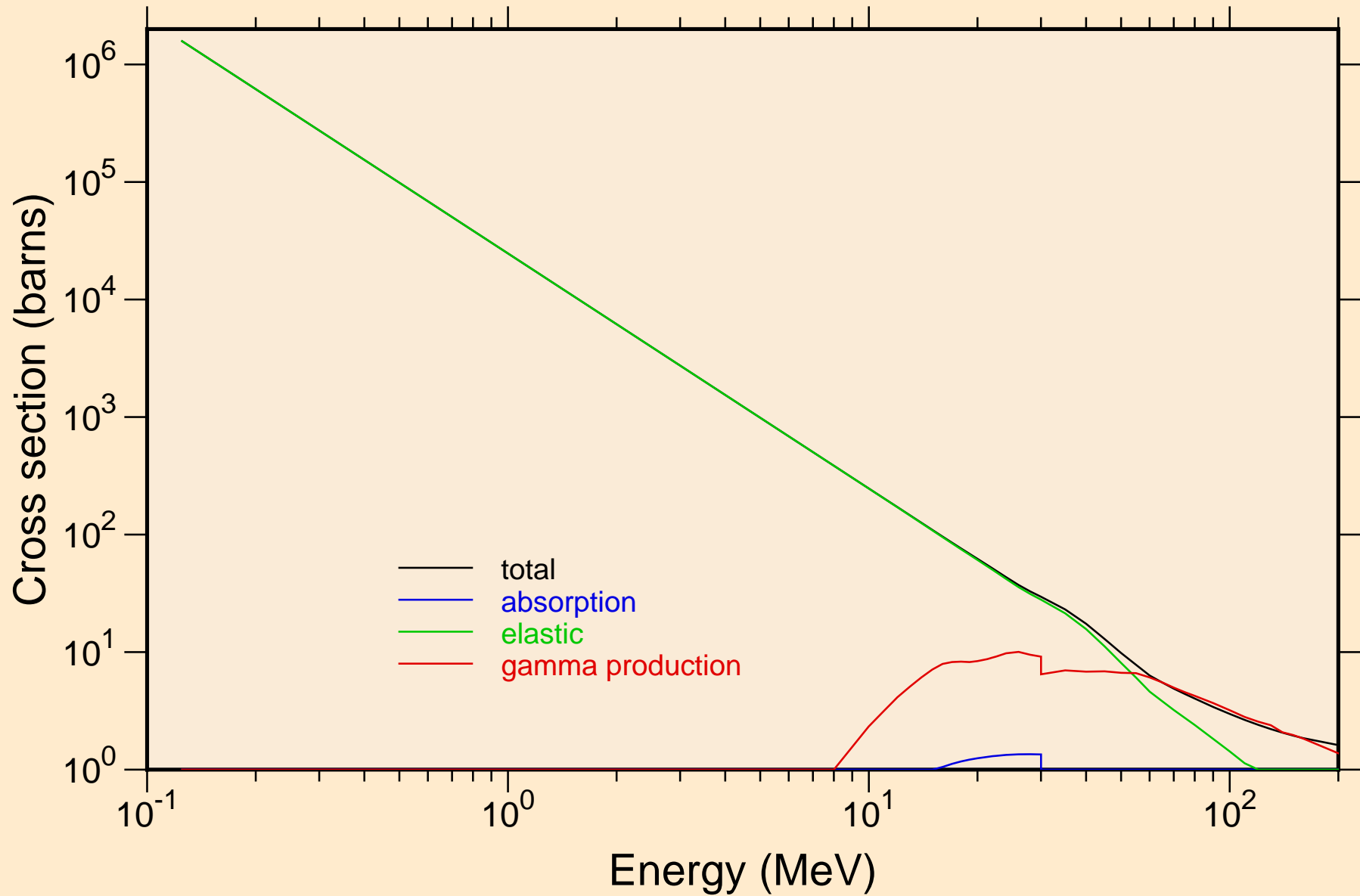
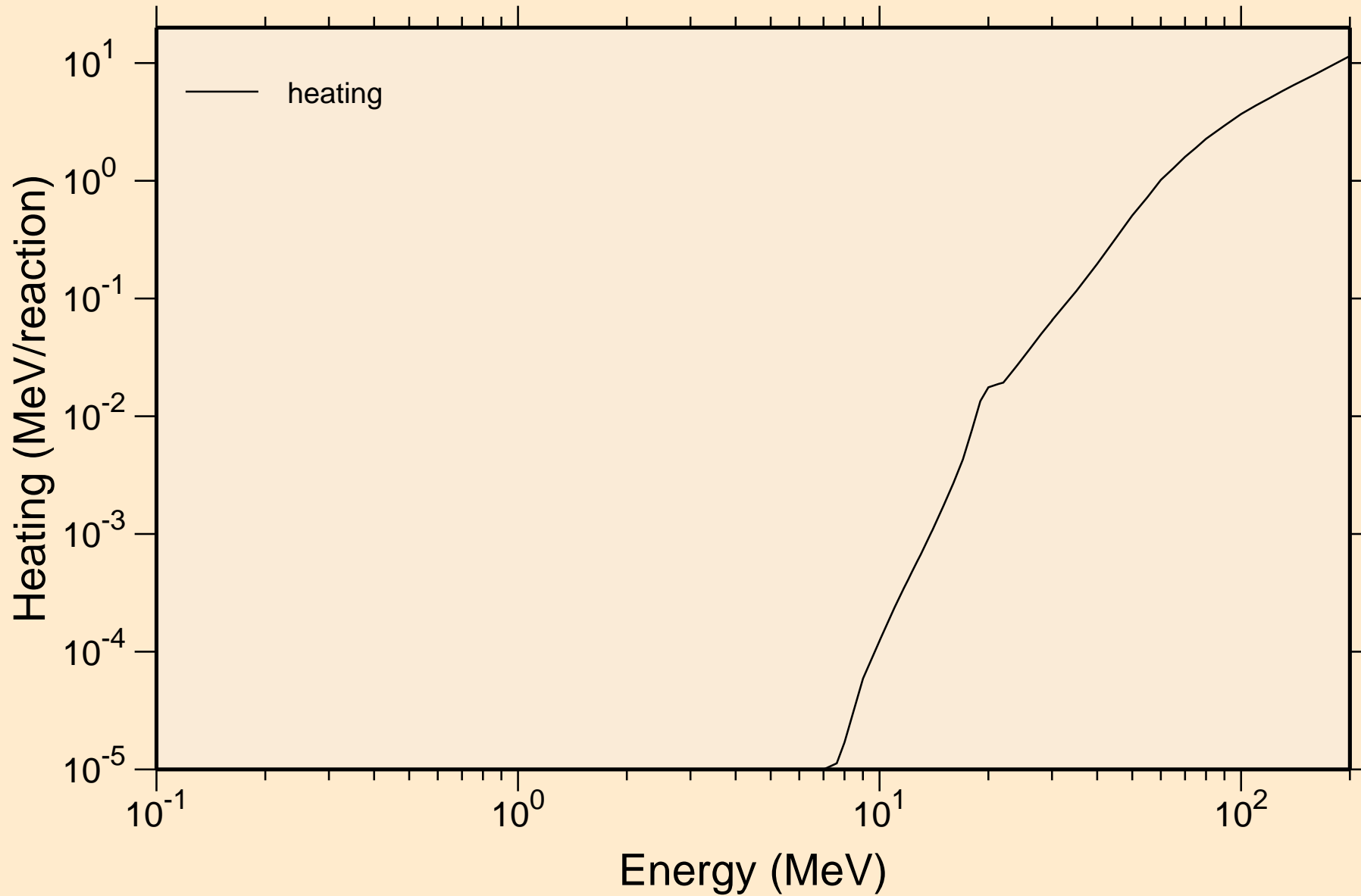


# EU154M PROTON ACER TENDL-2021 LIBRARY; T=0.K

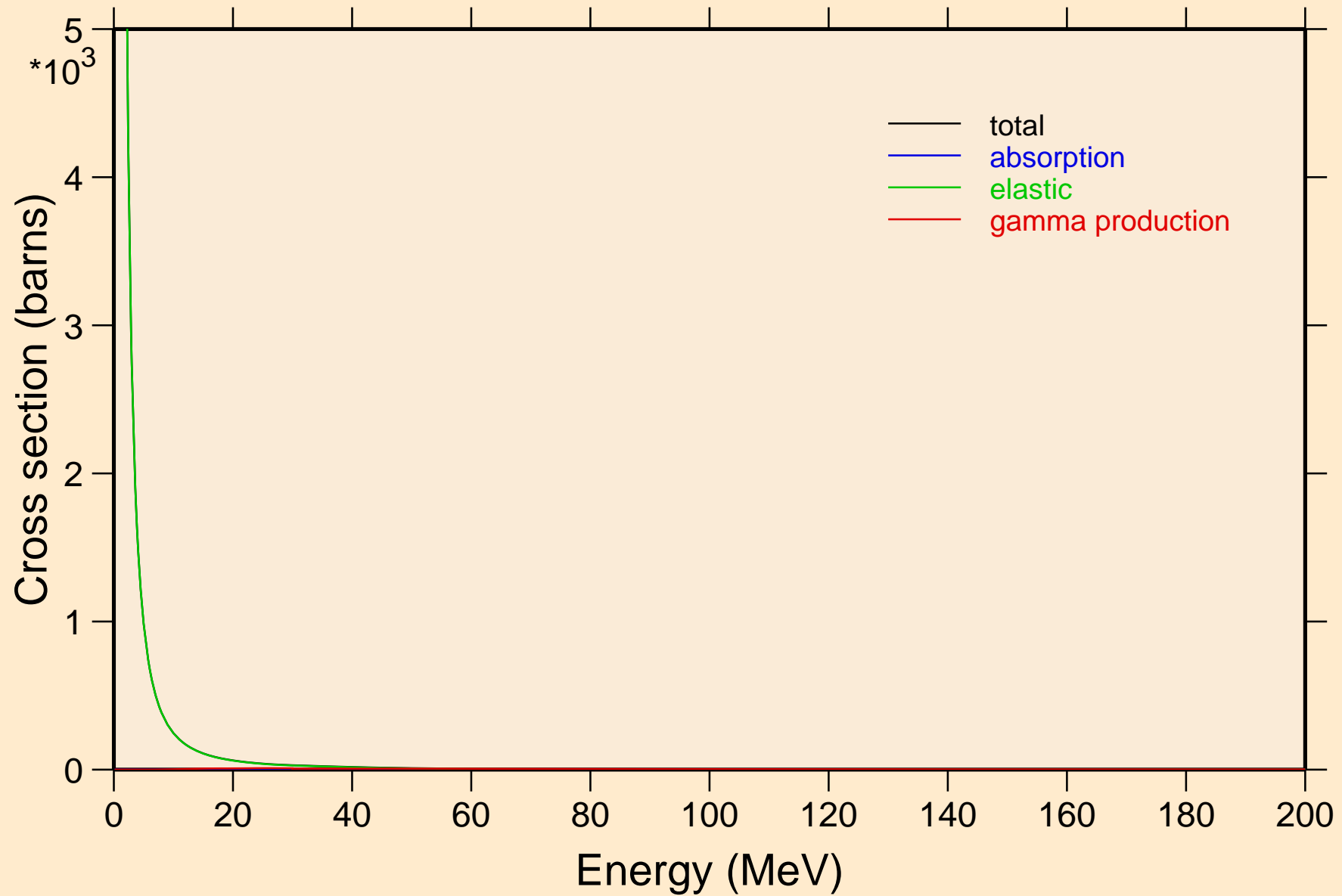
## Principal cross sections



EU154M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Heating

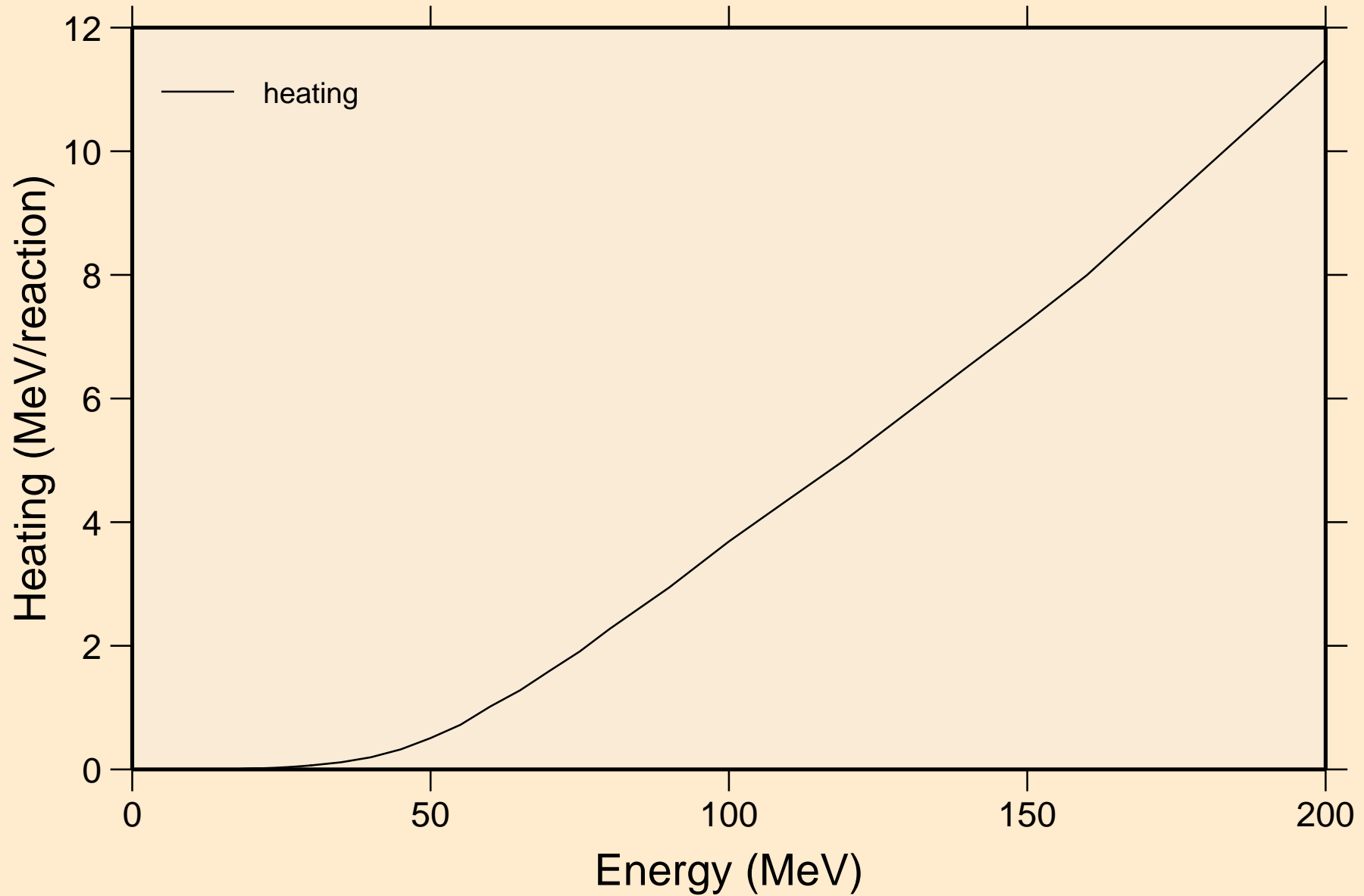


EU154M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections



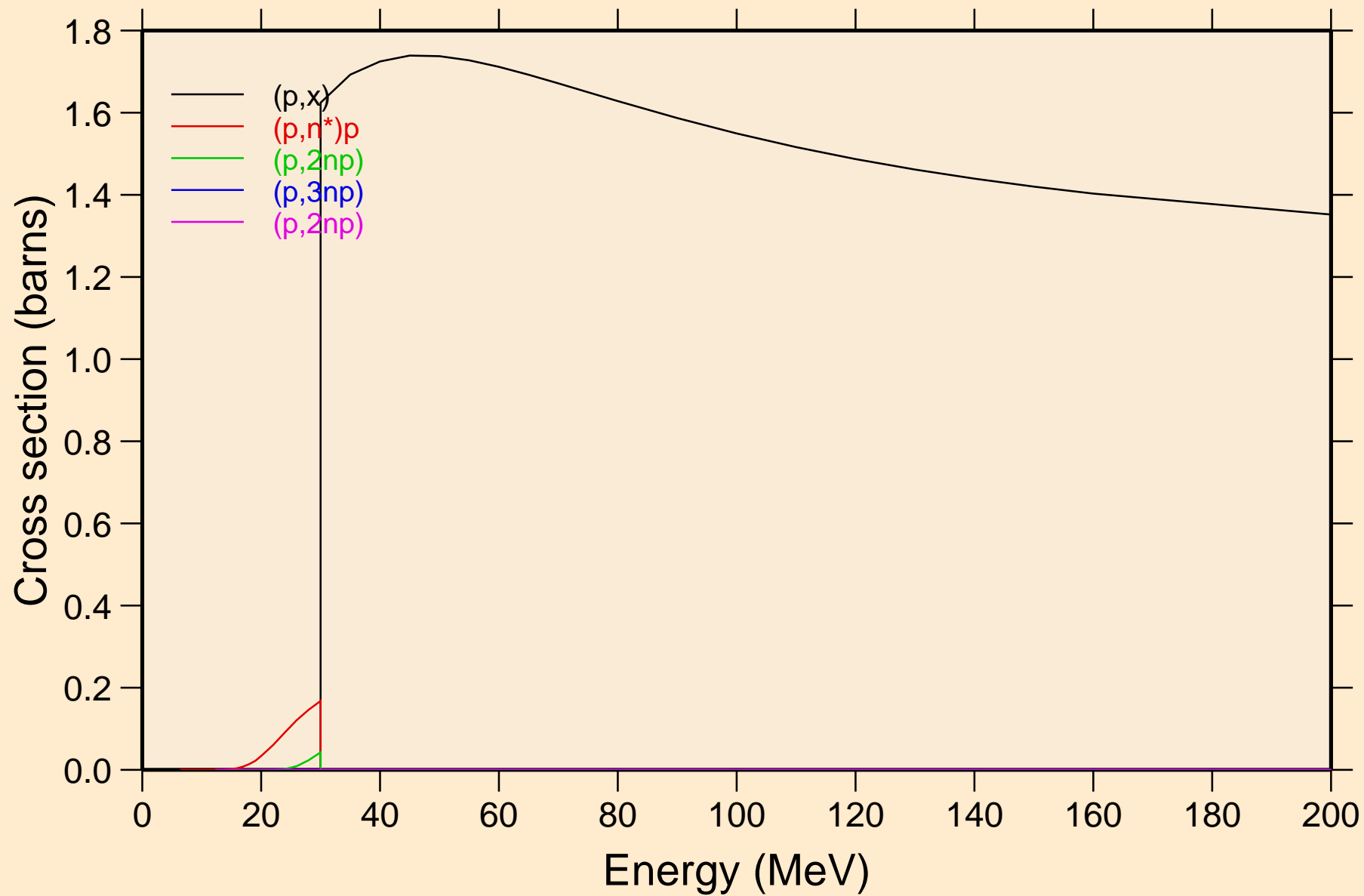
# EU154M PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Heating



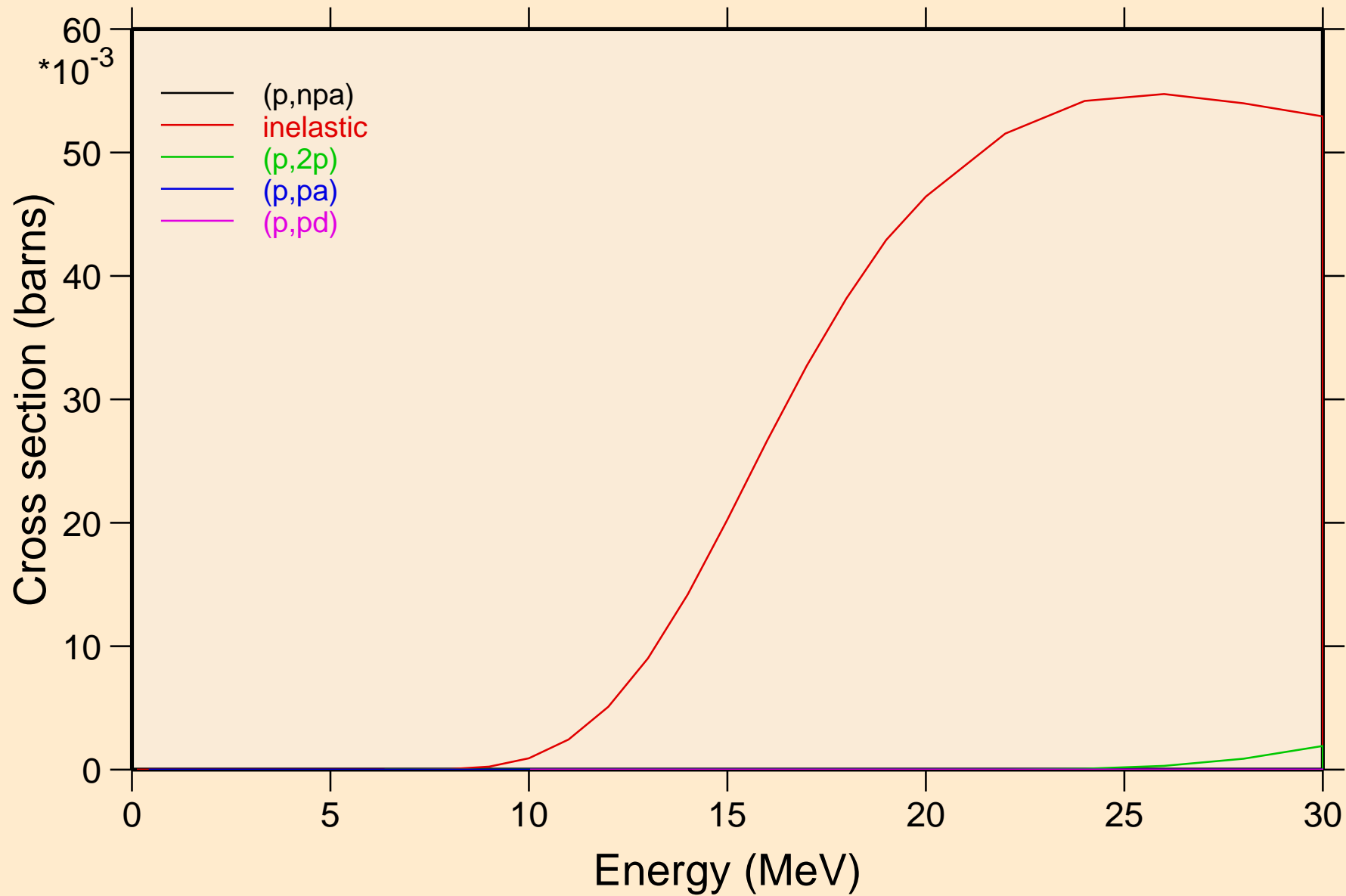
# EU154M PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions

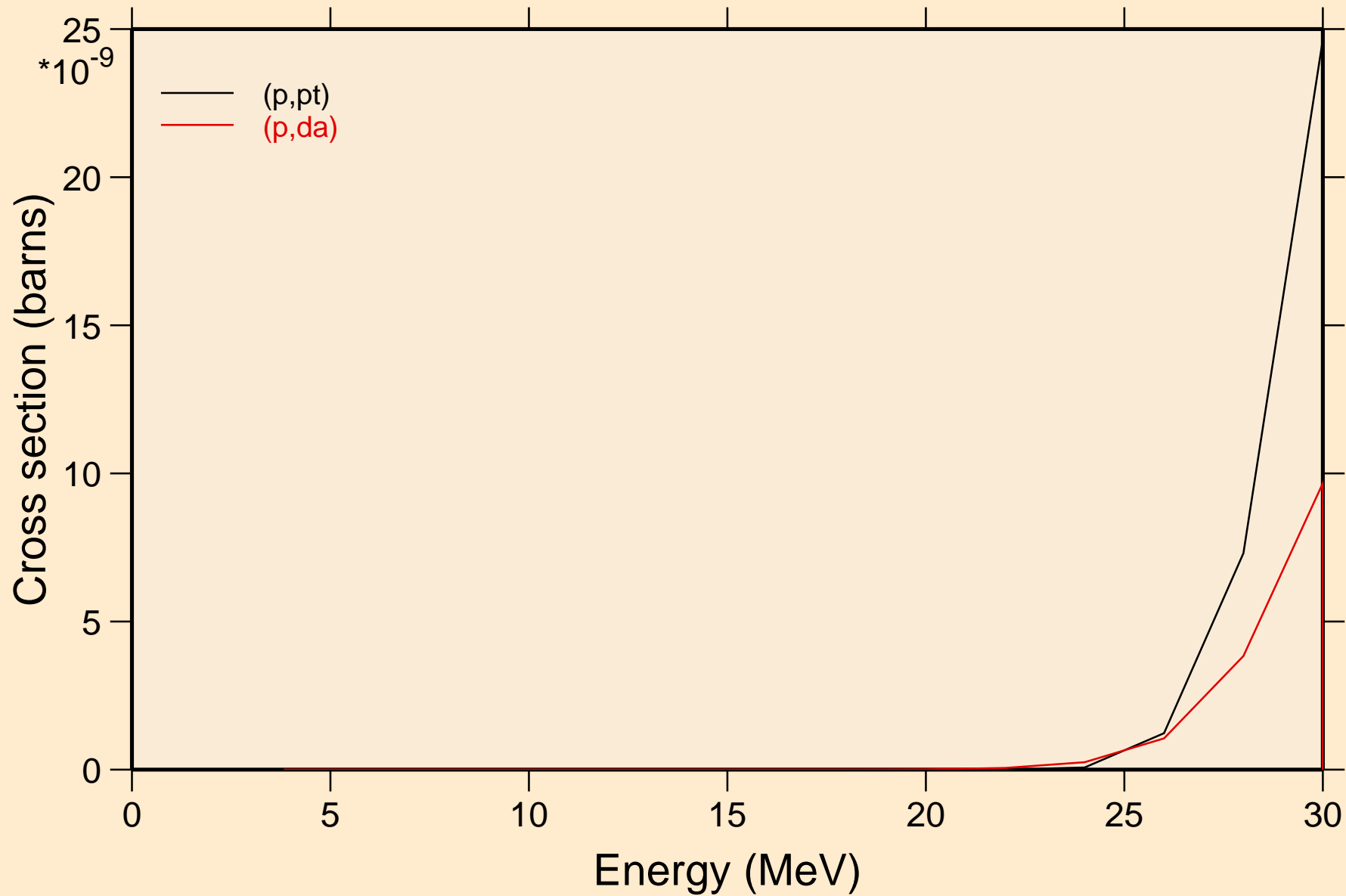


# EU154M PROTON ACER TENDL-2021 LIBRARY; T=0.K

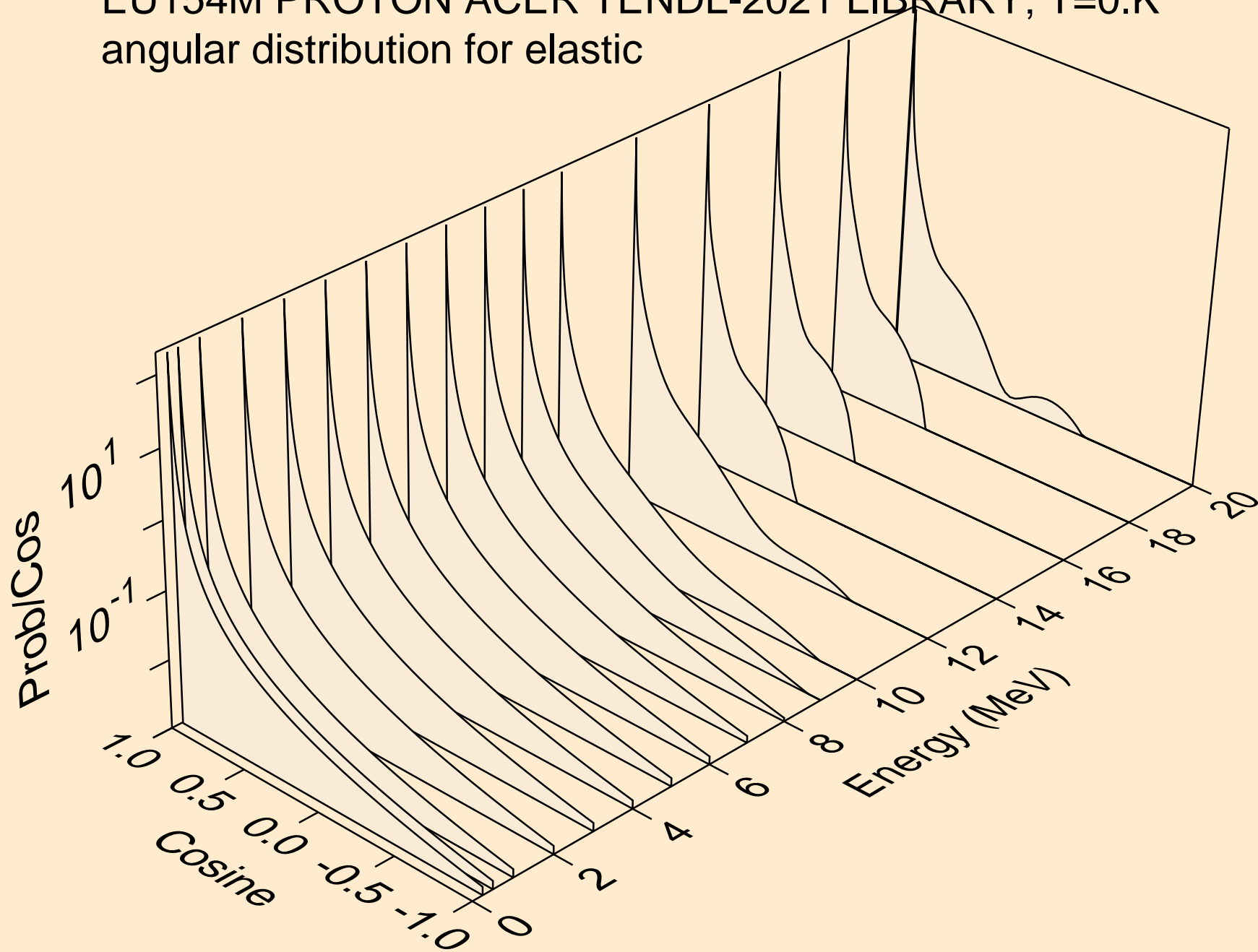
## Threshold reactions



EU154M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

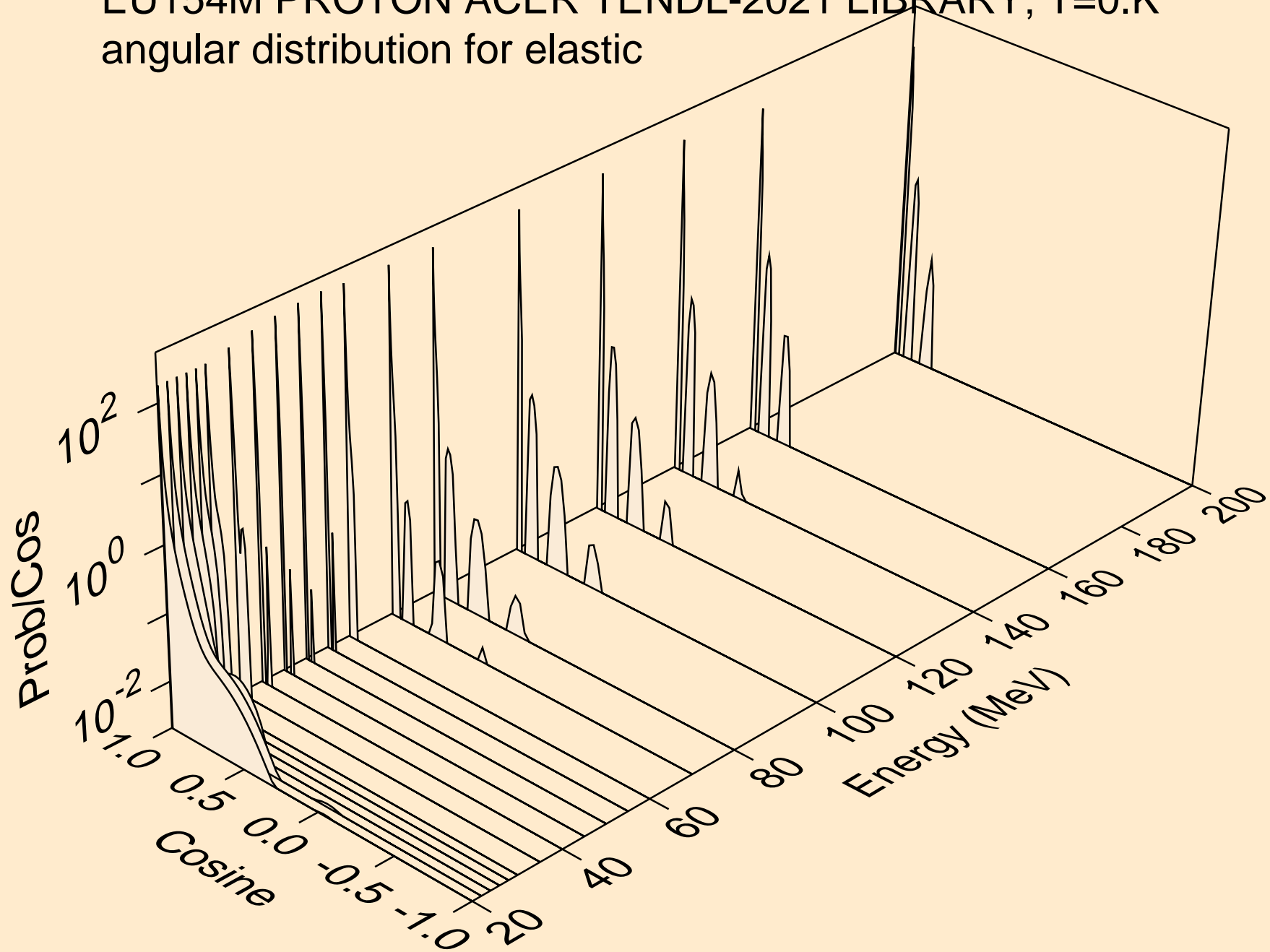


EU154M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic

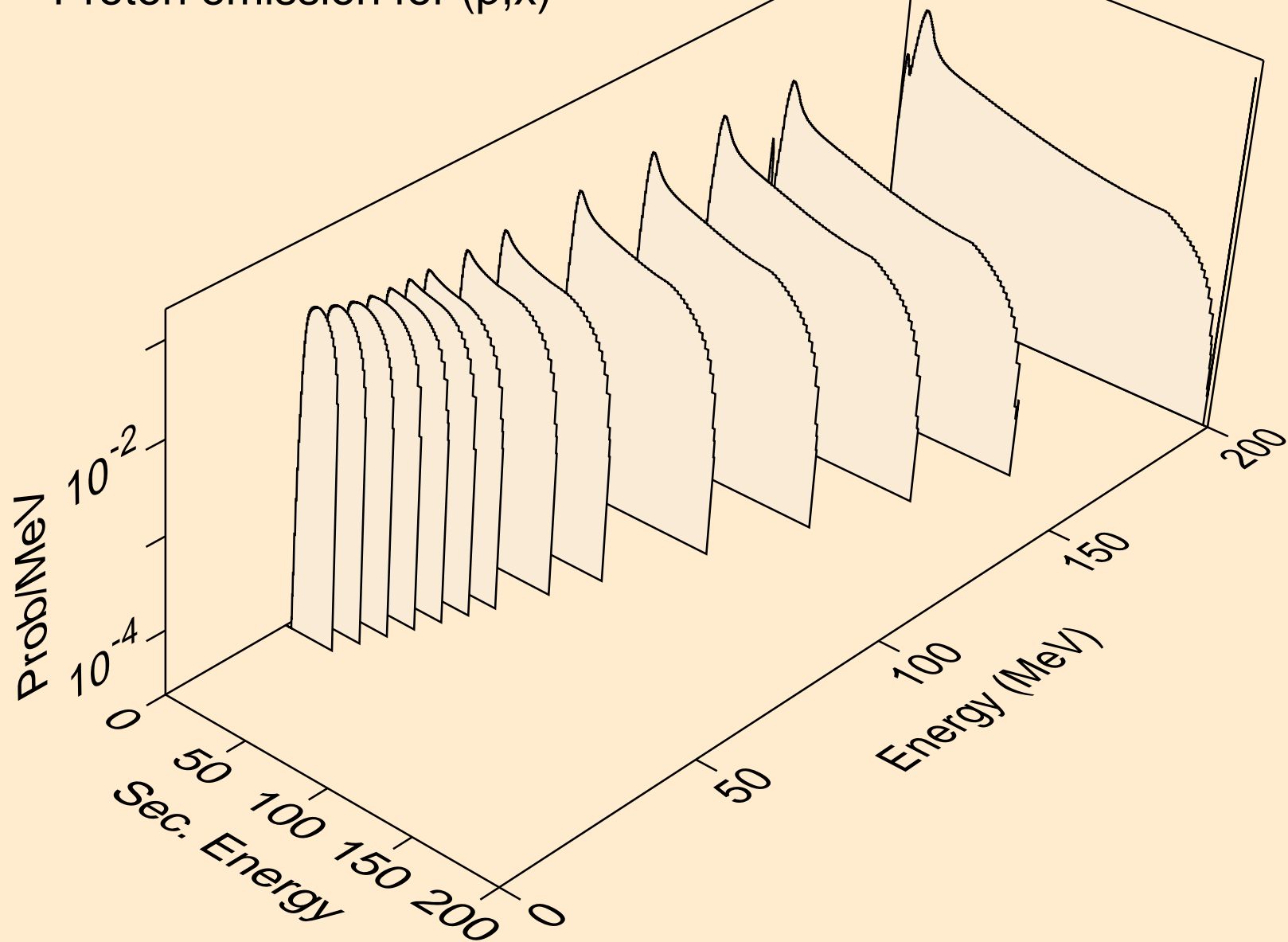




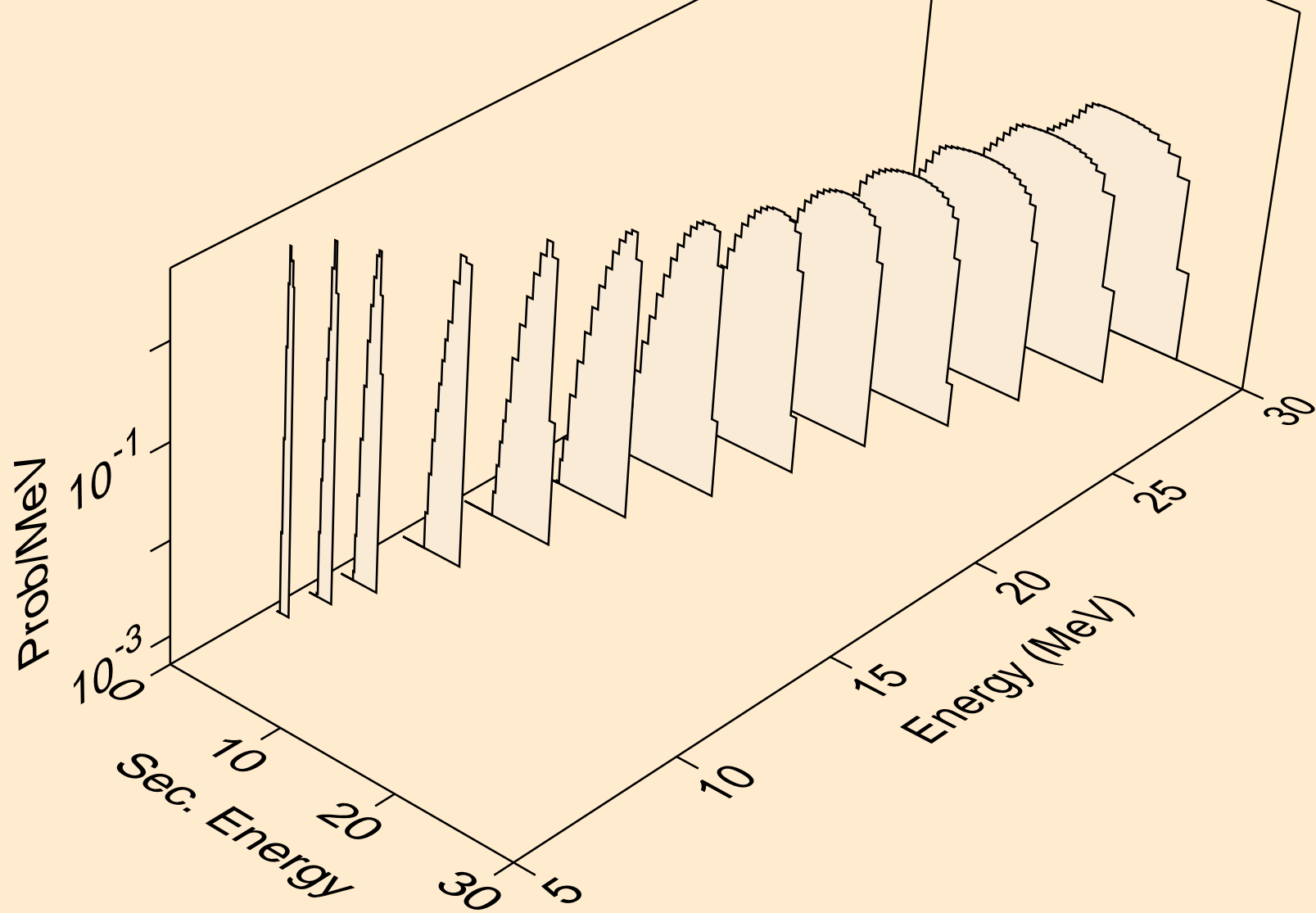
EU154M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



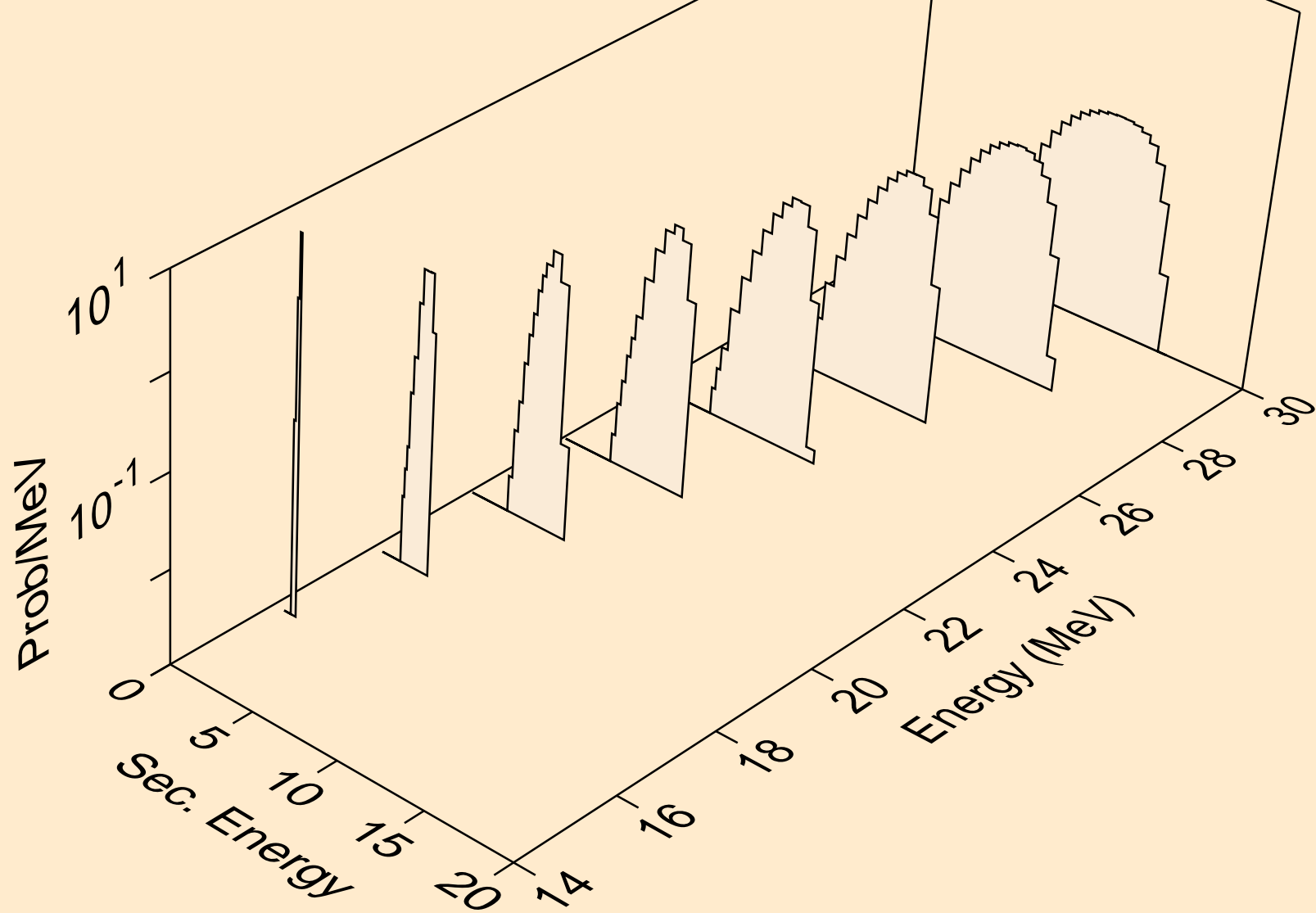
EU154M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,x)



