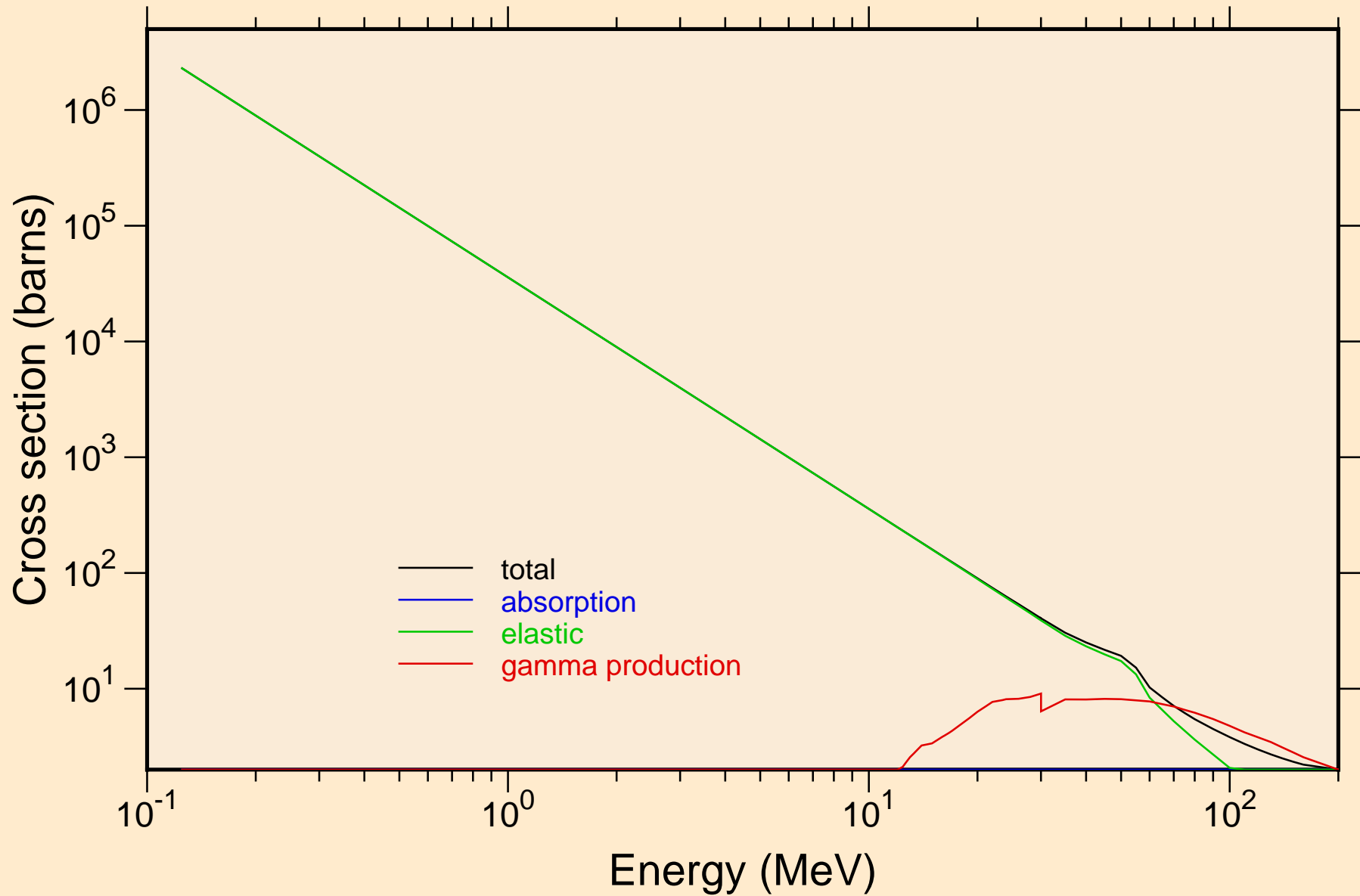
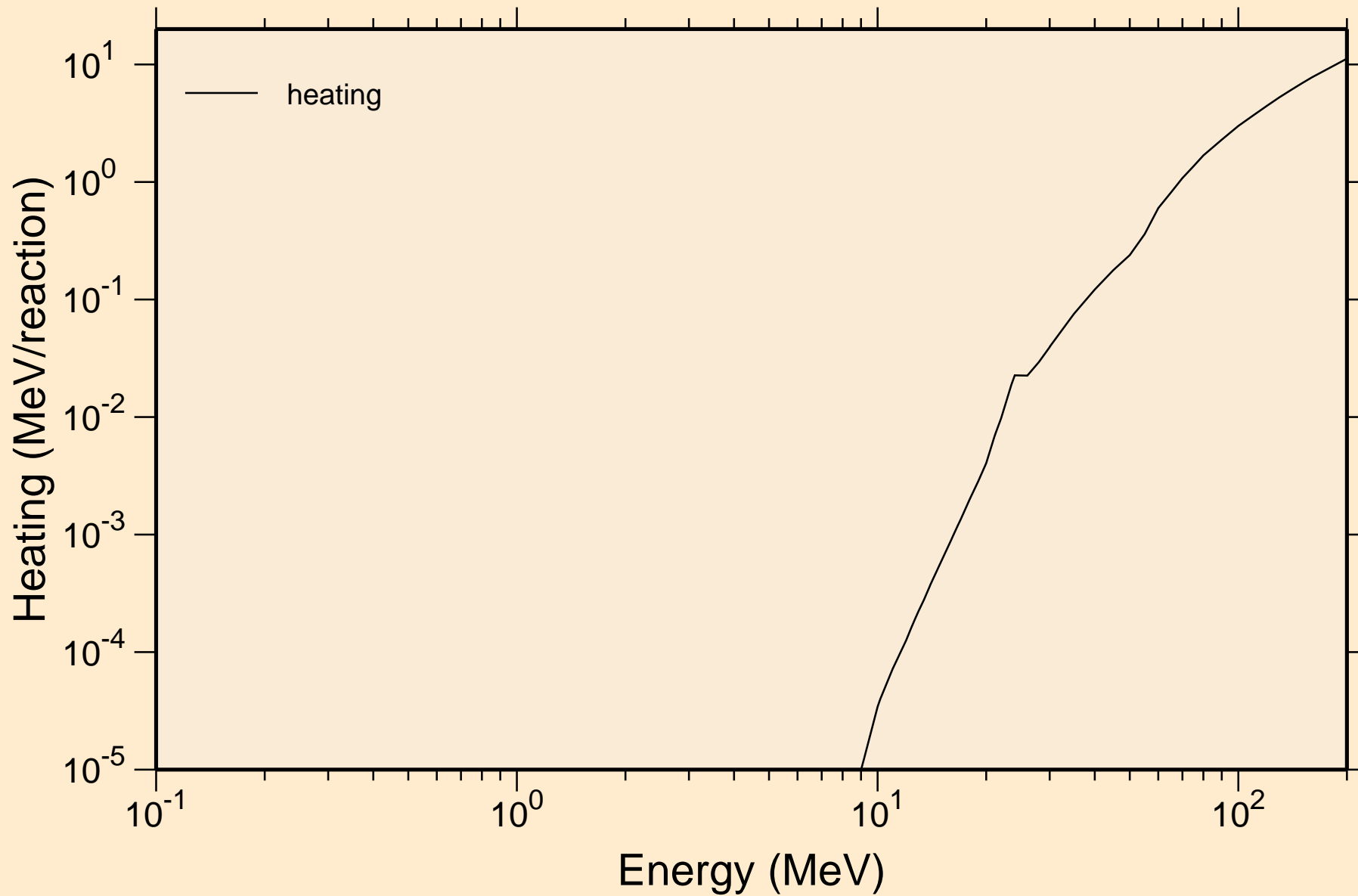


# OS183M PROTON ACER TENDL-2021 LIBRARY; T=0.K

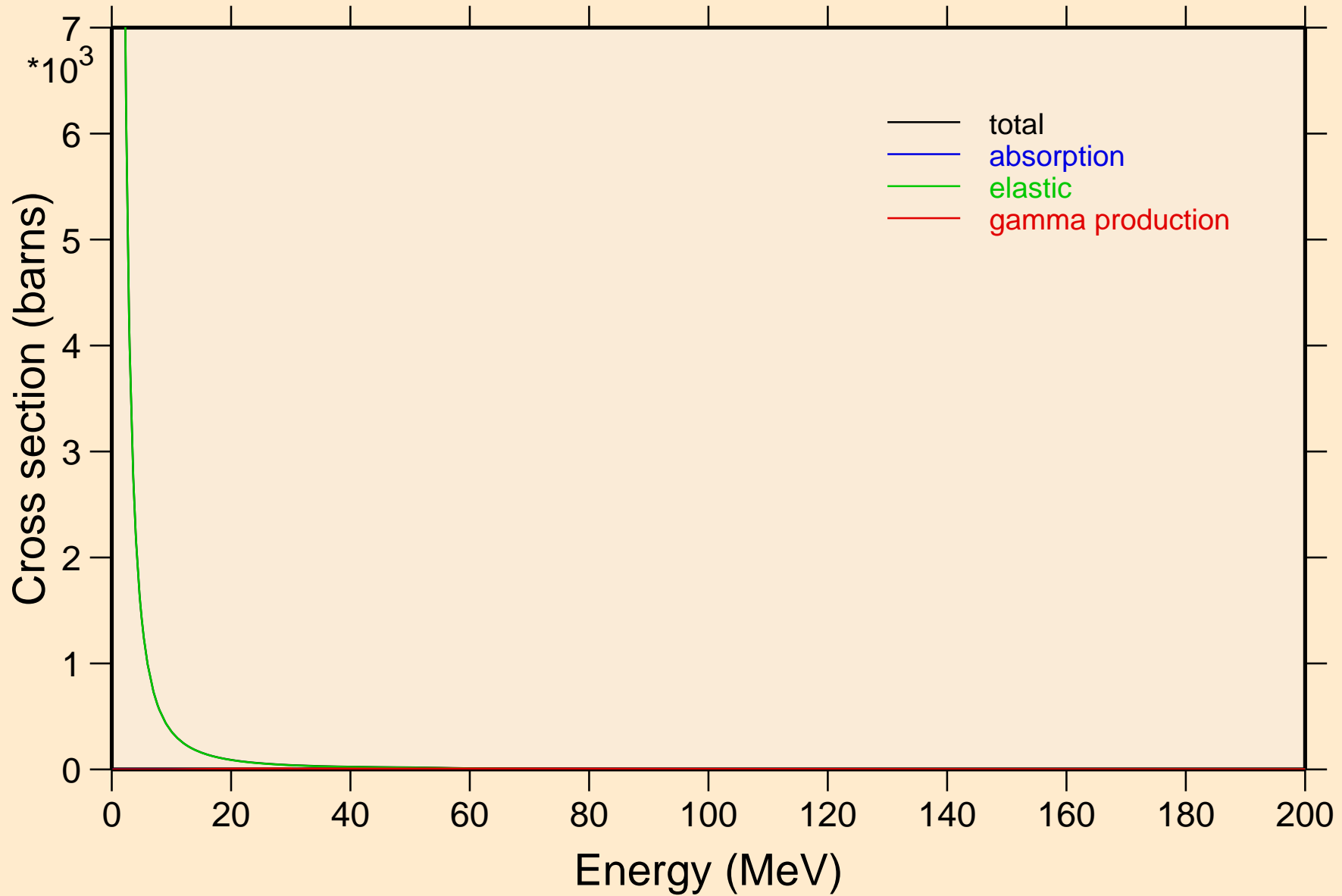
## Principal cross sections



OS183M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Heating

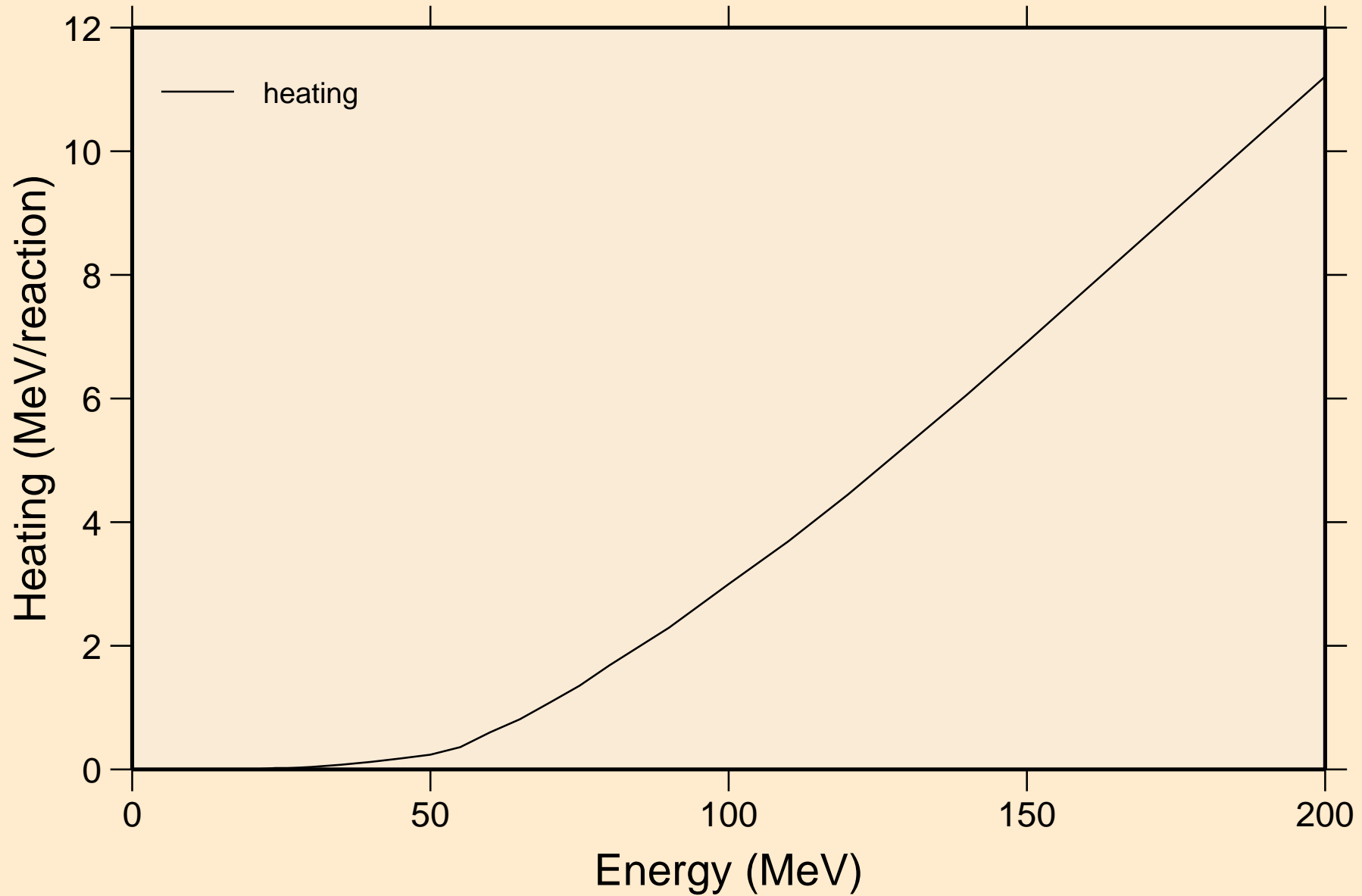


OS183M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections

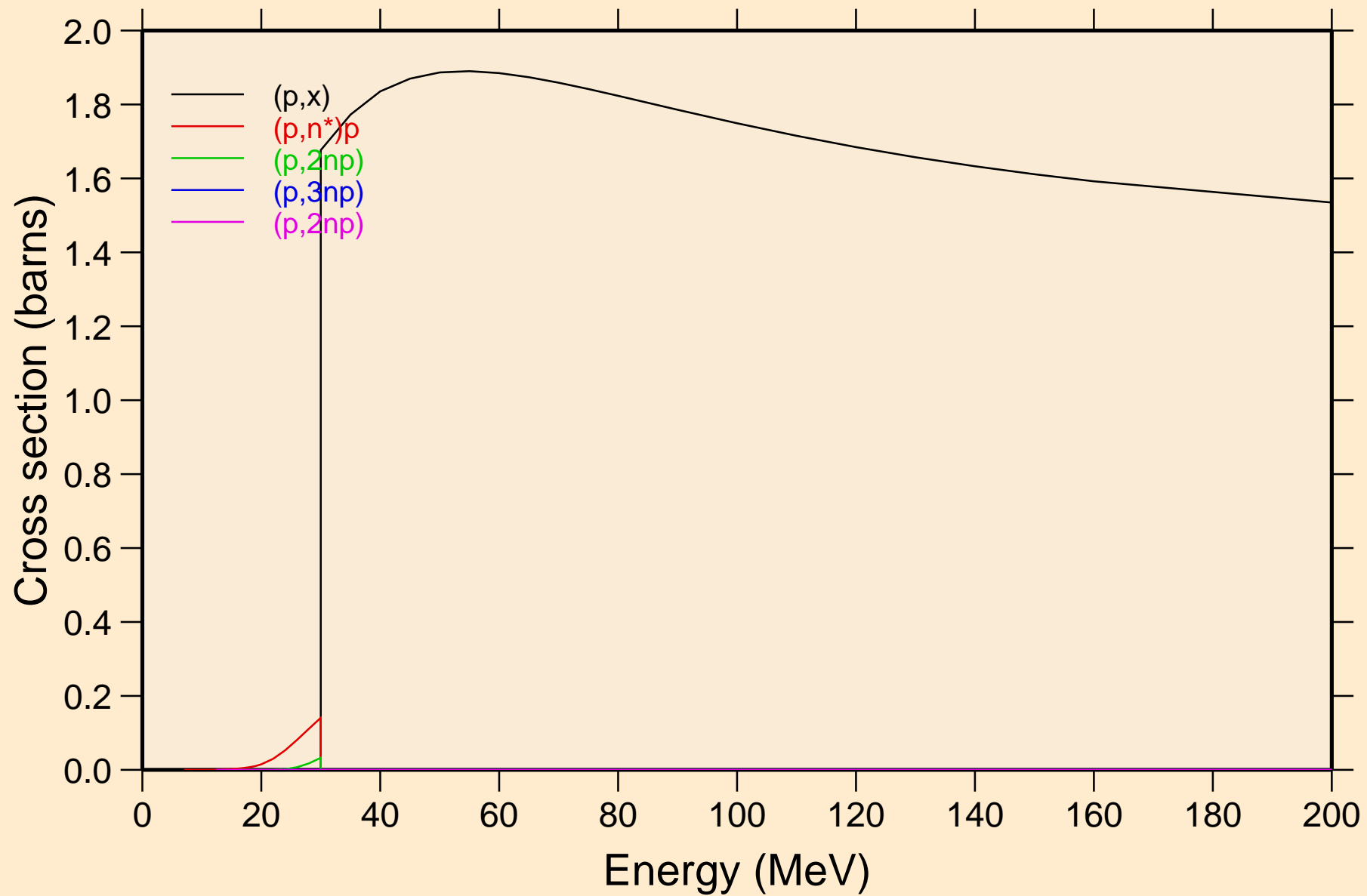


# OS183M PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Heating

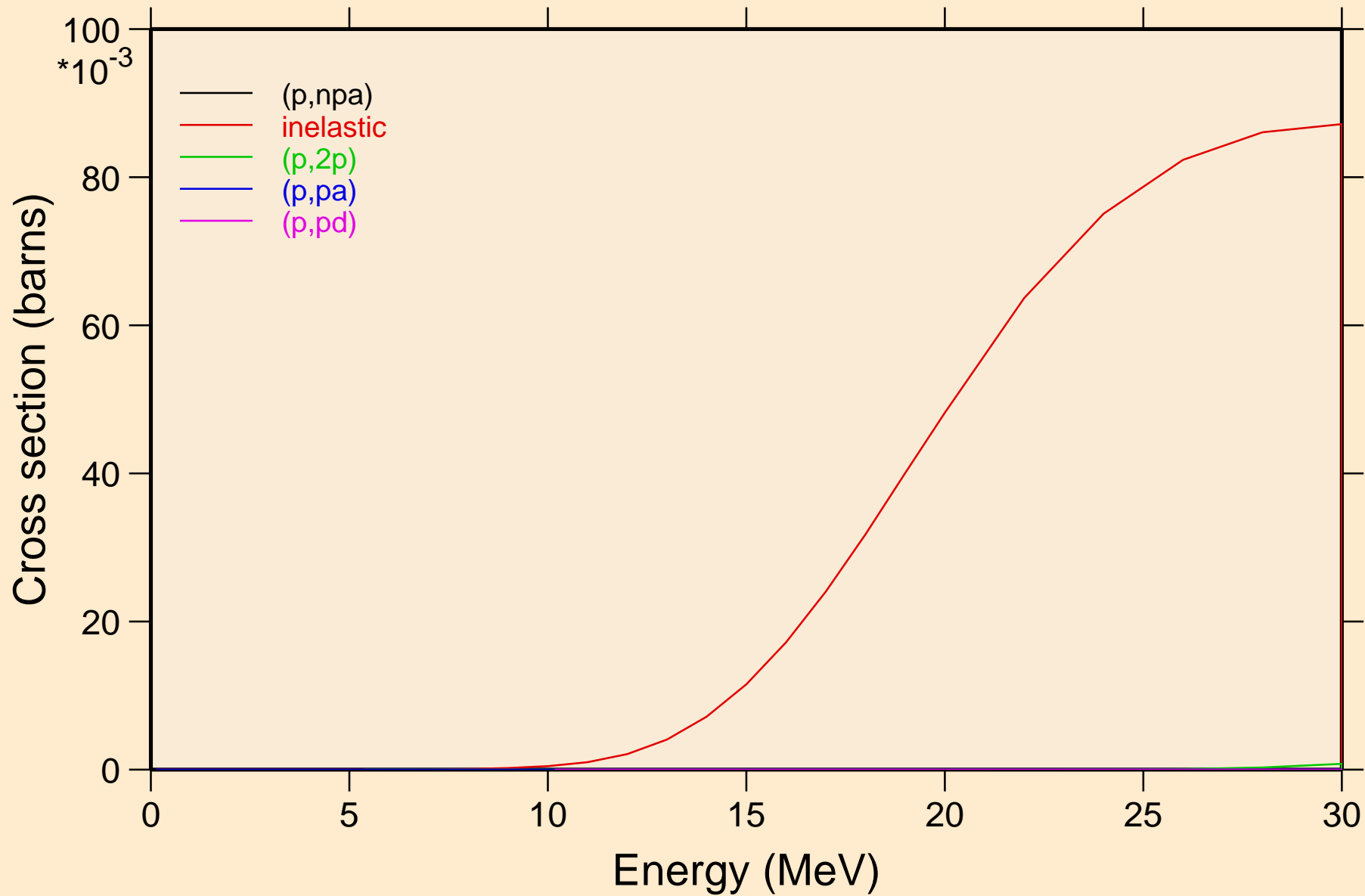


OS183M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

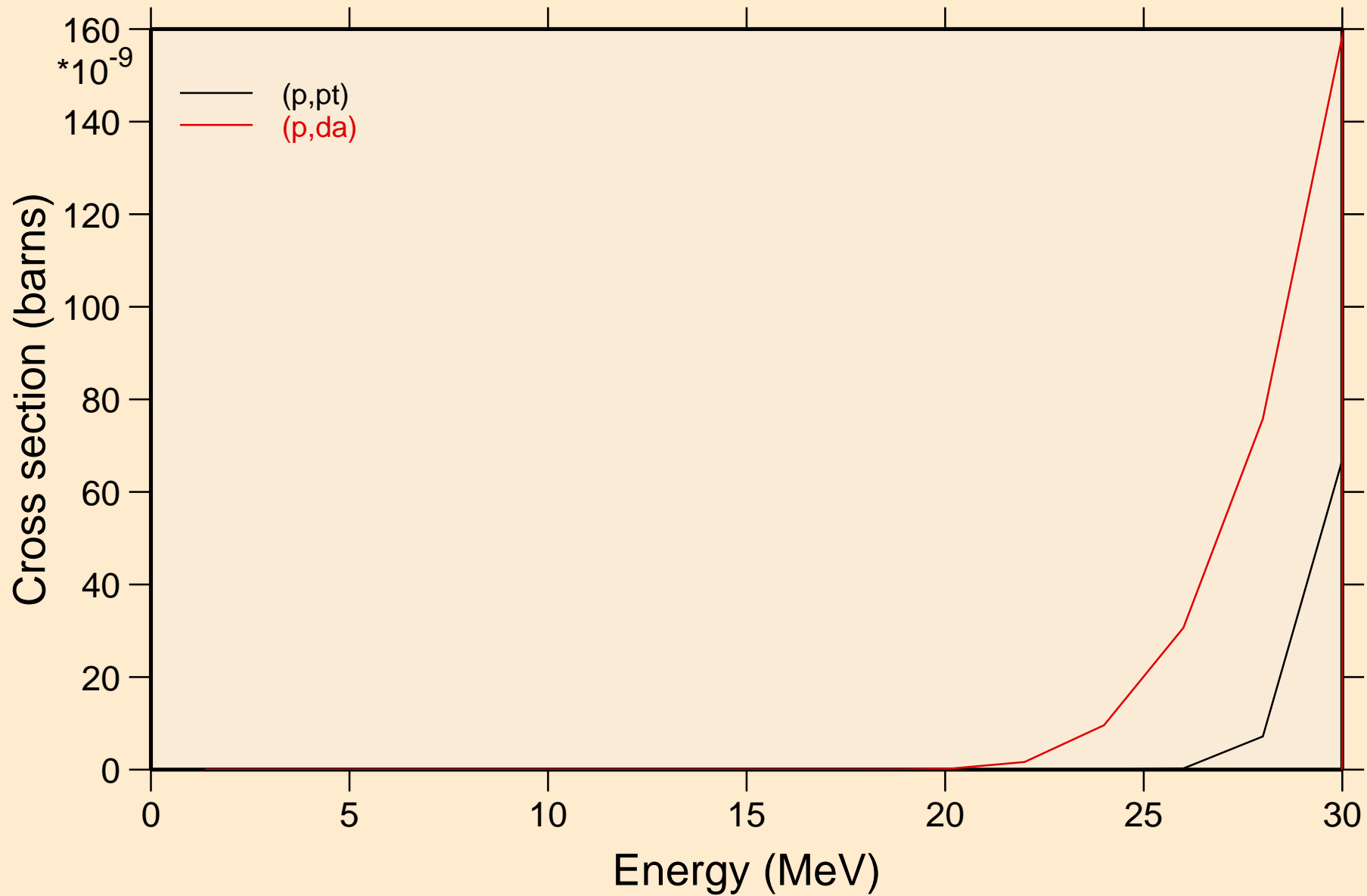


# OS183M PROTON ACER TENDL-2021 LIBRARY; T=0.K

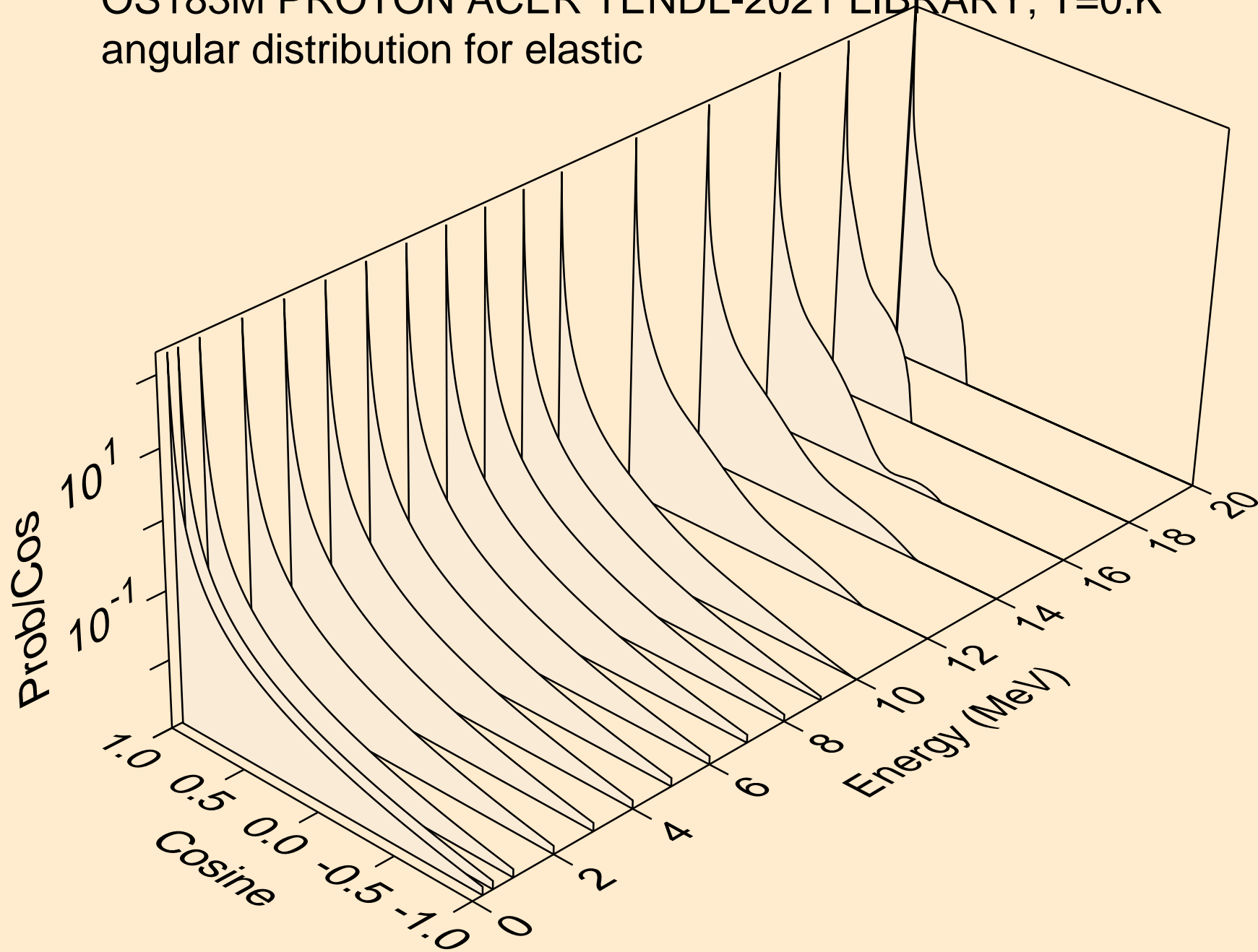
## Threshold reactions



OS183M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

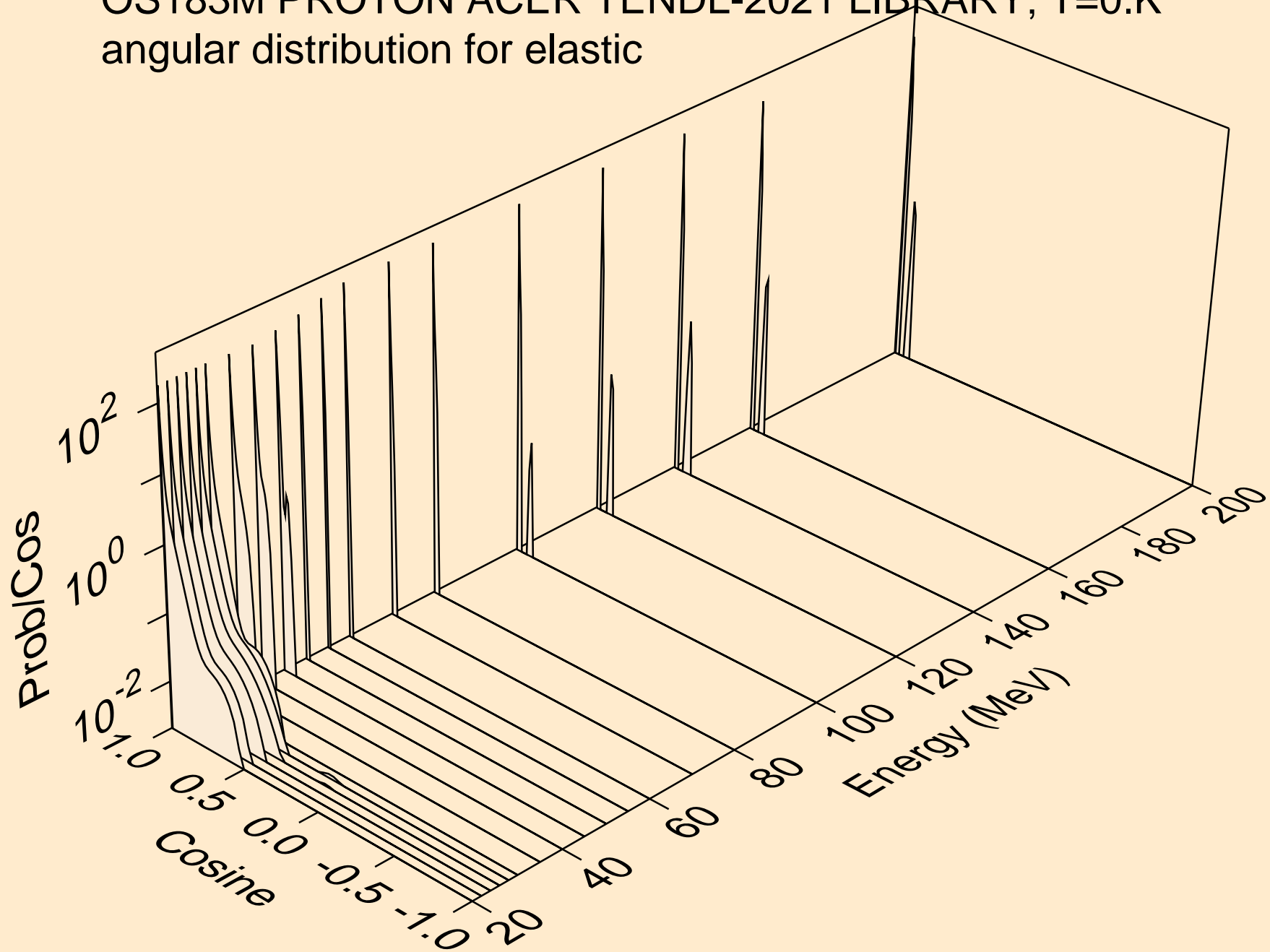


OS183M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic

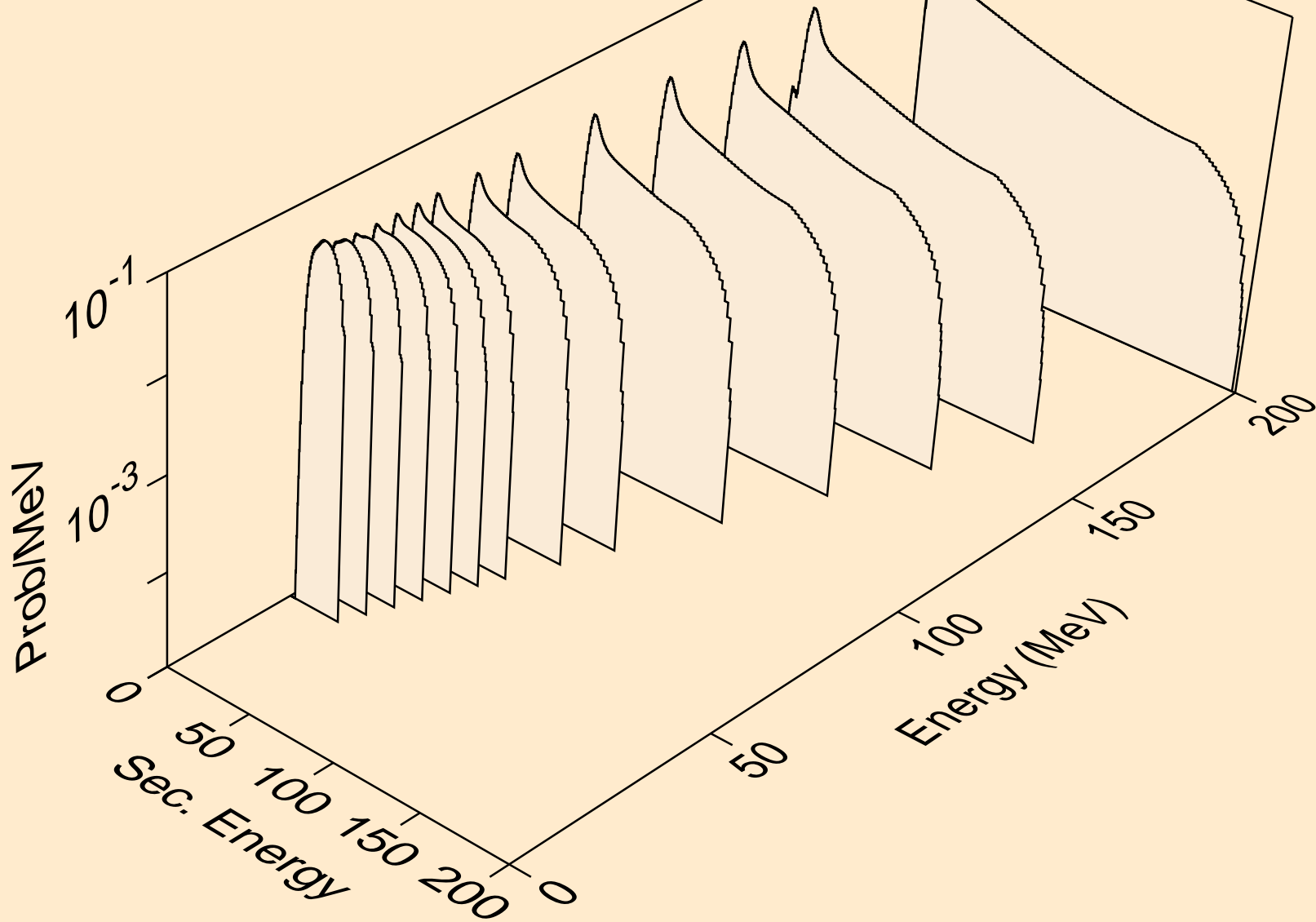




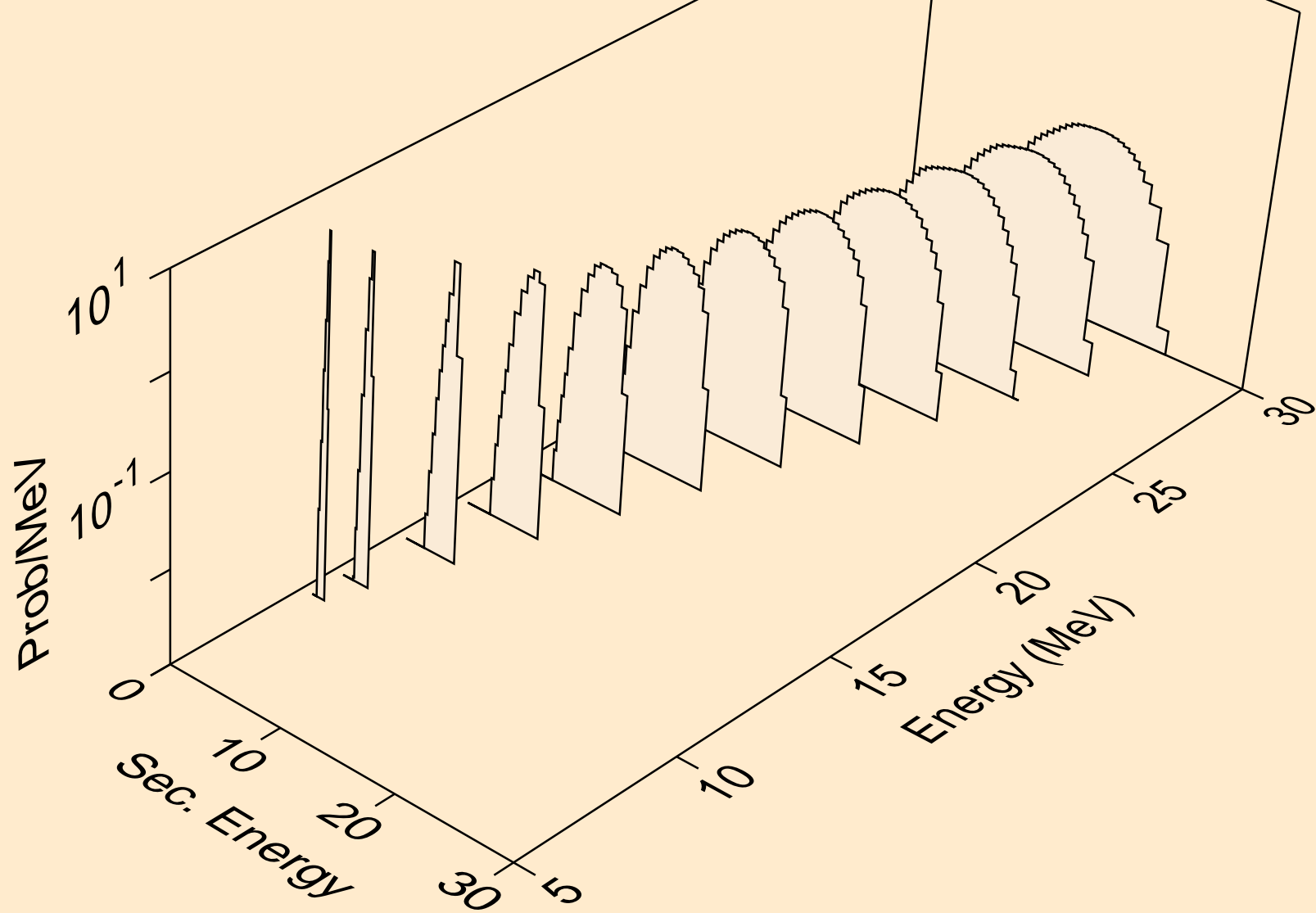
OS183M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



