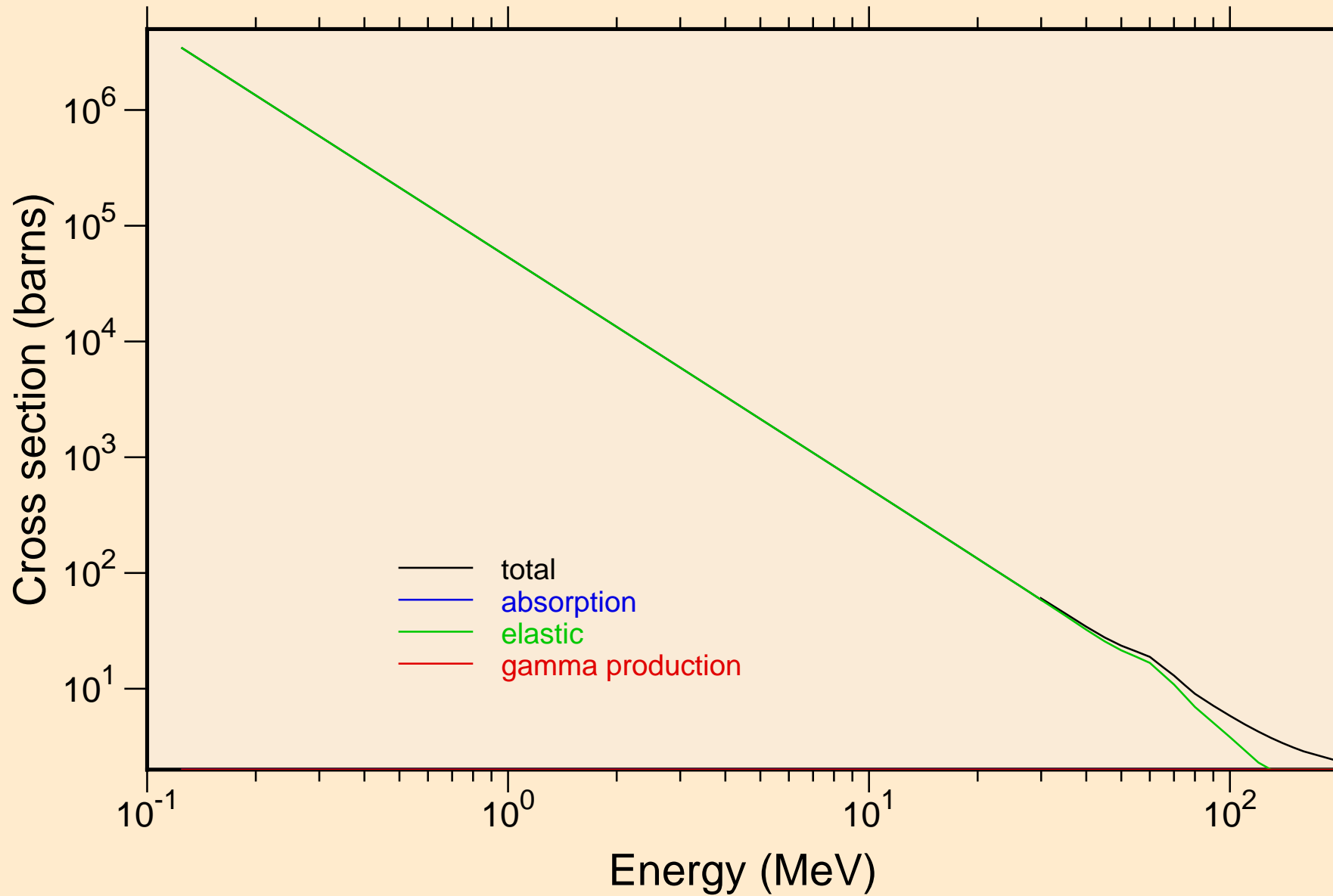
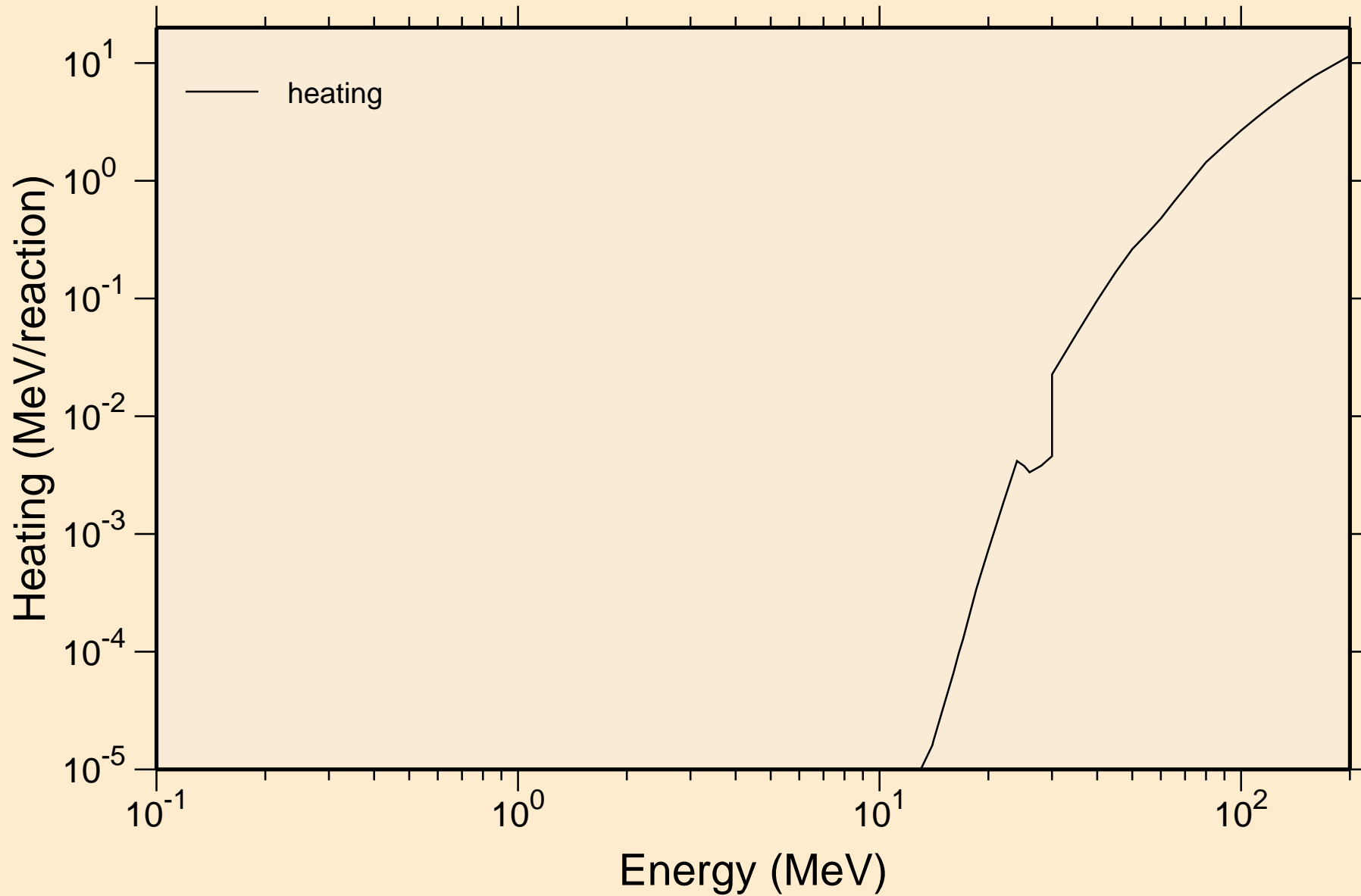


NP232 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



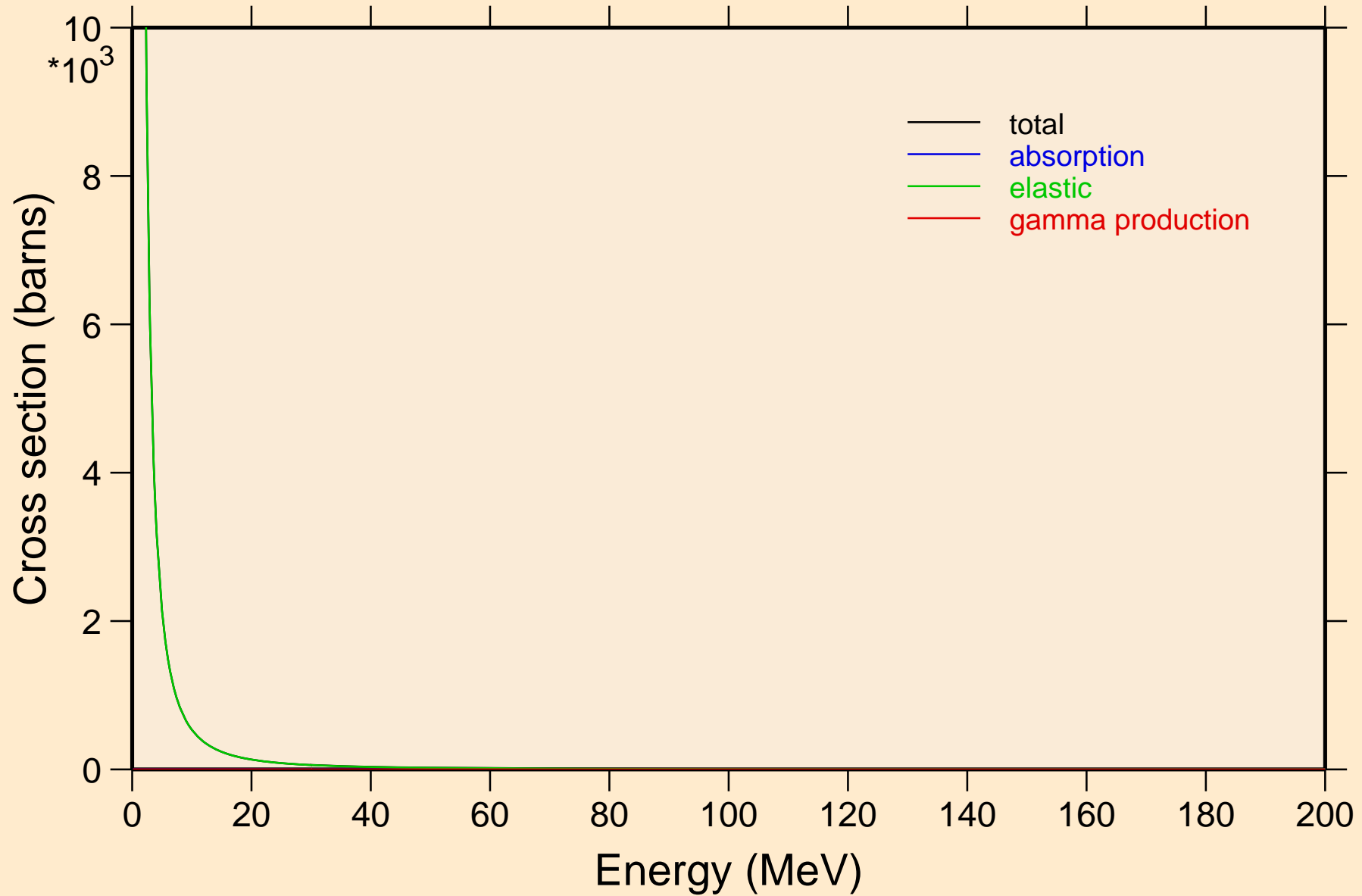
# NP232 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



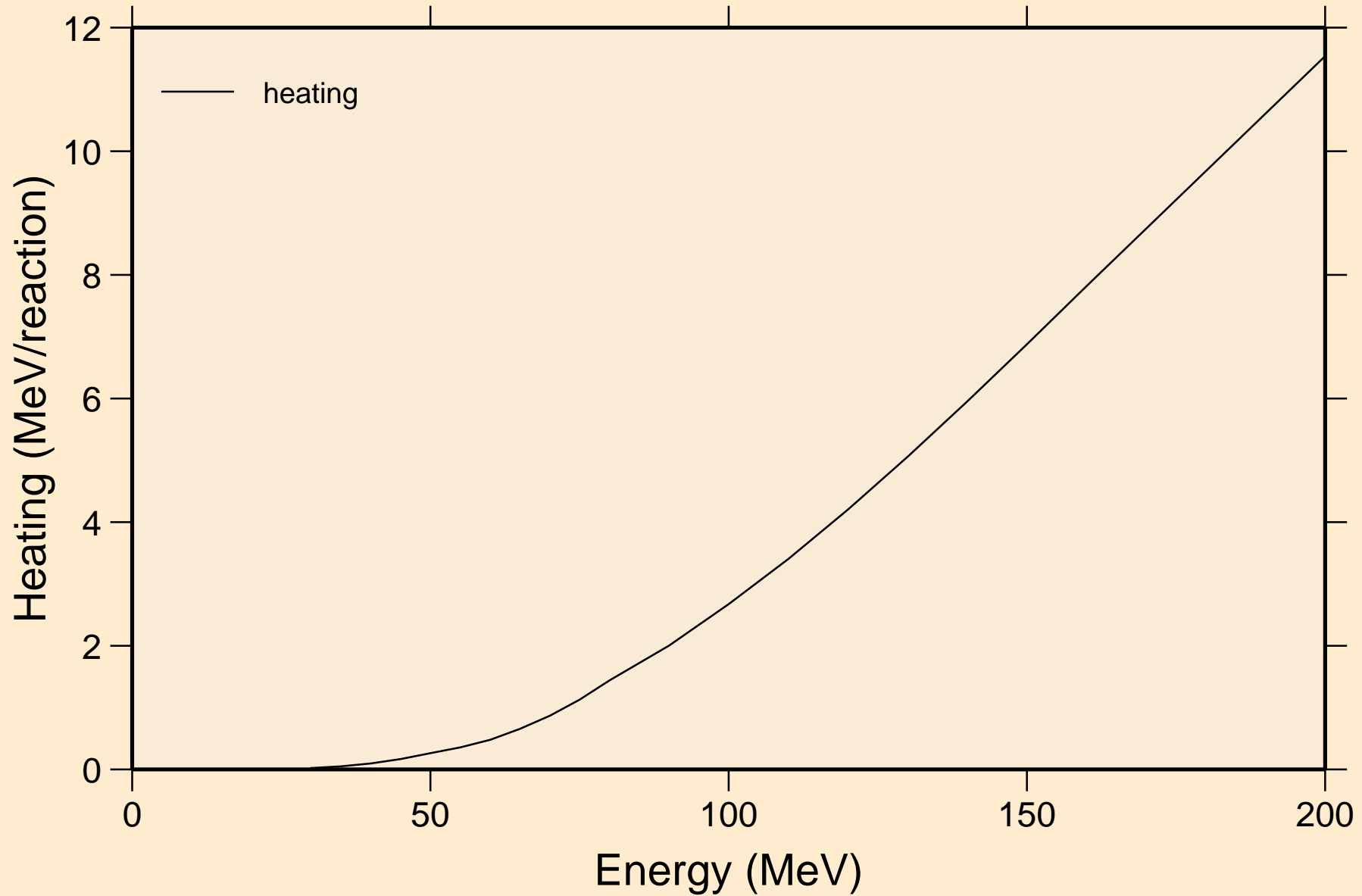
# NP232 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



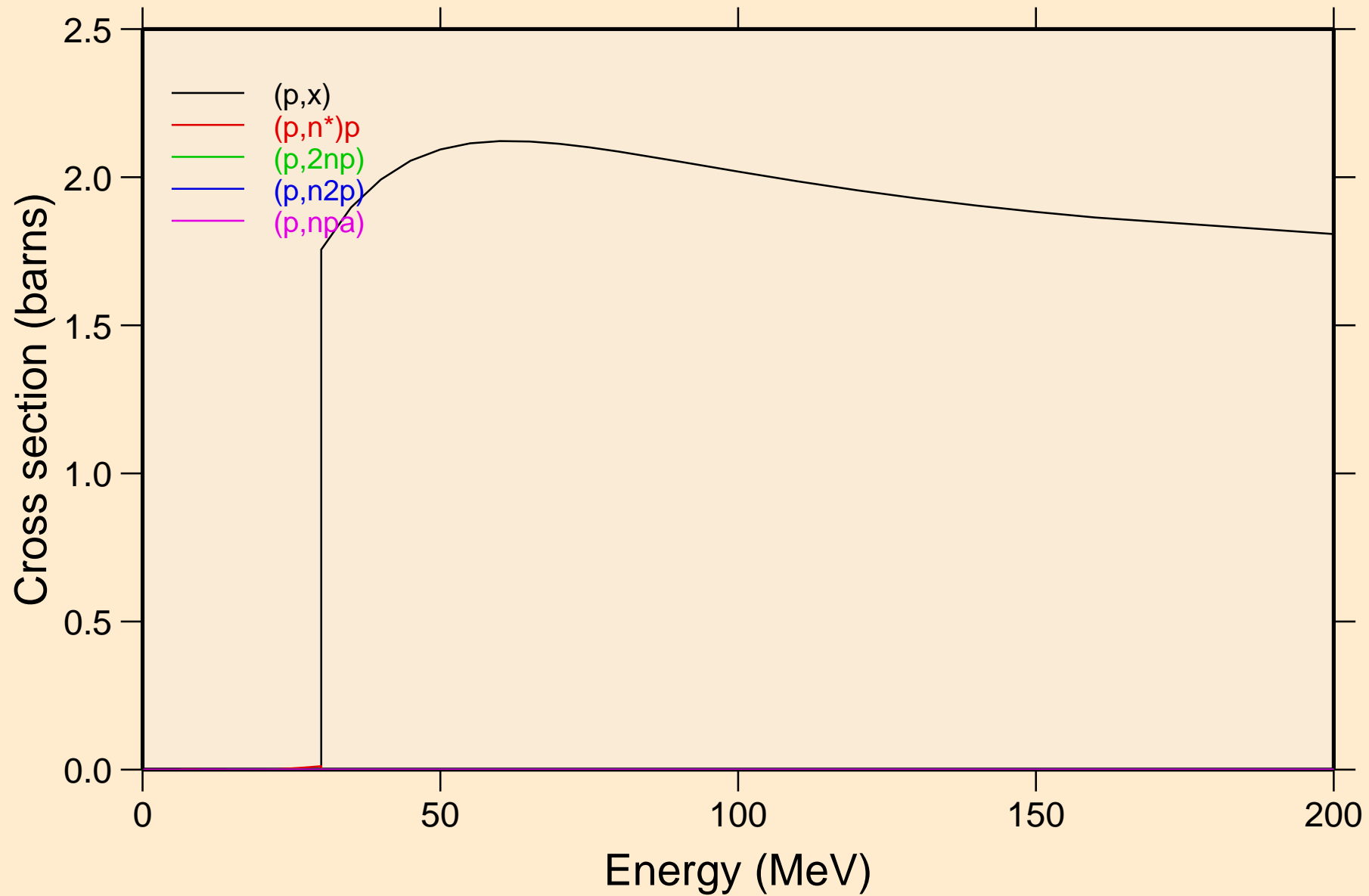
# NP232 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



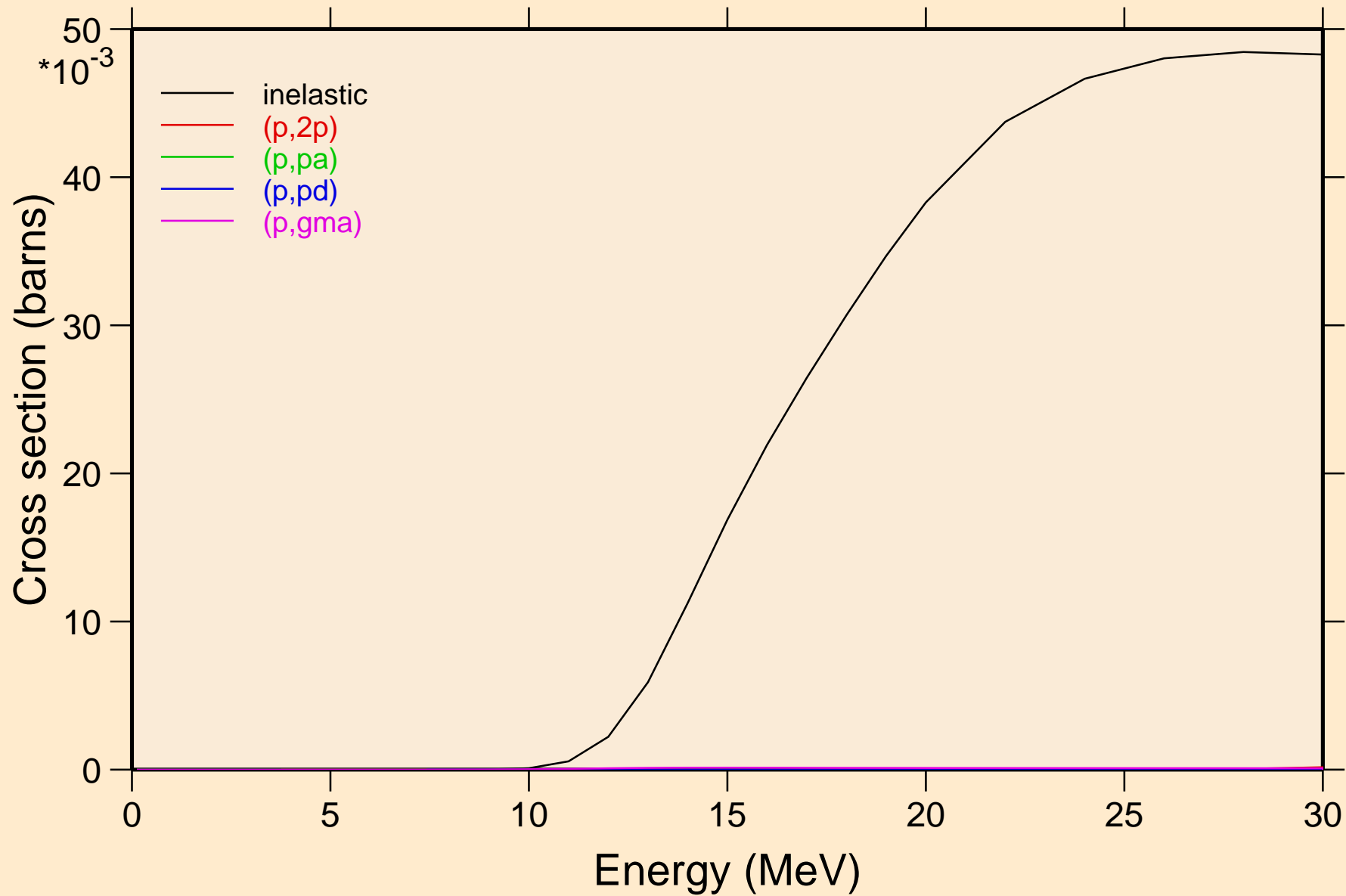
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## Threshold reactions



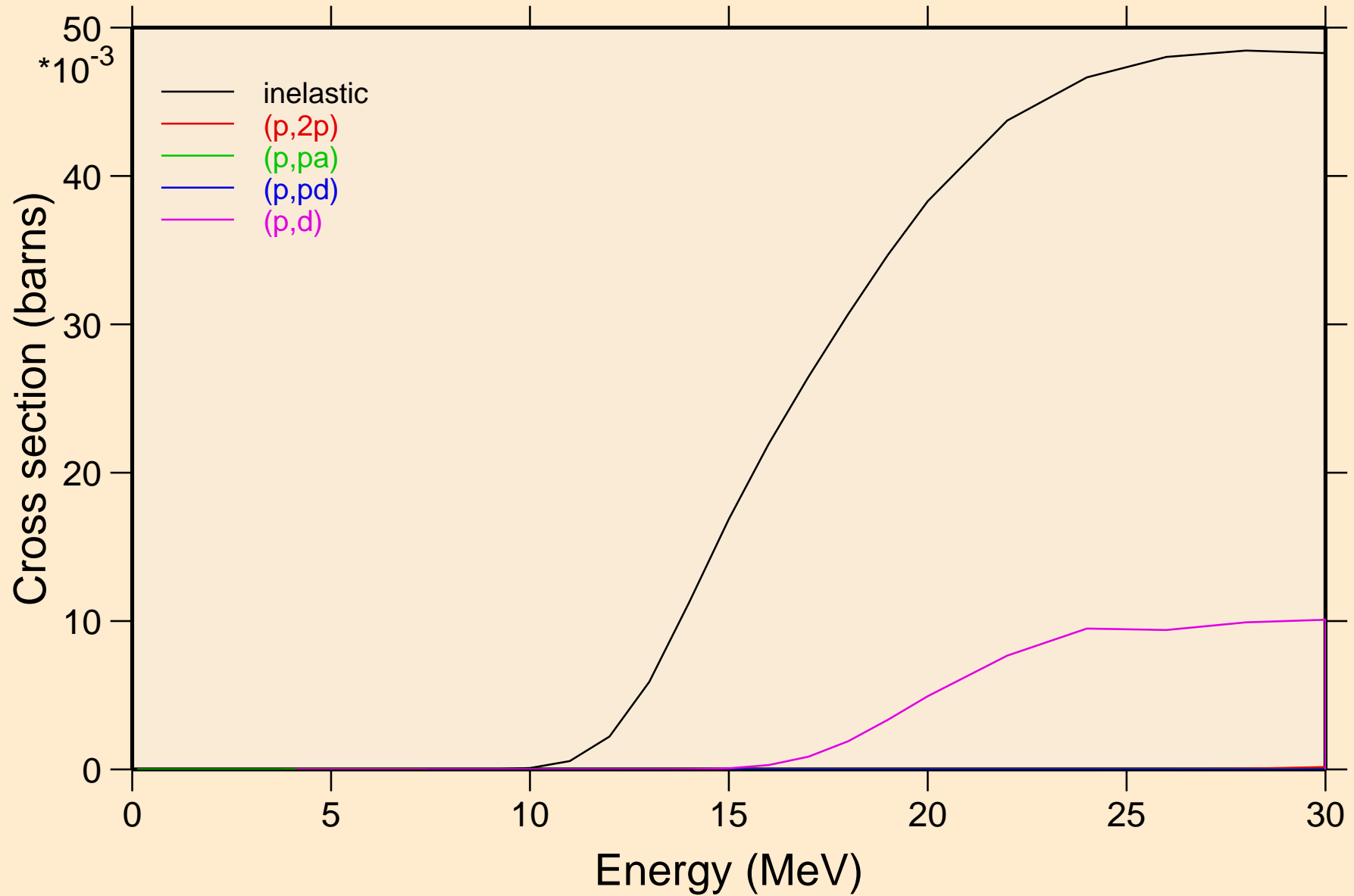
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## Threshold reactions



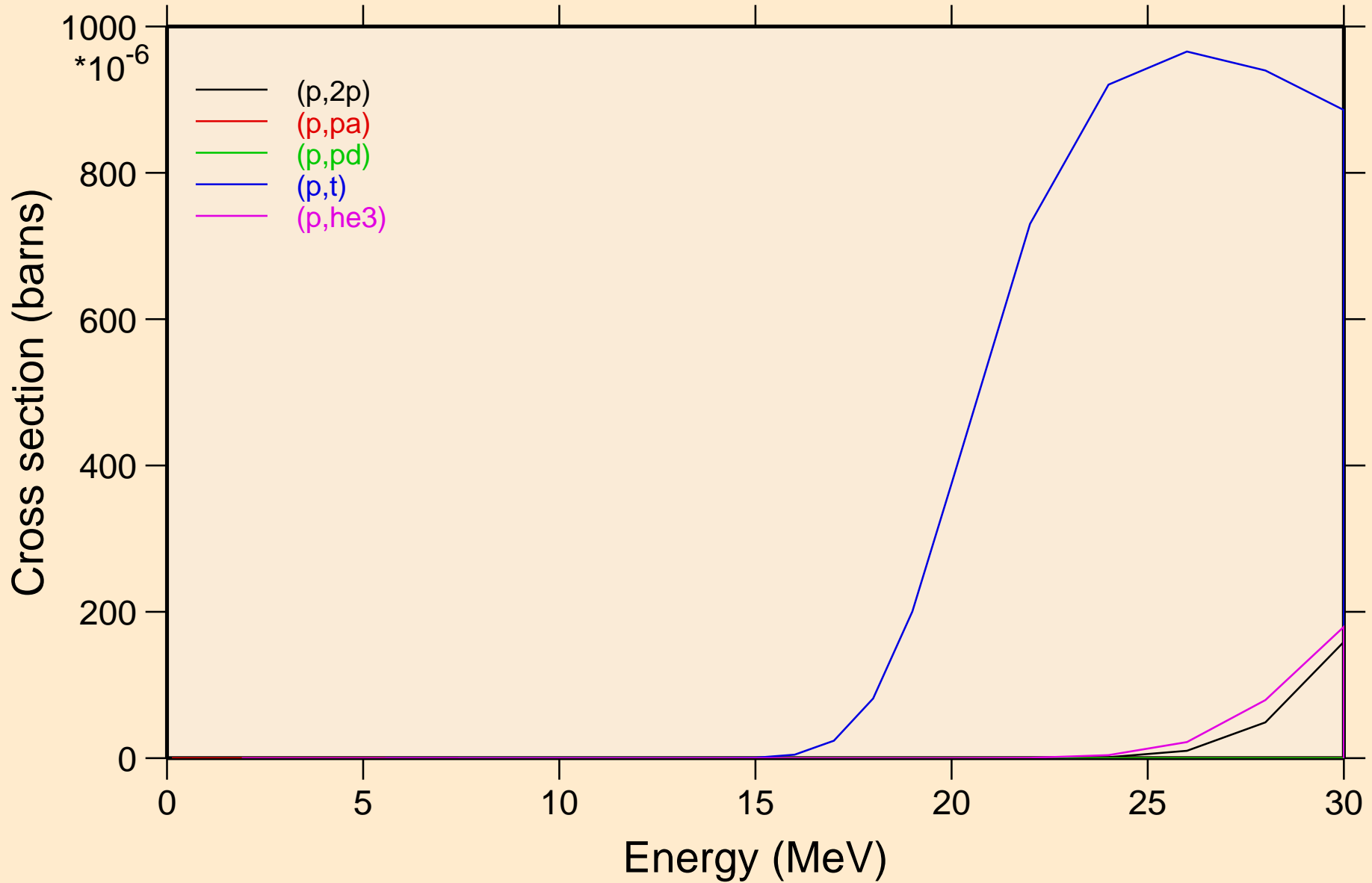
# NP232 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



# NP232 PROTON ACER TENDL-2023 LIBRARY; T=0.K

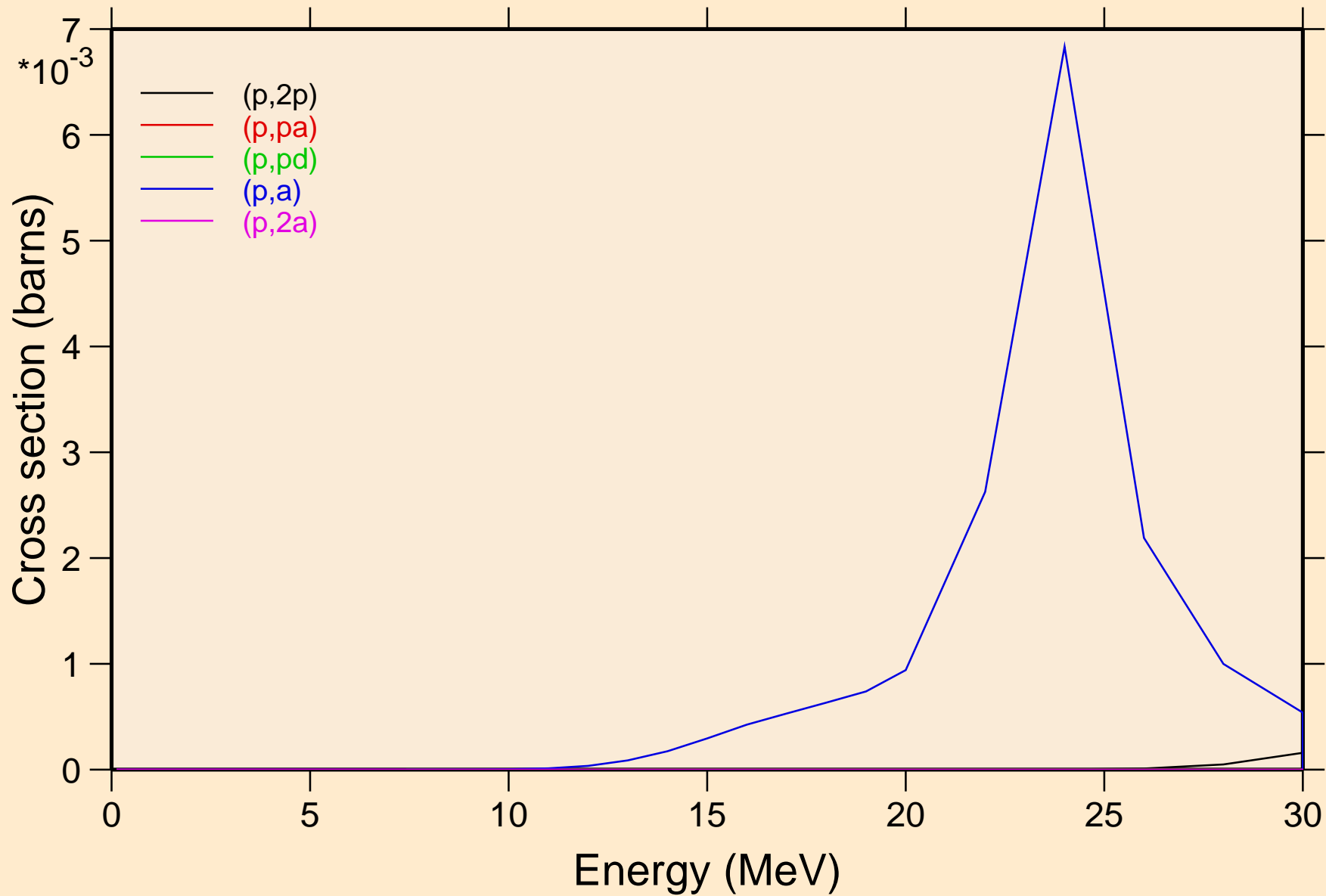
## Threshold reactions



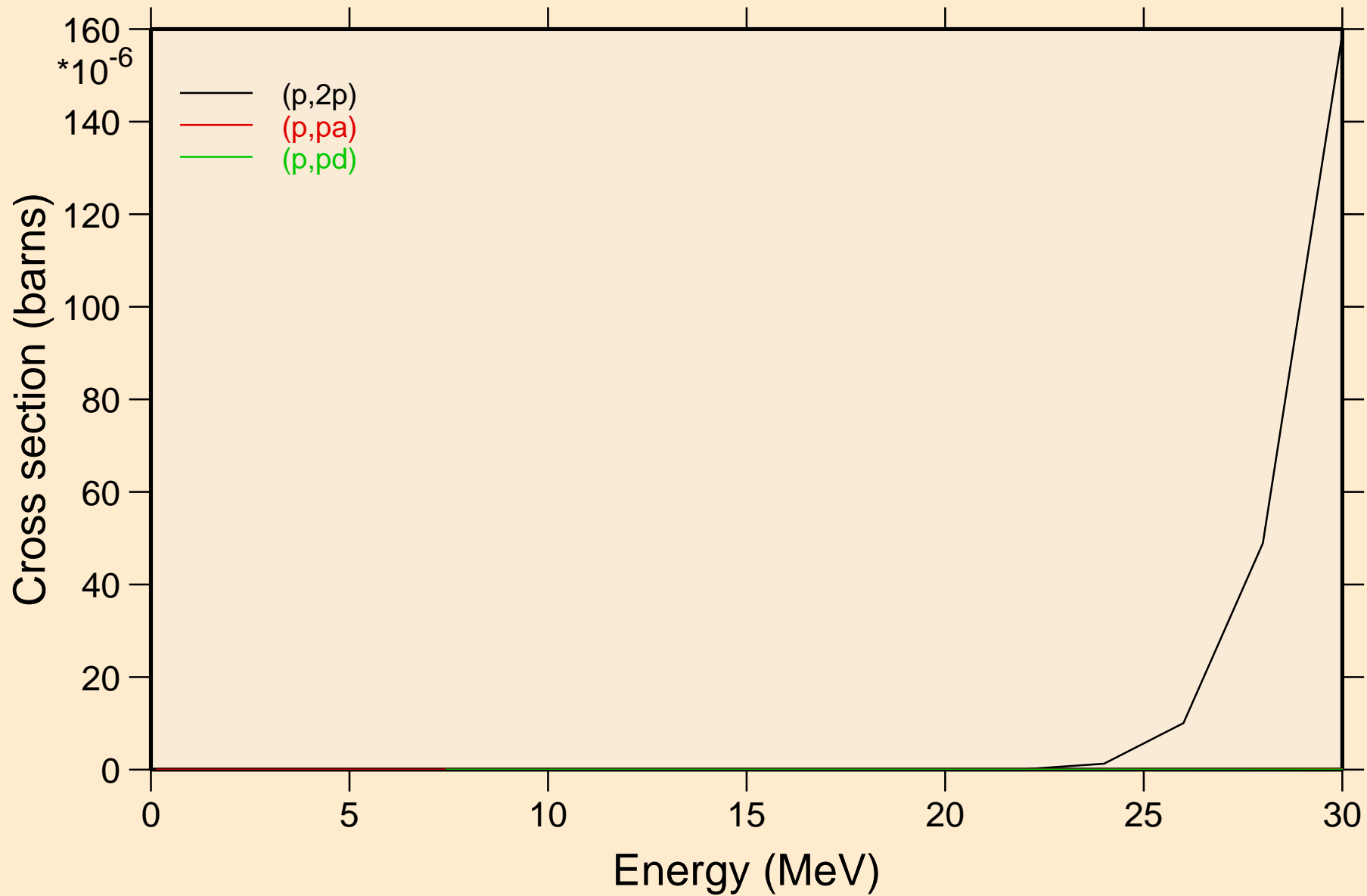


# NP232 PROTON ACER TENDL-2023 LIBRARY; T=0.K

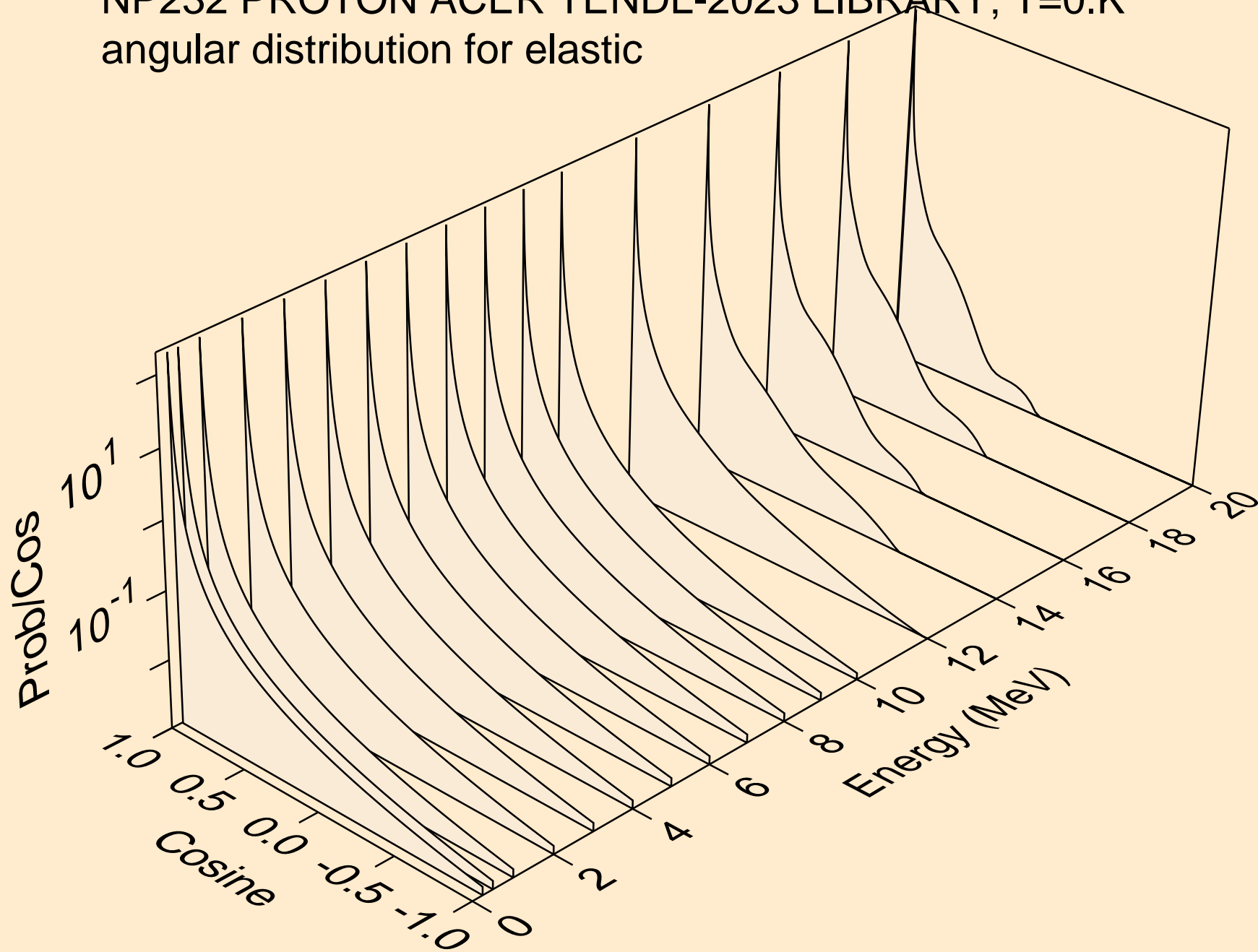
## Threshold reactions



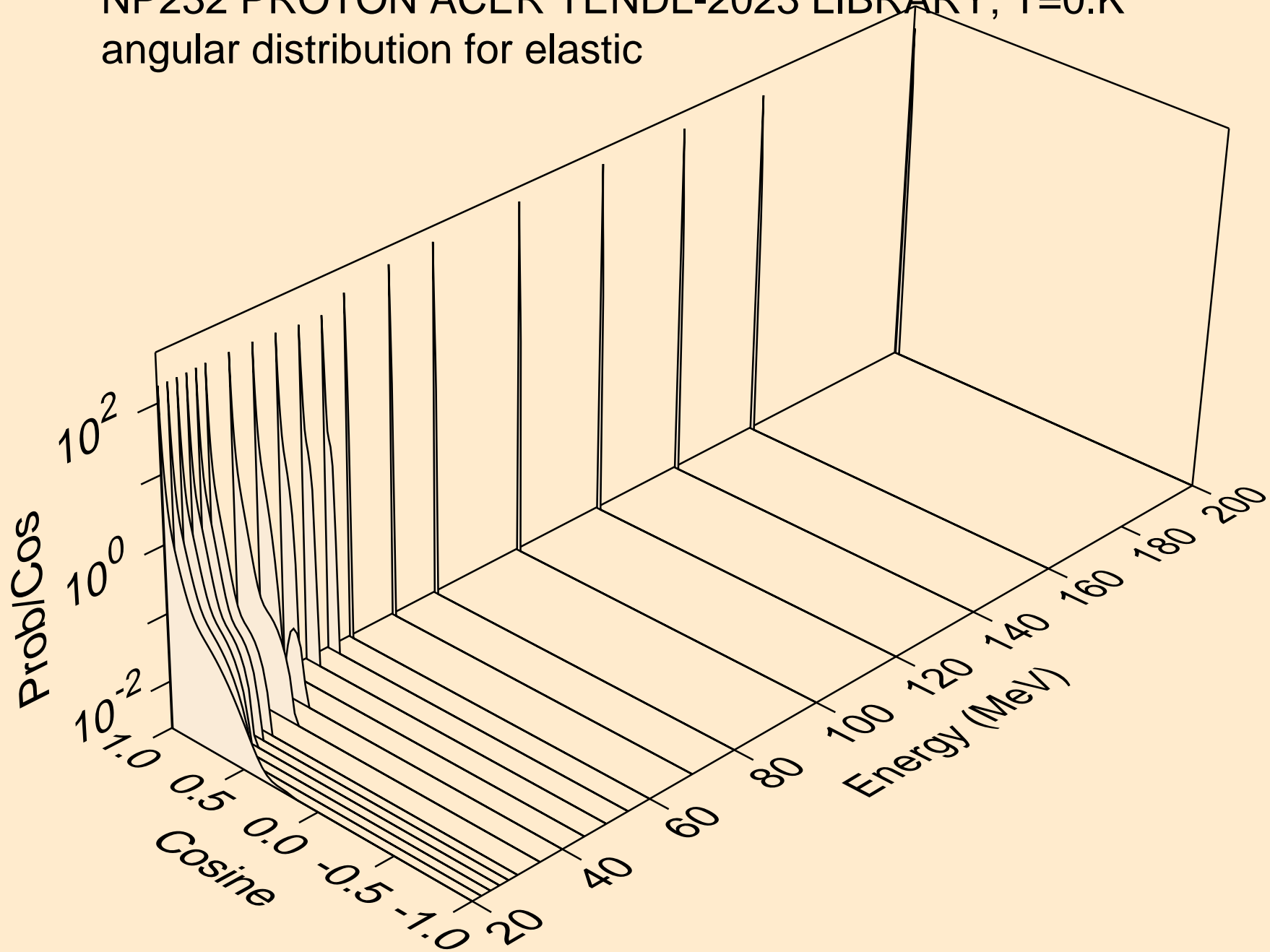
NP232 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