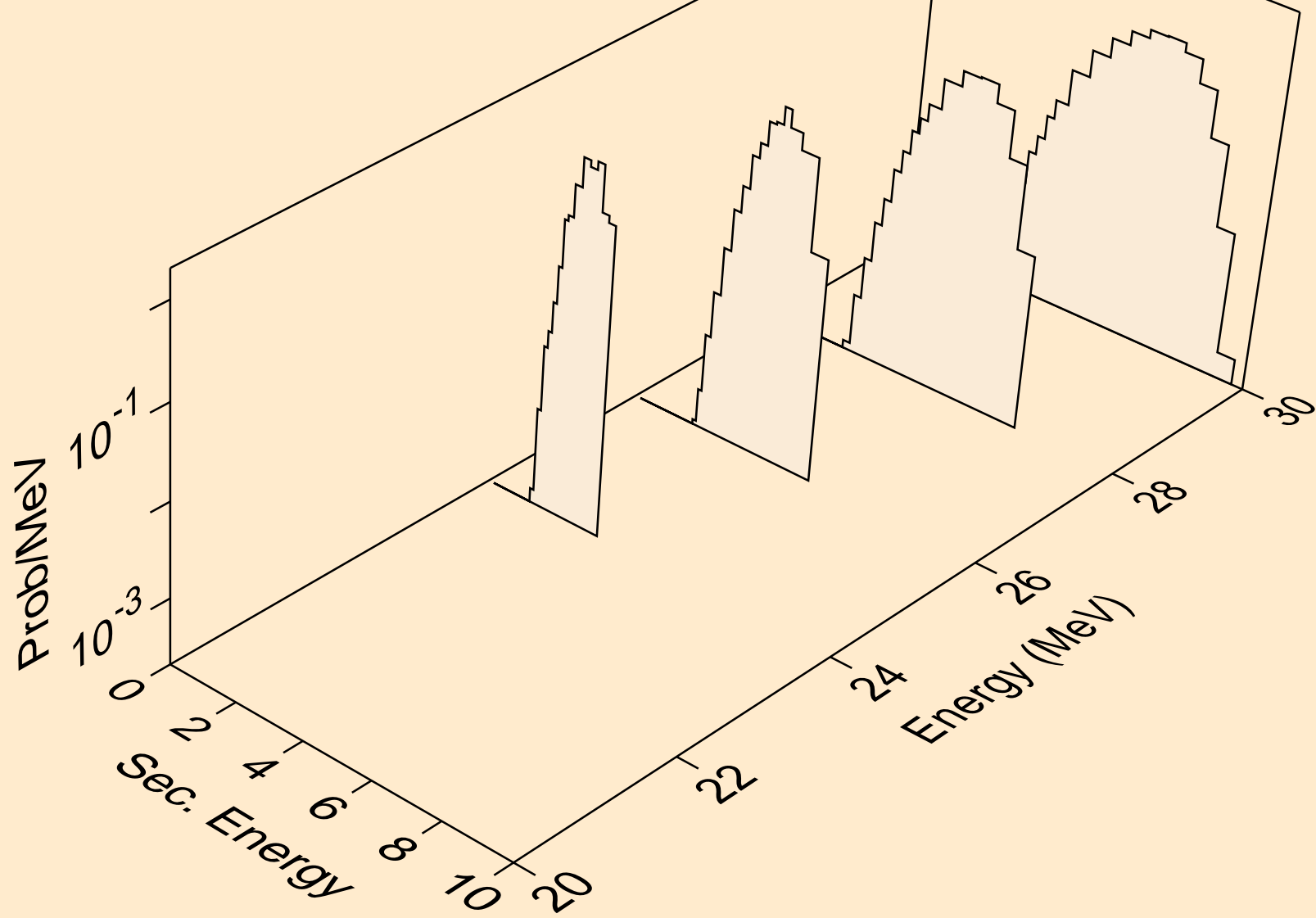
EU154M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



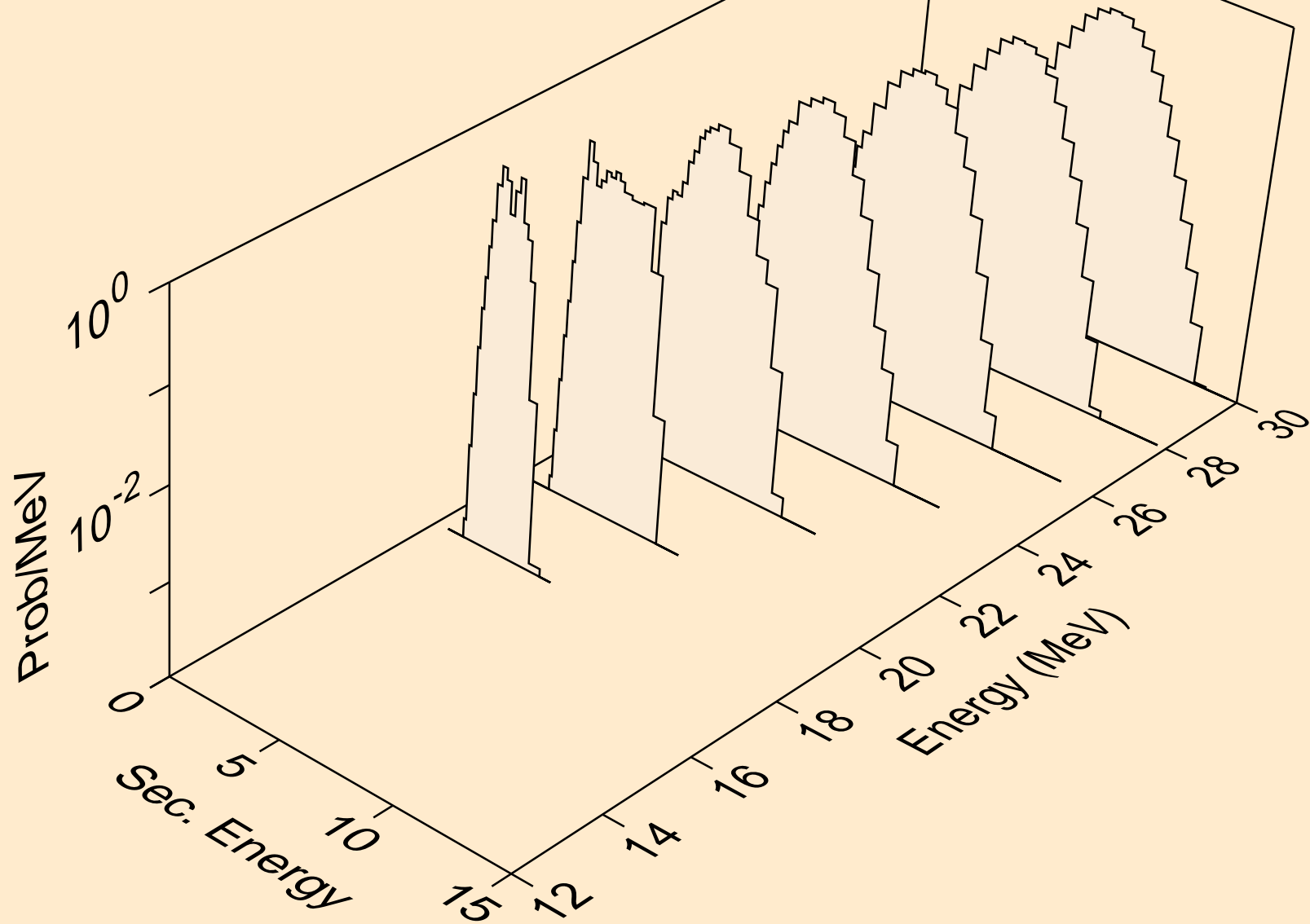
EU154M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2np)



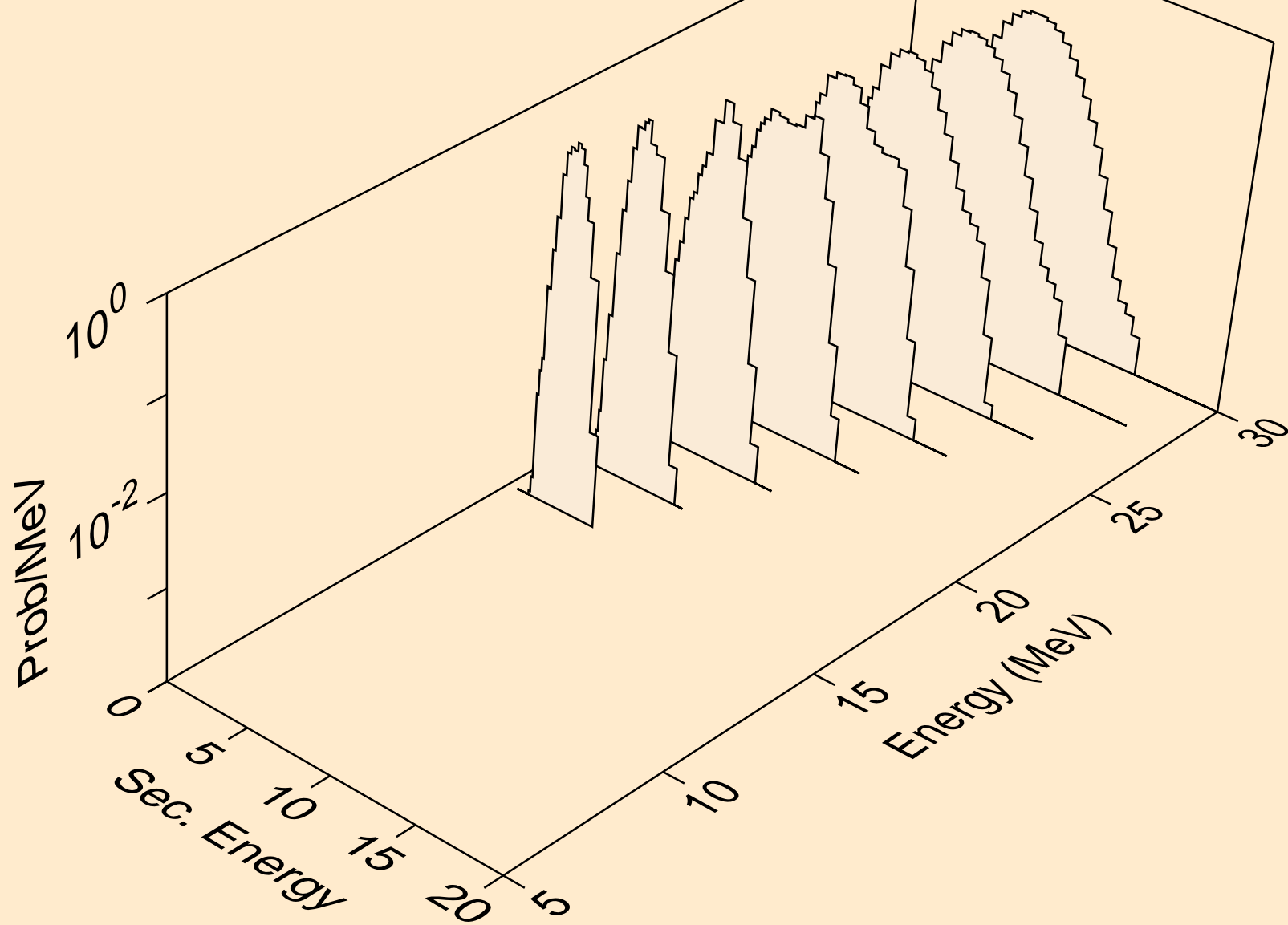
EU154M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,3np)



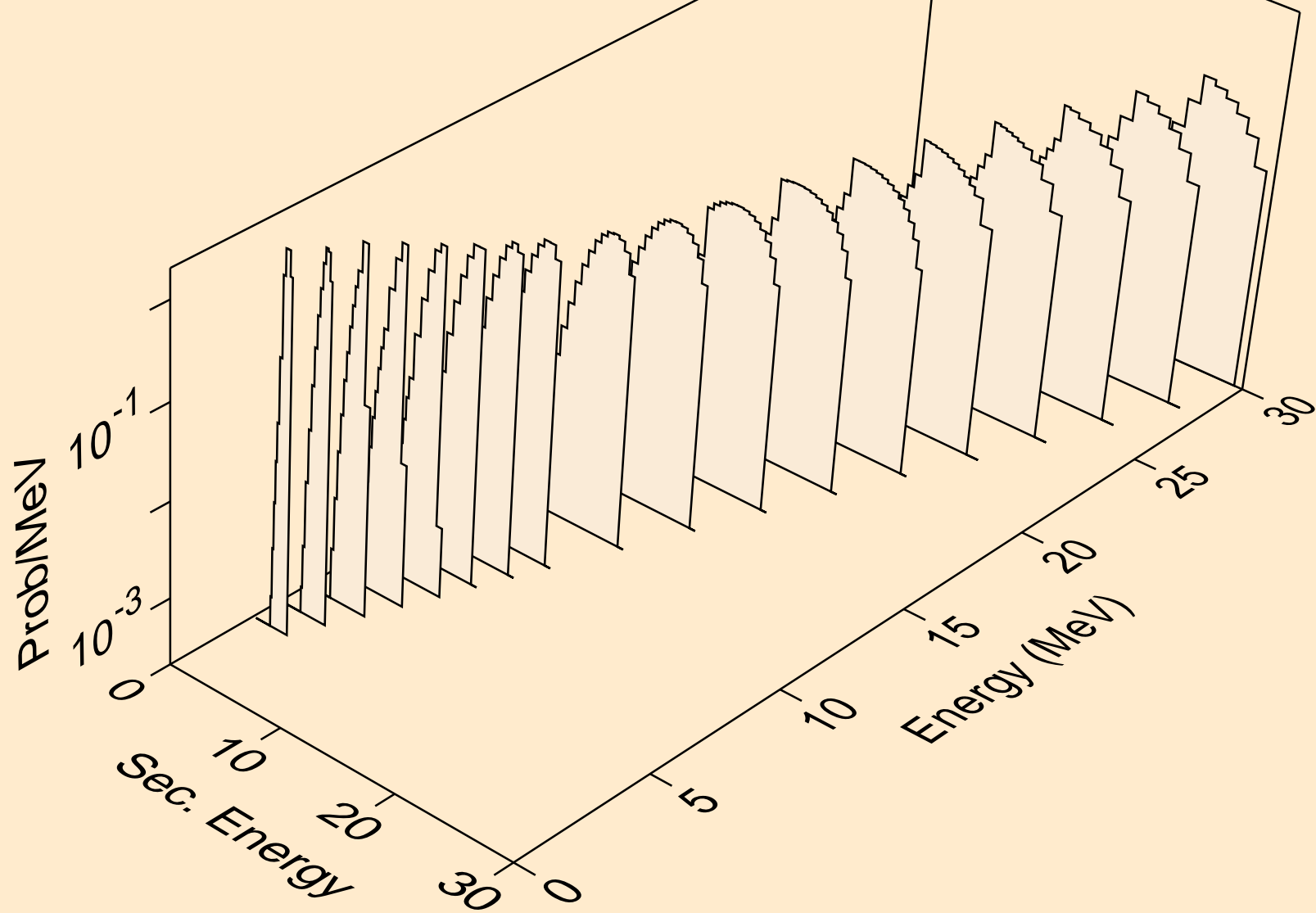
EU154M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2np)



EU154M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,npa)

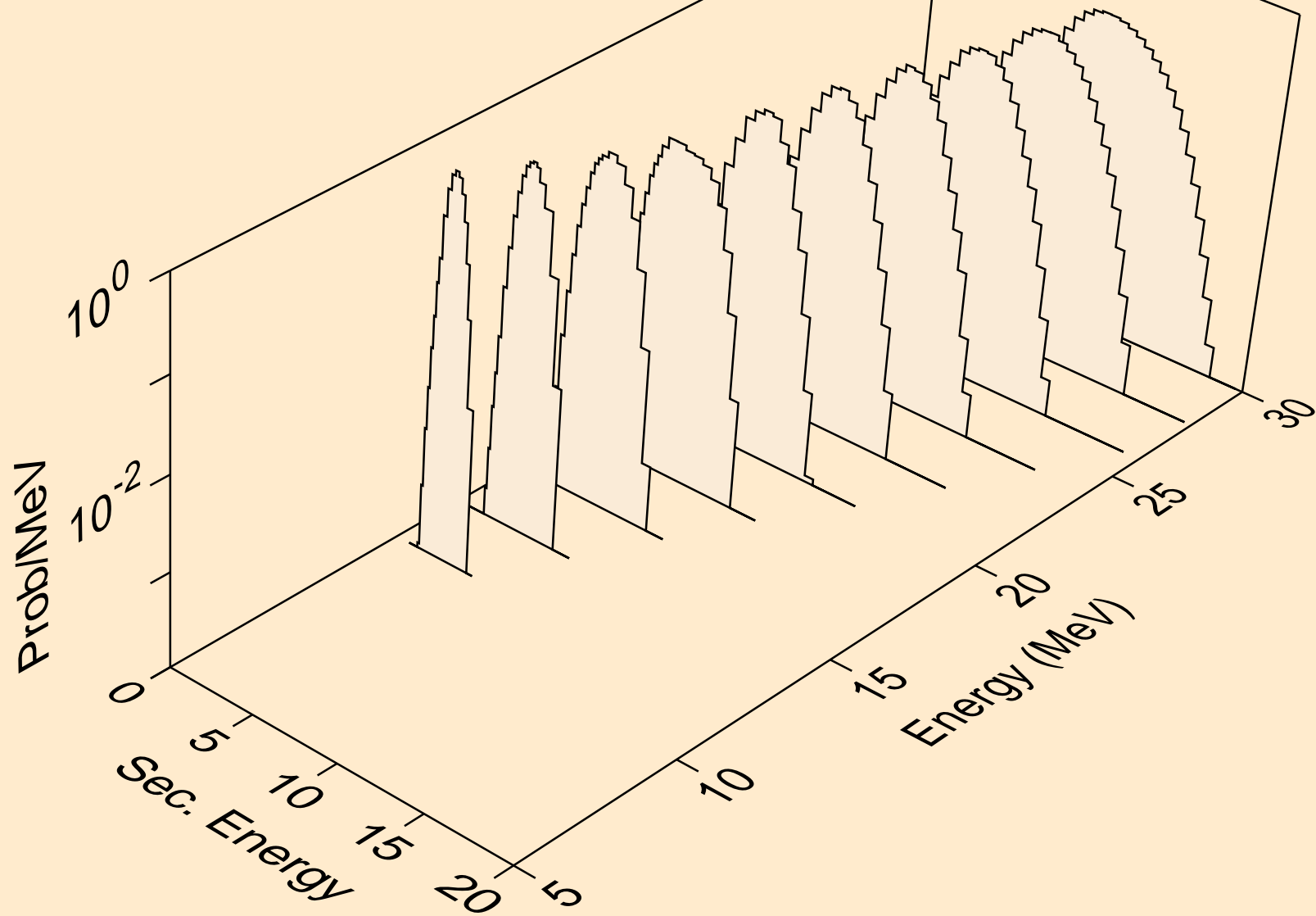


EU154M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for inelastic

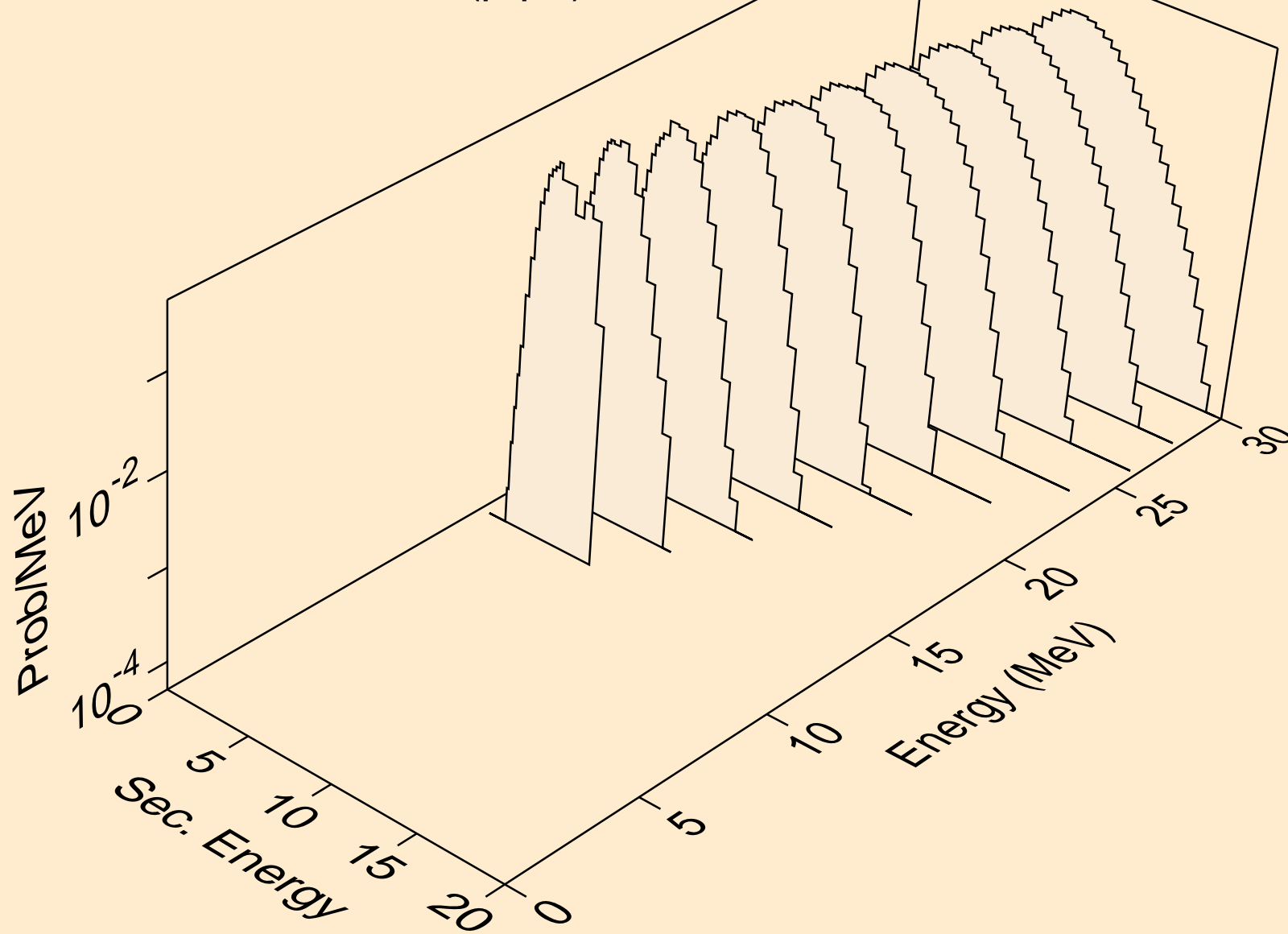




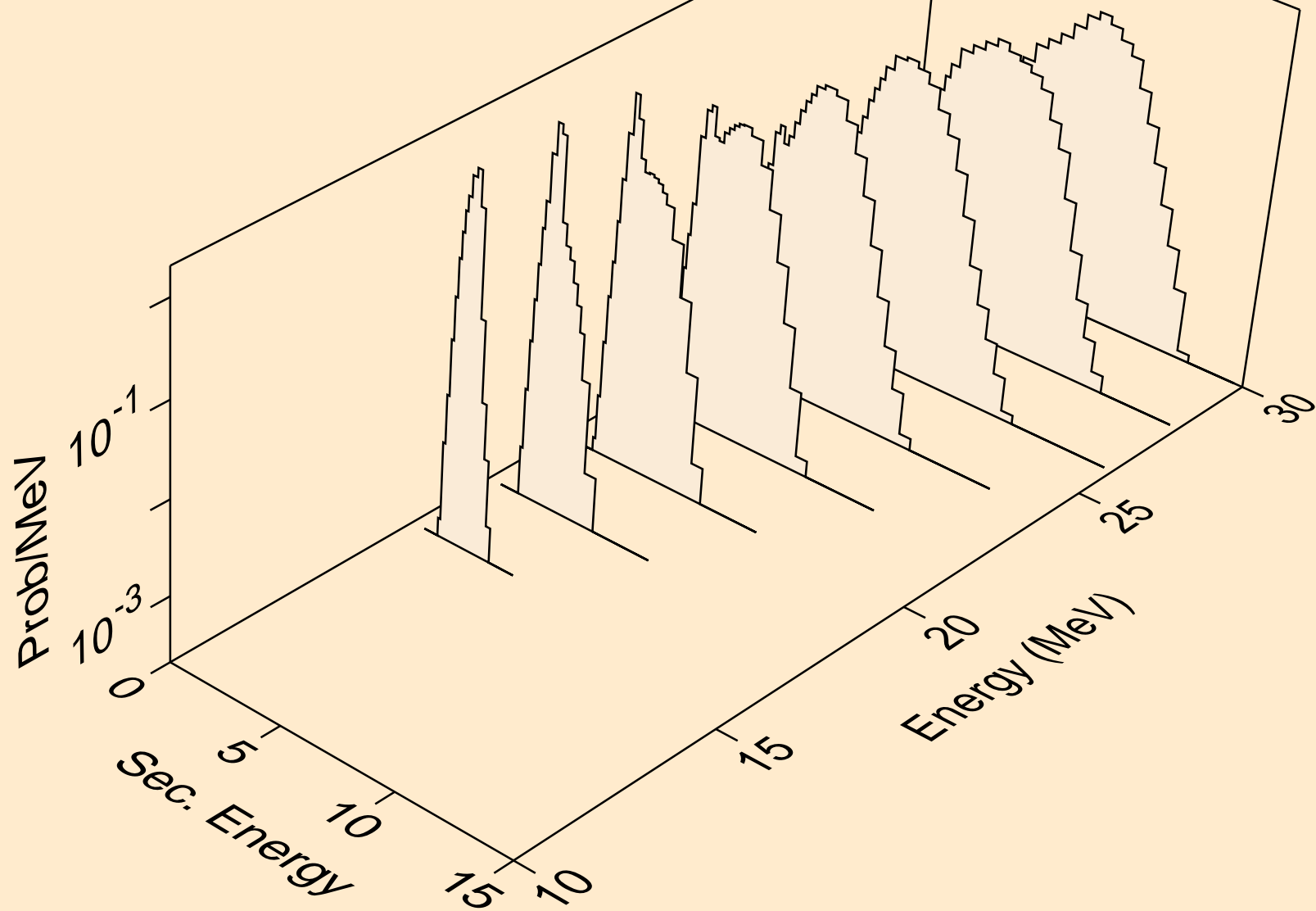
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Proton emission for (p,2p)



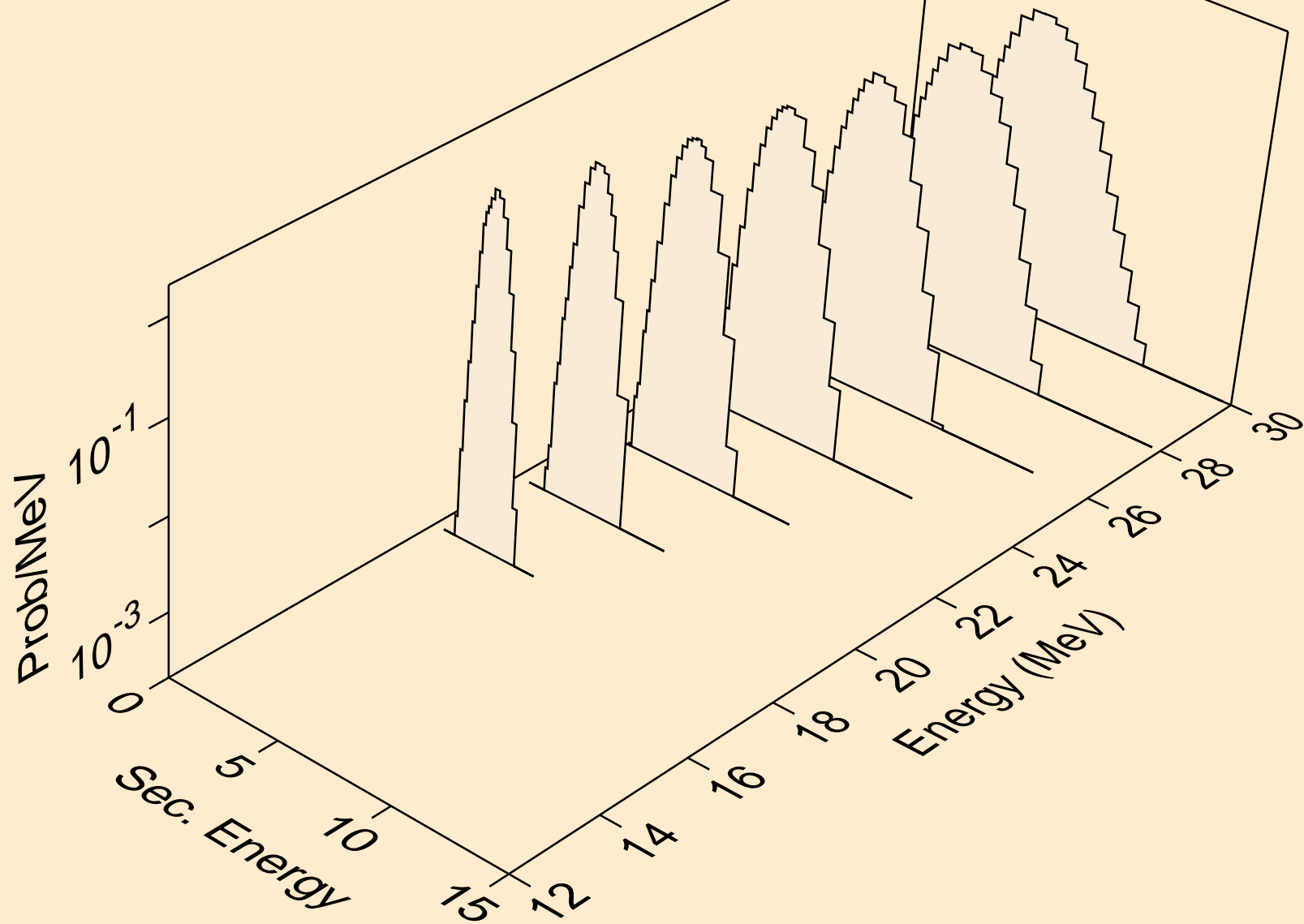
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Proton emission for (p,pa)



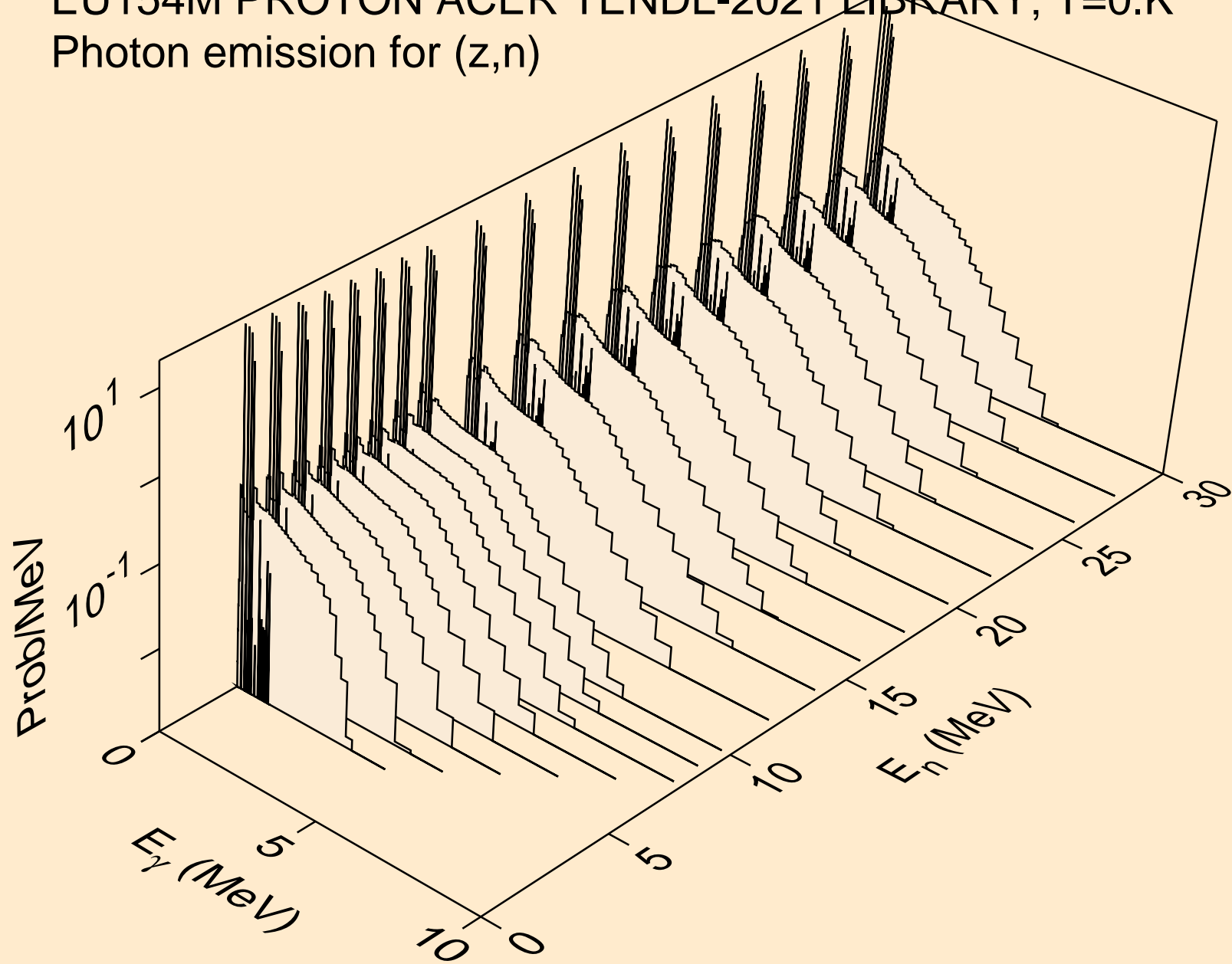
EU154M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,pd)



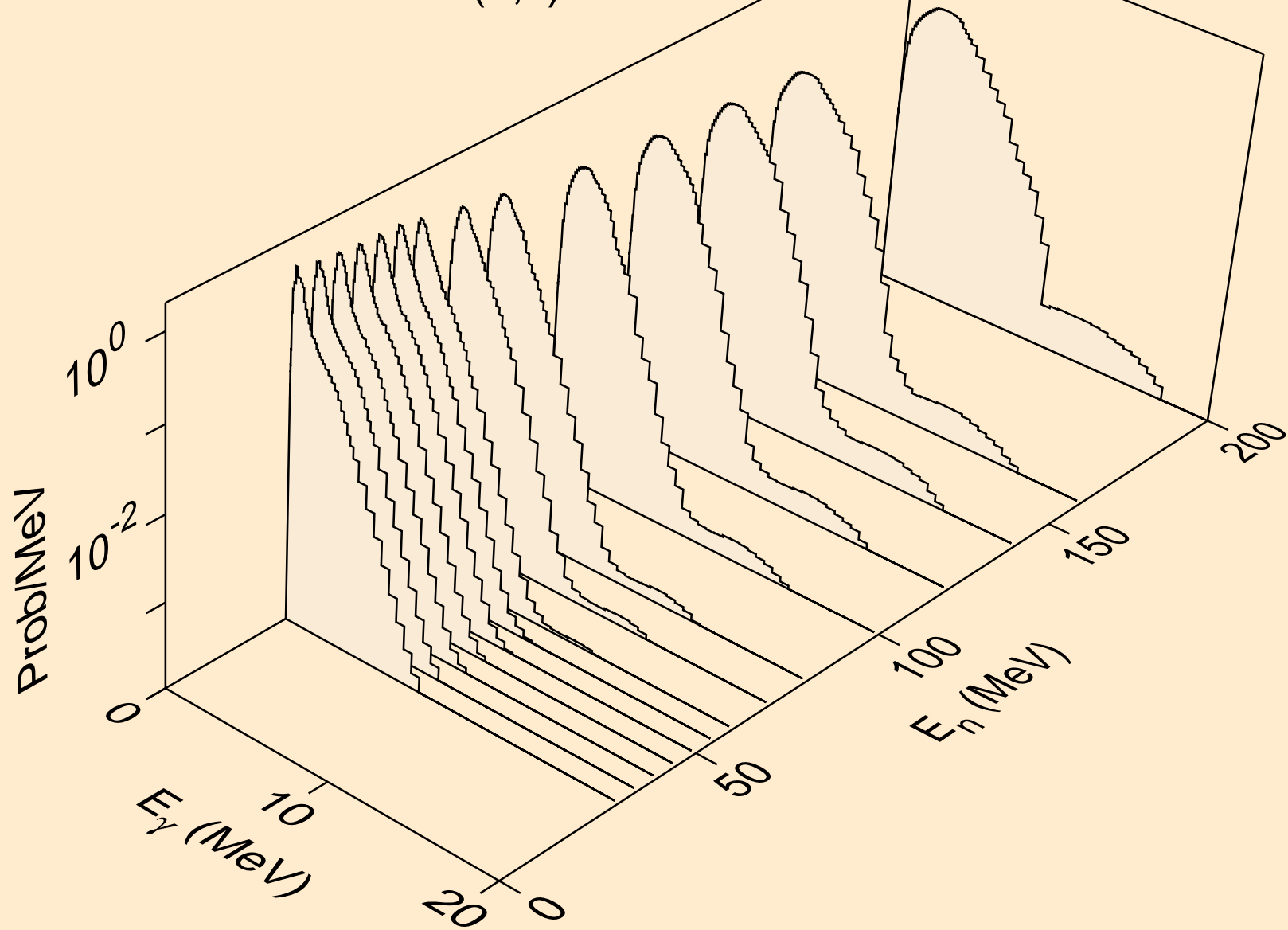
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Proton emission for (p,pt)



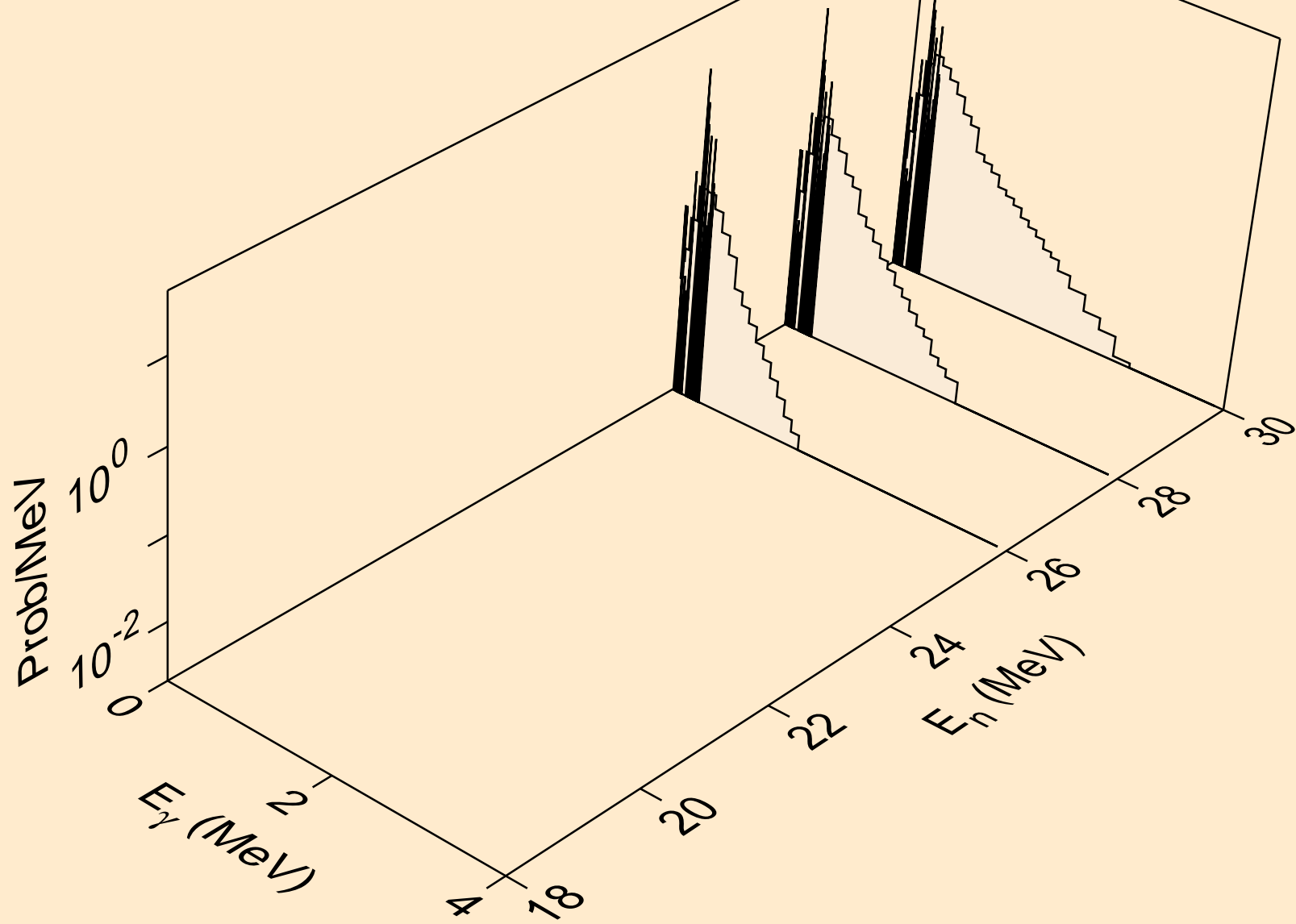
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Photon emission for (z,n)



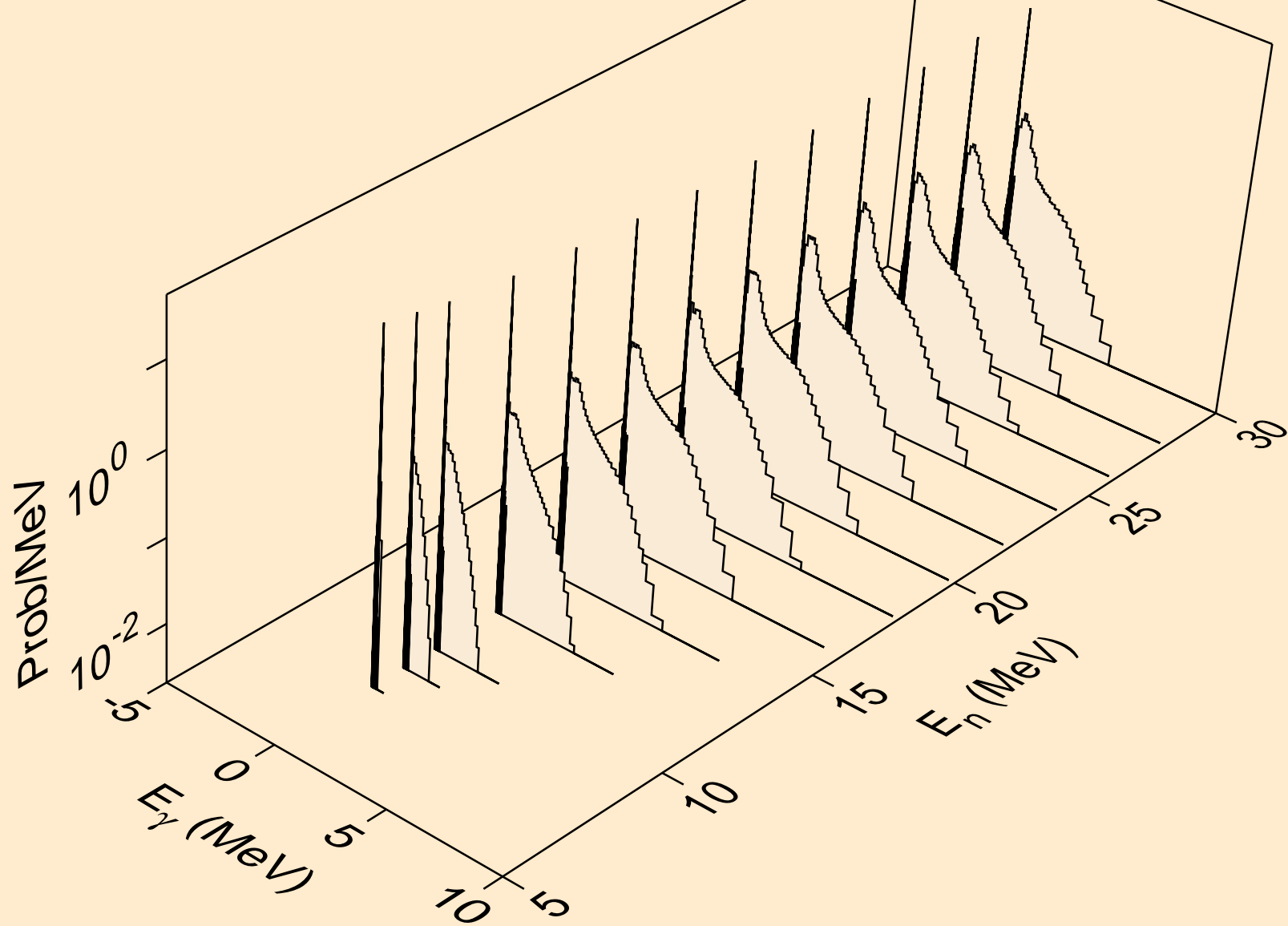
EU154M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



