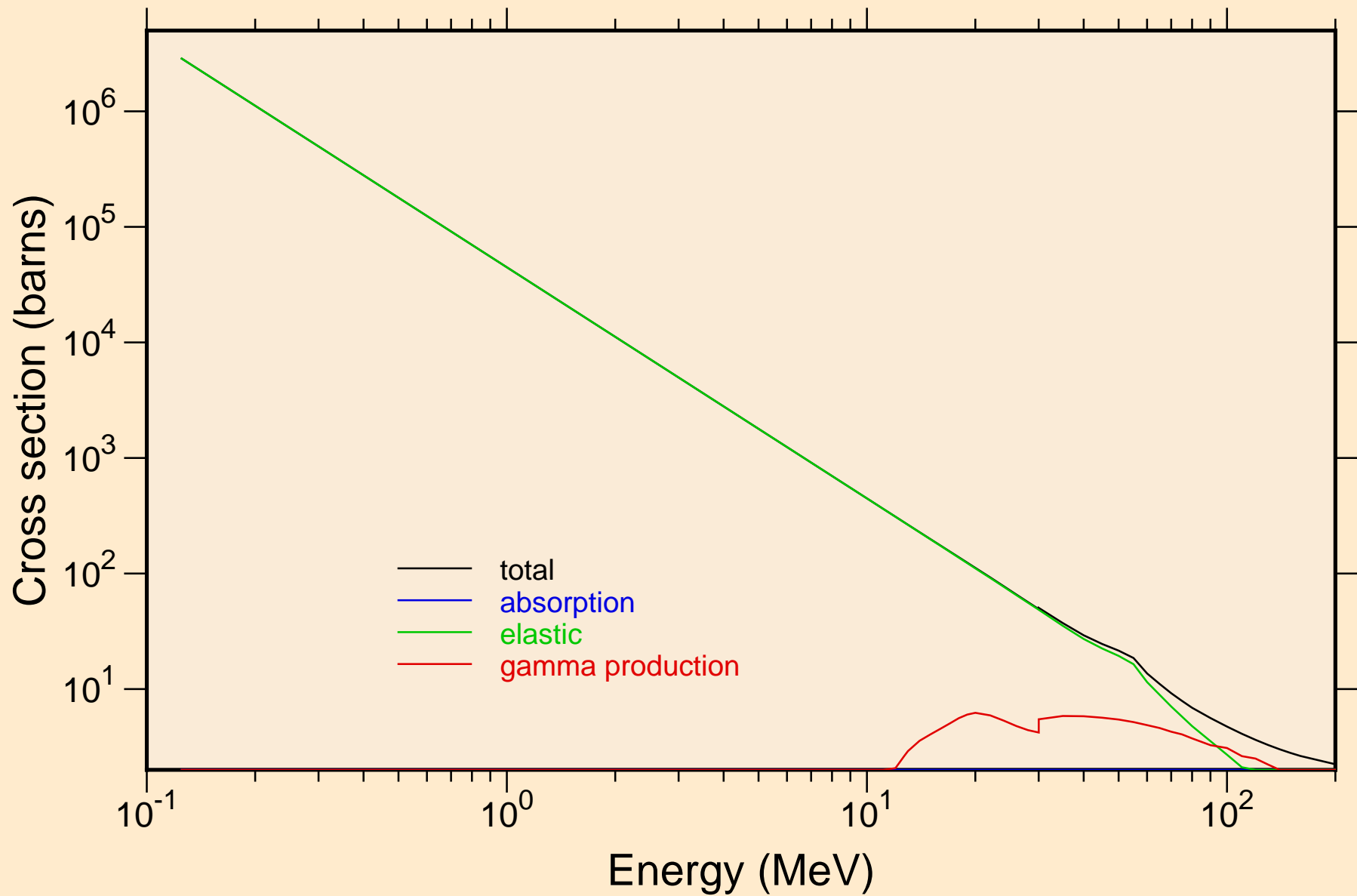


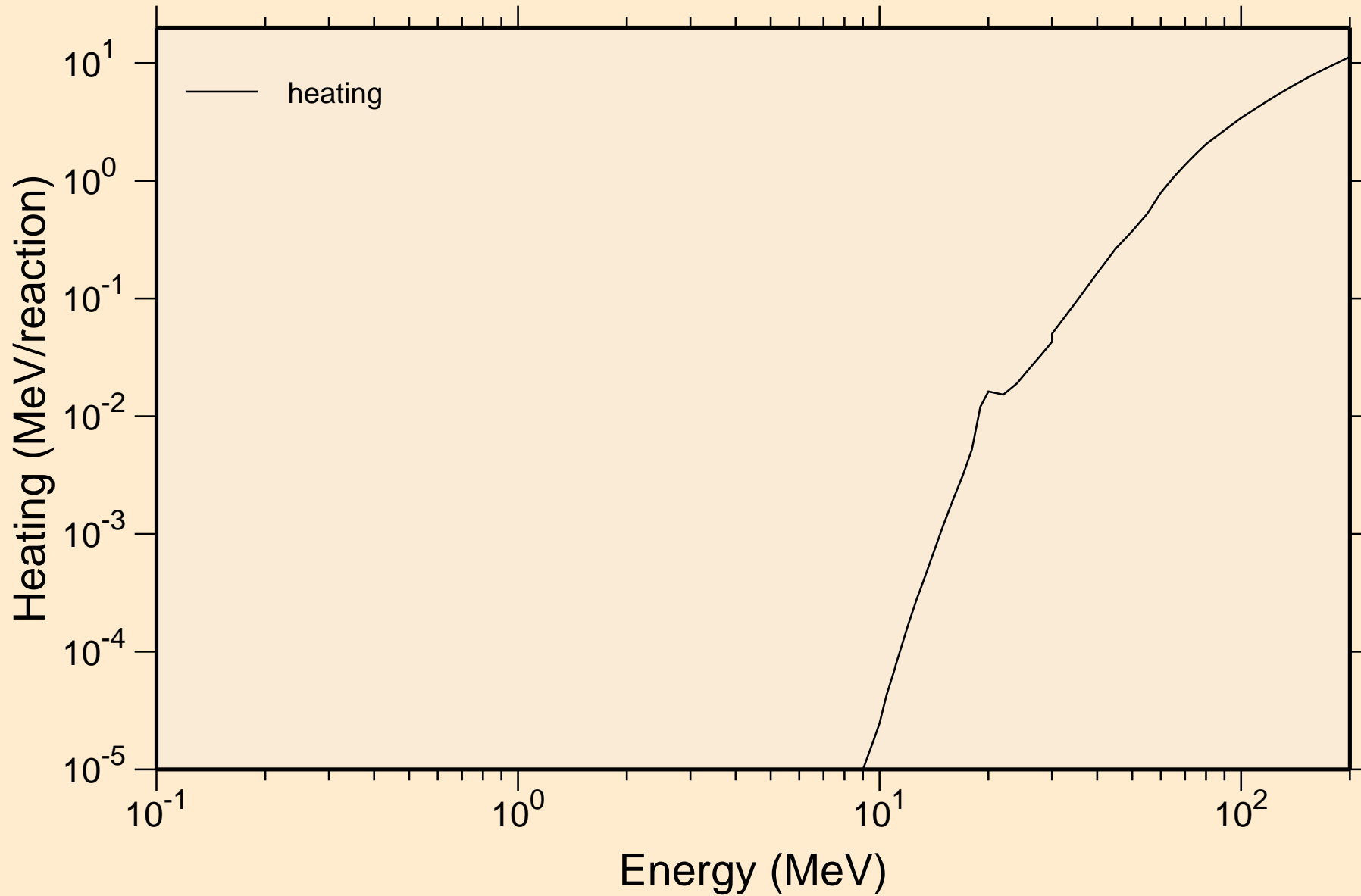
# AT228 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



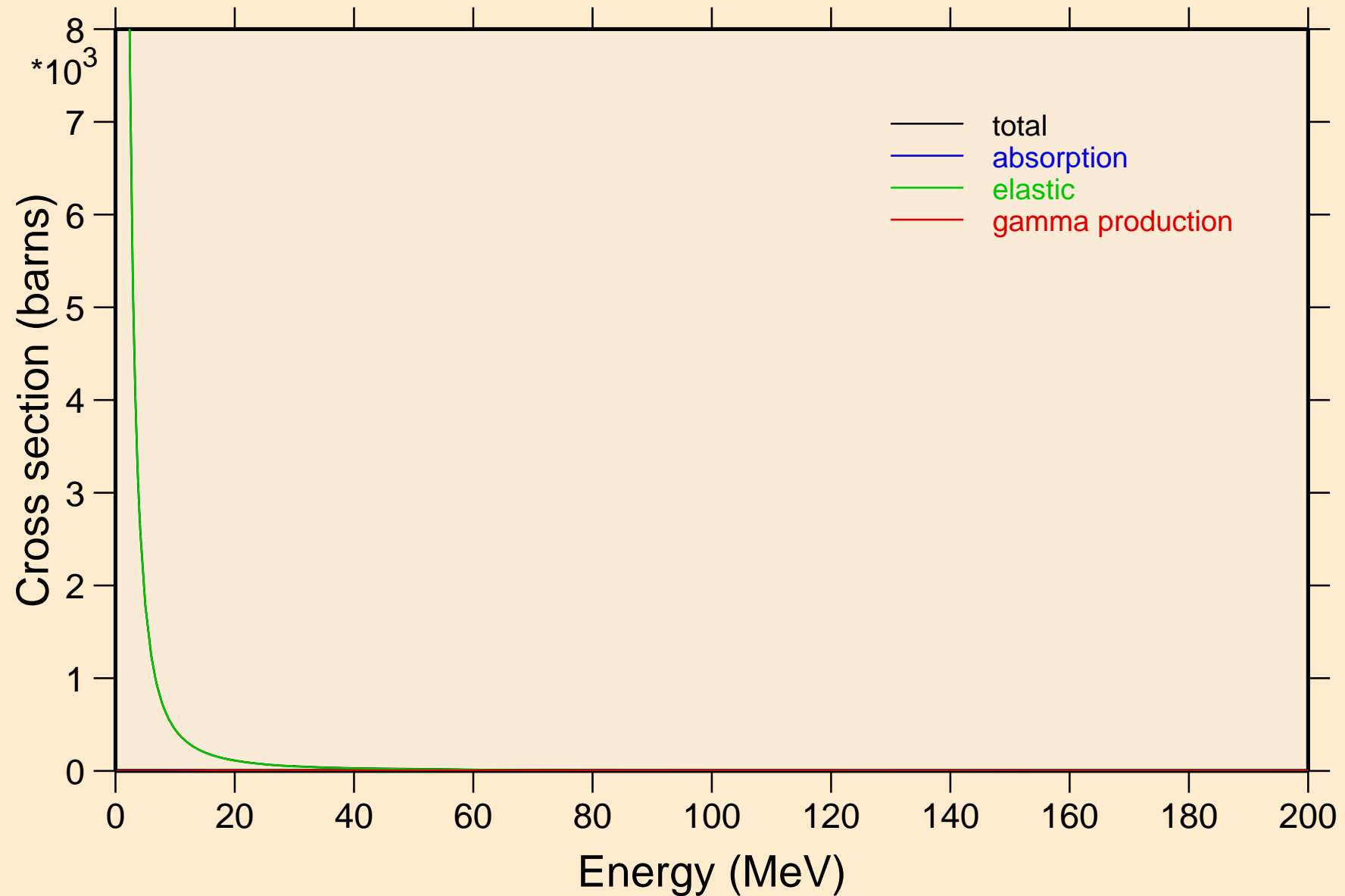
# AT228 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



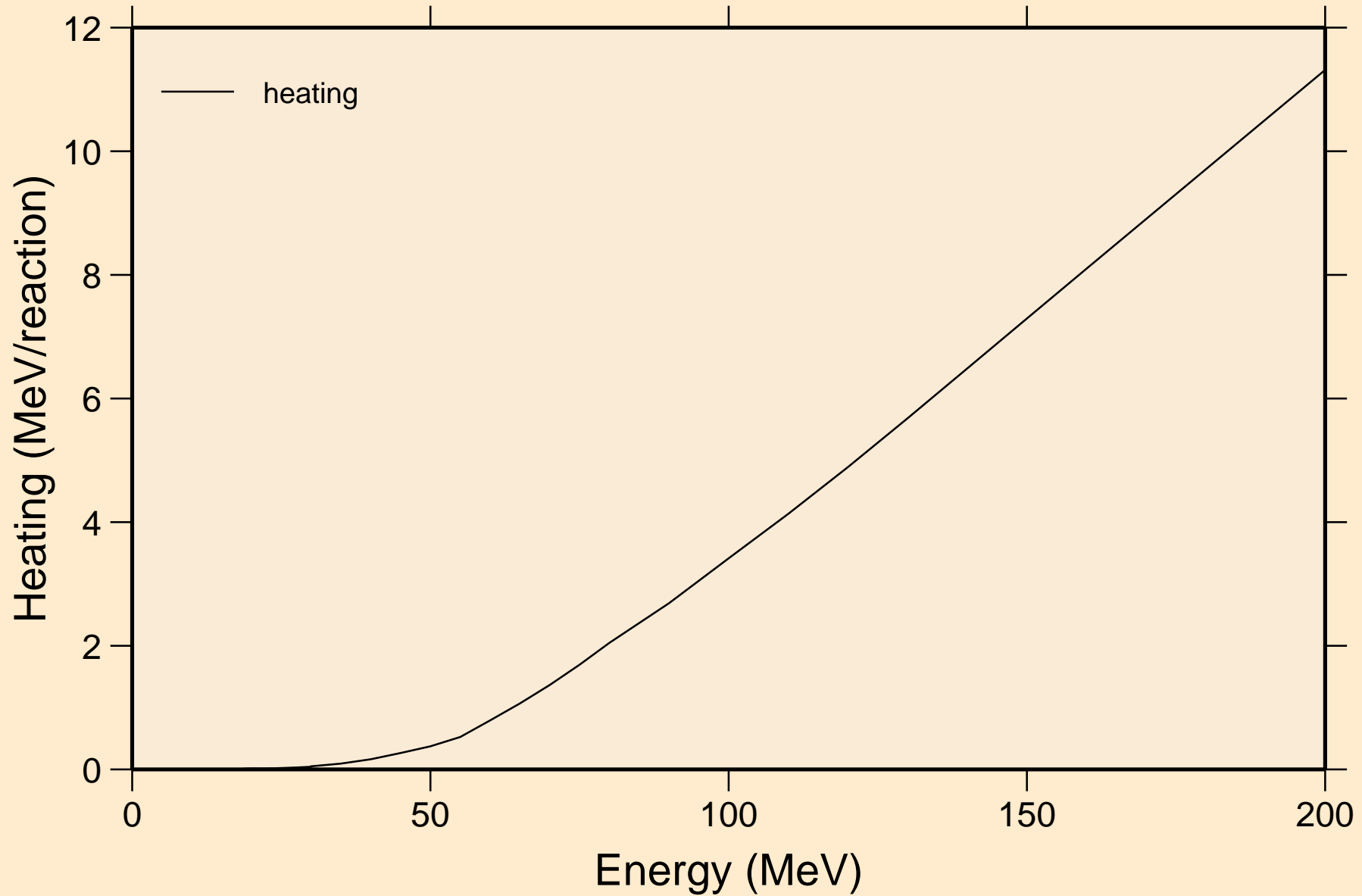
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## Principal cross sections



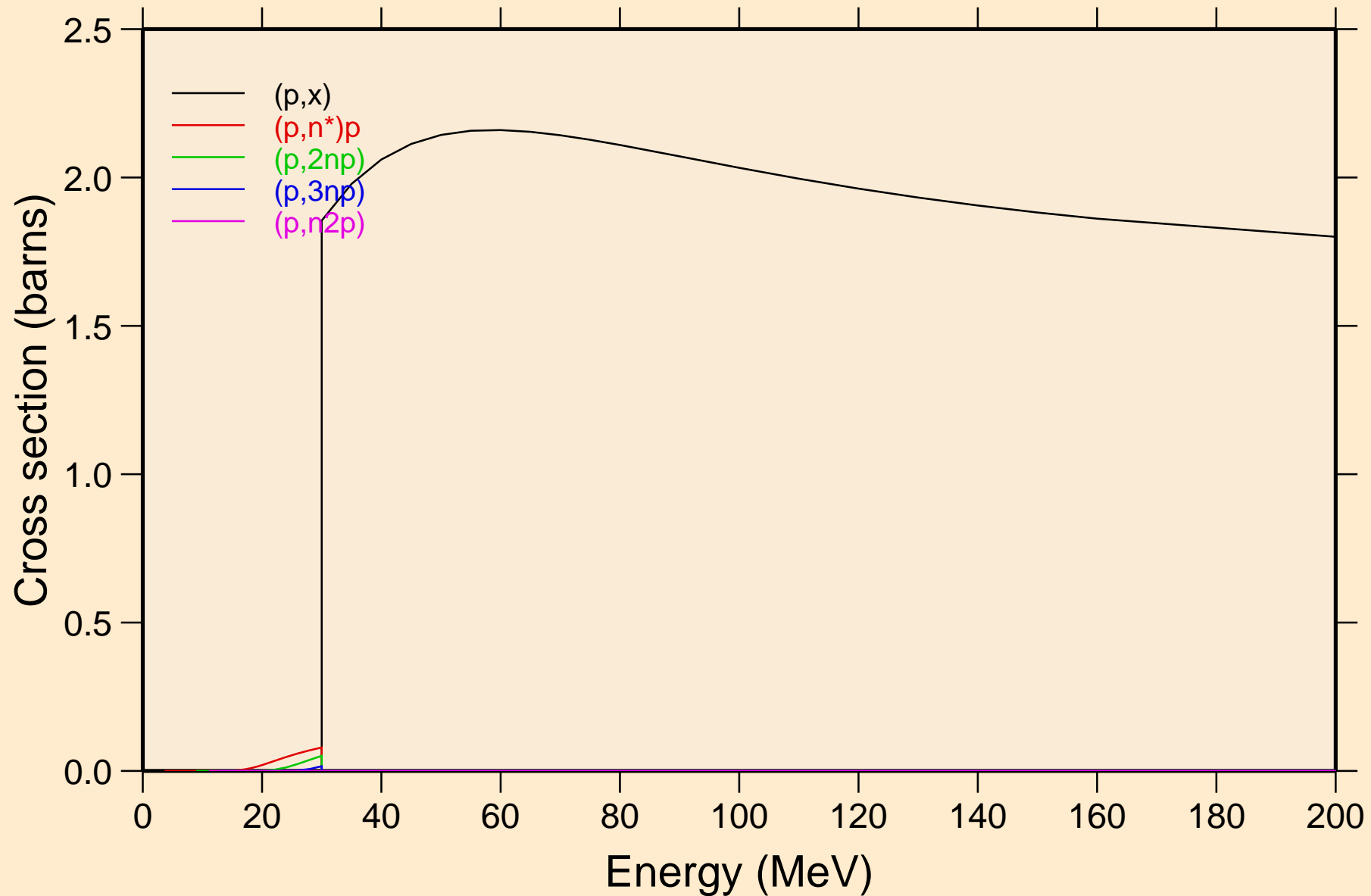
AT228 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Heating



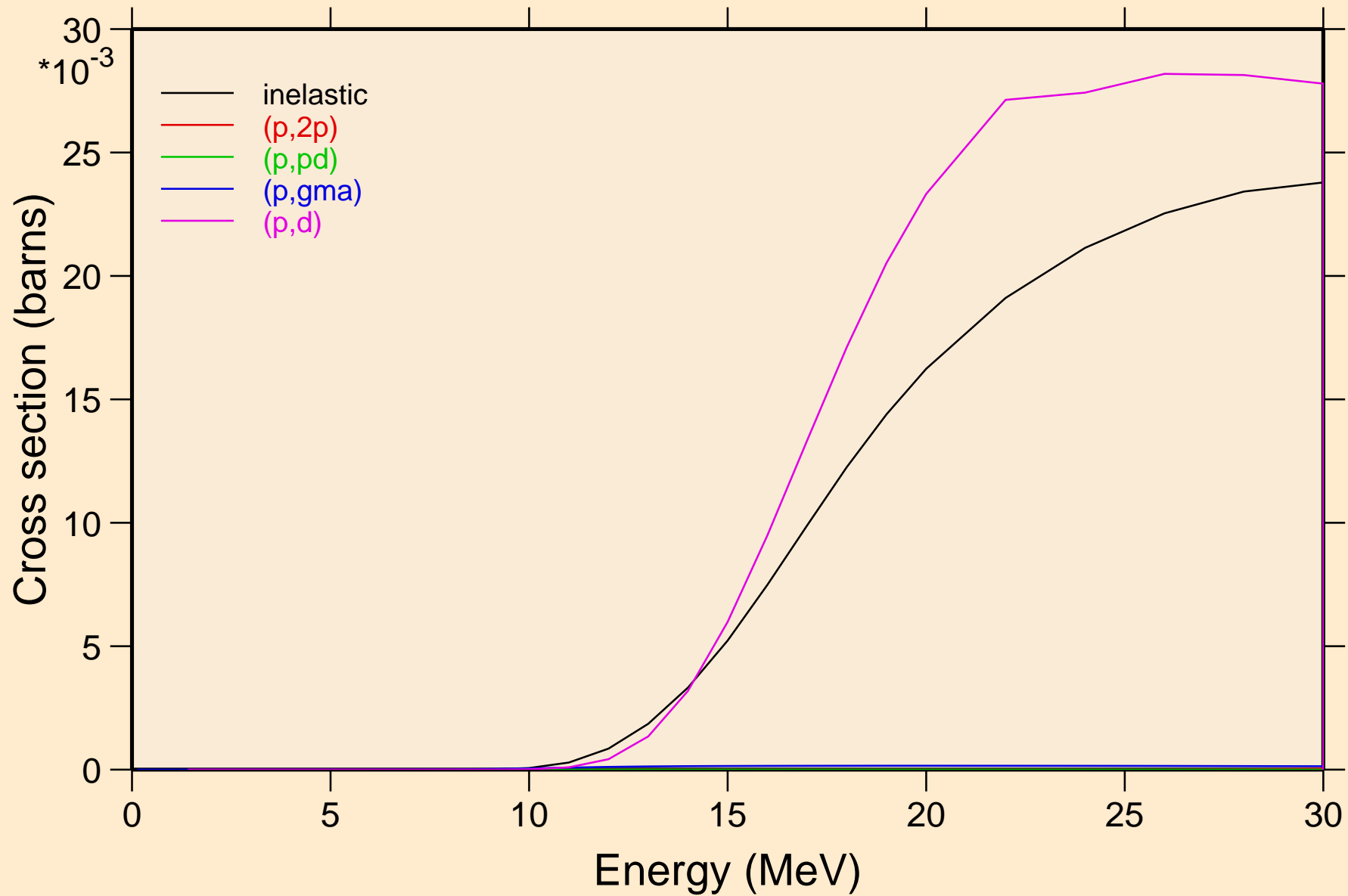
# AT228 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