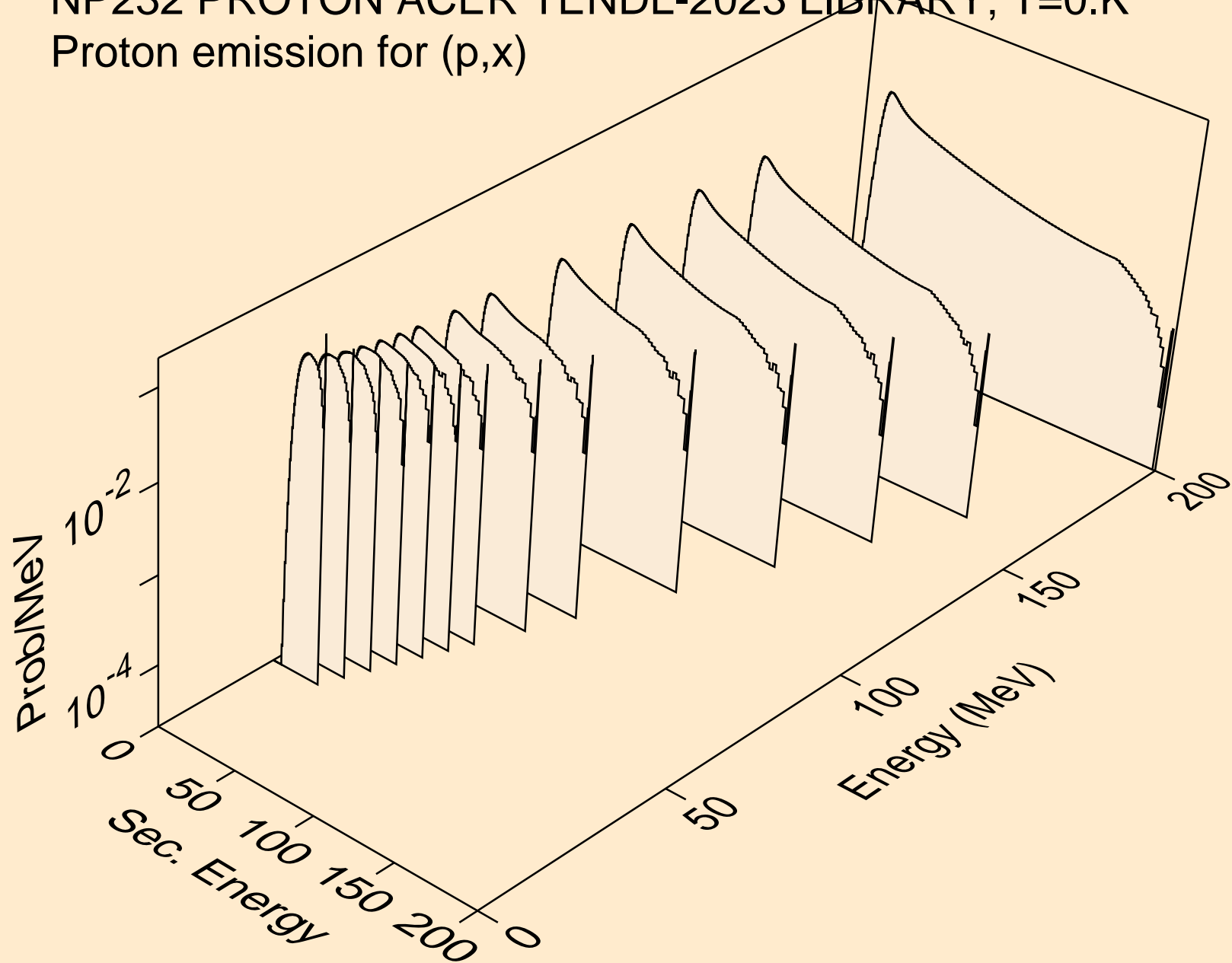
NP232 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



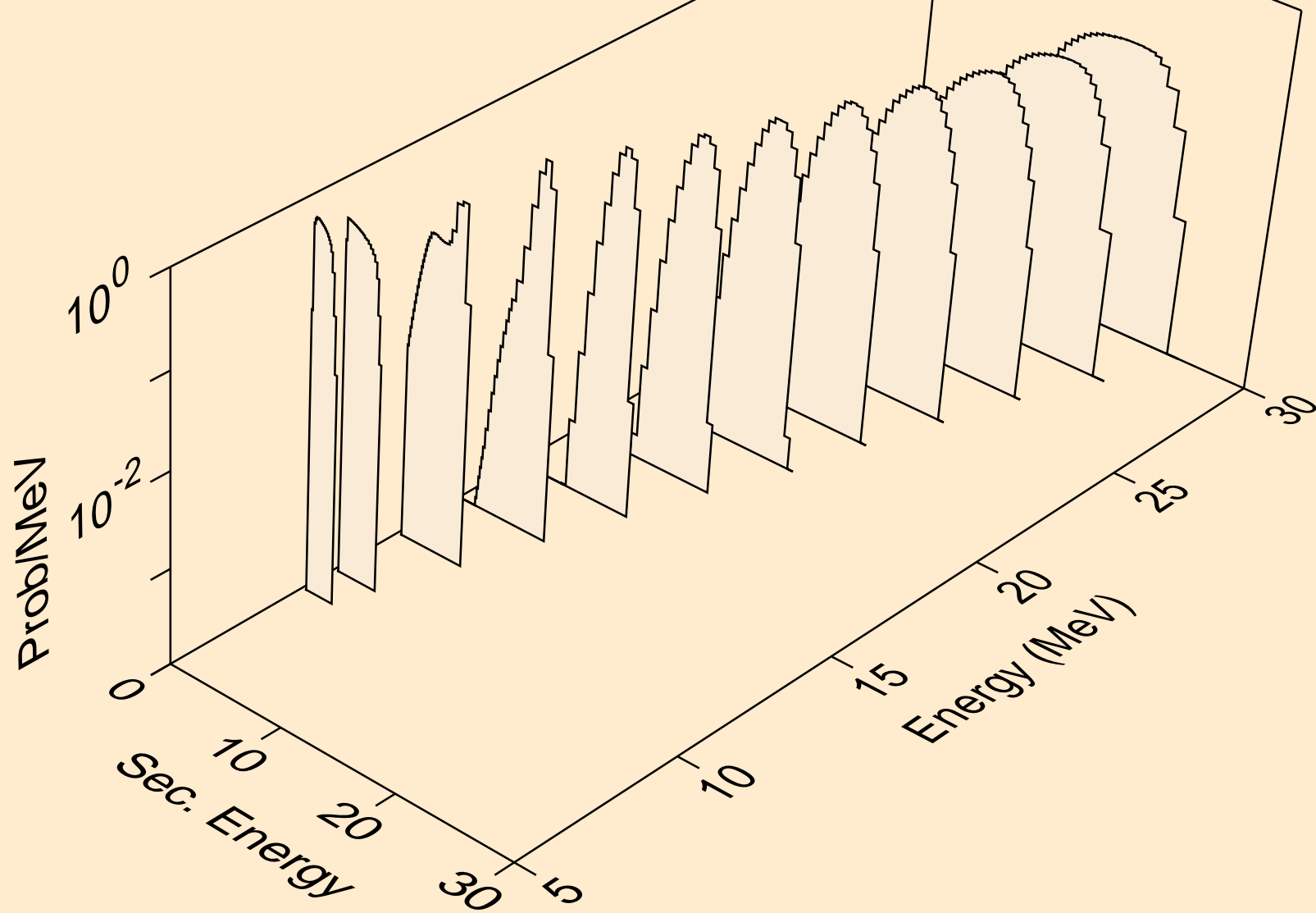
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angular distribution for elastic



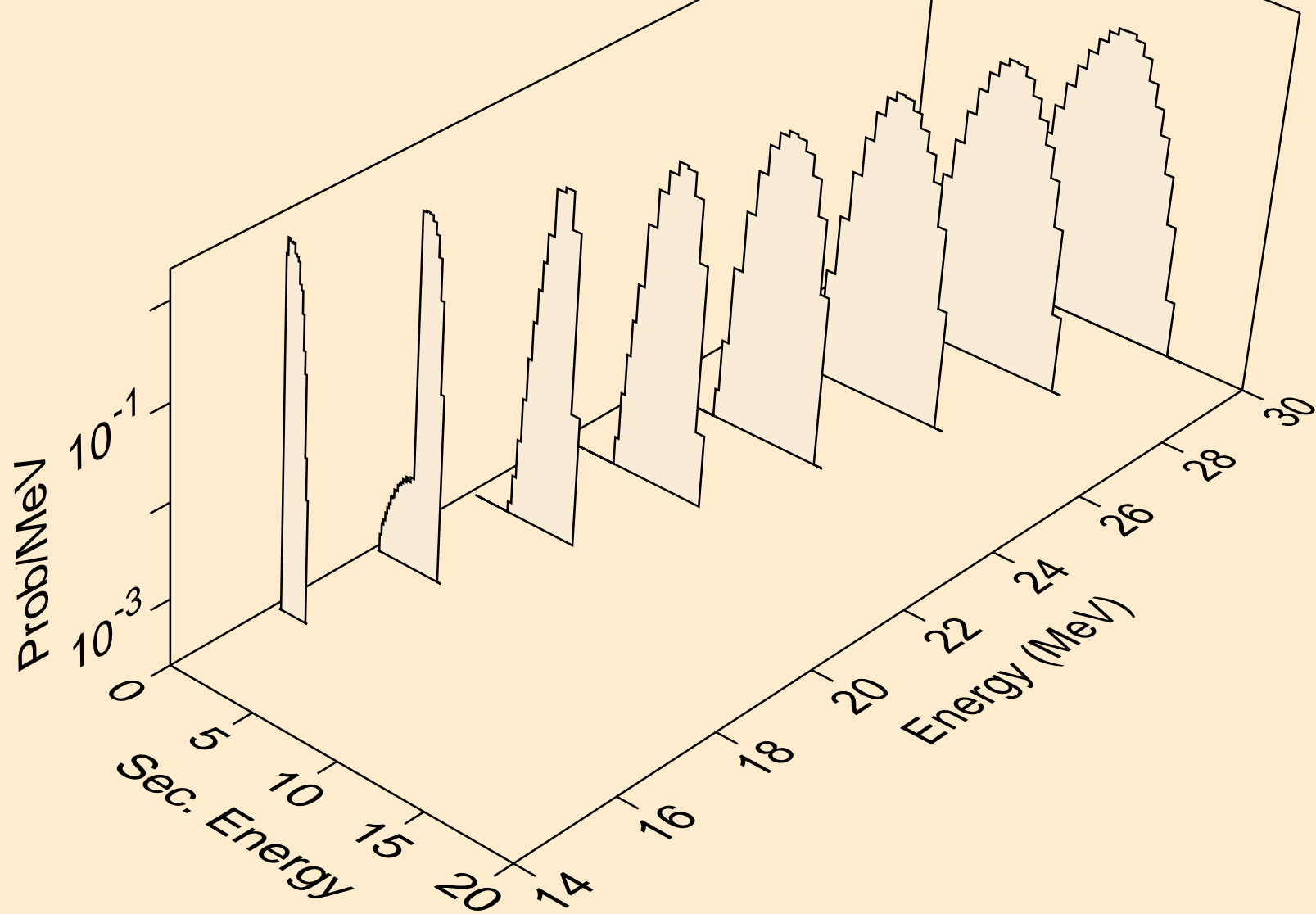
NP232 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



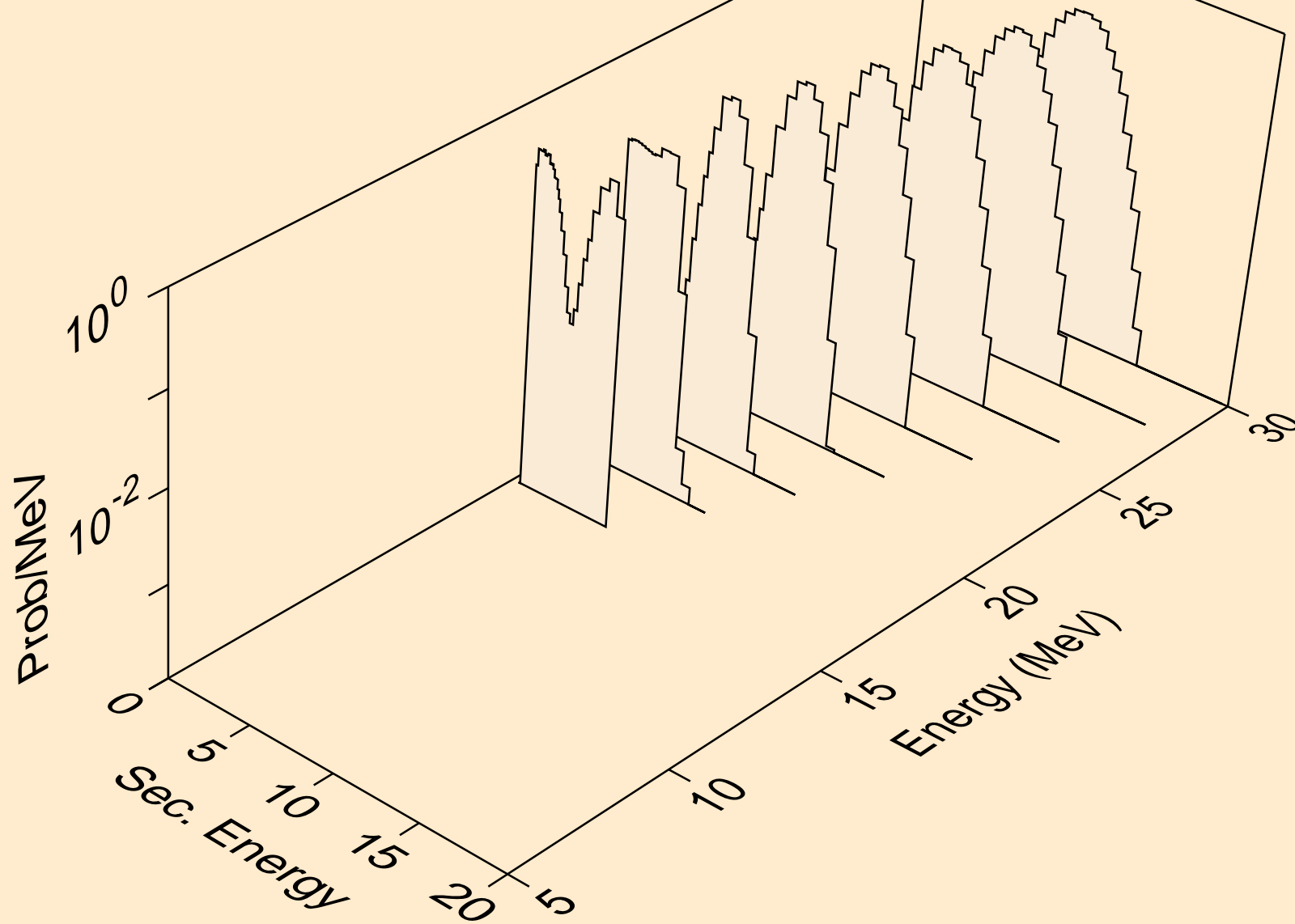
NP232 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



NP232 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)

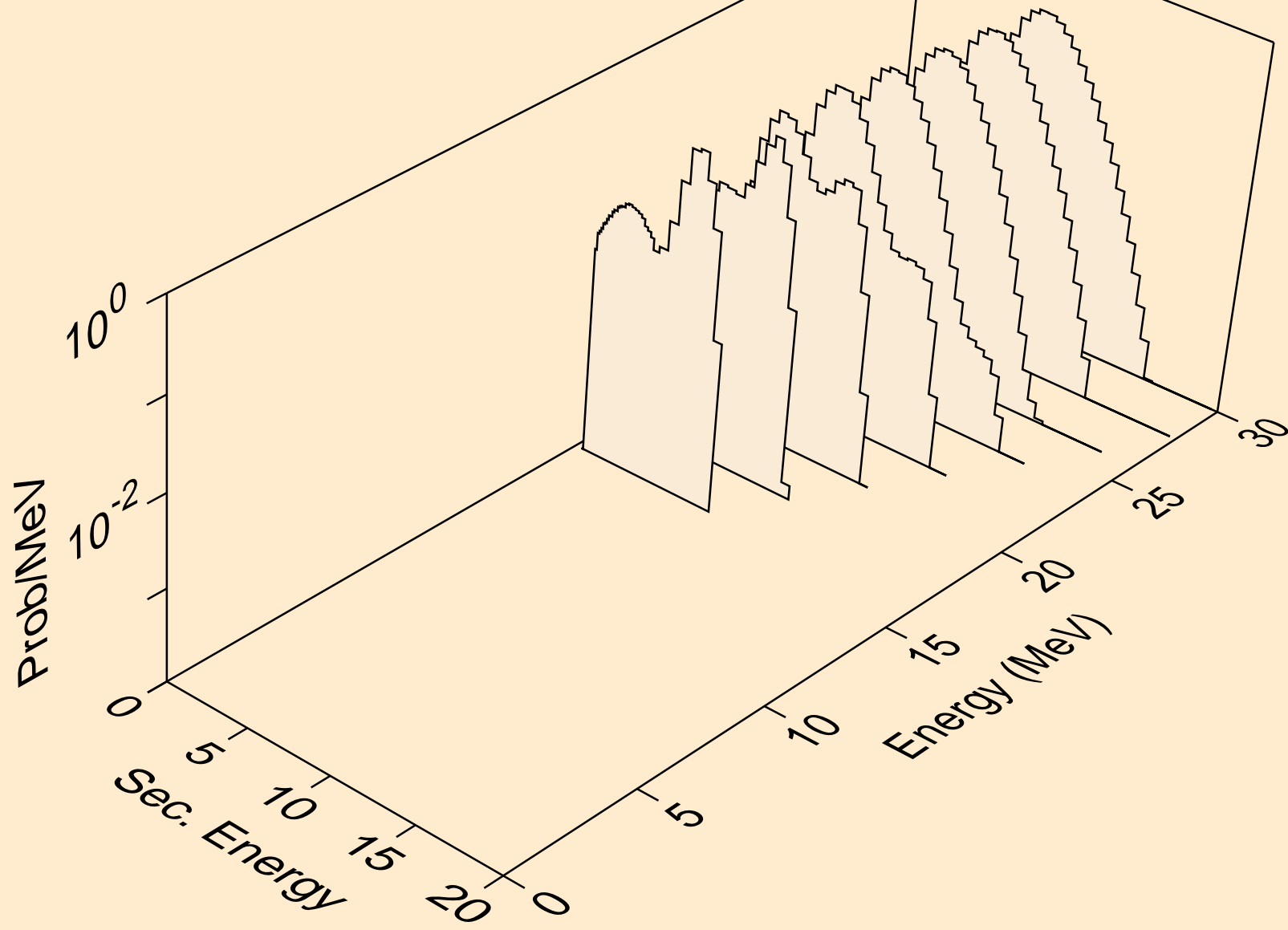


NP232 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)

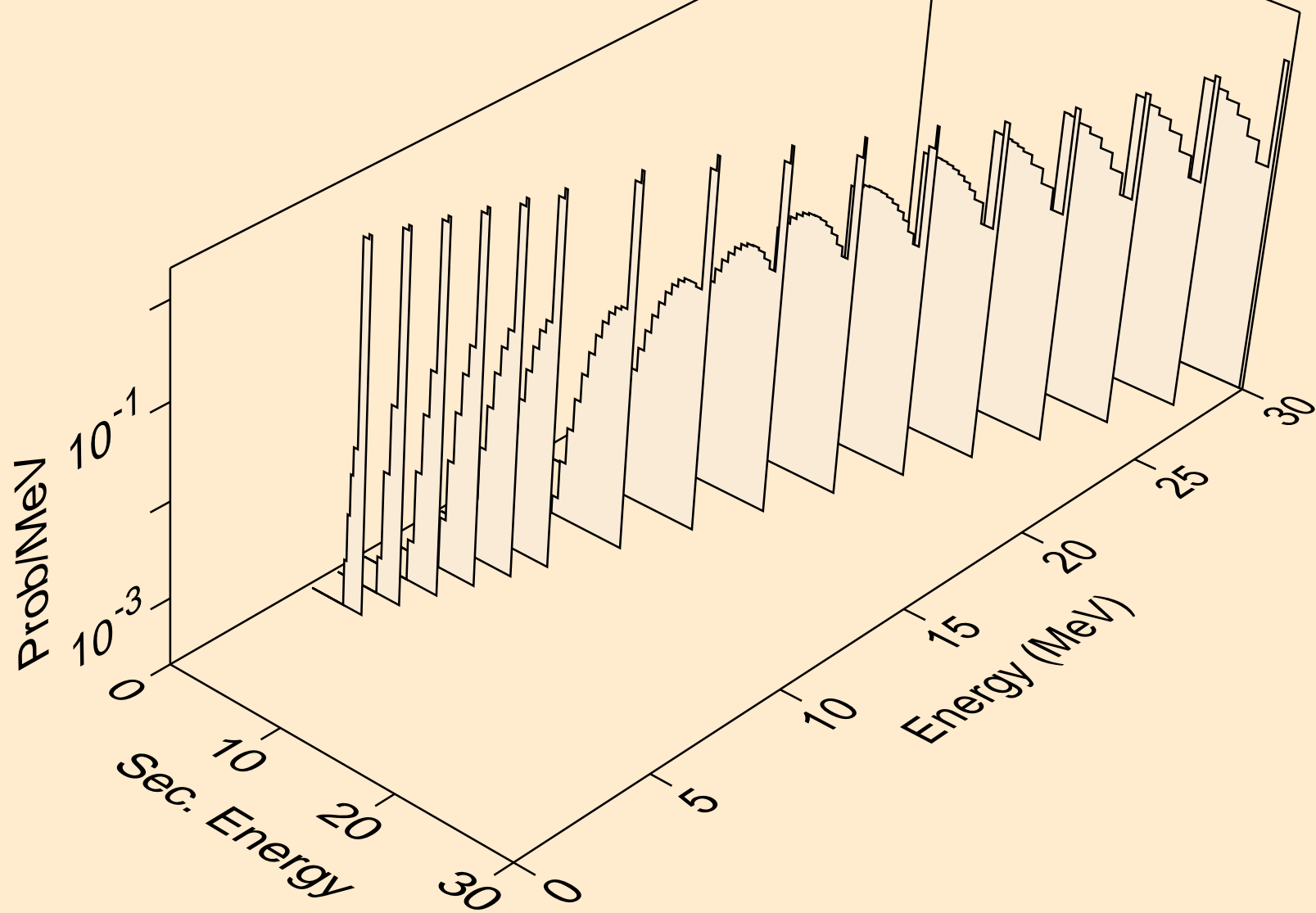




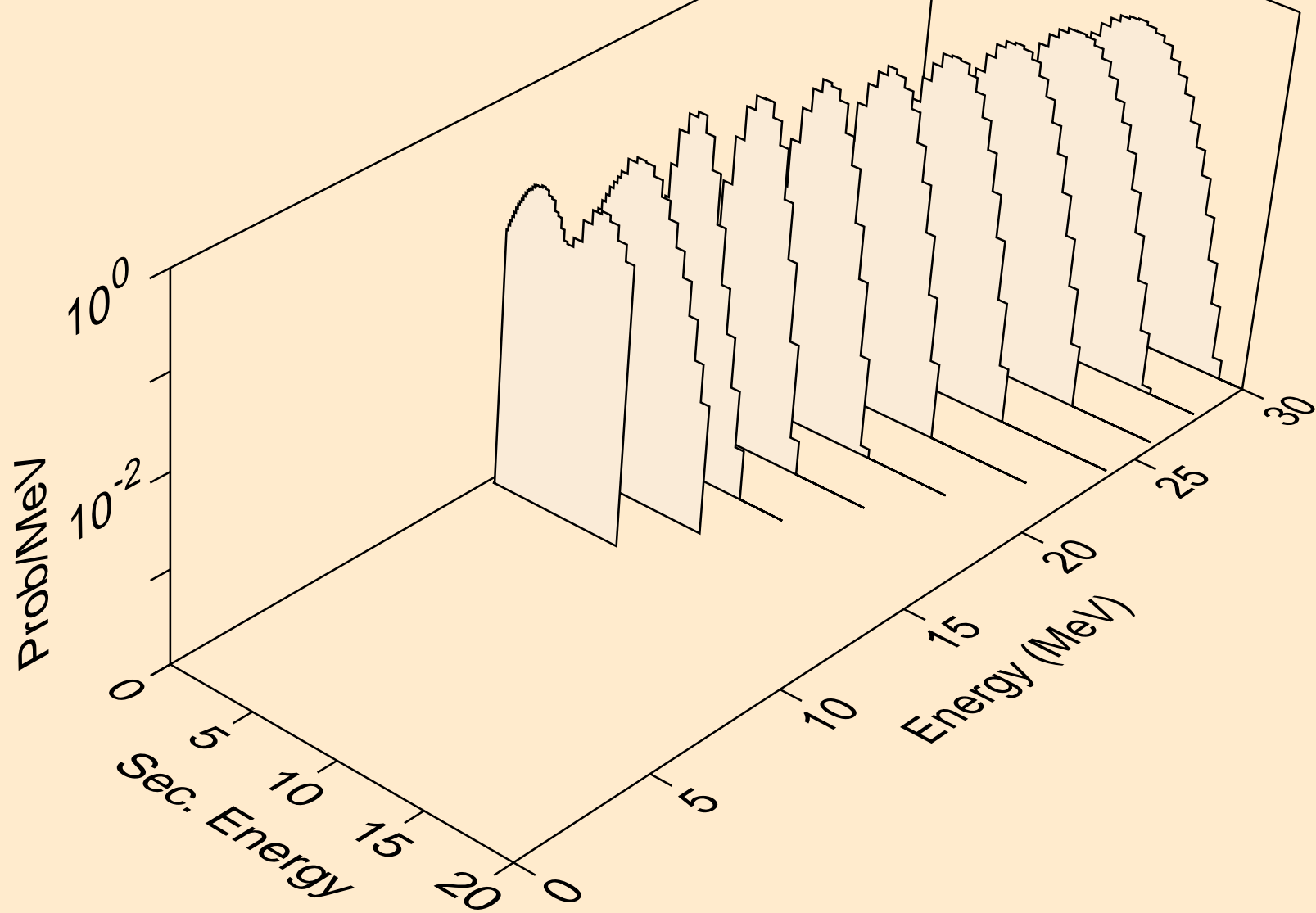
NP232 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,npa)



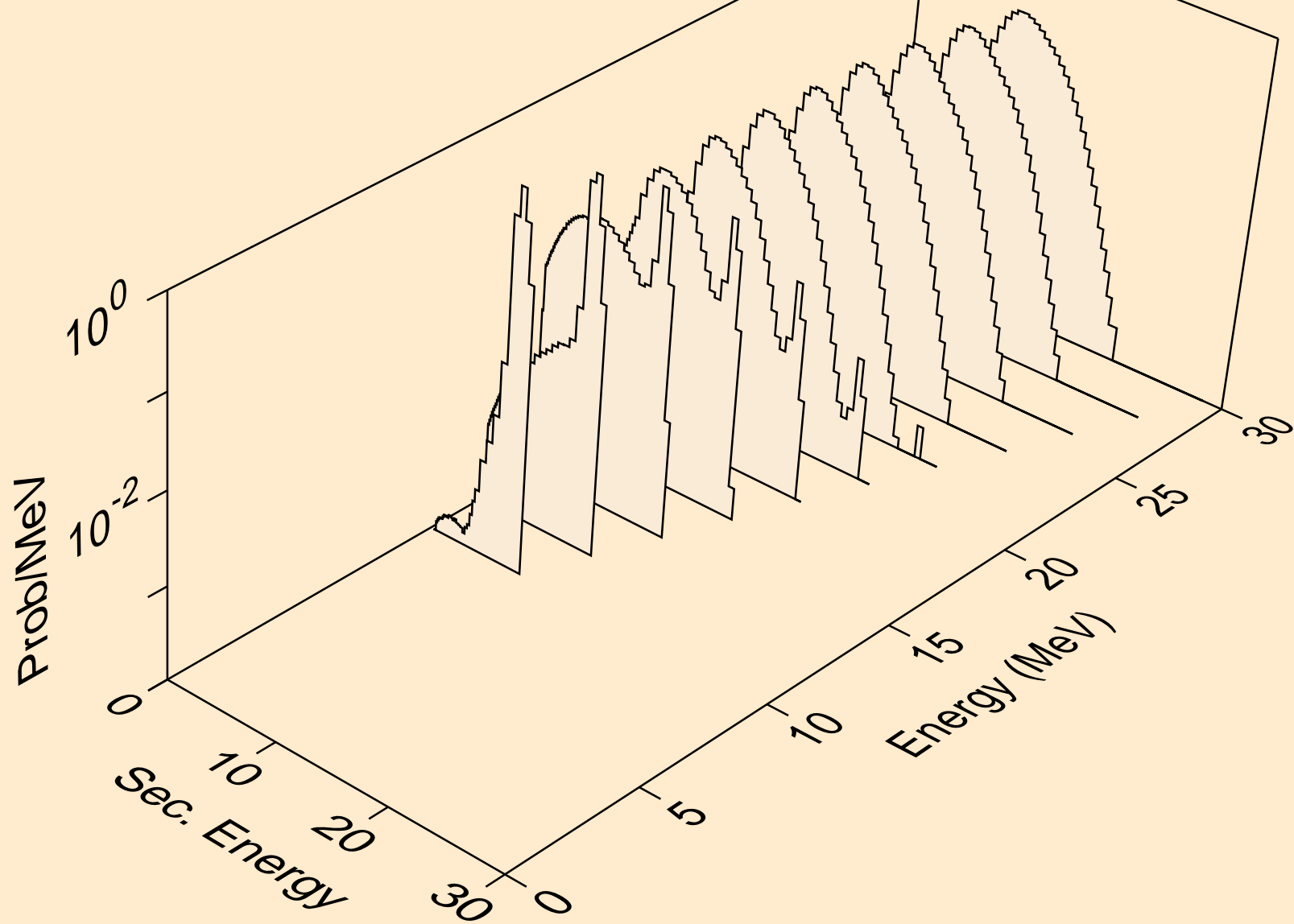
NP232 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic



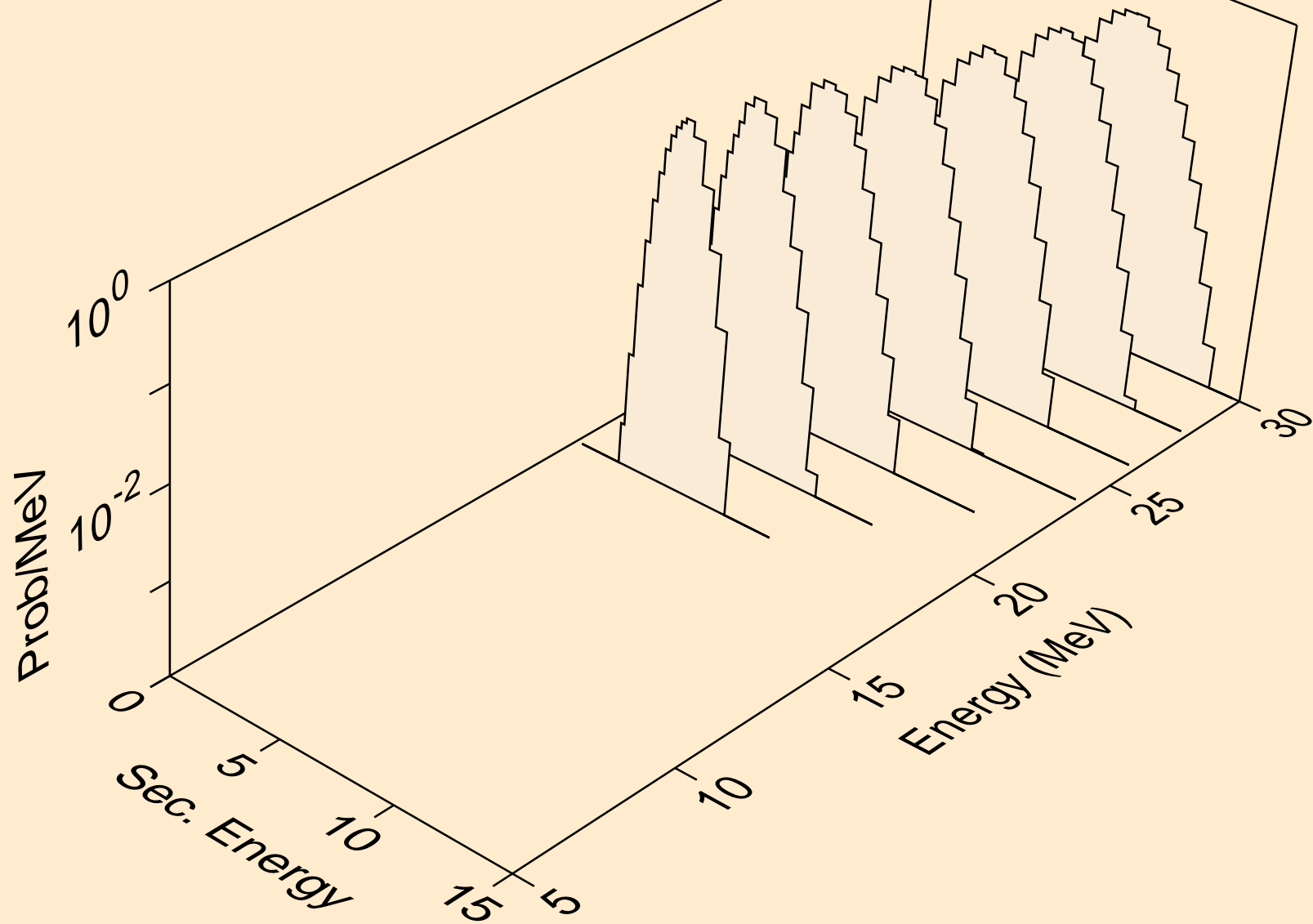
NP232 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)



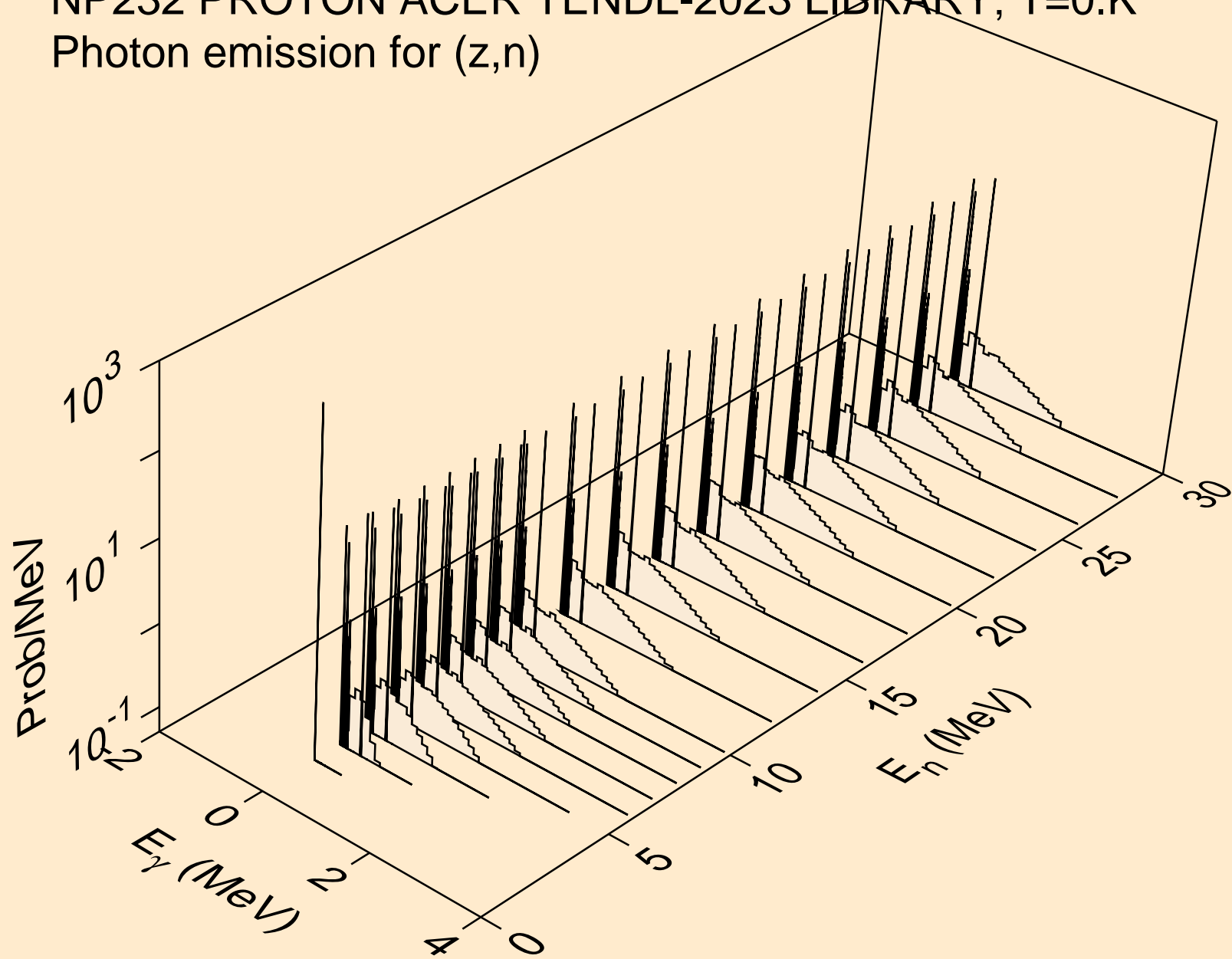
NP232 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pa)



