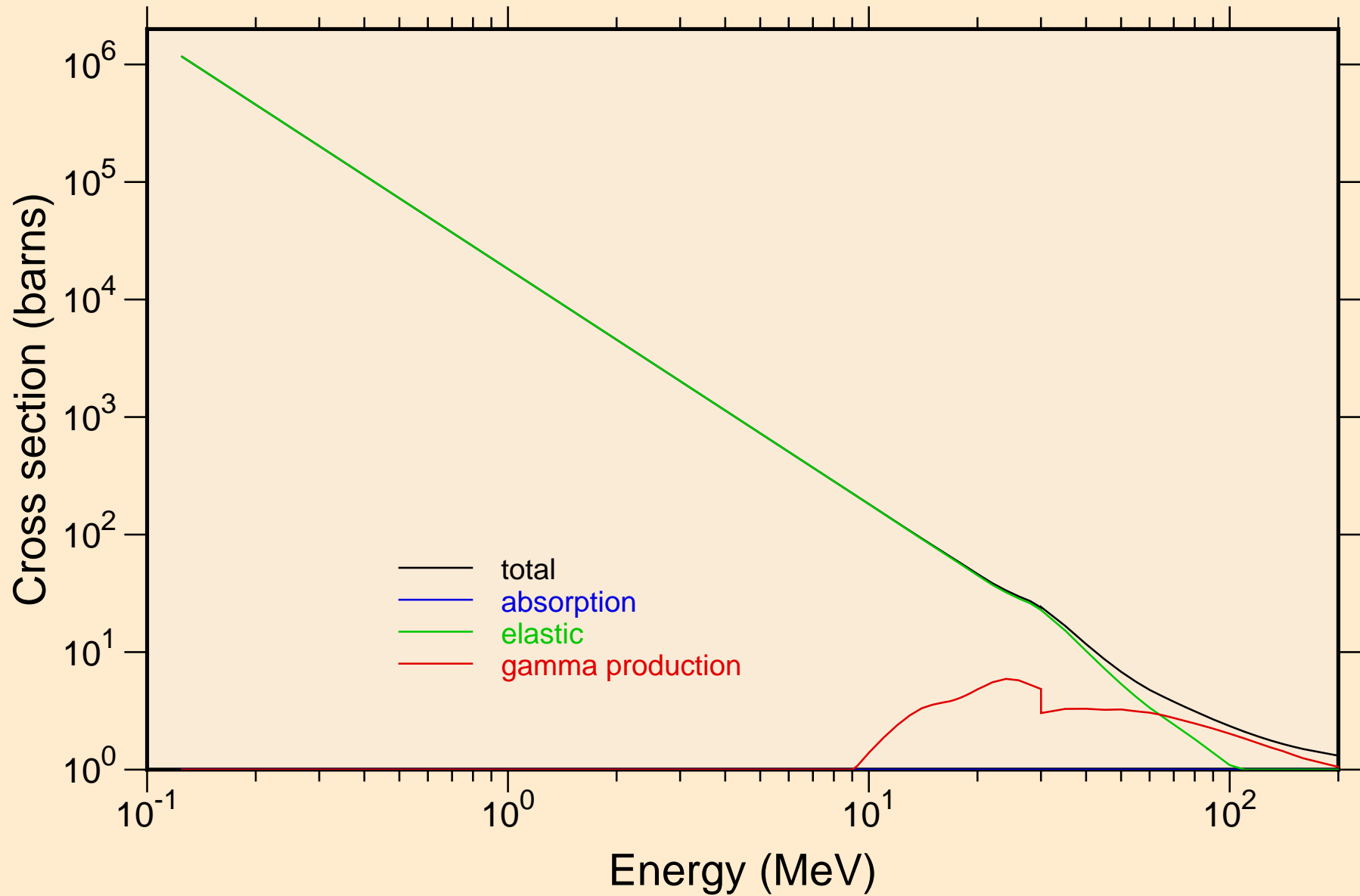
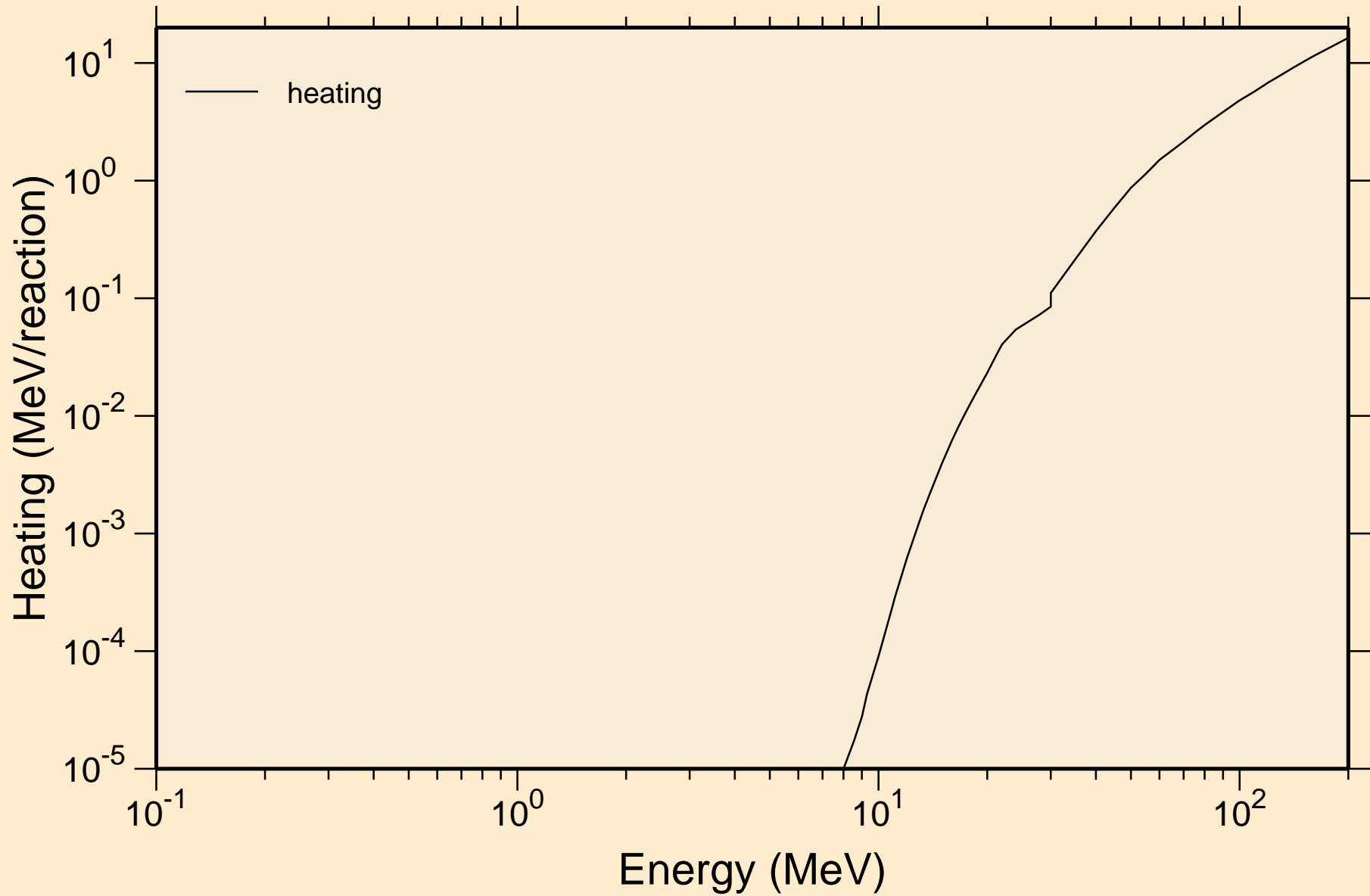


XE117 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections



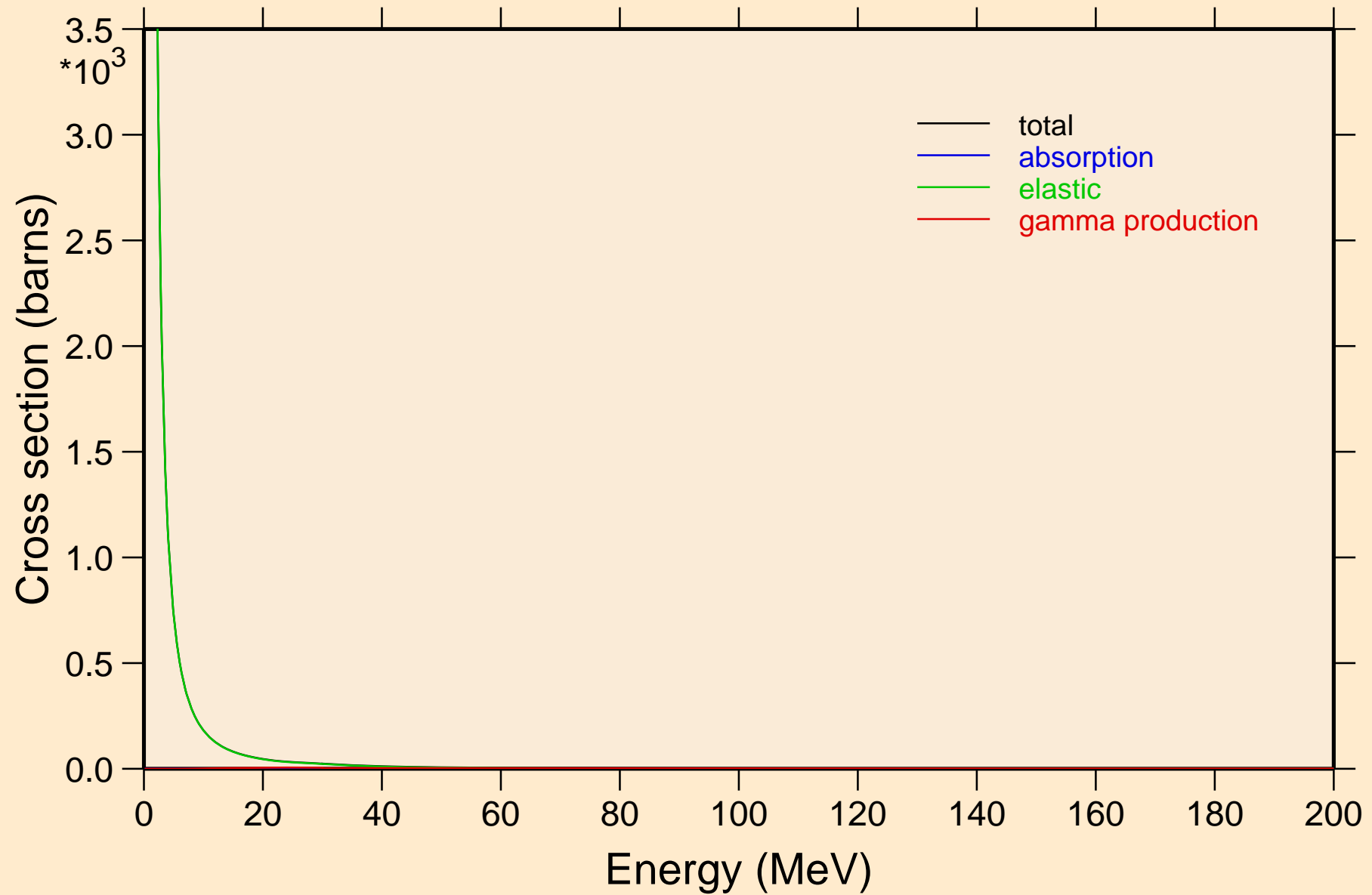
XE117 PROTON ACER TENDL-2021 LIBRARY; T=0.K

Heating



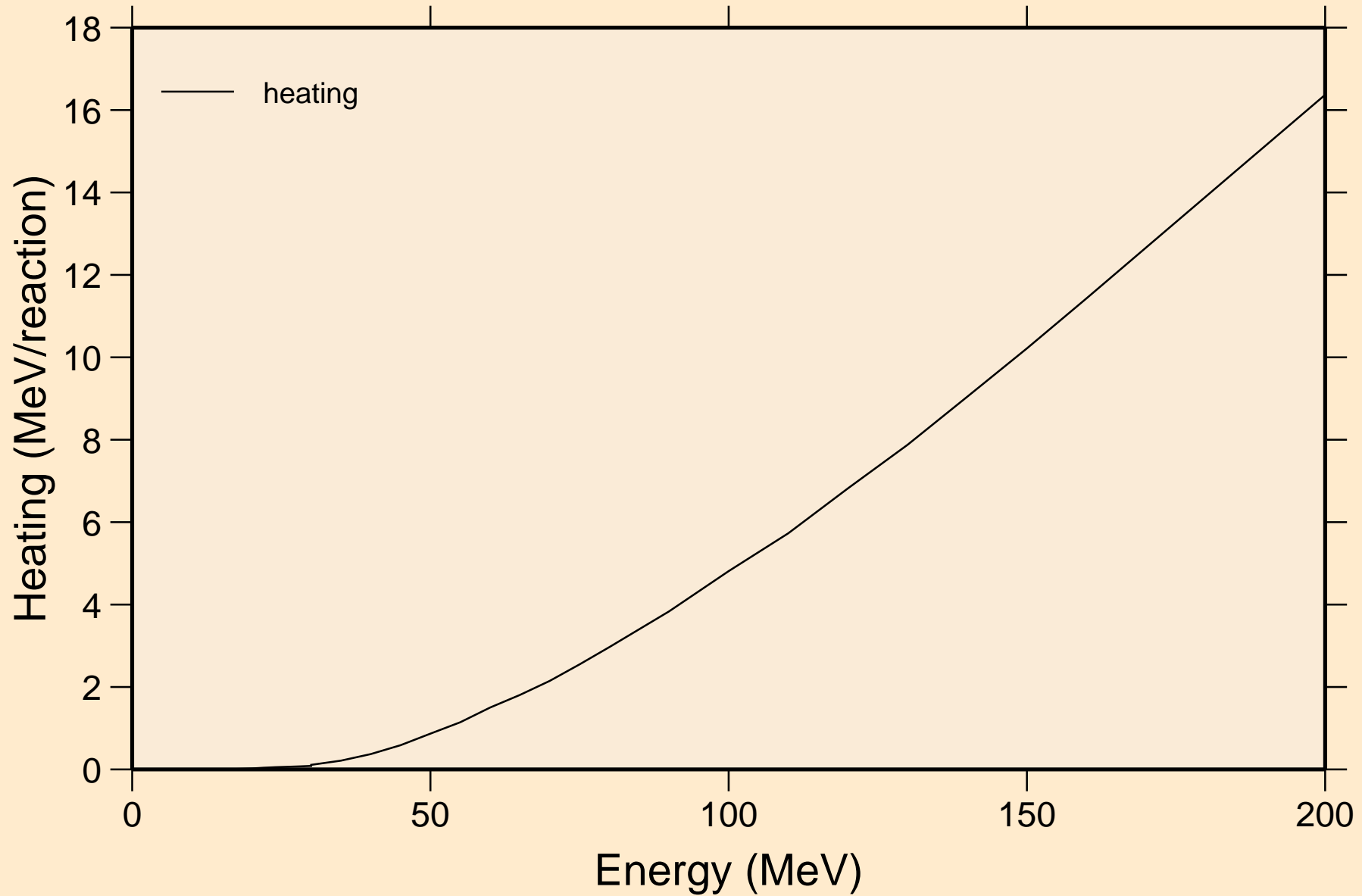
# XE117 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

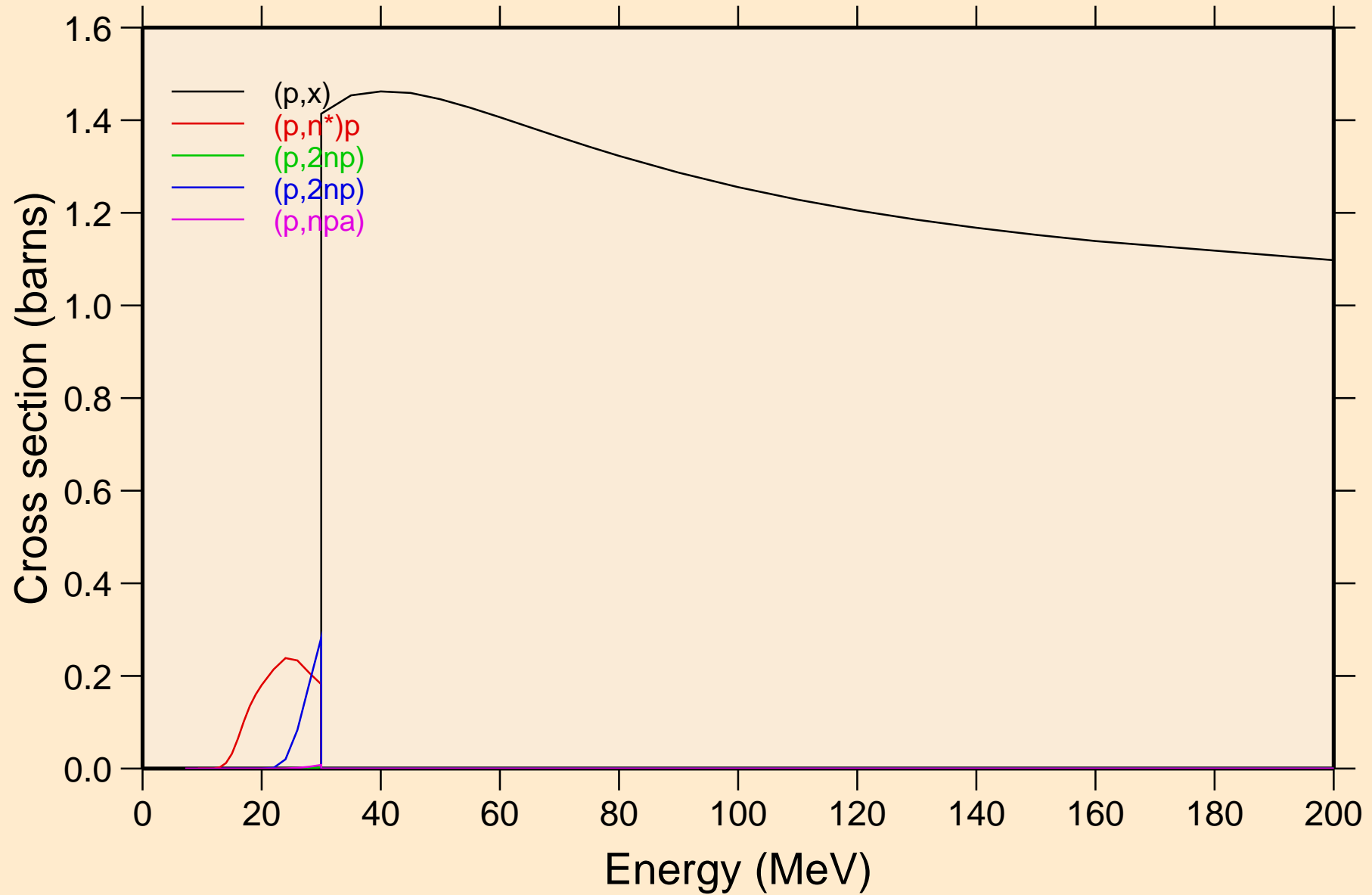


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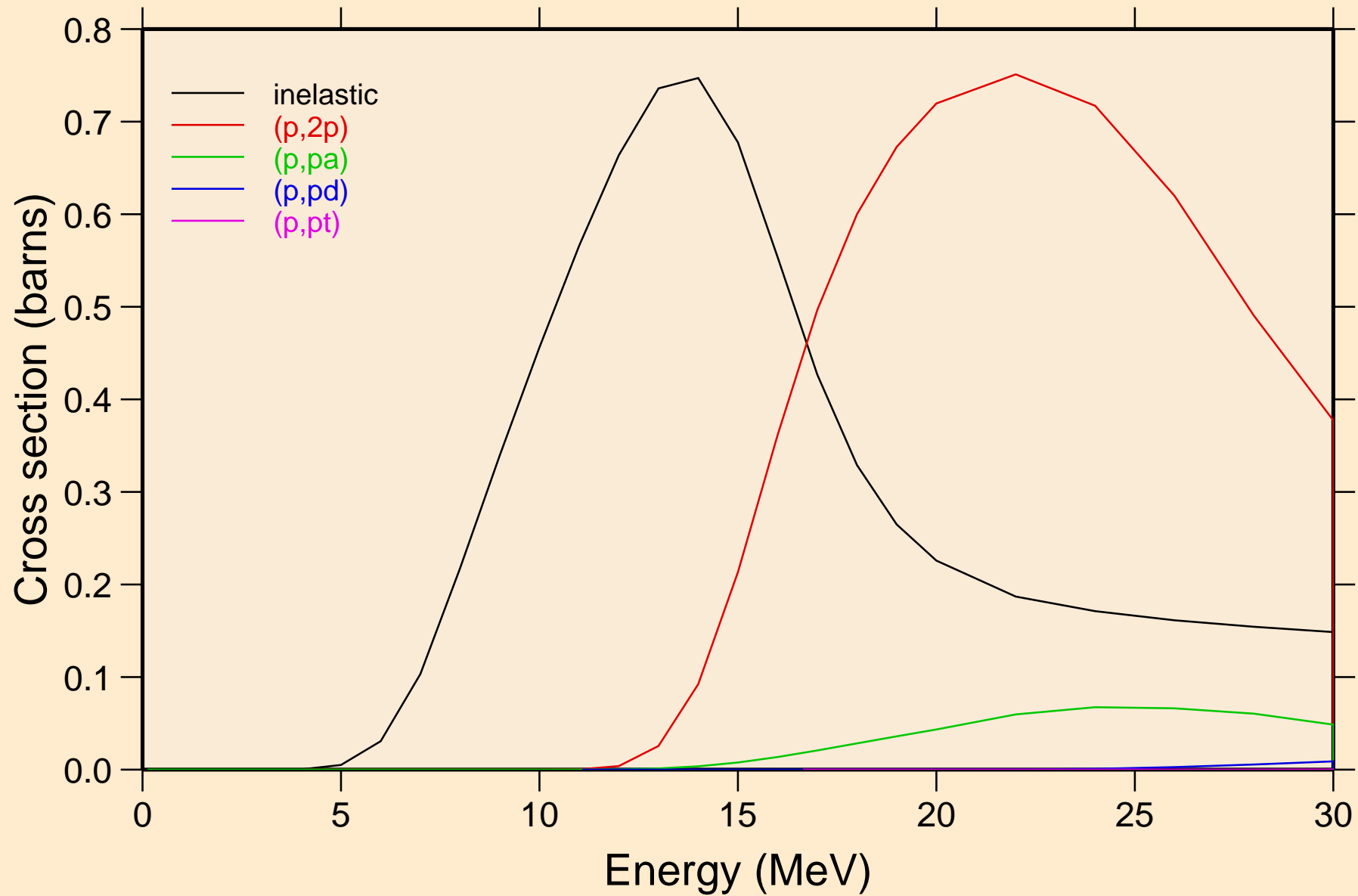
Heating



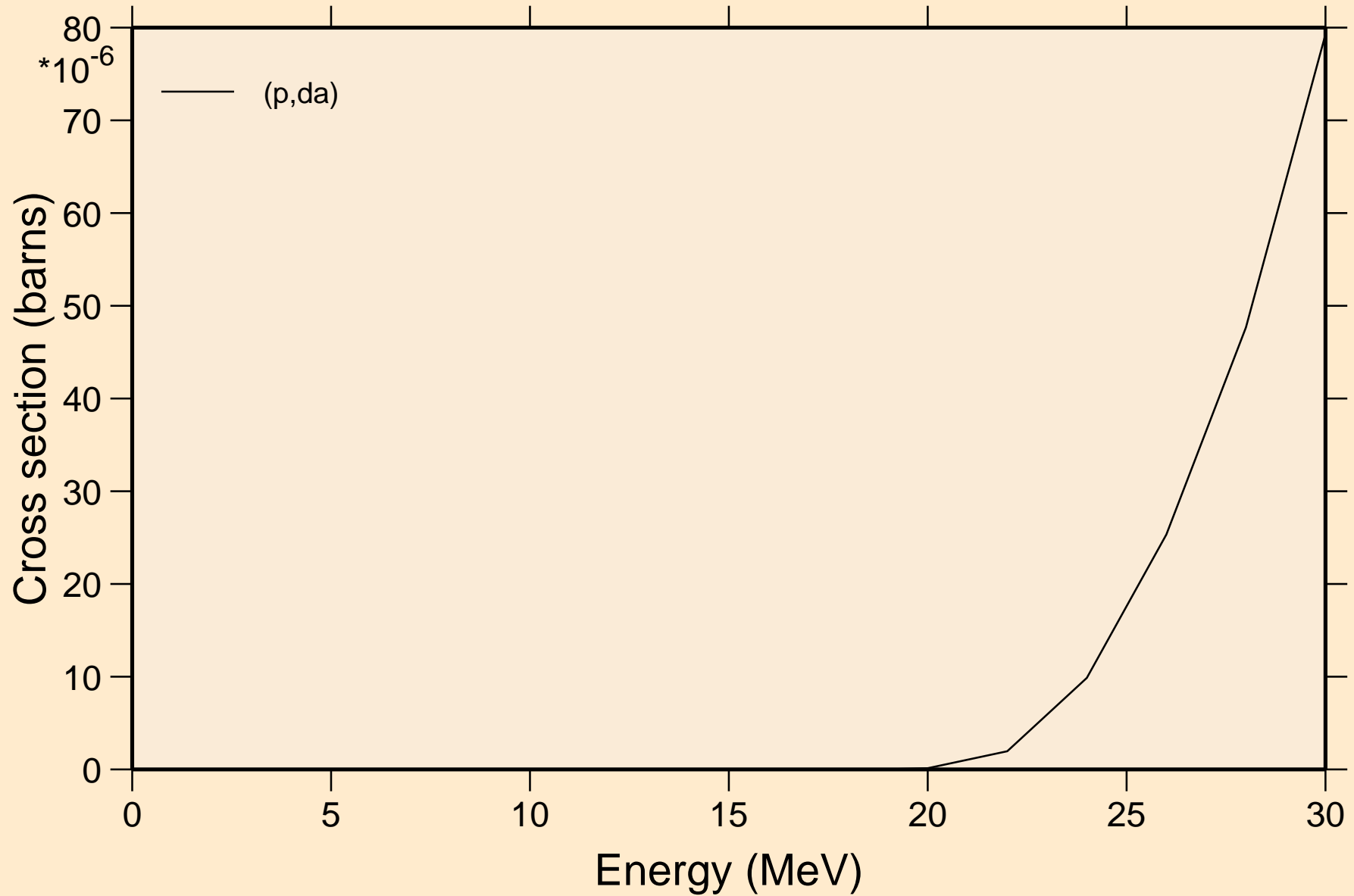
XE117 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



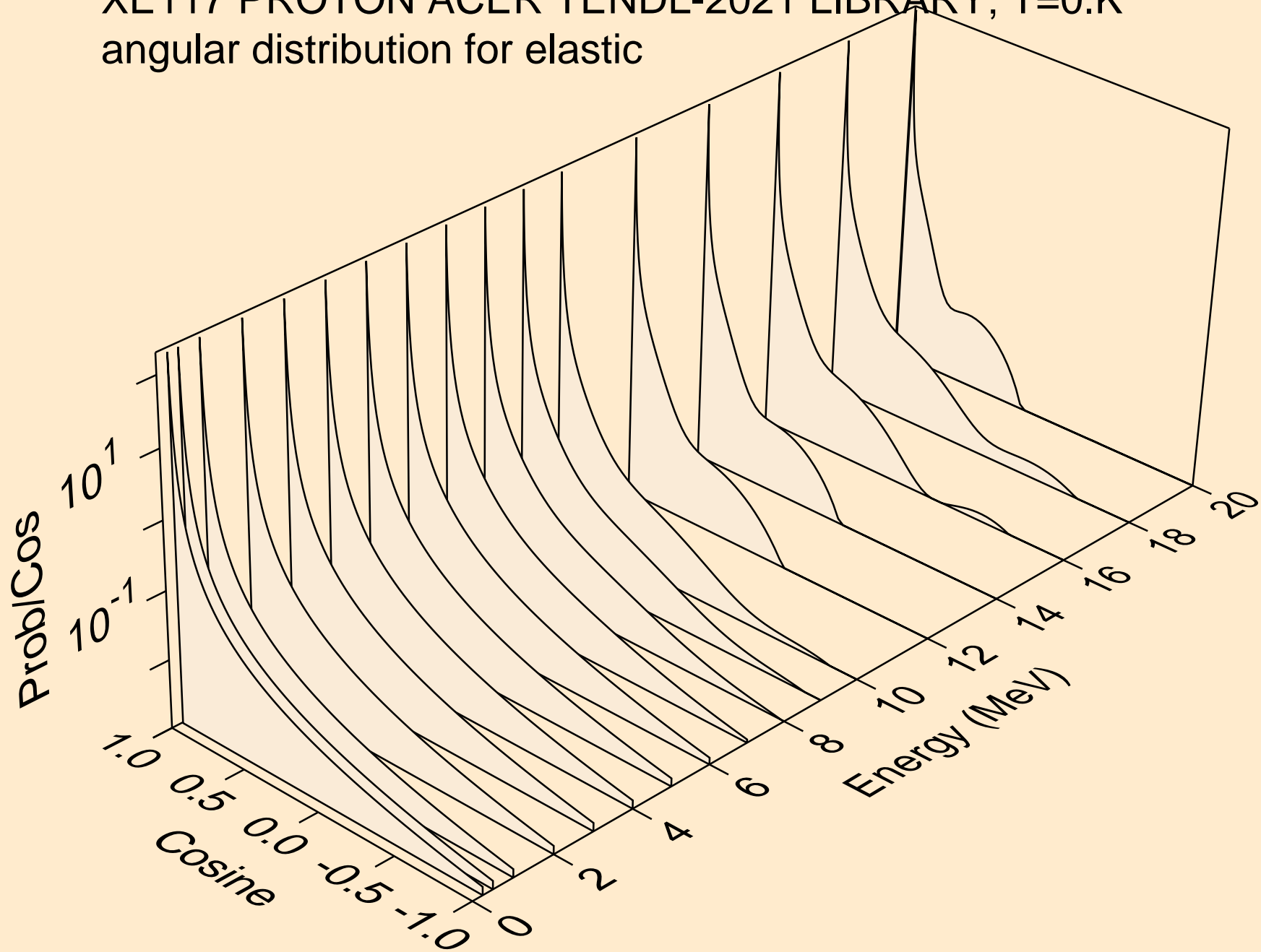
XE117 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



XE117 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

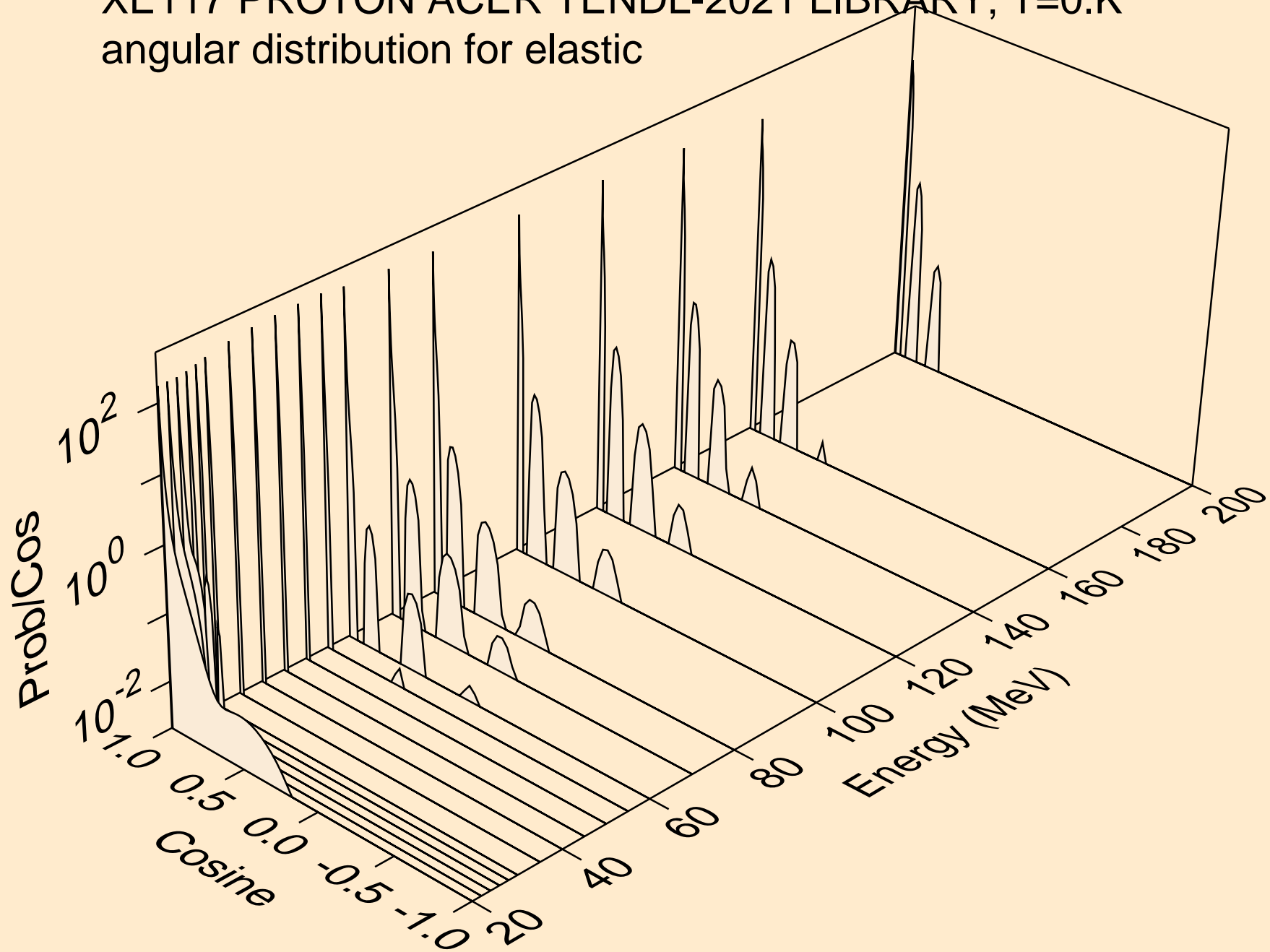


XE117 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic

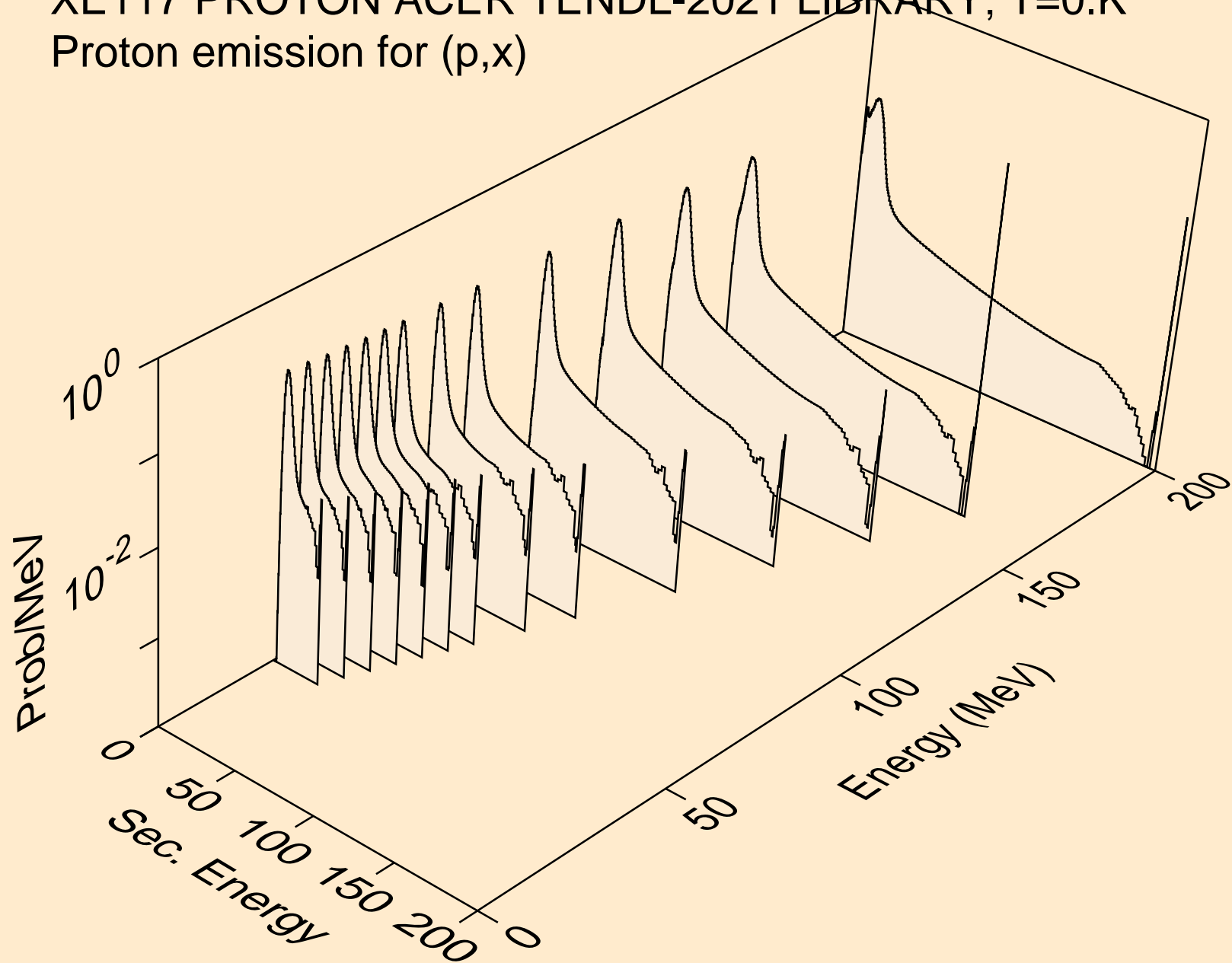




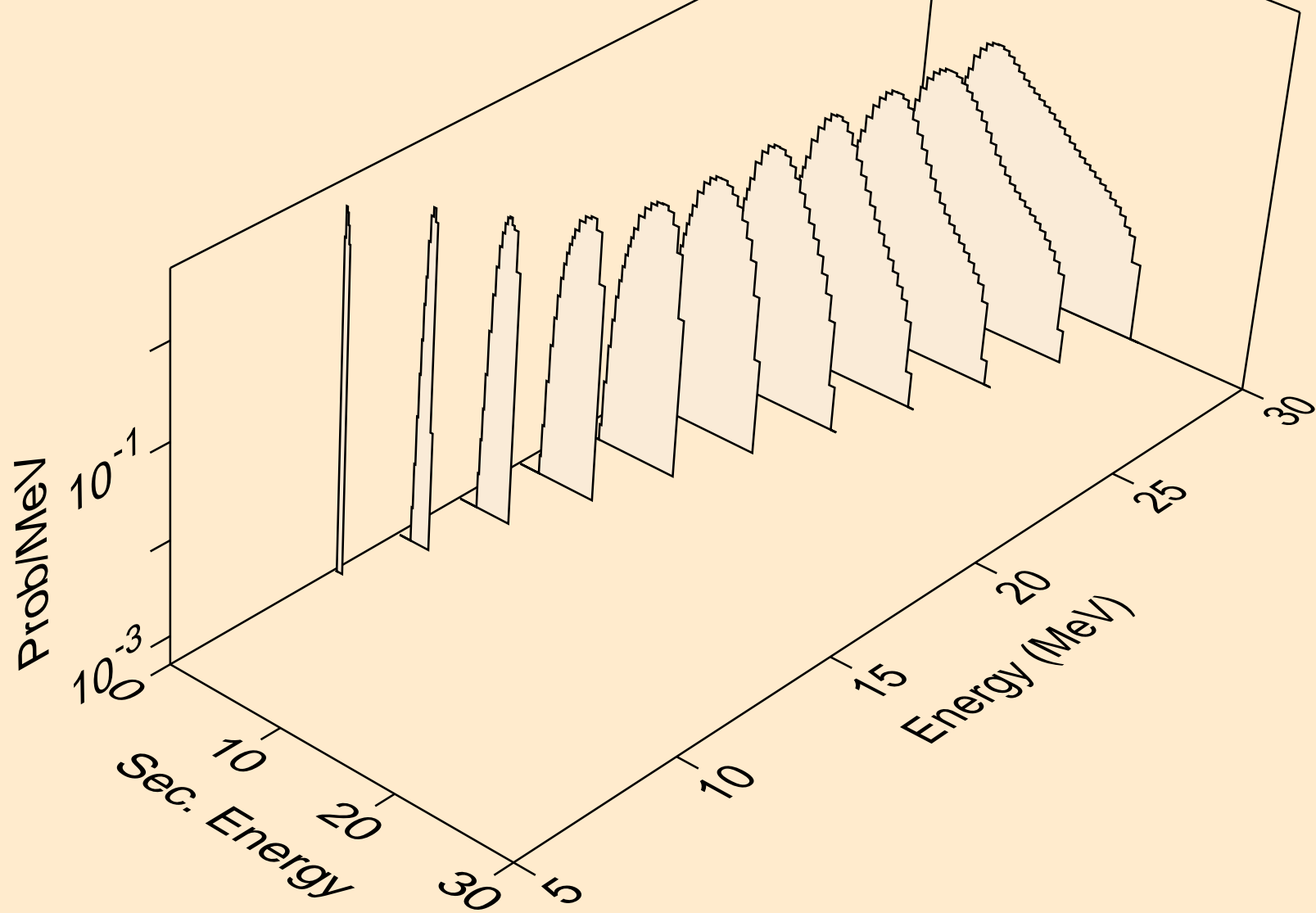
XE117 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