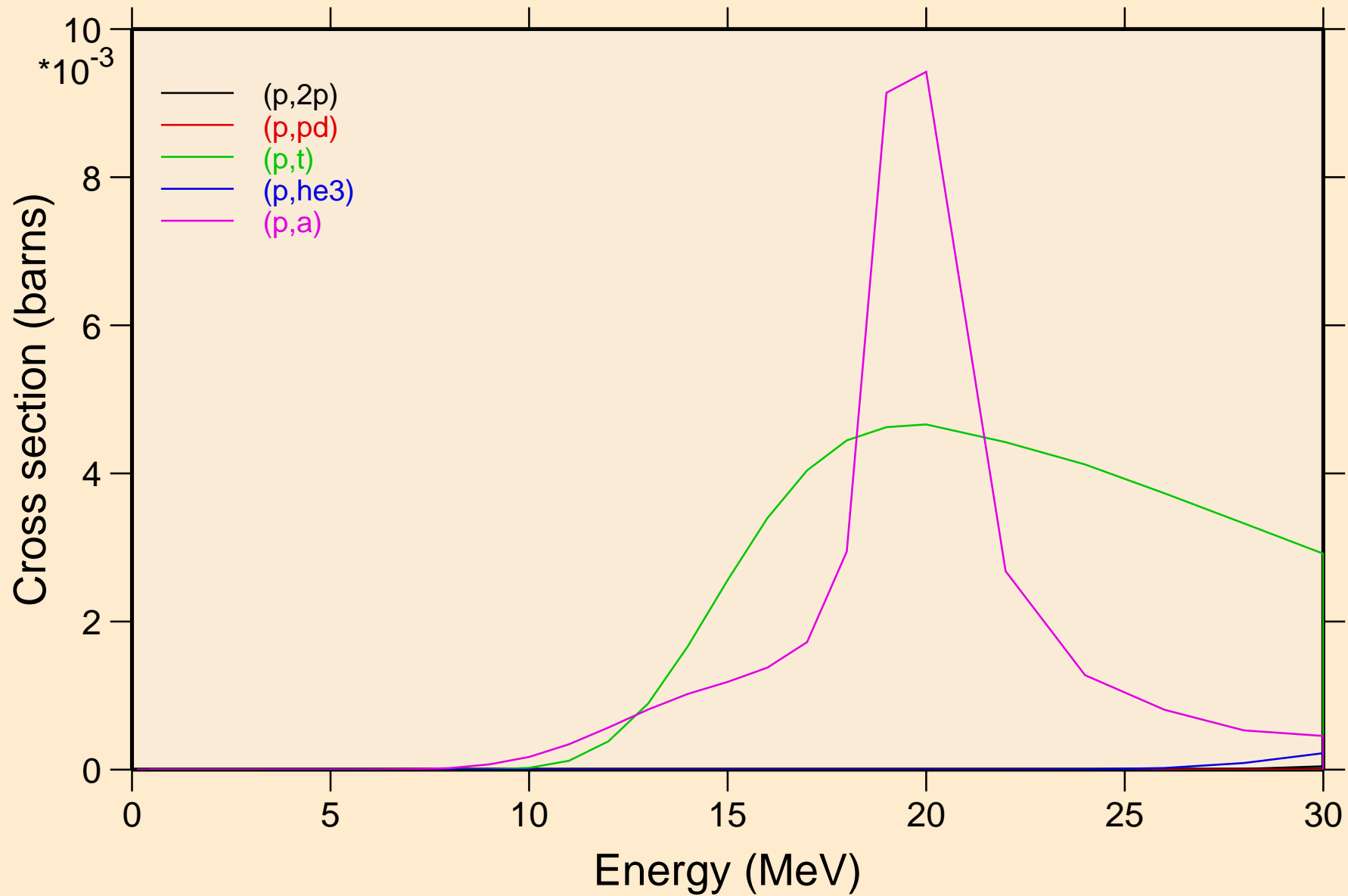


# AT228 PROTON ACER TENDL-2023 LIBRARY; T=0.K

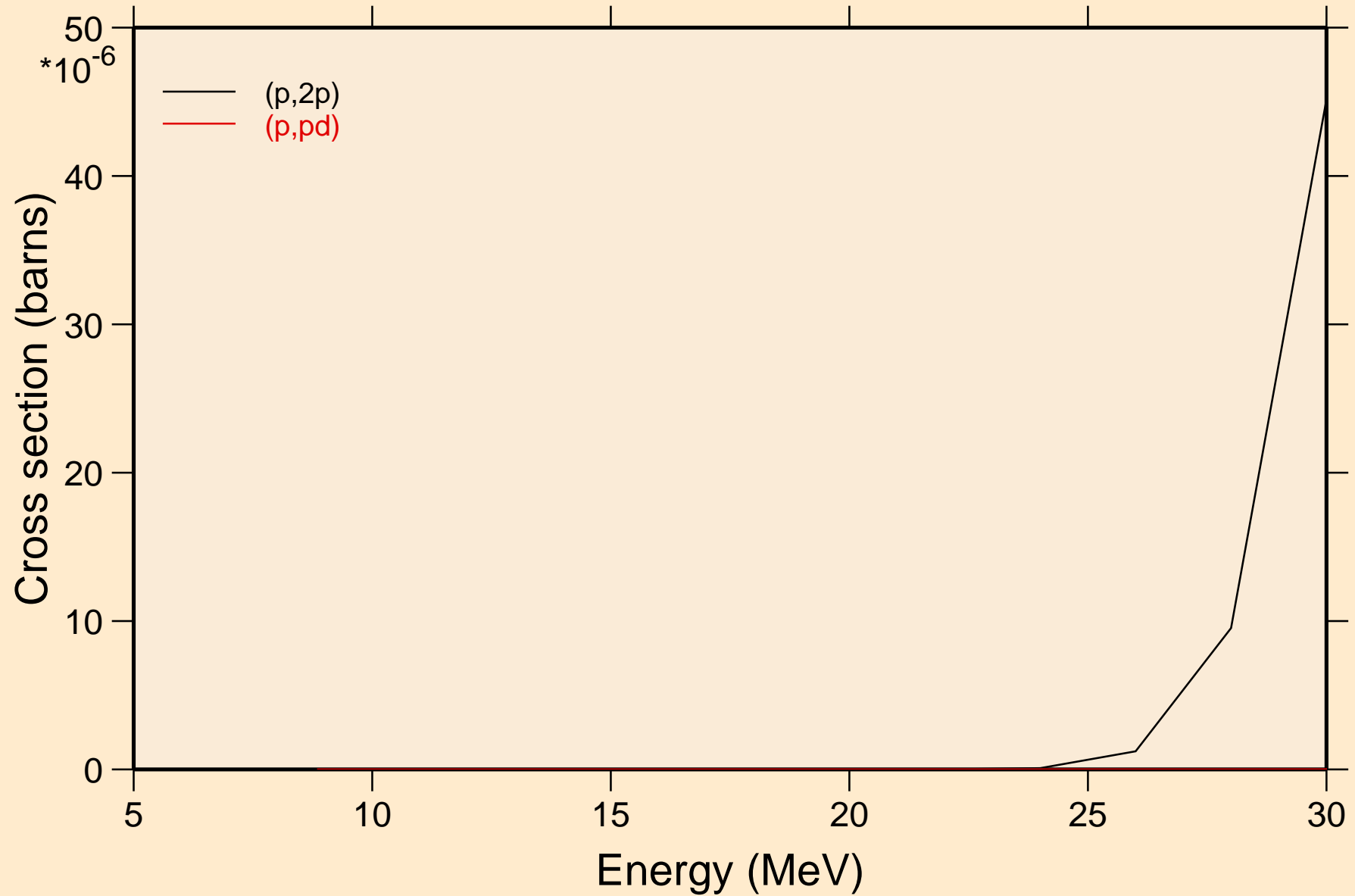
## Threshold reactions



AT228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

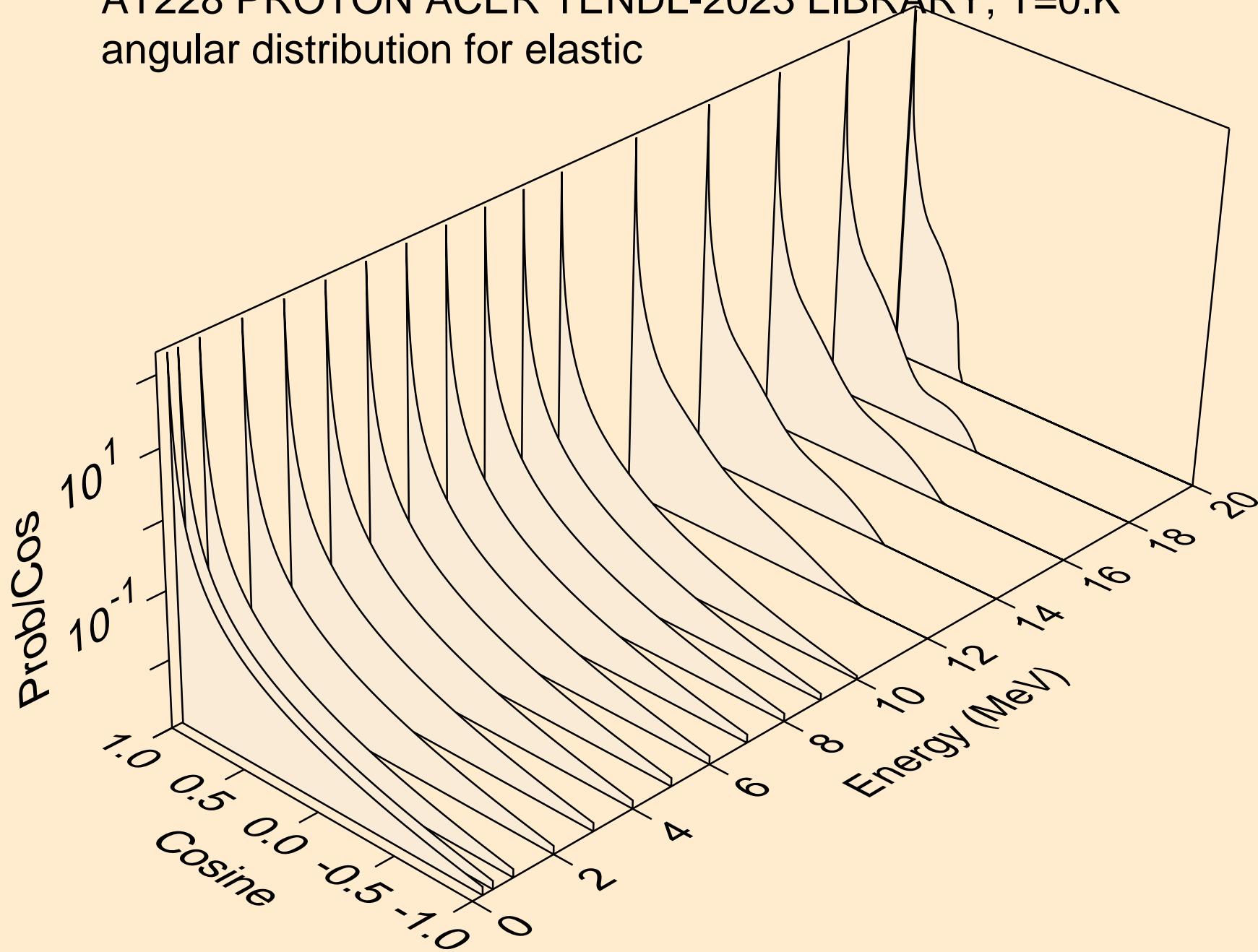


AT228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

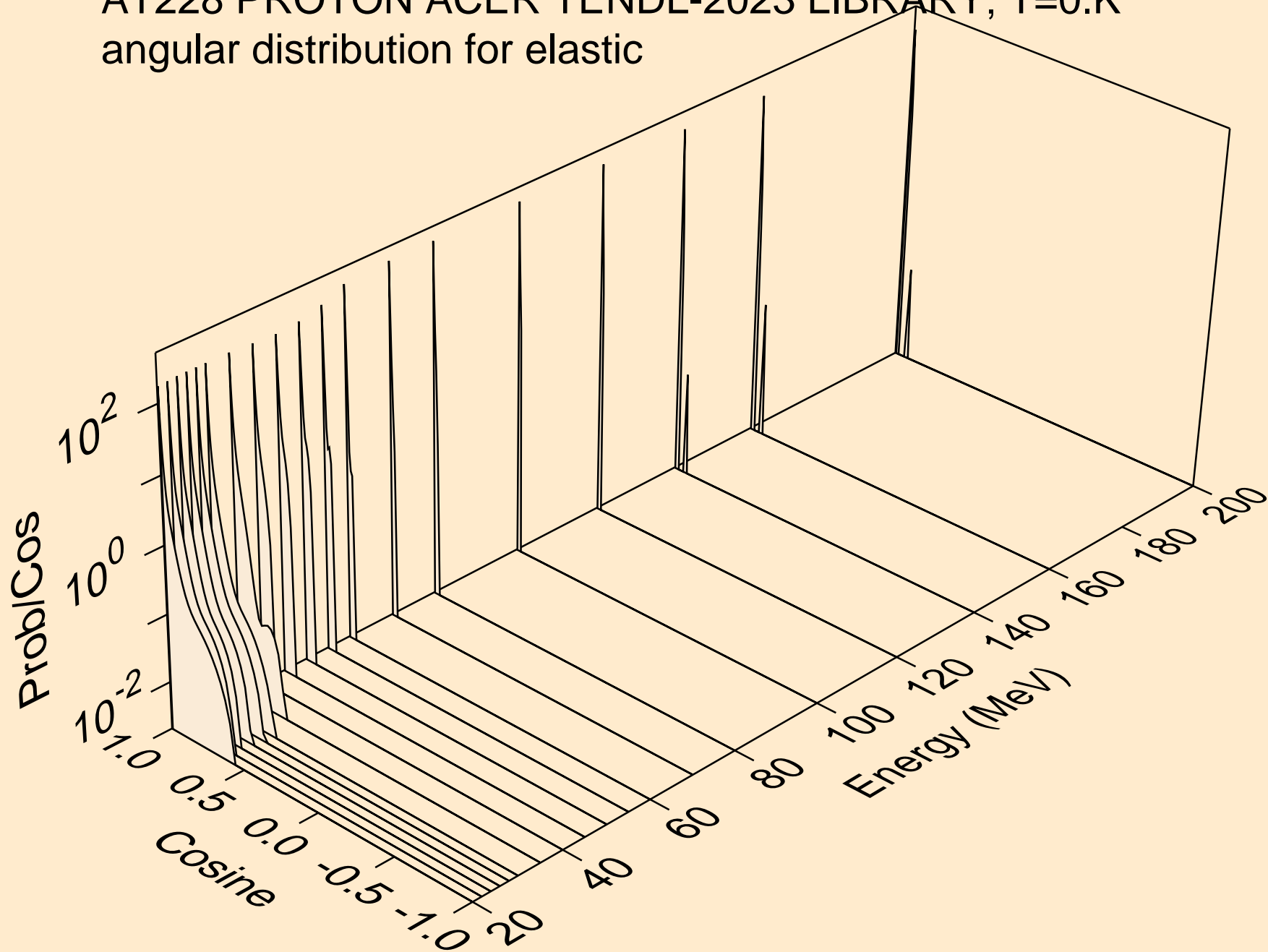




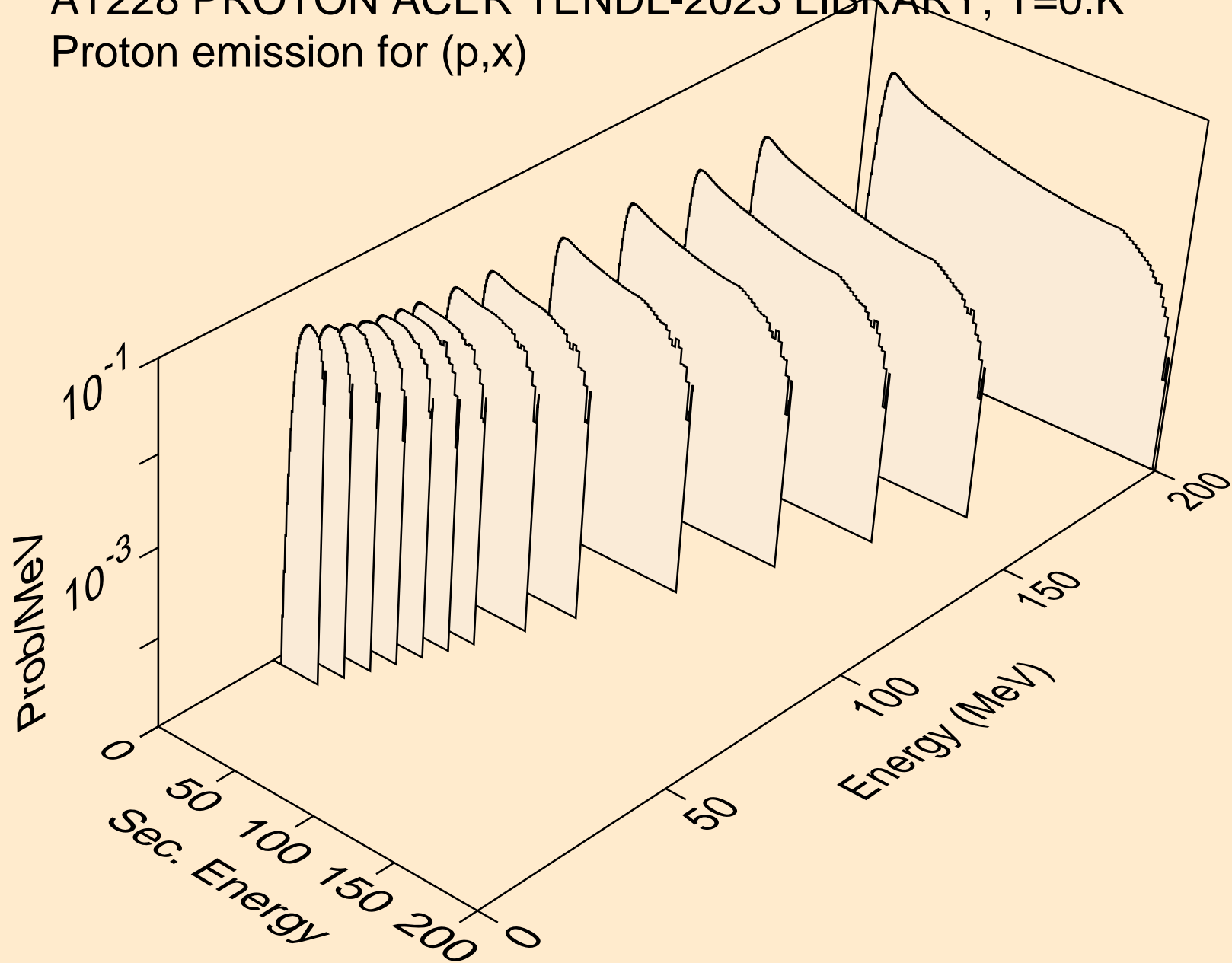
AT228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



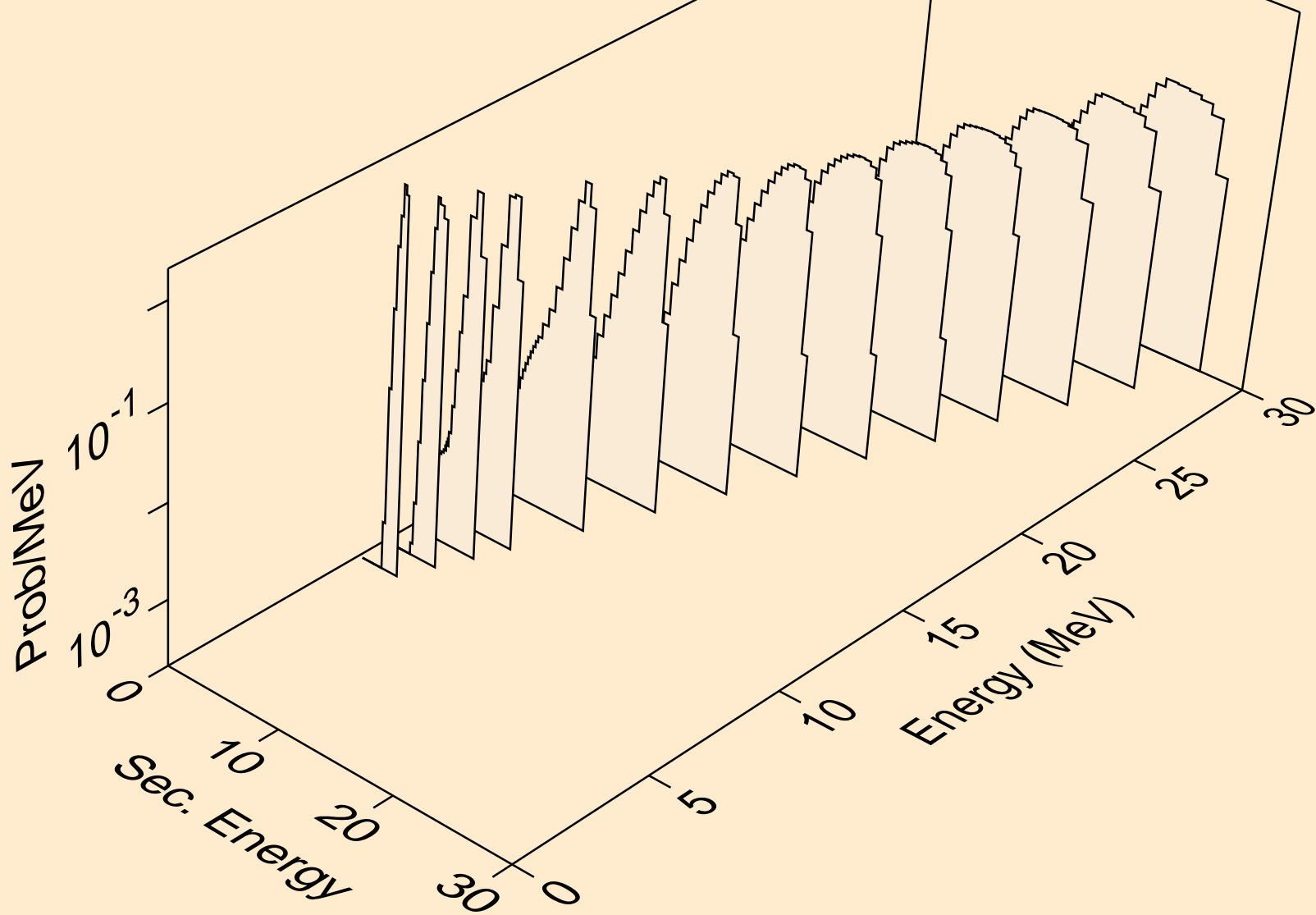
AT228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



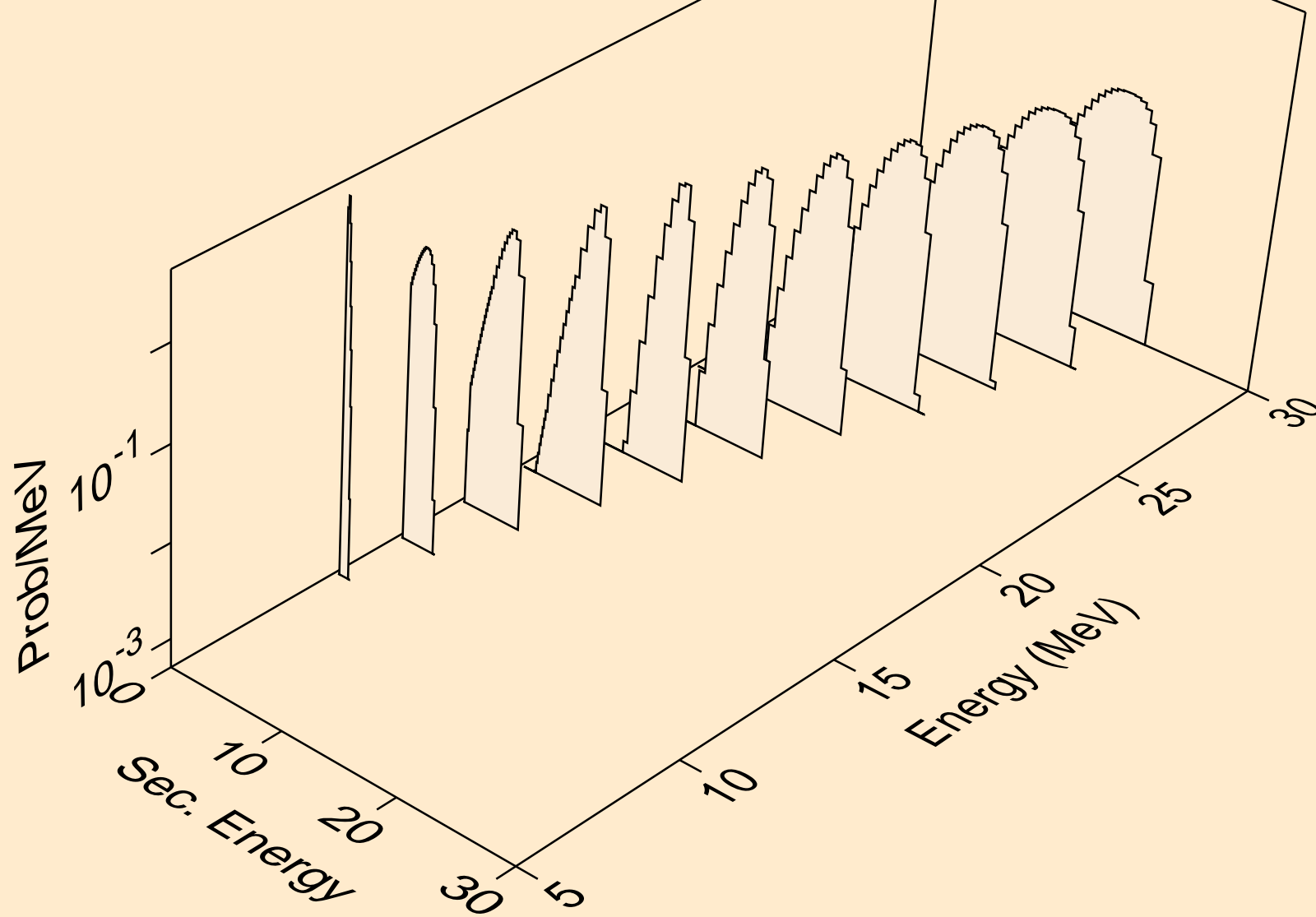
AT228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



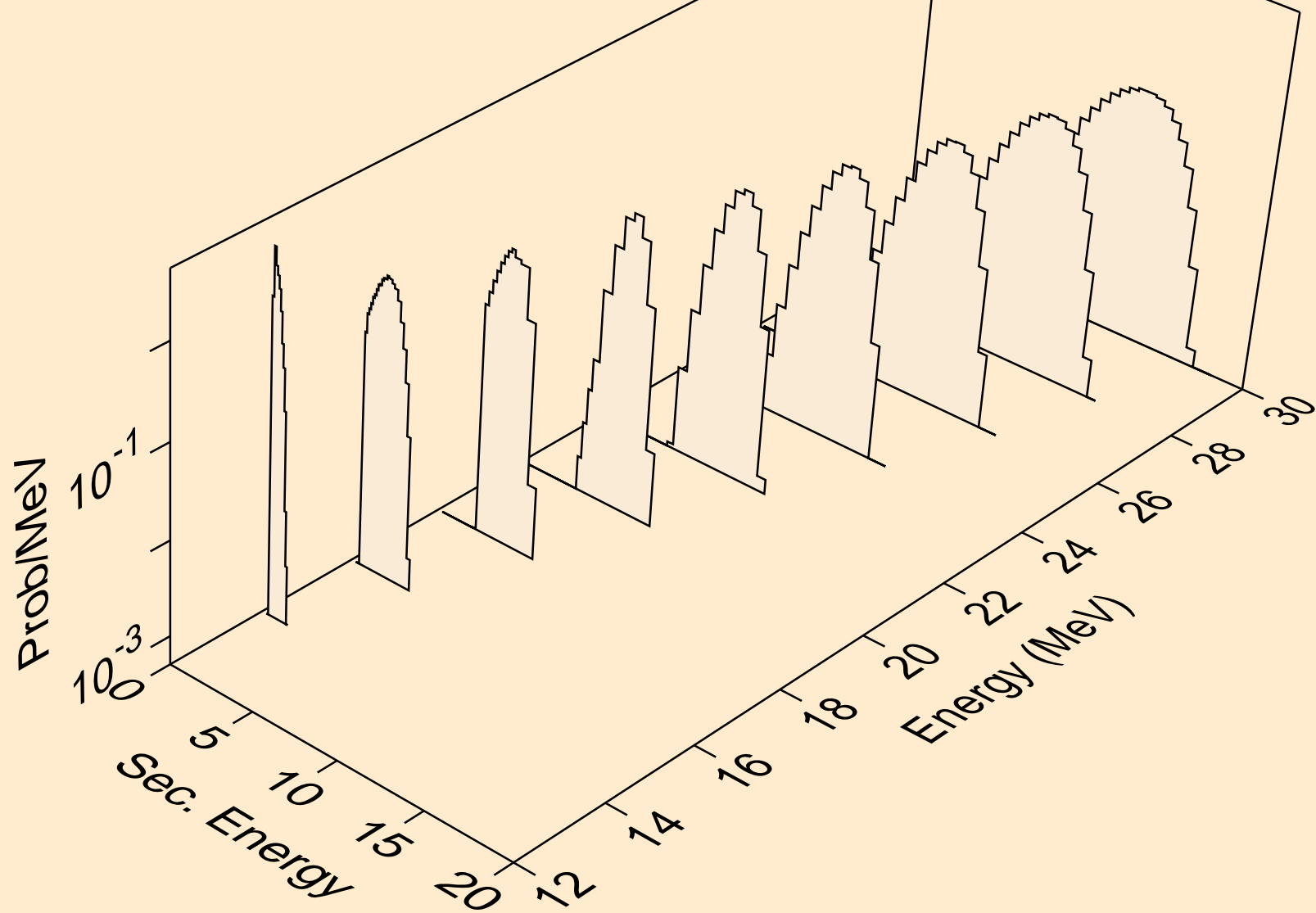
AT228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



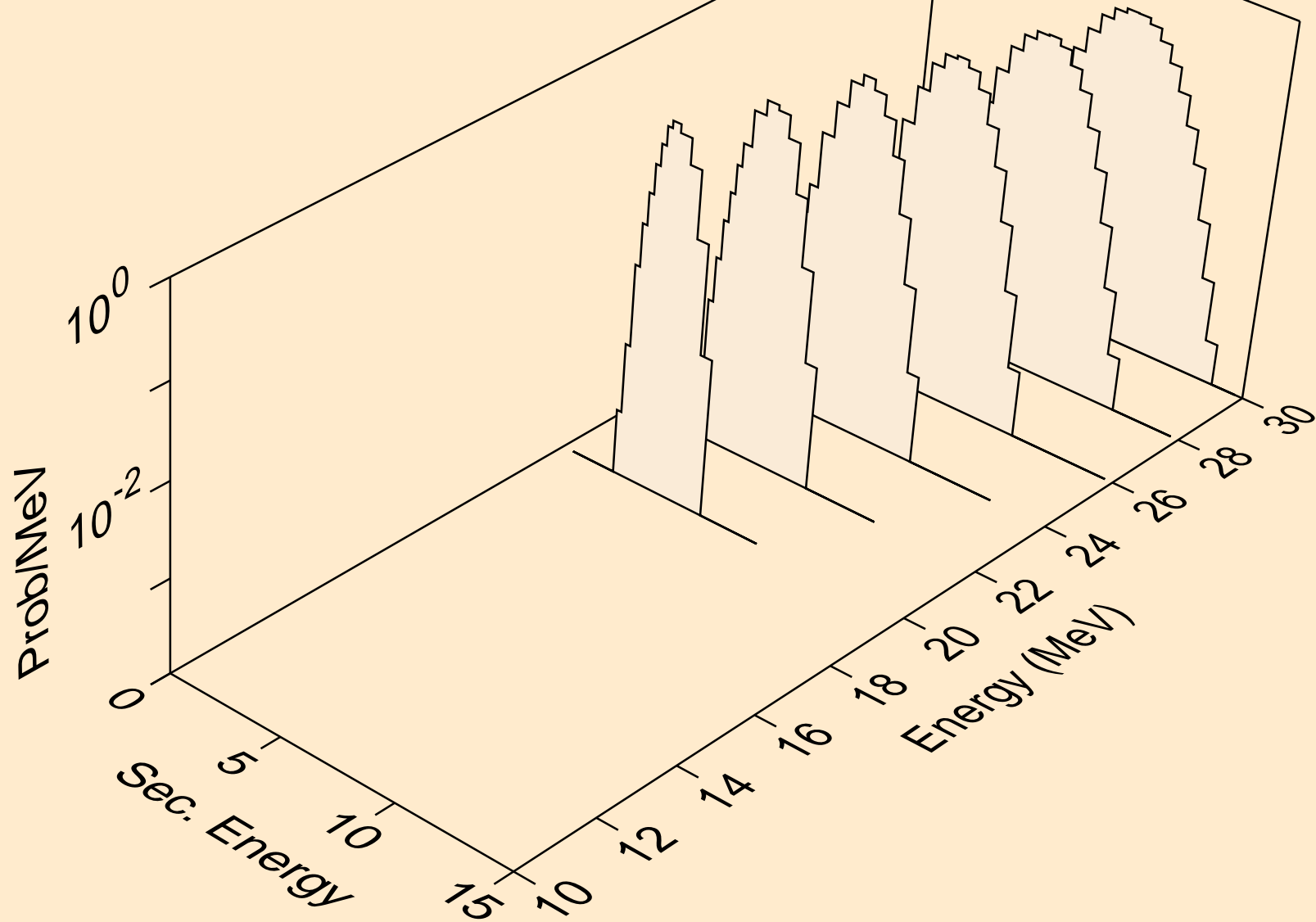
AT228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



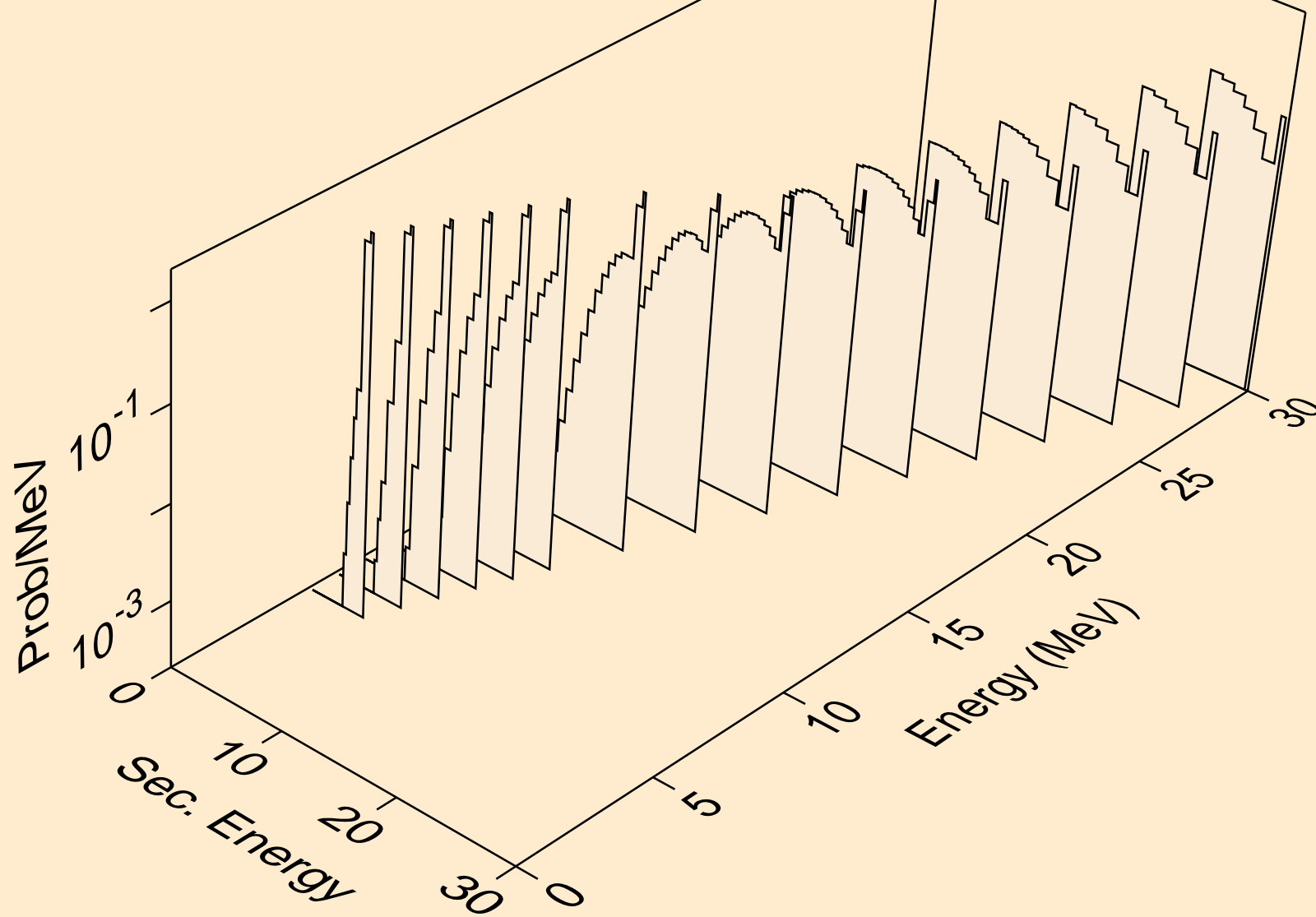
AT228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,3np)



AT228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)

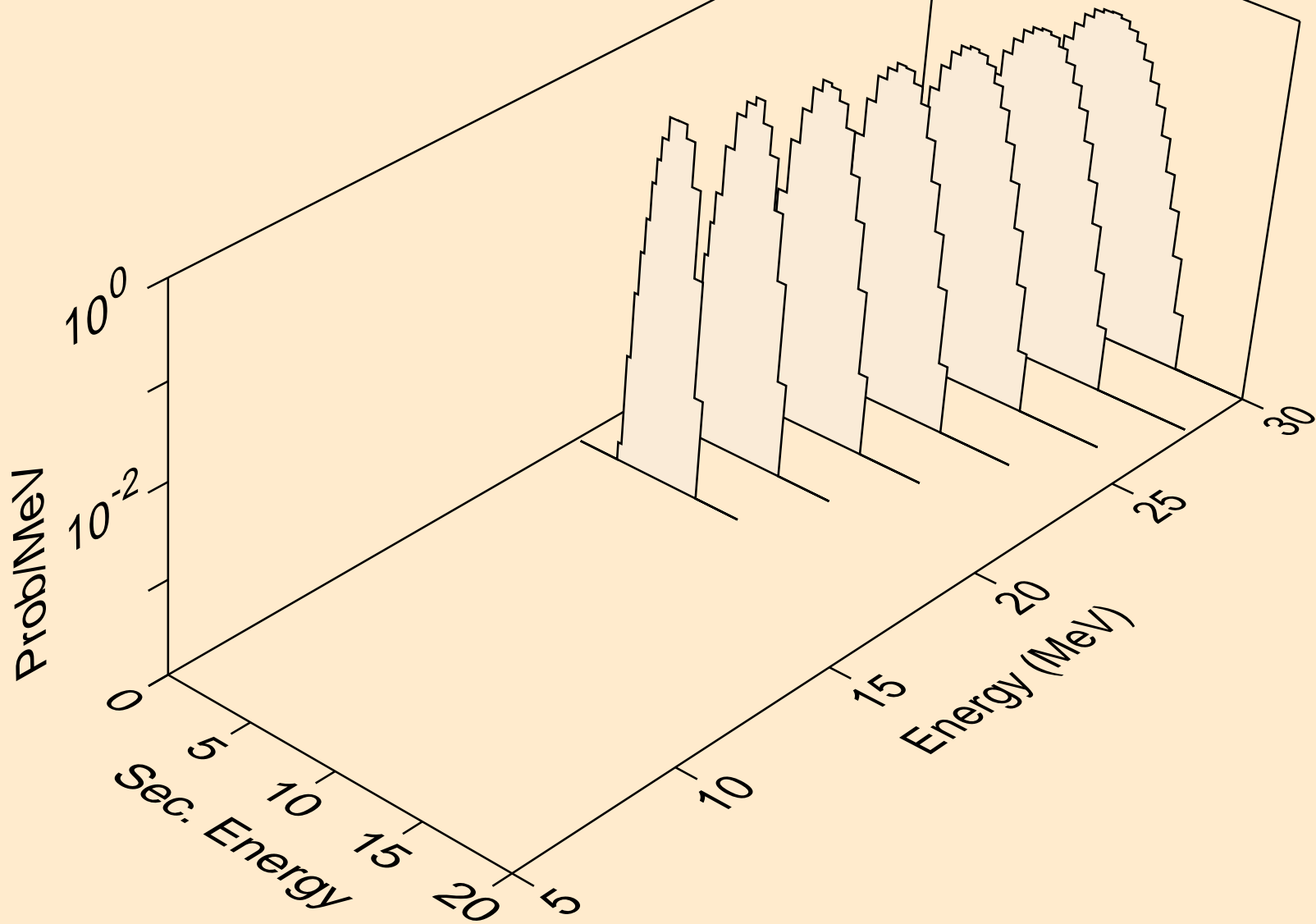


AT228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic

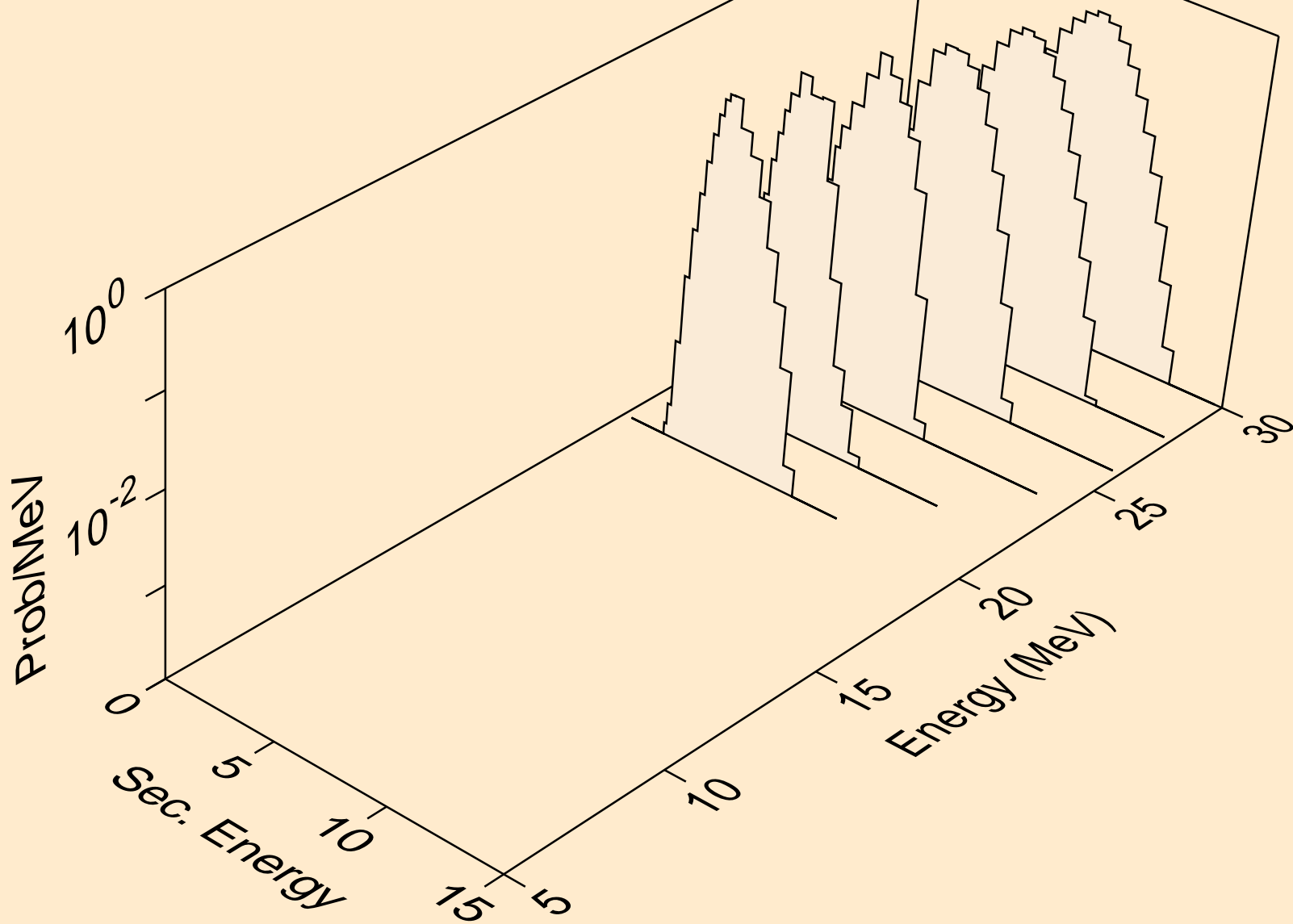




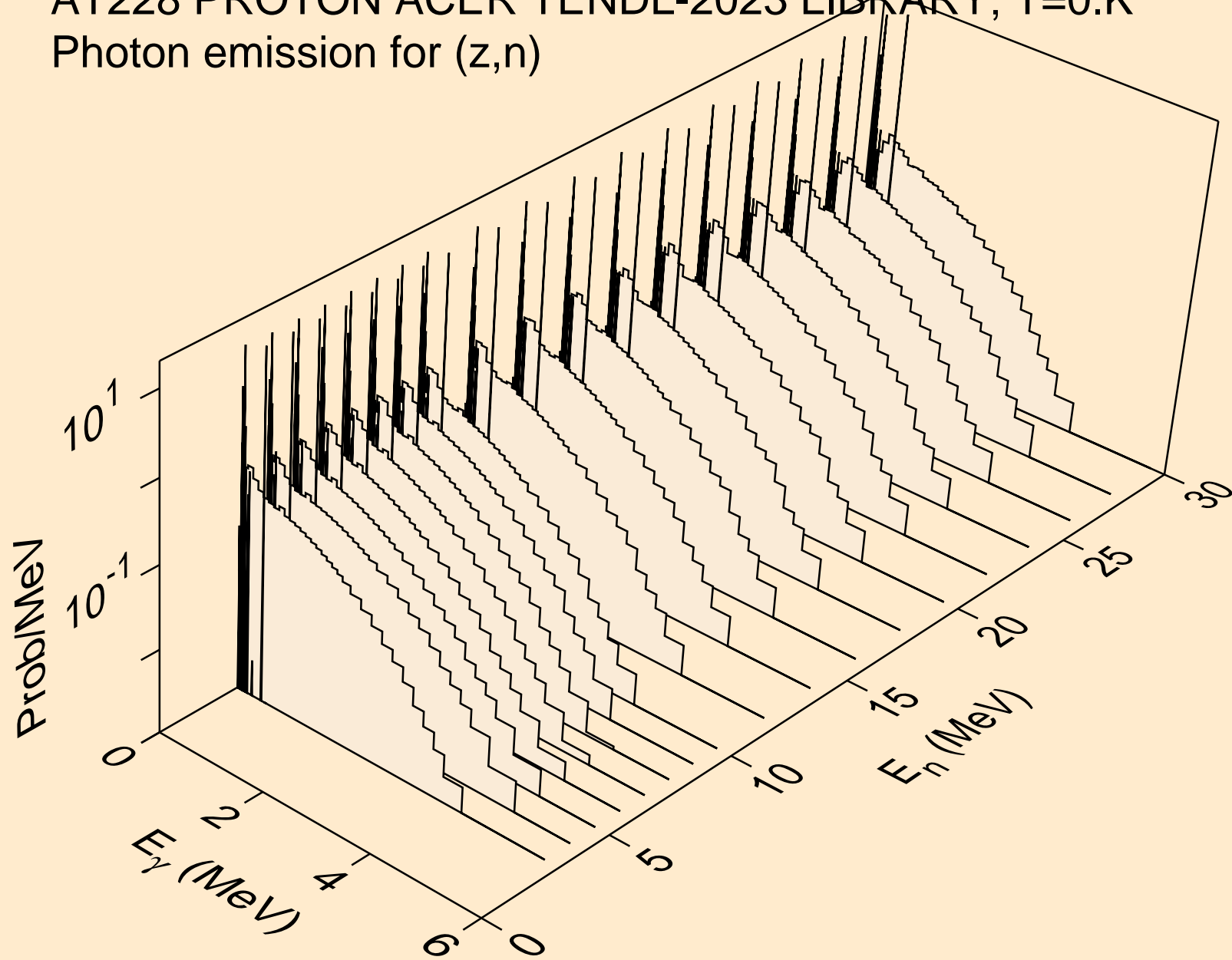
AT228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)



