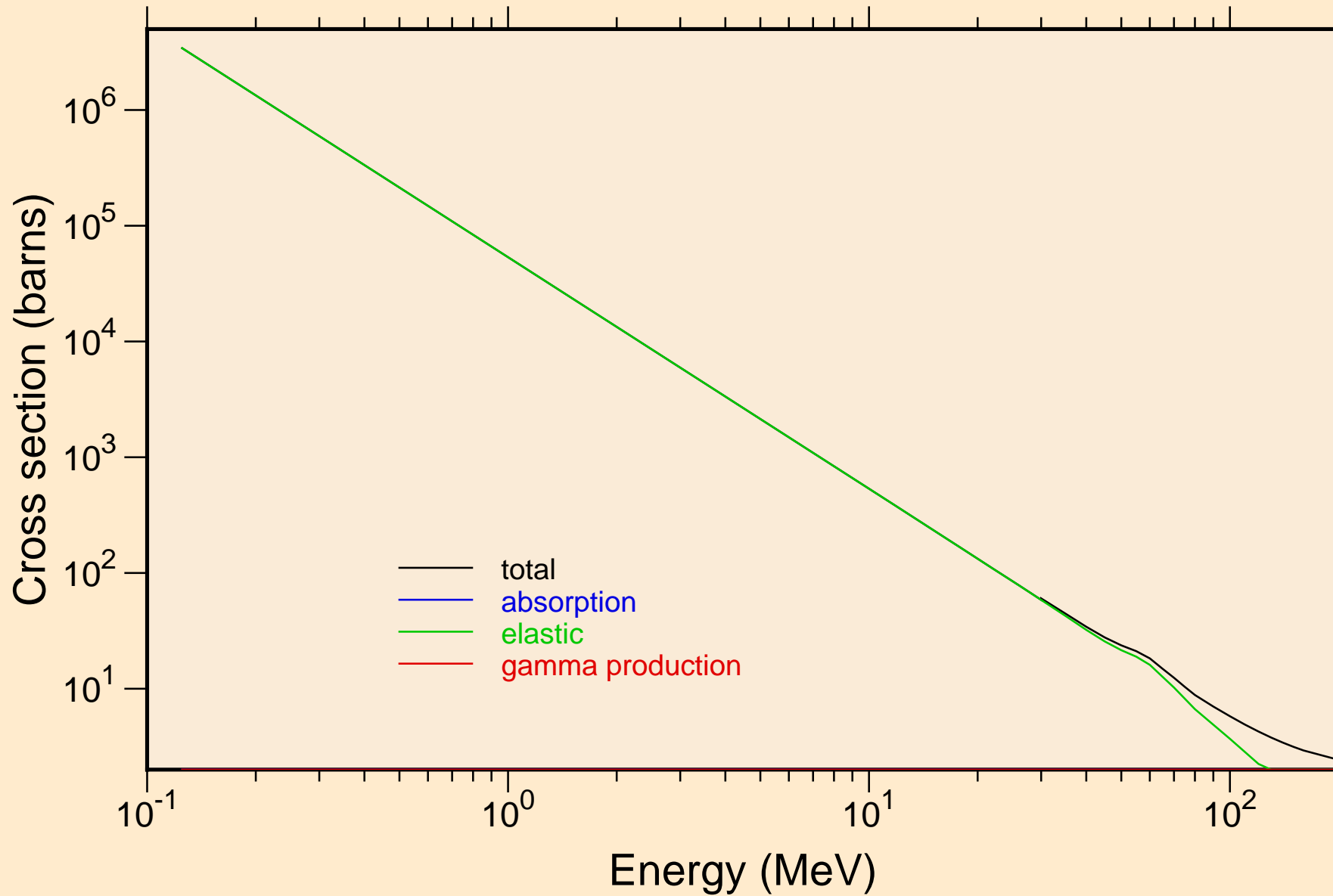


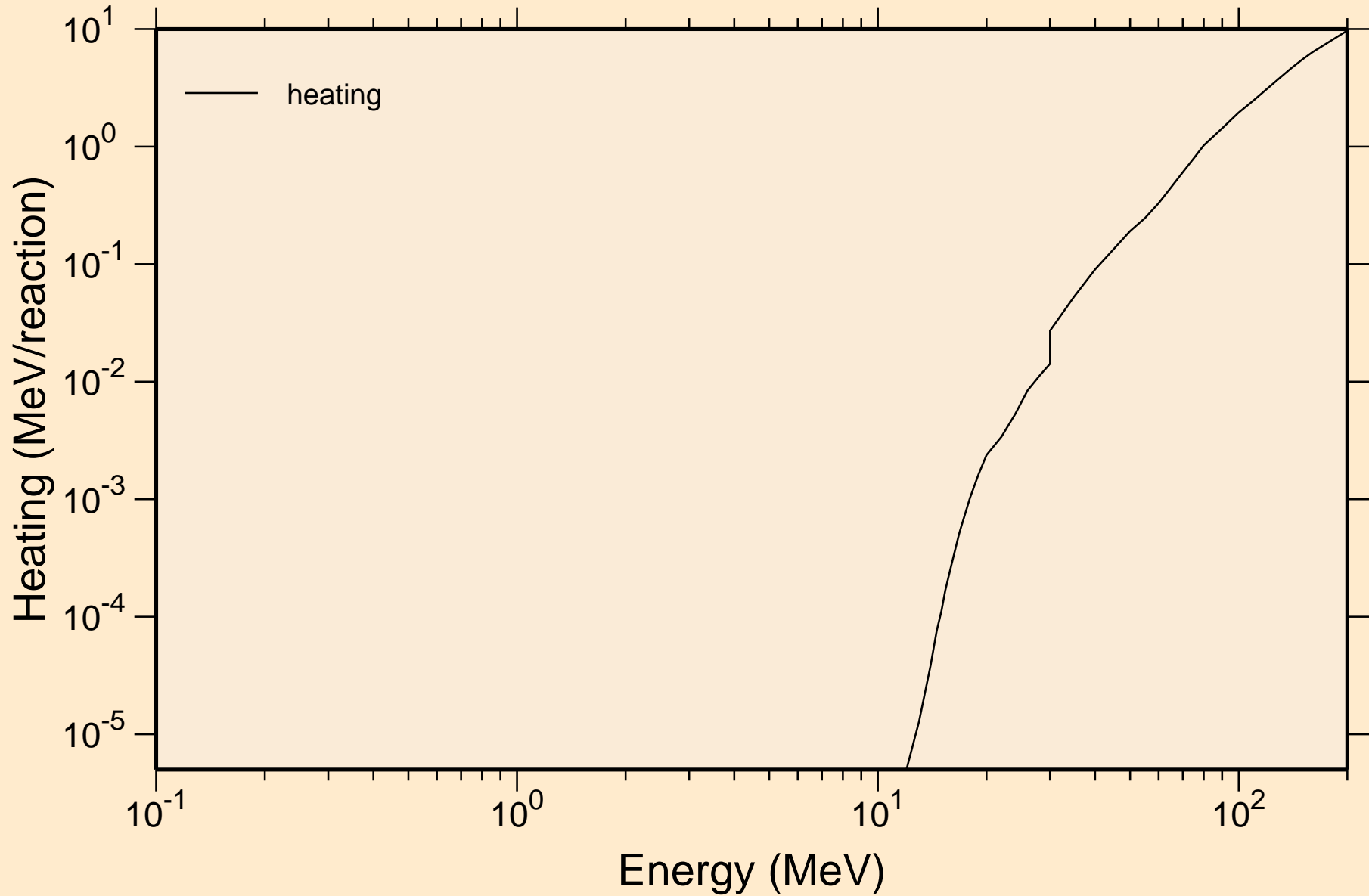
# NP243 PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



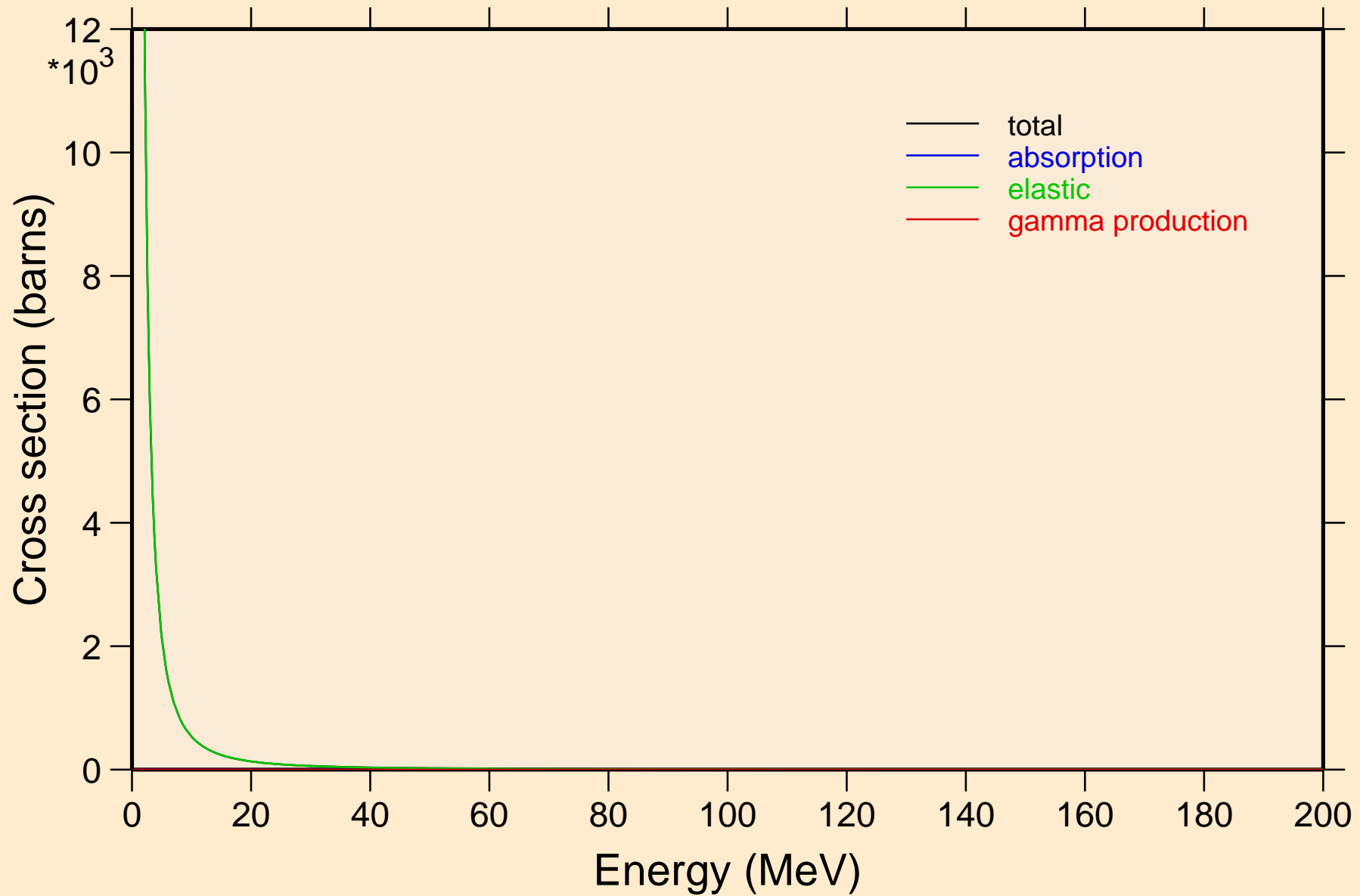
# NP243 PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



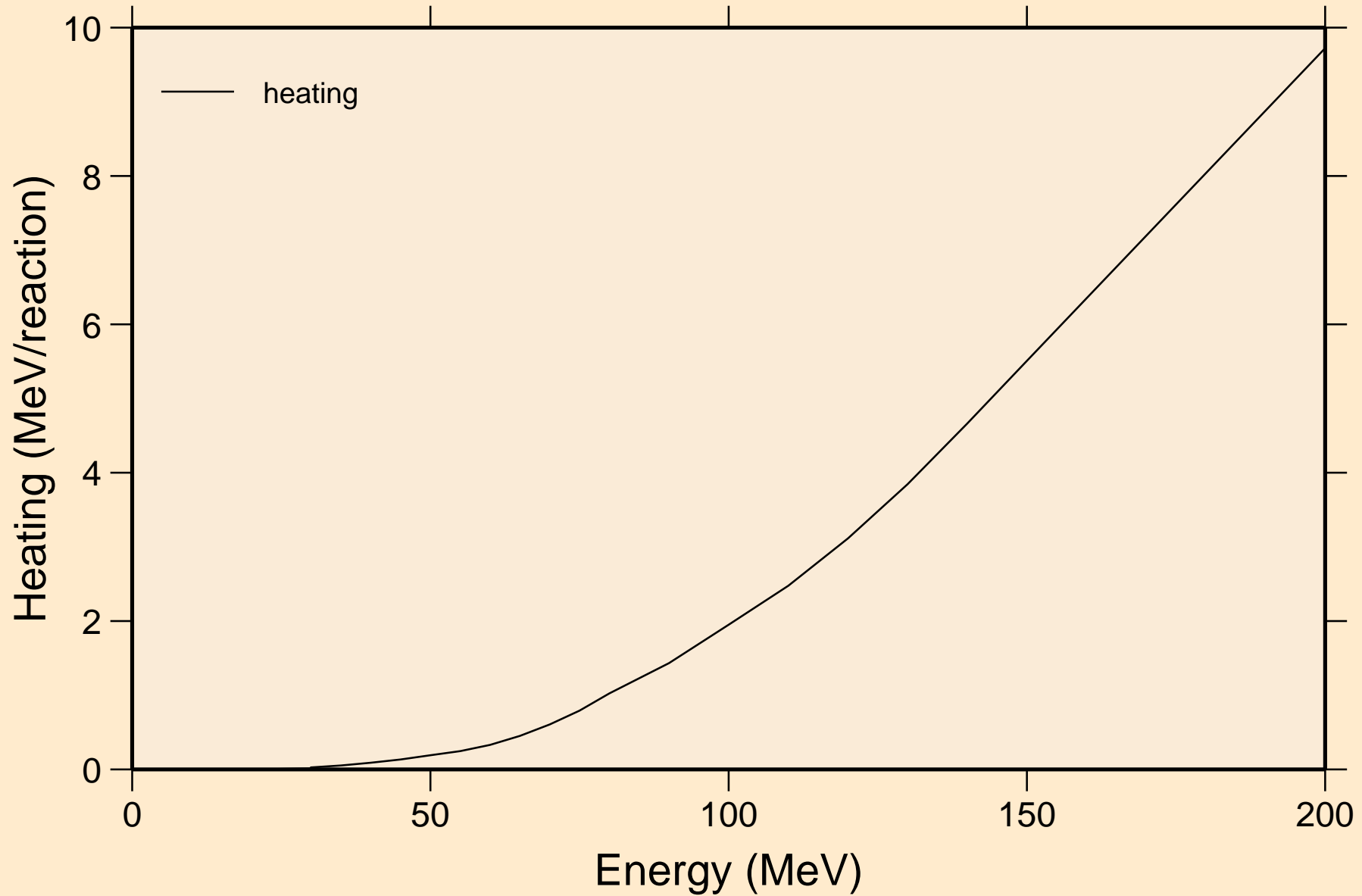
# NP243 PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



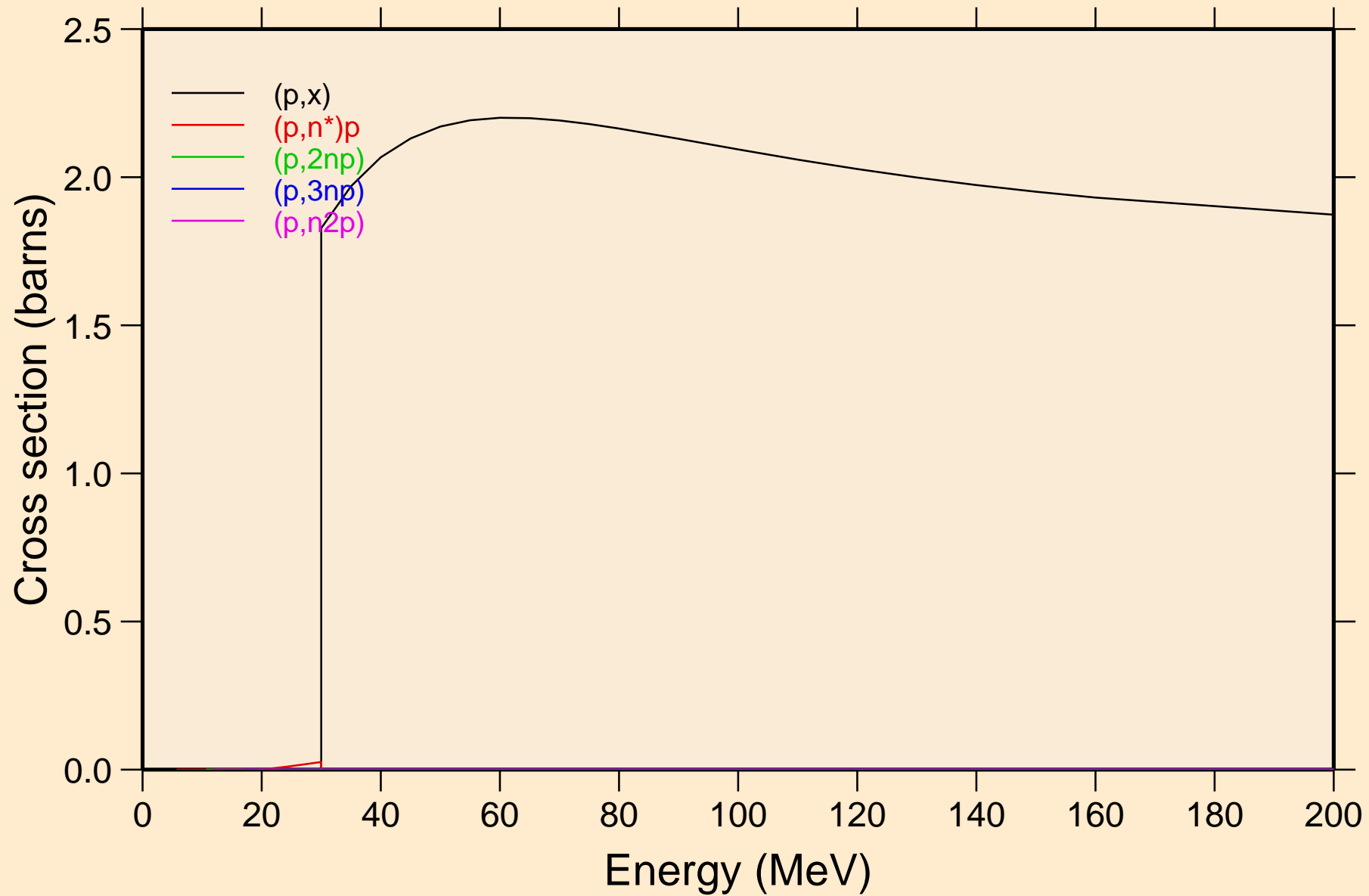
# NP243 PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



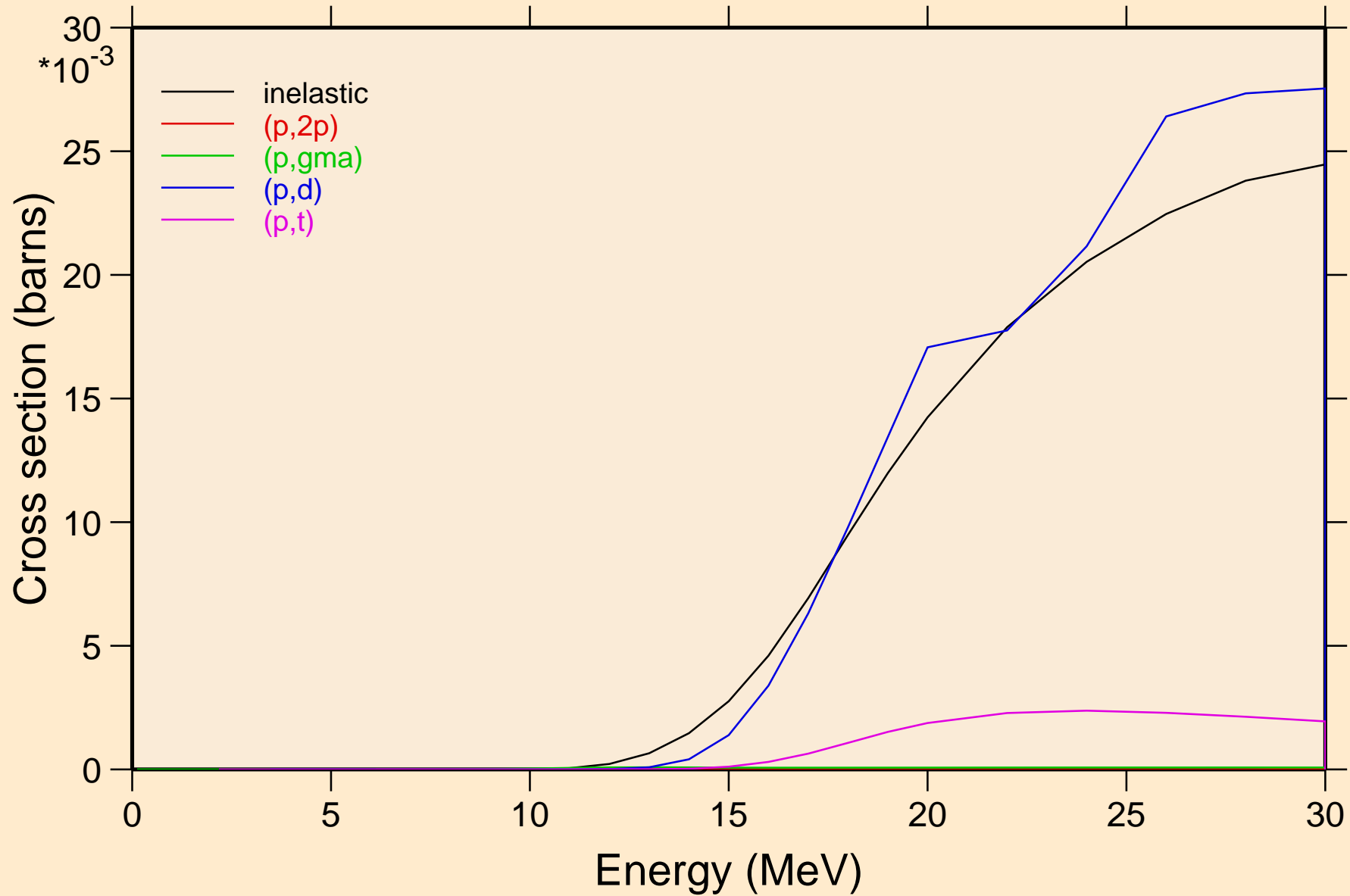
# NP243 PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

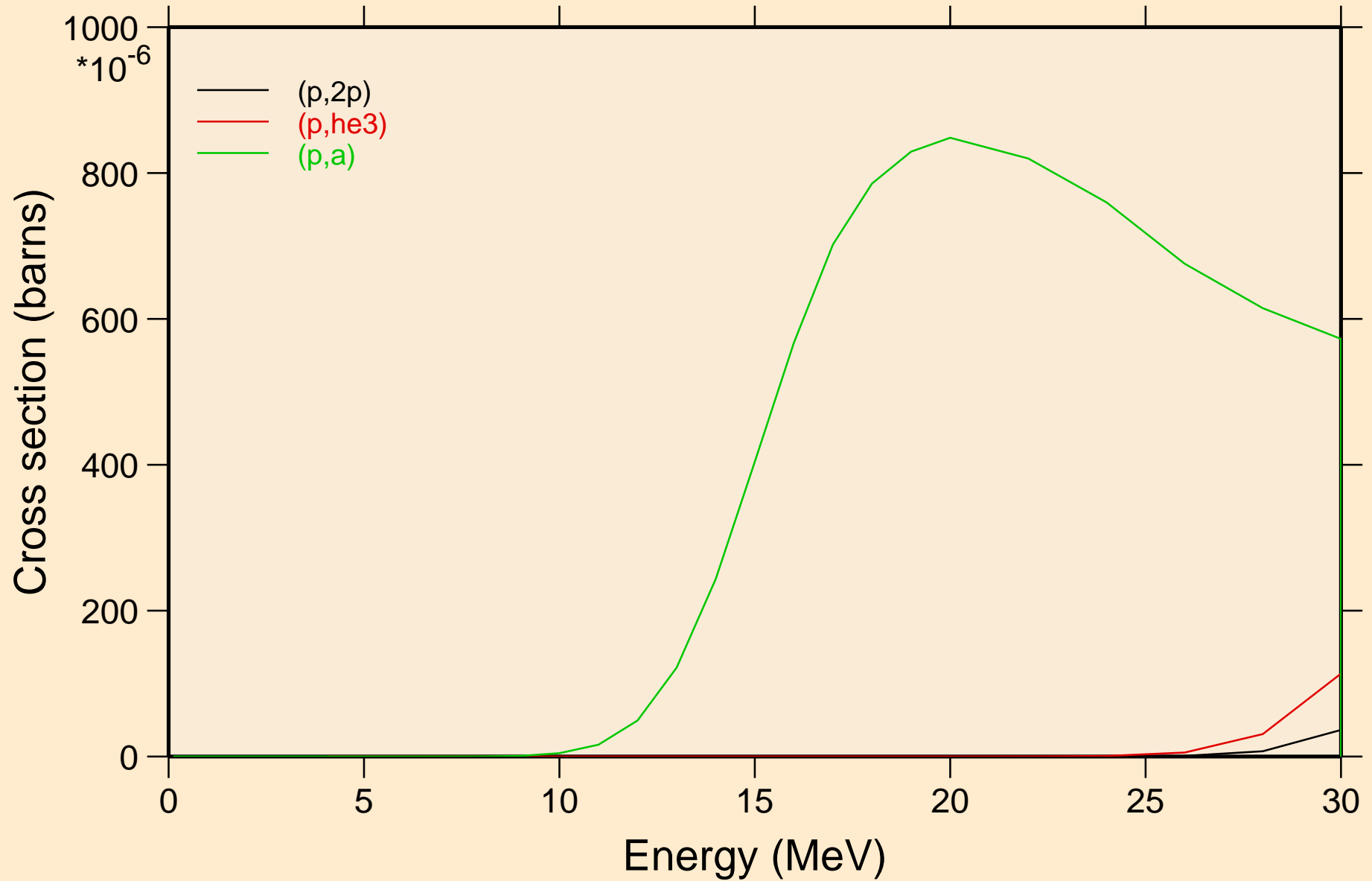


# NP243 PROTON ACER TENDL-2024 LIBRARY; T=0.K

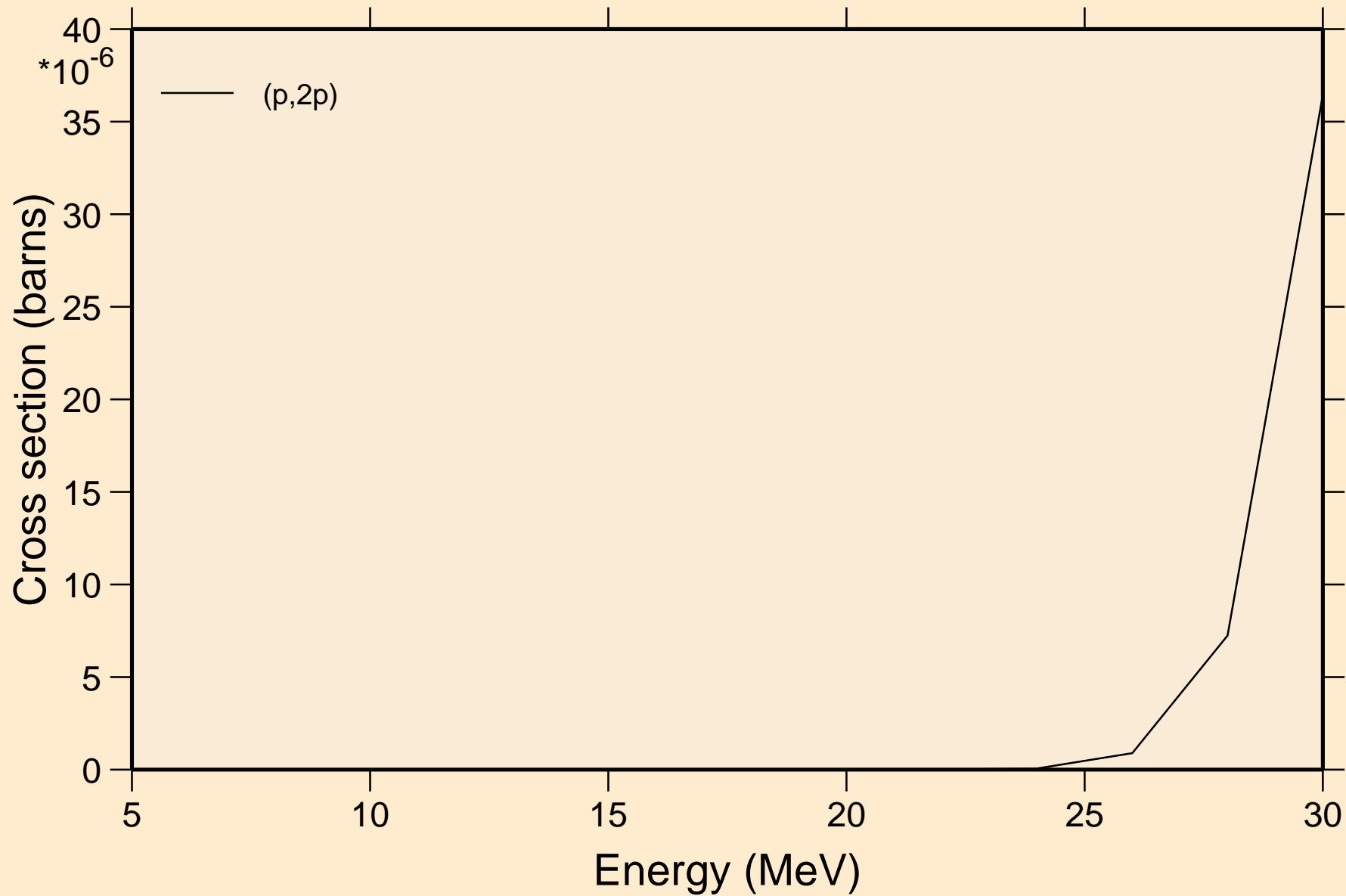
## Threshold reactions



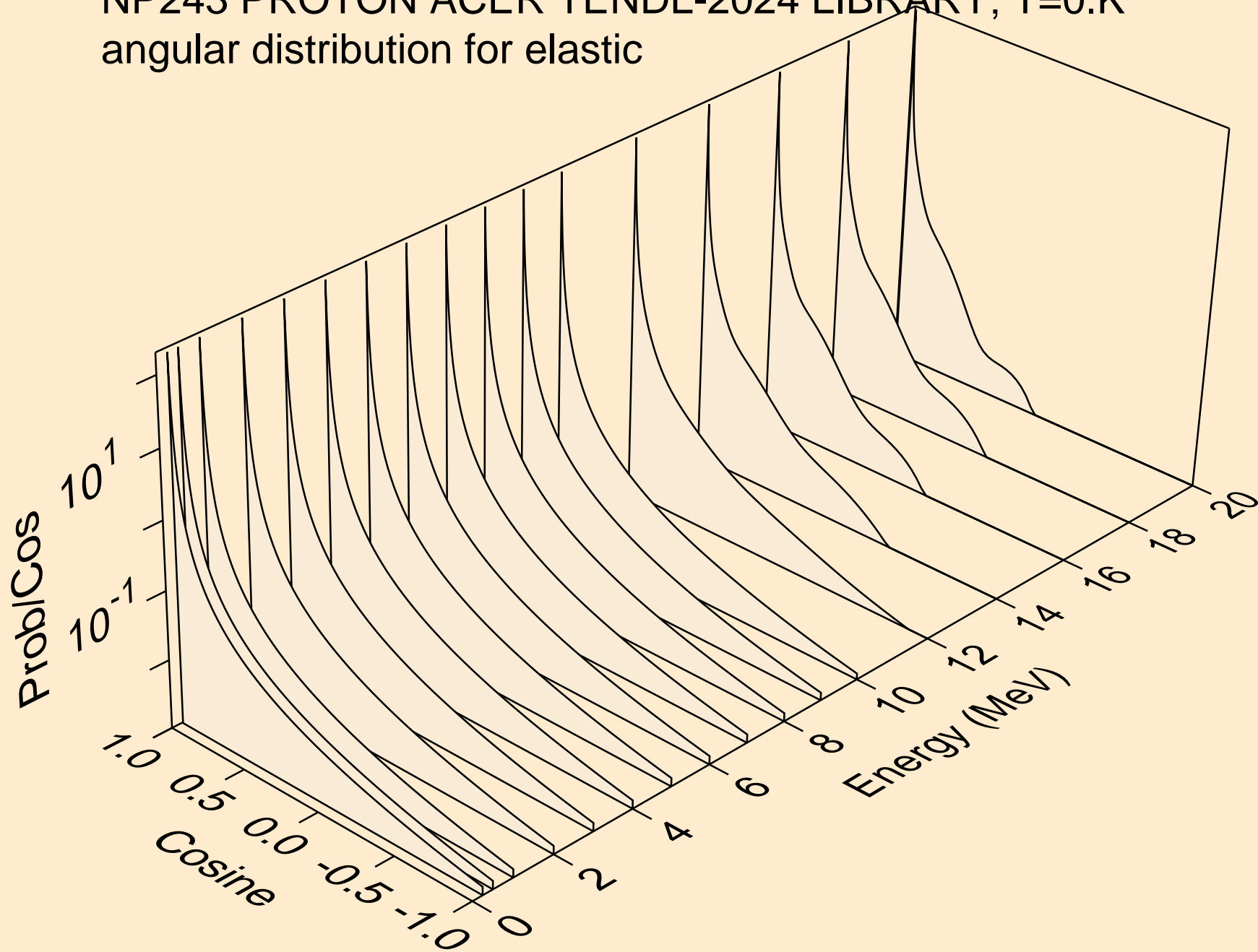
NP243 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