EU154M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)

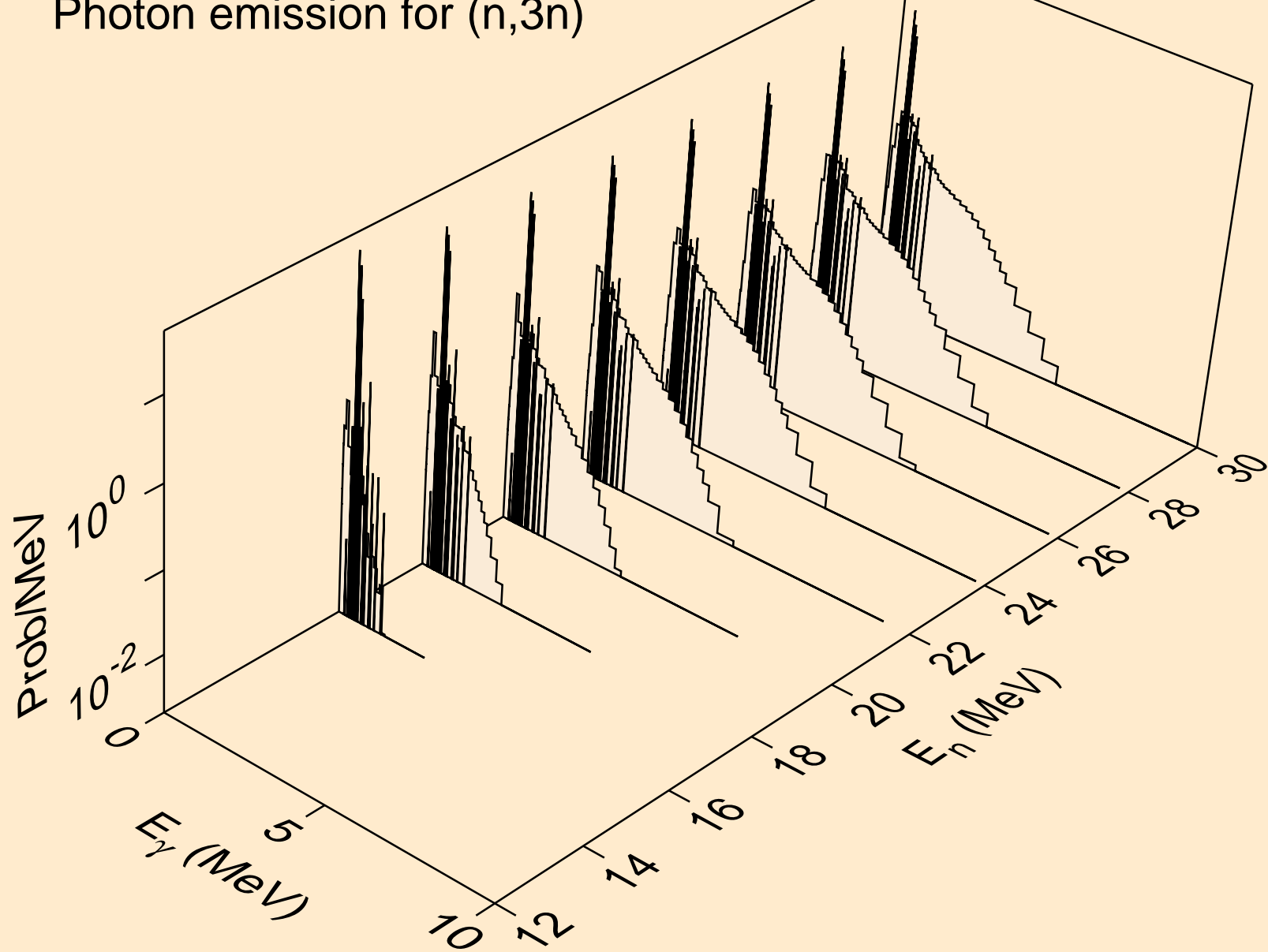


EU154M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)

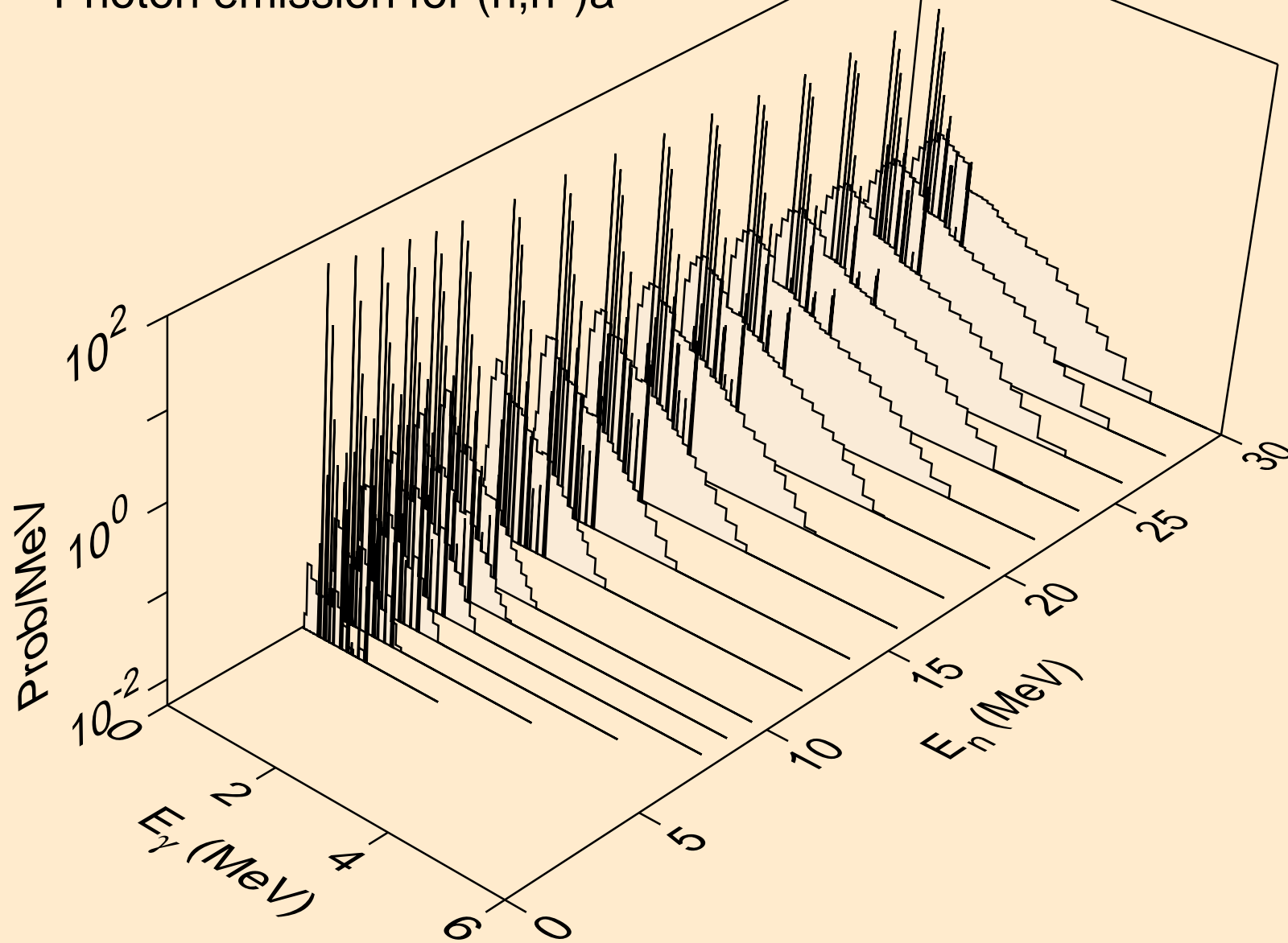




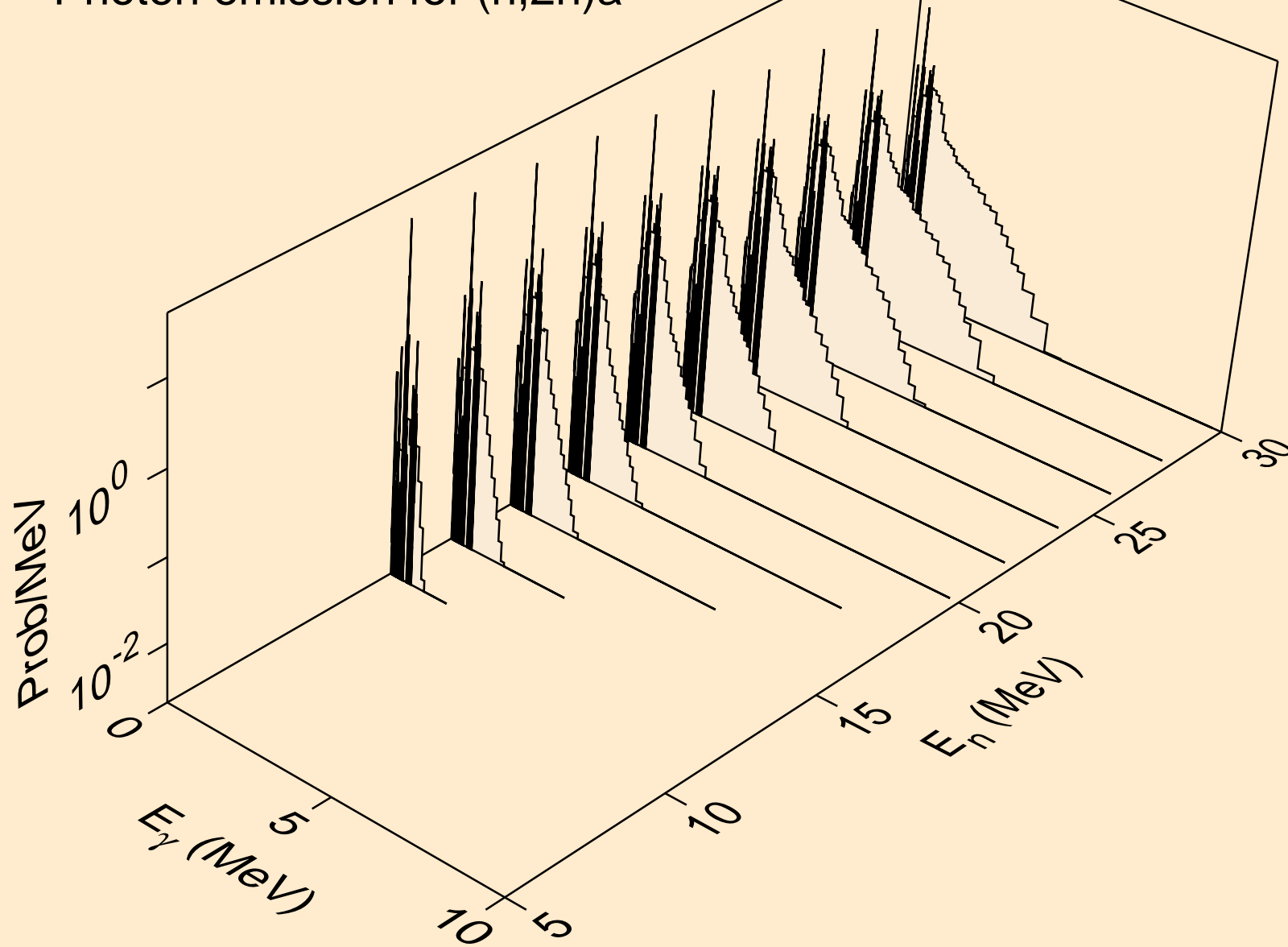
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Photon emission for (n,3n)



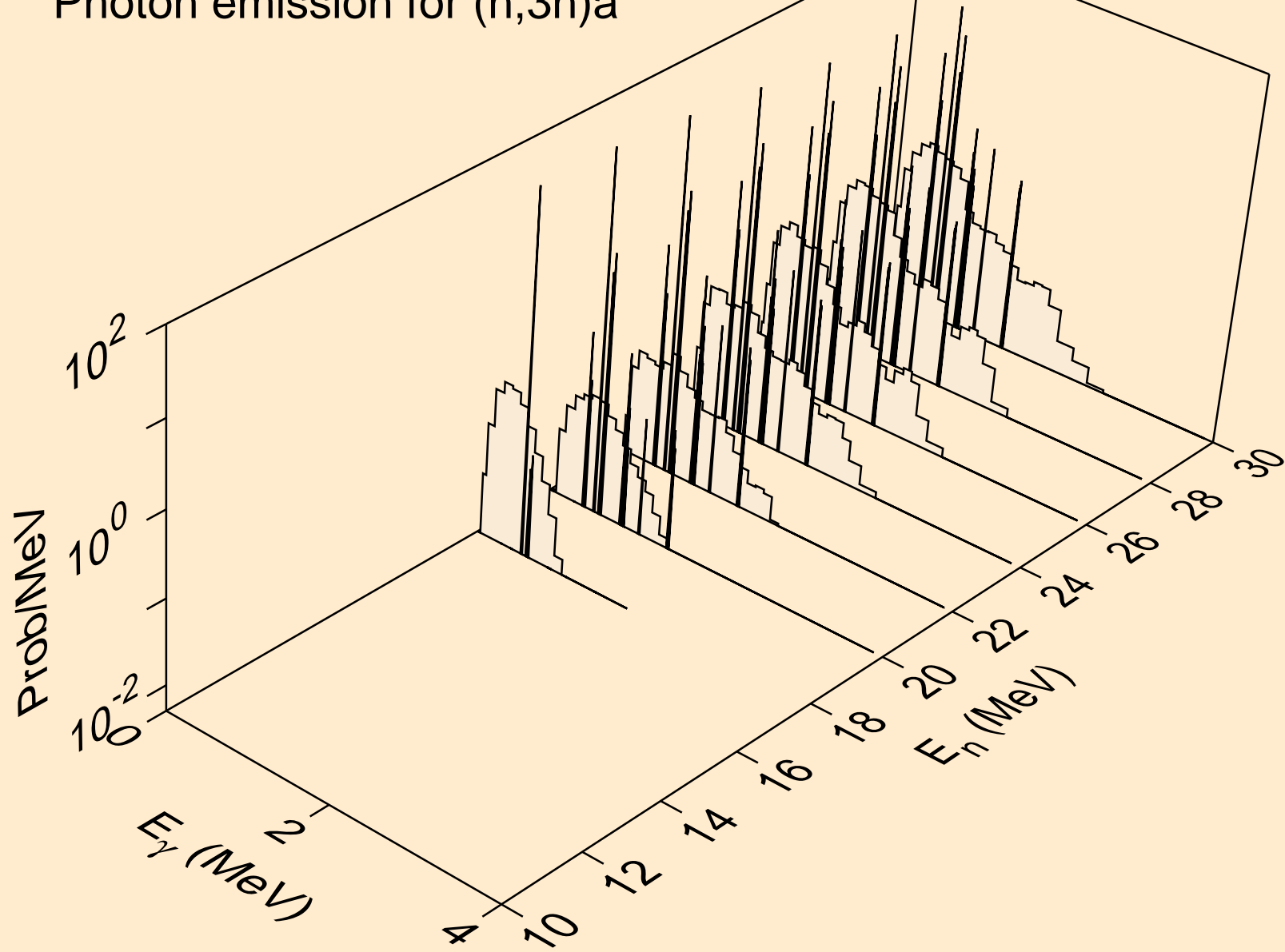
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Photon emission for (n,n\*)a



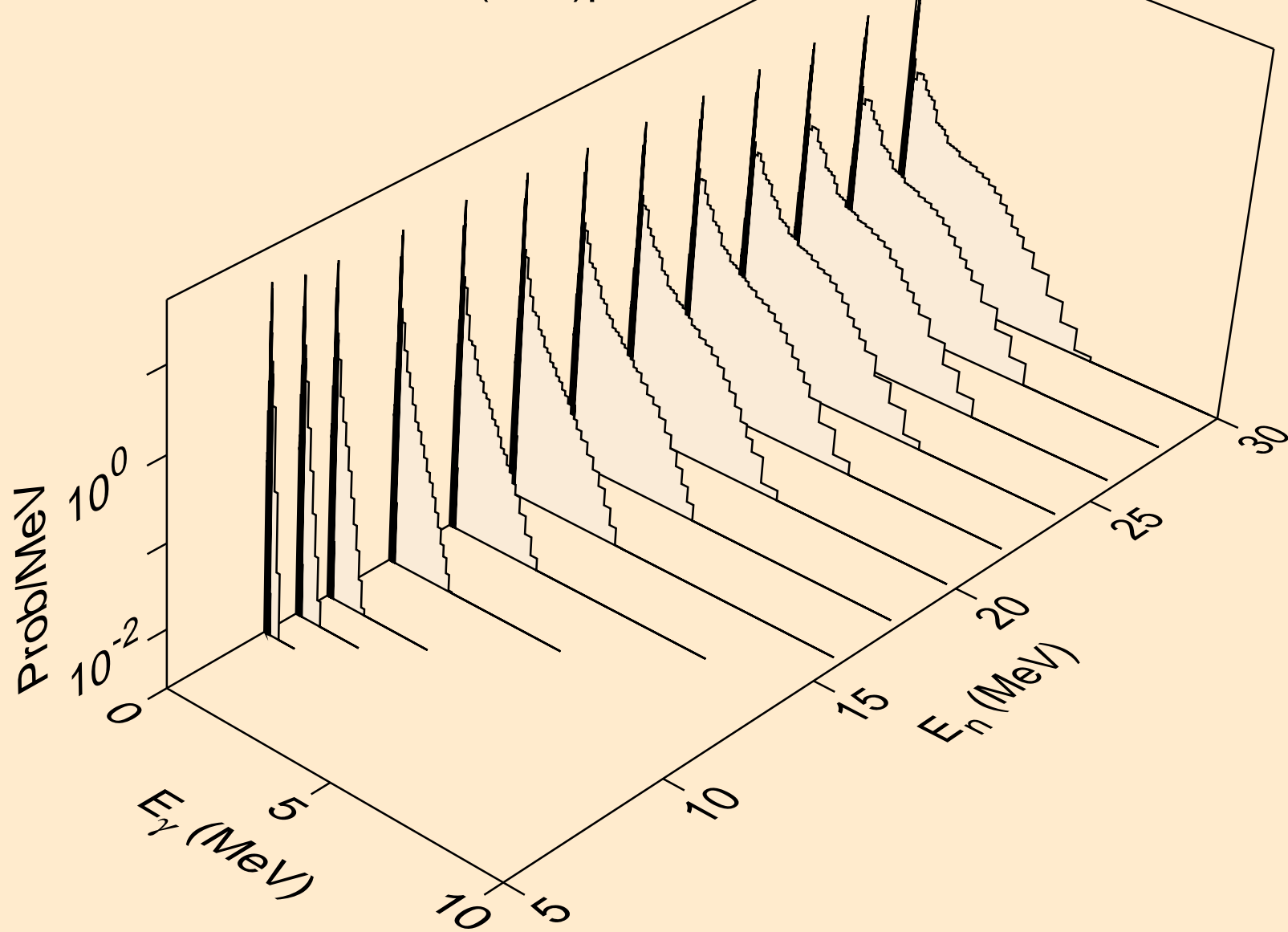
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Photon emission for (n,2n)a



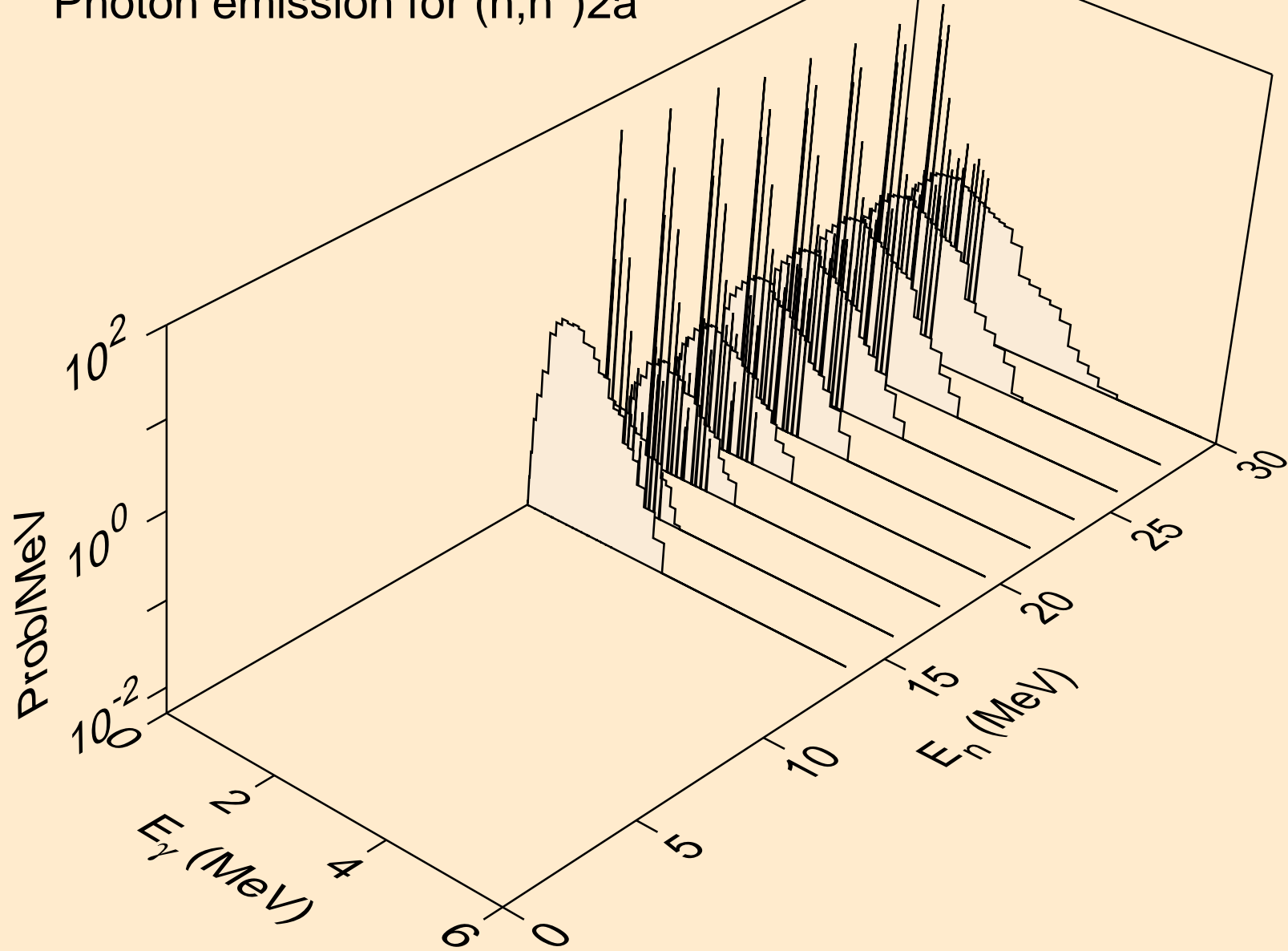
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Photon emission for (n,3n)a



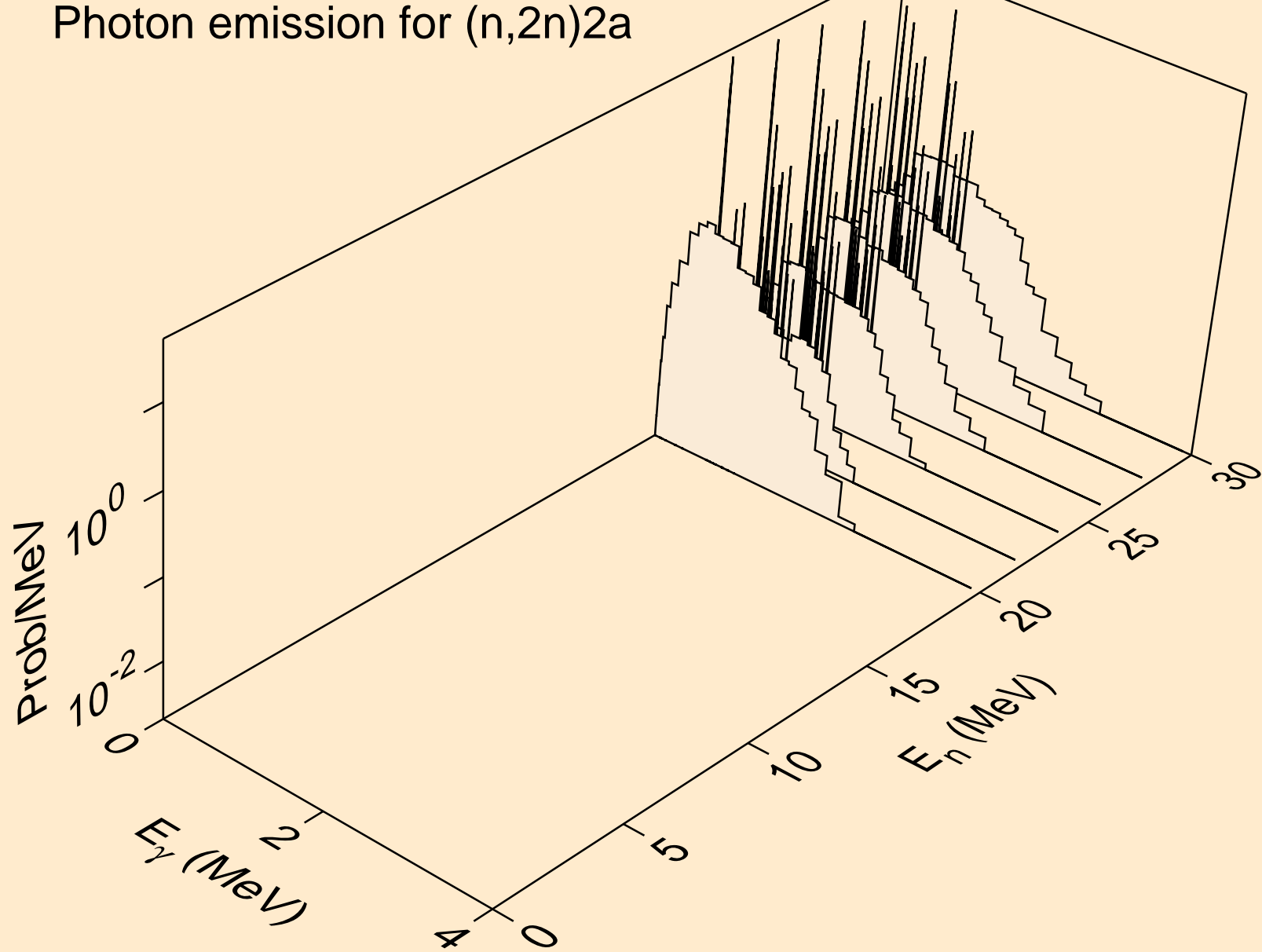
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Photon emission for (n,n\*)p



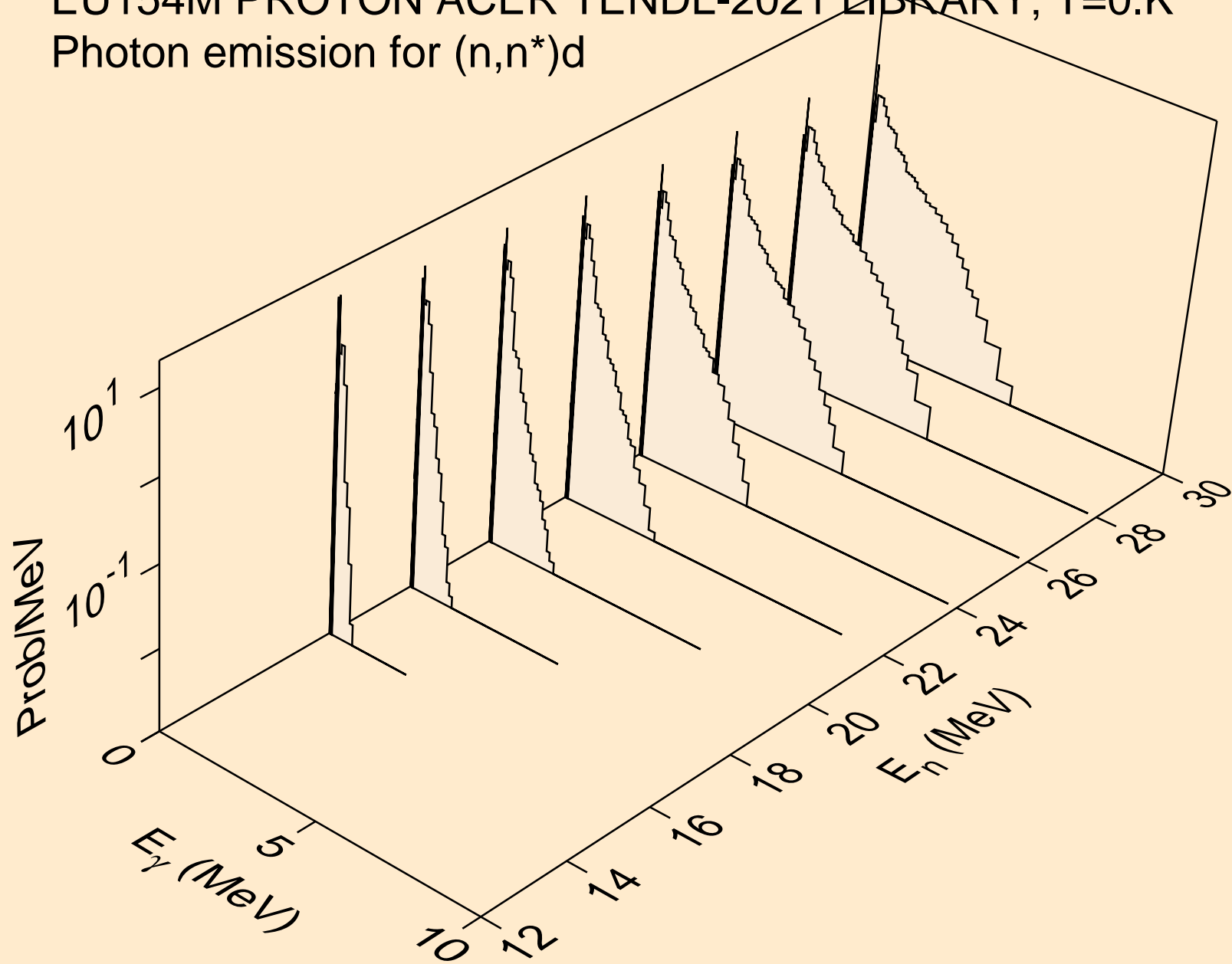
EU154M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



EU154M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)2a

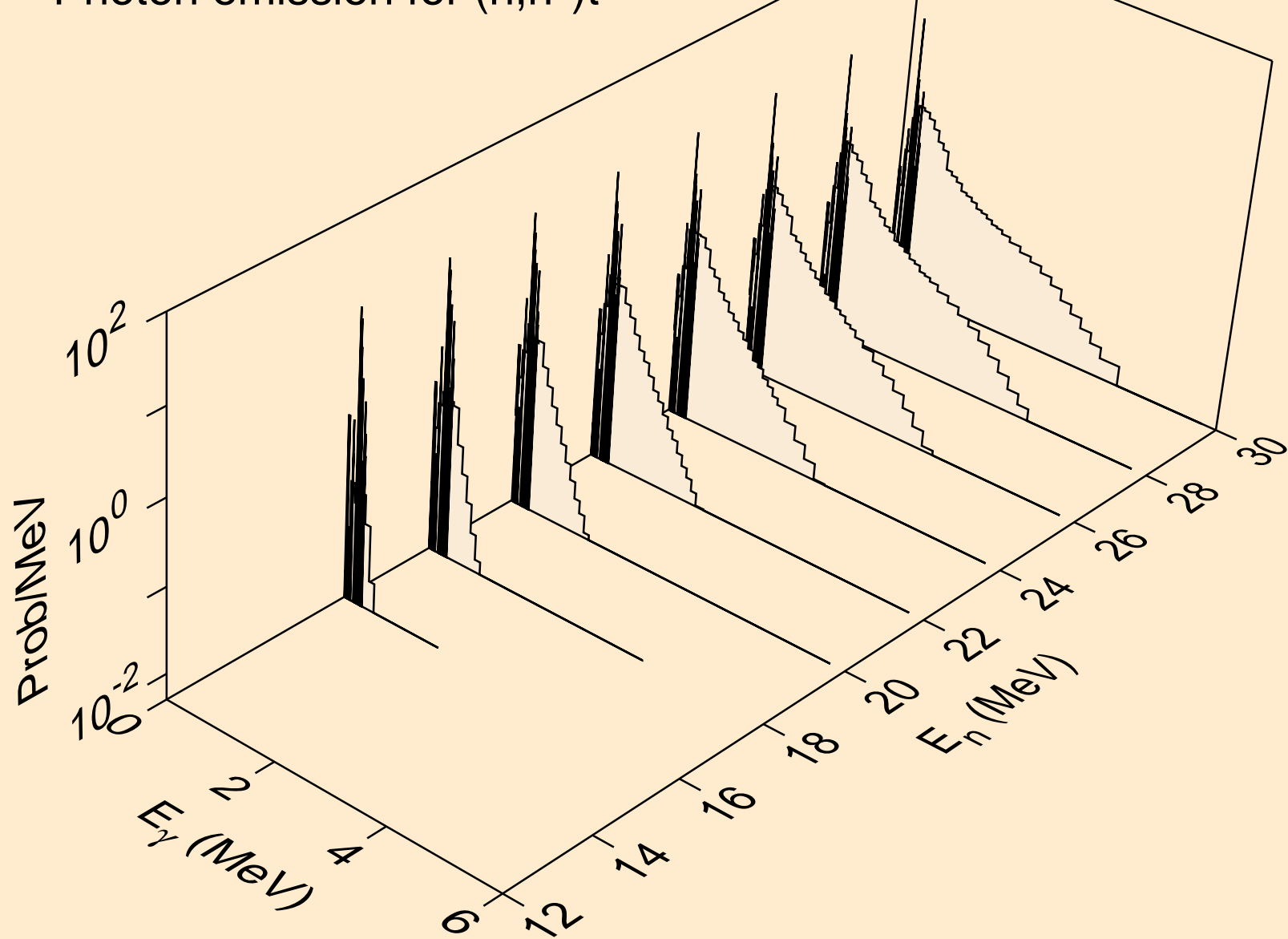


EU154M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

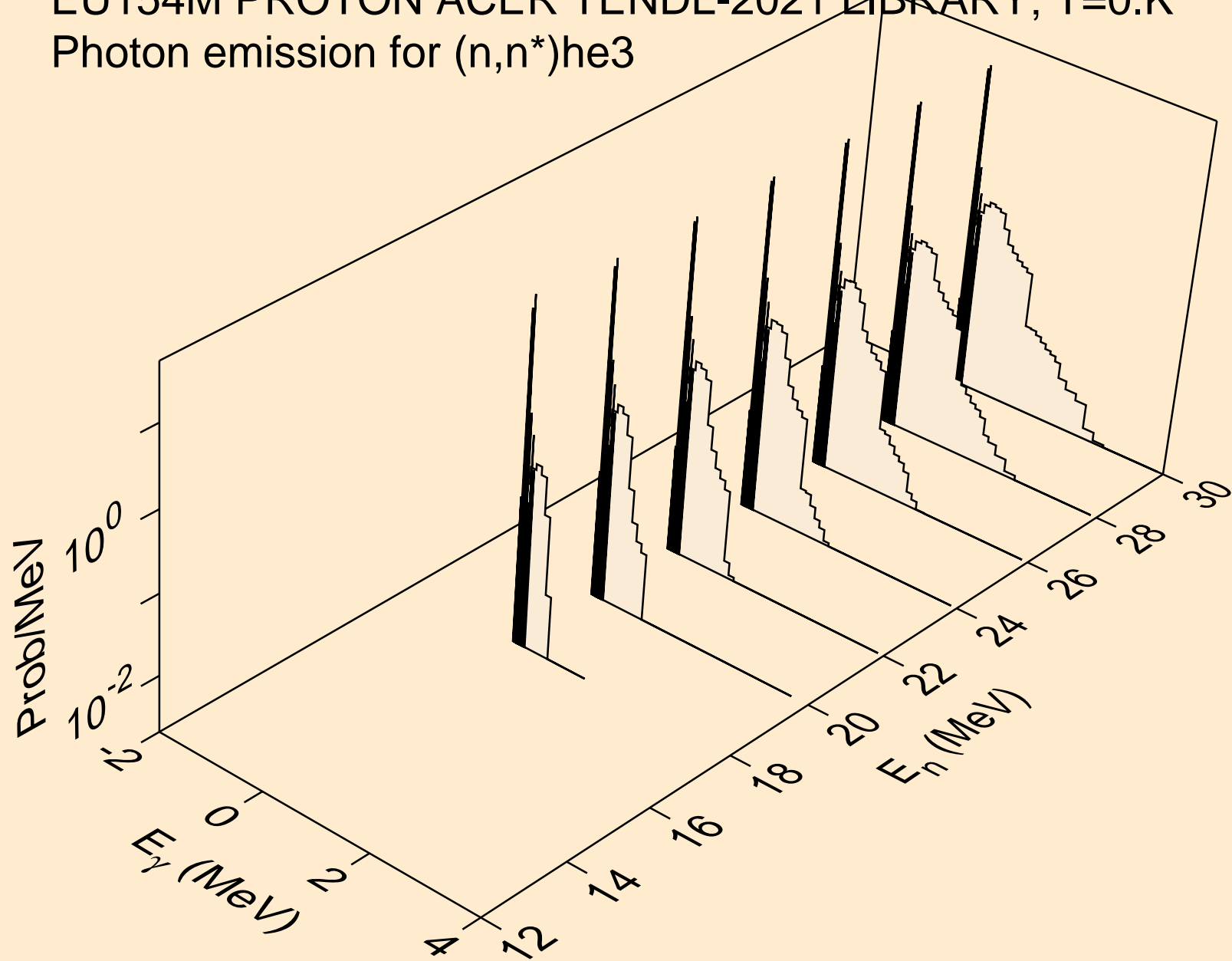




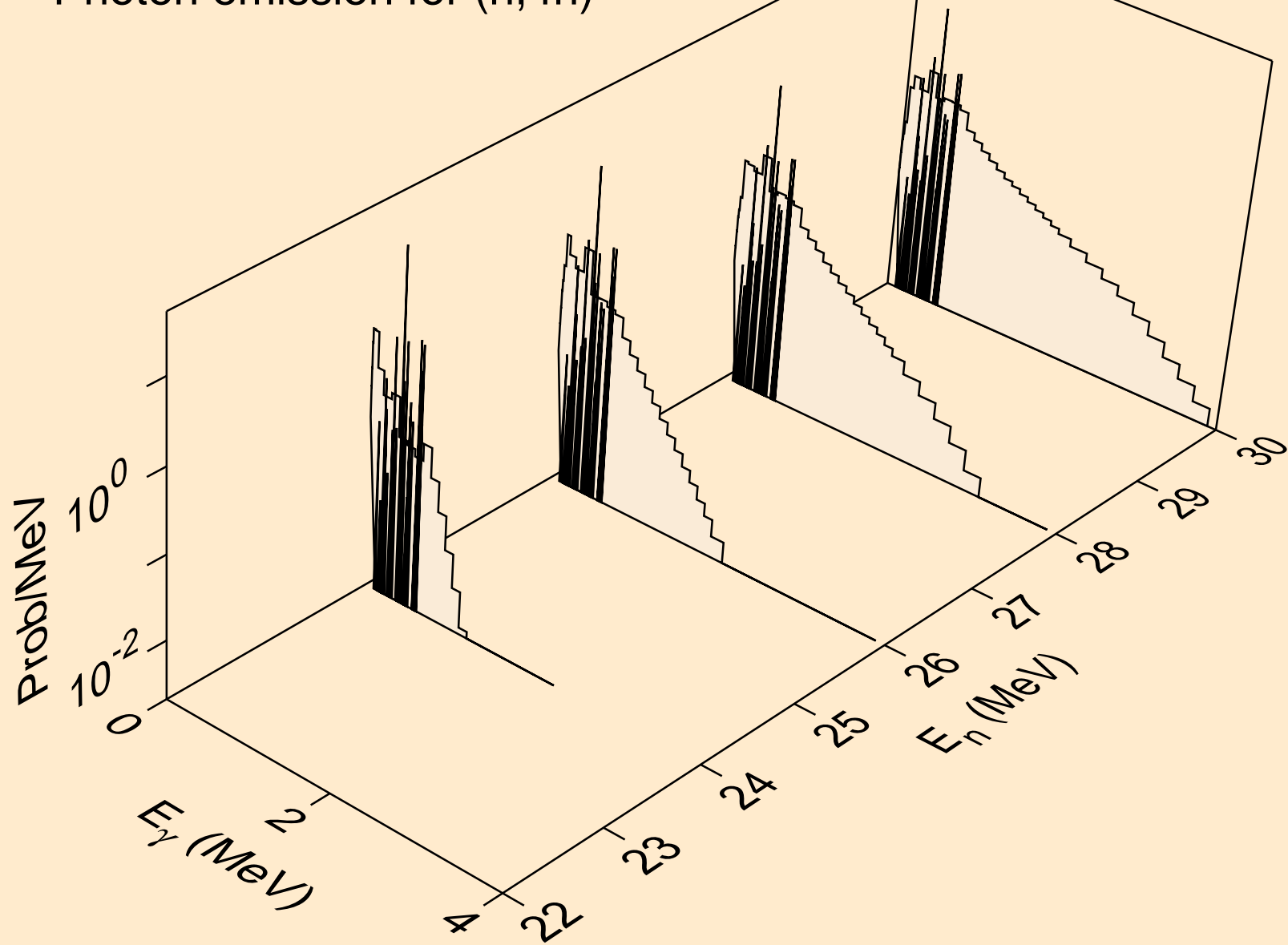
EU154M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



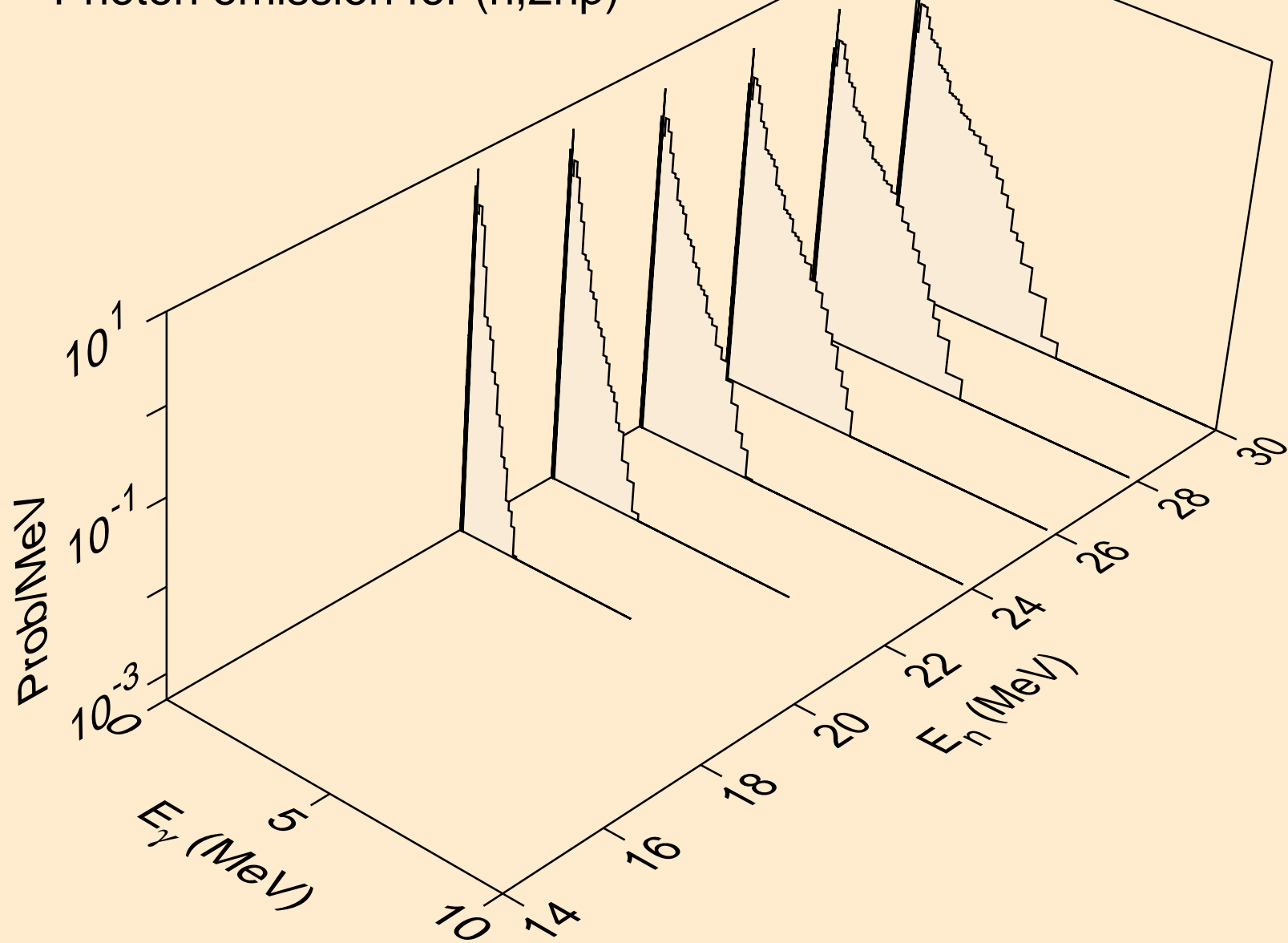
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Photon emission for (n,n\*)he3



