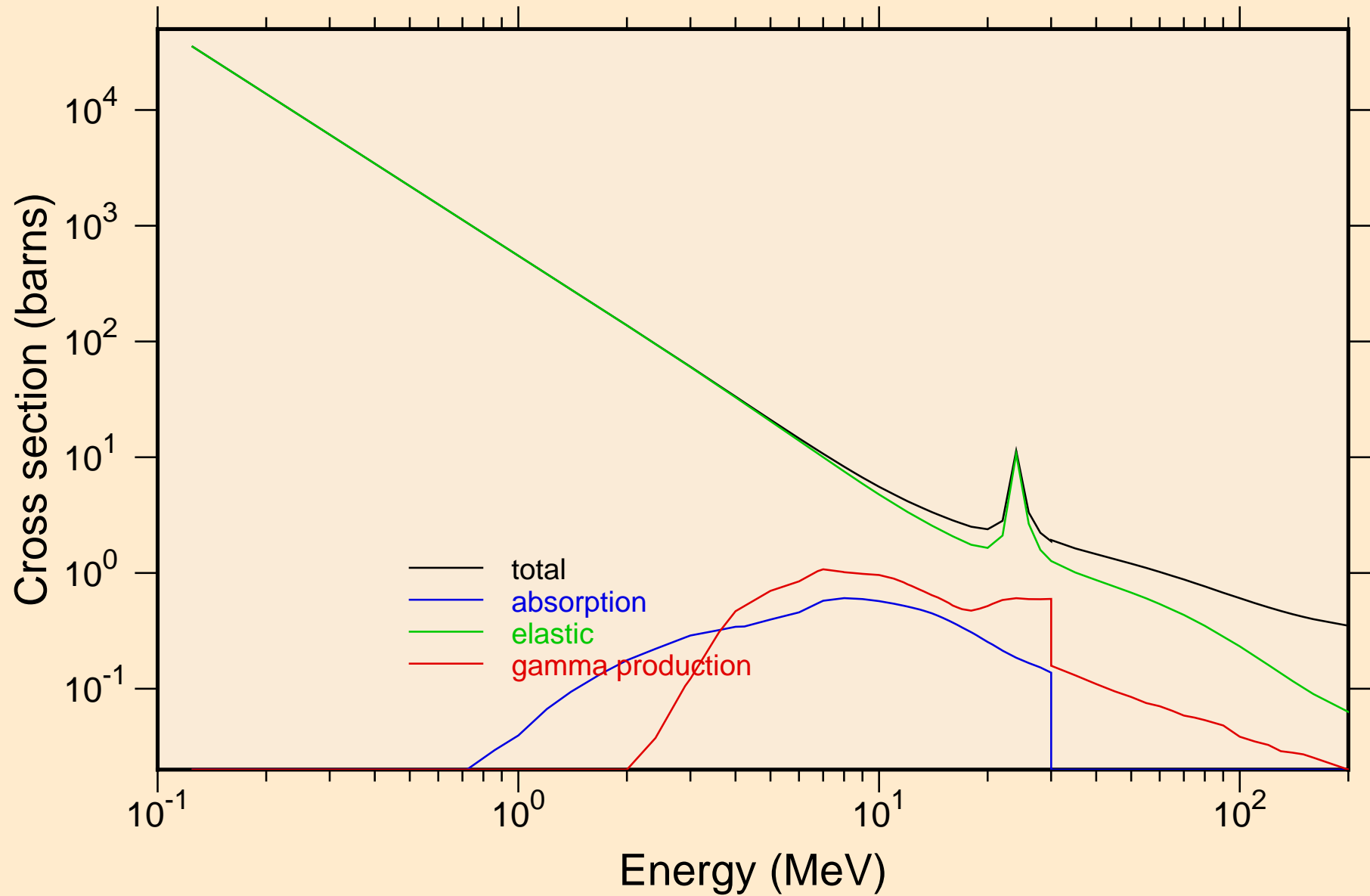


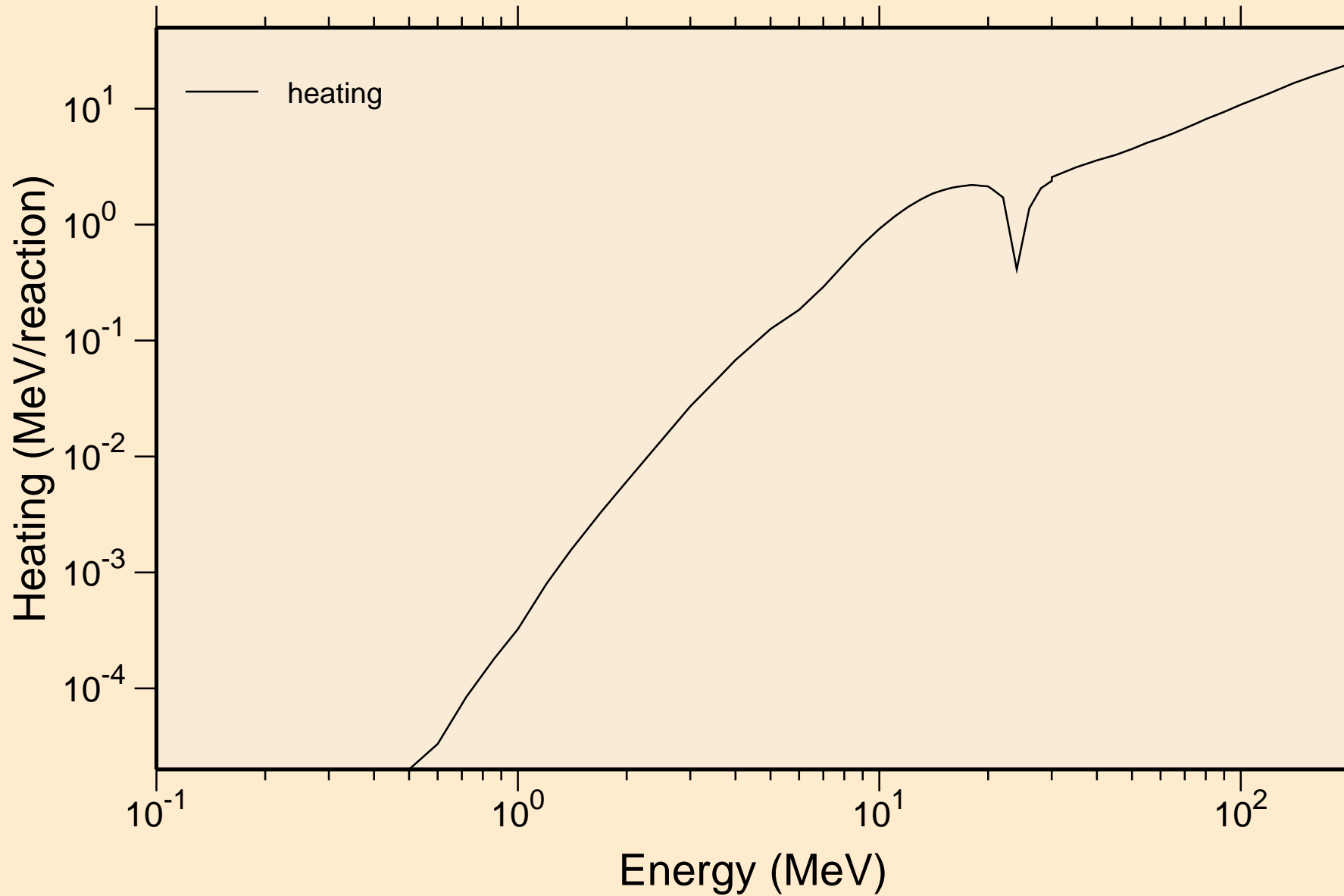
# F019 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

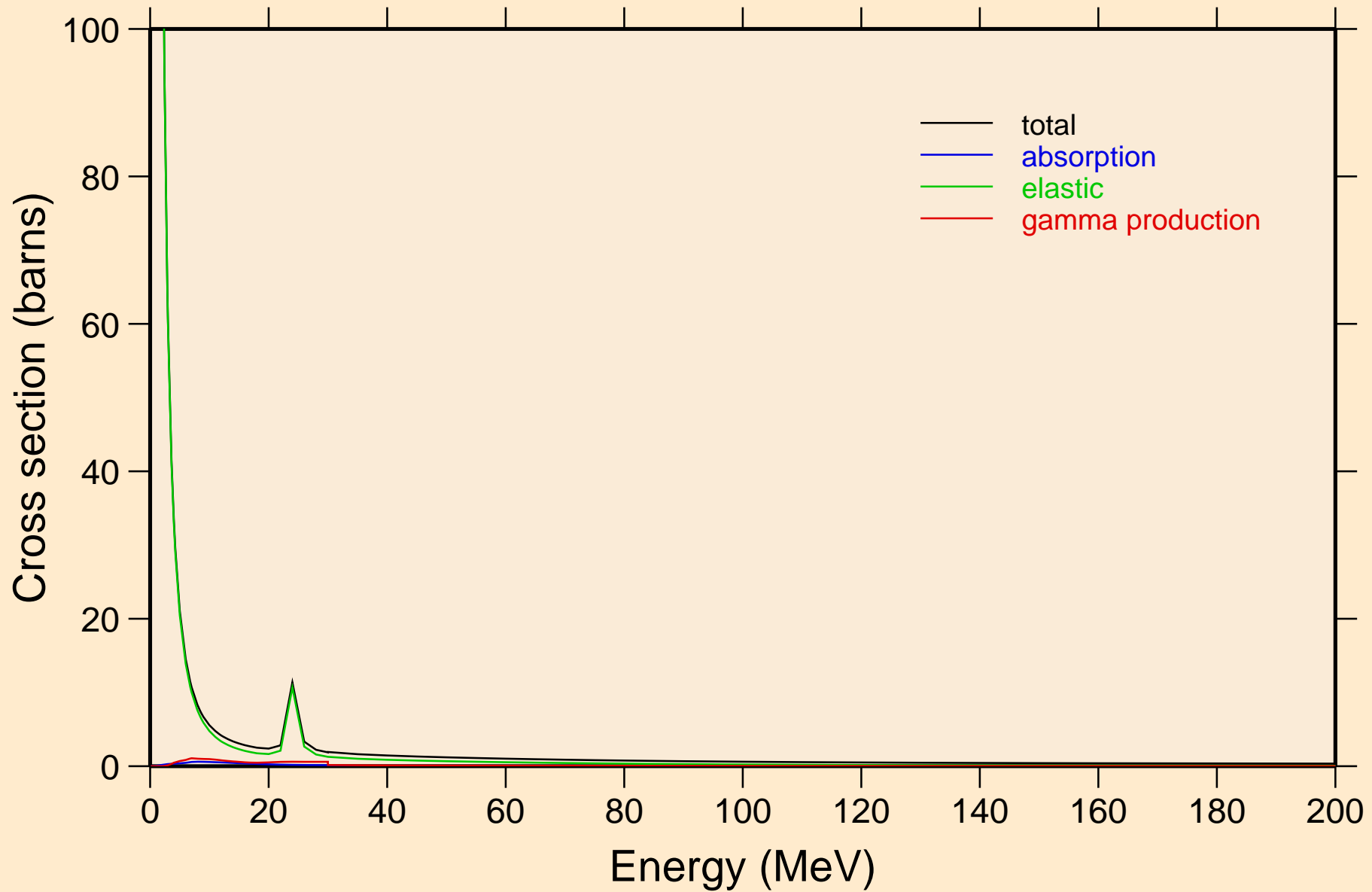


# F019 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Heating

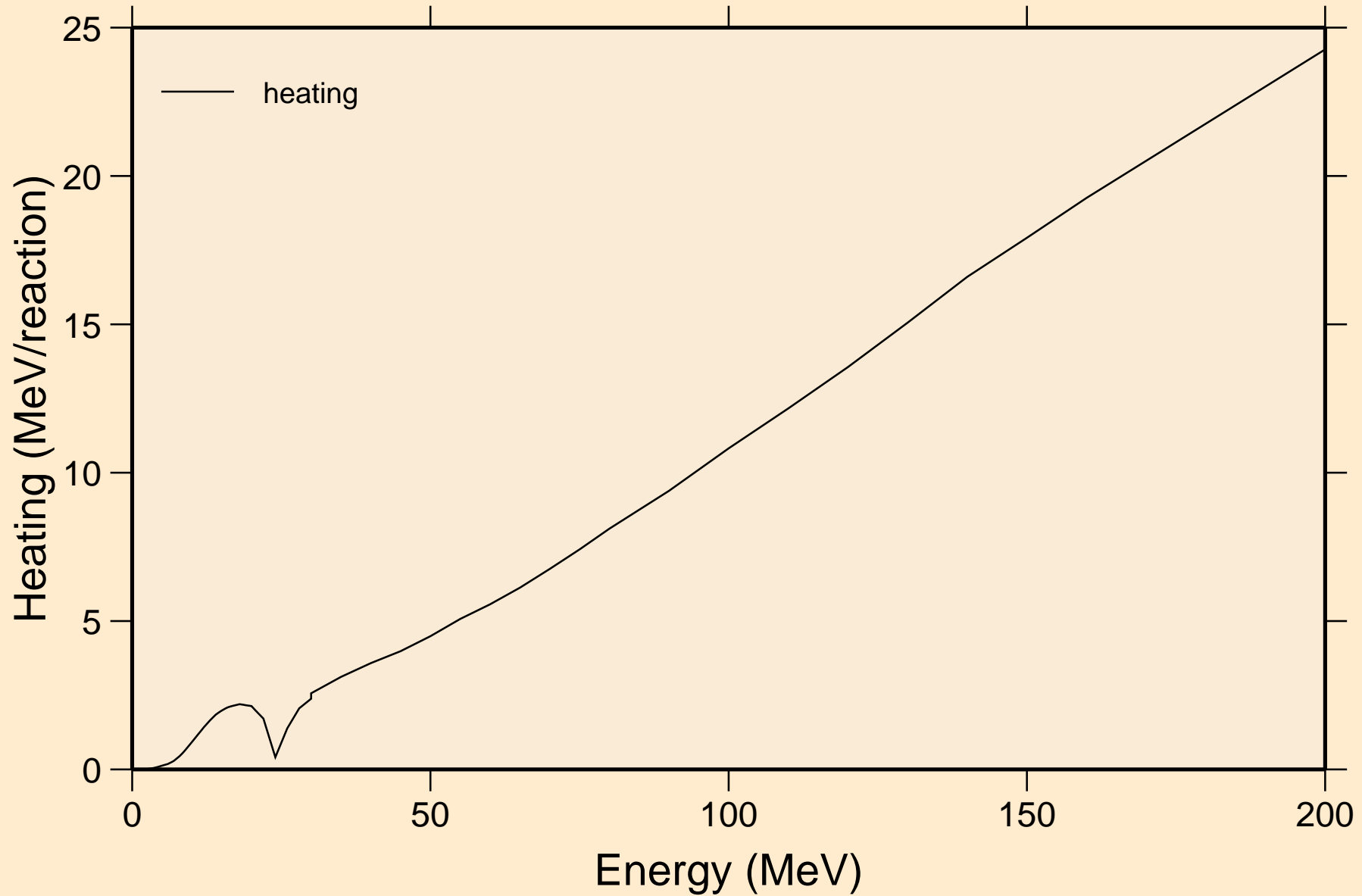


F019 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections



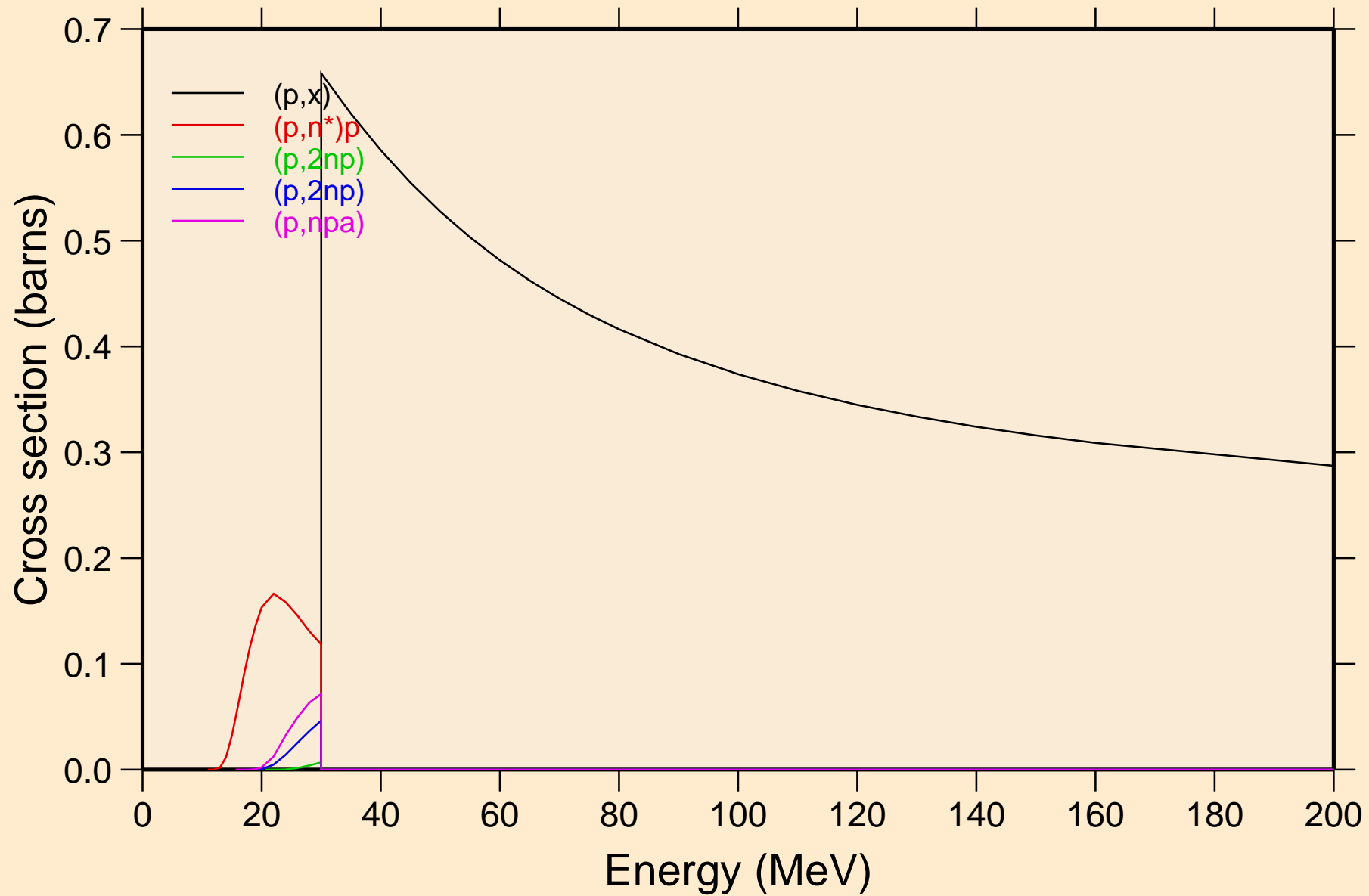
# F019 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Heating



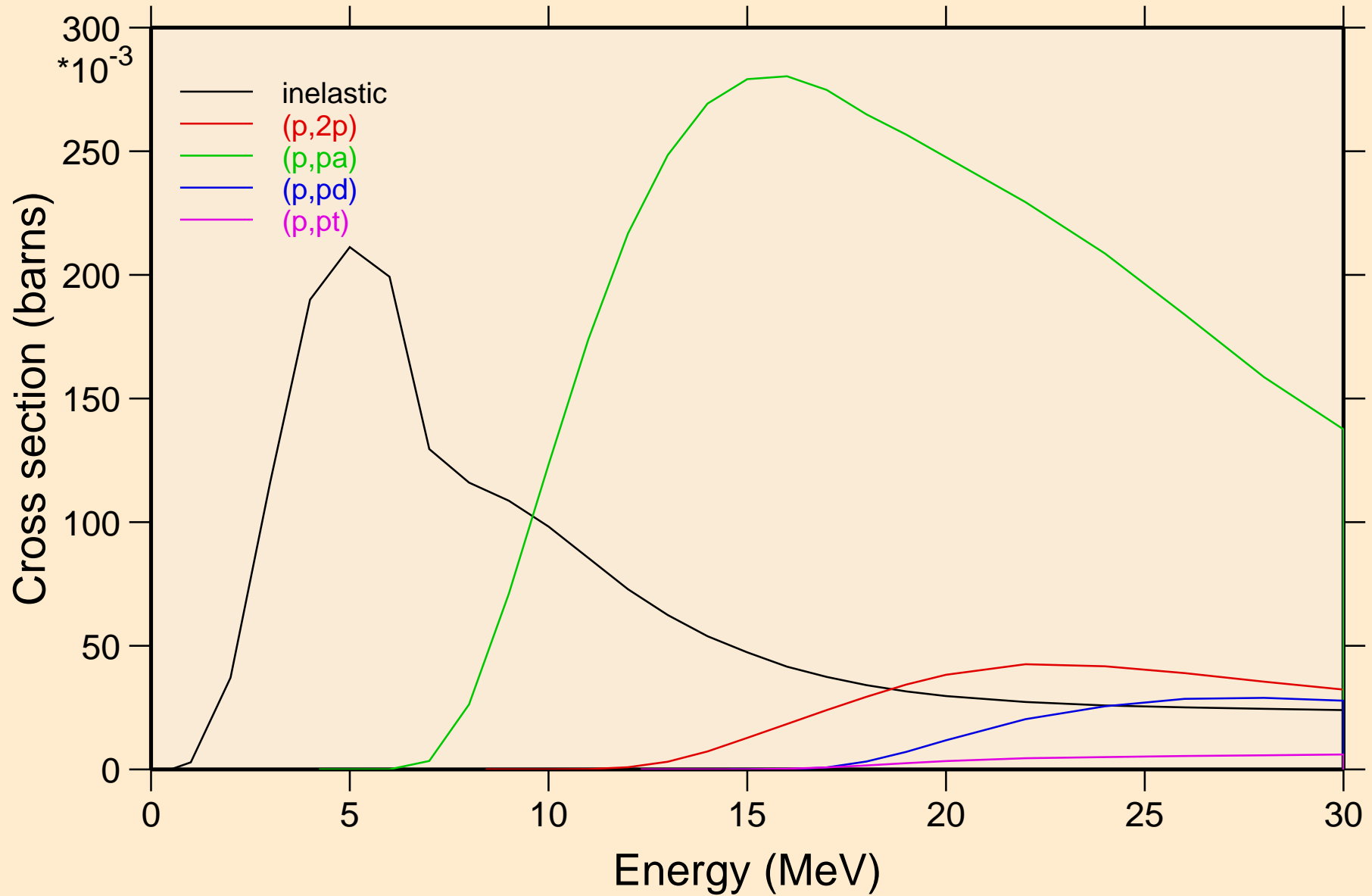
# F019 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions

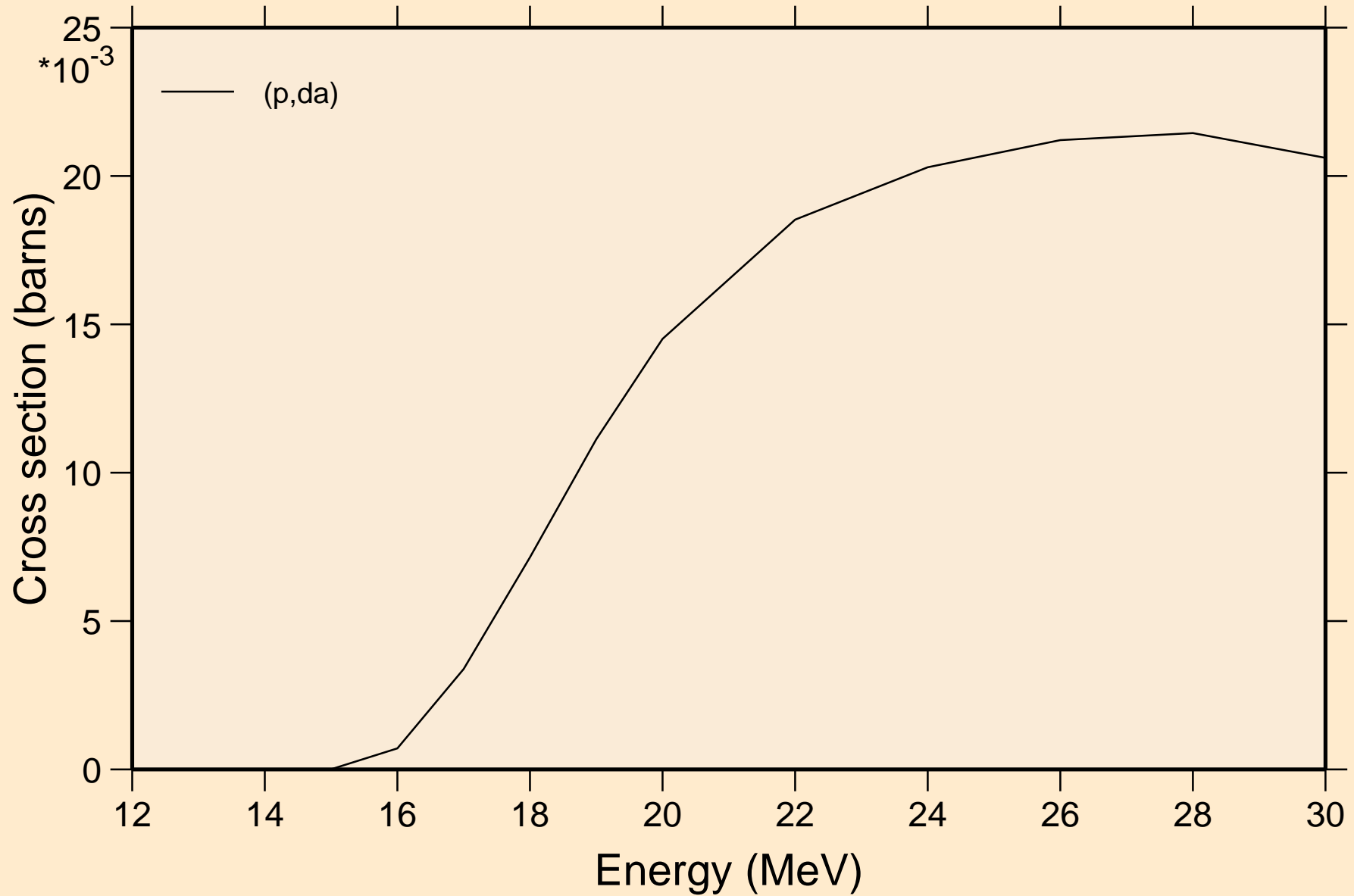


# F019 PROTON ACER TENDL-2021 LIBRARY; T=0.K

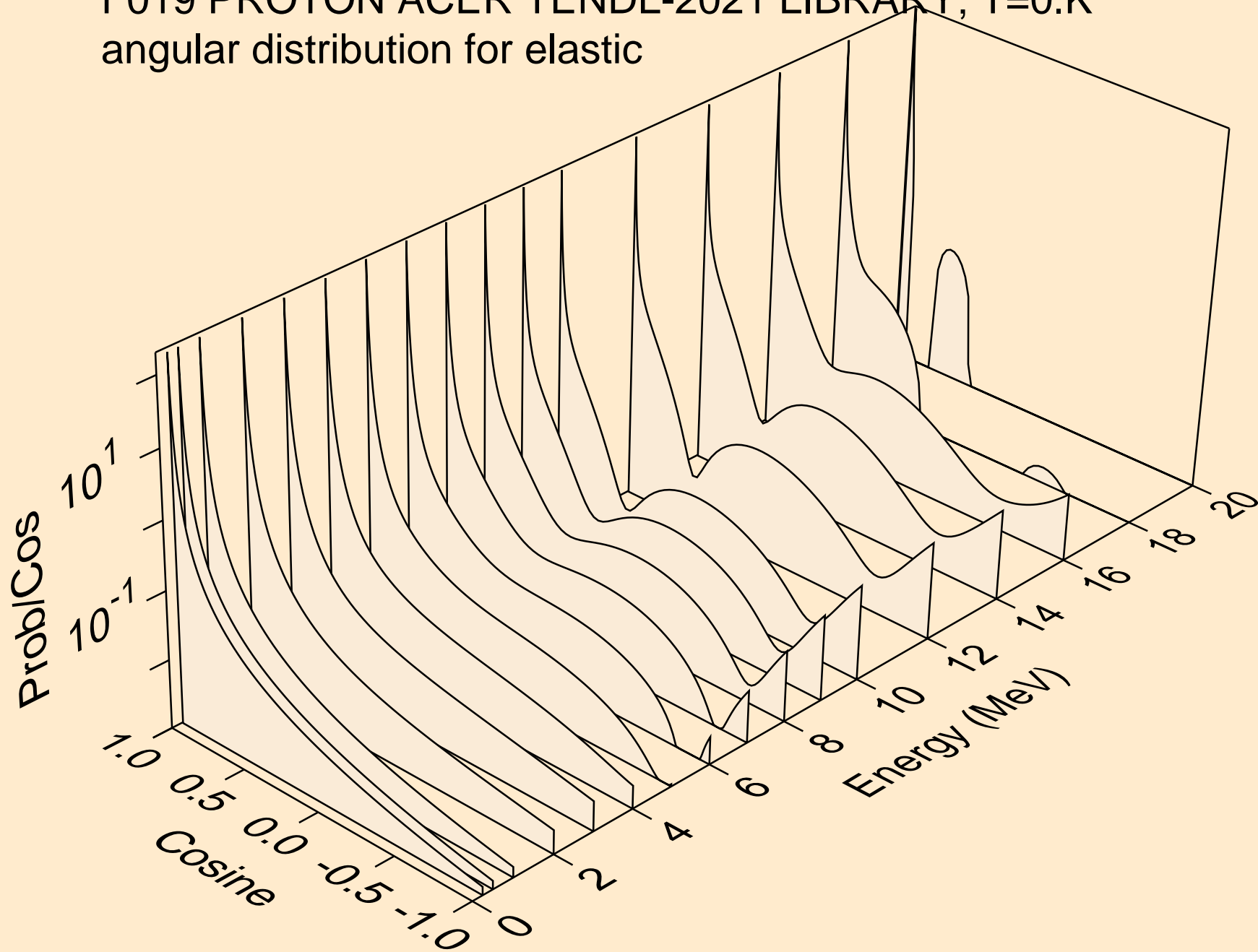
## Threshold reactions



F019 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

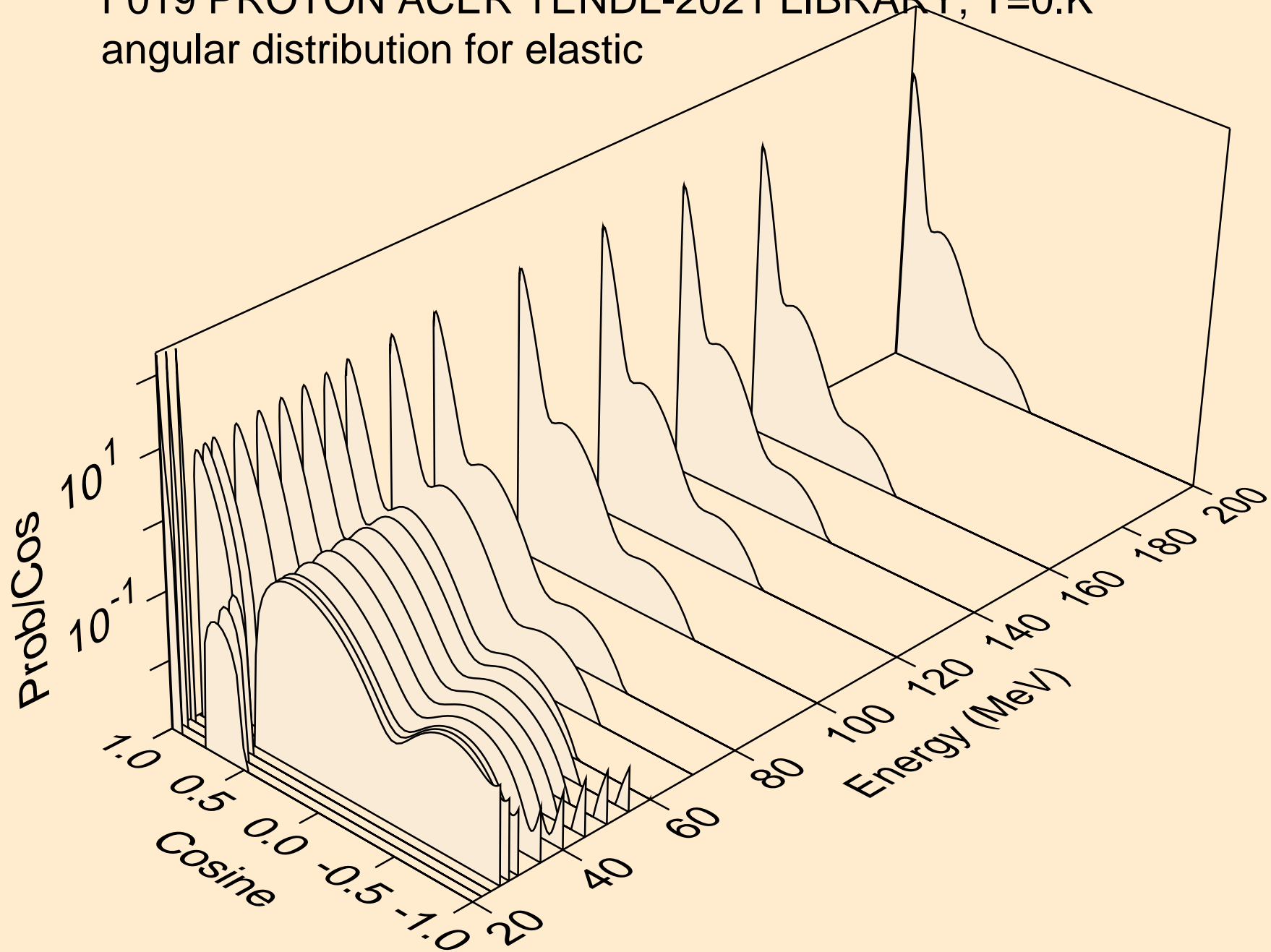


F019 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic

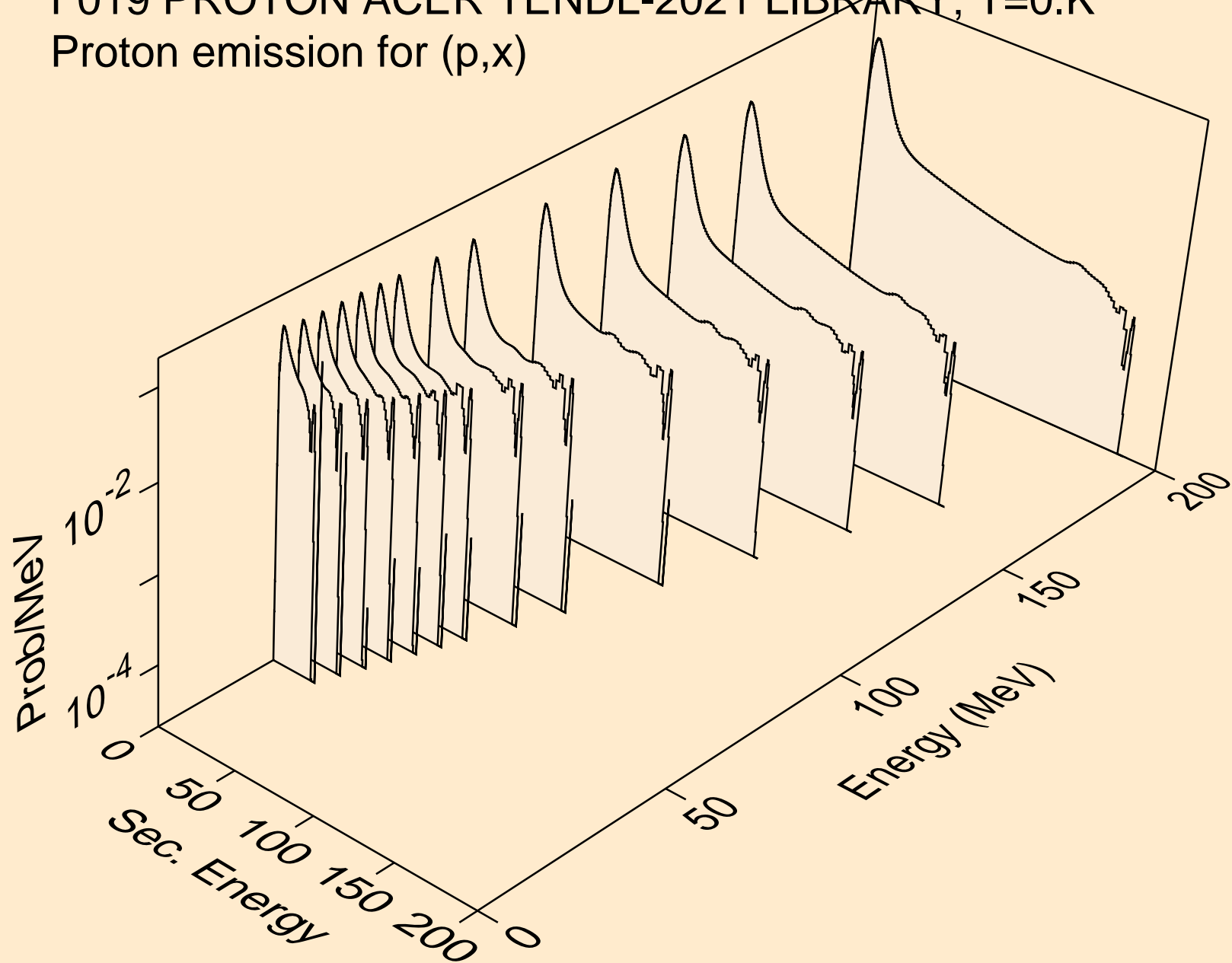




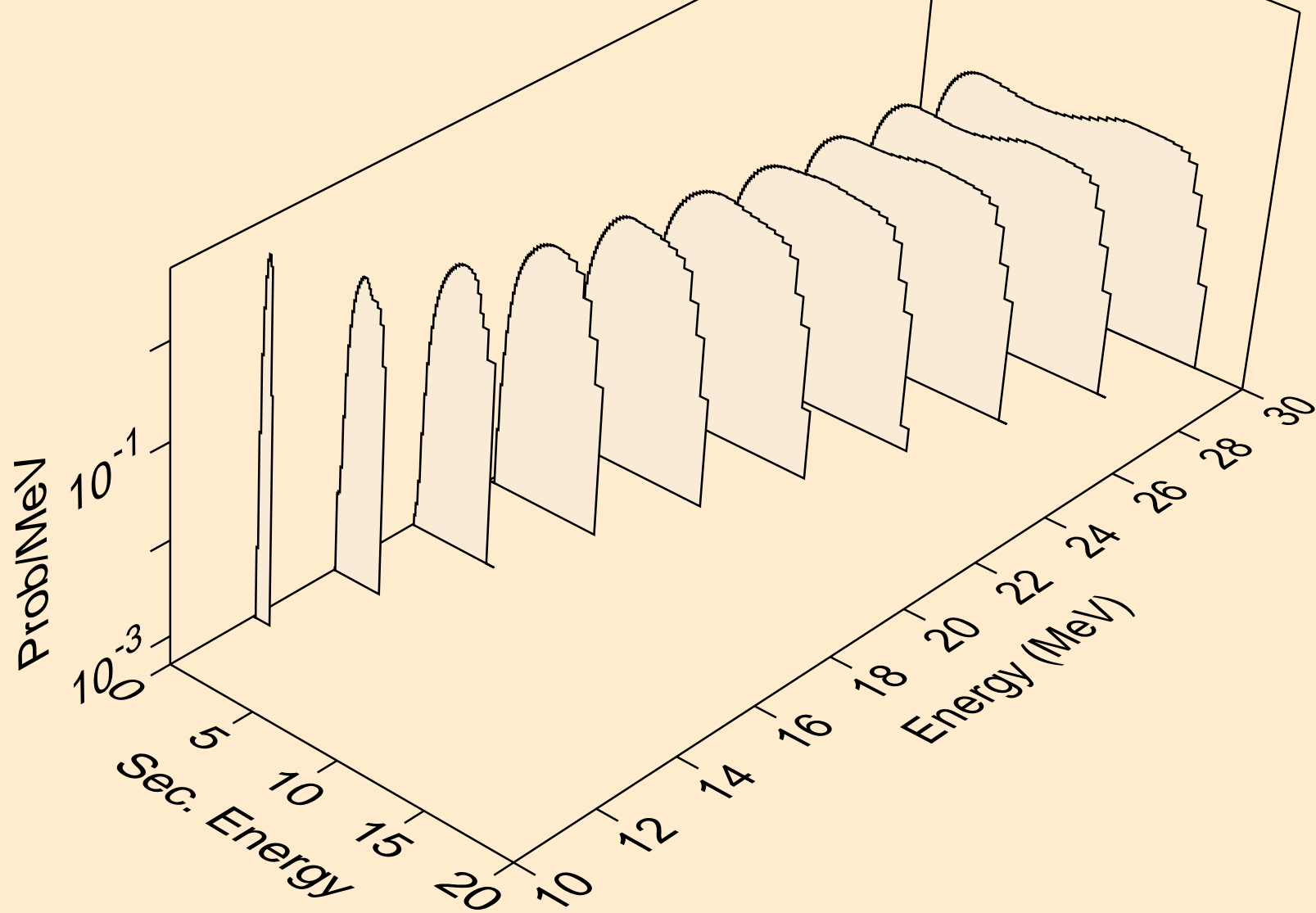
F019 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