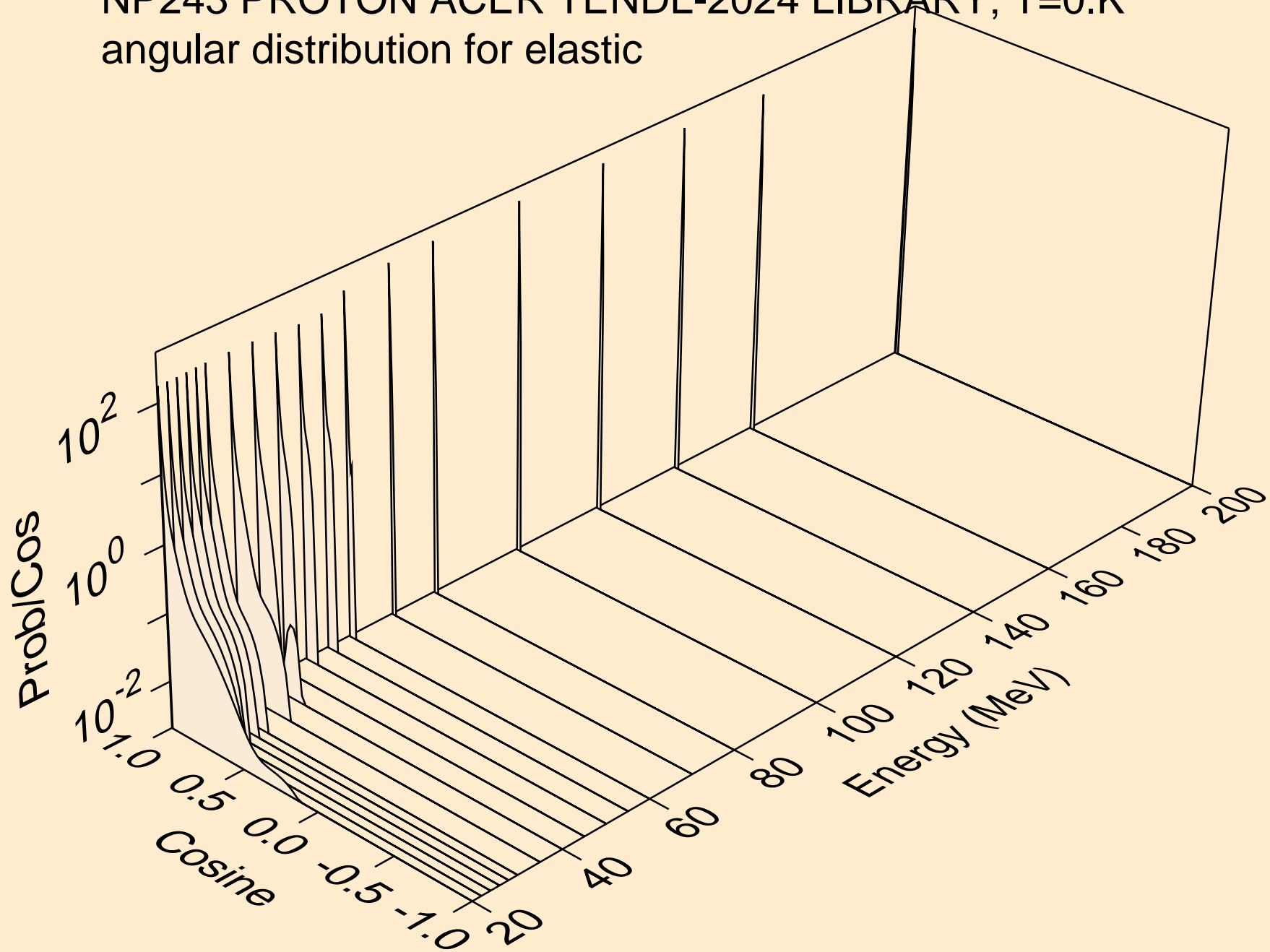
NP243 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



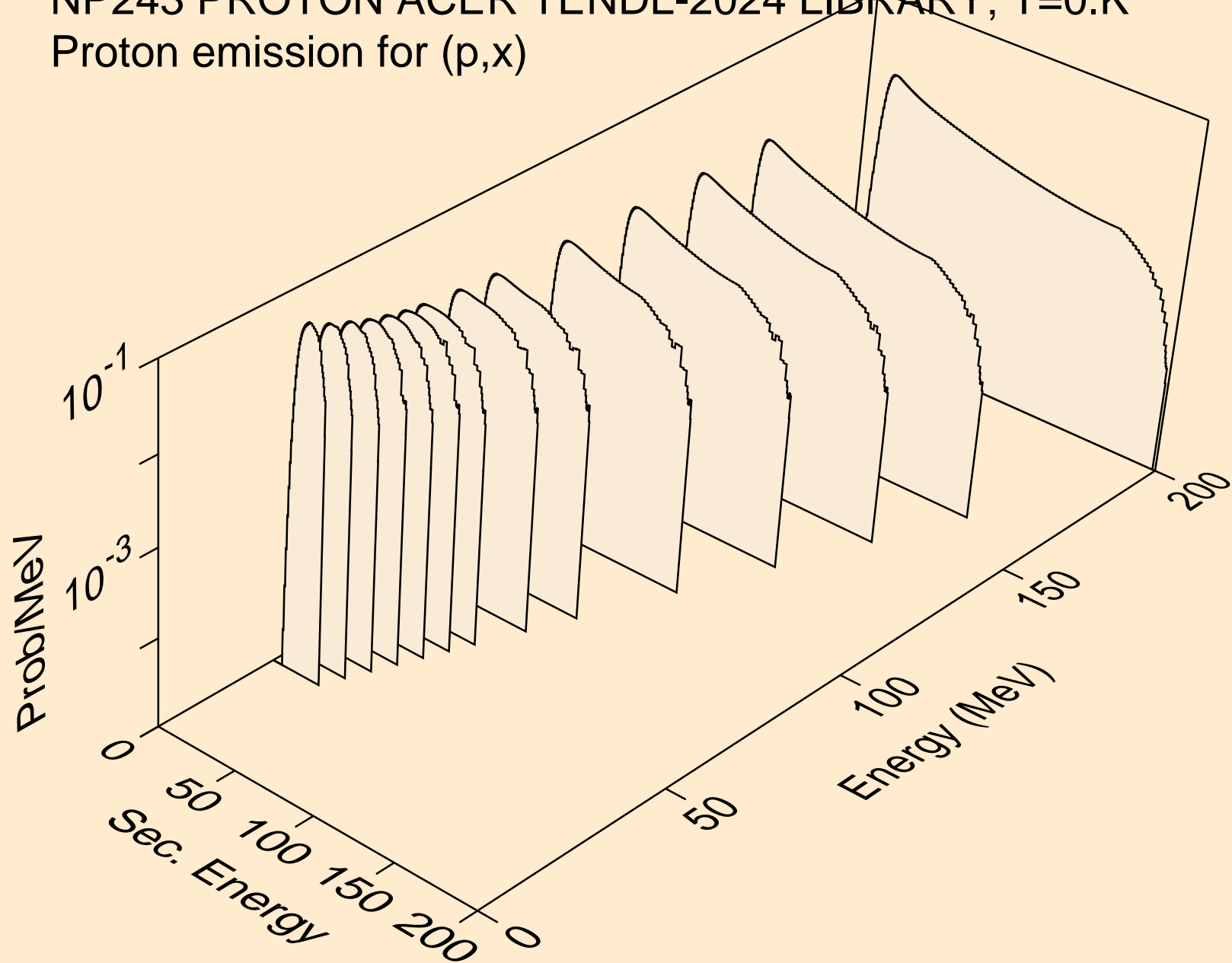
NP243 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



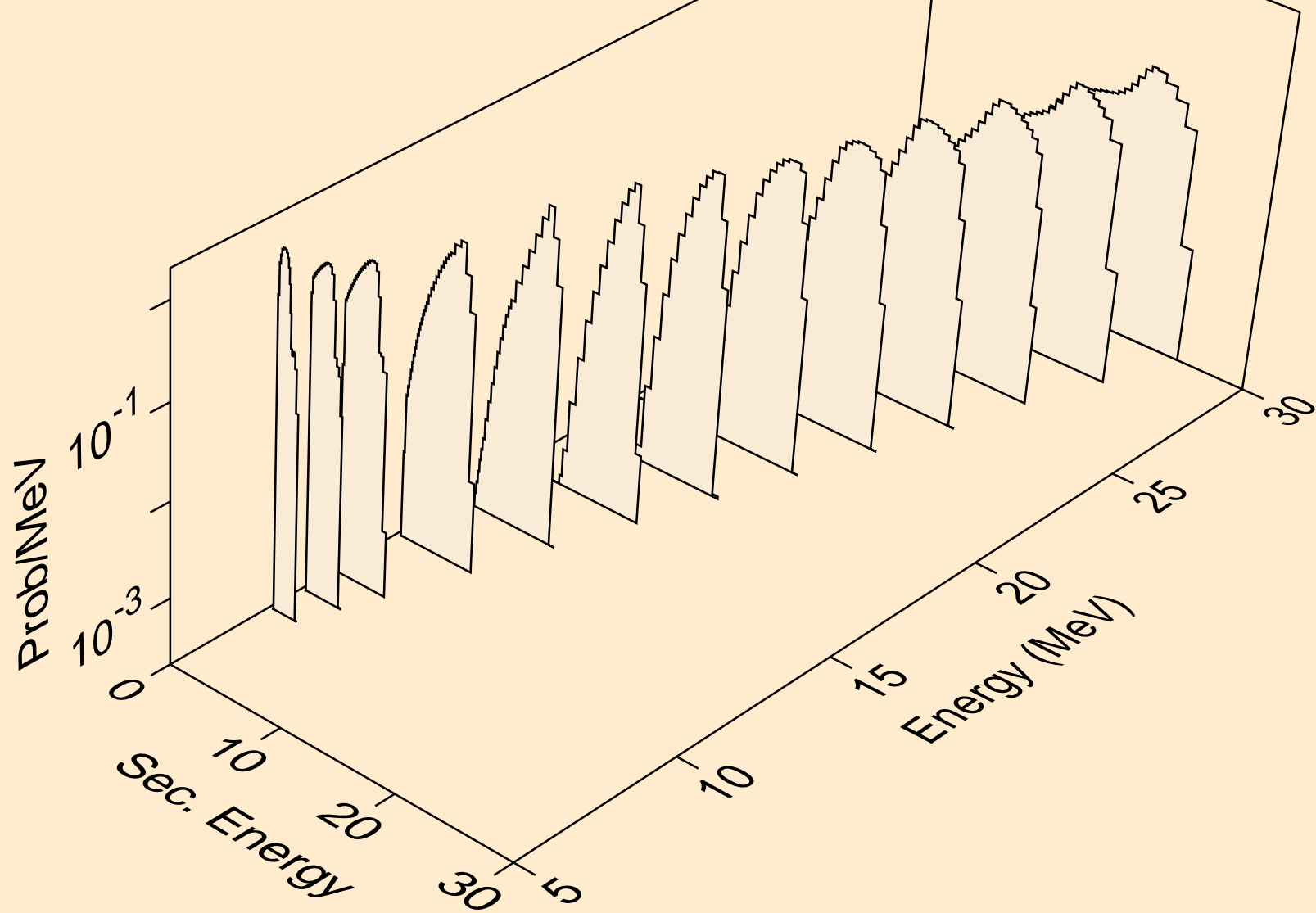
NP243 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



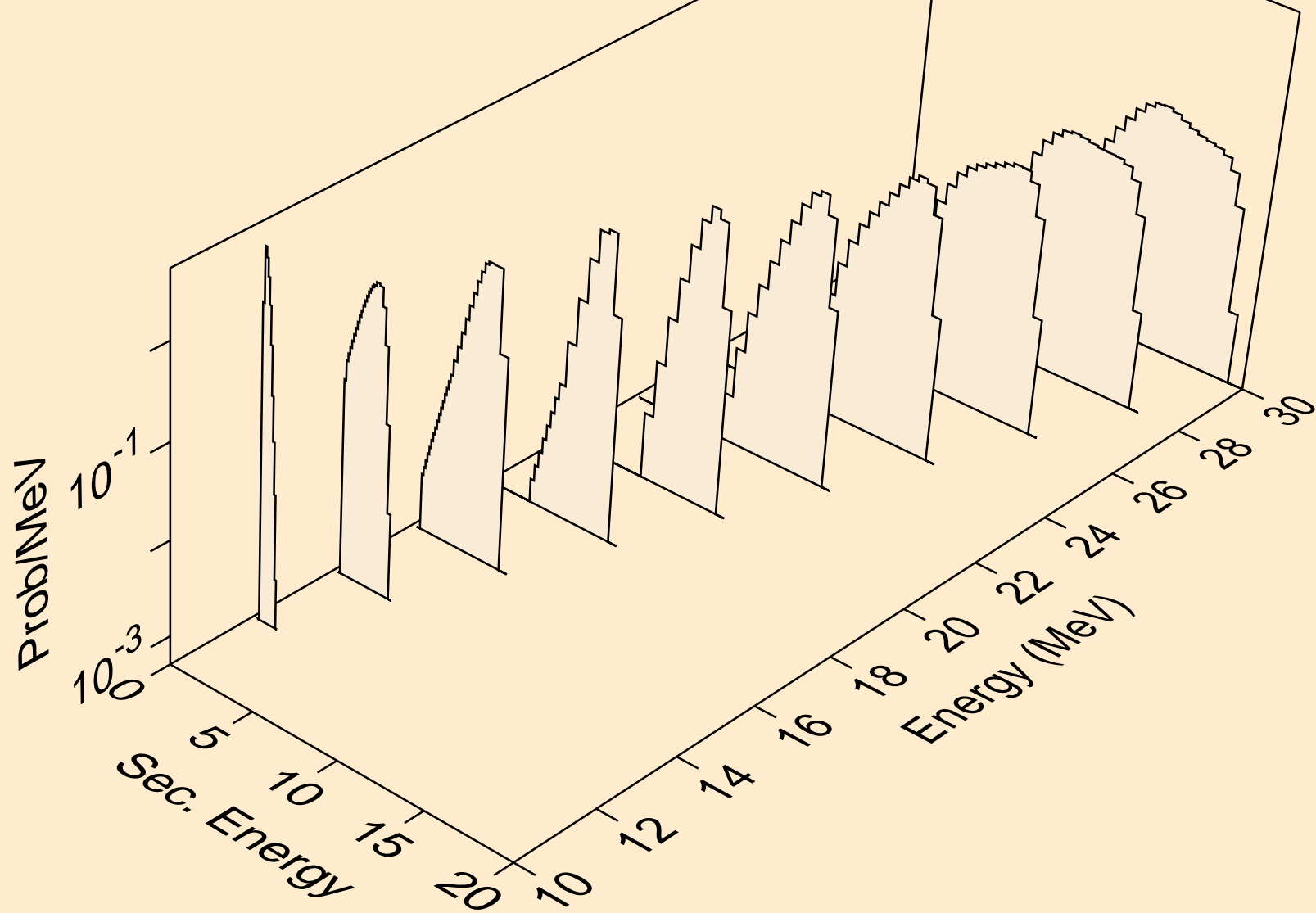
NP243 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,x)



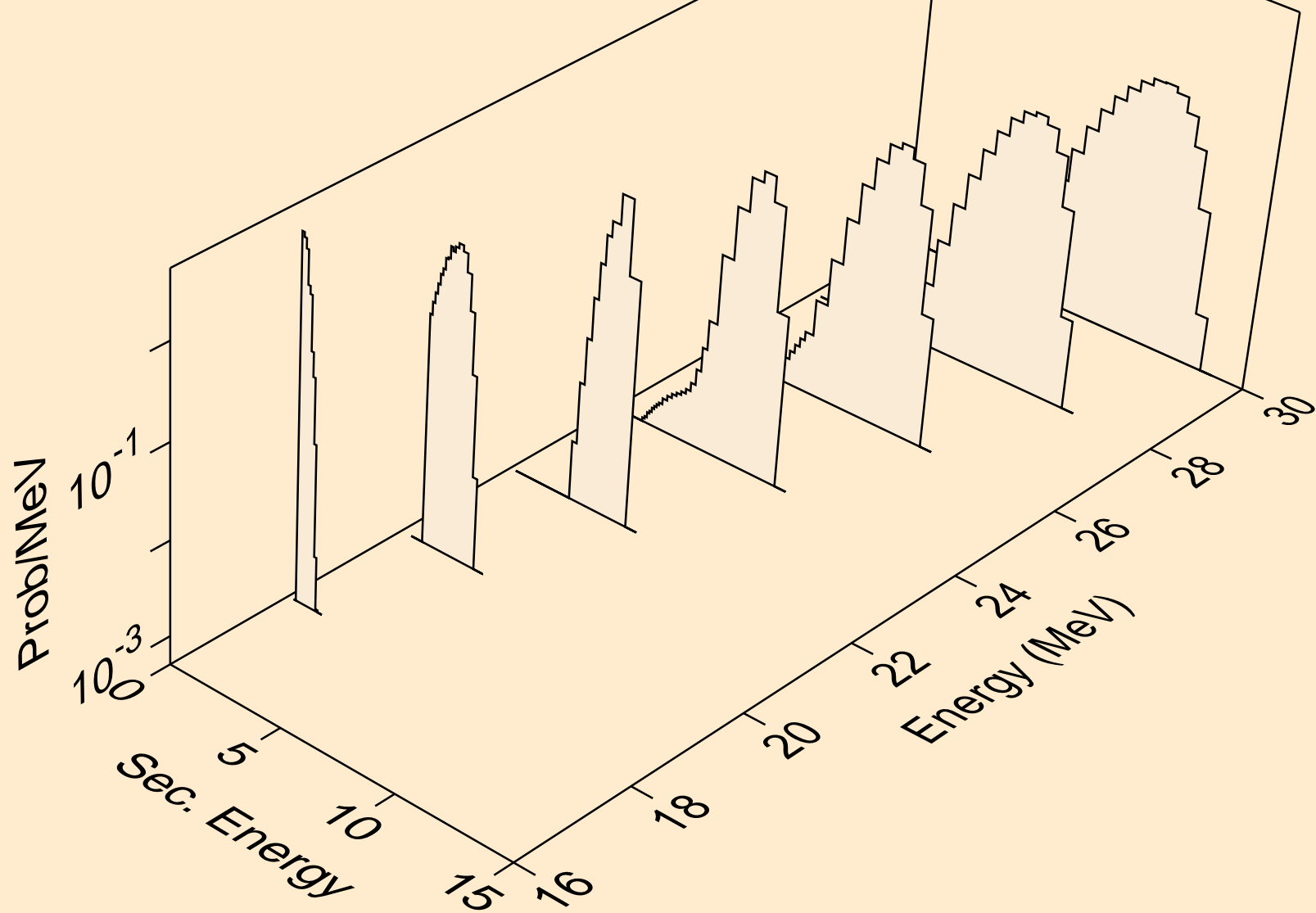
NP243 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



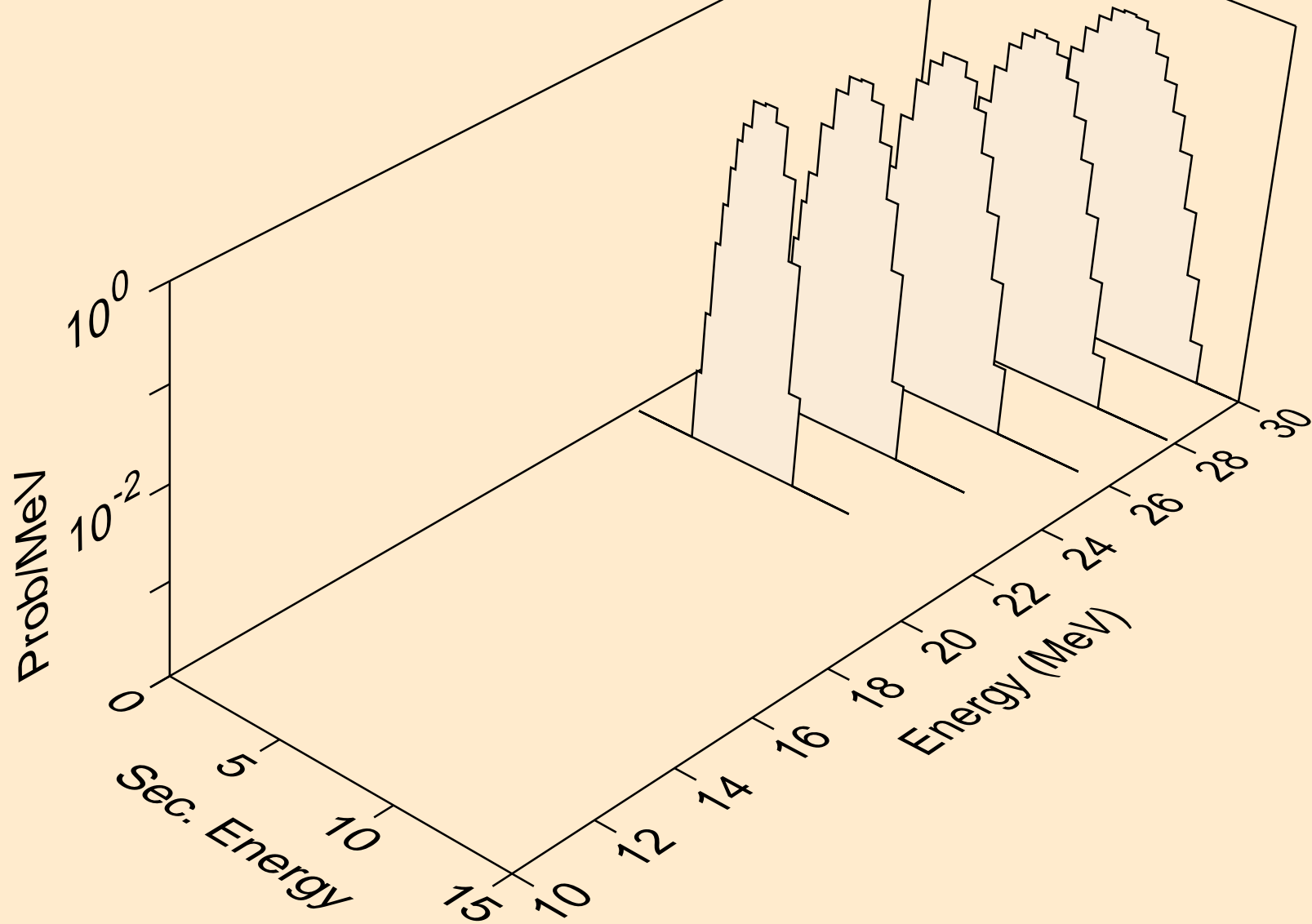
NP243 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,2np)



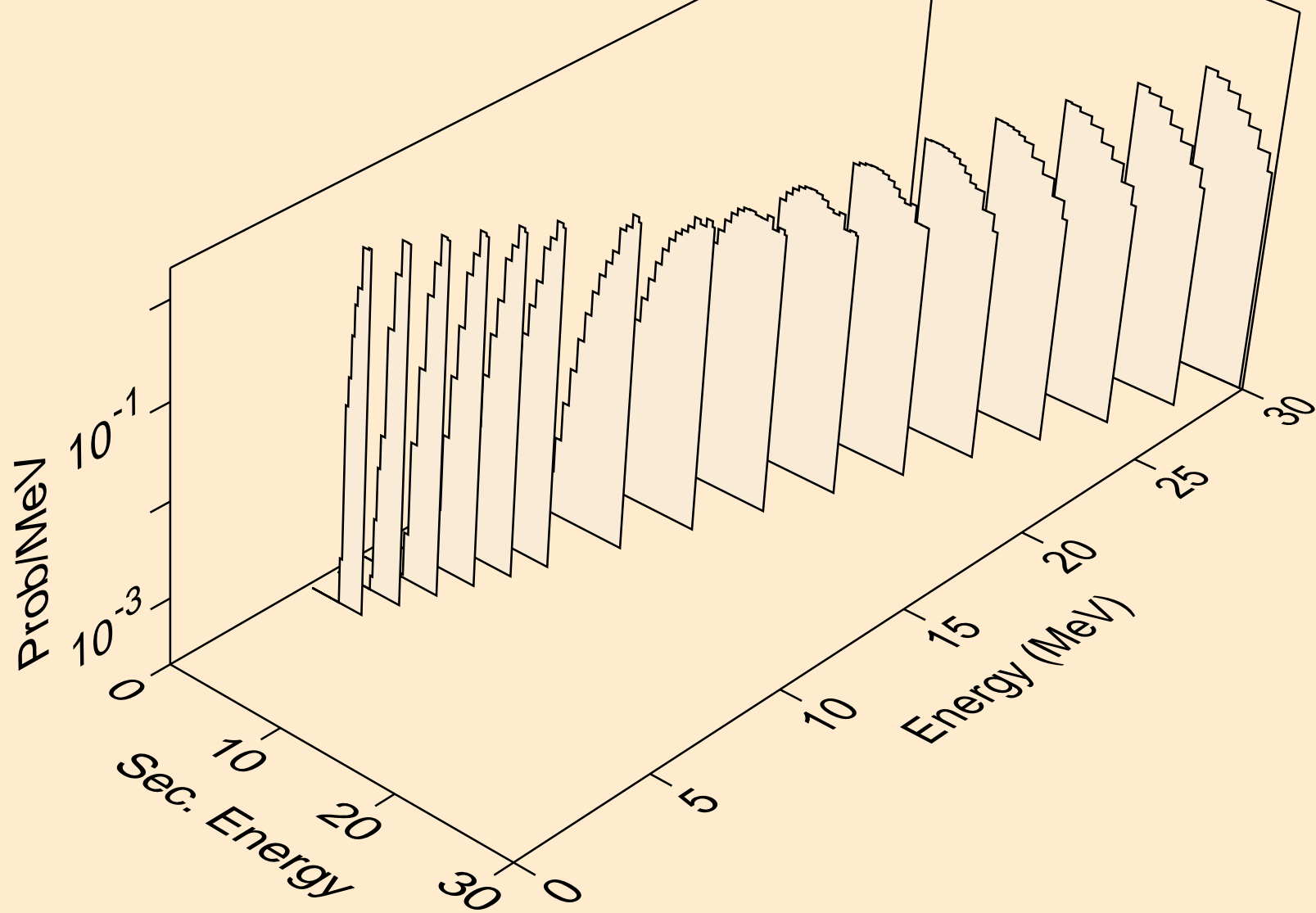
NP243 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,3np)



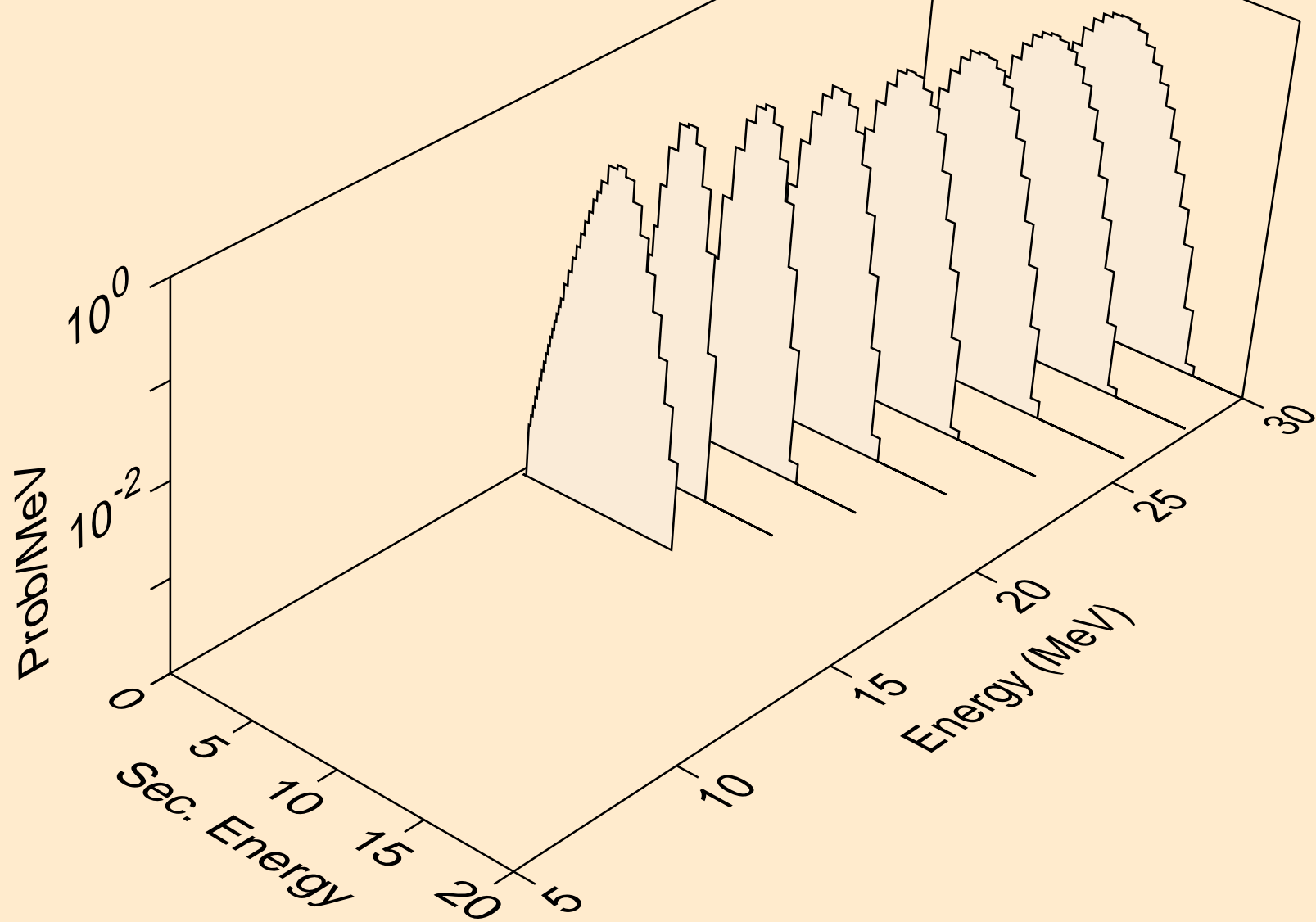
NP243 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,n2p)



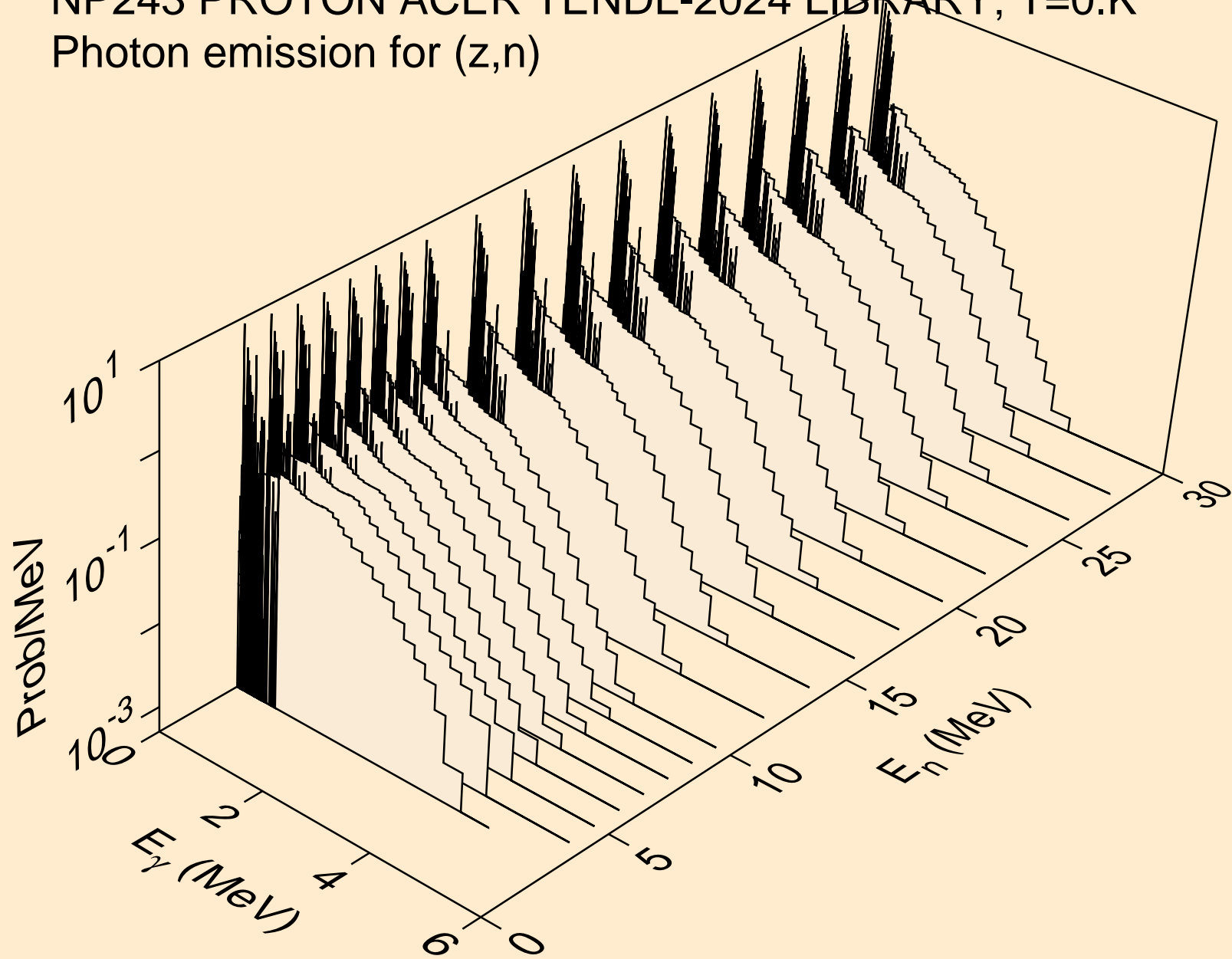
NP243 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for inelastic