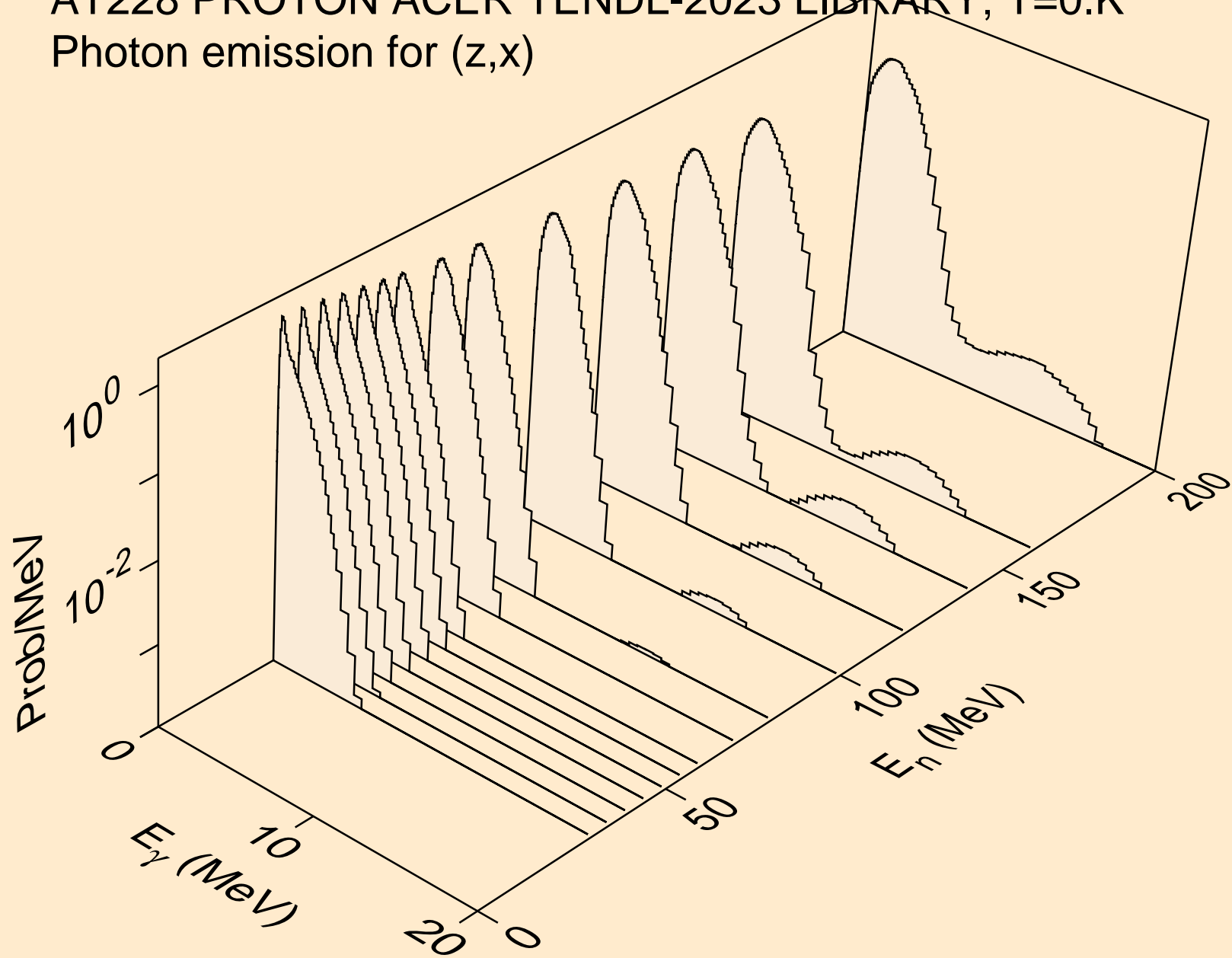
AT228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pd)



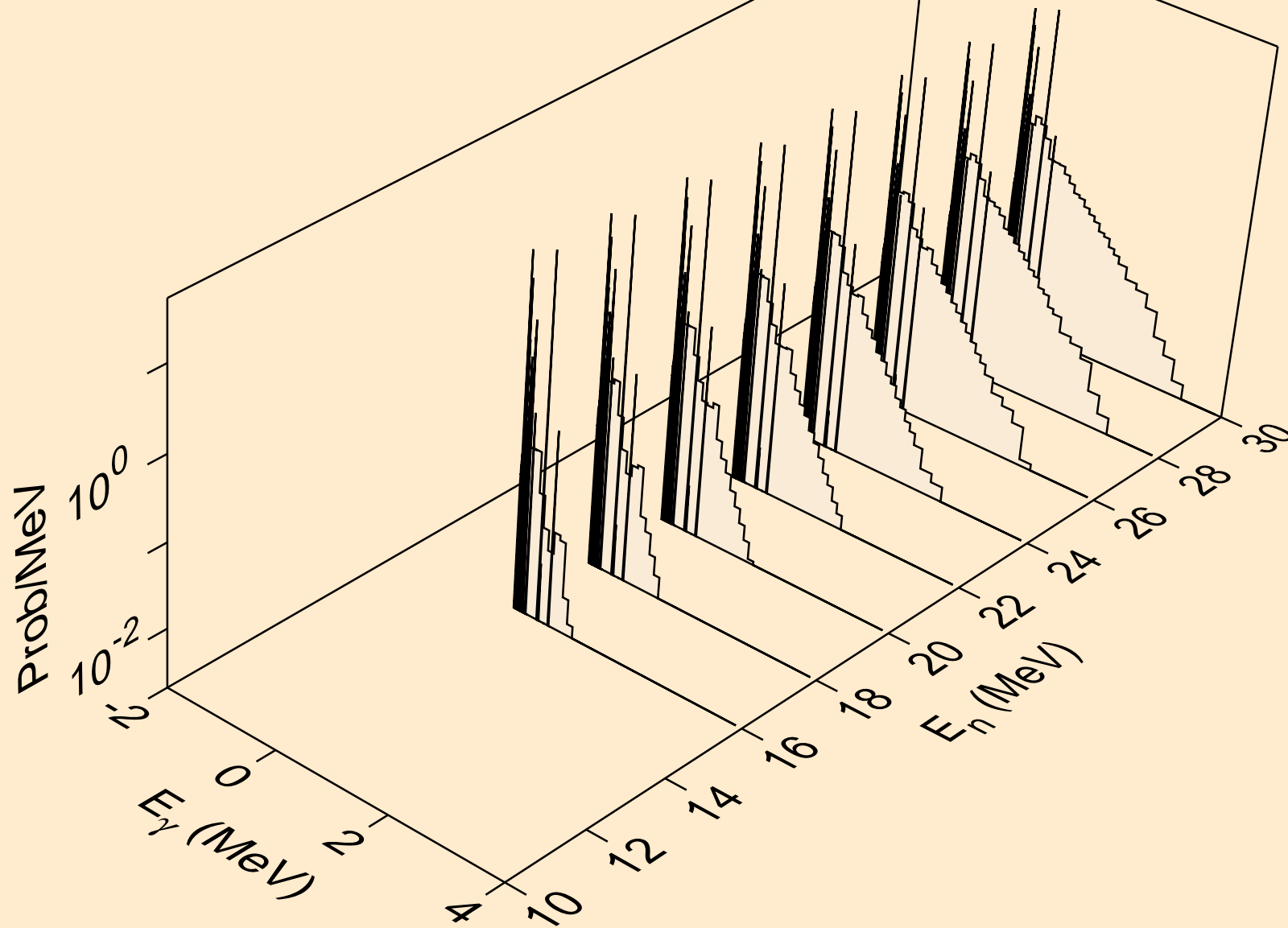
AT228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



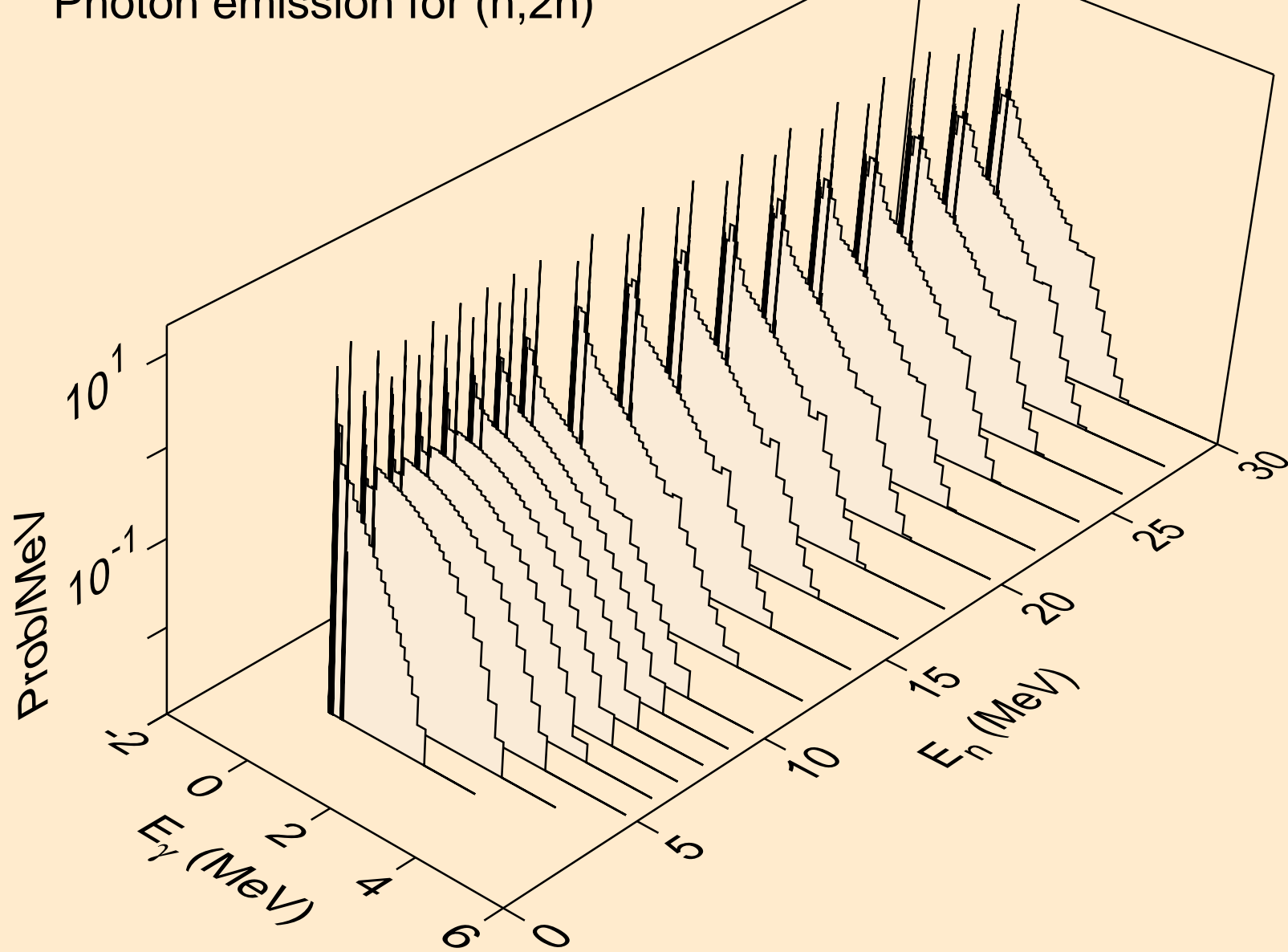
AT228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



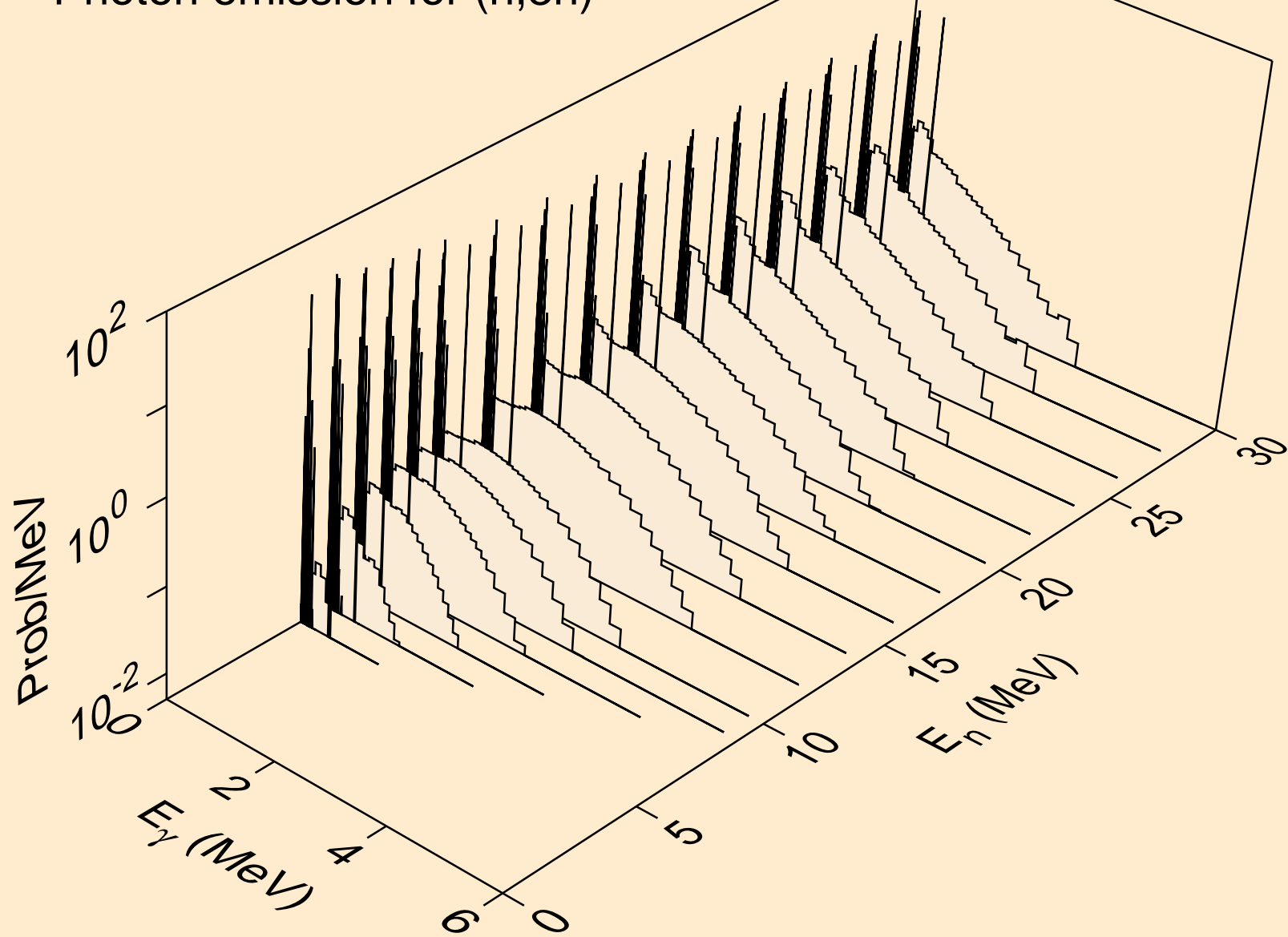
AT228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



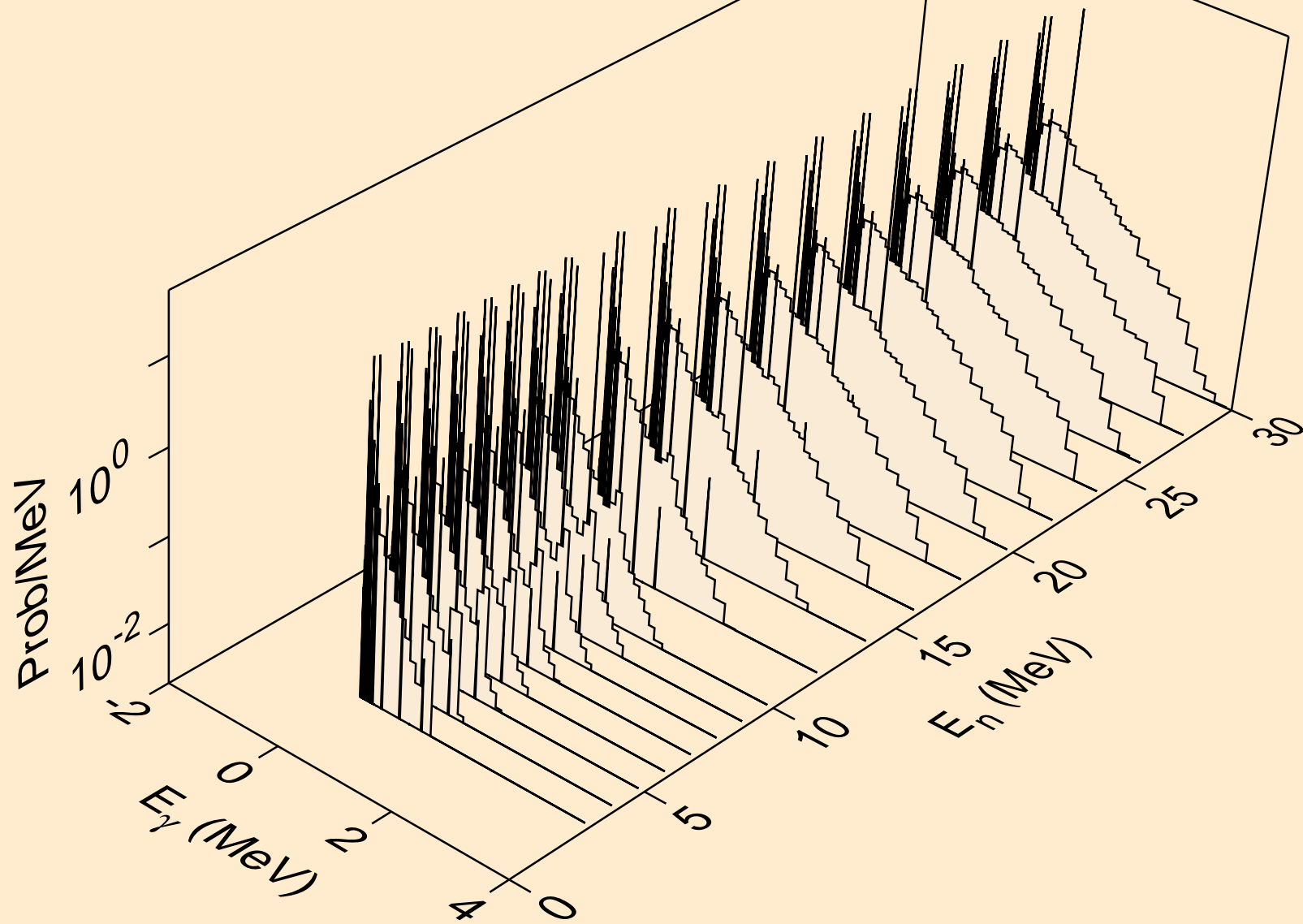
AT228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



AT228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)

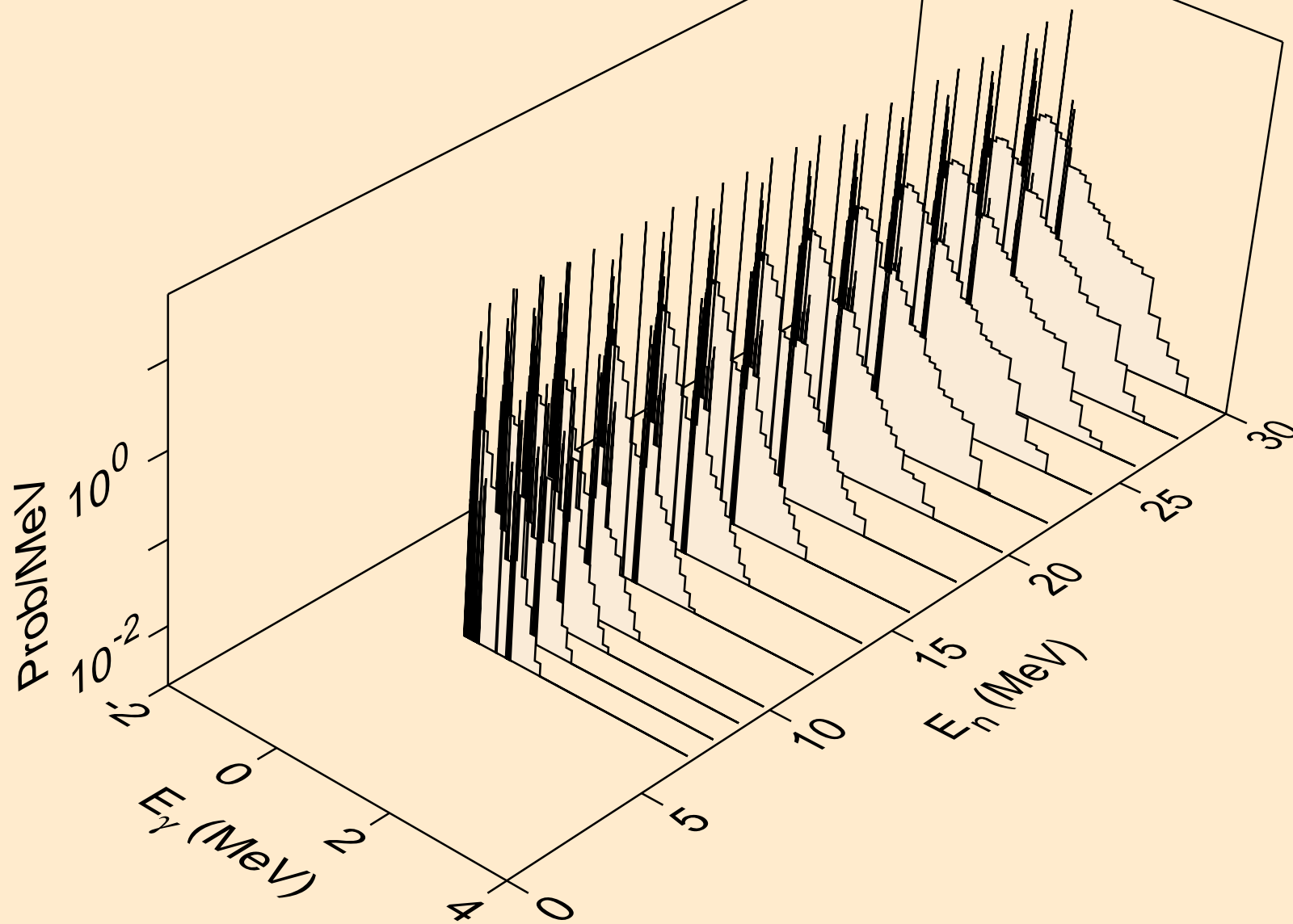


AT228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

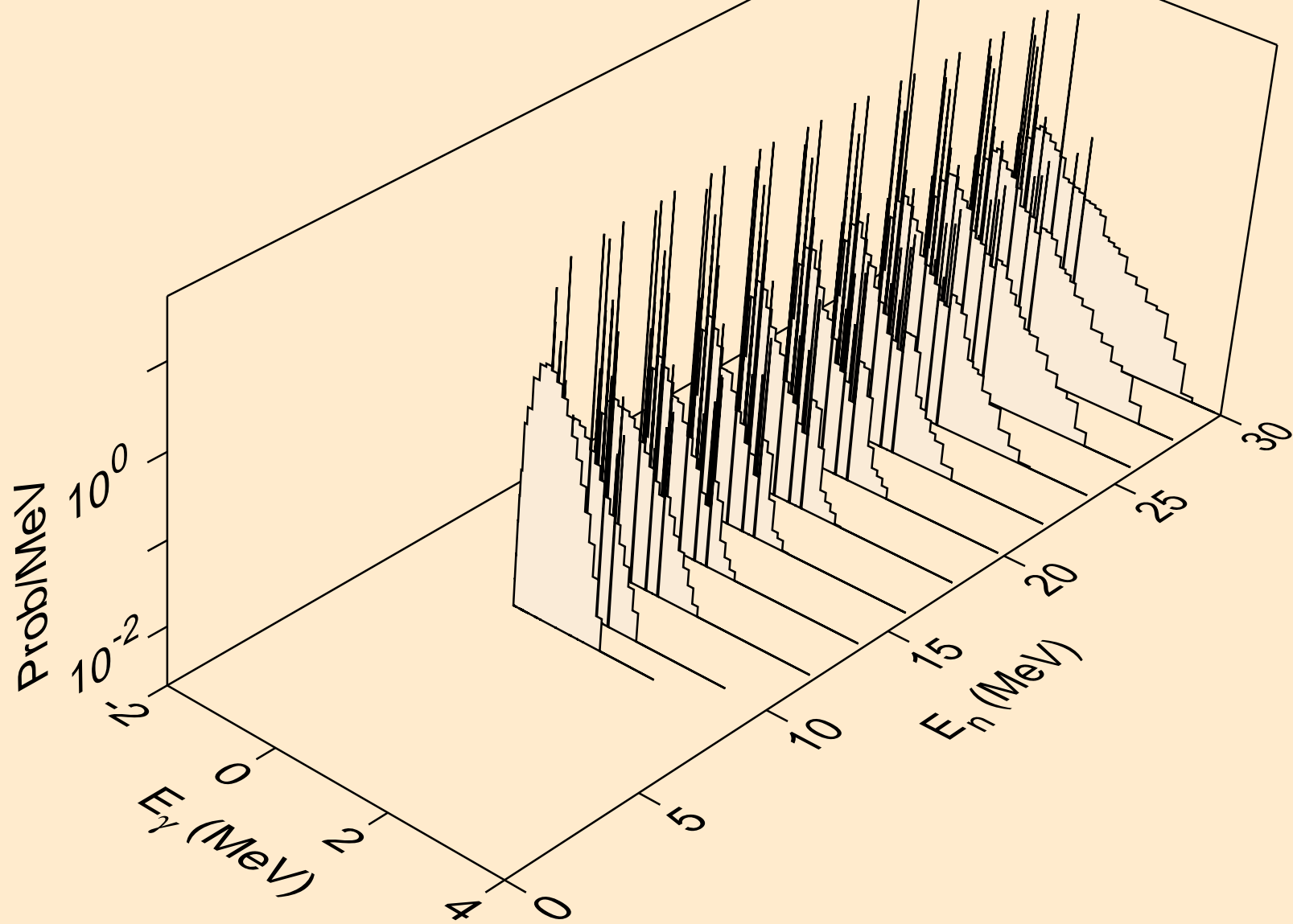




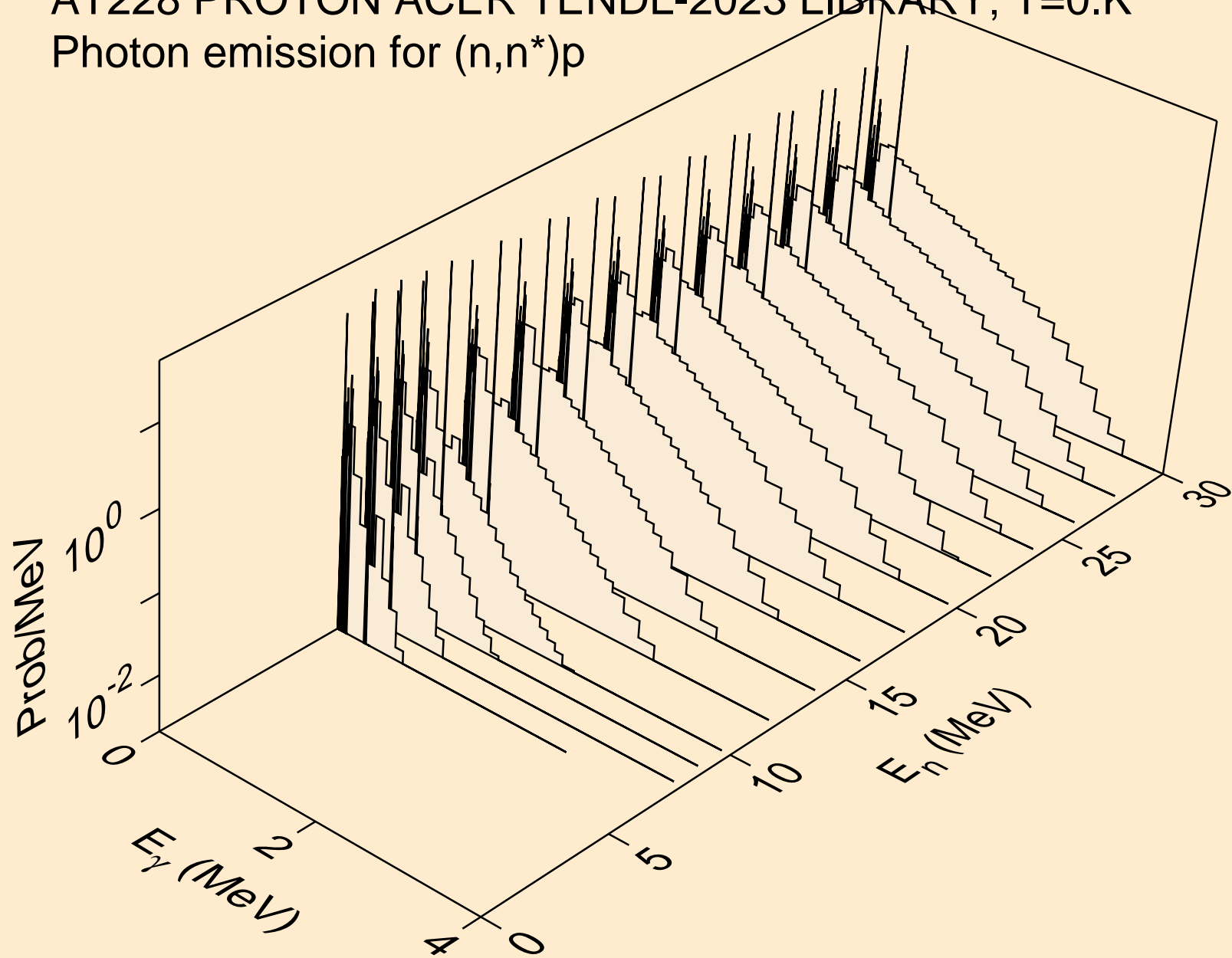
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Photon emission for (n,2n)a



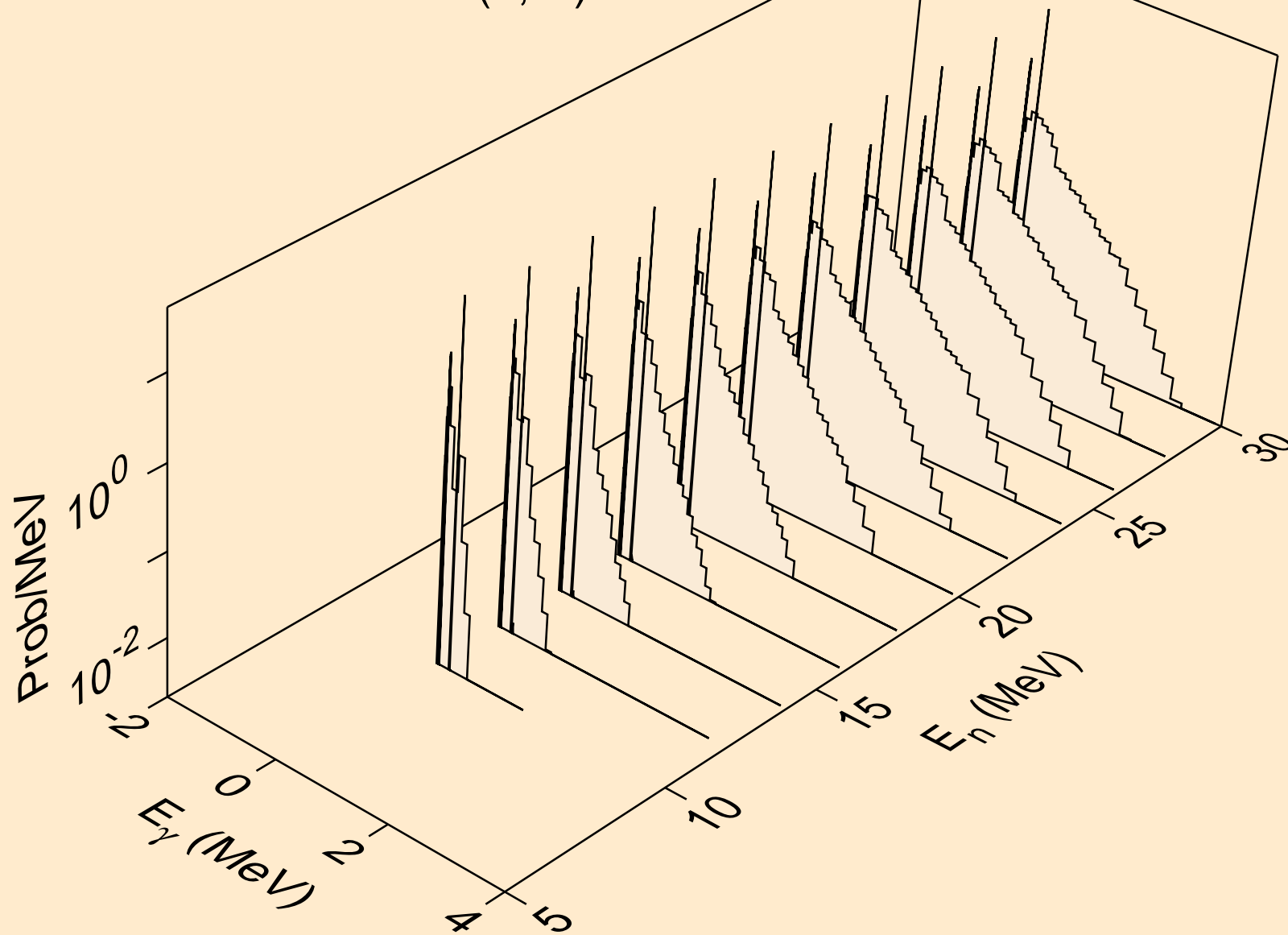
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Photon emission for (n,3n)a