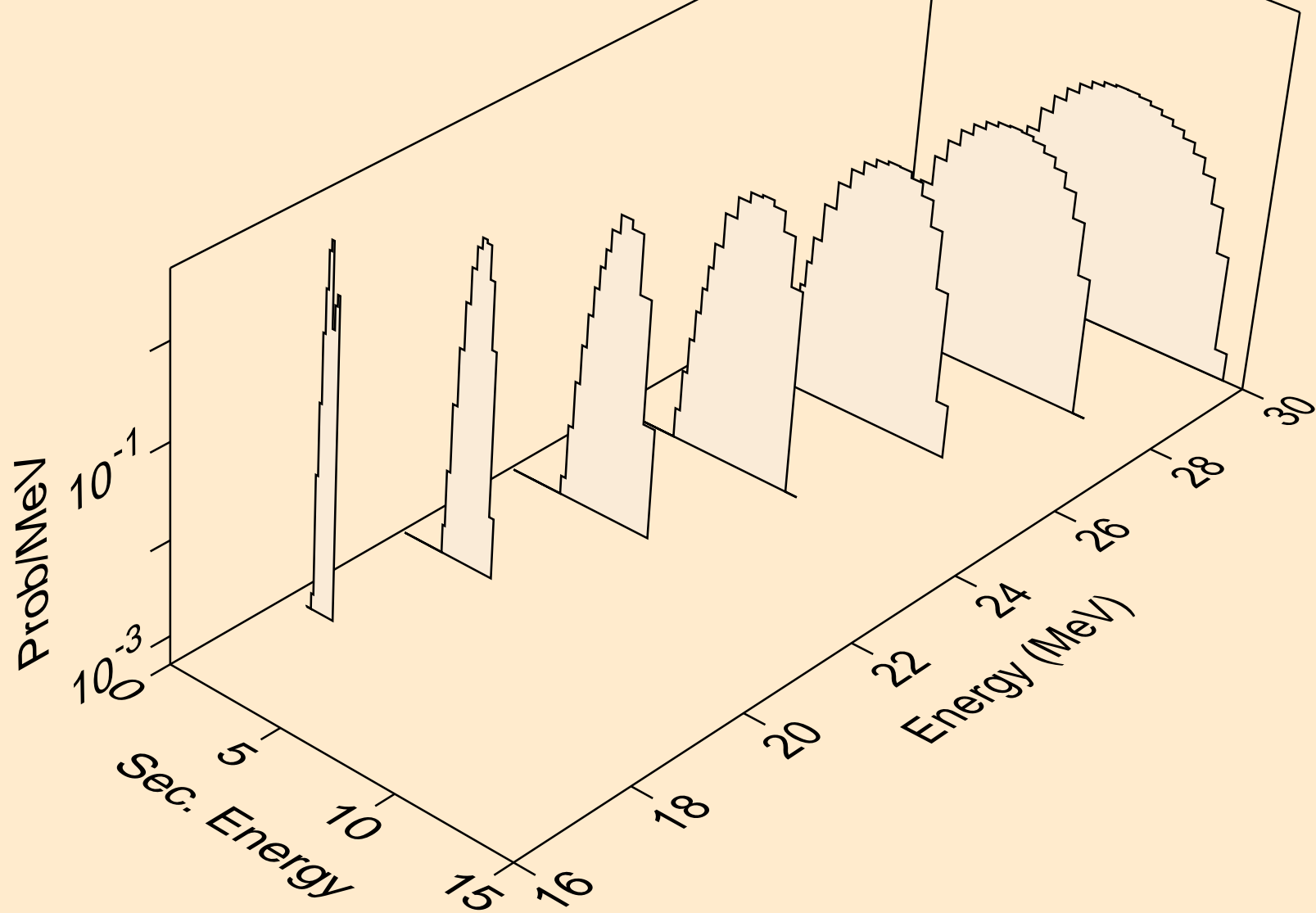
OS183M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,x)



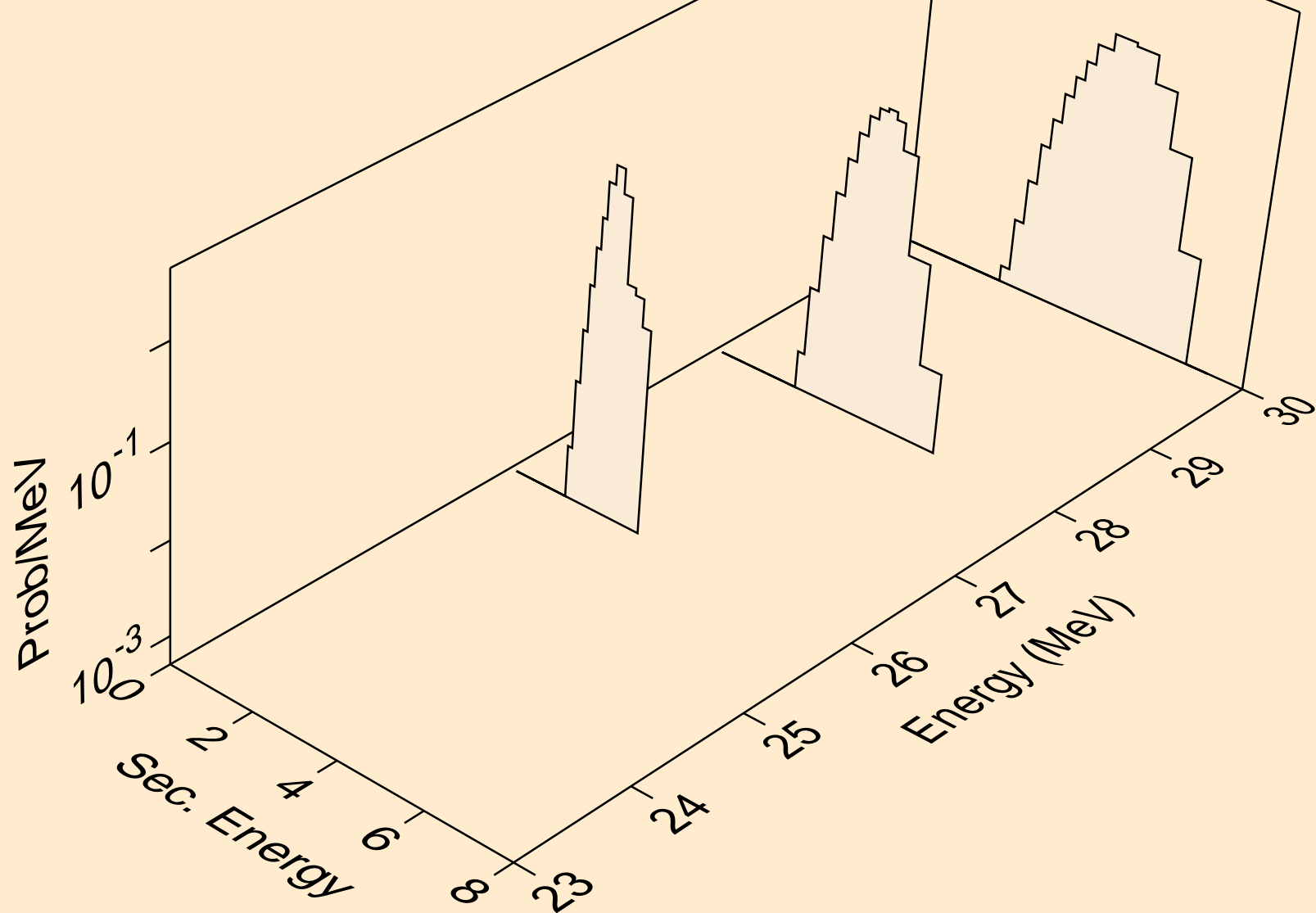
OS183M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



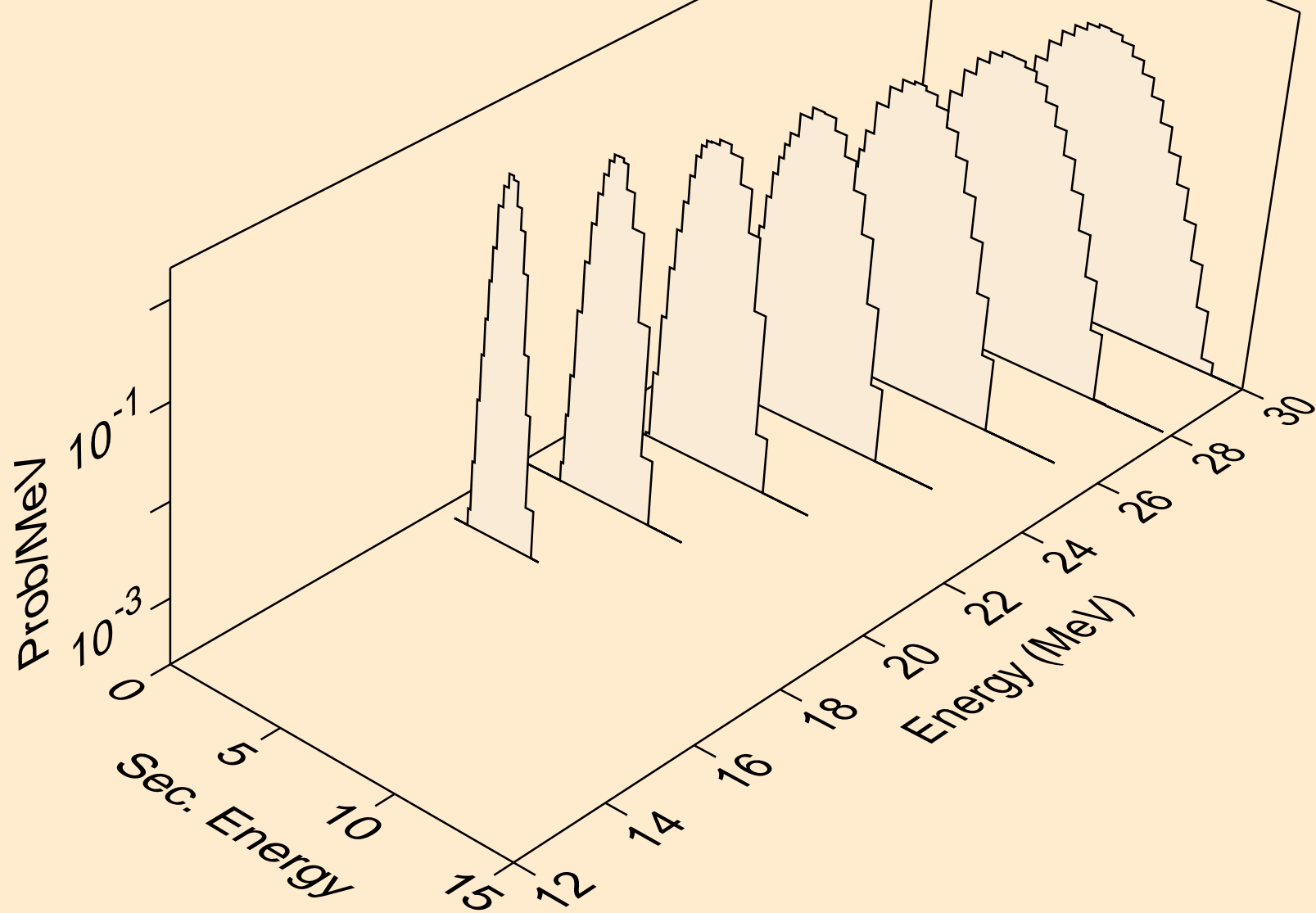
OS183M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2np)



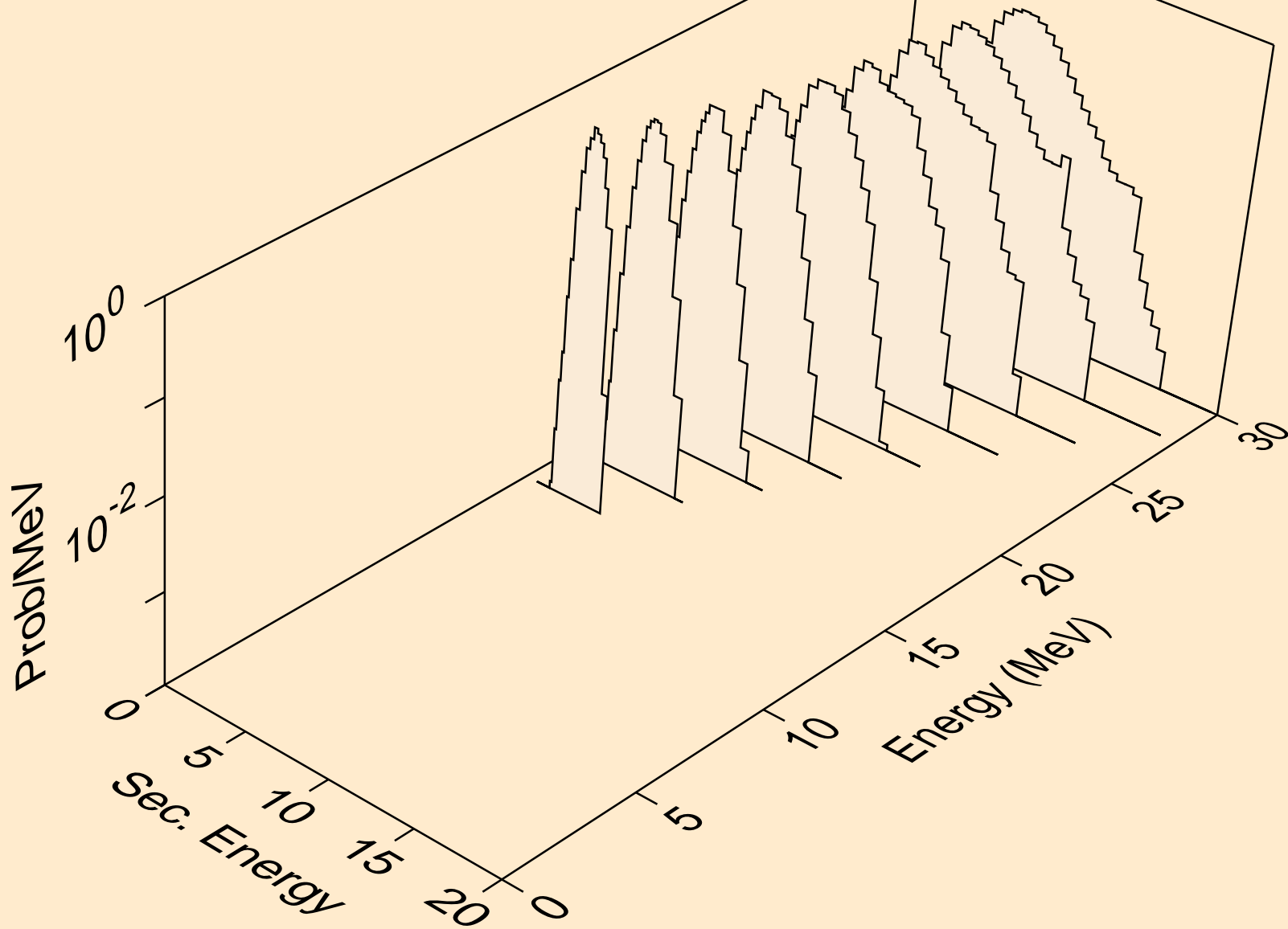
OS183M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,3np)



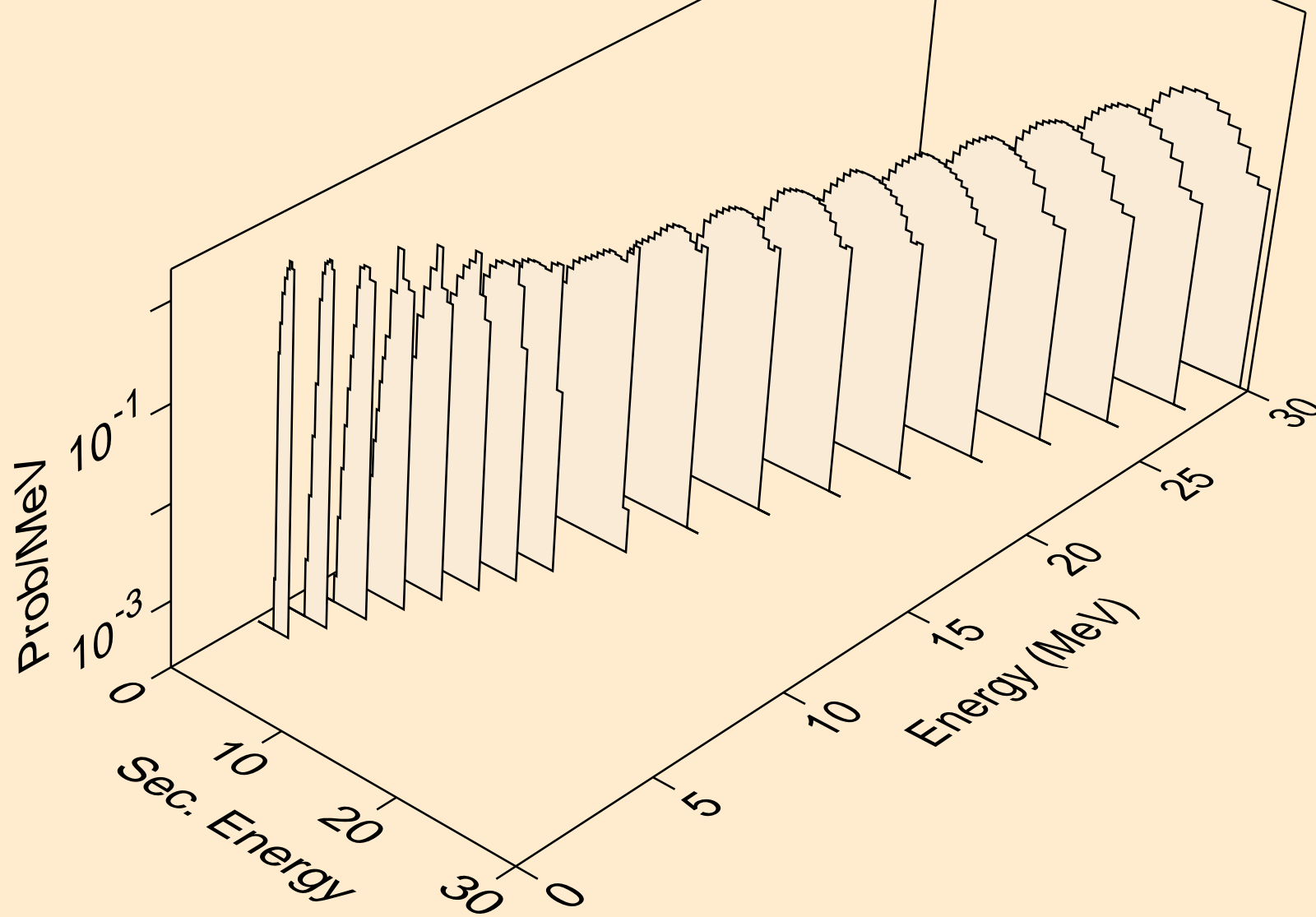
OS183M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2np)



OS183M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,npa)

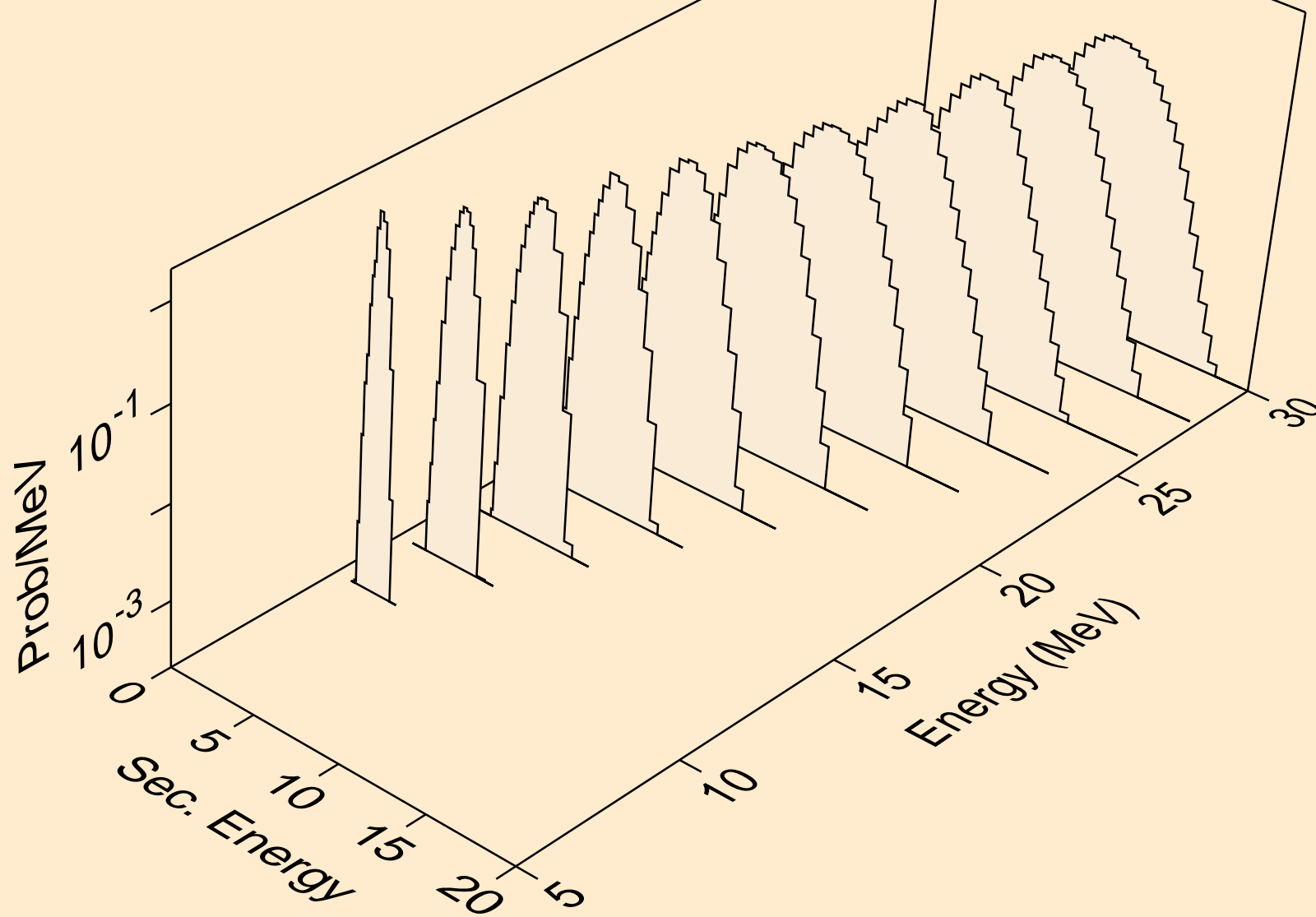


OS183M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for inelastic

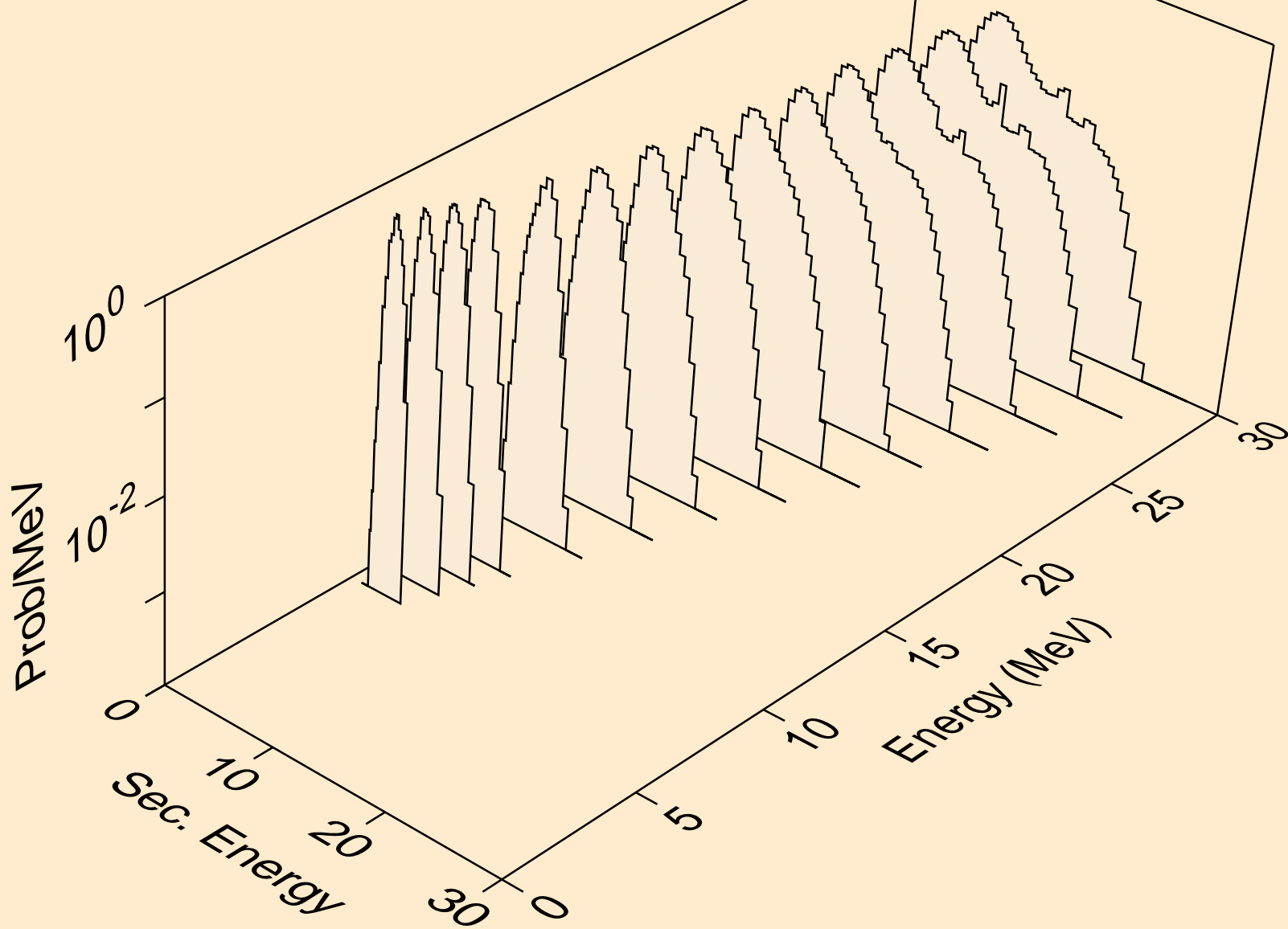




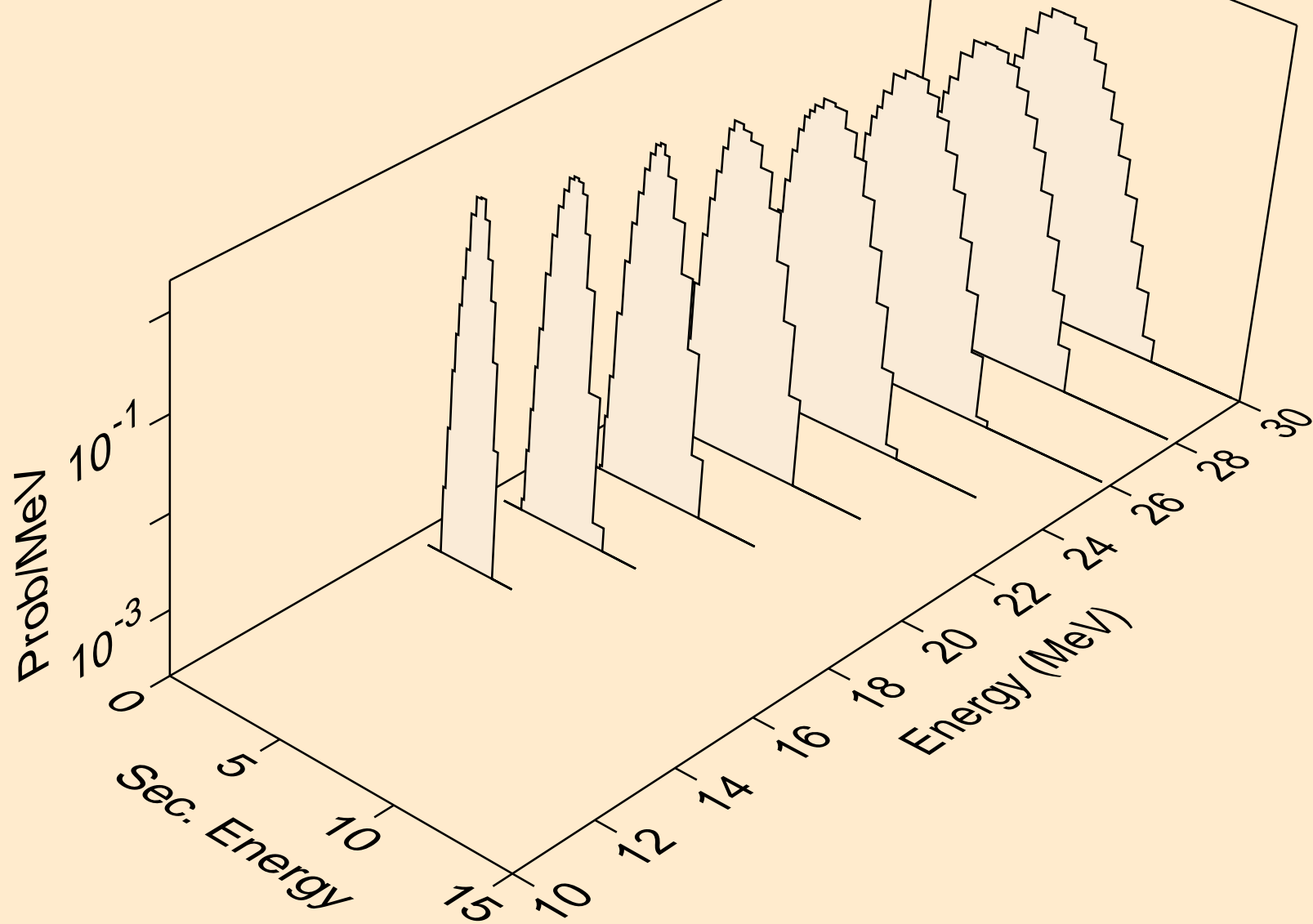
OS183M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2p)



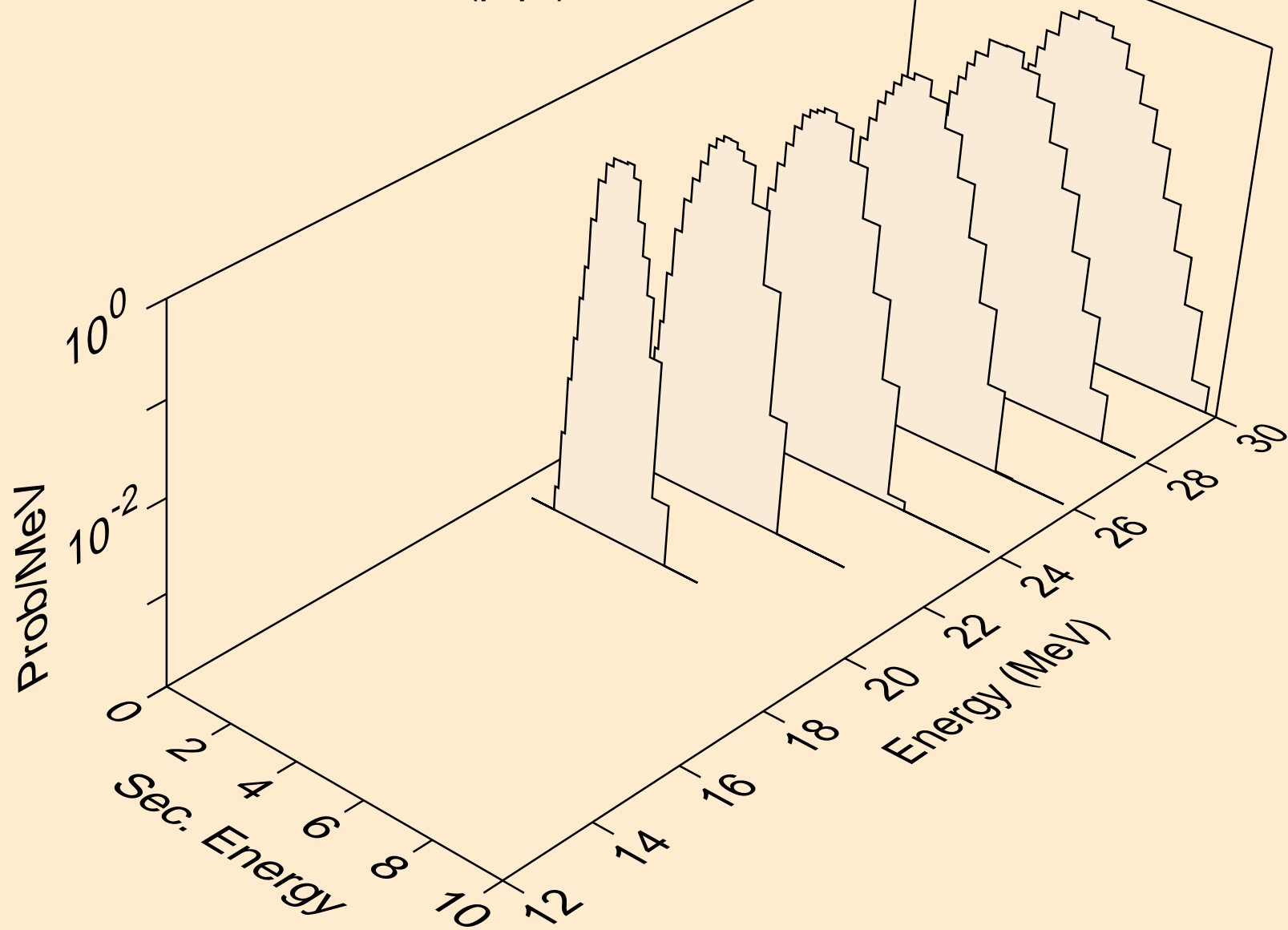
OS183M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,pa)



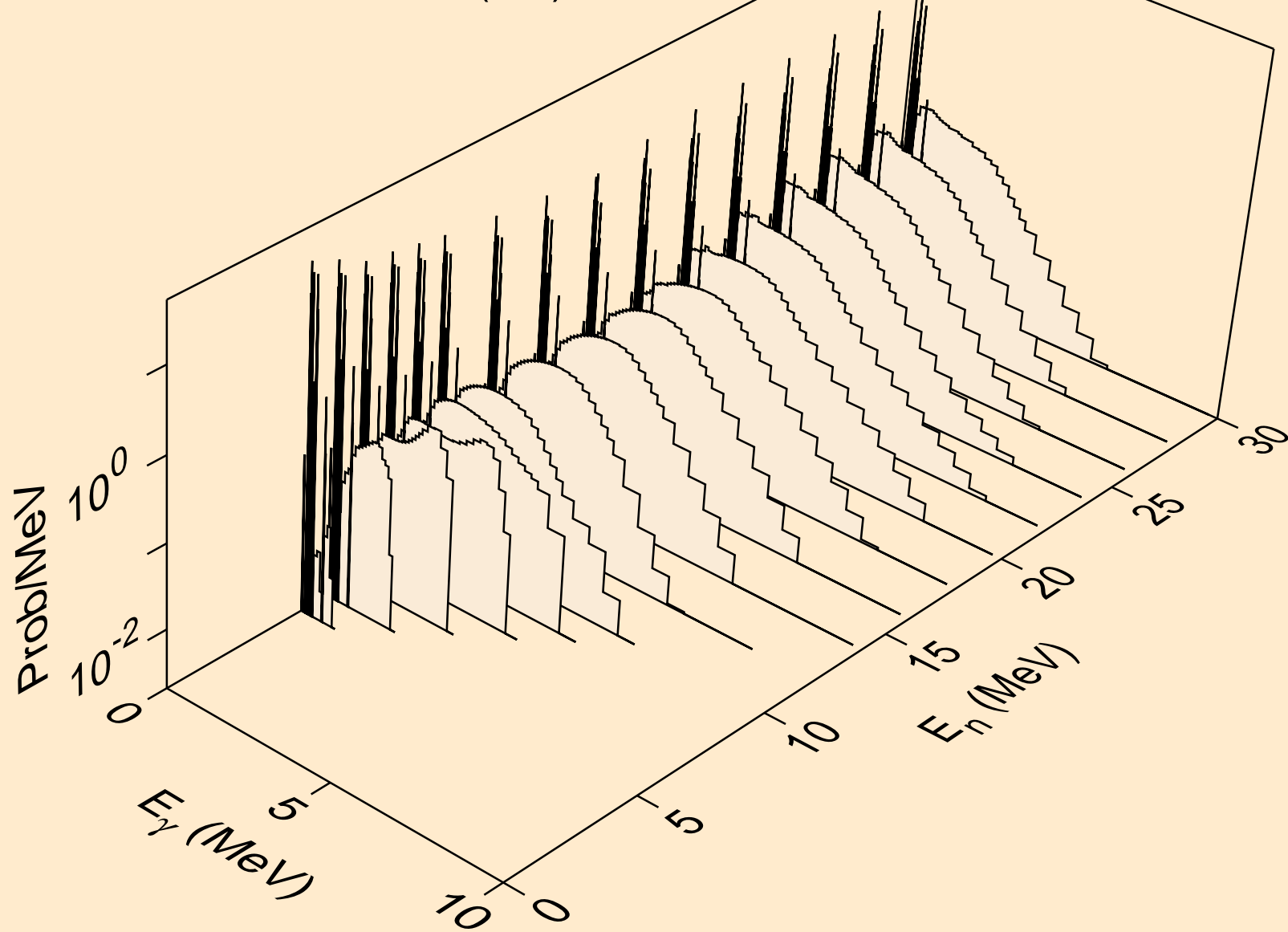
OS183M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,pd)



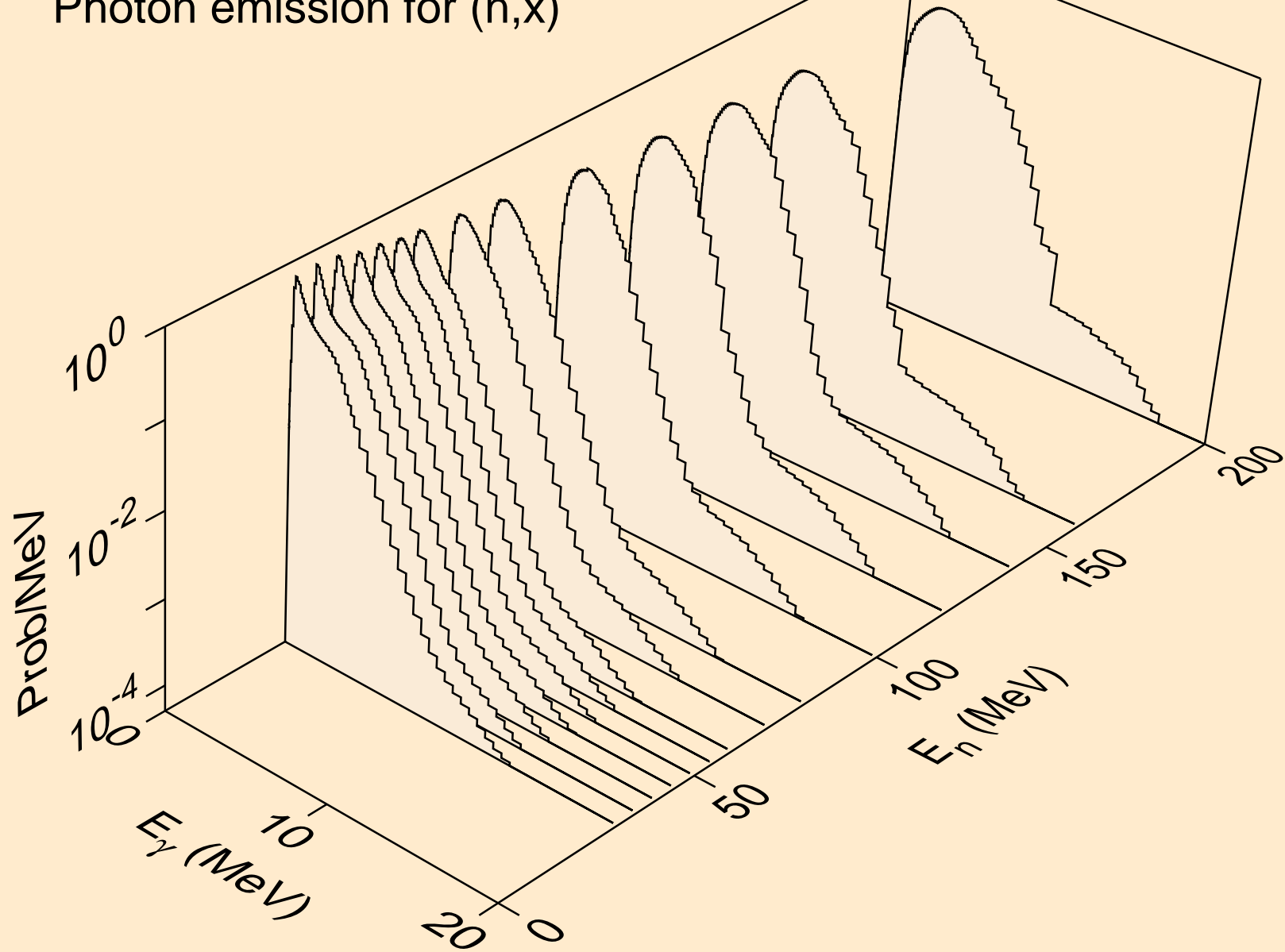
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Proton emission for (p,pt)



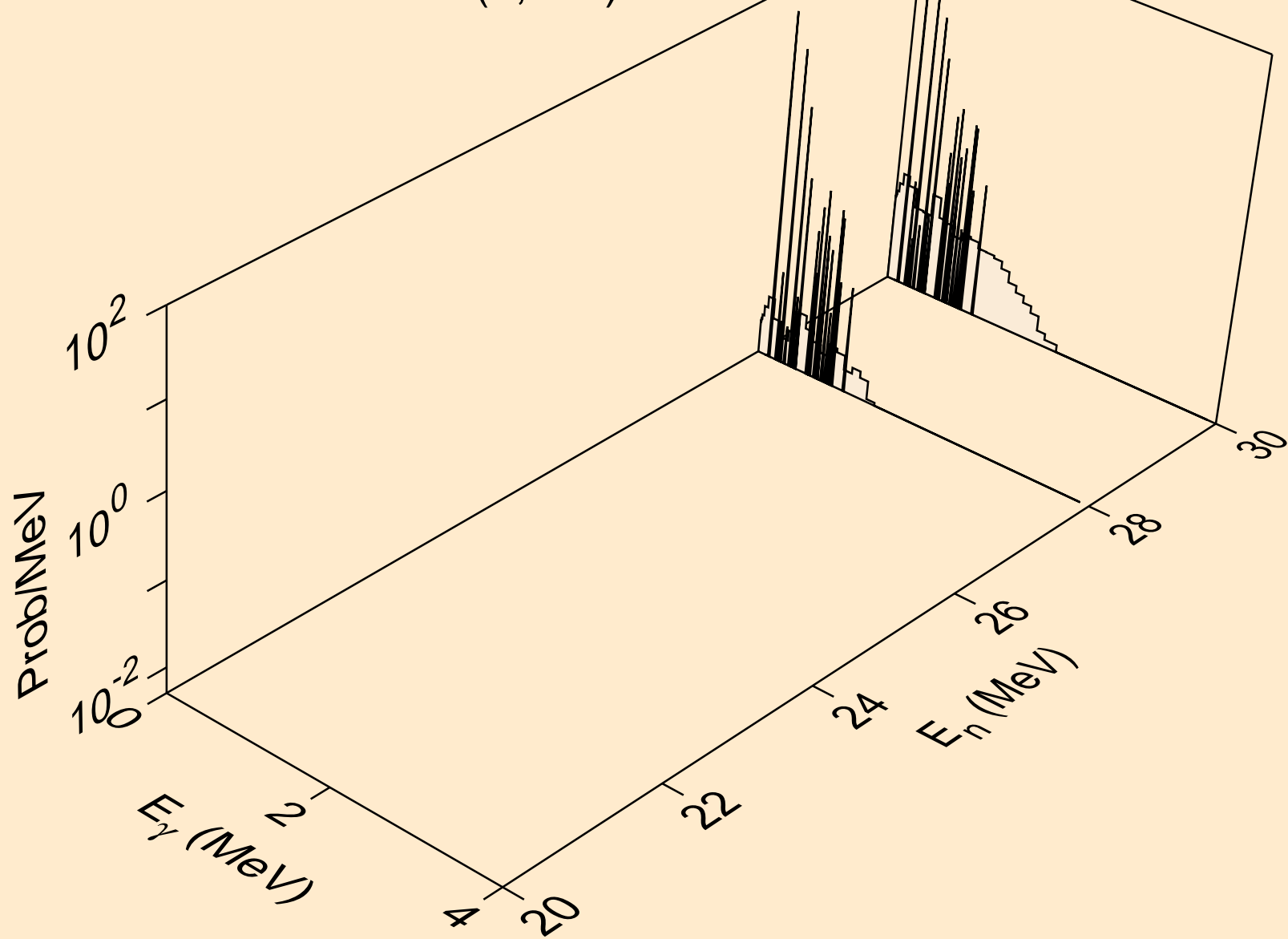
OS183M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