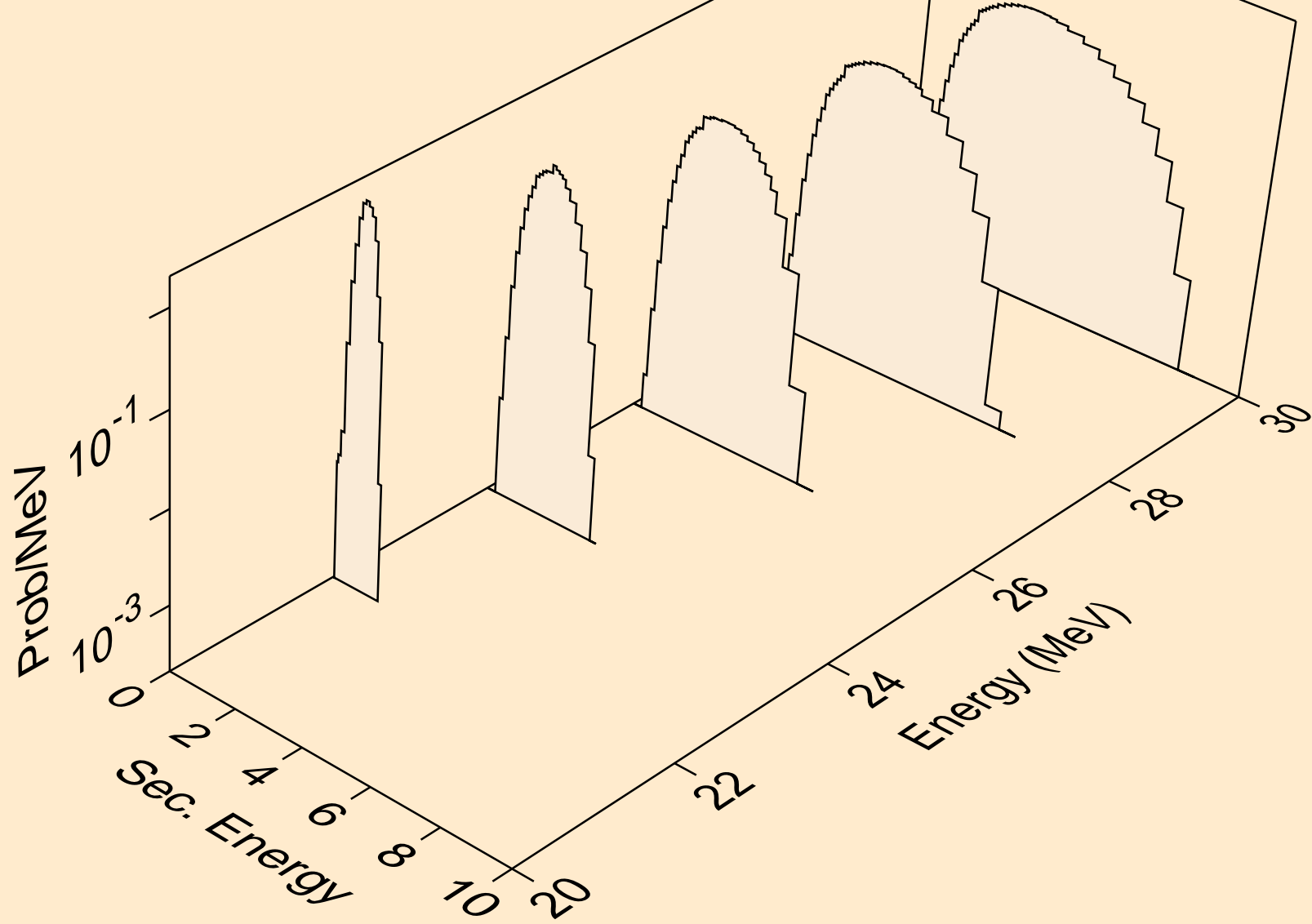
F019 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,x)



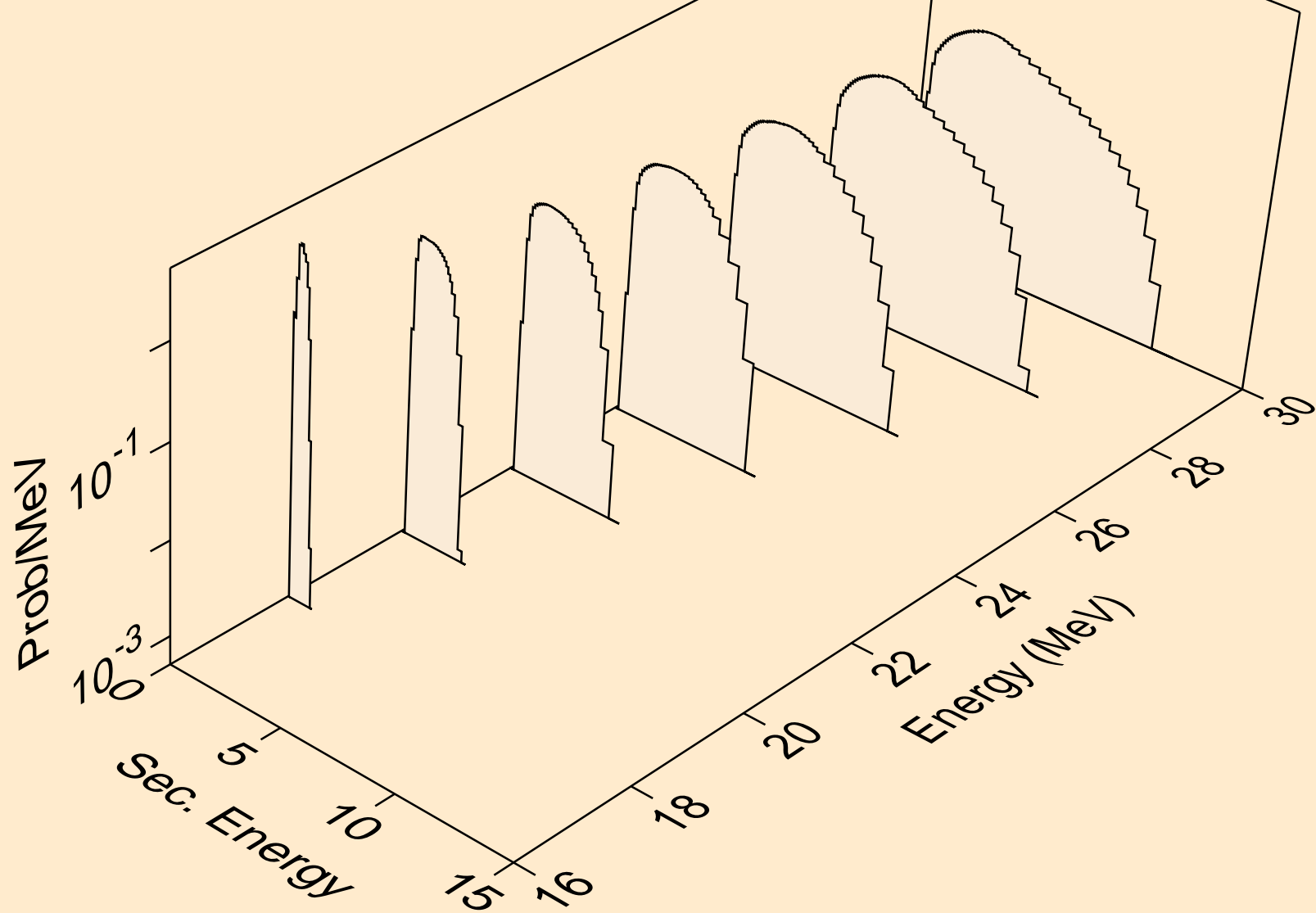
F019 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



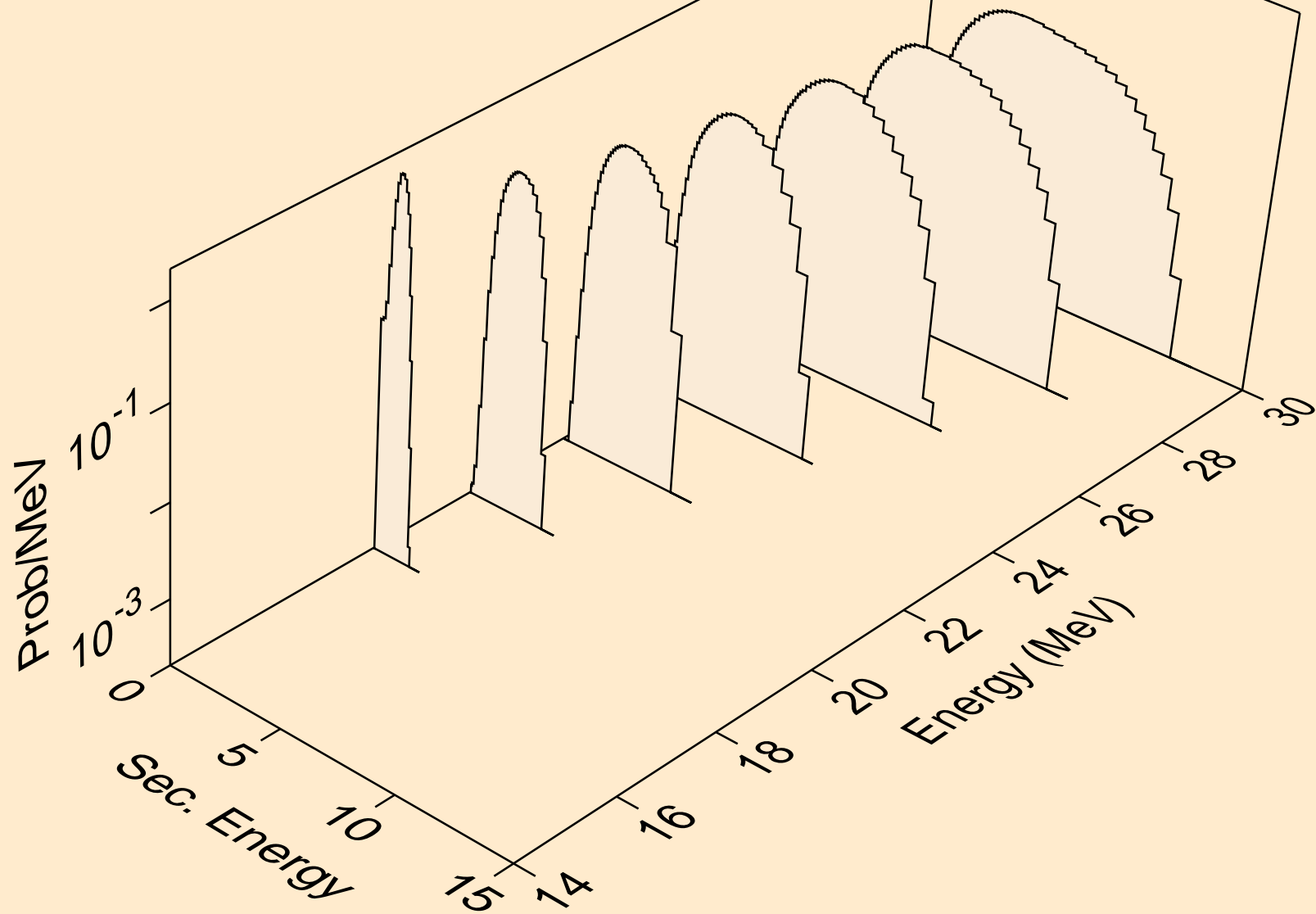
F019 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2np)



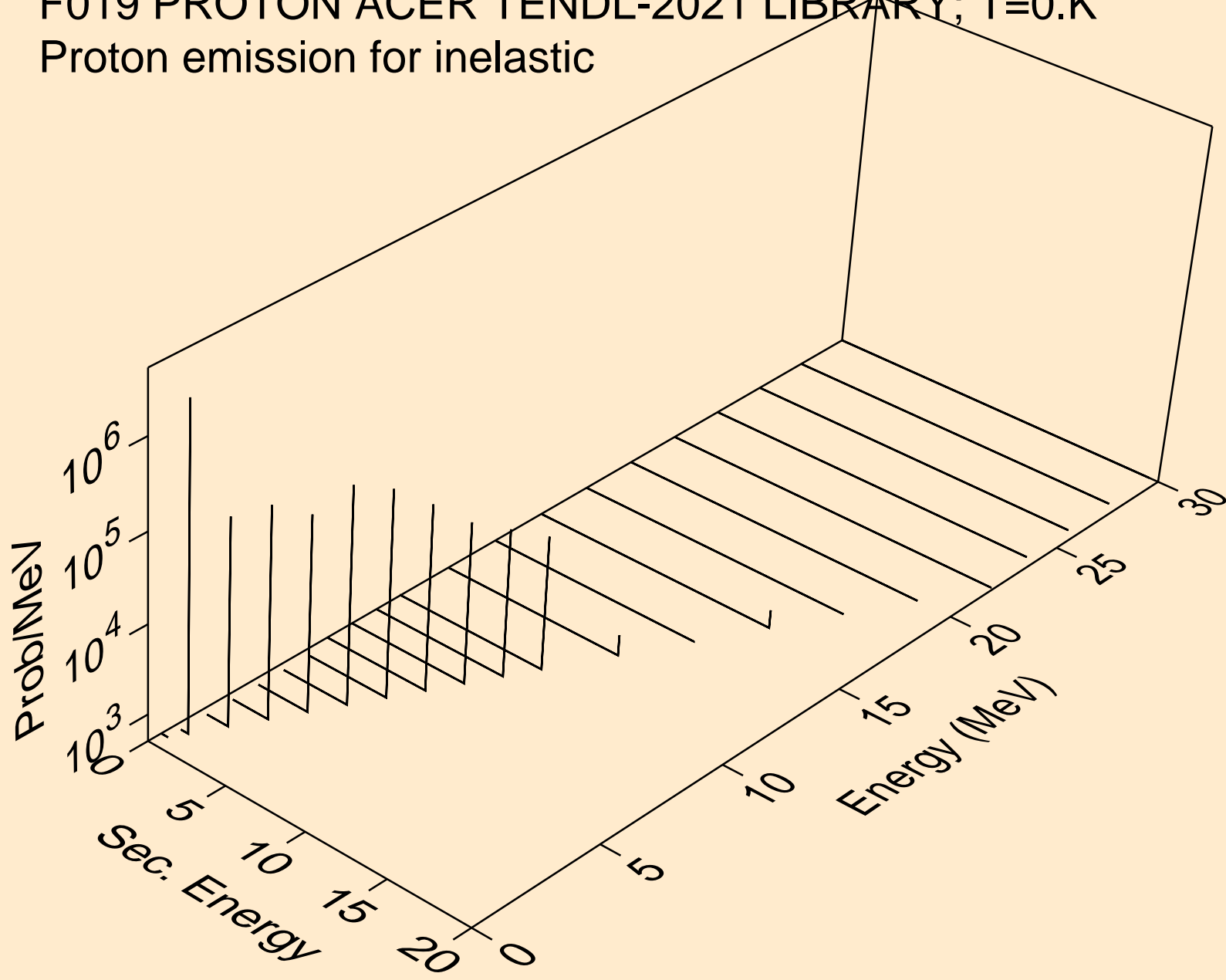
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Proton emission for (p,2np)



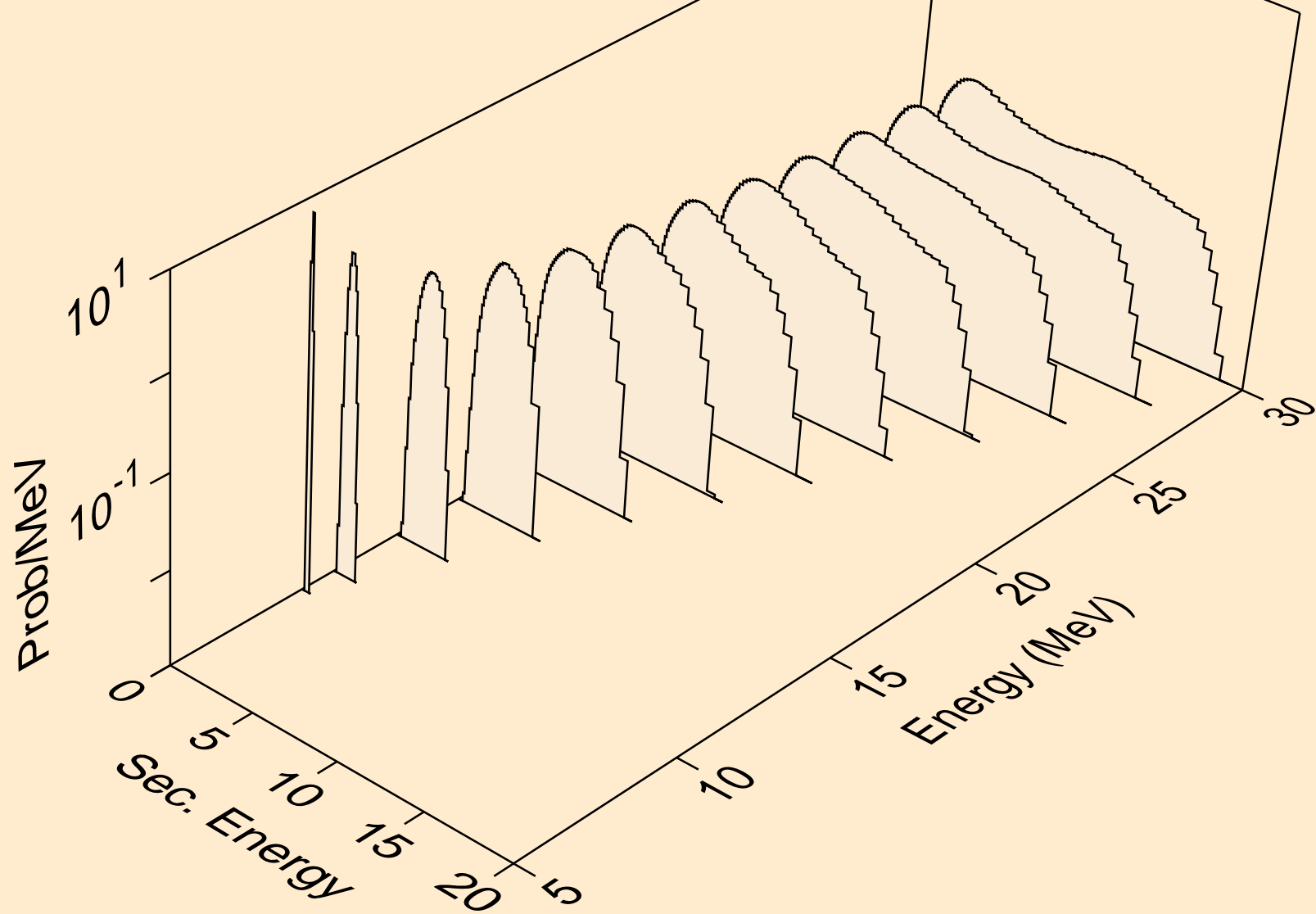
F019 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,npa)



F019 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for inelastic

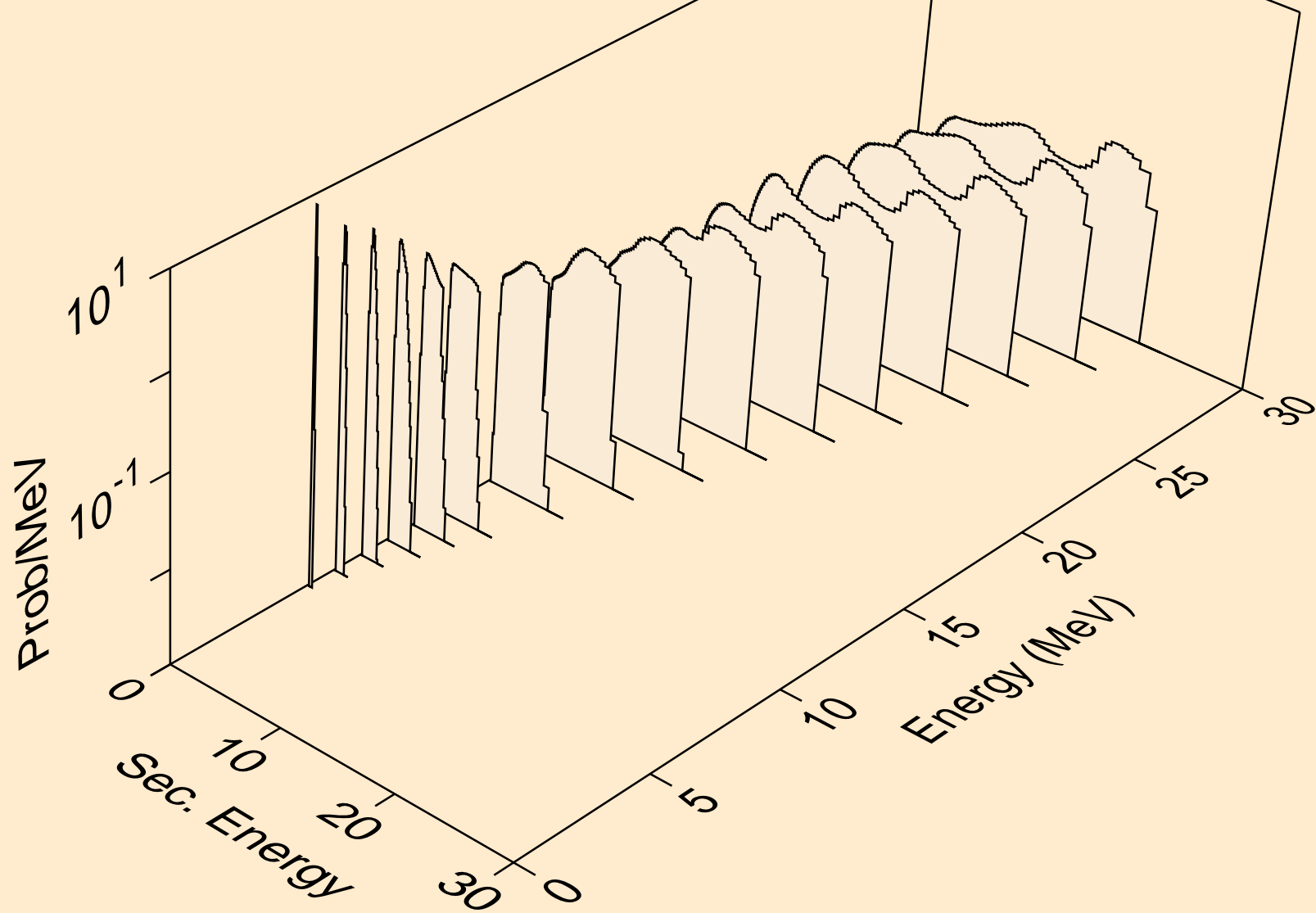


F019 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2p)

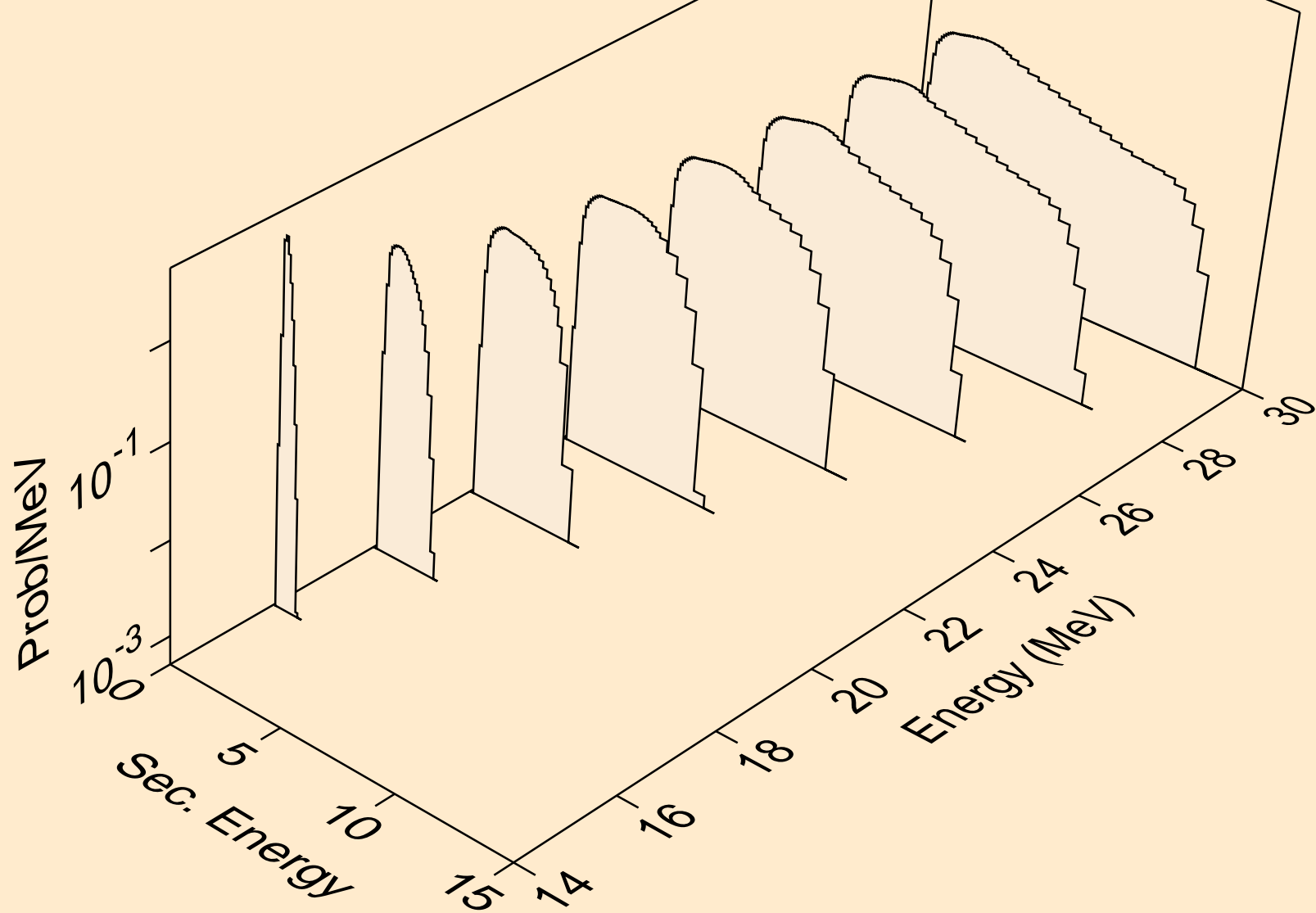




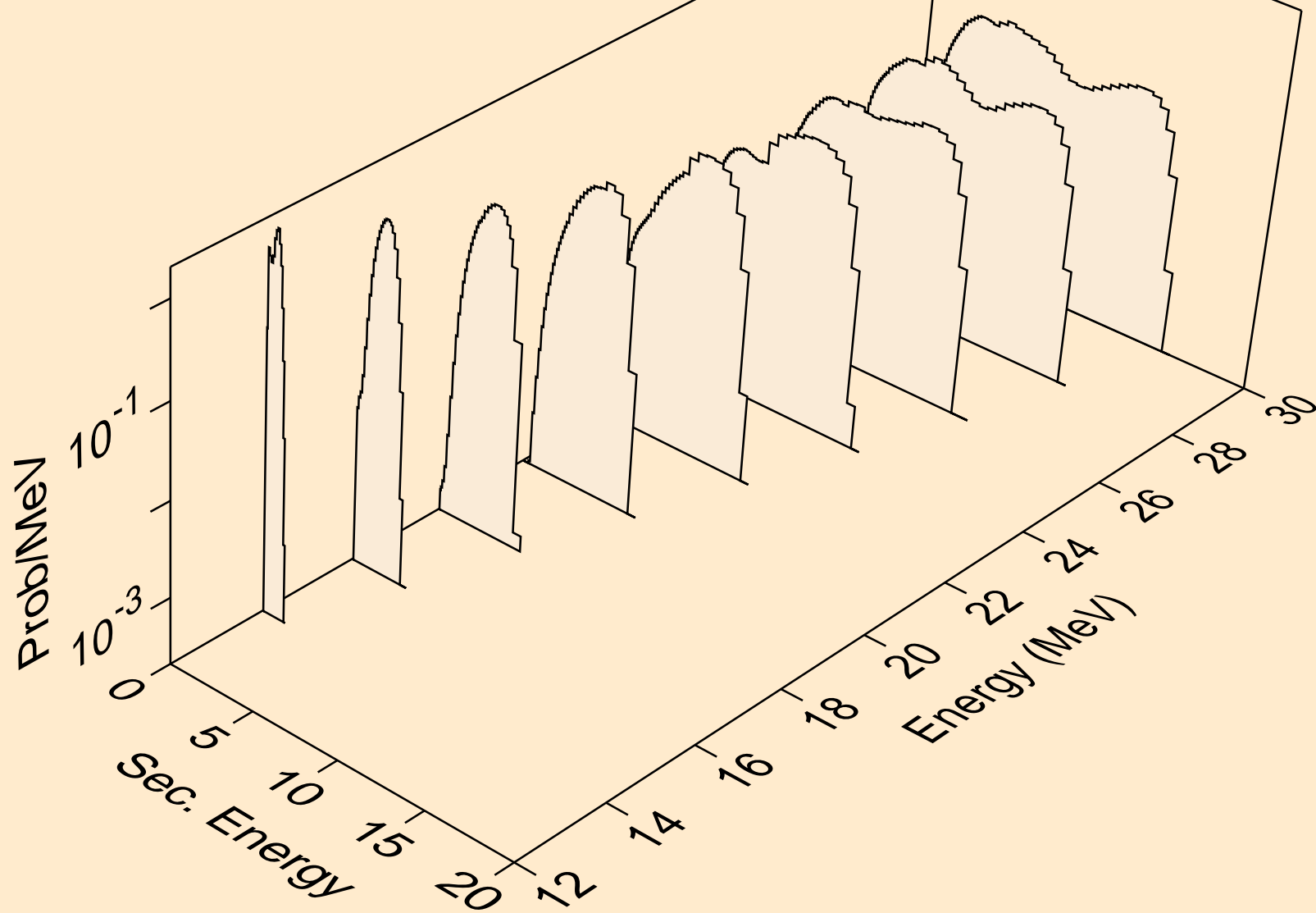
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Proton emission for (p,pa)



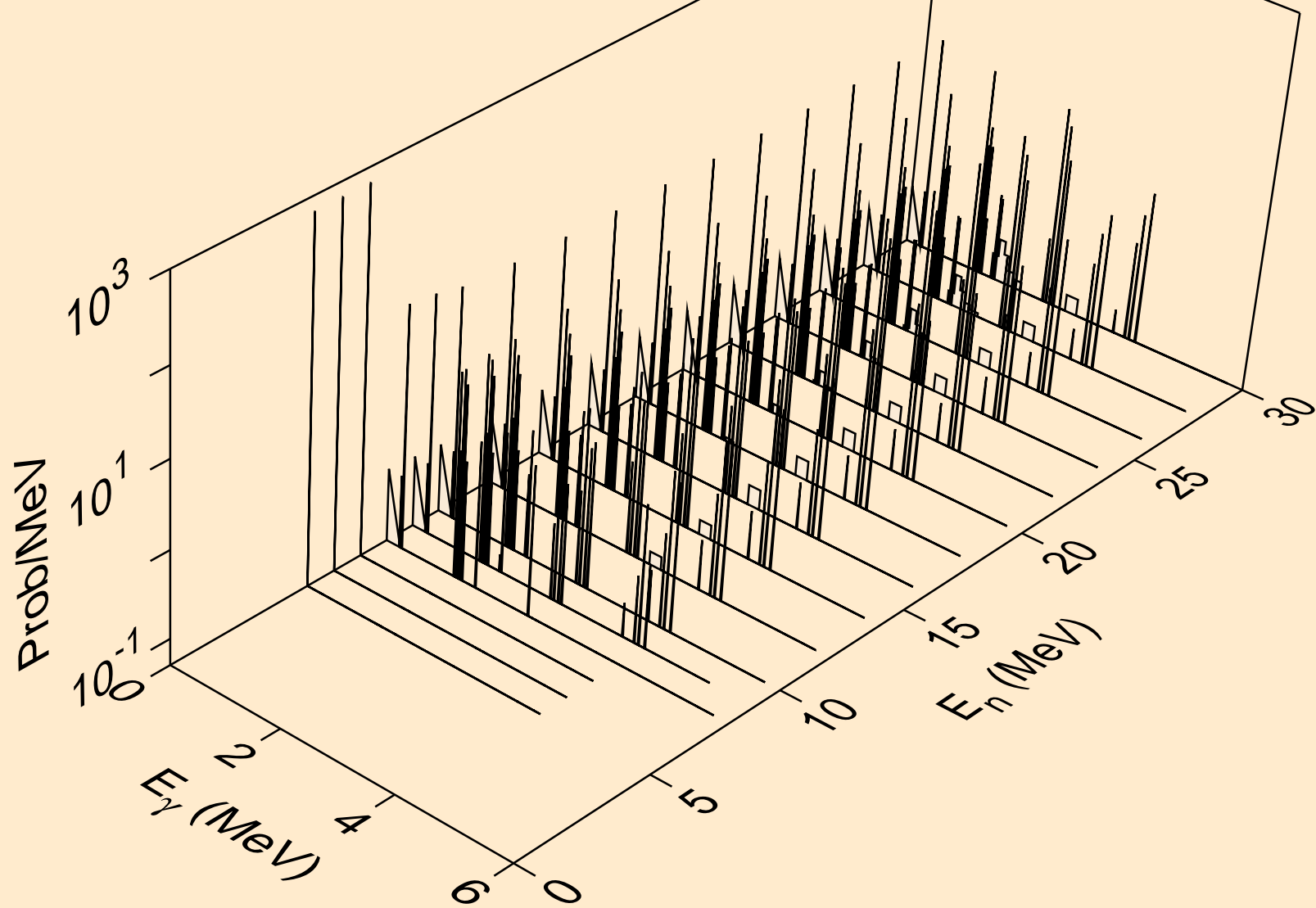
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Proton emission for (p,pd)



