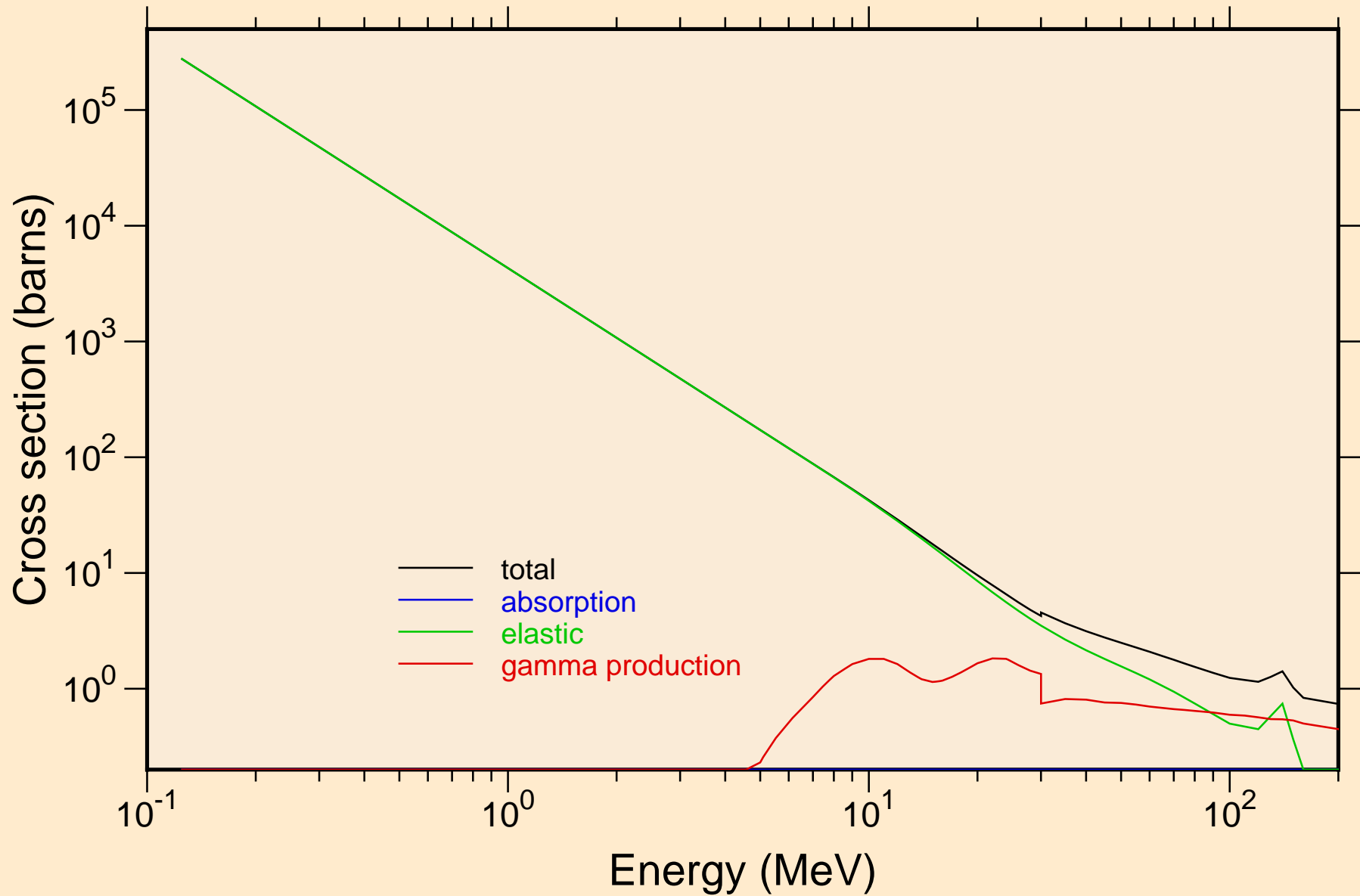
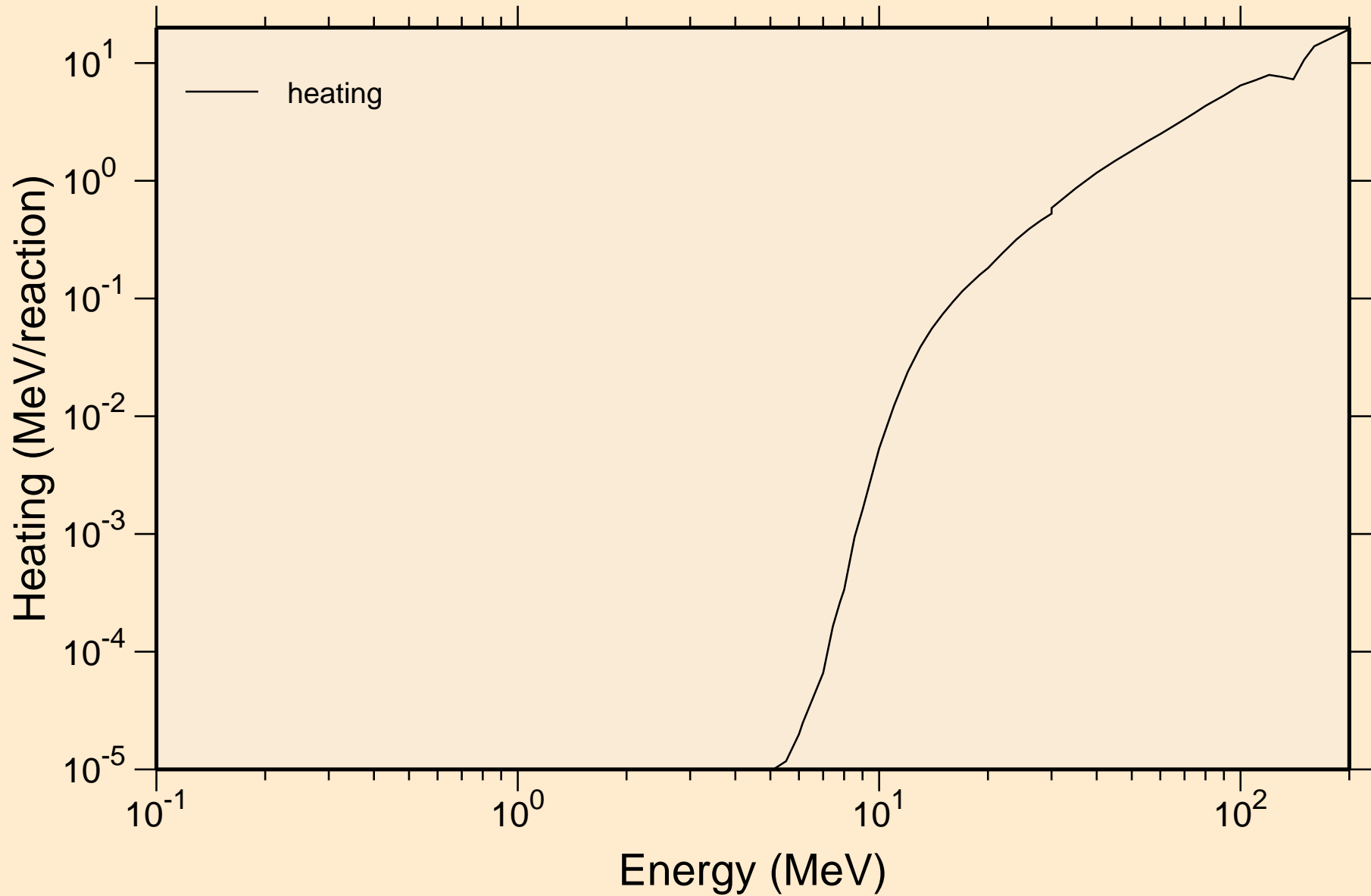


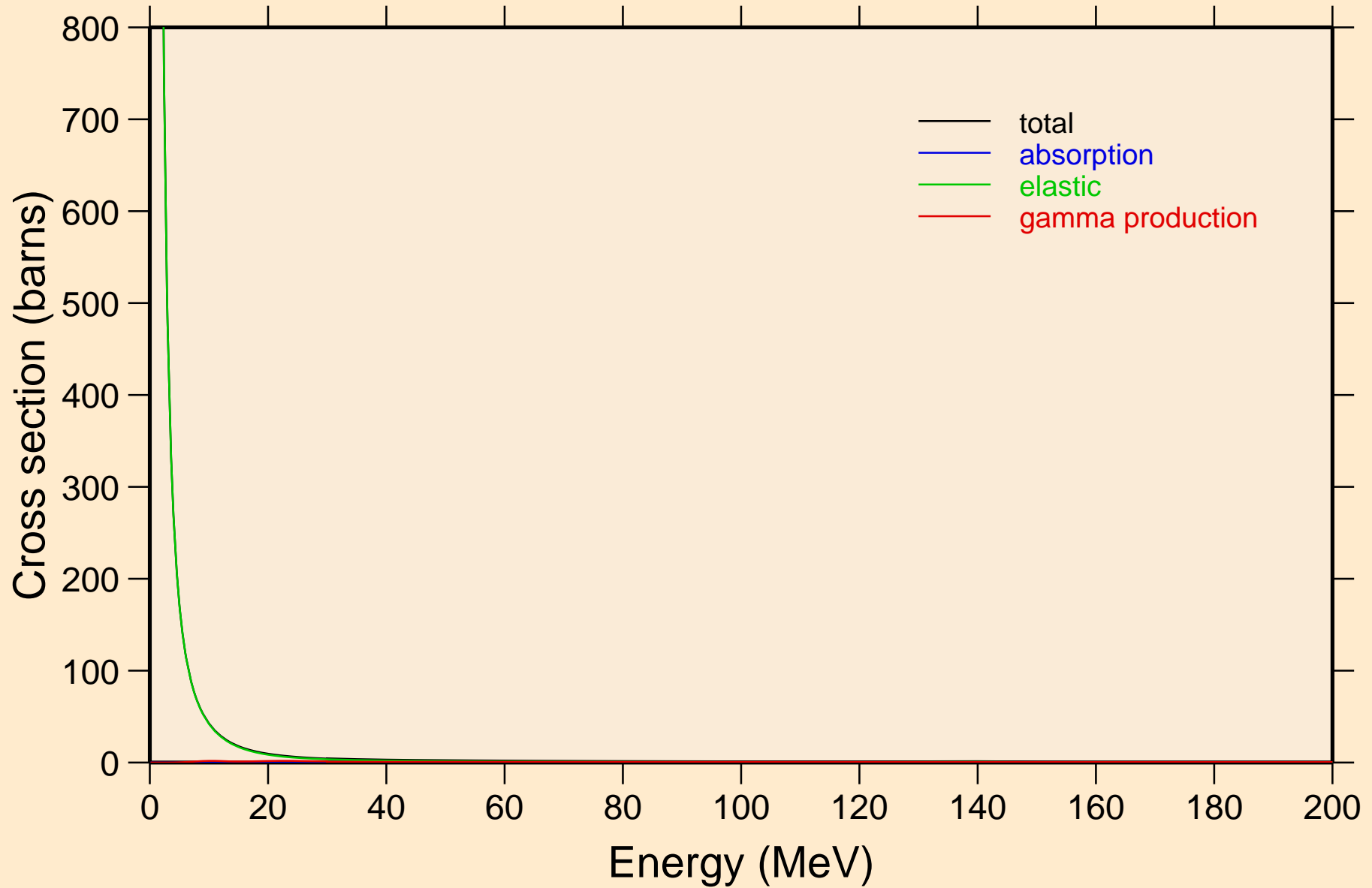
FE053M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections



FE053M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Heating

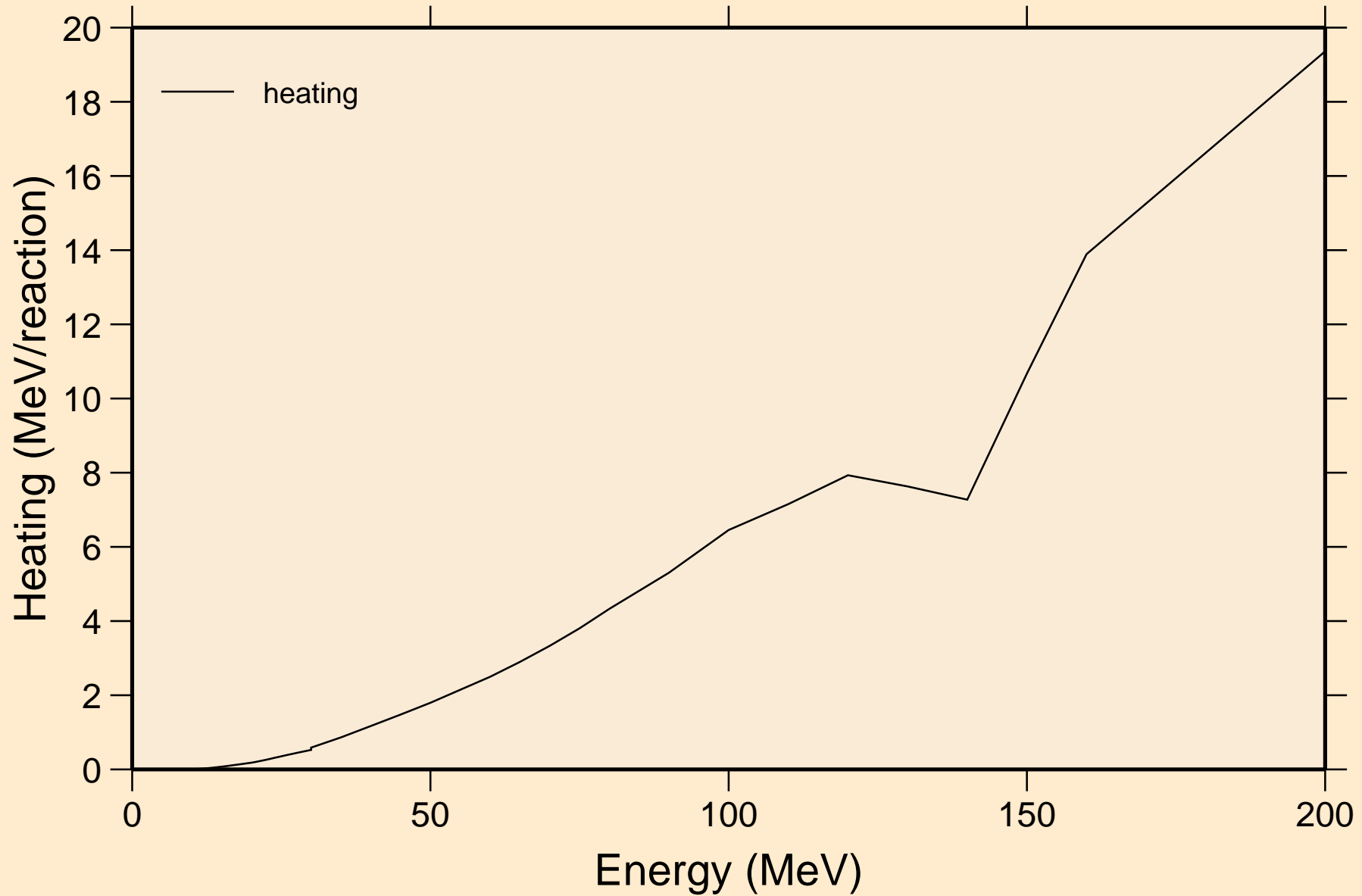


FE053M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections

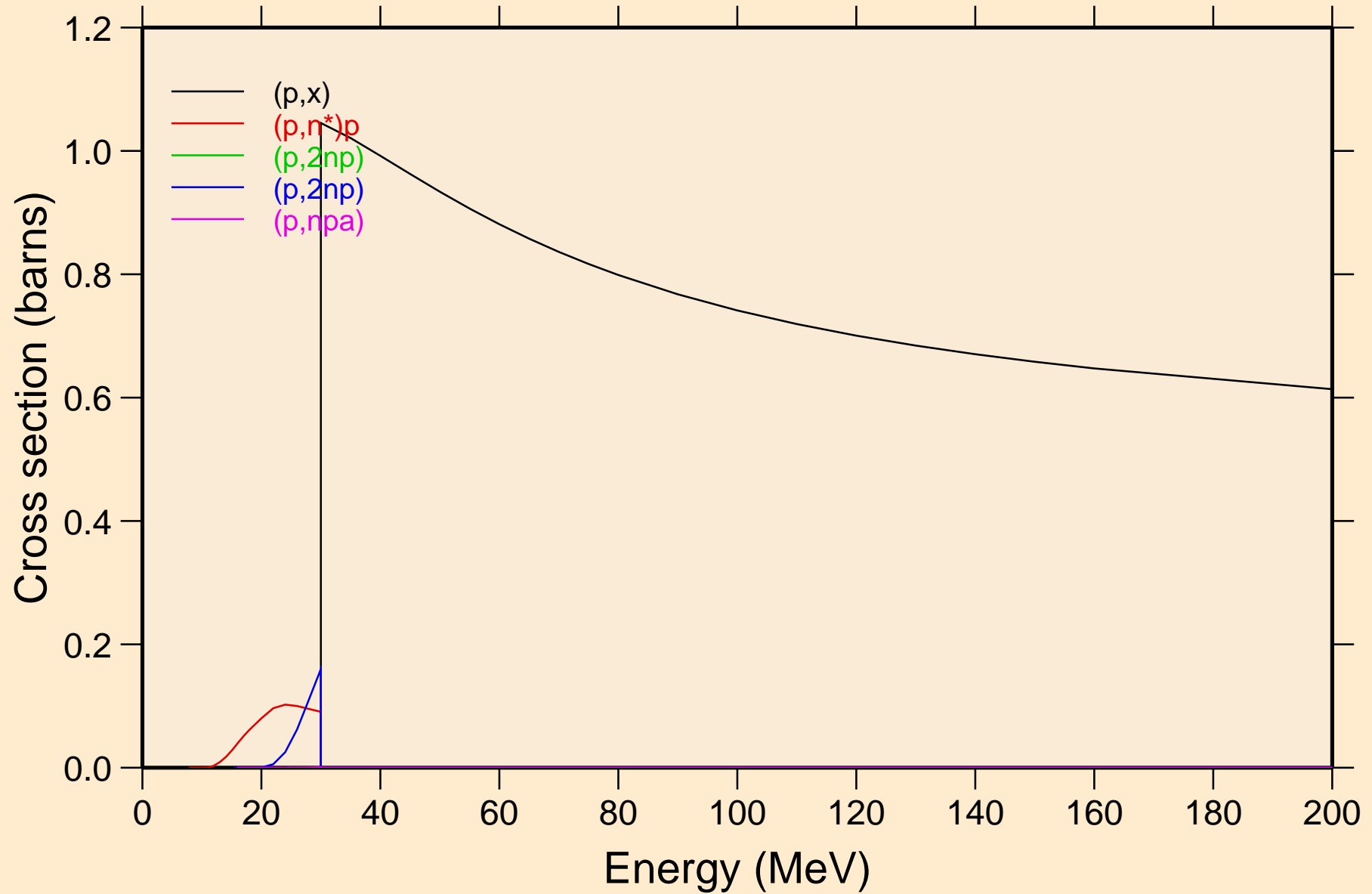


# FE053M PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Heating

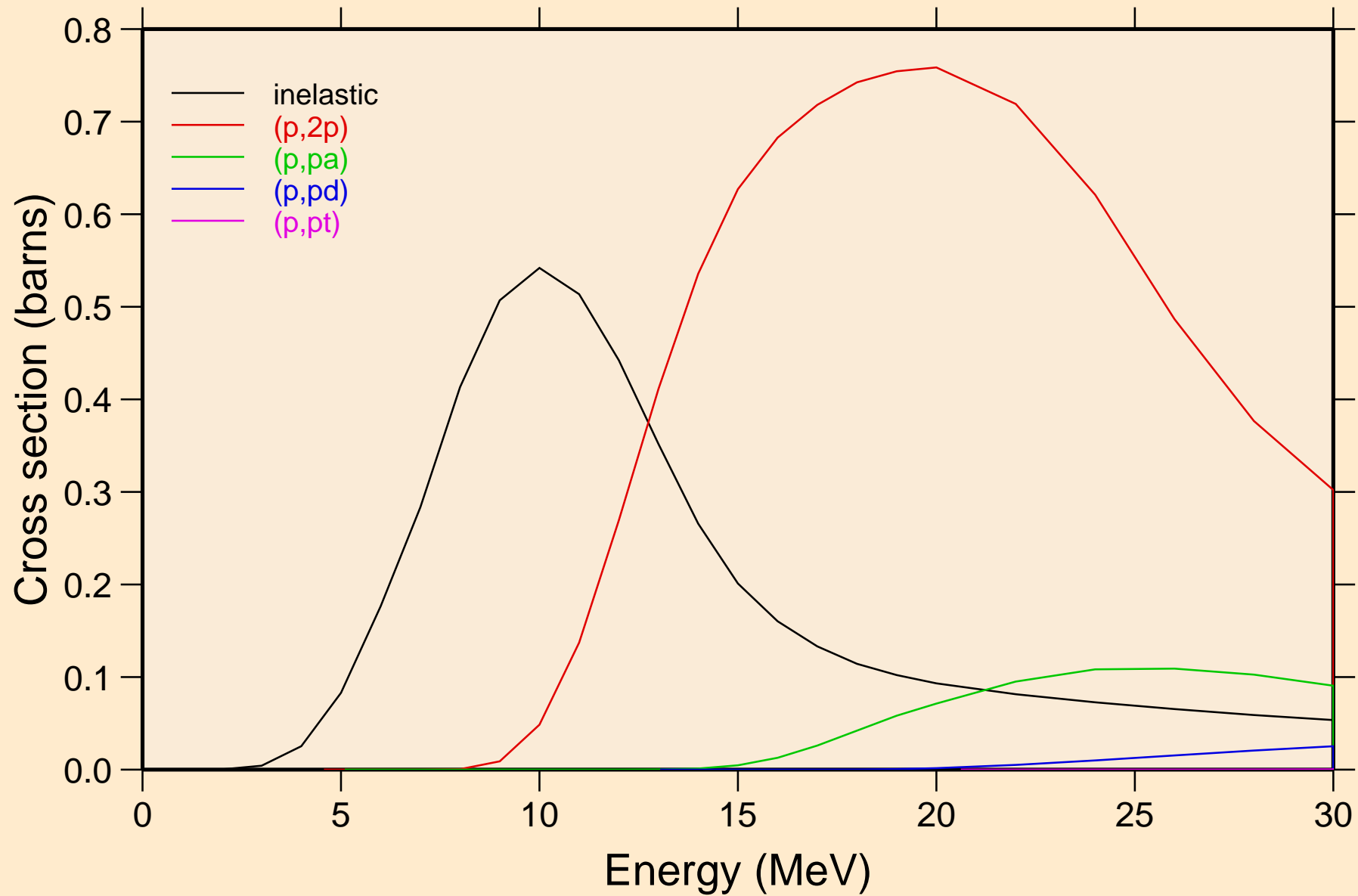


FE053M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

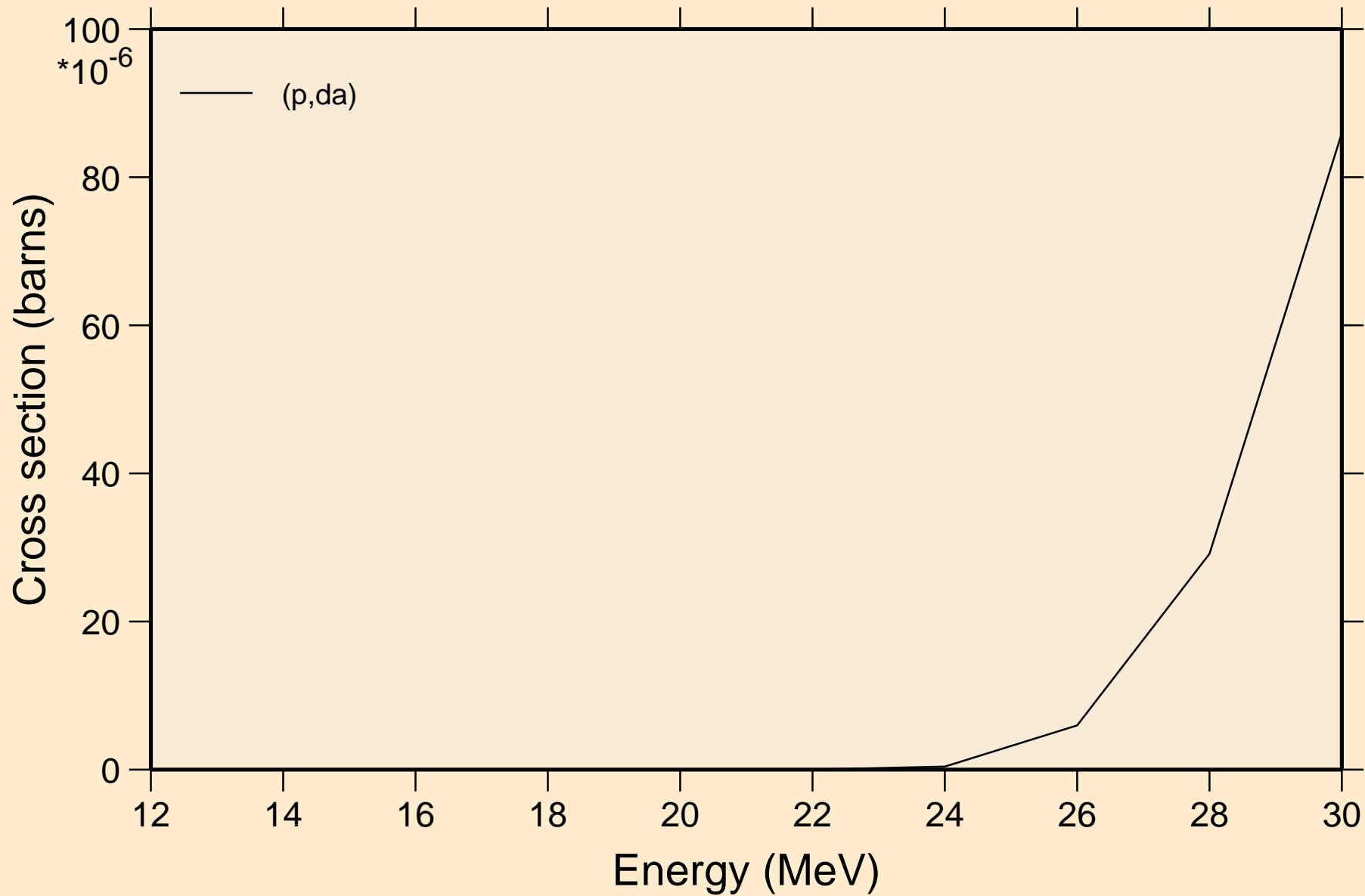


# FE053M PROTON ACER TENDL-2021 LIBRARY; T=0.K

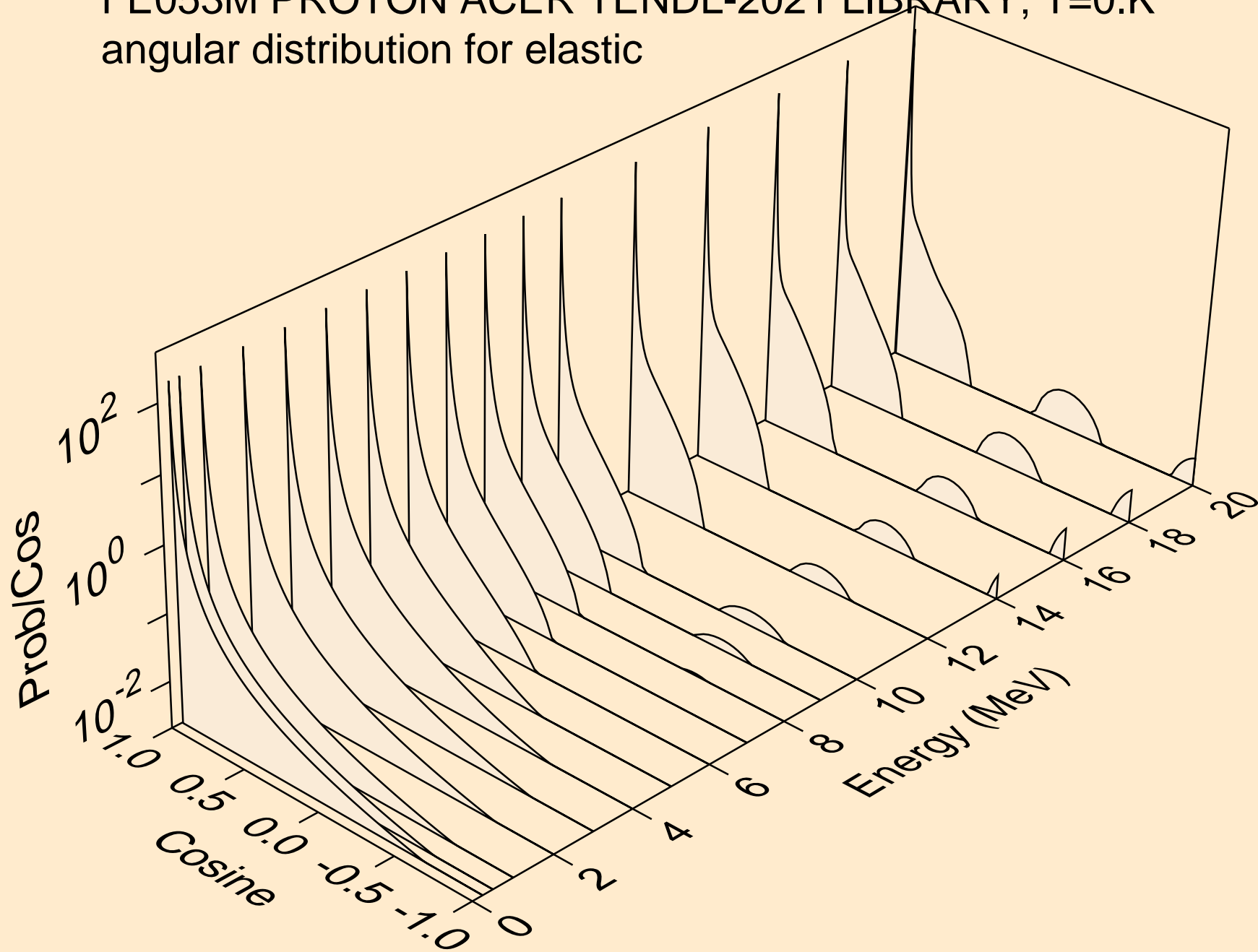
## Threshold reactions



FE053M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

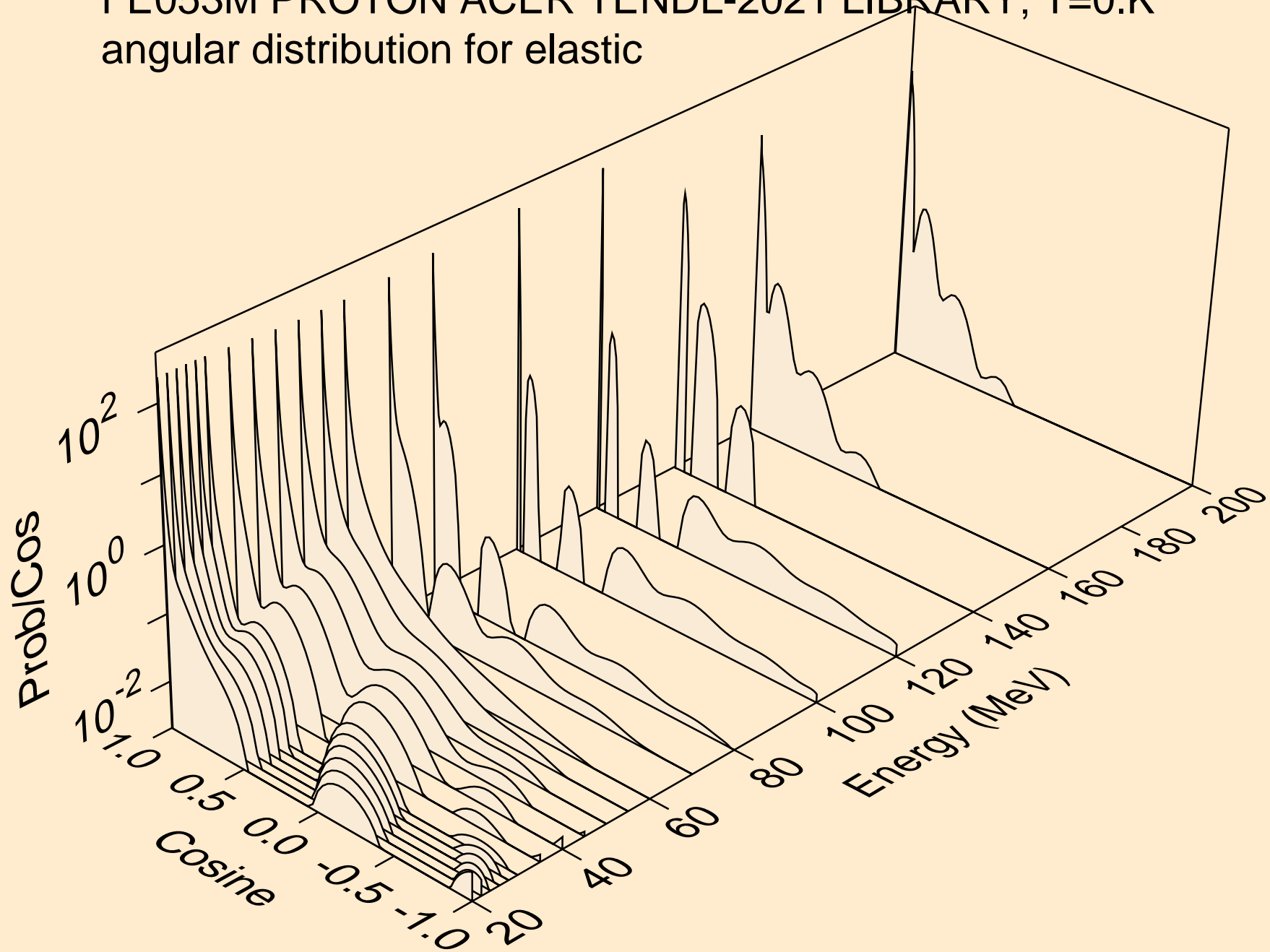


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angular distribution for elastic

