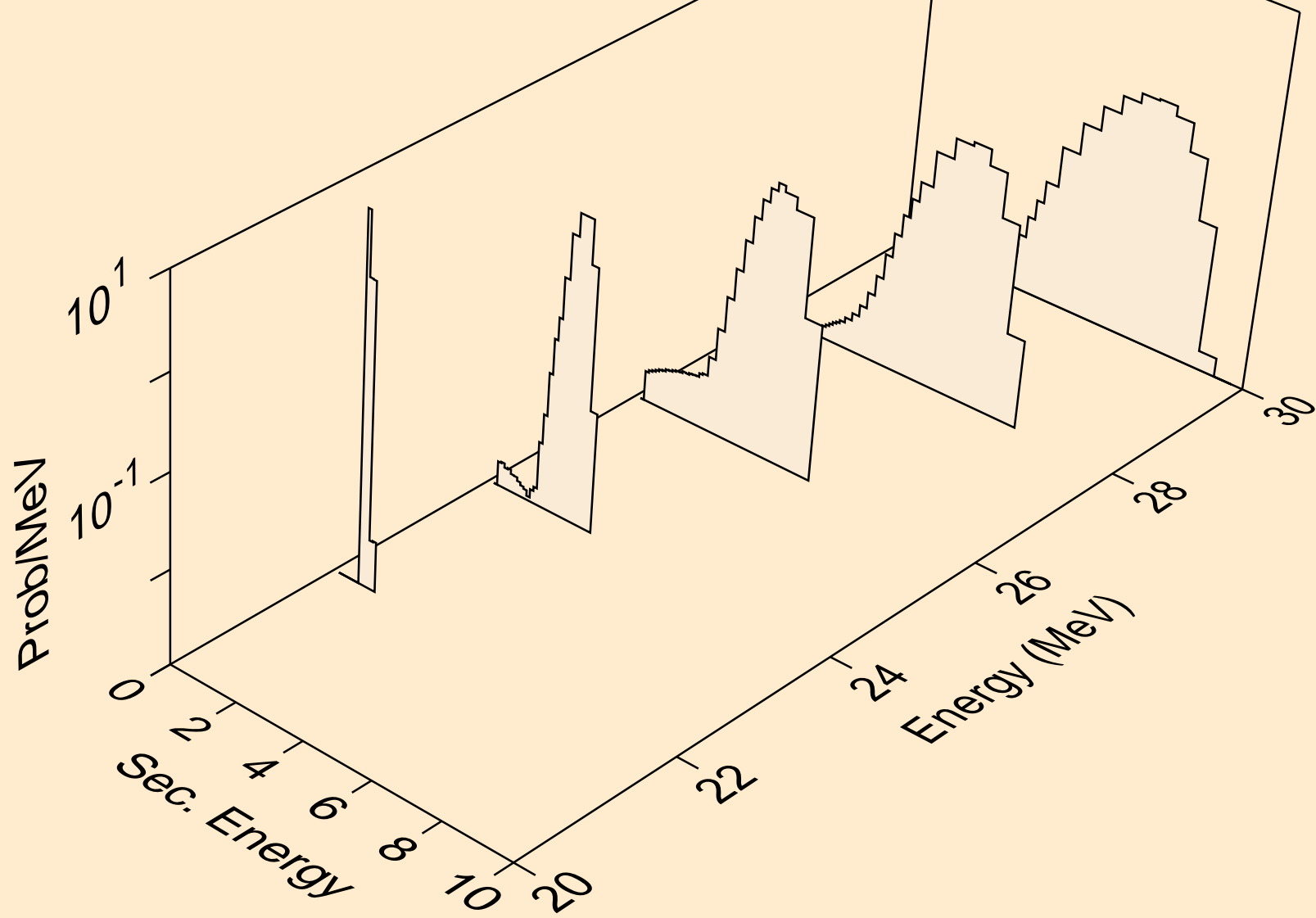
SM156 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



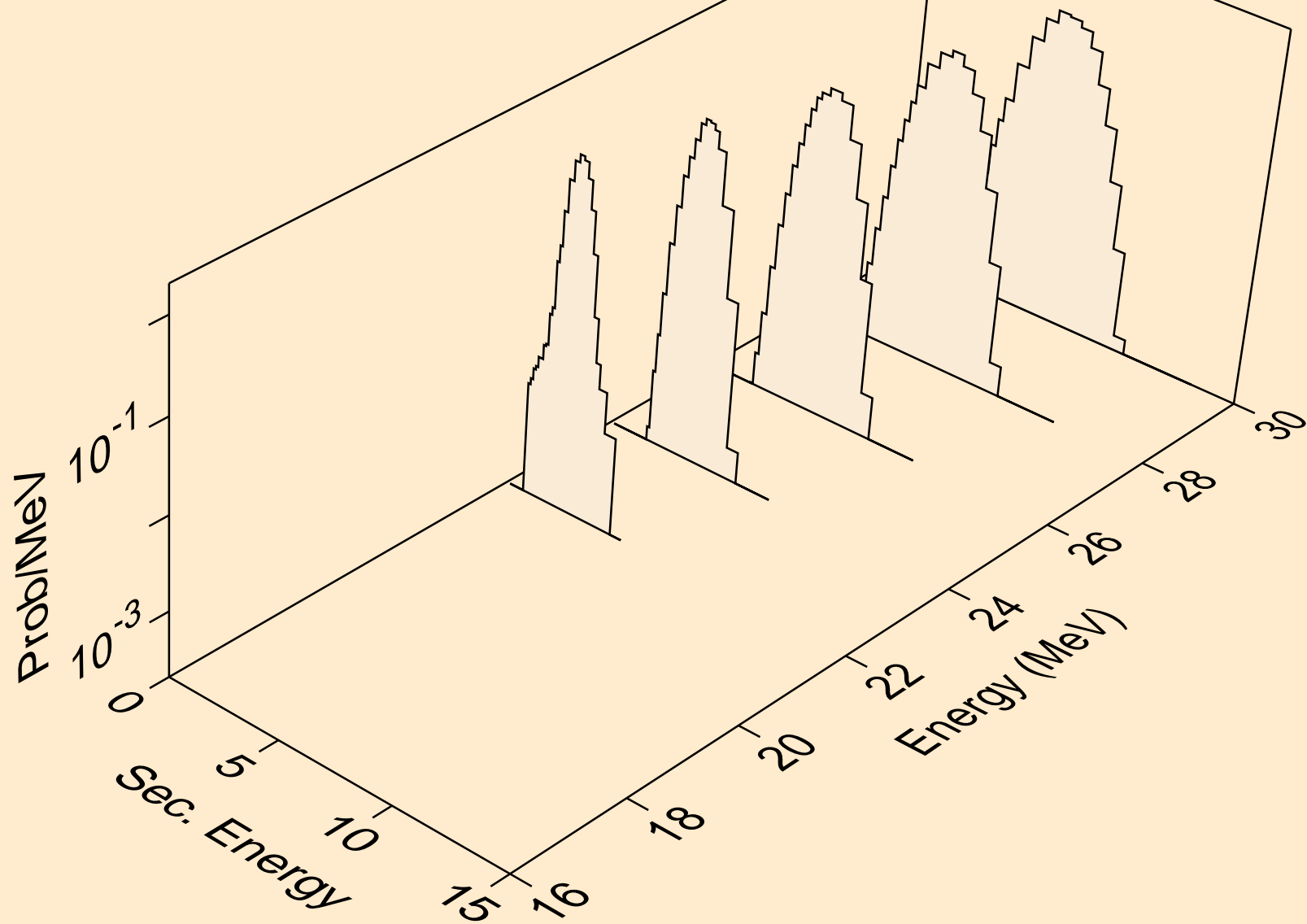
SM156 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



SM156 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,3np)

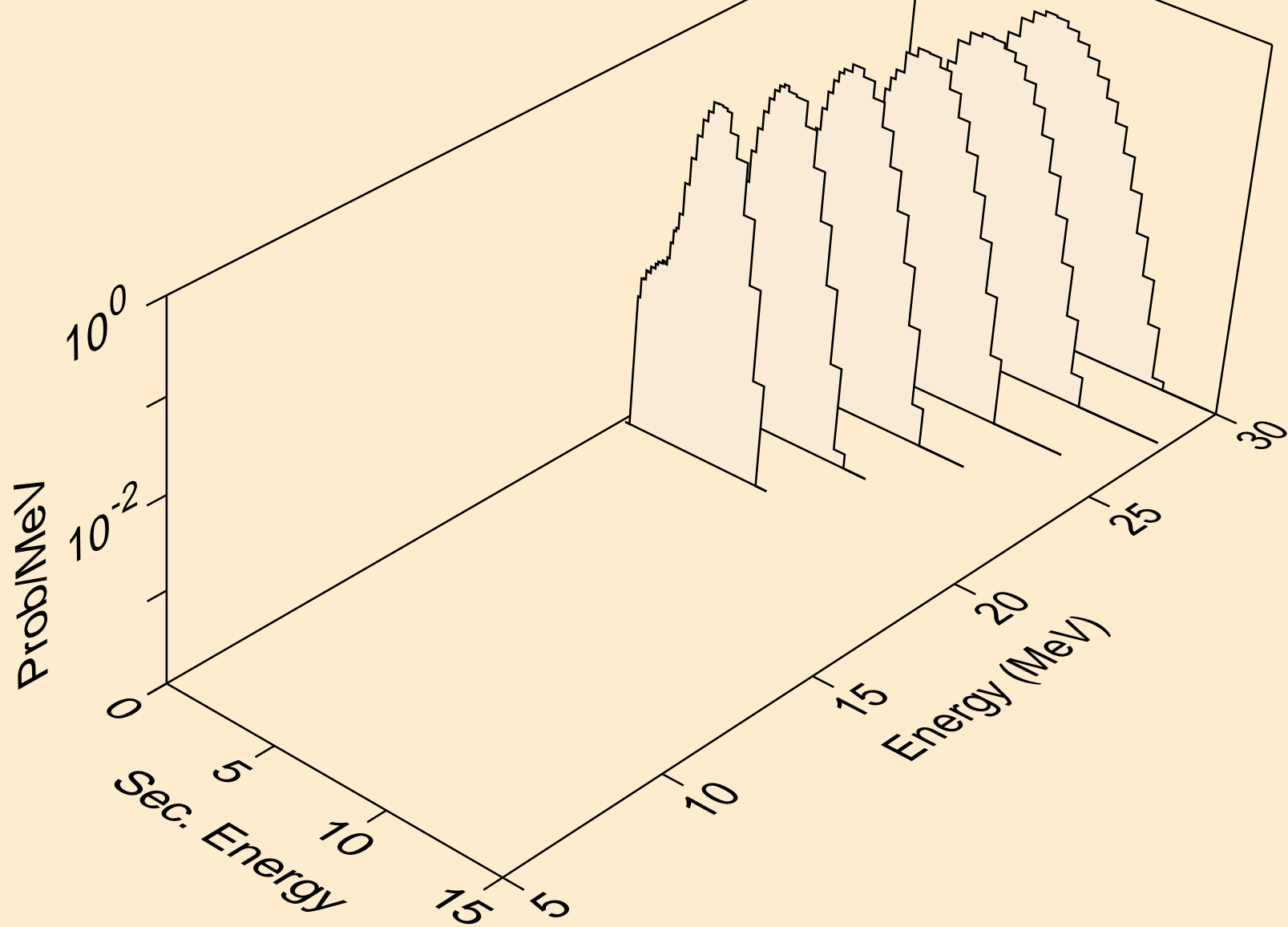


SM156 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)

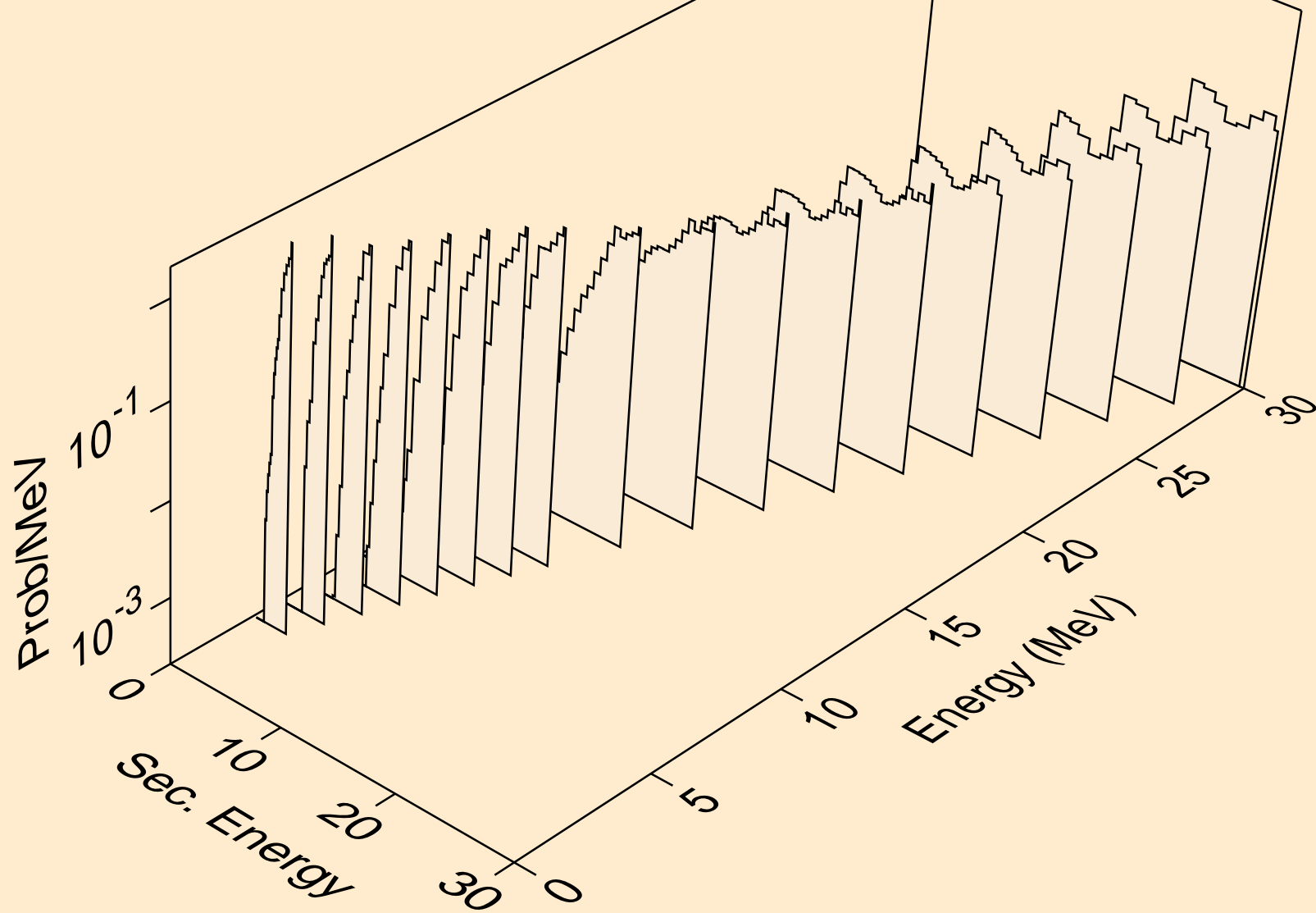




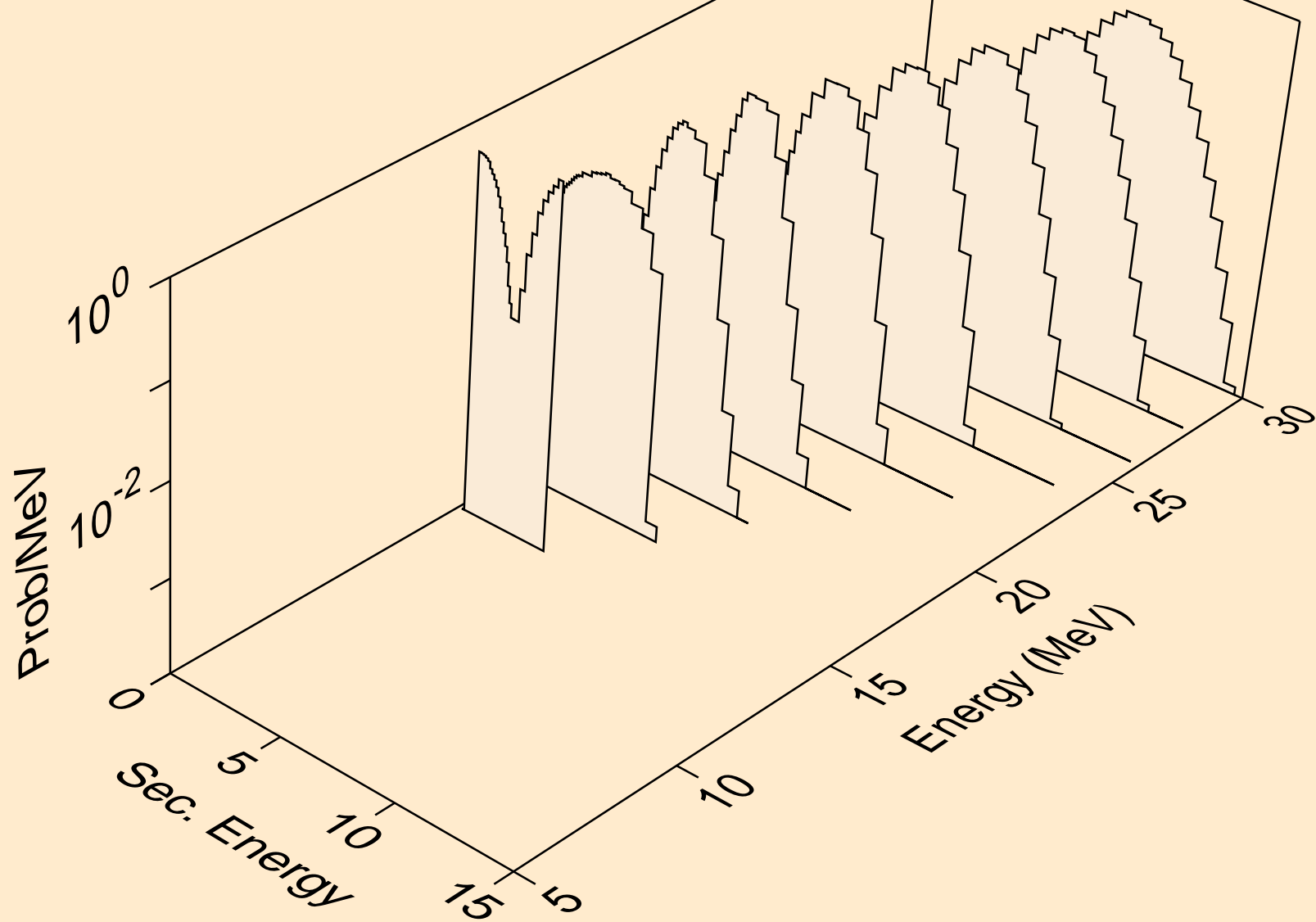
SM156 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,npa)



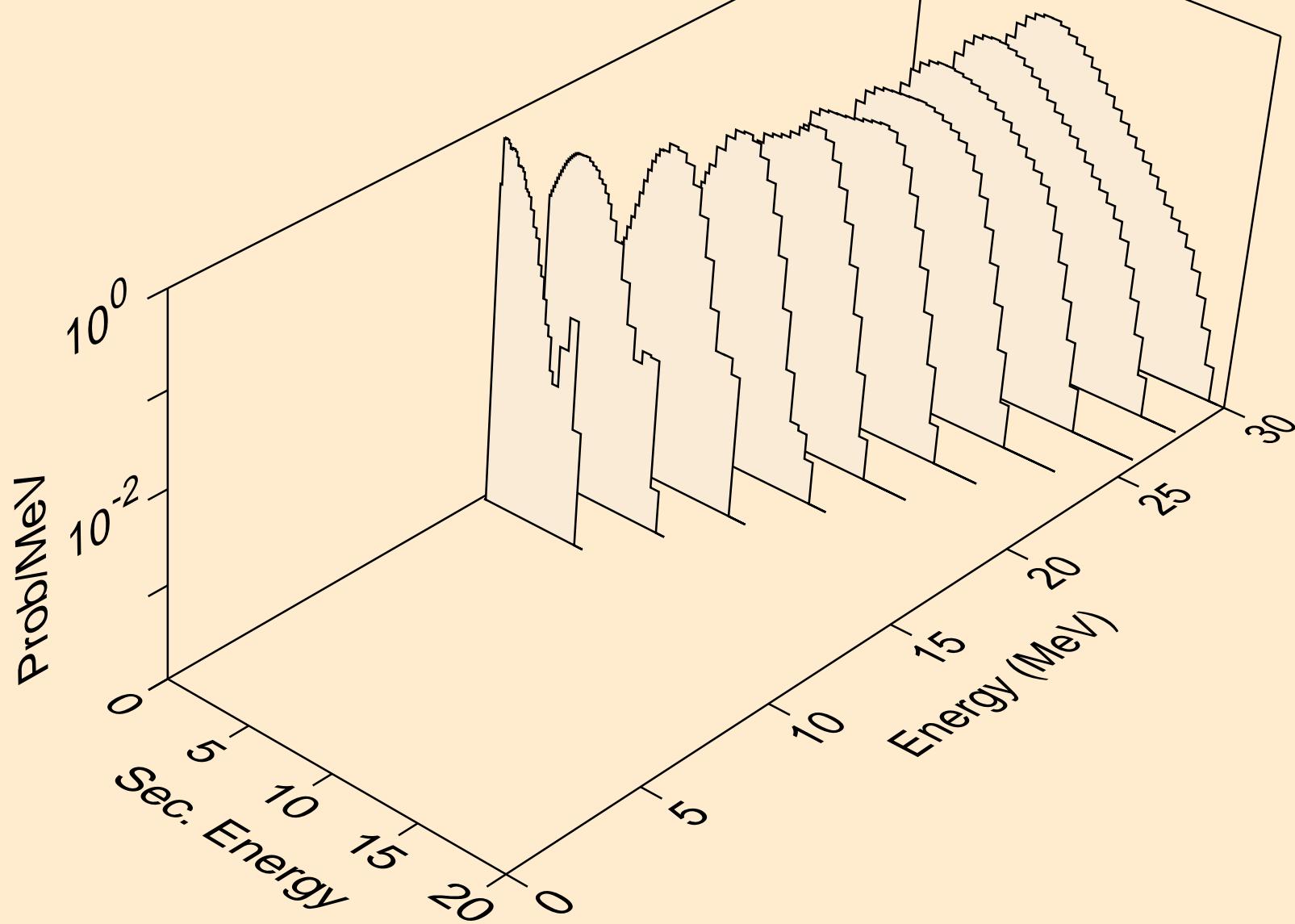
SM156 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic



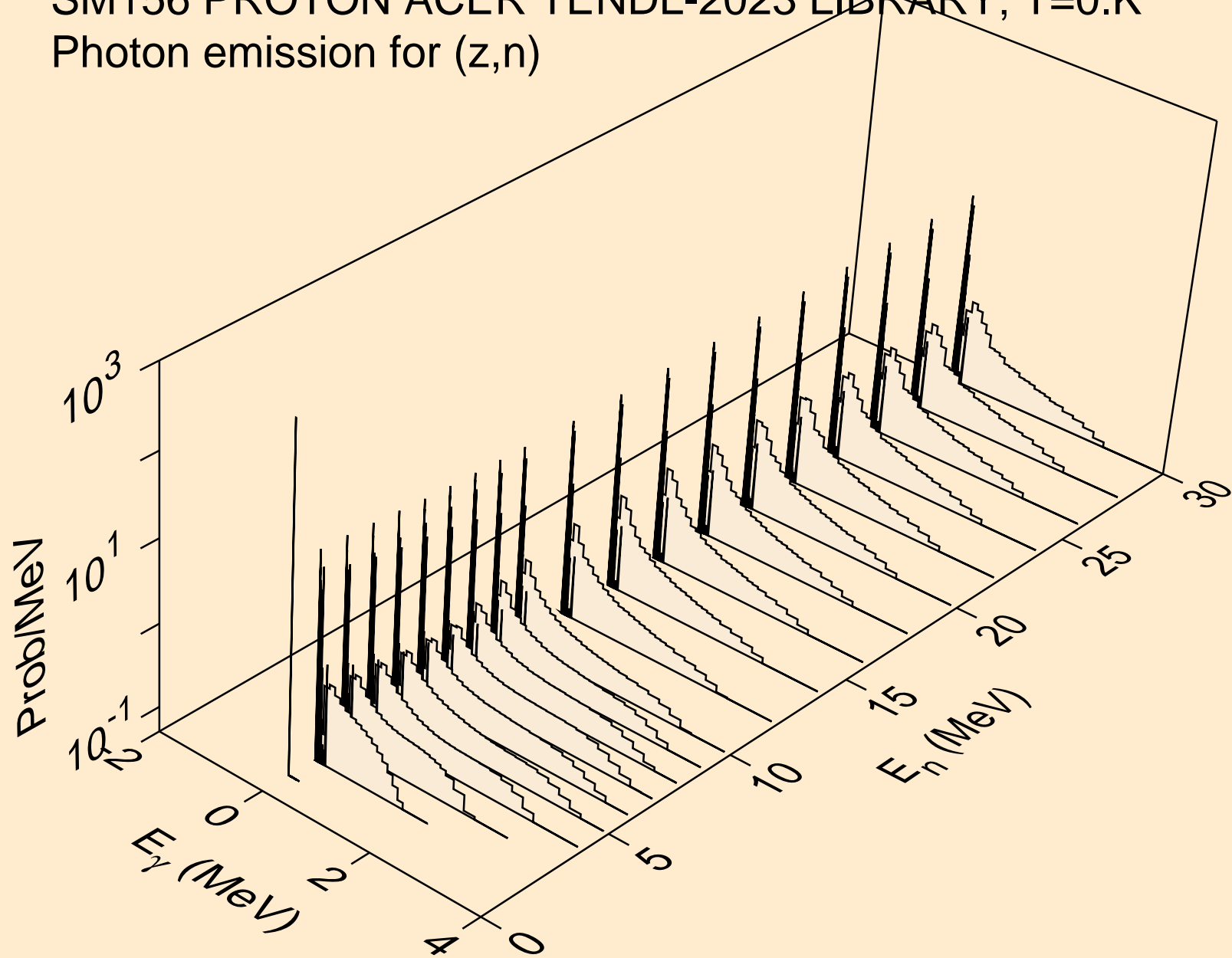
SM156 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)



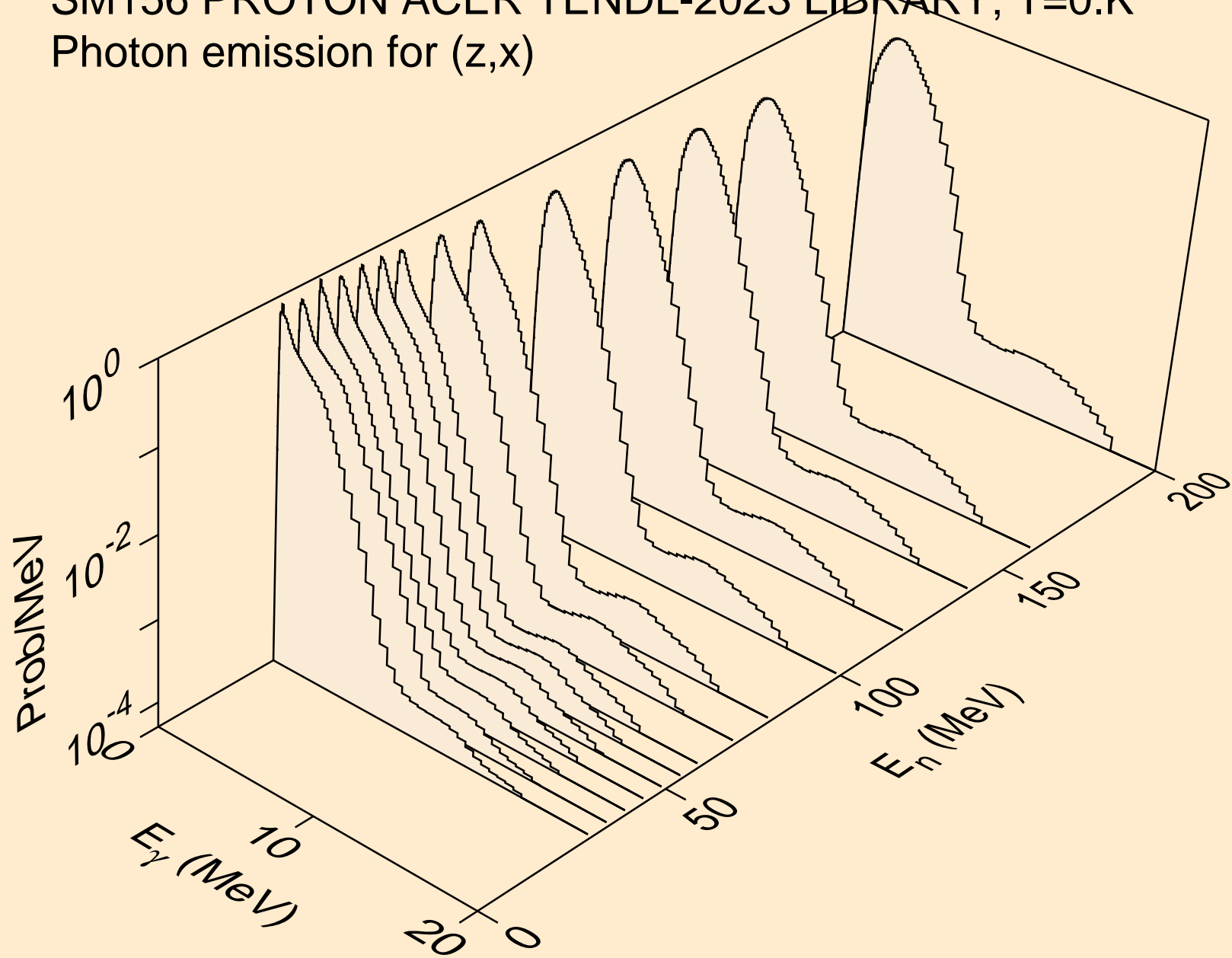
SM156 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pa)



