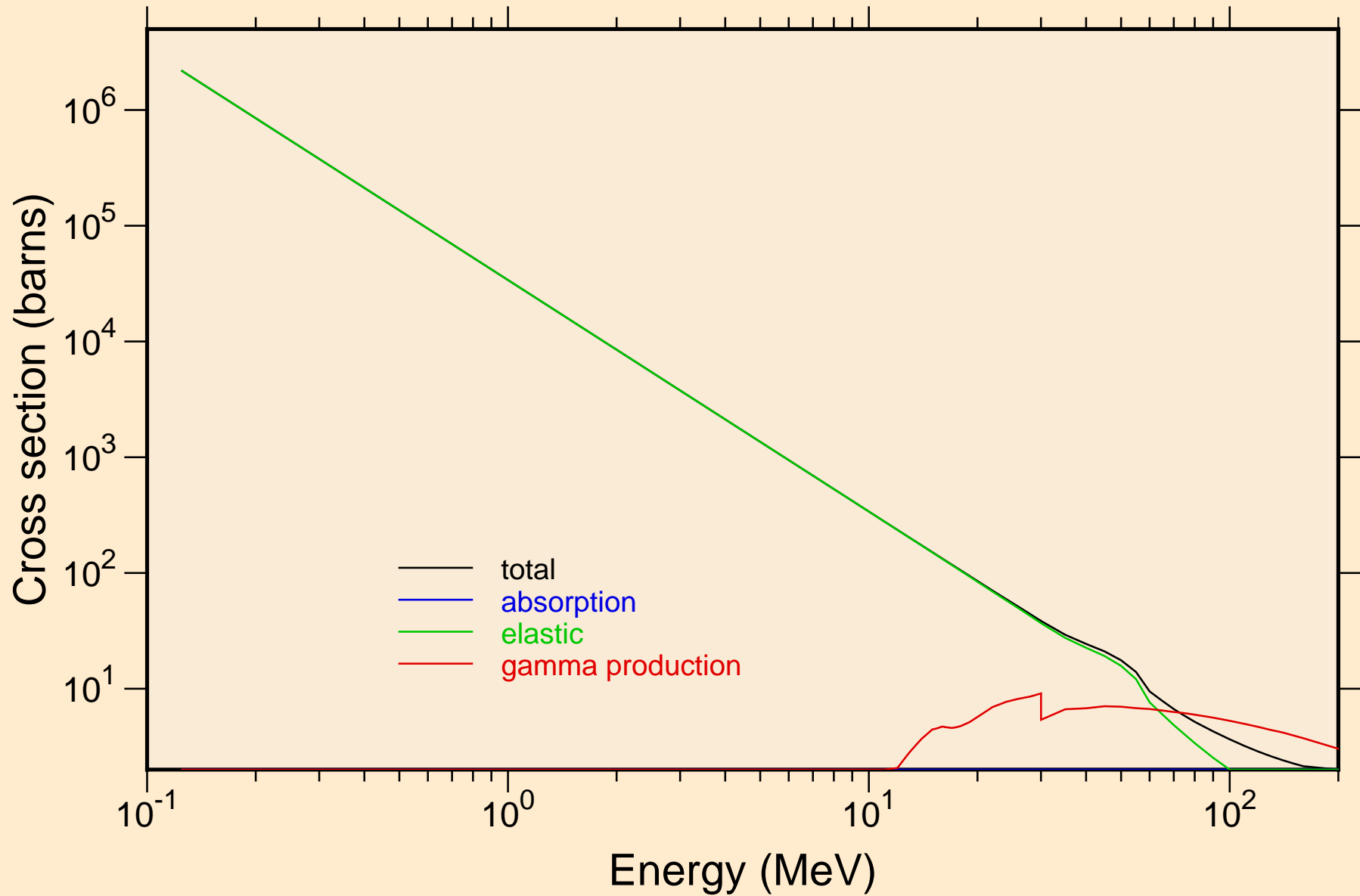
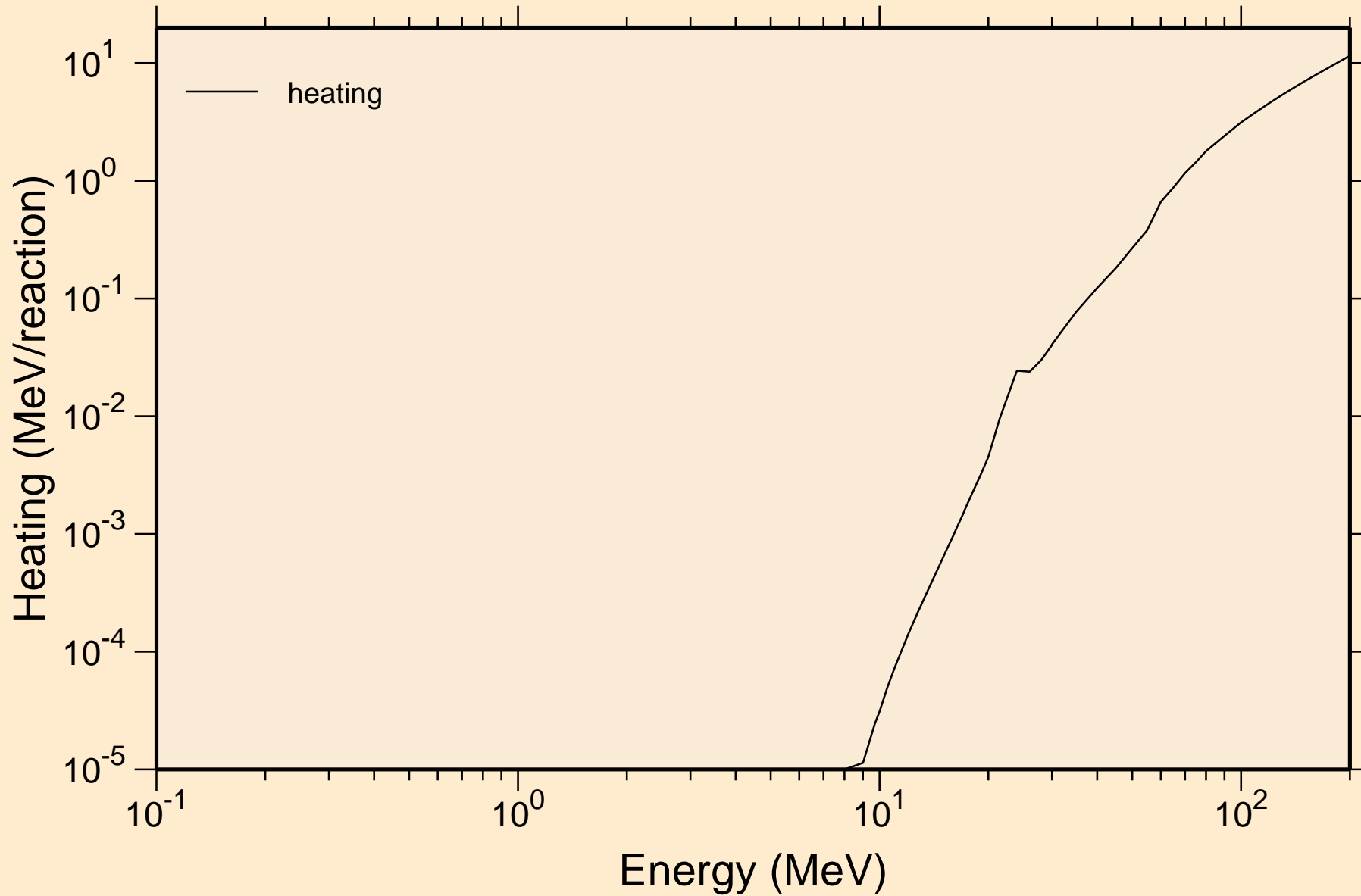


# W177 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

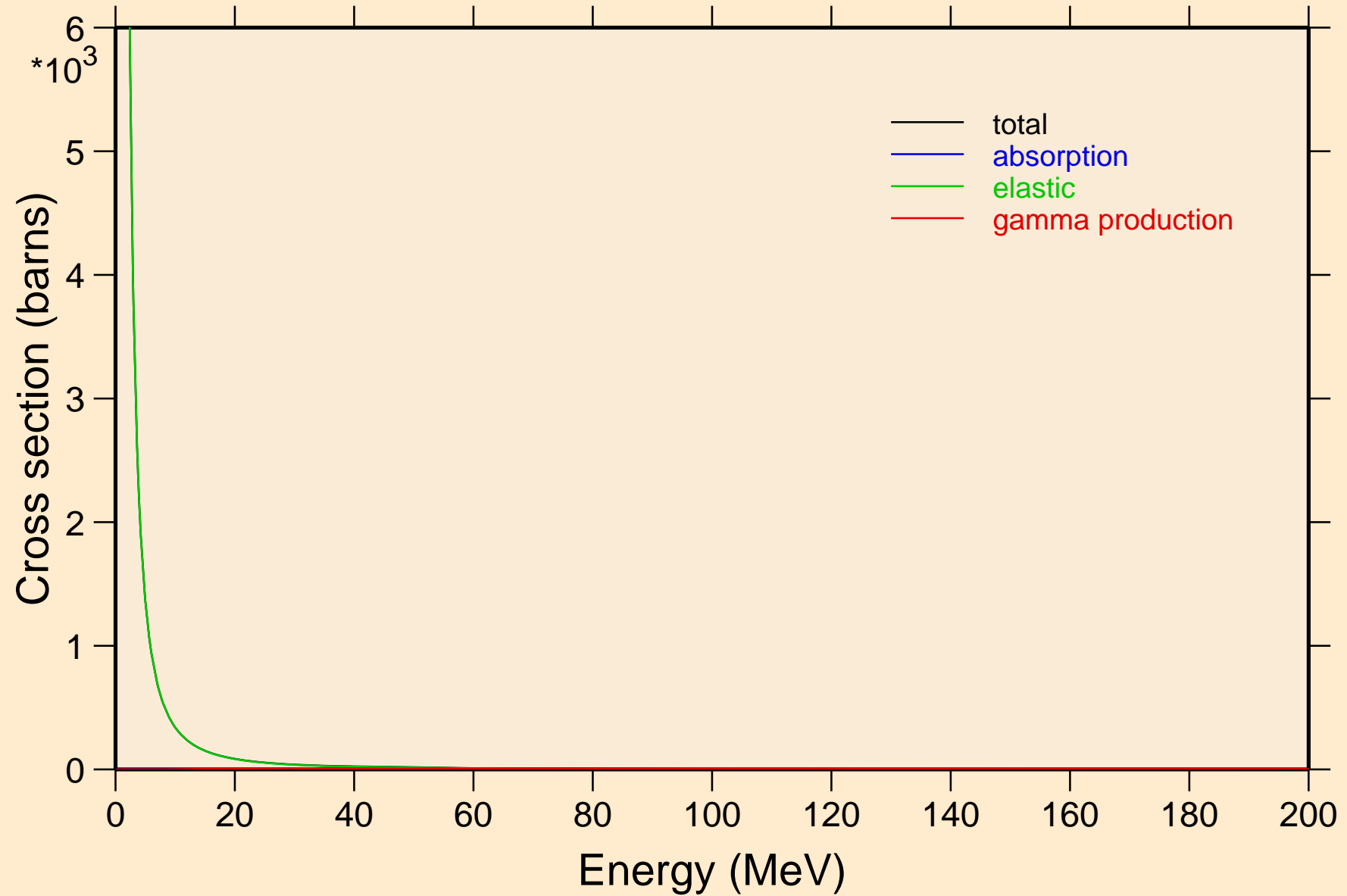


W177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Heating



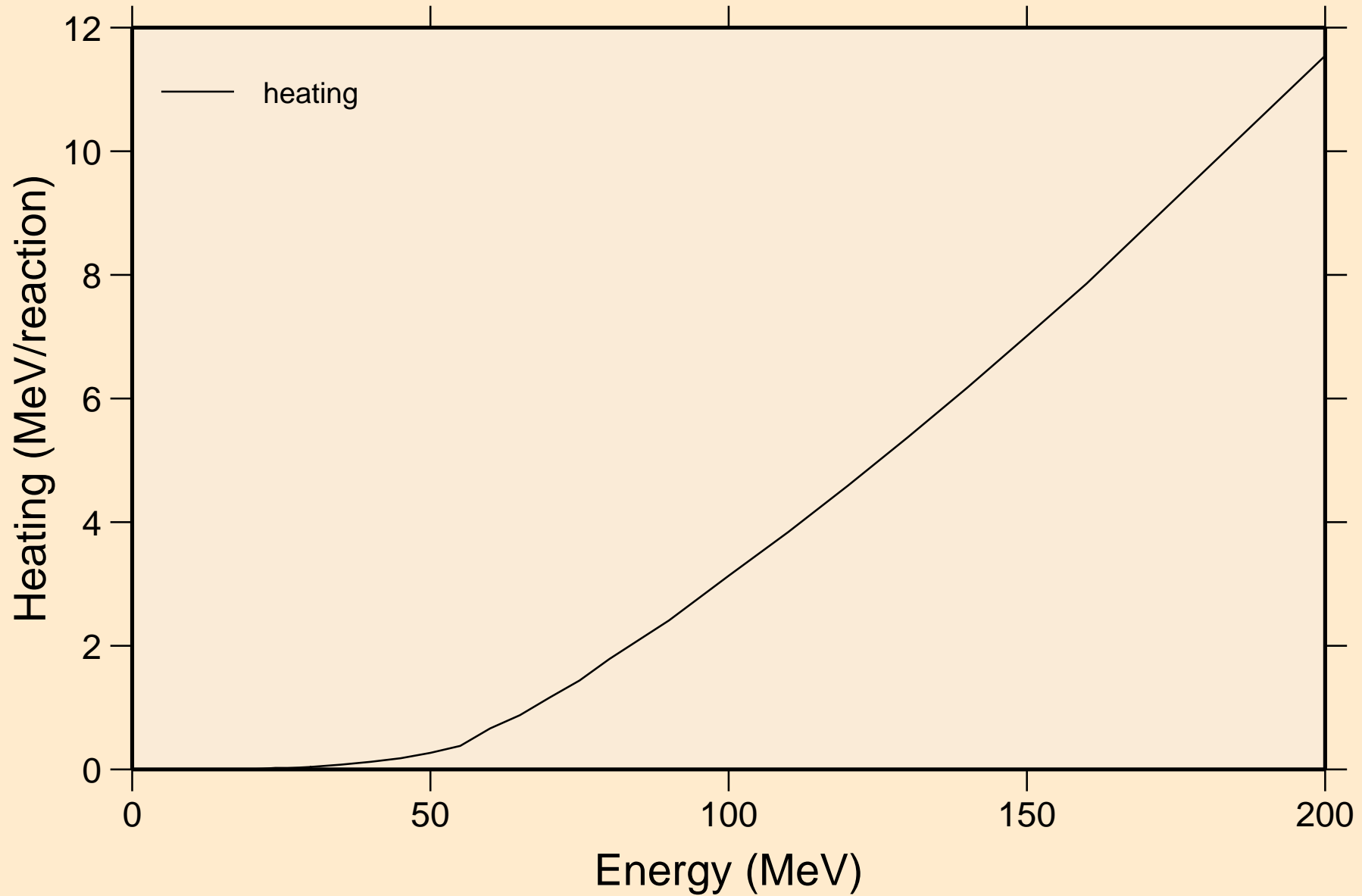
# W177 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



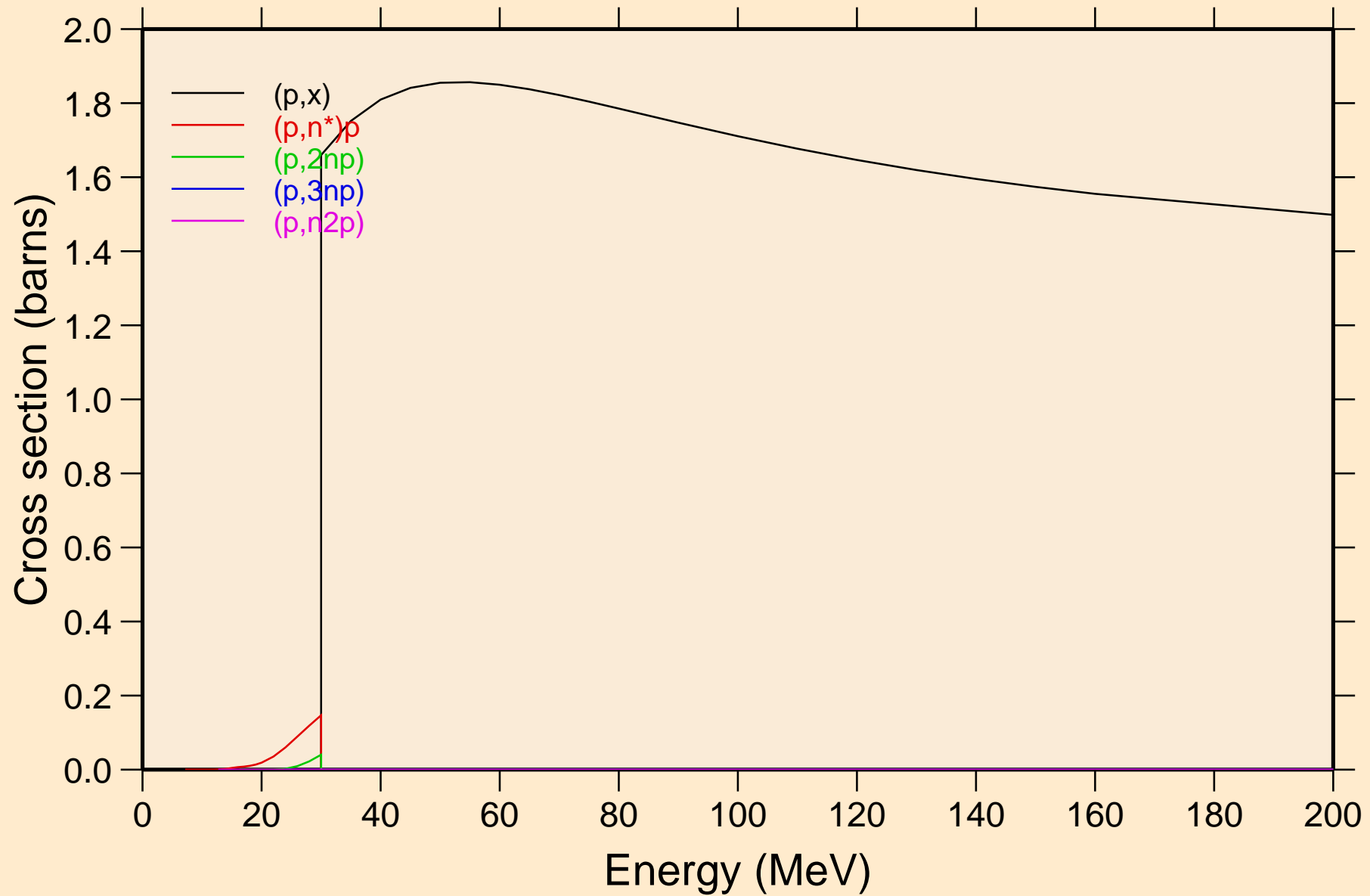
W177 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Heating

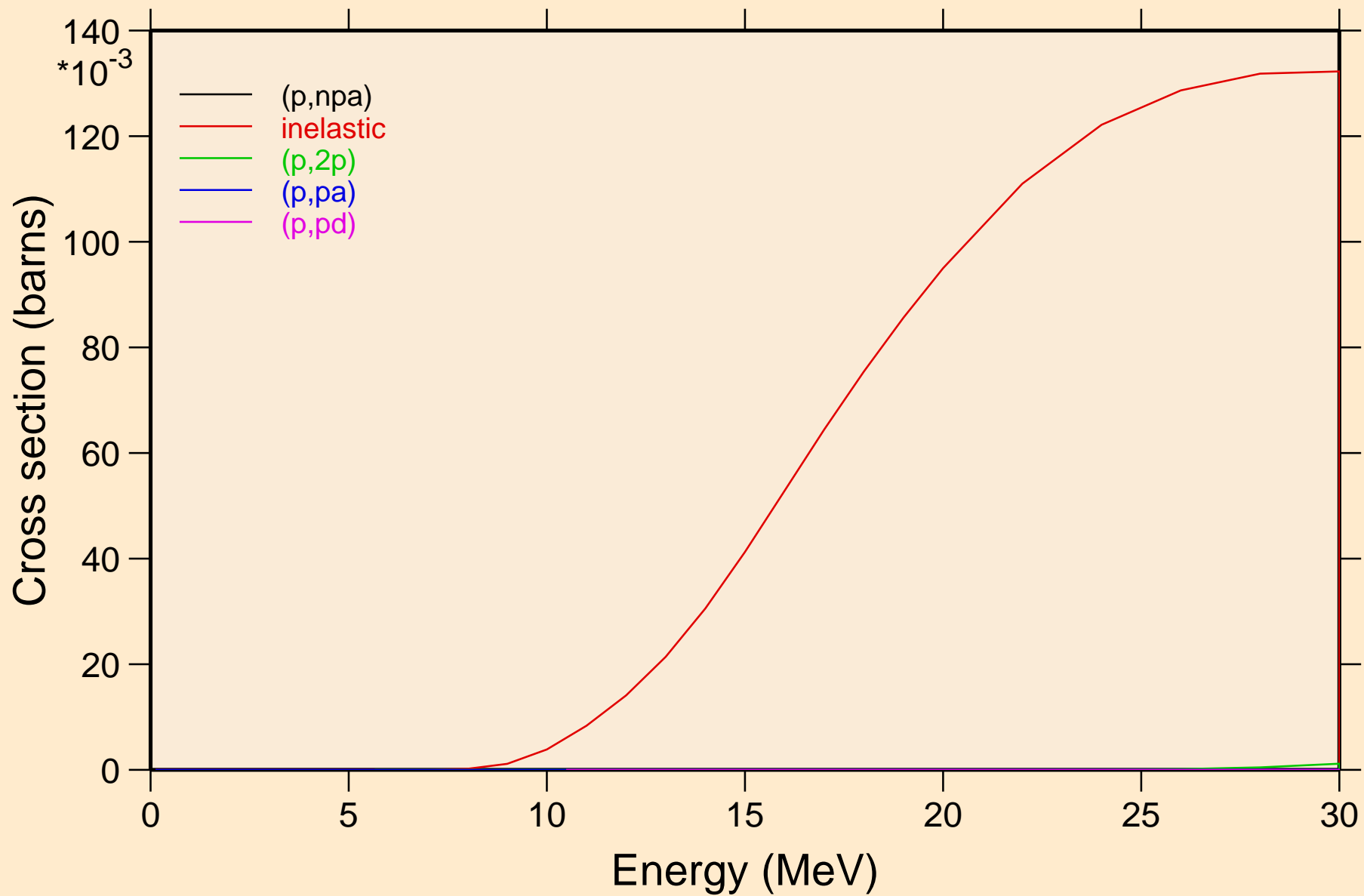


# W177 PROTON ACER TENDL-2023 LIBRARY; T=0.K

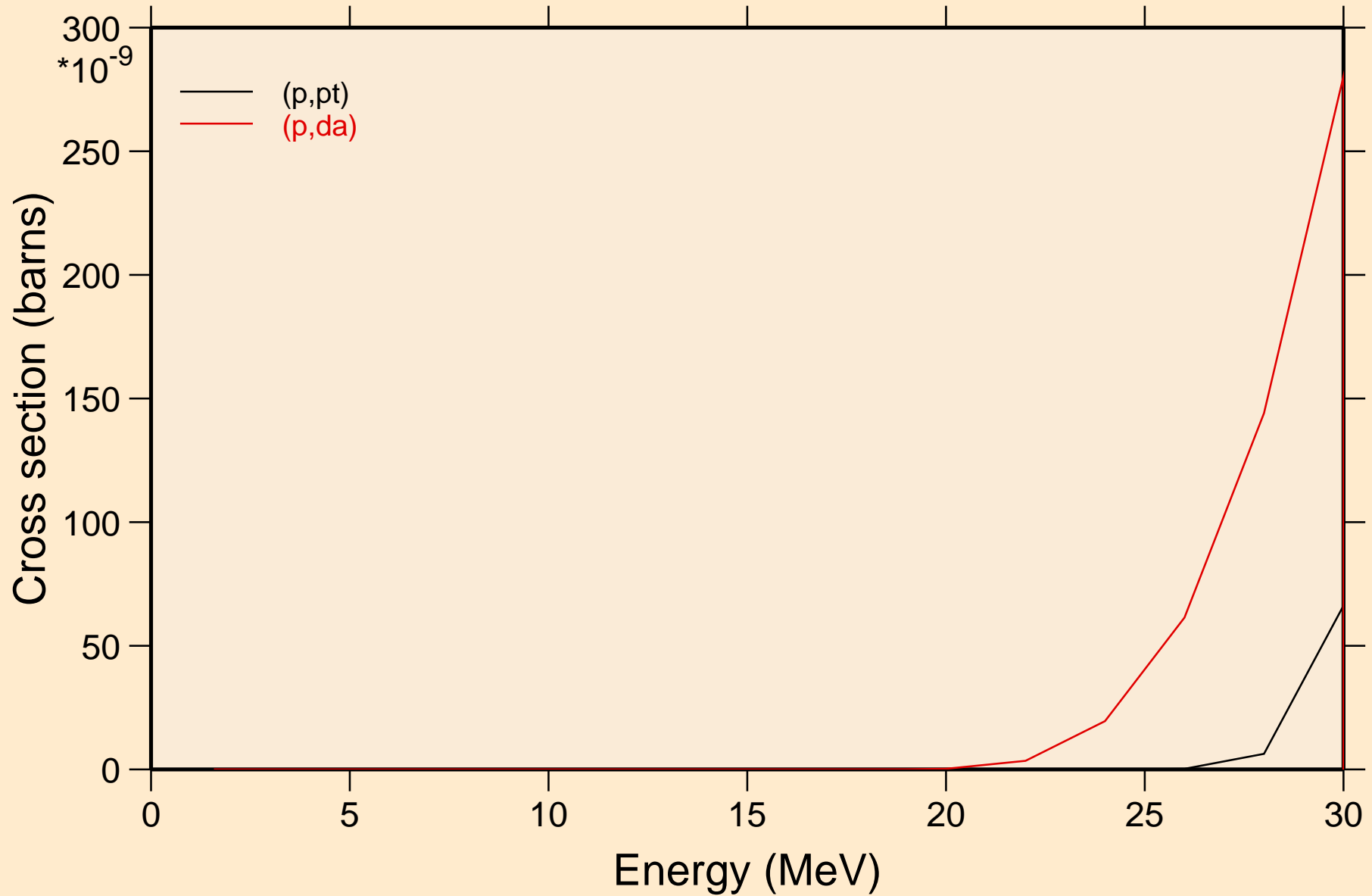
## Threshold reactions



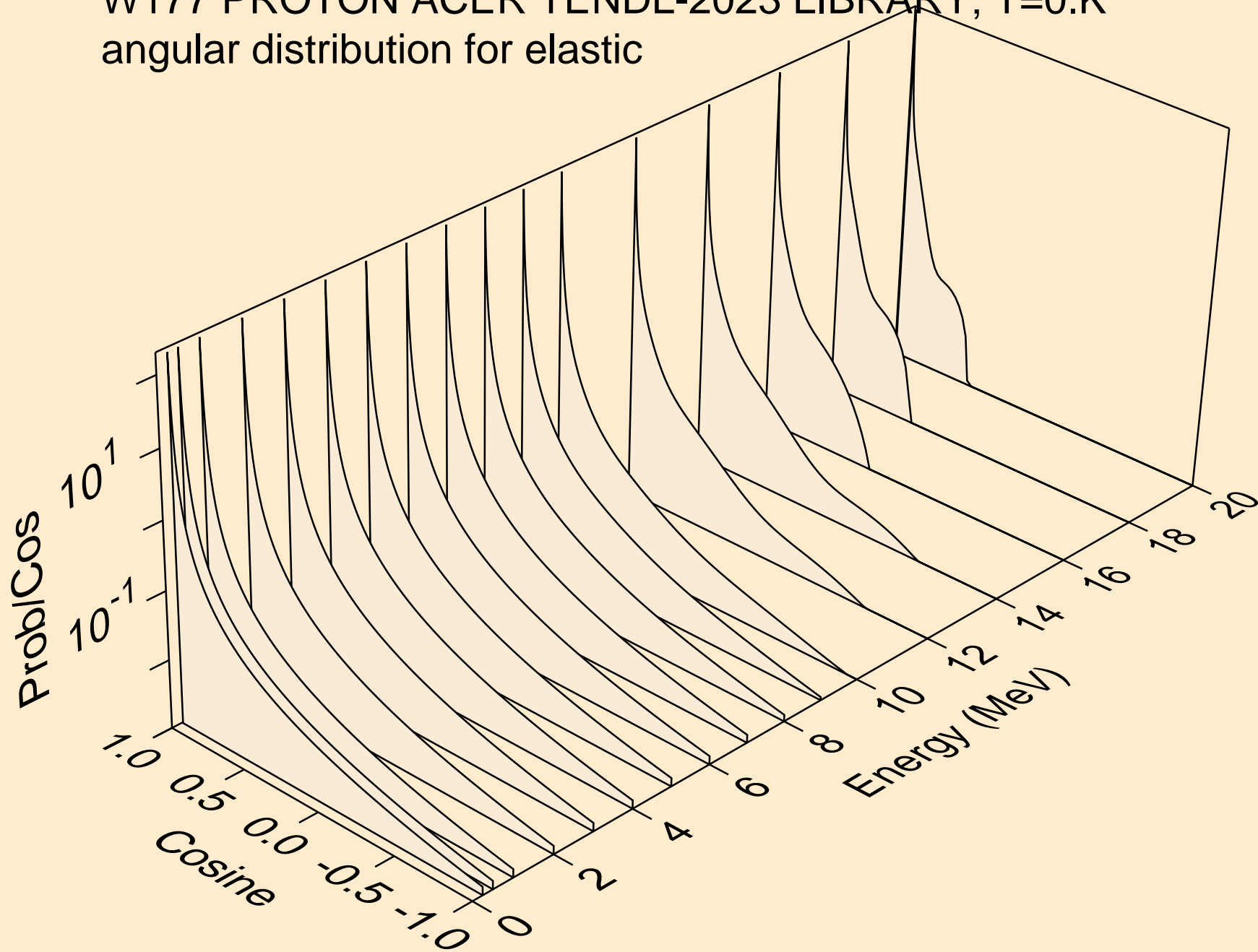
W177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



W177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

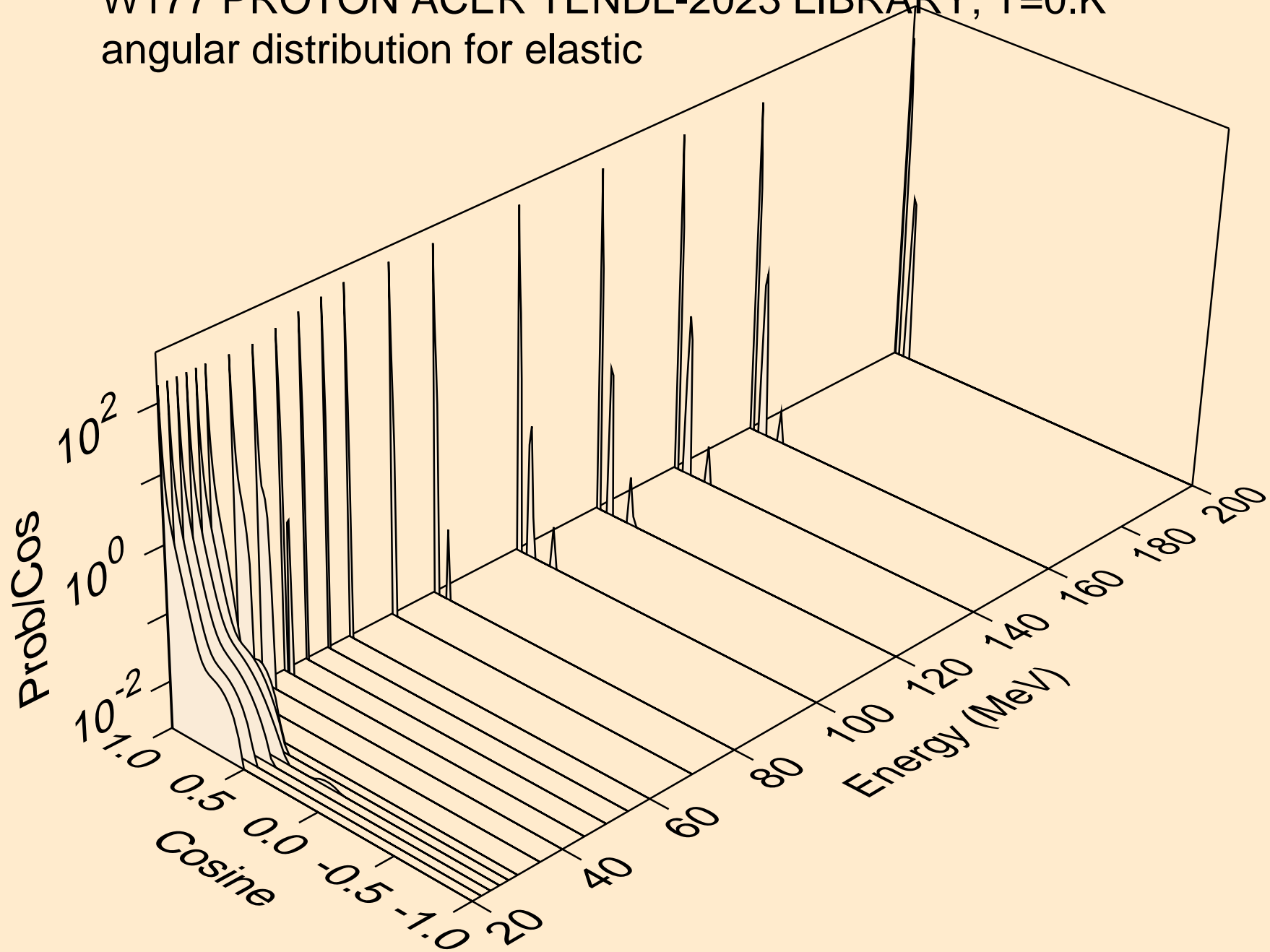


W177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

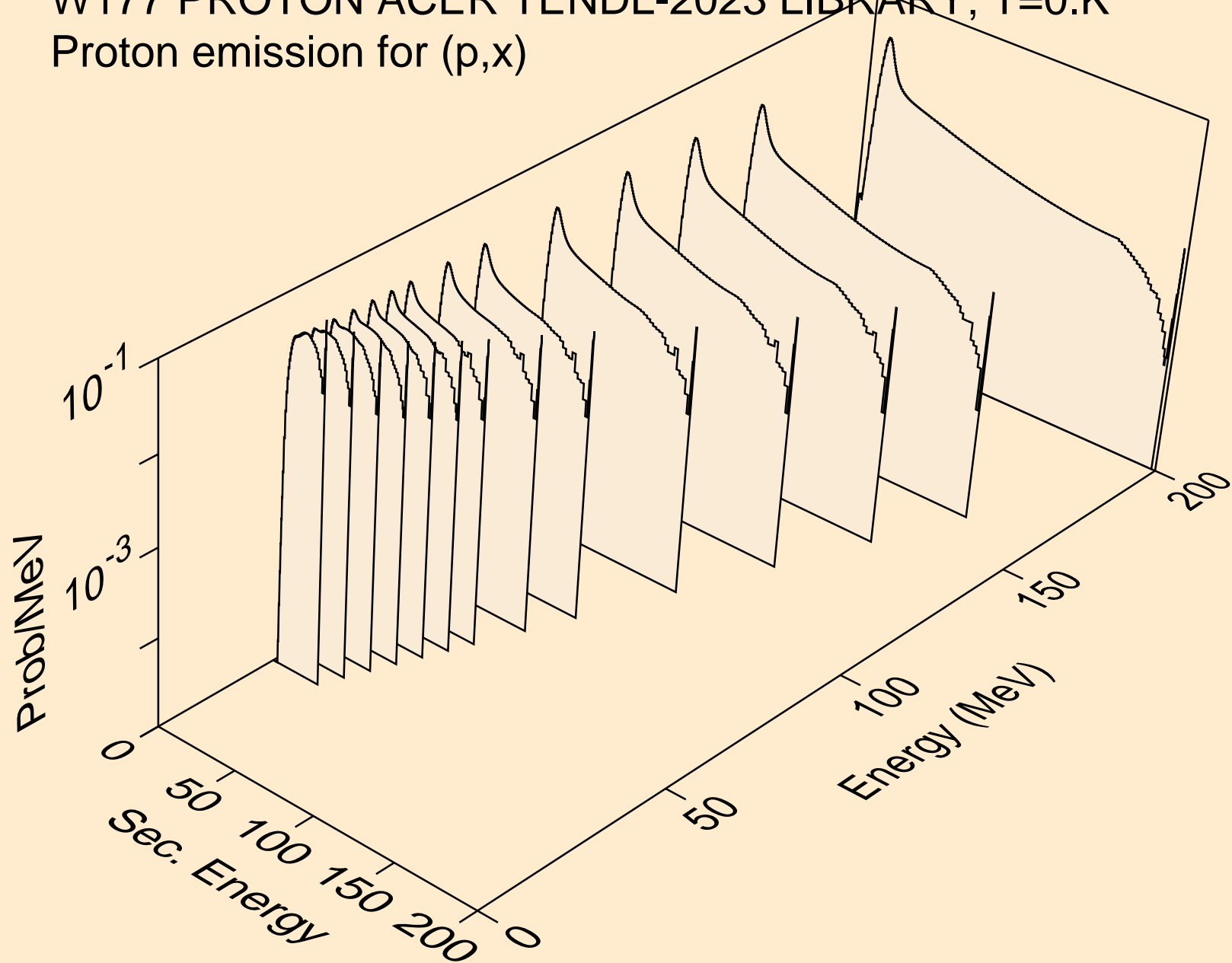




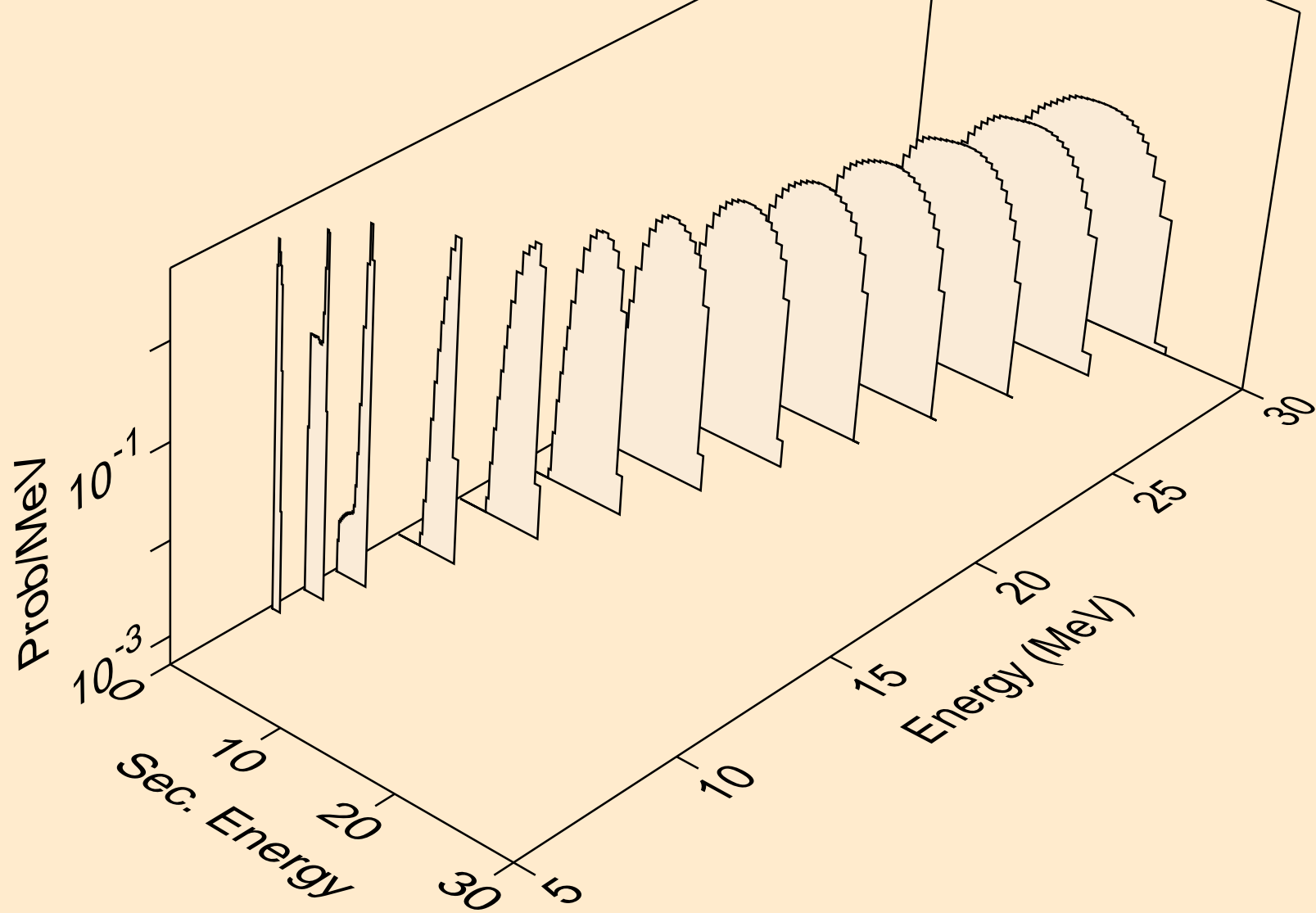
W177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