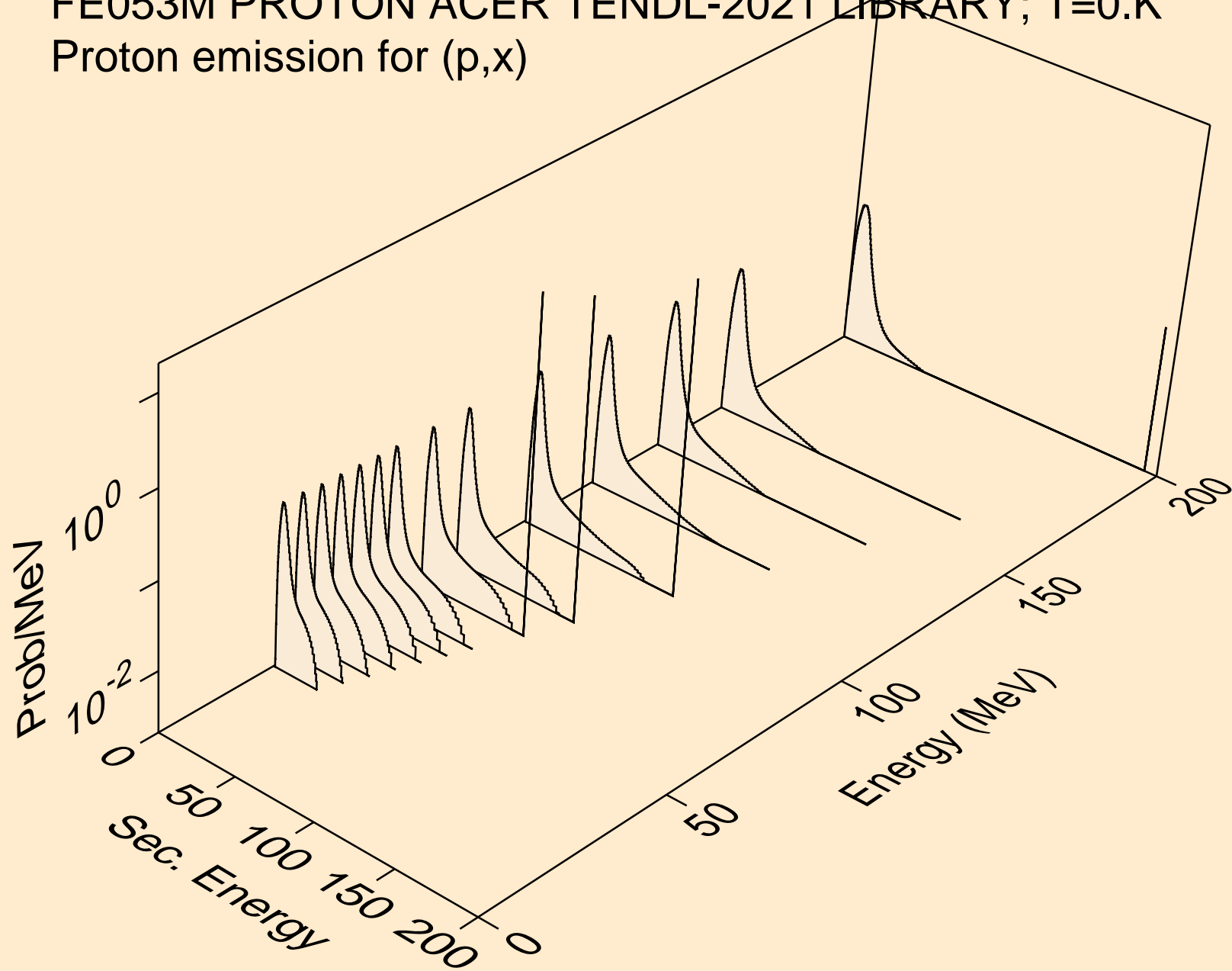




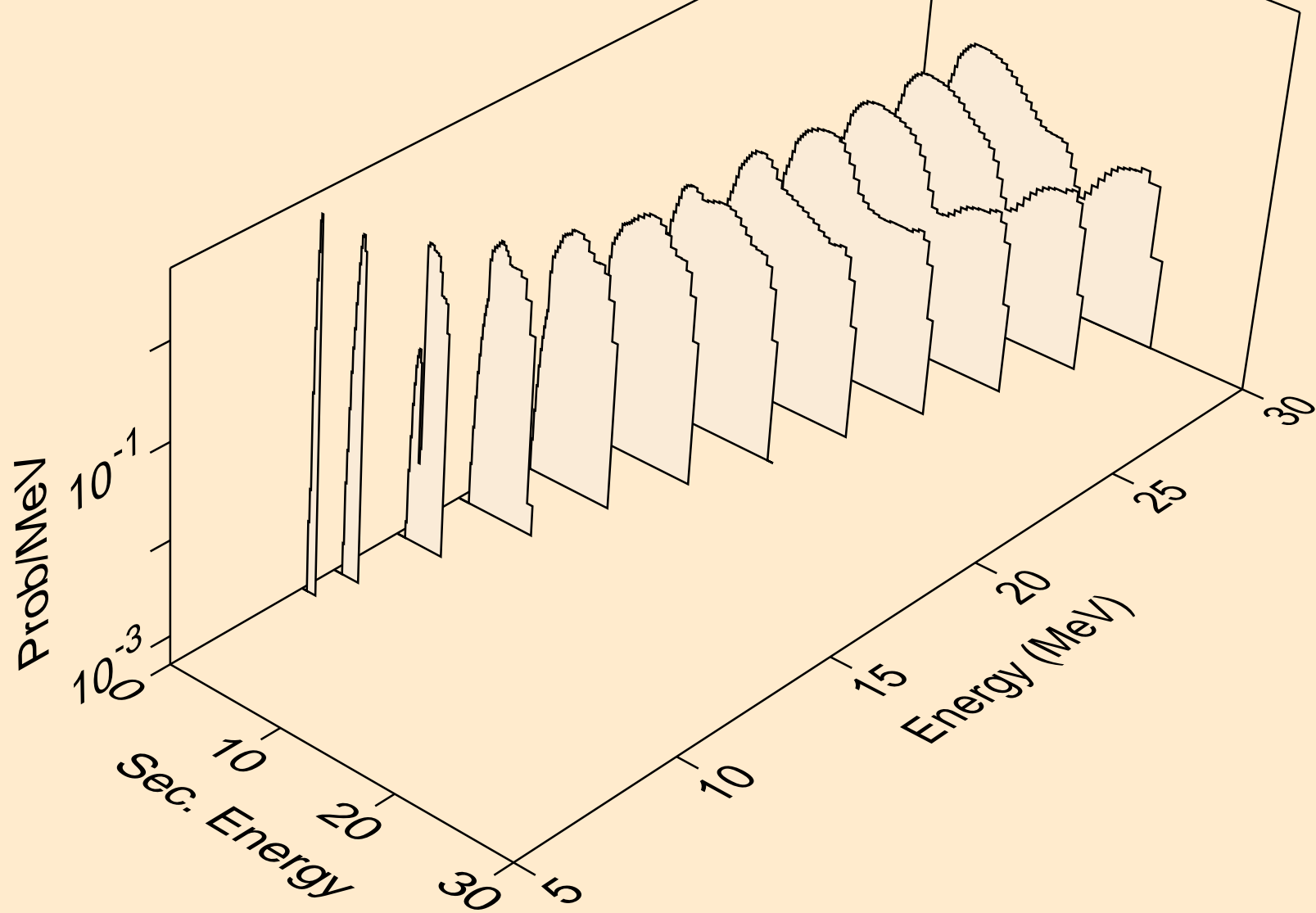
FE053M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



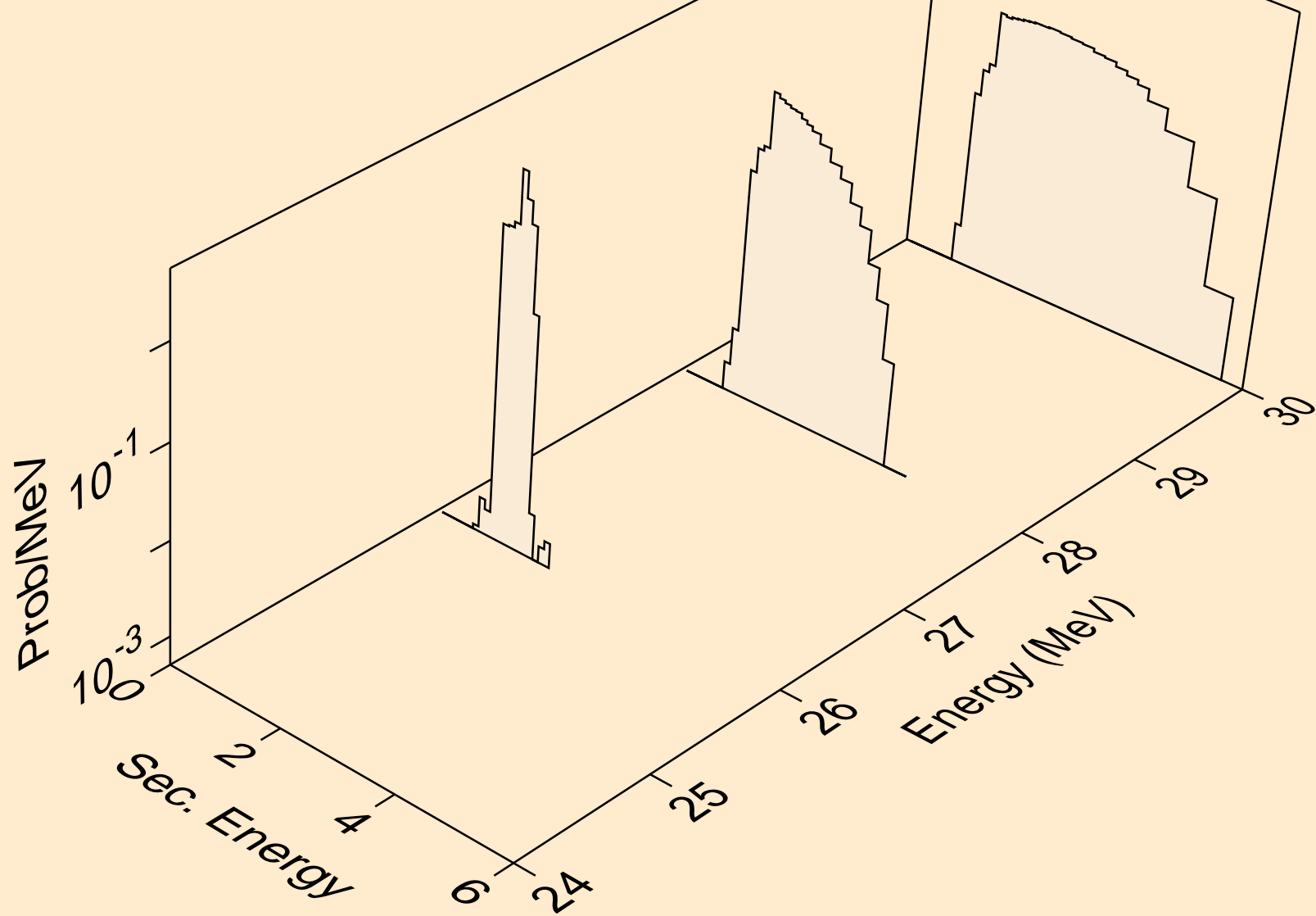
FE053M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,x)



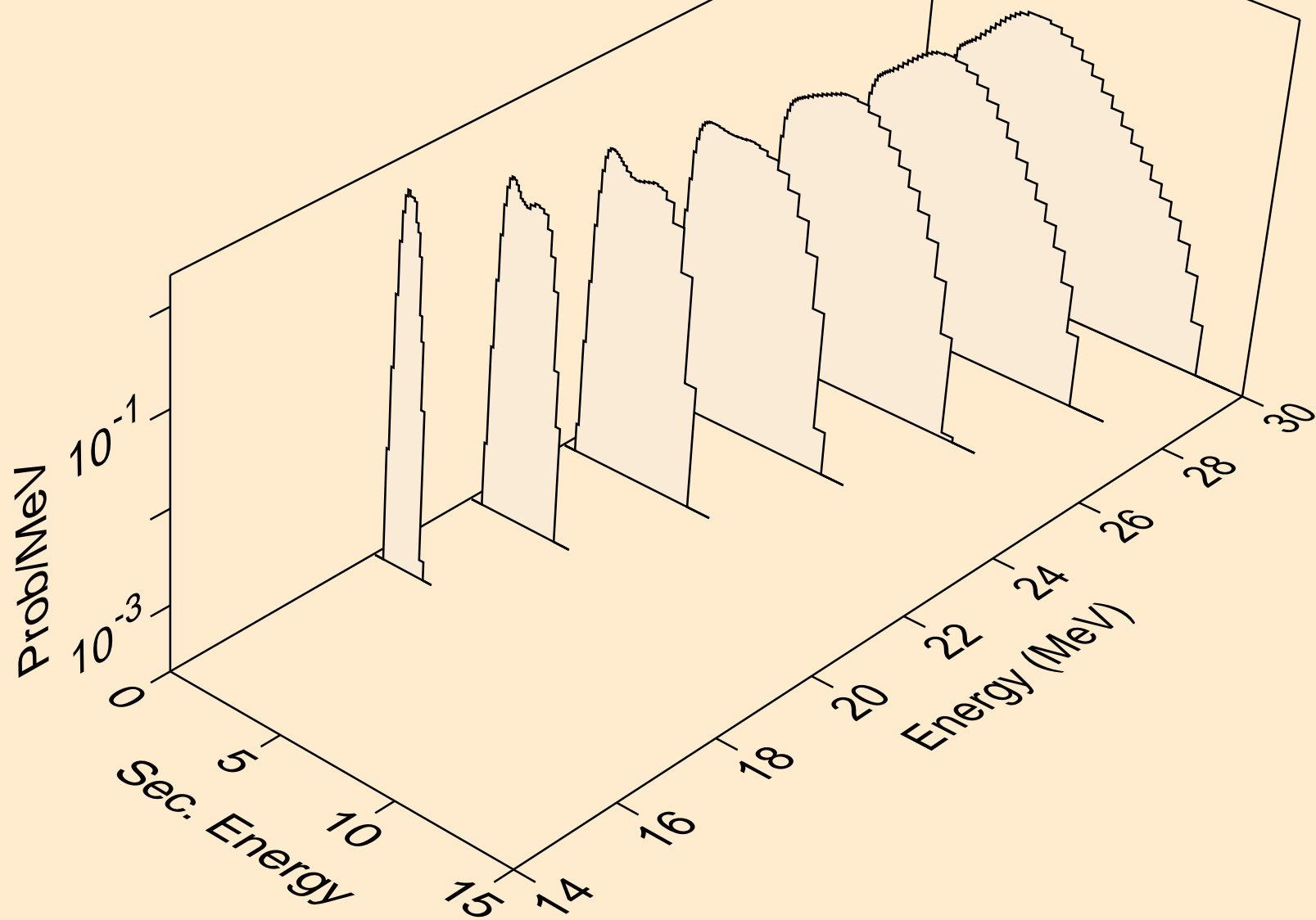
FE053M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



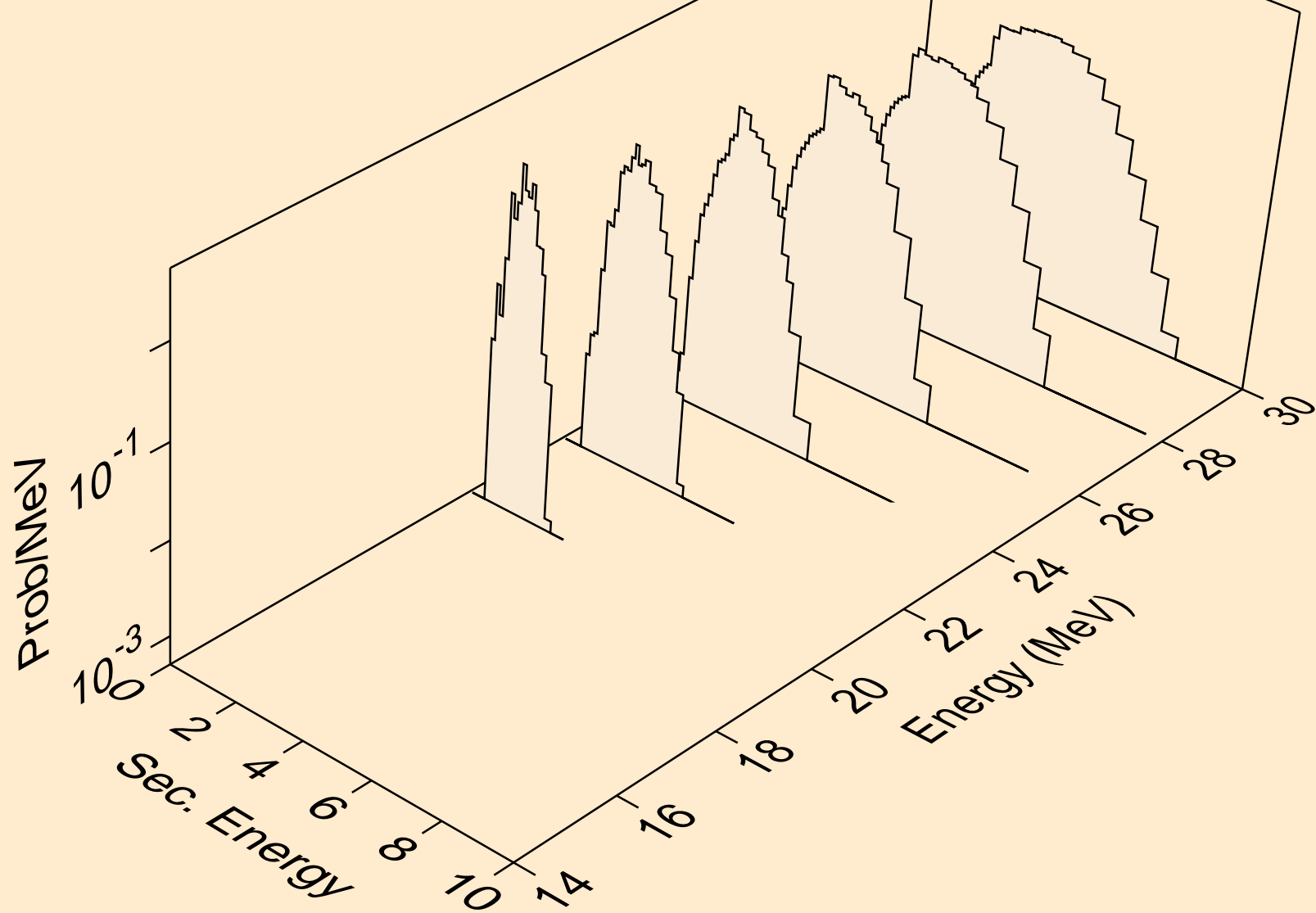
FE053M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2np)



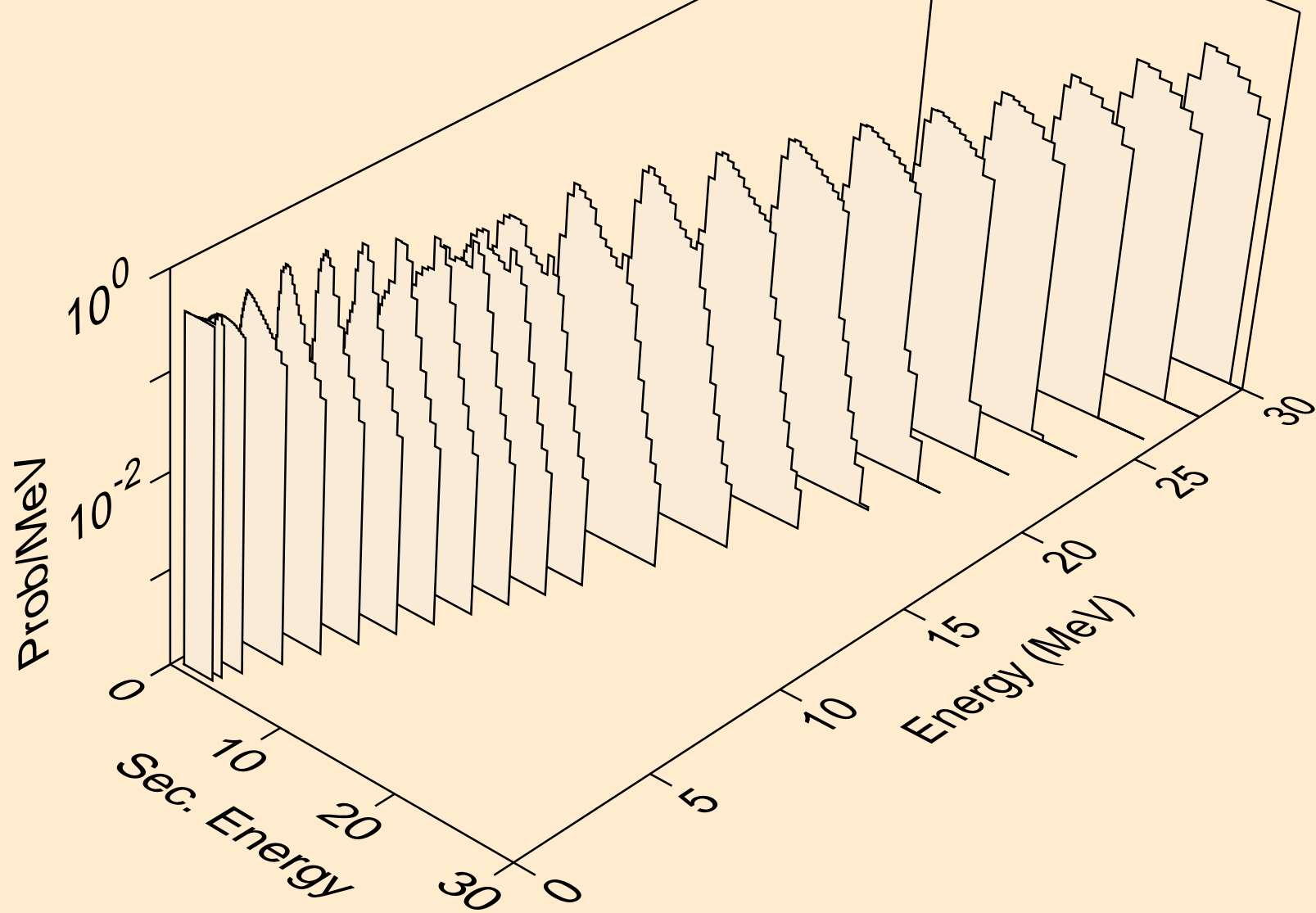
FE053M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2np)



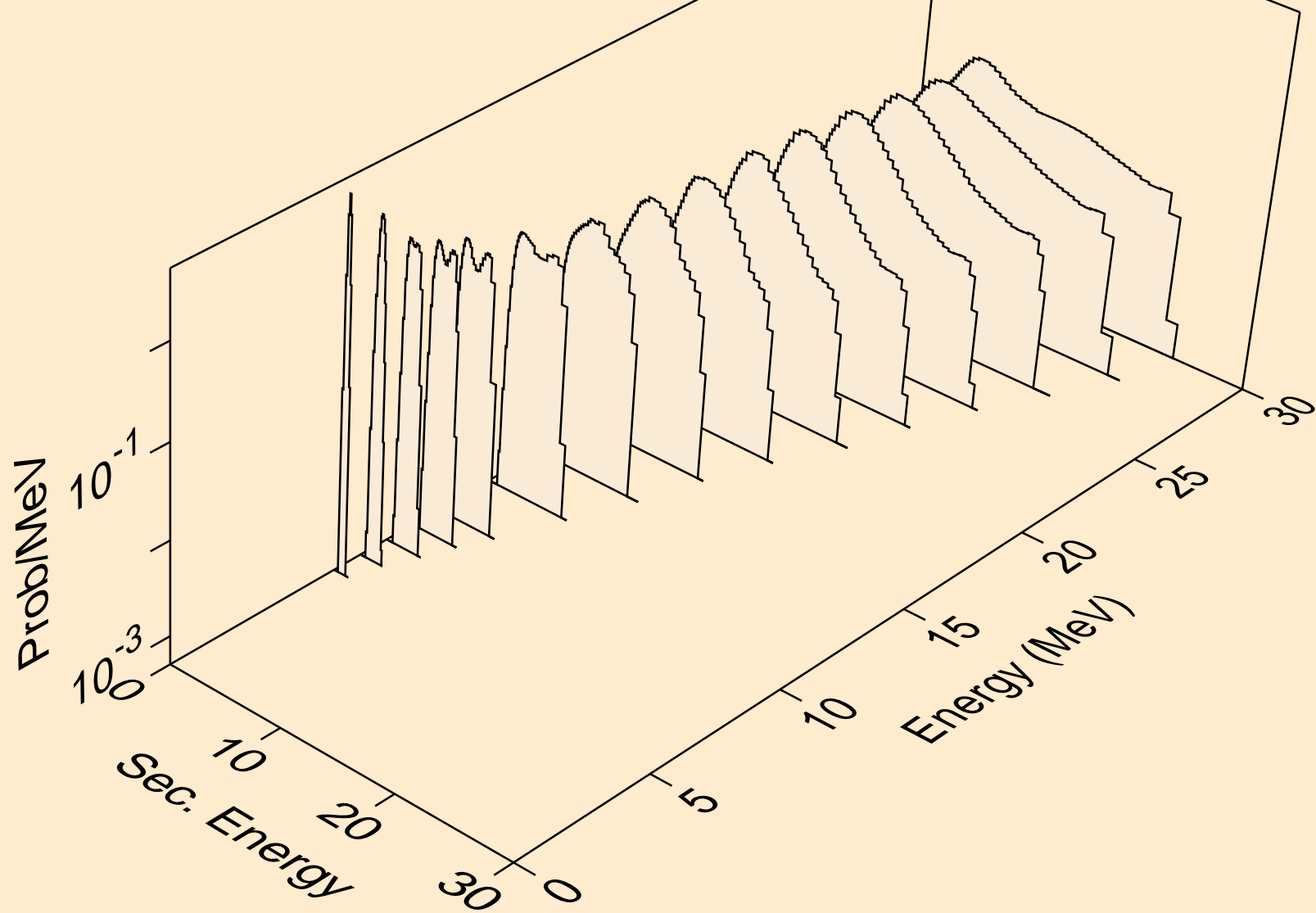
FE053M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,npa)



FE053M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for inelastic

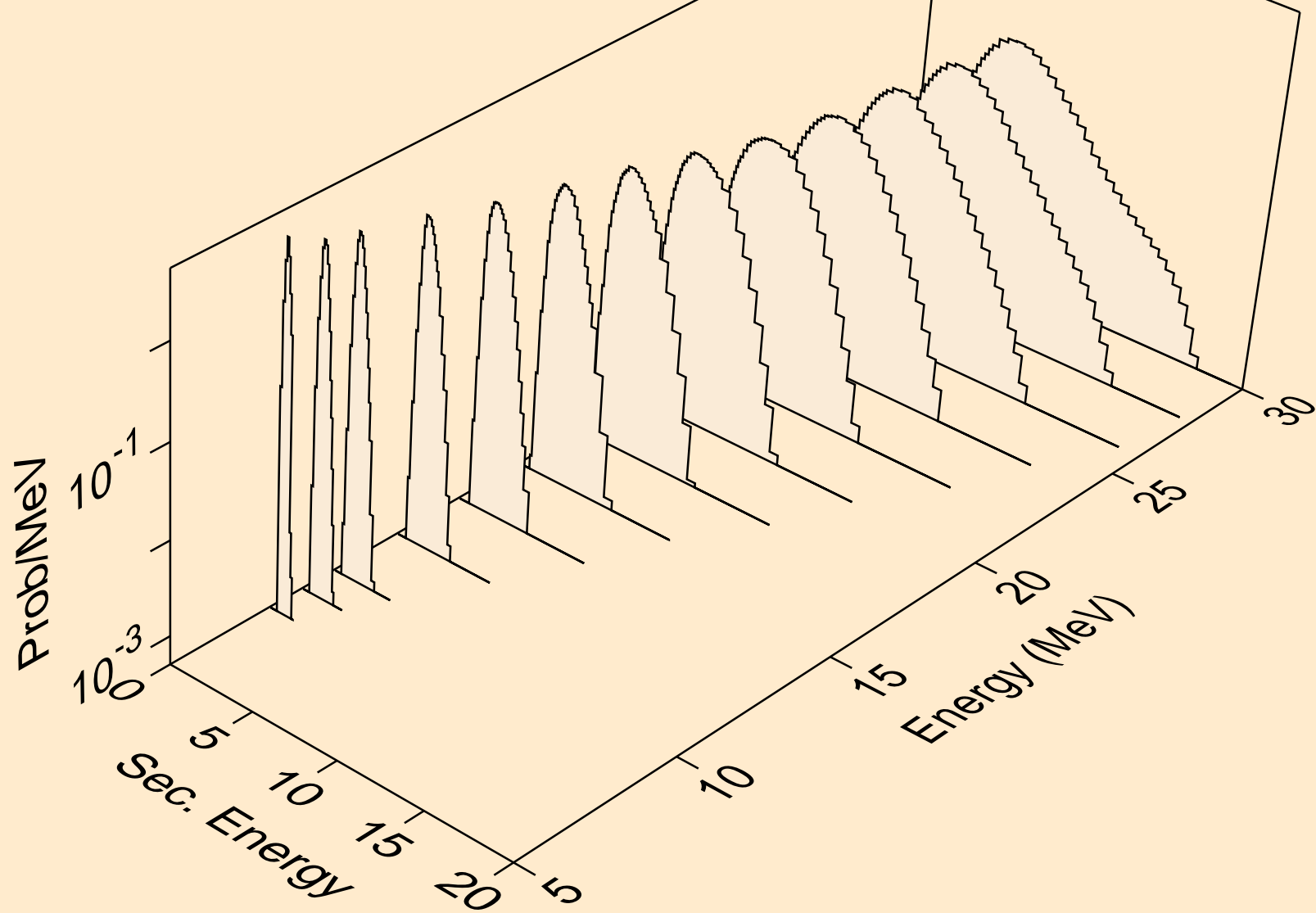


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Proton emission for (p,2p)