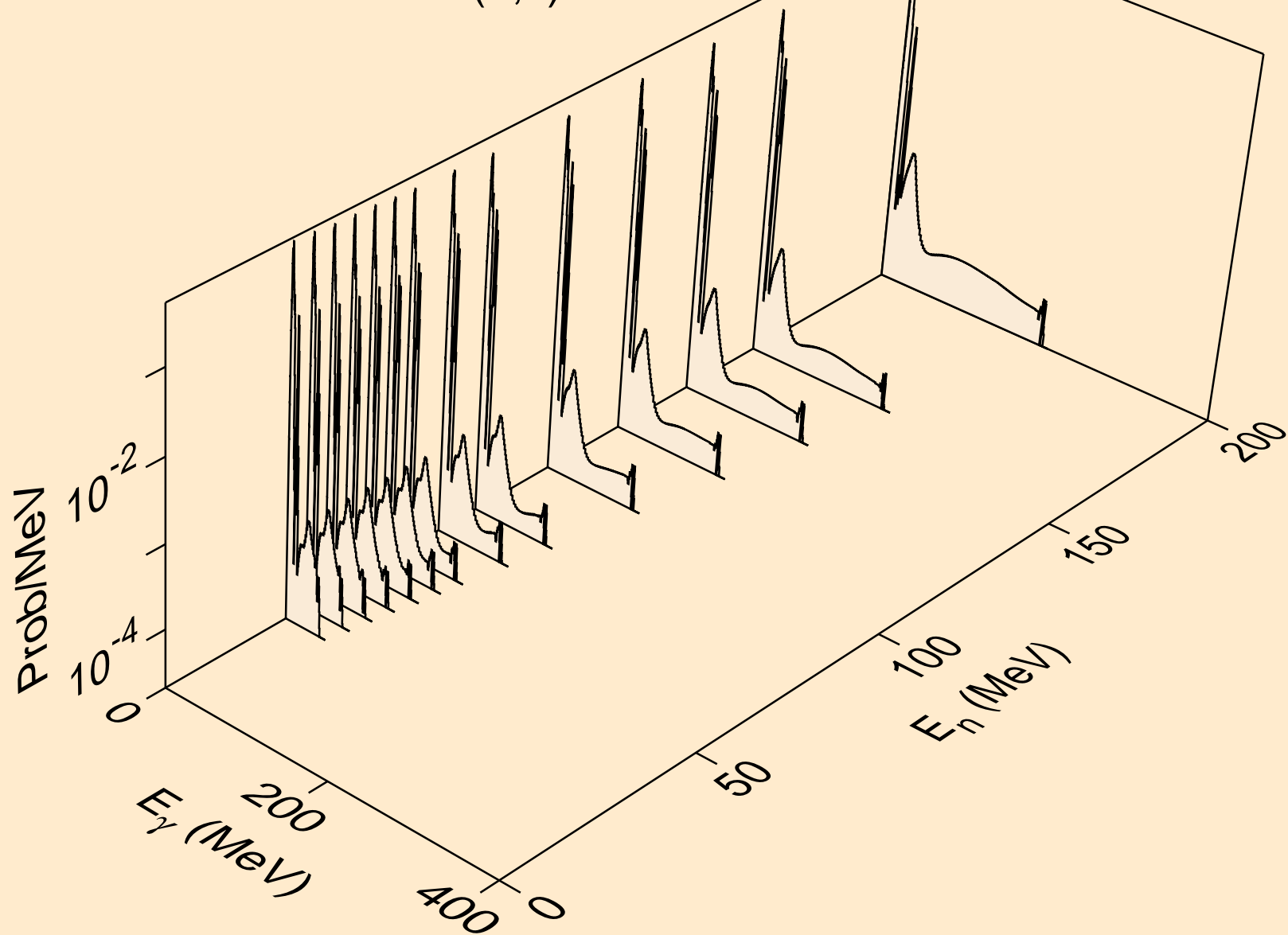
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Proton emission for (p,pt)



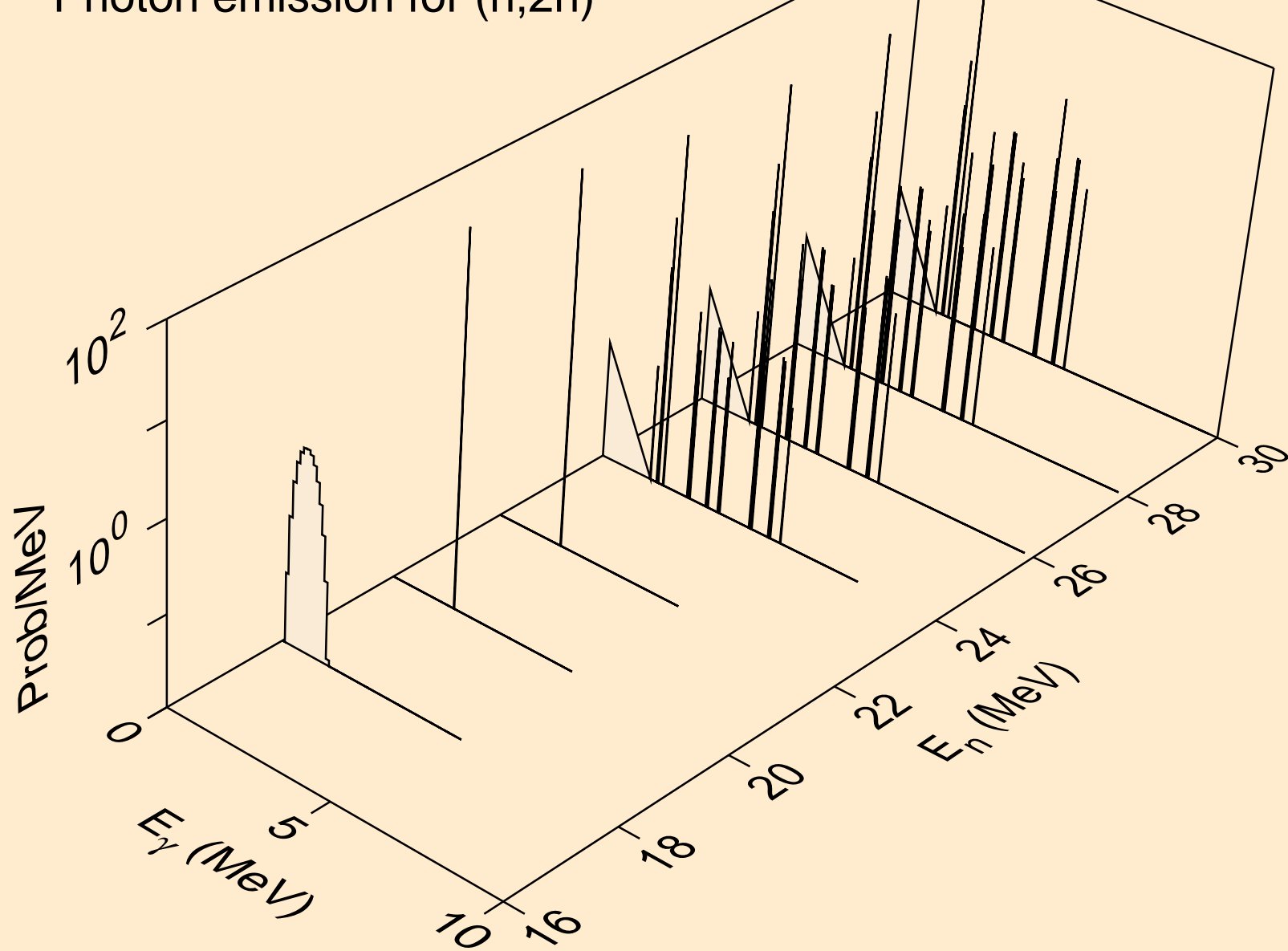
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Photon emission for (z,n)



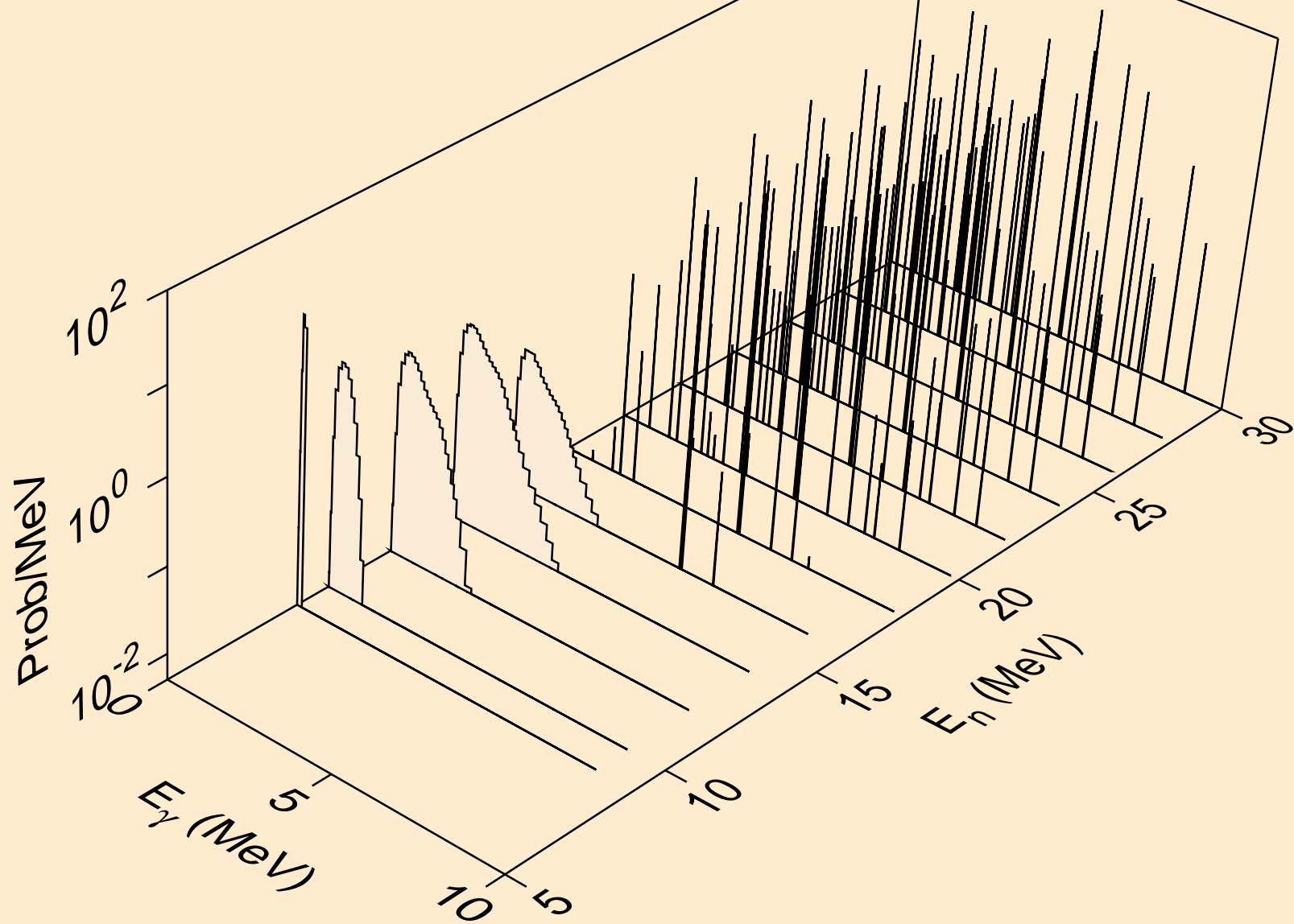
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Photon emission for (n,x)



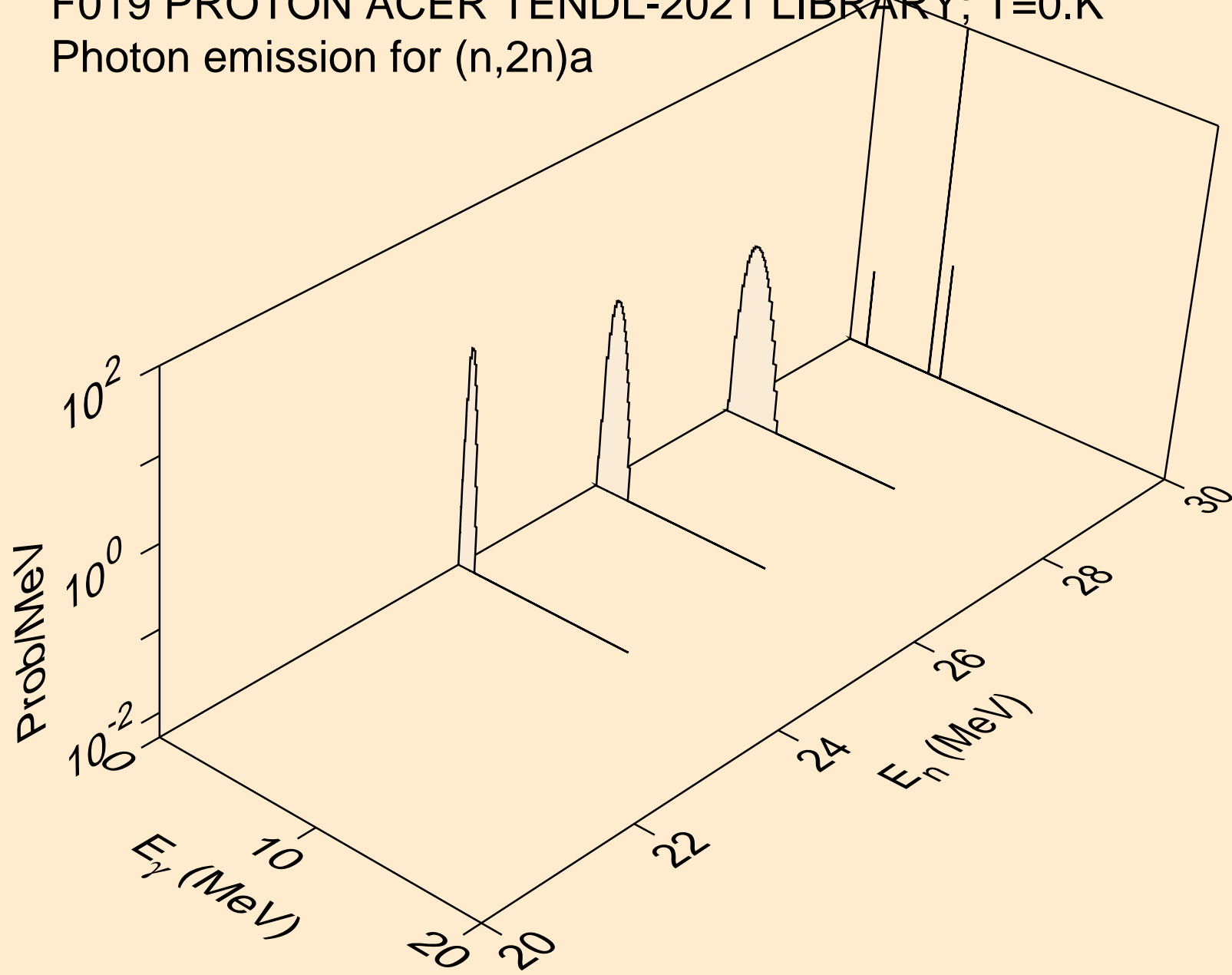
F019 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



F019 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

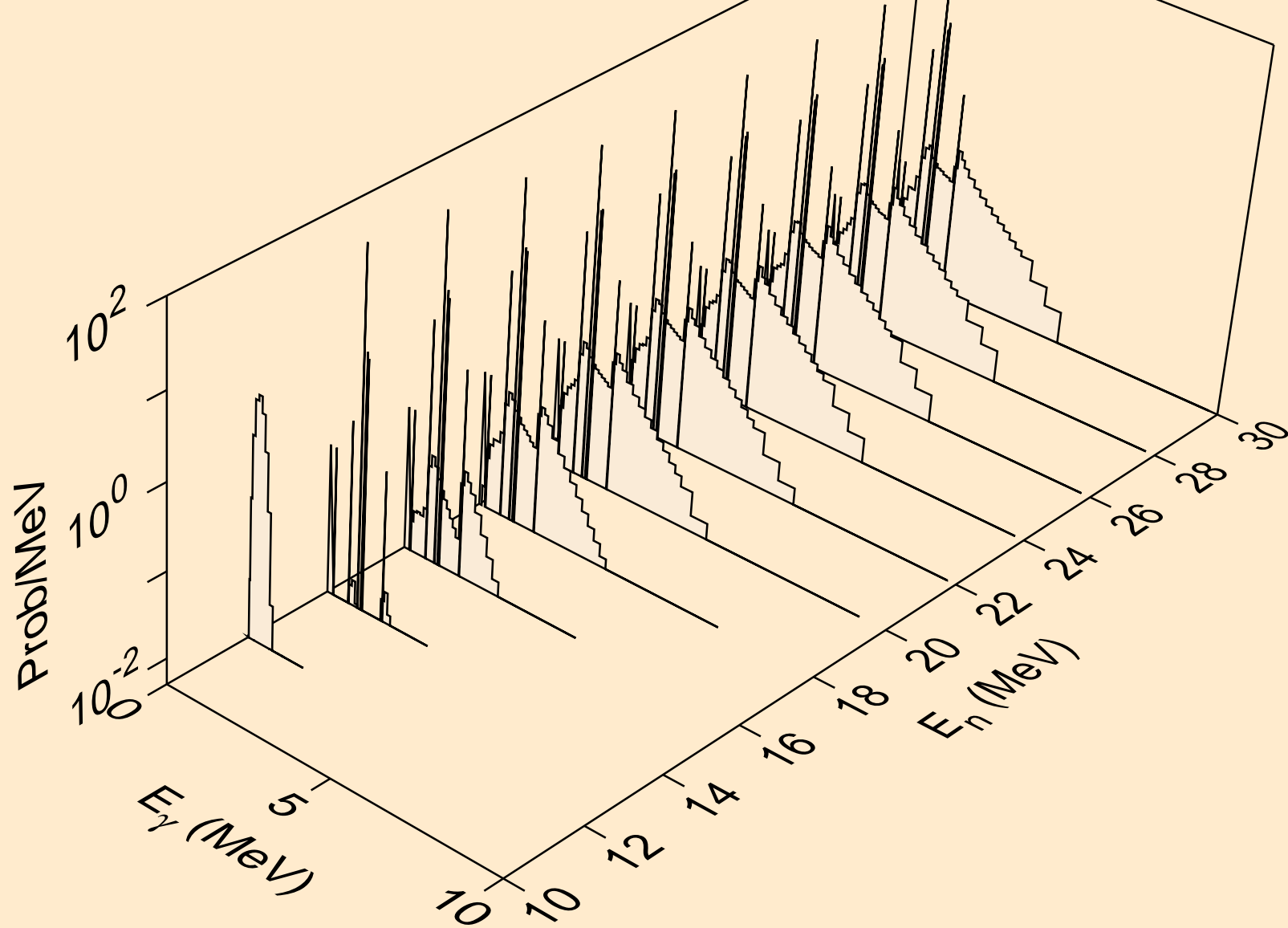


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Photon emission for (n,2n)a

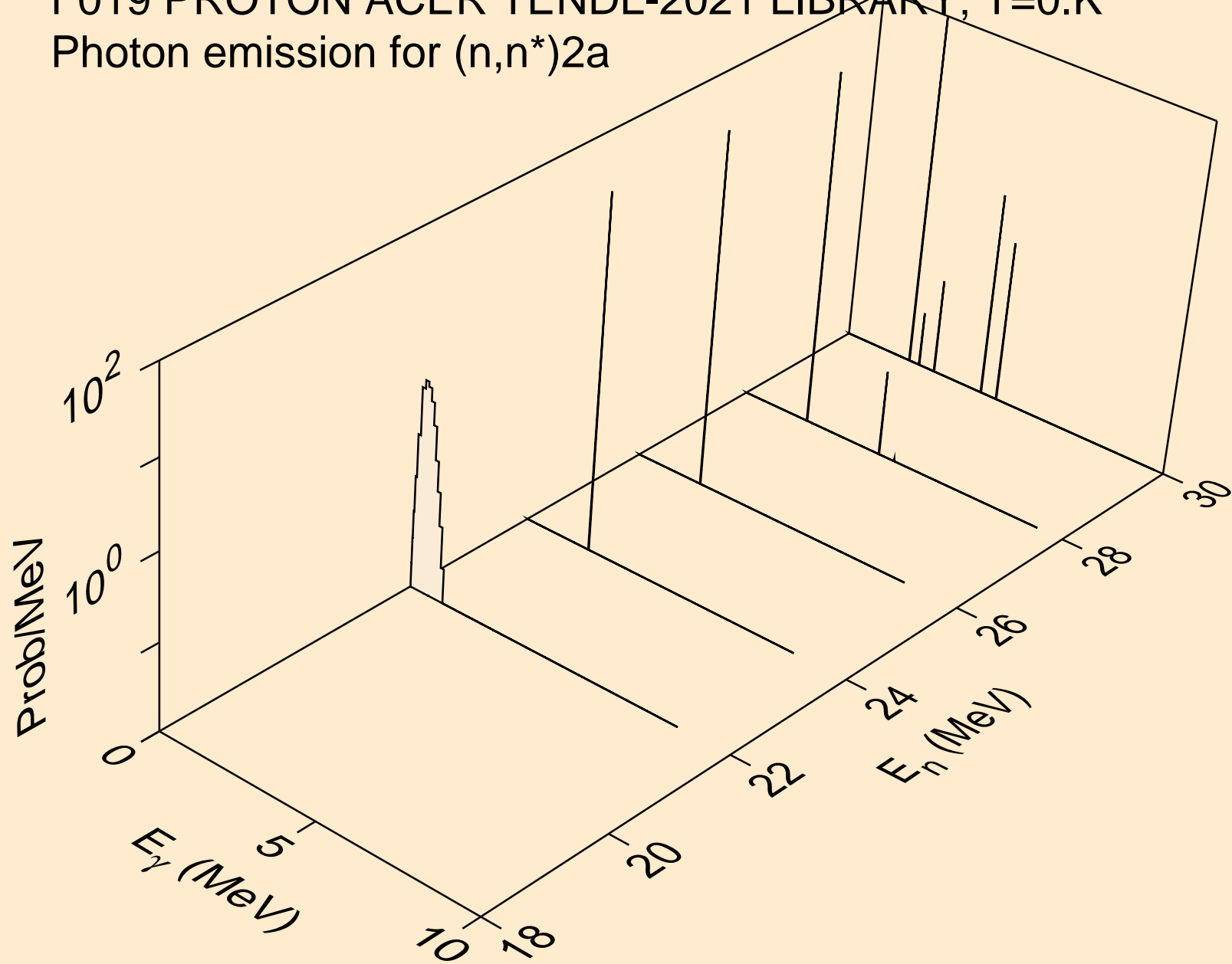




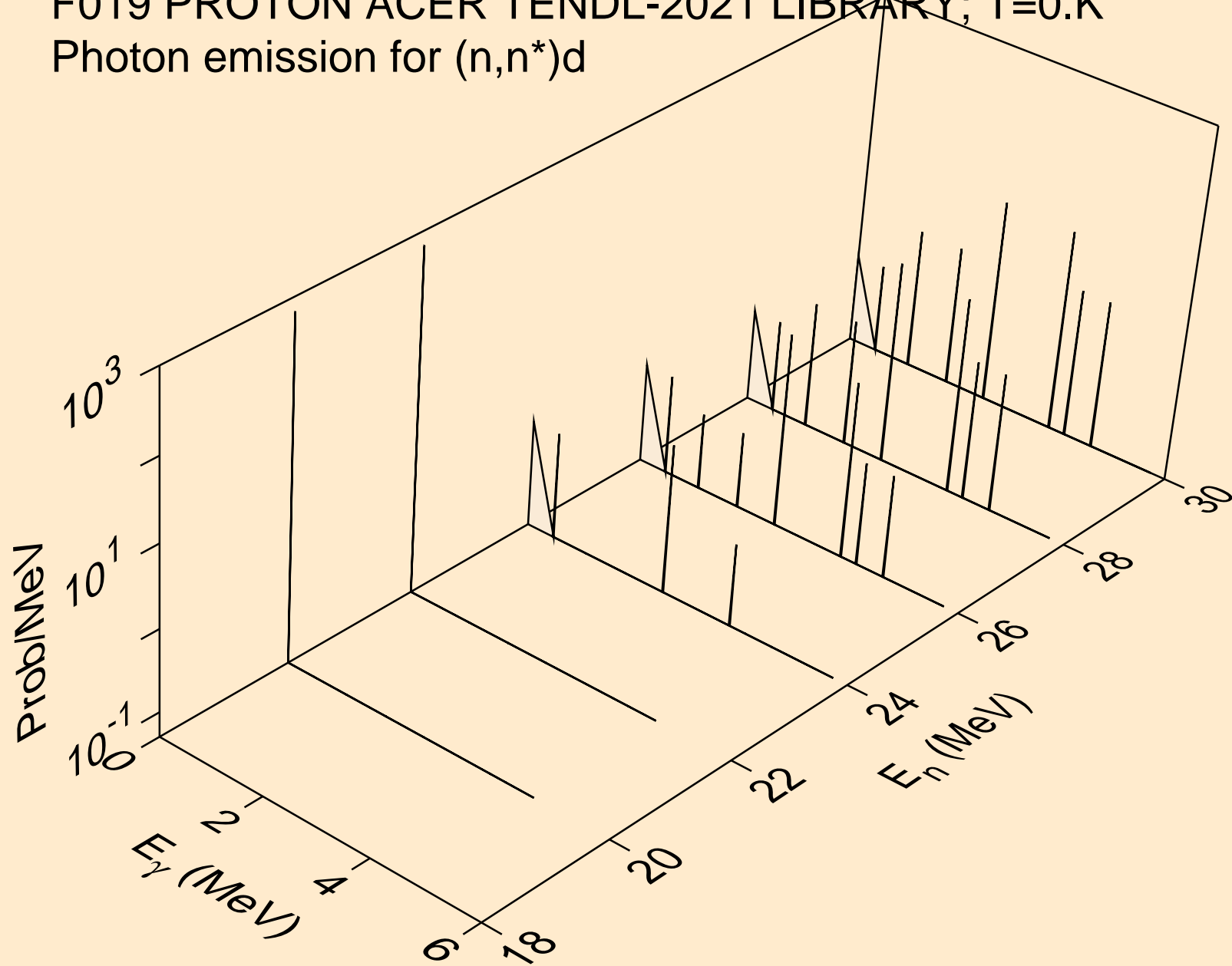
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Photon emission for (n,n\*)p



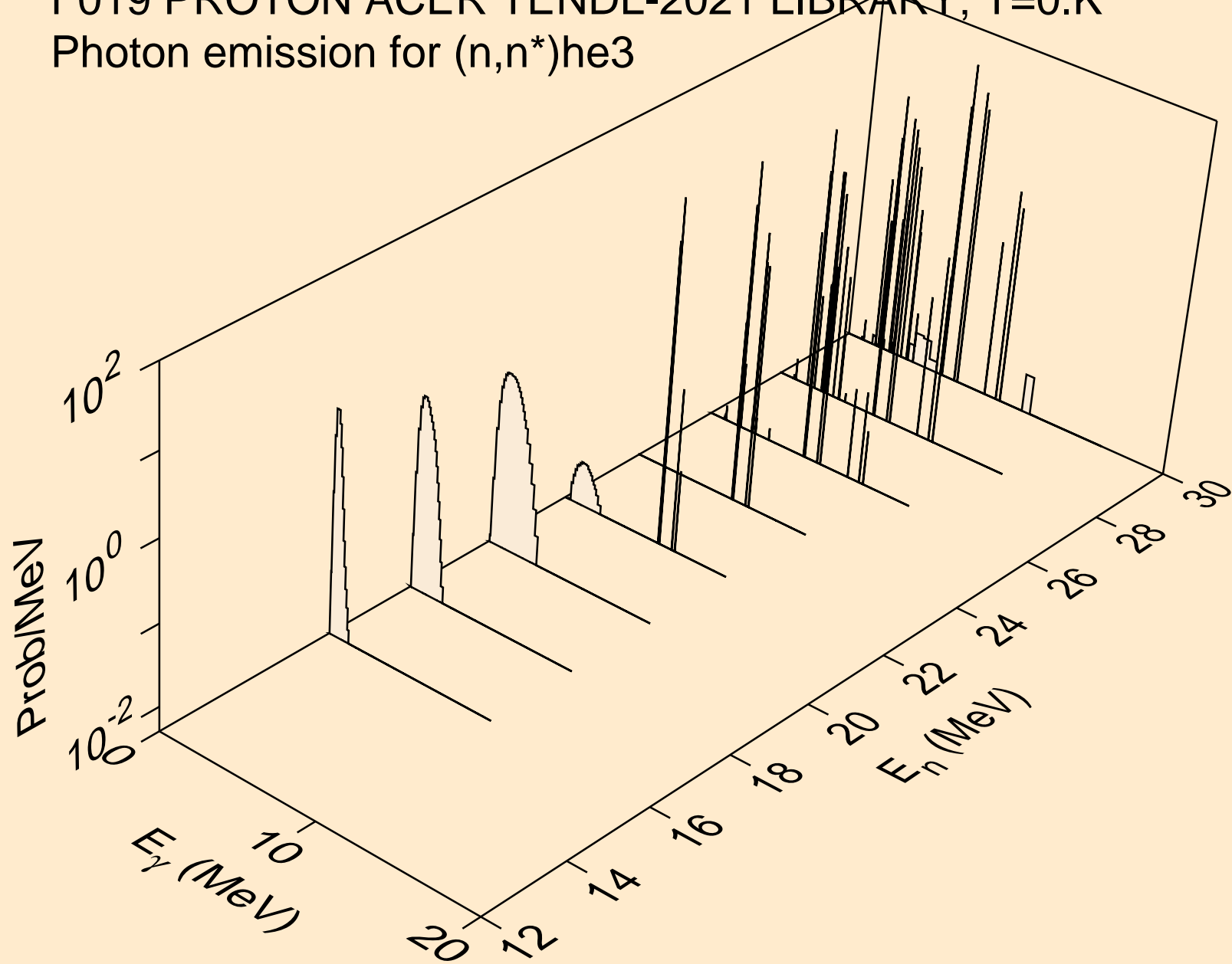
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Photon emission for (n,n\*)2a



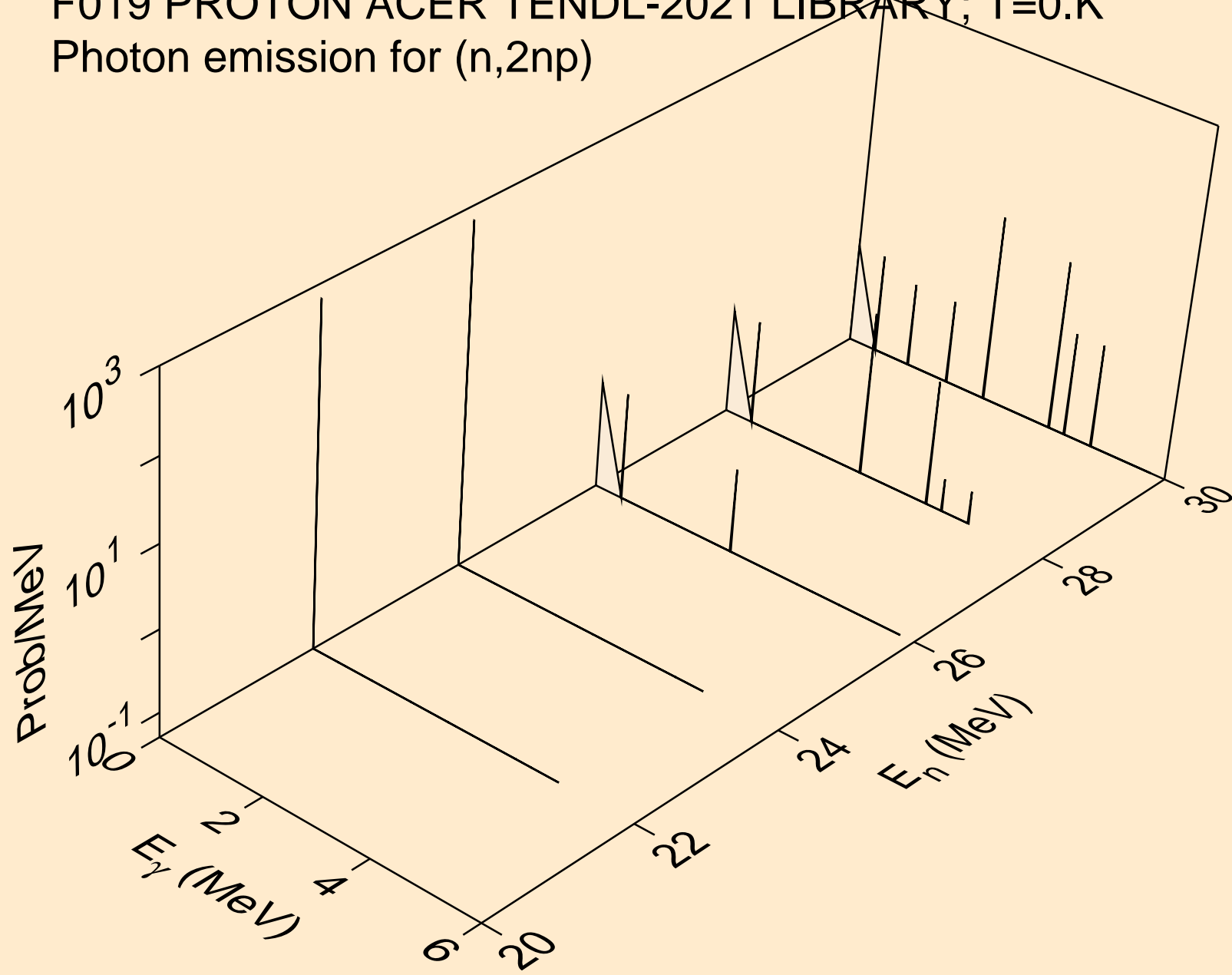
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Photon emission for (n,n\*)d



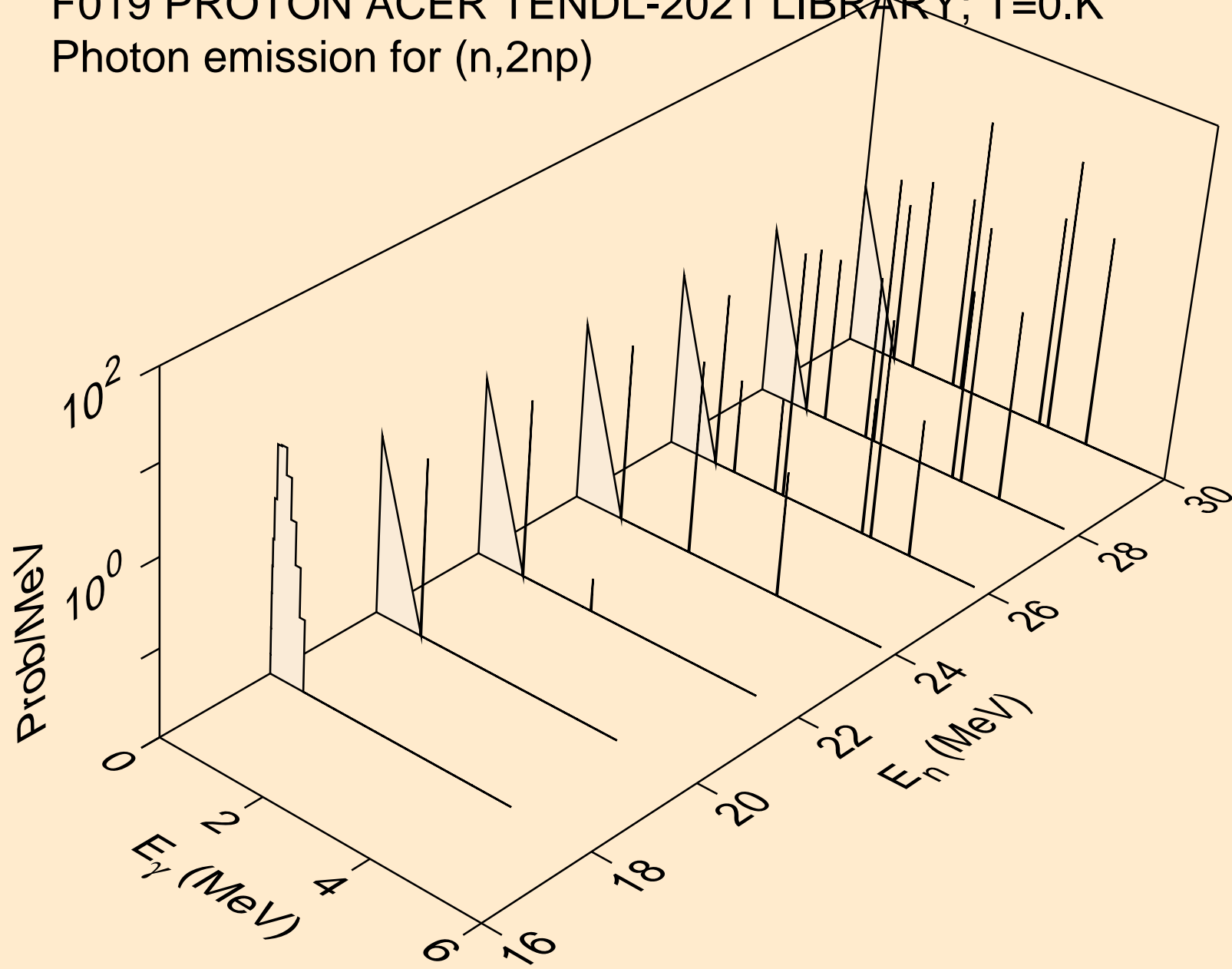
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Photon emission for (n,n\*)he3