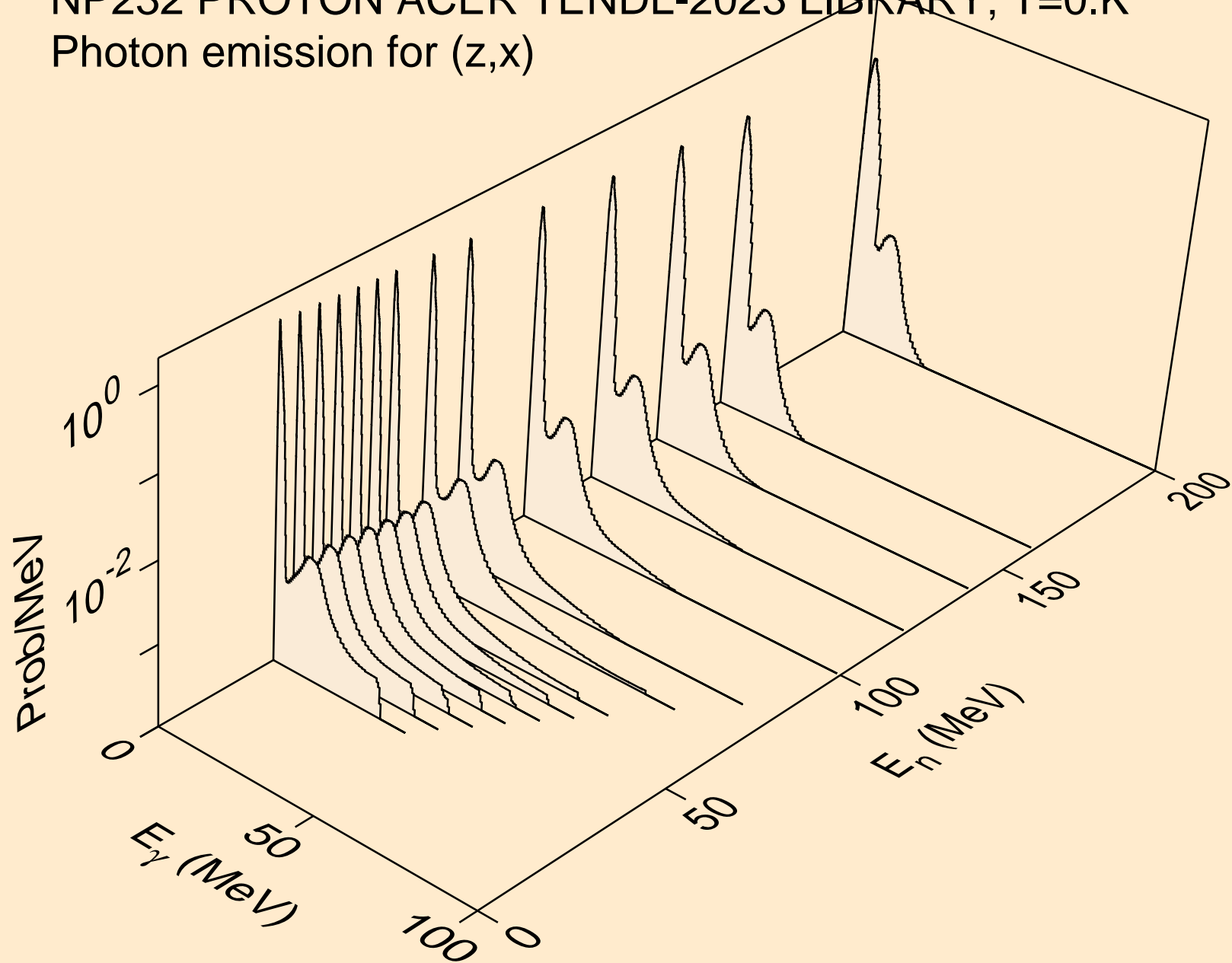
NP232 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pd)



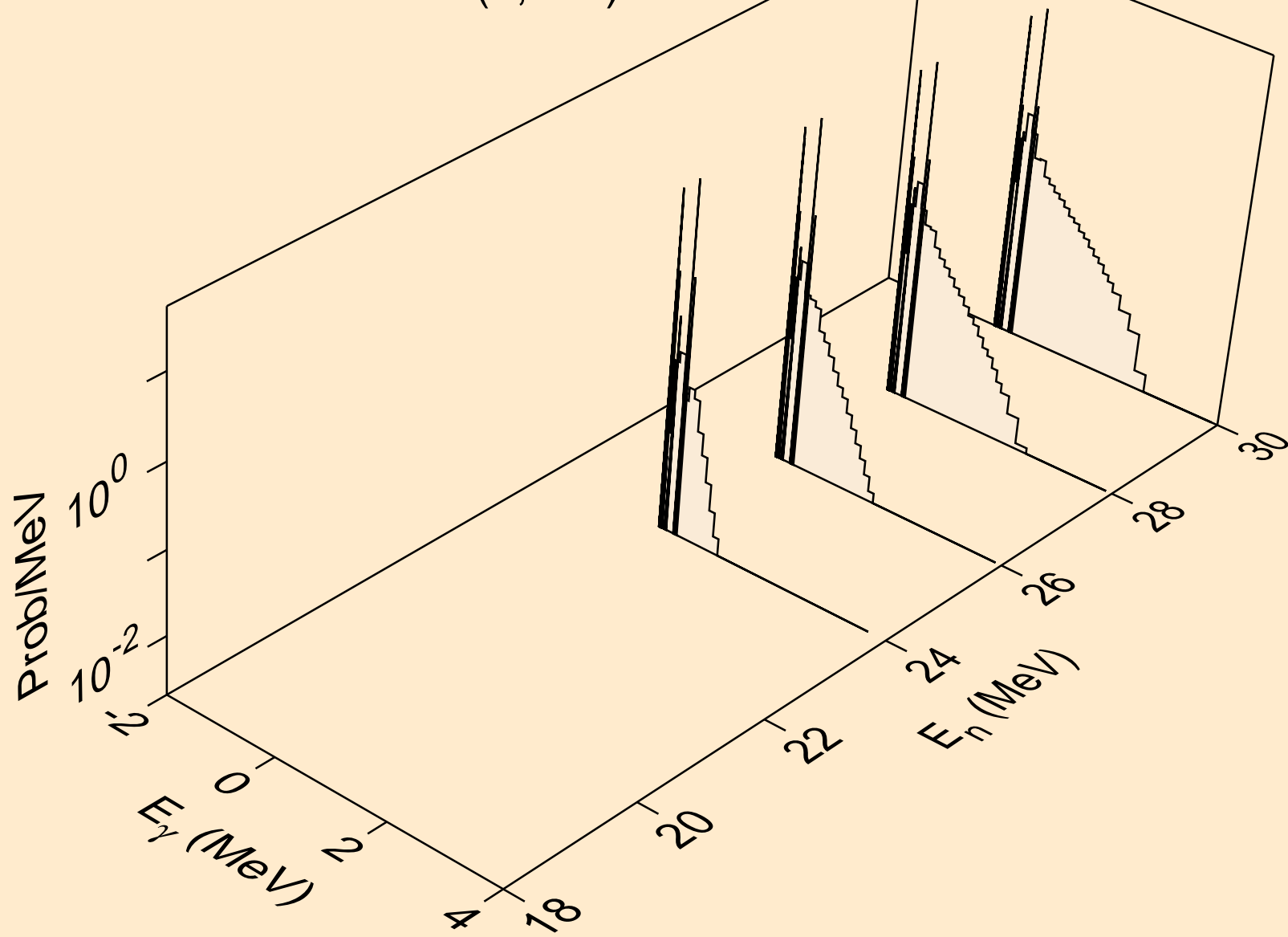
NP232 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



NP232 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)

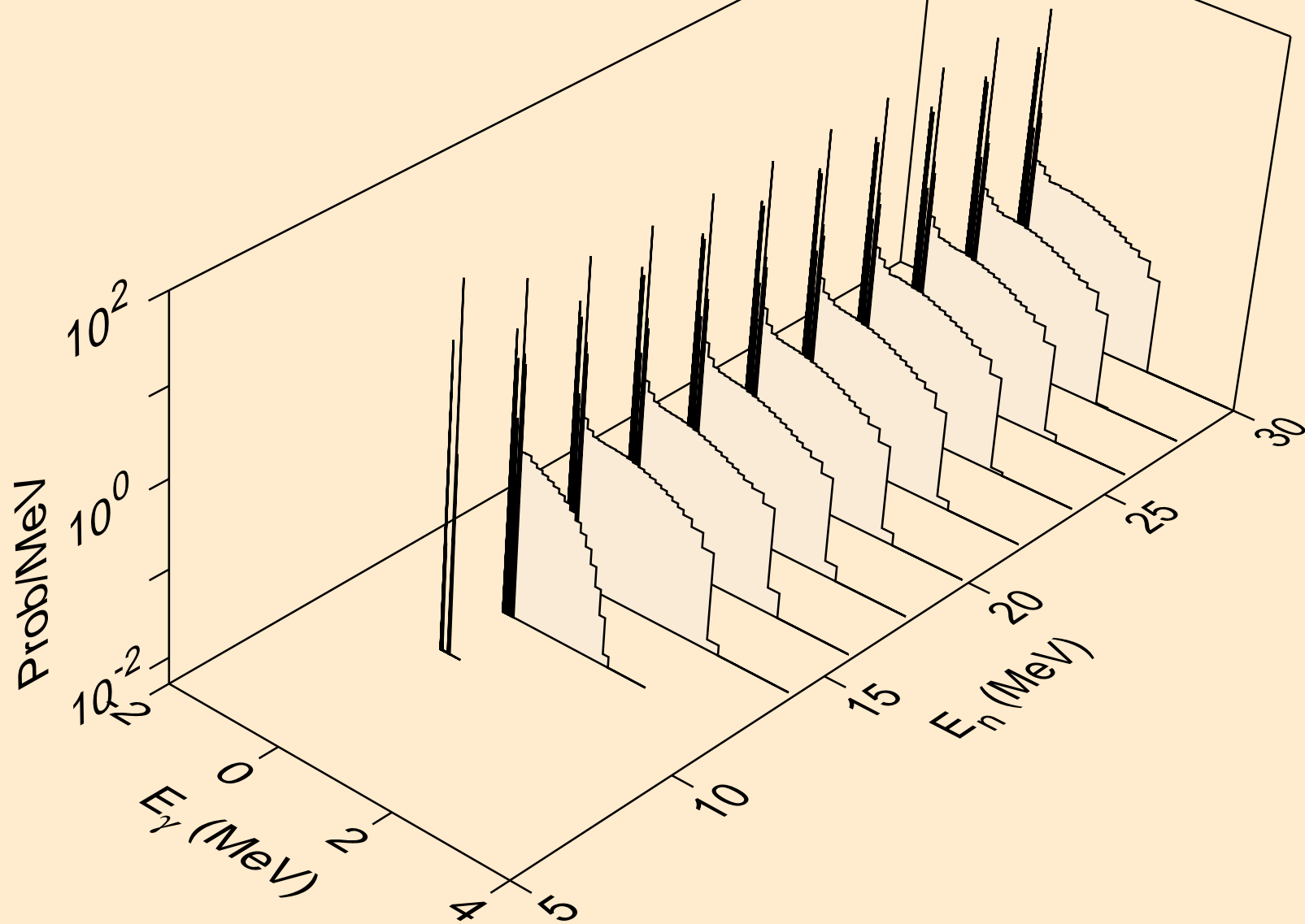


NP232 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)

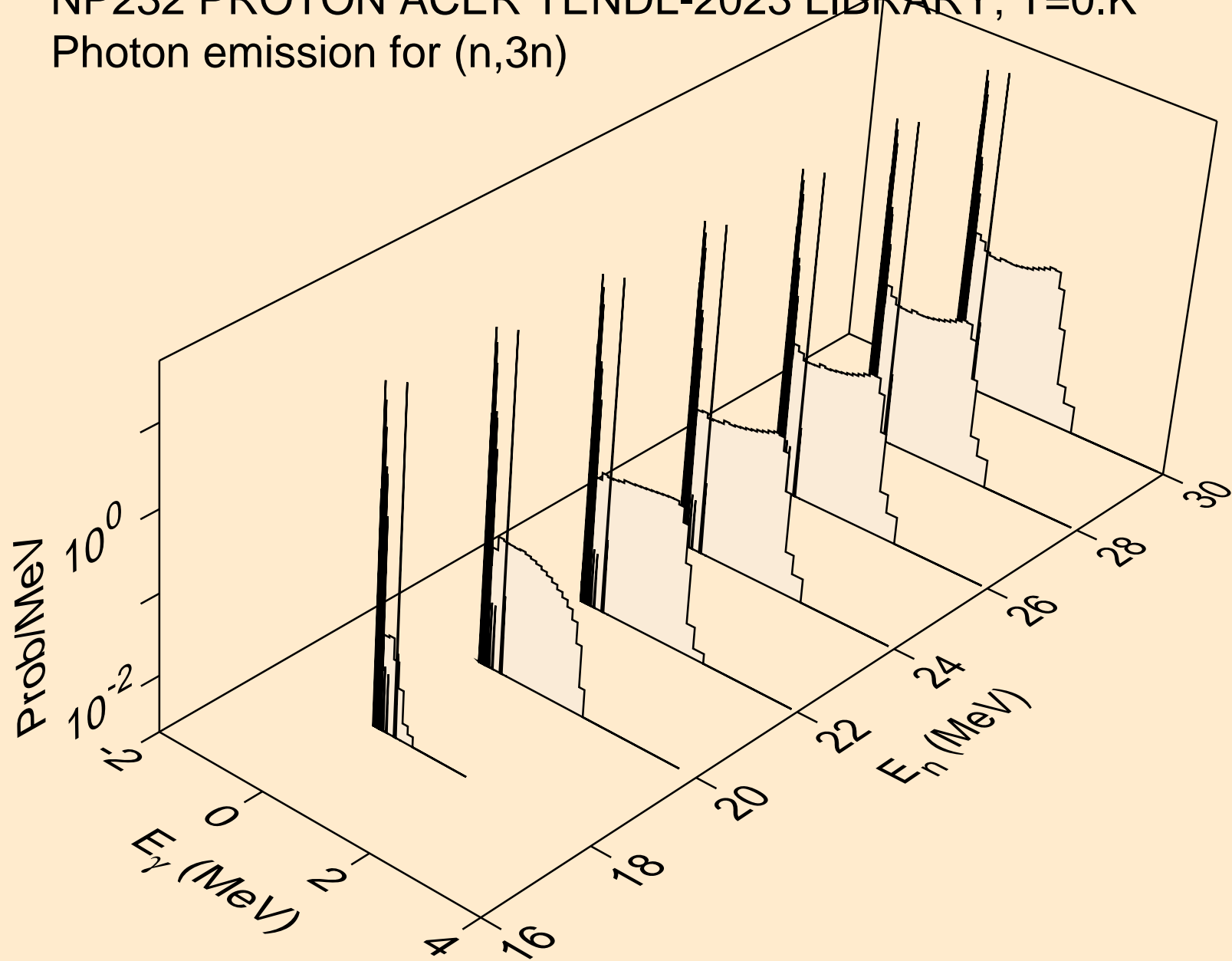




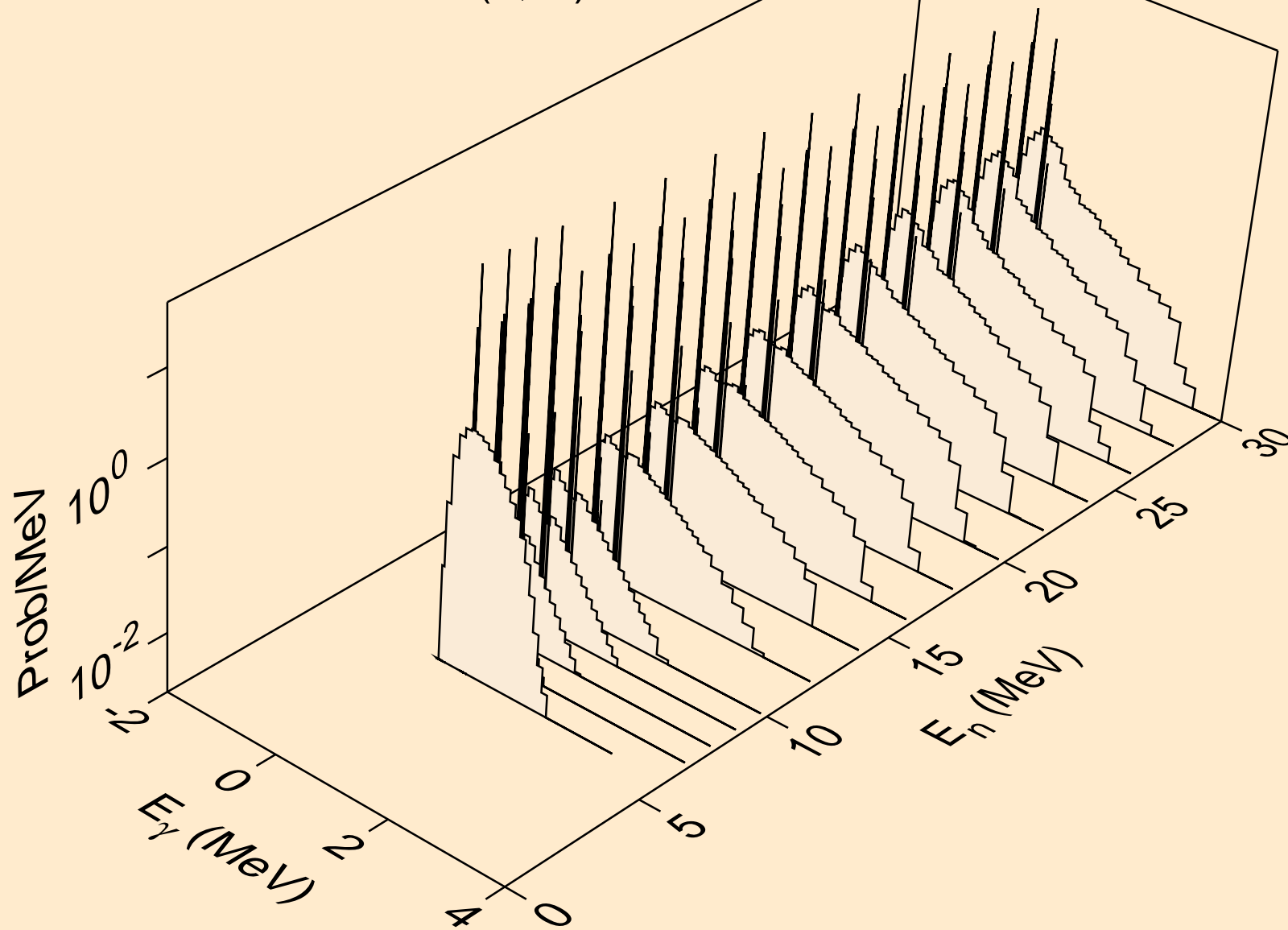
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Photon emission for (n,2n)



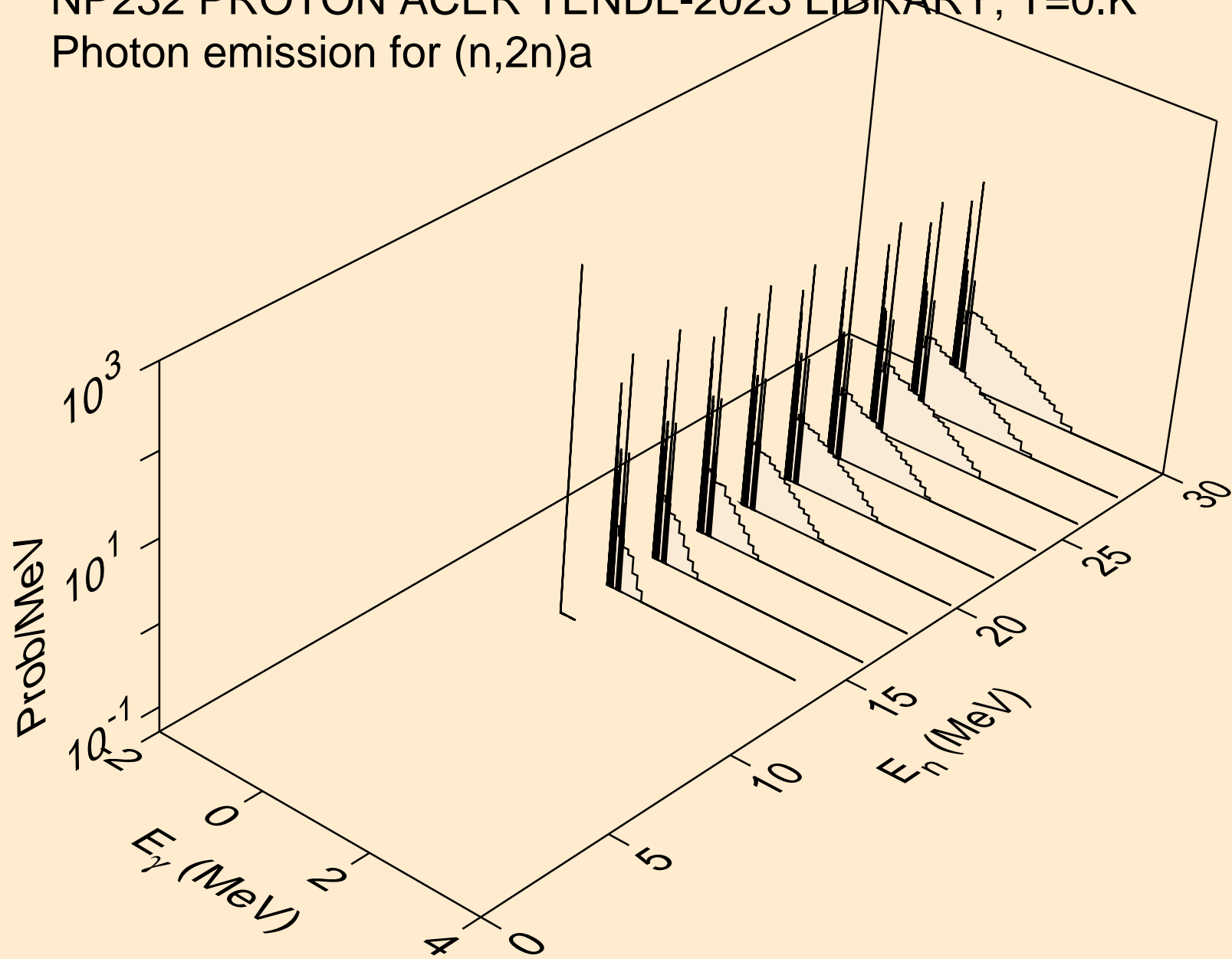
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Photon emission for (n,3n)



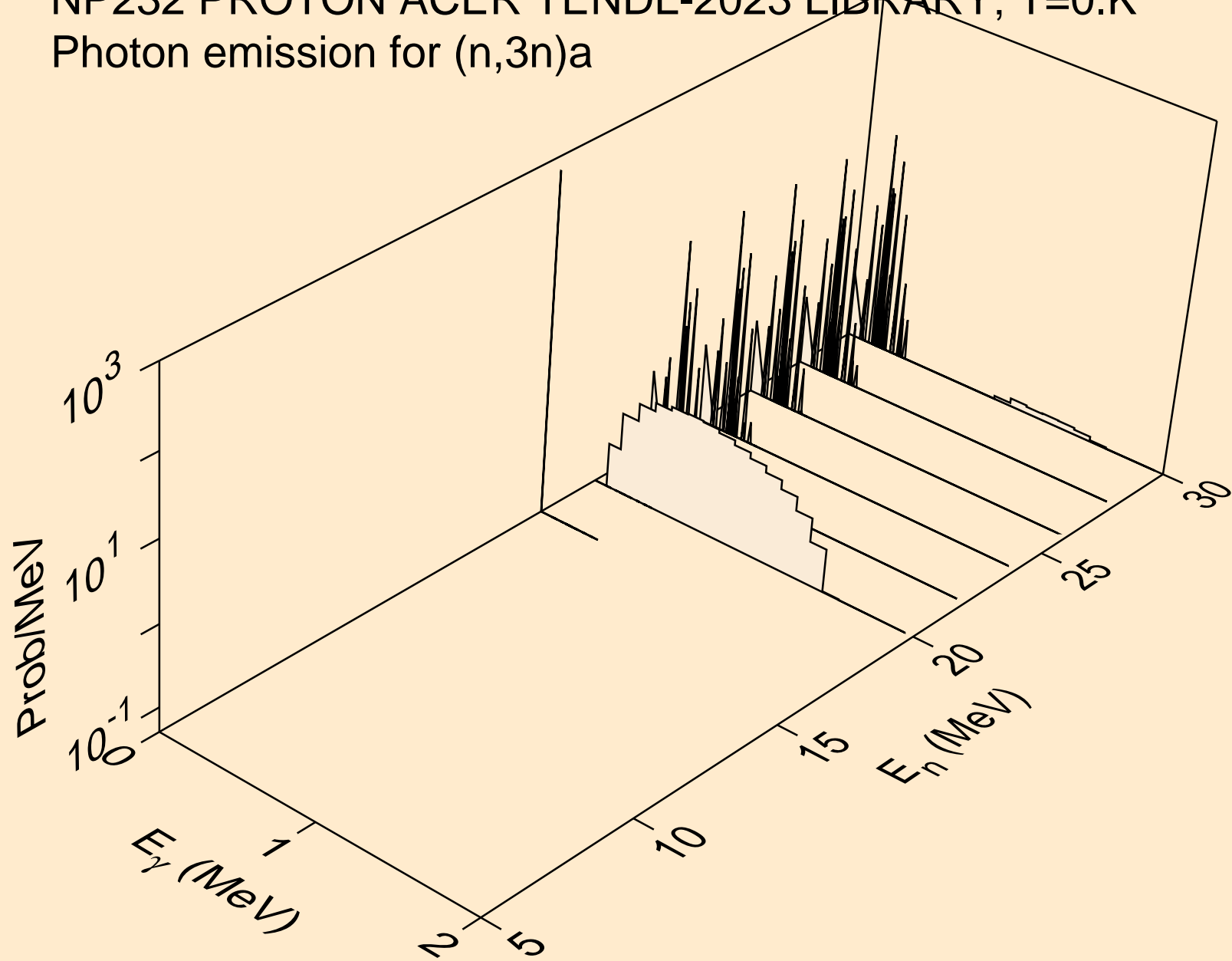
NP232 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



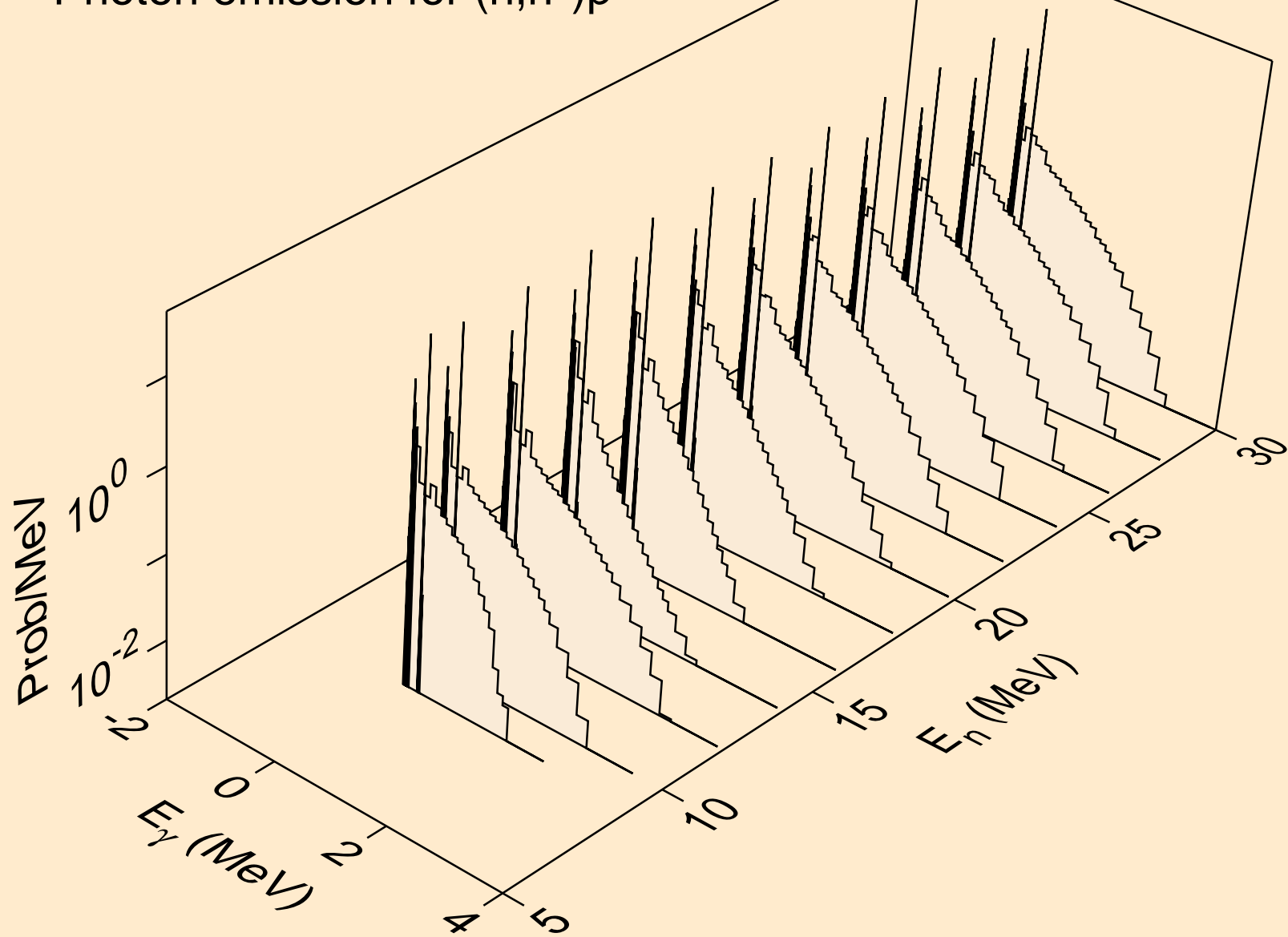
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Photon emission for (n,2n)a



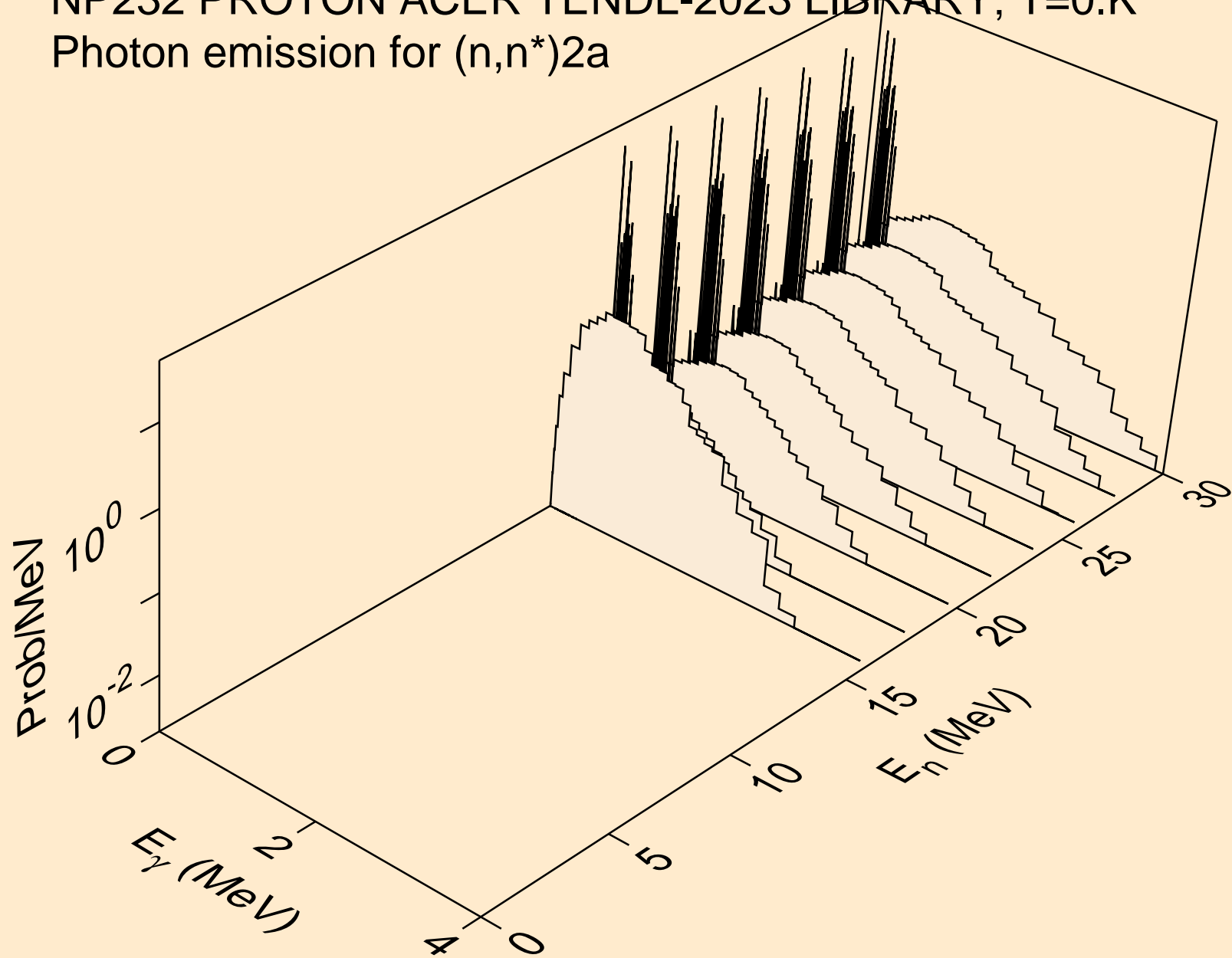
NP232 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



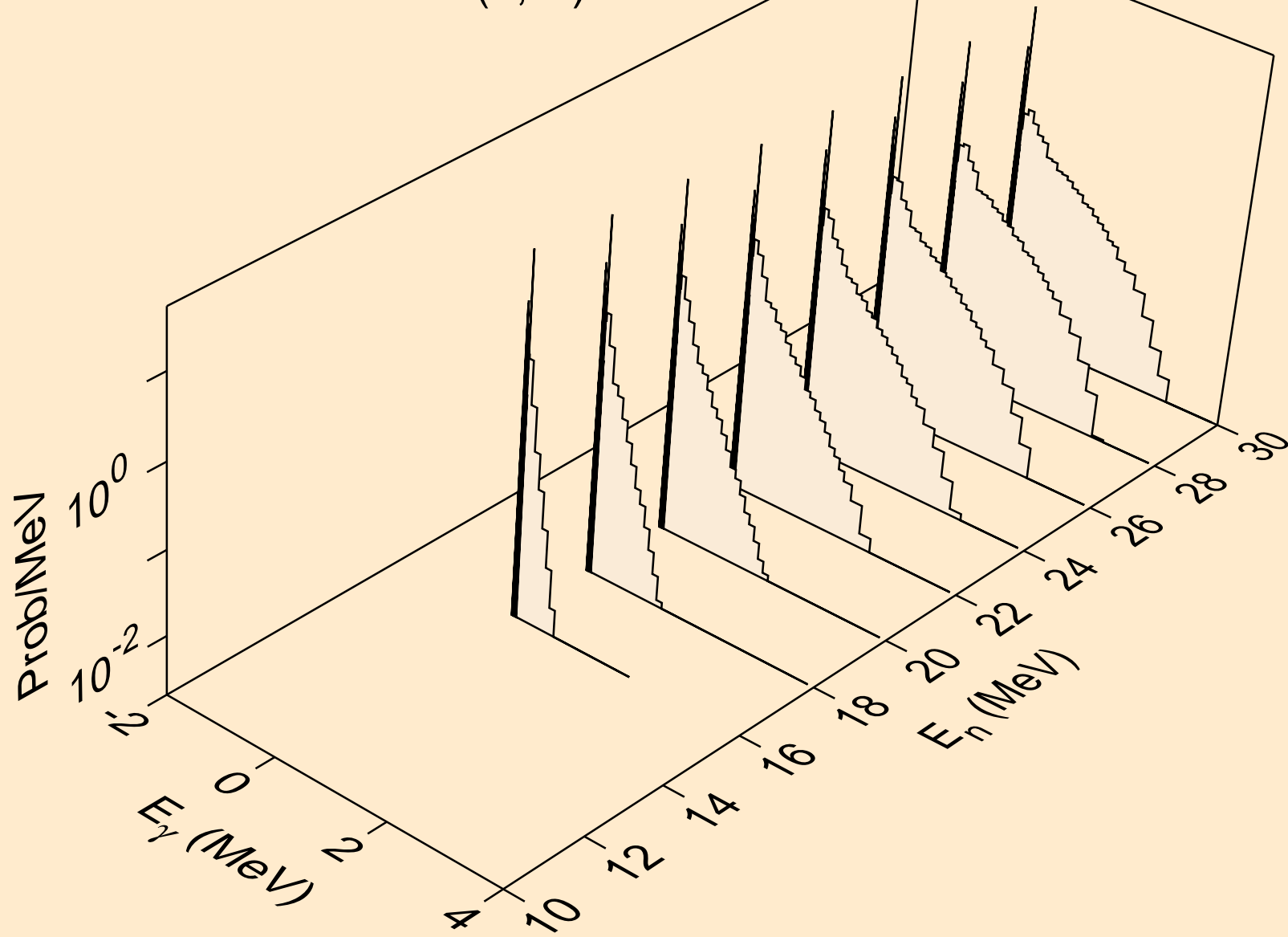
NP232 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