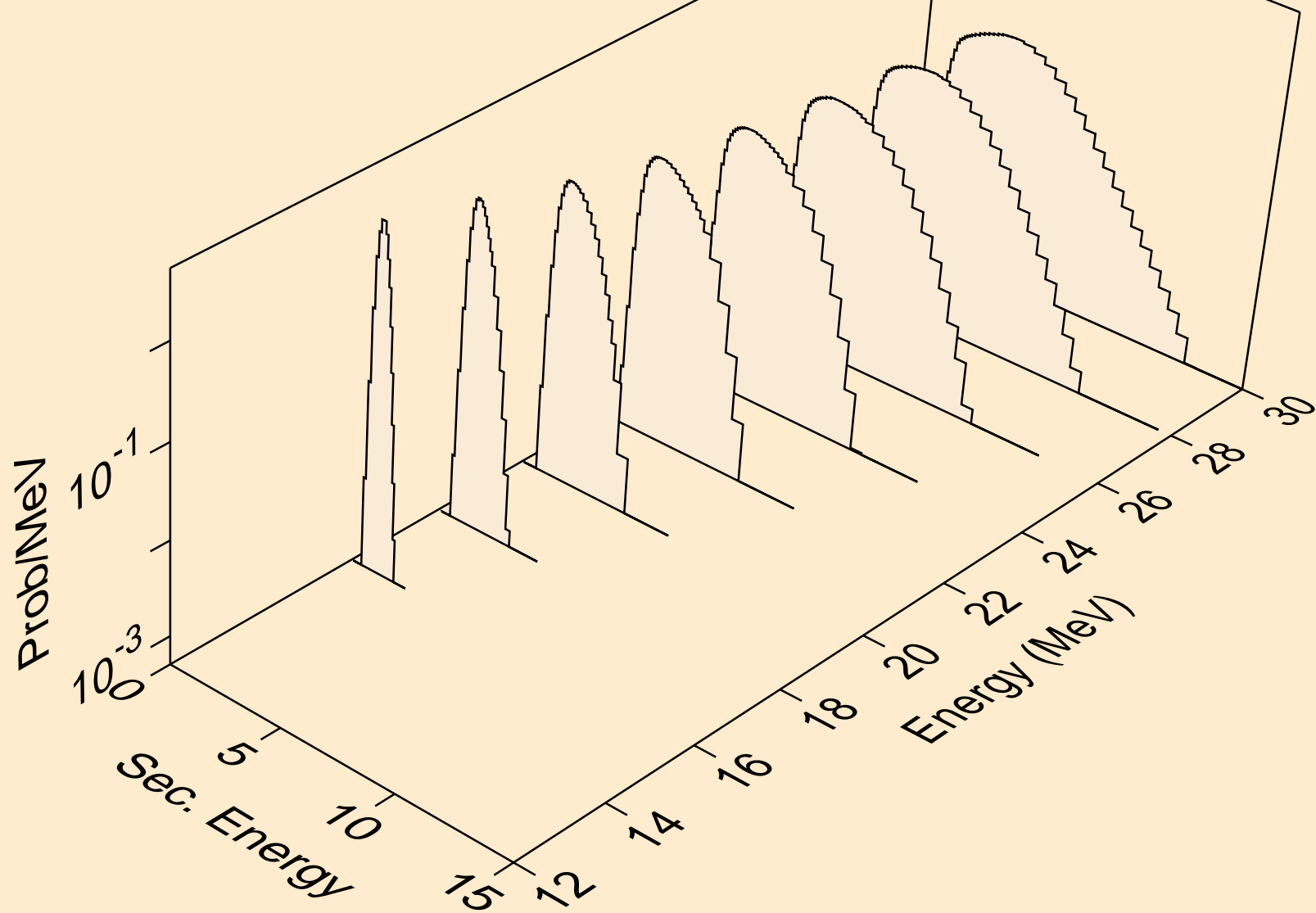




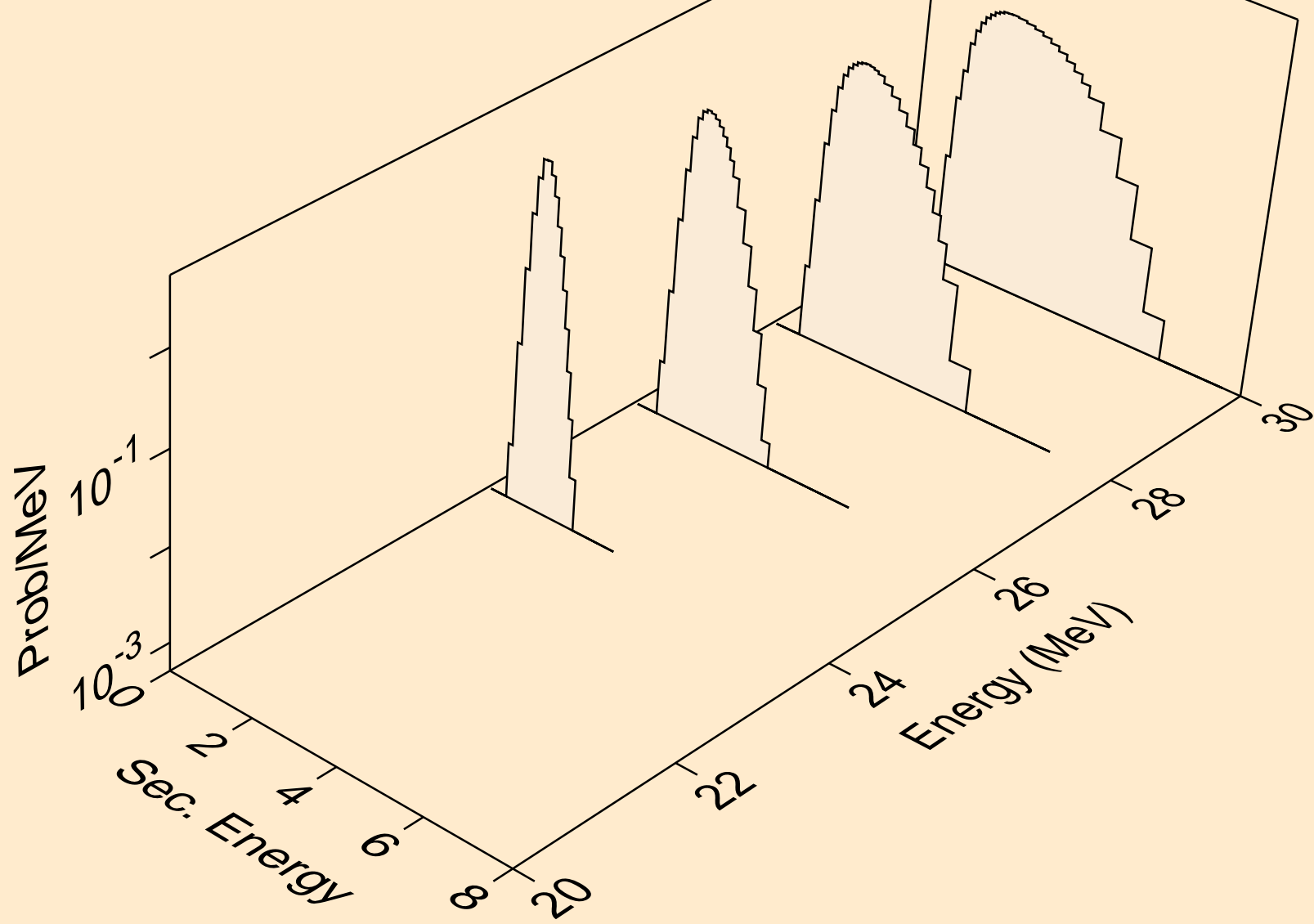
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Proton emission for (p,pa)



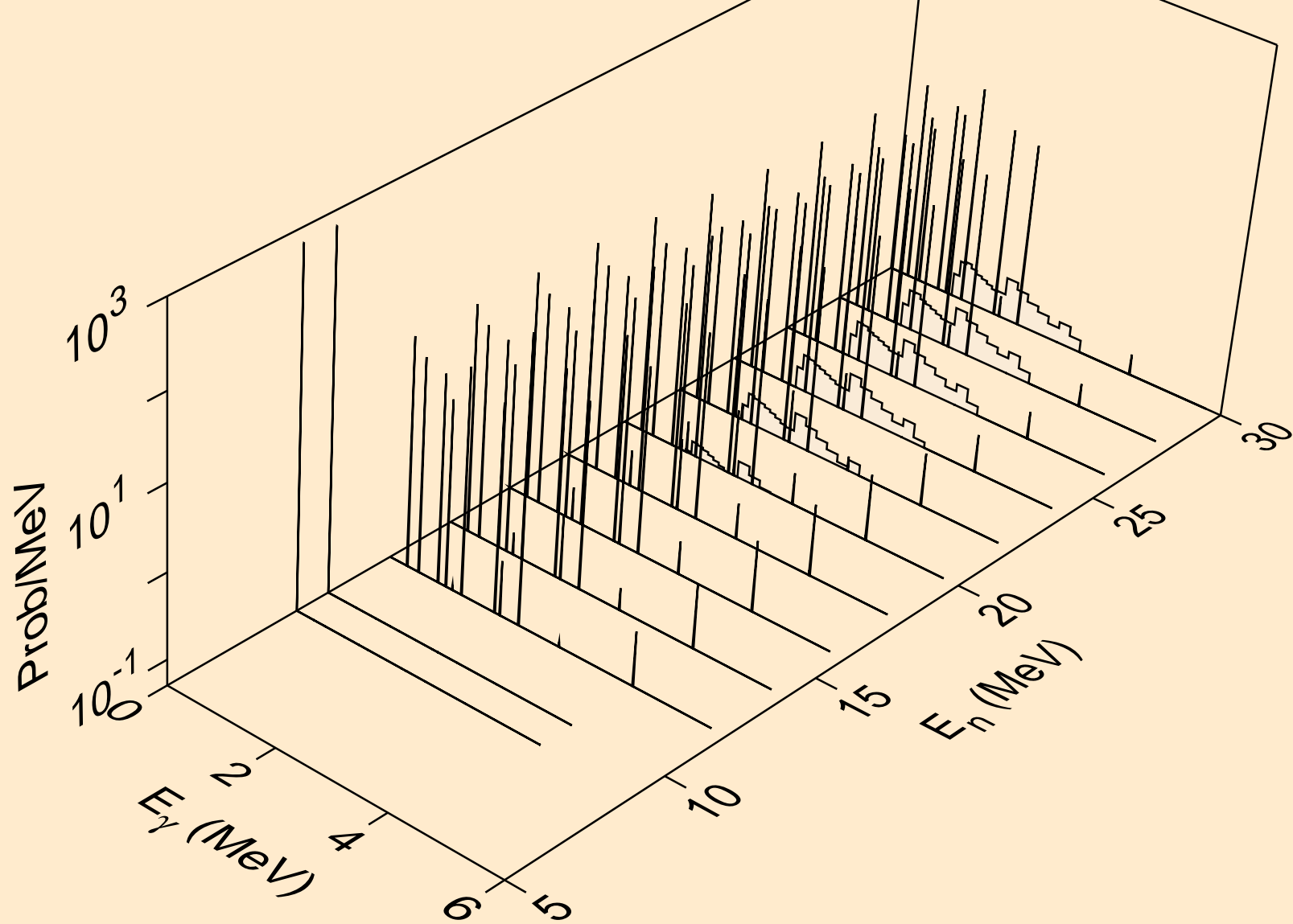
FE053M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,pd)



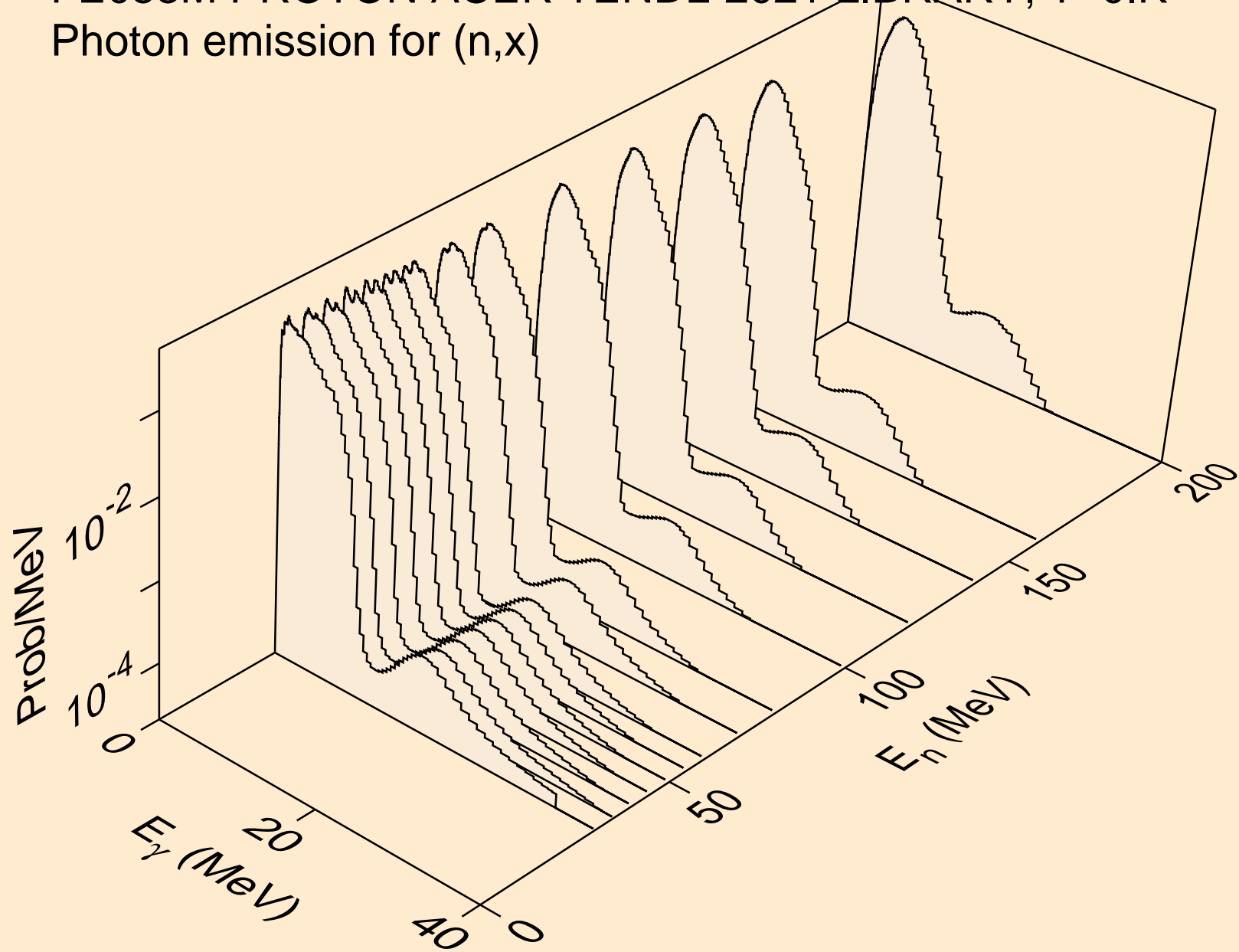
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Proton emission for (p,pt)



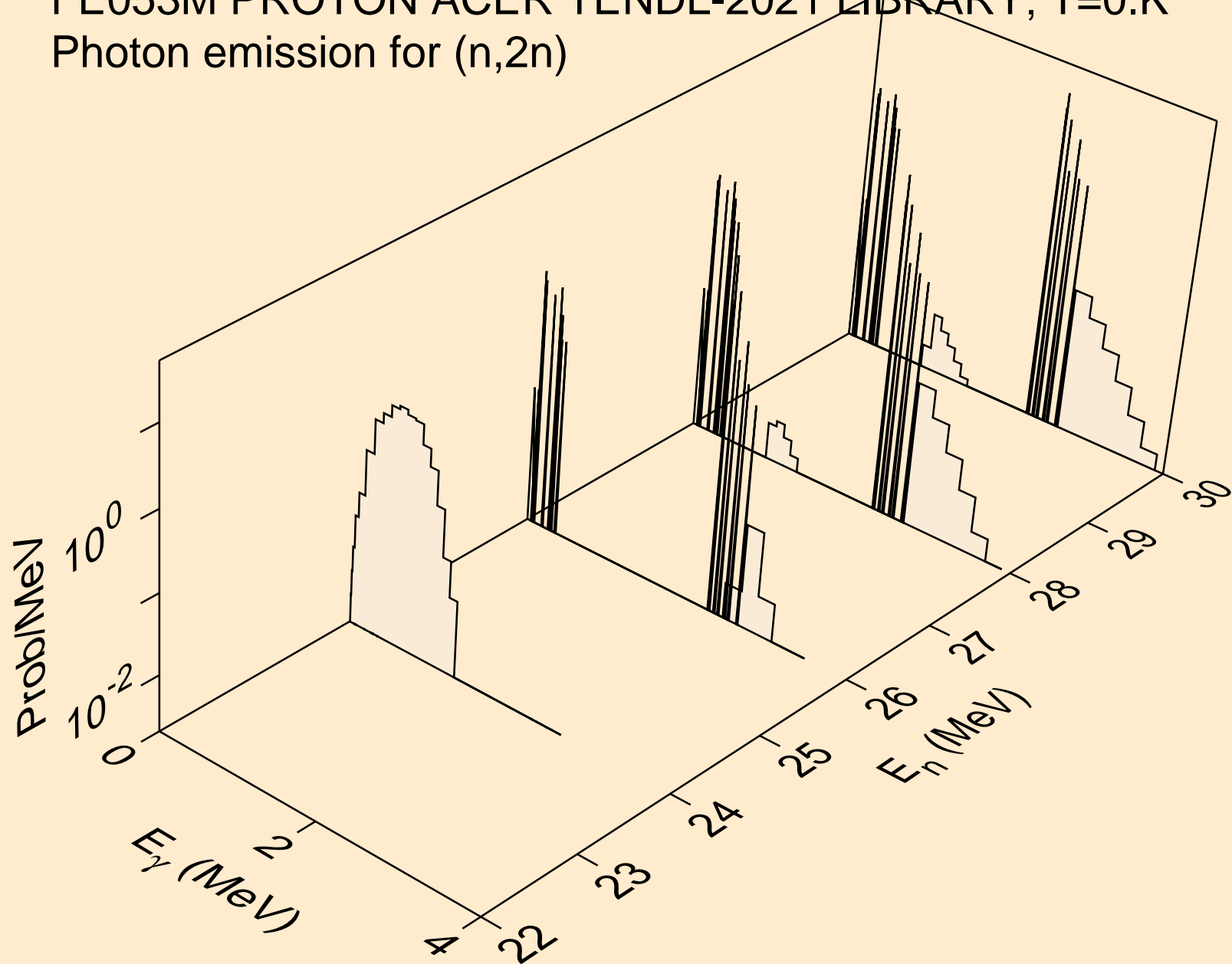
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Photon emission for (z,n)



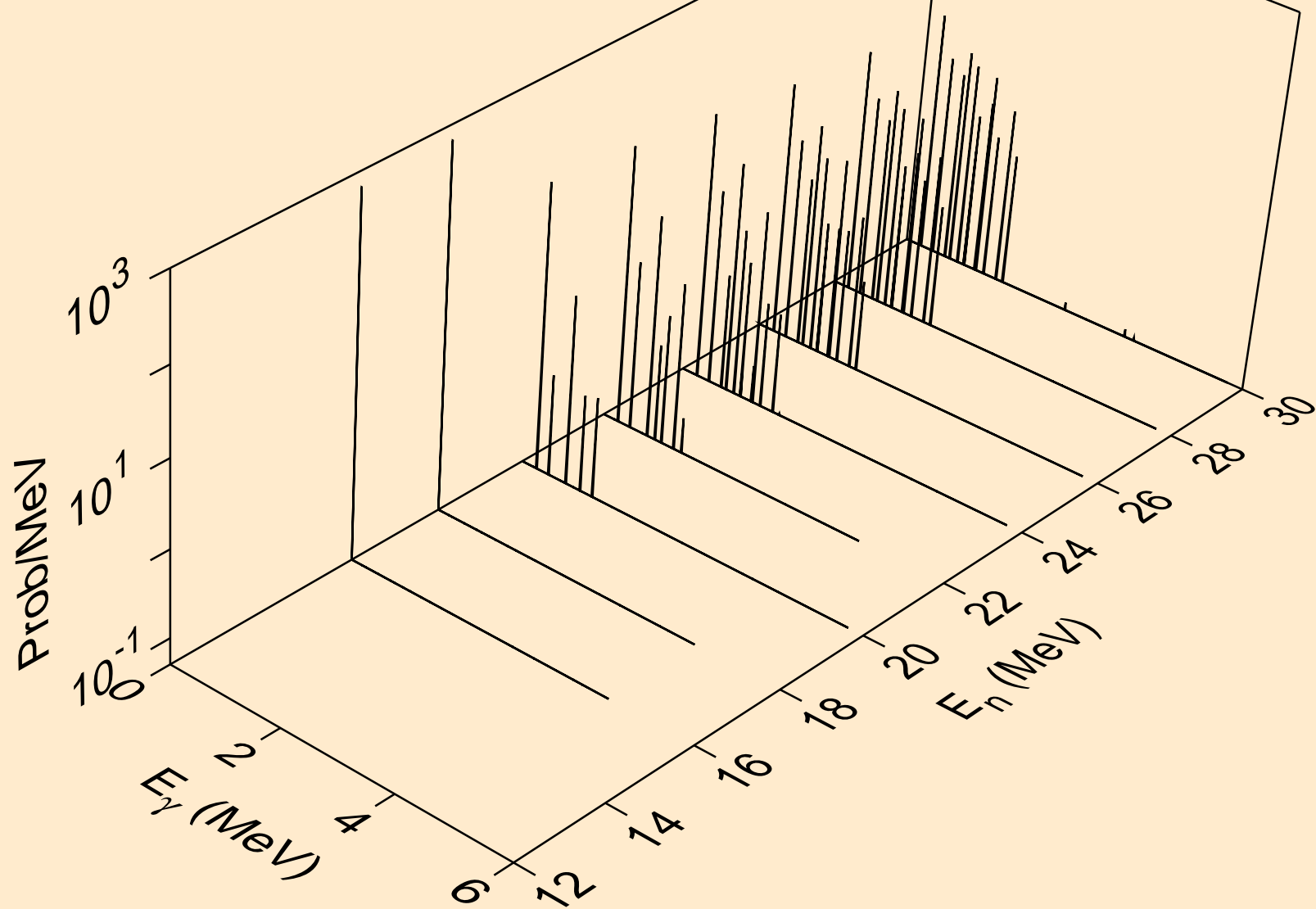
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Photon emission for (n,x)



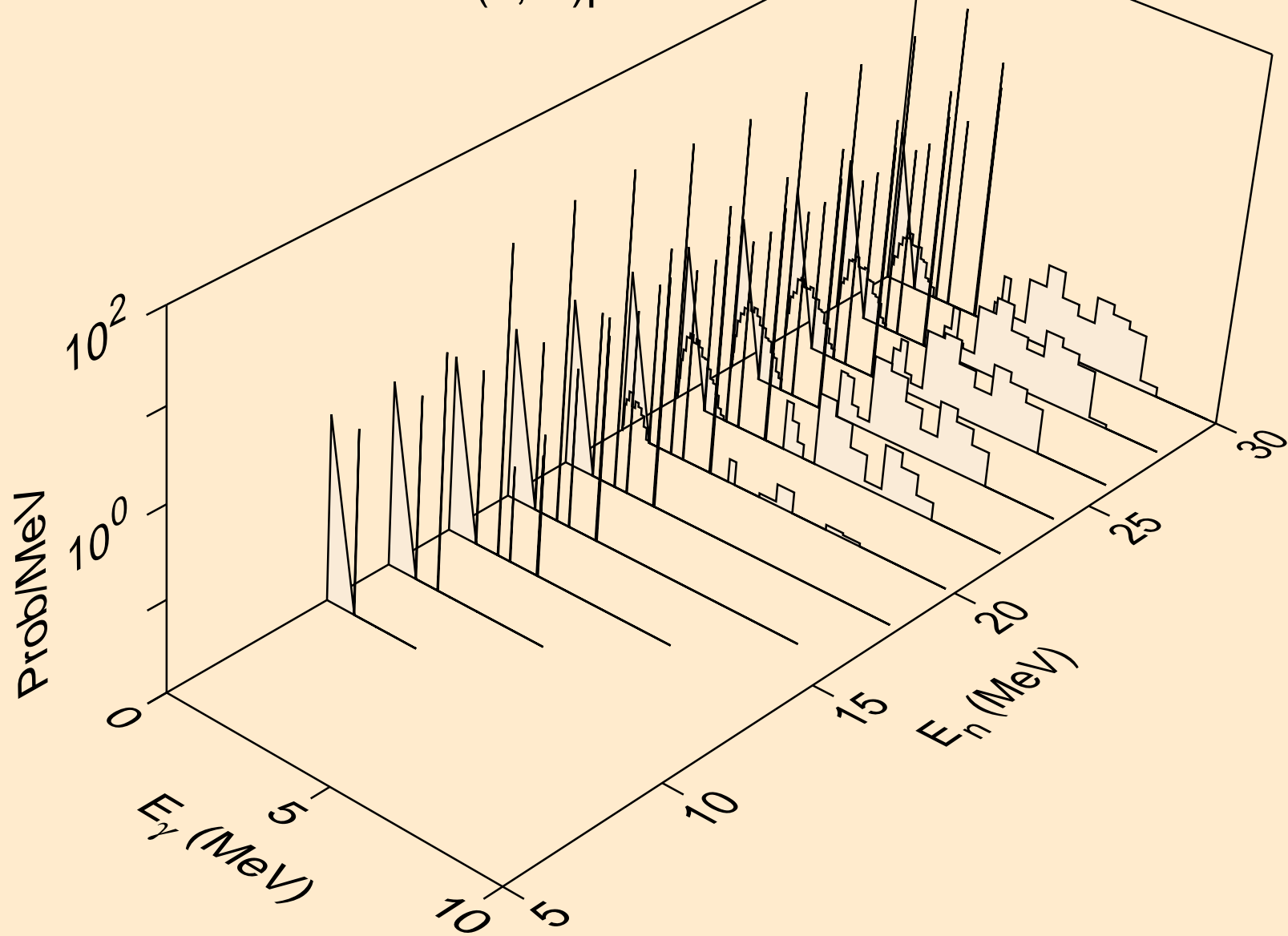
FE053M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



FE053M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

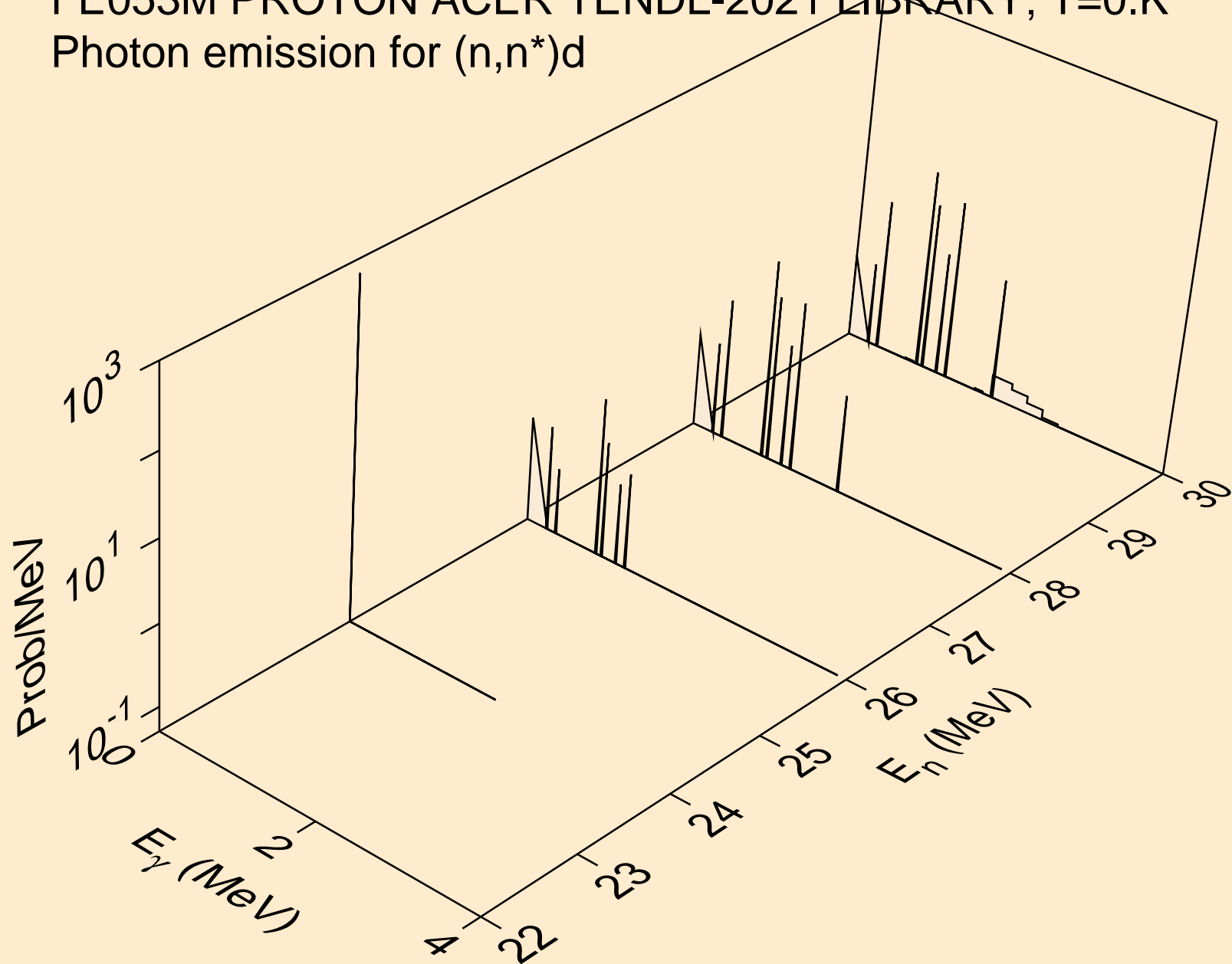


FE053M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

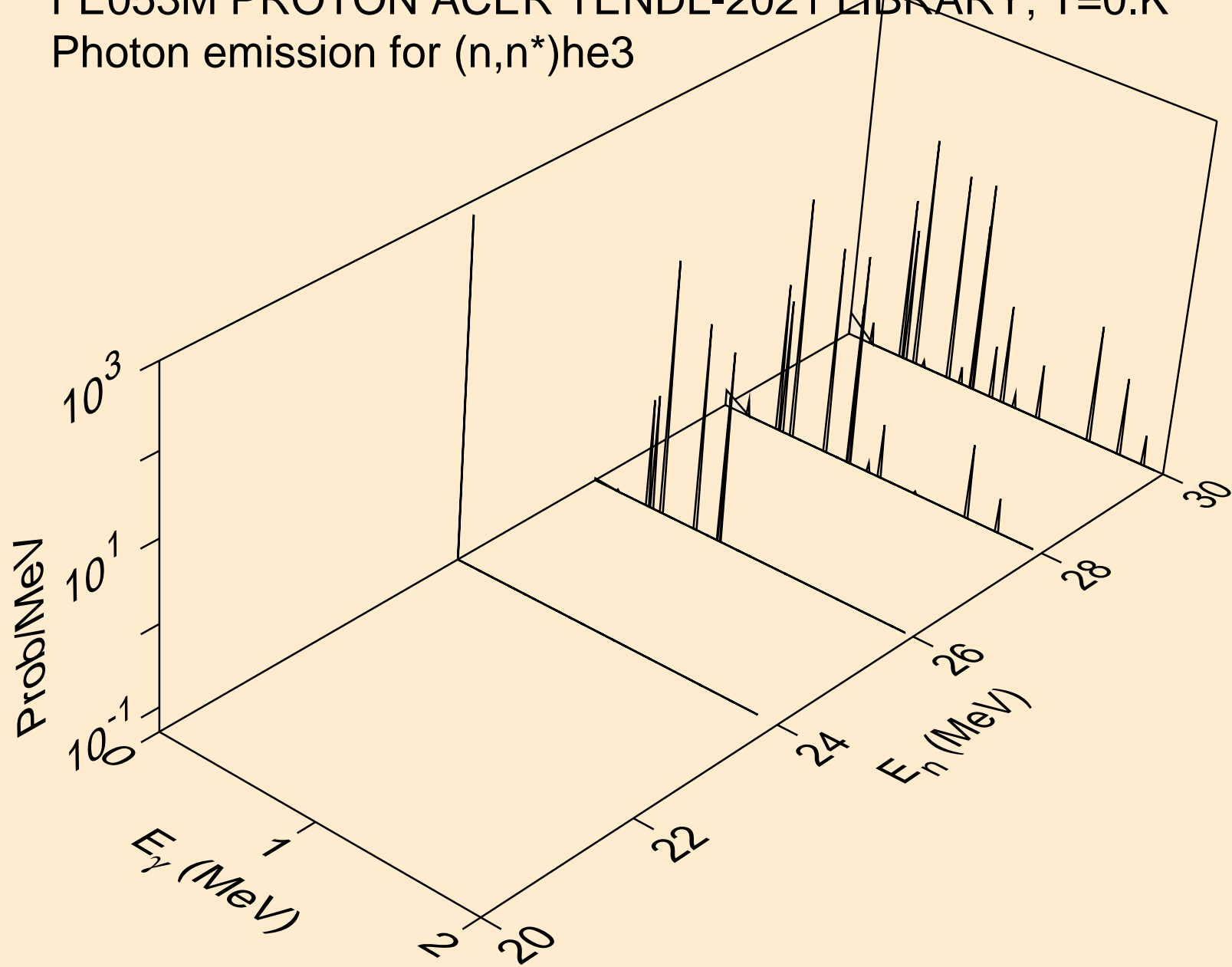




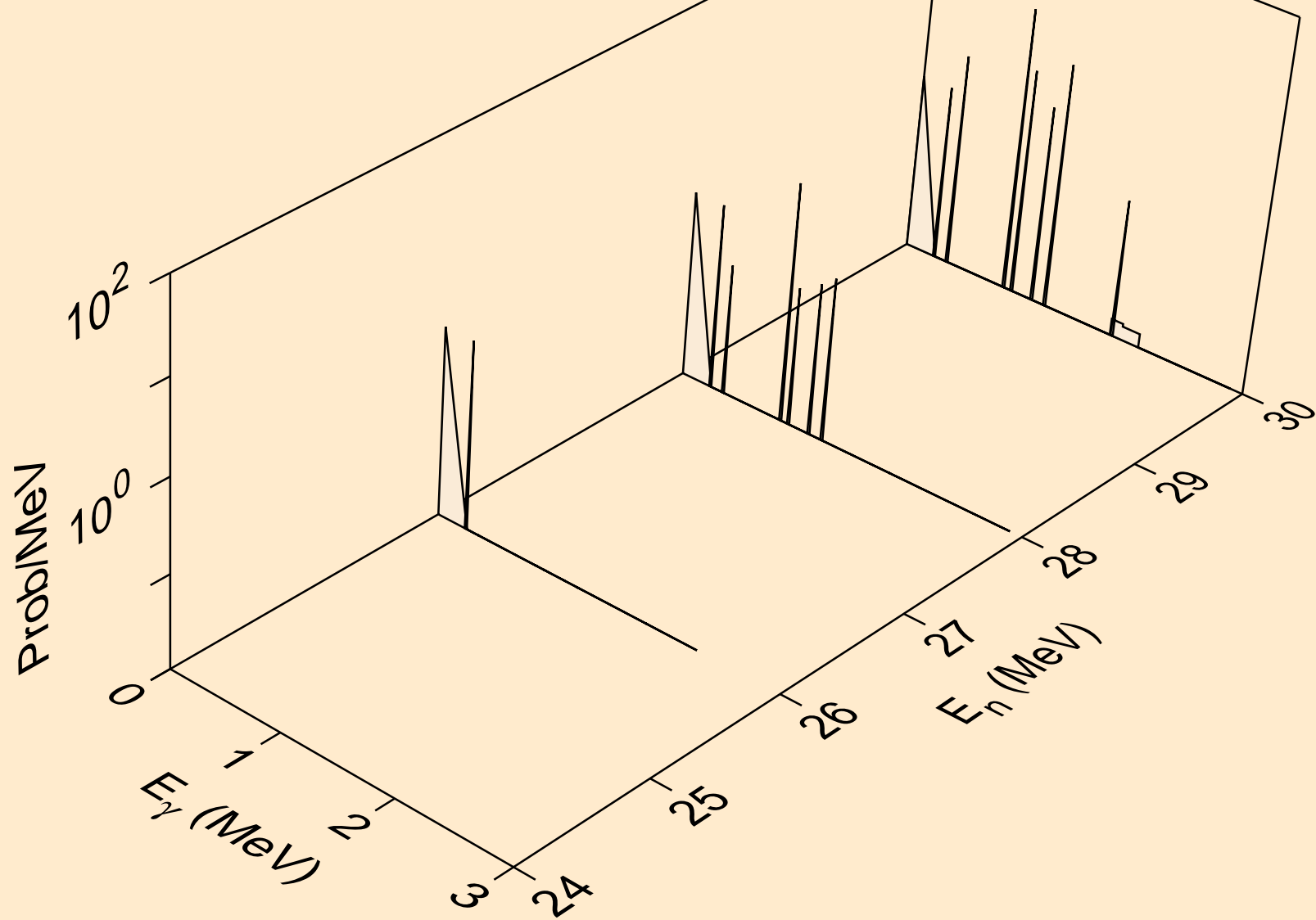
FE053M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