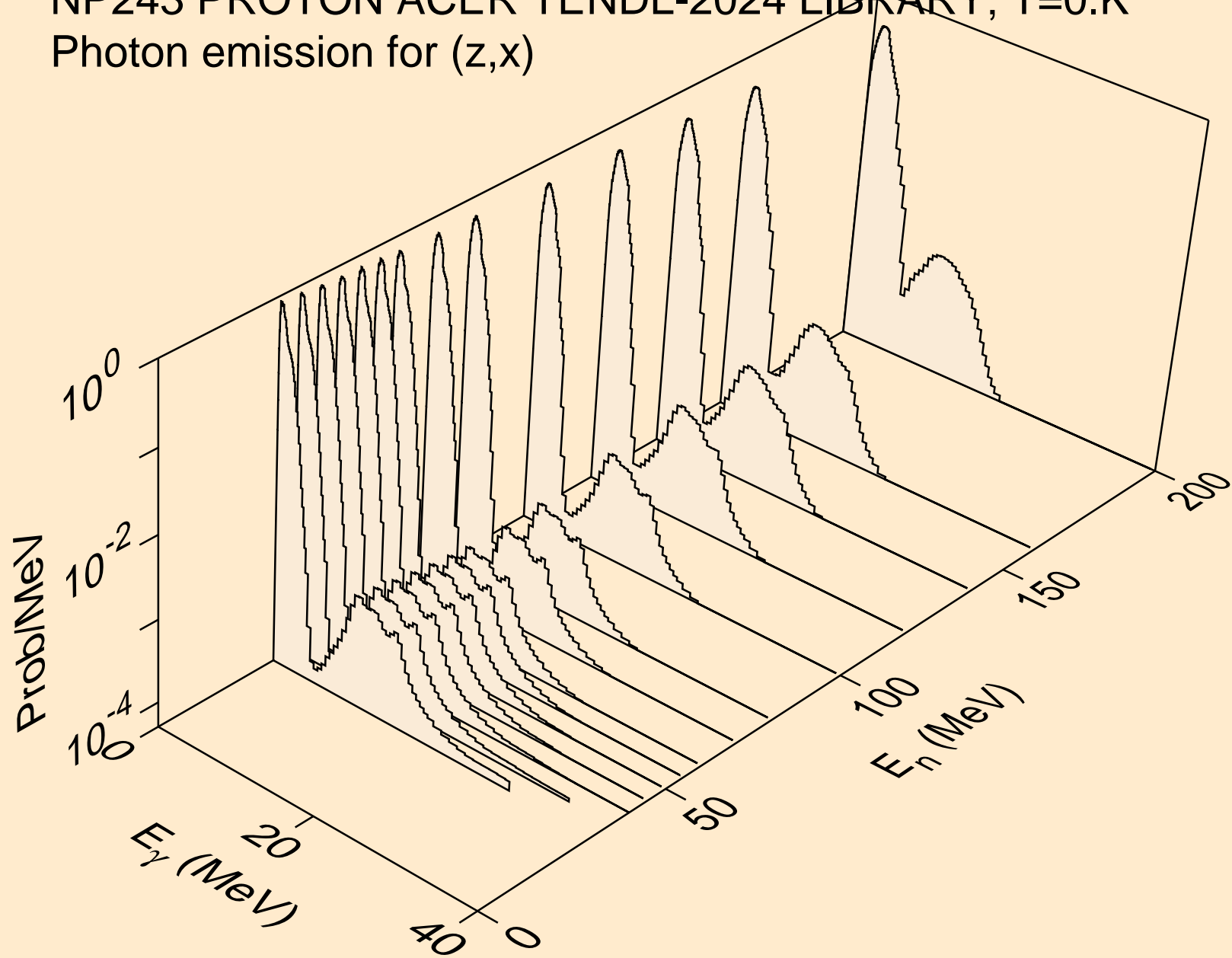
NP243 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,2p)



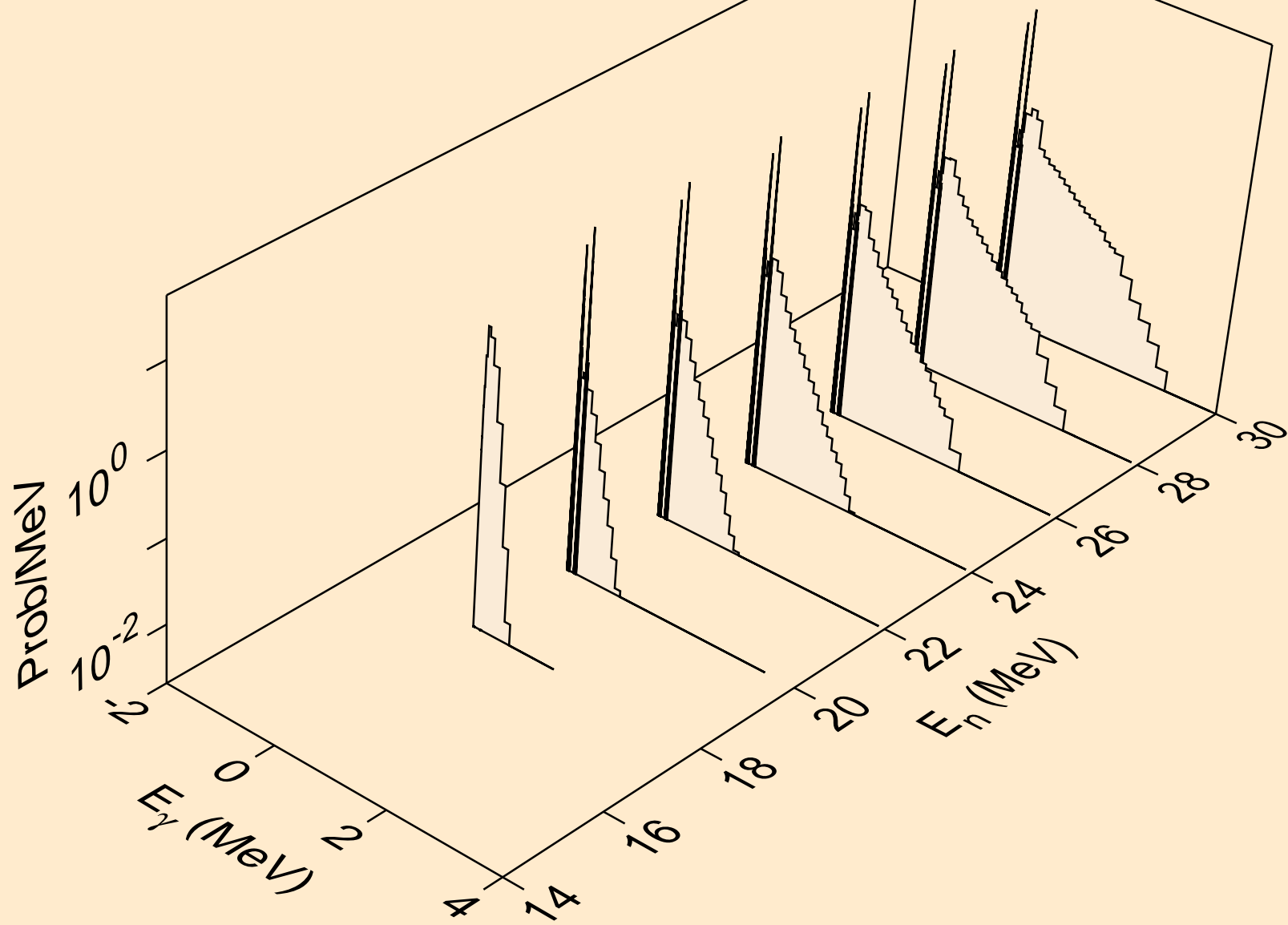
NP243 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,n)



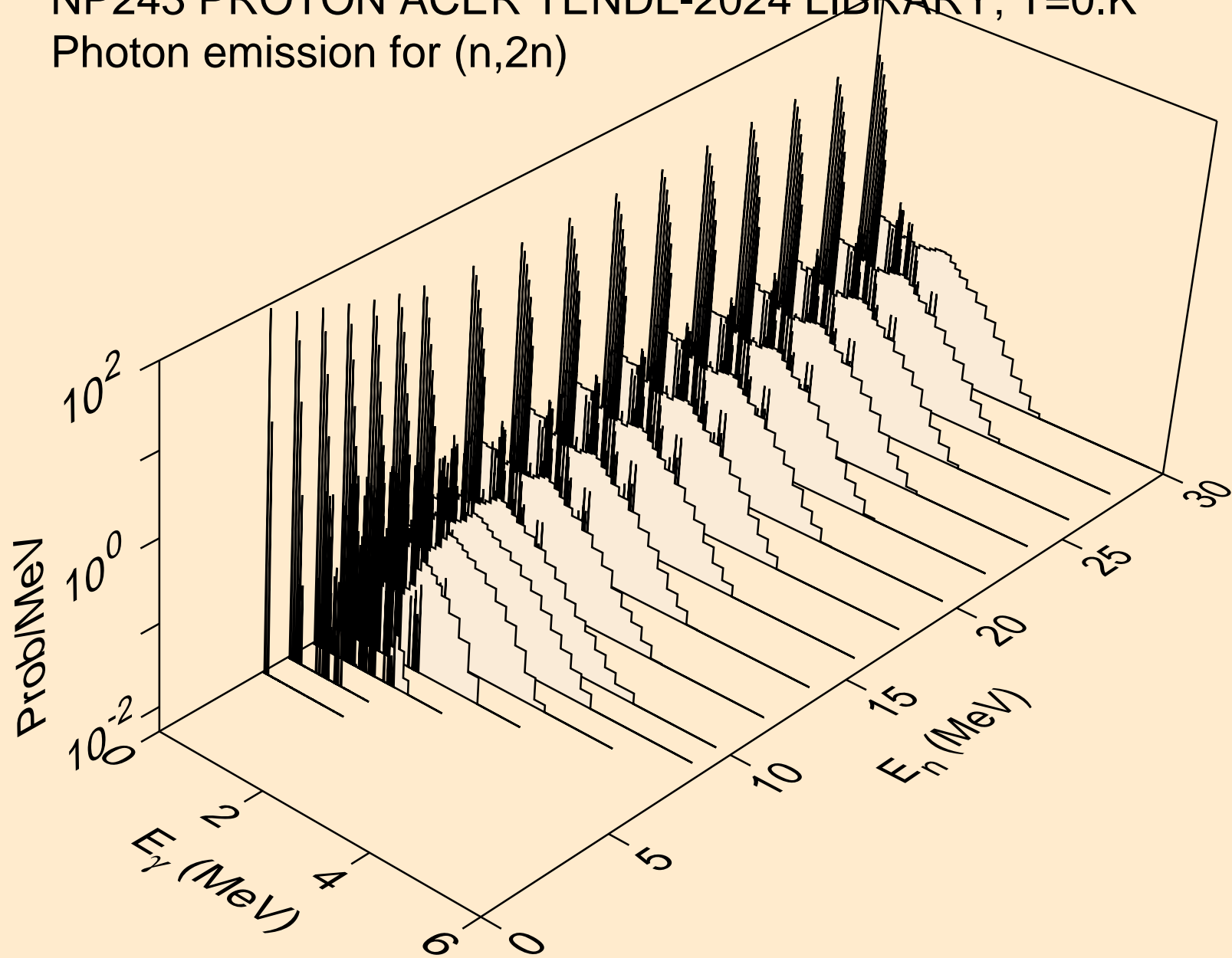
NP243 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,x)



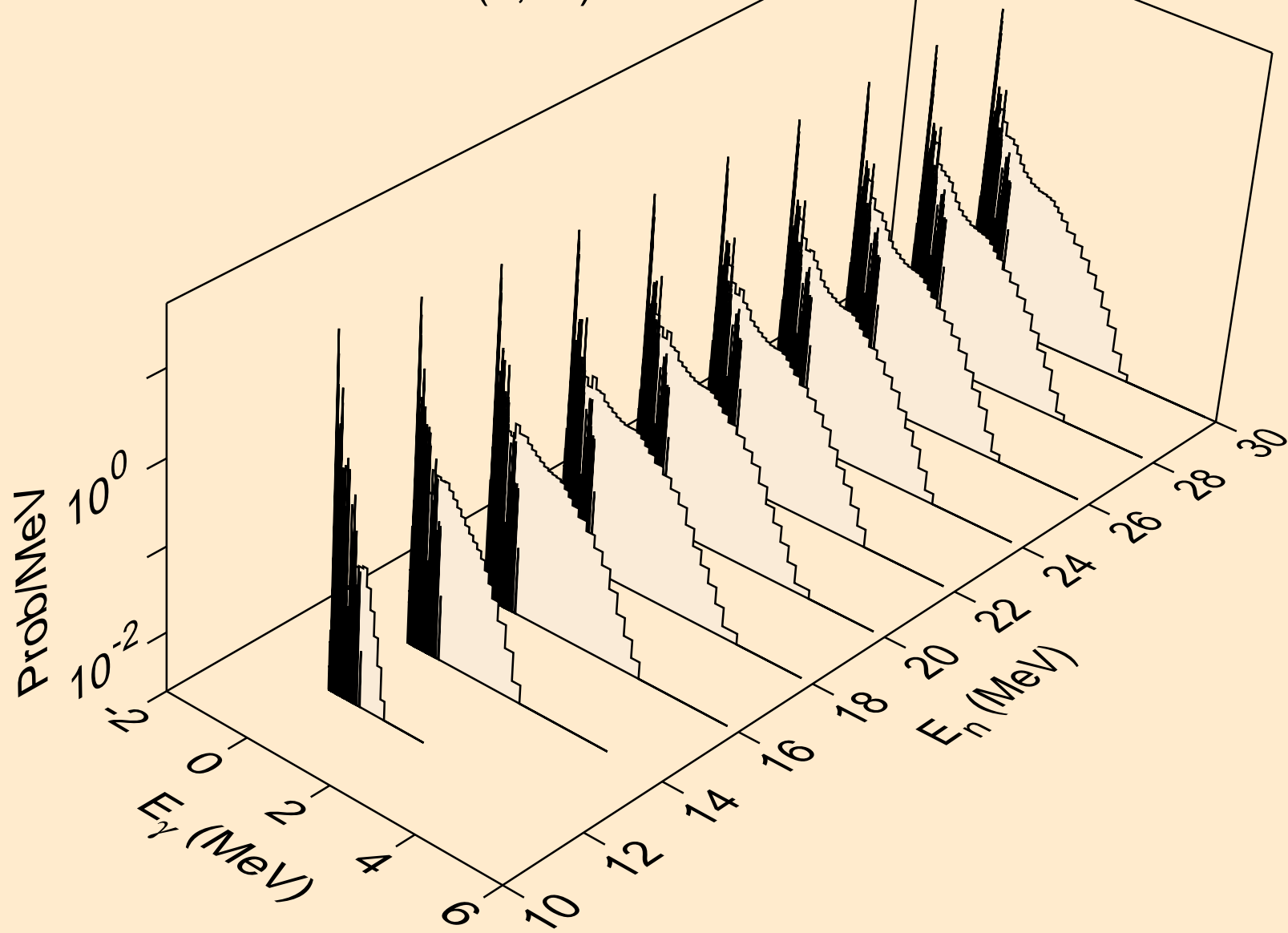
NP243 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



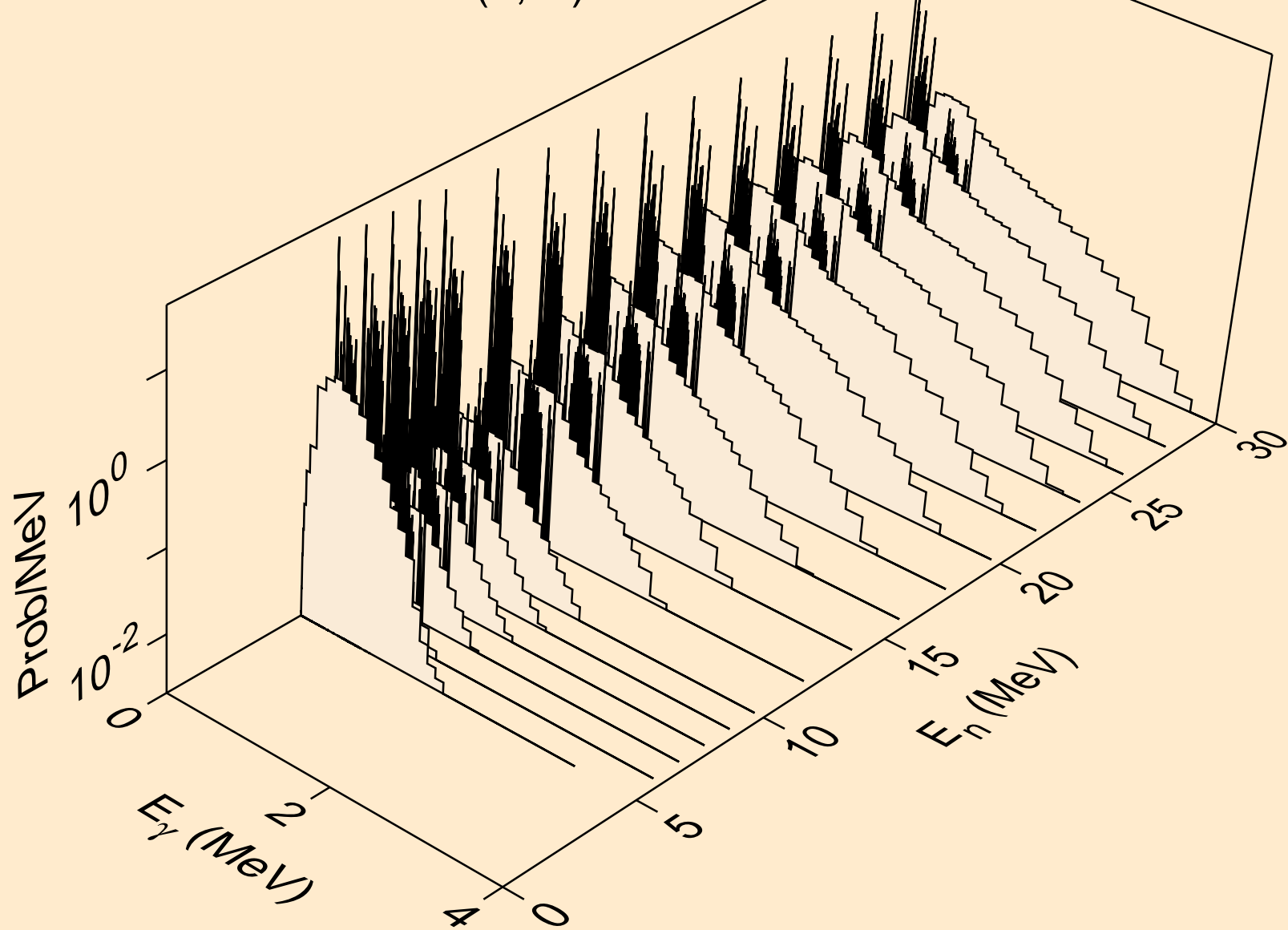
NP243 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



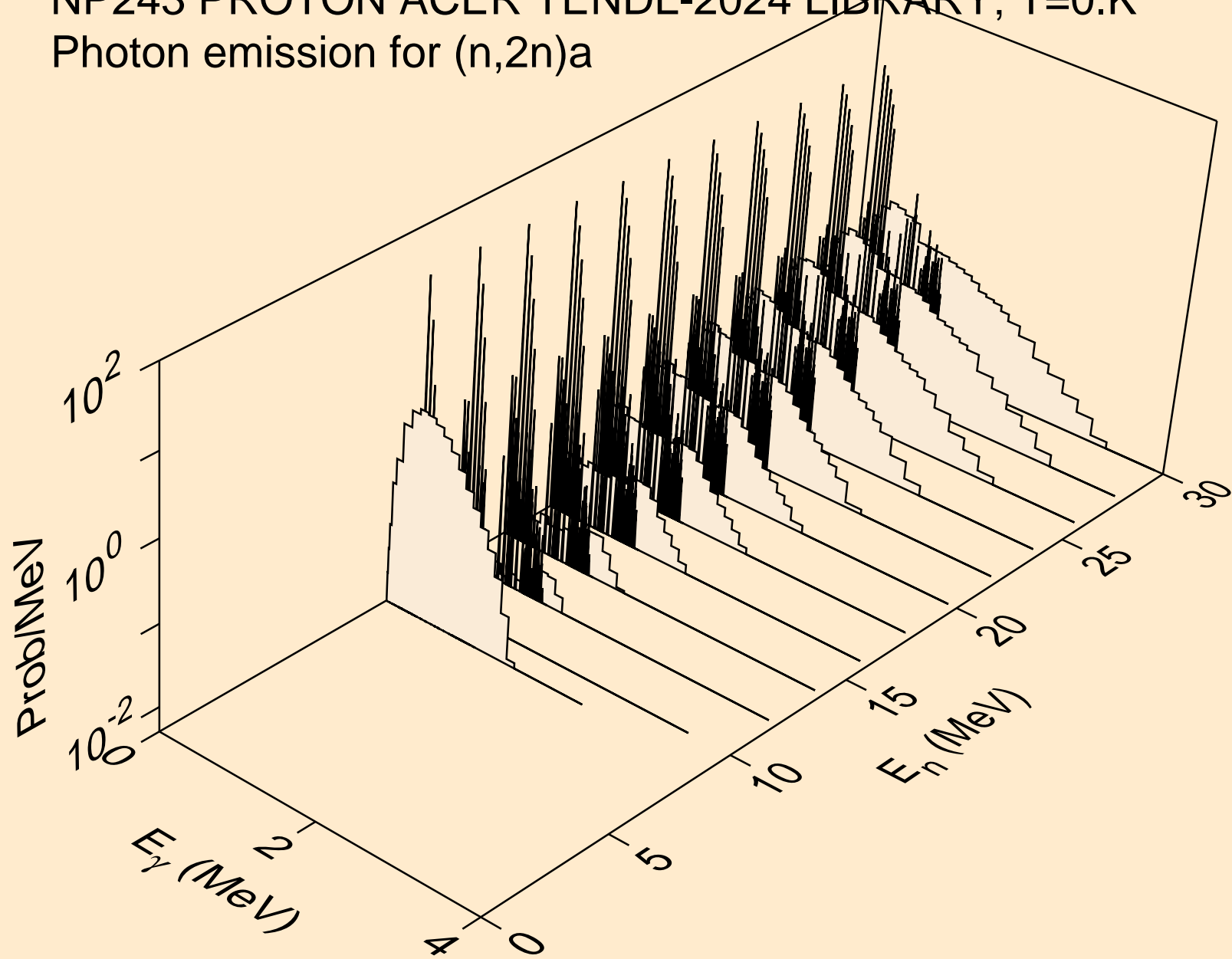
NP243 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



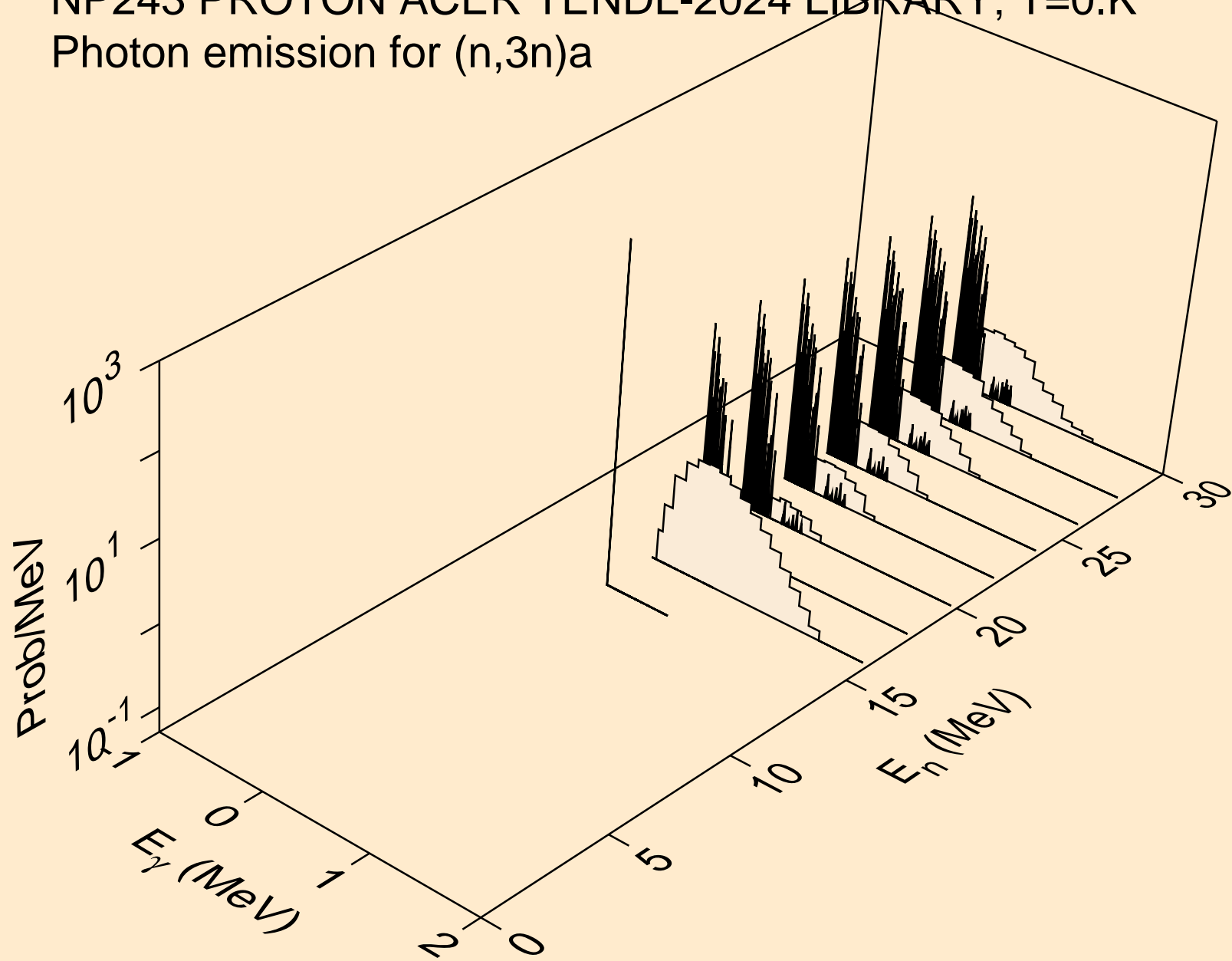
NP243 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



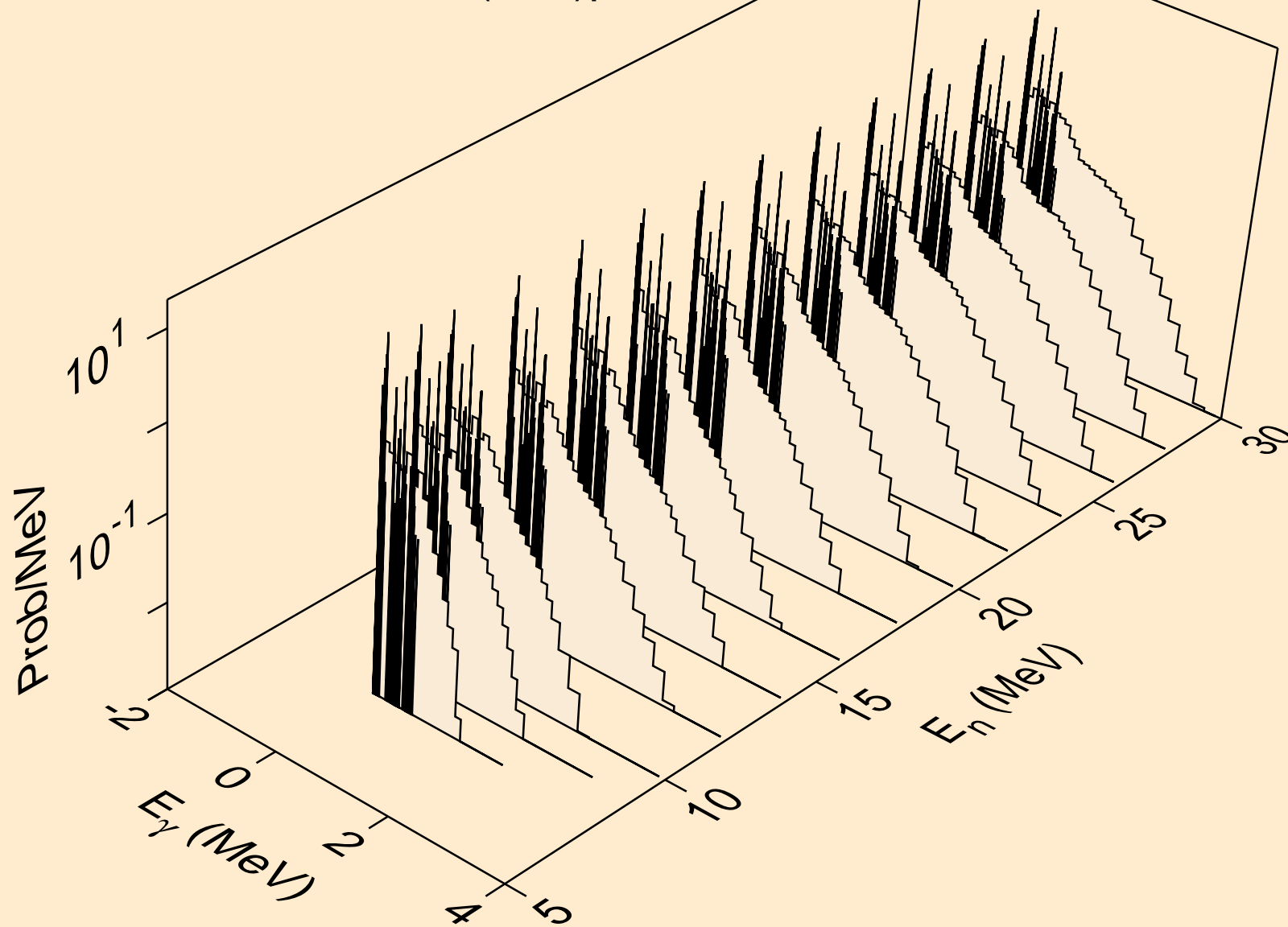
NP243 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



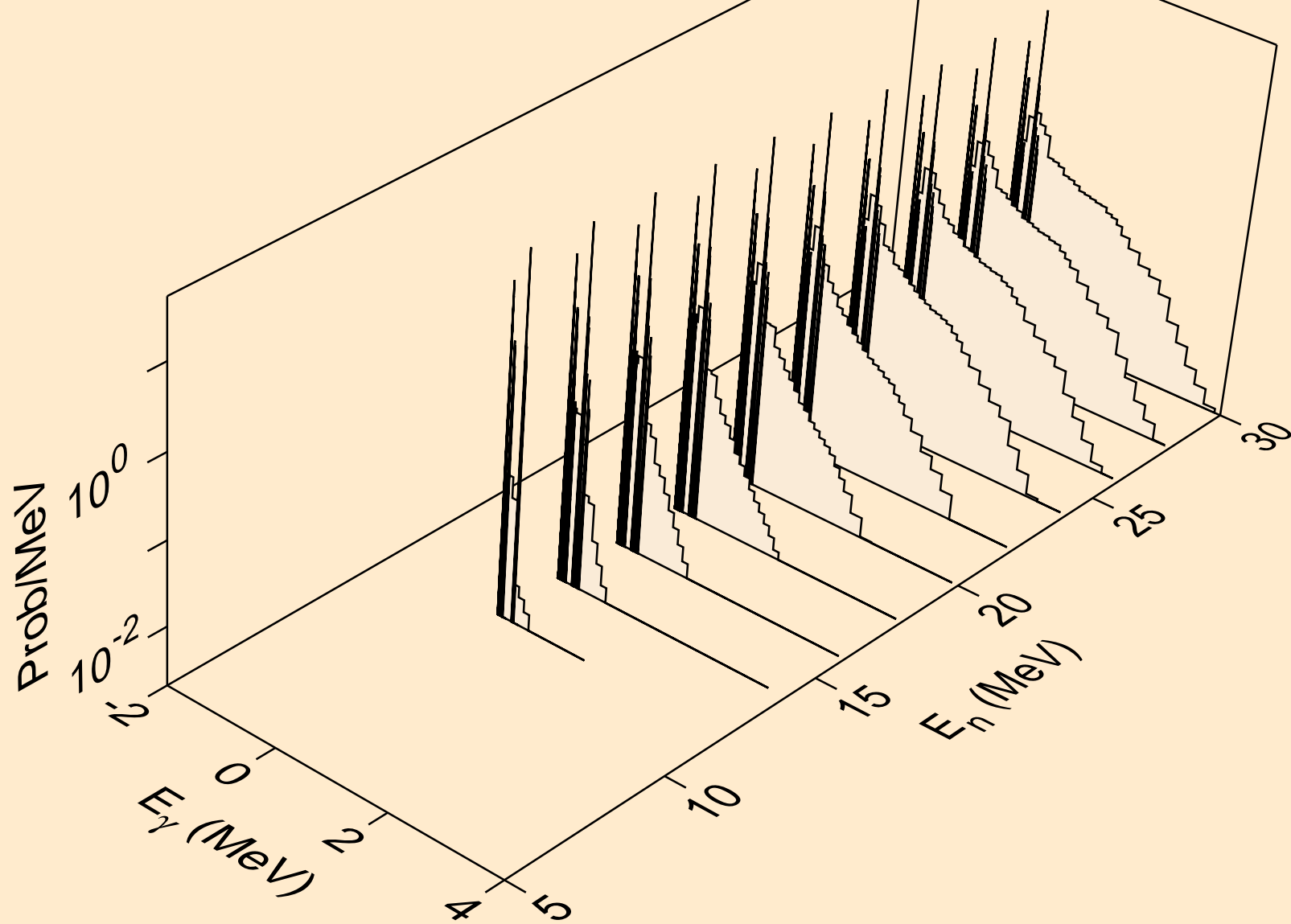
NP243 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a