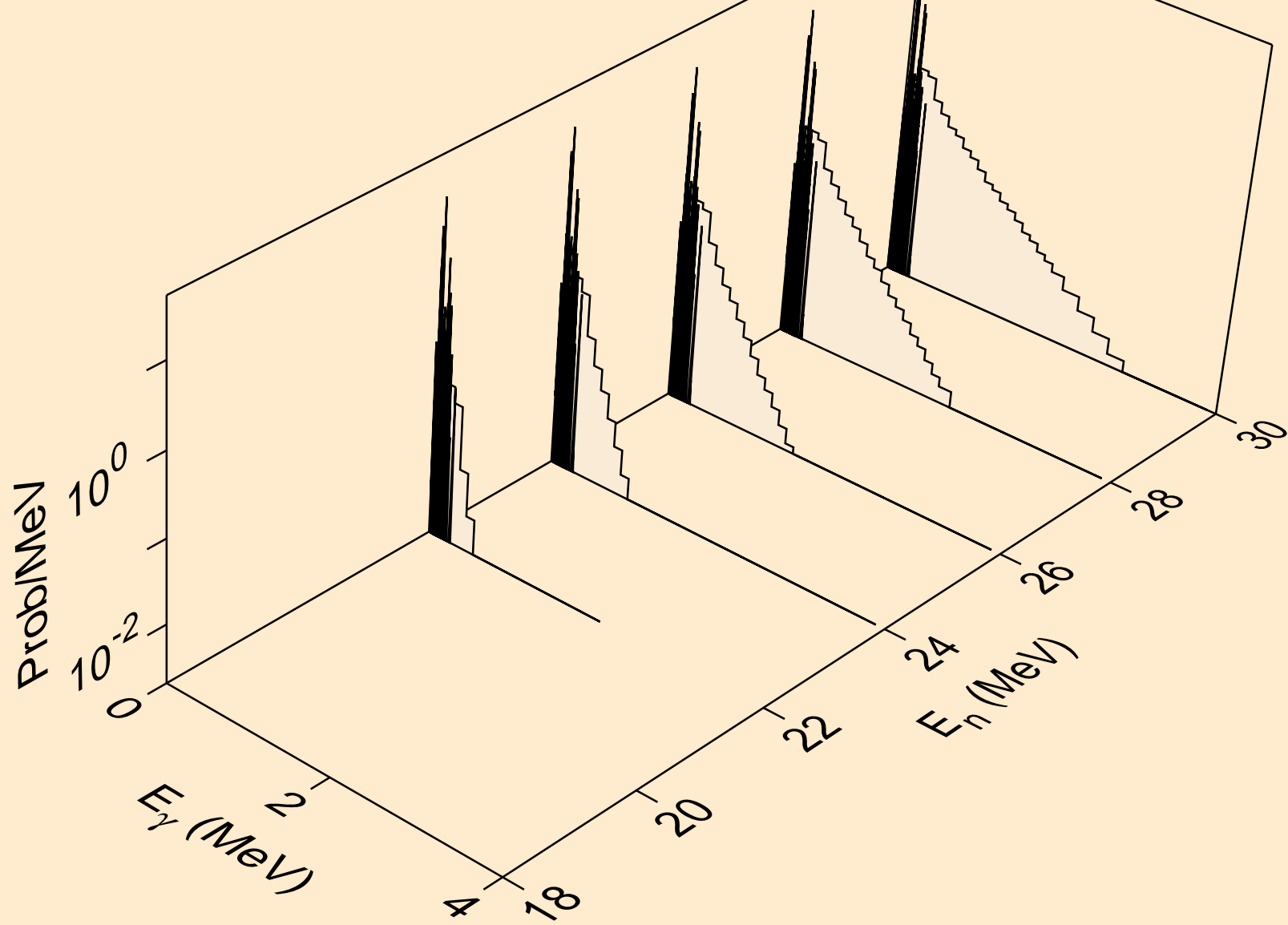
SM156 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



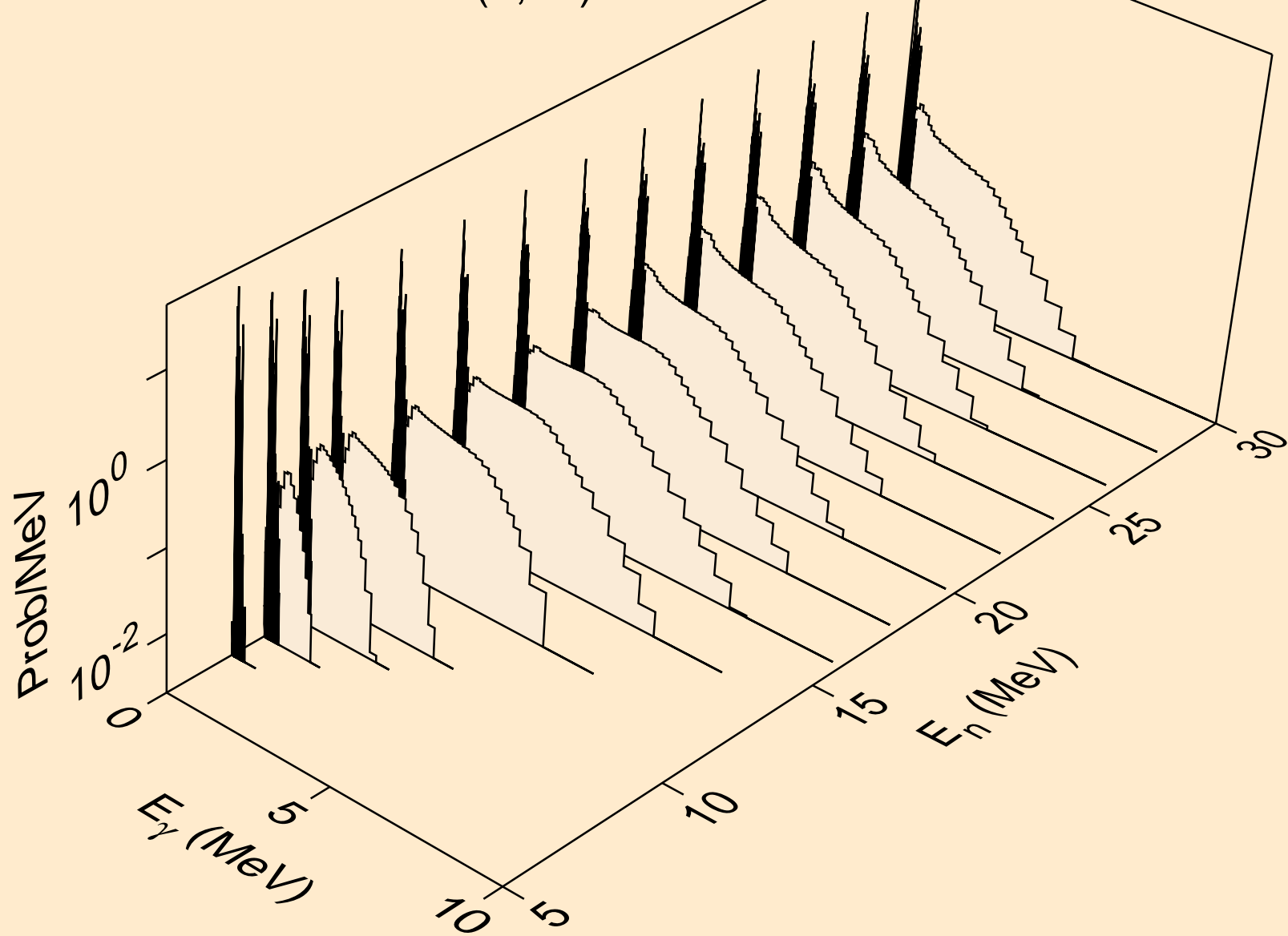
SM156 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



SM156 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)

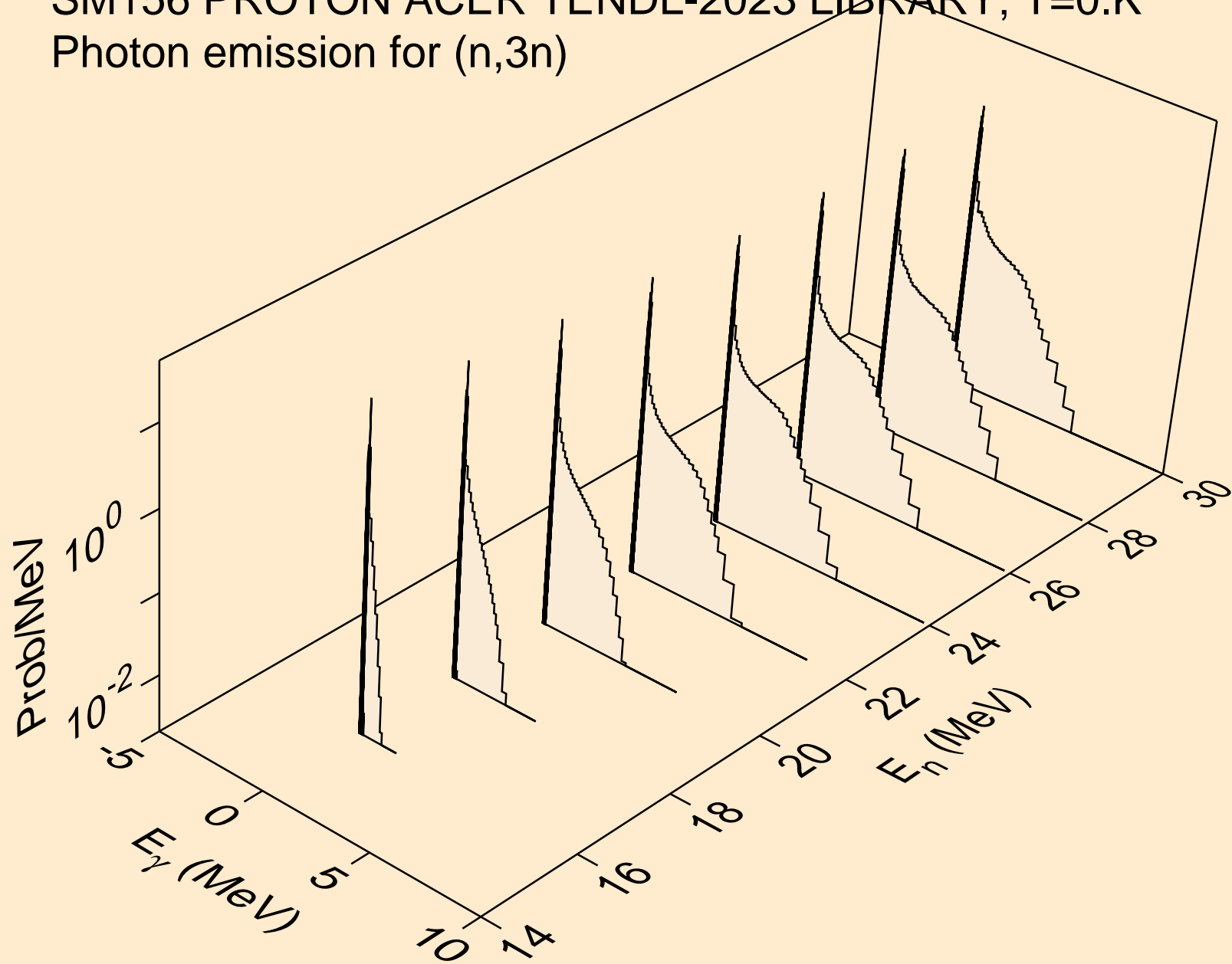


SM156 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

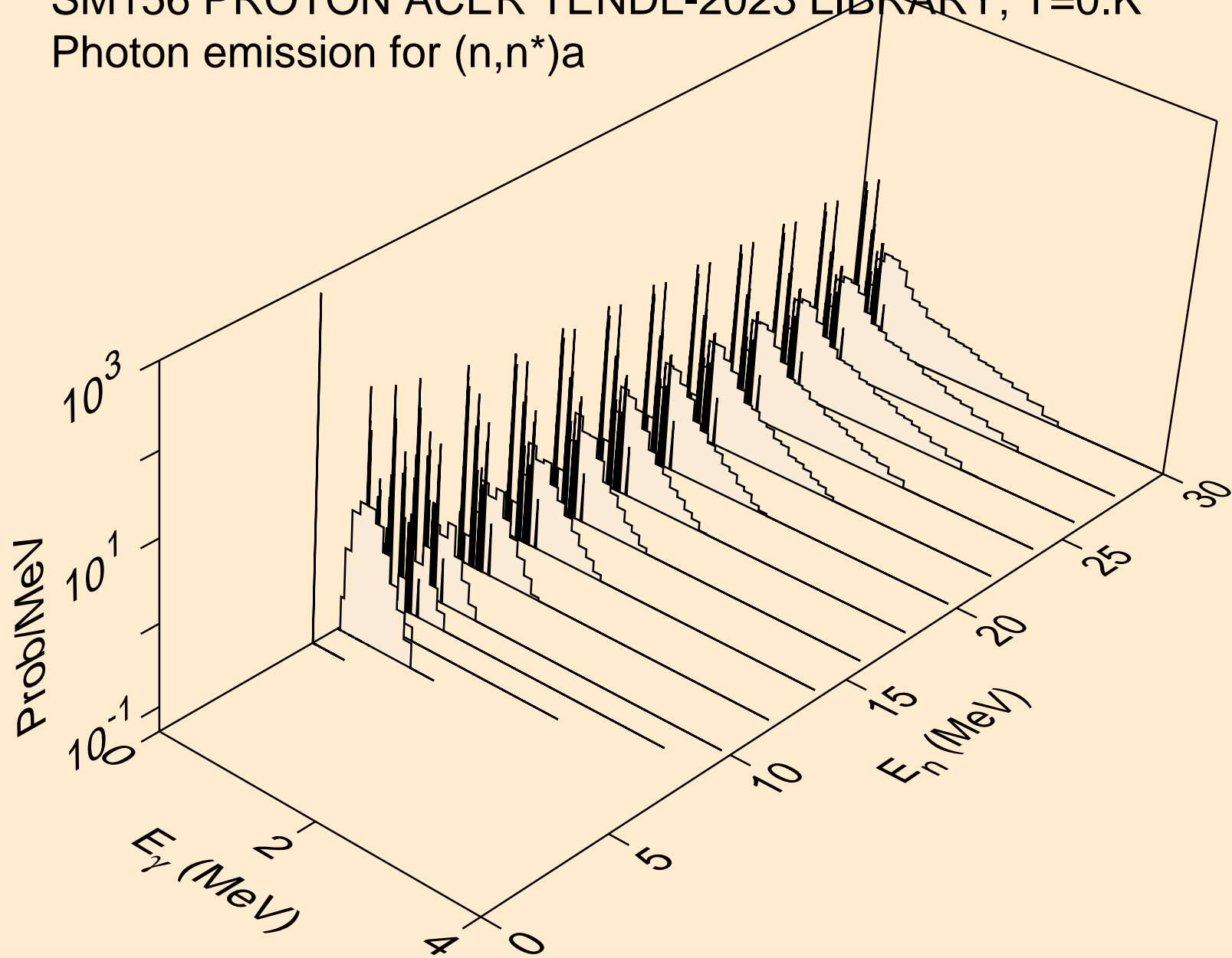




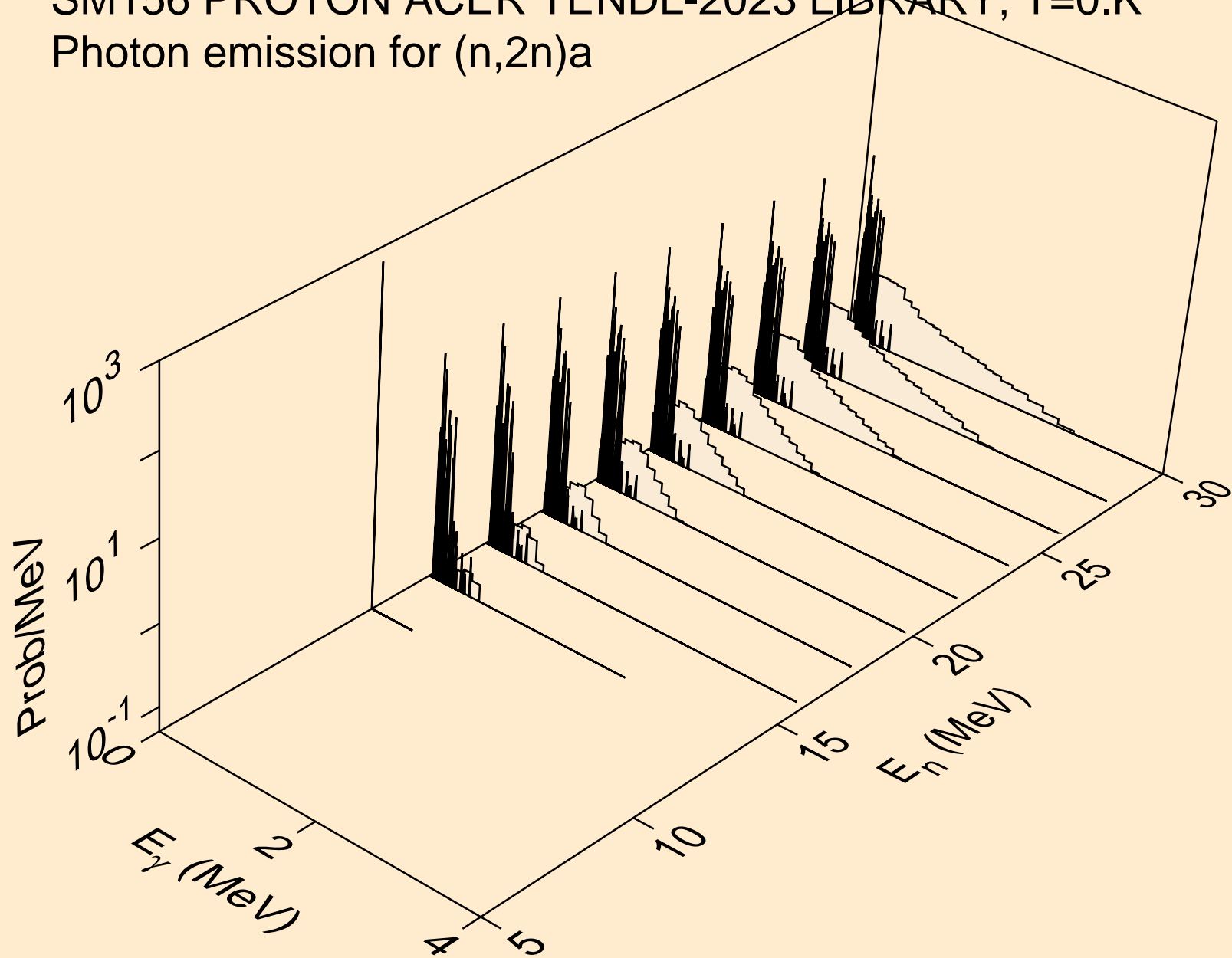
SM156 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



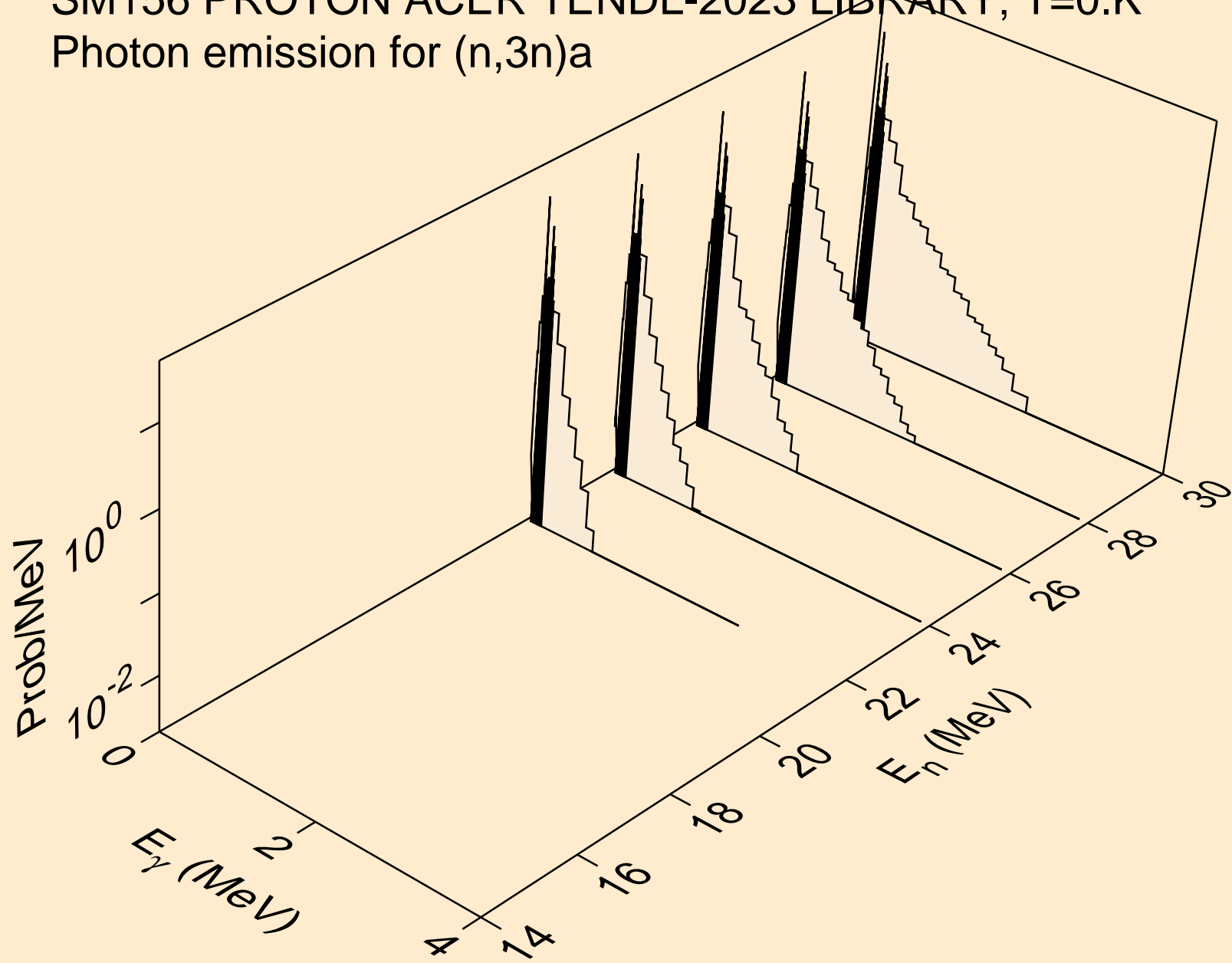
SM156 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



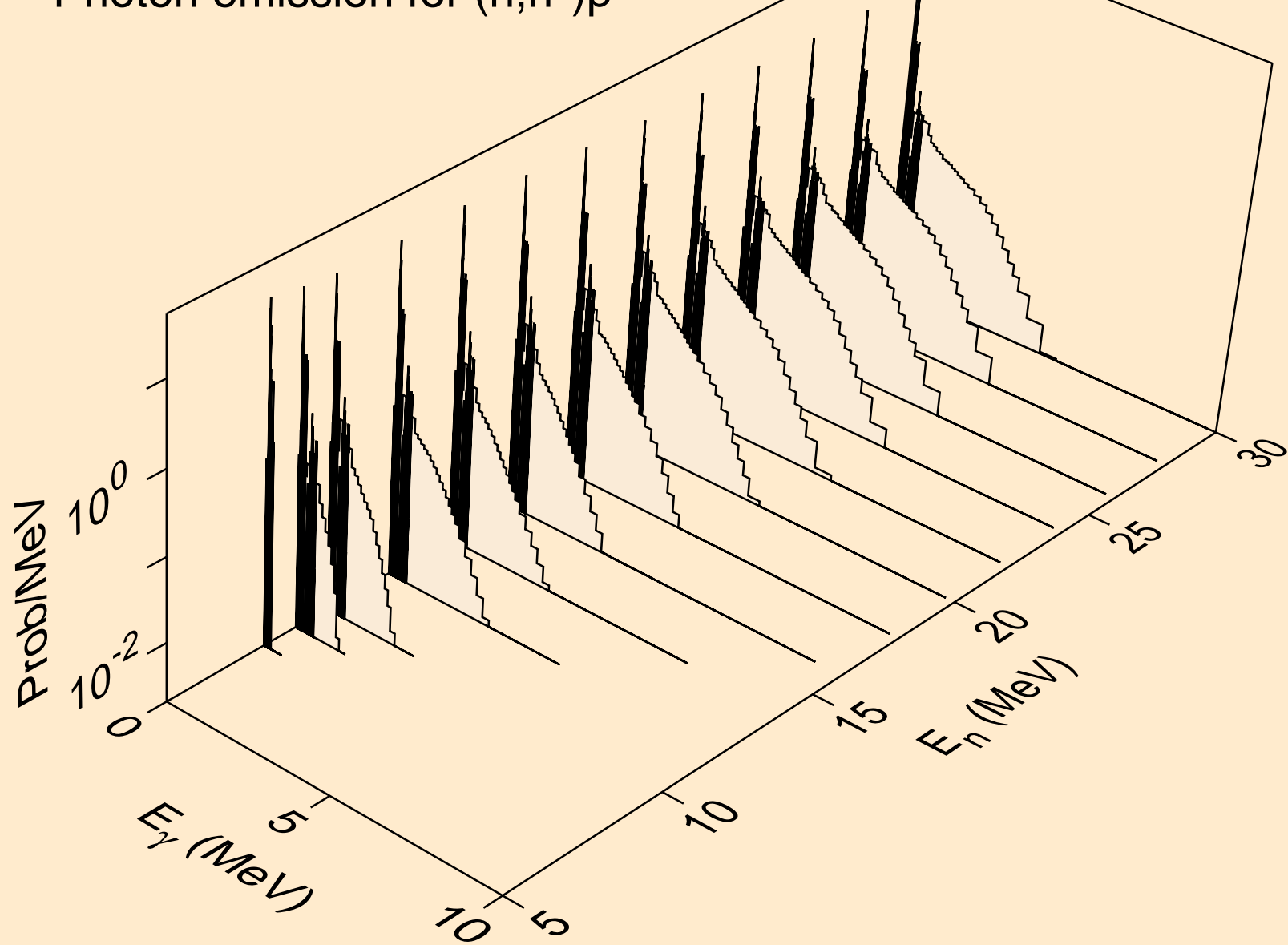
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Photon emission for (n,2n)a



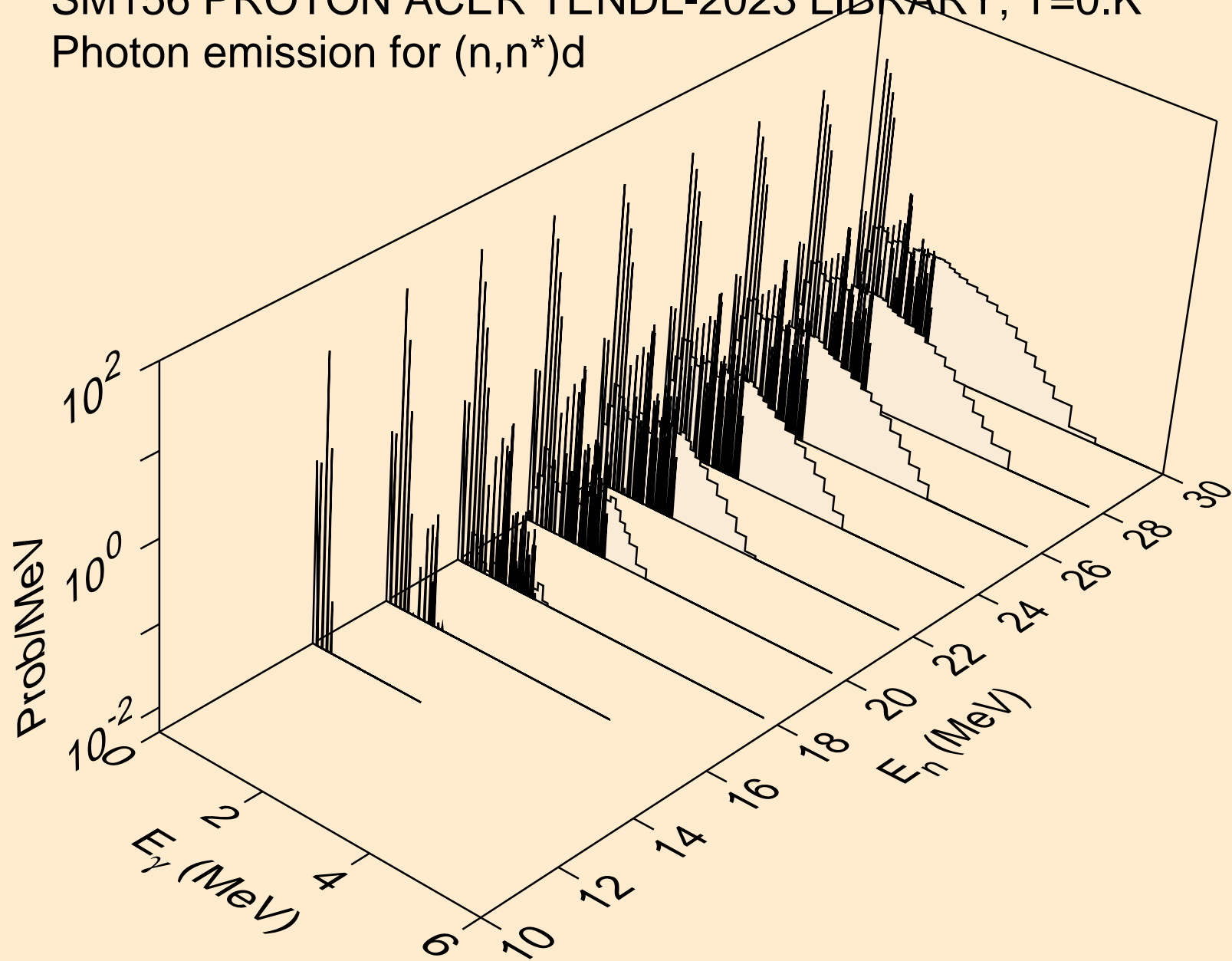
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Photon emission for (n,3n)a



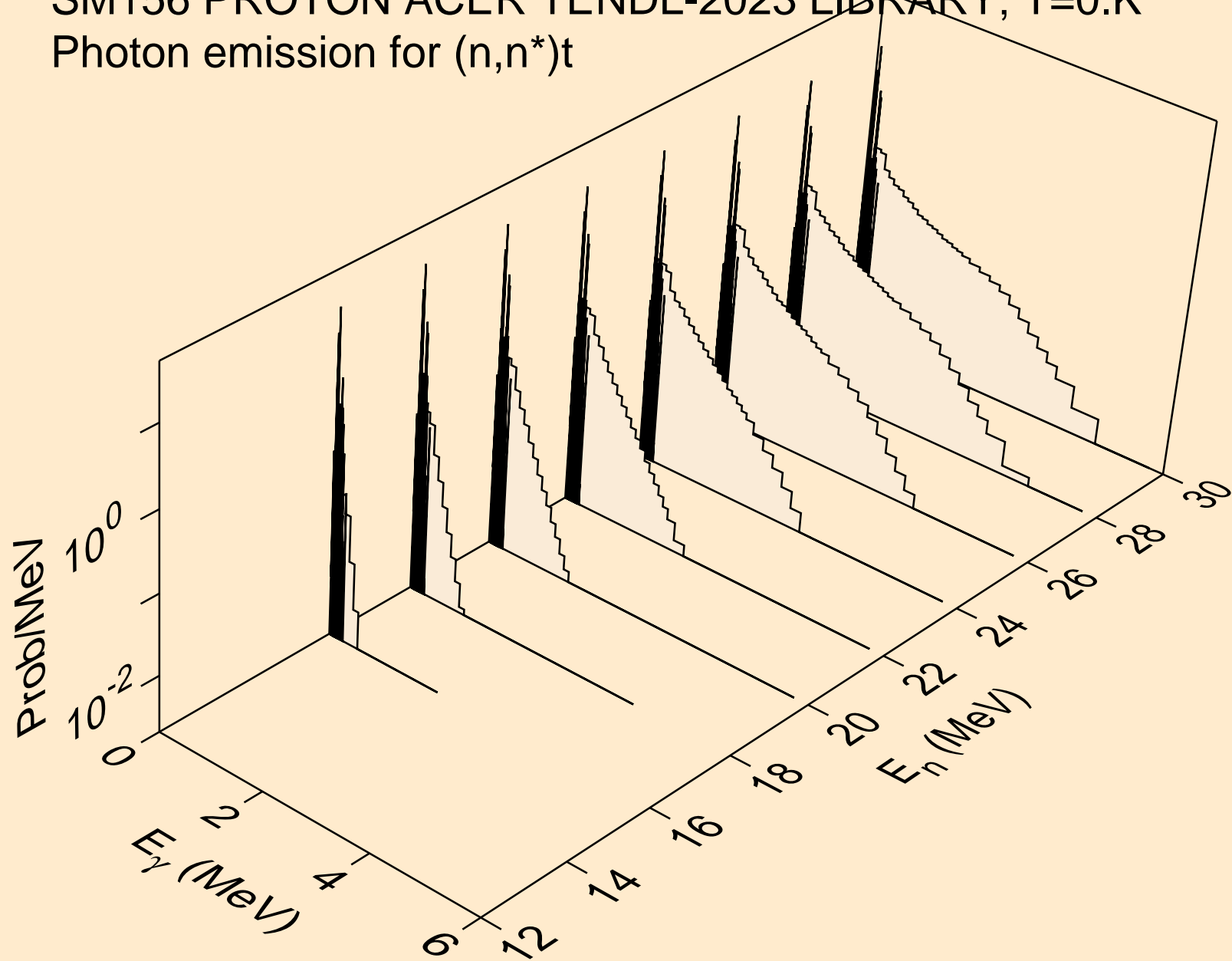
SM156 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