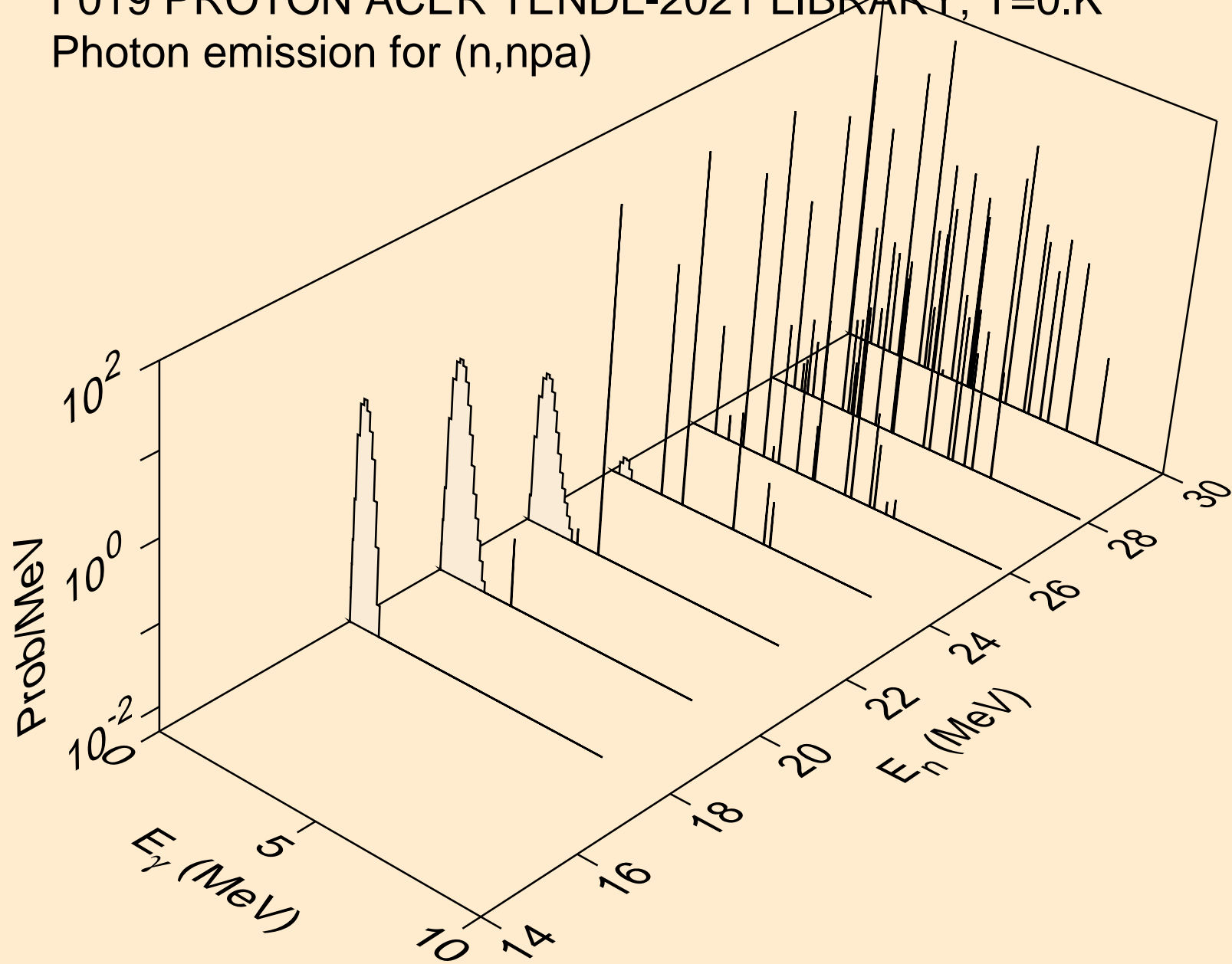
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Photon emission for (n,2np)



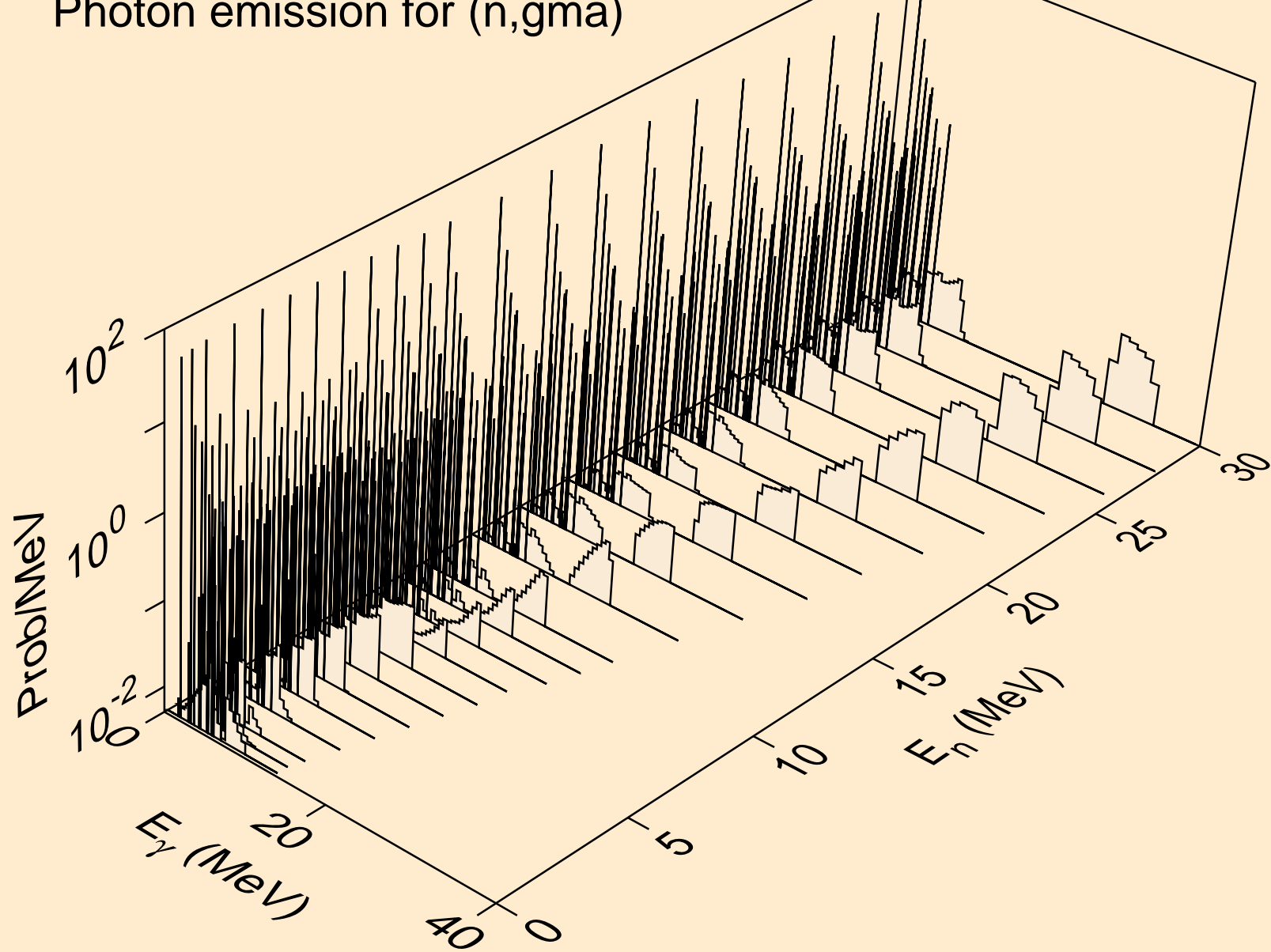
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Photon emission for (n,2np)



F019 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,npa)

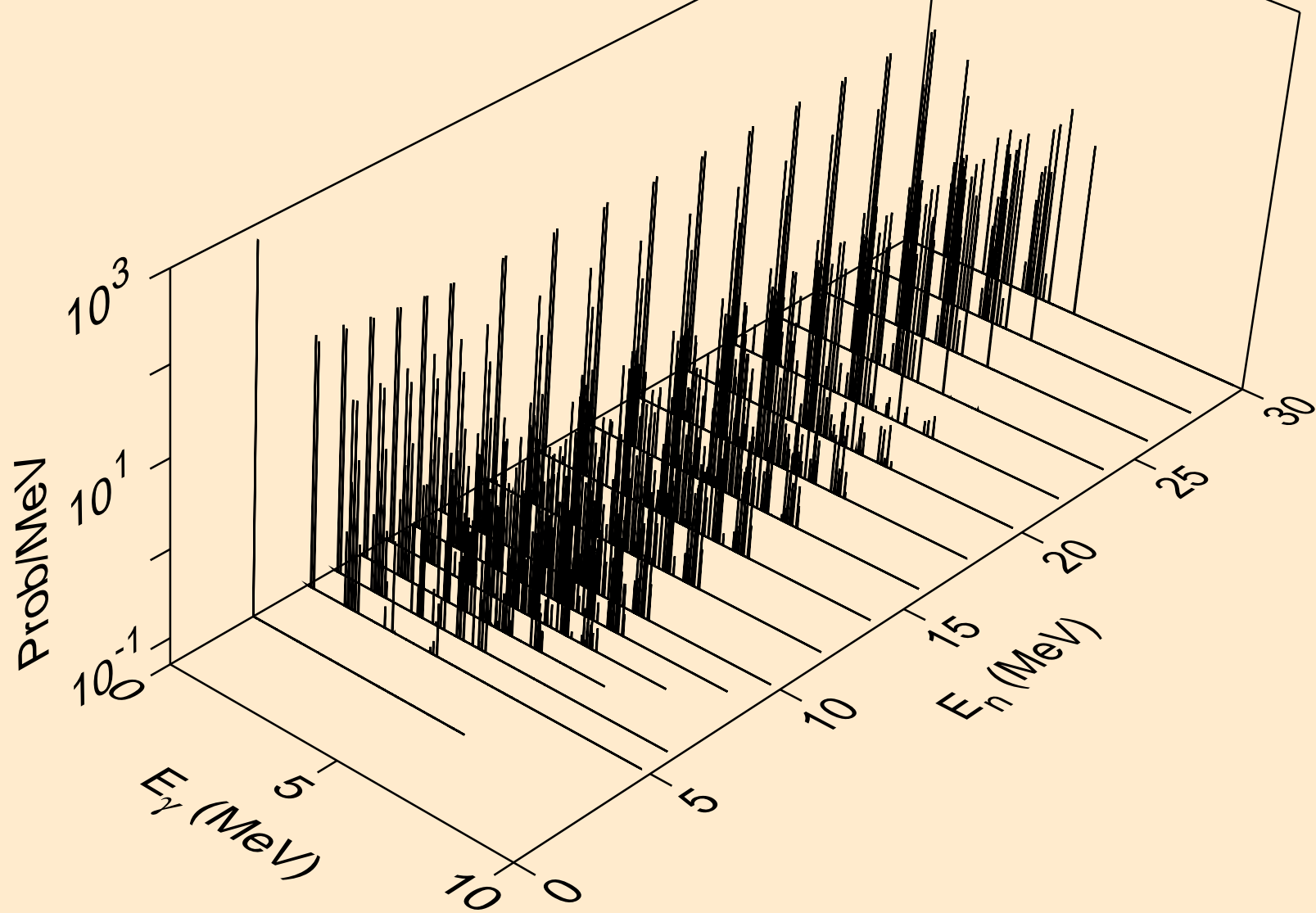


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Photon emission for (n,gma)

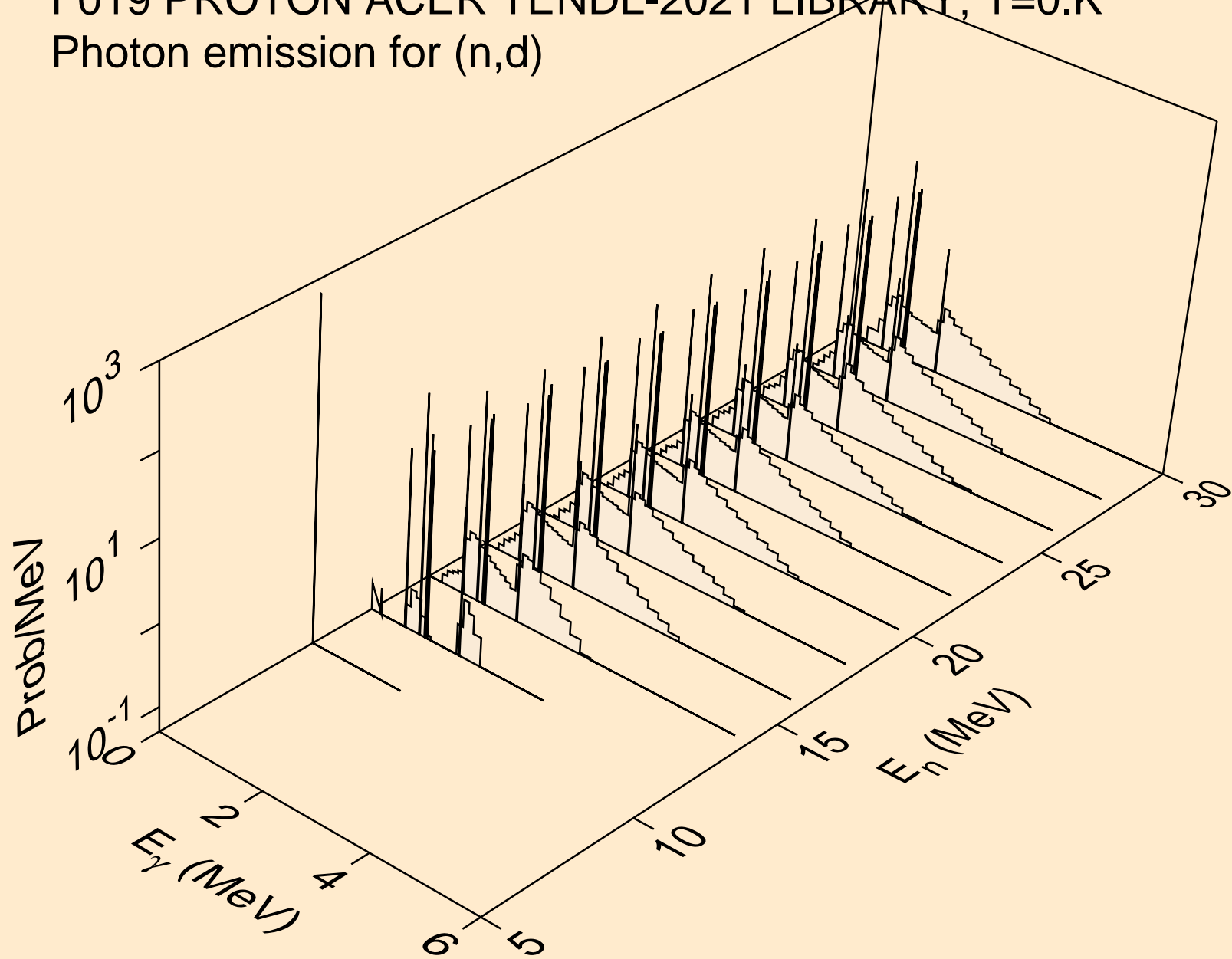




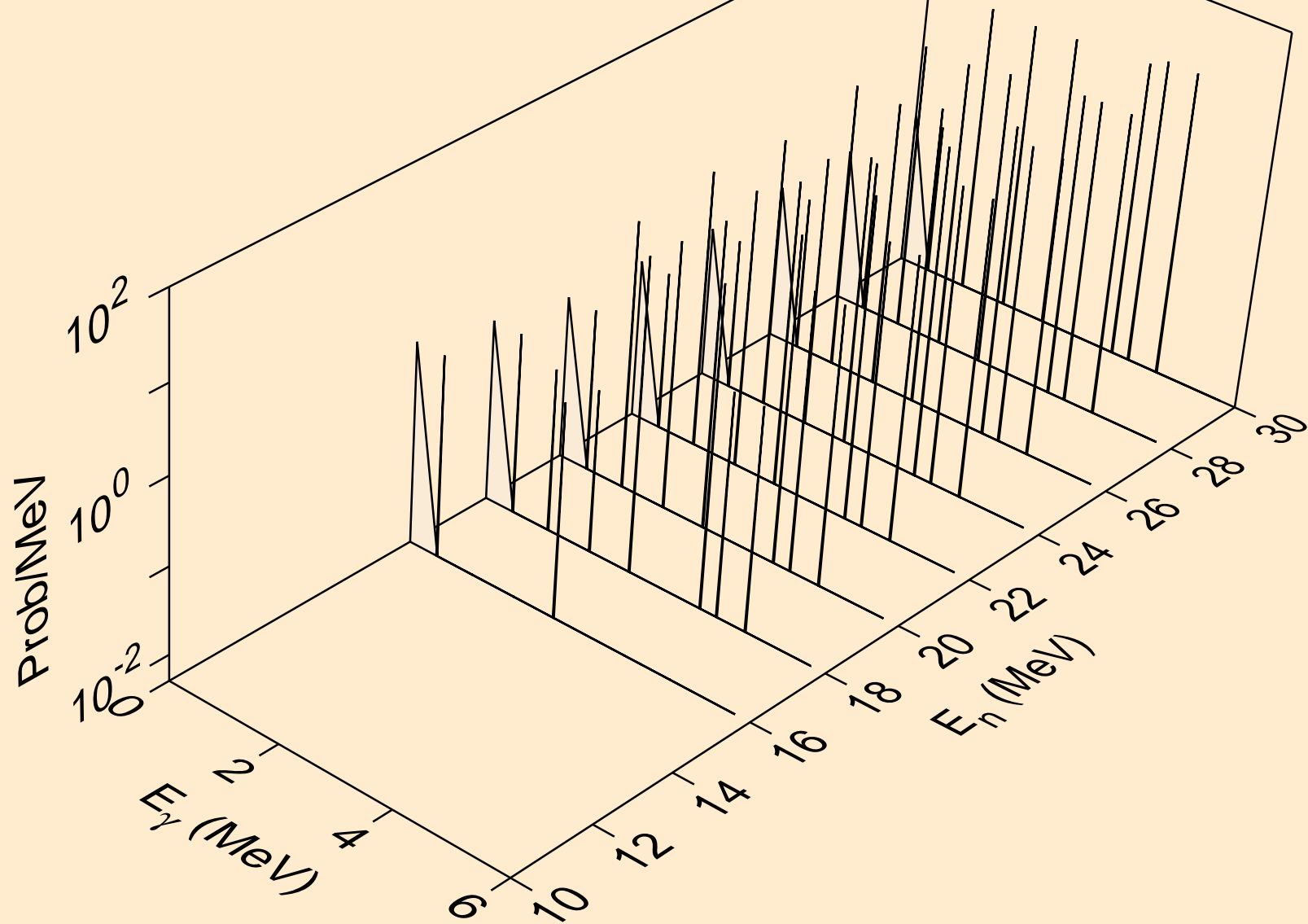
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Photon emission for inelastic



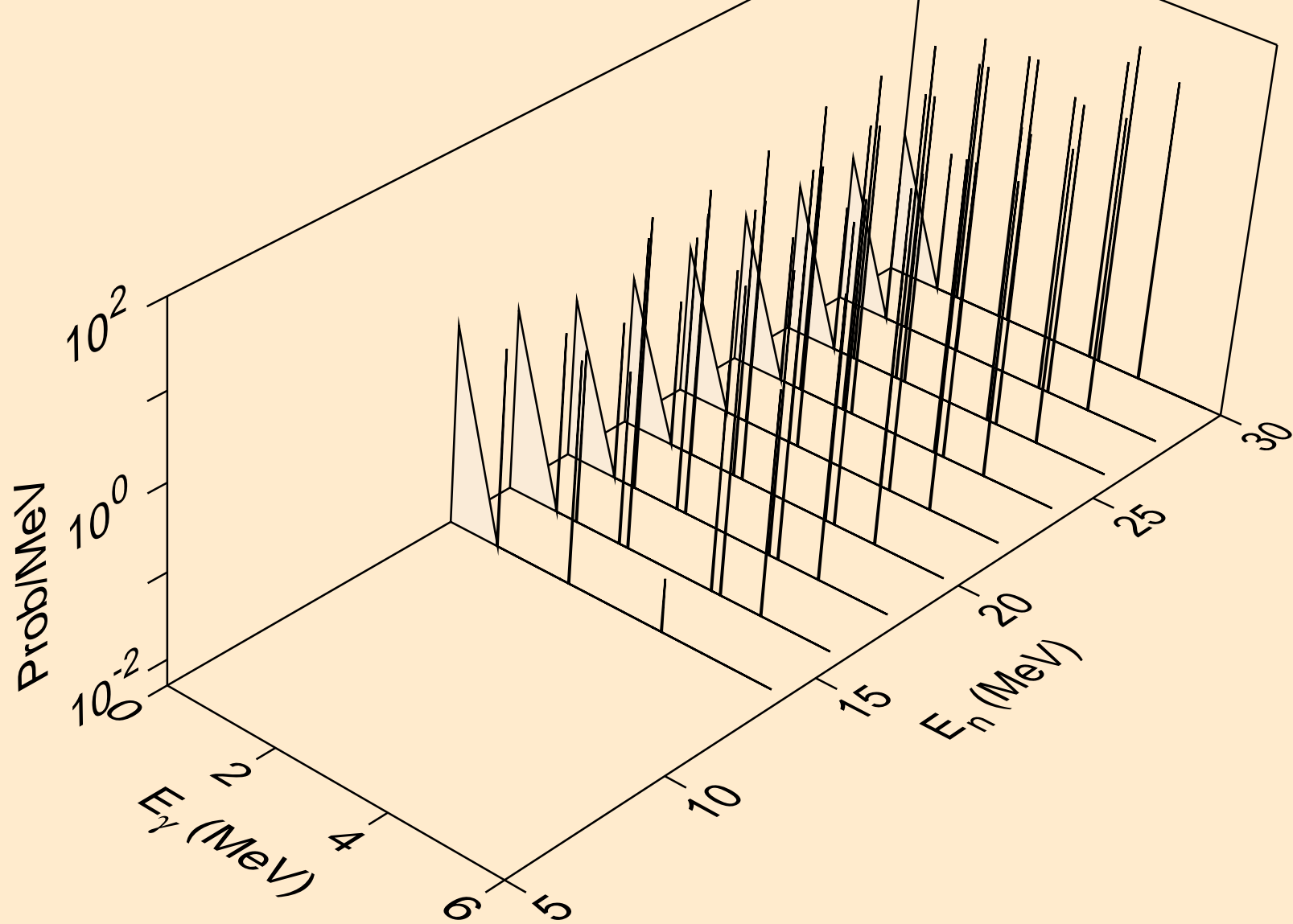
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Photon emission for (n,d)



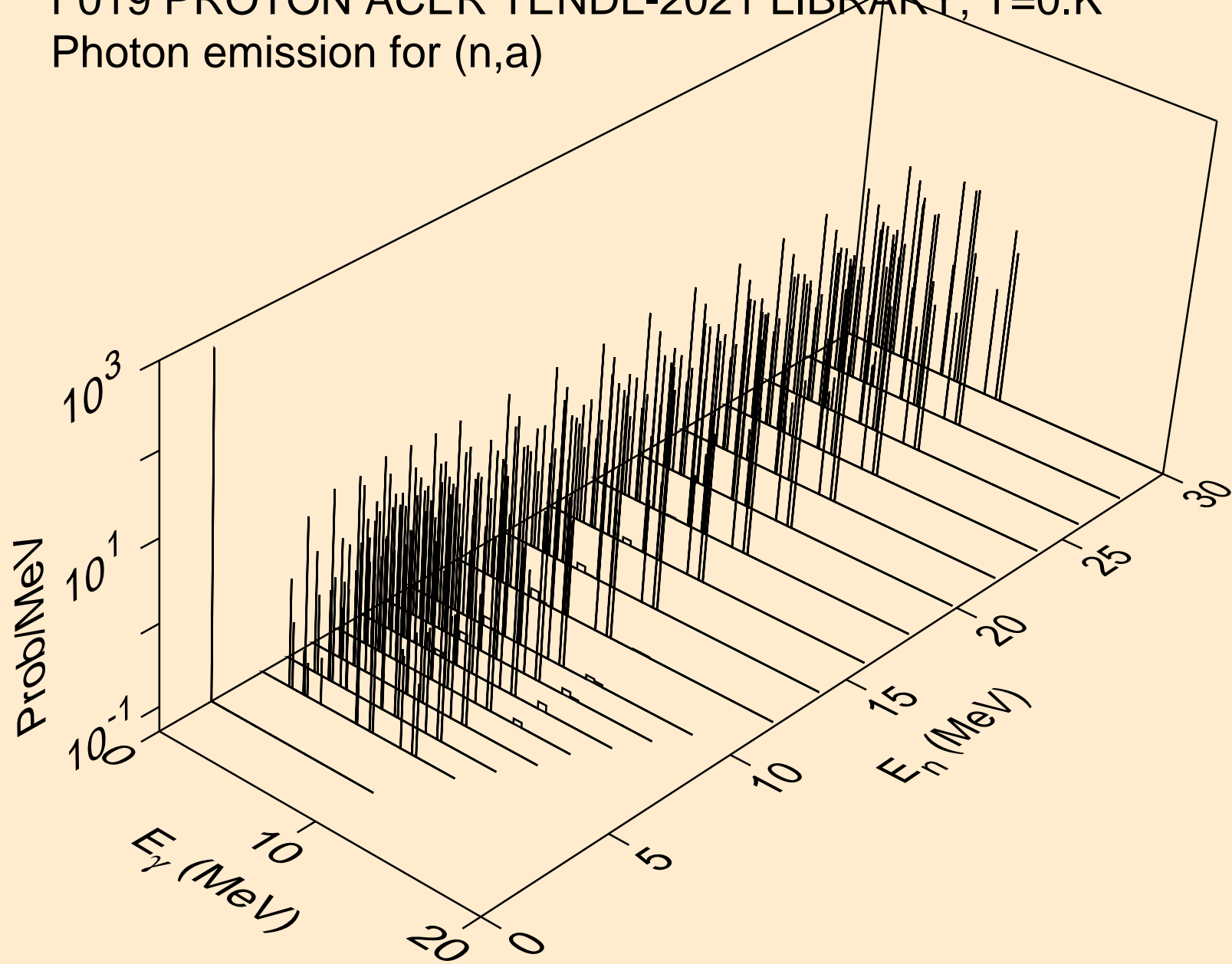
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Photon emission for (n,t)



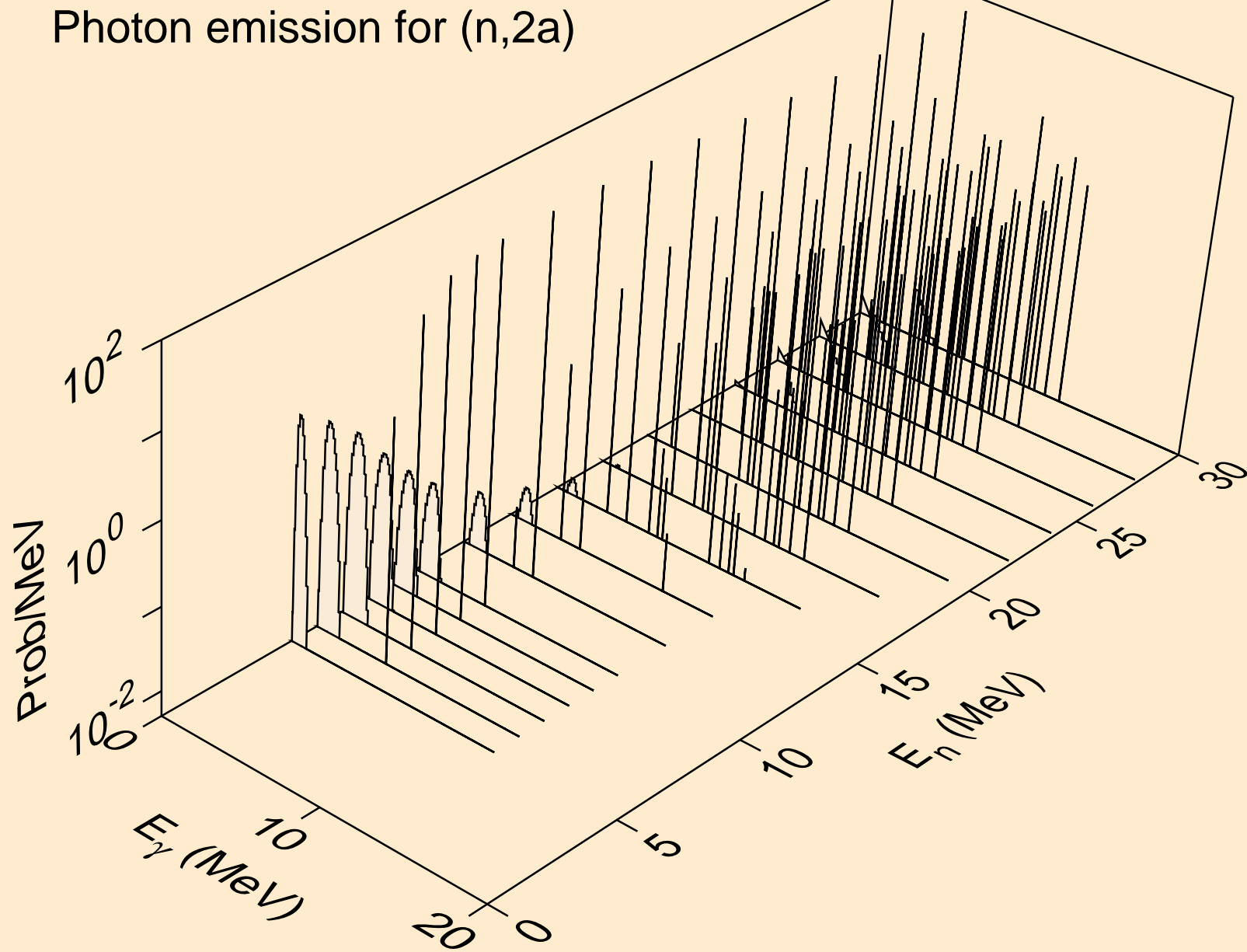
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Photon emission for (n,he3)



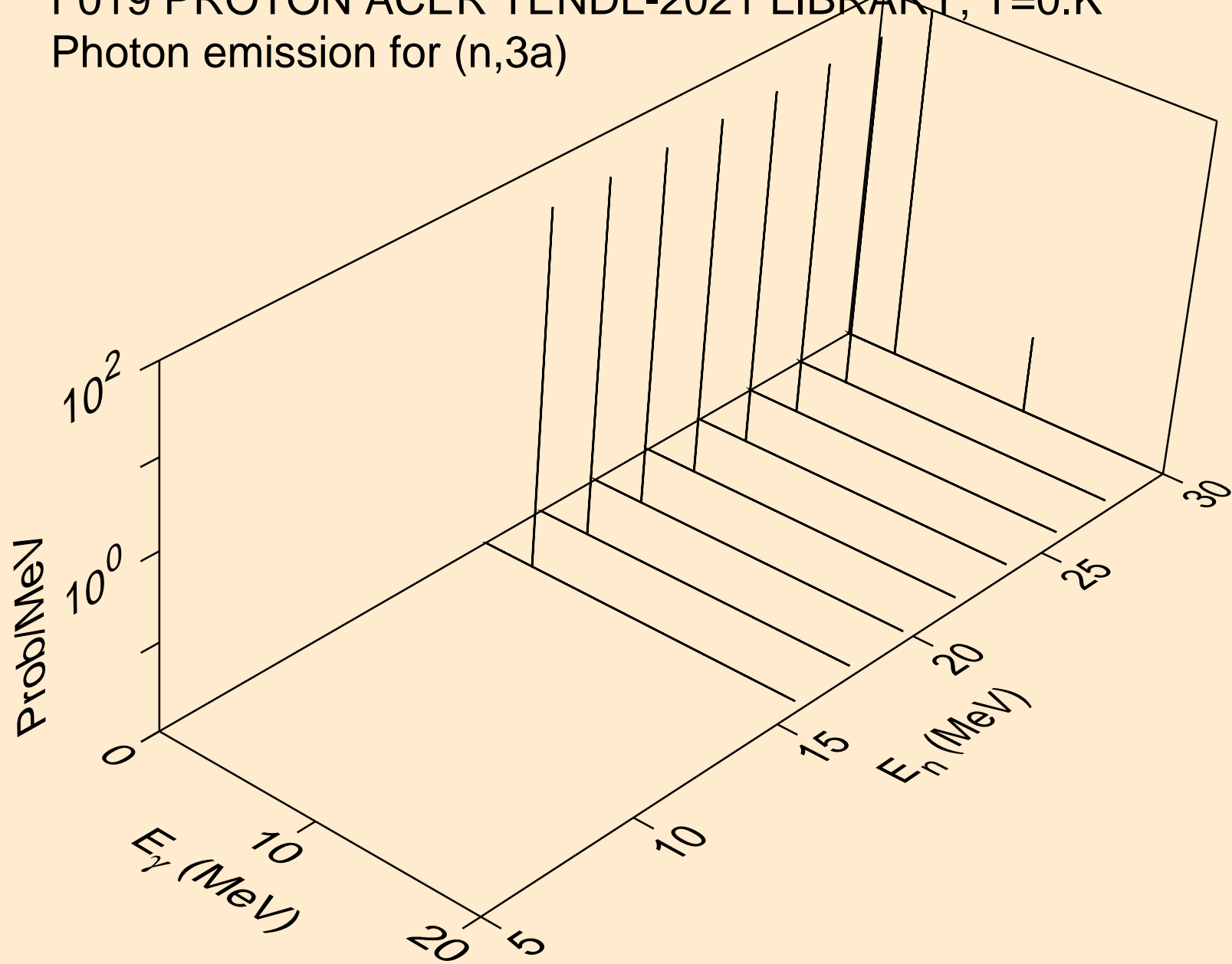
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Photon emission for (n,a)



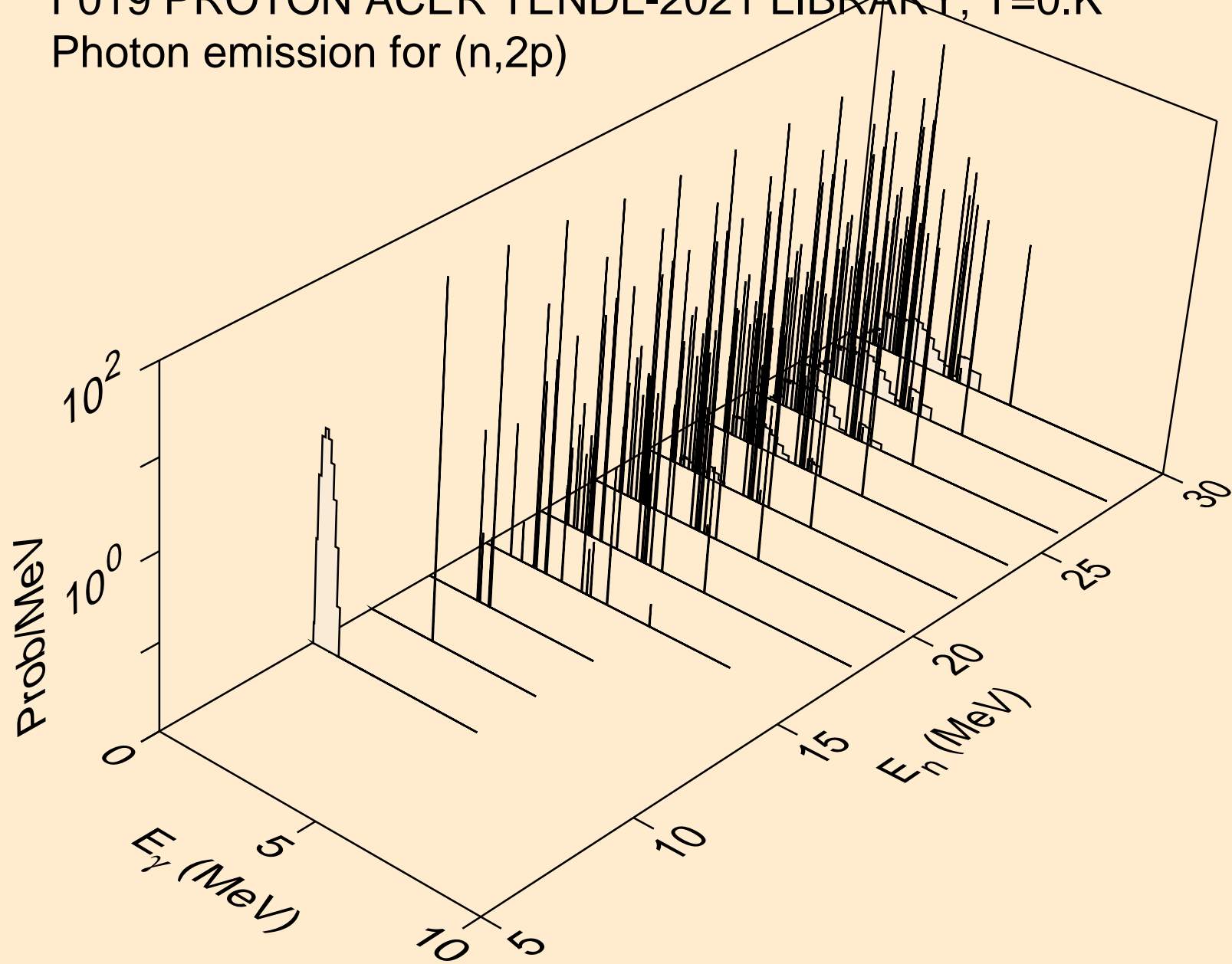
F019 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2a)