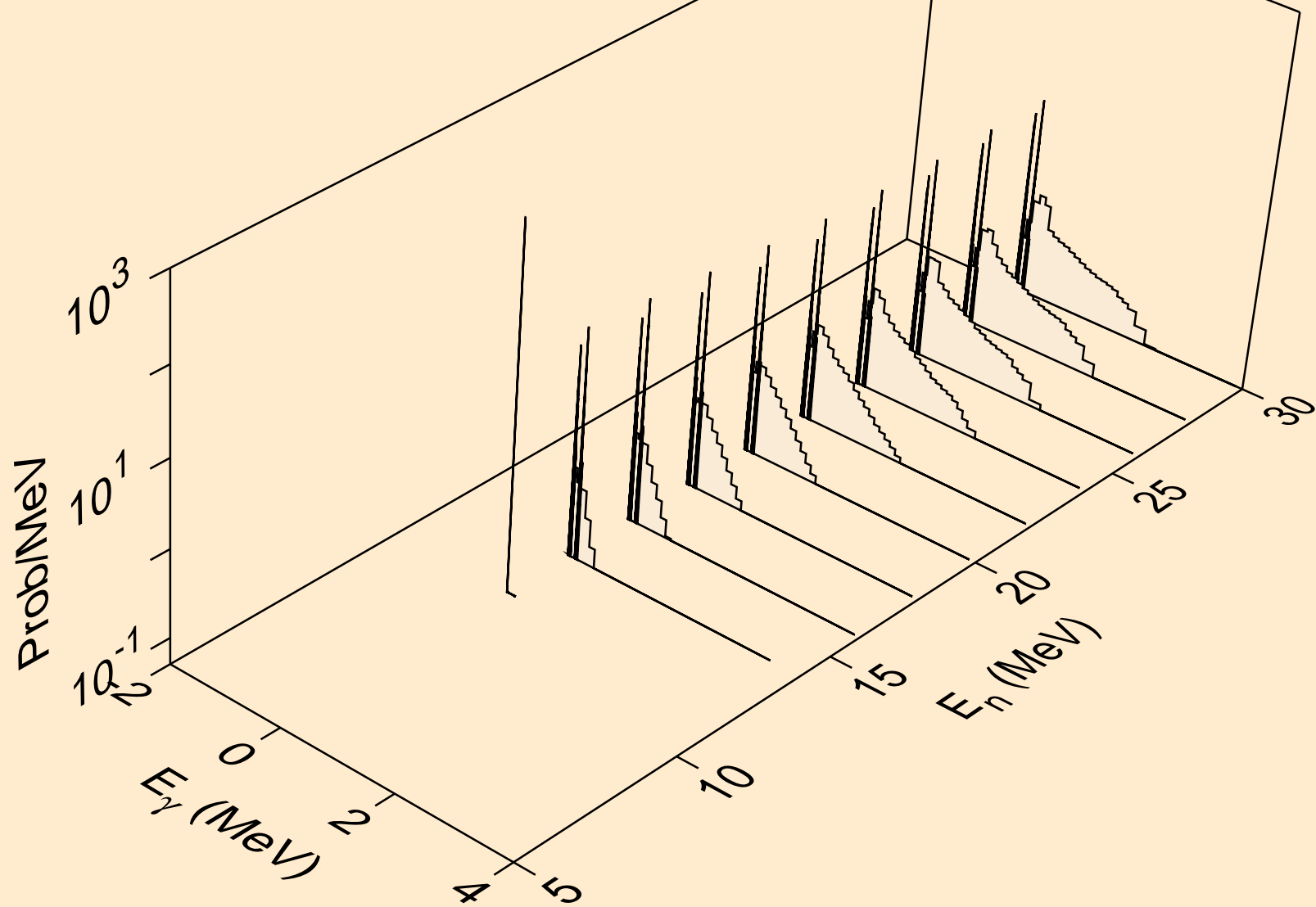
NP243 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



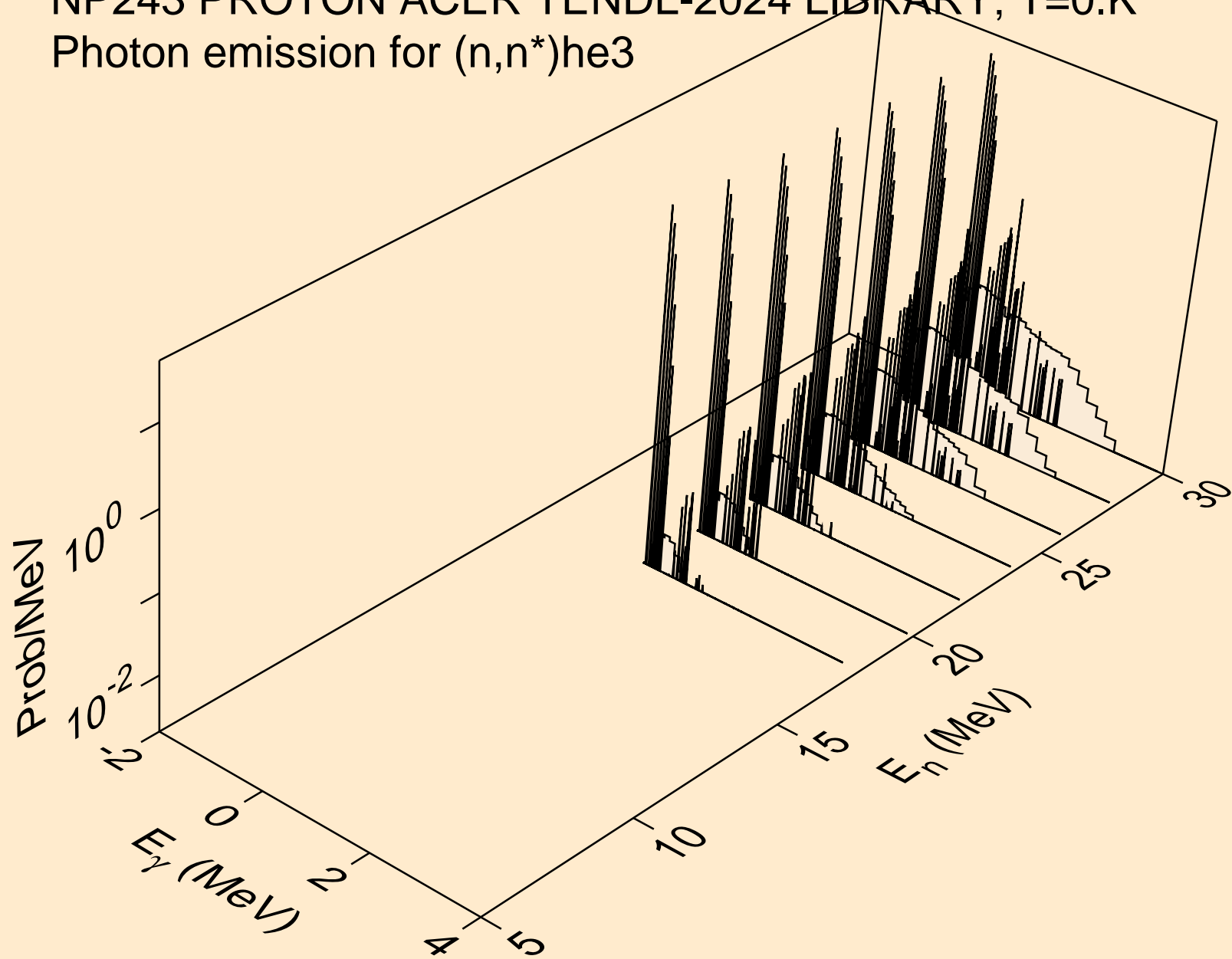
NP243 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



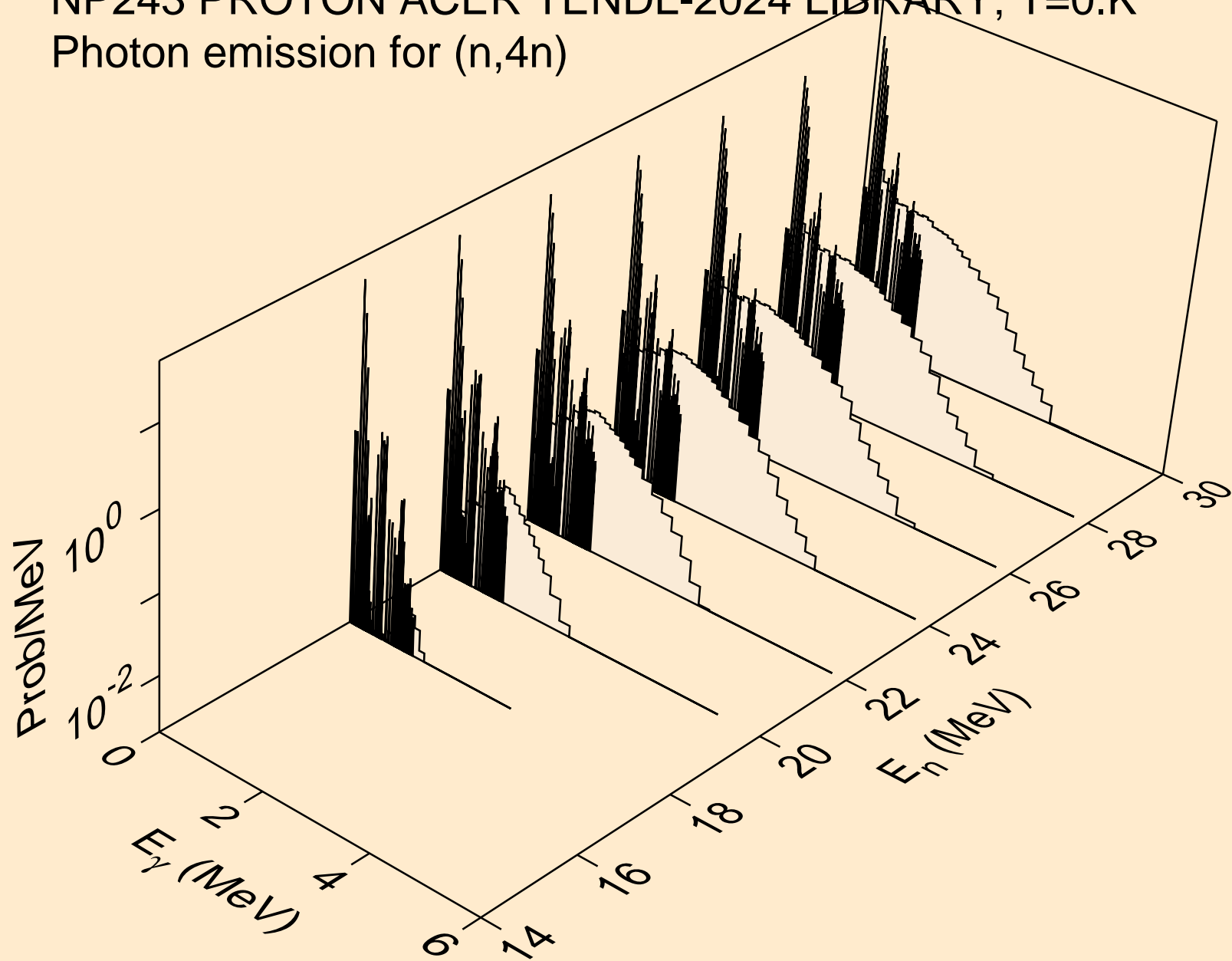
NP243 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



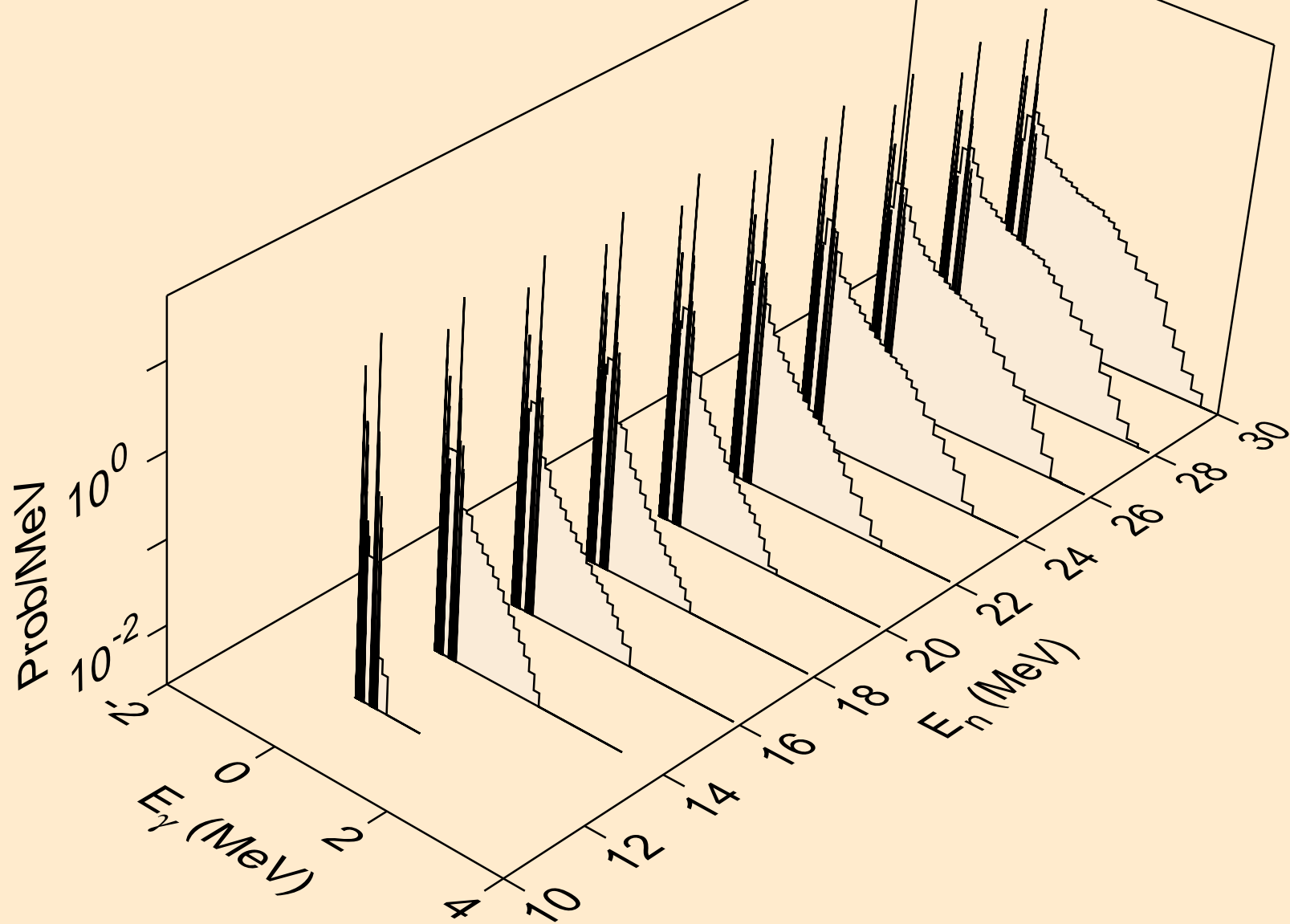
NP243 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



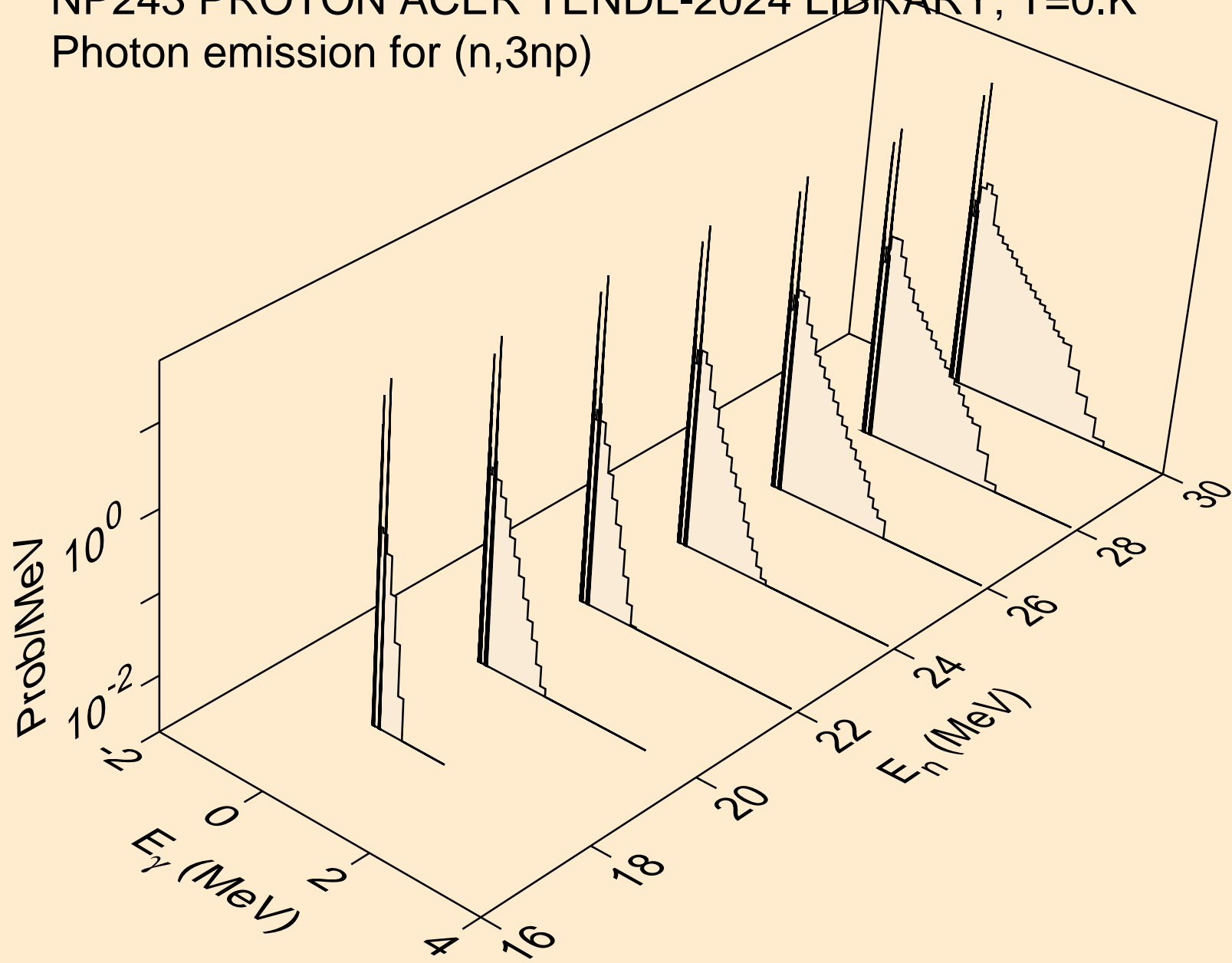
NP243 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



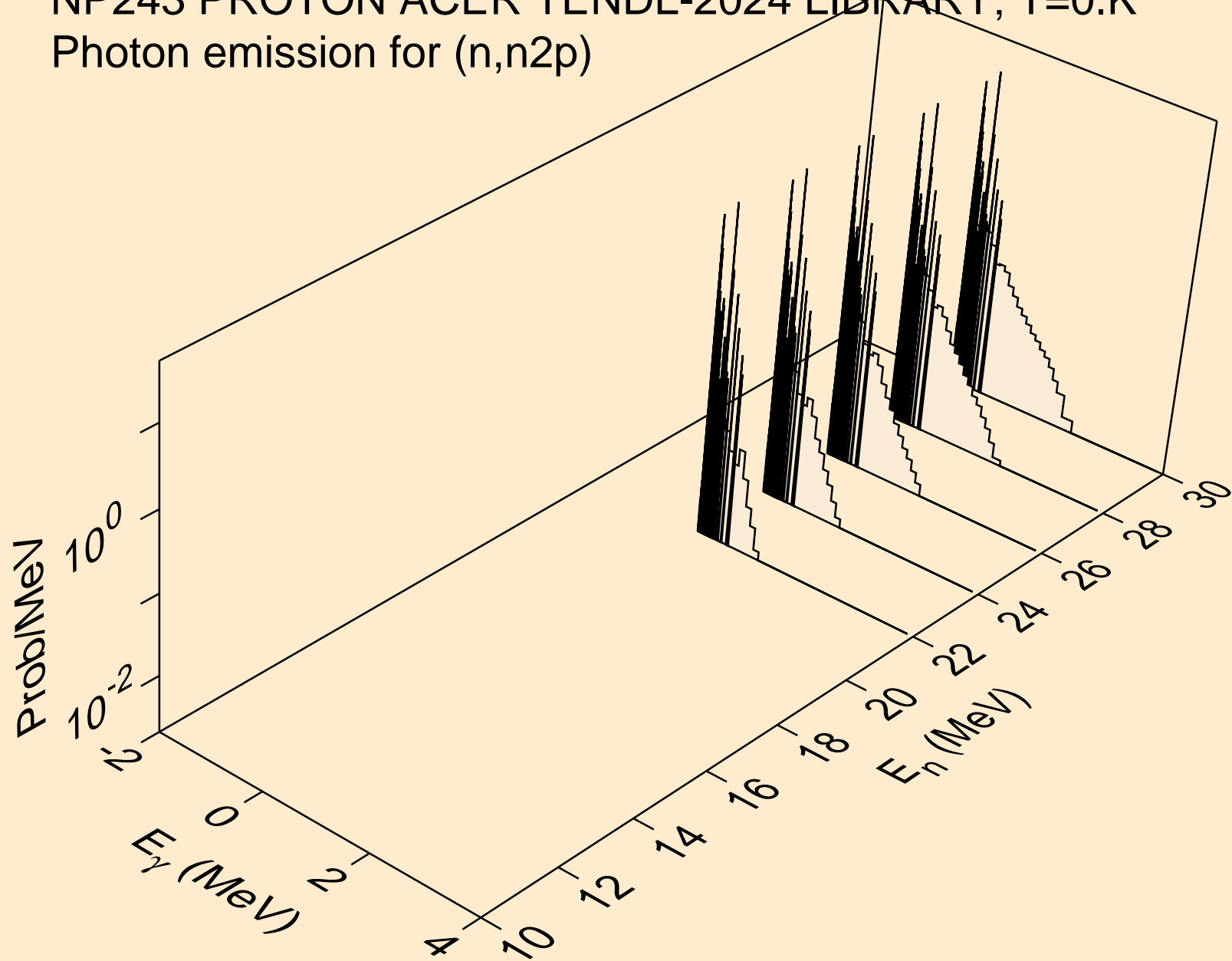
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Photon emission for (n,2np)



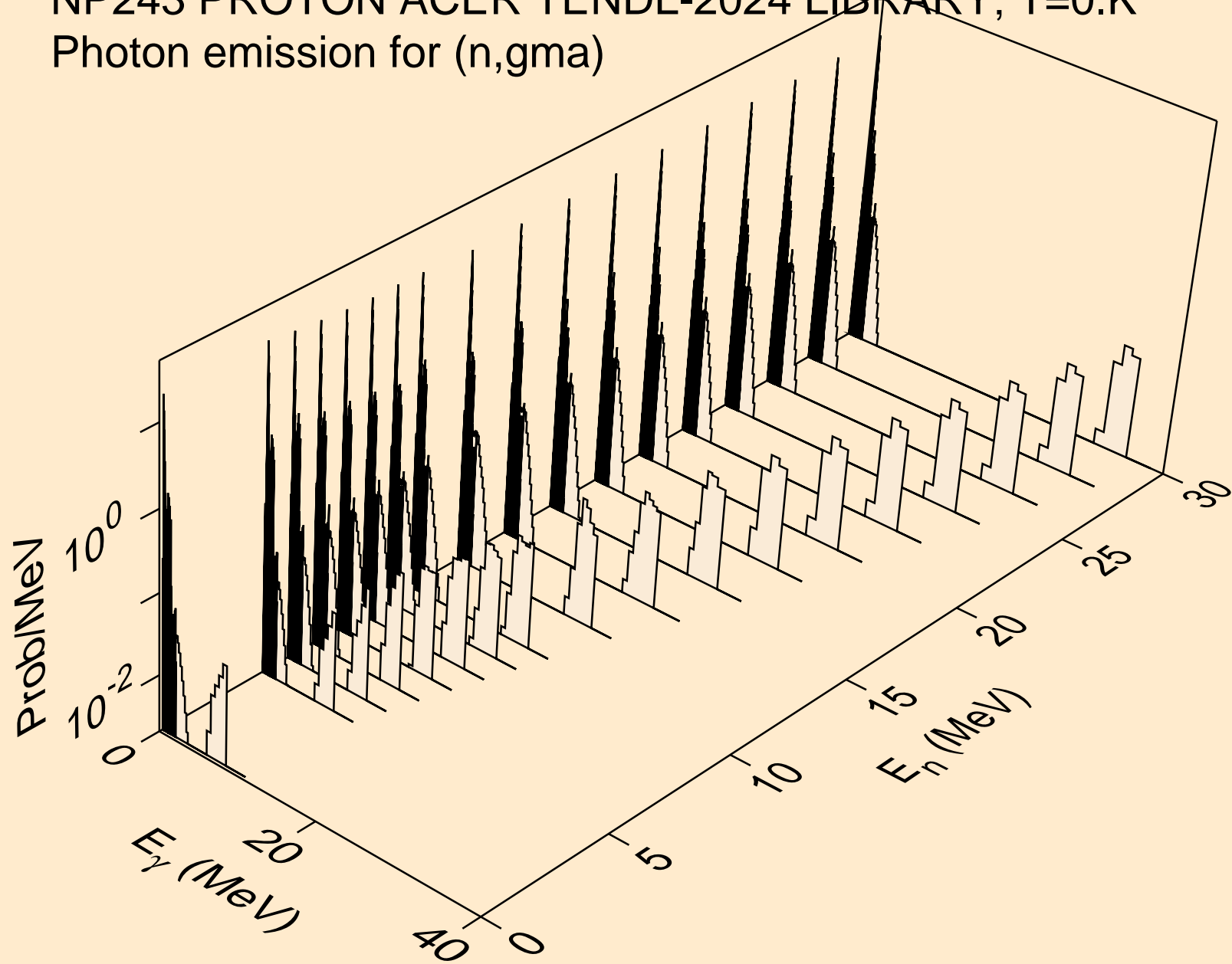
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Photon emission for (n,3np)



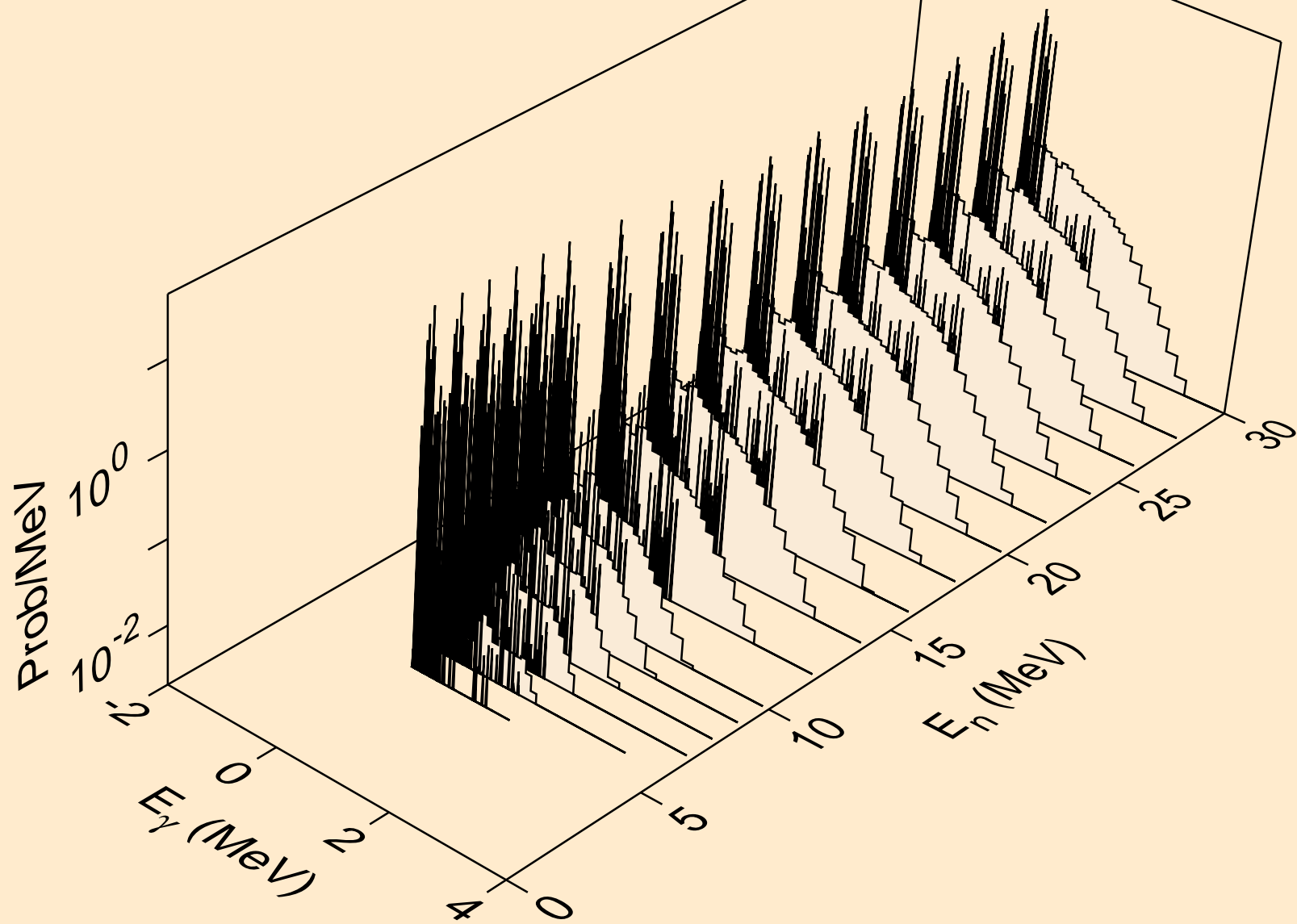
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Photon emission for (n,n2p)



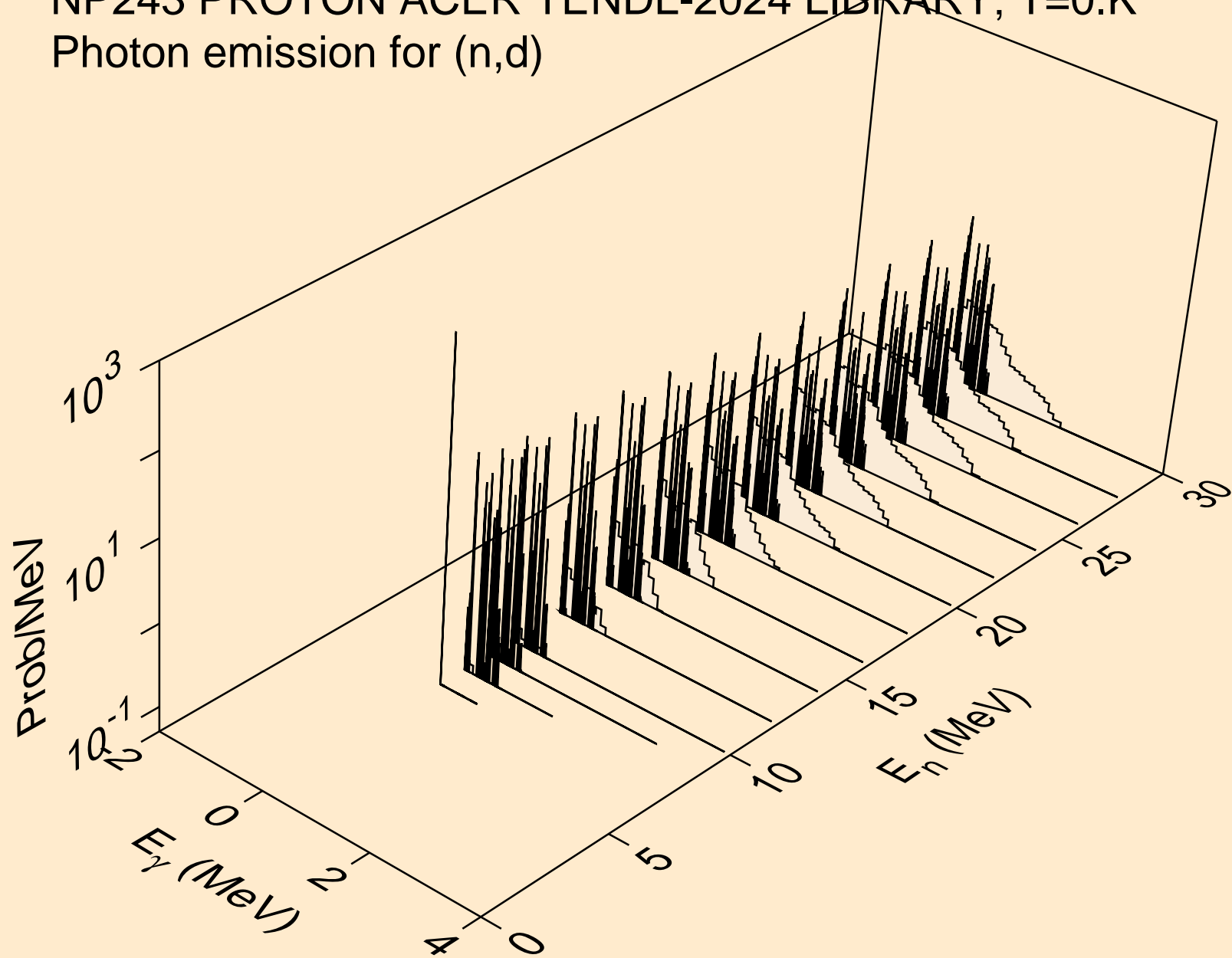
NP243 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