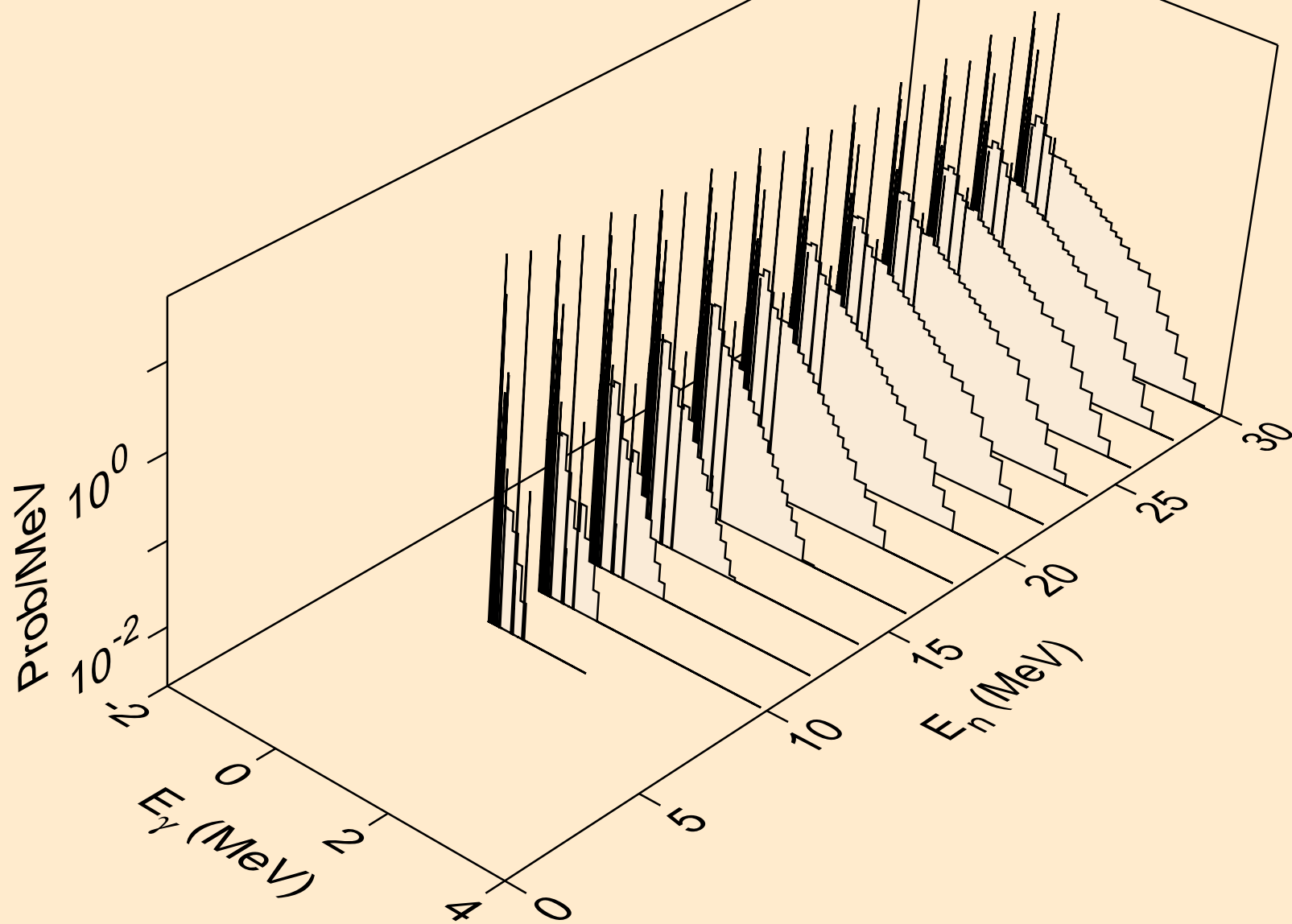
AT228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



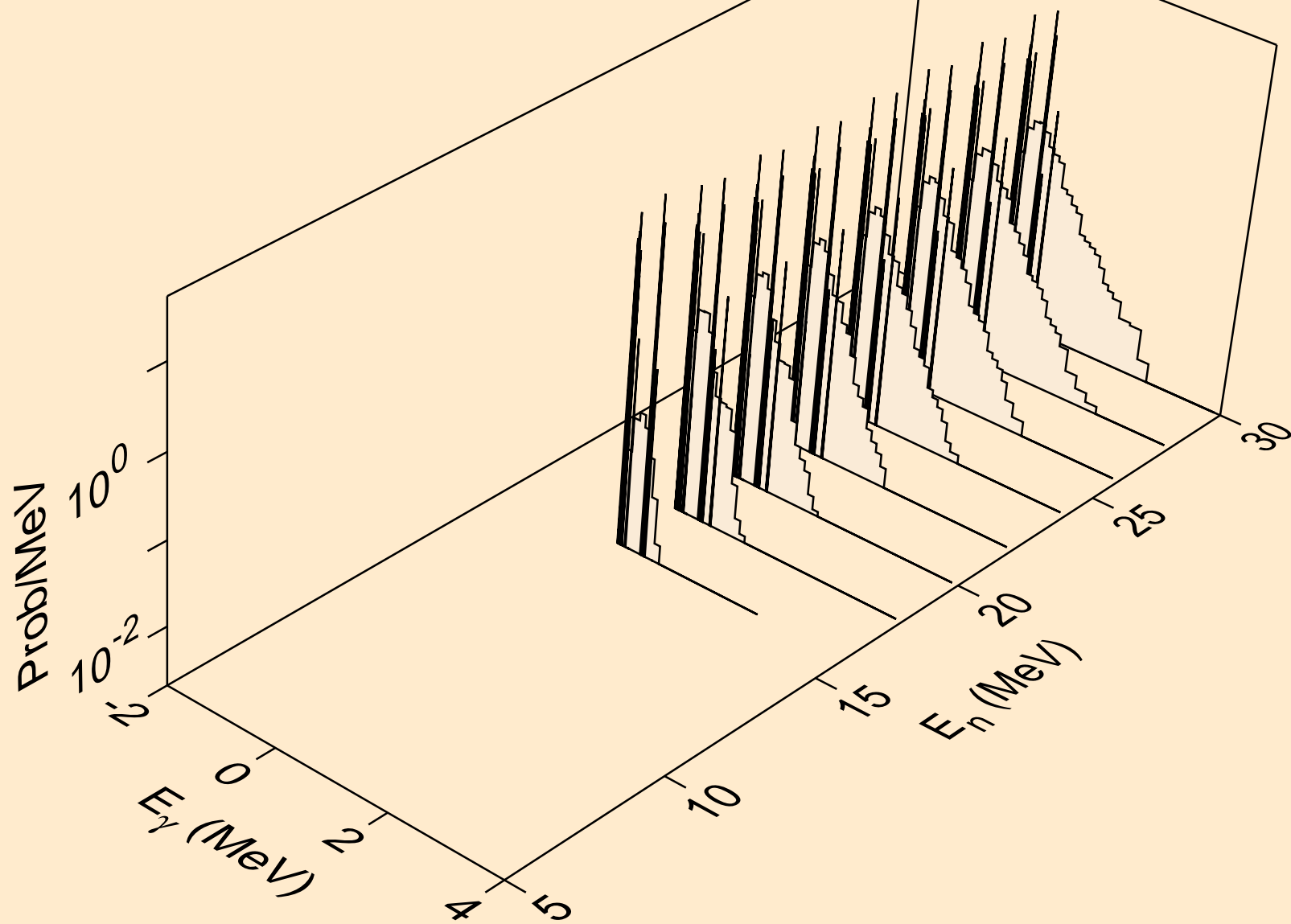
AT228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



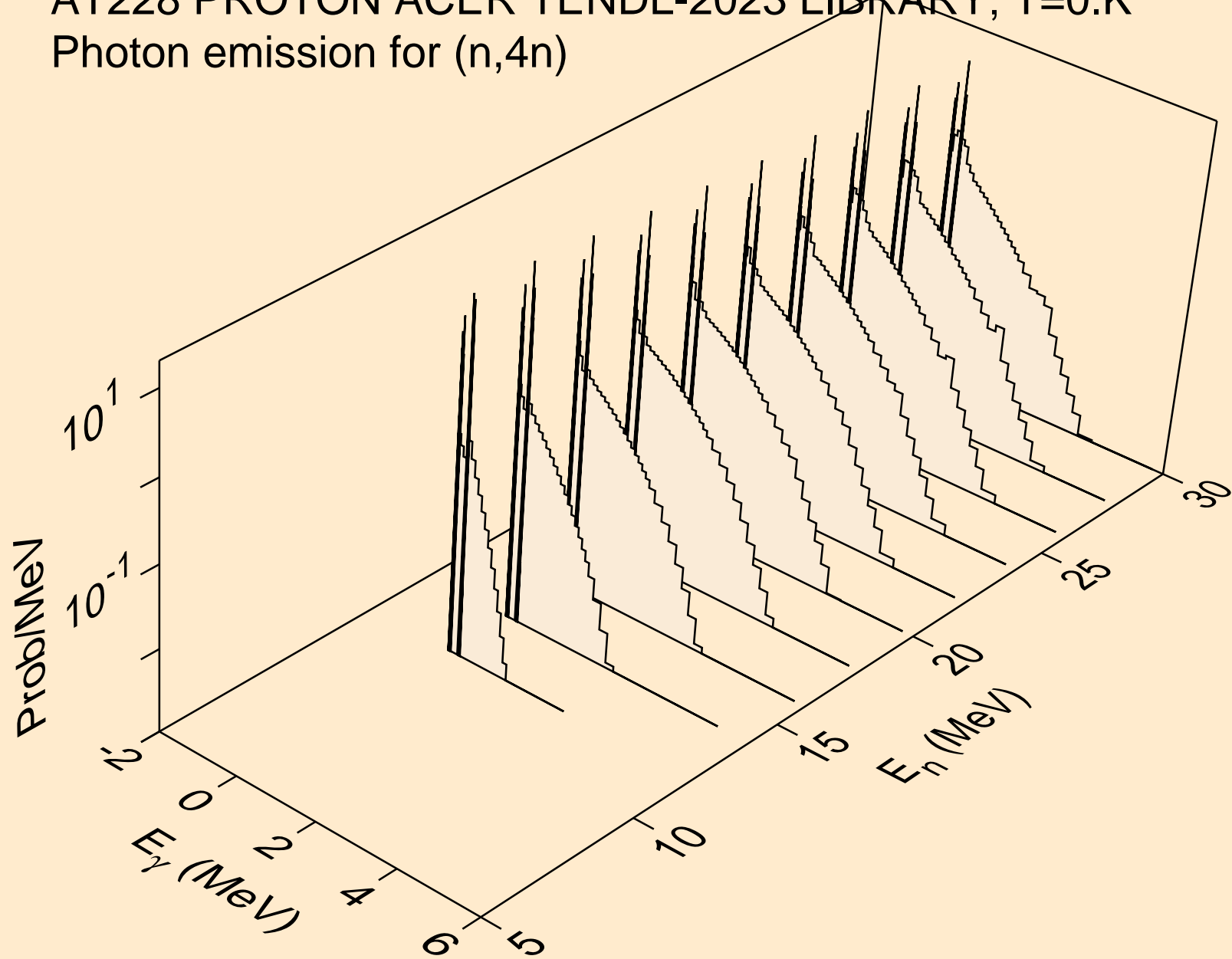
AT228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



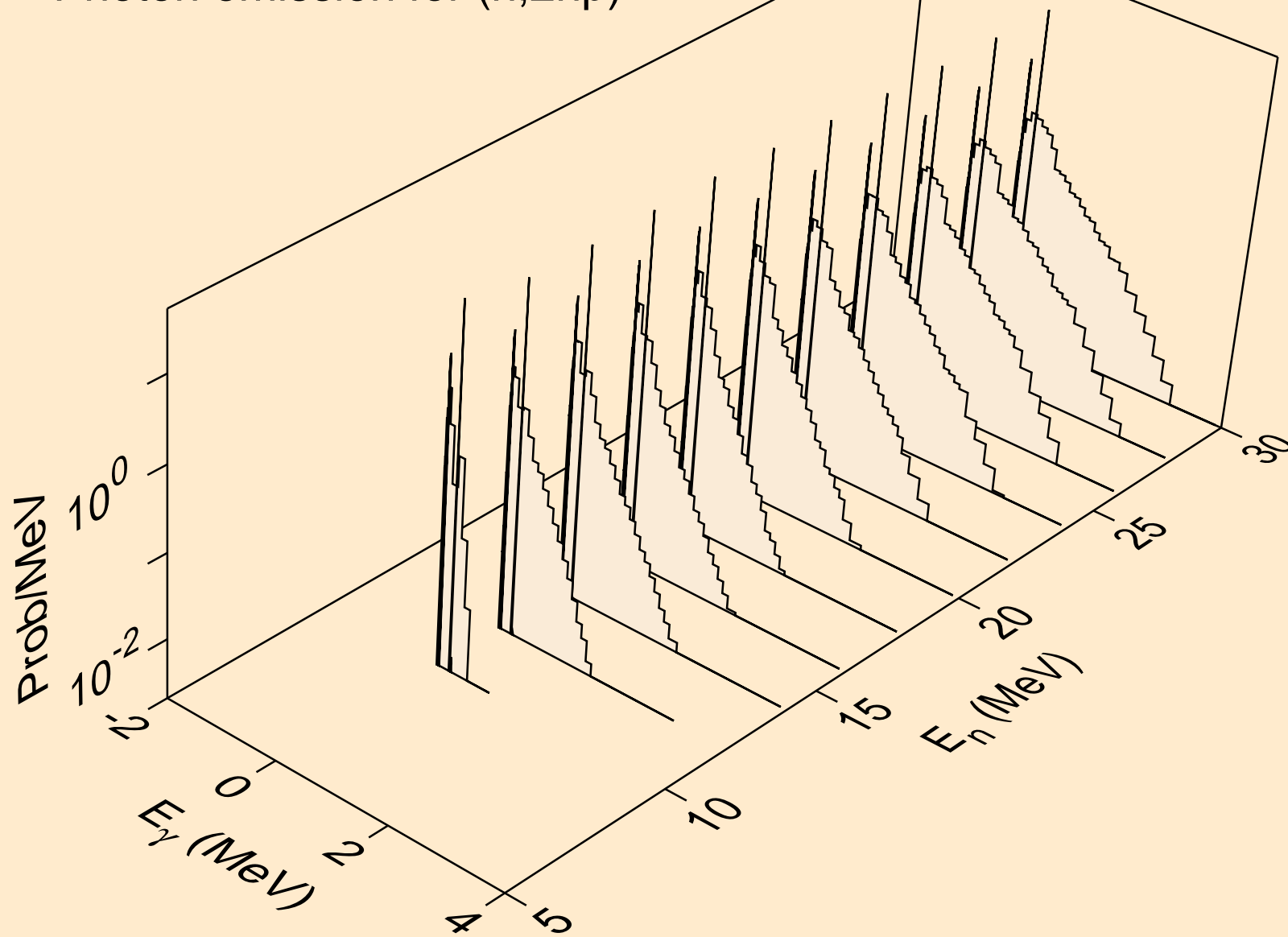
AT228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



AT228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)

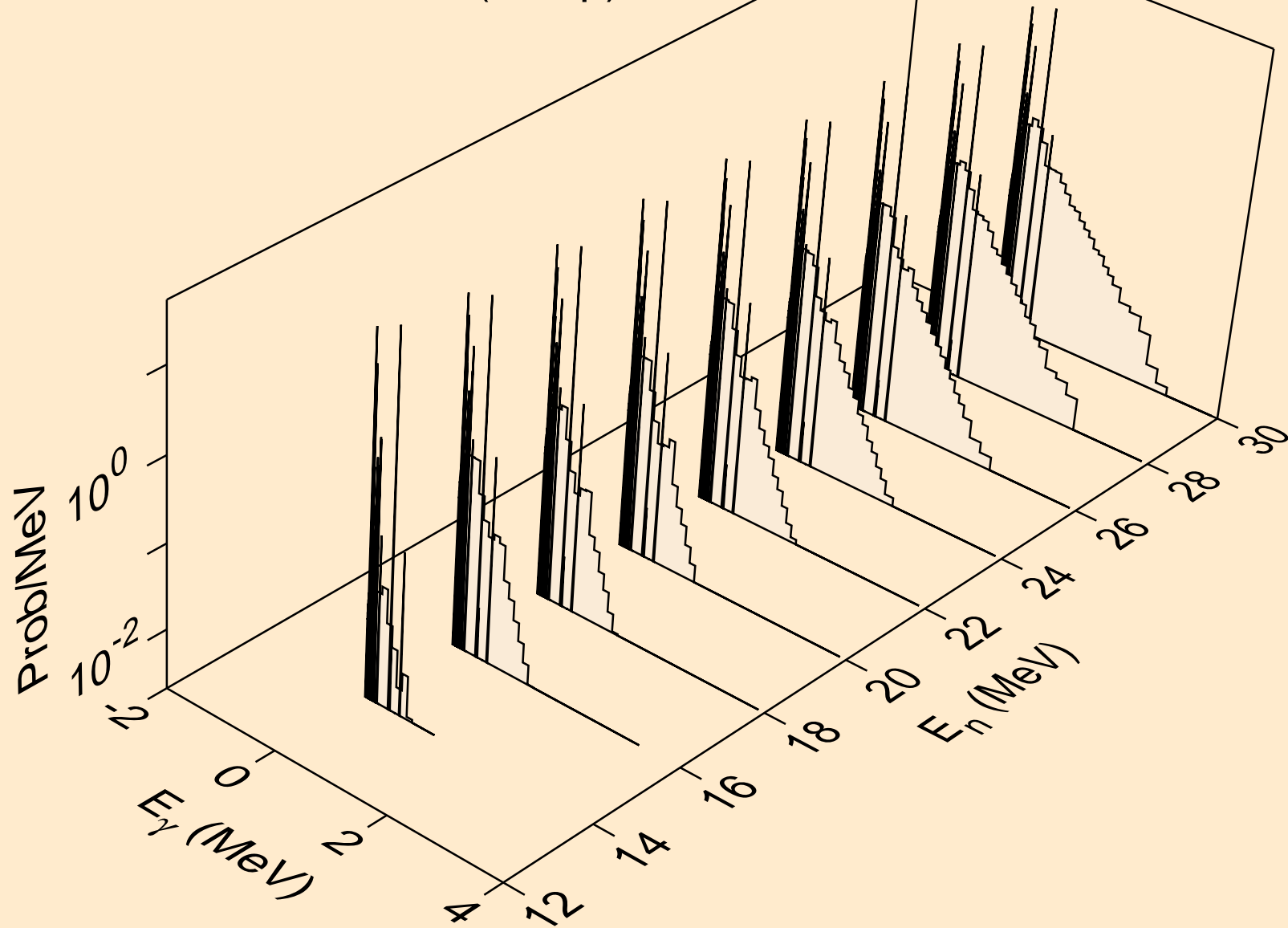


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Photon emission for (n,2np)

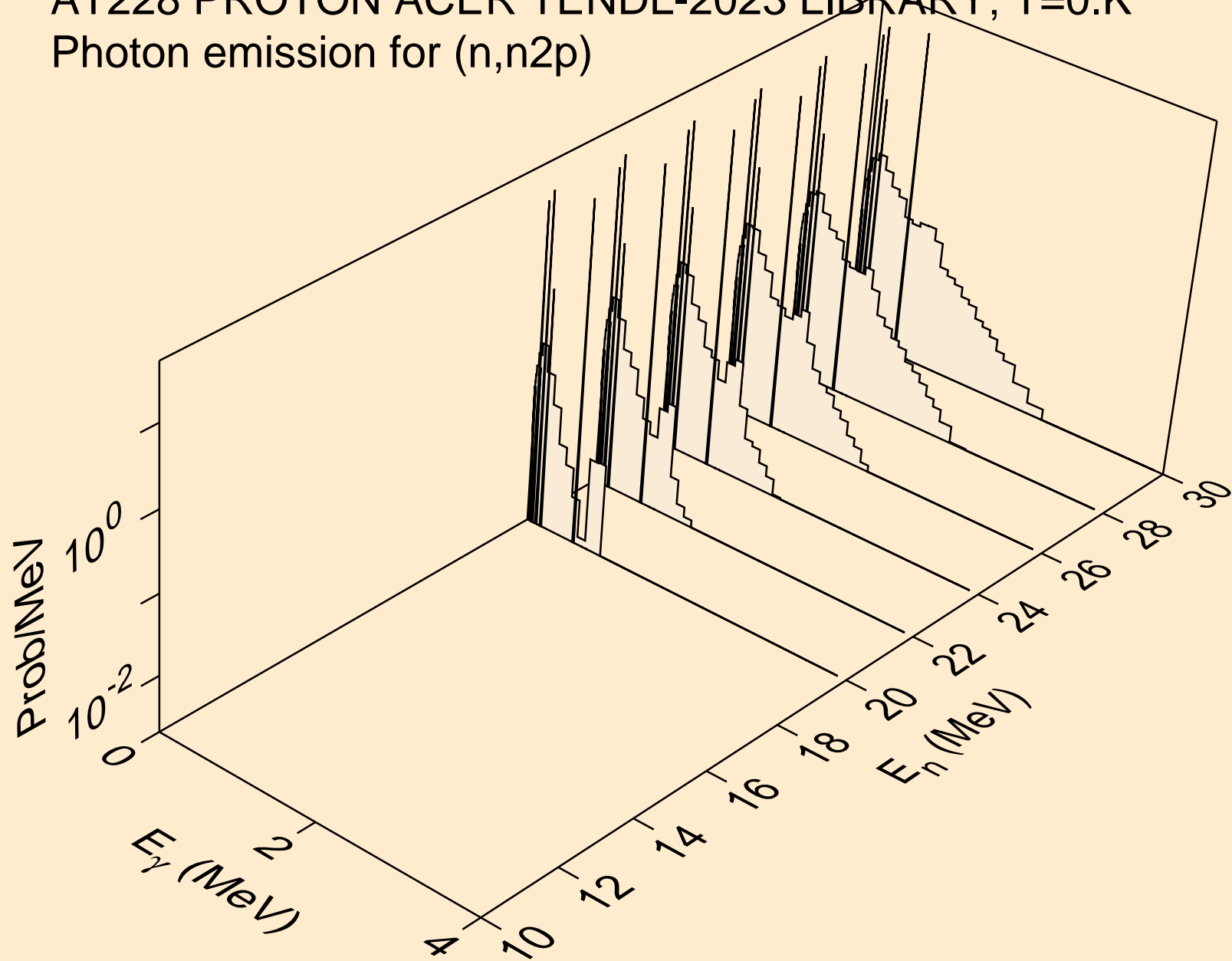




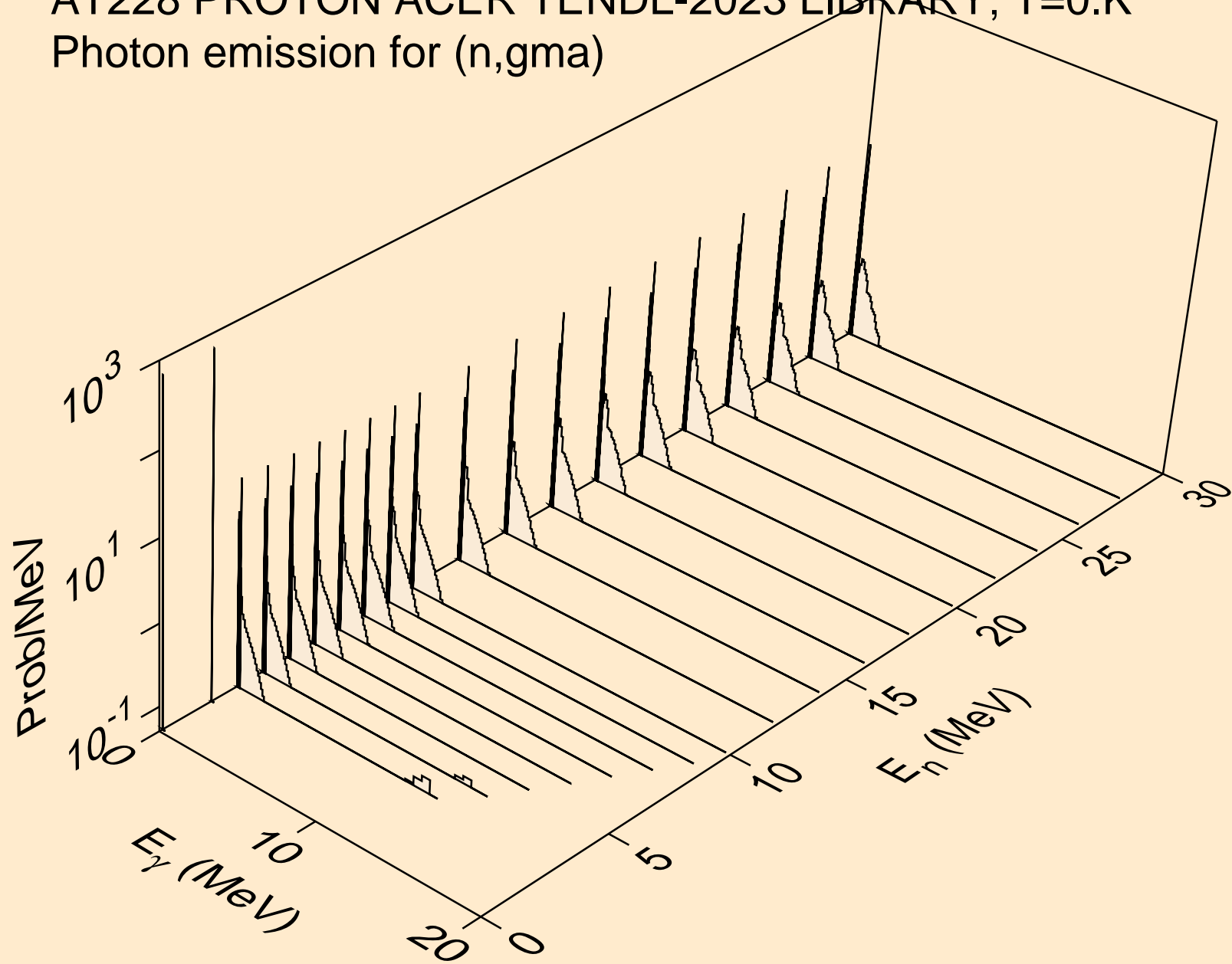
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Photon emission for (n,3np)



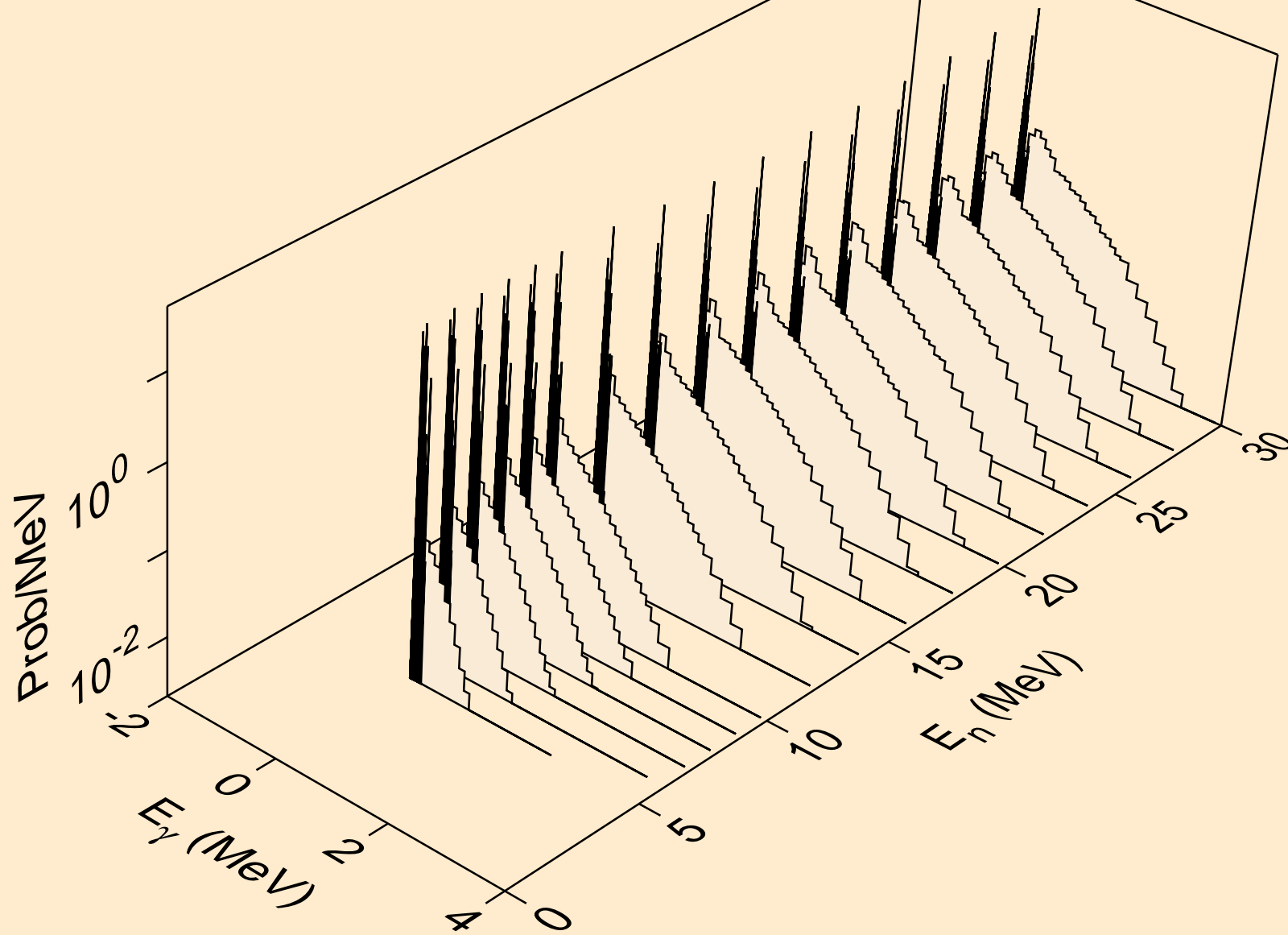
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Photon emission for (n,n2p)



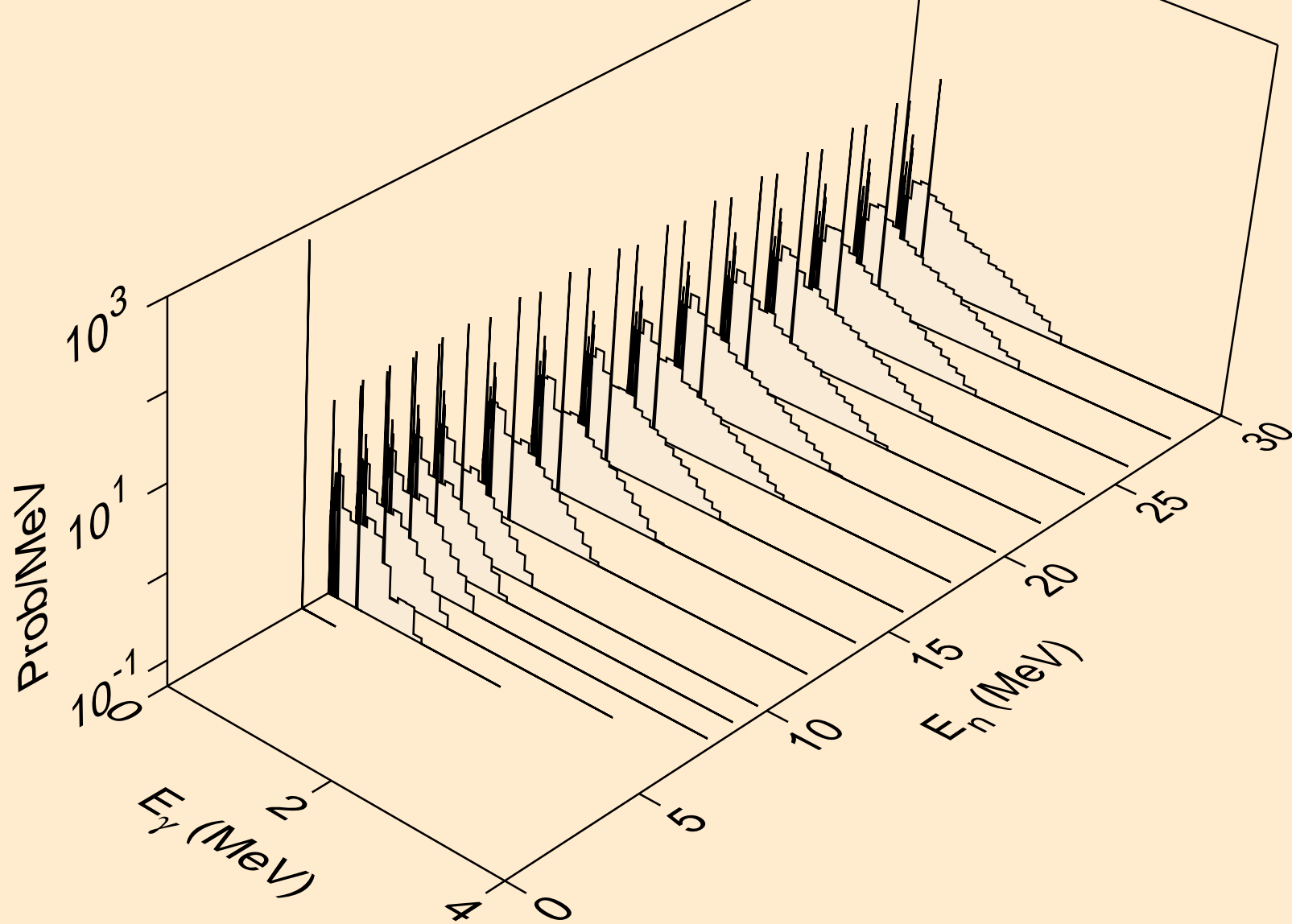
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Photon emission for (n,gma)



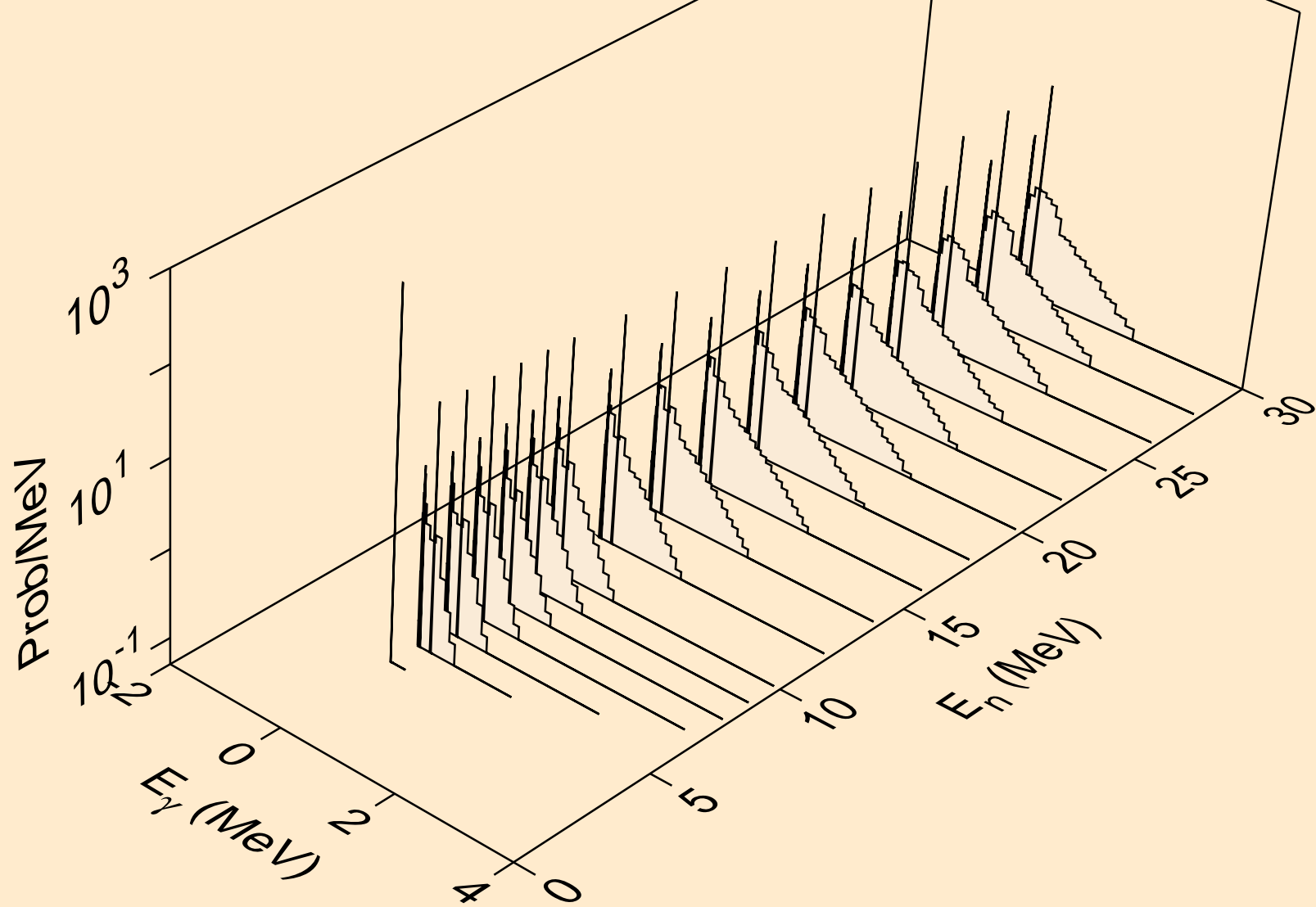
AT228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