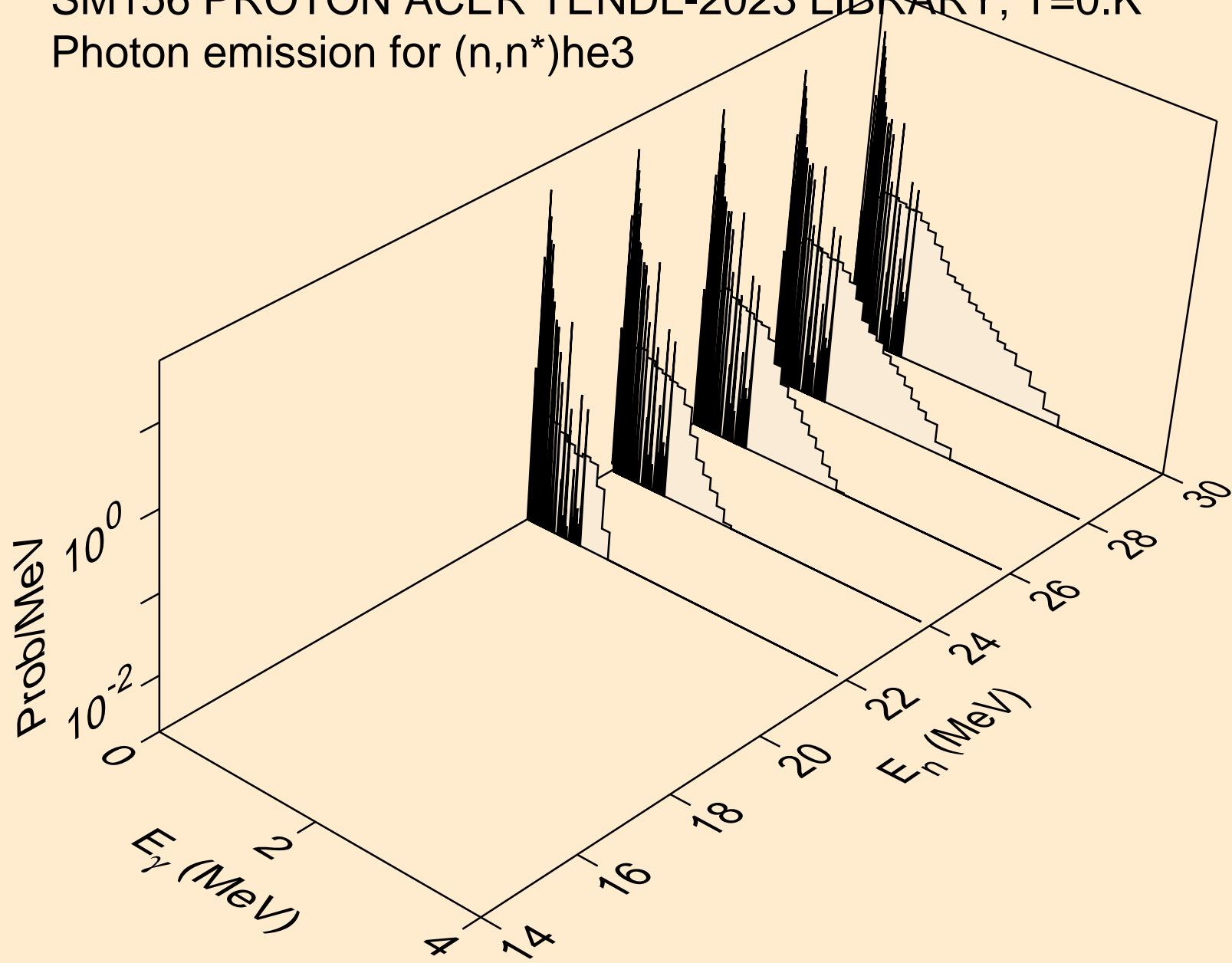
SM156 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



SM156 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

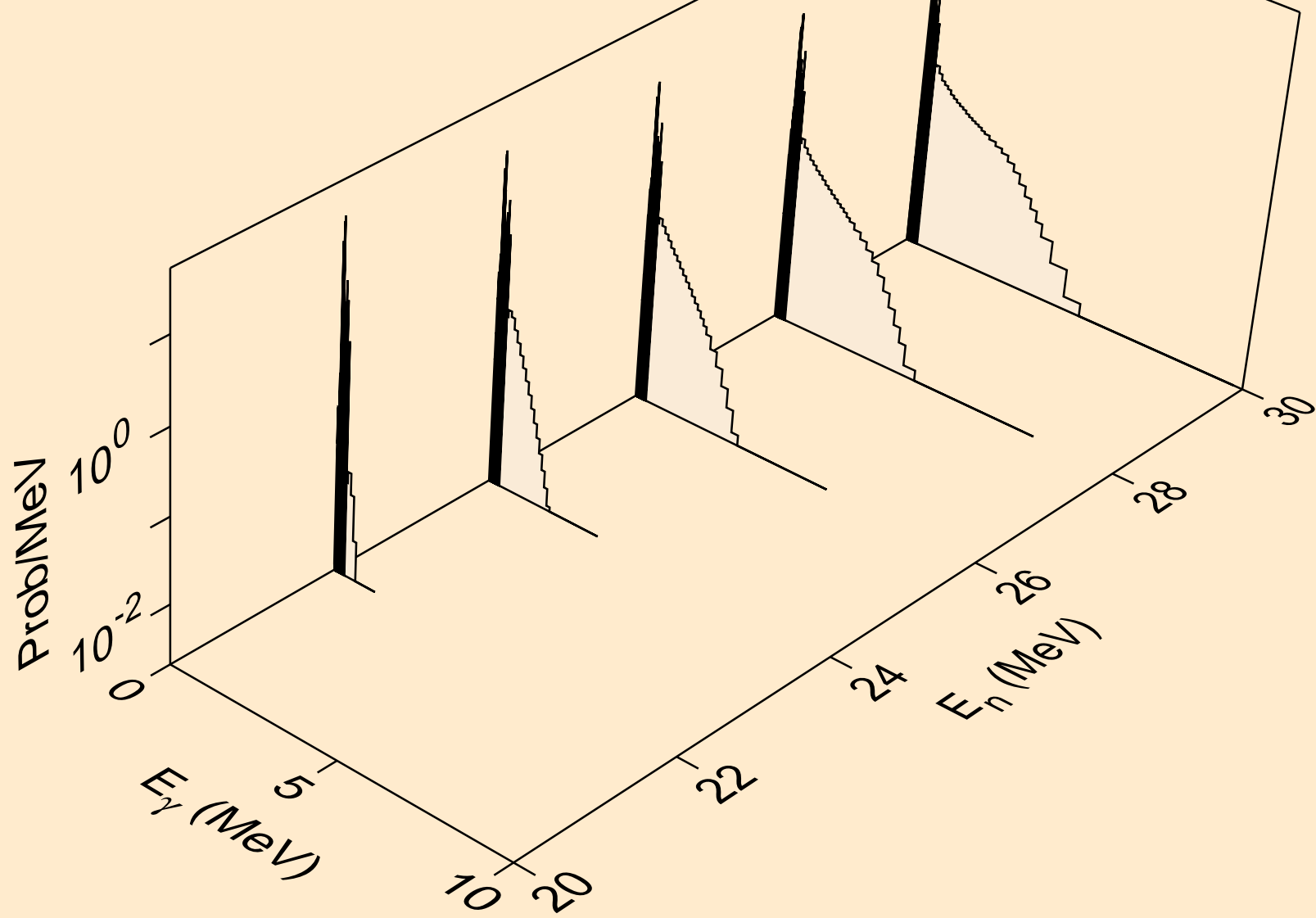


SM156 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

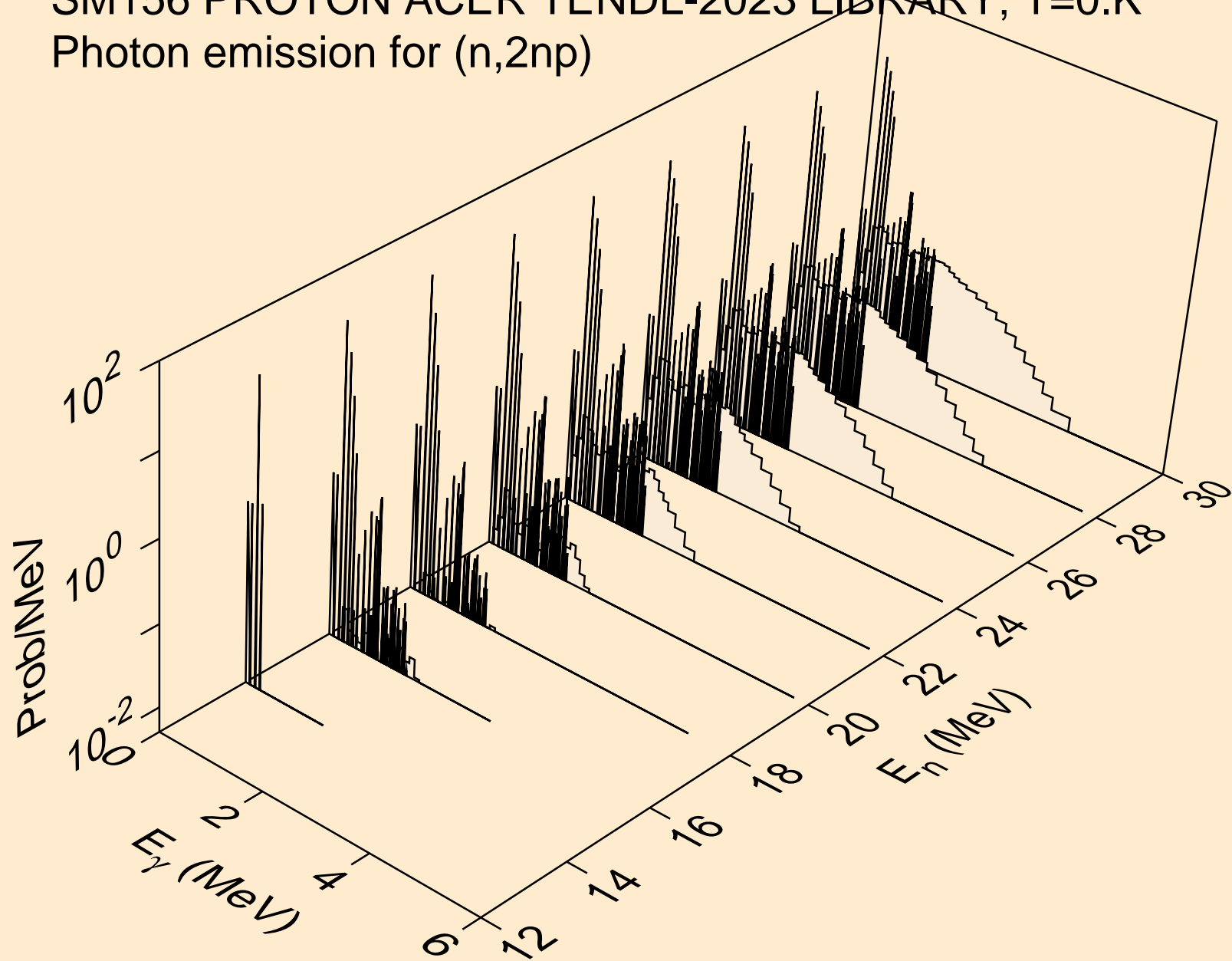




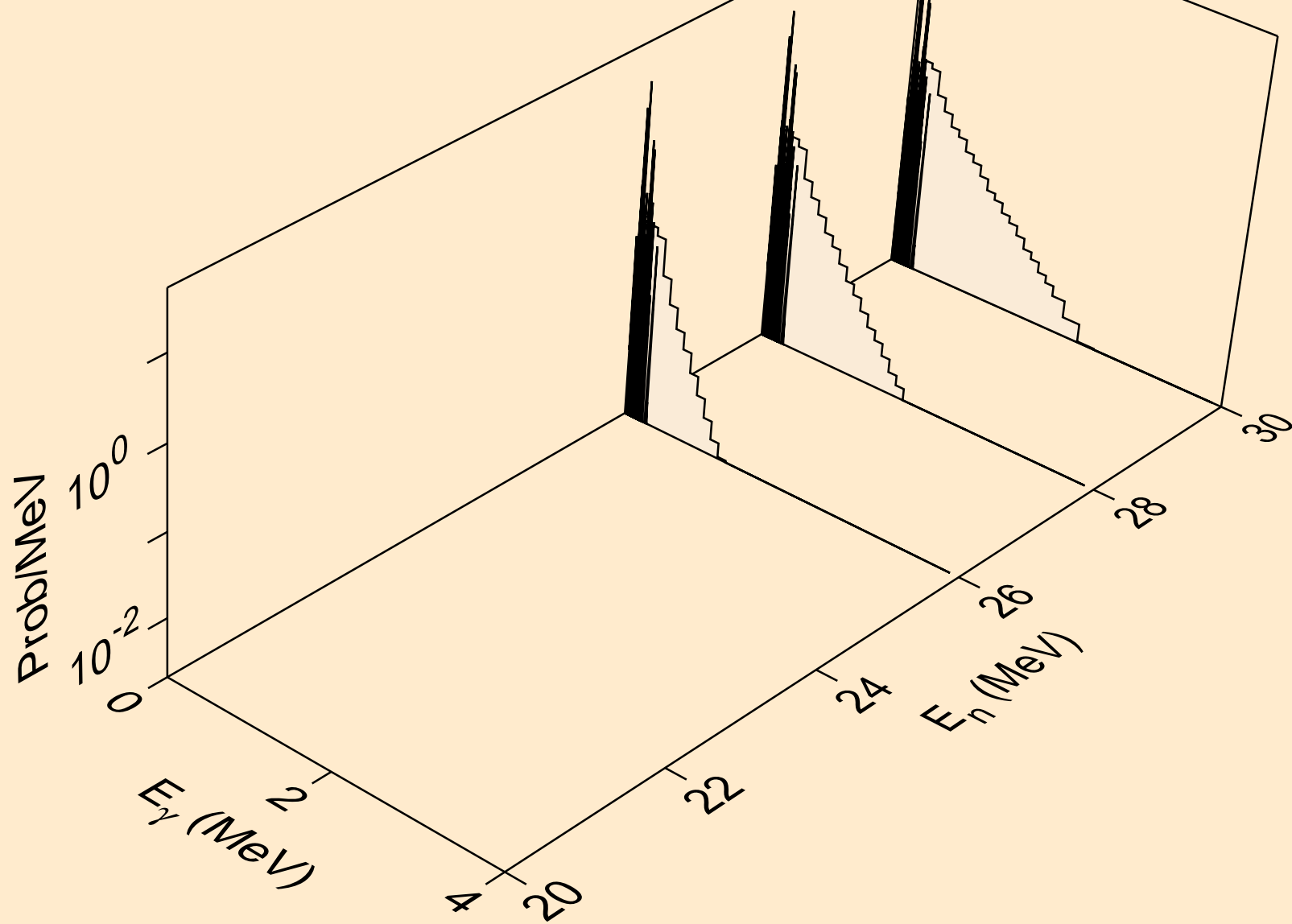
SM156 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



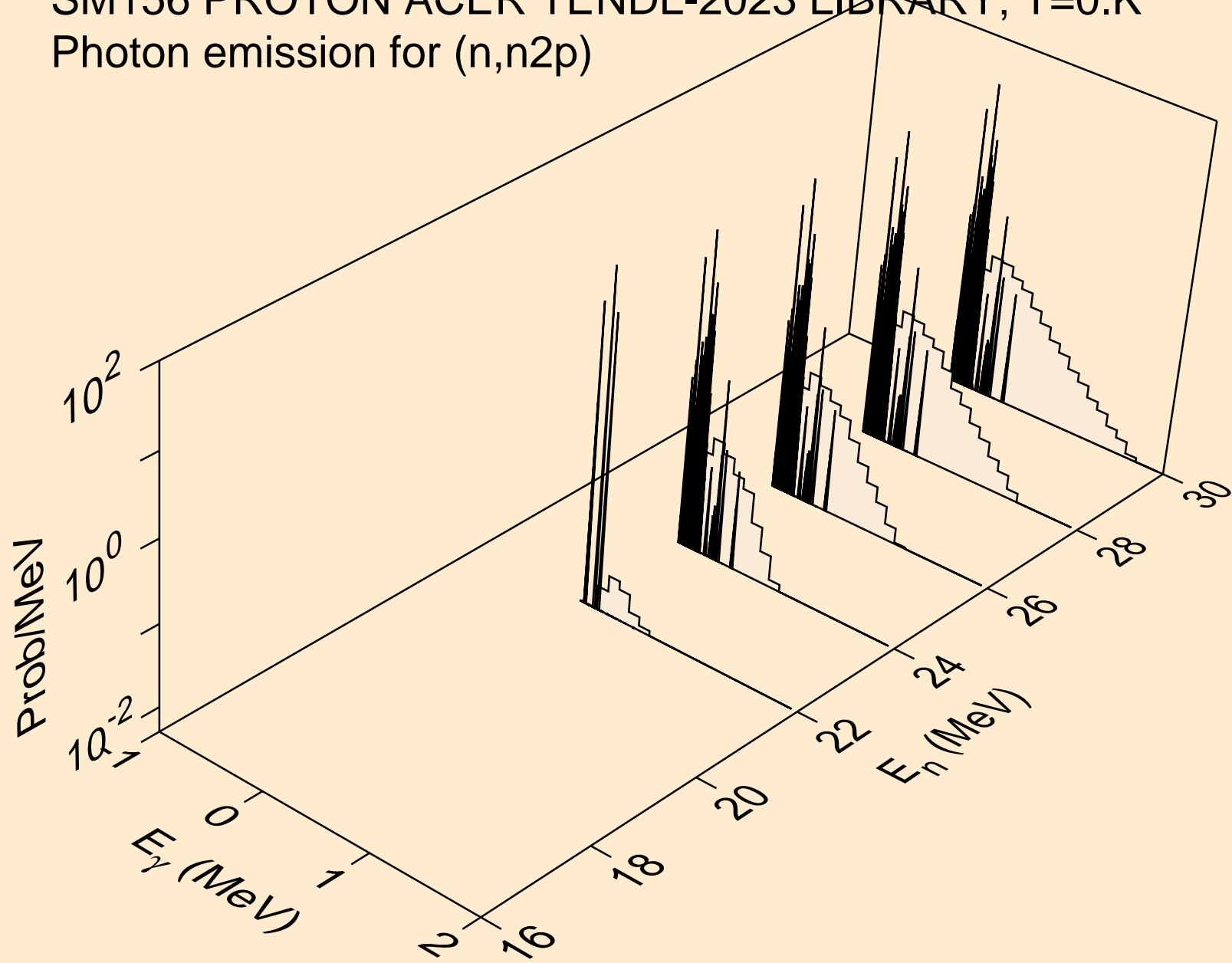
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Photon emission for (n,2np)



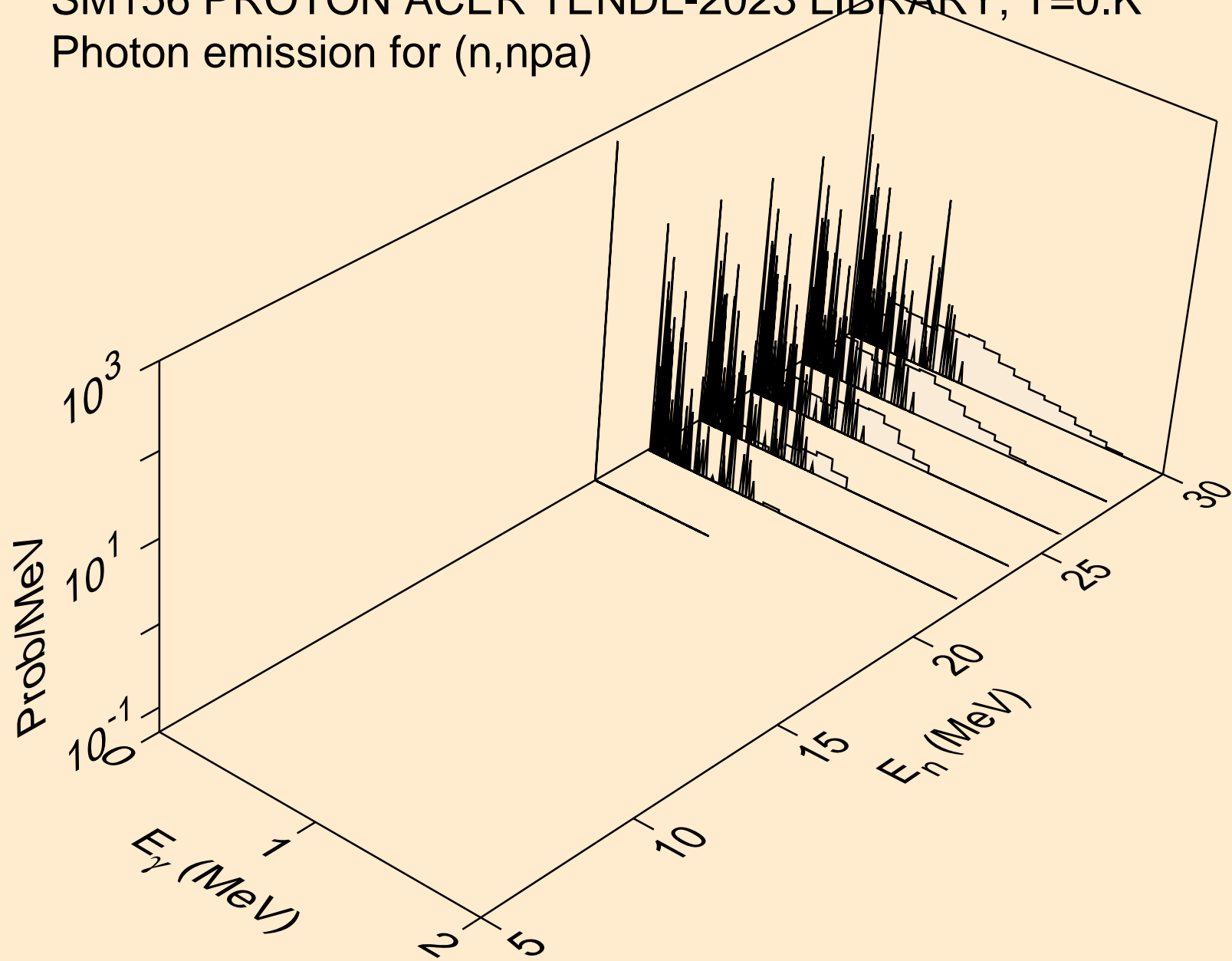
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Photon emission for (n,3np)



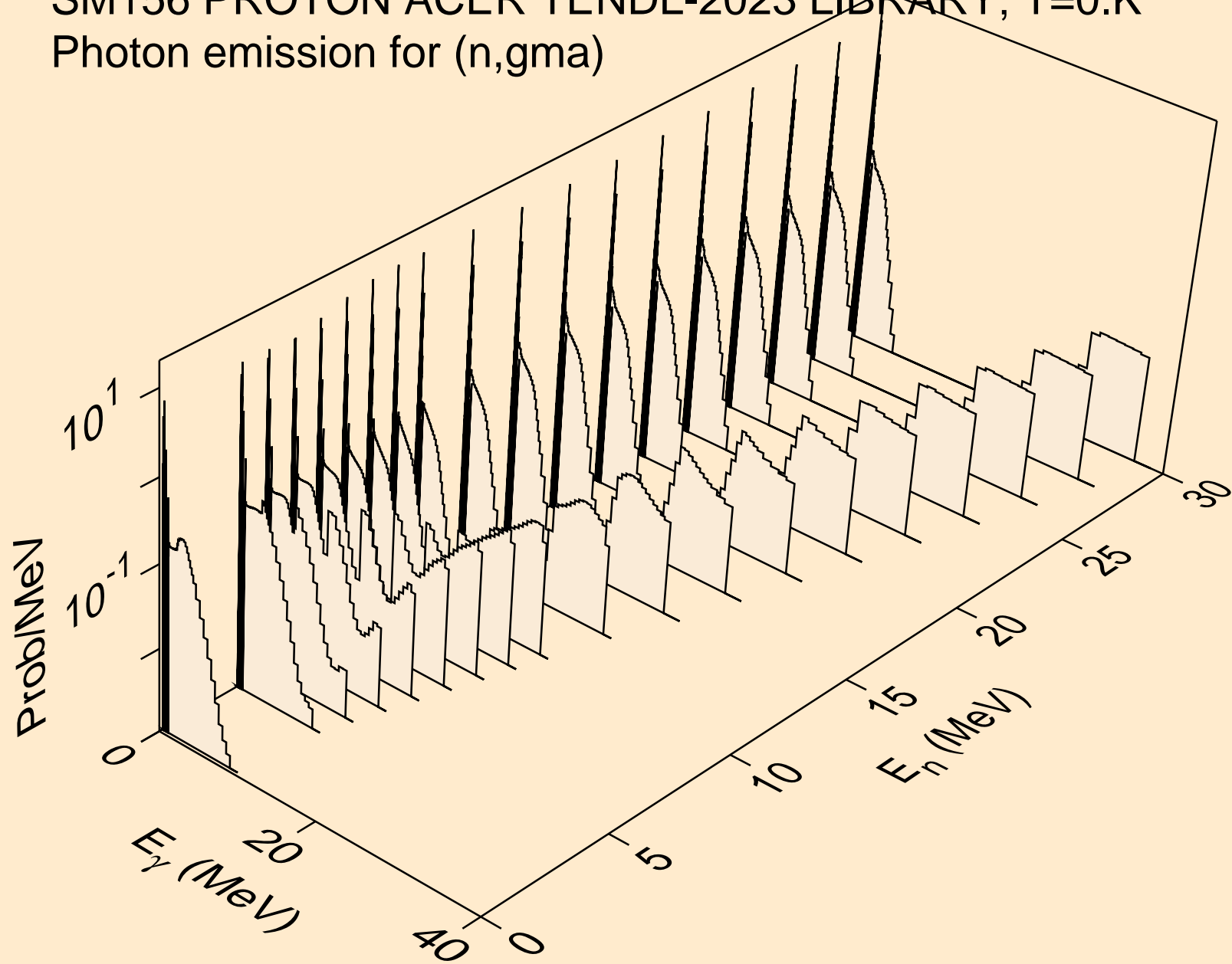
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Photon emission for (n,n2p)



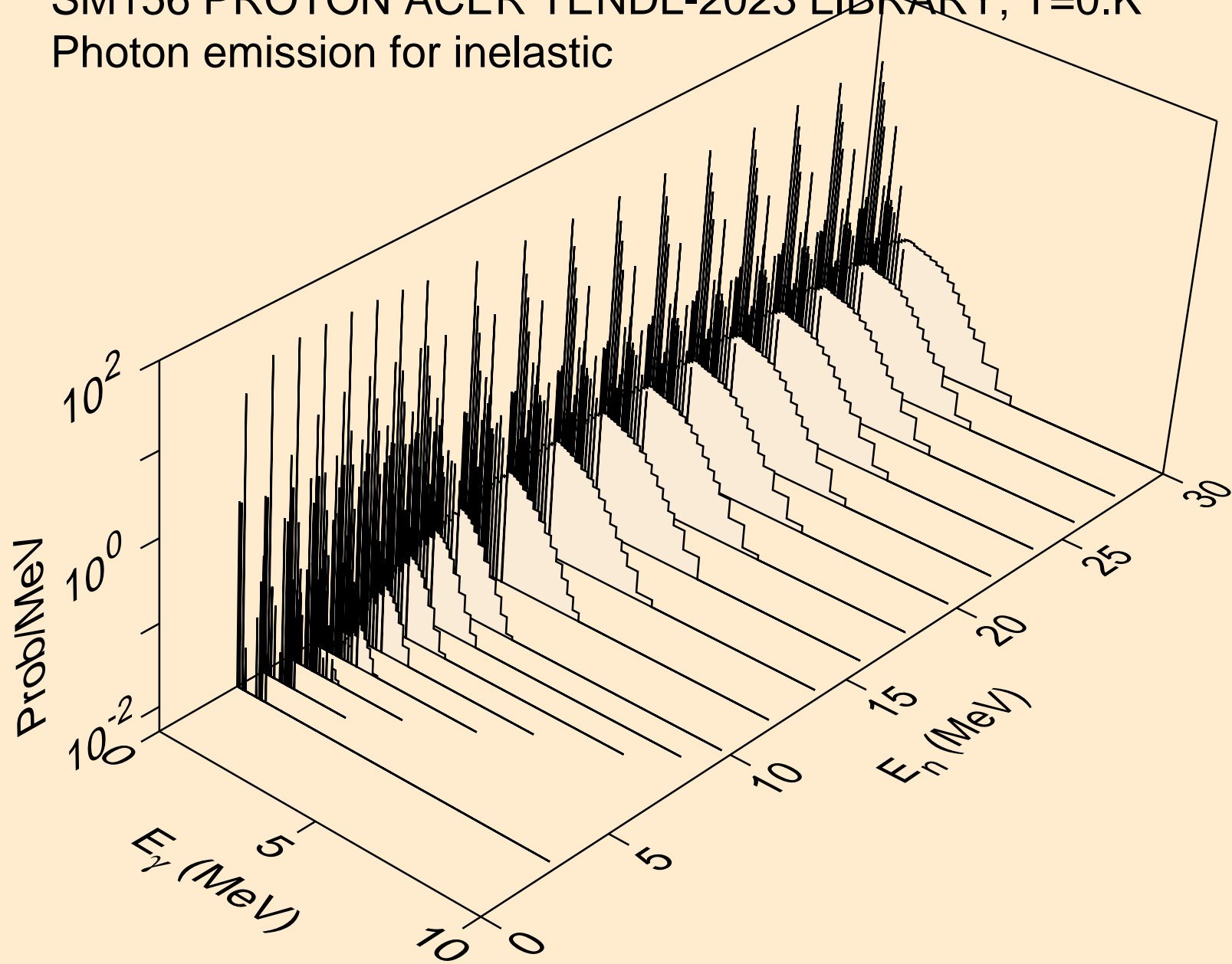
SM156 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



