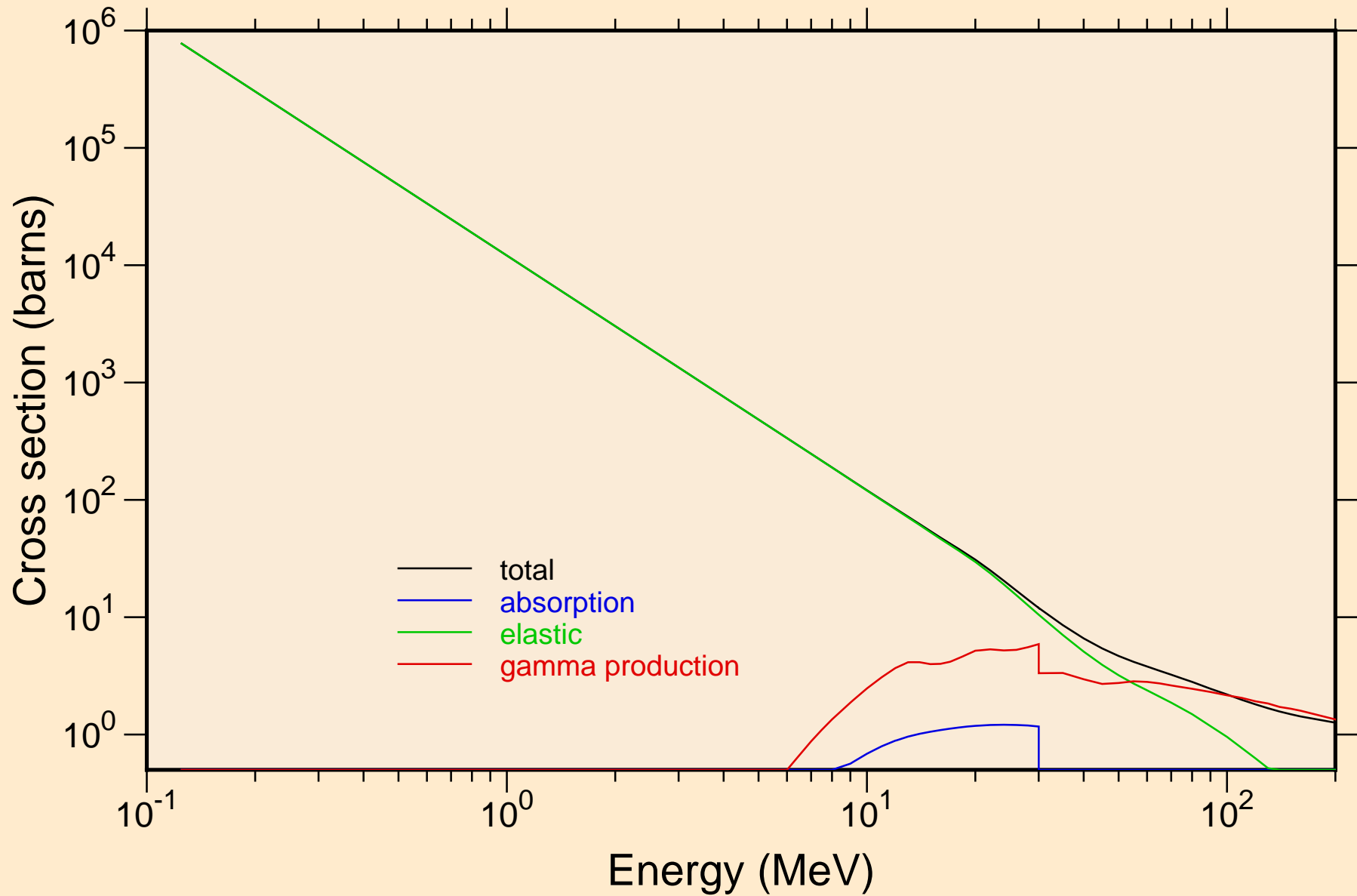
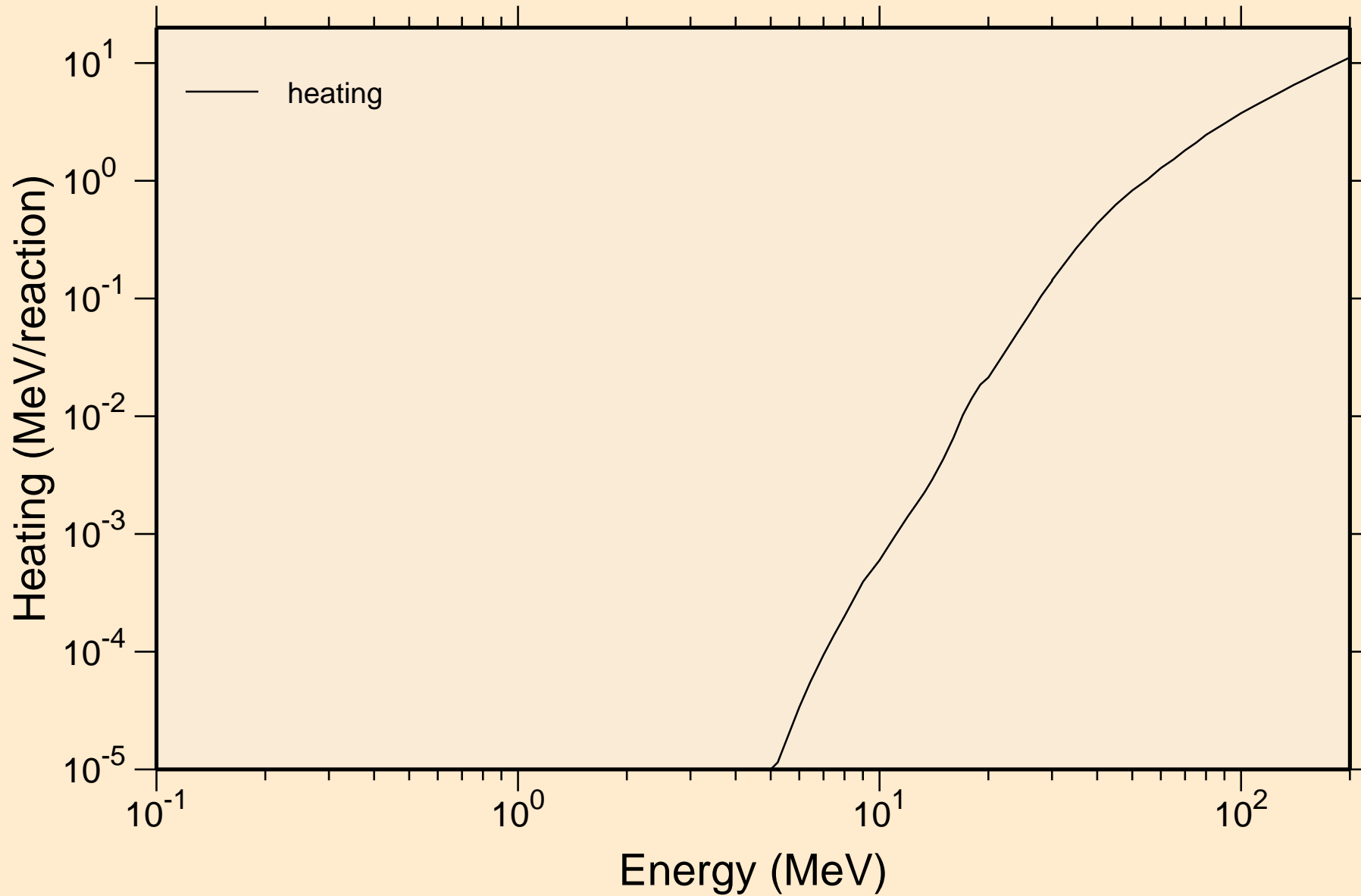


# RU110 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

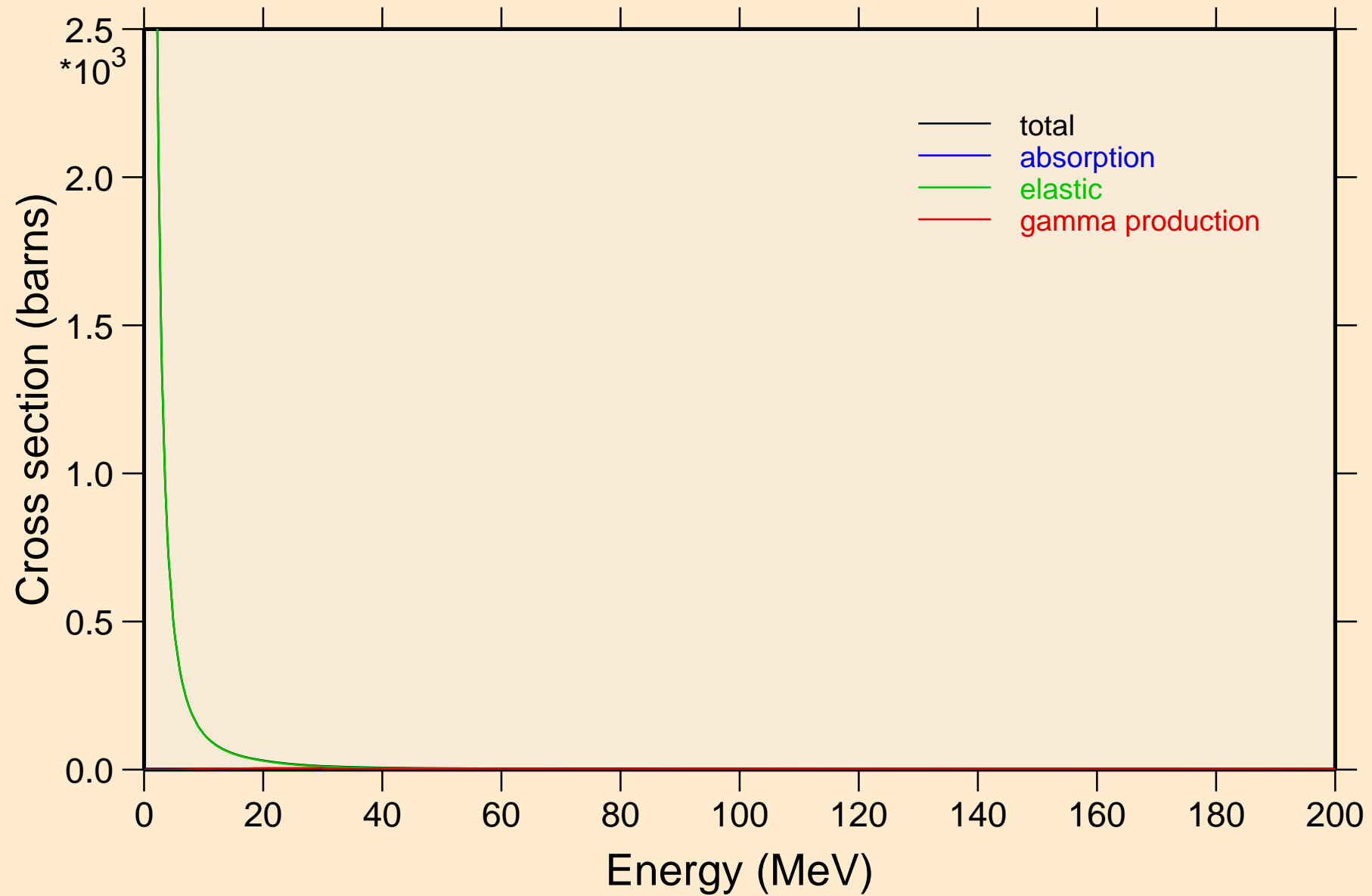


RU110 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Heating



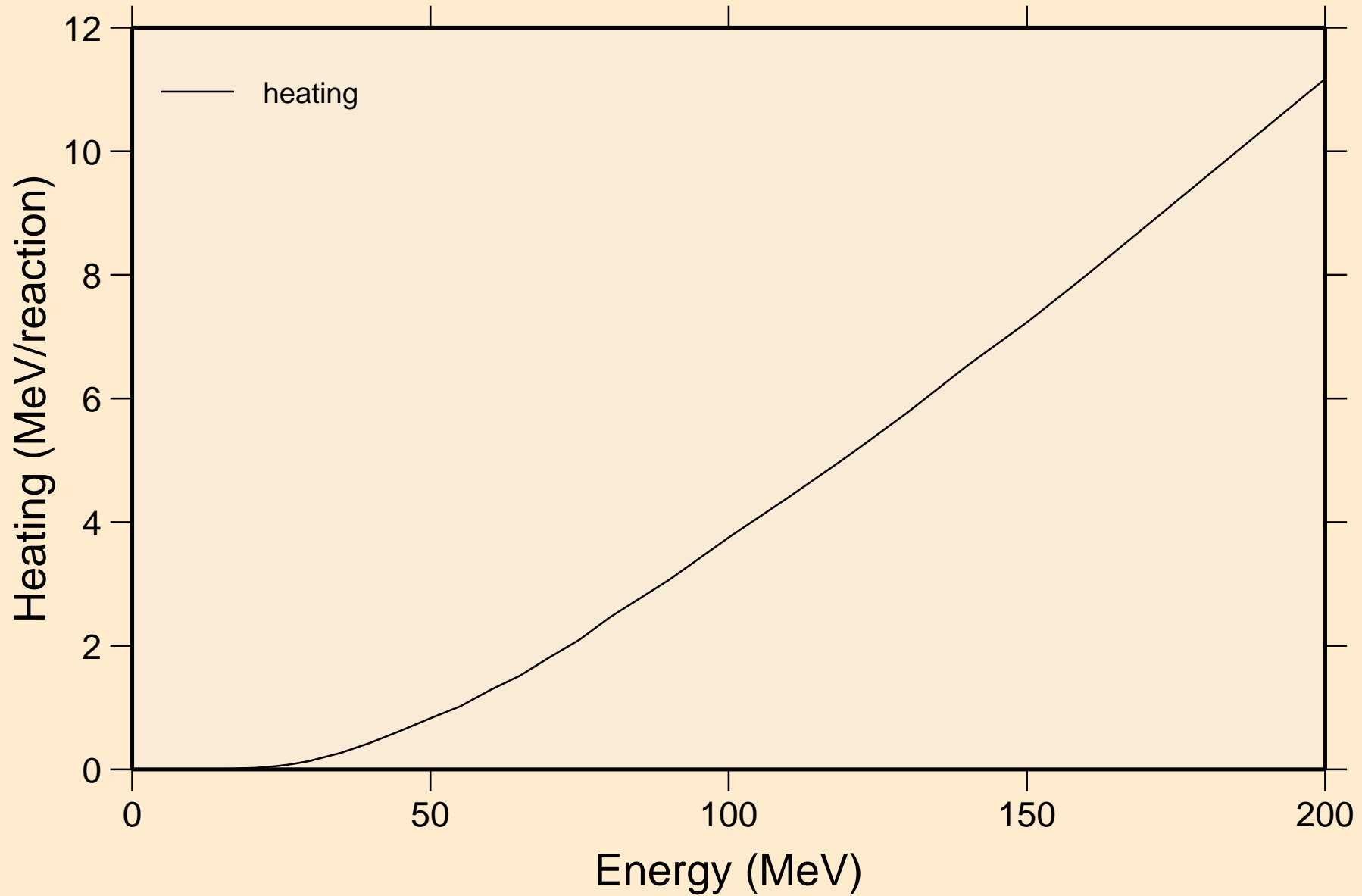
# RU110 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