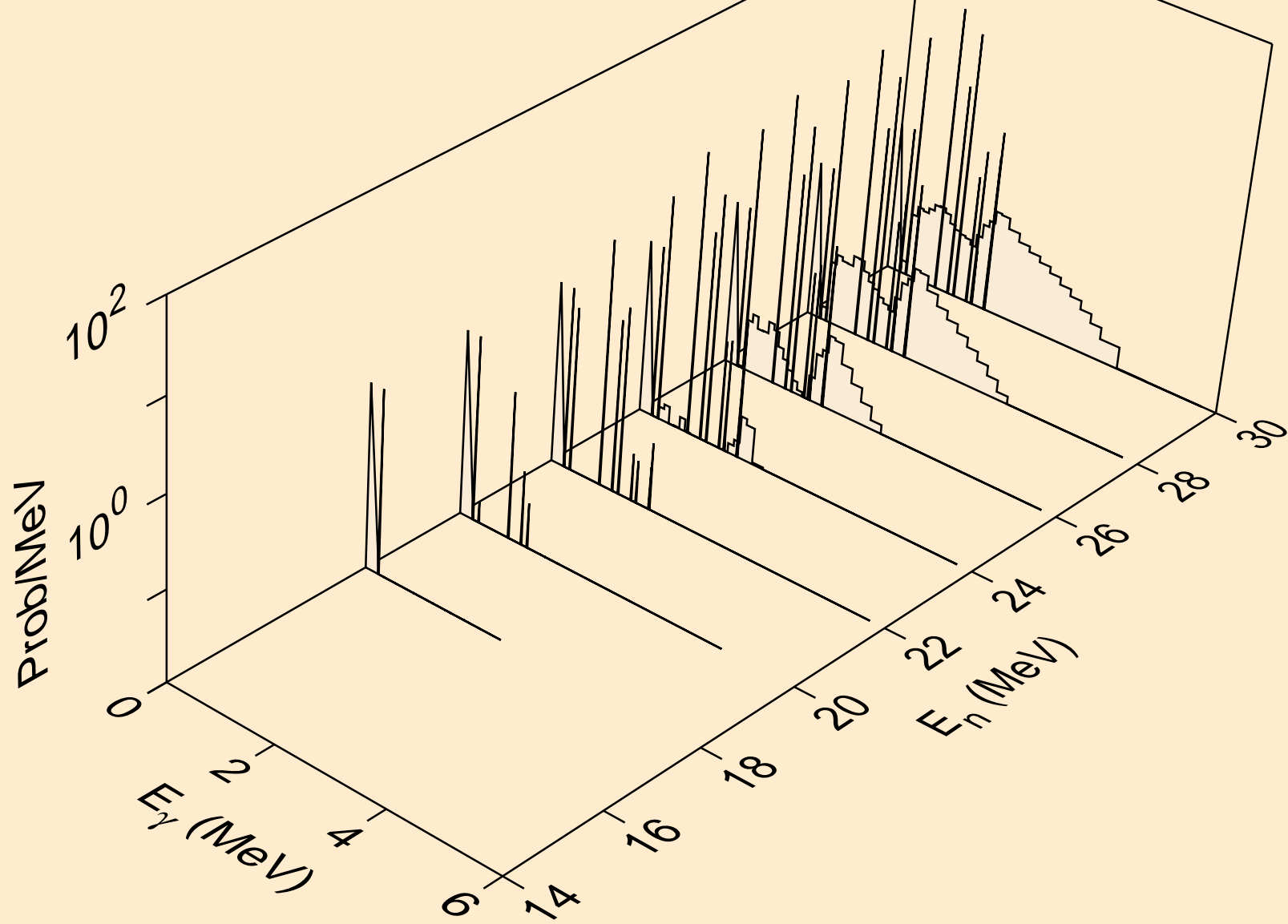
FE053M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



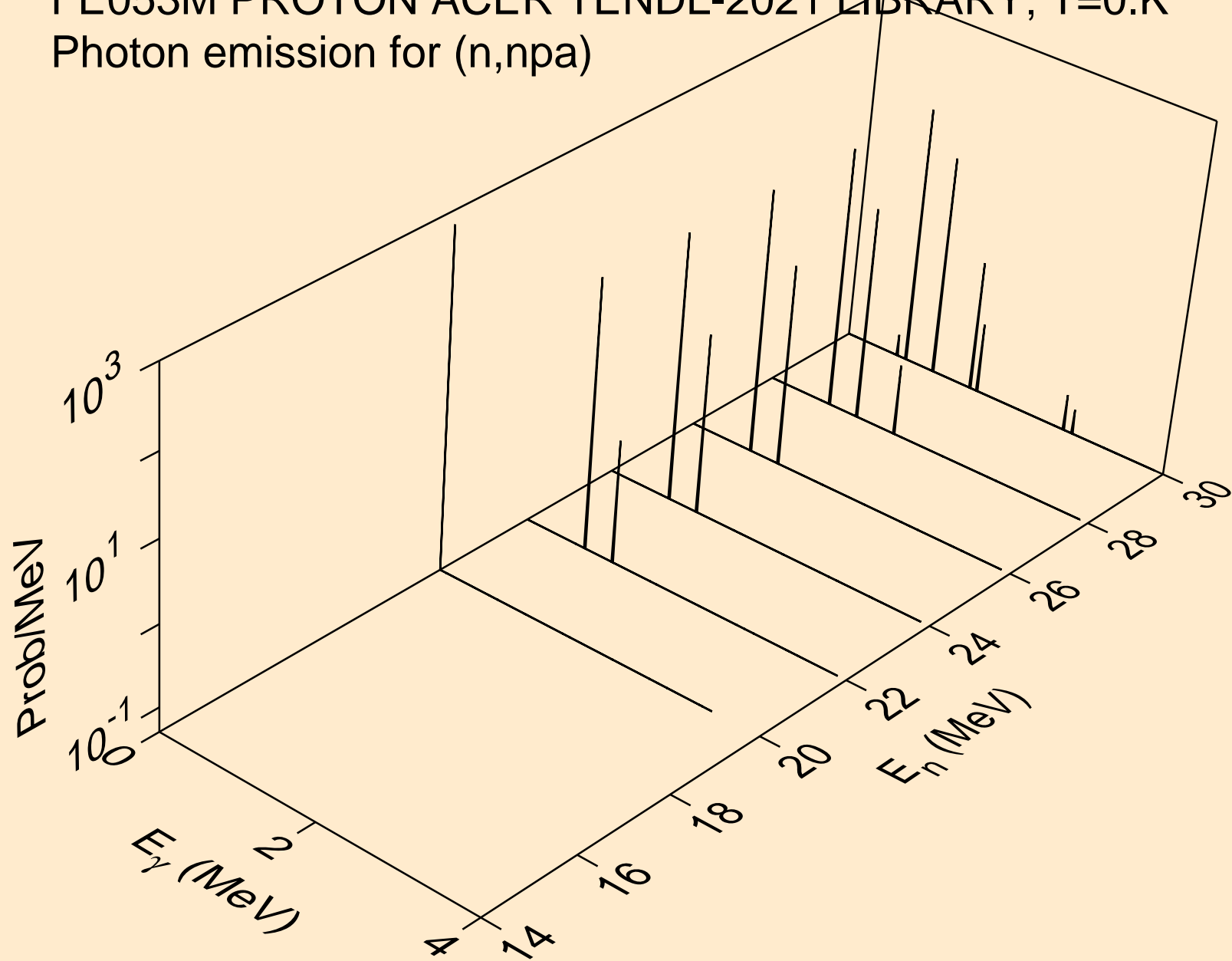
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Photon emission for (n,2np)



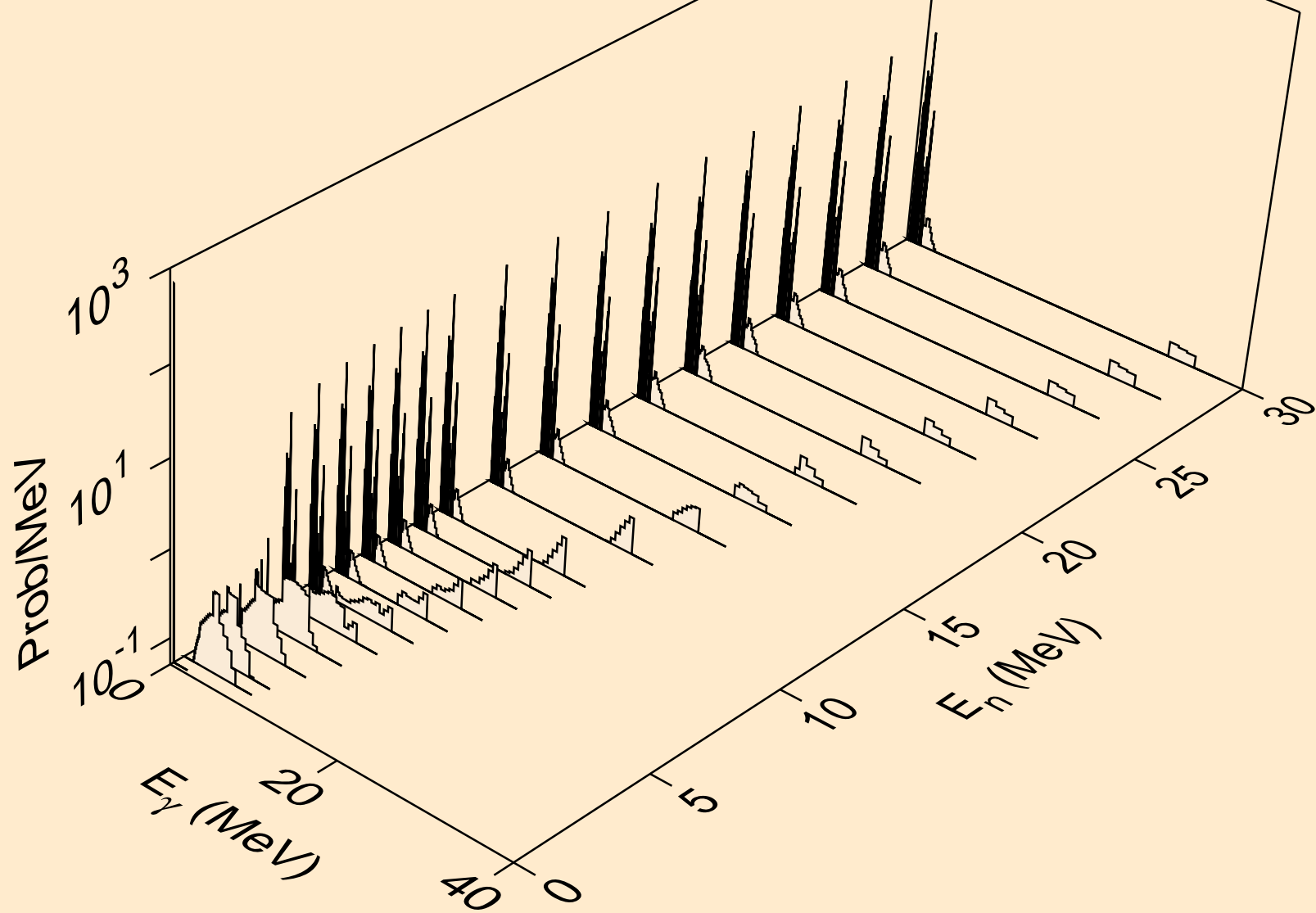
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Photon emission for (n,2np)



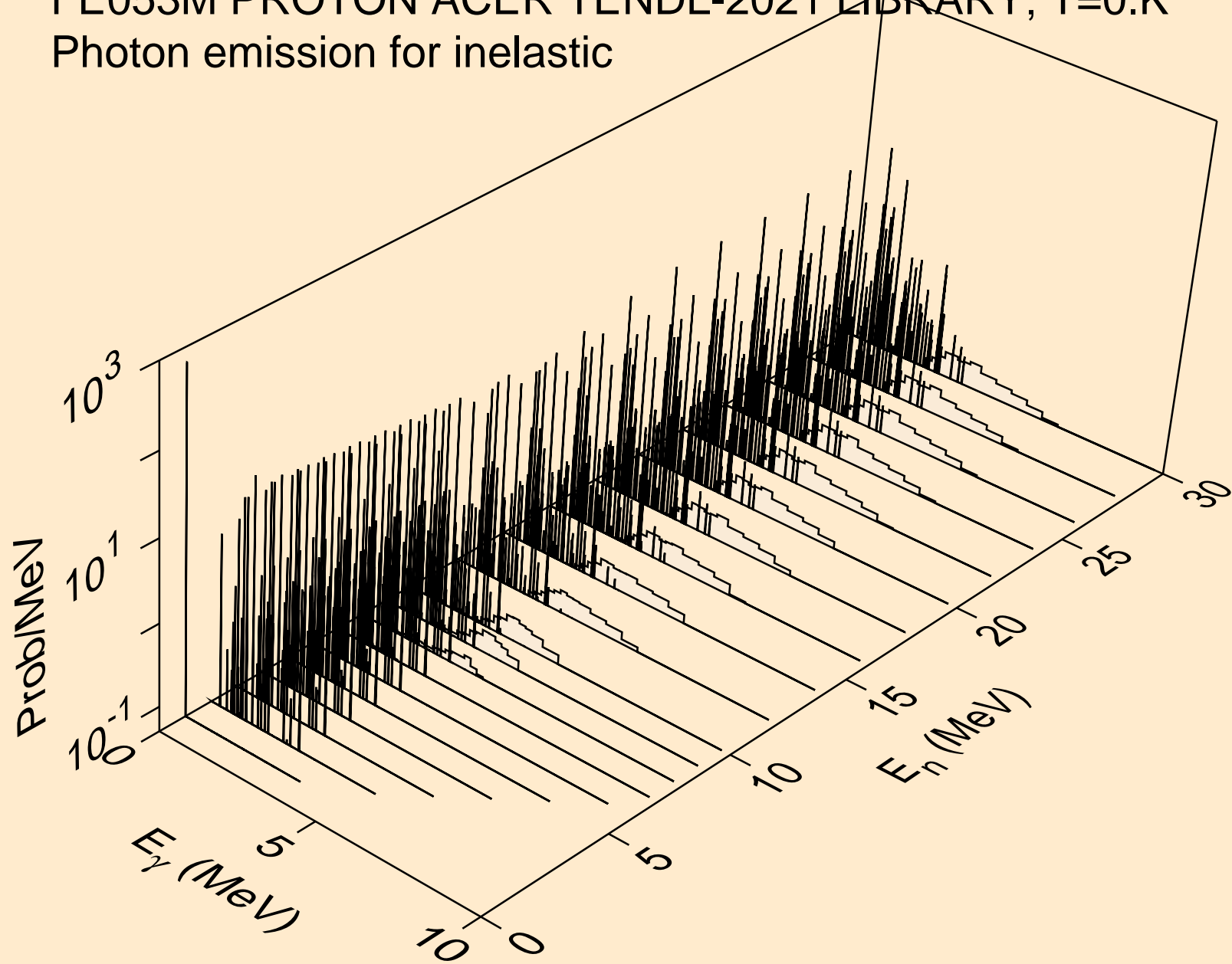
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Photon emission for (n,npa)



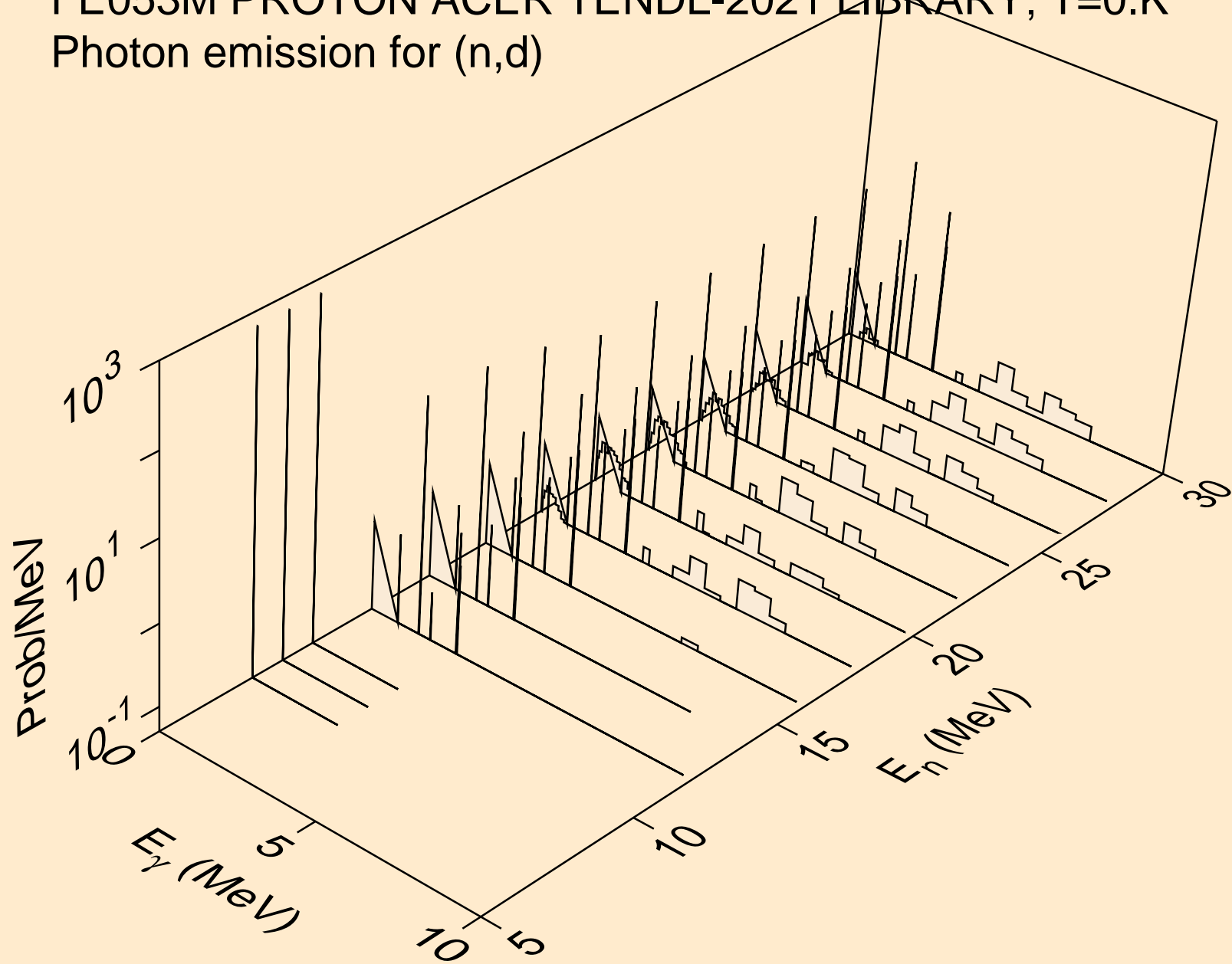
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Photon emission for (n,gma)



FE053M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic

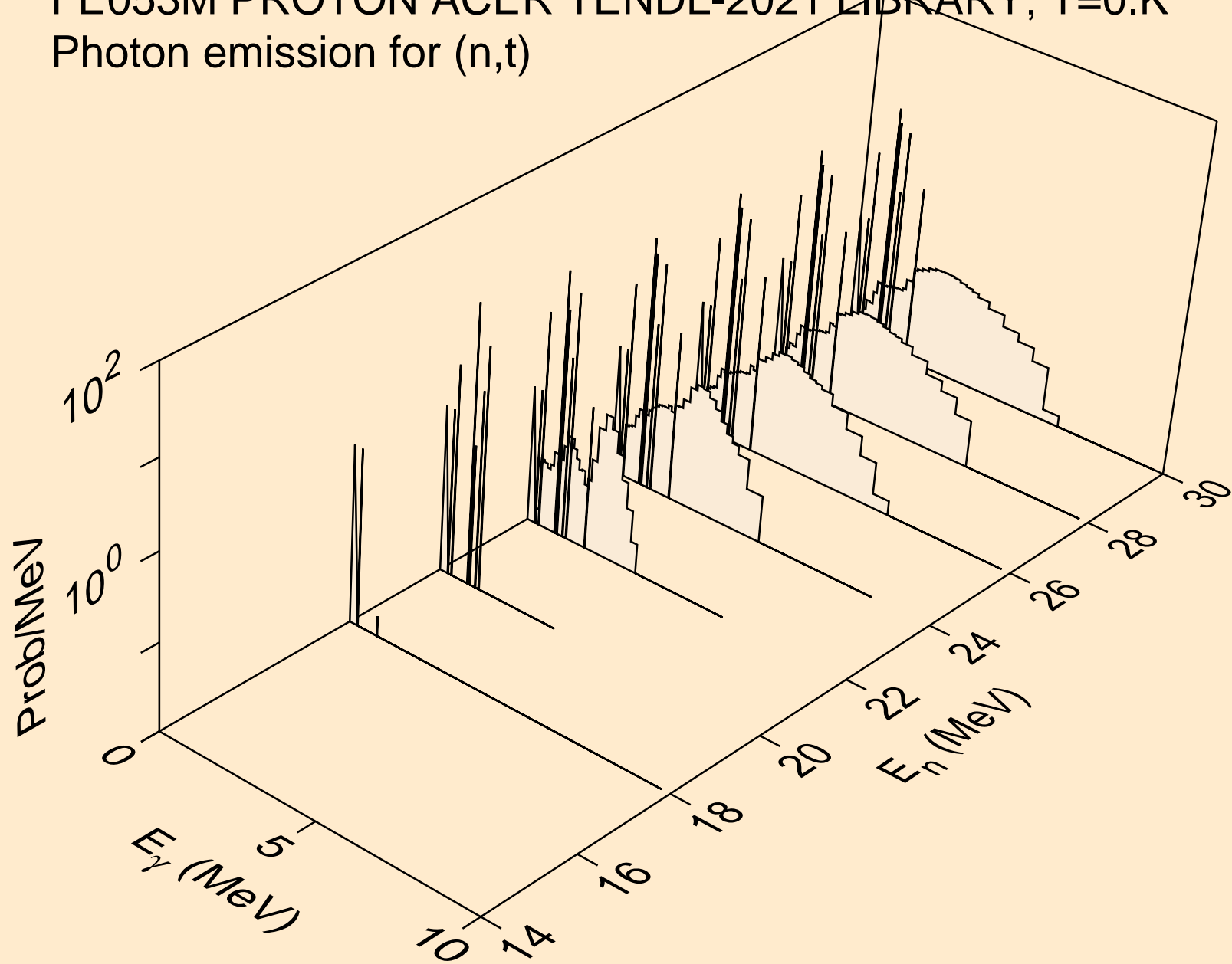


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Photon emission for (n,d)

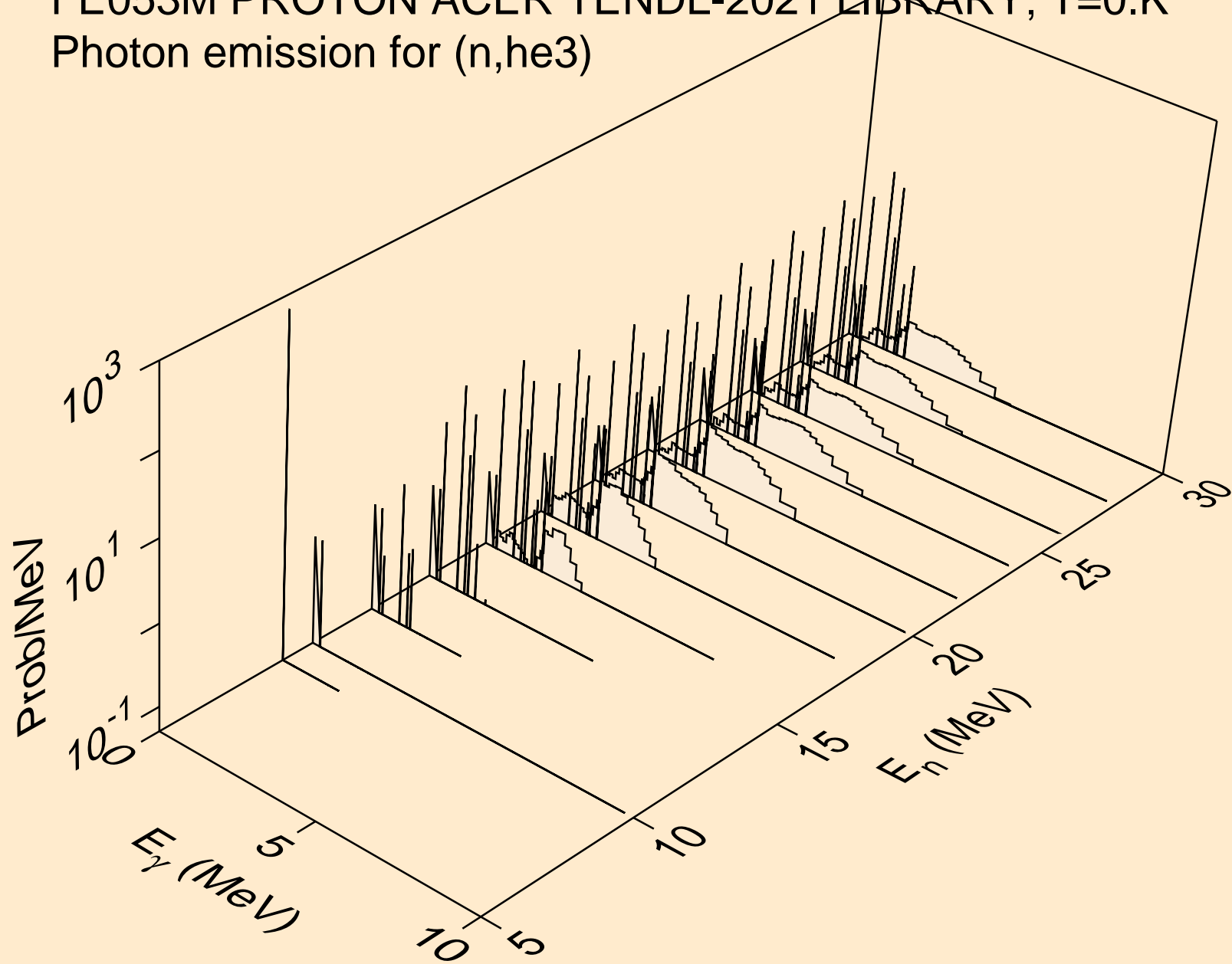




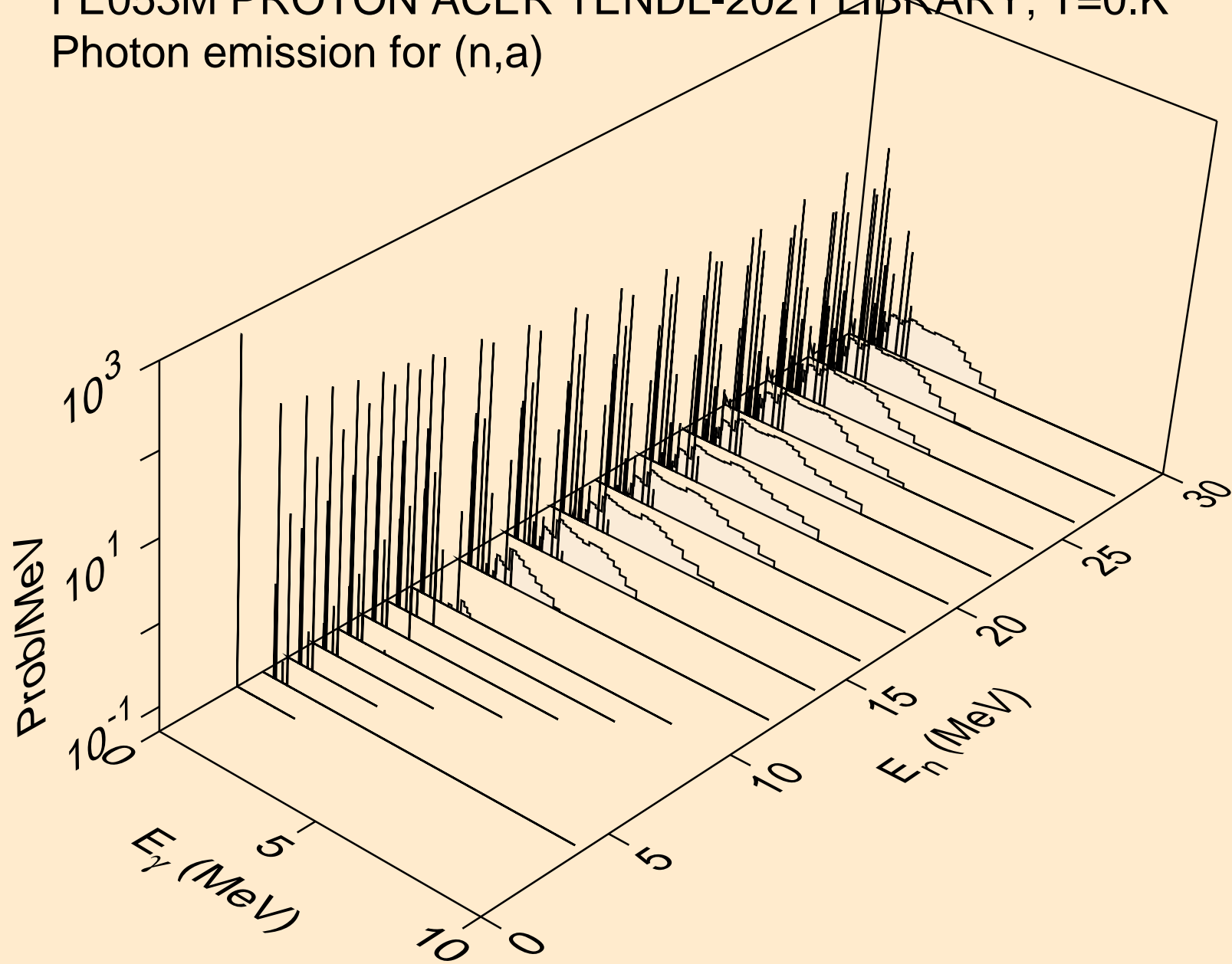
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Photon emission for (n,t)



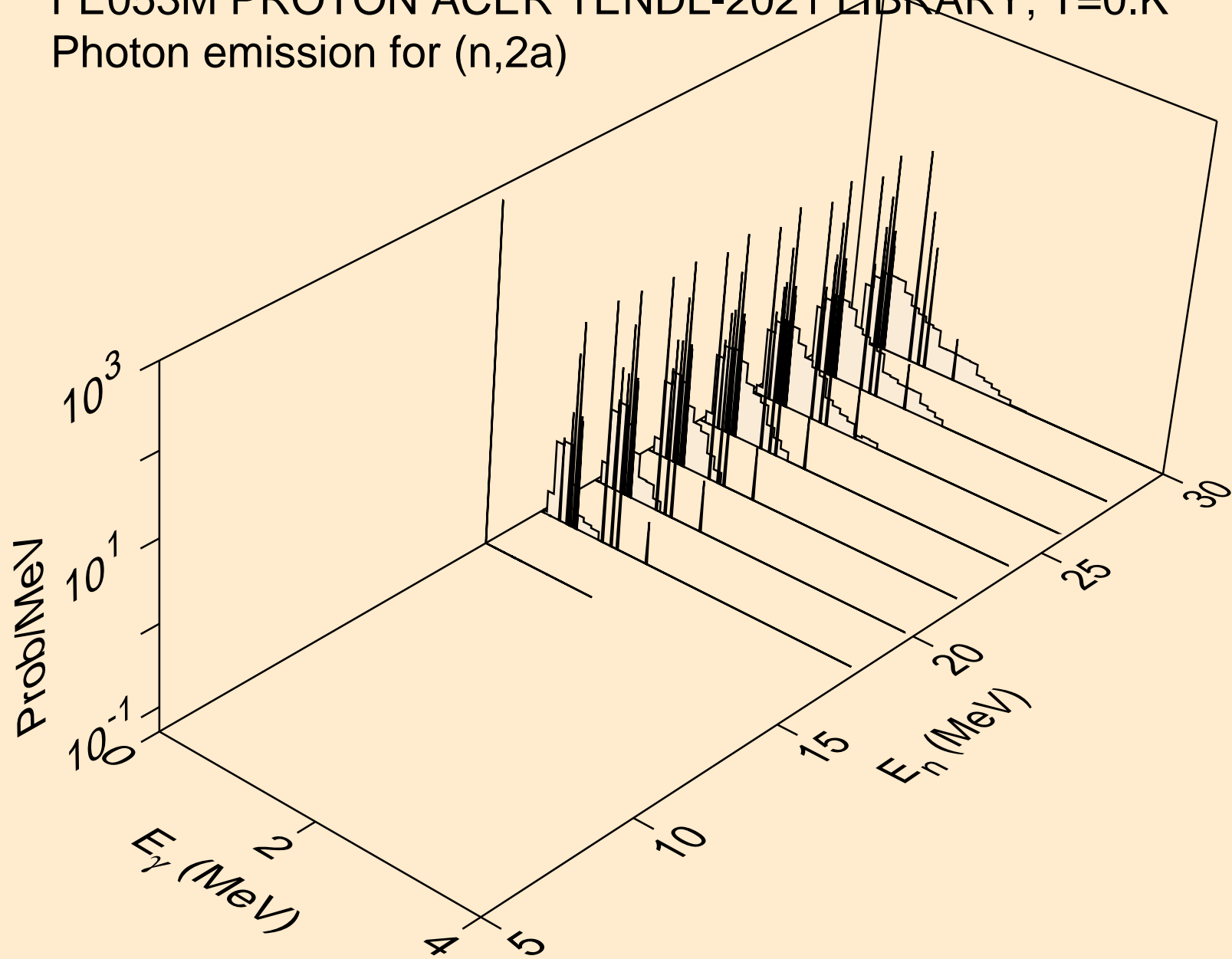
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Photon emission for (n,he3)