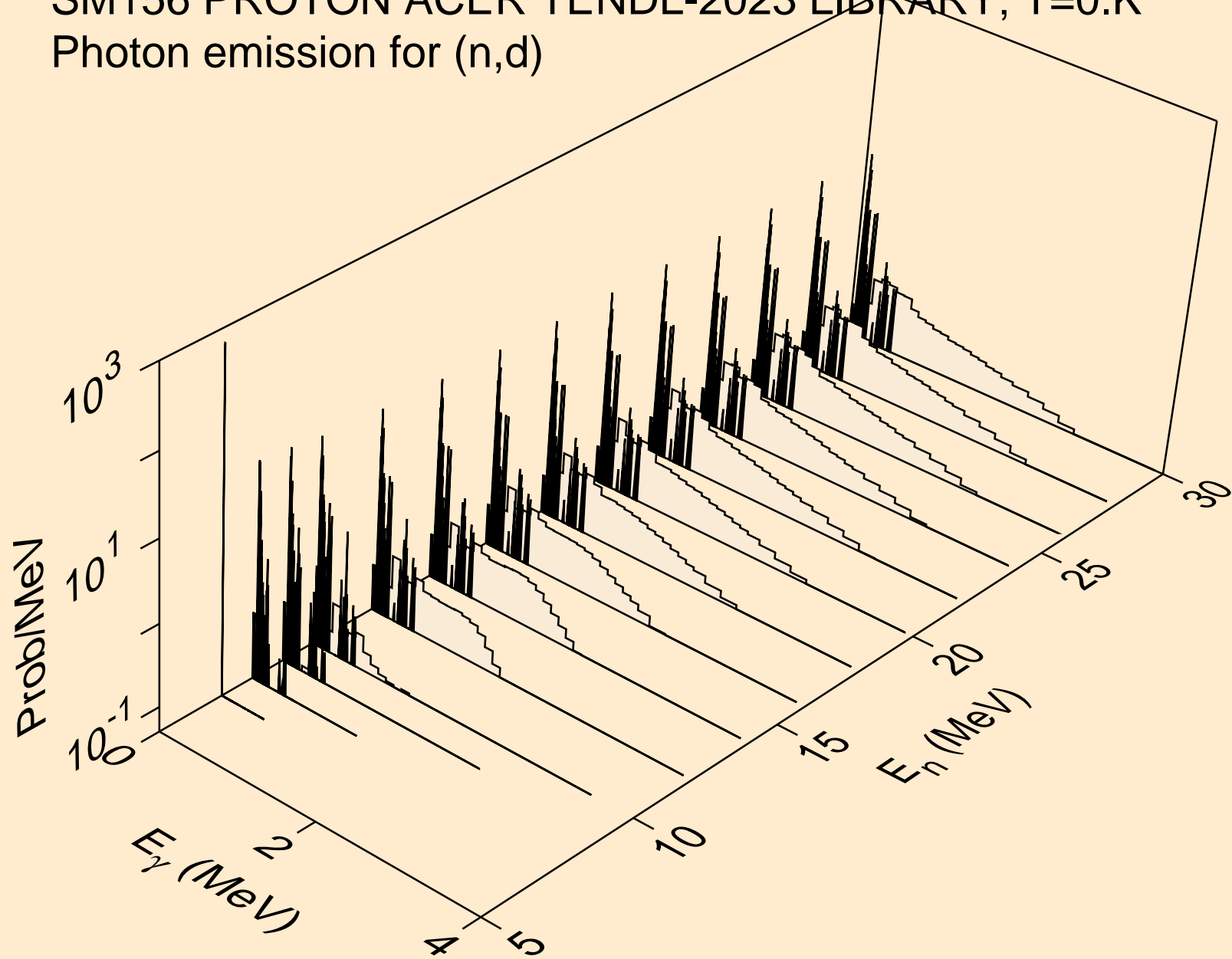
SM156 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



SM156 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

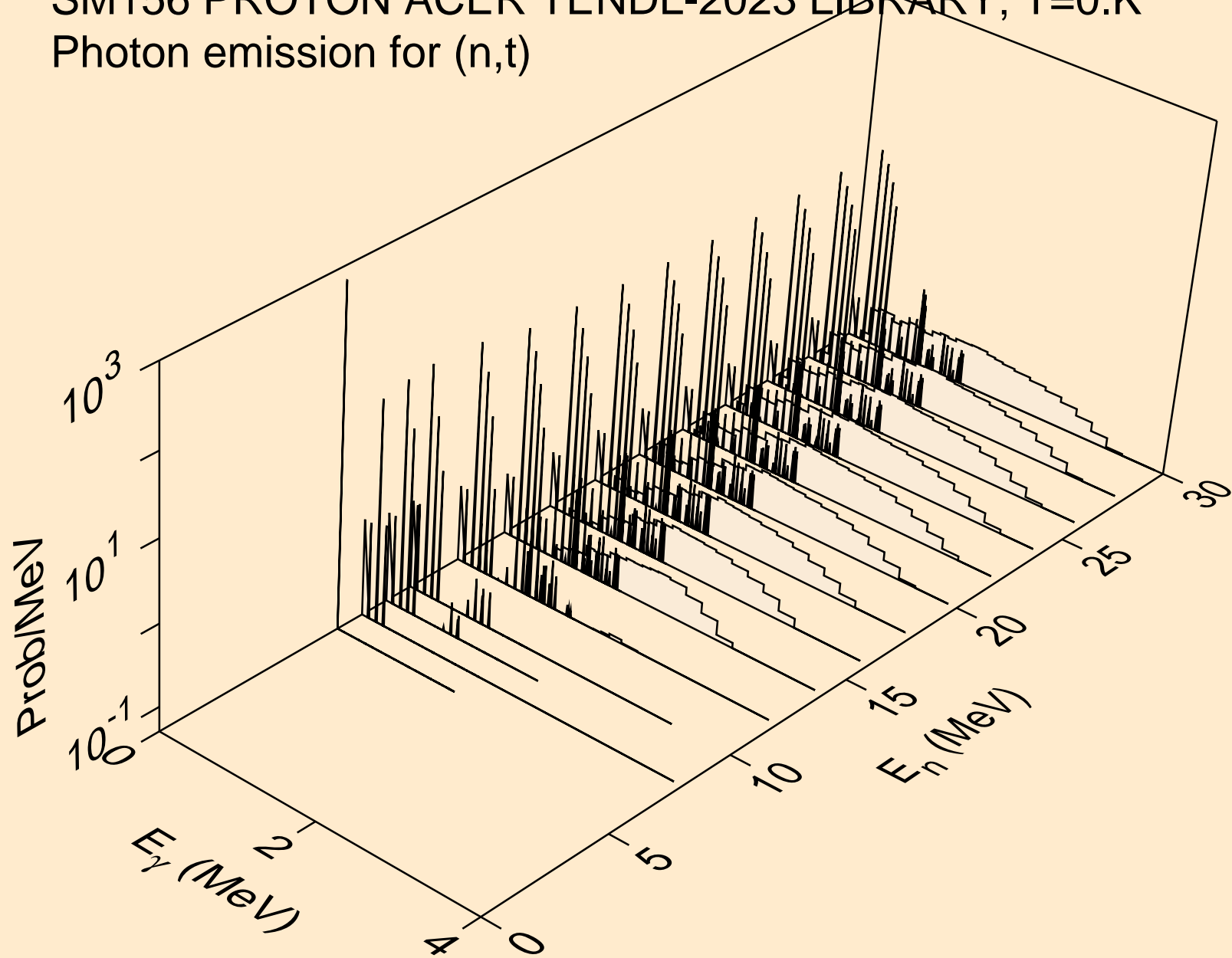


SM156 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)

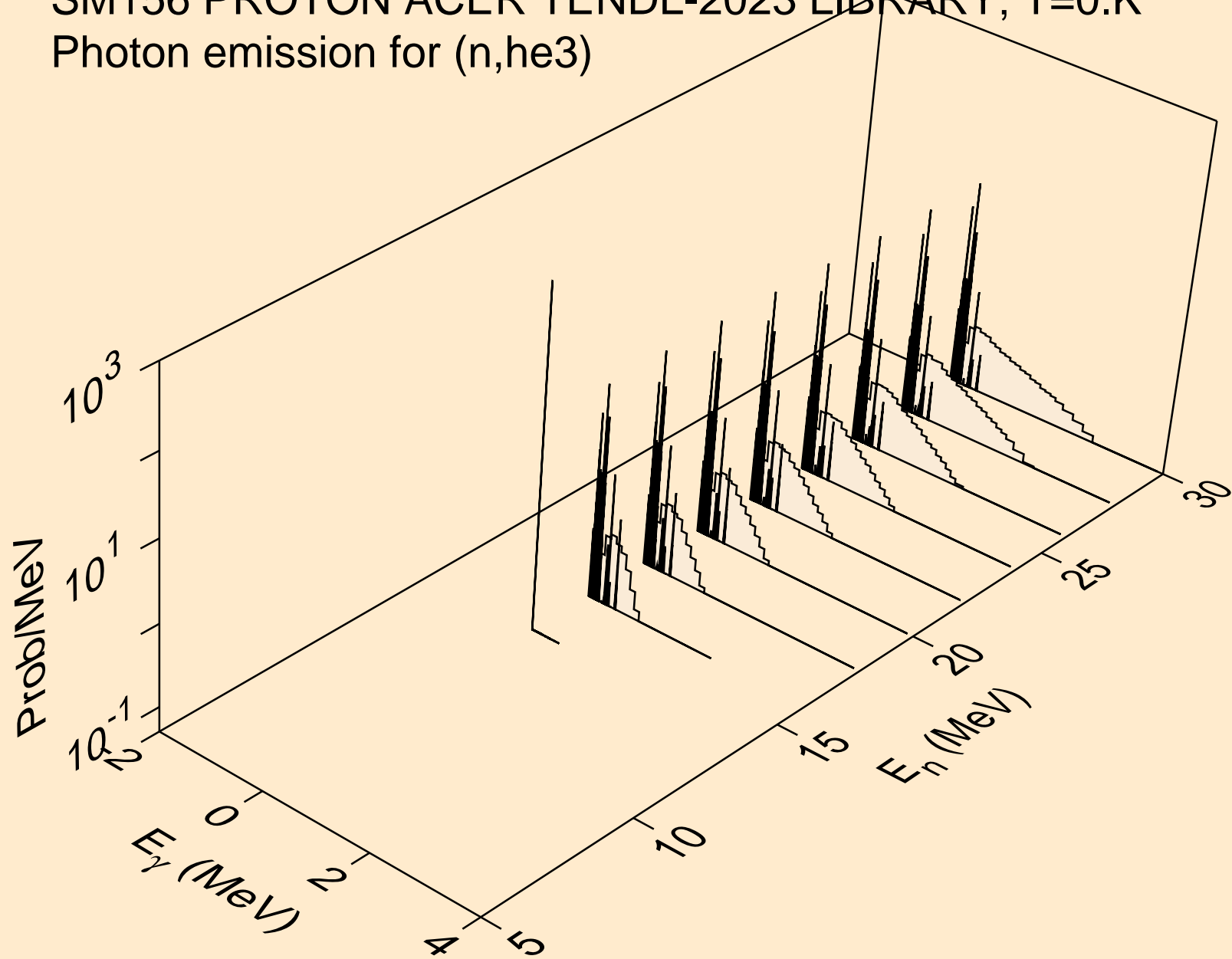




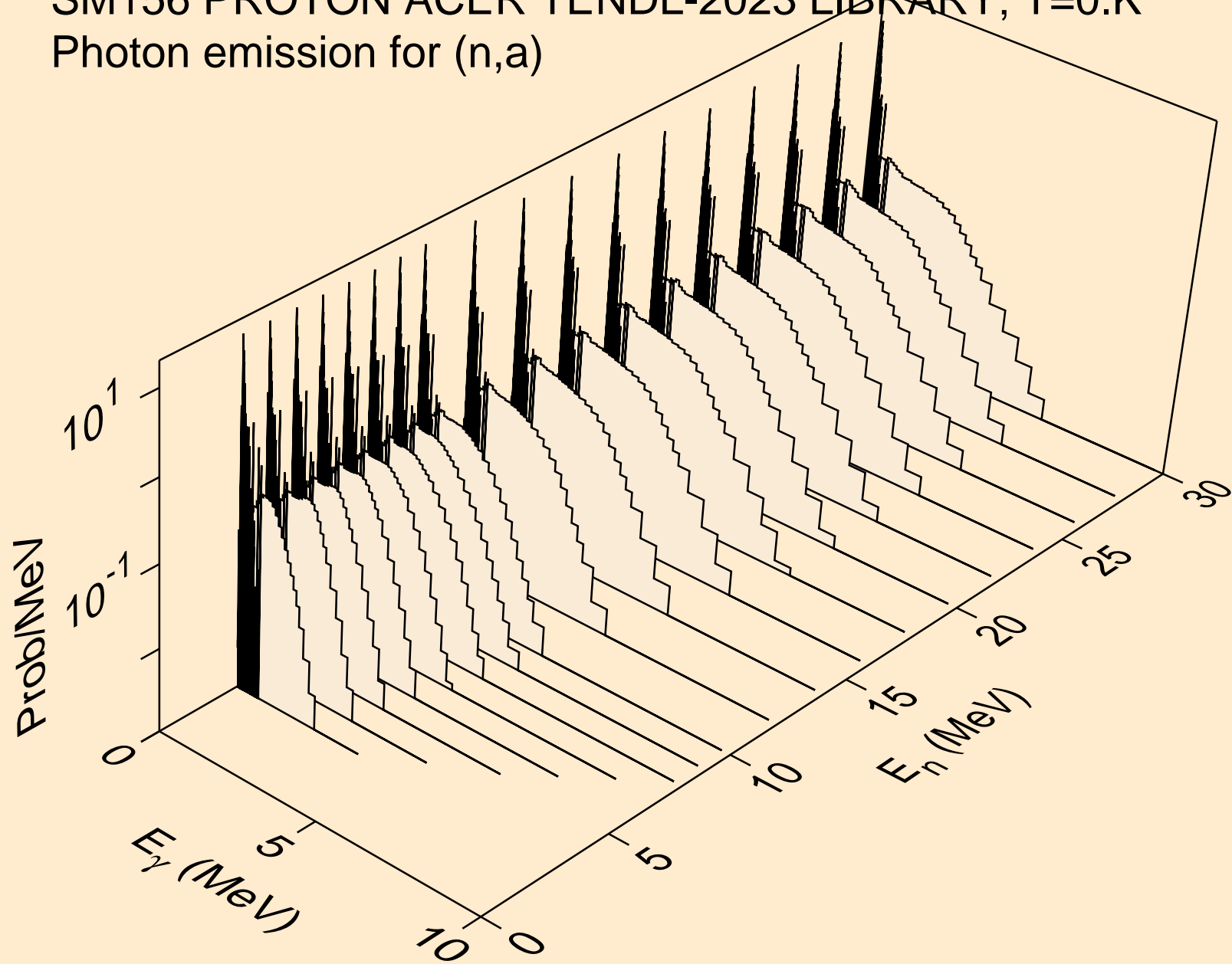
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Photon emission for (n,t)



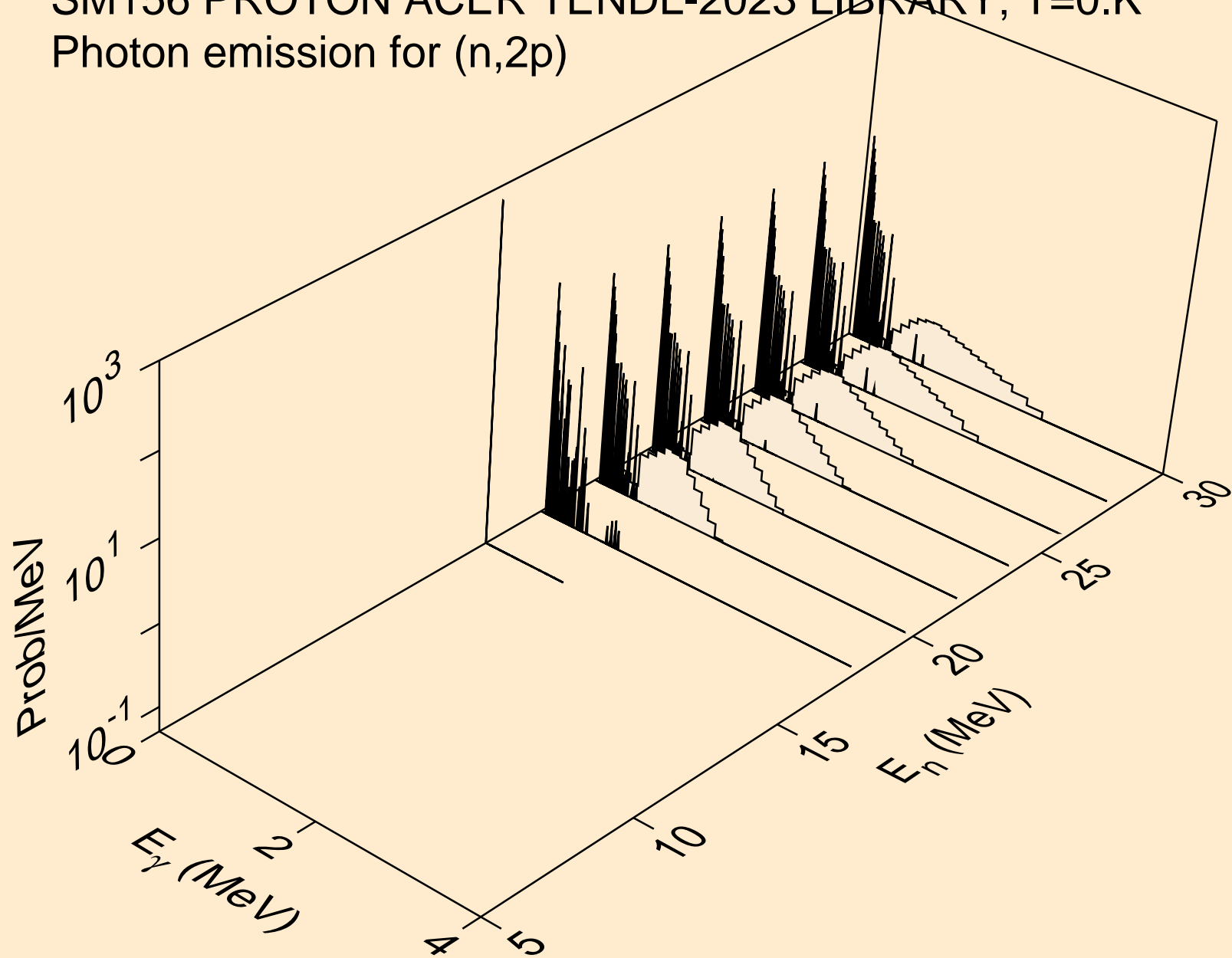
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Photon emission for (n,he3)



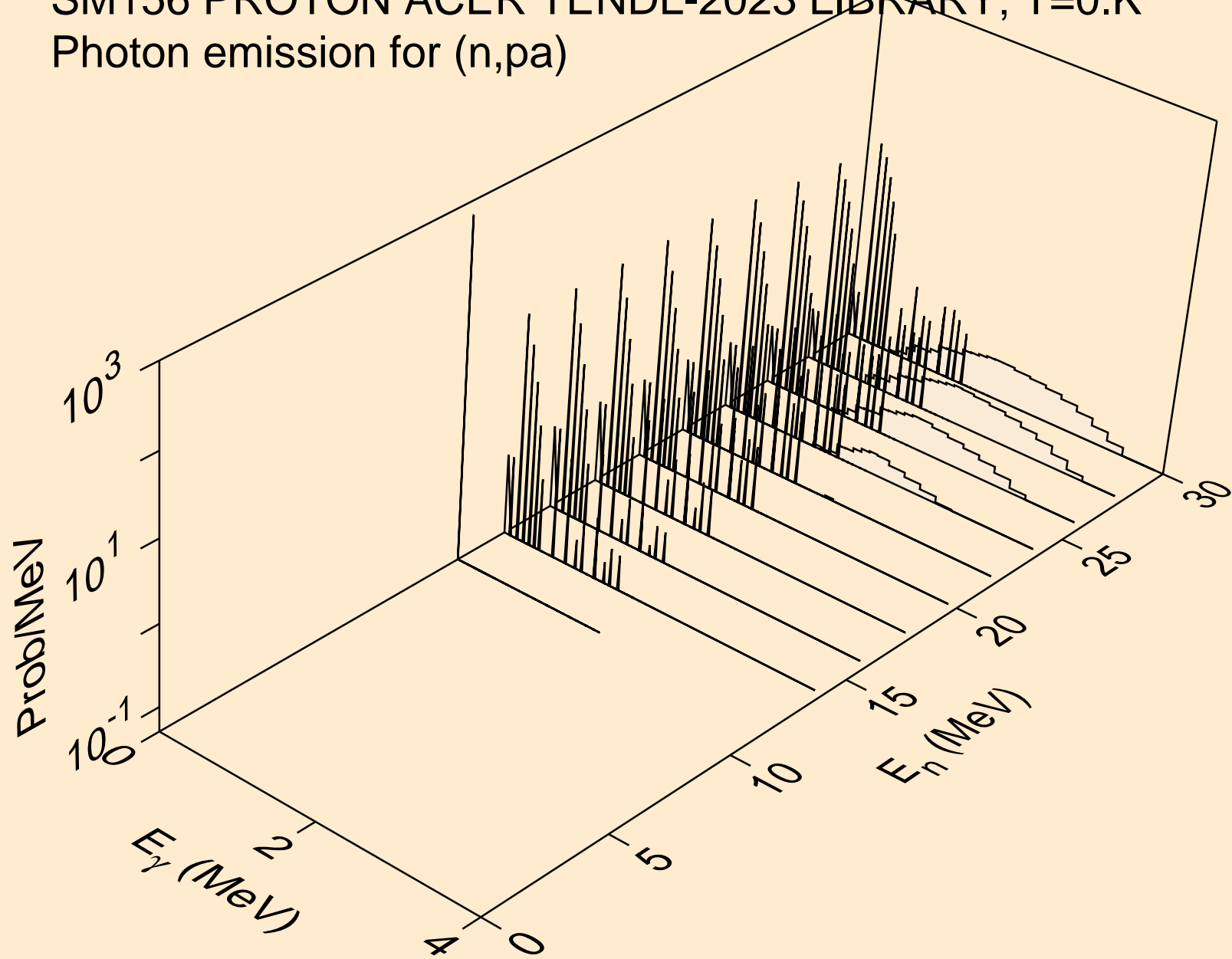
SM156 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



SM156 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)

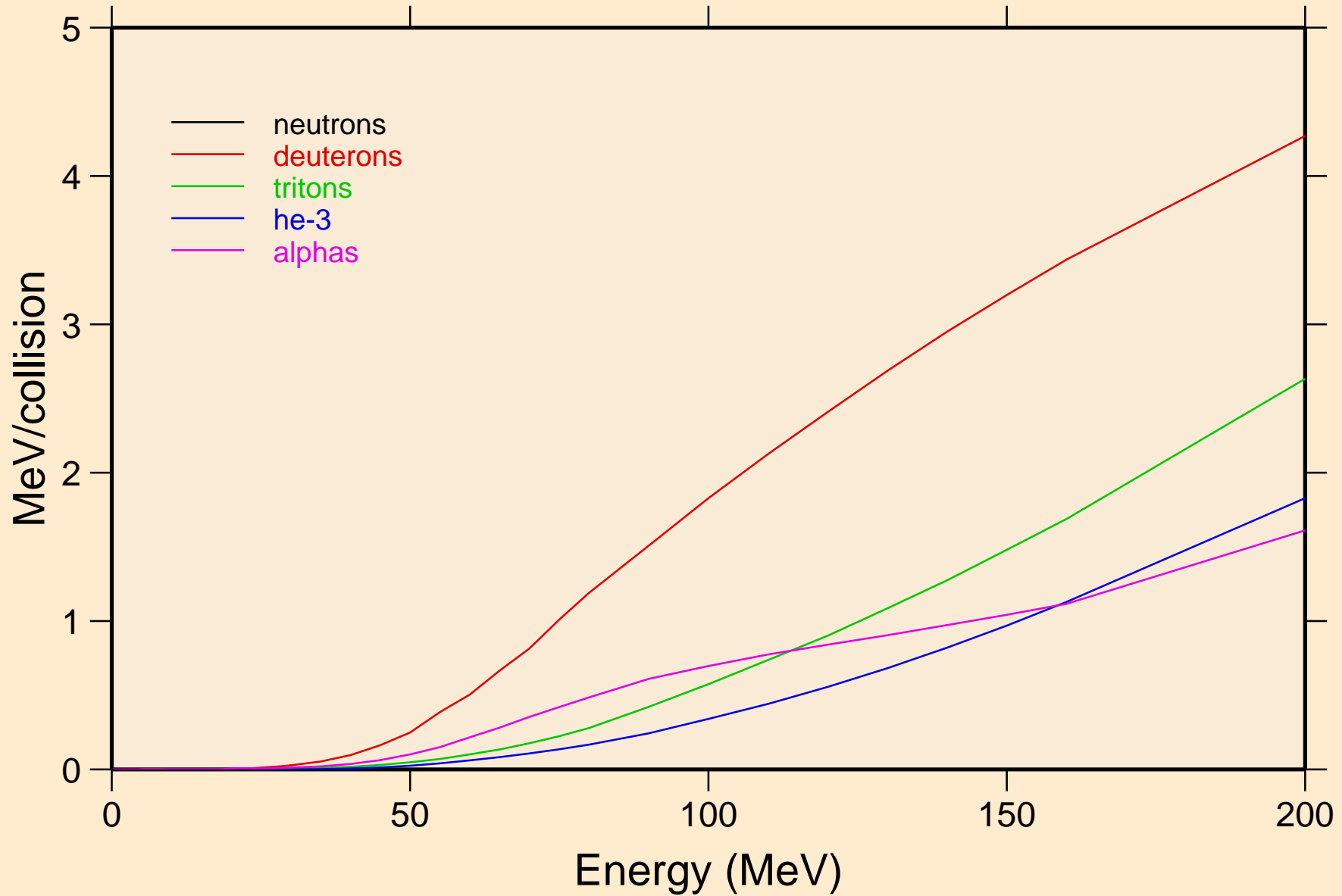


SM156 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



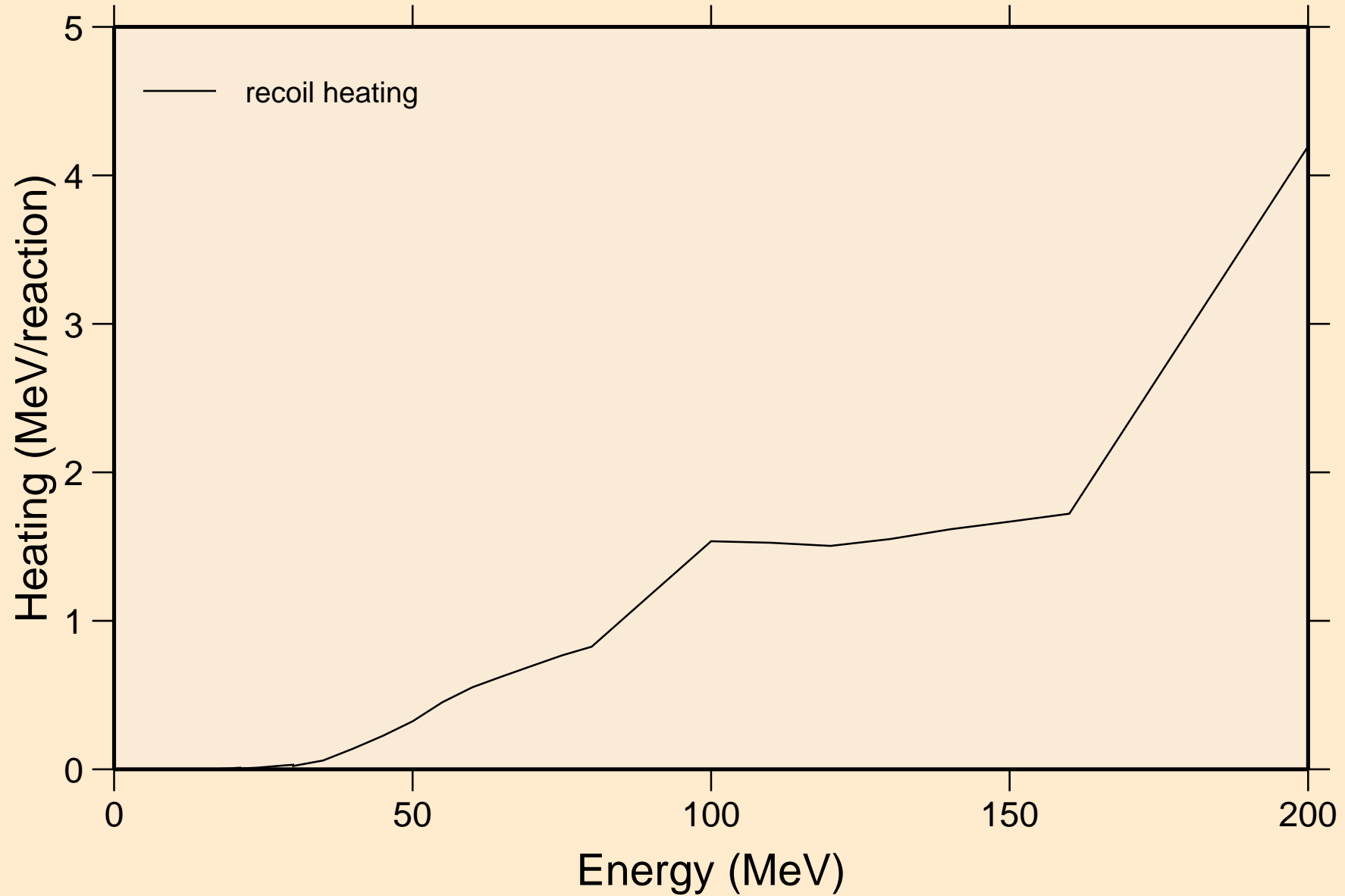
# SM156 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions

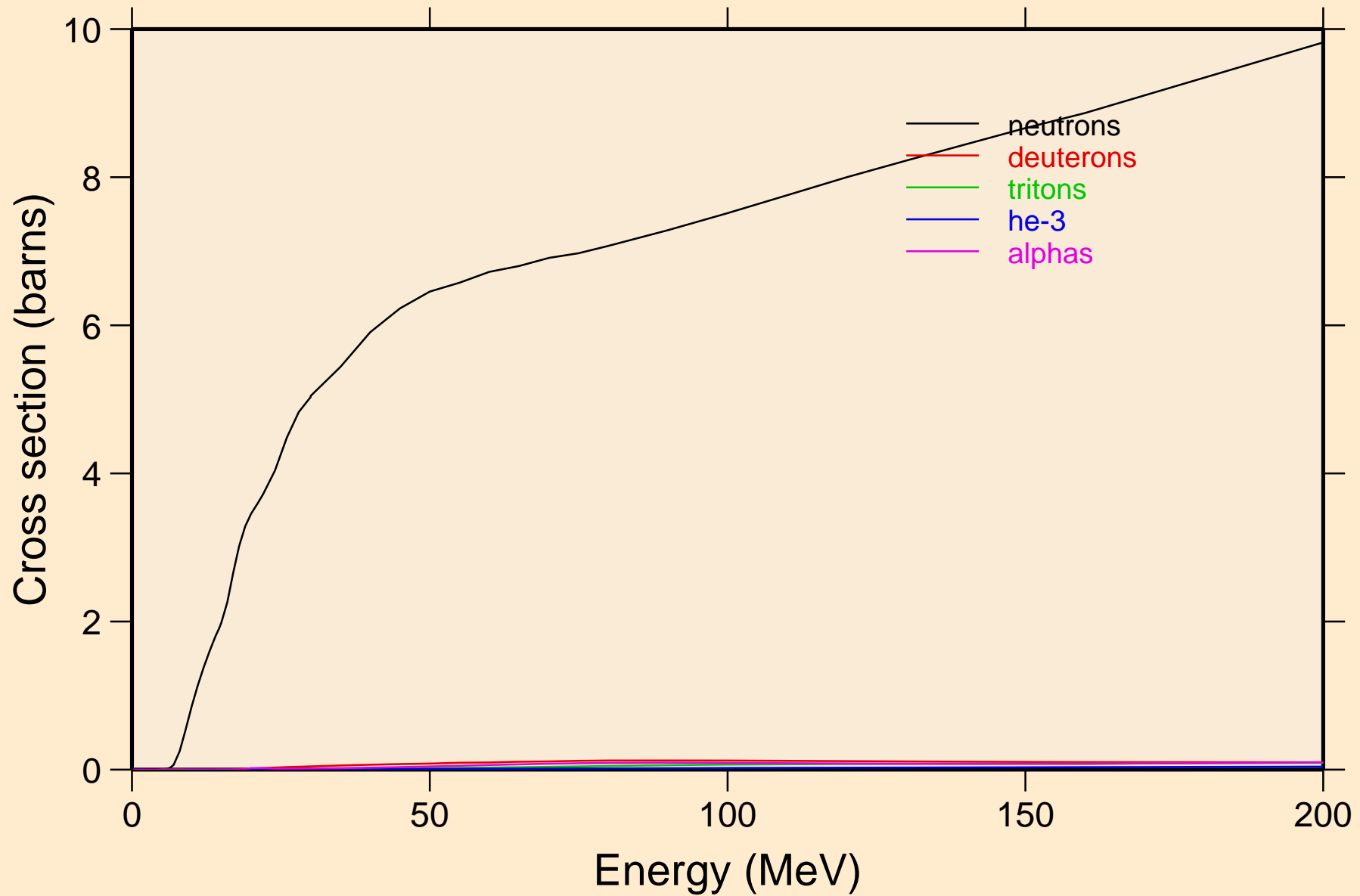


# SM156 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Recoil Heating

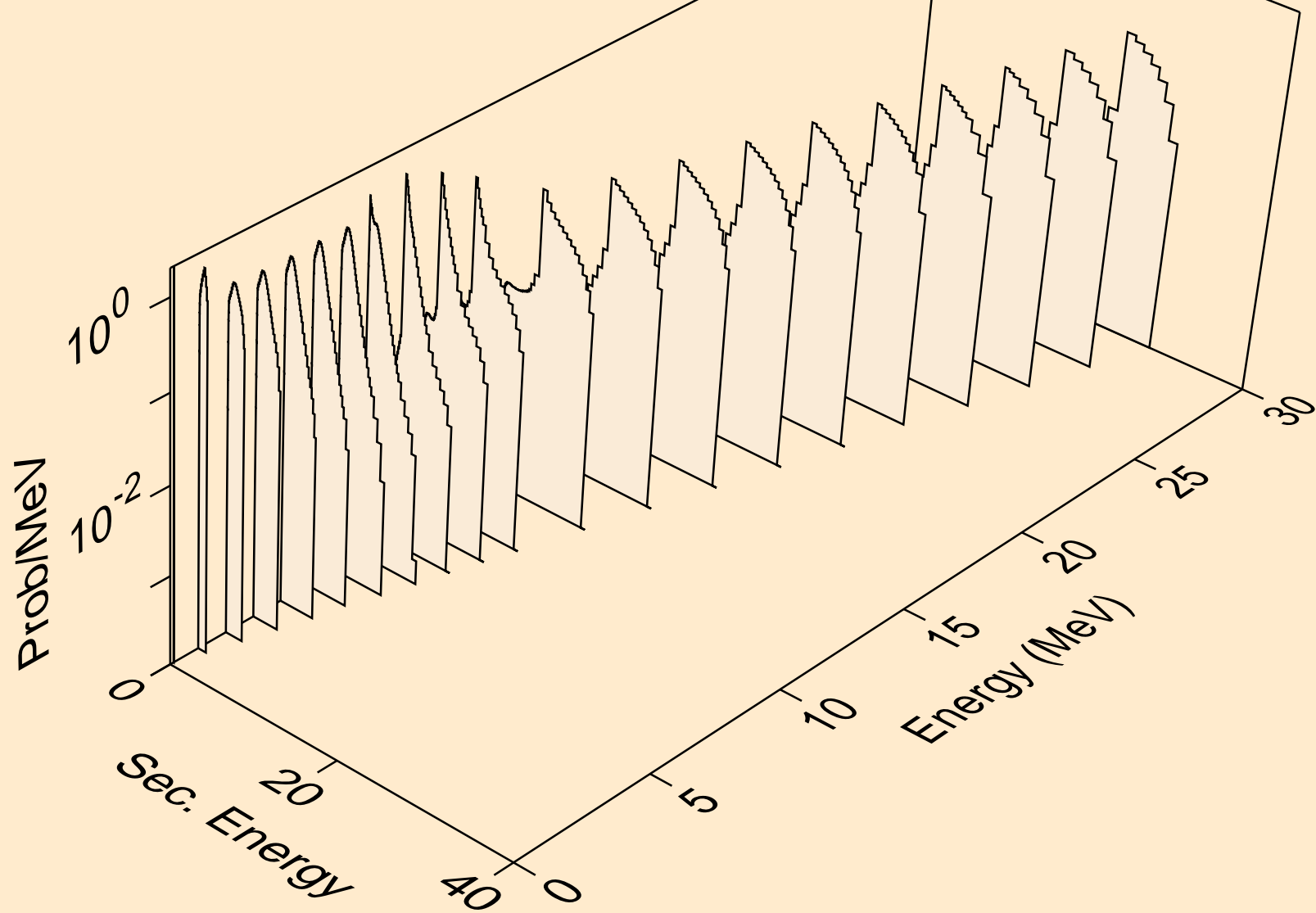


SM156 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections

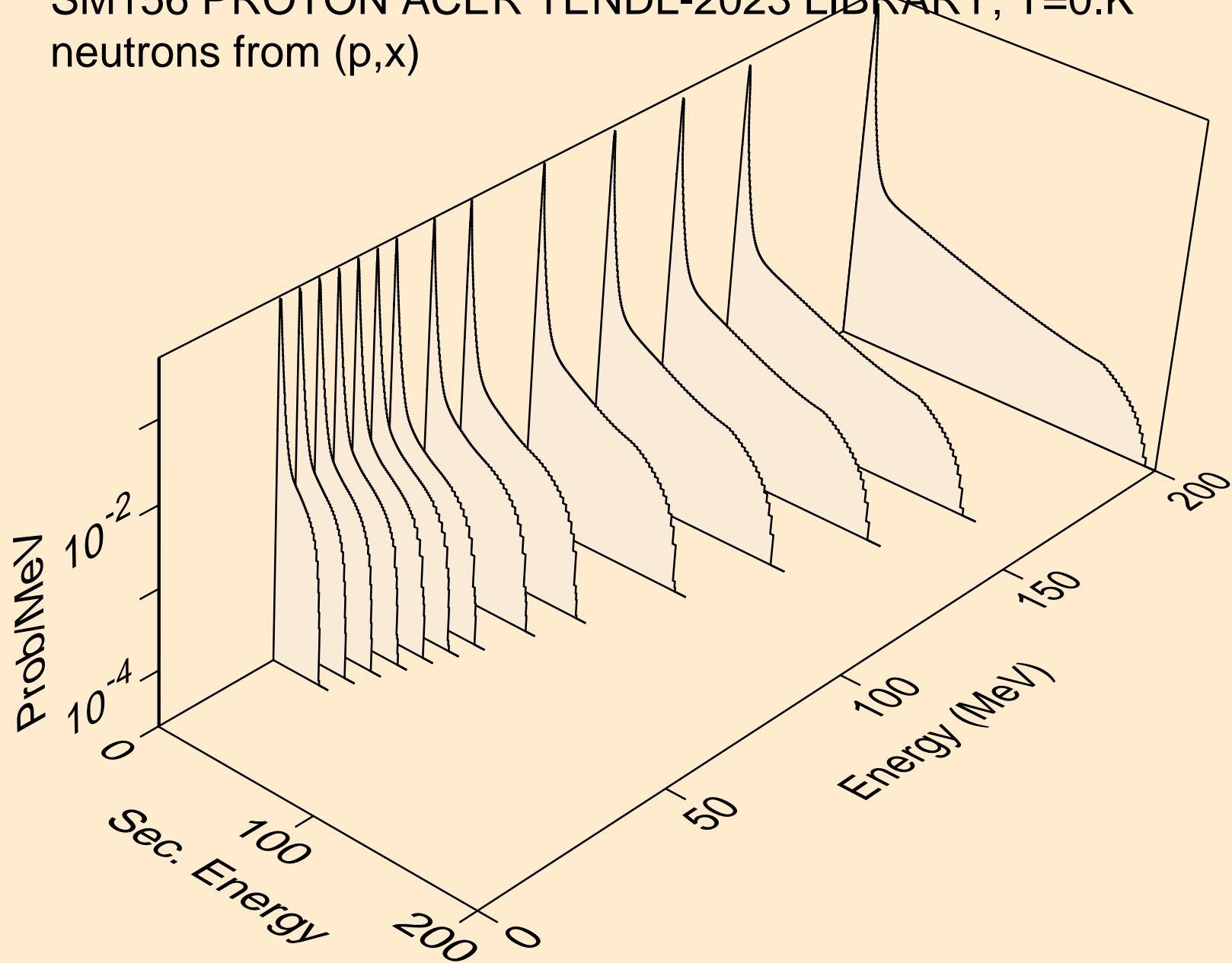




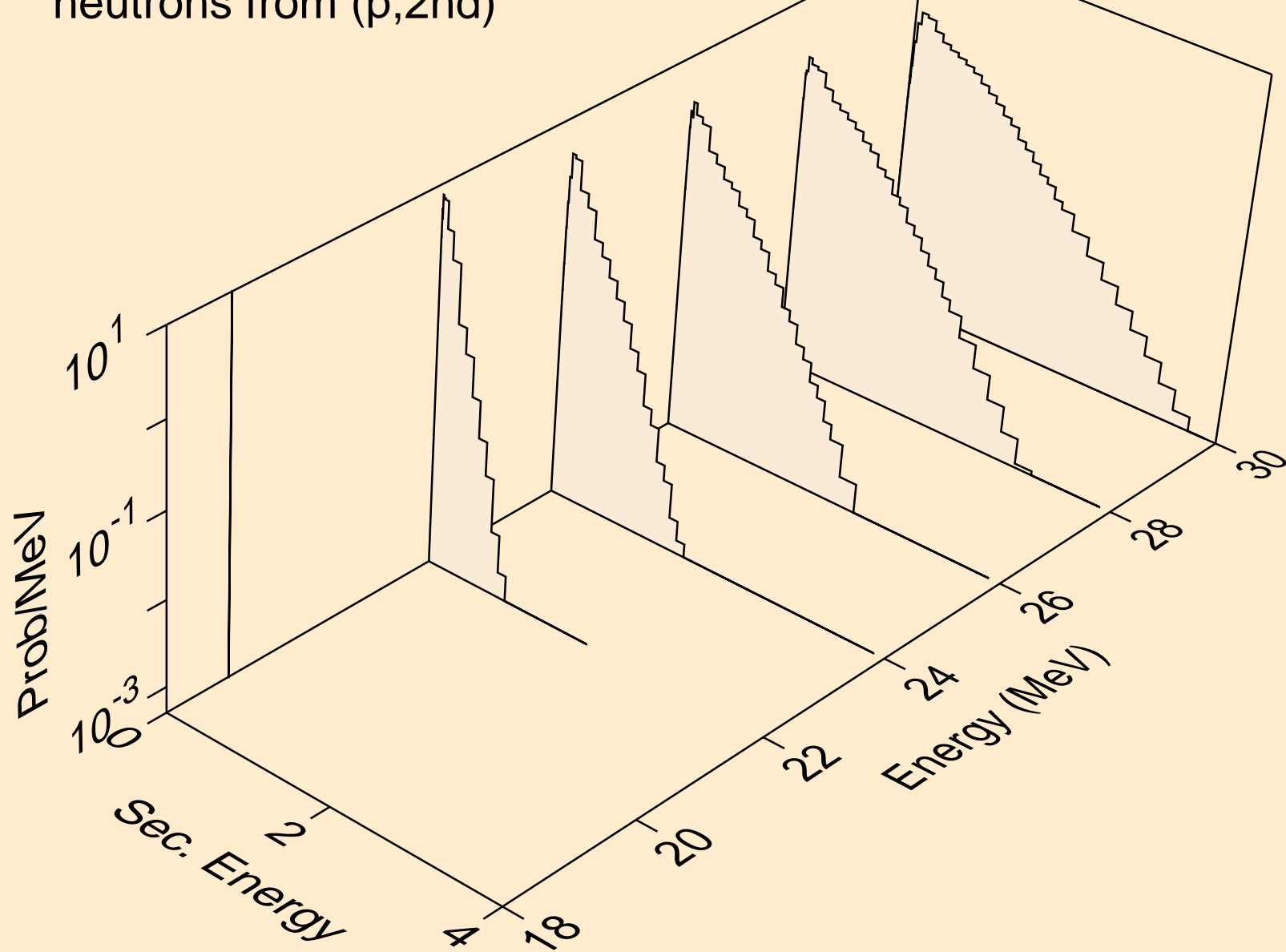
SM156 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)



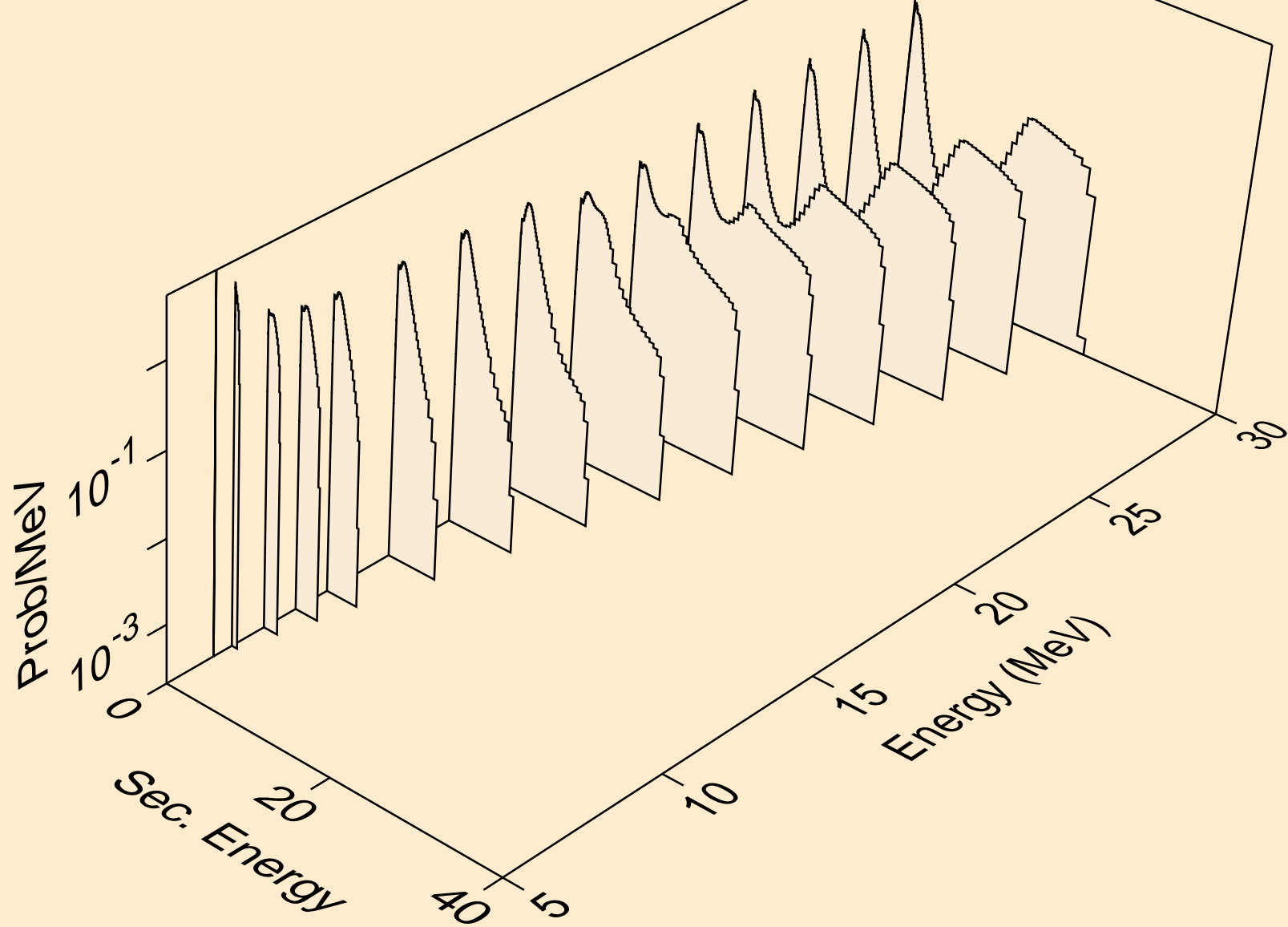
SM156 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)



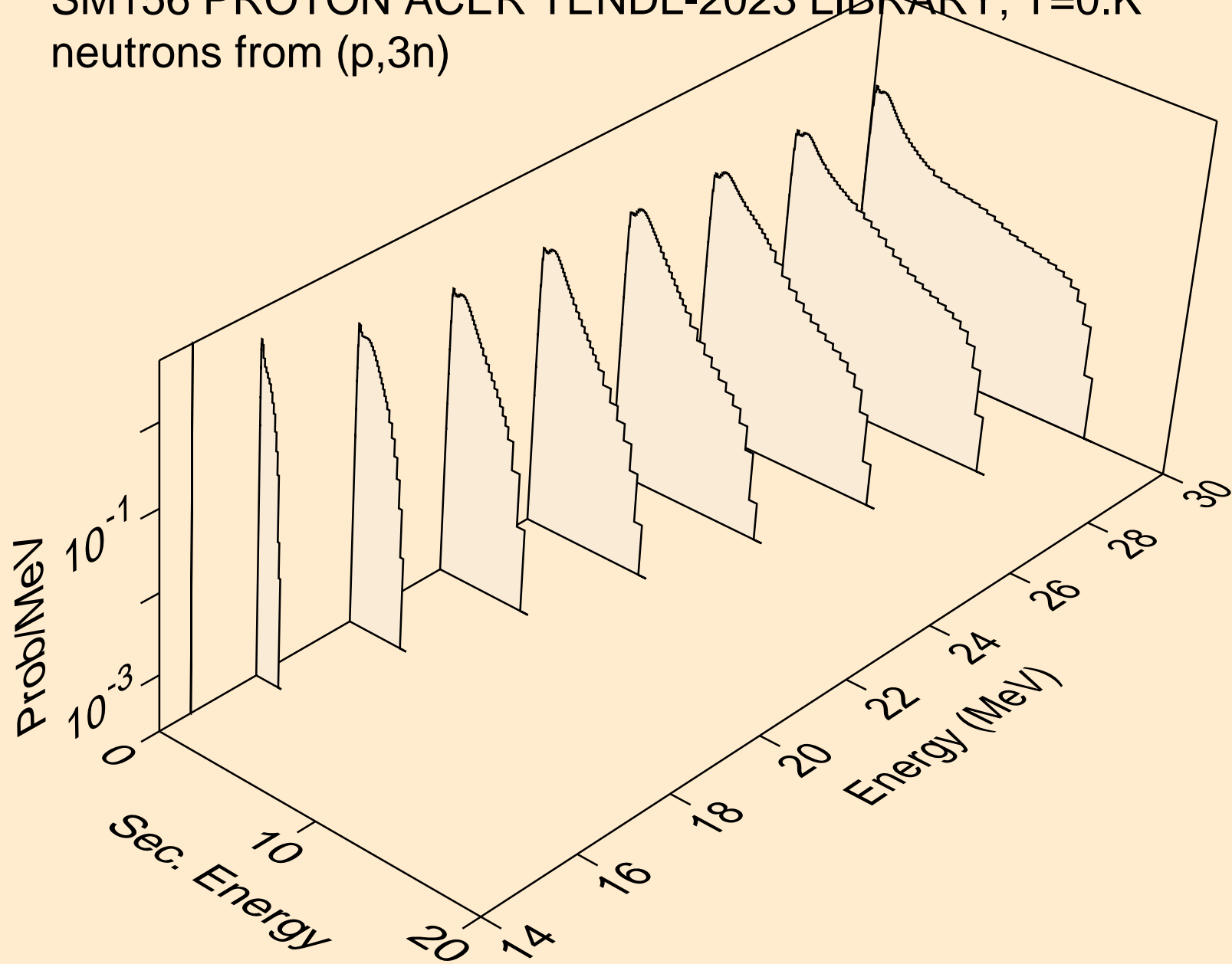
SM156 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2nd)



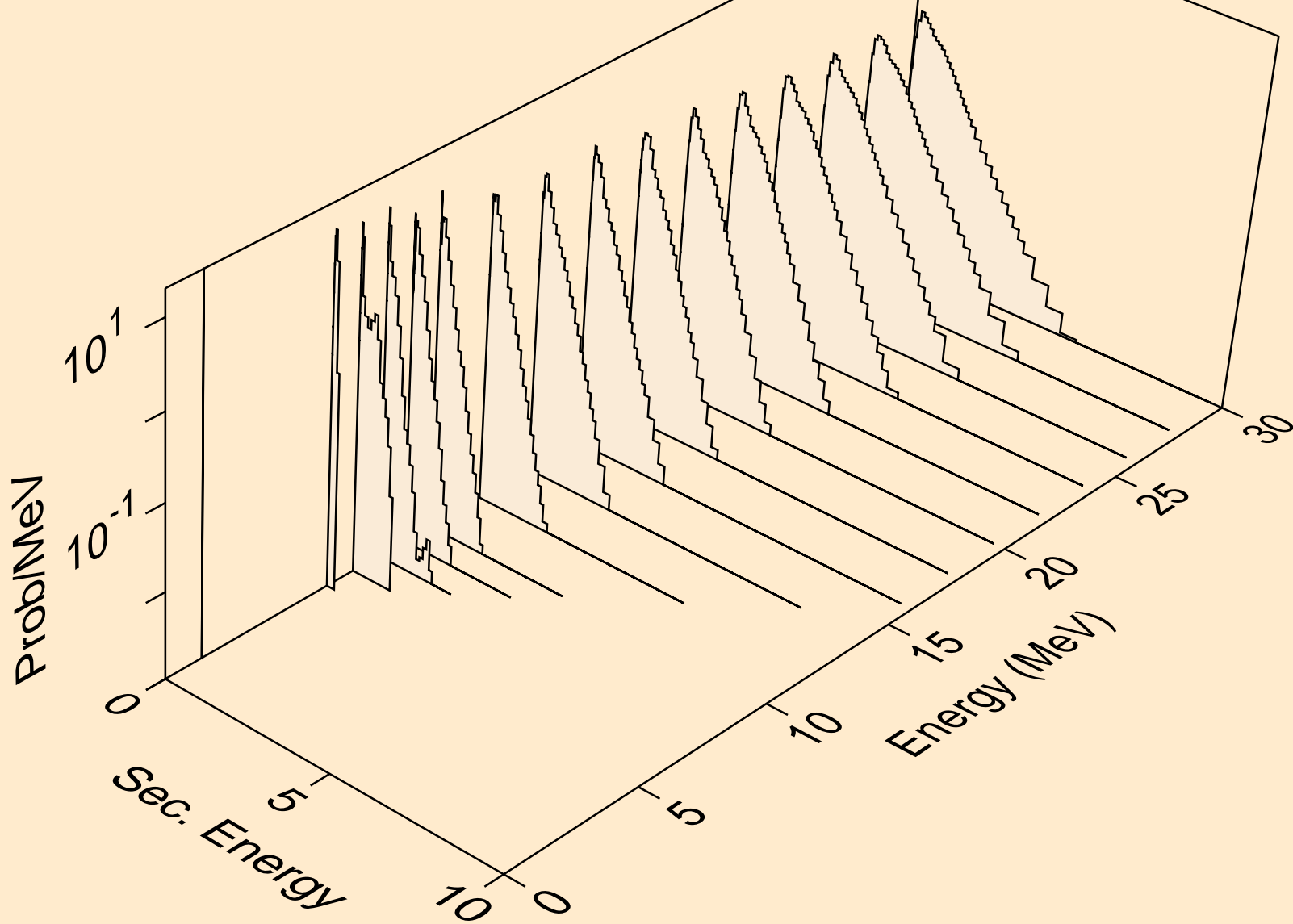
SM156 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)



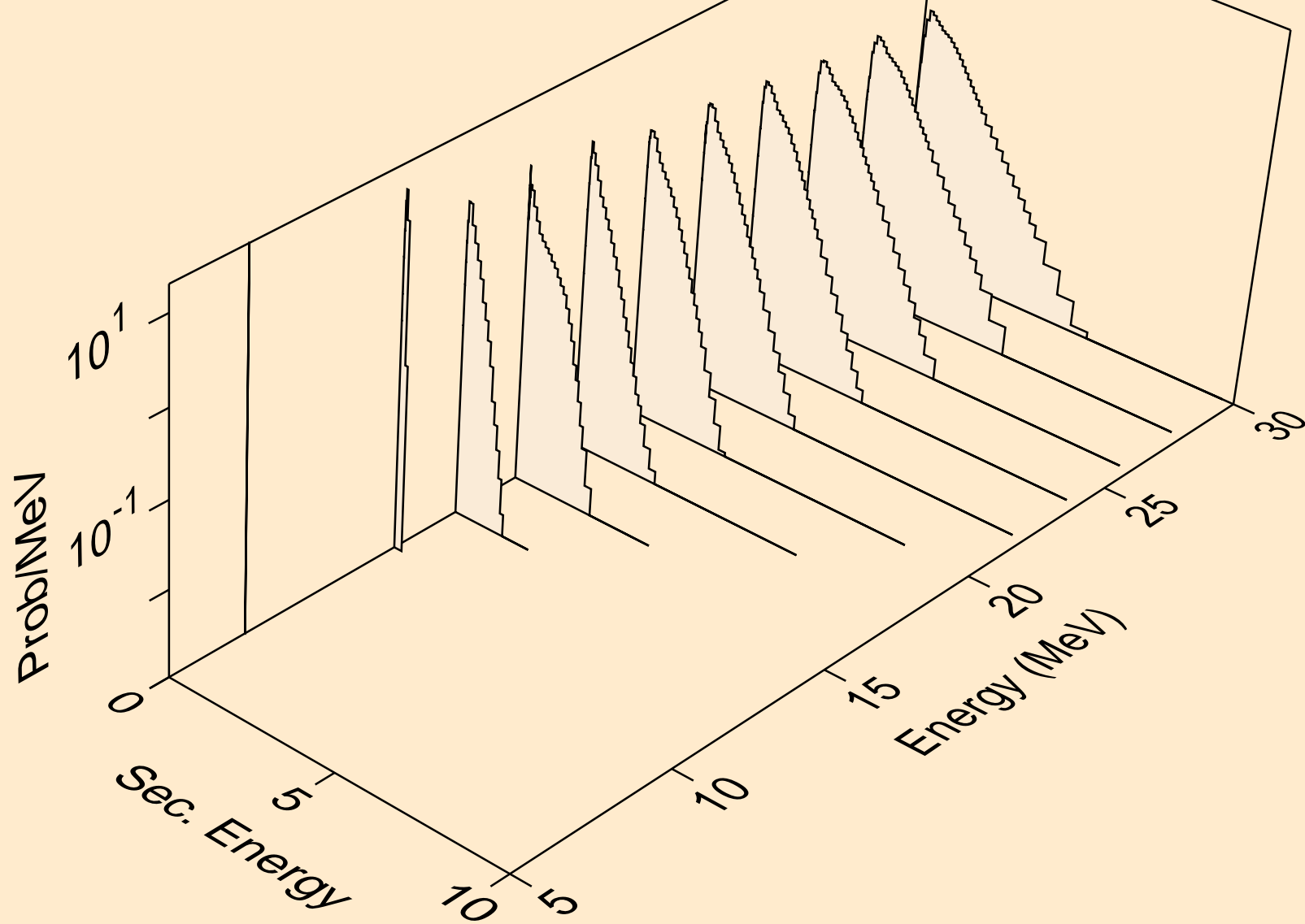
SM156 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)



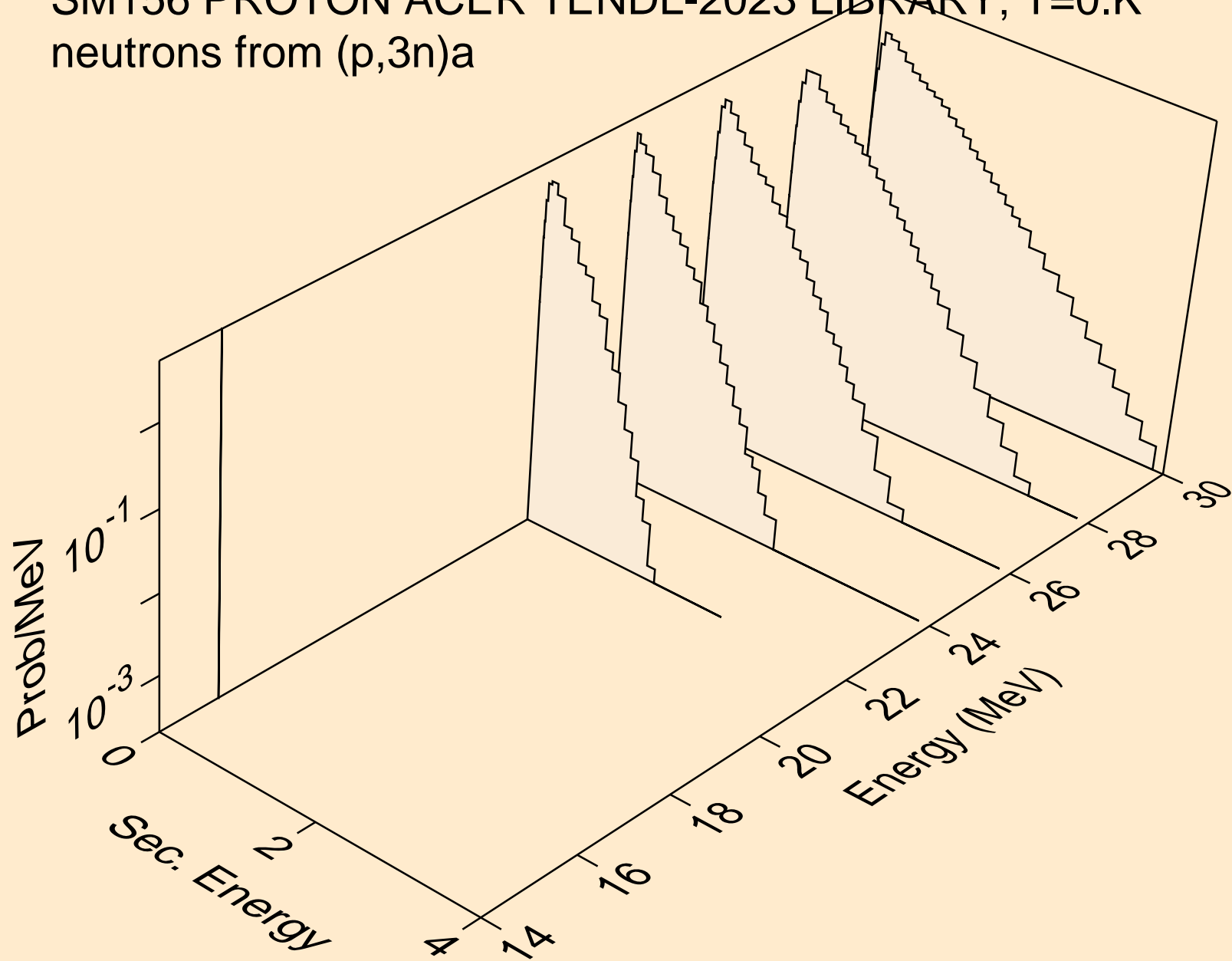
SM156 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a