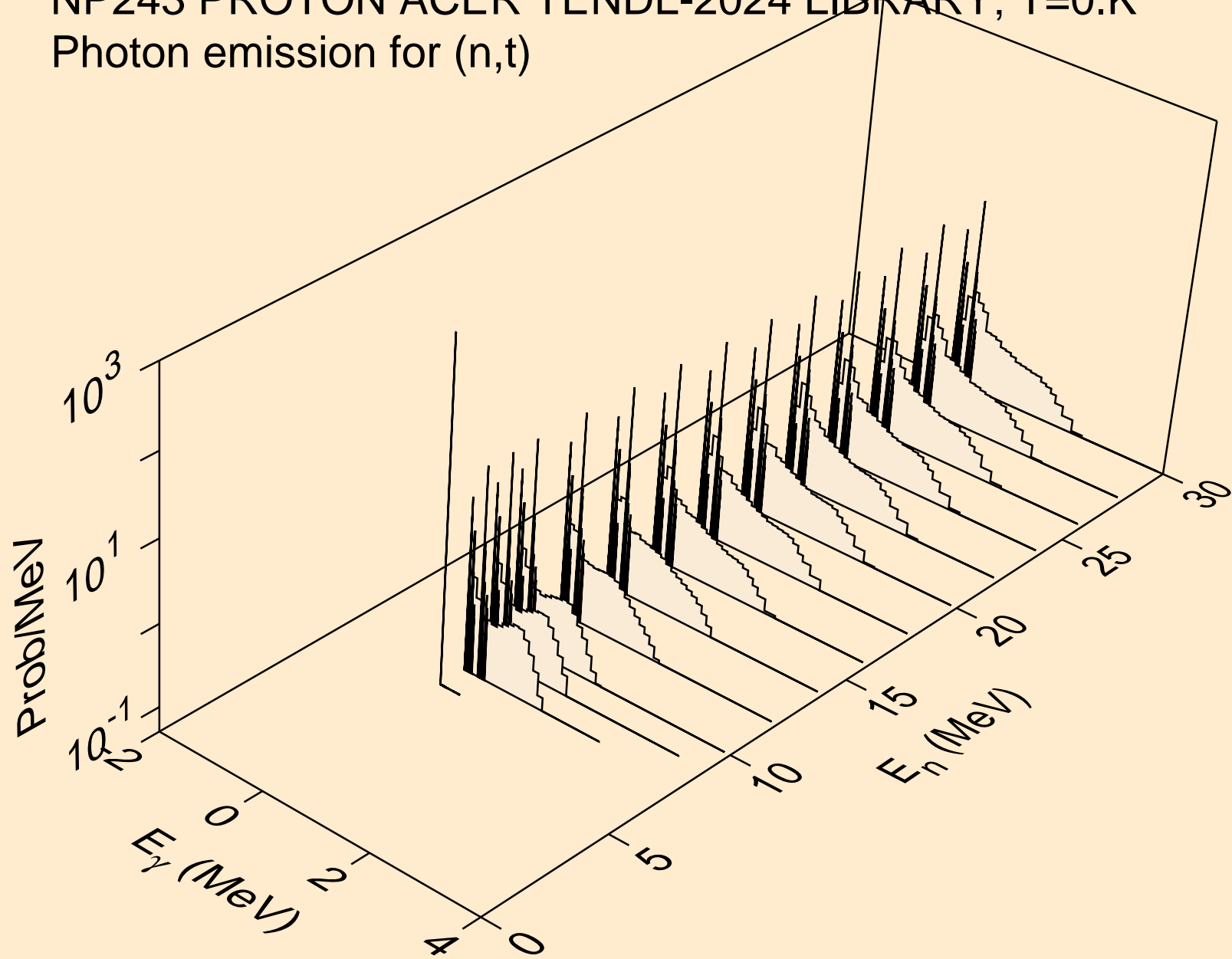
NP243 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic



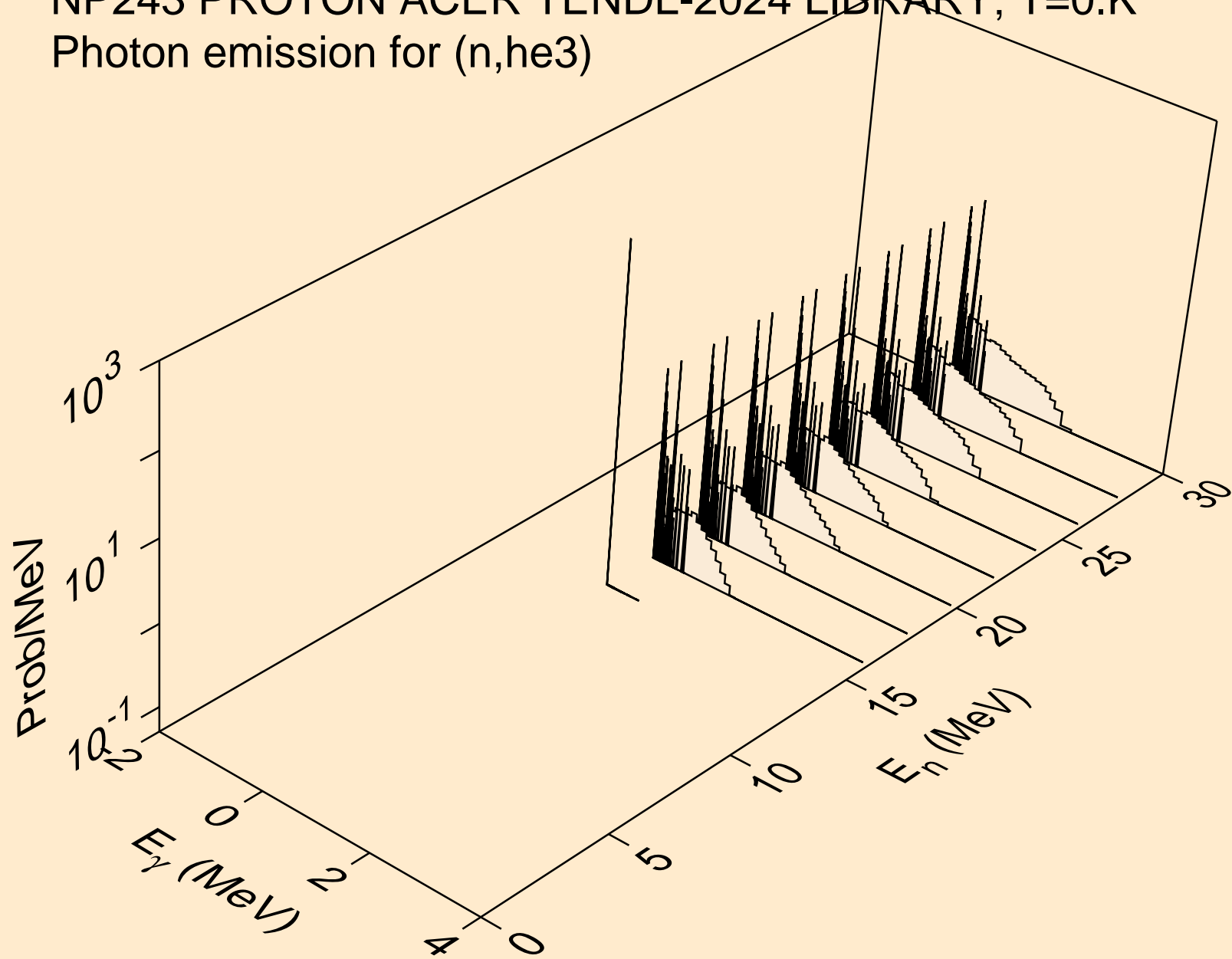
NP243 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



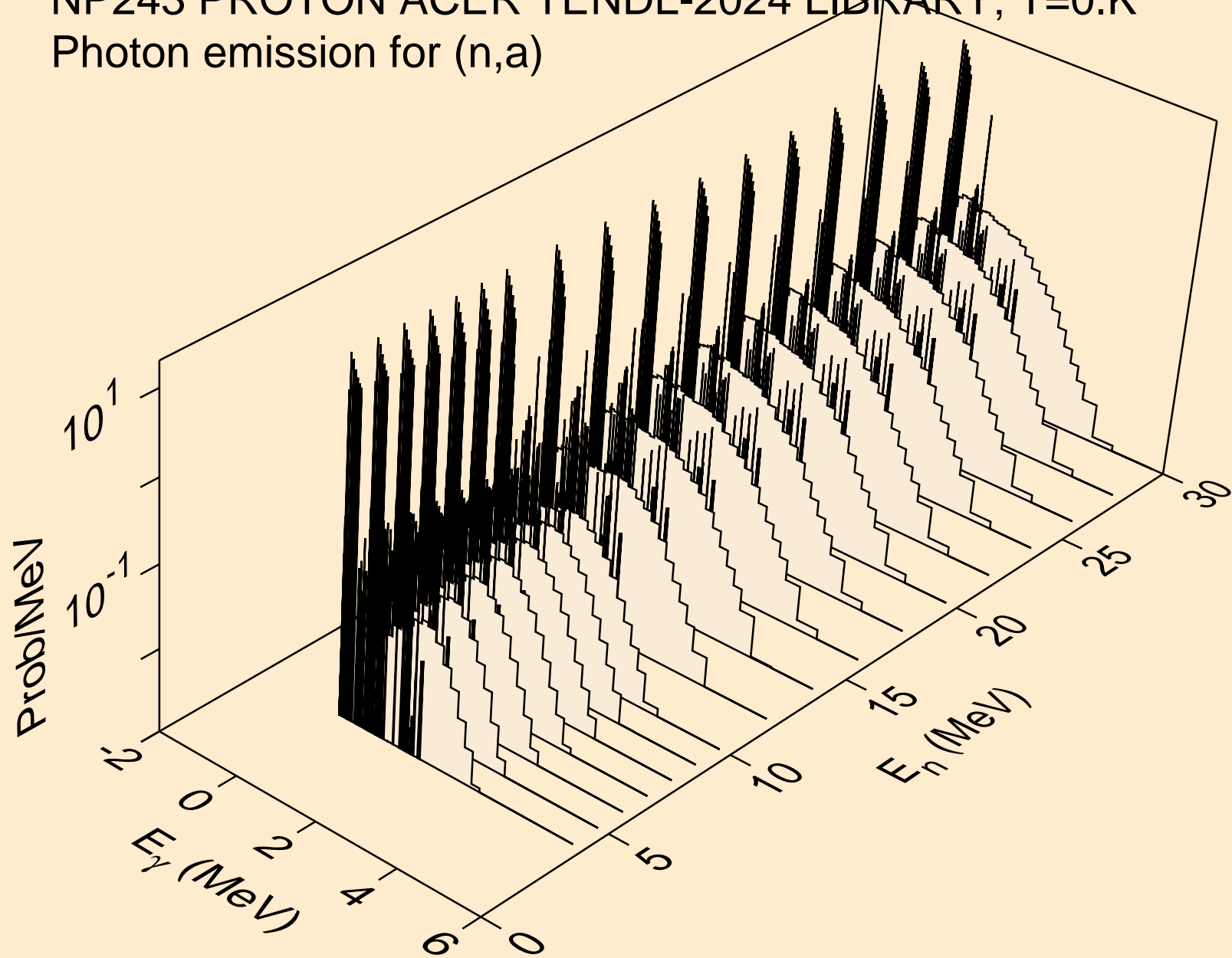
NP243 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



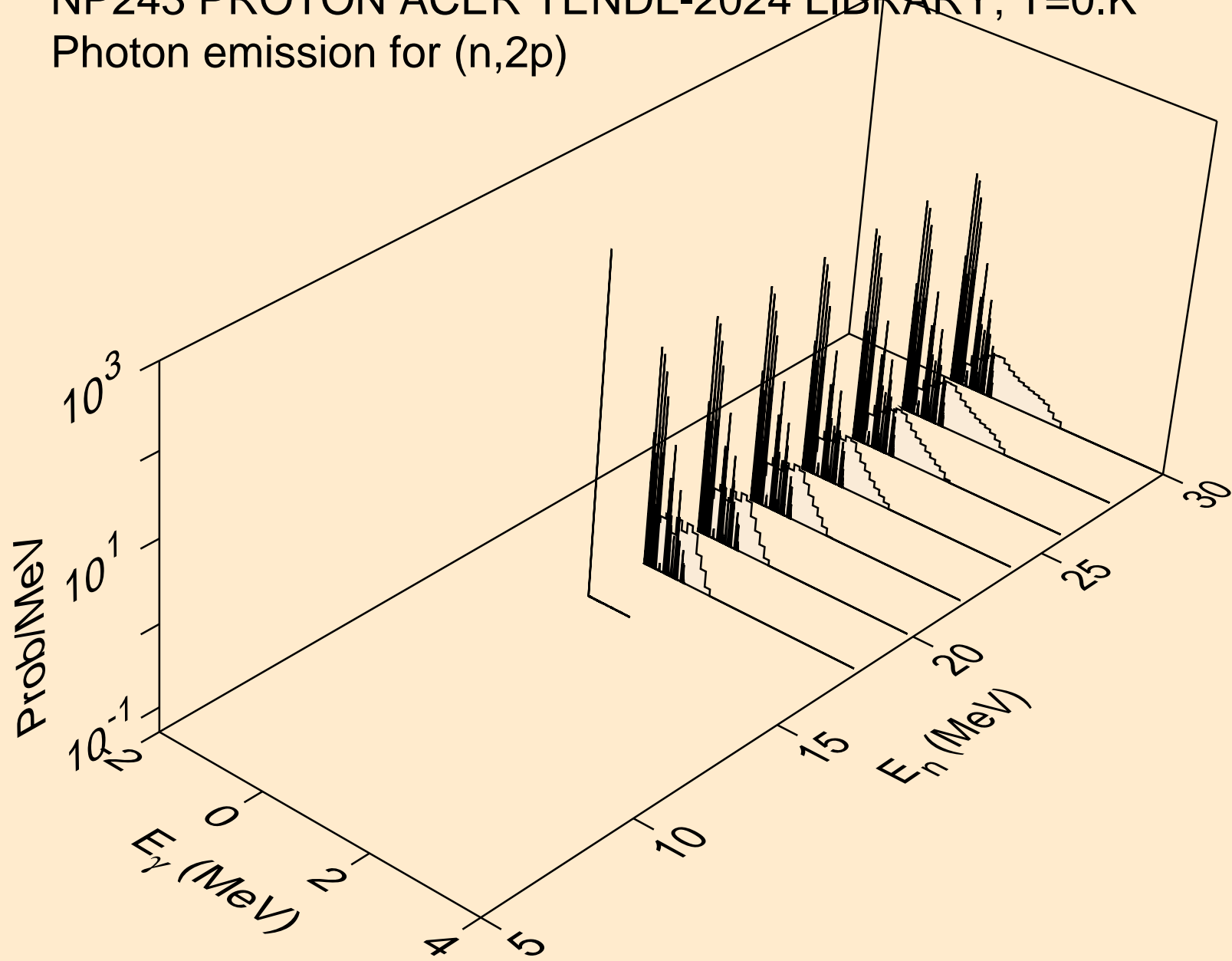
NP243 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



NP243 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)

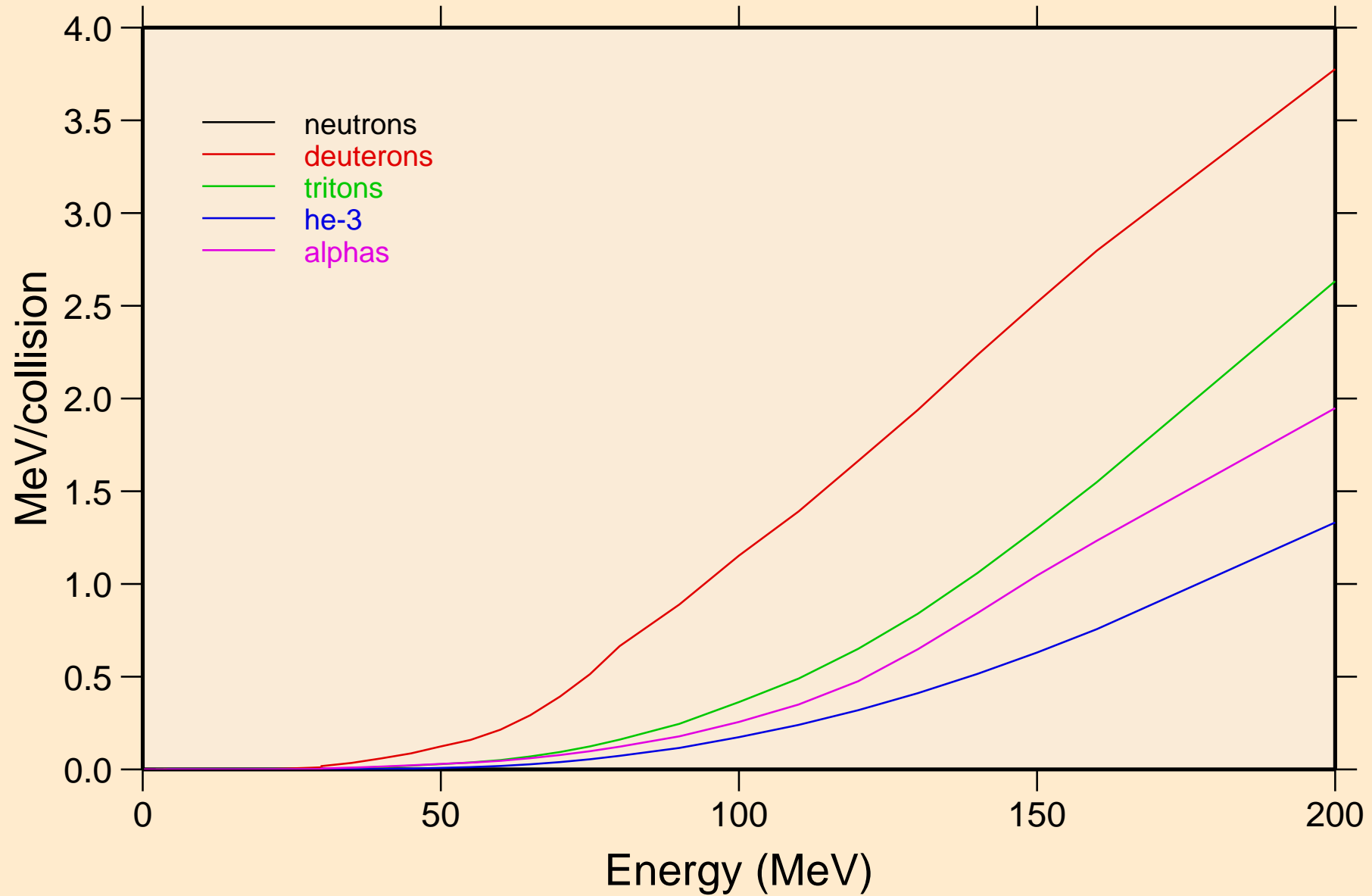


NP243 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)

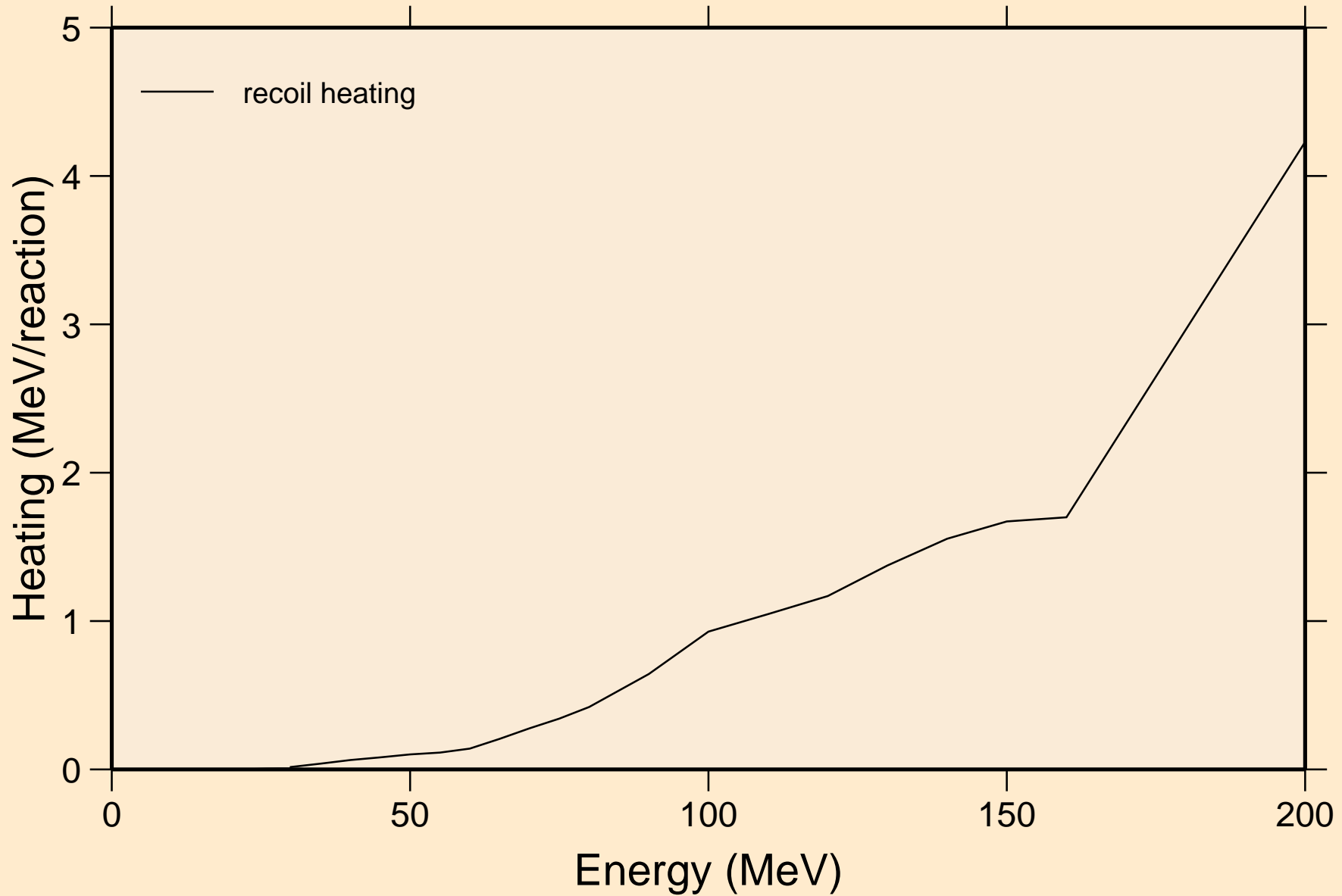


# NP243 PROTON ACER TENDL-2024 LIBRARY; T=0.K

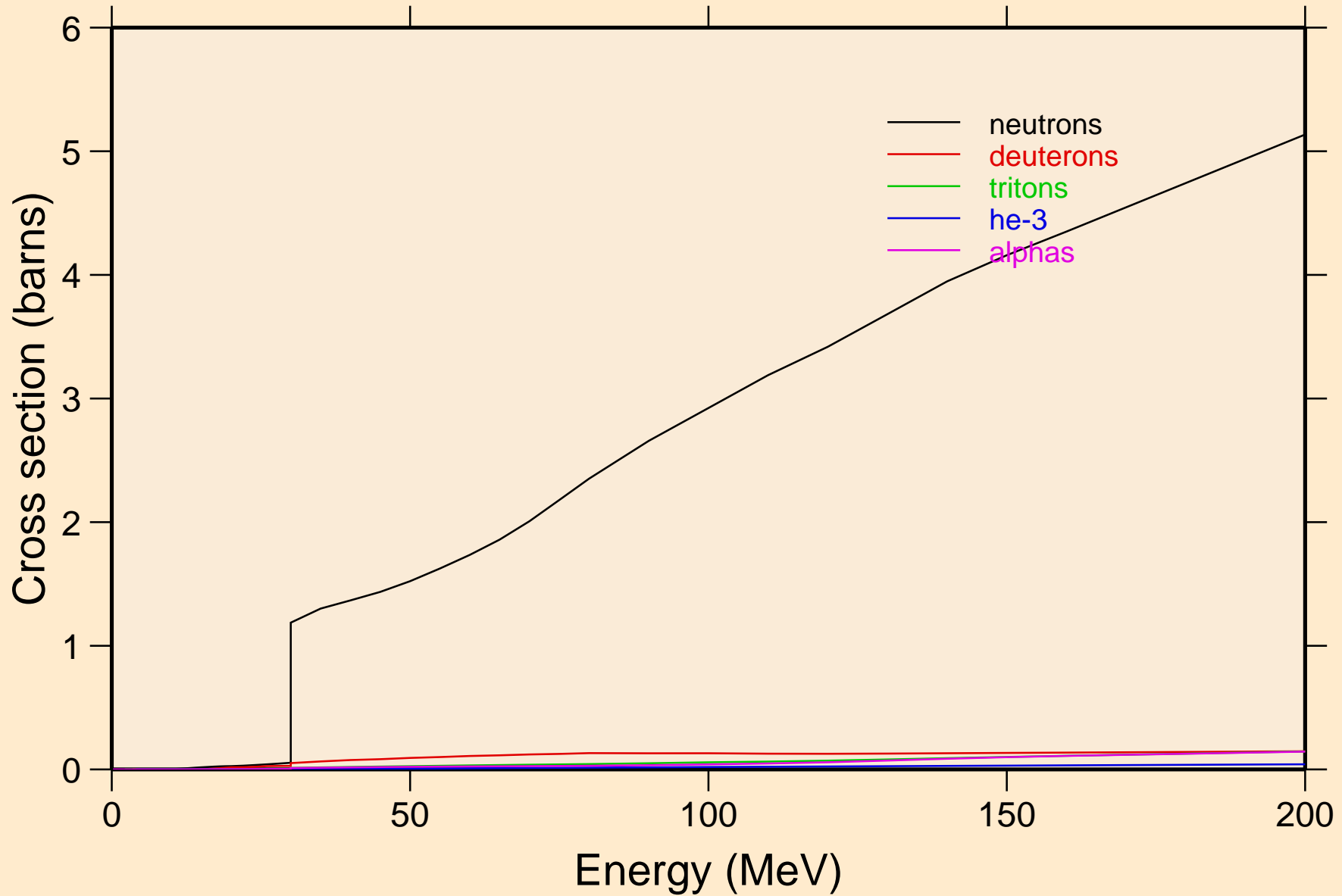
## Particle heating contributions



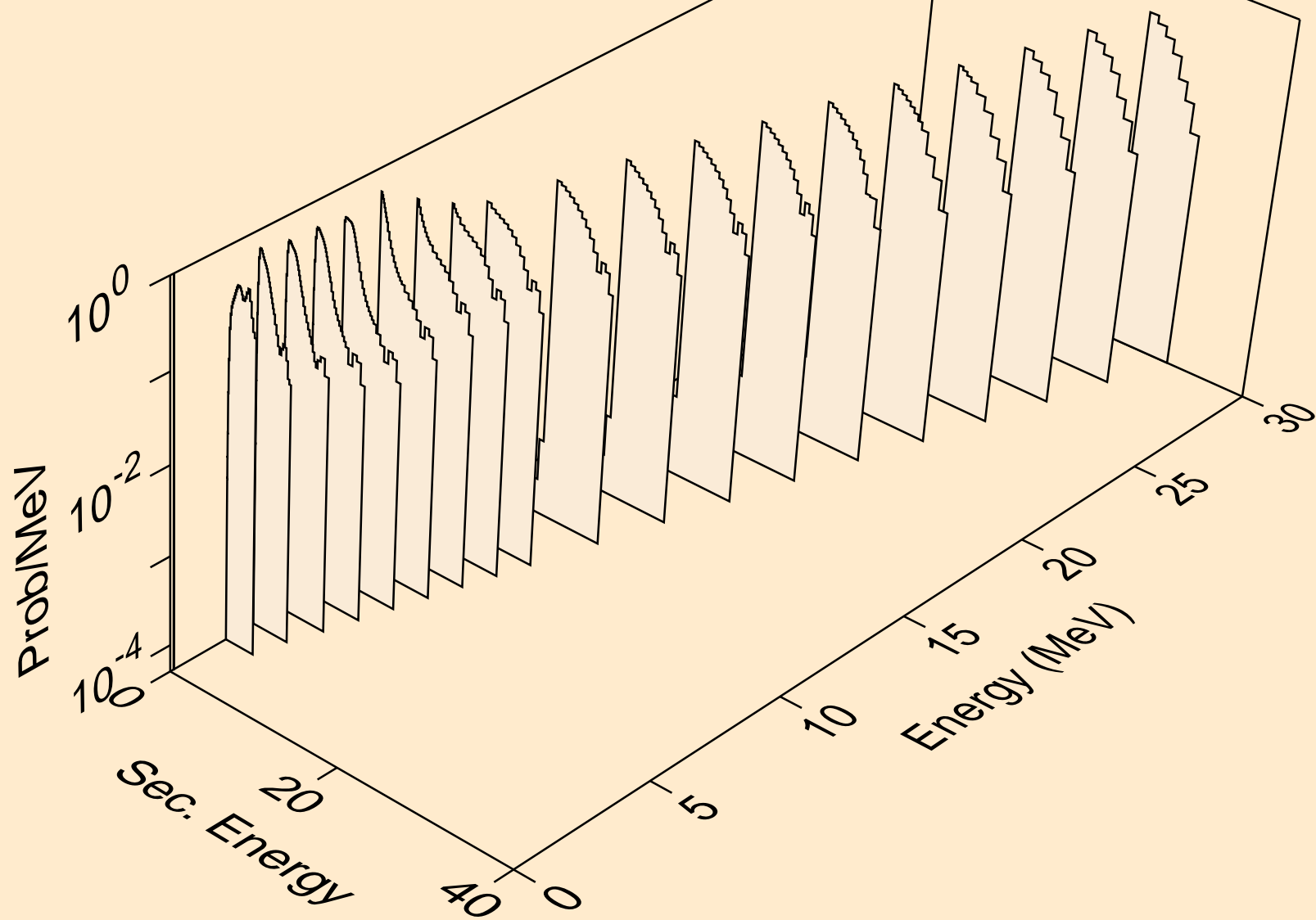
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Recoil Heating



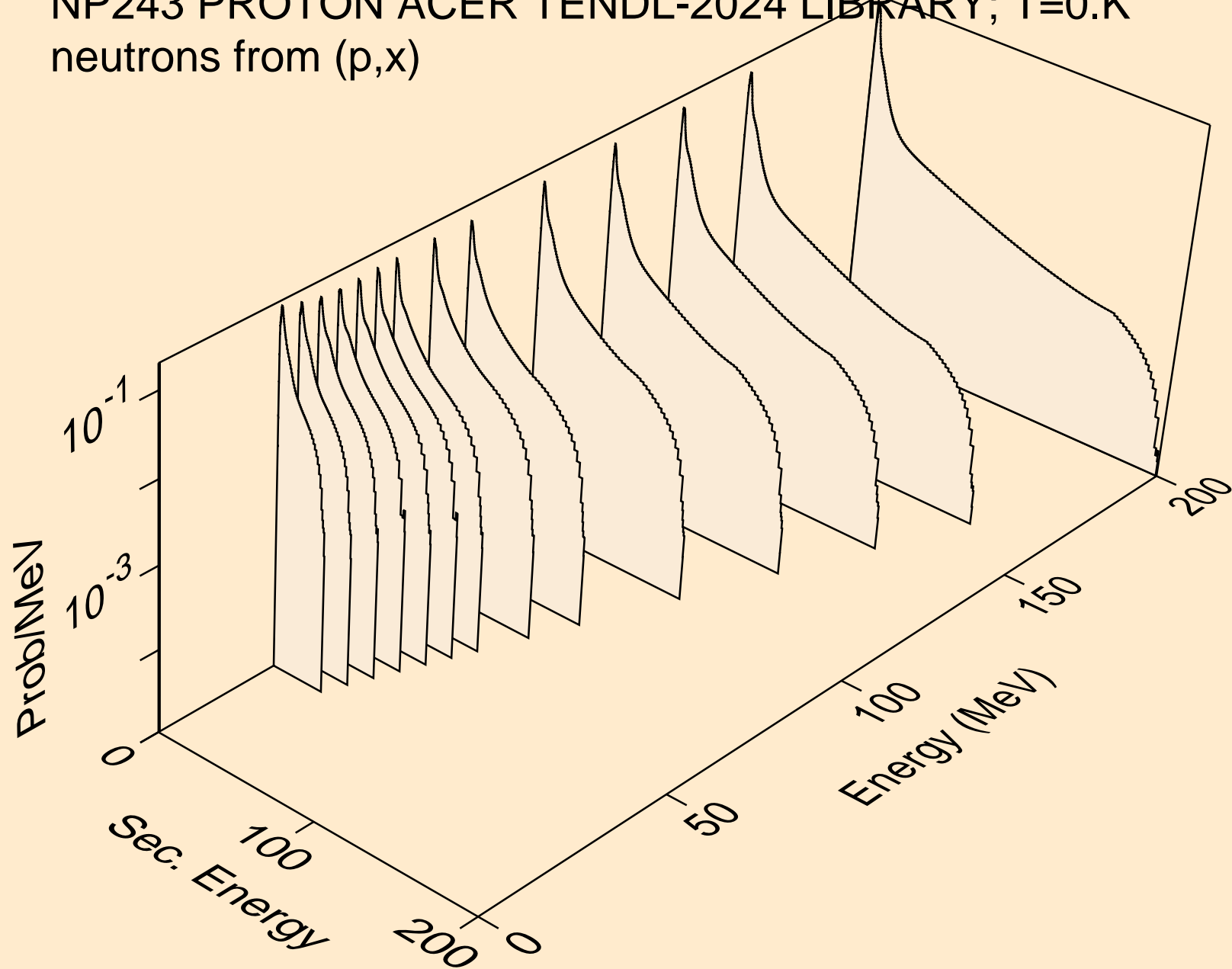
NP243 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



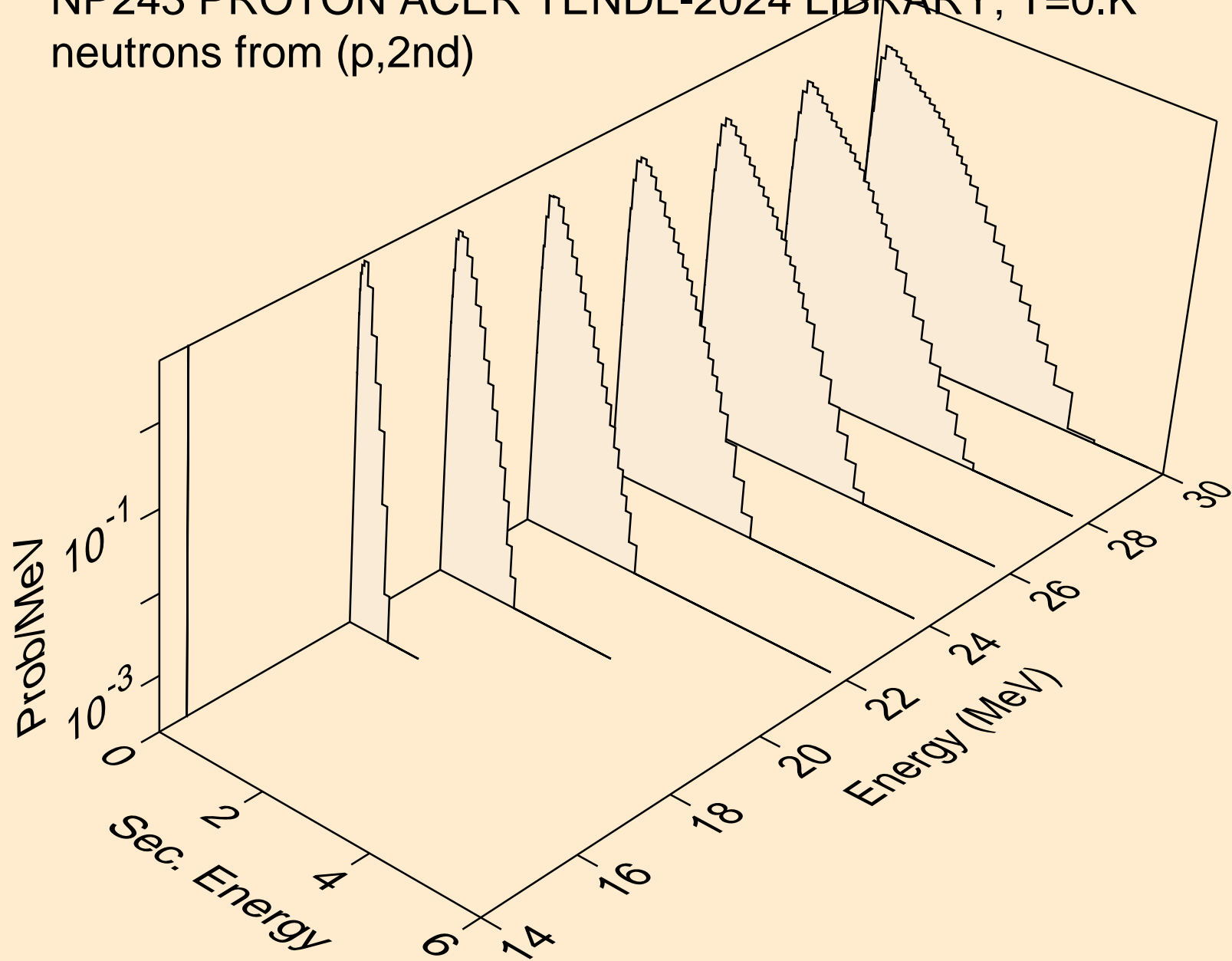
NP243 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n)