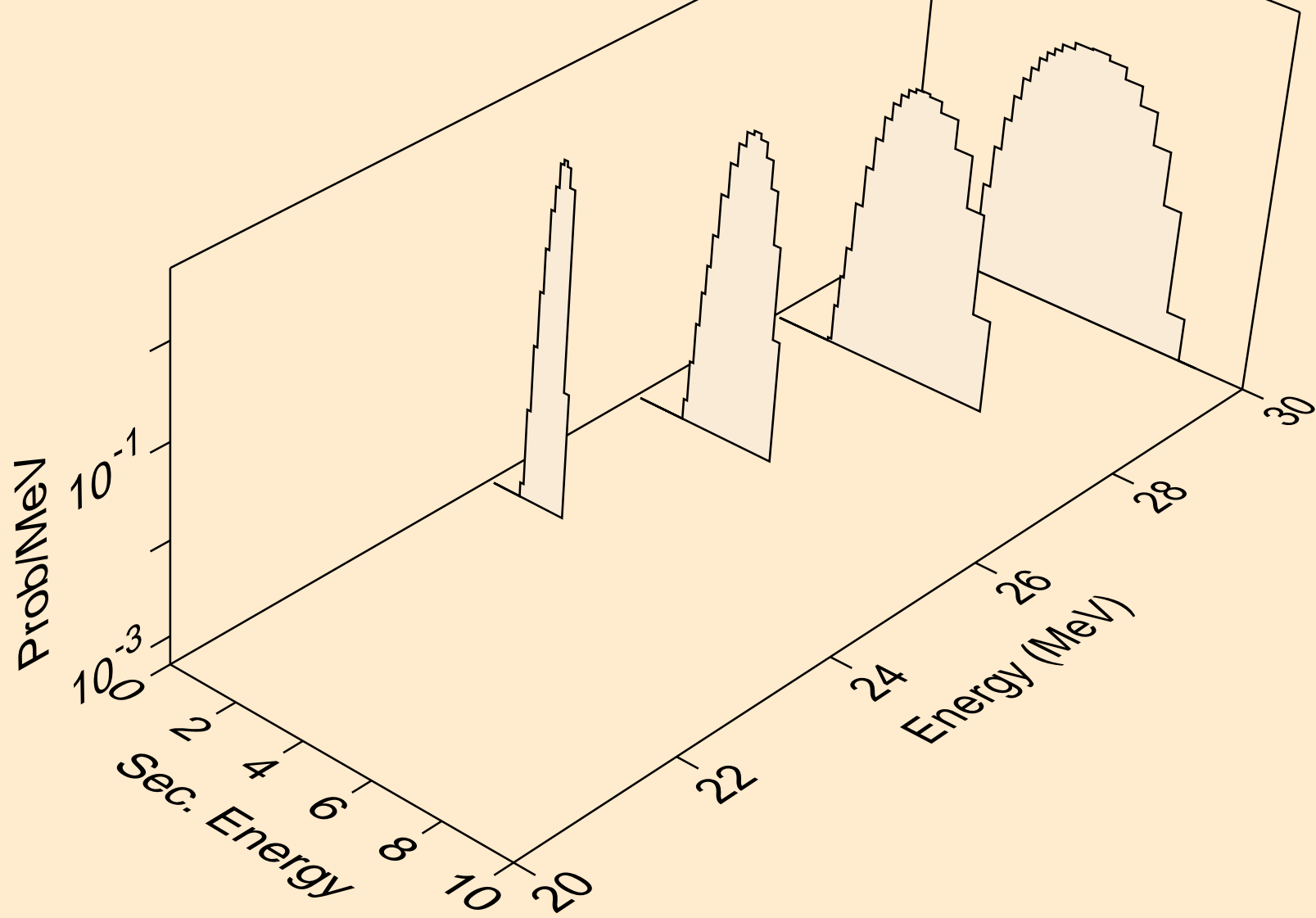
XE117 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,x)



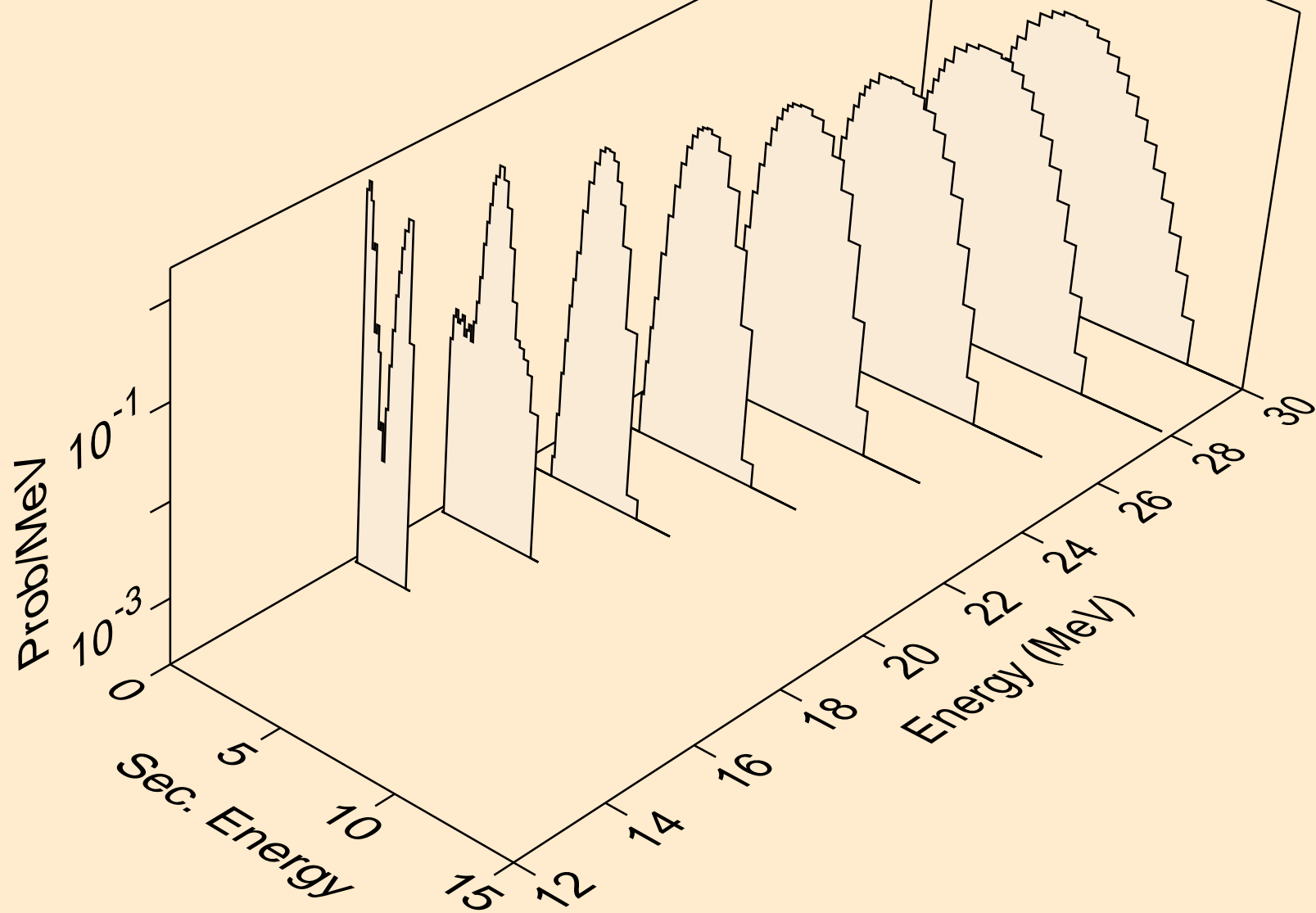
XE117 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



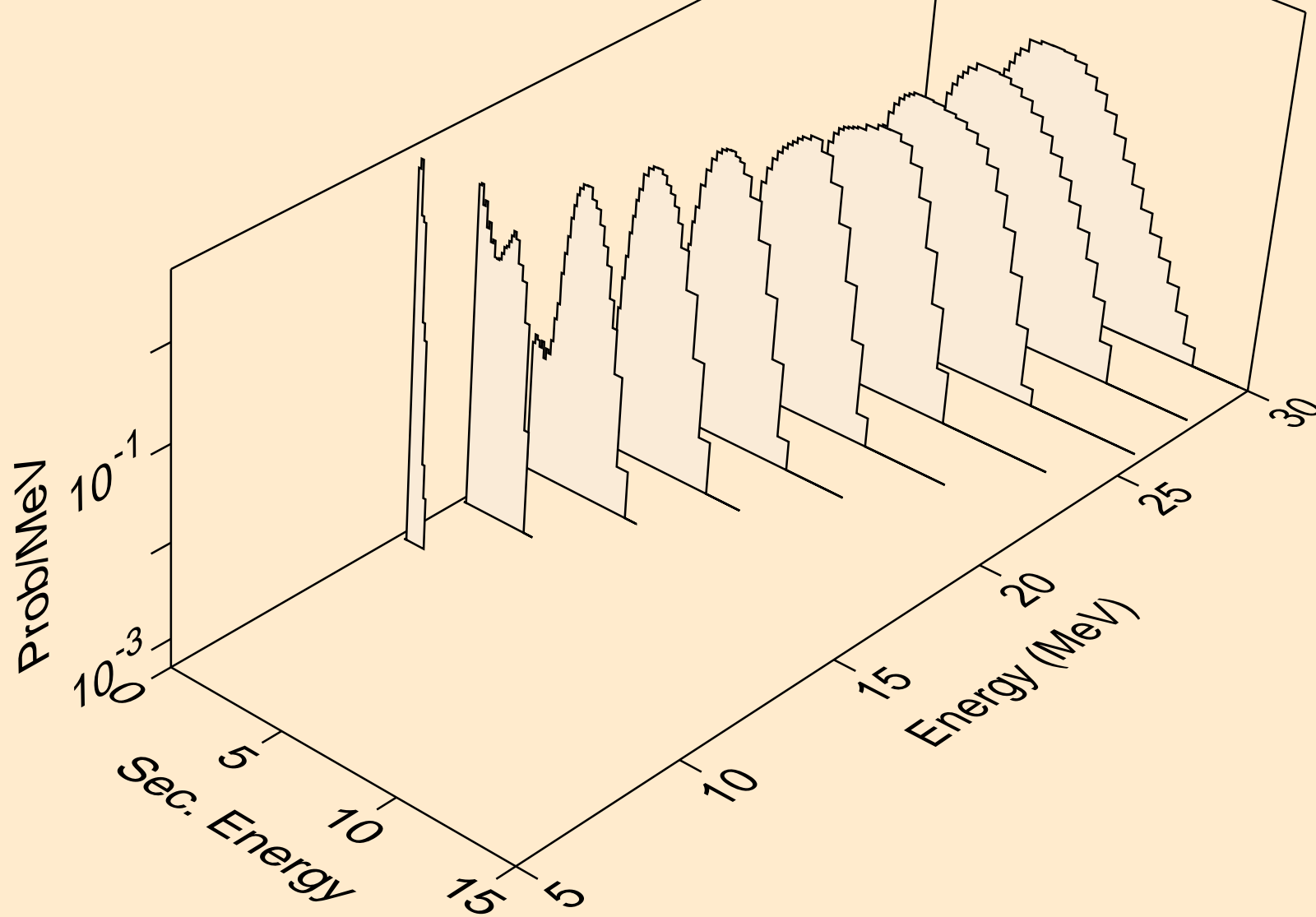
XE117 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2np)



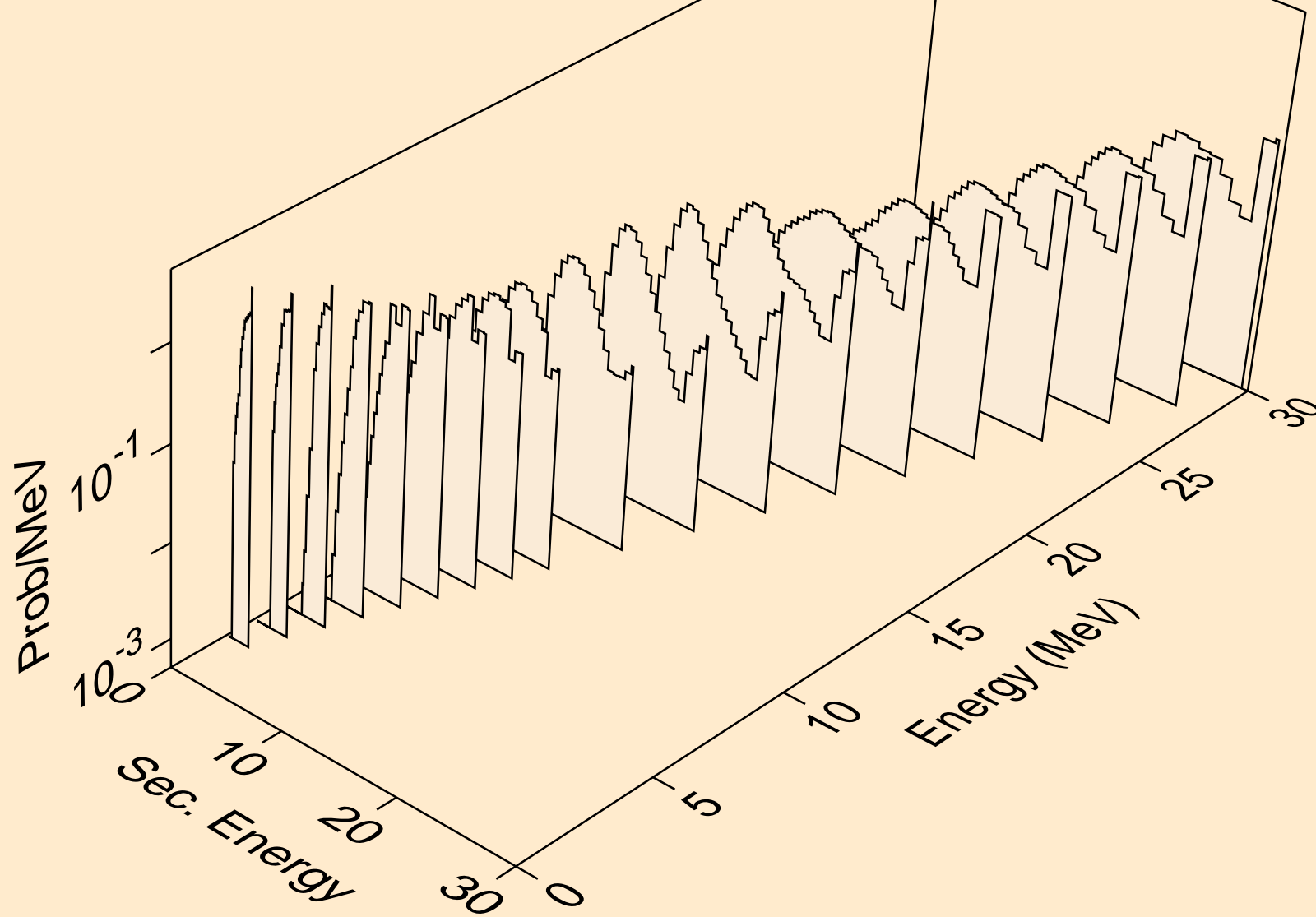
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Proton emission for (p,2np)



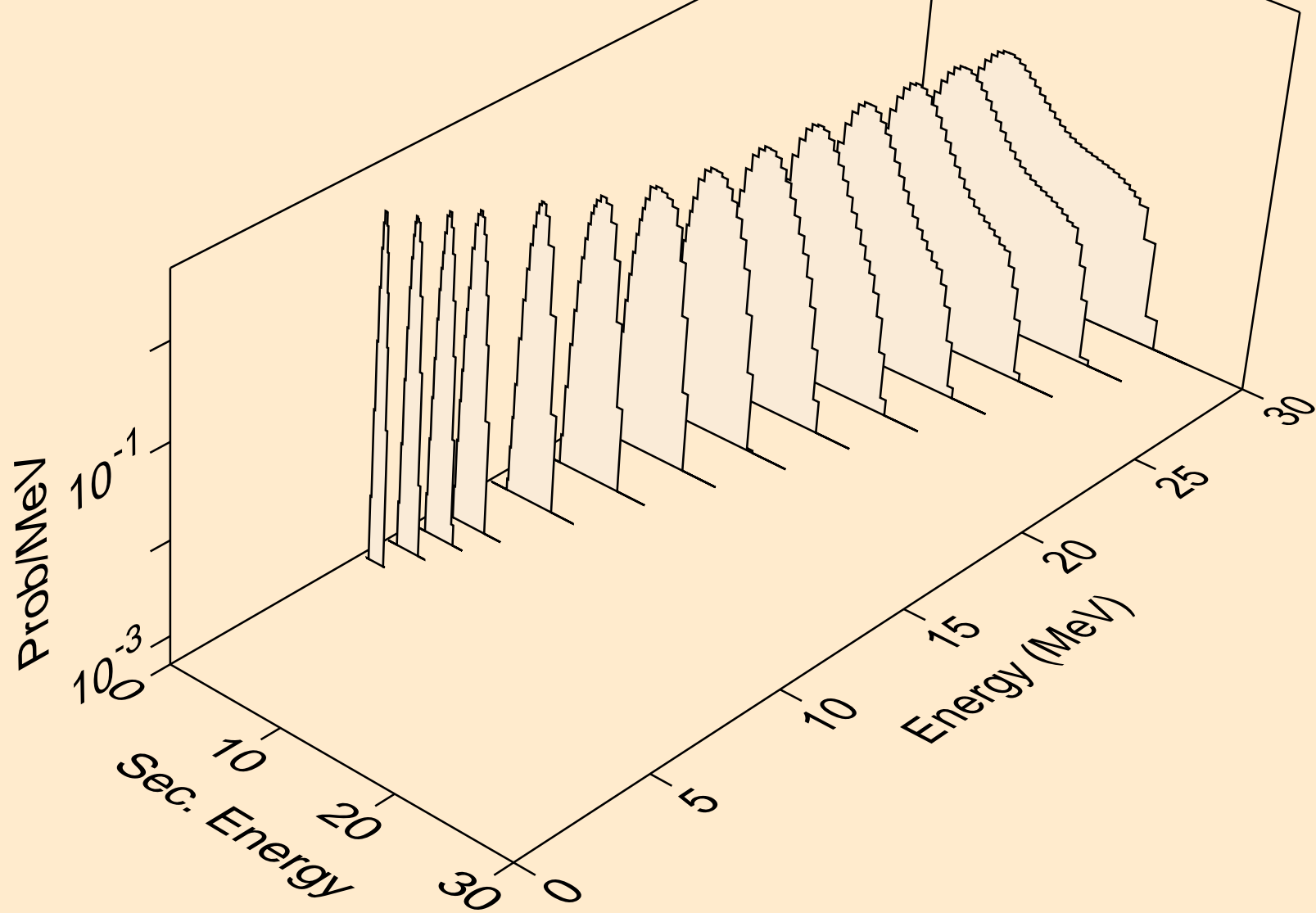
XE117 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,npa)



XE117 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for inelastic

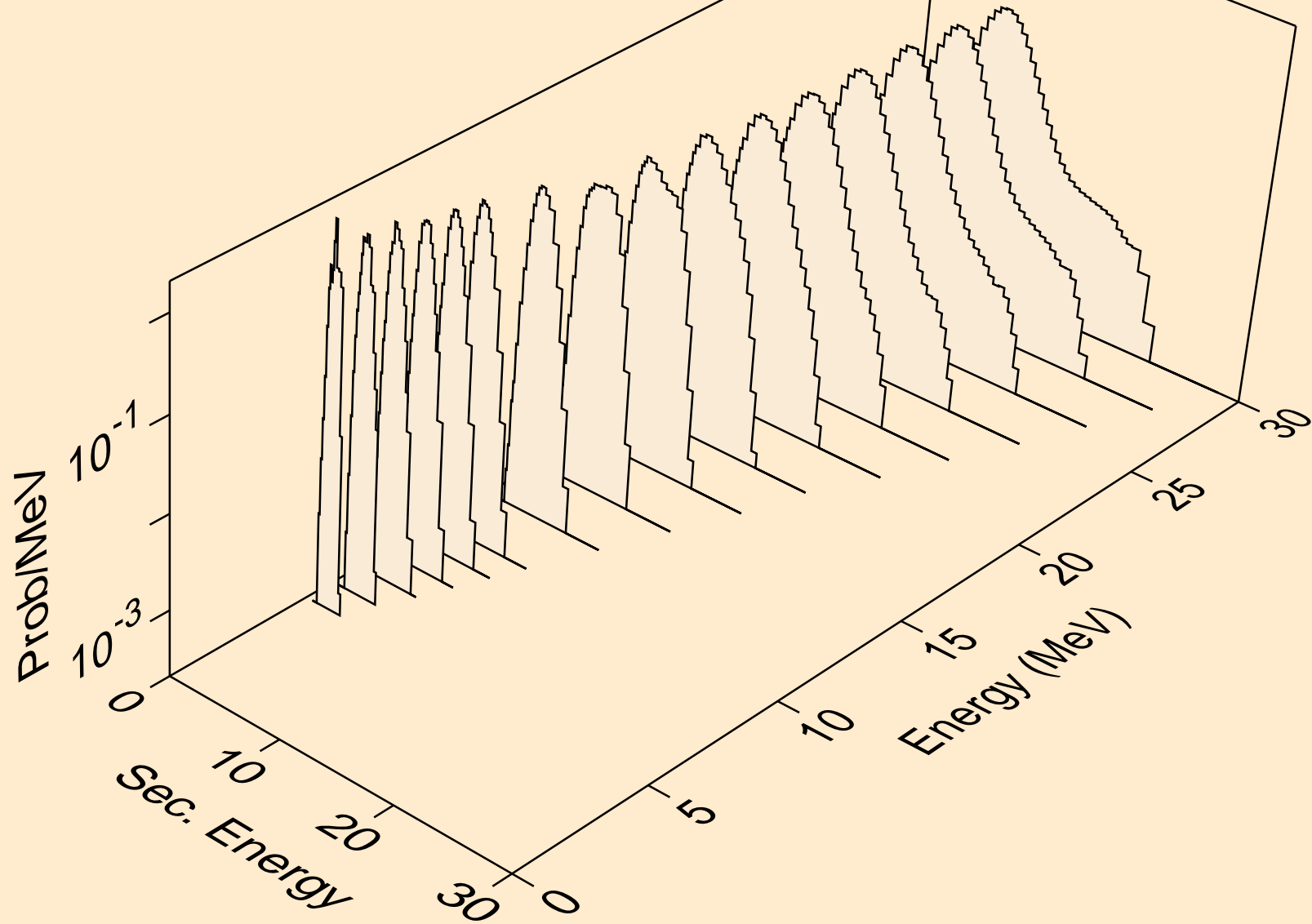


XE117 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2p)

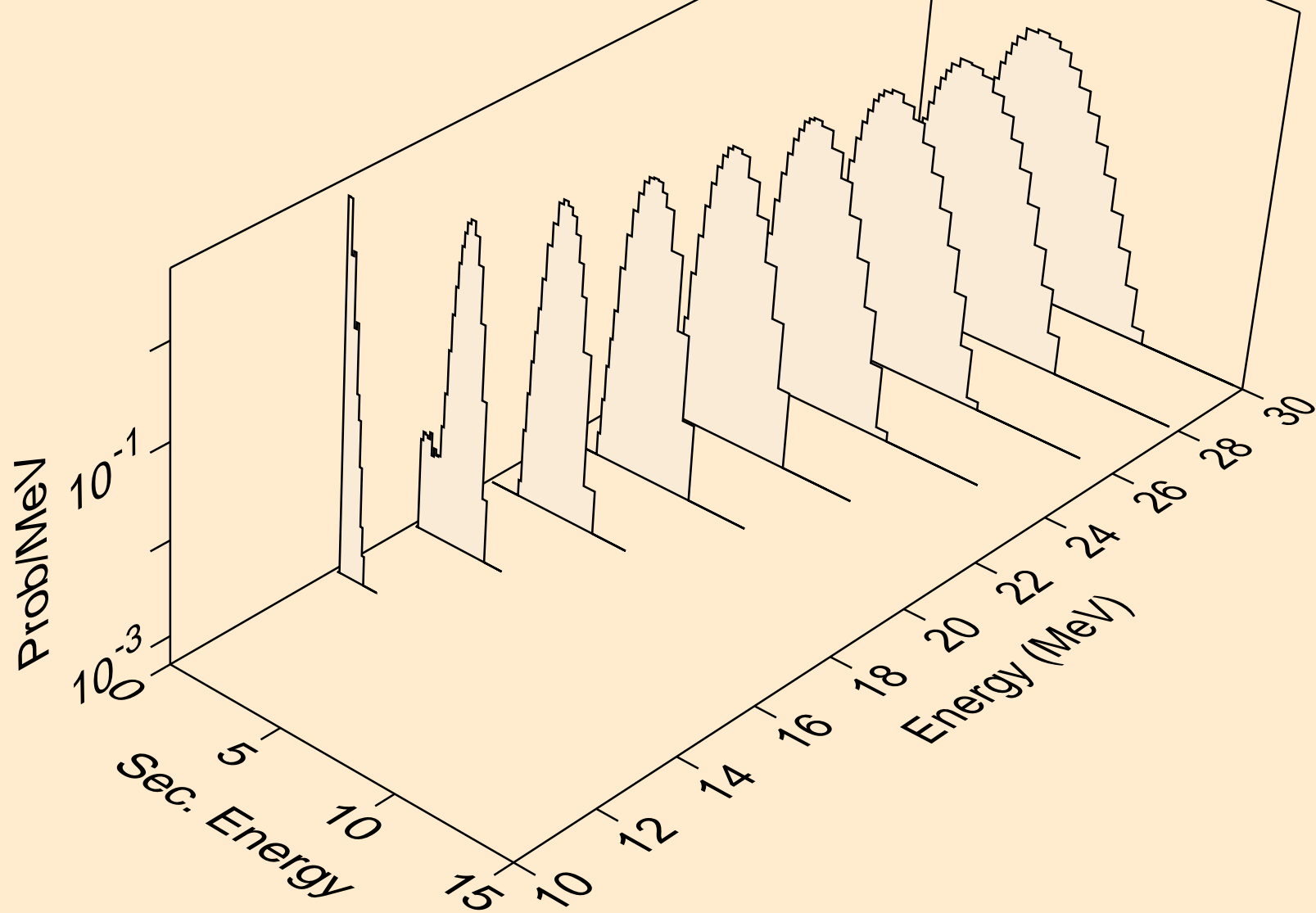




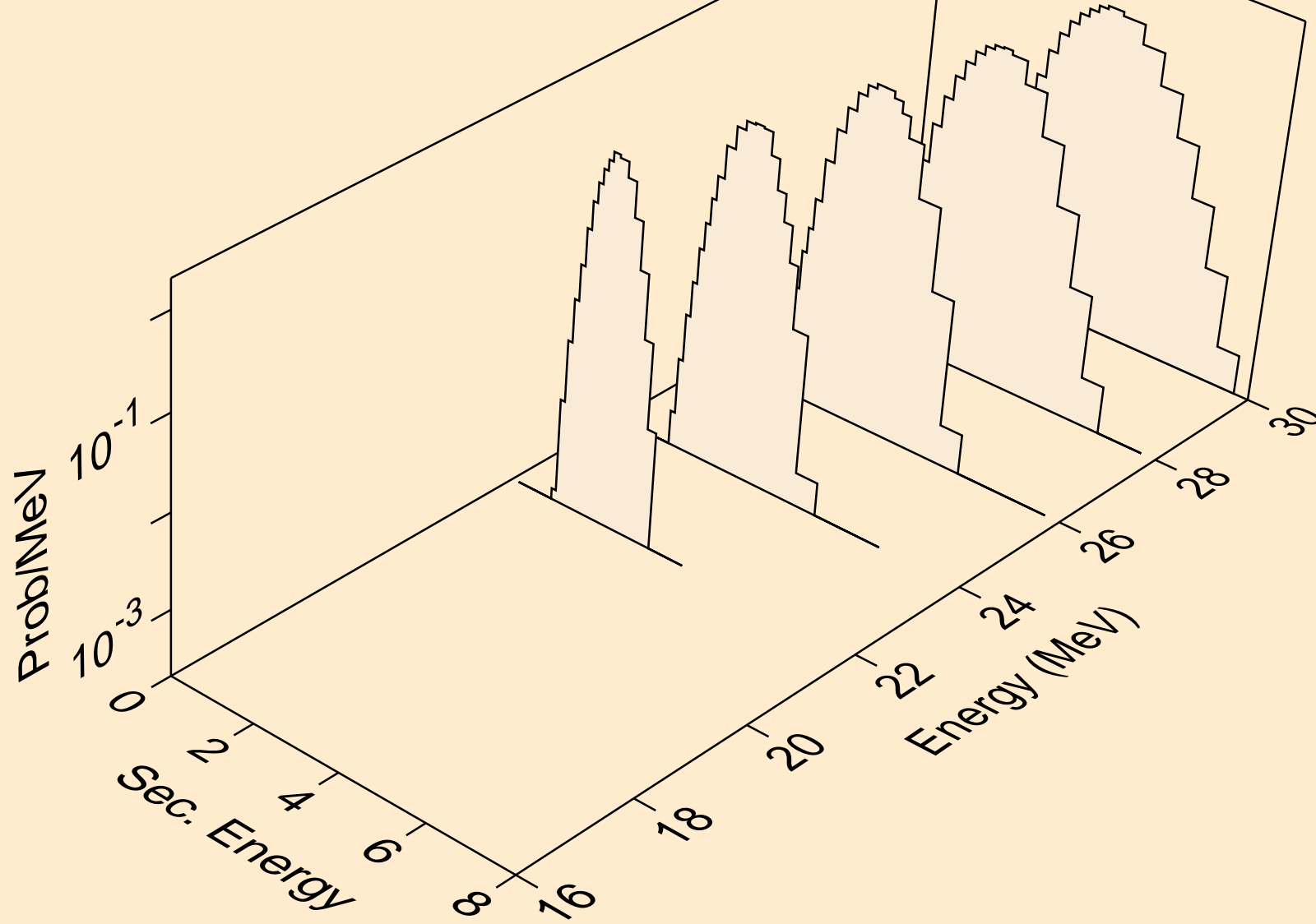
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Proton emission for (p,pa)



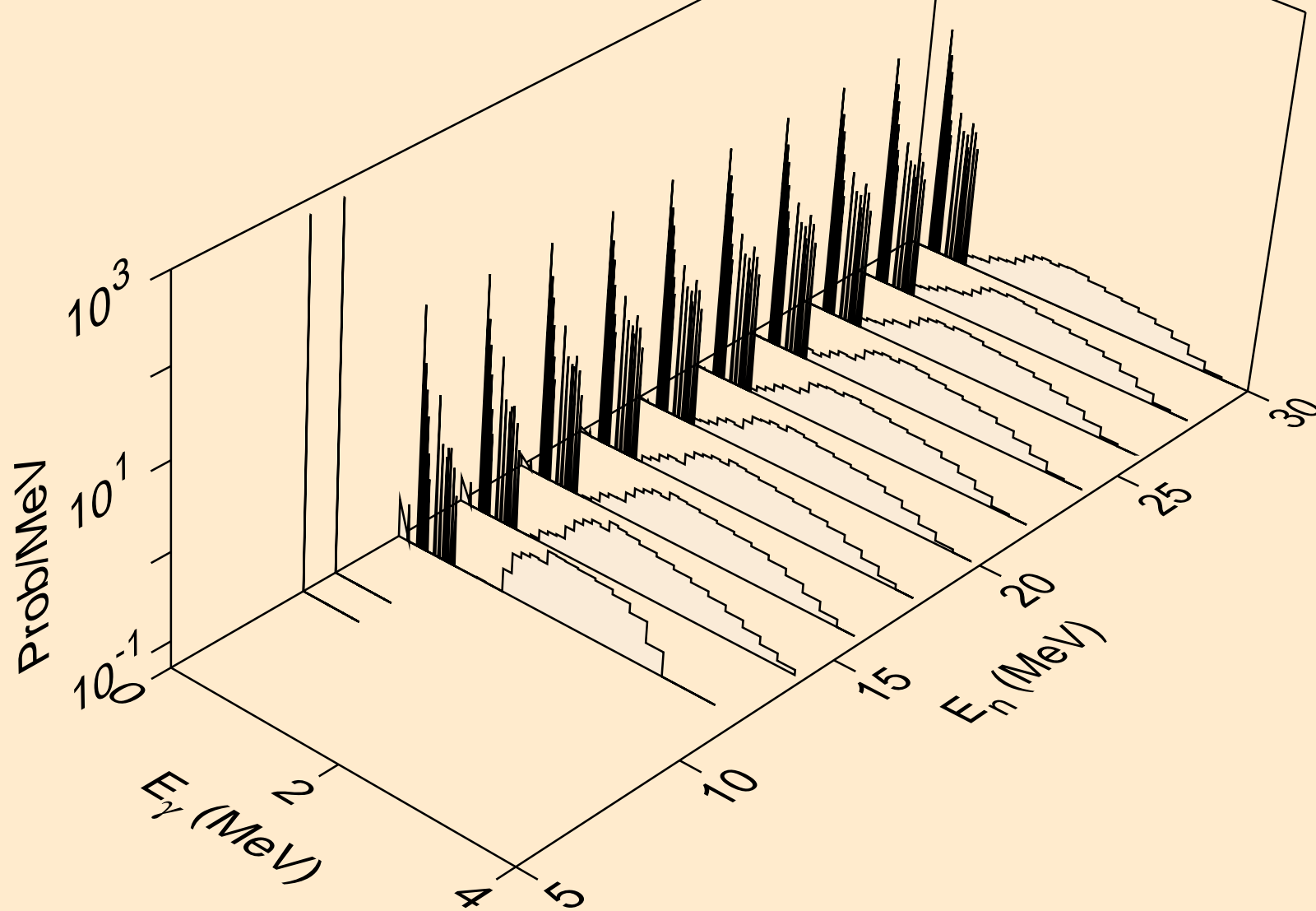
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Proton emission for (p,pd)



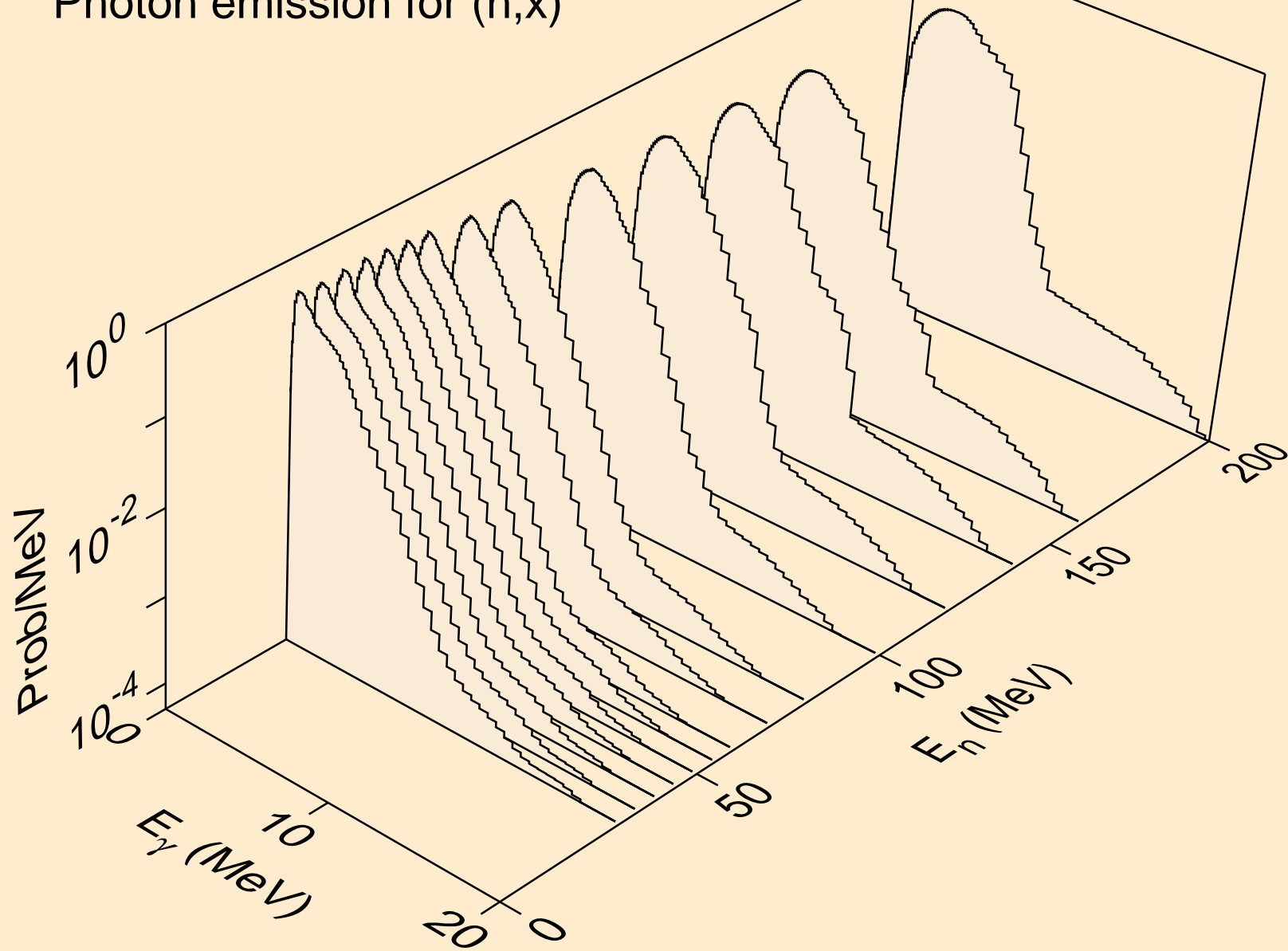
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Proton emission for (p,pt)