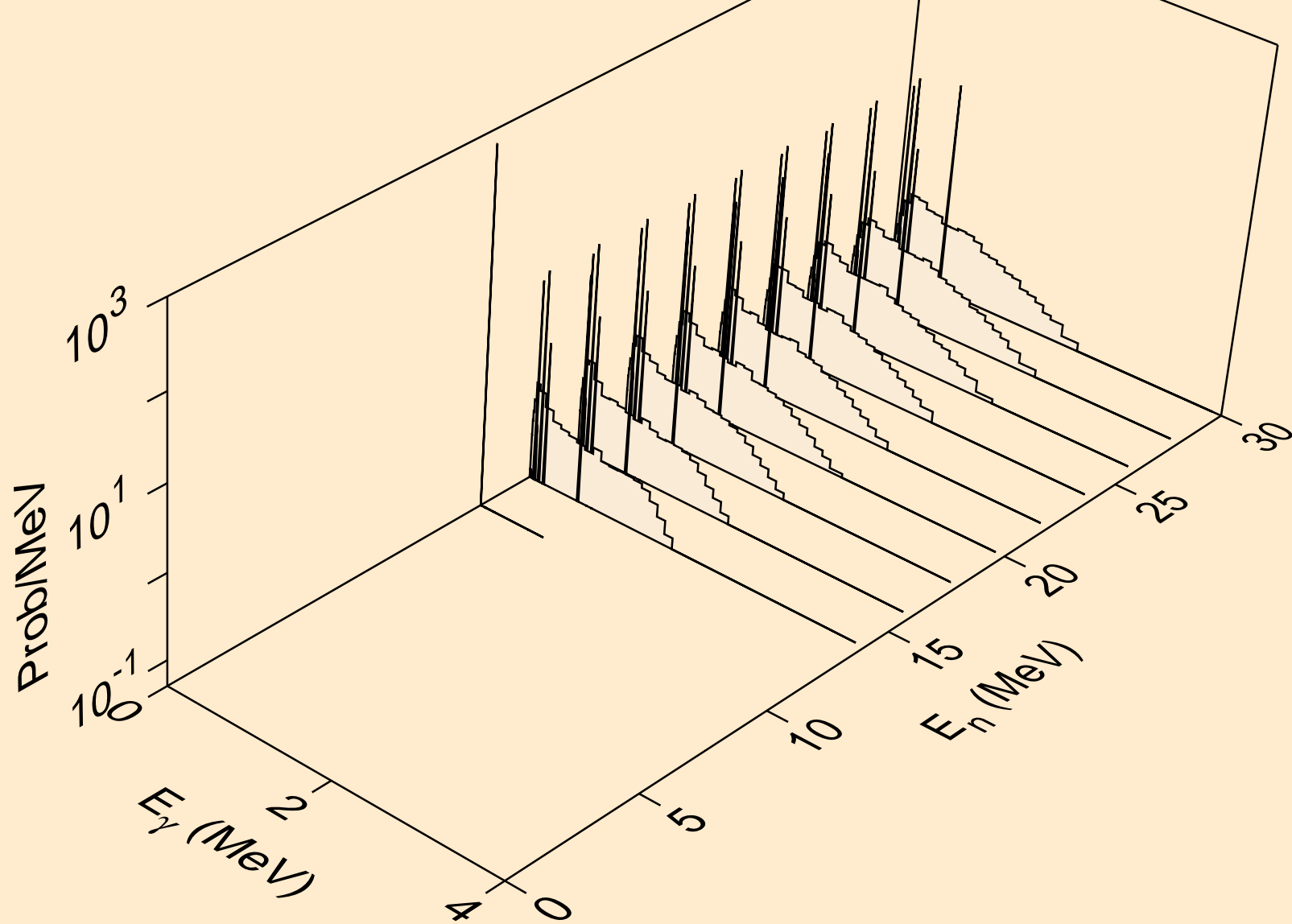
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Photon emission for (n,d)



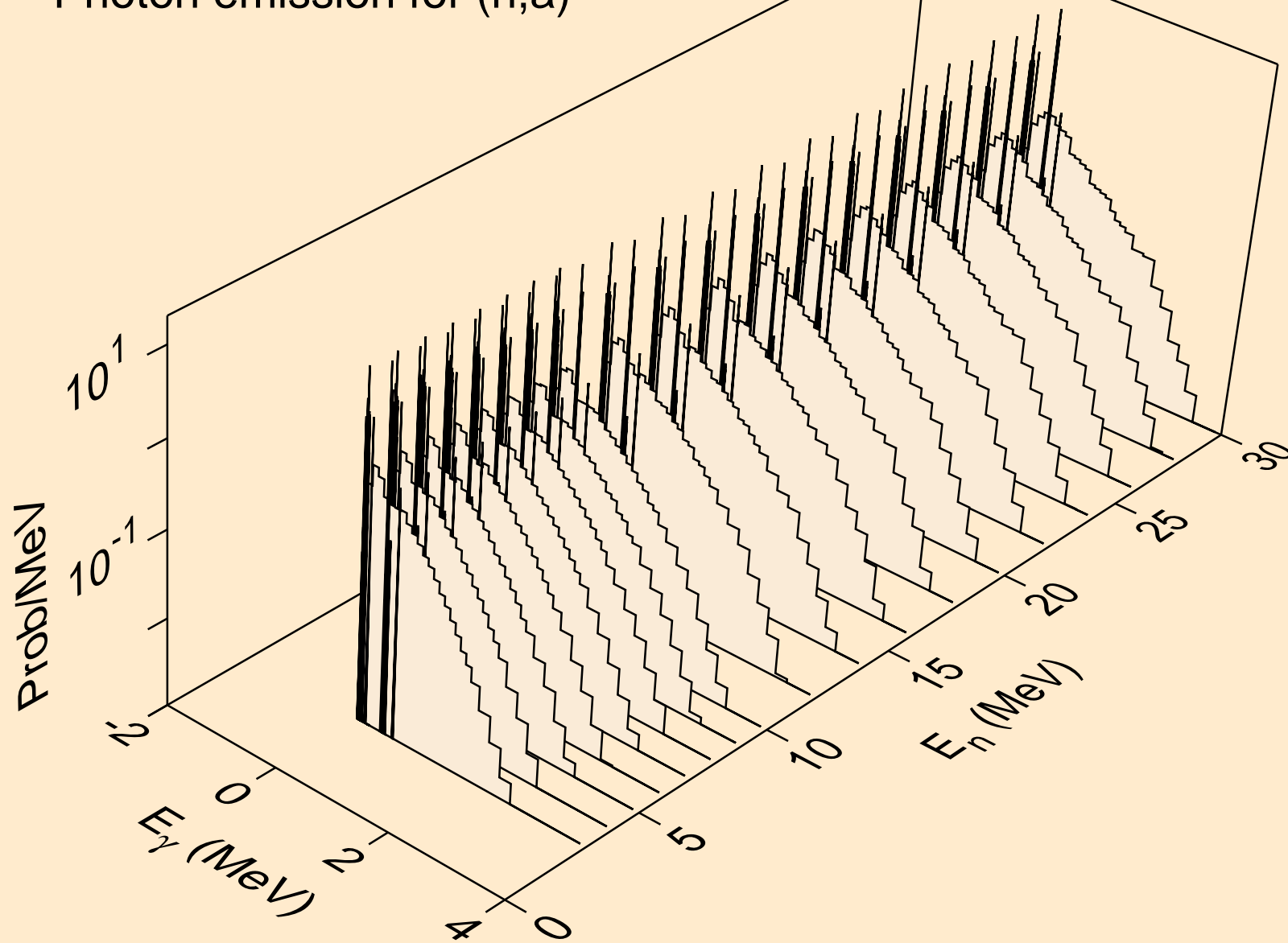
AT228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



AT228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)

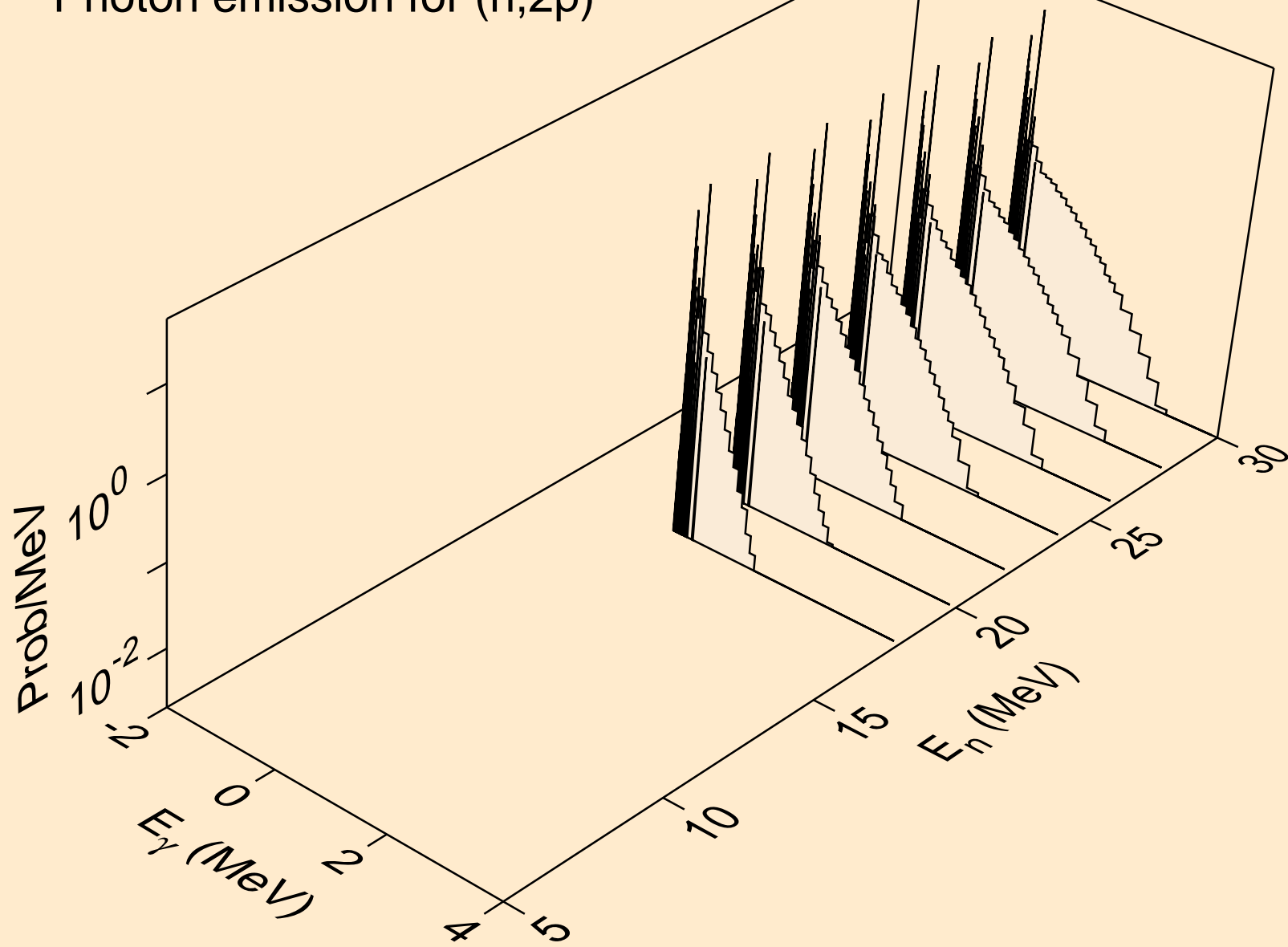


AT228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)

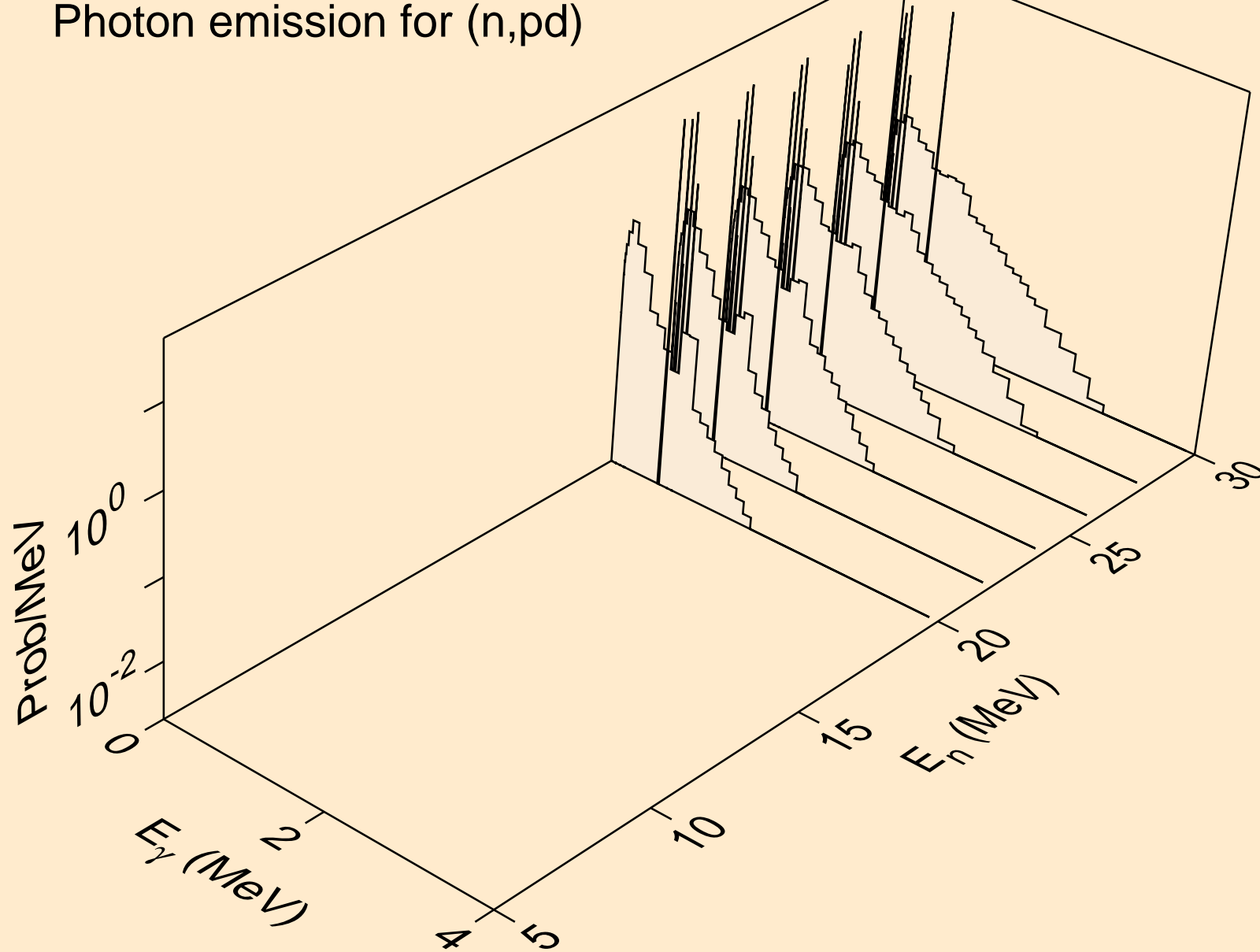




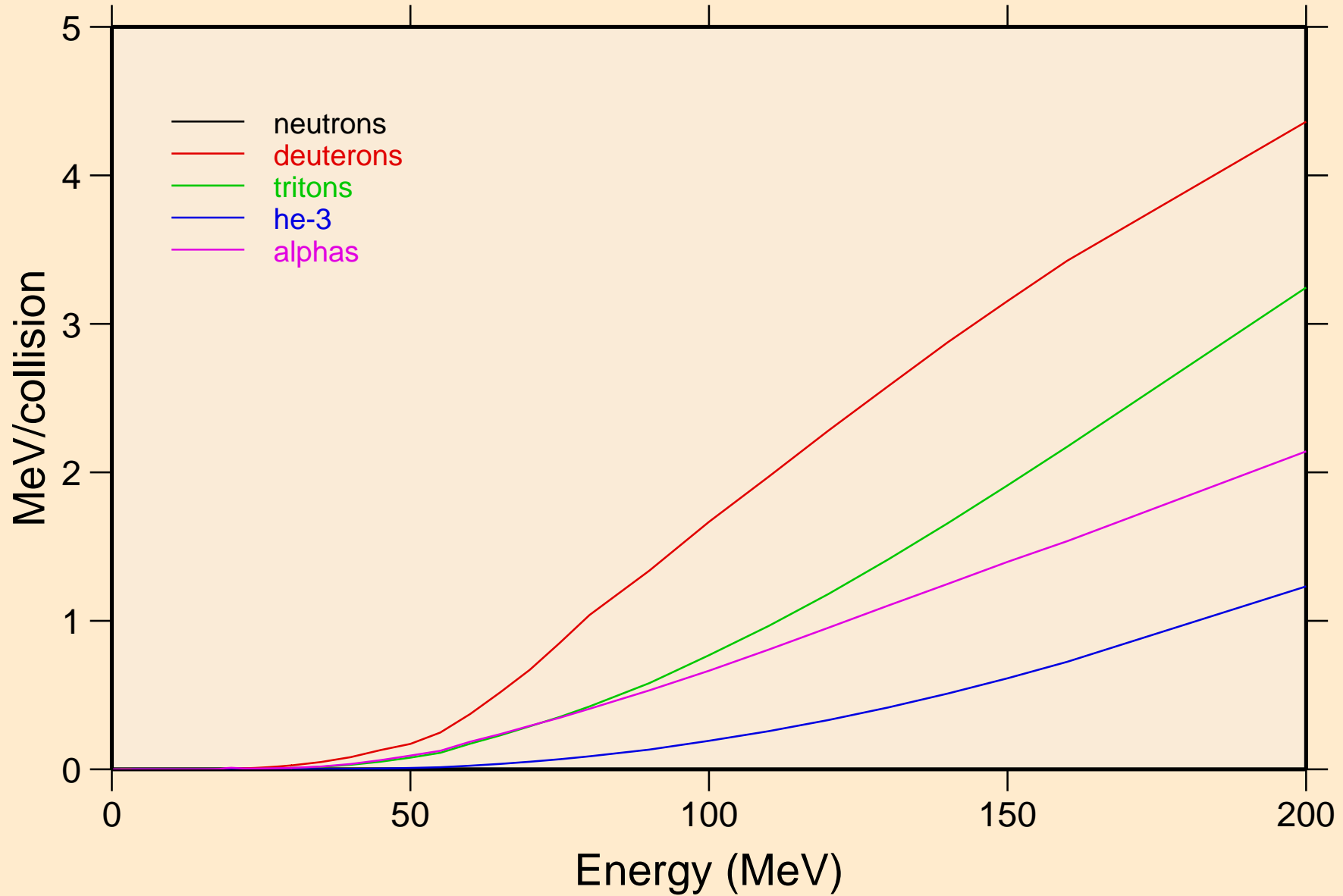
AT228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



AT228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)

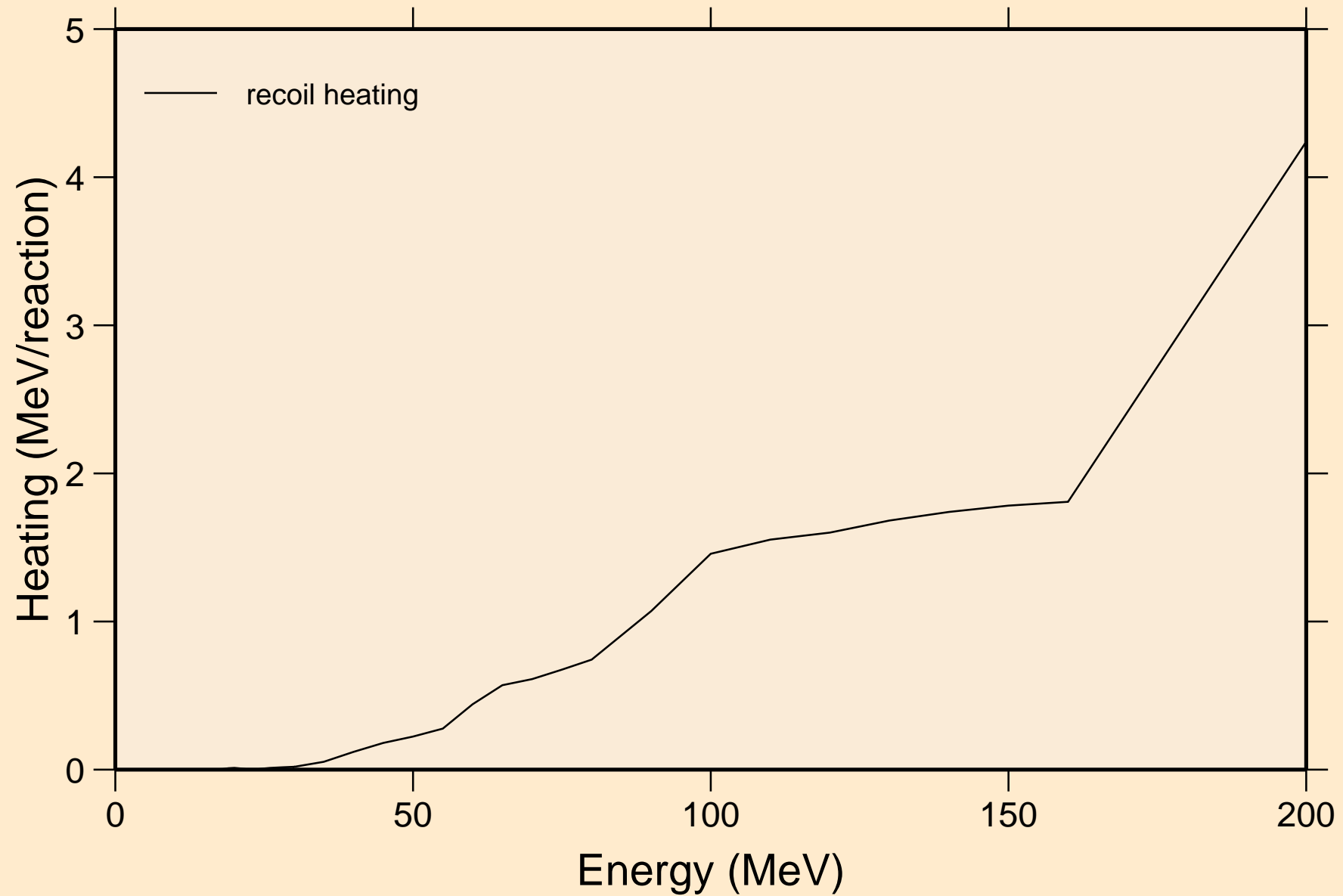


AT228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions

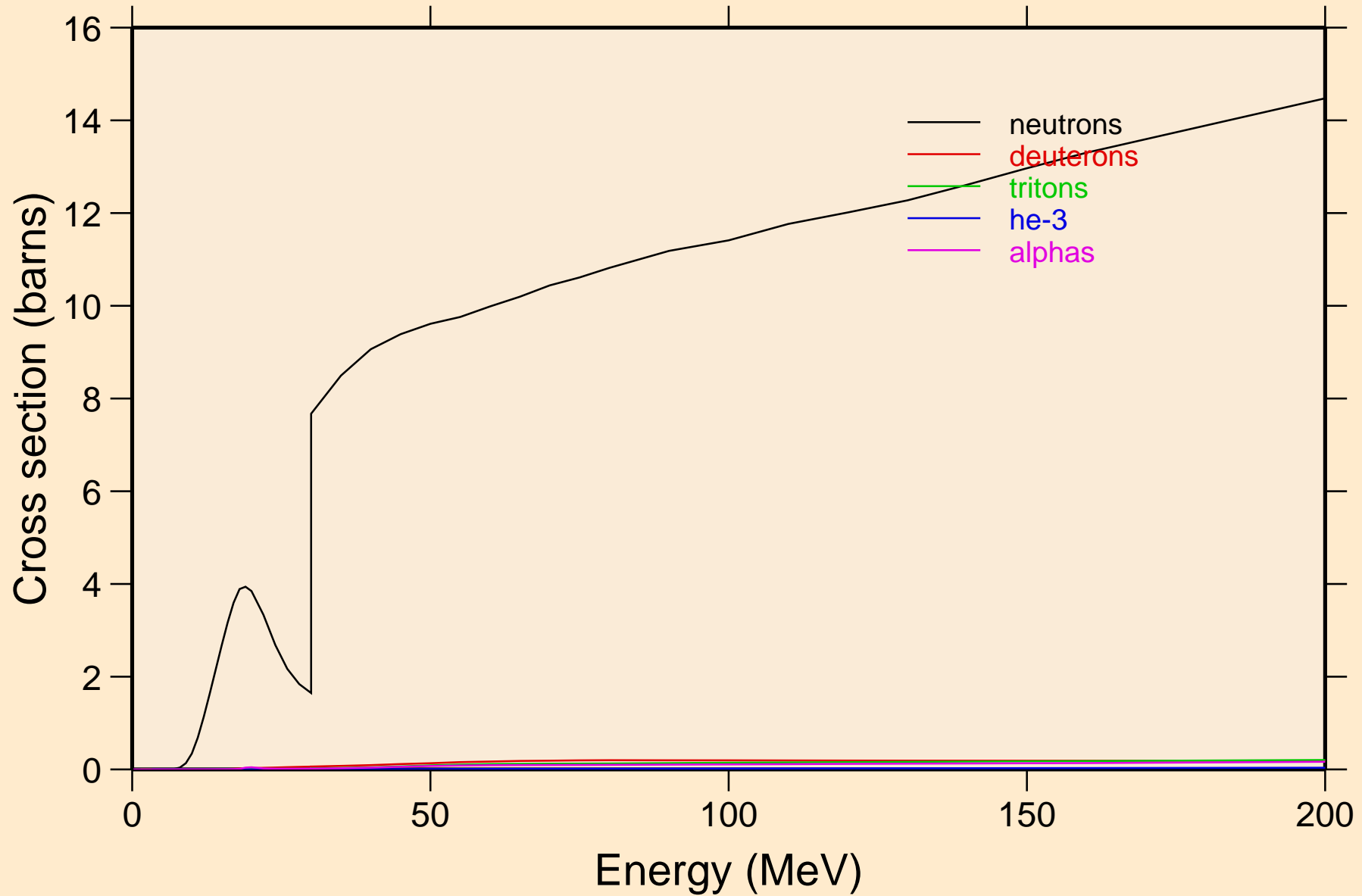


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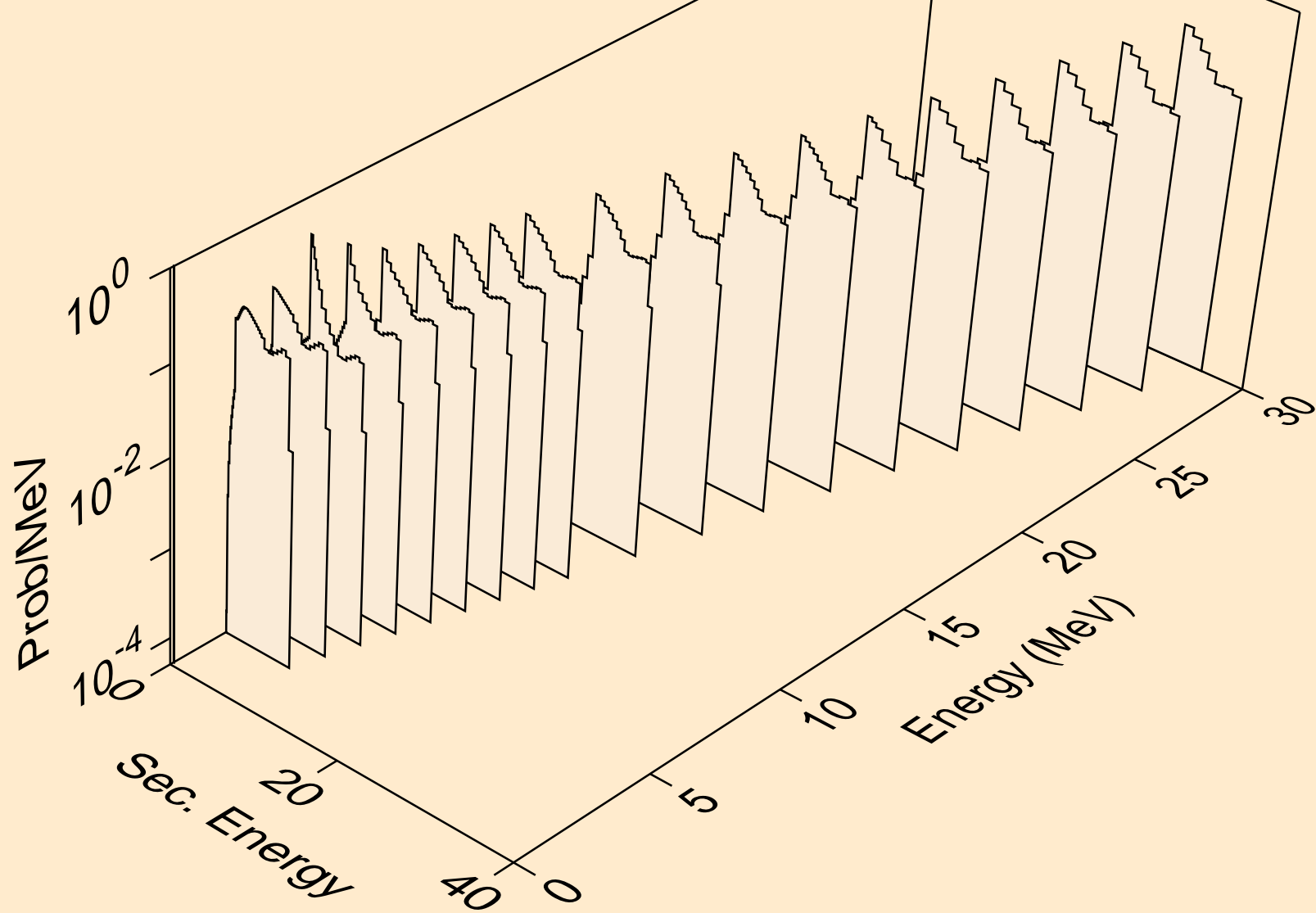
Recoil Heating



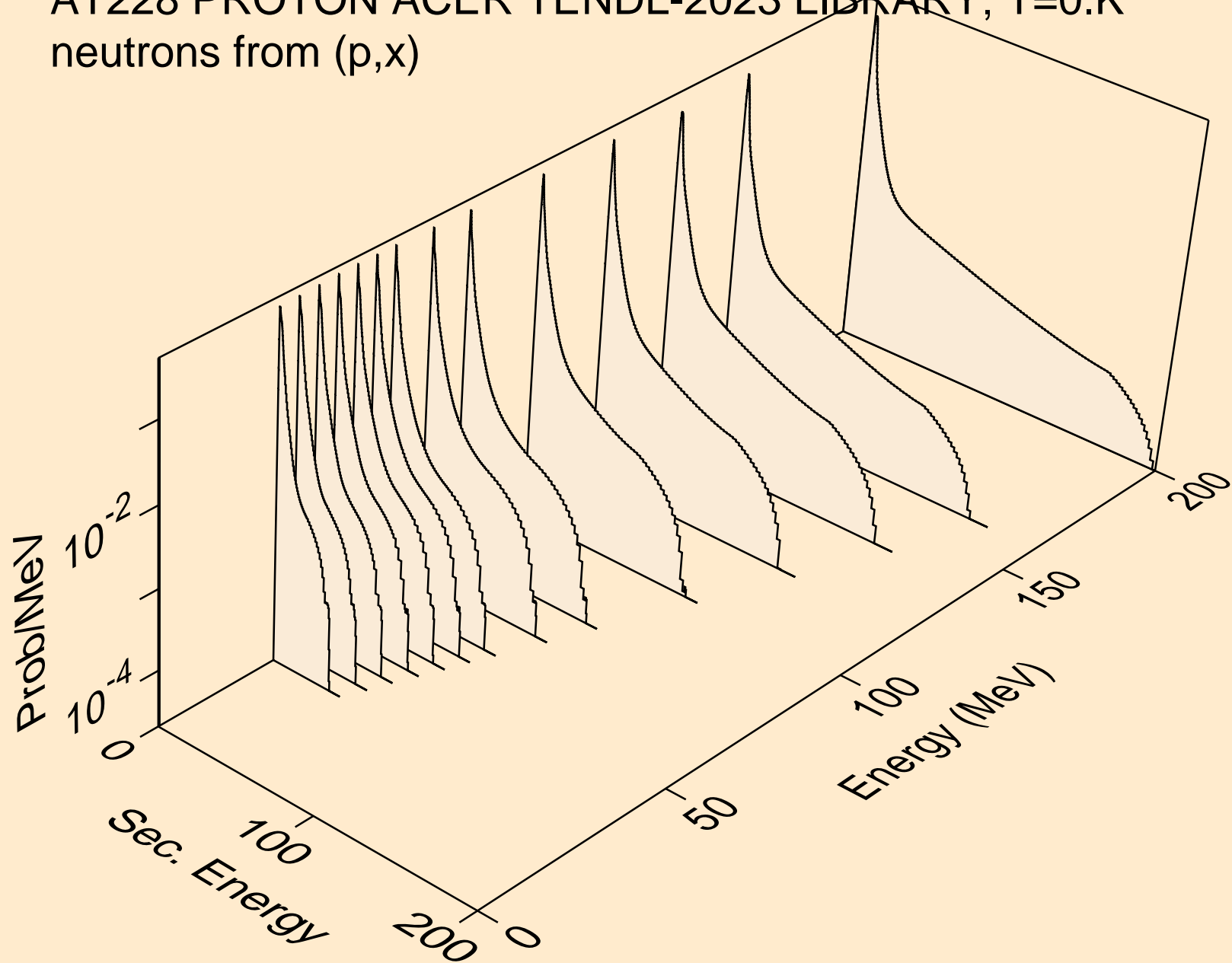
AT228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