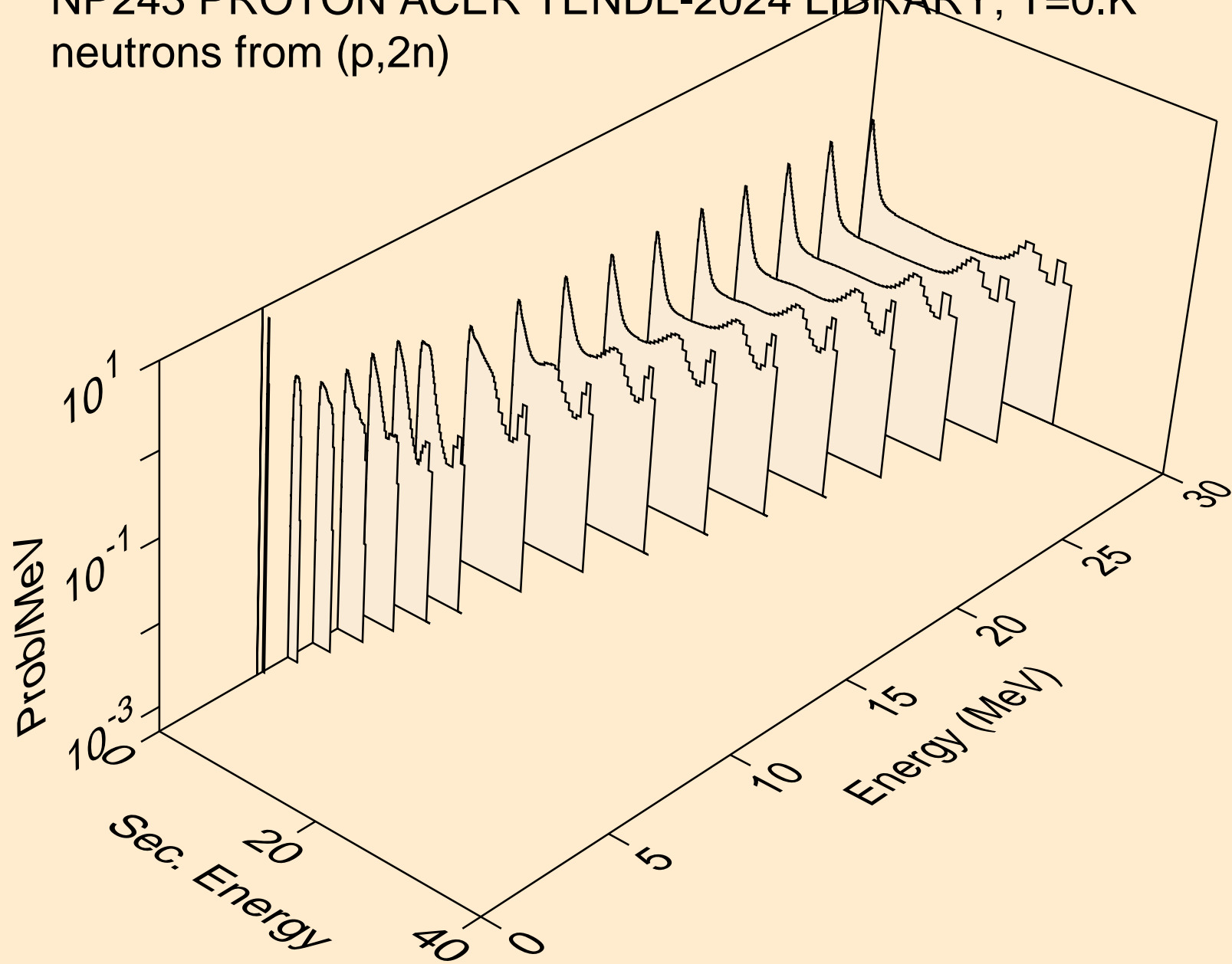
NP243 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,x)



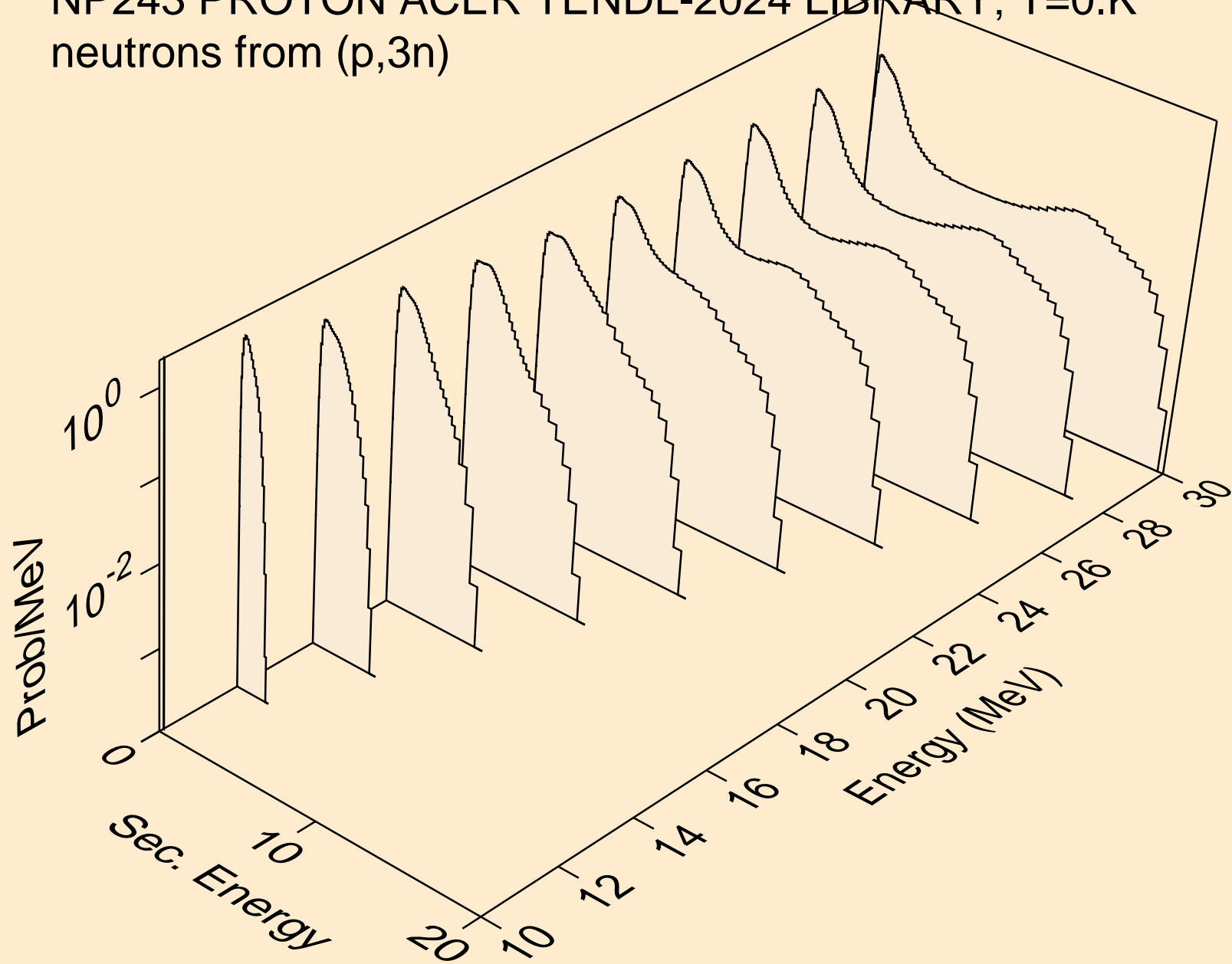
NP243 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,2nd)



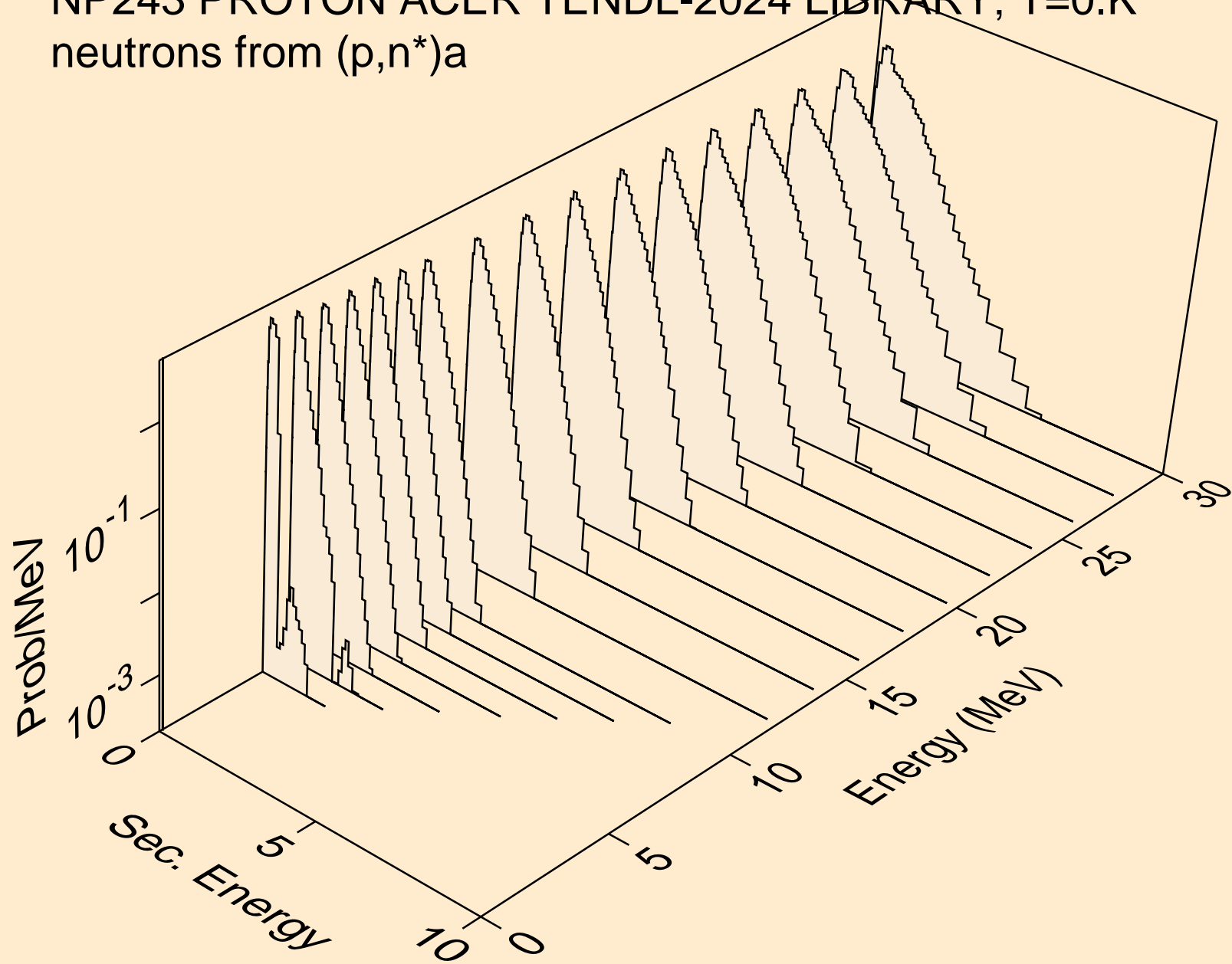
NP243 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,2n)



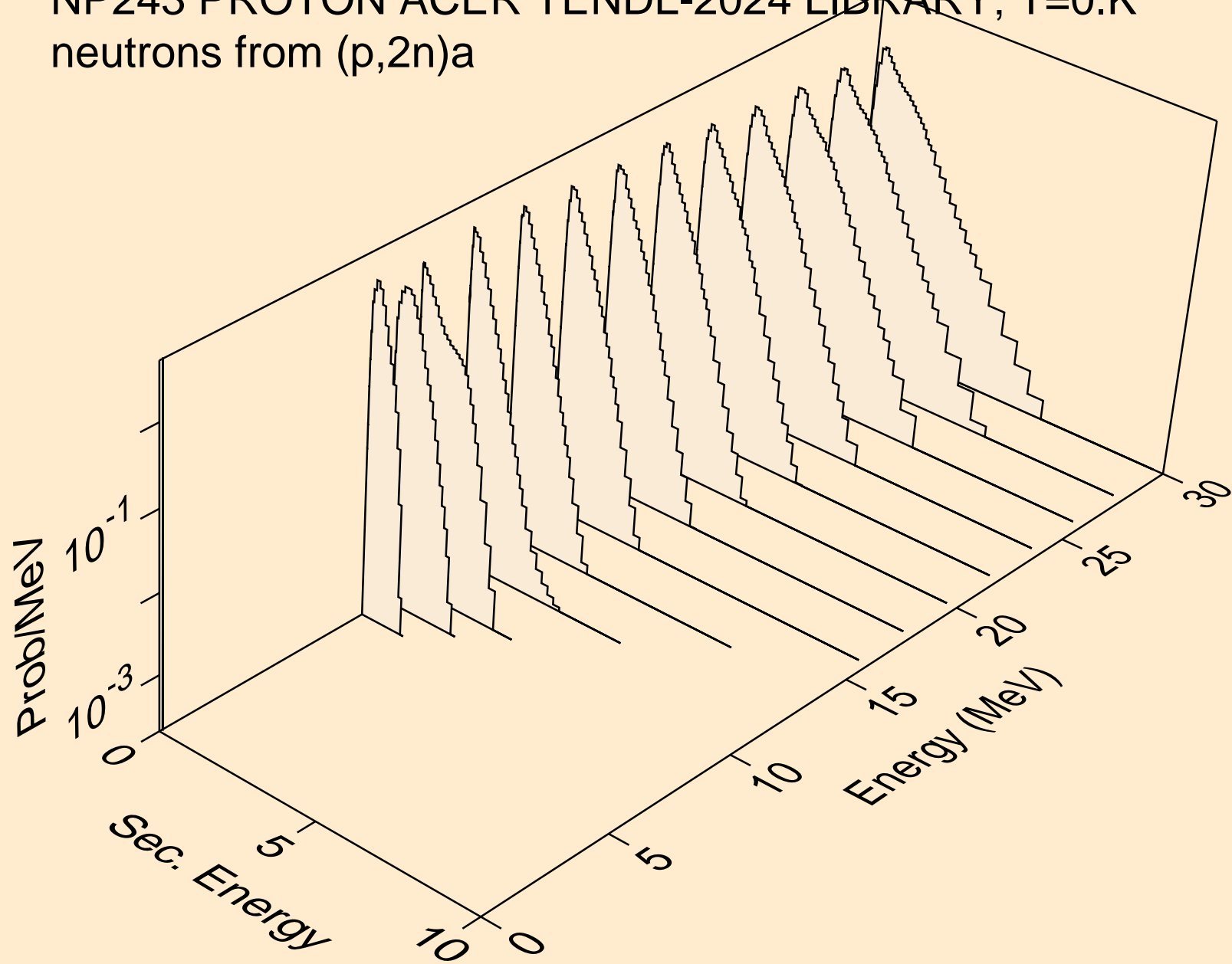
NP243 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,3n)



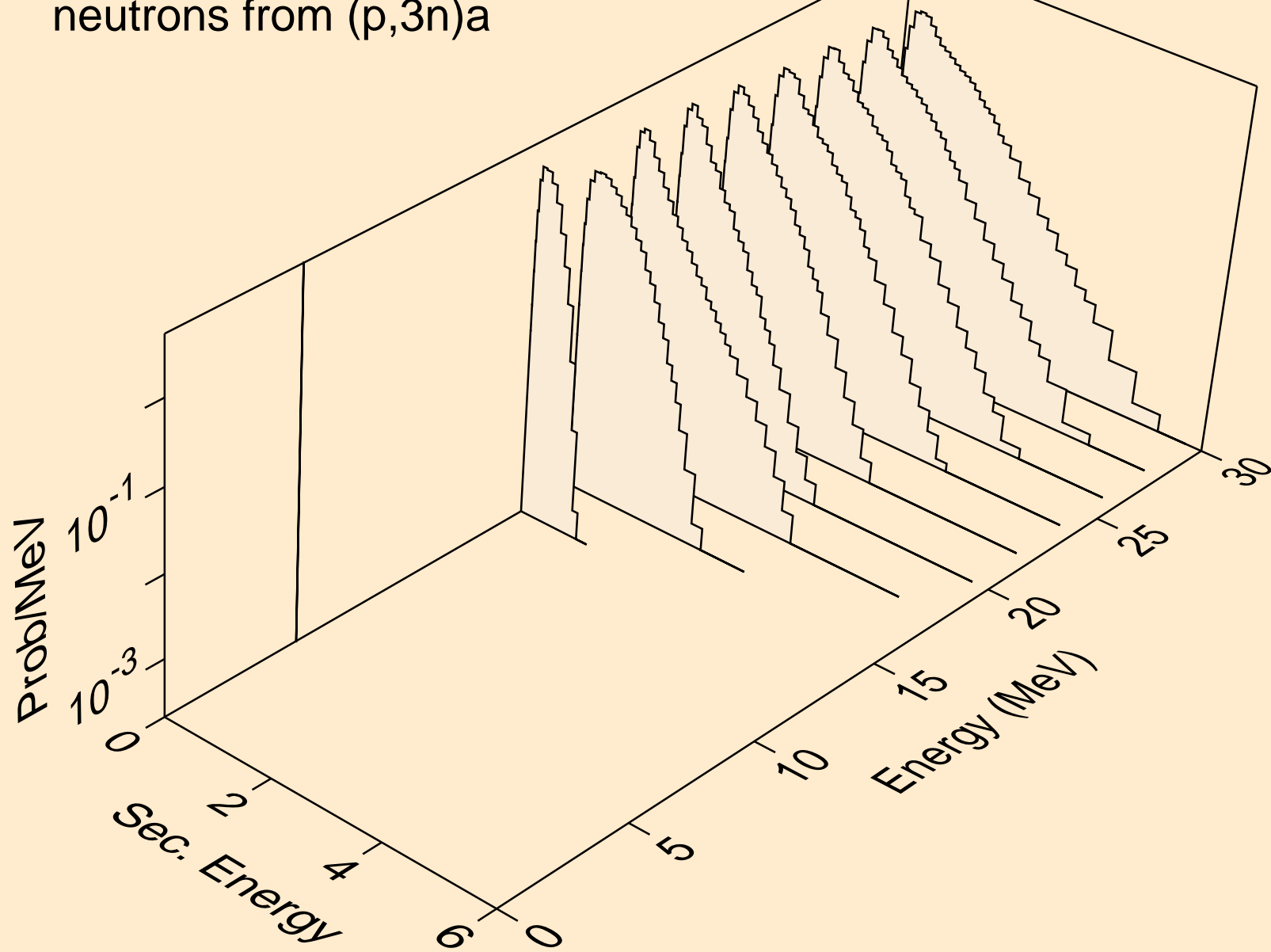
NP243 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)a



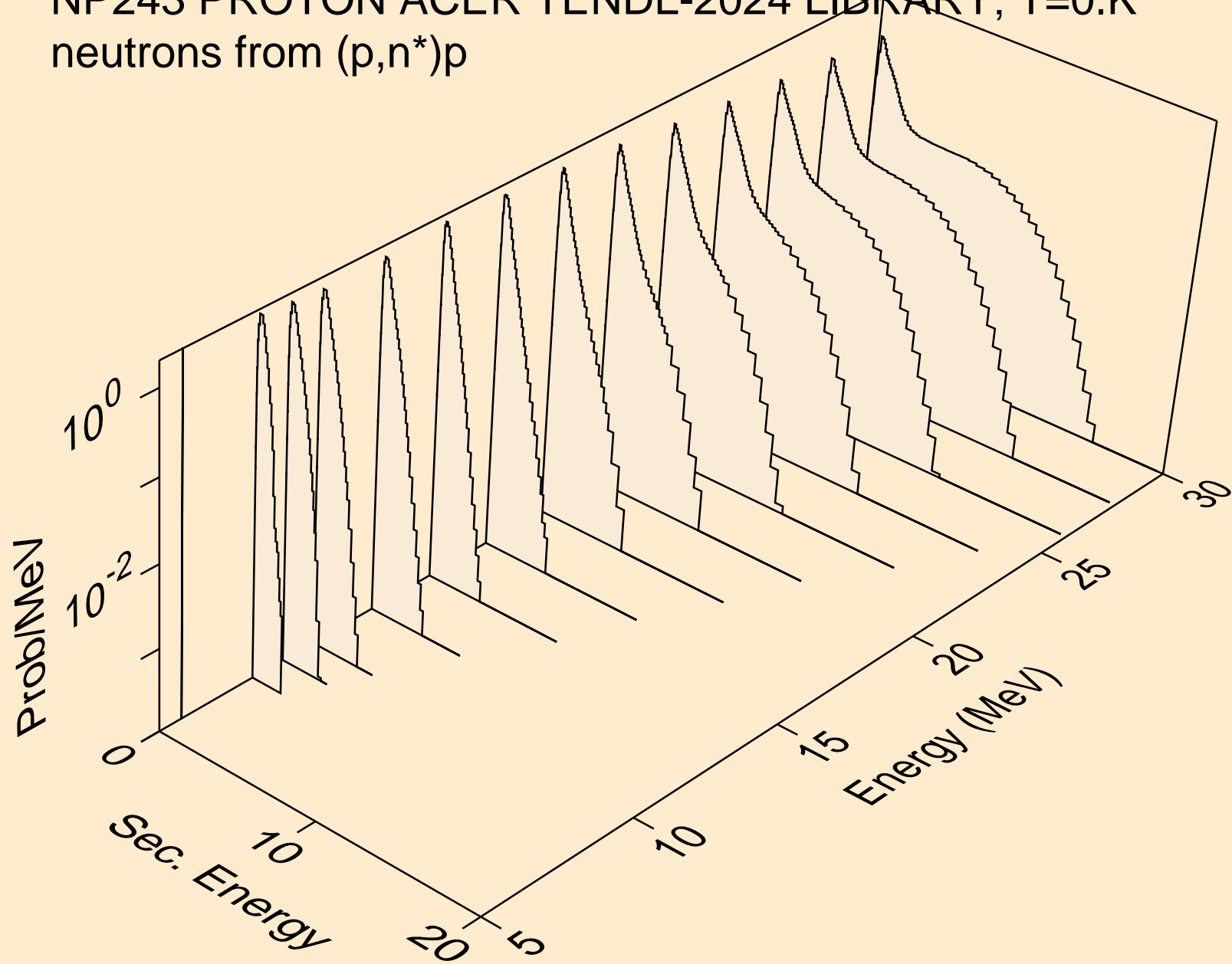
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neutrons from (p,2n)a



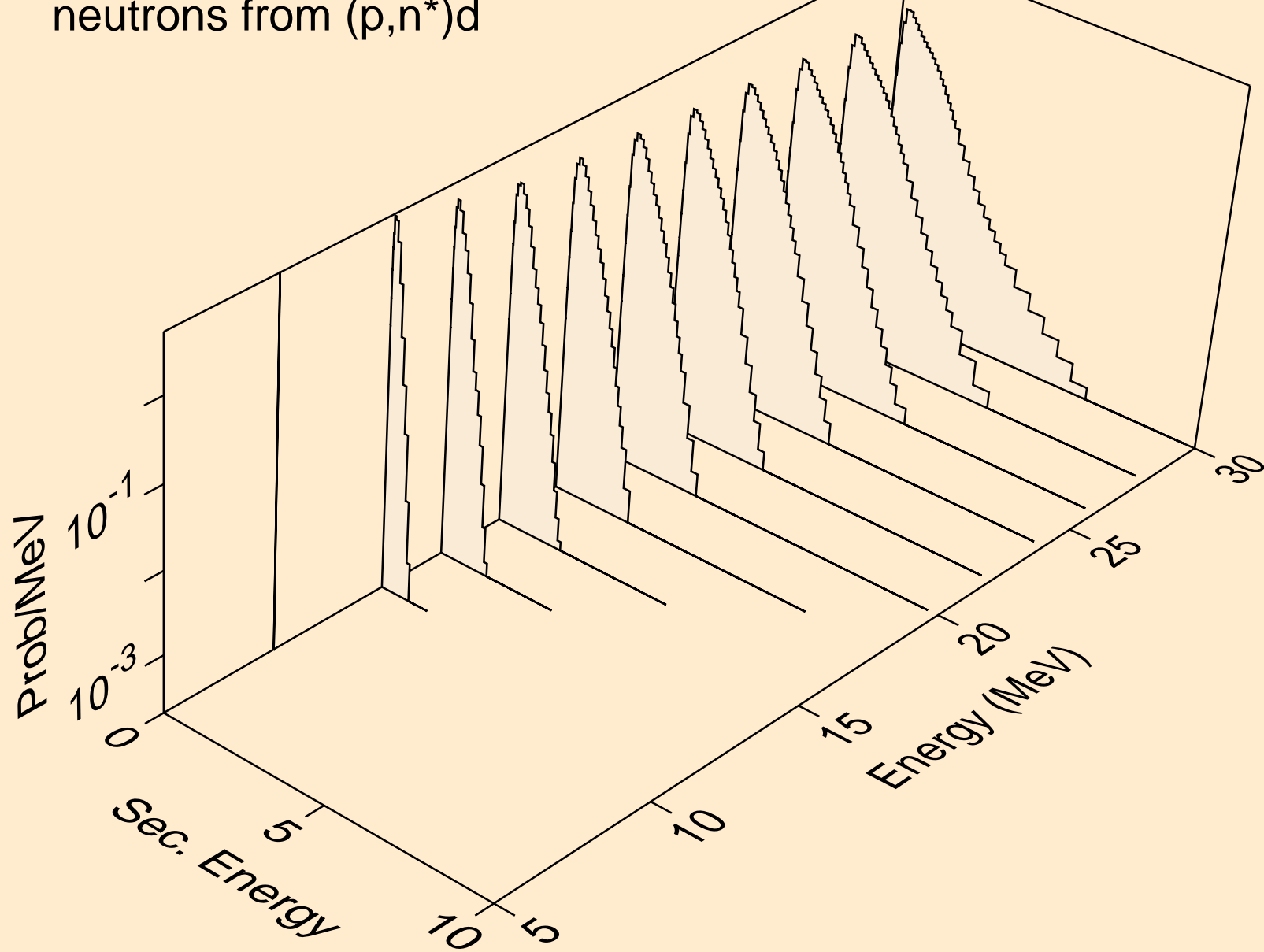
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neutrons from (p,3n)a



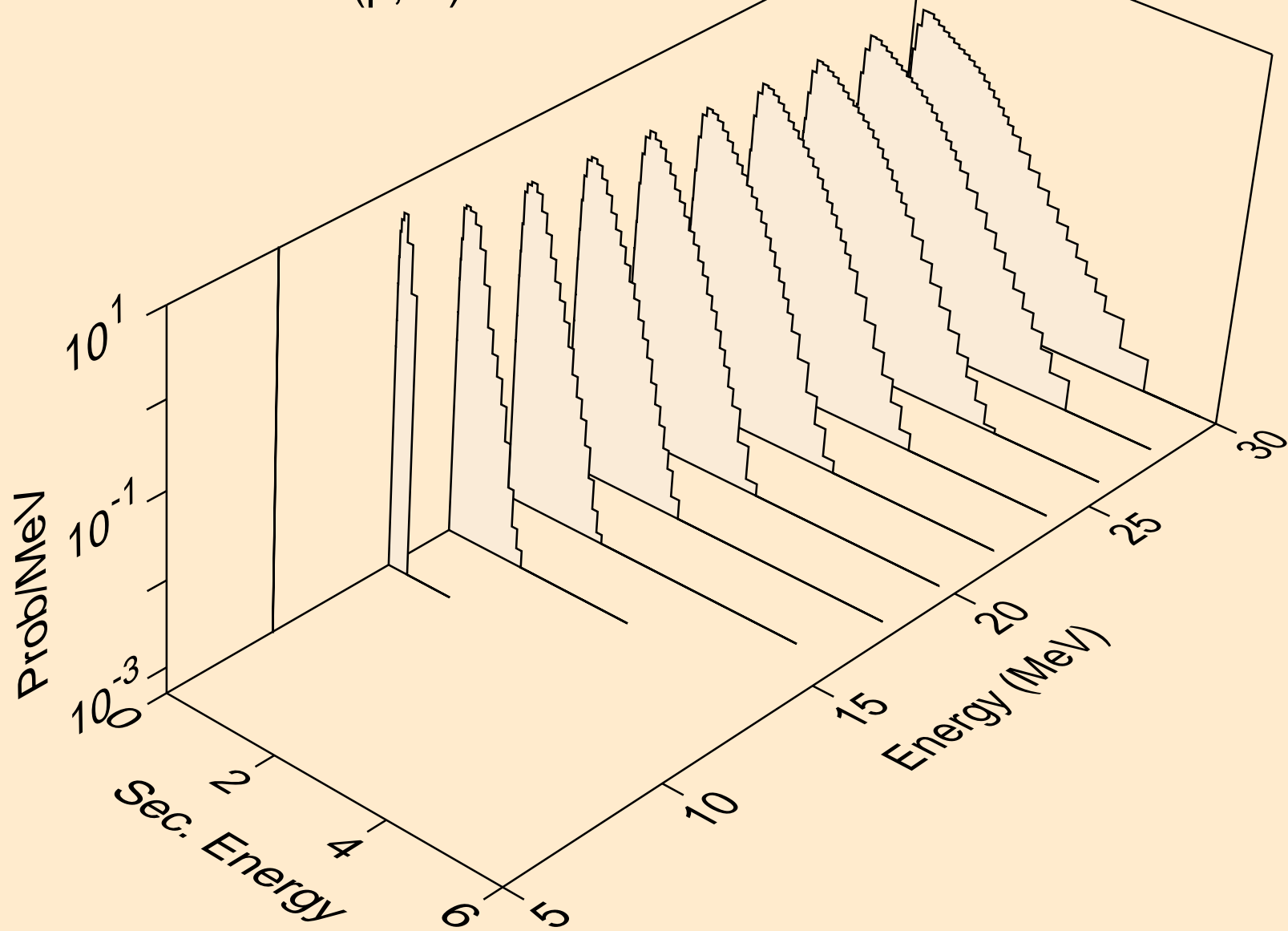
NP243 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)p



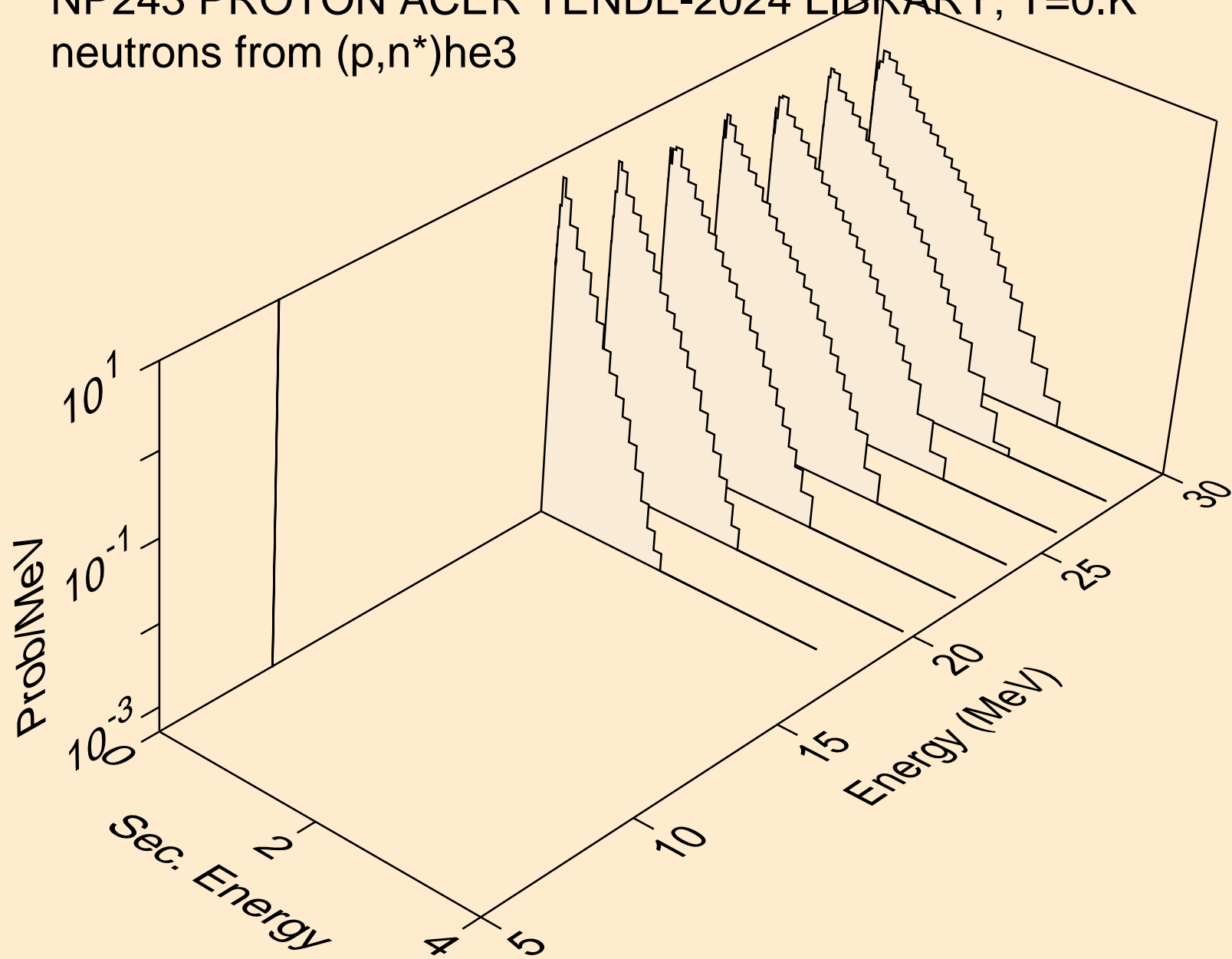
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neutrons from (p,n\*)d