NP232 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a

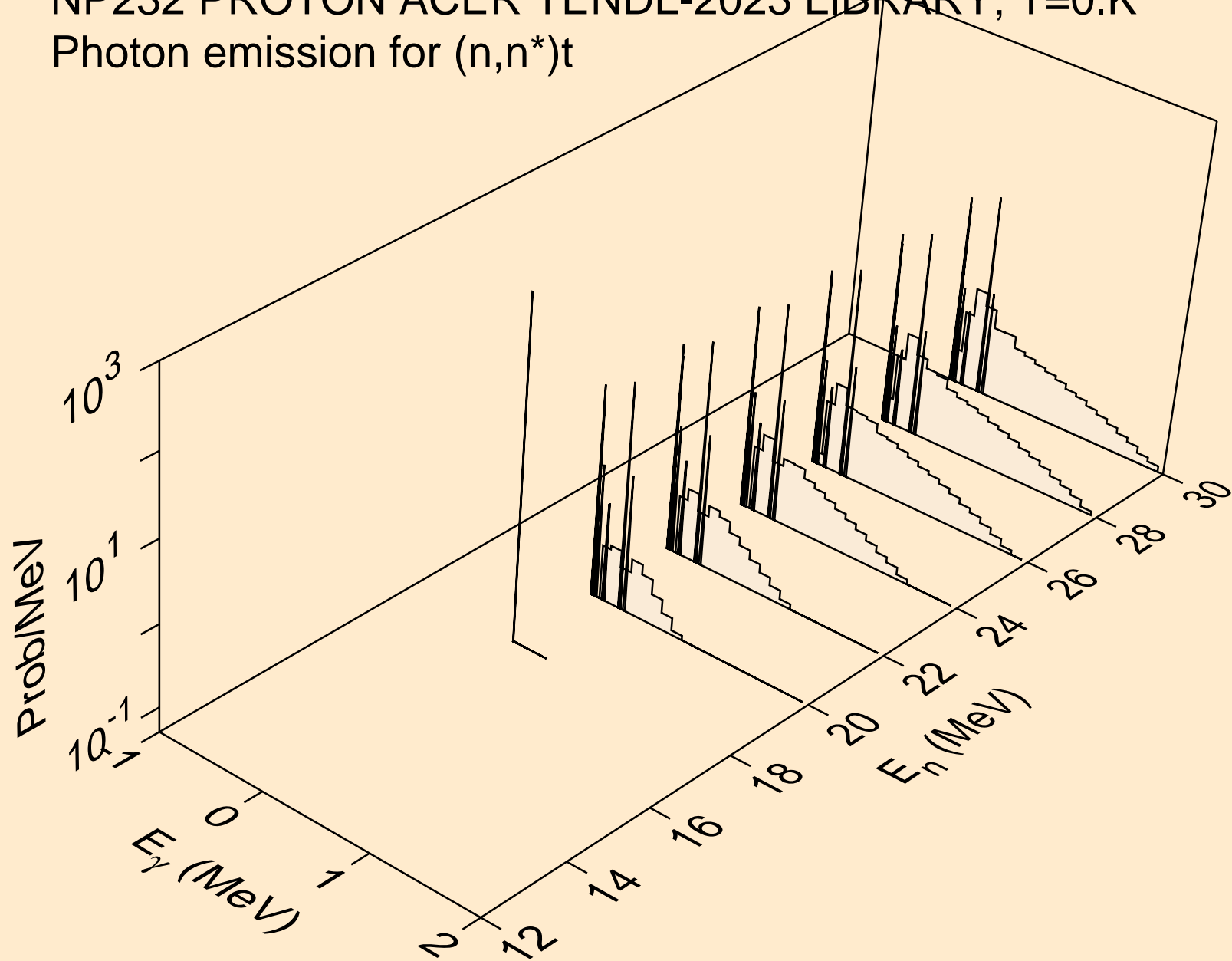


NP232 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

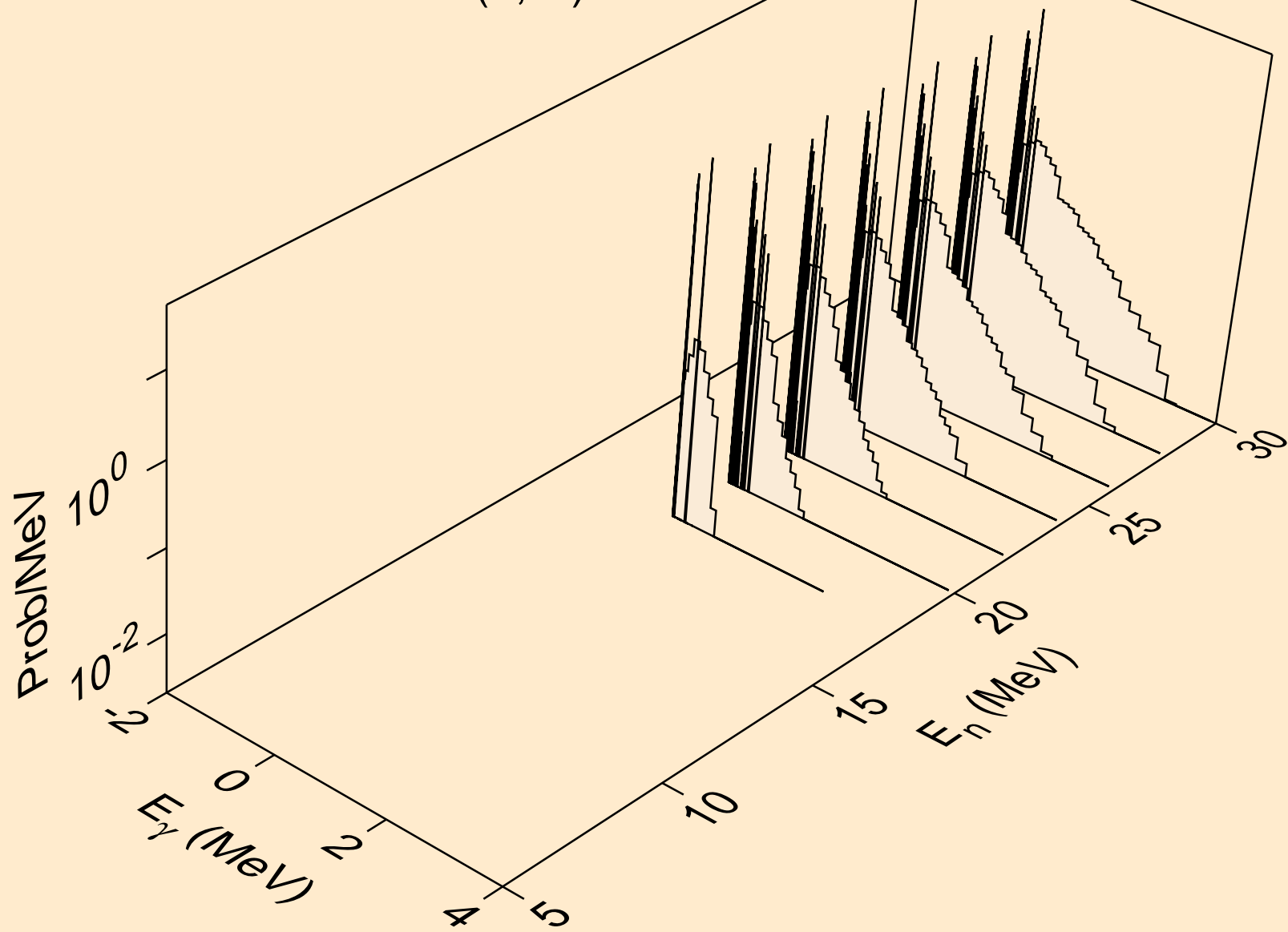




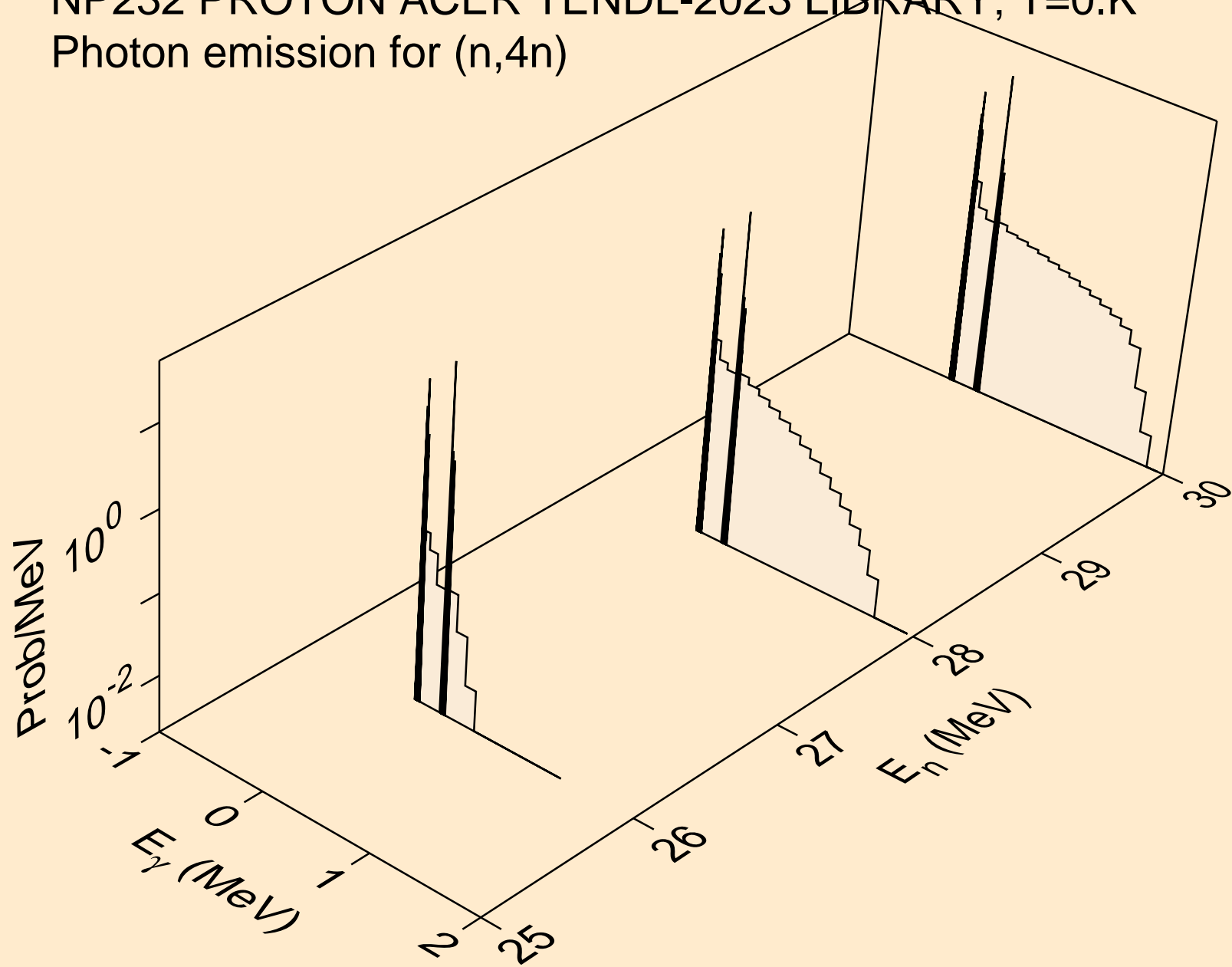
NP232 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



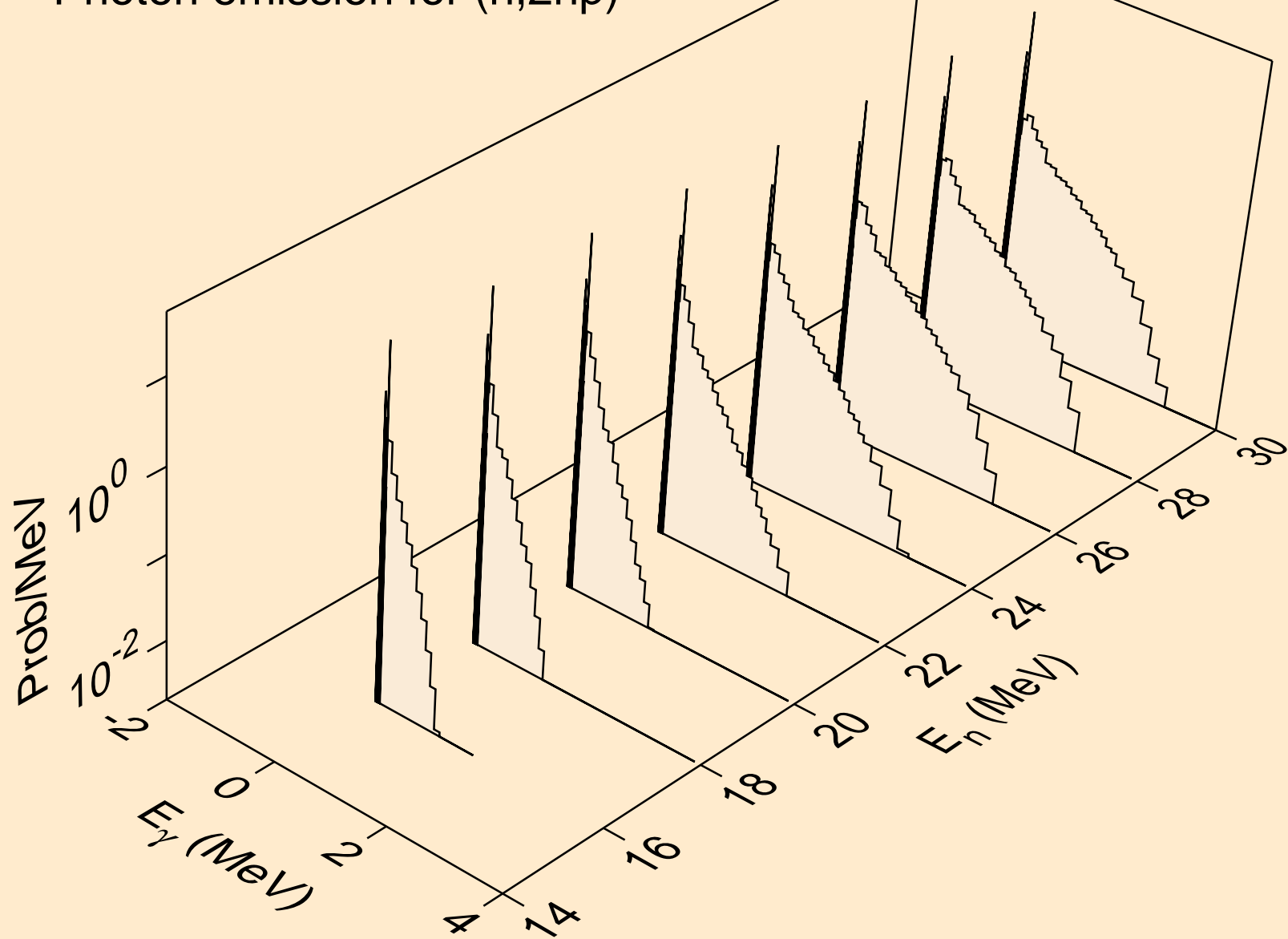
NP232 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



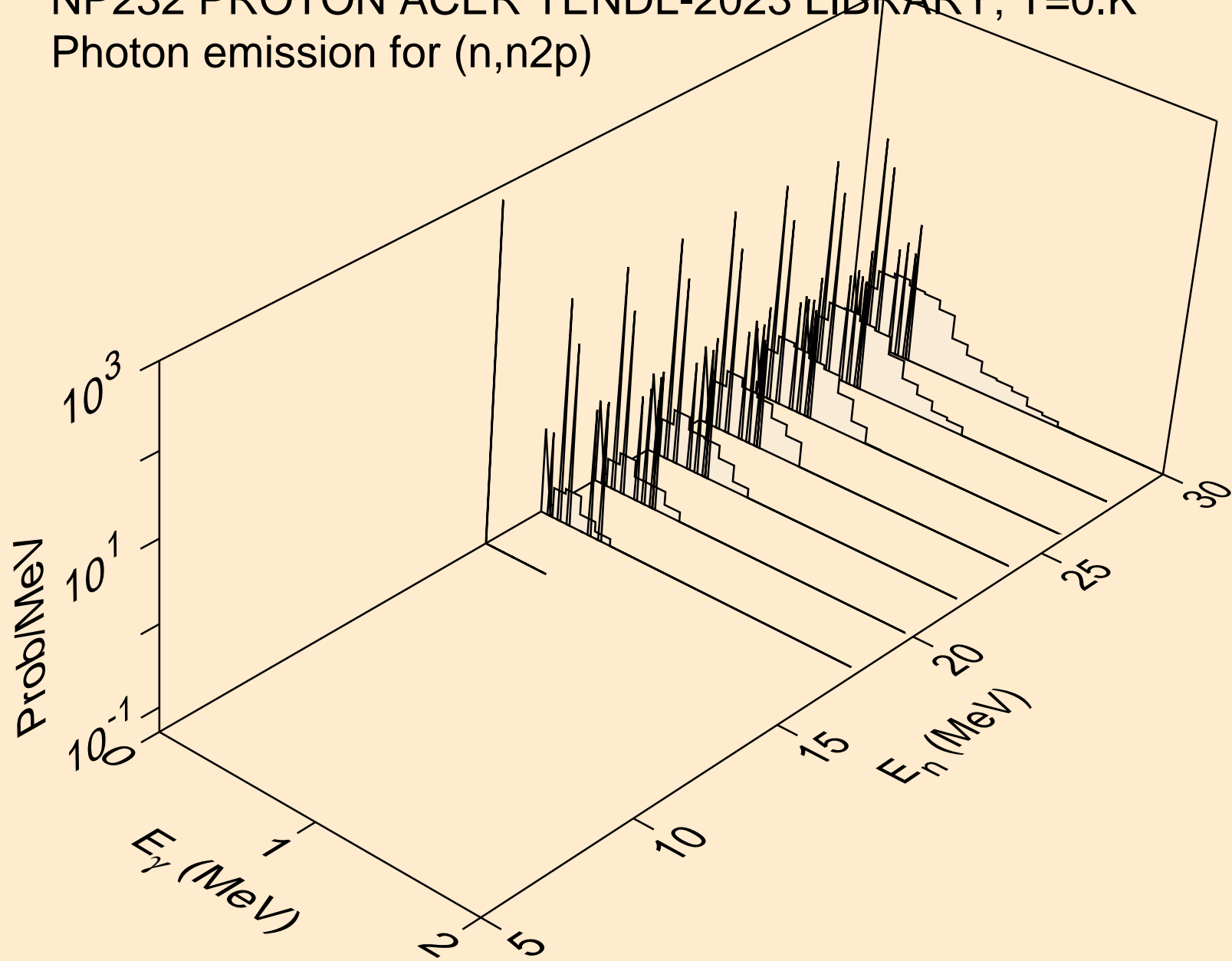
NP232 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



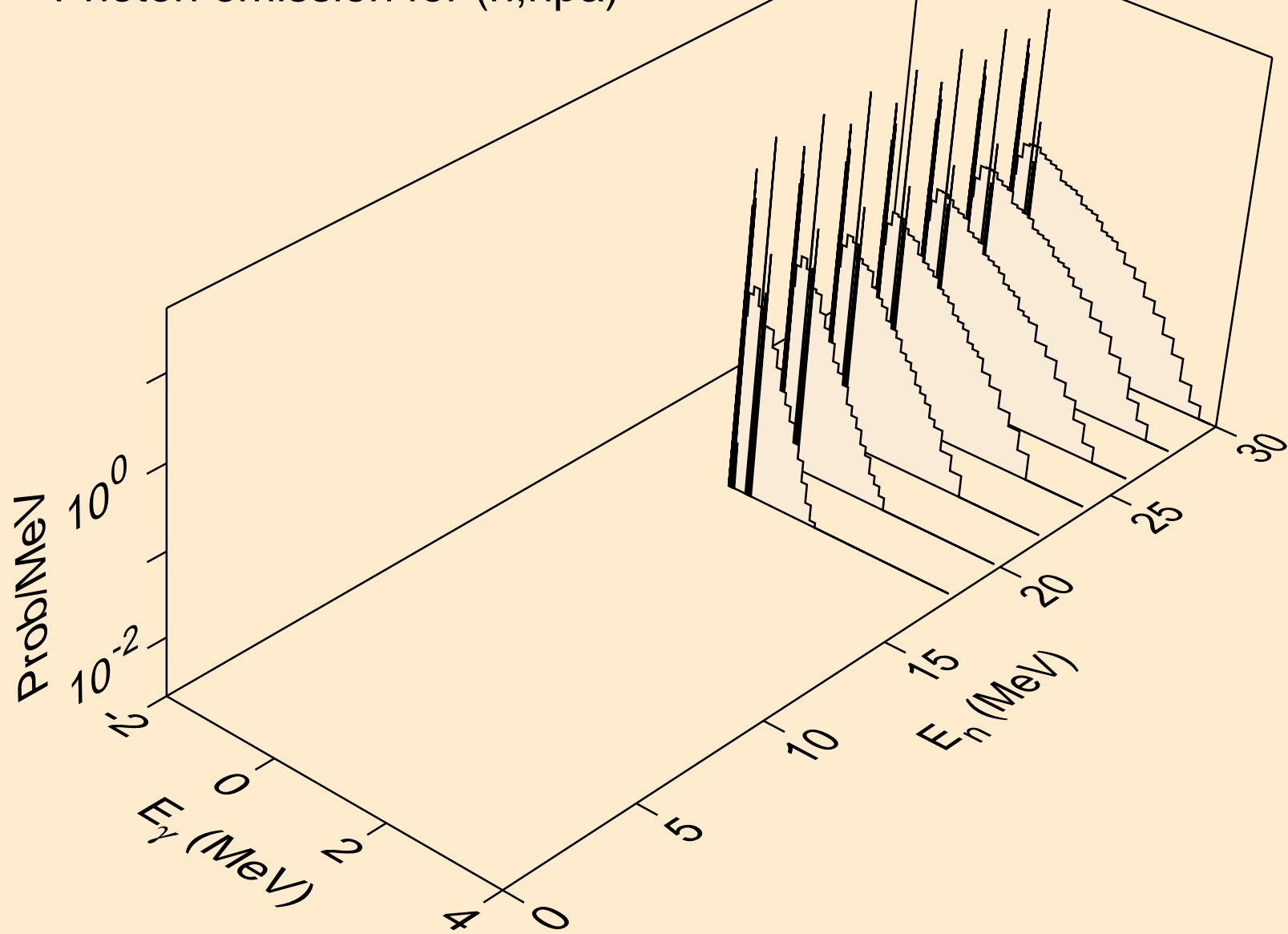
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Photon emission for (n,2np)



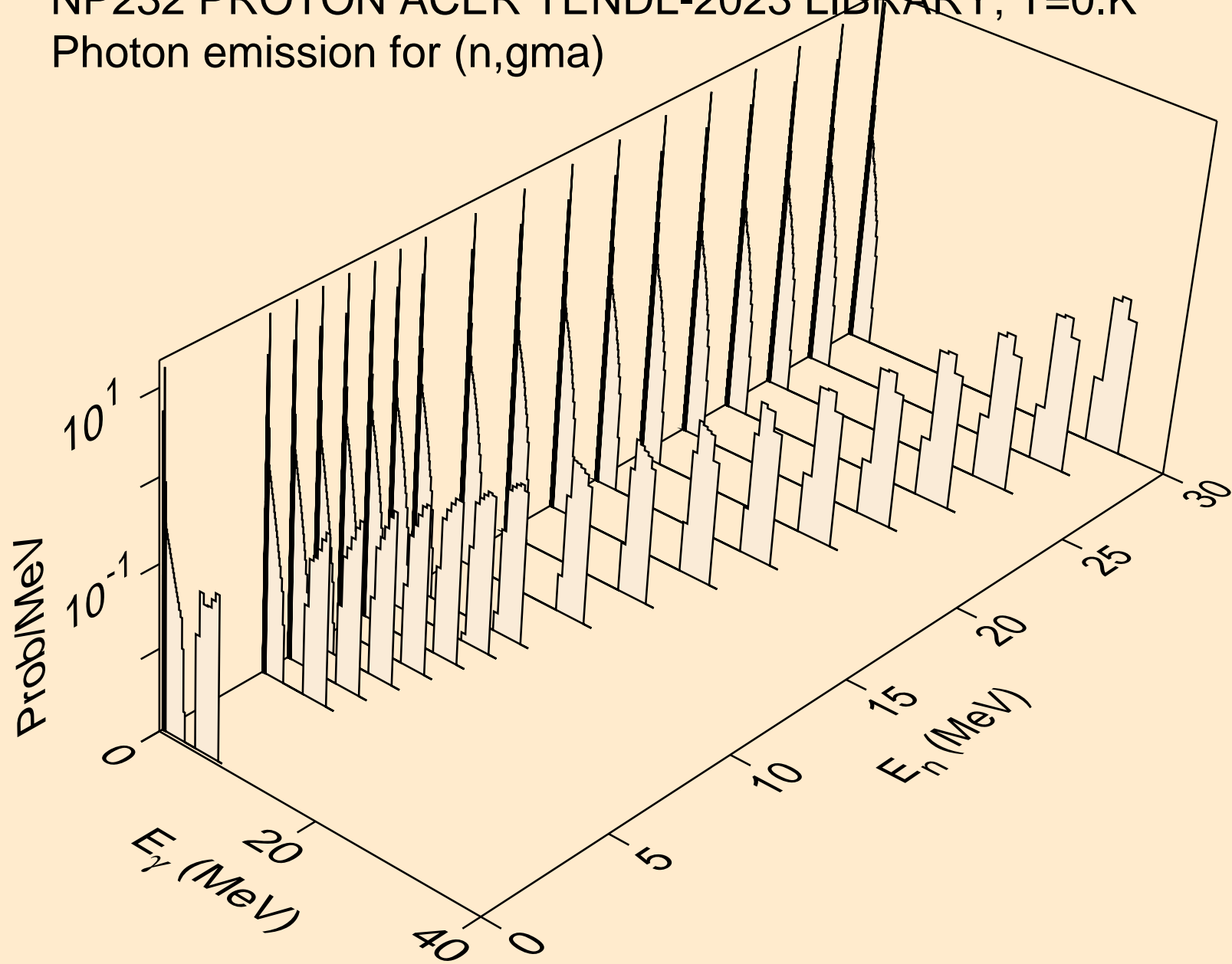
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Photon emission for (n,n2p)



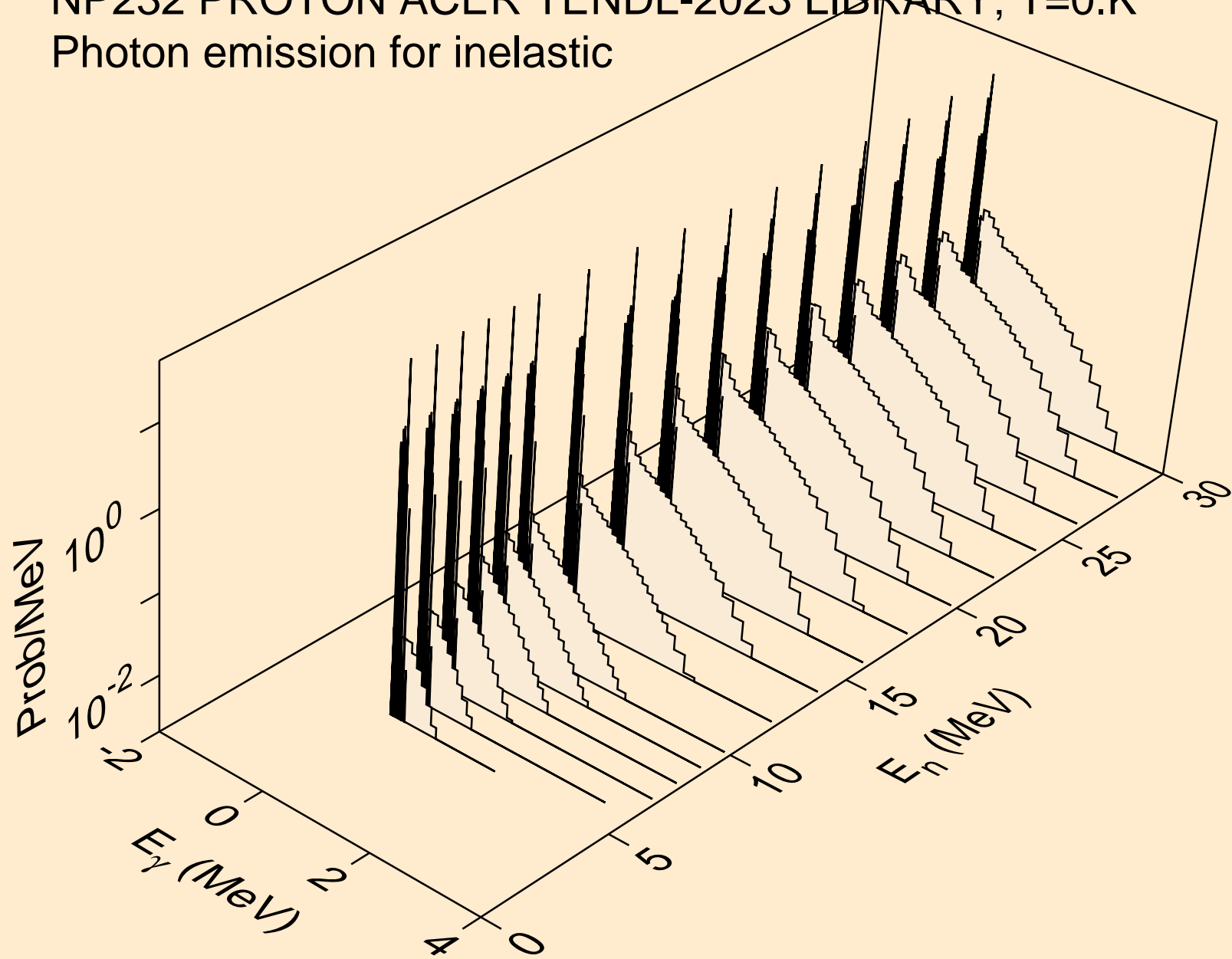
NP232 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



NP232 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)

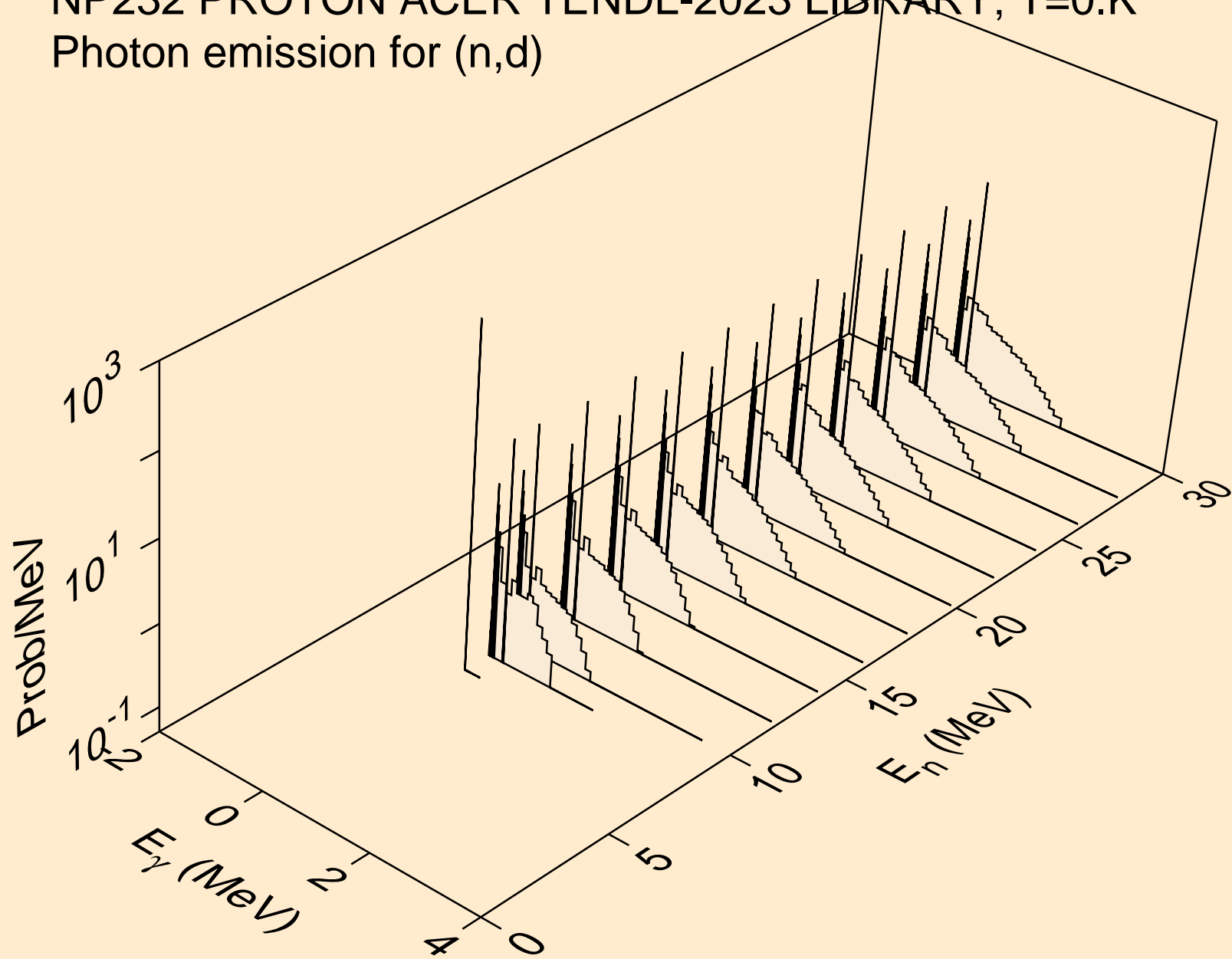


NP232 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

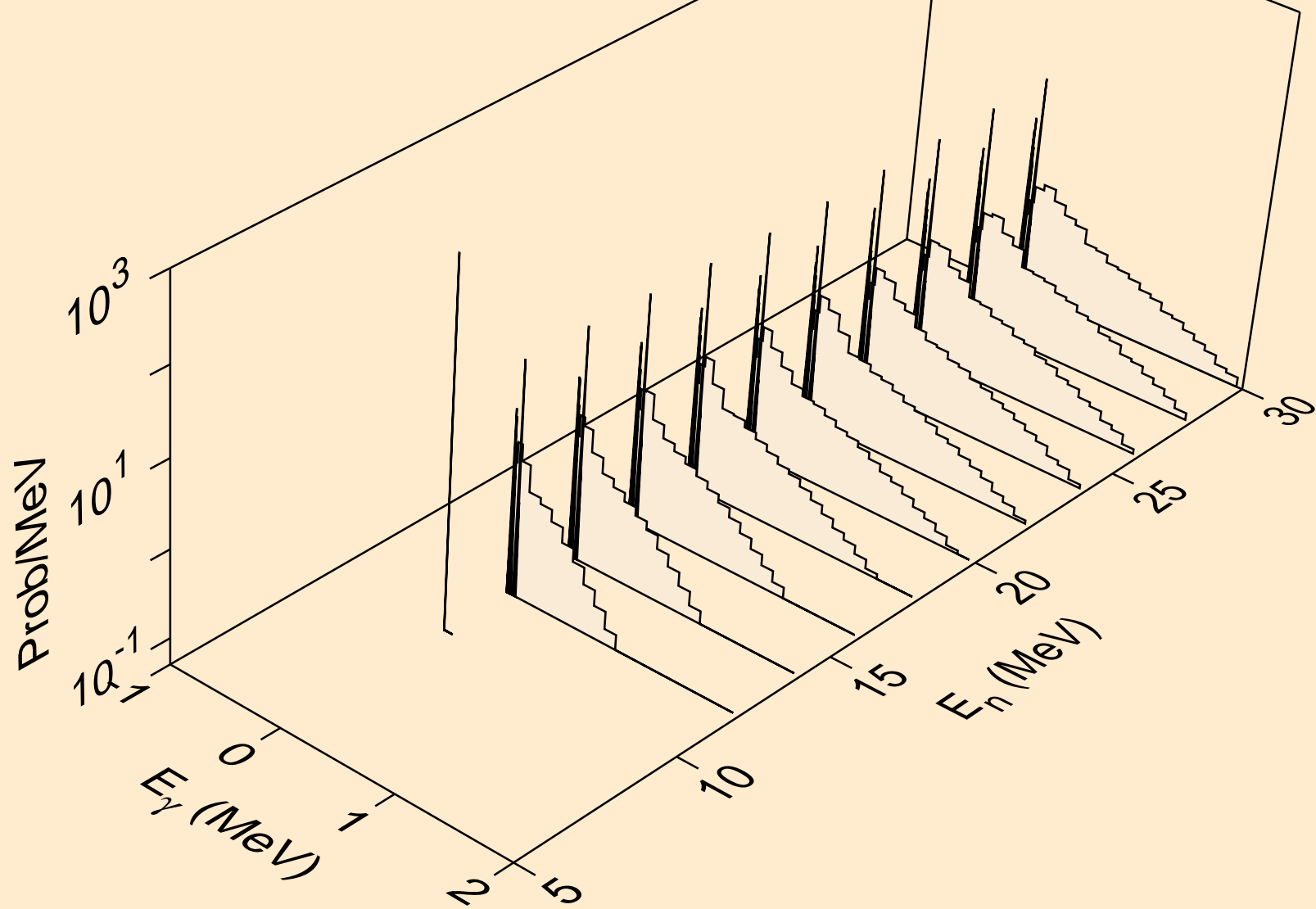




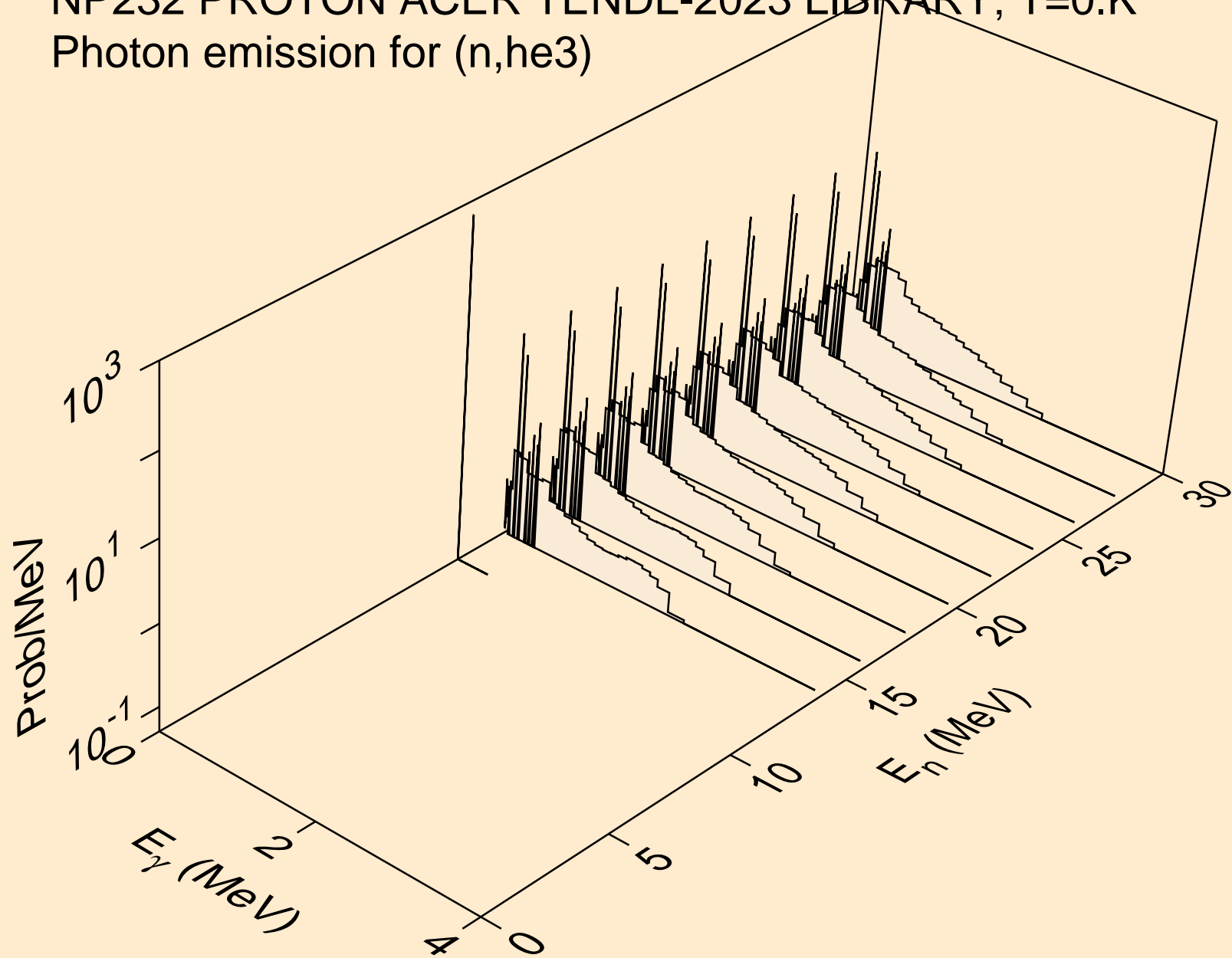
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Photon emission for (n,d)