SM156 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)a

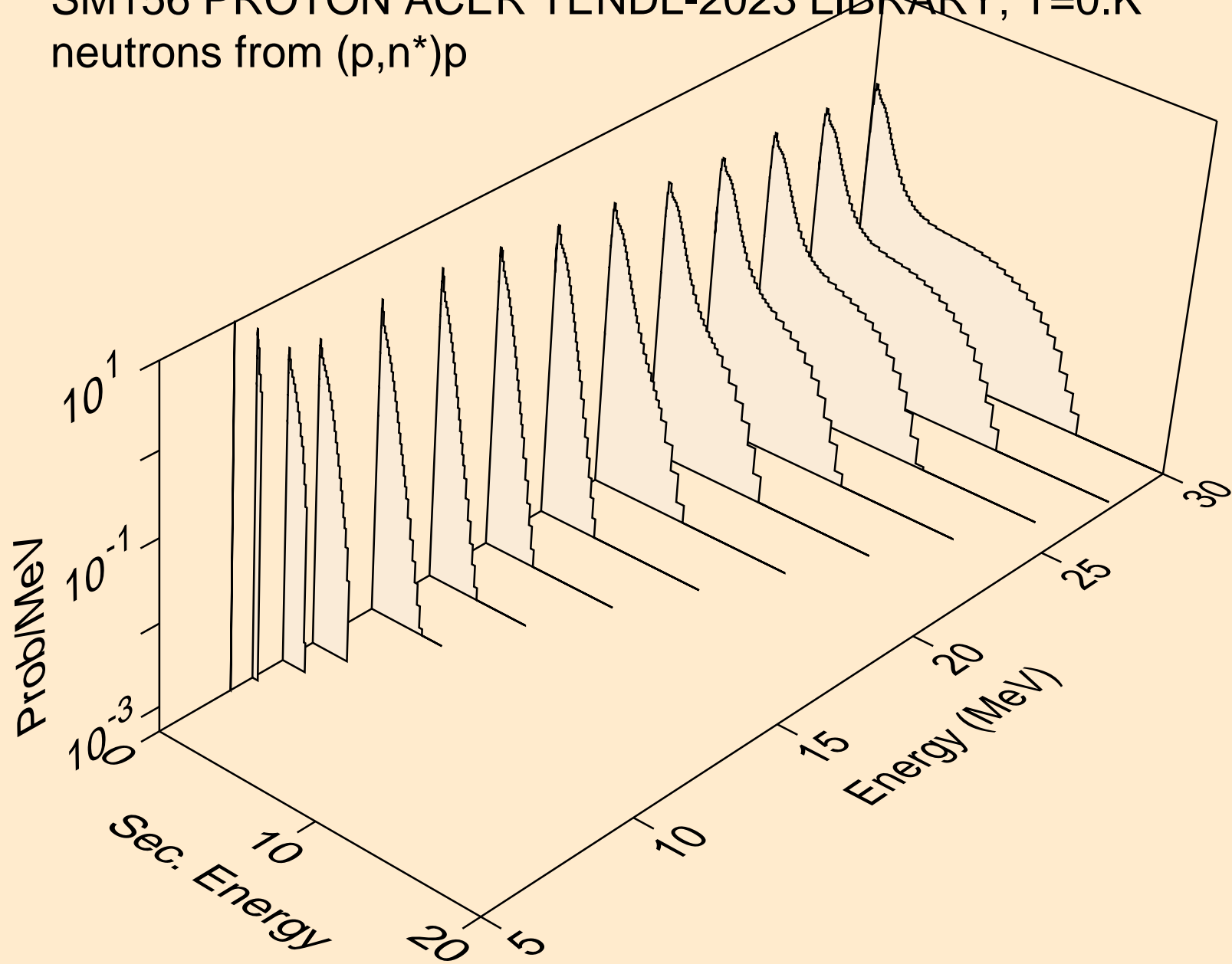


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neutrons from (p,3n)a

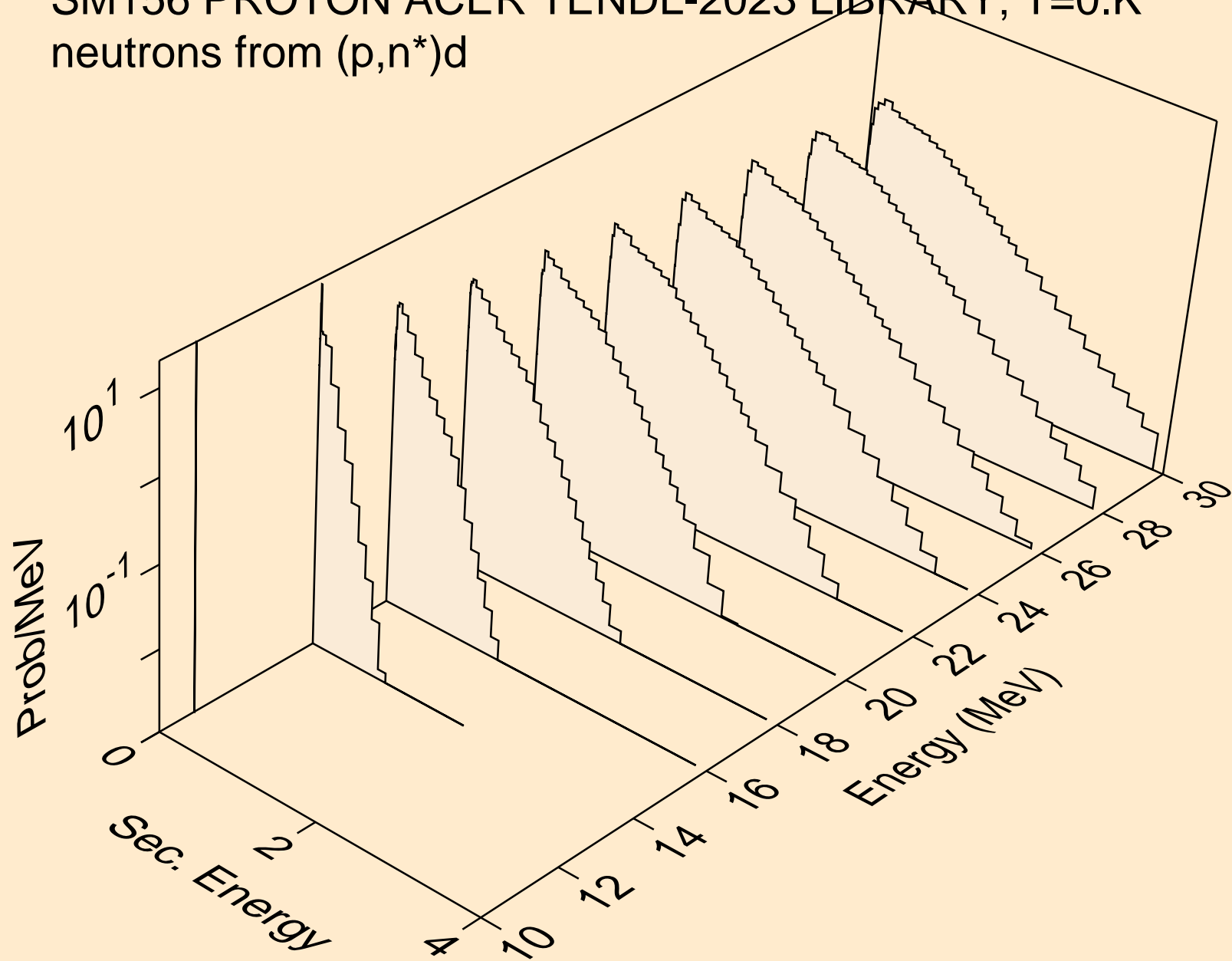




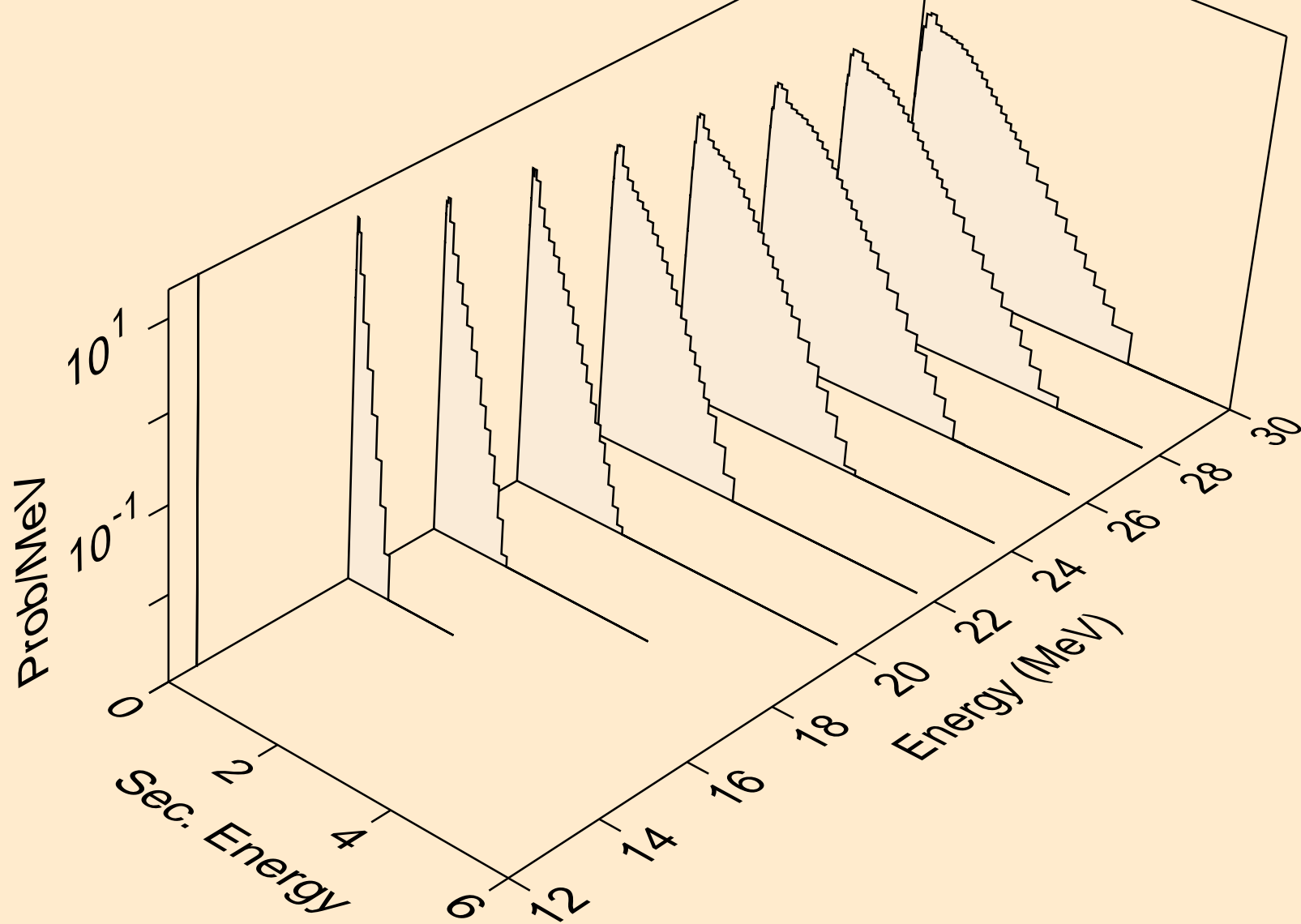
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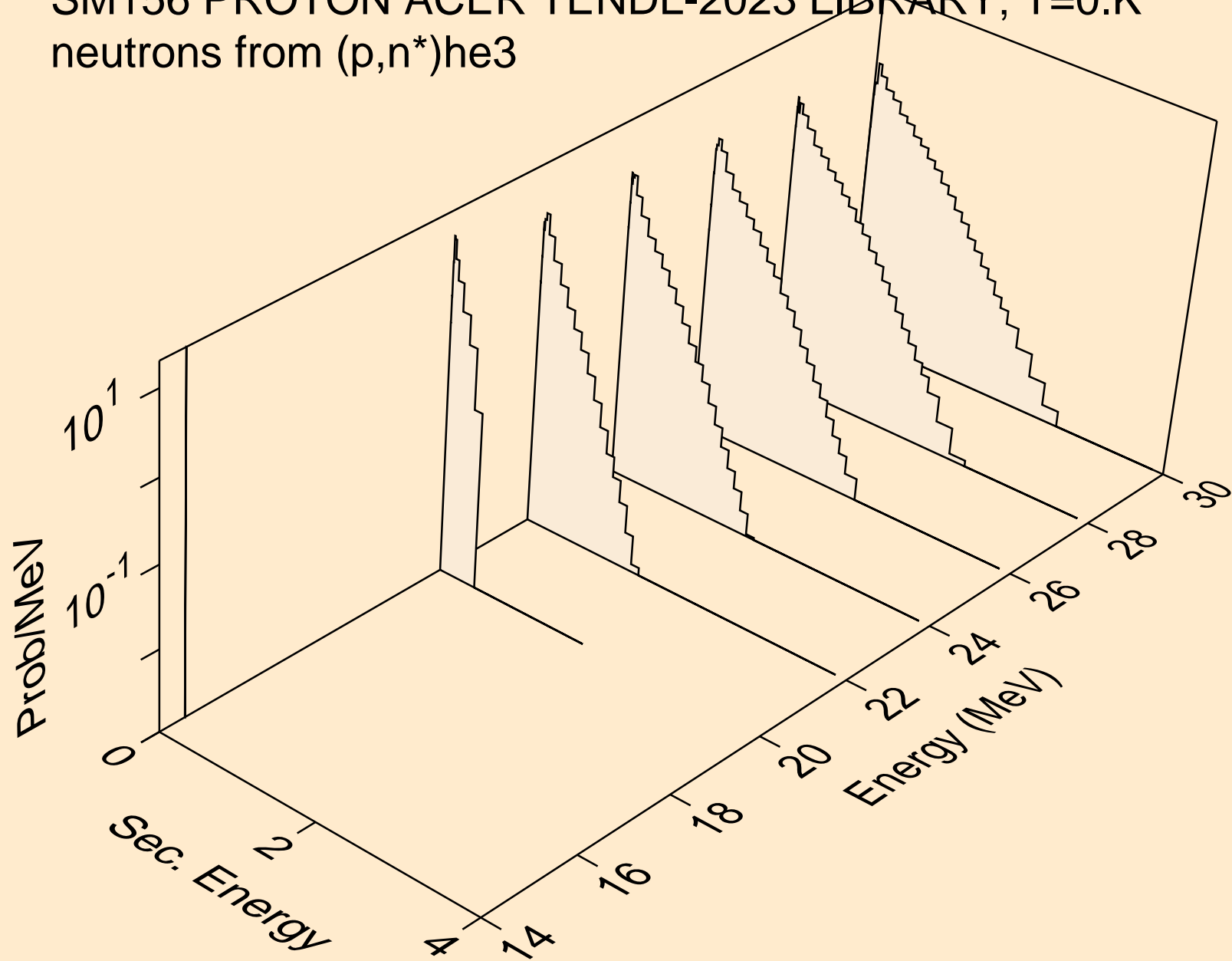
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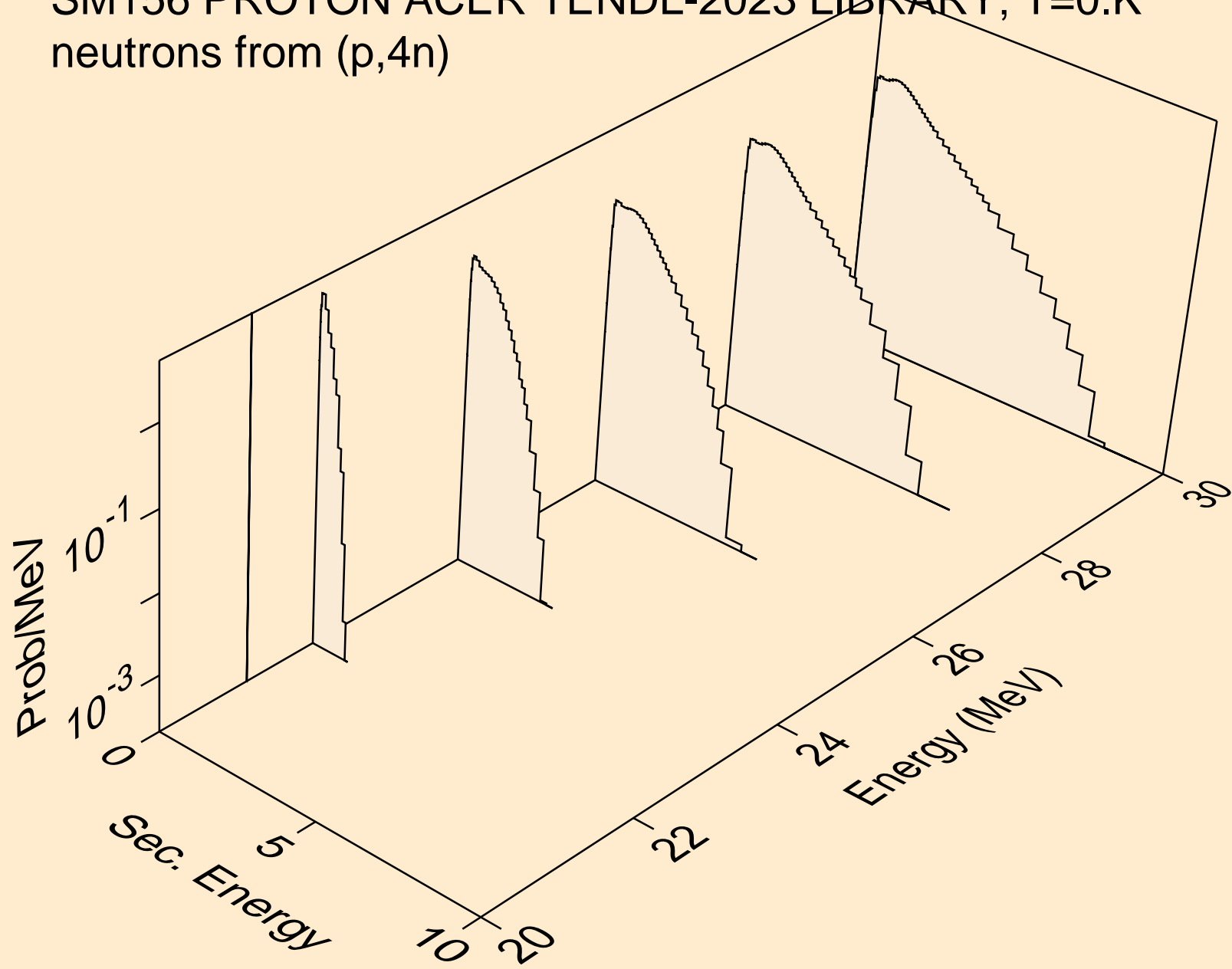
SM156 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
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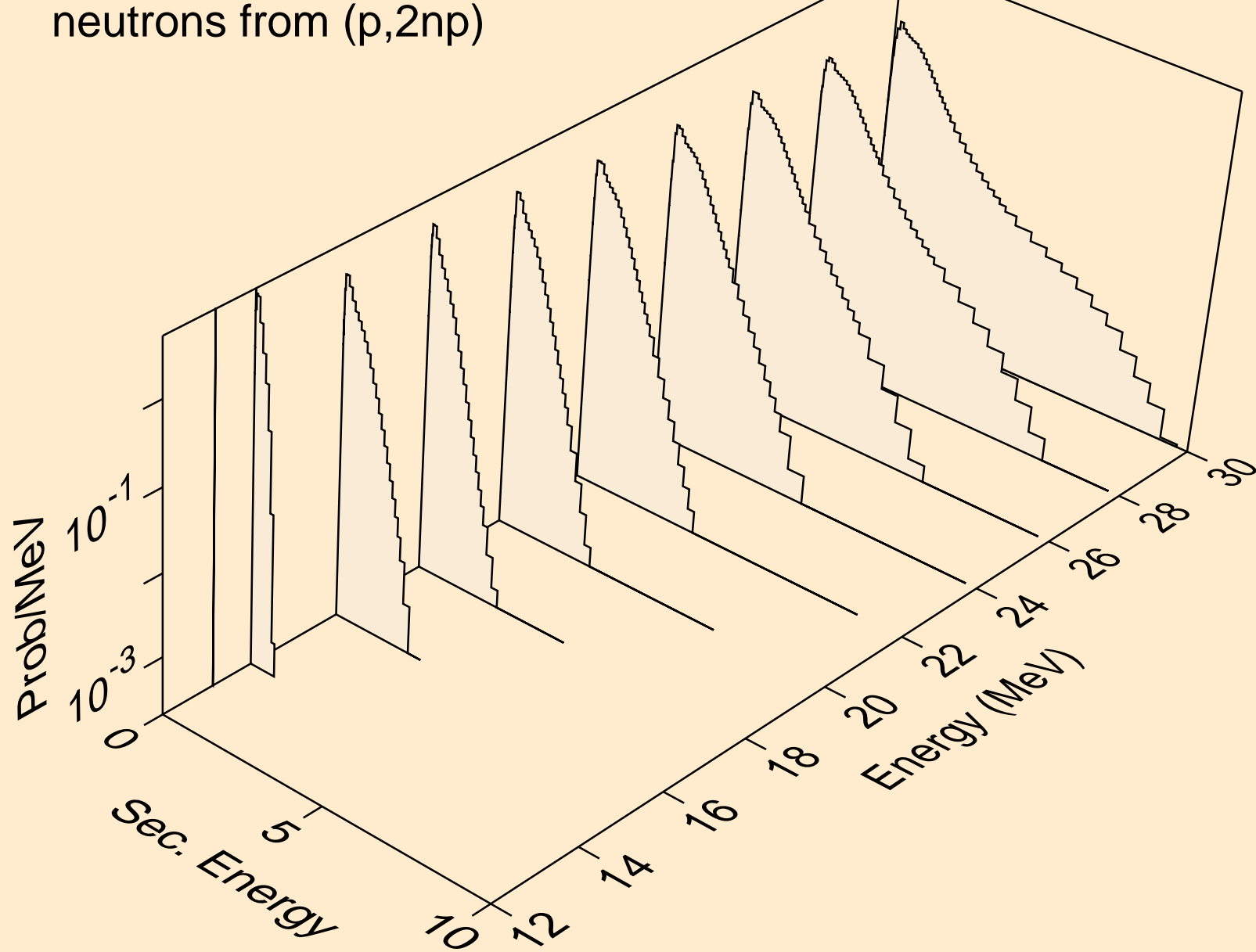
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neutrons from (p,n\*)he3



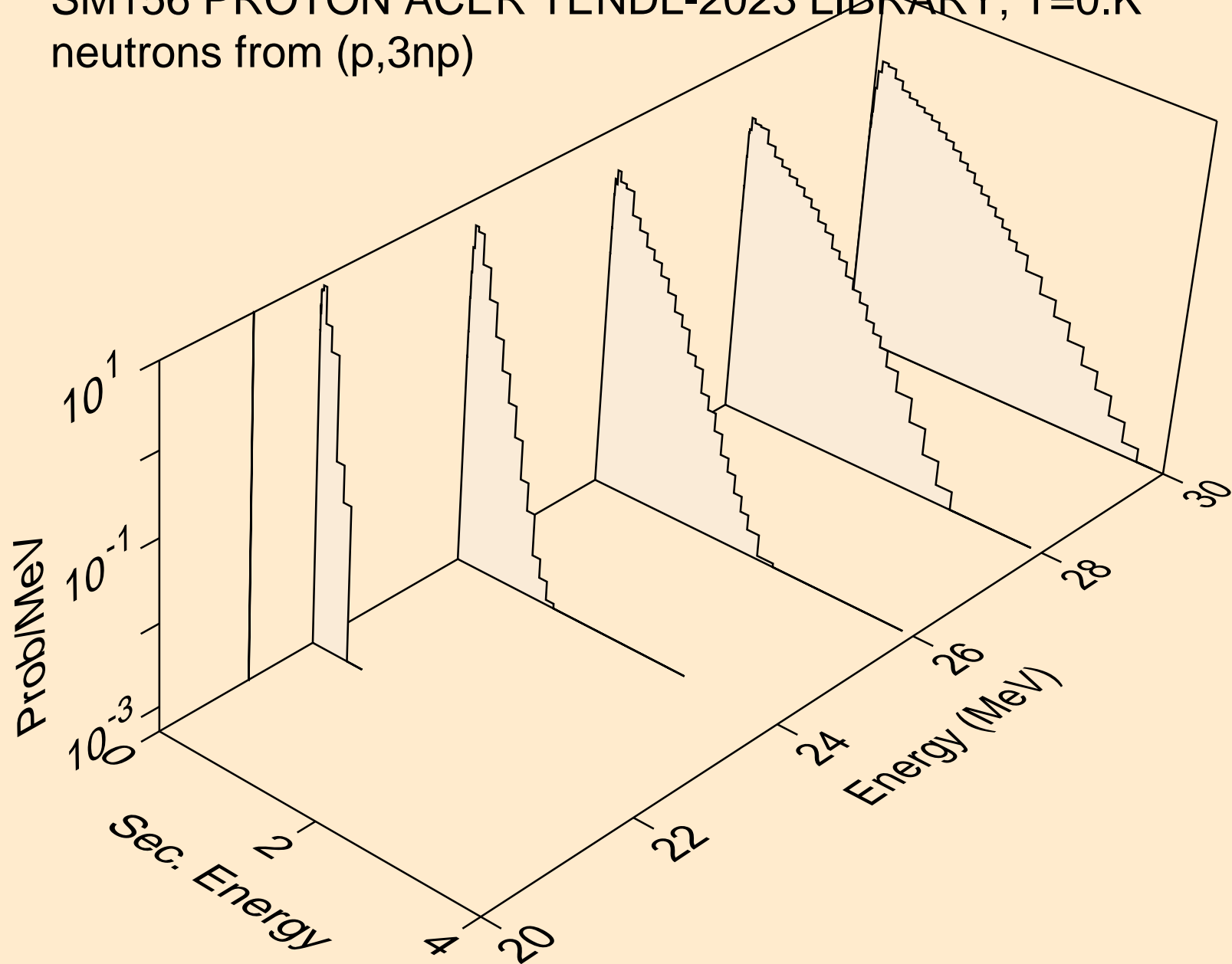
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neutrons from (p,4n)



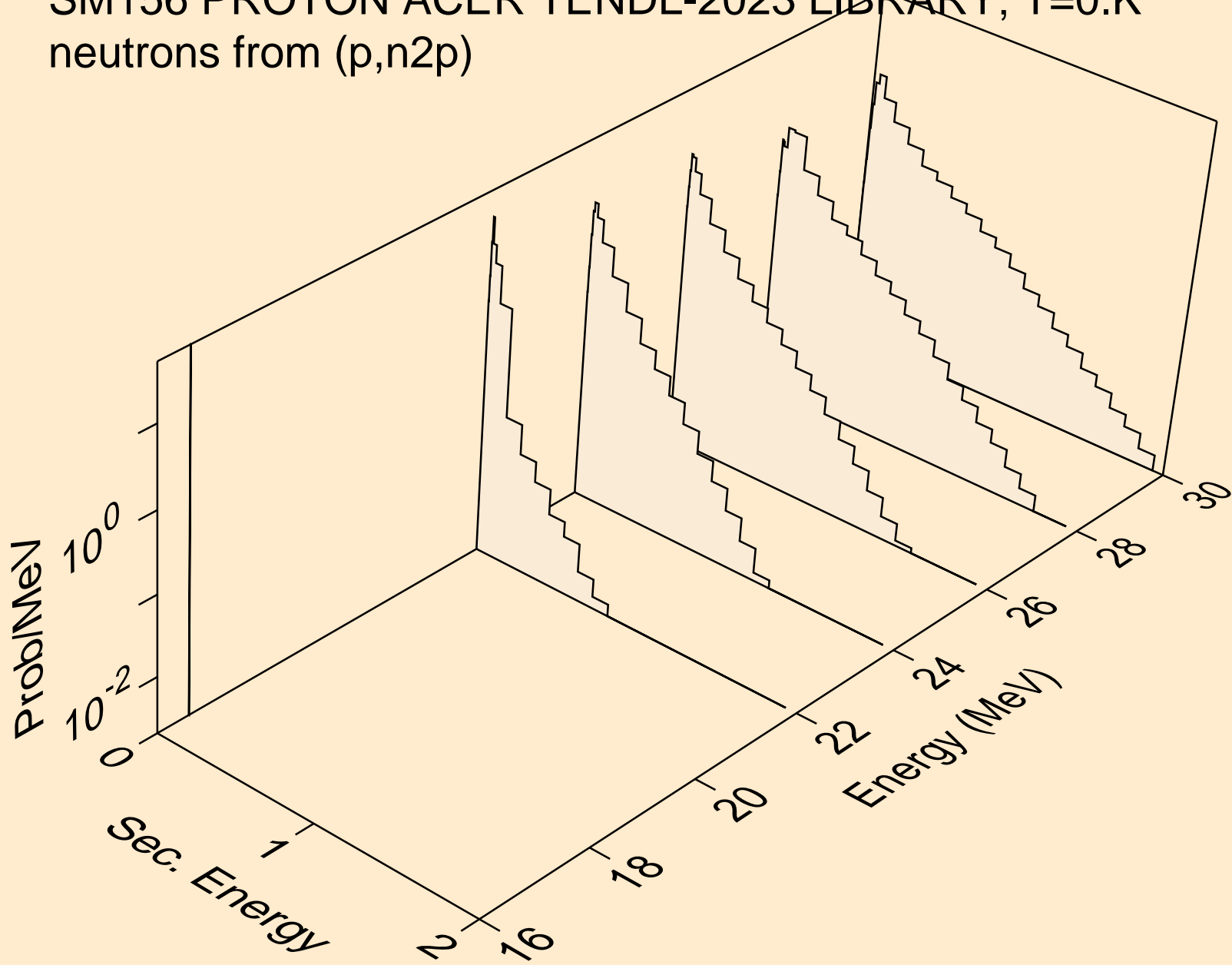
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neutrons from (p,2np)