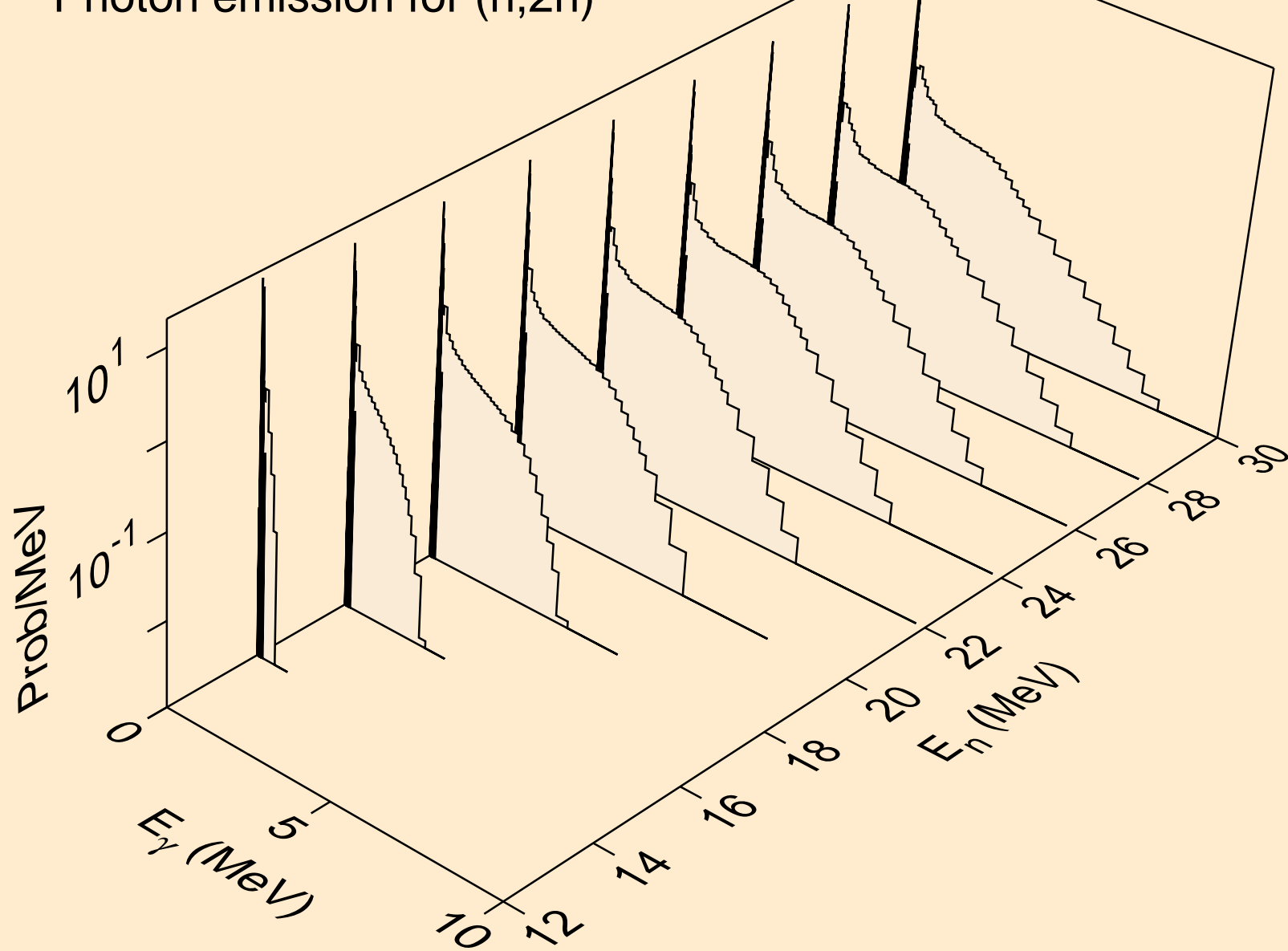
OS183M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



OS183M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)

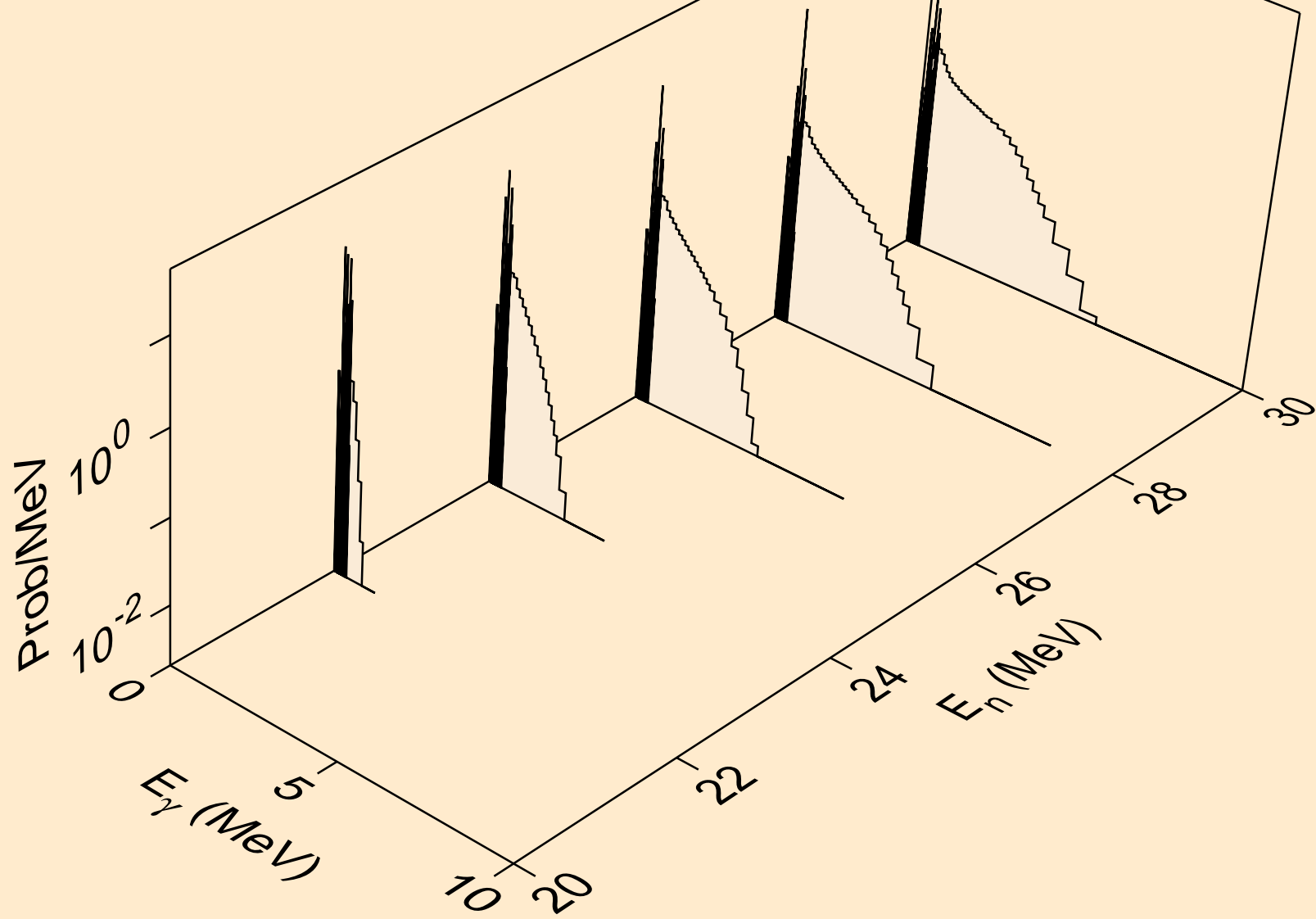


OS183M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)

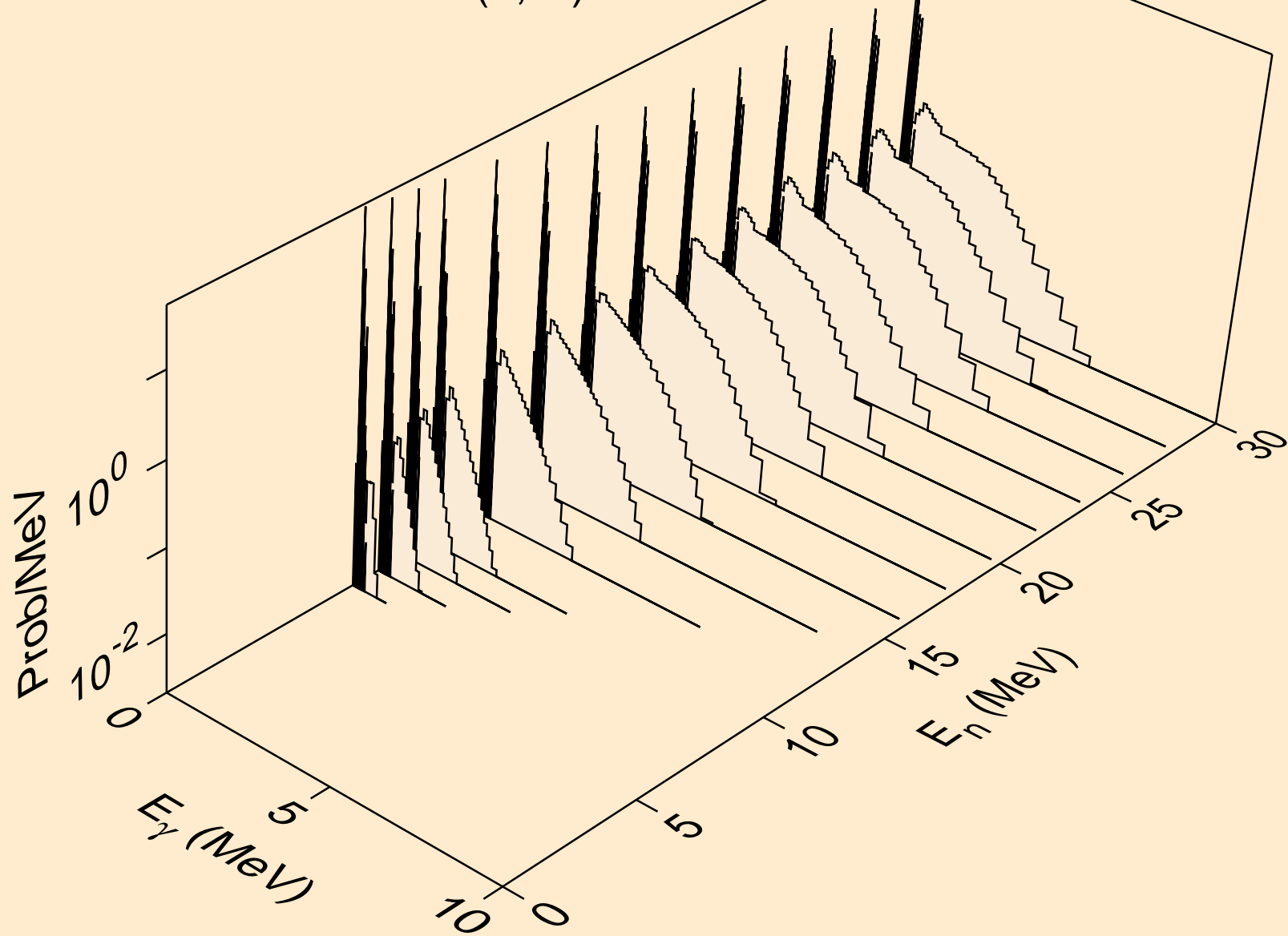




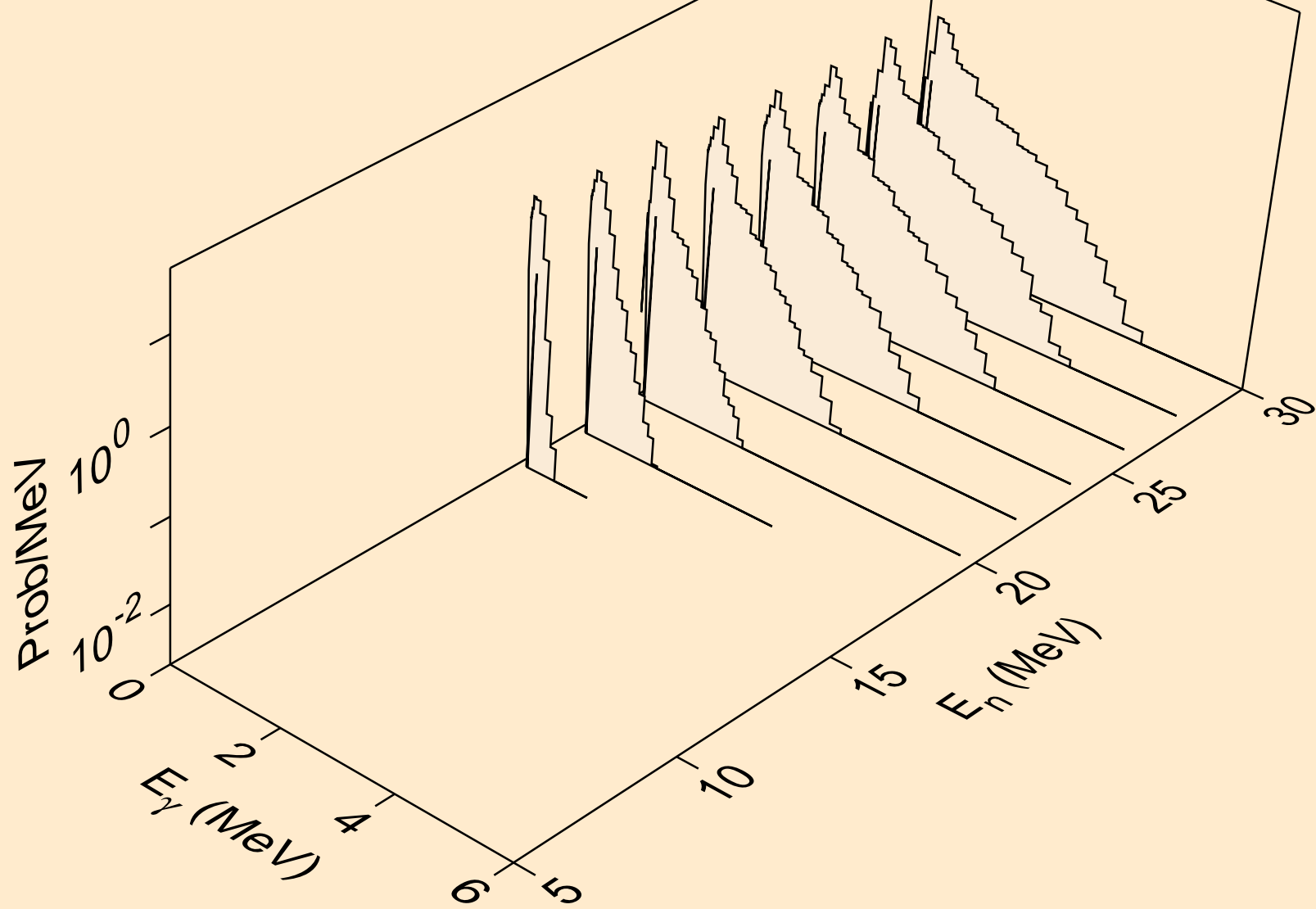
OS183M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



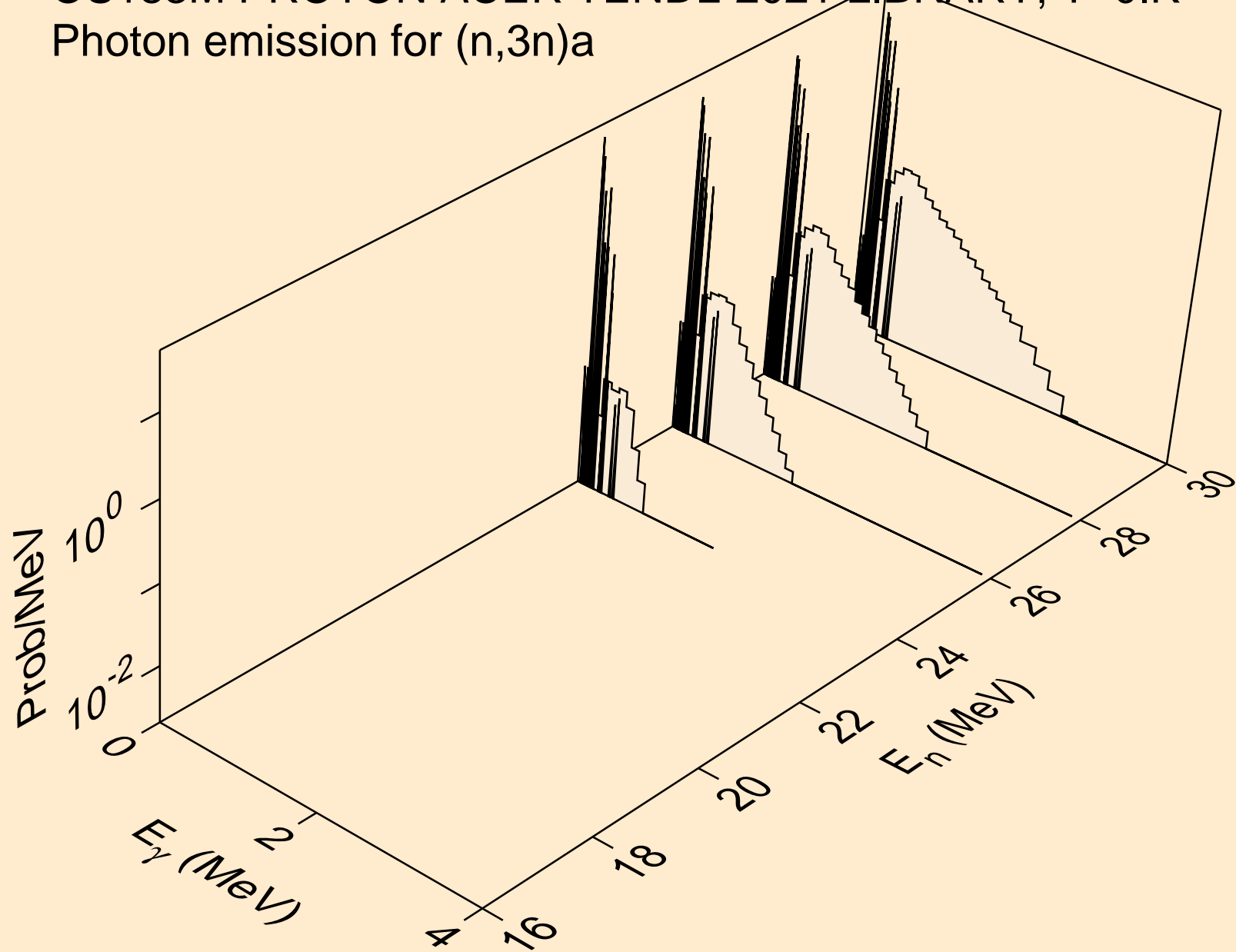
OS183M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



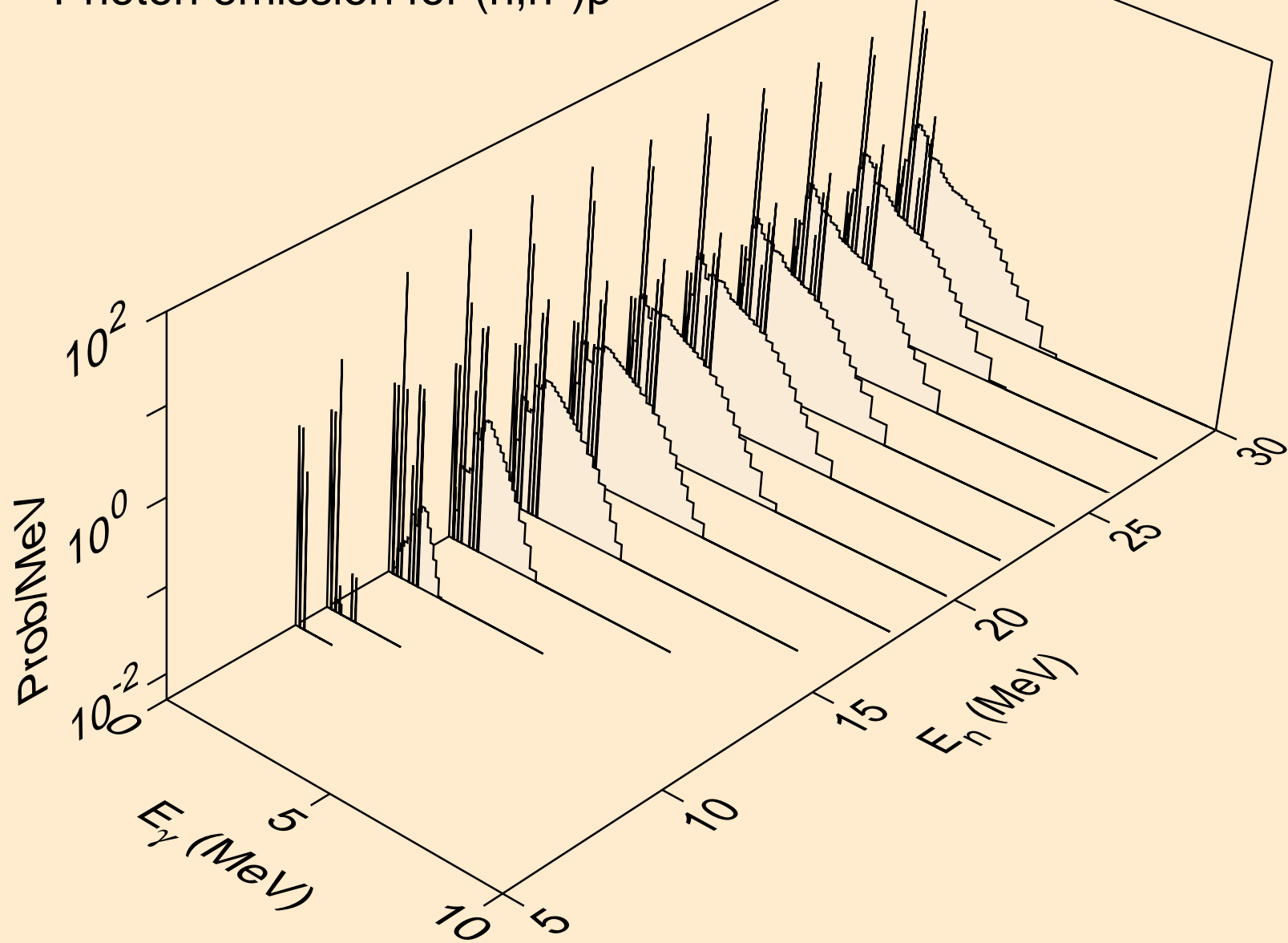
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Photon emission for (n,2n) $\alpha$



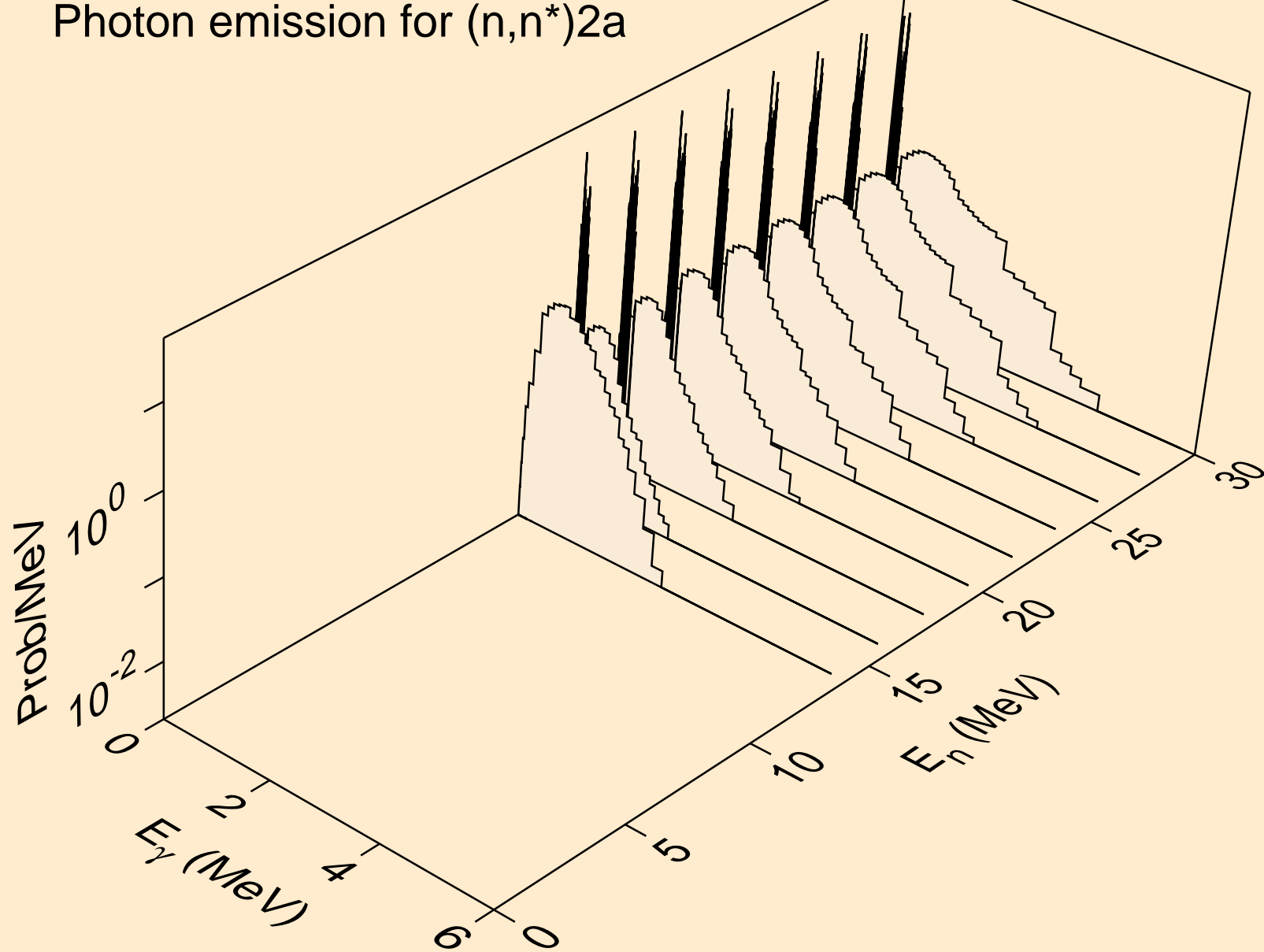
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Photon emission for (n,3n)a



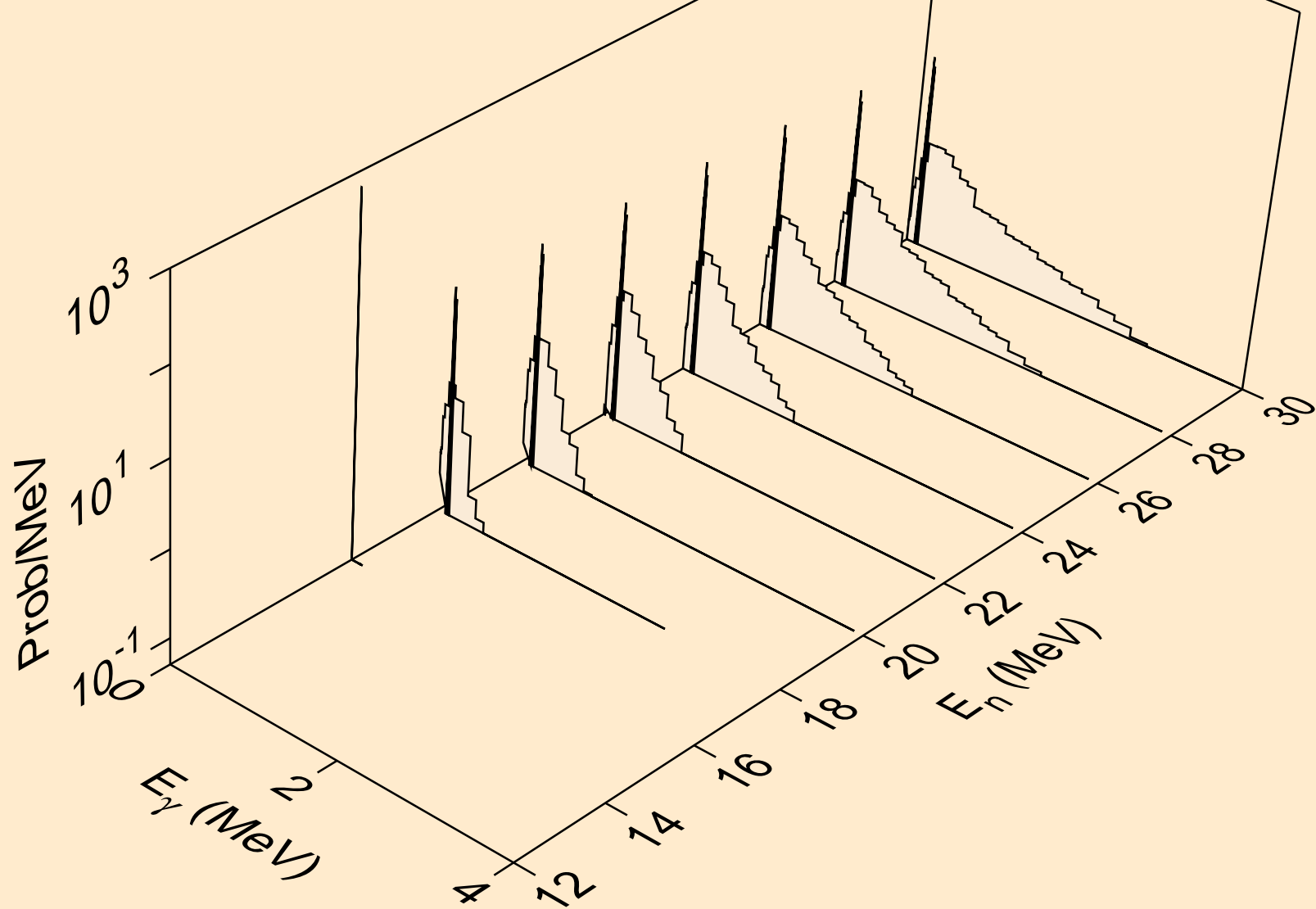
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Photon emission for (n,n\*)p



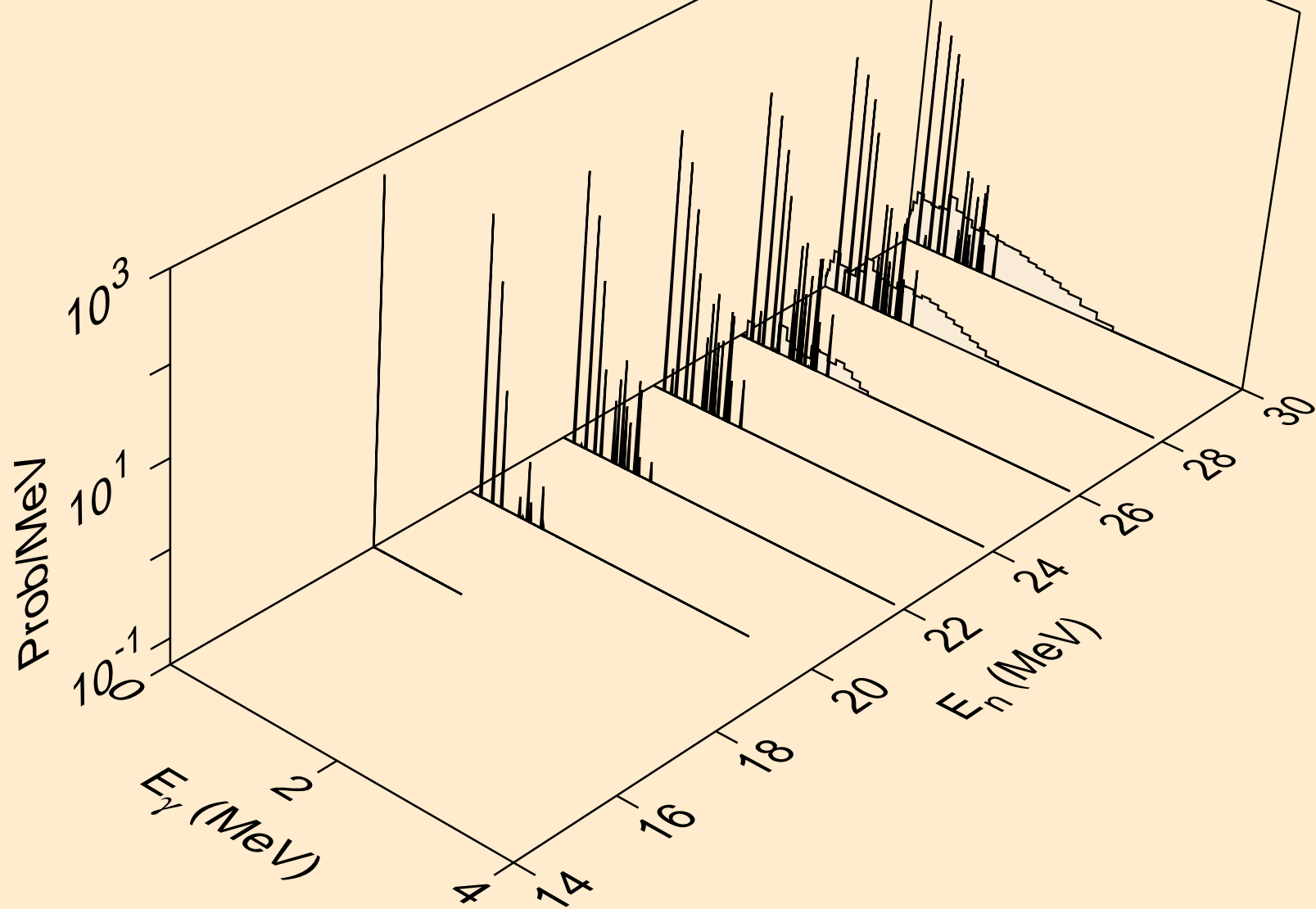
OS183M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



OS183M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

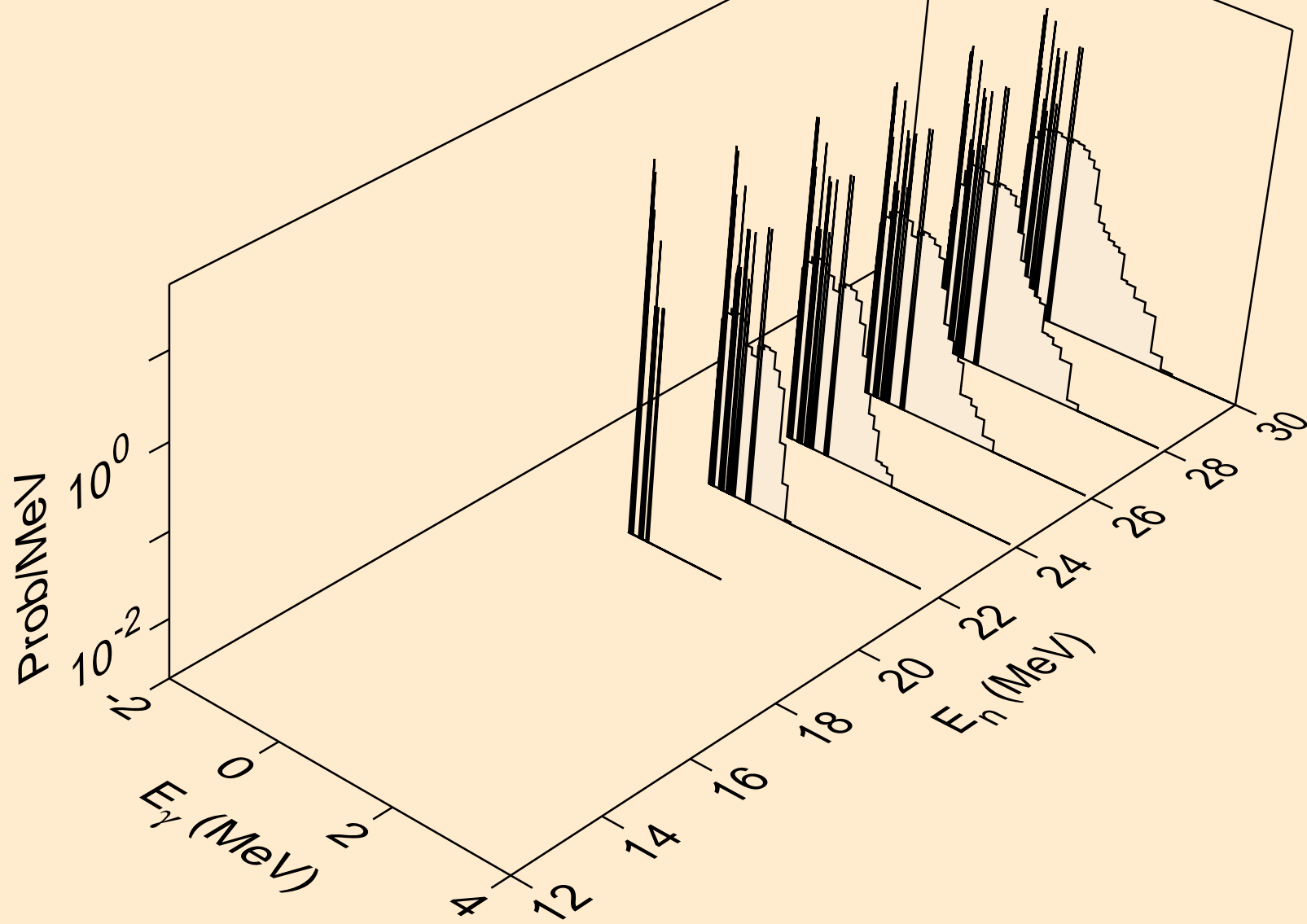


OS183M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

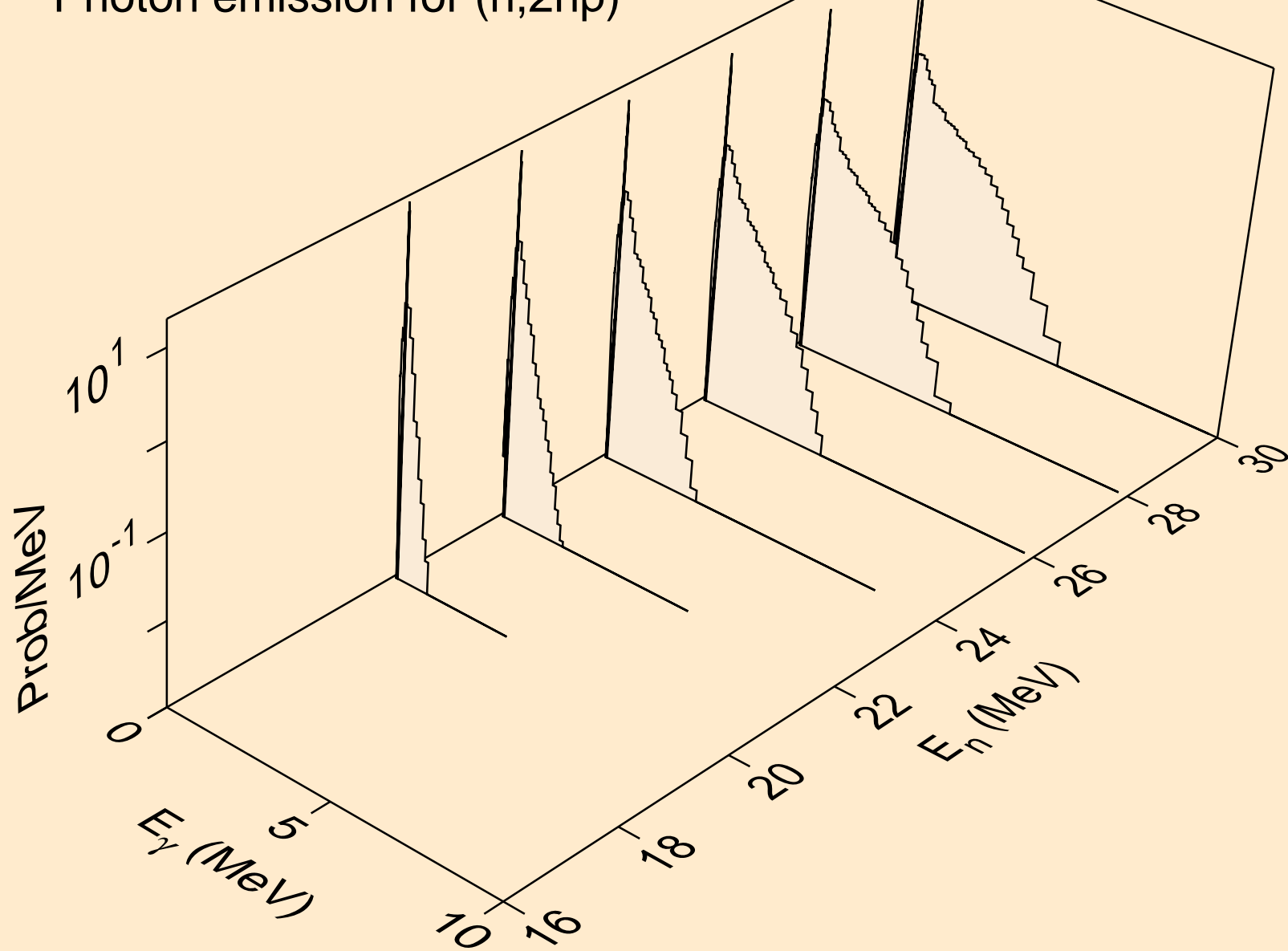




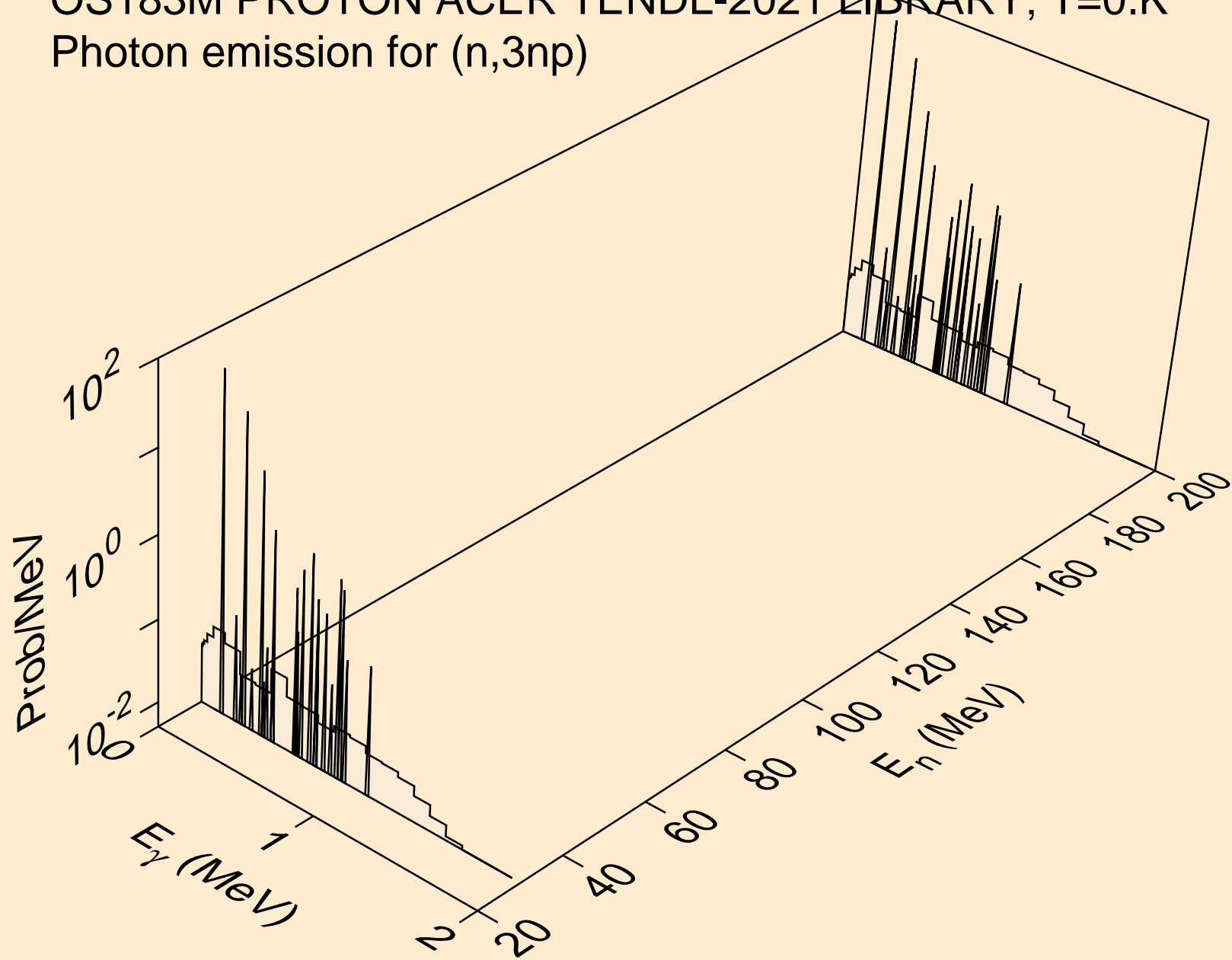
OS183M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