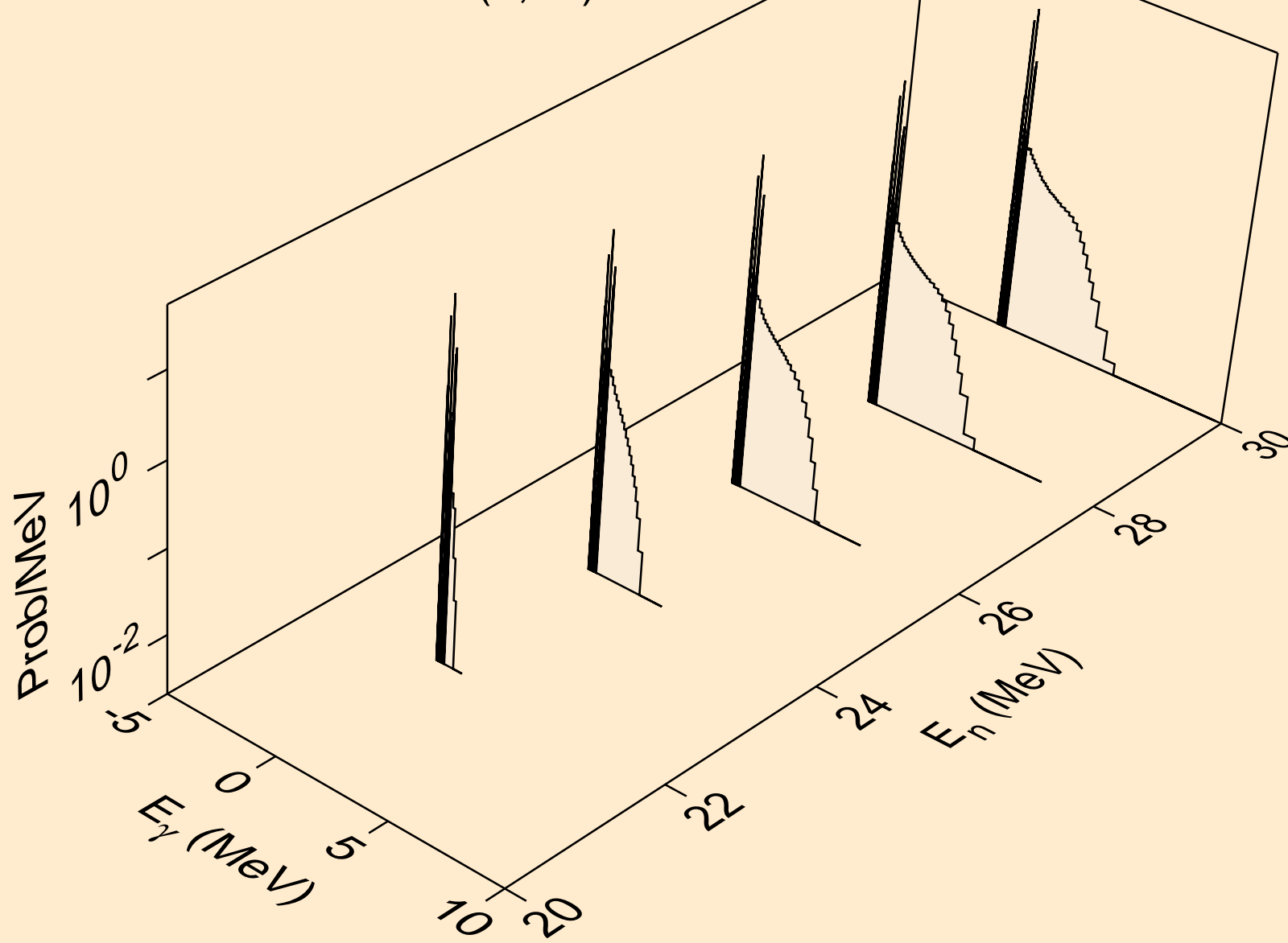
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Photon emission for (z,n)



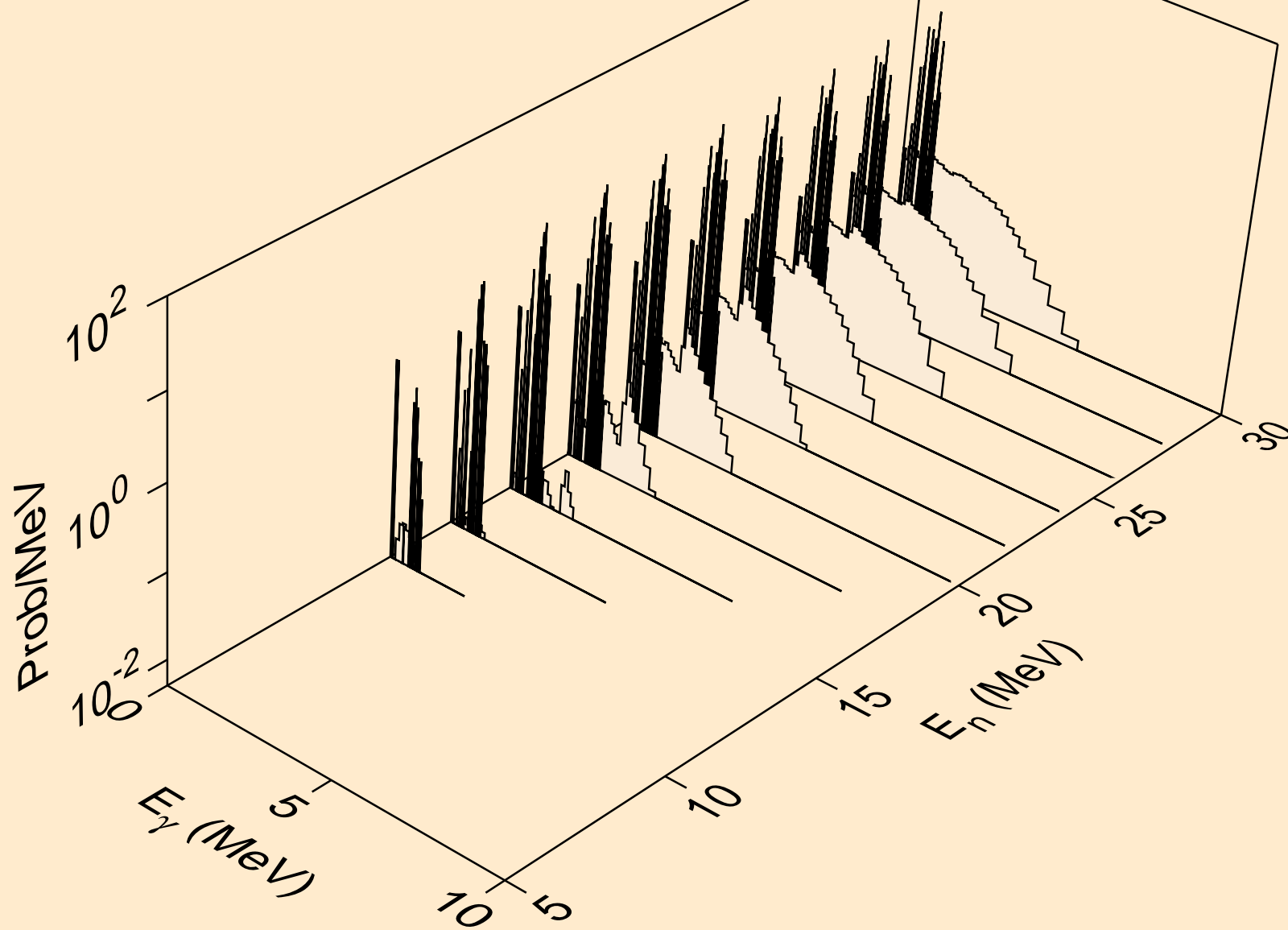
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Photon emission for (n,x)



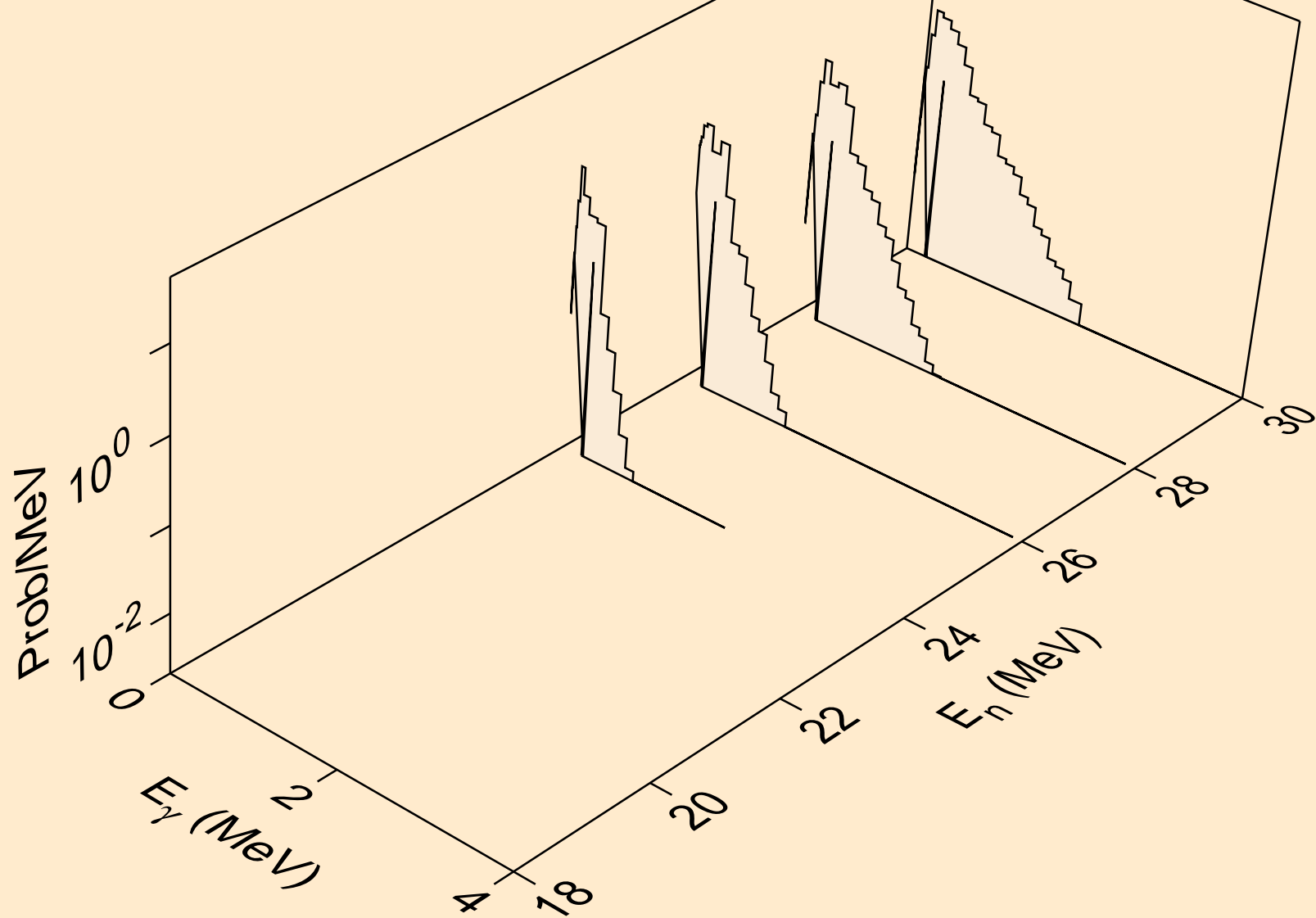
XE117 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



XE117 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

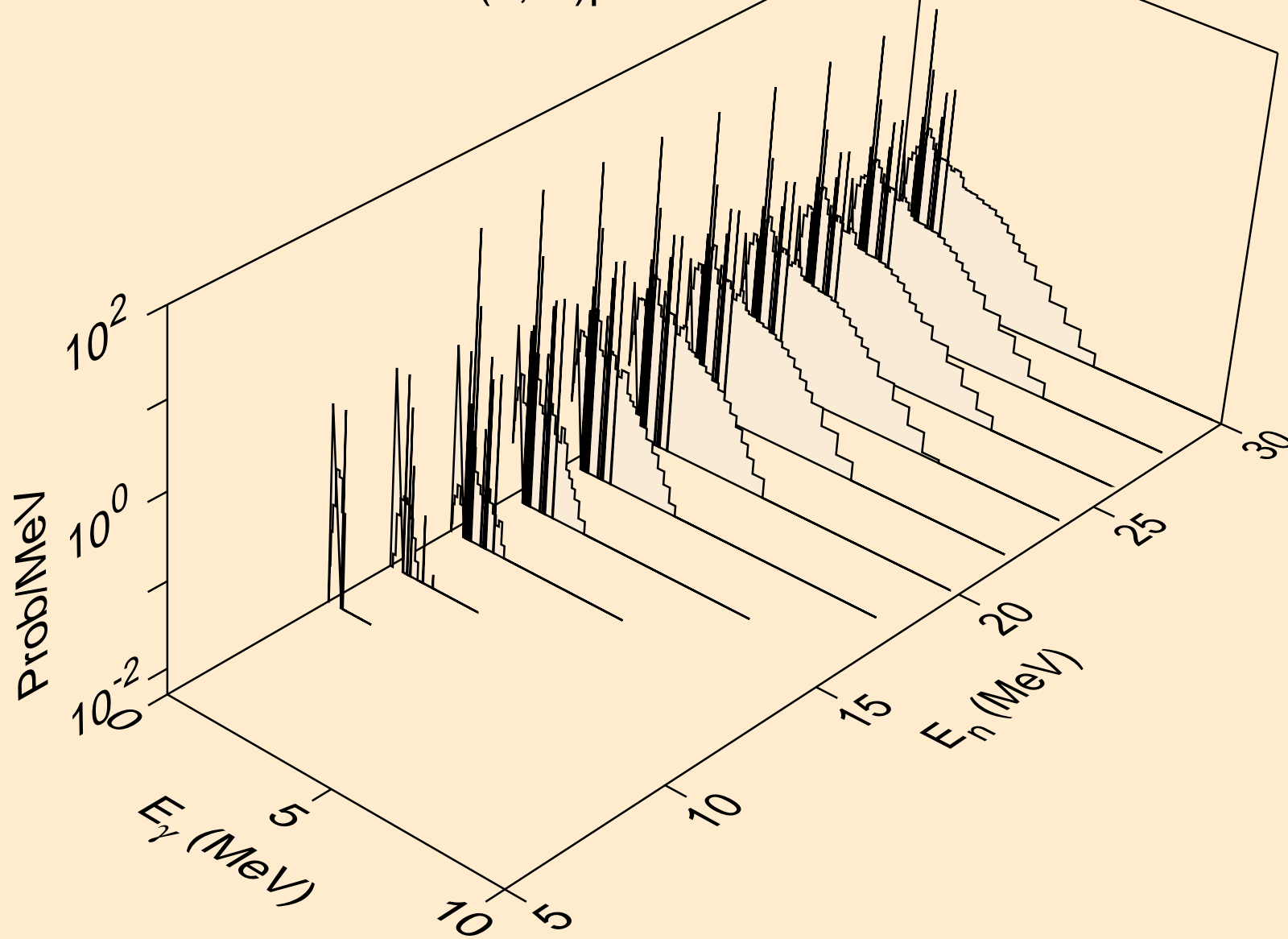


XE117 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a

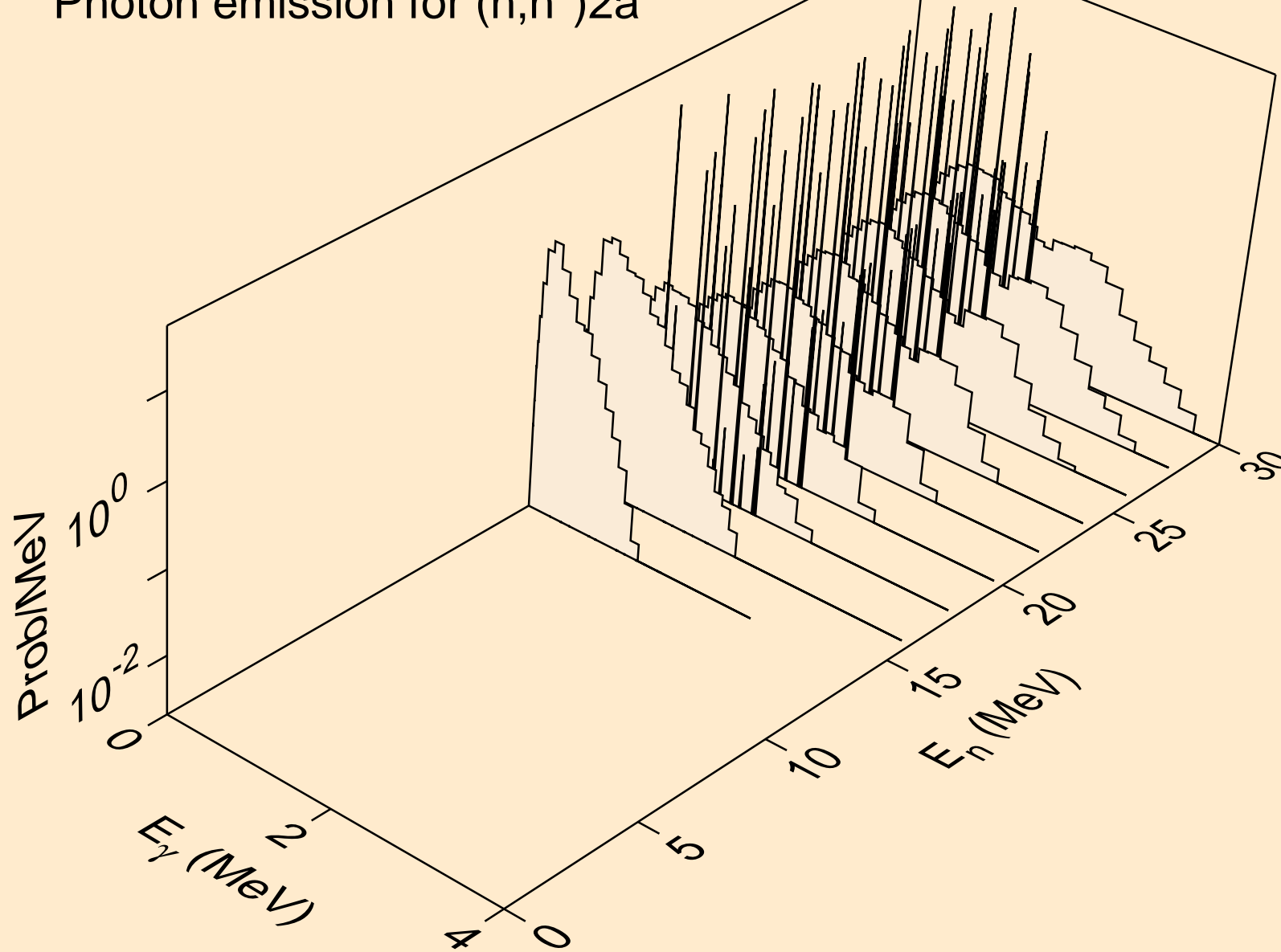




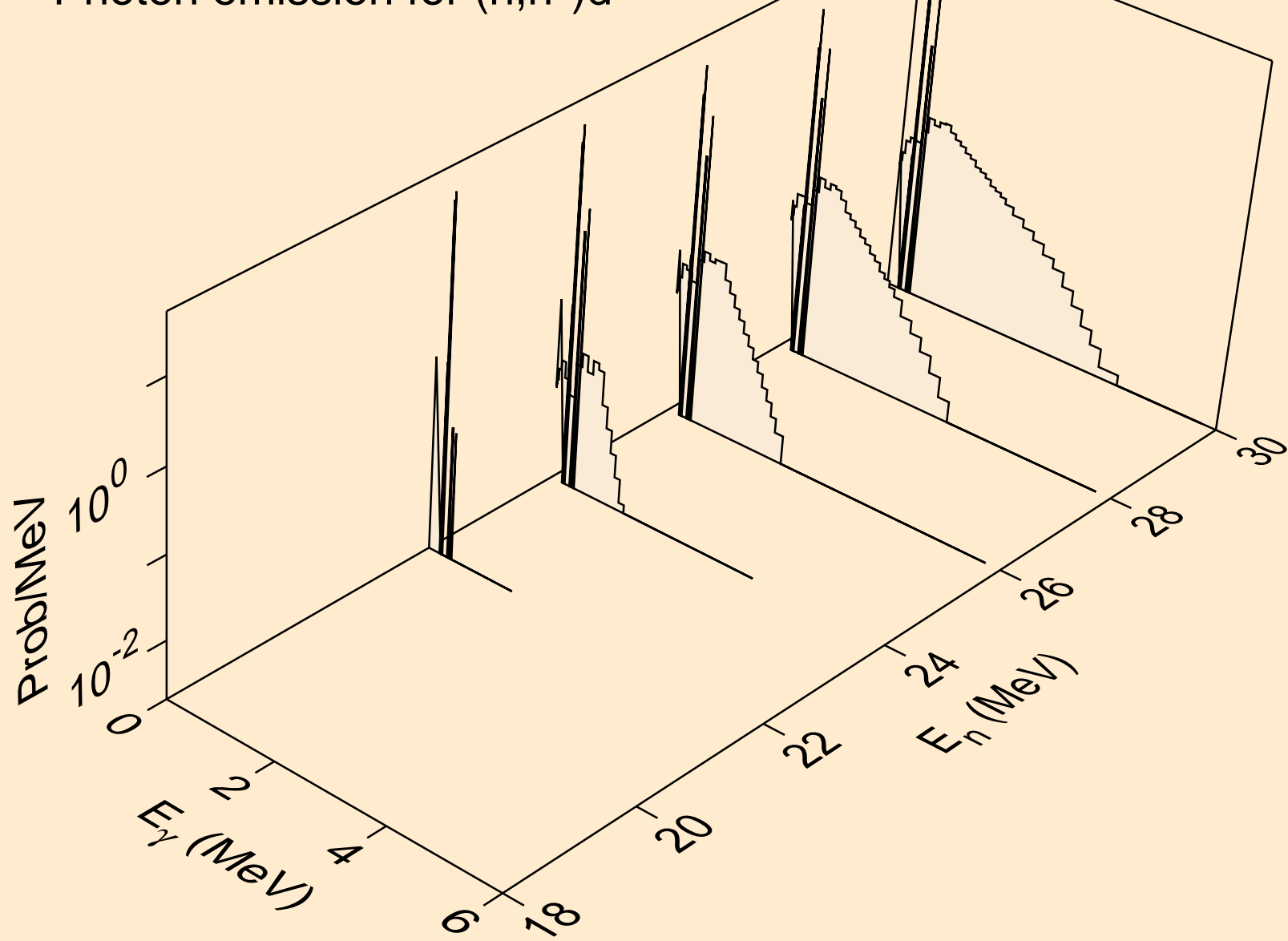
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Photon emission for (n,n\*)p



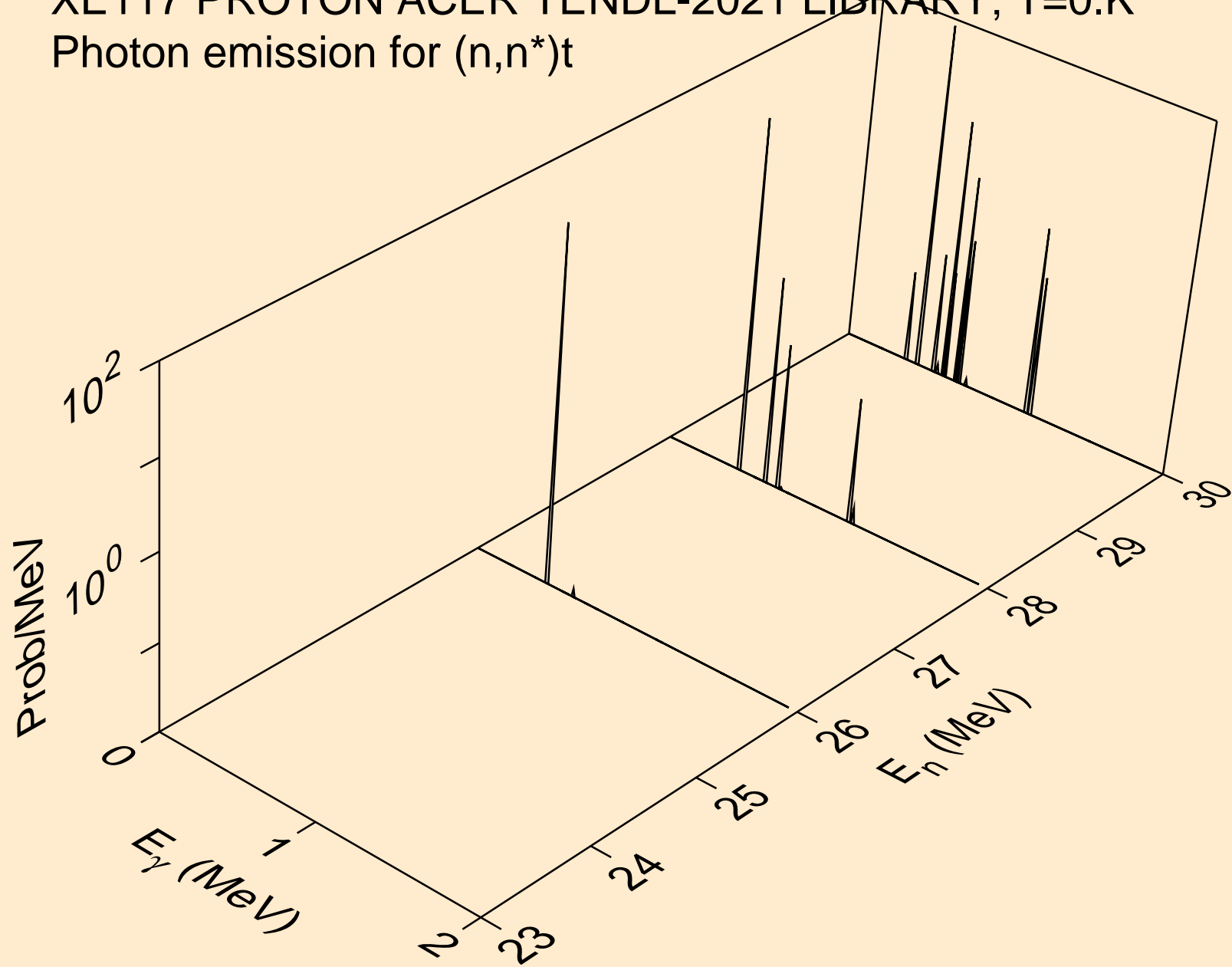
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Photon emission for (n,n\*)2a



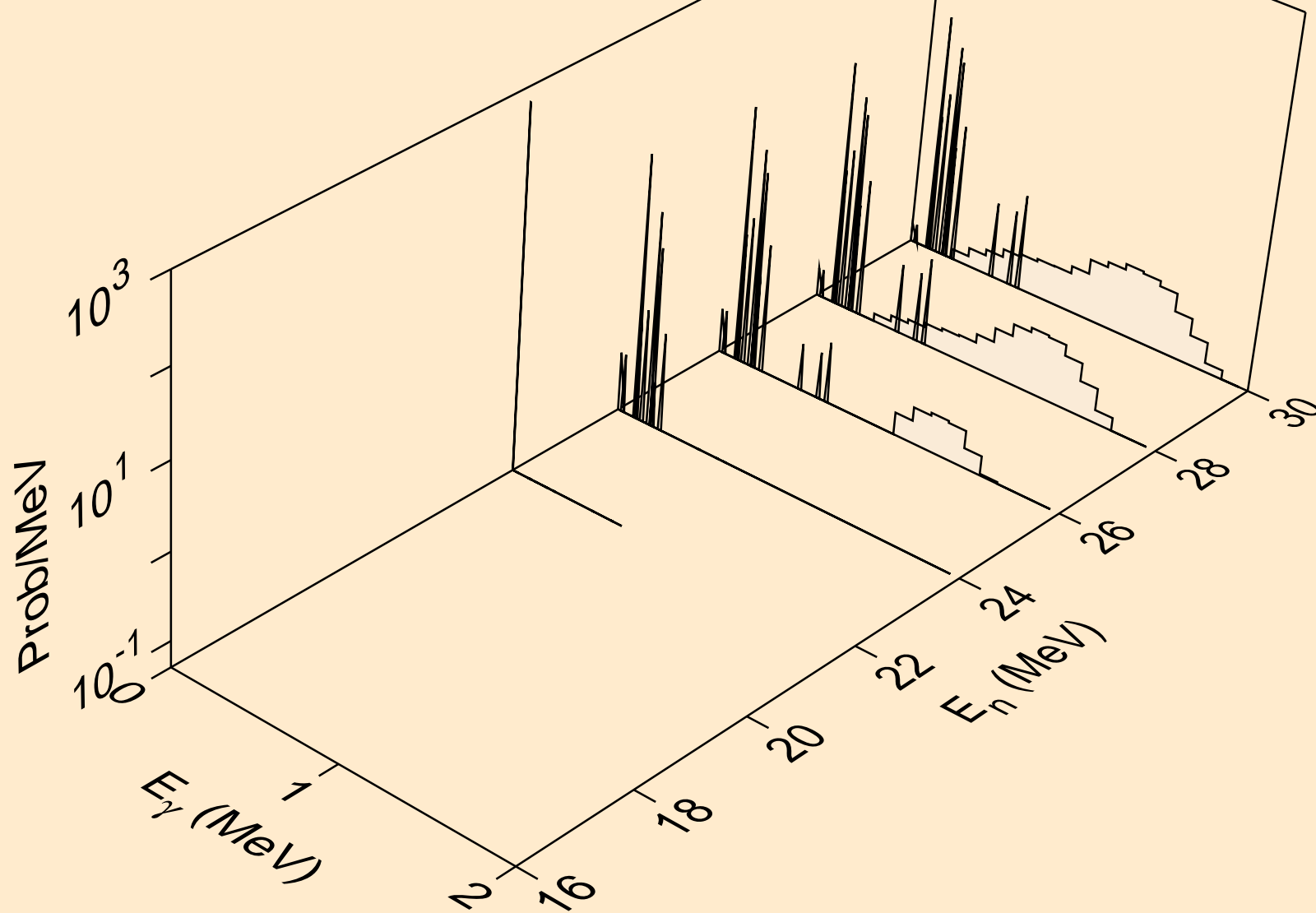
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Photon emission for (n,n\*)d



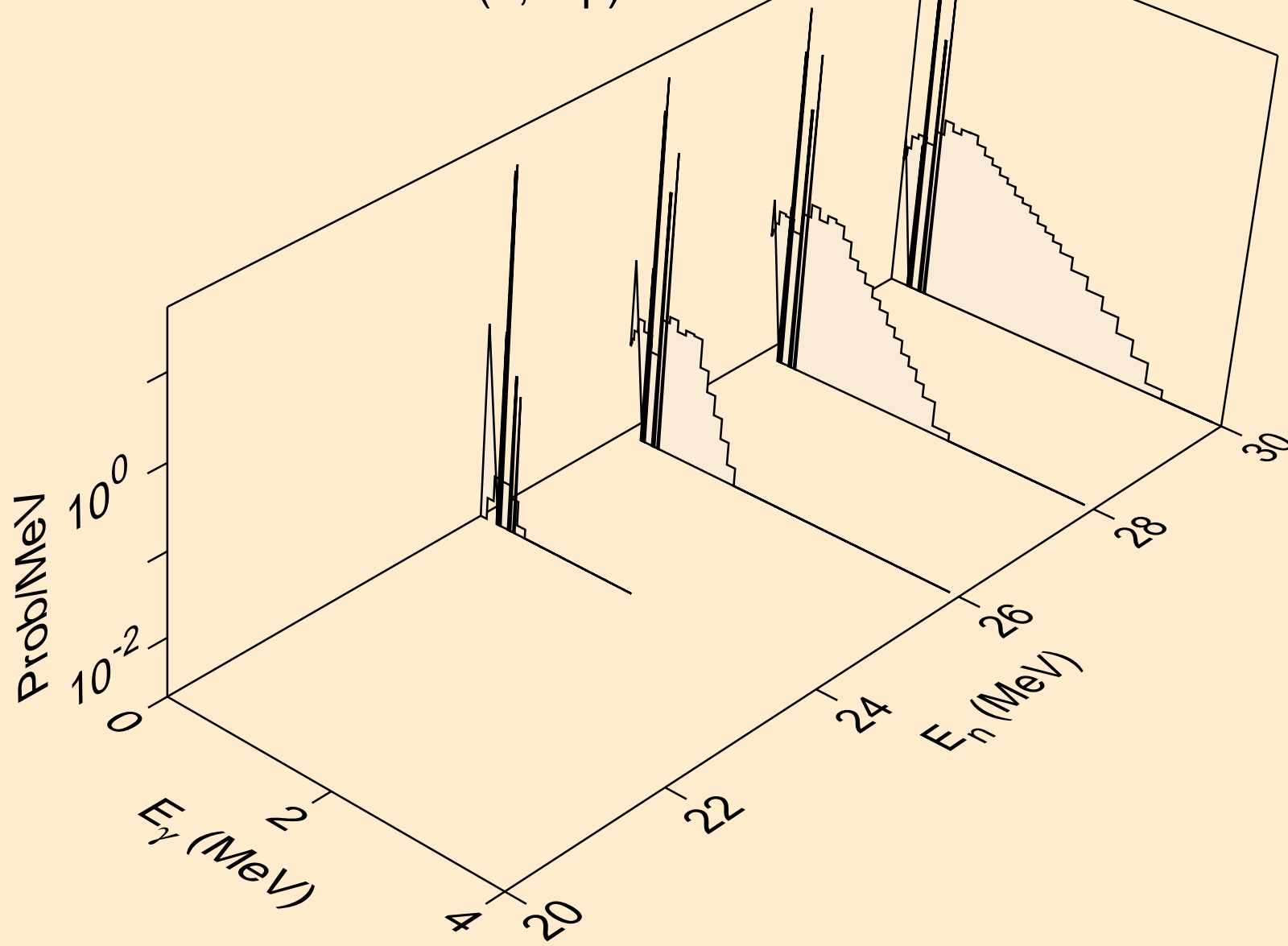
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Photon emission for (n,n\*)t



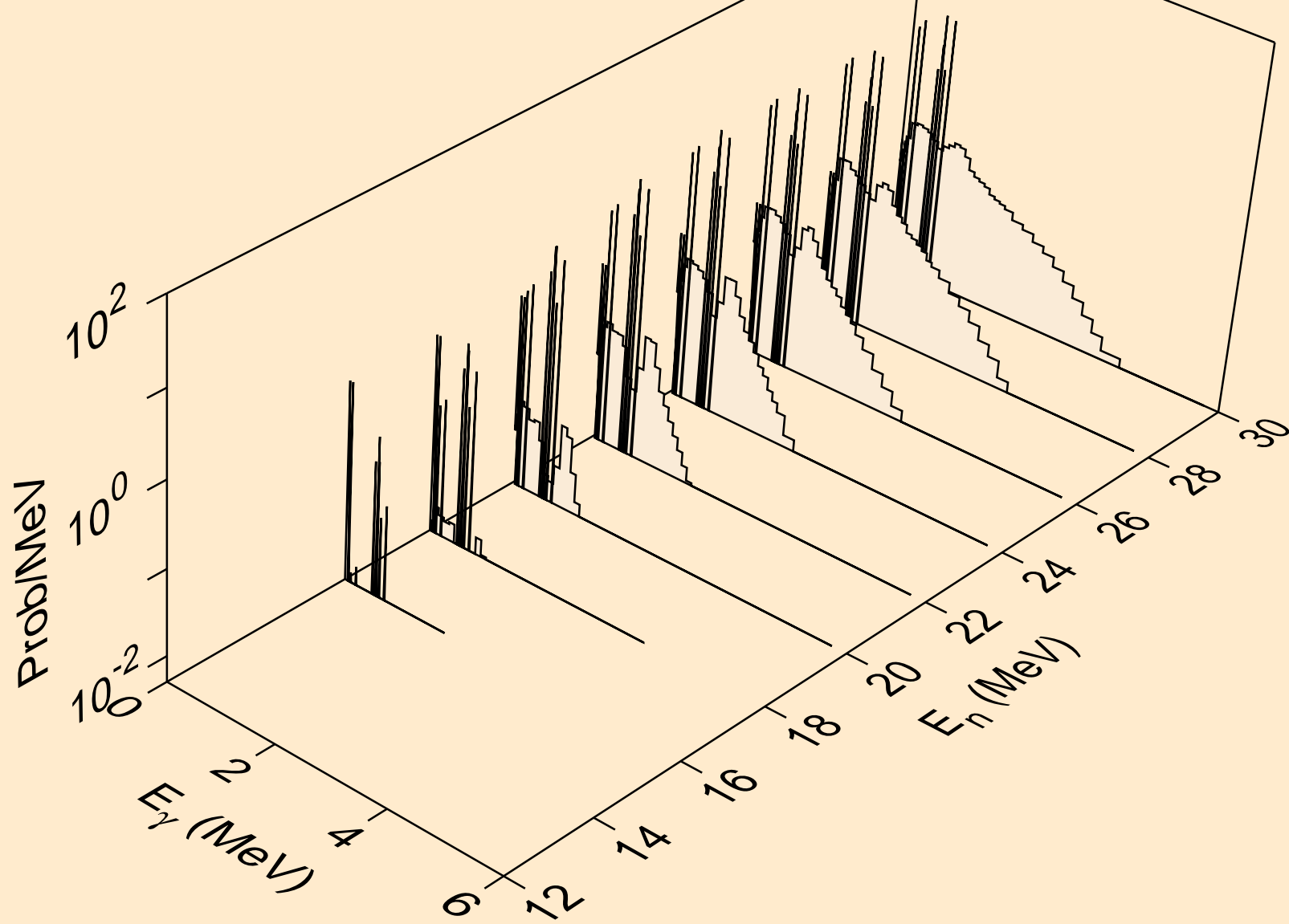
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Photon emission for (n,n\*)he3



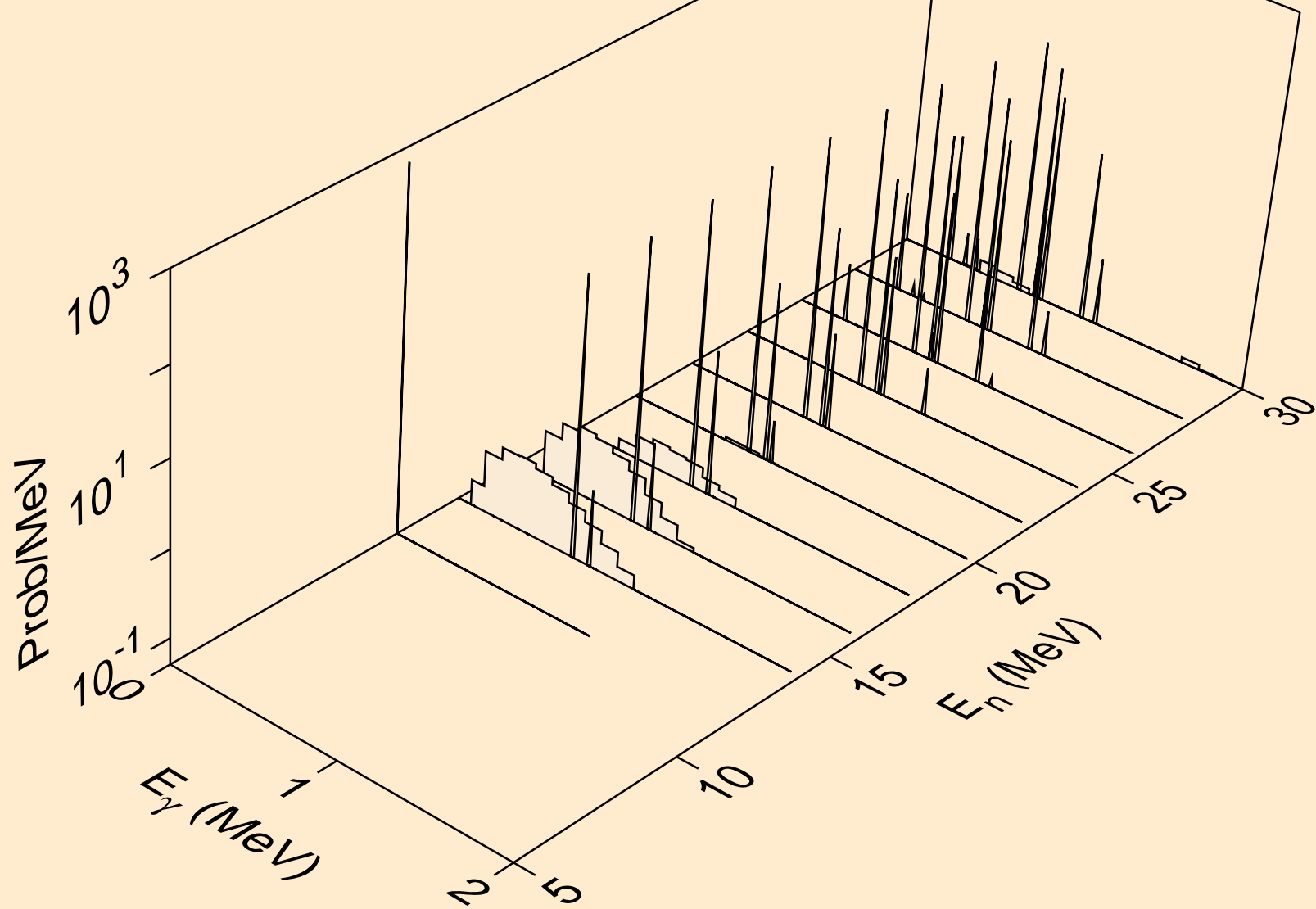
XE117 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