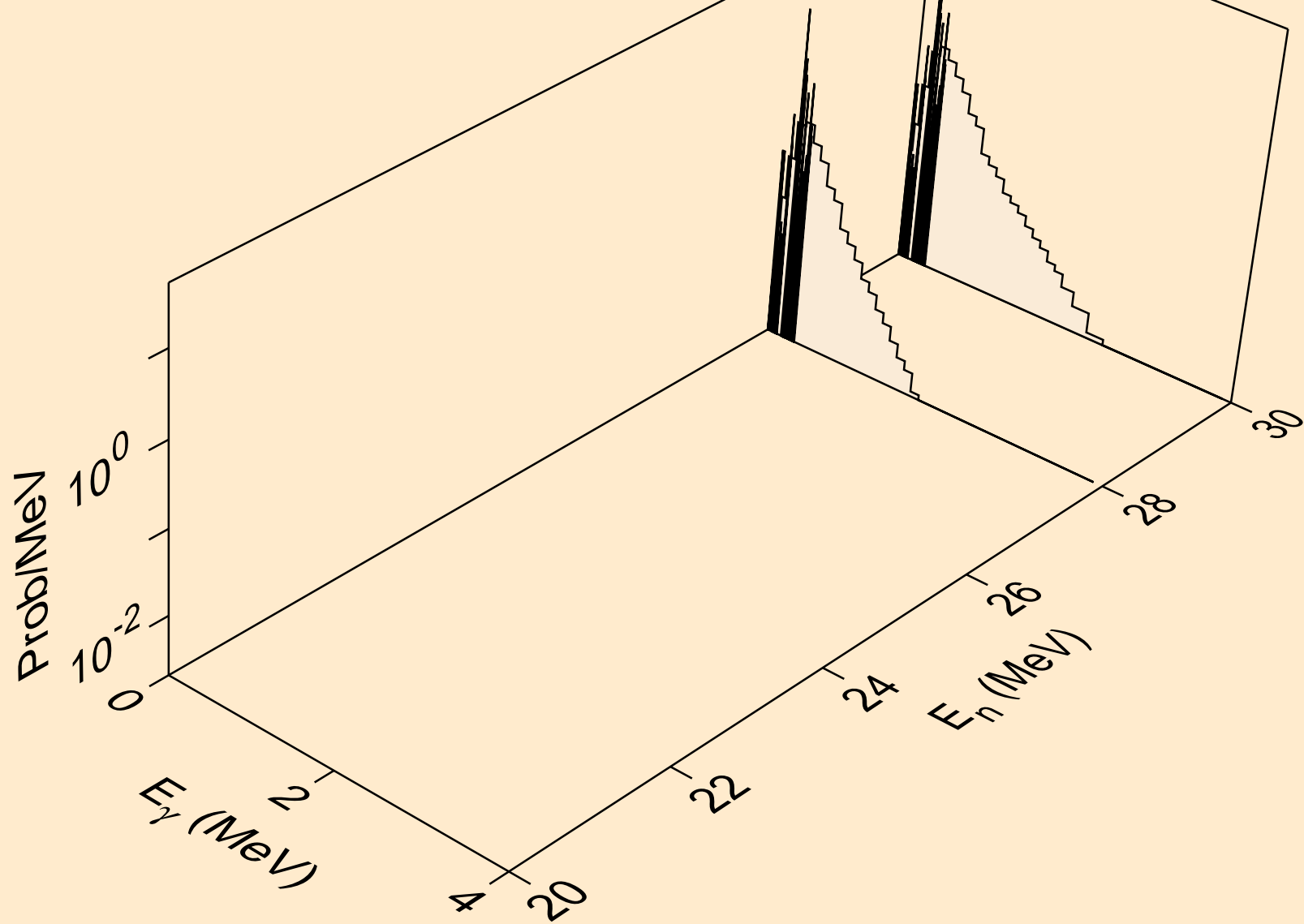
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Photon emission for (n,4n)



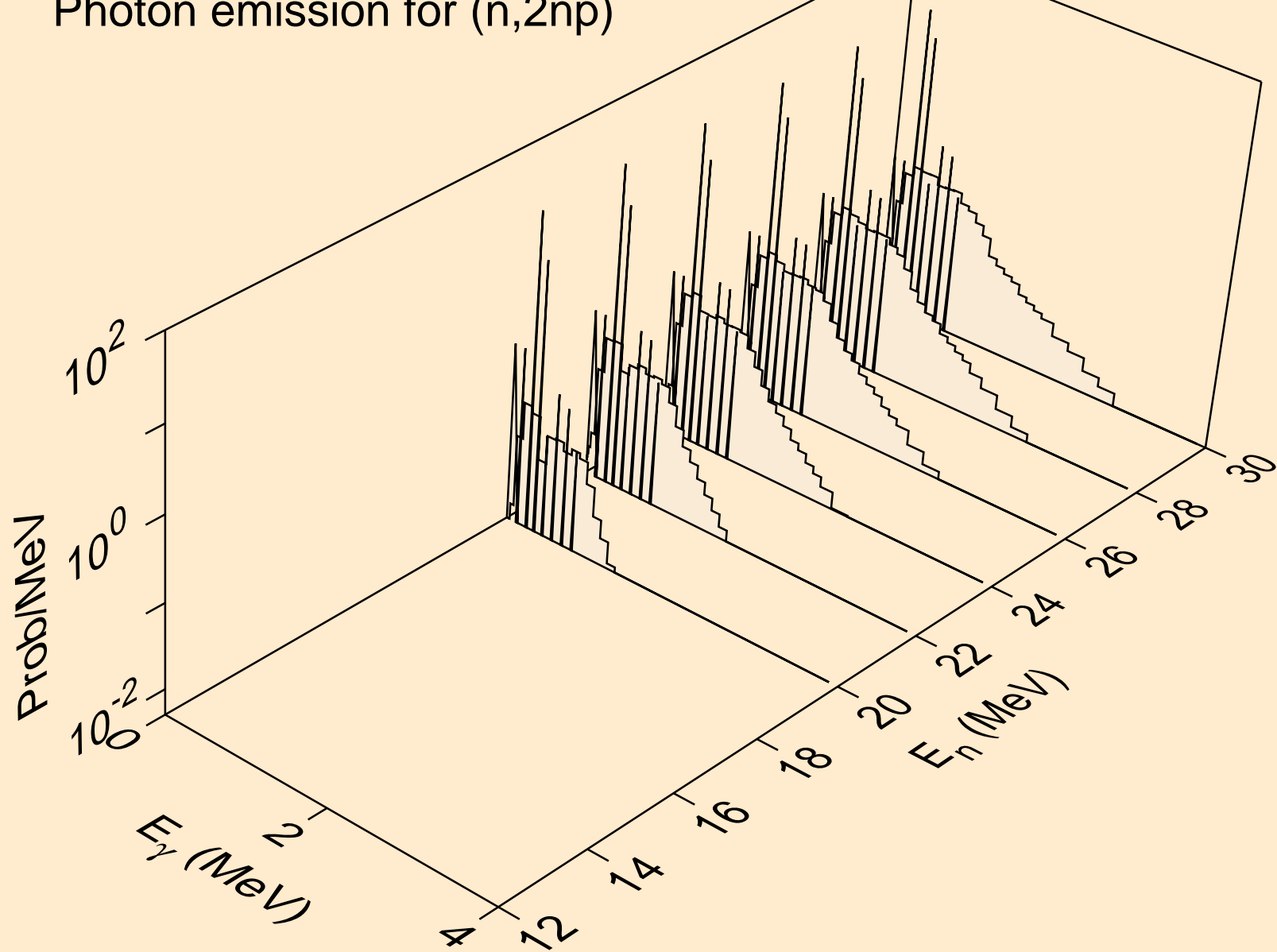
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Photon emission for (n,2np)



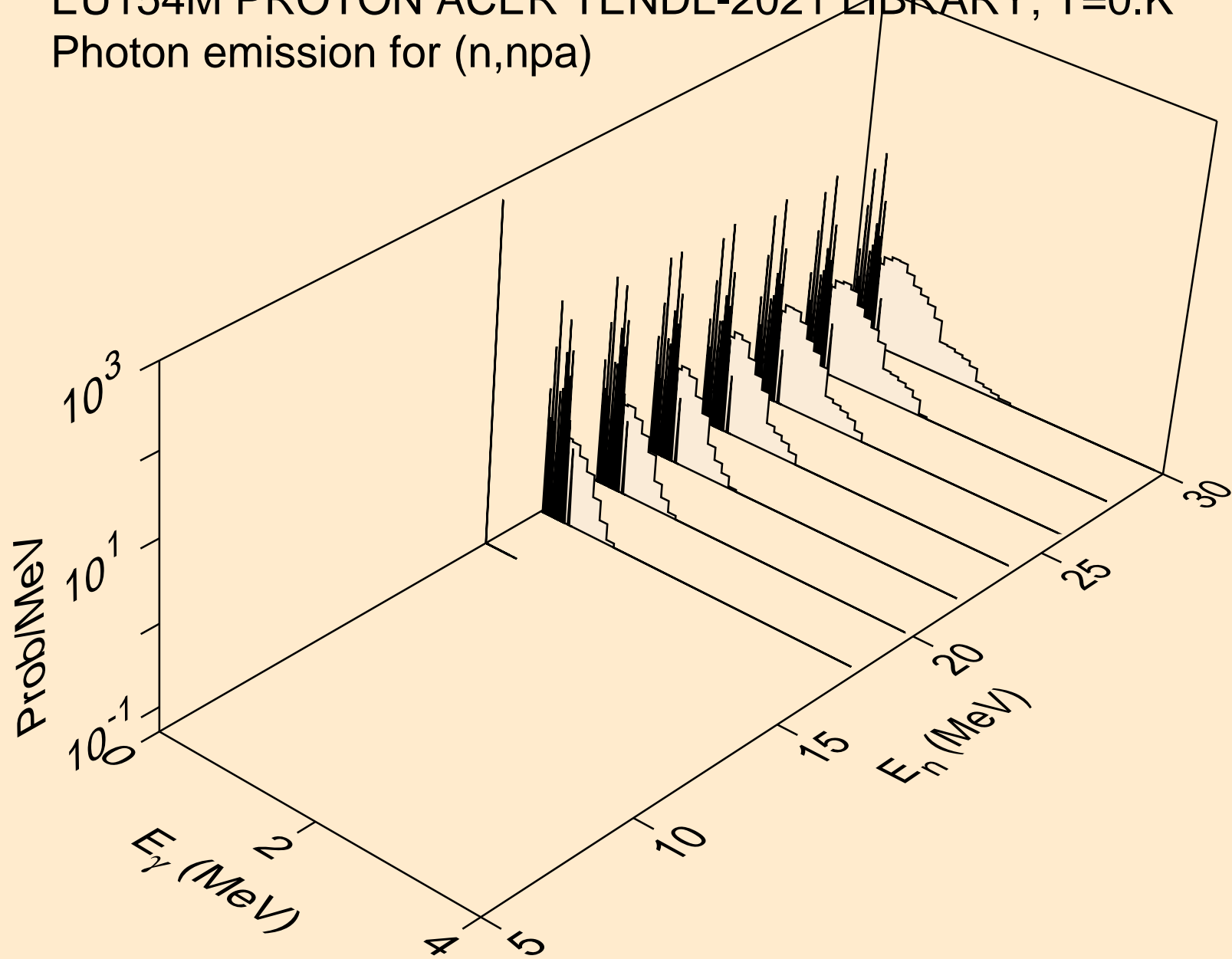
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Photon emission for (n,3np)



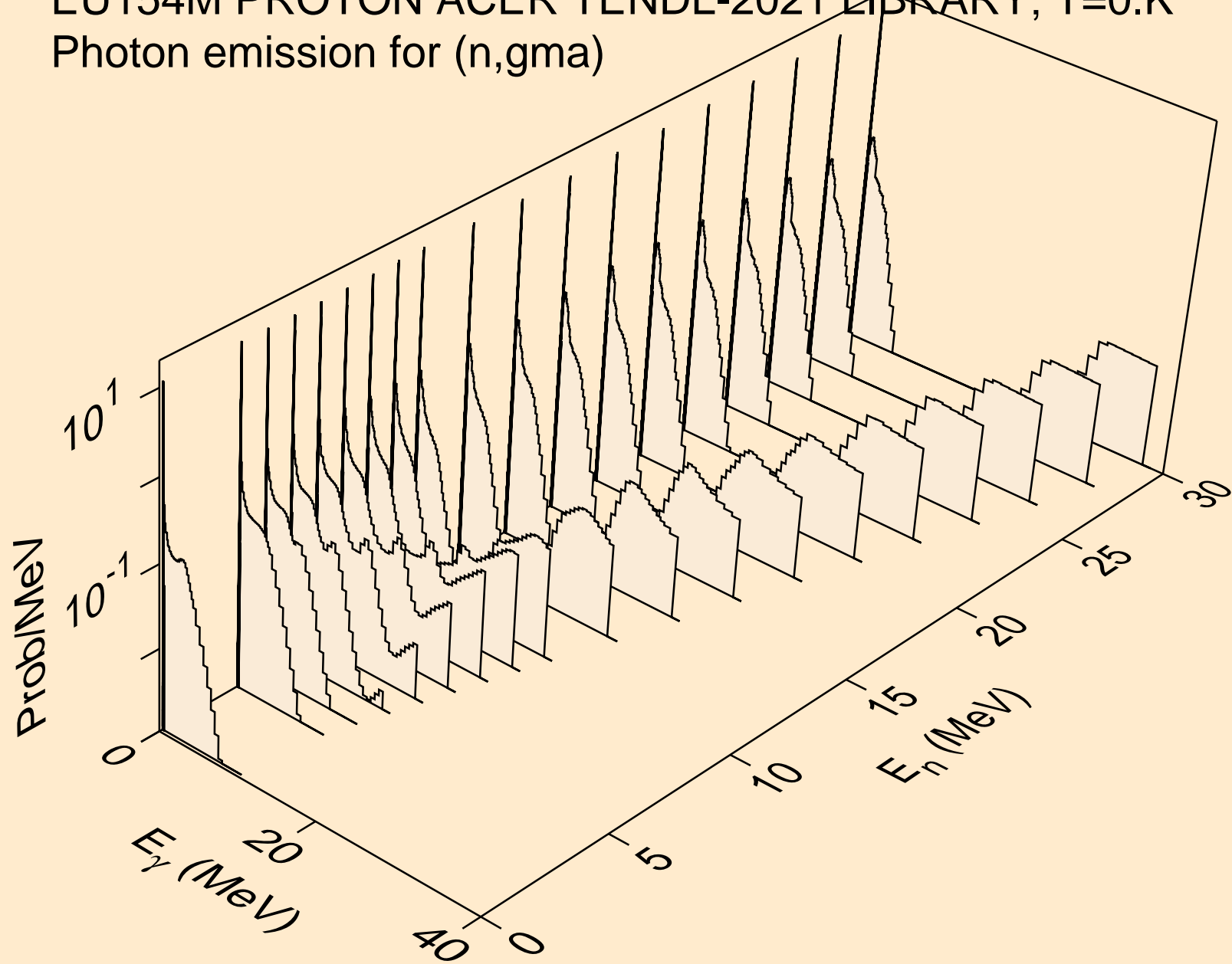
EU154M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



EU154M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,npa)

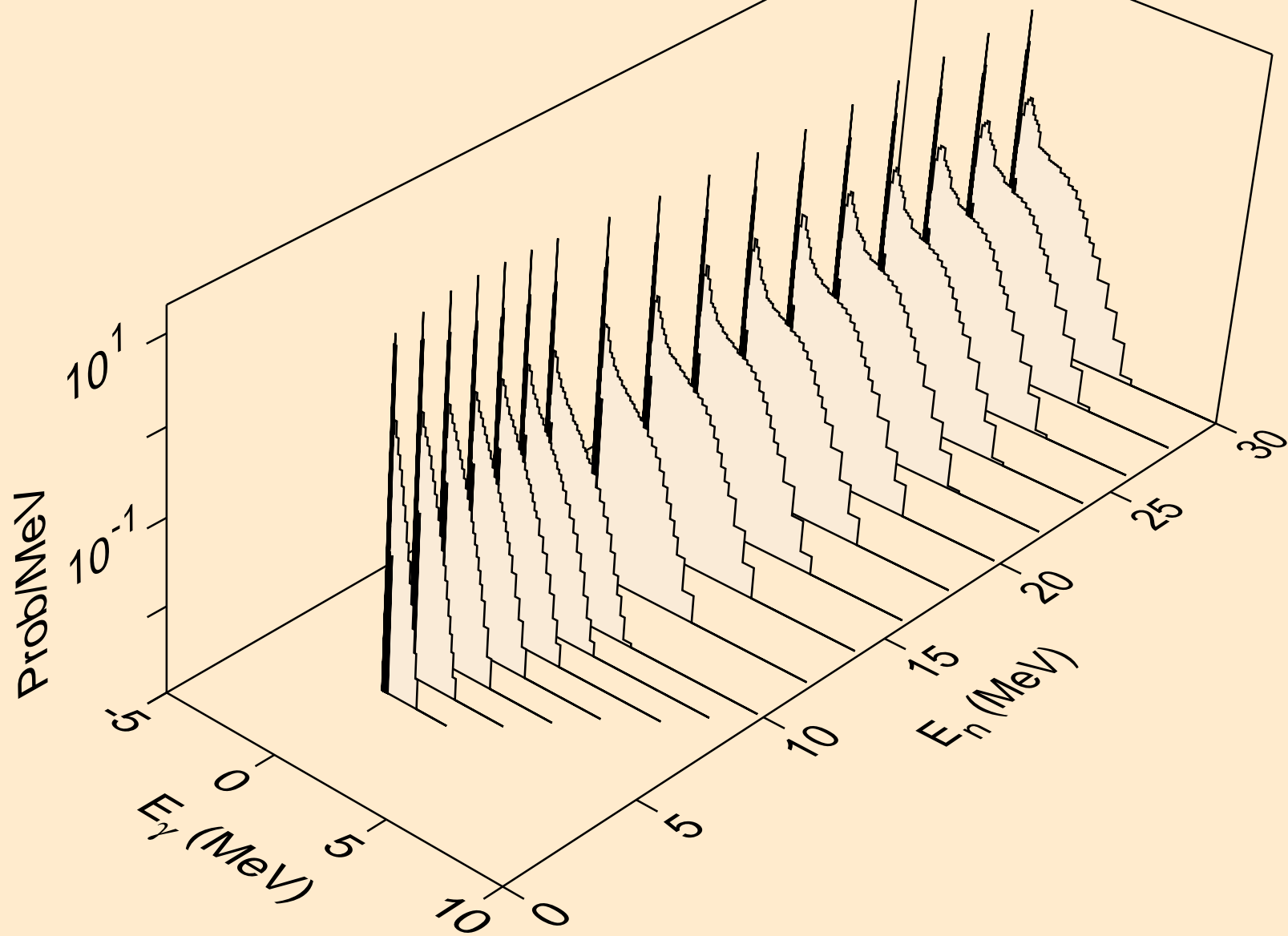


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Photon emission for (n,gma)

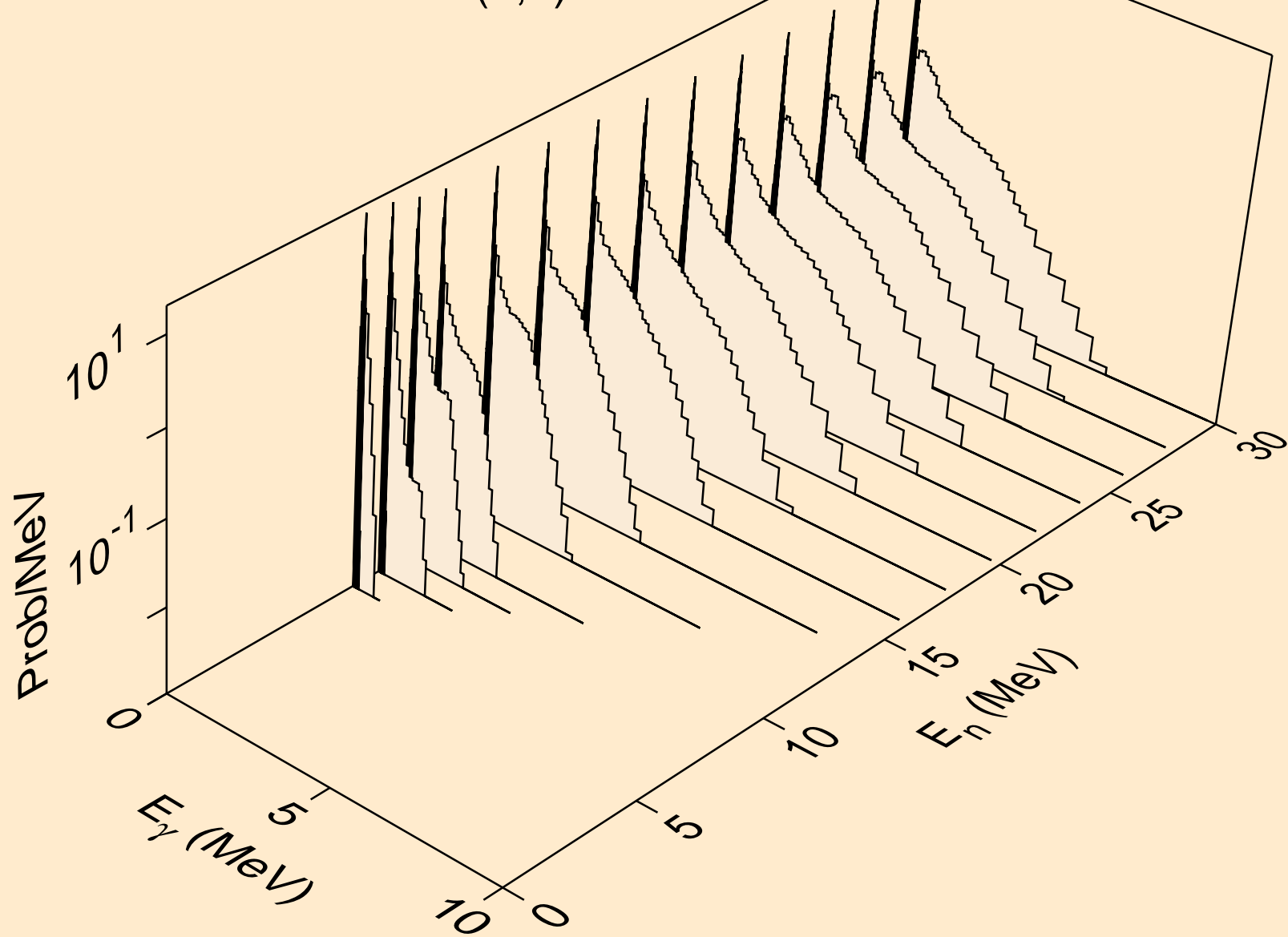




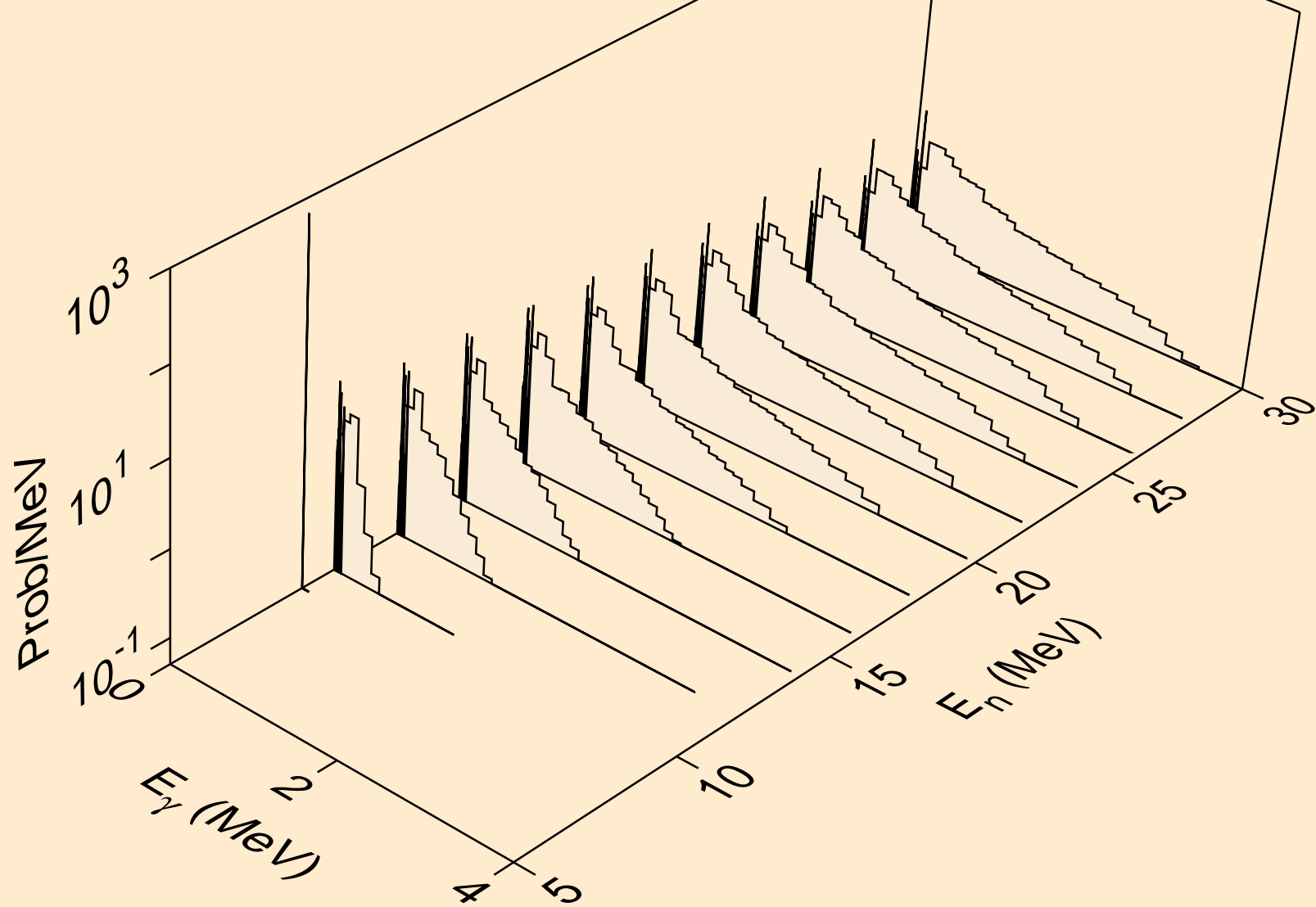
EU154M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



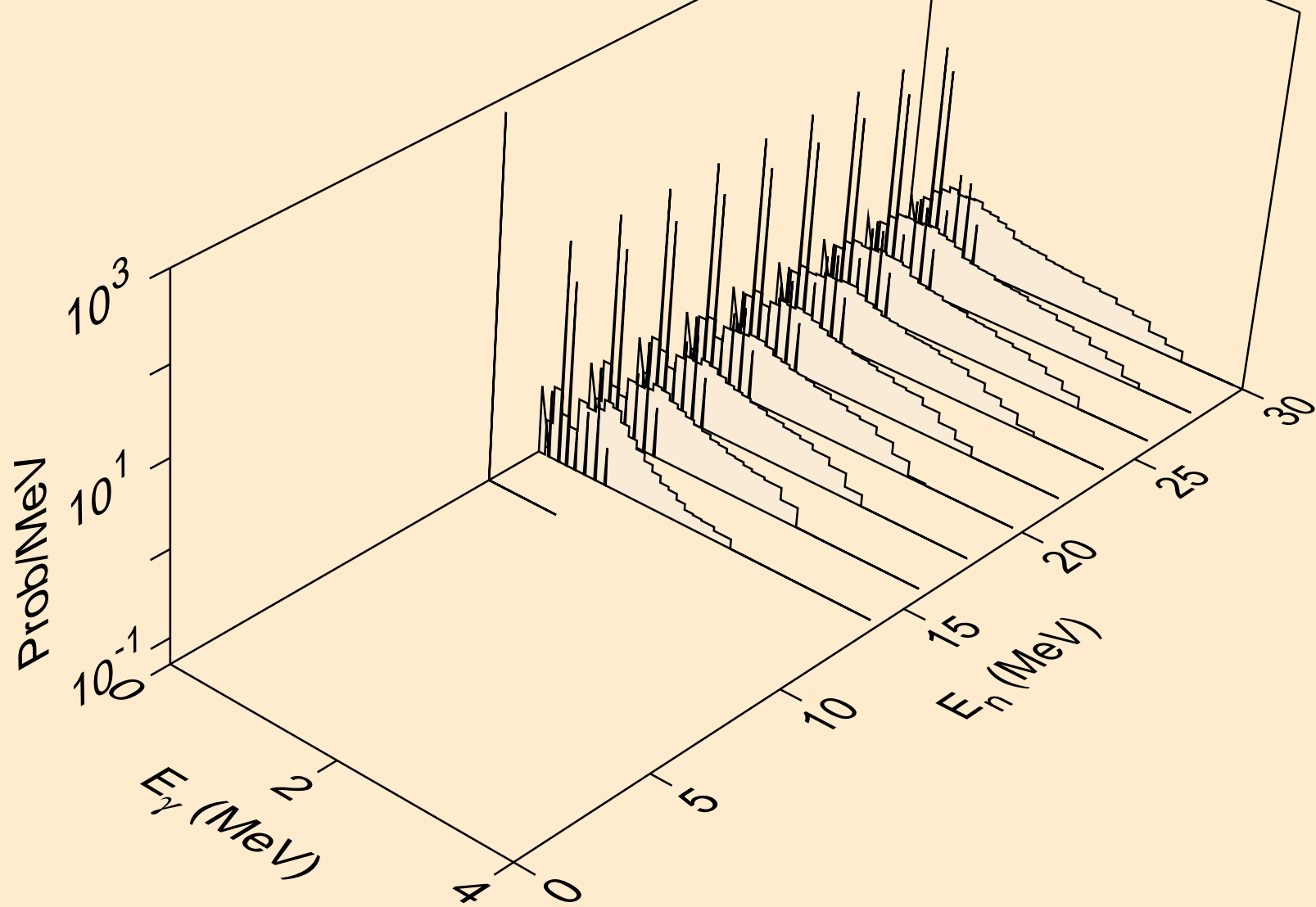
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Photon emission for (n,d)



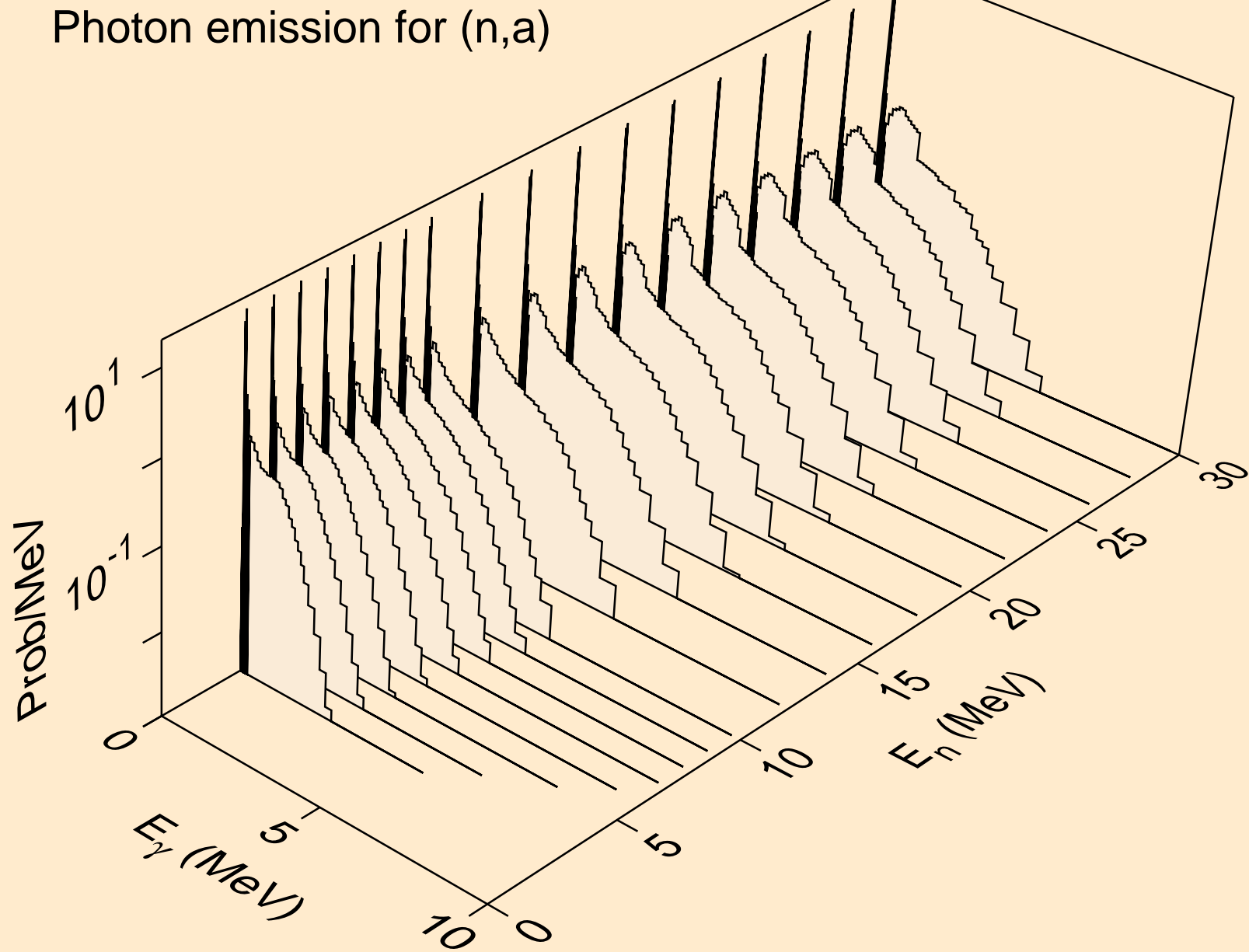
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Photon emission for (n,t)



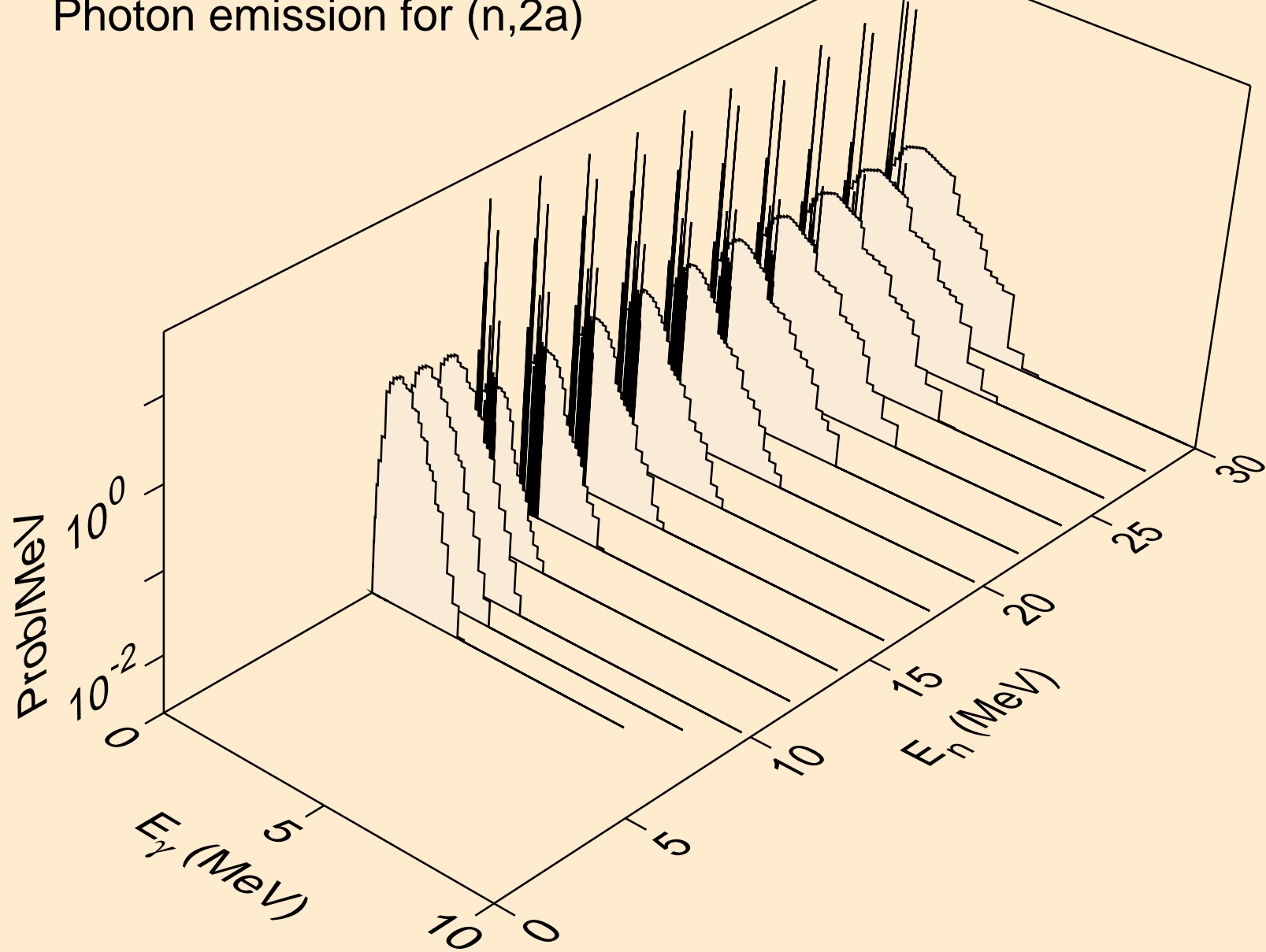
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Photon emission for (n,he3)



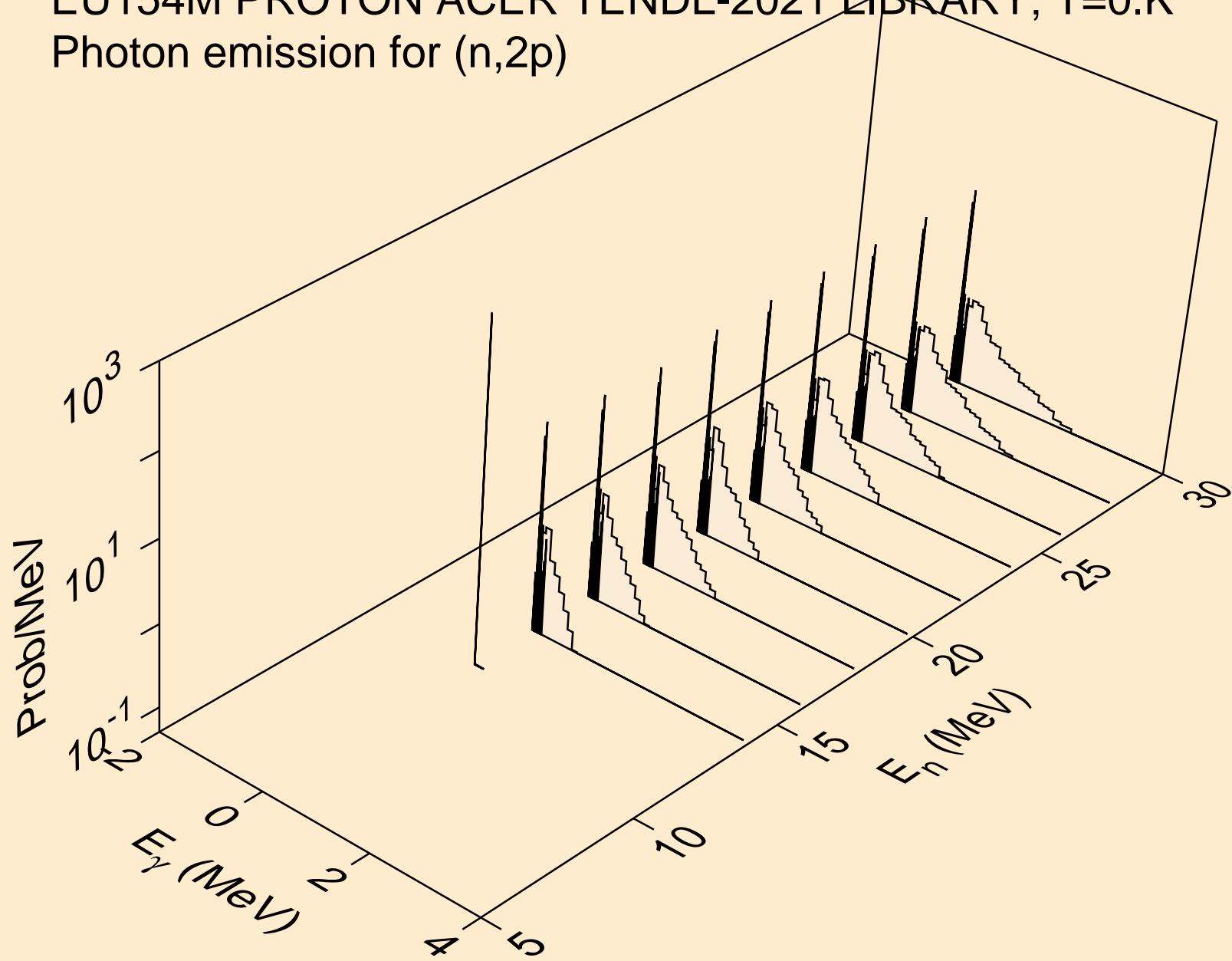
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Photon emission for (n,a)



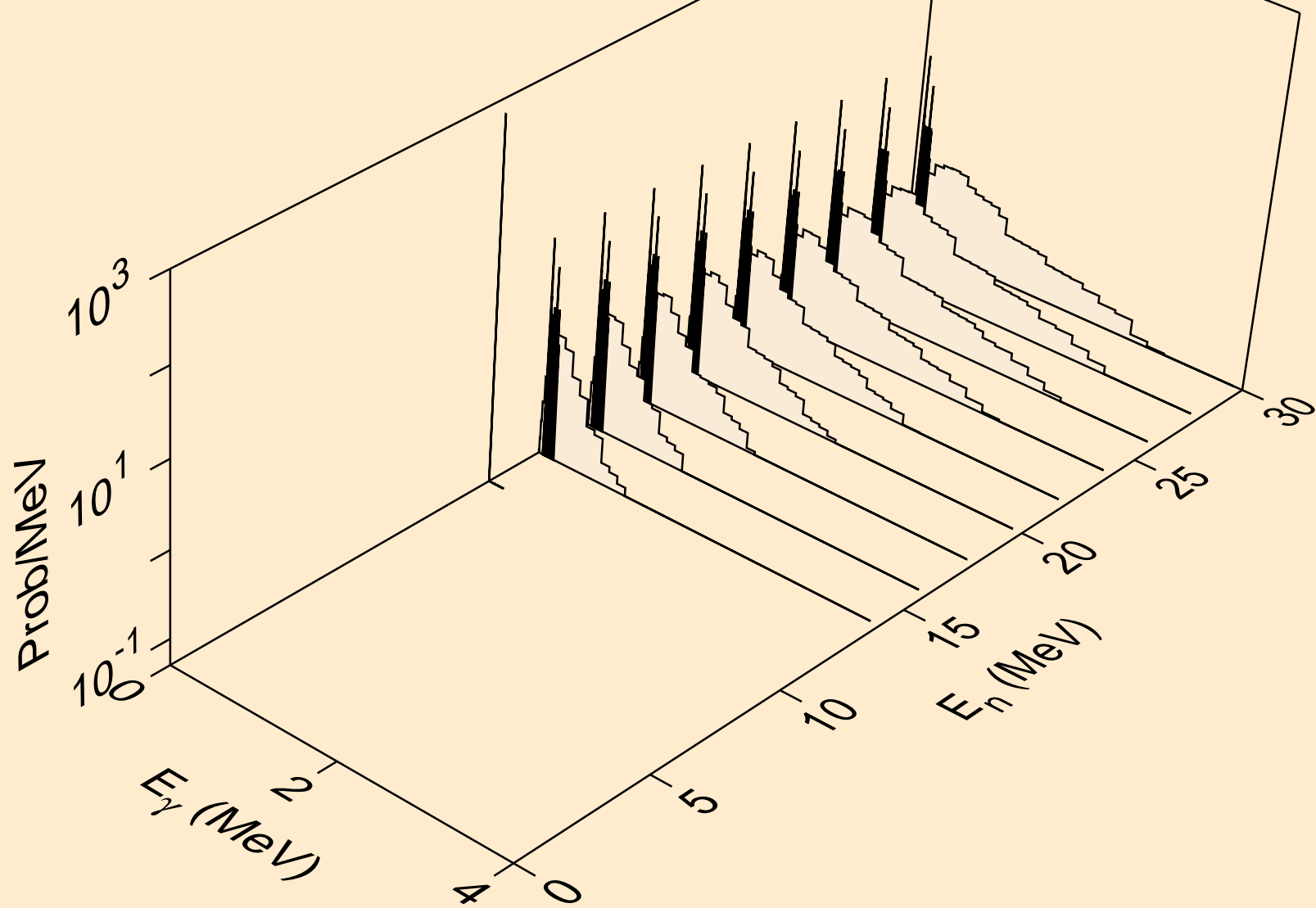
EU154M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2a)



