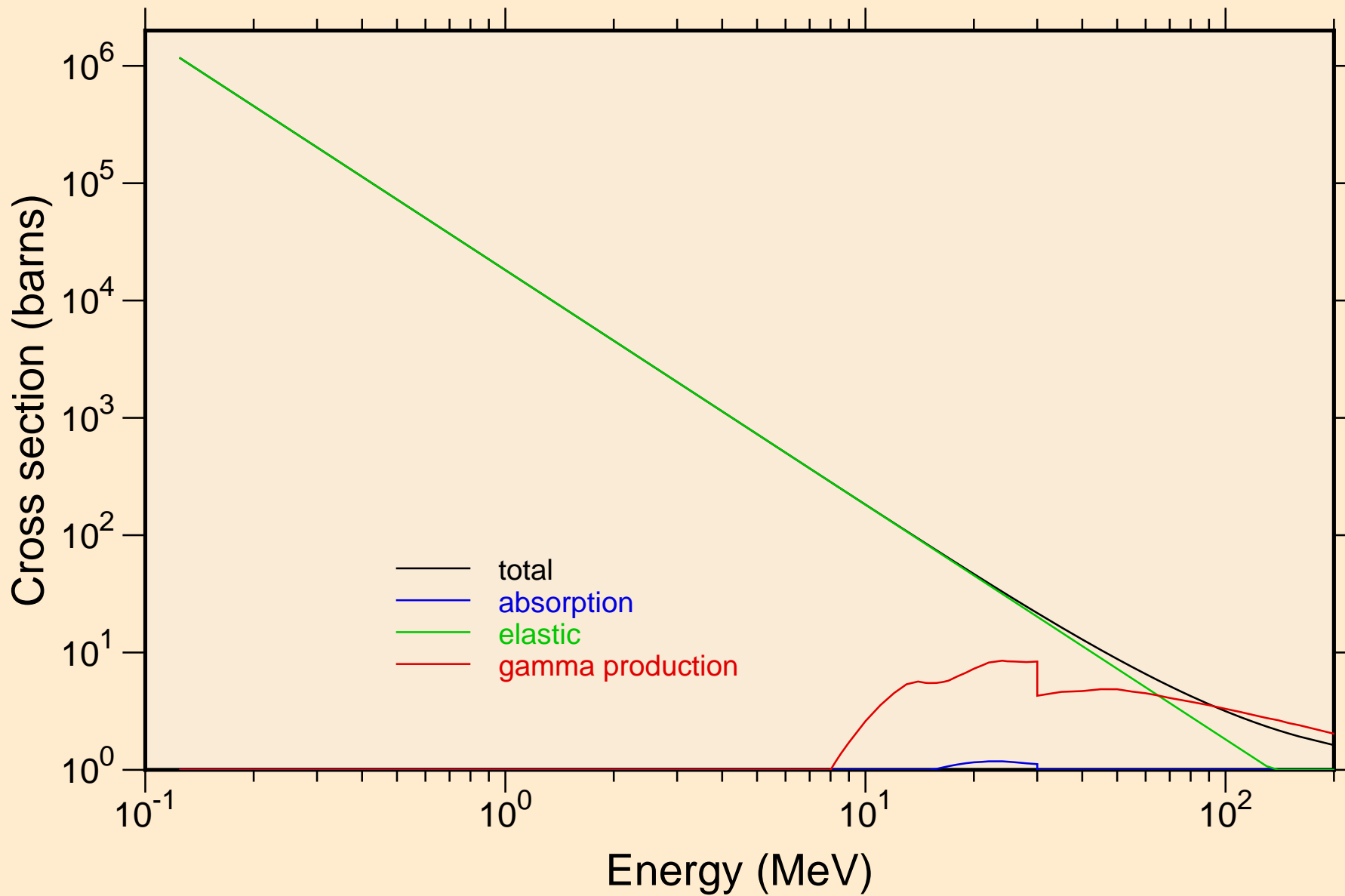
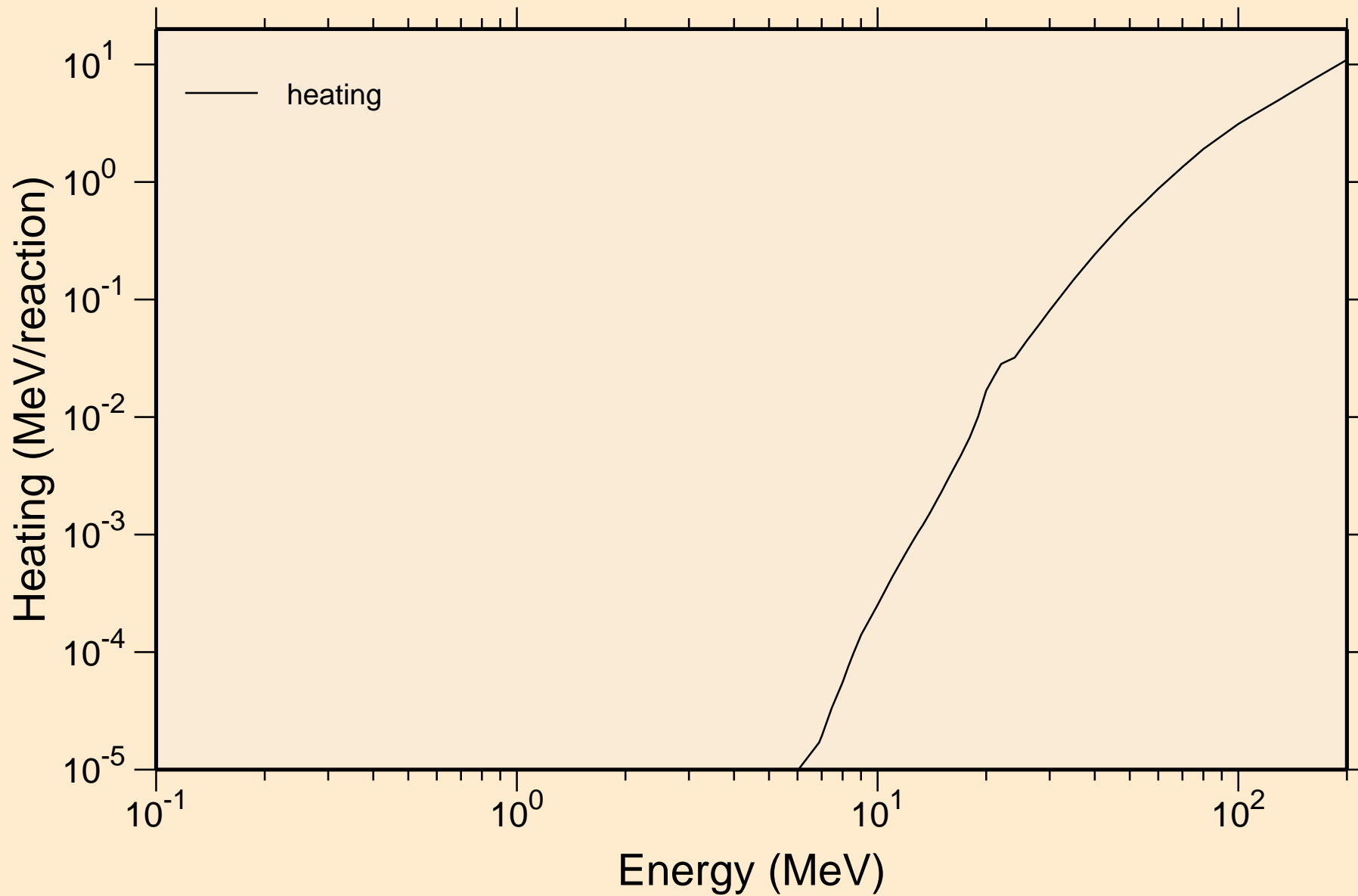


# XE127M PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

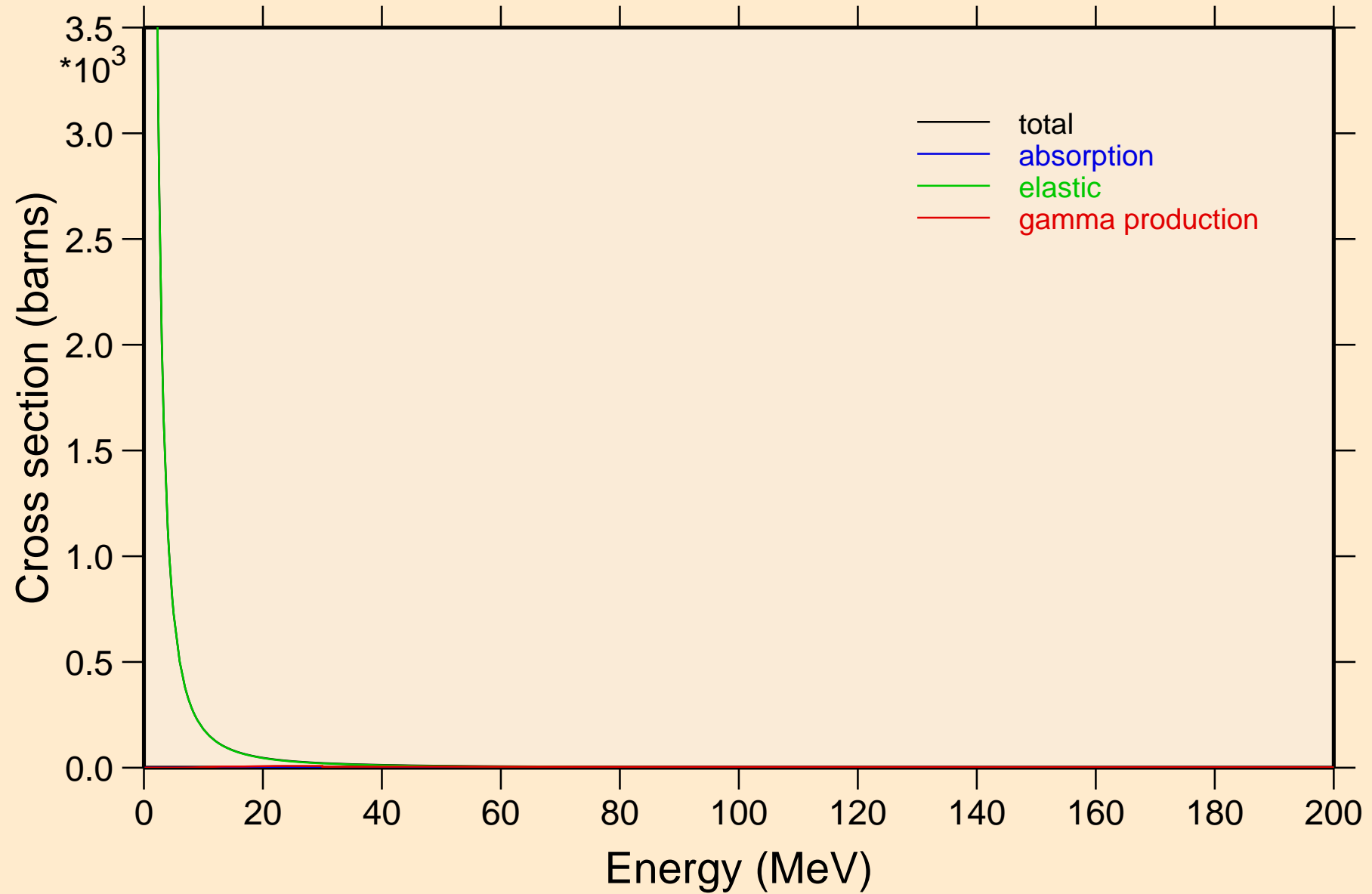


XE127M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Heating



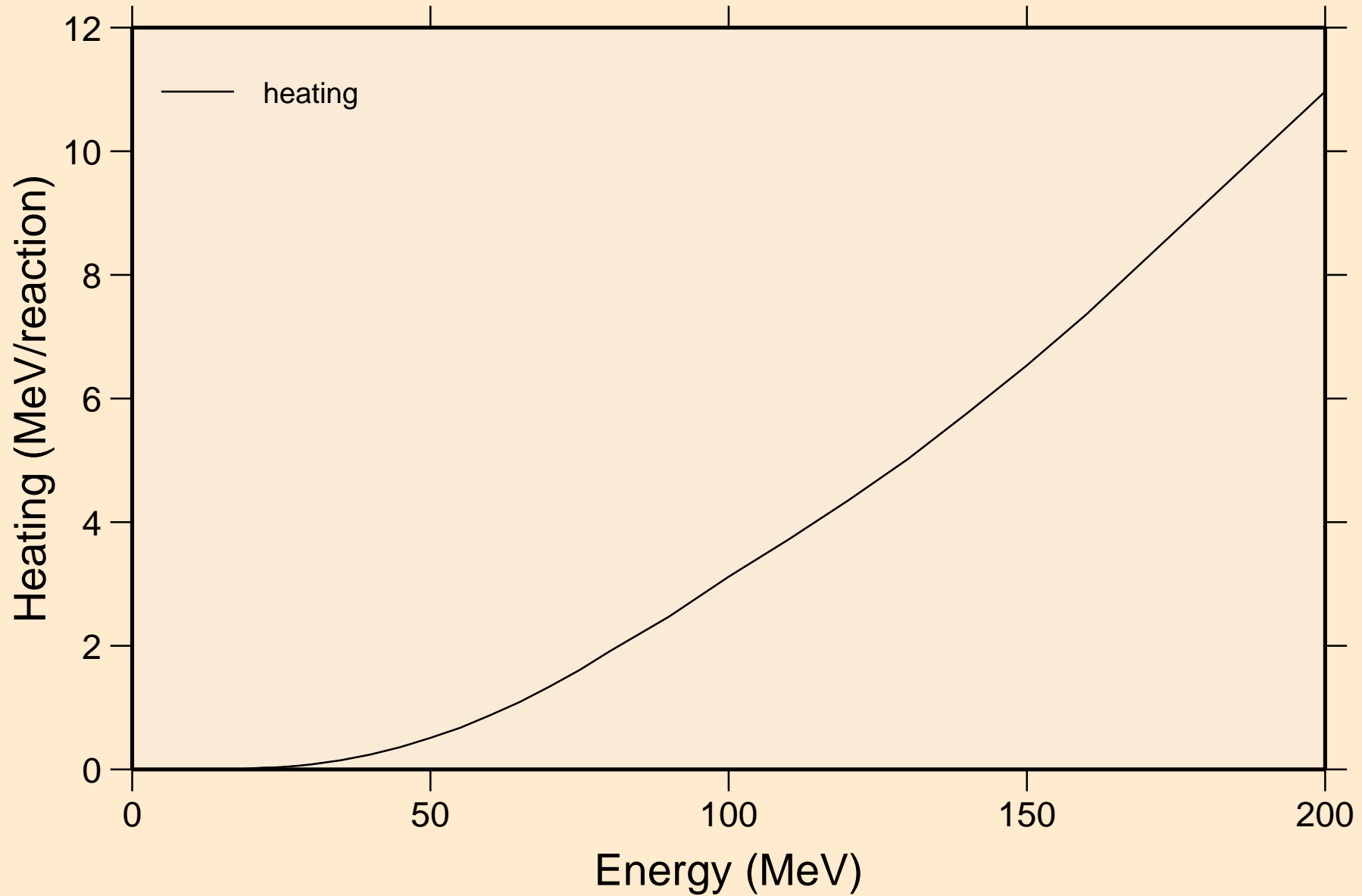
# XE127M PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



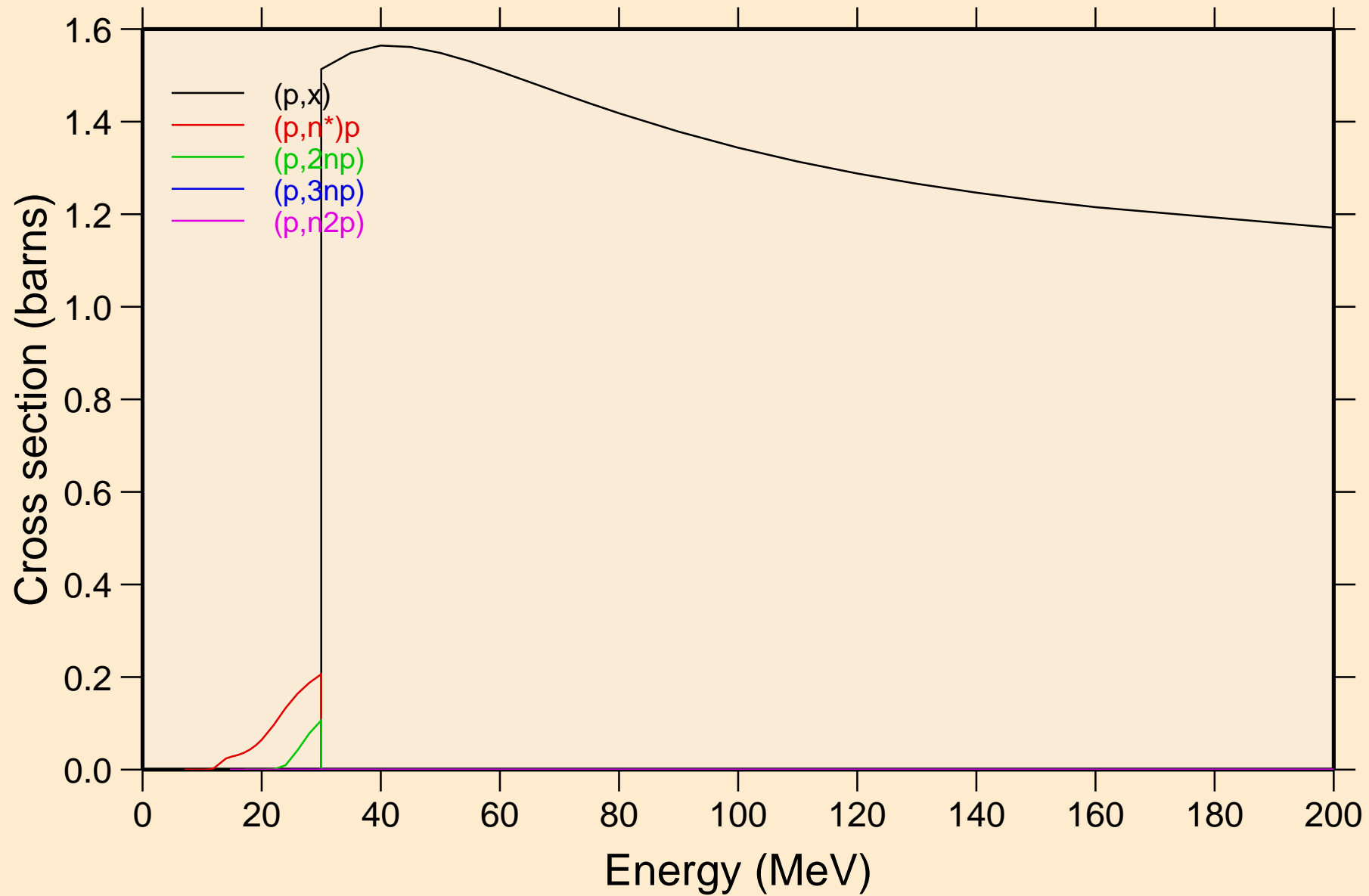
XE127M PROTON ACER TENDL-2023 LIBRARY; T=0.K

Heating

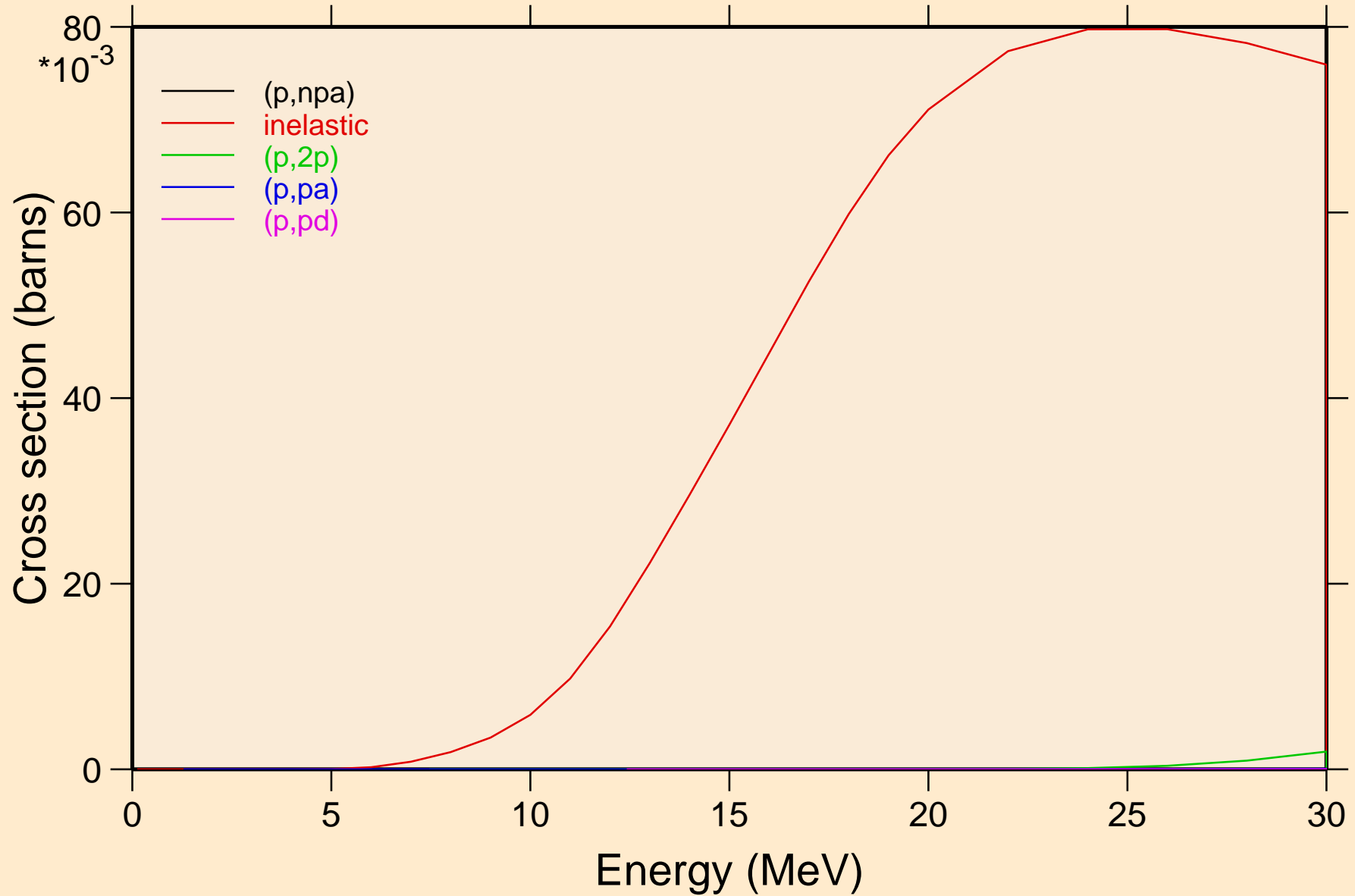


# XE127M PROTON ACER TENDL-2023 LIBRARY; T=0.K

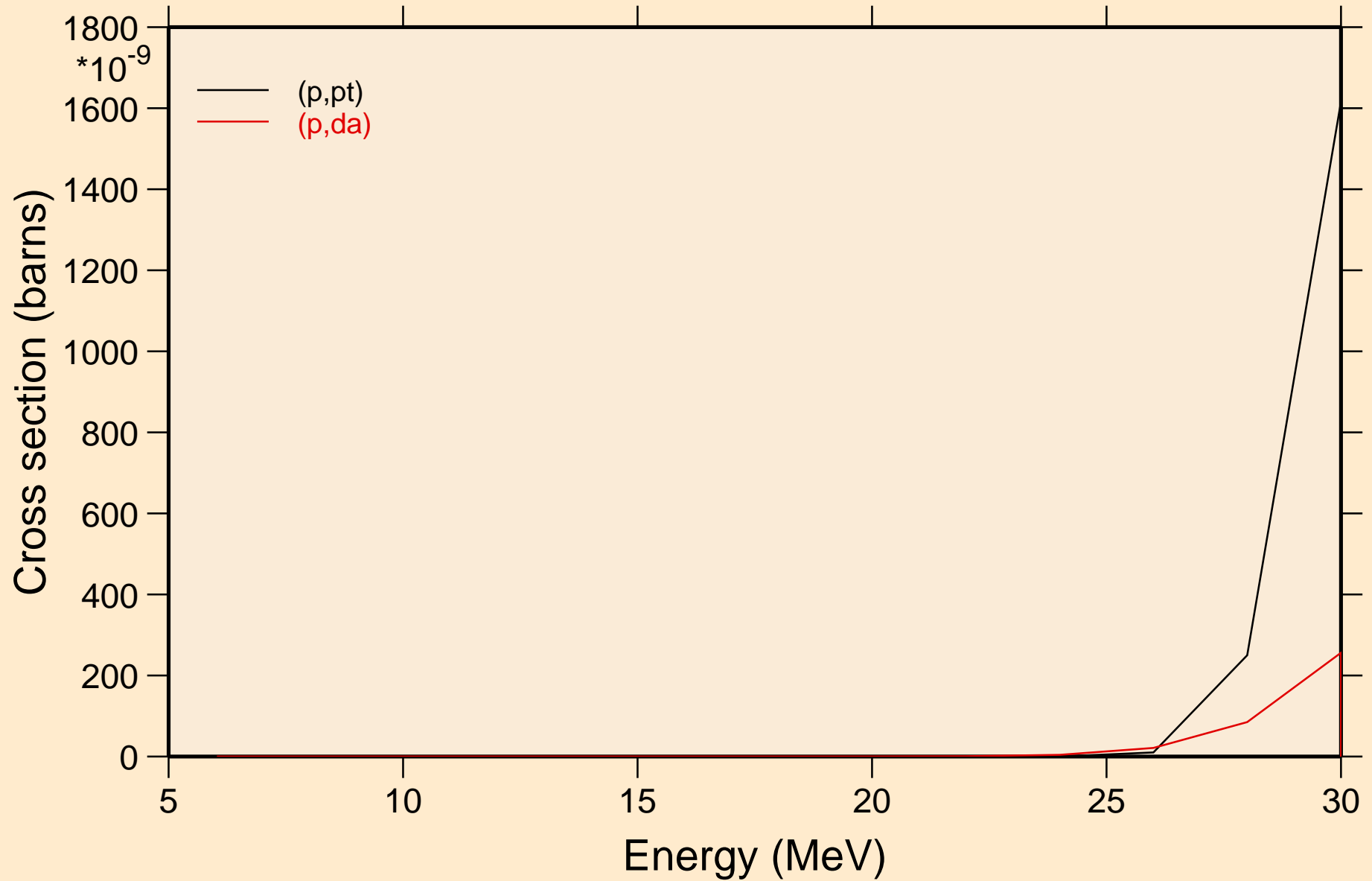
## Threshold reactions



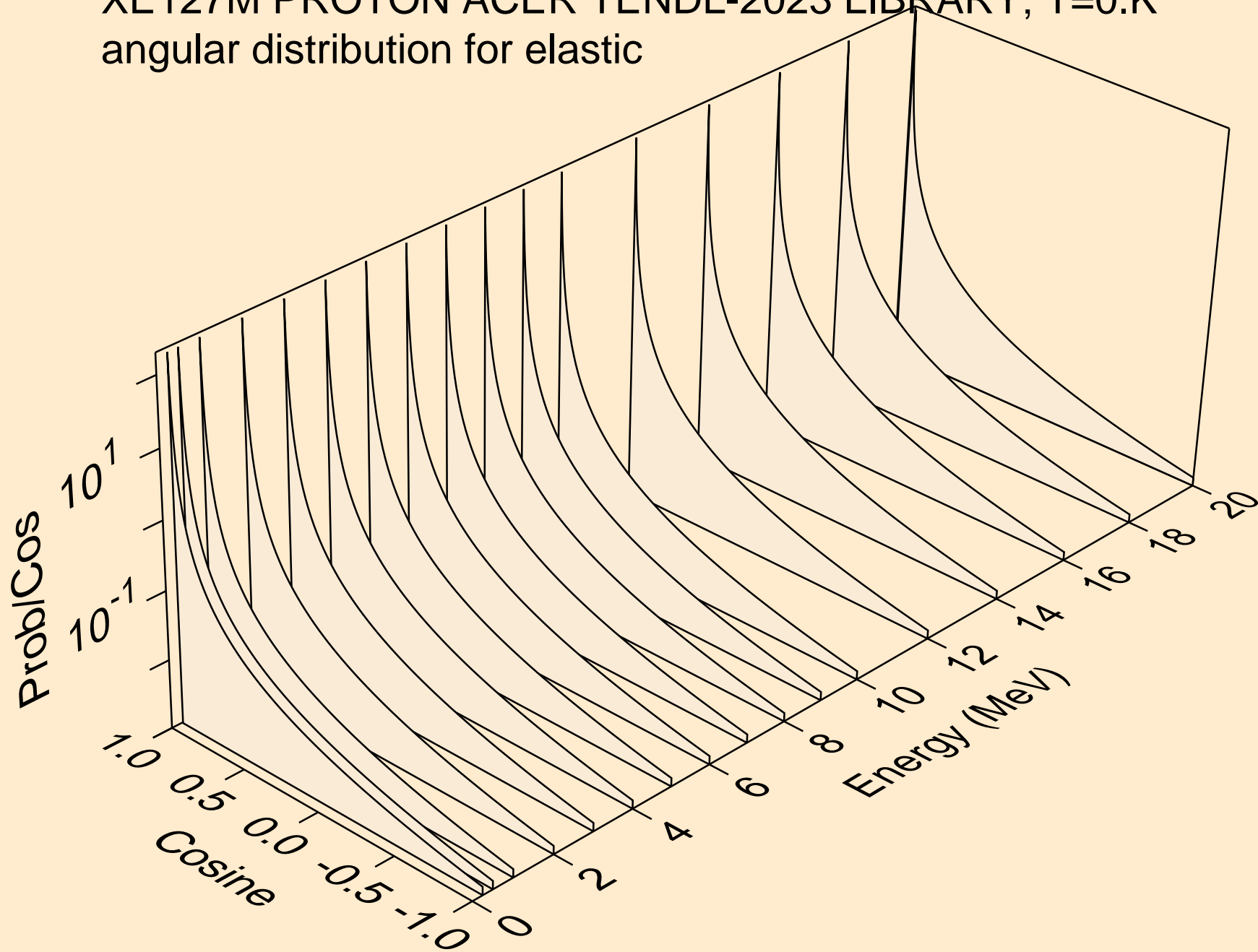
XE127M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



XE127M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

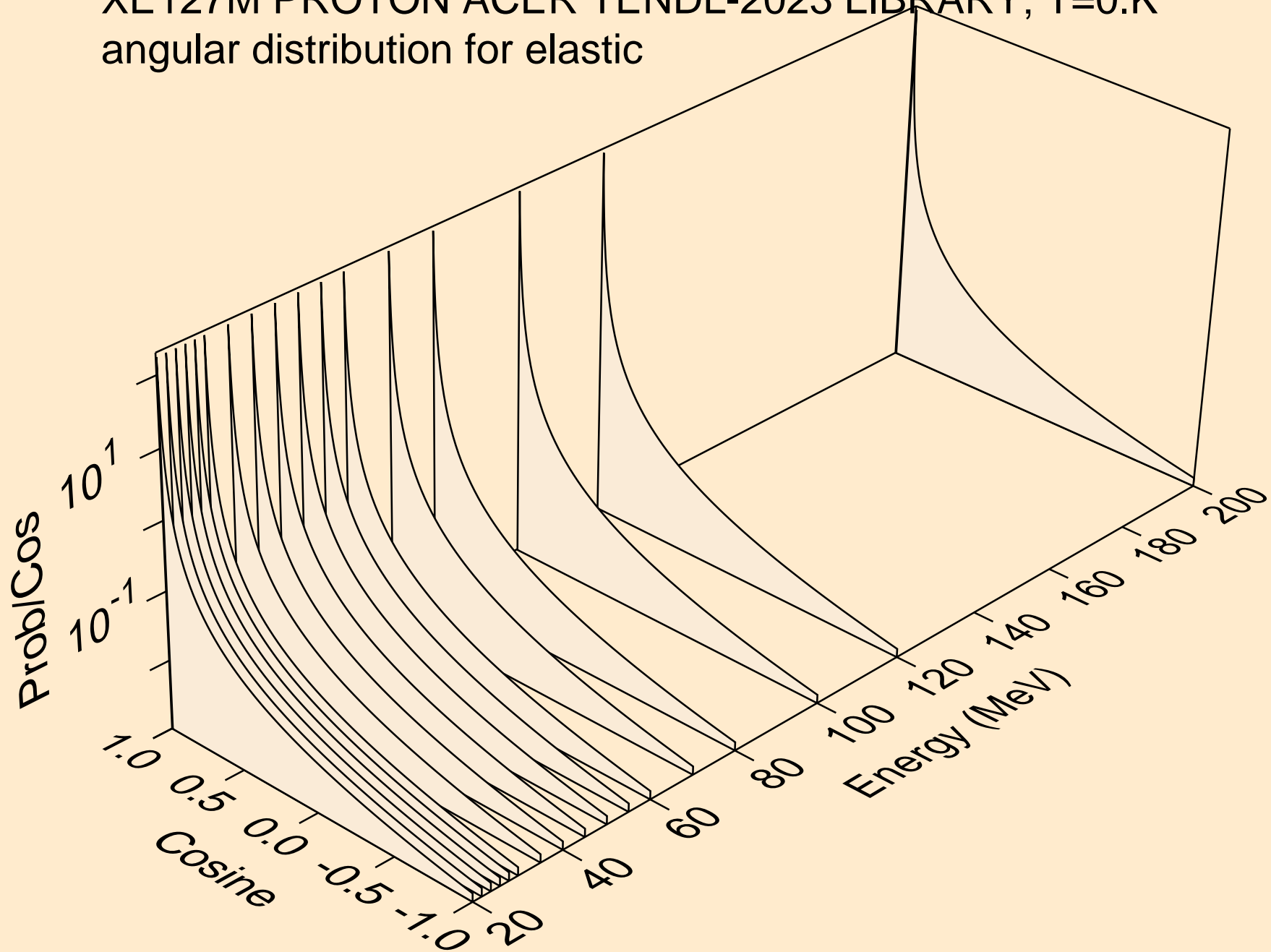


XE127M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

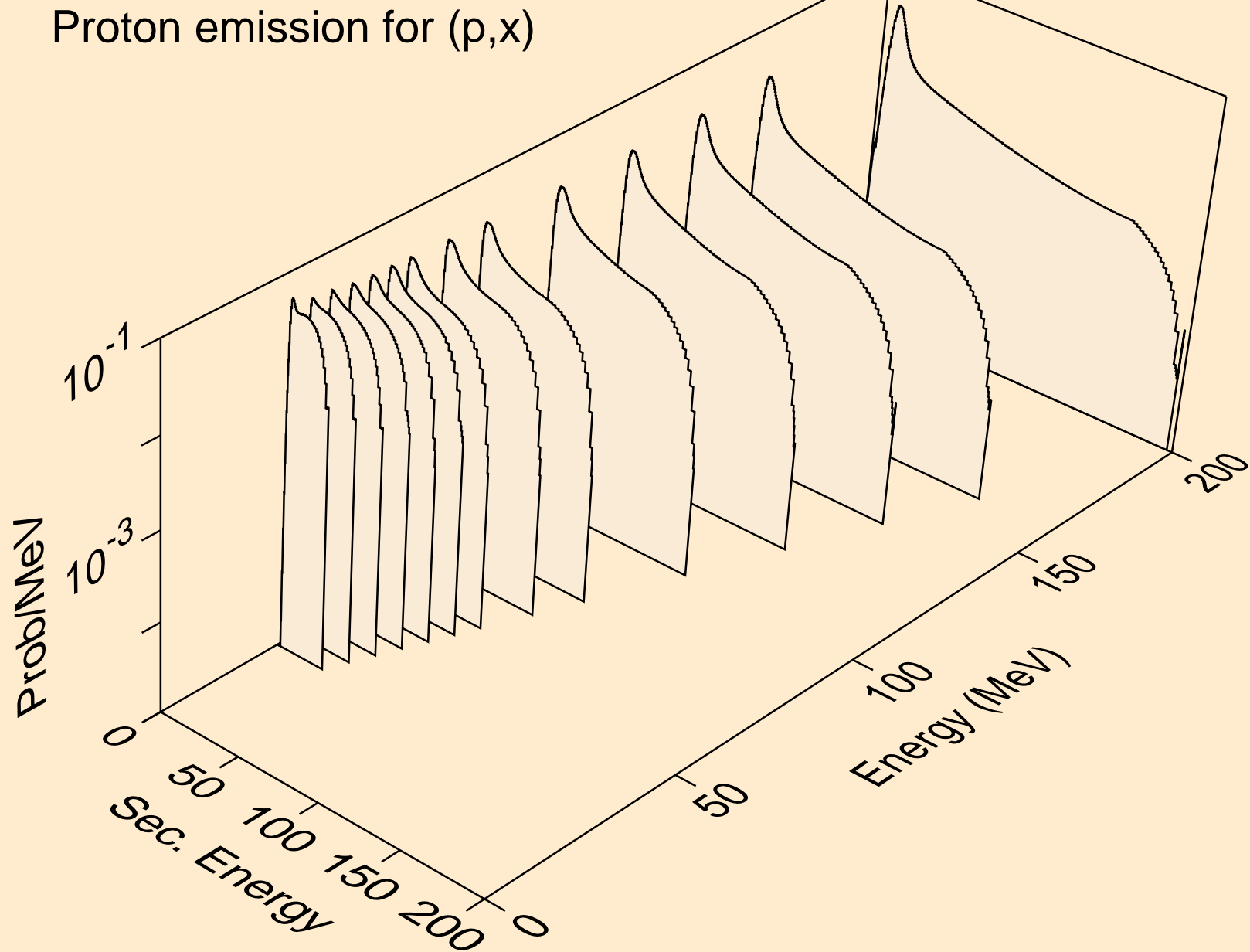




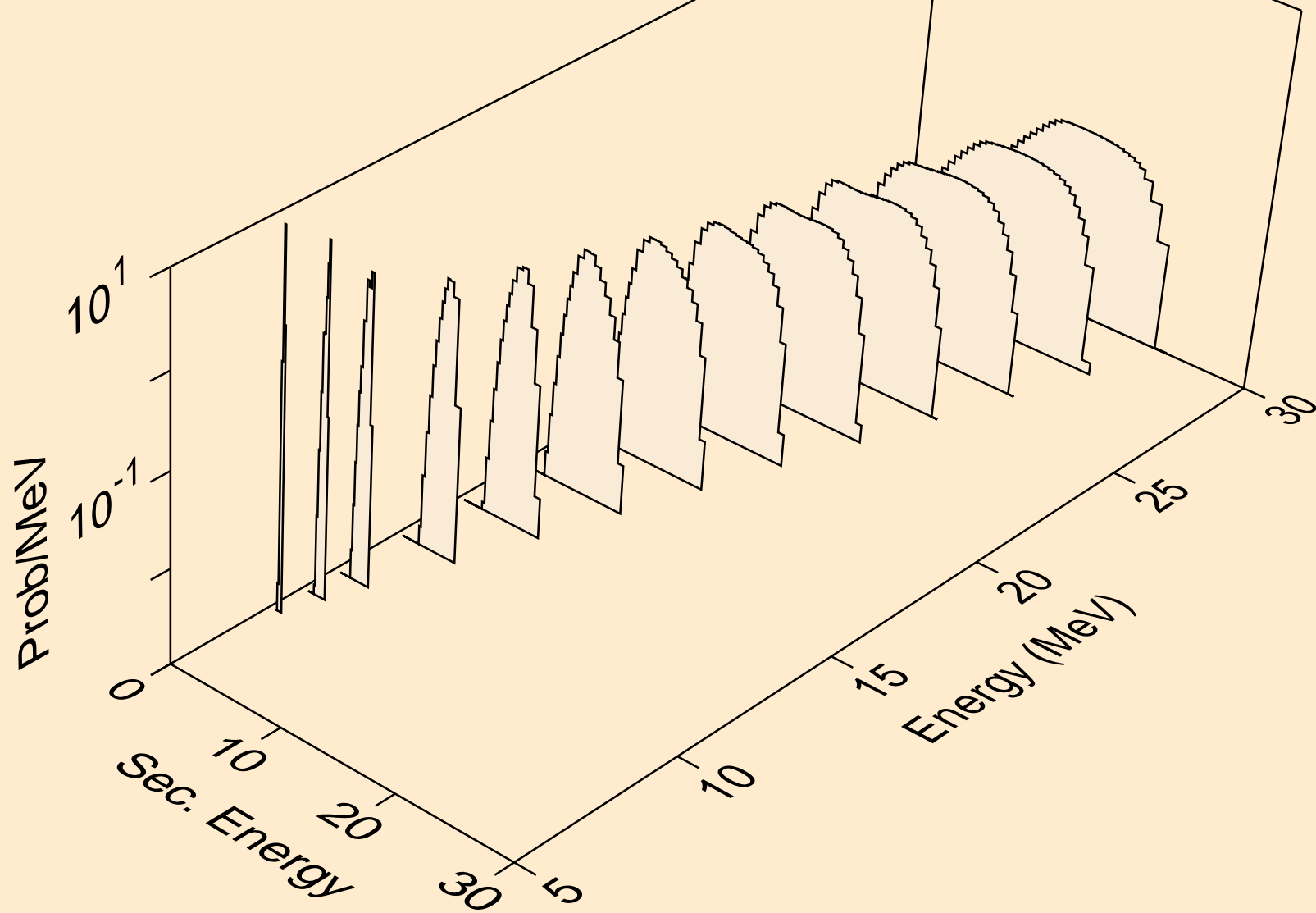
XE127M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