XE117 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)

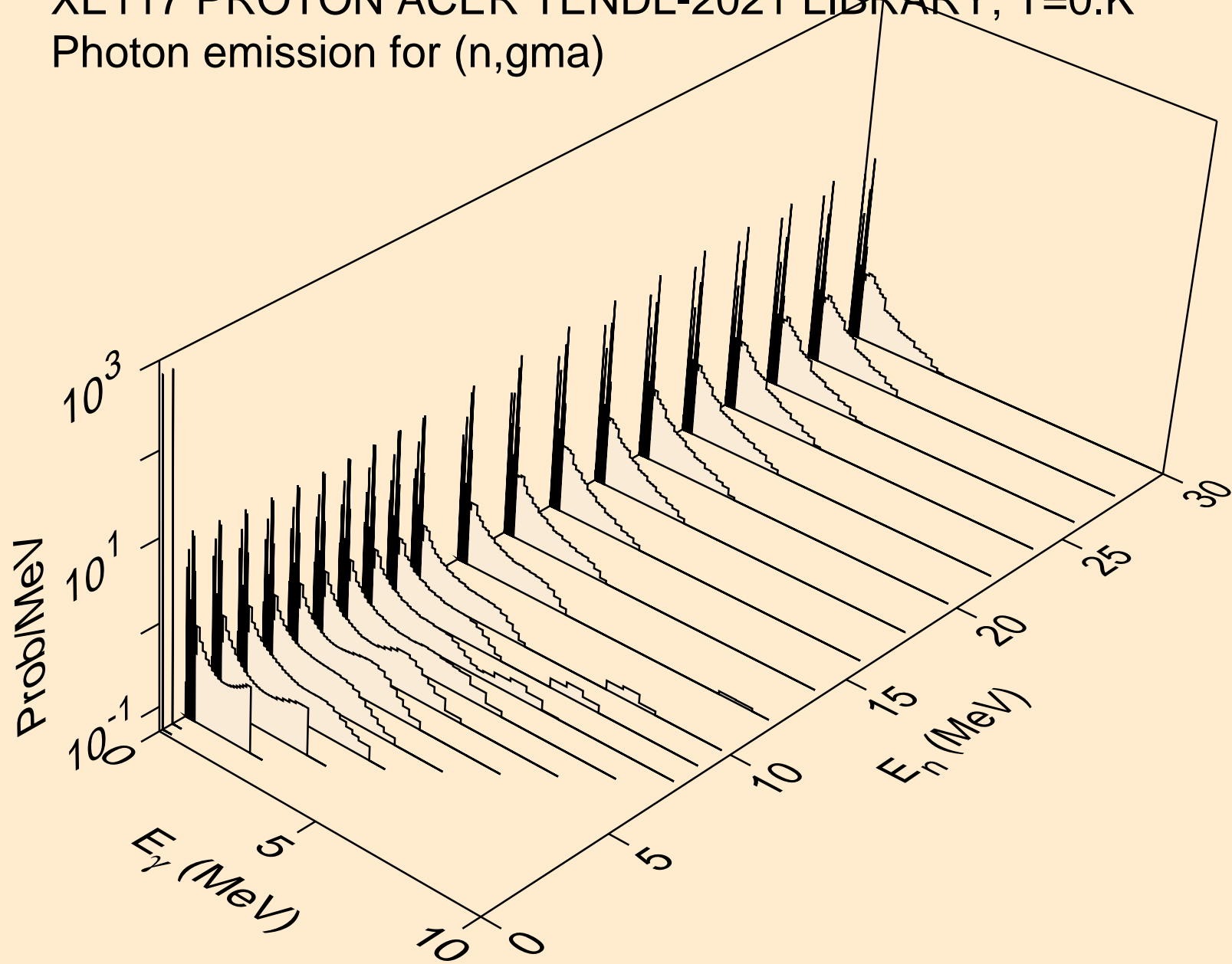


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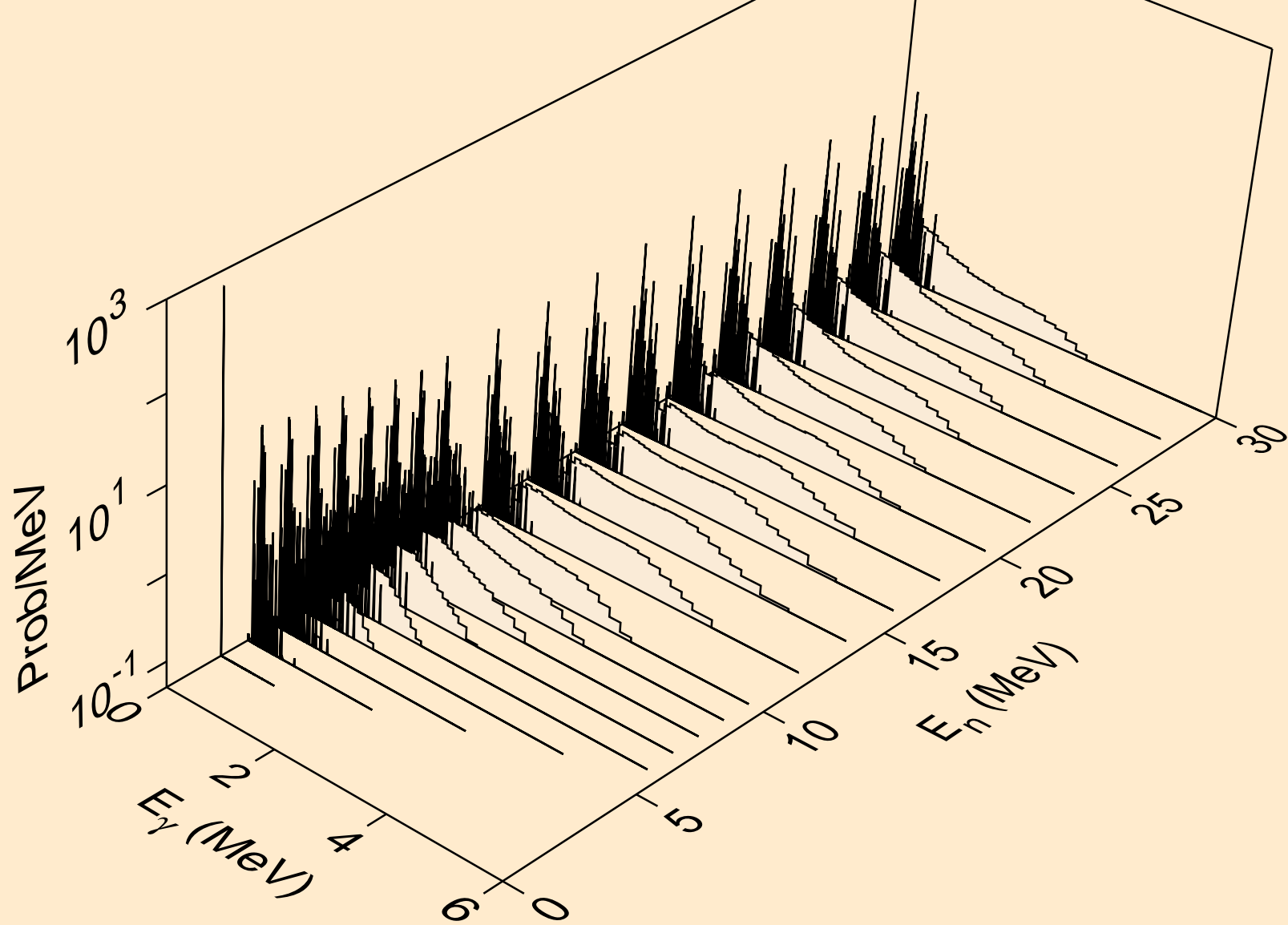




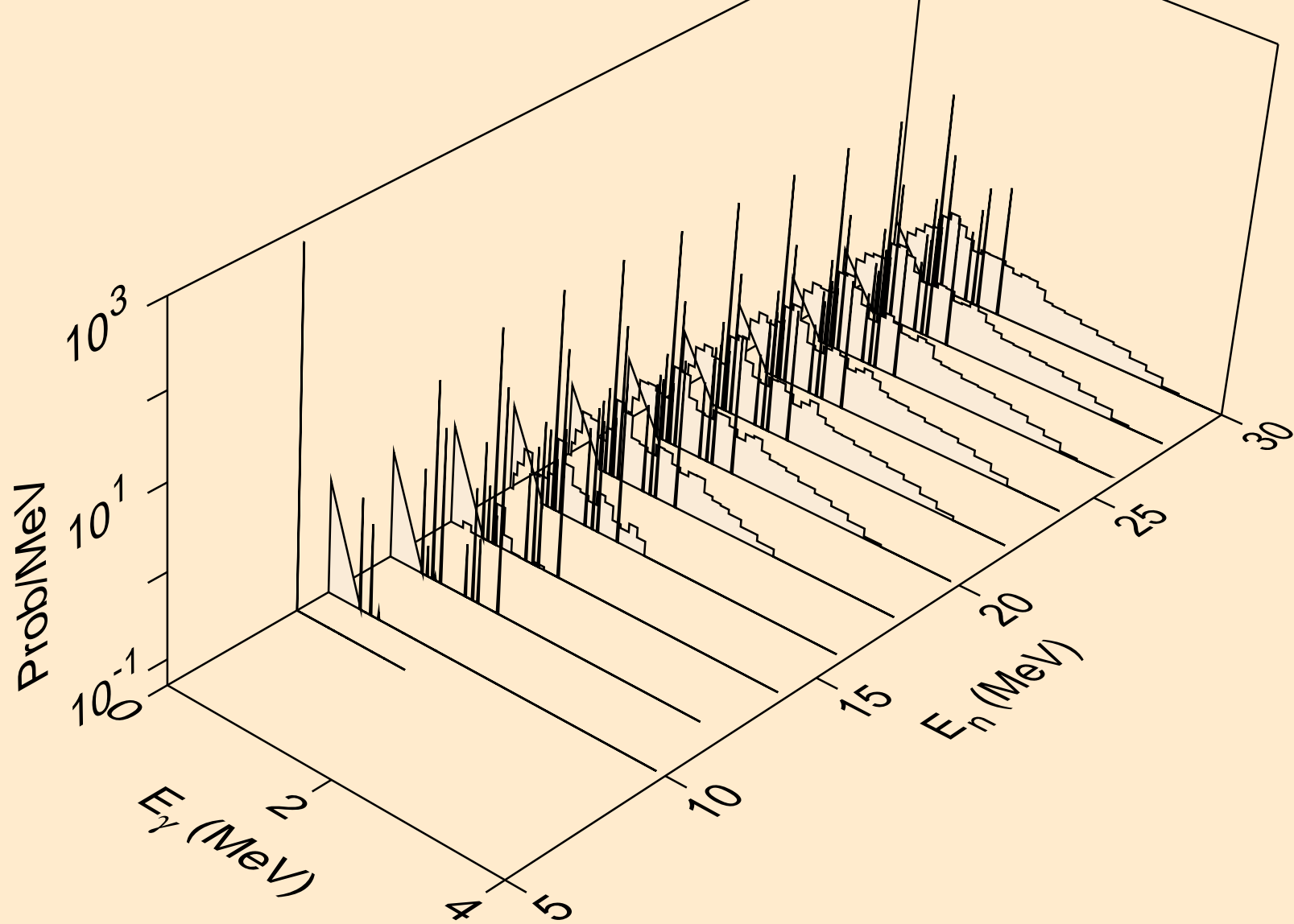
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Photon emission for (n,gma)



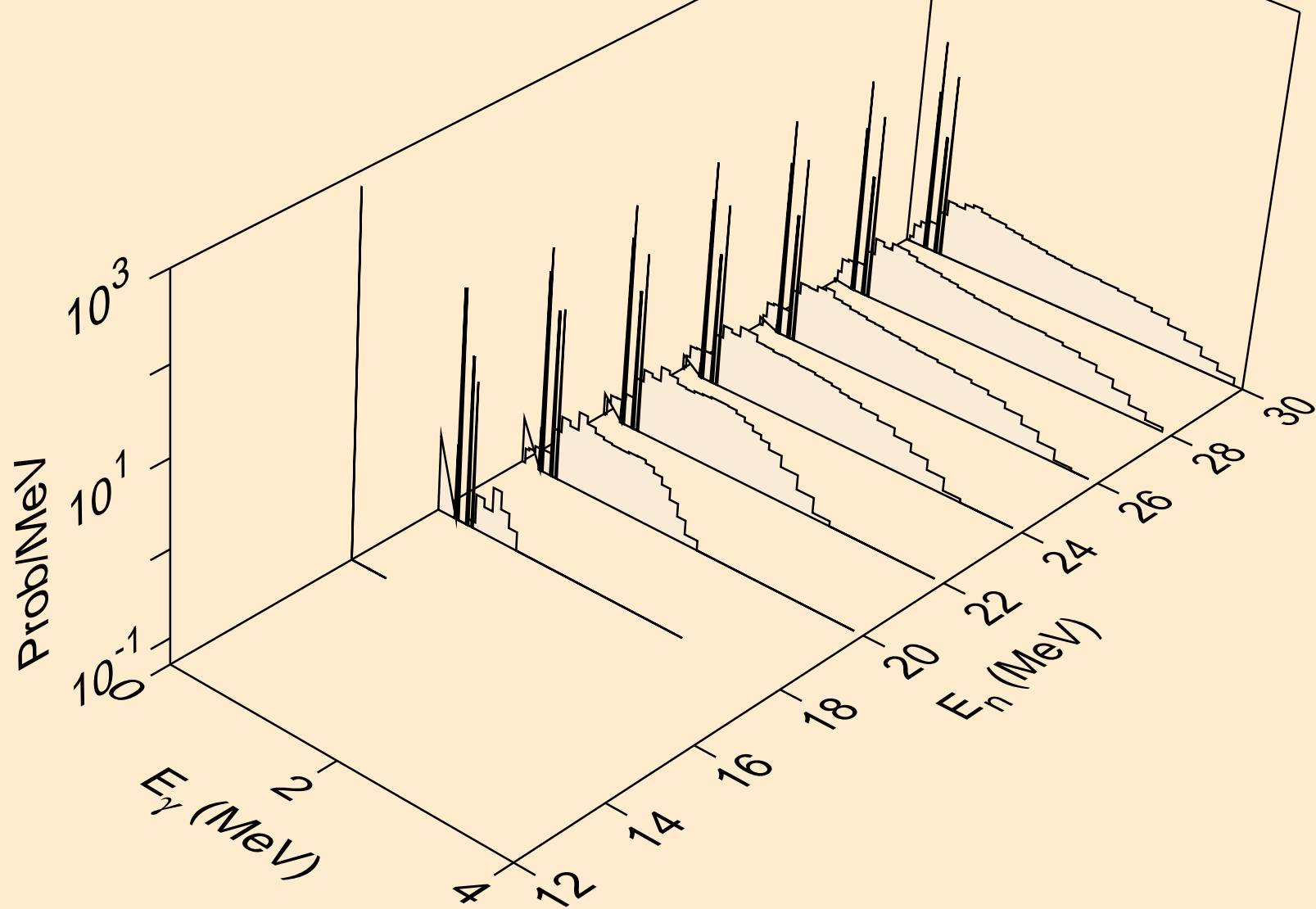
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Photon emission for inelastic



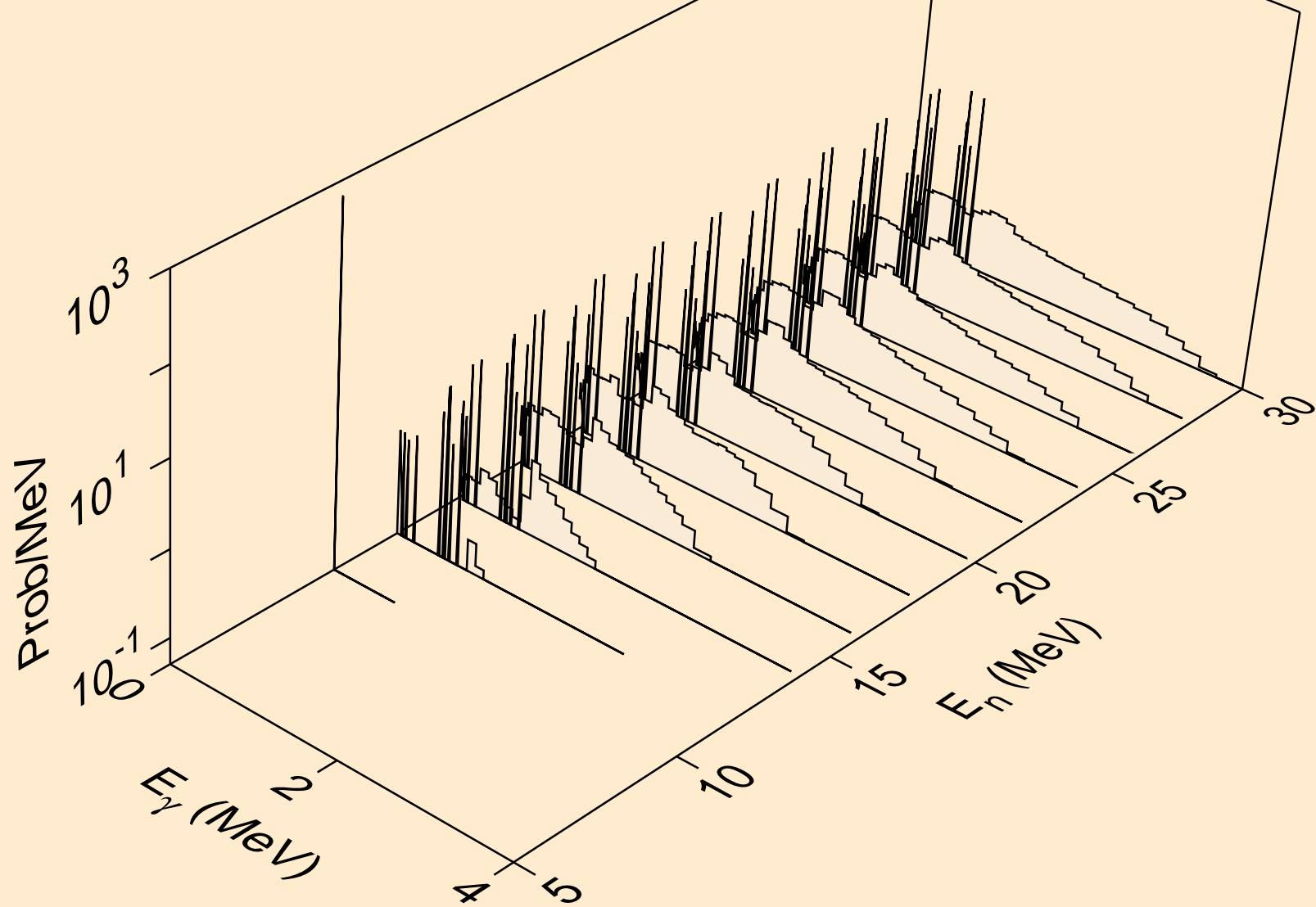
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Photon emission for (n,d)



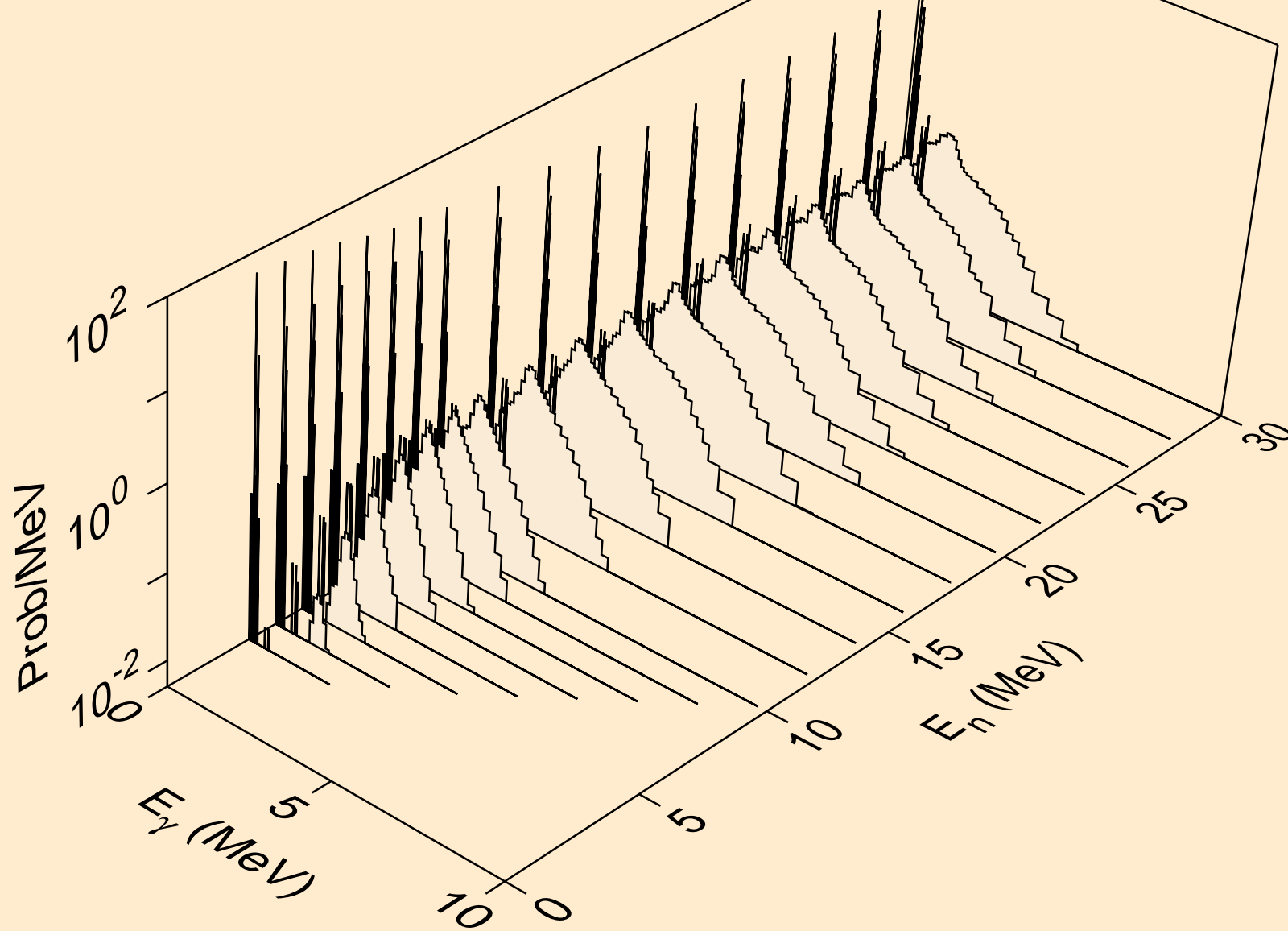
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Photon emission for (n,t)



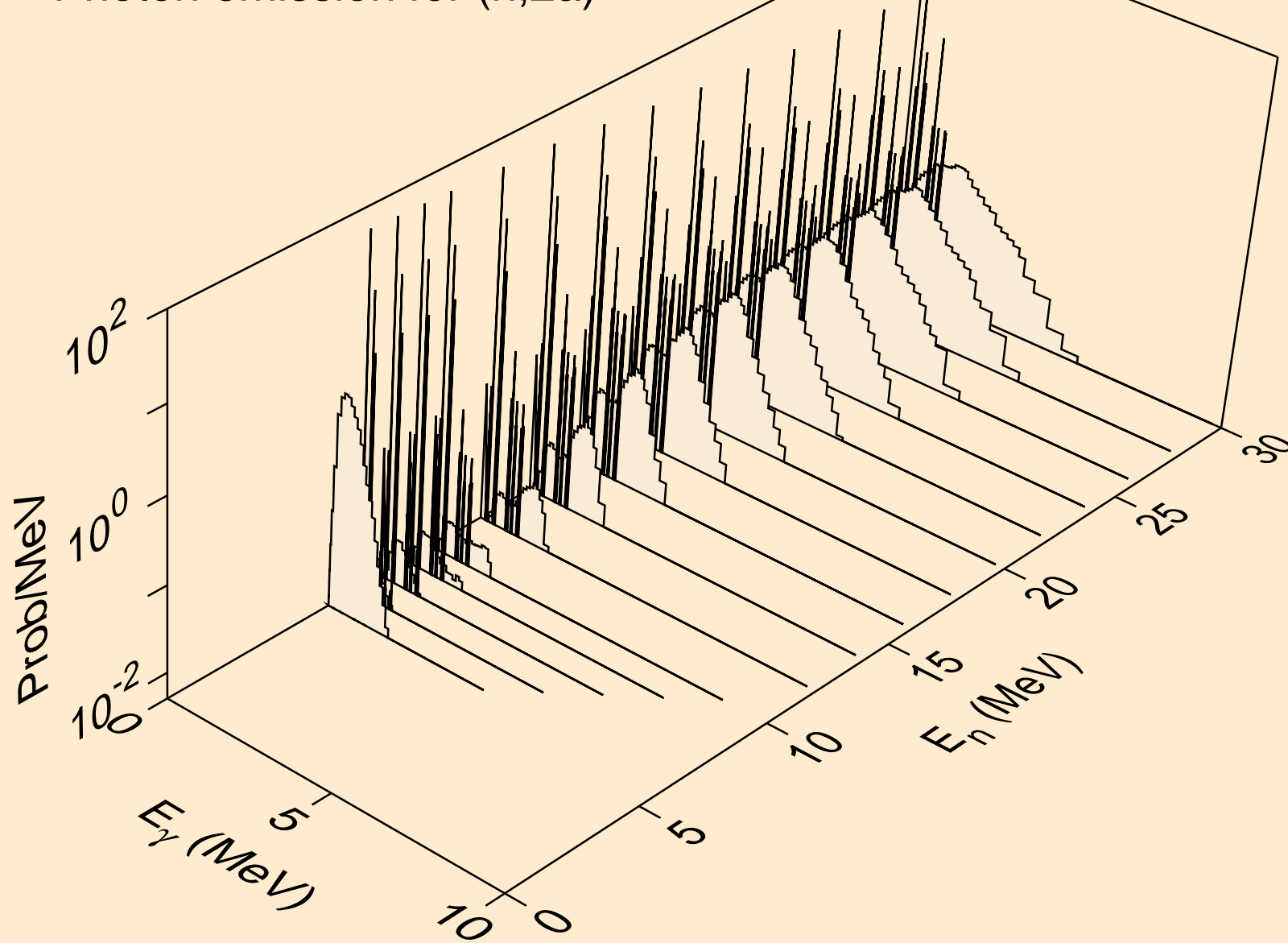
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Photon emission for (n,he3)



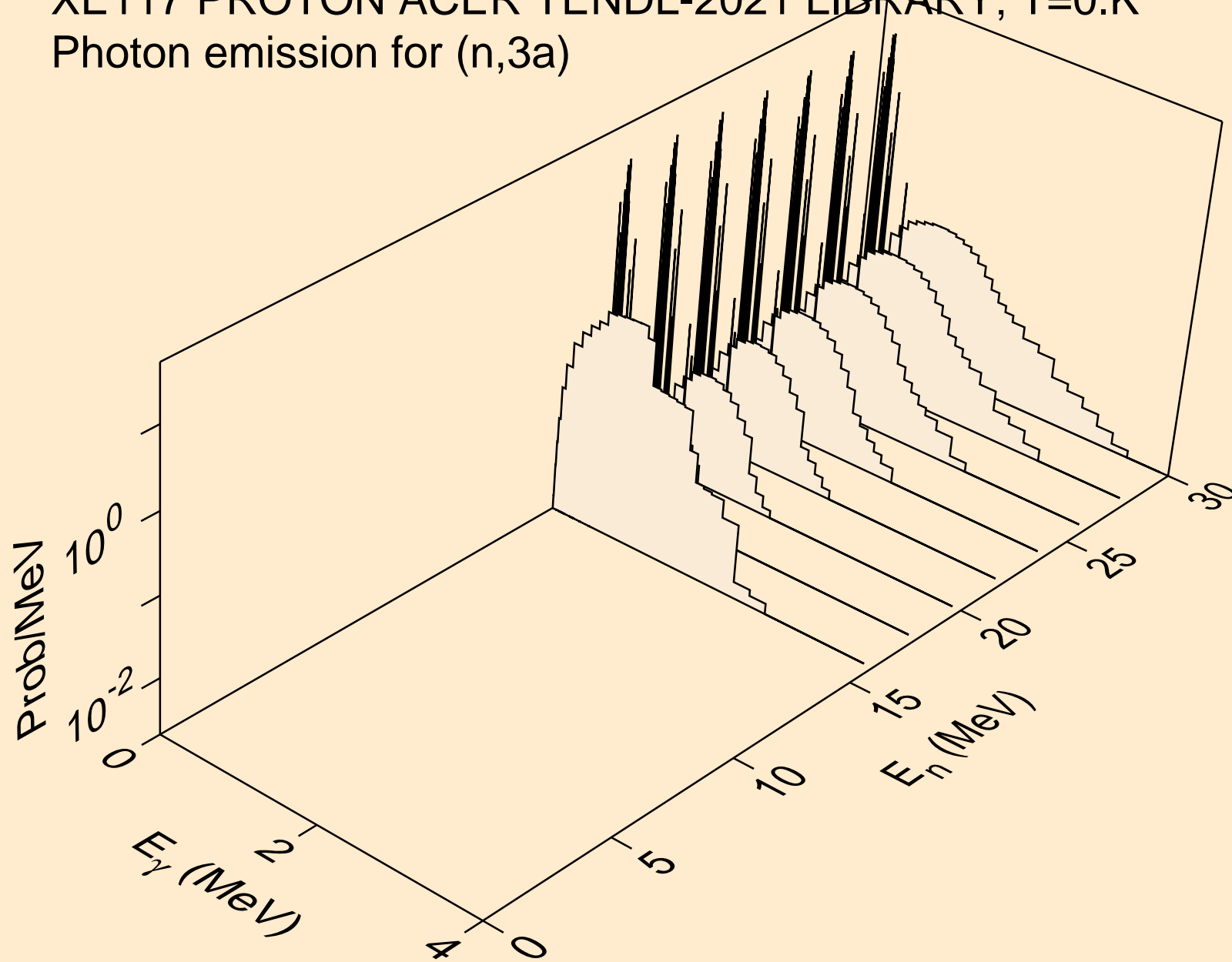
XE117 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,a)



XE117 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2a)

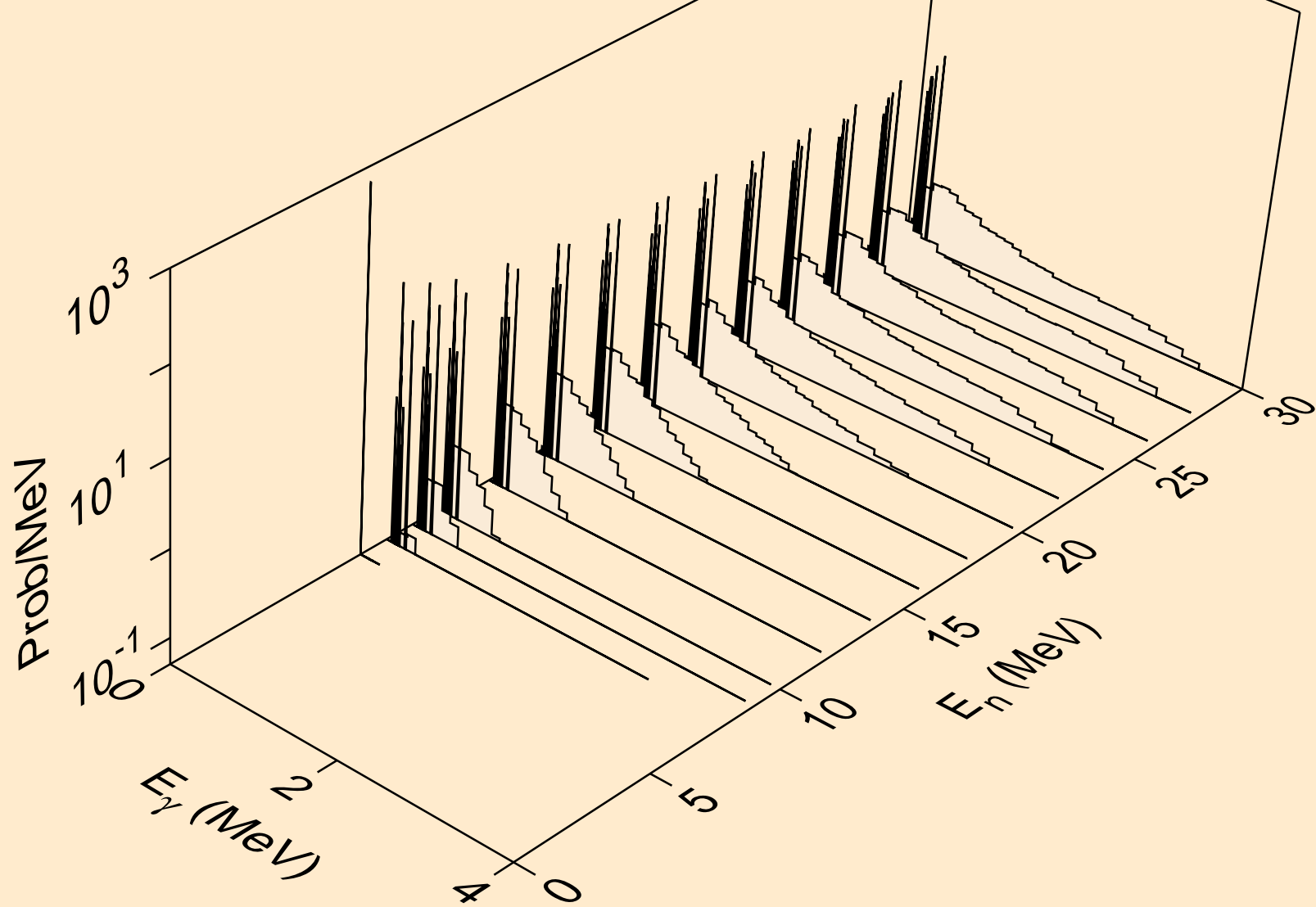


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Photon emission for (n,3a)

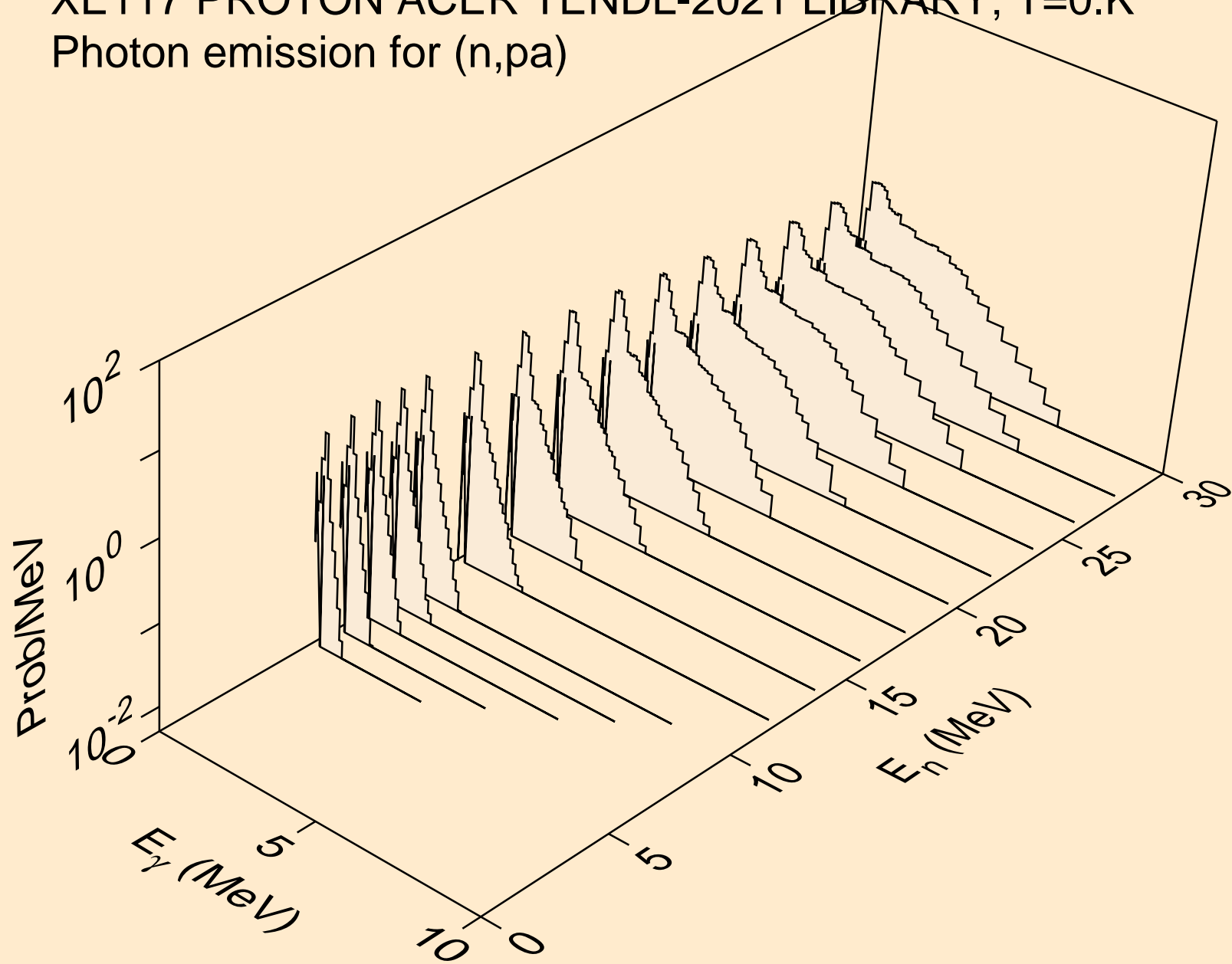




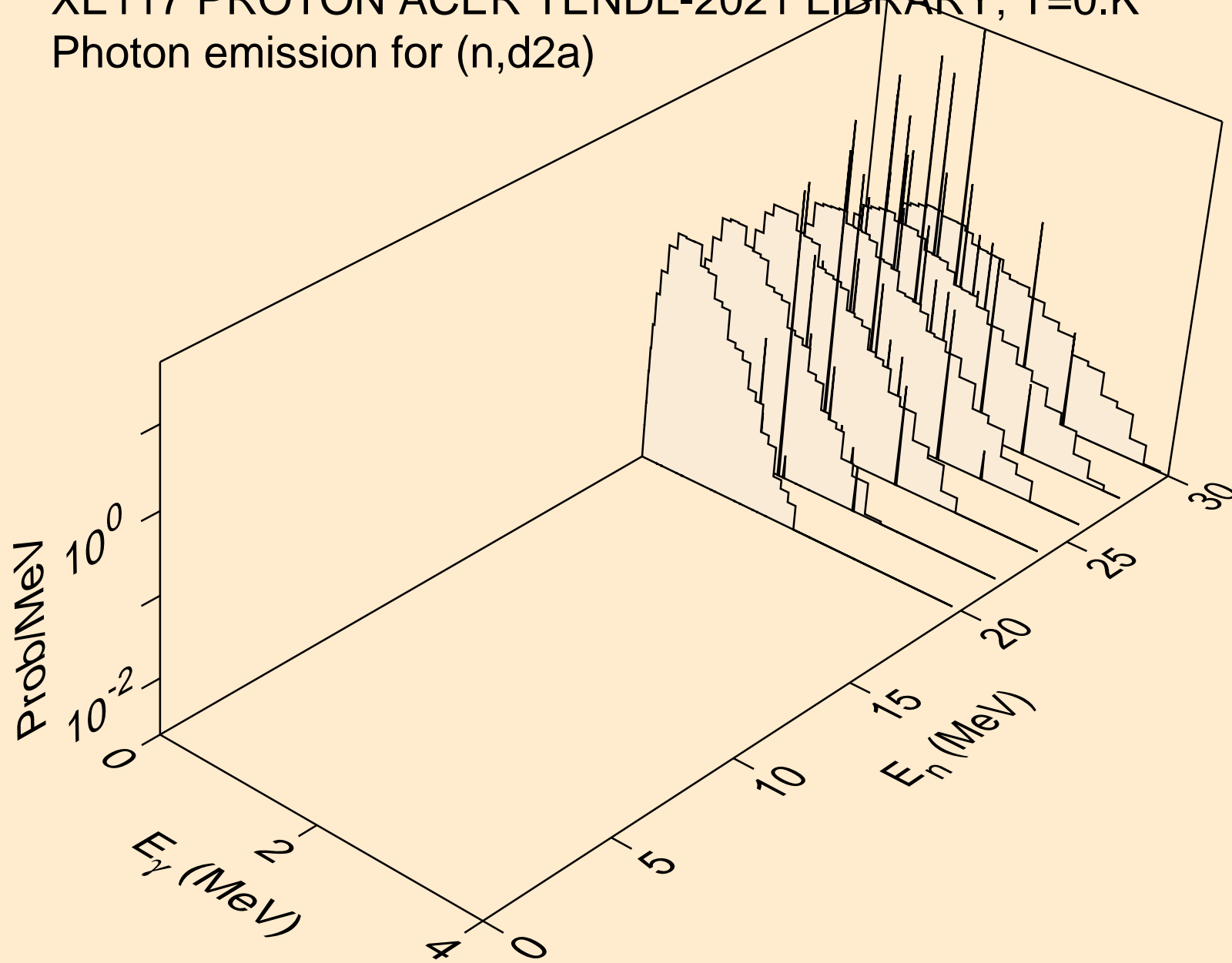
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Photon emission for (n,2p)