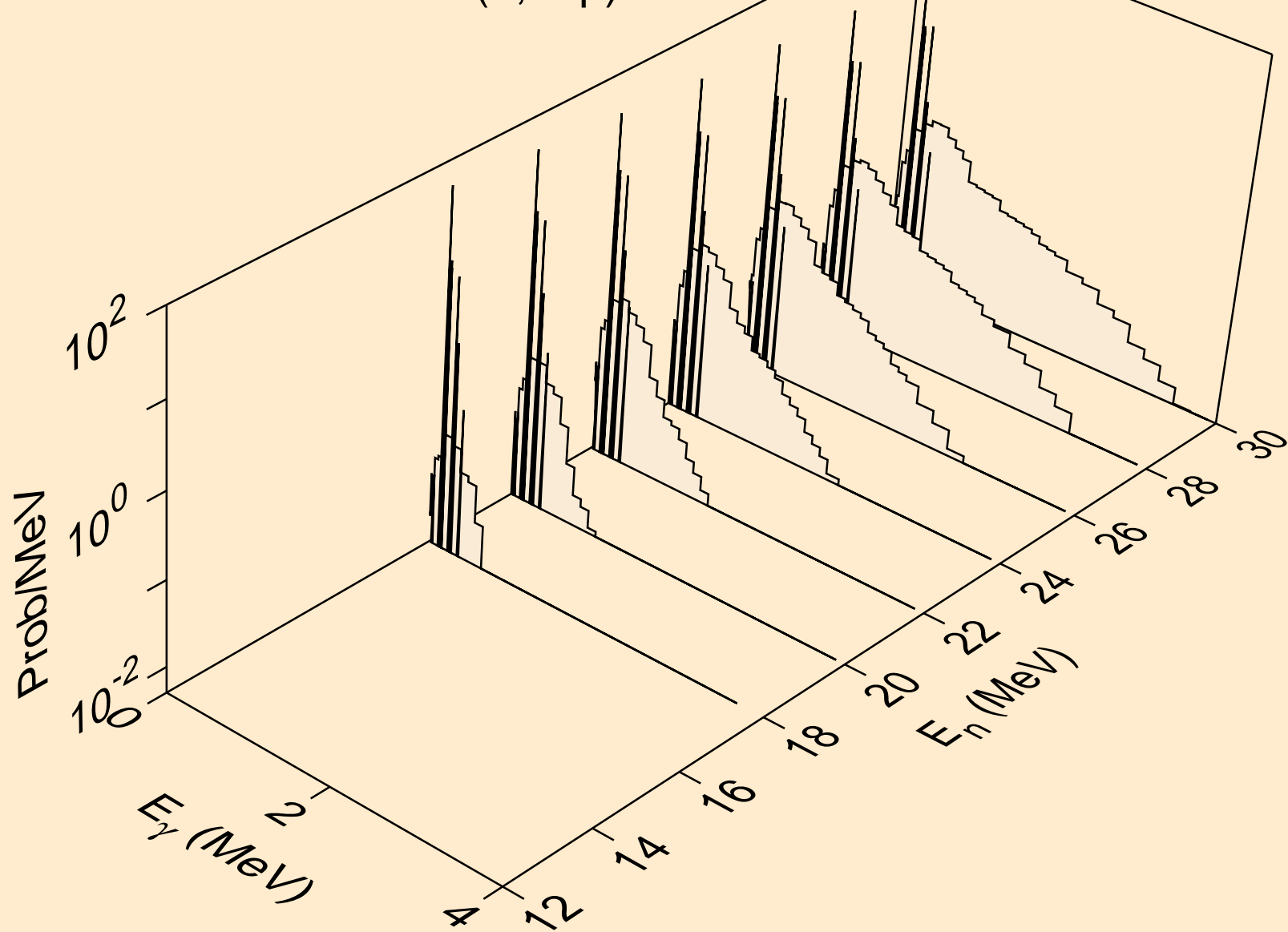
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Photon emission for (n,2np)



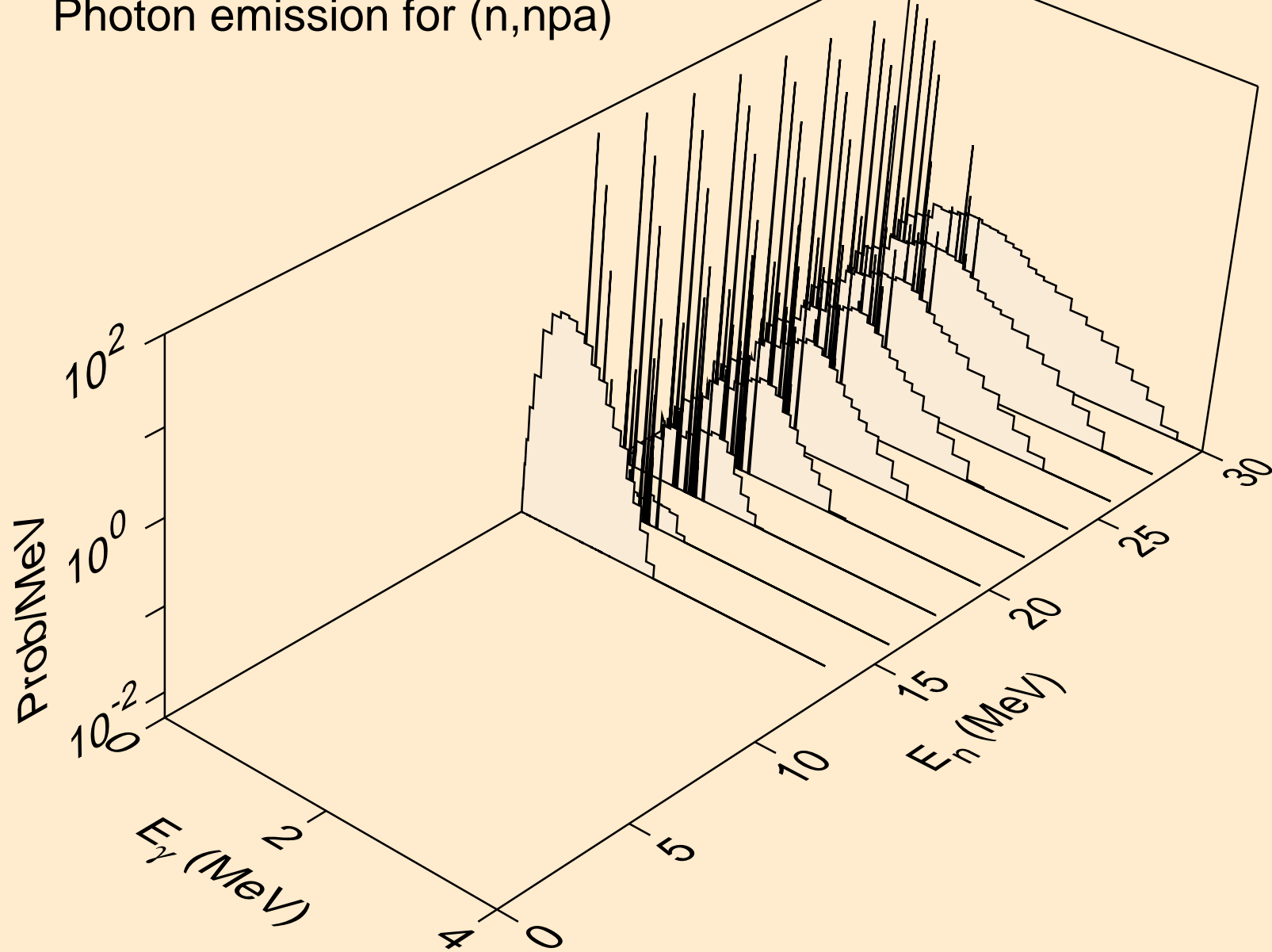
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Photon emission for (n,3np)



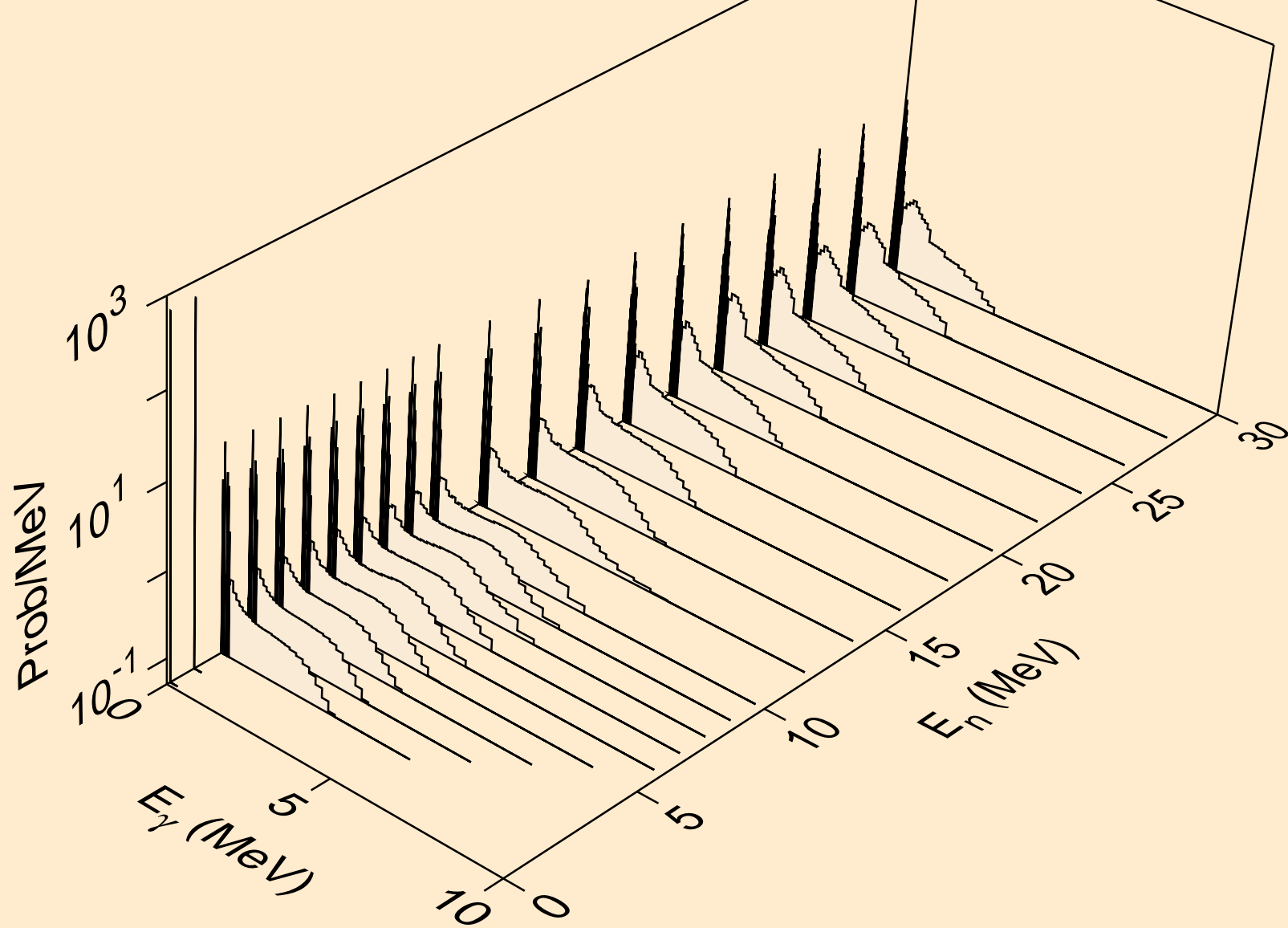
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Photon emission for (n,2np)



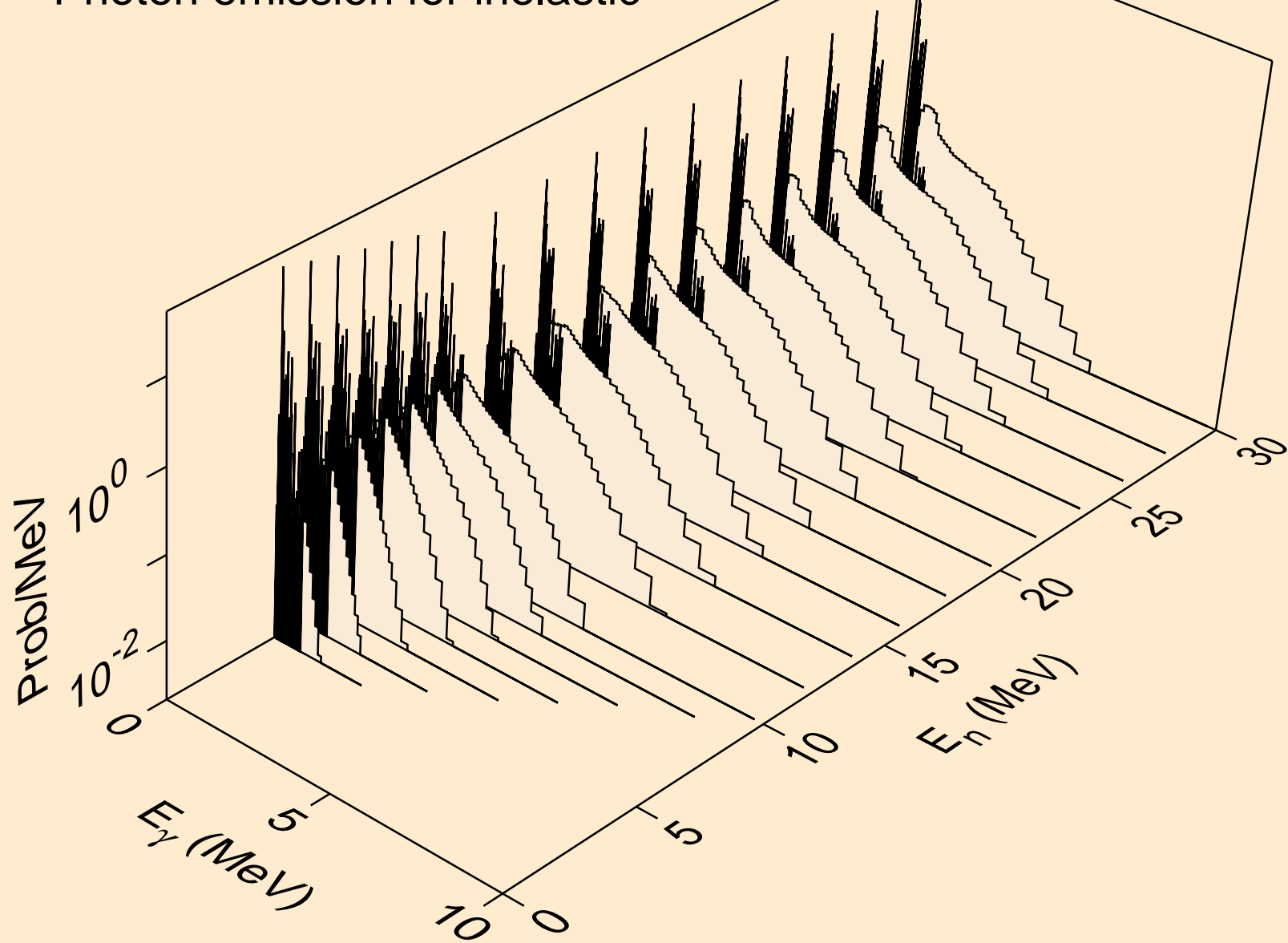
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Photon emission for (n,npa)



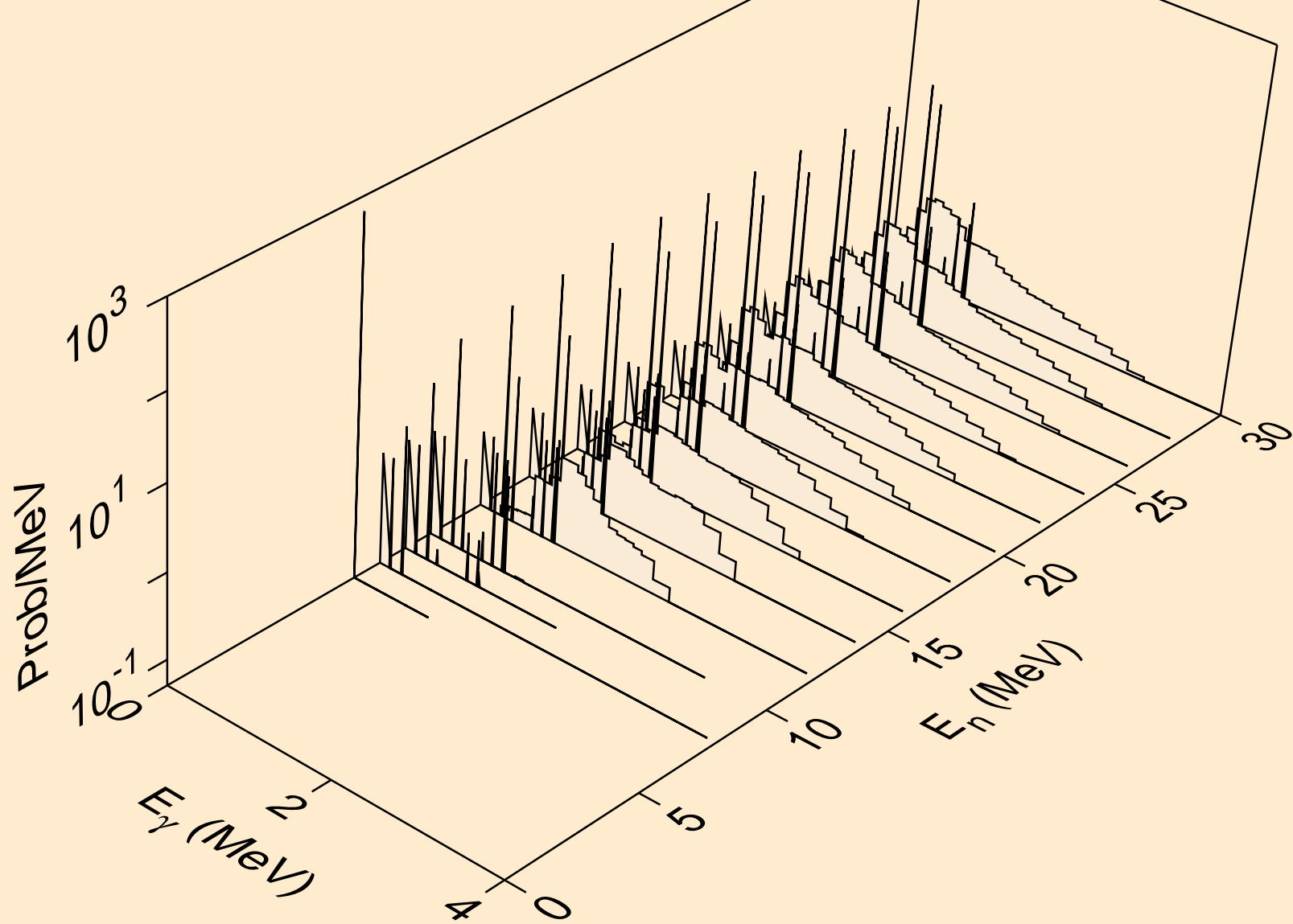
OS183M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,gma)



OS183M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic

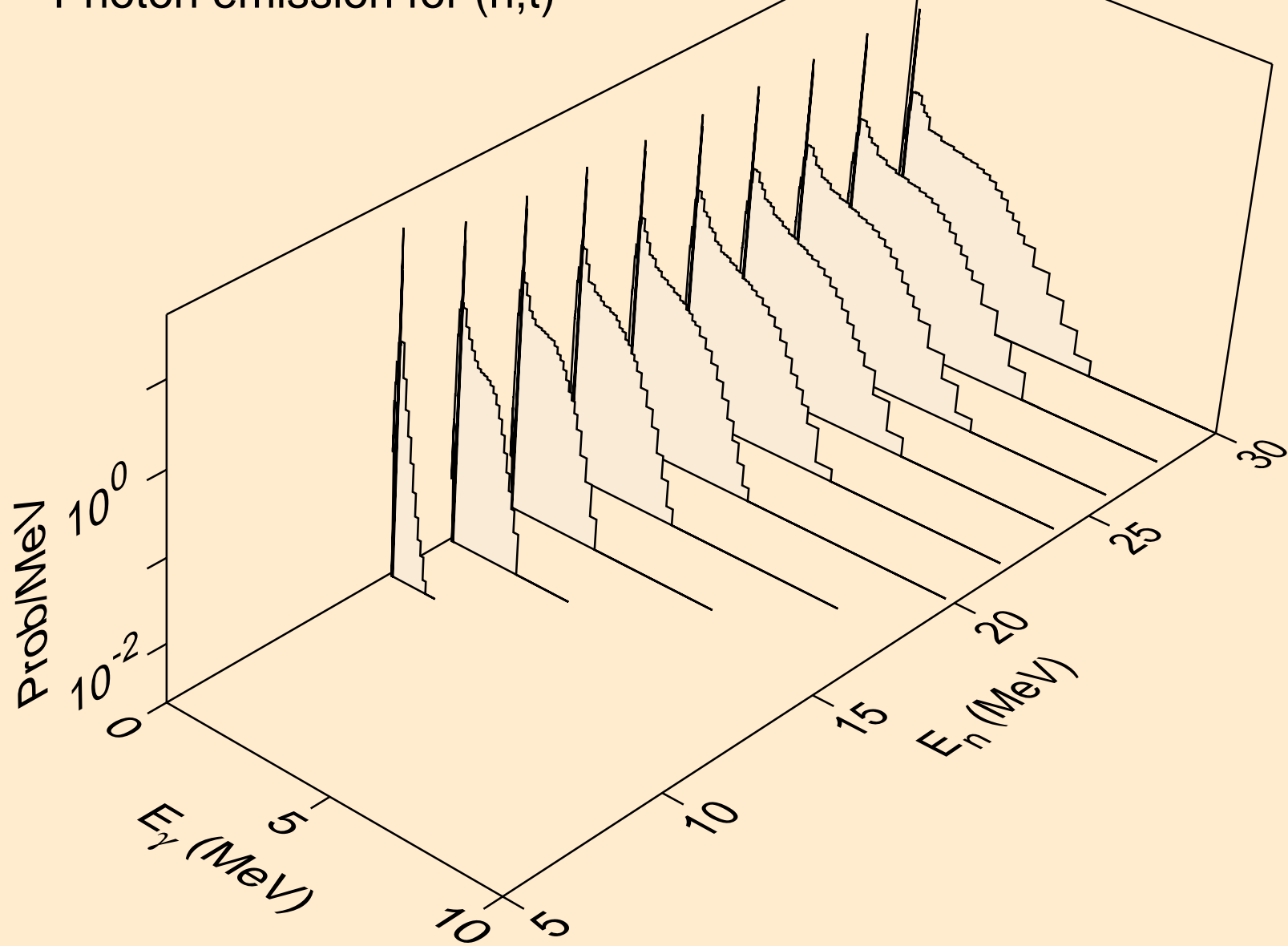


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Photon emission for (n,d)

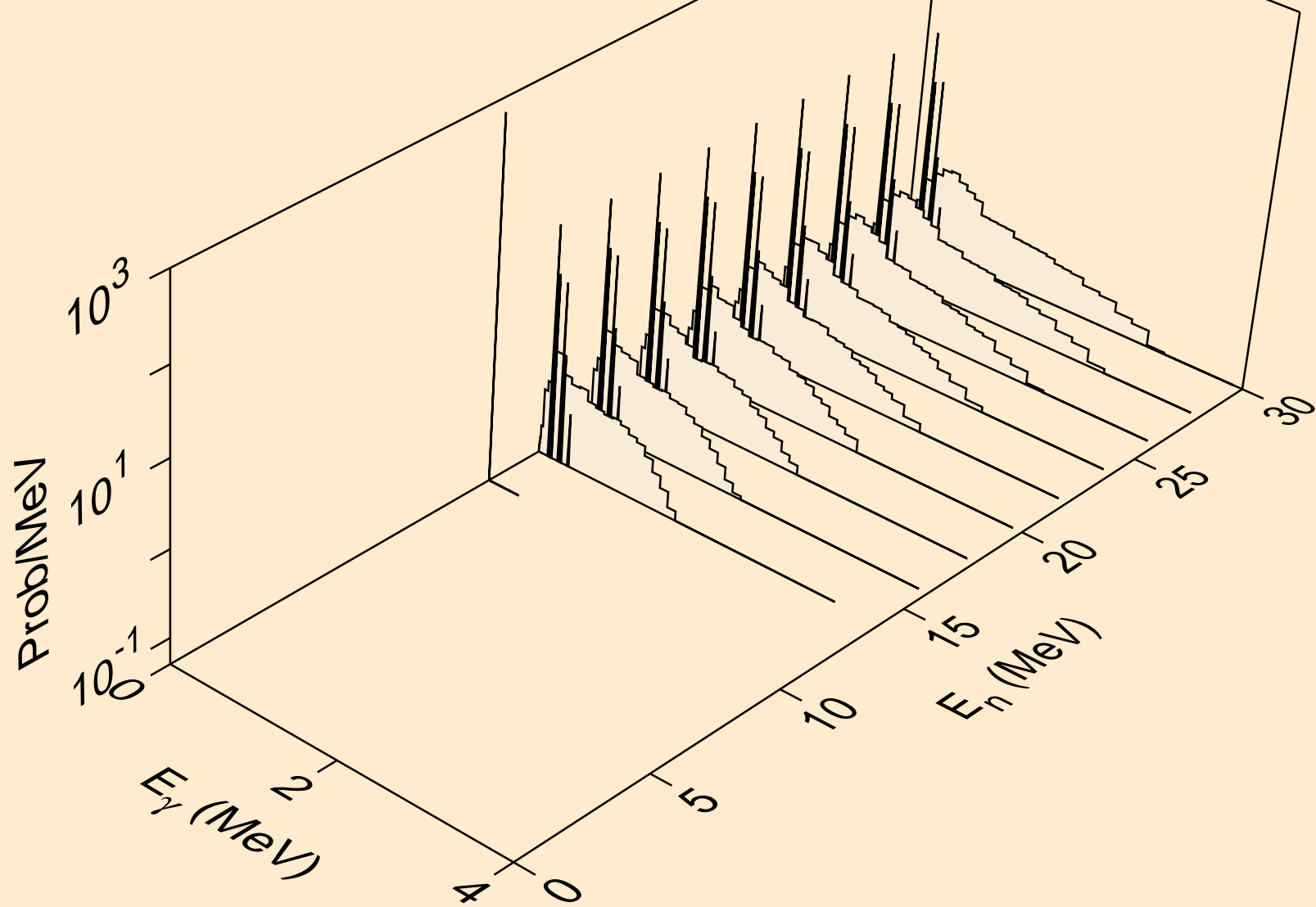




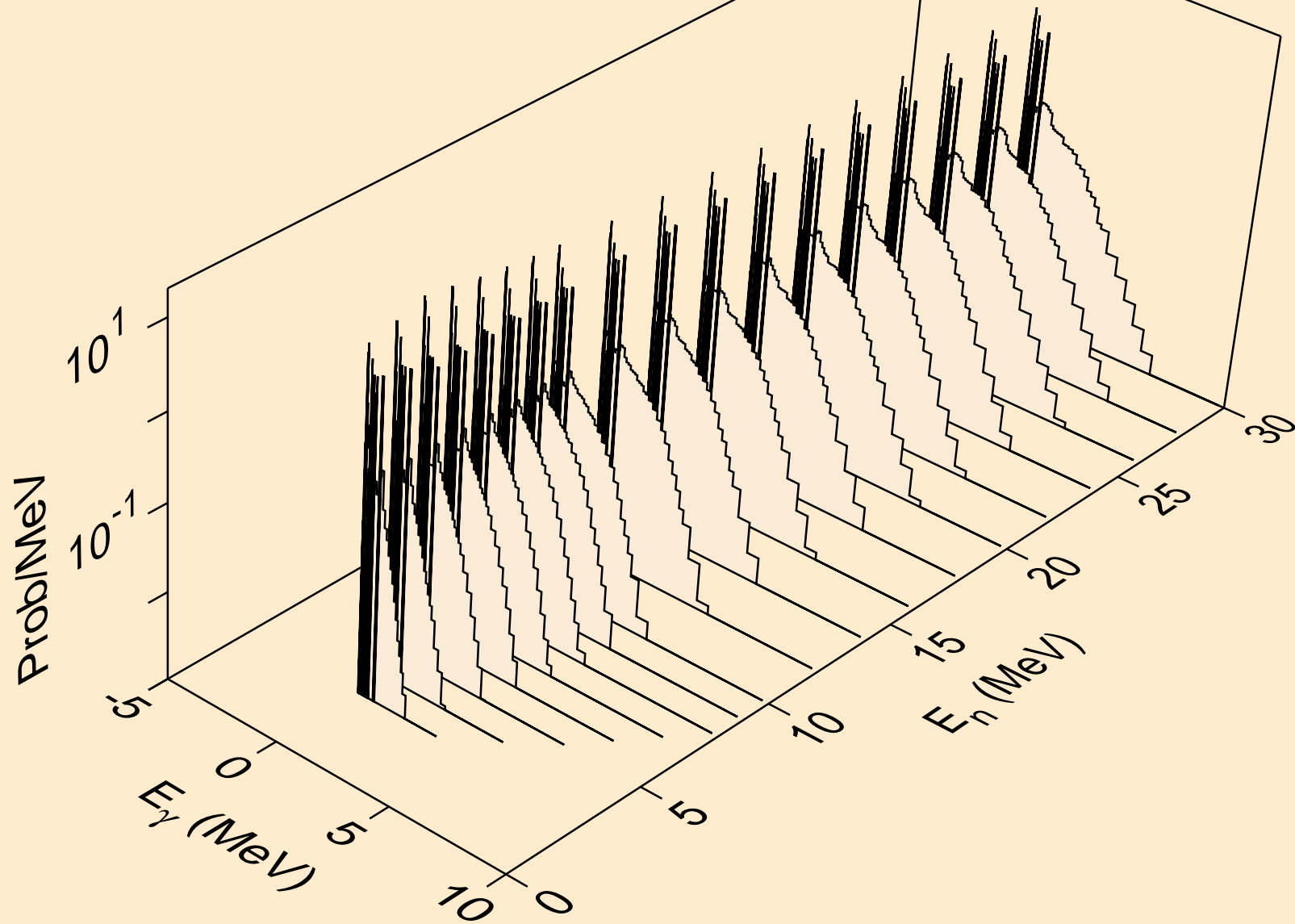
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Photon emission for (n,t)



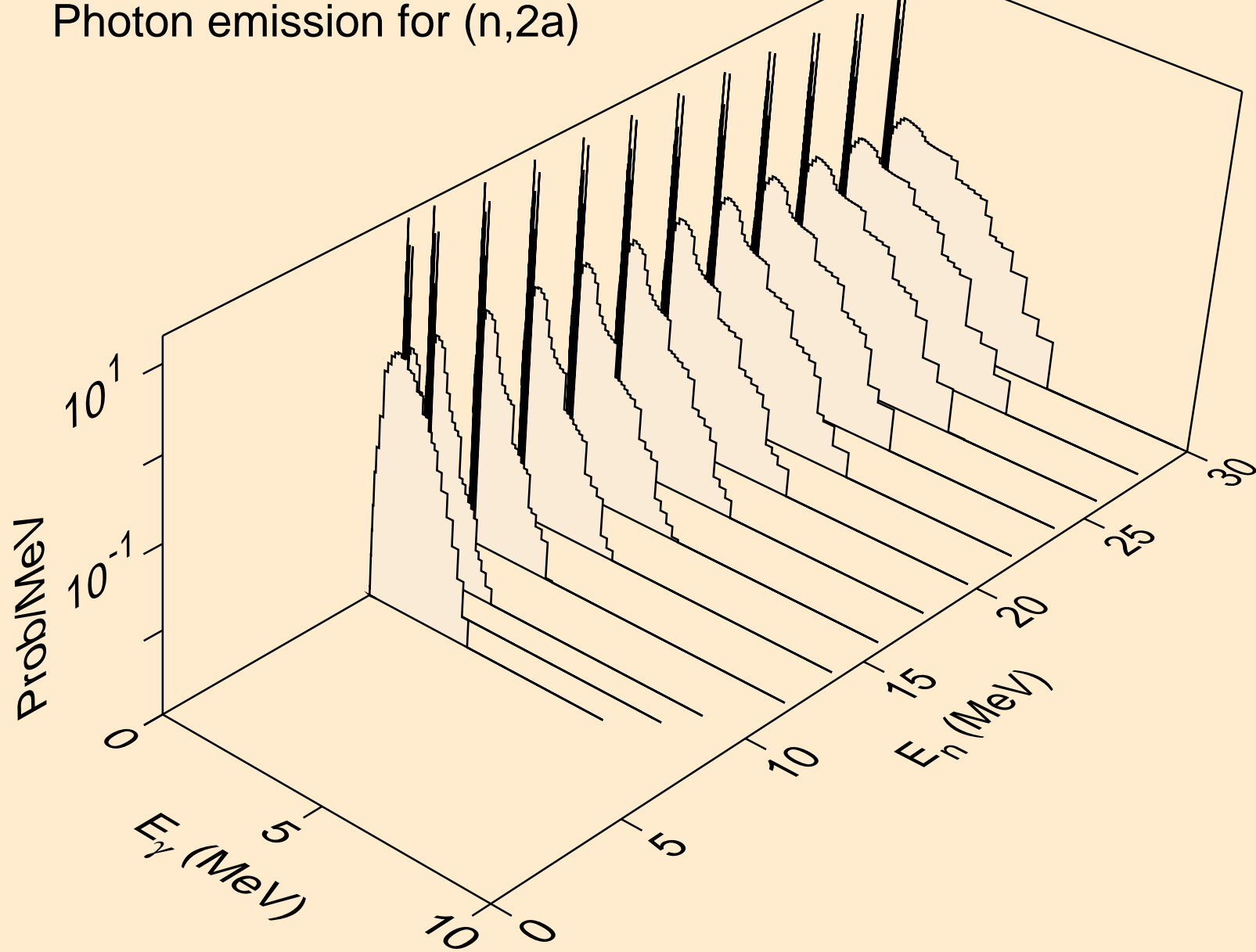
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Photon emission for (n,he3)



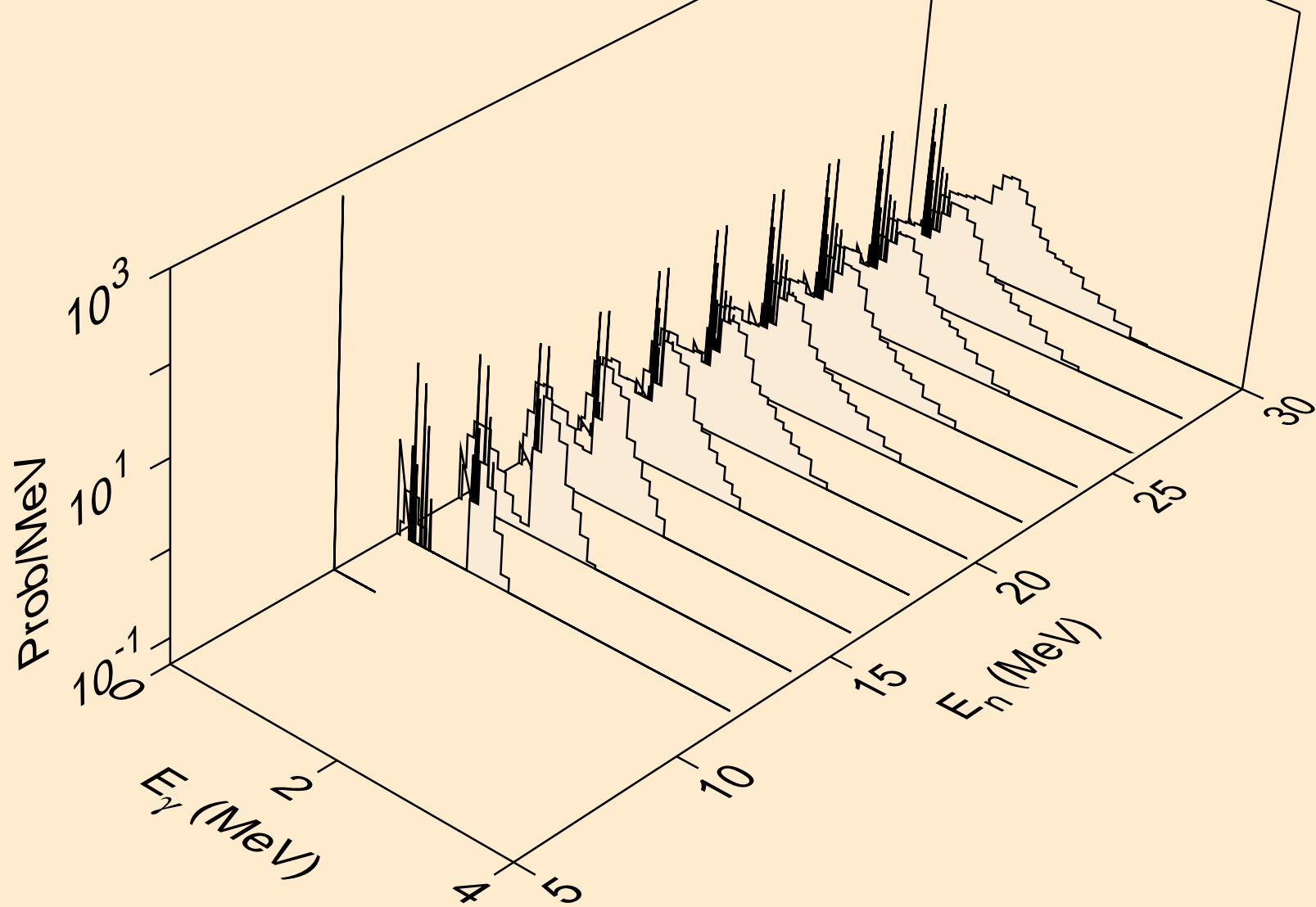
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Photon emission for (n,a)