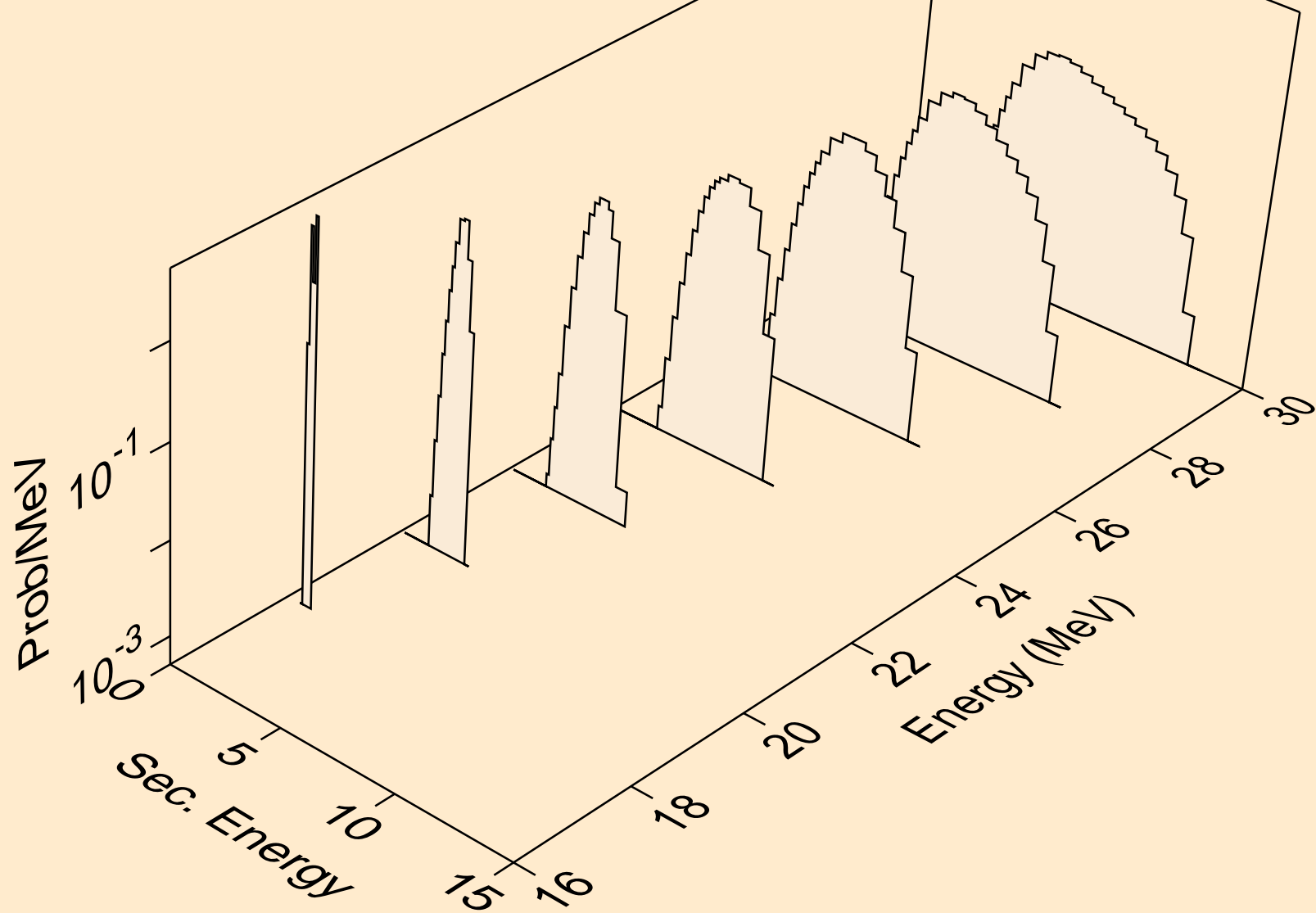
XE127M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



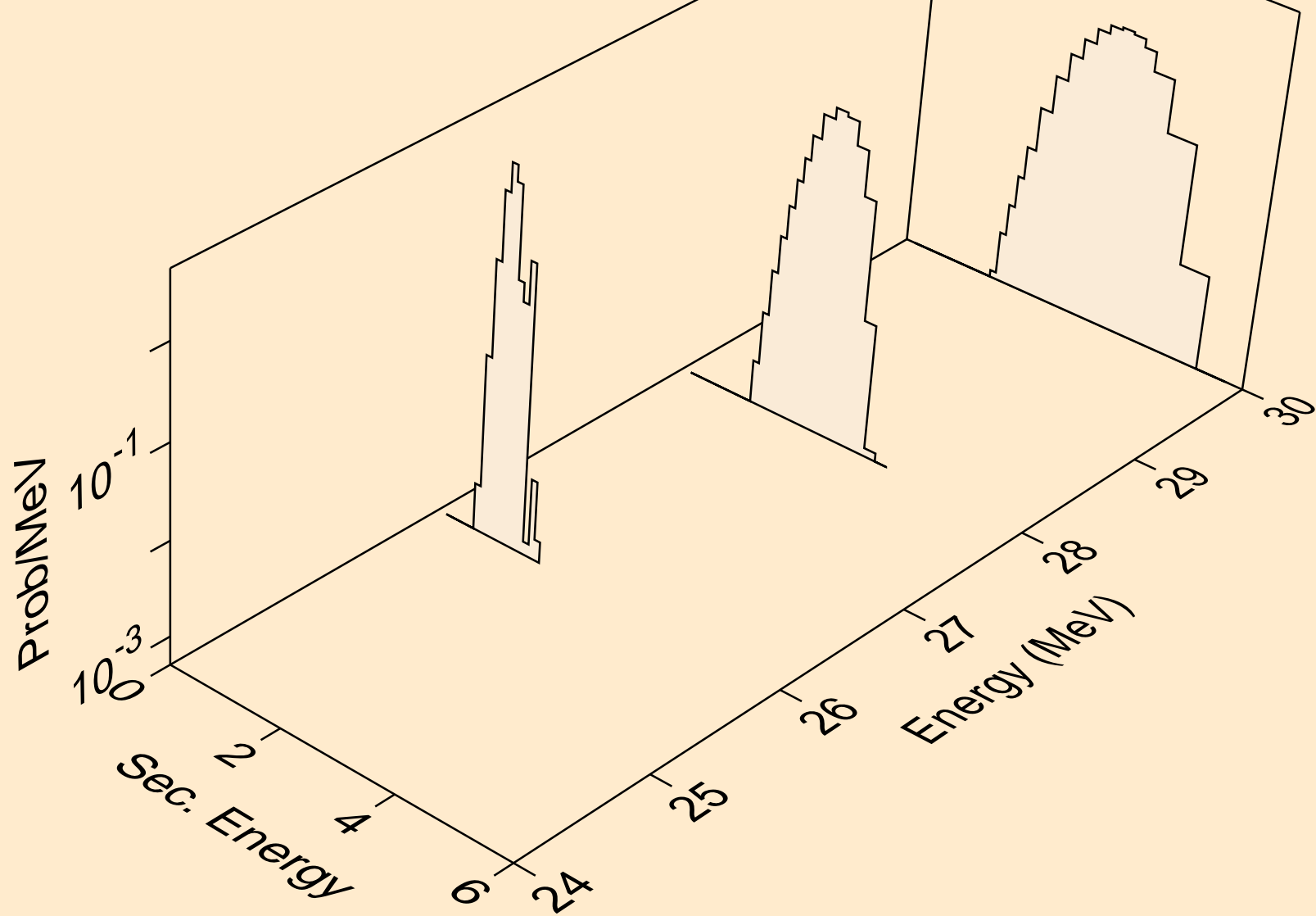
XE127M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



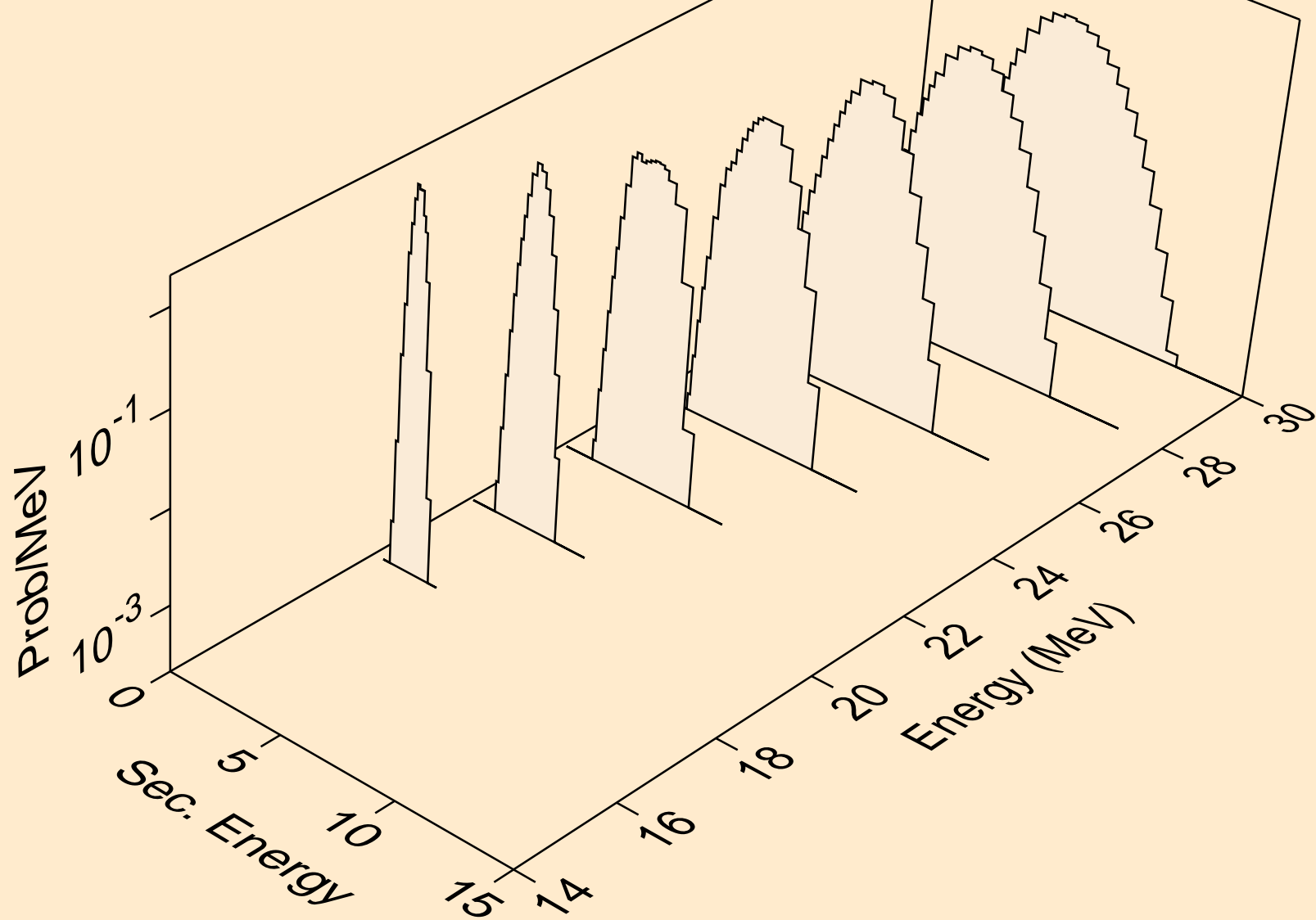
XE127M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



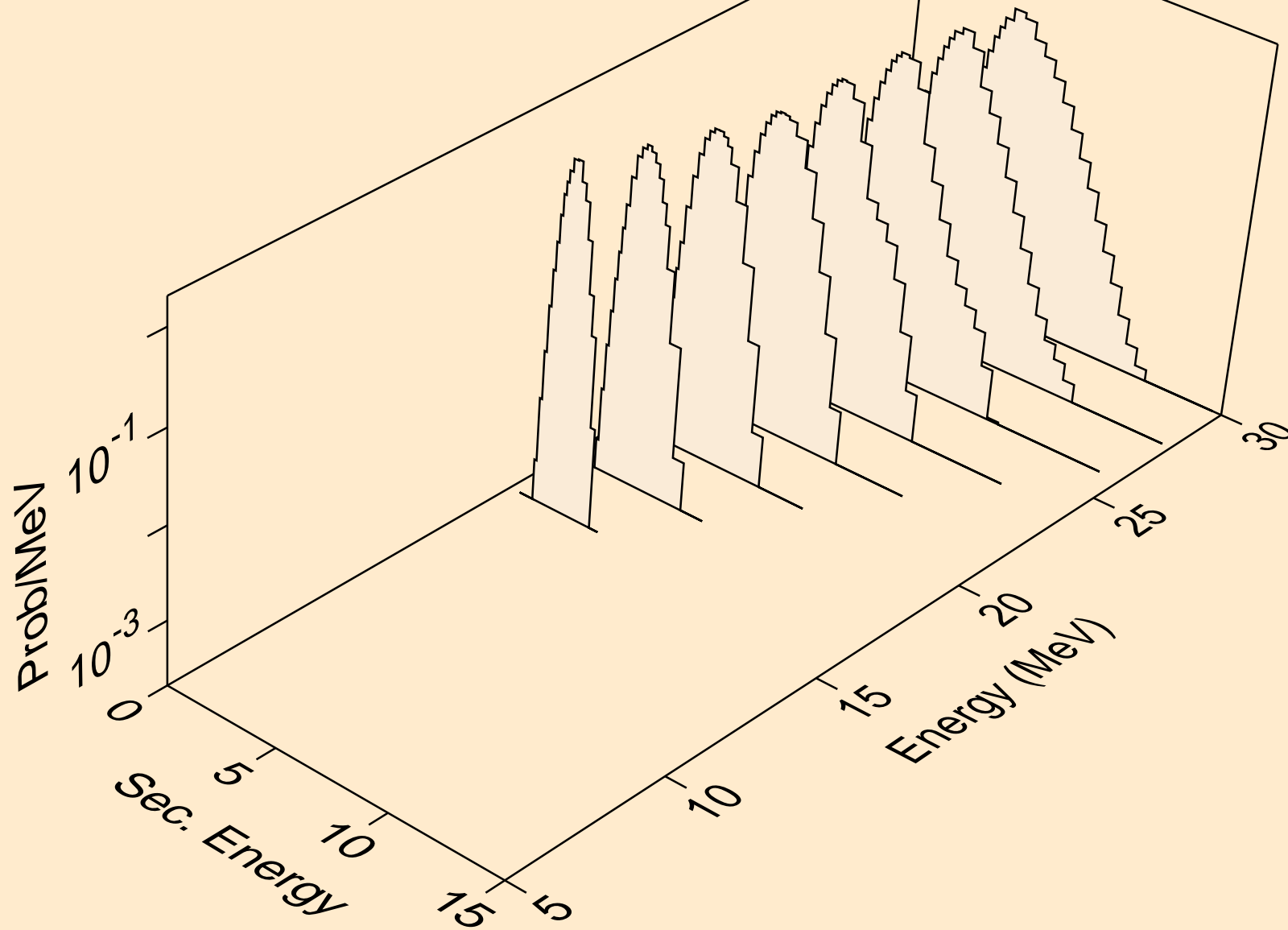
XE127M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,3np)



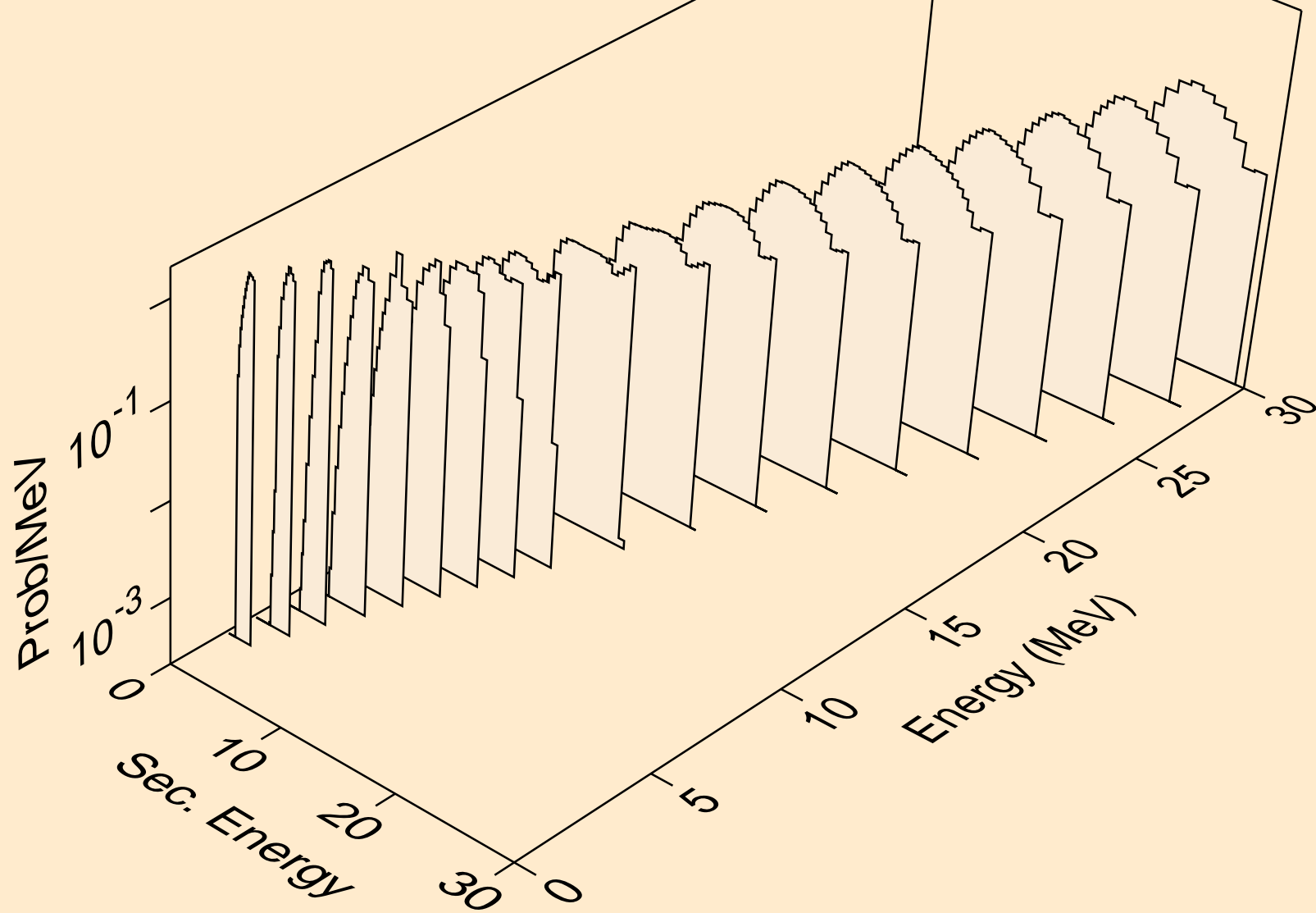
XE127M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)



XE127M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,npa)

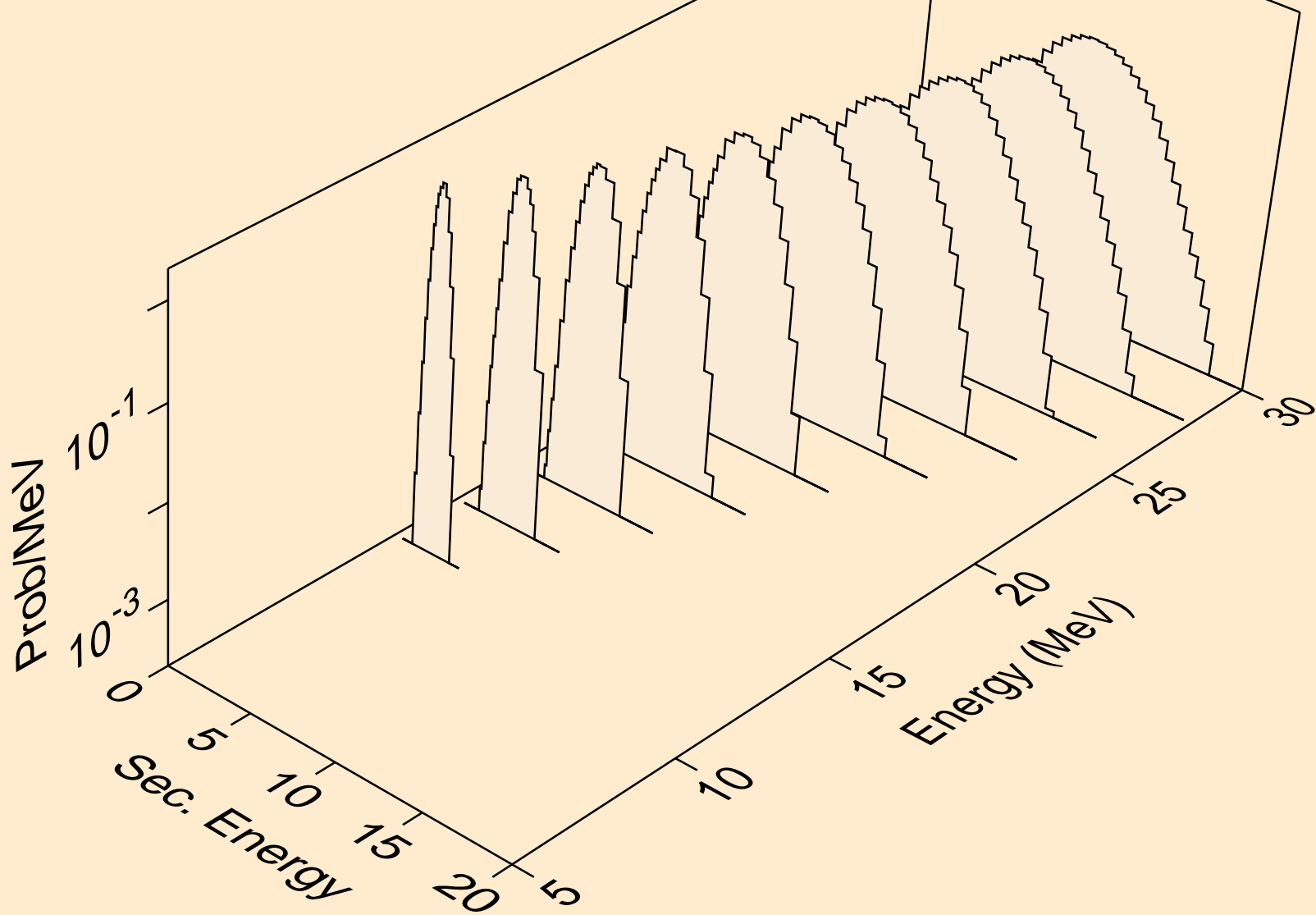


XE127M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic

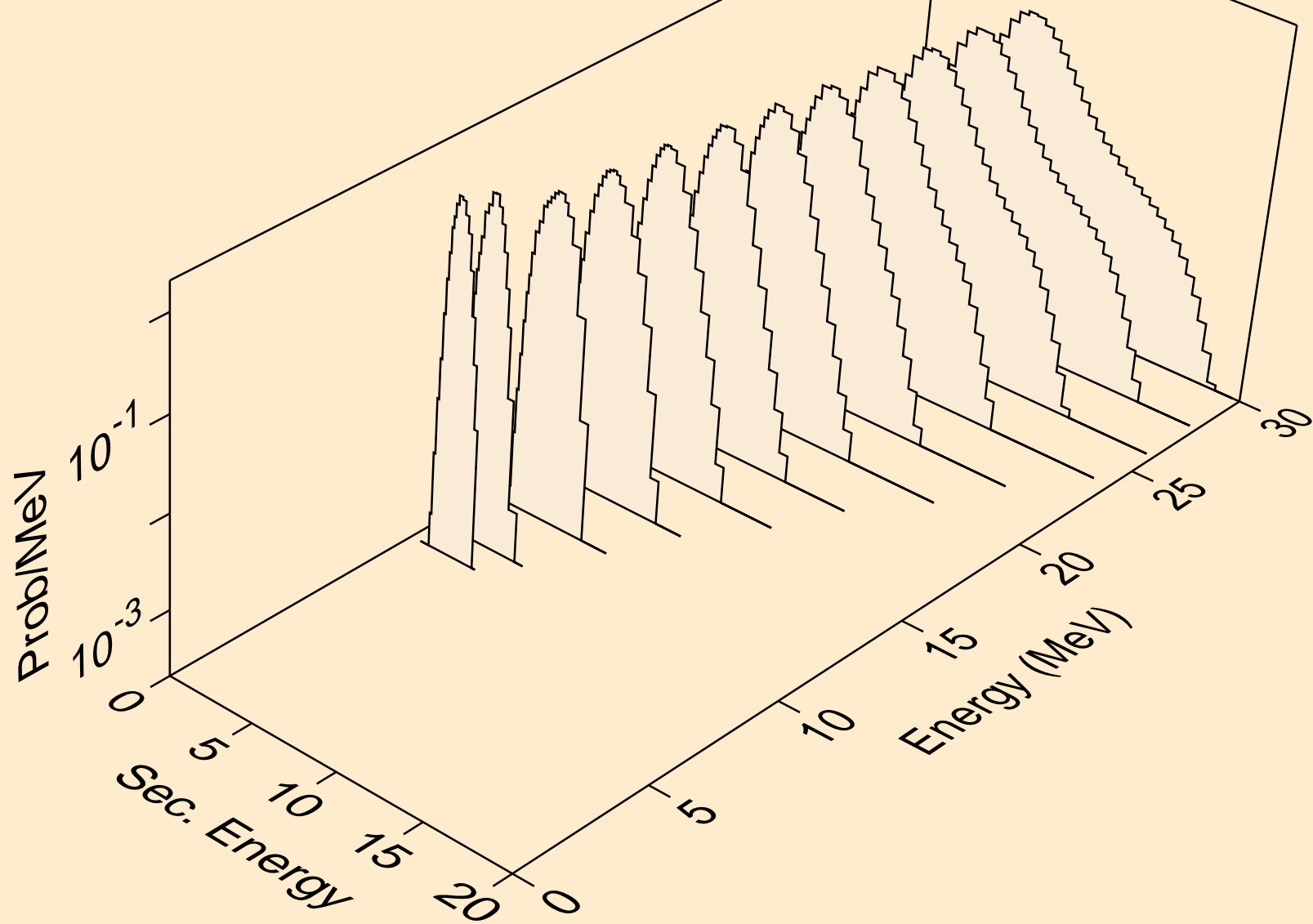




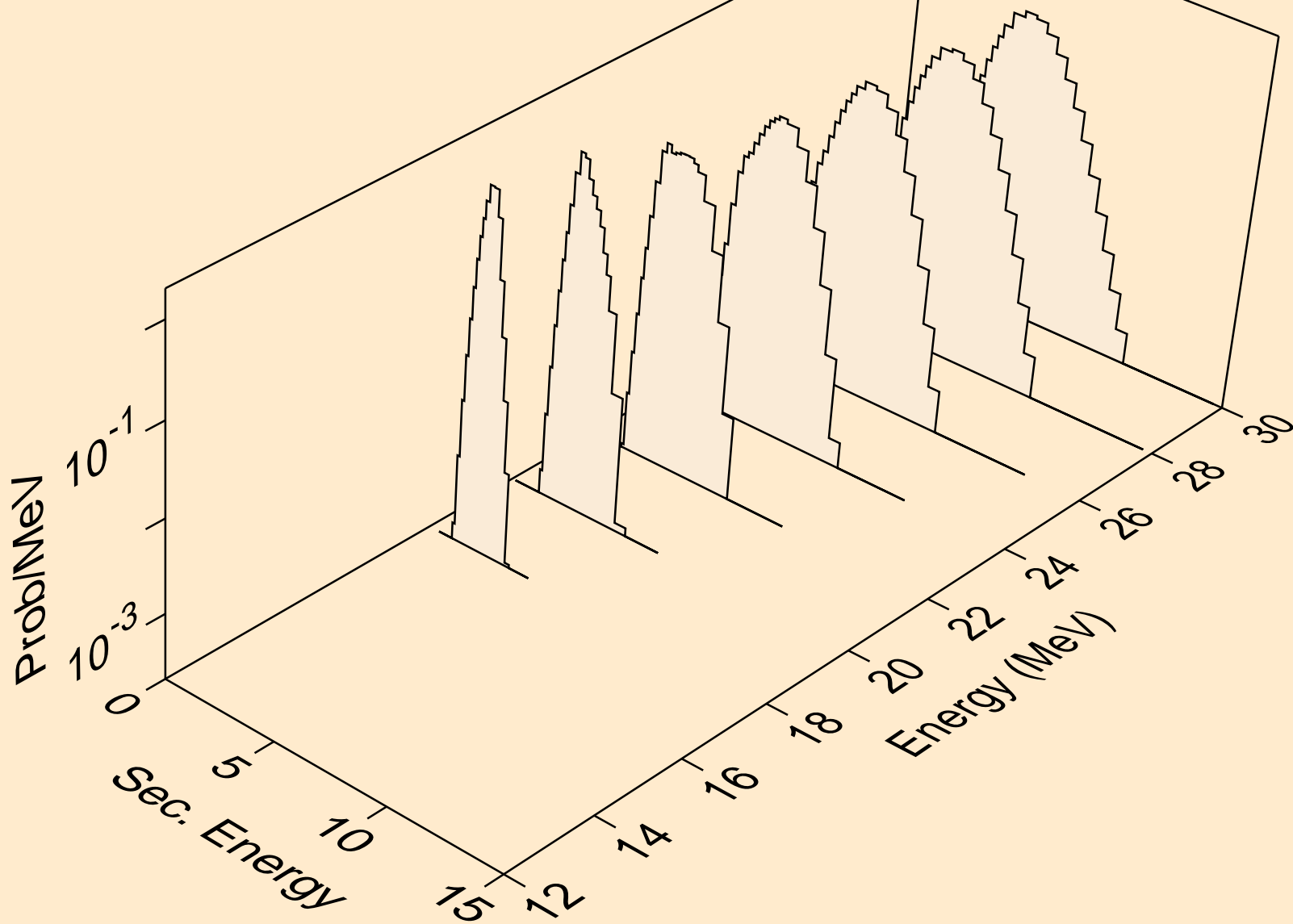
XE127M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)



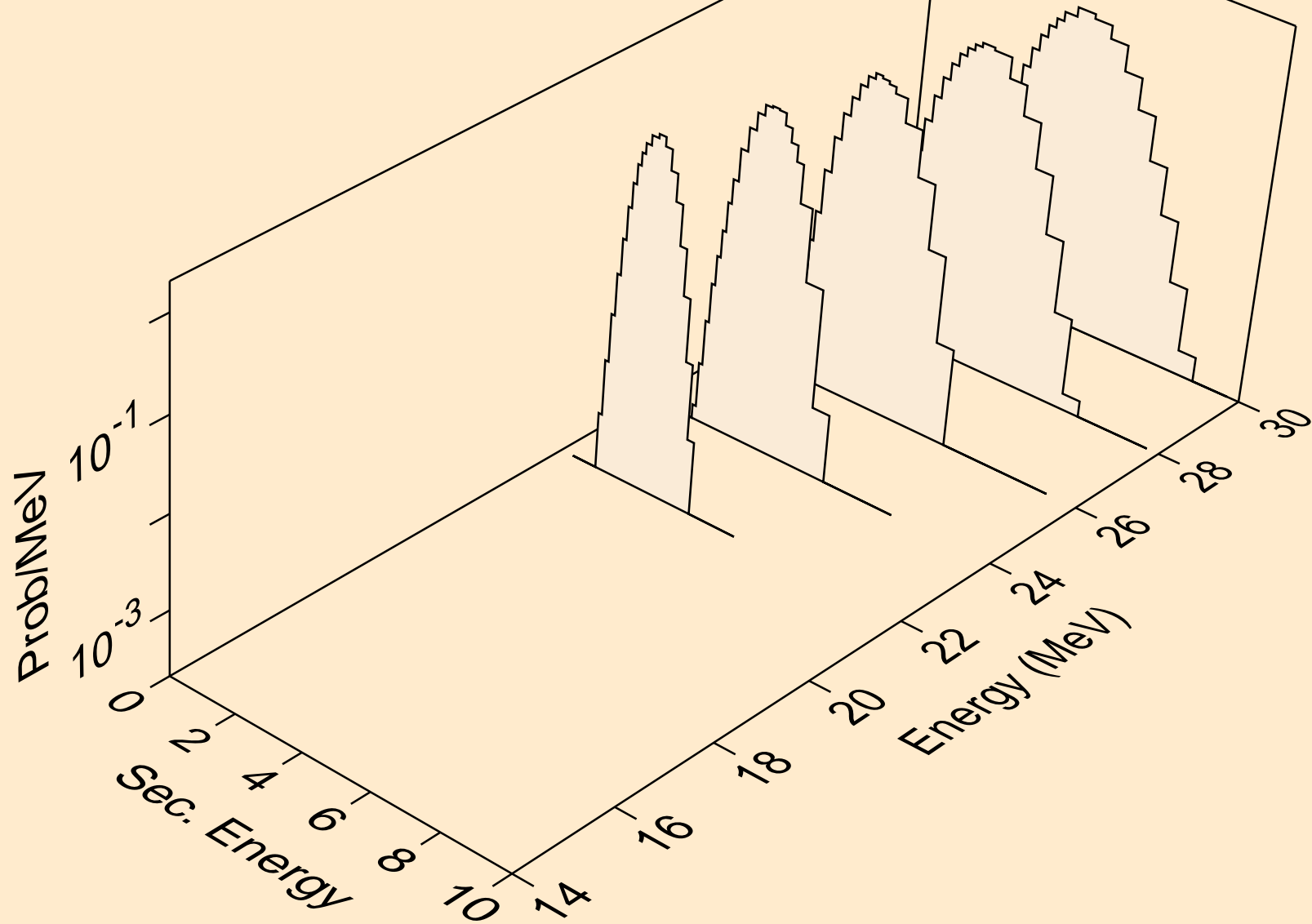
XE127M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pa)



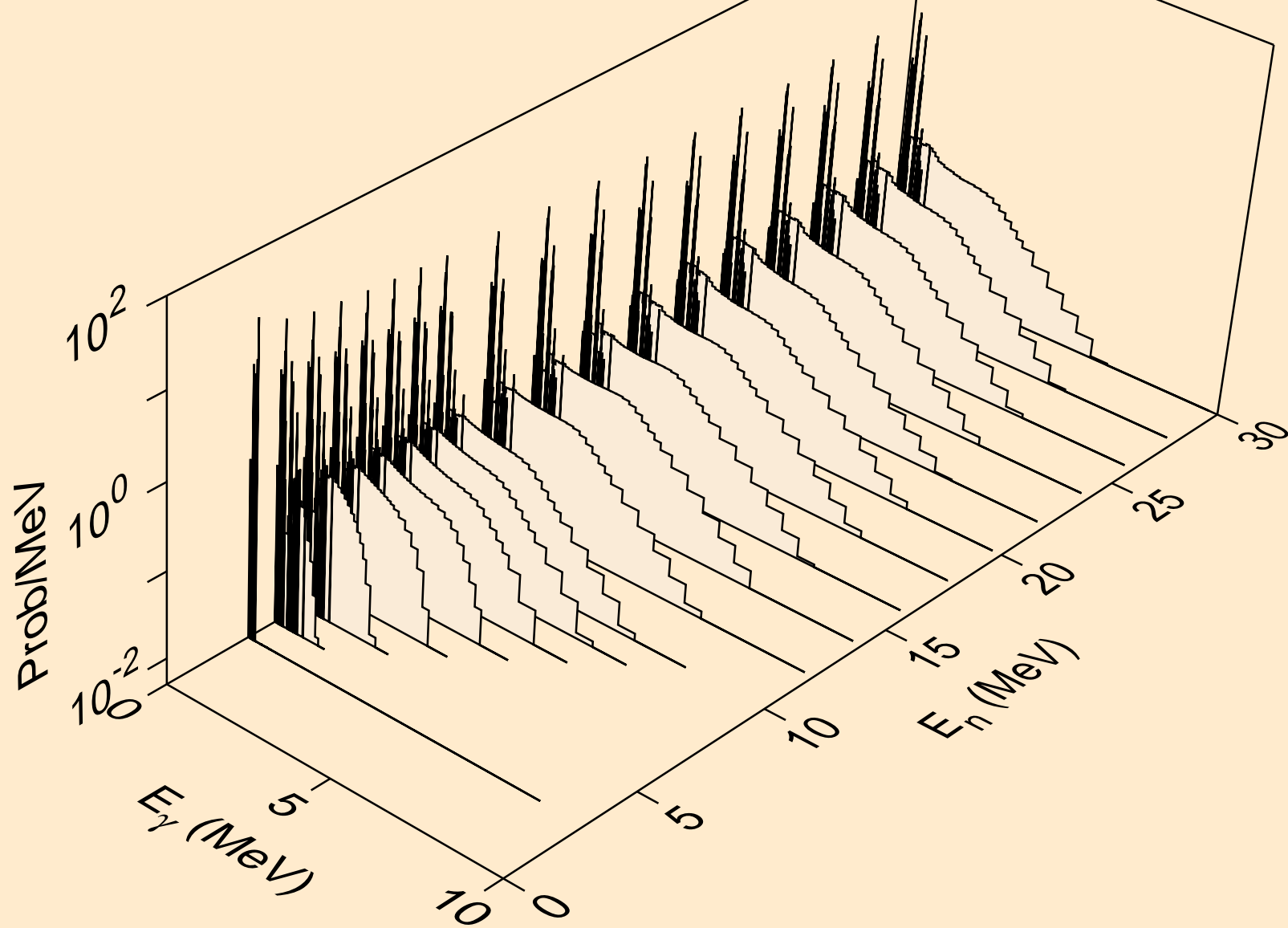
XE127M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pd)



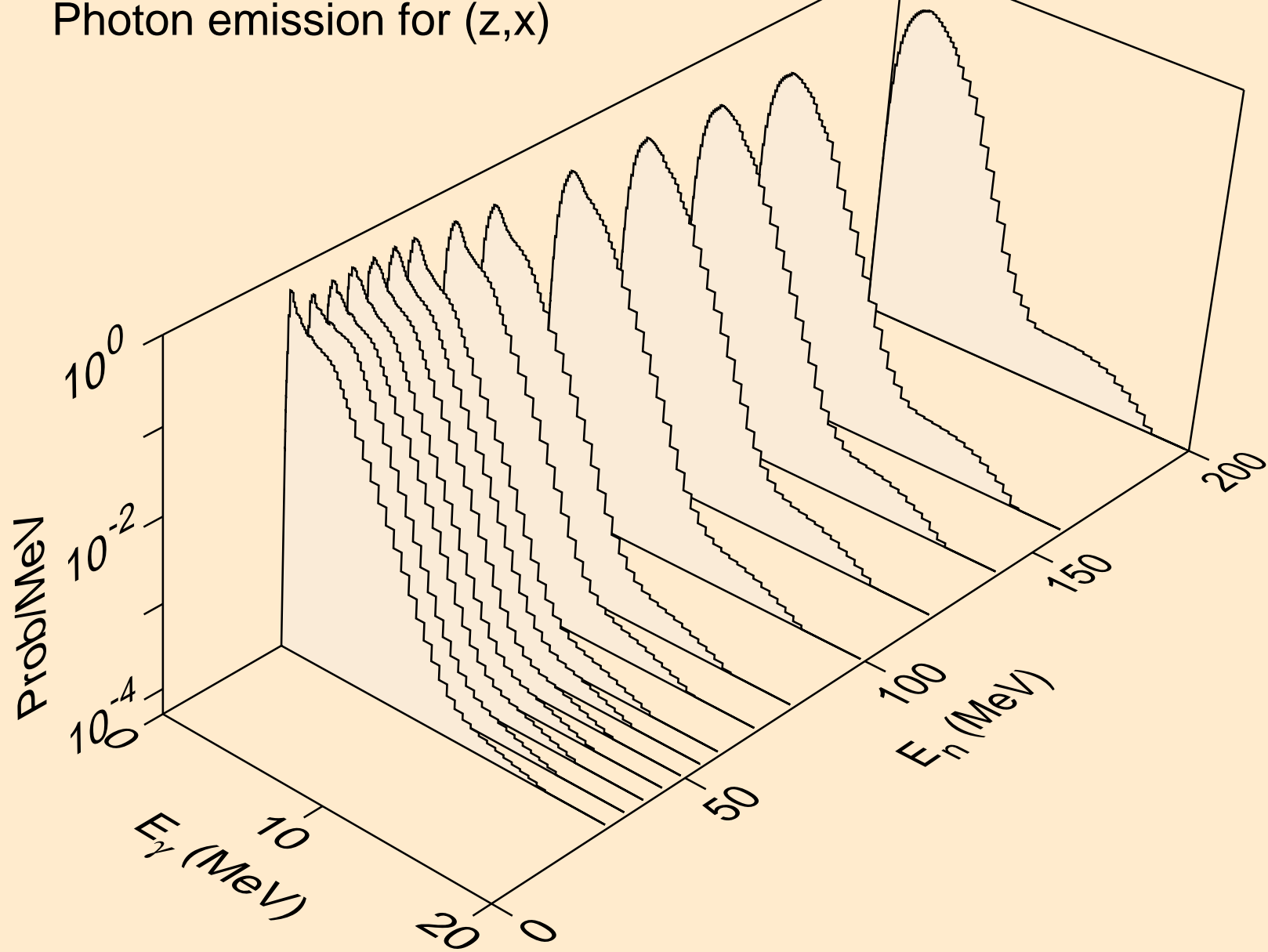
XE127M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pt)



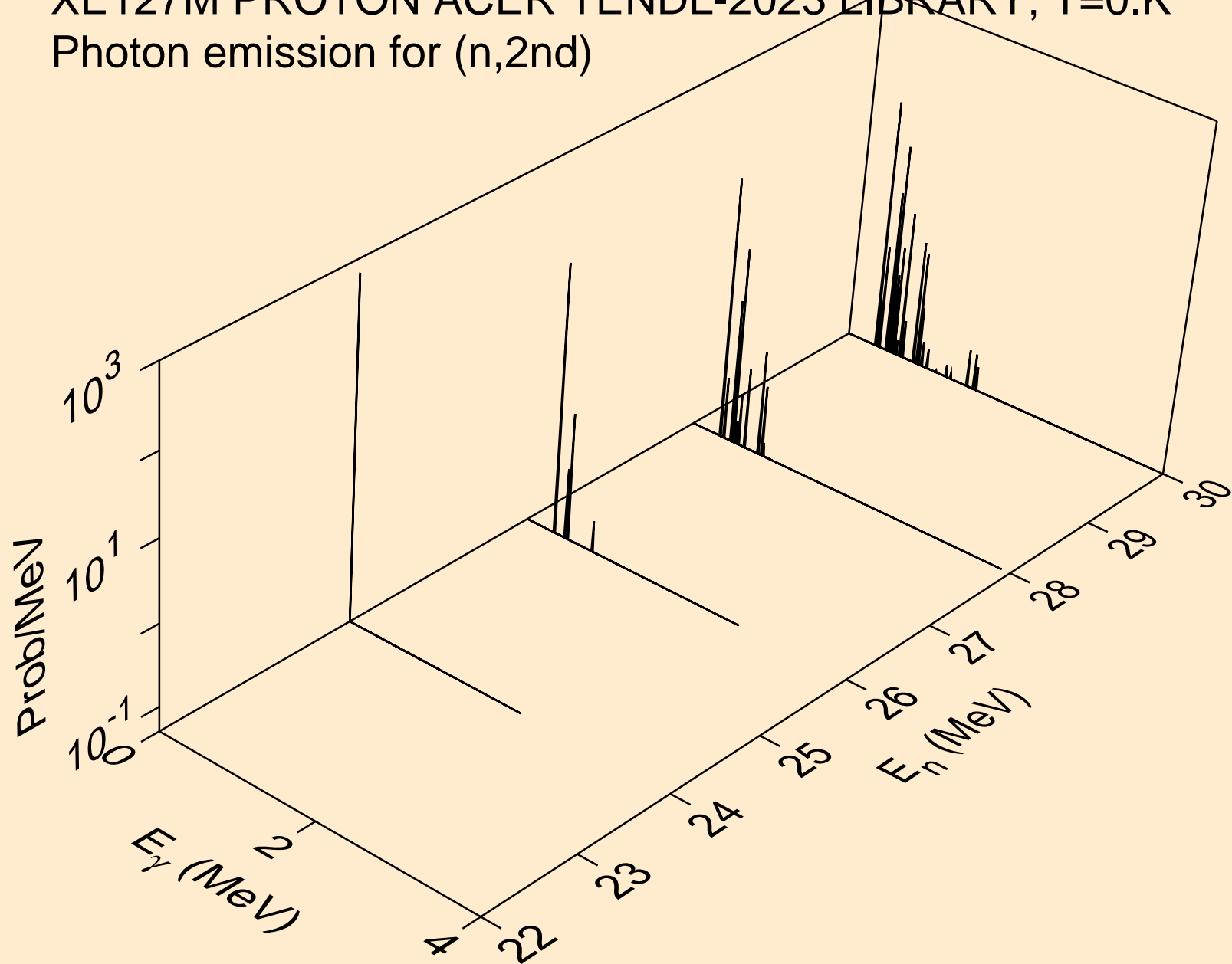
XE127M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