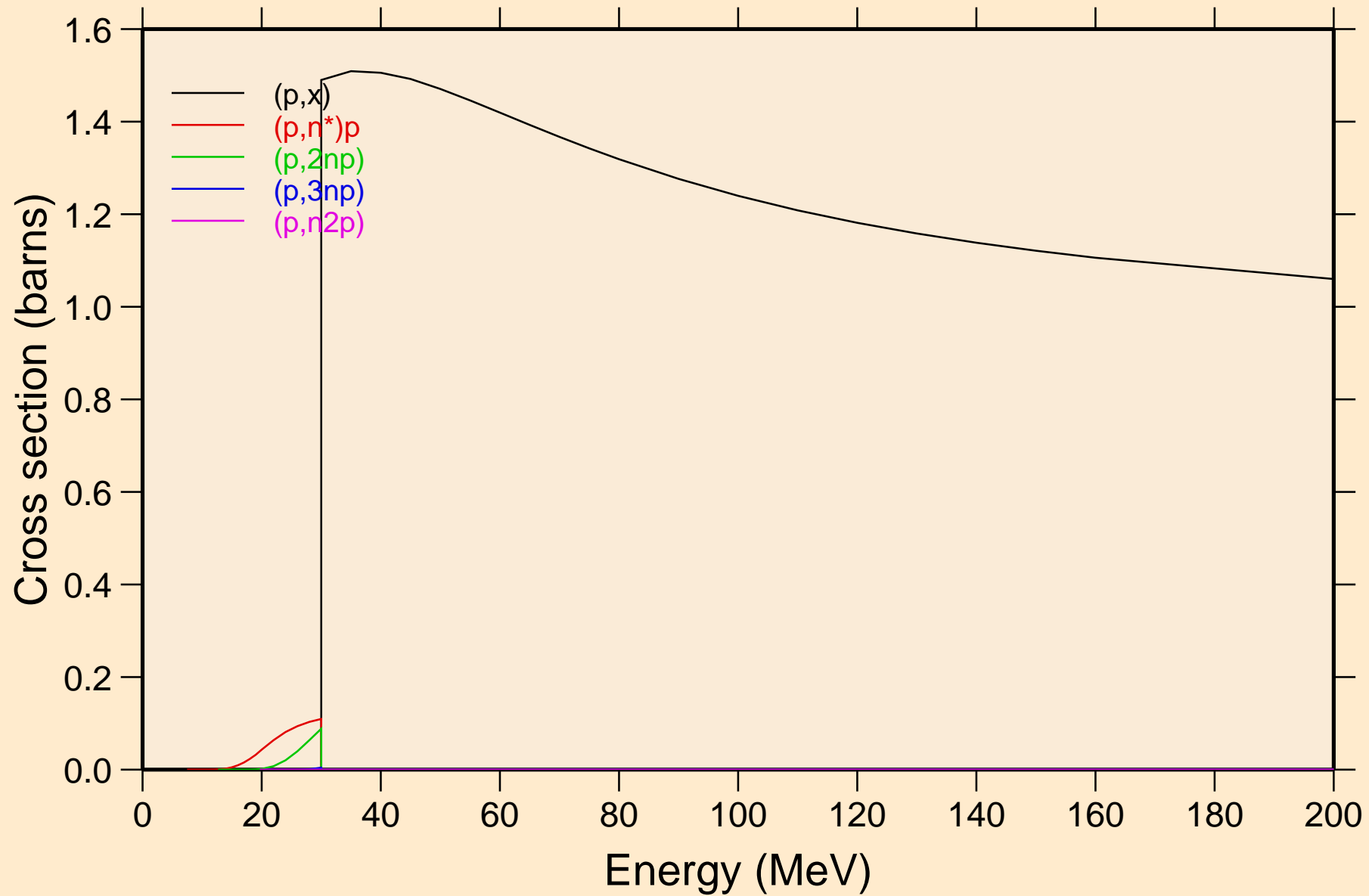


# RU110 PROTON ACER TENDL-2023 LIBRARY; T=0.K

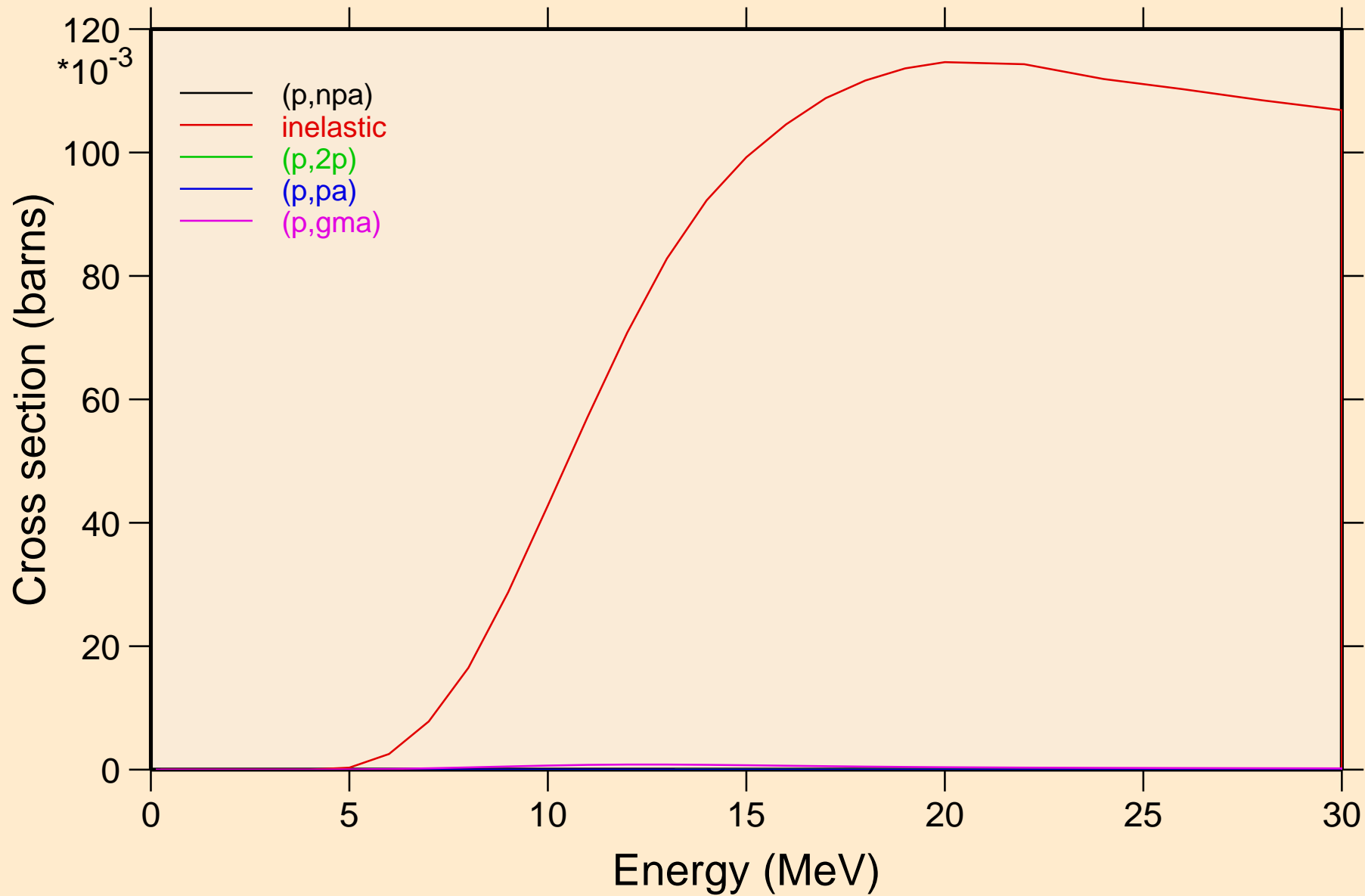
## Heating



RU110 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

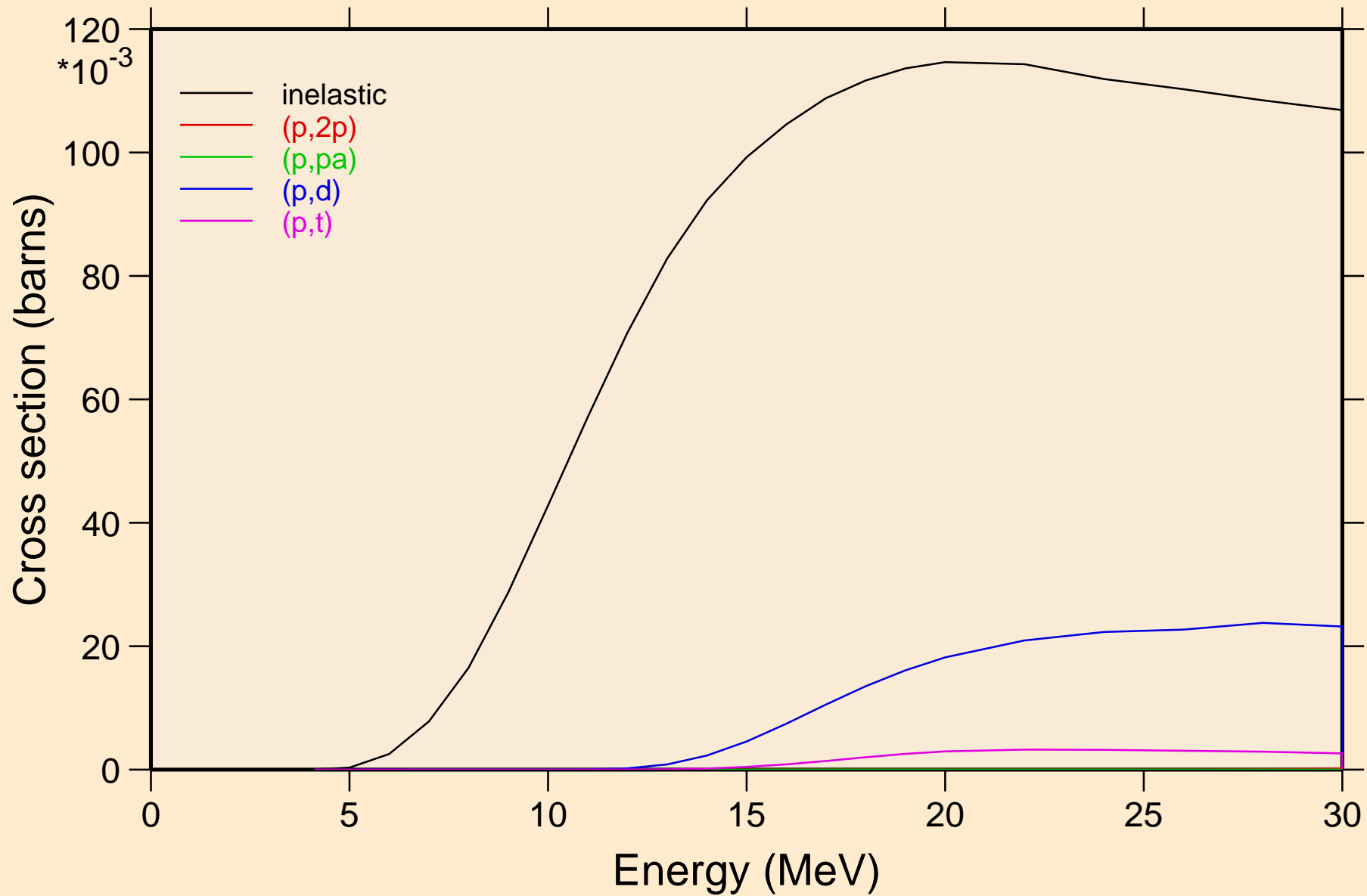


RU110 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

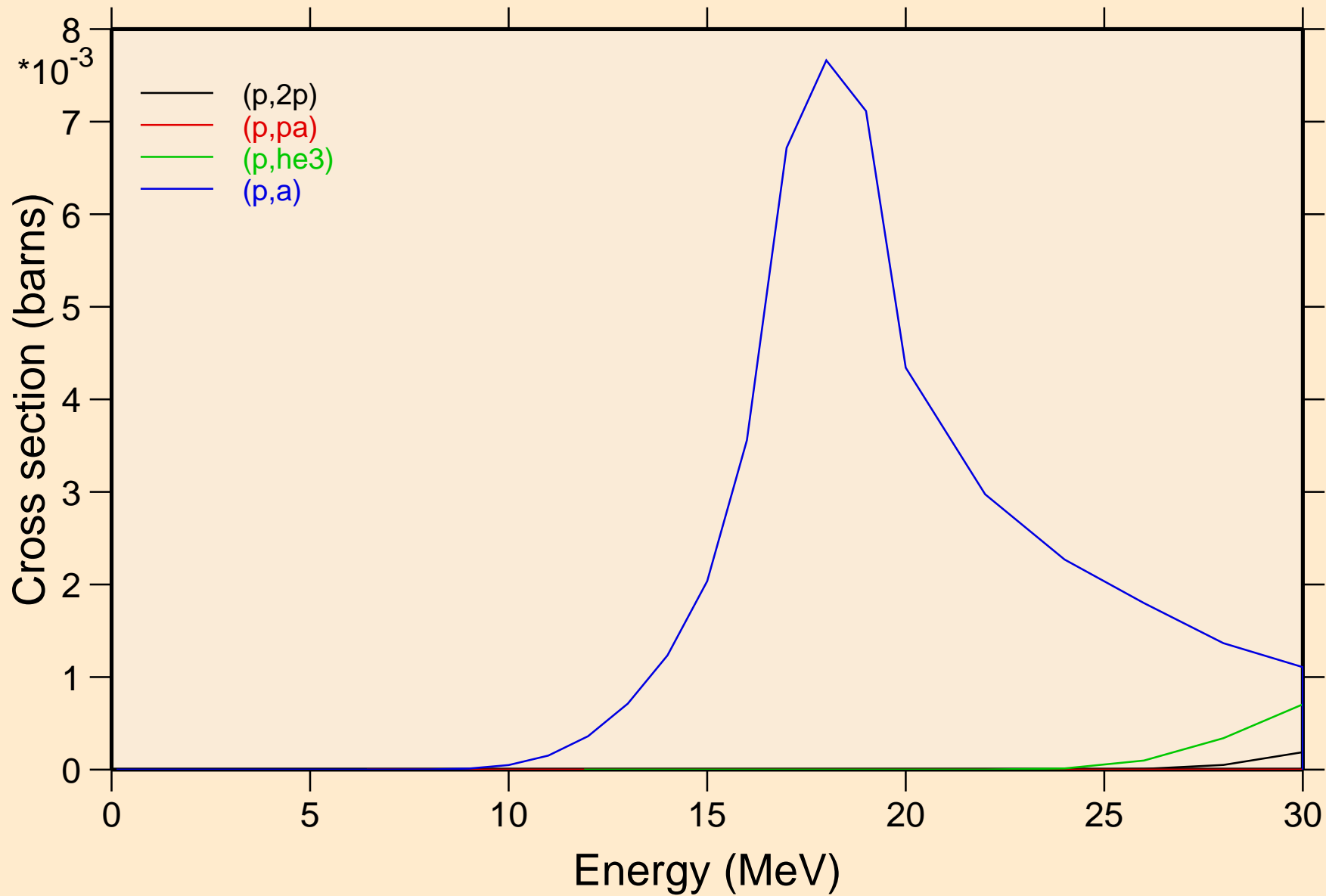