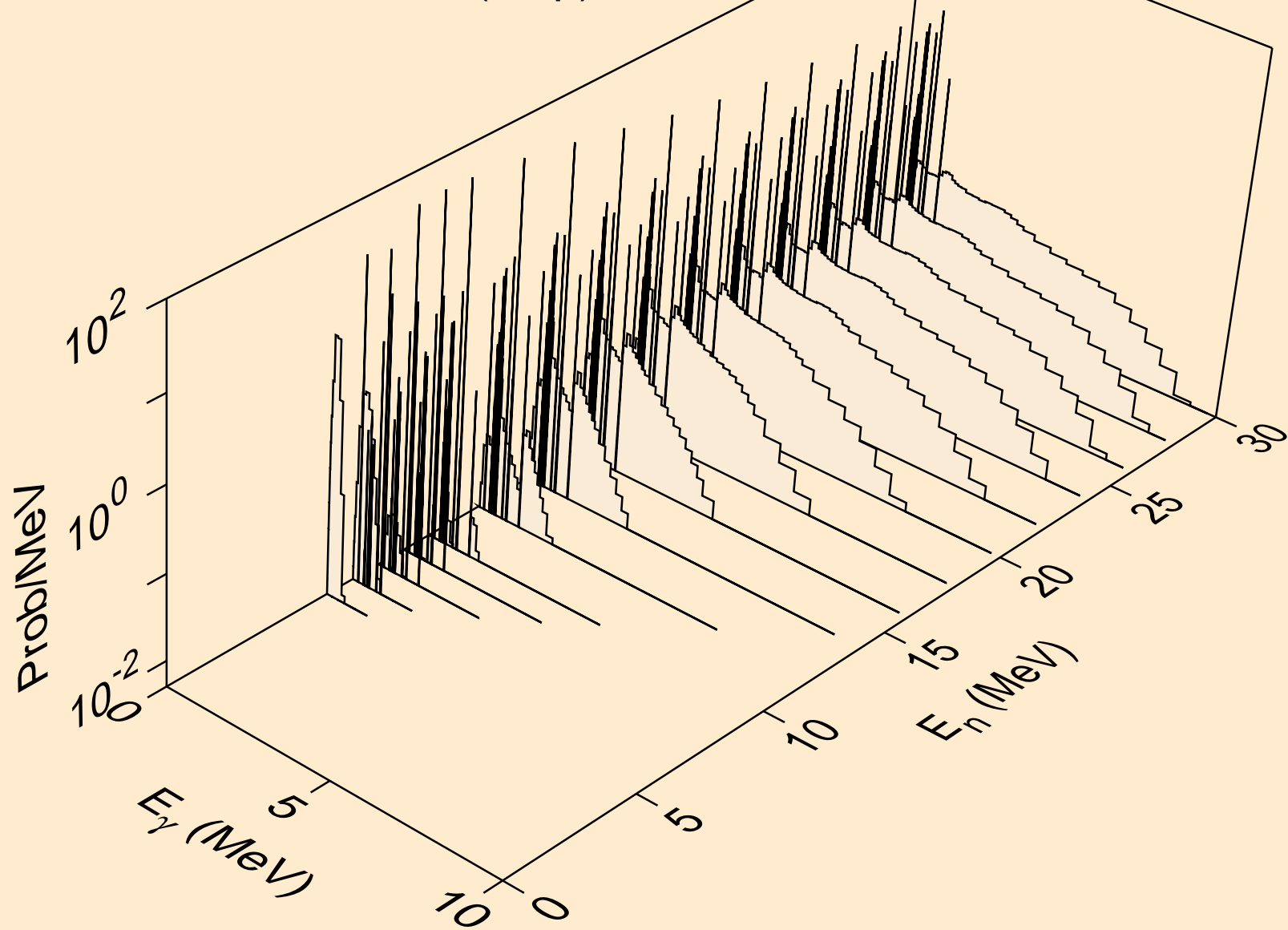
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Photon emission for (n,a)



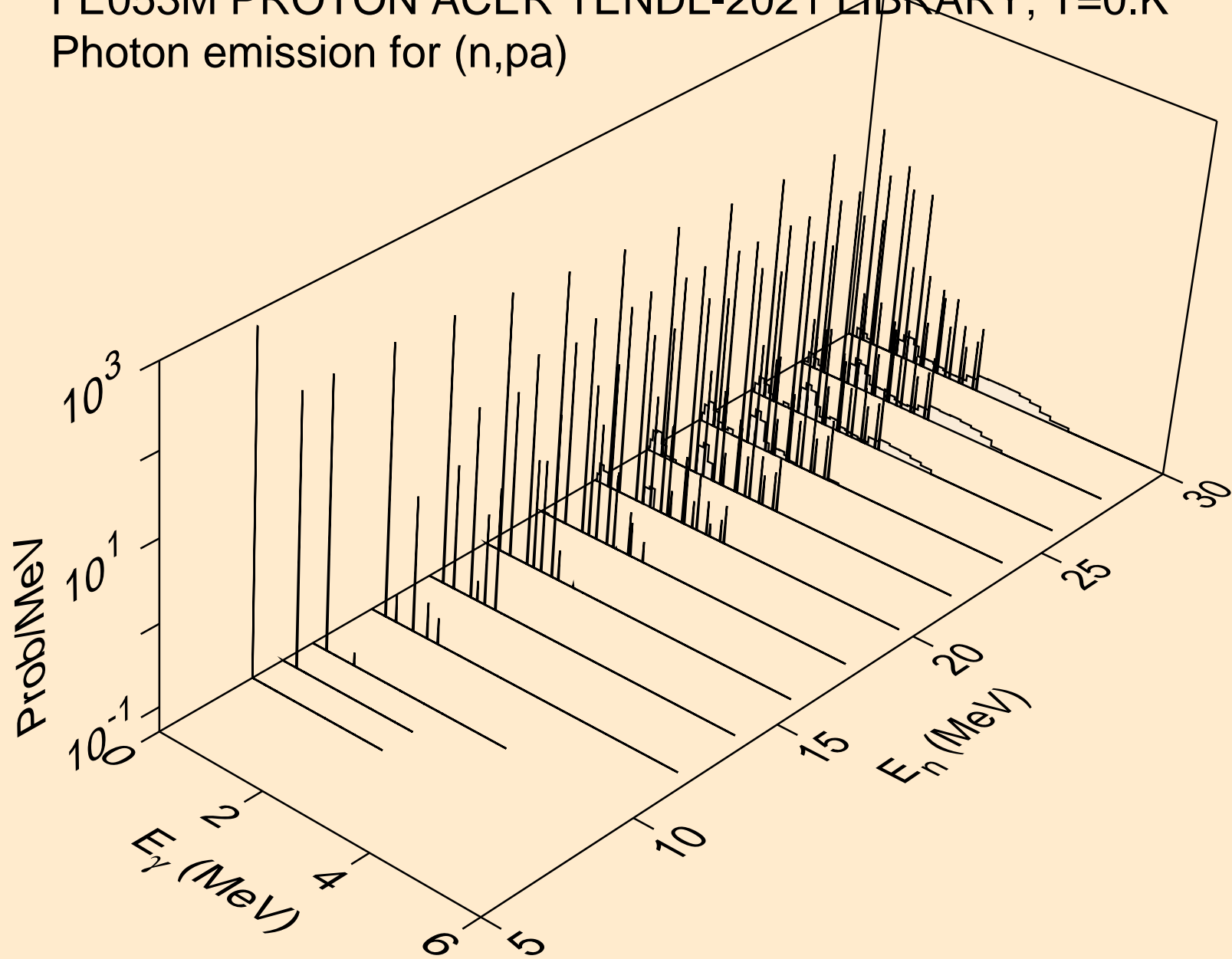
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Photon emission for (n,2a)



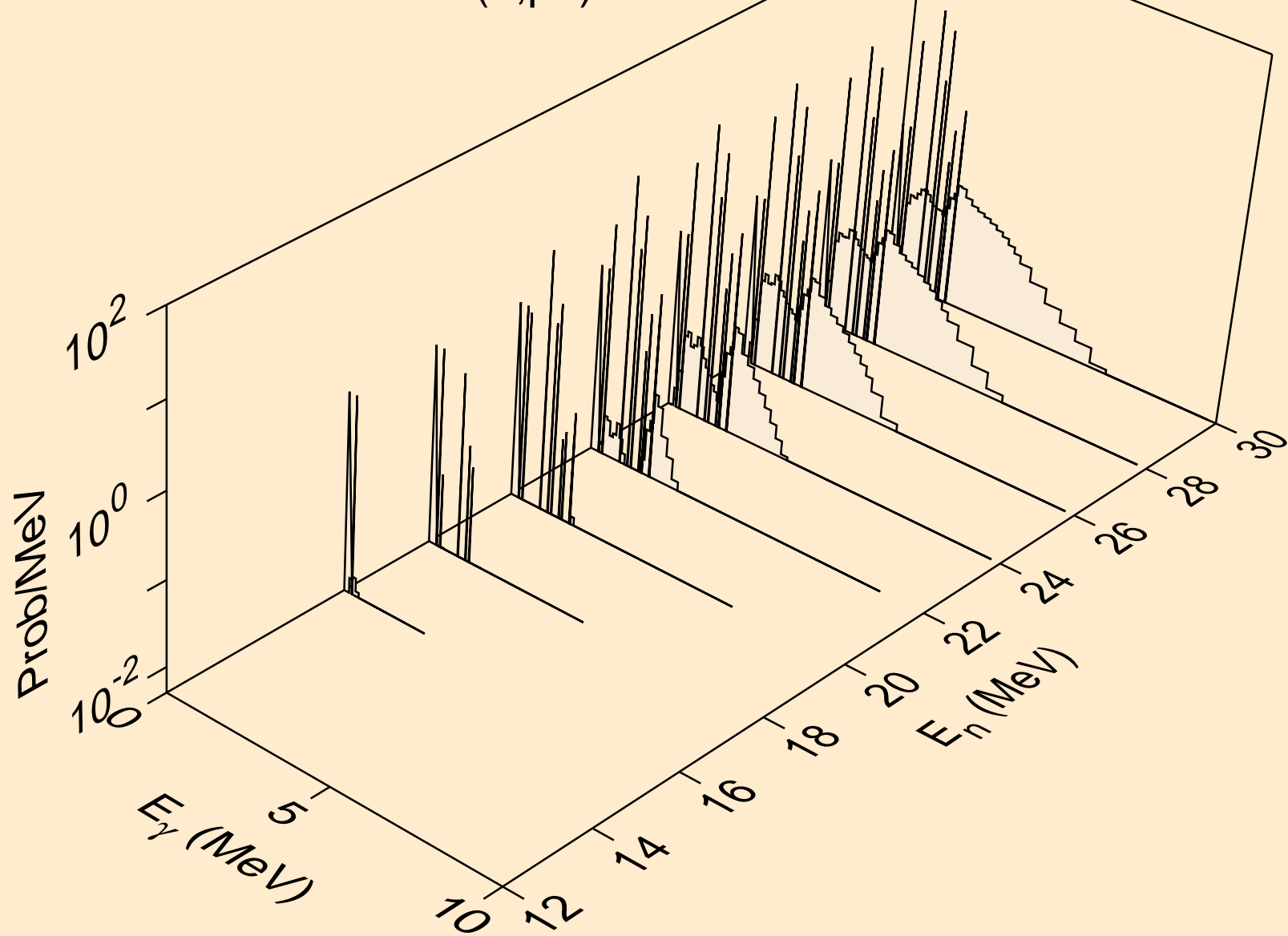
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Photon emission for (n,2p)



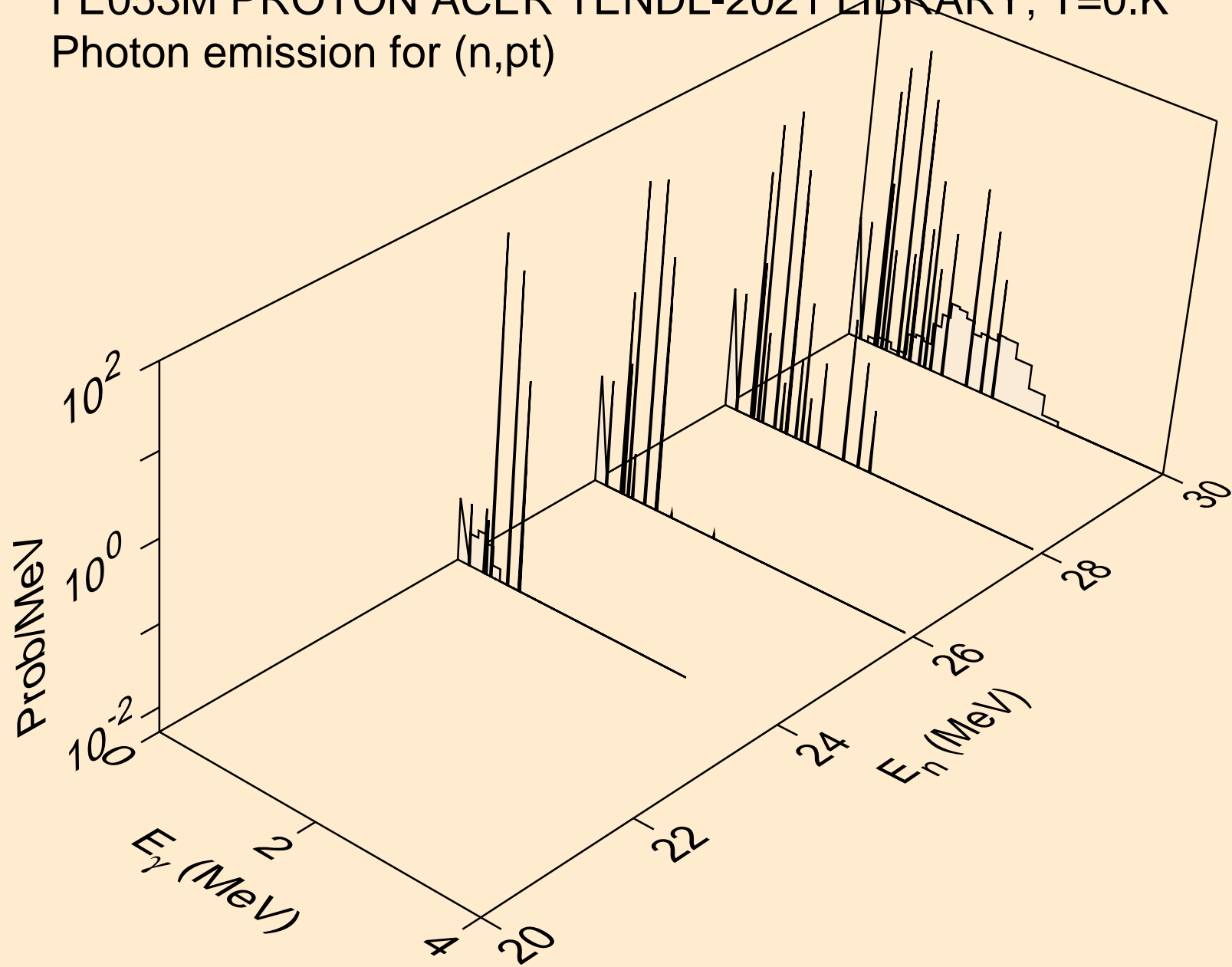
FE053M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pa)



FE053M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)

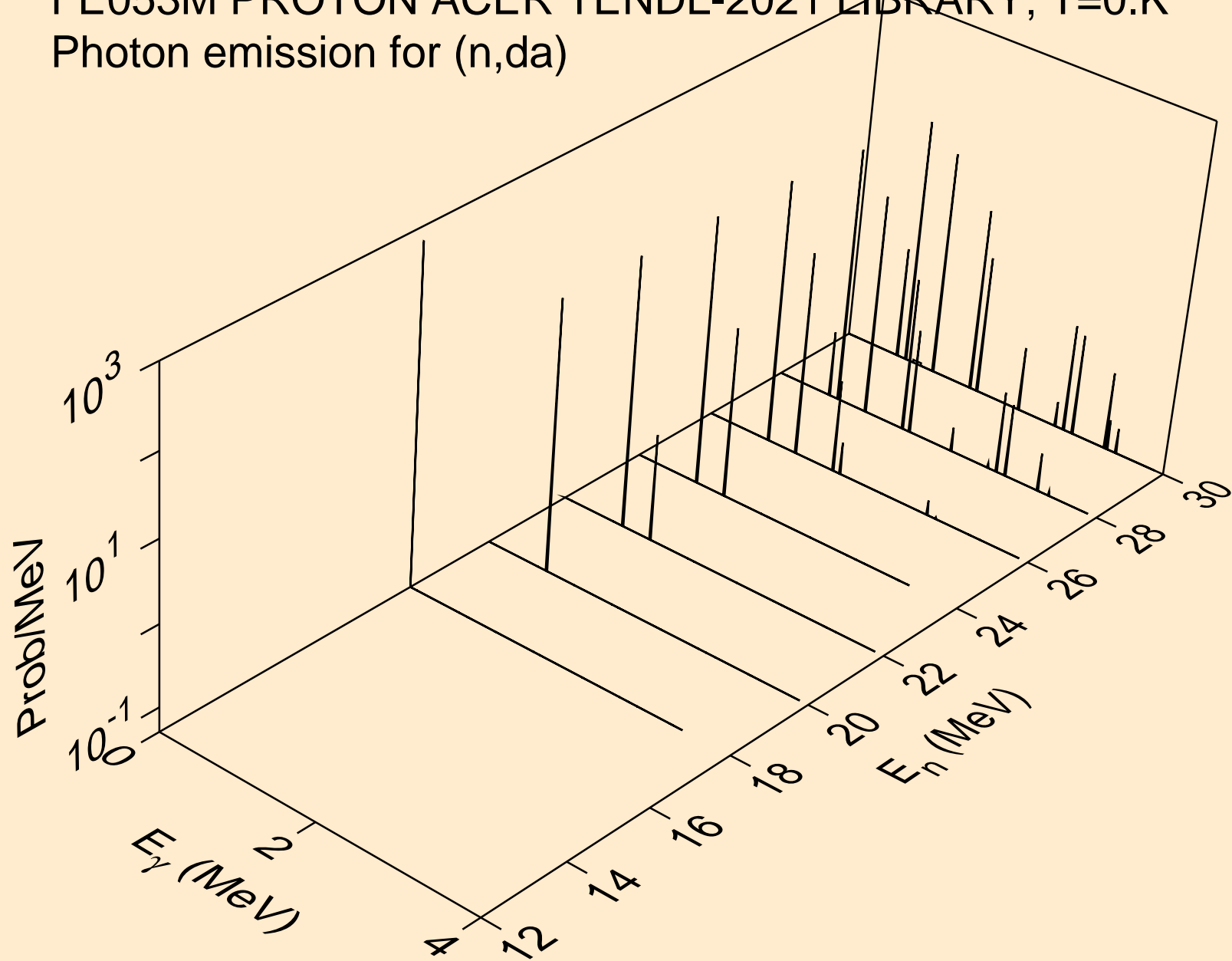


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Photon emission for (n,pt)



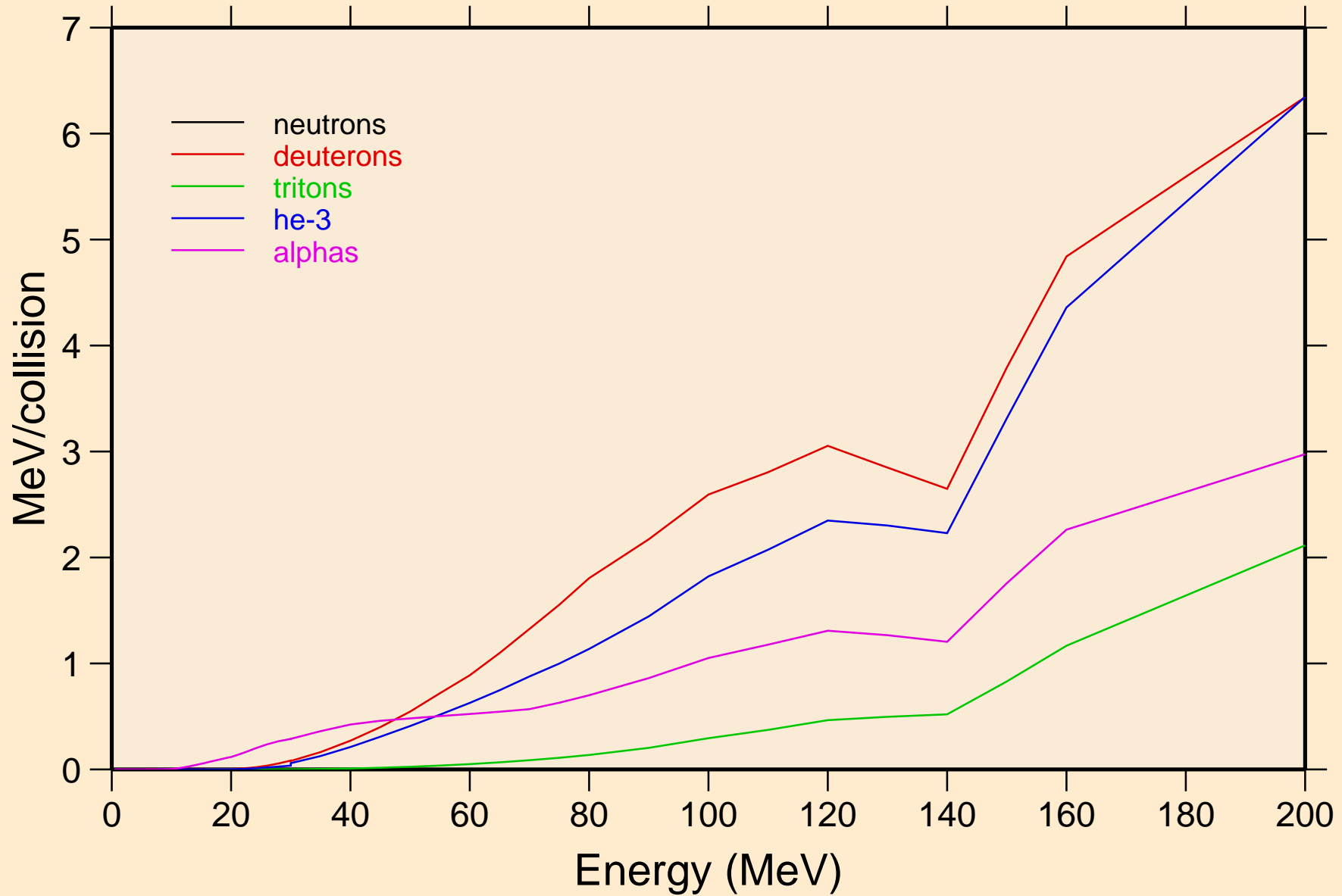


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Photon emission for (n,da)

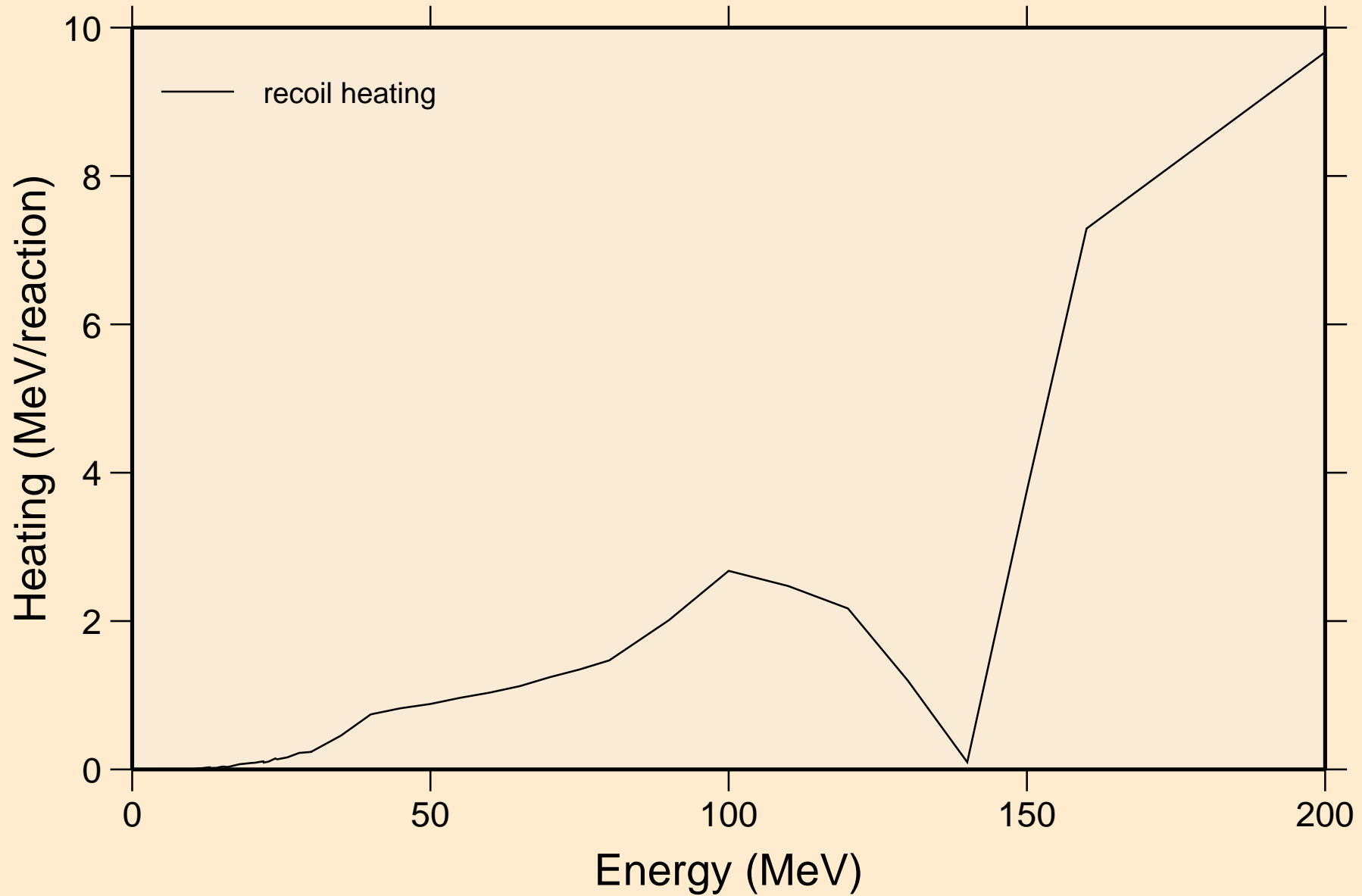


# FE053M PROTON ACER TENDL-2021 LIBRARY; T=0.K

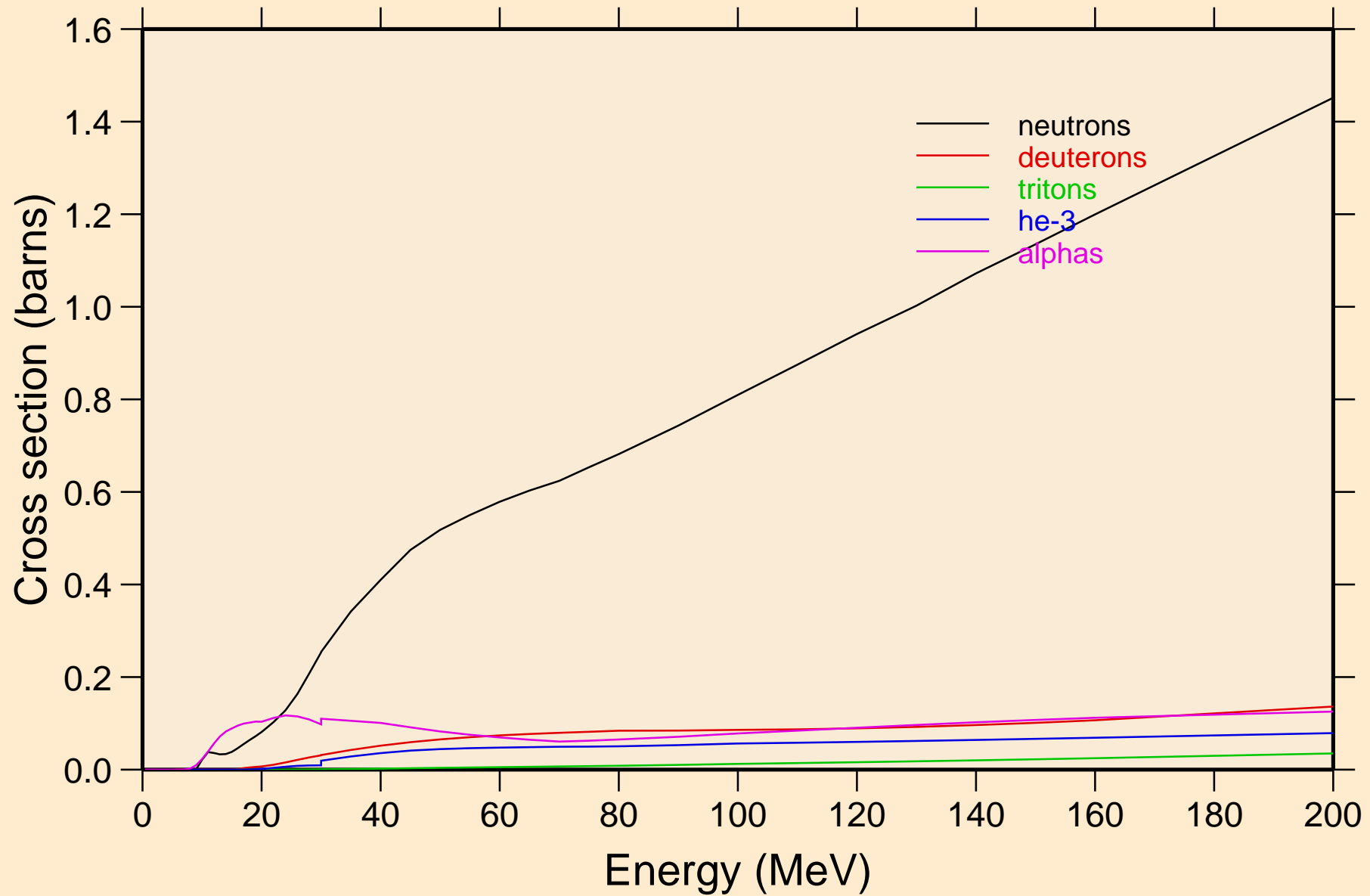
## Particle heating contributions



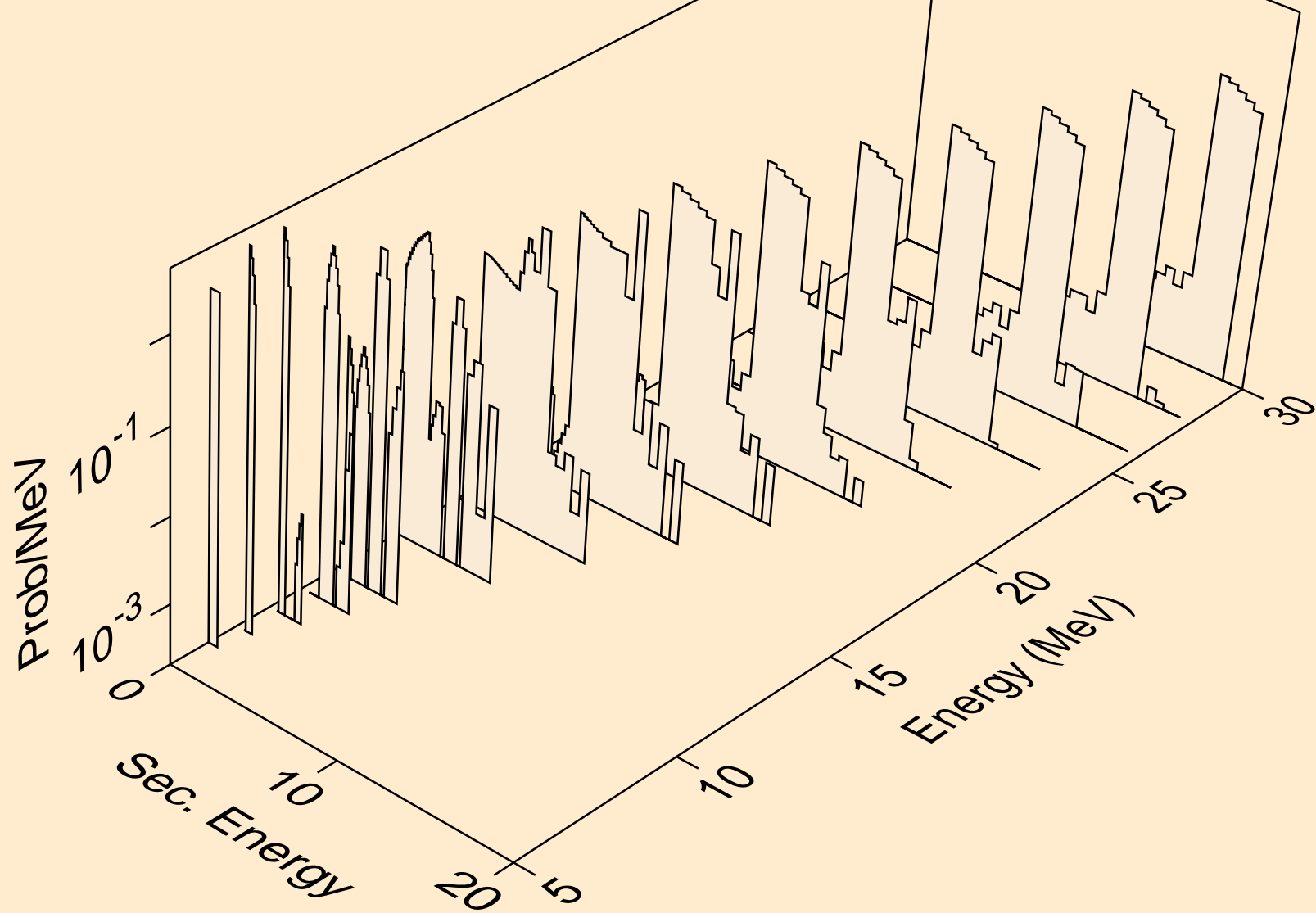
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Recoil Heating