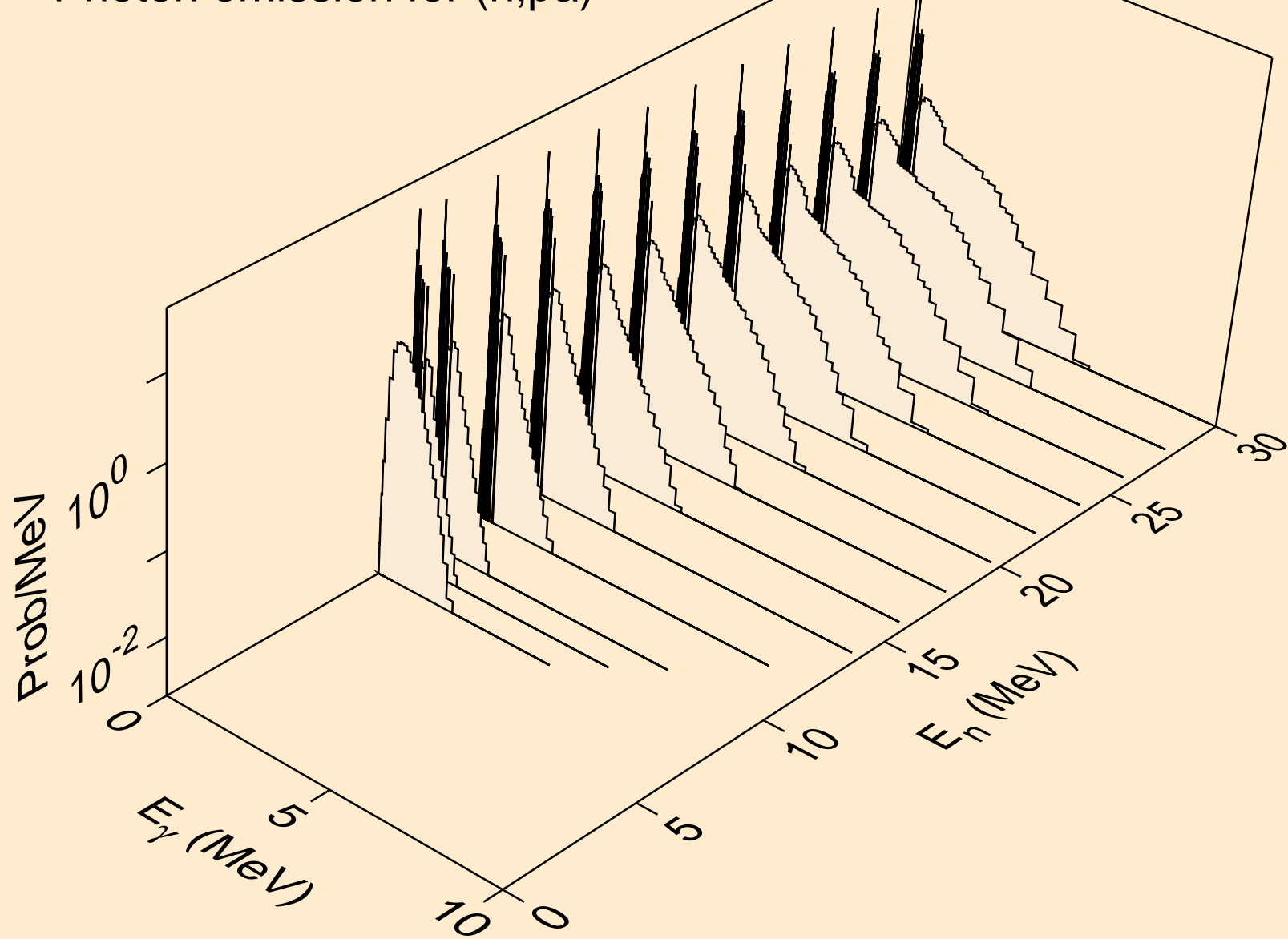
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Photon emission for (n,2a)



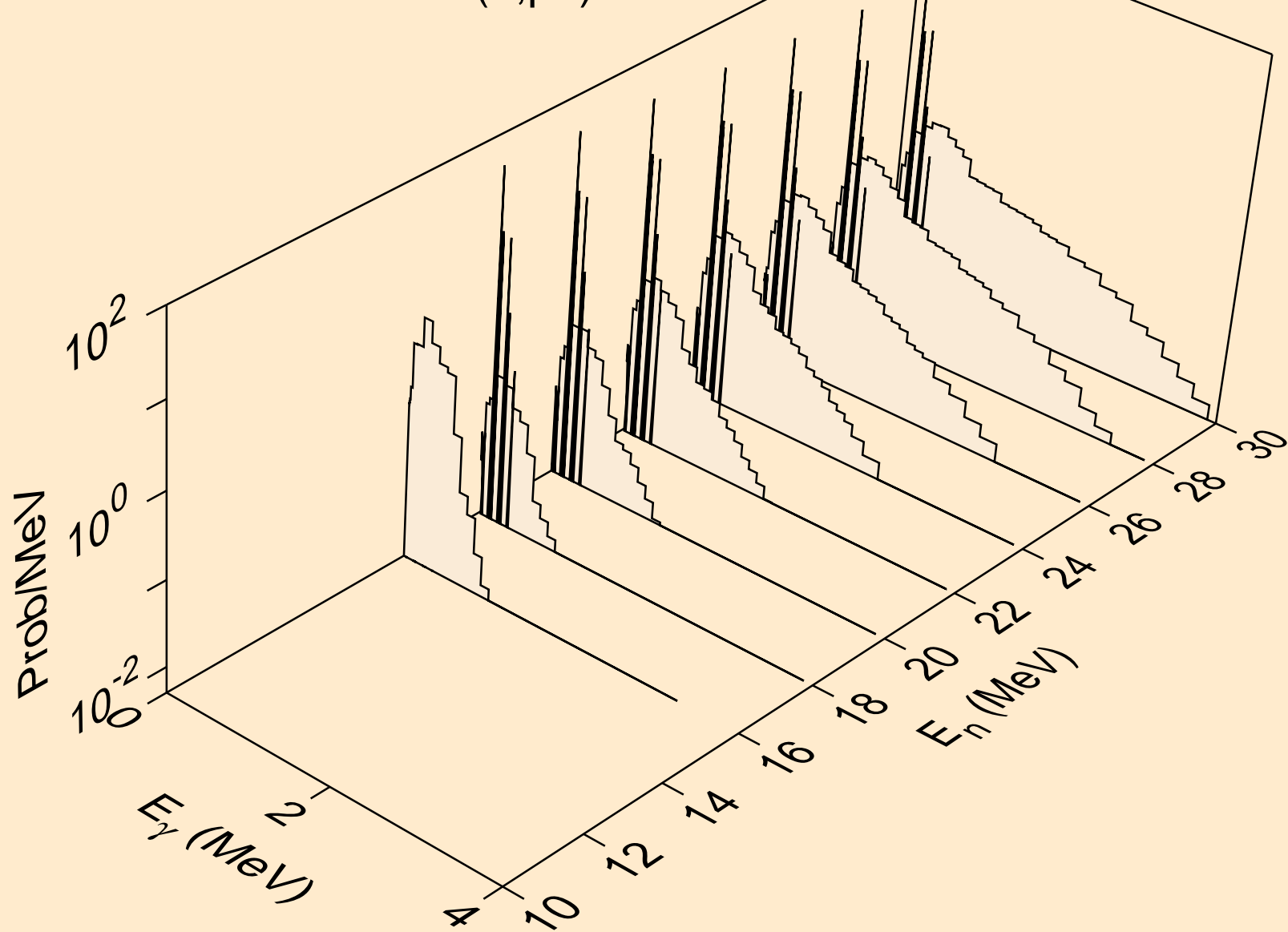
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Photon emission for (n,2p)



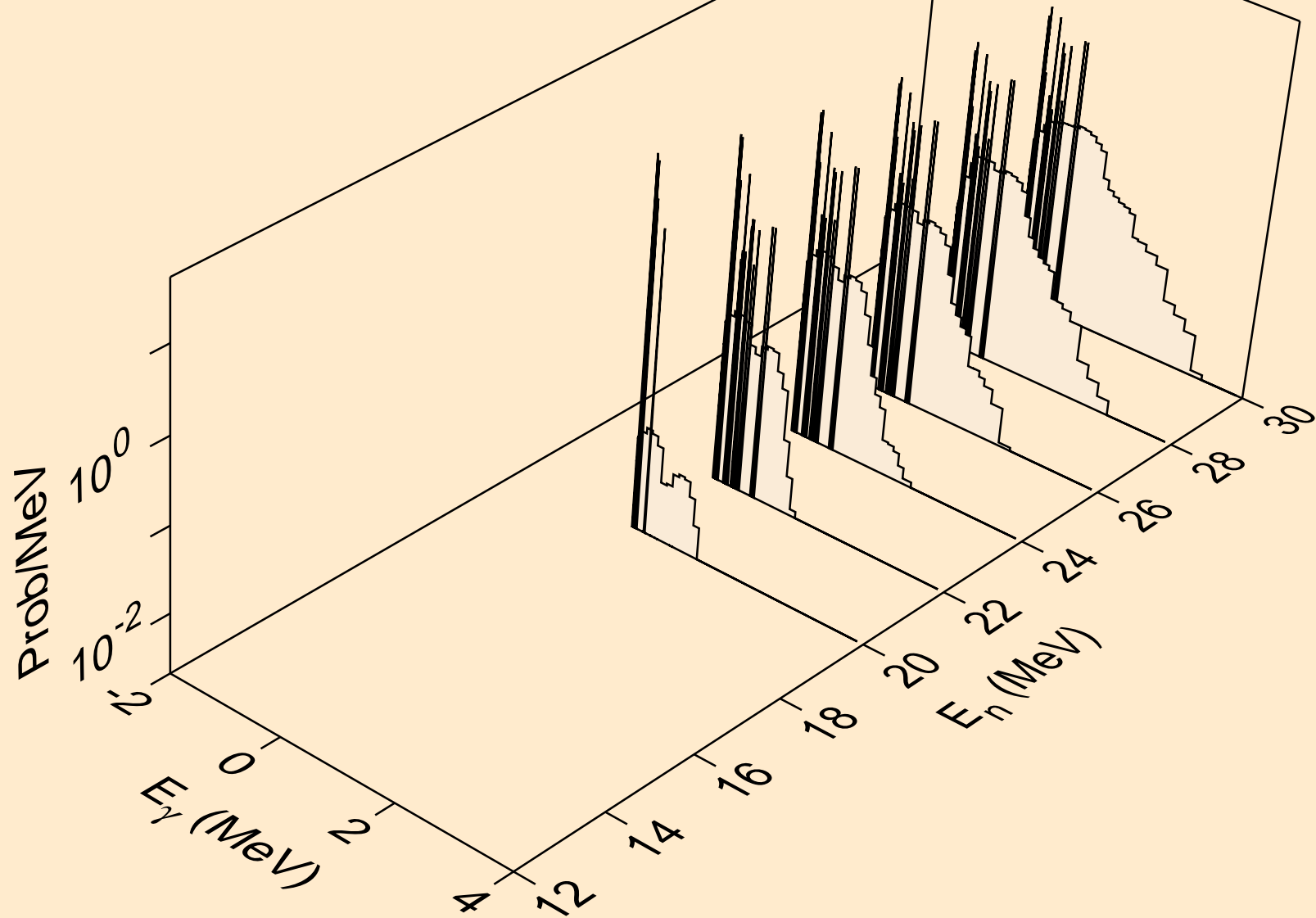
OS183M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pa)



OS183M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)

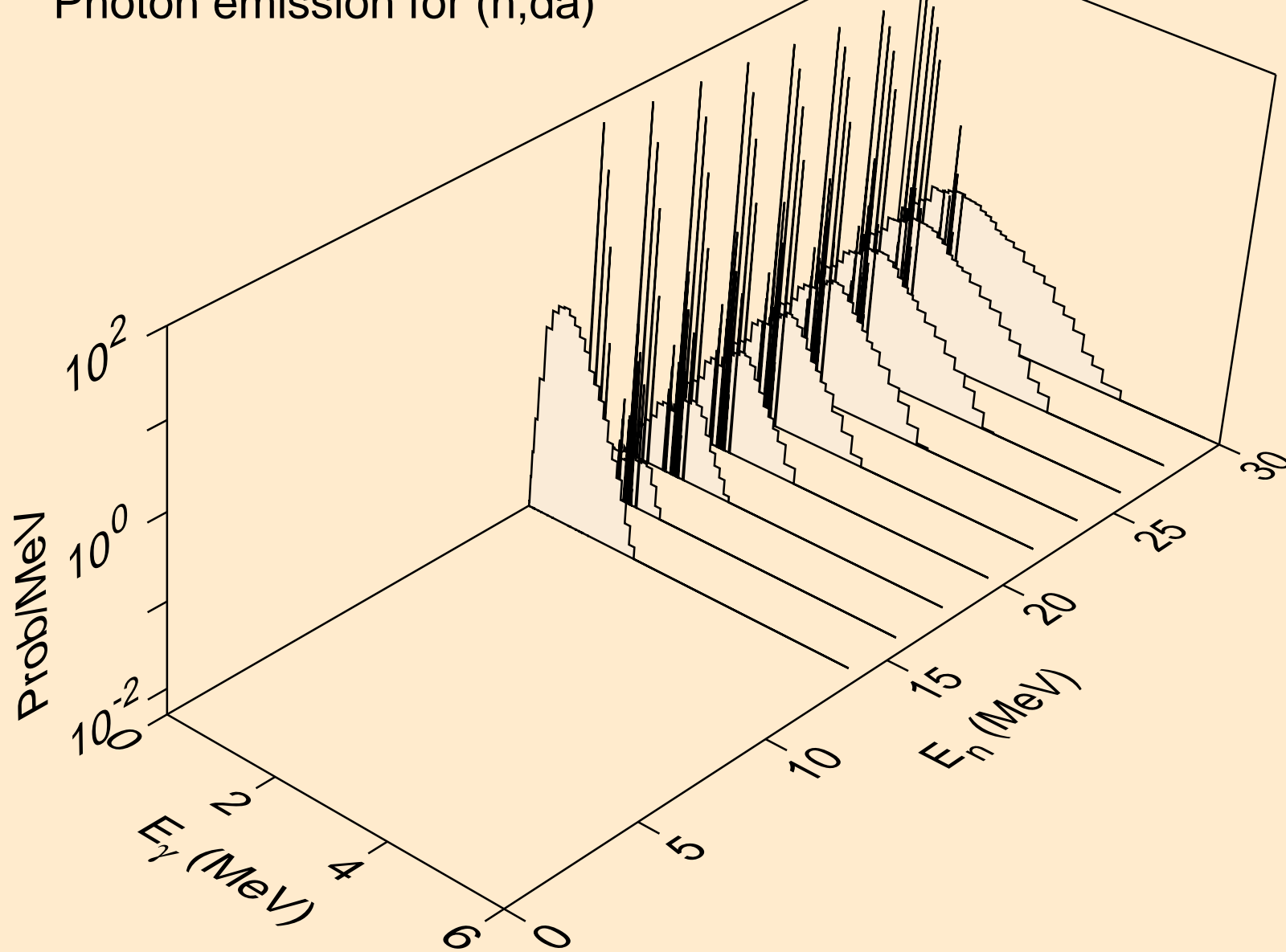


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Photon emission for (n,pt)



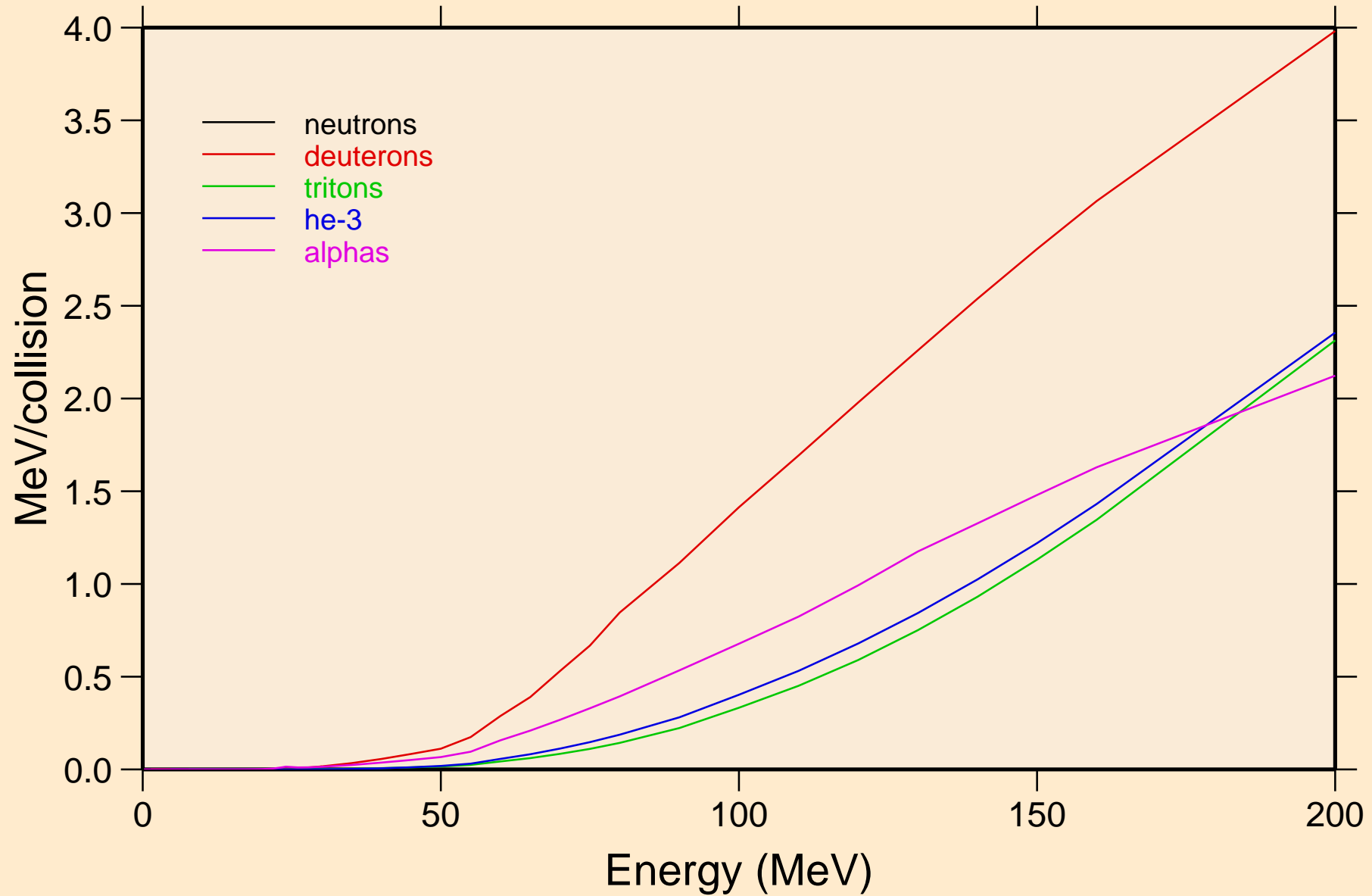


OS183M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,da)

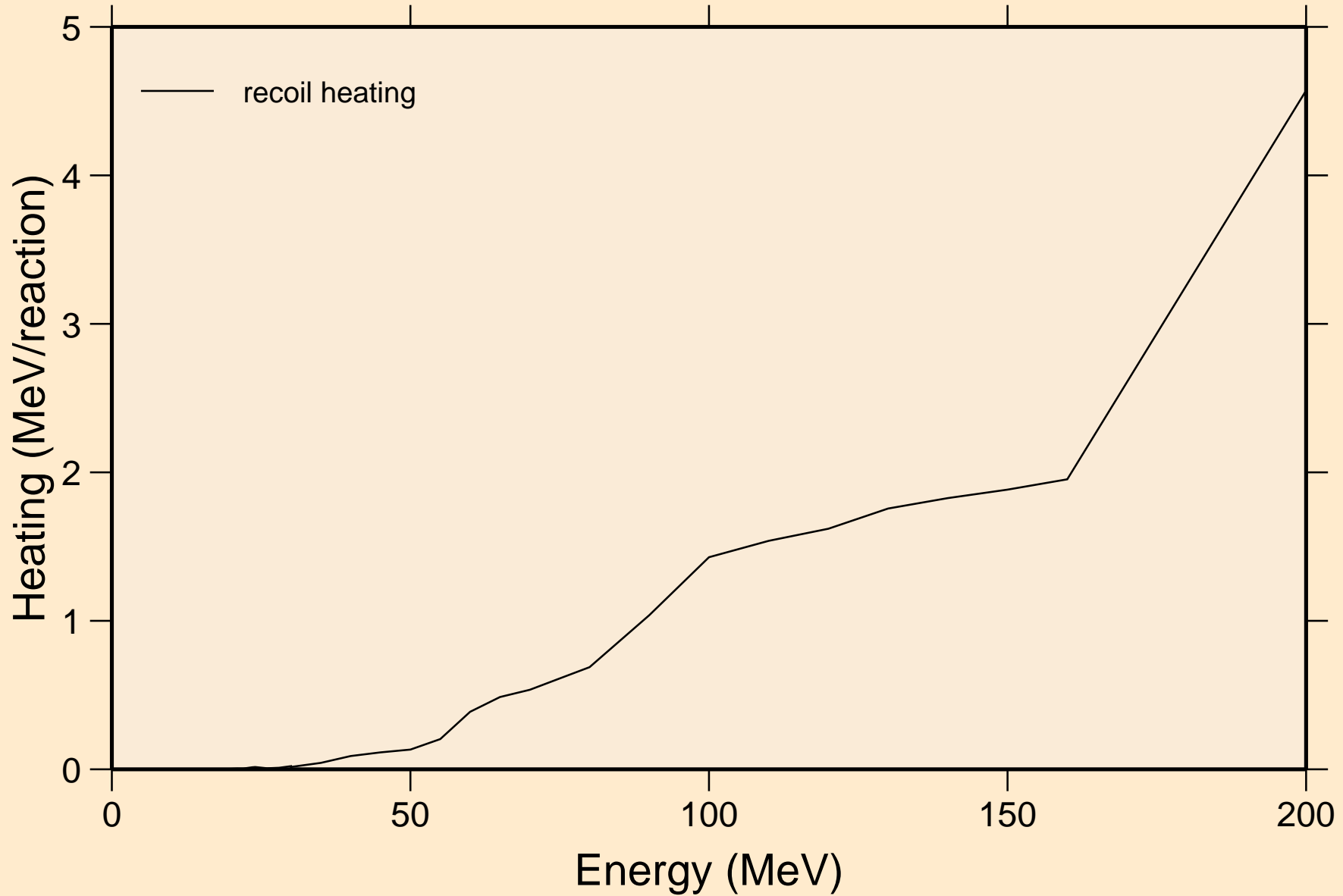


# OS183M PROTON ACER TENDL-2021 LIBRARY; T=0.K

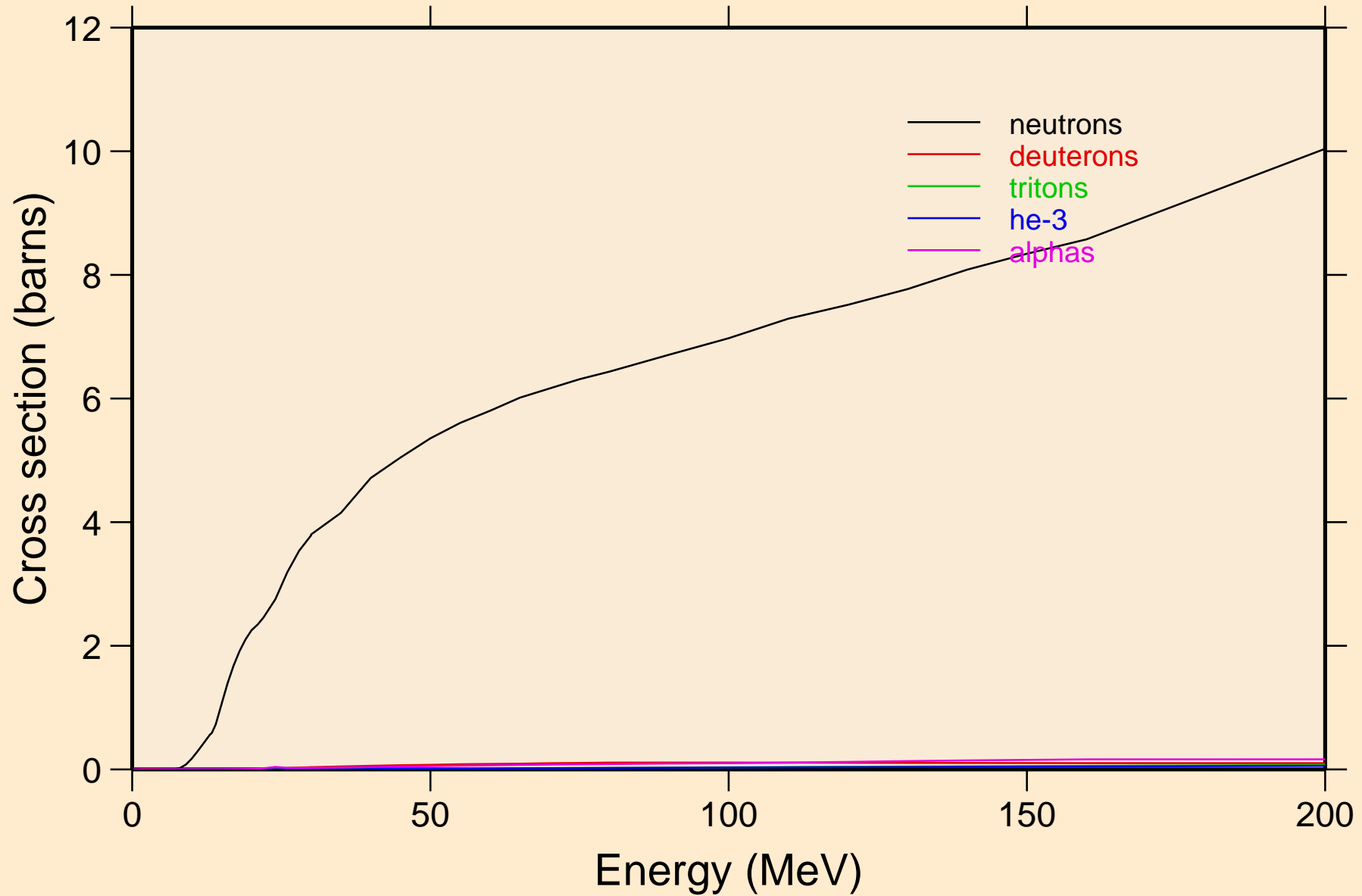
## Particle heating contributions



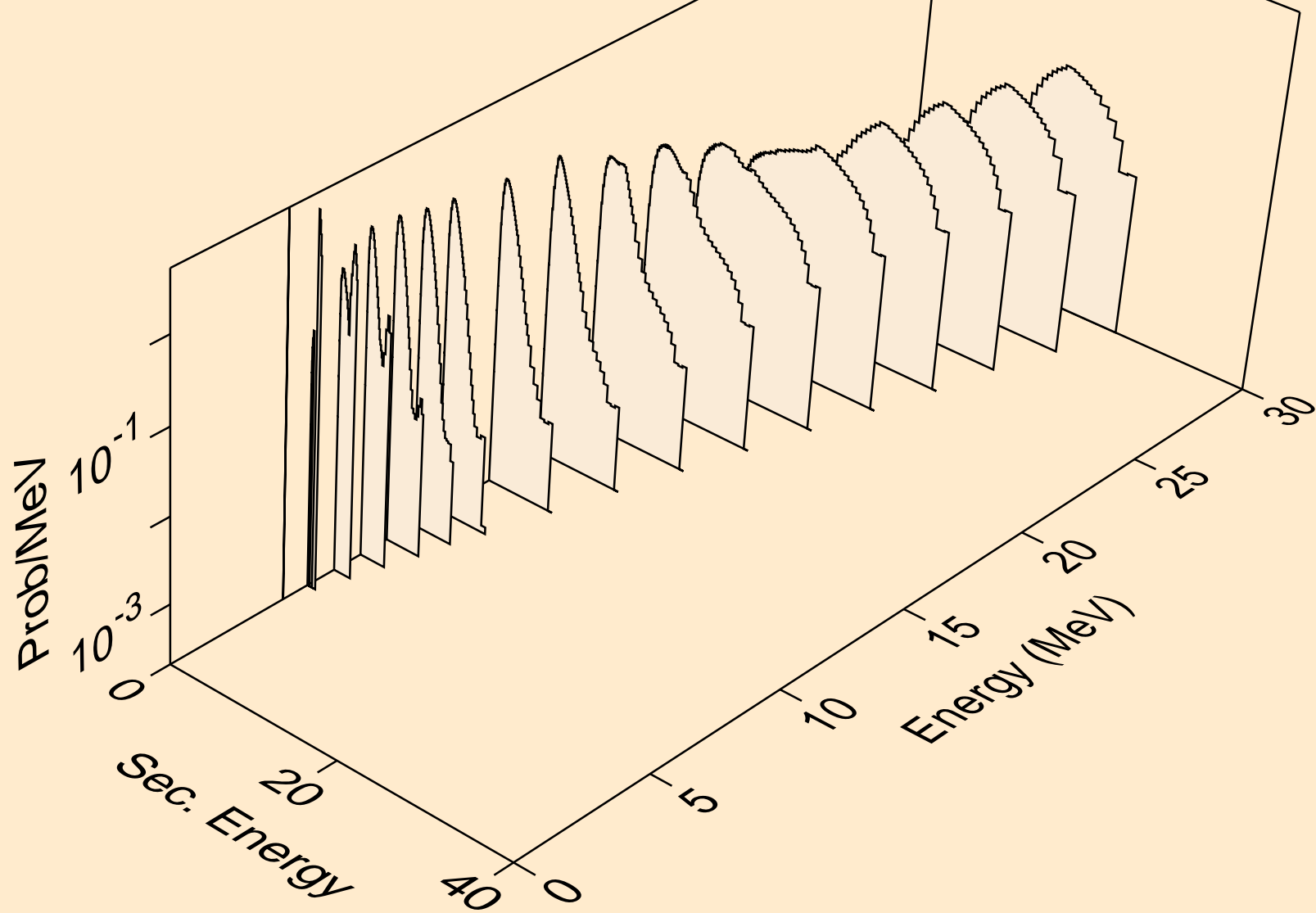
OS183M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating



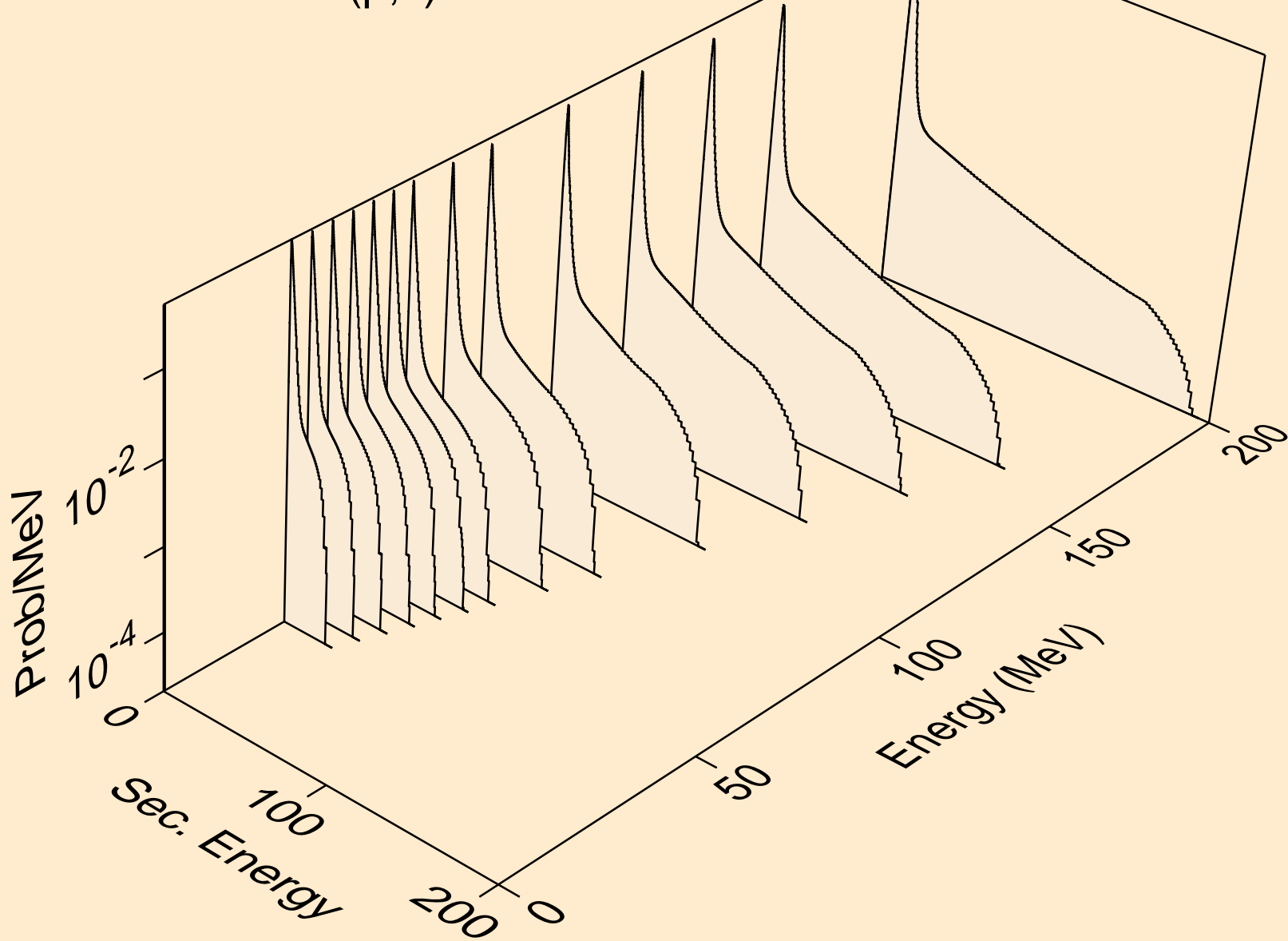
OS183M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



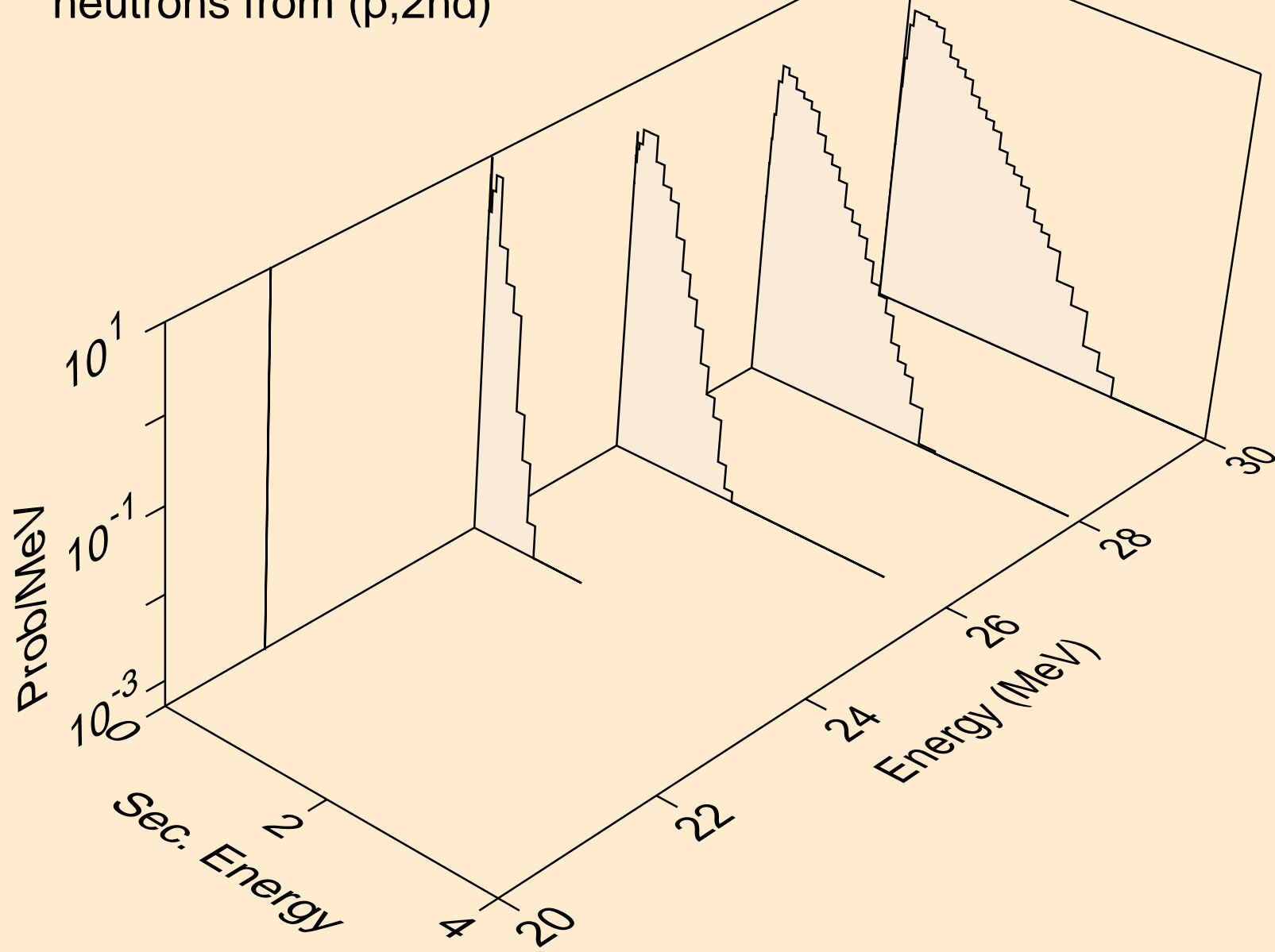
OS183M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n)



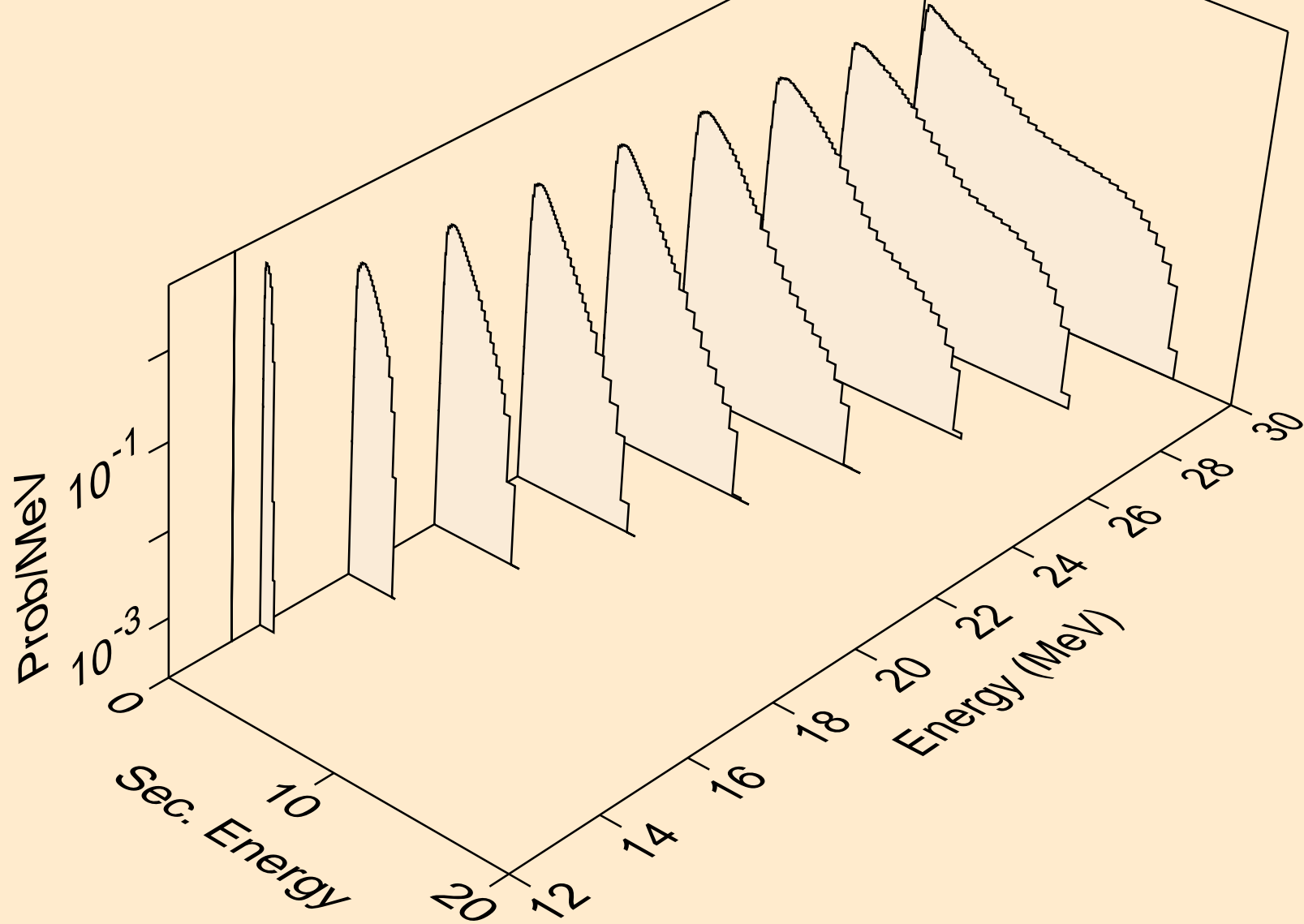
OS183M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,x)



OS183M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2nd)

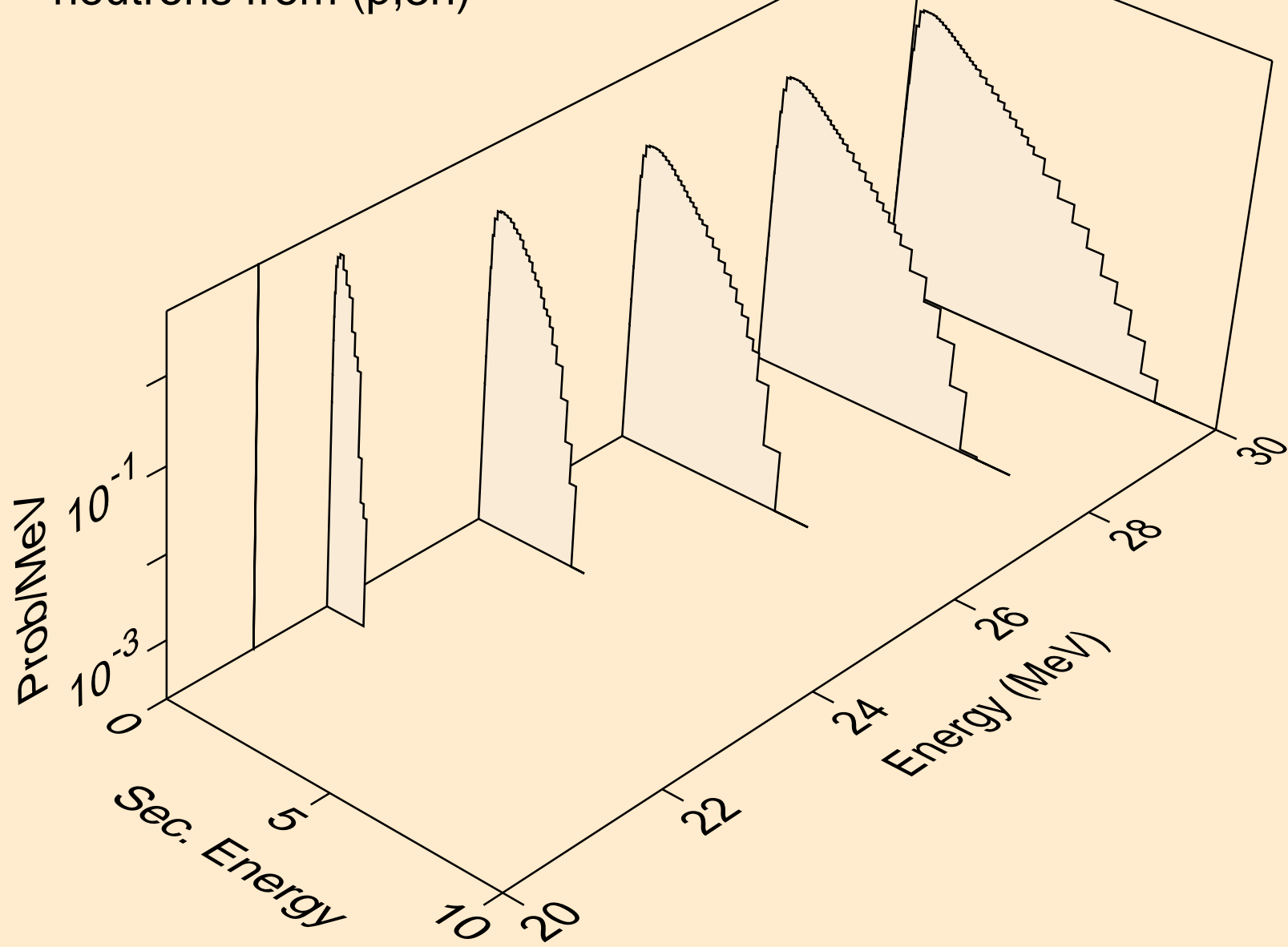


OS183M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2n)