# RU110 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

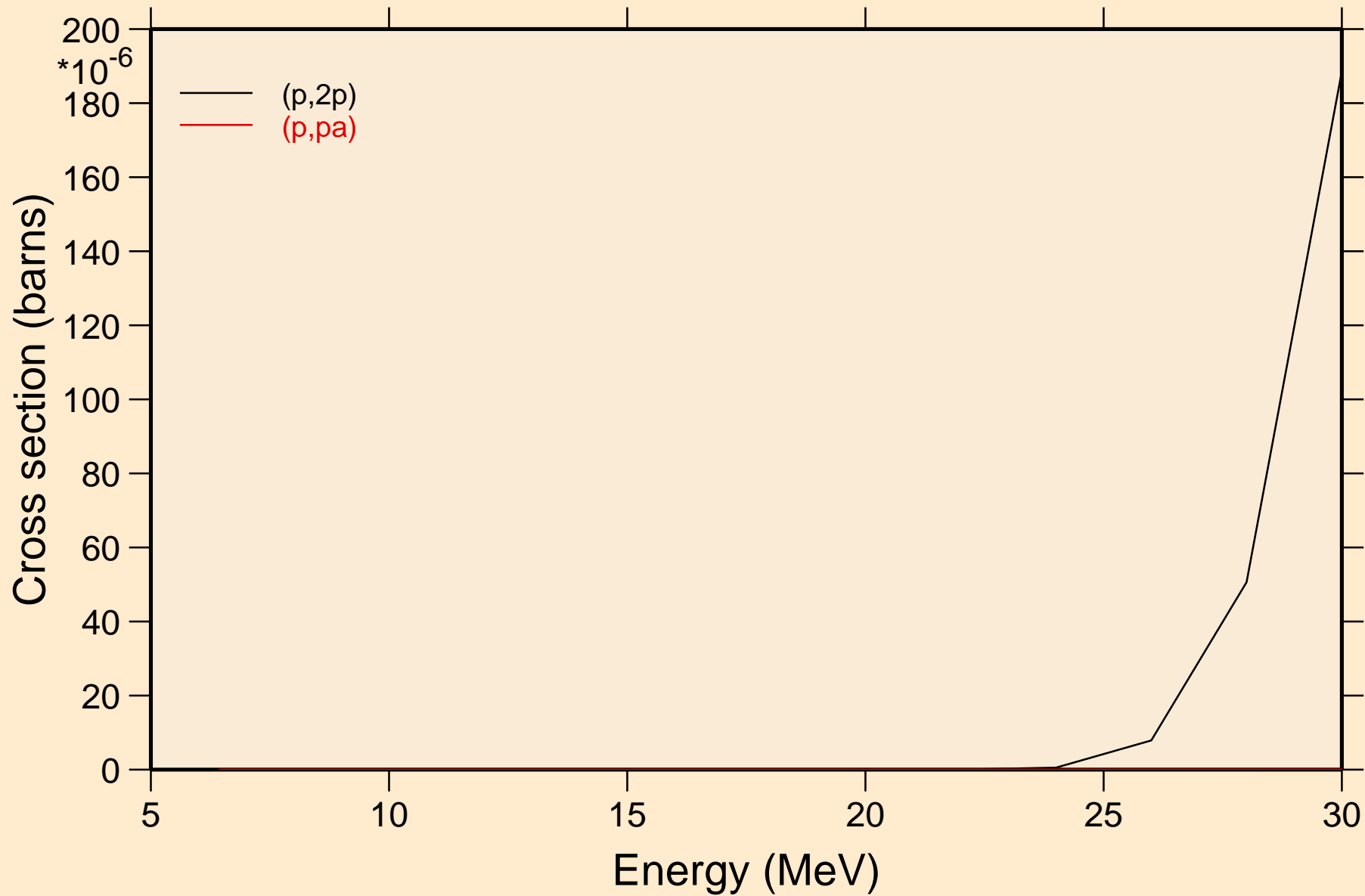


RU110 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

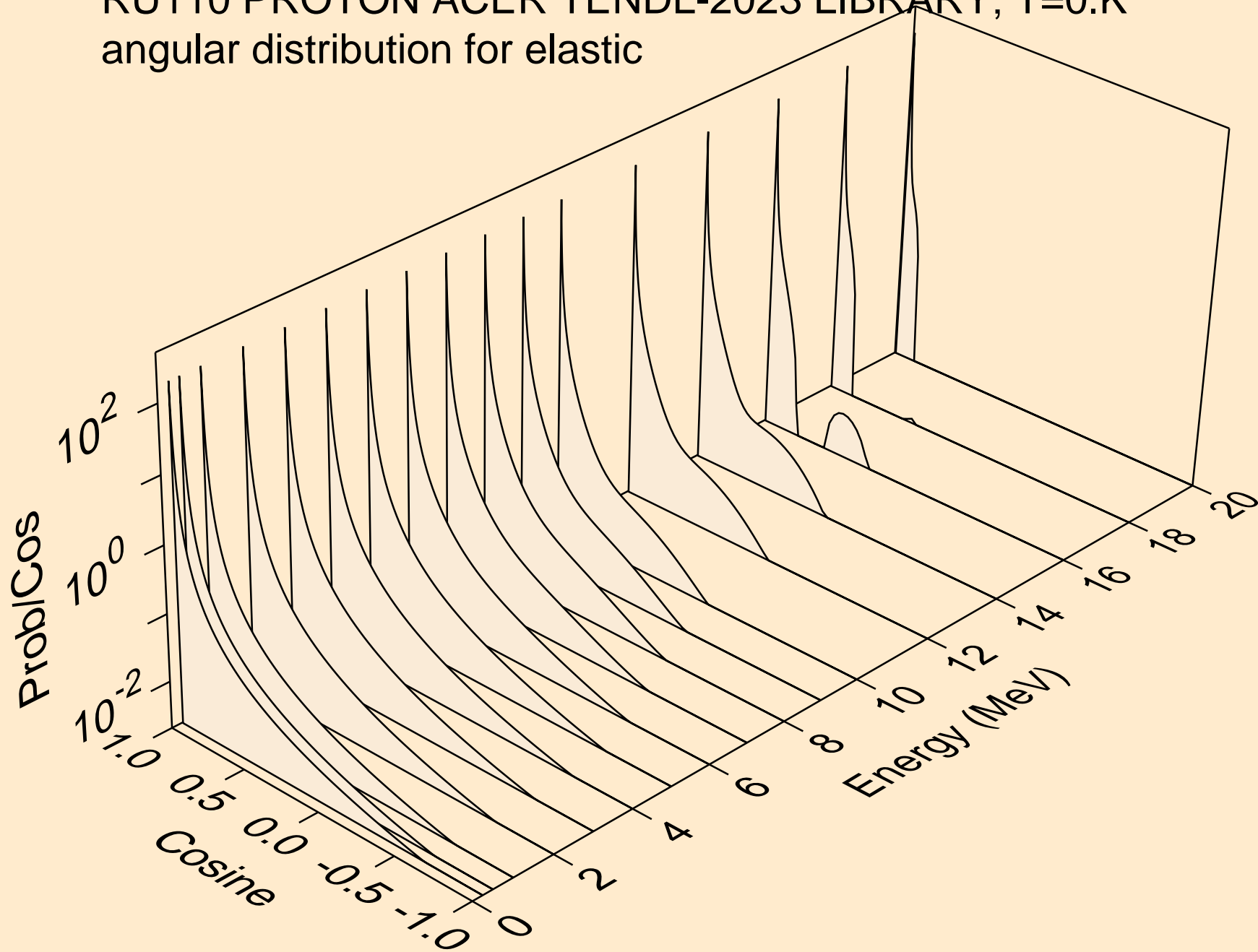




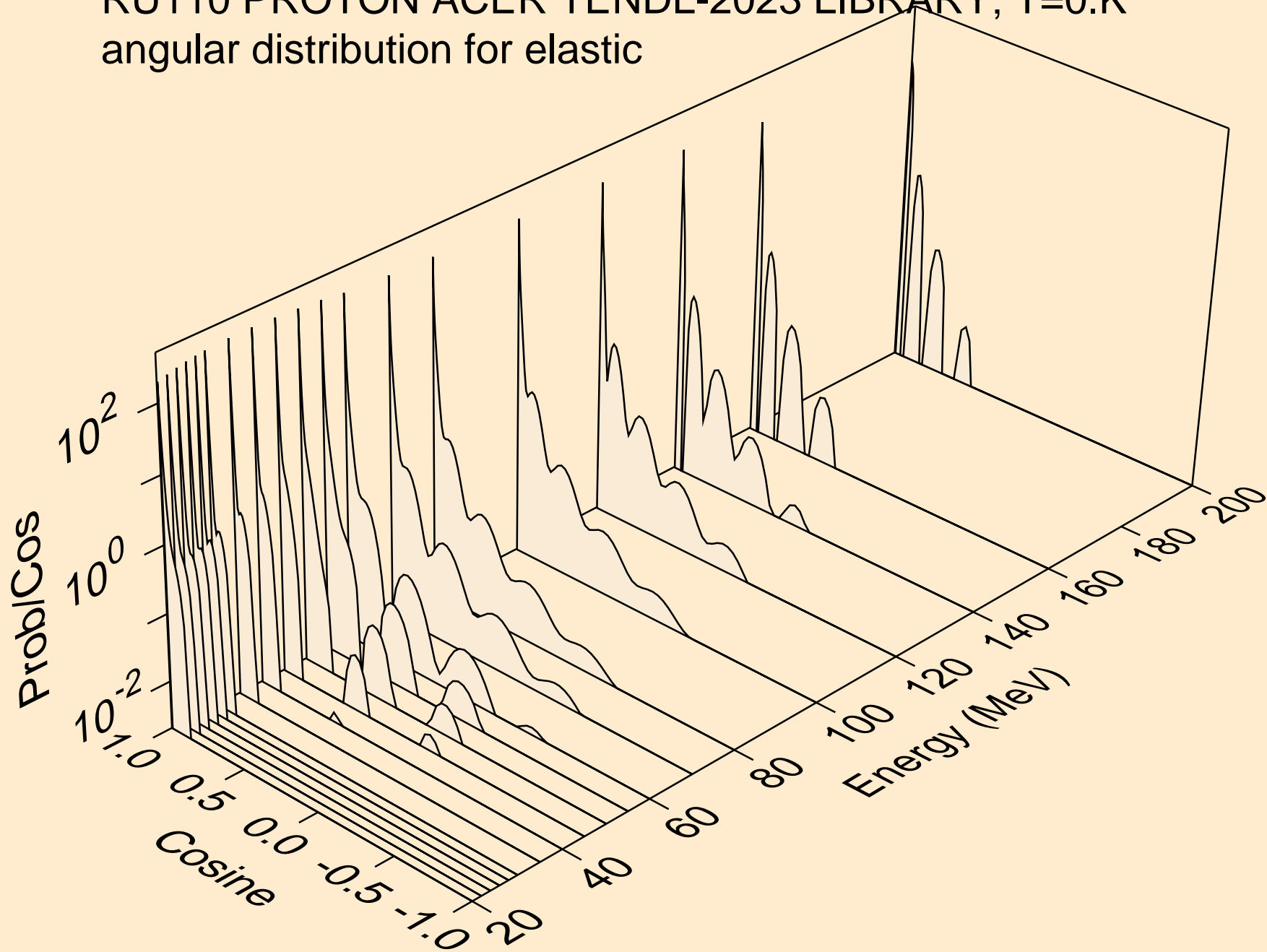
RU110 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