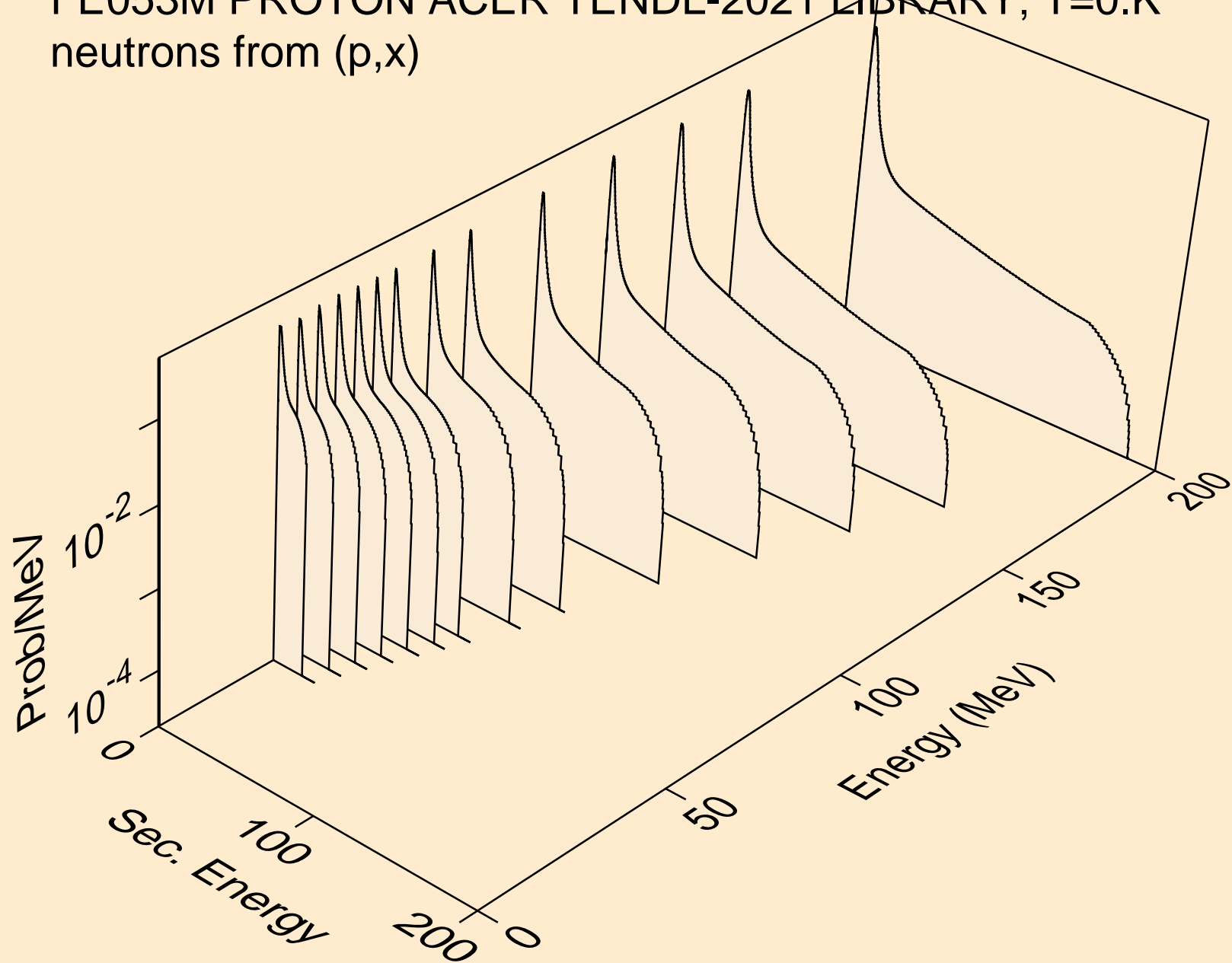
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Particle production cross sections



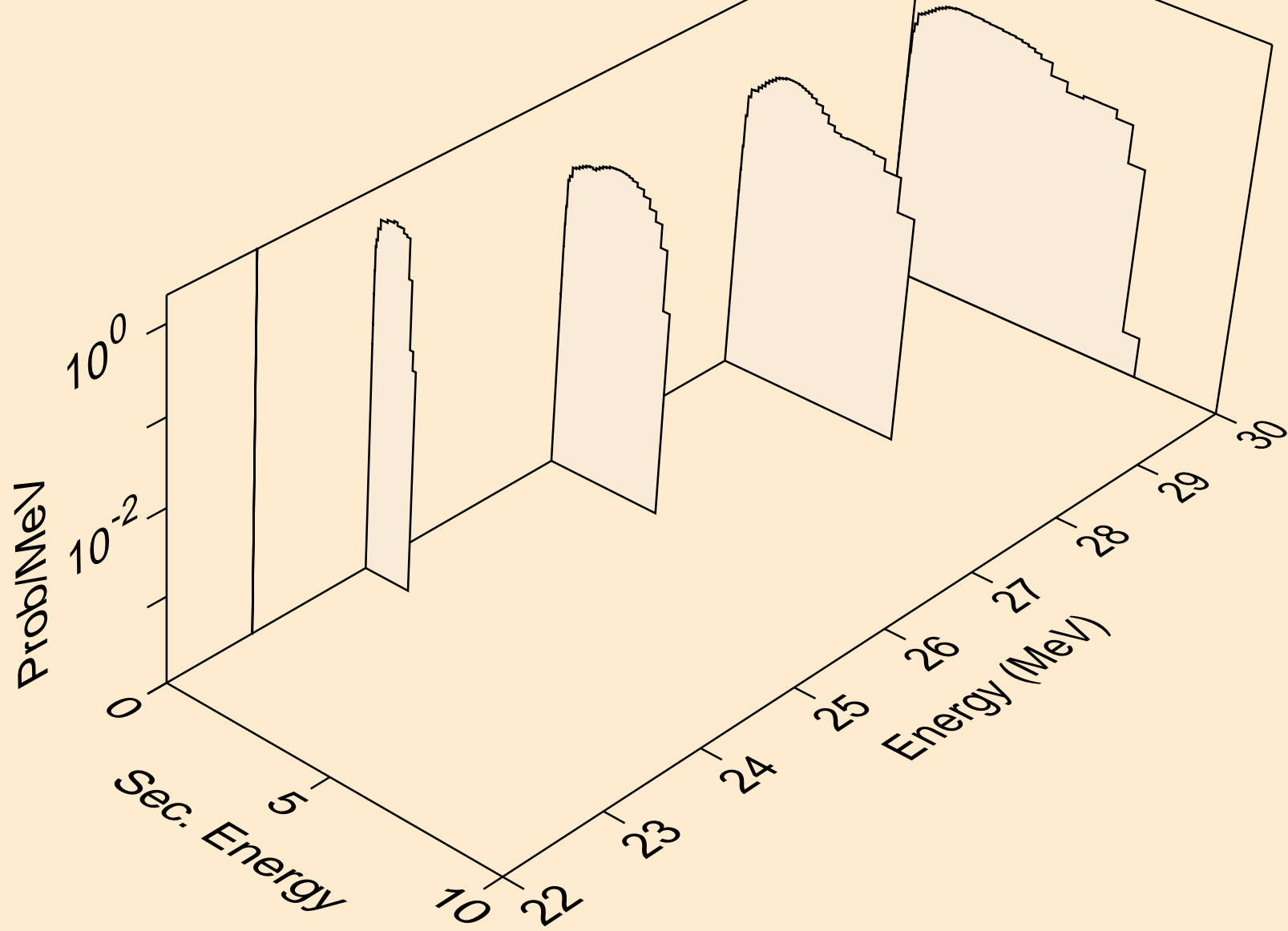
FE053M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n)



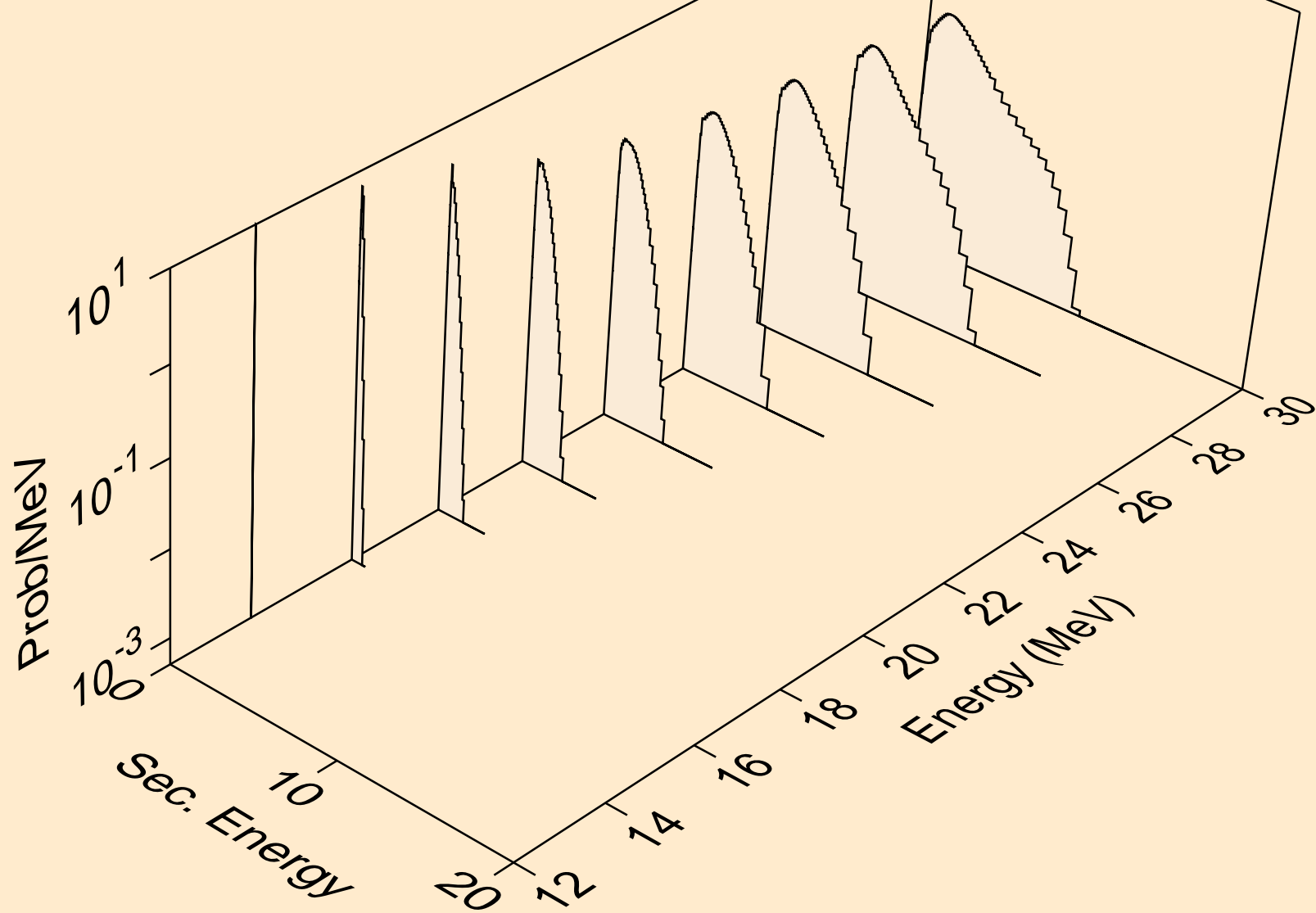
FE053M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,x)



FE053M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2n)

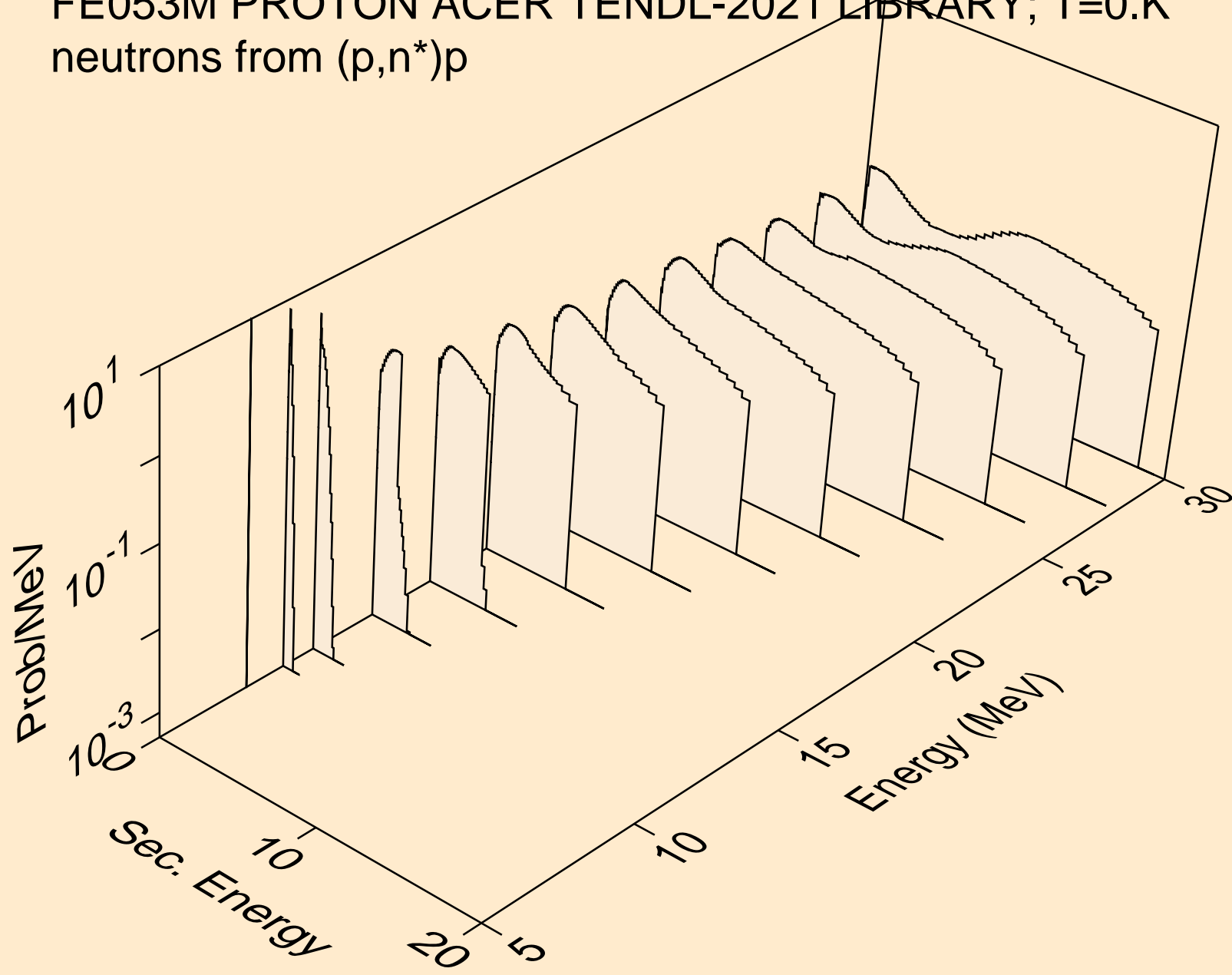


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neutrons from (p,n\*)a

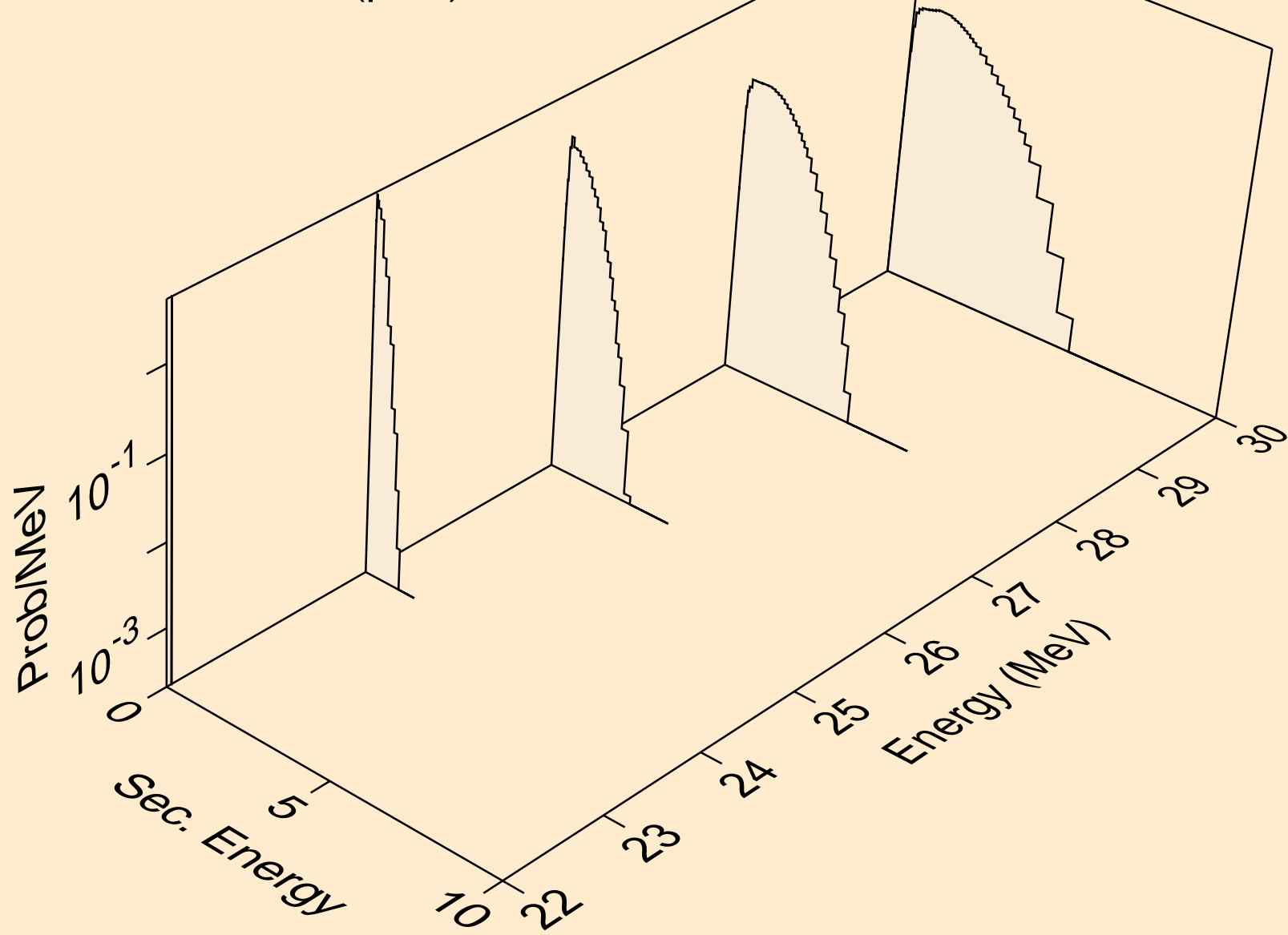




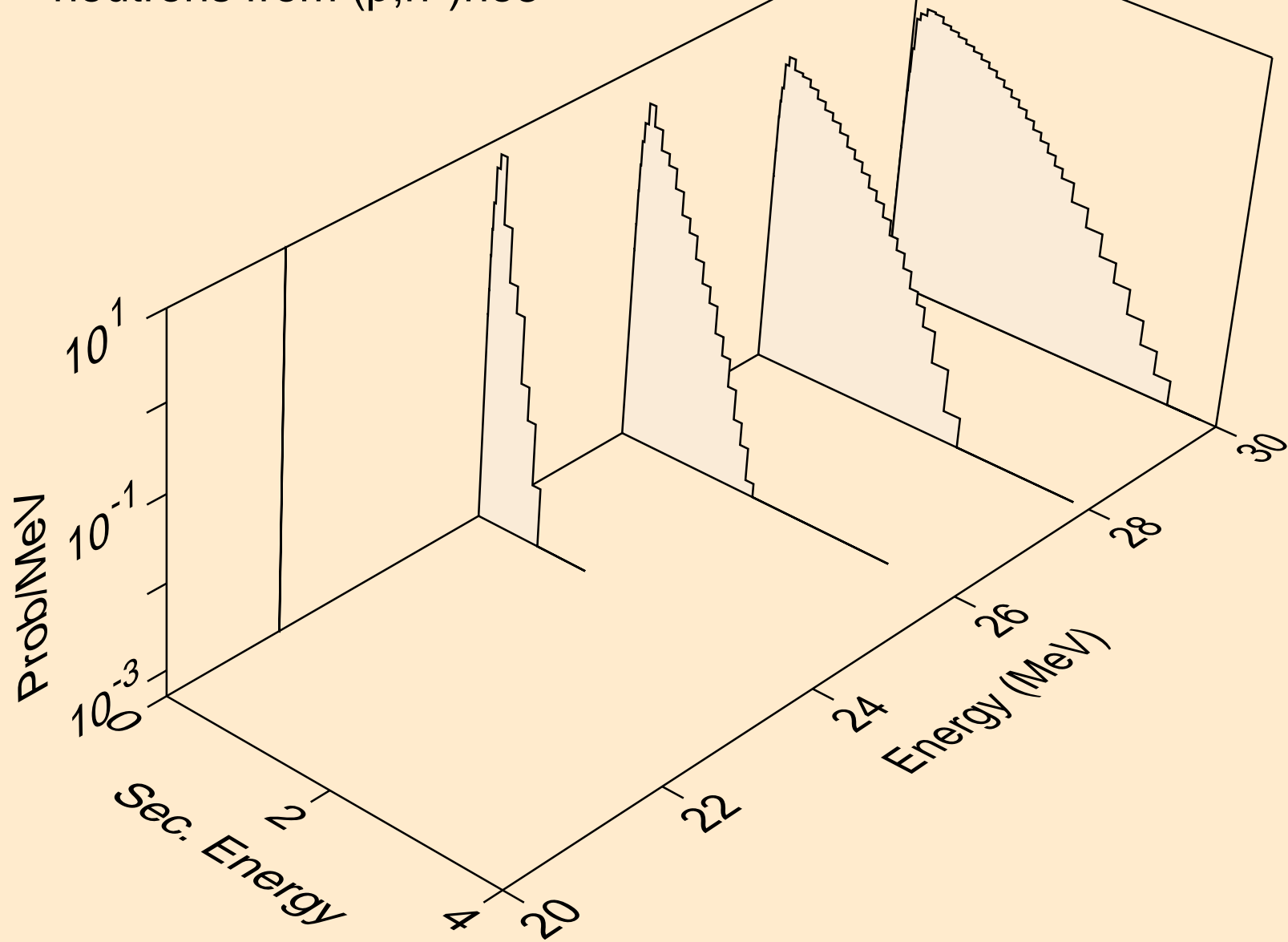
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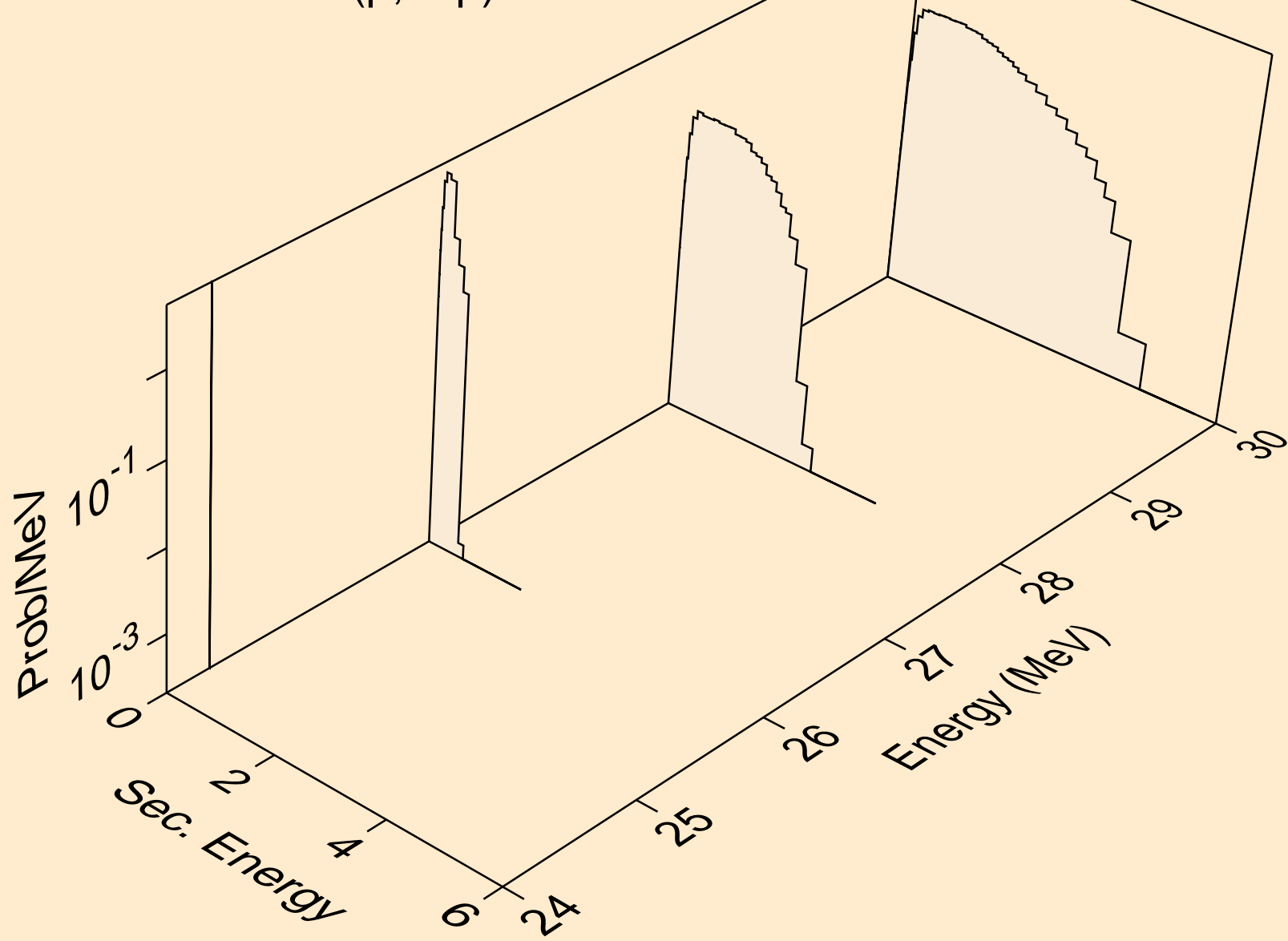
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neutrons from (p,n\*)d



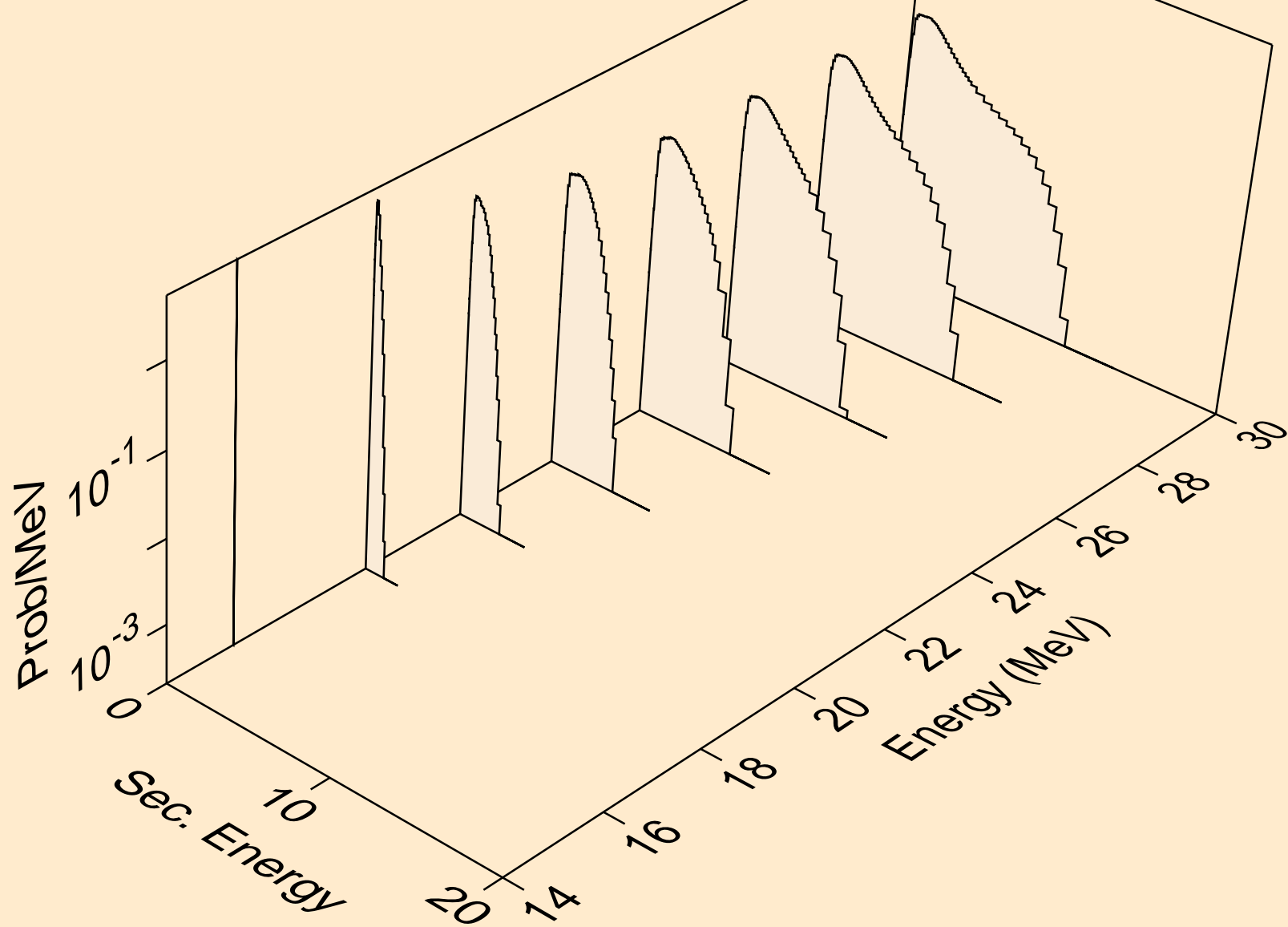
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neutrons from (p,n\*)he3