SM156 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
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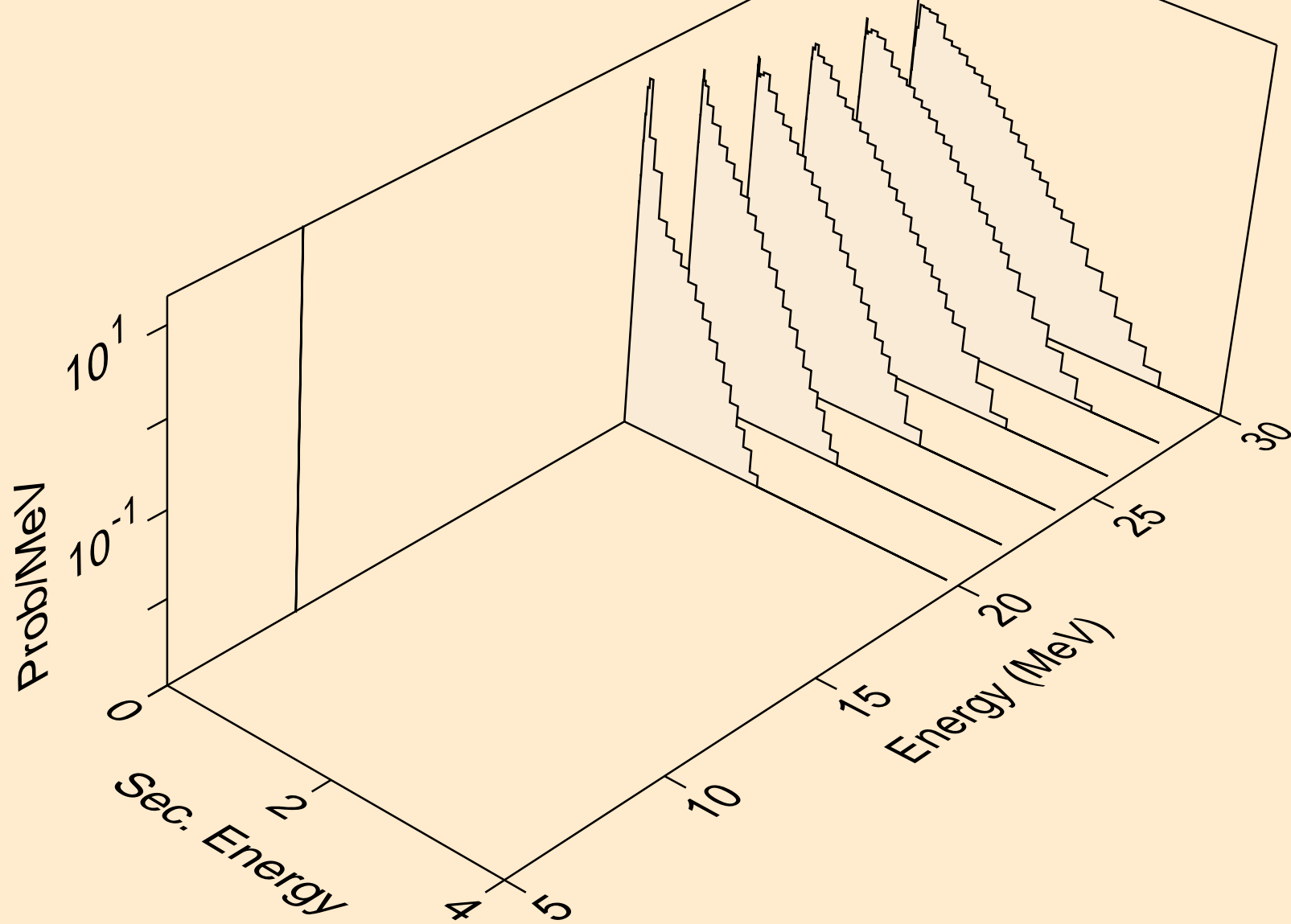


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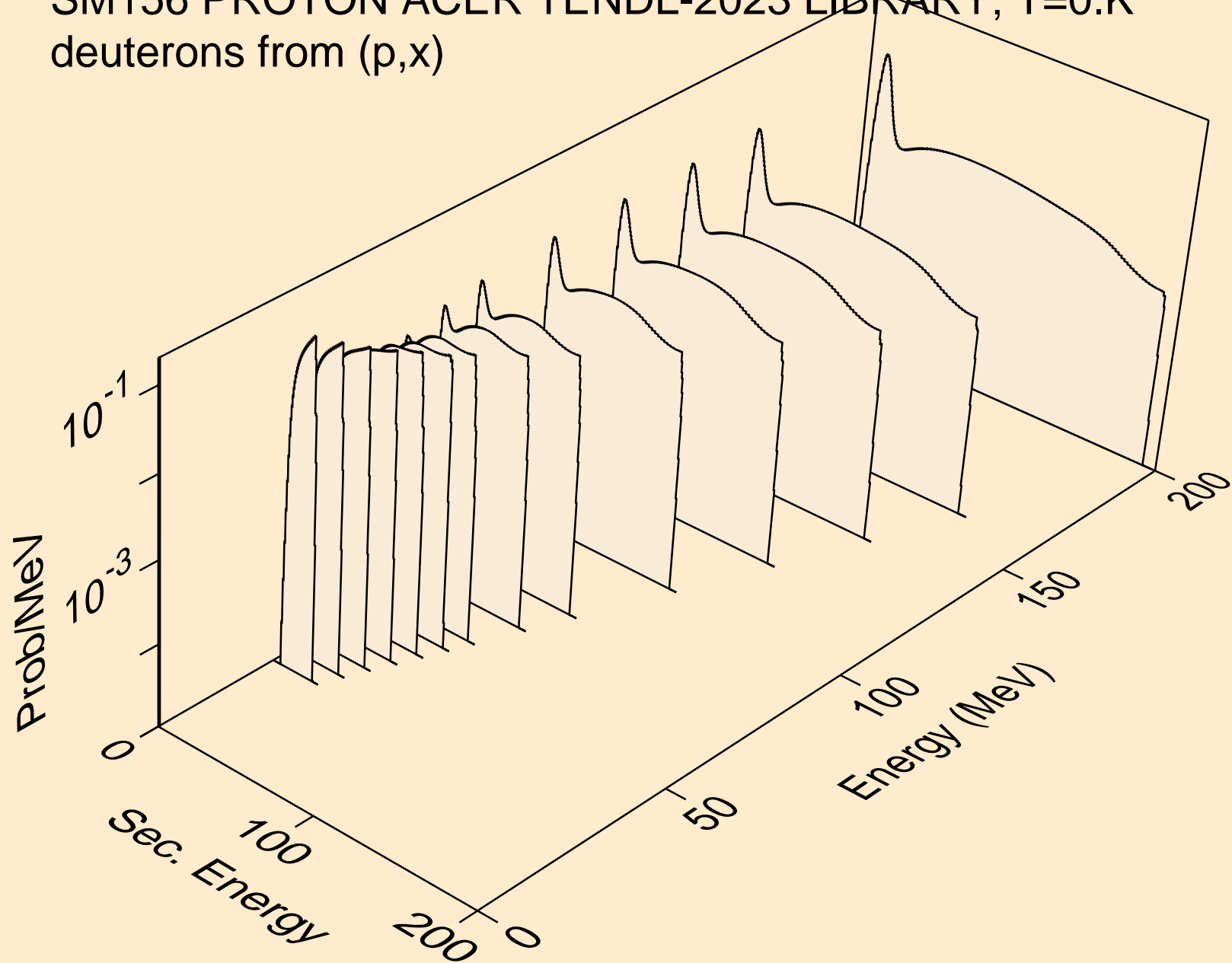




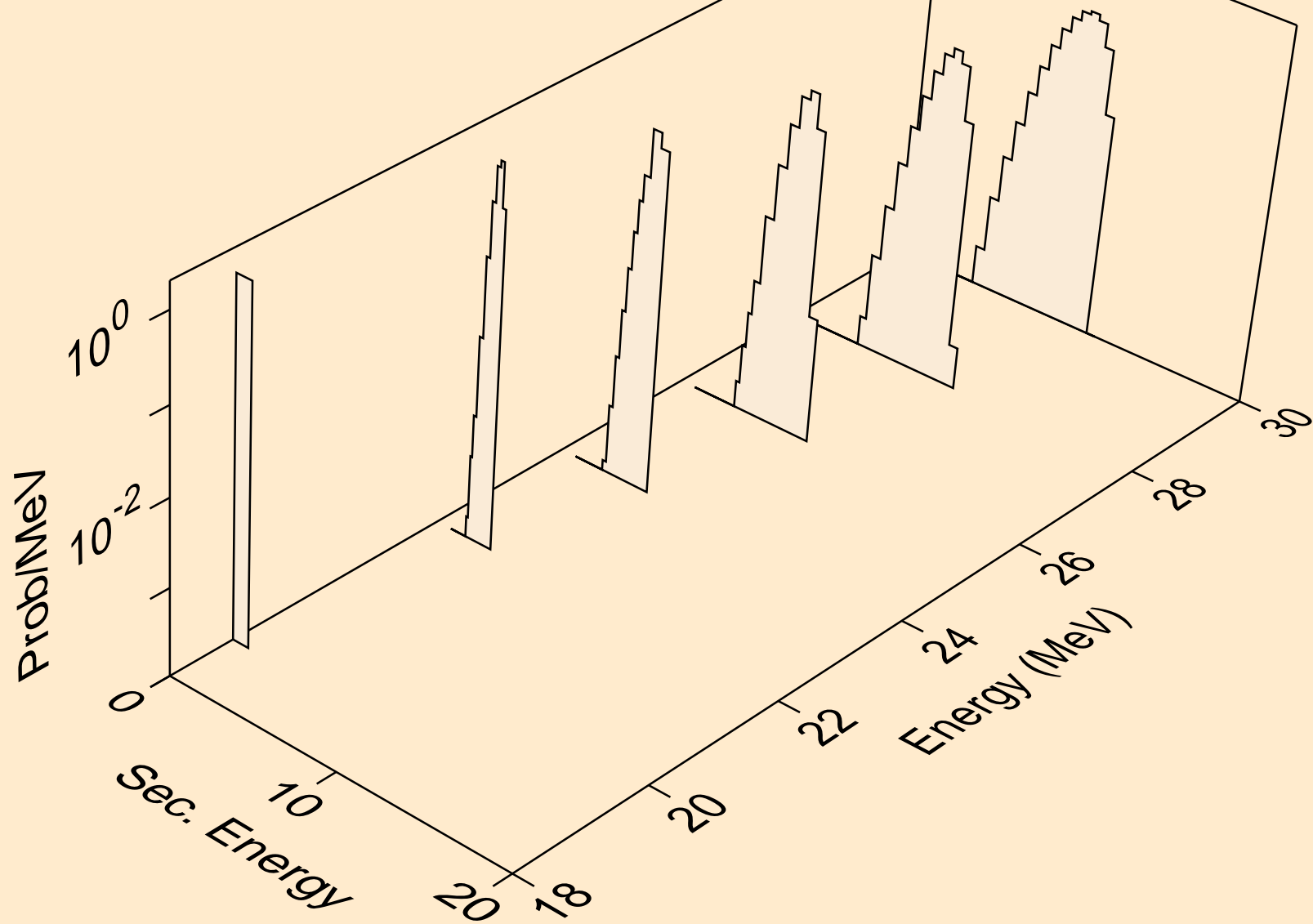
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neutrons from (p,npa)



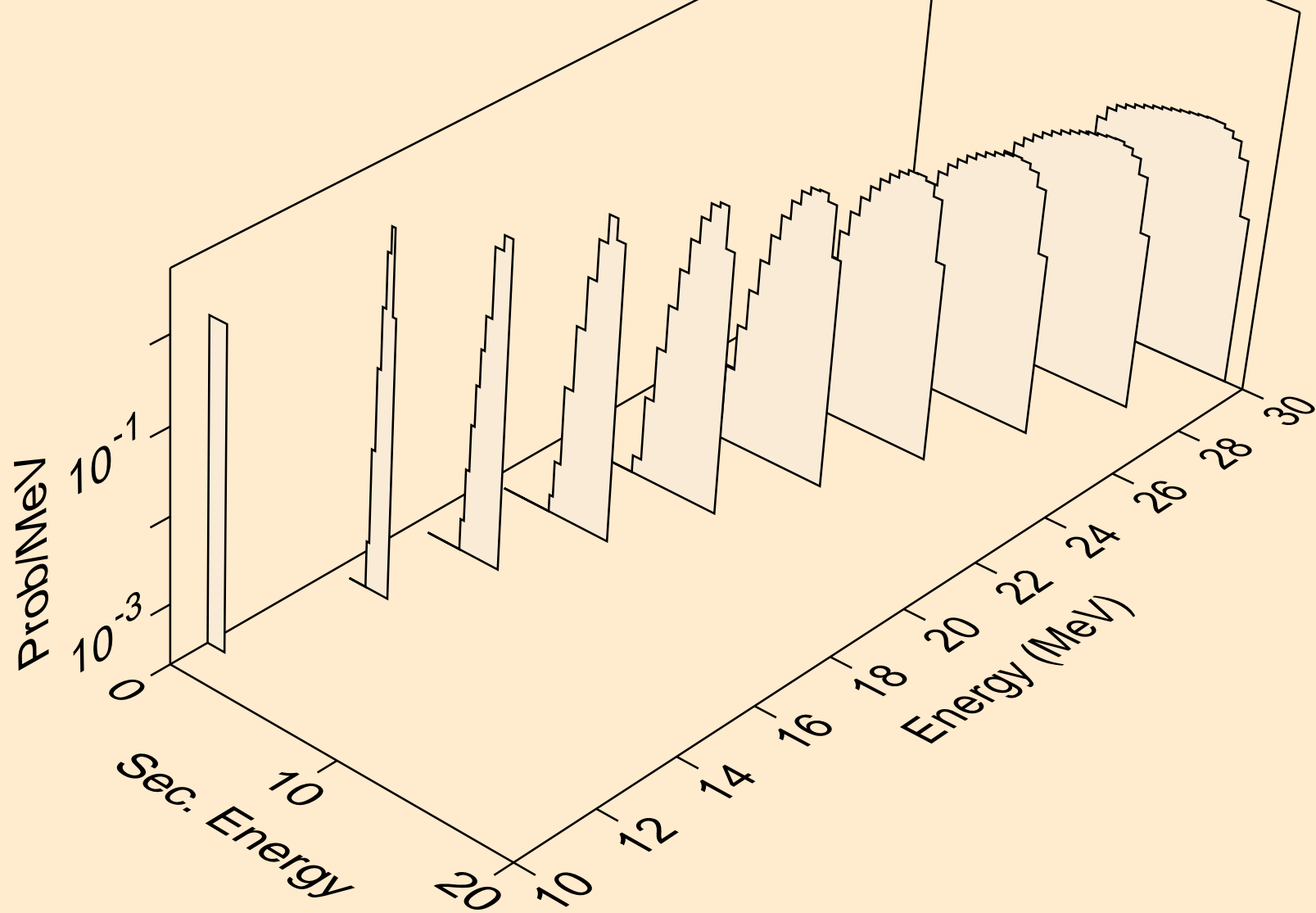
SM156 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,x)



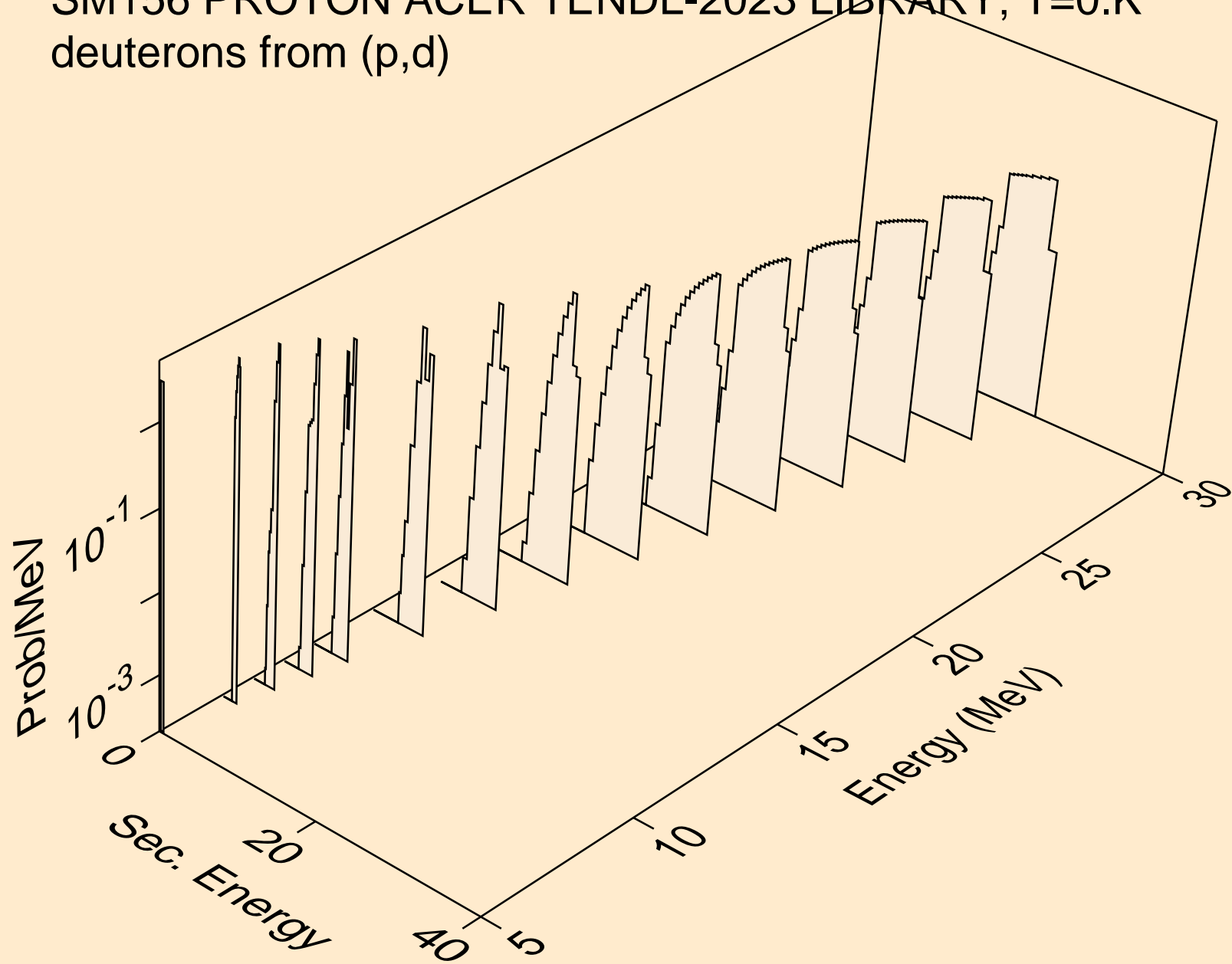
SM156 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,2nd)



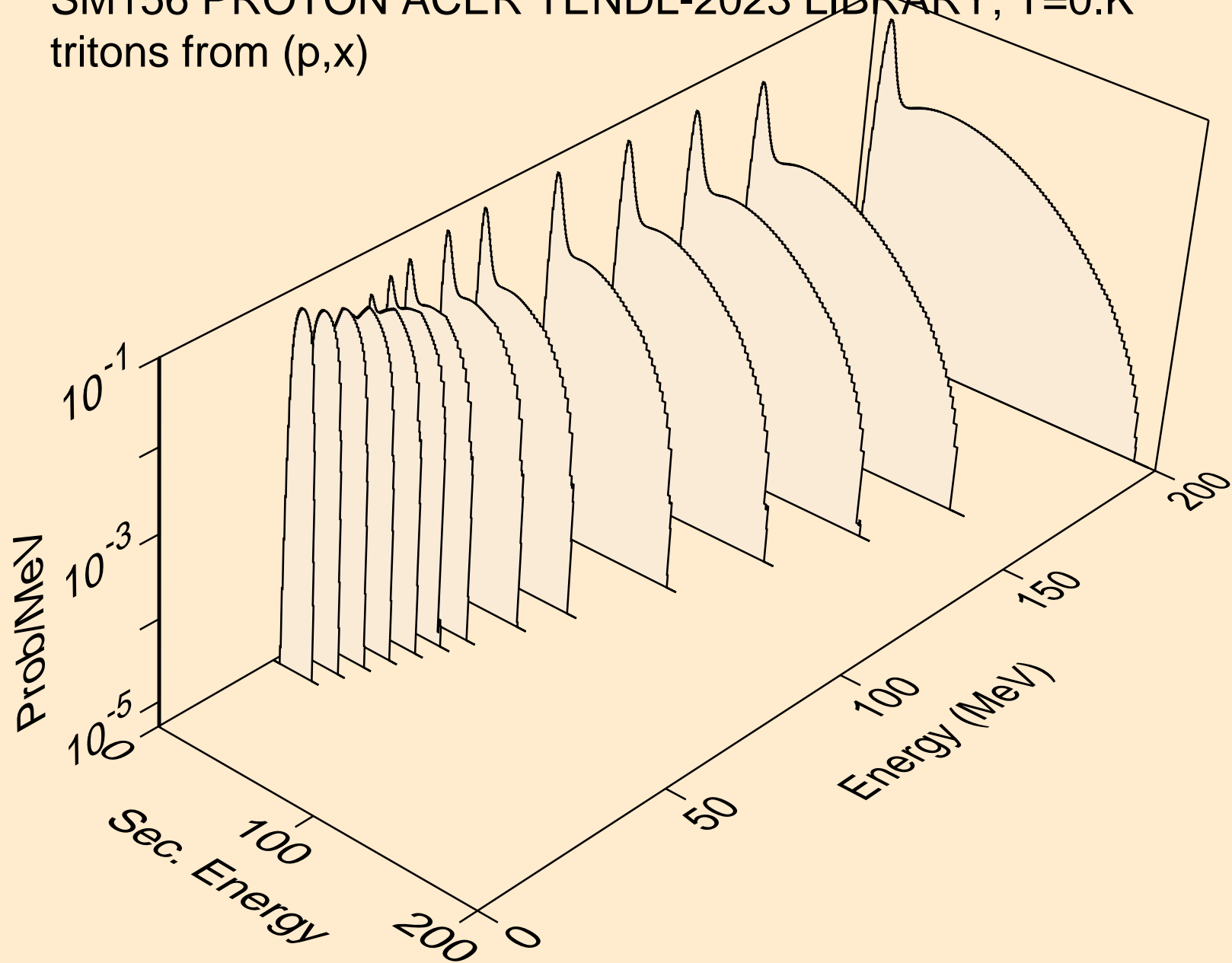
SM156 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,n\*)d



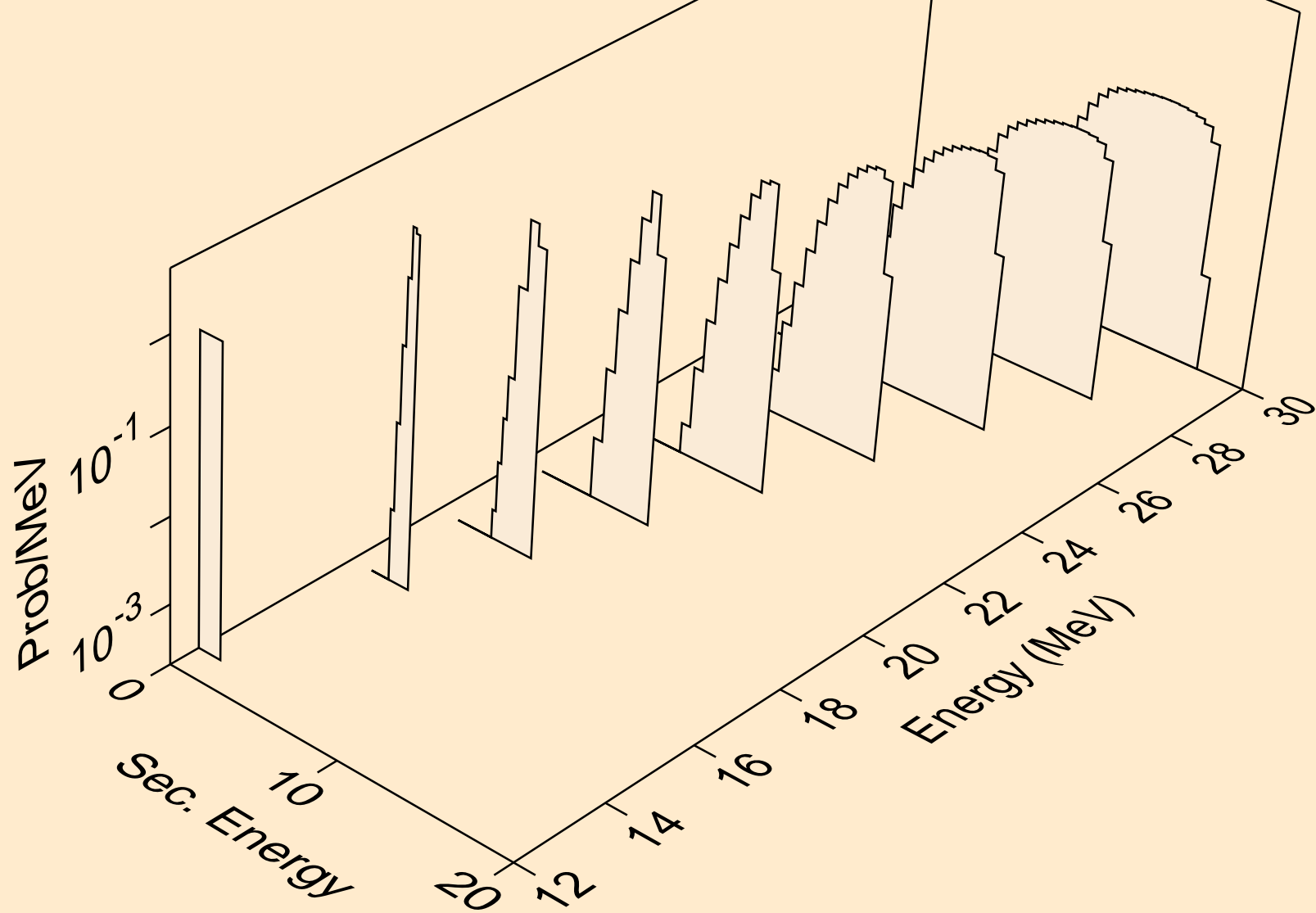
SM156 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,d)



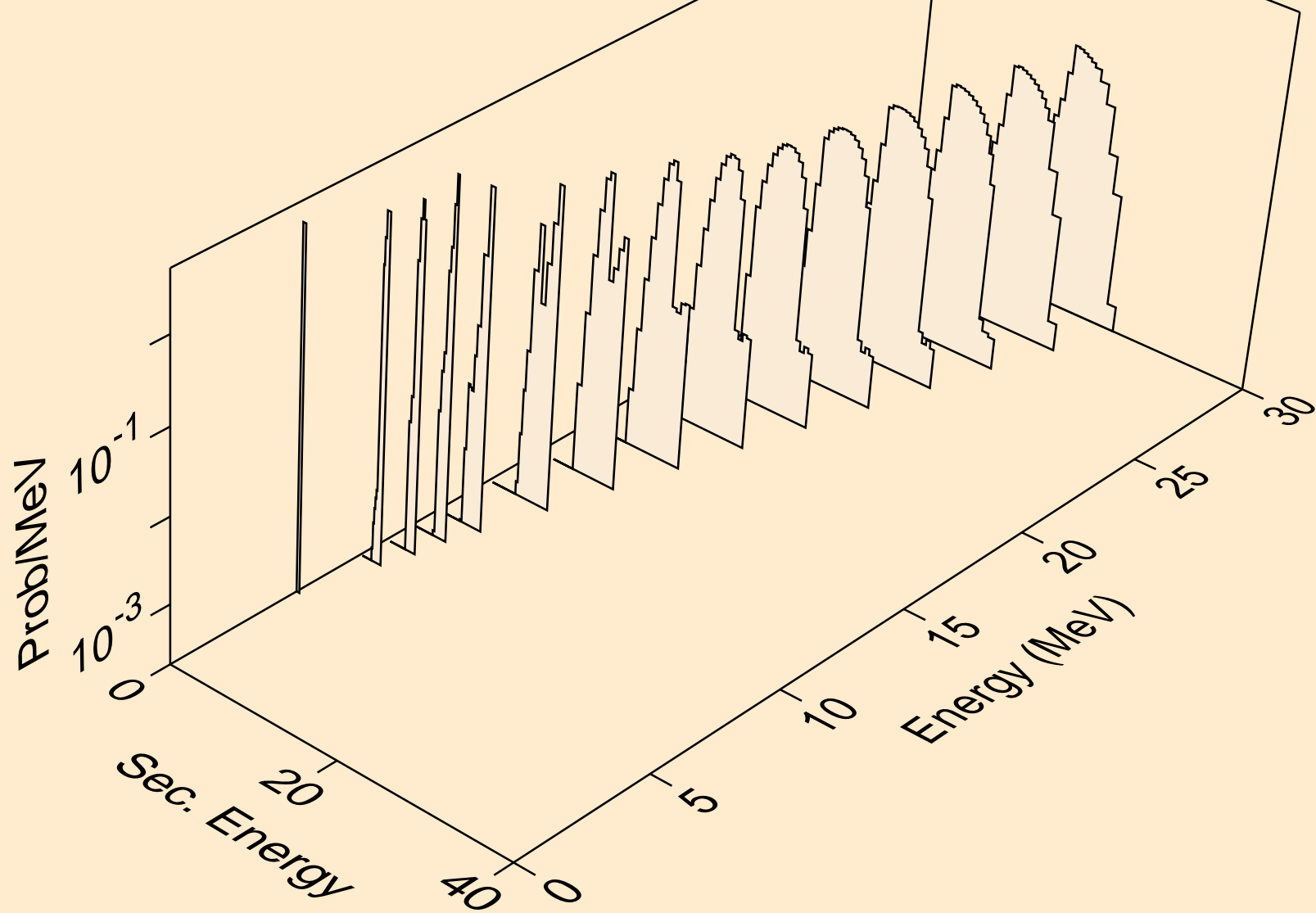
SM156 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,x)



SM156 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,n\*)t

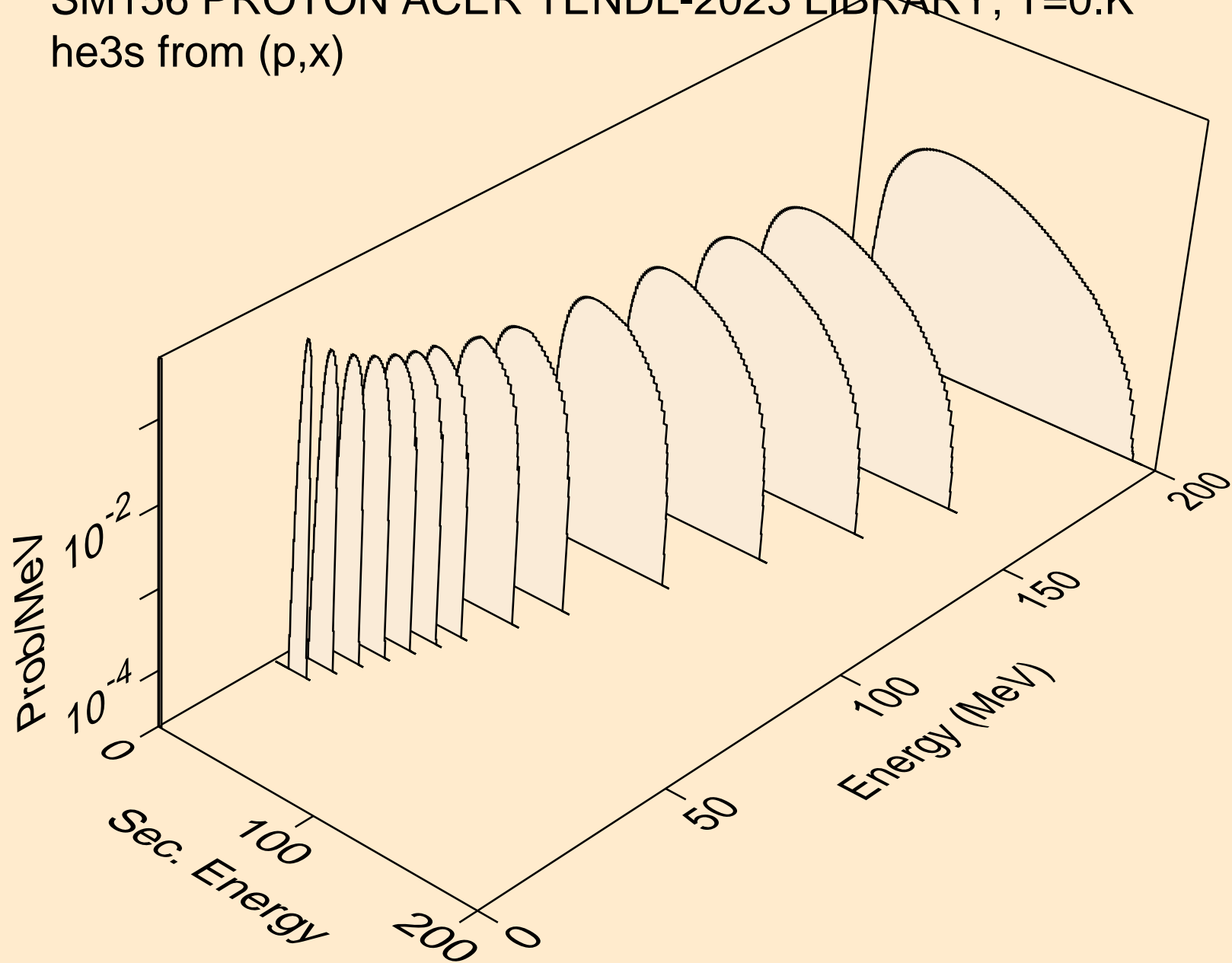


SM156 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,t)