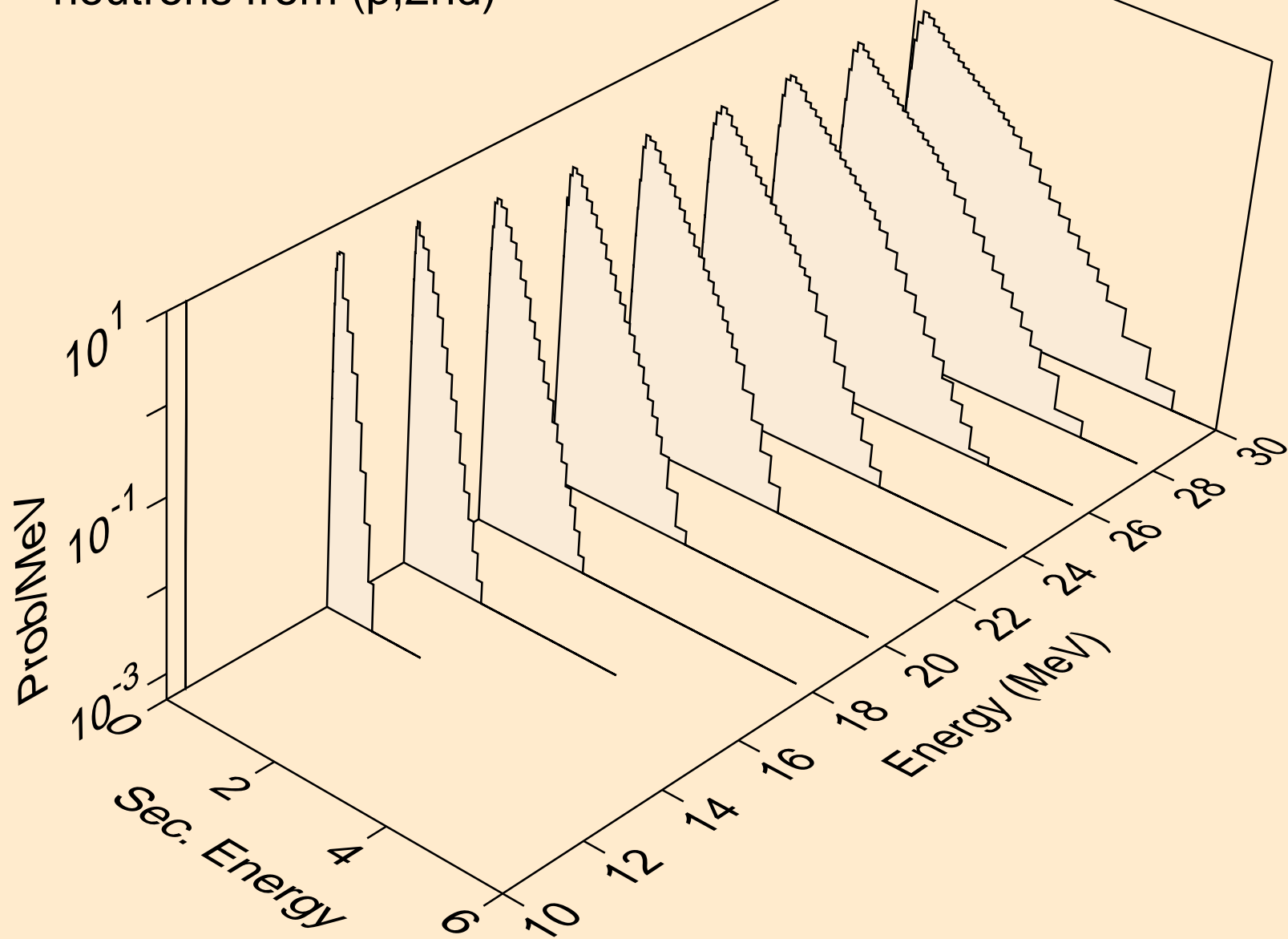
AT228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)



AT228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)

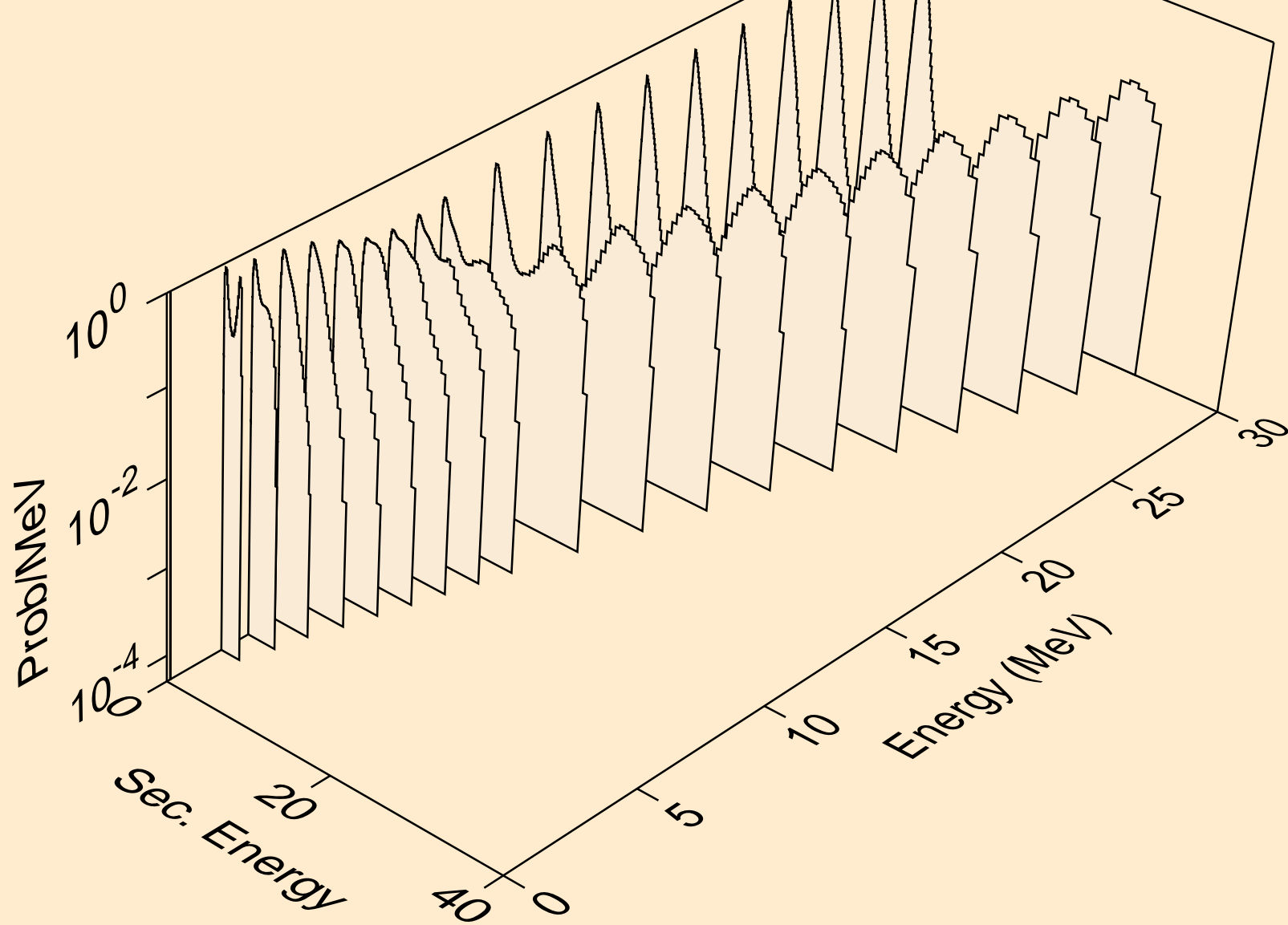


AT228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2nd)

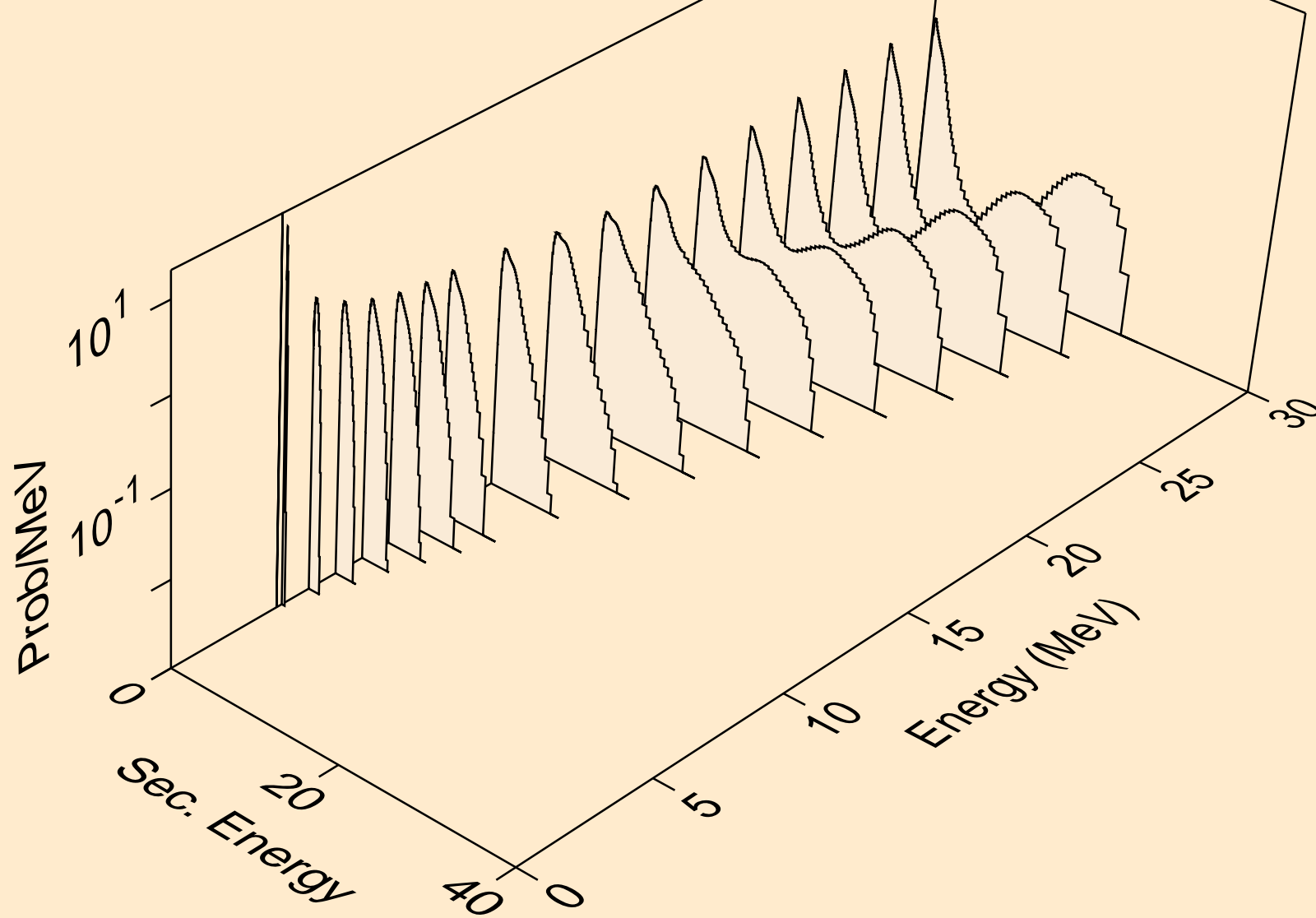




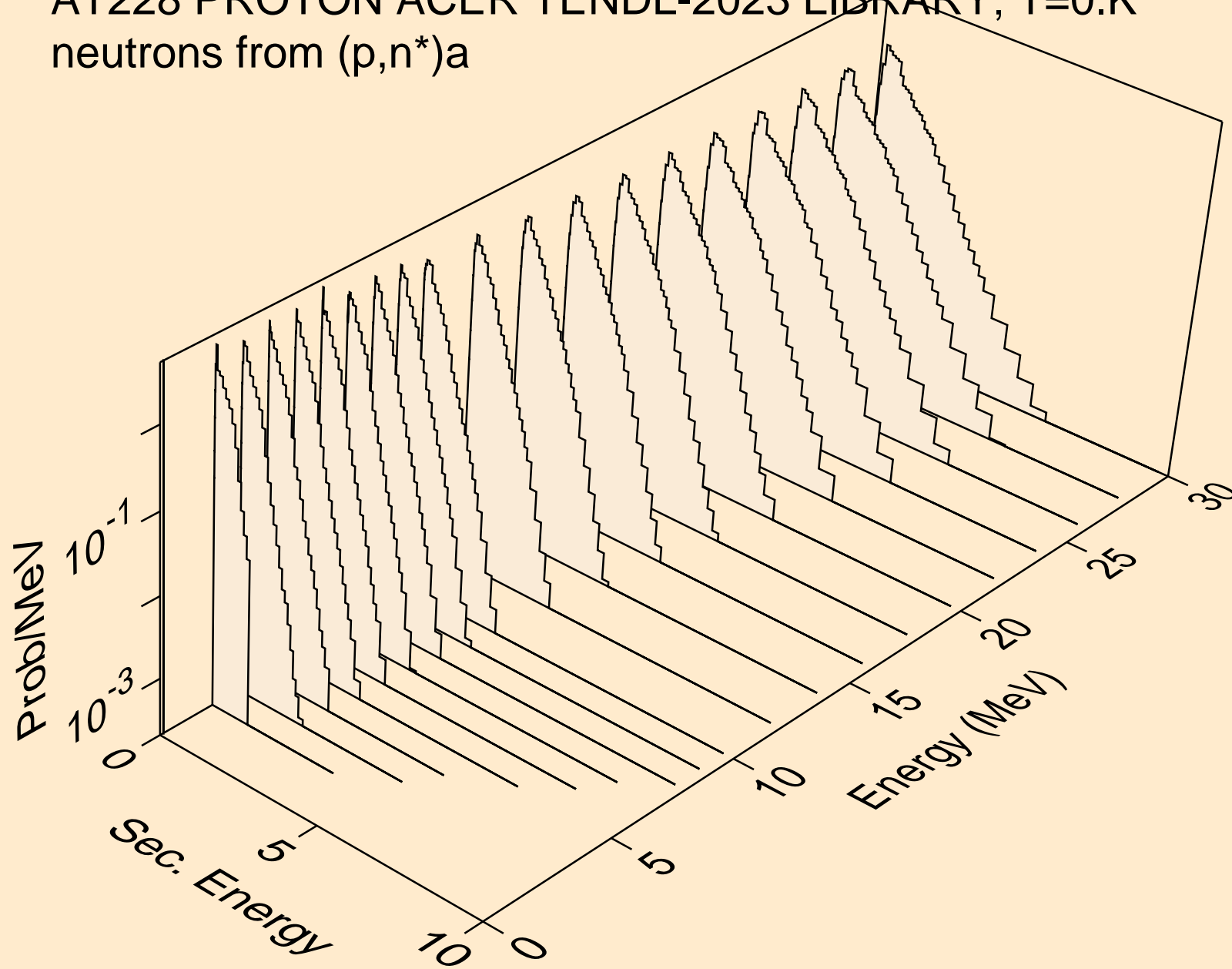
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neutrons from (p,2n)



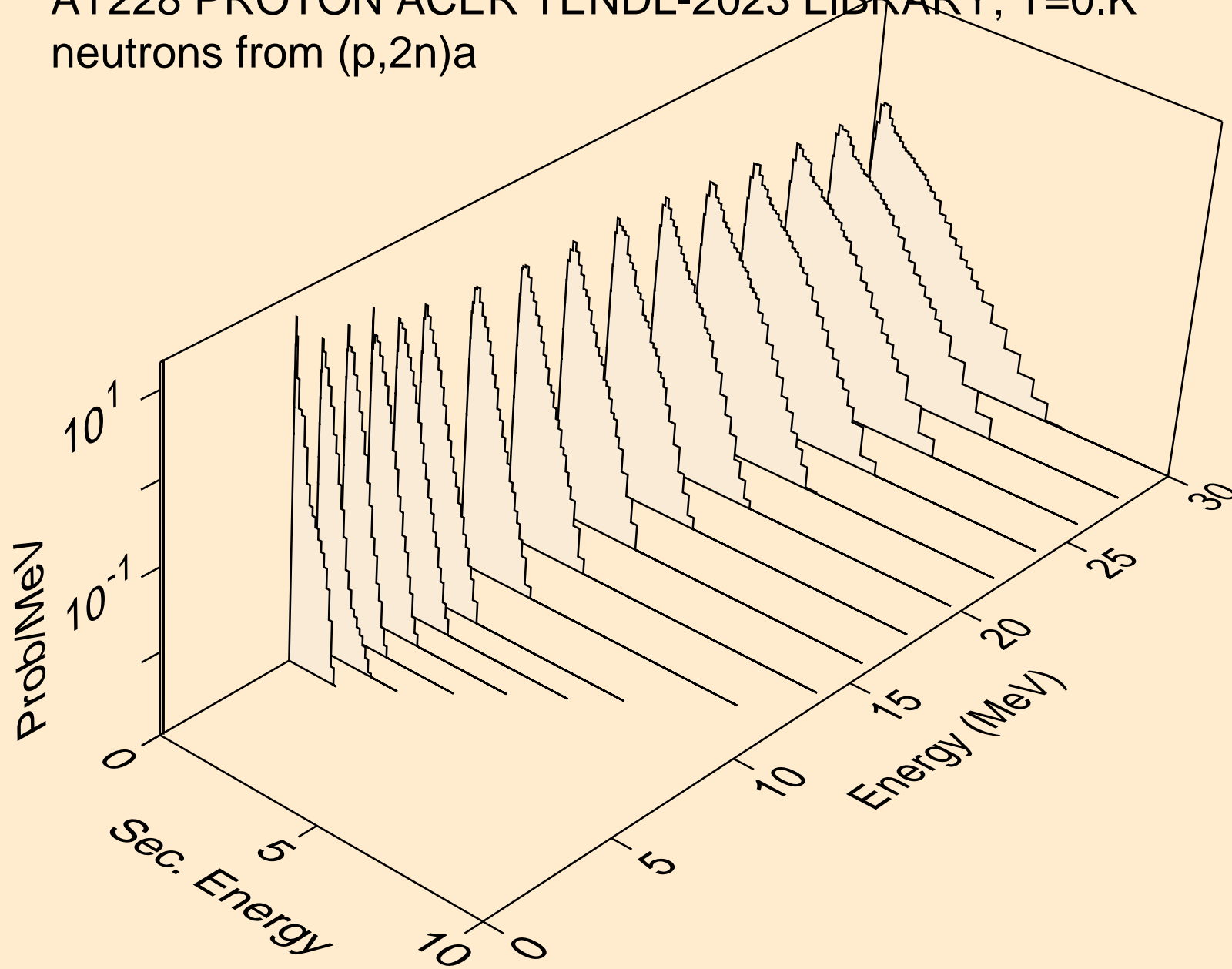
AT228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)



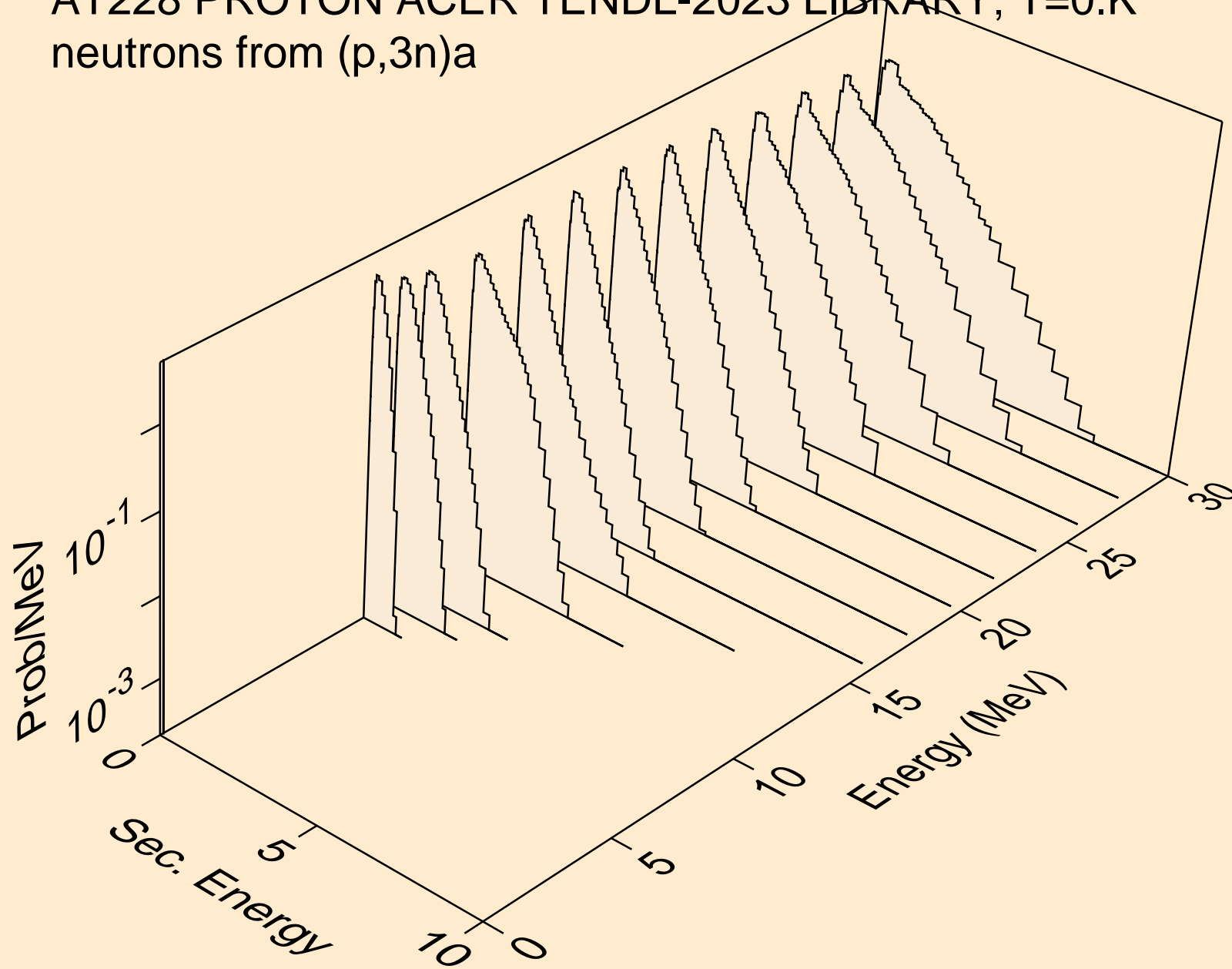
AT228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a



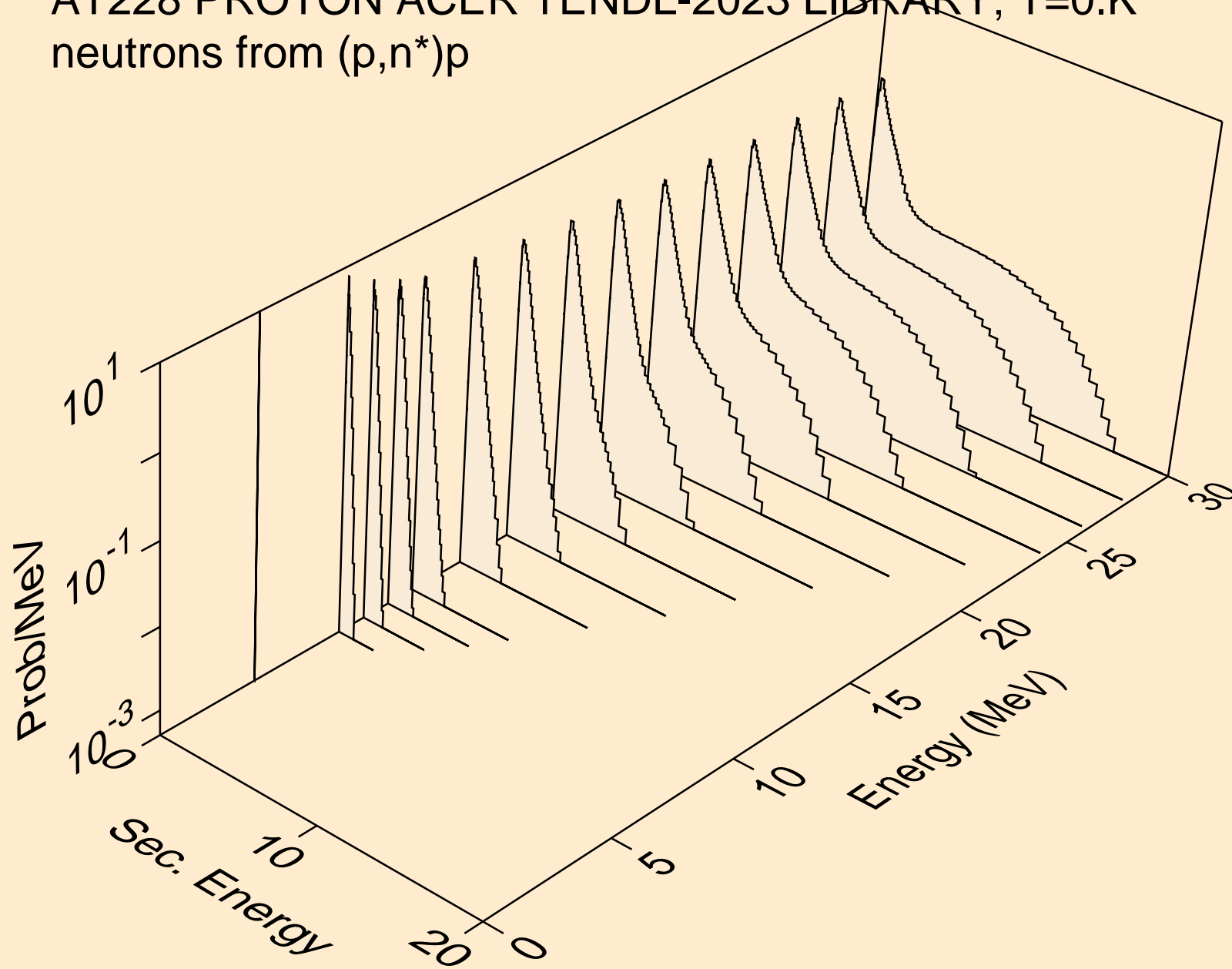
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neutrons from (p,2n)a



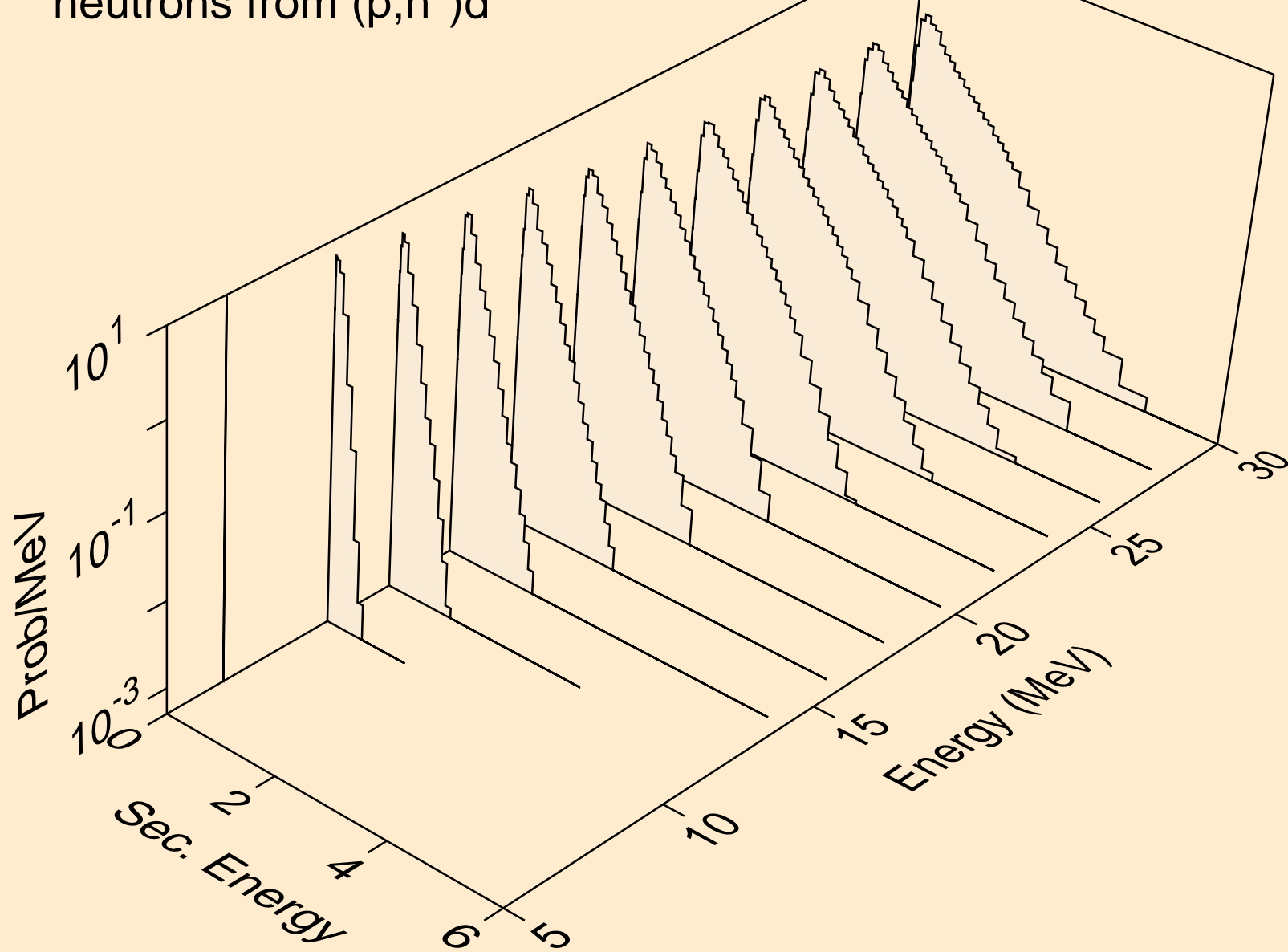
AT228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)a



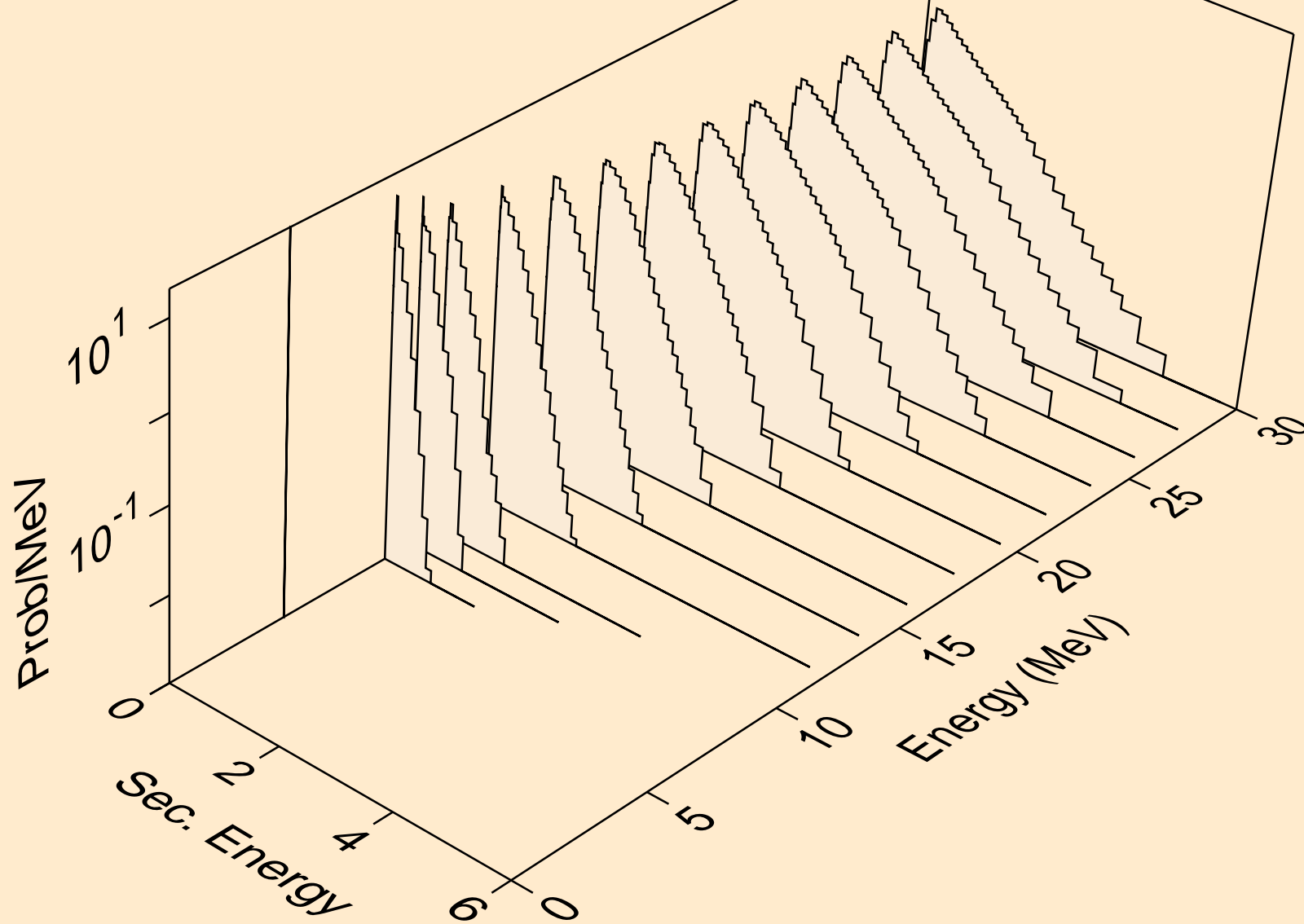
AT228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)p