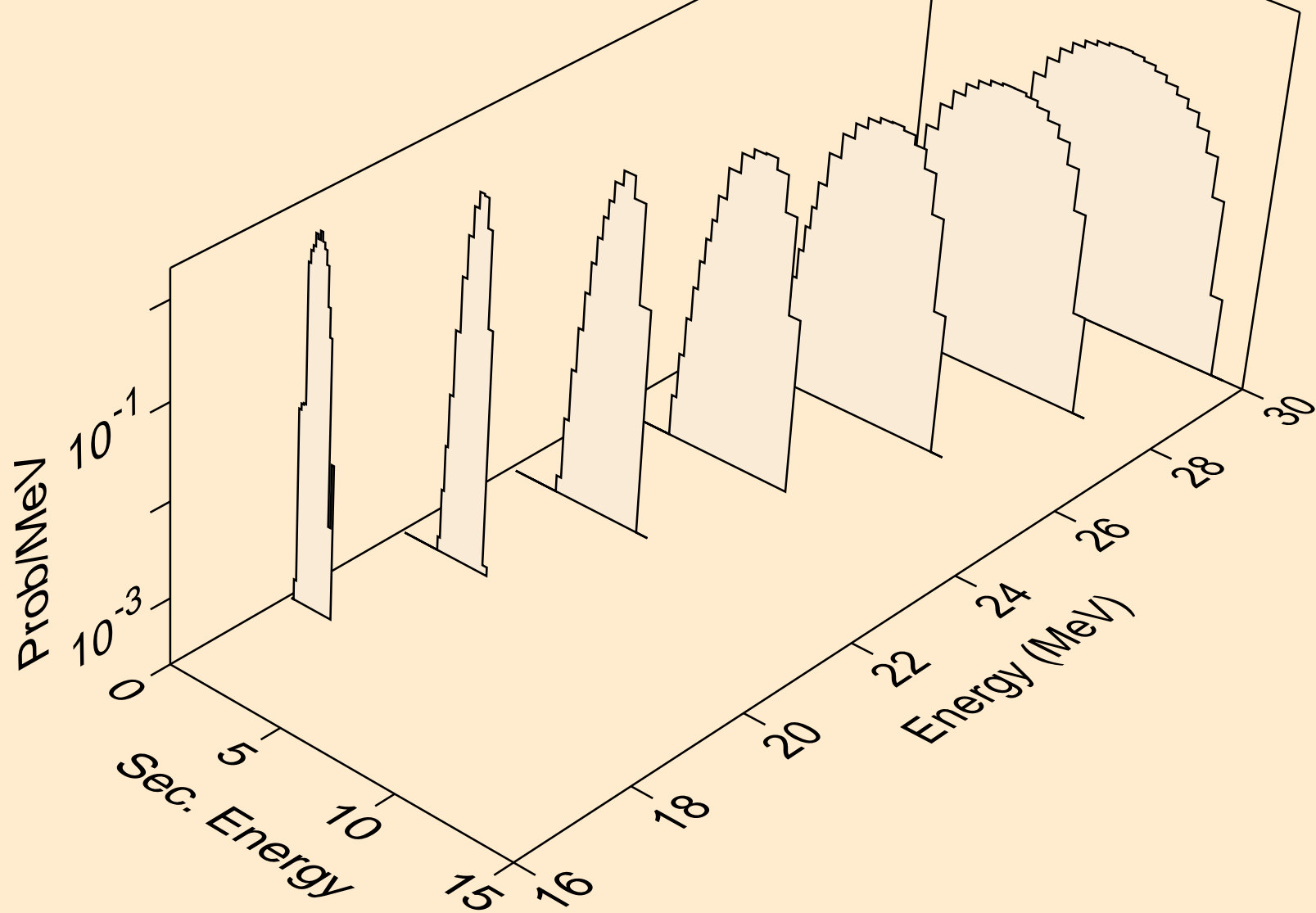
W177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



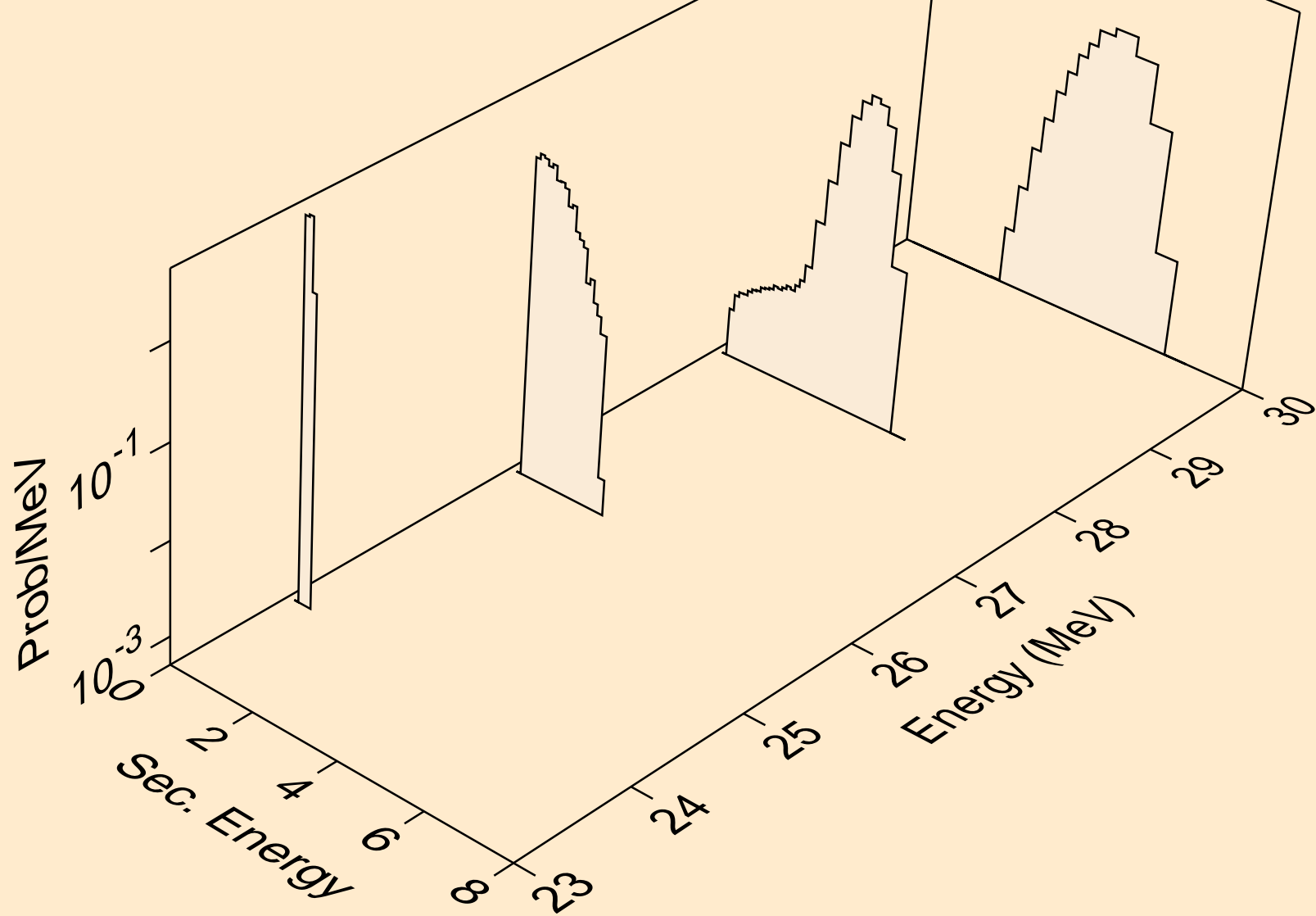
W177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



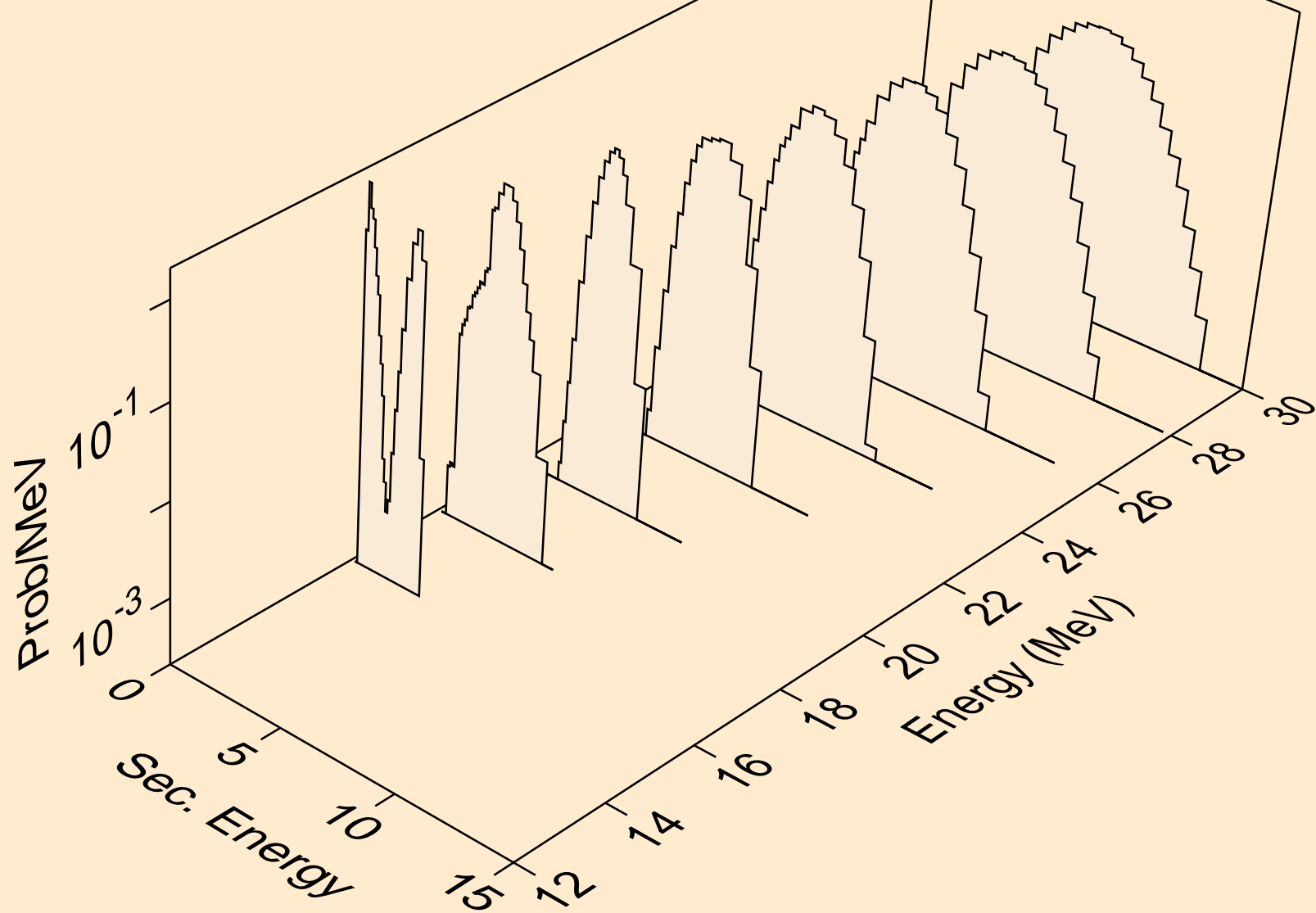
W177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



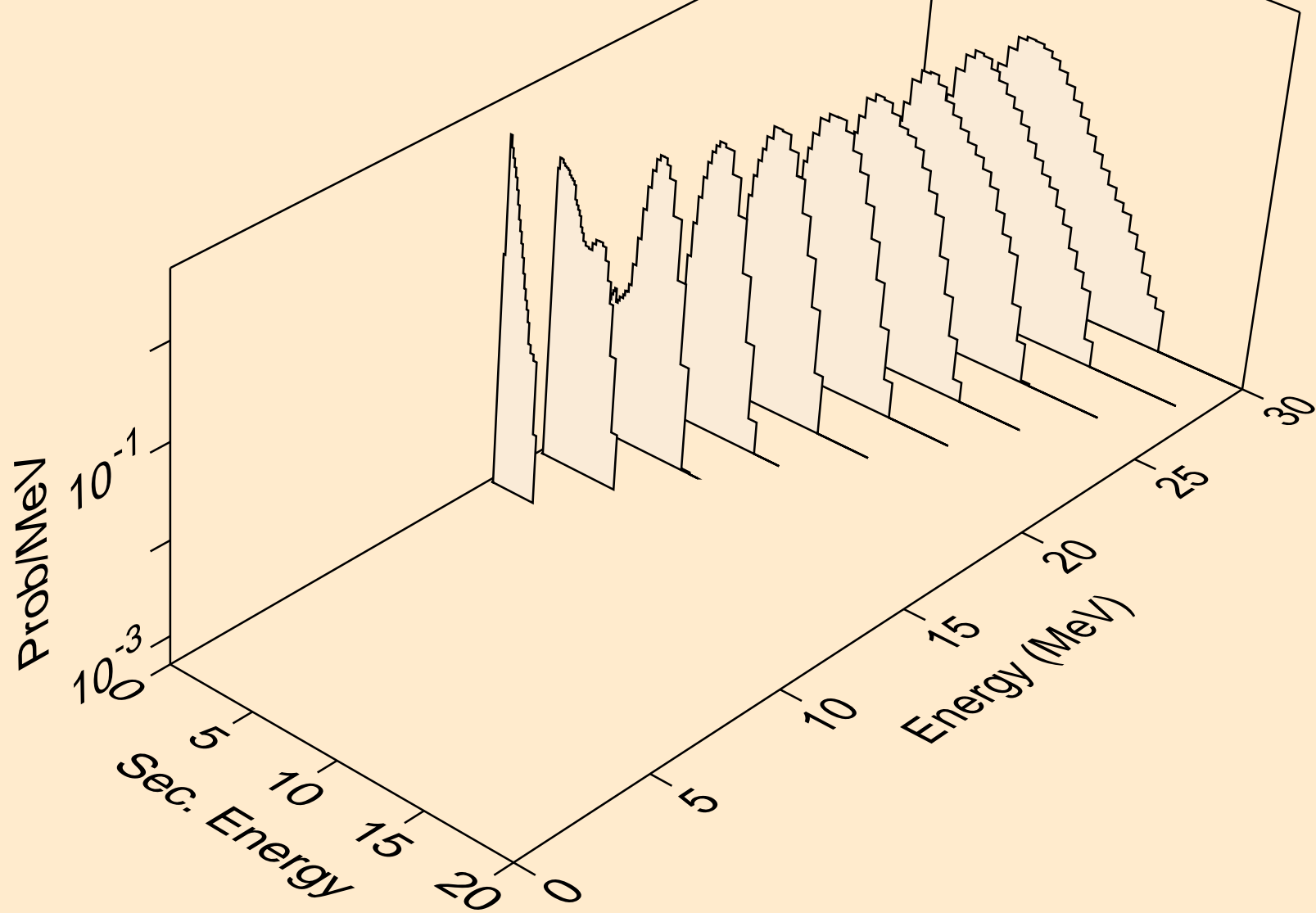
W177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,3np)



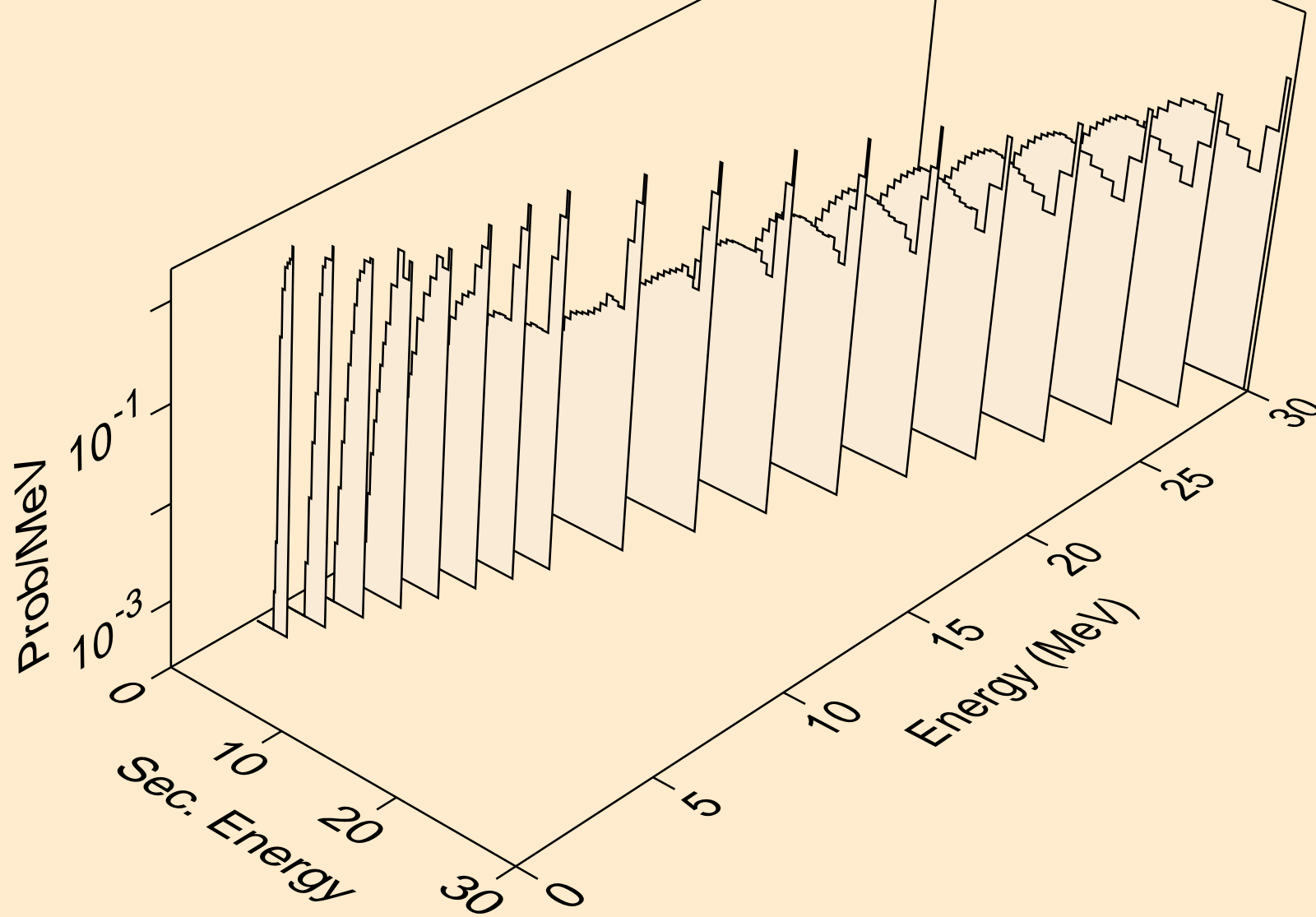
W177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)



W177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,npa)

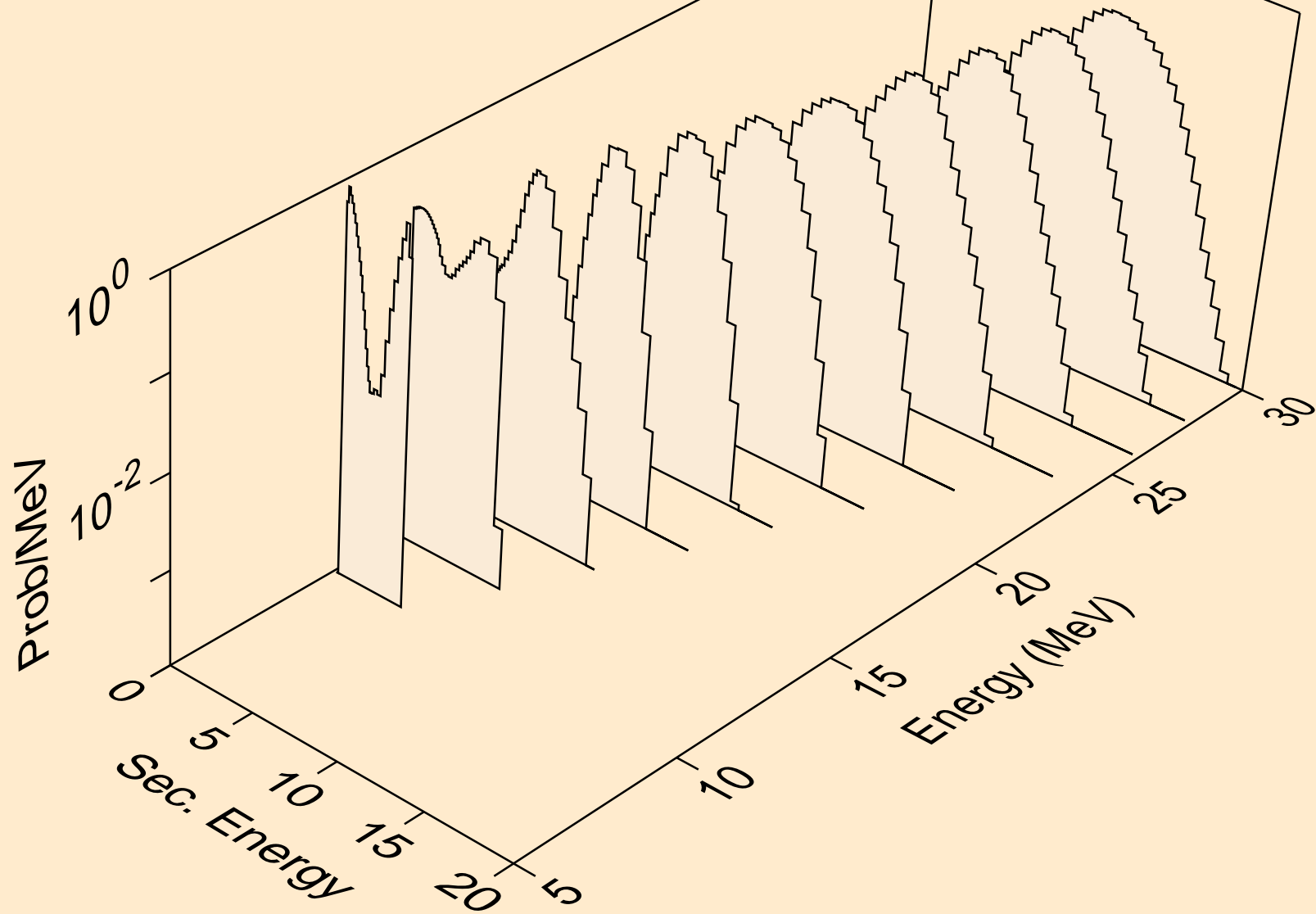


W177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic

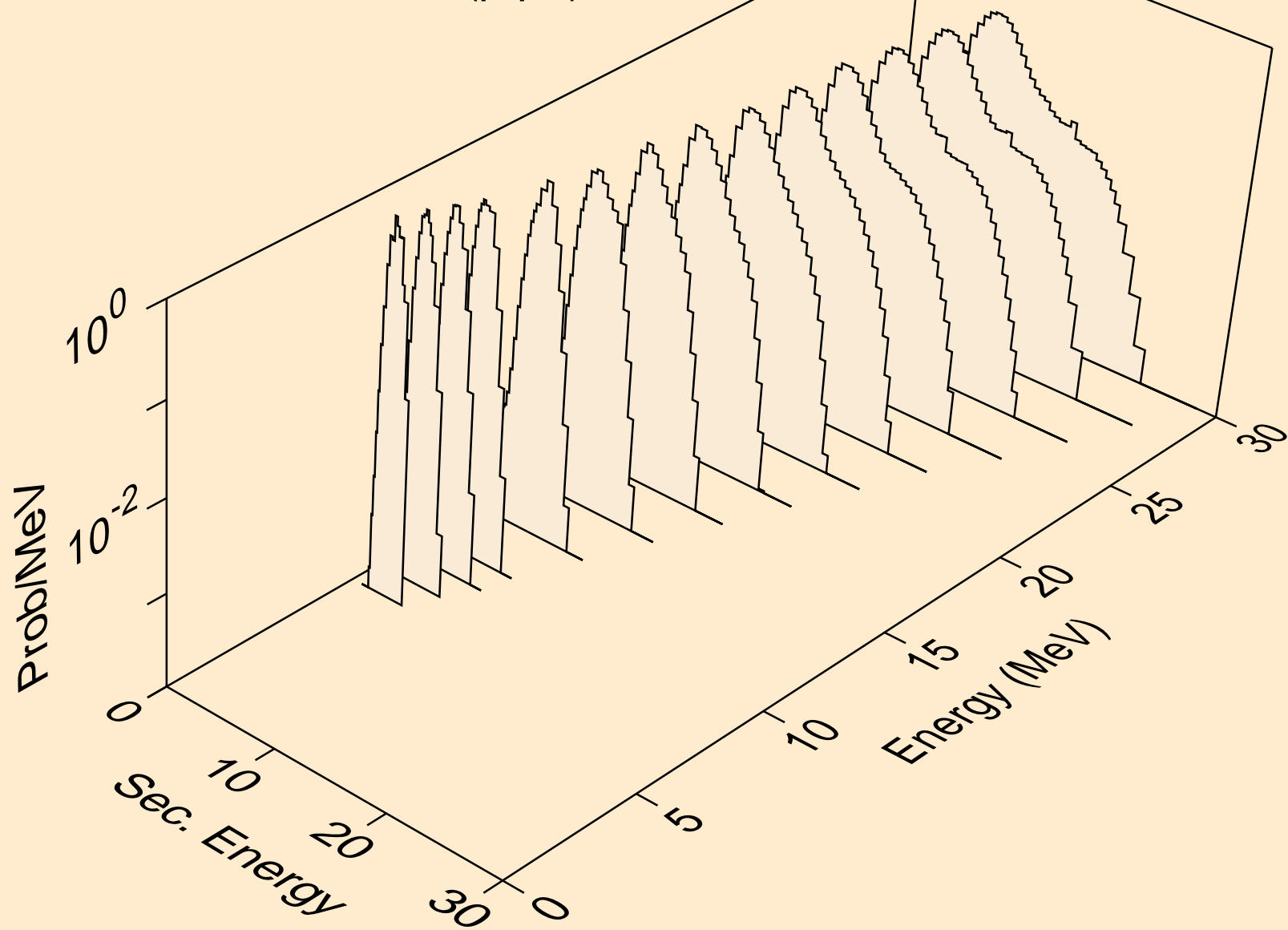




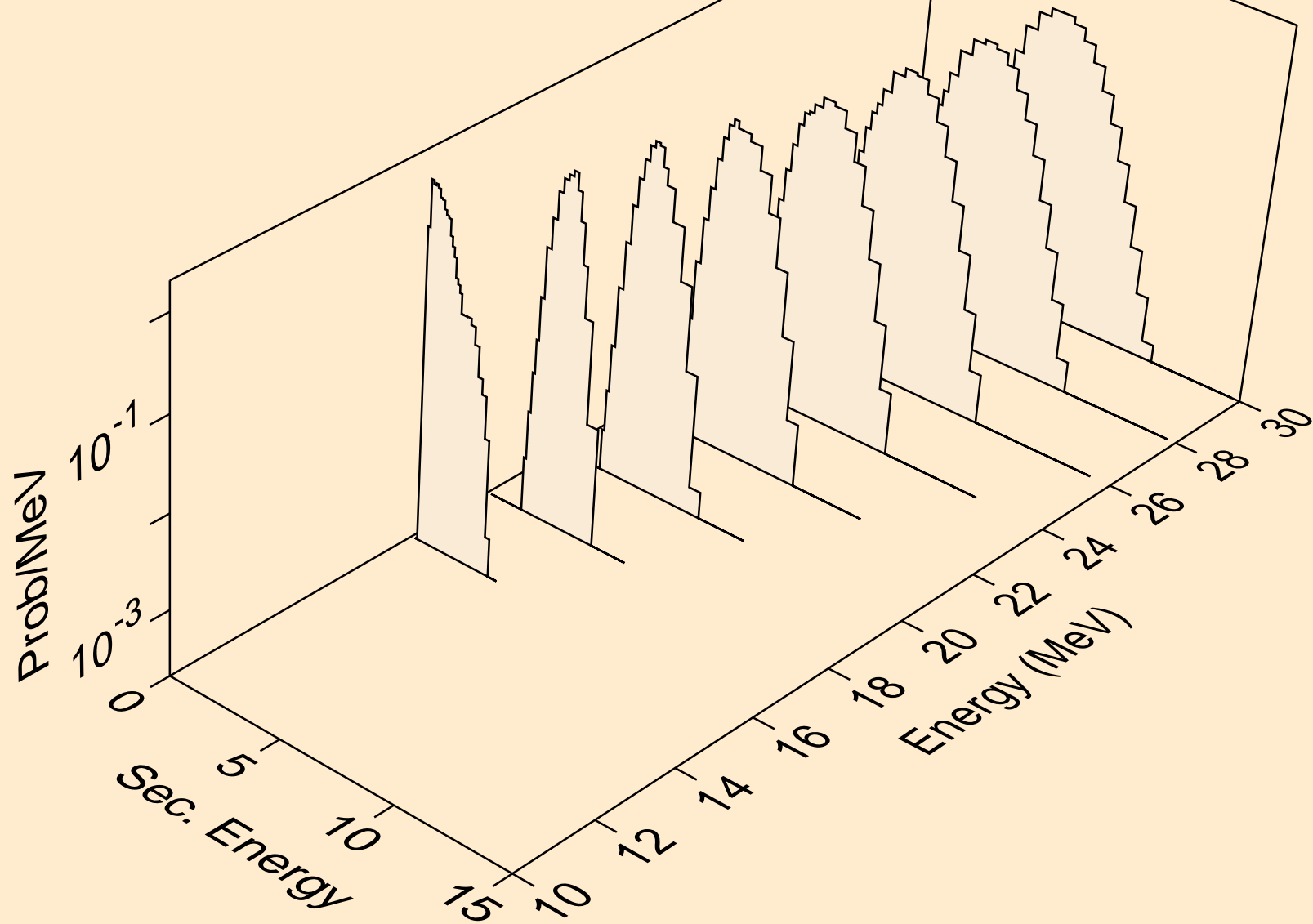
W177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)



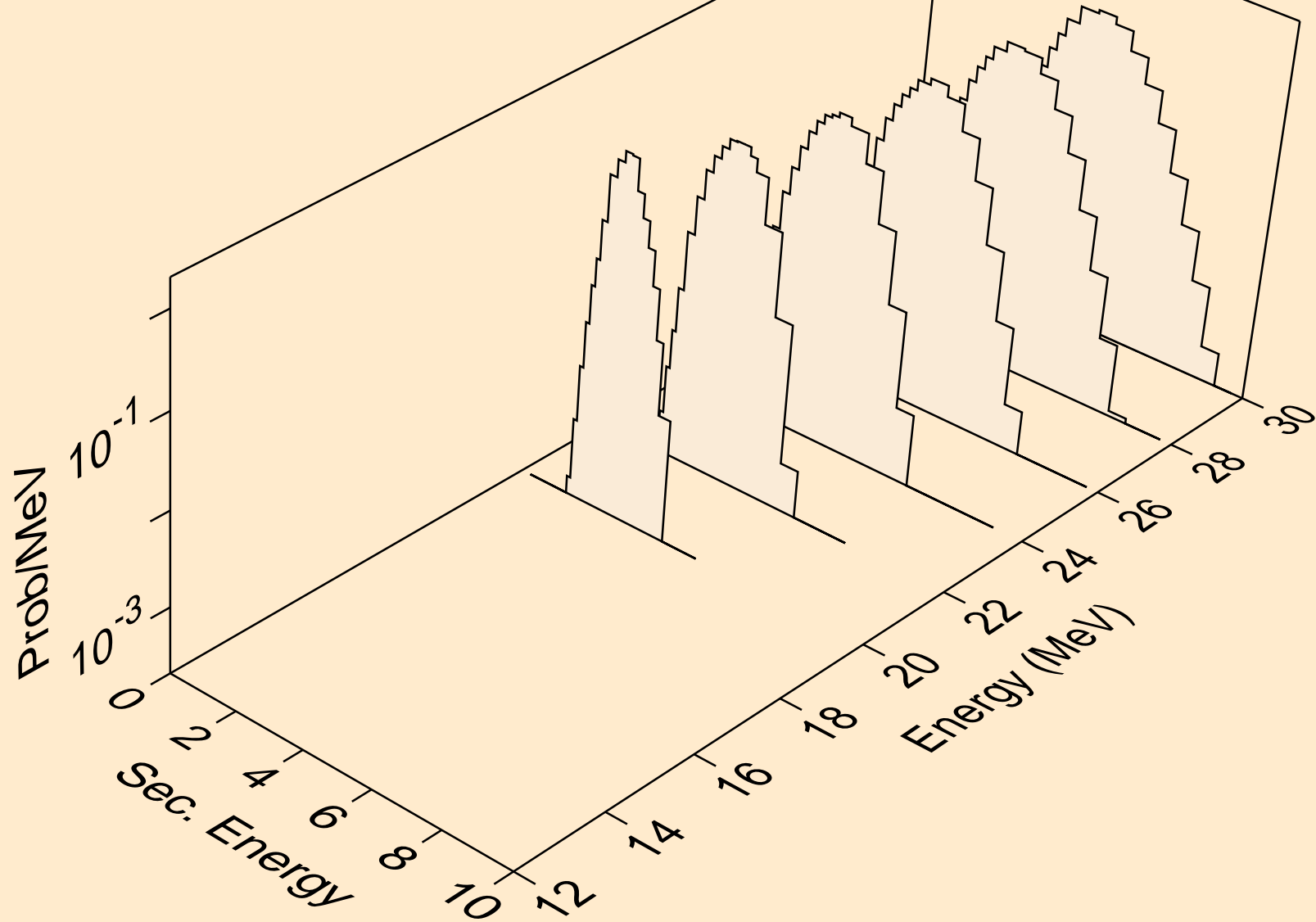
W177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pa)



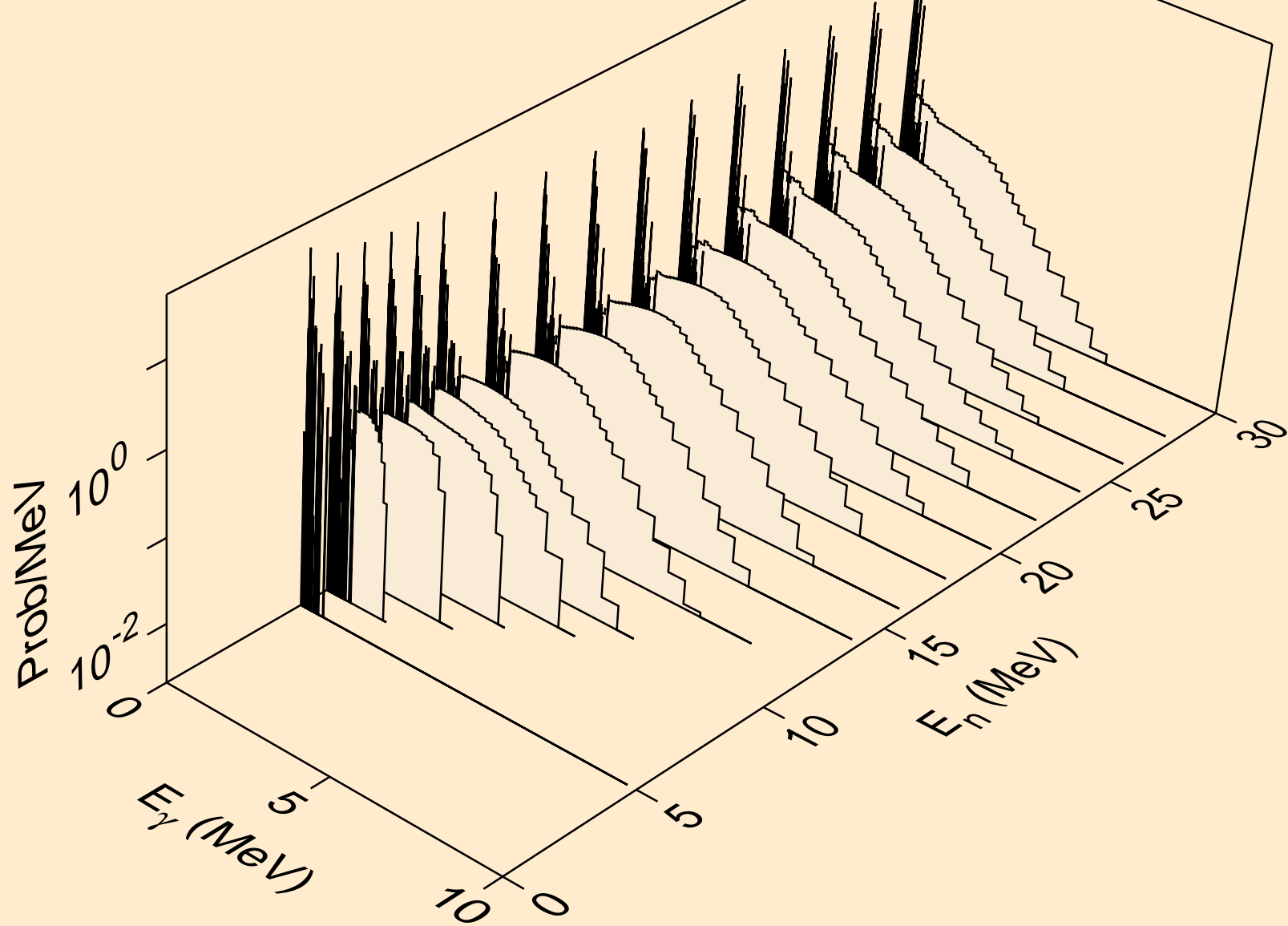
W177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pd)



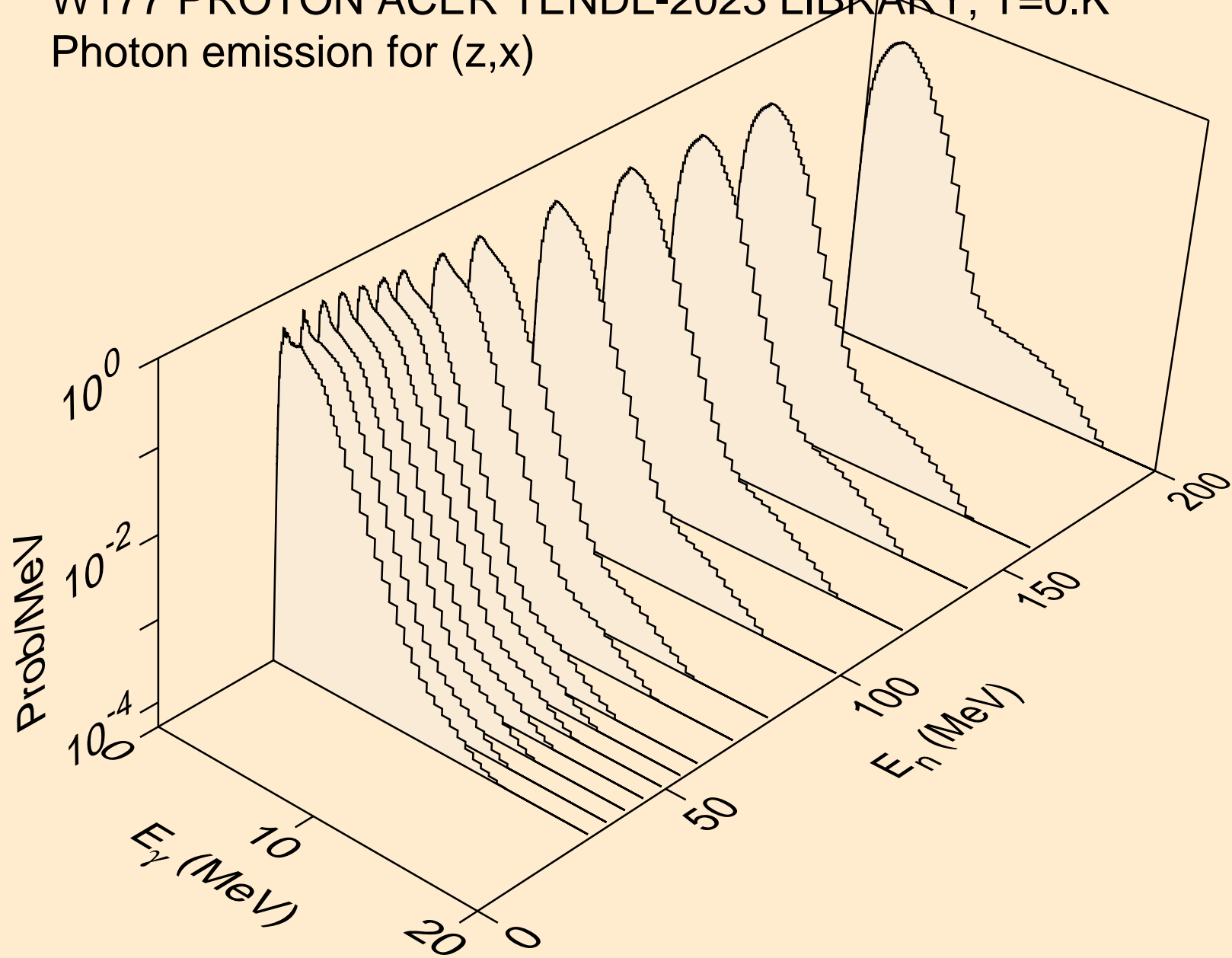
W177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pt)



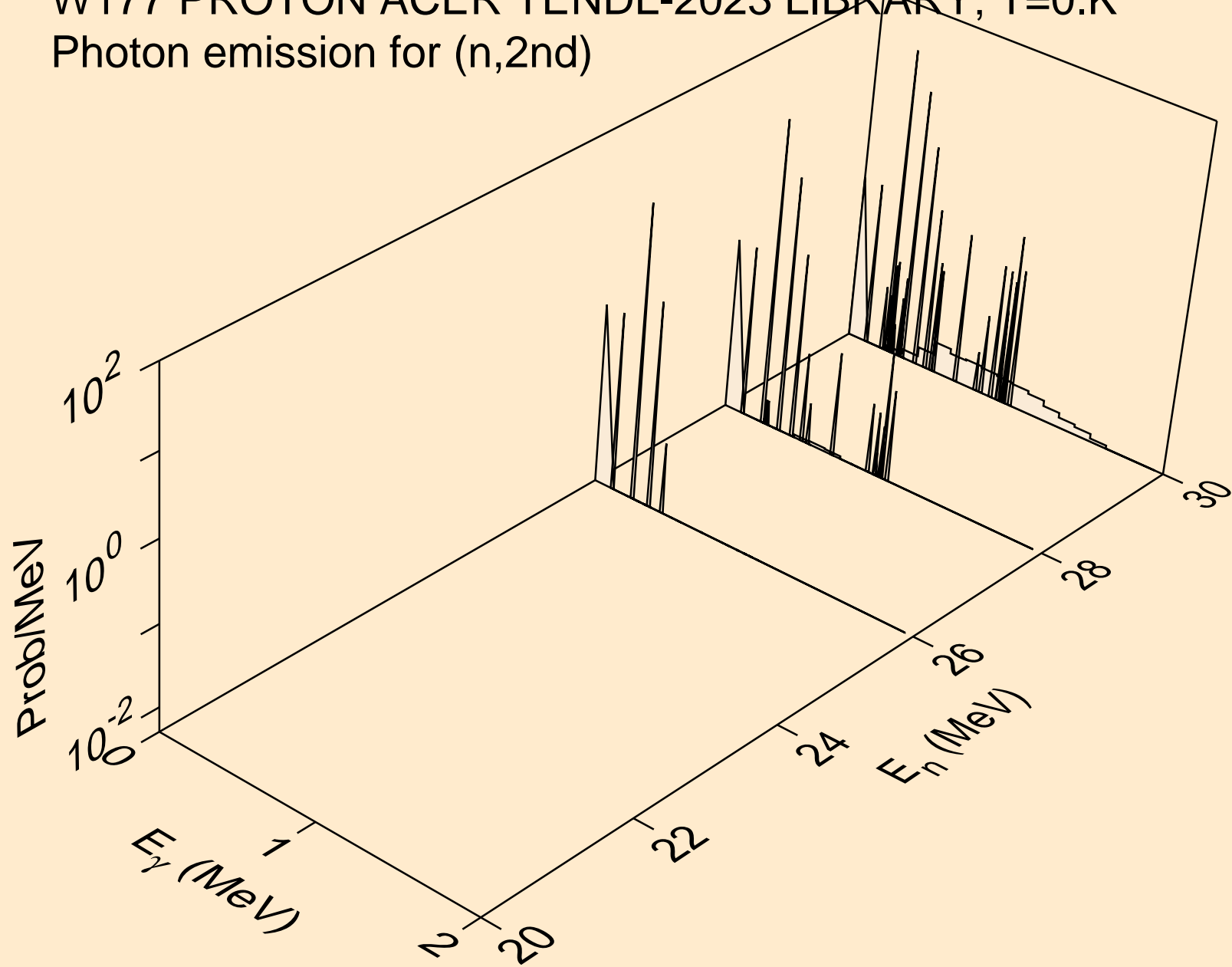
W177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