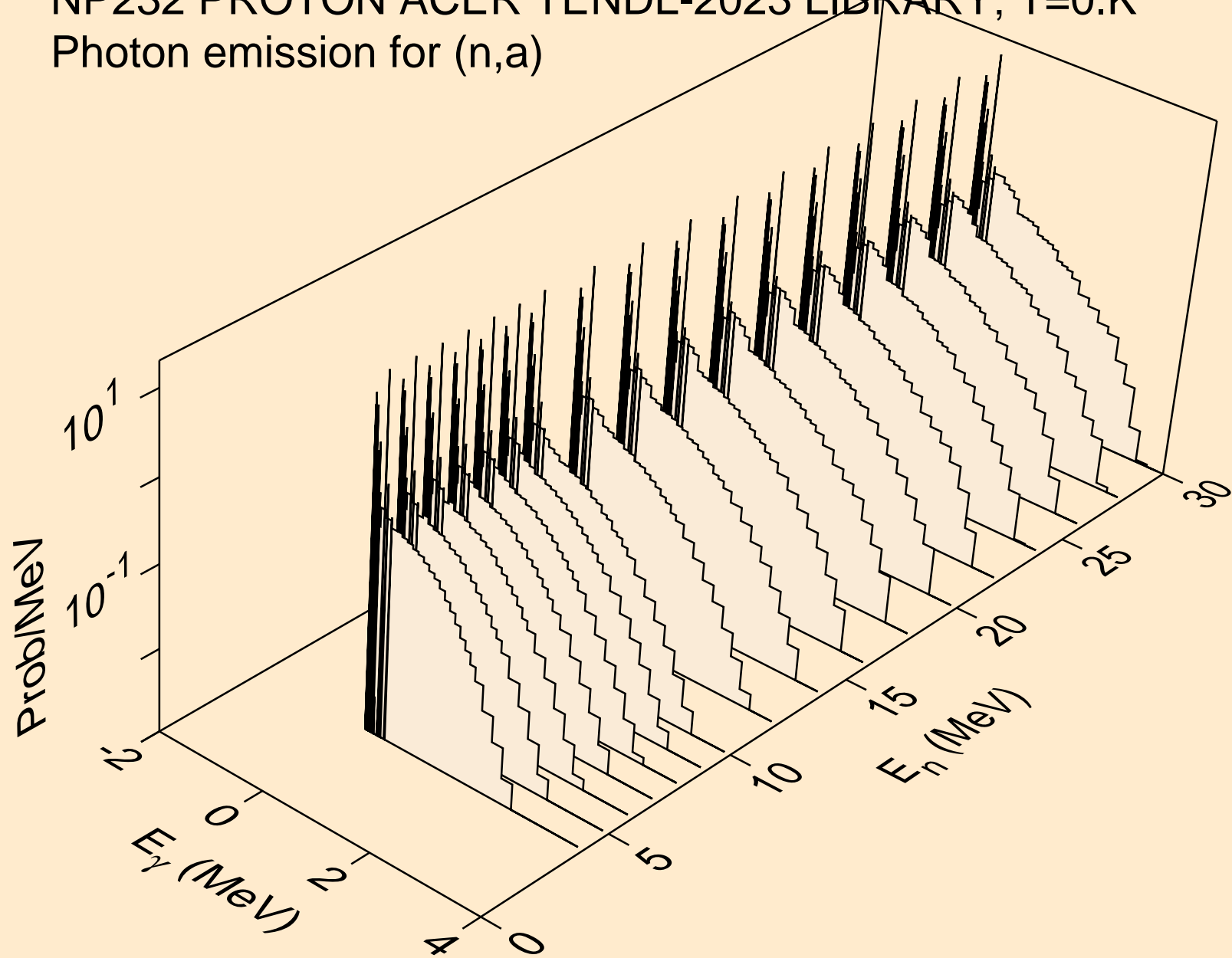
NP232 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



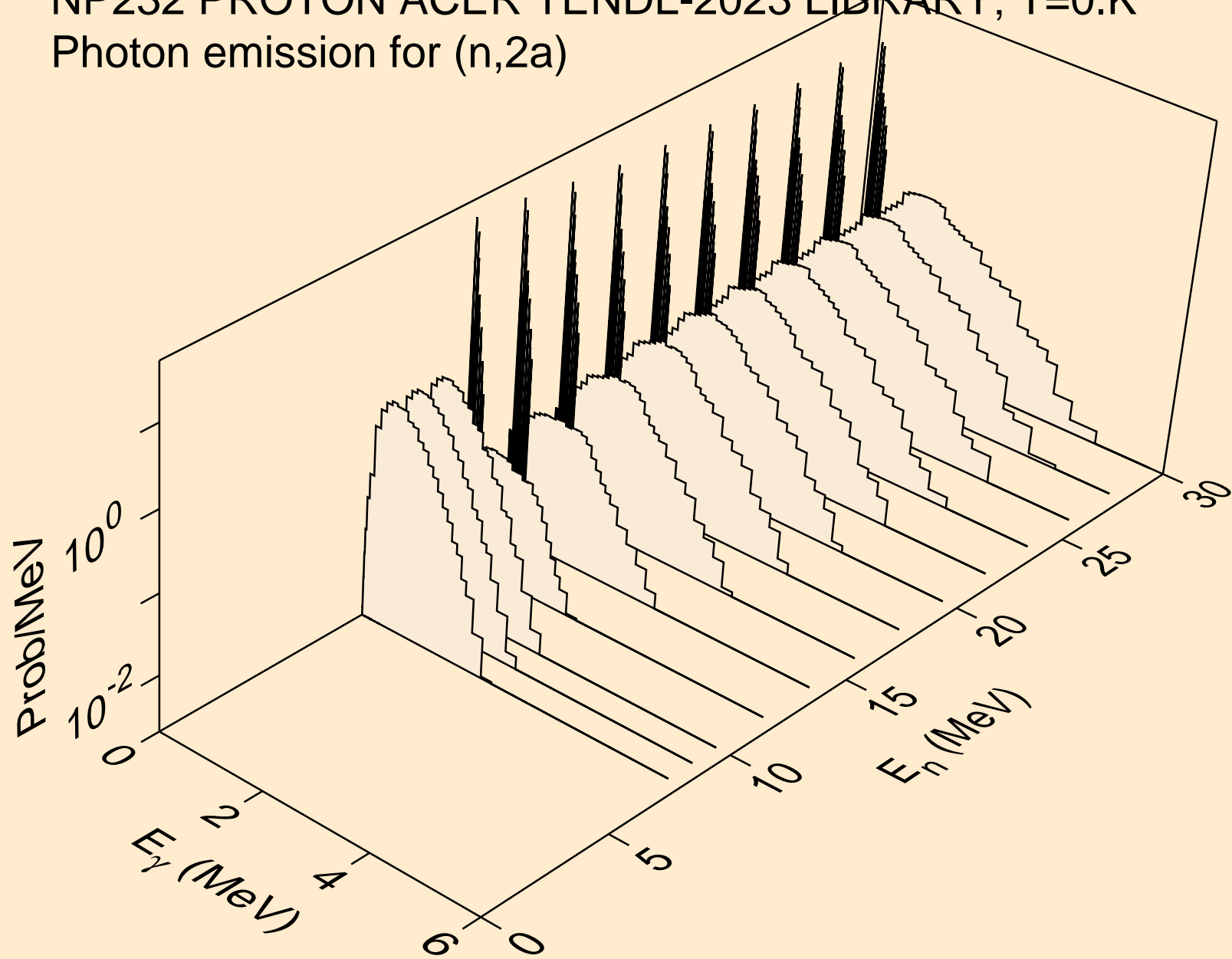
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Photon emission for (n,he3)



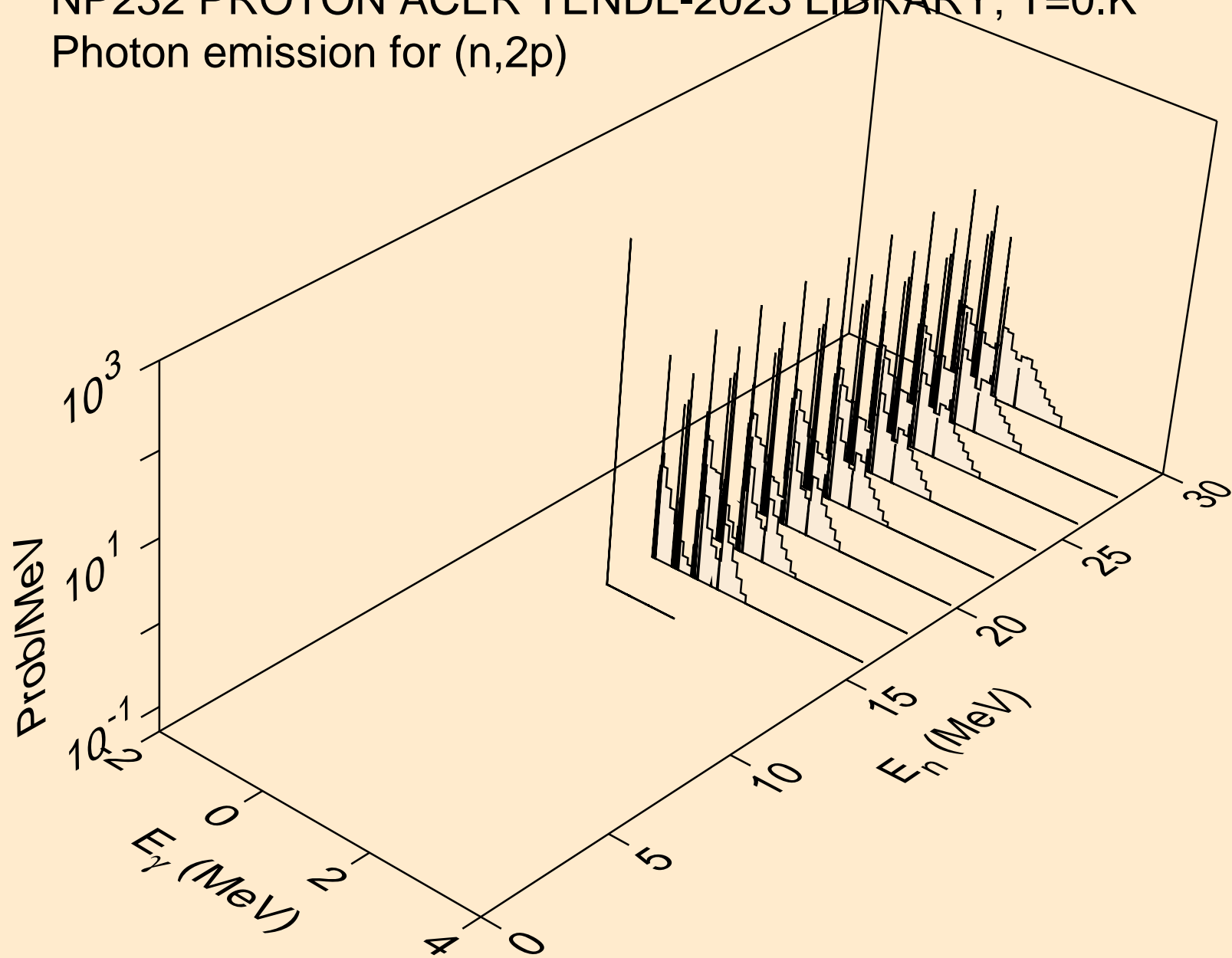
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Photon emission for (n,a)



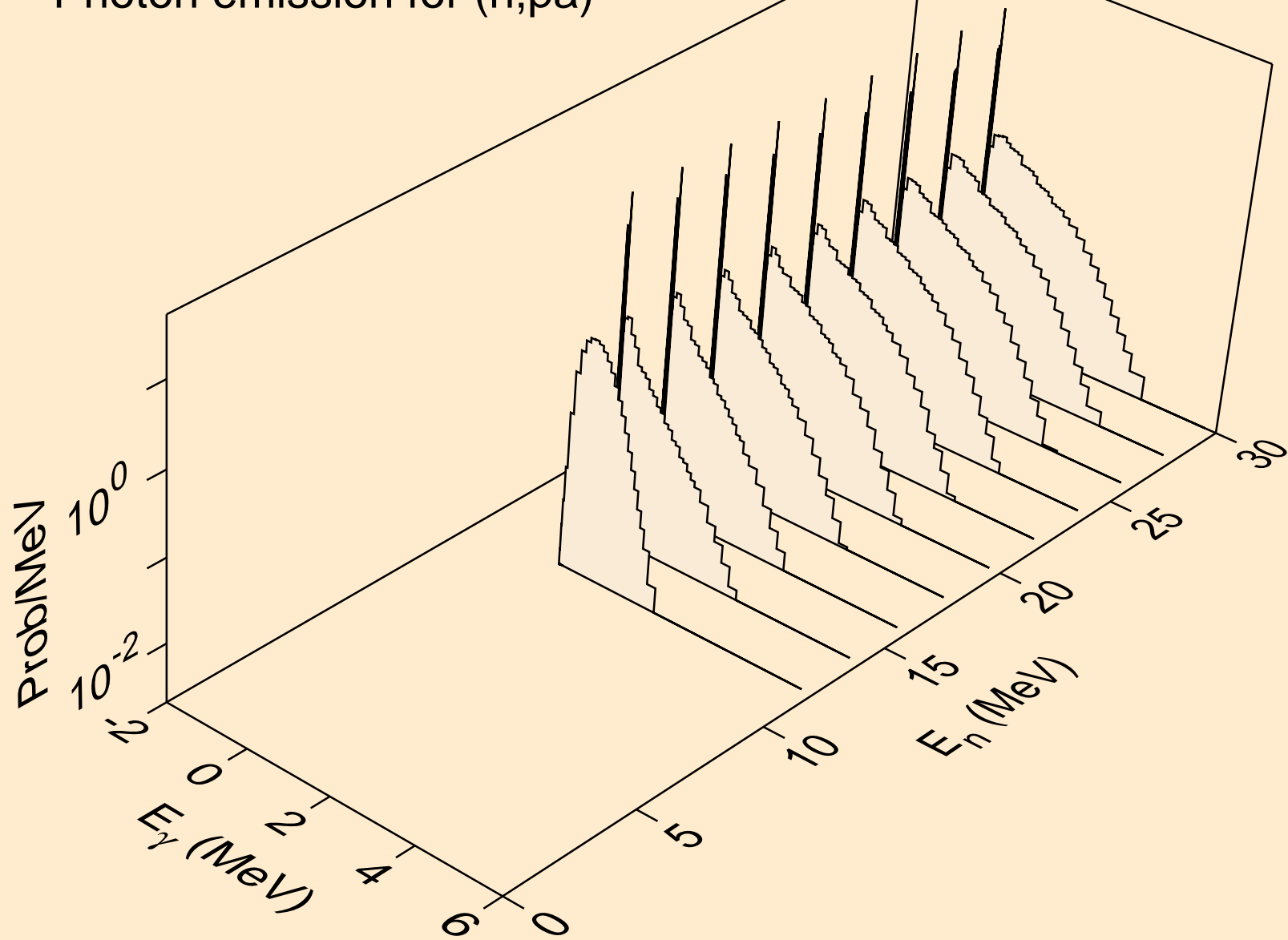
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Photon emission for (n,2a)



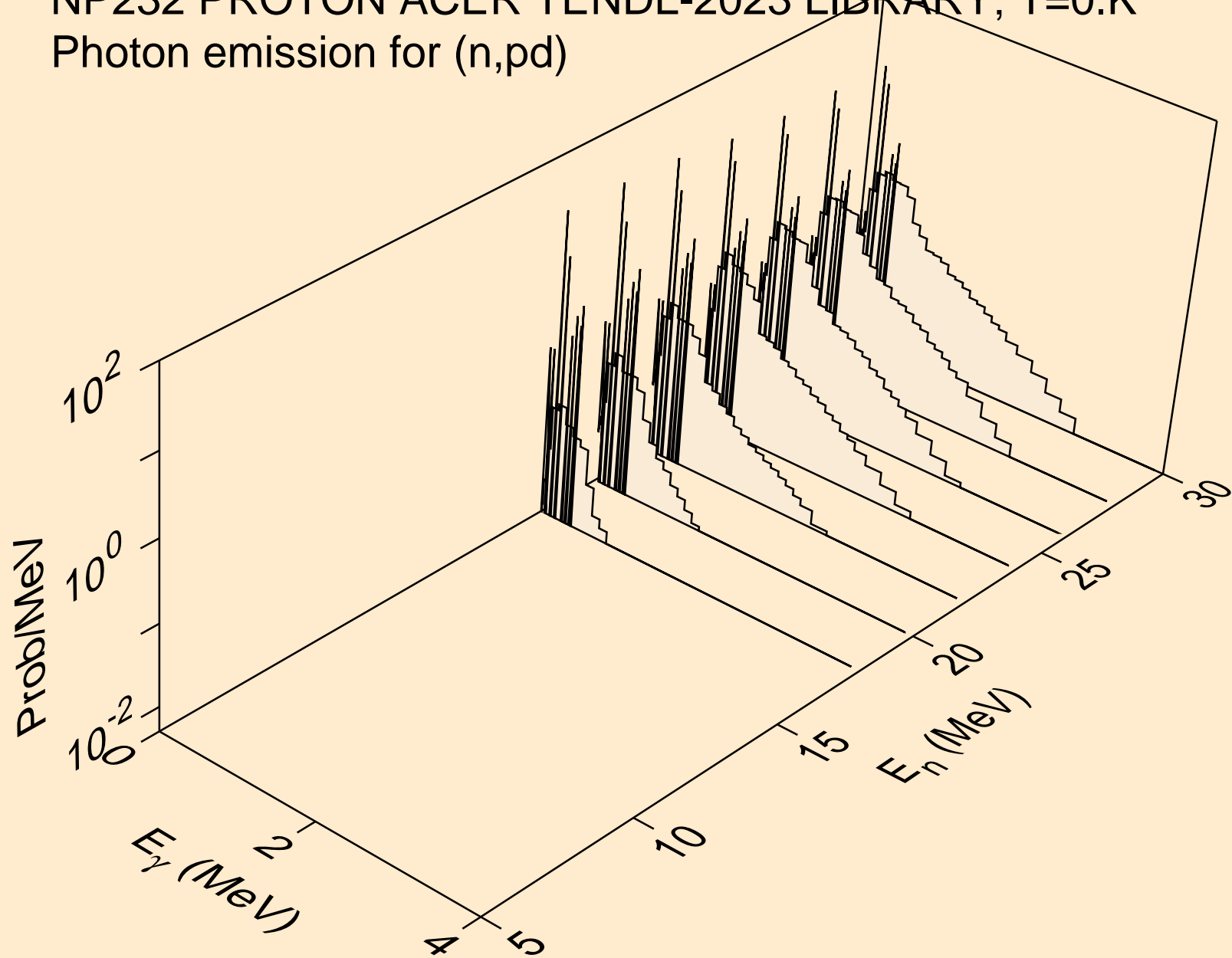
NP232 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



NP232 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)

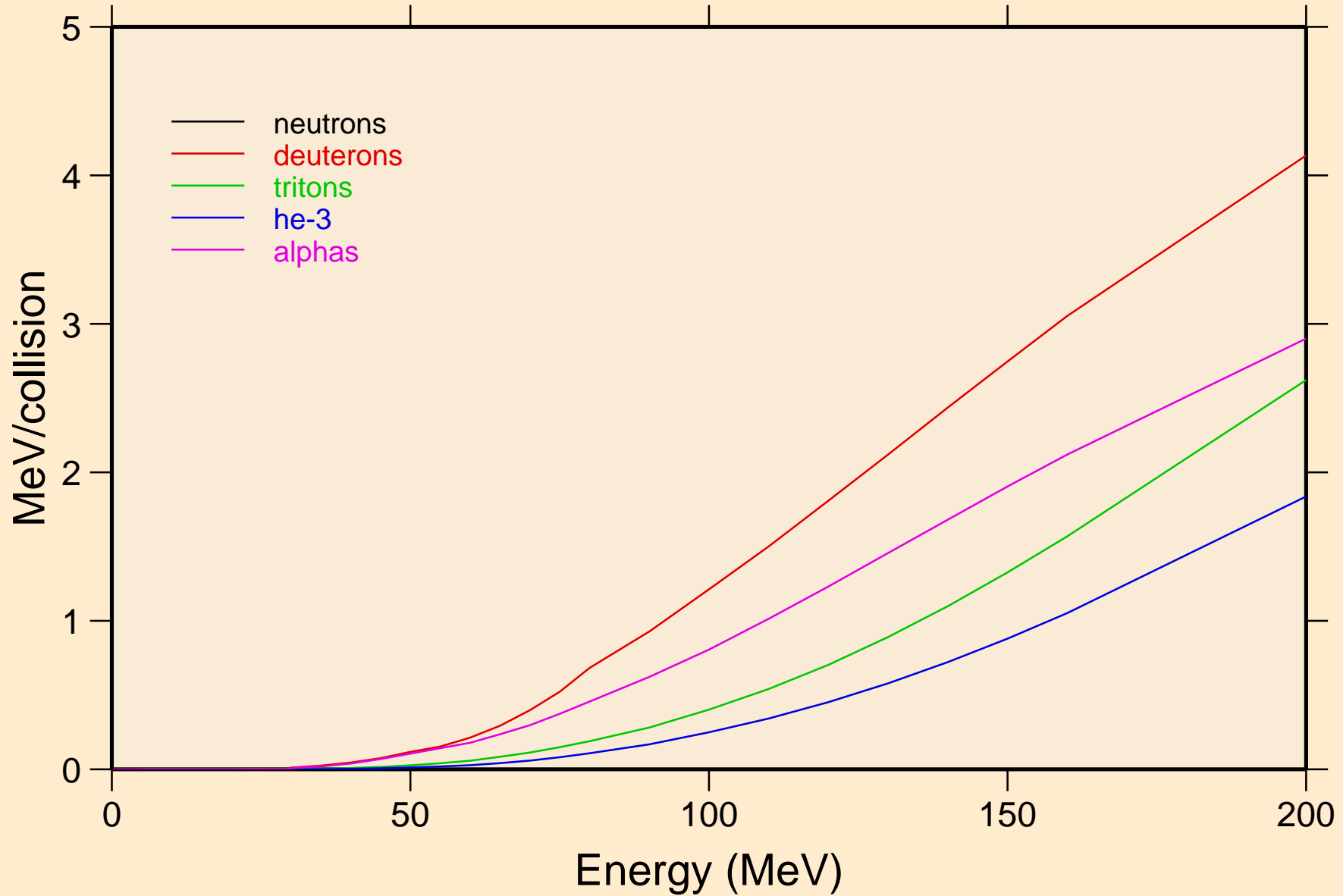


NP232 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)

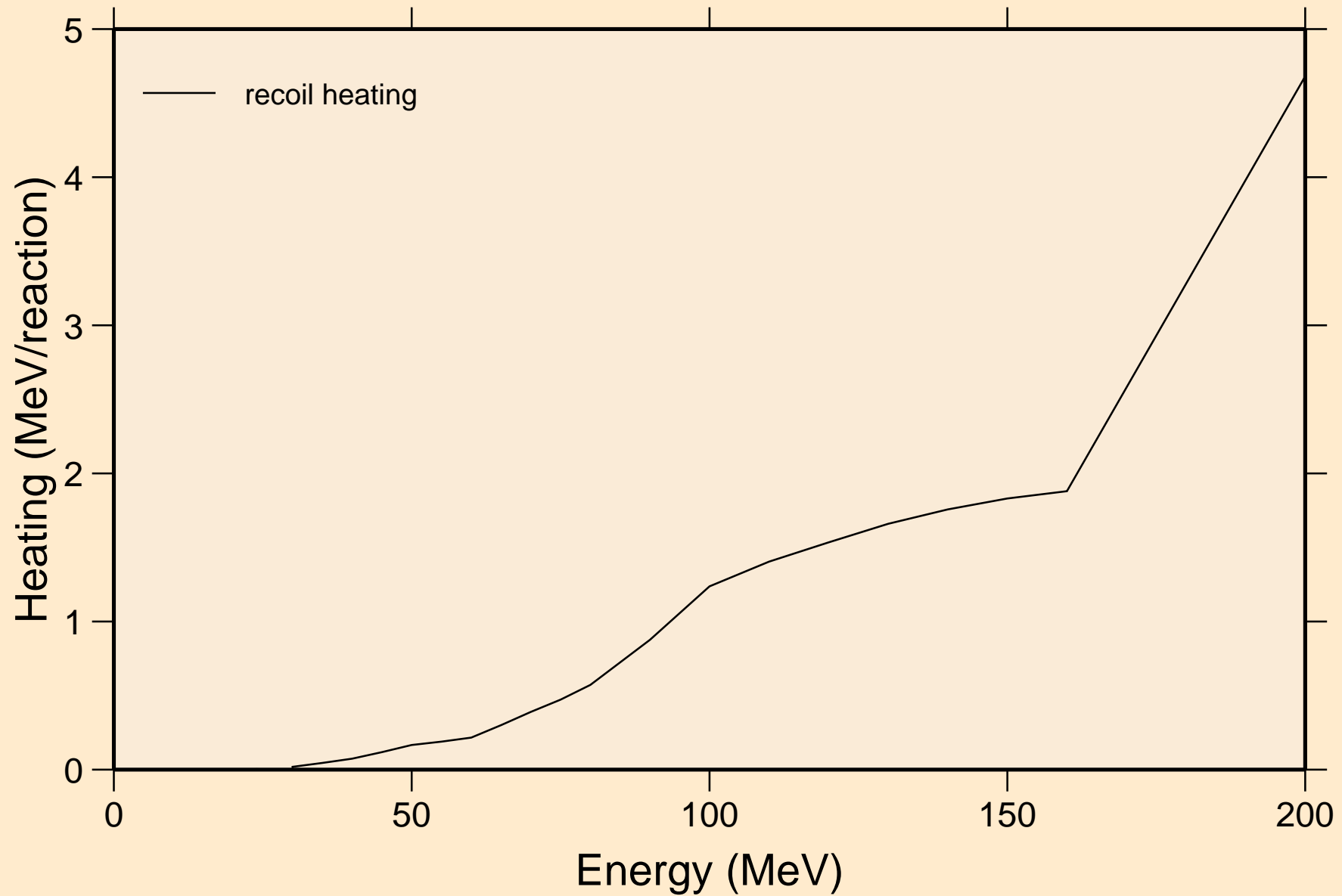




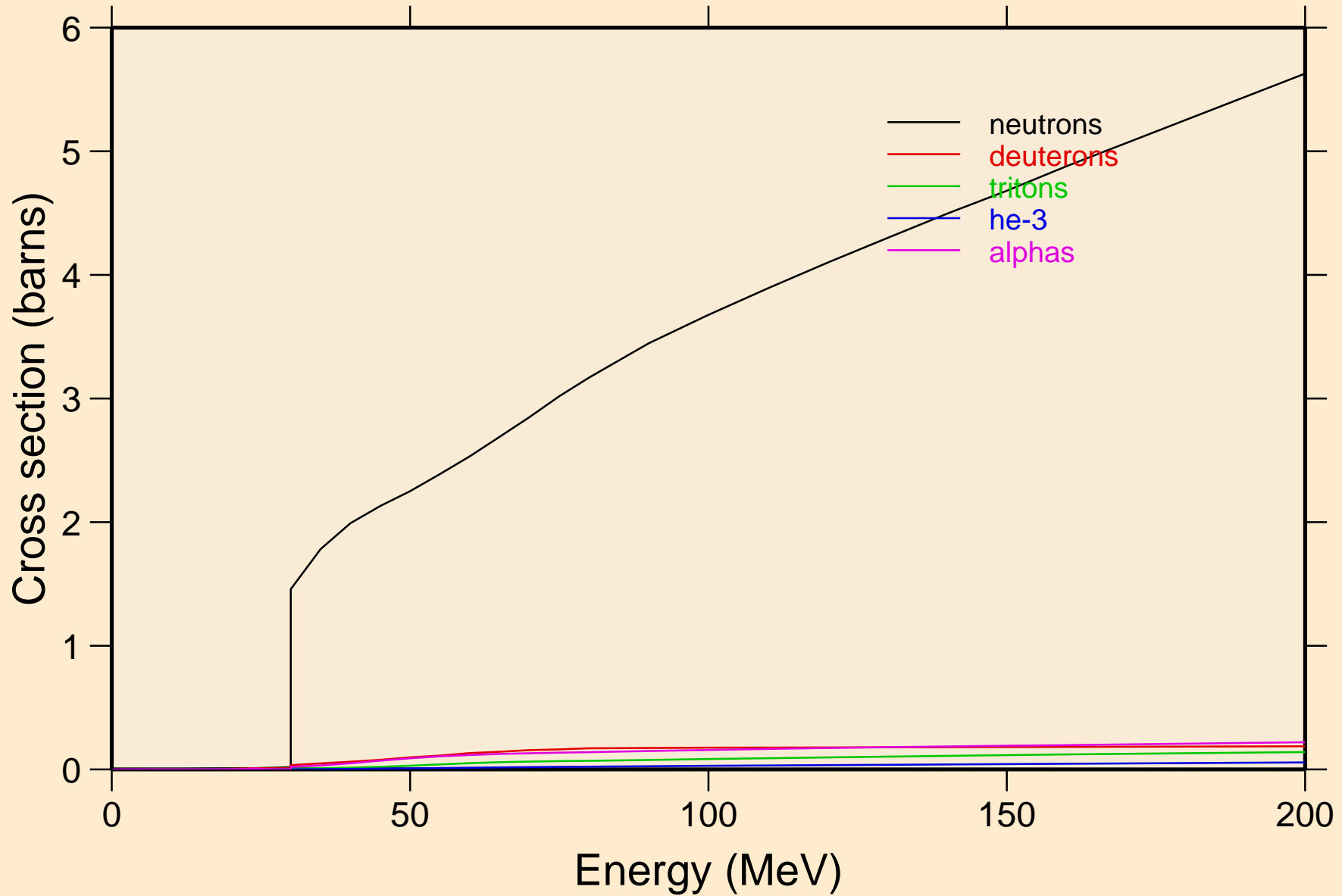
NP232 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



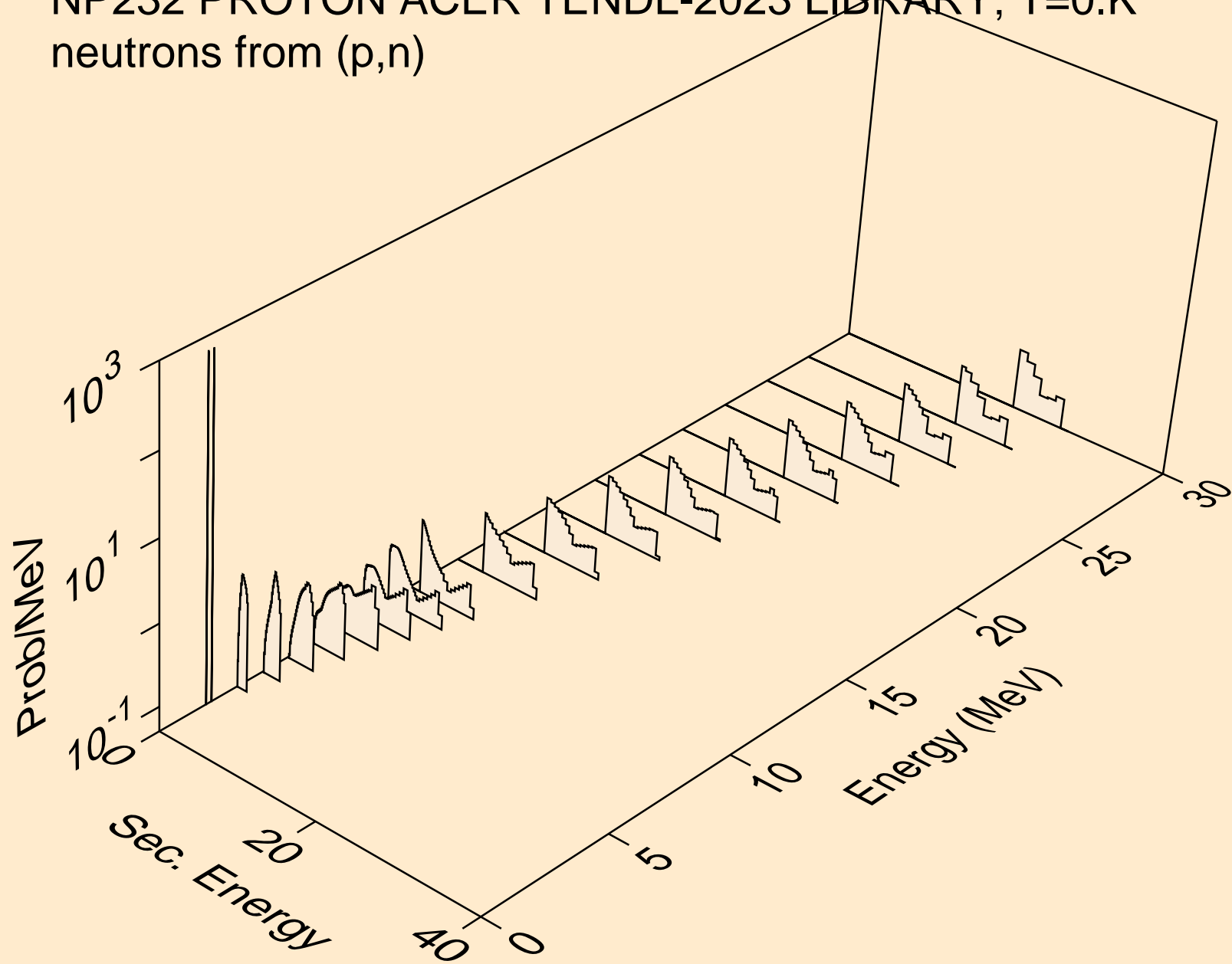
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Recoil Heating



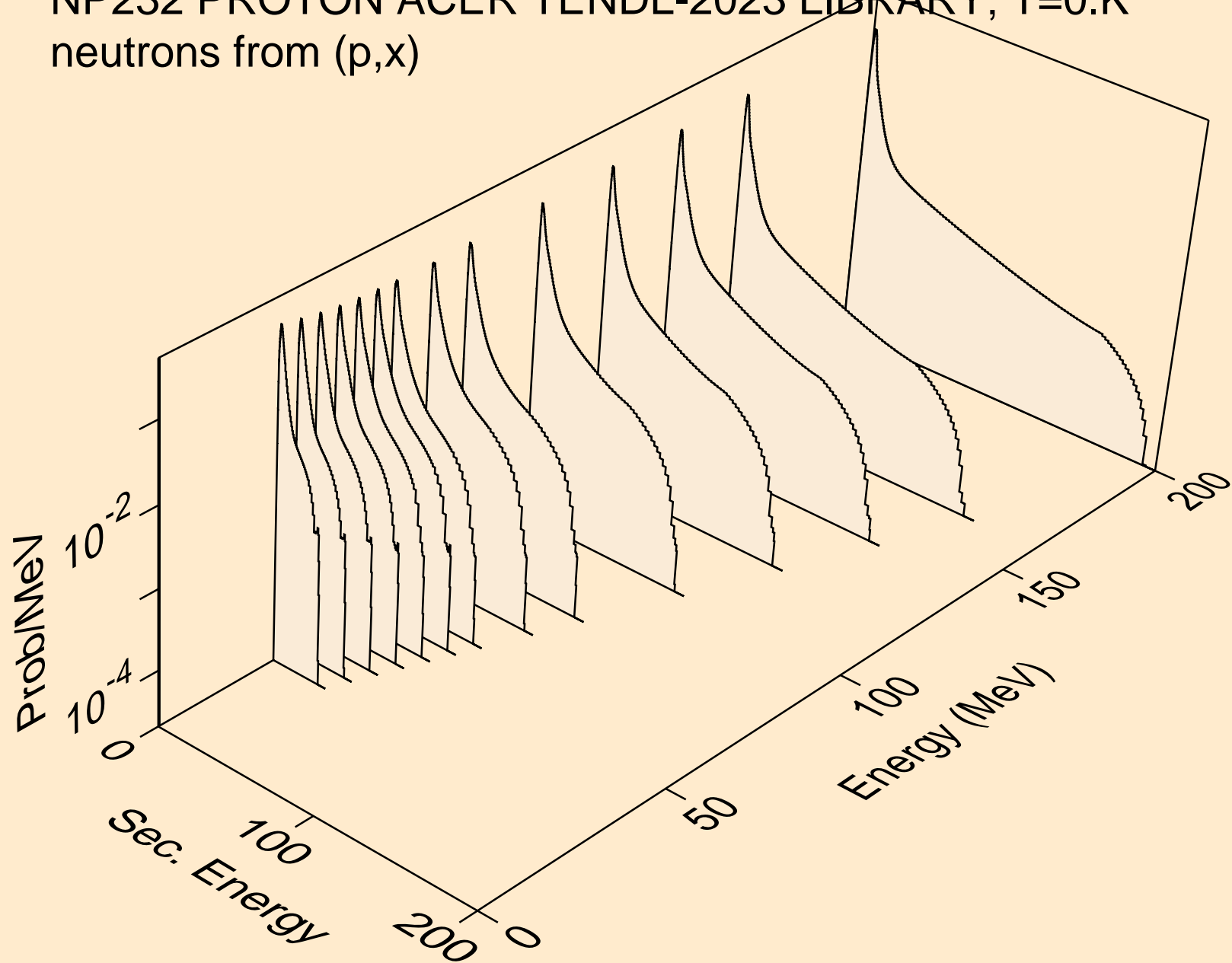
NP232 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



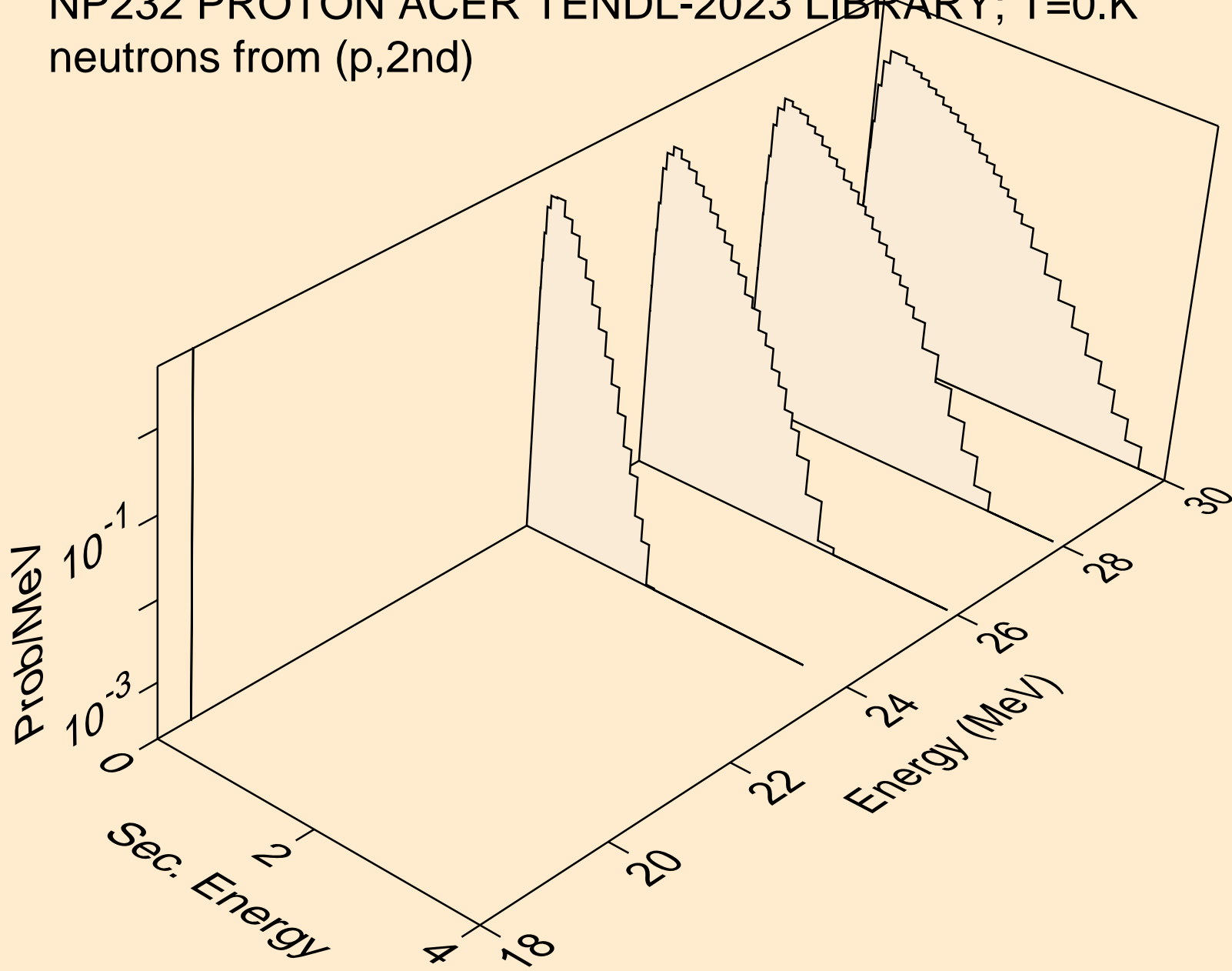
NP232 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)