F019 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3a)

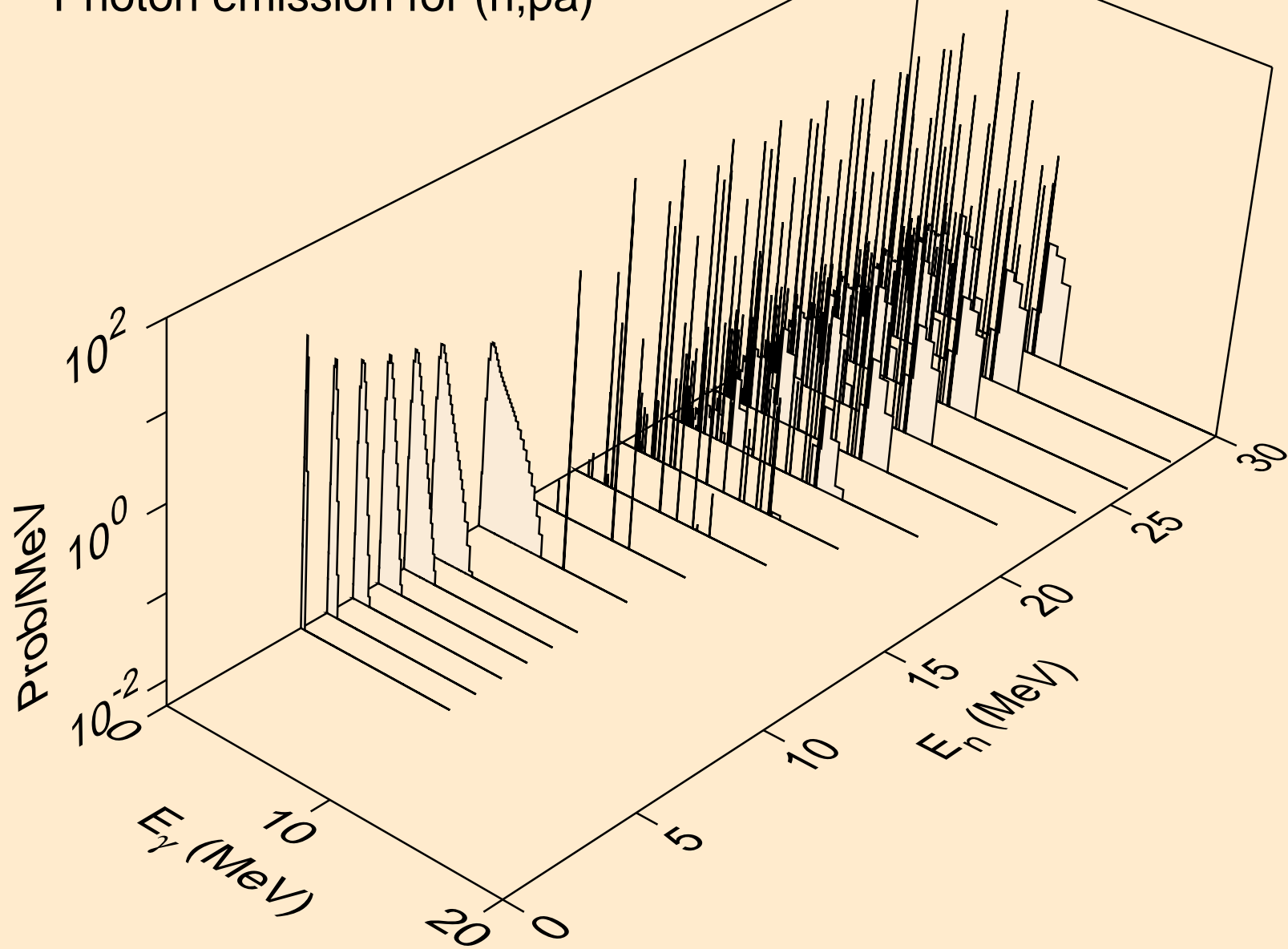


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Photon emission for (n,2p)

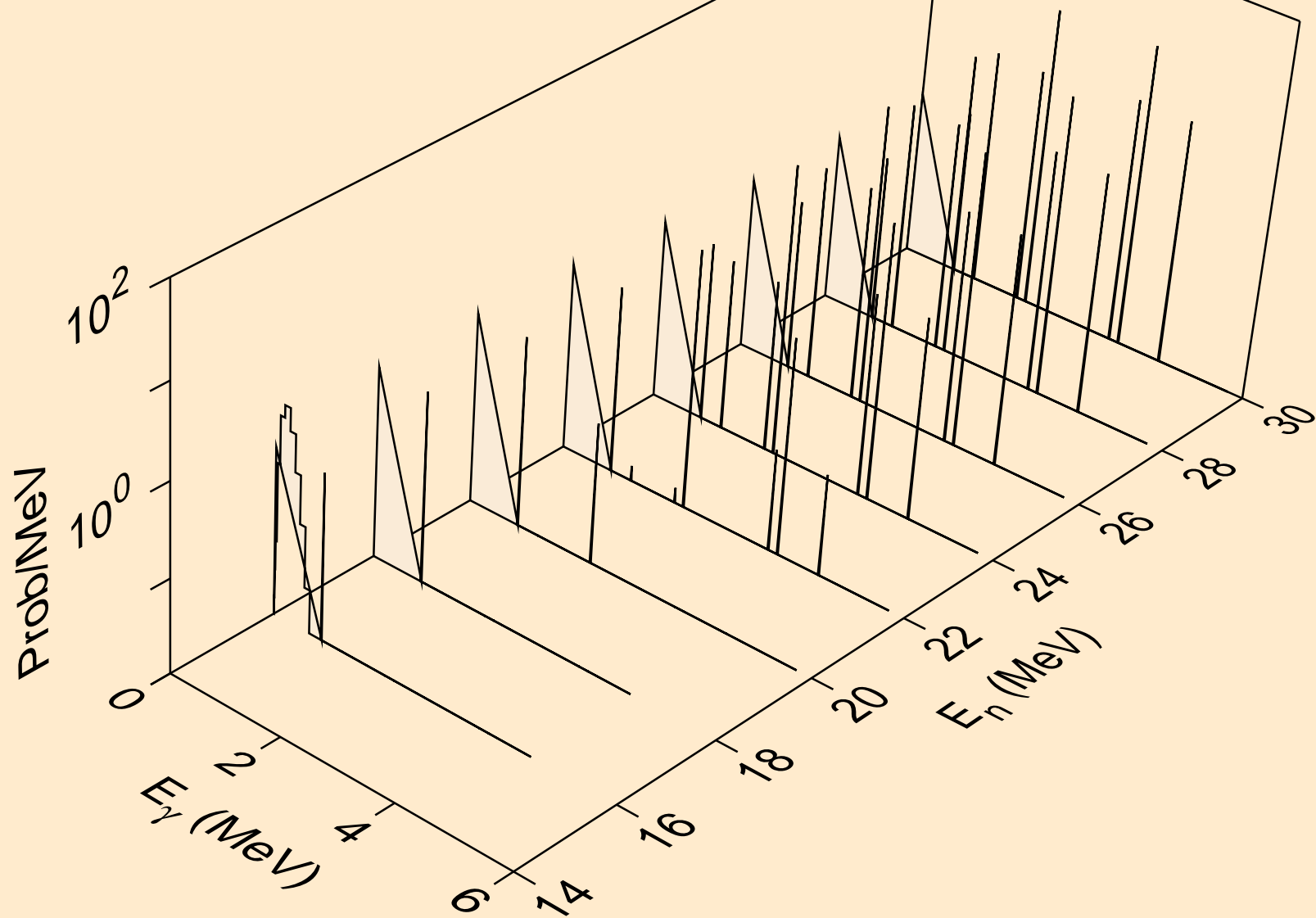




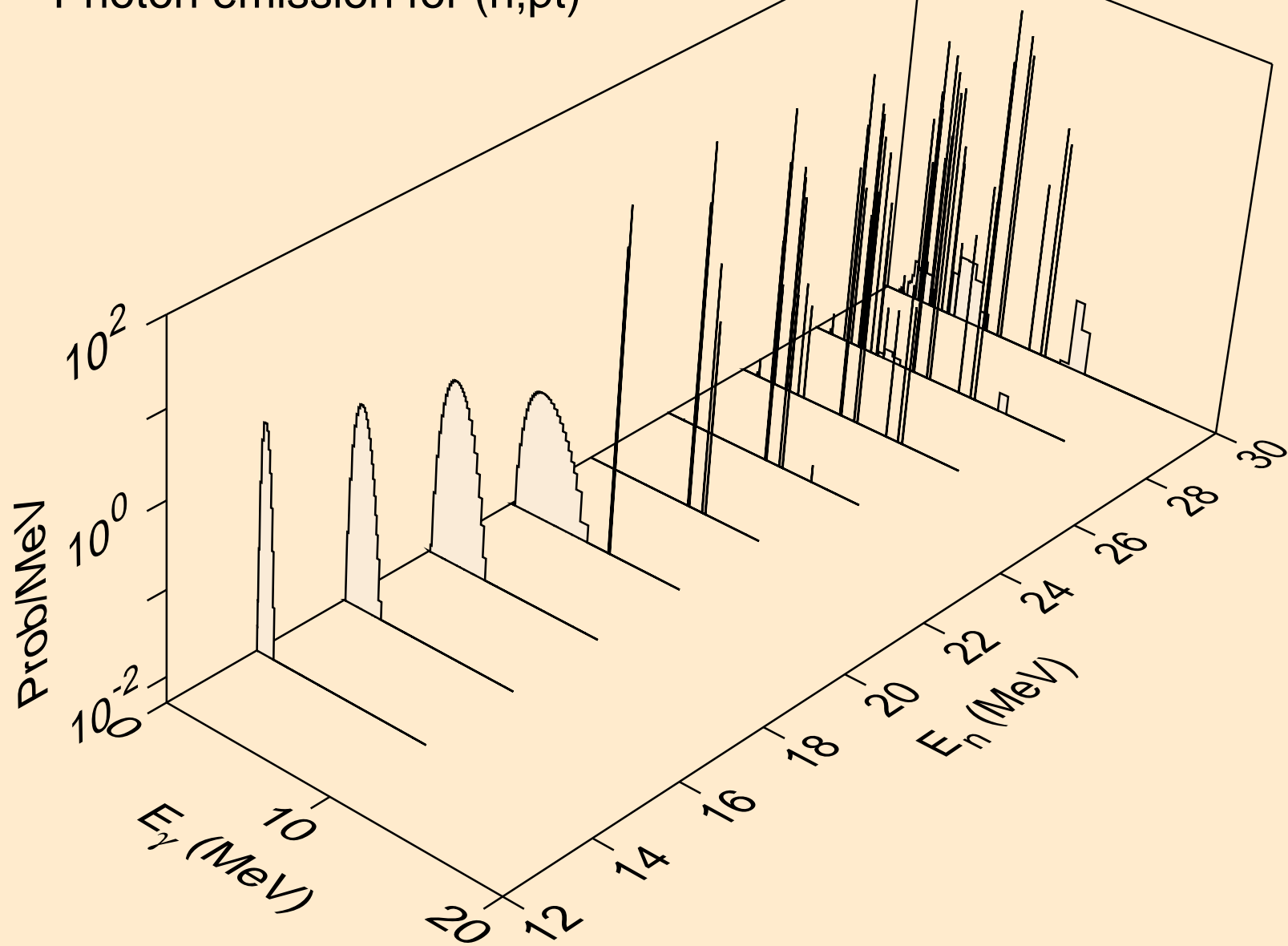
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Photon emission for (n,pa)



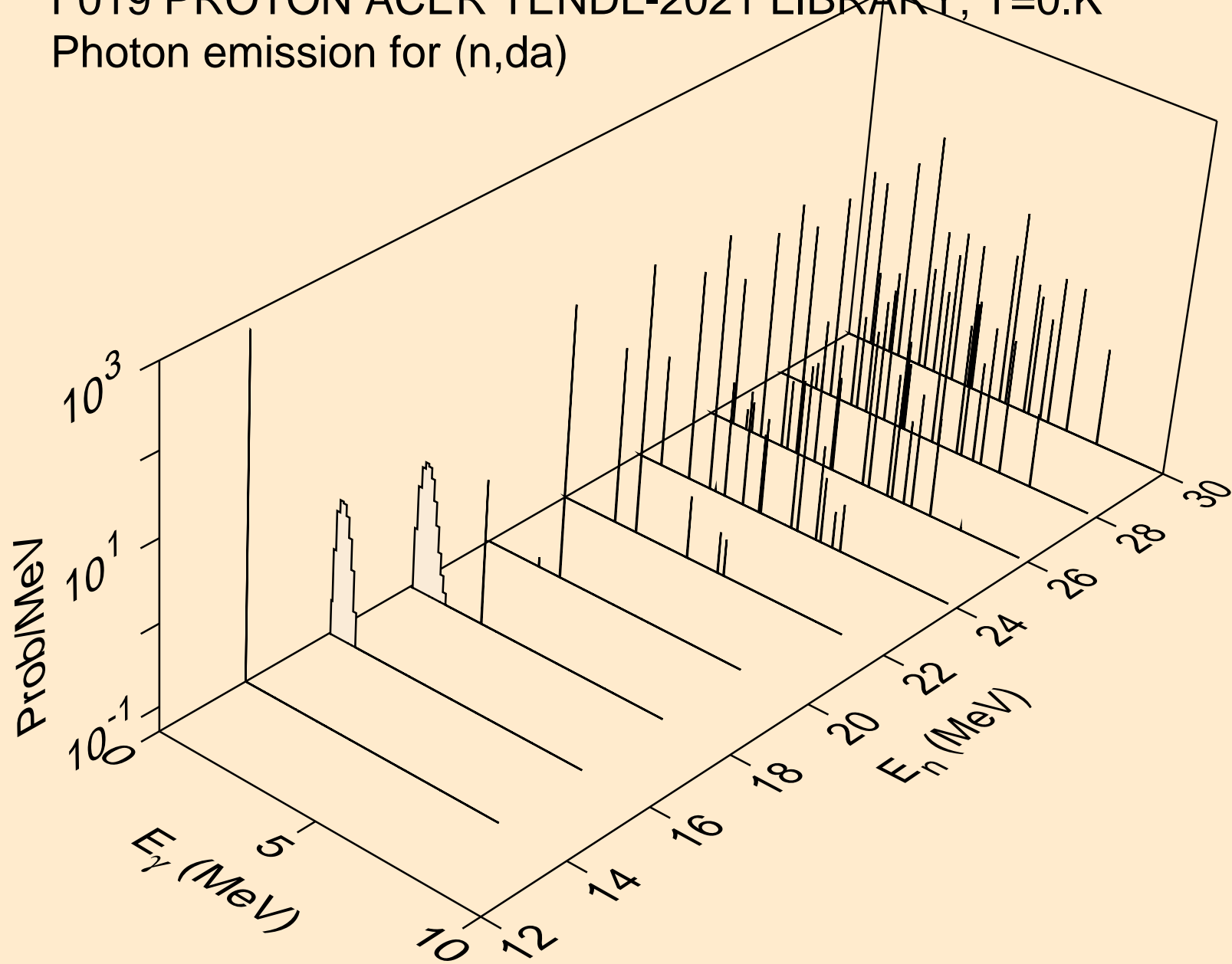
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Photon emission for (n,pd)



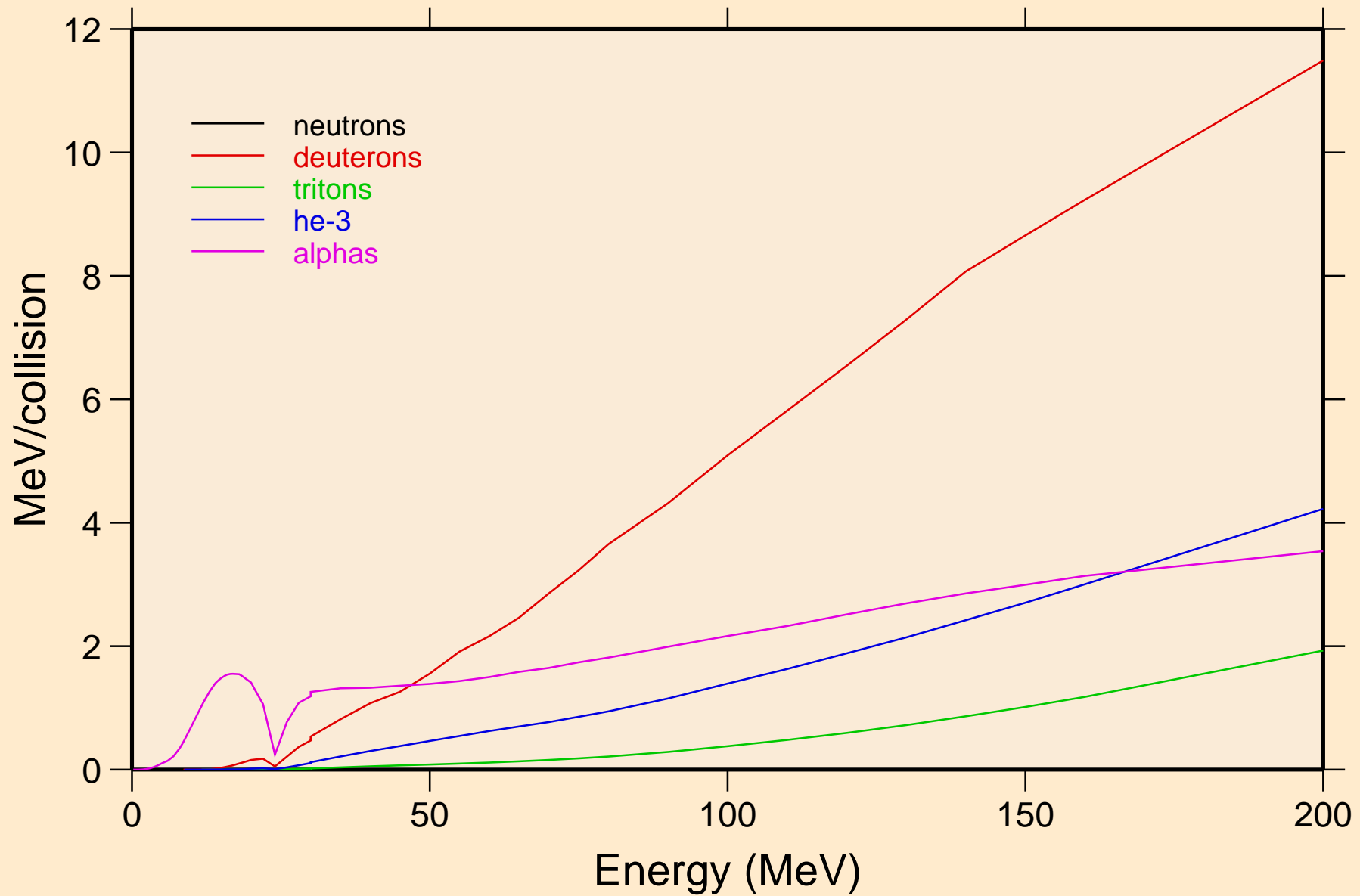
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Photon emission for (n,pt)



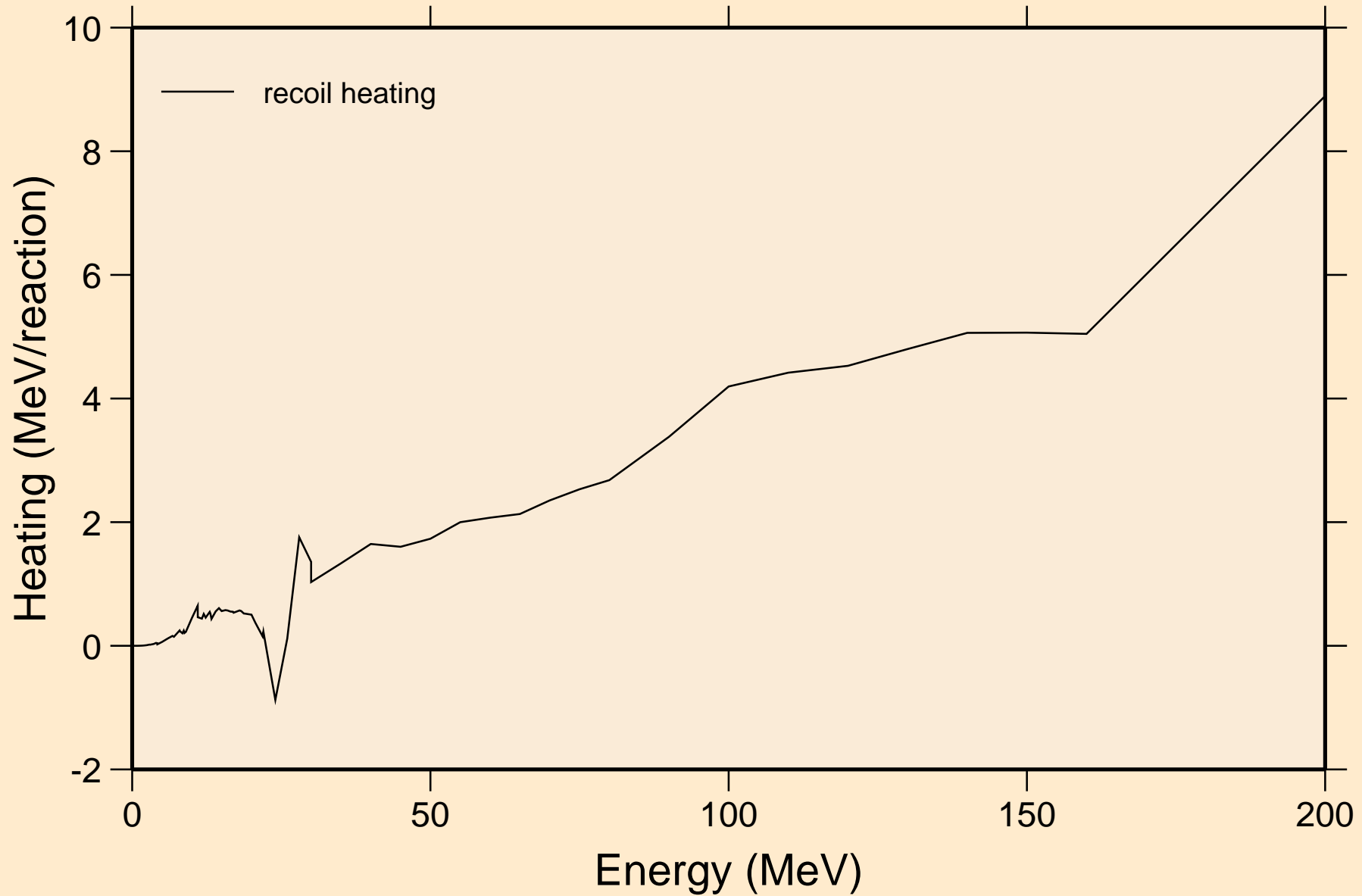
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Photon emission for (n,da)



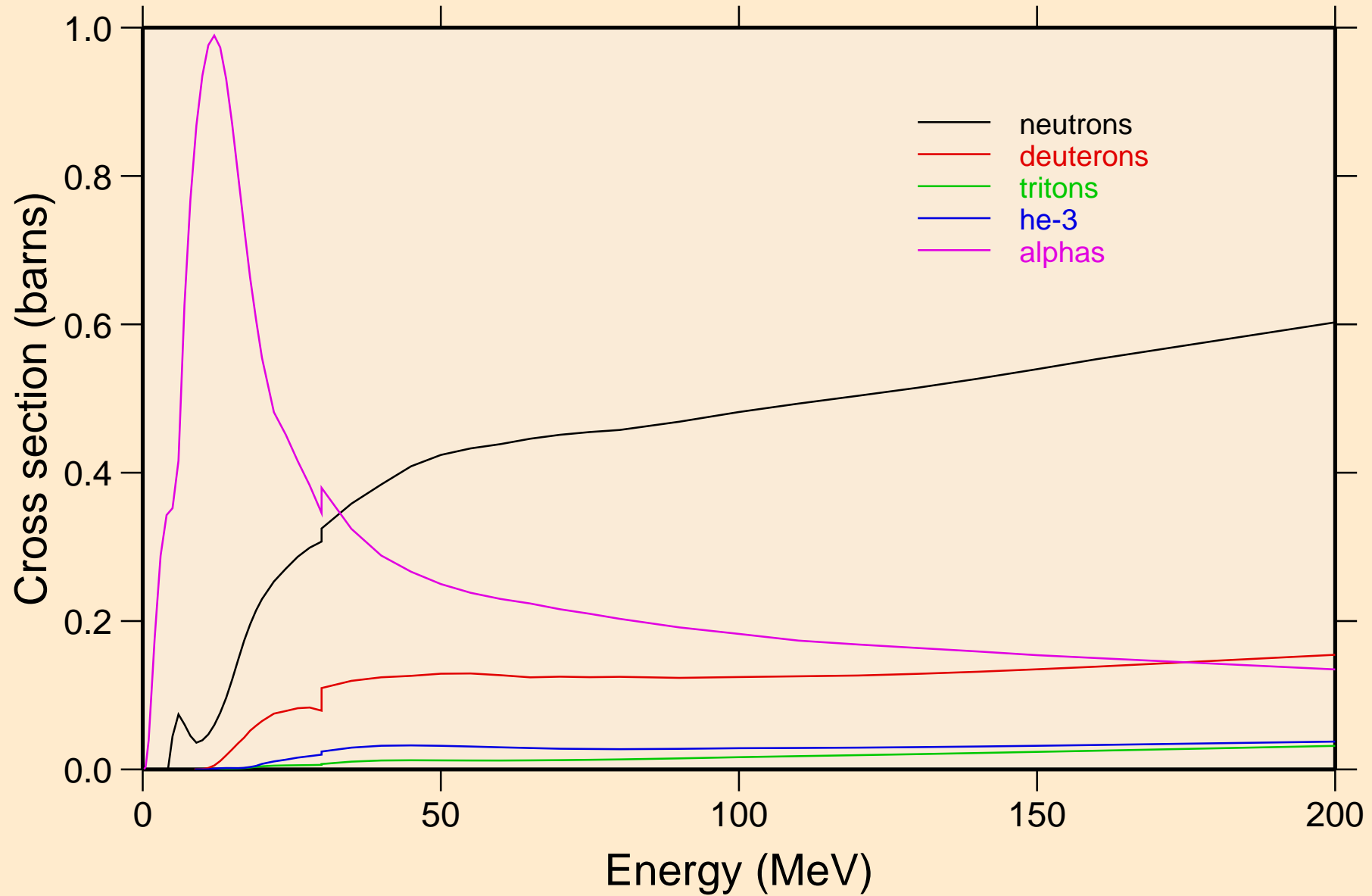
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Particle heating contributions



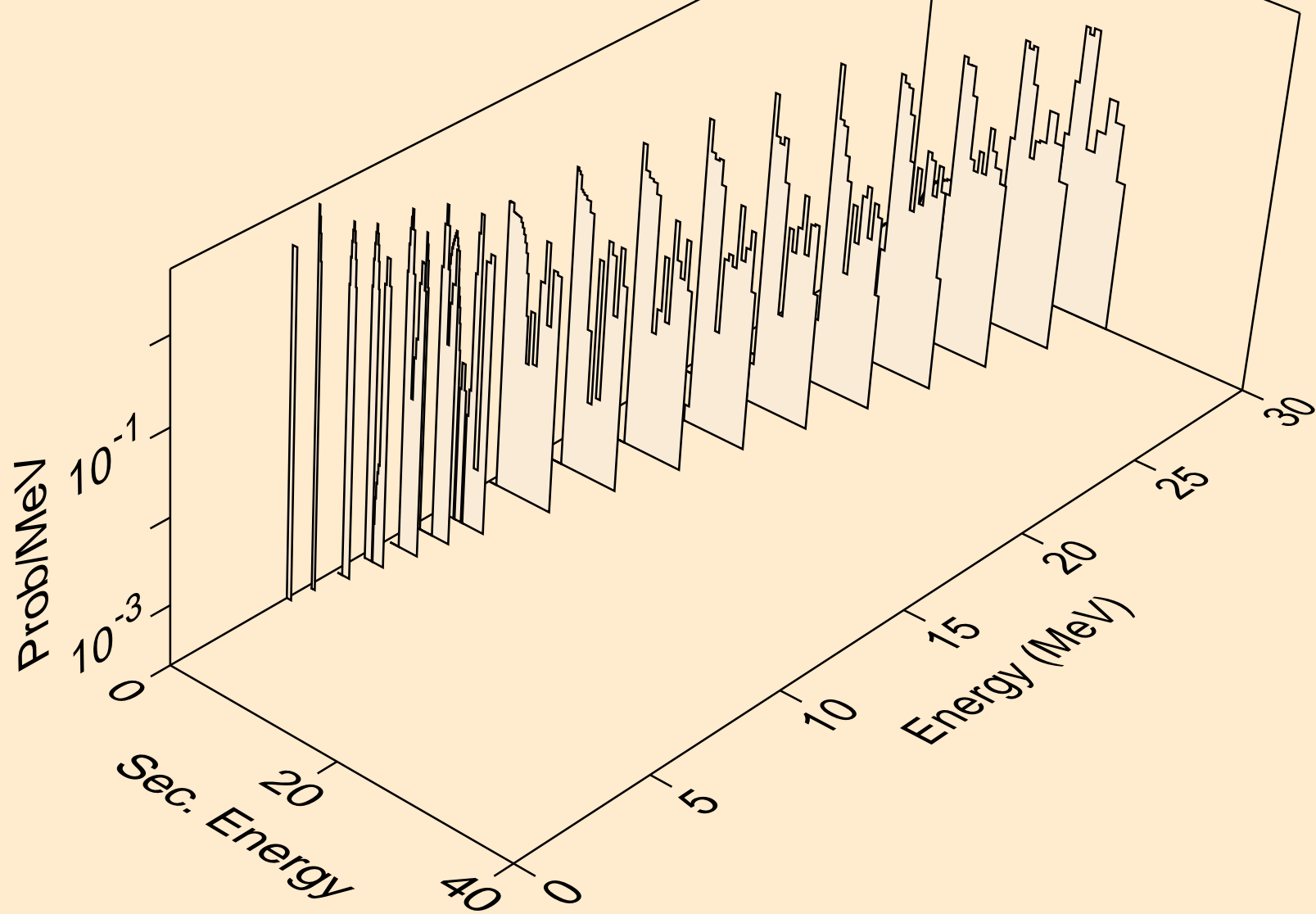
F019 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating



F019 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections

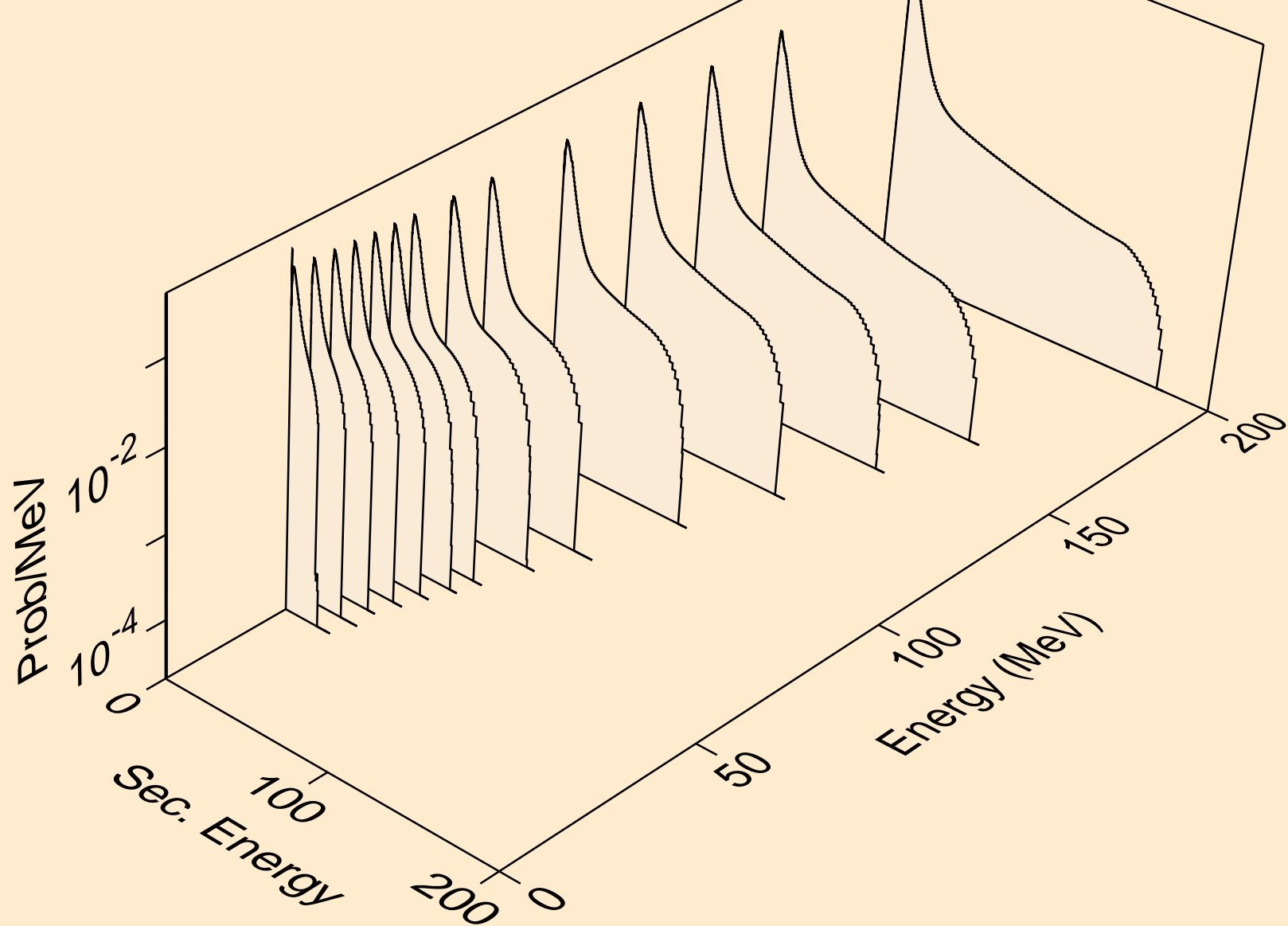


F019 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n)