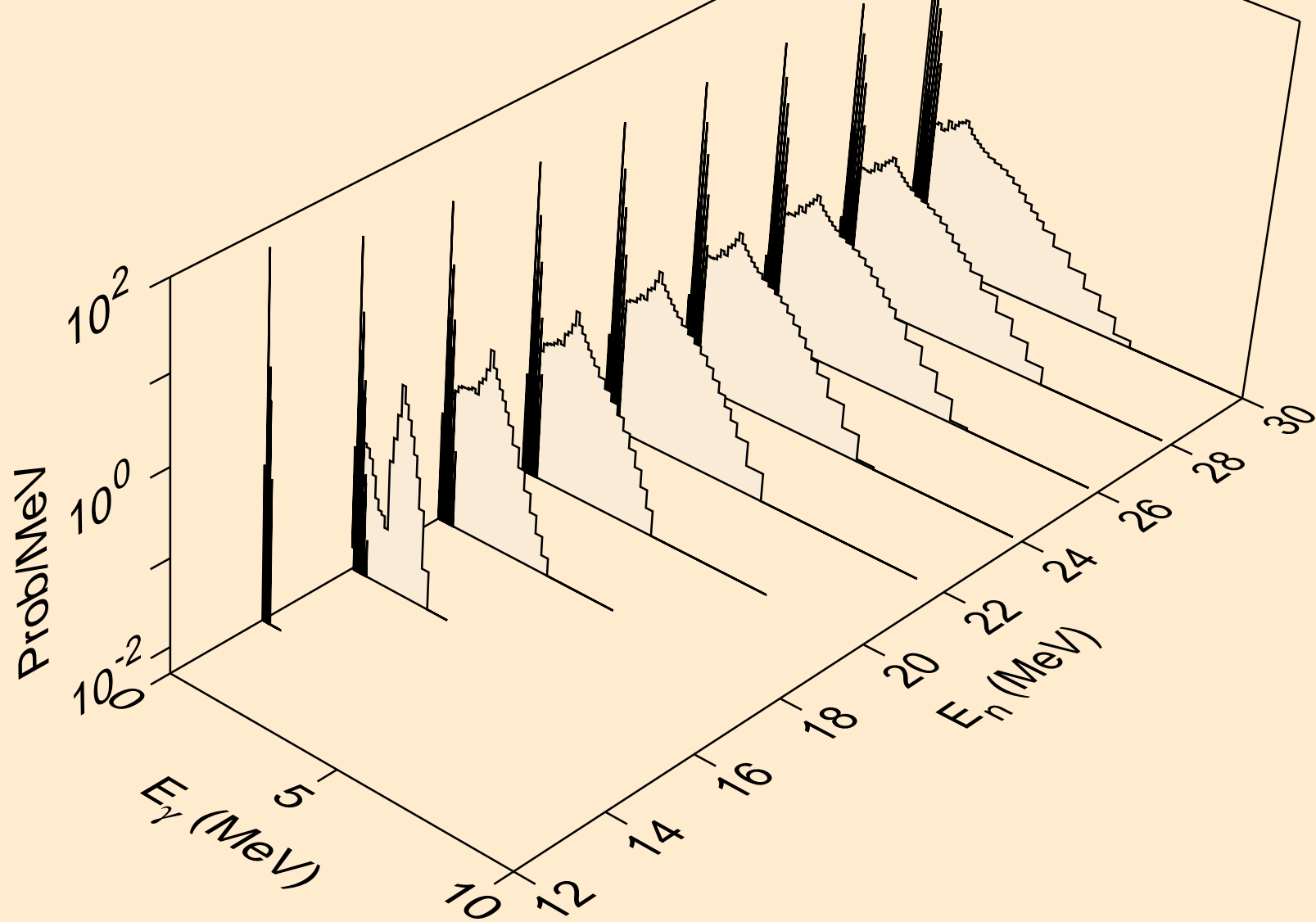
W177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



W177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)

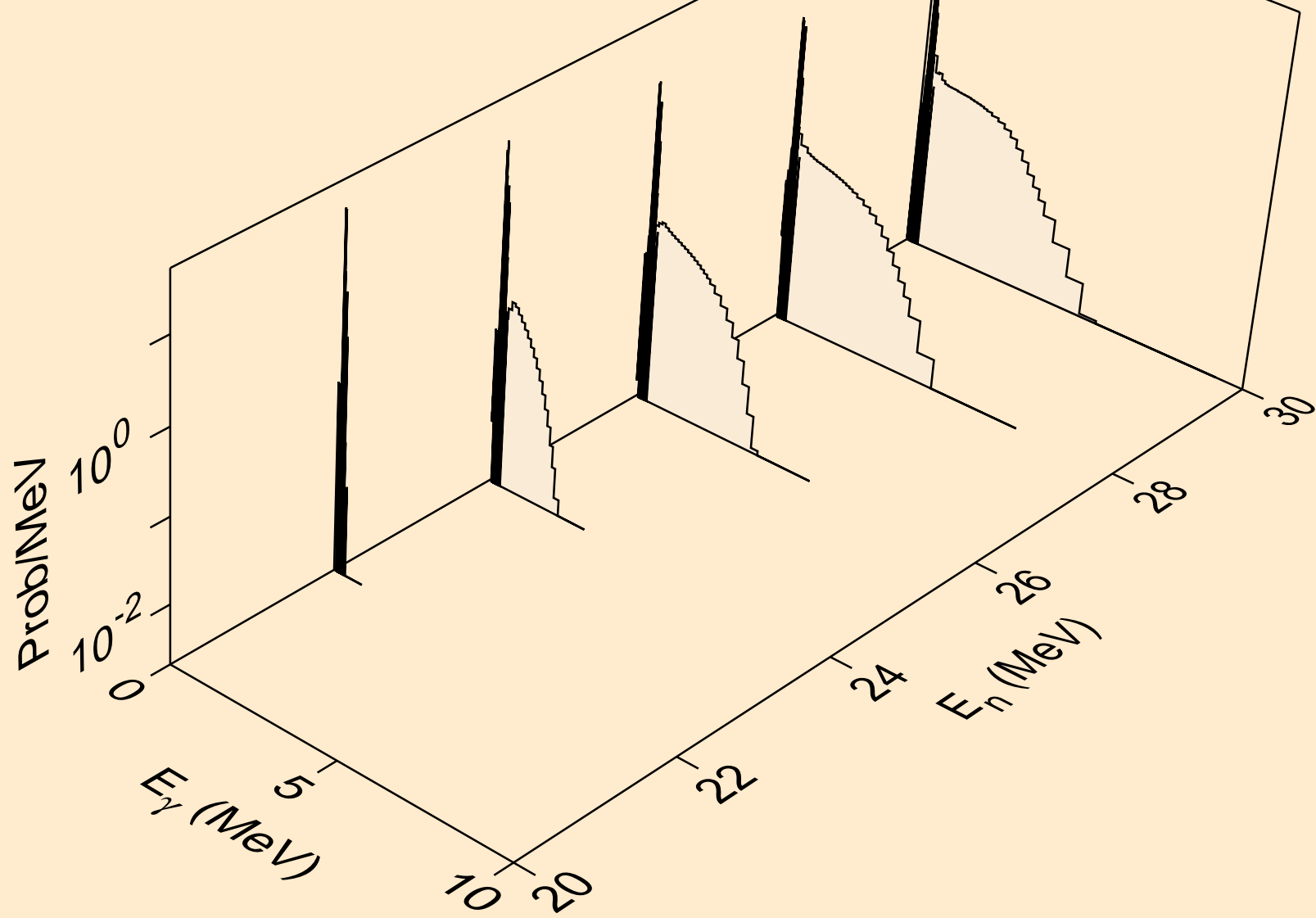


W177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

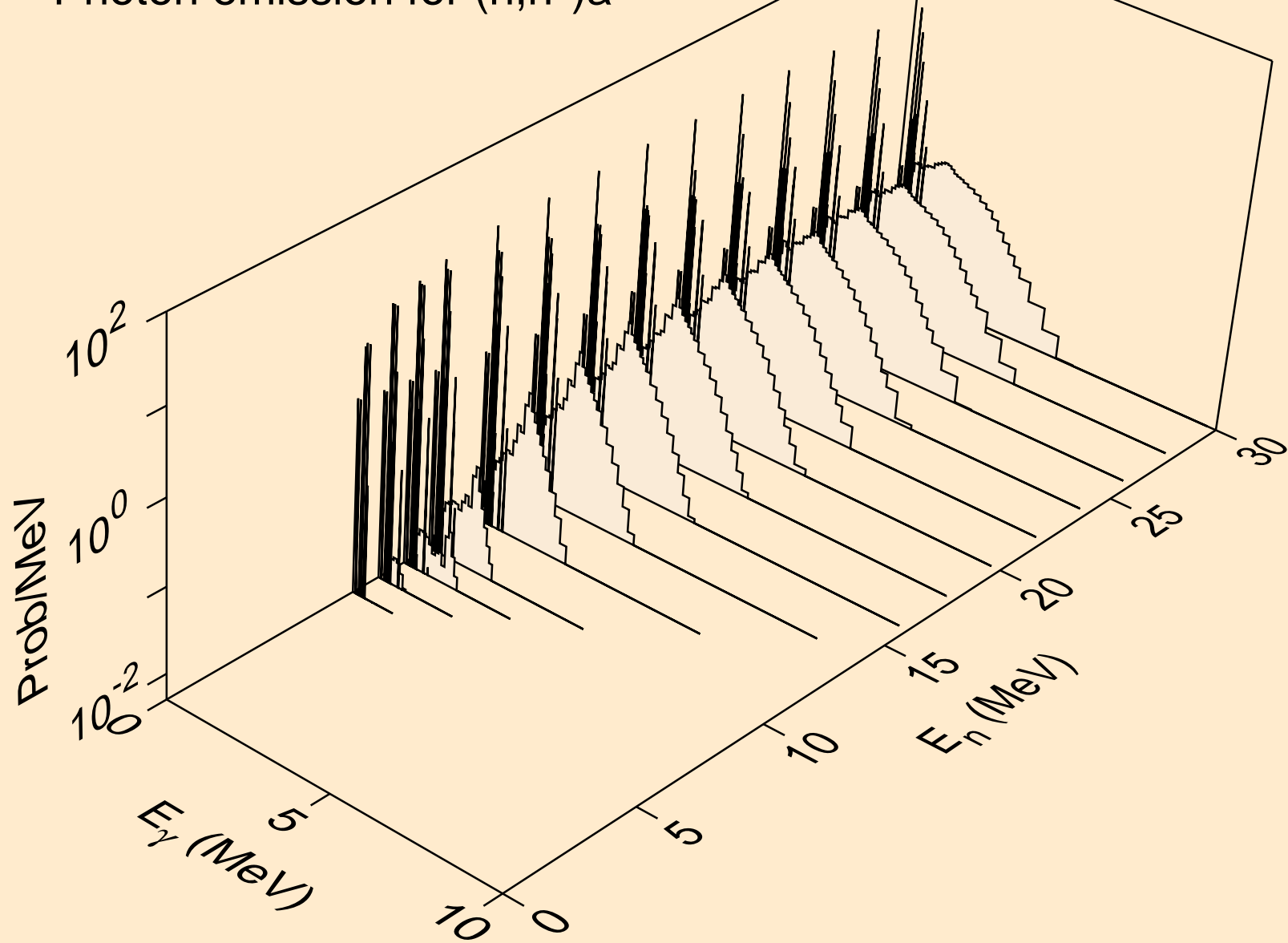




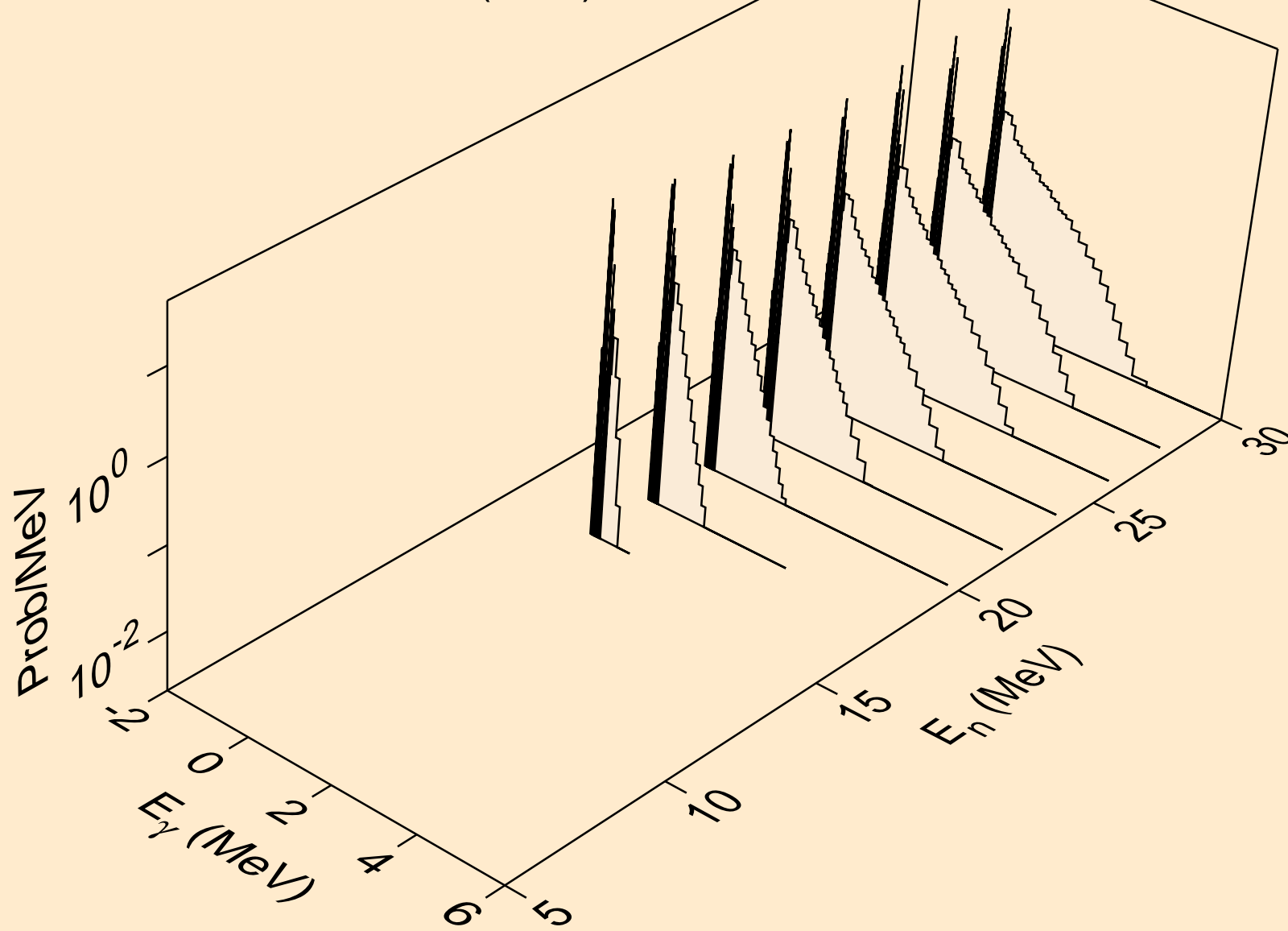
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Photon emission for (n,3n)



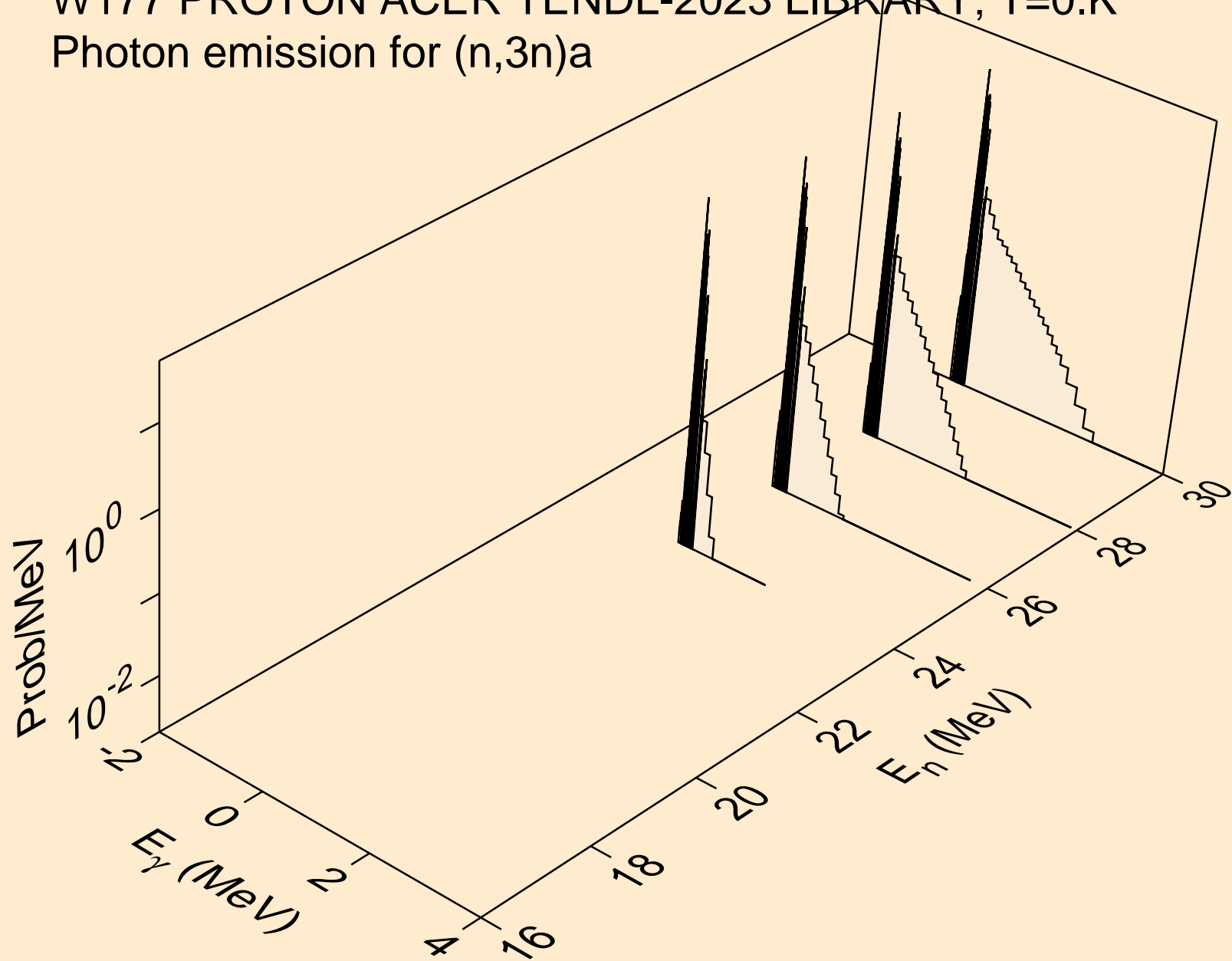
W177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



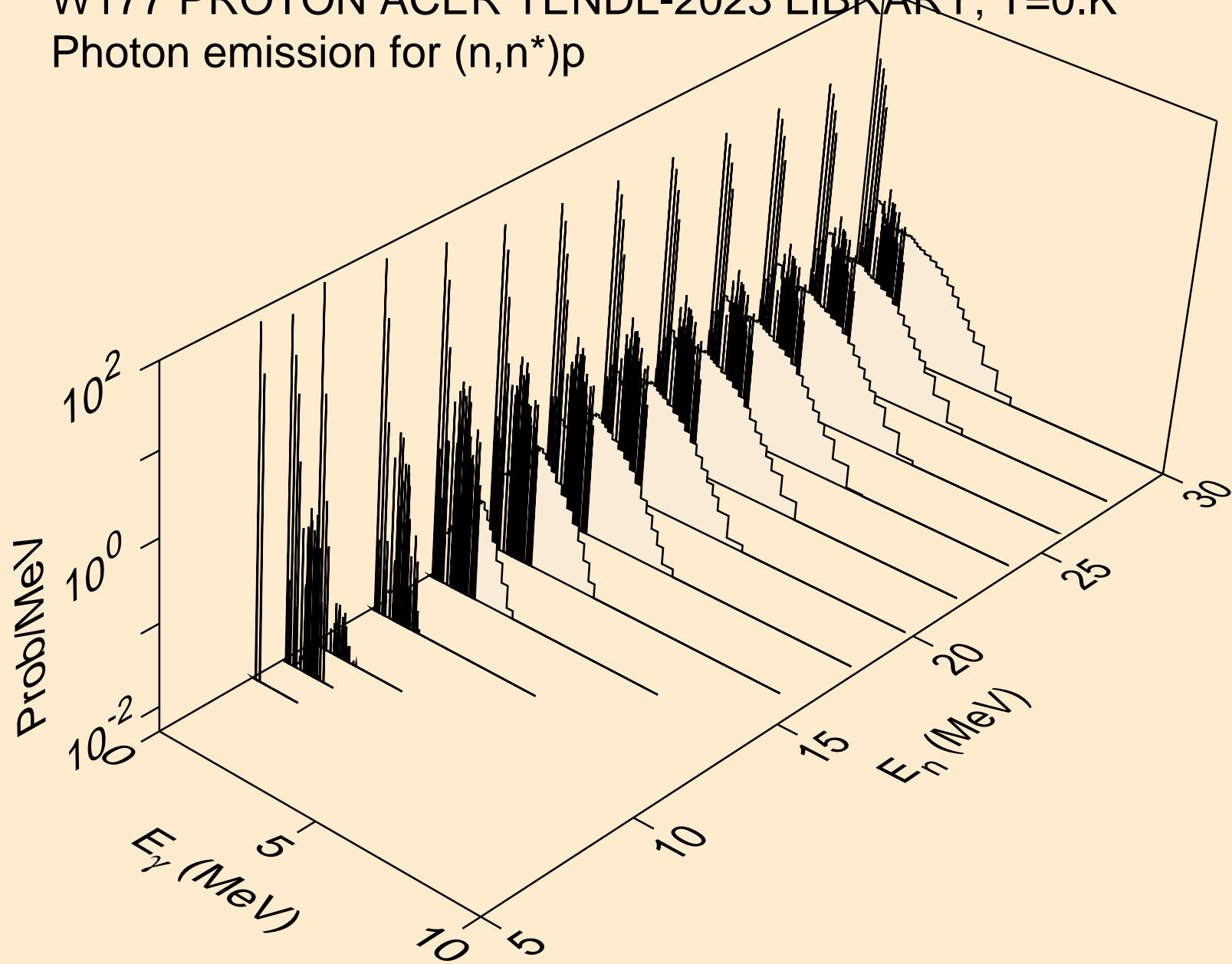
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Photon emission for (n,2n)a



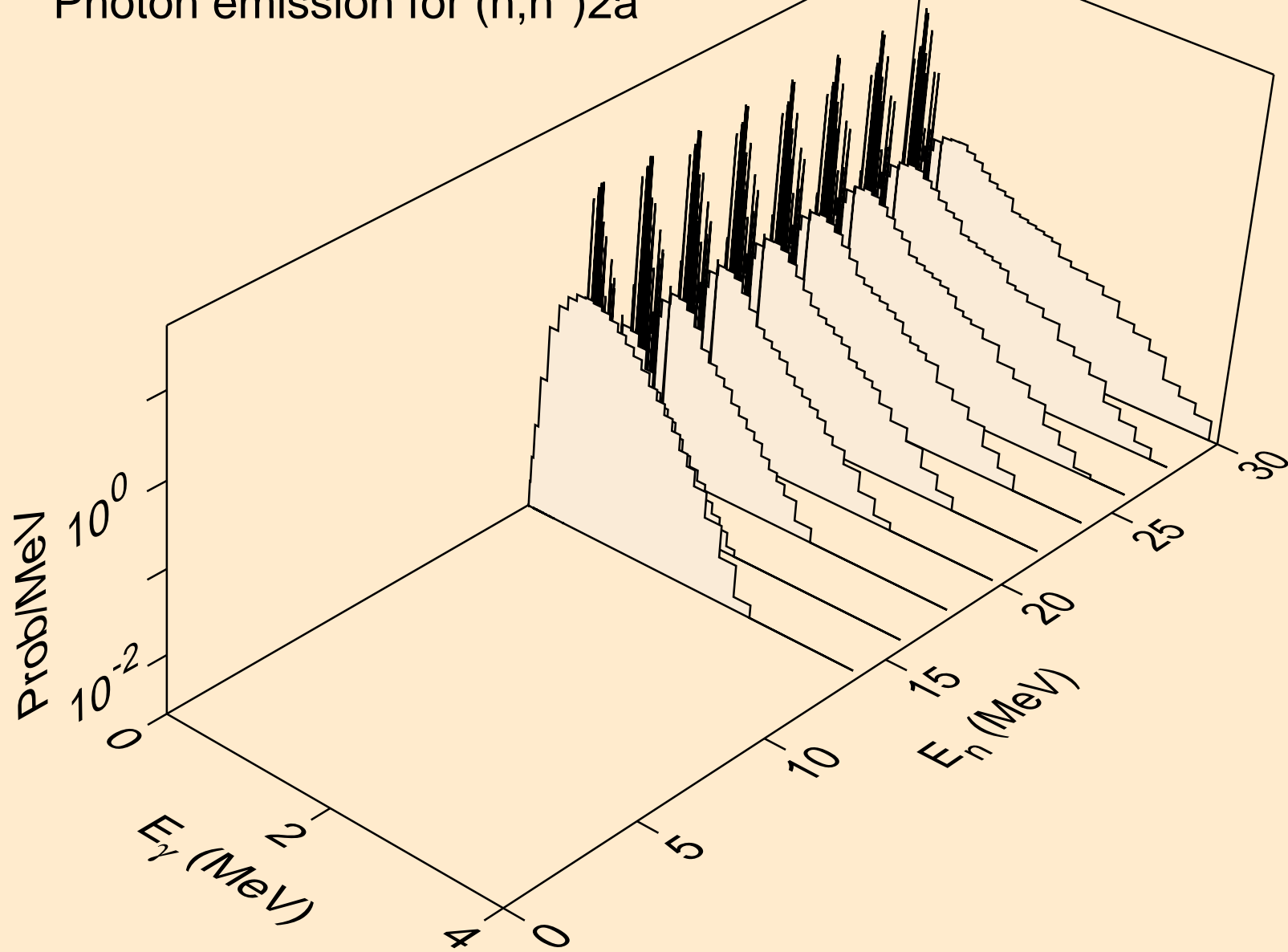
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Photon emission for (n,3n)a



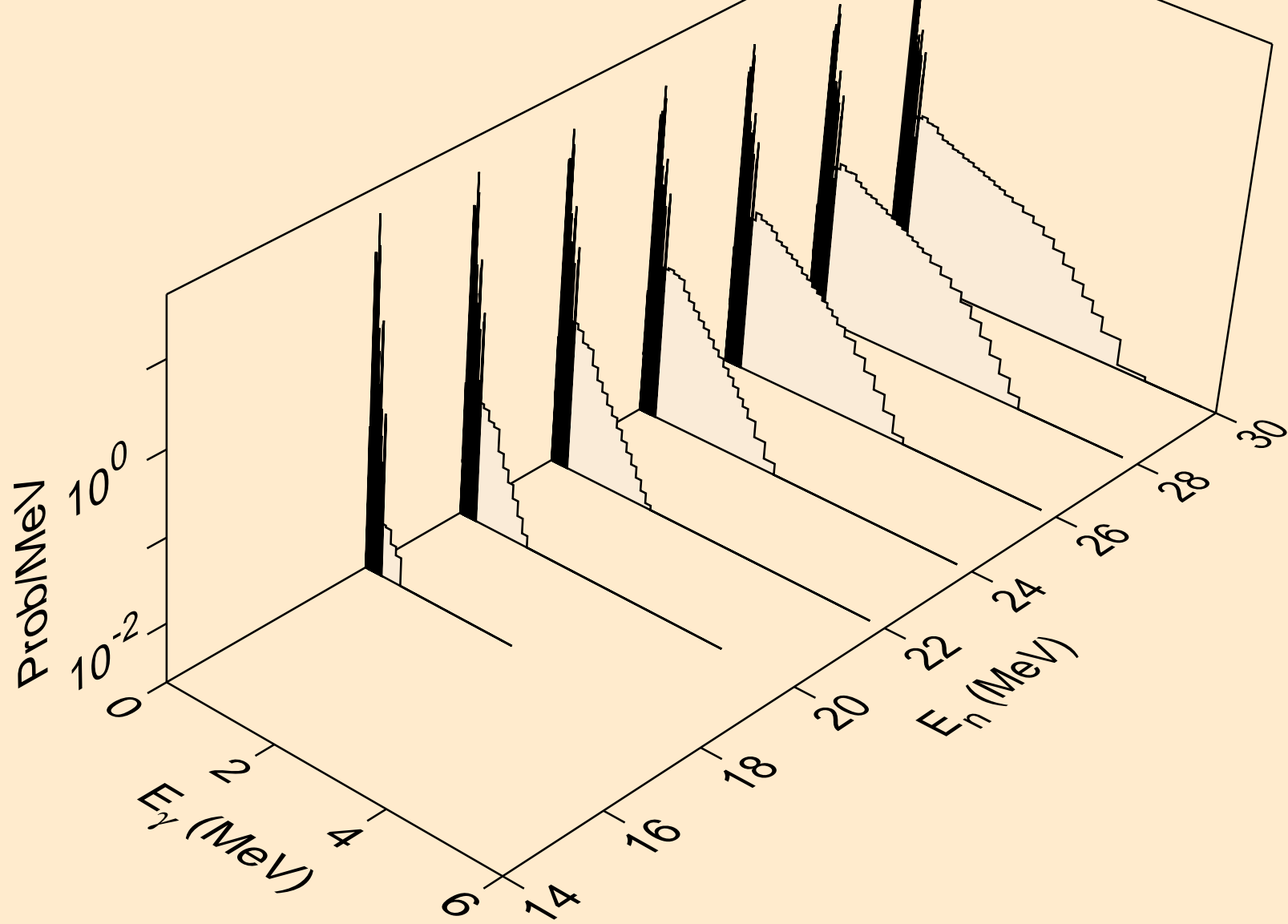
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Photon emission for (n,n\*)p



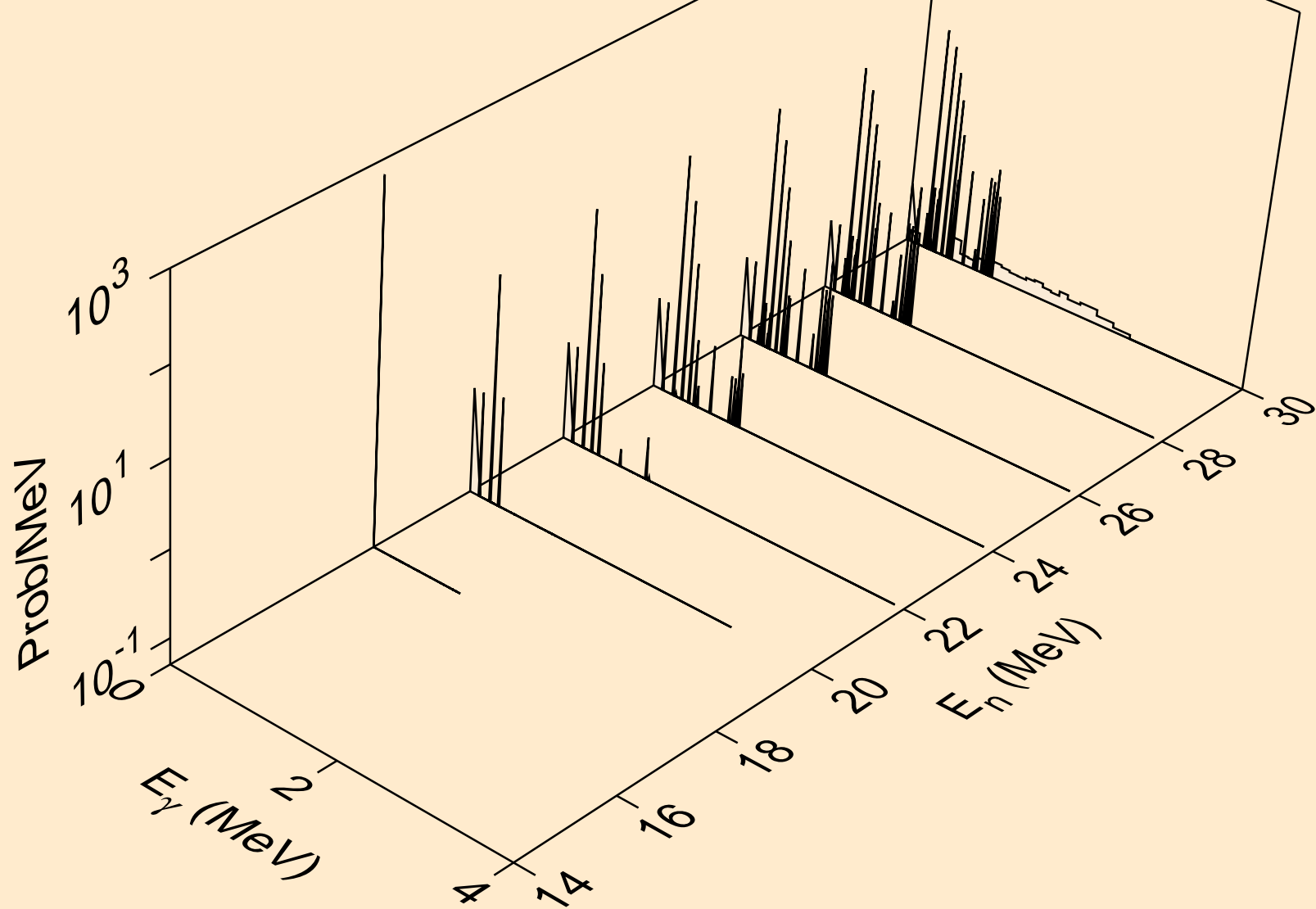
W177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



W177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

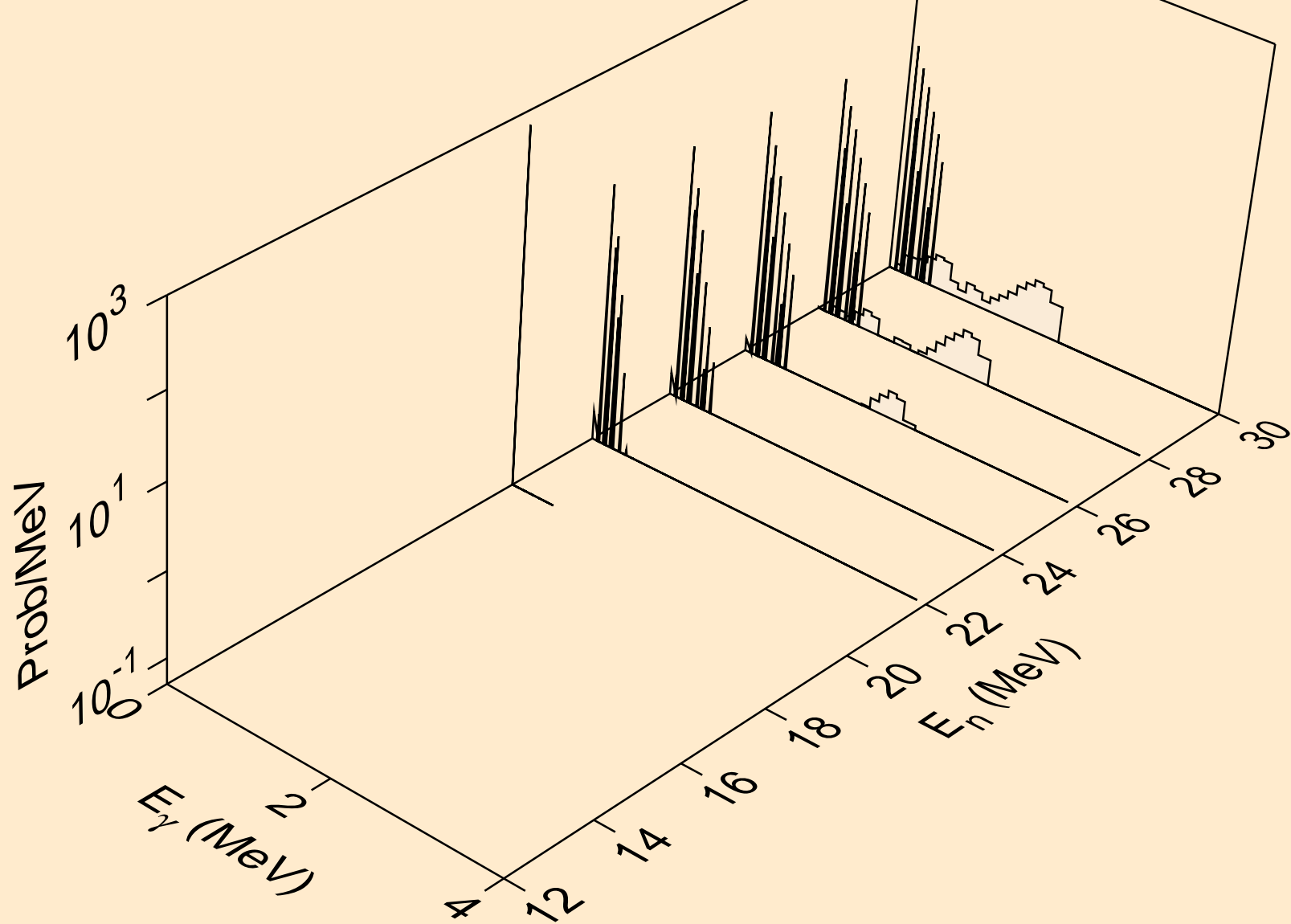


W177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

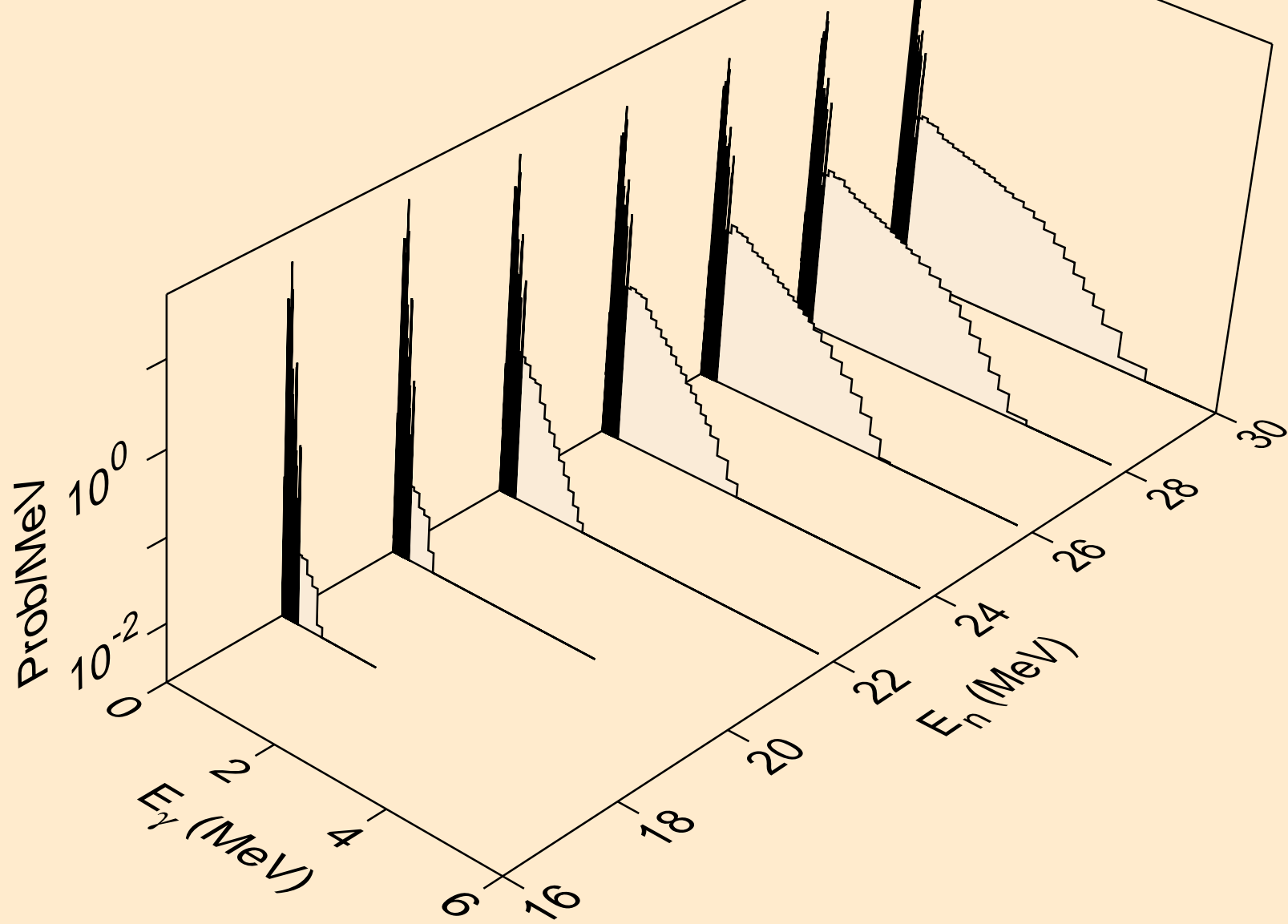




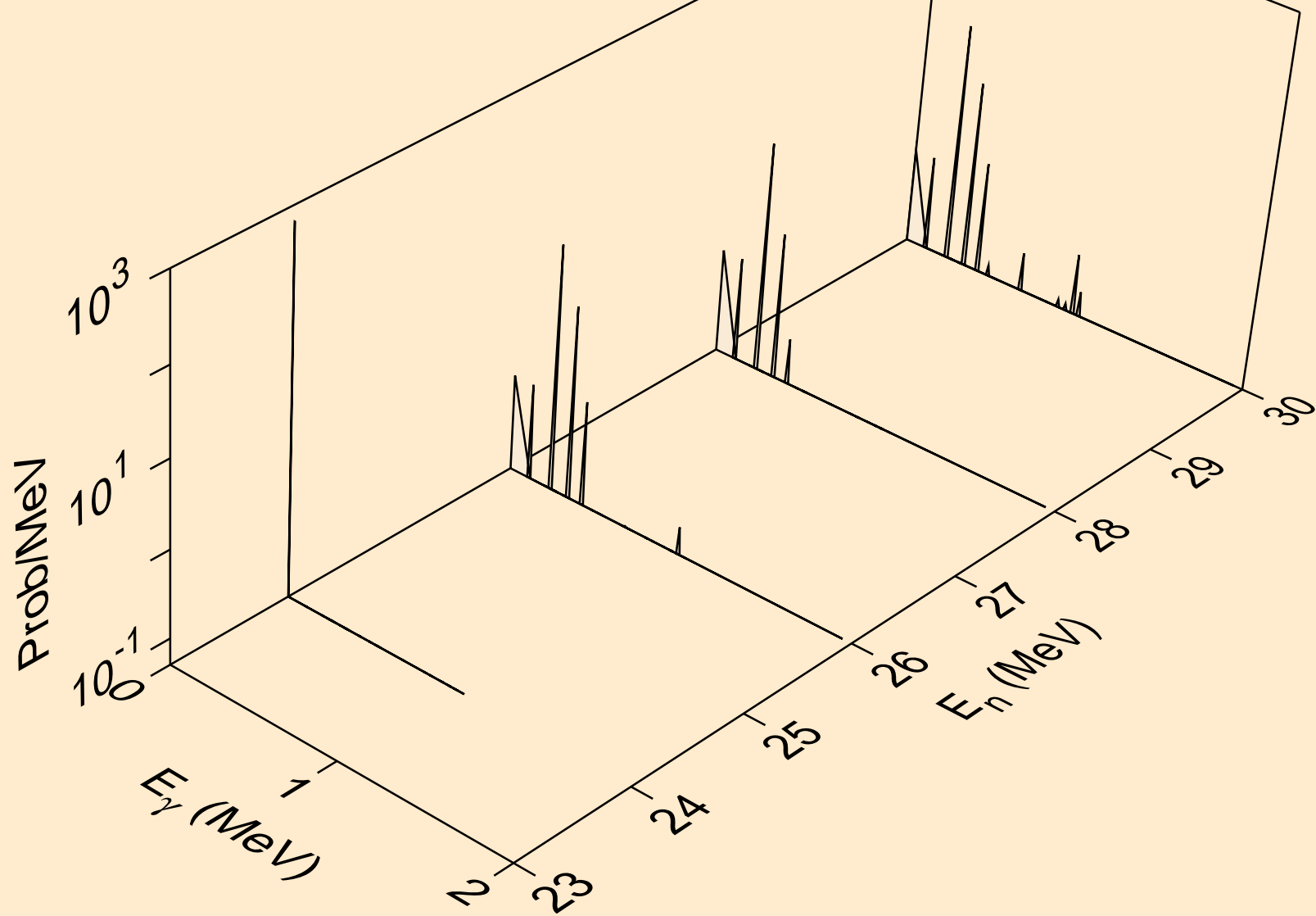
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Photon emission for (n,n\*)he3