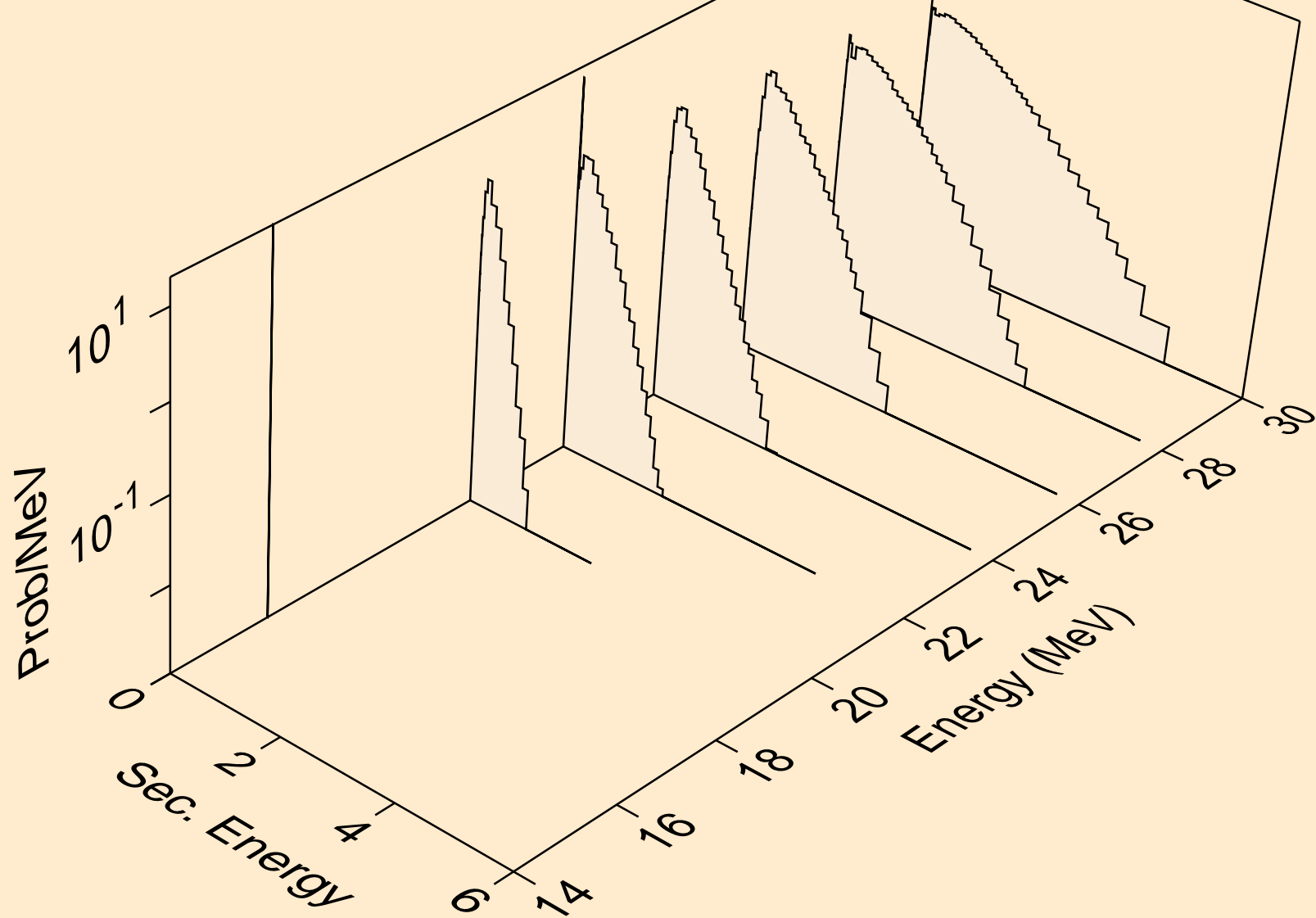
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neutrons from (p,2np)



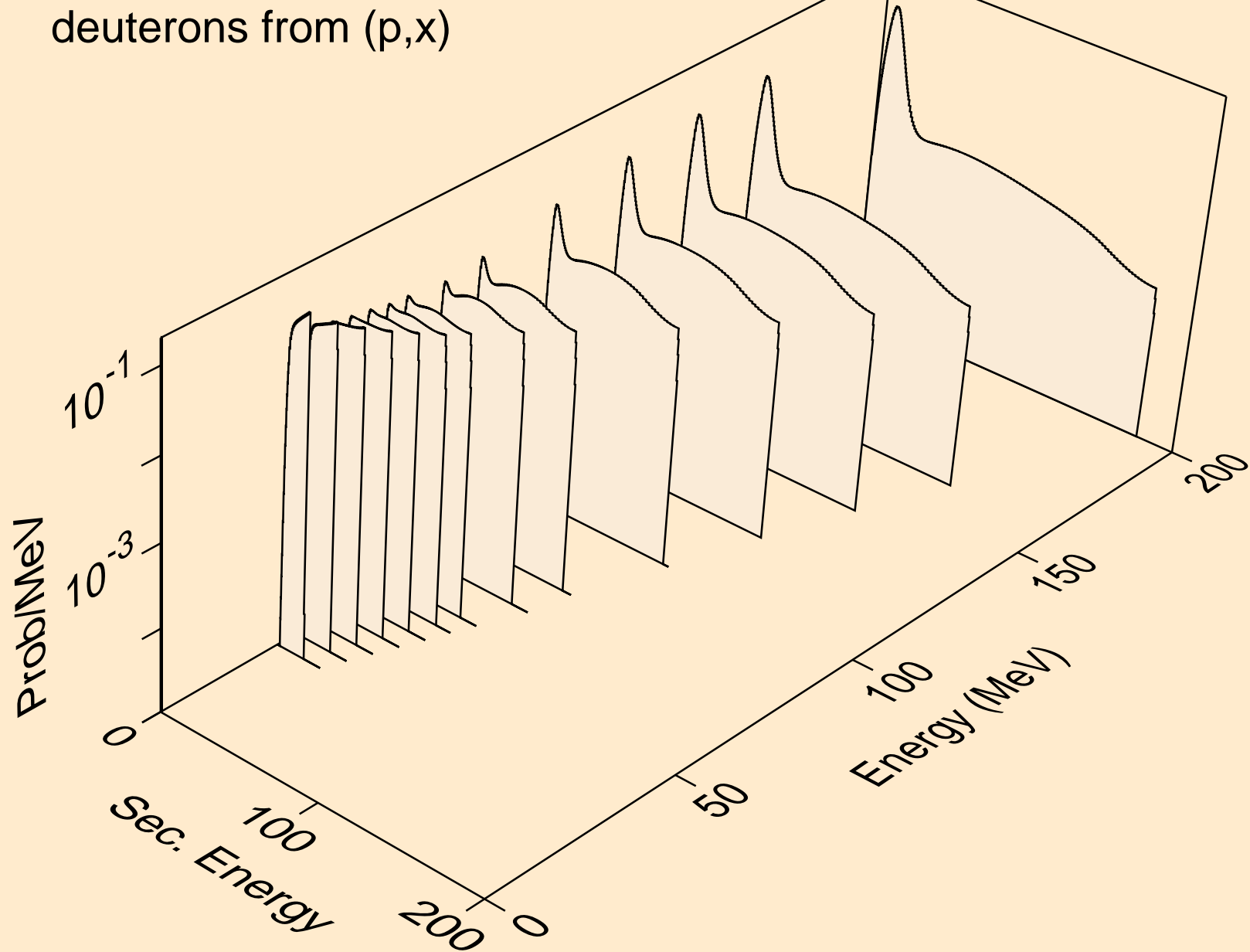
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neutrons from (p,2np)



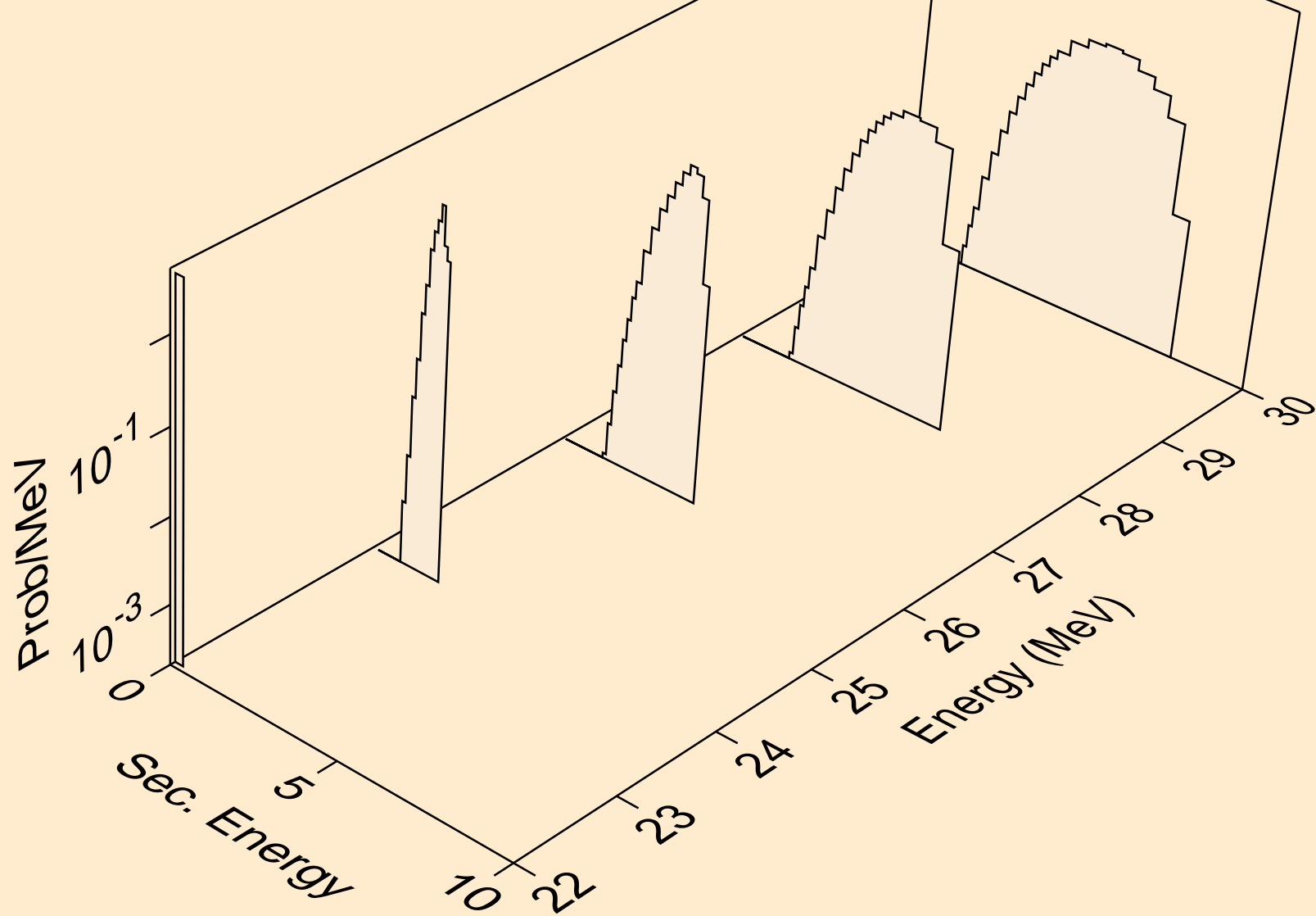
FE053M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,npa)



FE053M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,x)

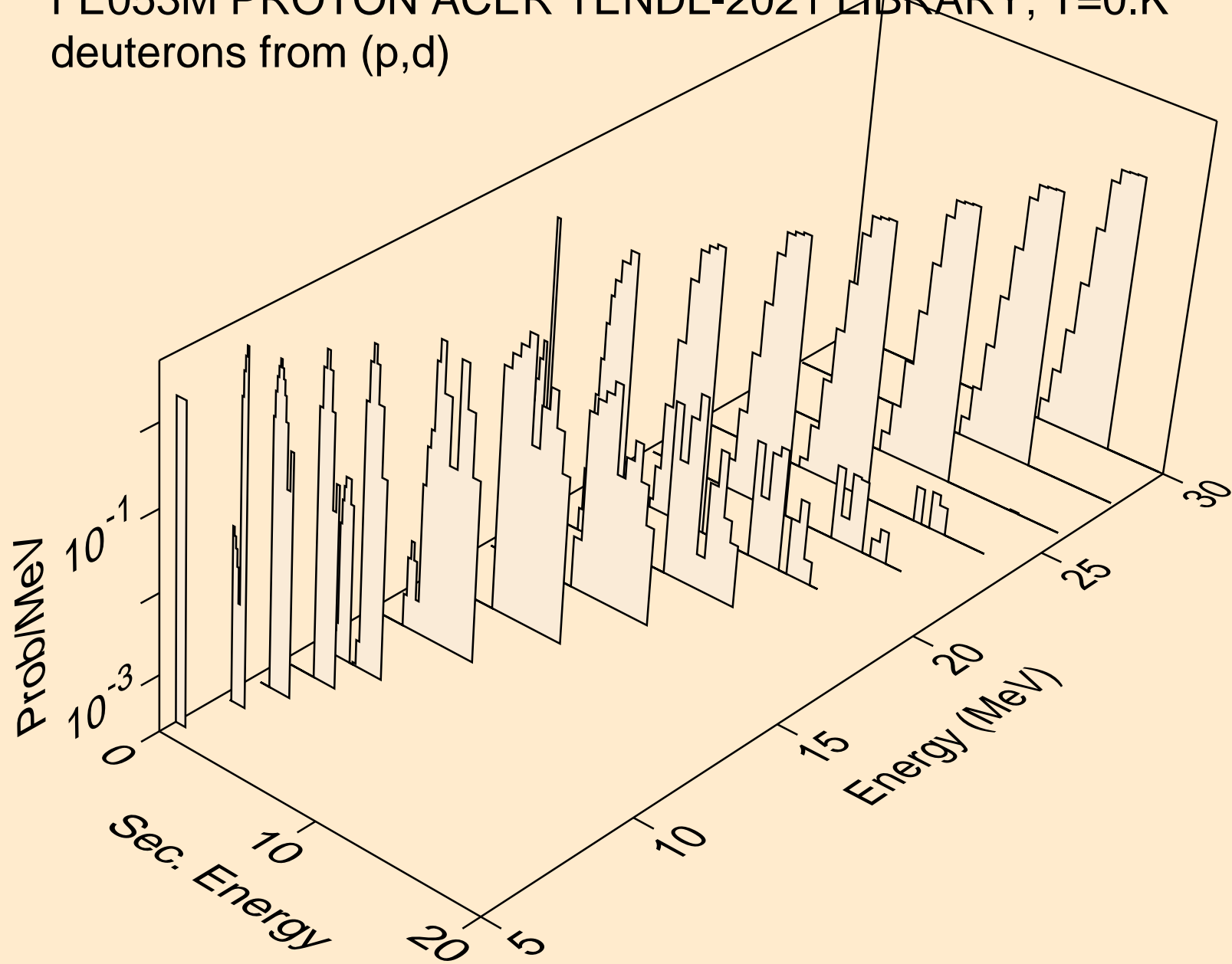


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deuterons from (p,n\*)d

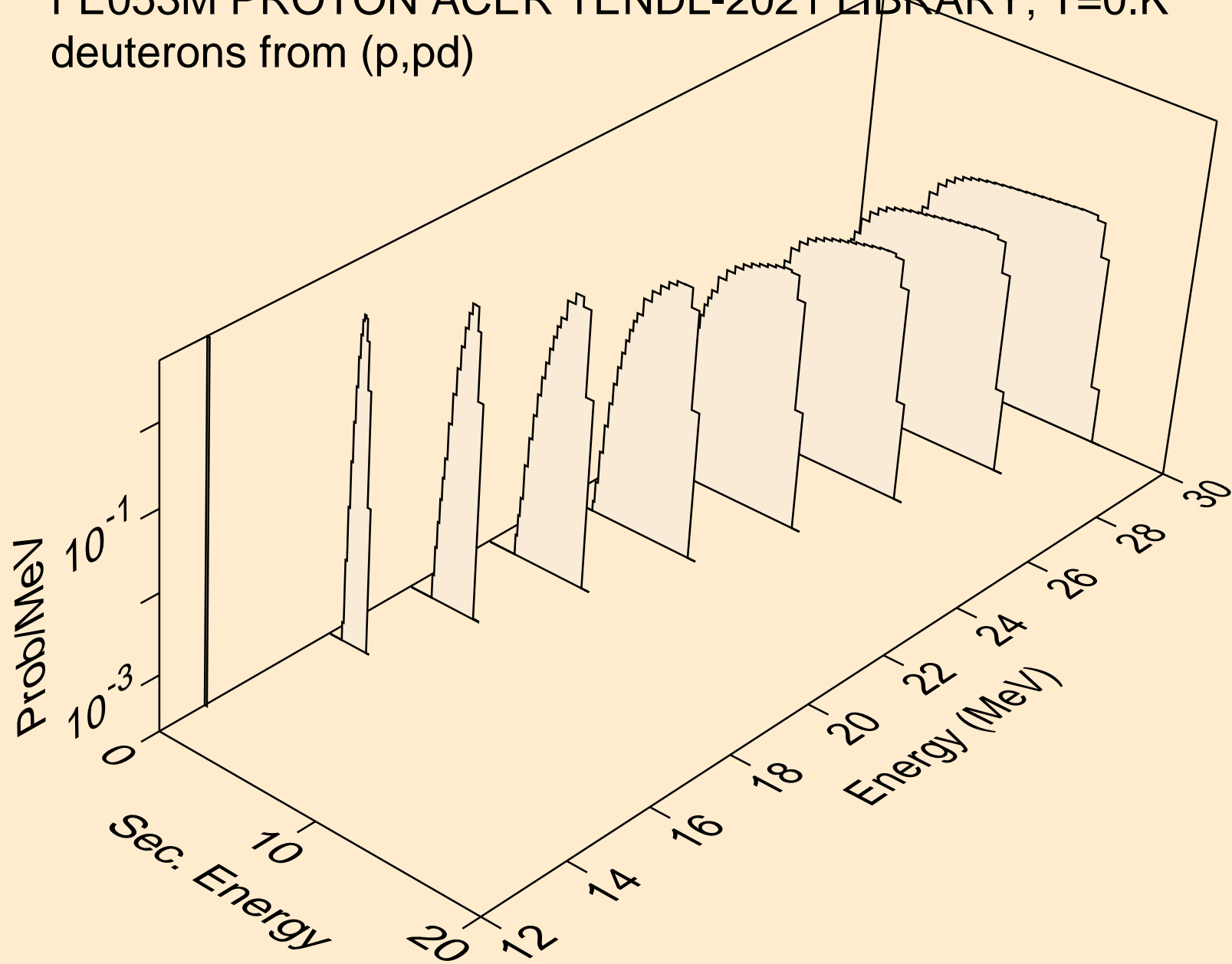




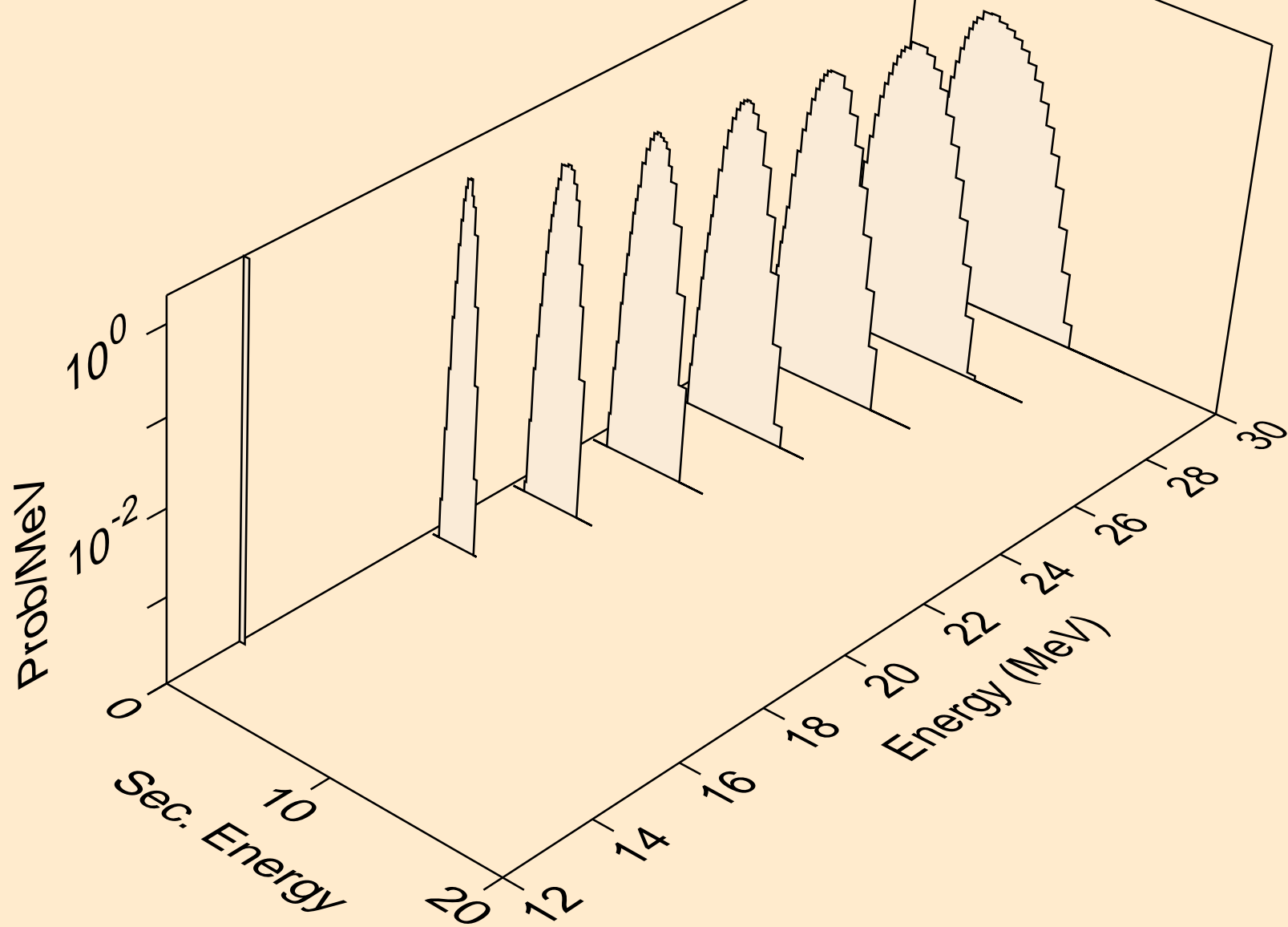
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deuterons from (p,d)



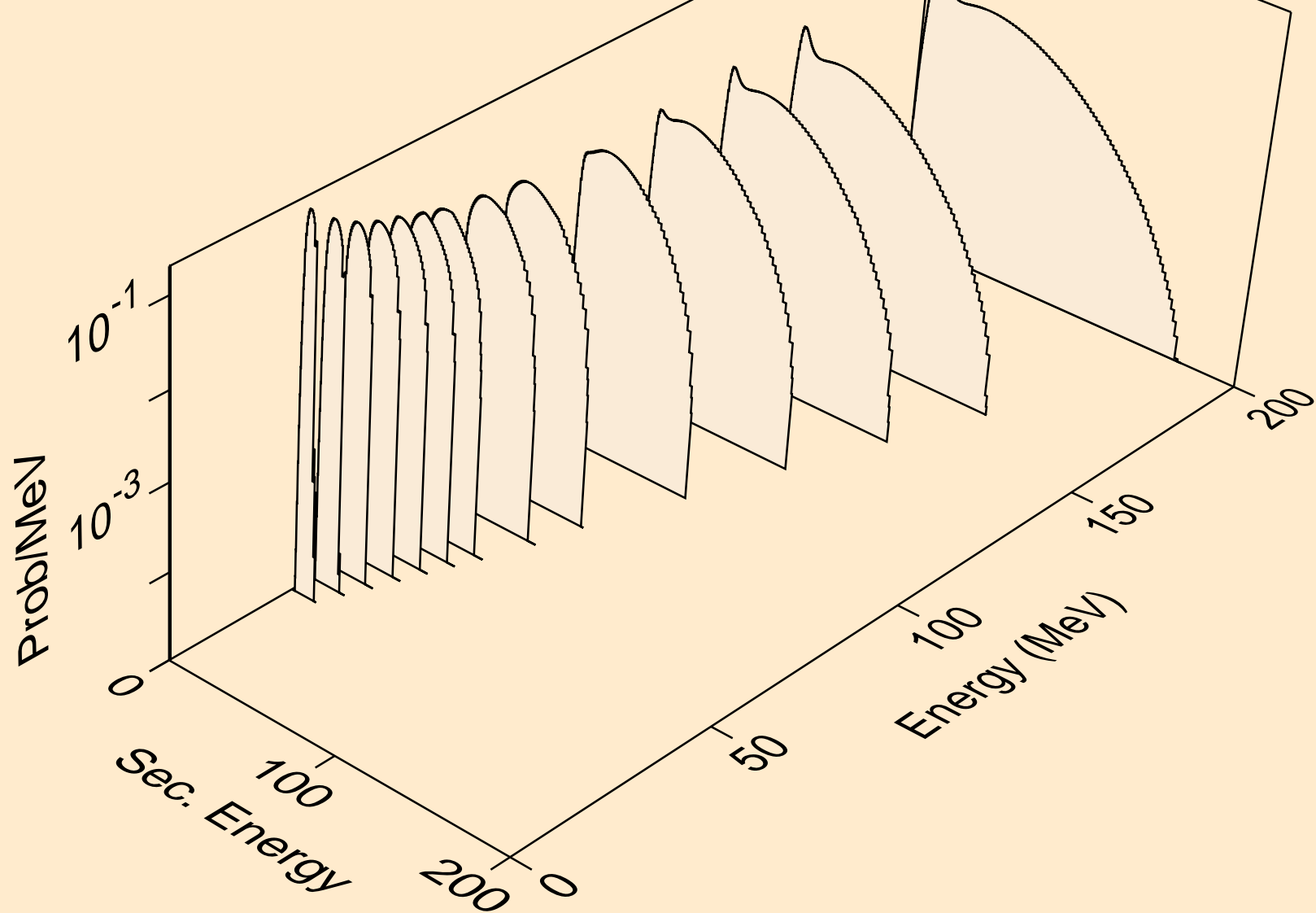
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deuterons from (p,pd)



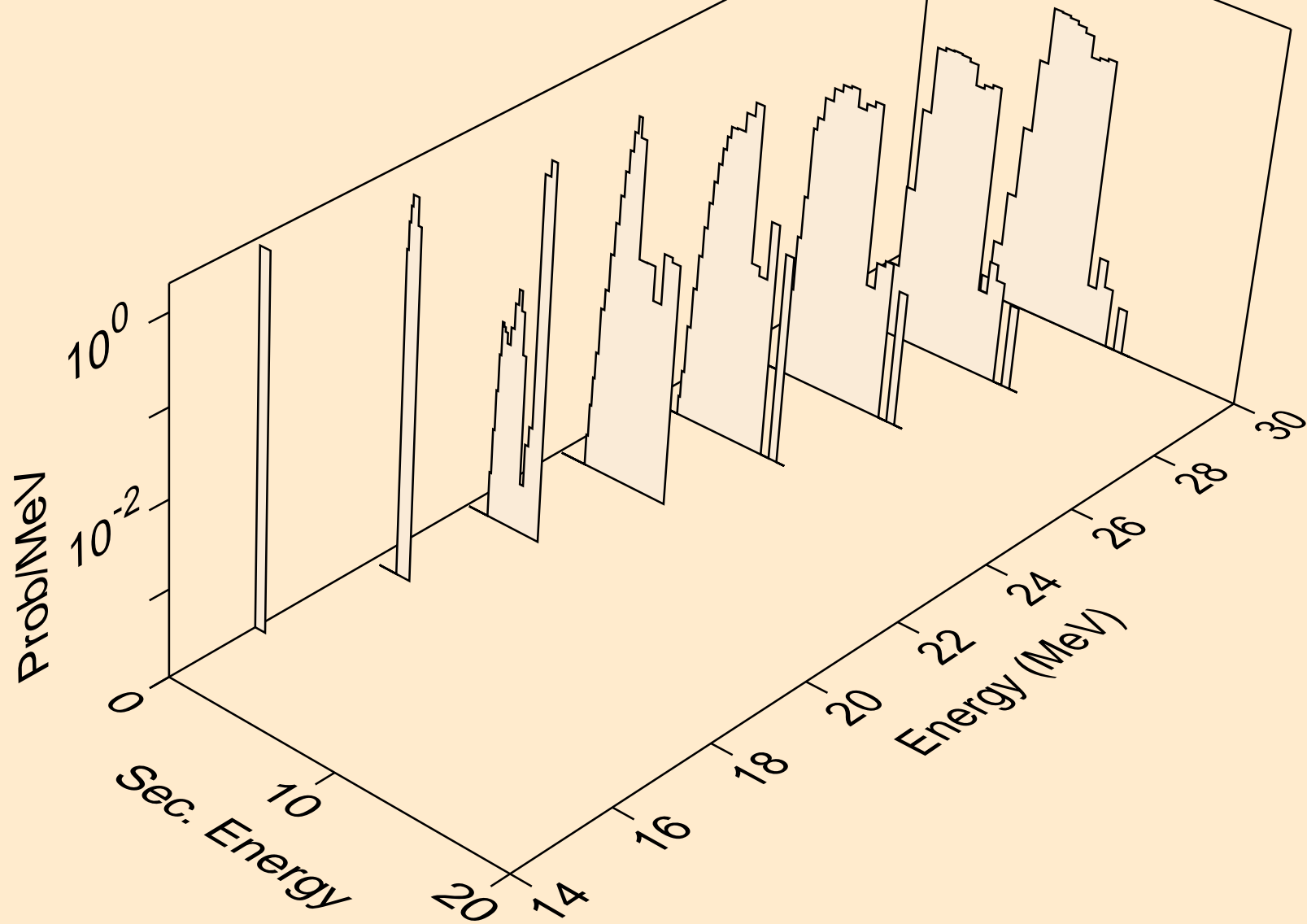
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deuterons from (p,da)



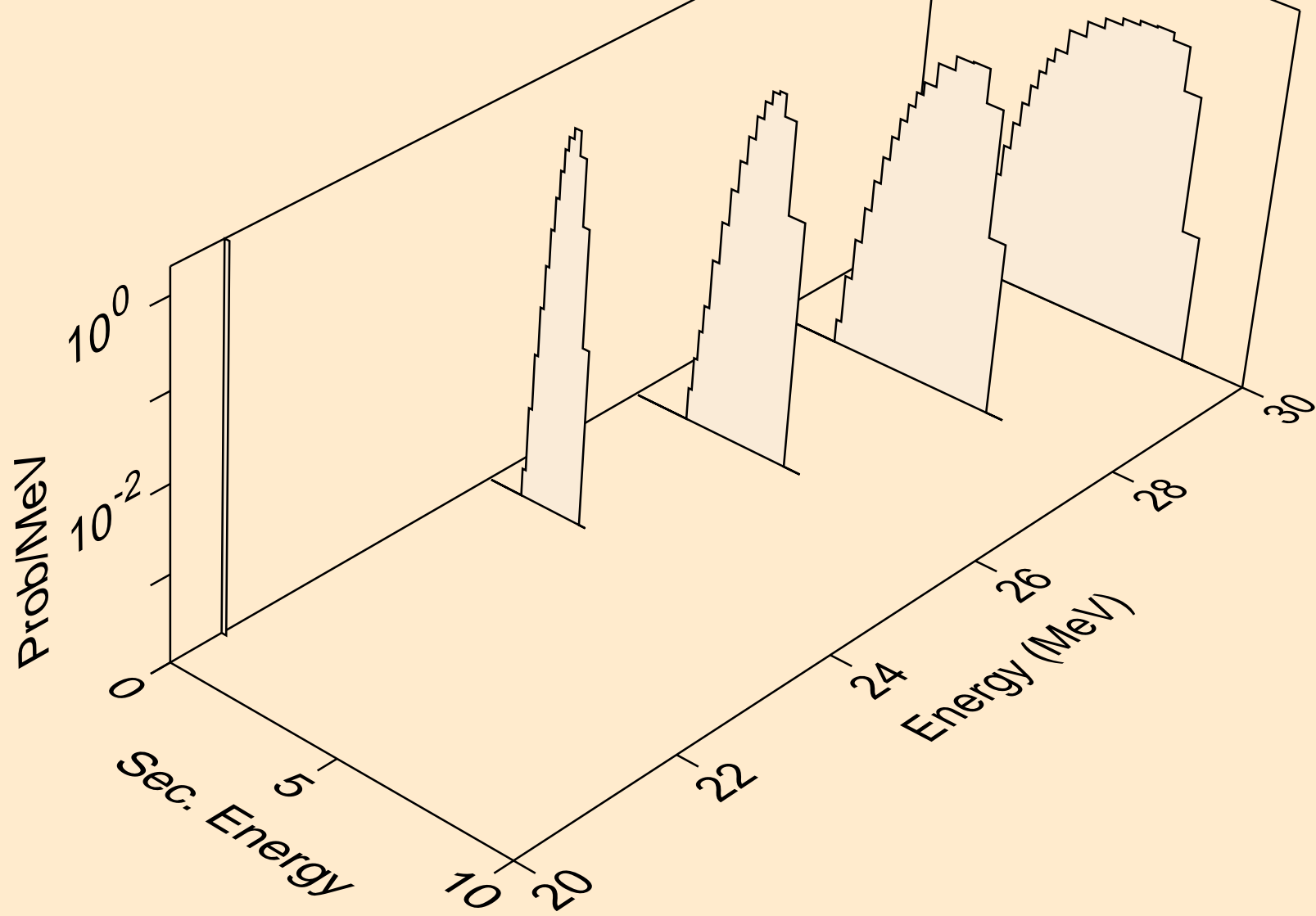
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tritons from (p,x)