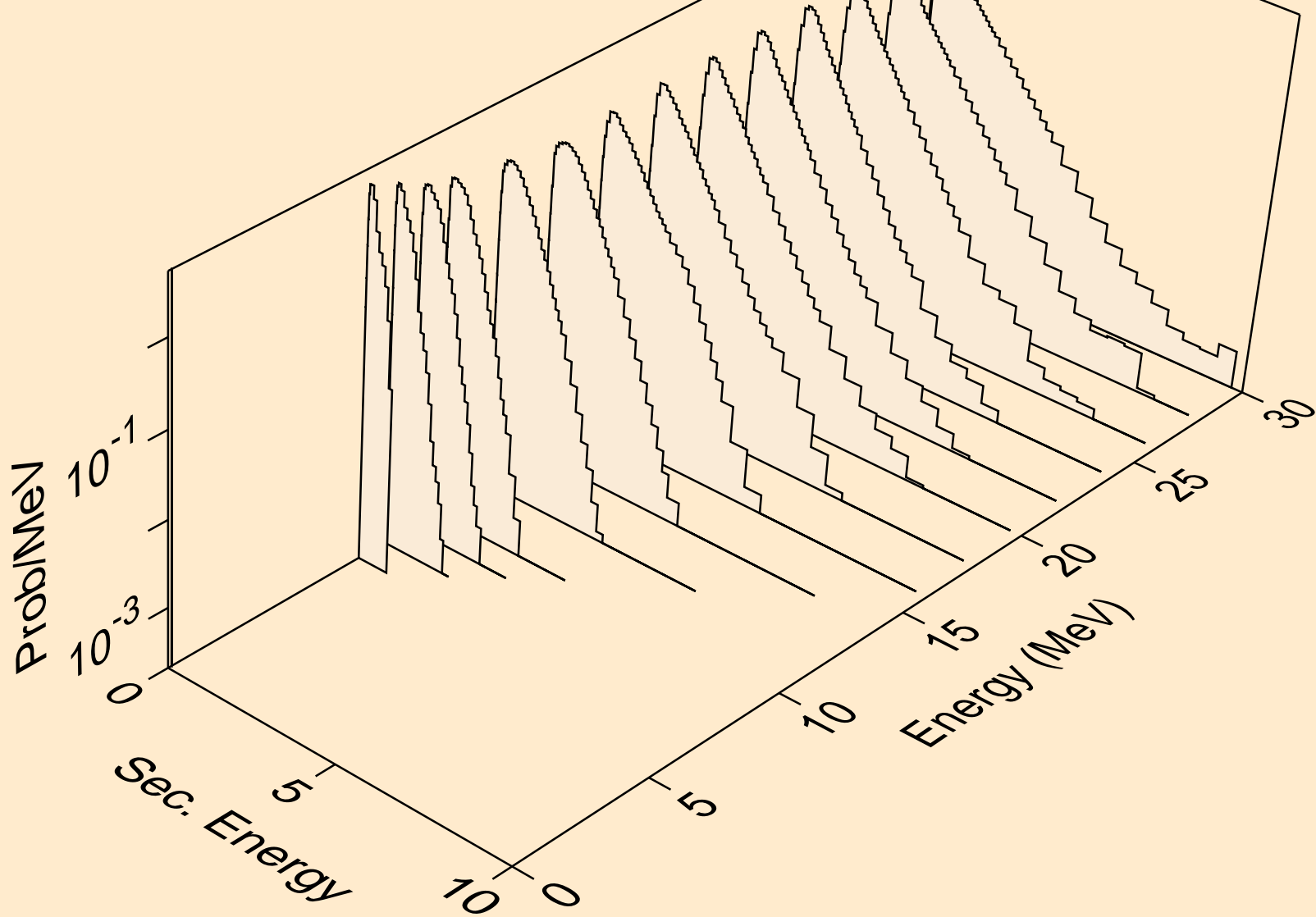




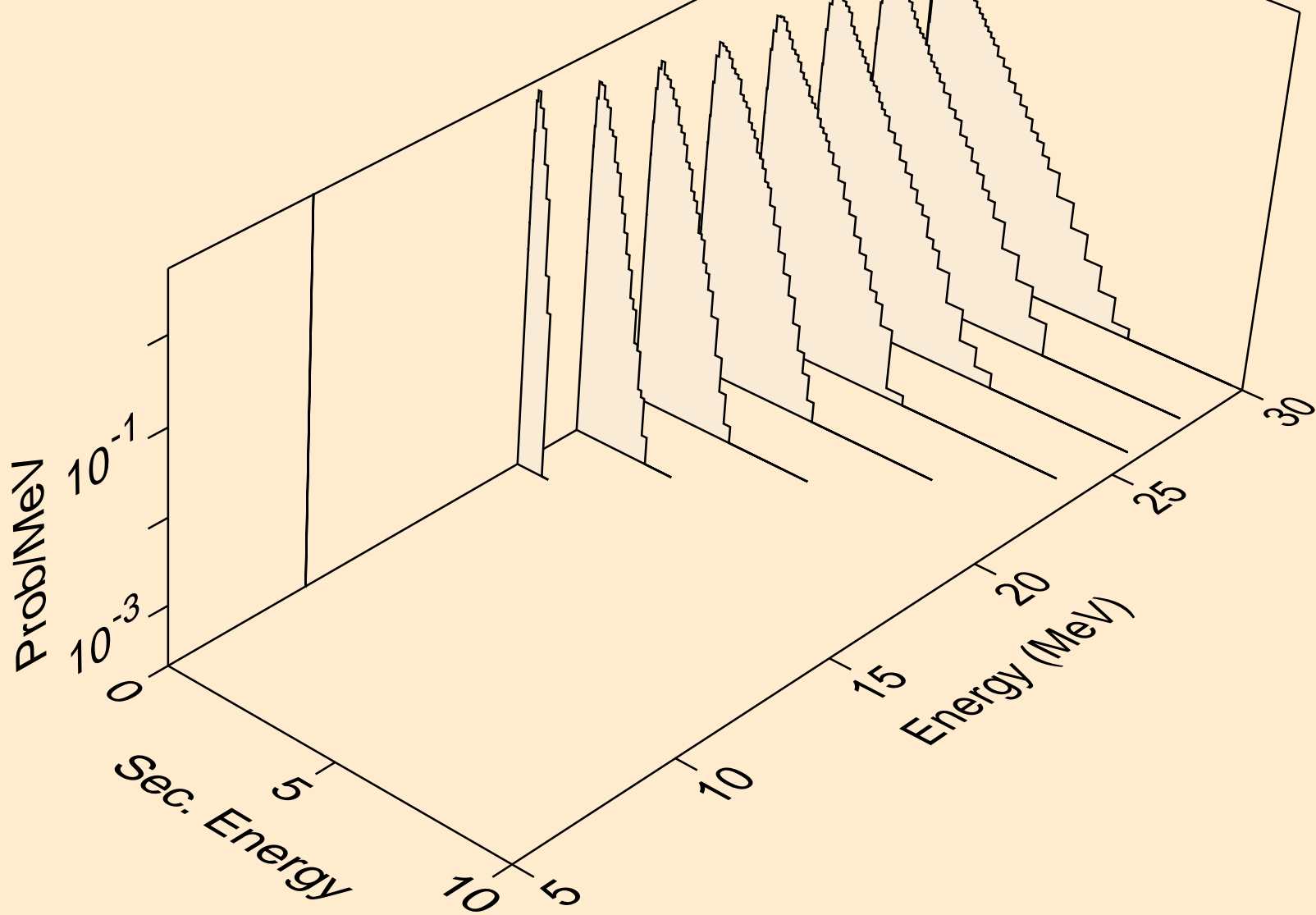
OS183M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
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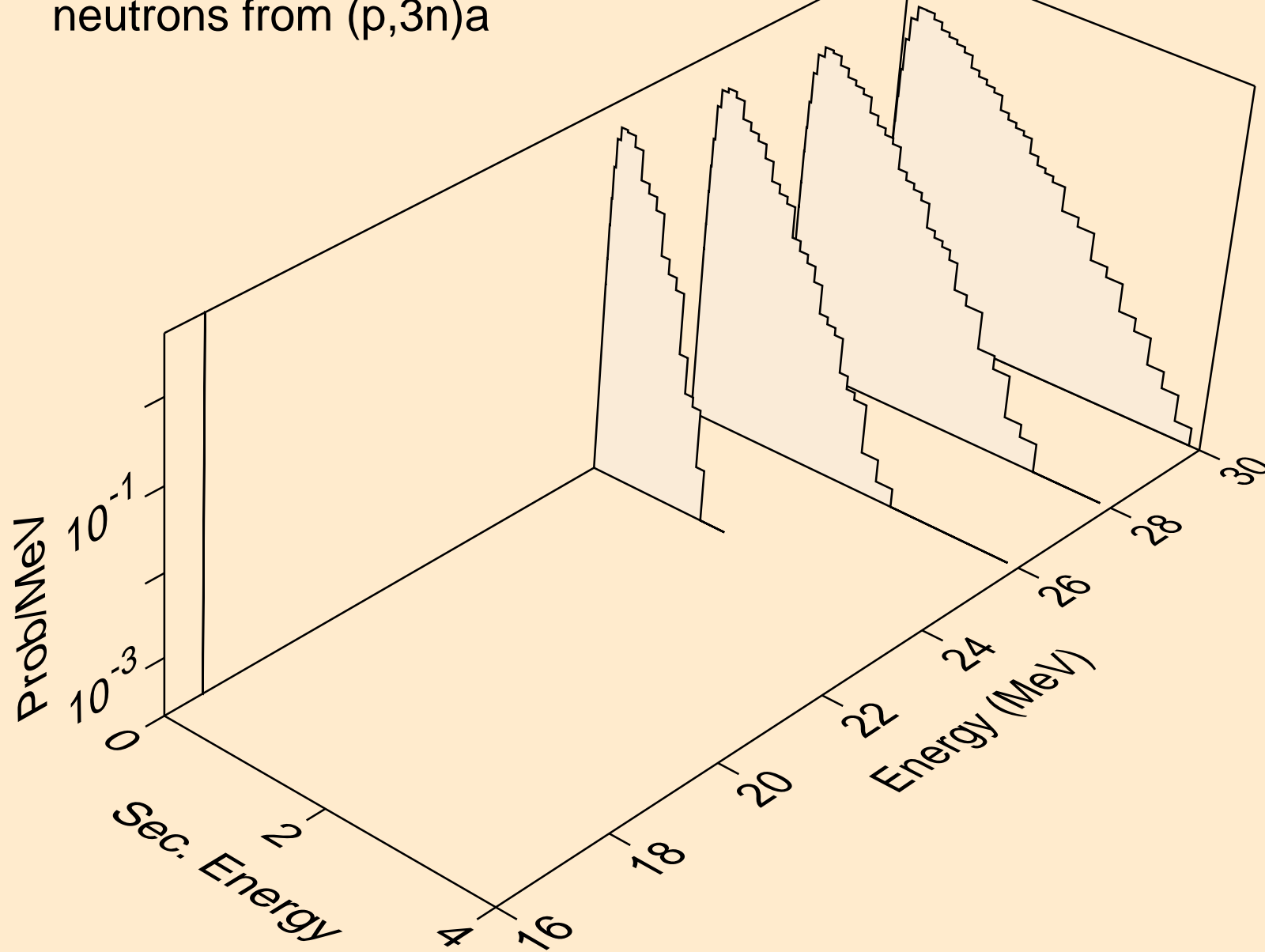
OS183M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)a



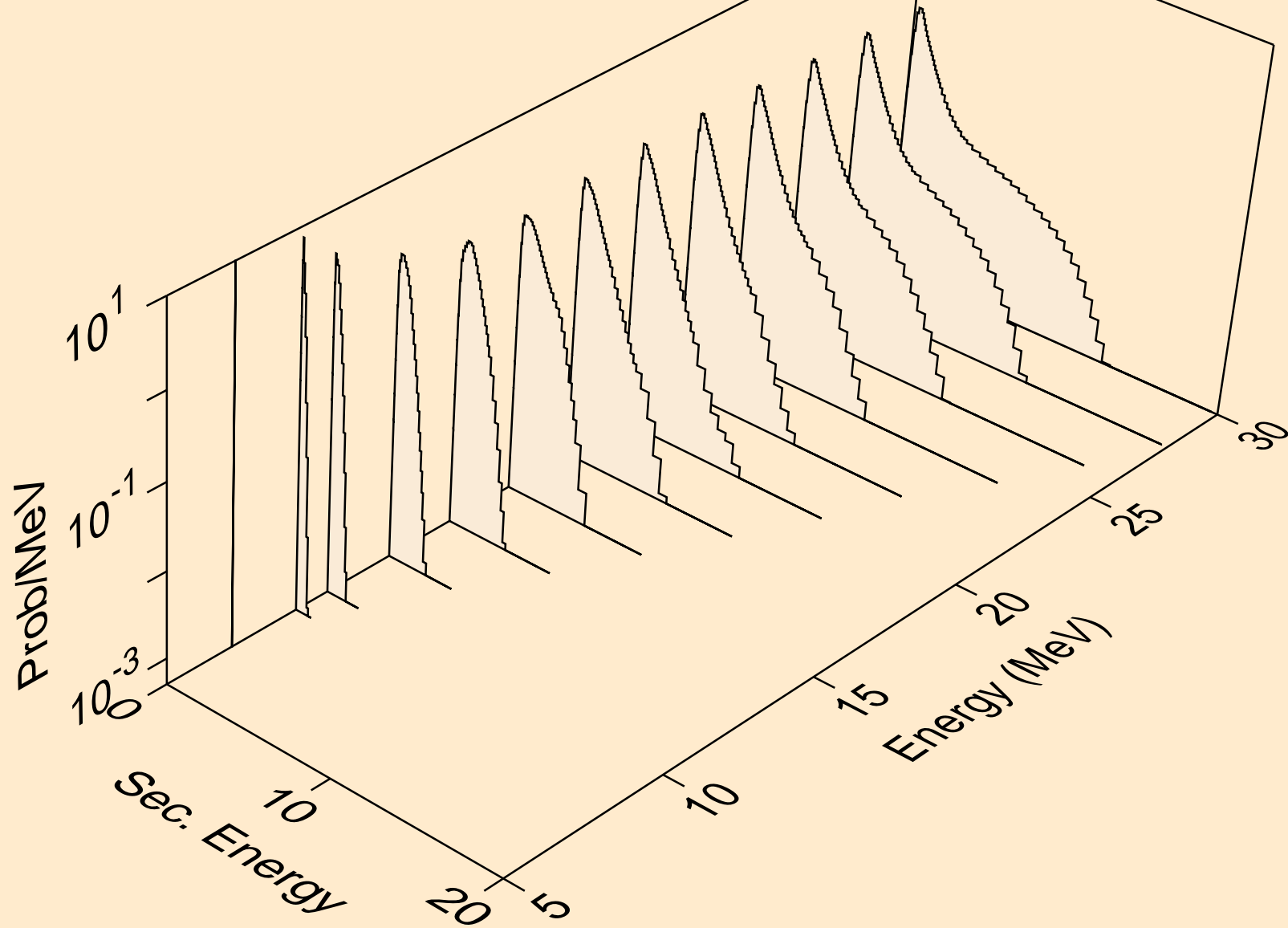
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neutrons from (p,2n)a



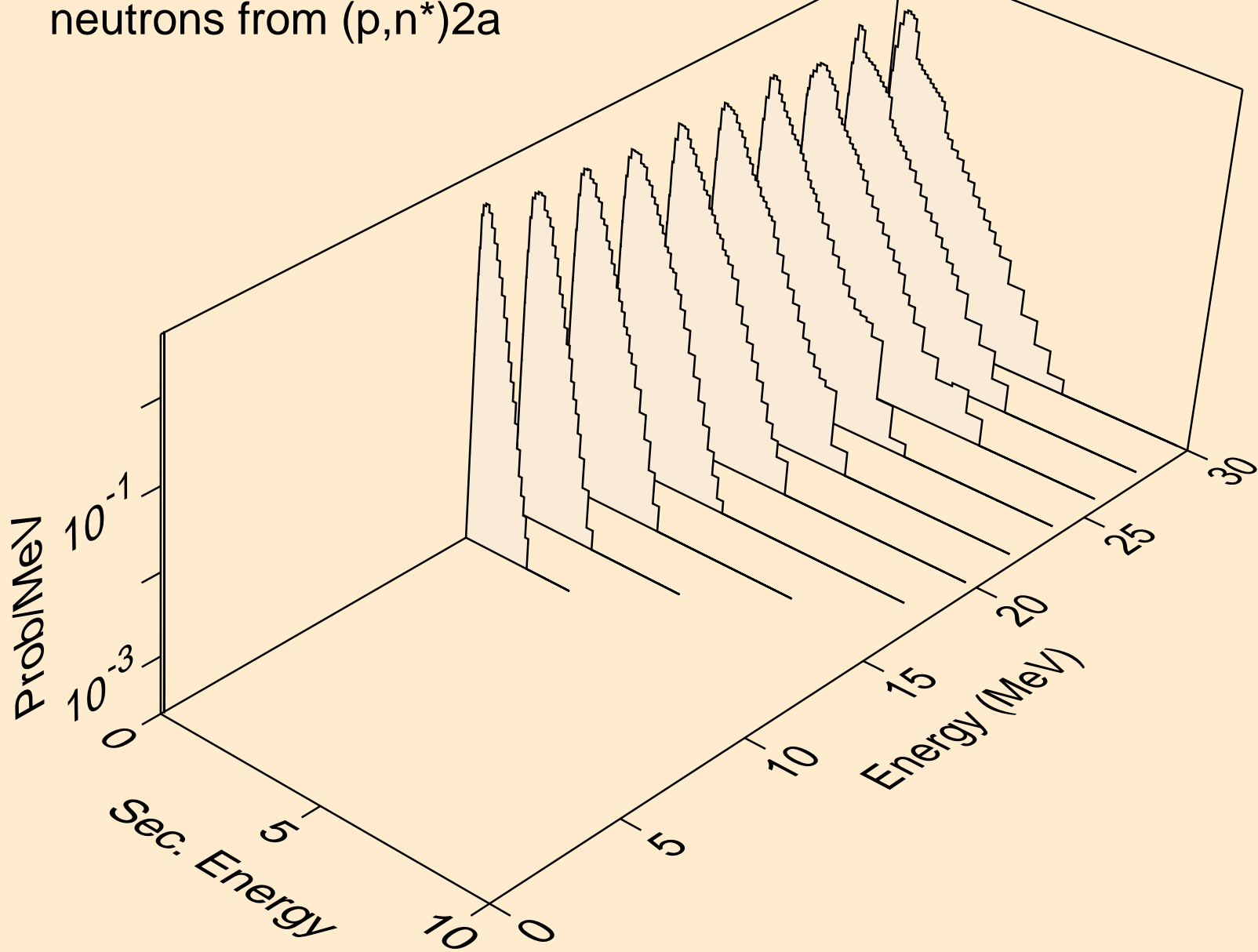
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neutrons from (p,3n)a



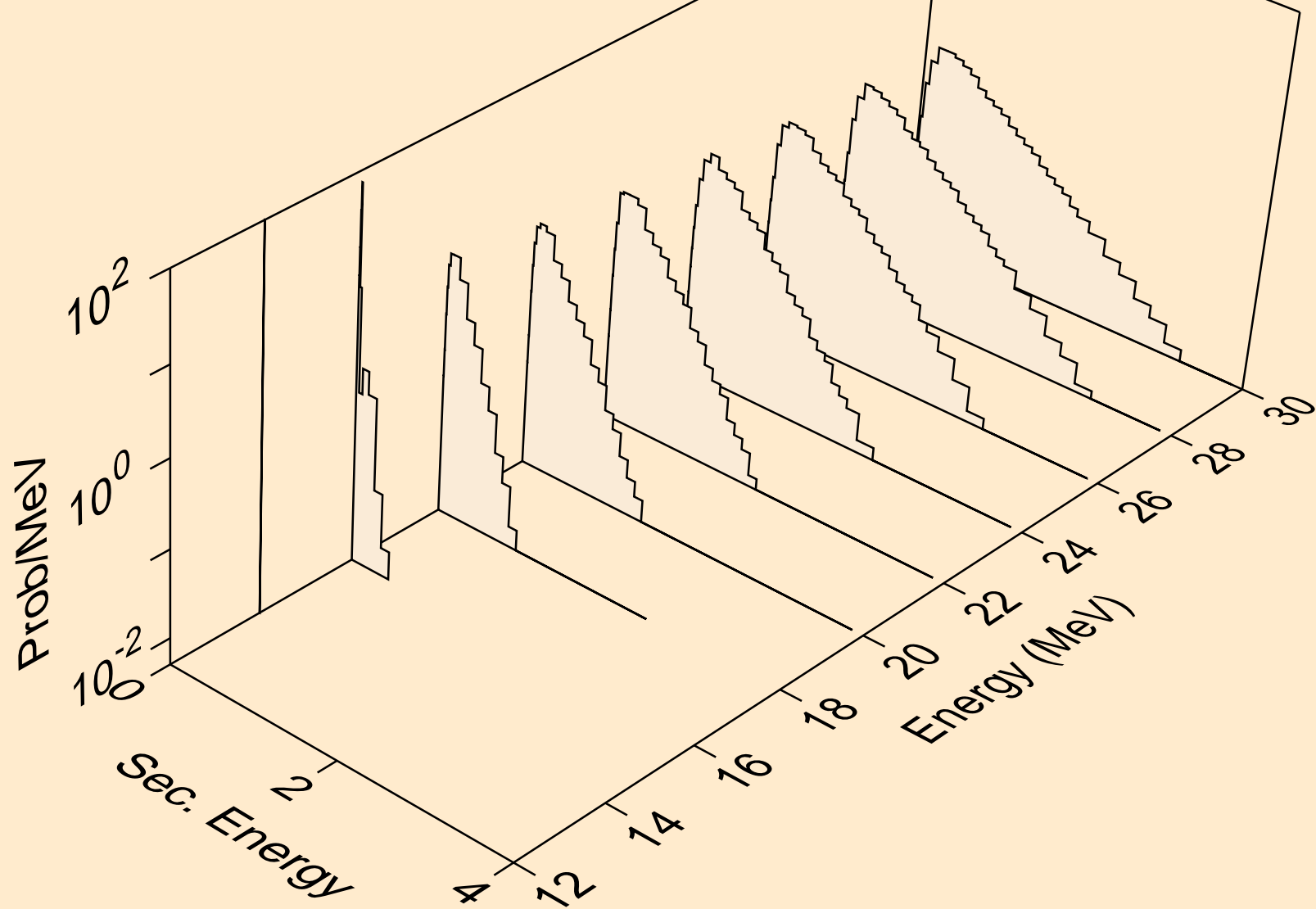
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neutrons from (p,n\*)p



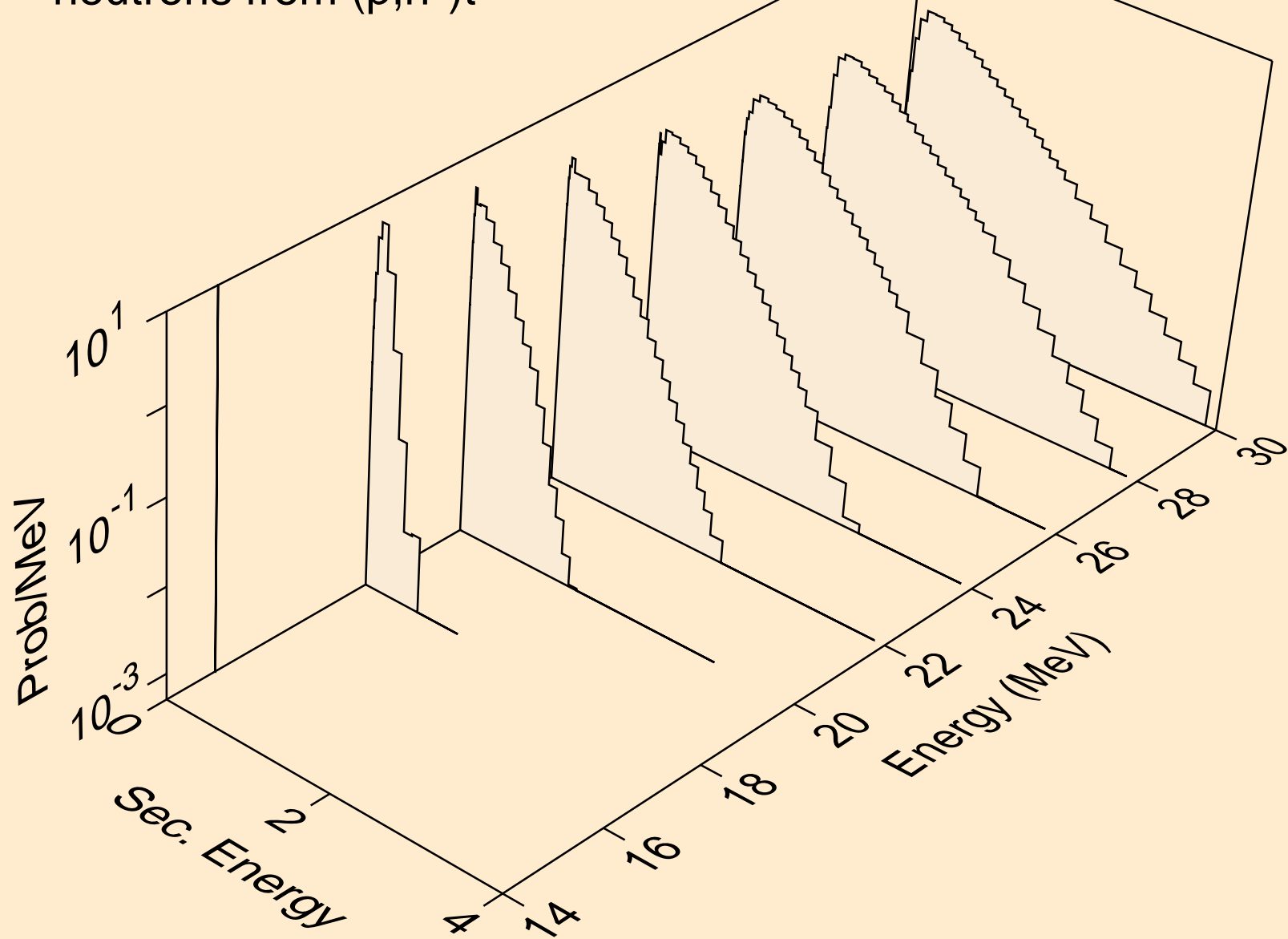
OS183M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)2a



OS183M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)d

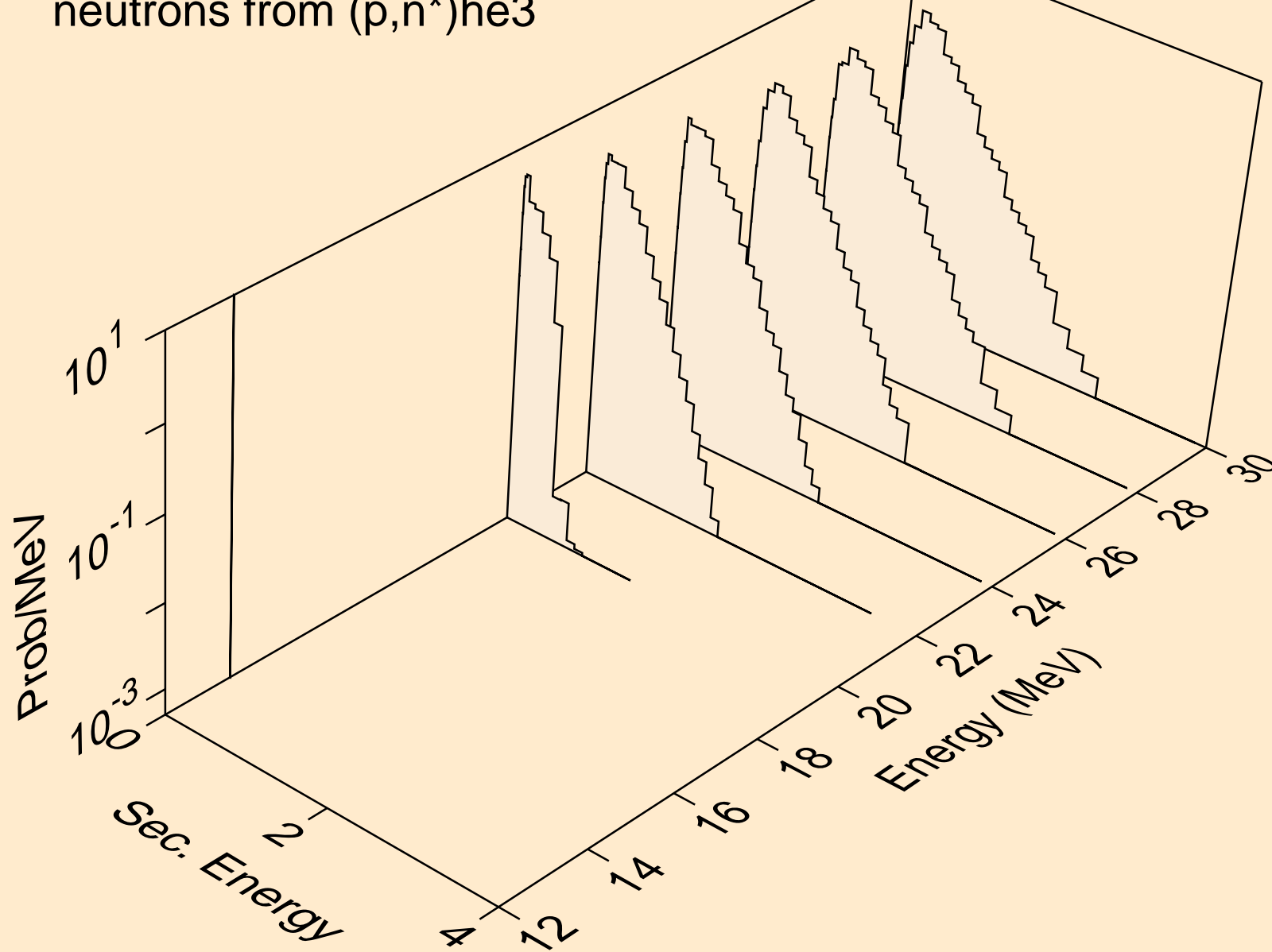


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neutrons from (p,n\*)t

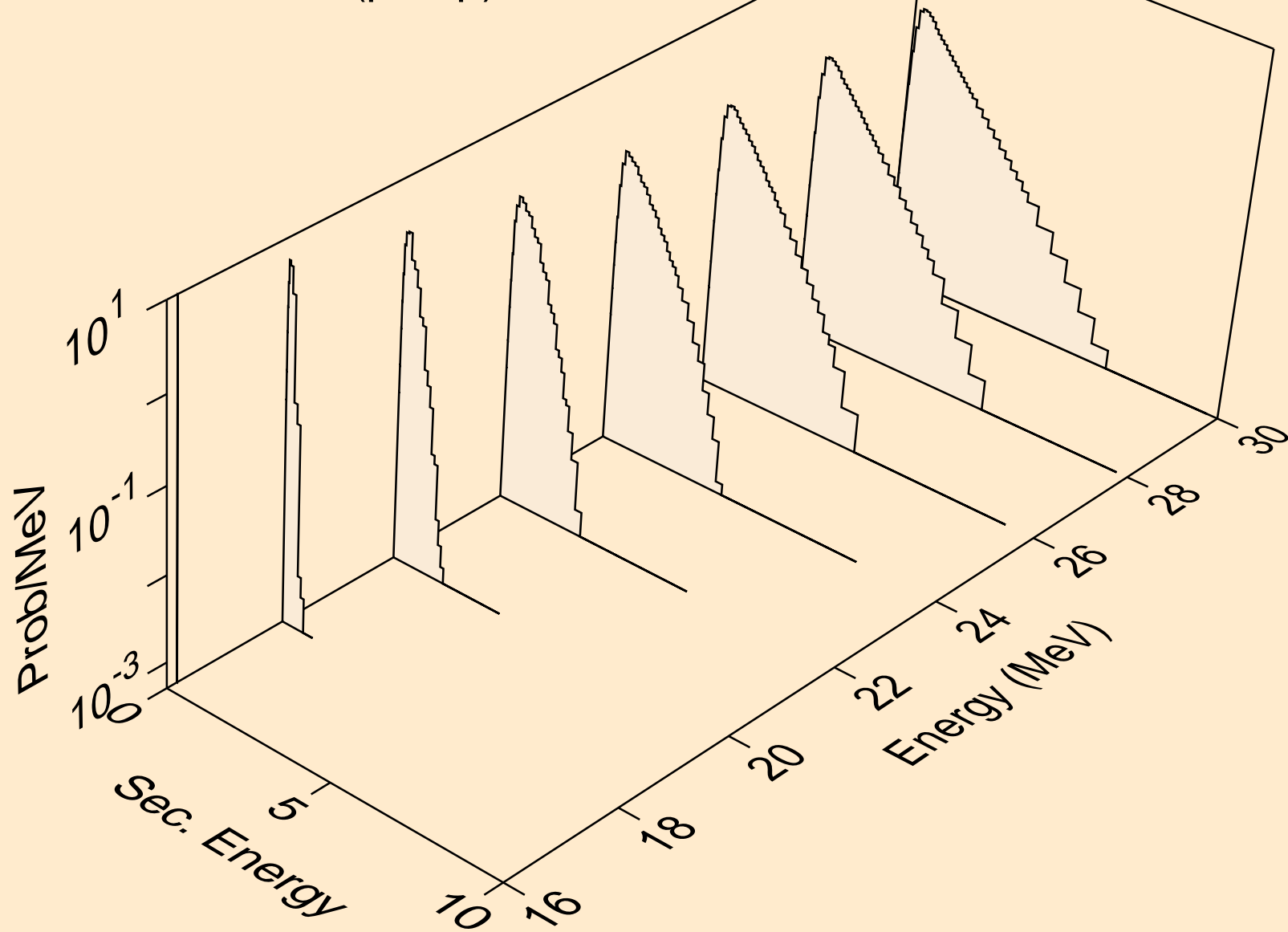




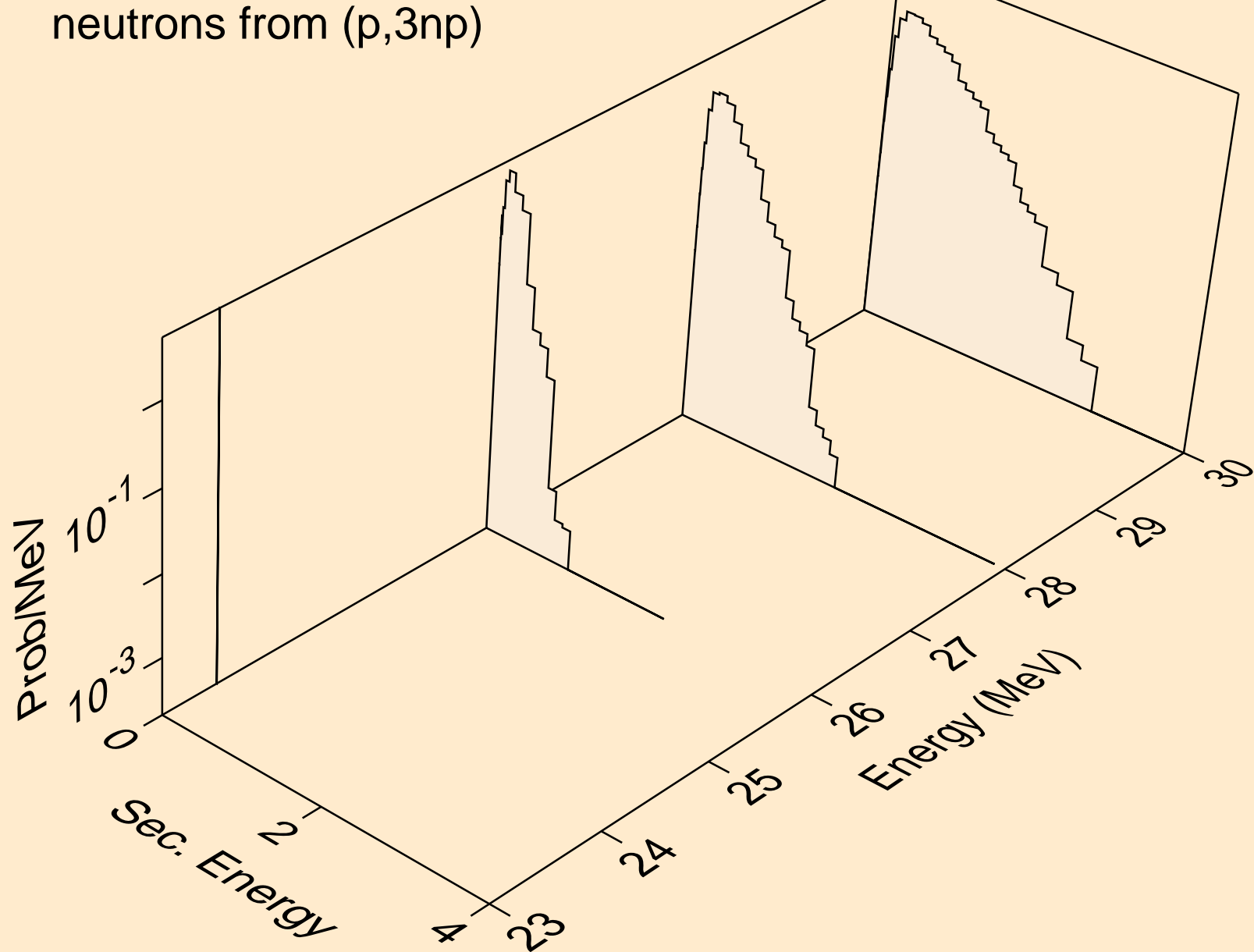
OS183M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



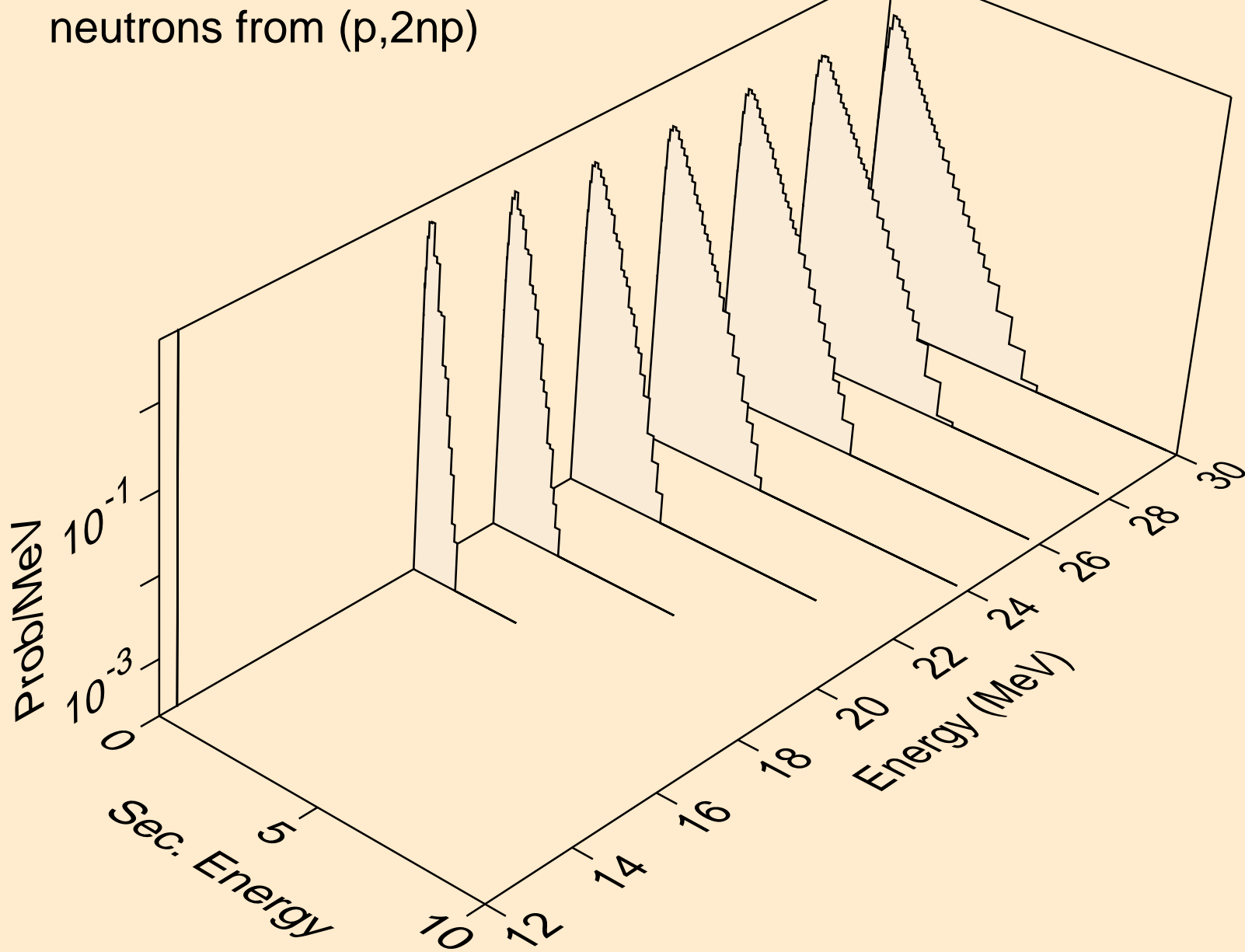
OS183M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2np)