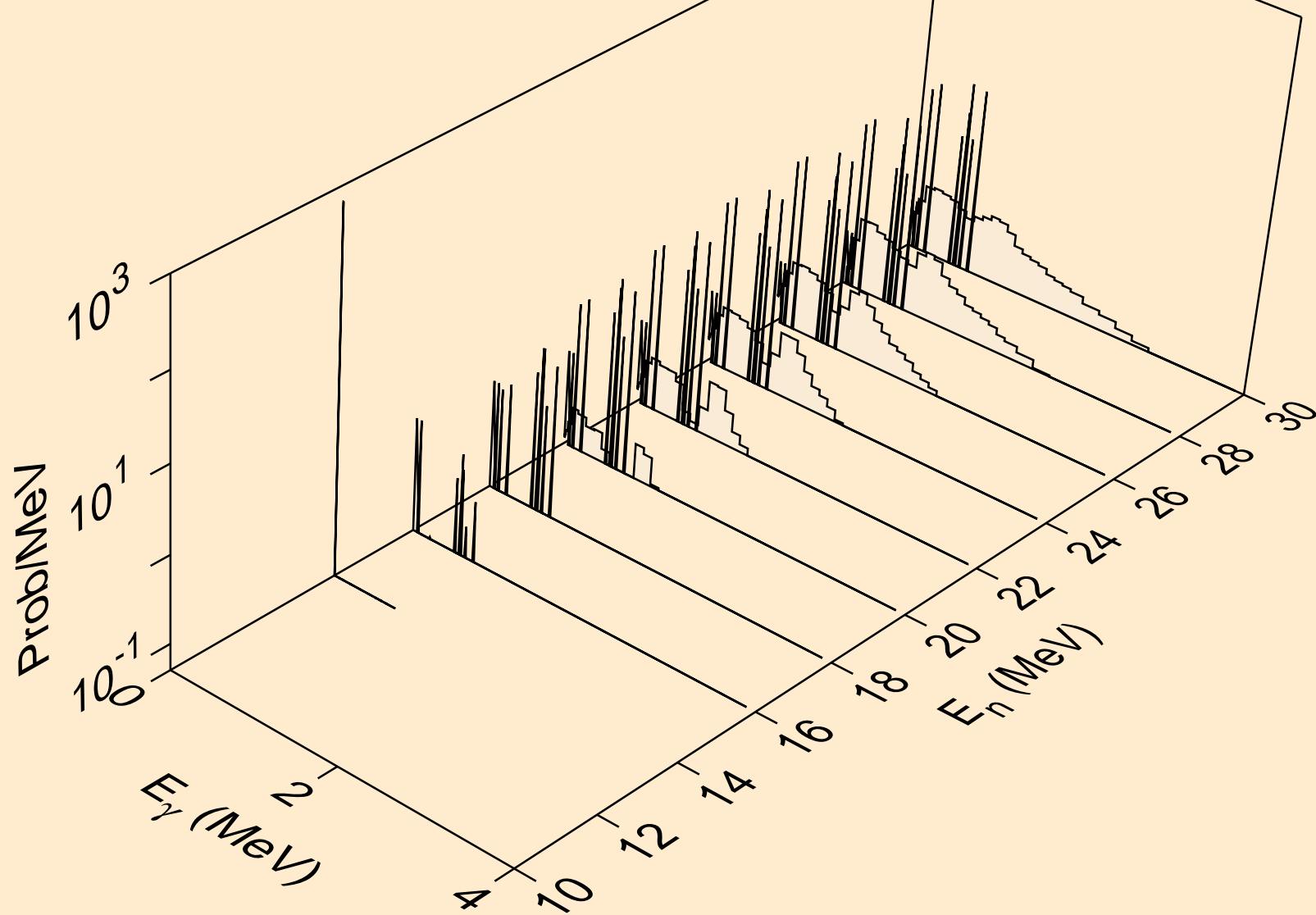
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Photon emission for (n,pa)



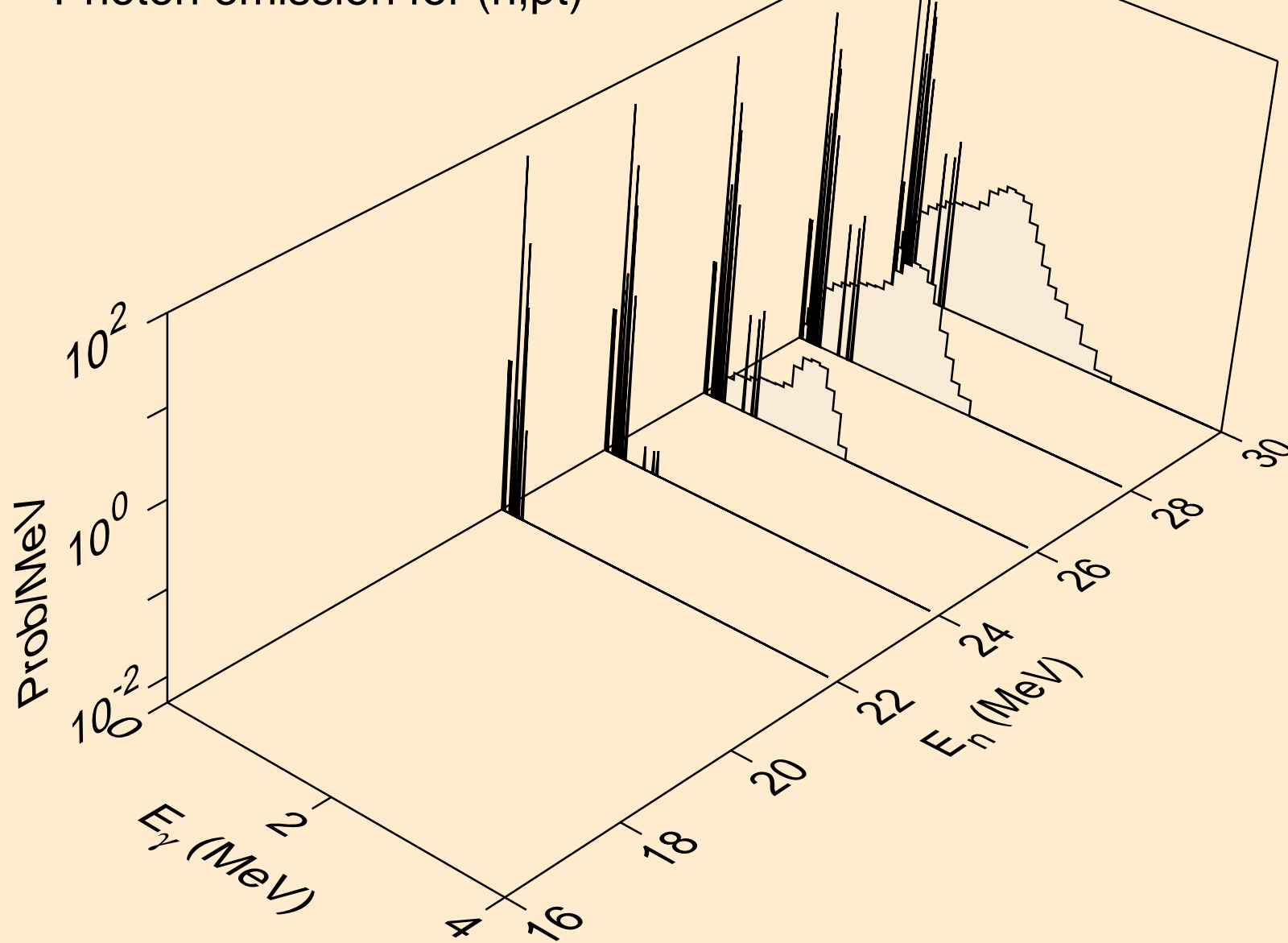
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Photon emission for (n,d2a)



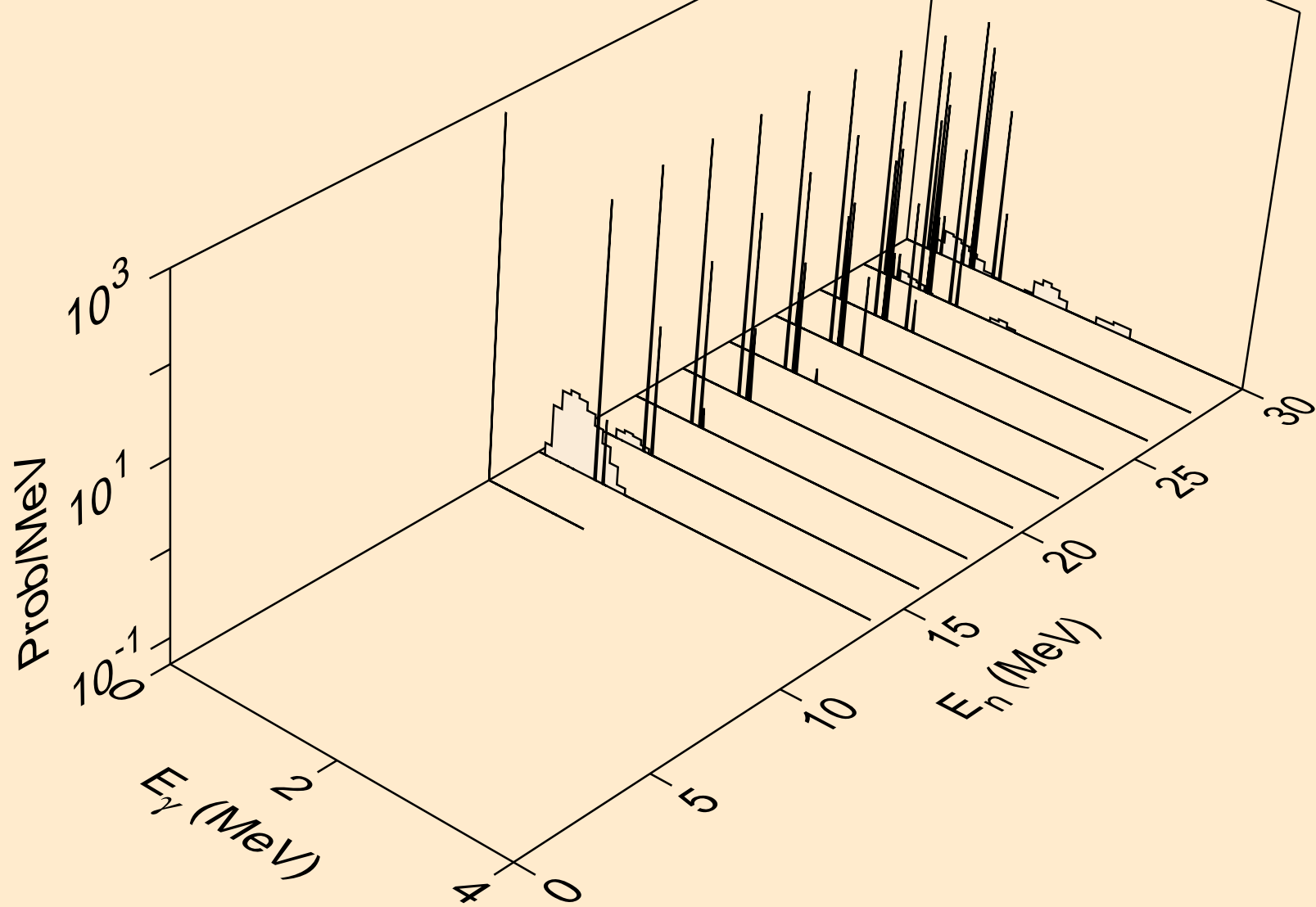
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Photon emission for (n,pd)



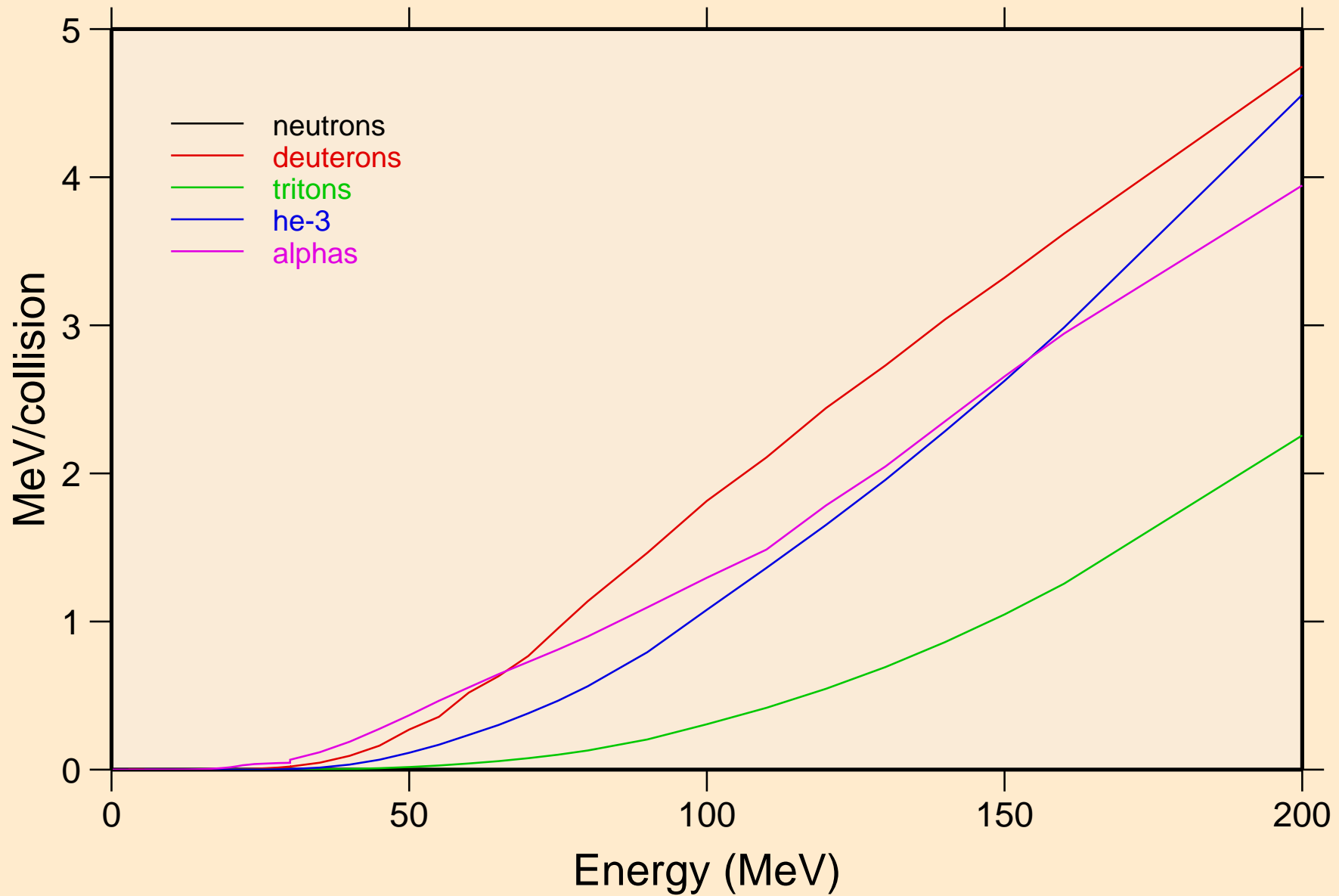
XE117 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)



XE117 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,da)

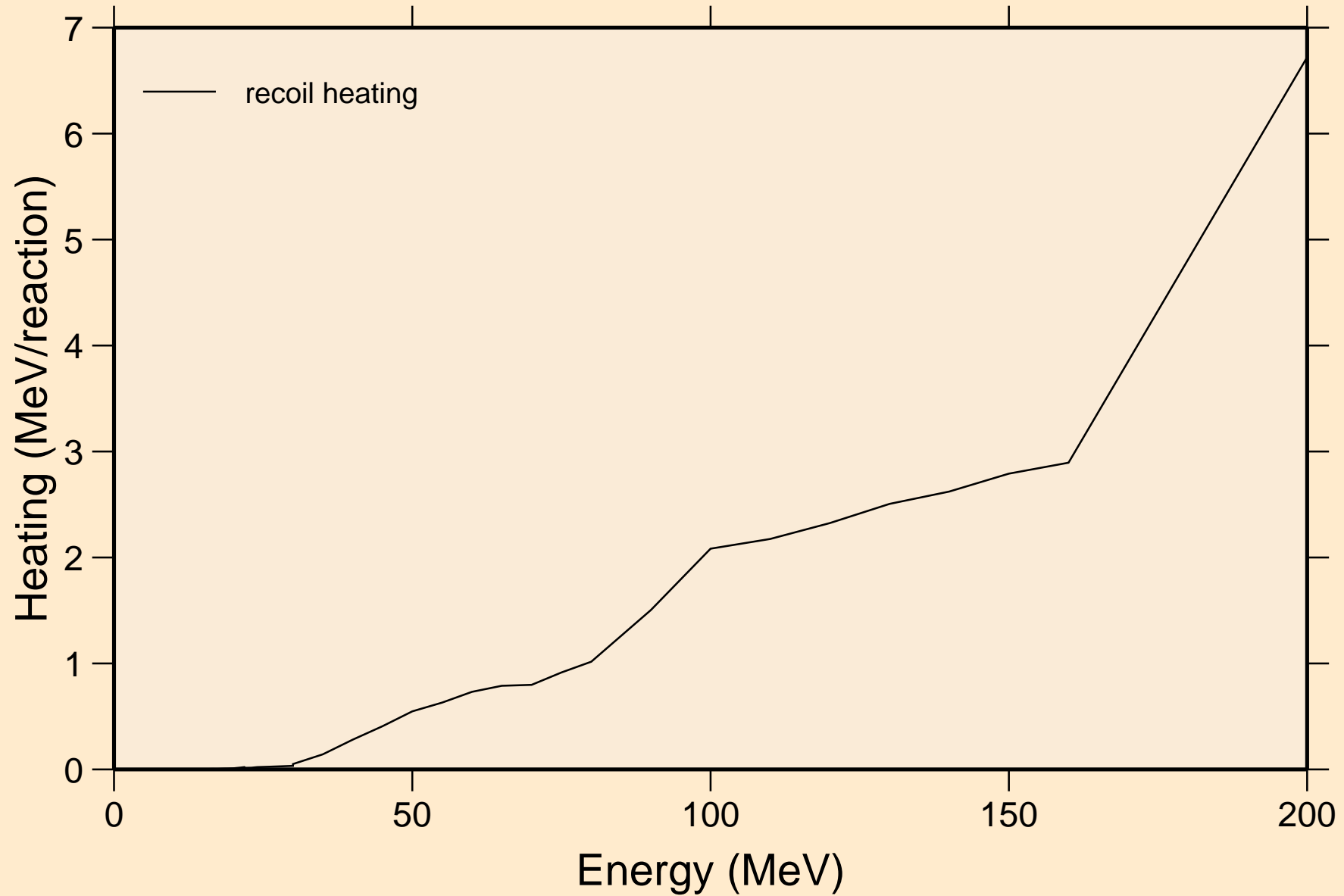


XE117 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Particle heating contributions



# XE117 PROTON ACER TENDL-2021 LIBRARY; T=0.K

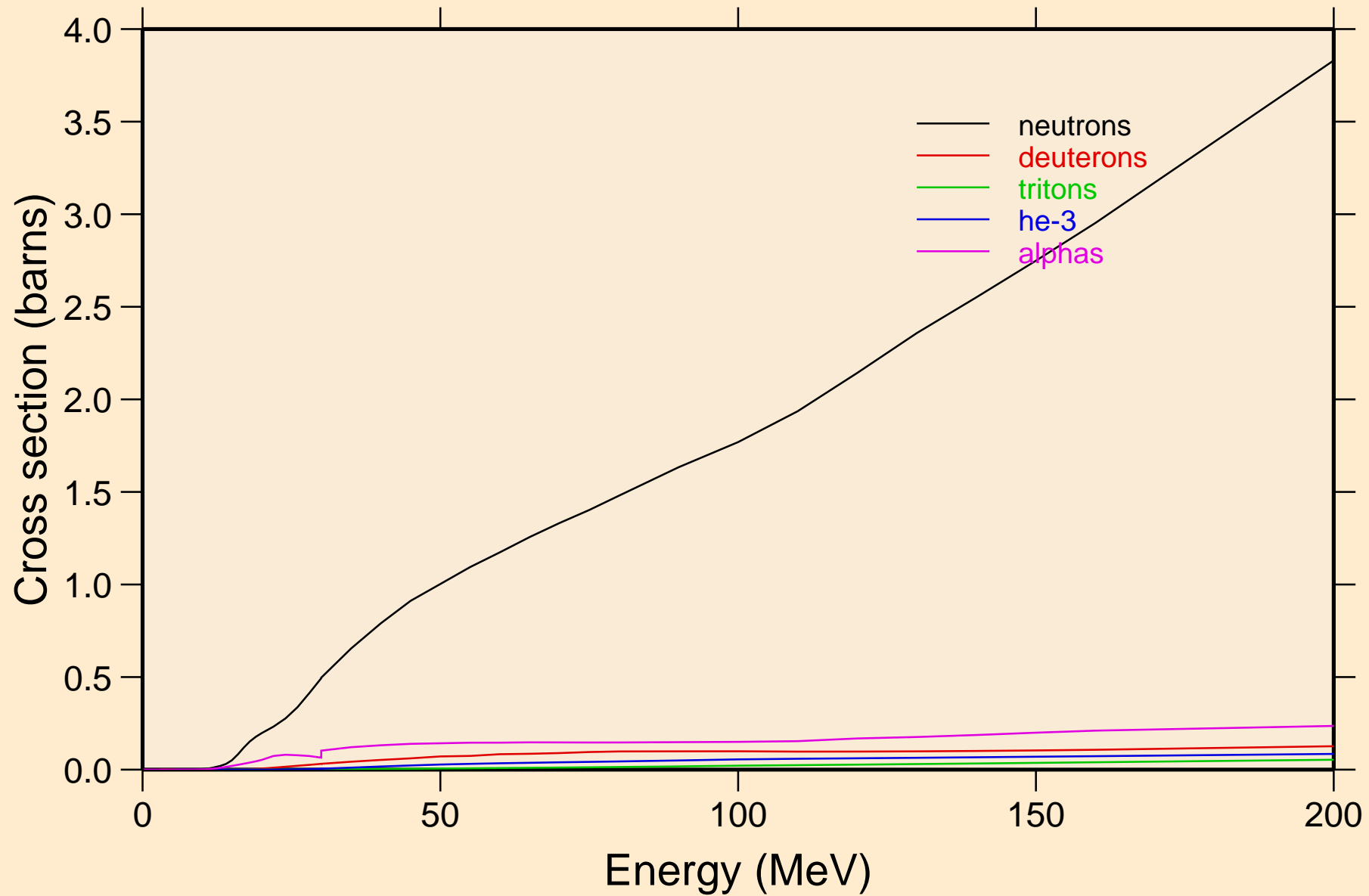
## Recoil Heating



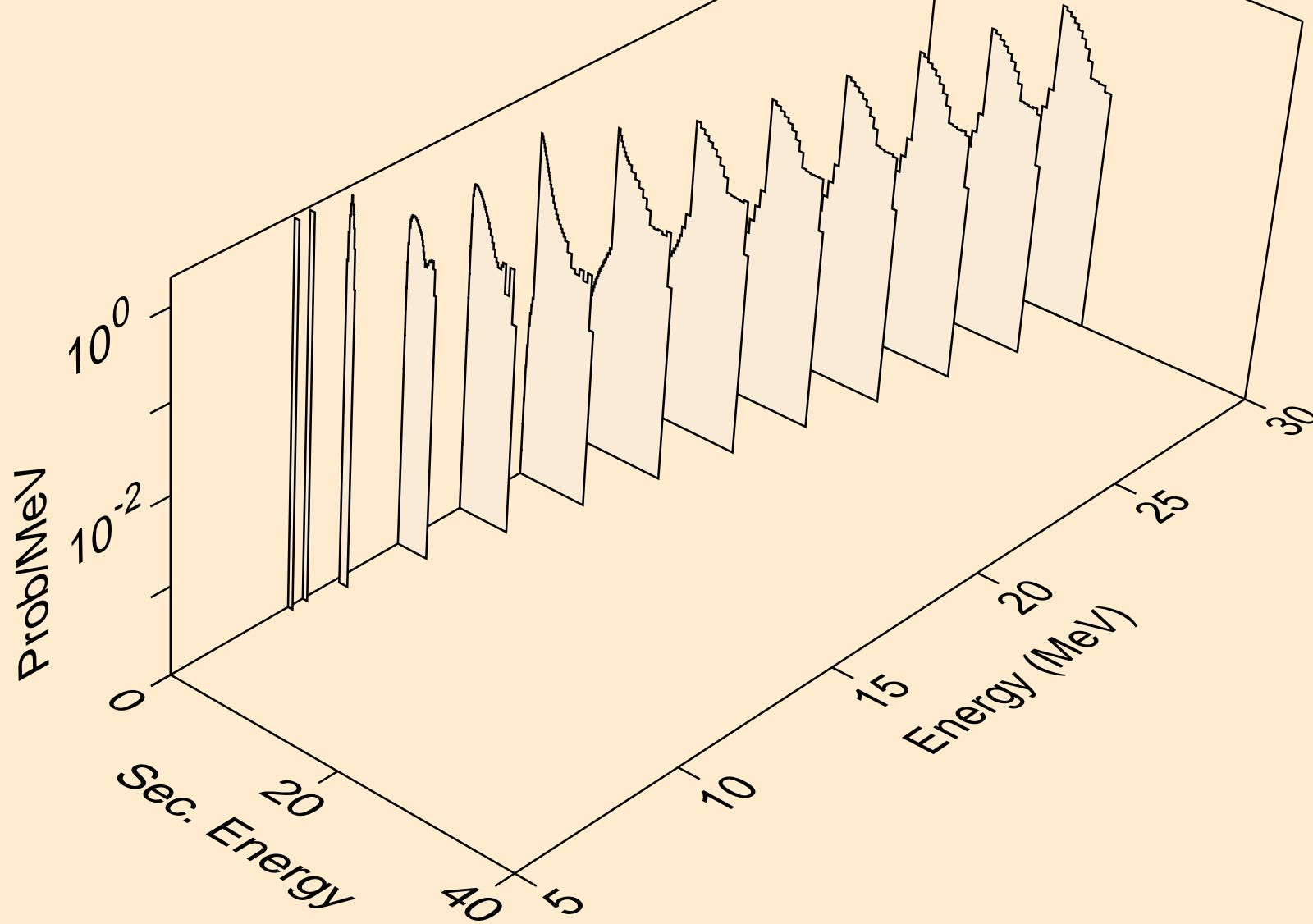


# XE117 PROTON ACER TENDL-2021 LIBRARY; T=0.K

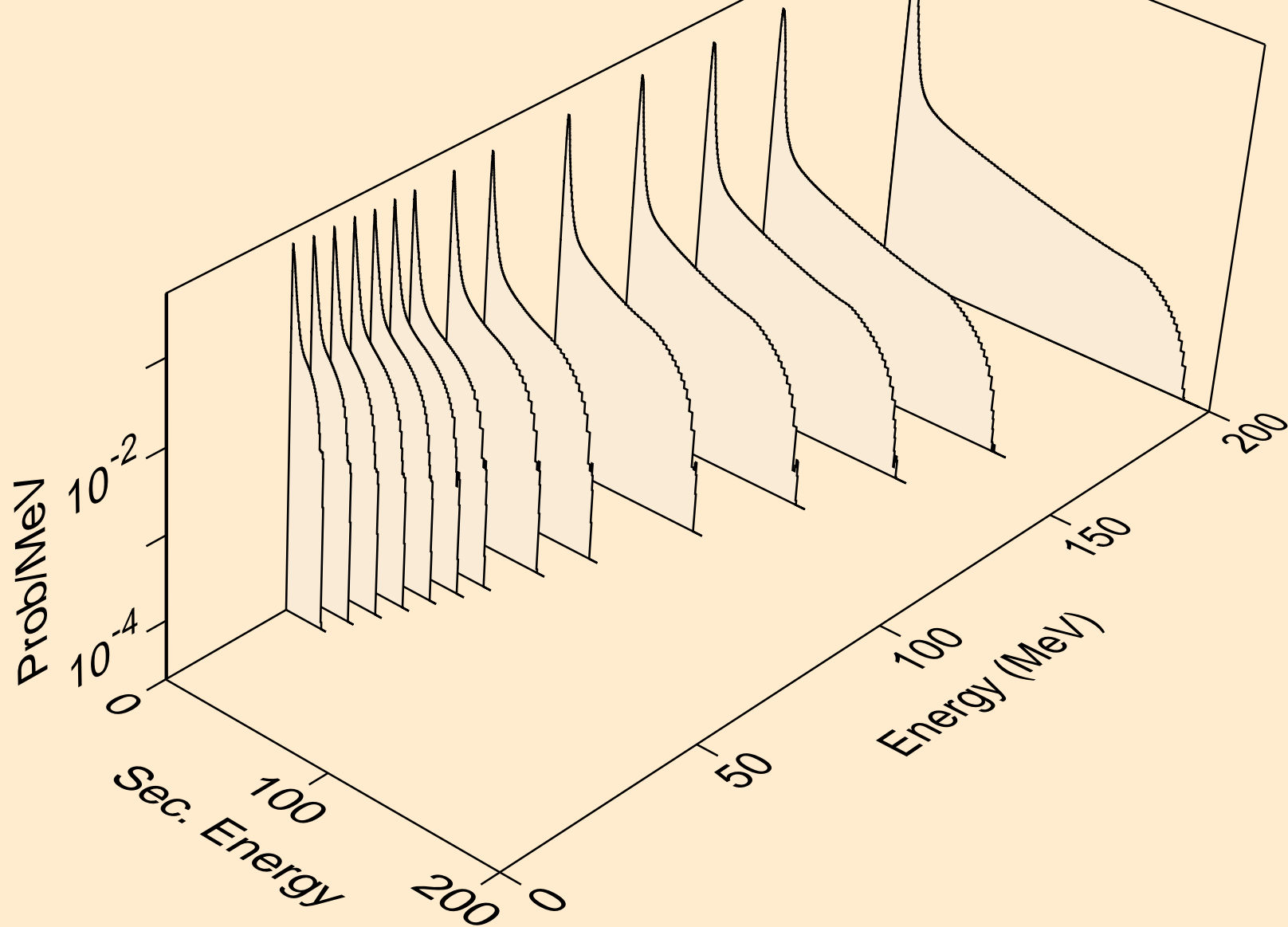
## Particle production cross sections



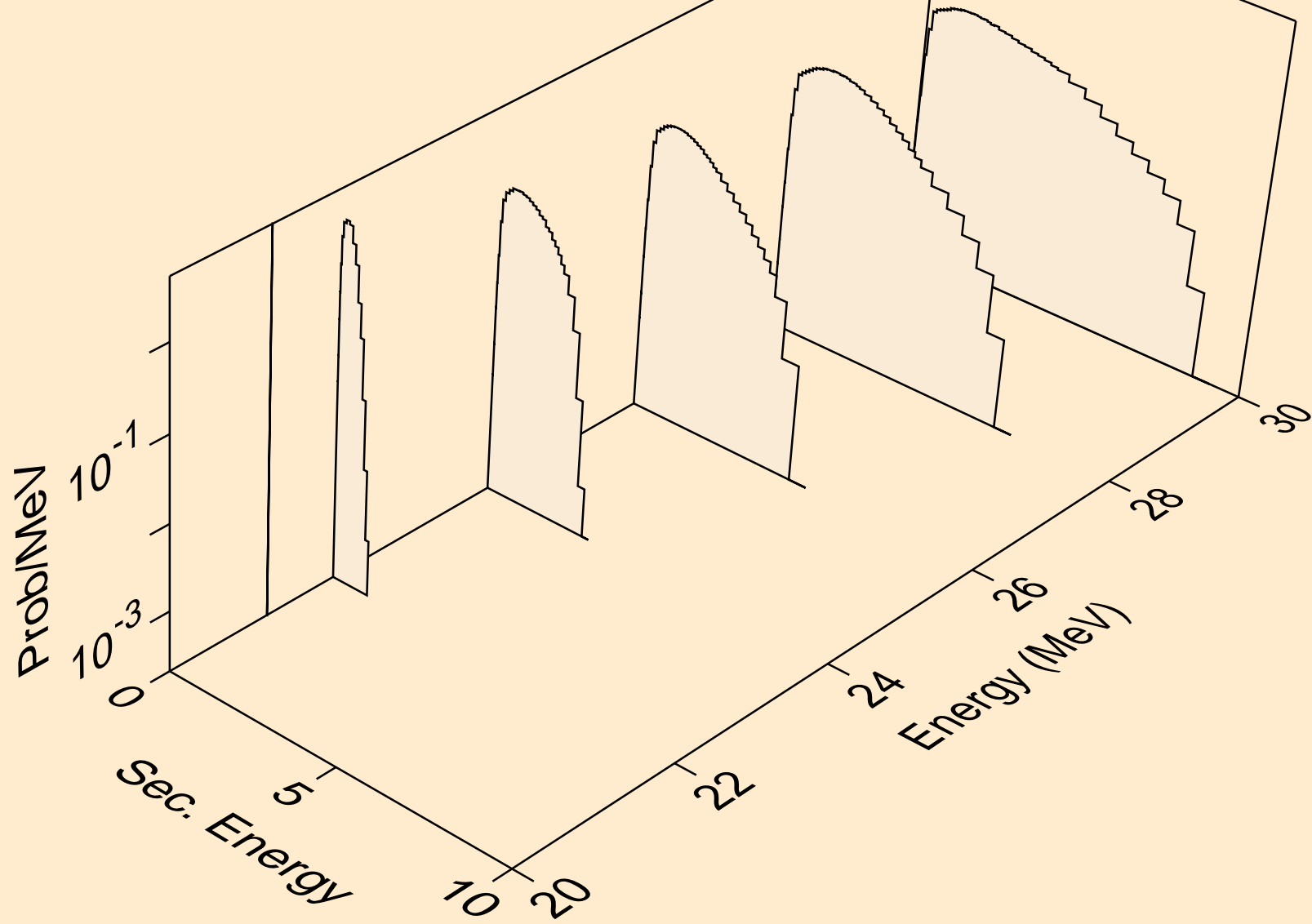
XE117 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n)



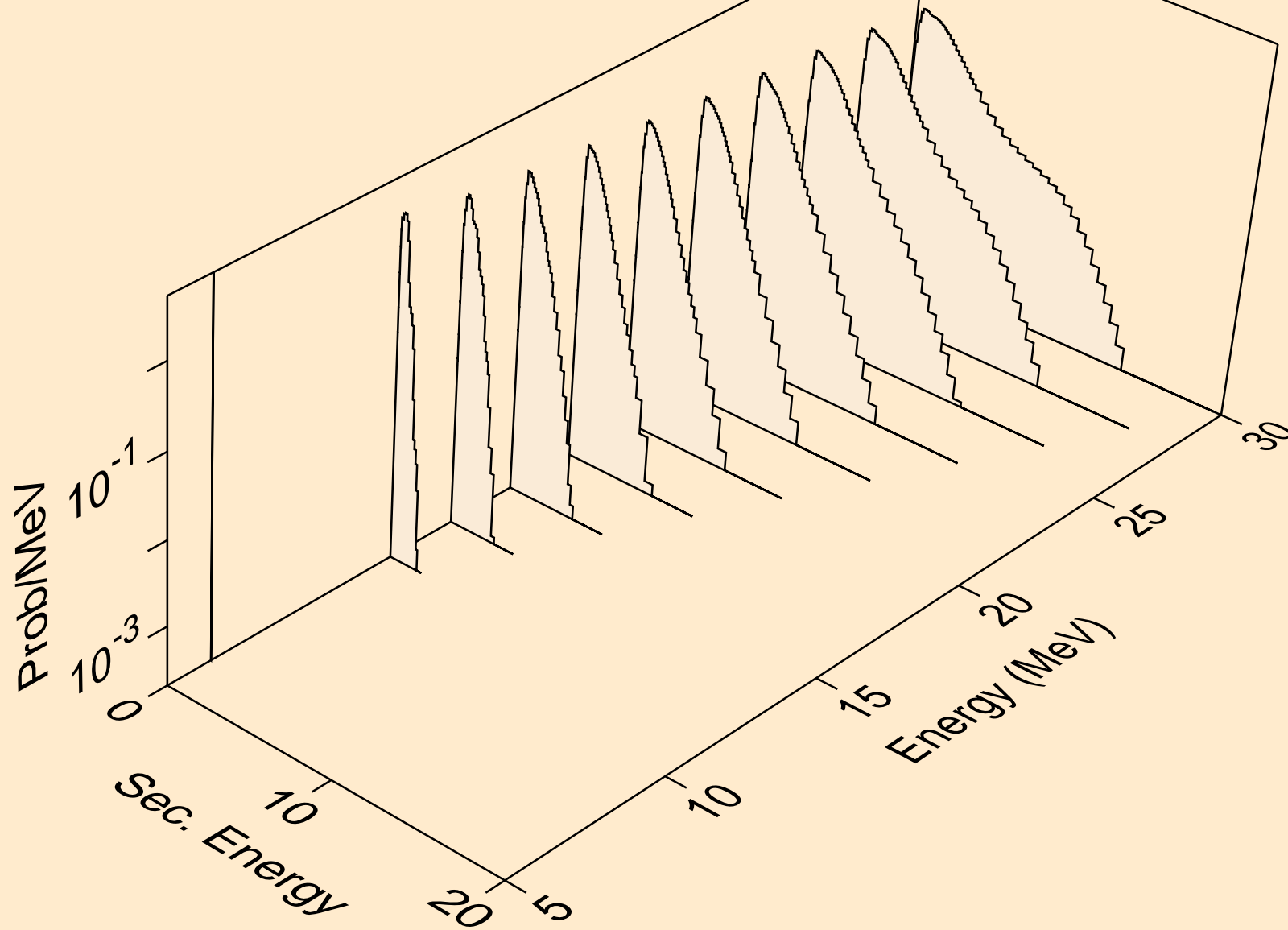
XE117 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,x)