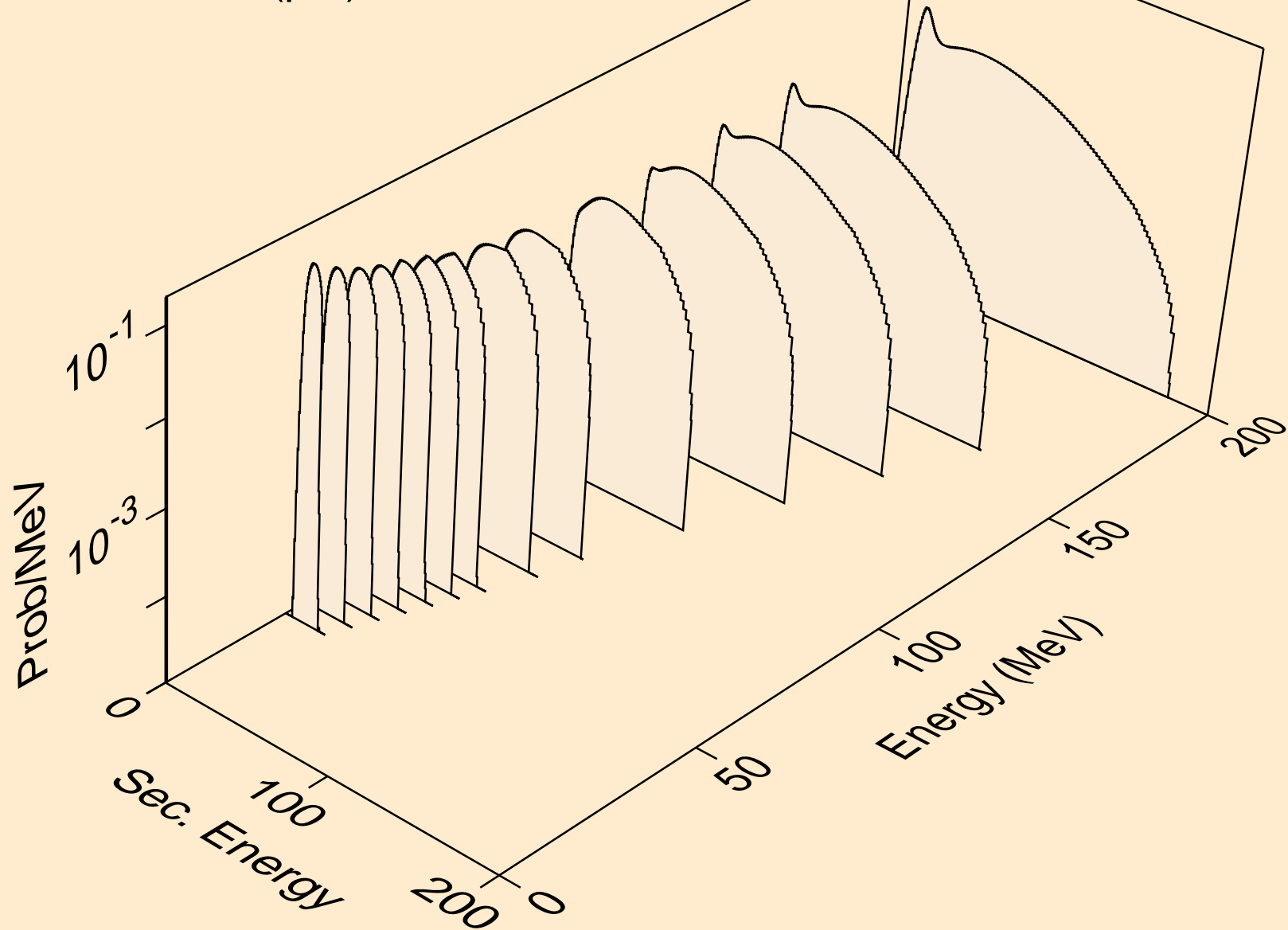
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tritons from (p,t)



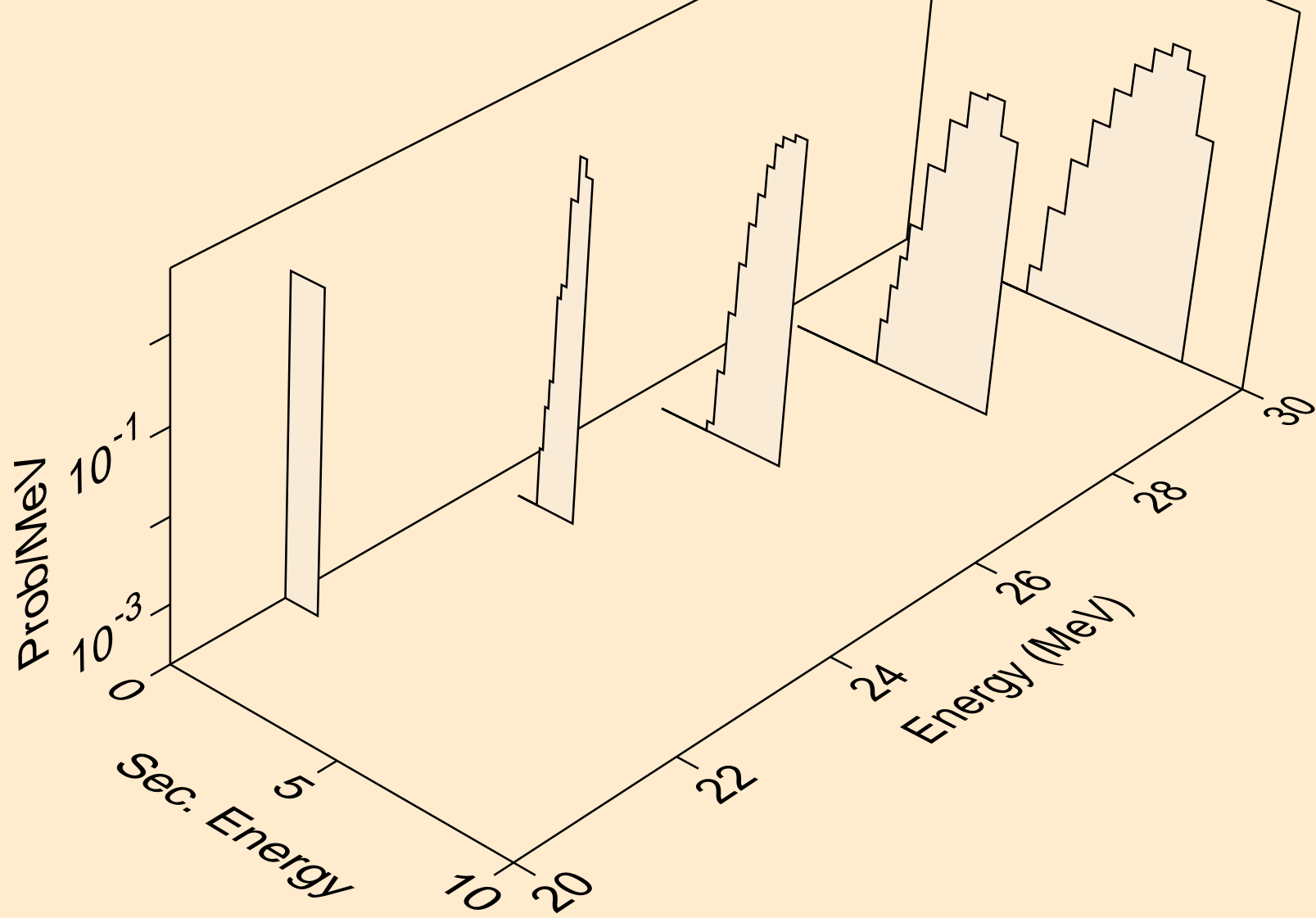
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tritons from (p,pt)



FE053M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,x)

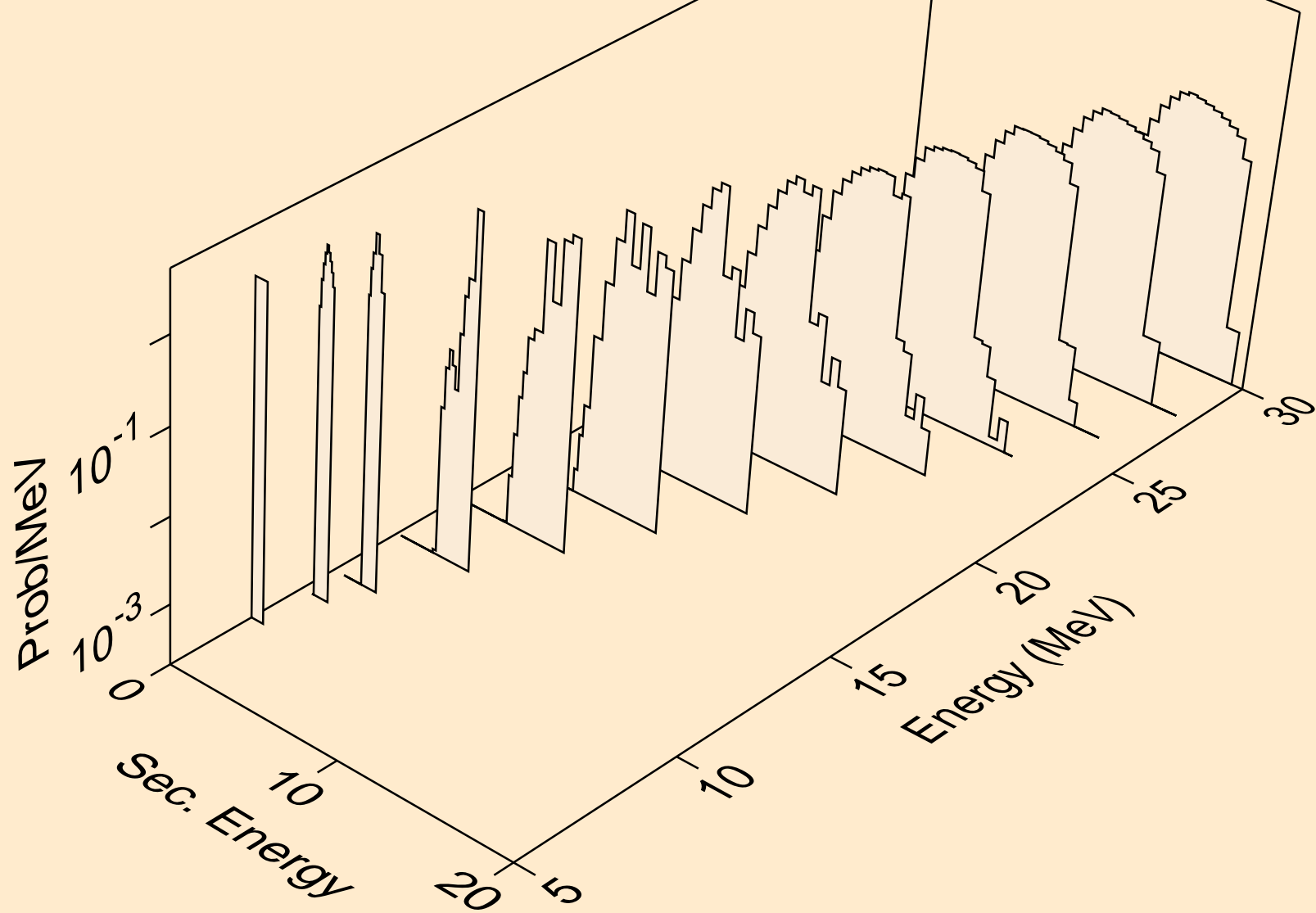


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he3s from (p,n\*)he3

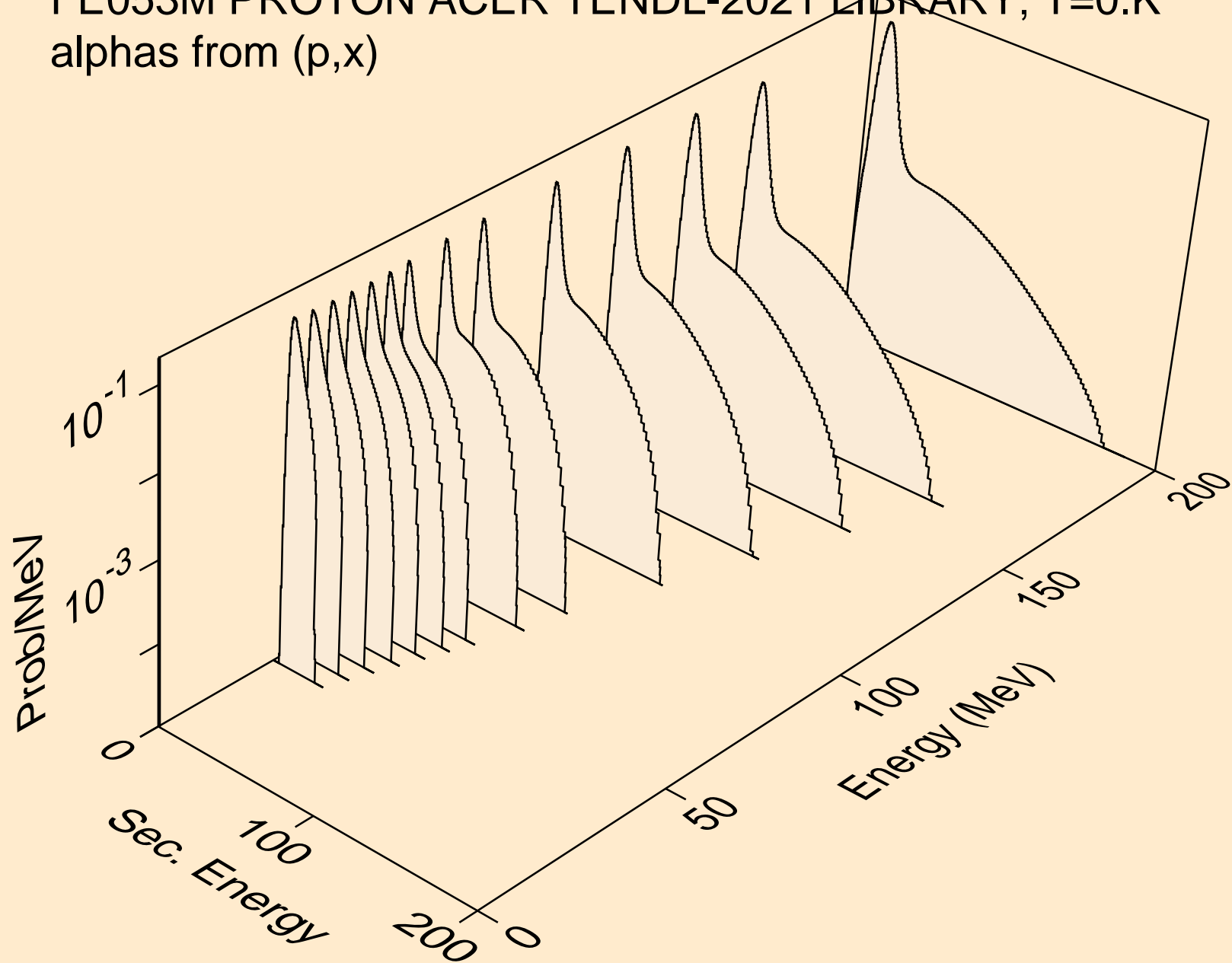




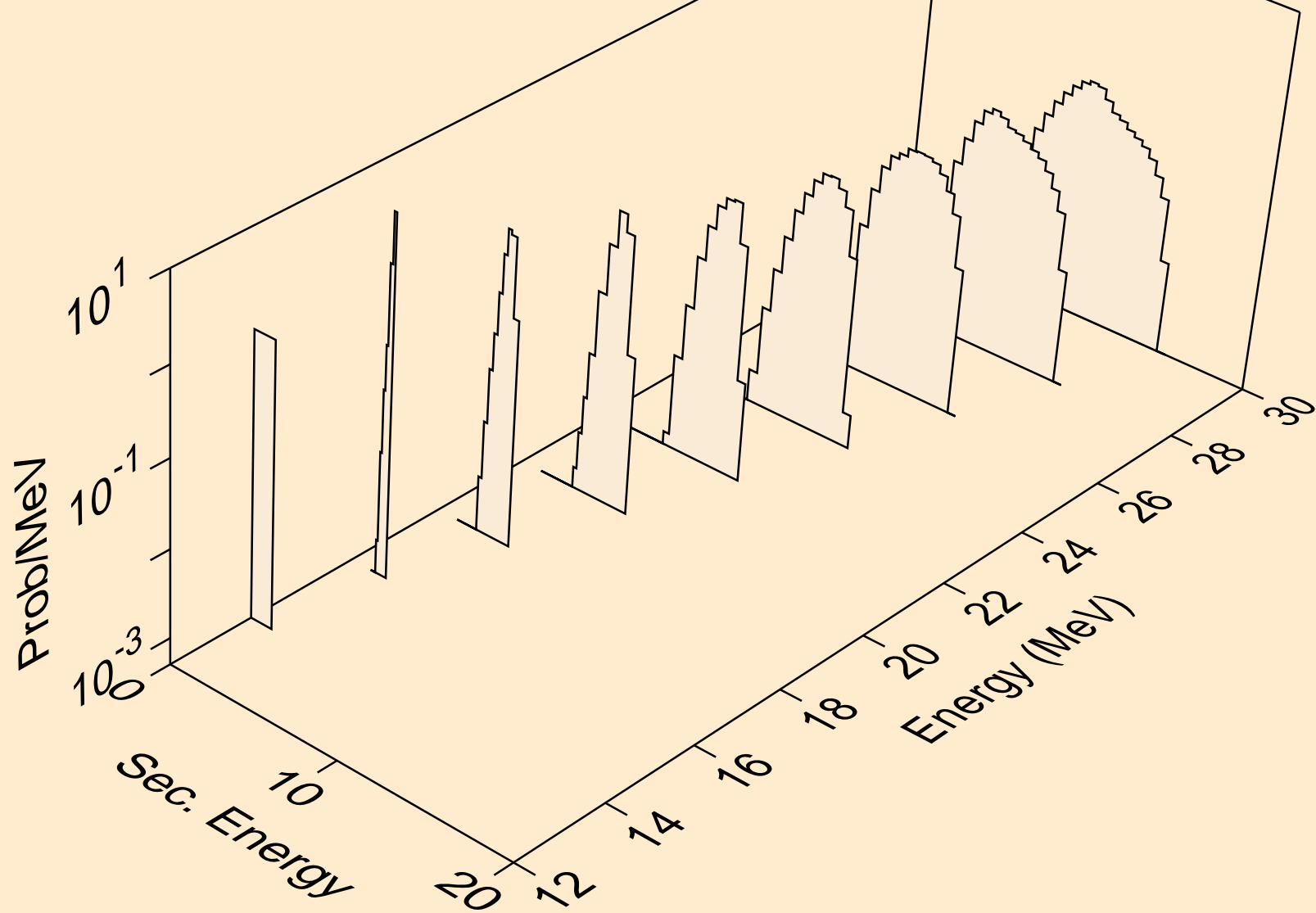
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he3s from (p,he3)



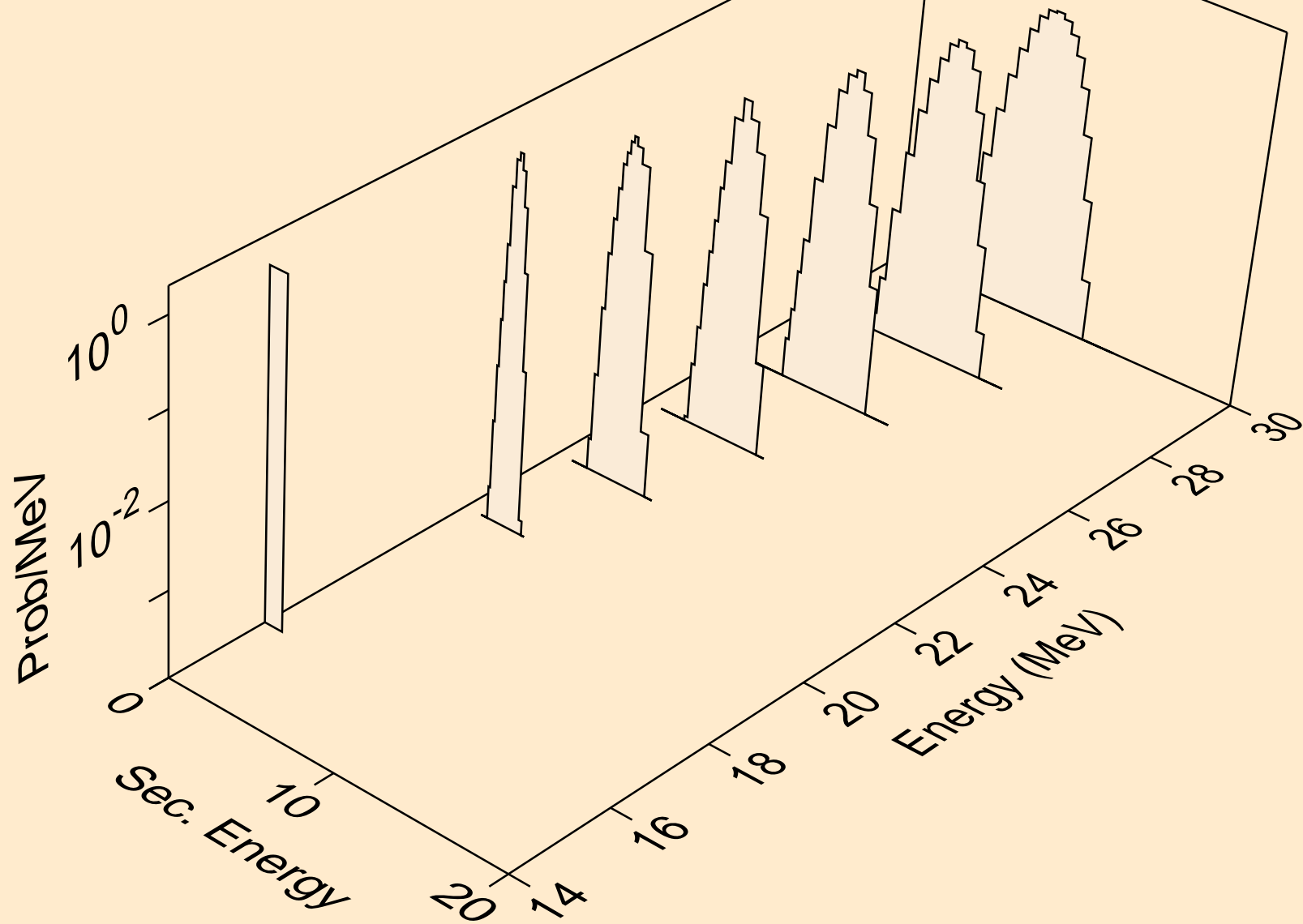
FE053M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,x)



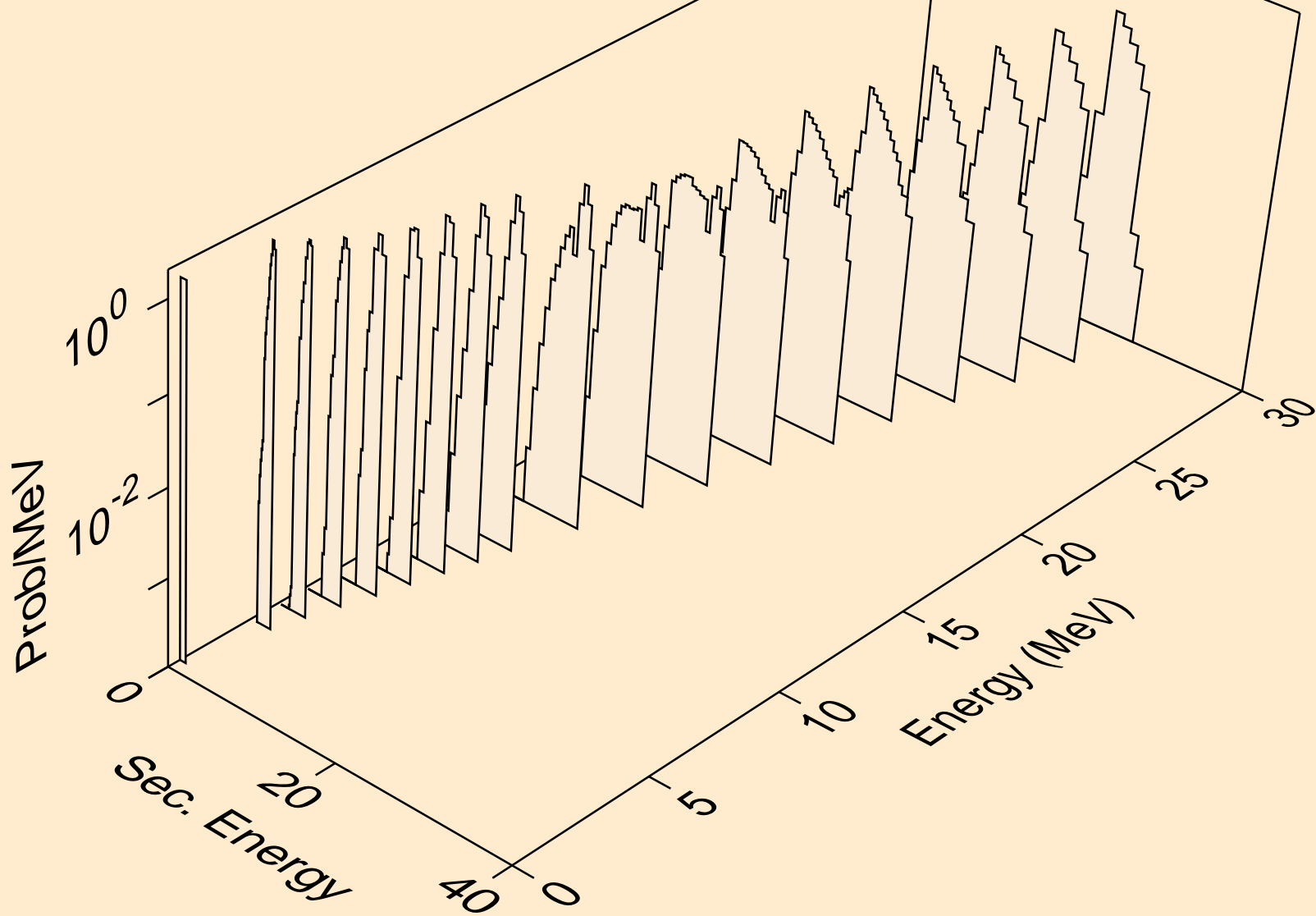
FE053M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,n\*)a



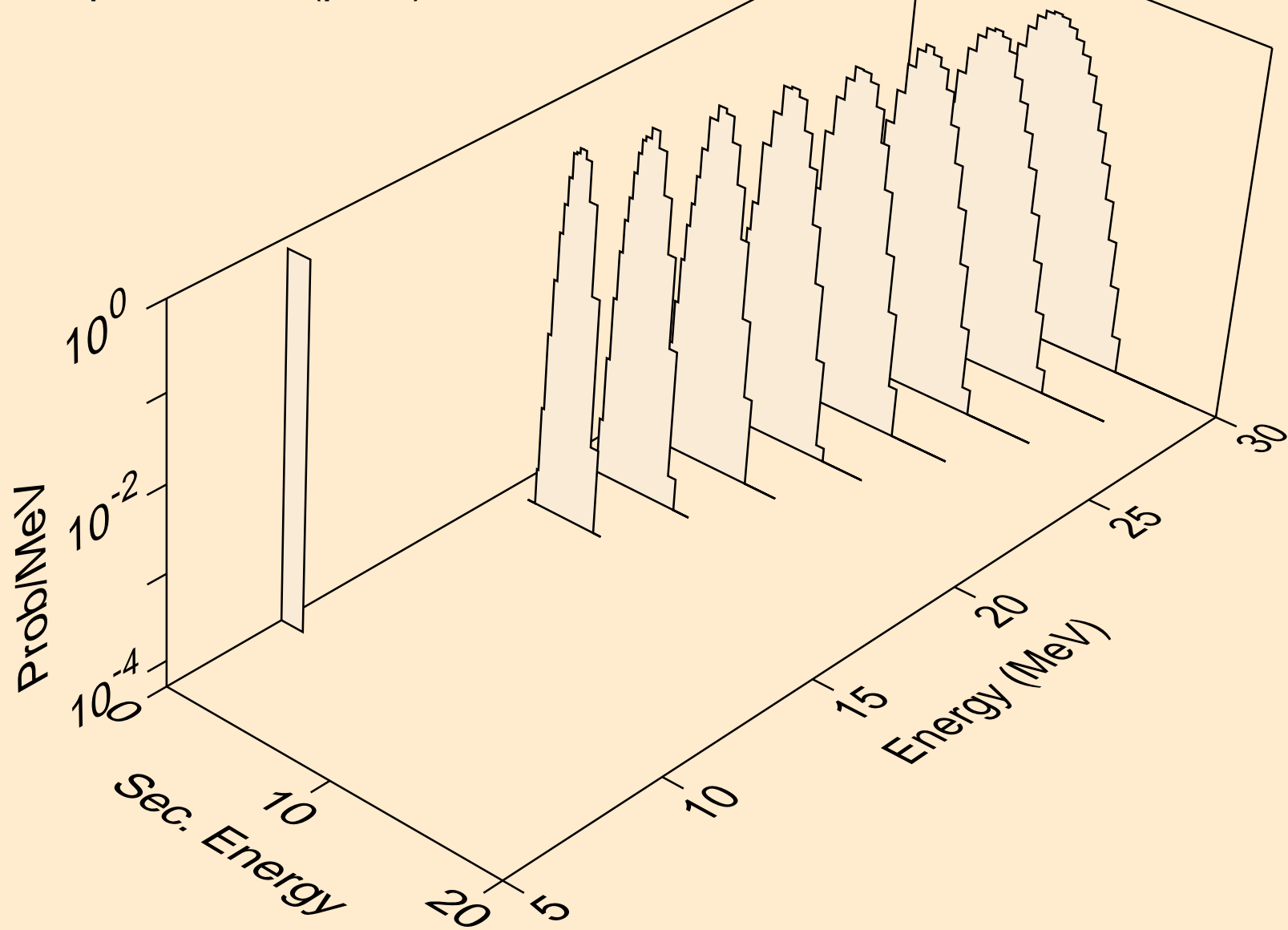
FE053M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,npa)



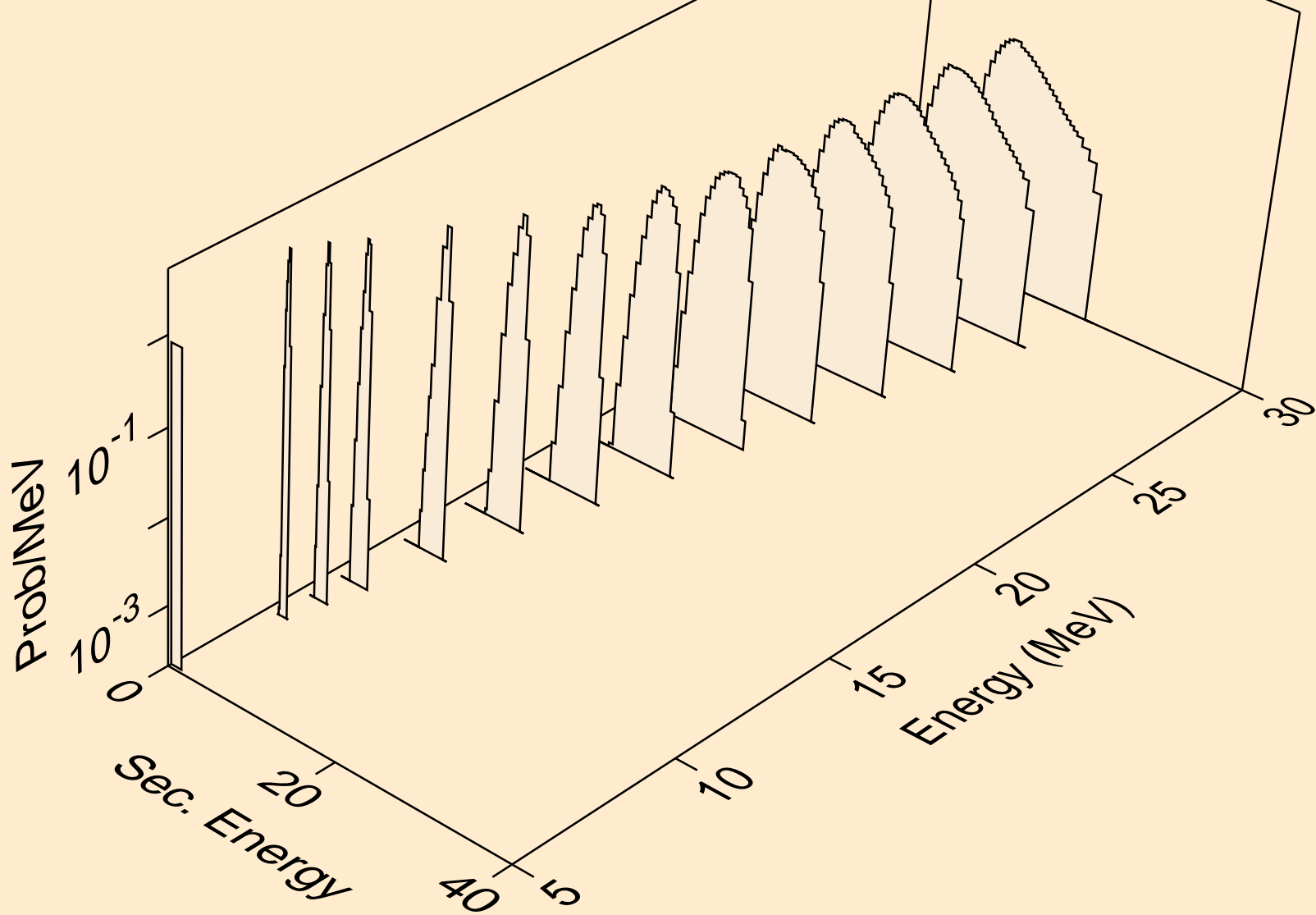
FE053M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,a)



FE053M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,2a)



FE053M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,pa)



FE053M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,da)