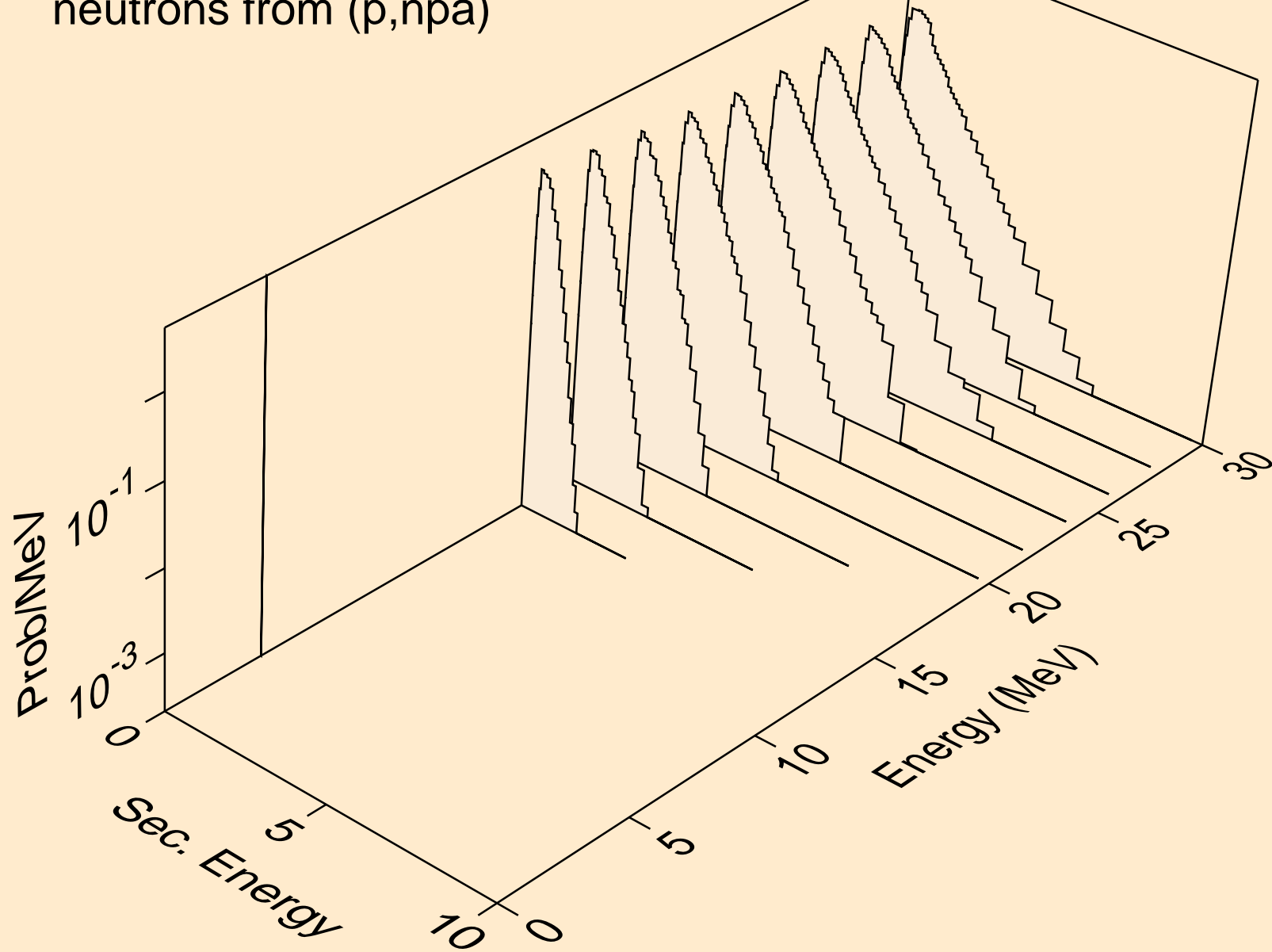
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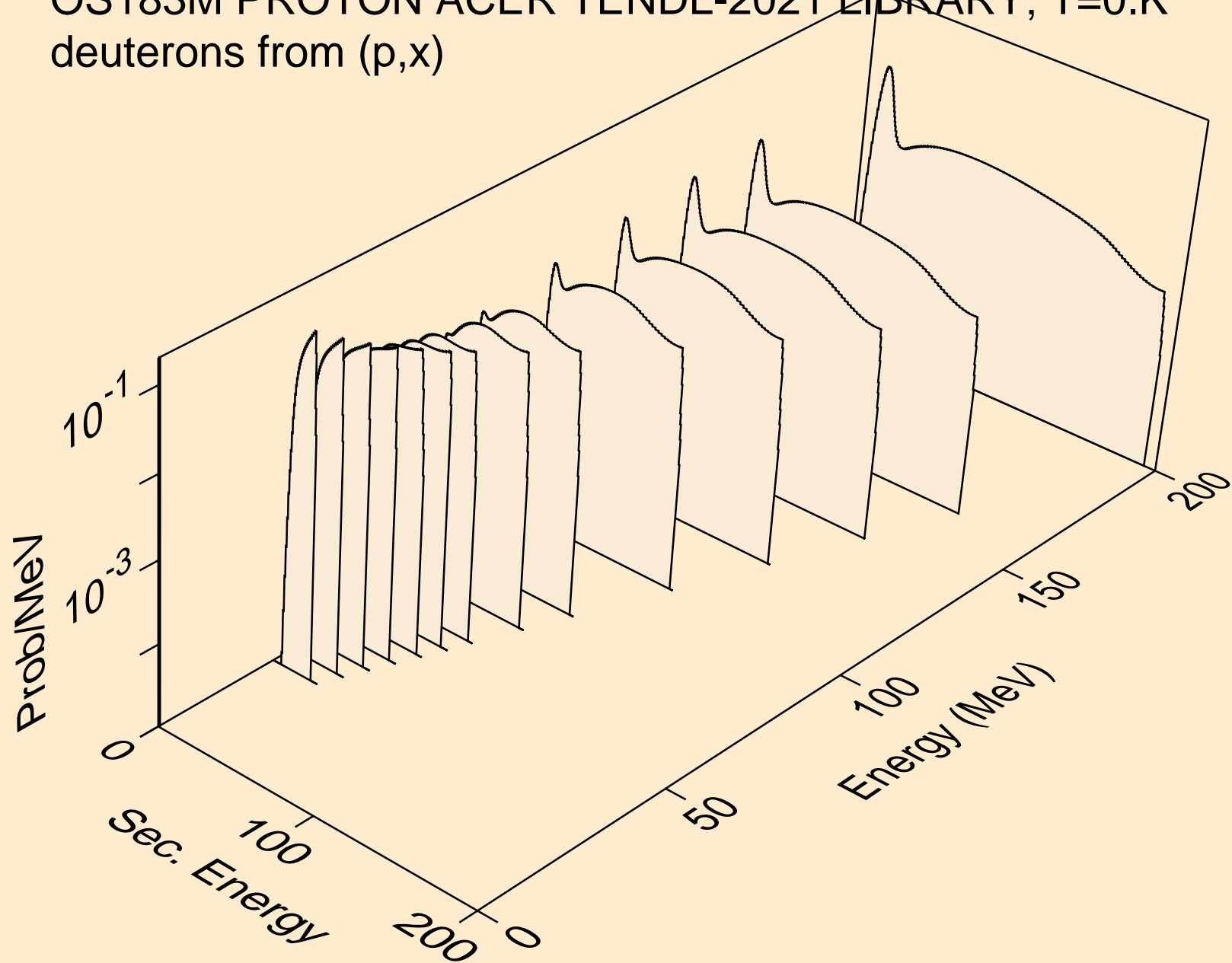
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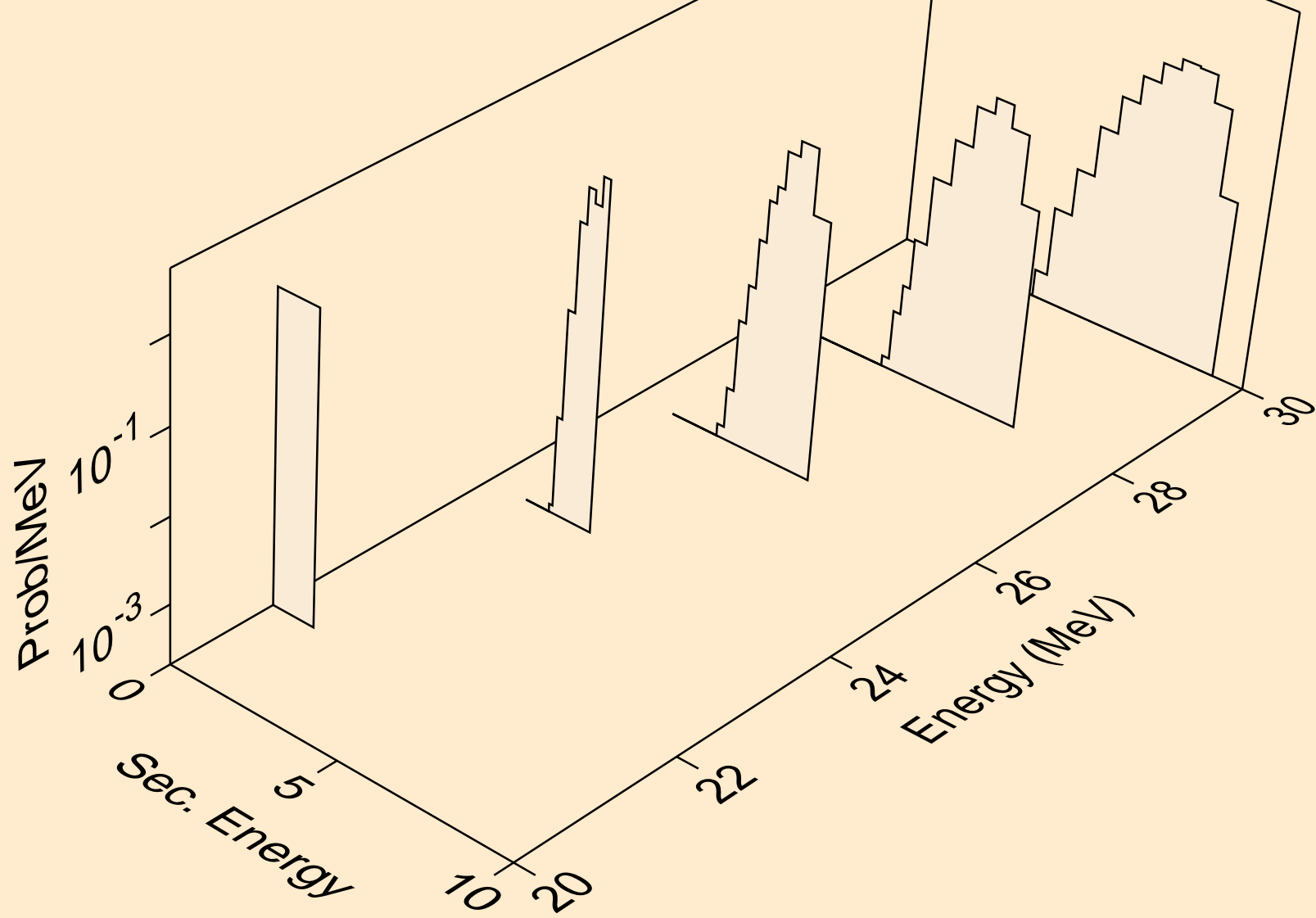
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neutrons from (p,npa)



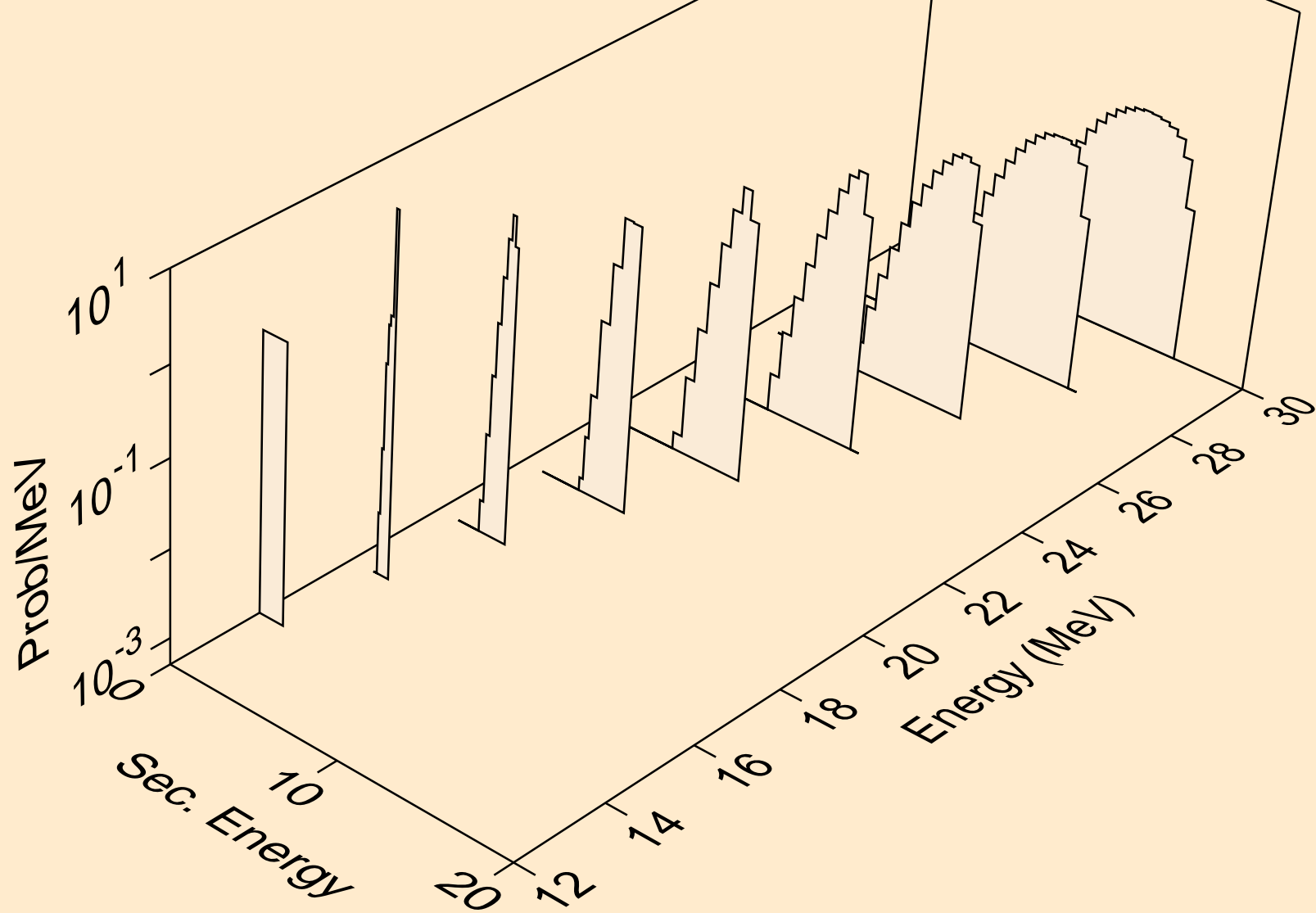
OS183M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,x)



OS183M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
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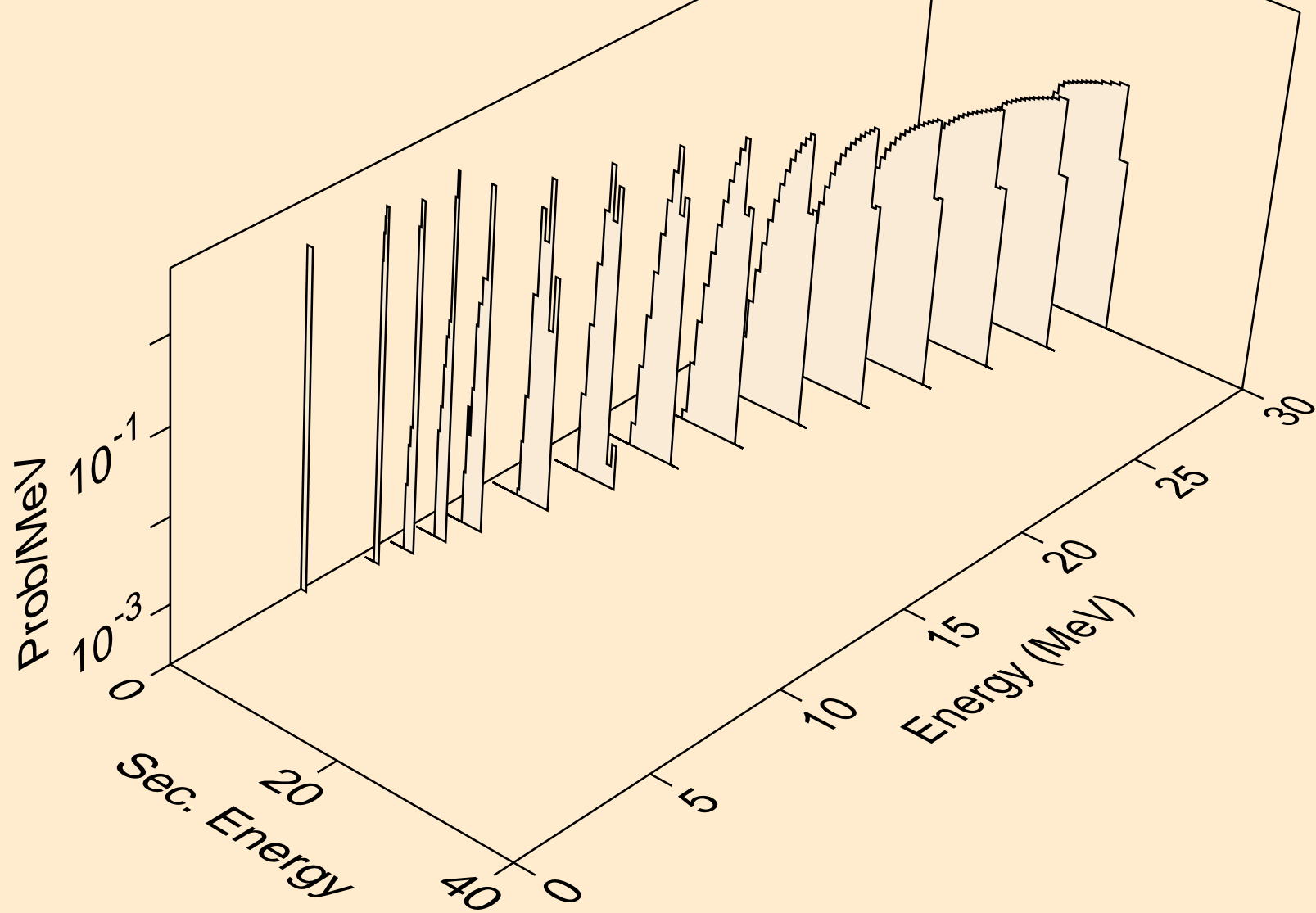


OS183M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,n\*)d

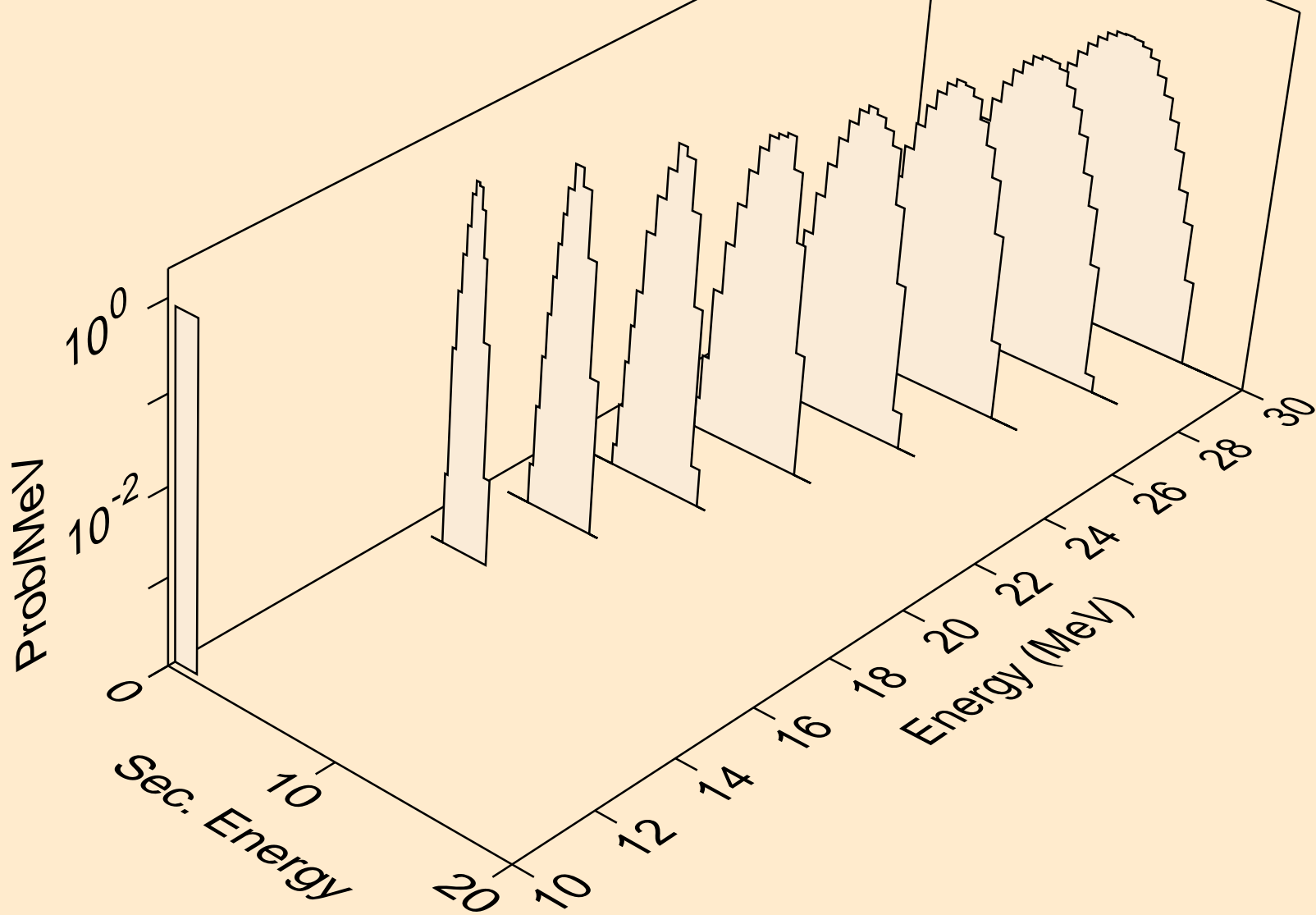




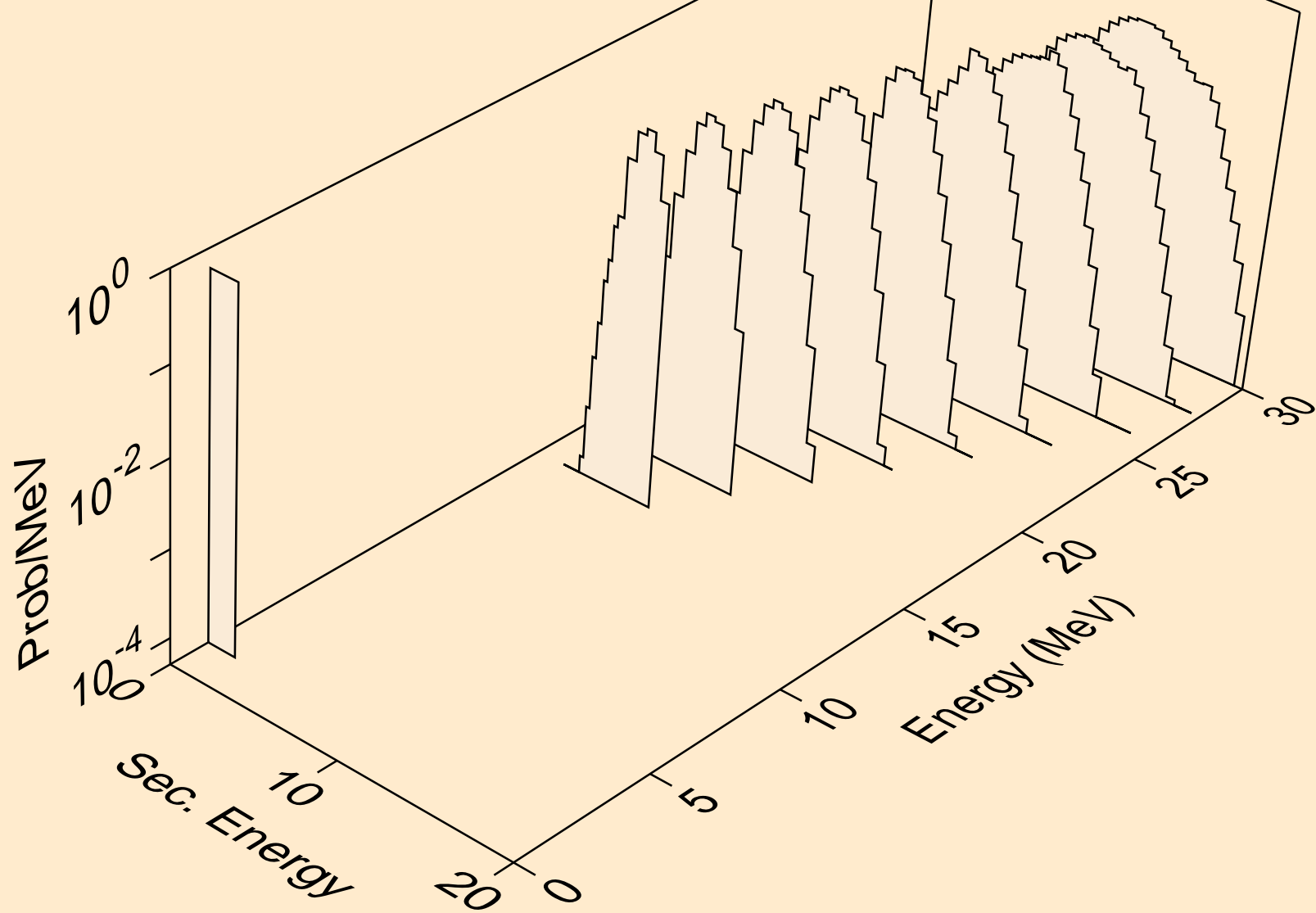
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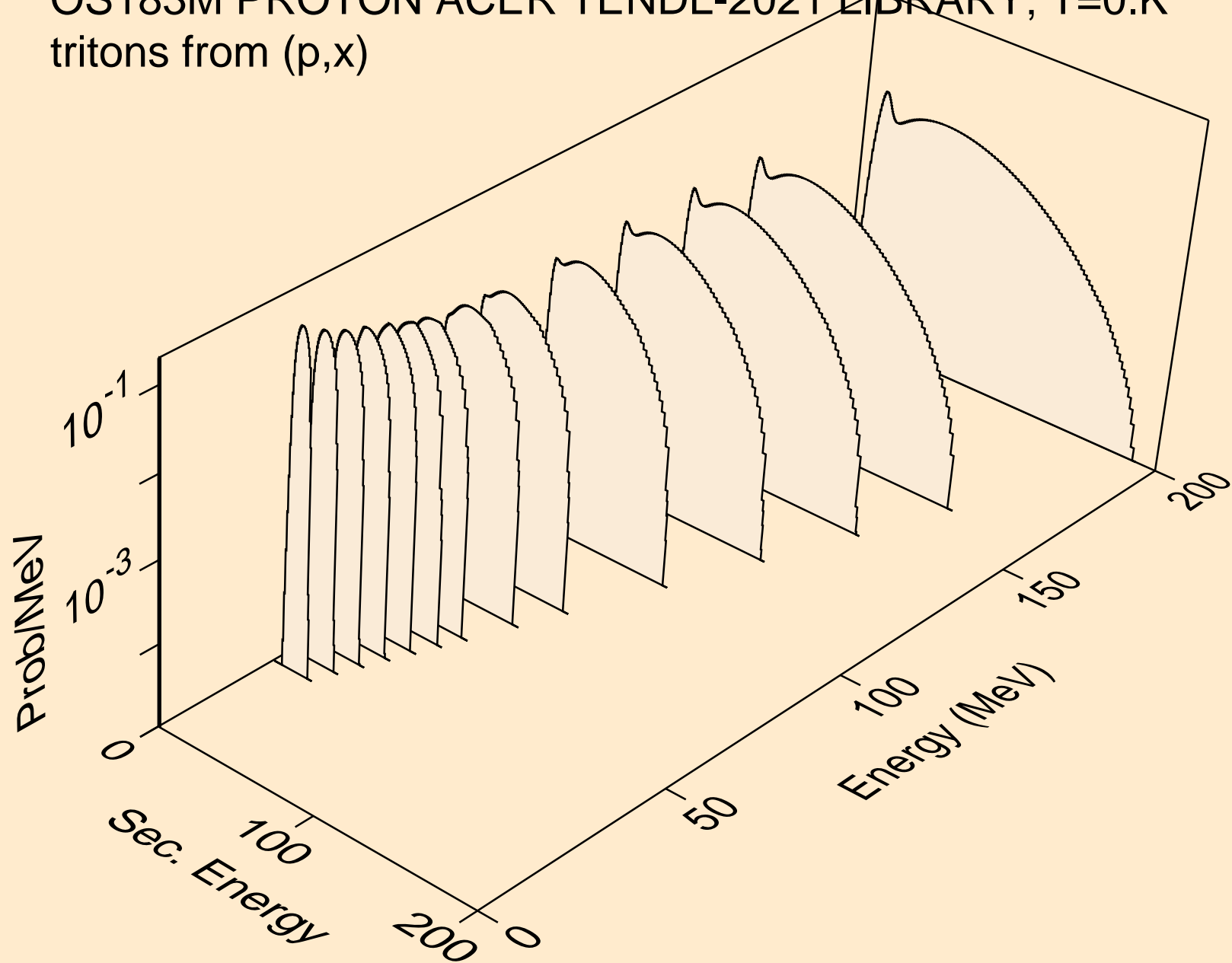
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deuterons from (p,pd)



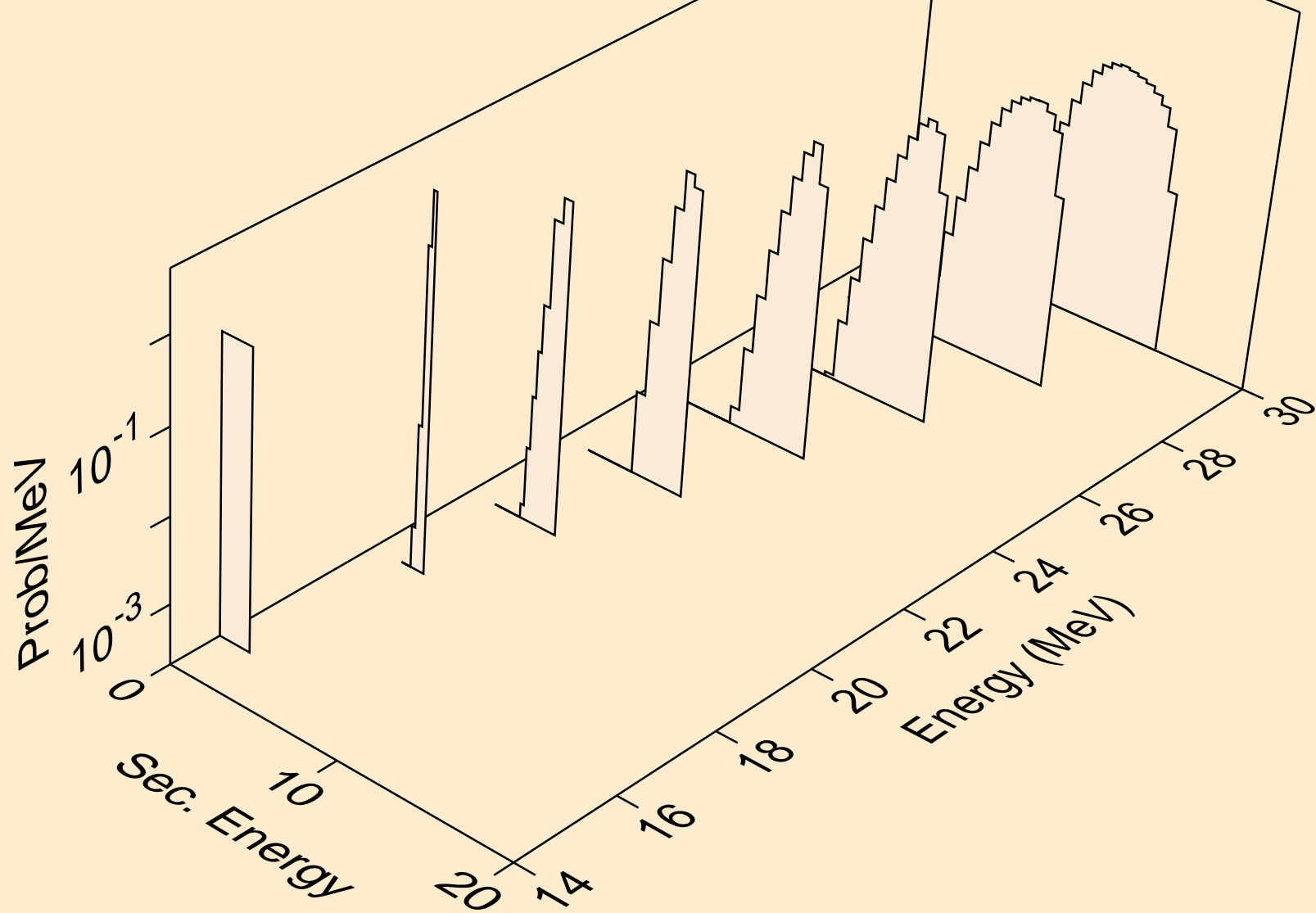
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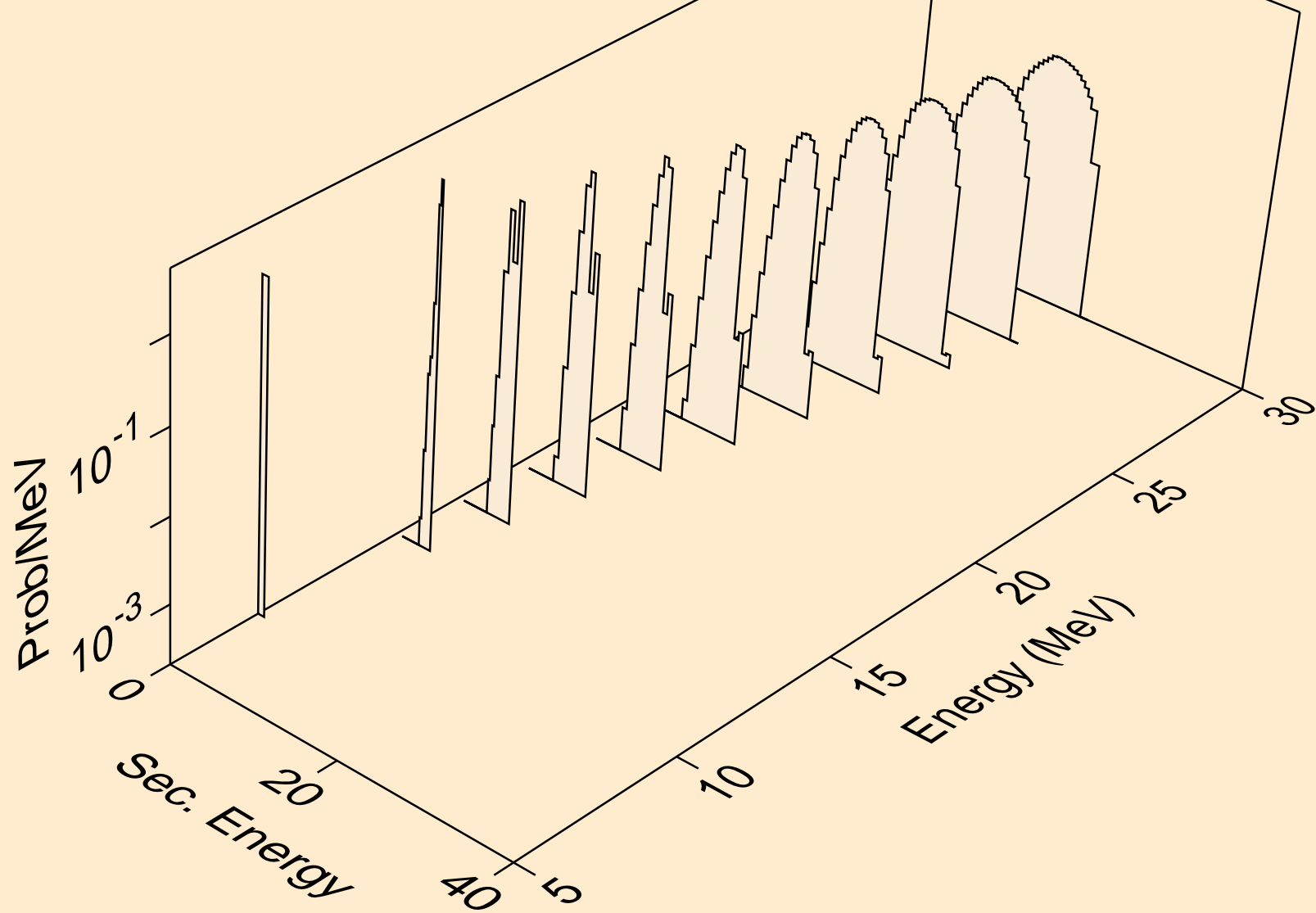
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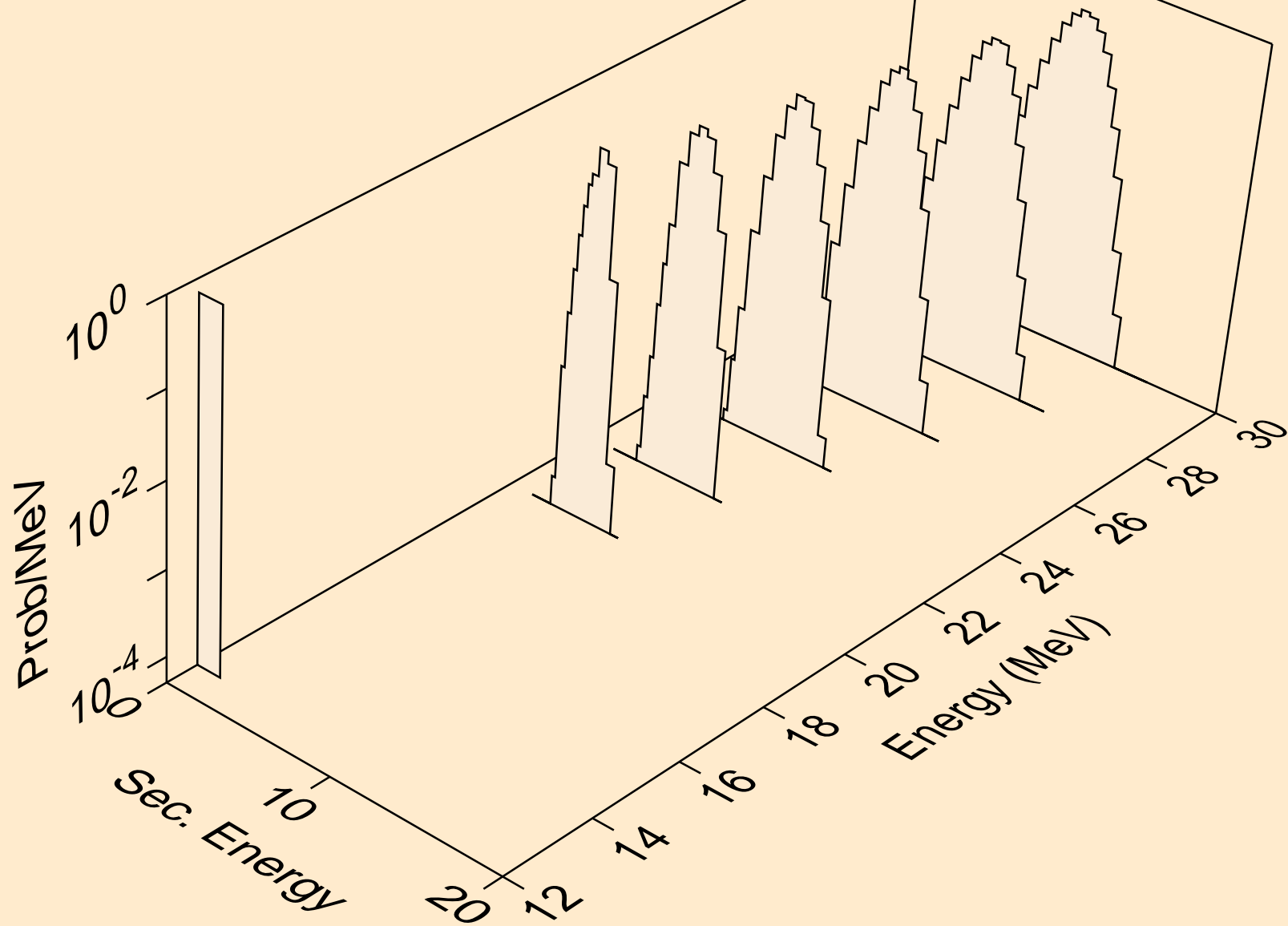
OS183M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,n\*)t



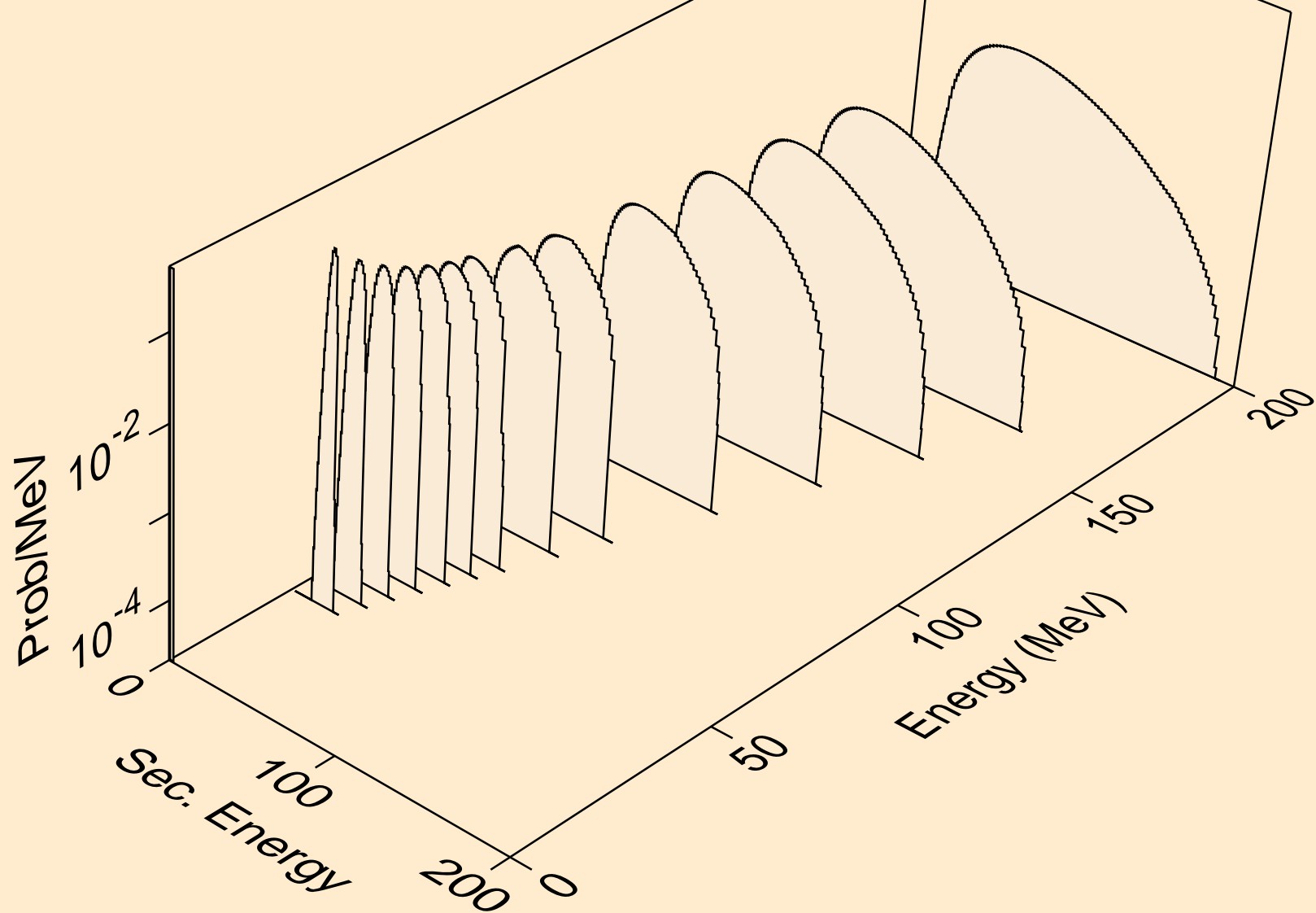
OS183M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,t)