AT228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)d

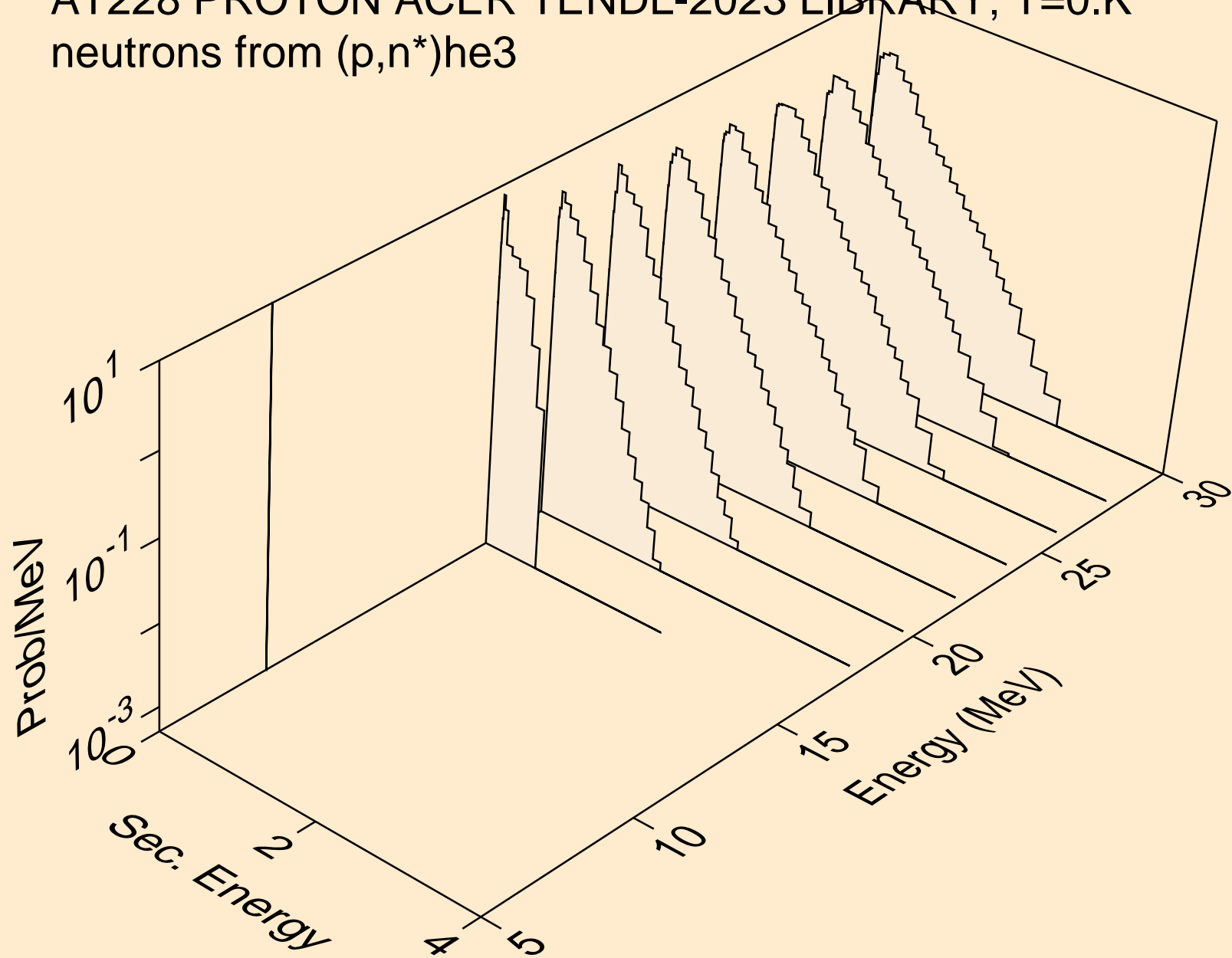


AT228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)t

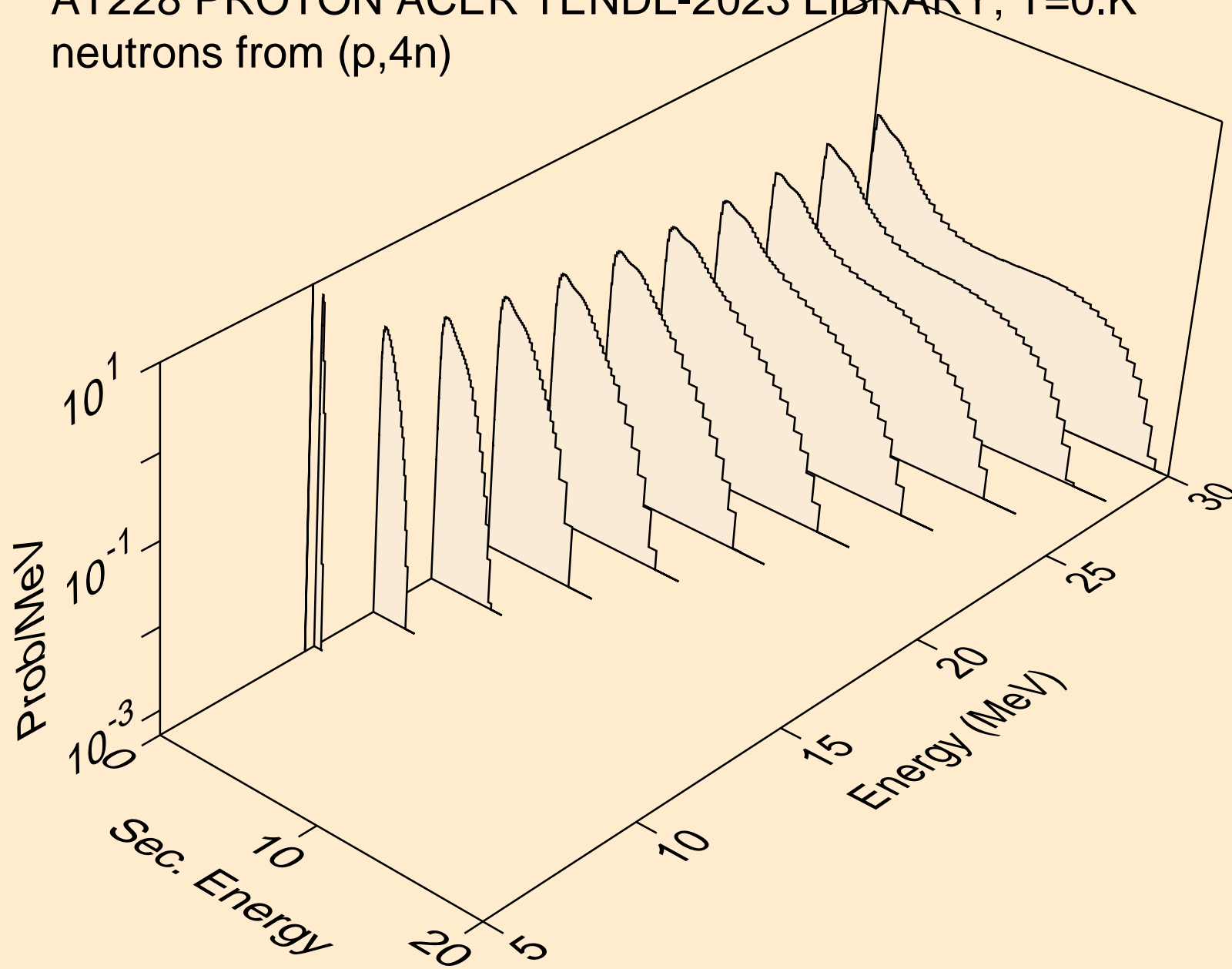




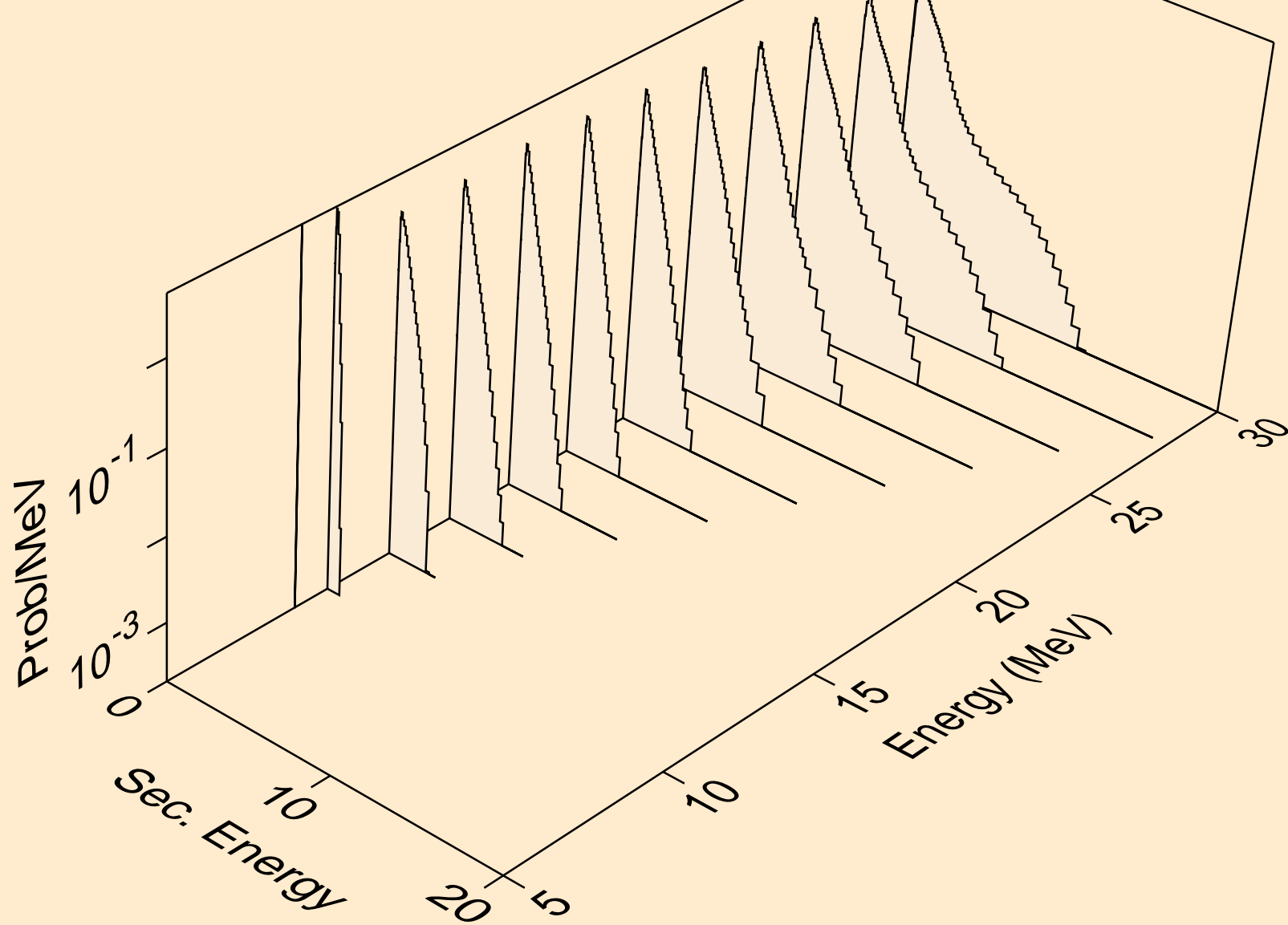
AT228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



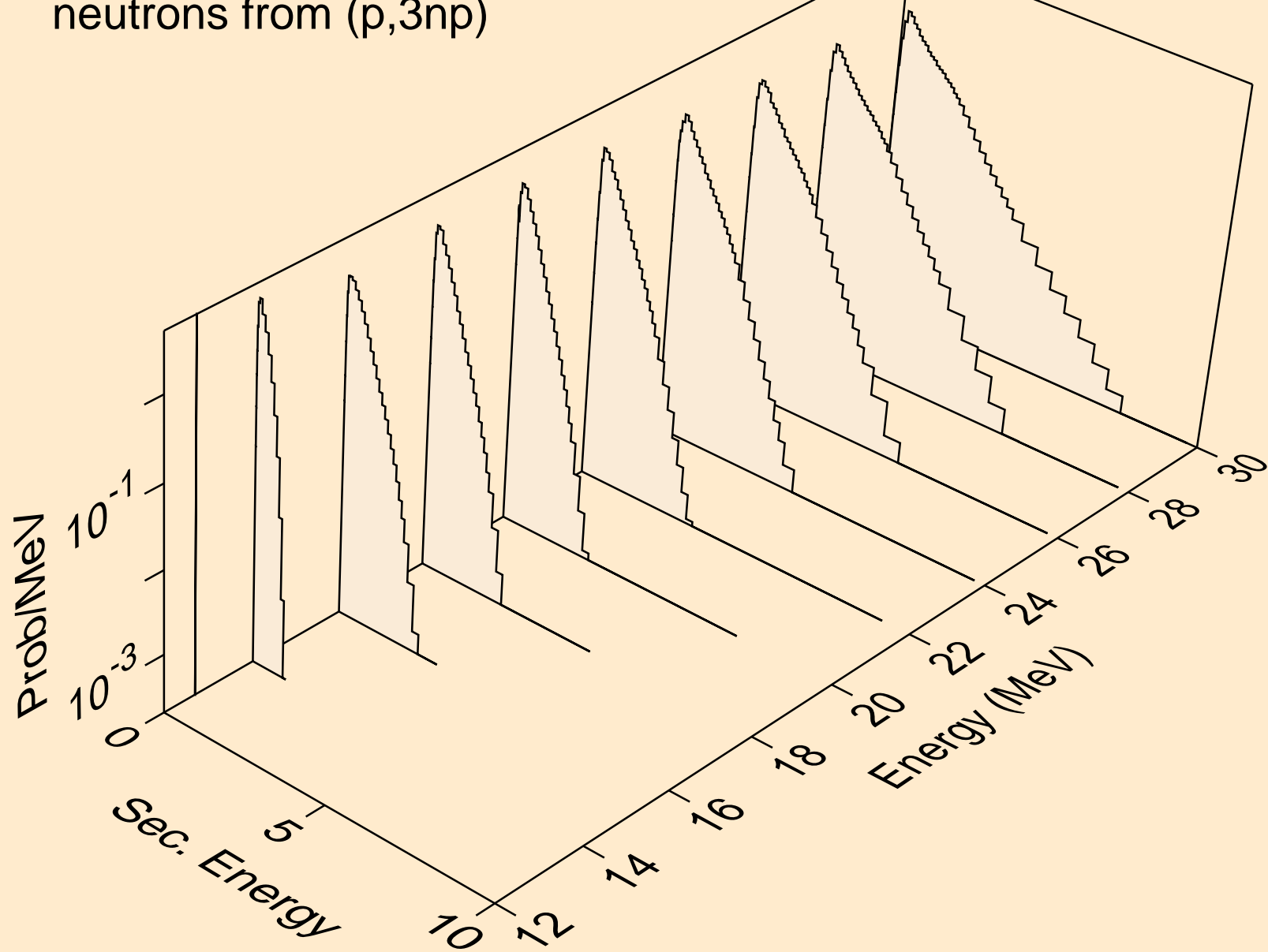
AT228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,4n)



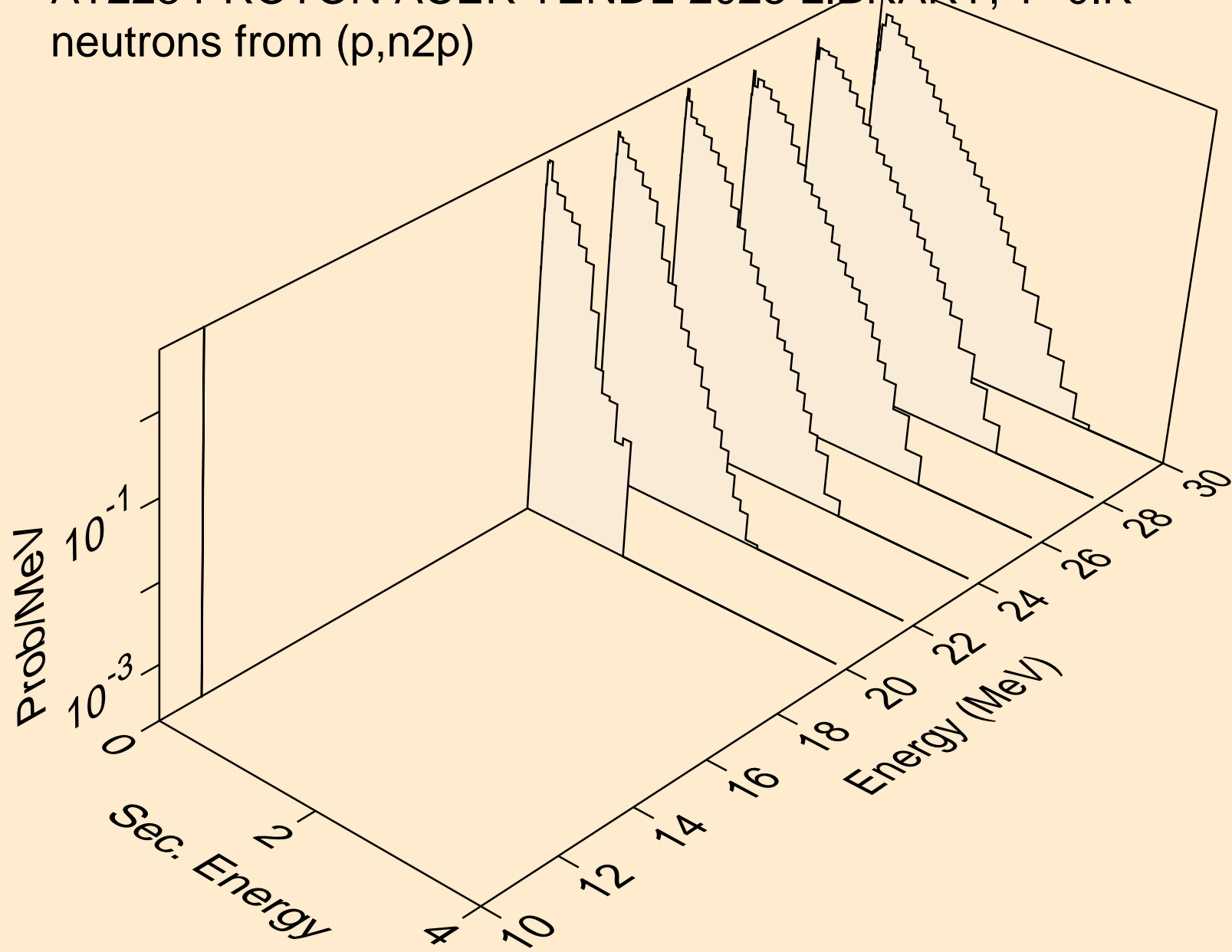
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neutrons from (p,2np)



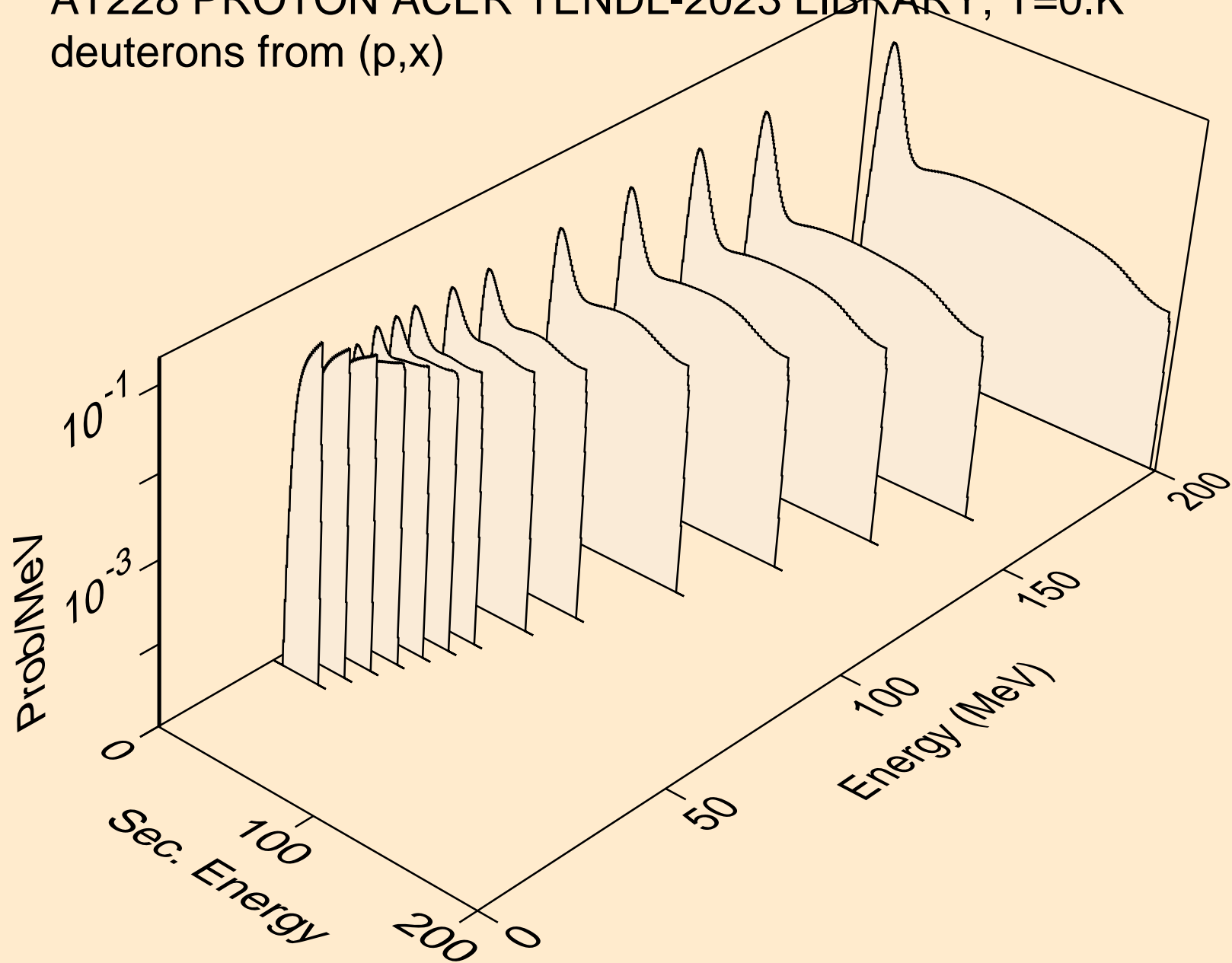
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neutrons from (p,3np)



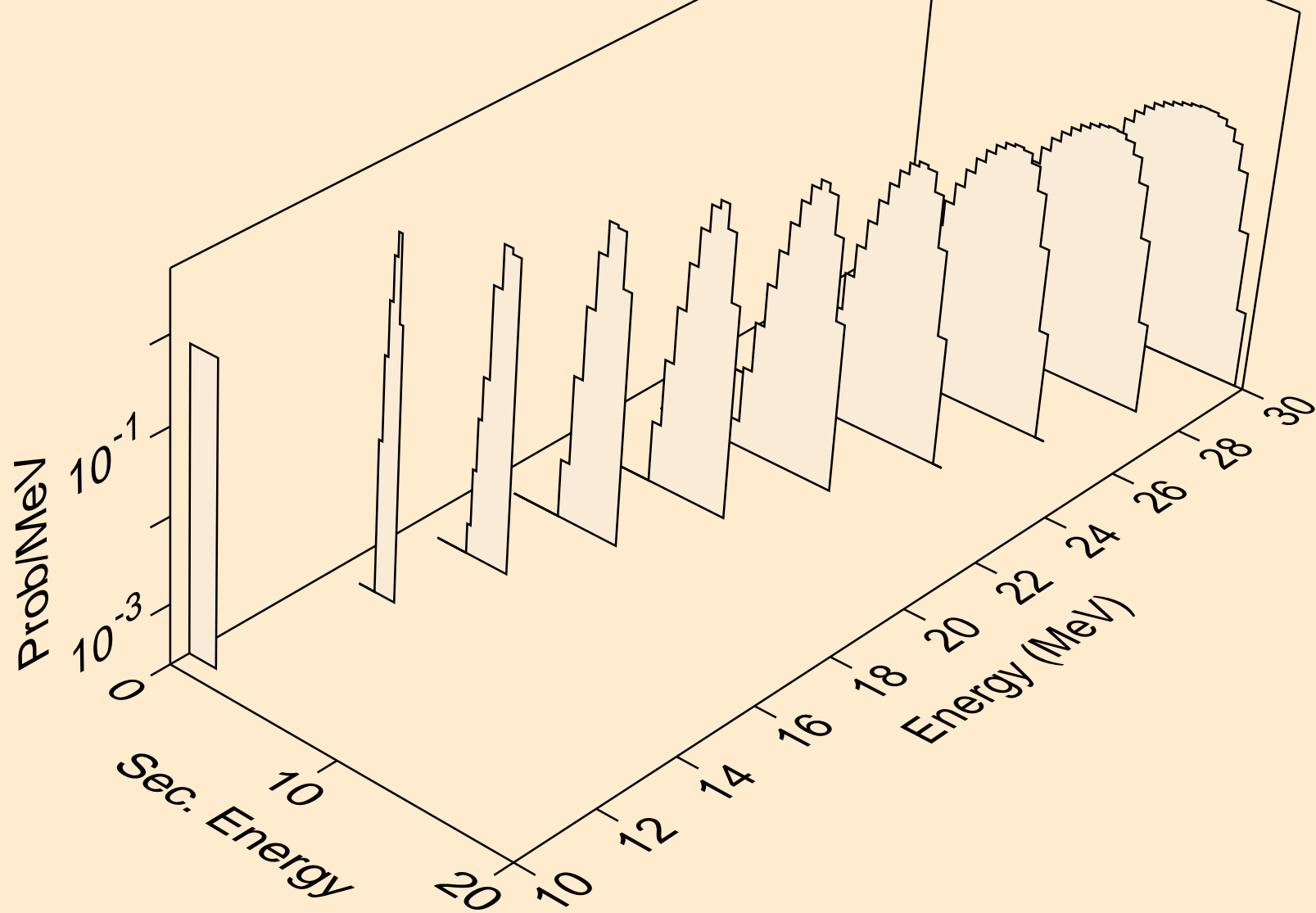
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neutrons from (p,n2p)



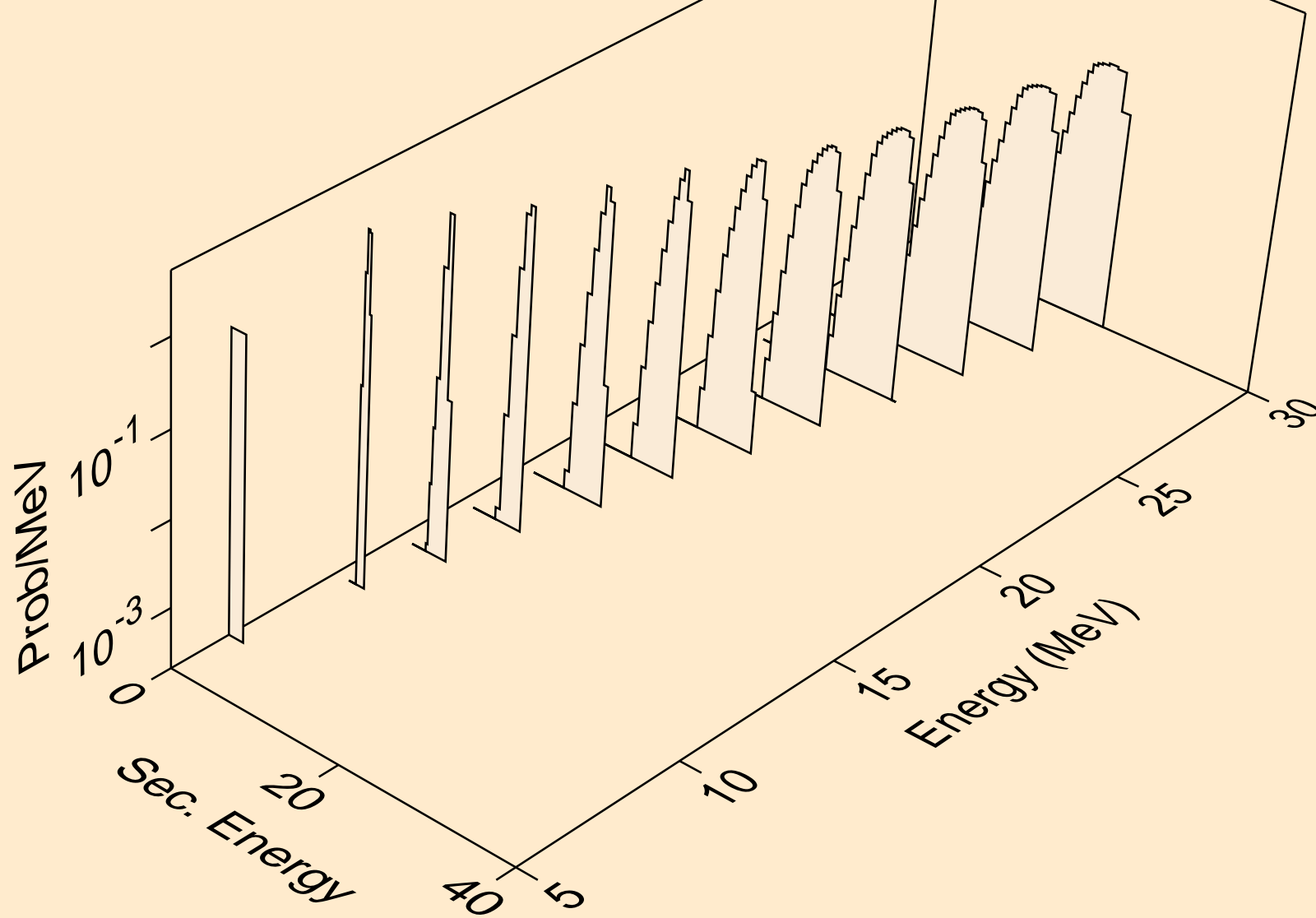
AT228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,x)



AT228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,2nd)

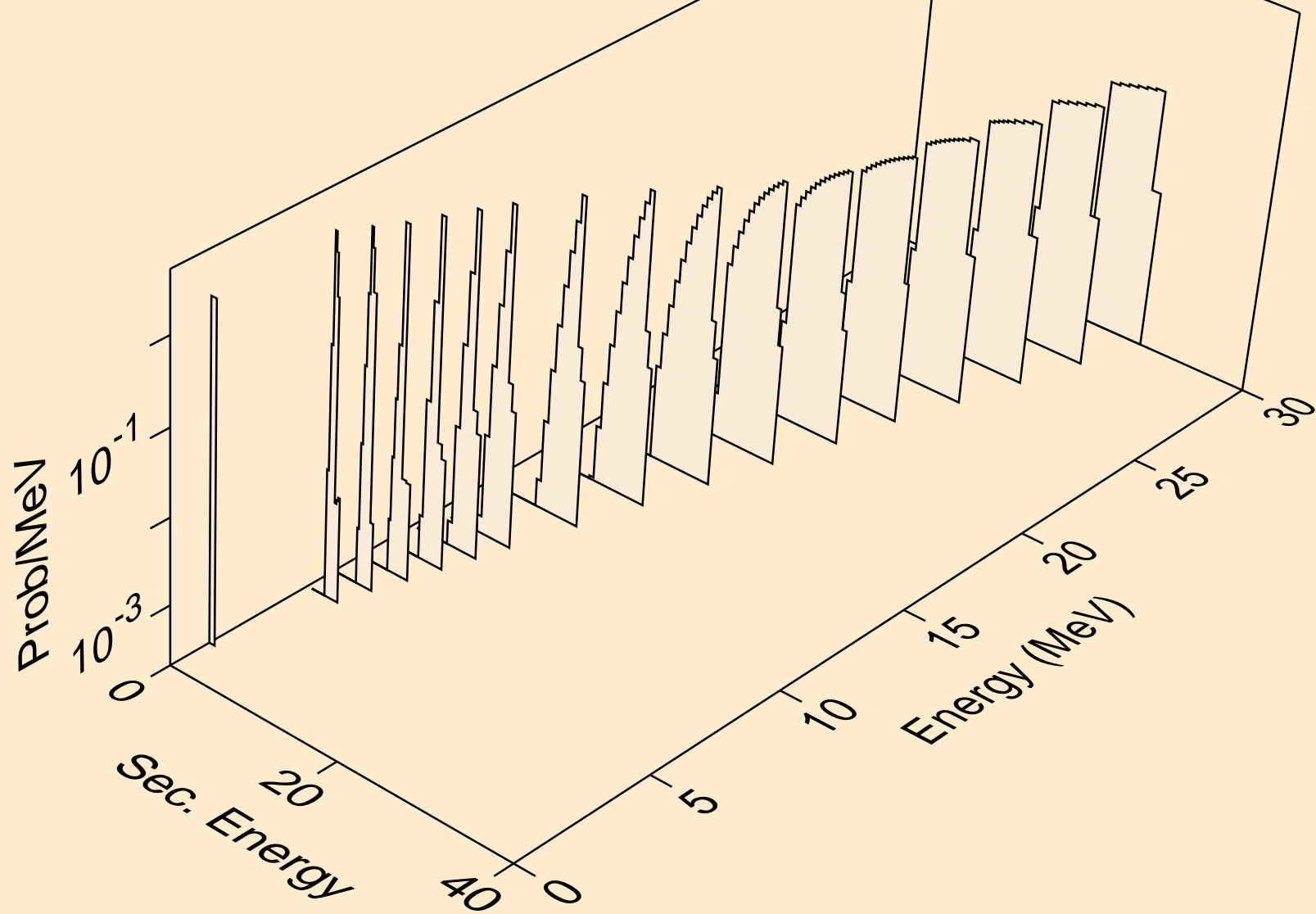


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deuterons from (p,n\*)d

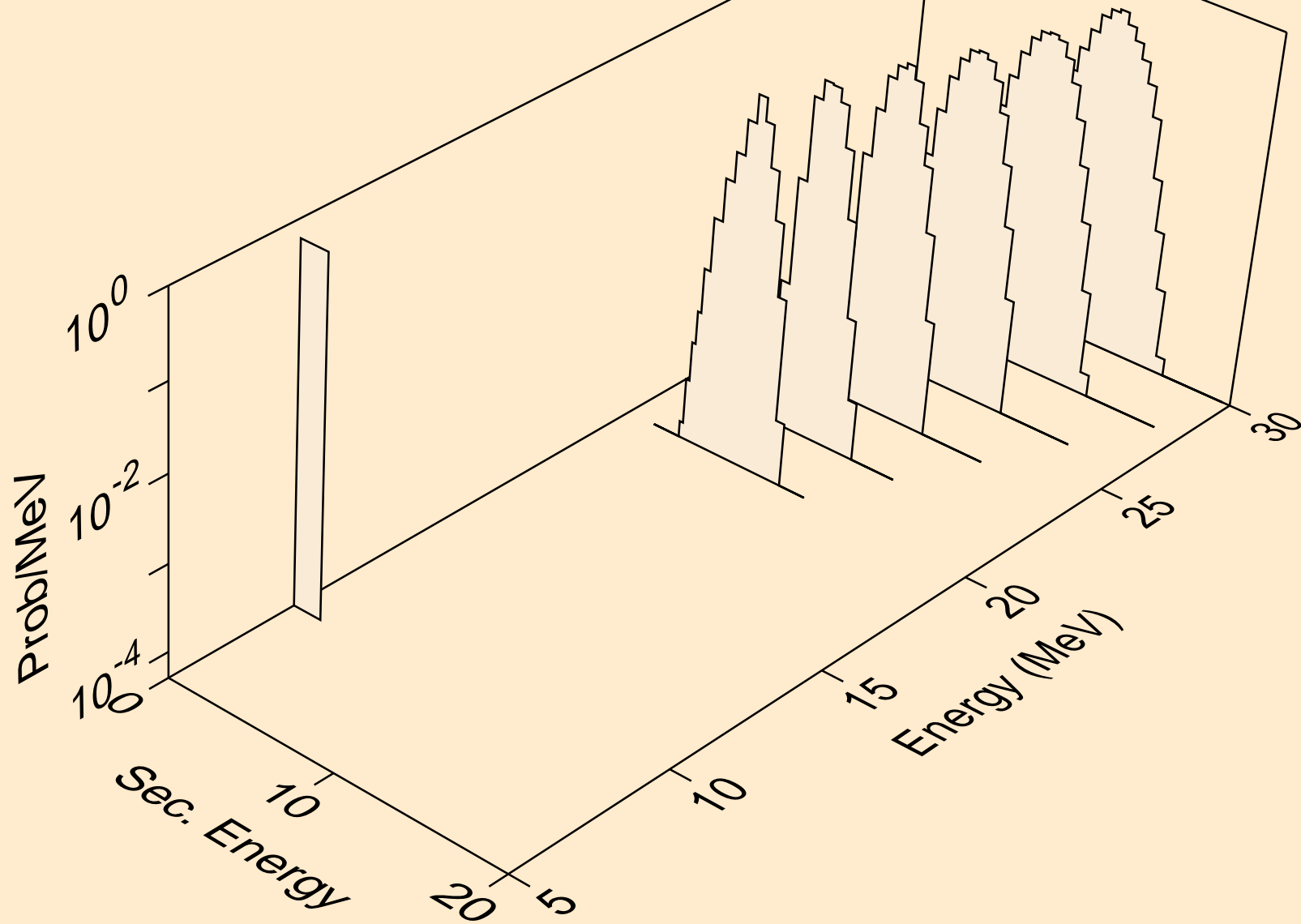




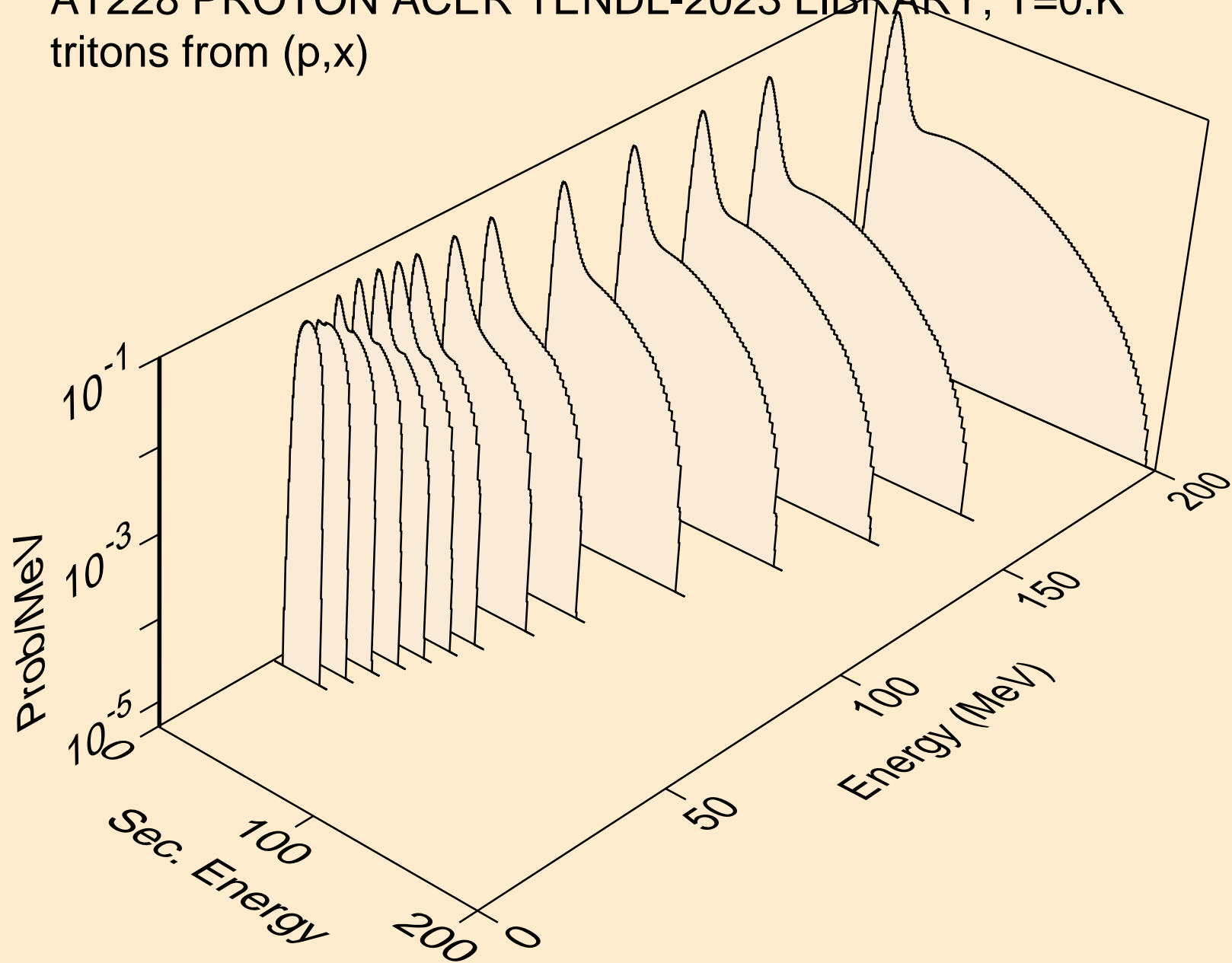
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deuterons from (p,d)