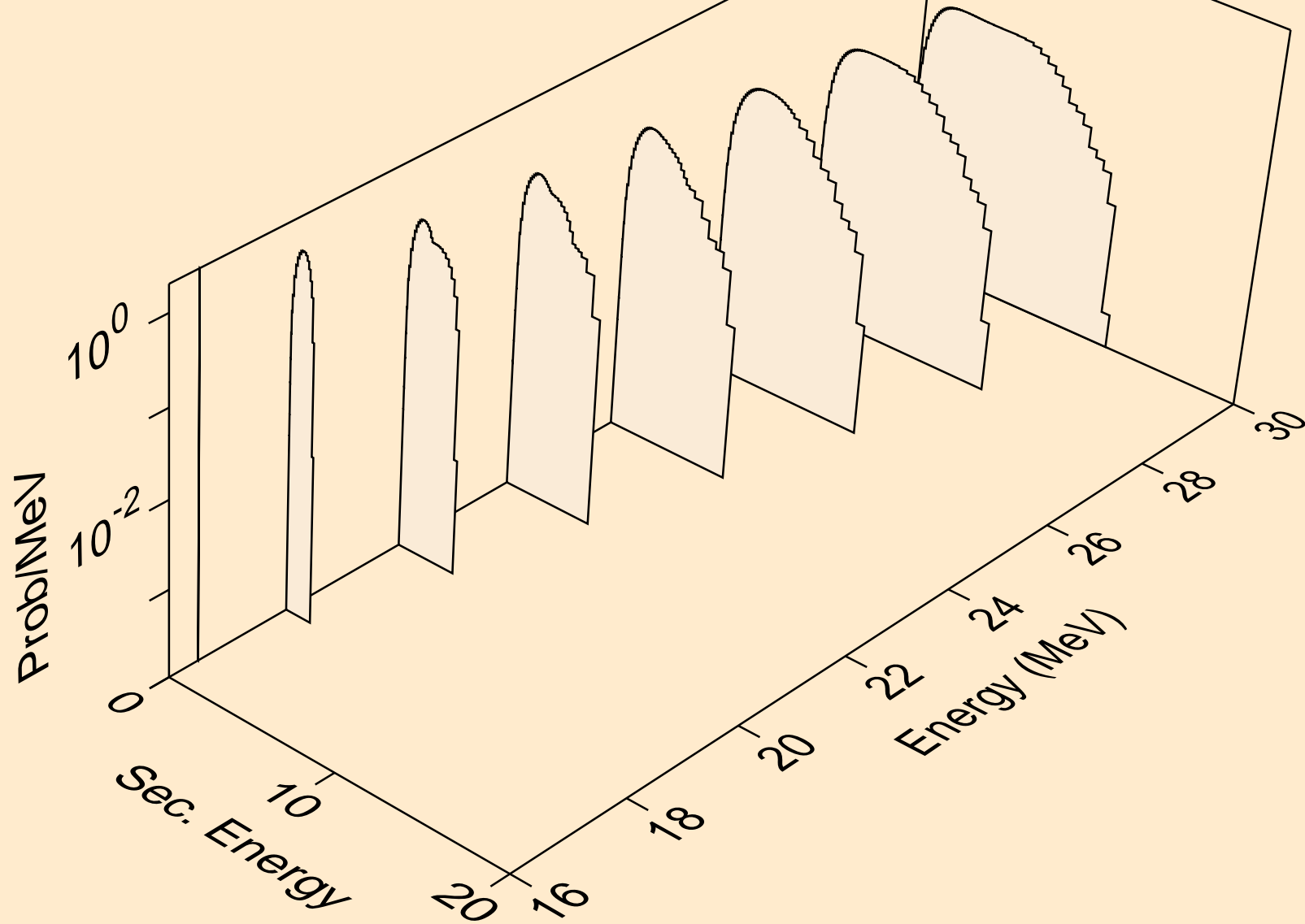




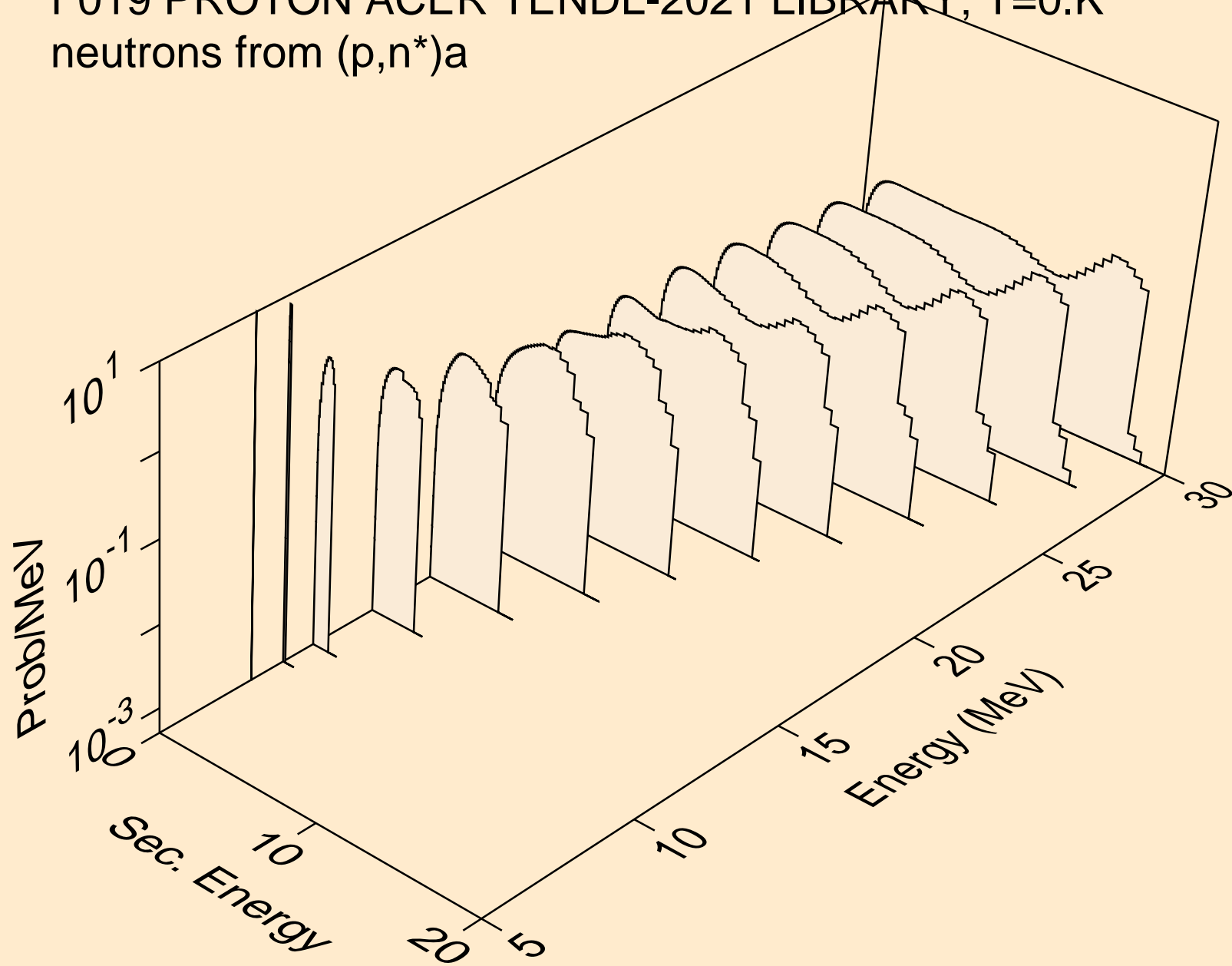
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neutrons from (p,x)



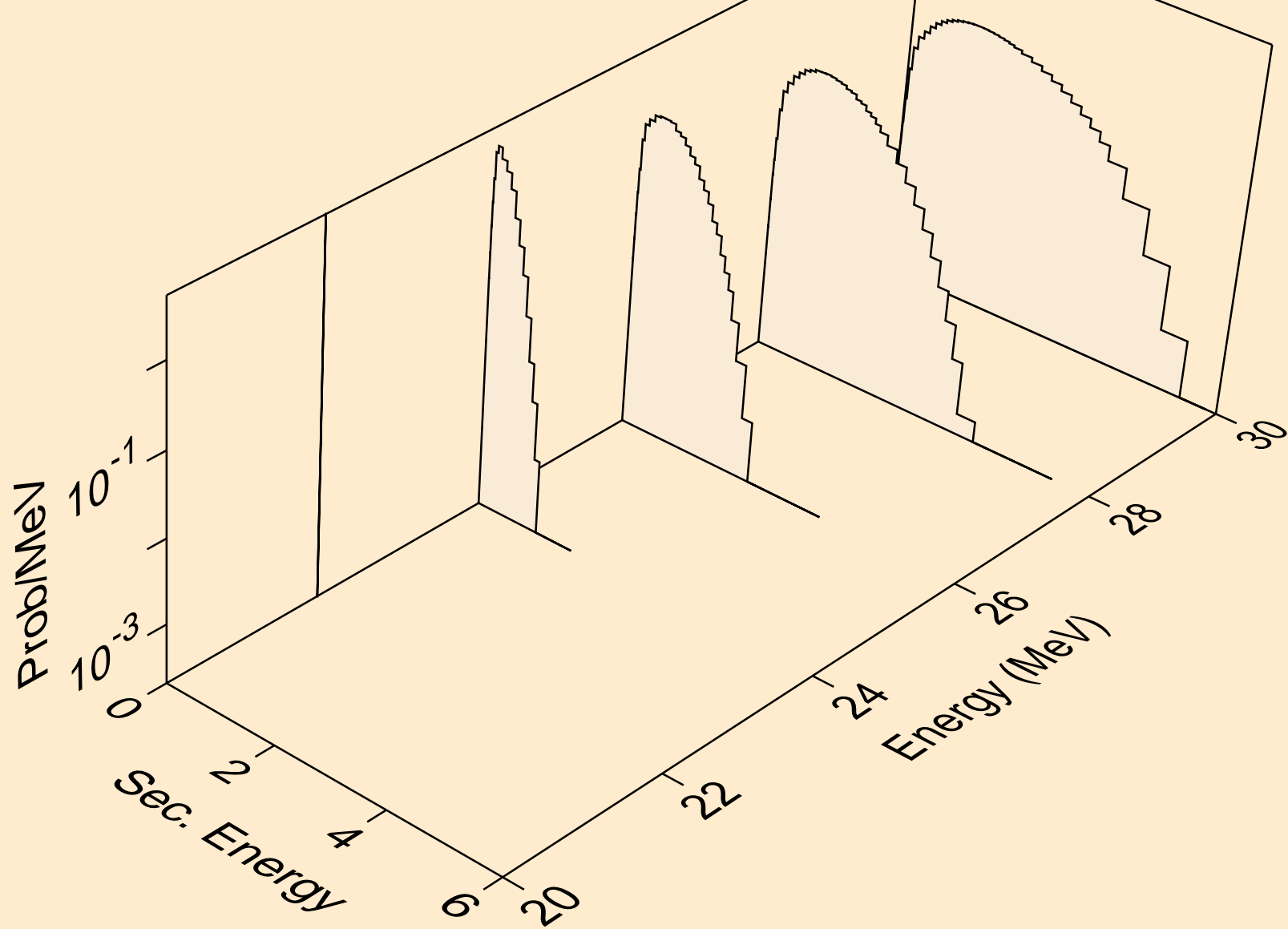
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neutrons from (p,2n)



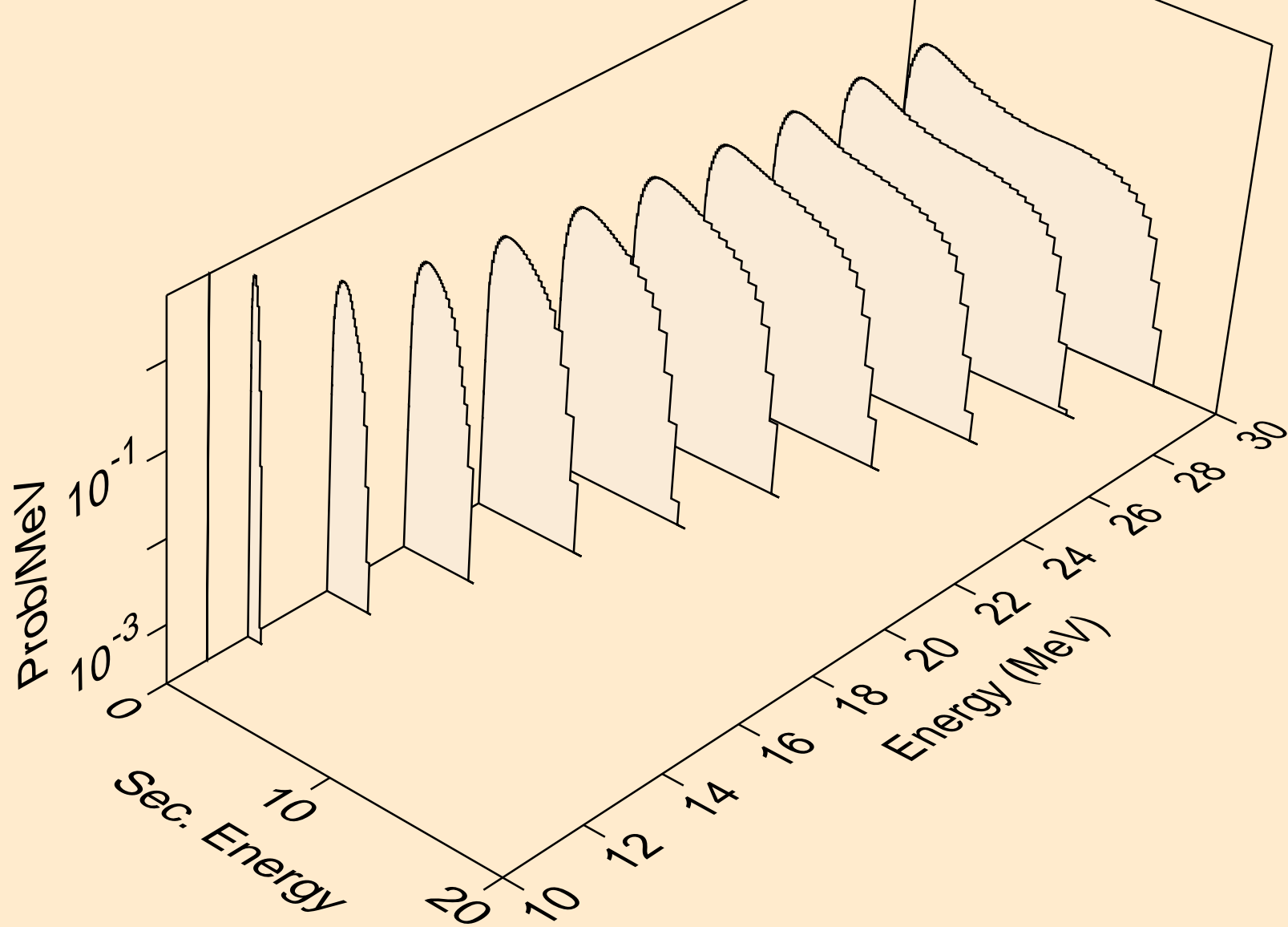
F019 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)a



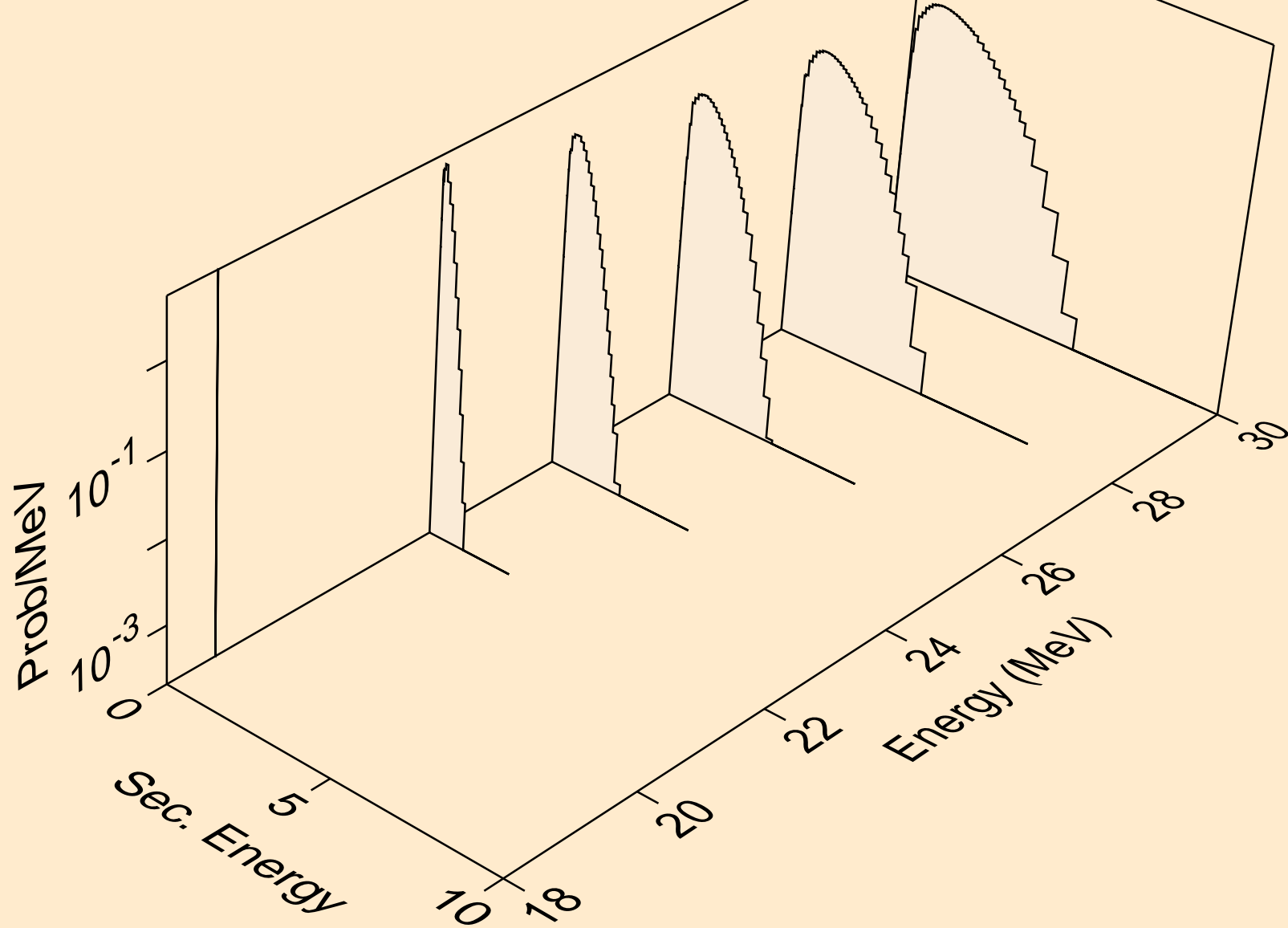
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neutrons from (p,2n)a



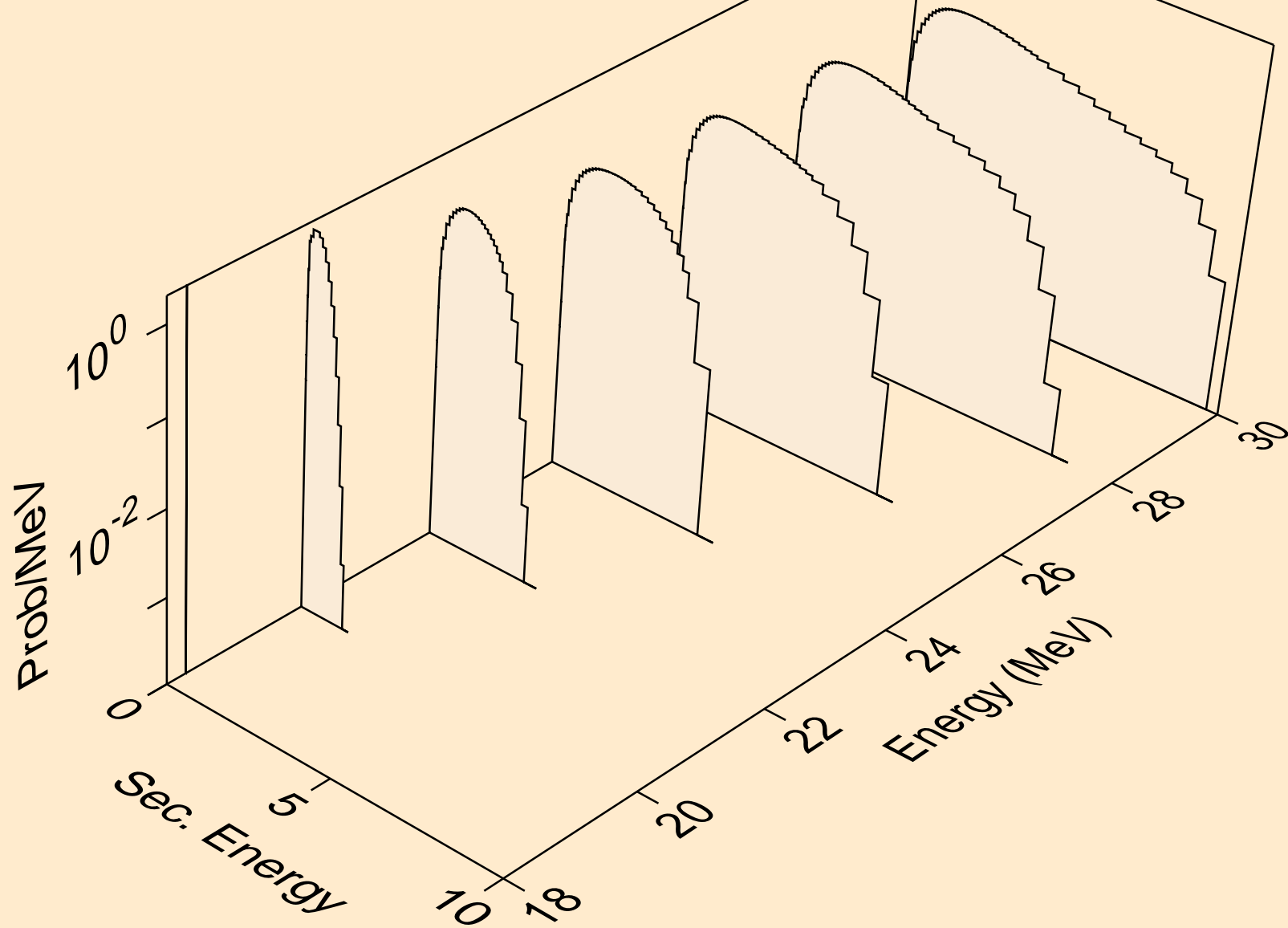
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neutrons from (p,n\*)p



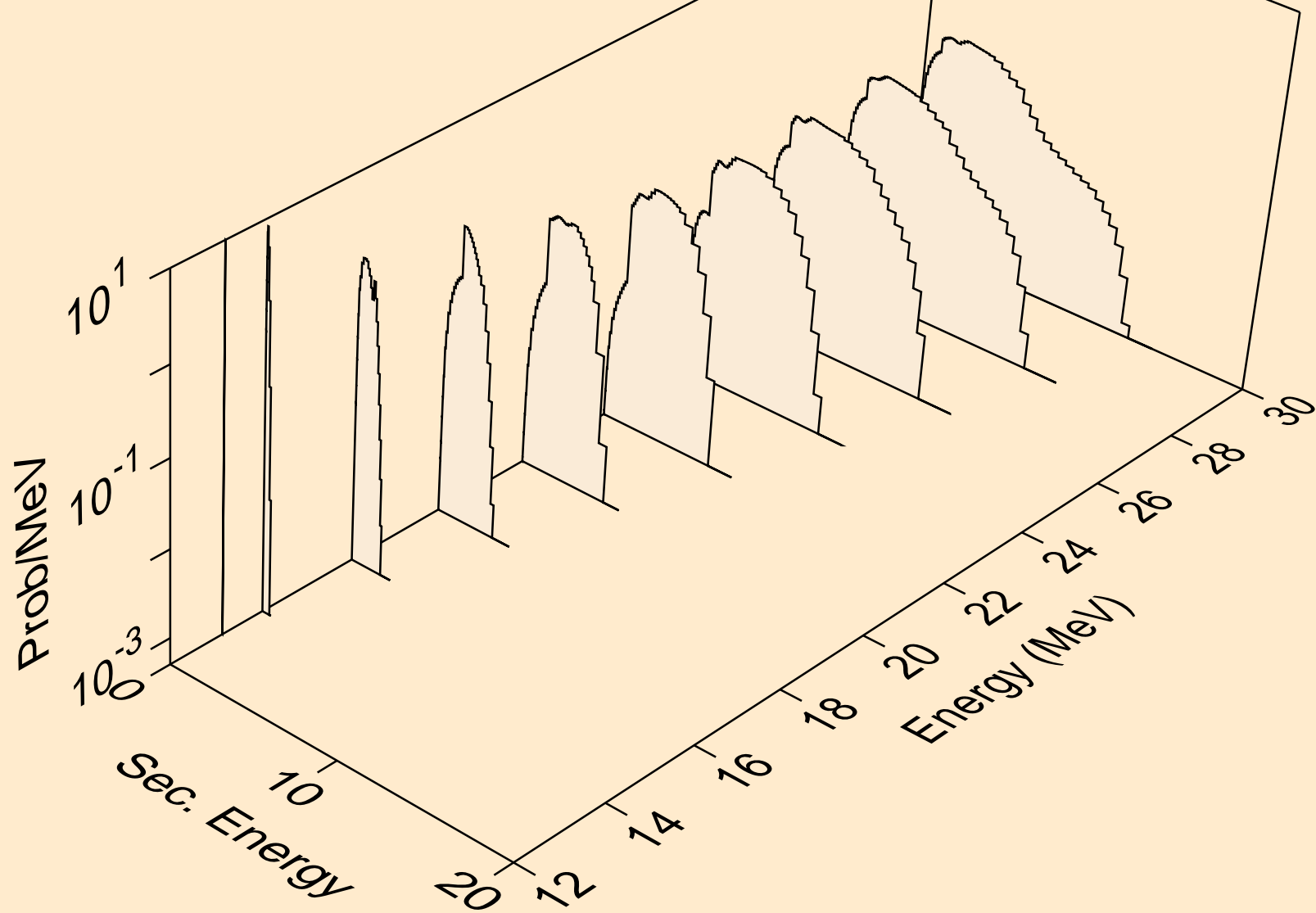
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neutrons from (p,n\*)2a



F019 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)d

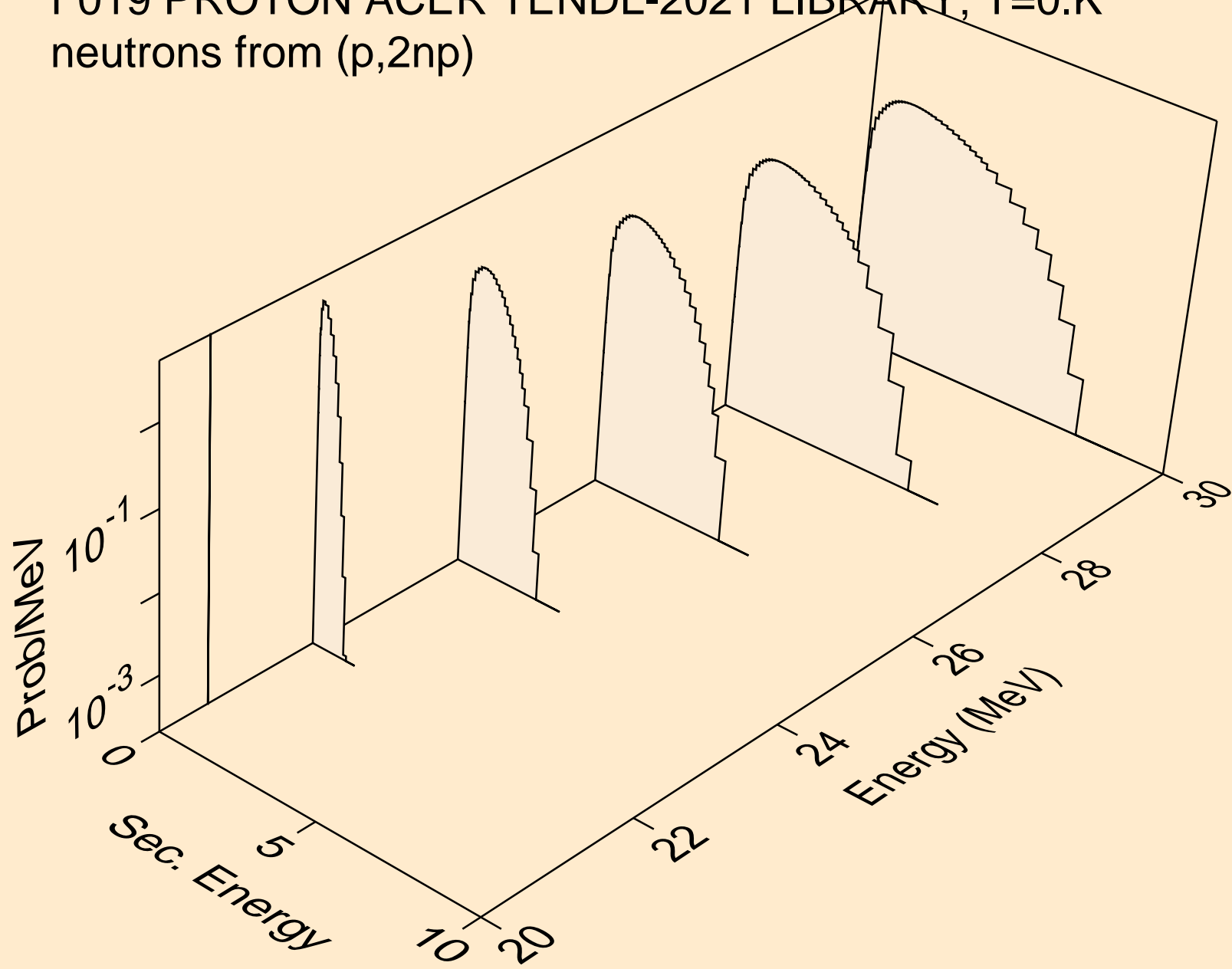


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neutrons from (p,n\*)he3

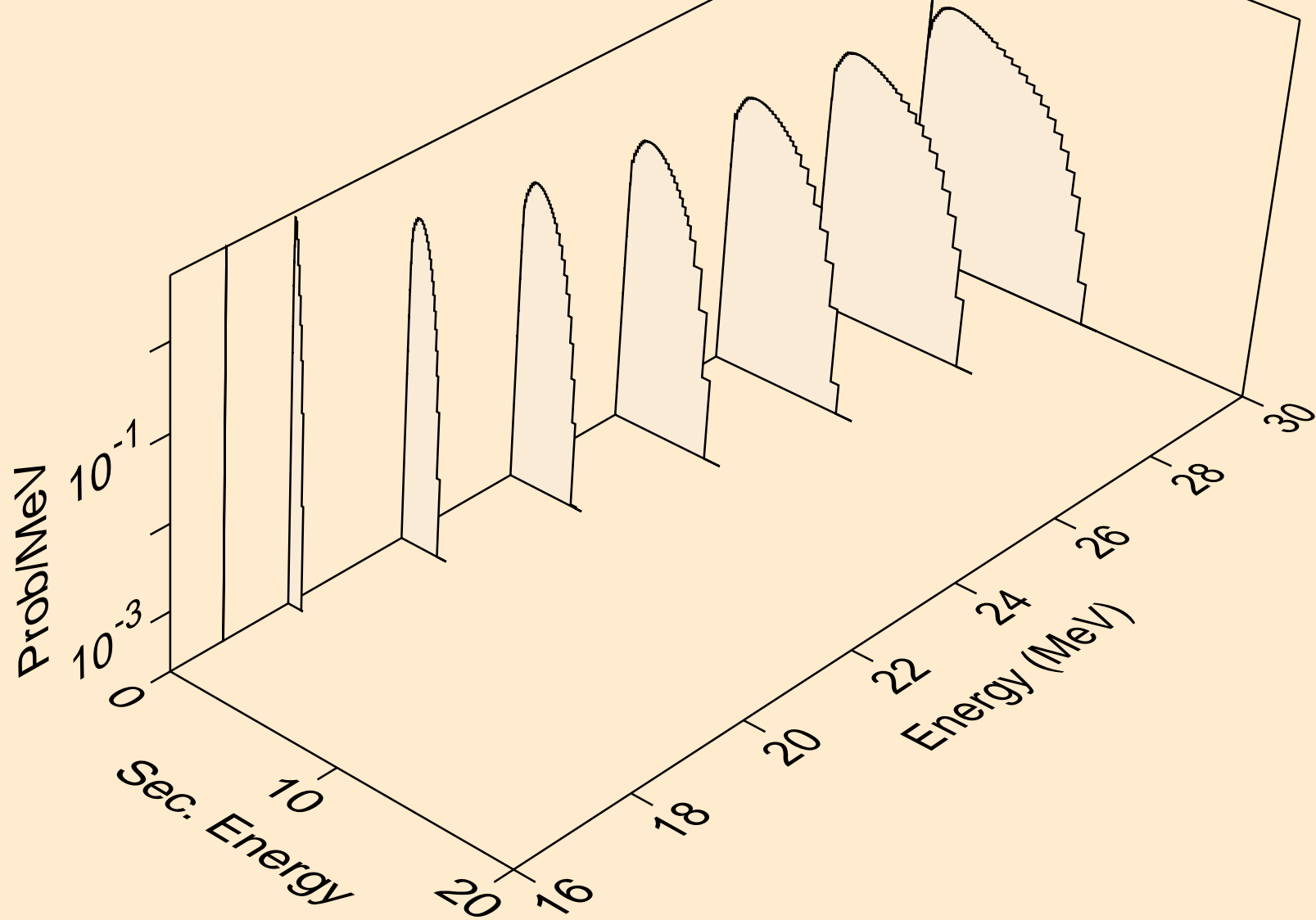




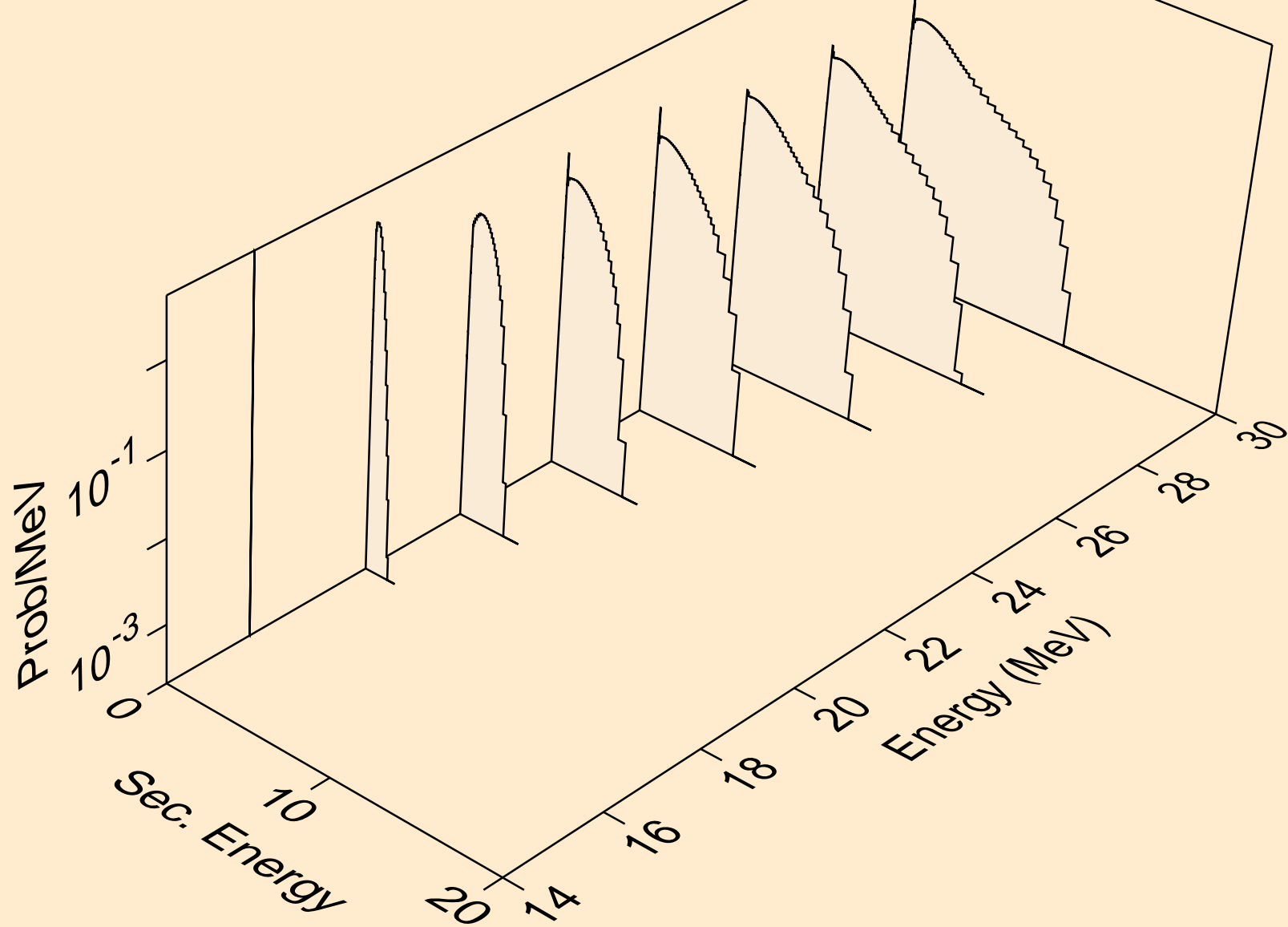
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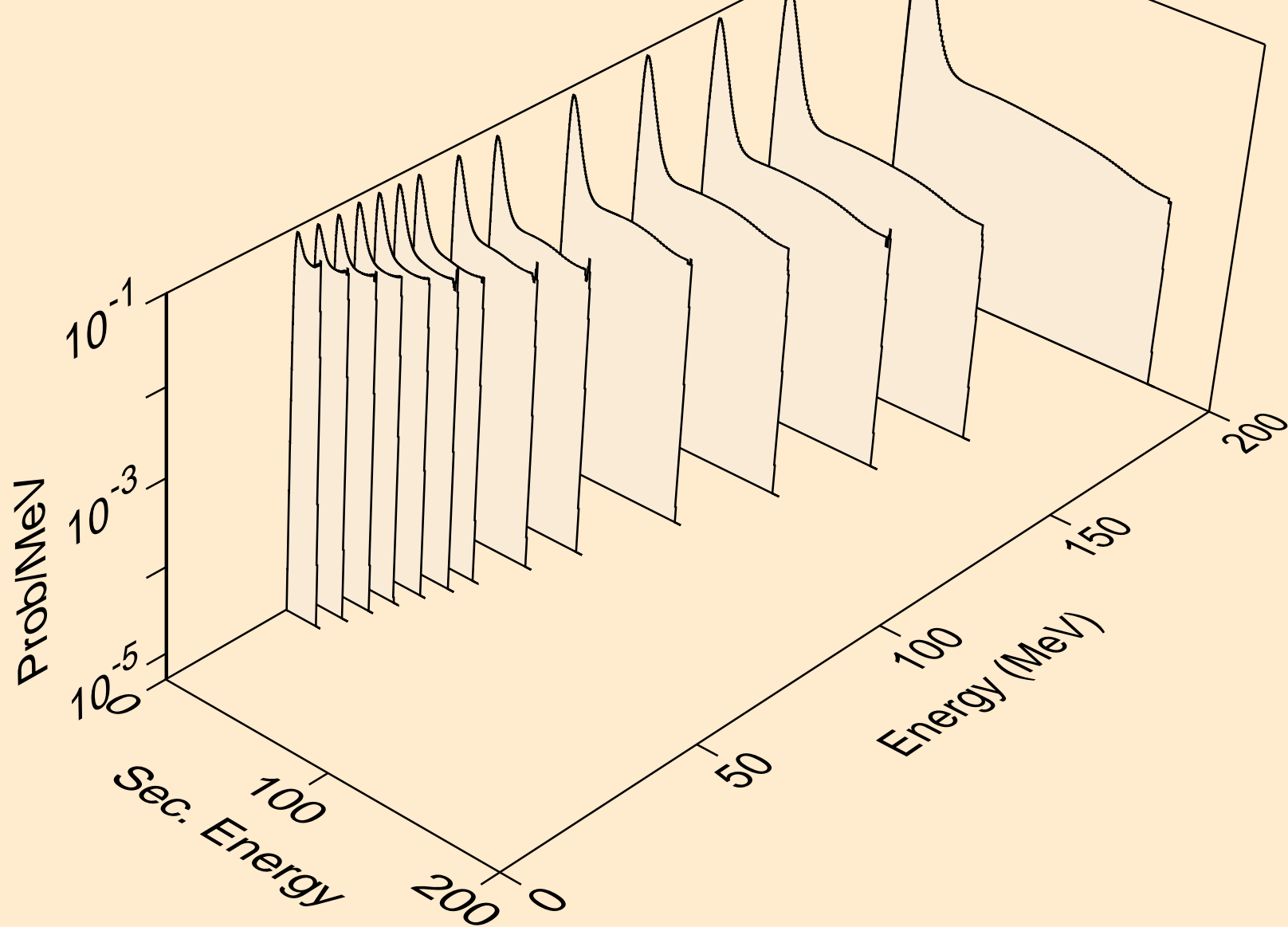
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neutrons from (p,2np)