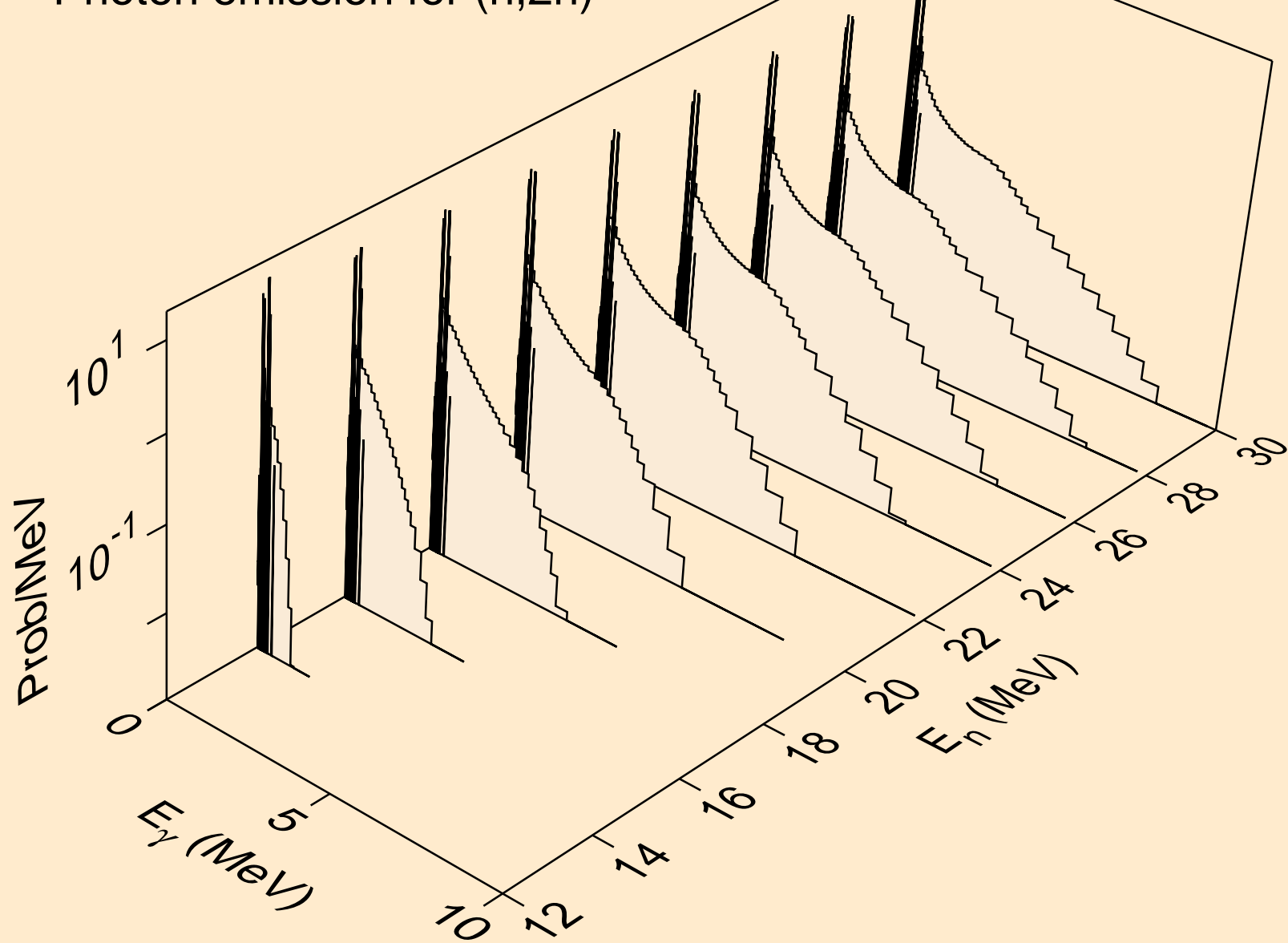
XE127M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



XE127M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)

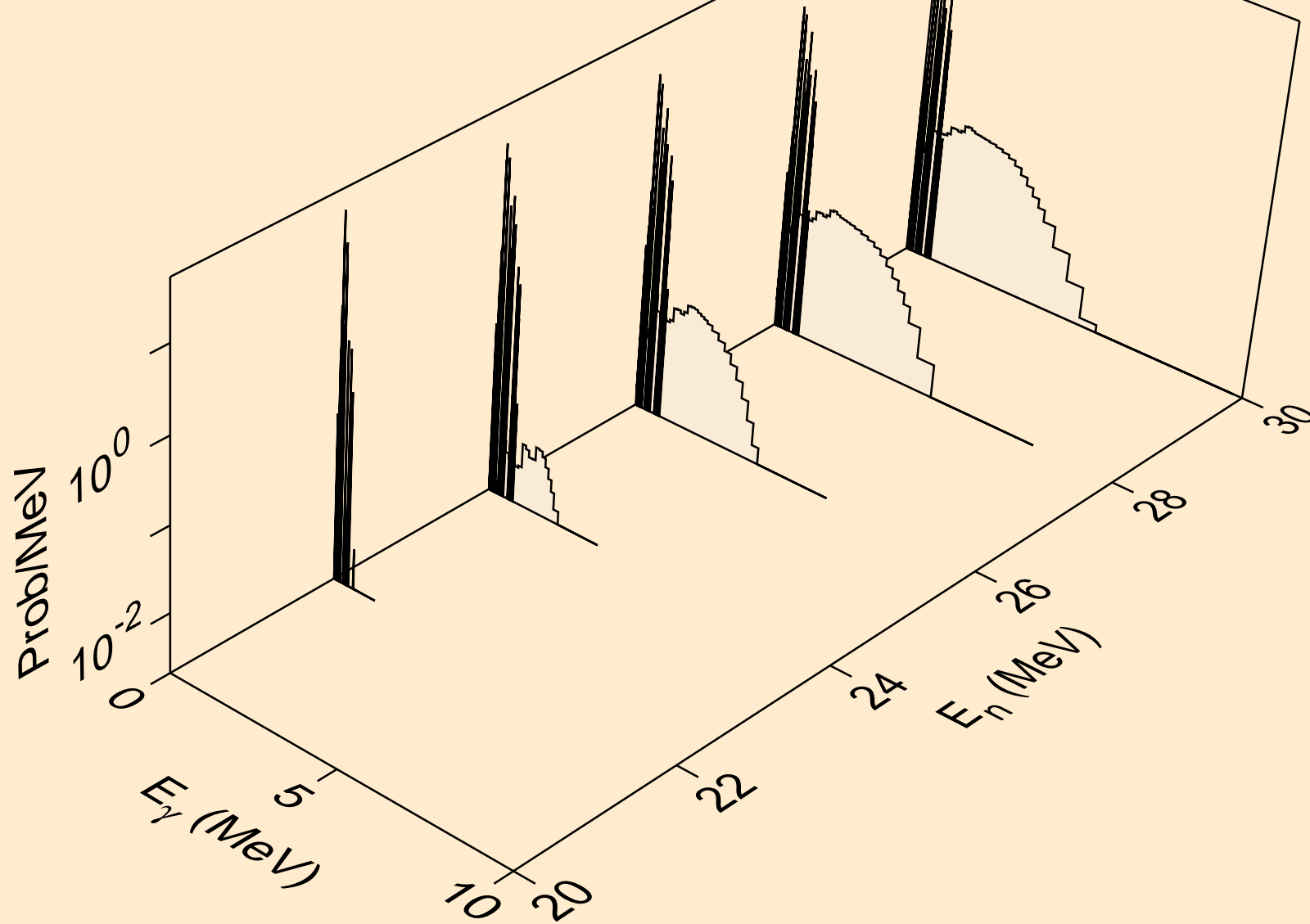


XE127M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

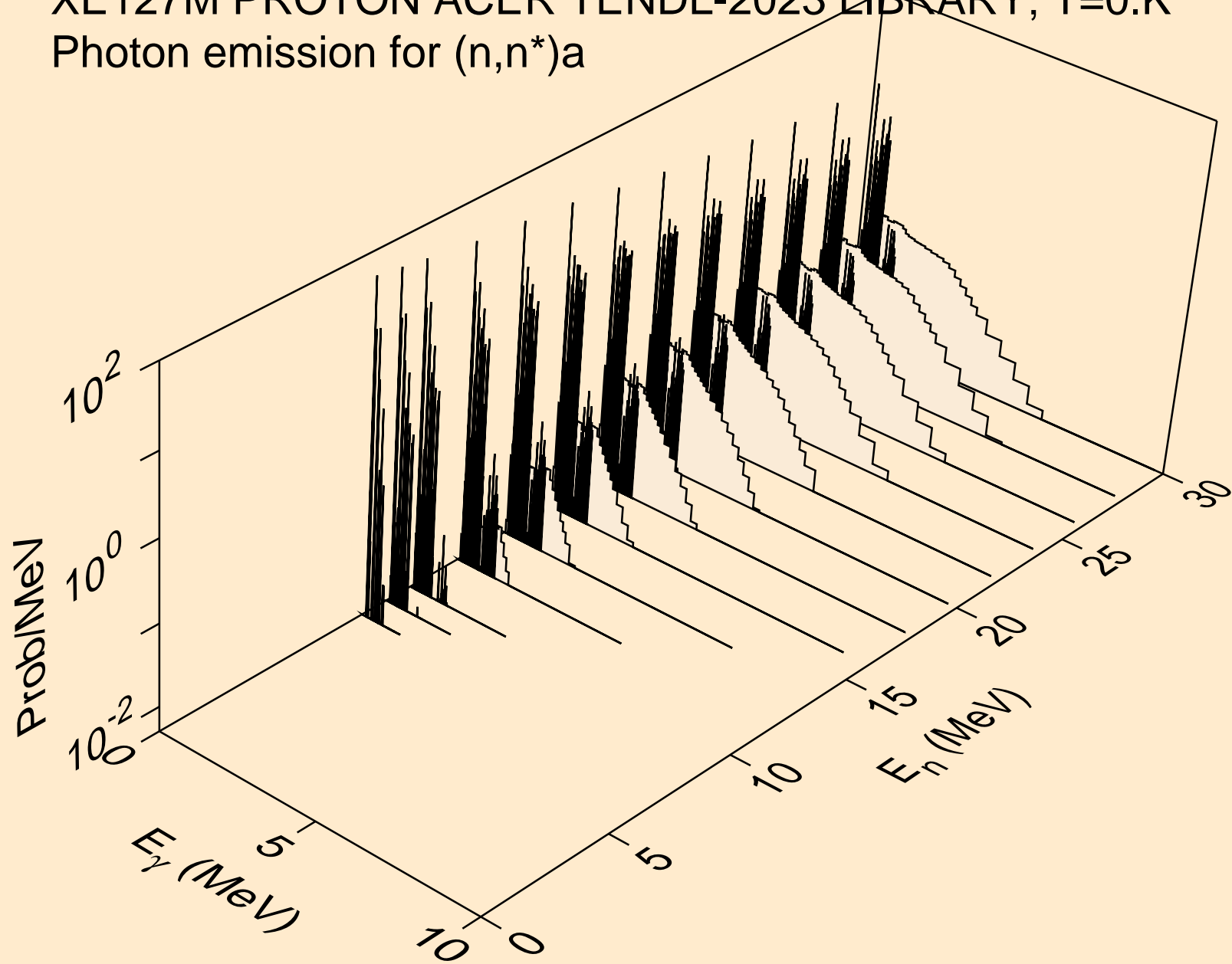




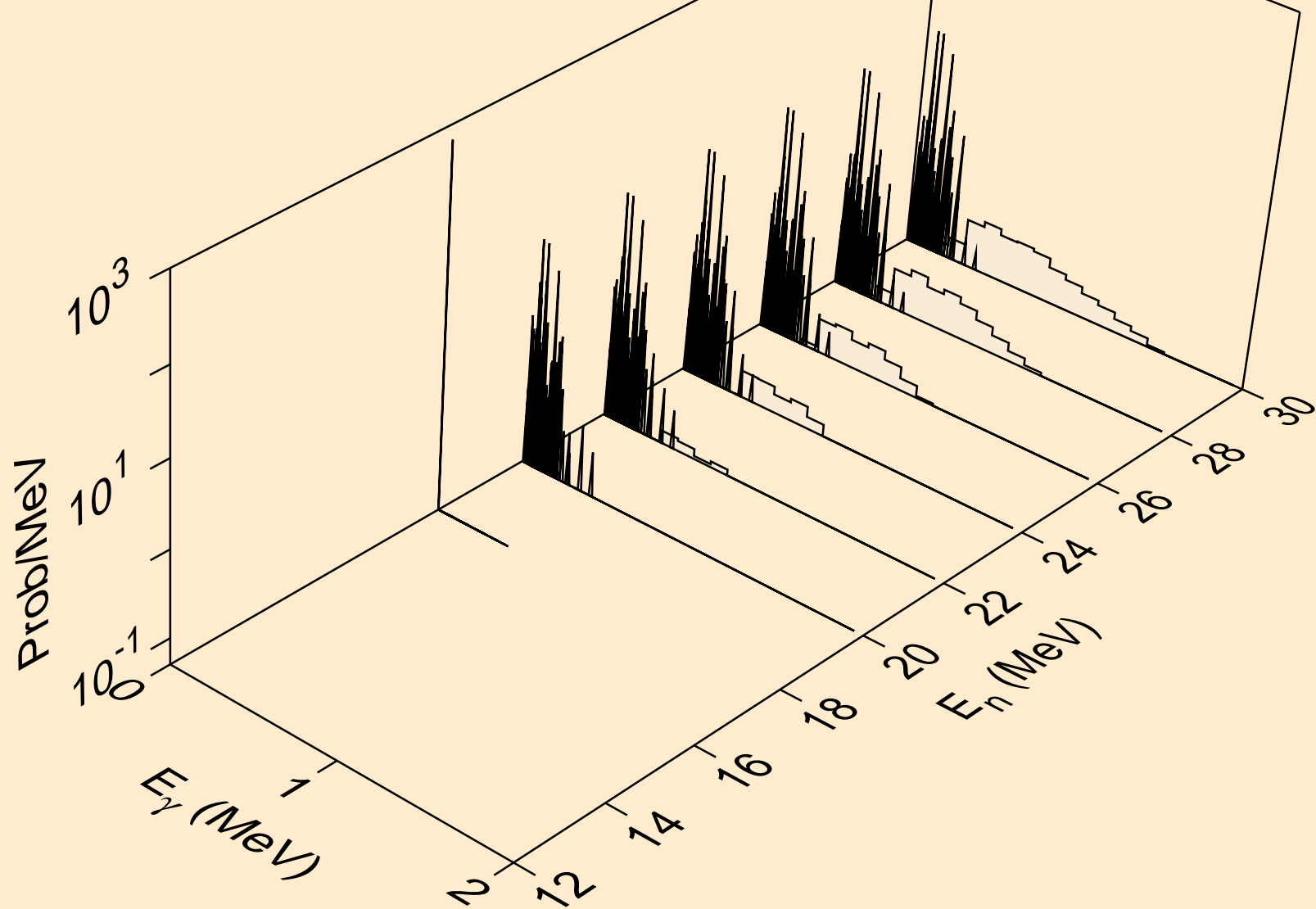
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Photon emission for (n,3n)



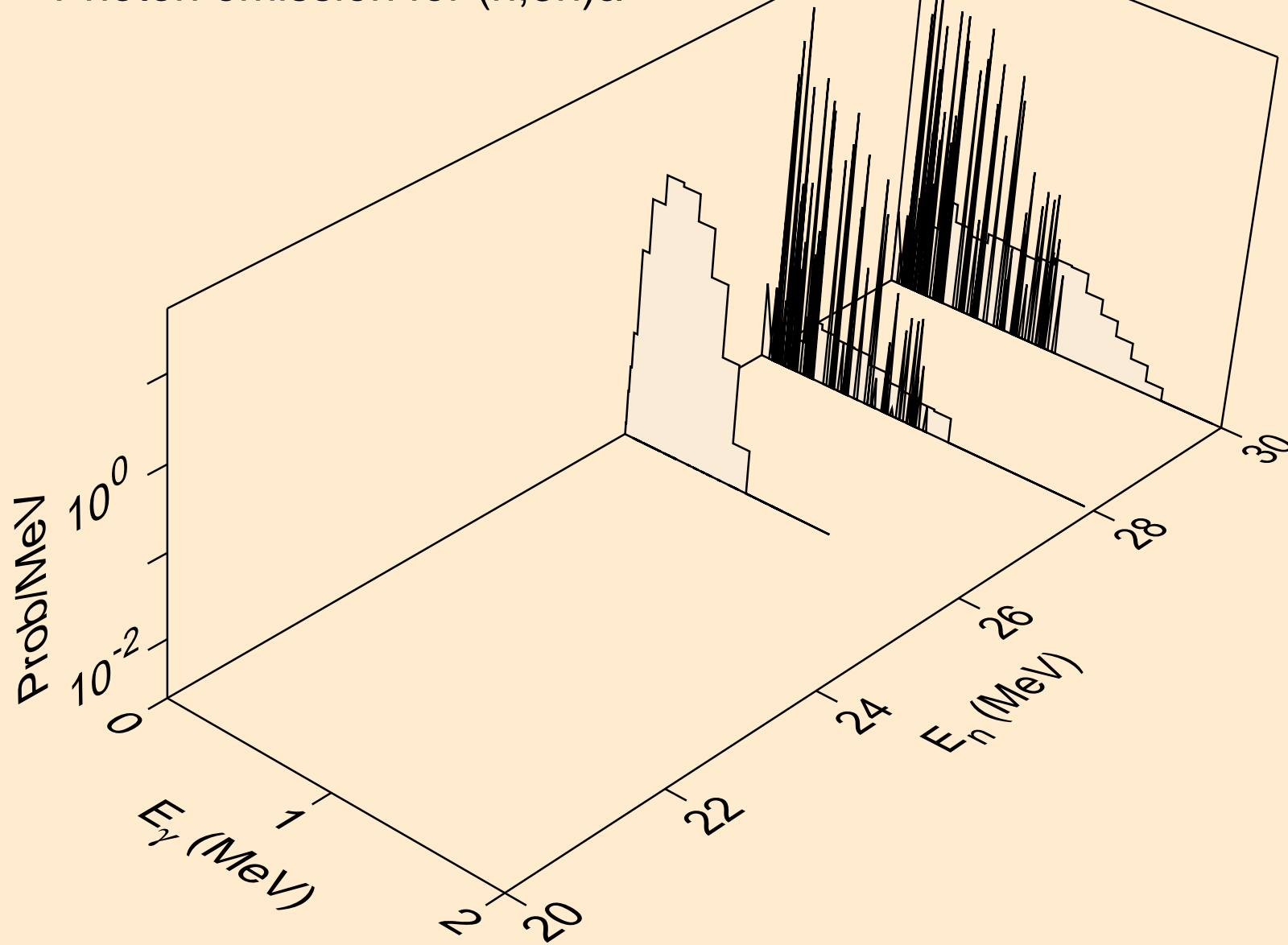
XE127M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



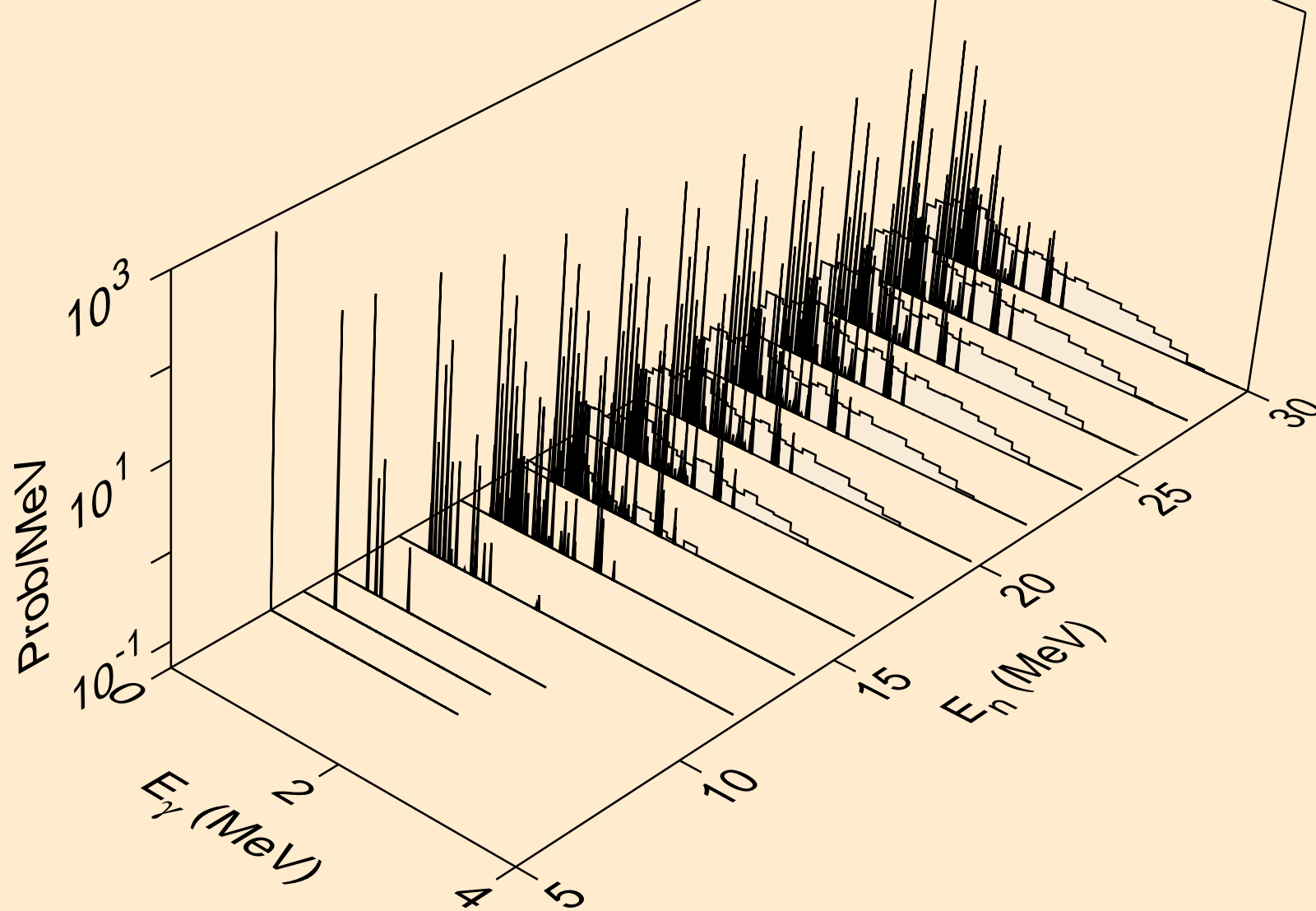
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Photon emission for (n,2n)a



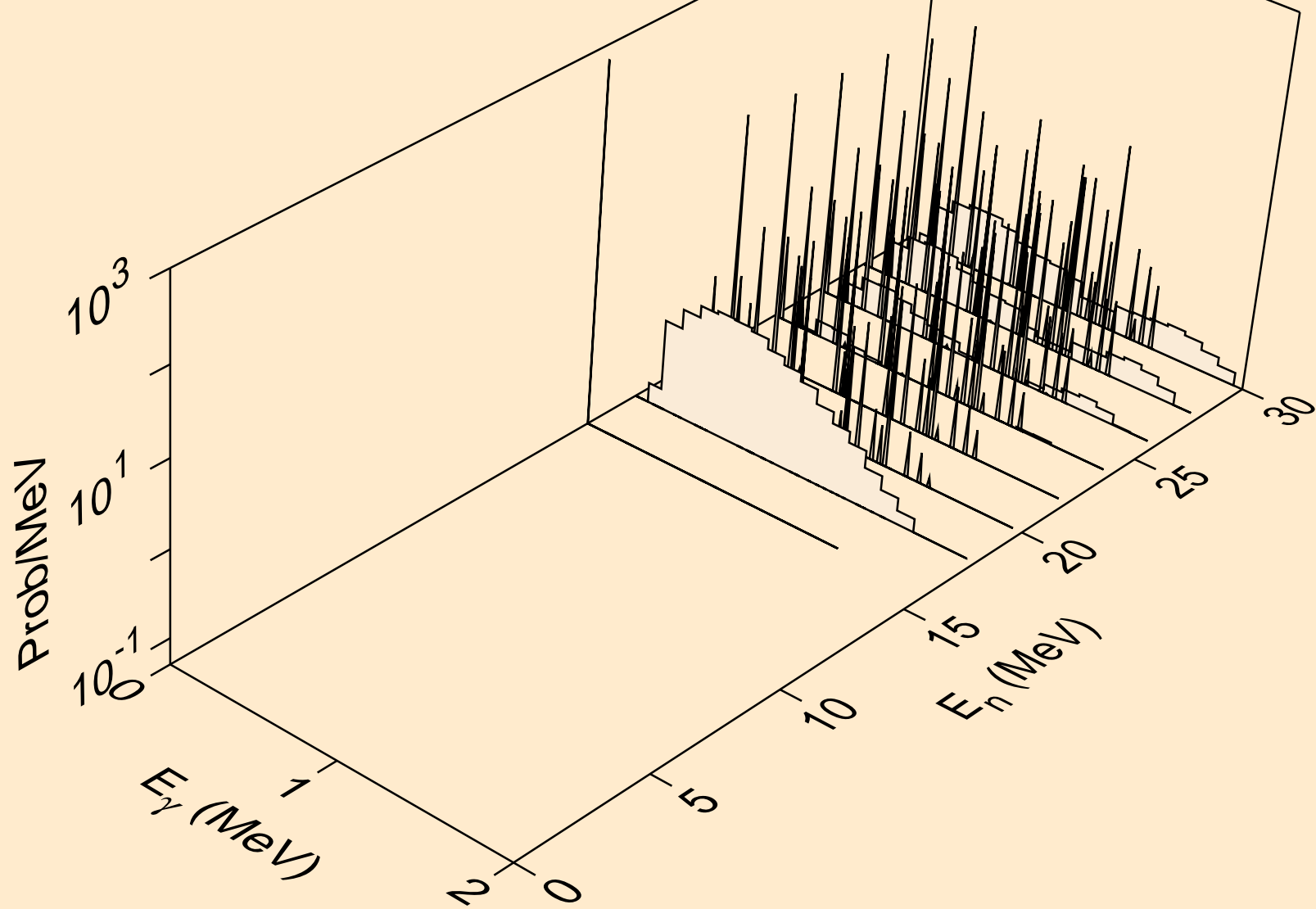
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Photon emission for (n,3n)a



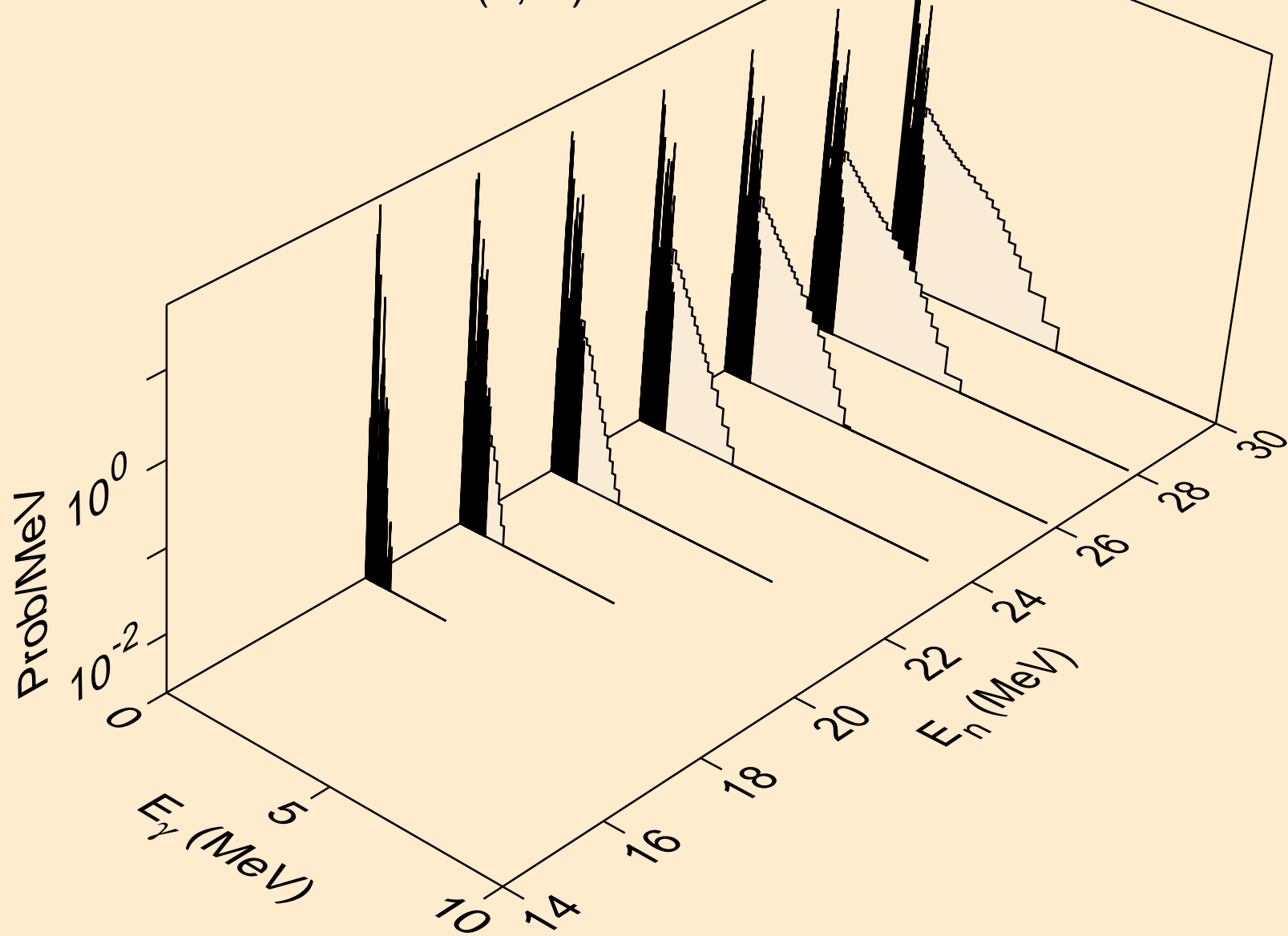
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Photon emission for (n,n\*)p



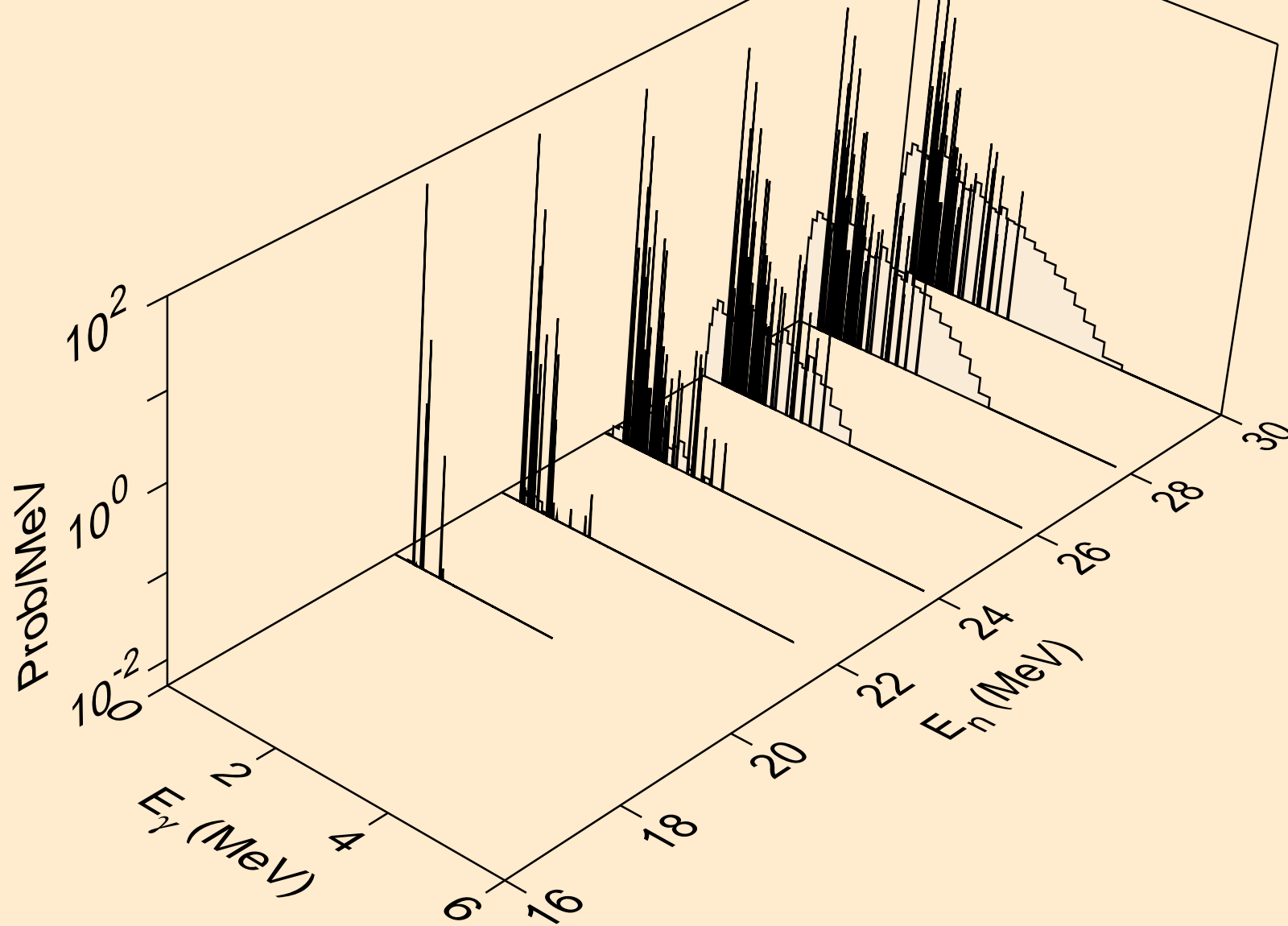
XE127M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



XE127M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

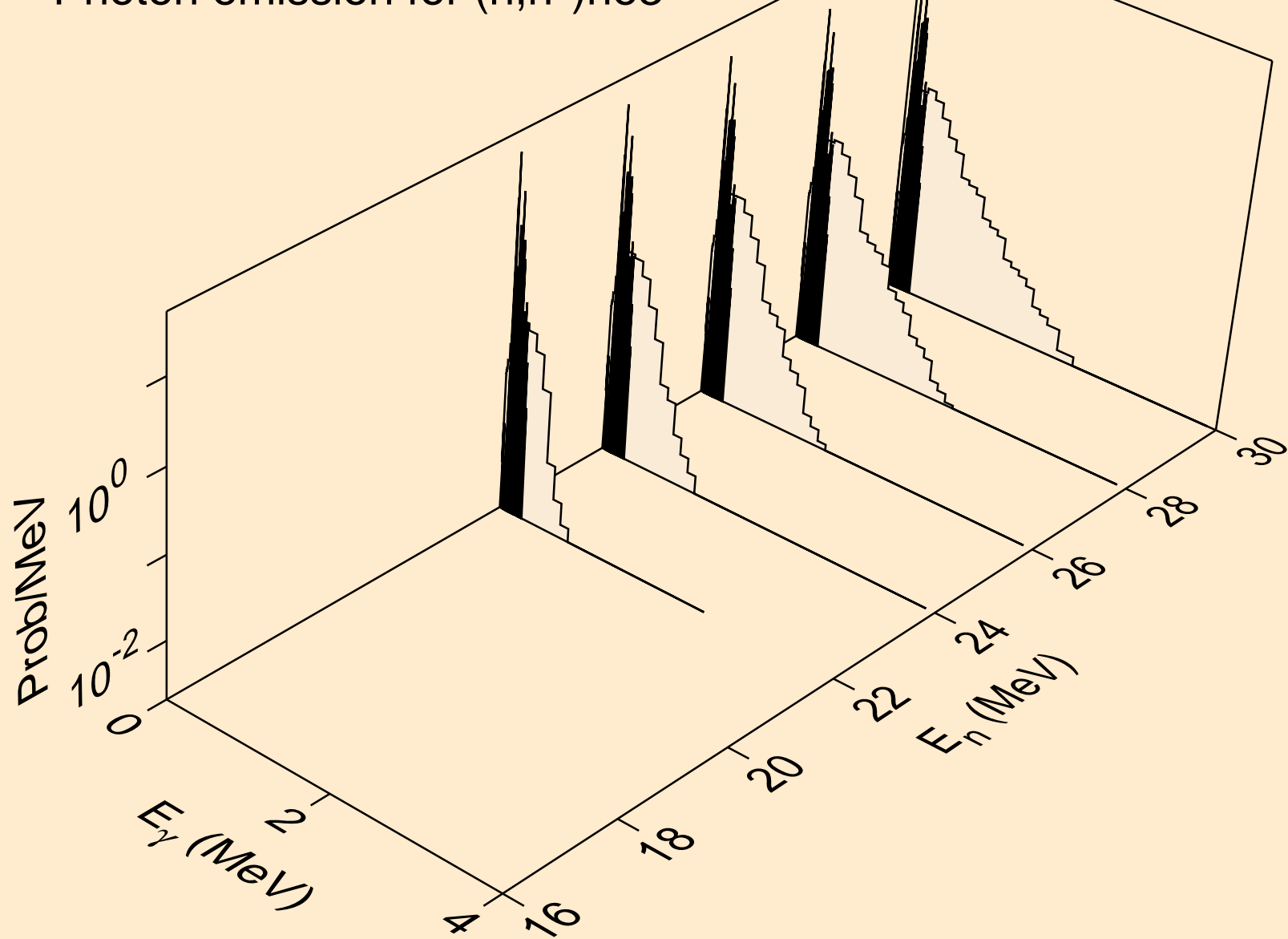


XE127M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

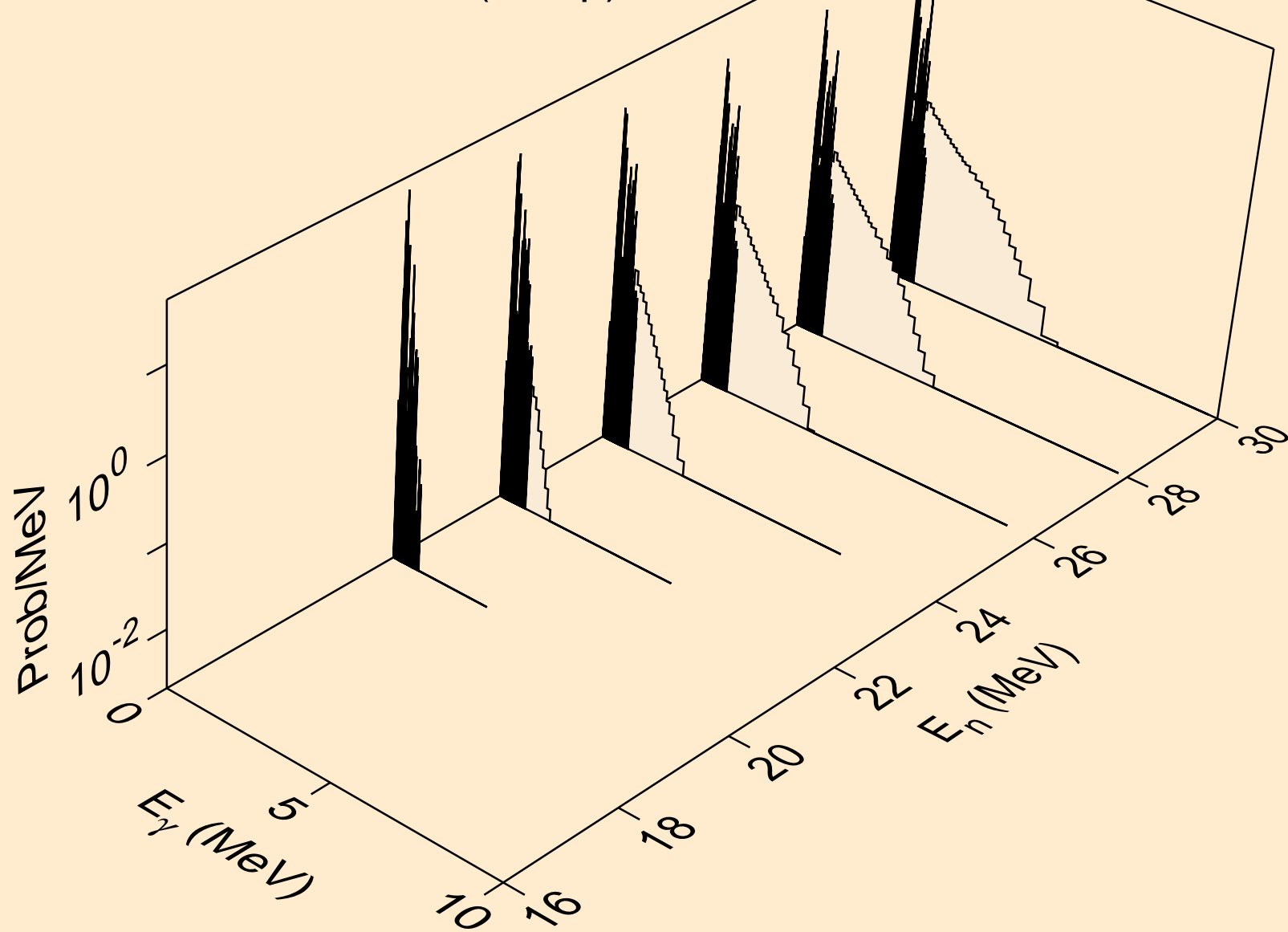




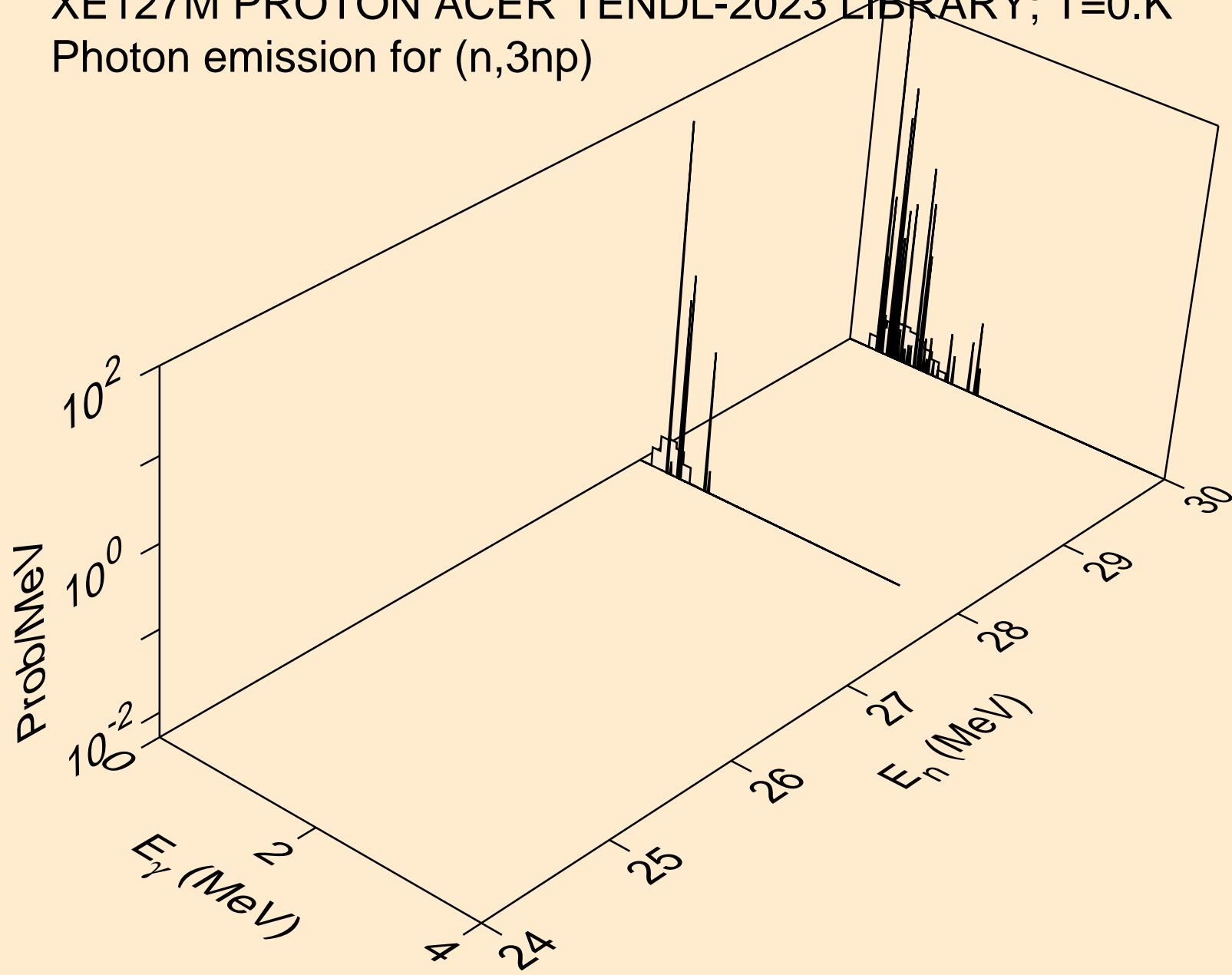
XE127M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