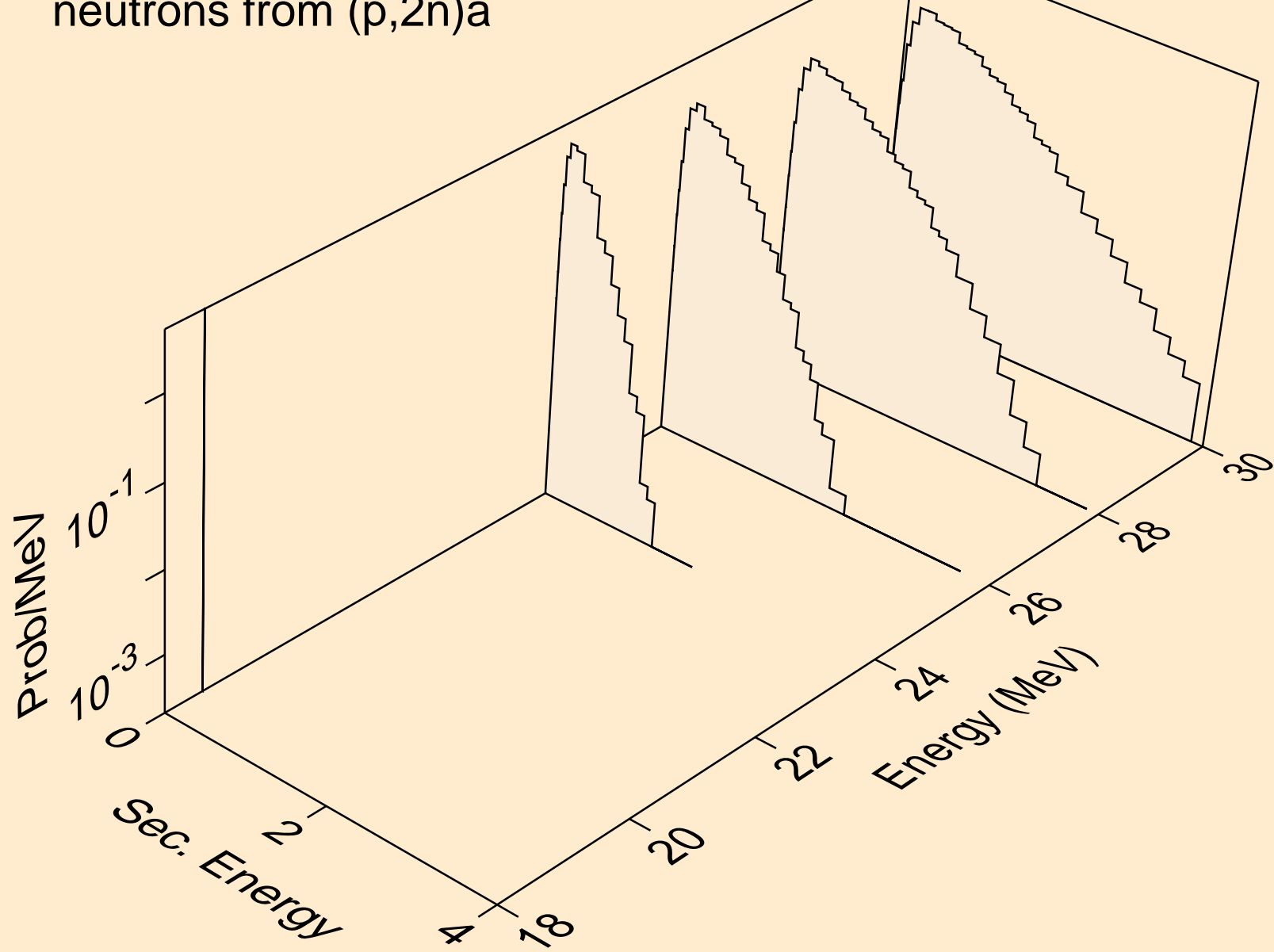
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neutrons from (p,2n)



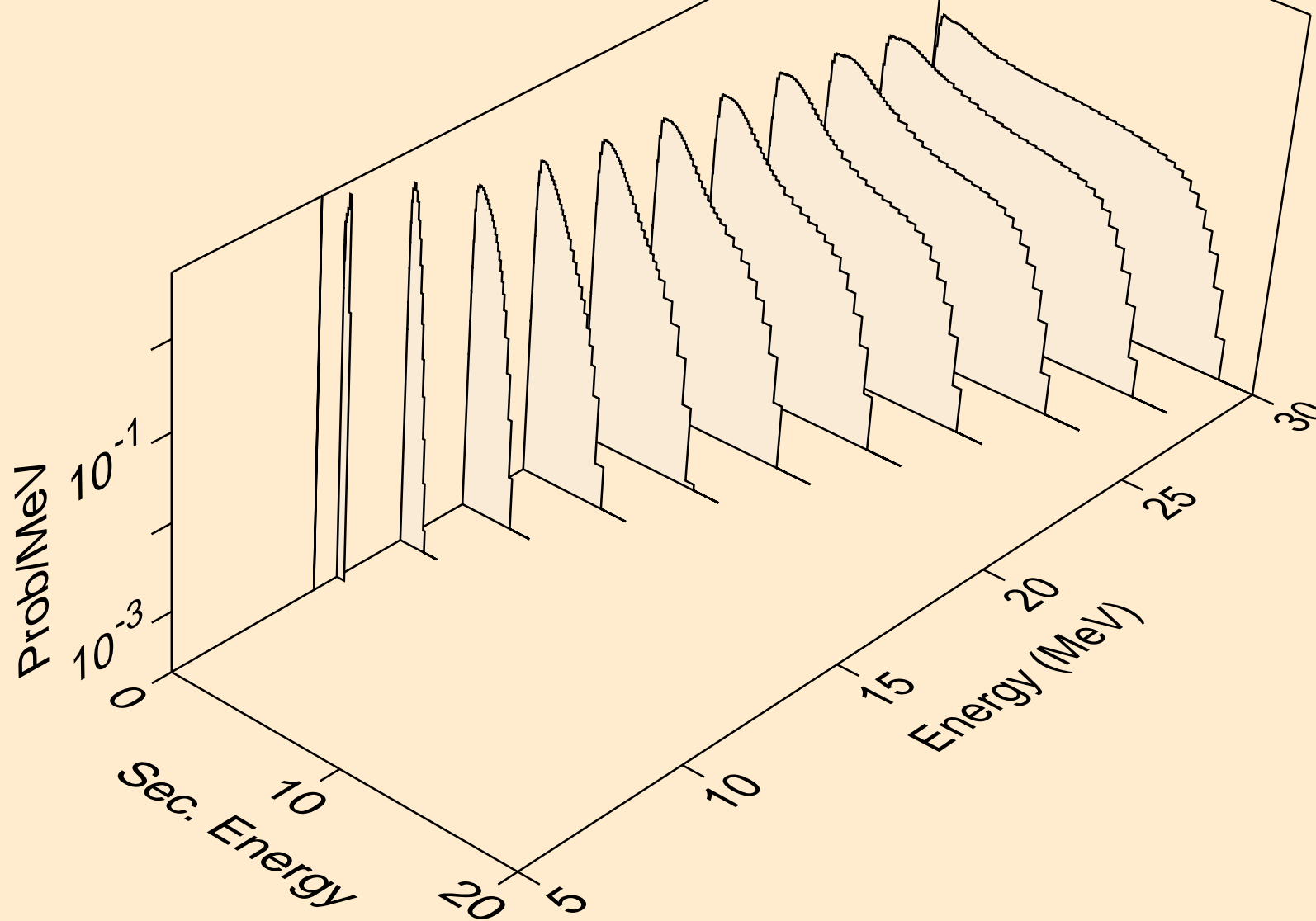
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neutrons from (p,n\*)a



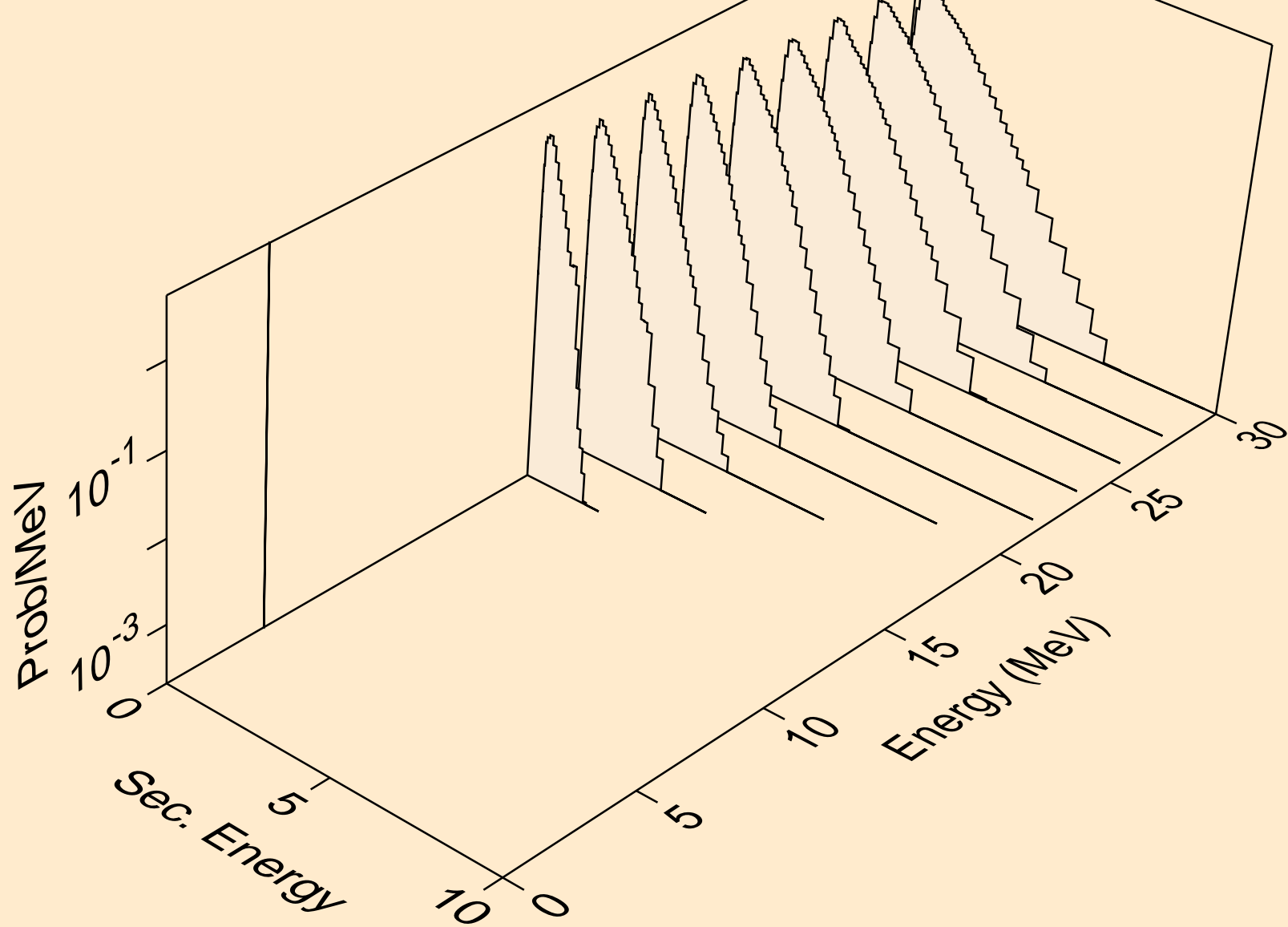
XE117 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2n)a



XE117 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)p

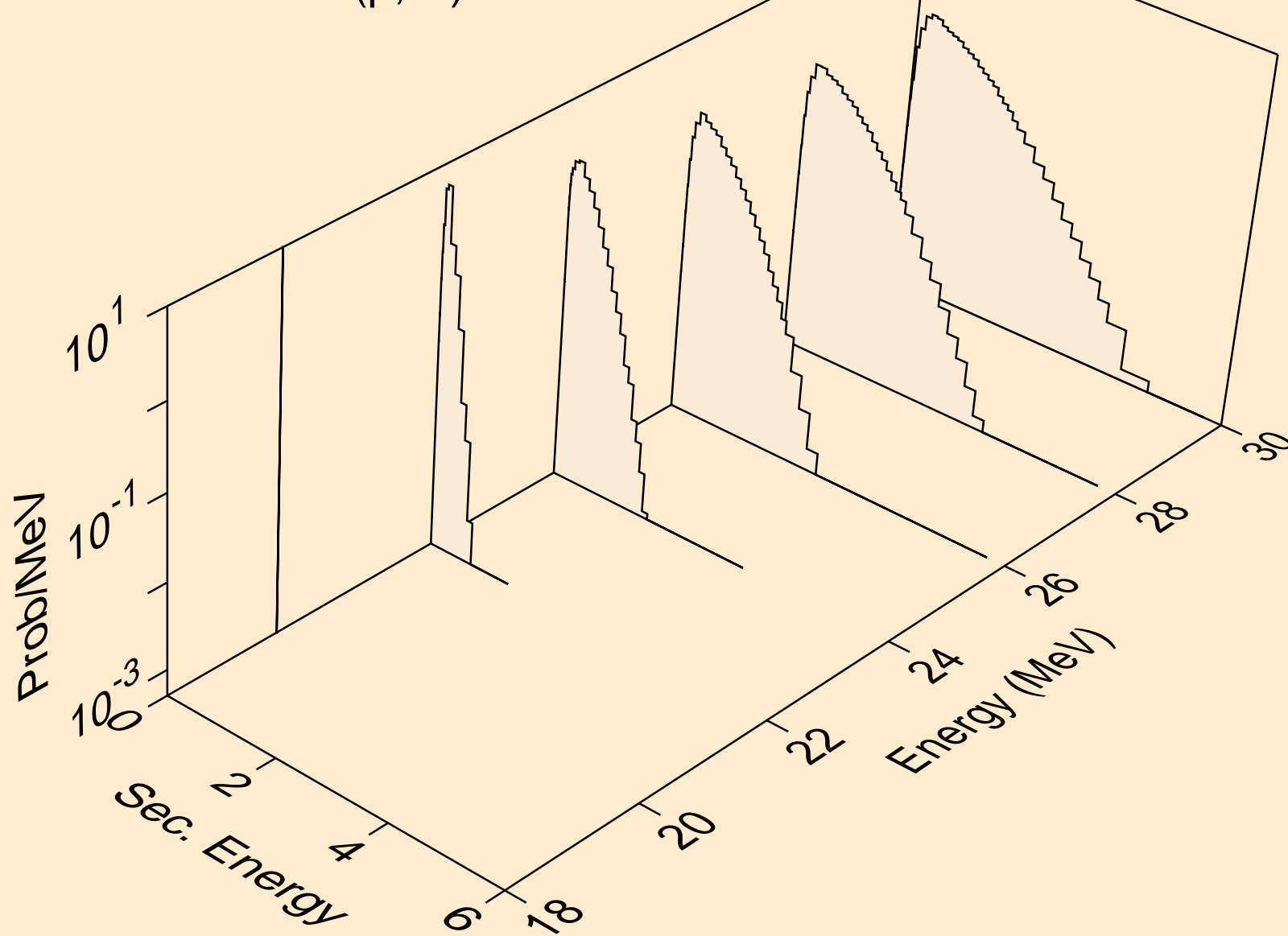


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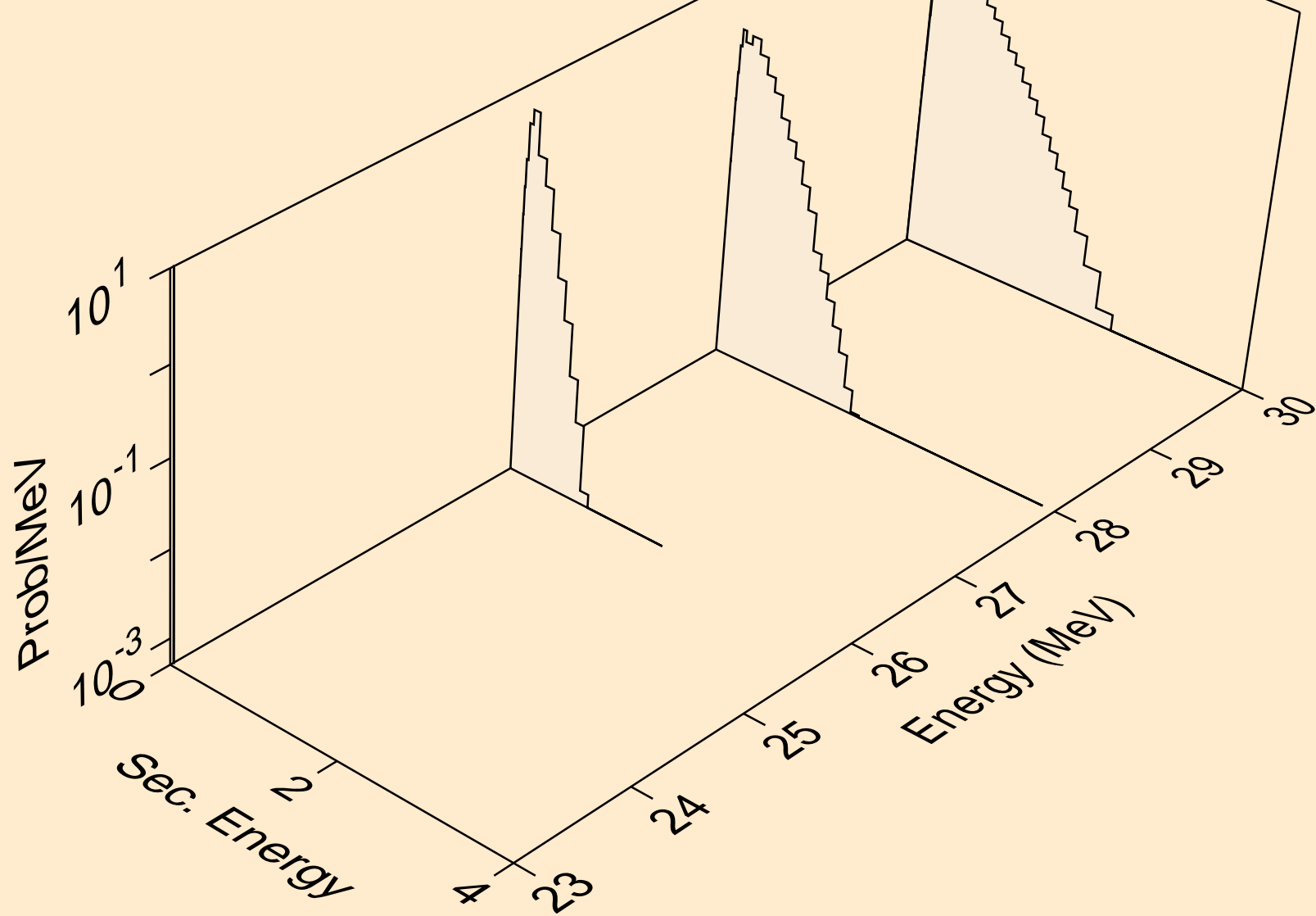




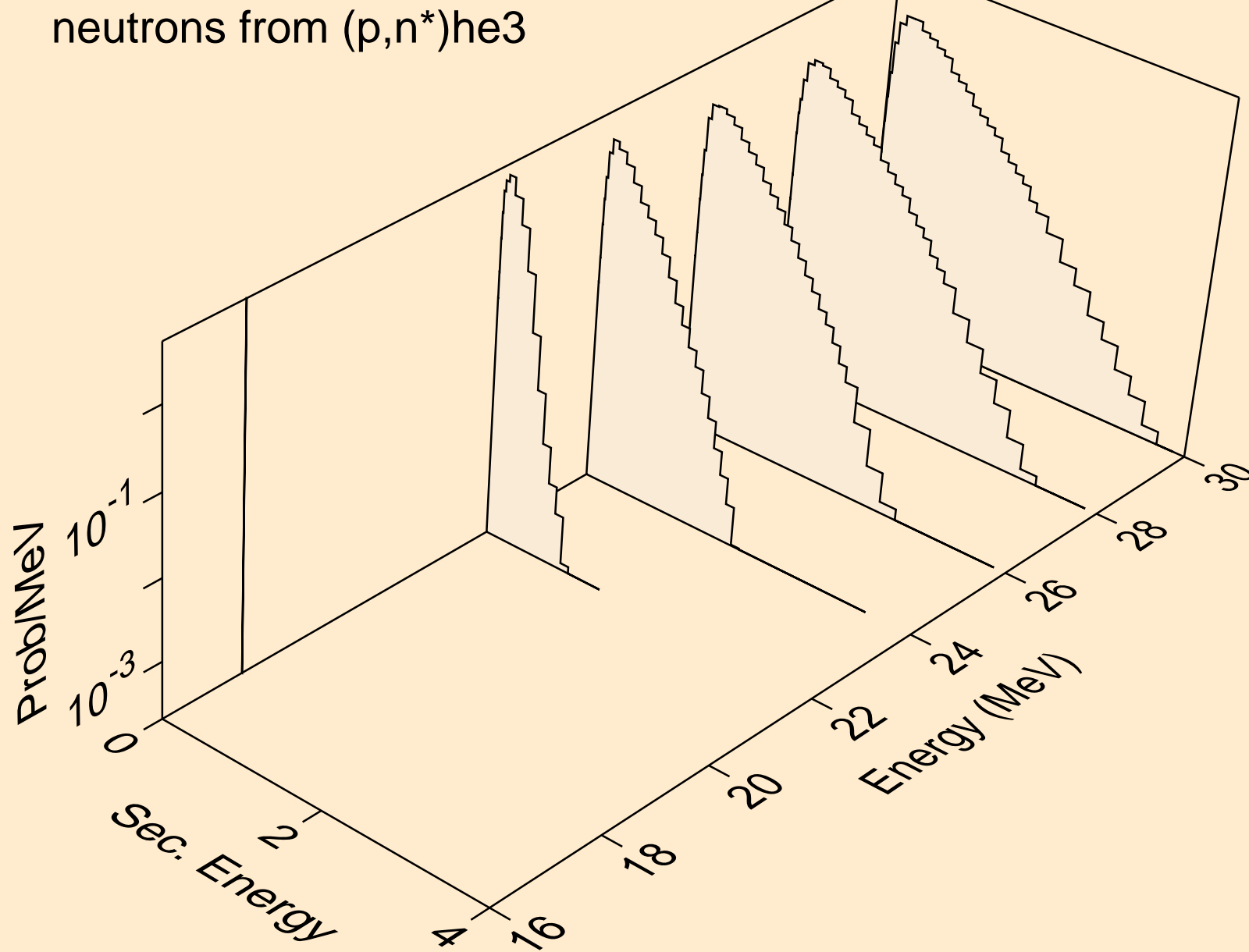
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neutrons from (p,n\*)d



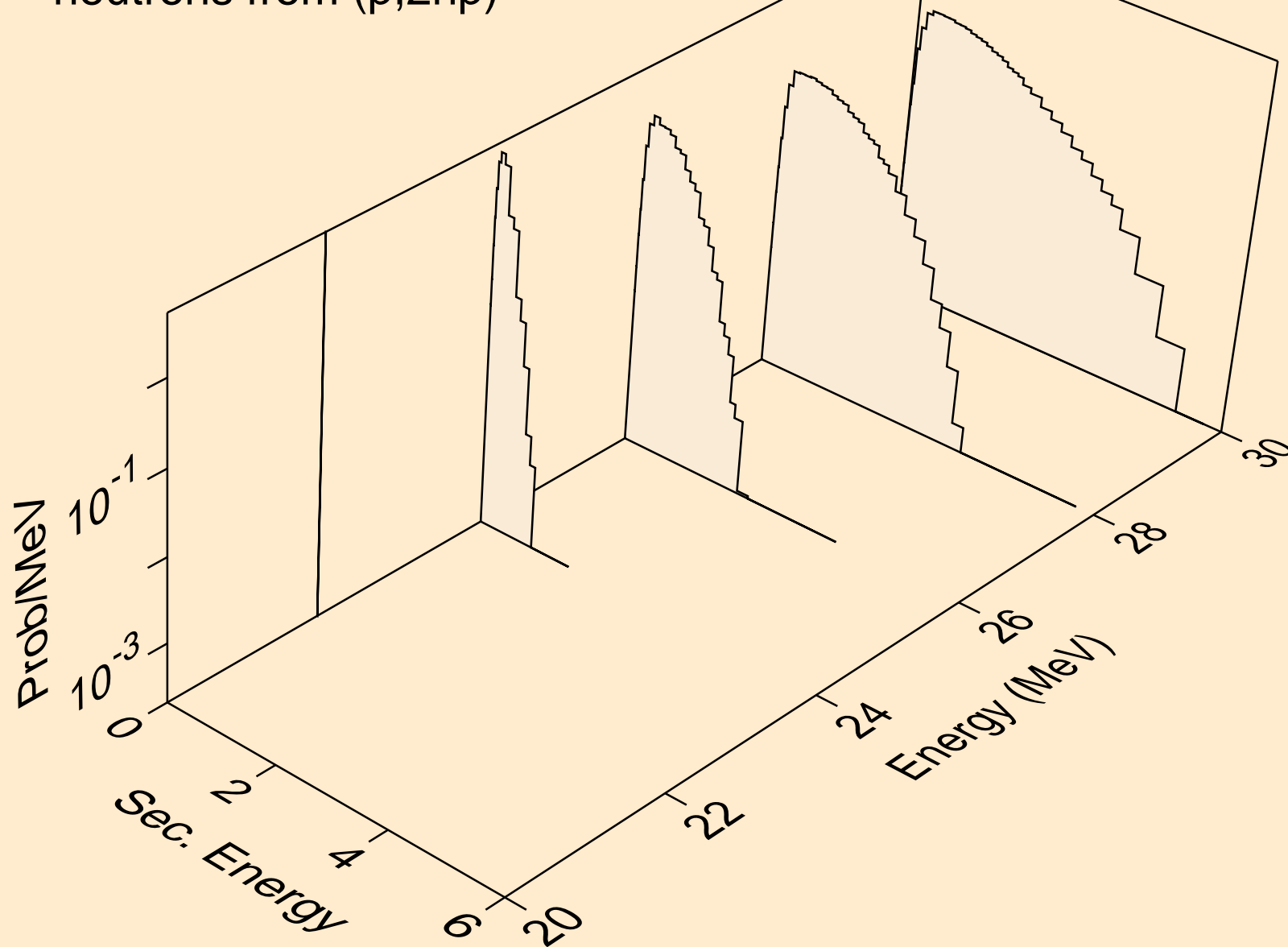
XE117 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)t



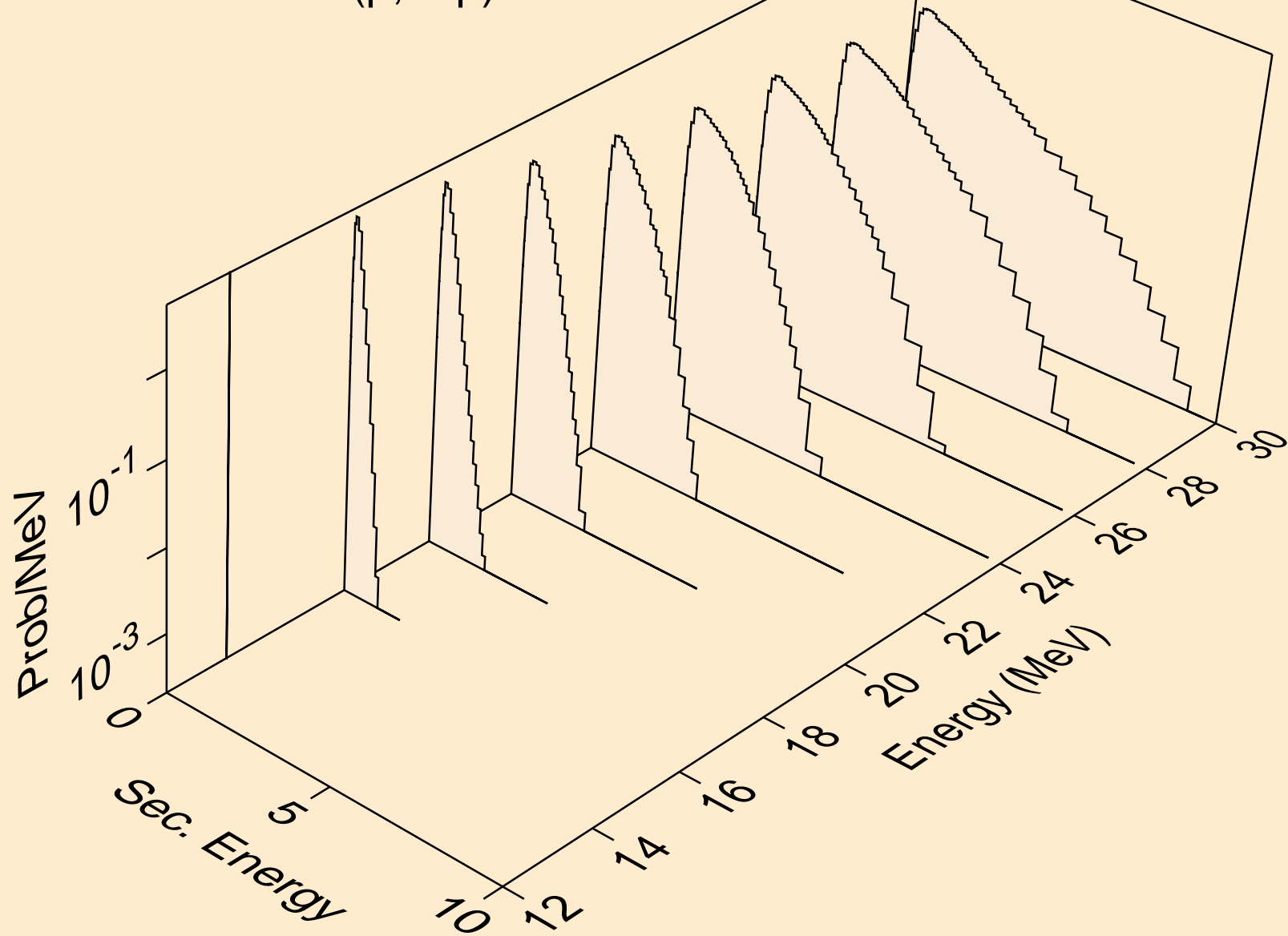
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neutrons from (p,n\*)he3



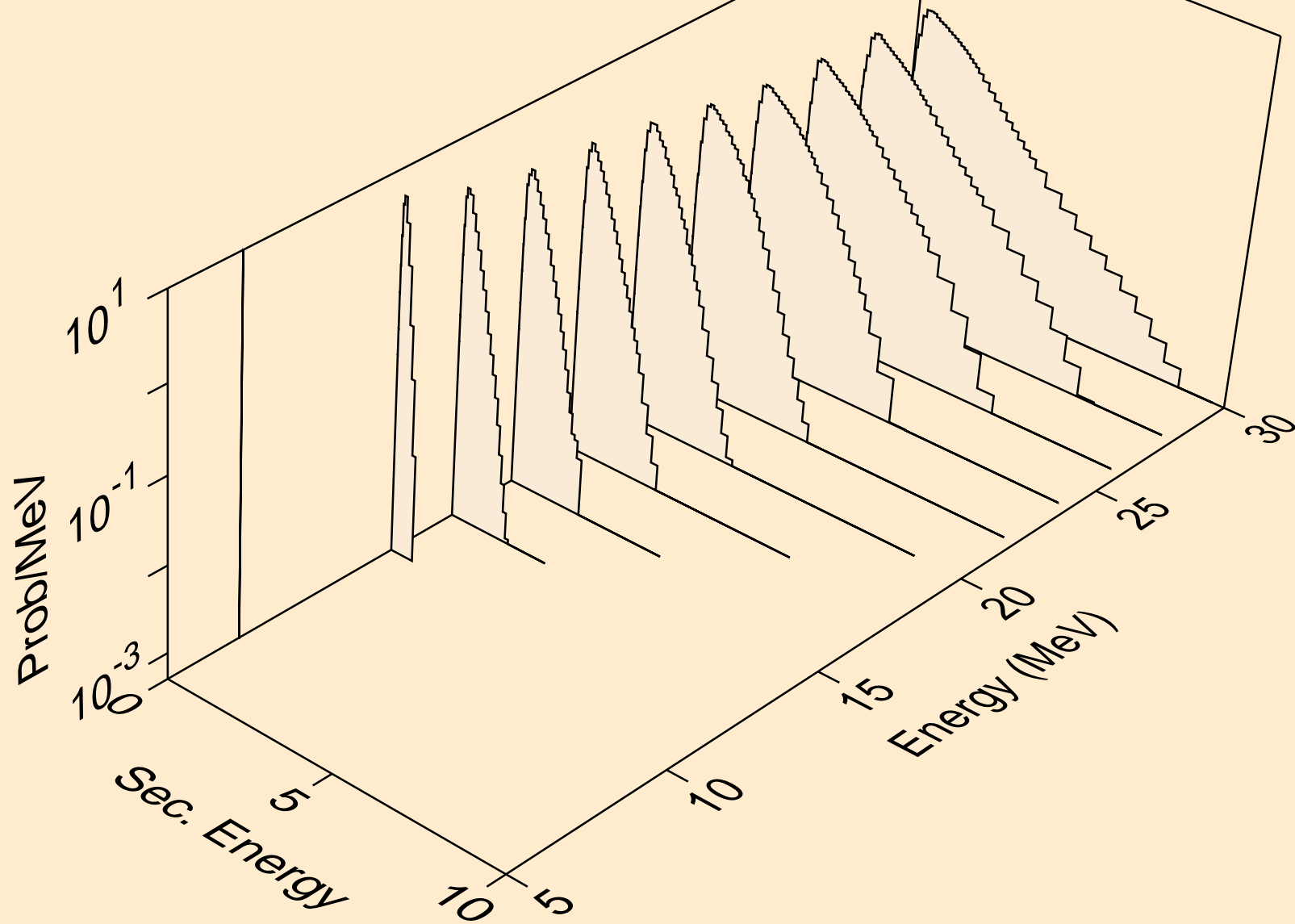
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neutrons from (p,2np)



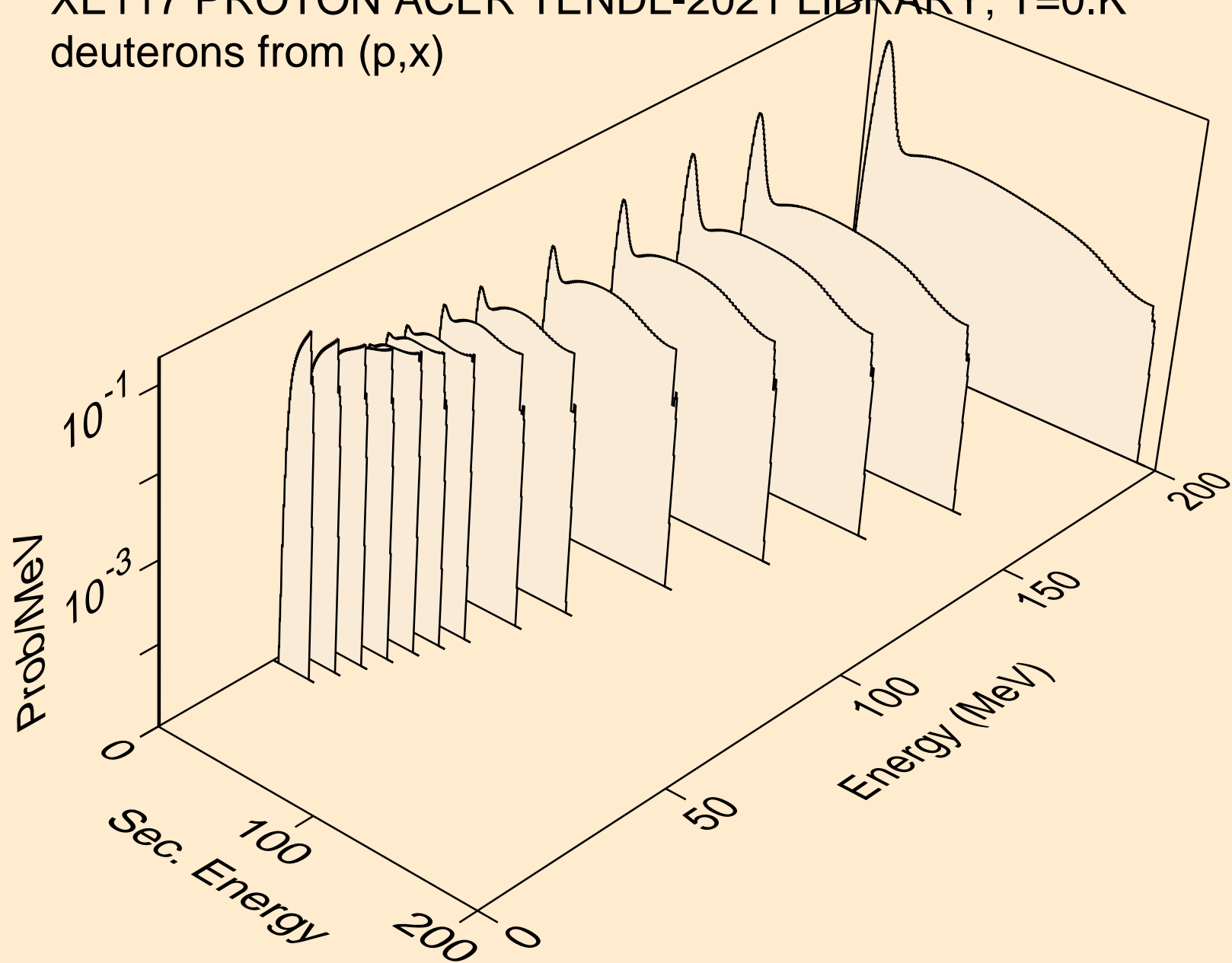
XE117 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2np)



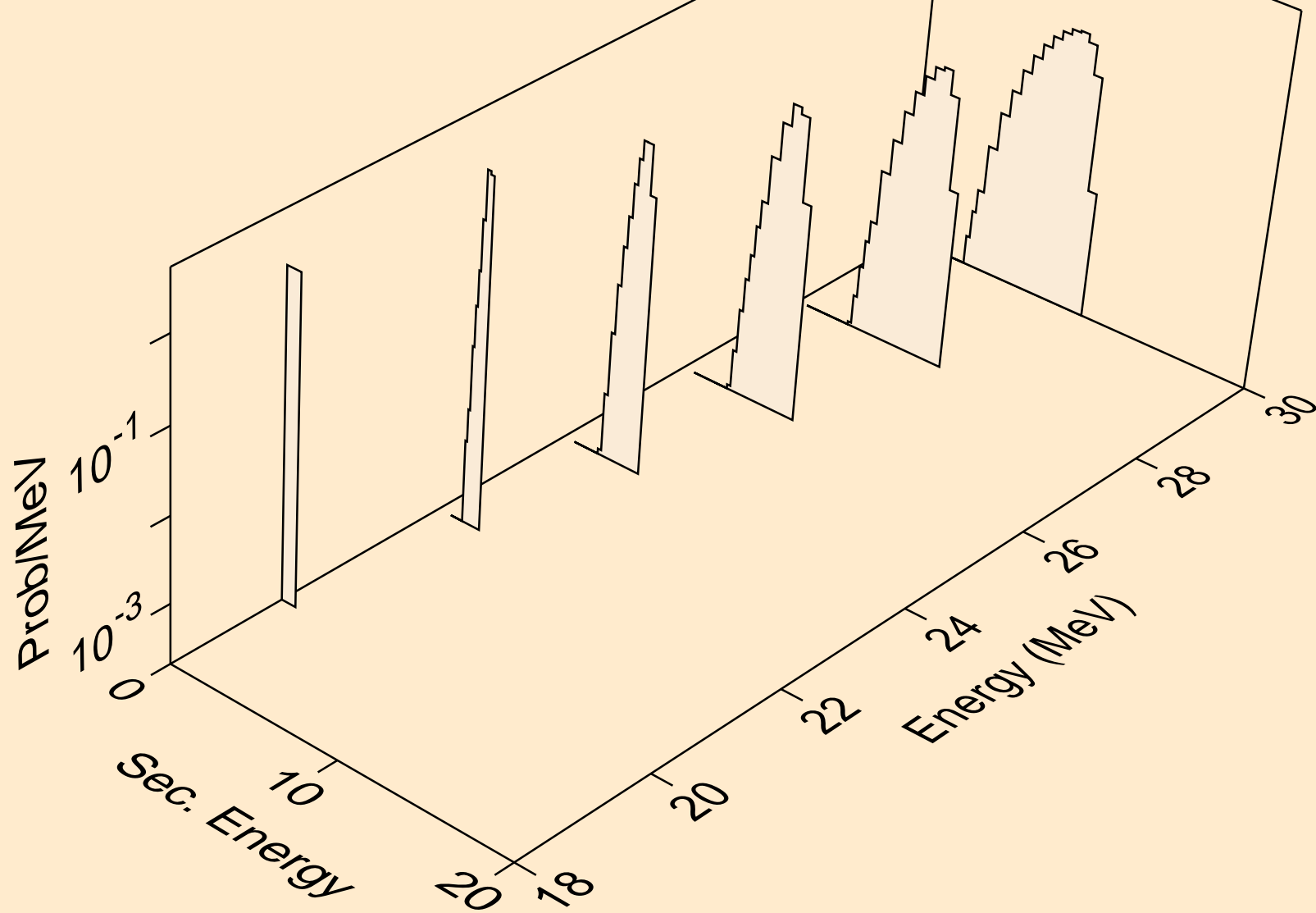
XE117 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,npa)