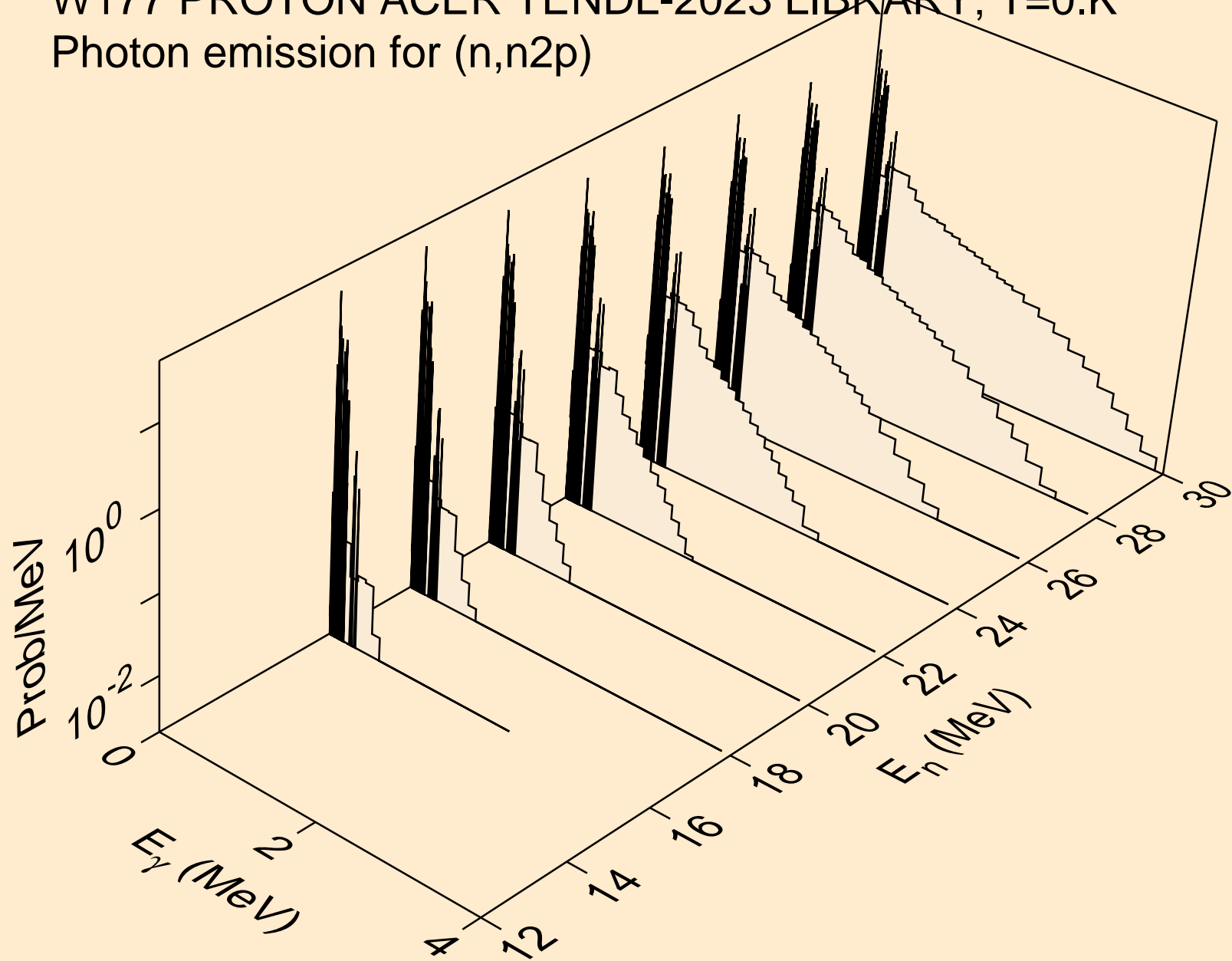
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Photon emission for (n,2np)



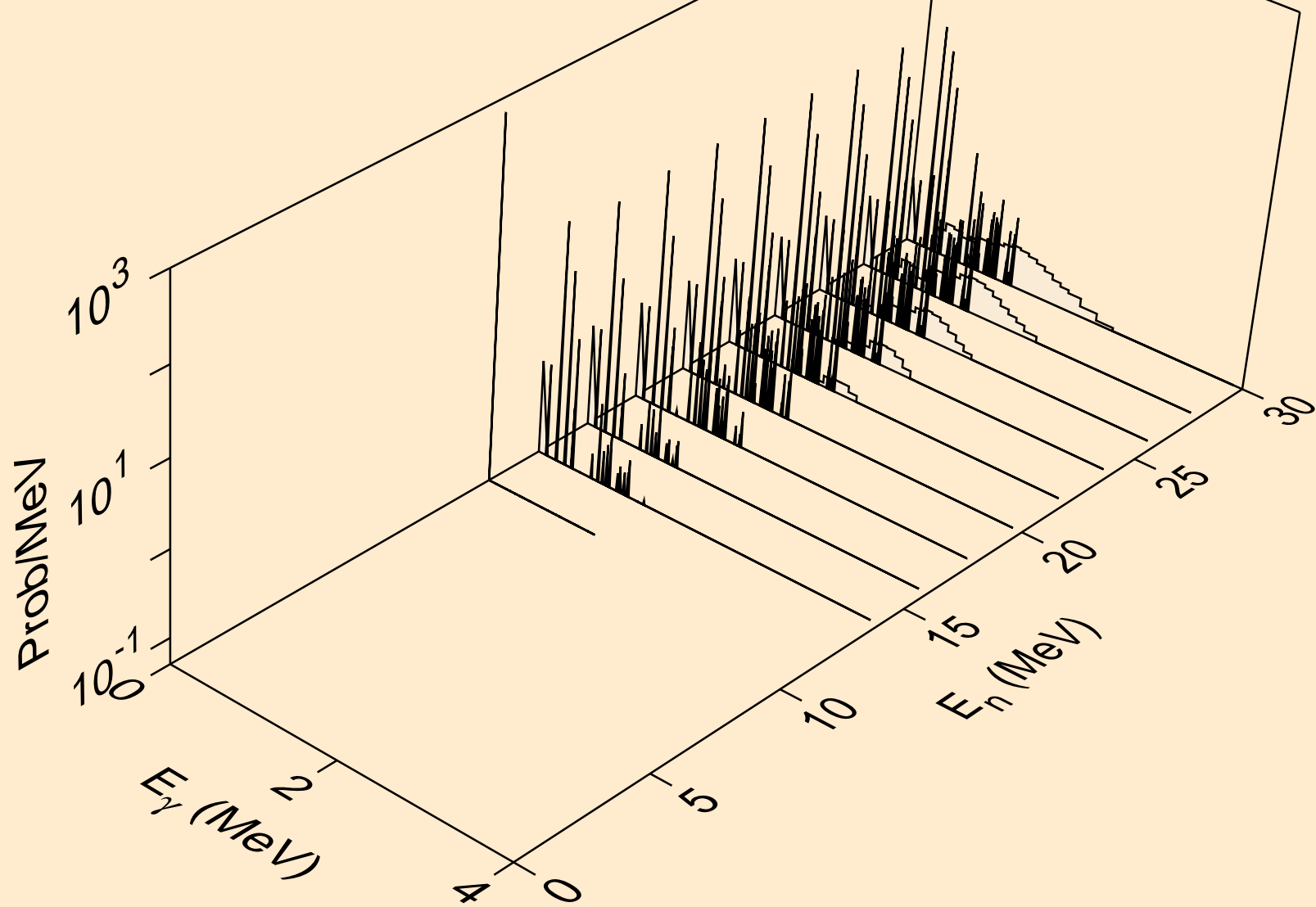
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Photon emission for (n,3np)



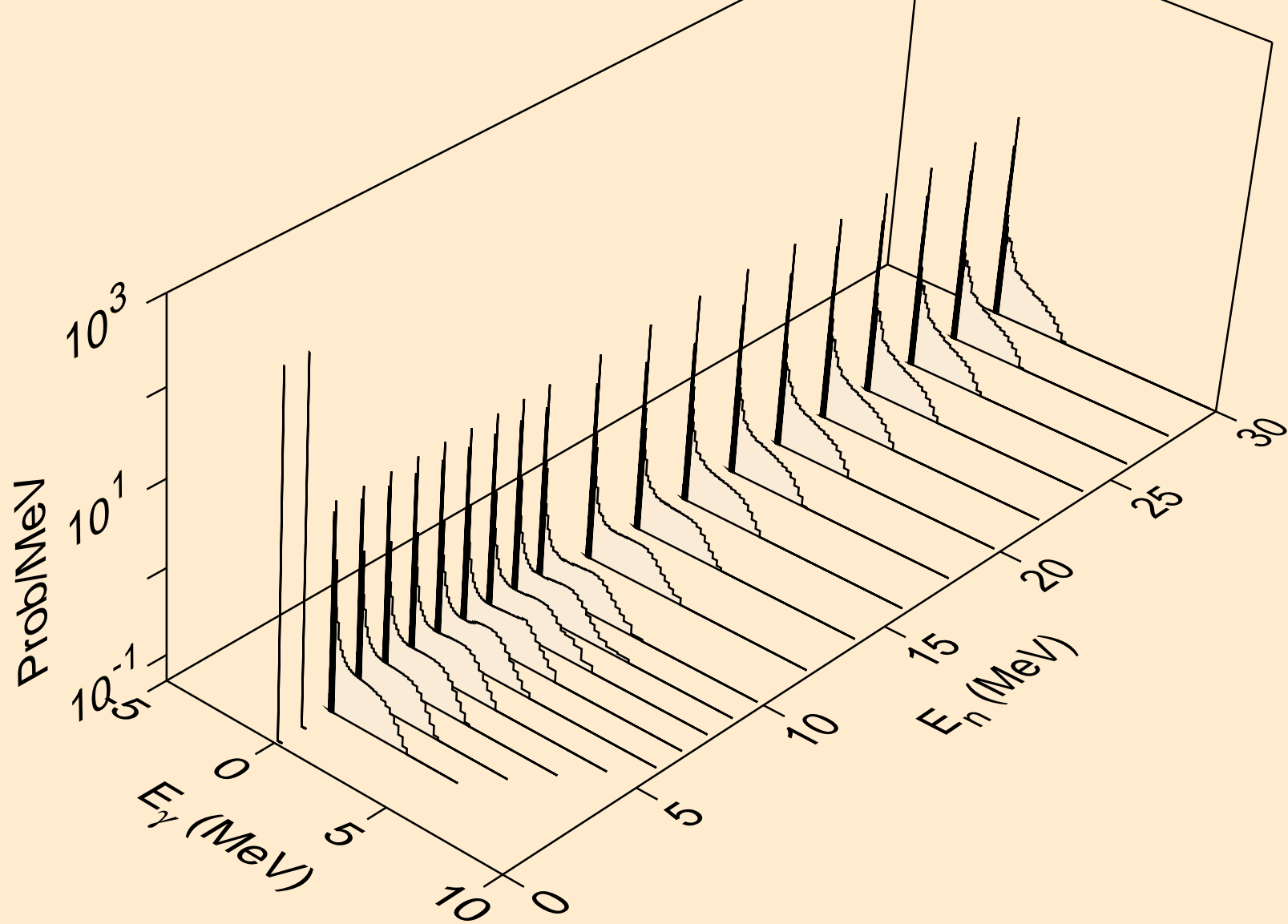
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Photon emission for (n,n2p)



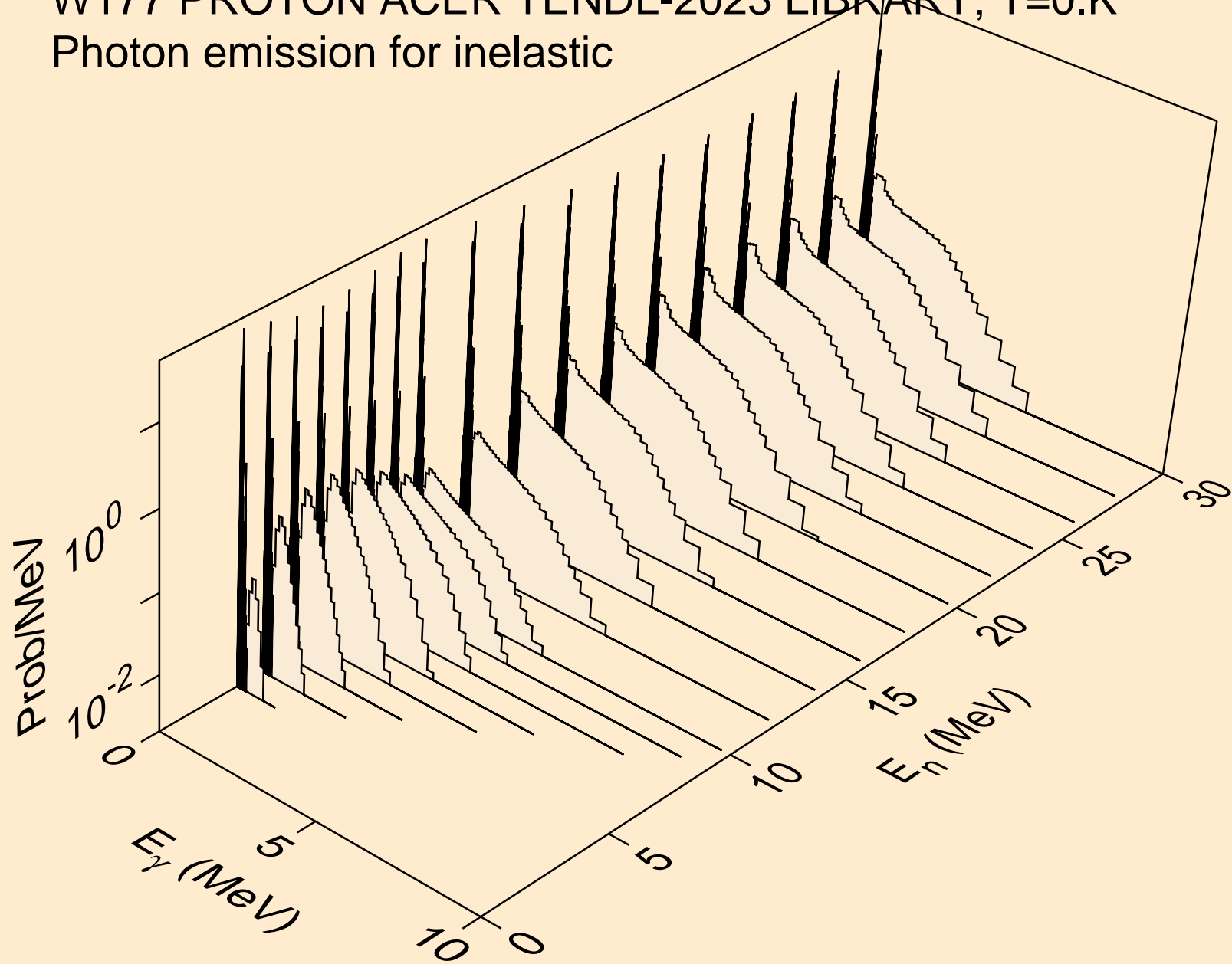
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Photon emission for (n,npa)



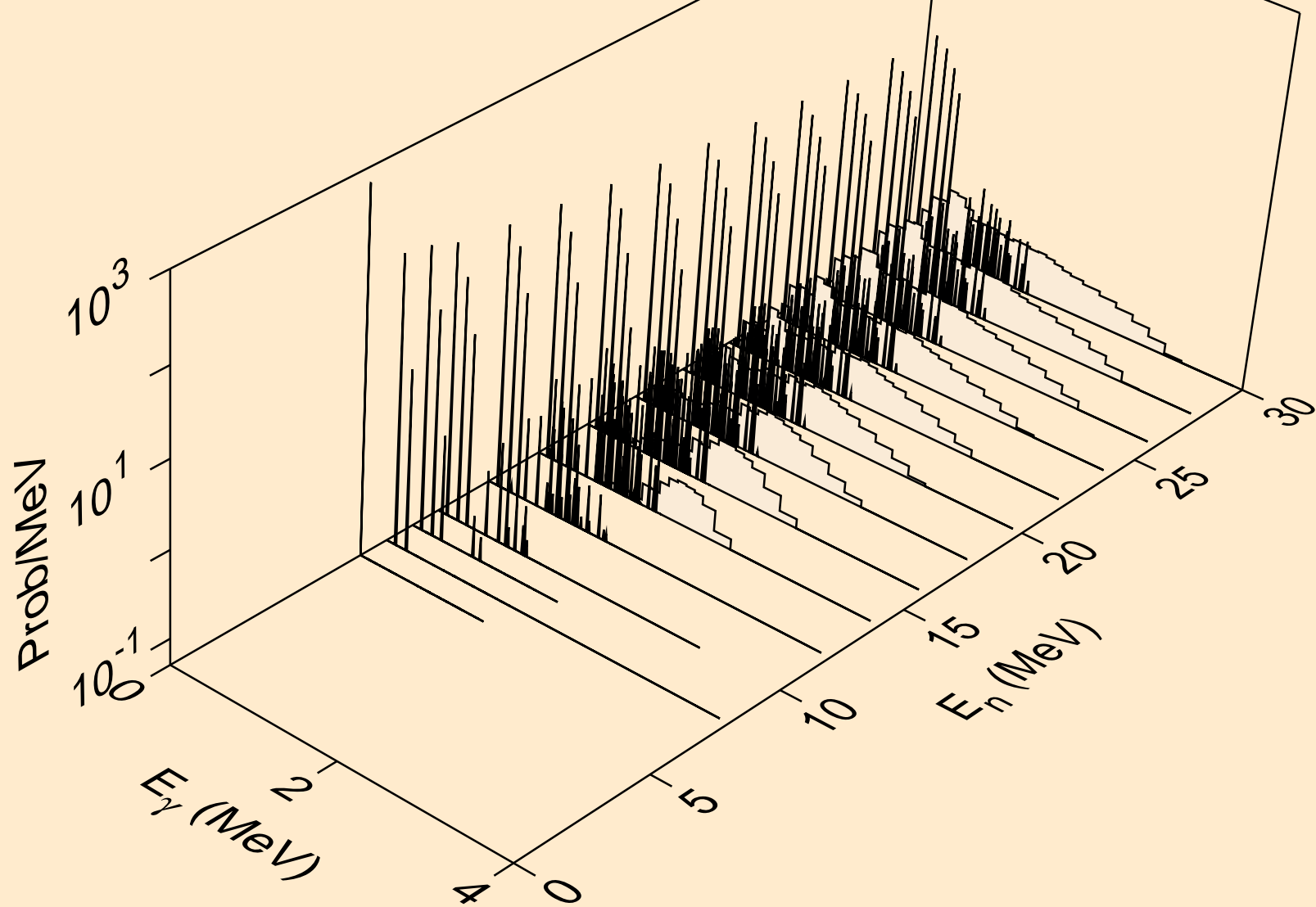
W177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



W177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

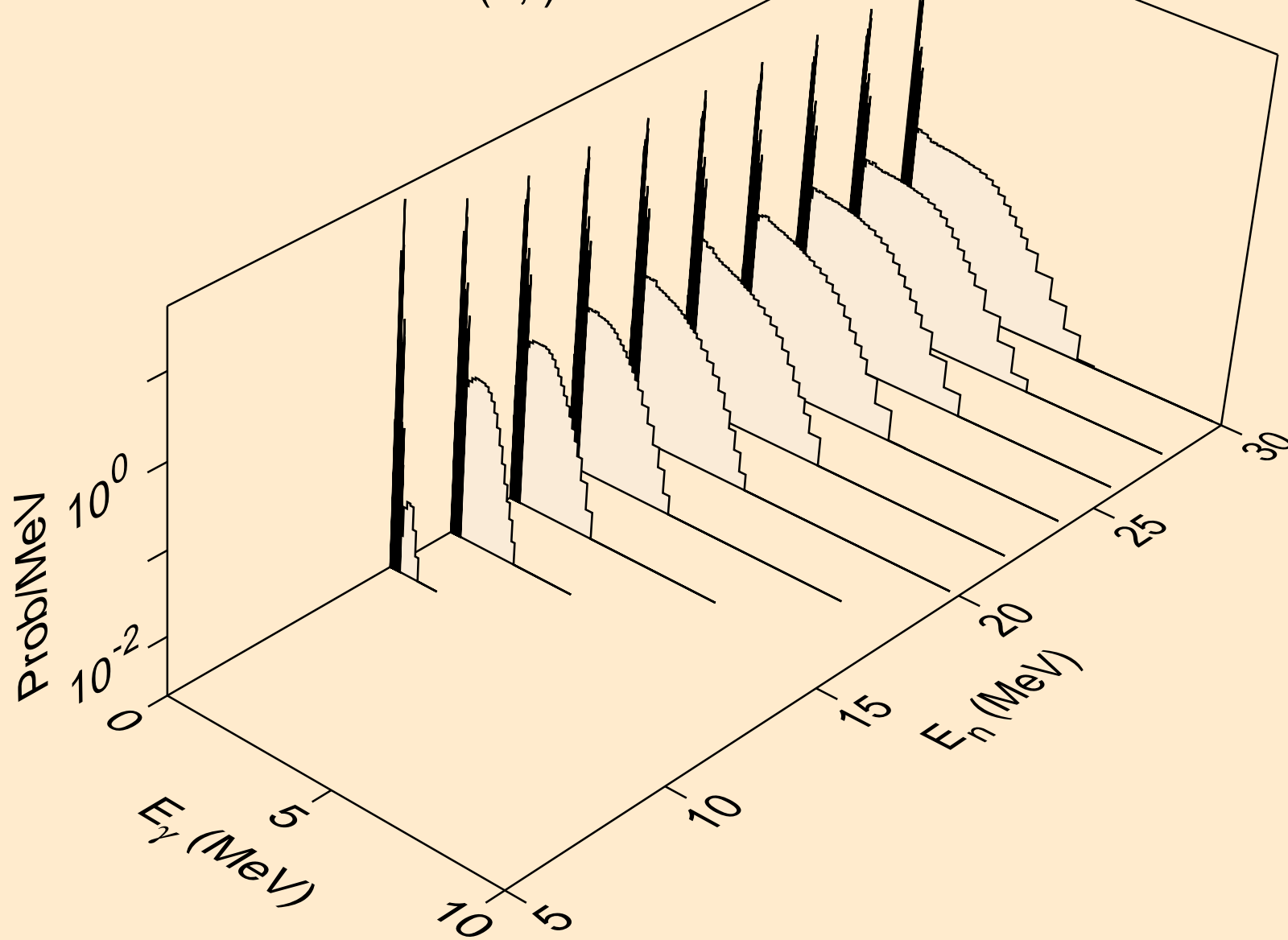


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Photon emission for (n,d)

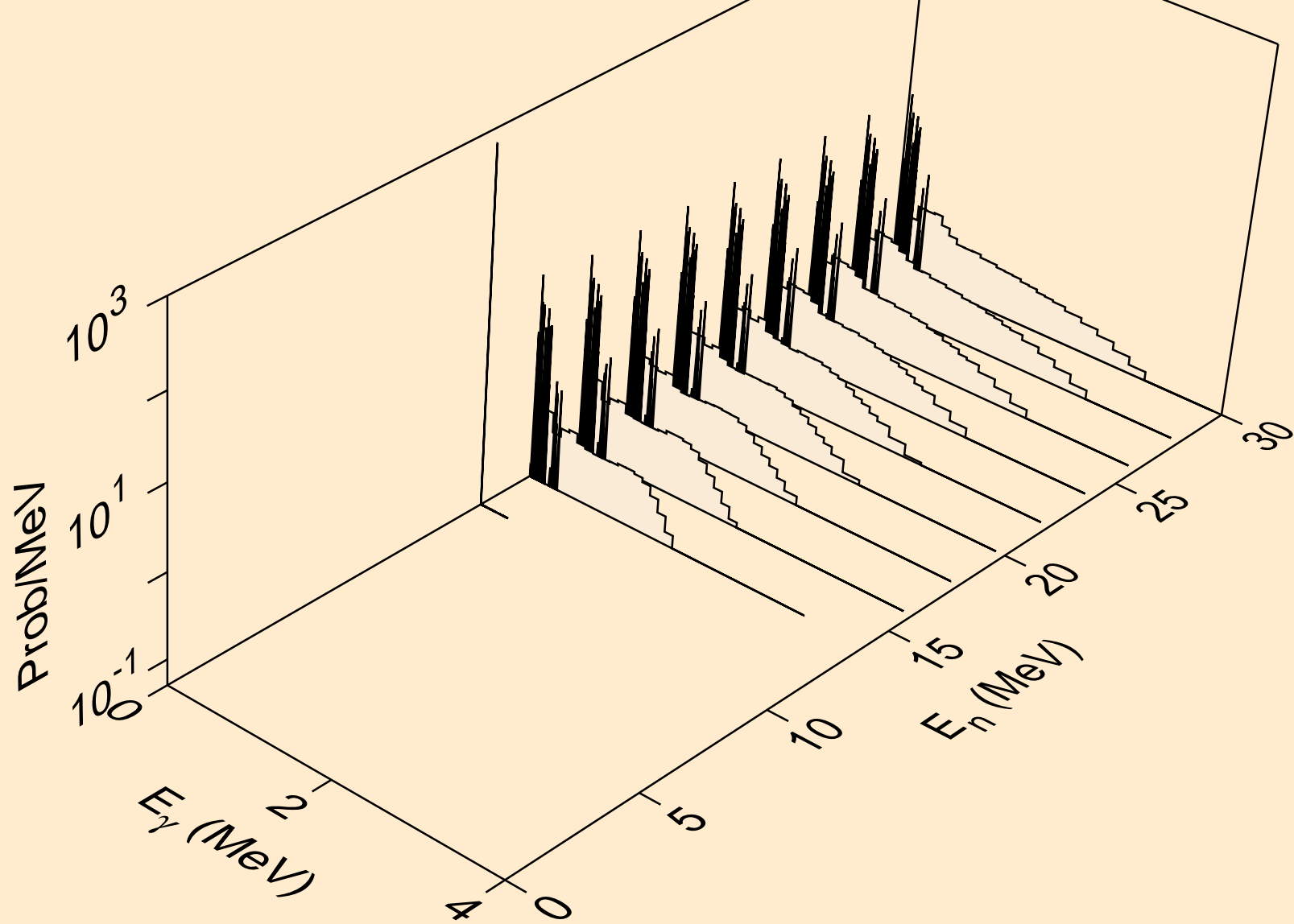




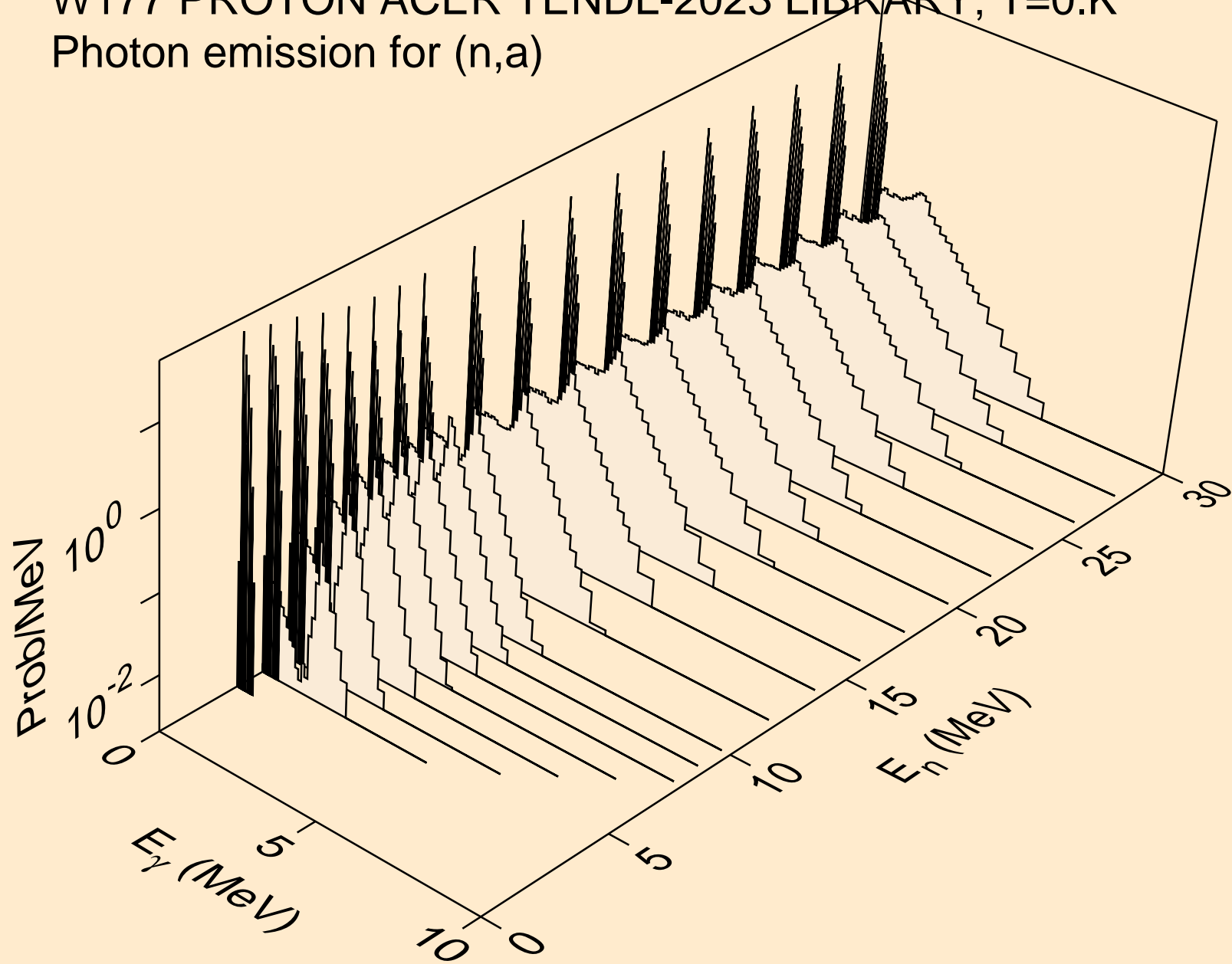
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Photon emission for (n,t)



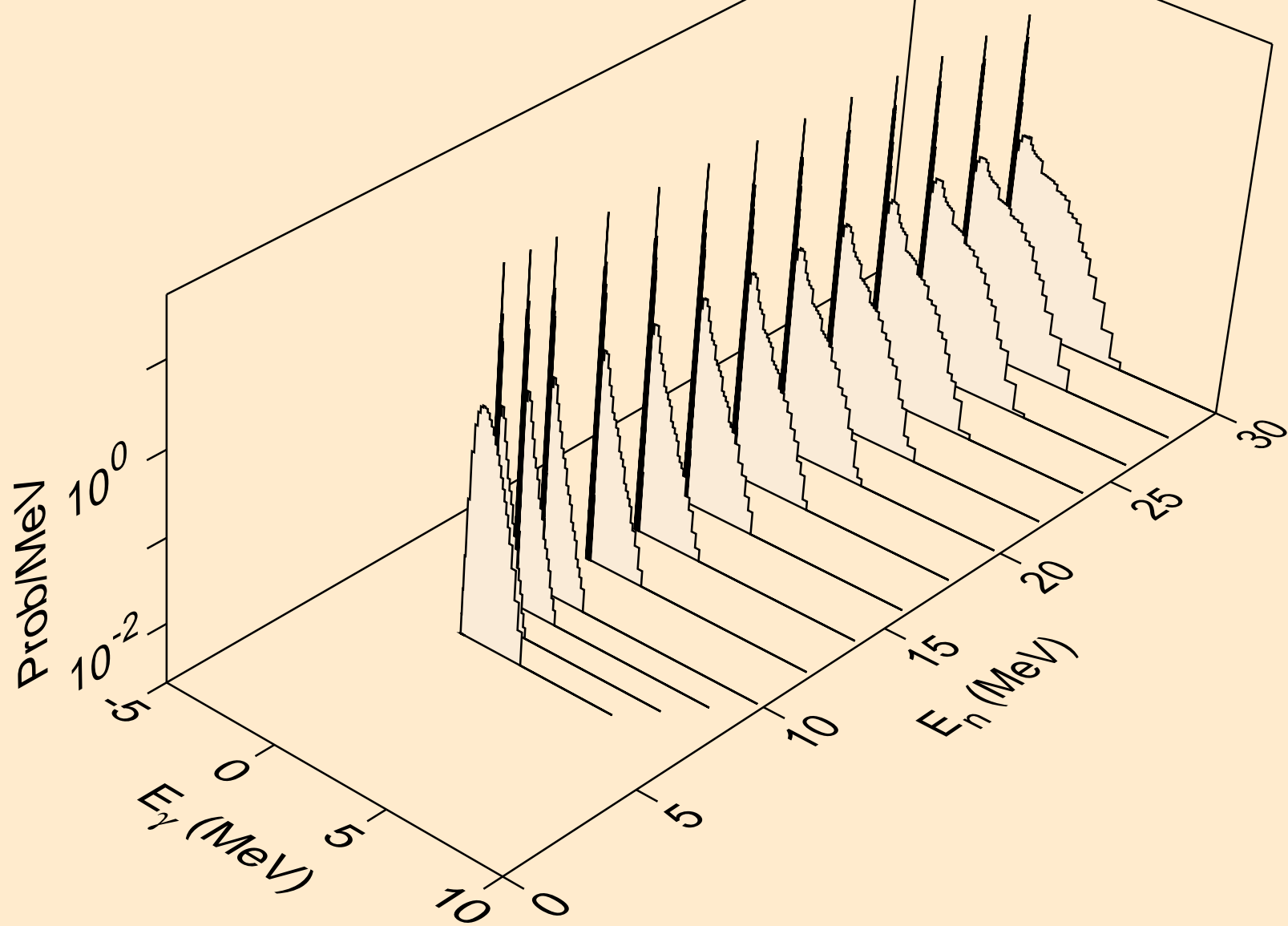
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Photon emission for (n,he3)



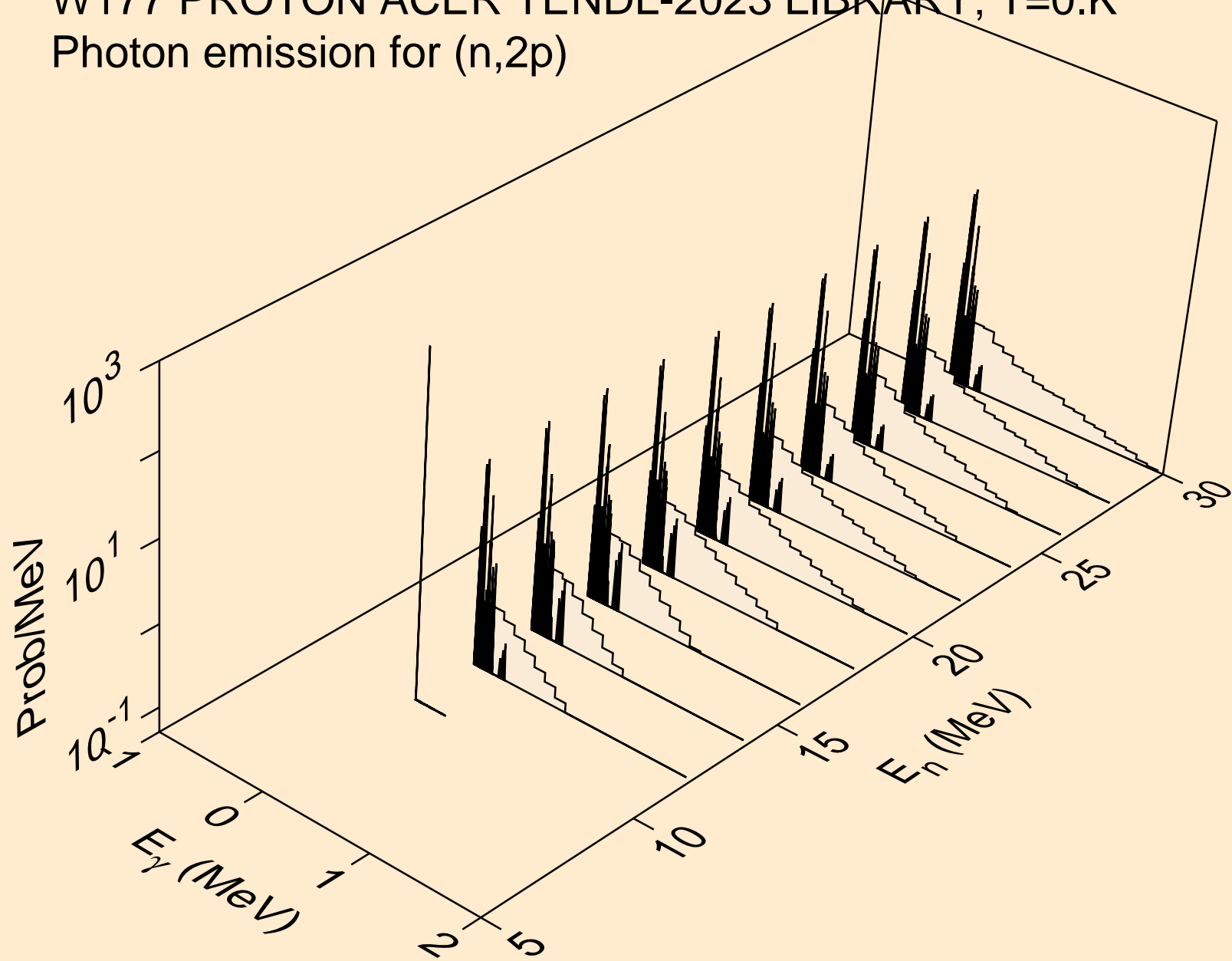
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Photon emission for (n,a)