EU154M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)

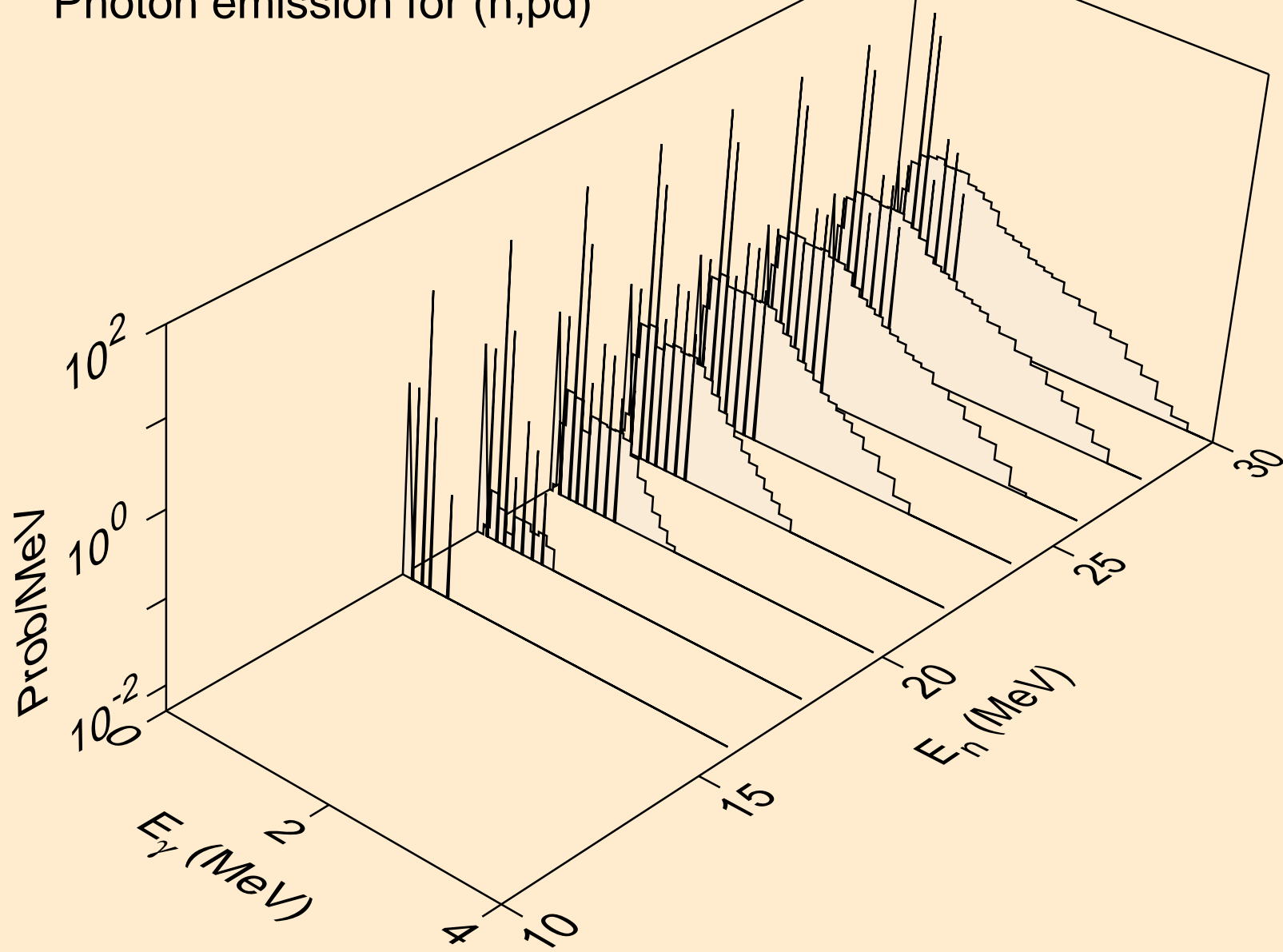


EU154M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pa)

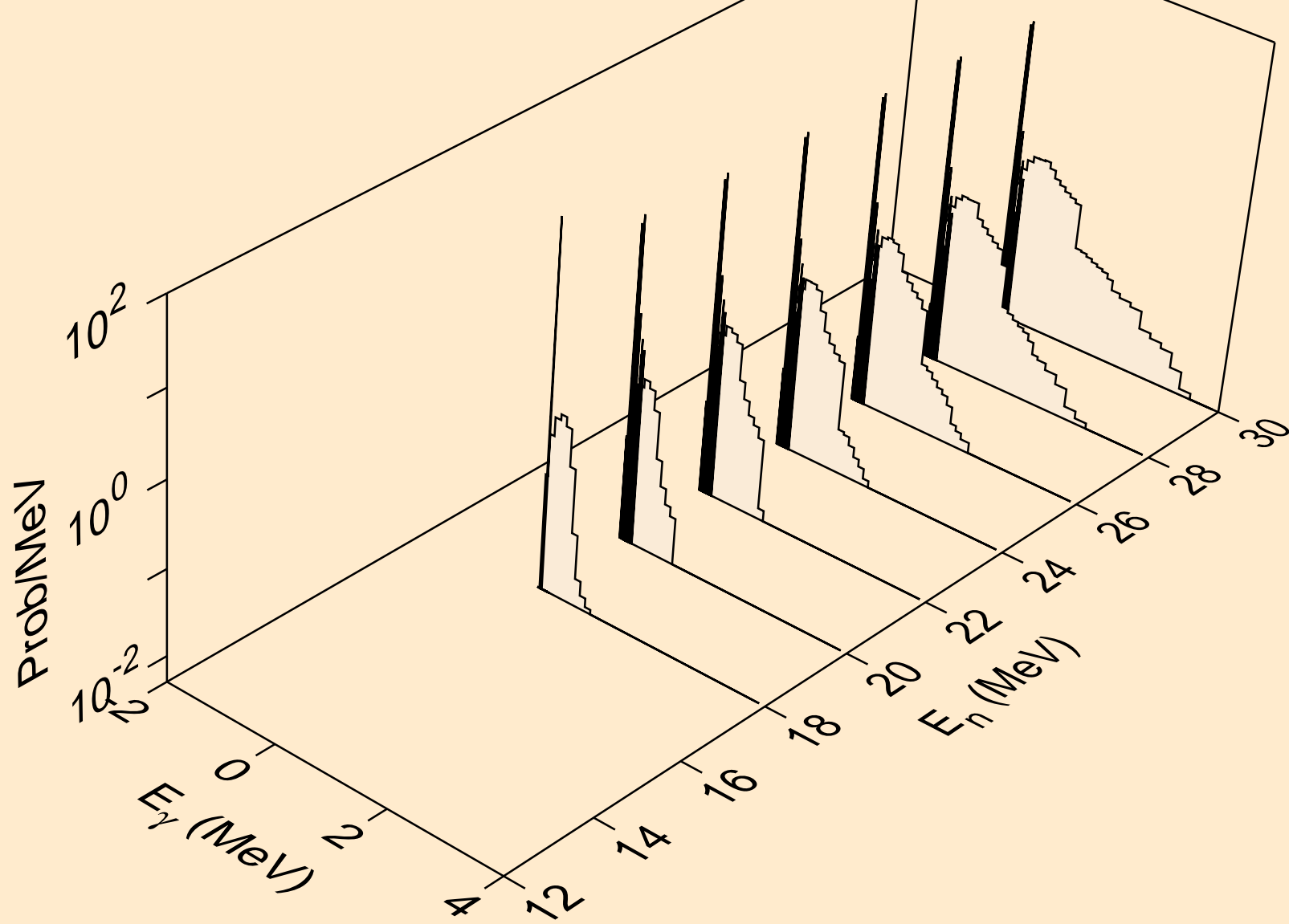




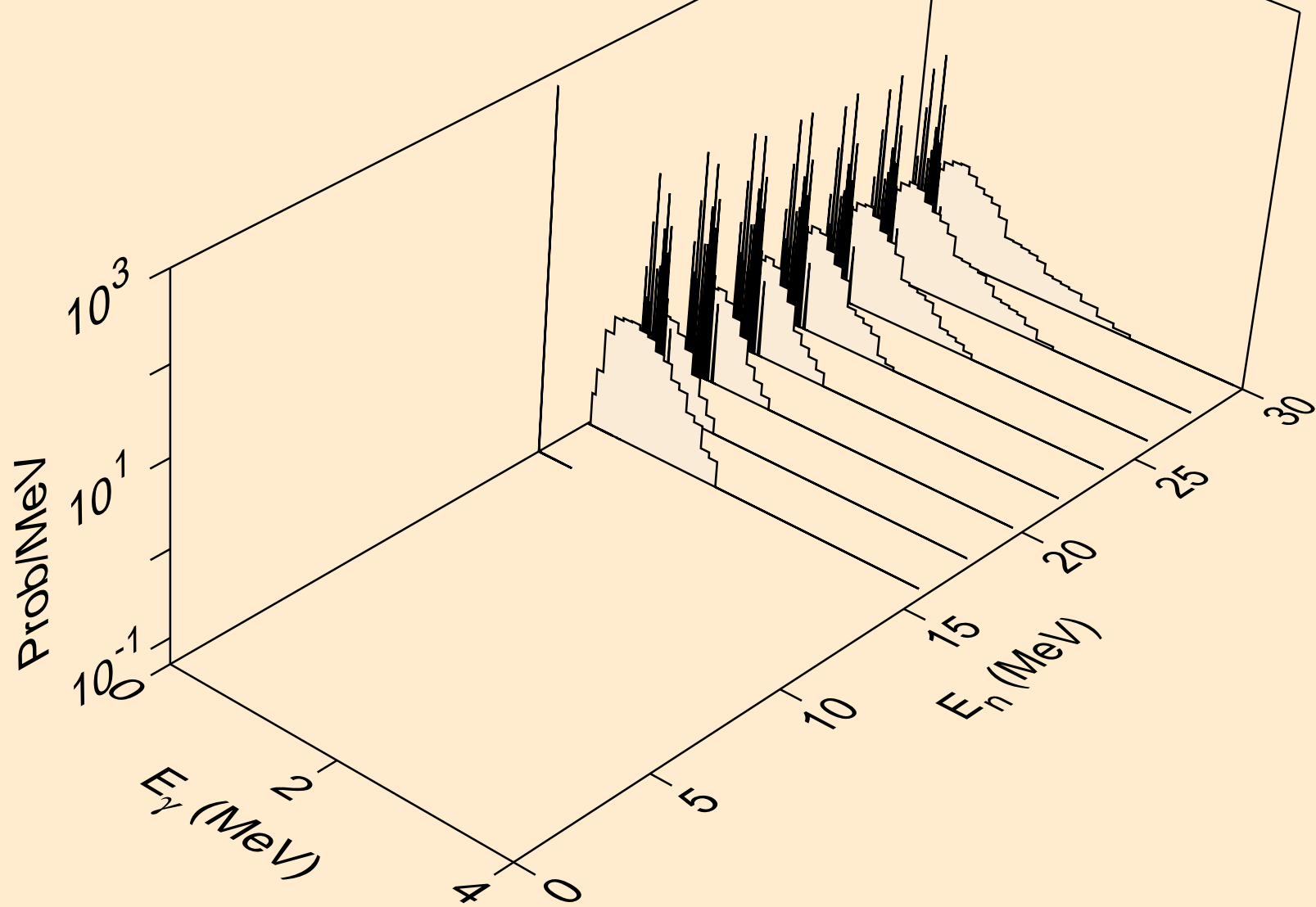
EU154M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)



EU154M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)

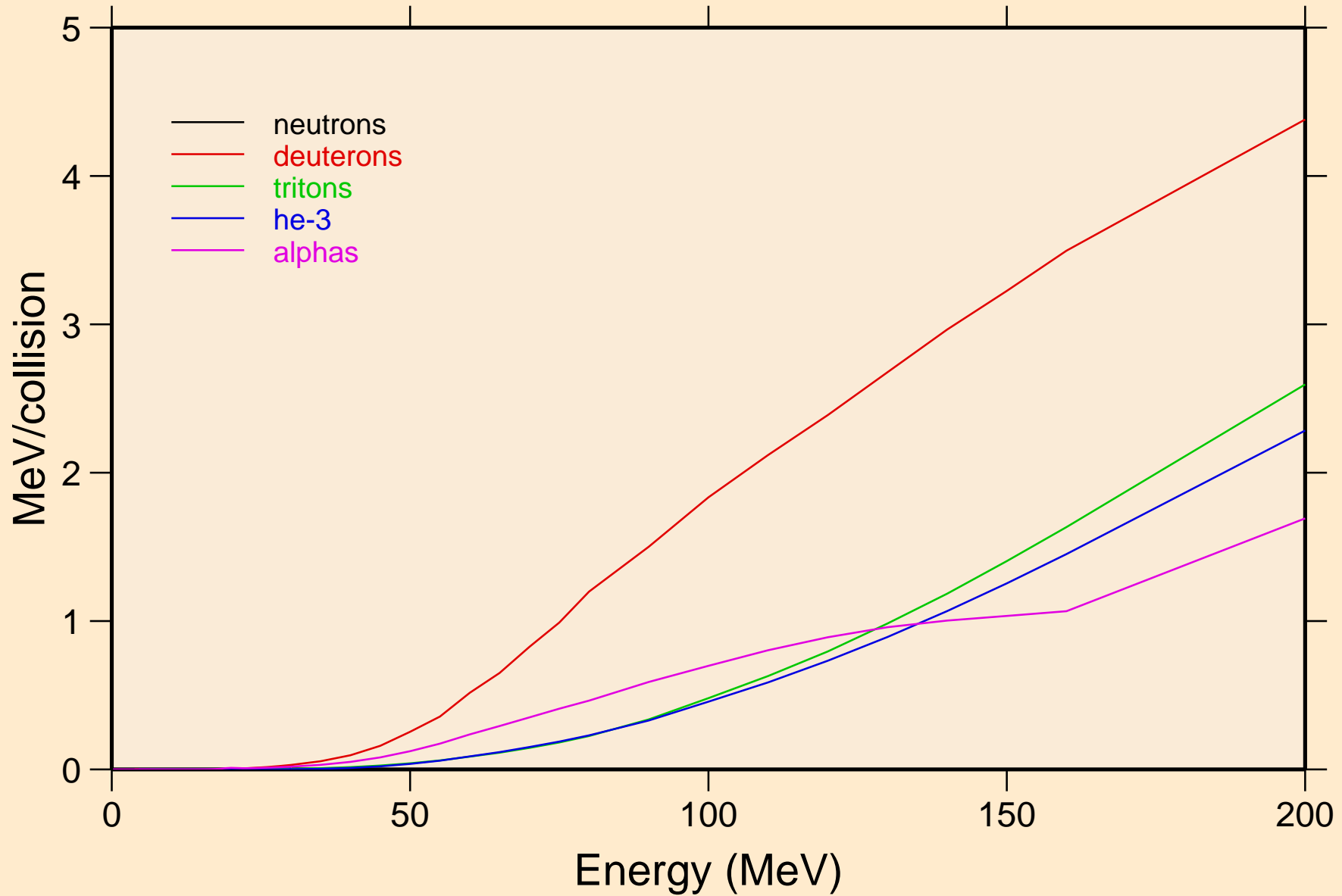


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Photon emission for (n,da)

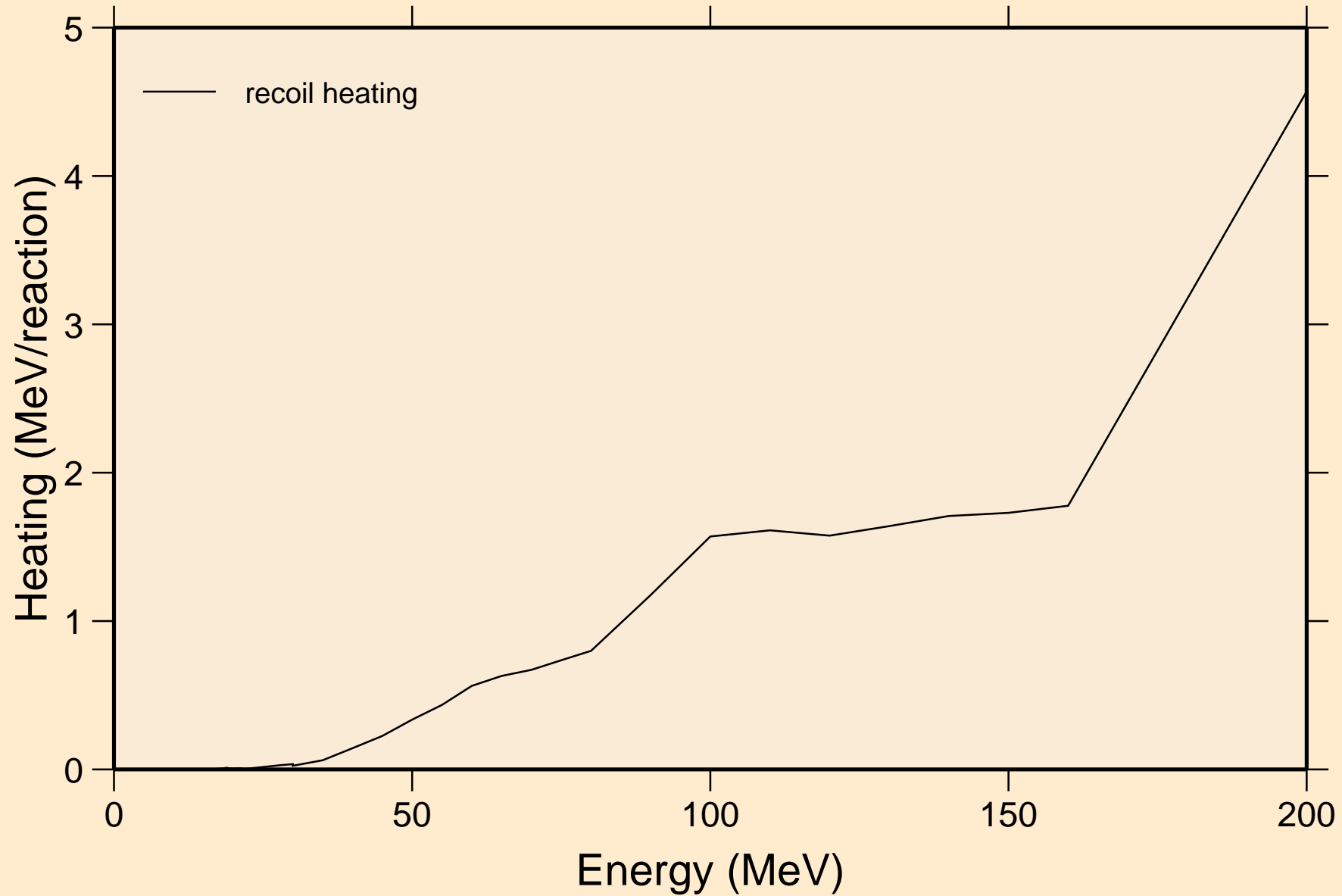


# EU154M PROTON ACER TENDL-2021 LIBRARY; T=0.K

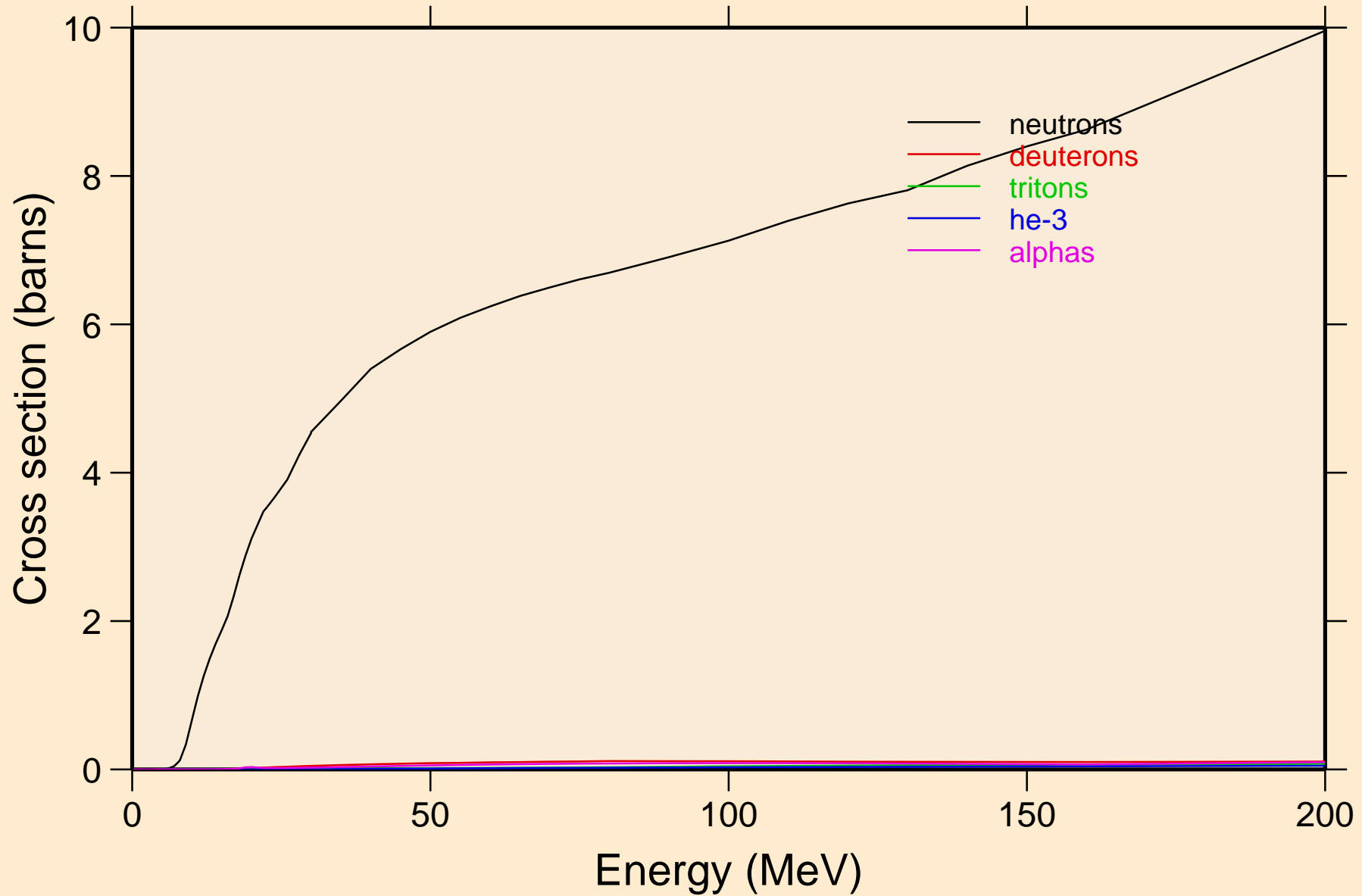
## Particle heating contributions



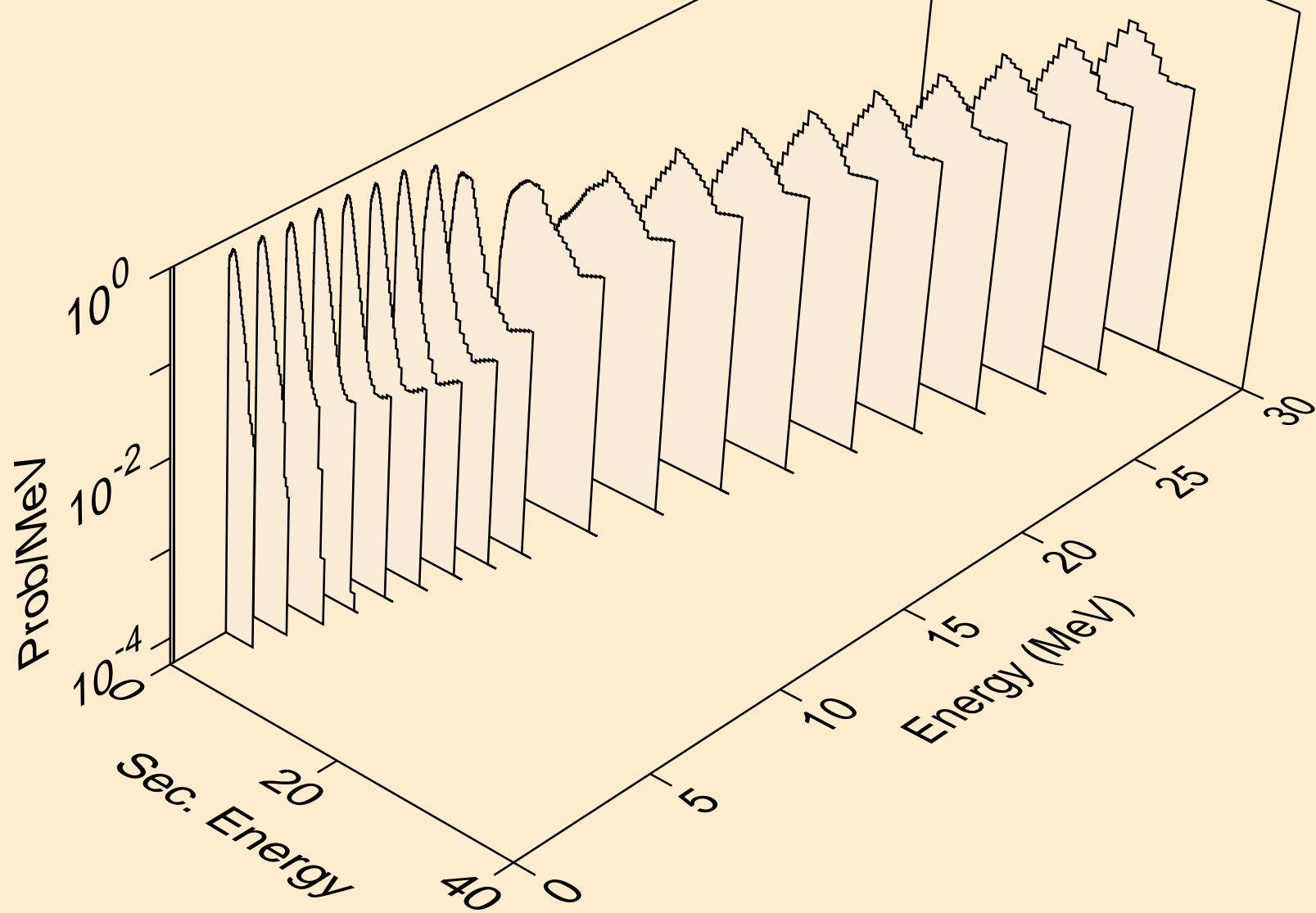
EU154M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating



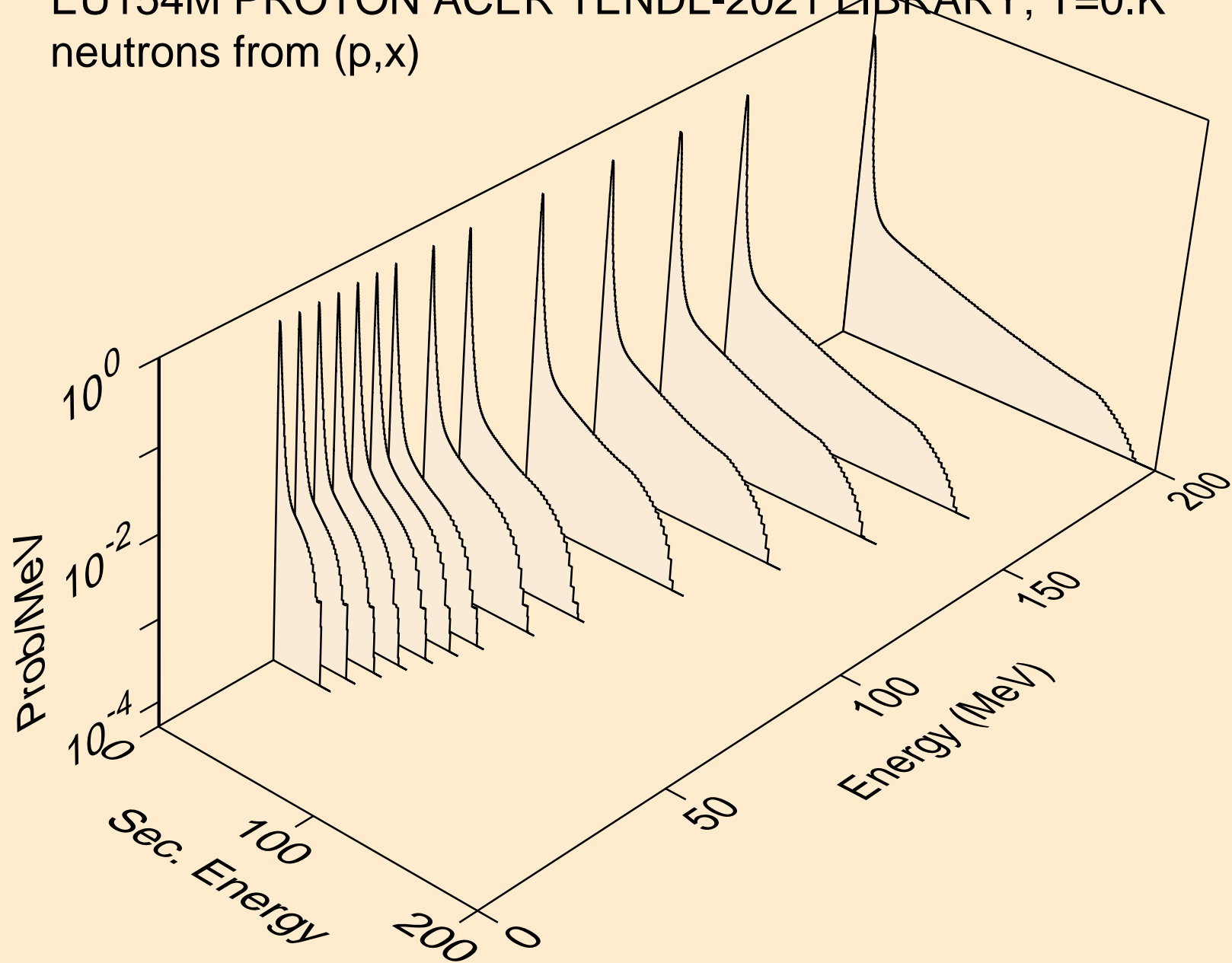
EU154M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



EU154M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n)

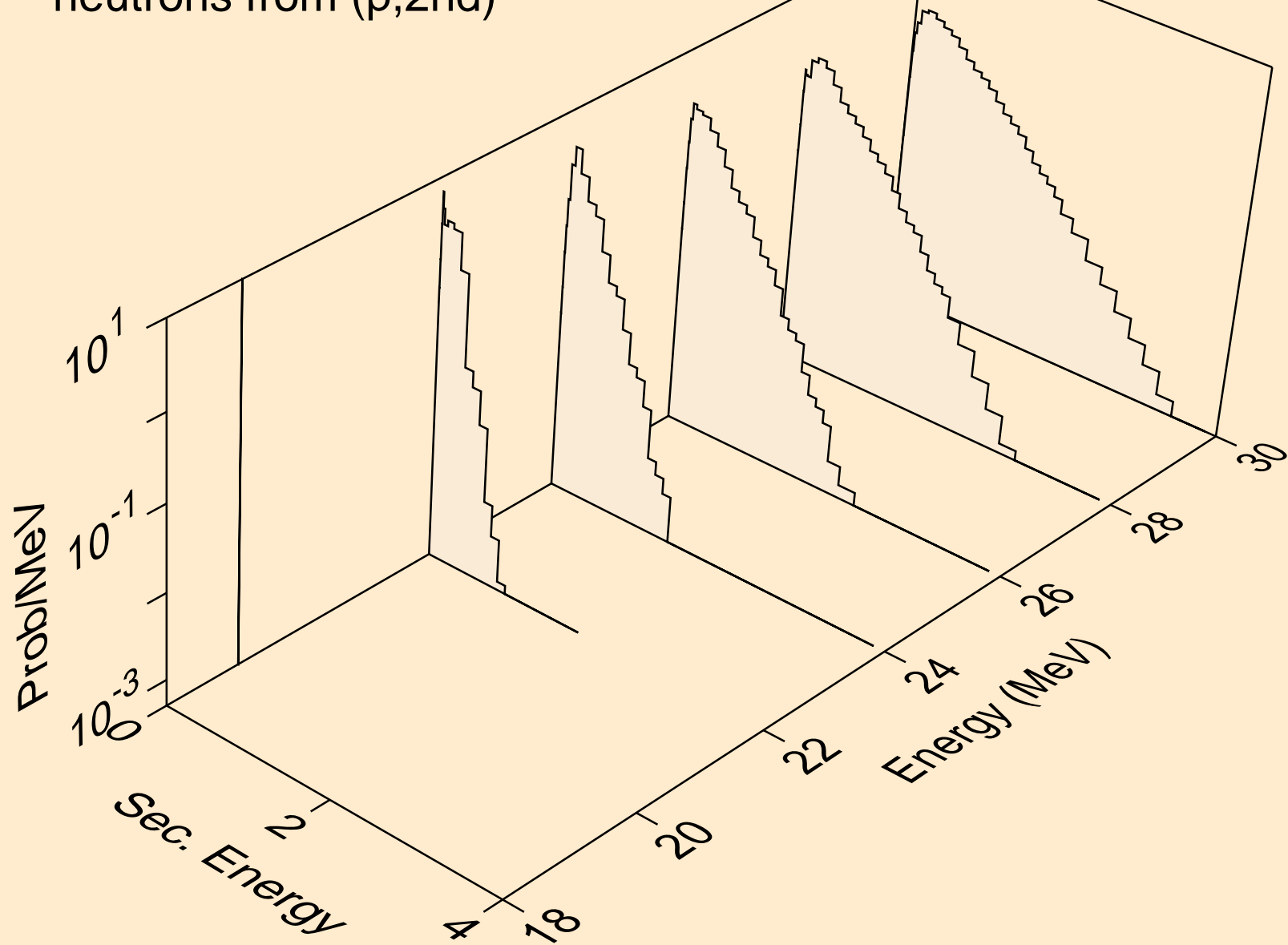


EU154M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,x)

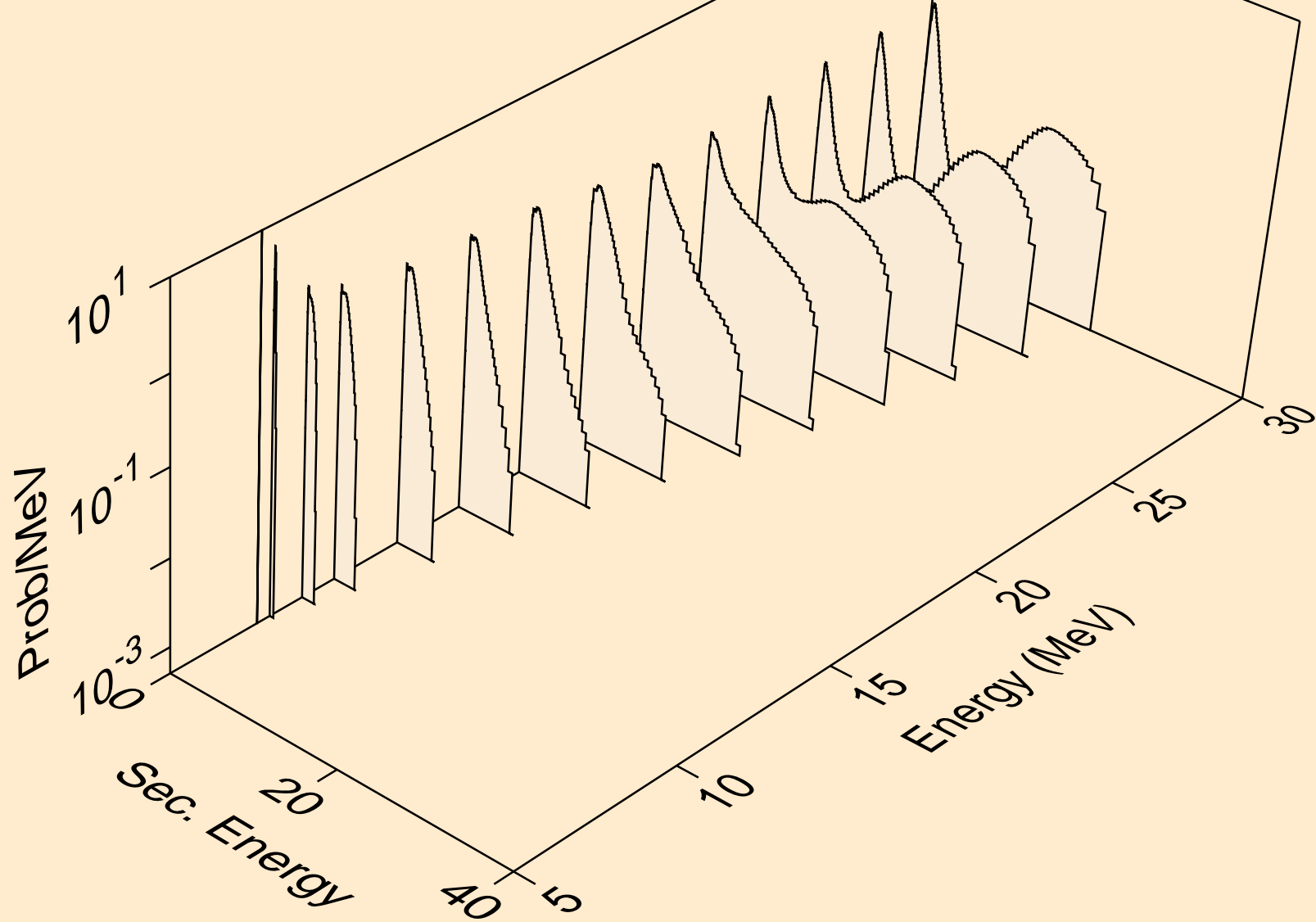




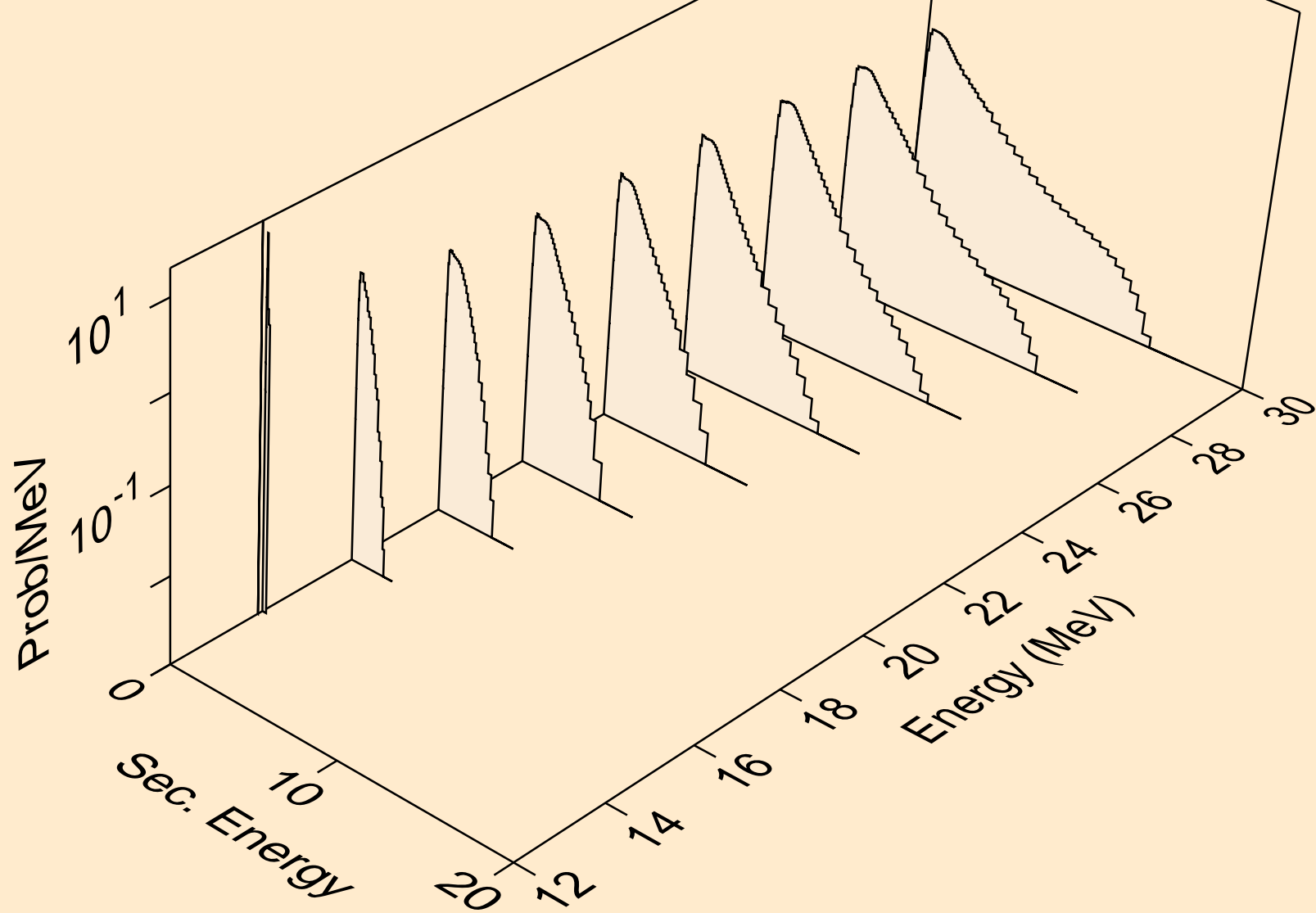
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neutrons from (p,2nd)



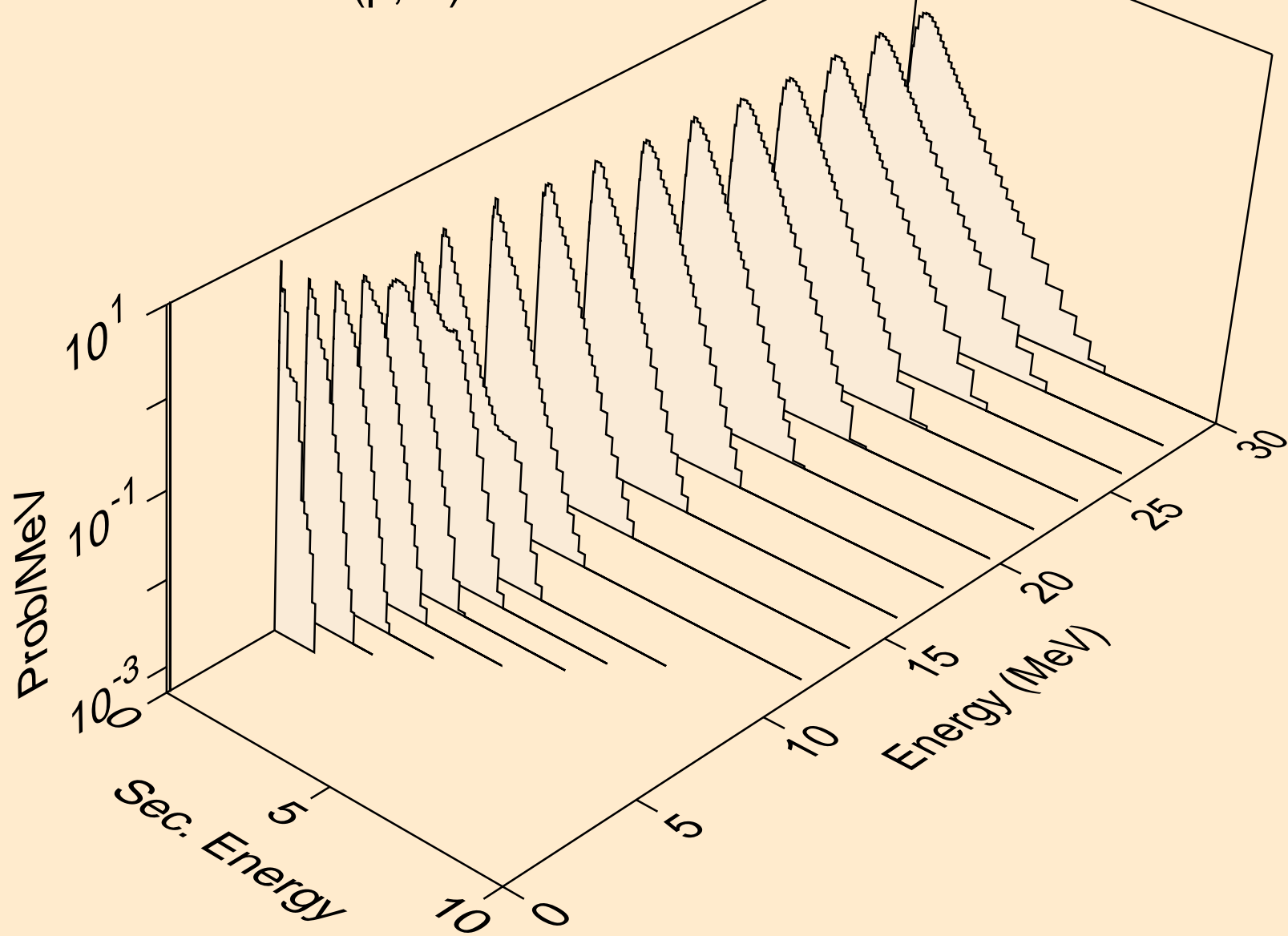
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neutrons from (p,2n)