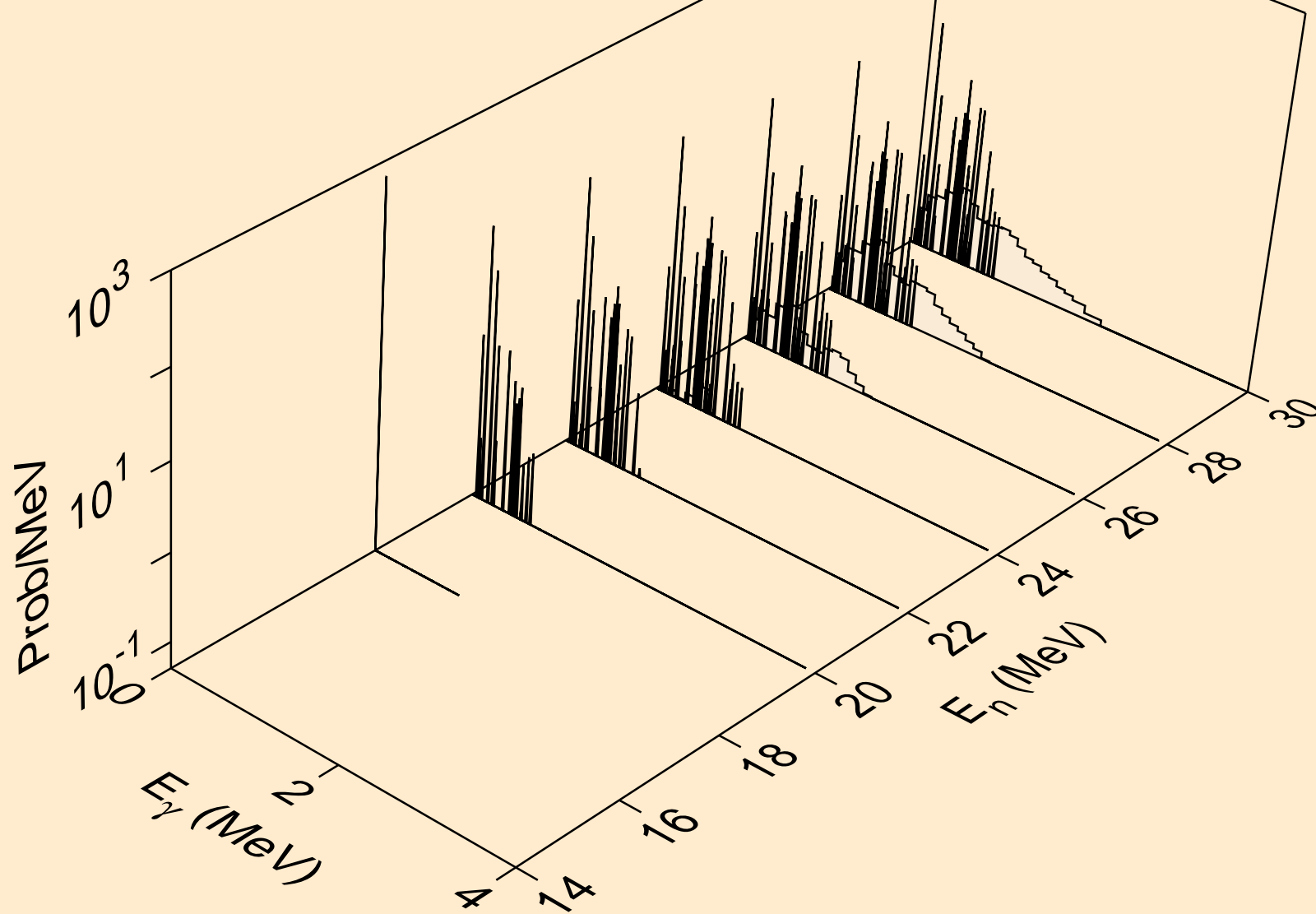
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Photon emission for (n,2np)



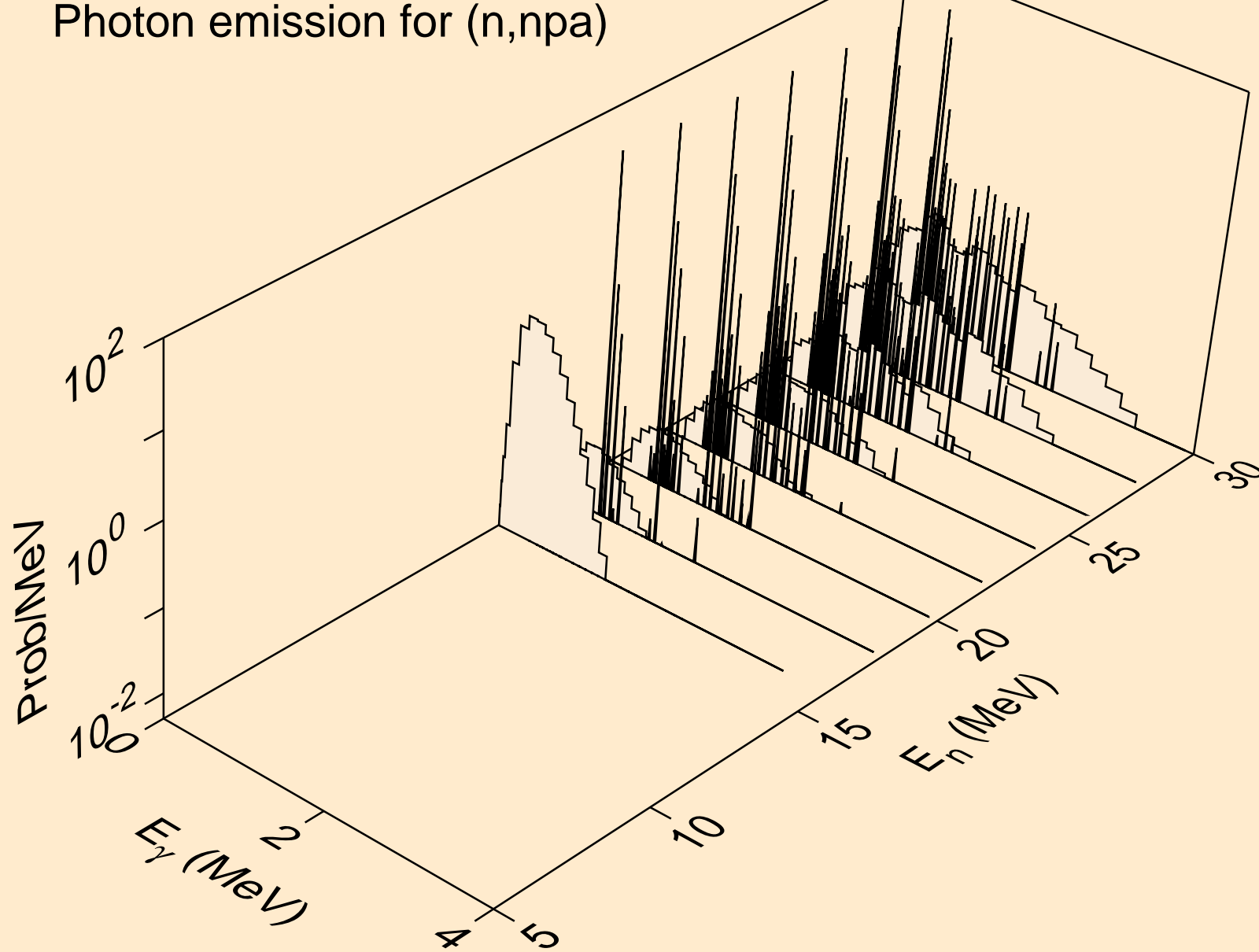
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Photon emission for (n,3np)



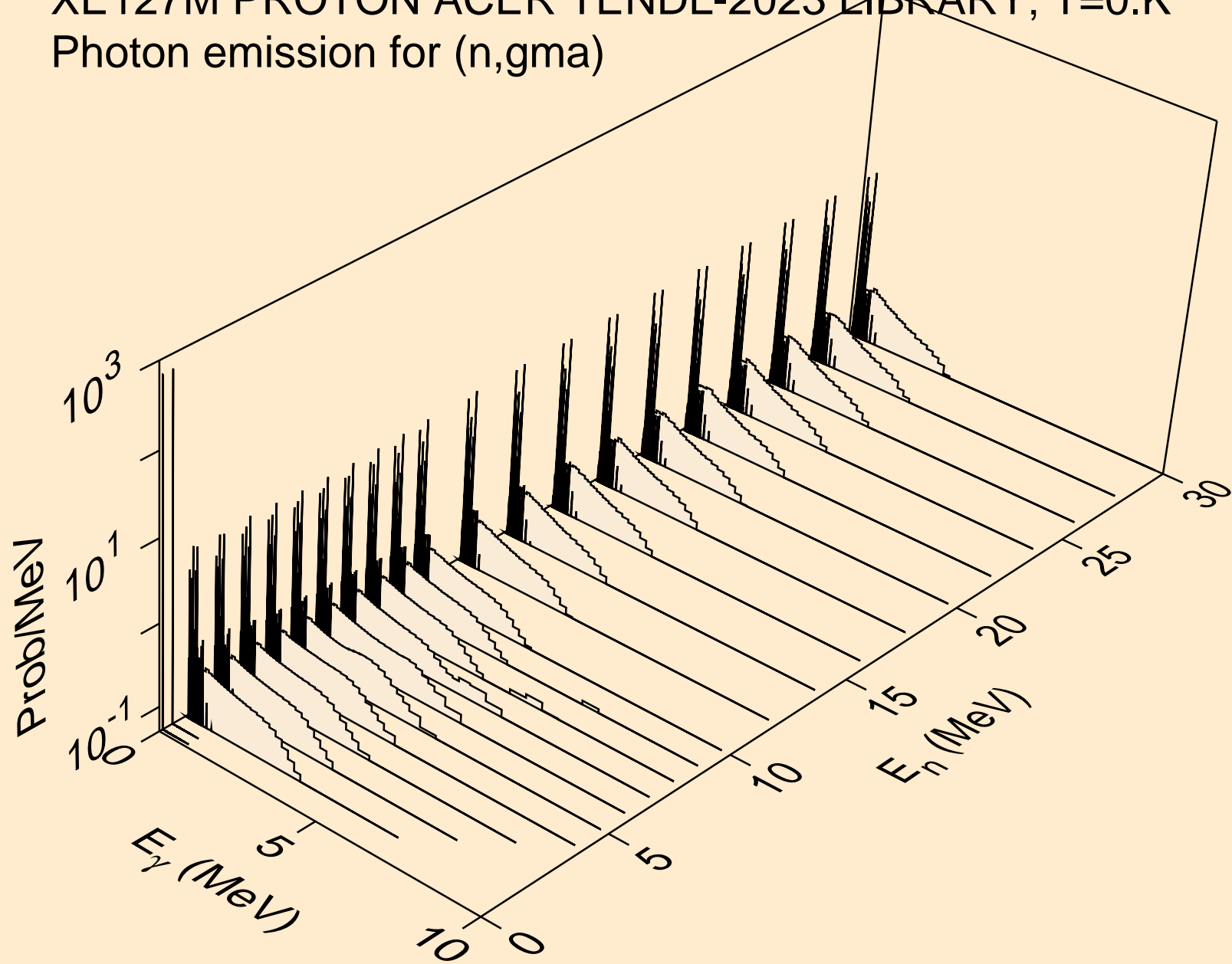
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Photon emission for (n,n2p)



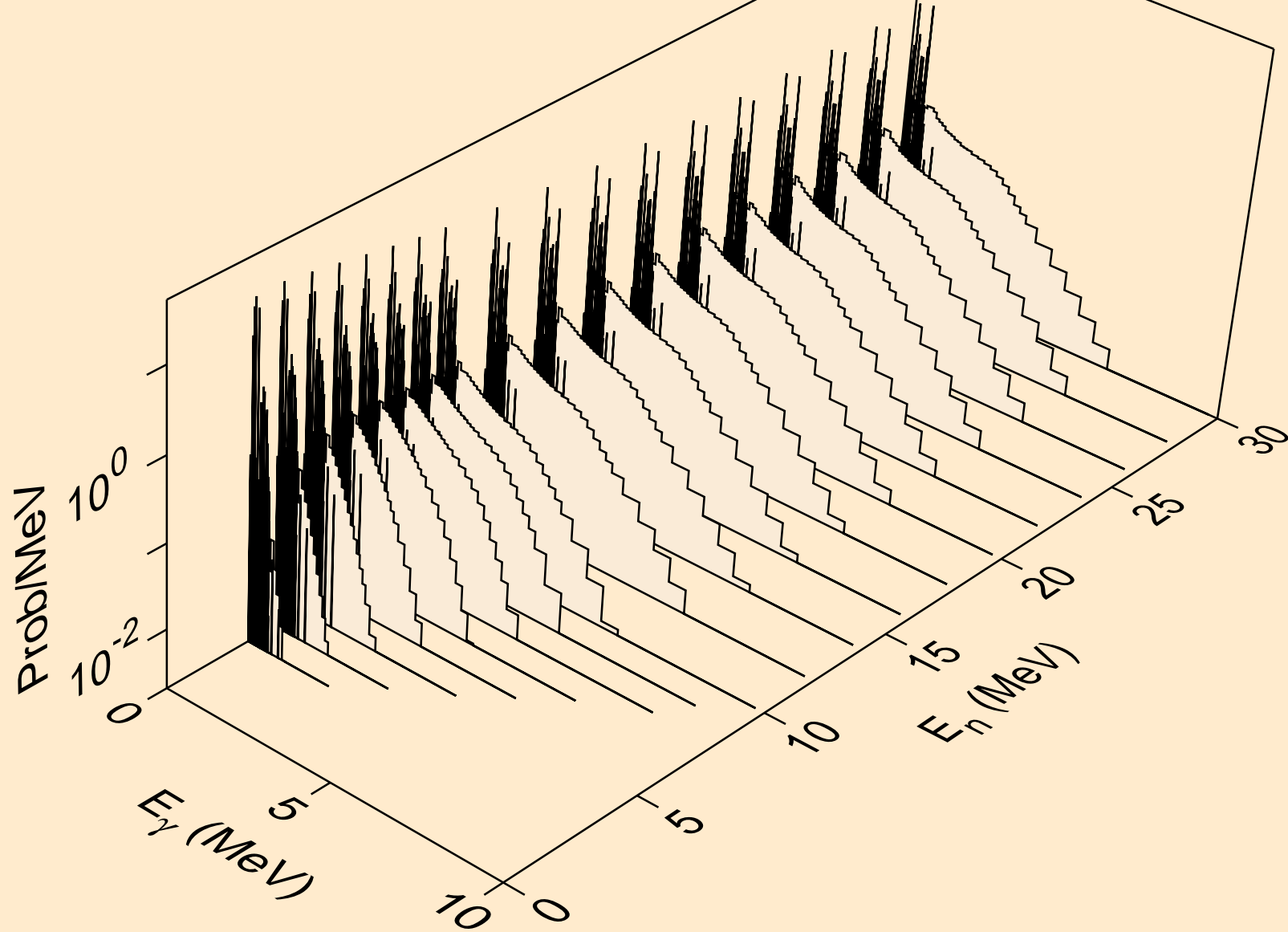
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Photon emission for (n,npa)



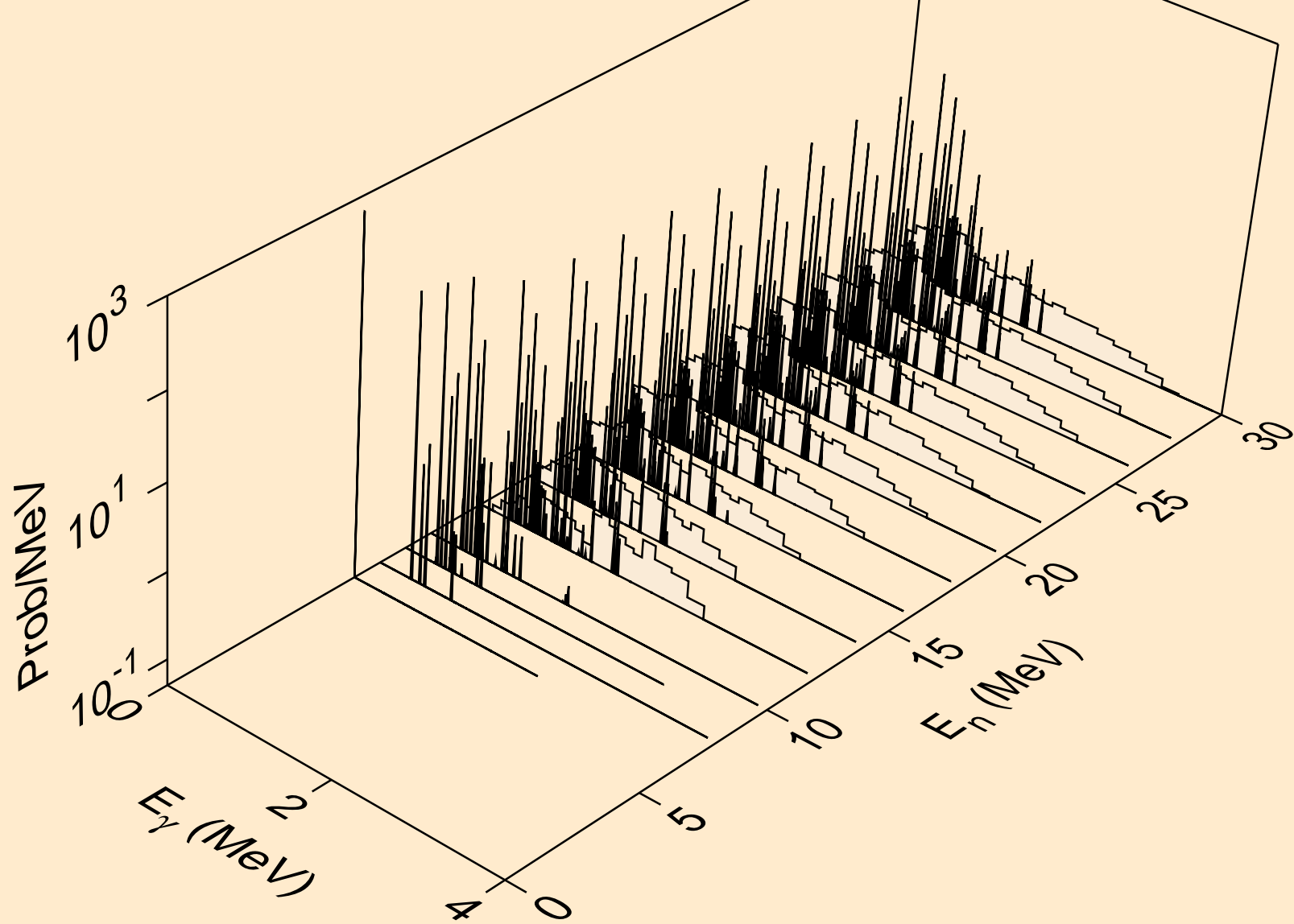
XE127M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



XE127M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

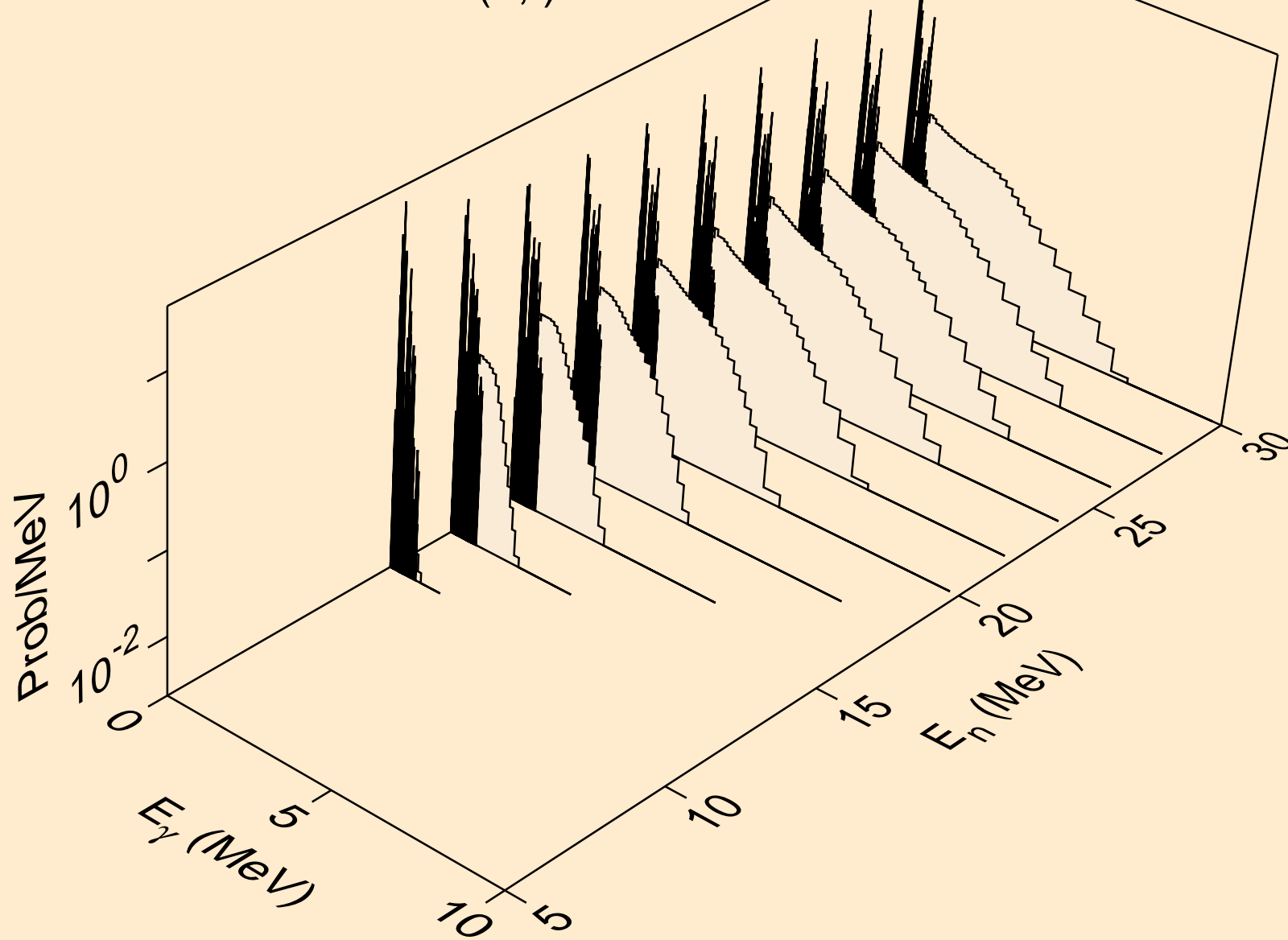


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Photon emission for (n,d)

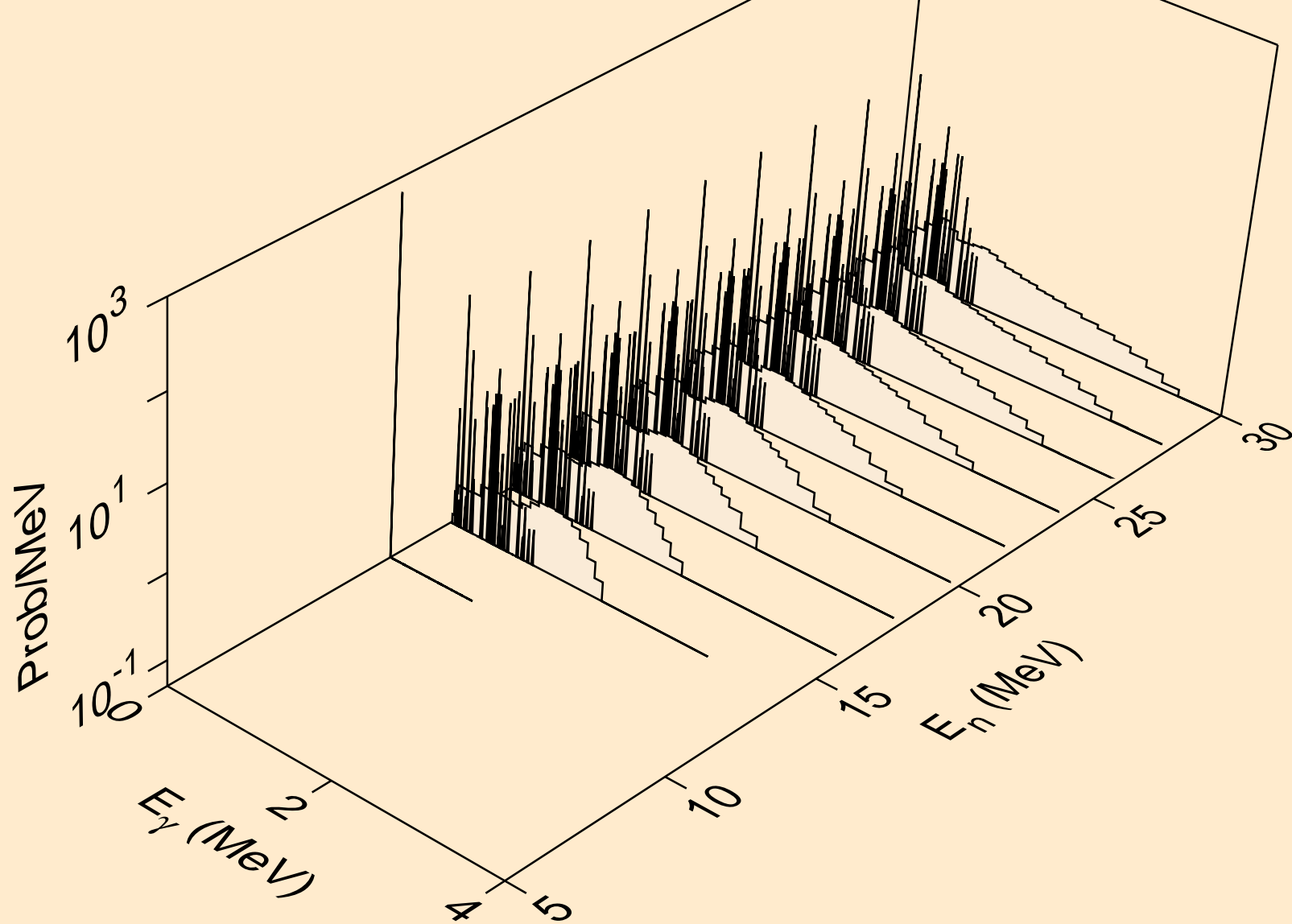




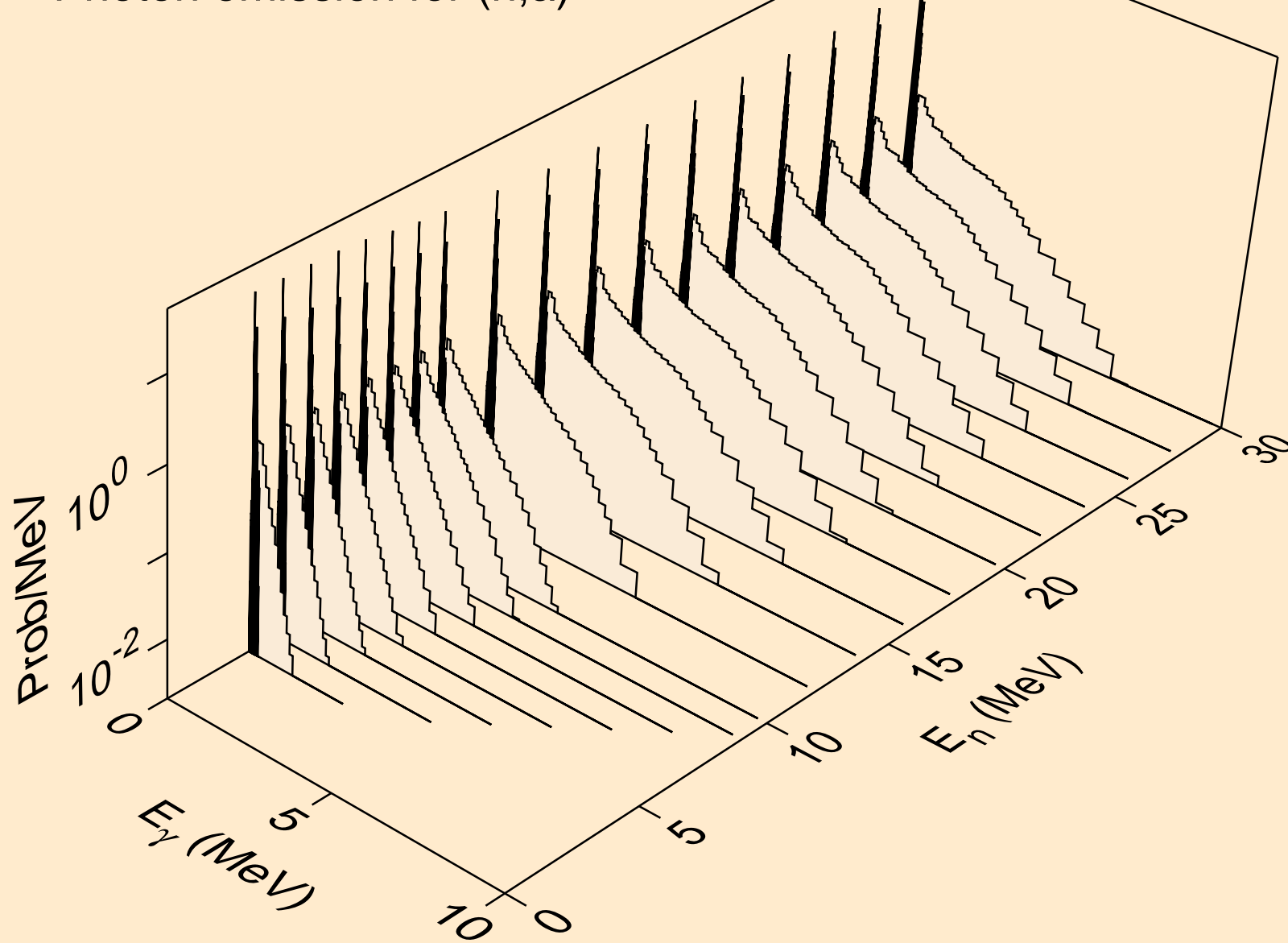
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Photon emission for (n,t)



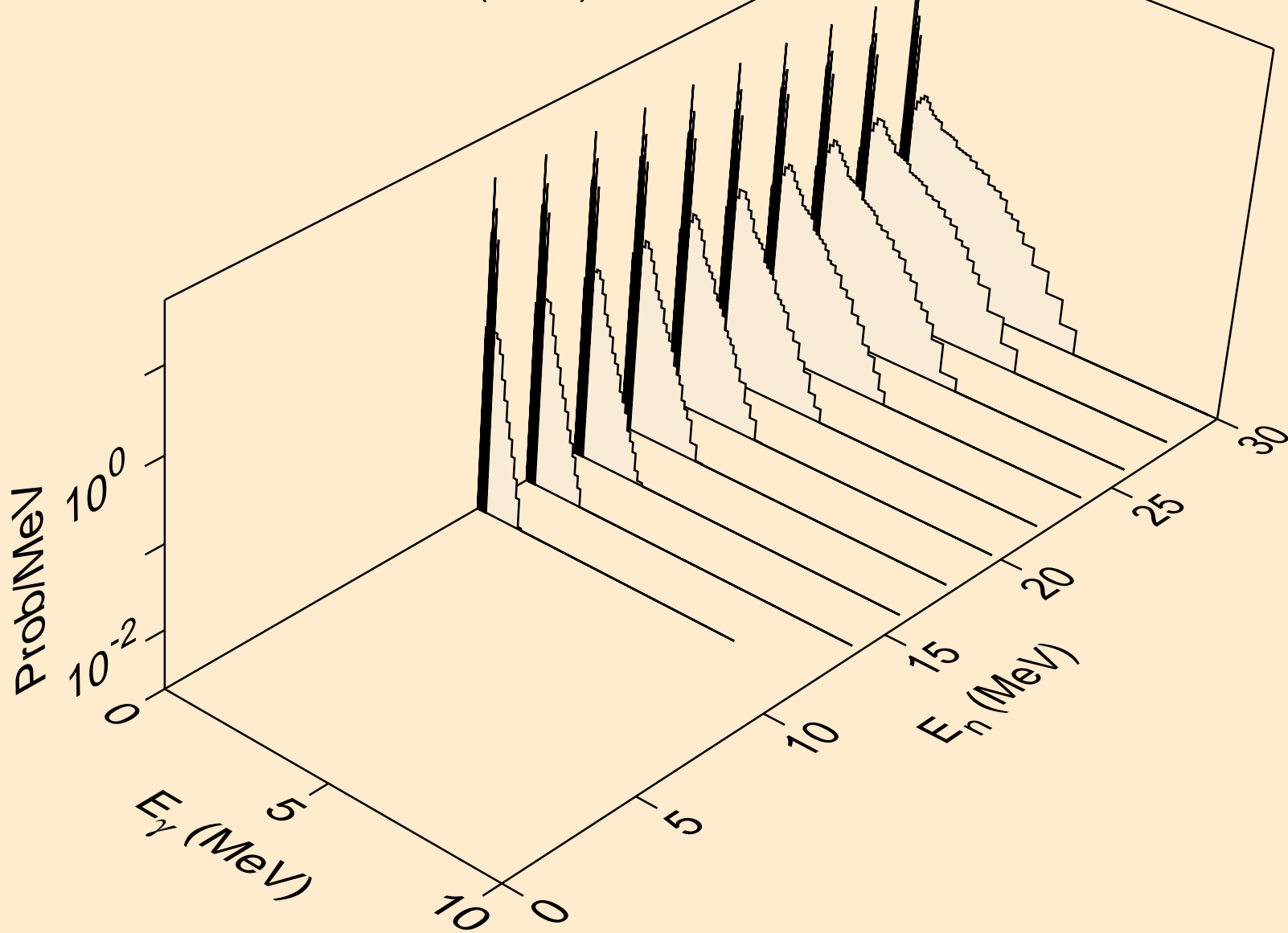
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Photon emission for (n,he3)



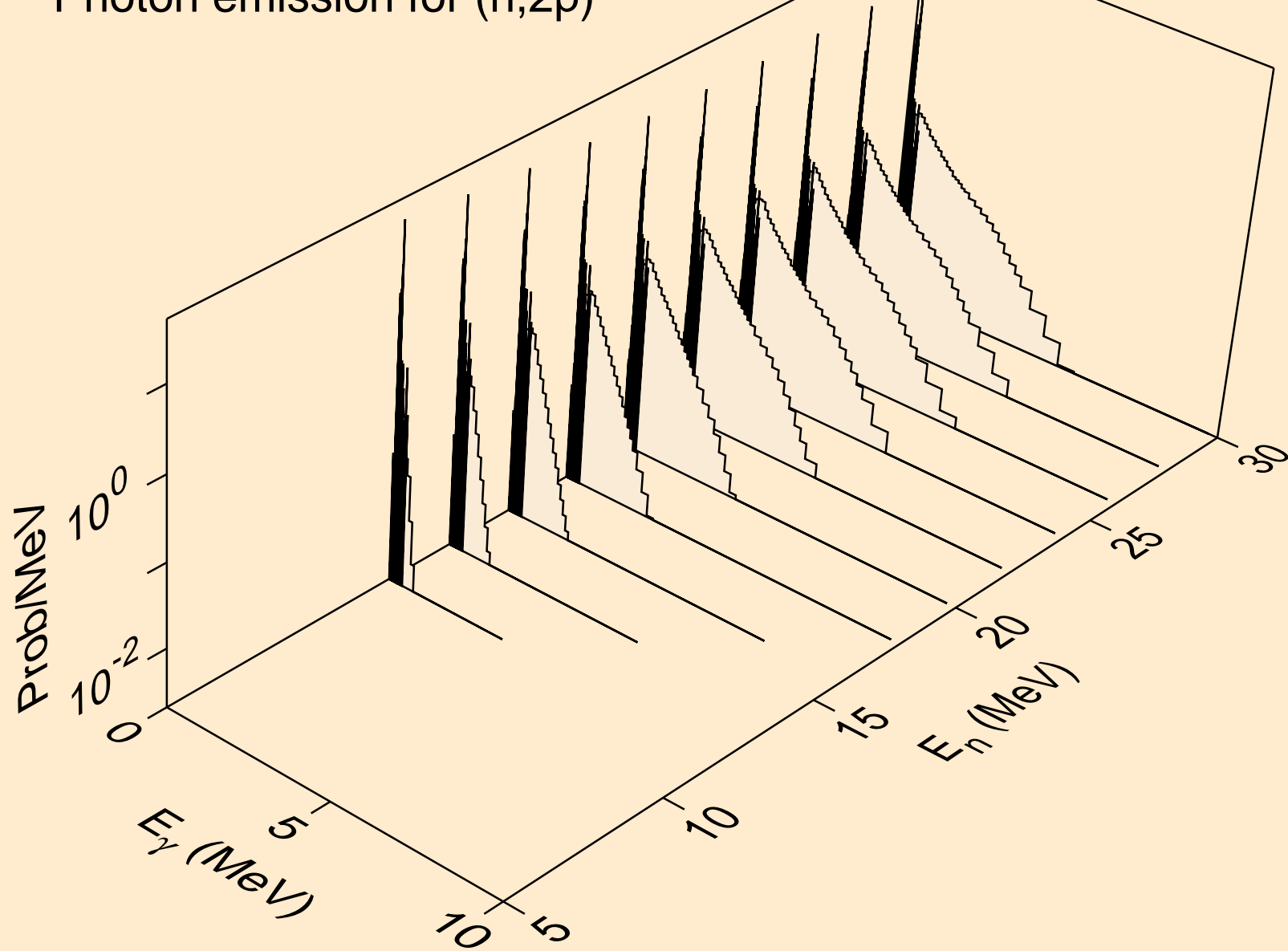
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Photon emission for (n,a)