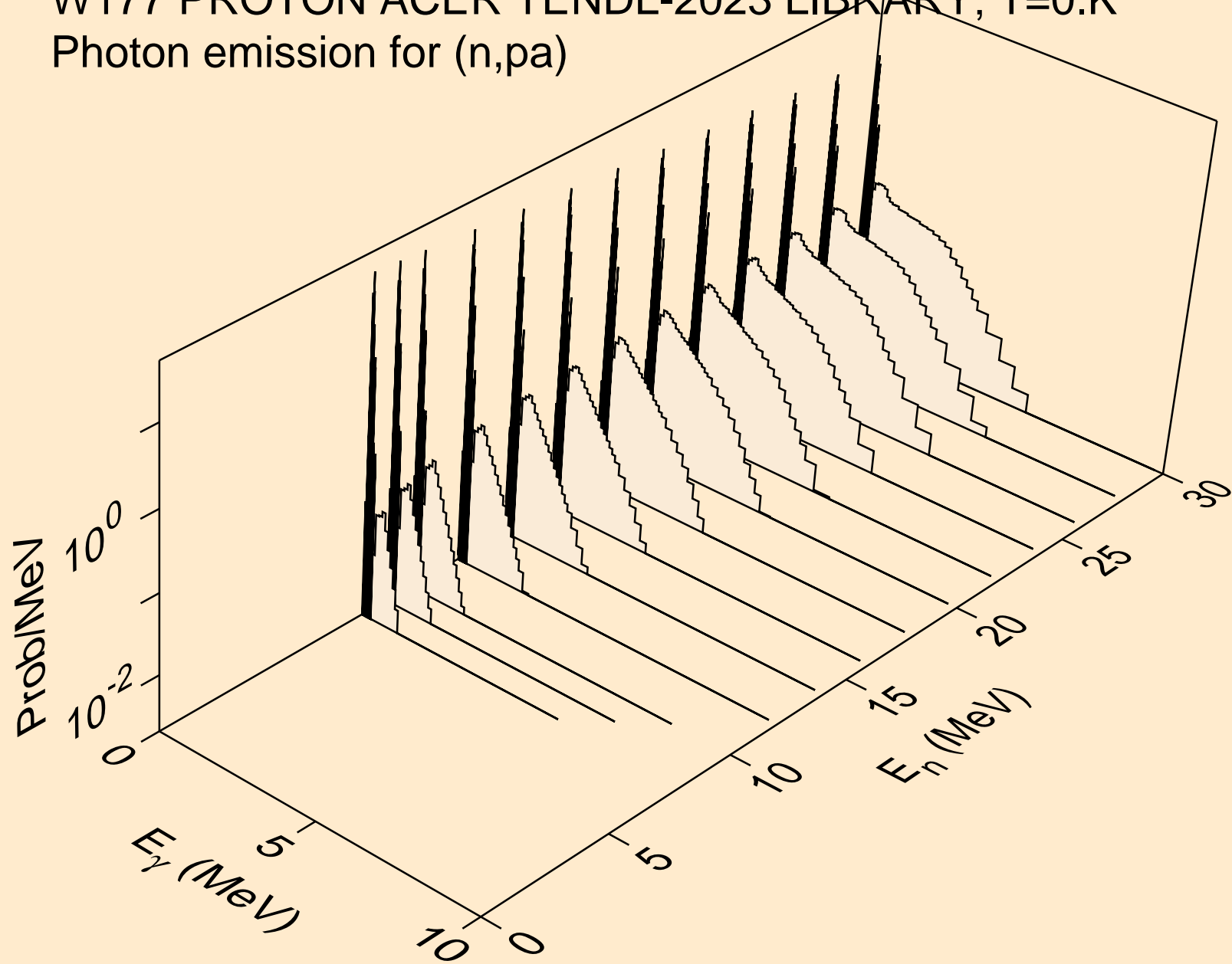
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Photon emission for (n,2a)



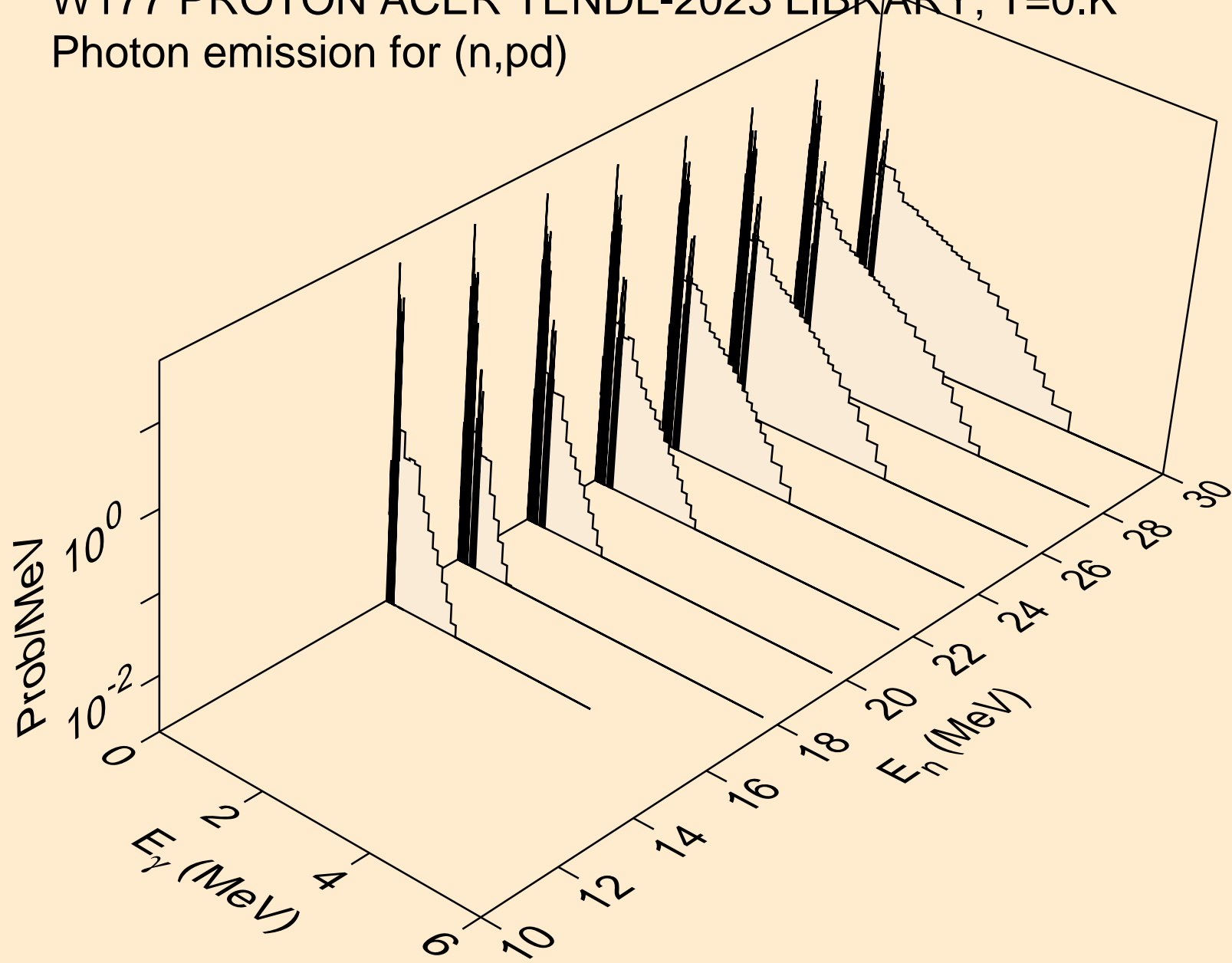
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Photon emission for (n,2p)



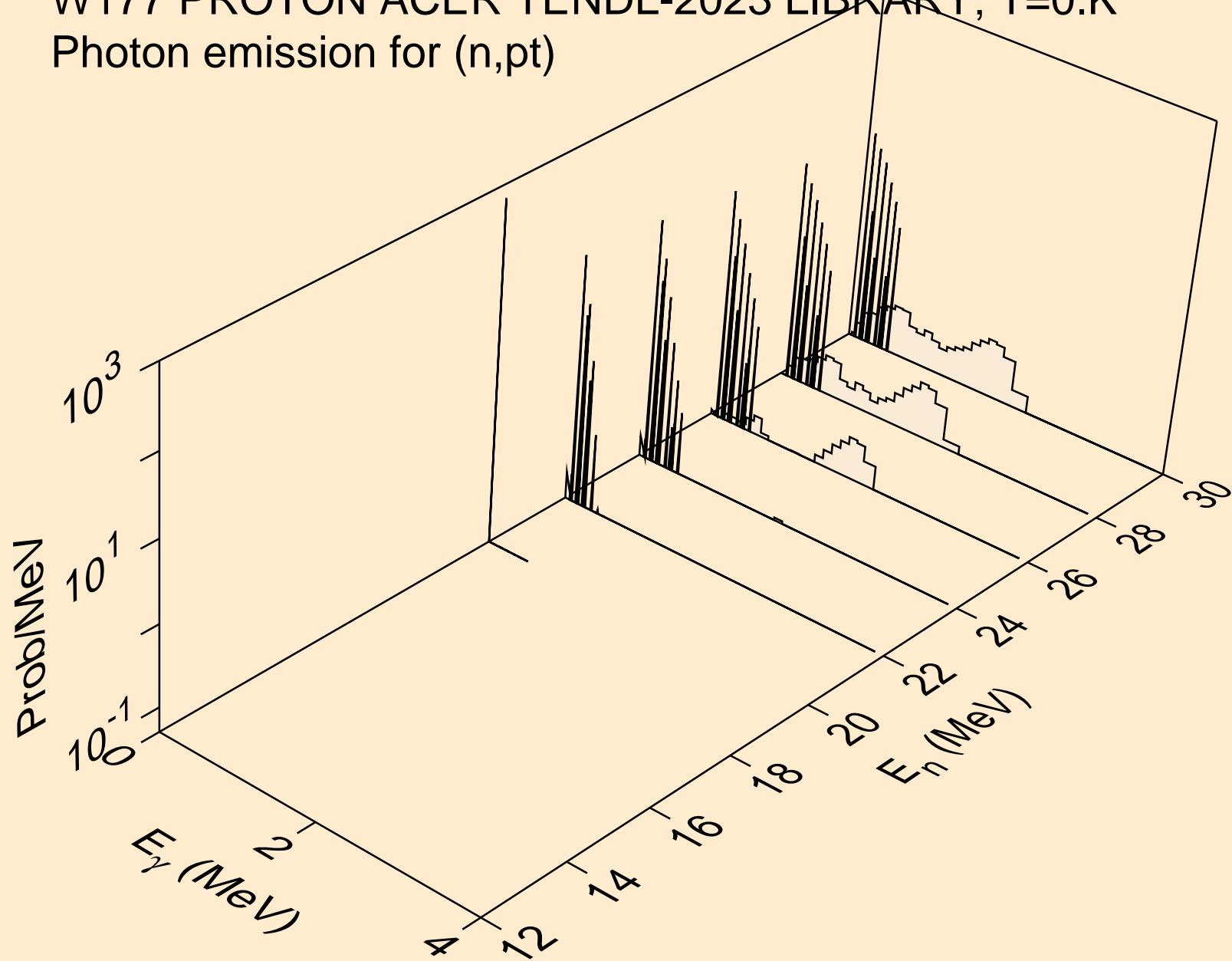
W177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



W177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)

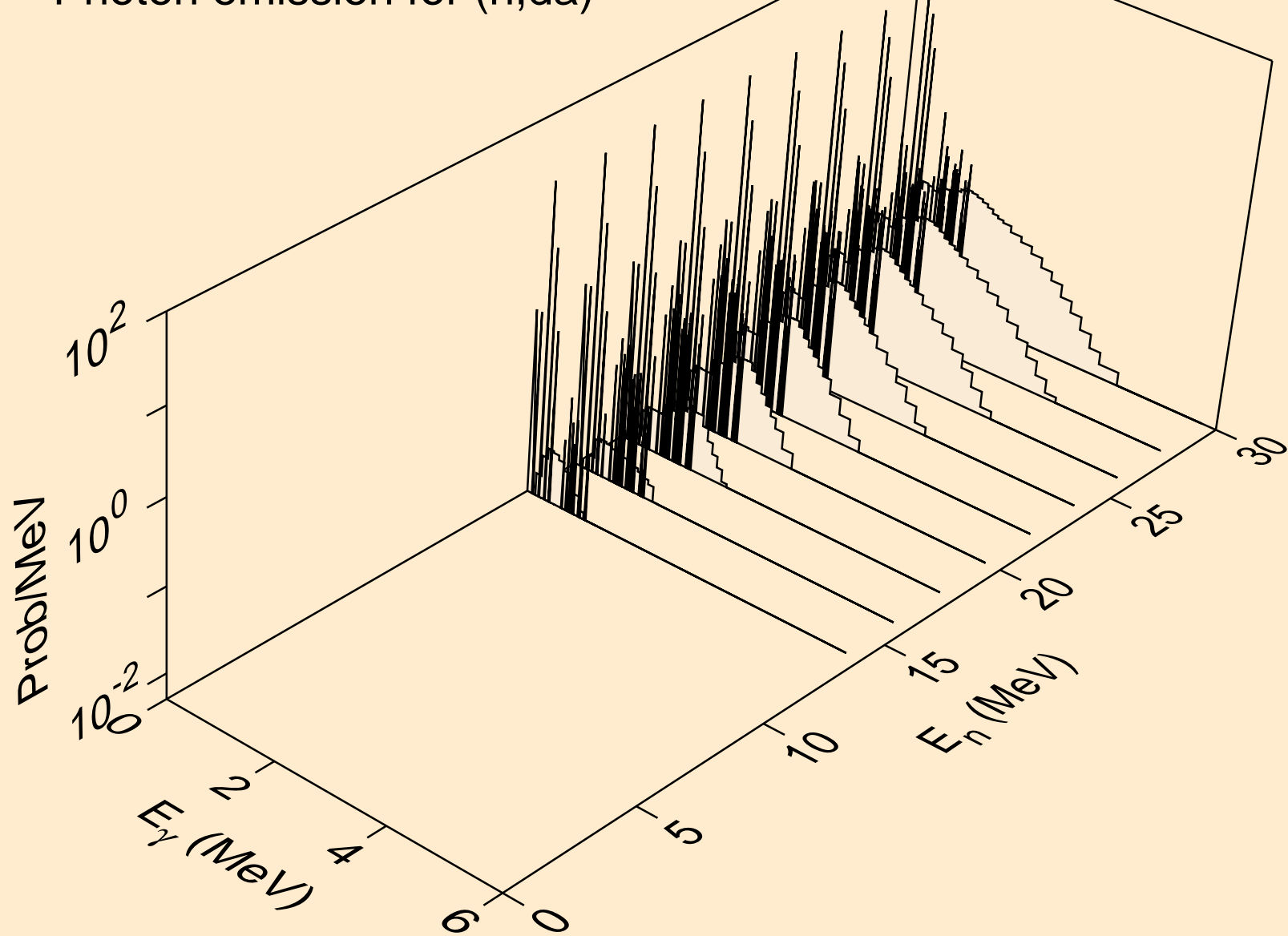


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Photon emission for (n,pt)



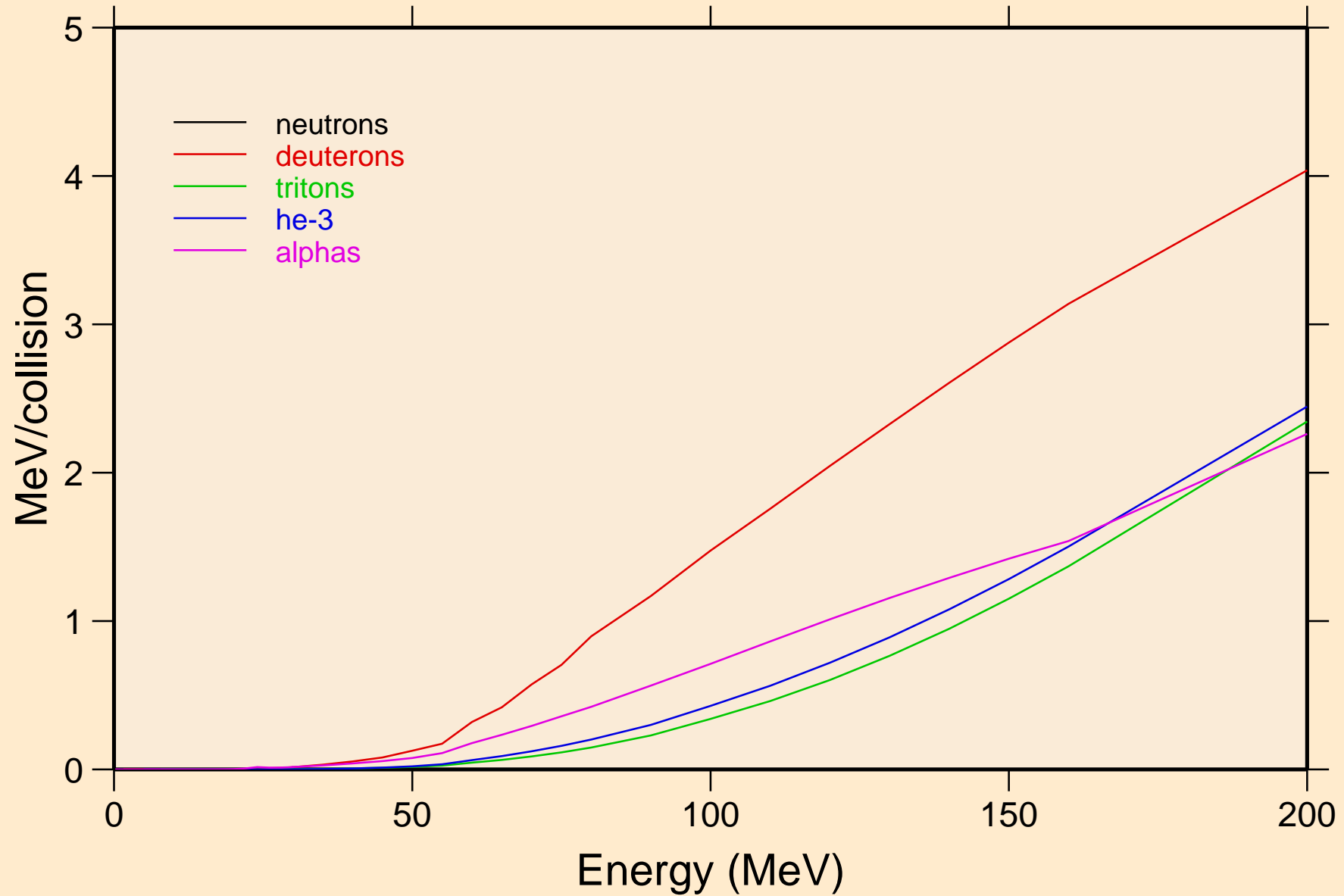


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Photon emission for (n,da)

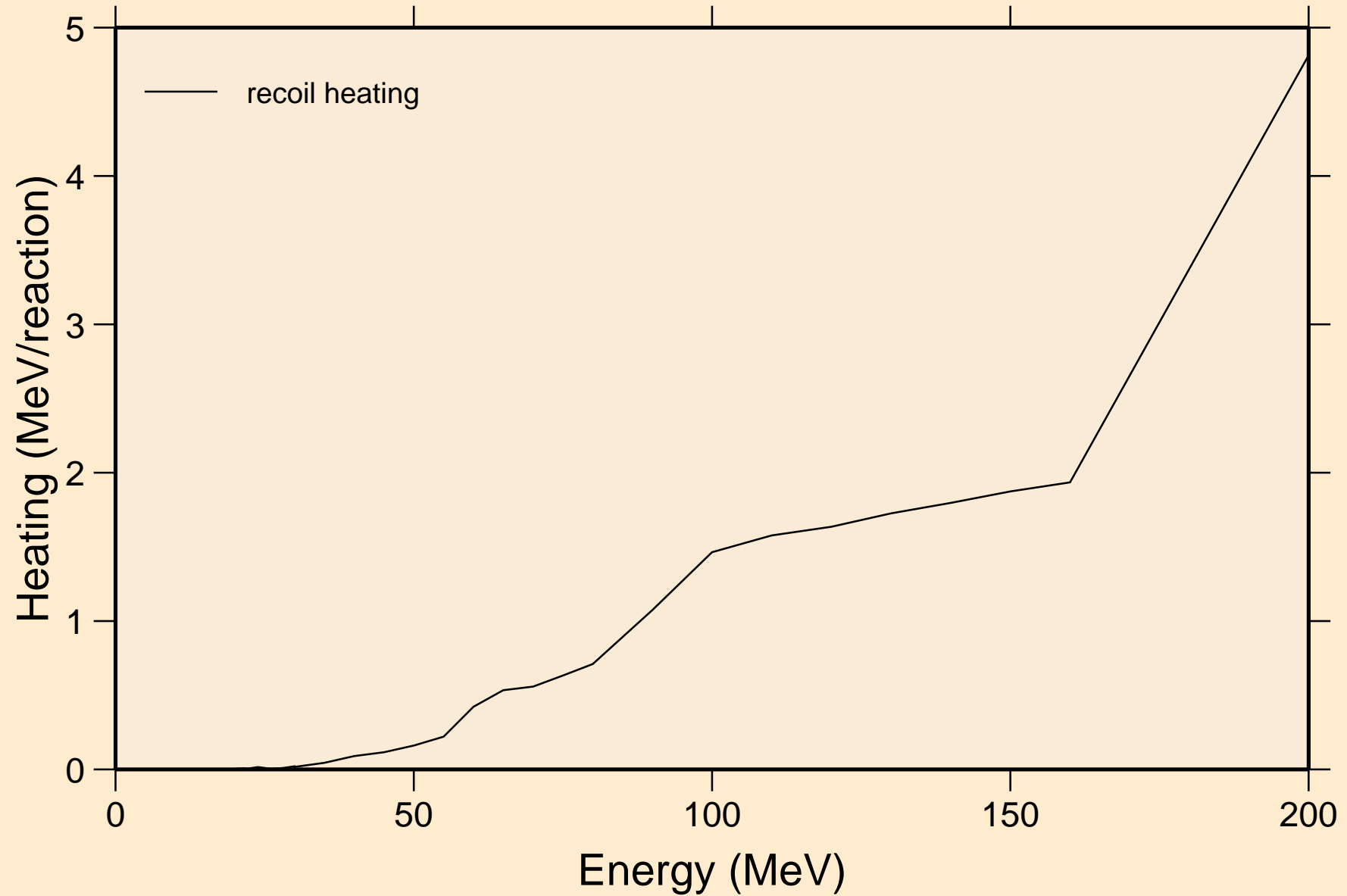


# W177 PROTON ACER TENDL-2023 LIBRARY; T=0.K

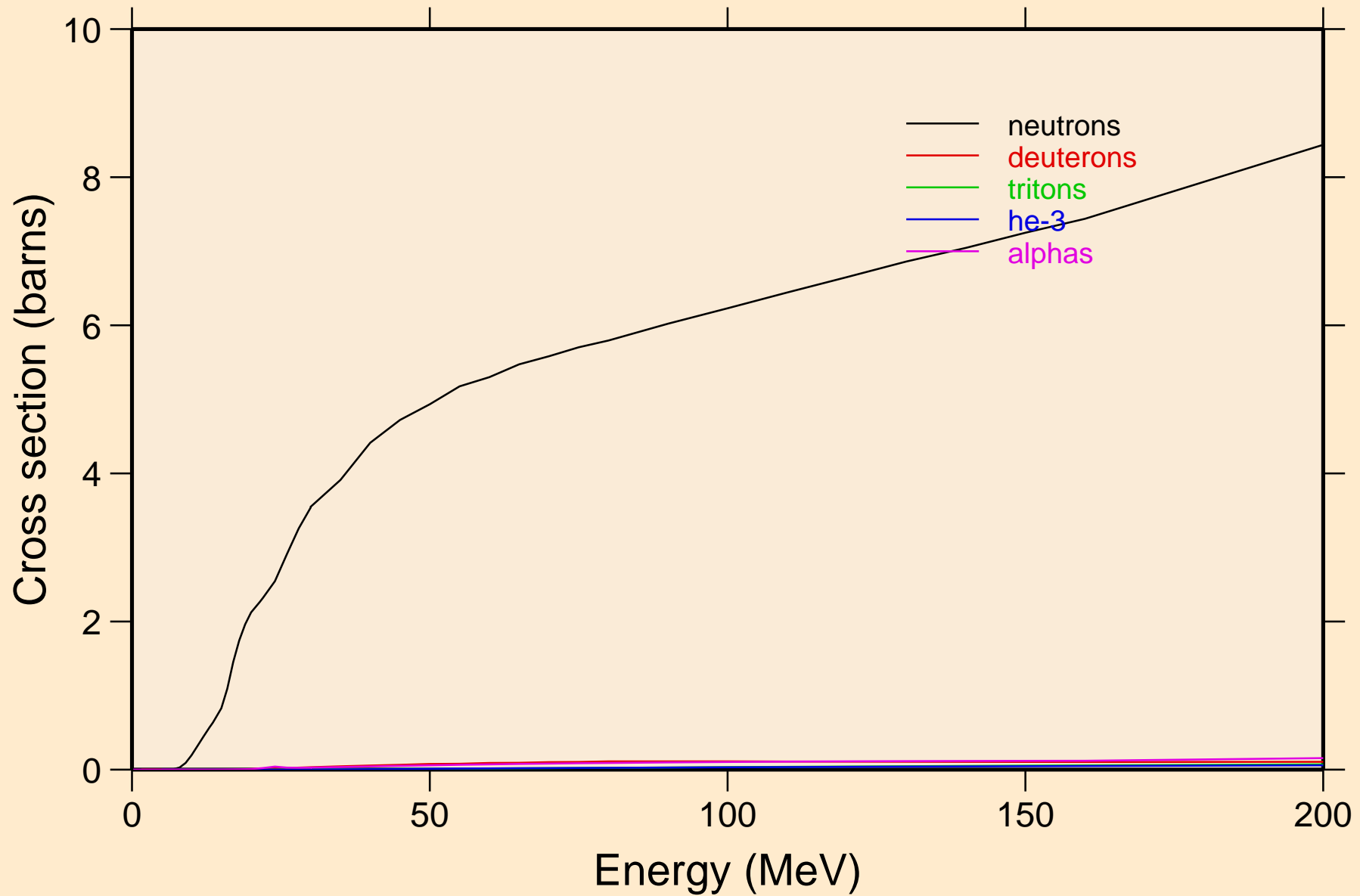
## Particle heating contributions



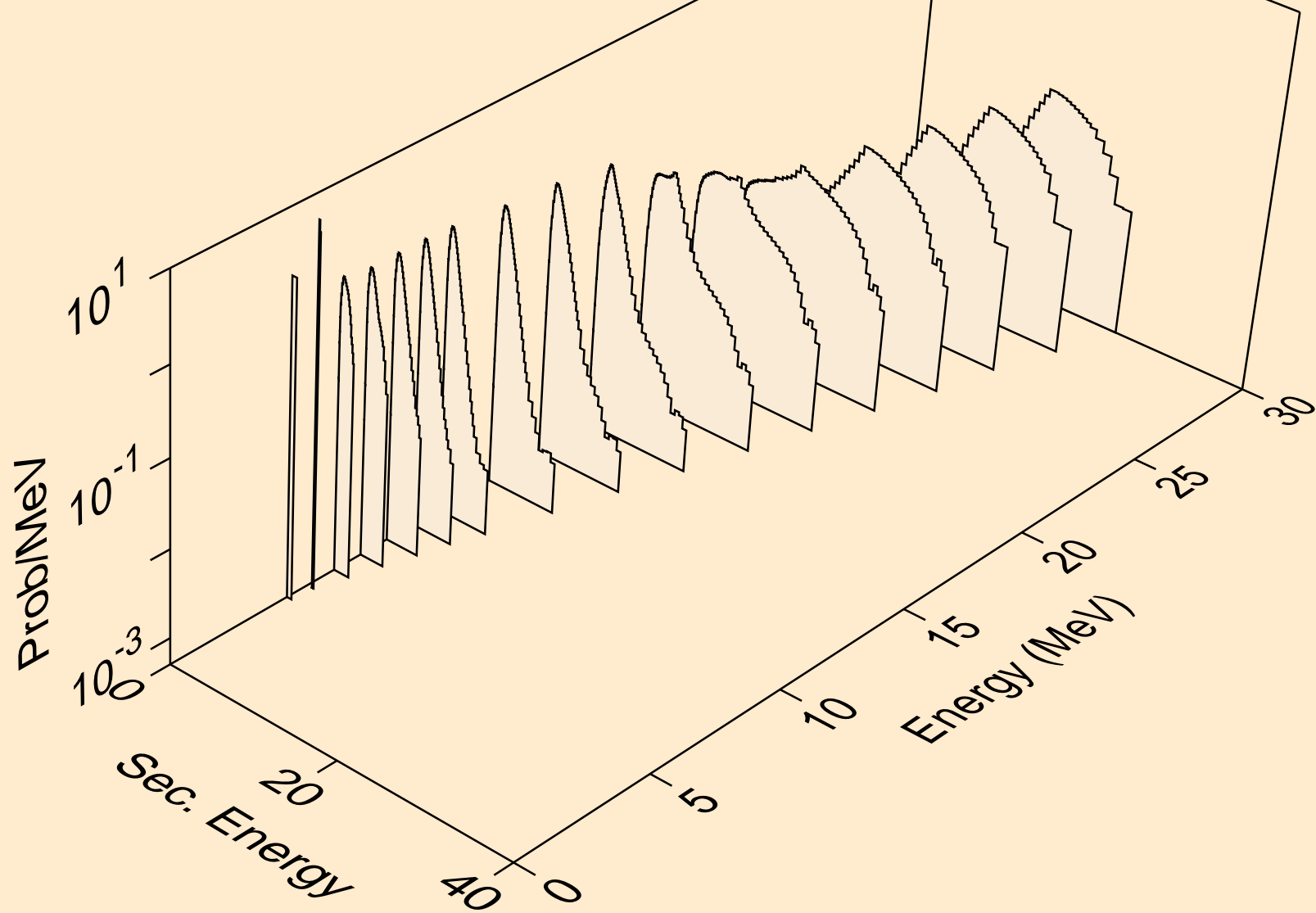
W177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



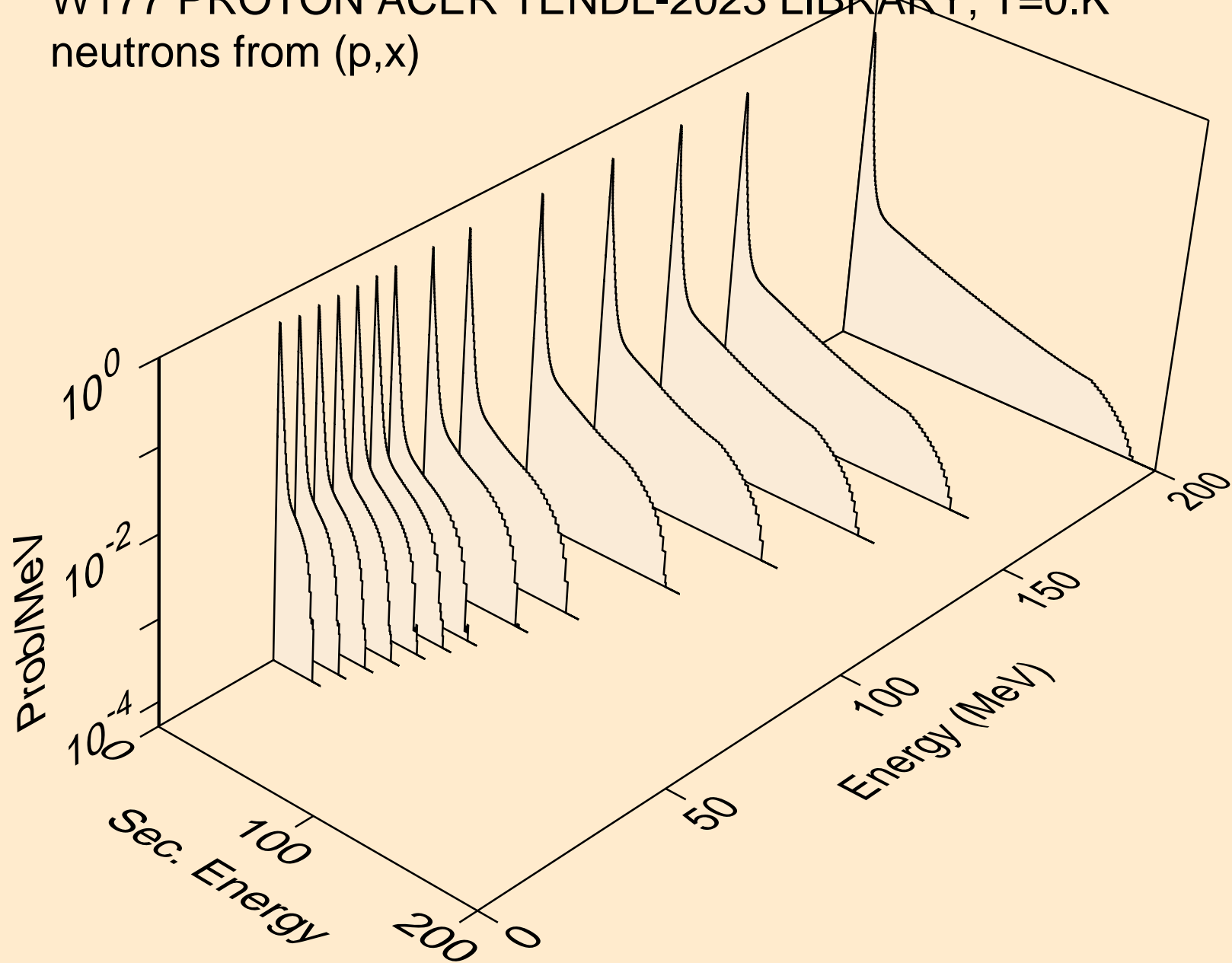
W177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



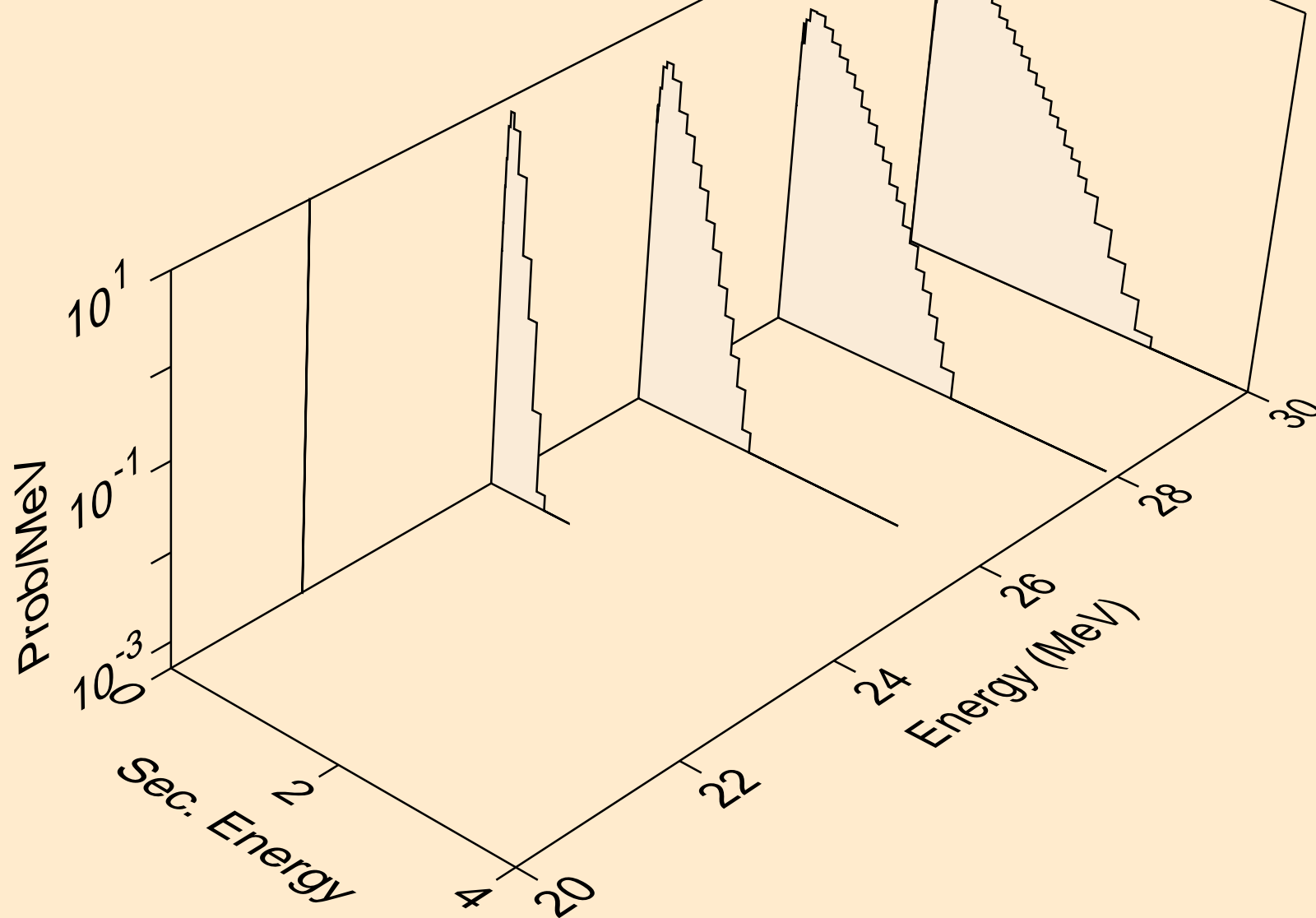
W177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)



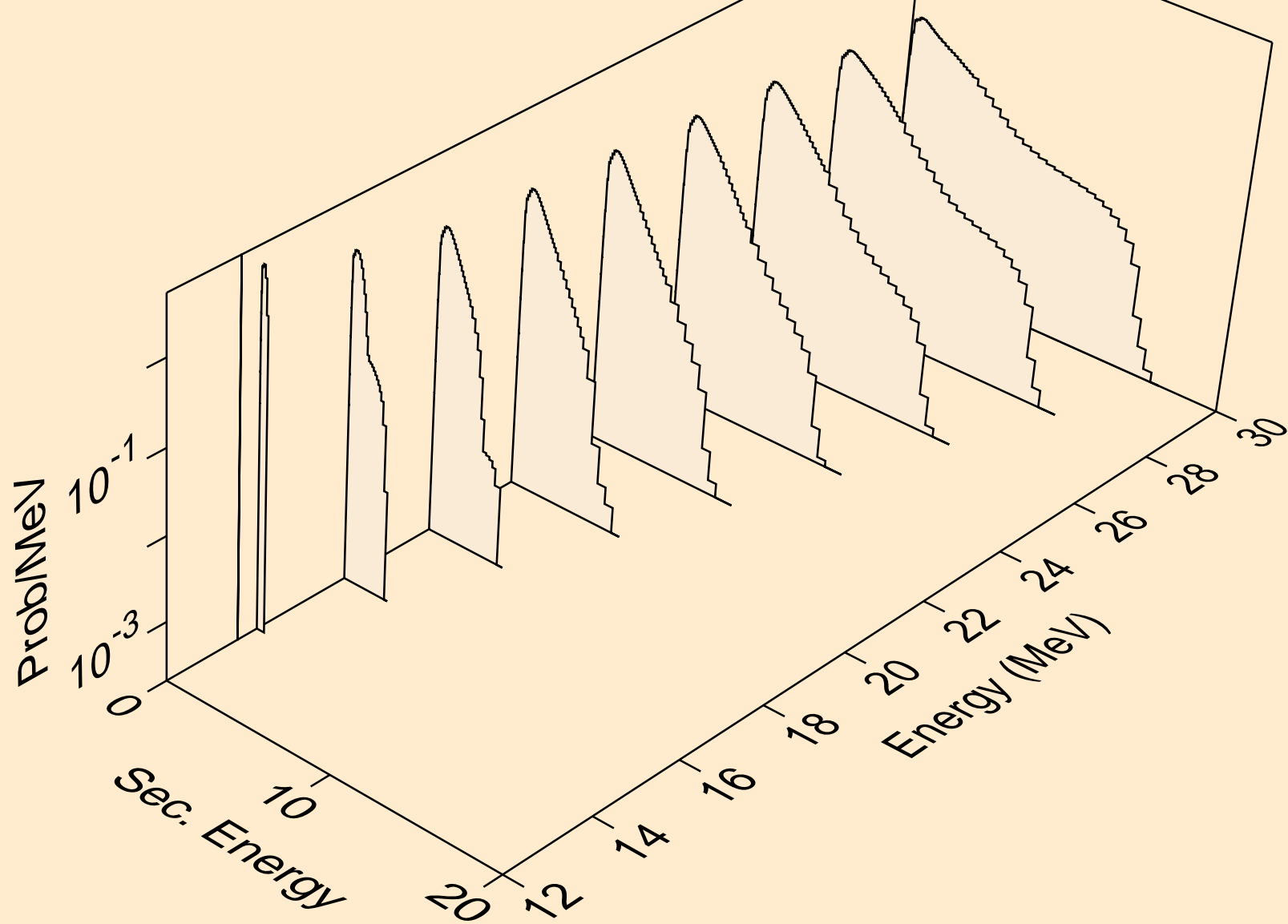
W177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)



W177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2nd)

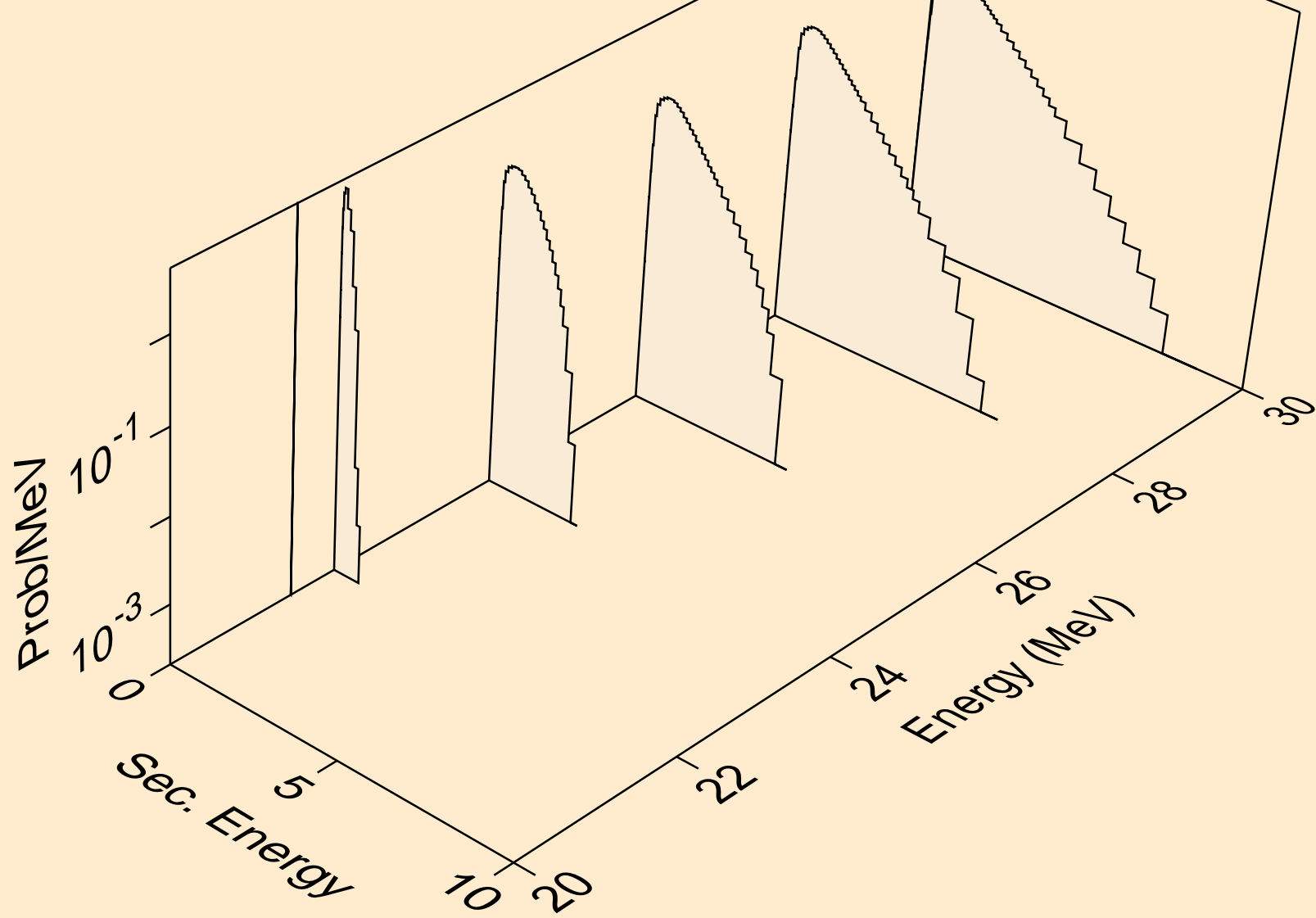


W177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)