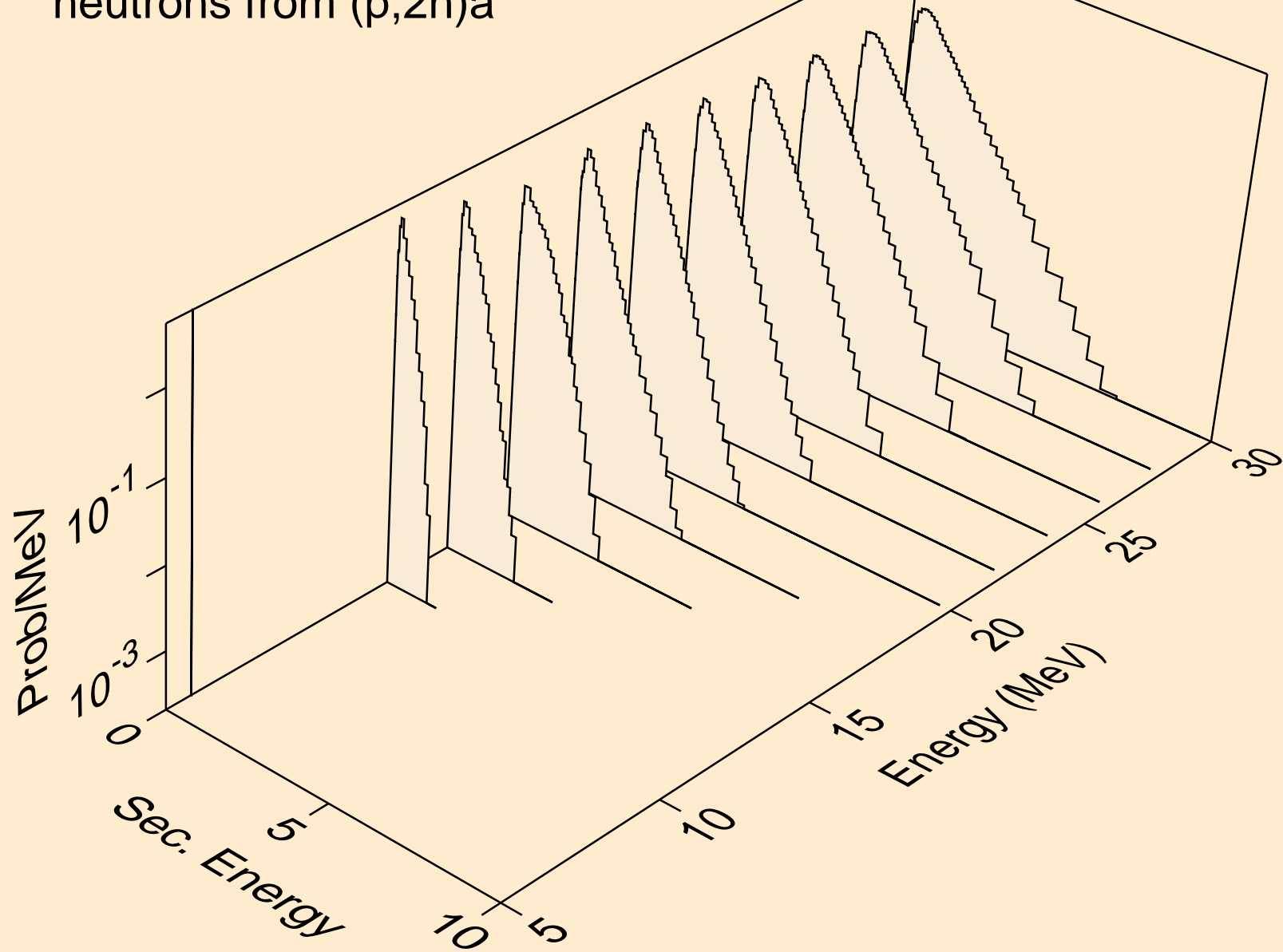
EU154M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,3n)



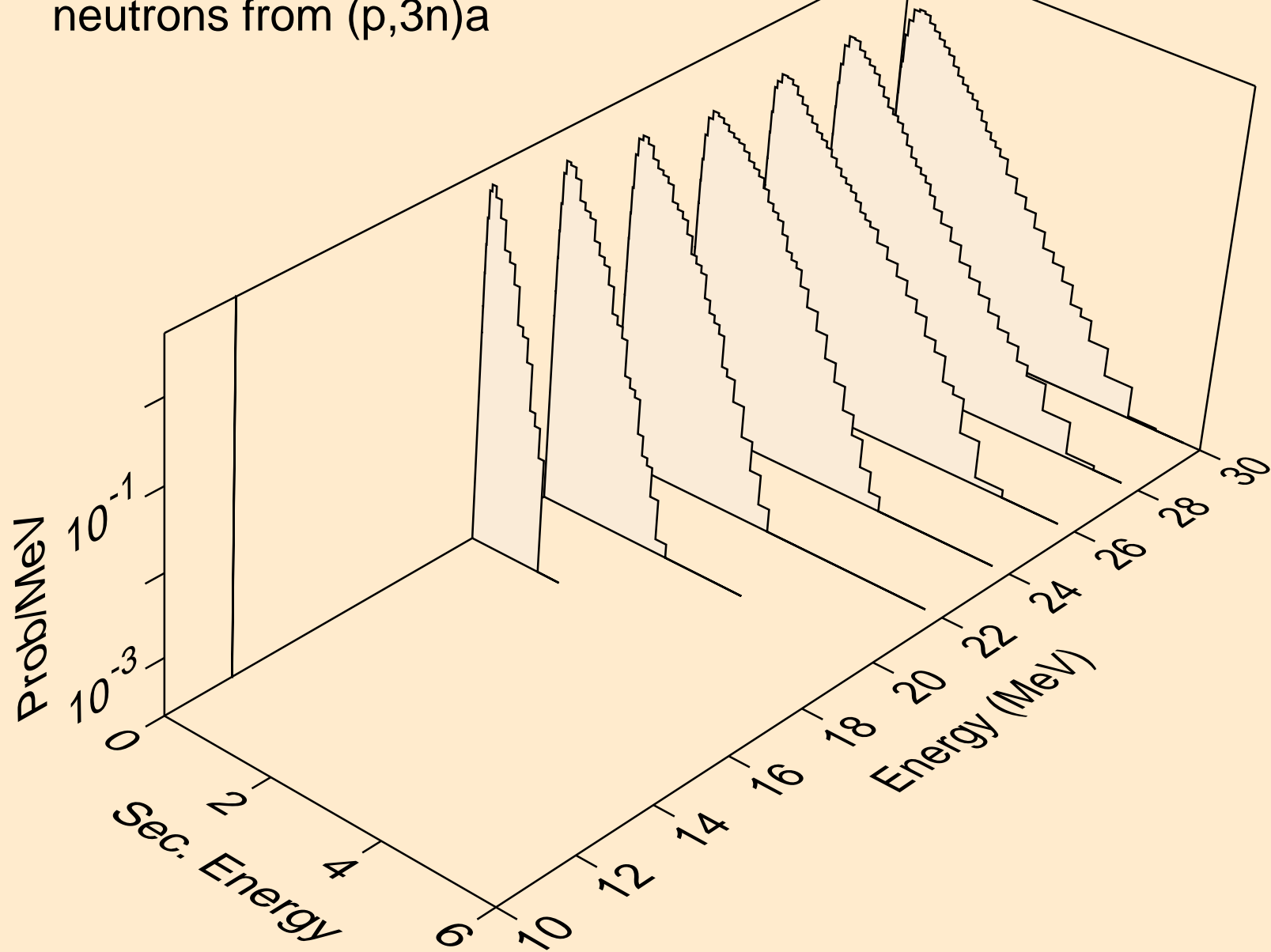
EU154M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)a



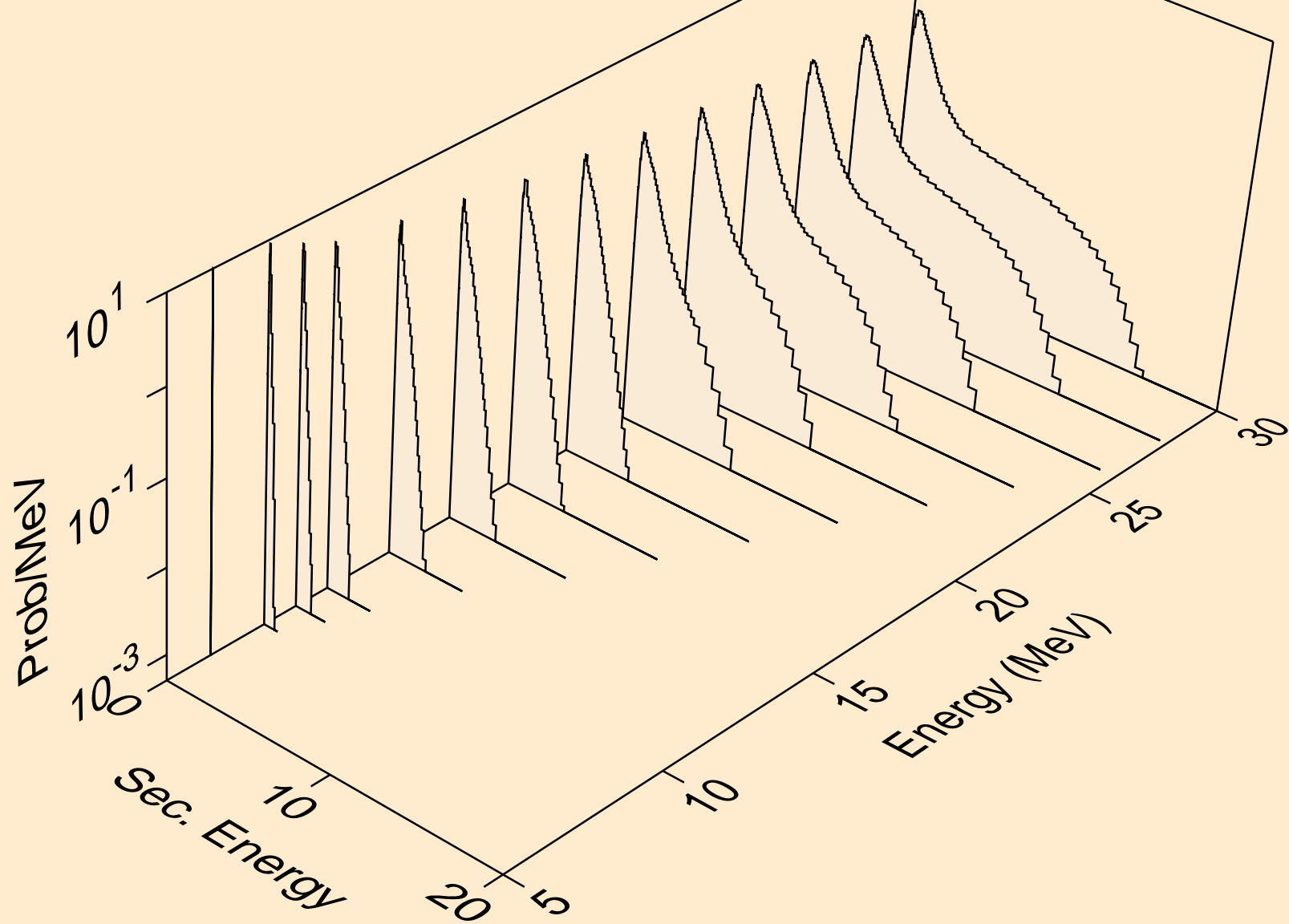
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neutrons from (p,2n)a



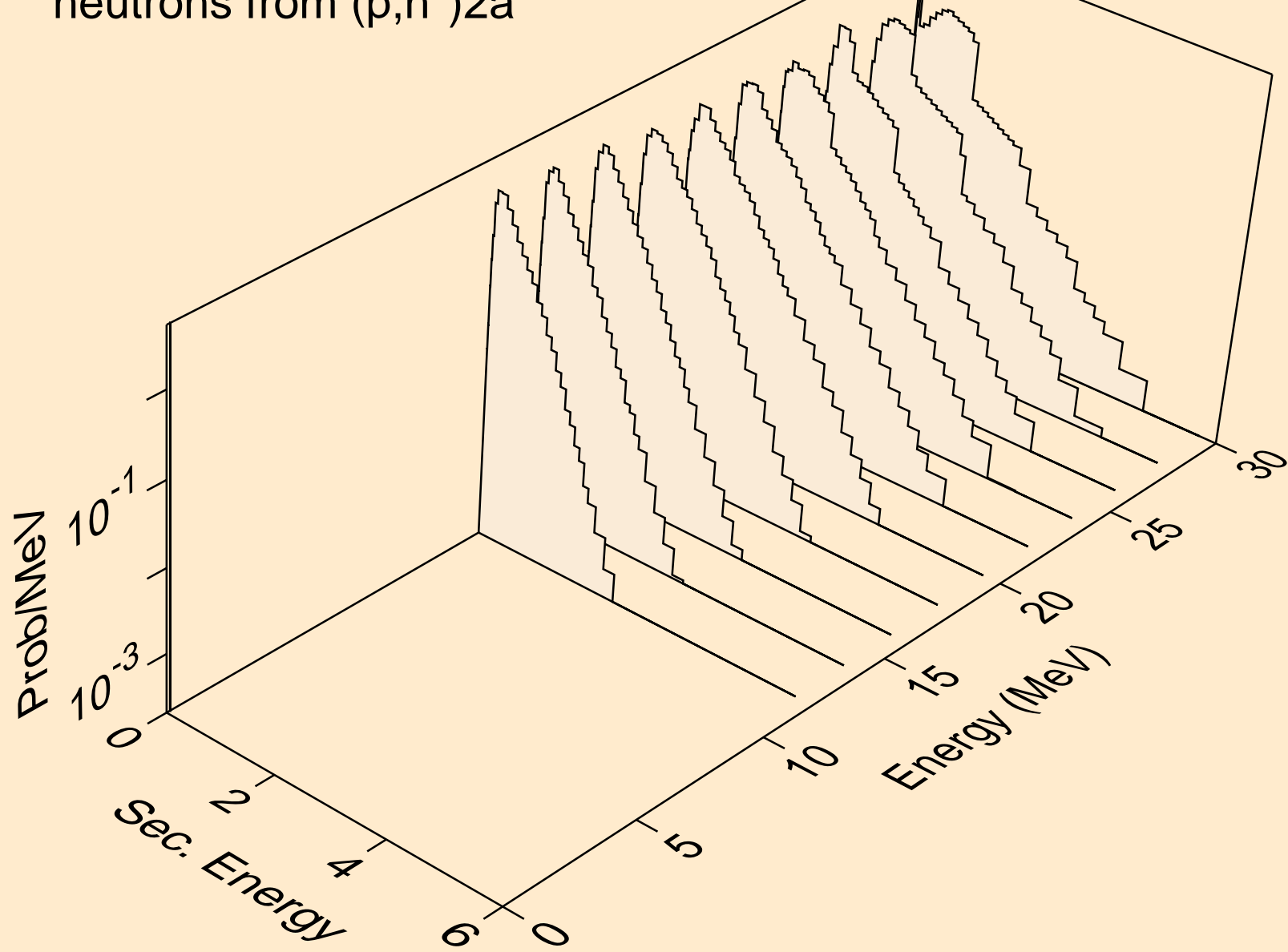
EU154M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,3n)a



EU154M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)p

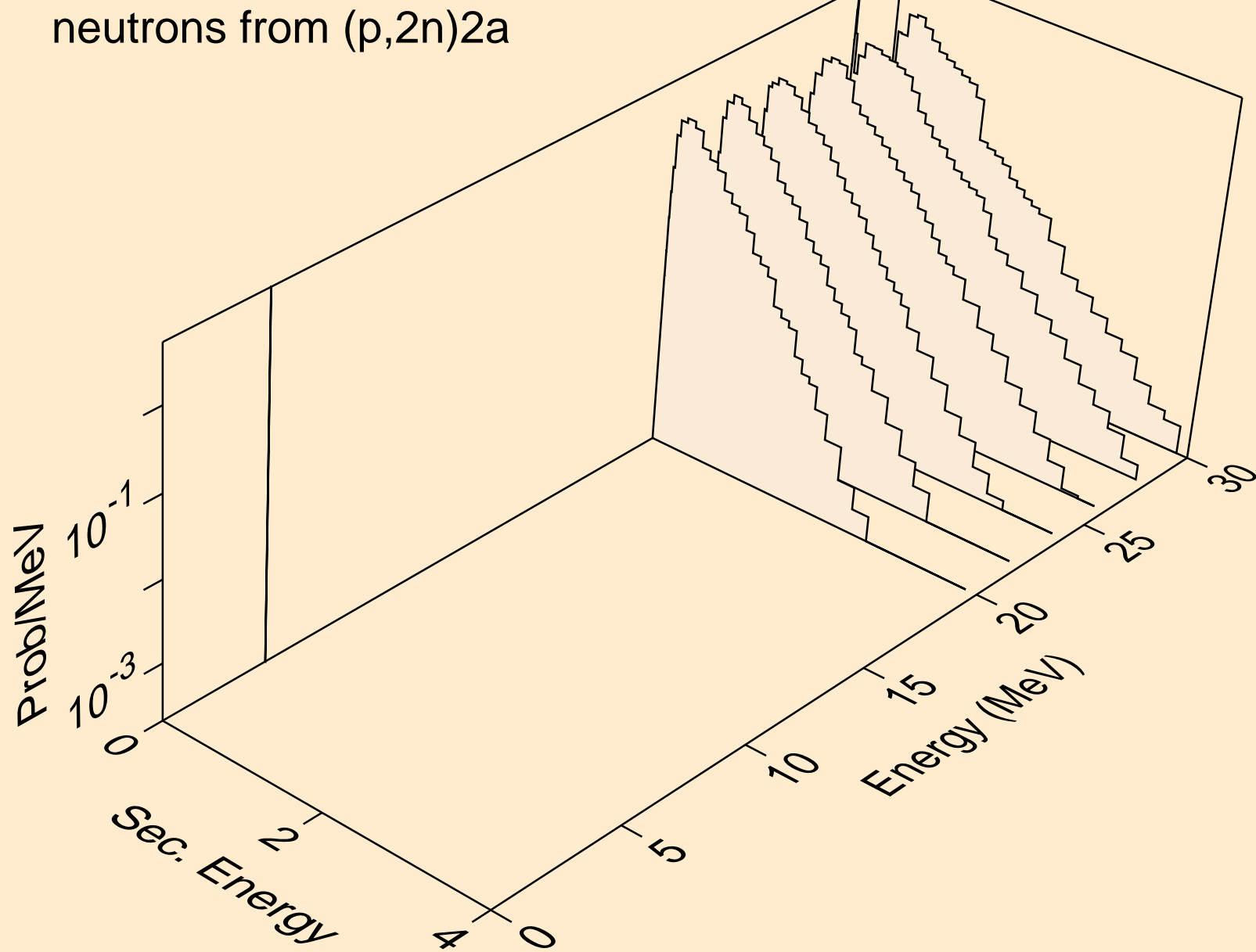


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neutrons from (p,n\*)2a

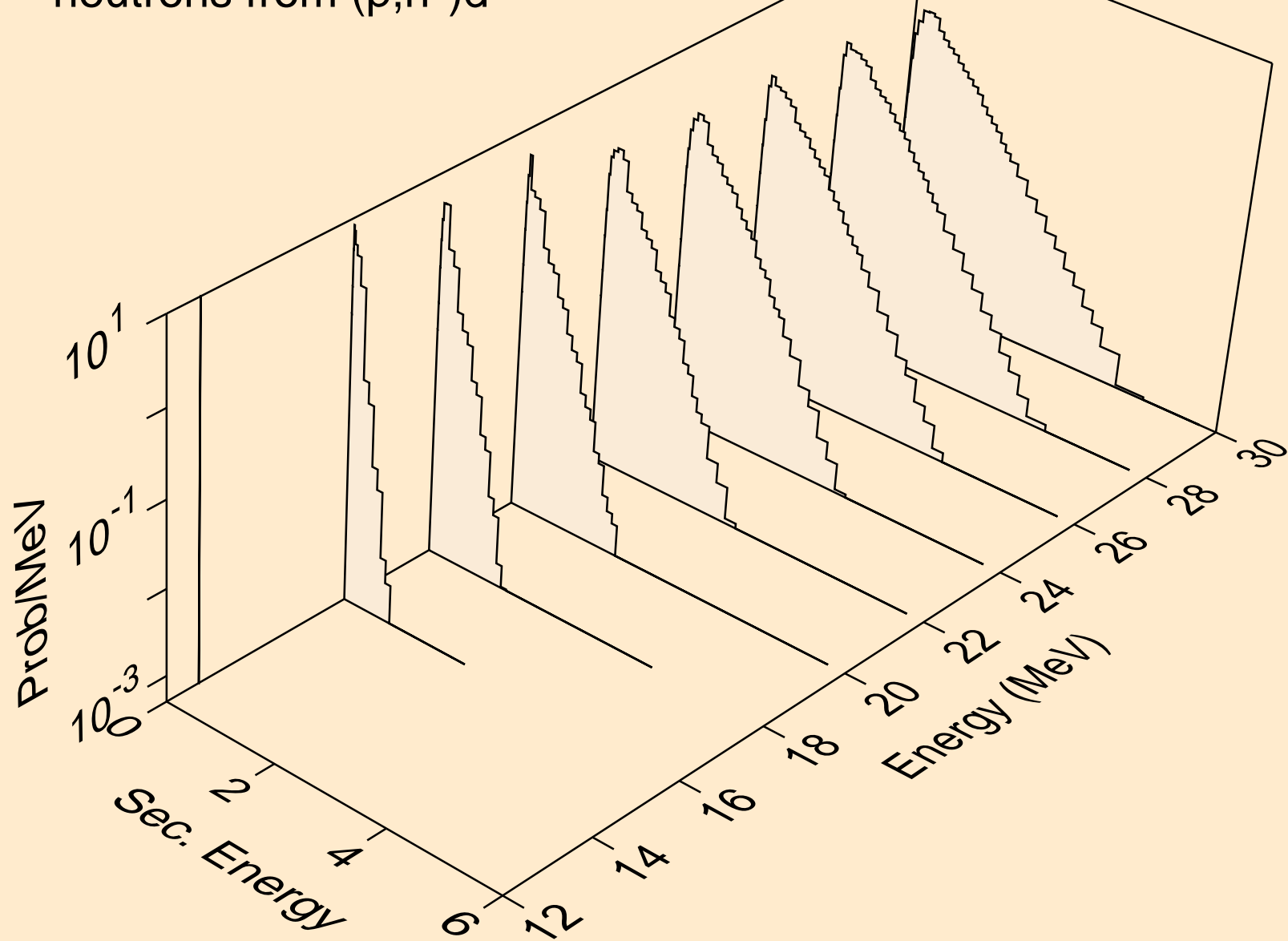




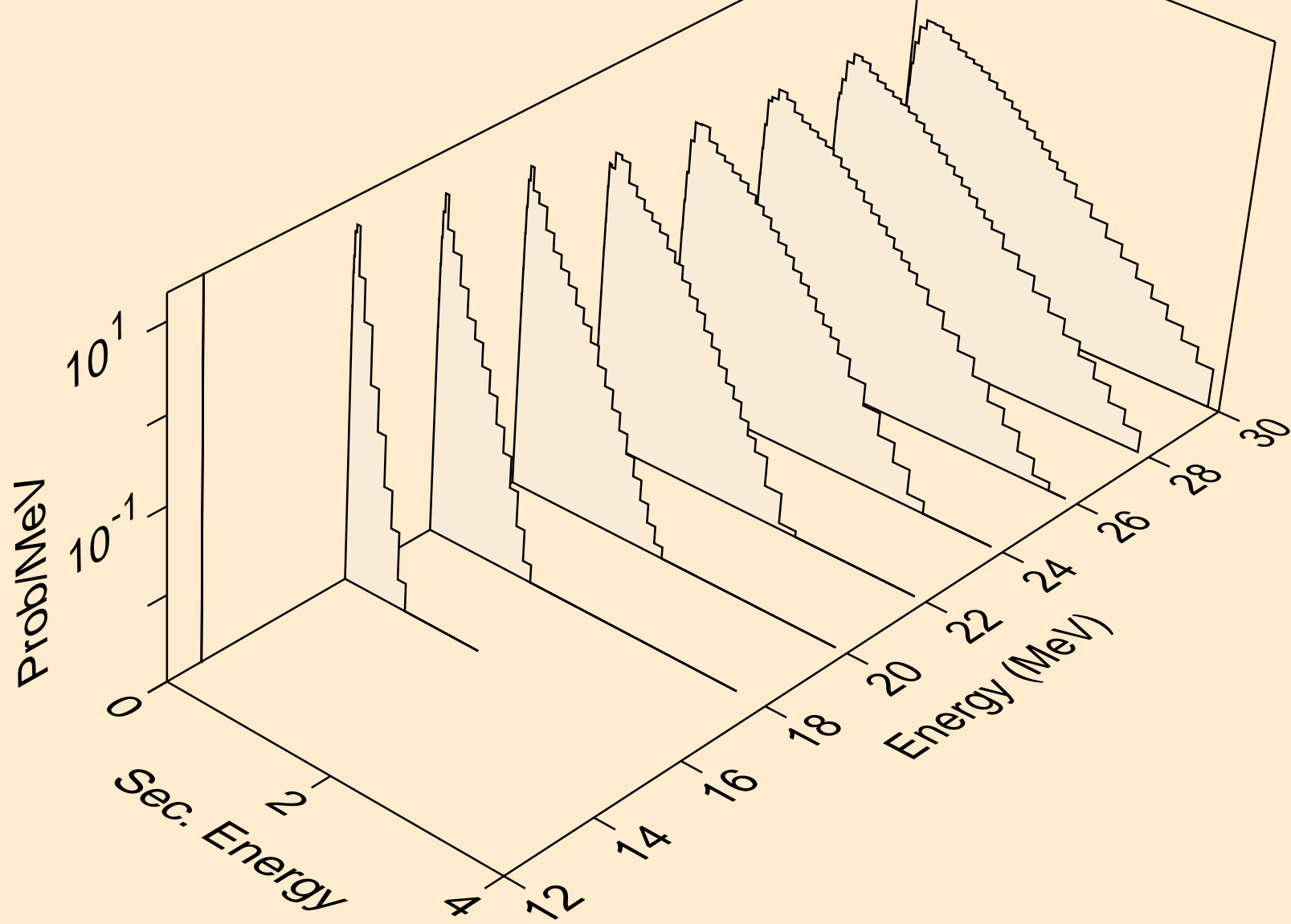
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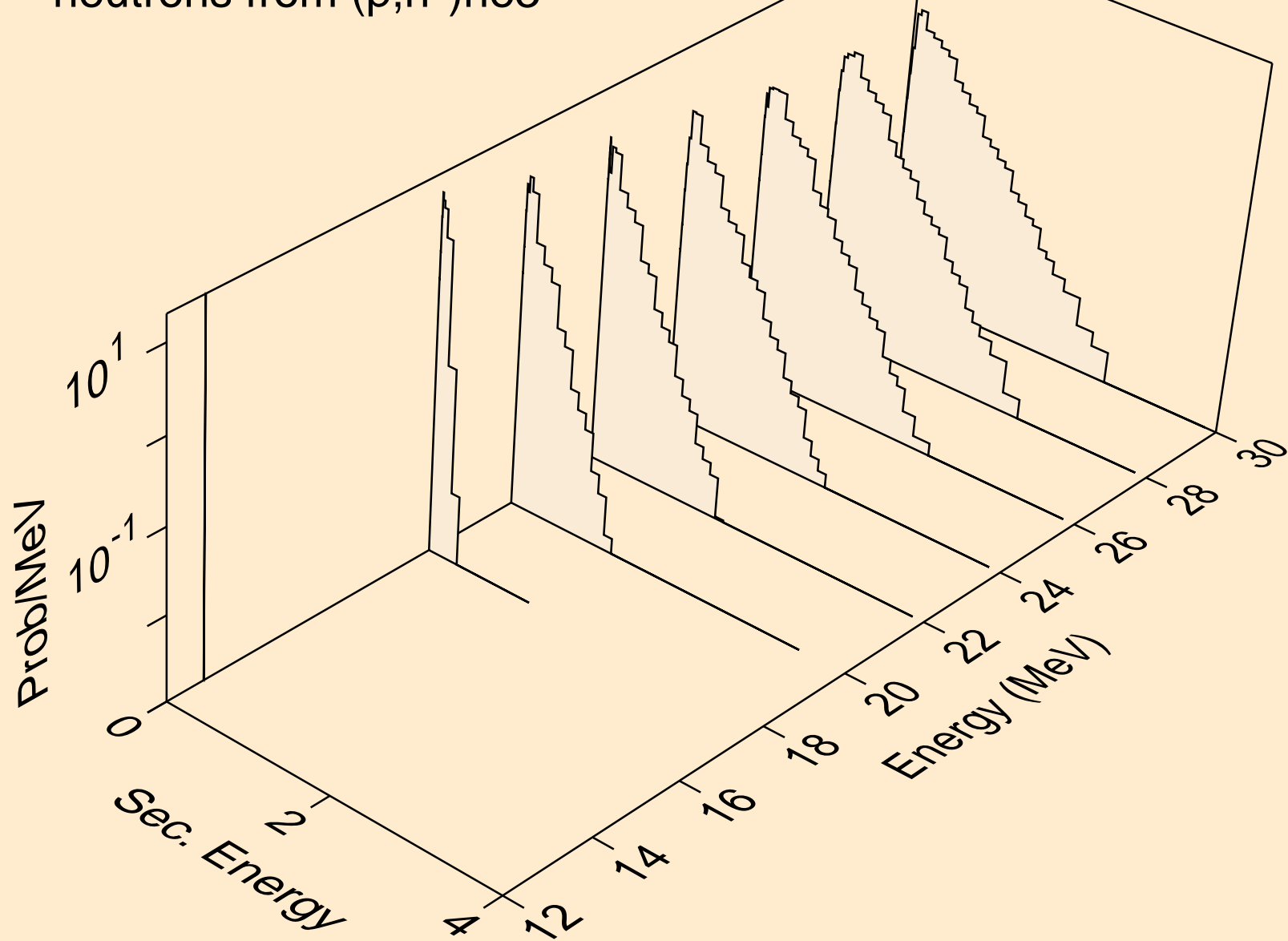
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neutrons from (p,n\*)d



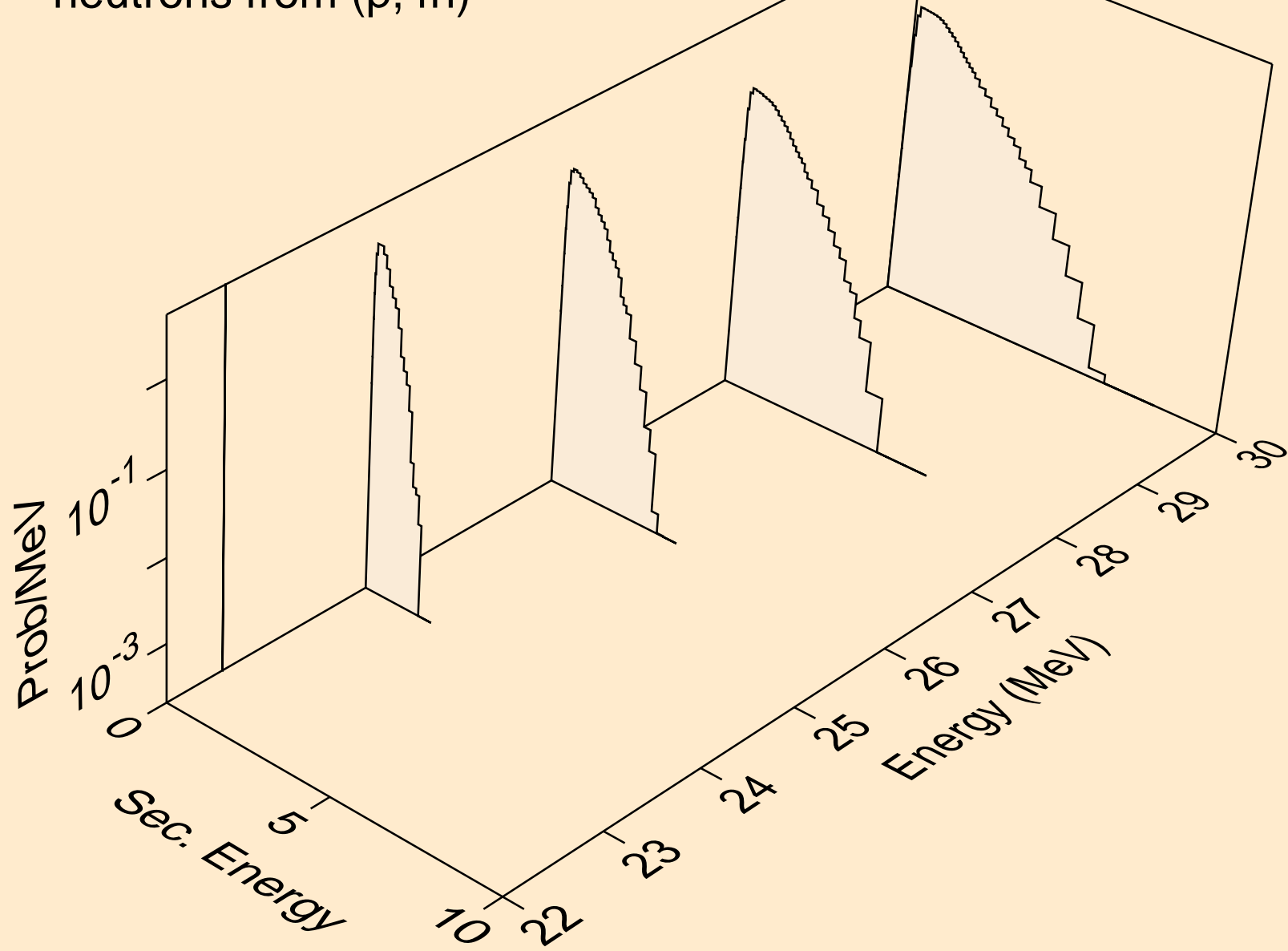
EU154M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)t



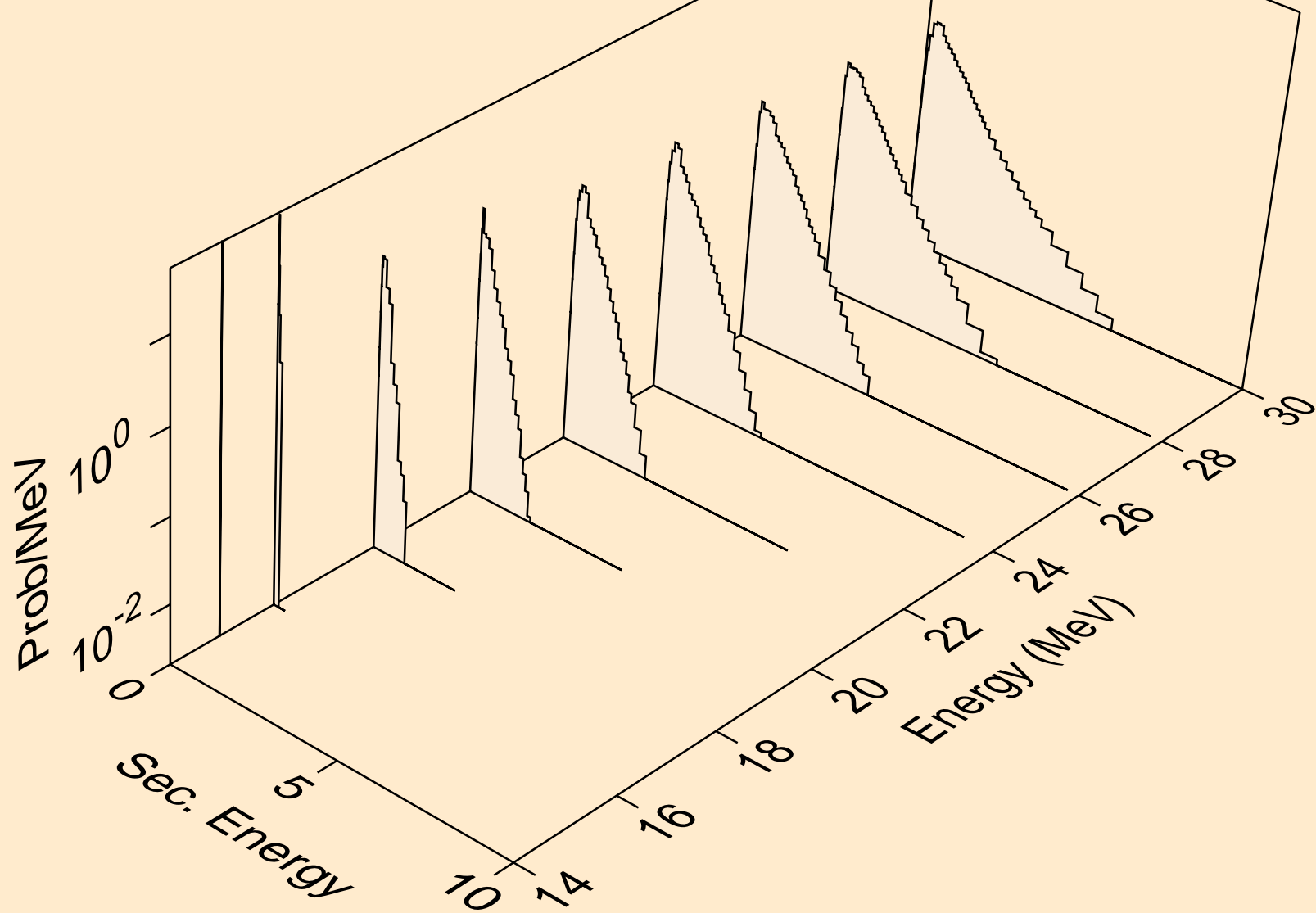
EU154M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



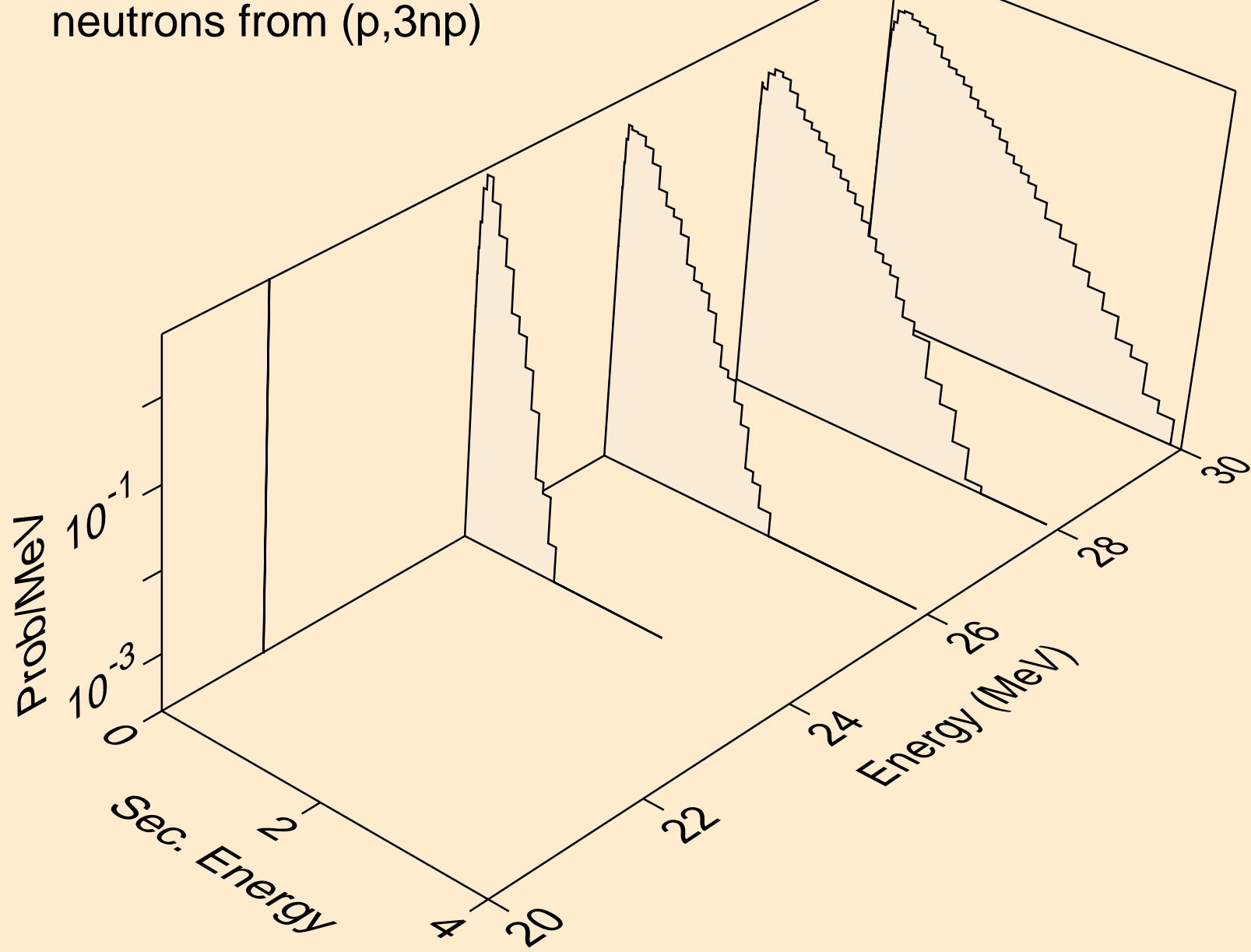
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neutrons from (p,4n)



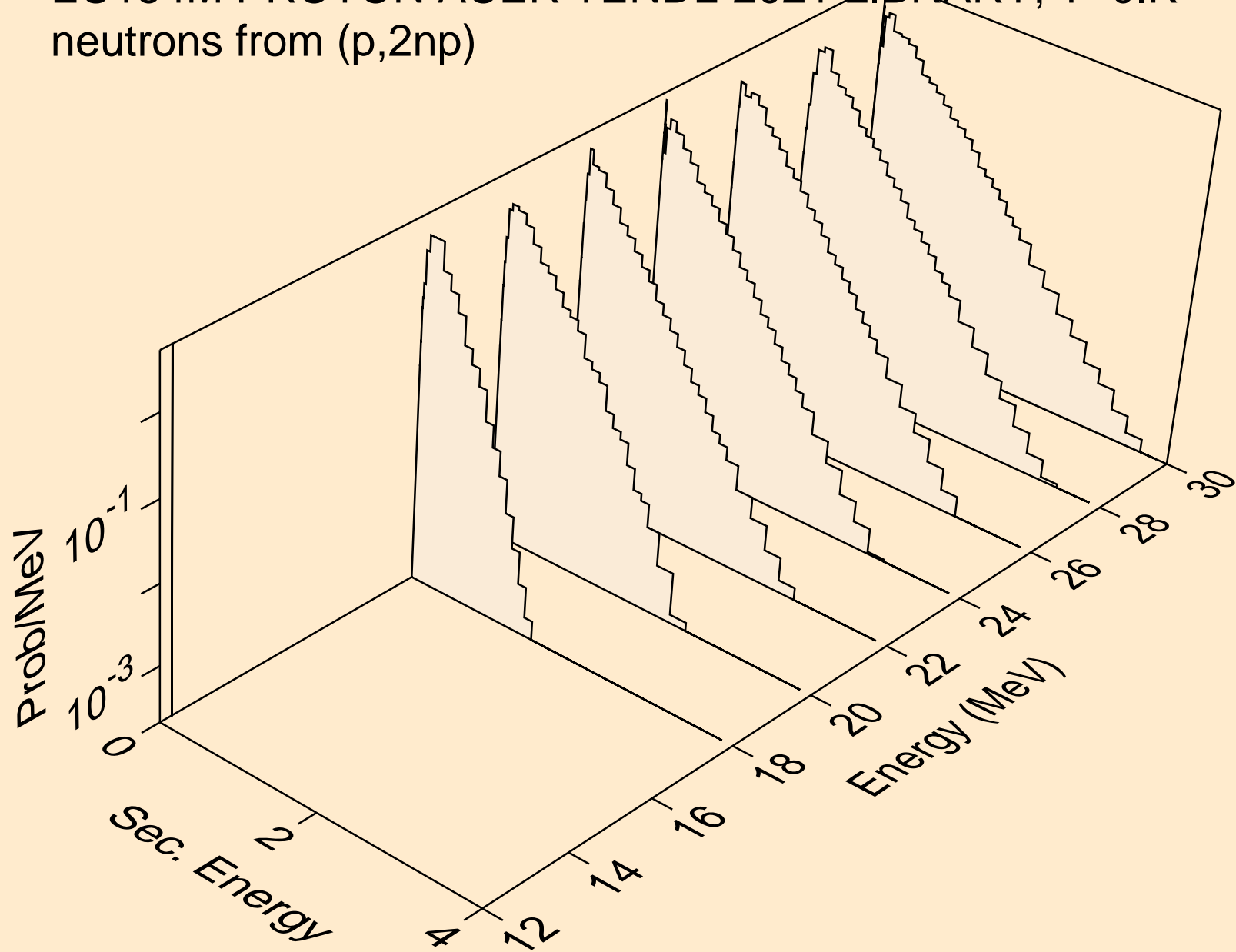
EU154M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2np)