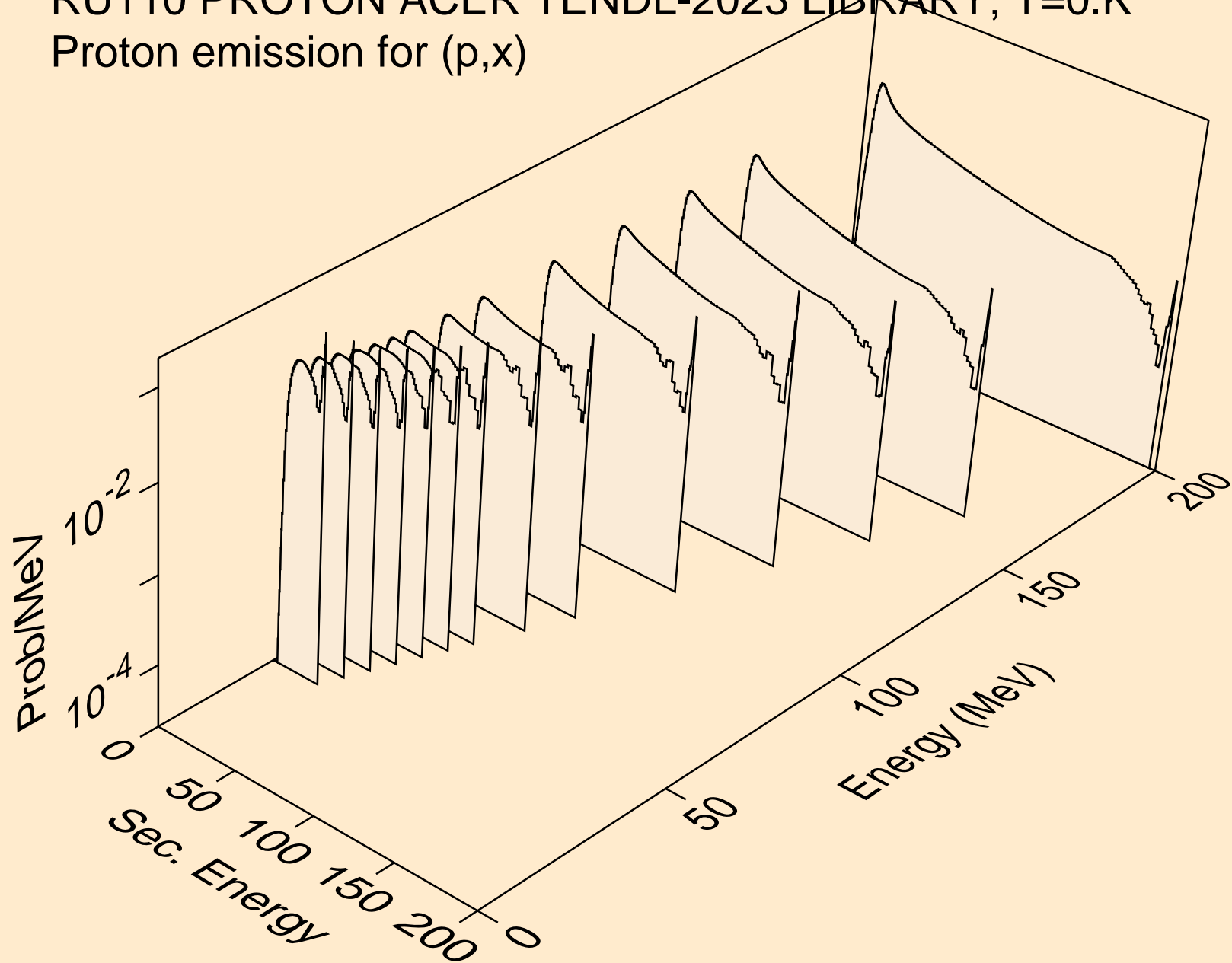
RU110 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



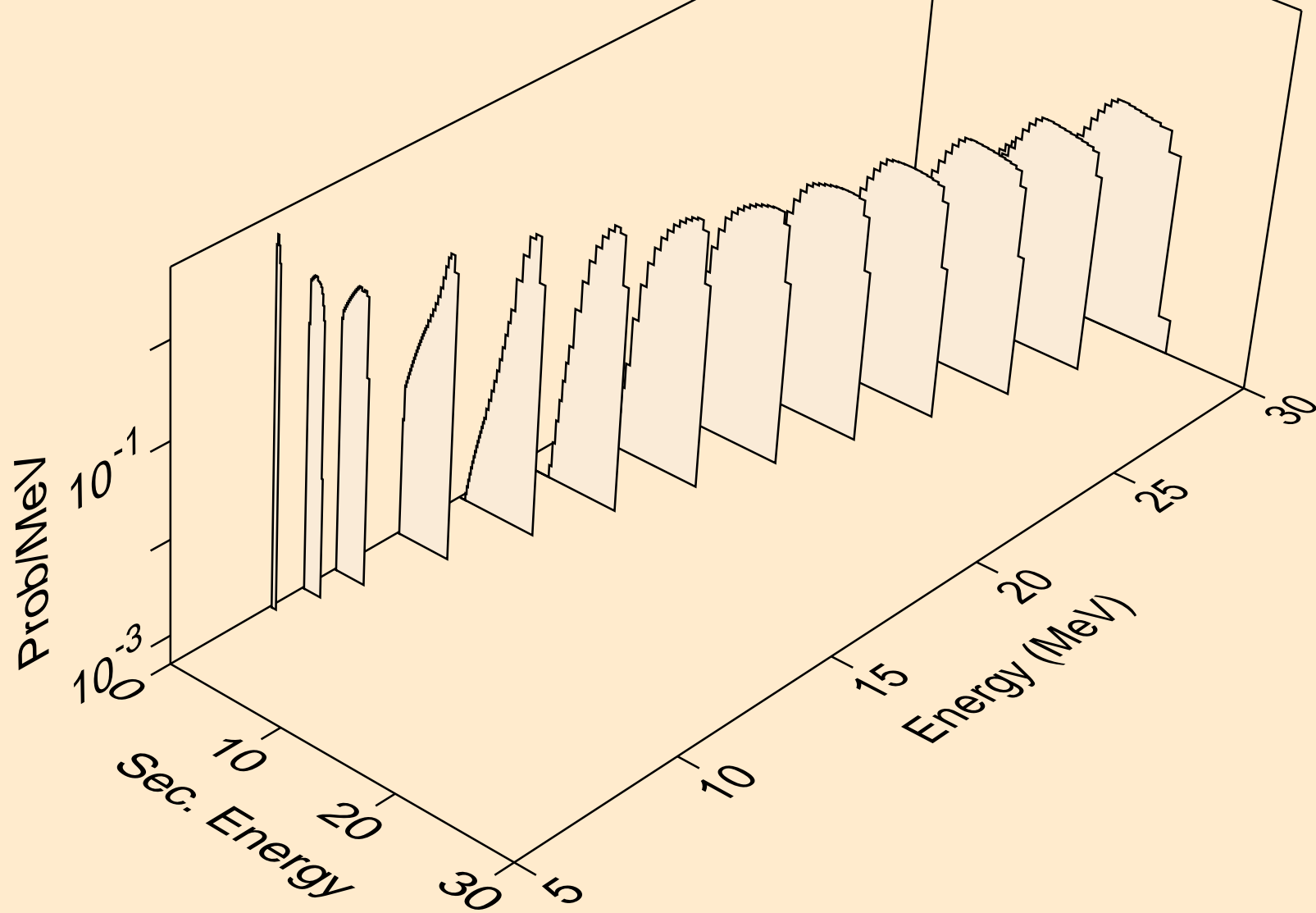
RU110 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



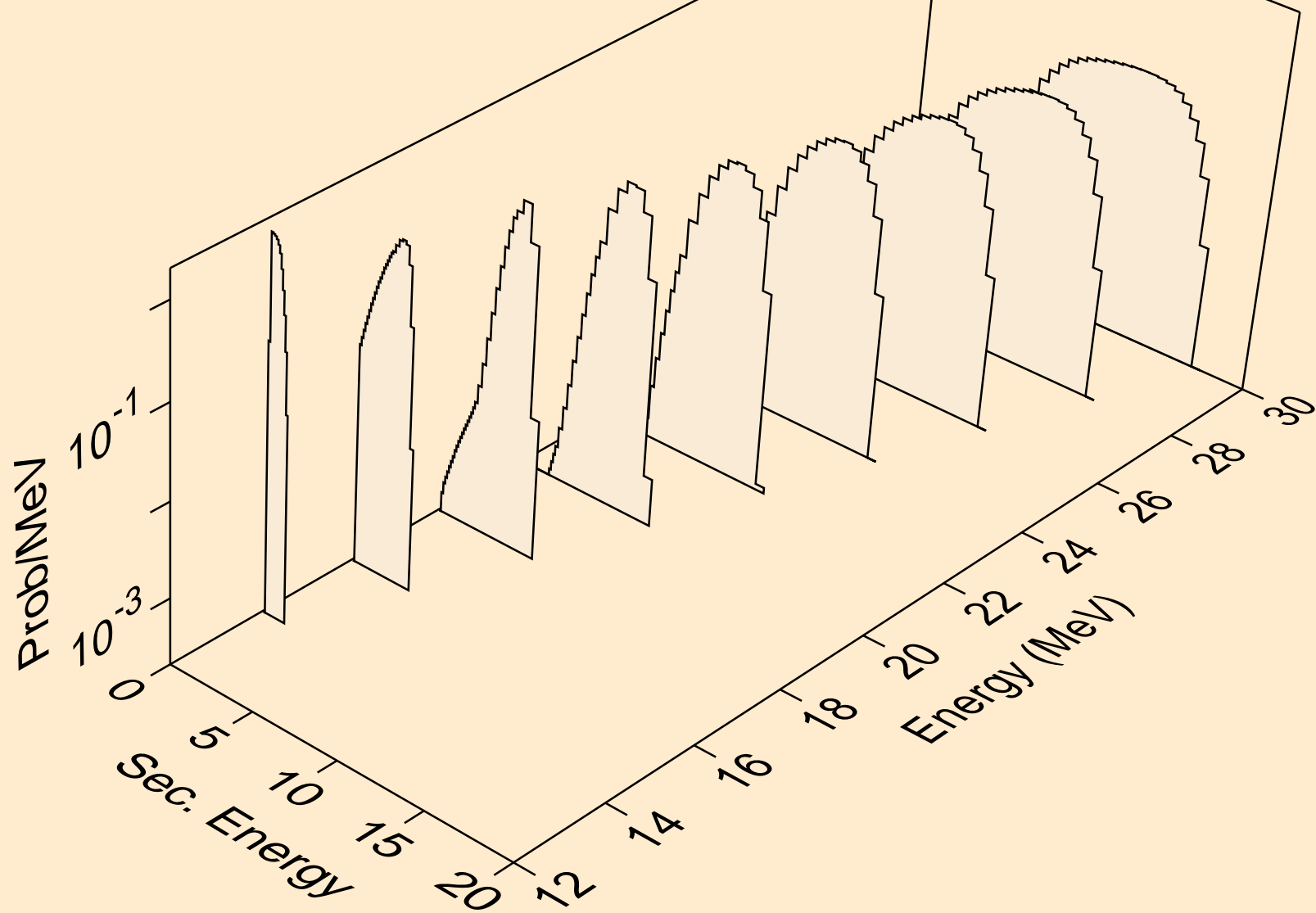
RU110 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



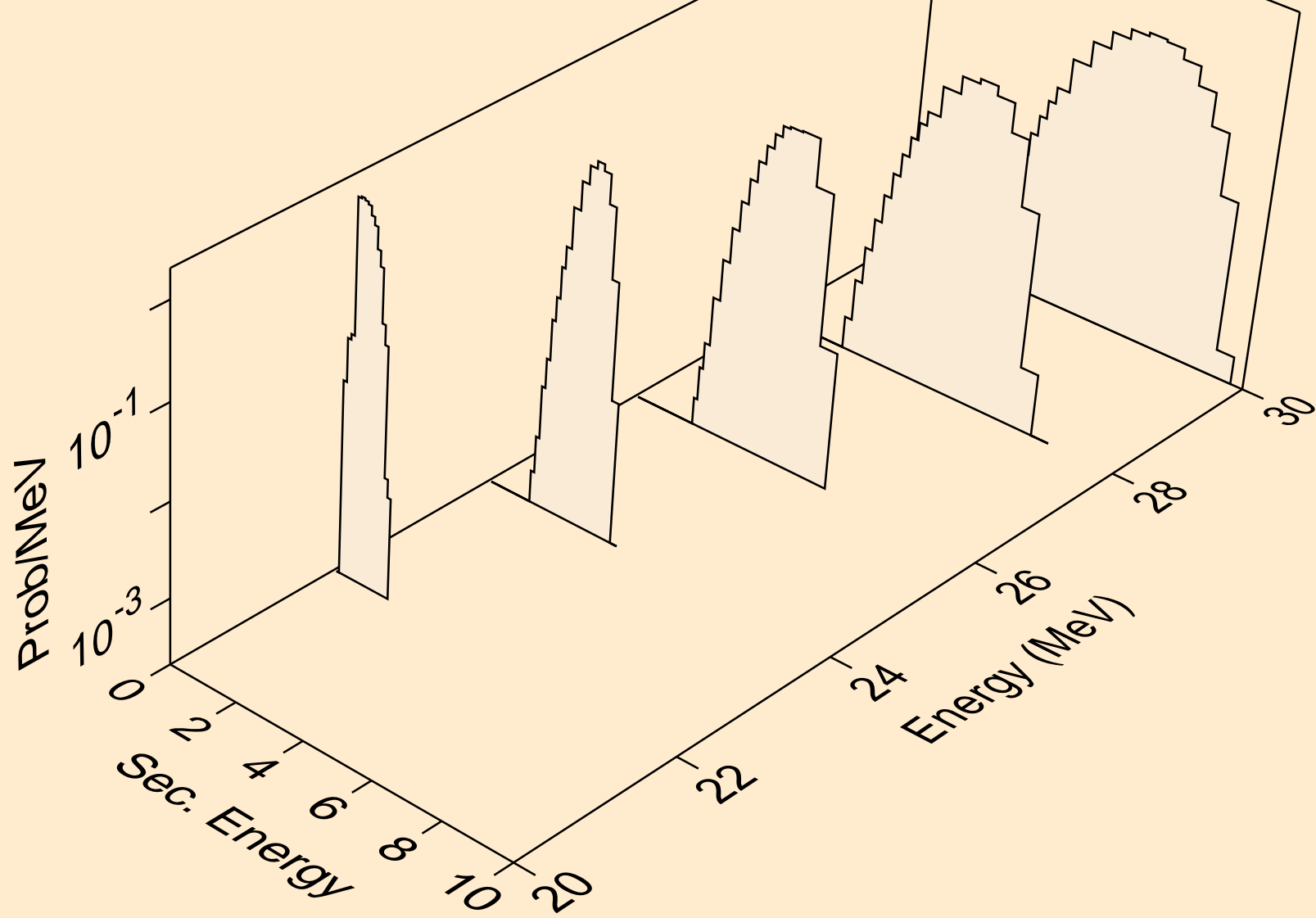
RU110 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