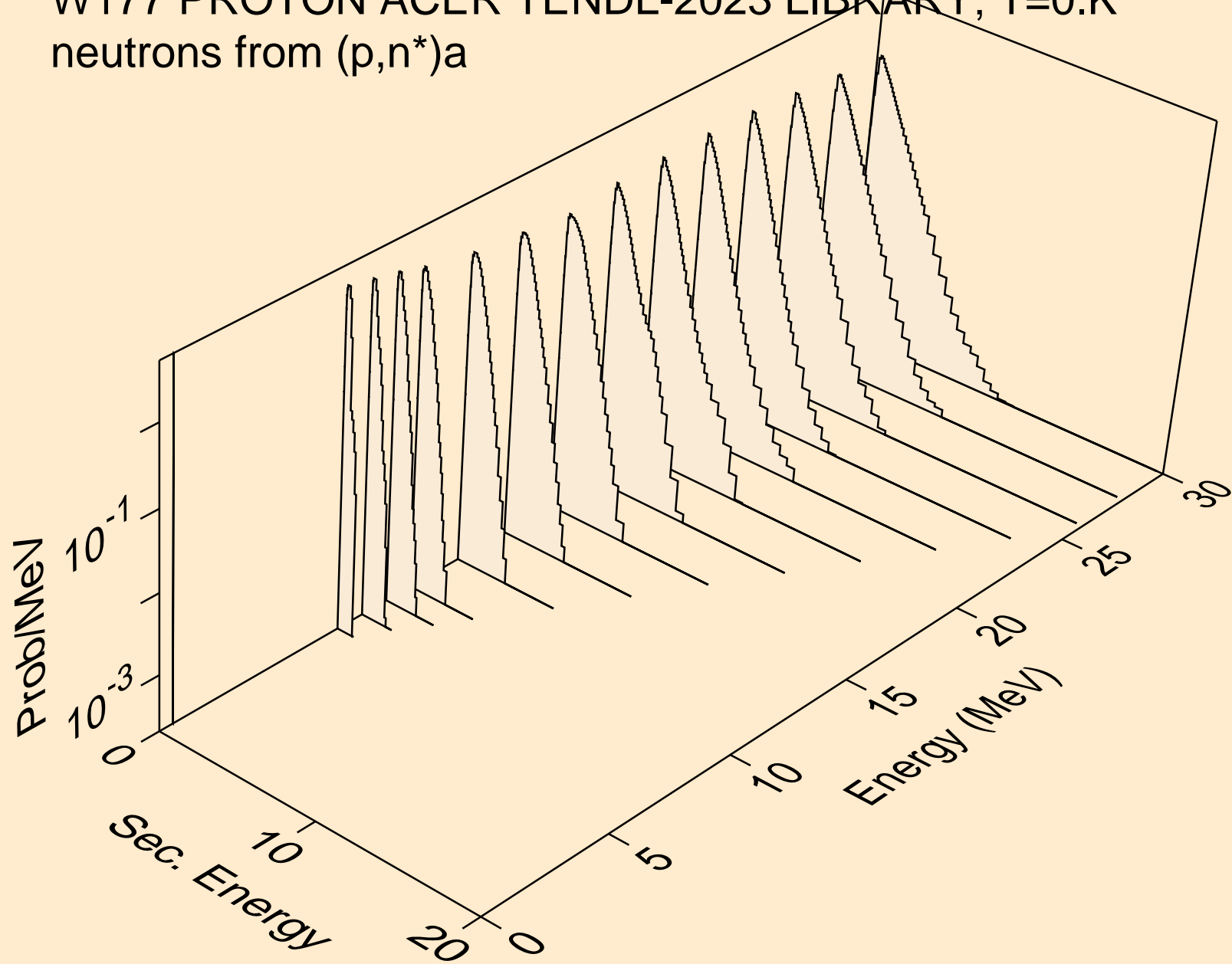




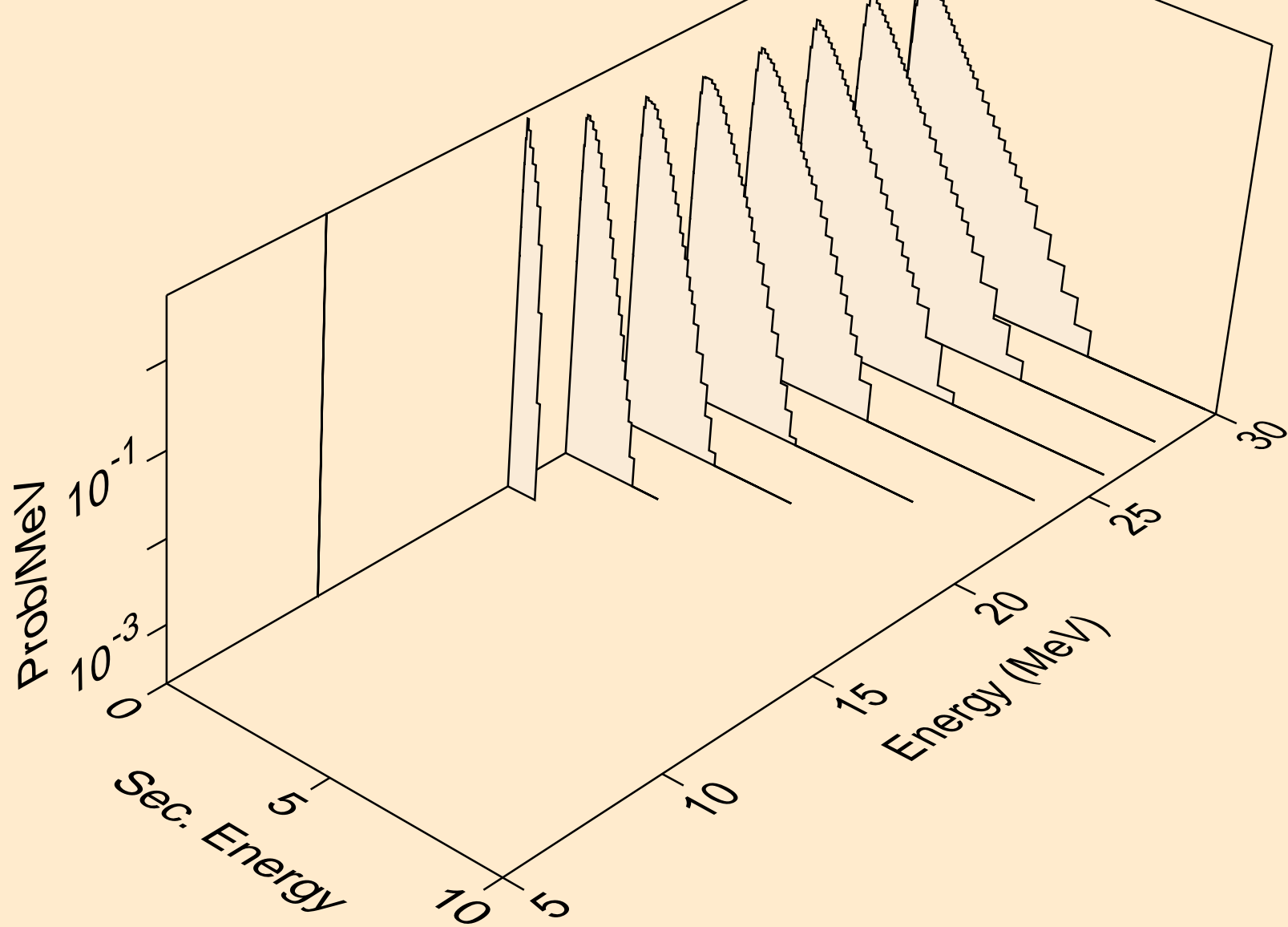
W177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)



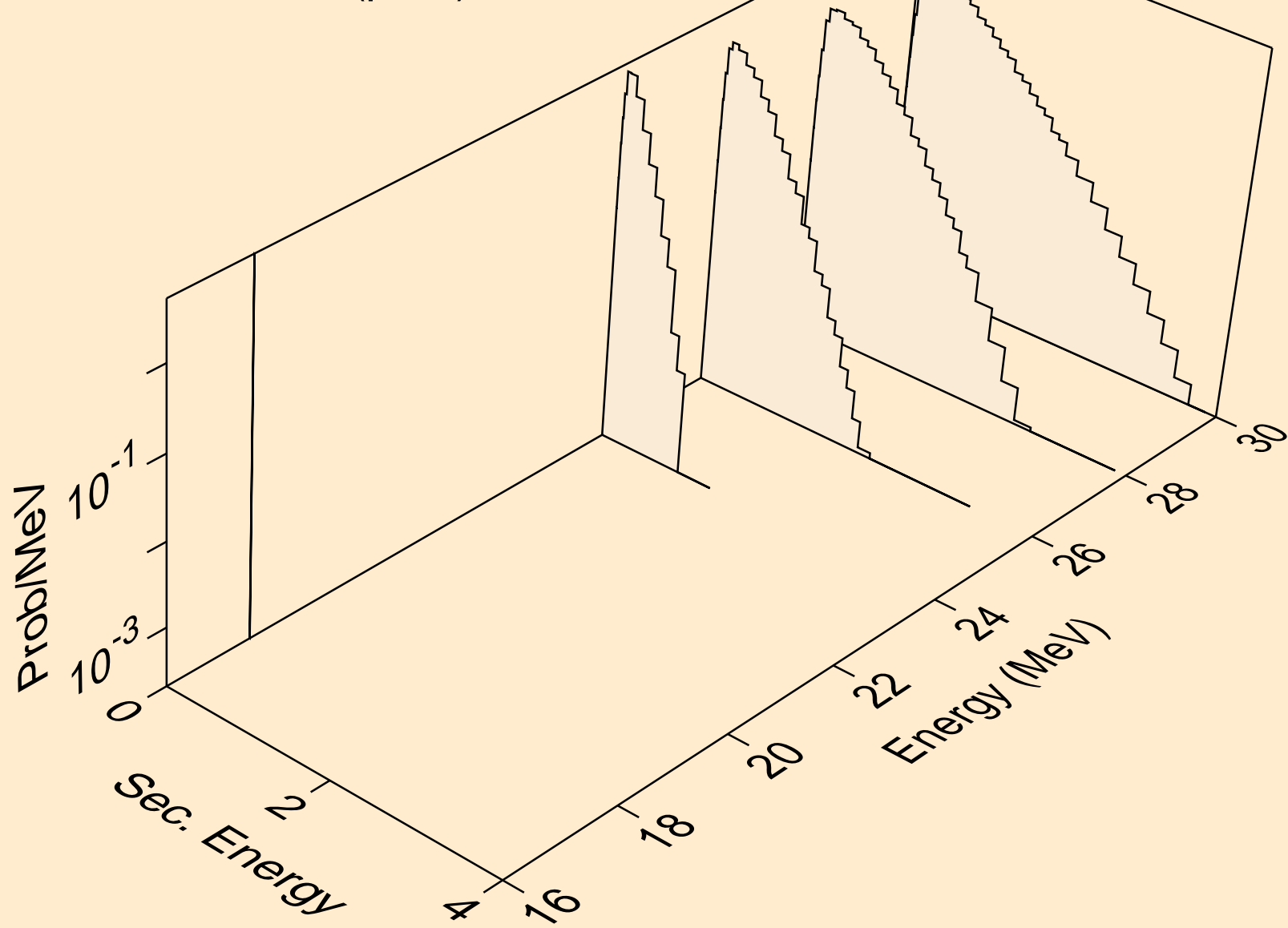
W177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a



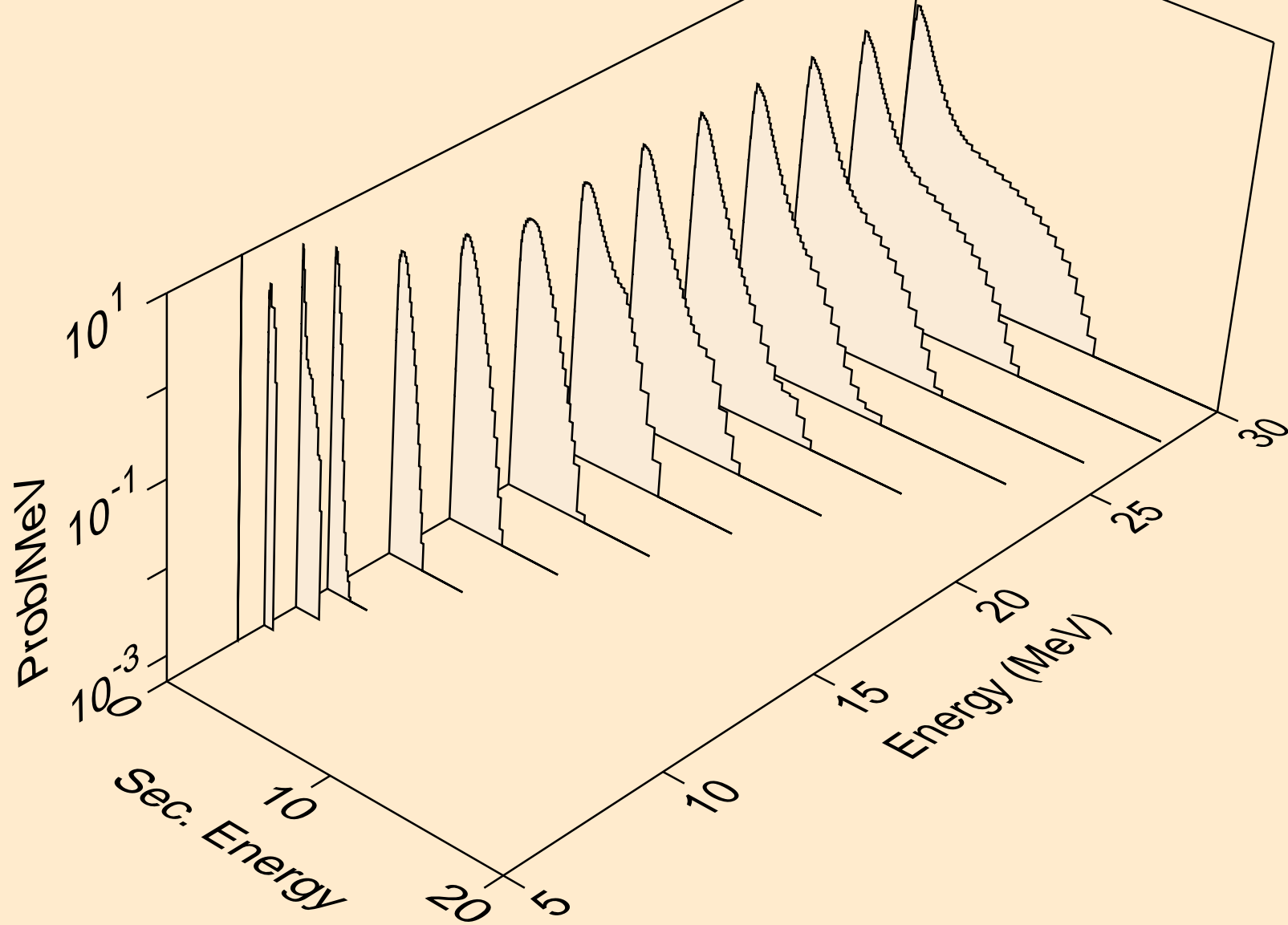
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neutrons from (p,2n)a



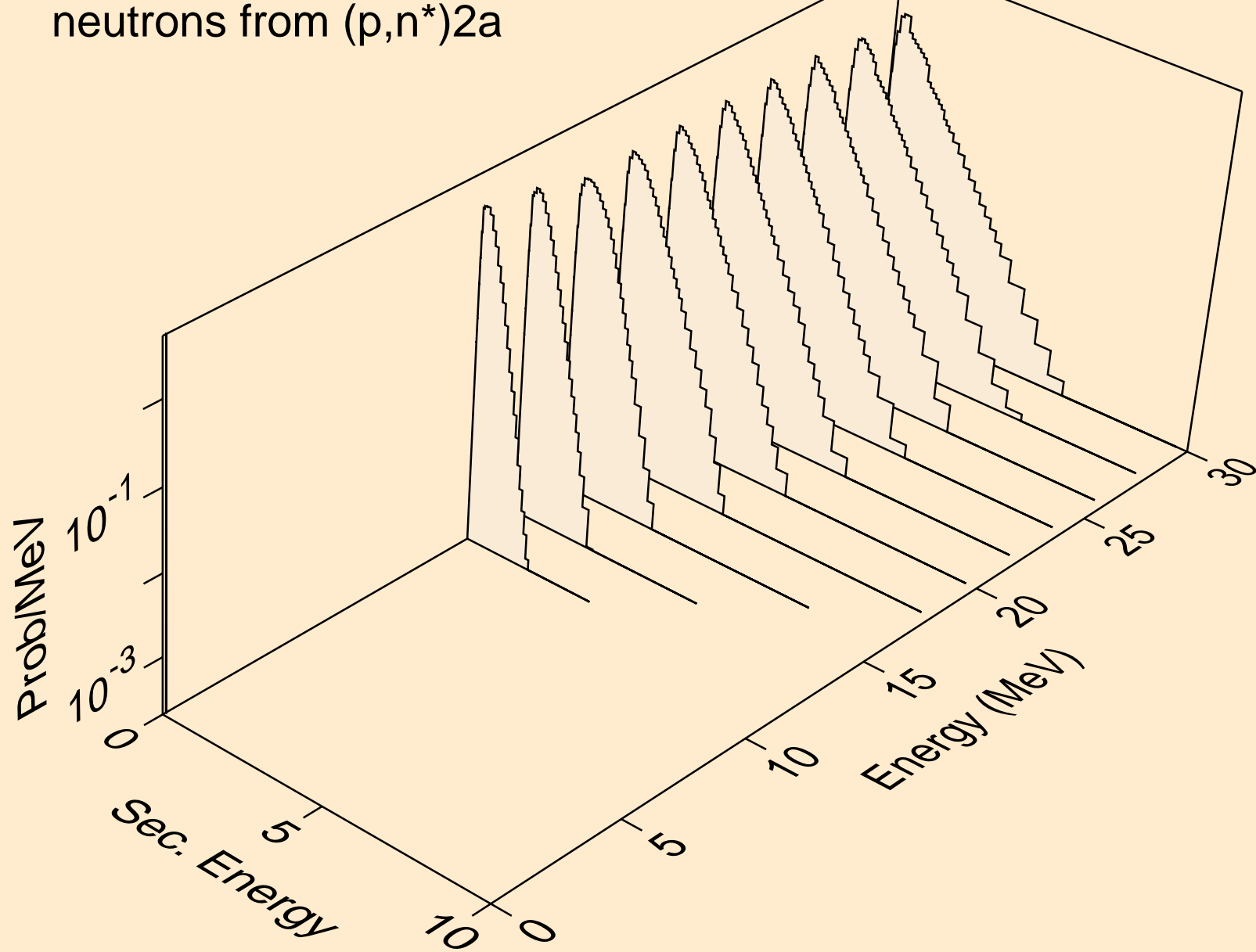
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neutrons from (p,3n)a



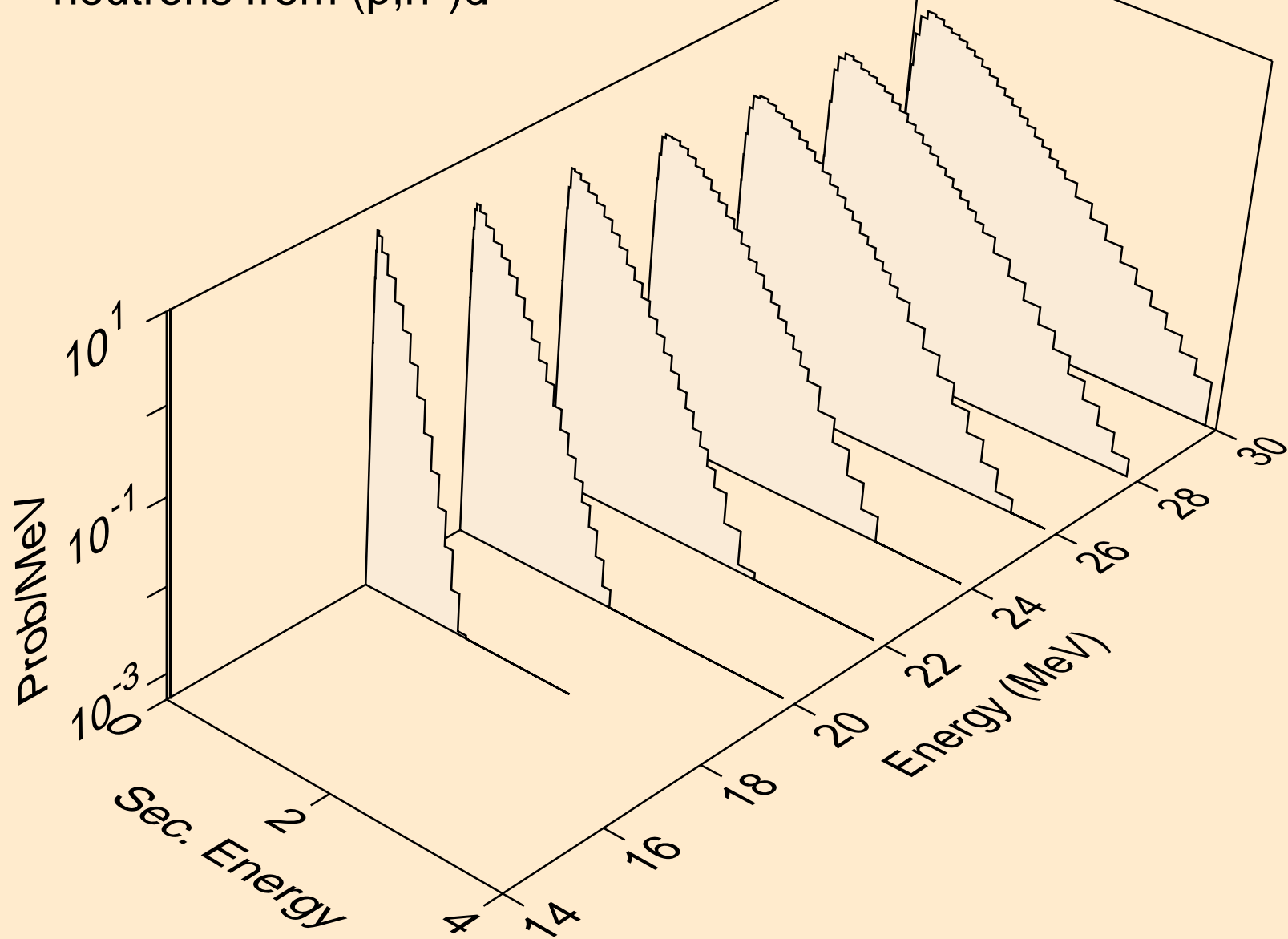
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neutrons from (p,n\*)p



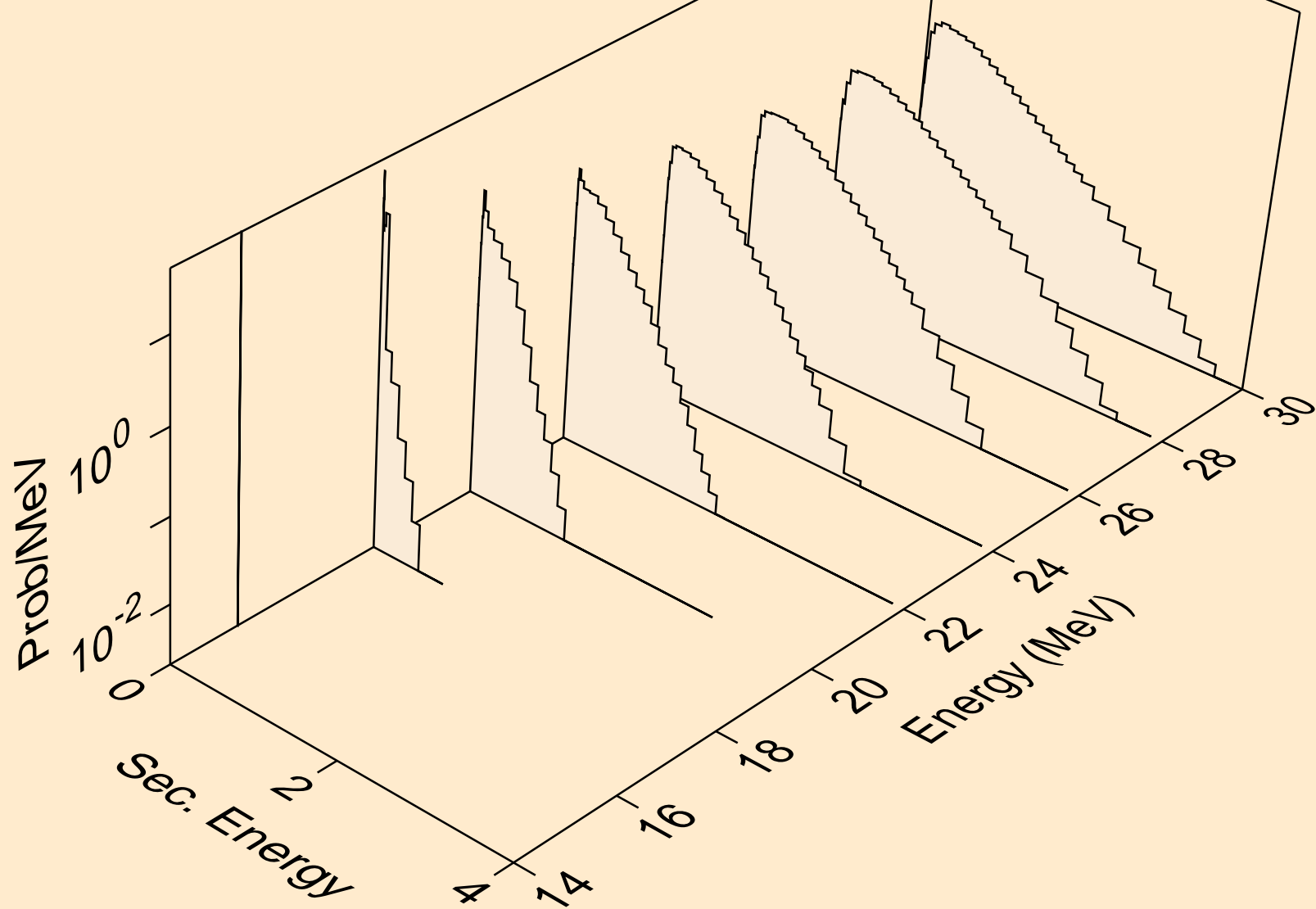
W177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)2a



W177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)d

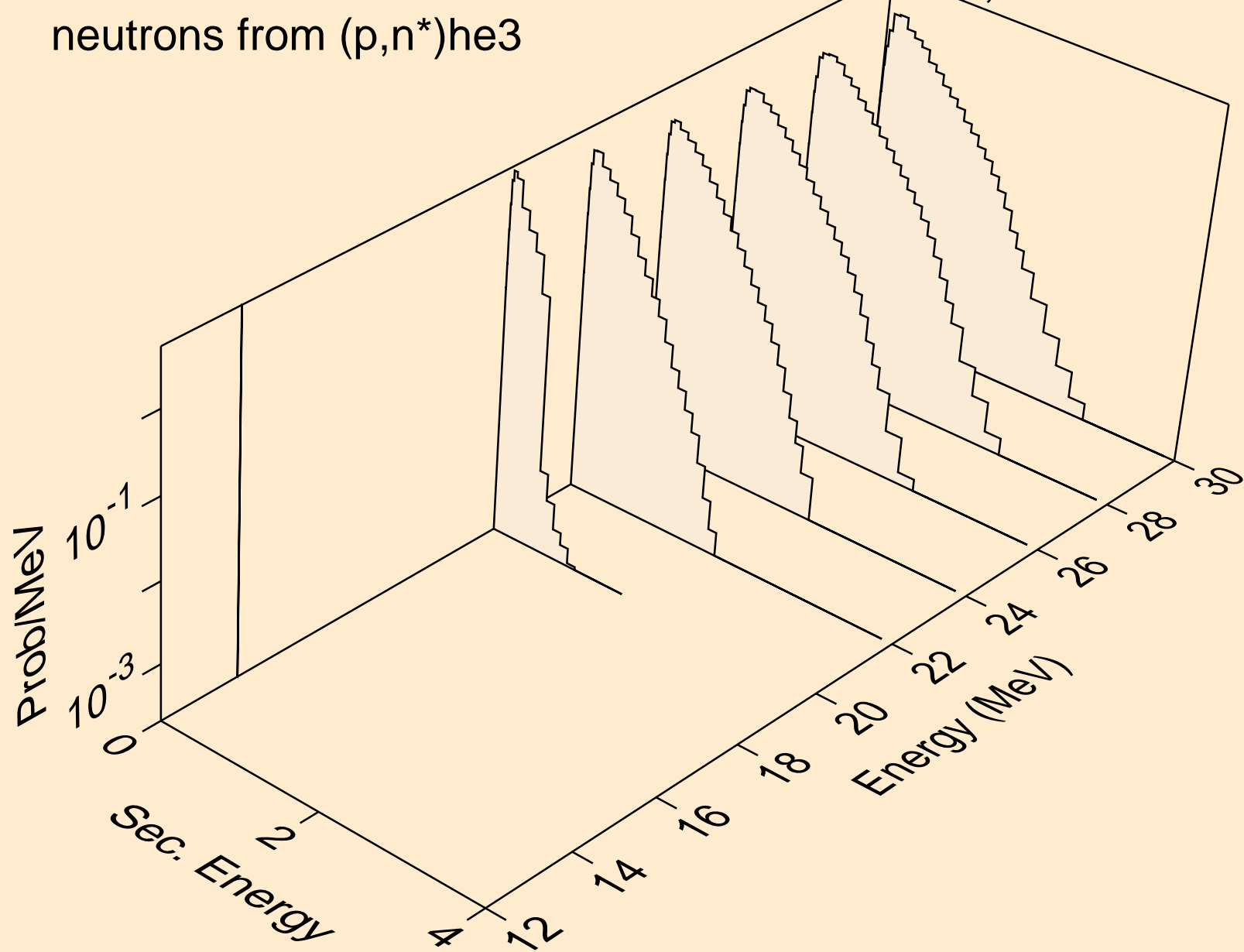


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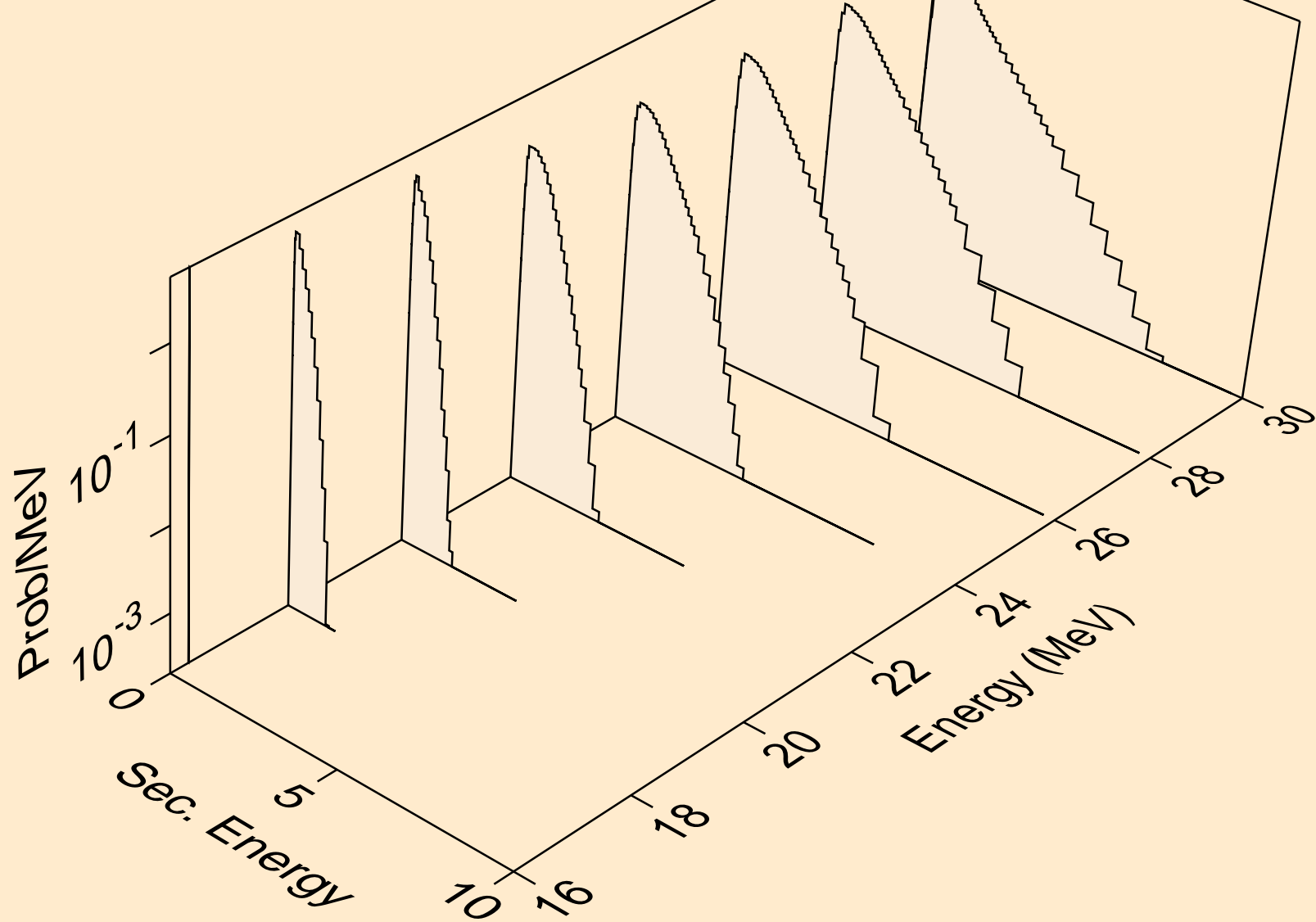




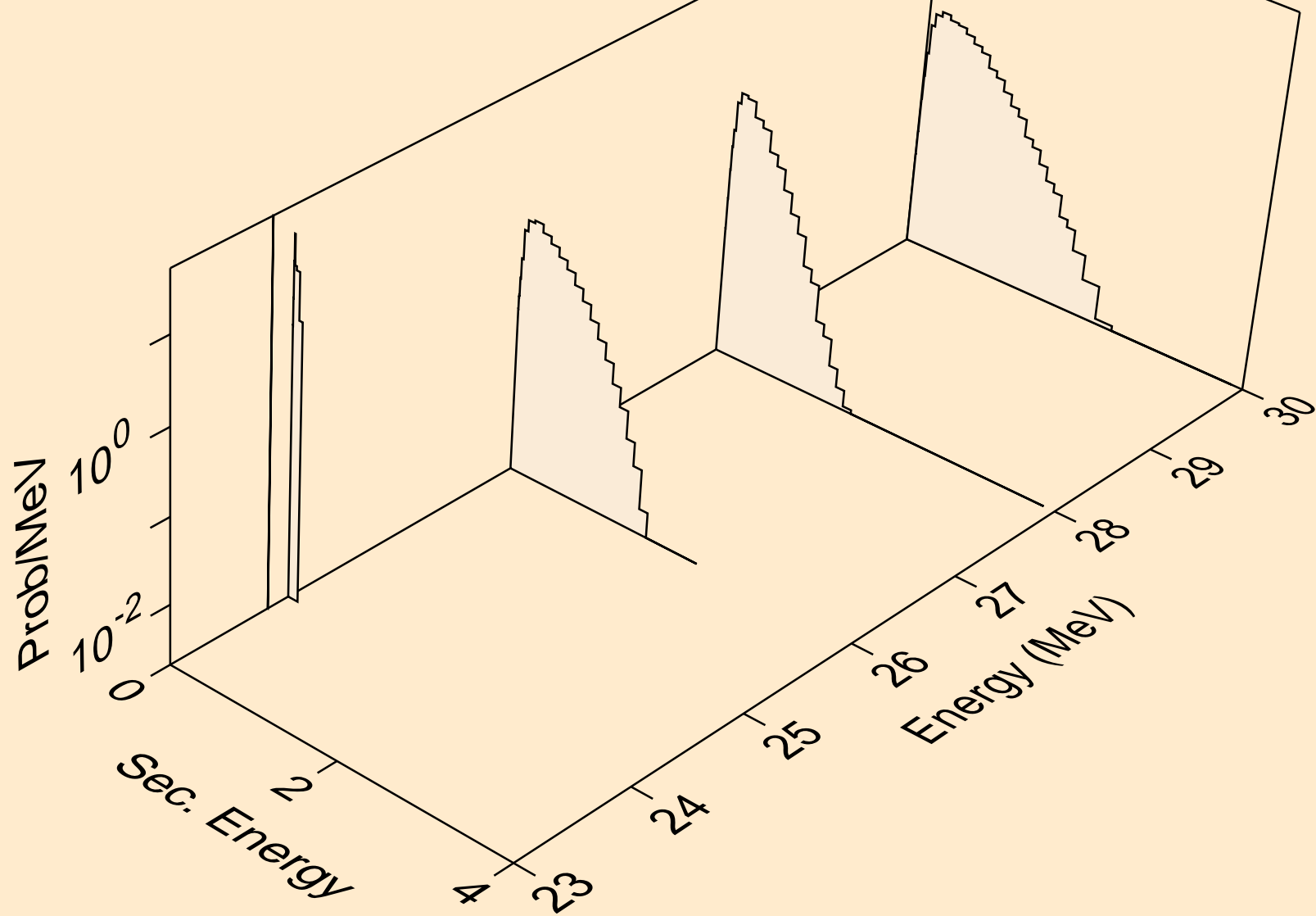
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neutrons from (p,n\*)he3



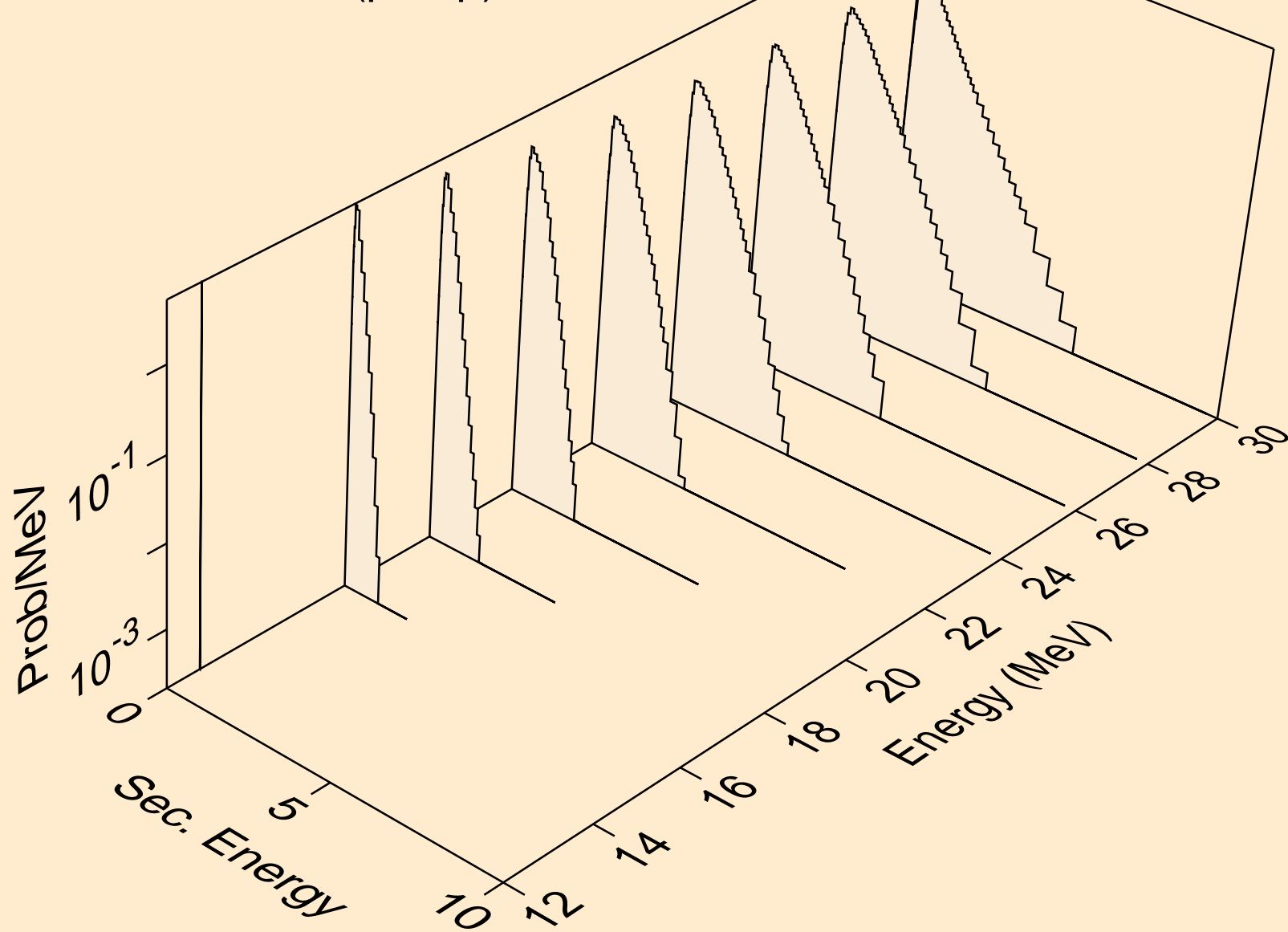
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neutrons from (p,2np)