EU154M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,3np)

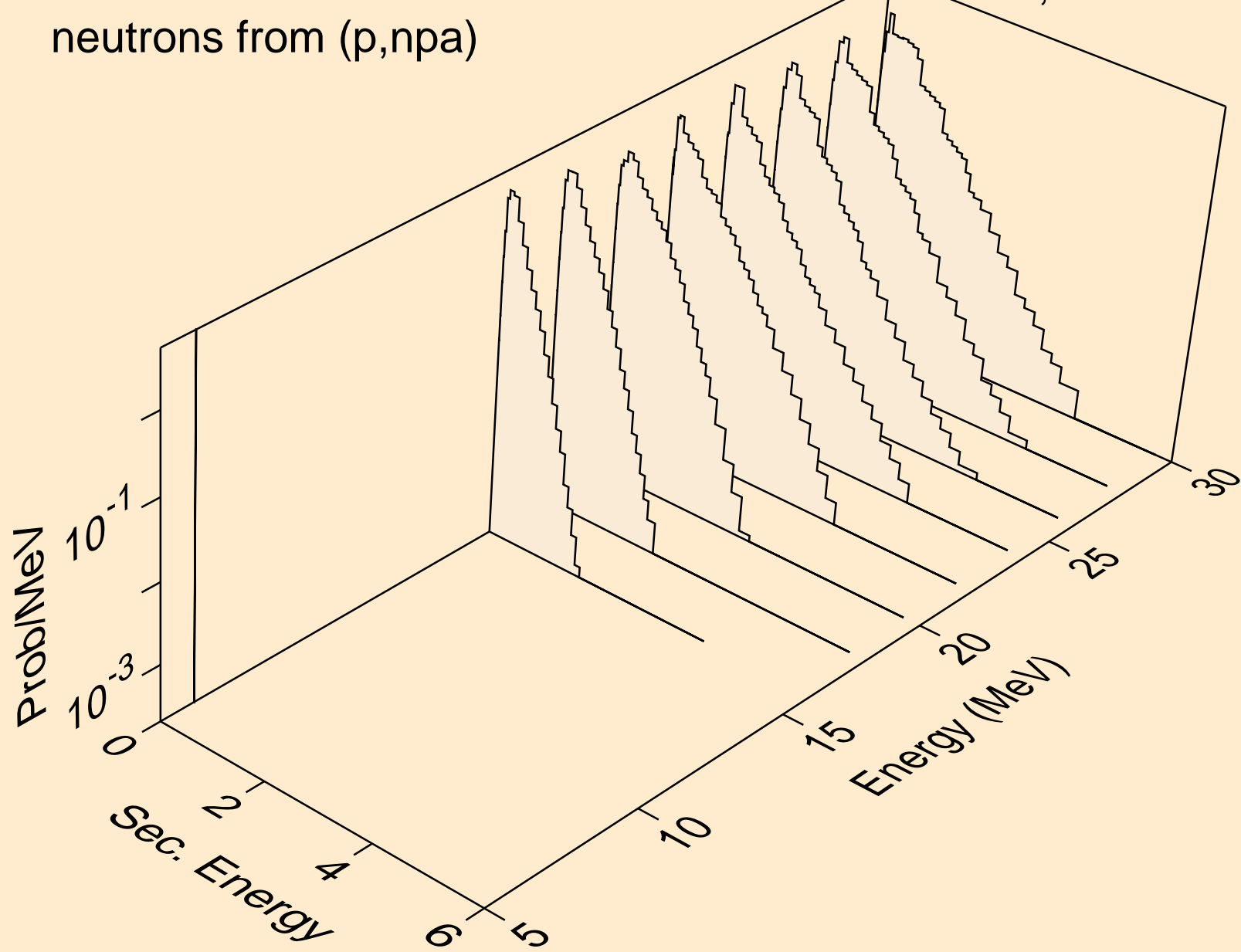


EU154M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2np)

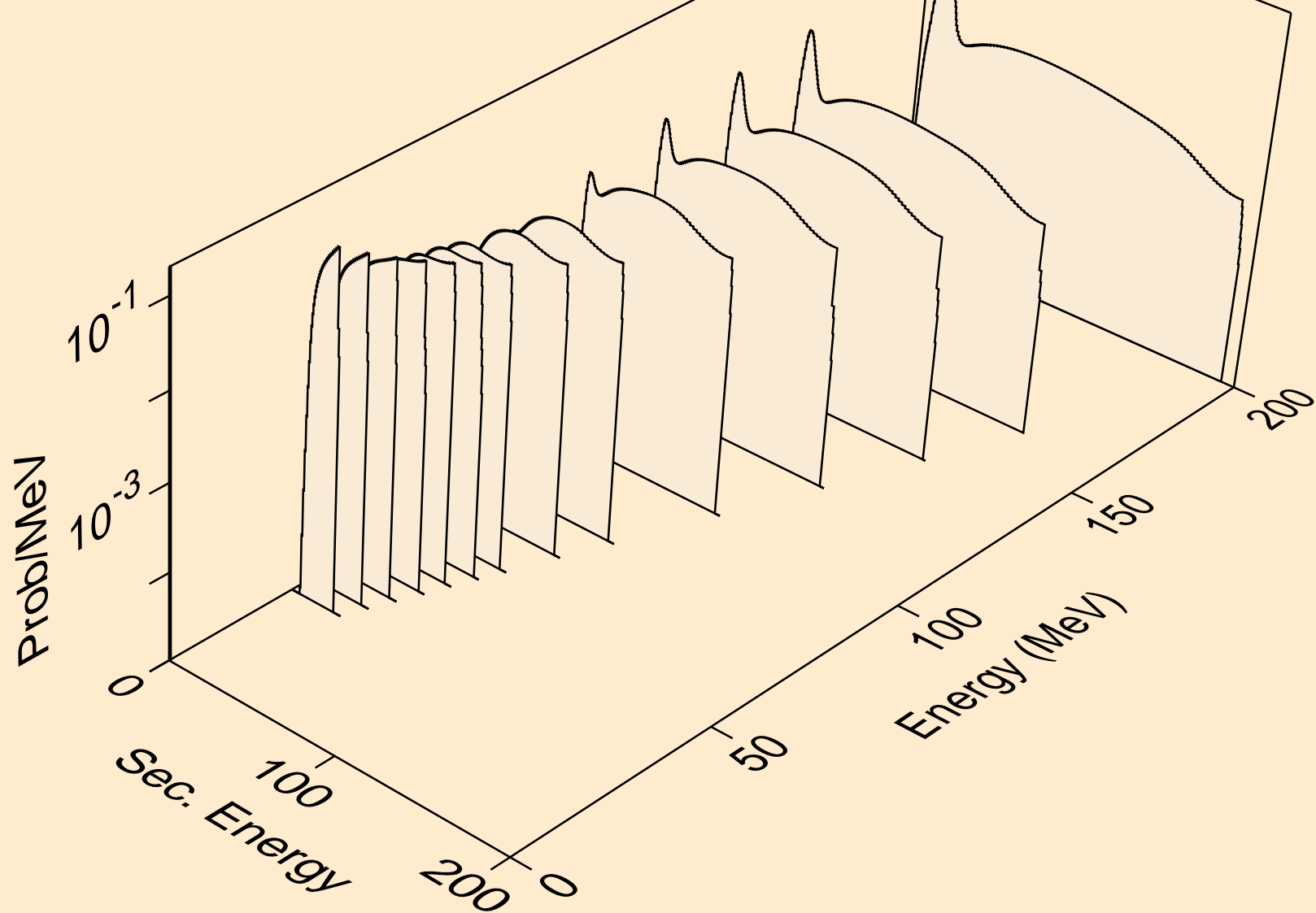




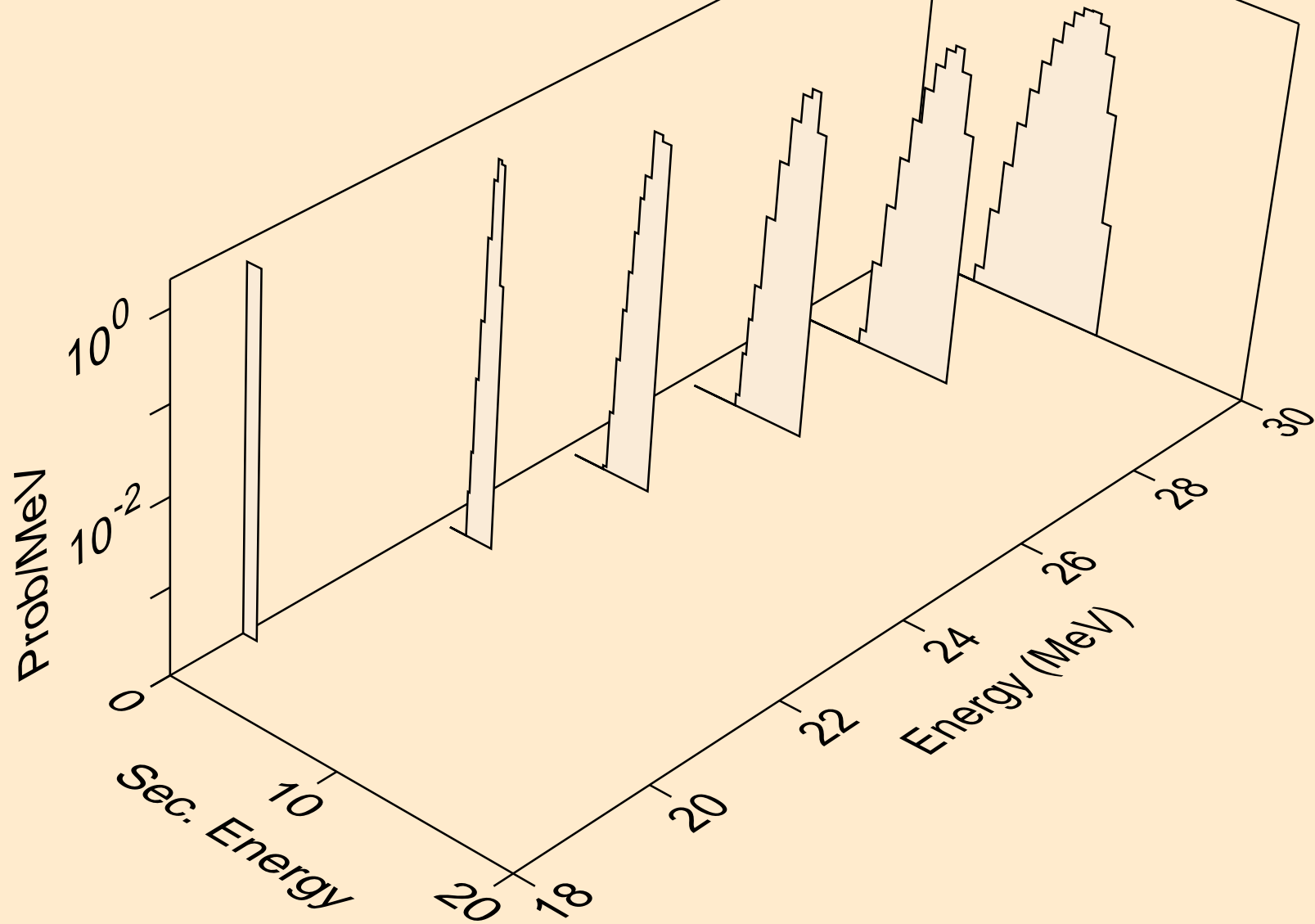
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neutrons from (p,npa)



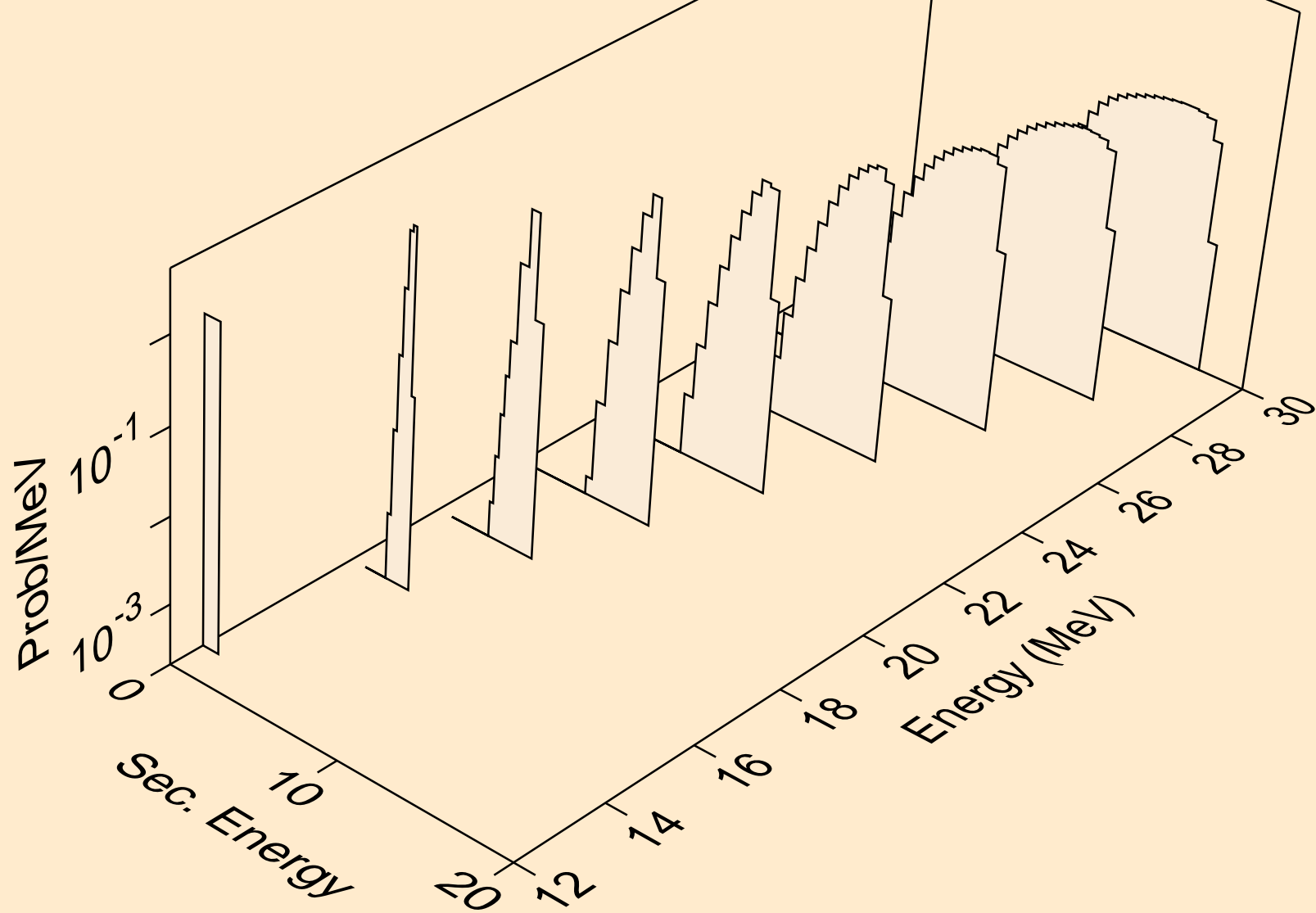
EU154M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,x)



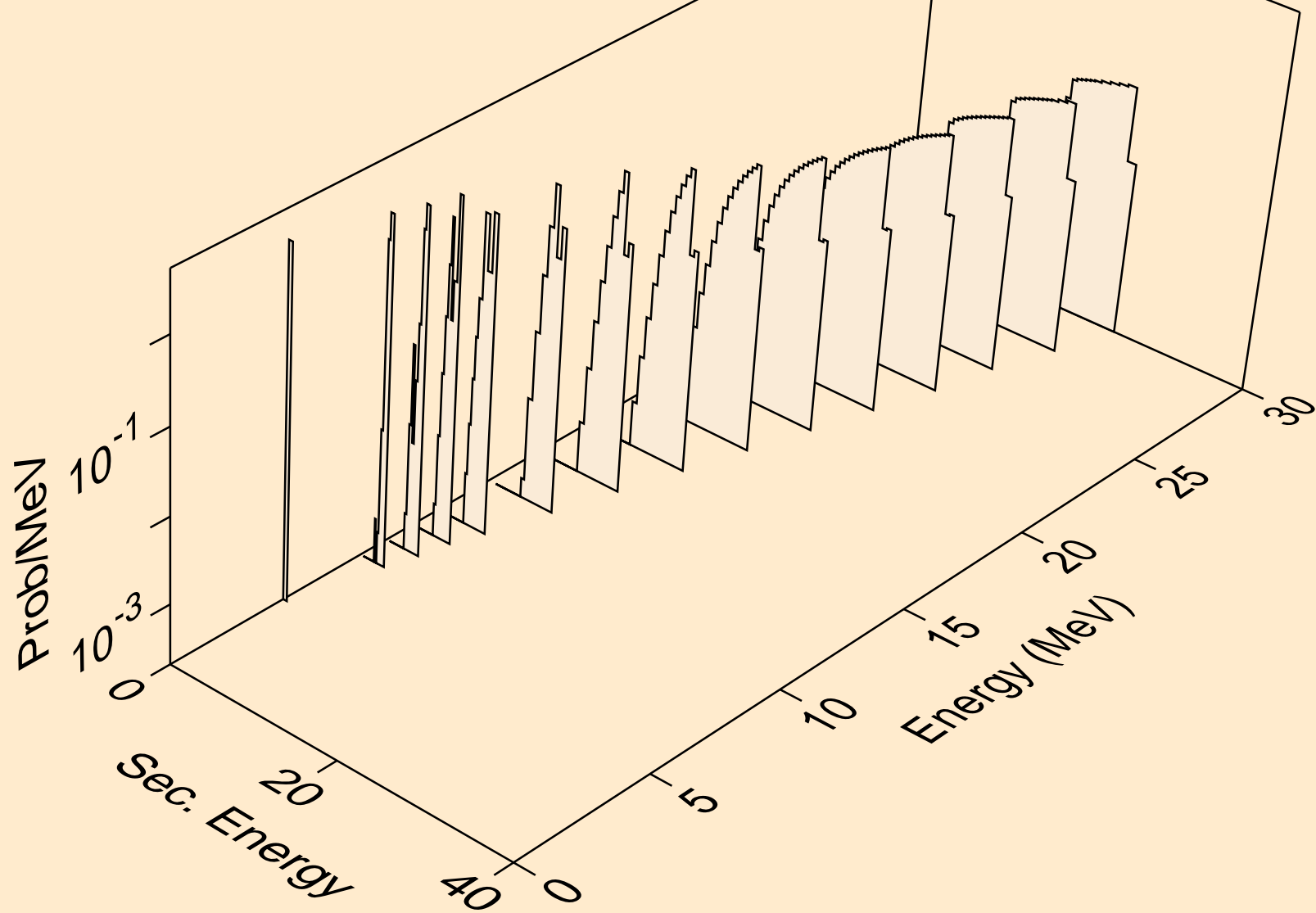
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deuterons from (p,2nd)



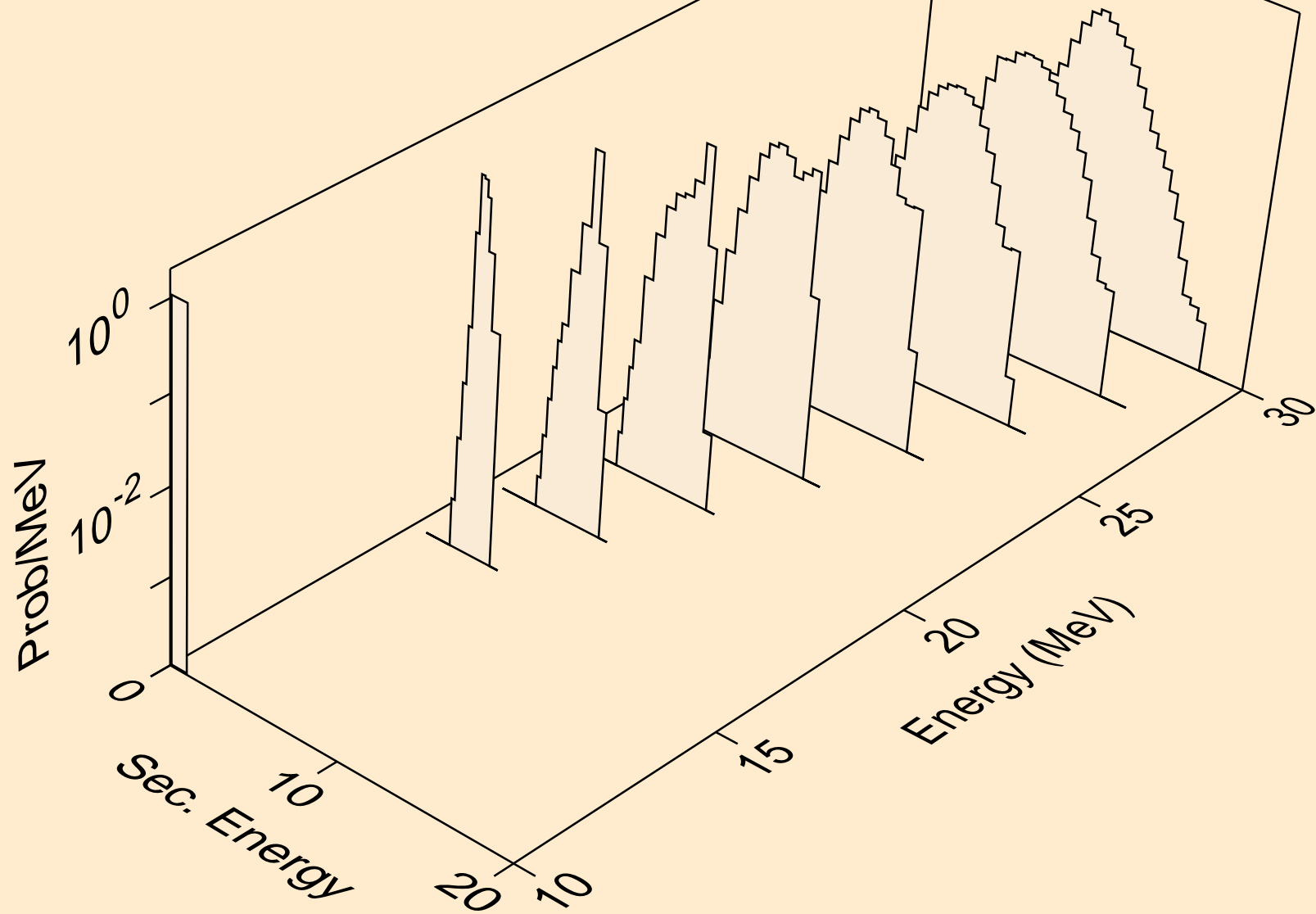
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deuterons from (p,n\*)d



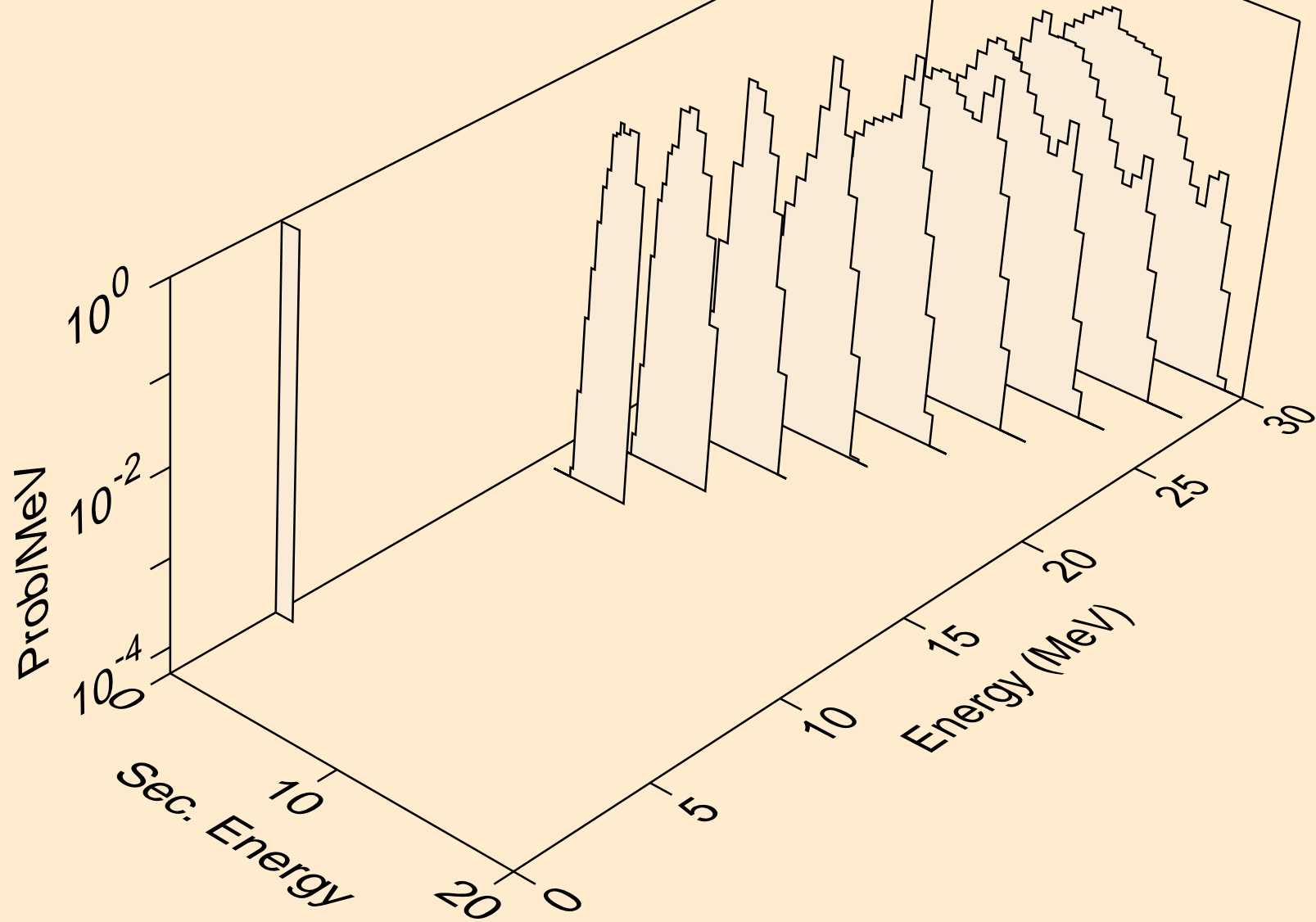
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deuterons from (p,d)



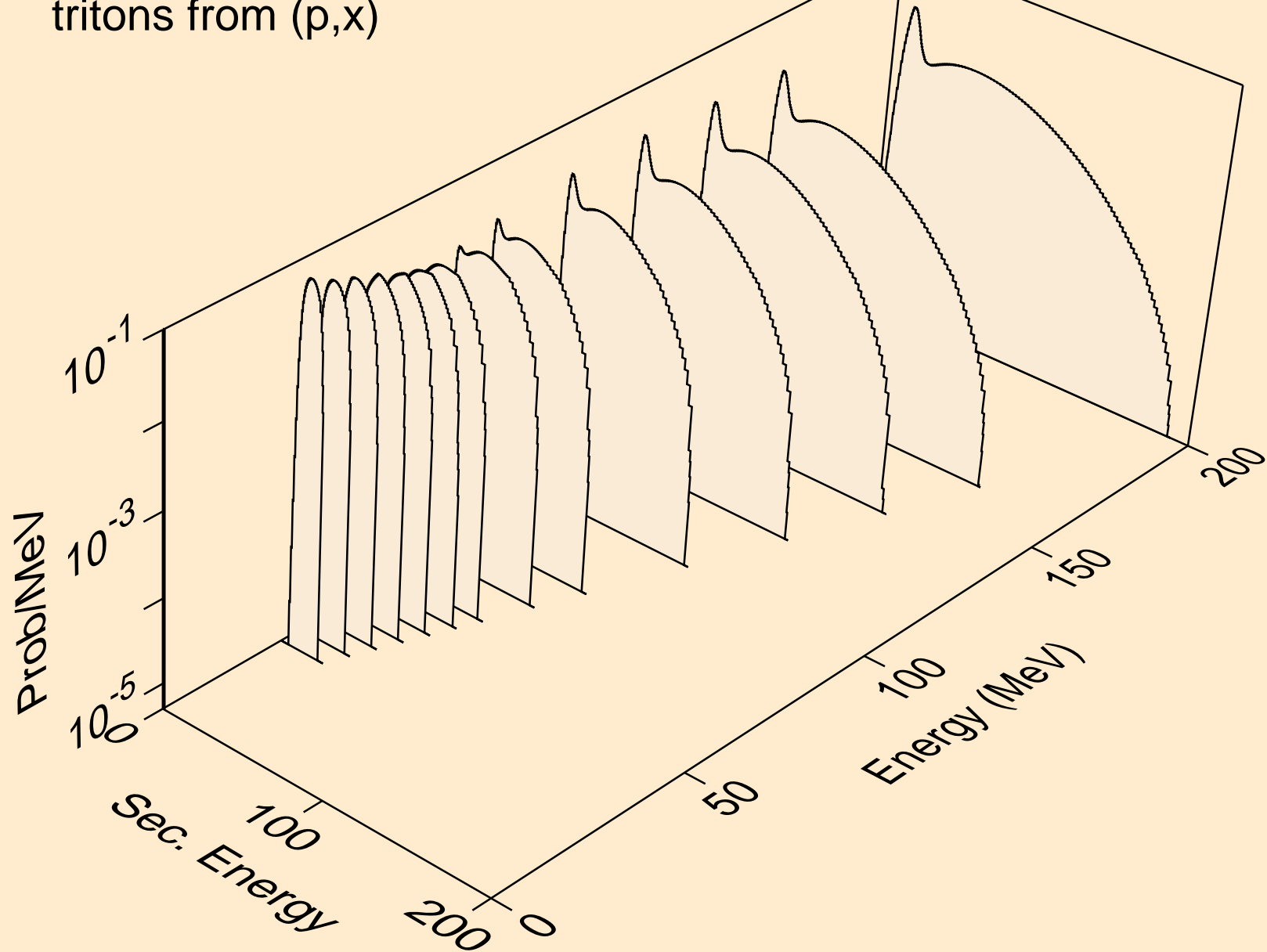
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deuterons from (p,pd)



EU154M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,da)

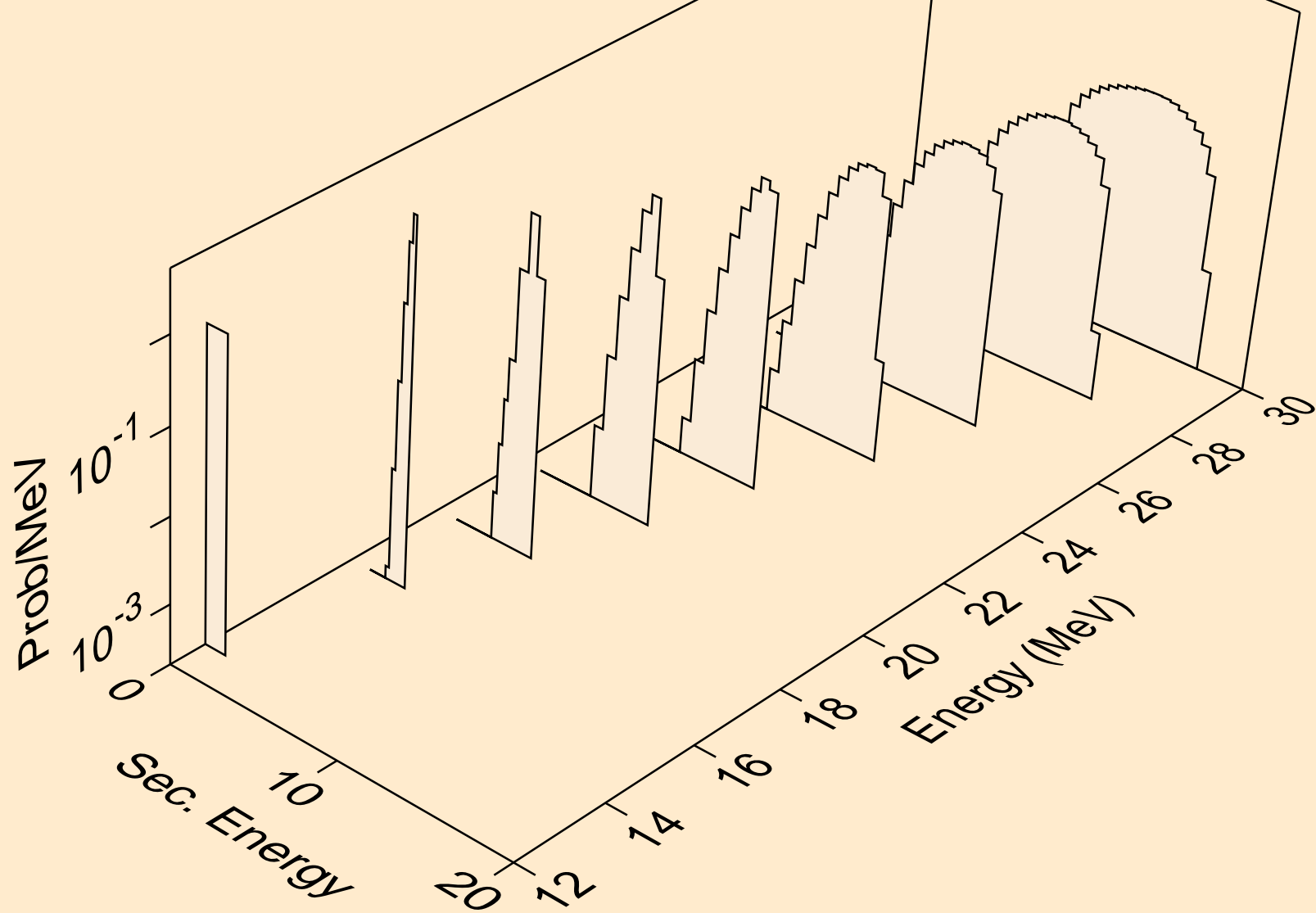


EU154M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,x)

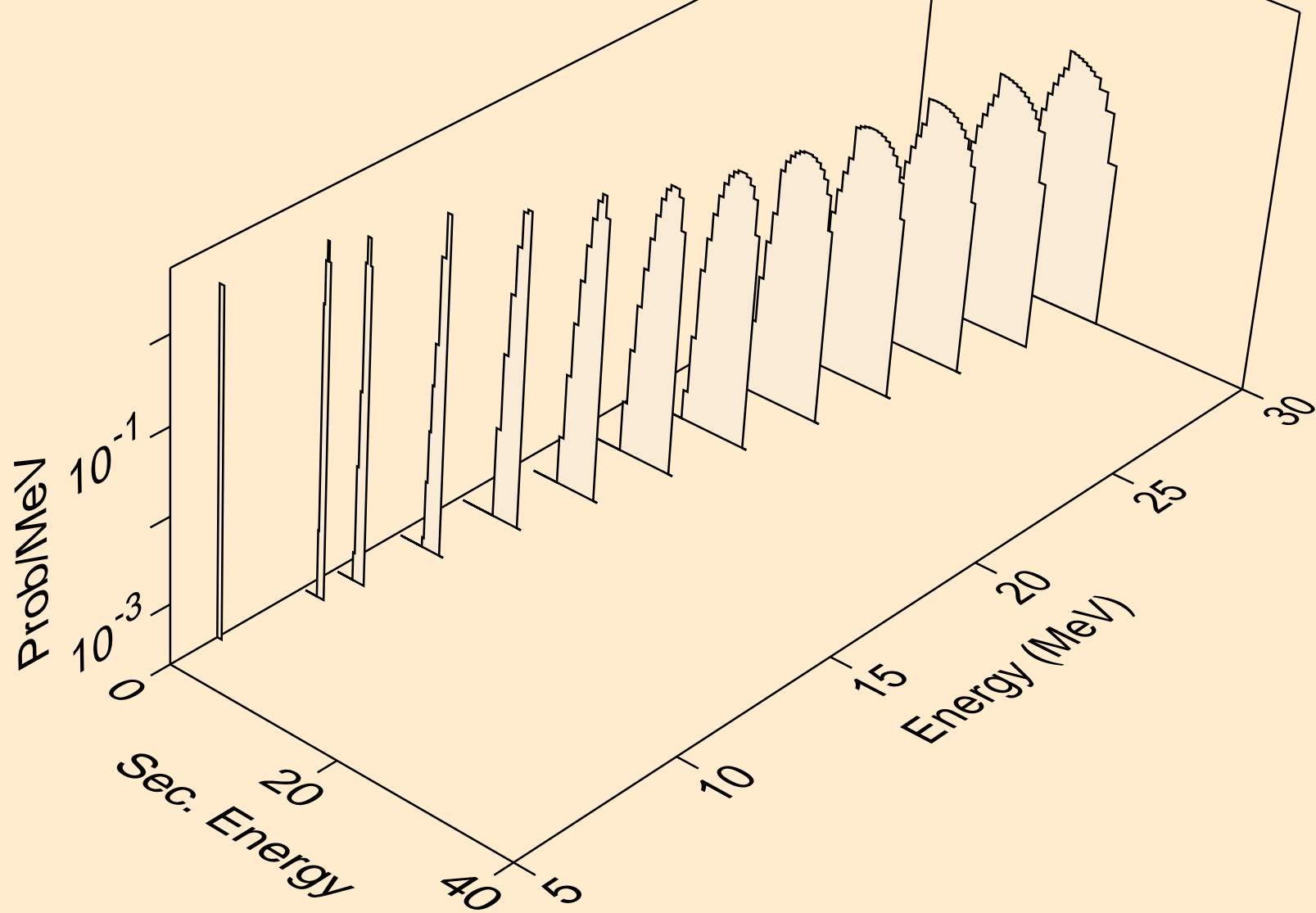




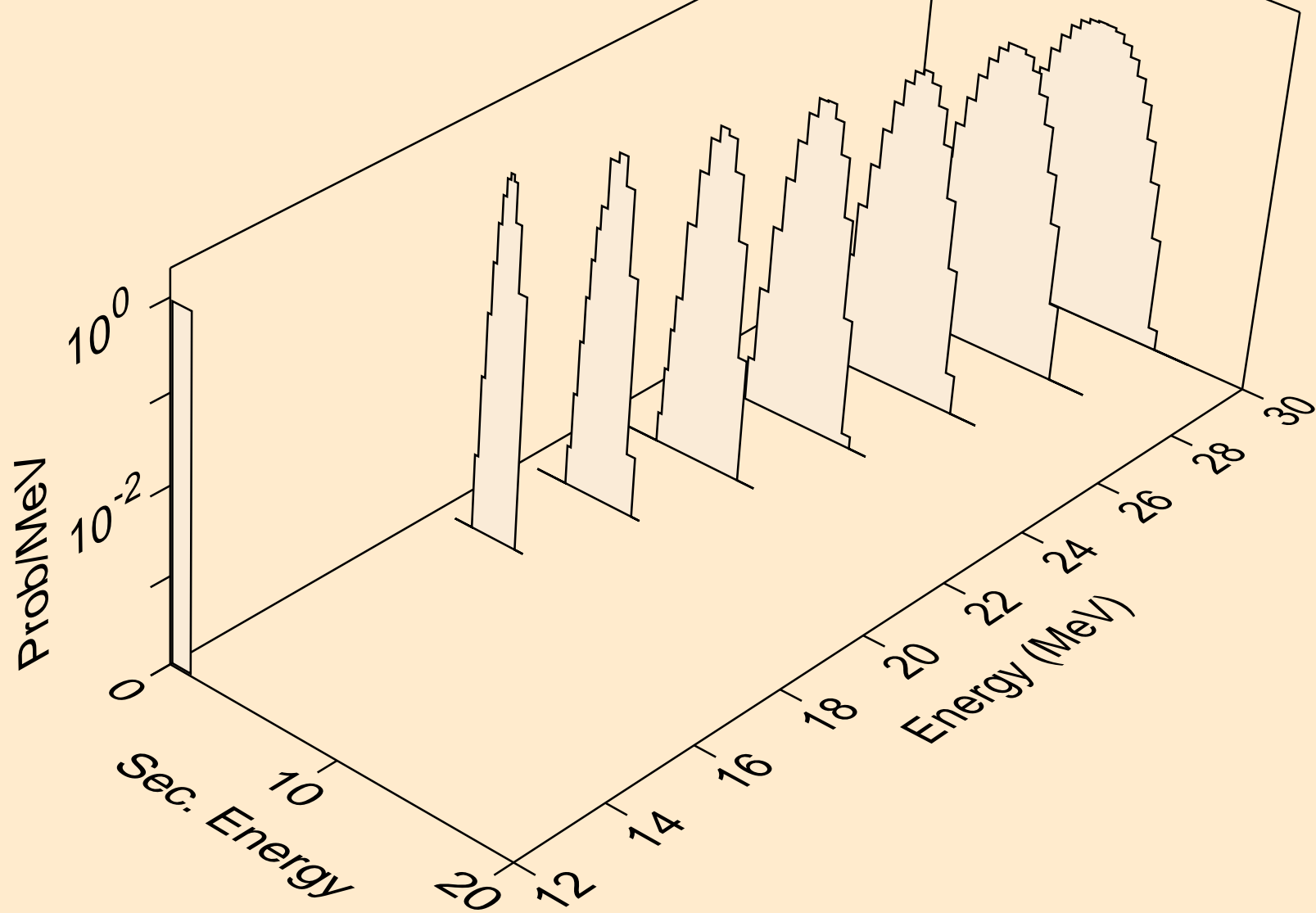
EU154M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,n\*)t



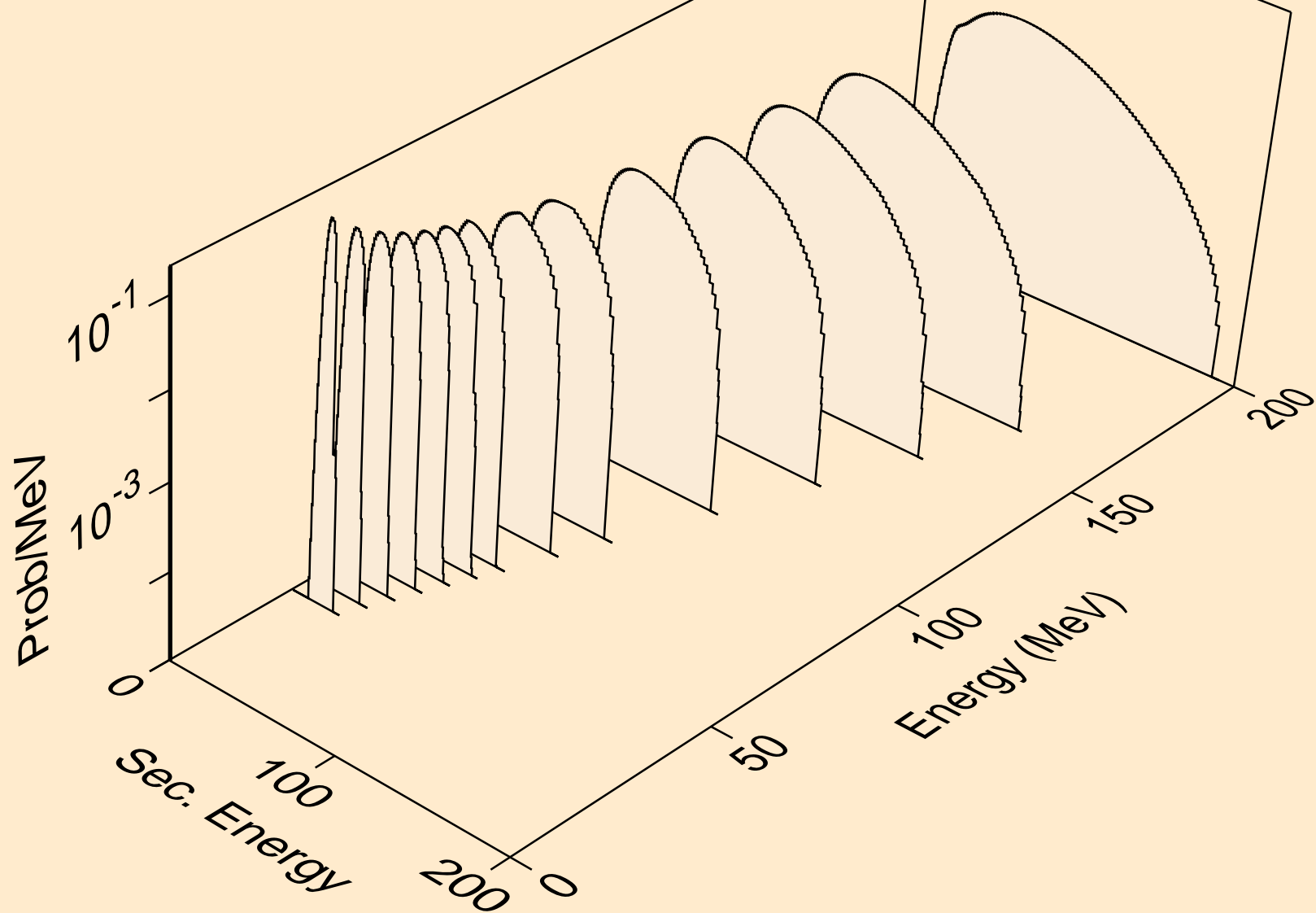
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tritons from (p,t)