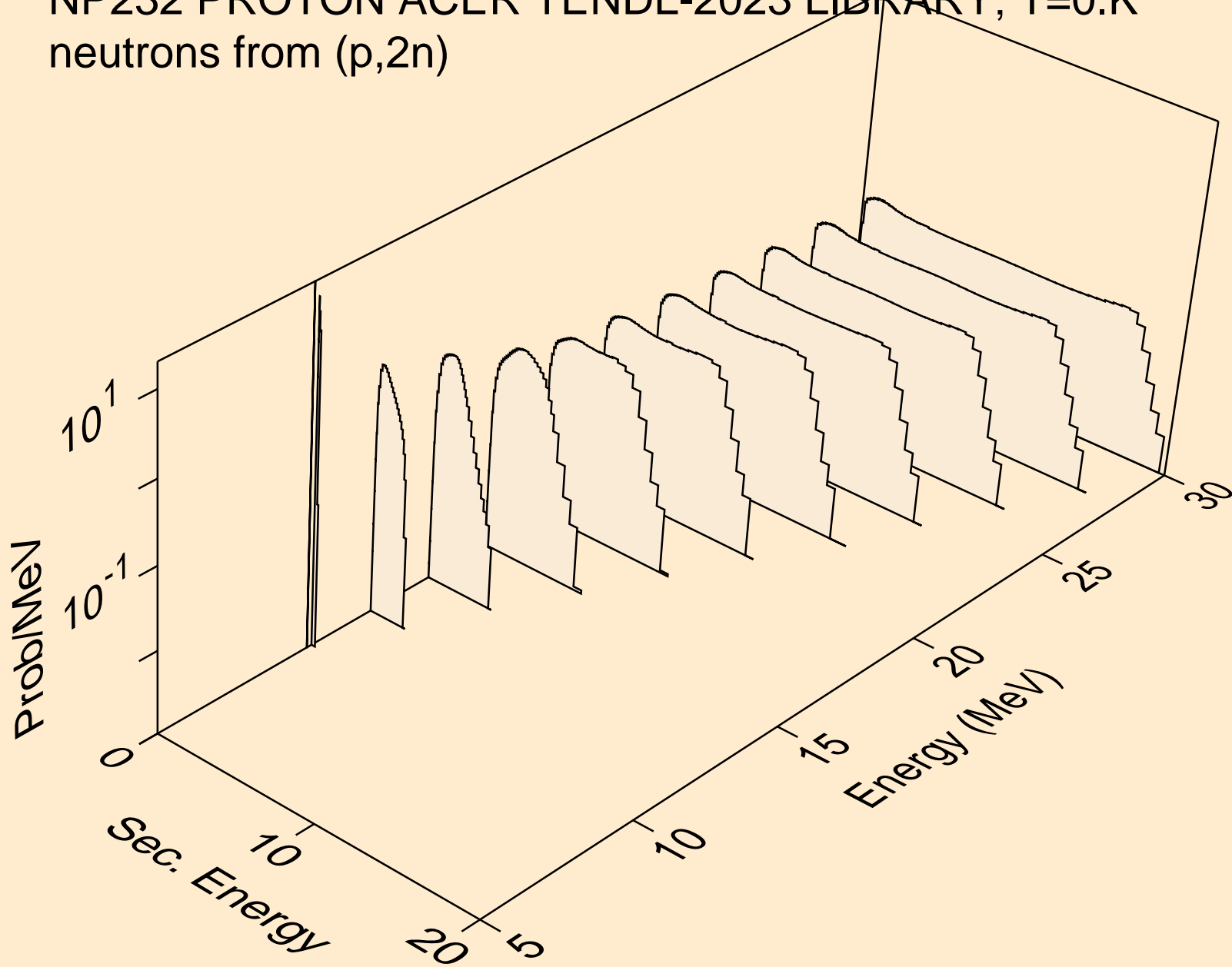
NP232 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)



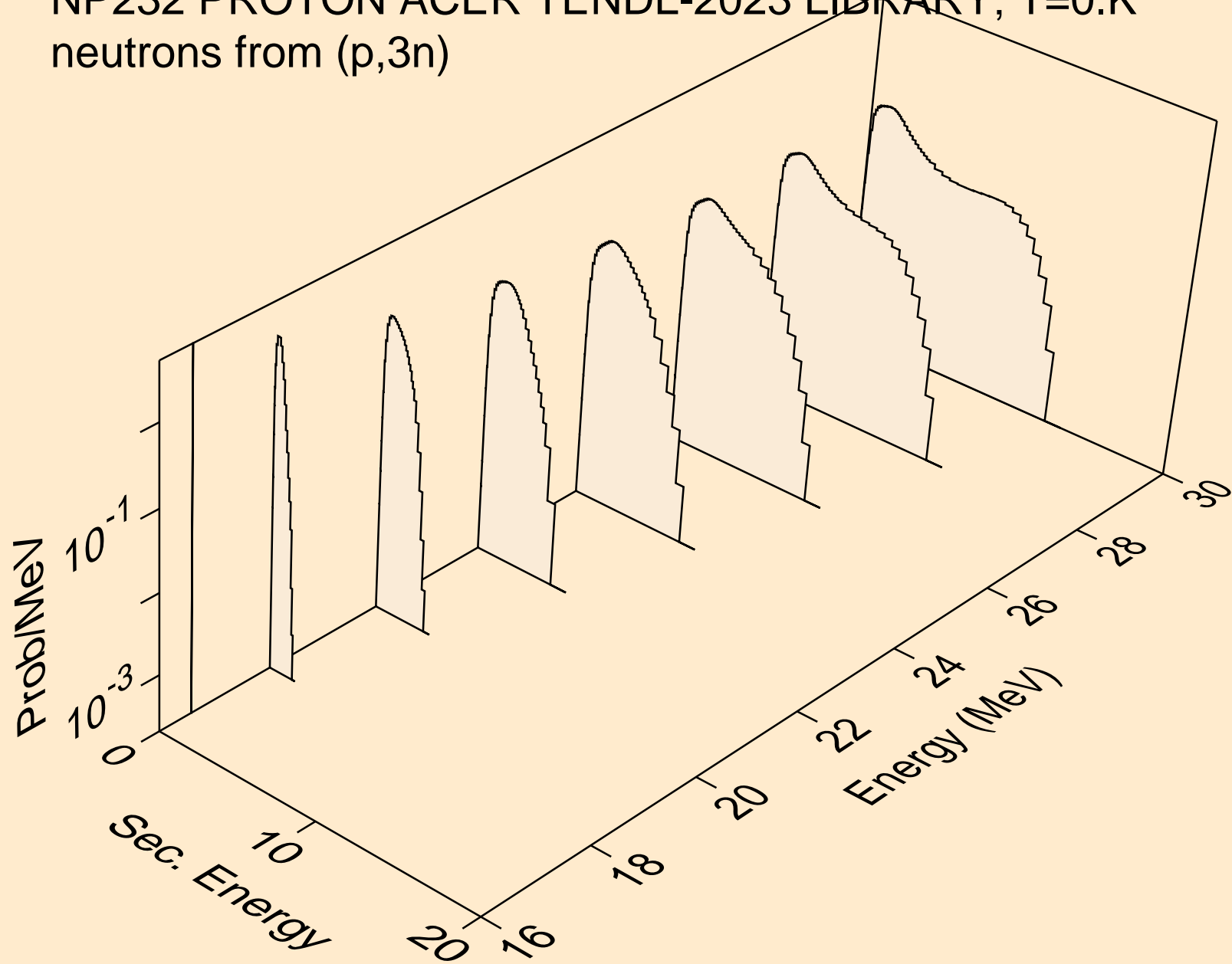
NP232 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2nd)



NP232 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)

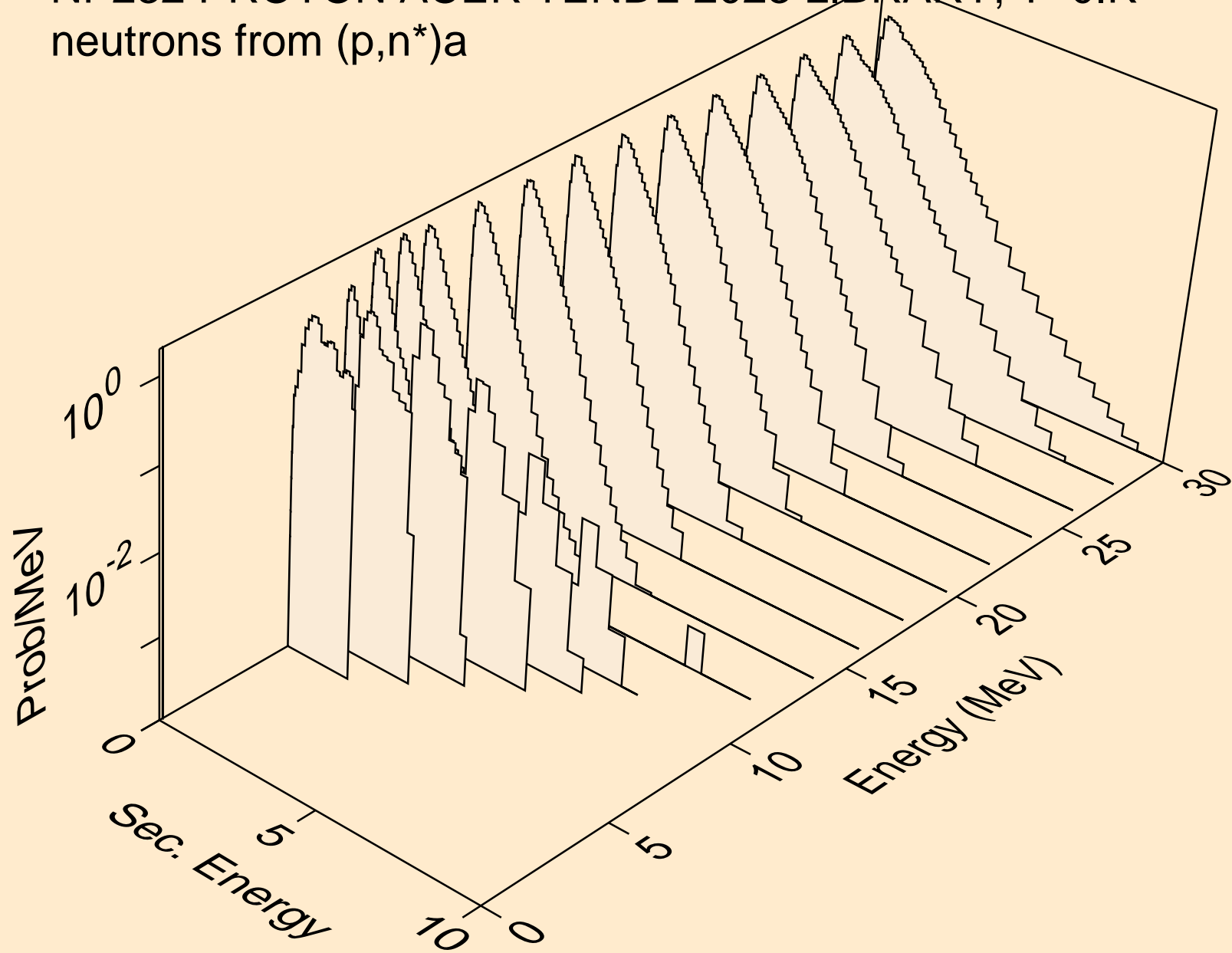


NP232 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)

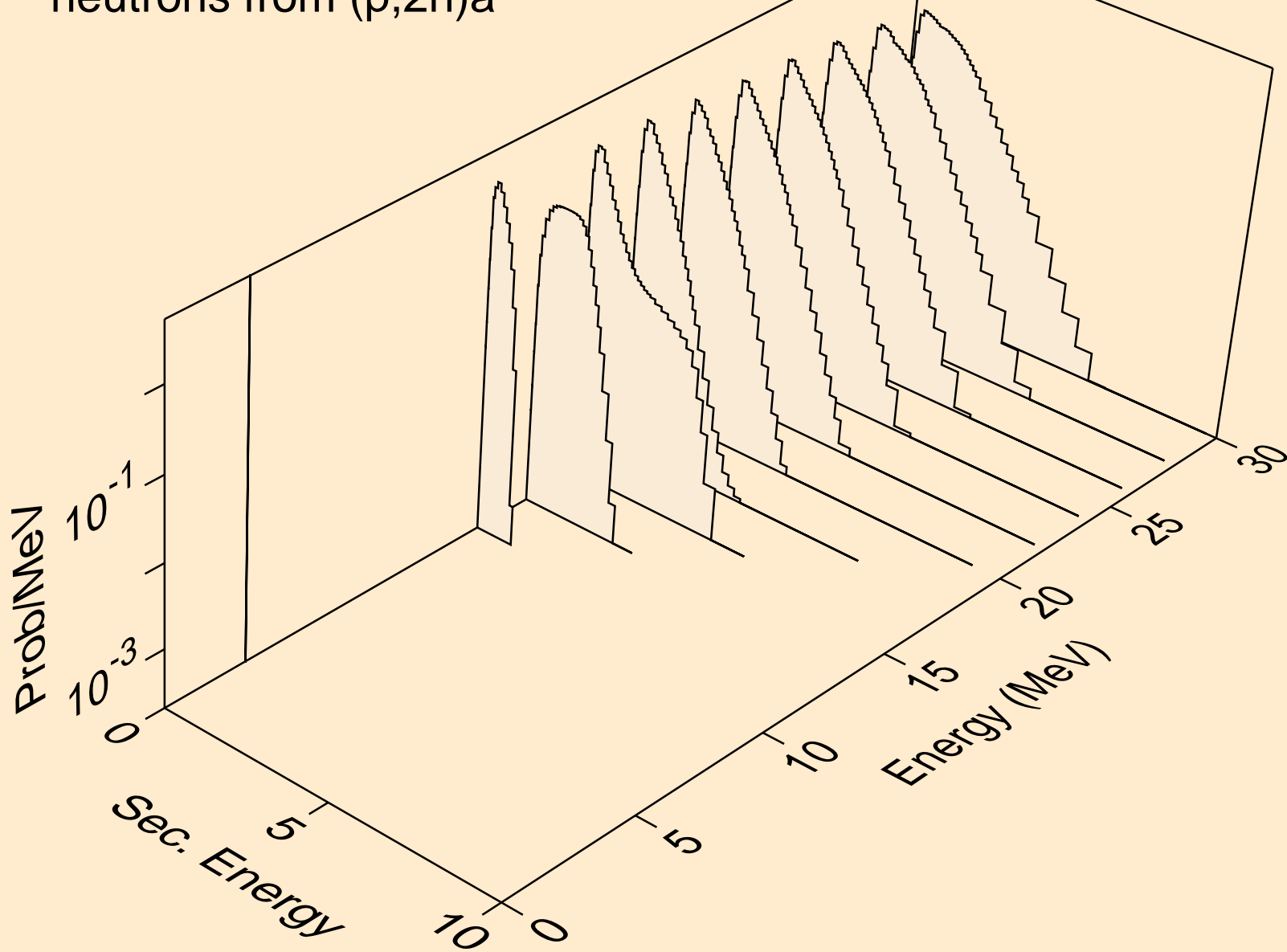




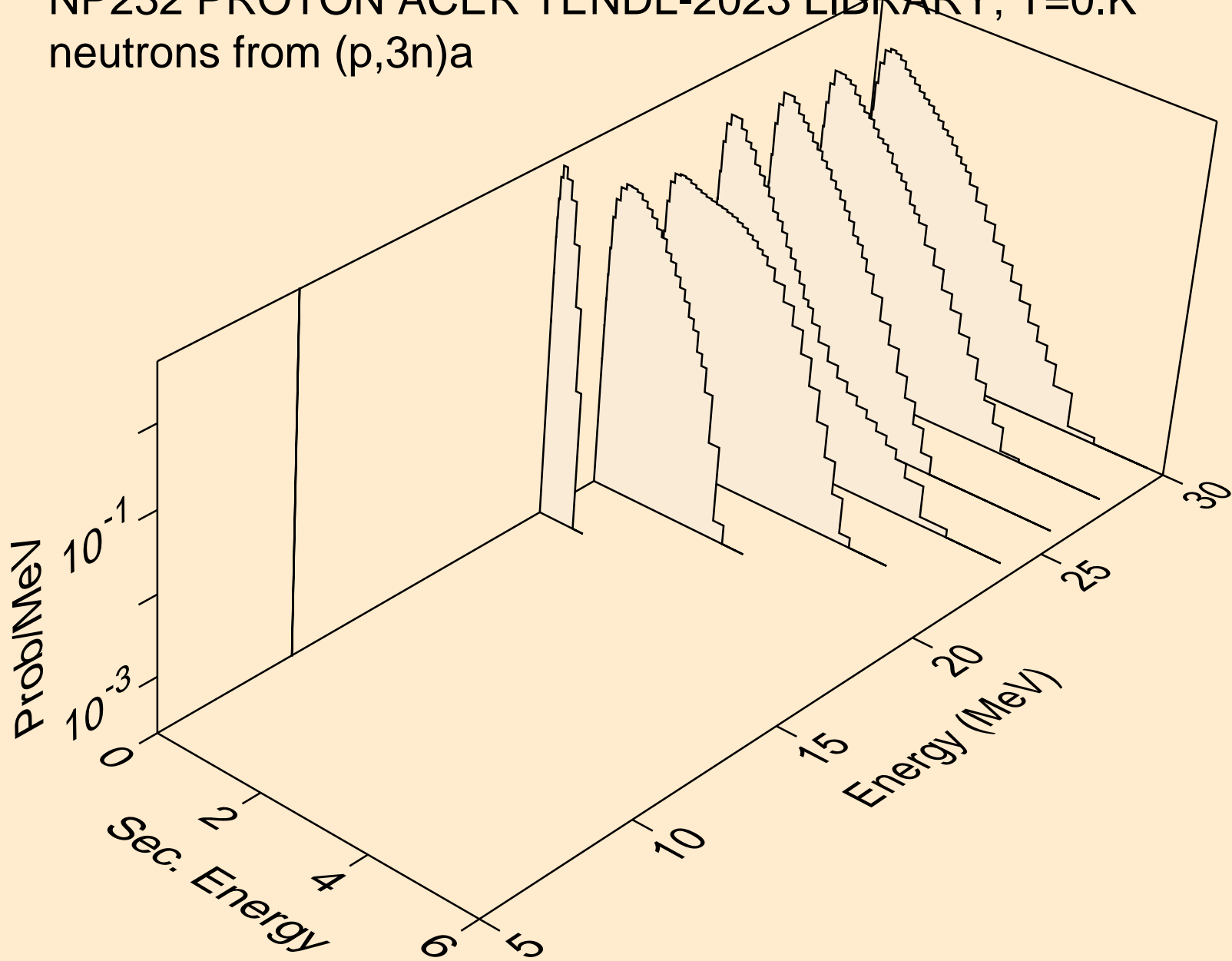
NP232 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a



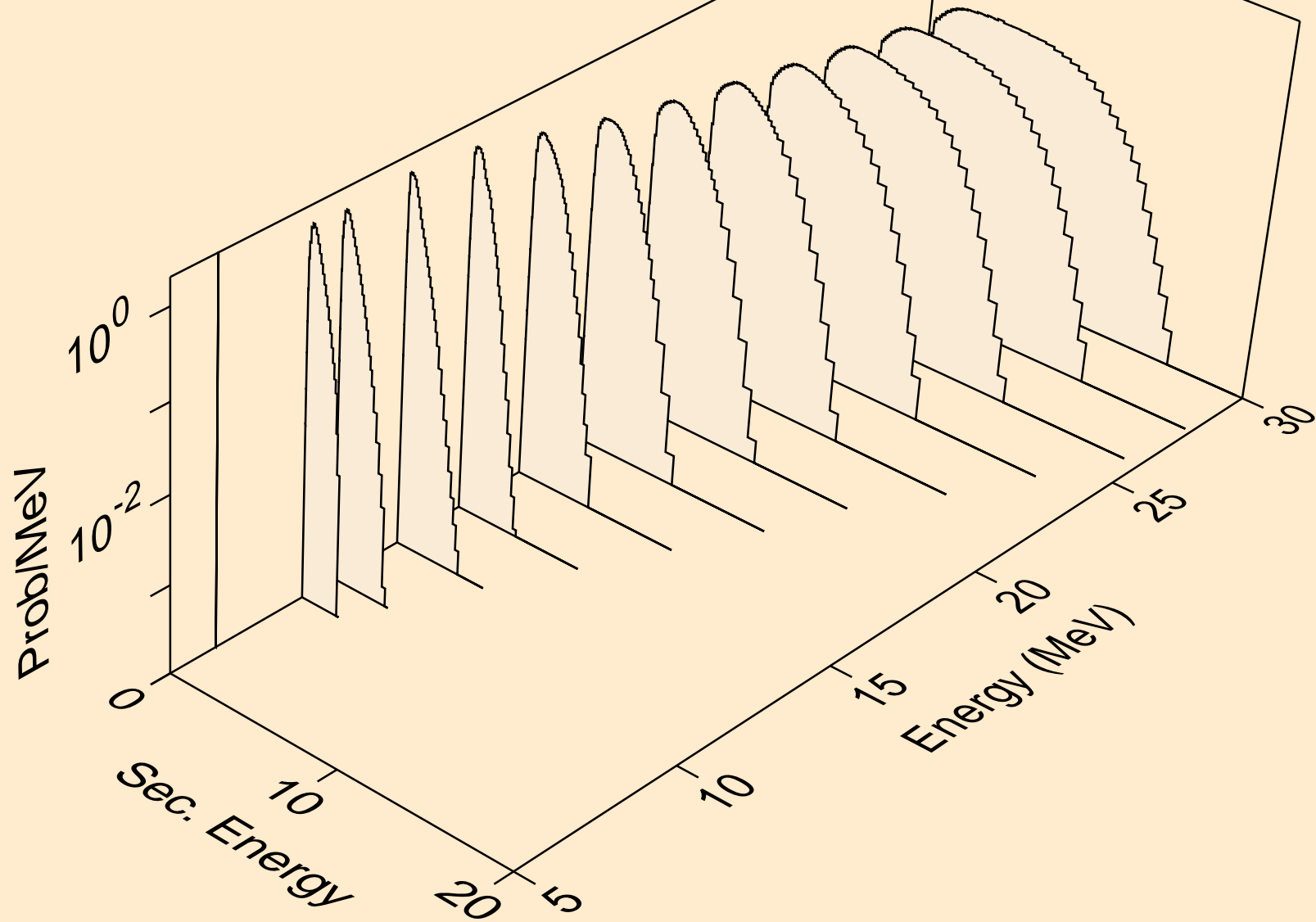
NP232 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)a



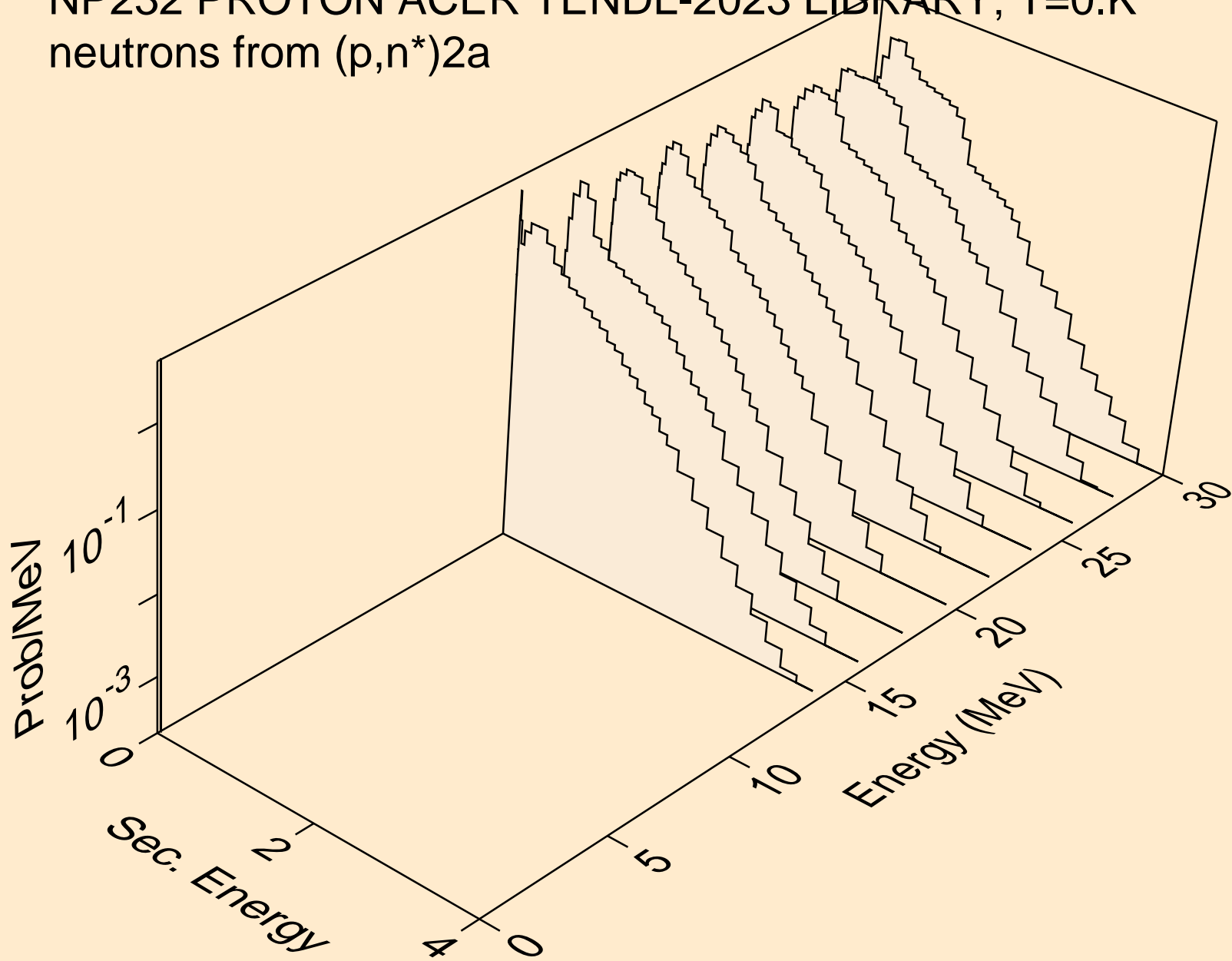
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neutrons from (p,3n)a



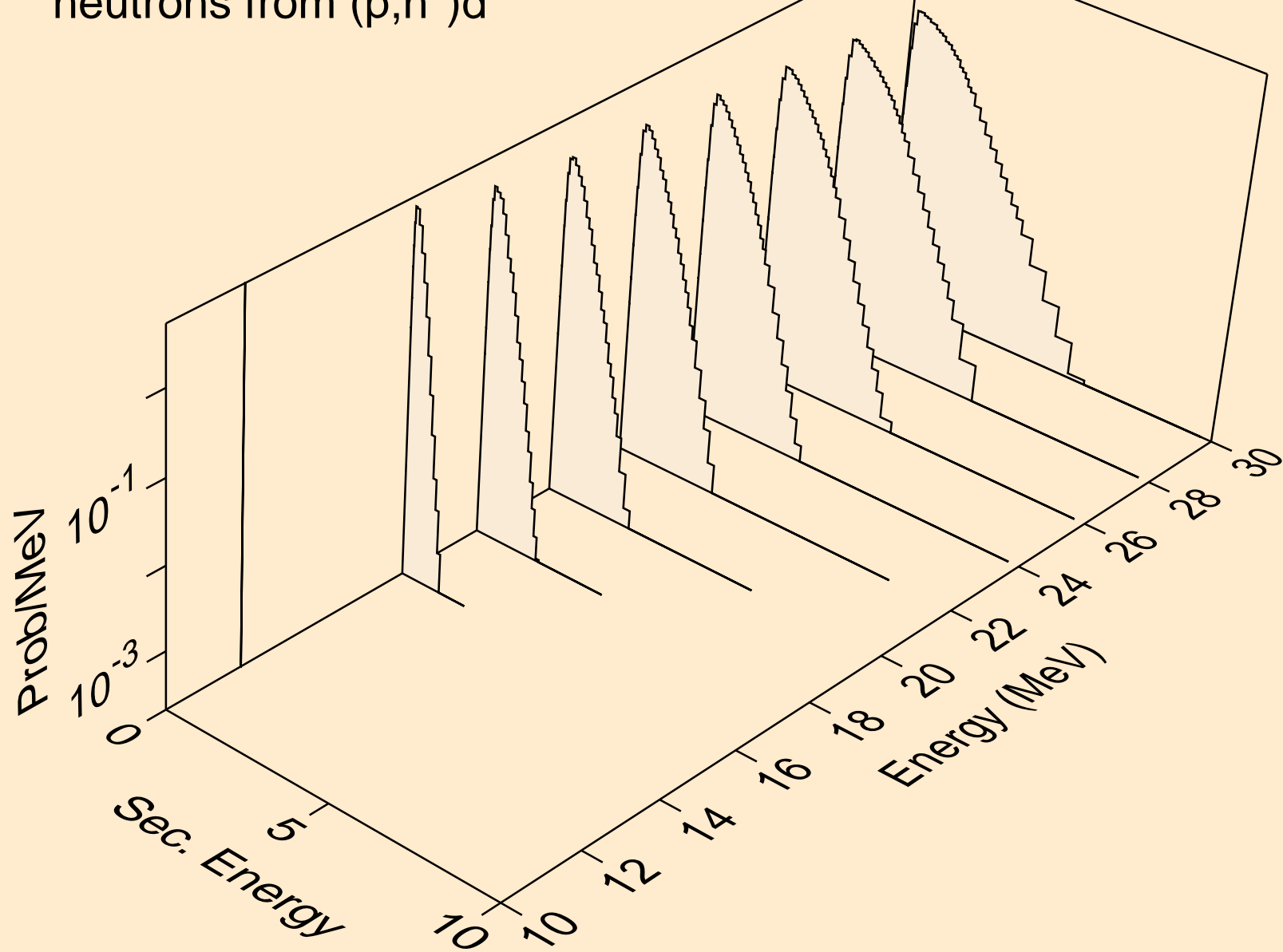
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neutrons from (p,n\*)p



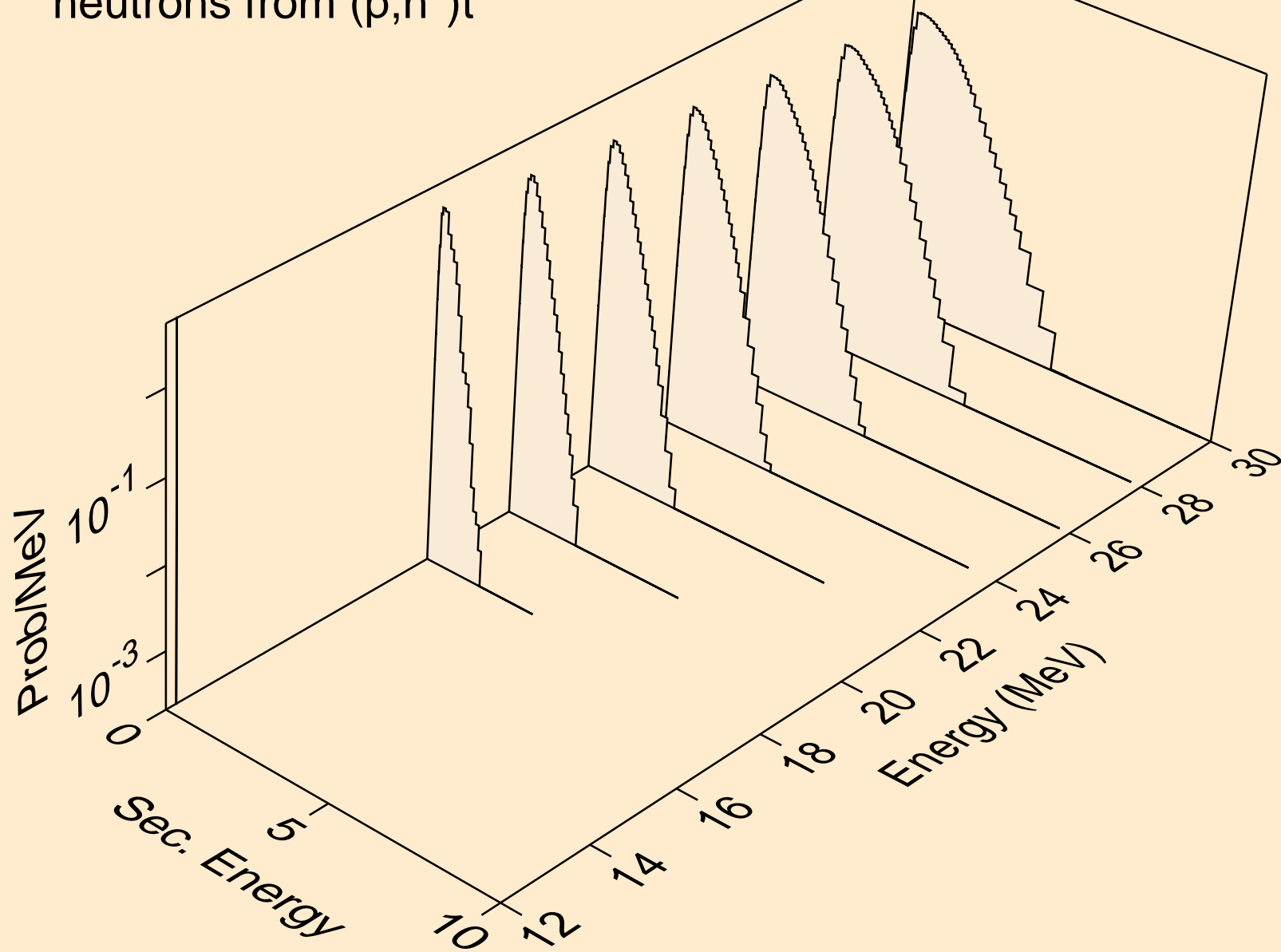
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neutrons from (p,n\*)2a



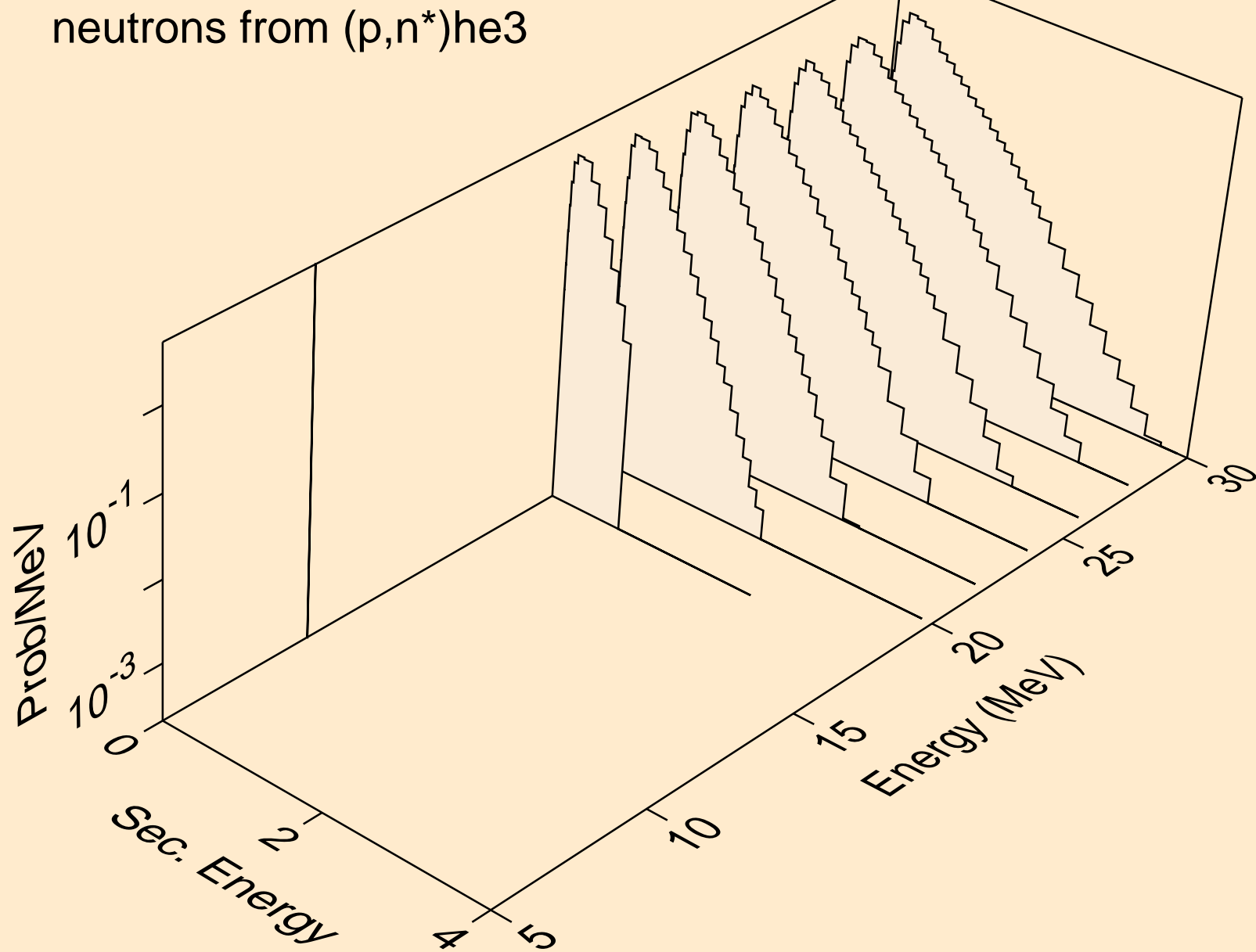
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neutrons from (p,n\*)d