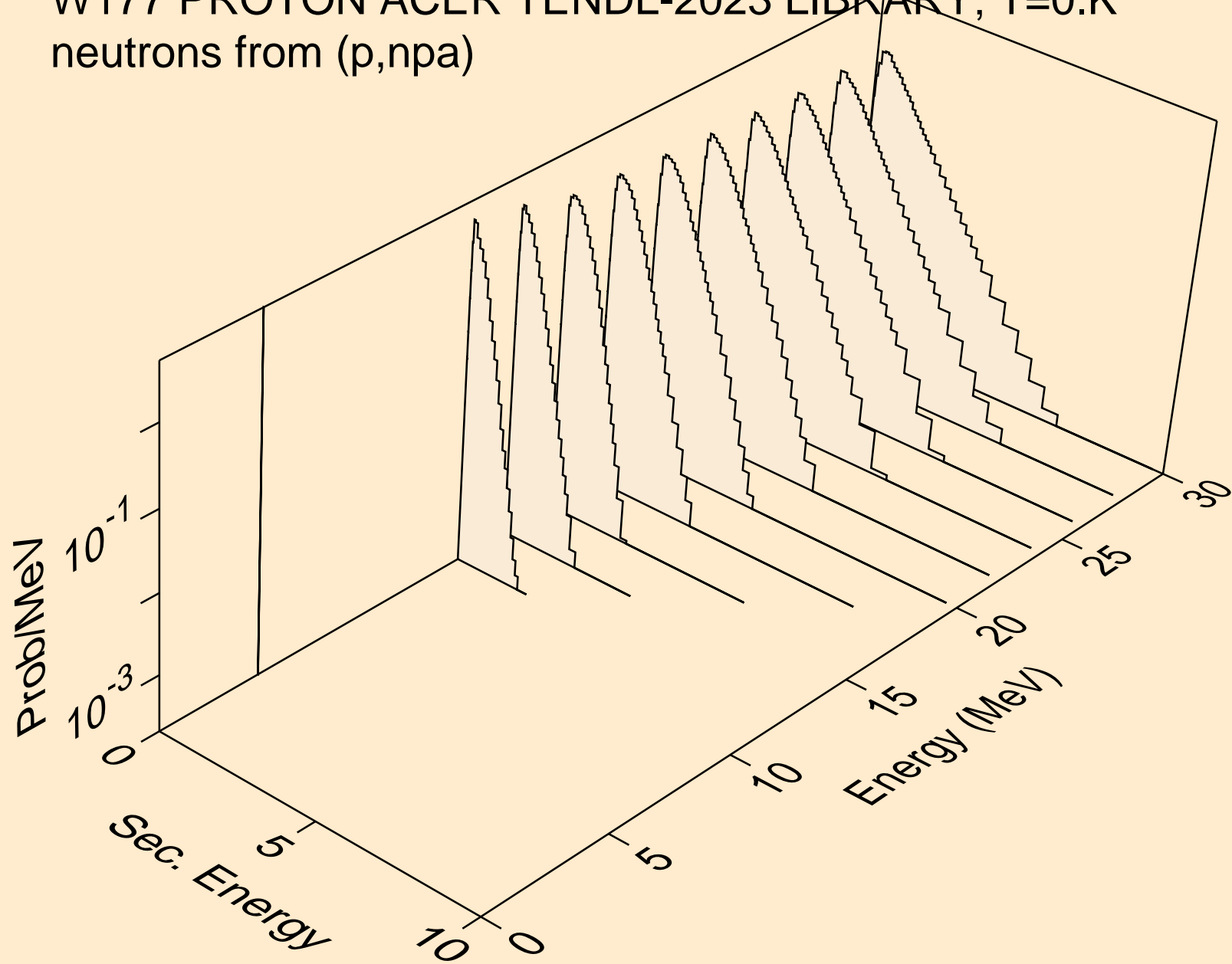
W177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3np)



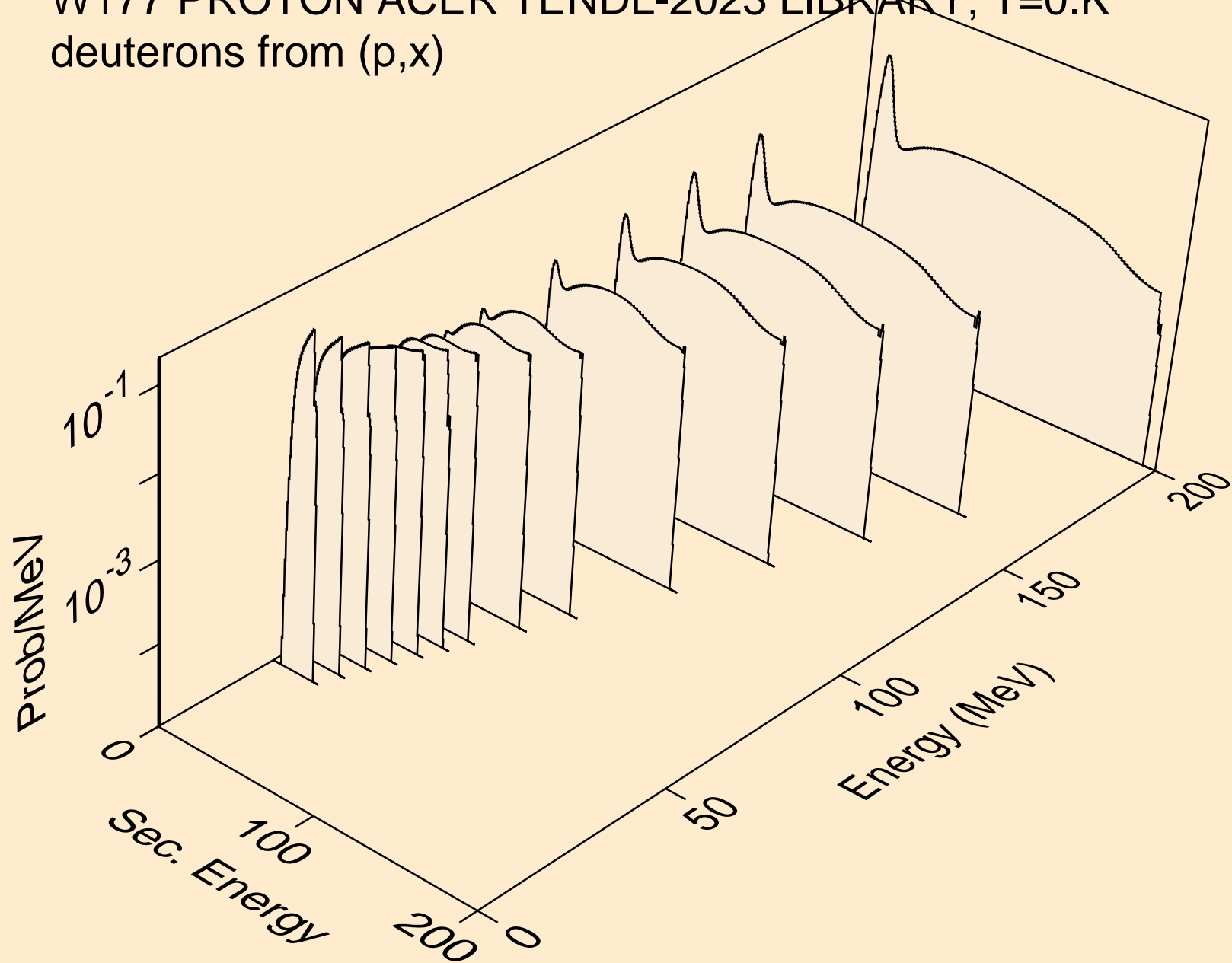
W177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n2p)



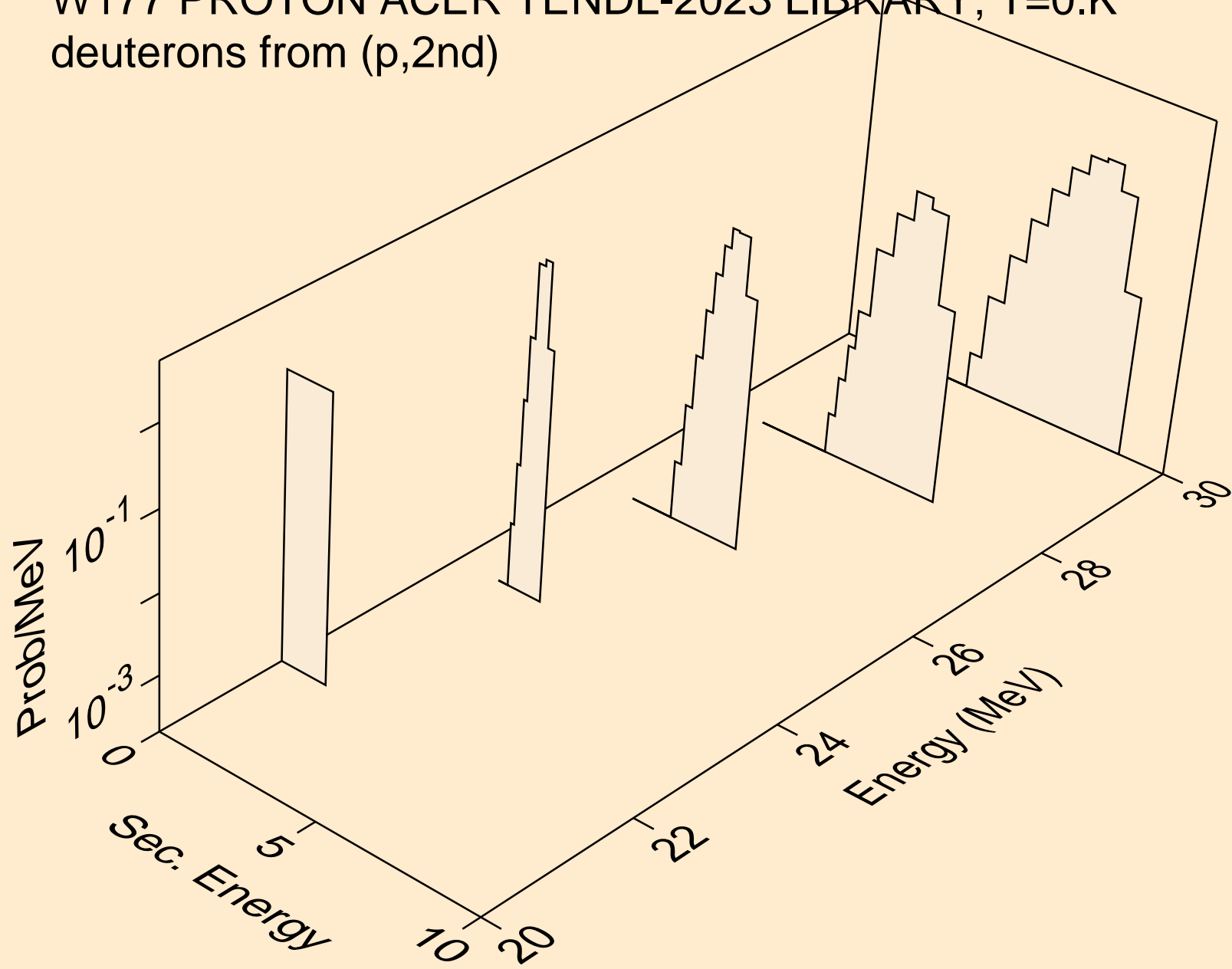
W177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,npa)



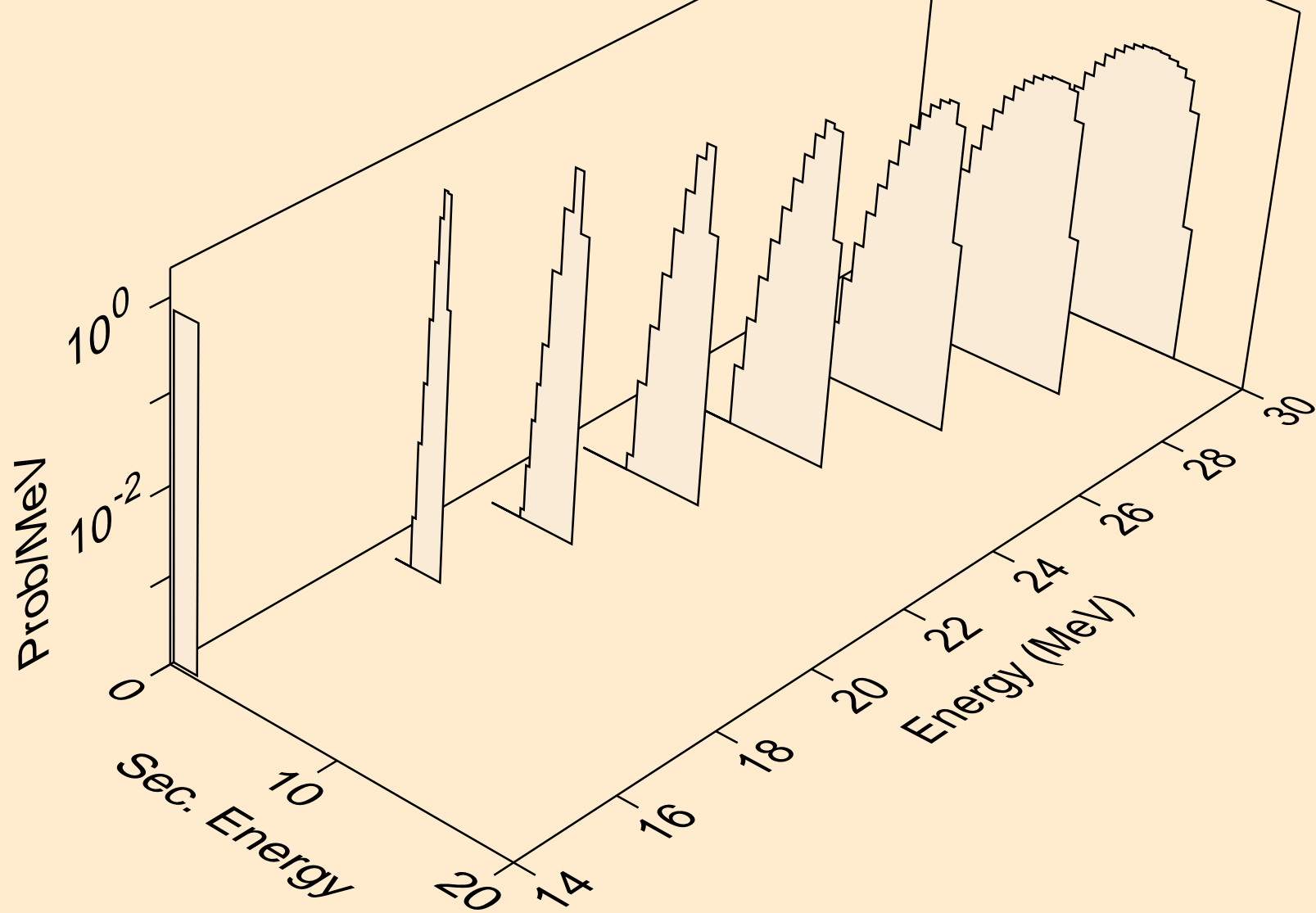
W177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,x)



W177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,2nd)

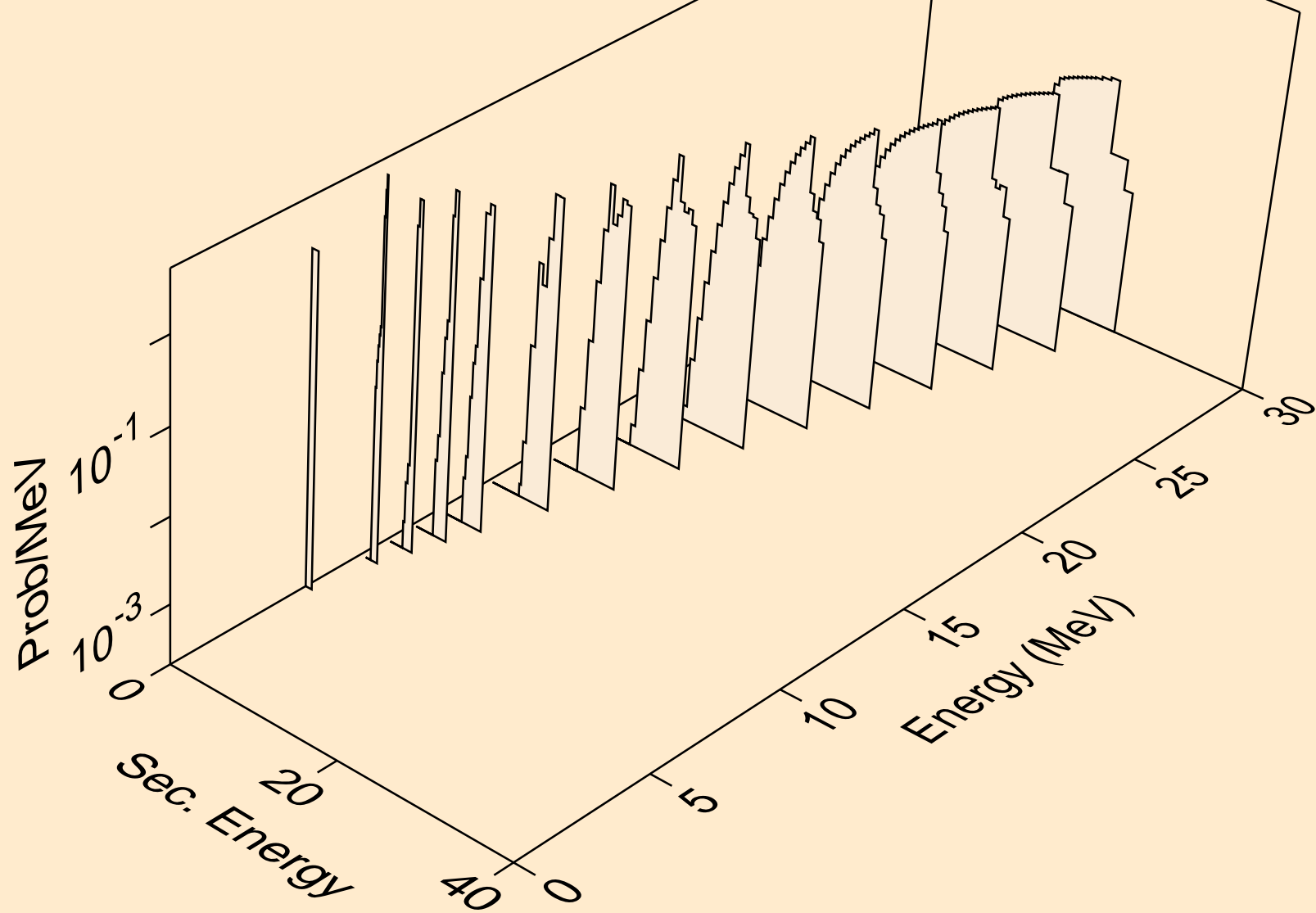


W177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,n\*)d

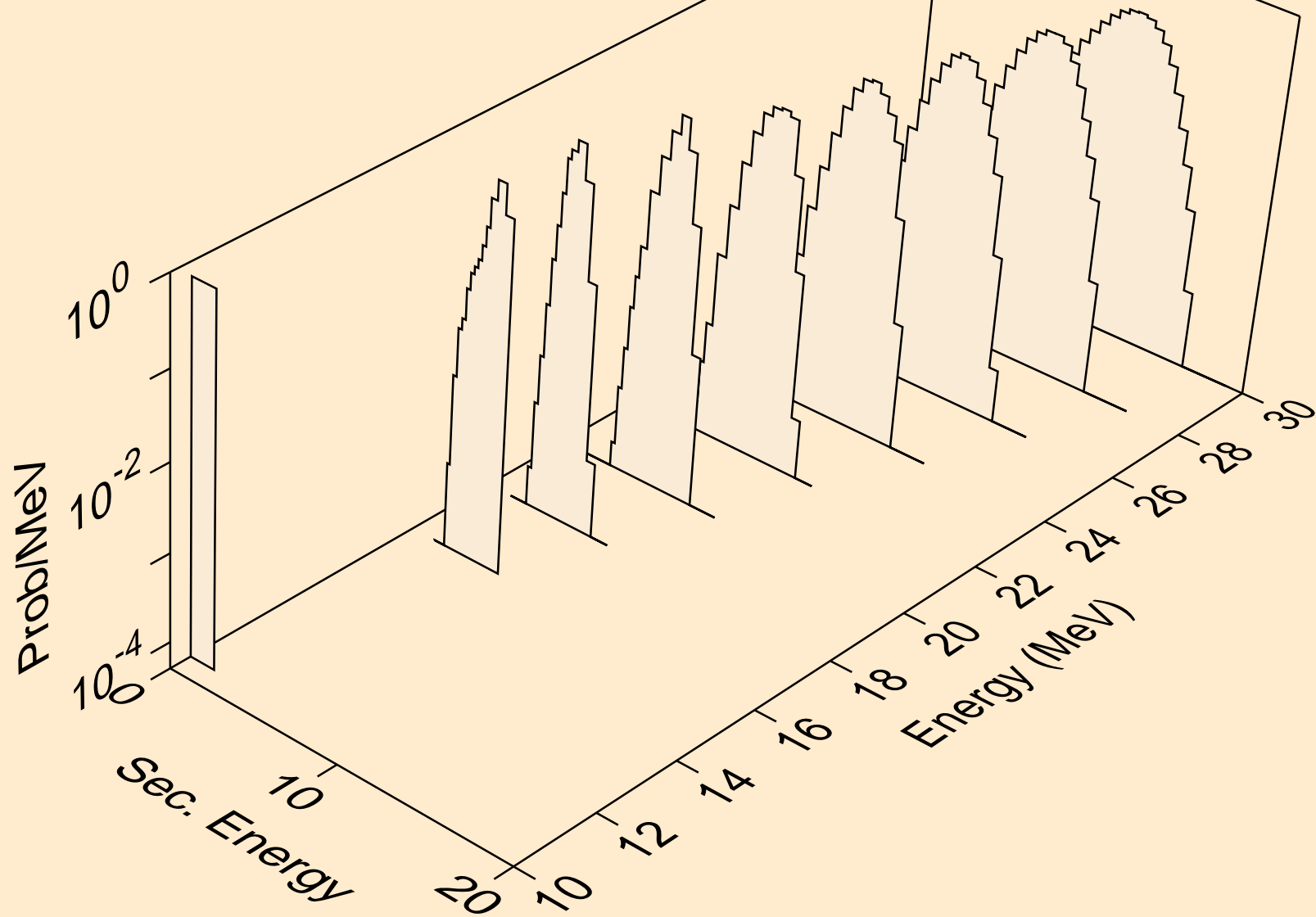




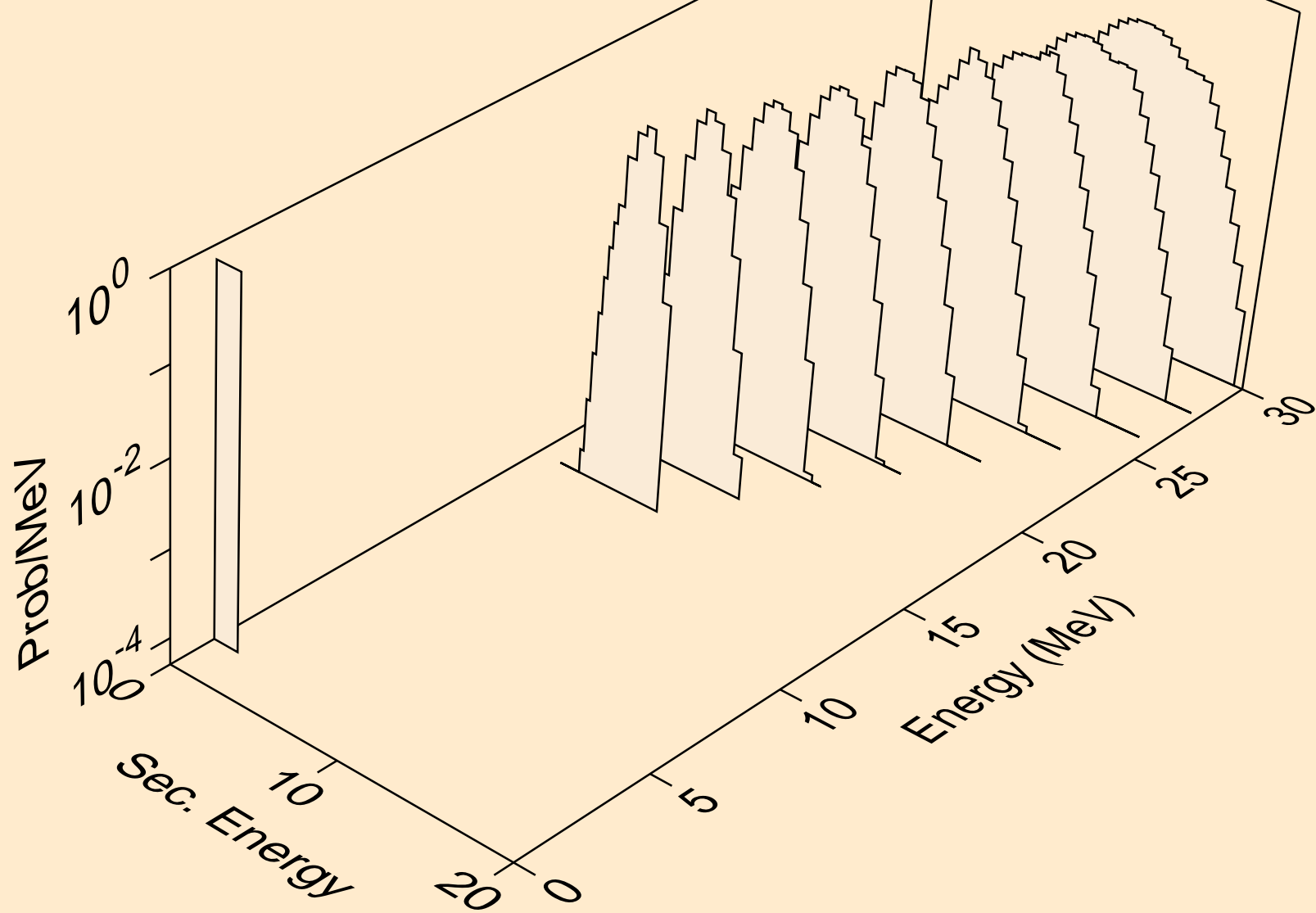
W177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,d)



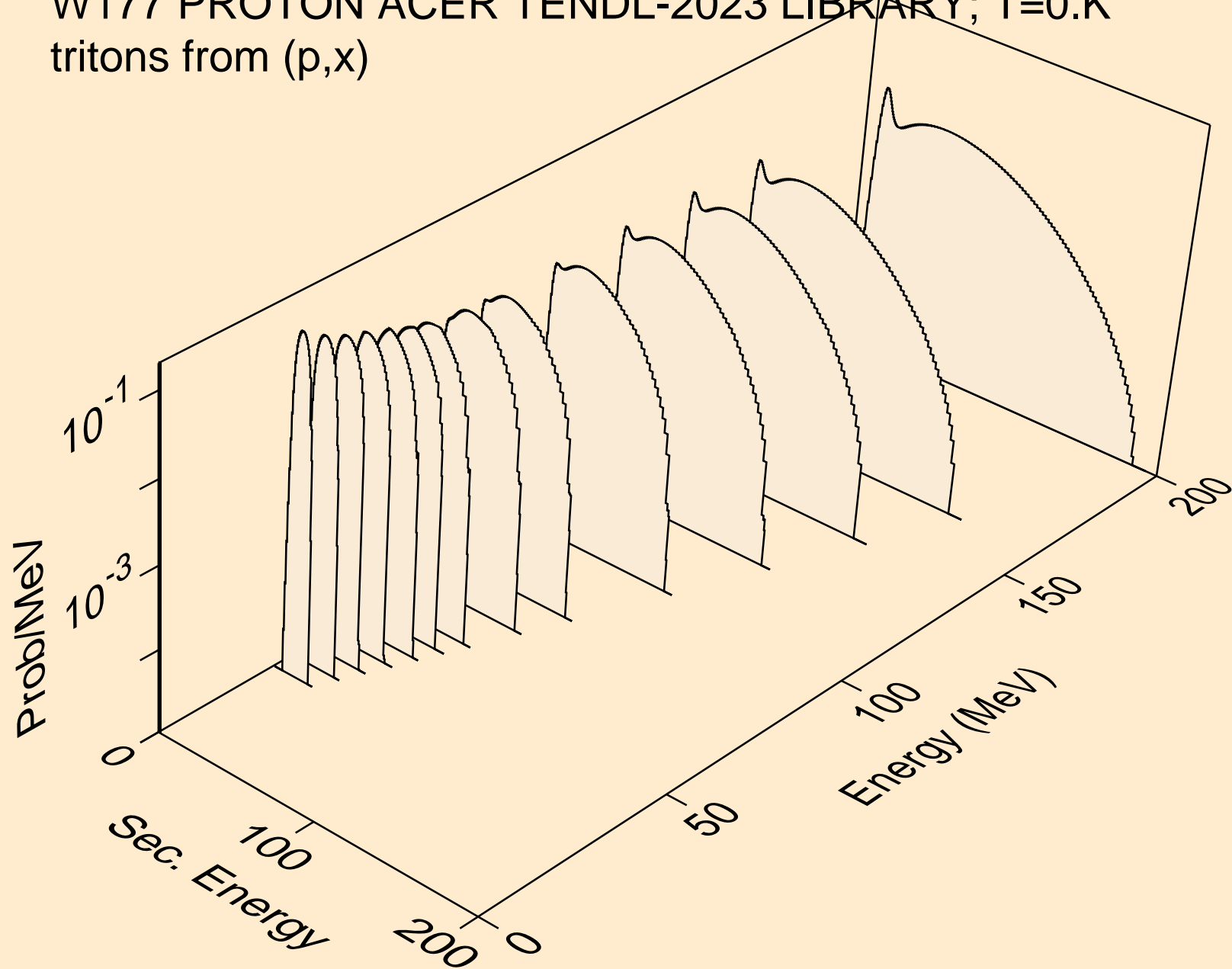
W177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,pd)



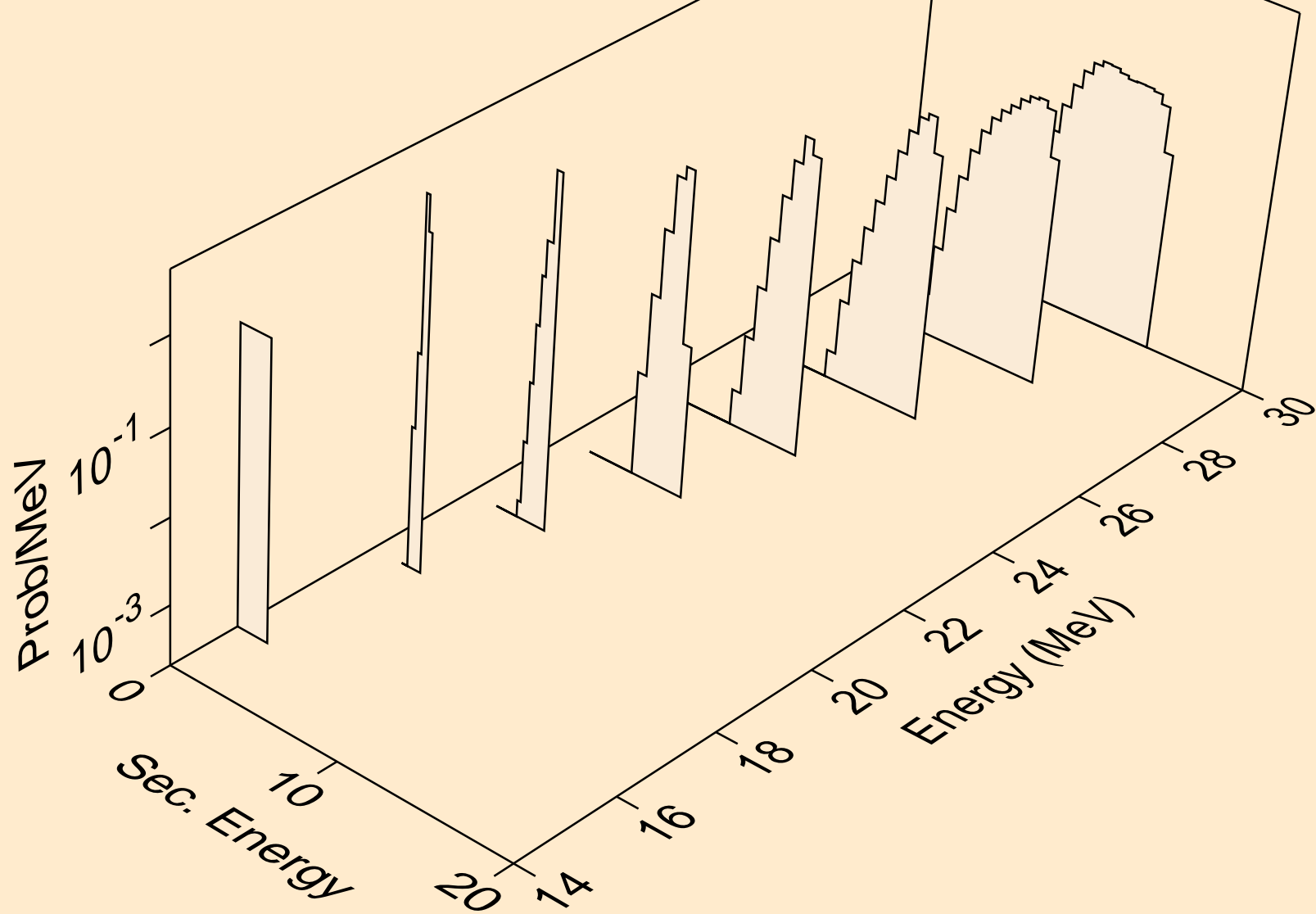
W177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,da)



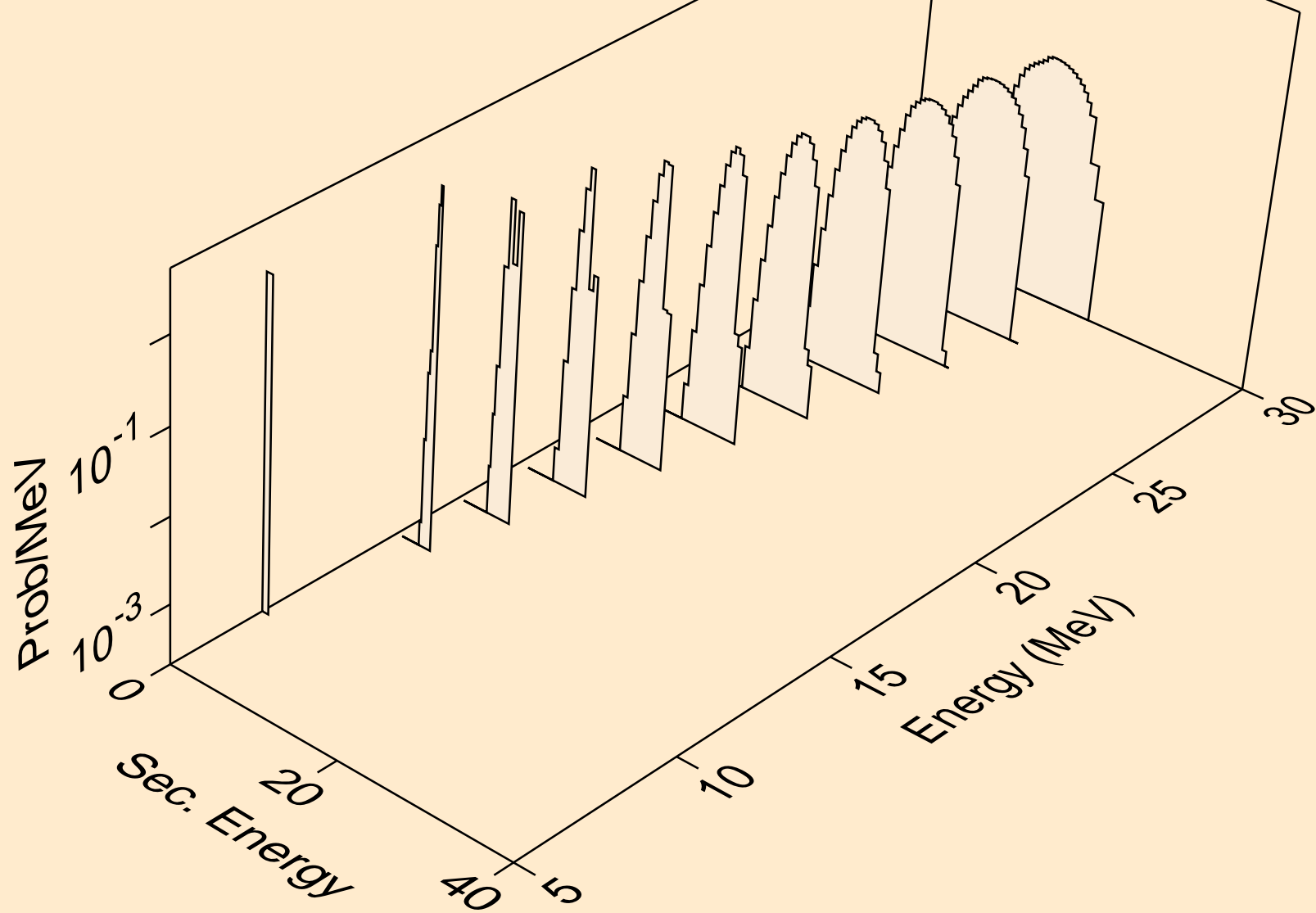
W177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,x)



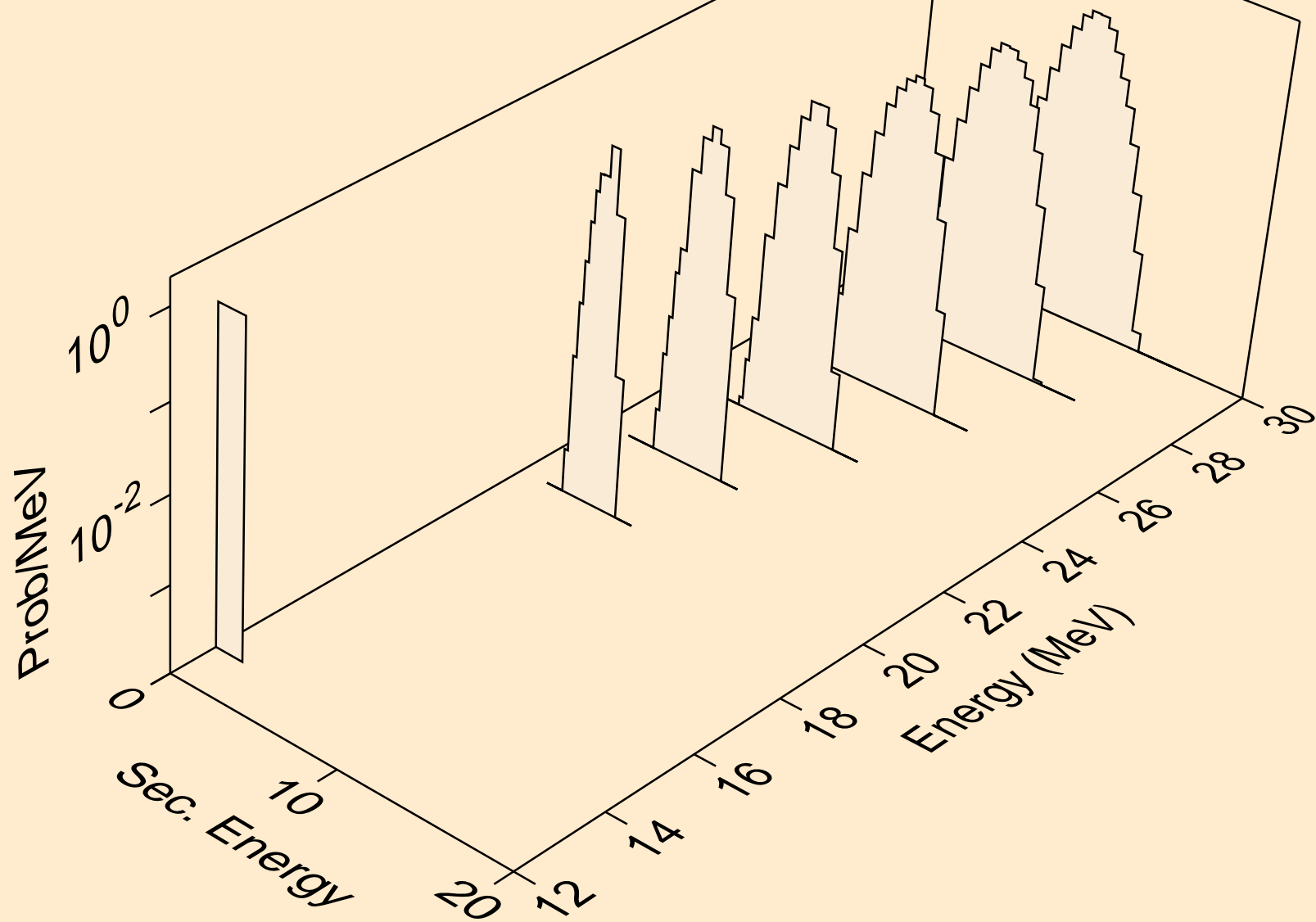
W177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,n\*)t



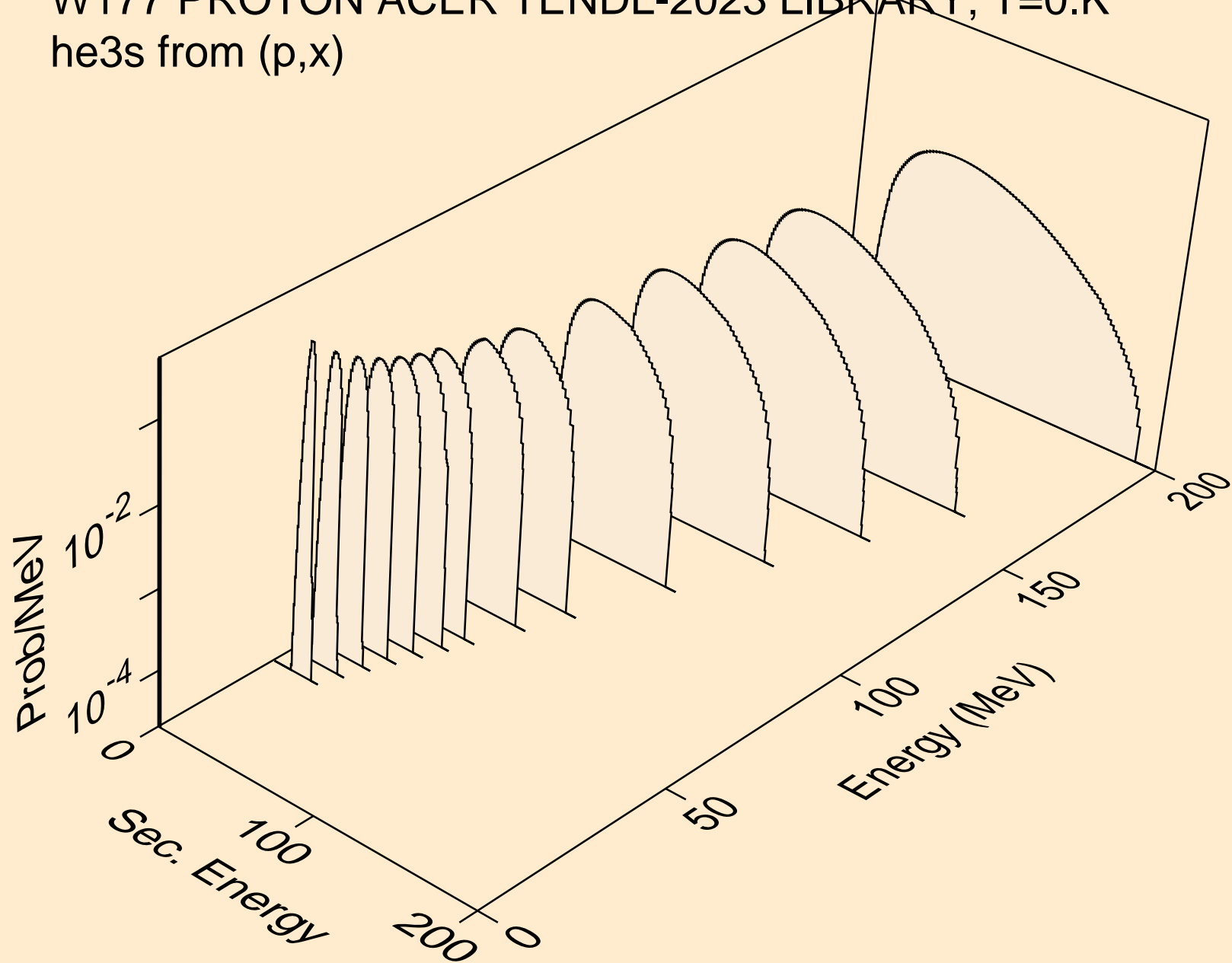
W177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,t)