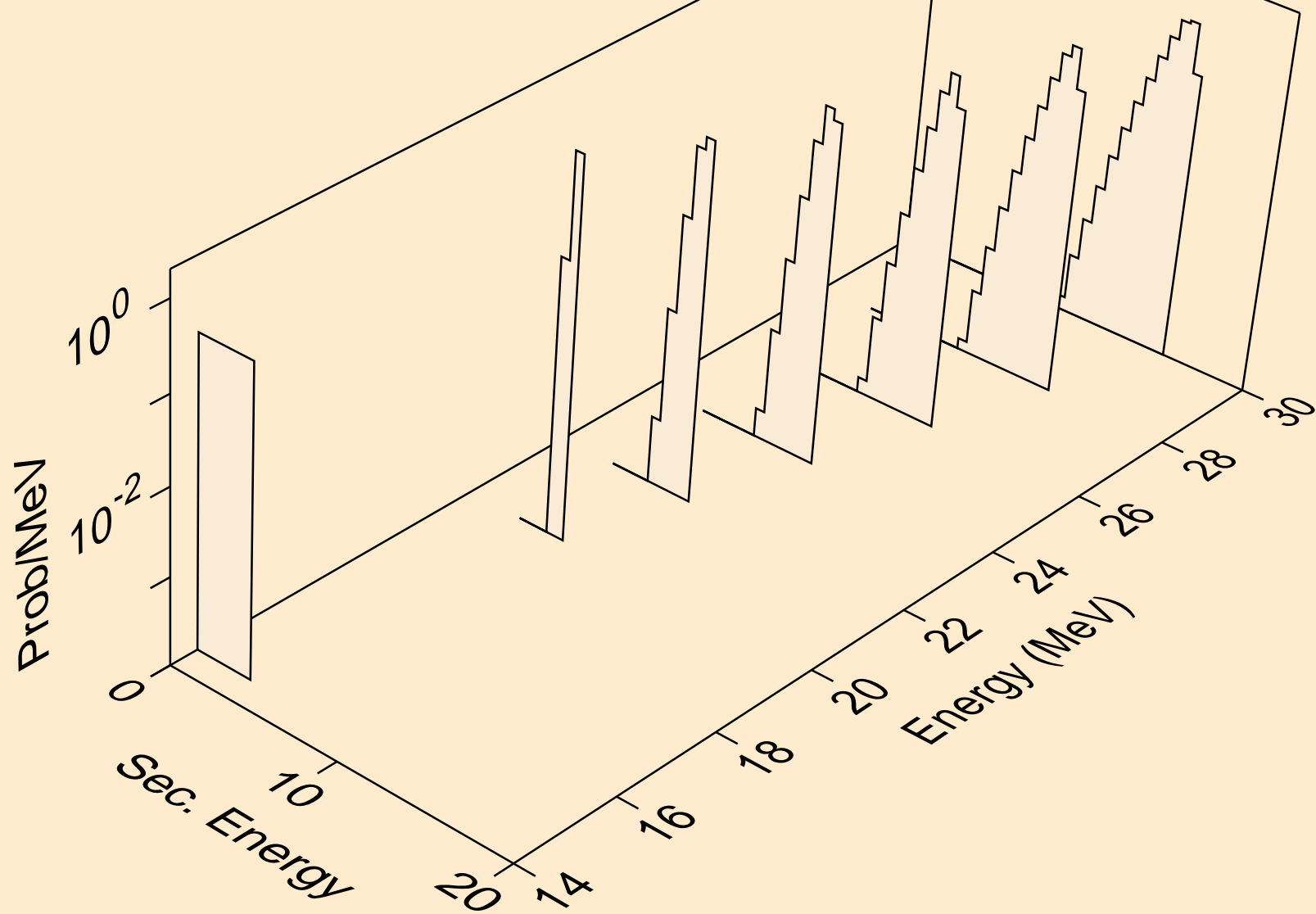




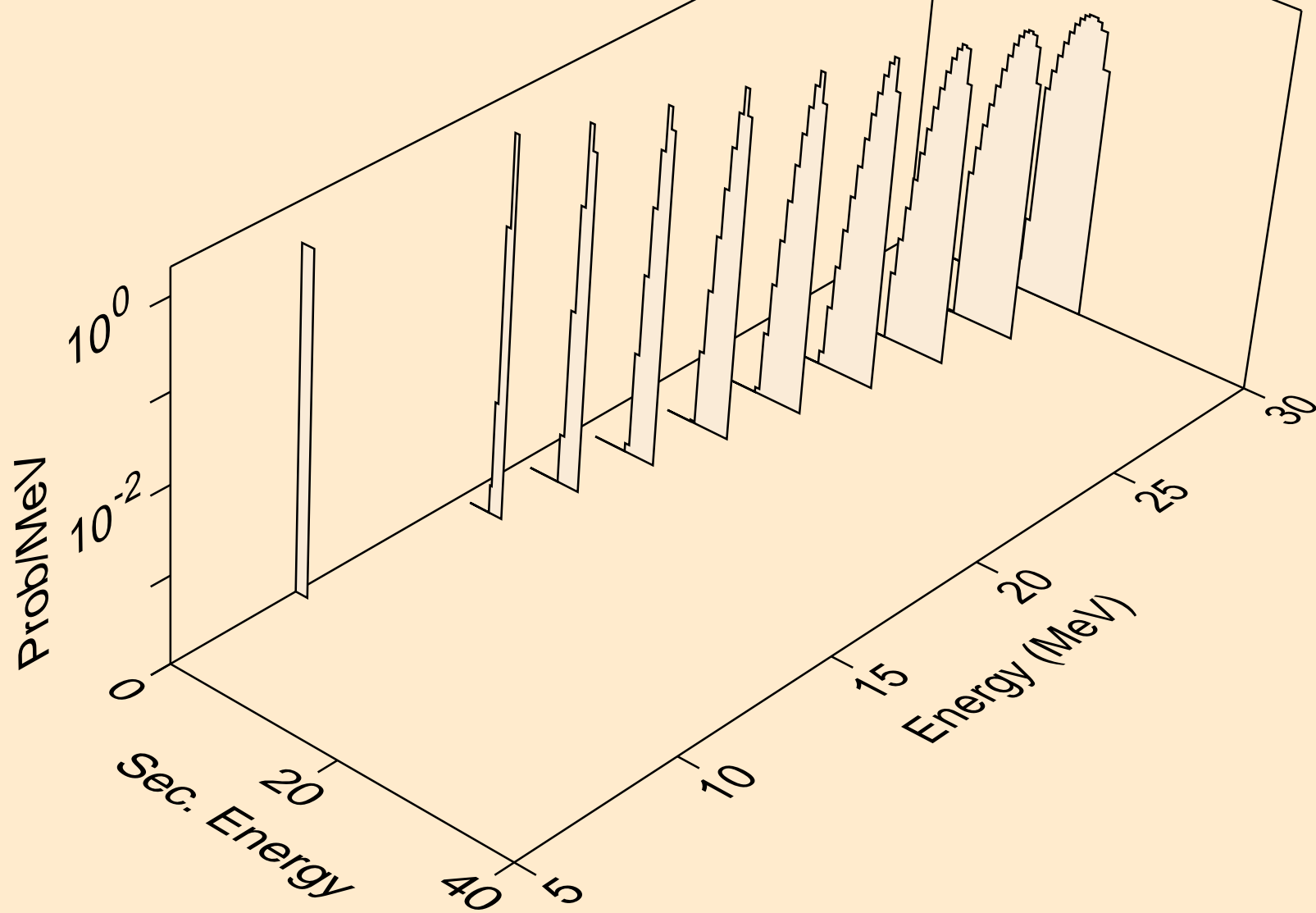
SM156 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)



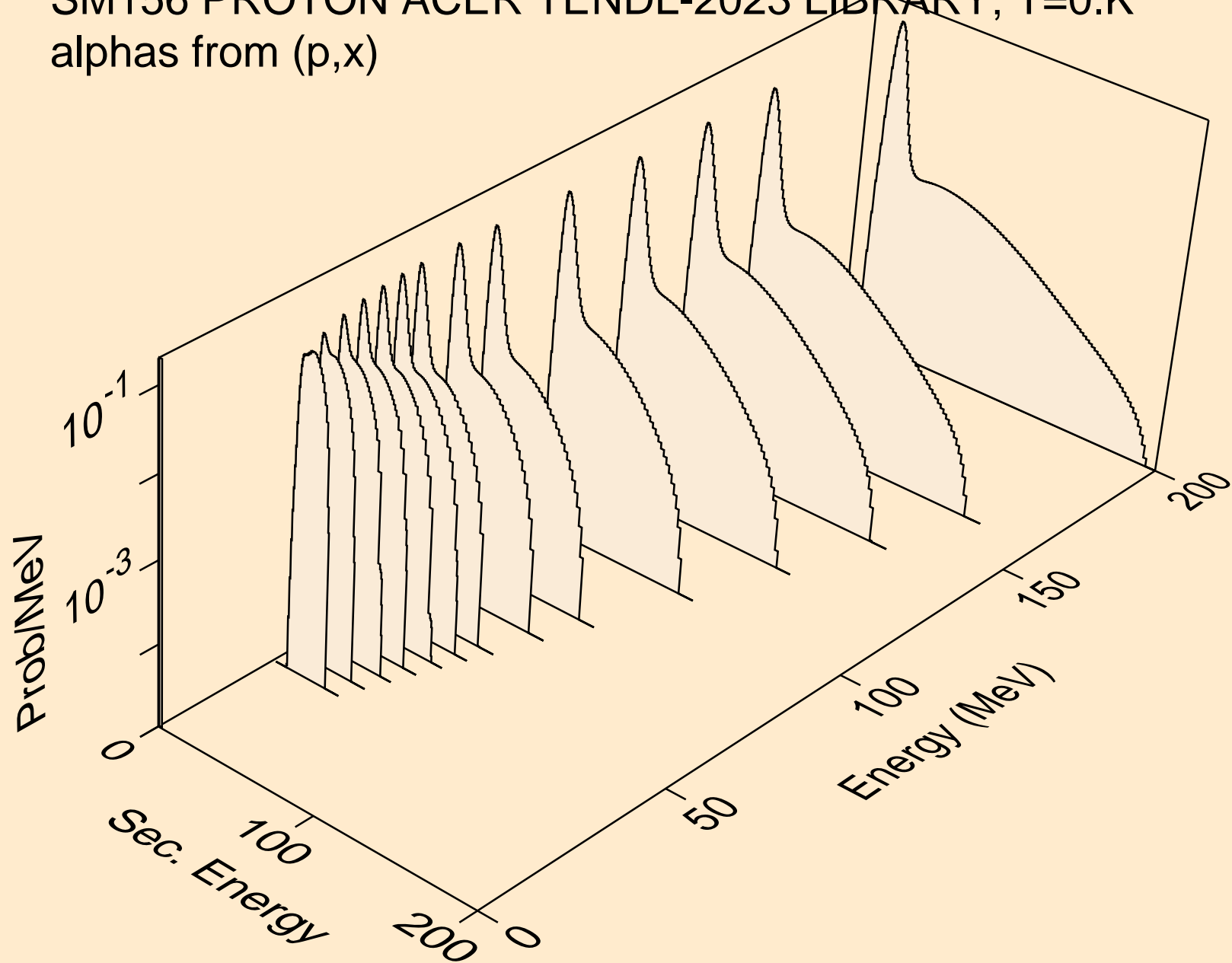
SM156 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,n\*)he3



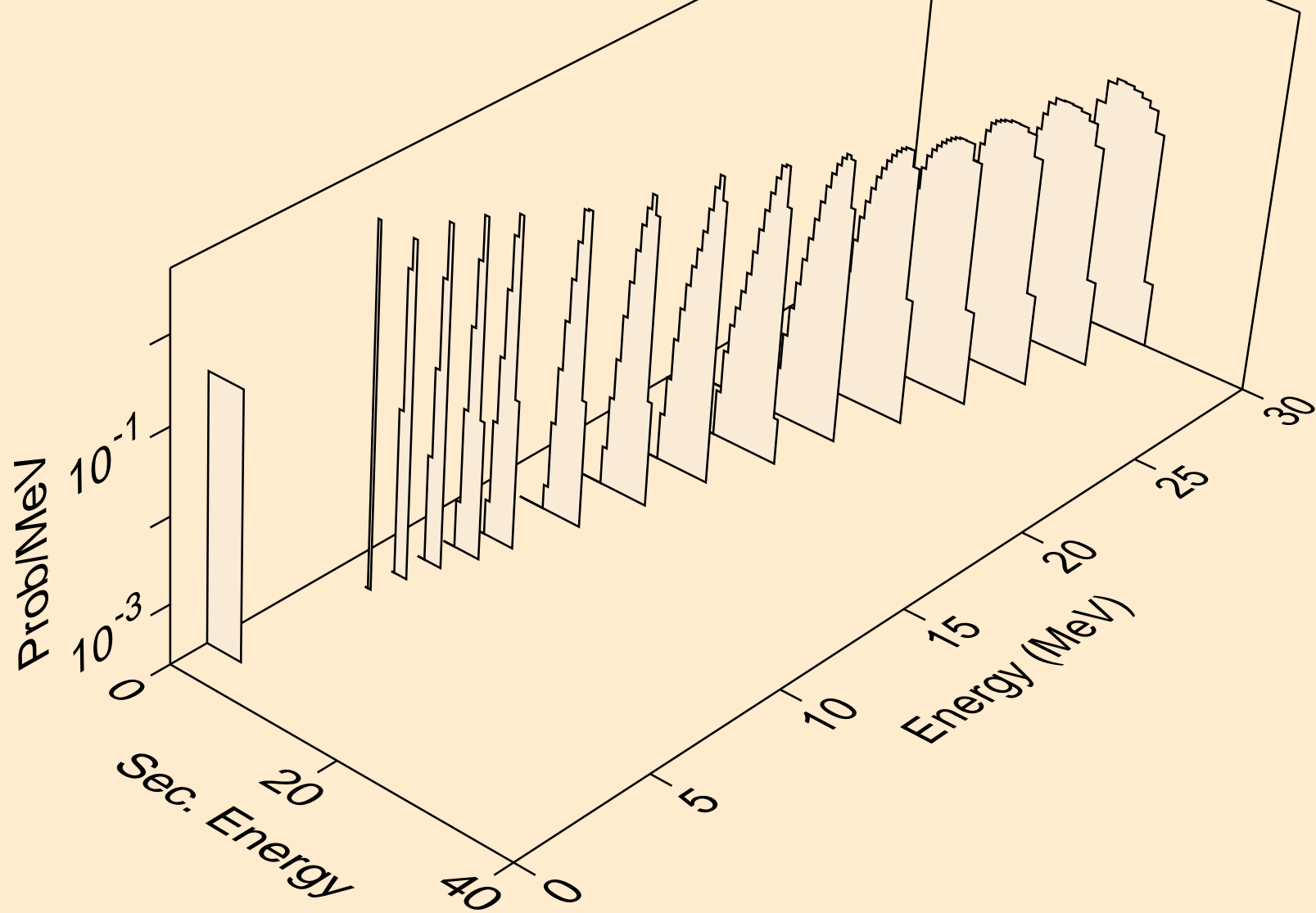
SM156 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,he3)



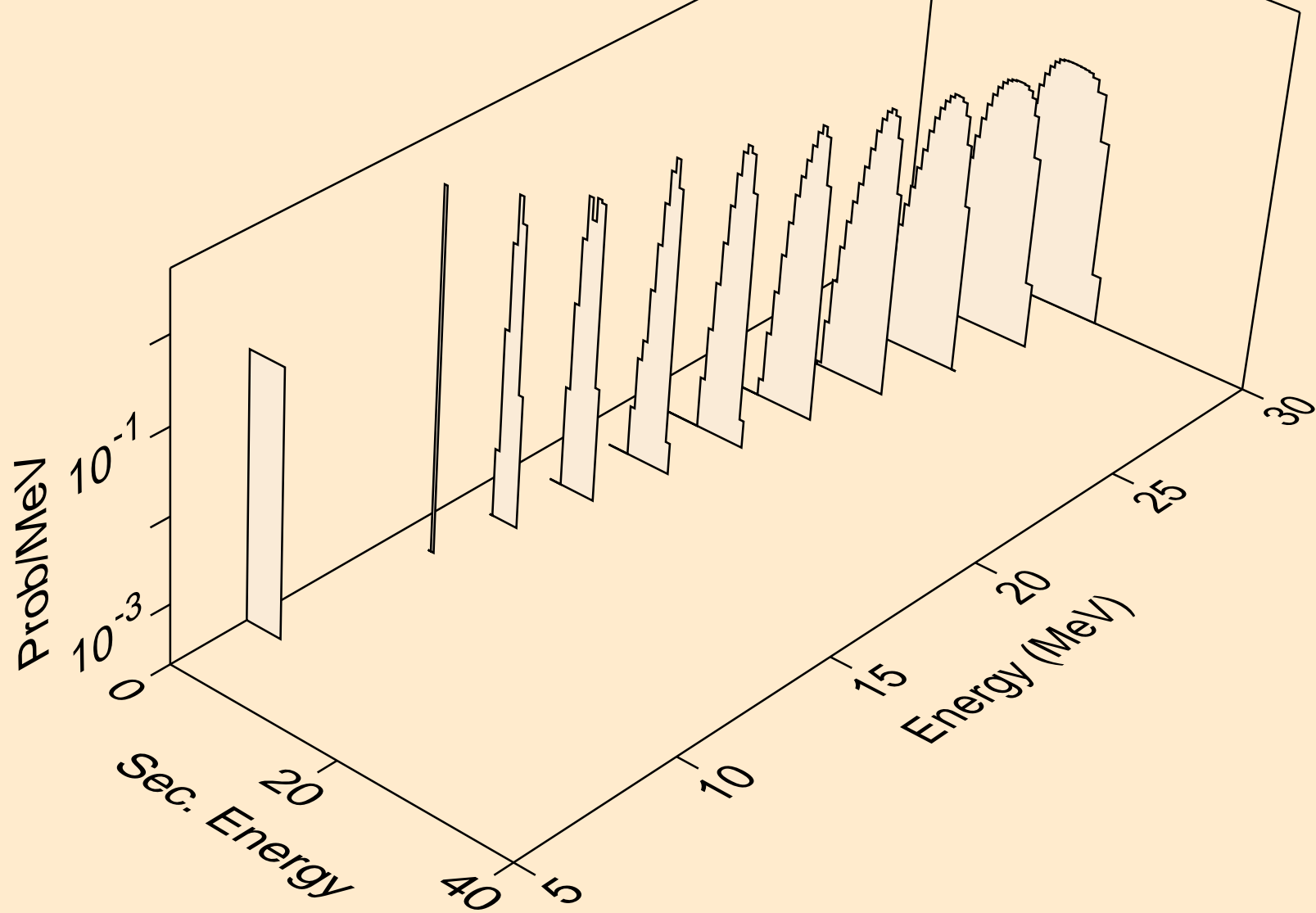
SM156 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)



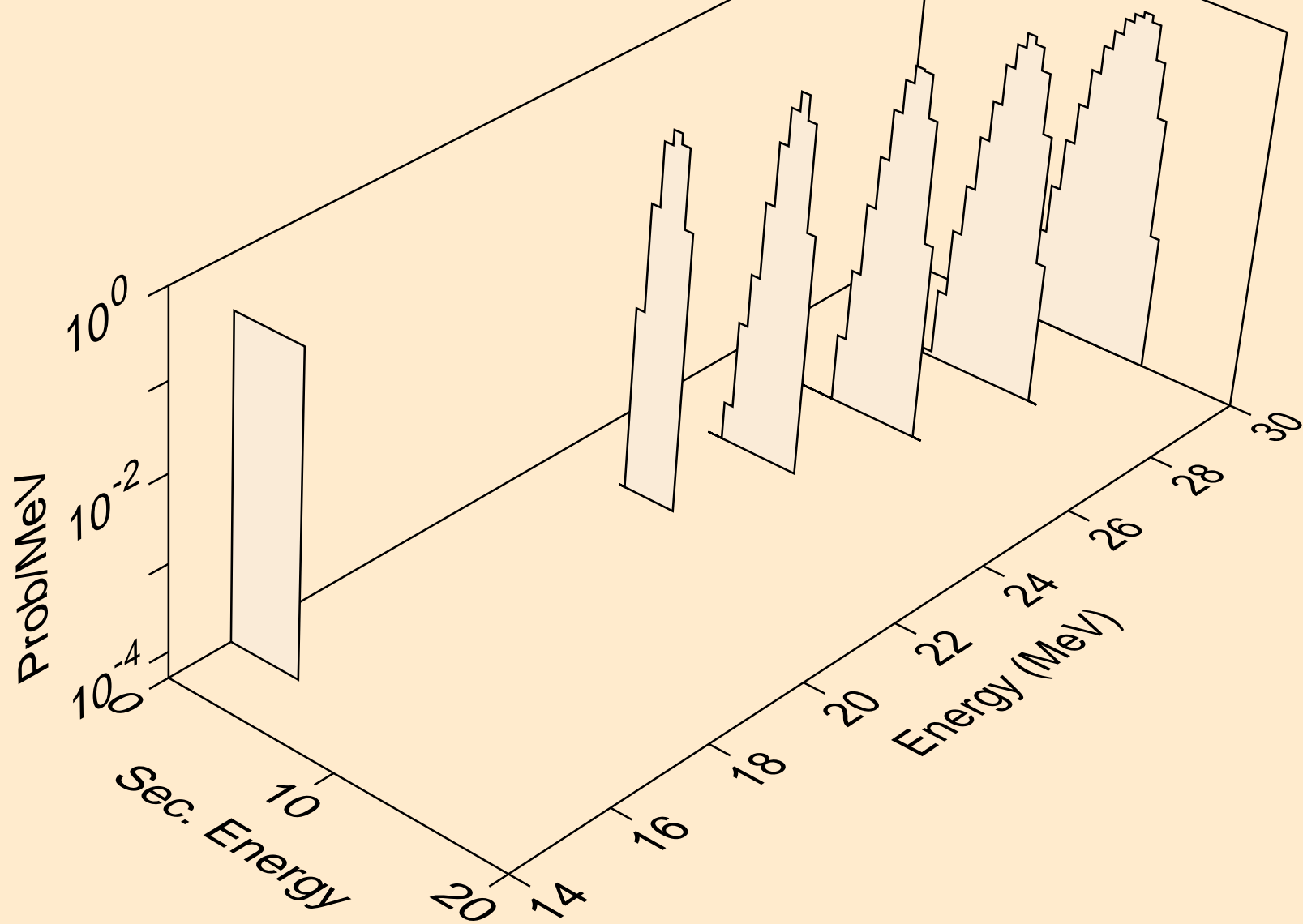
SM156 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a



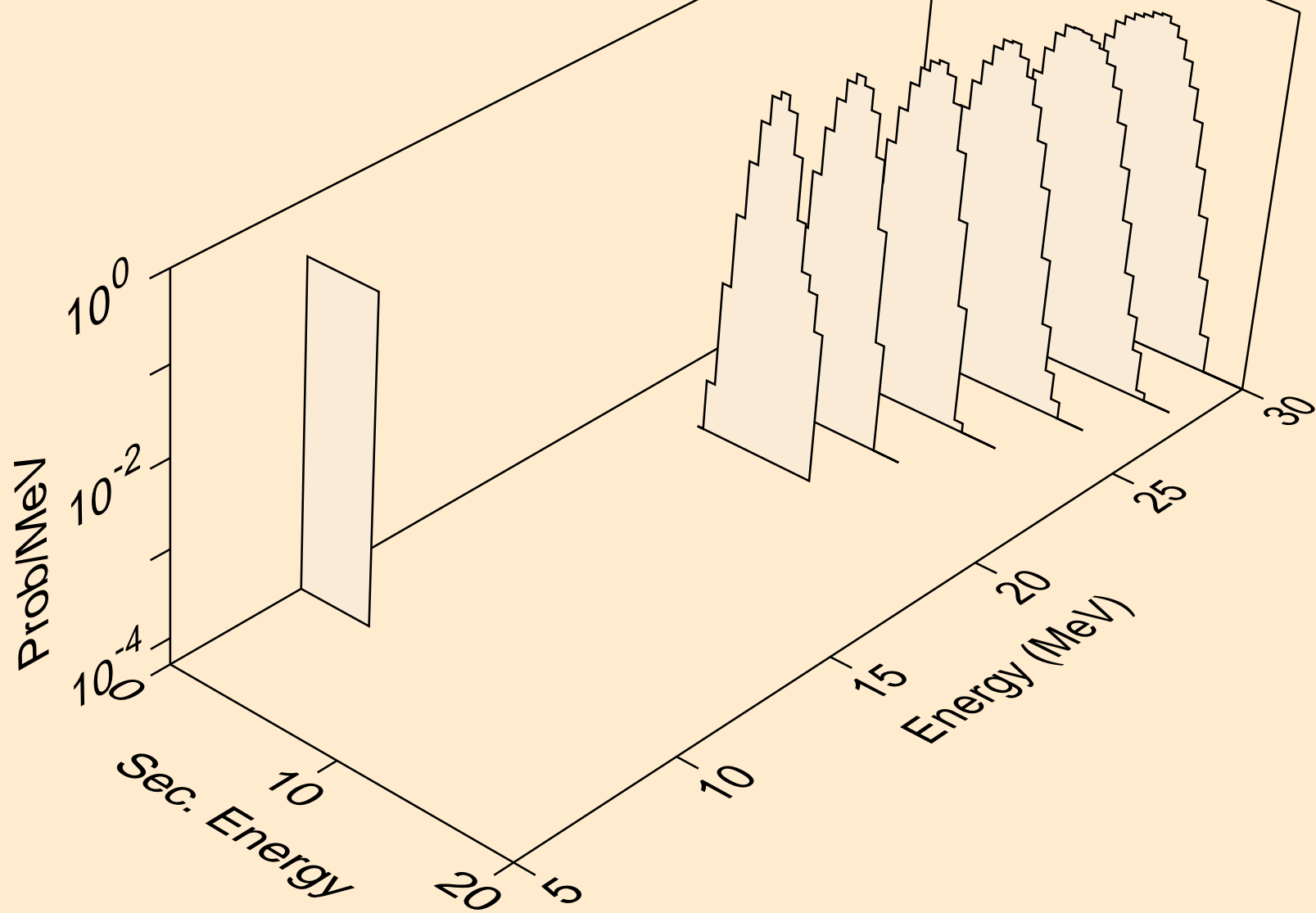
SM156 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)a



SM156 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,3n)a

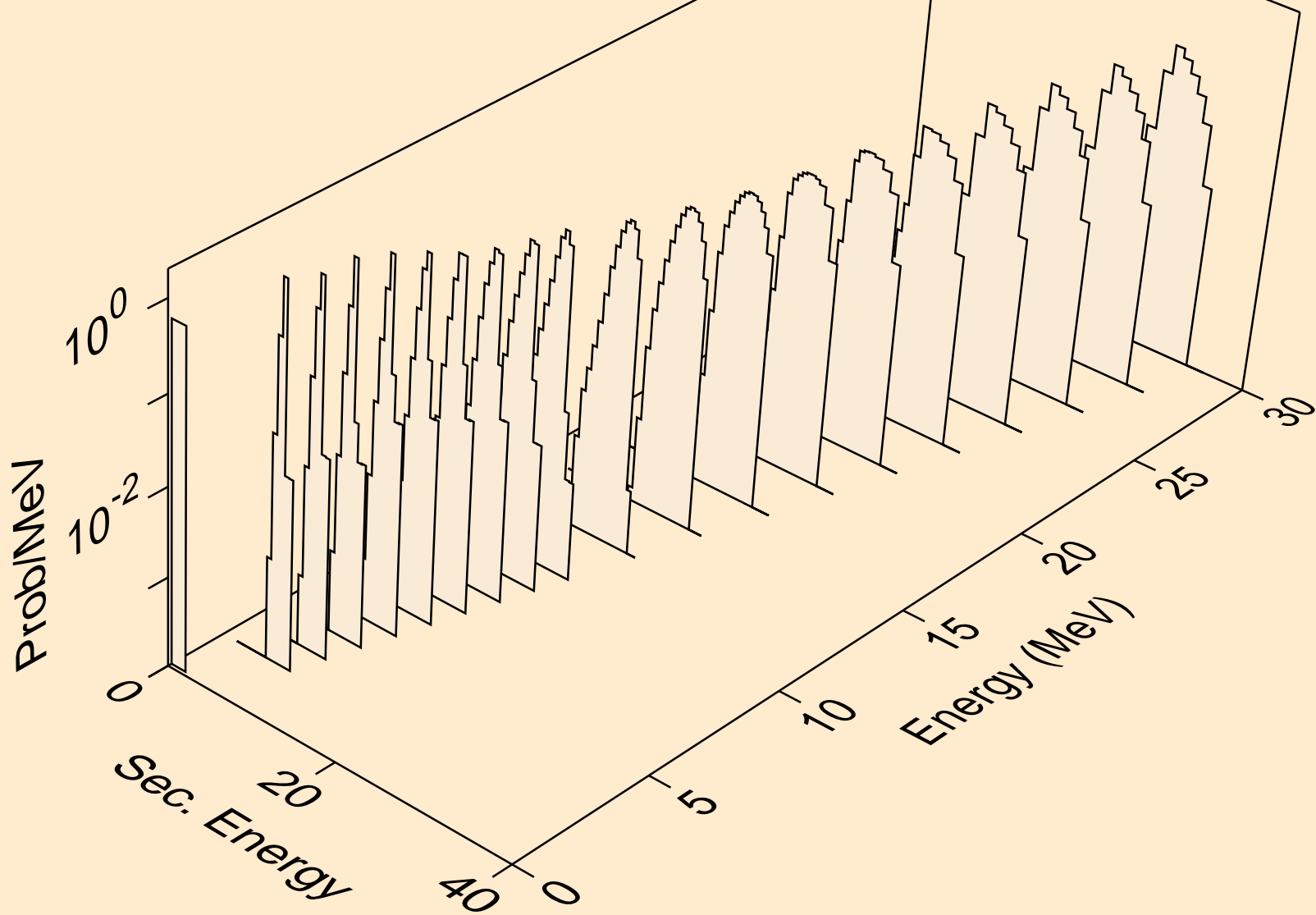


SM156 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,npa)





SM156 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)



SM156 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,pa)