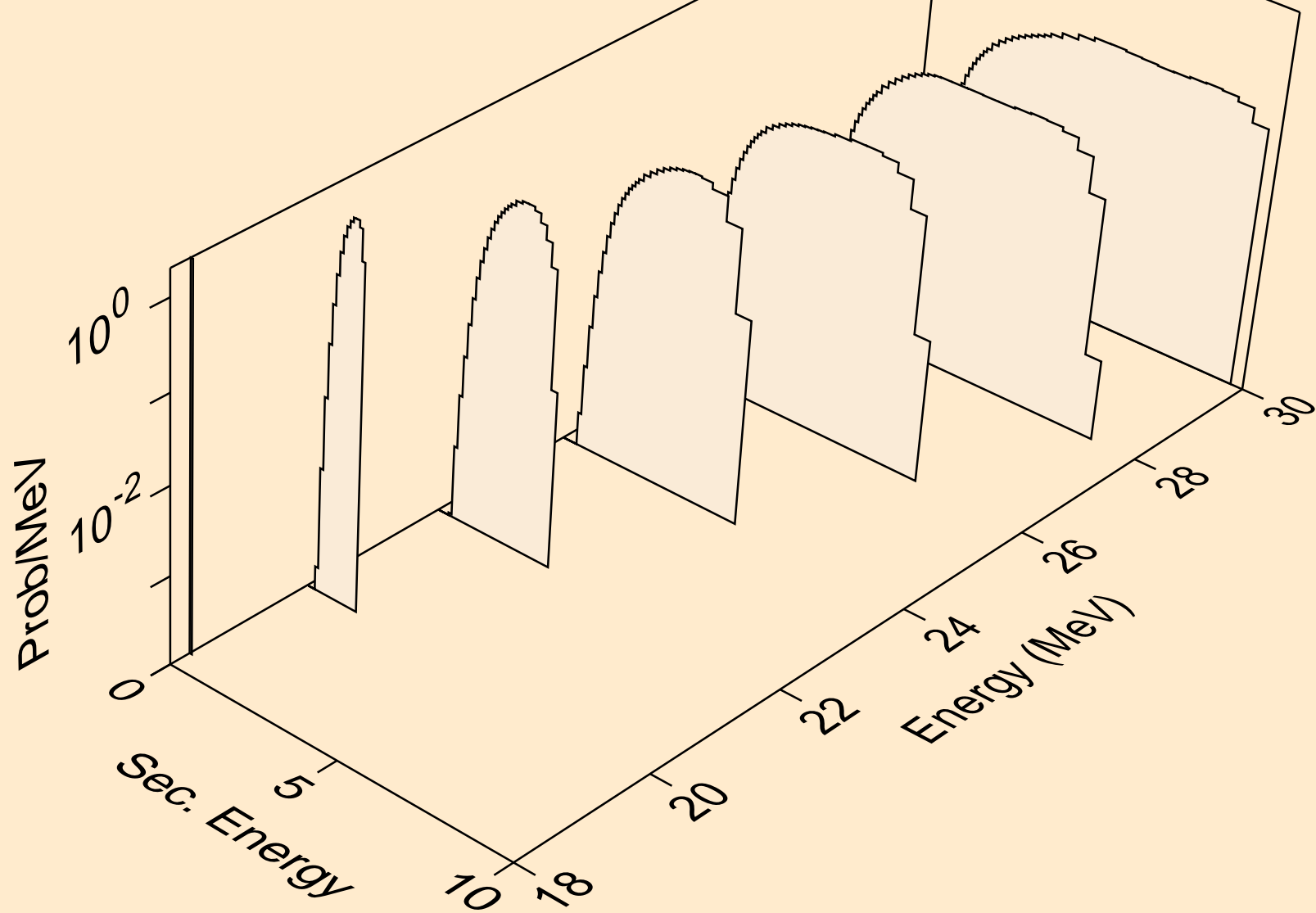
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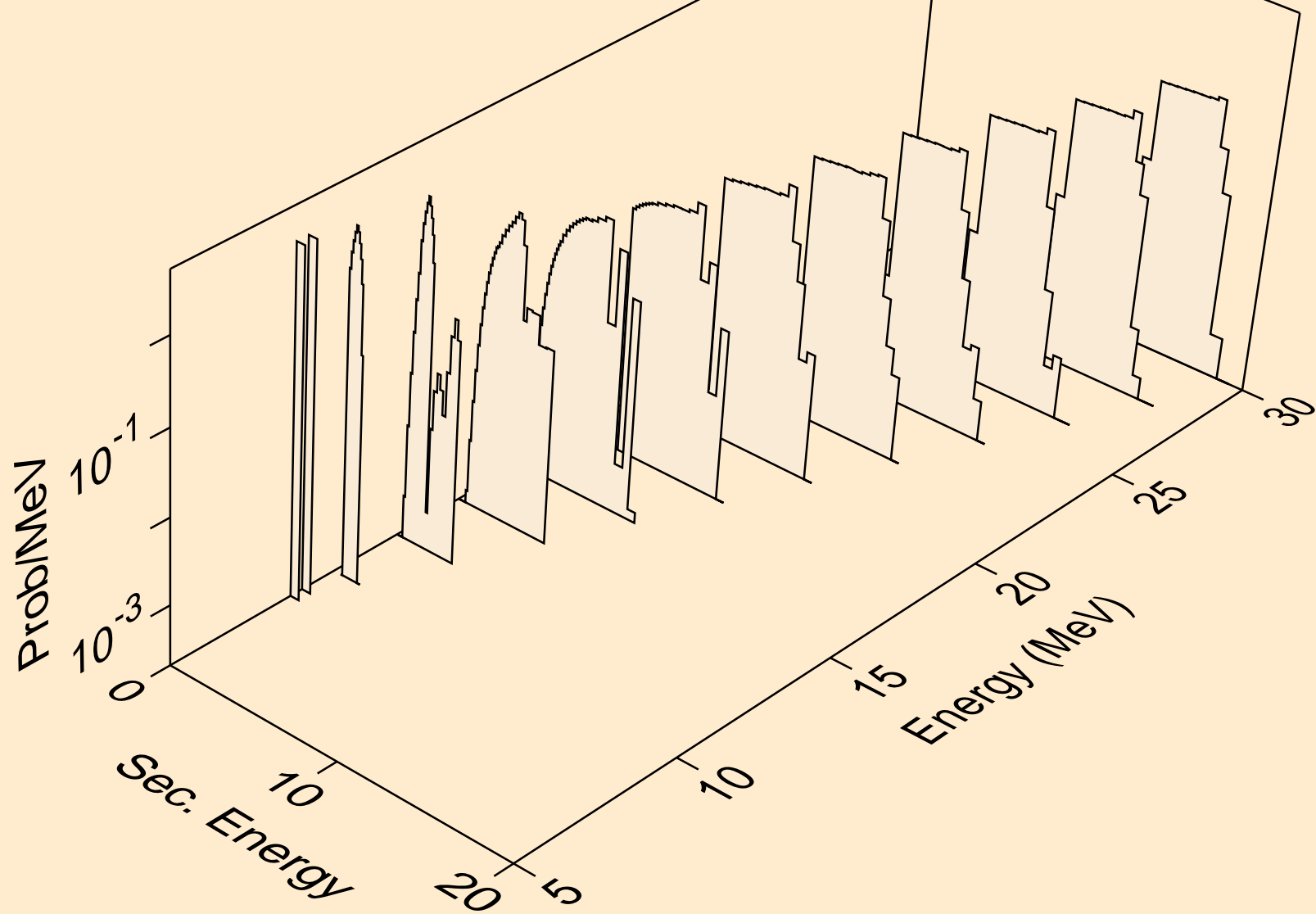
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deuterons from (p,x)



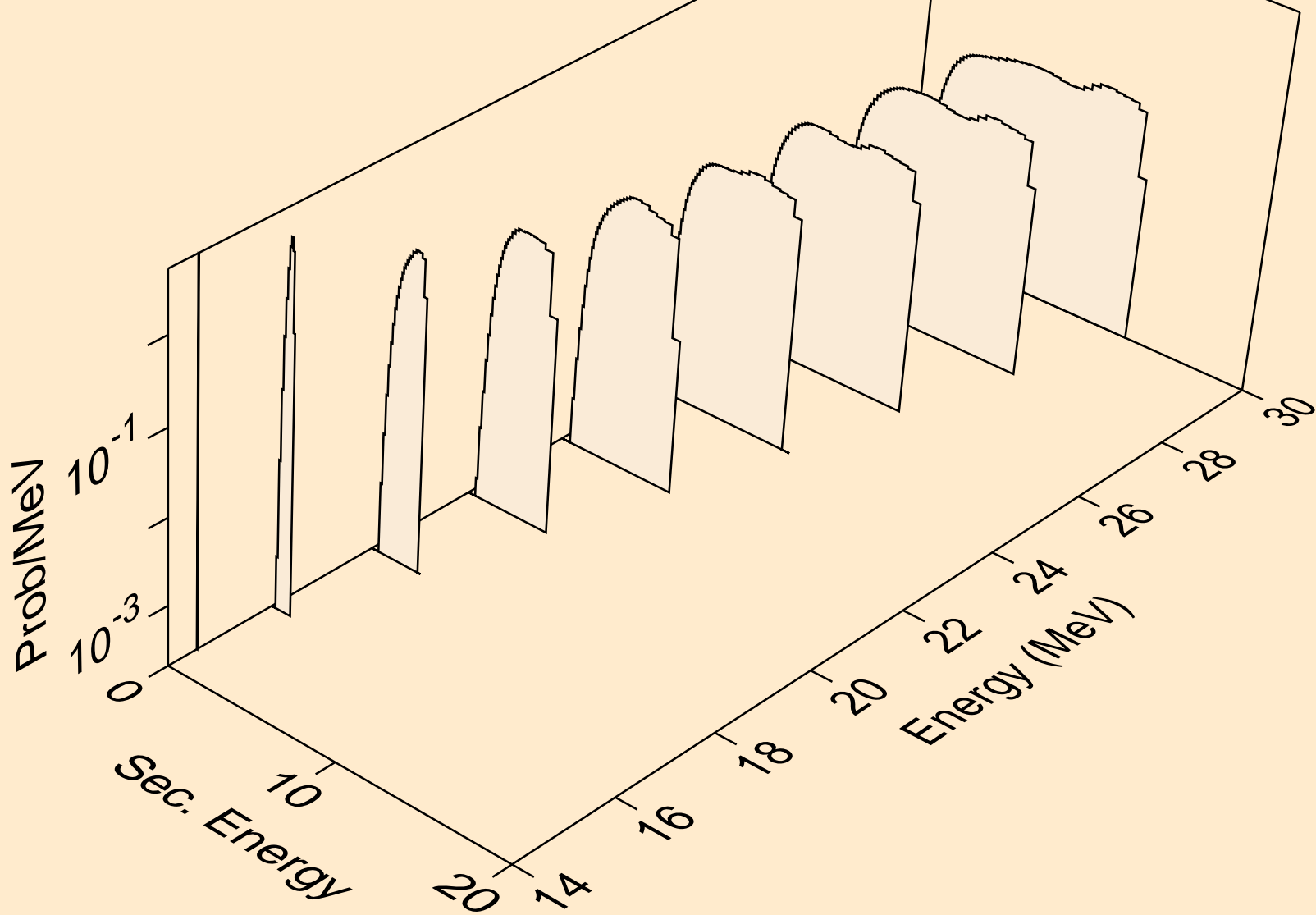
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deuterons from (p,n\*)d



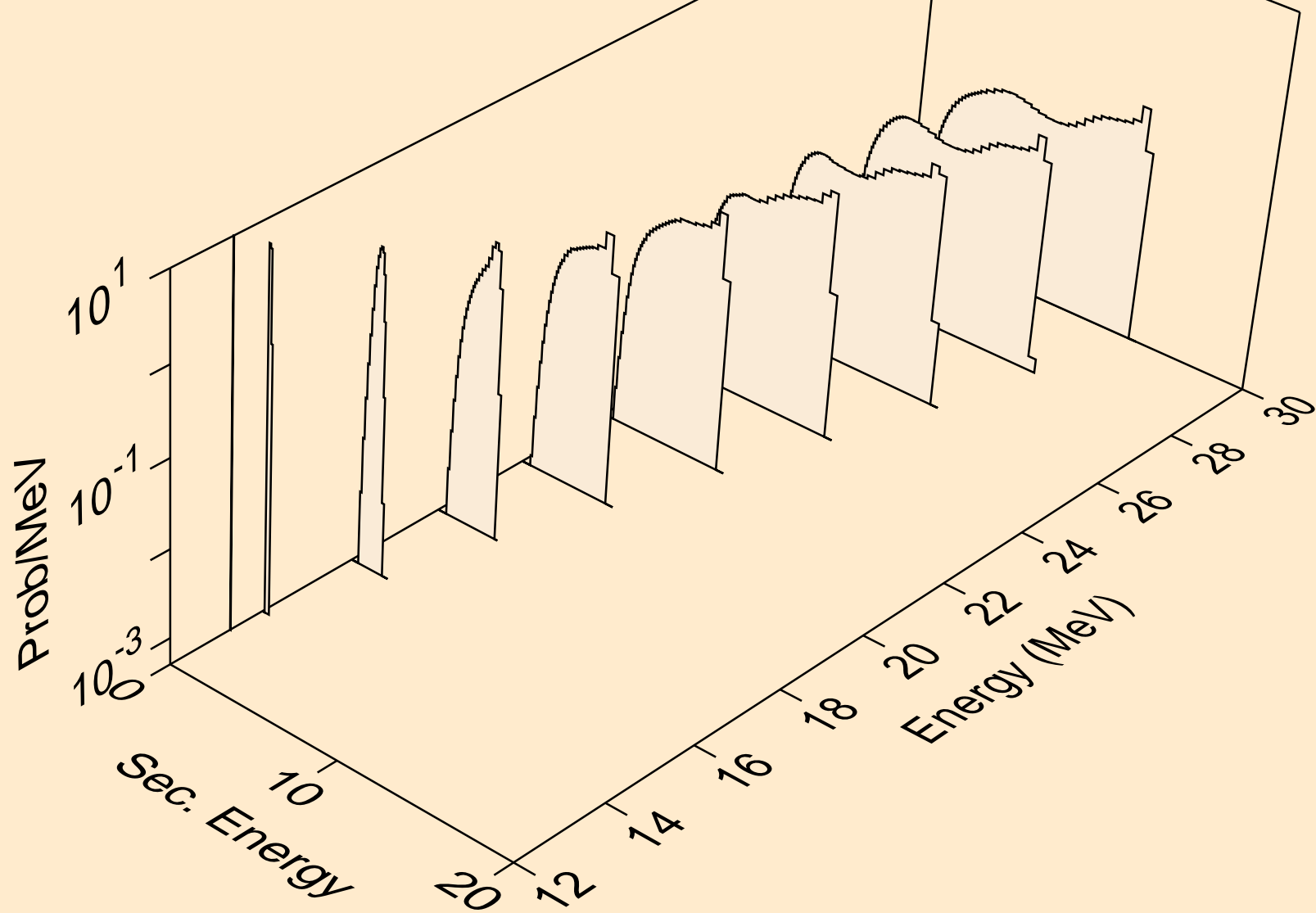
F019 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,d)



F019 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,pd)

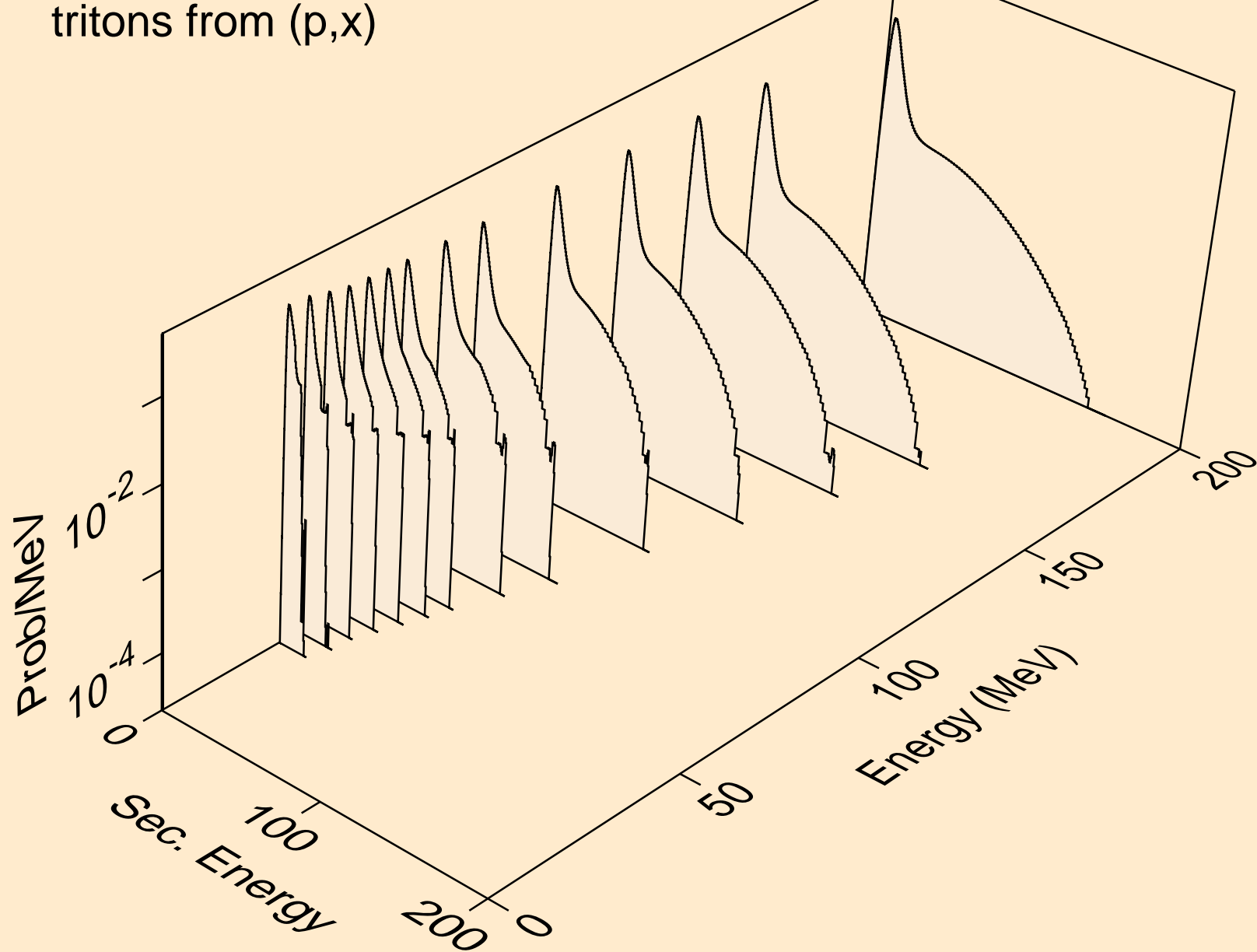


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deuterons from (p,da)

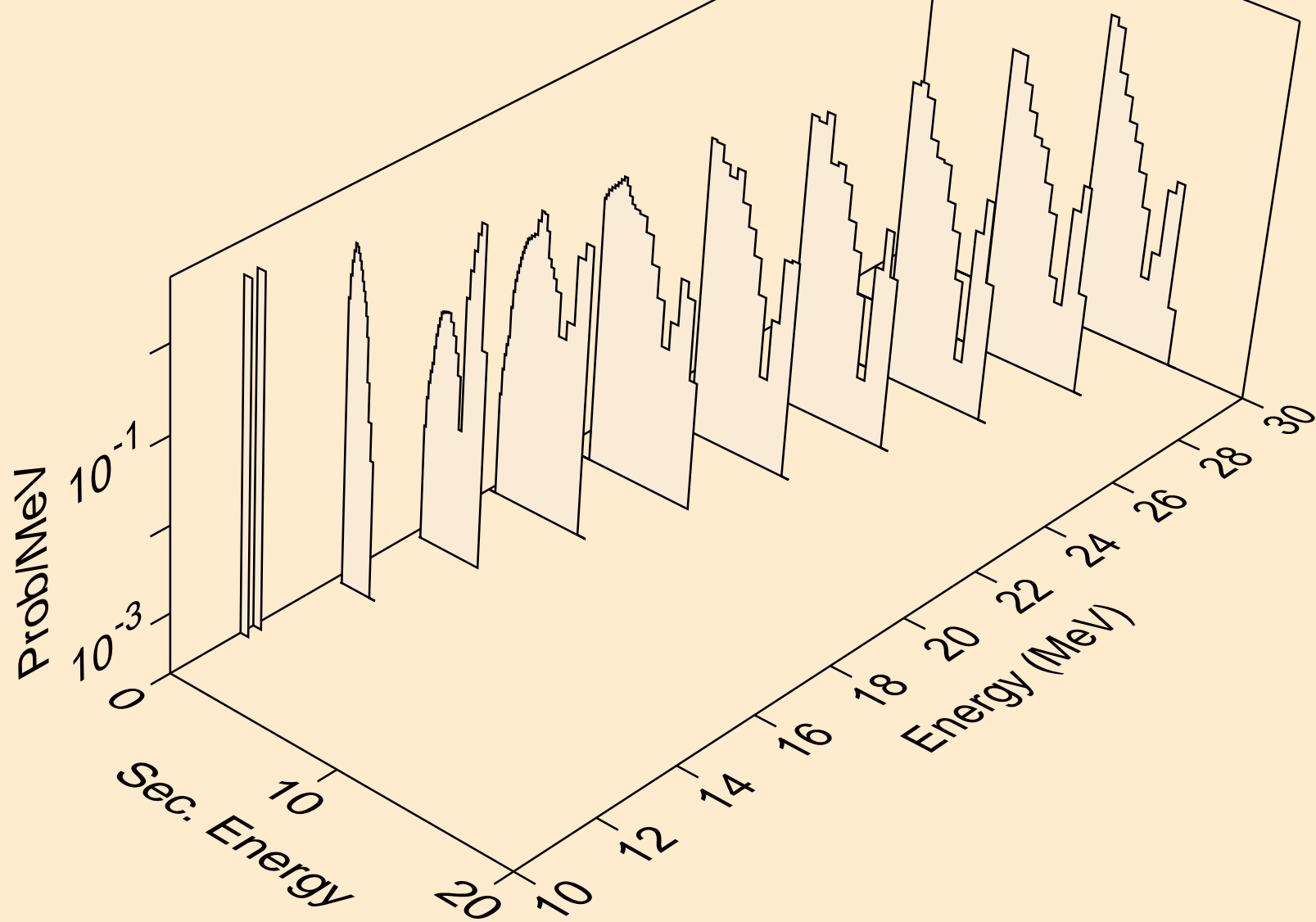




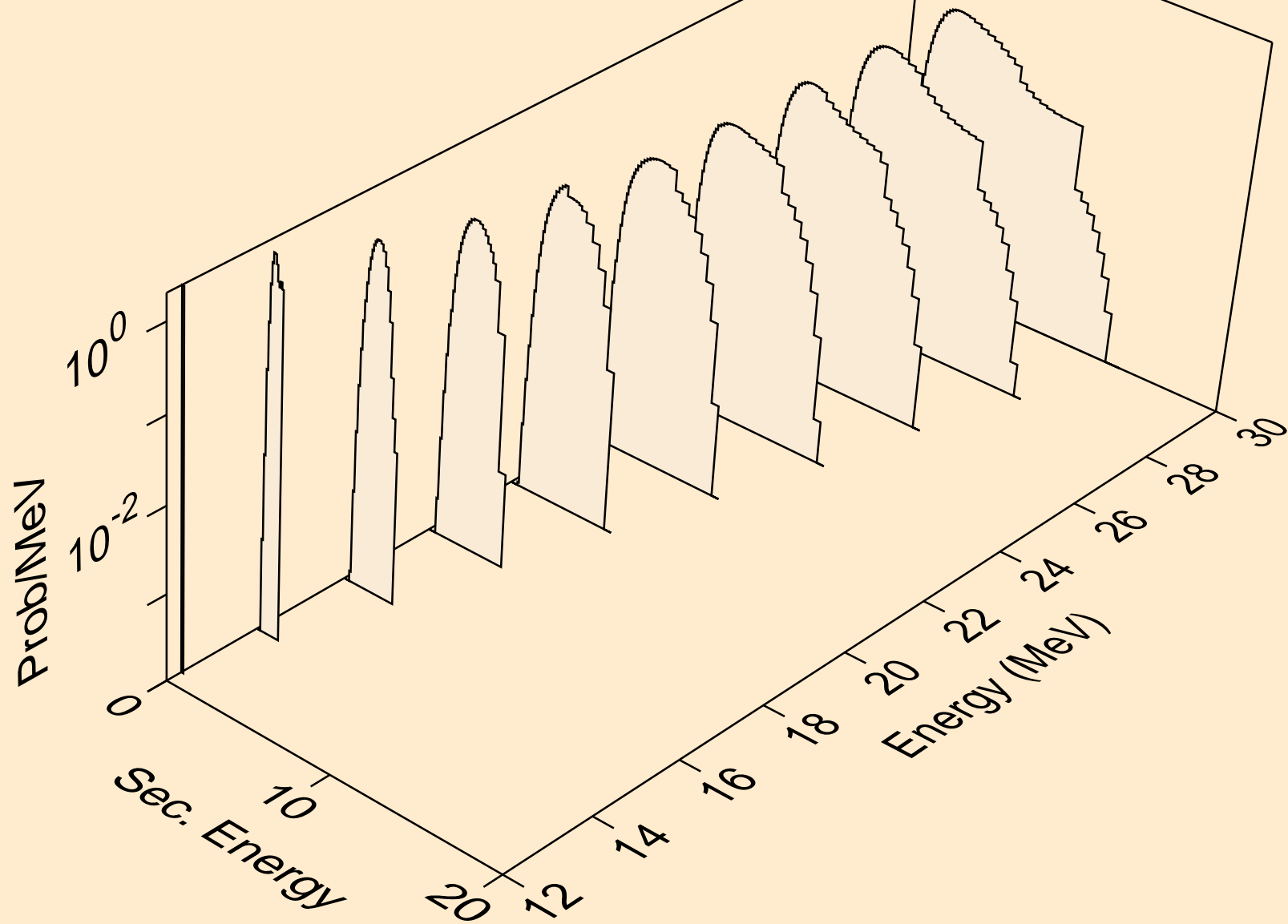
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tritons from (p,x)



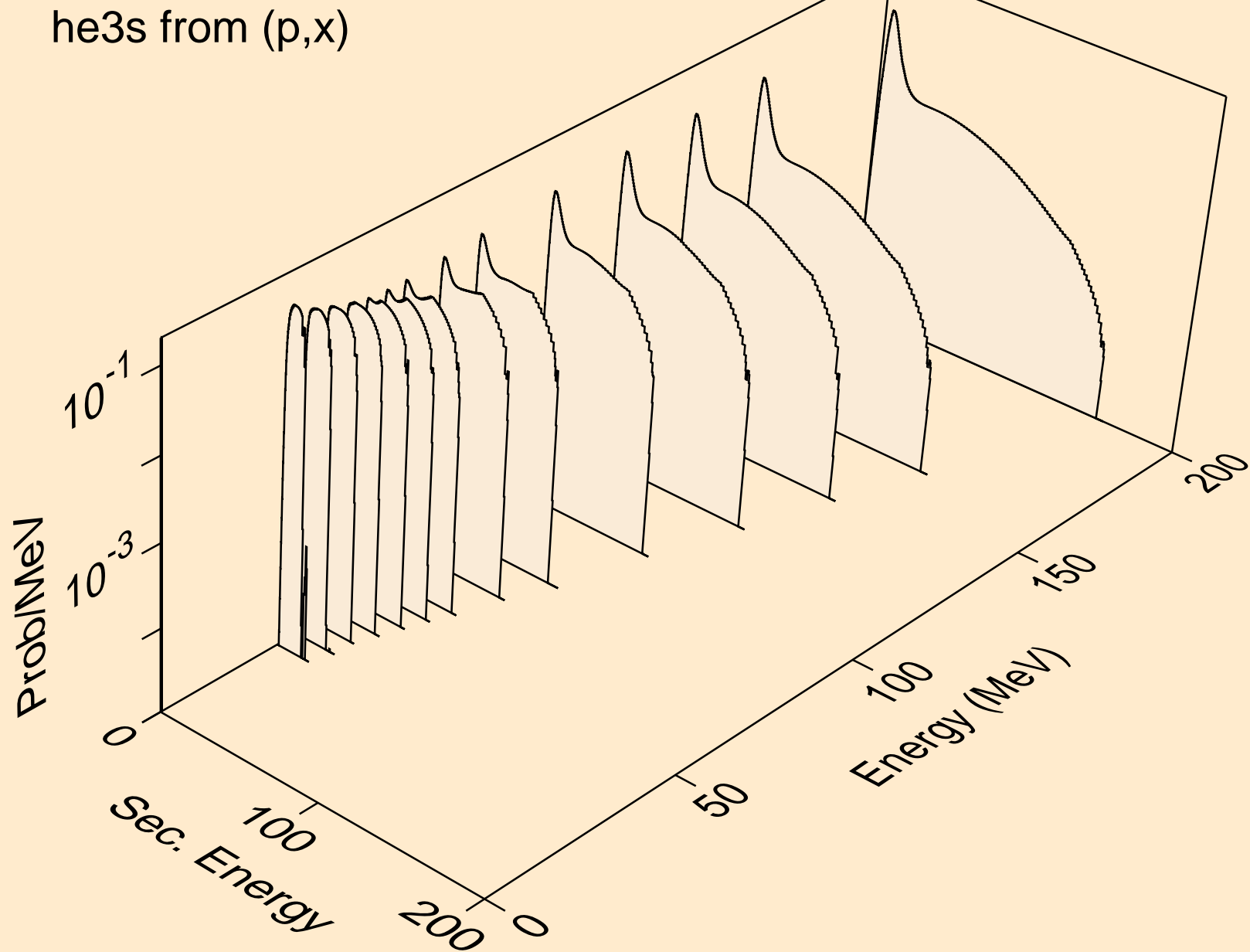
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tritons from (p,t)



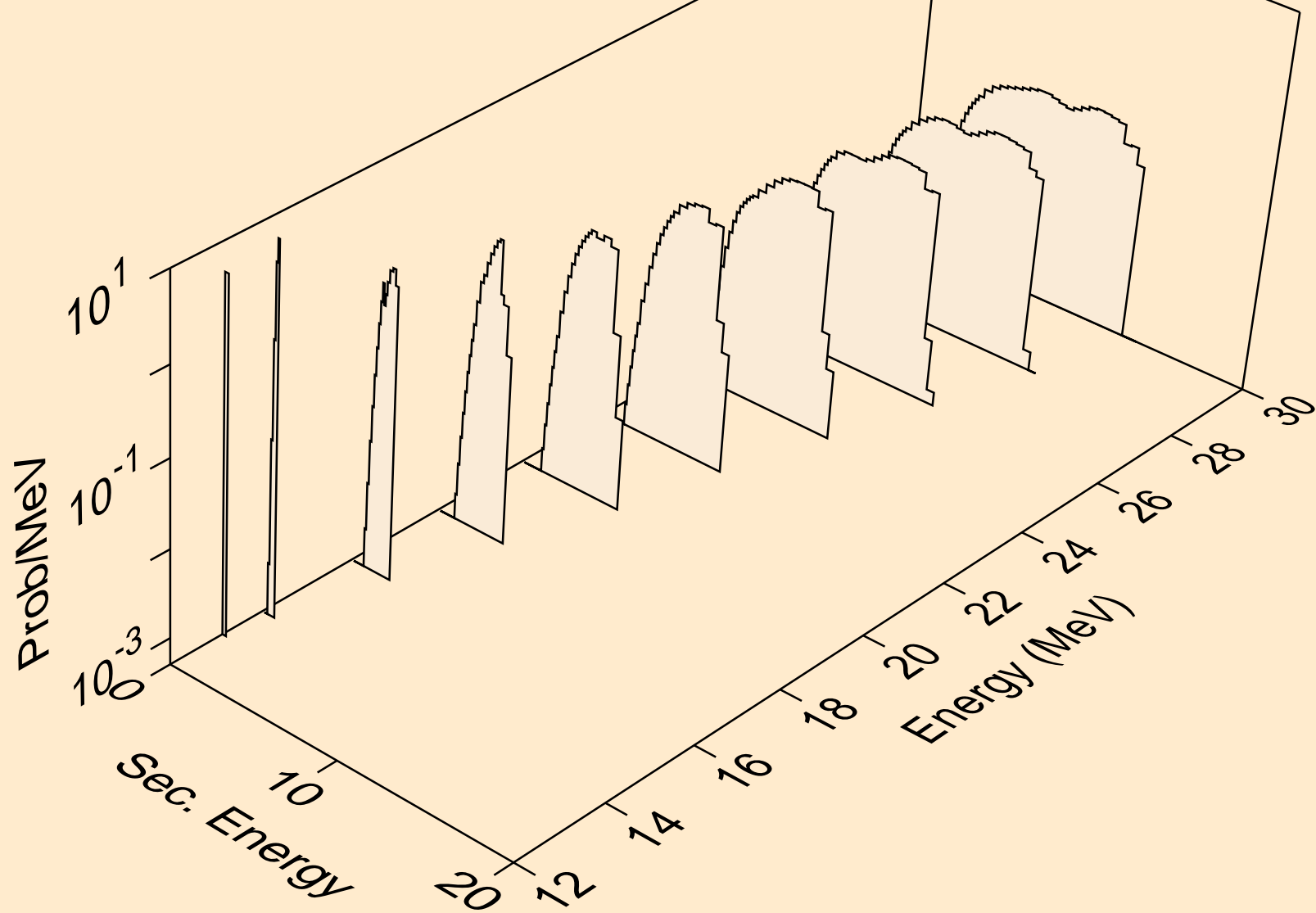
F019 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,pt)