NP232 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)t

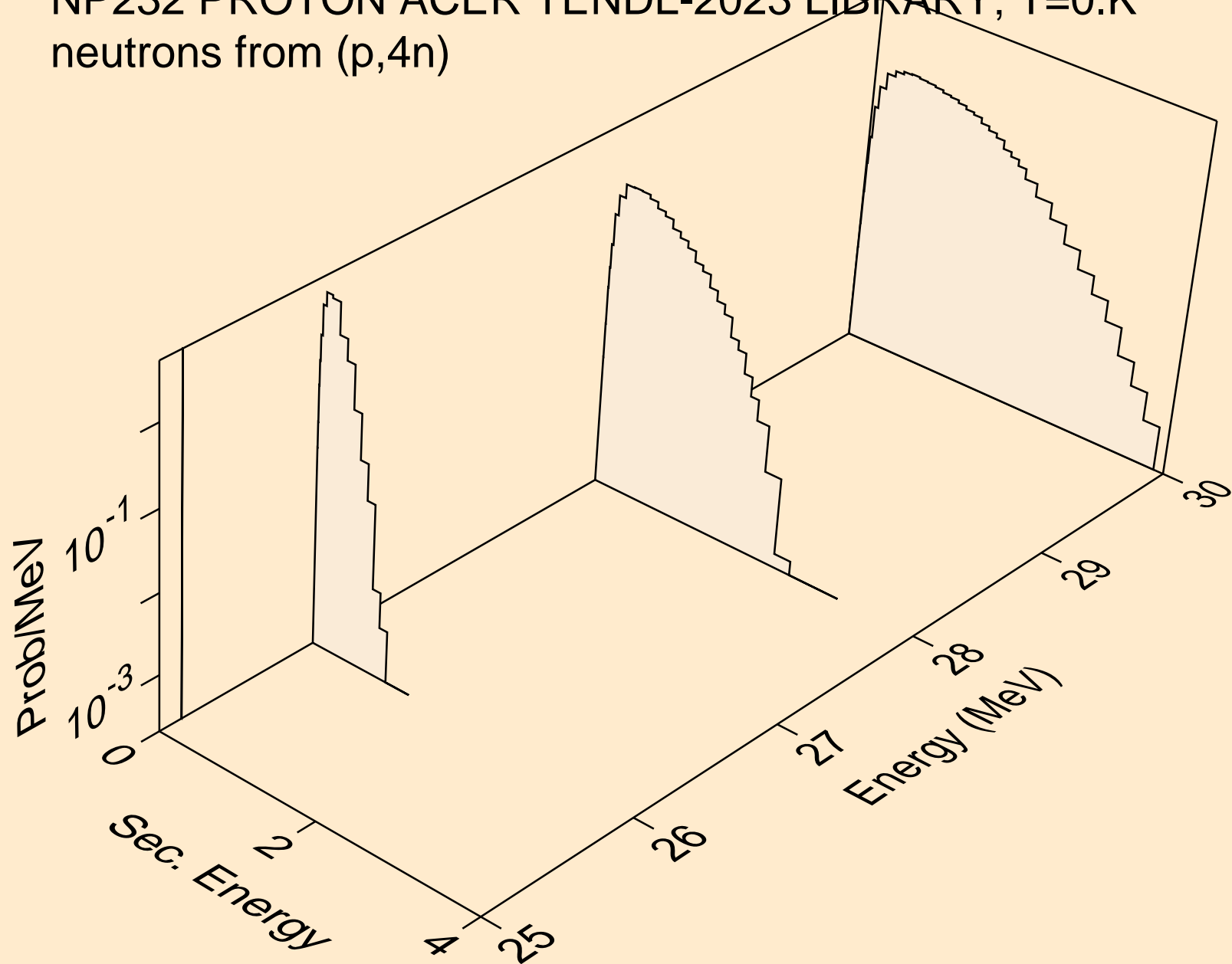


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neutrons from (p,n\*)he3

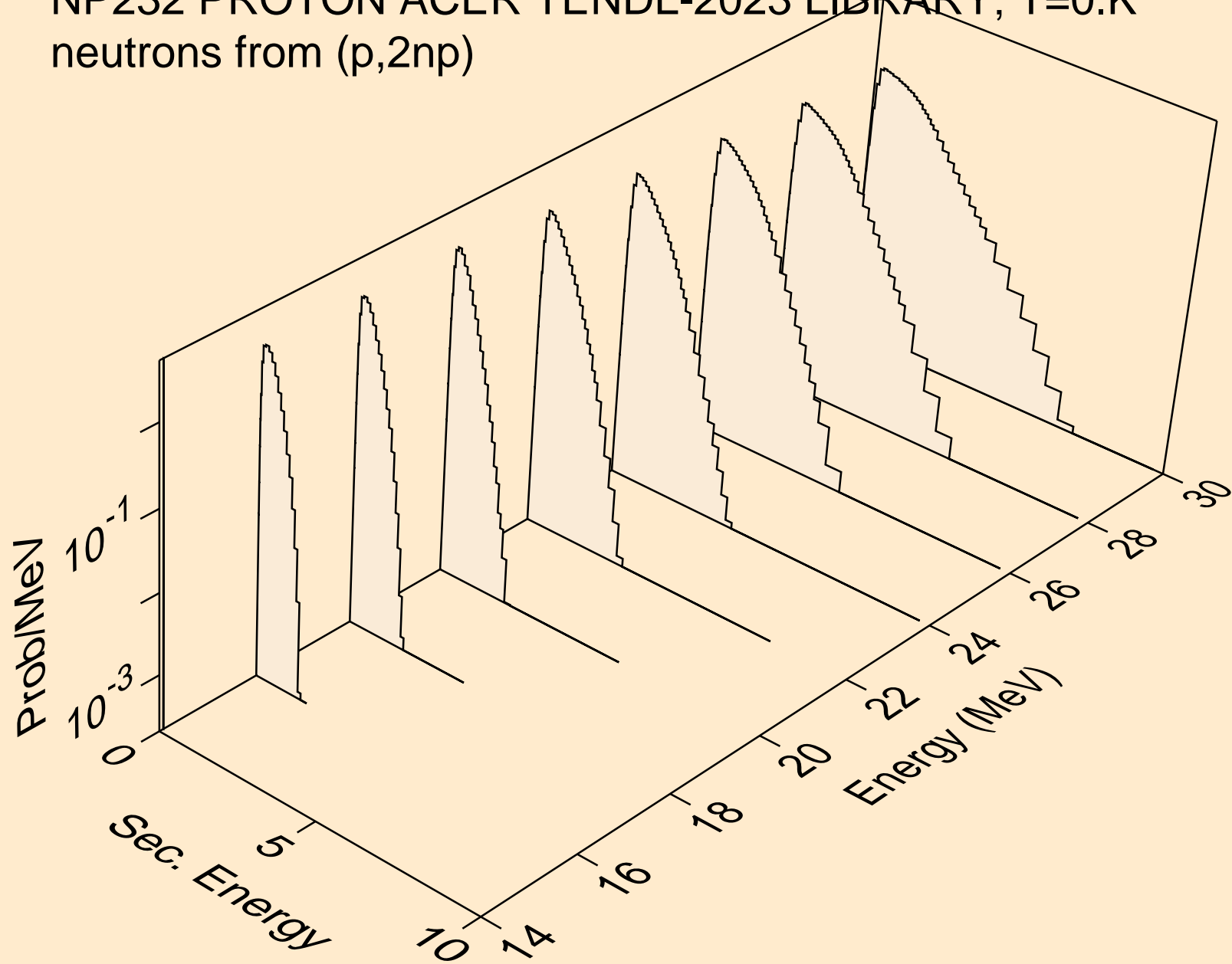




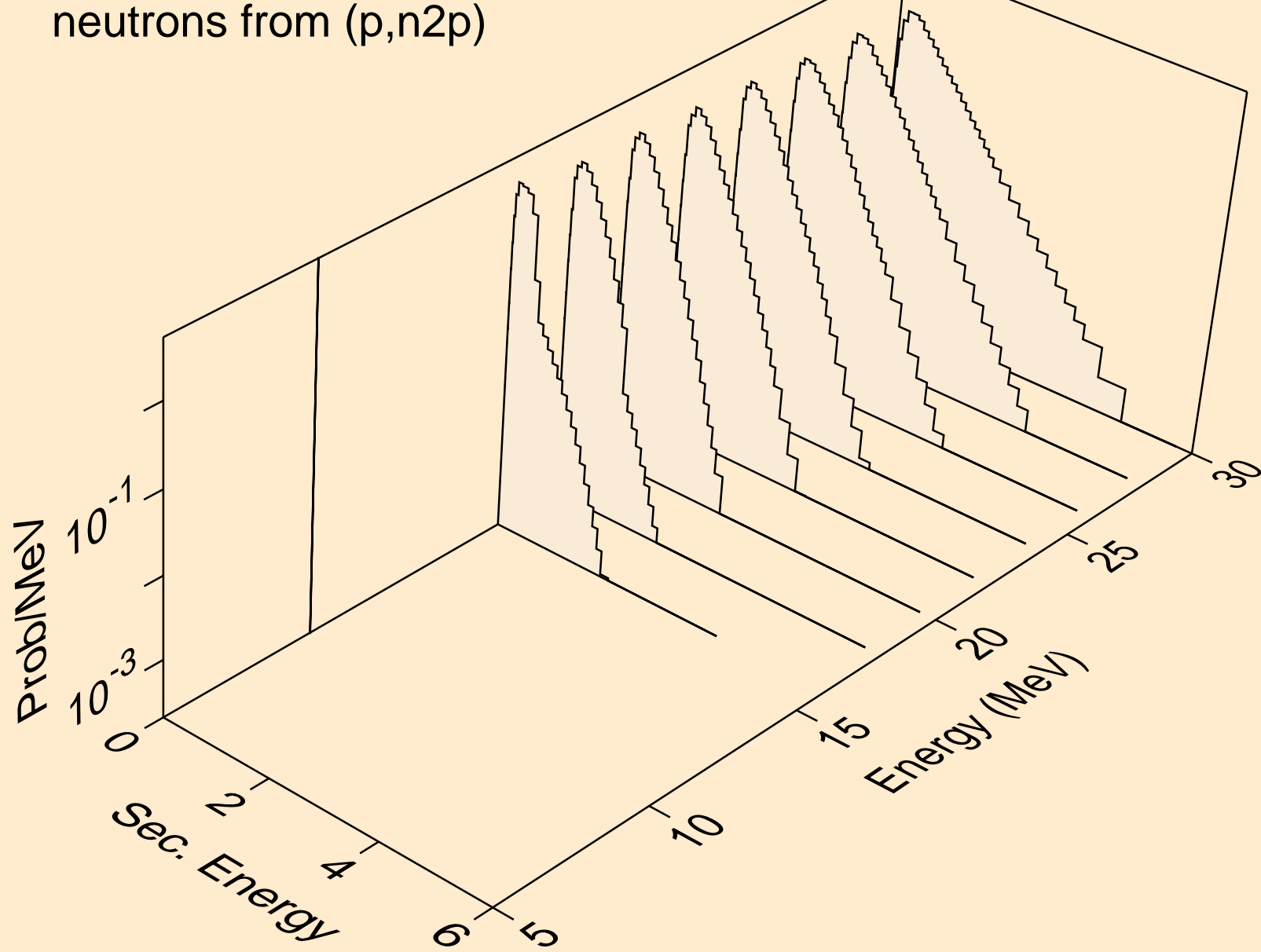
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neutrons from (p,4n)



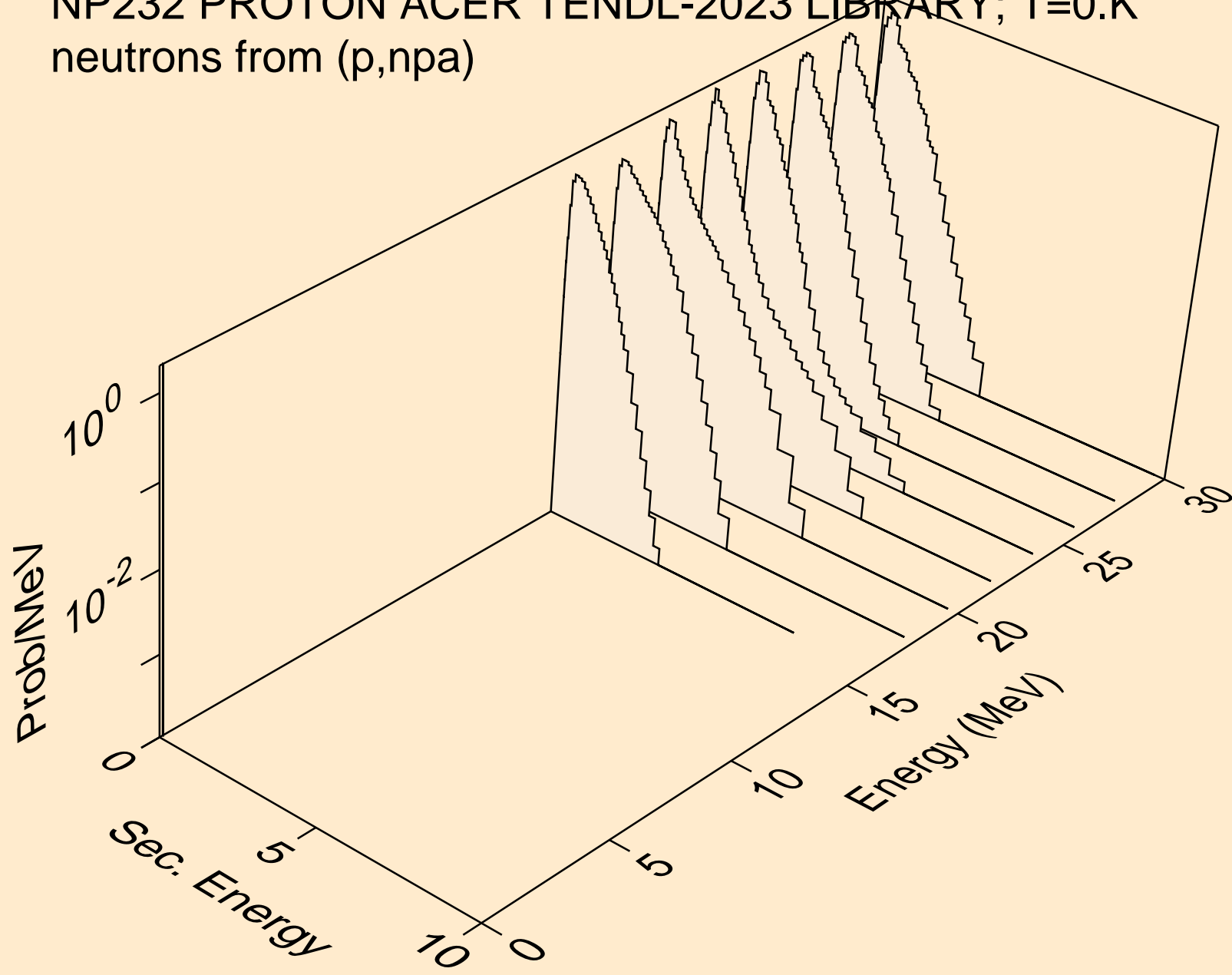
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neutrons from (p,2np)



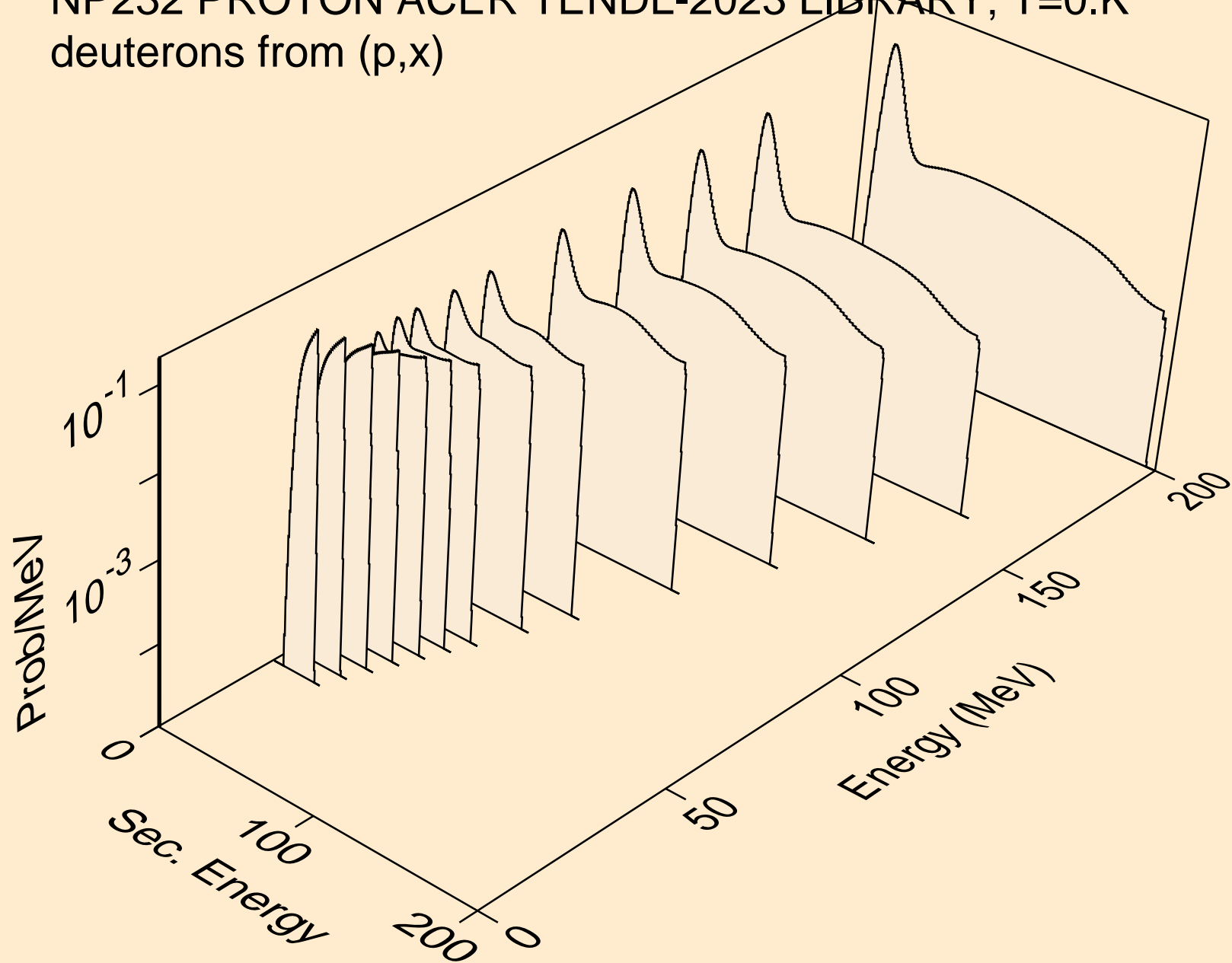
NP232 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n2p)



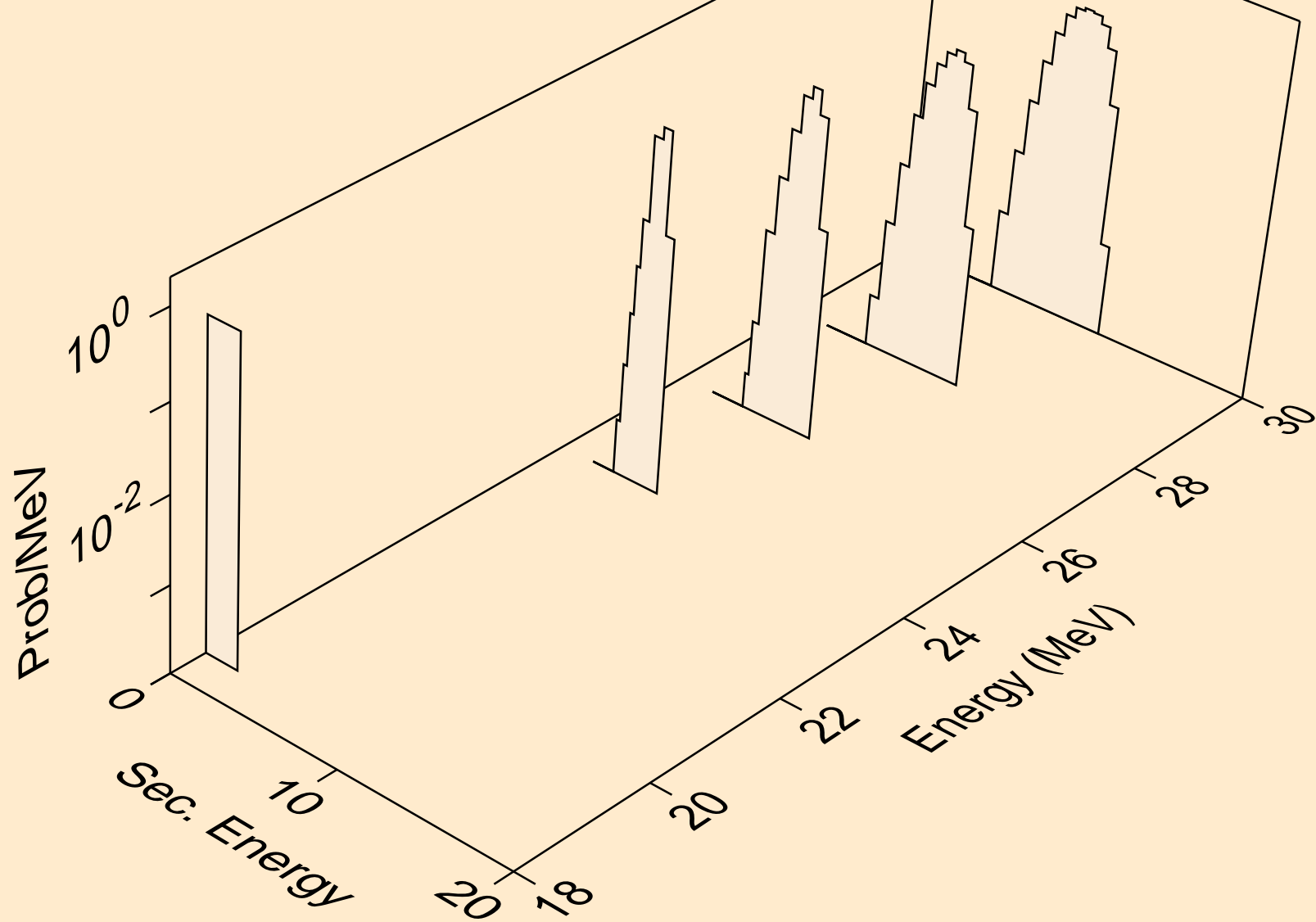
NP232 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,npa)



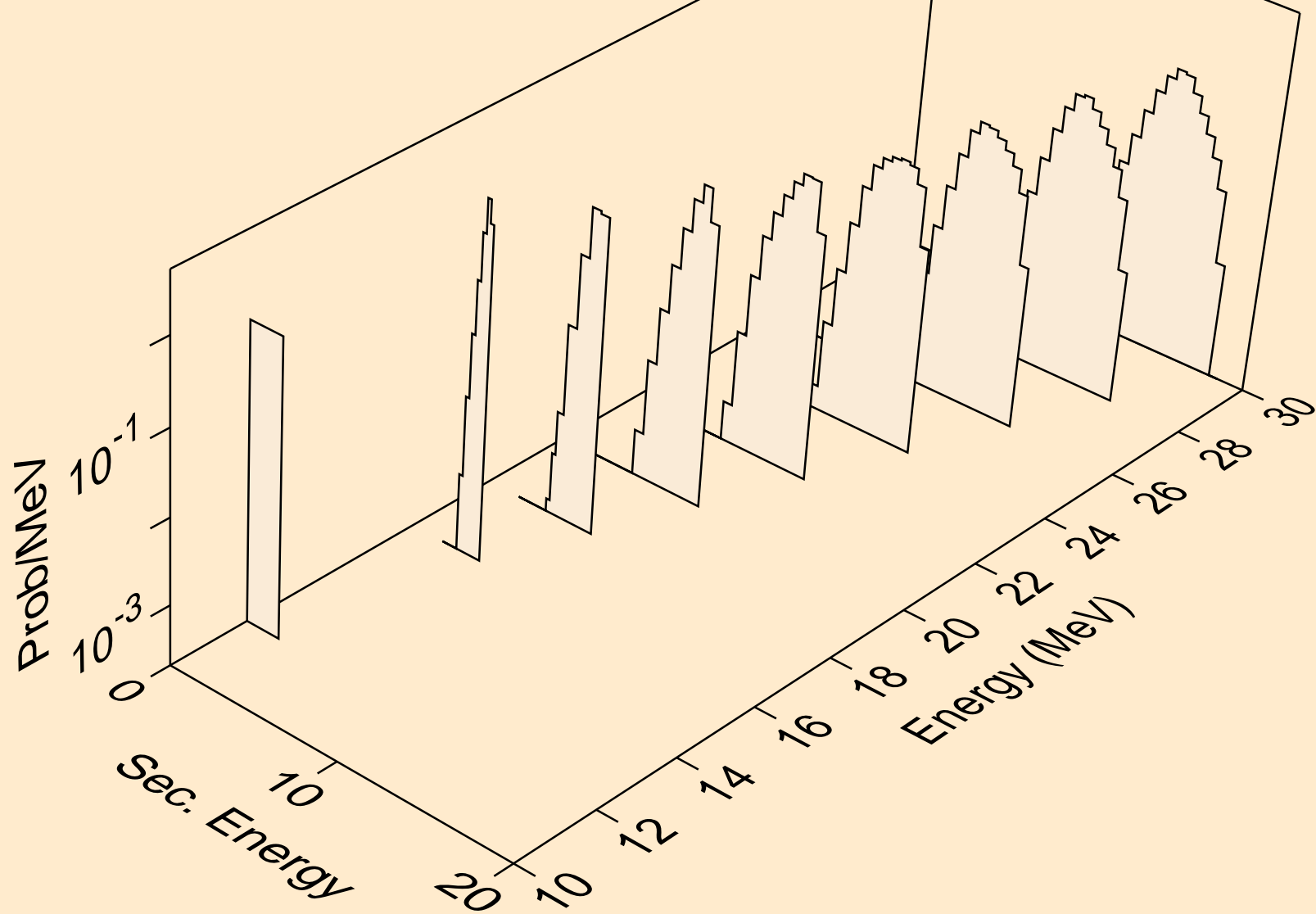
NP232 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,x)



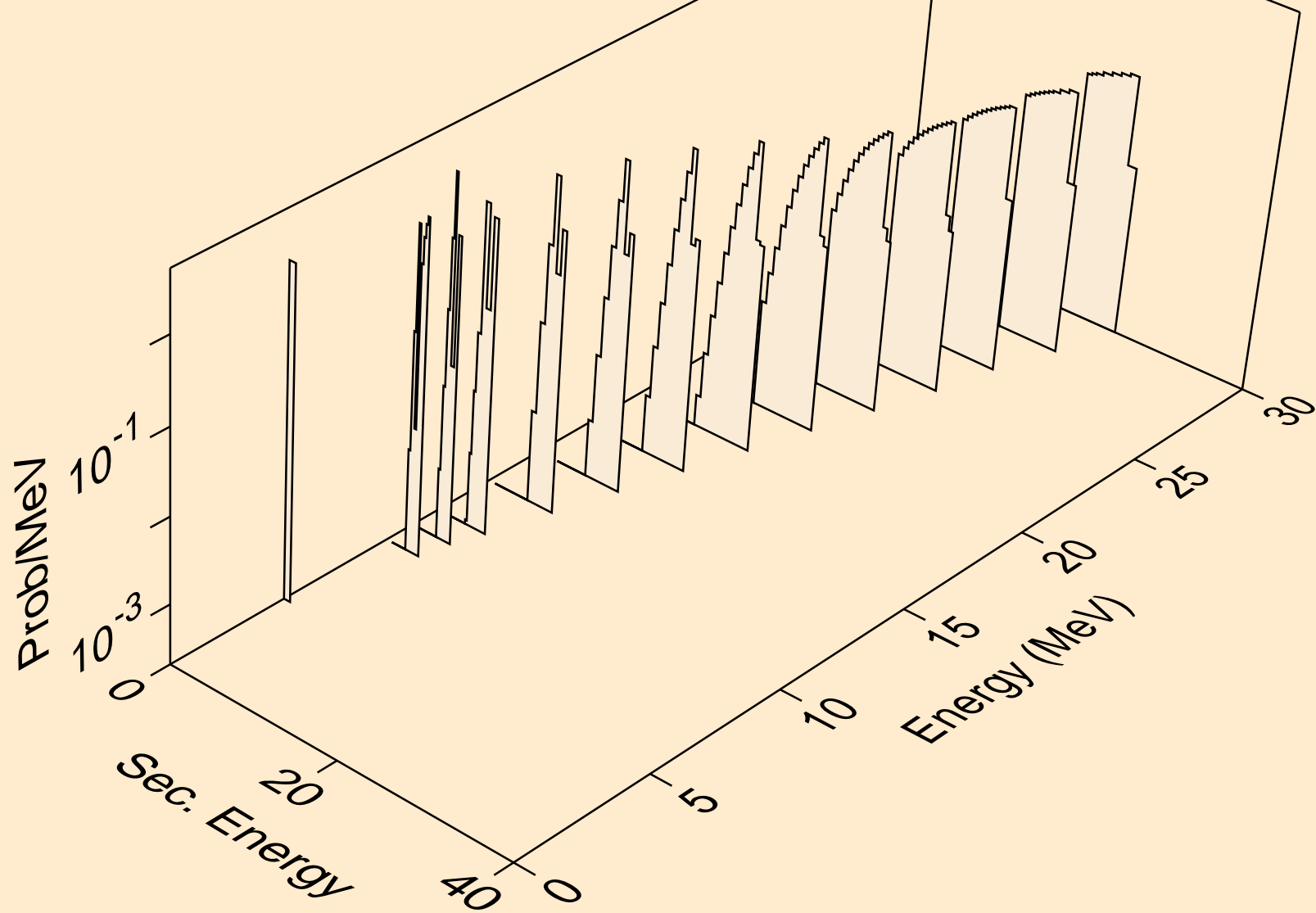
NP232 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,2nd)



NP232 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,n\*)d

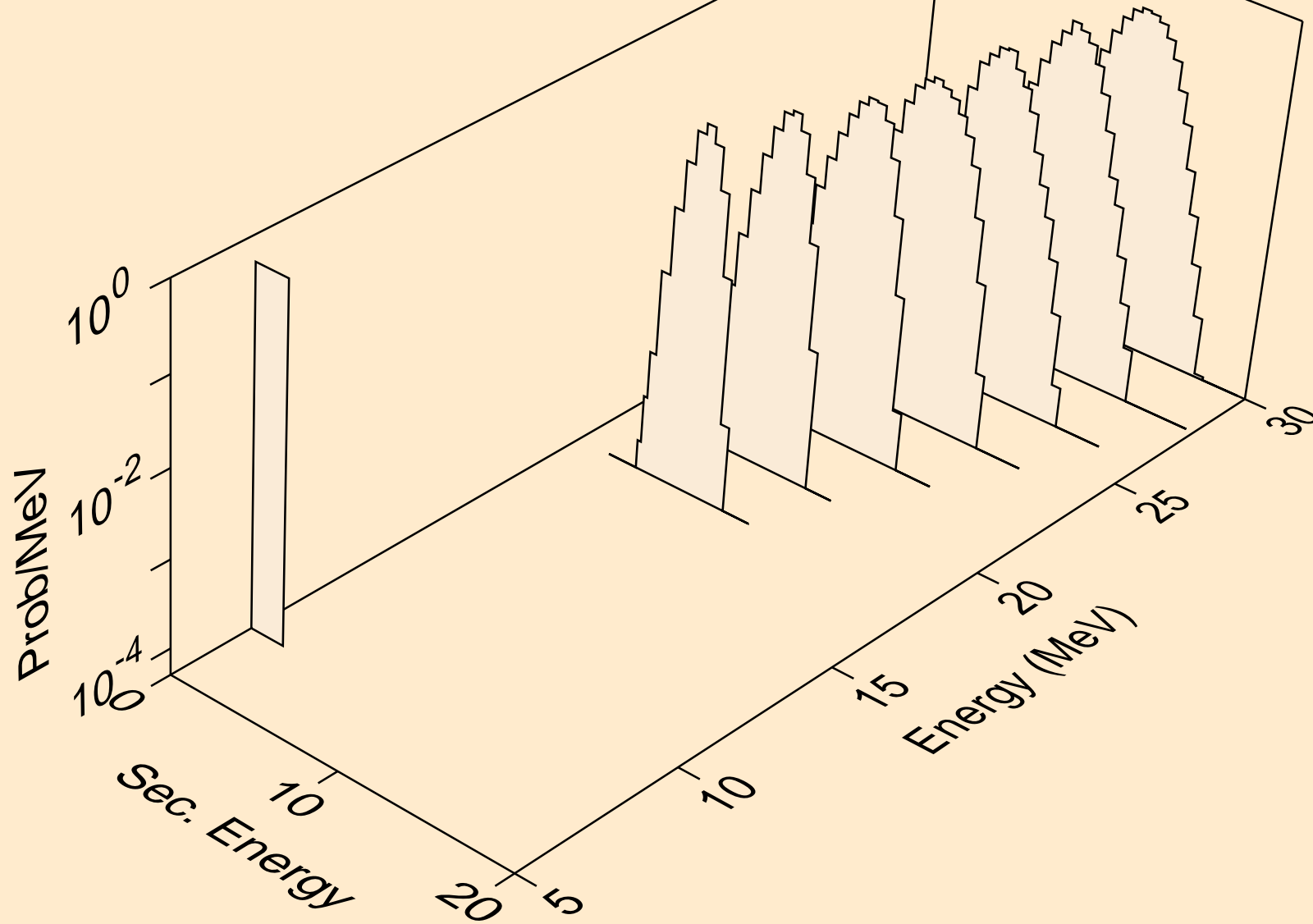


NP232 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,d)

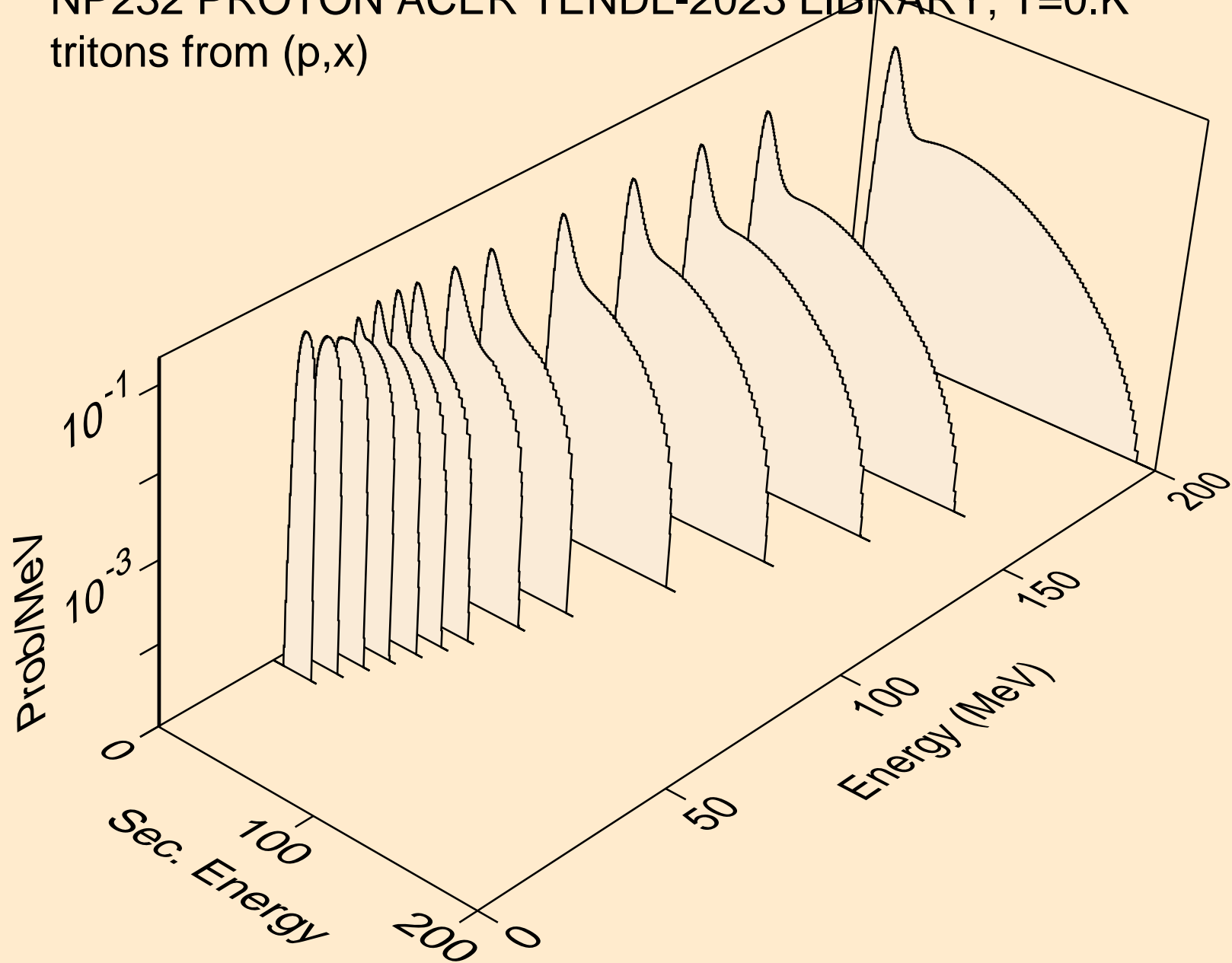




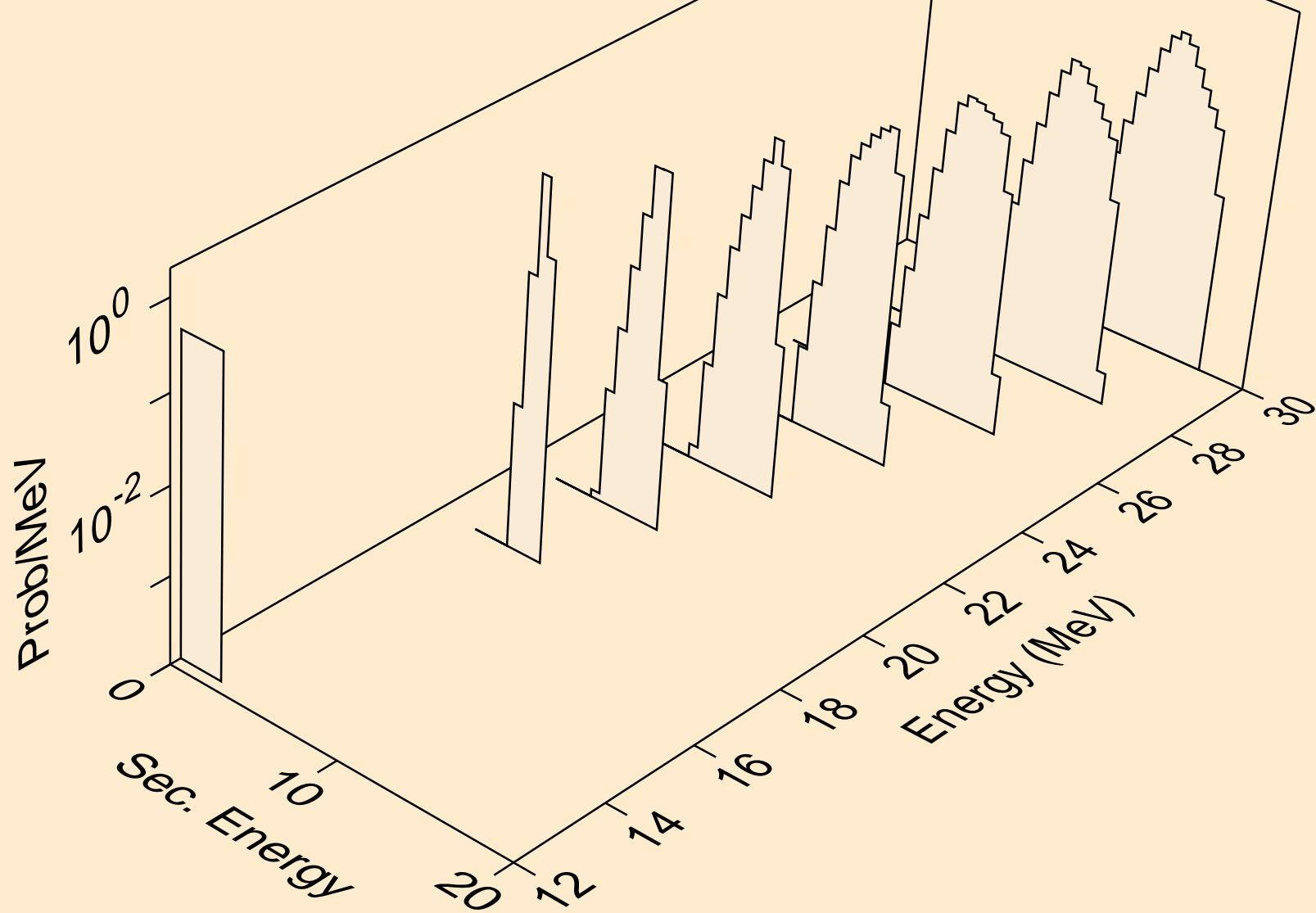
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deuterons from (p,pd)



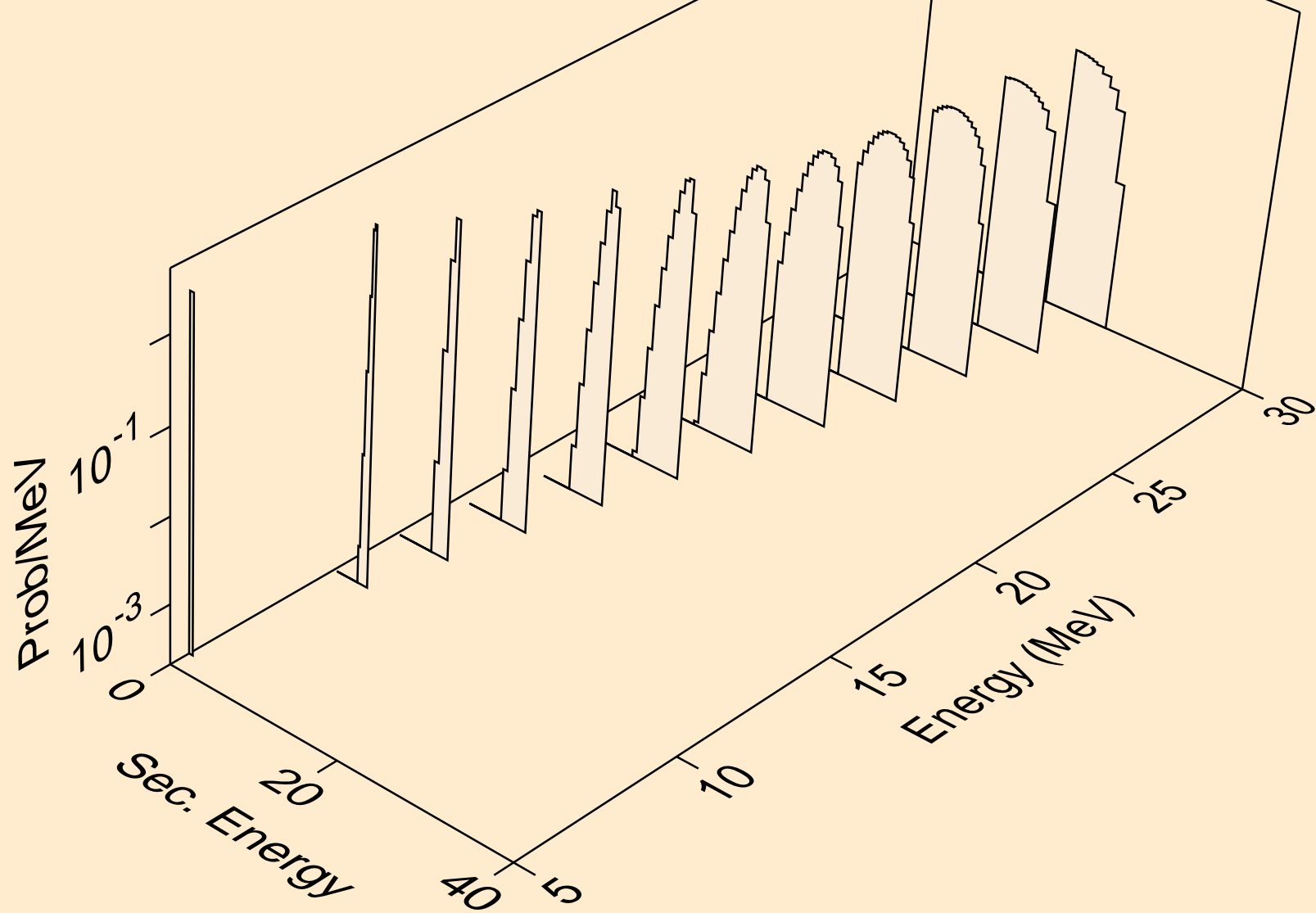
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tritons from (p,x)