OS183M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,pt)

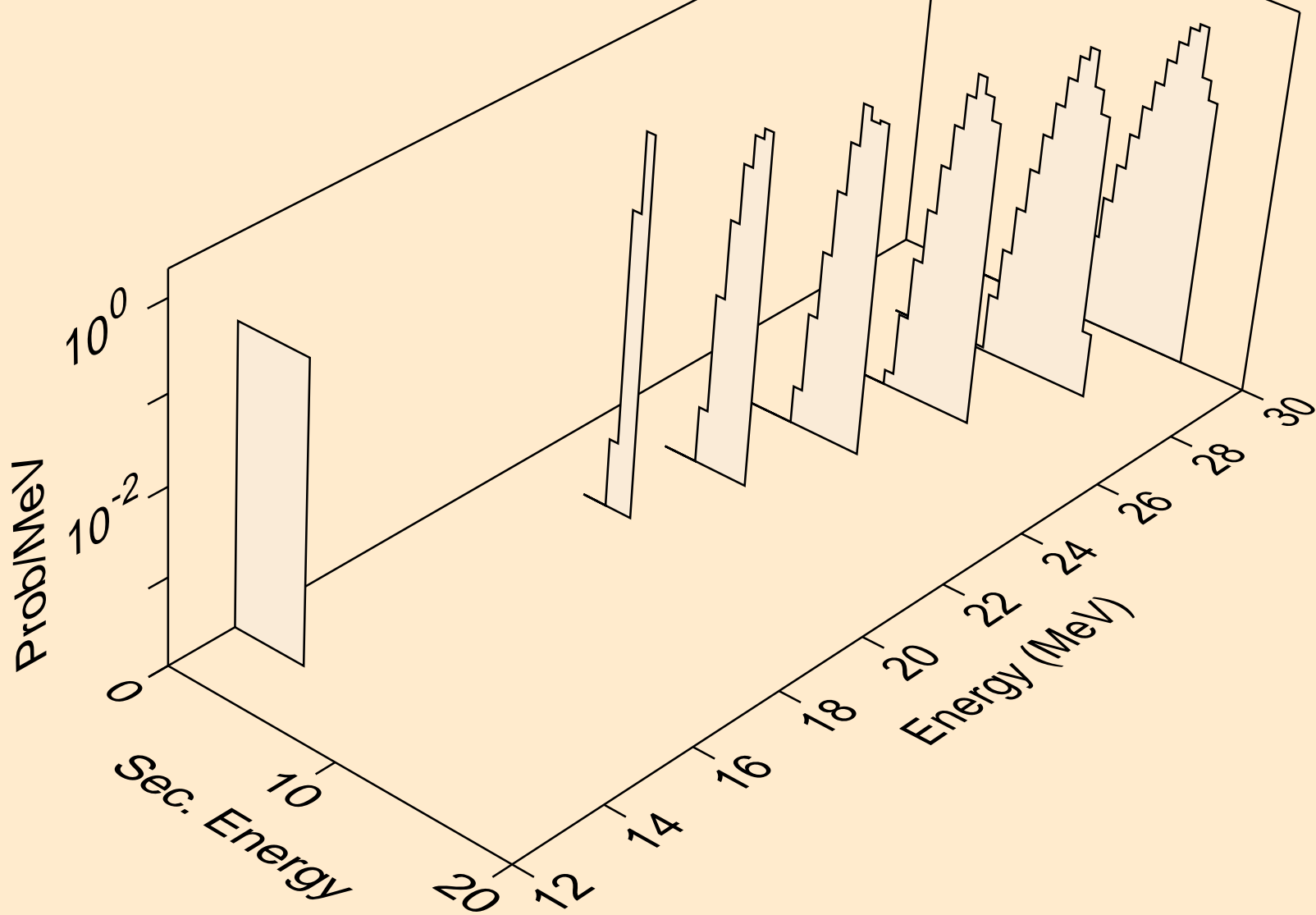


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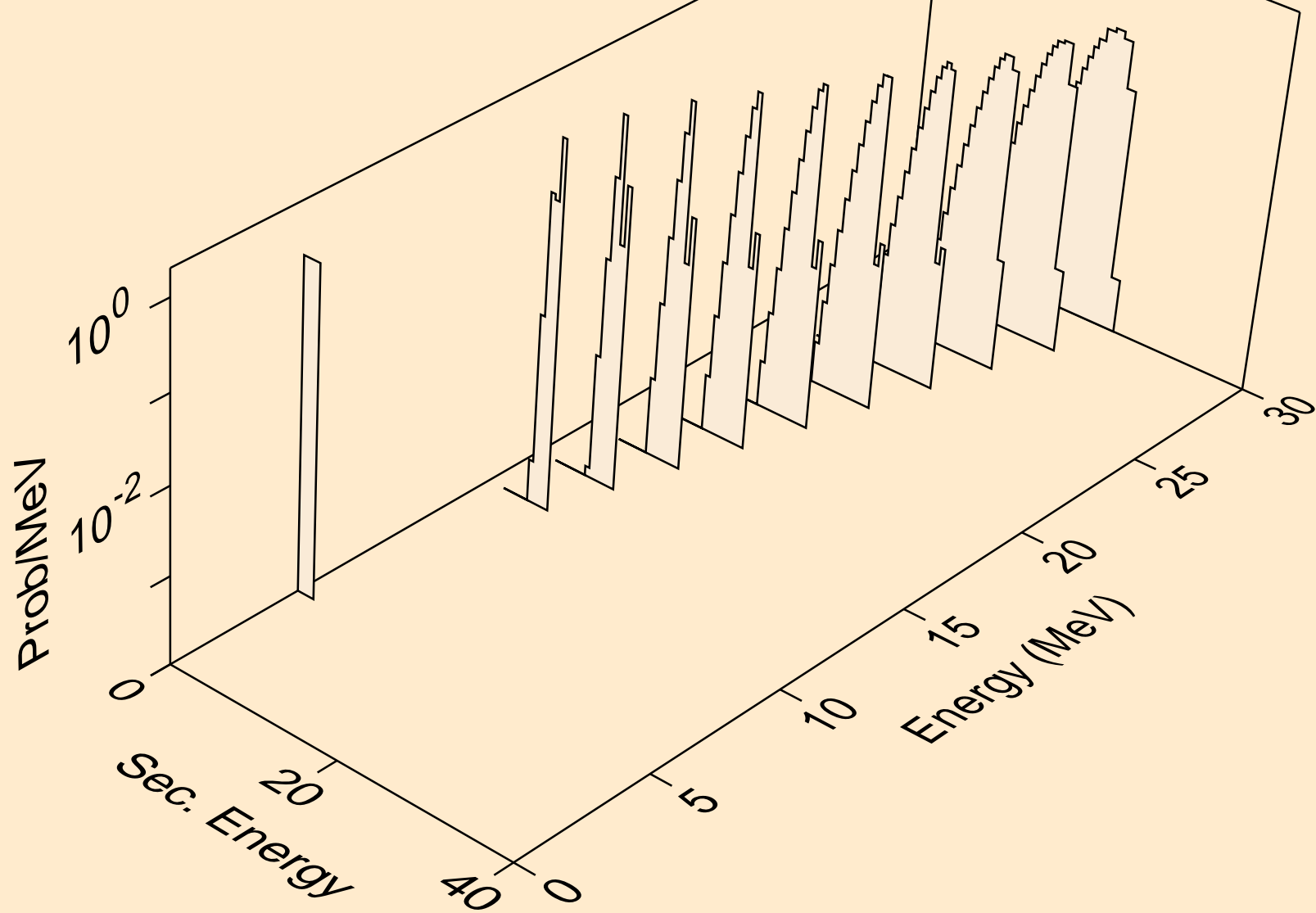




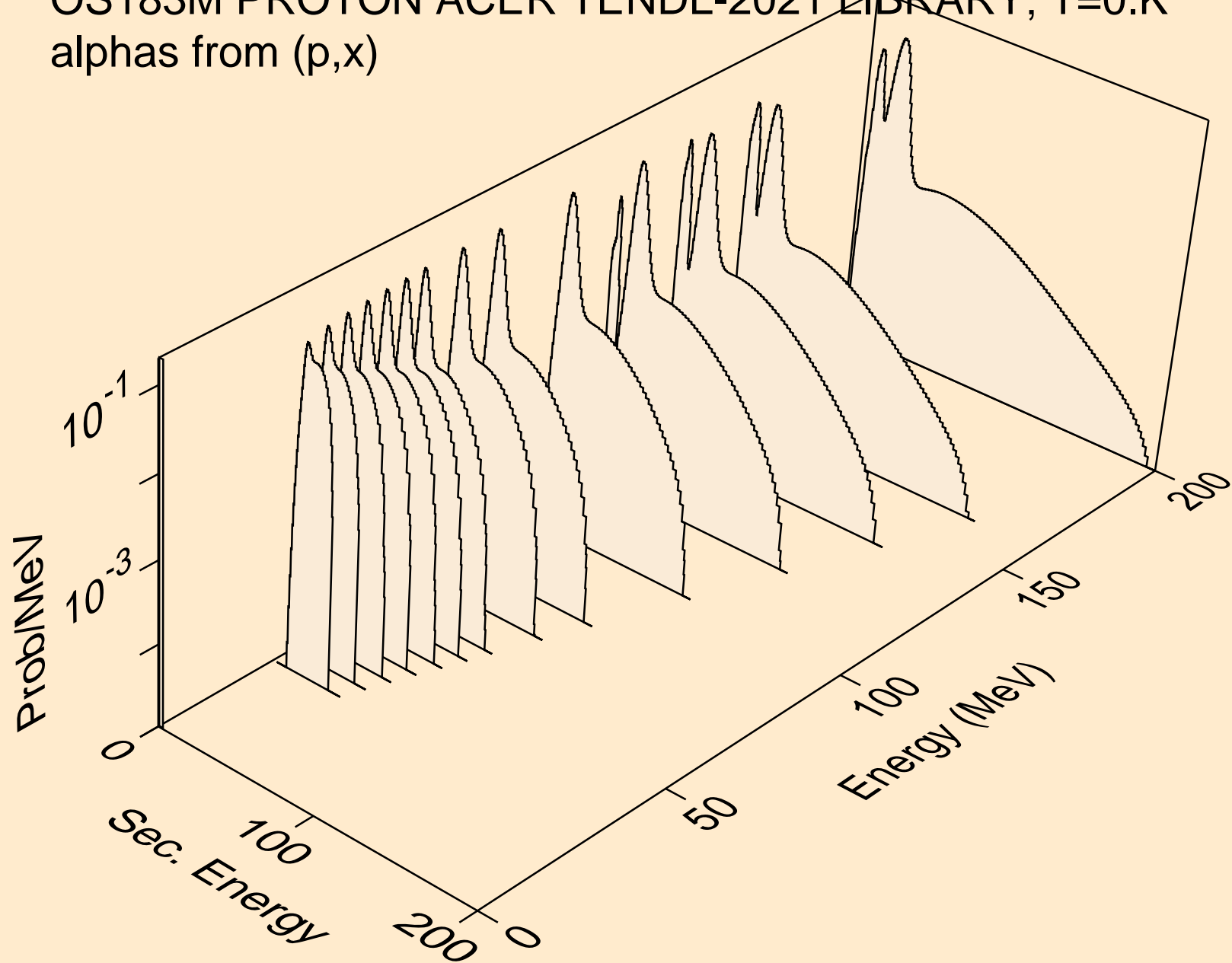
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he3s from (p,n\*)he3



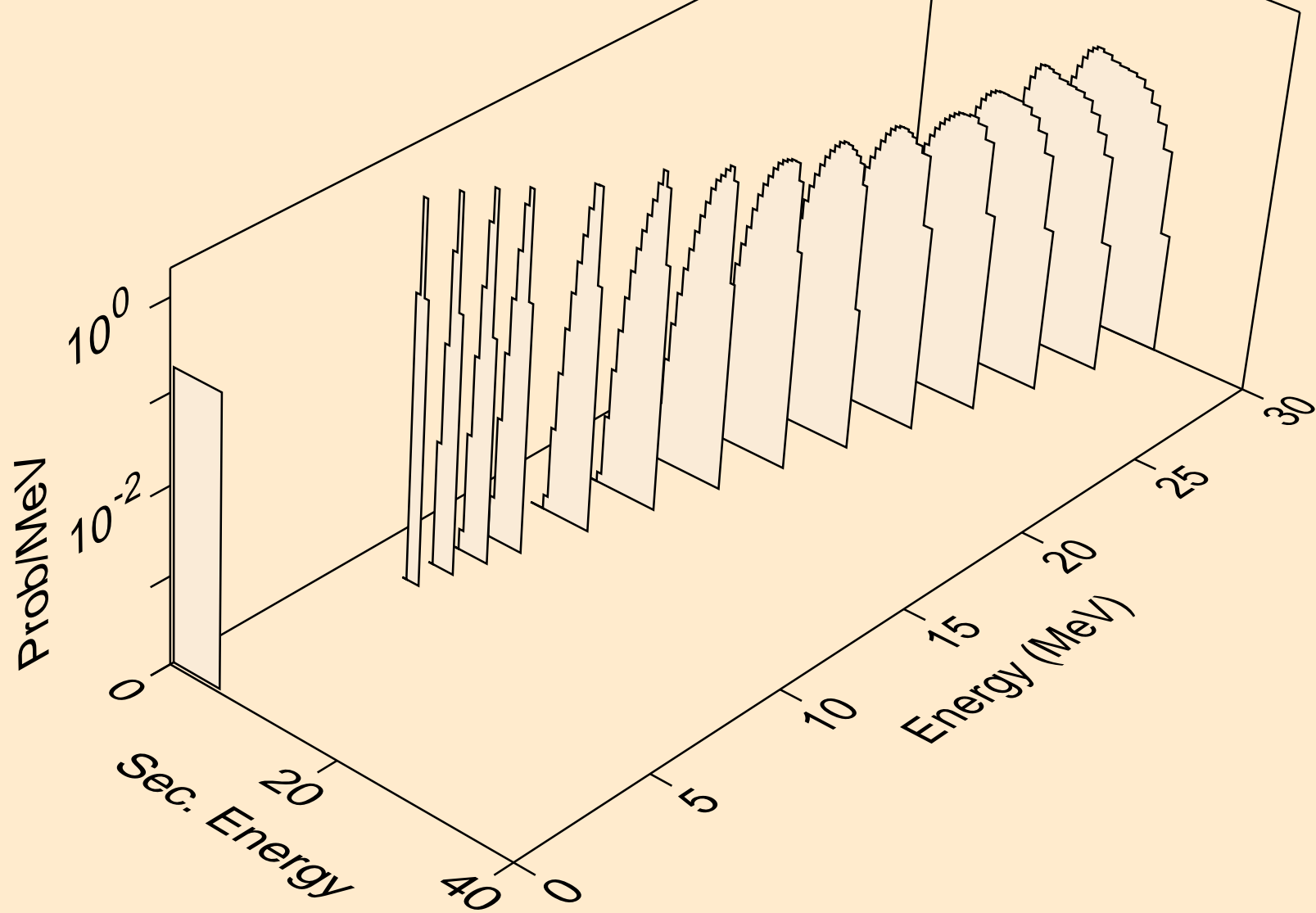
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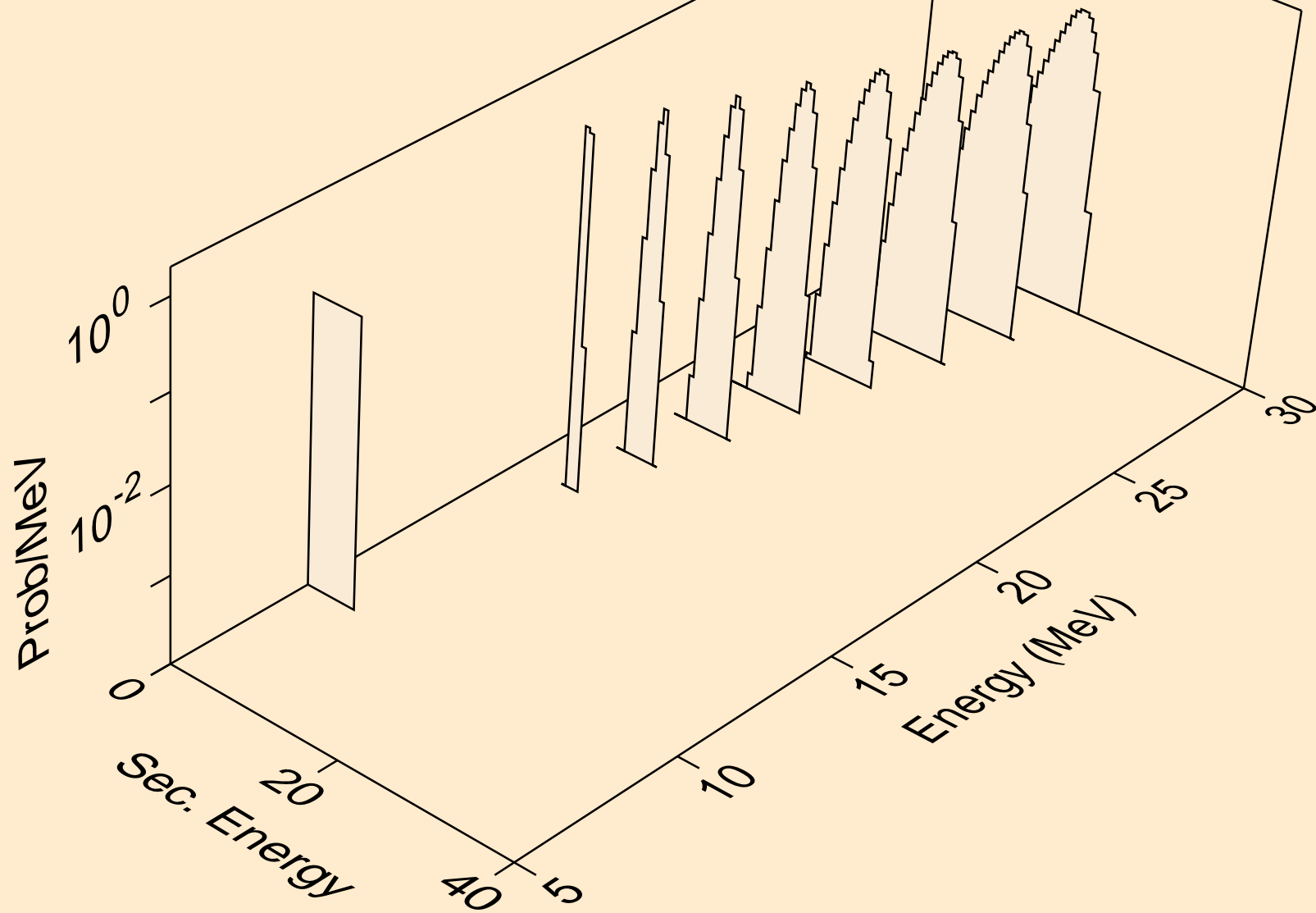
OS183M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,x)



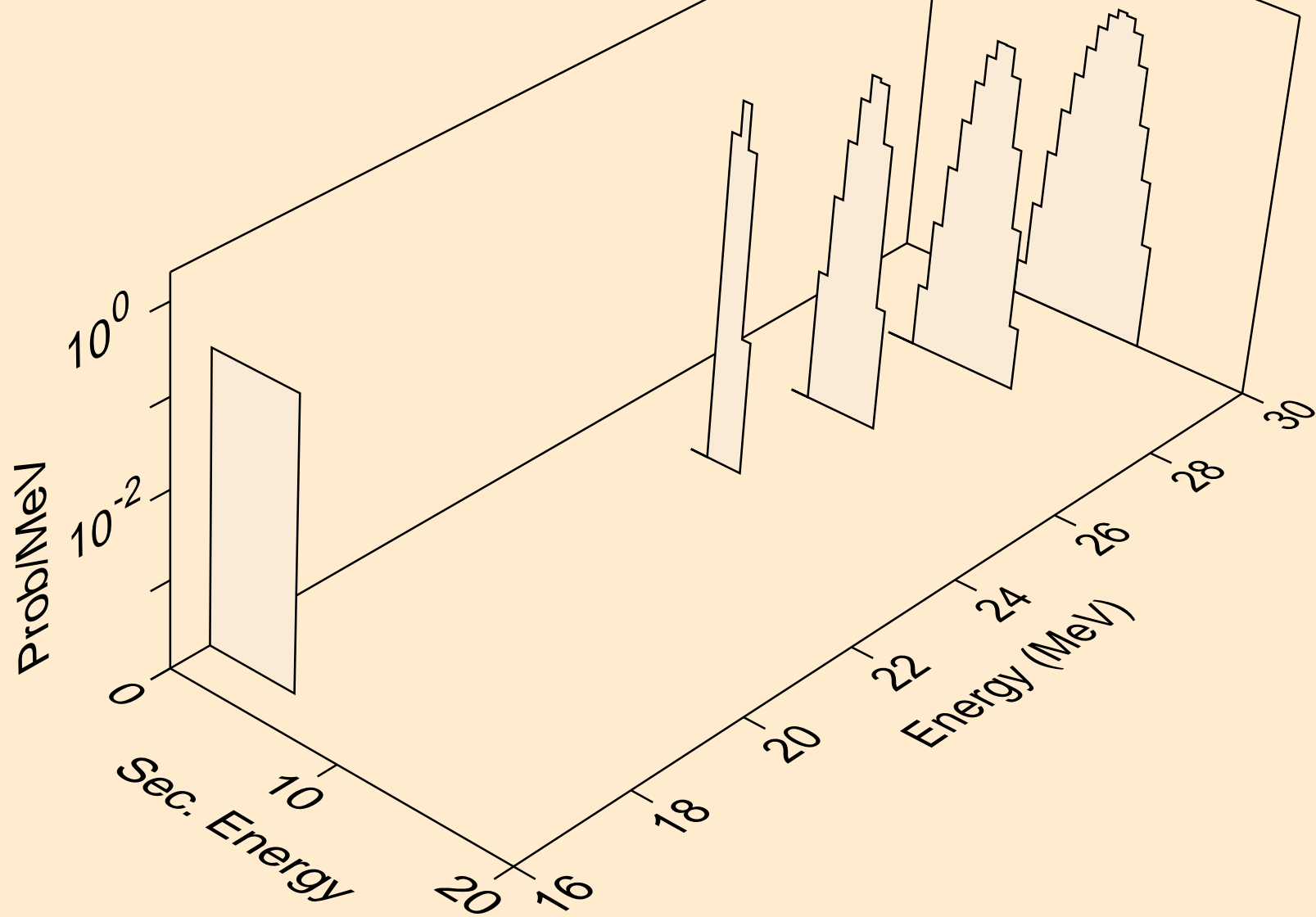
OS183M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,n\*)a



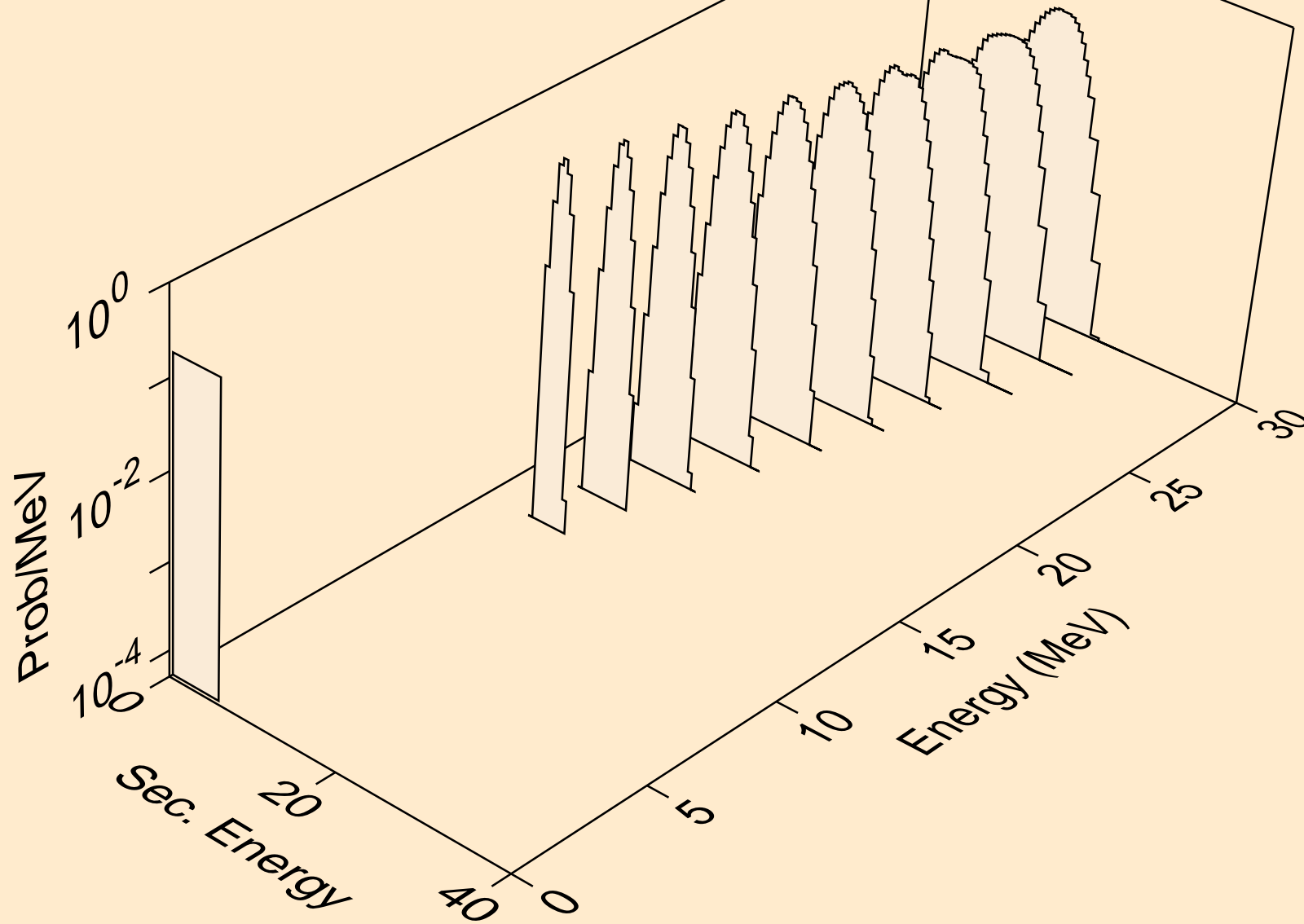
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alphas from (p,2n)a



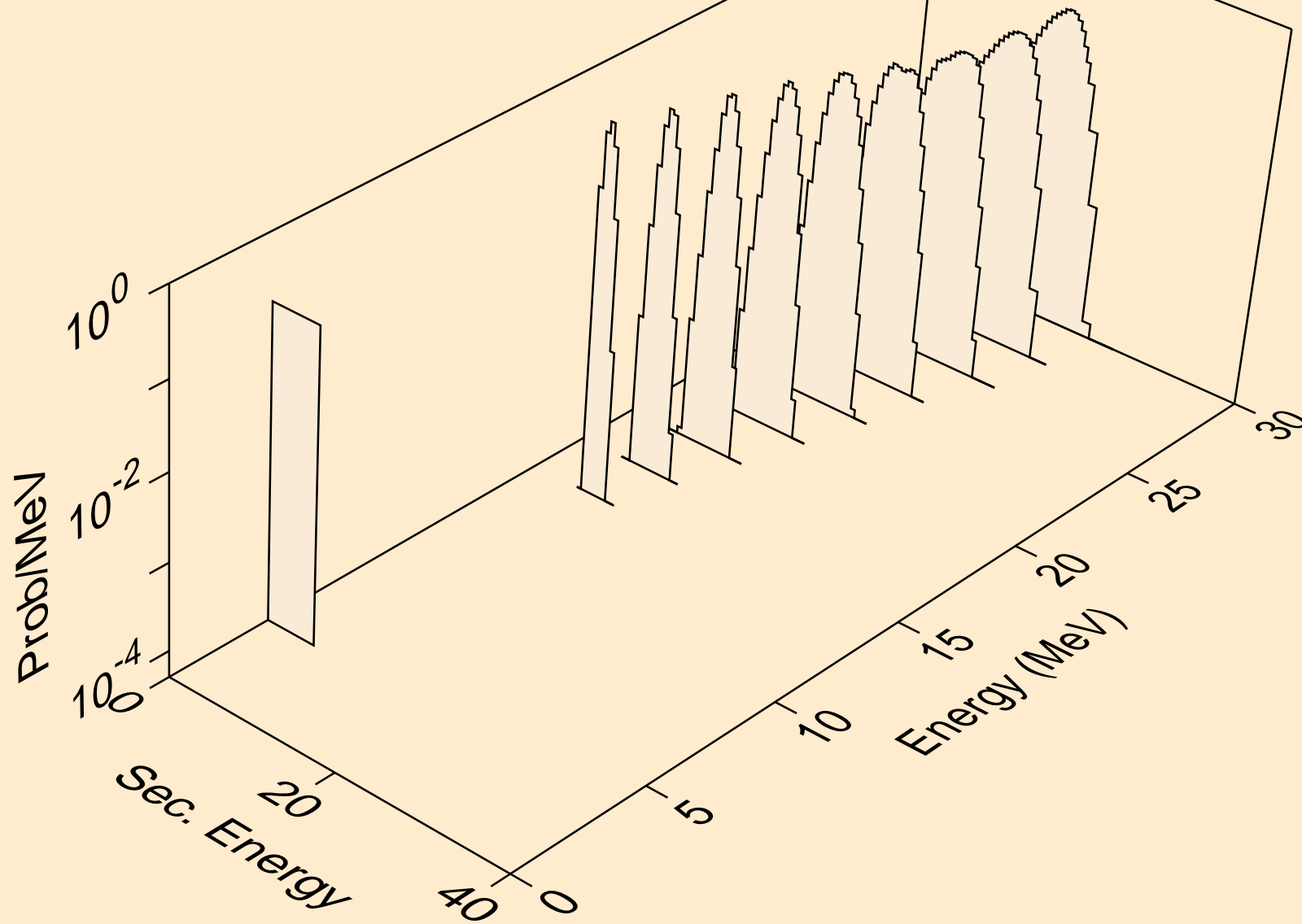
OS183M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,3n)a



OS183M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,n\*)2a

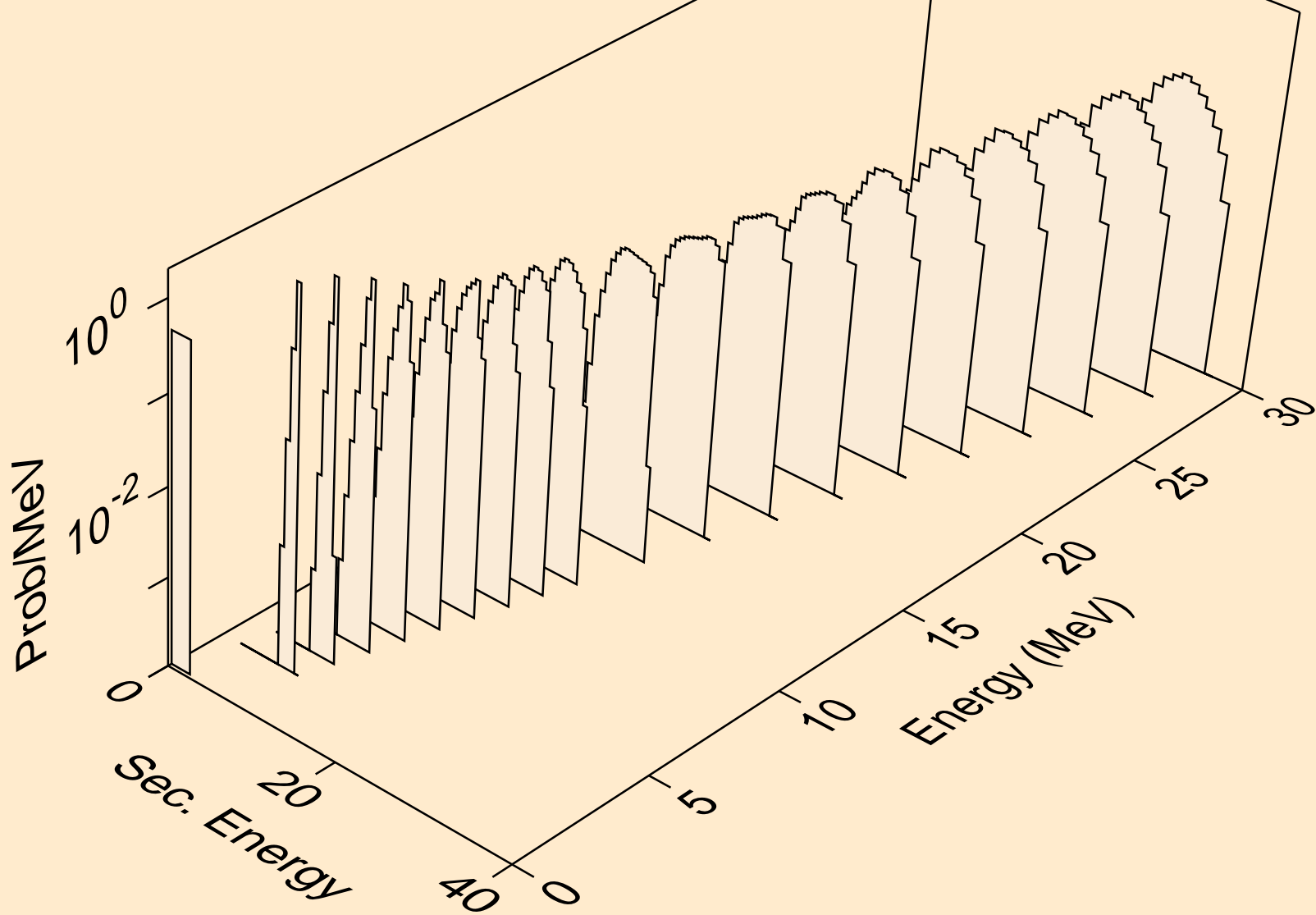


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alphas from (p,npa)

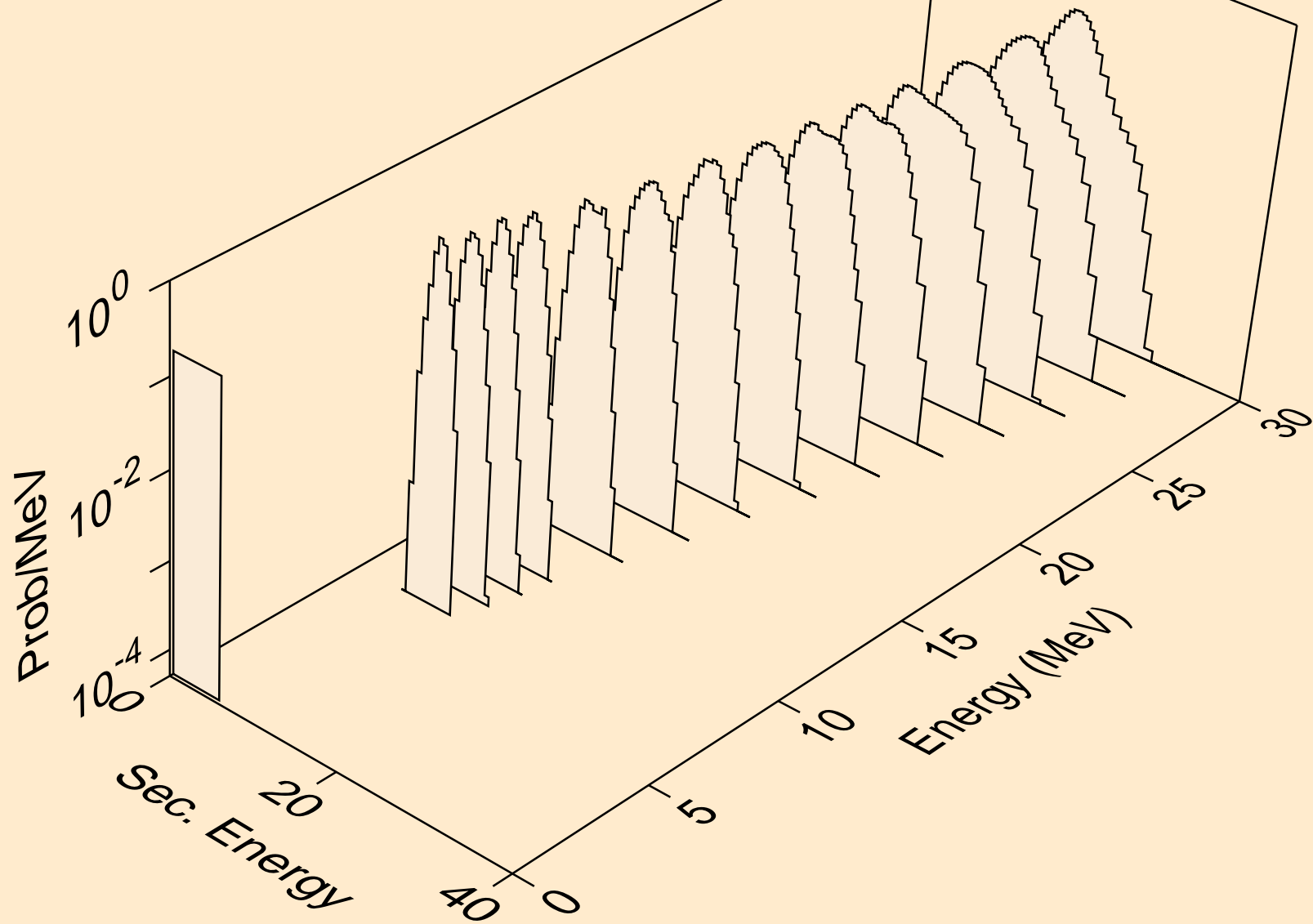




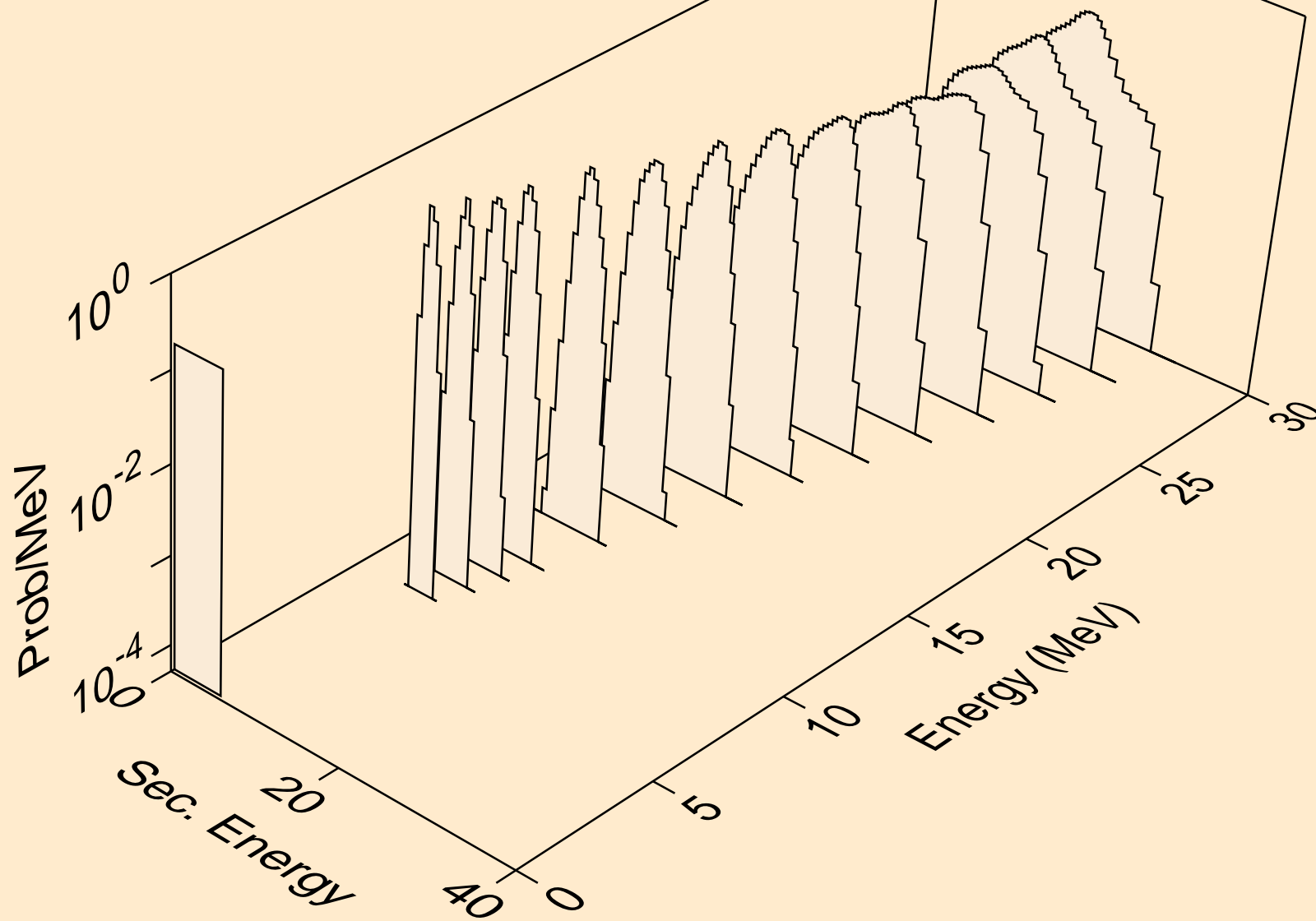
OS183M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,a)



OS183M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,2a)



OS183M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,pa)



OS183M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,da)