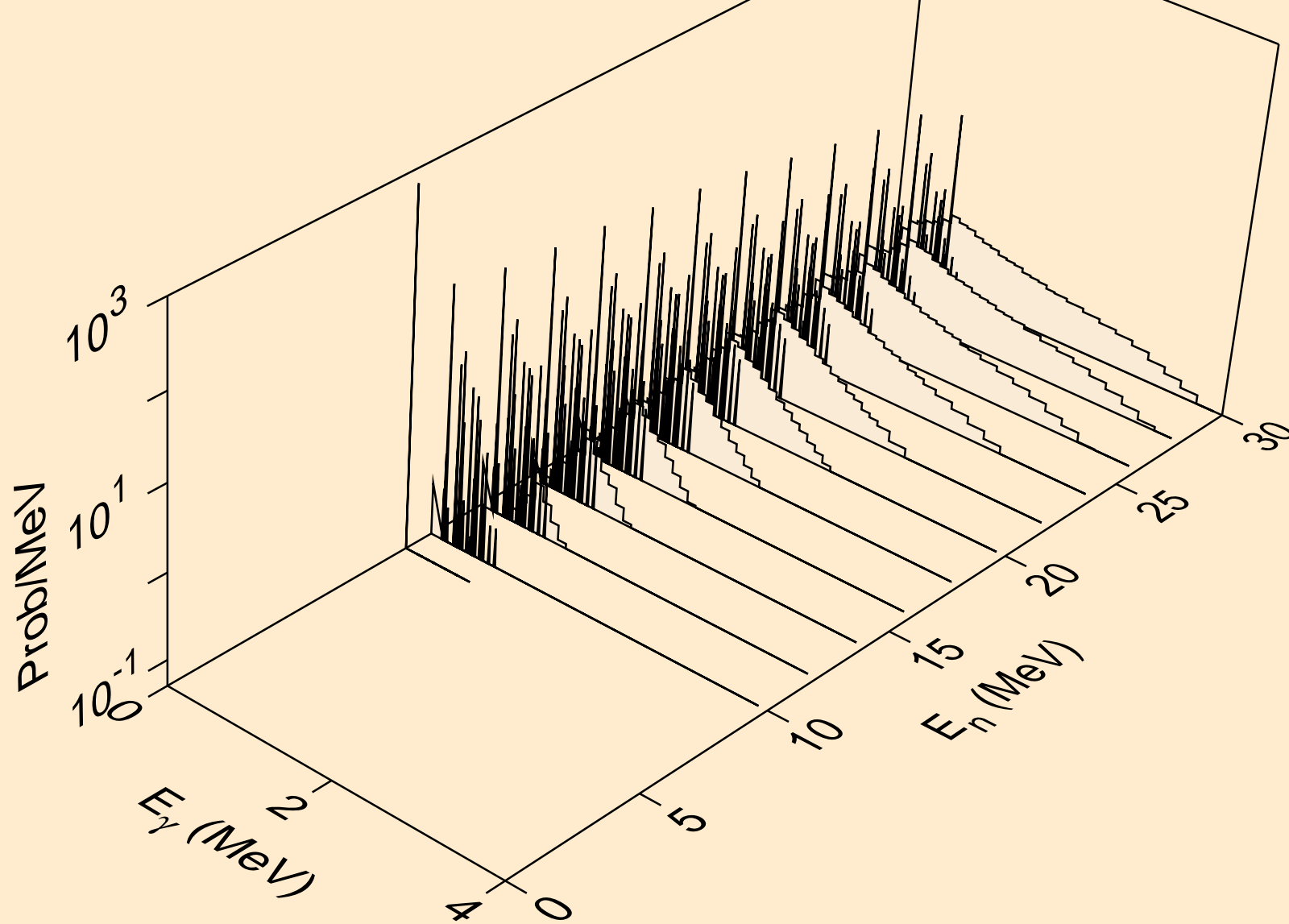
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Photon emission for (n,2a)



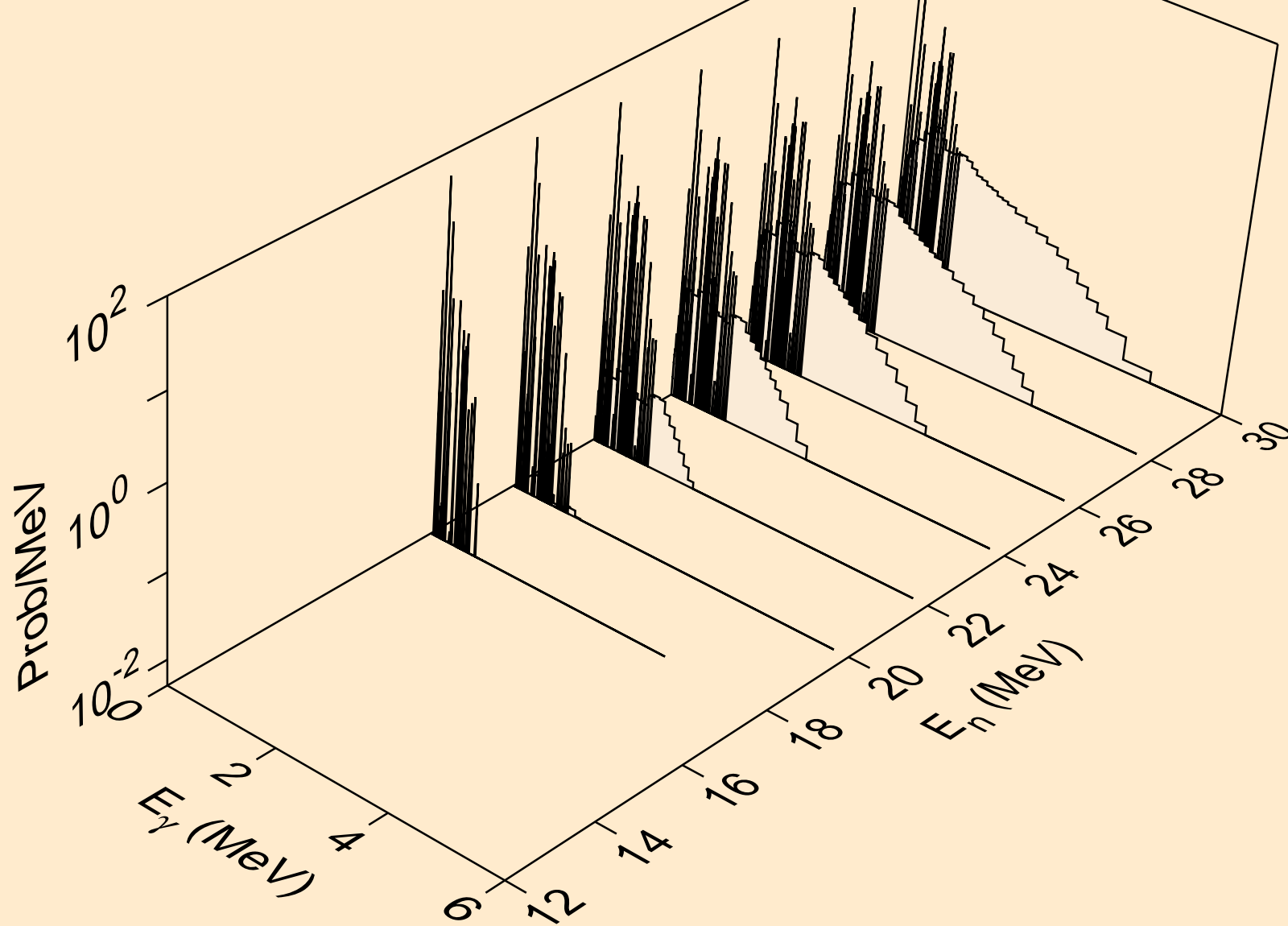
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Photon emission for (n,2p)



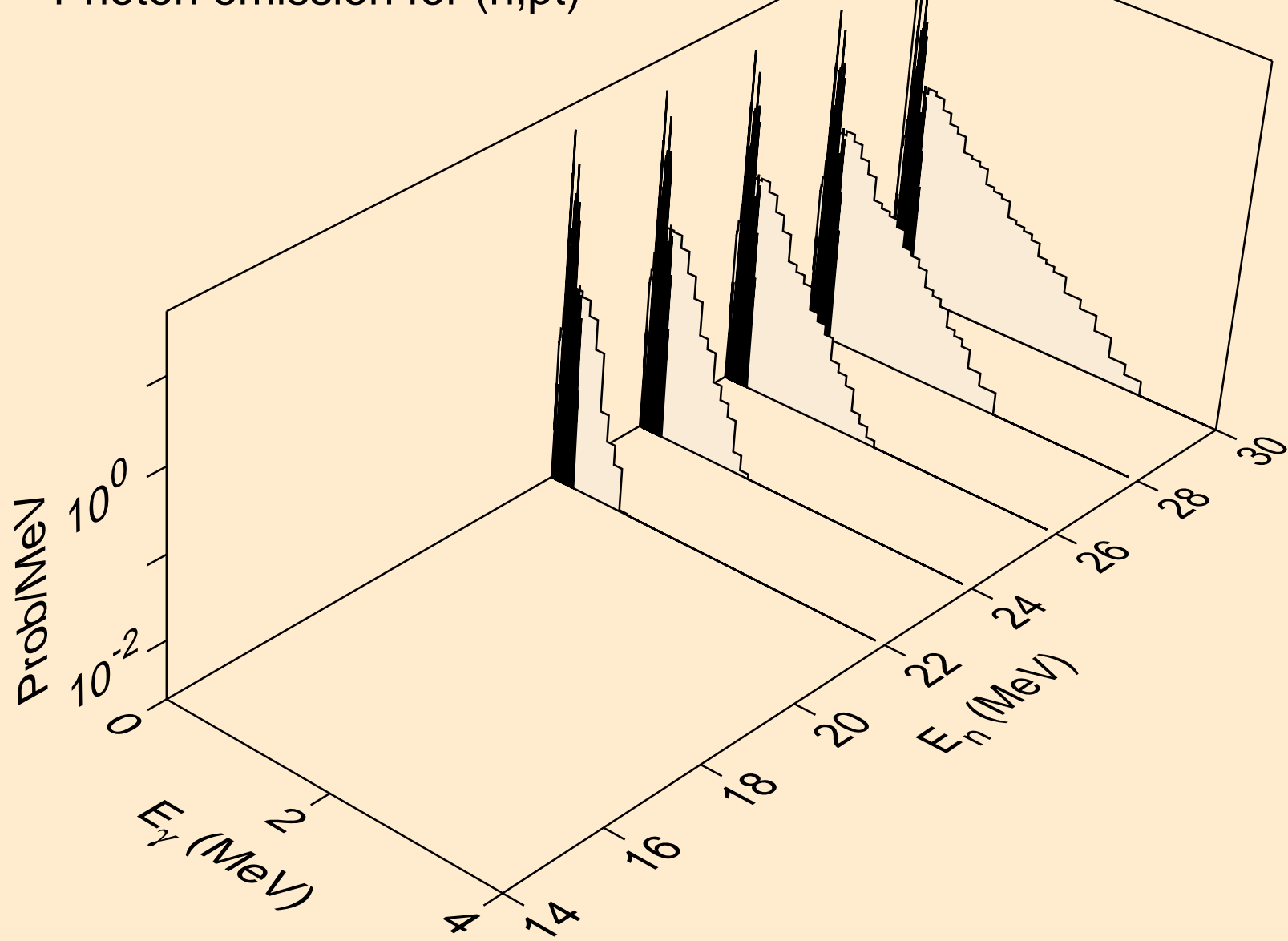
XE127M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



XE127M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)

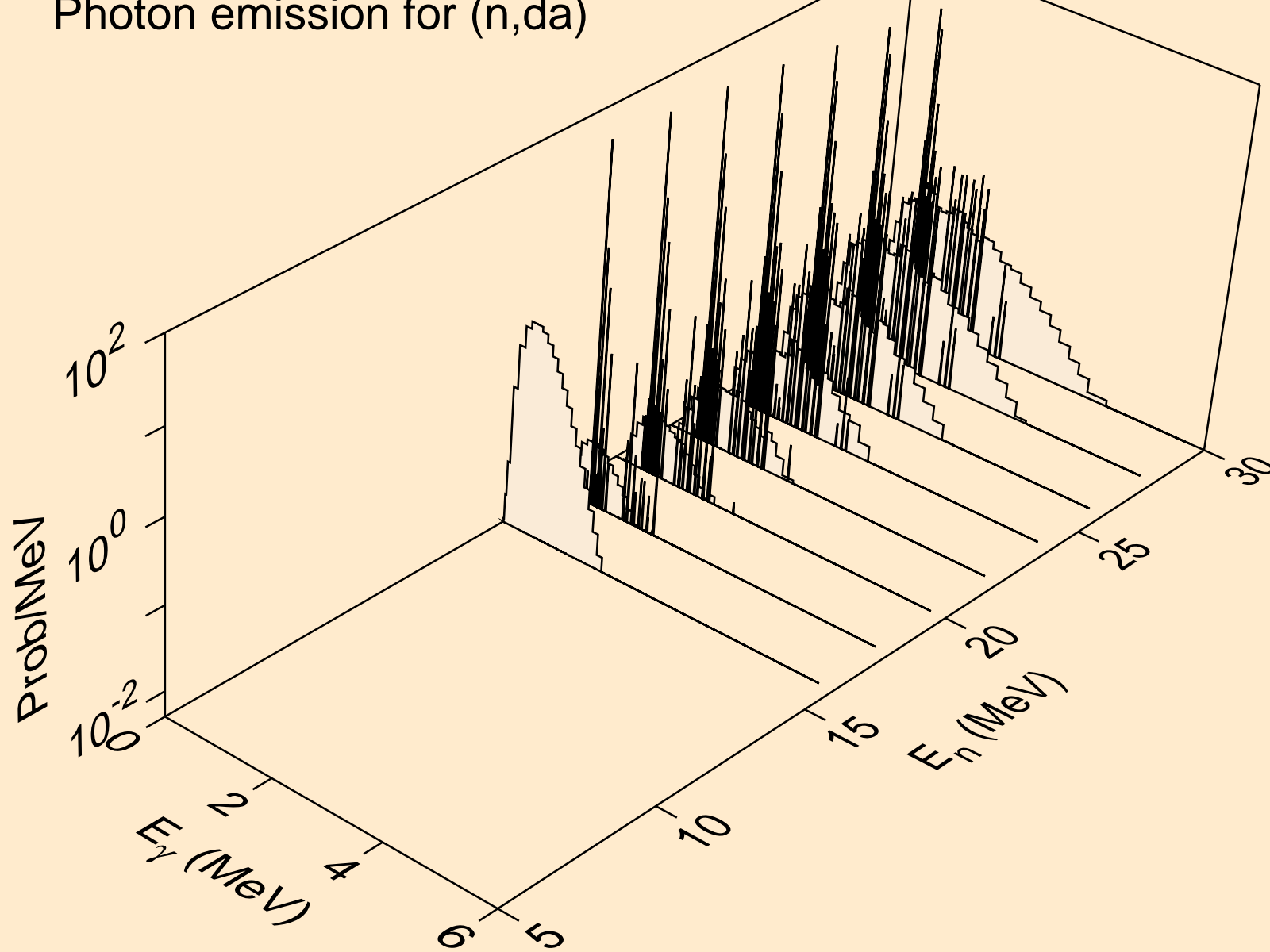


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Photon emission for (n,pt)



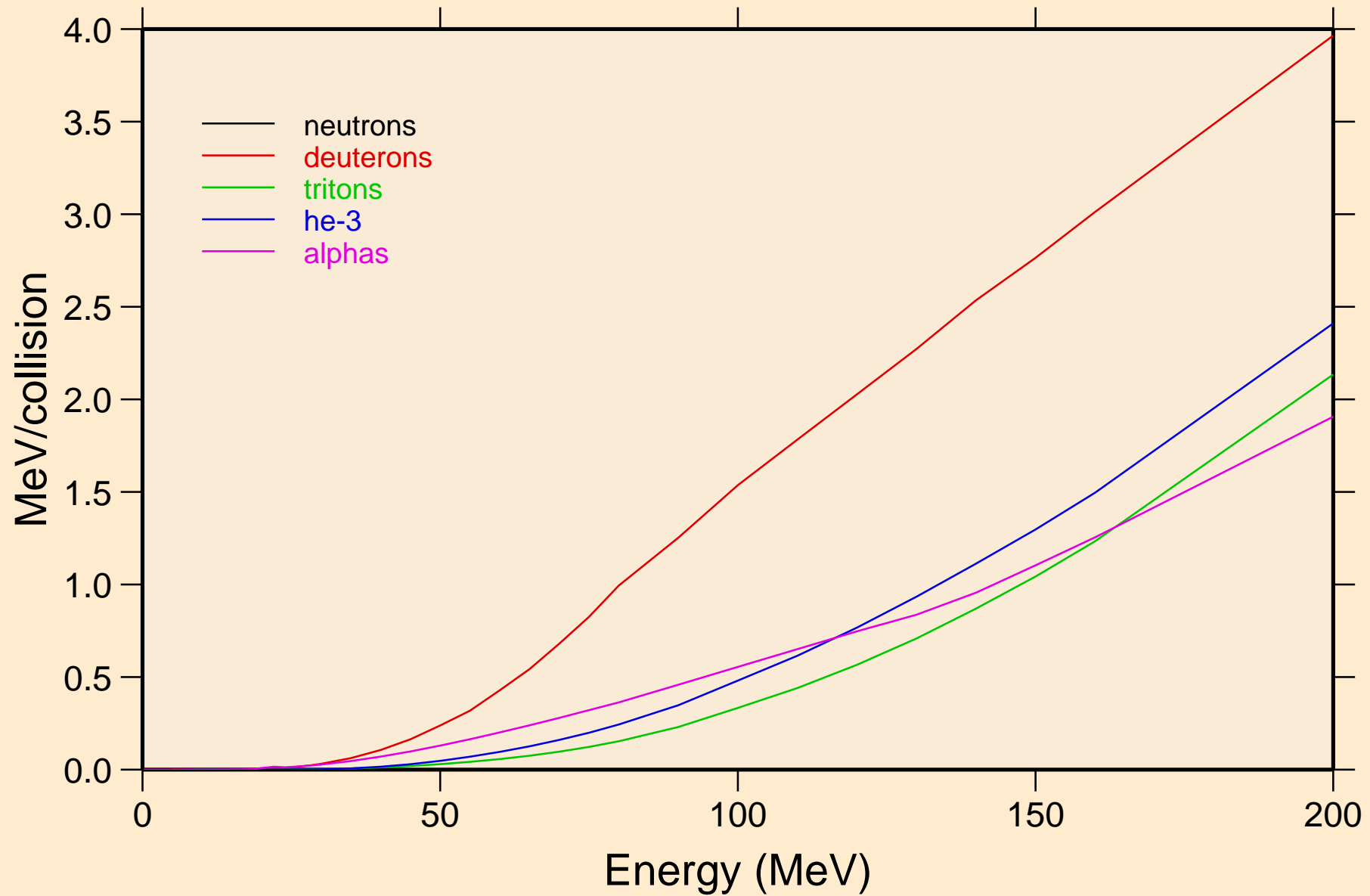


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Photon emission for (n,da)

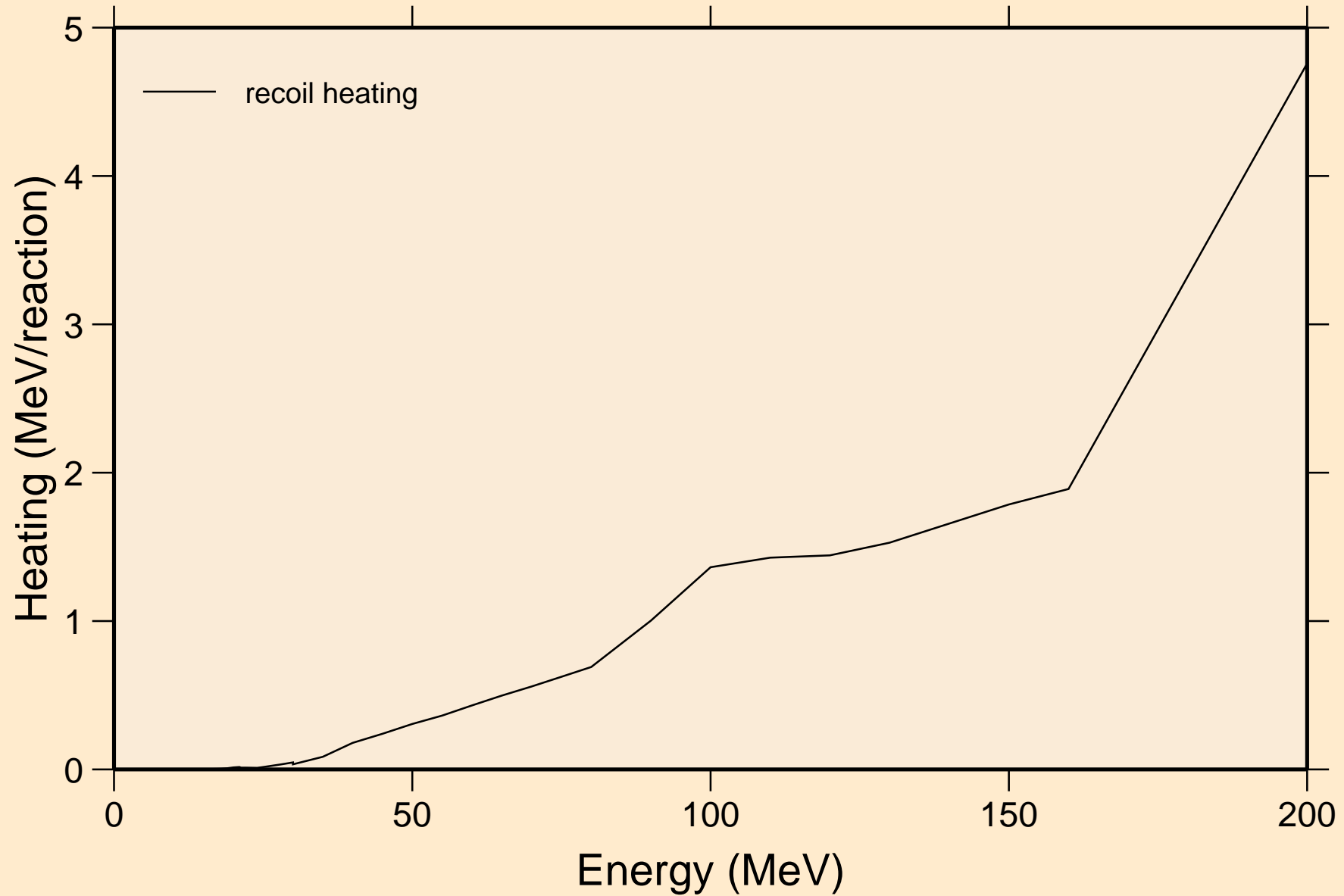


# XE127M PROTON ACER TENDL-2023 LIBRARY; T=0.K

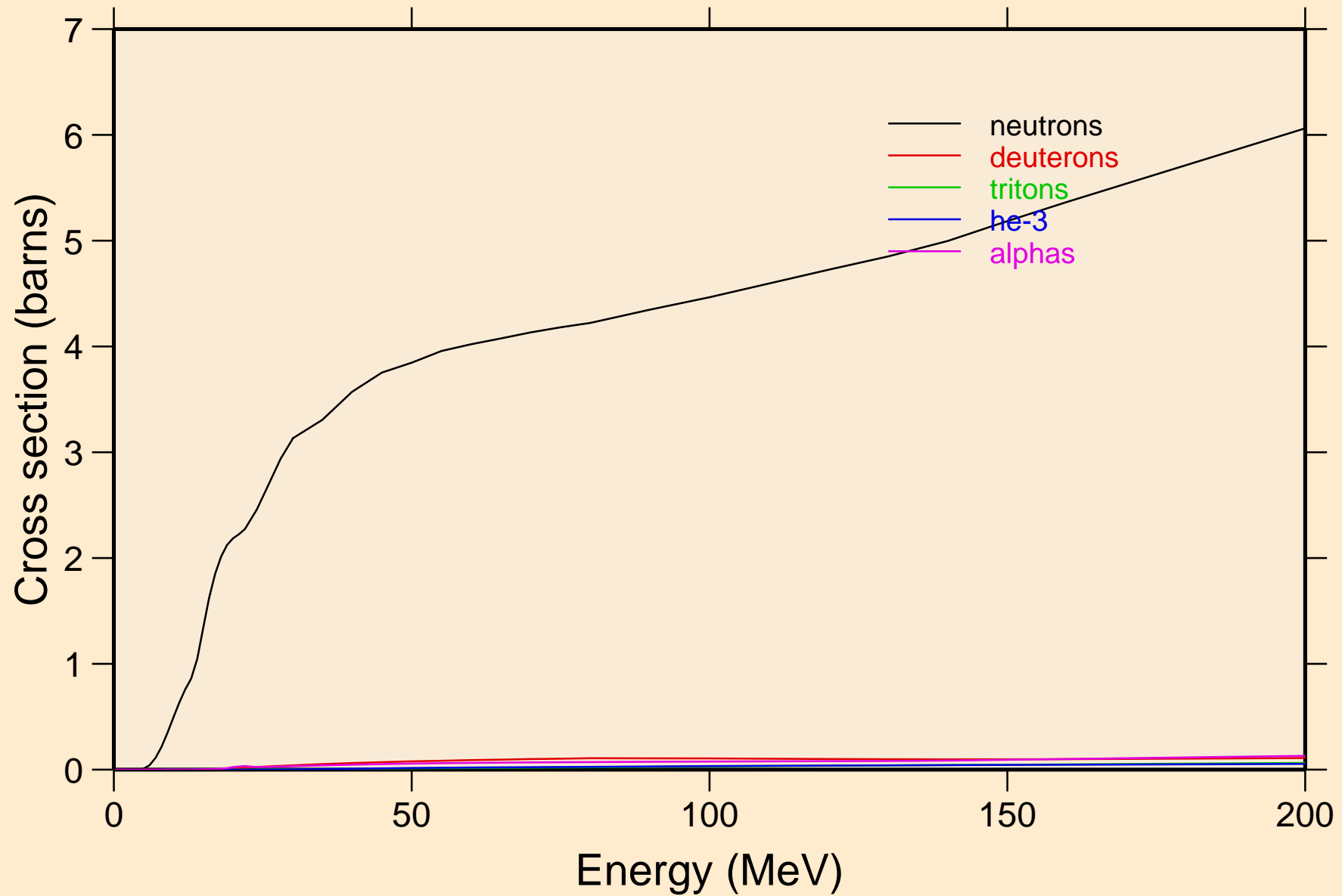
## Particle heating contributions



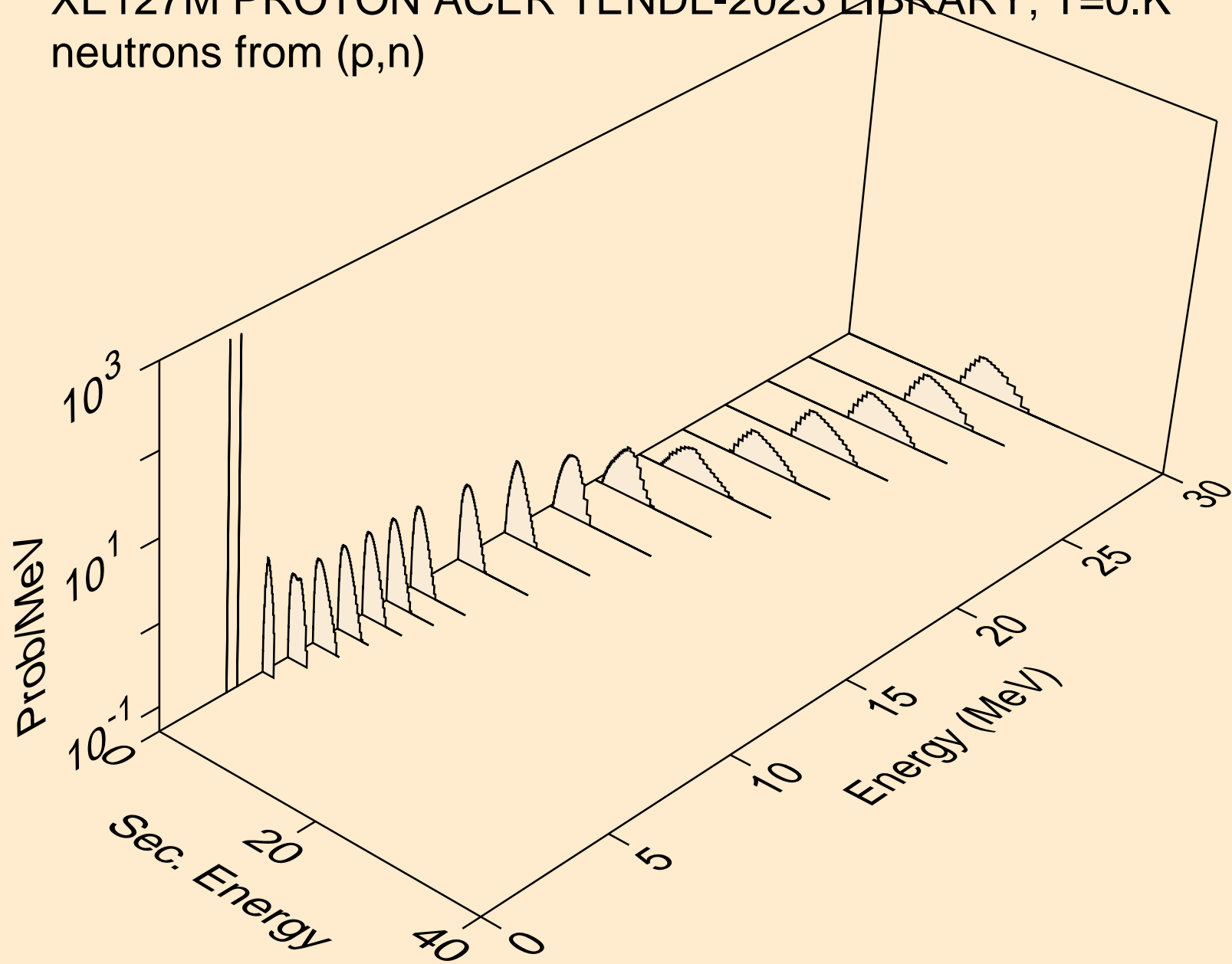
XE127M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



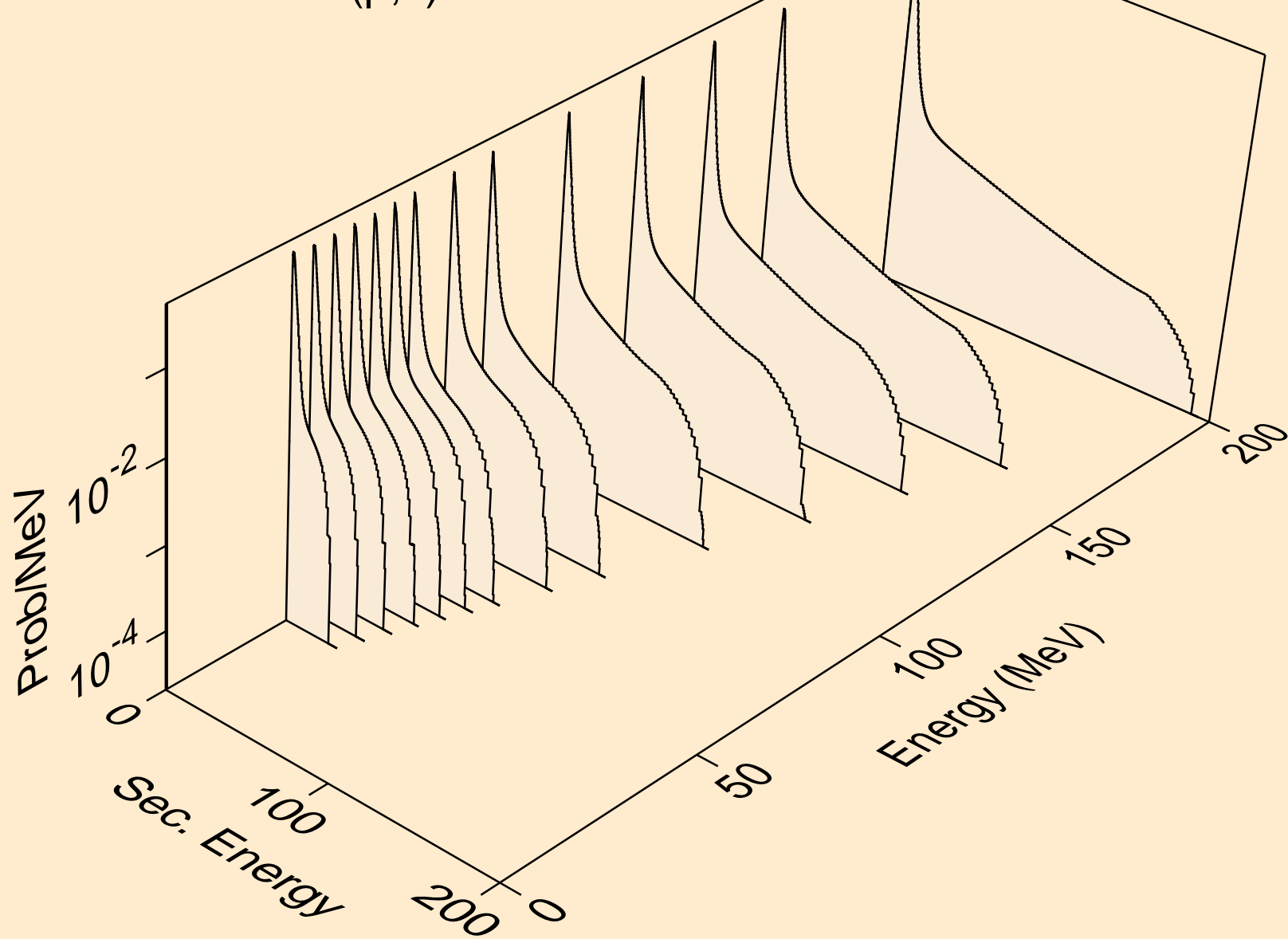
XE127M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



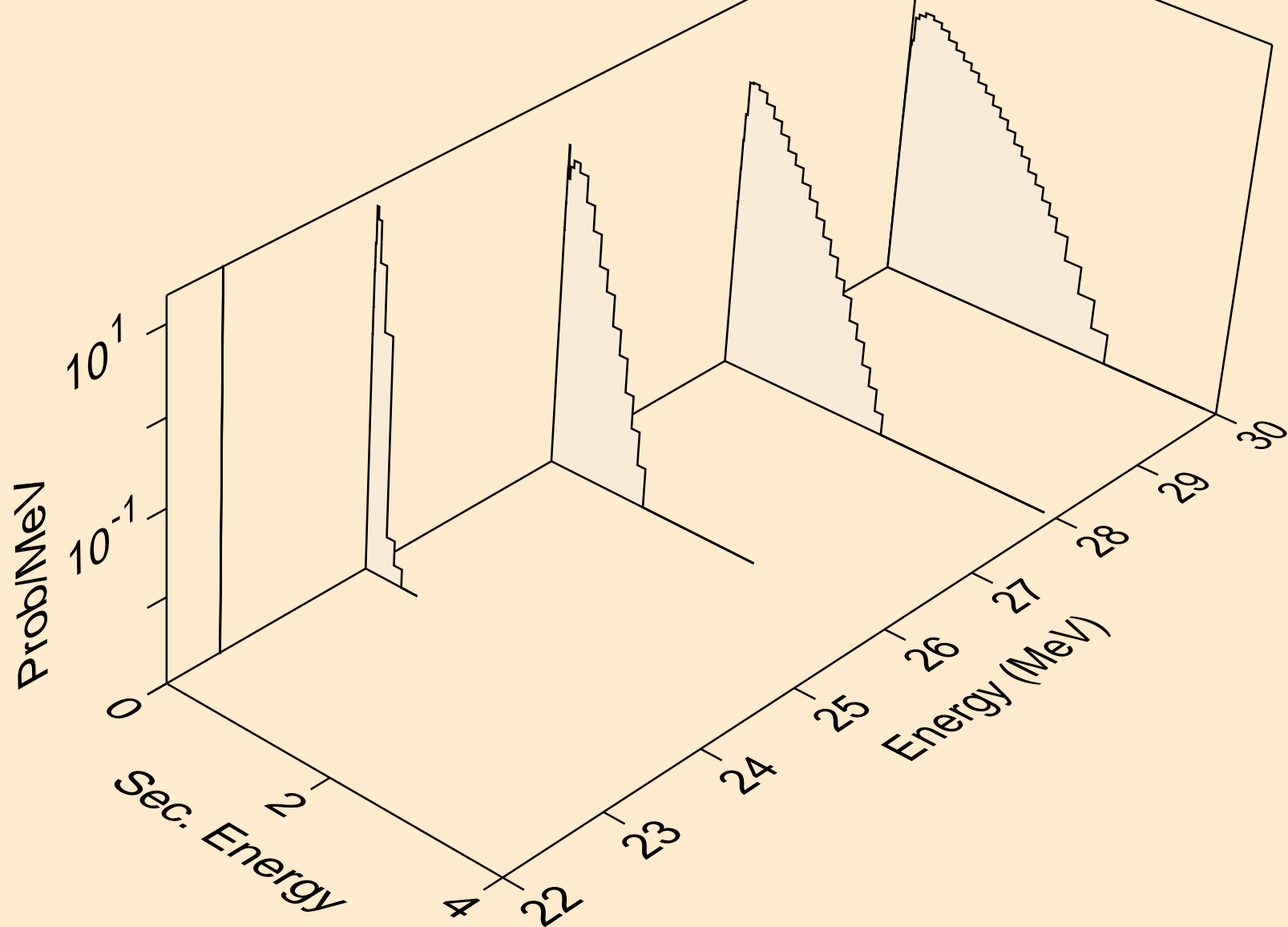
XE127M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)



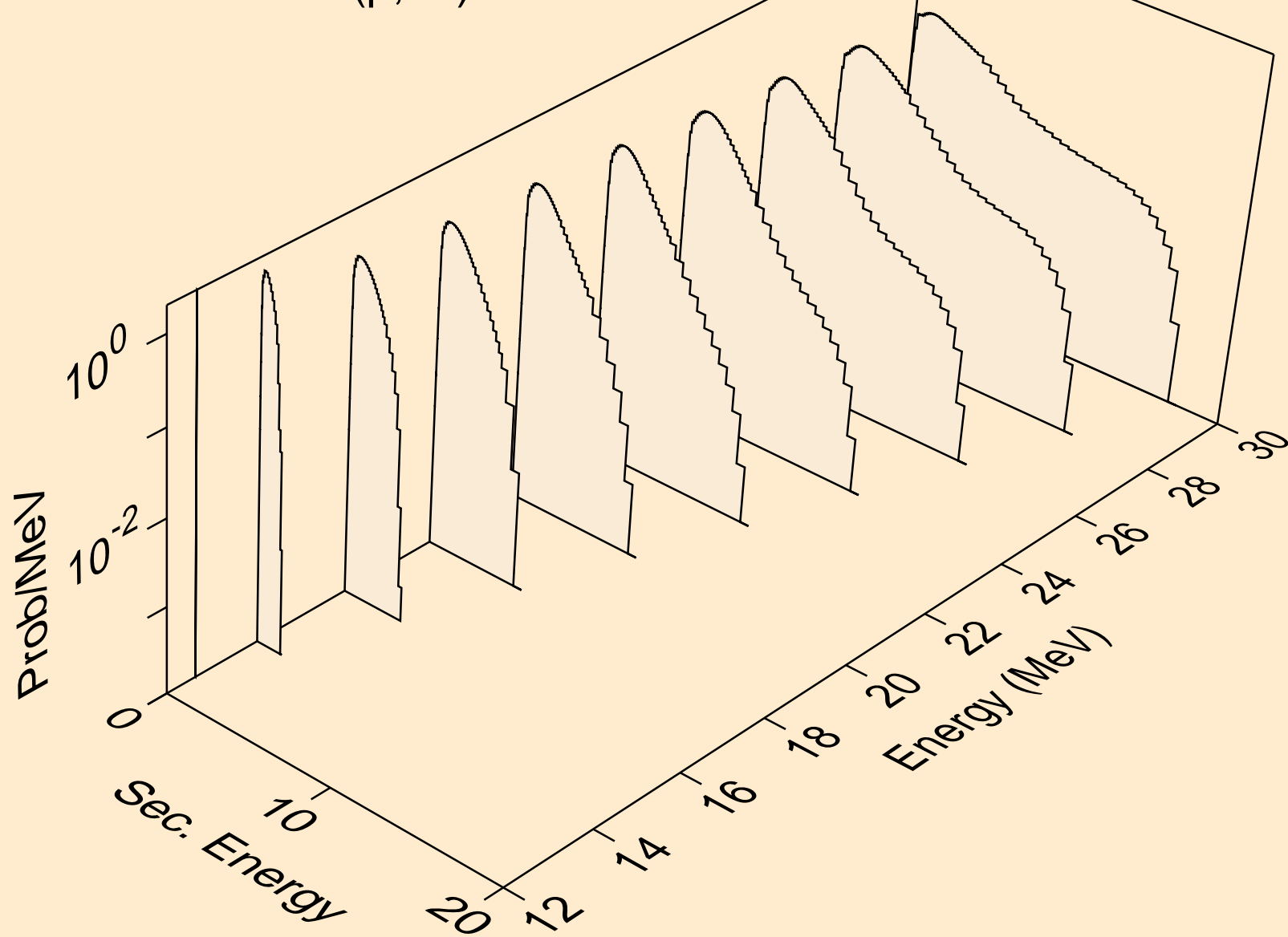
XE127M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)



XE127M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2nd)

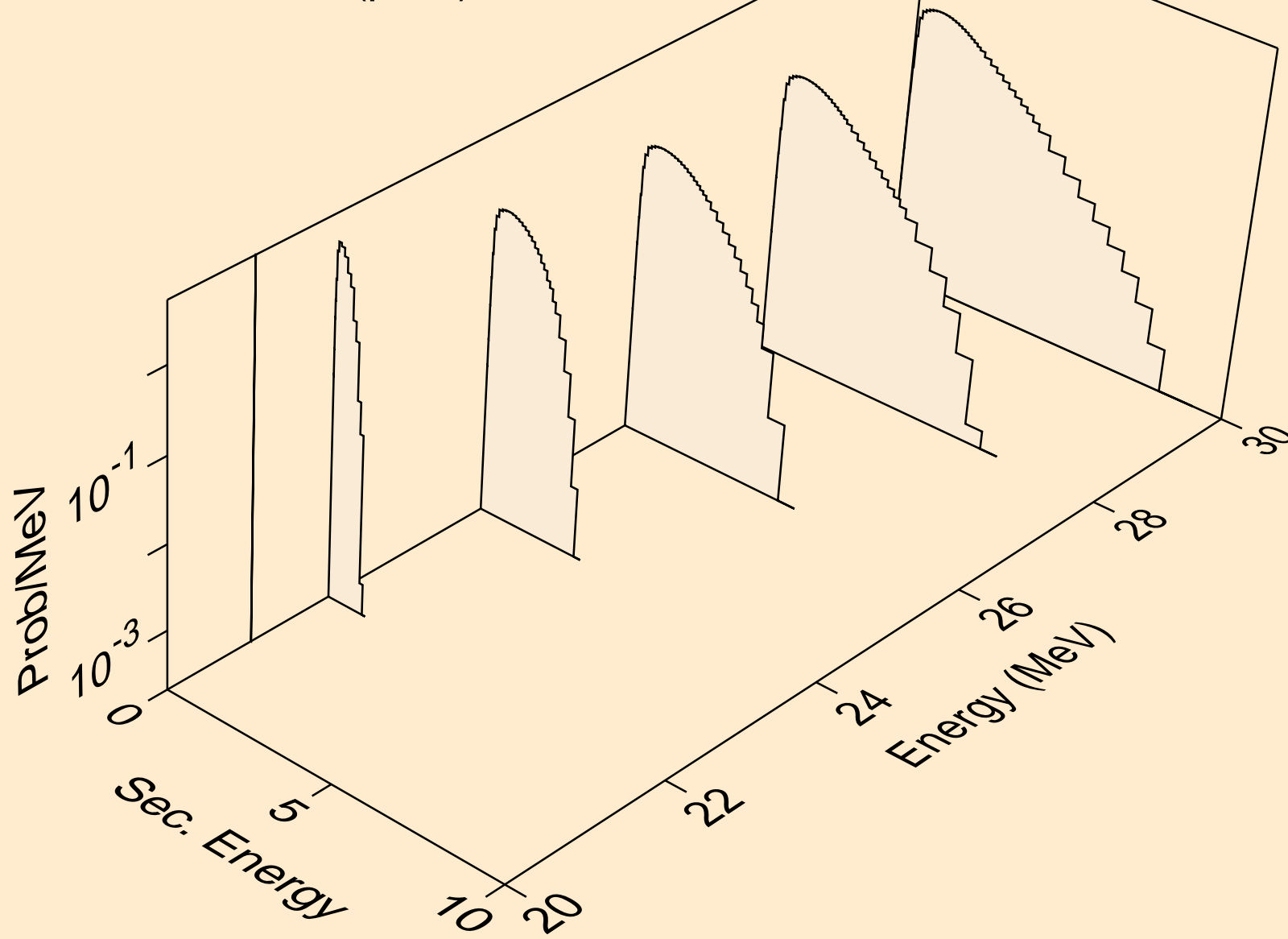


XE127M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)