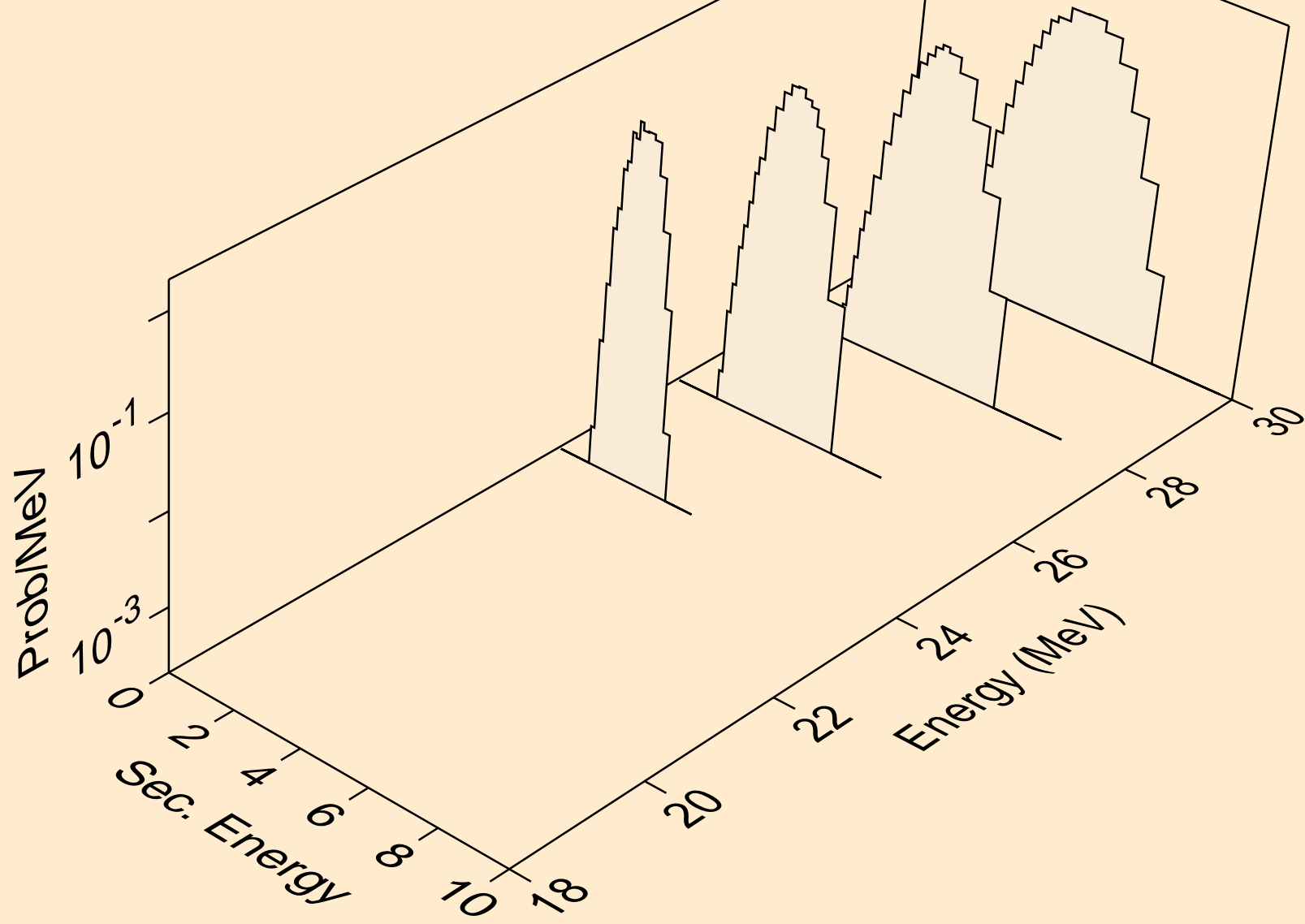
RU110 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



RU110 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,3np)

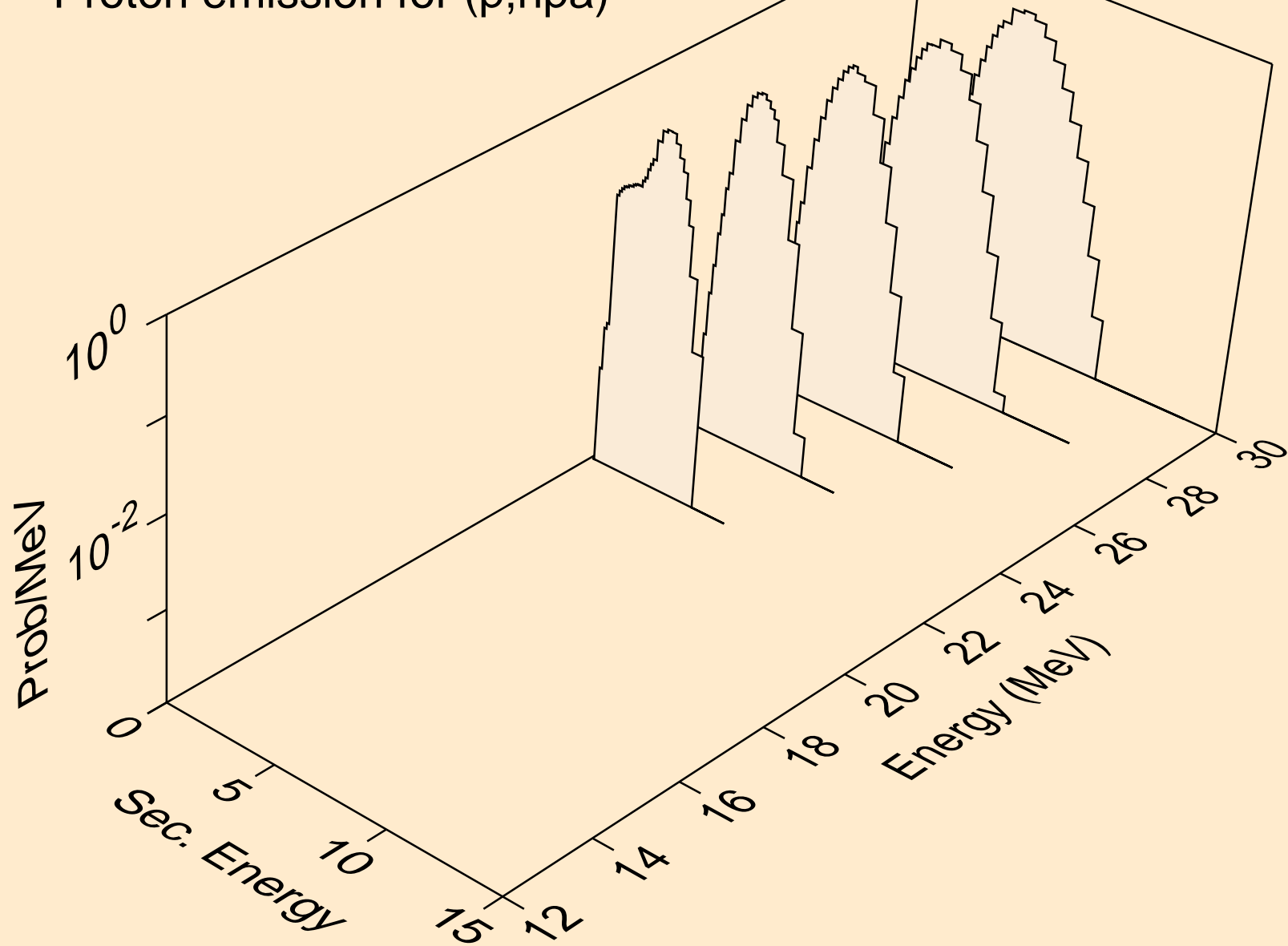


RU110 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)

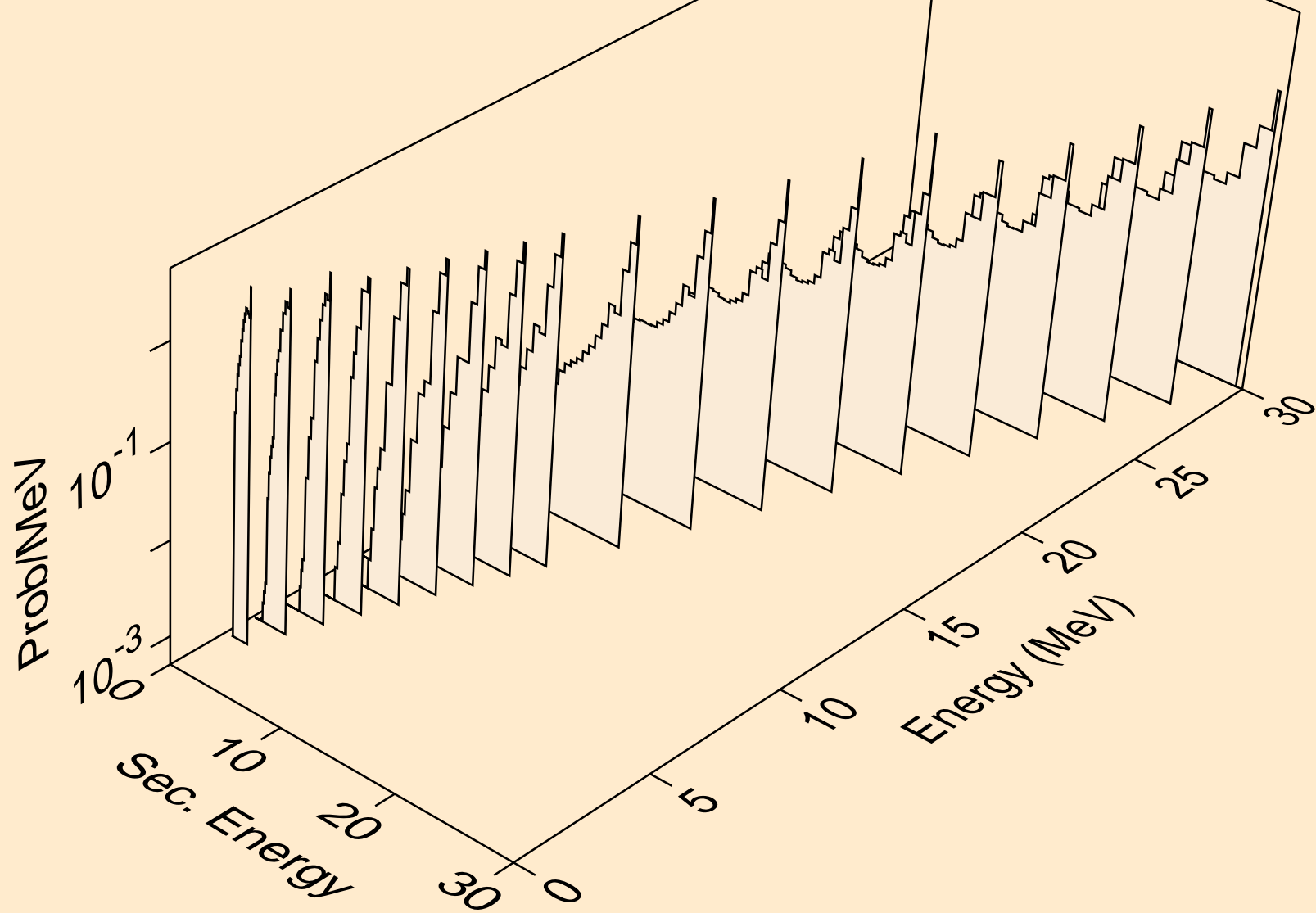




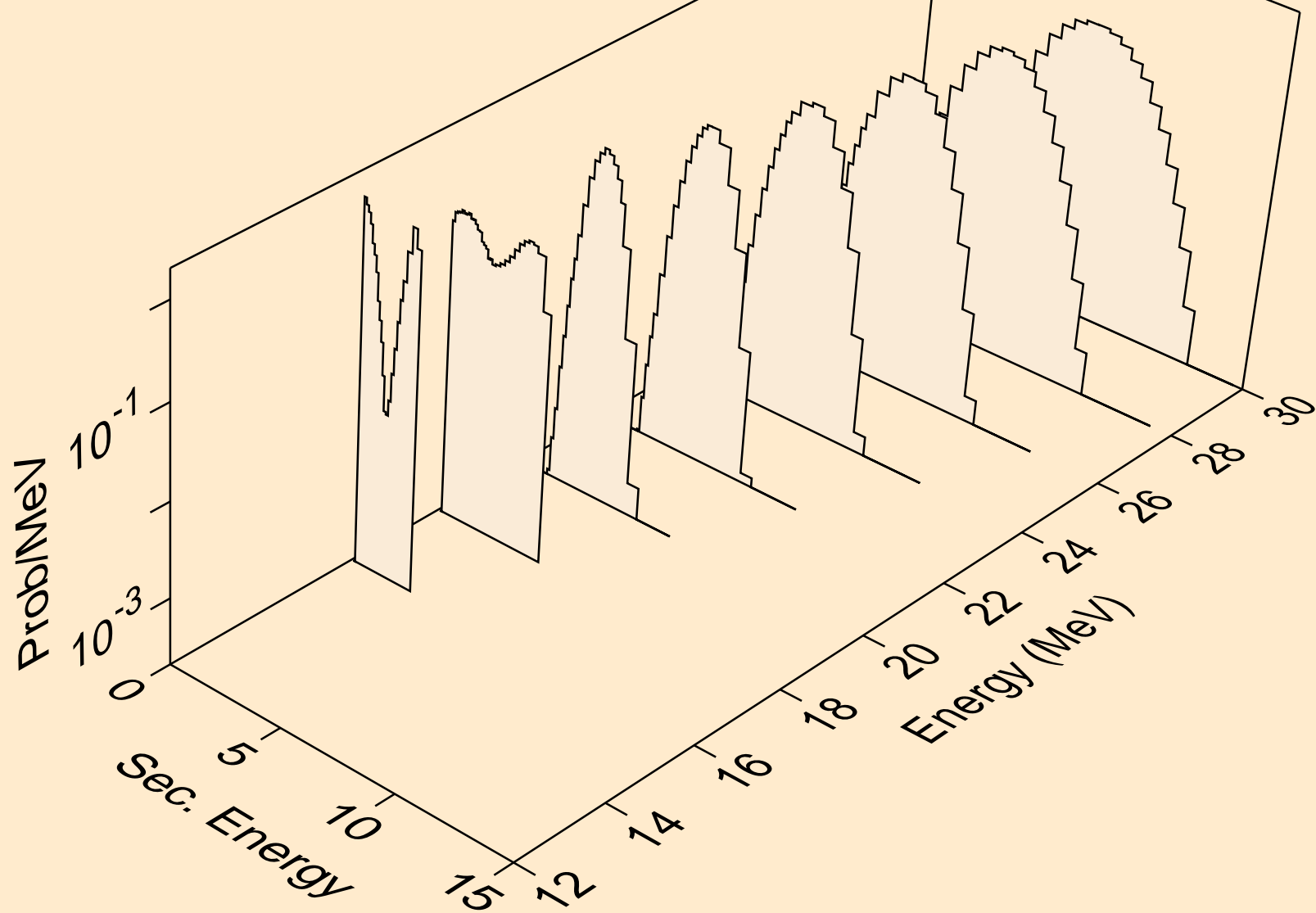
RU110 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,npa)