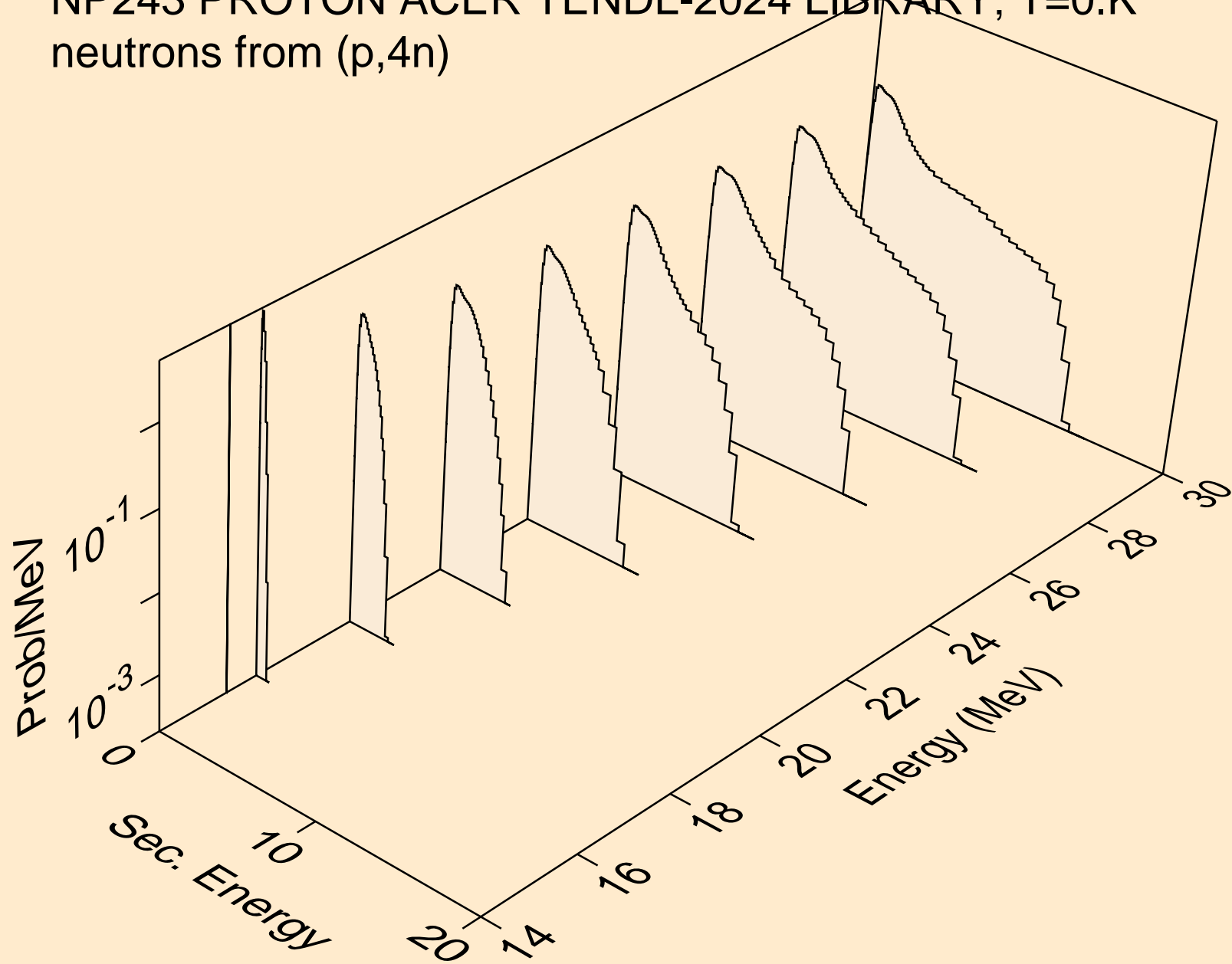
NP243 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)t



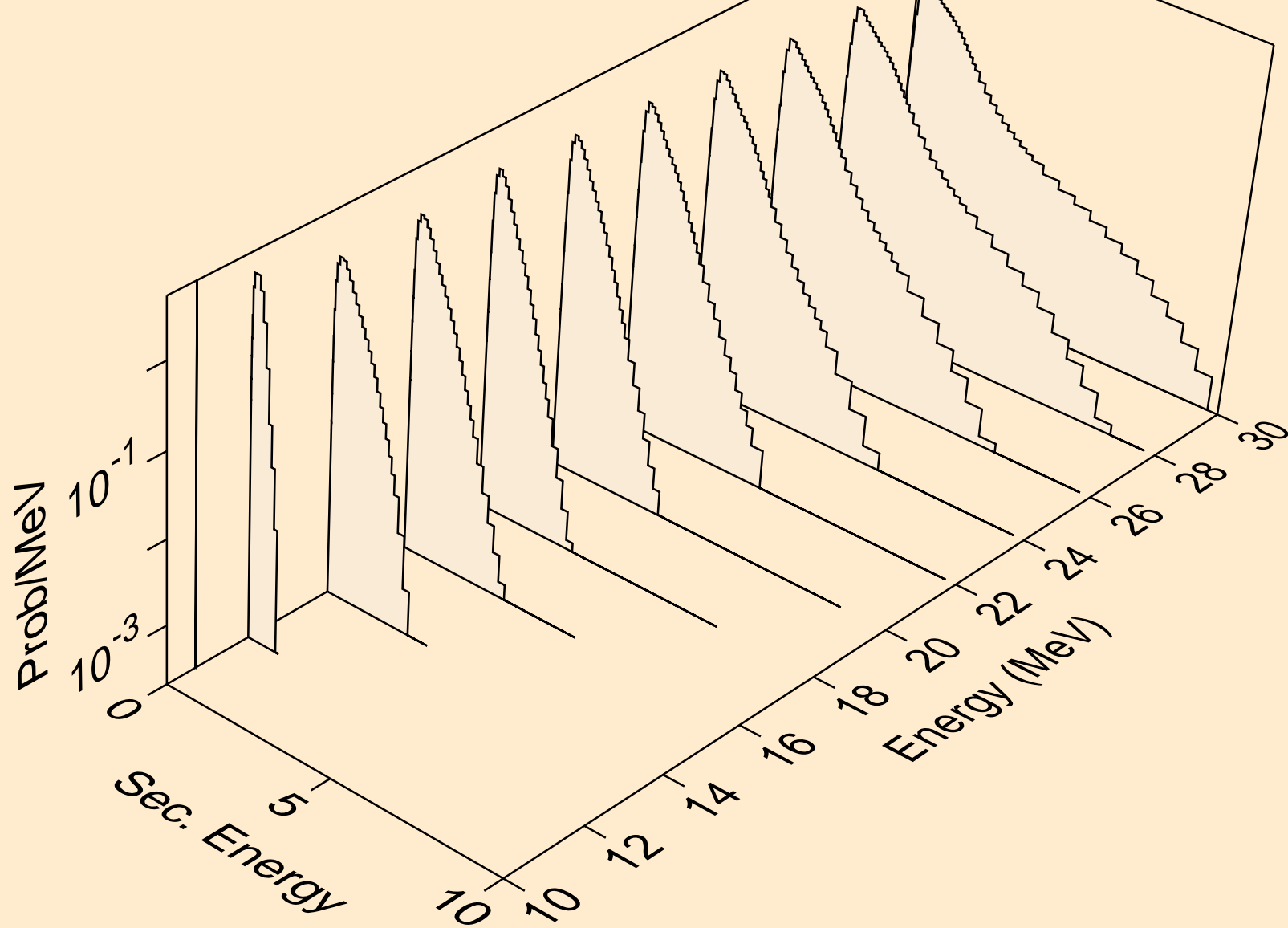
NP243 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



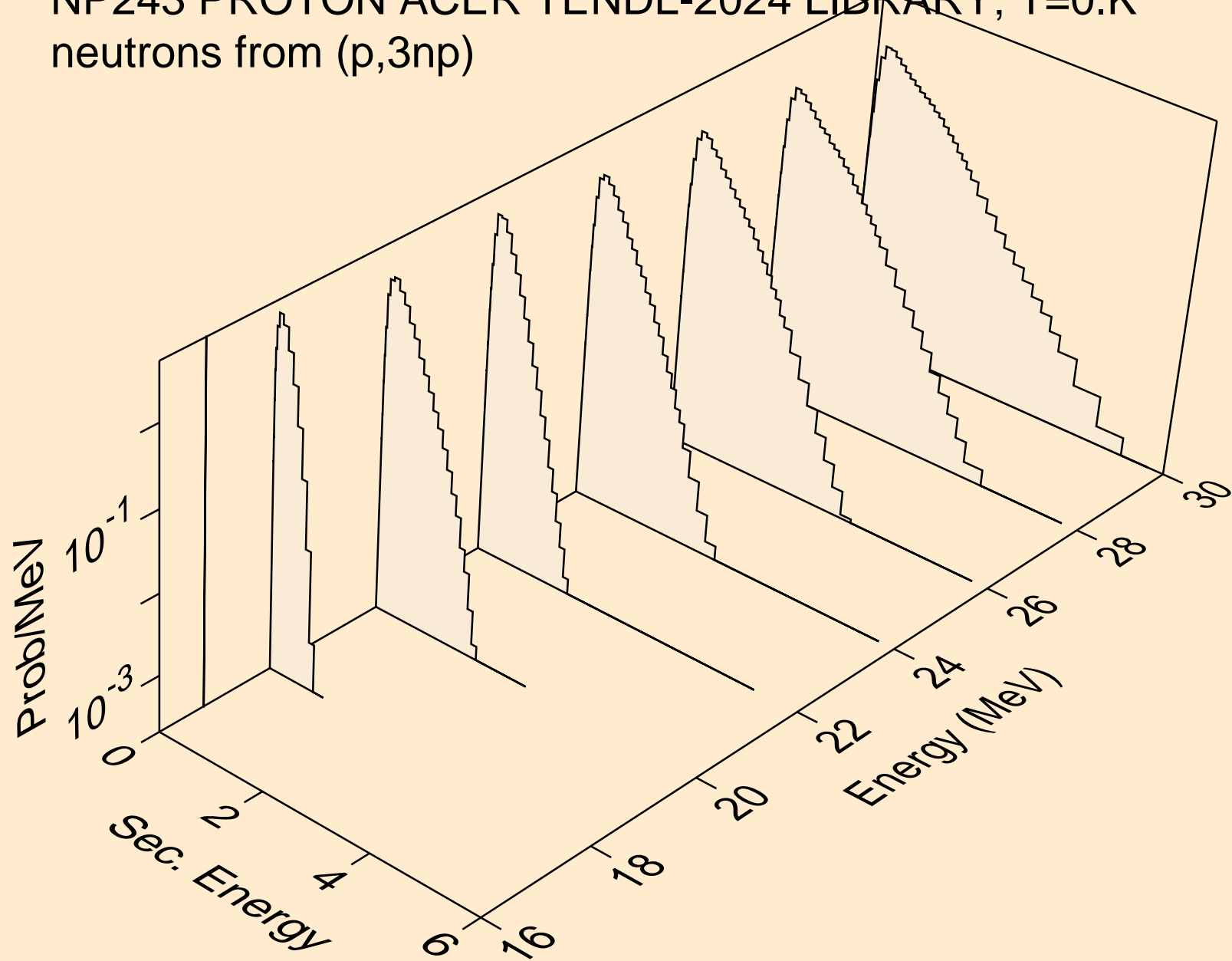
NP243 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,4n)



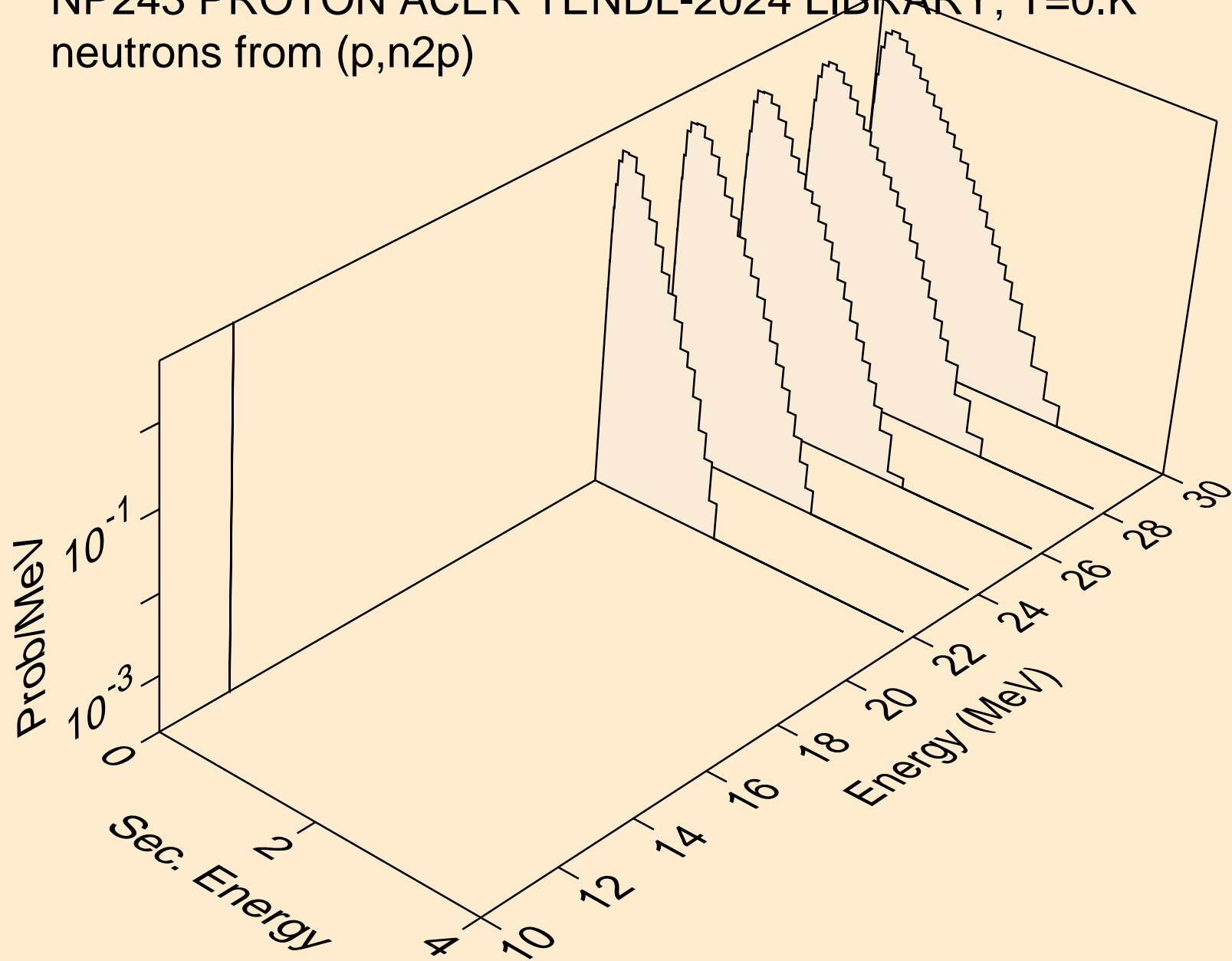
NP243 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,2np)



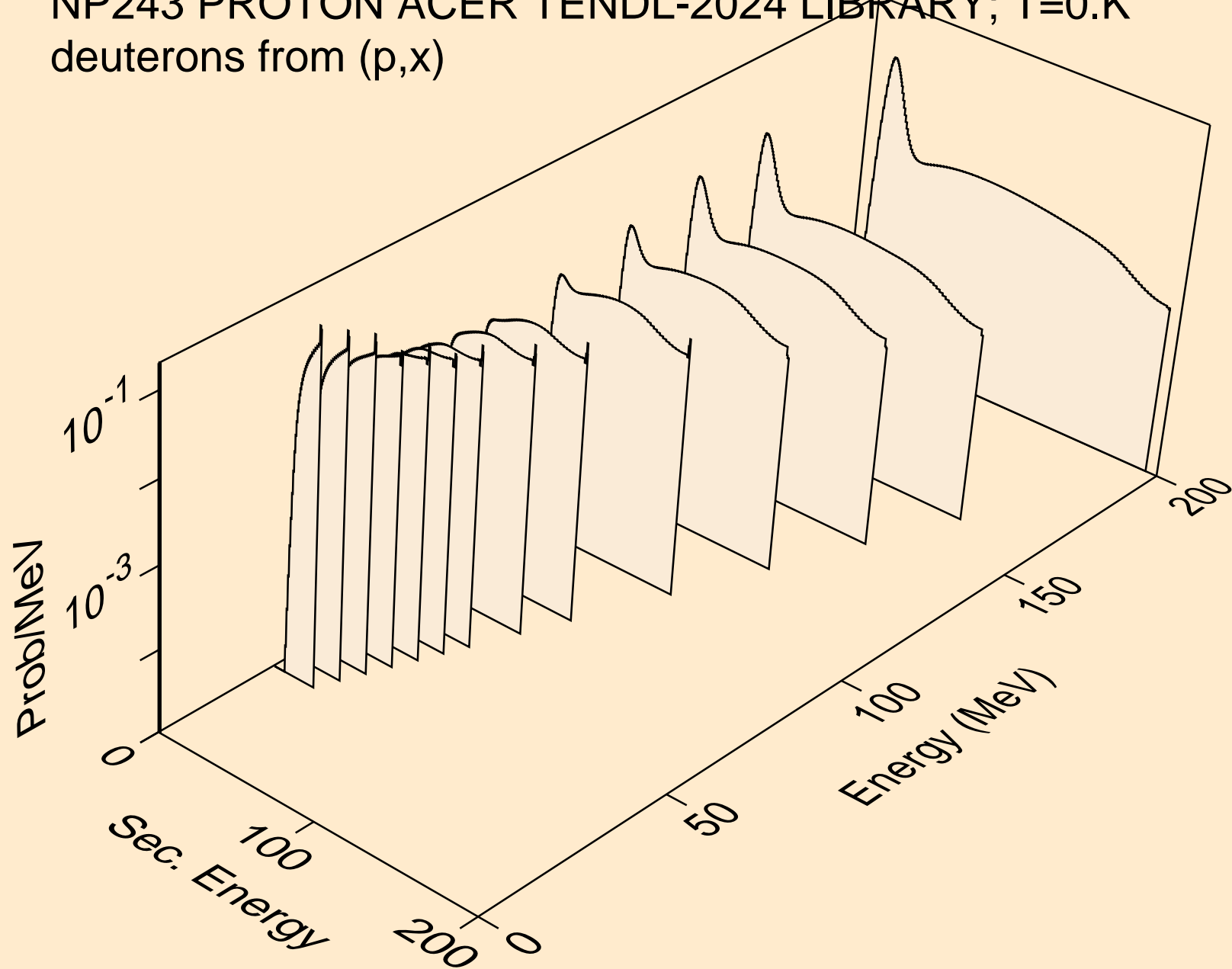
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neutrons from (p,3np)



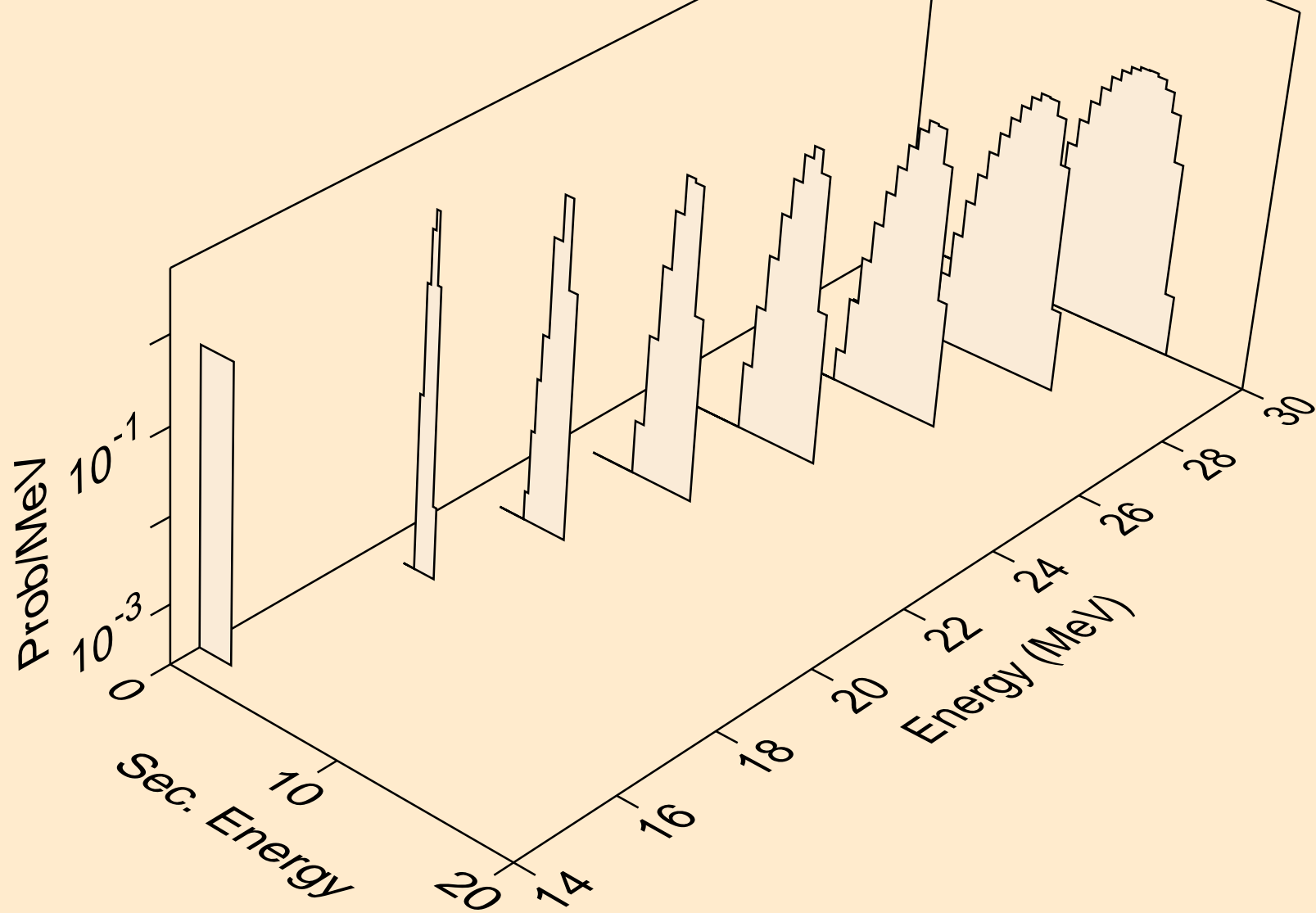
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neutrons from (p,n2p)



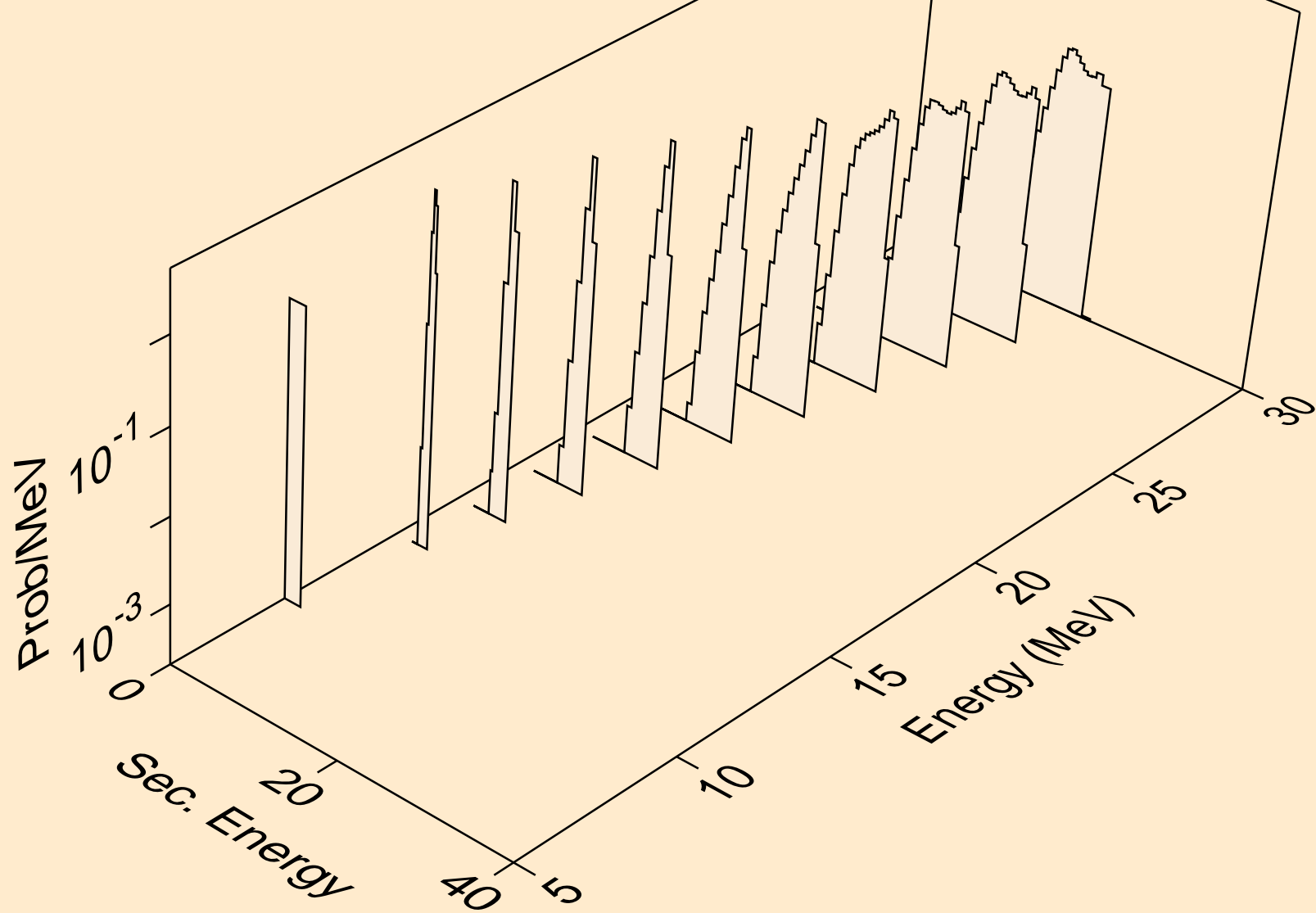
NP243 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (p,x)



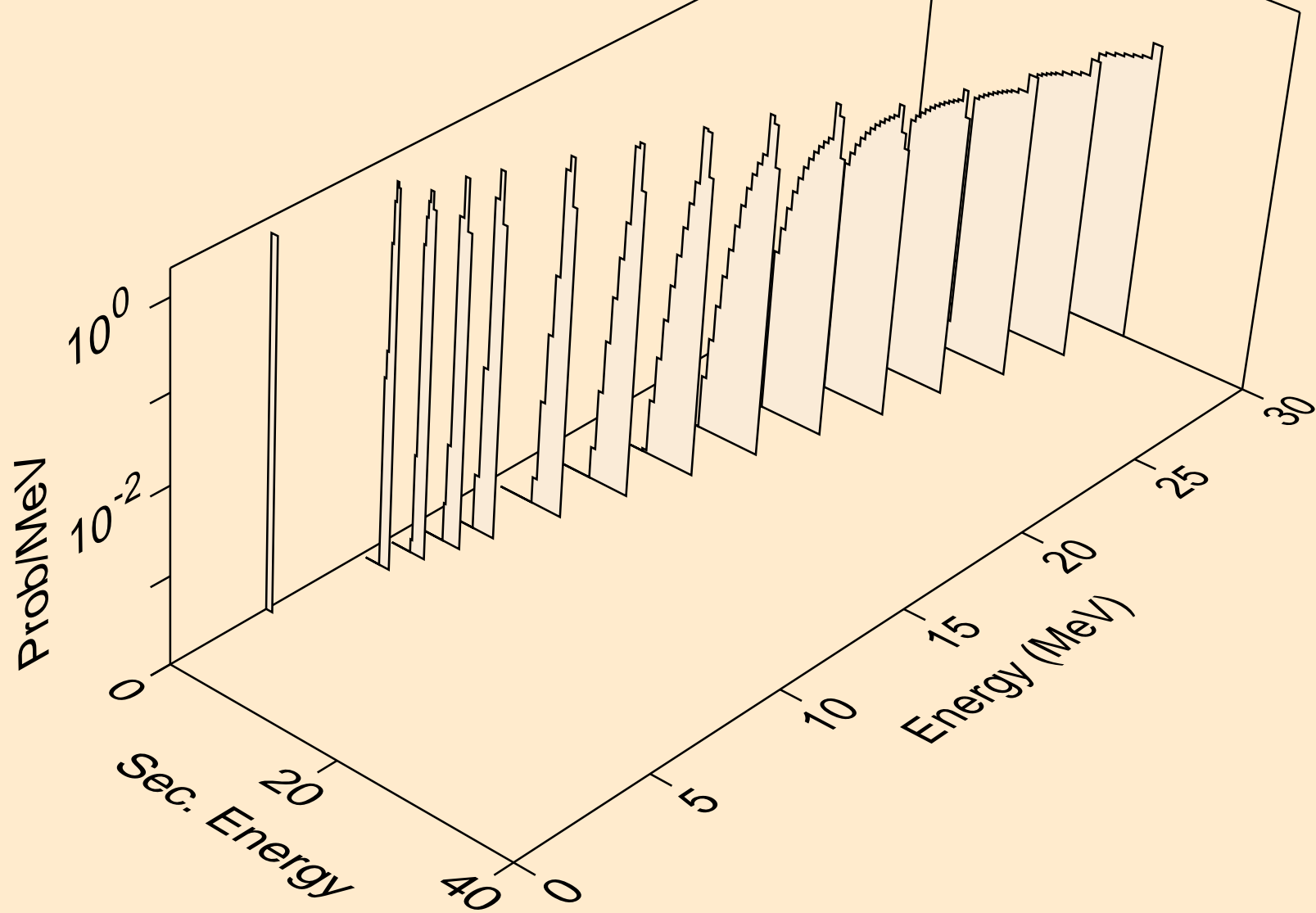
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deuterons from (p,2nd)



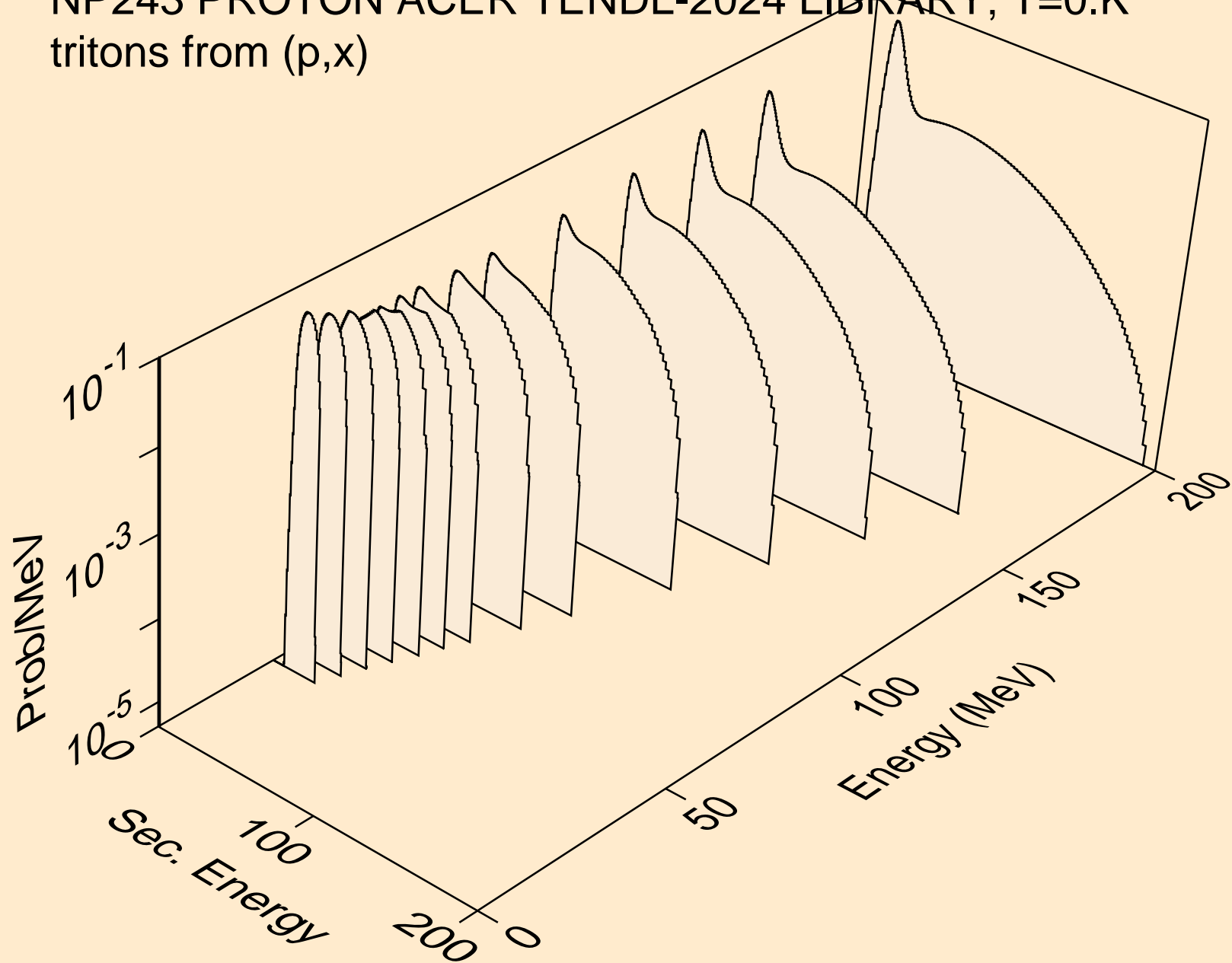
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deuterons from (p,n\*)d