XE117 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,x)

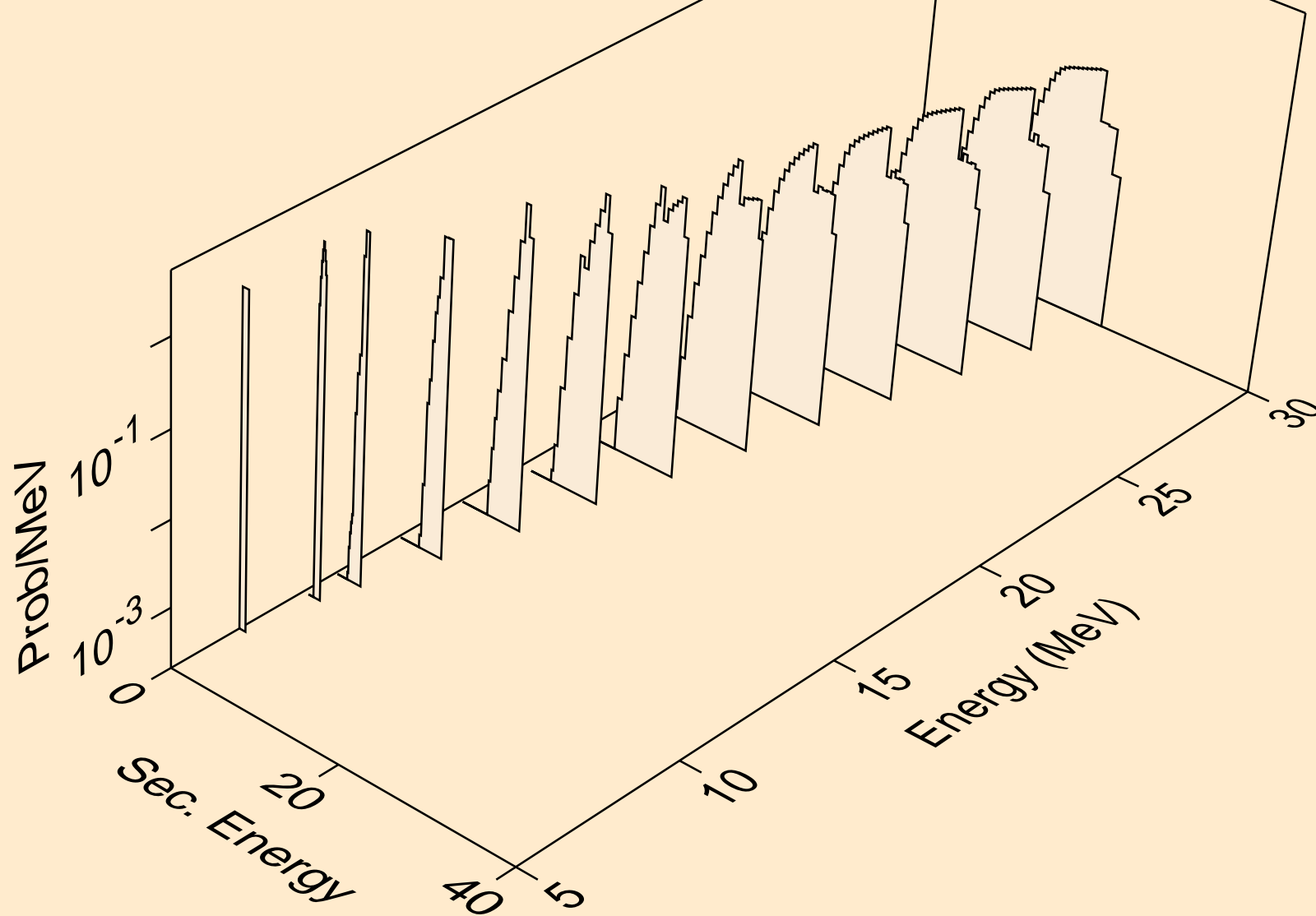


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deuterons from (p,n\*)d

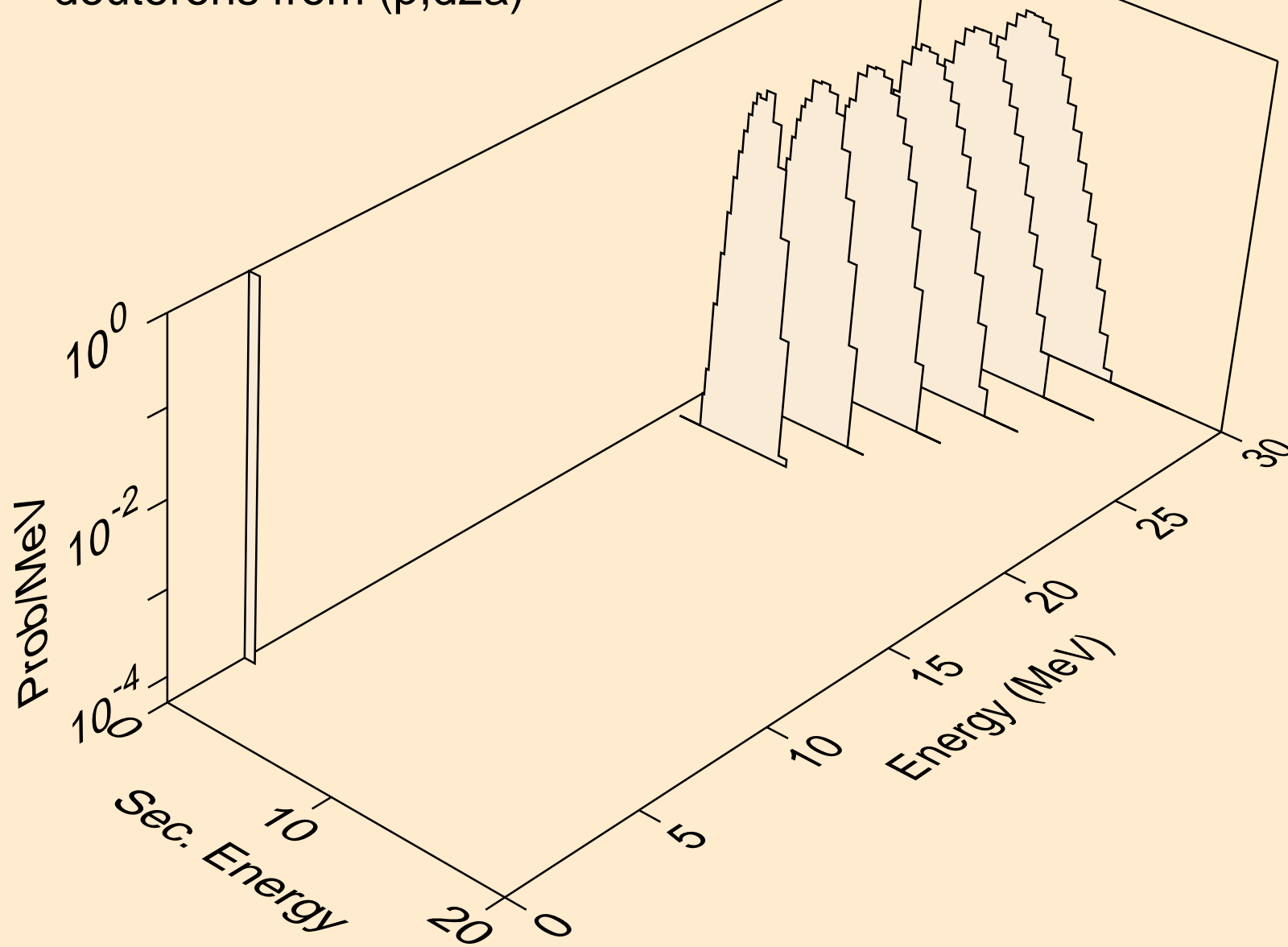




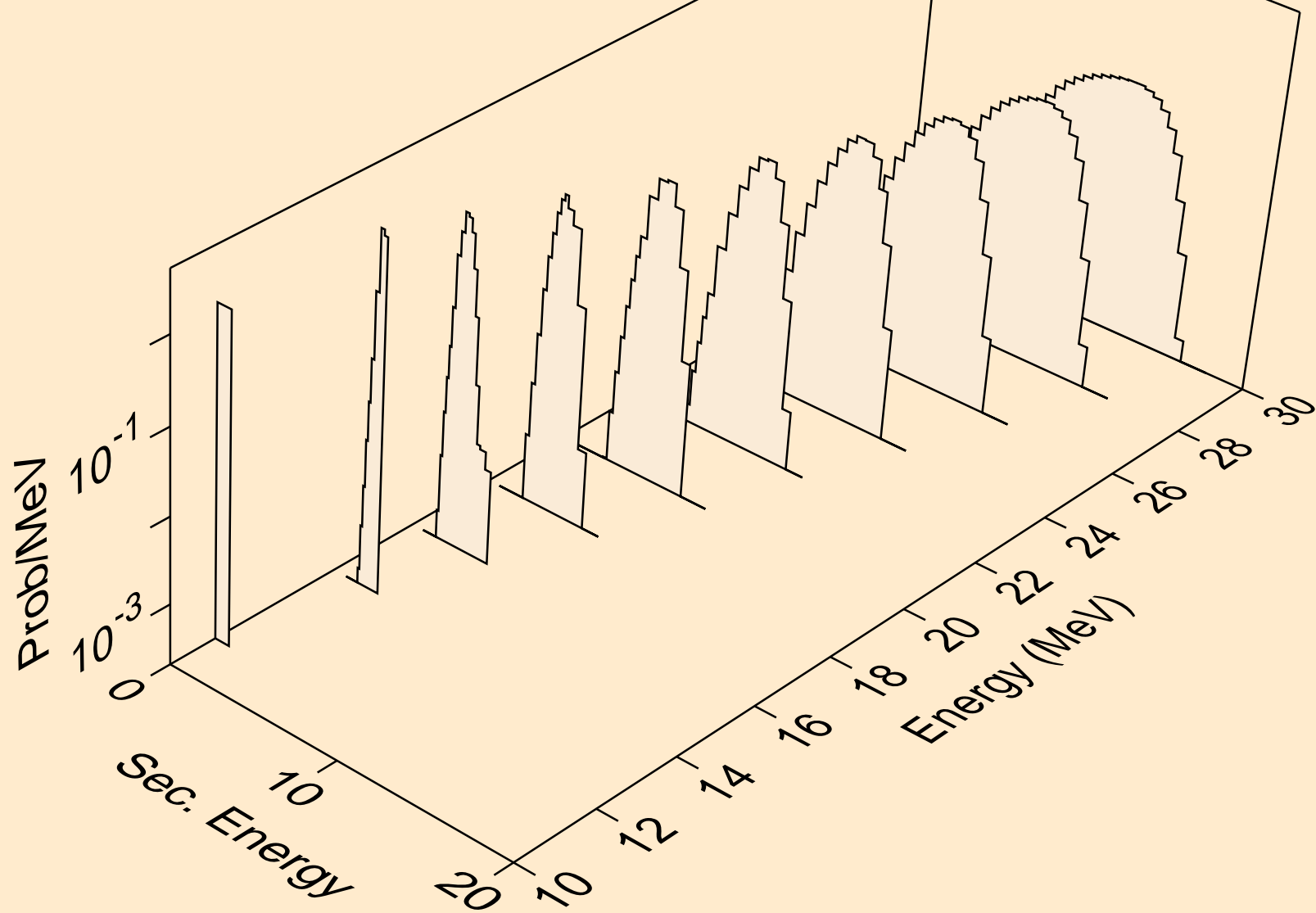
XE117 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,d)



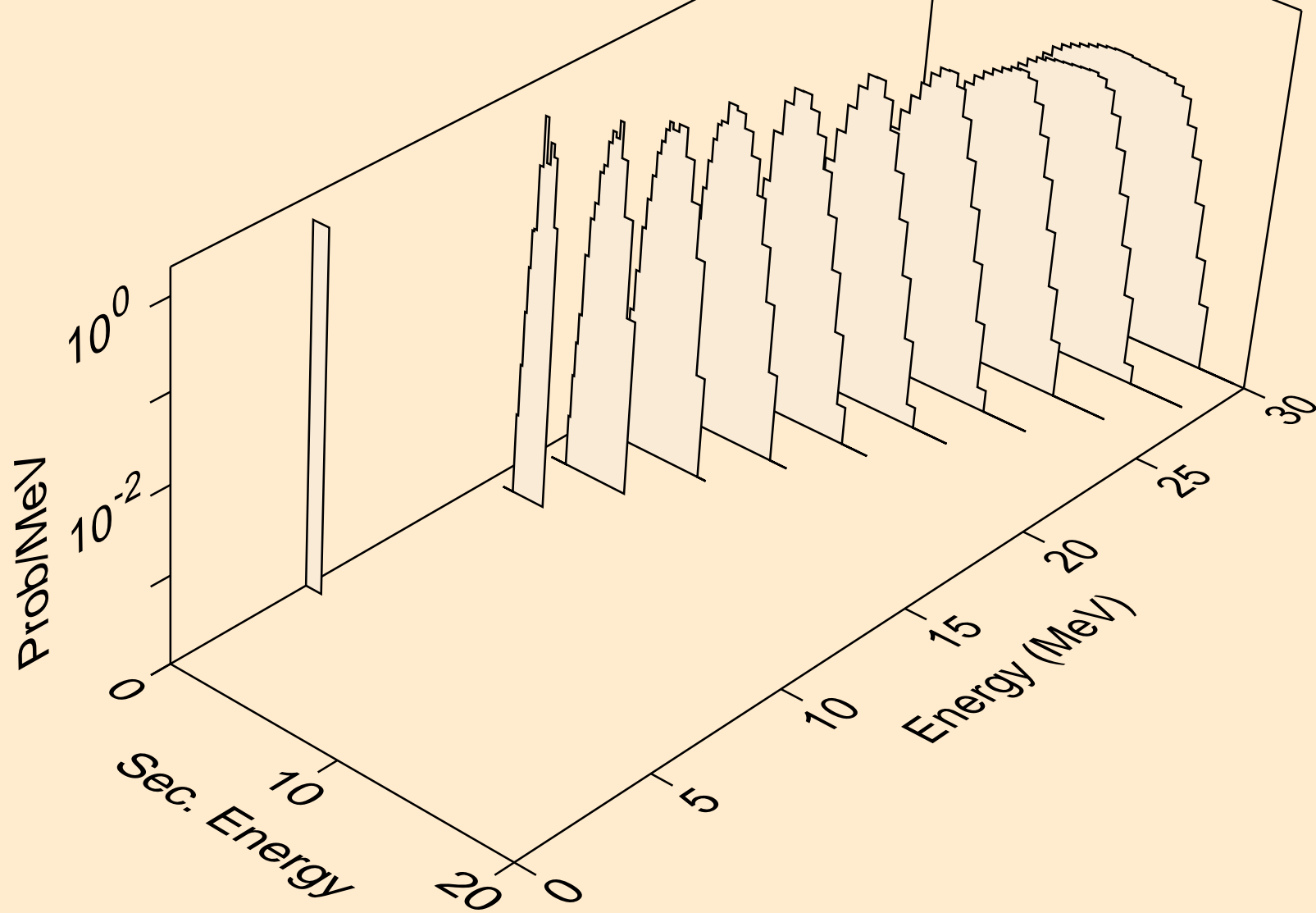
XE117 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,d2a)



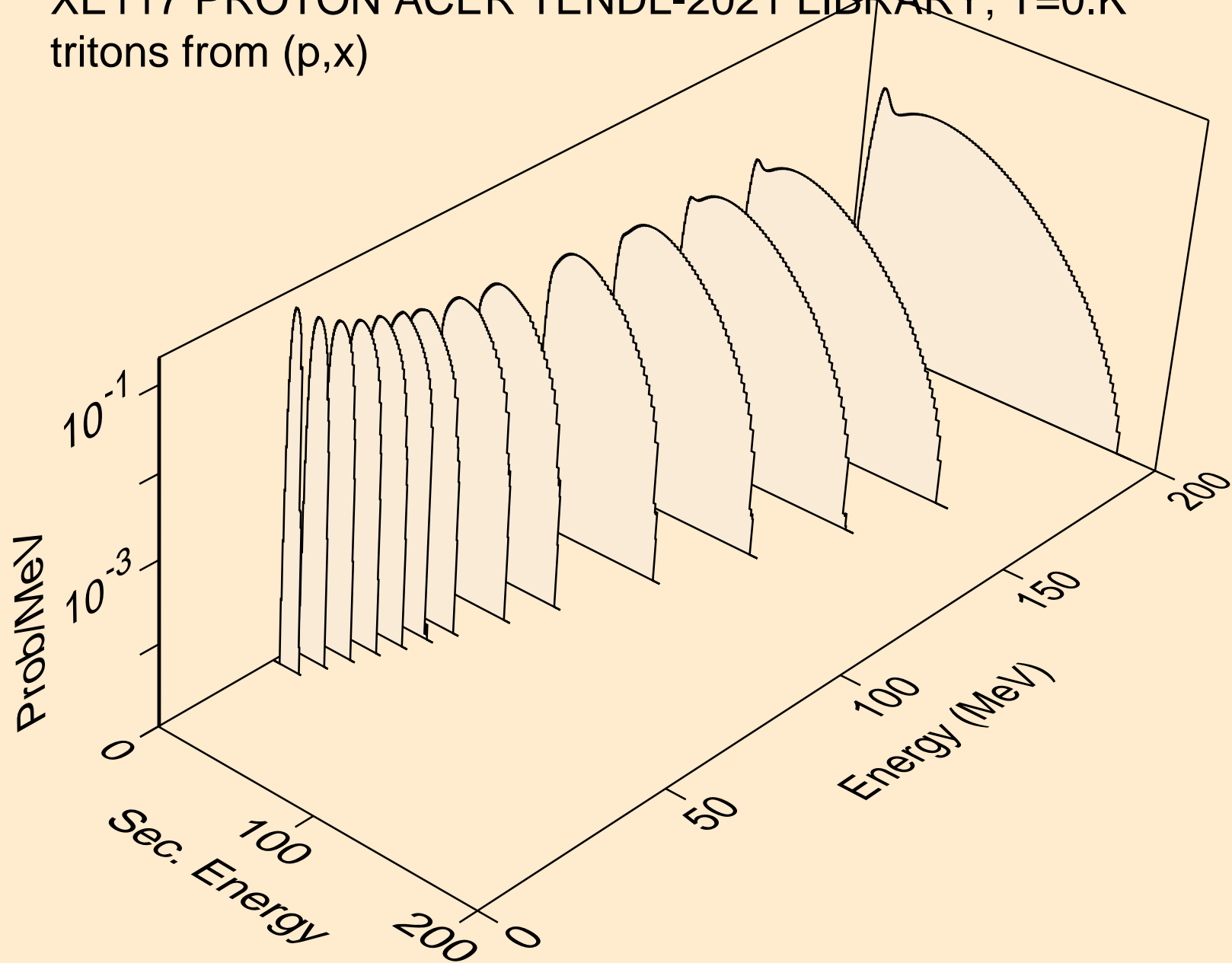
XE117 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,pd)



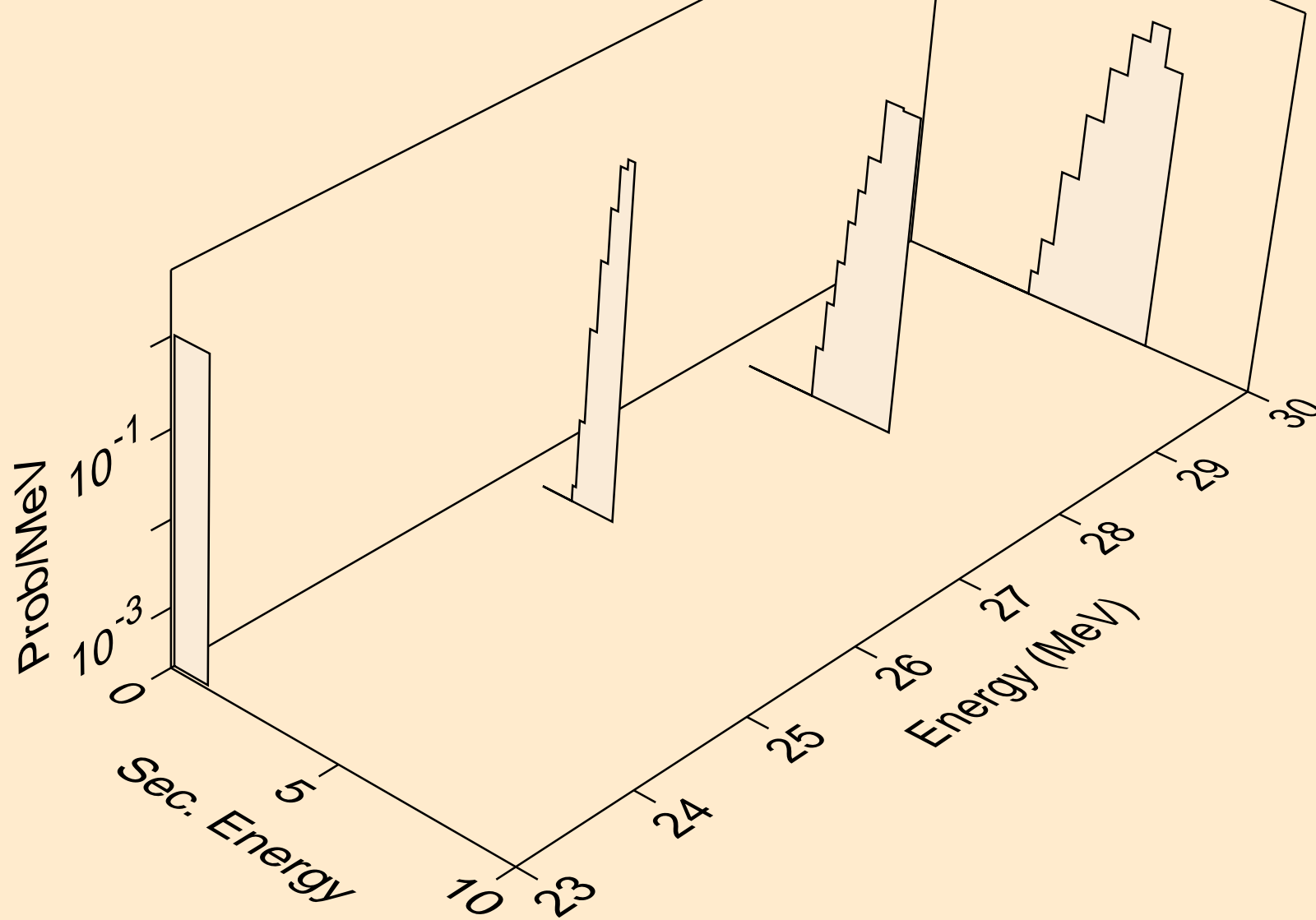
XE117 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,da)



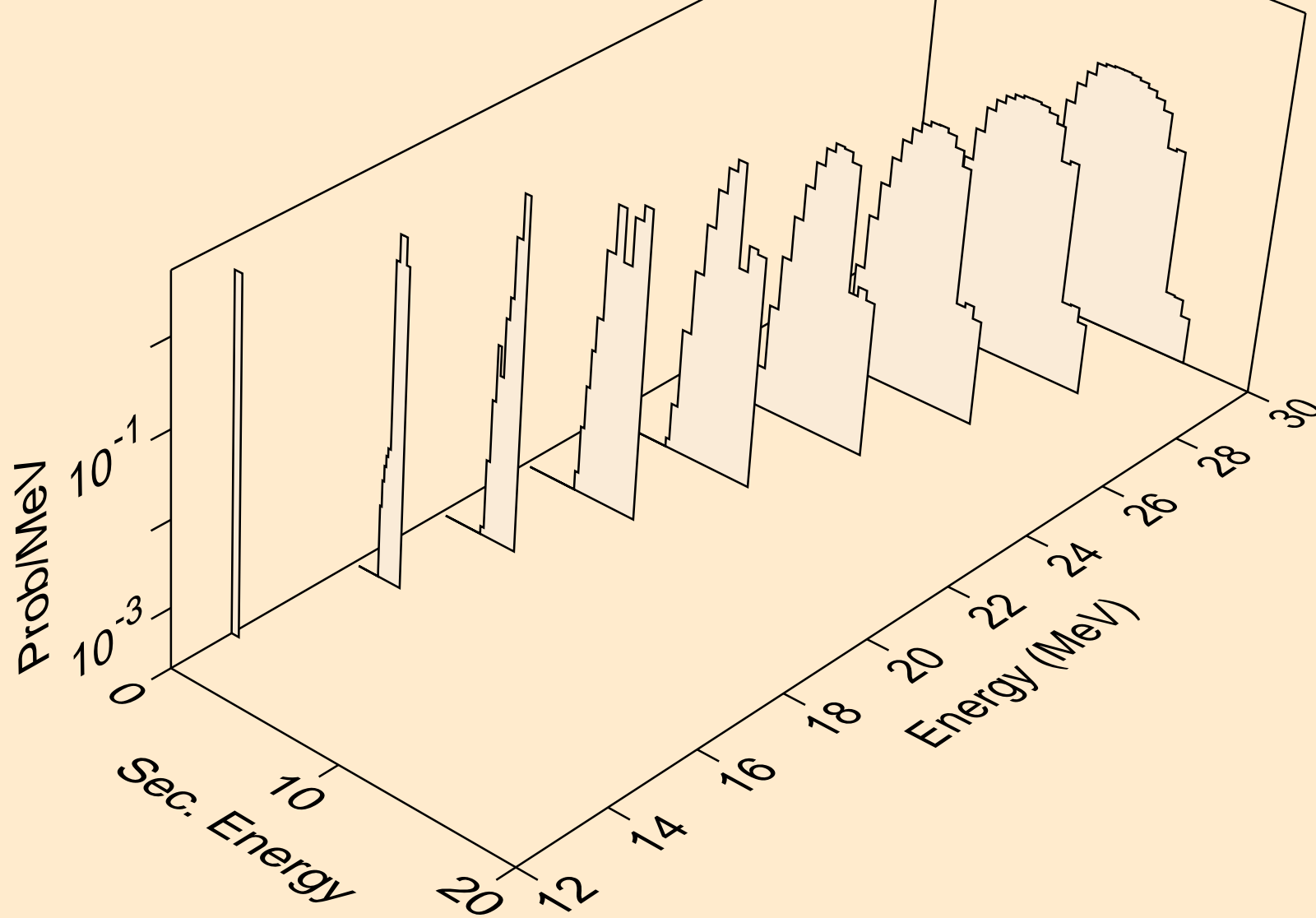
XE117 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,x)



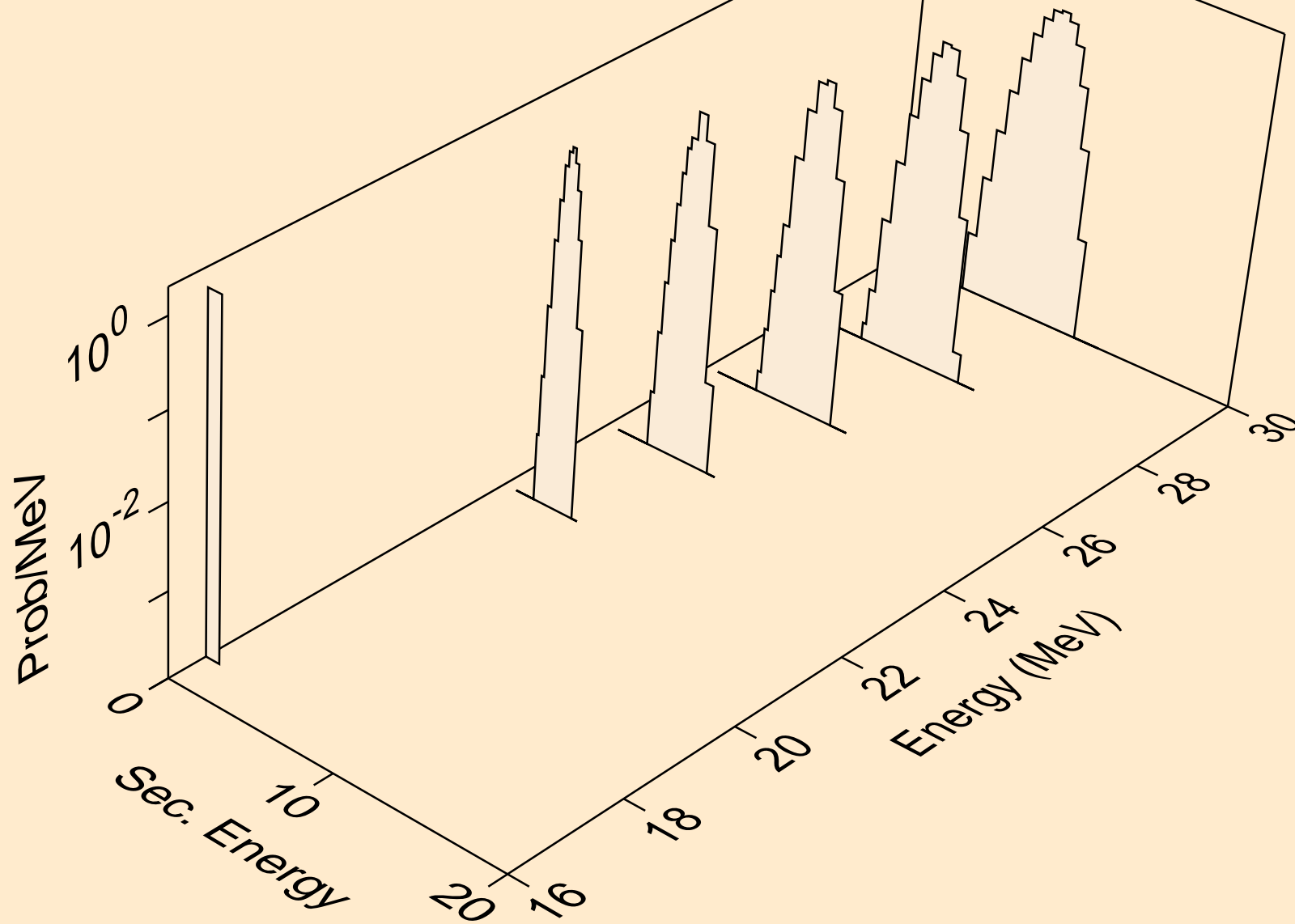
XE117 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,n\*)t



XE117 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,t)

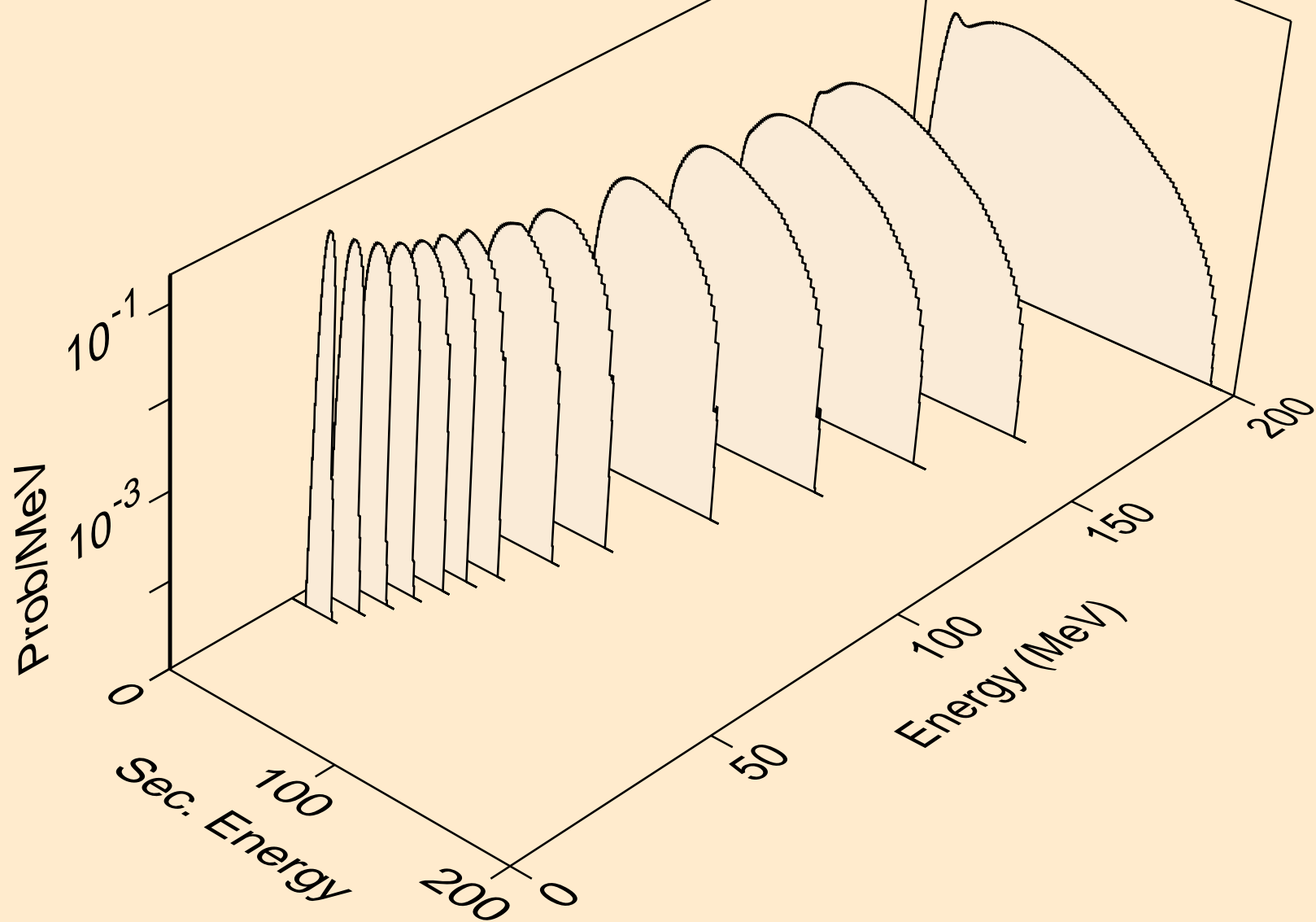


XE117 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,pt)

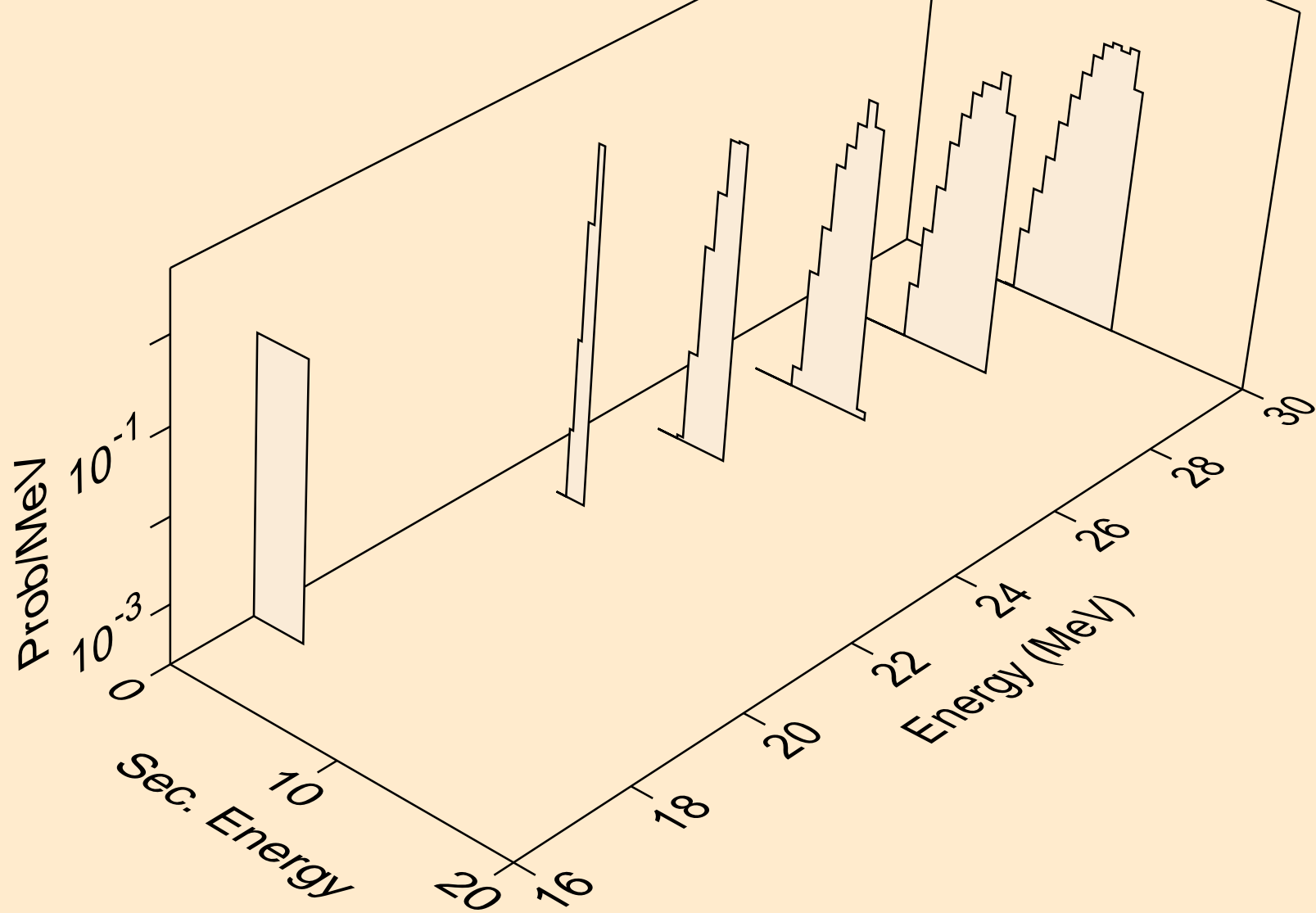




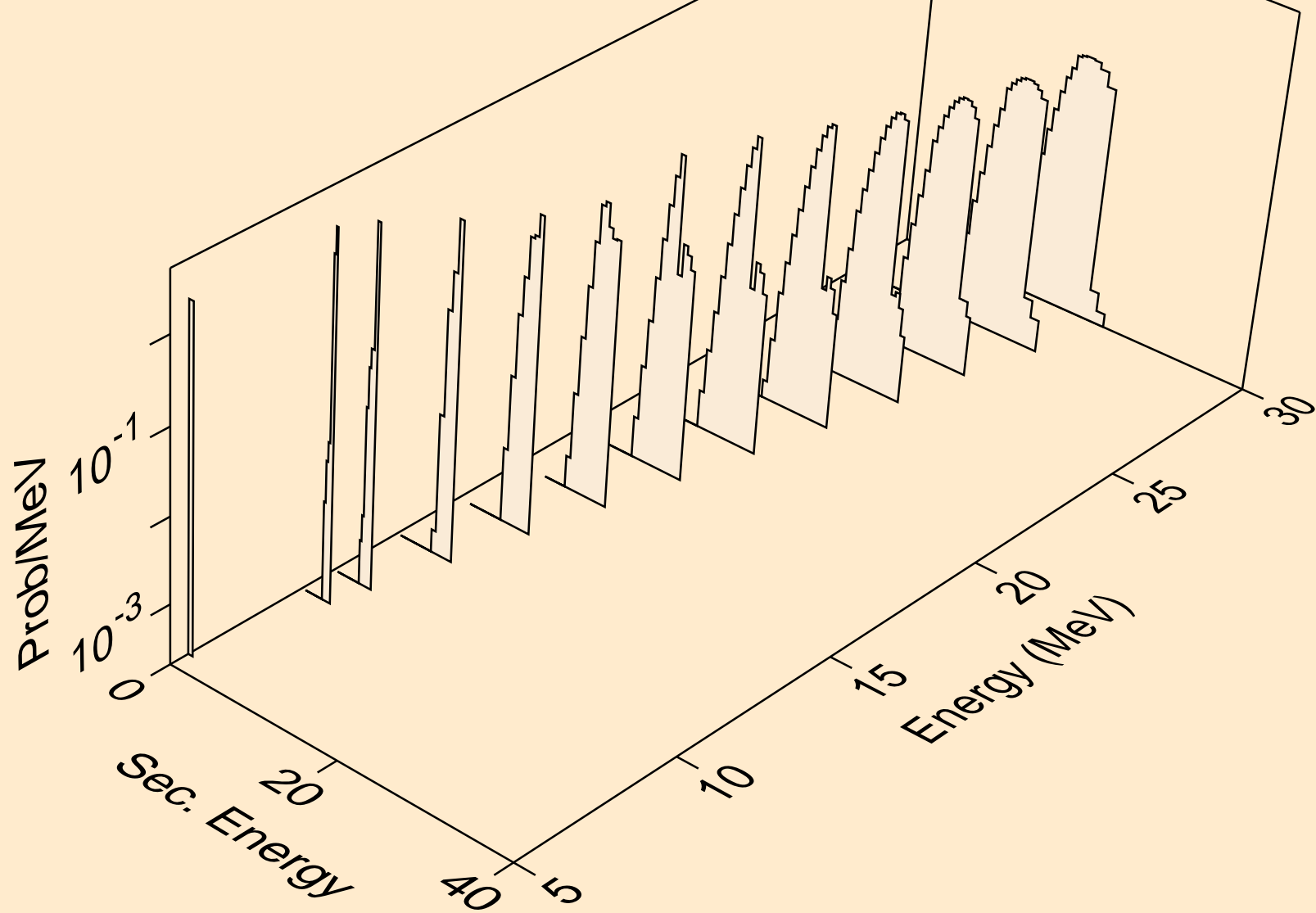
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he3s from (p,x)