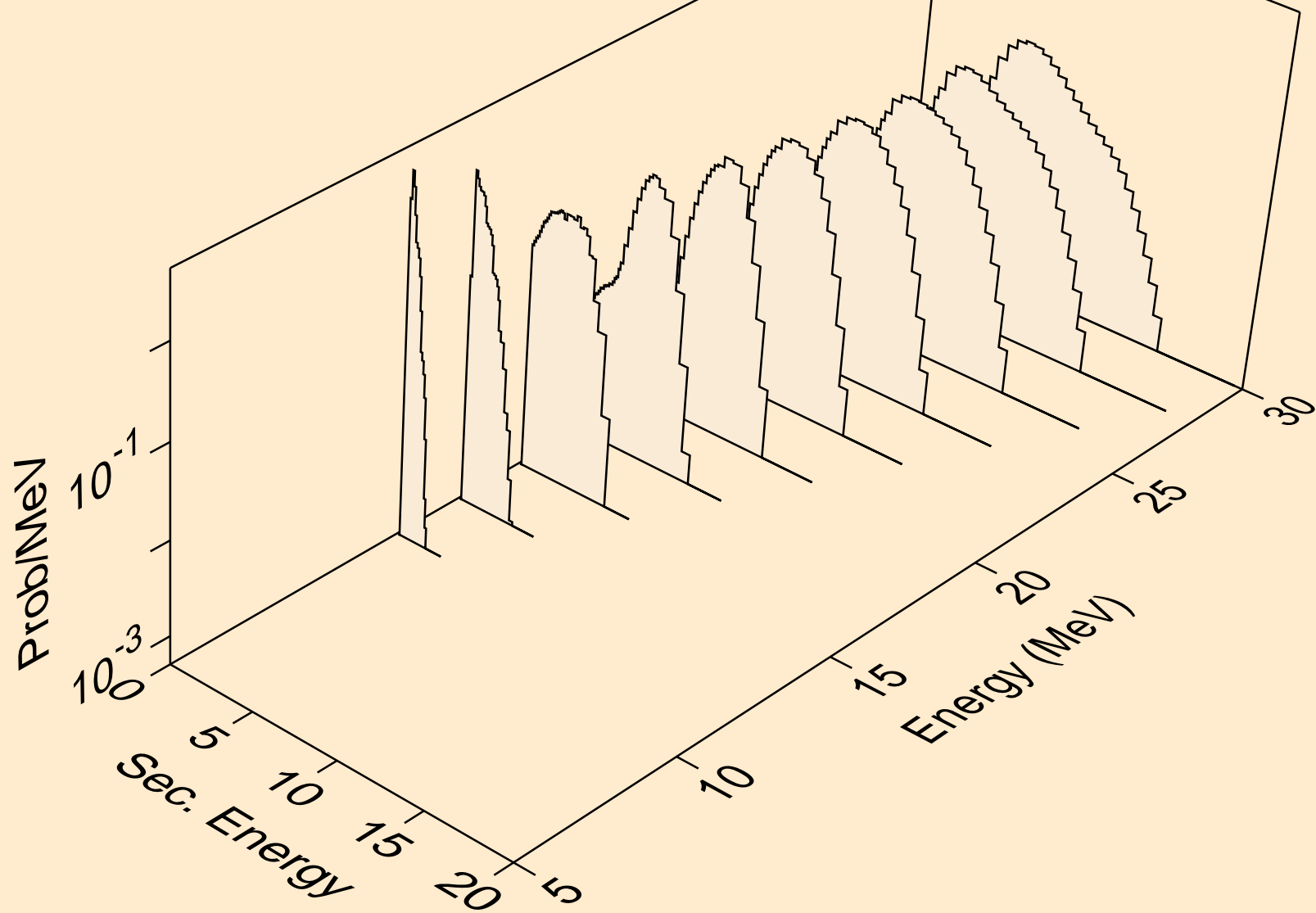
RU110 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic



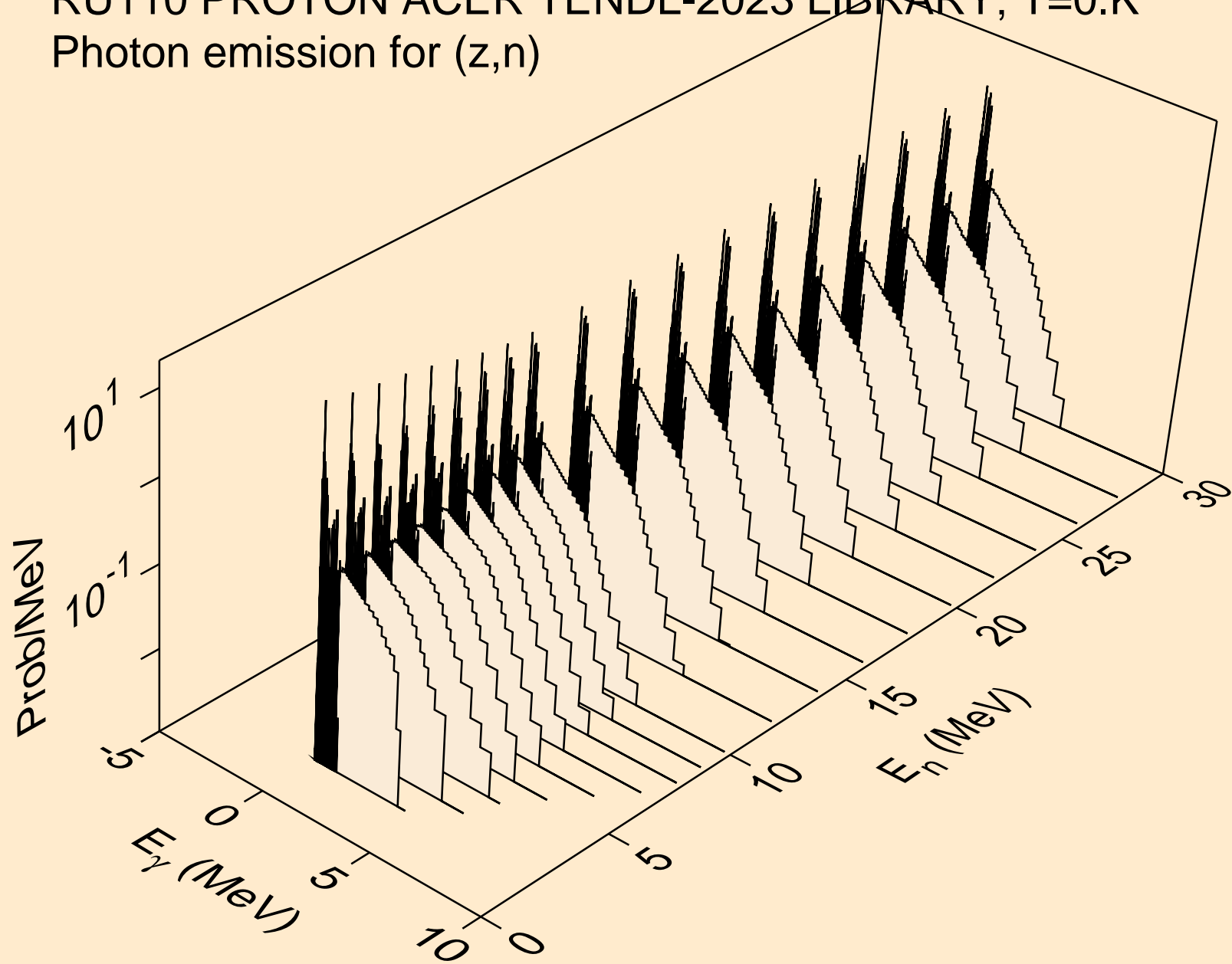
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Proton emission for (p,2p)



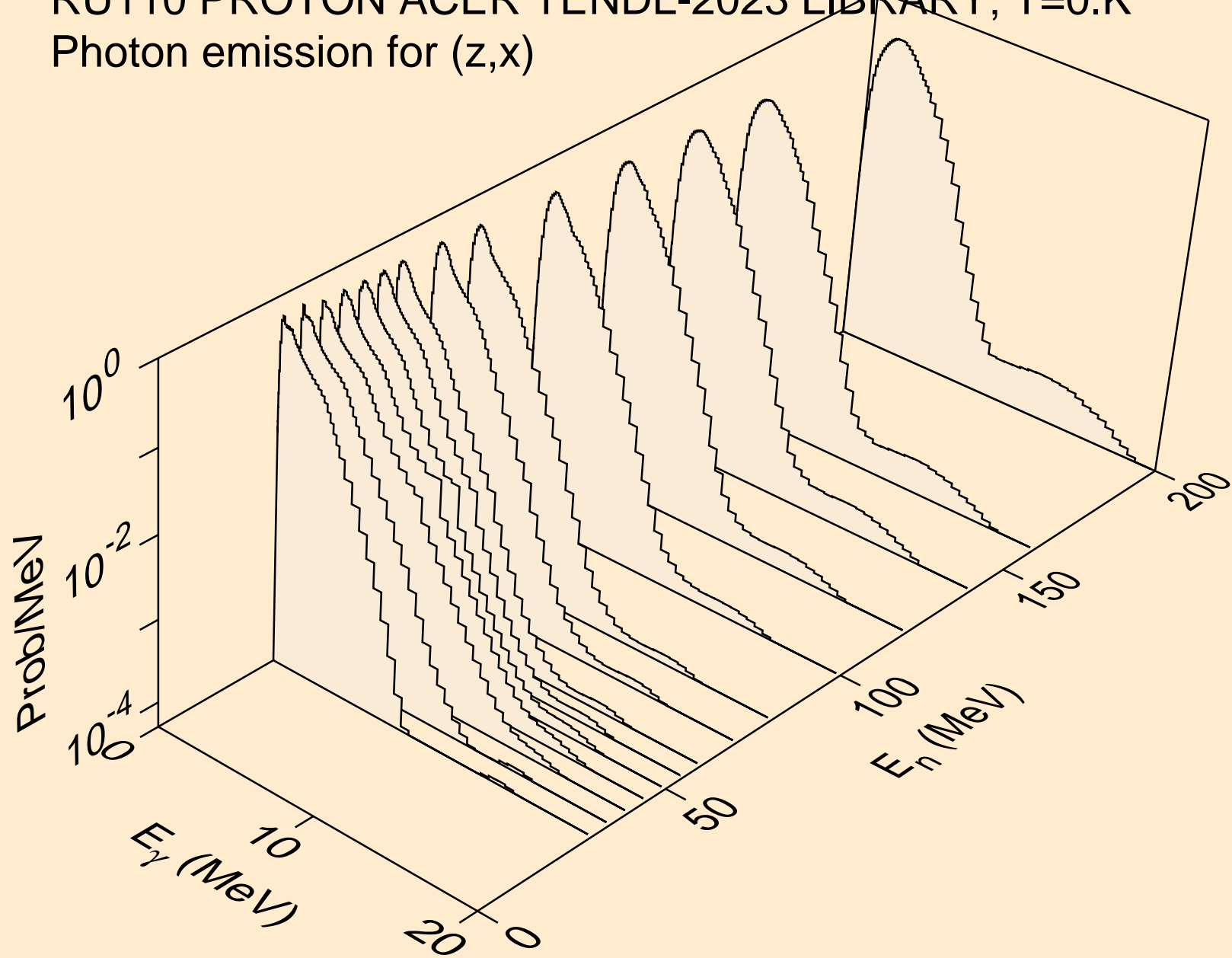
RU110 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pa)