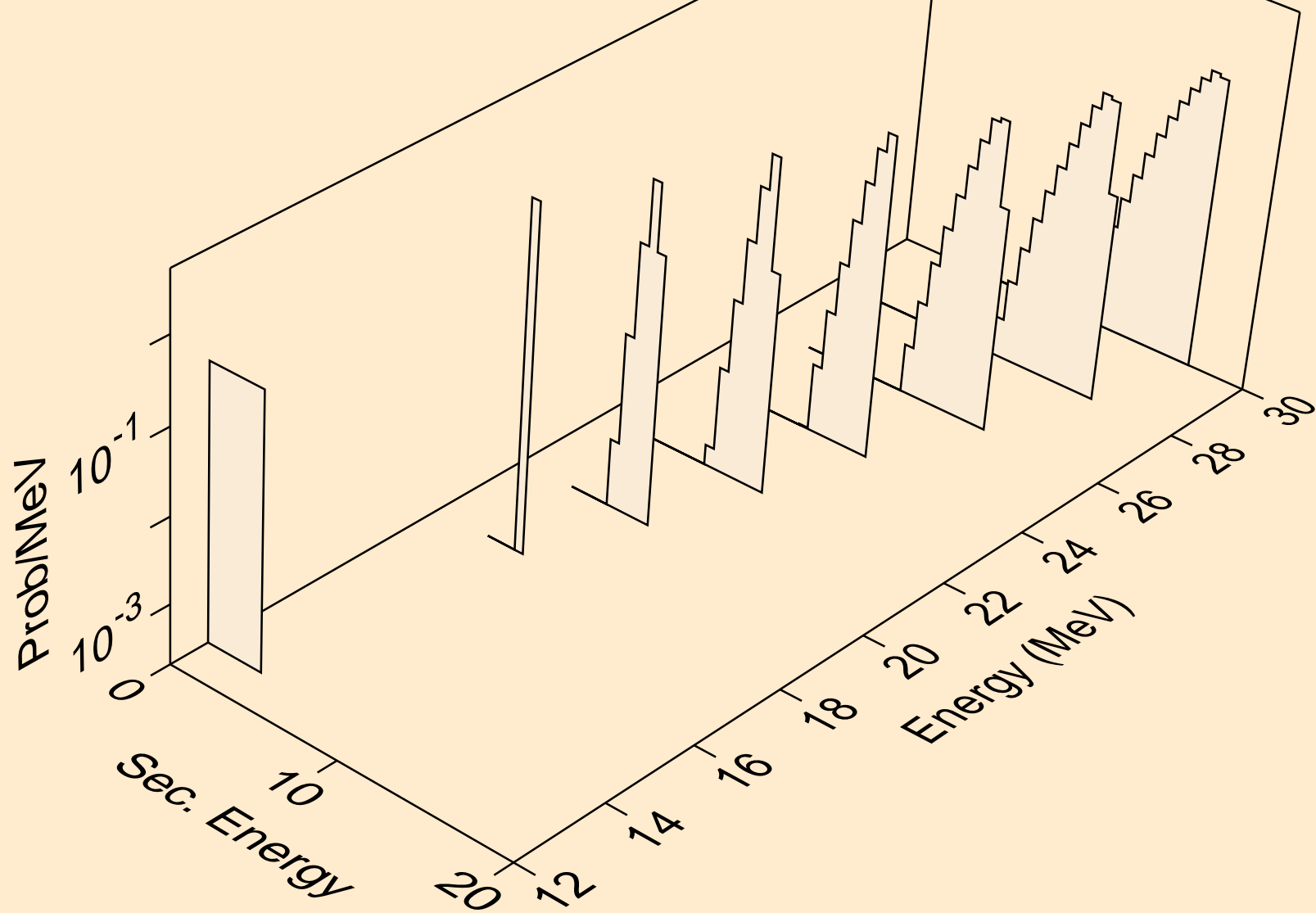
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tritons from (p,pt)



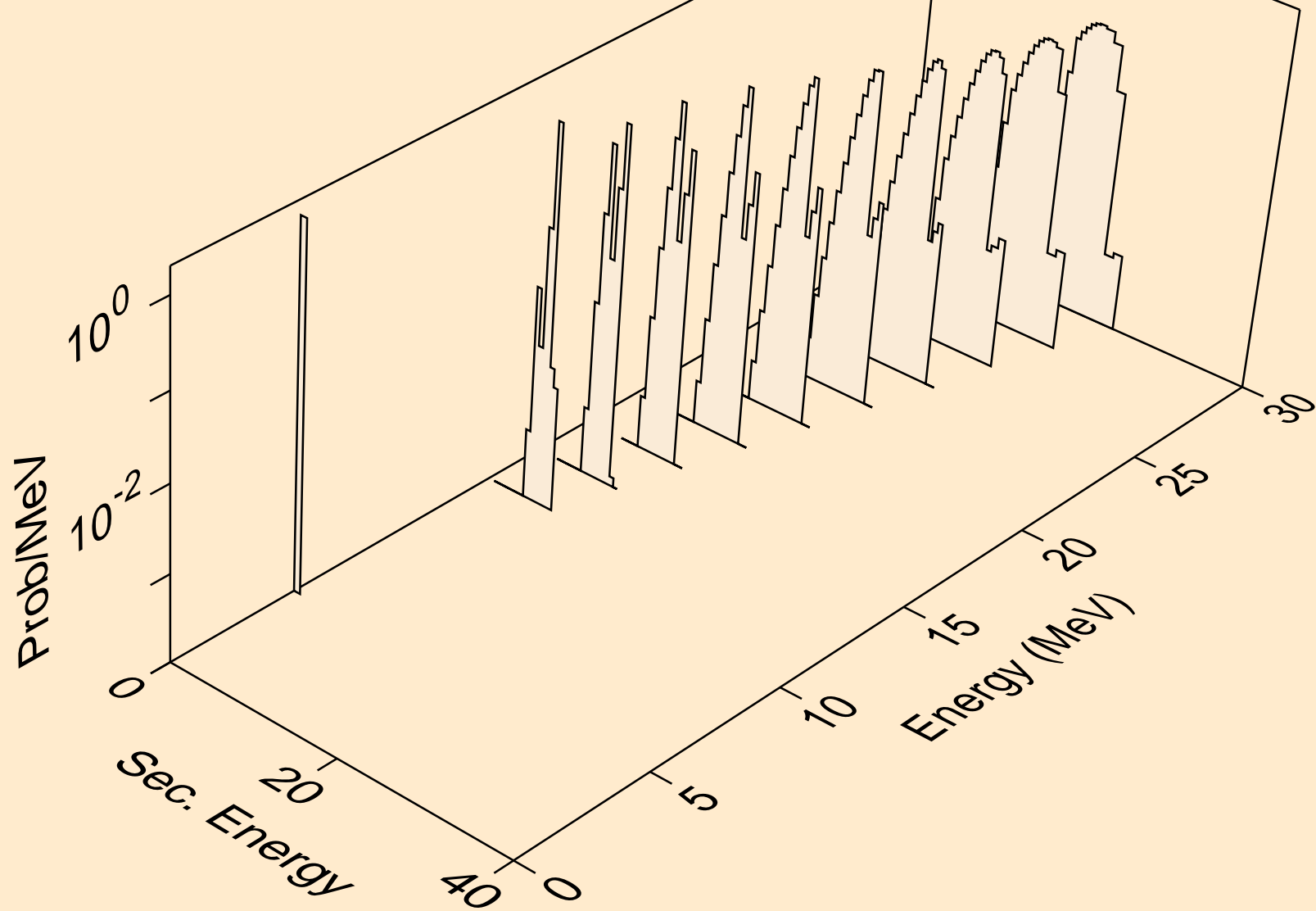
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he3s from (p,x)



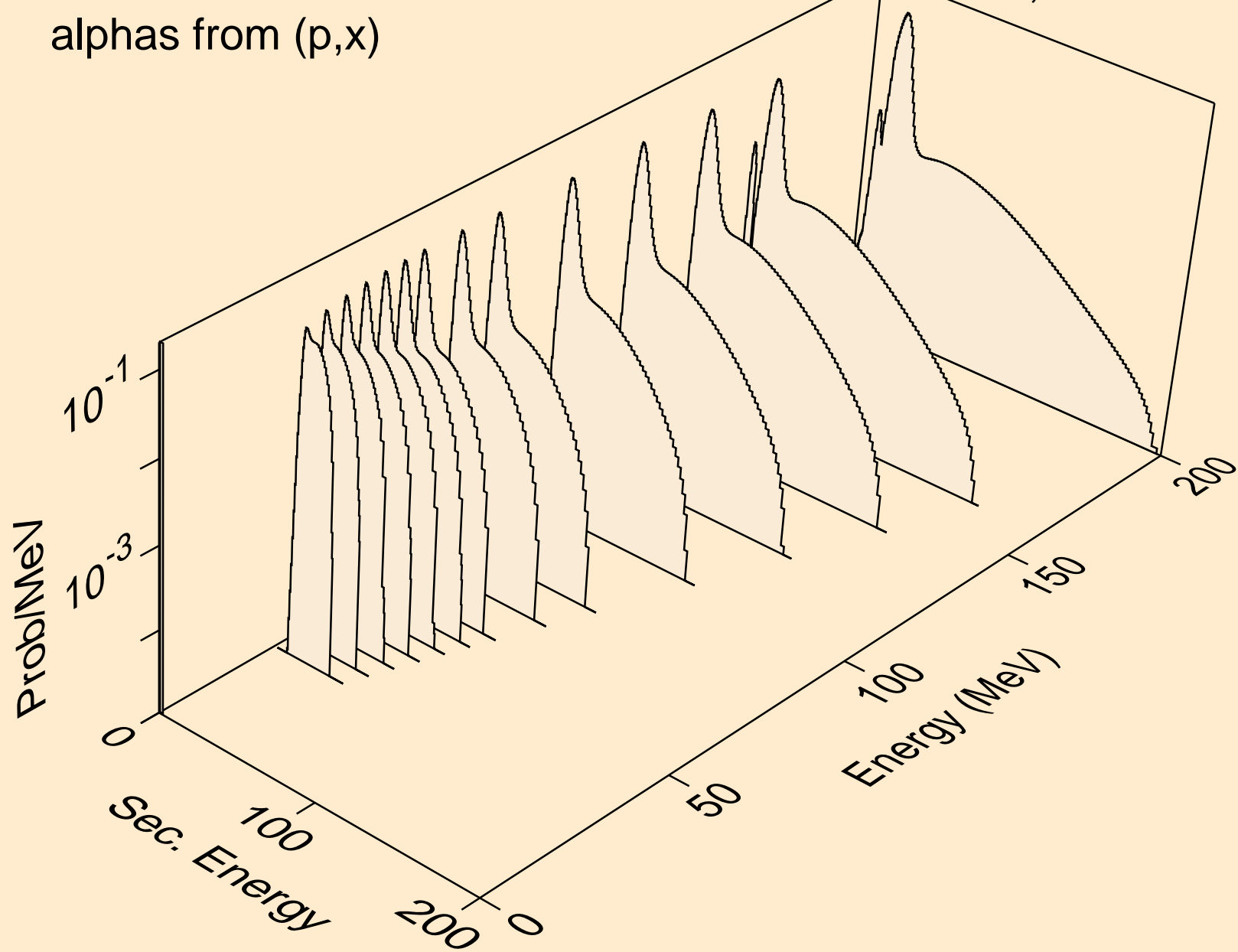
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he3s from (p,n\*)he3



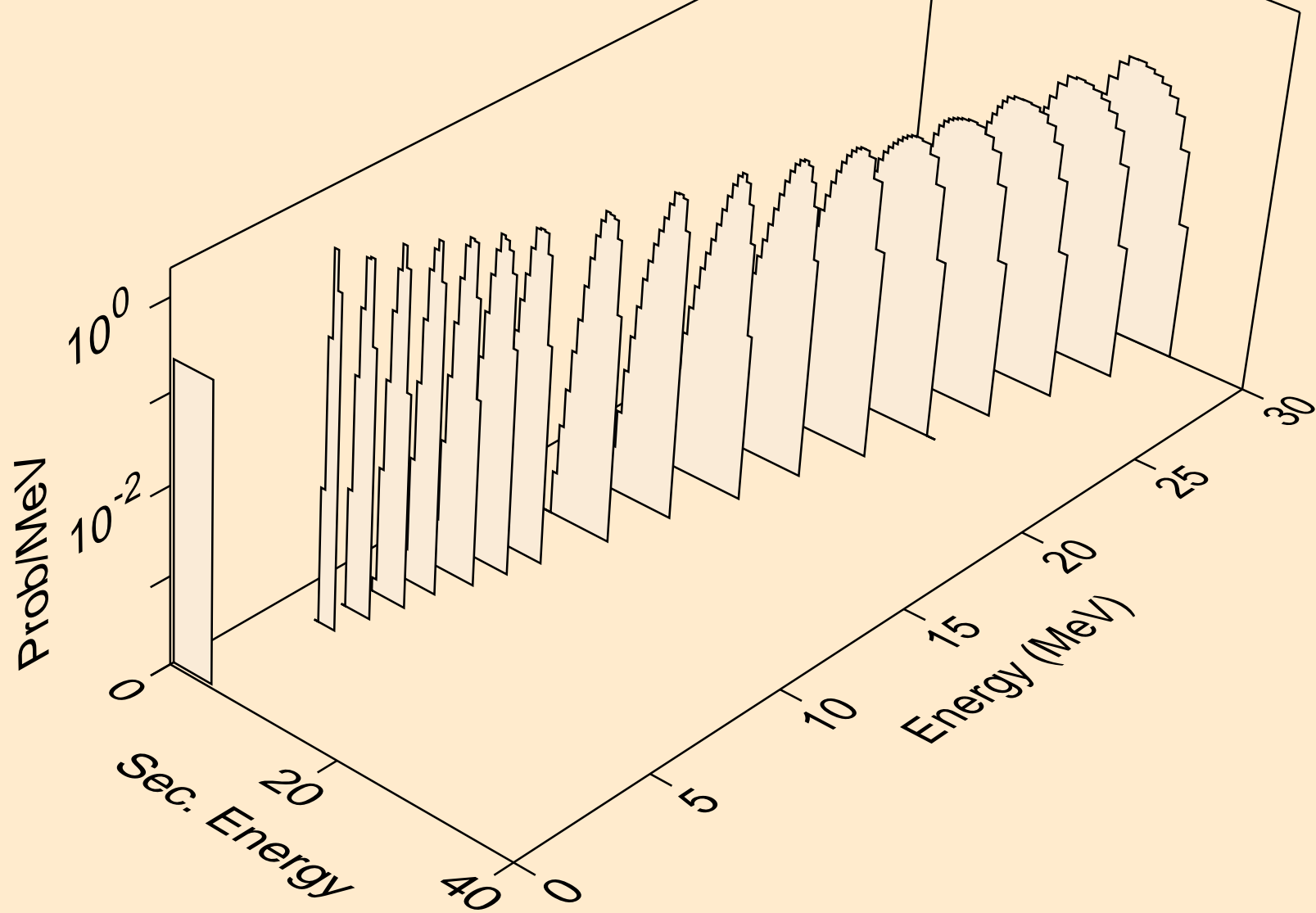
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he3s from (p,he3)



EU154M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,x)

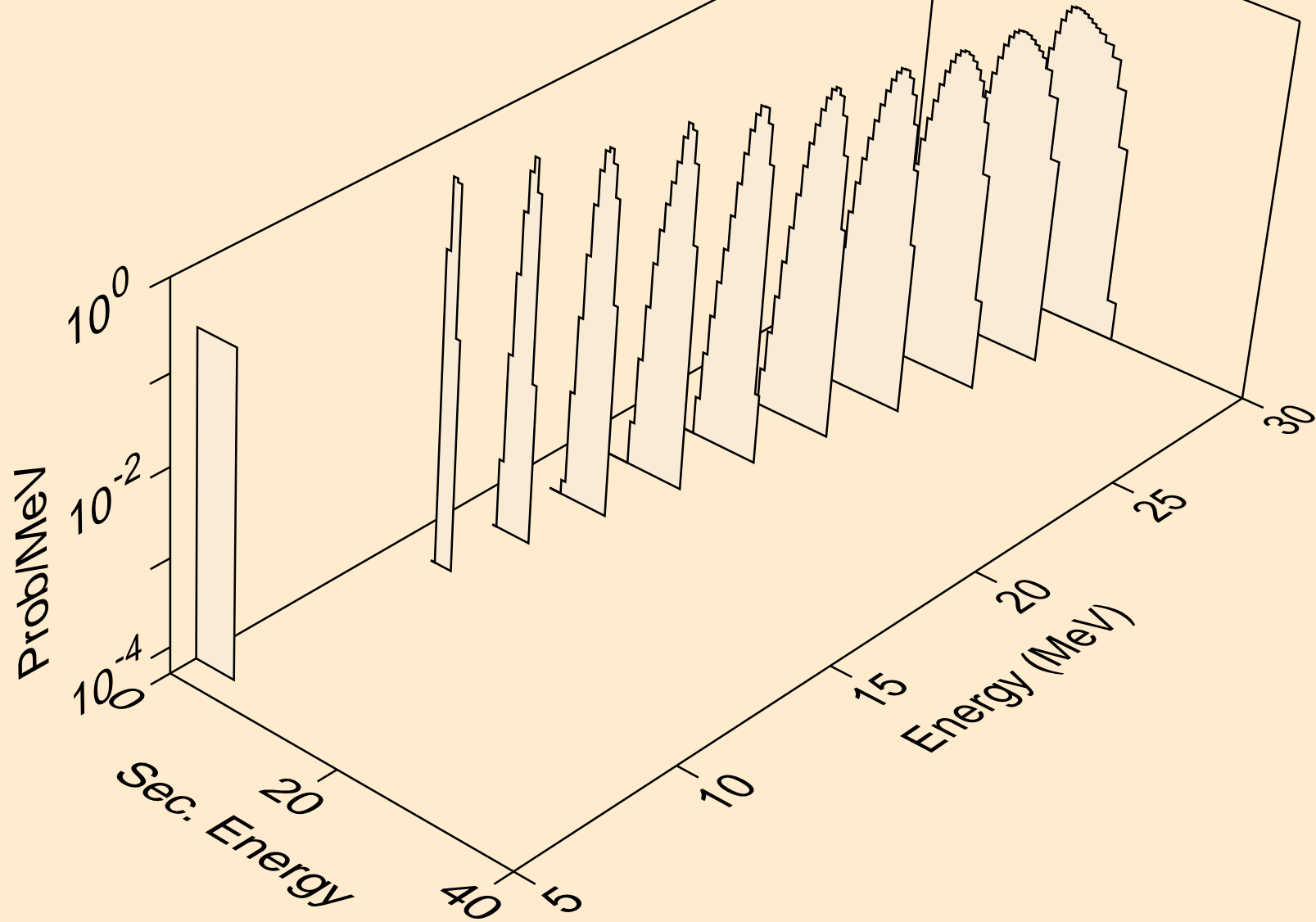


EU154M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,n\*)a

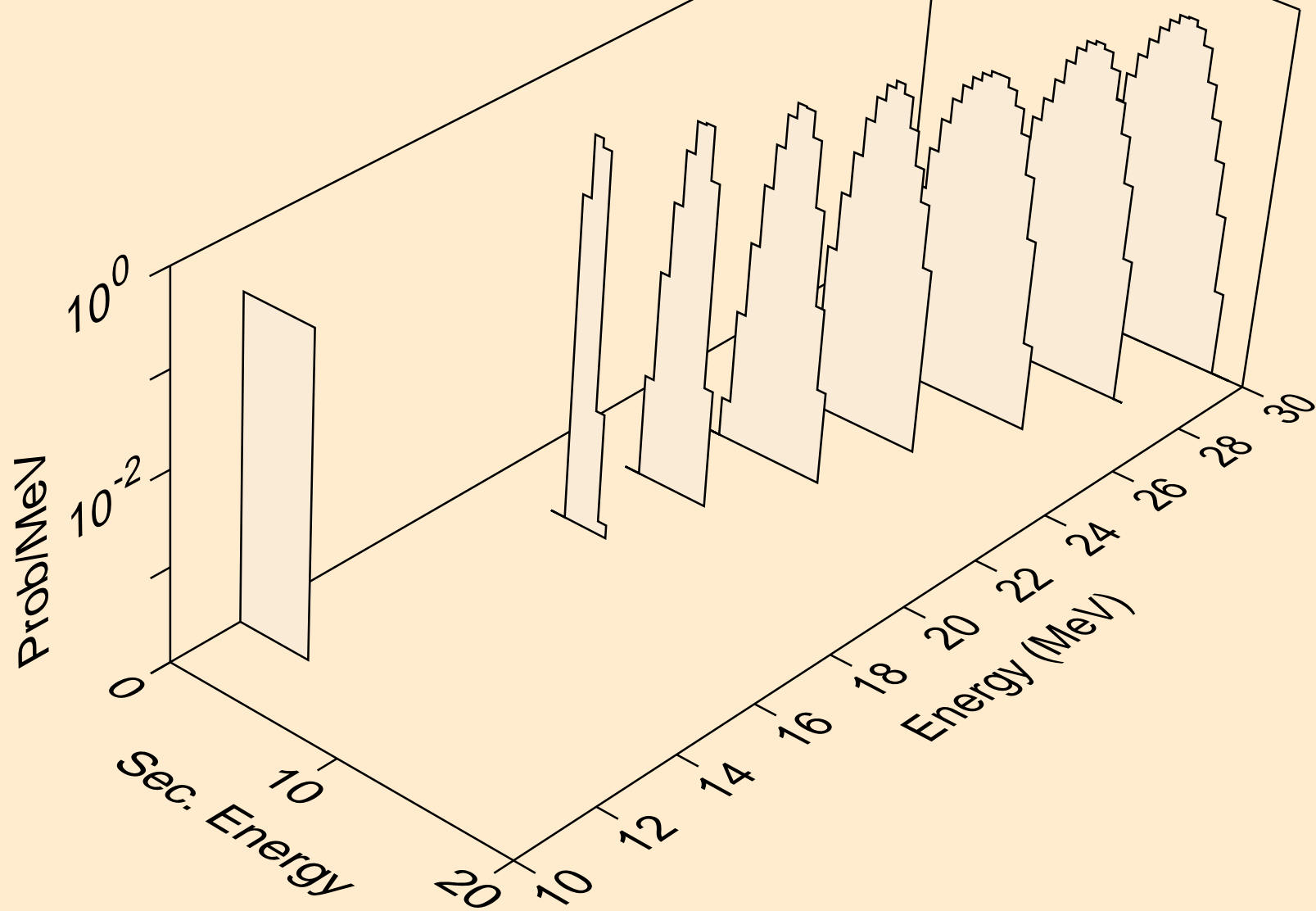




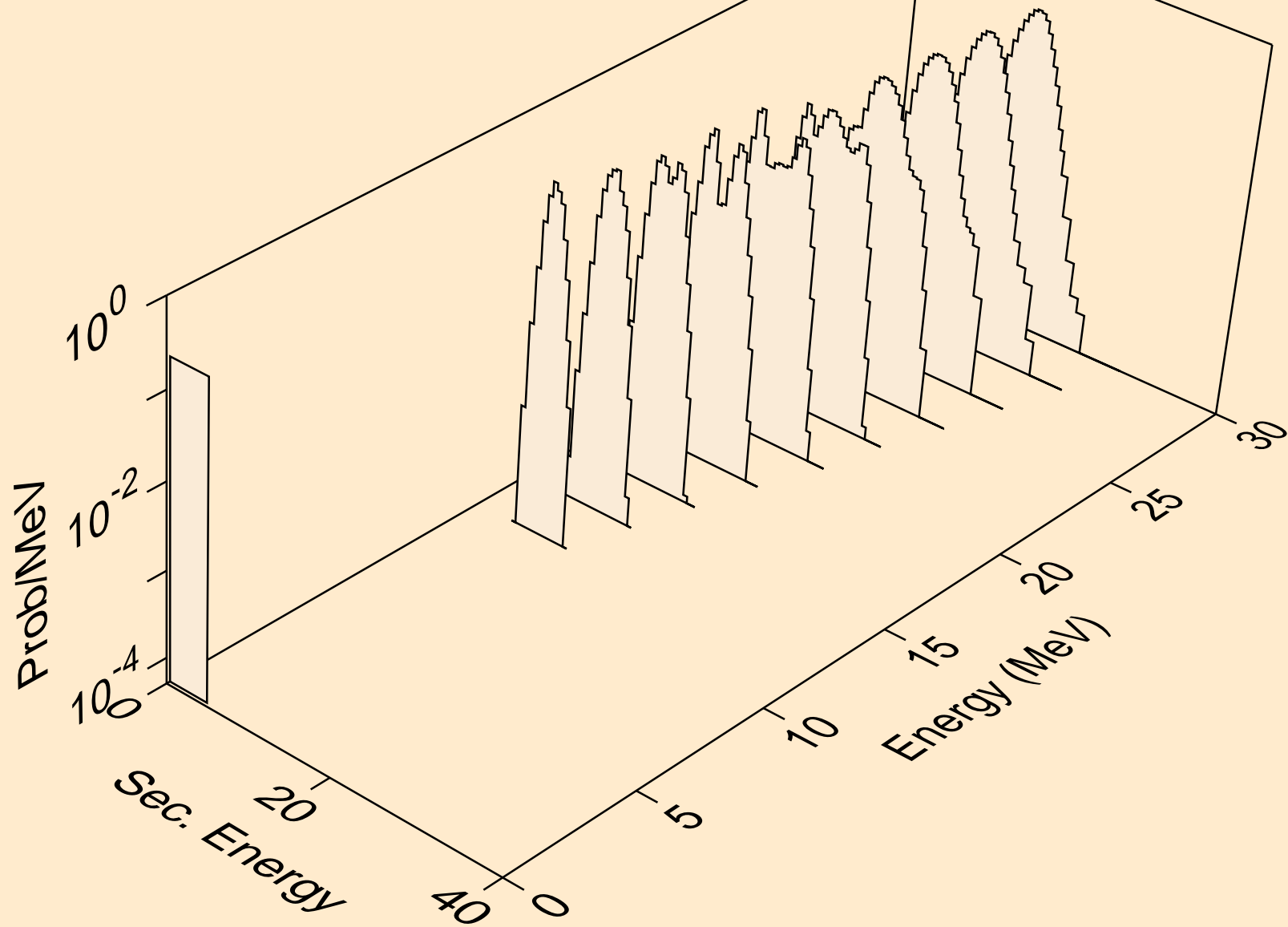
EU154M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,2n)a



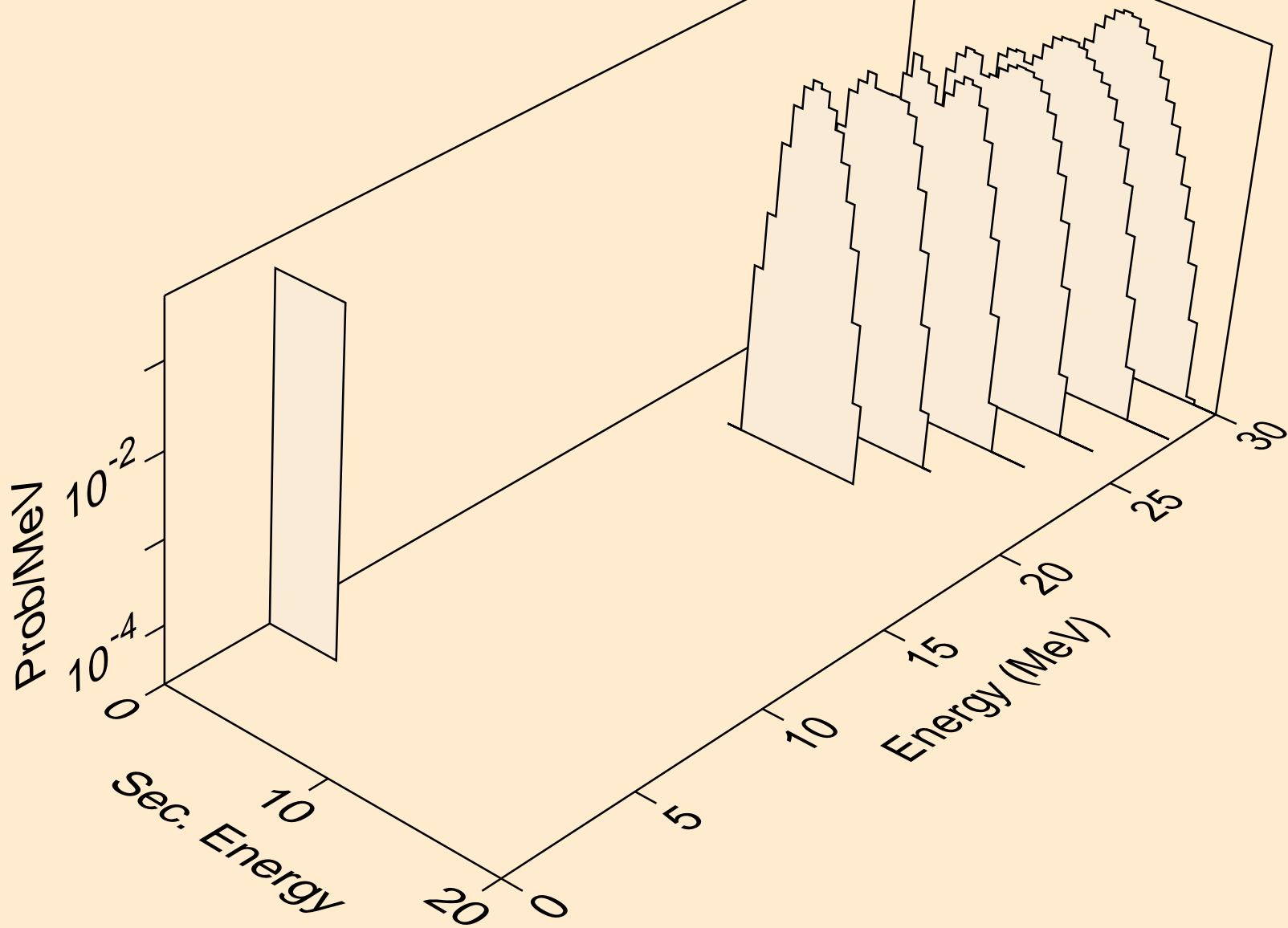
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alphas from (p,3n)a



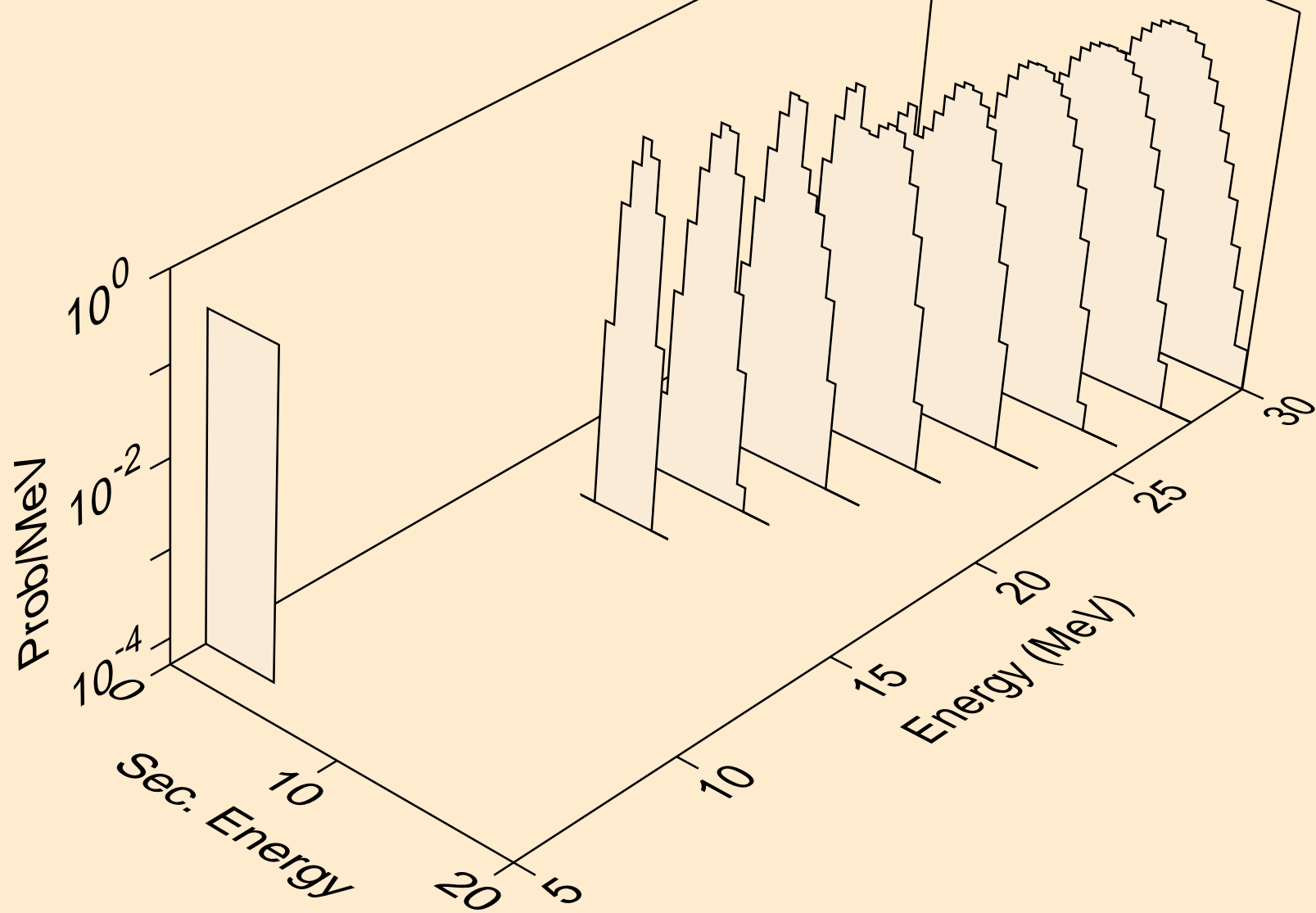
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alphas from (p,n\*)2a



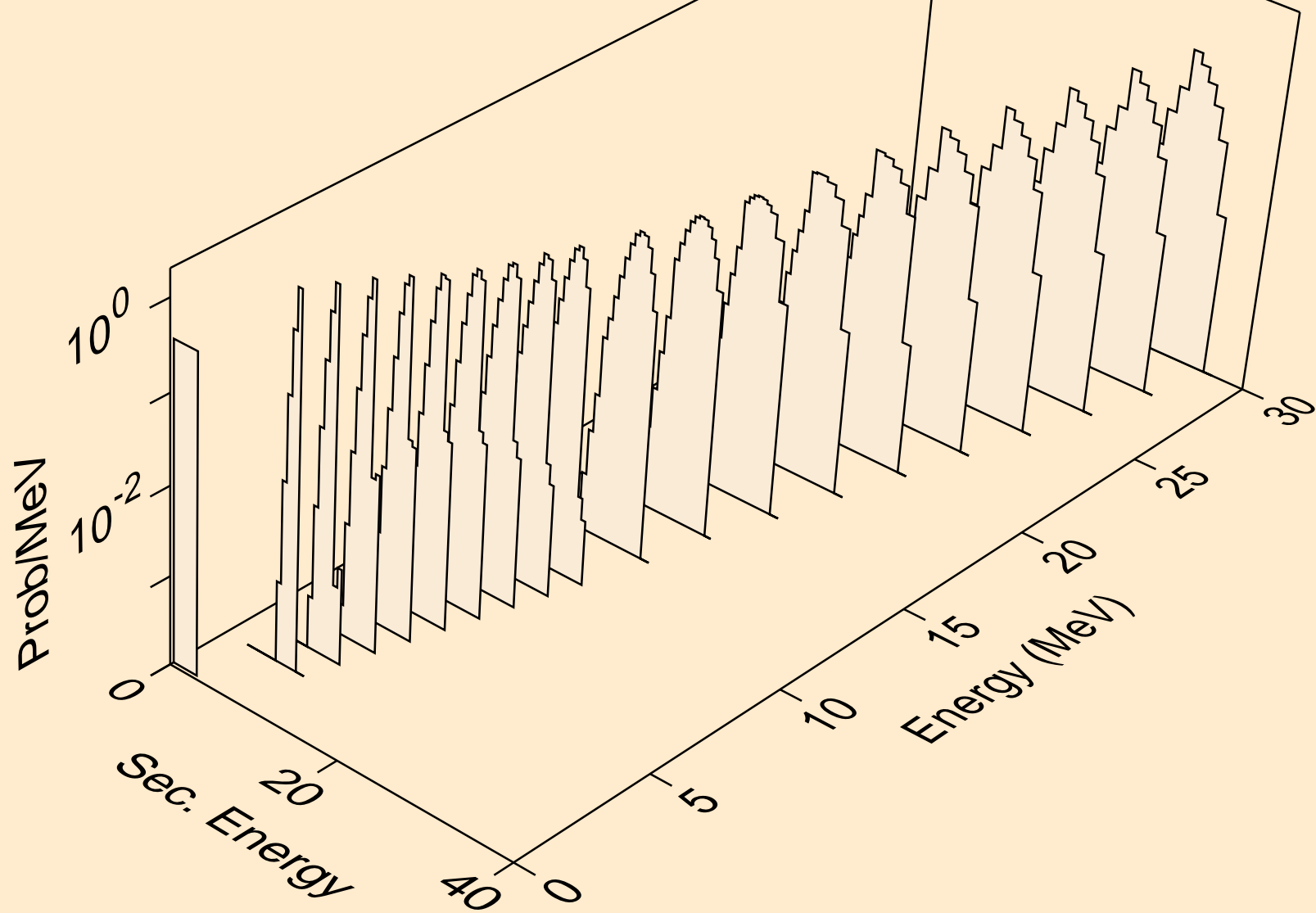
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alphas from (p,2n)2a



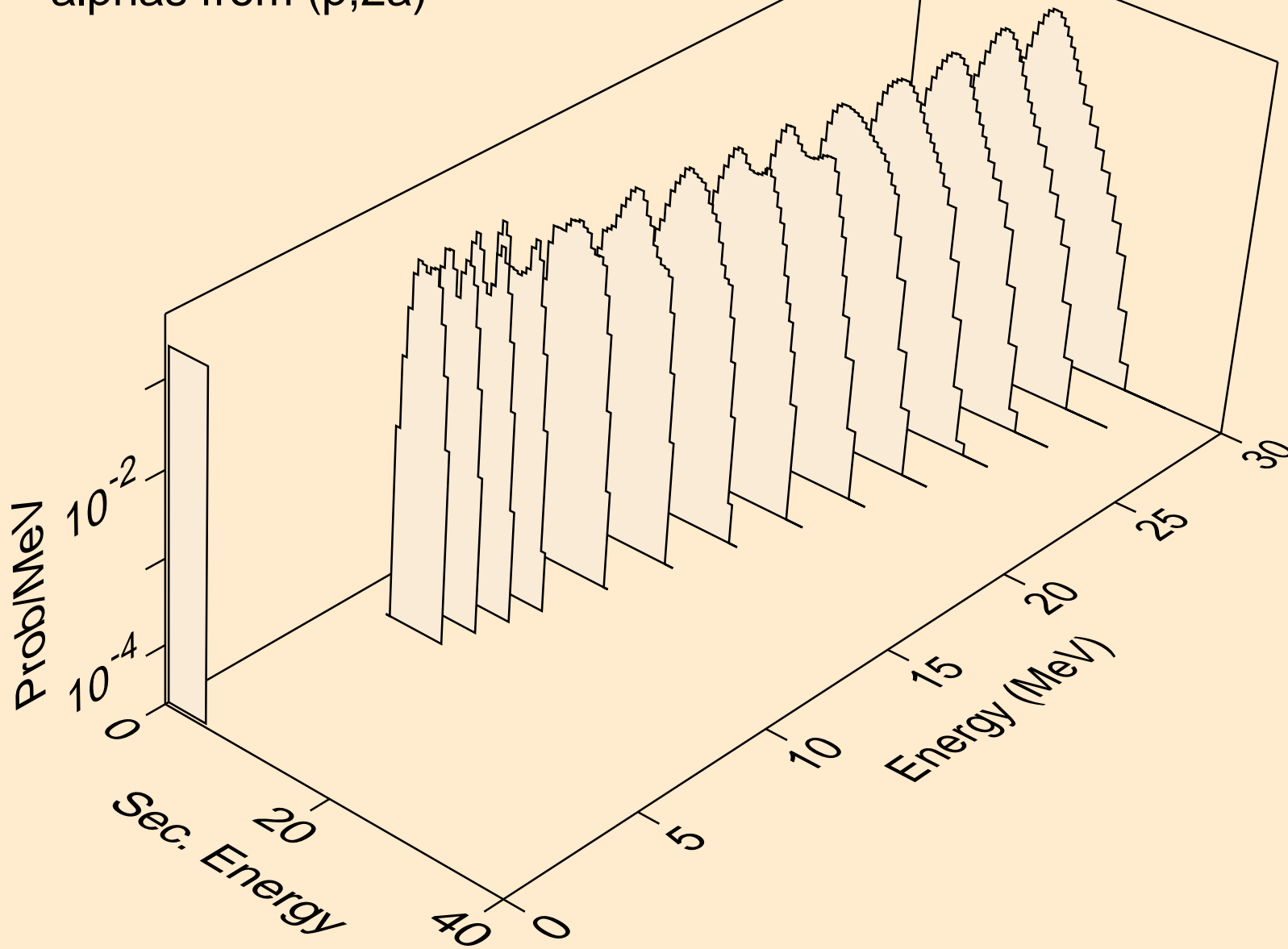
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alphas from (p,npa)



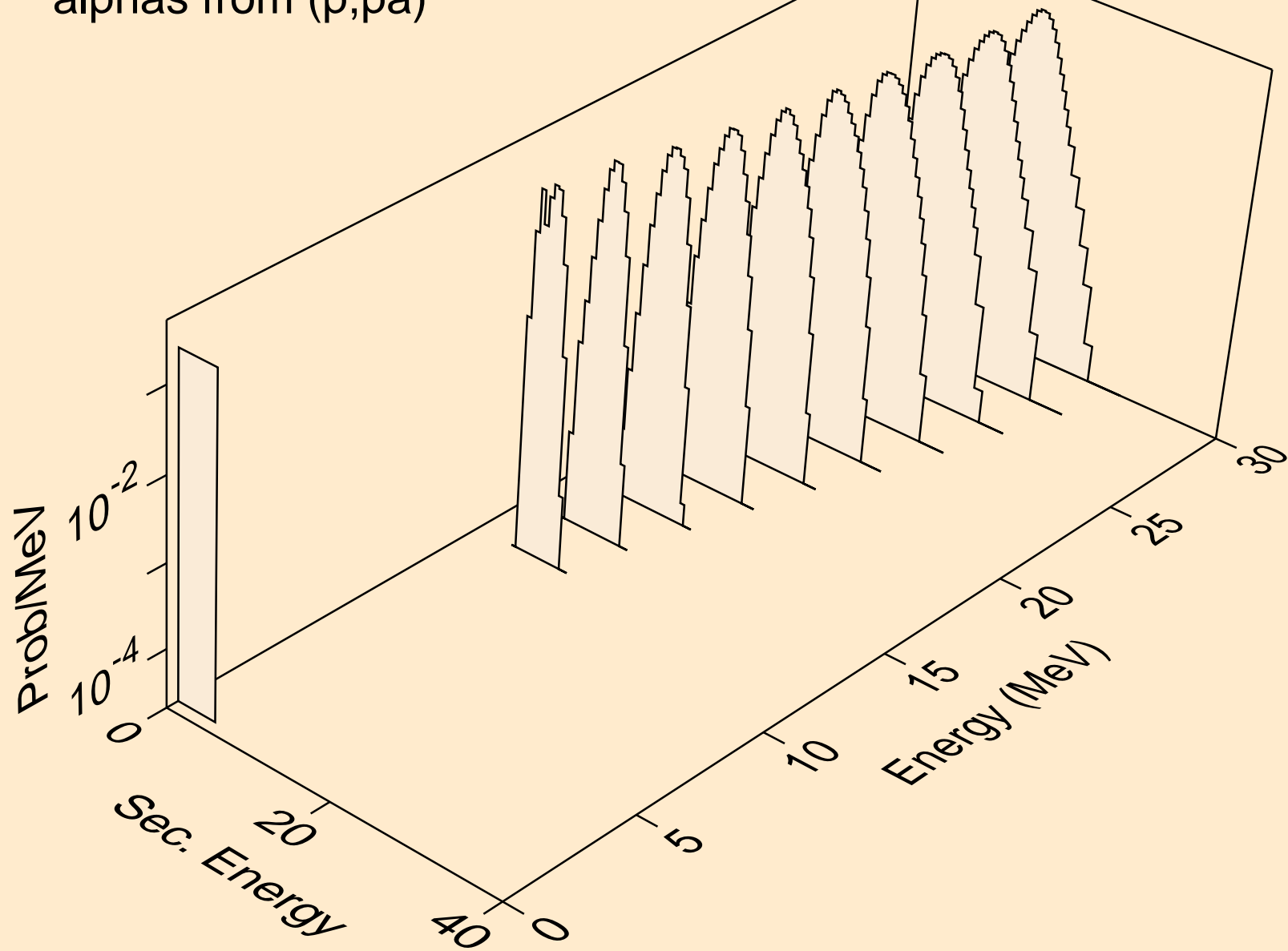
EU154M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,a)



EU154M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,2a)



EU154M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,pa)





EU154M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,da)