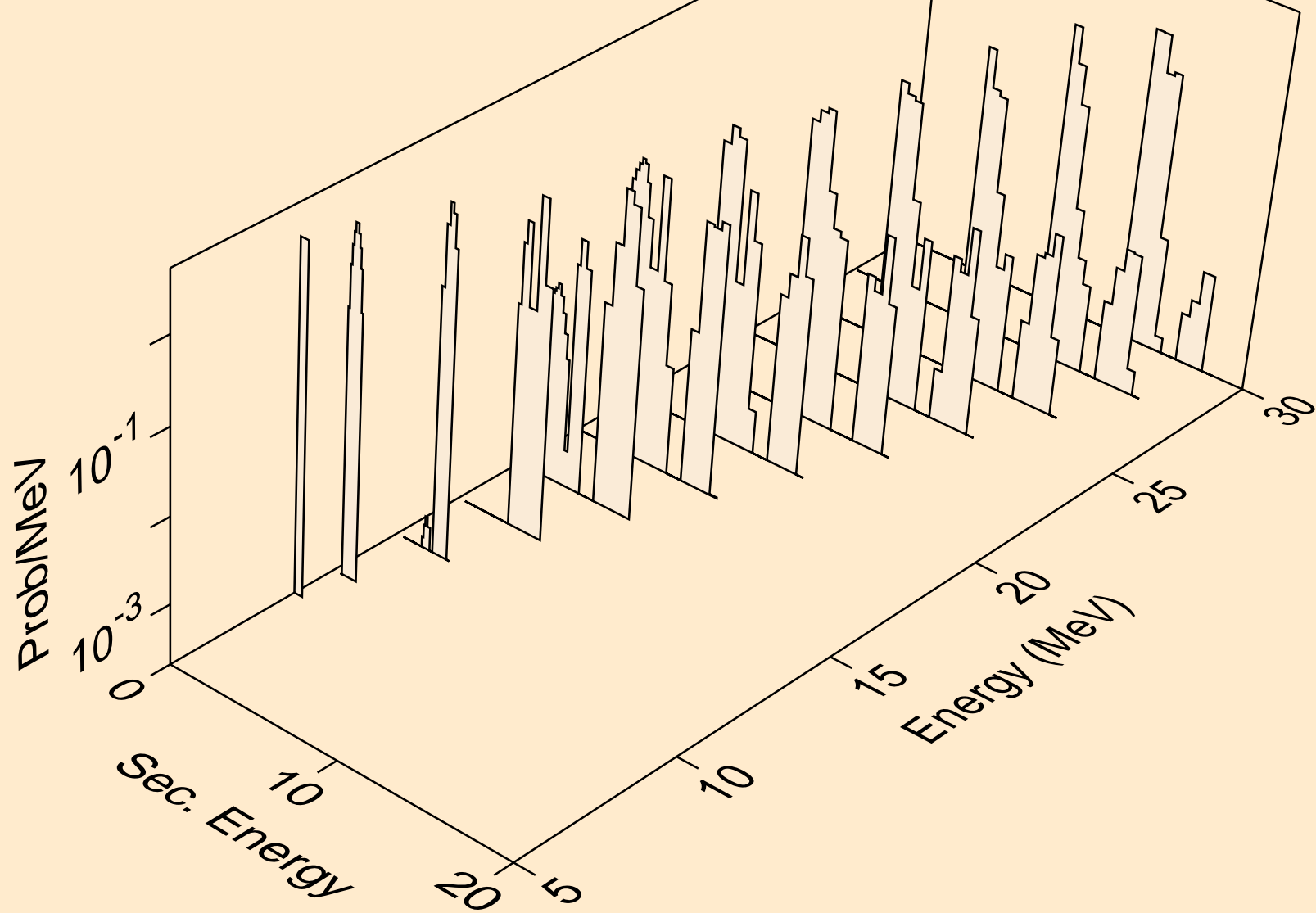
F019 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,x)



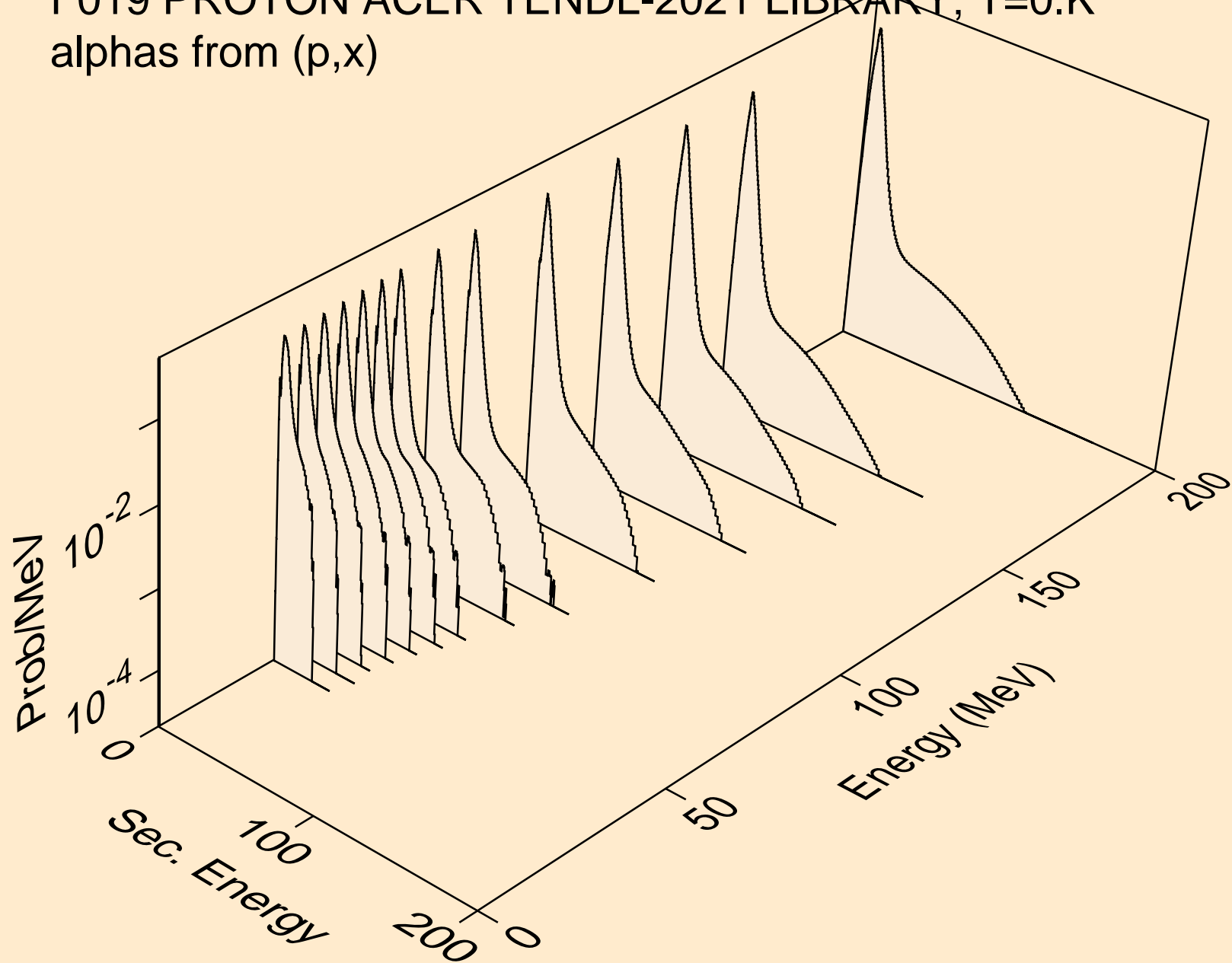
F019 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,n\*)he3



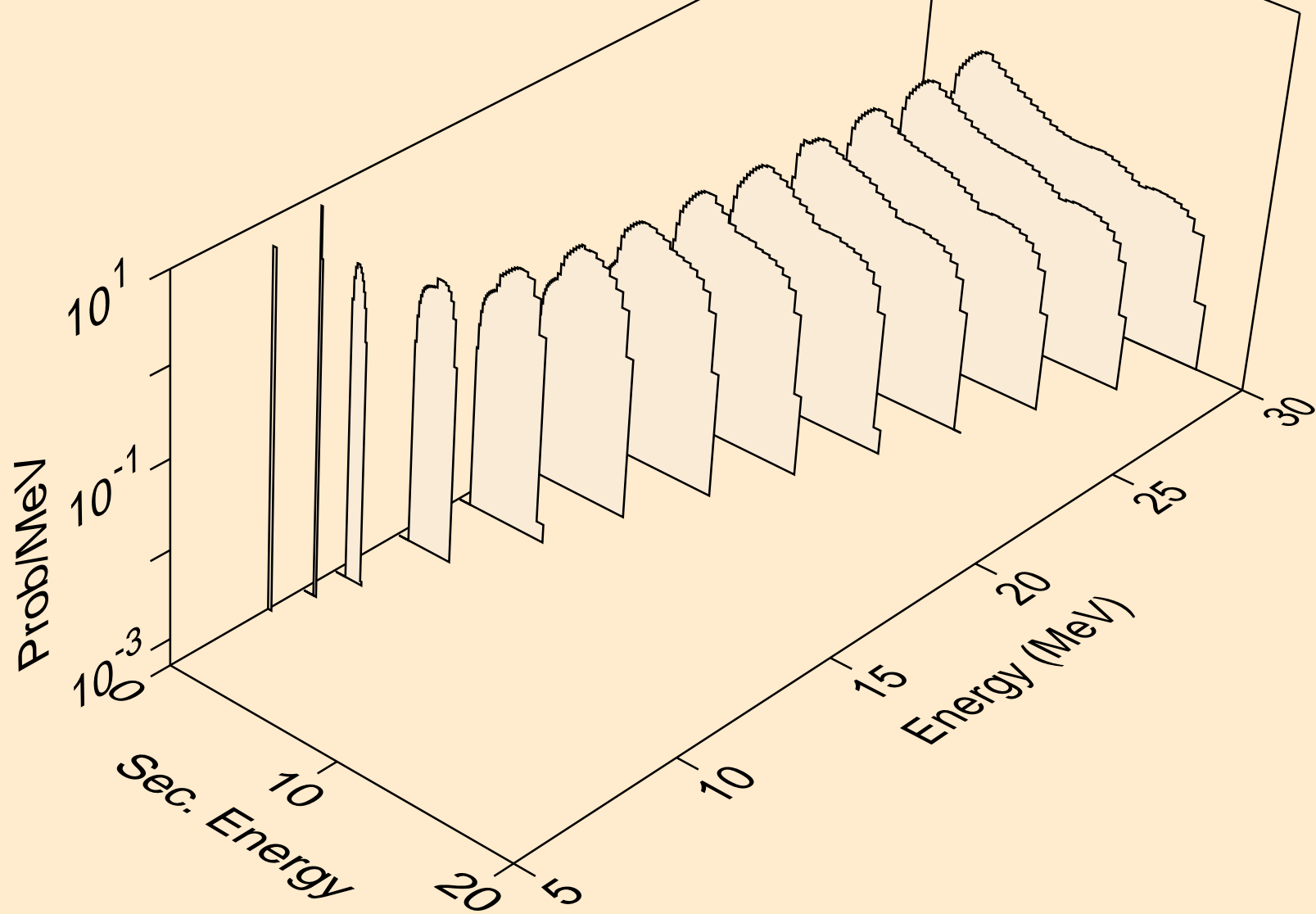
F019 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,he3)



F019 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,x)

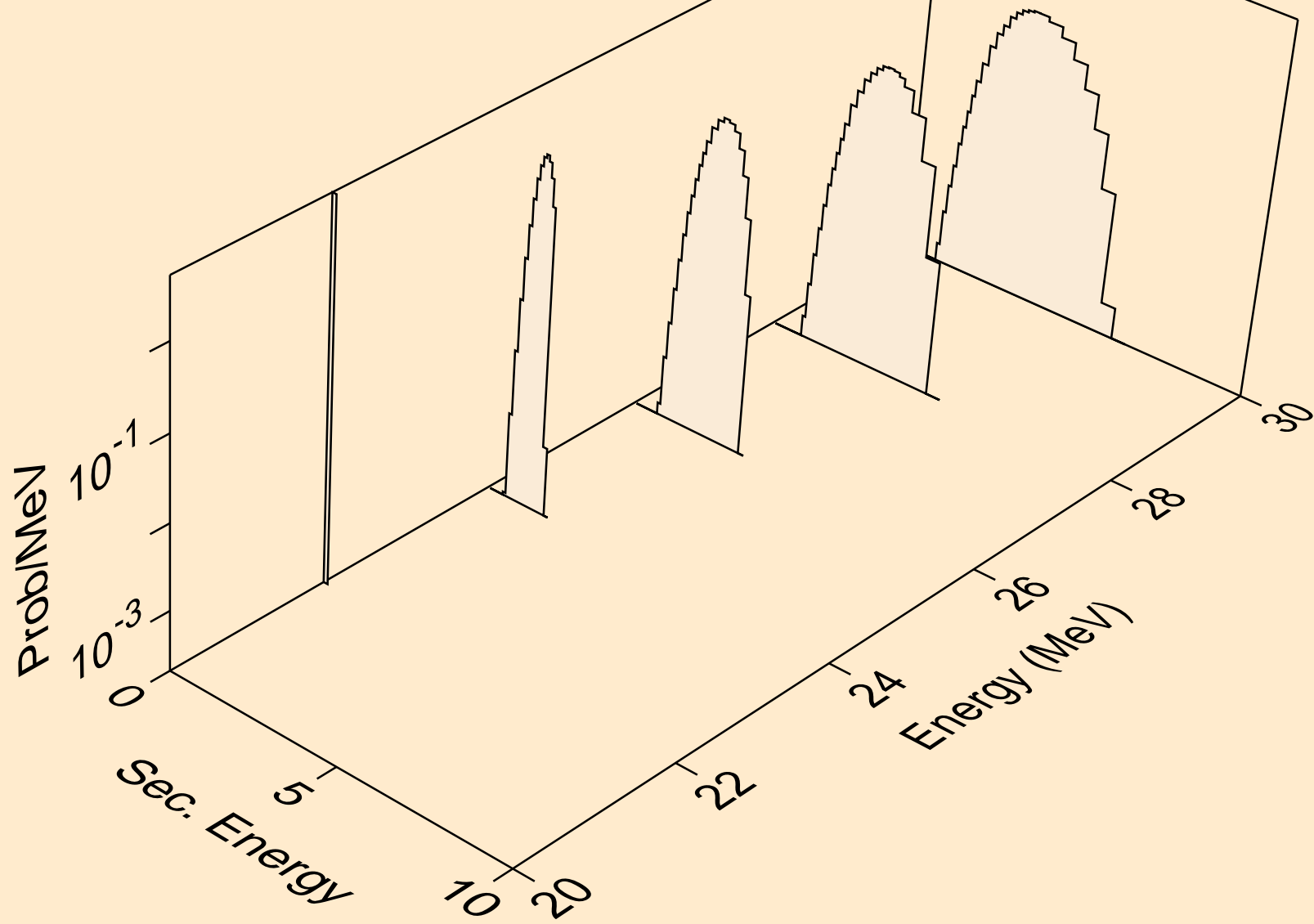


F019 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,n\*)a

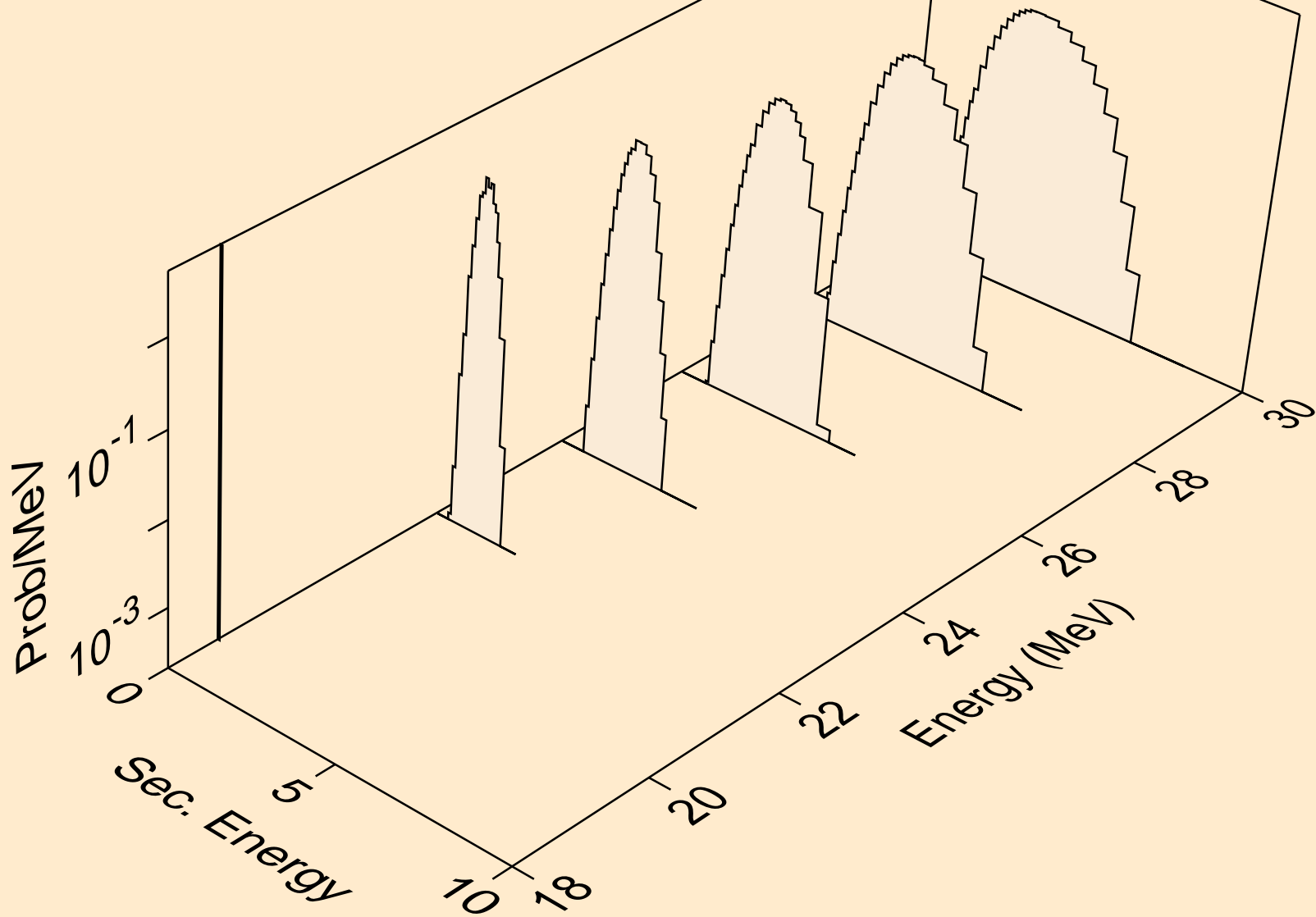




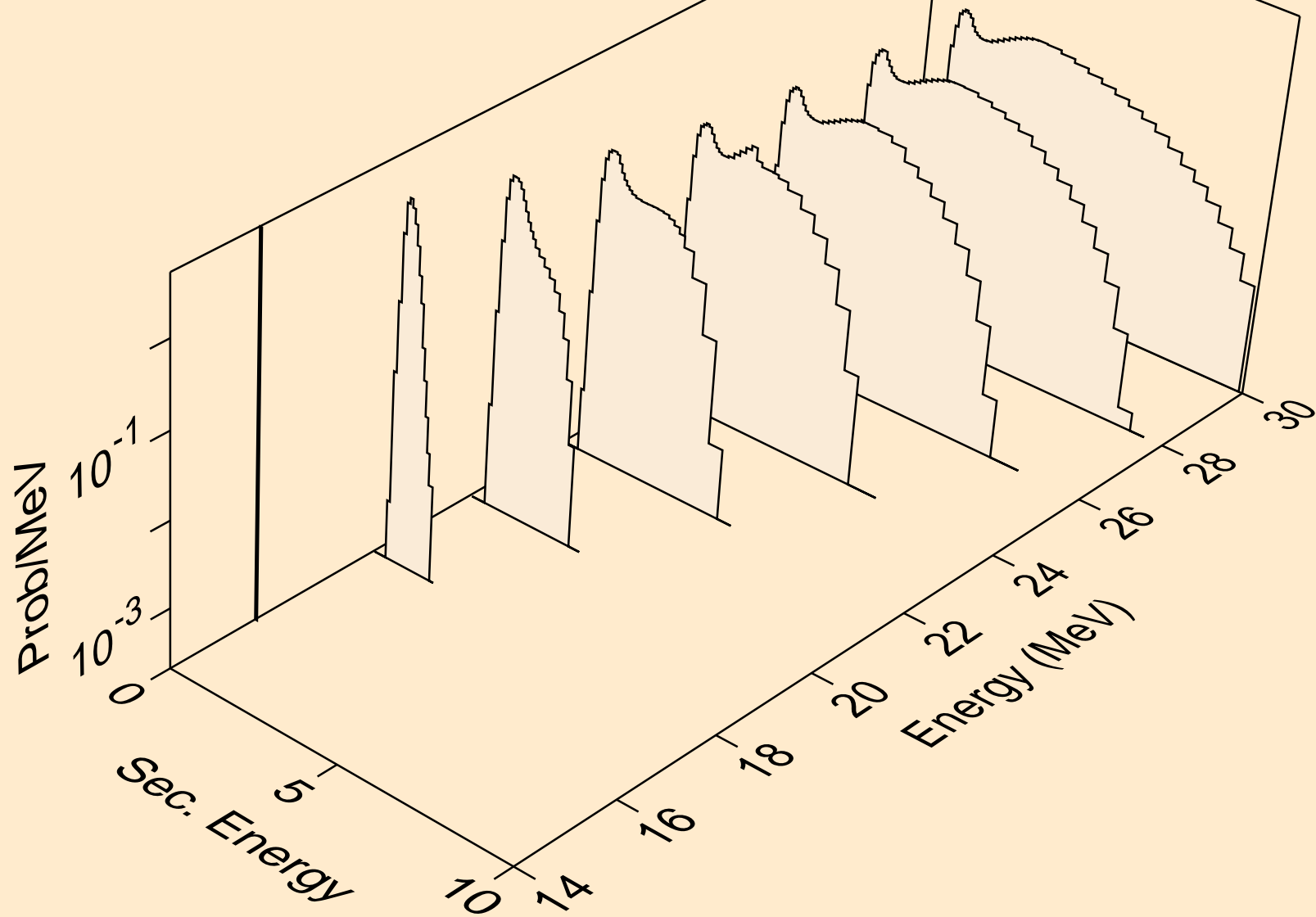
F019 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,2n)a



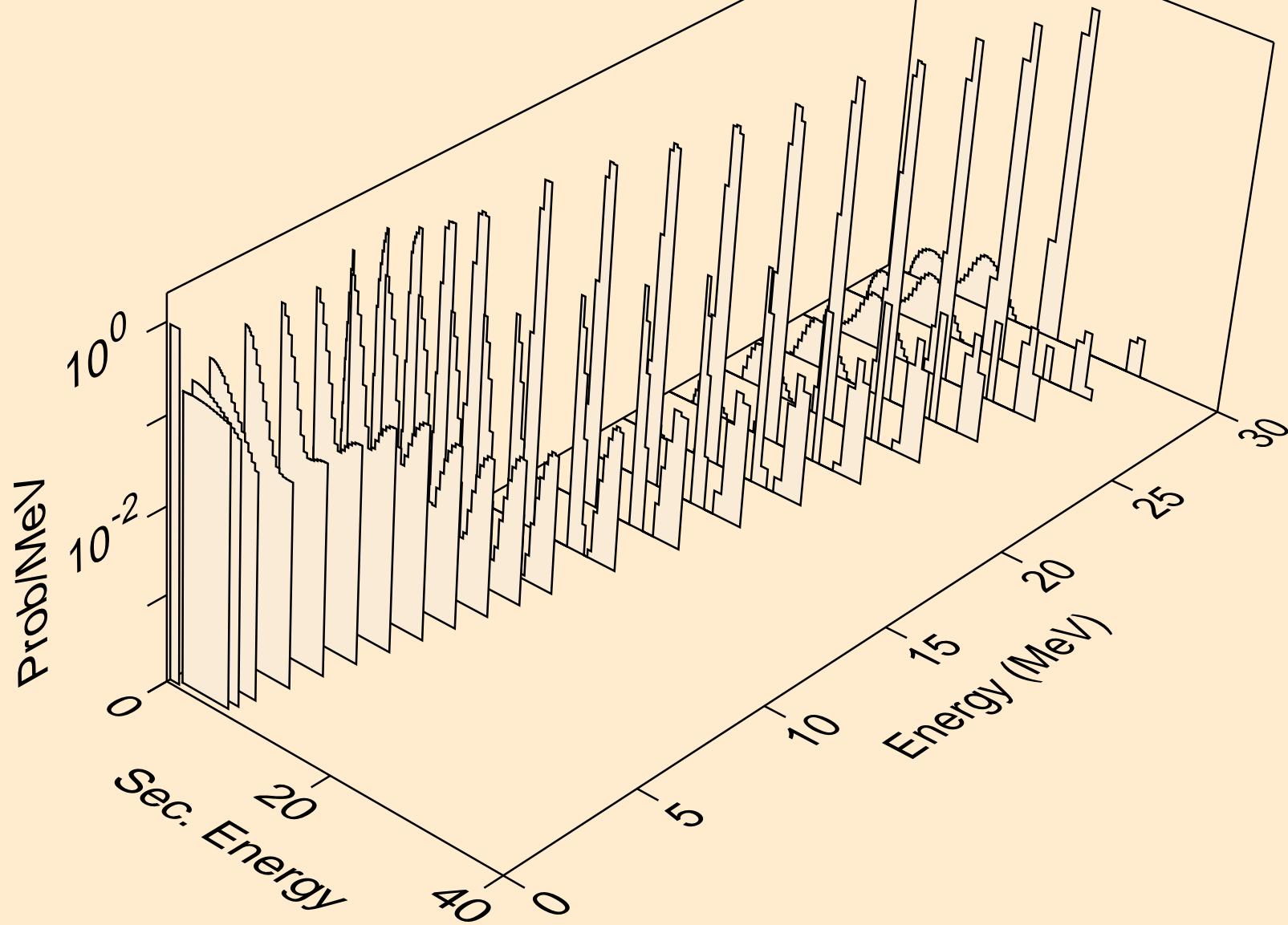
F019 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,n\*)2a



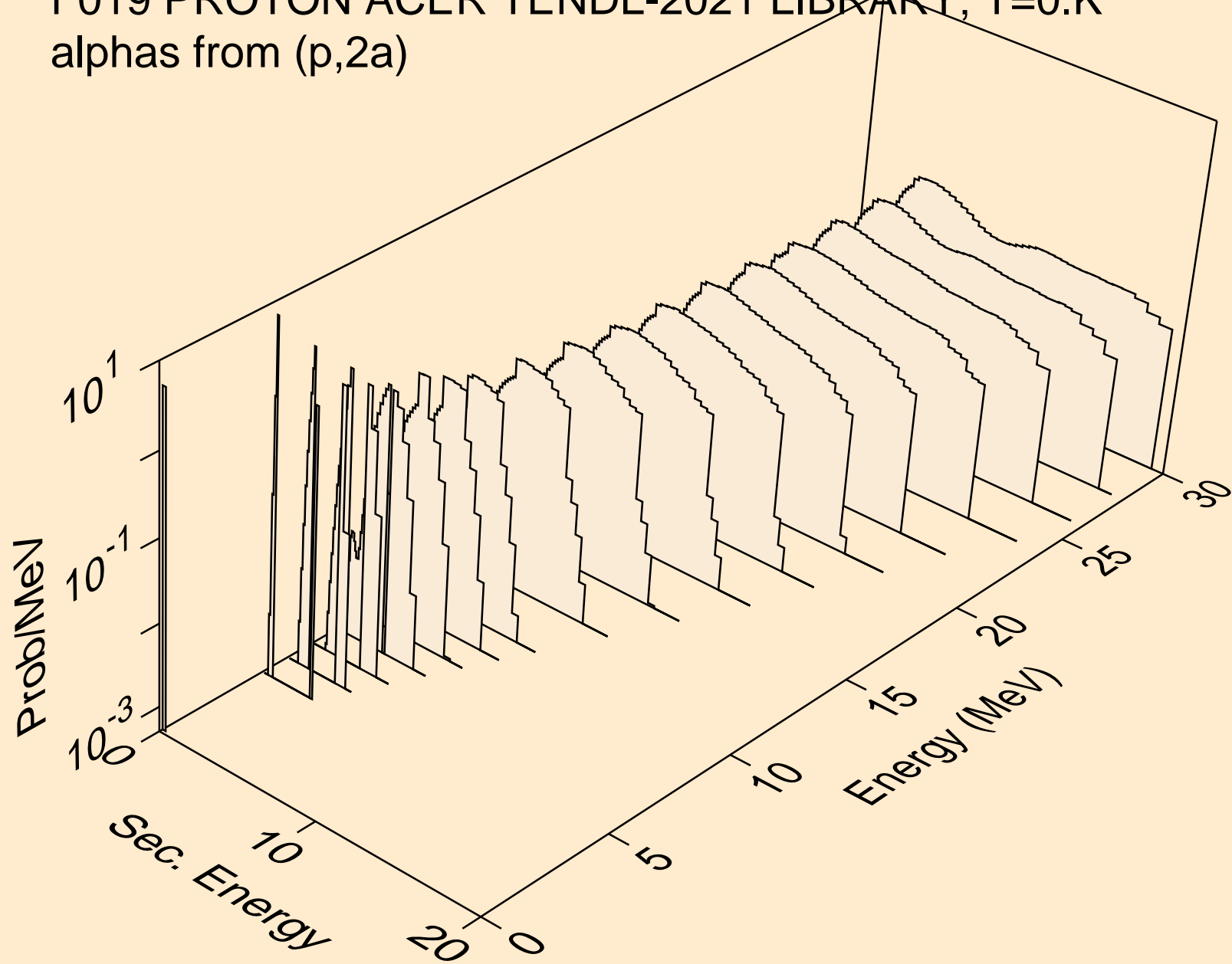
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alphas from (p,npa)



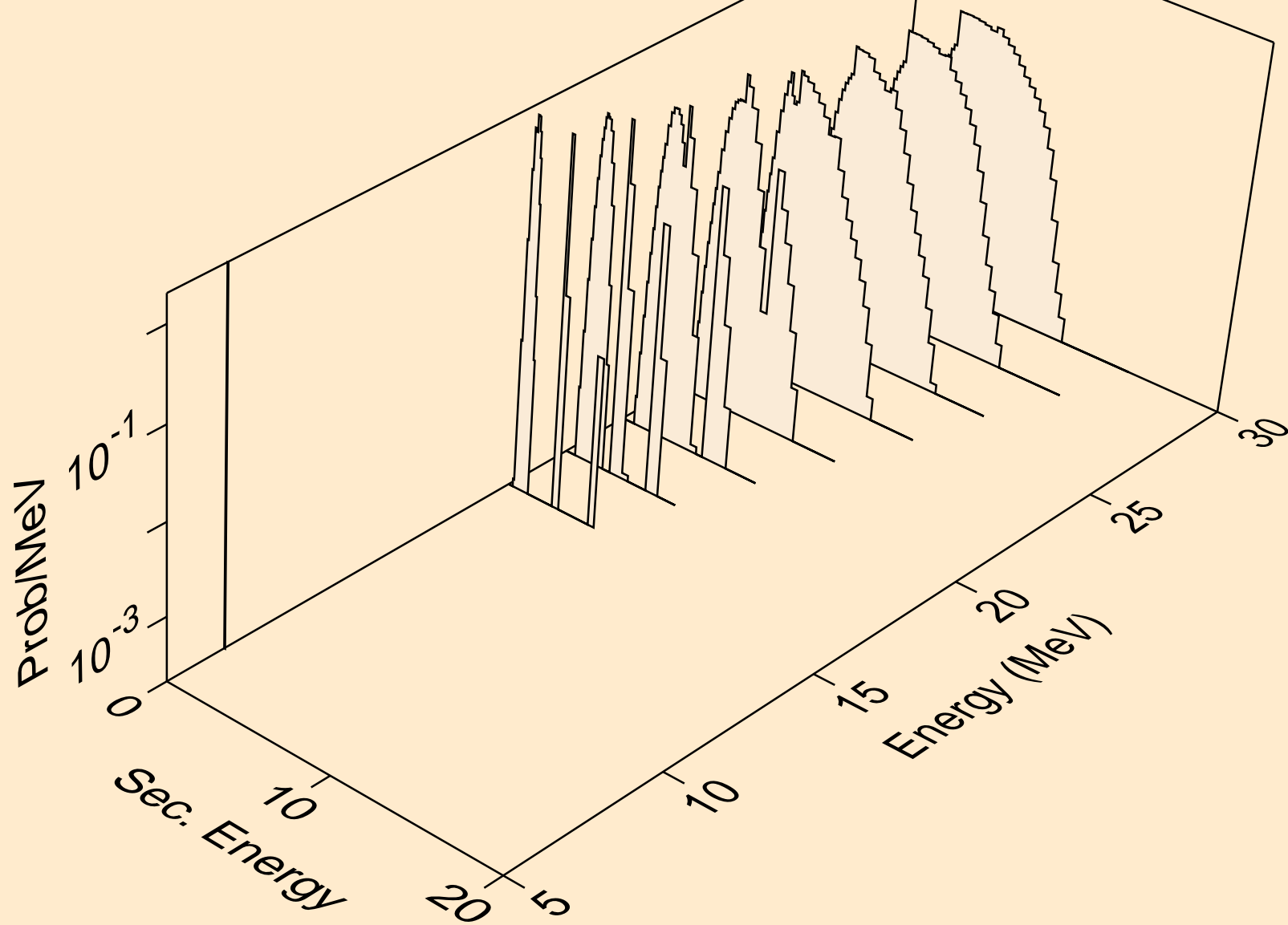
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alphas from (p,a)



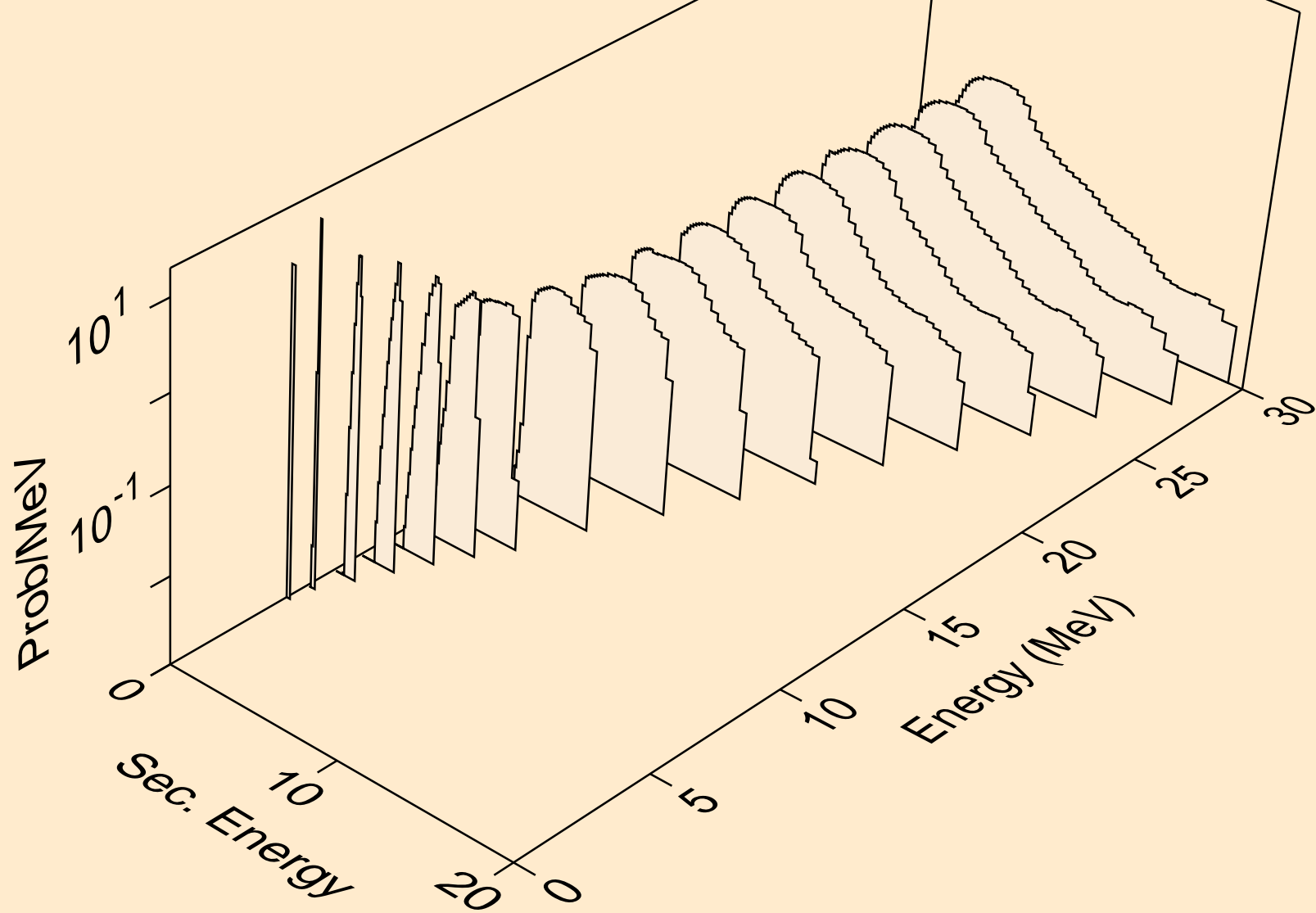
F019 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,2a)



F019 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,3a)



F019 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,pa)



F019 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,da)