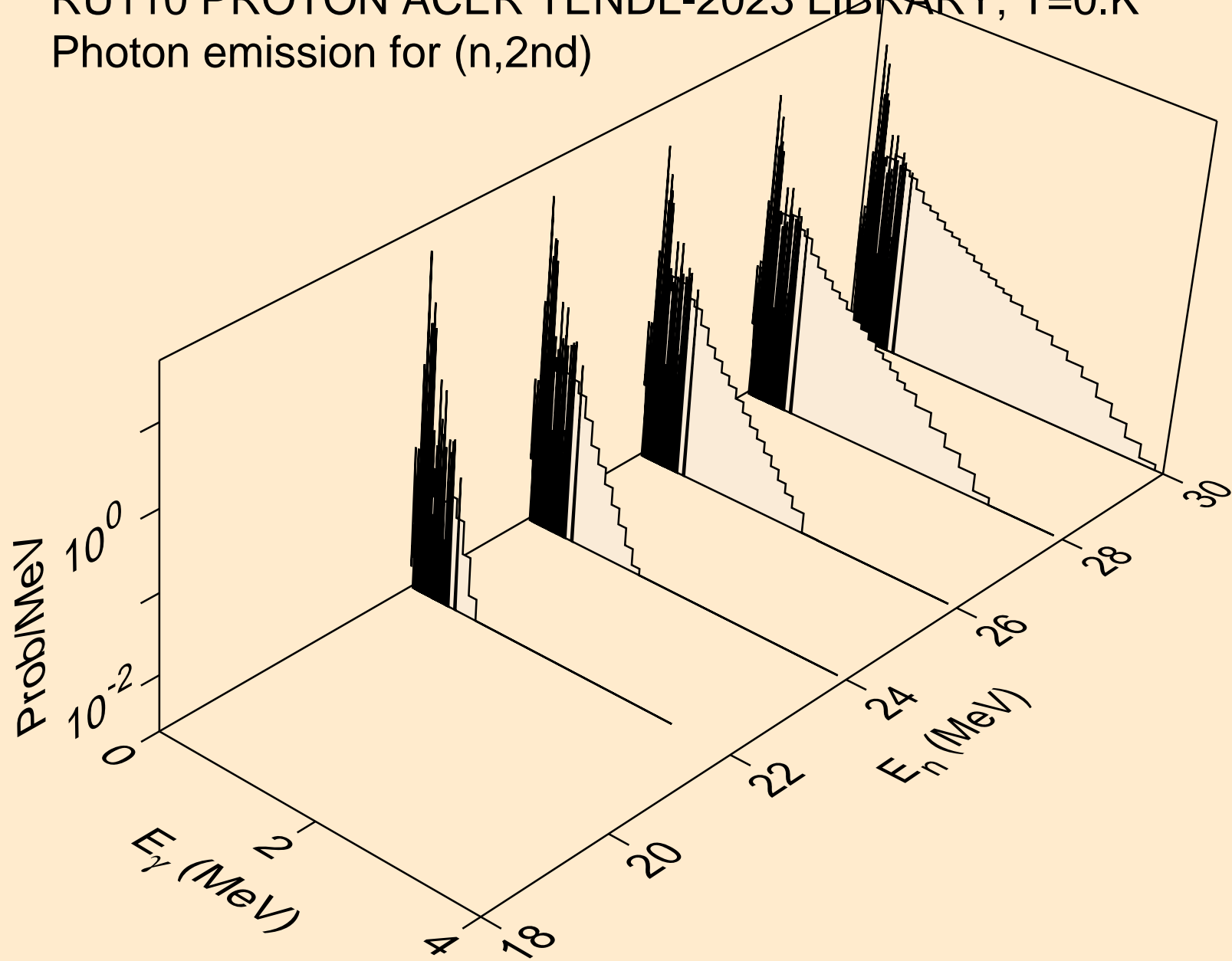
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Photon emission for (z,n)



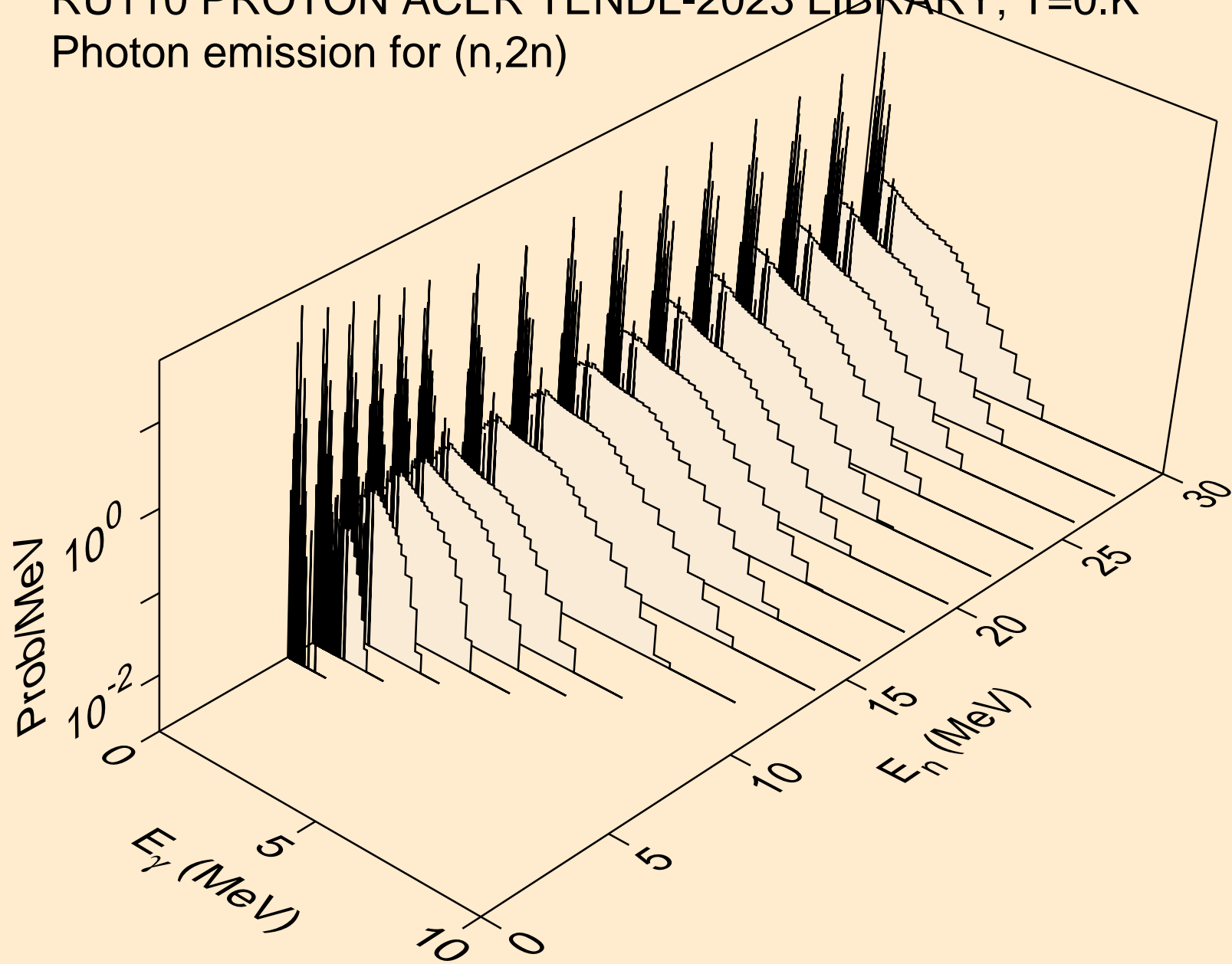
RU110 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



RU110 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)