W177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,pt)

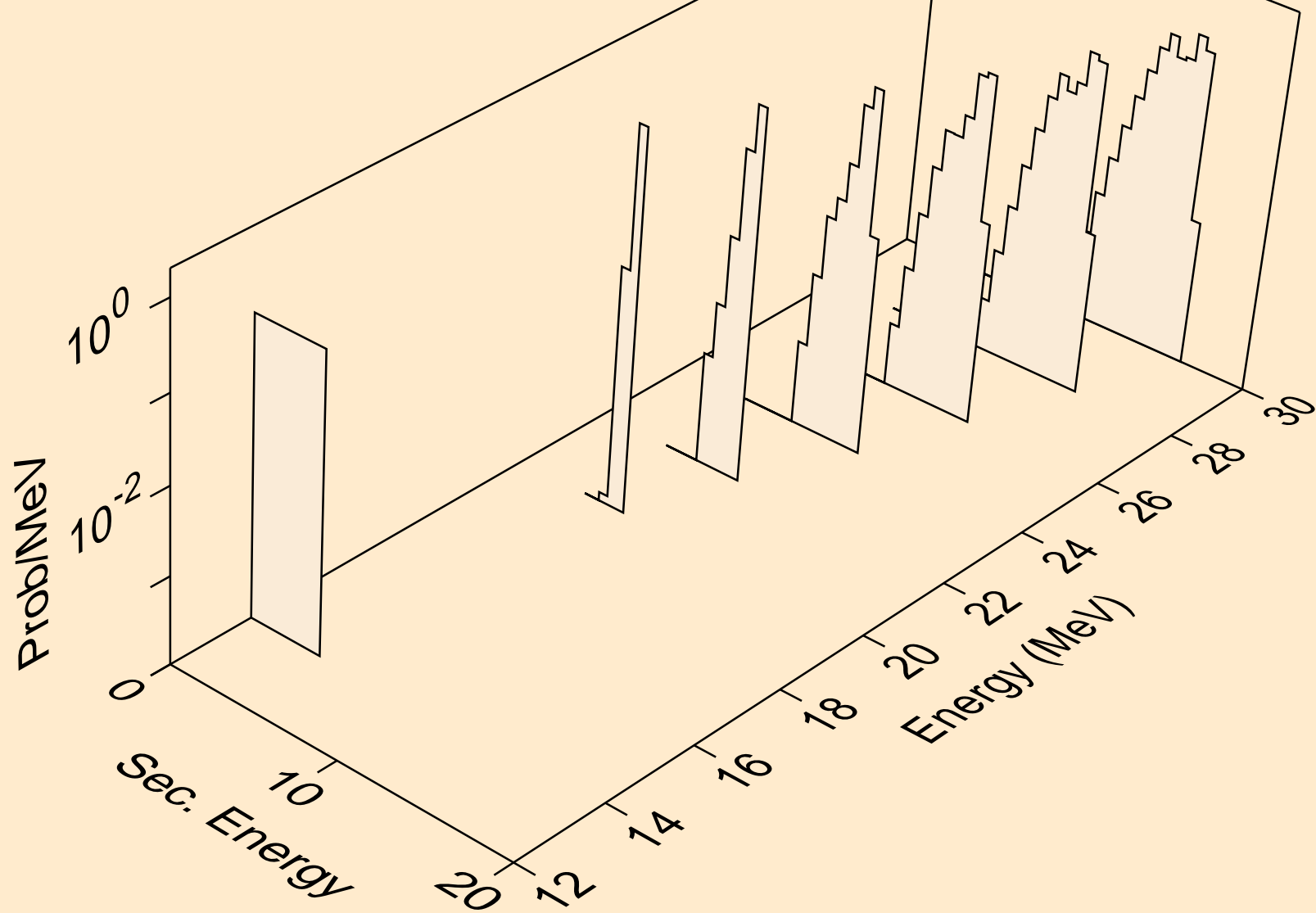


W177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)

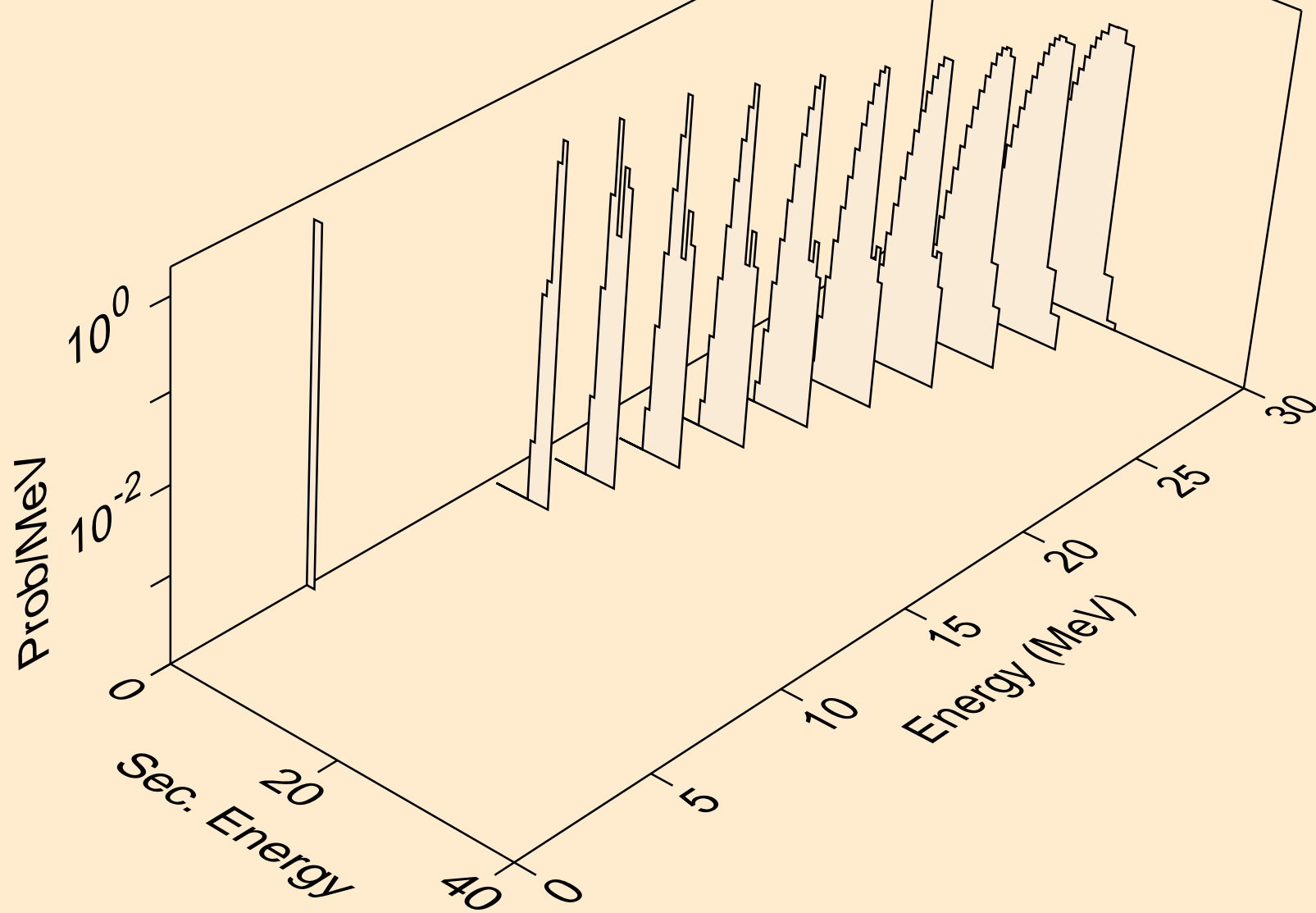




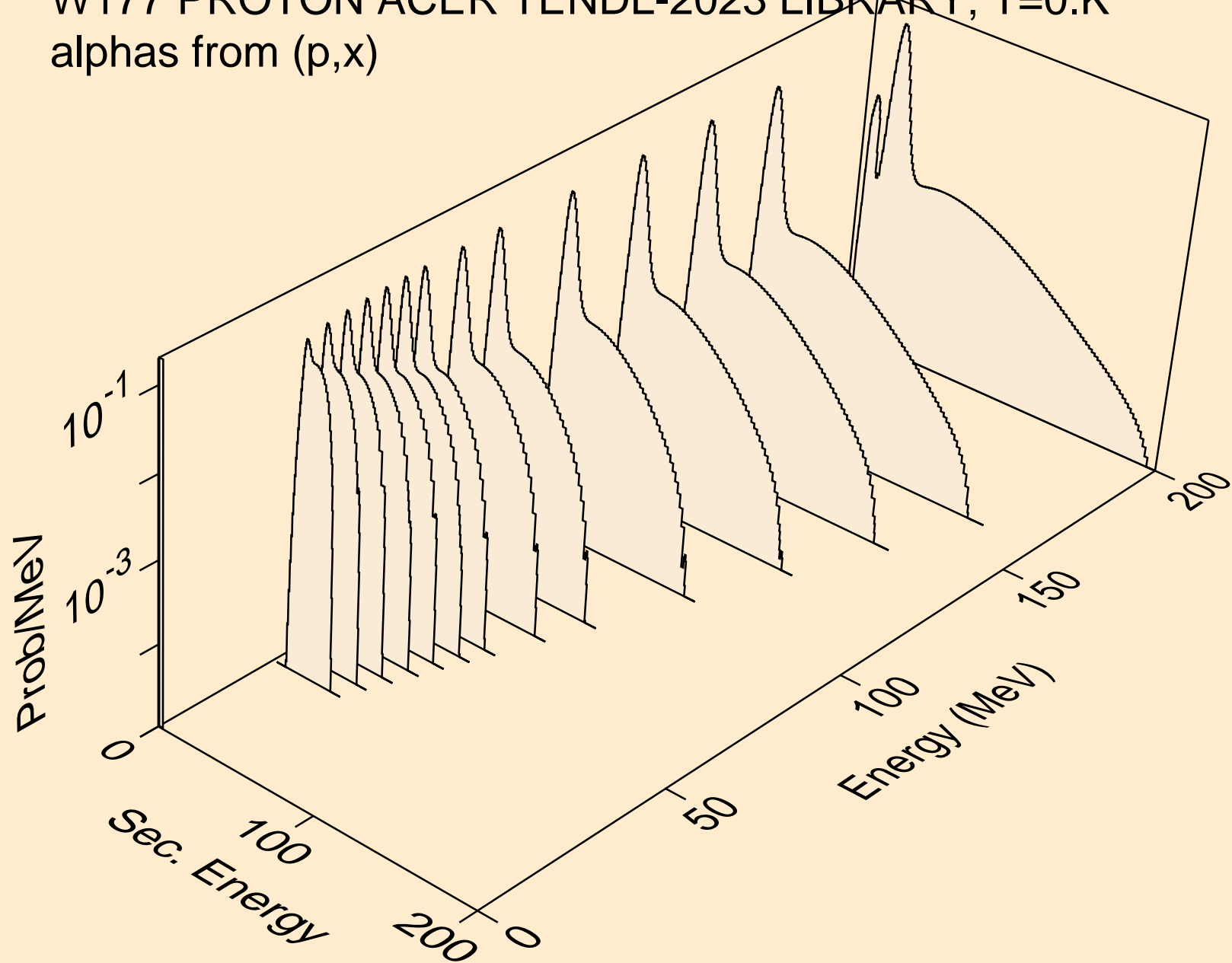
W177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,n\*)he3



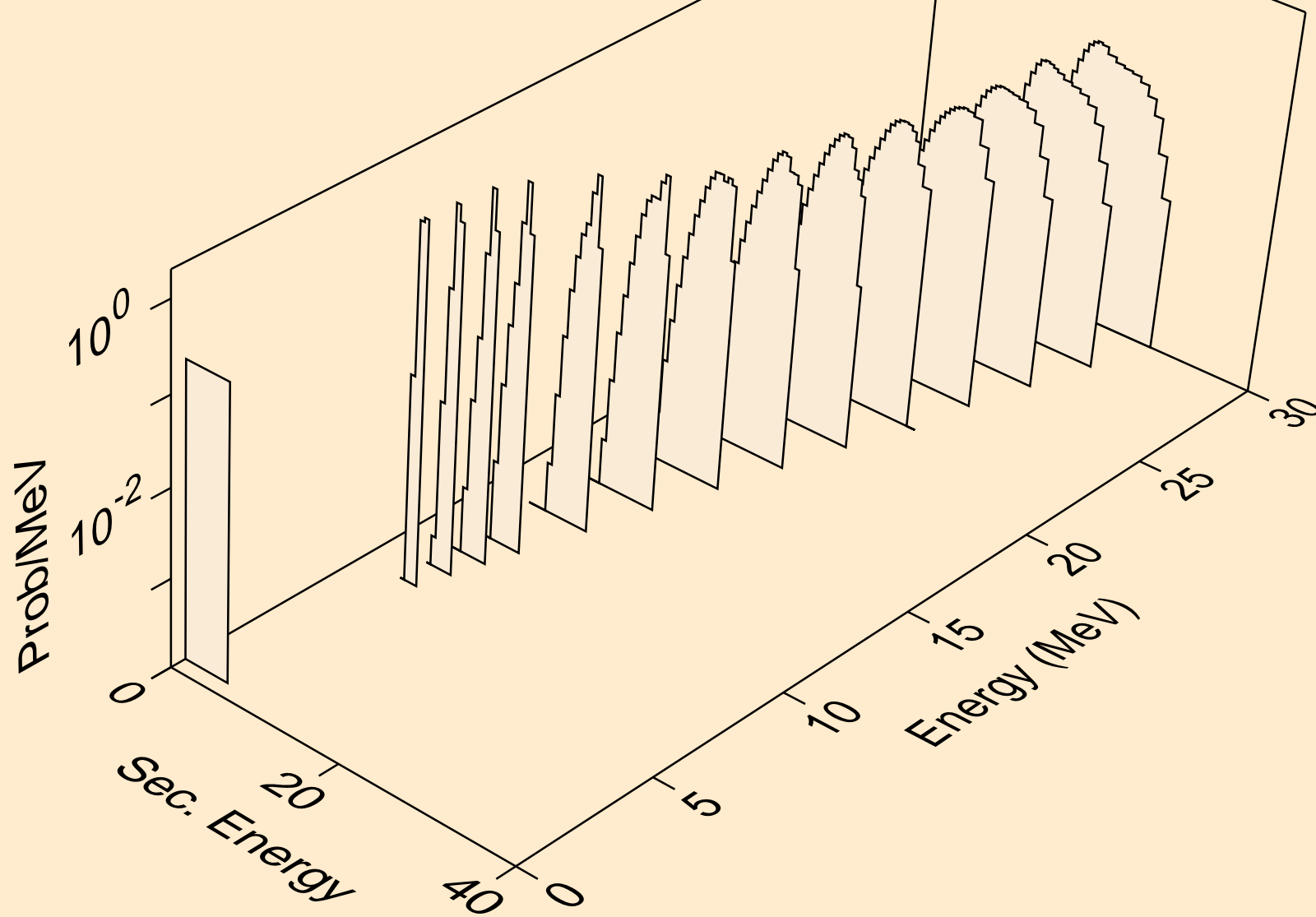
W177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,he3)



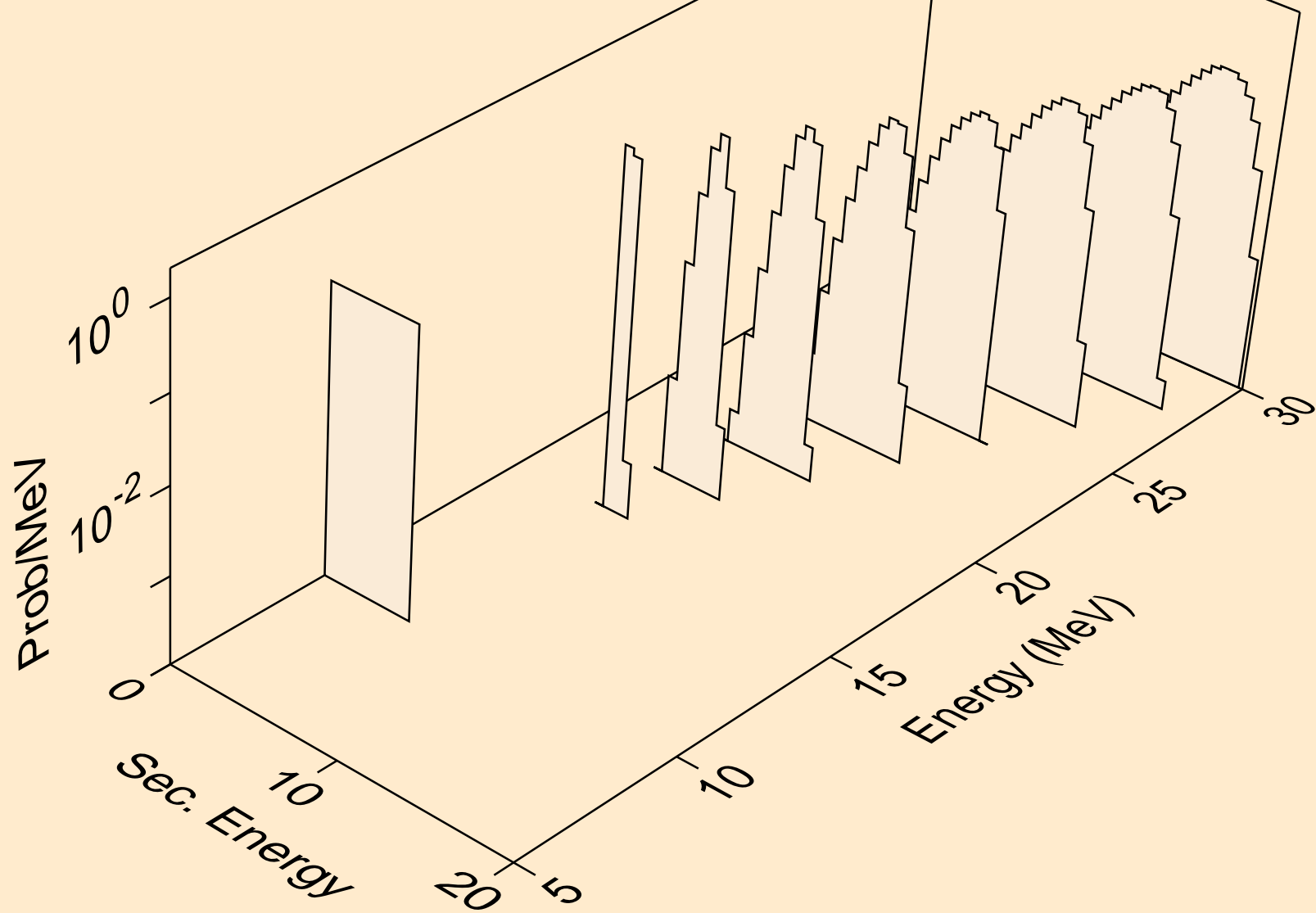
W177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)



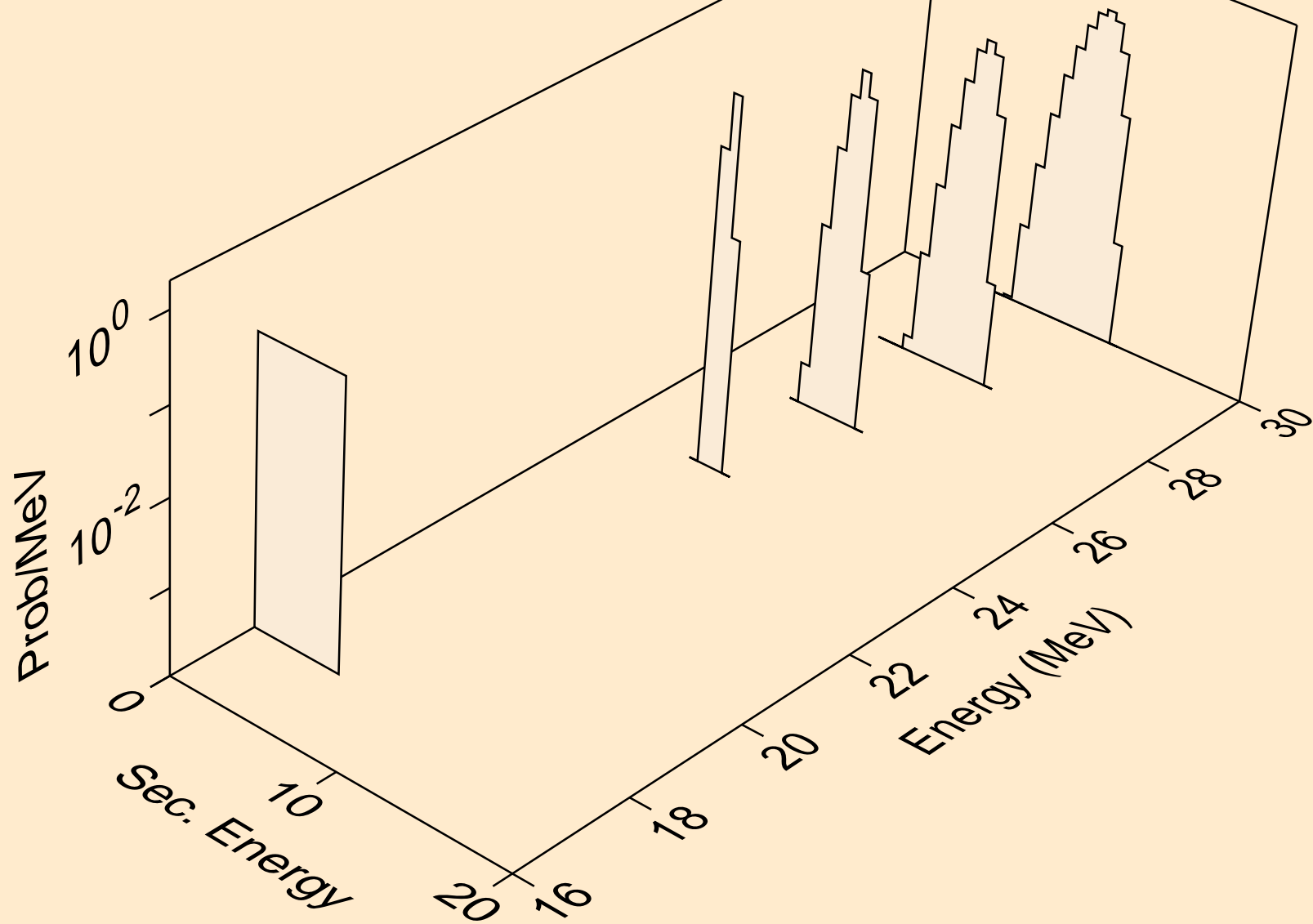
W177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a



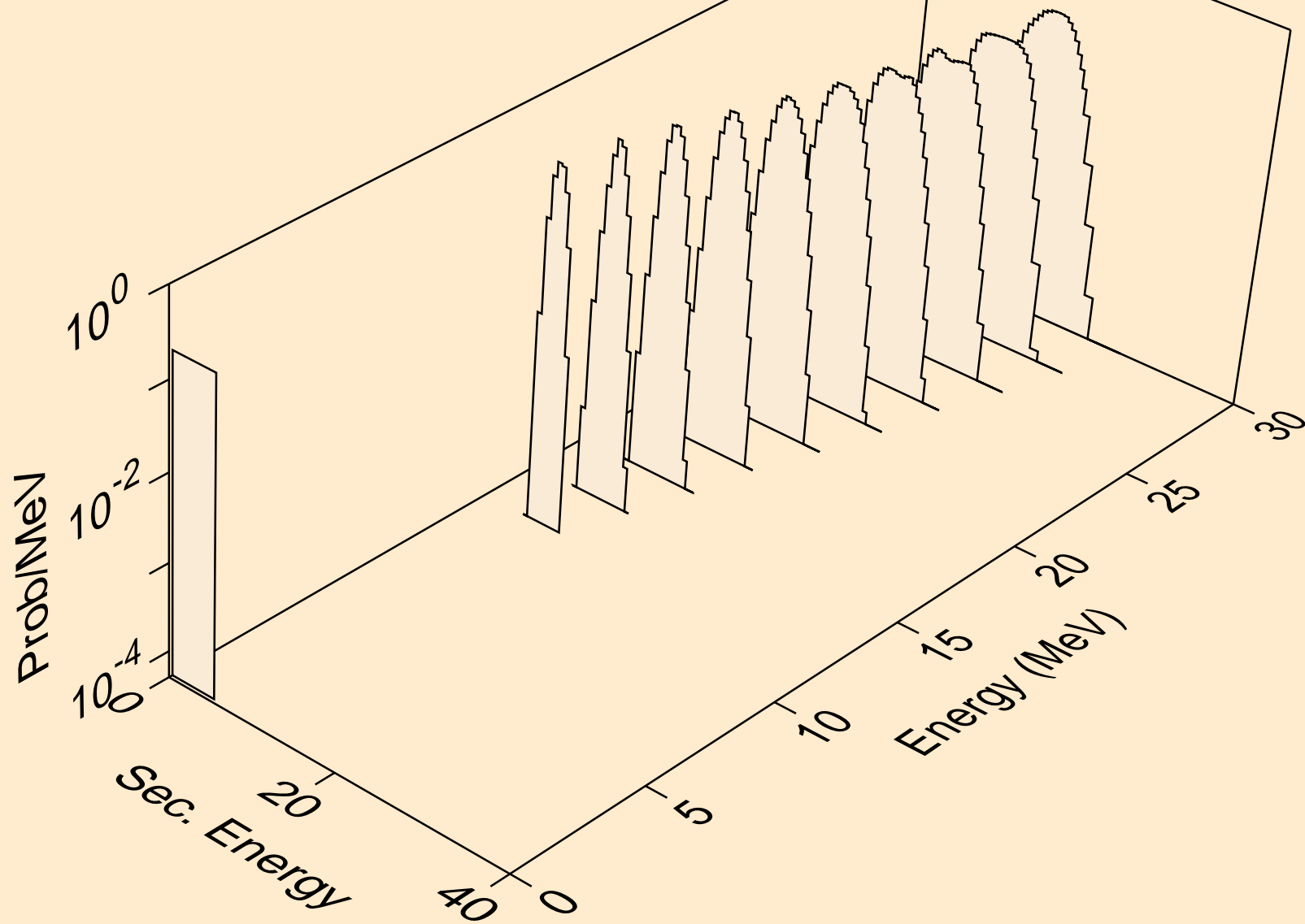
W177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)a



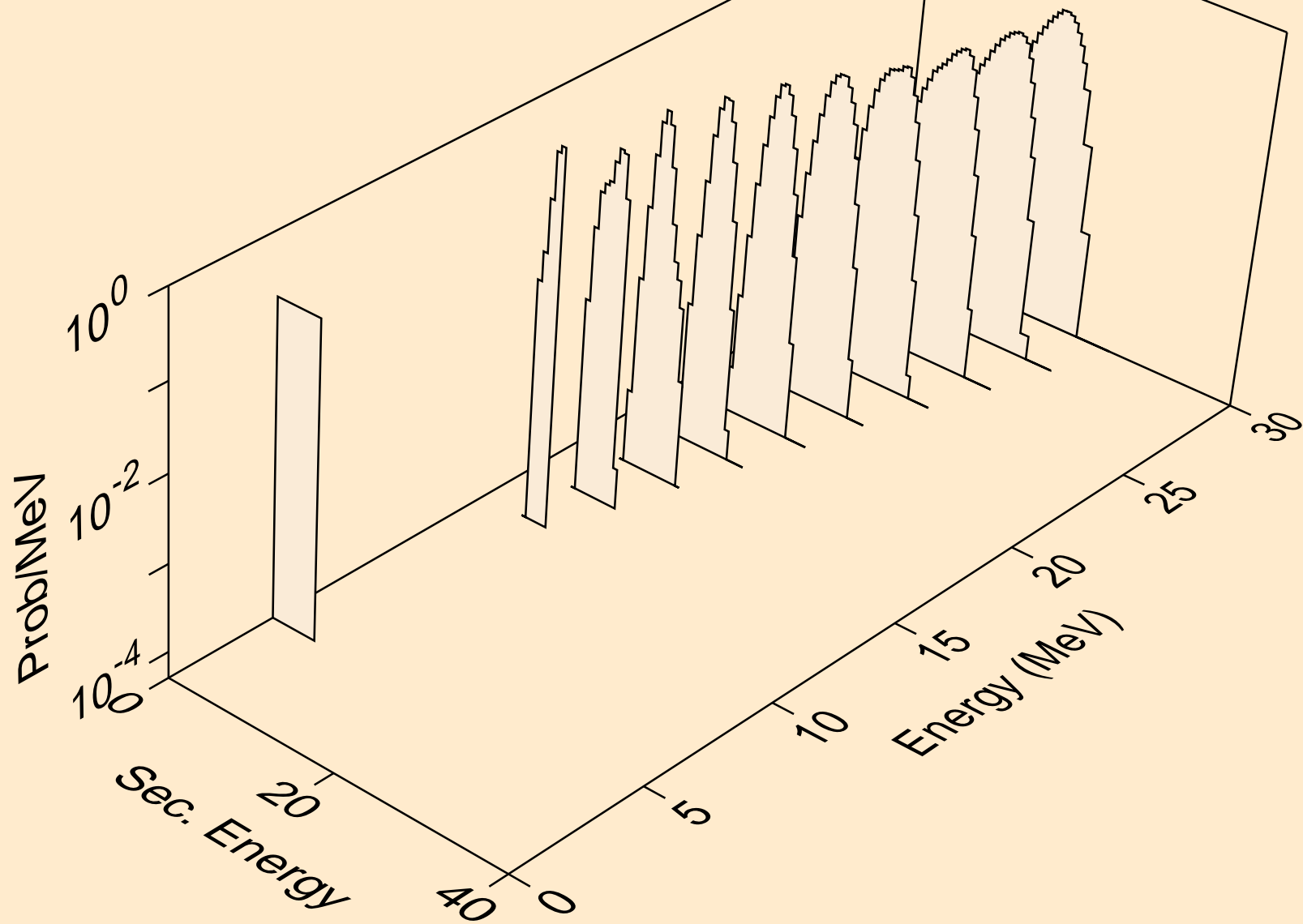
W177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,3n)a



W177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)2a

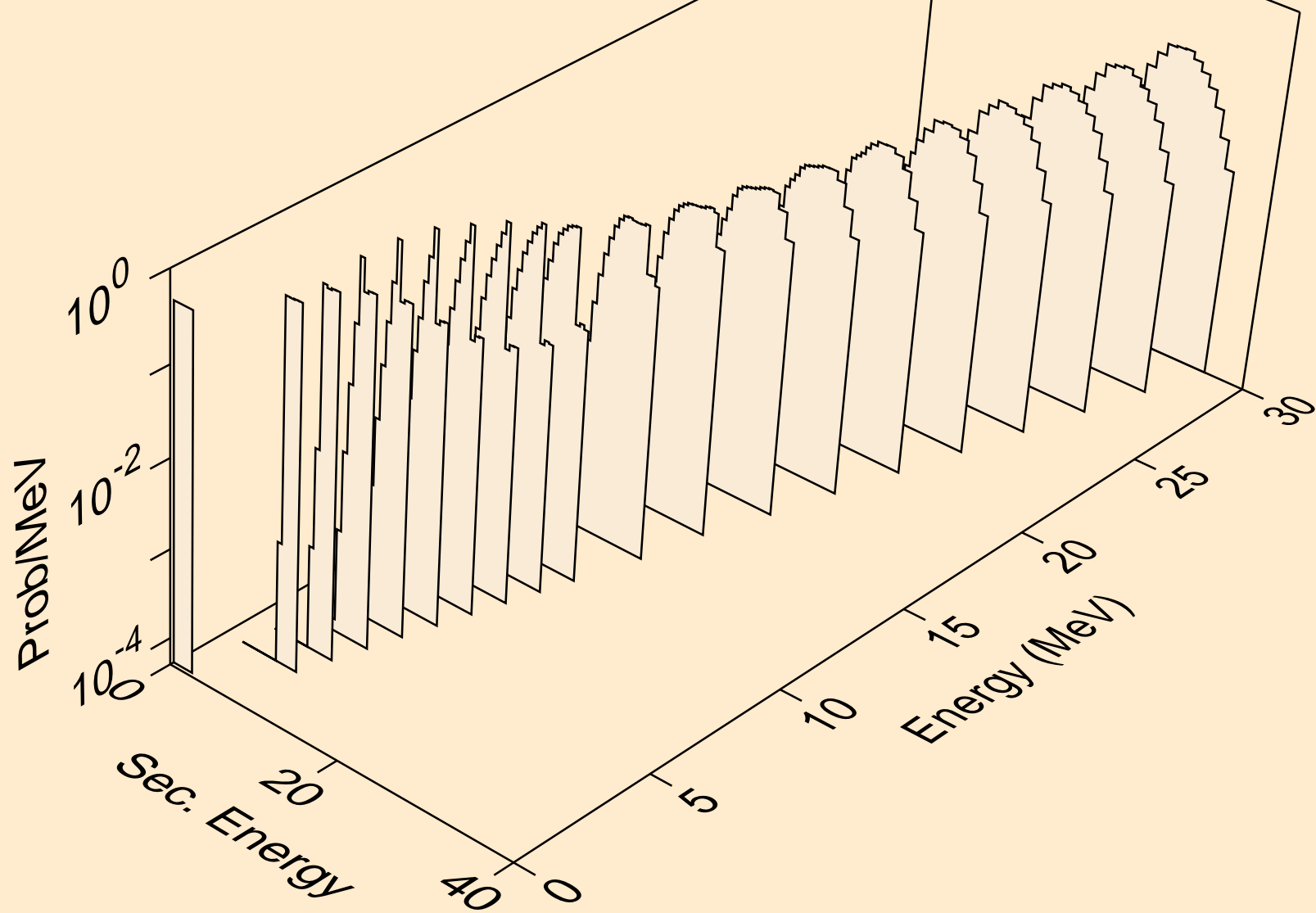


W177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,npa)

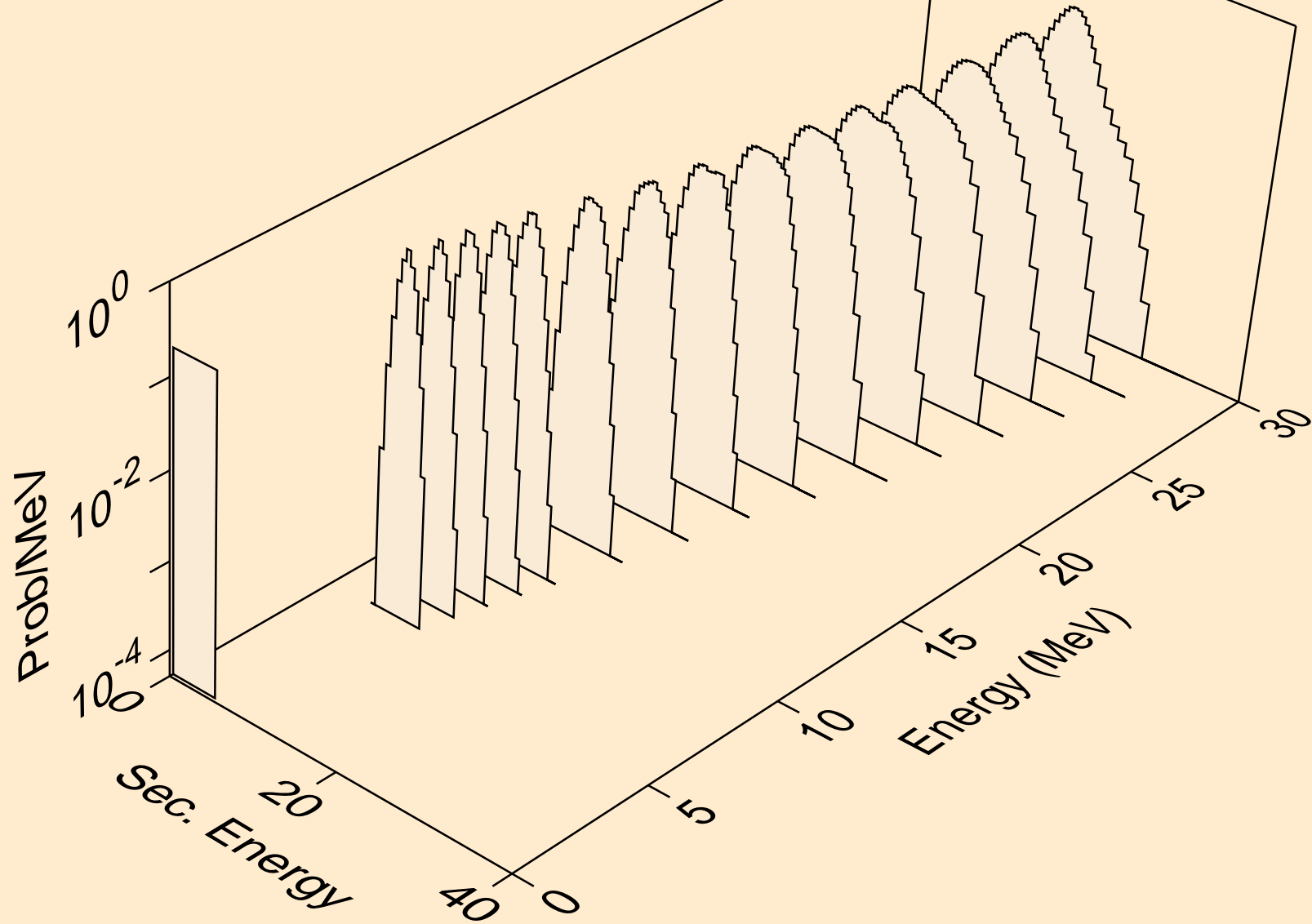




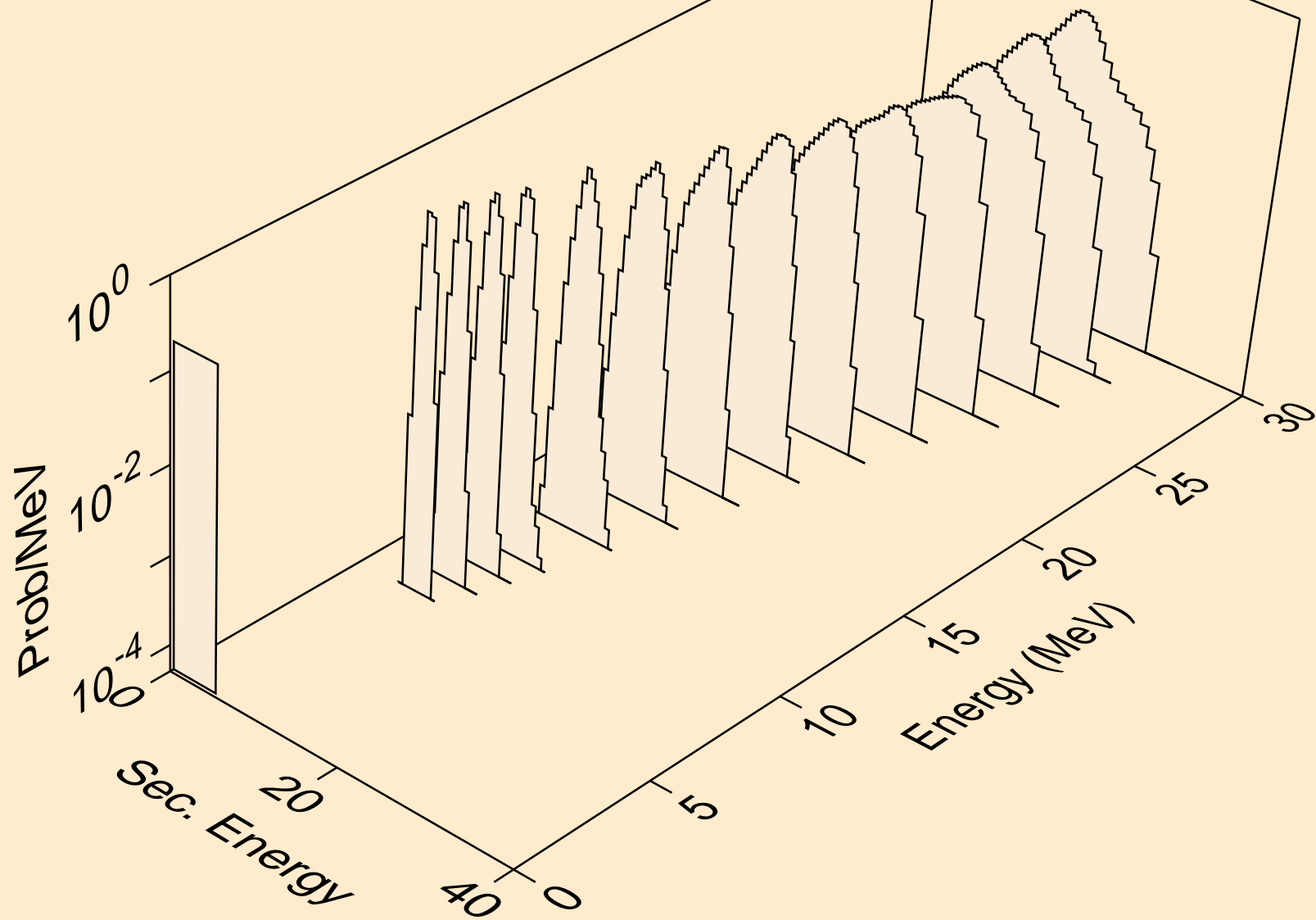
W177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)



W177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2a)



W177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,pa)



W177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,da)