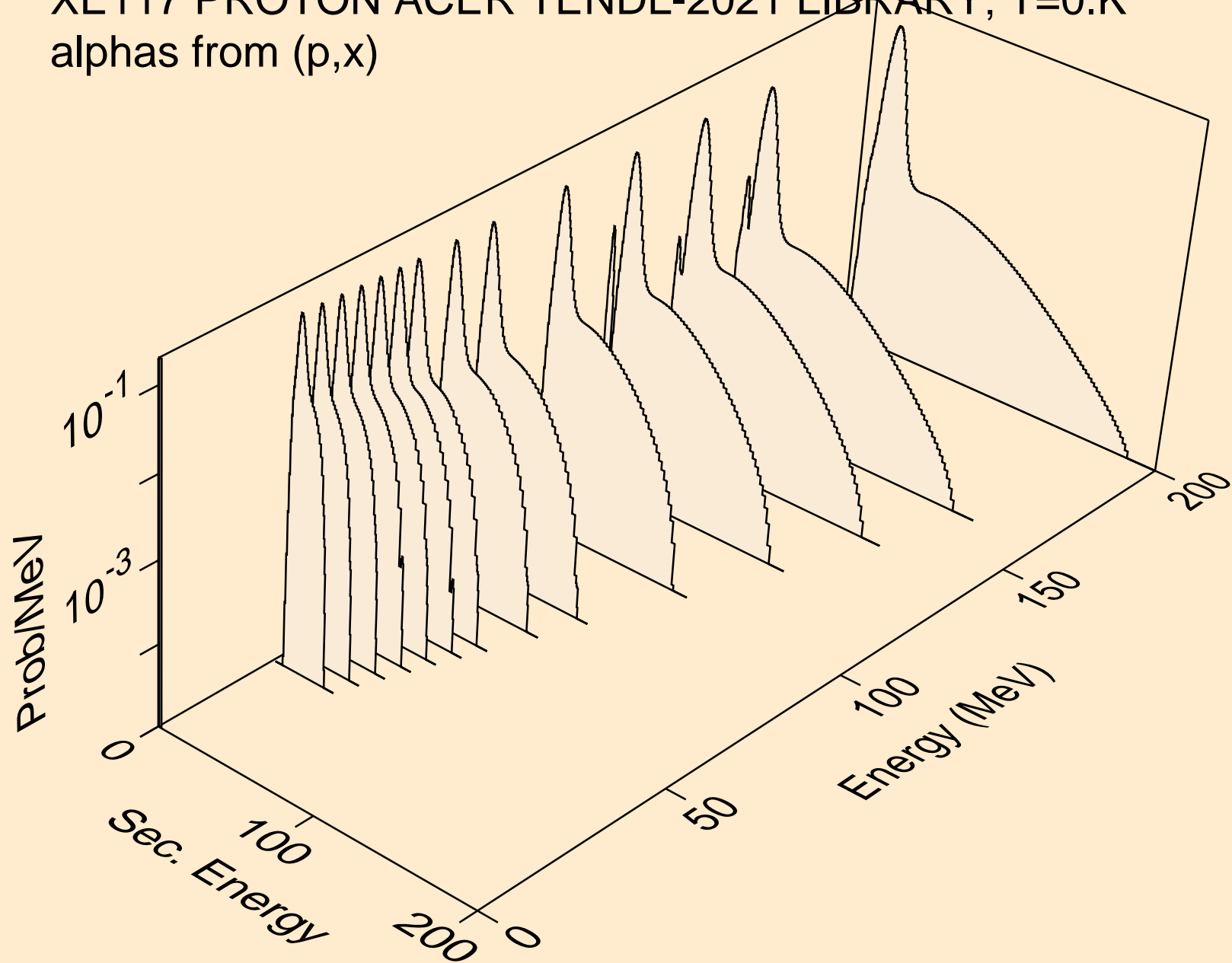
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he3s from (p,n\*)he3



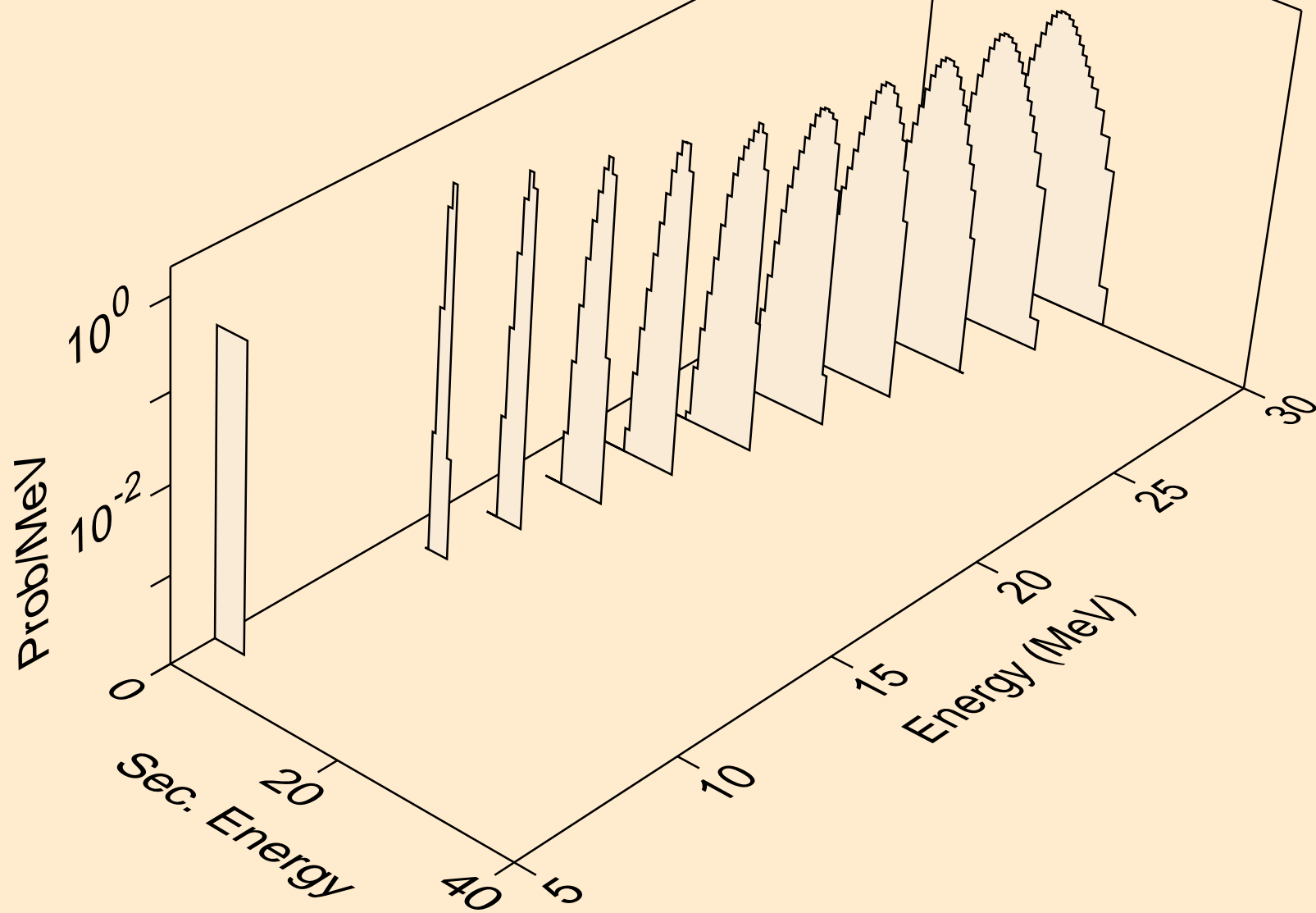
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he3s from (p,he3)



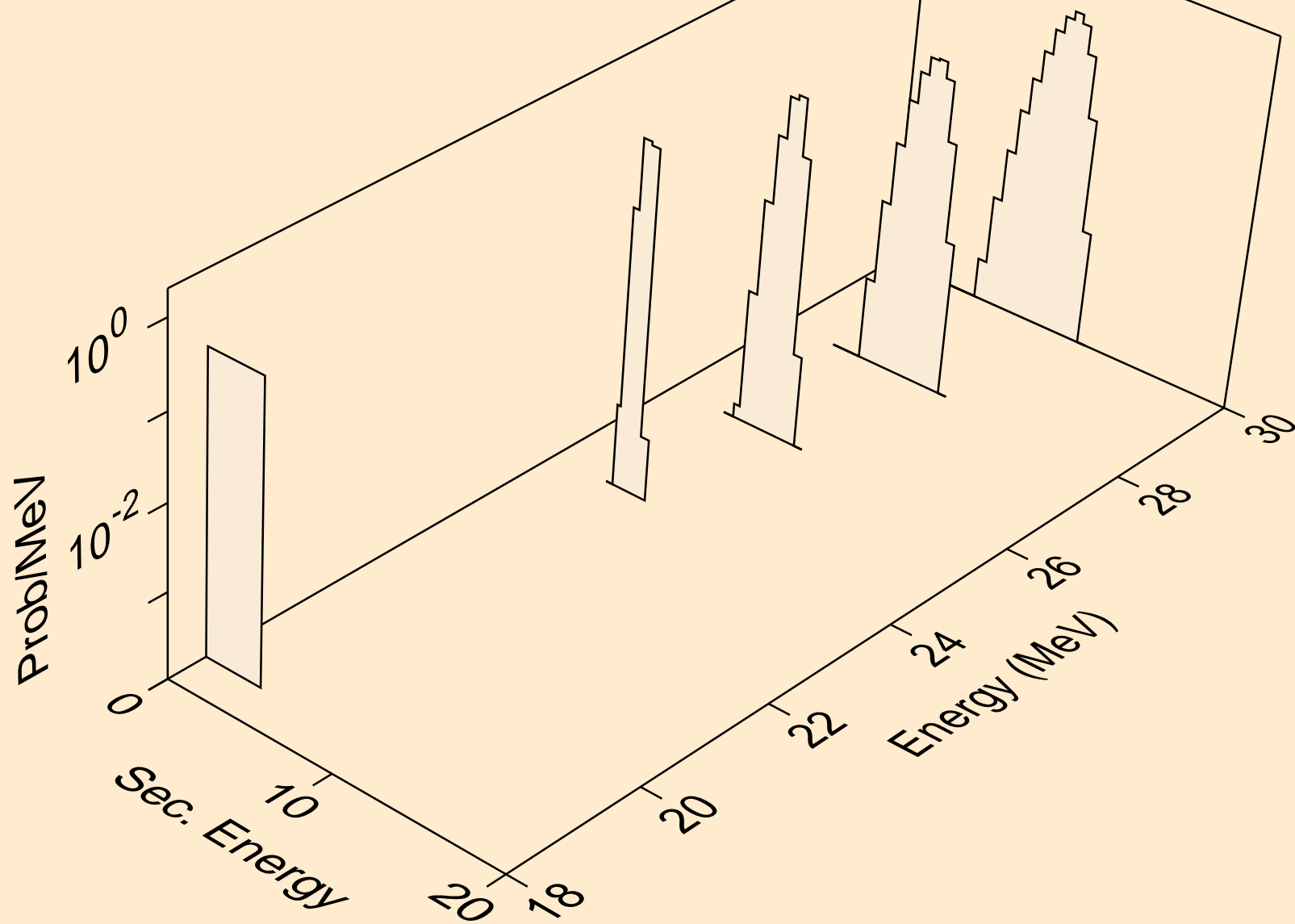
XE117 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,x)



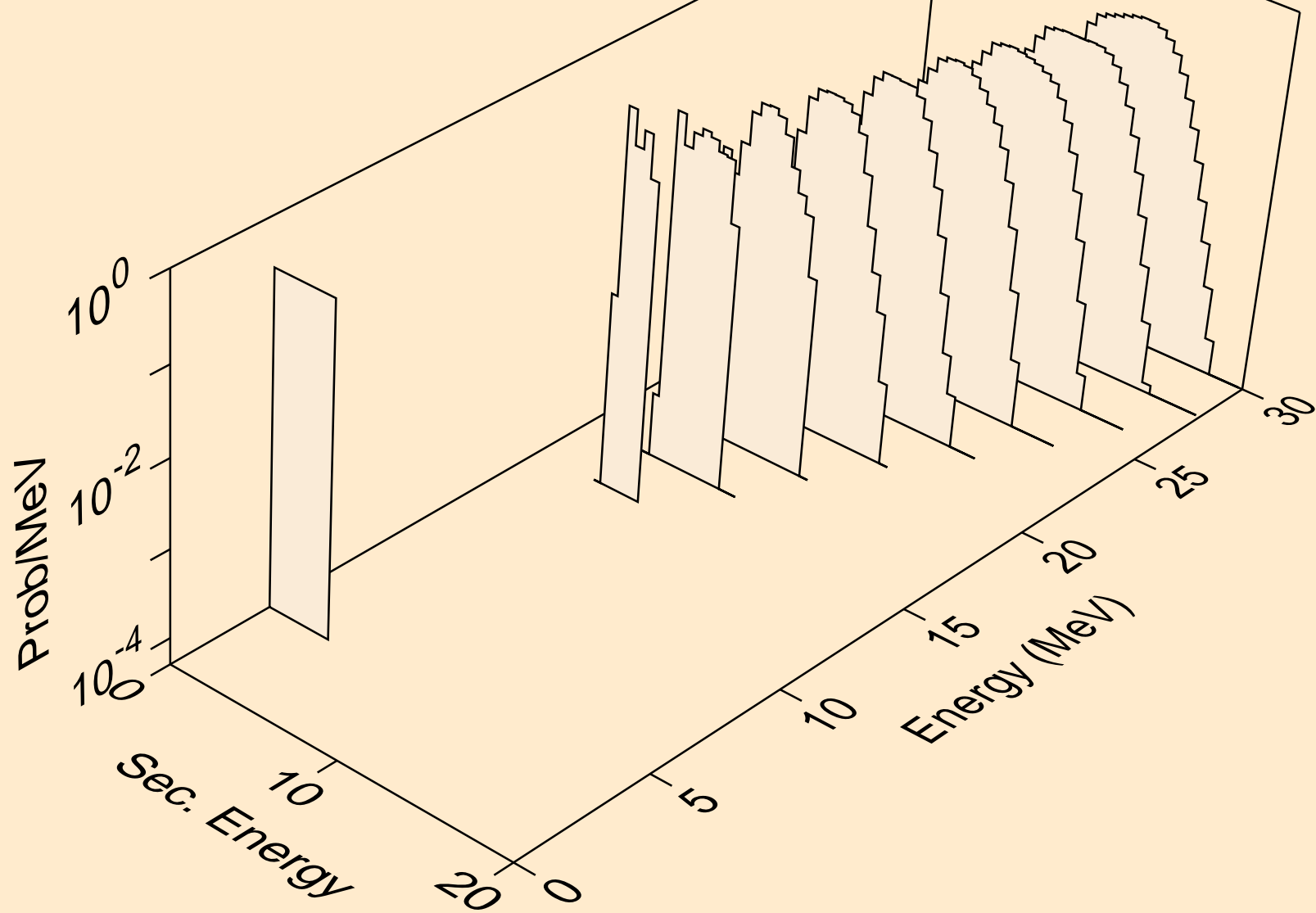
XE117 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,n\*)a



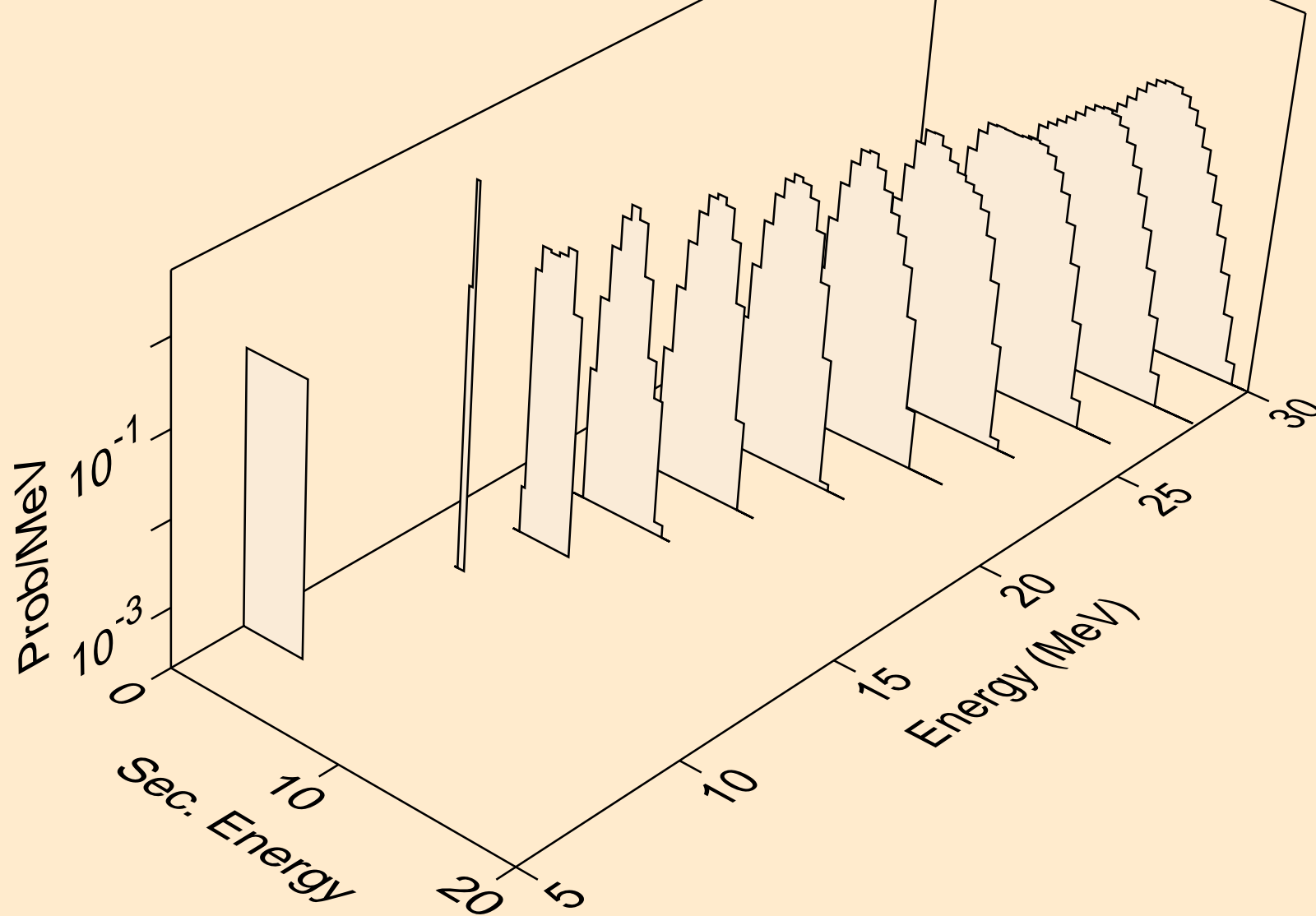
XE117 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,2n)a



XE117 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,n\*)2a

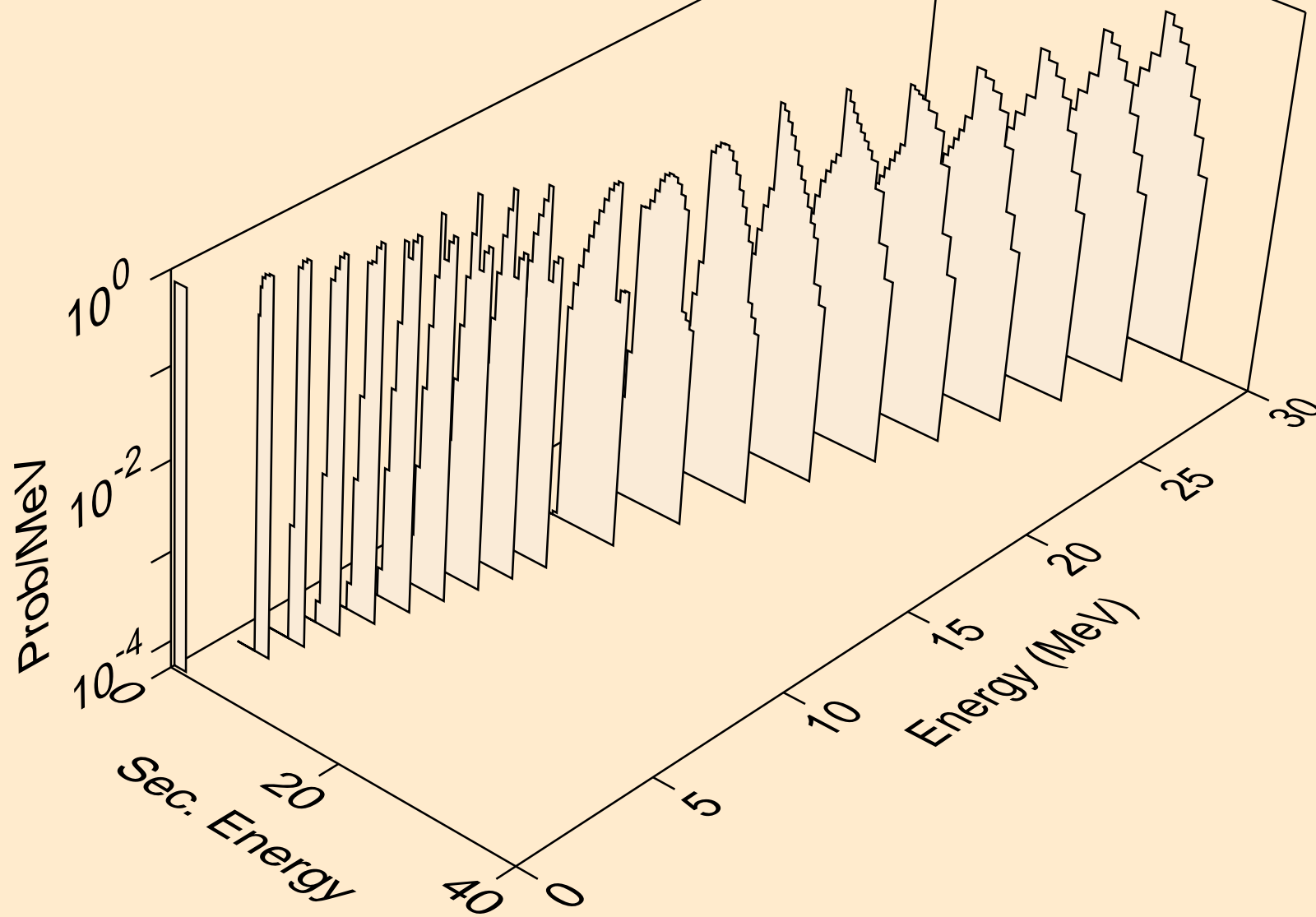


XE117 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,npa)

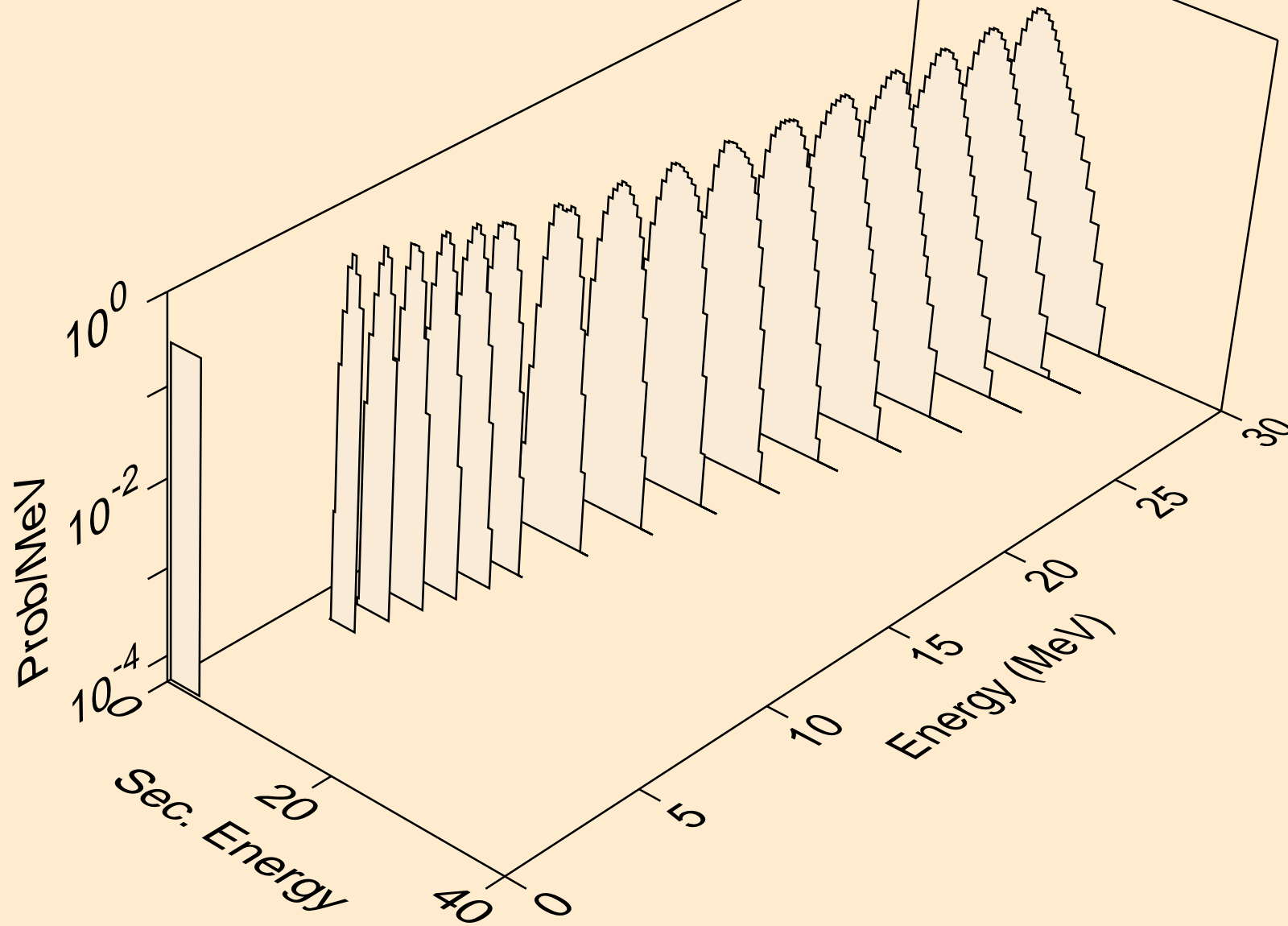




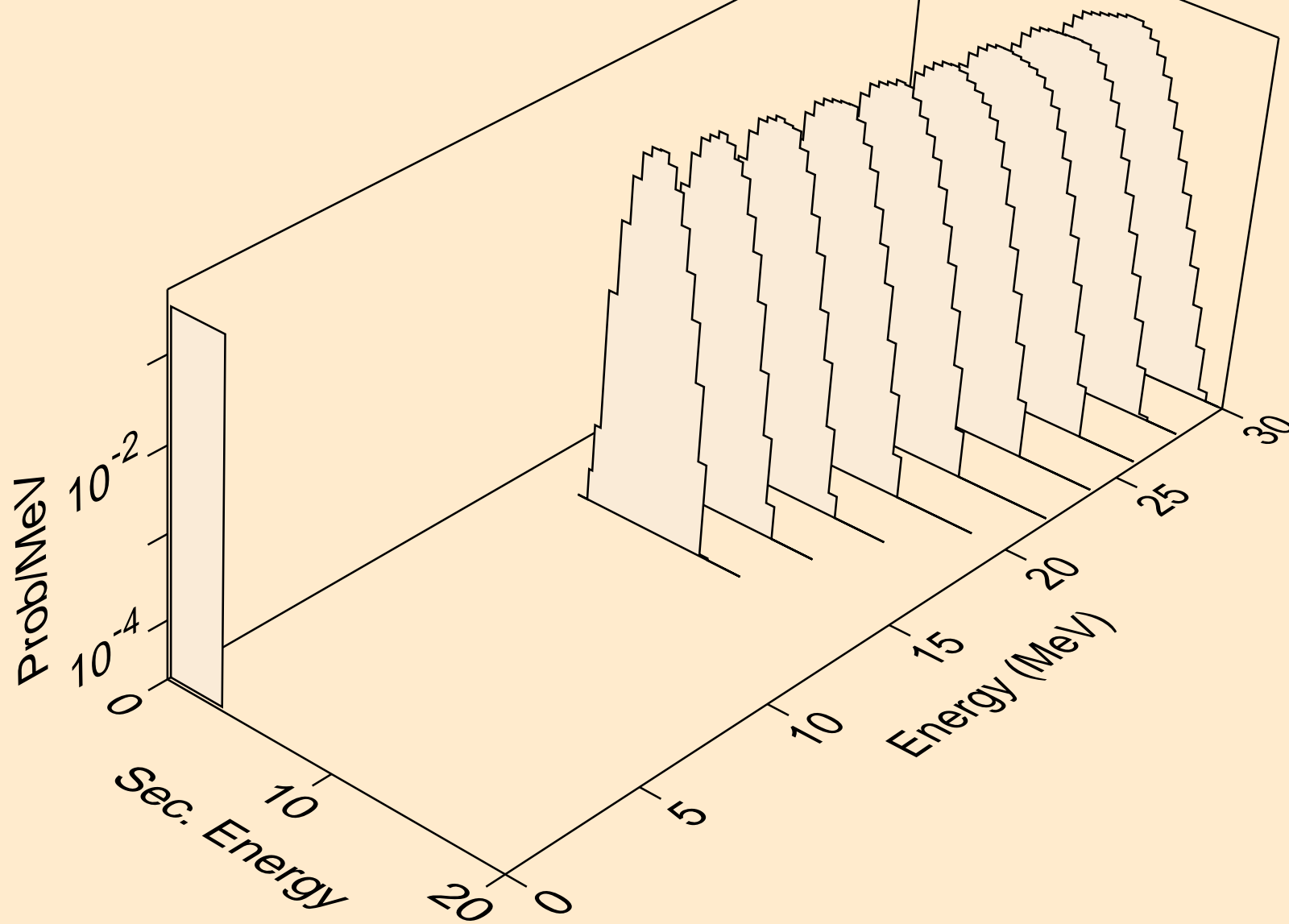
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alphas from (p,a)



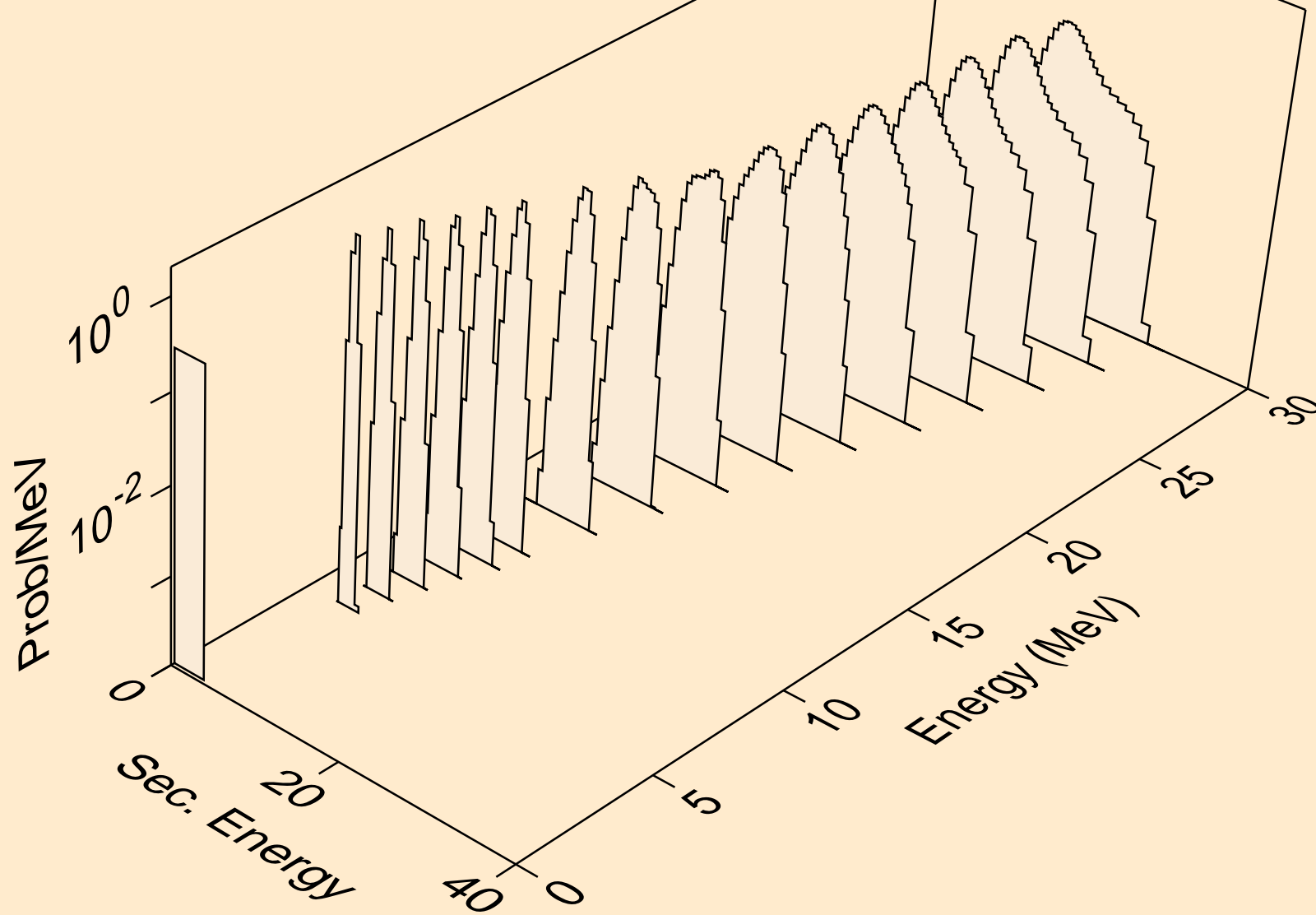
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alphas from (p,2a)



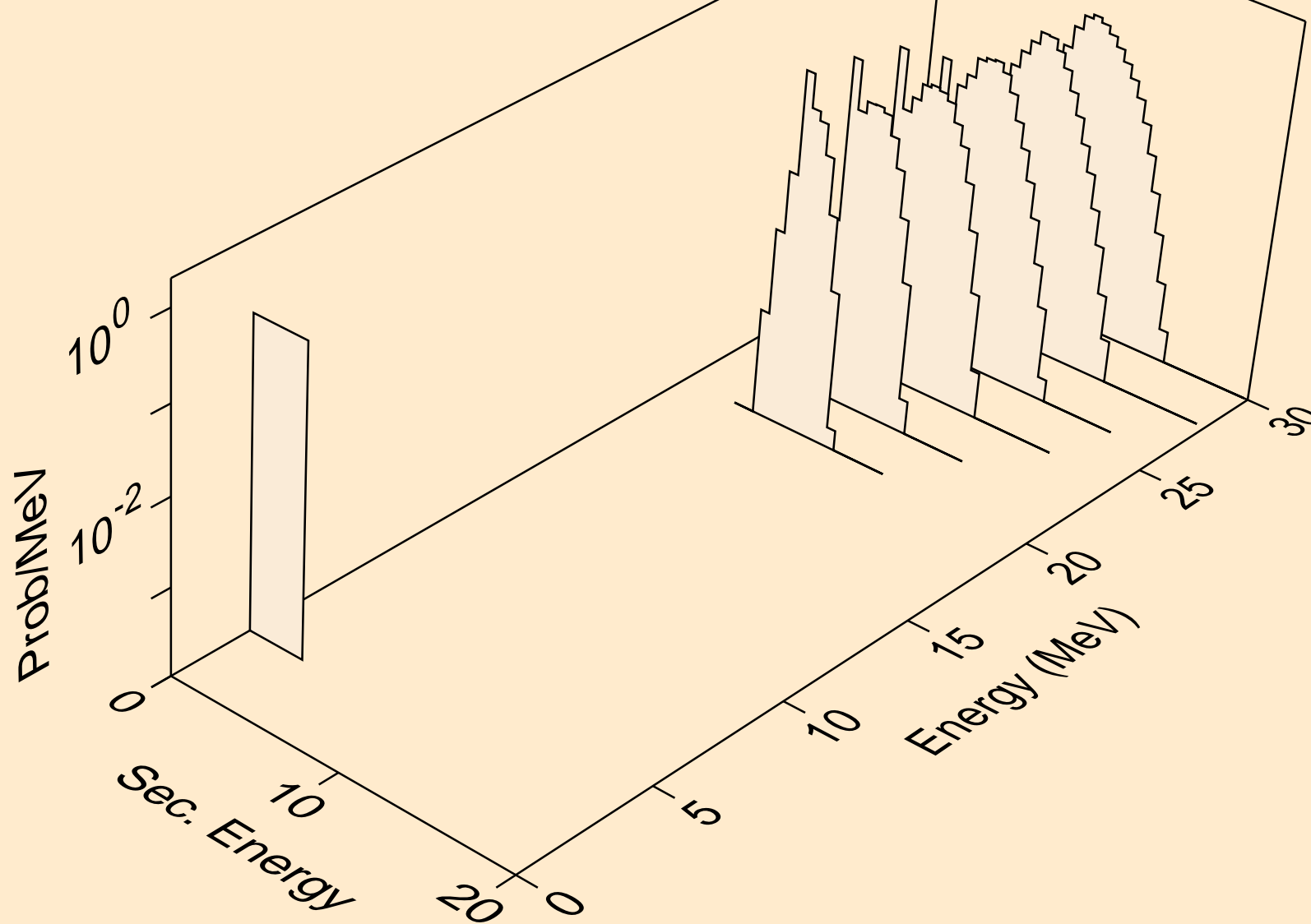
XE117 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,3a)



XE117 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,pa)



XE117 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,d2a)



XE117 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,da)