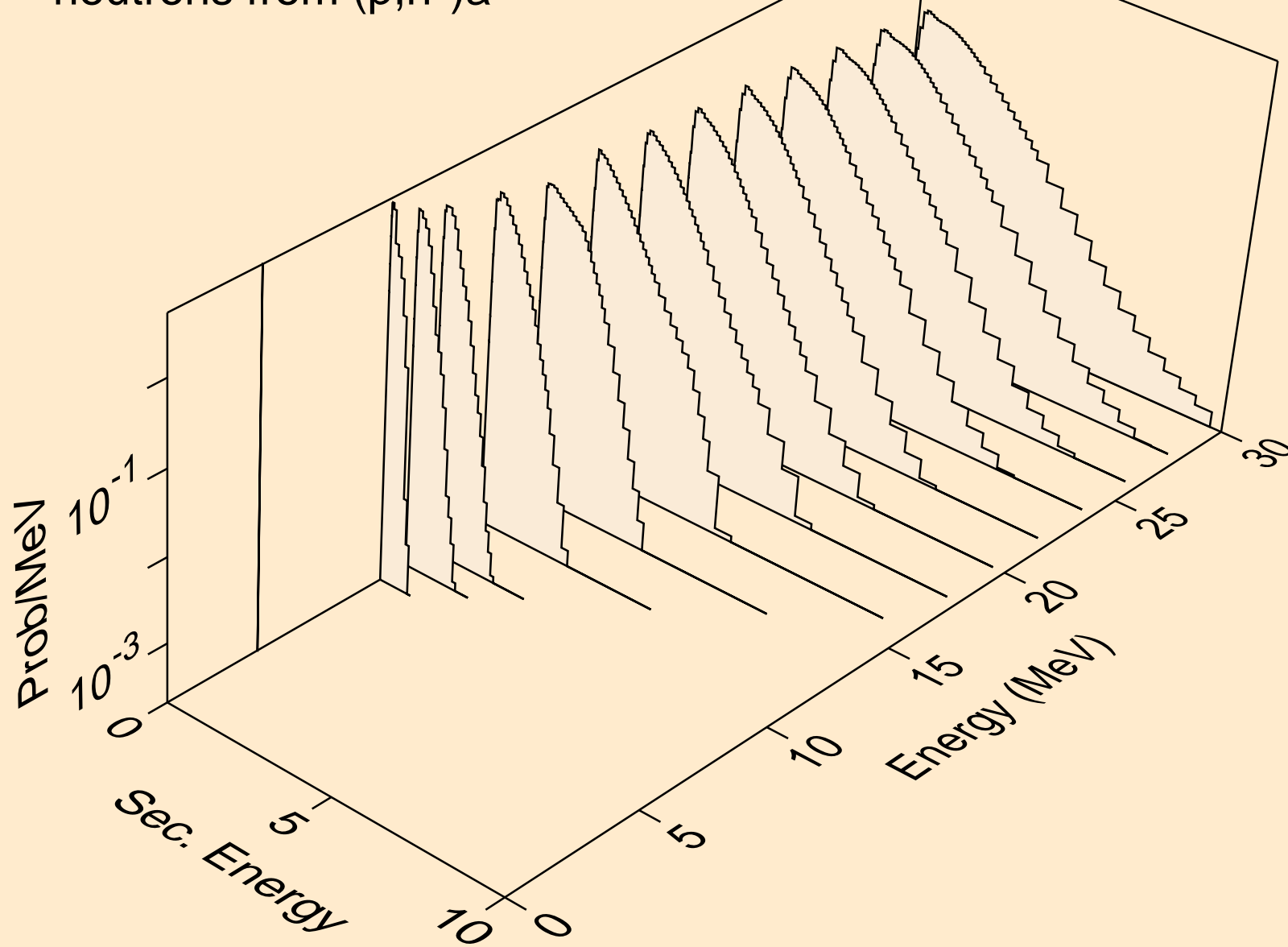




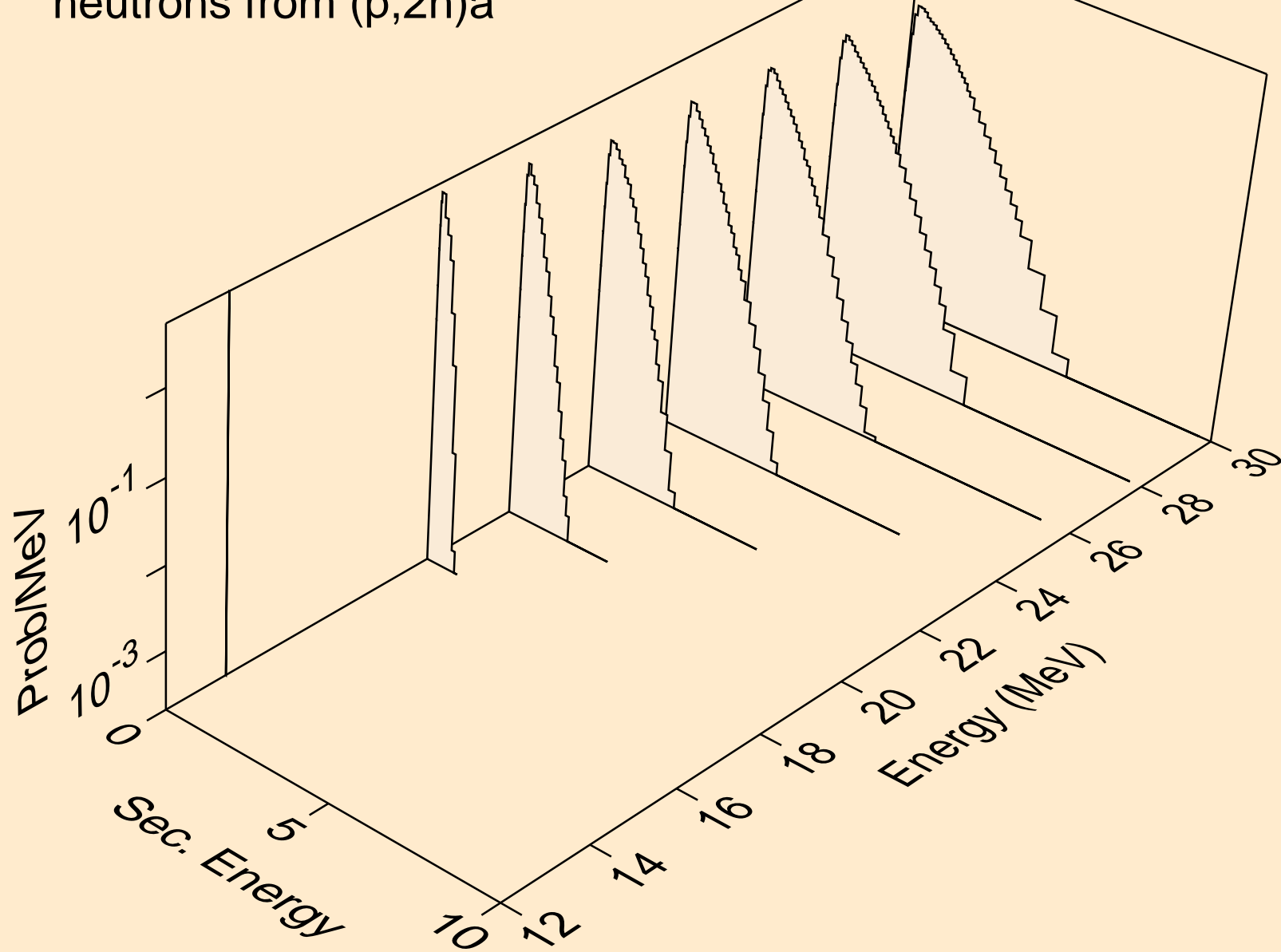
XE127M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)



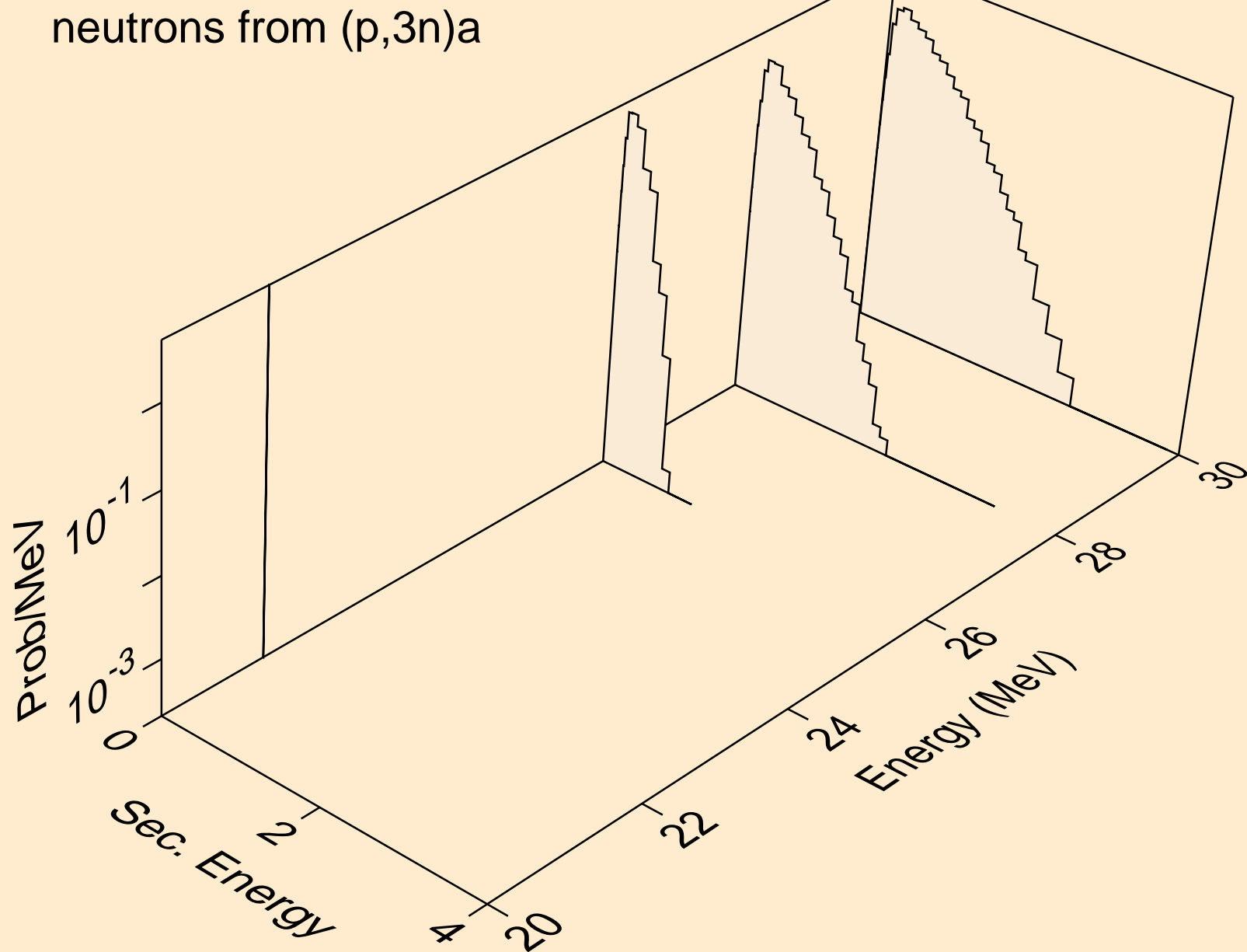
XE127M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a



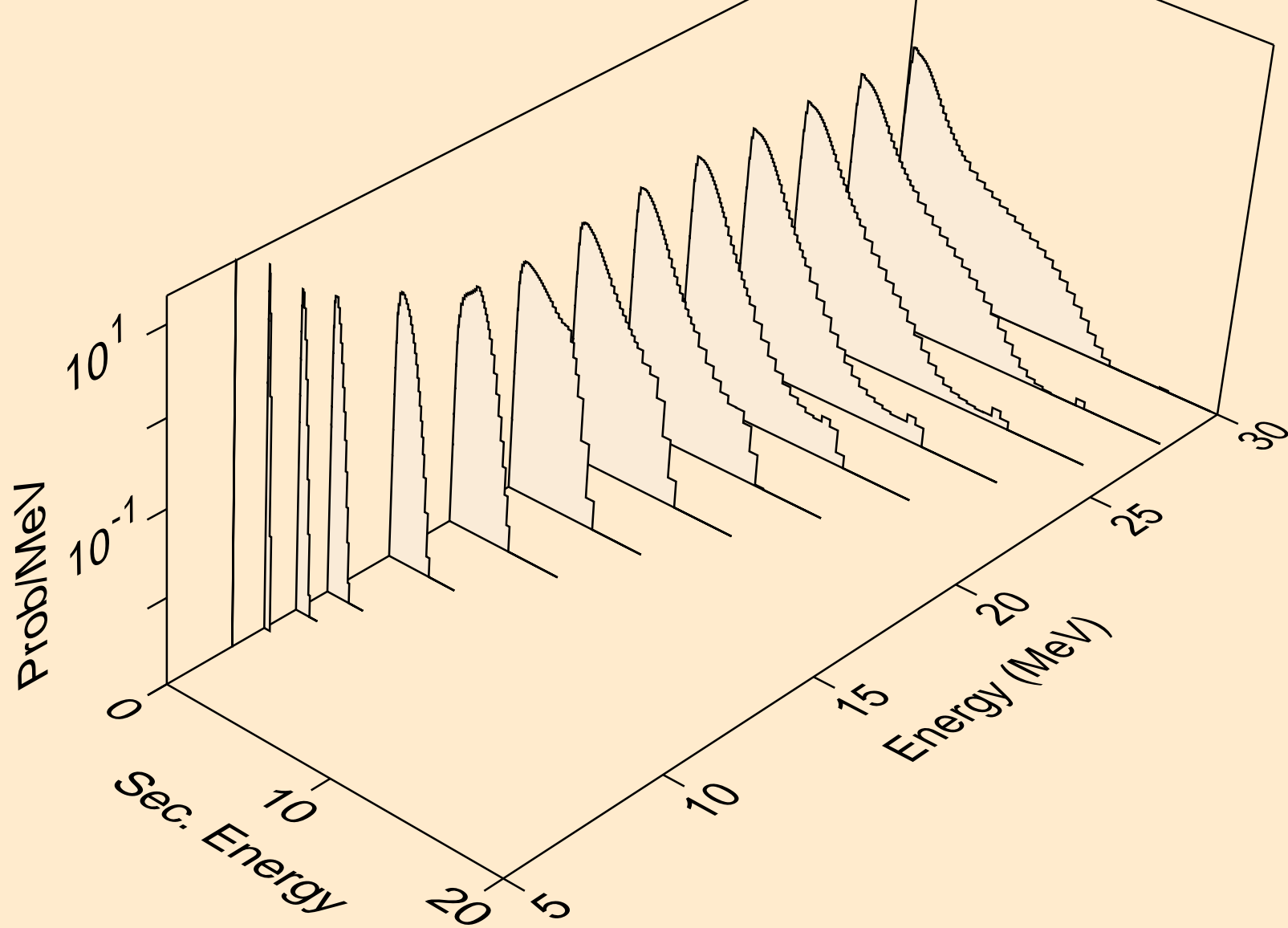
XE127M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)a



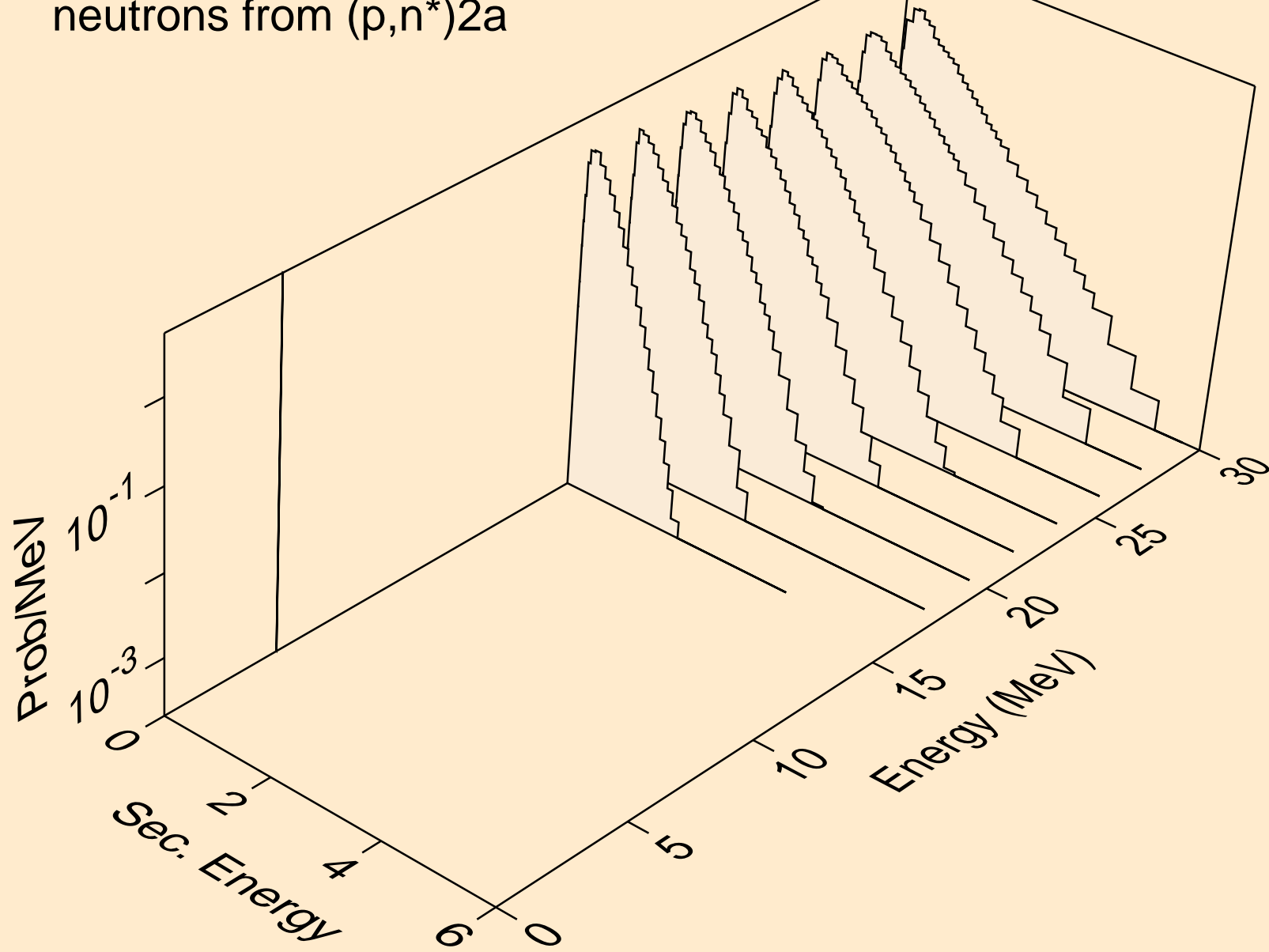
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neutrons from (p,3n)a



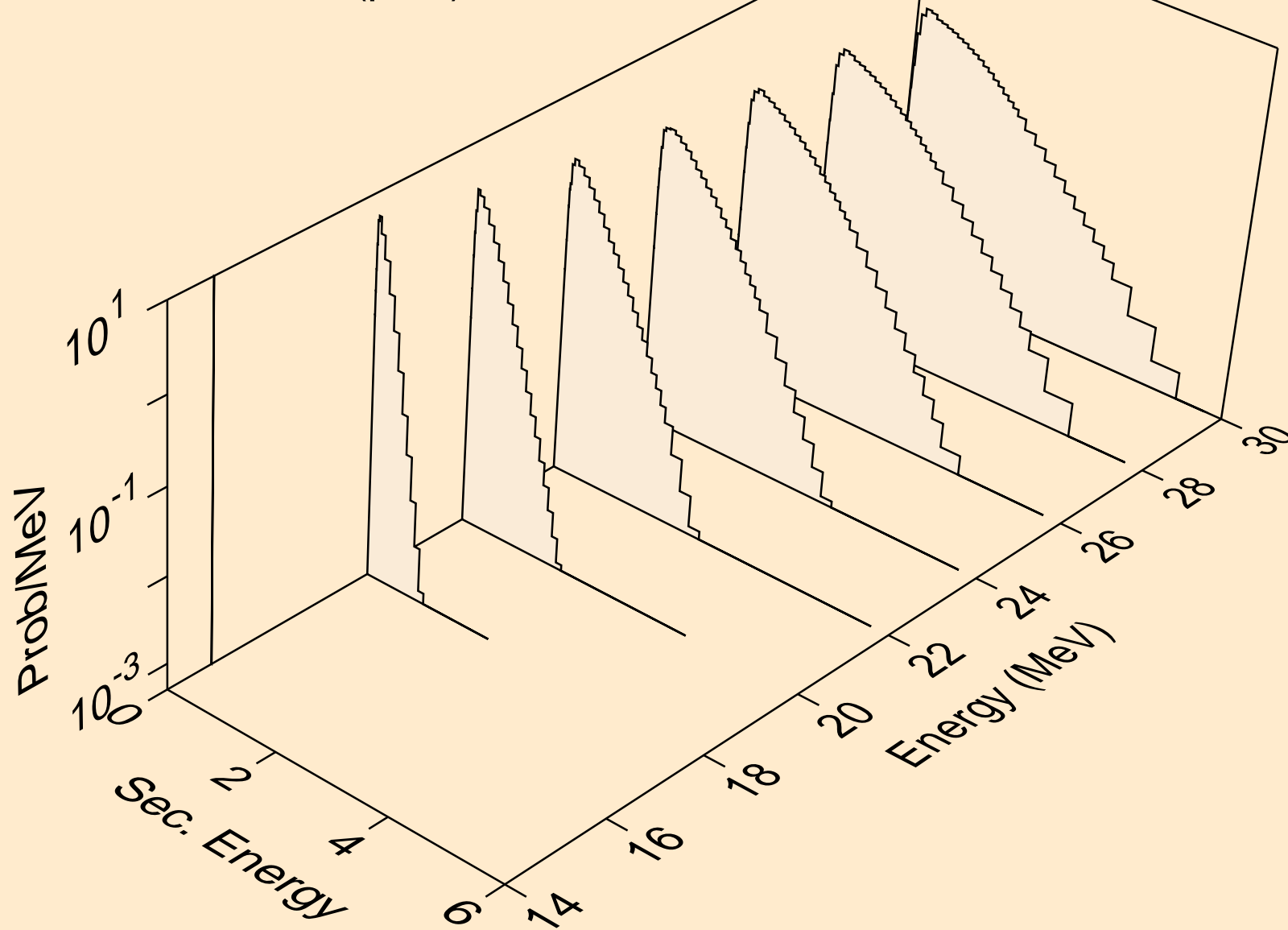
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neutrons from (p,n\*)p



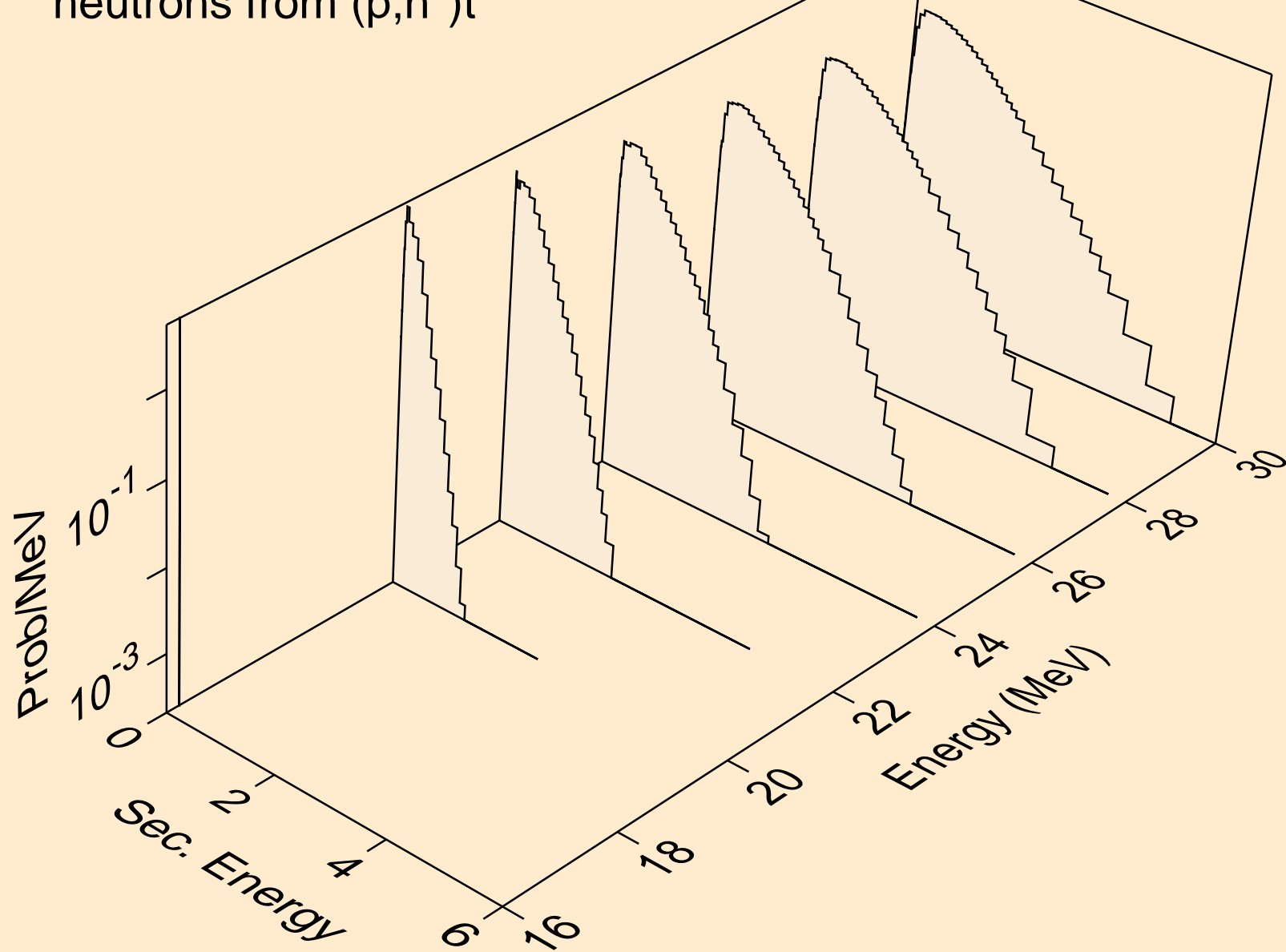
XE127M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)2a



XE127M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)d

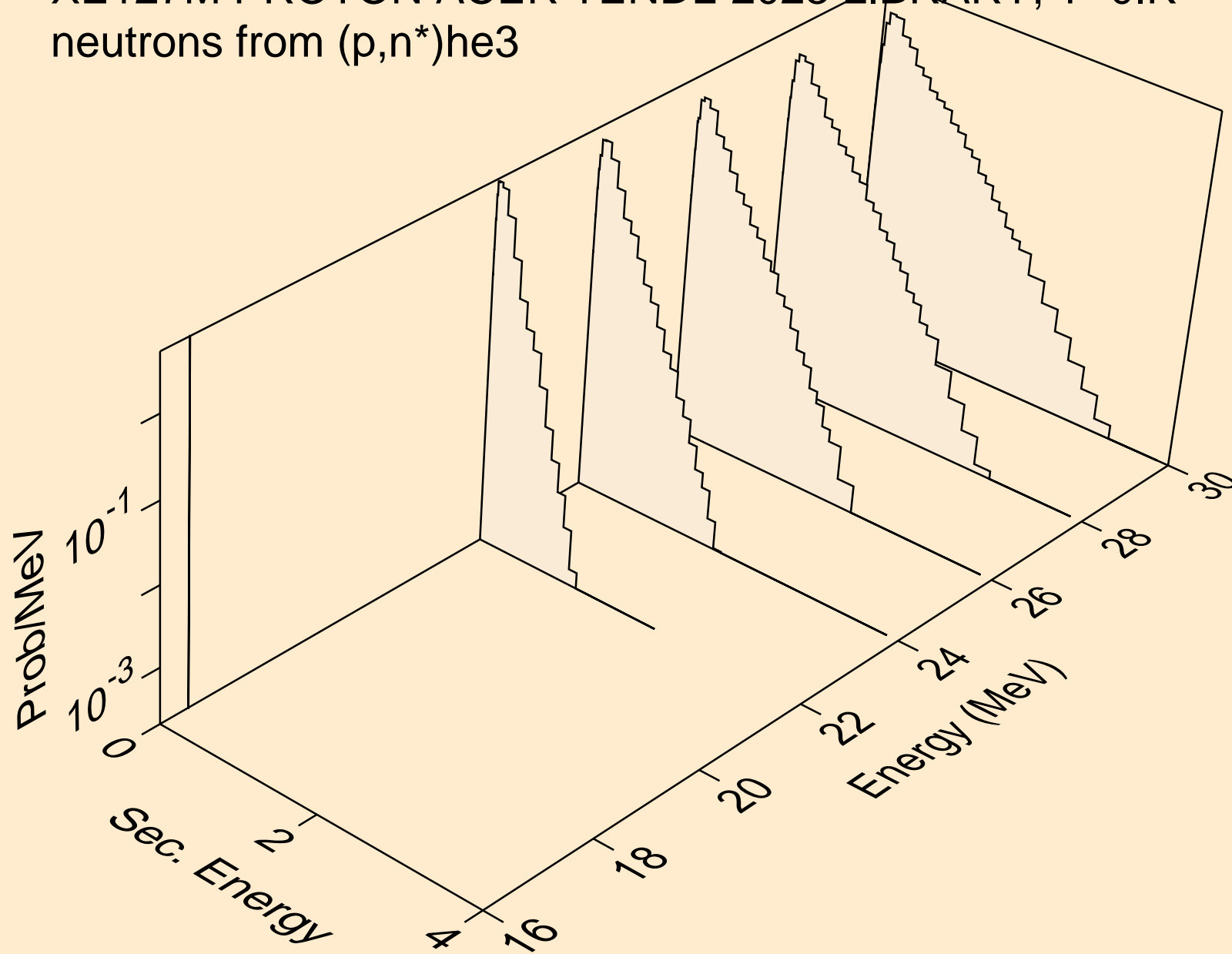


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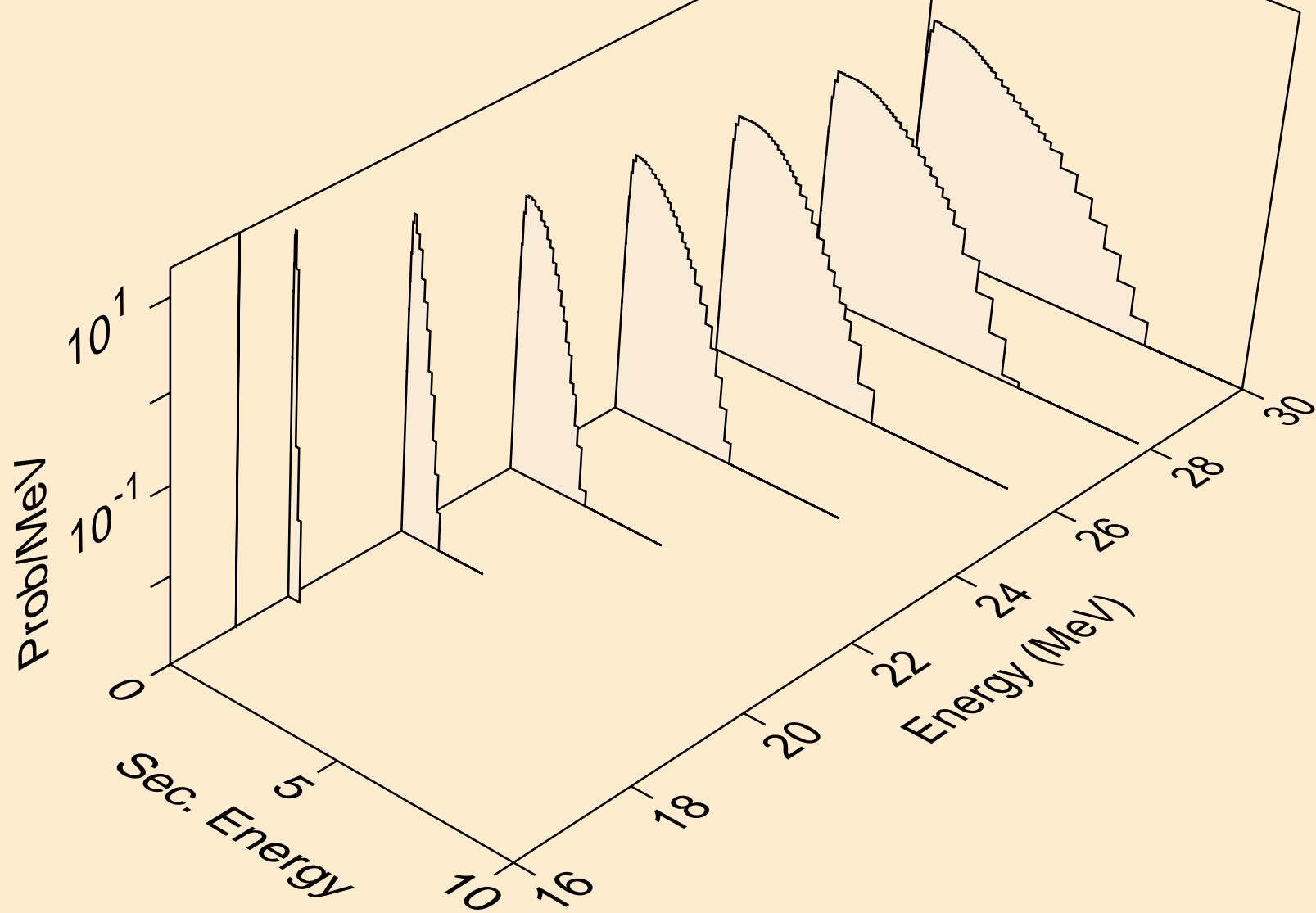




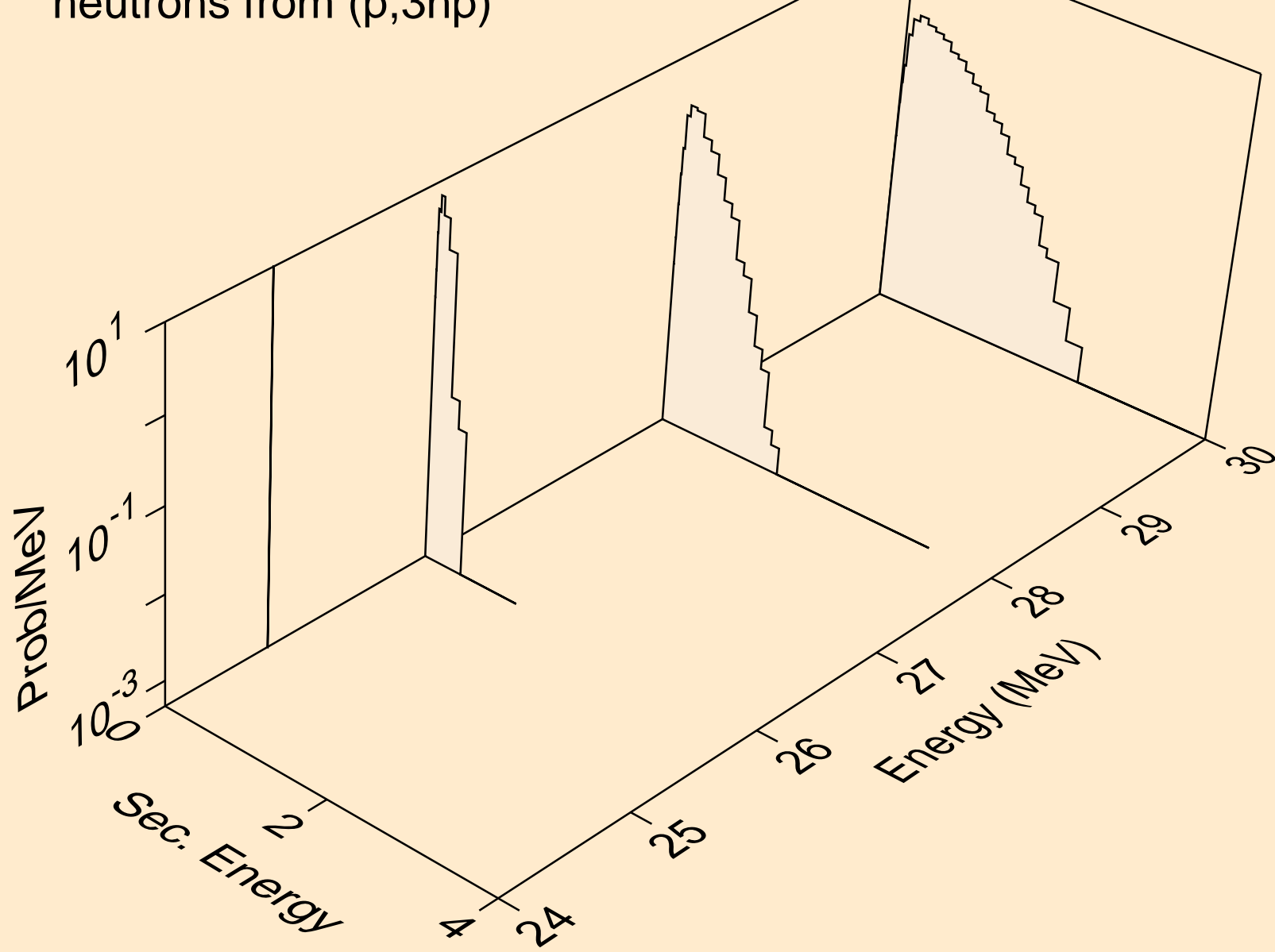
XE127M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



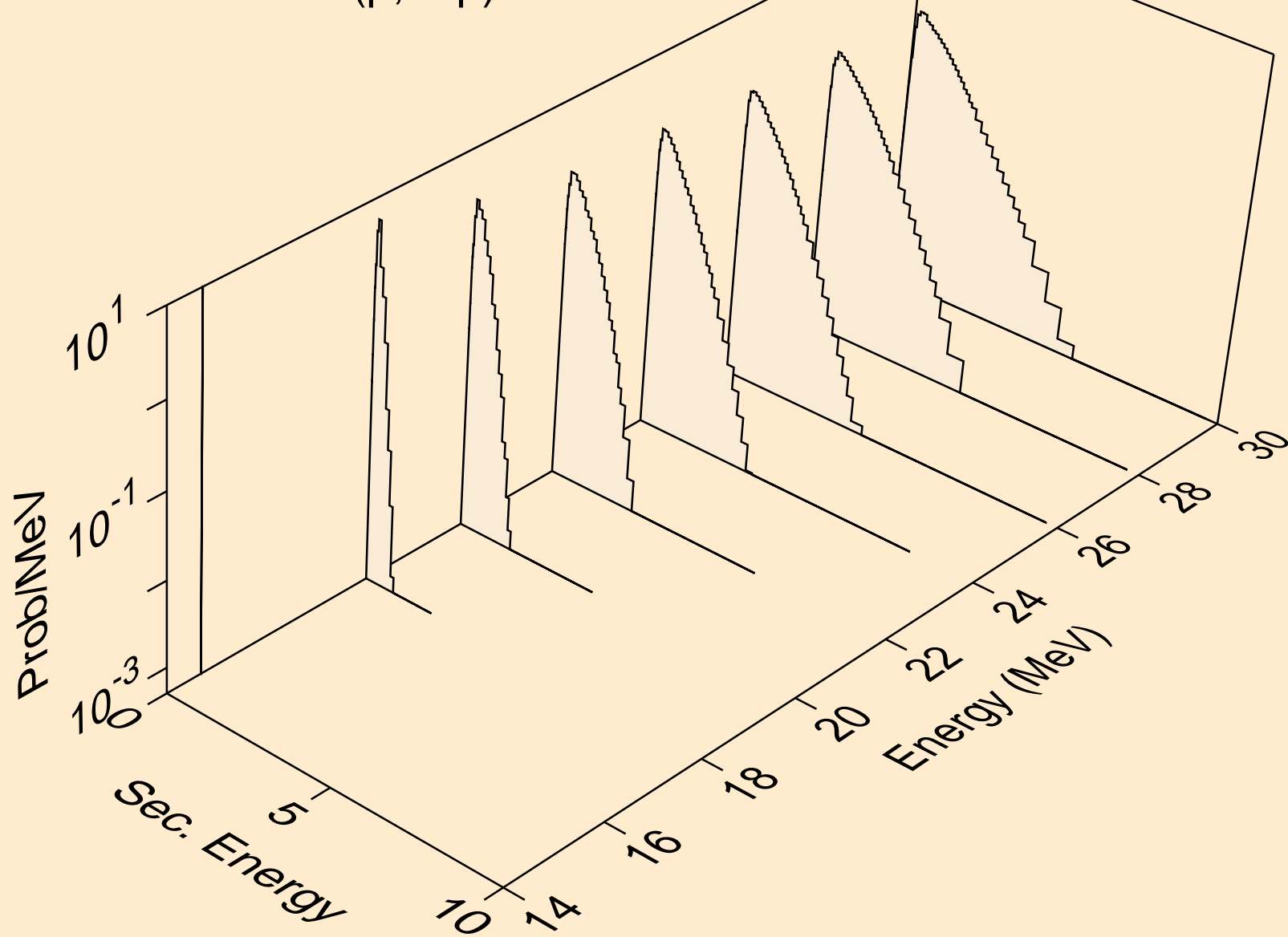
XE127M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2np)