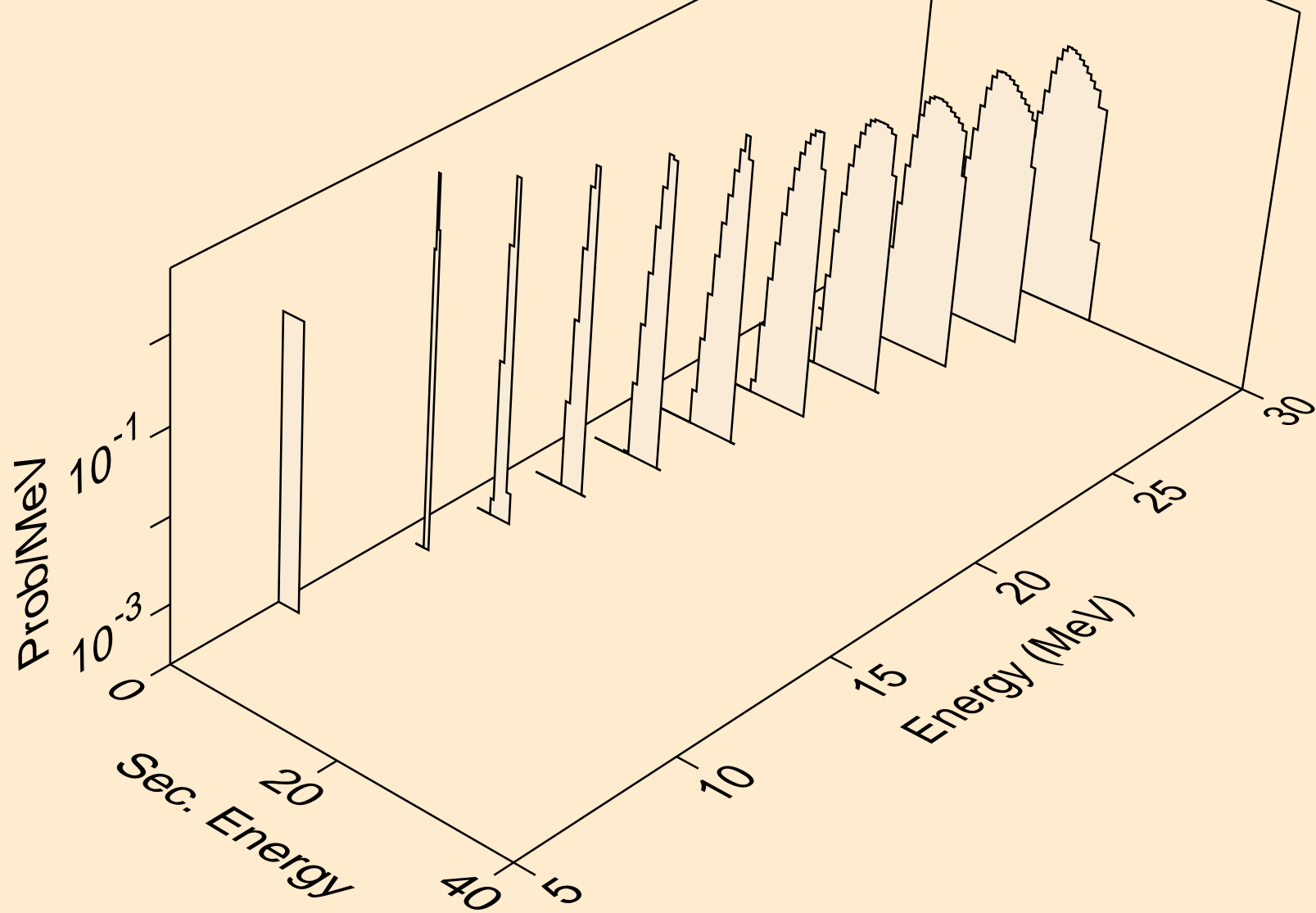
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deuterons from (p,d)



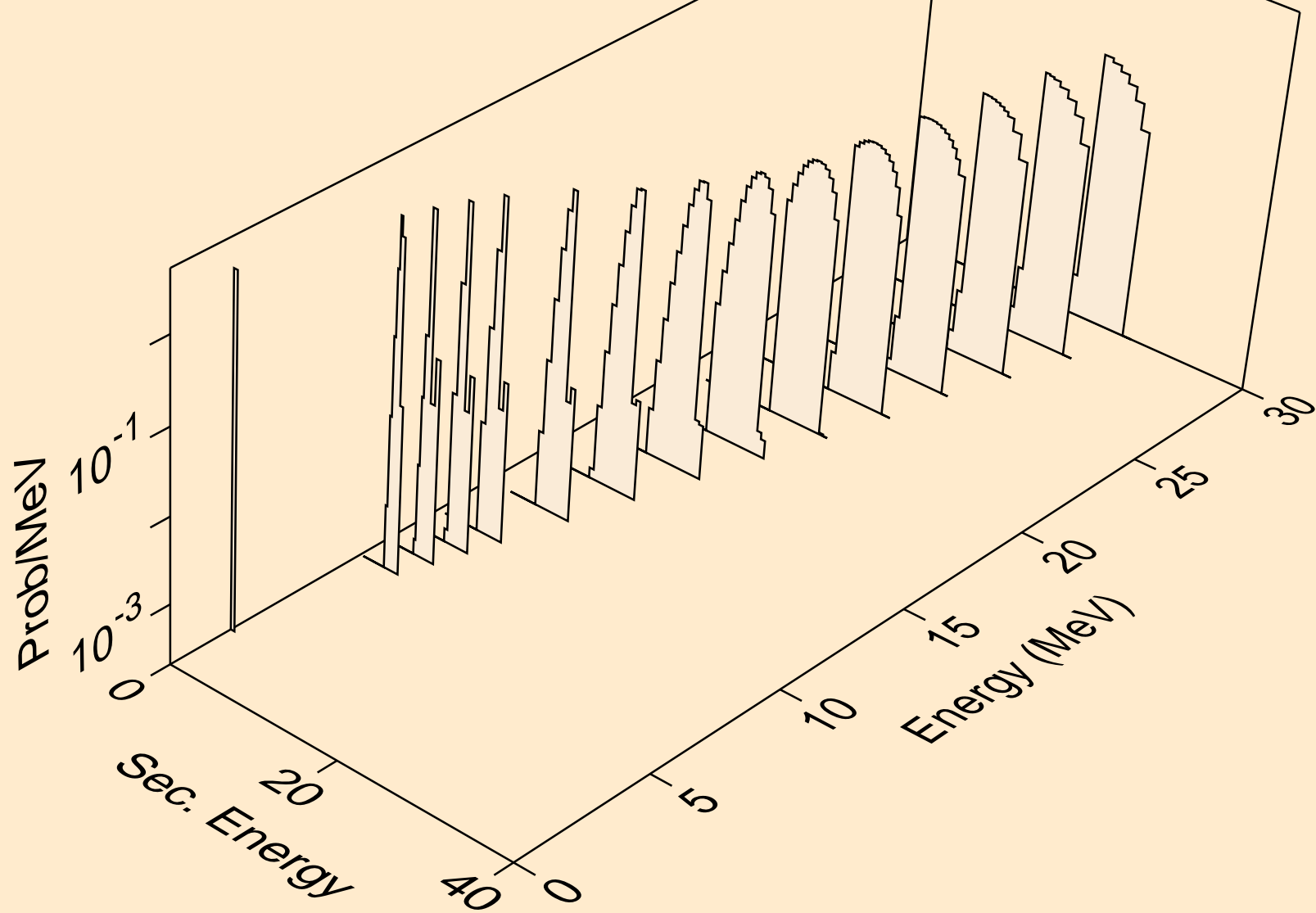
NP243 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (p,x)



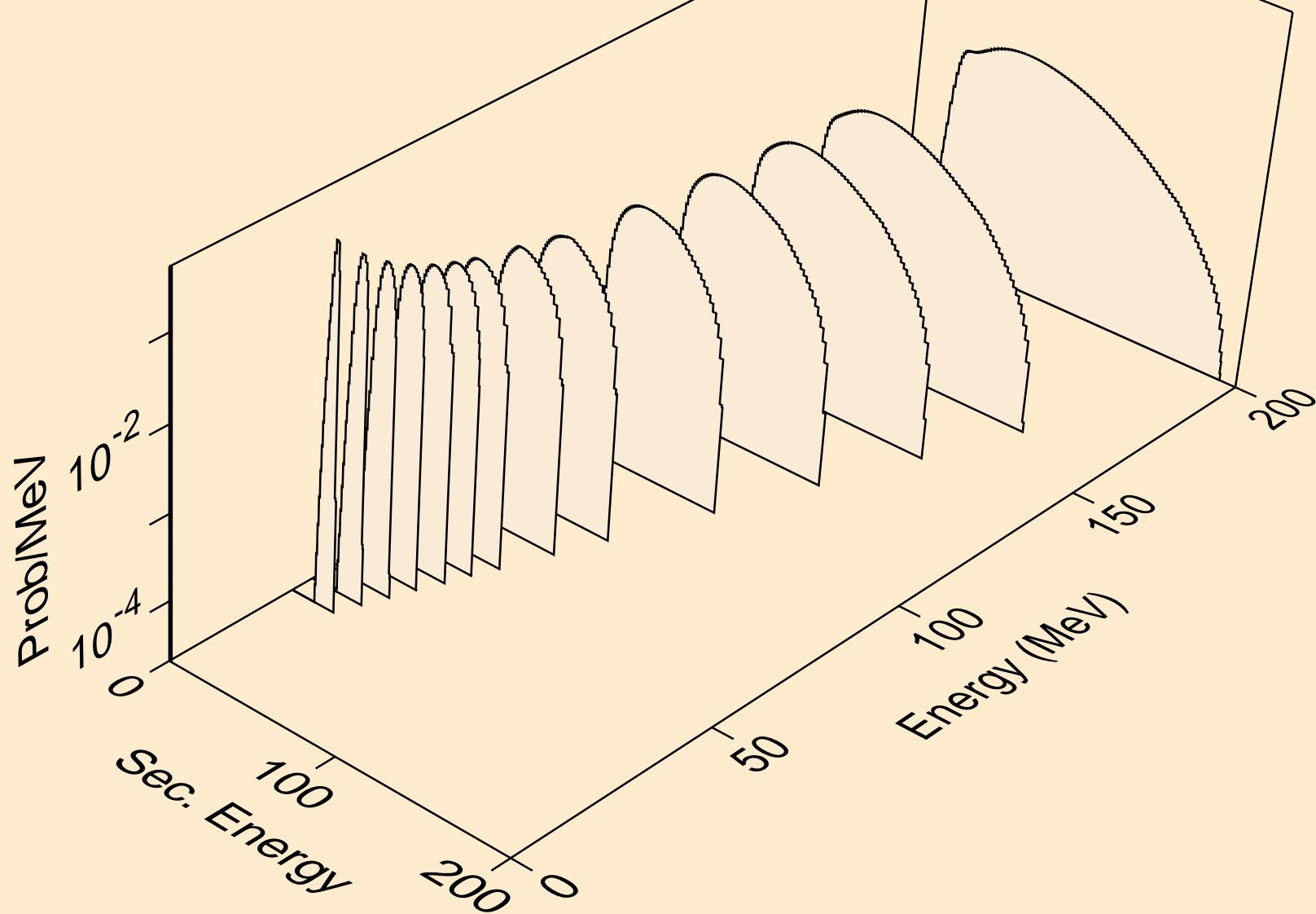
NP243 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (p,n\*)t



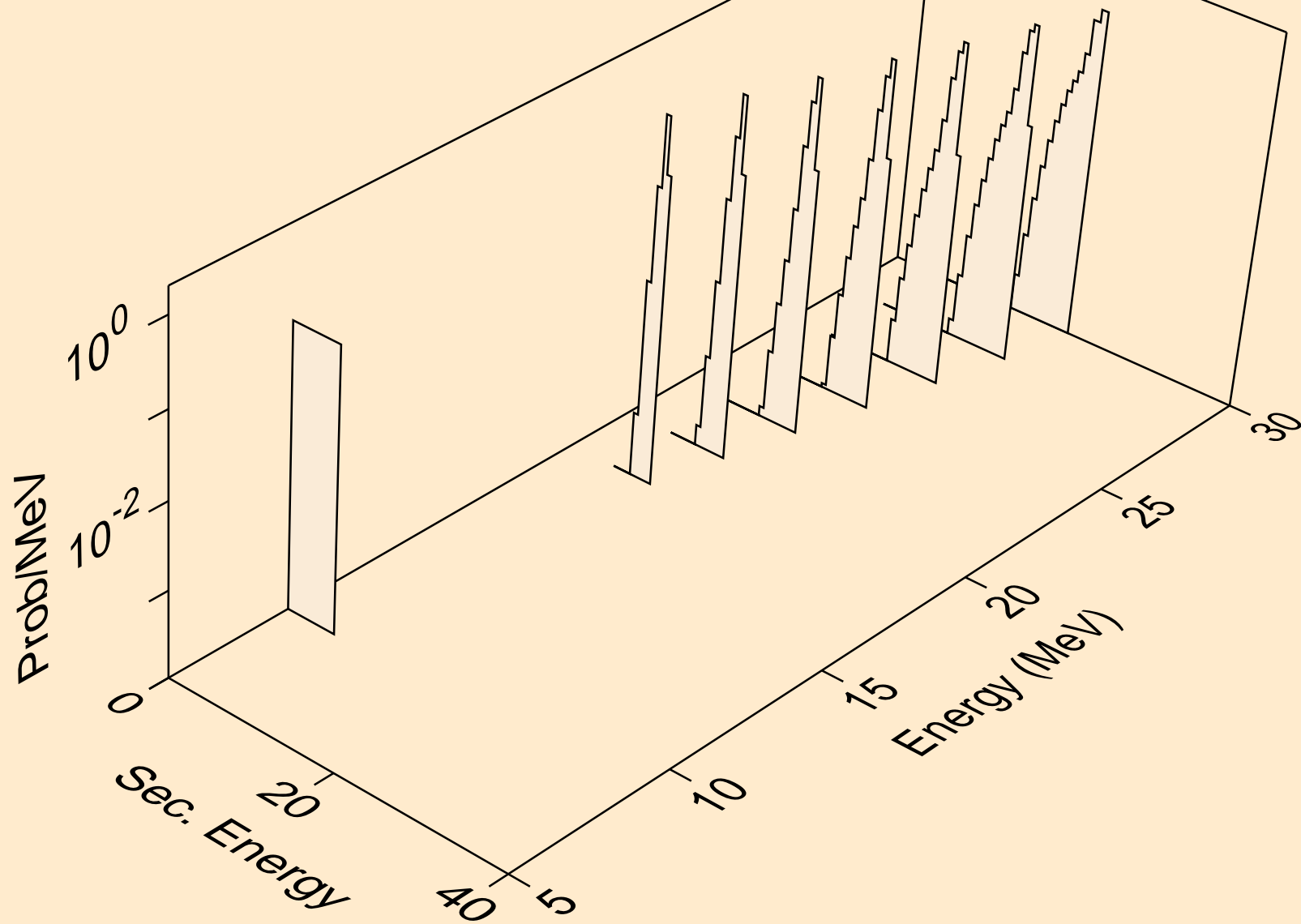
NP243 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (p,t)



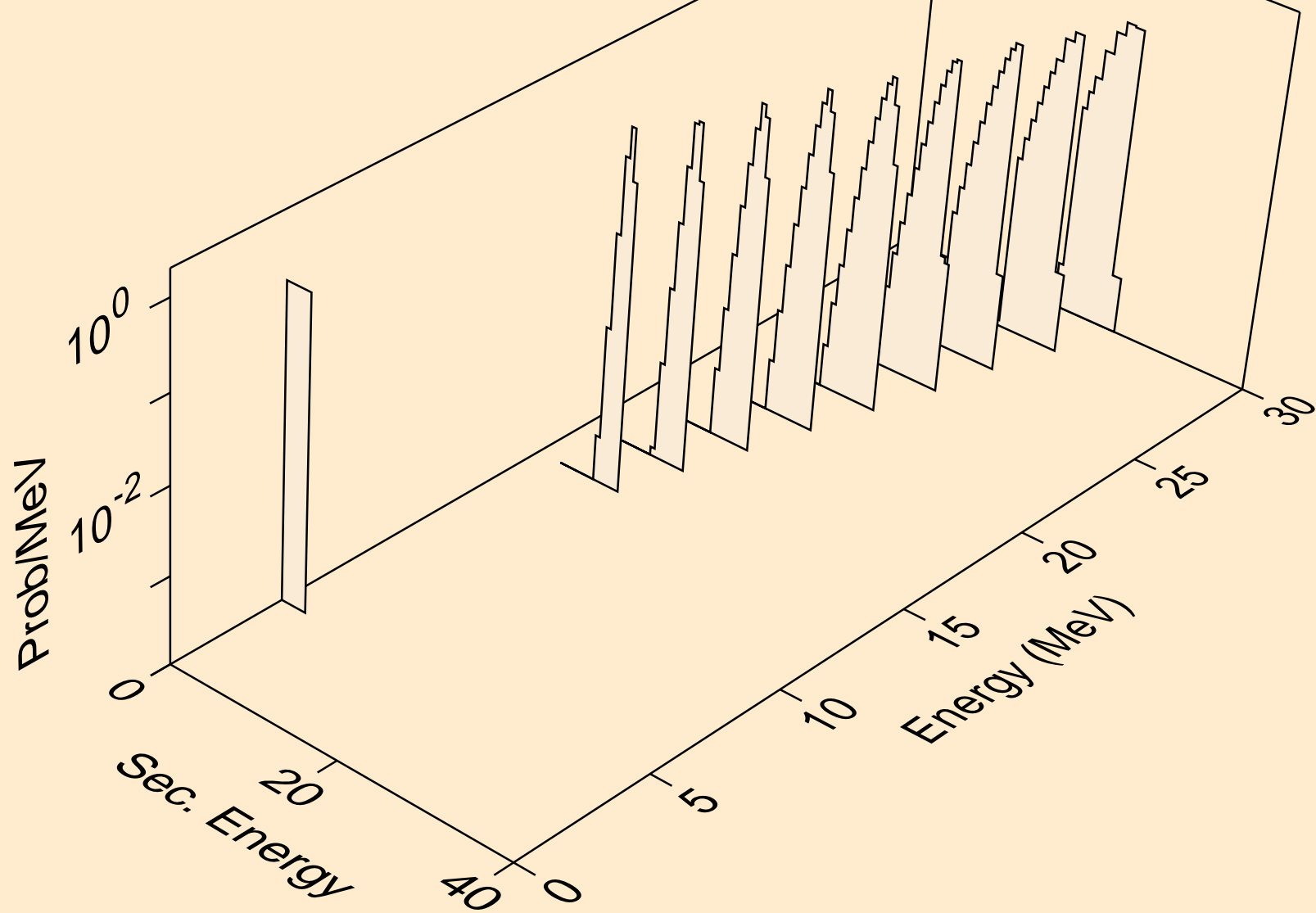
NP243 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (p,x)



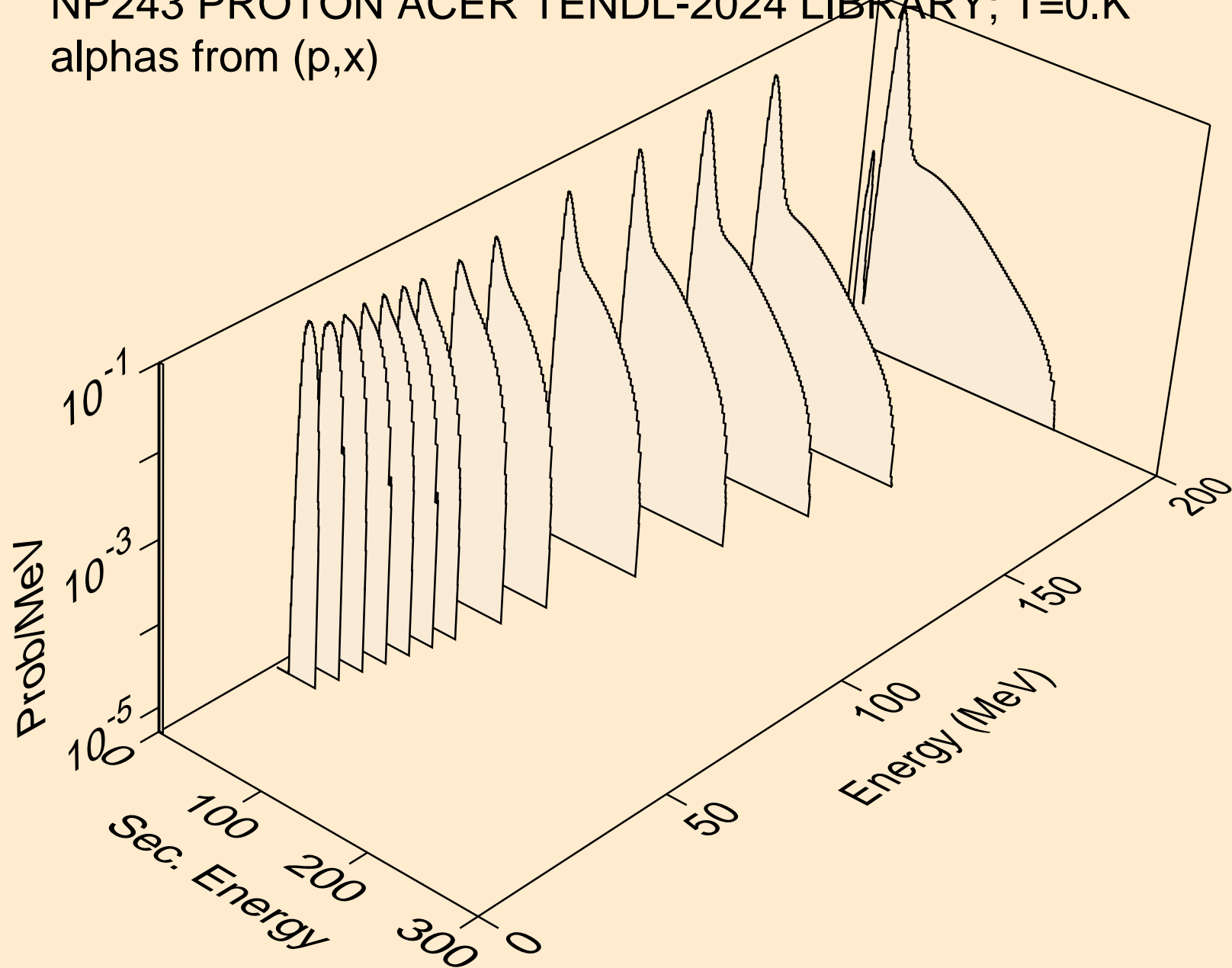
NP243 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (p,n\*)he3



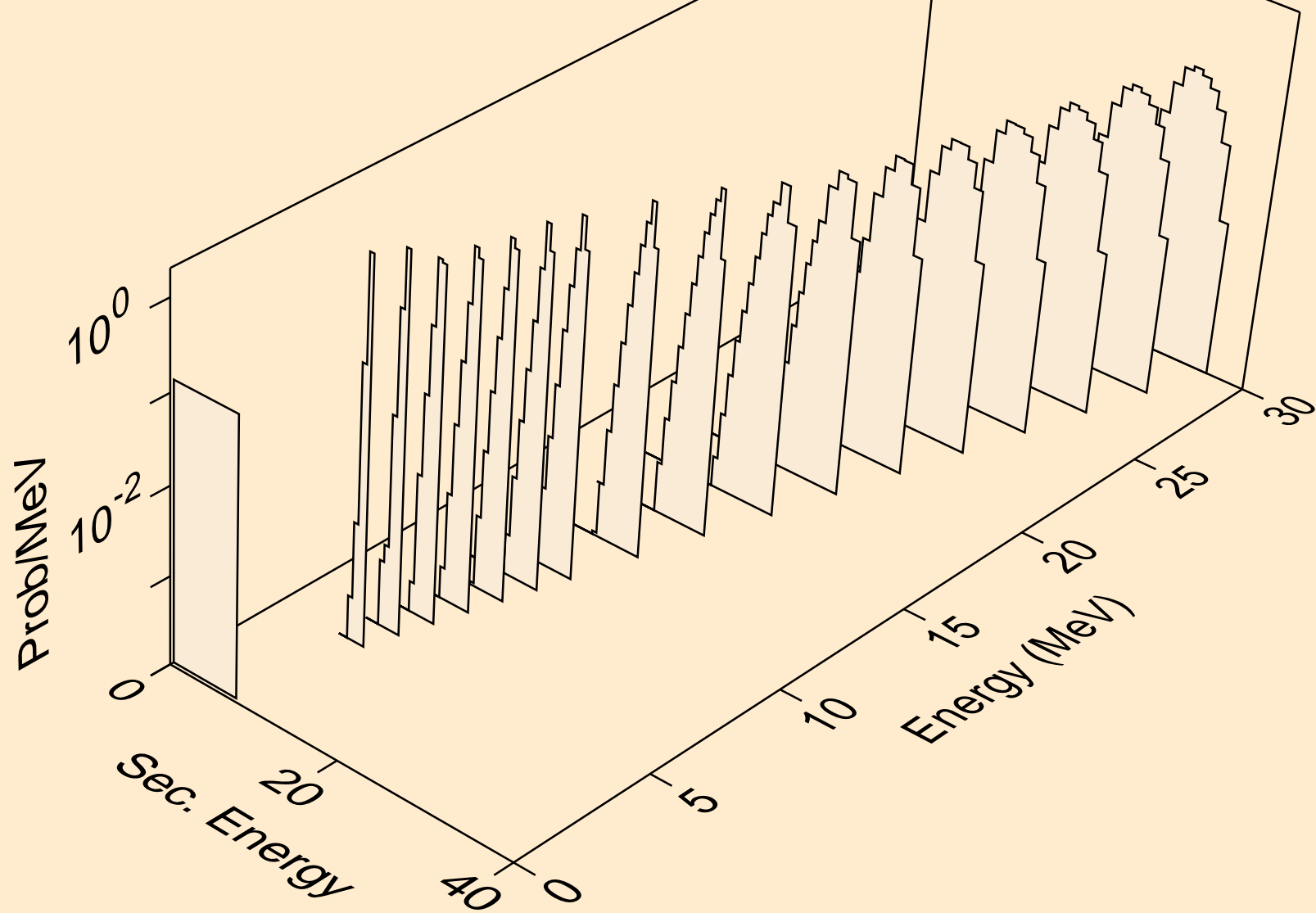
NP243 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (p,he3)



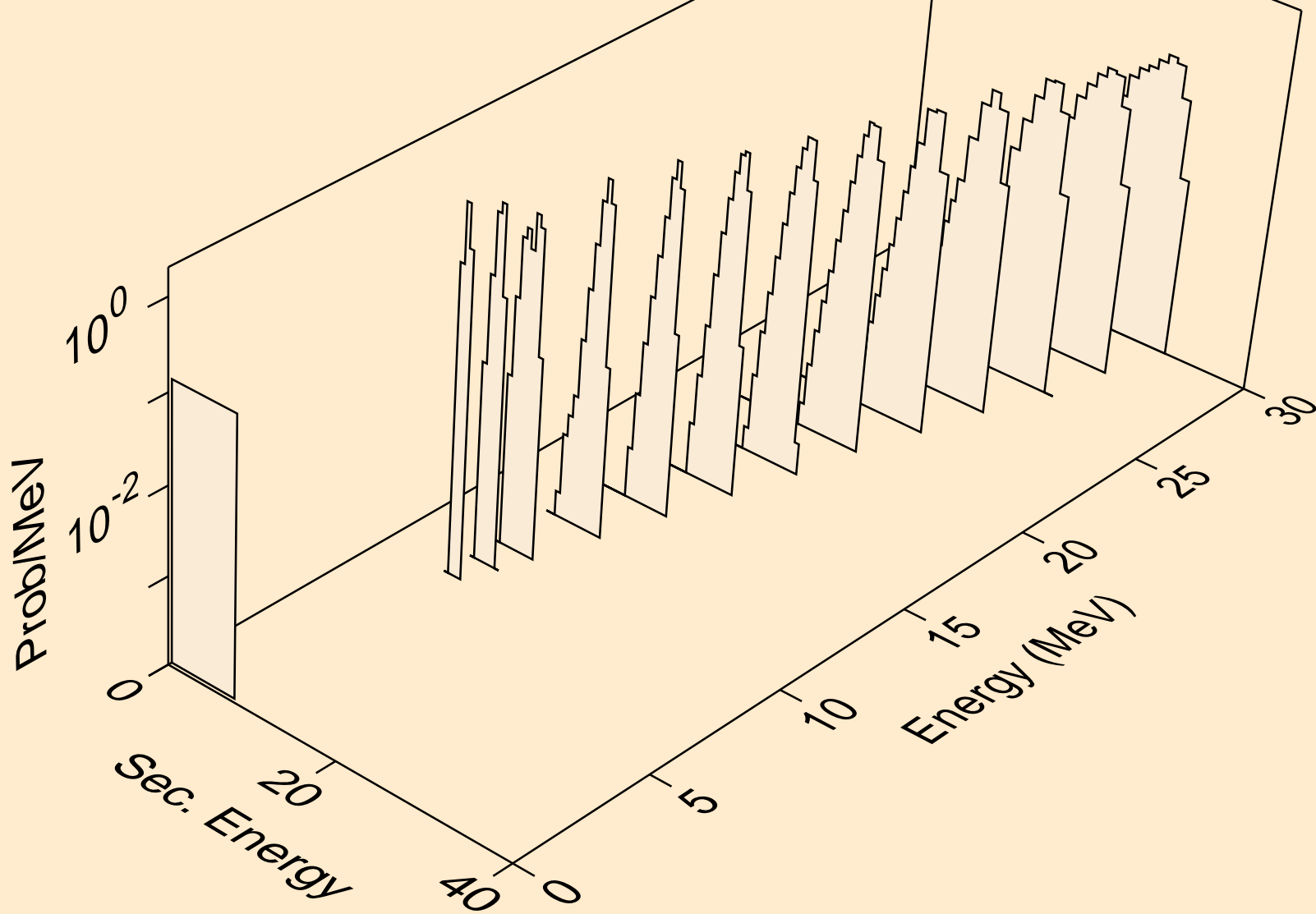
NP243 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,x)



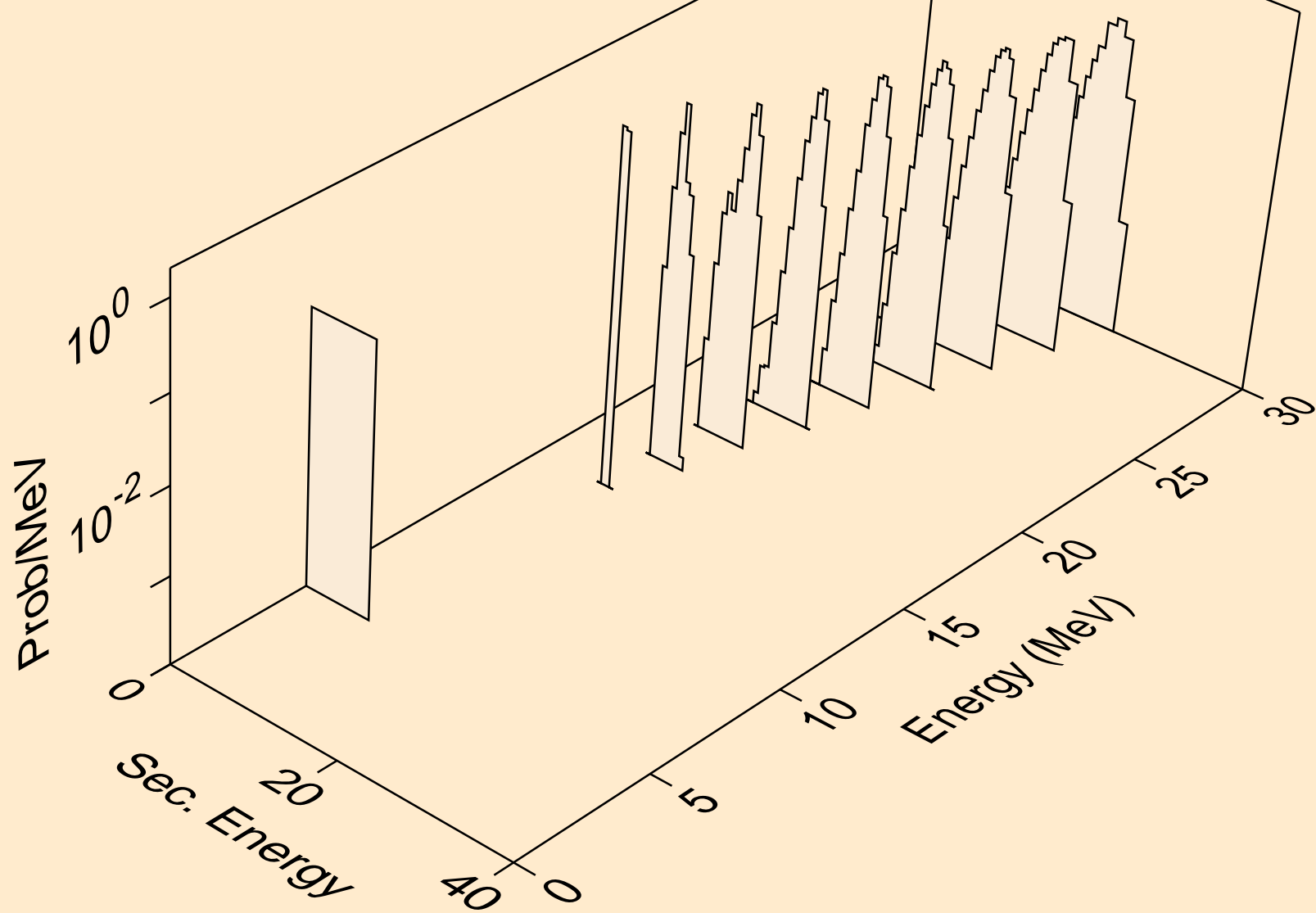
NP243 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,n\*)a



NP243 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,2n)a



NP243 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,3n)a



NP243 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,a)