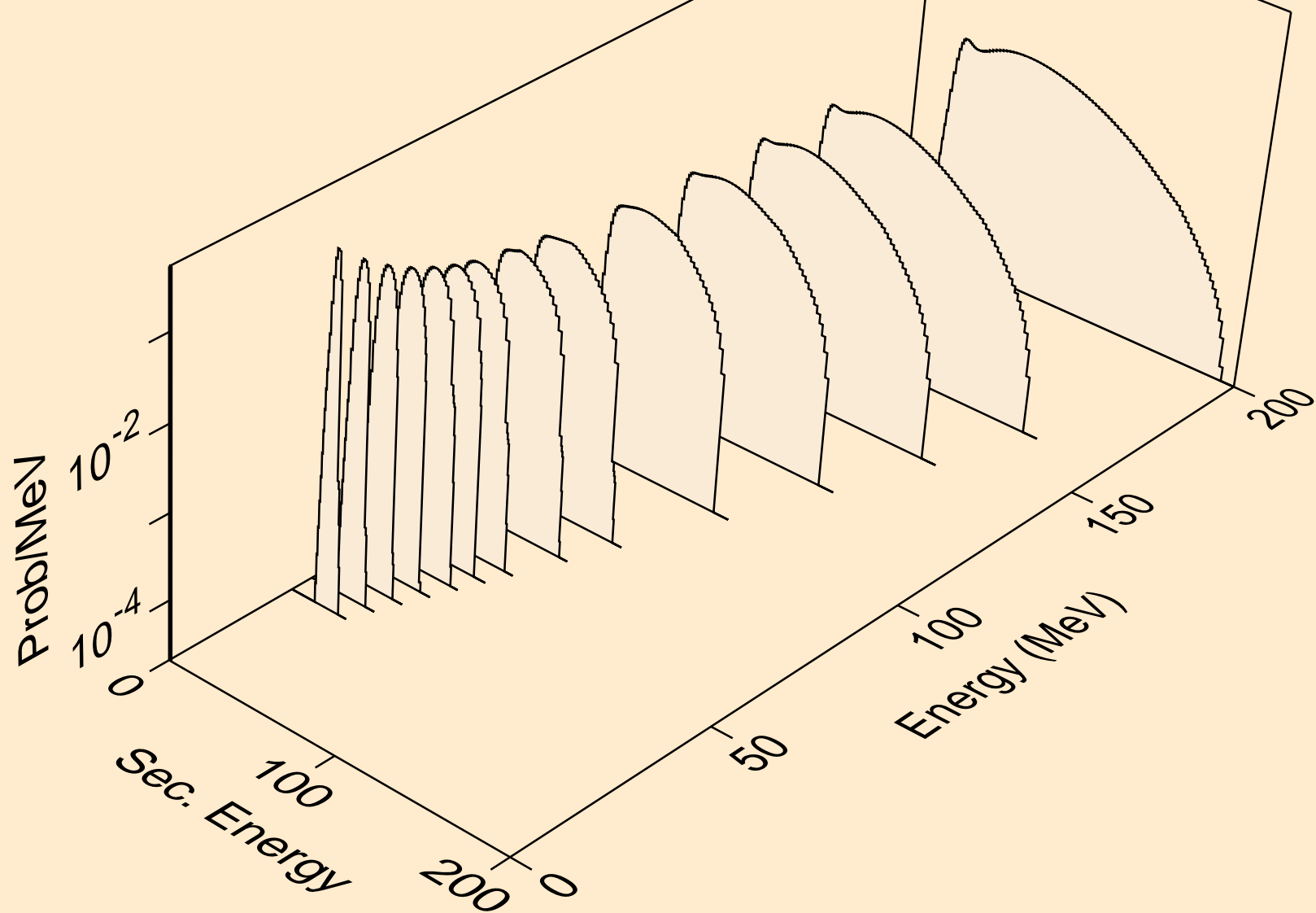
NP232 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,n\*)t



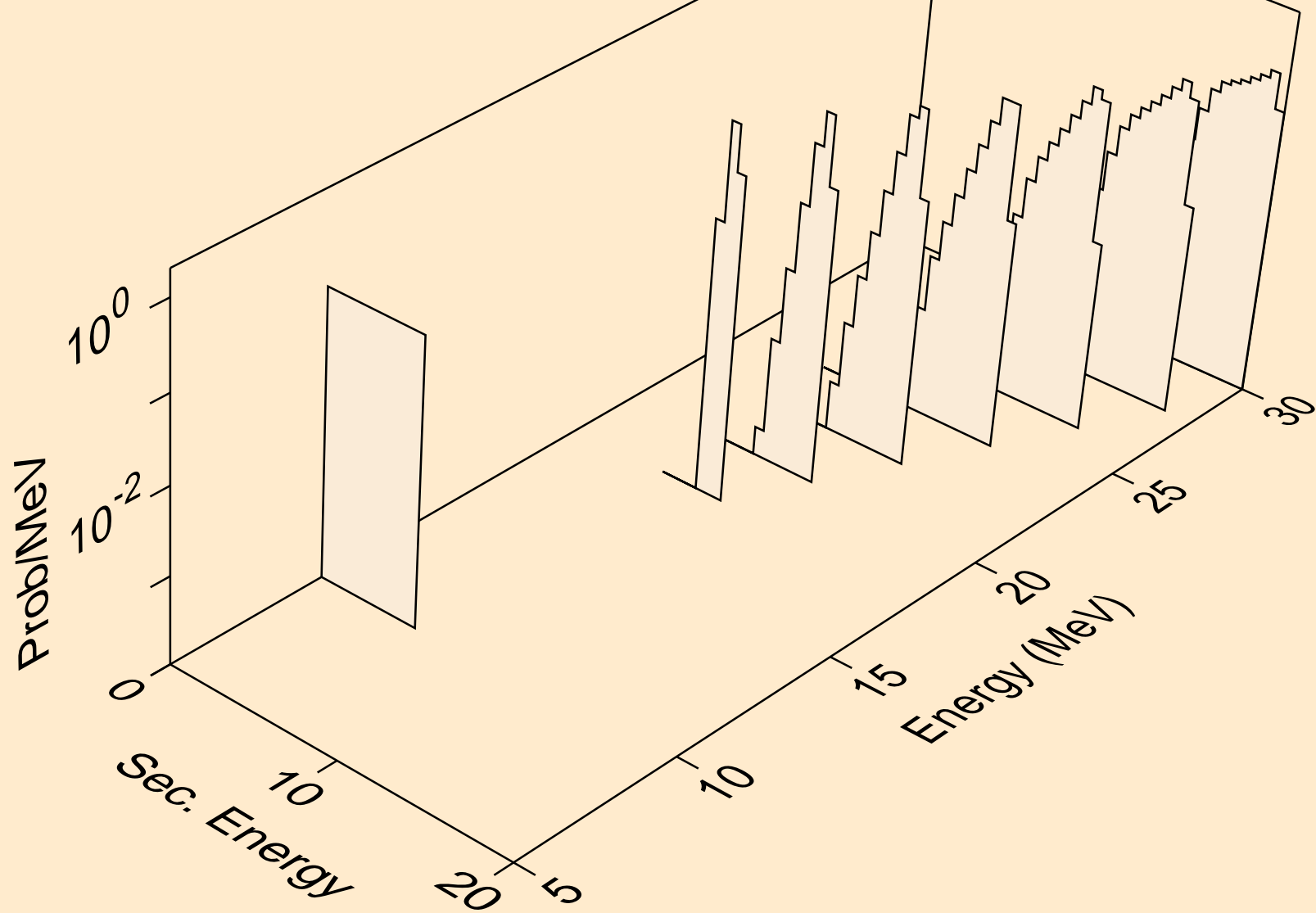
NP232 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,t)



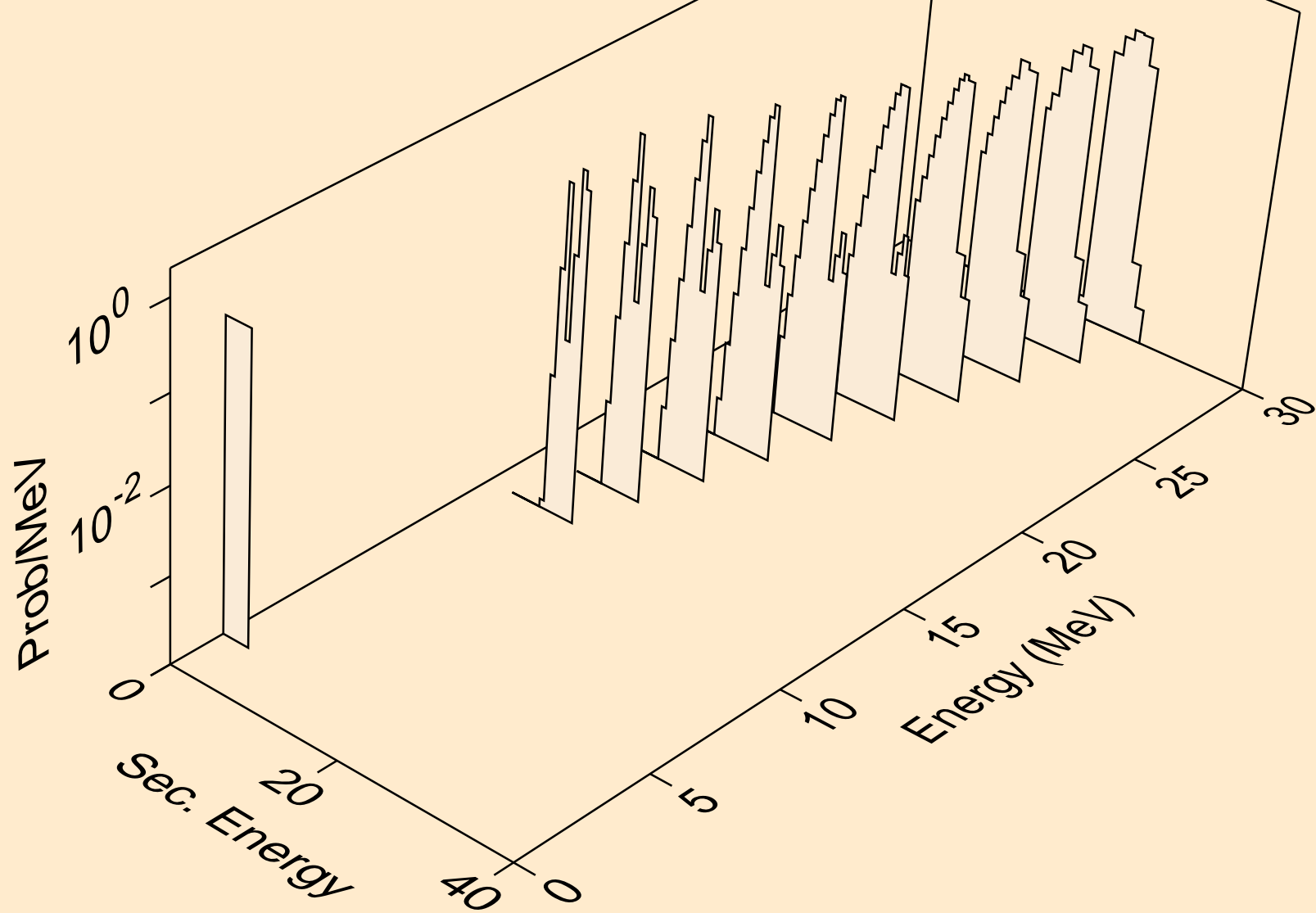
NP232 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)



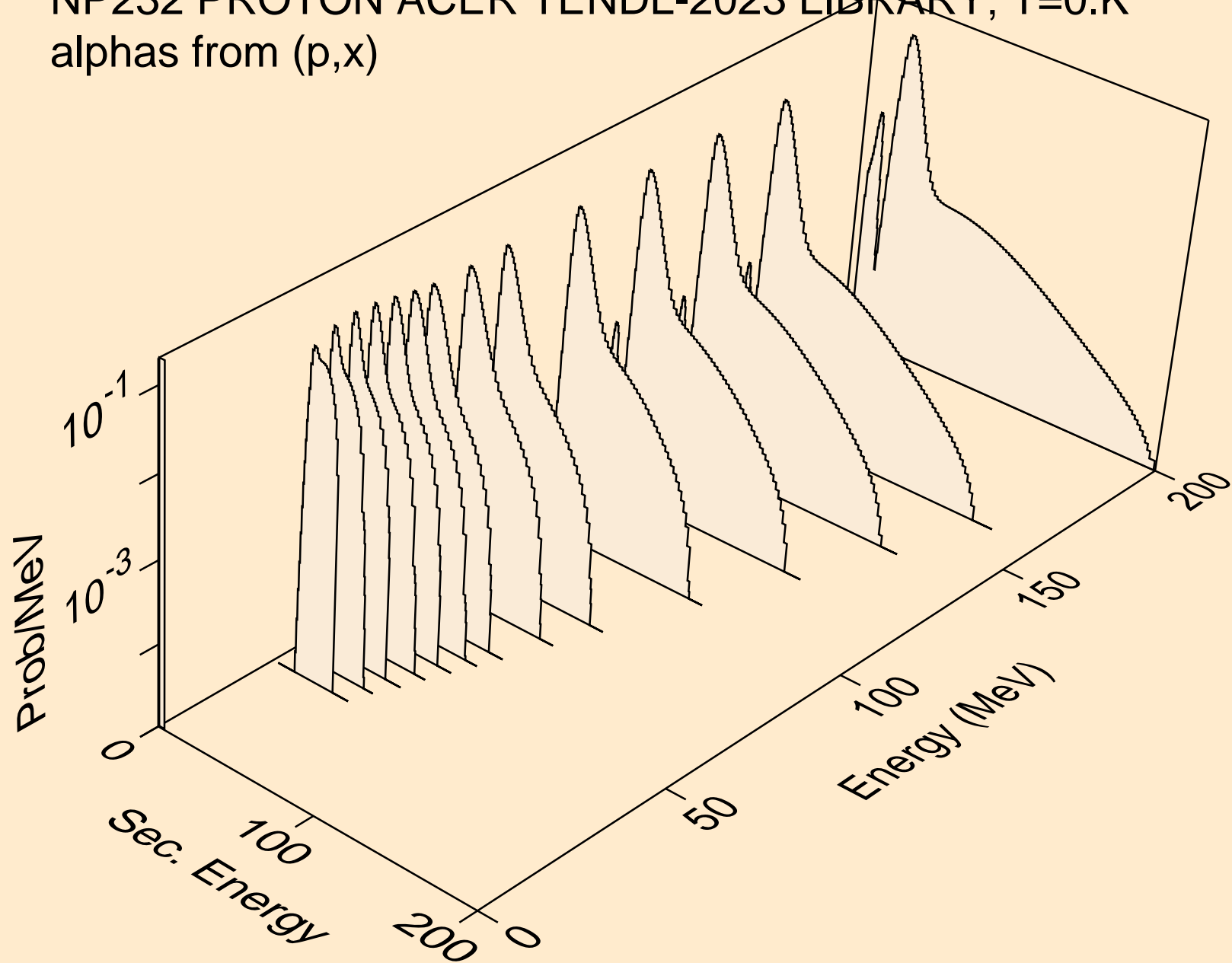
NP232 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,n\*)he3



NP232 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,he3)

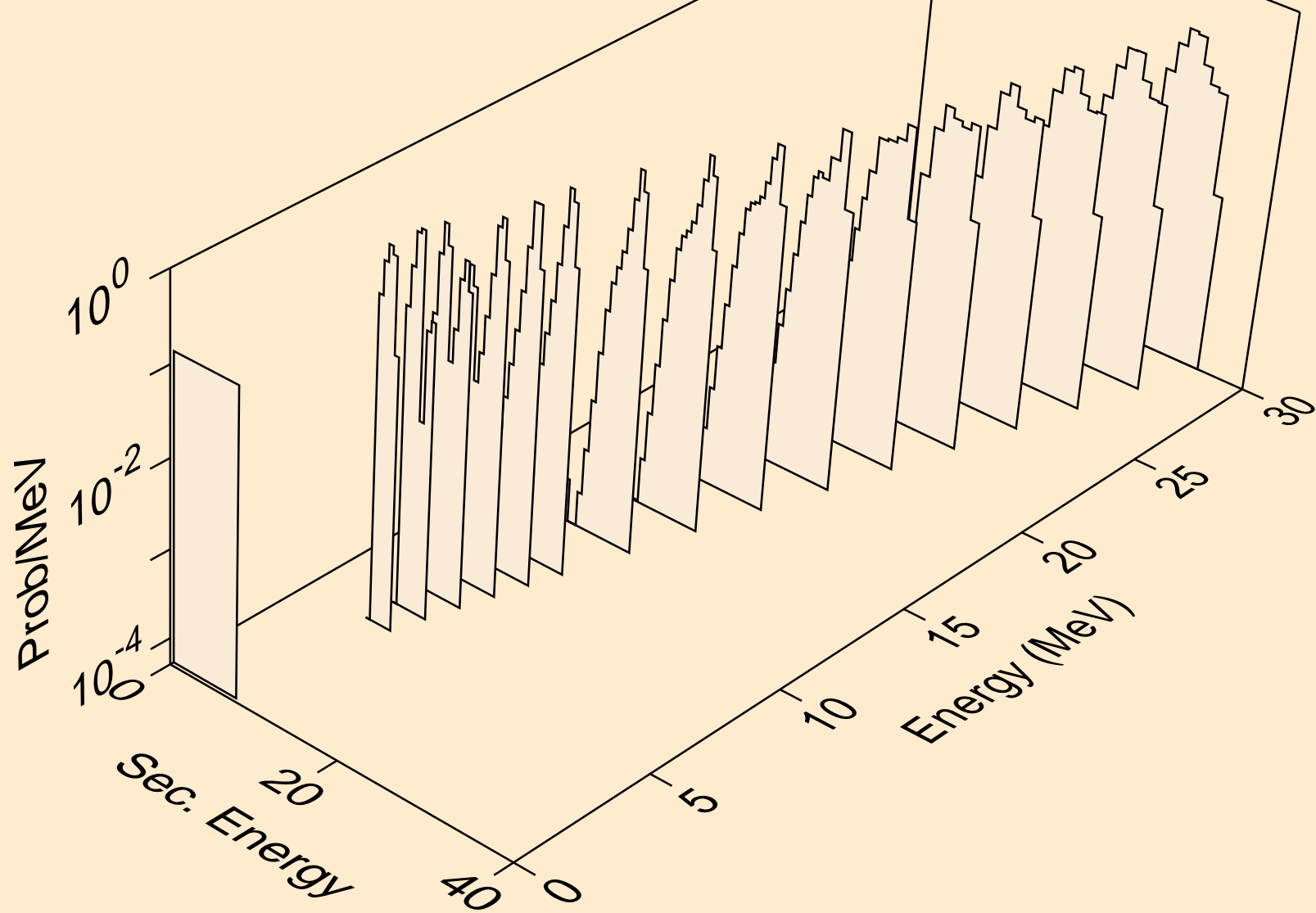


NP232 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)

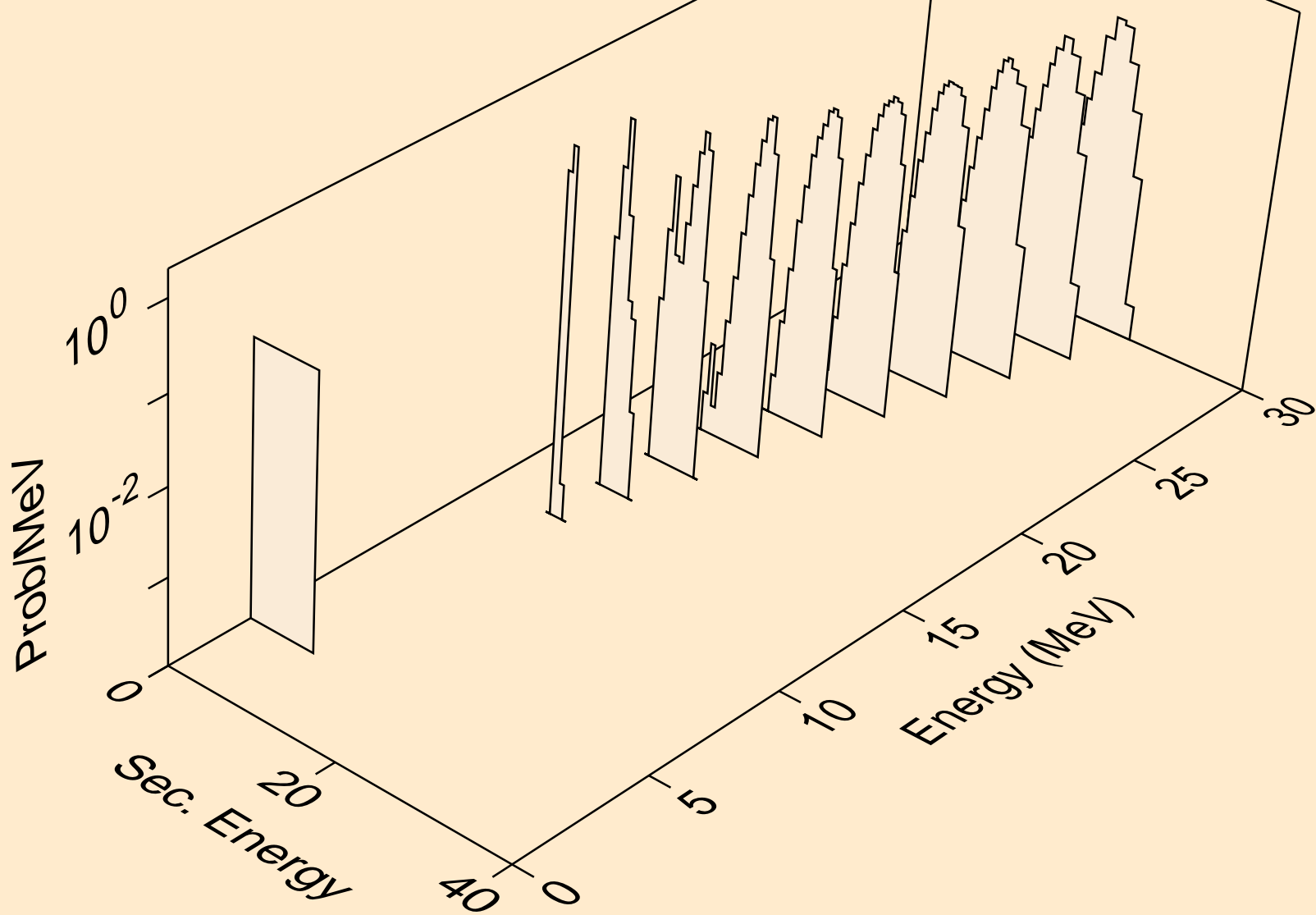




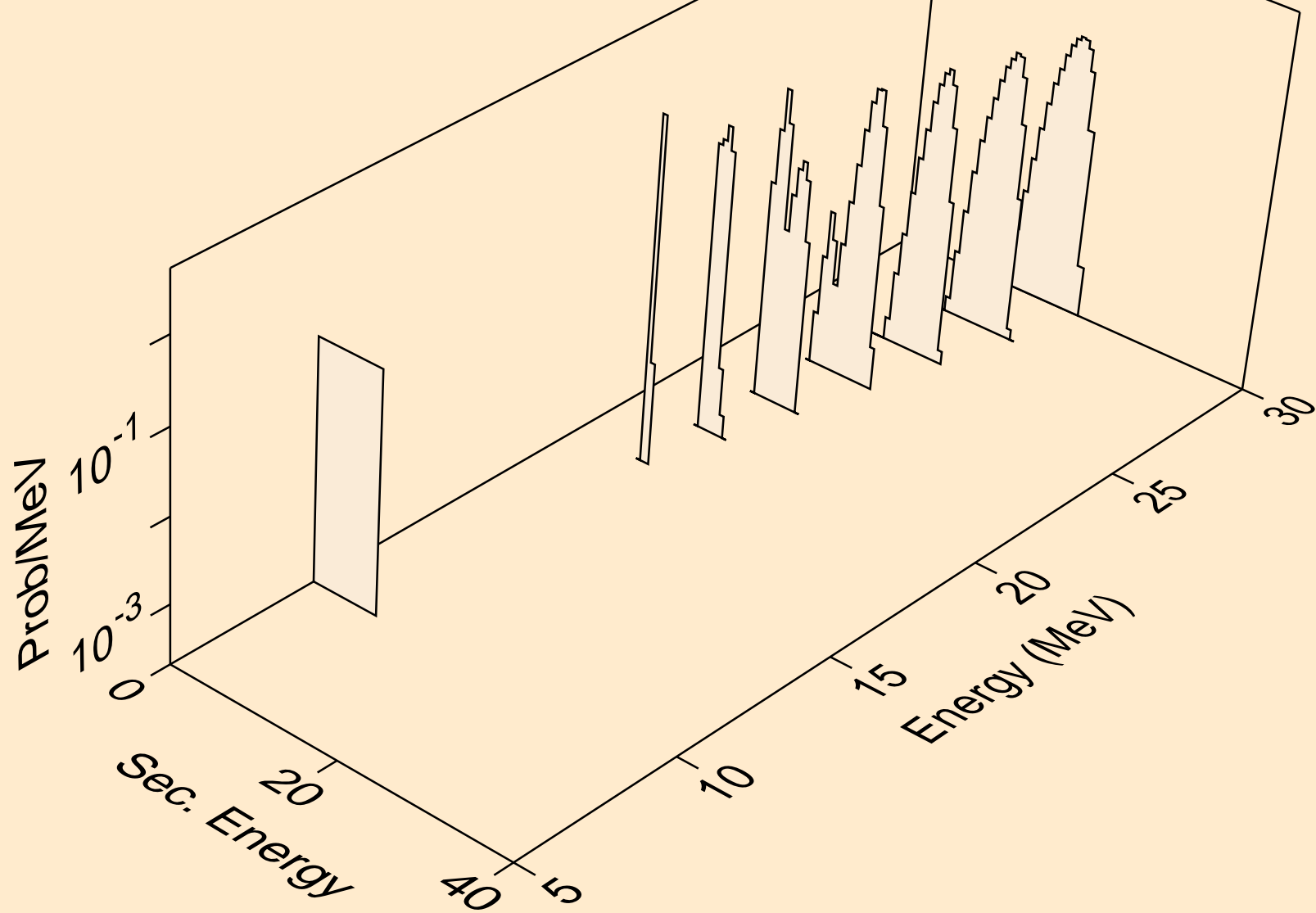
NP232 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a



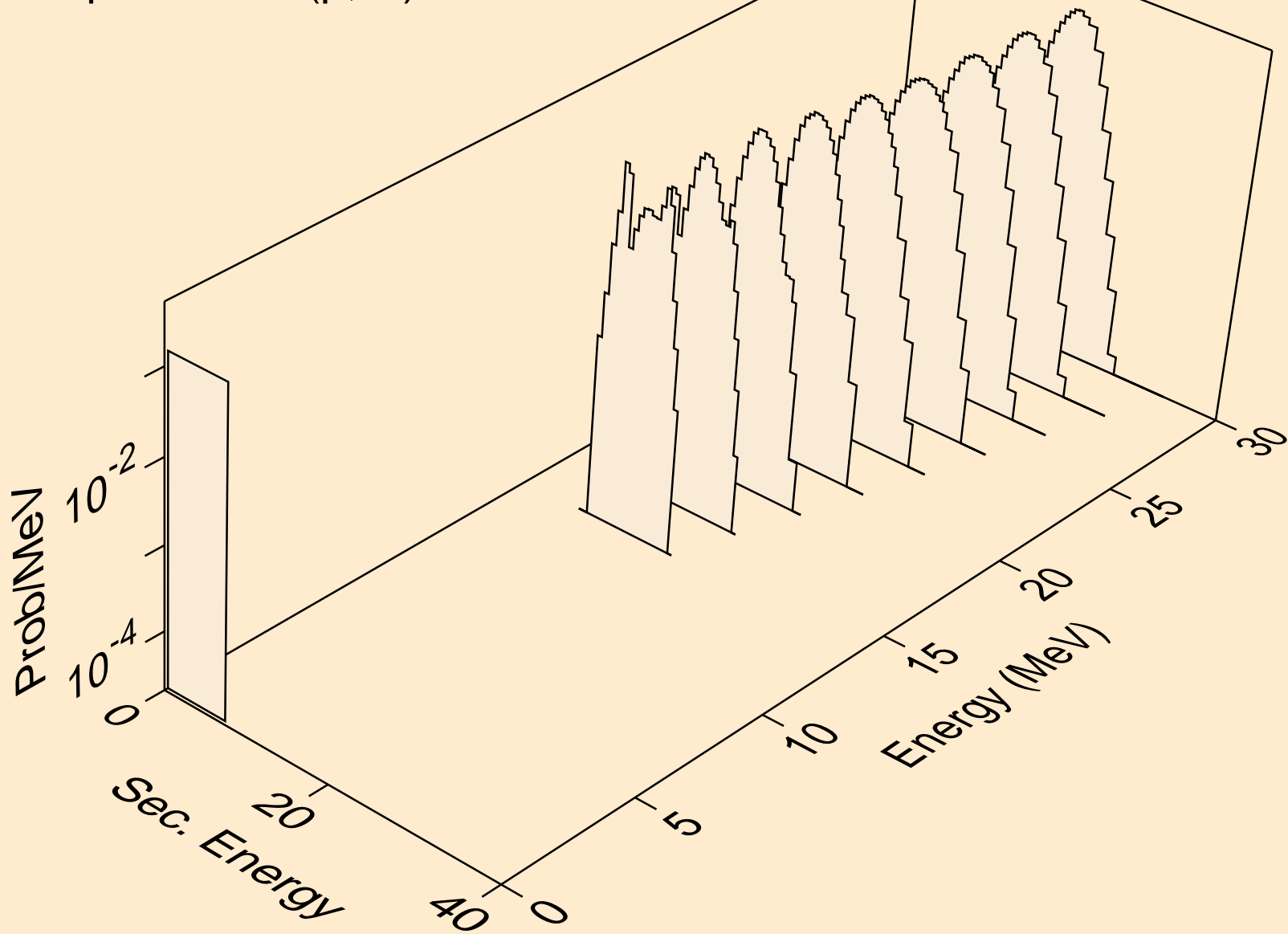
NP232 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)a



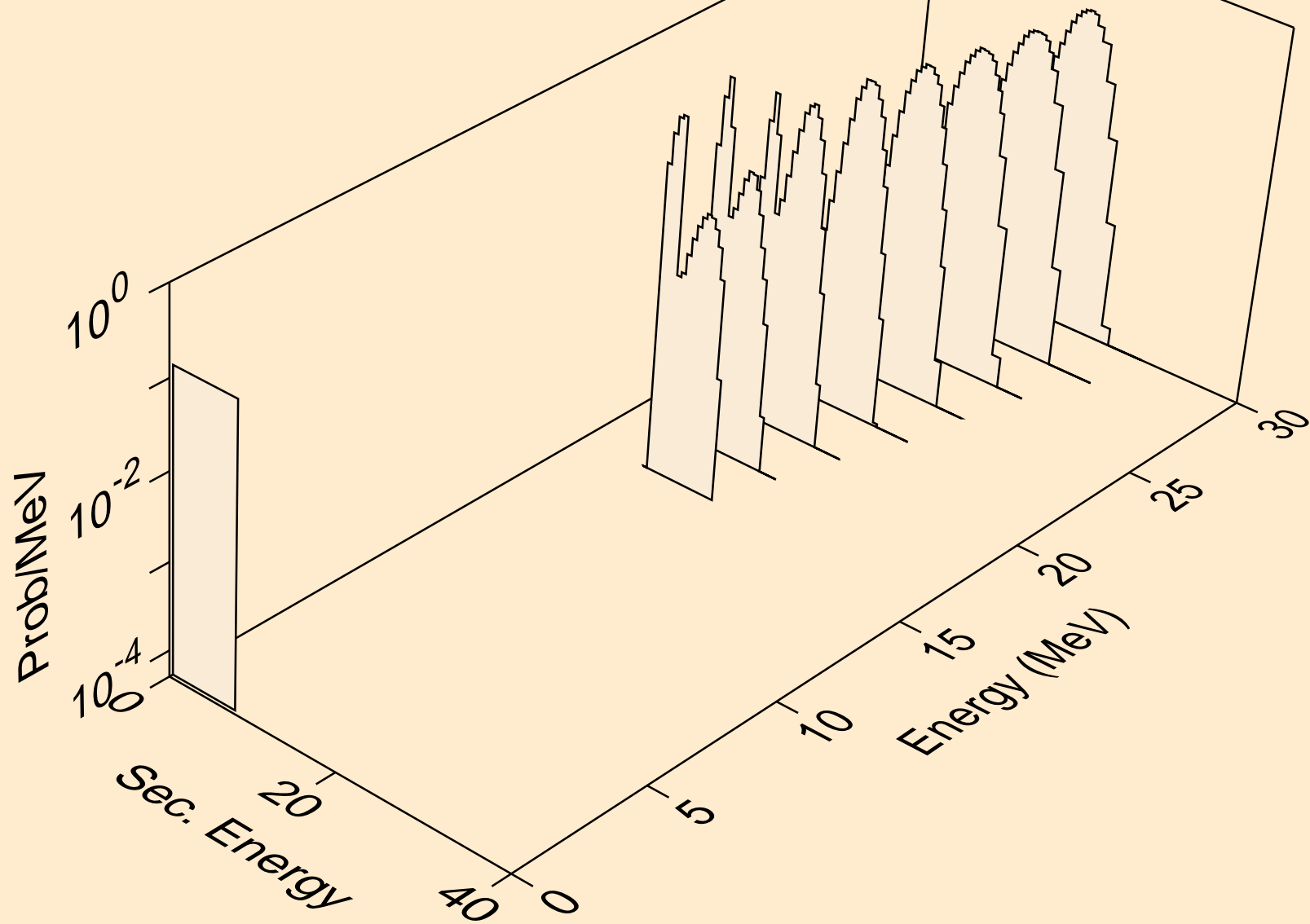
NP232 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,3n)a



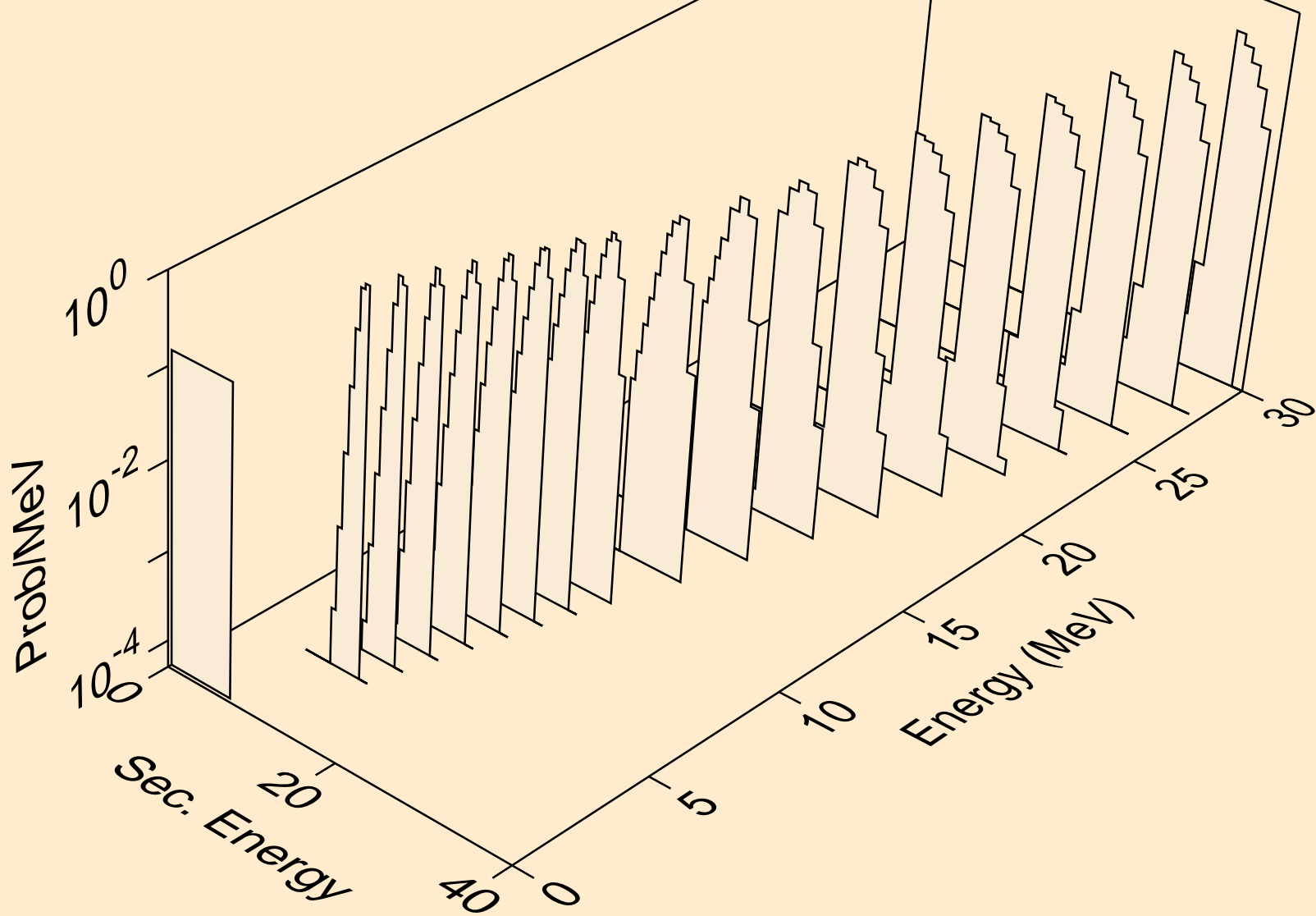
NP232 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)2a



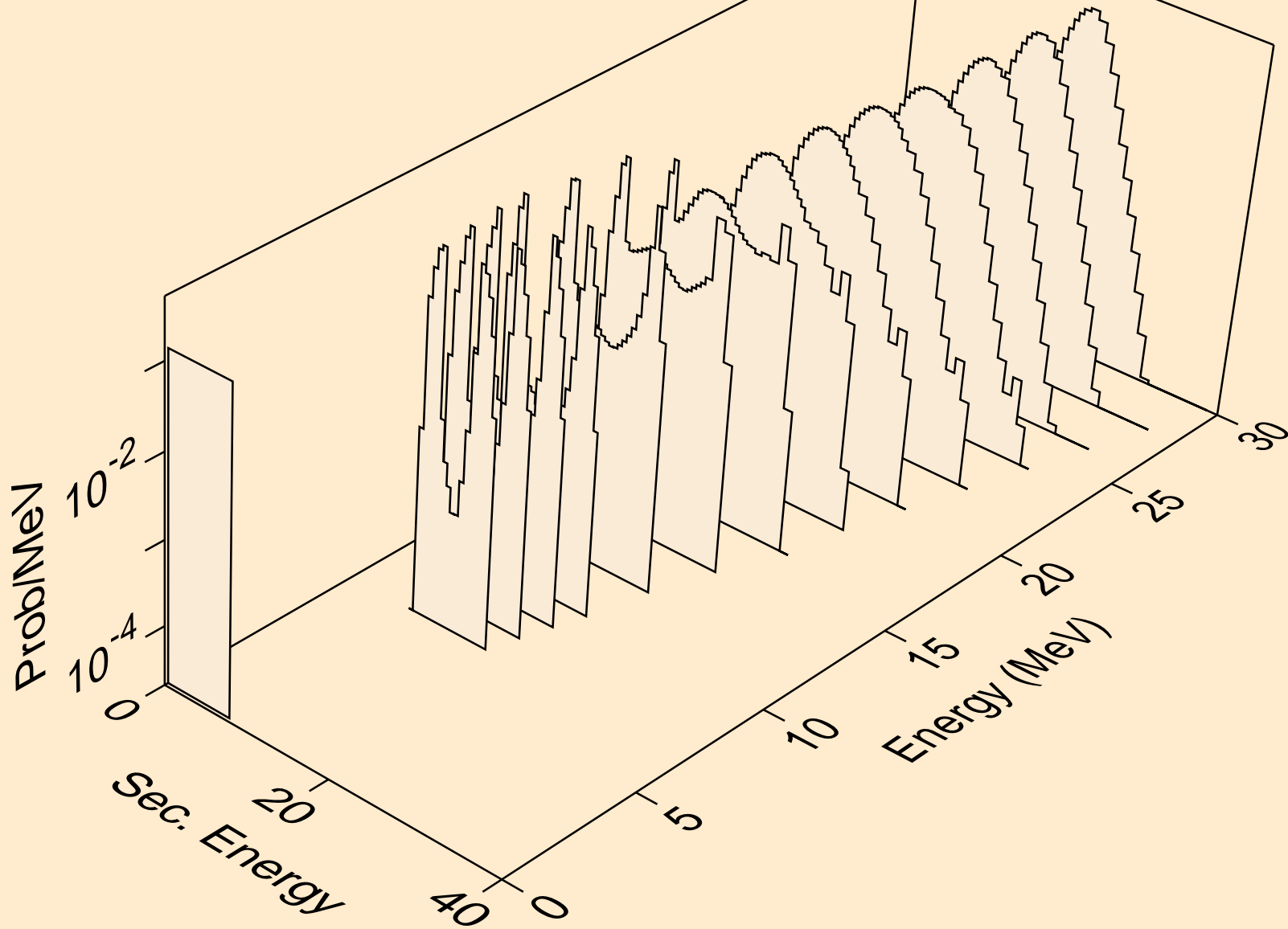
NP232 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,npa)



NP232 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)



NP232 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2a)



NP232 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,pa)