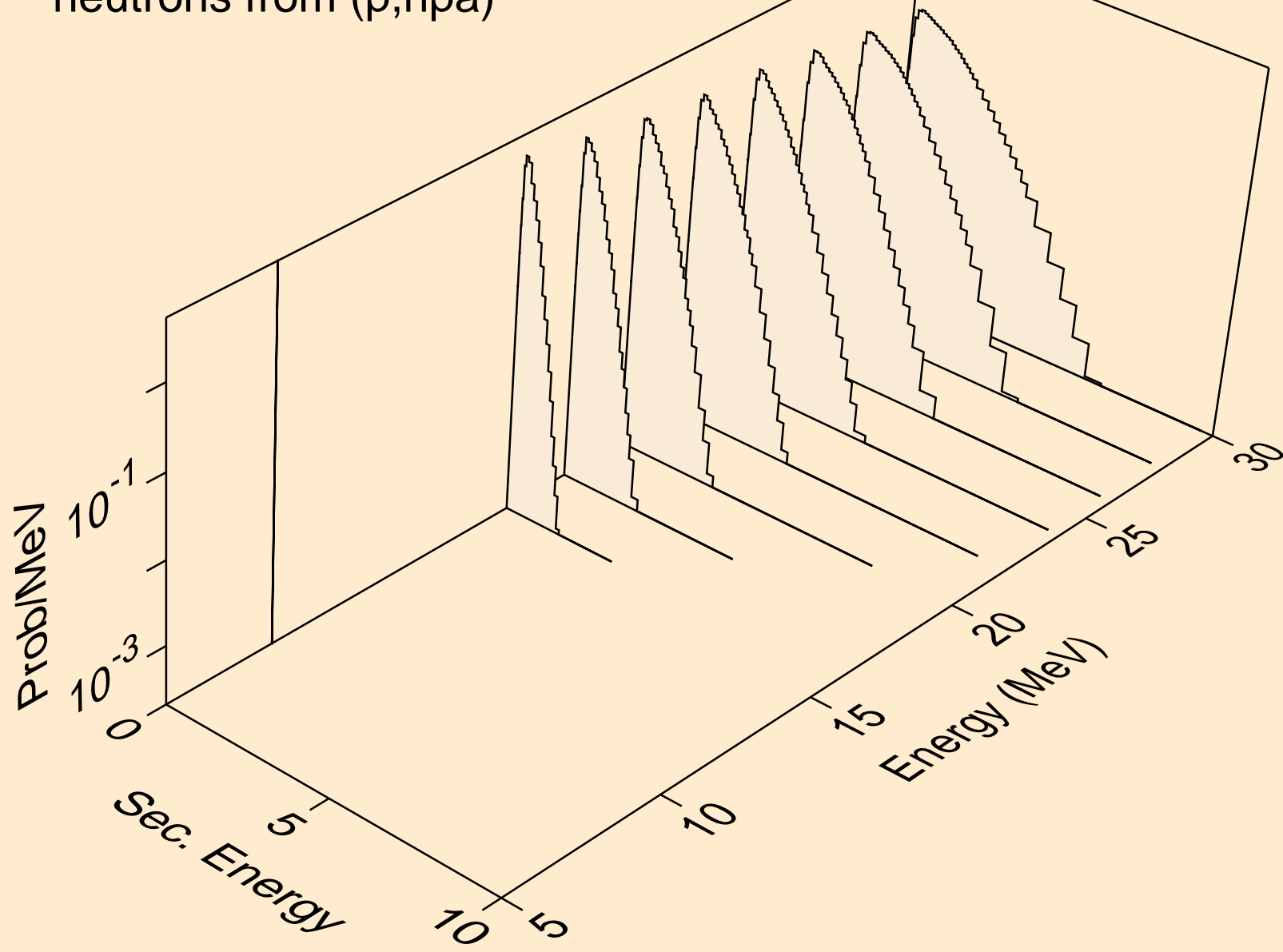
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neutrons from (p,3np)



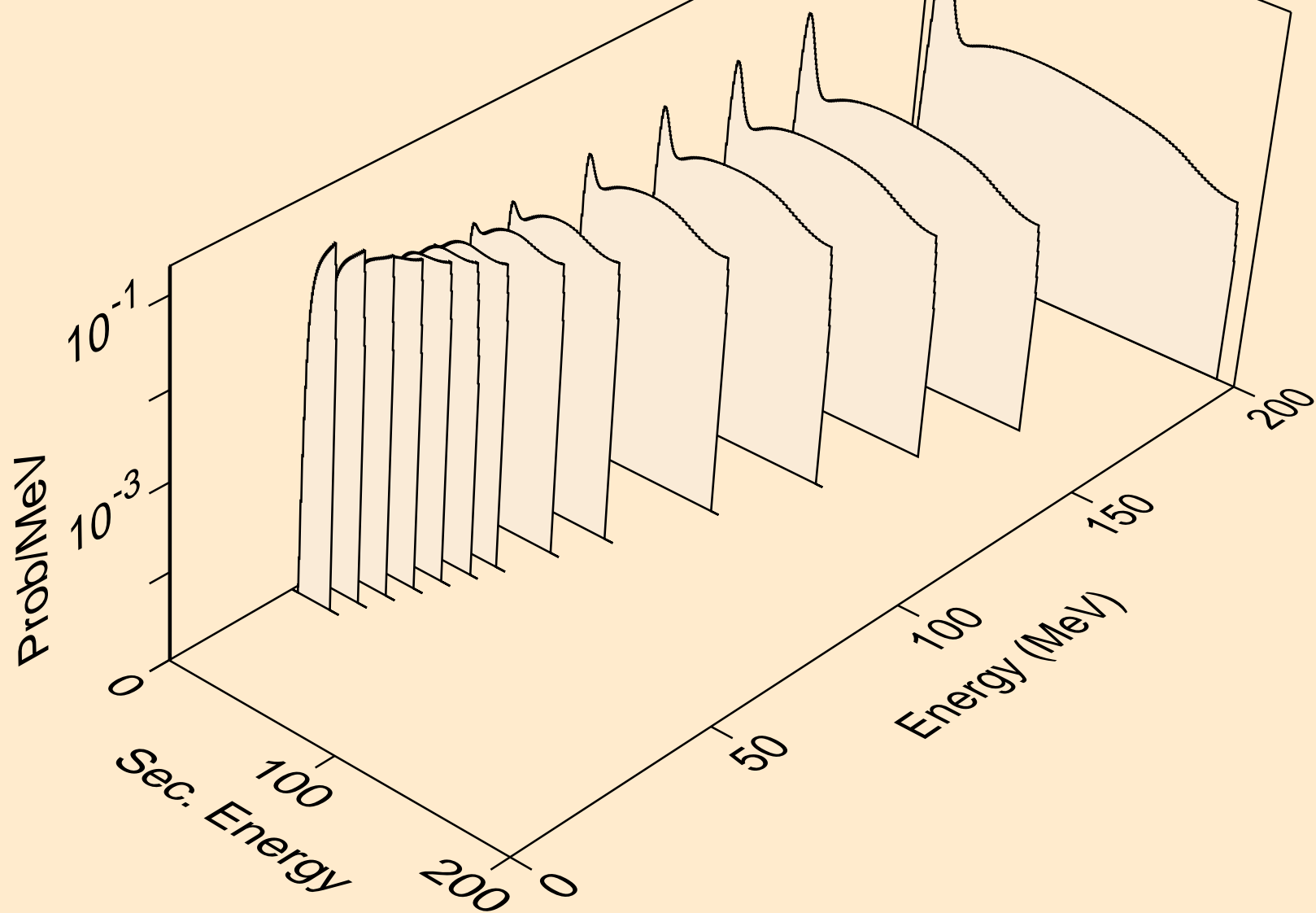
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neutrons from (p,n2p)



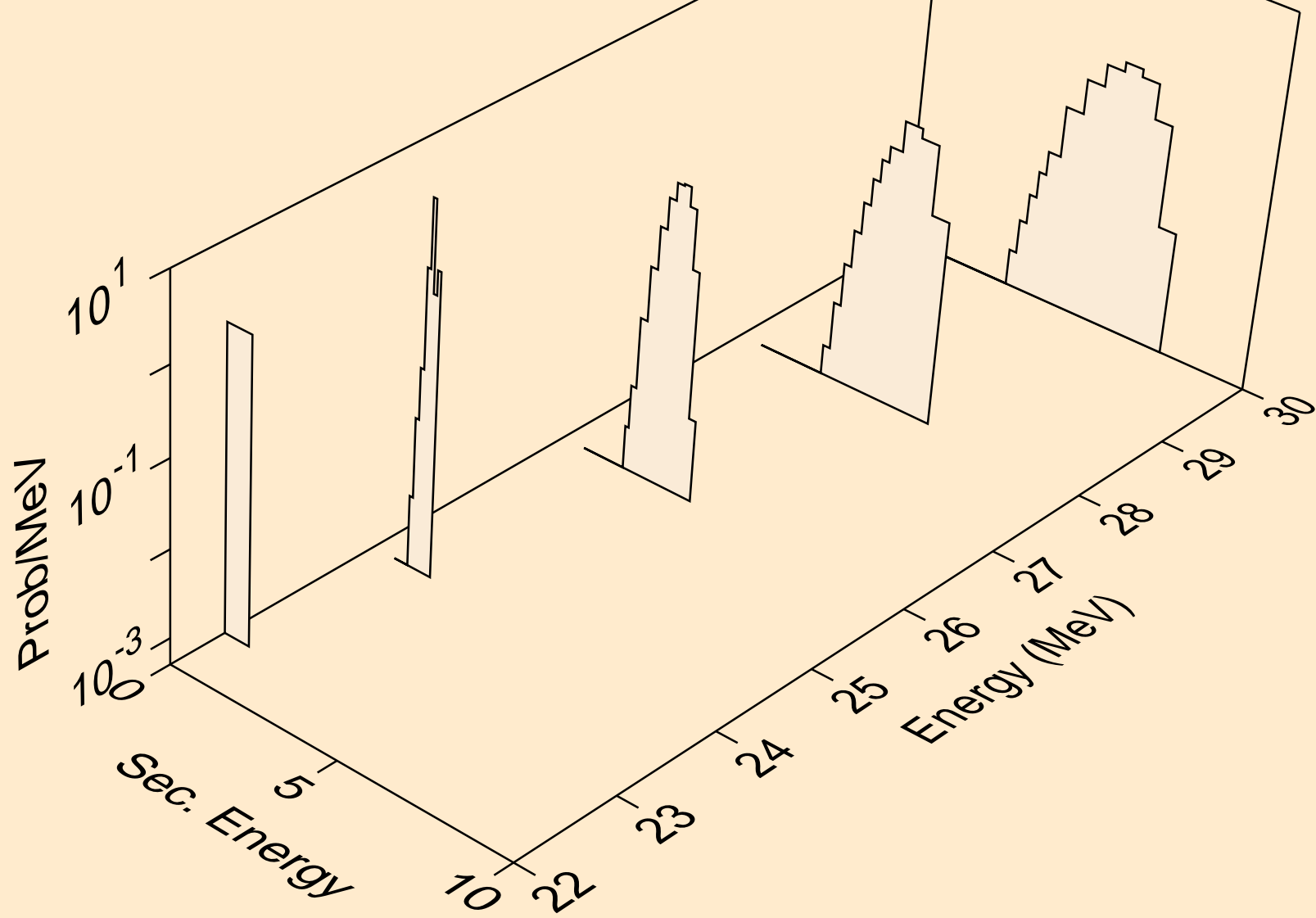
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neutrons from (p,npa)



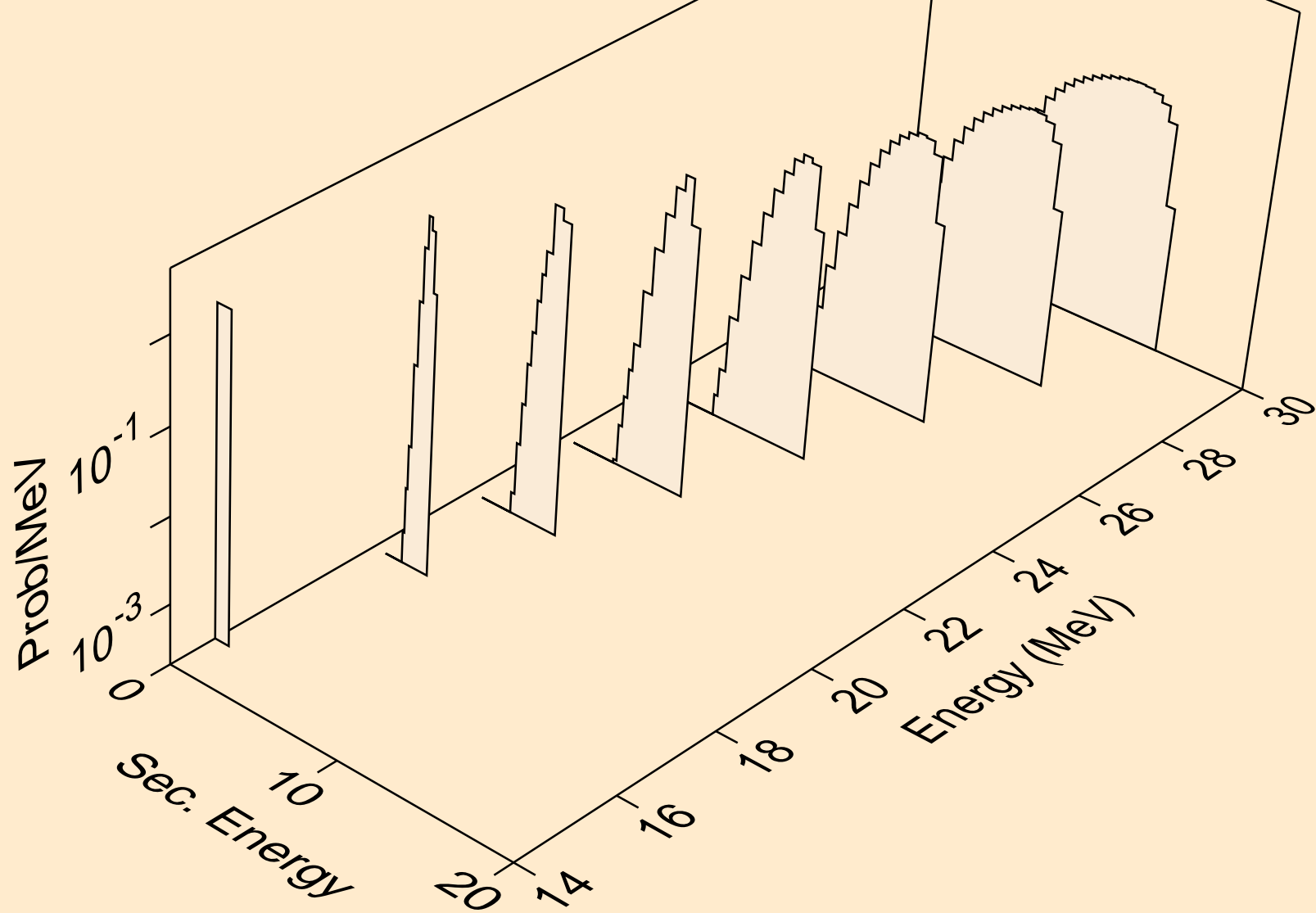
XE127M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,x)



XE127M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,2nd)

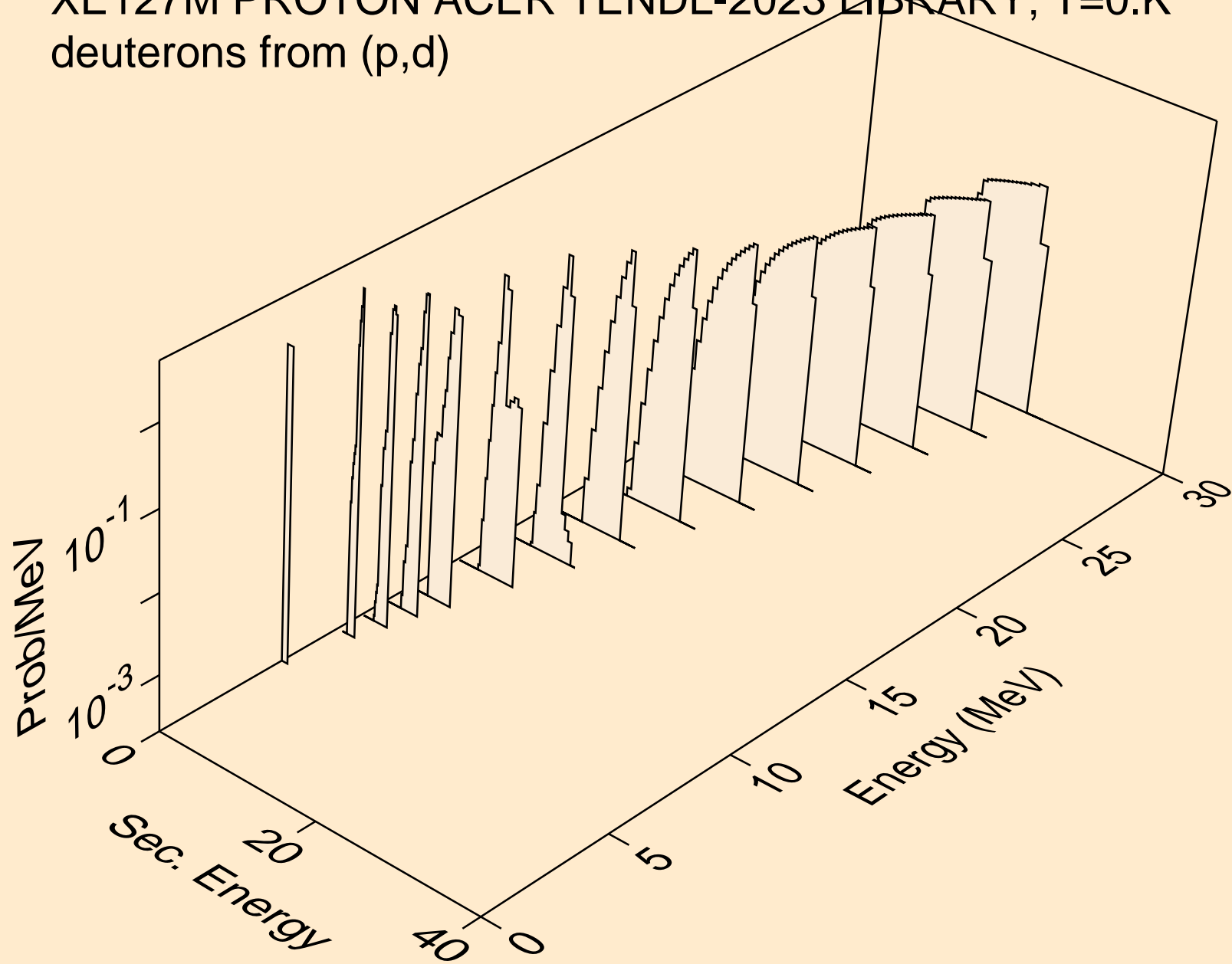


XE127M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,n\*)d

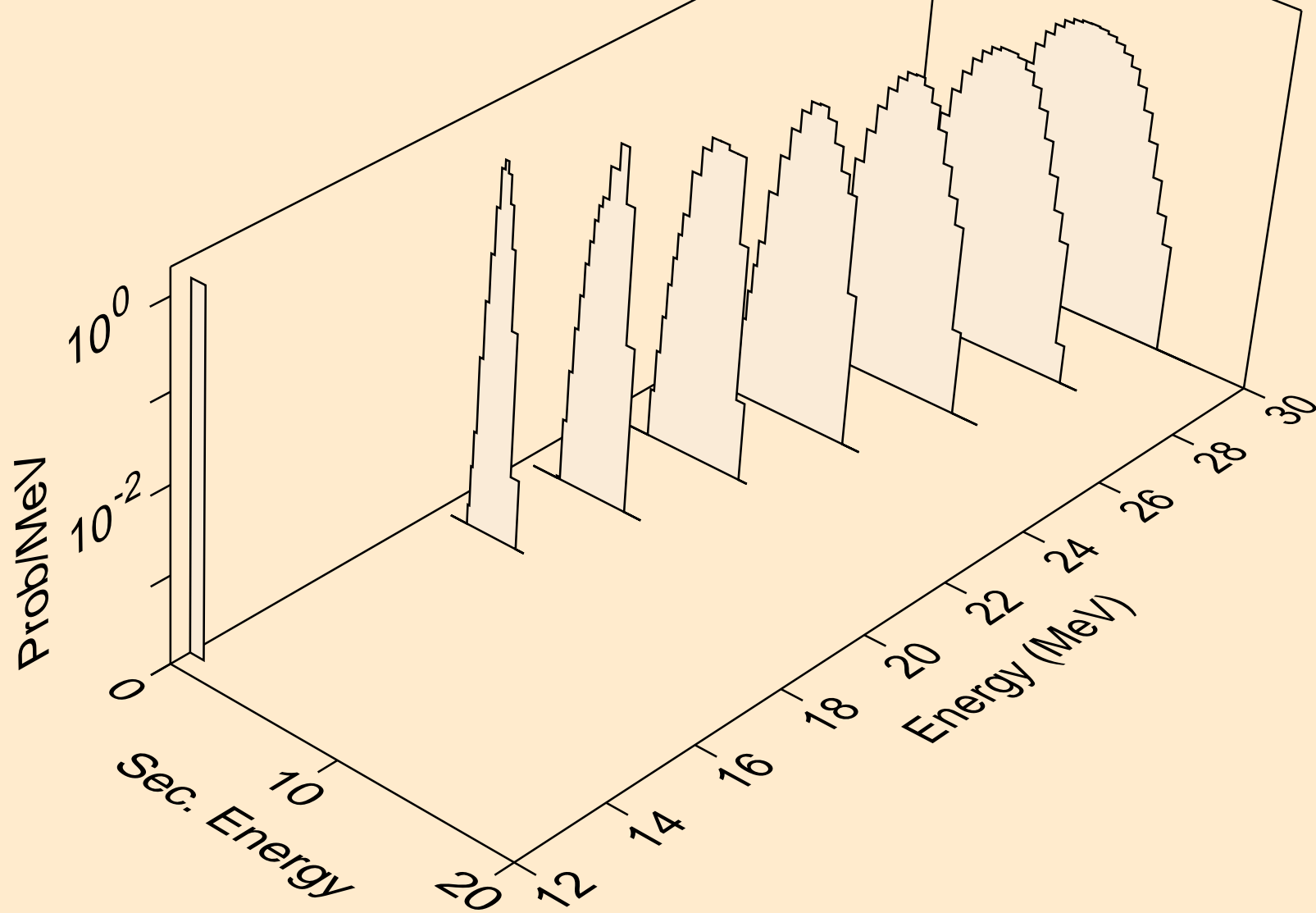




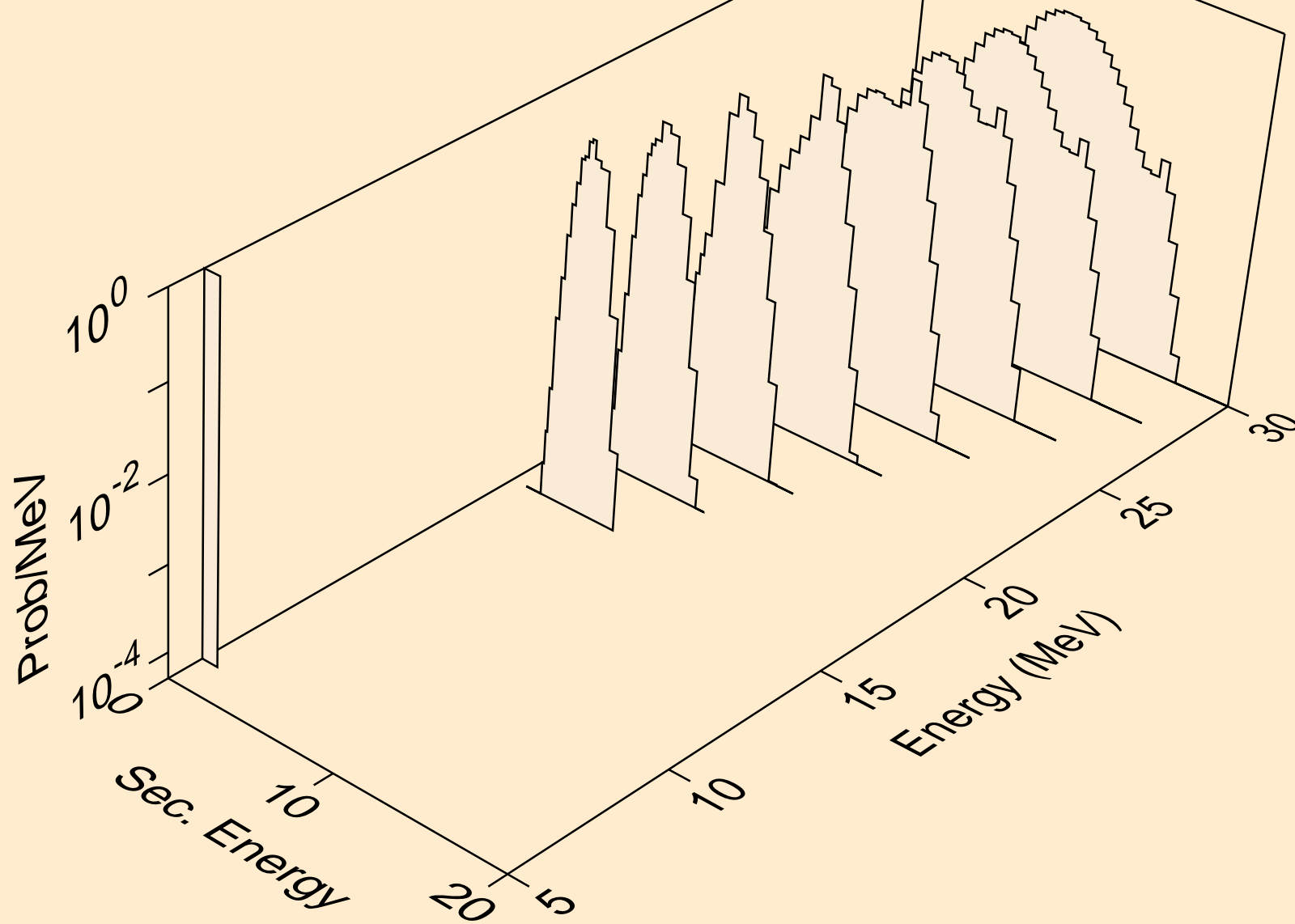
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deuterons from (p,d)



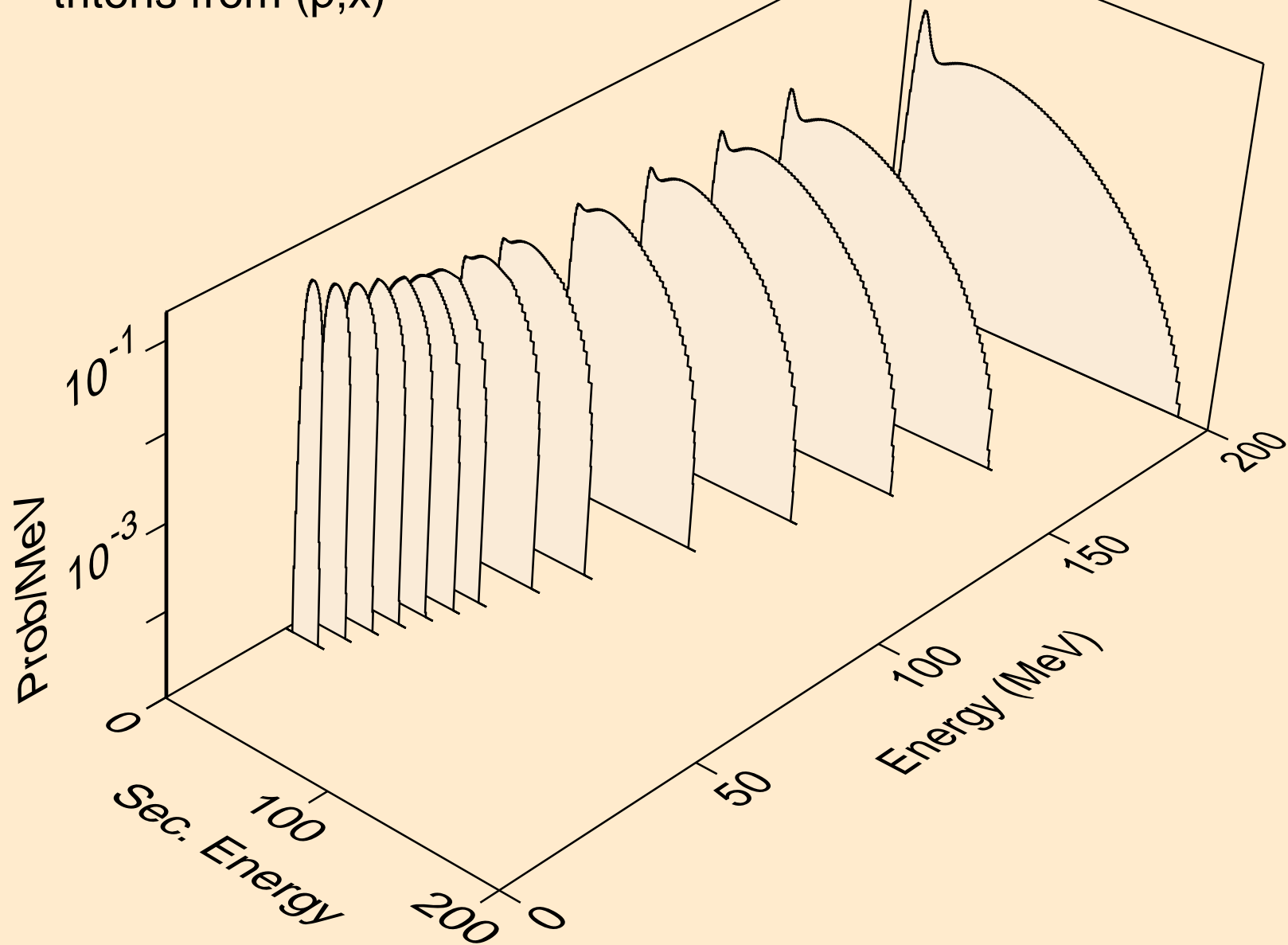
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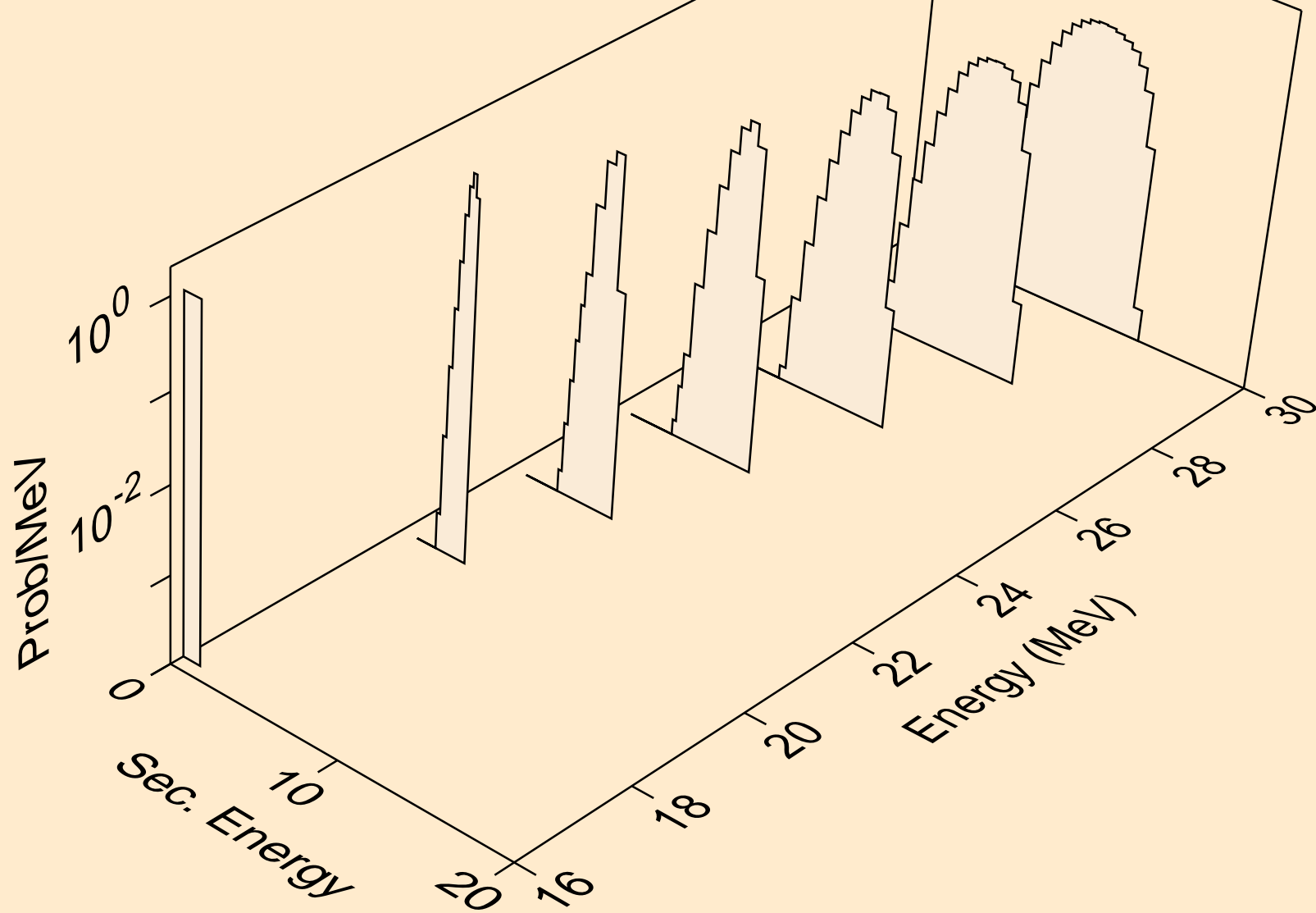
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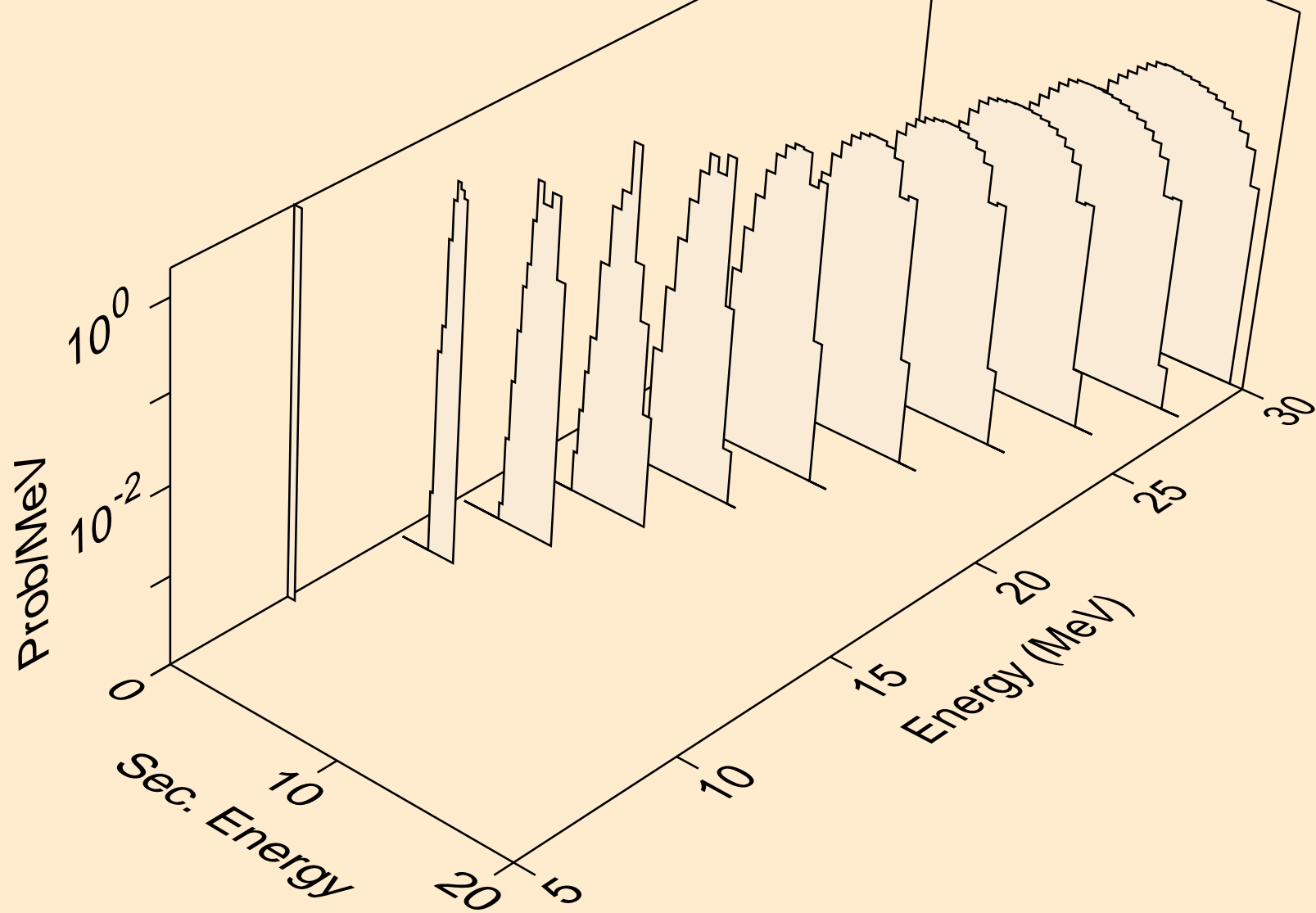
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tritons from (p,x)



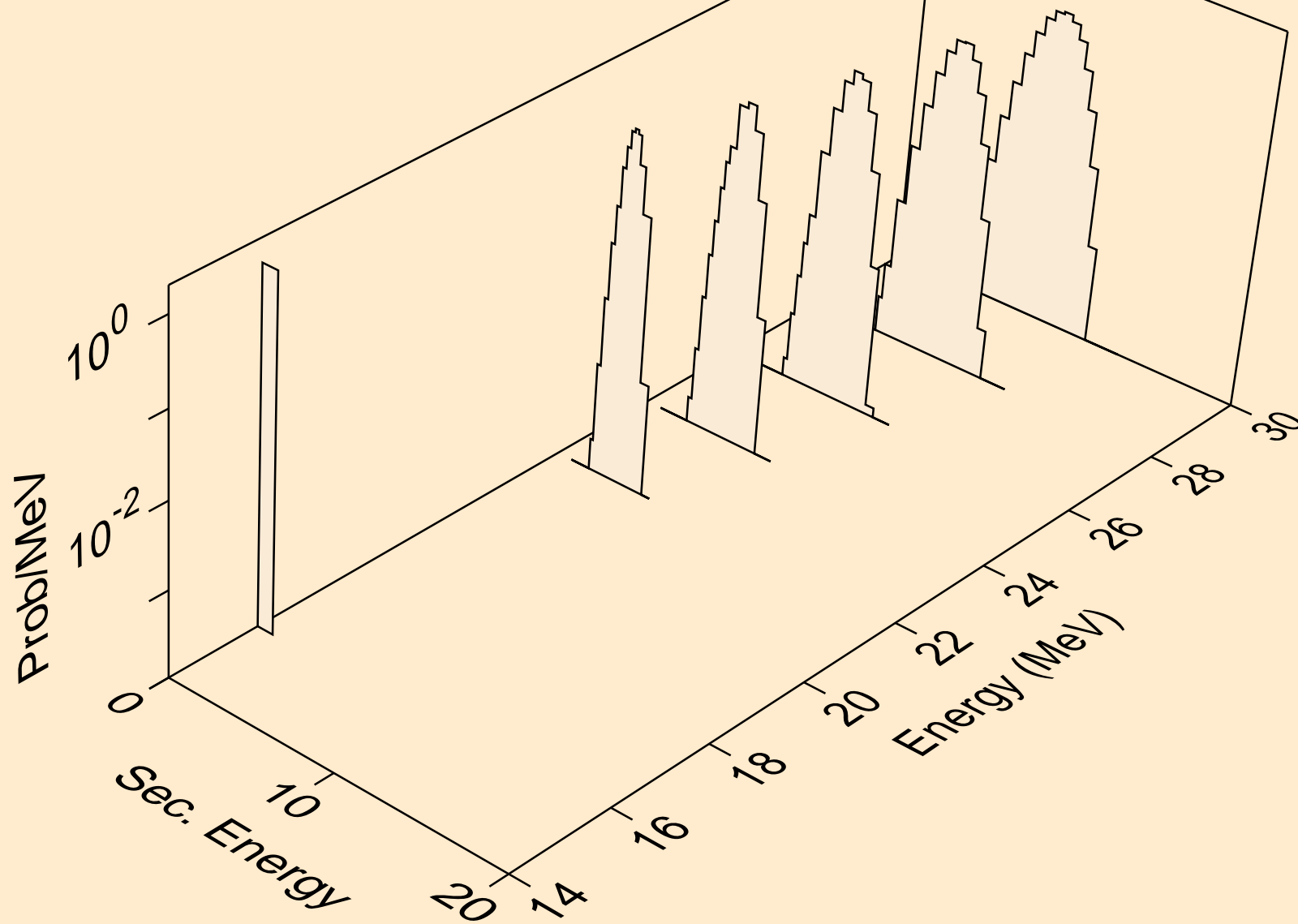
XE127M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,n\*)t



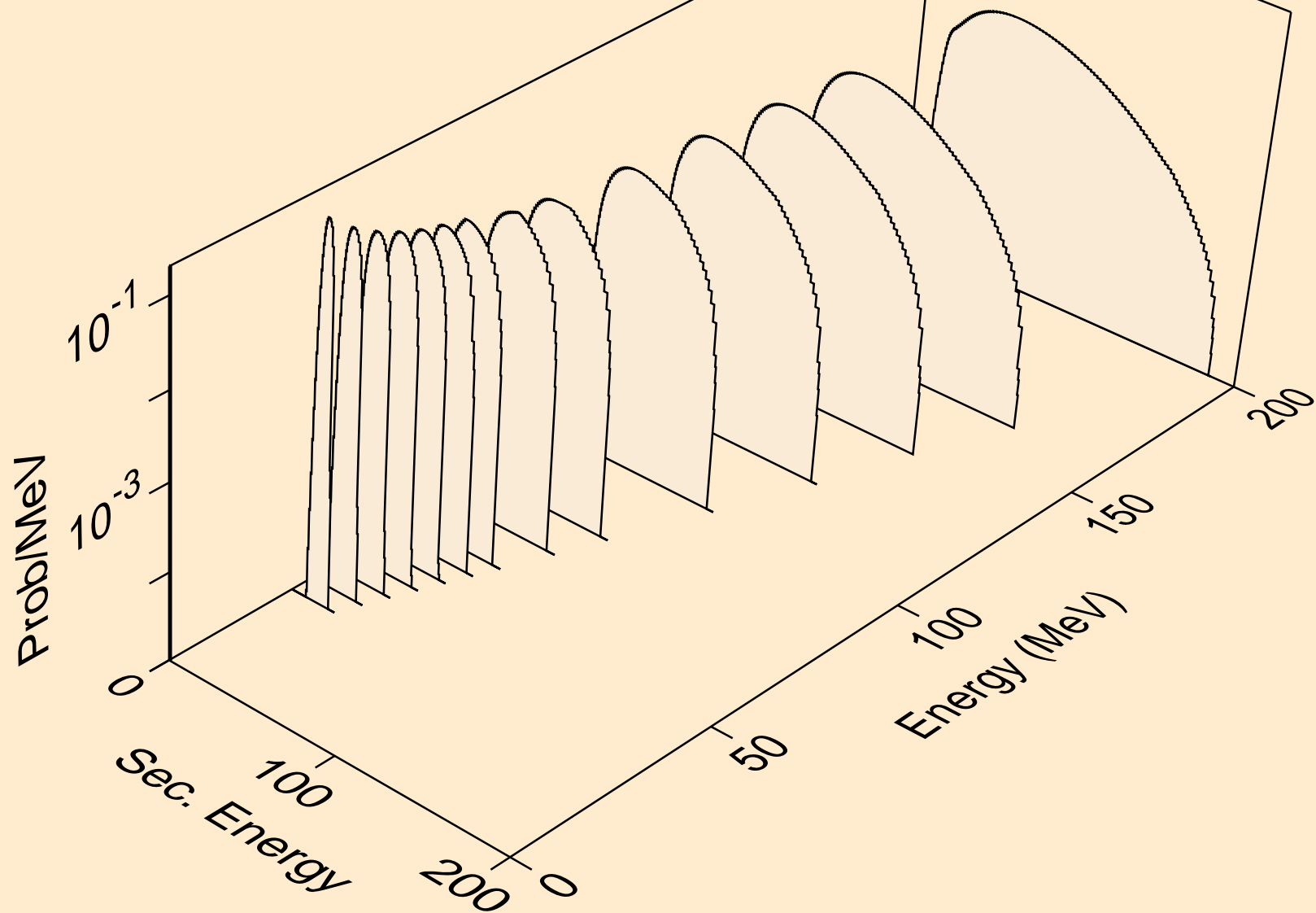
XE127M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,t)