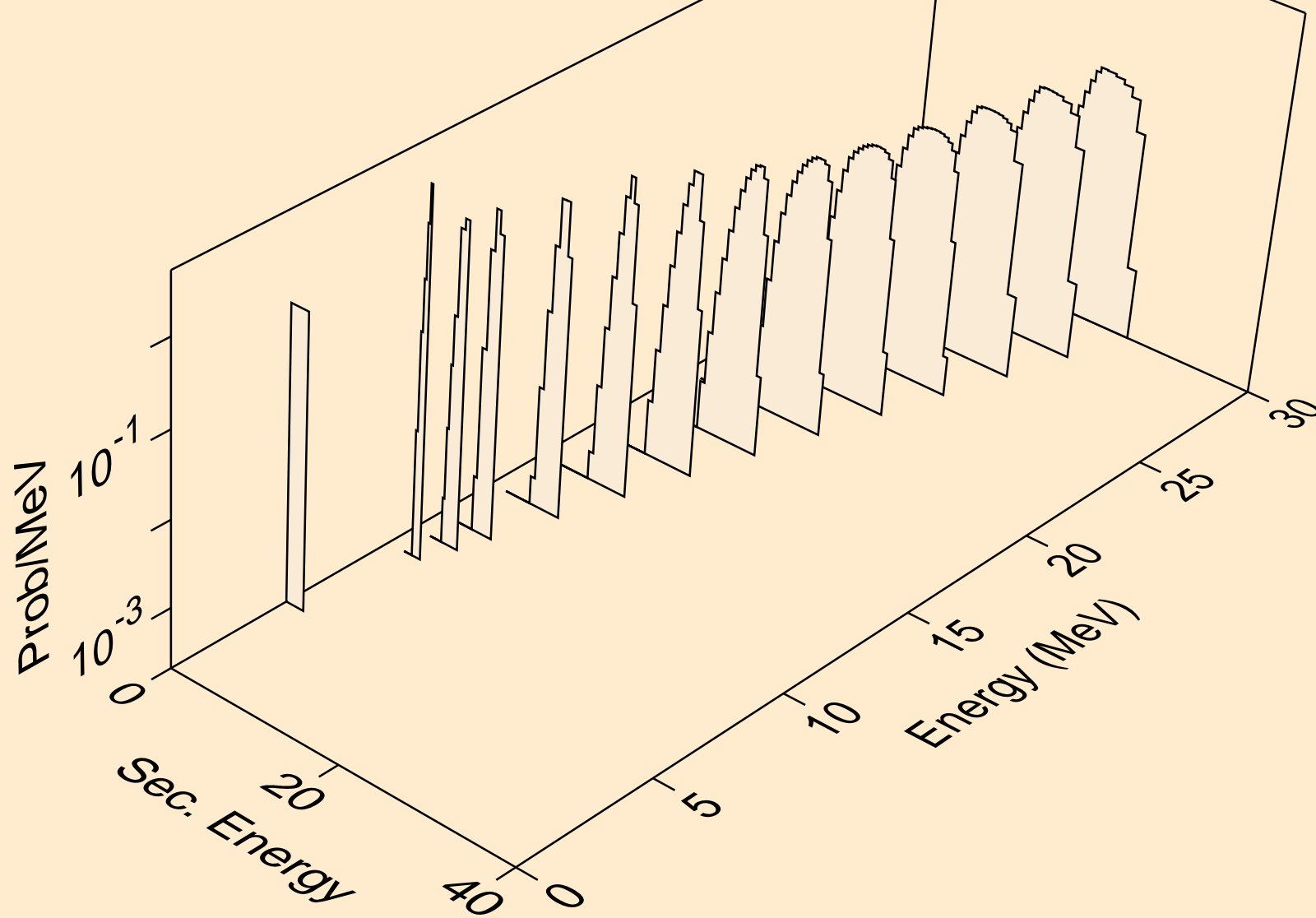
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deuterons from (p,pd)



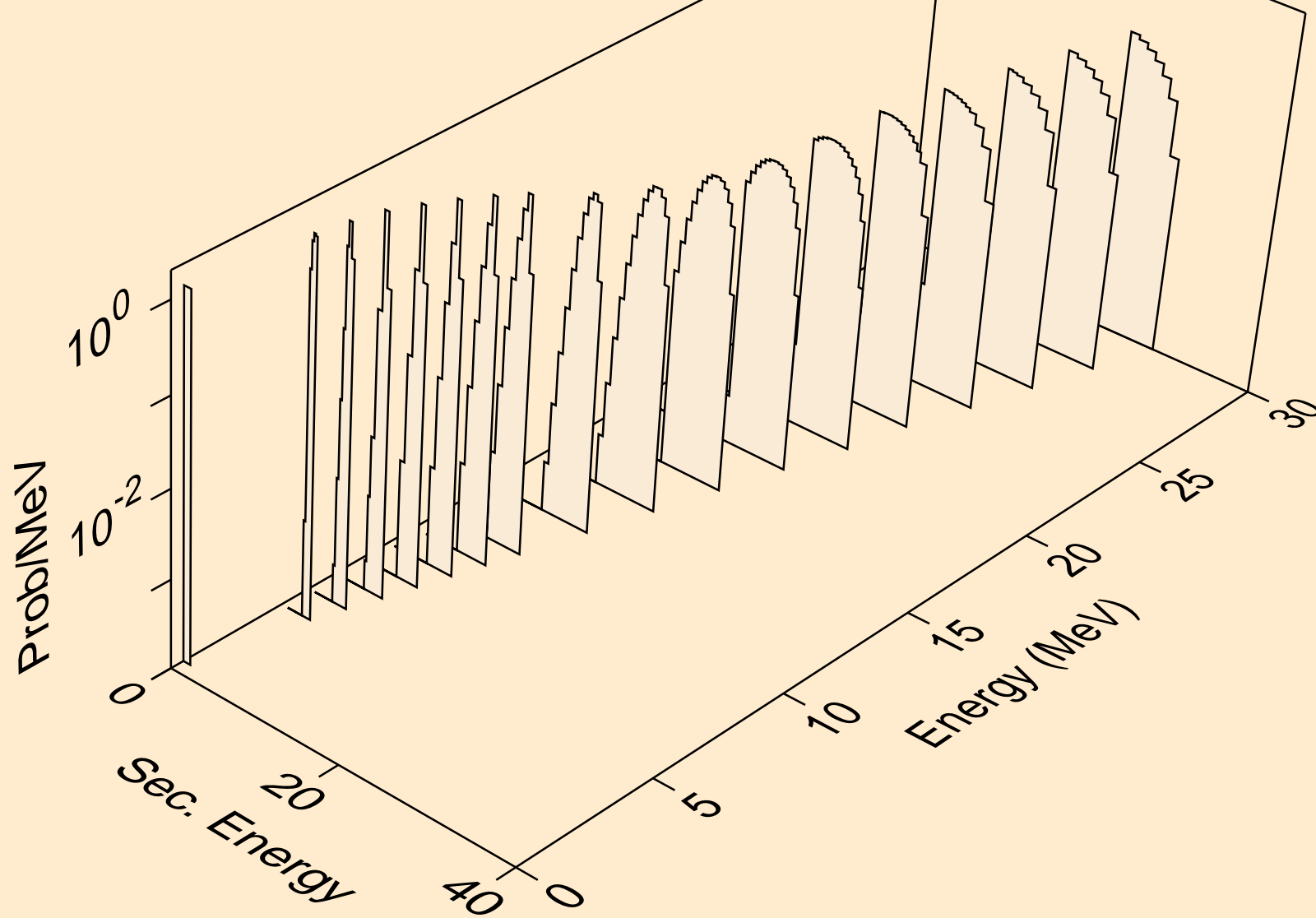
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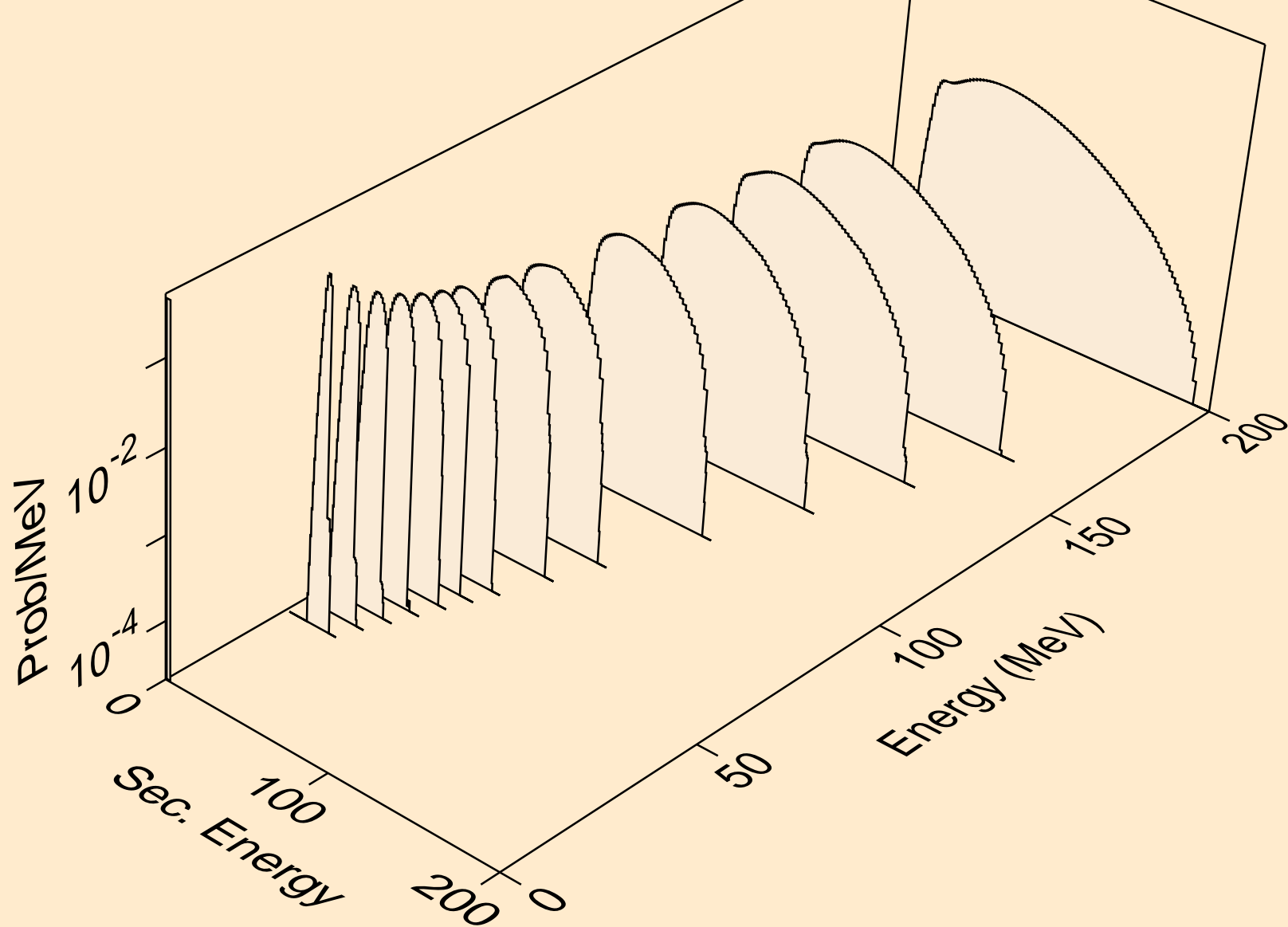
AT228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,n\*)t



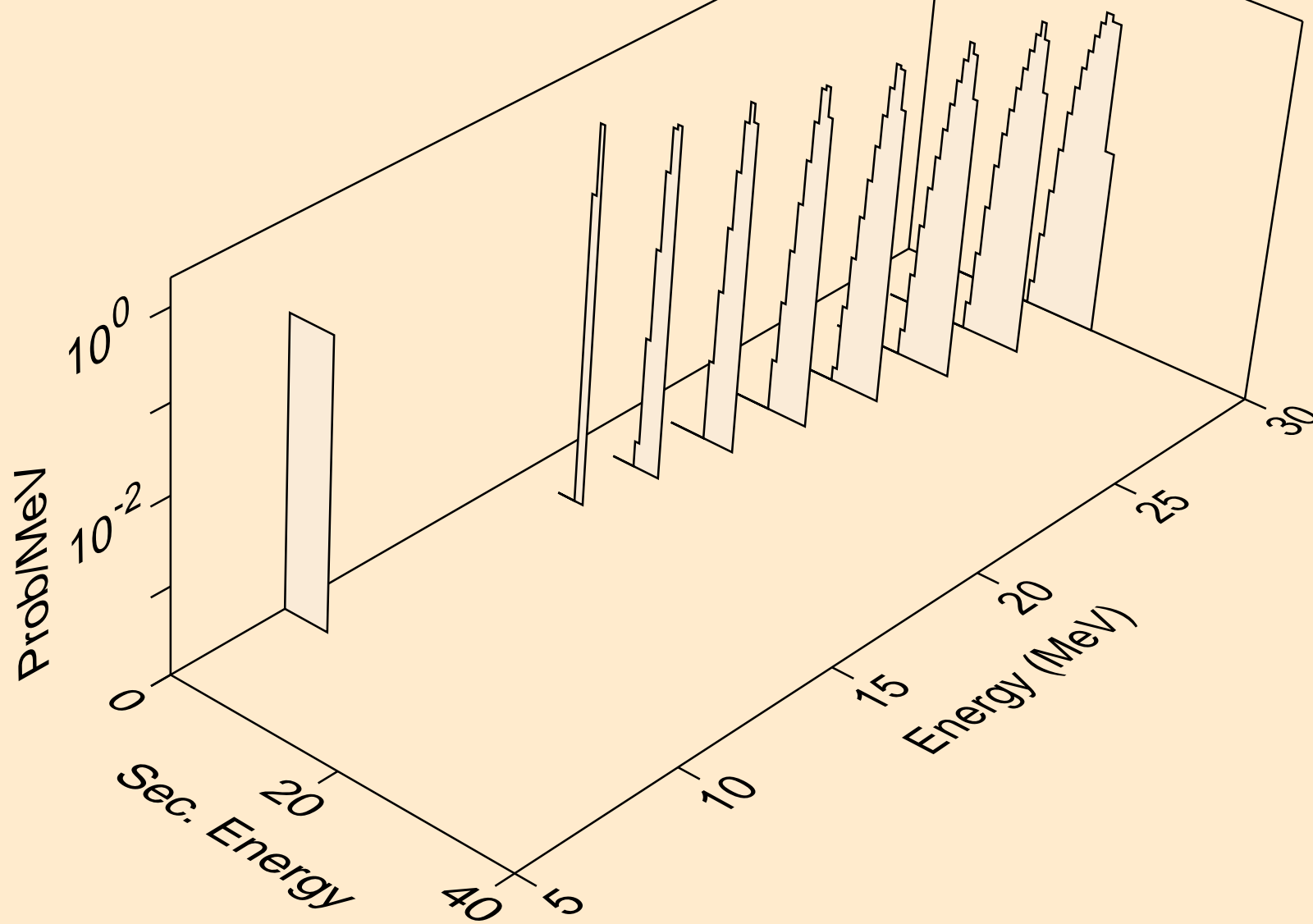
AT228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,t)



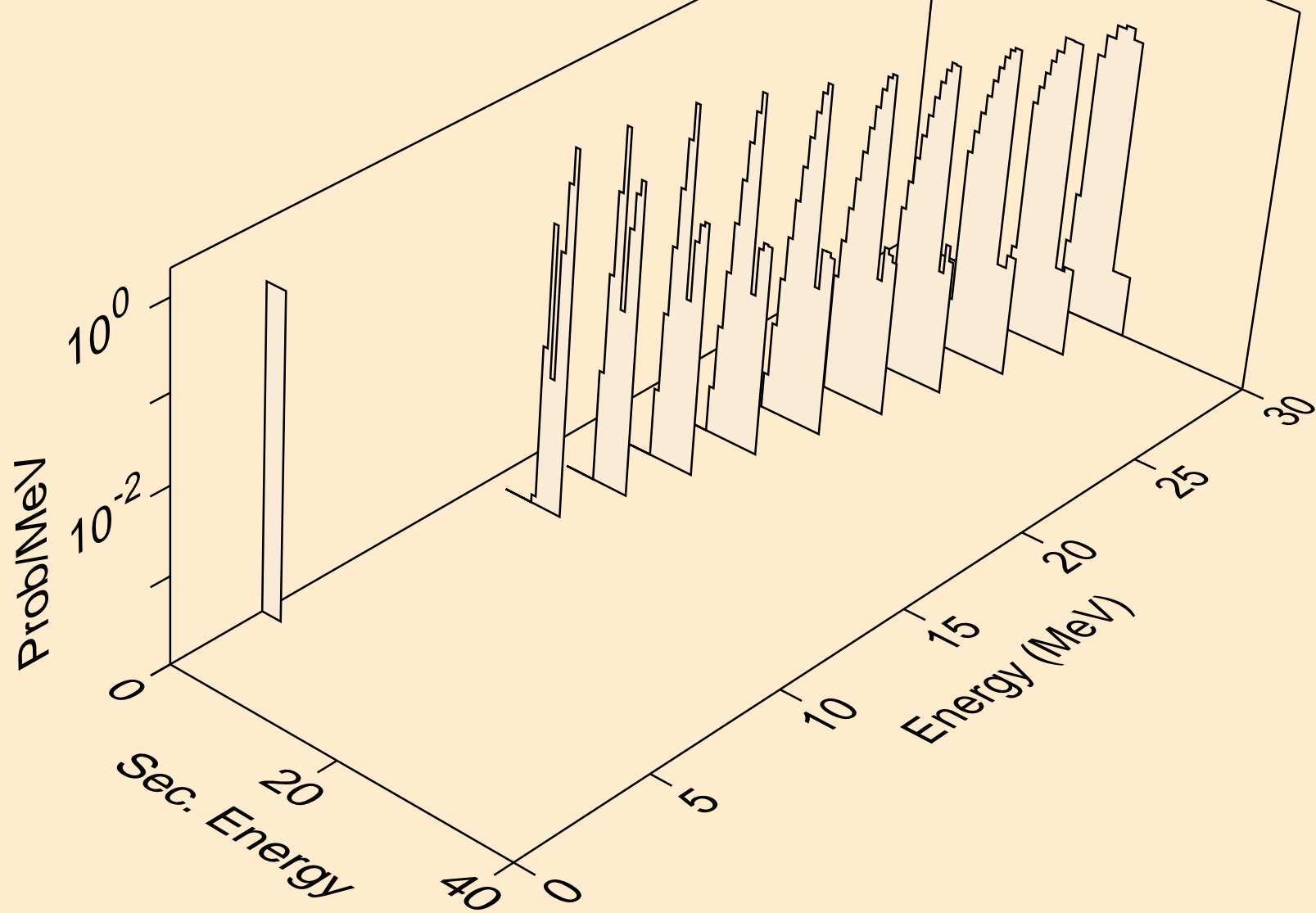
AT228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)



AT228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,n\*)he3

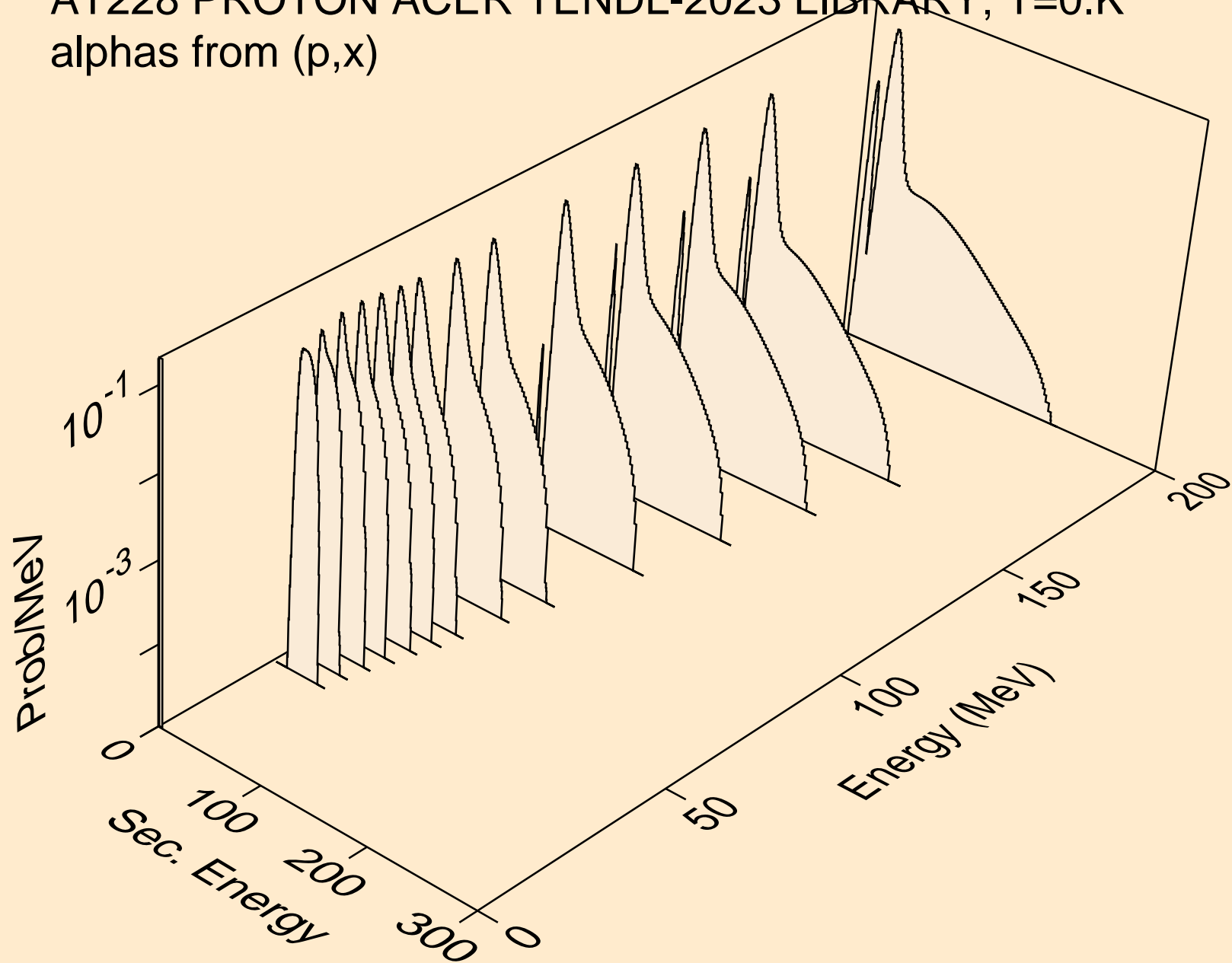


AT228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,he3)

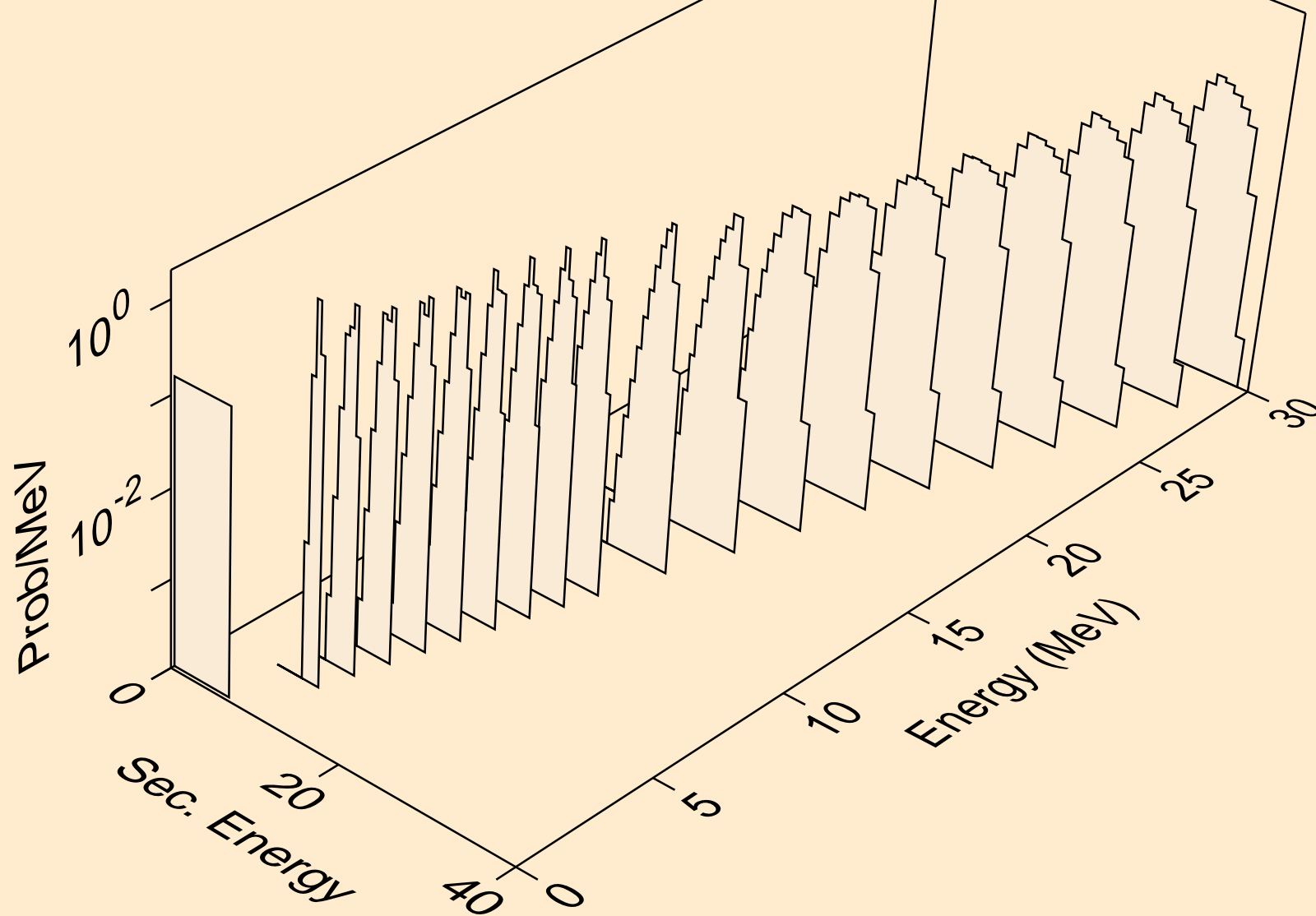




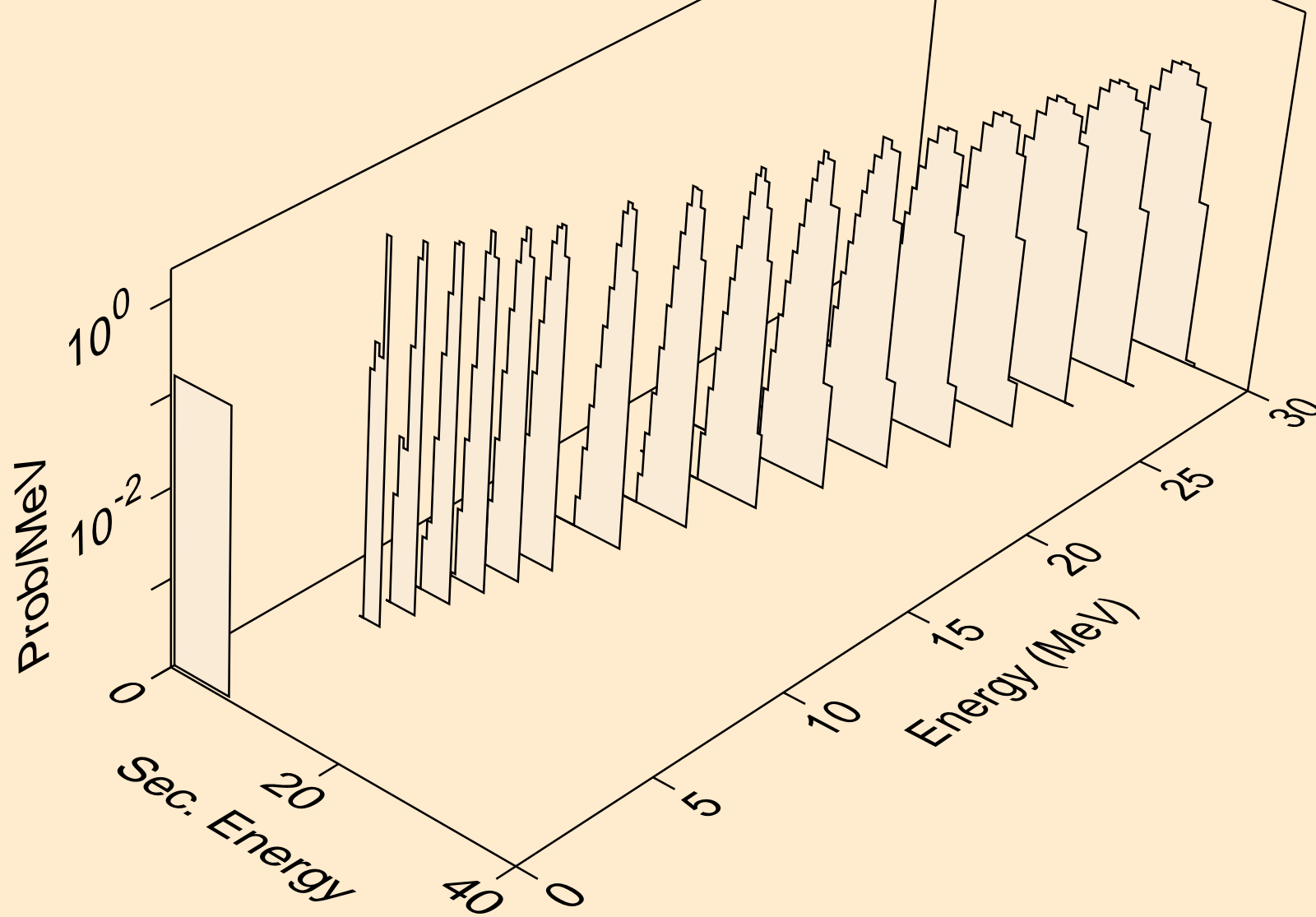
AT228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)



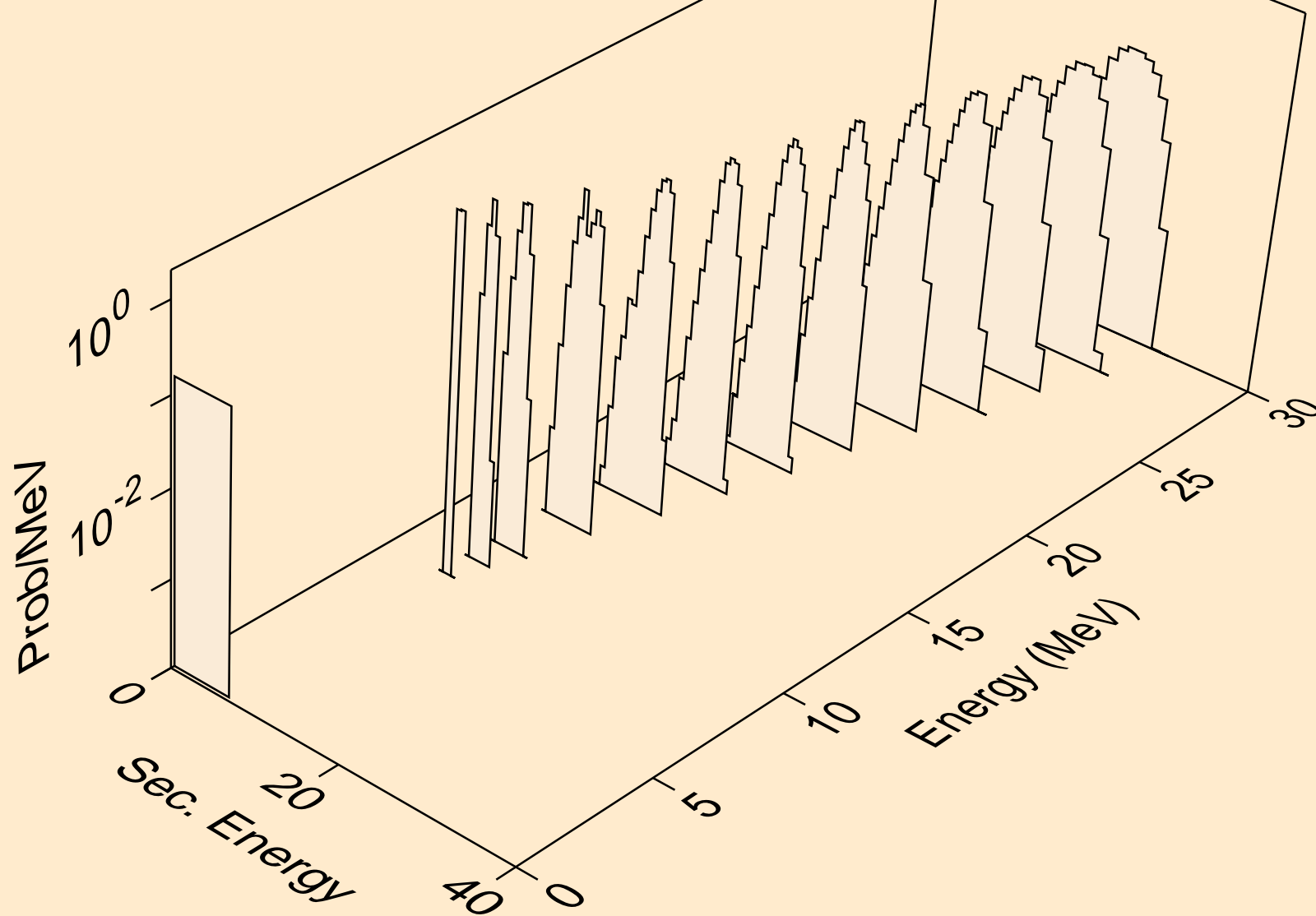
AT228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a



AT228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)a



AT228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,3n)a



AT228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)