XE127M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,pt)

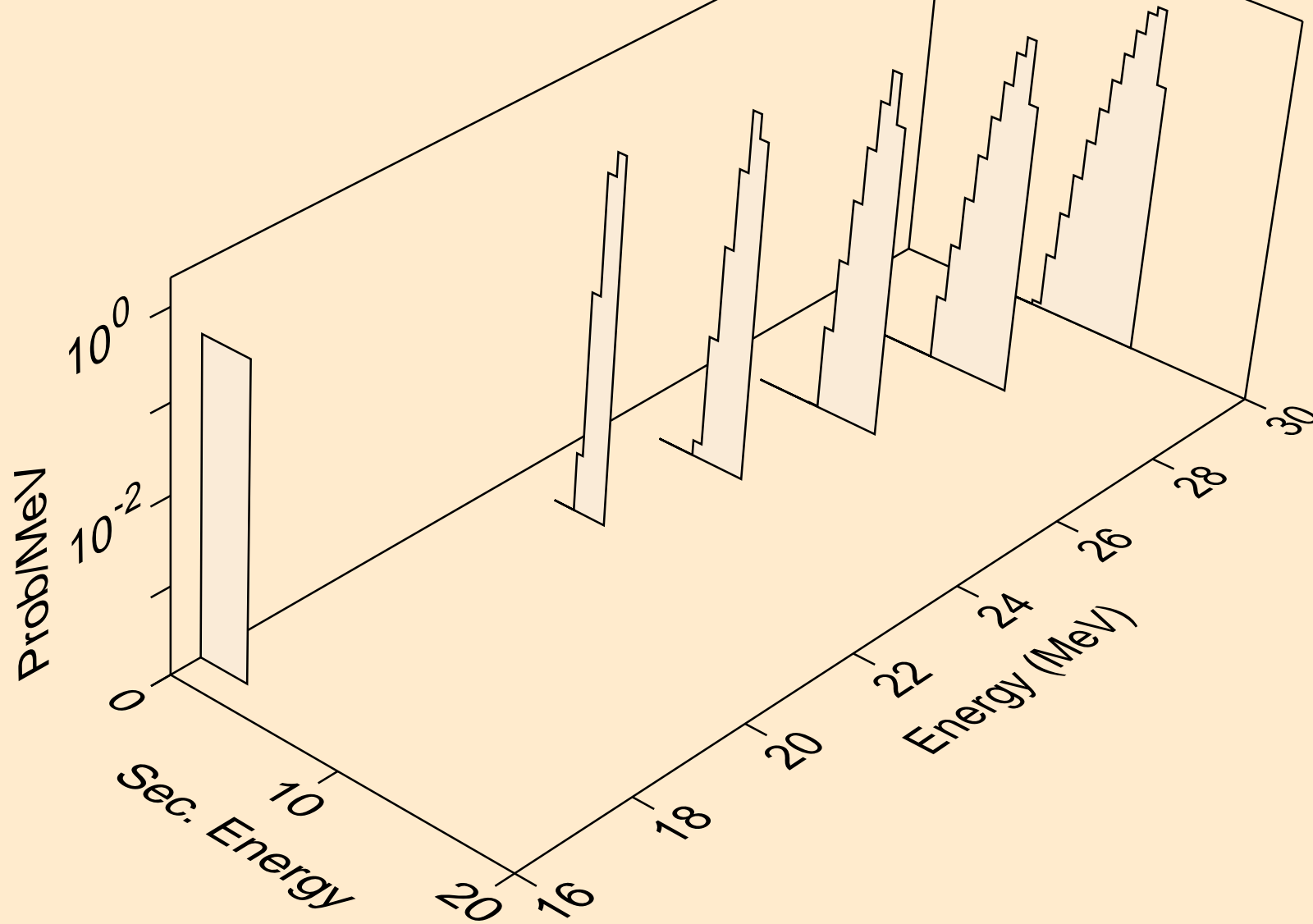


XE127M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)

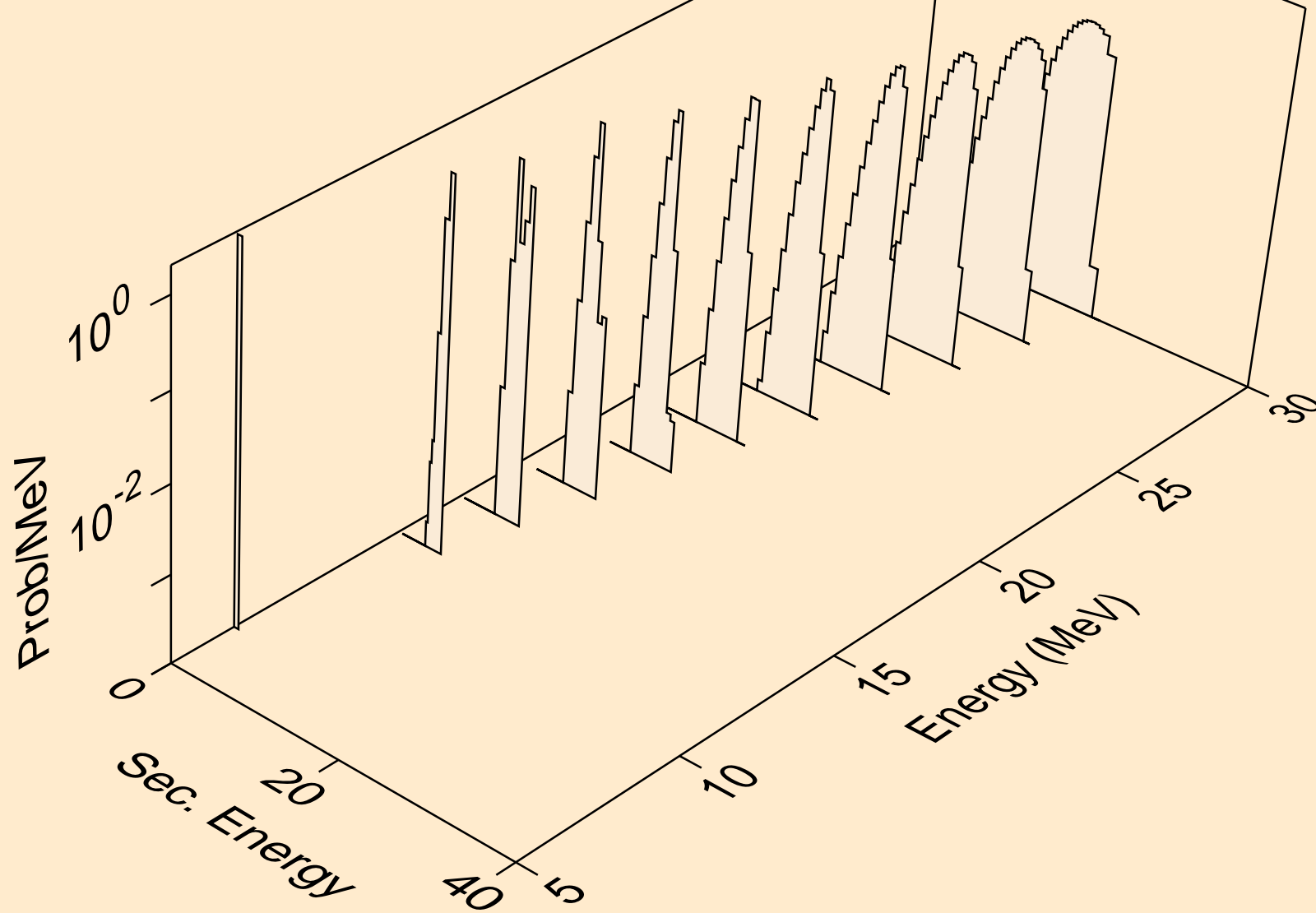




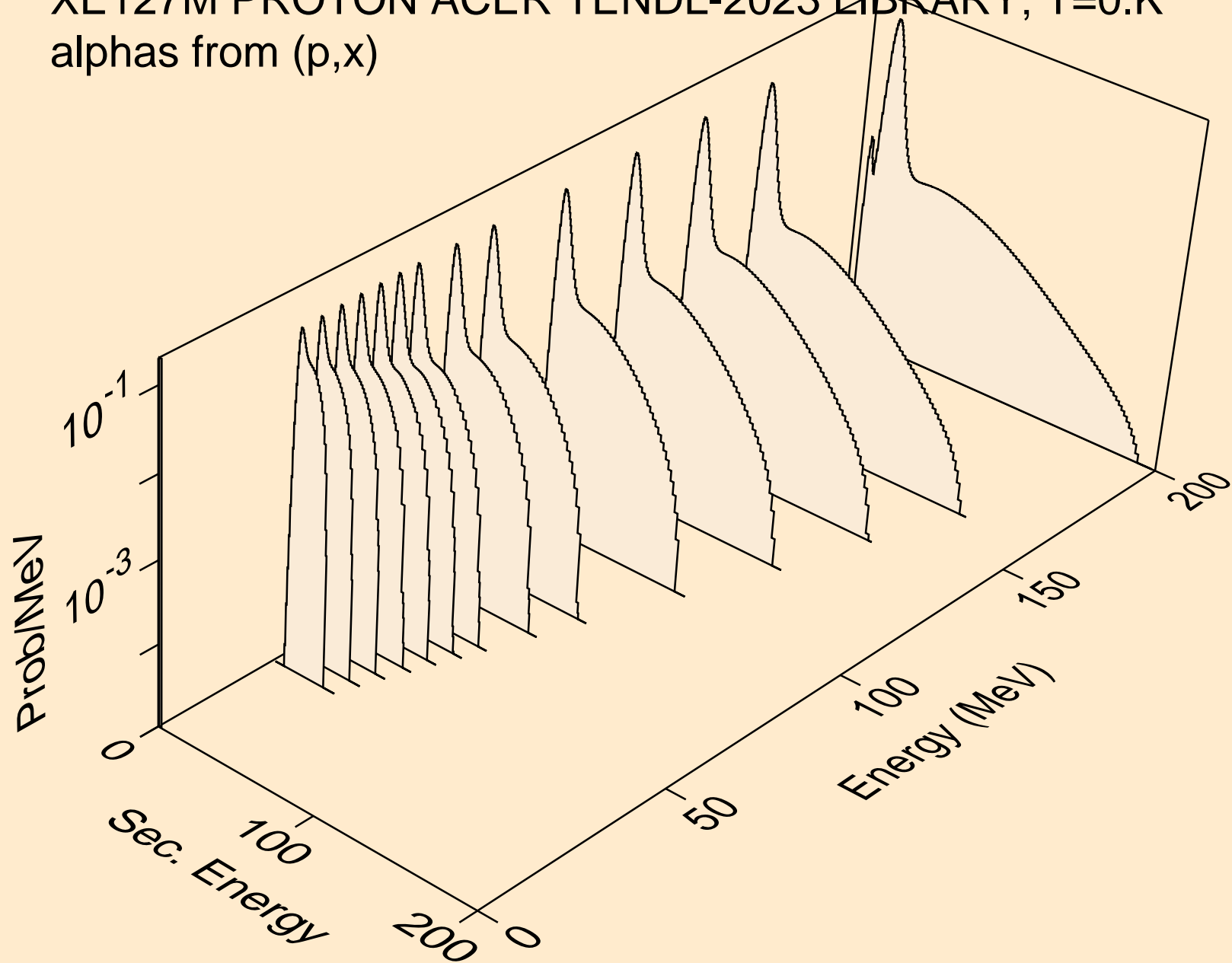
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he3s from (p,n\*)he3



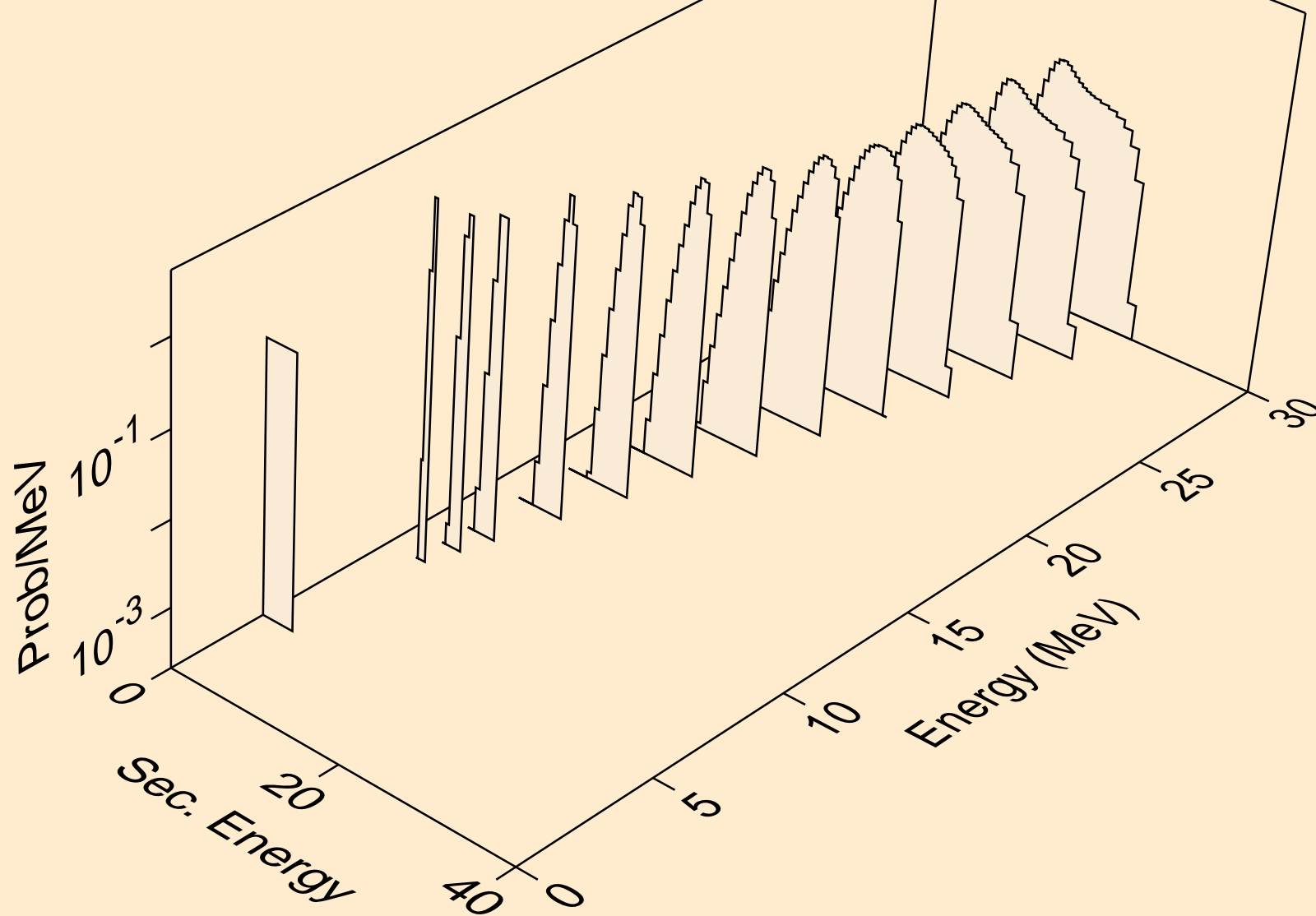
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he3s from (p,he3)



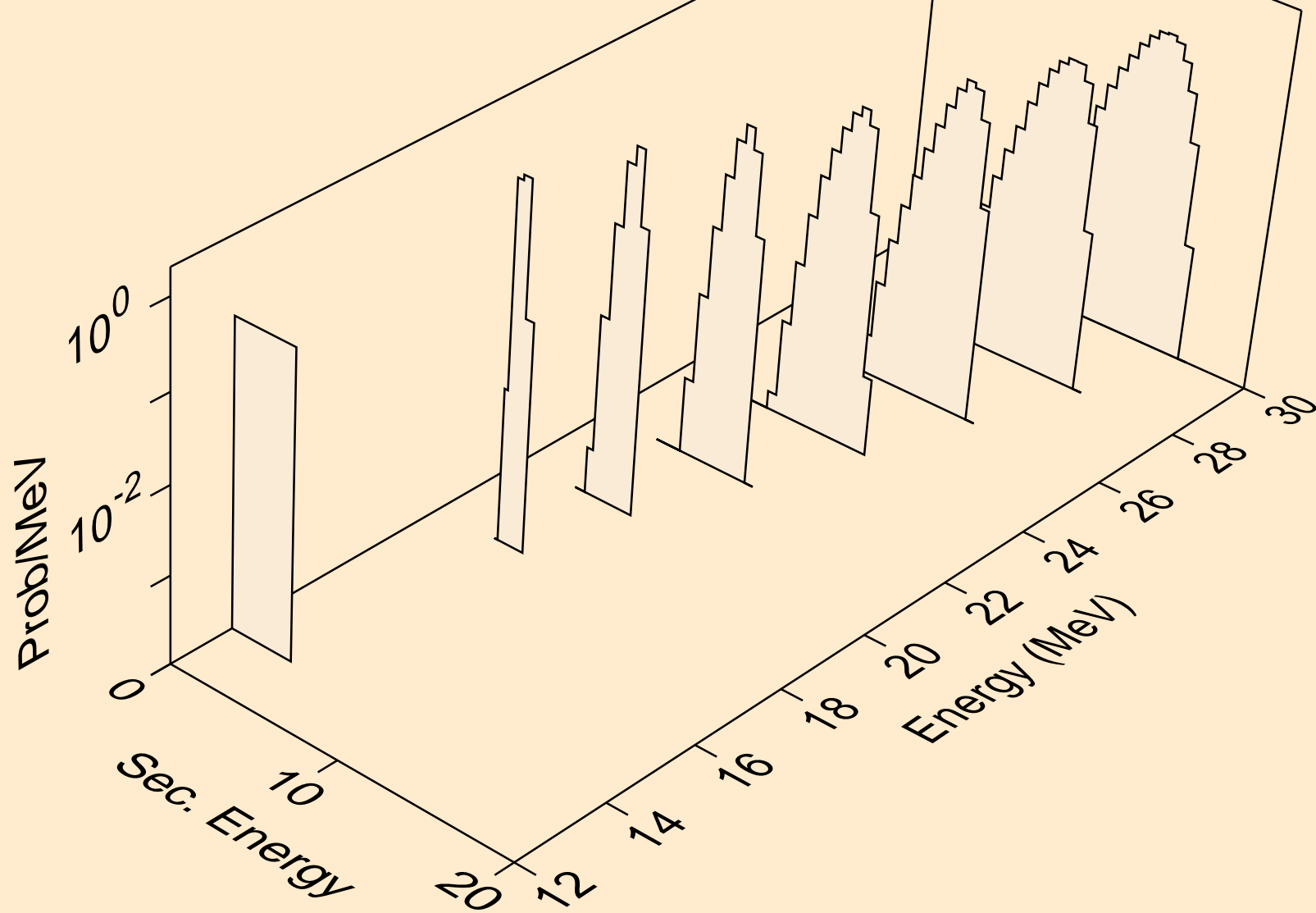
XE127M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)



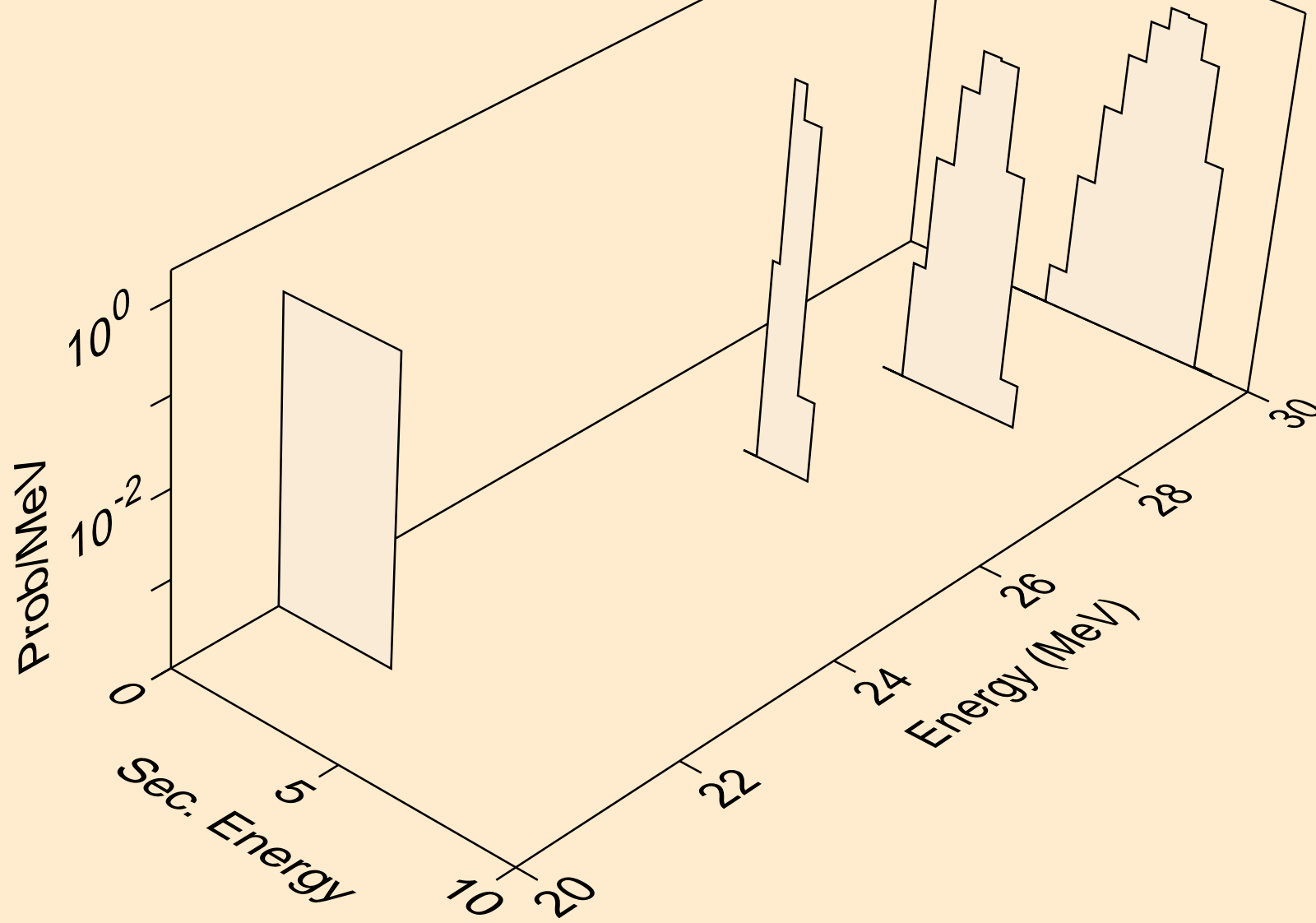
XE127M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a



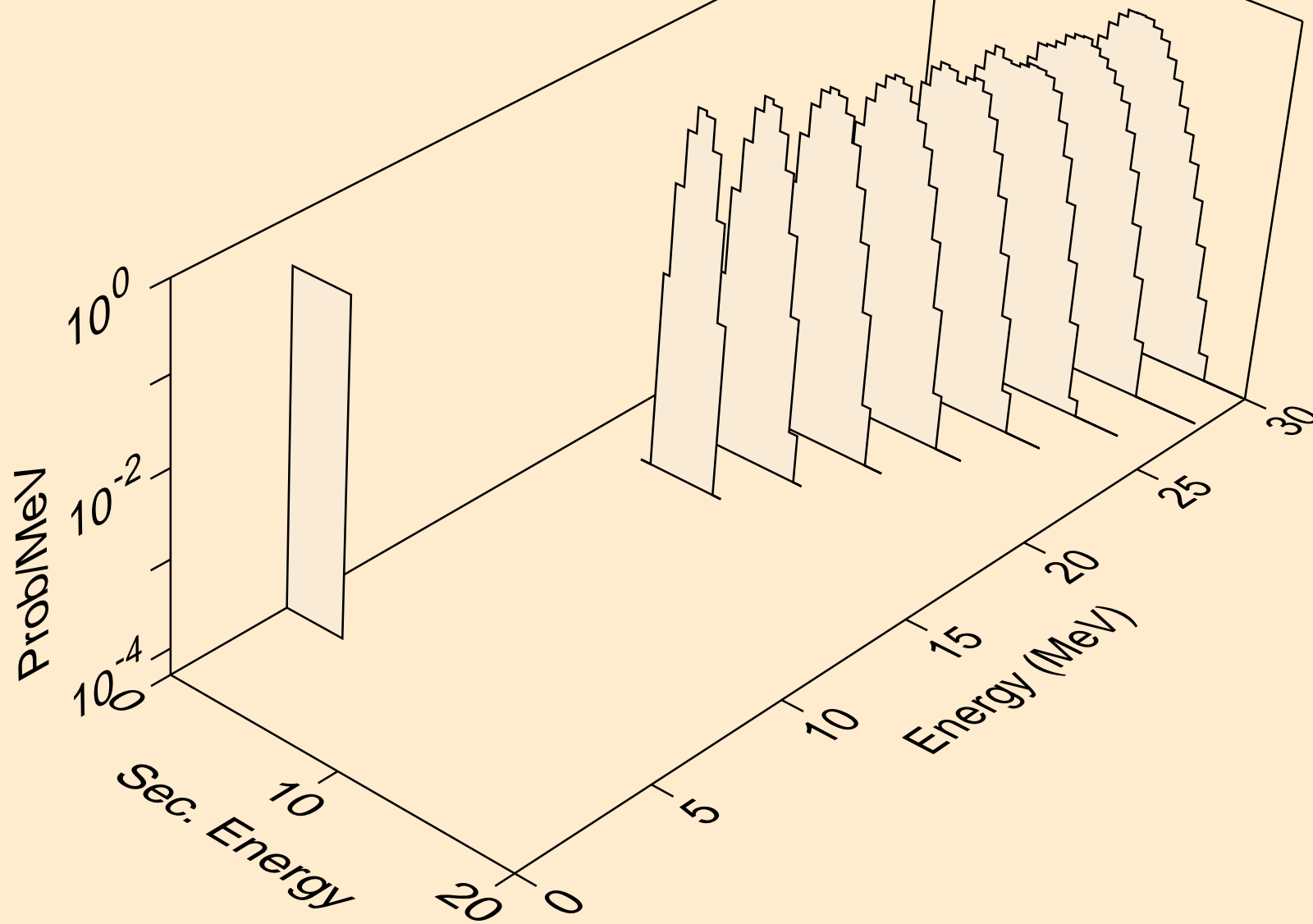
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alphas from (p,2n)a



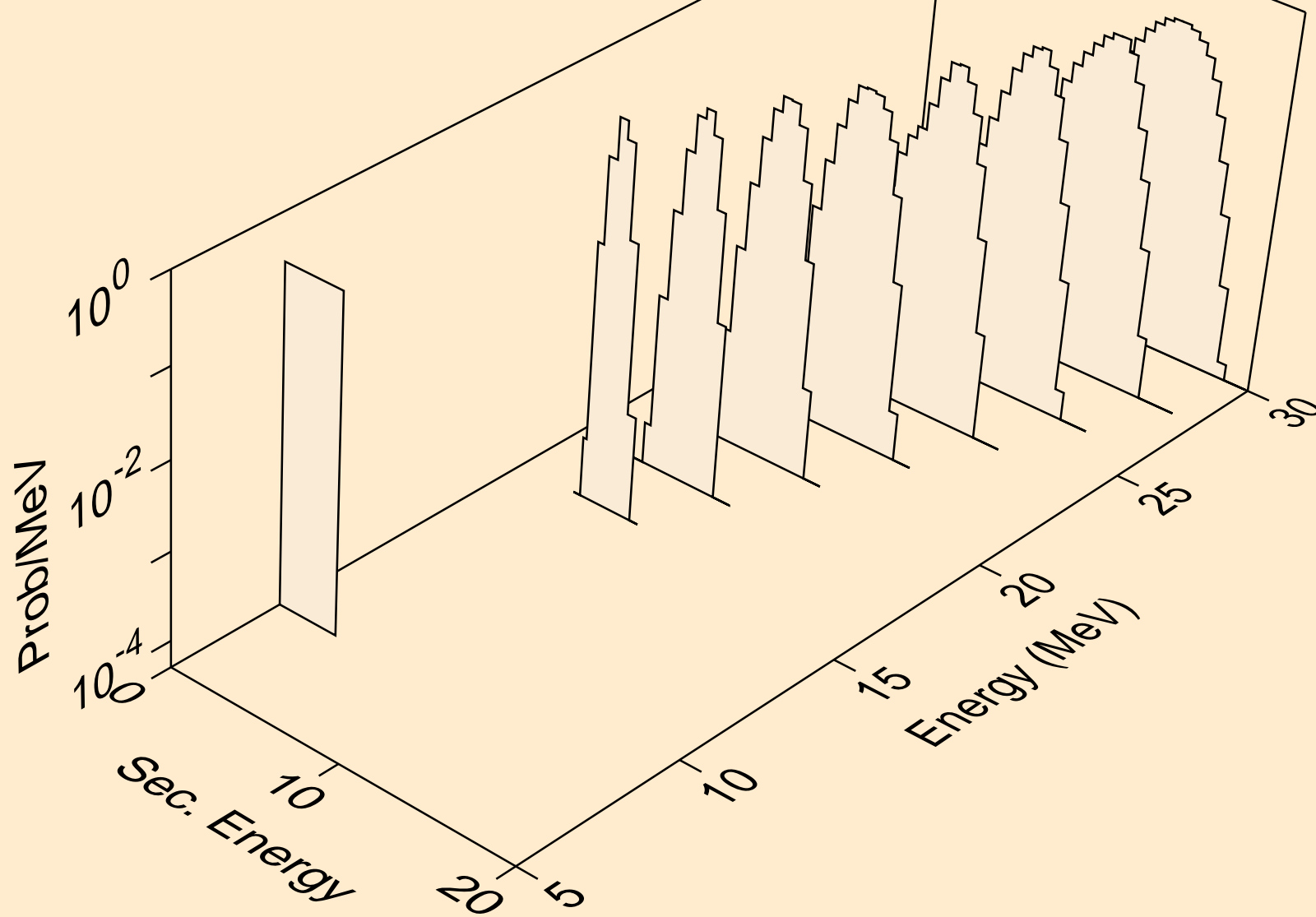
XE127M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,3n)a



XE127M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)2a

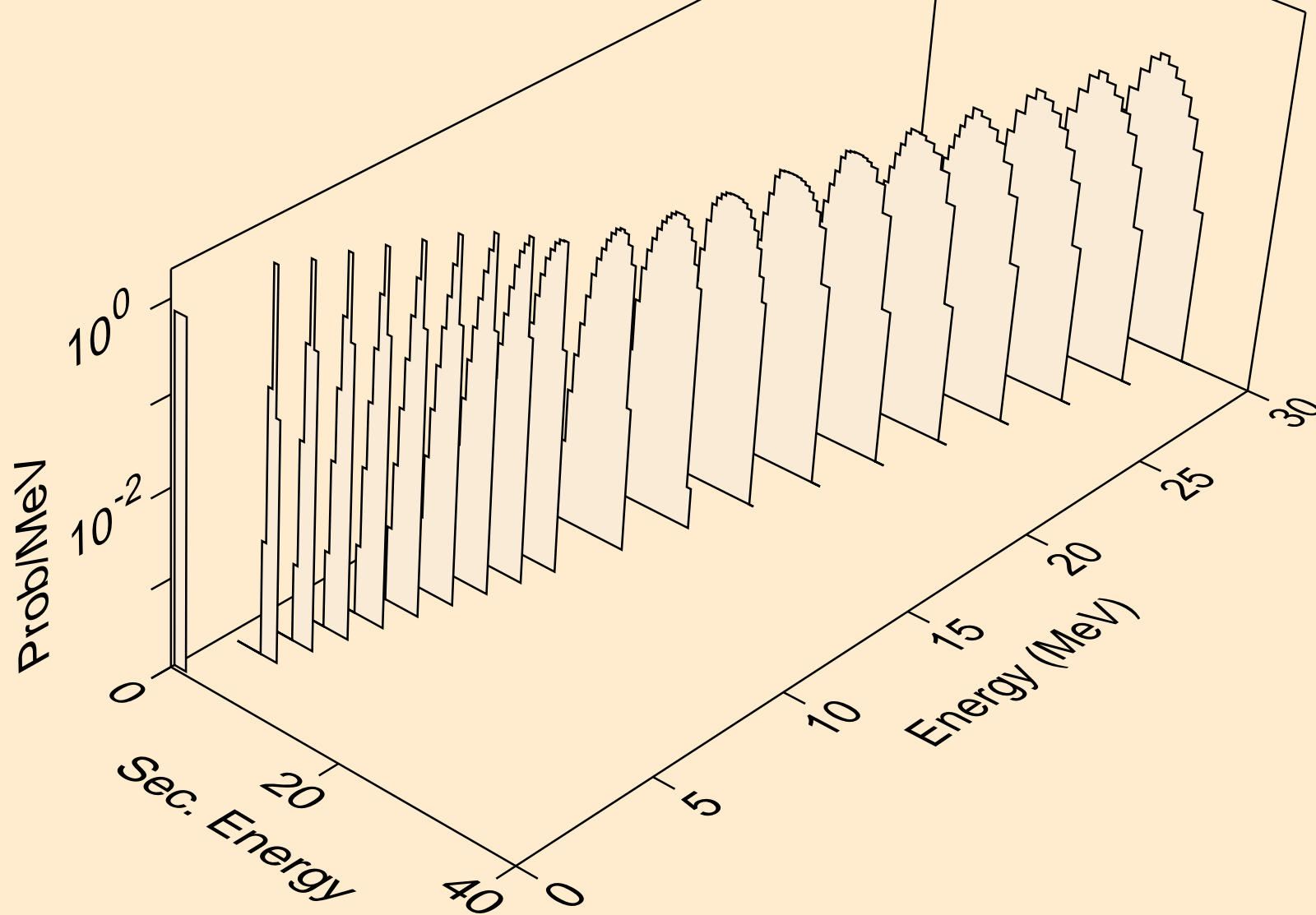


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alphas from (p,npa)

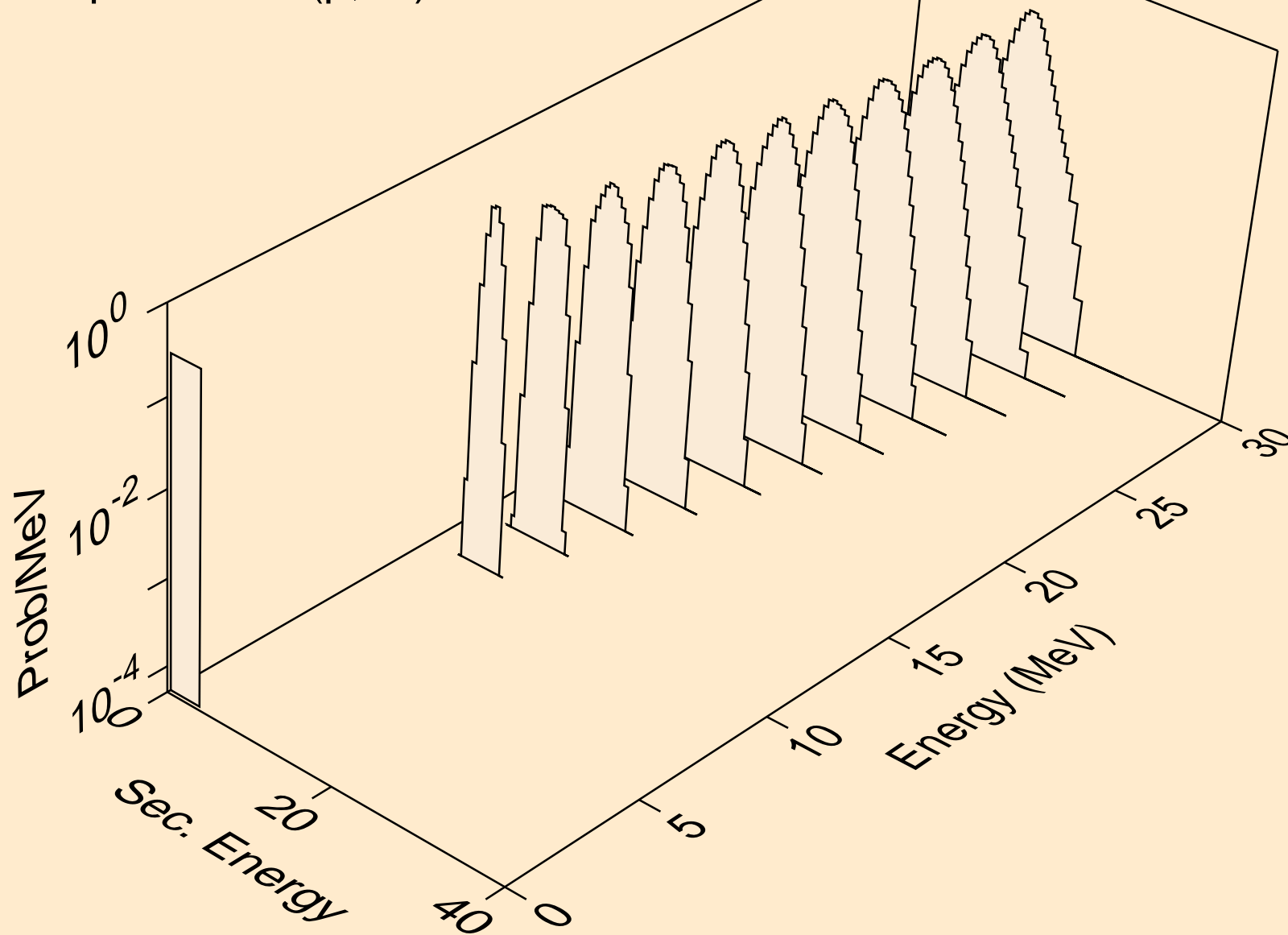




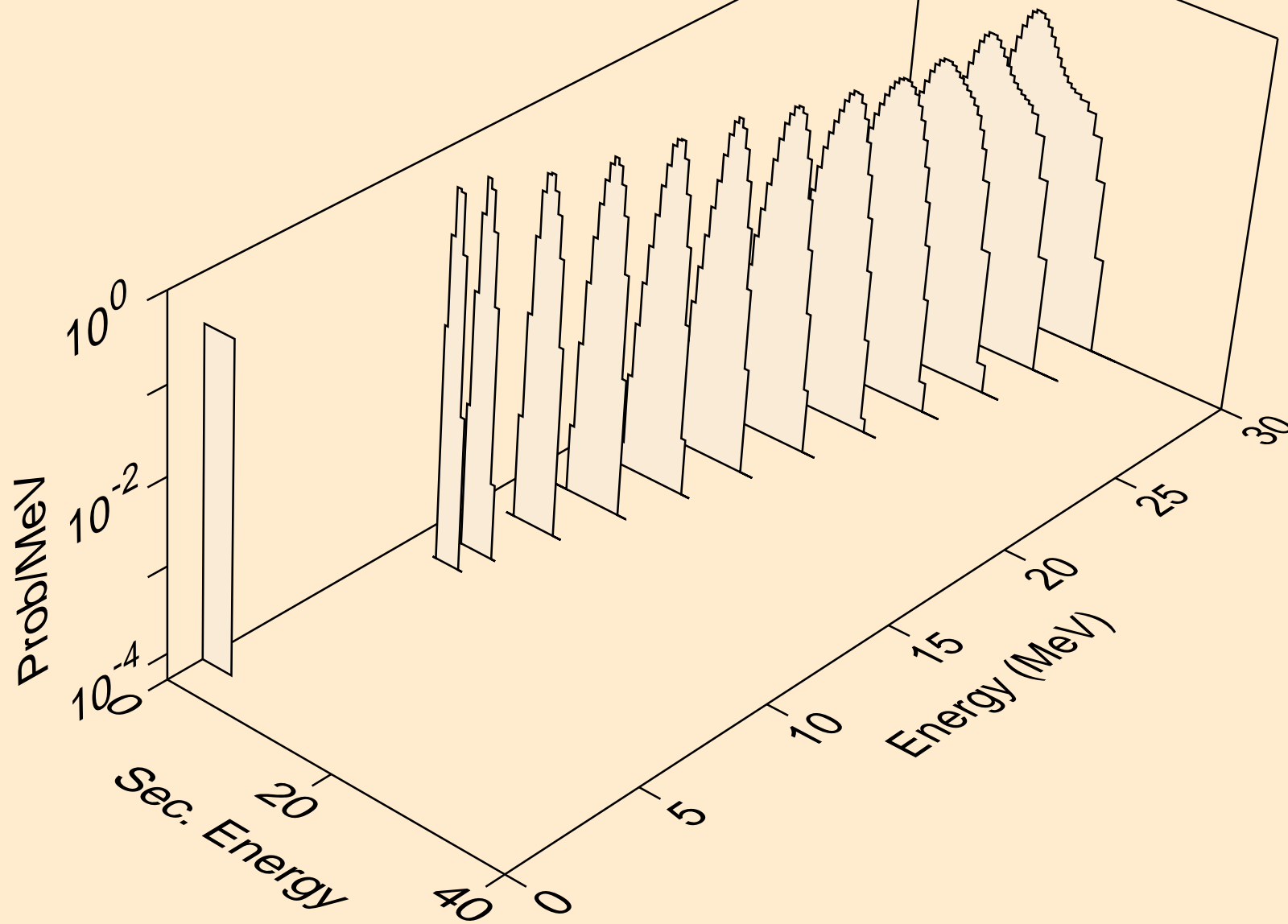
XE127M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)



XE127M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2a)



XE127M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,pa)



XE127M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,da)