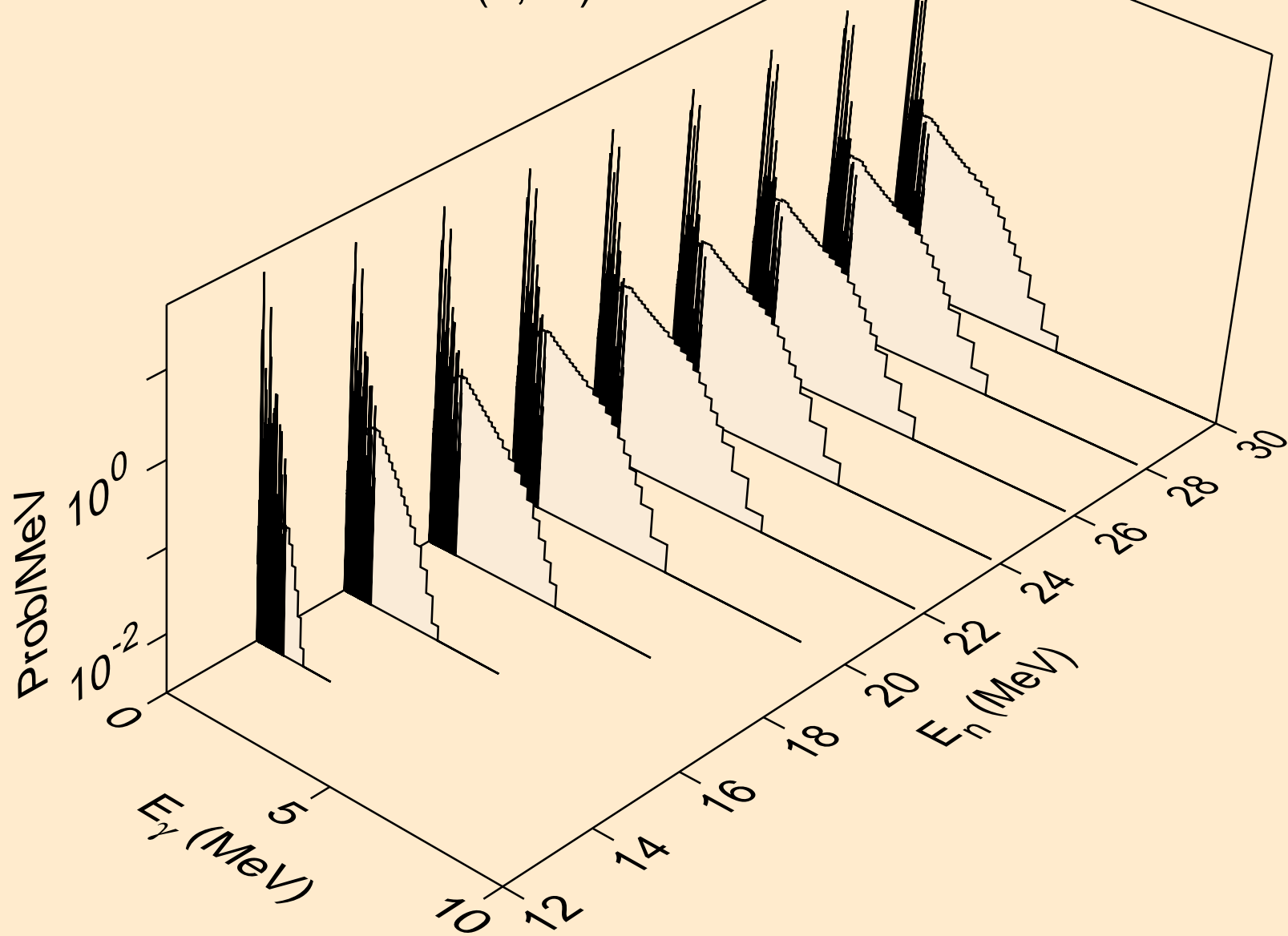


RU110 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

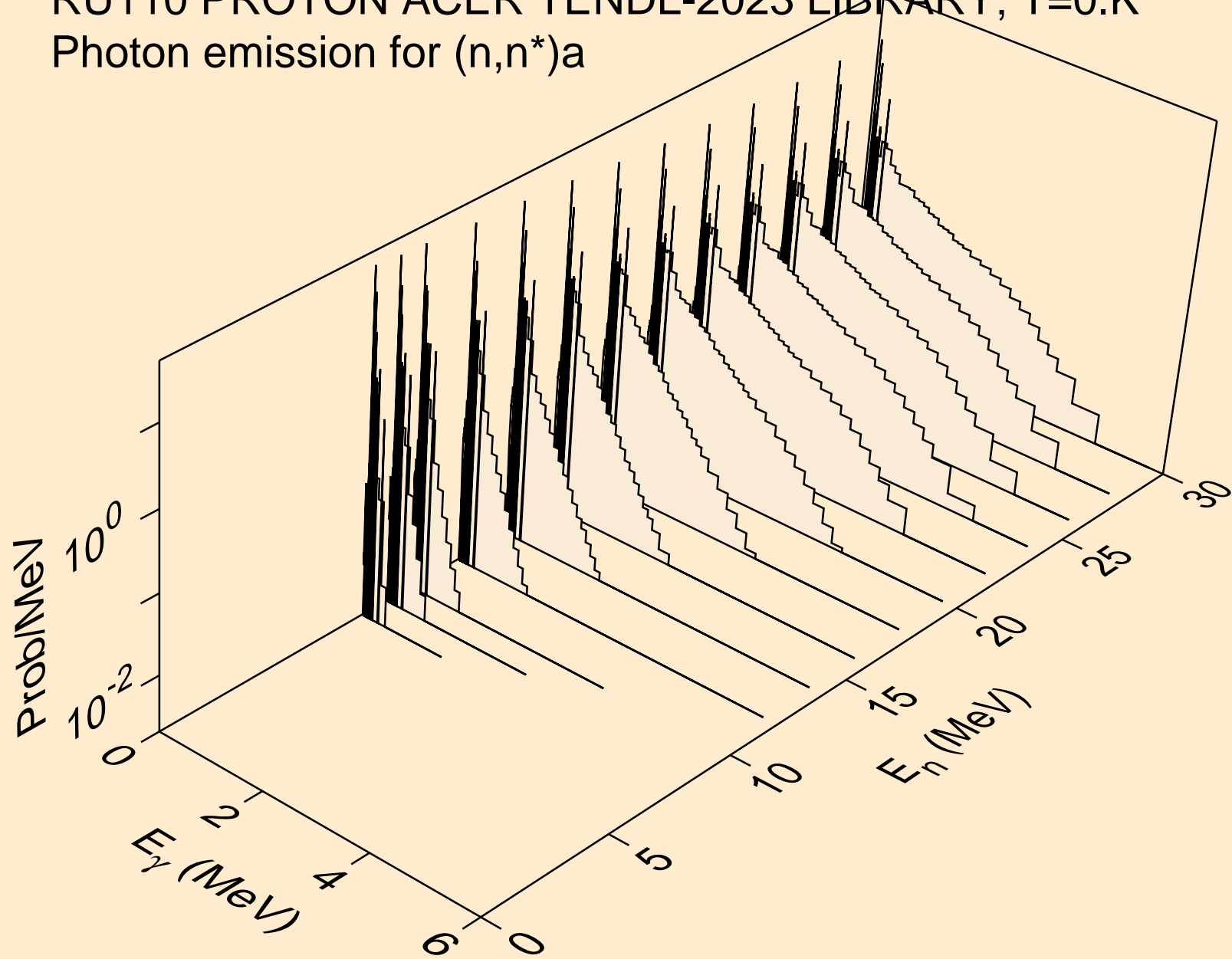




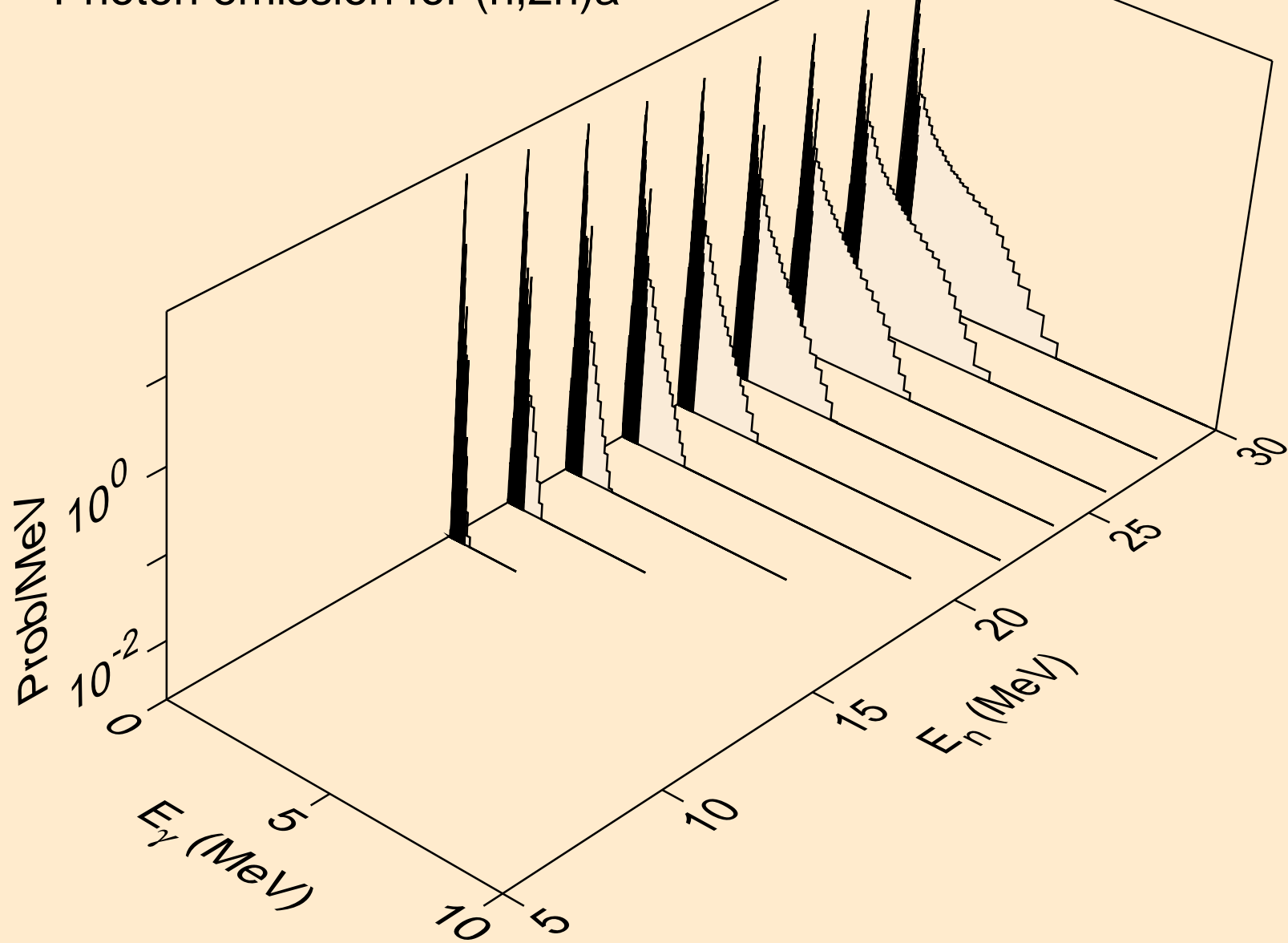
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Photon emission for (n,3n)



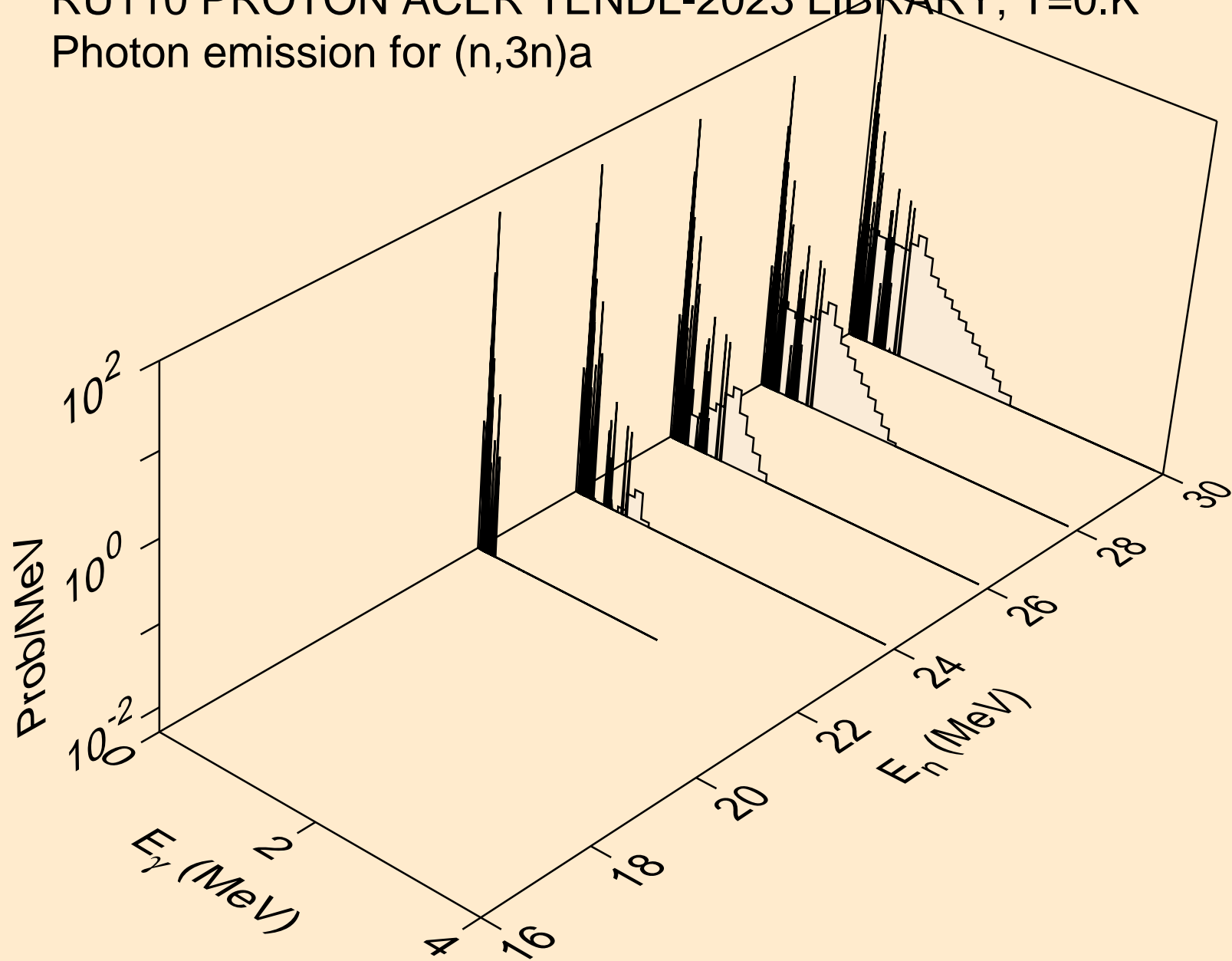
RU110 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



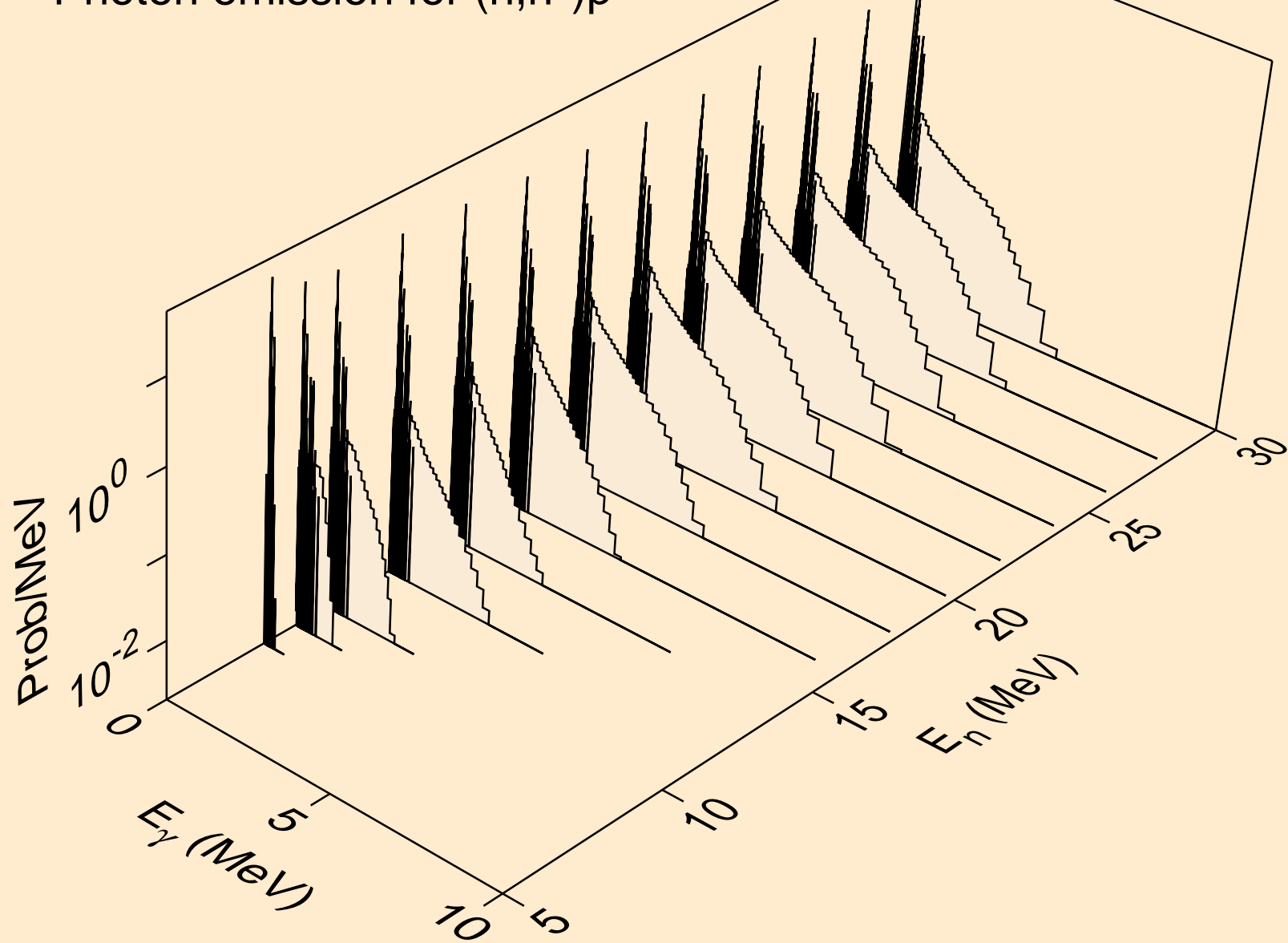
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Photon emission for (n,2n)a



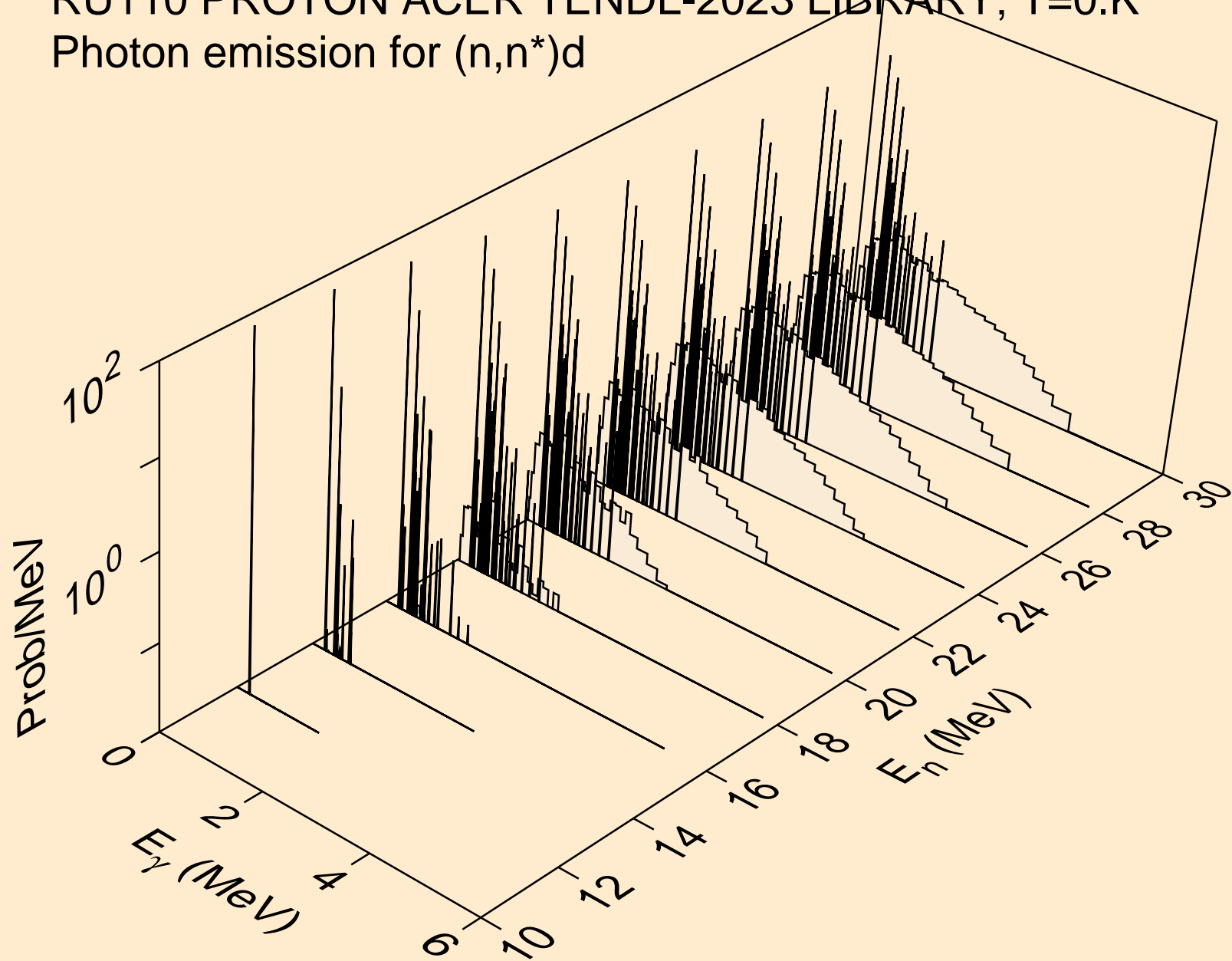
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Photon emission for (n,3n)a



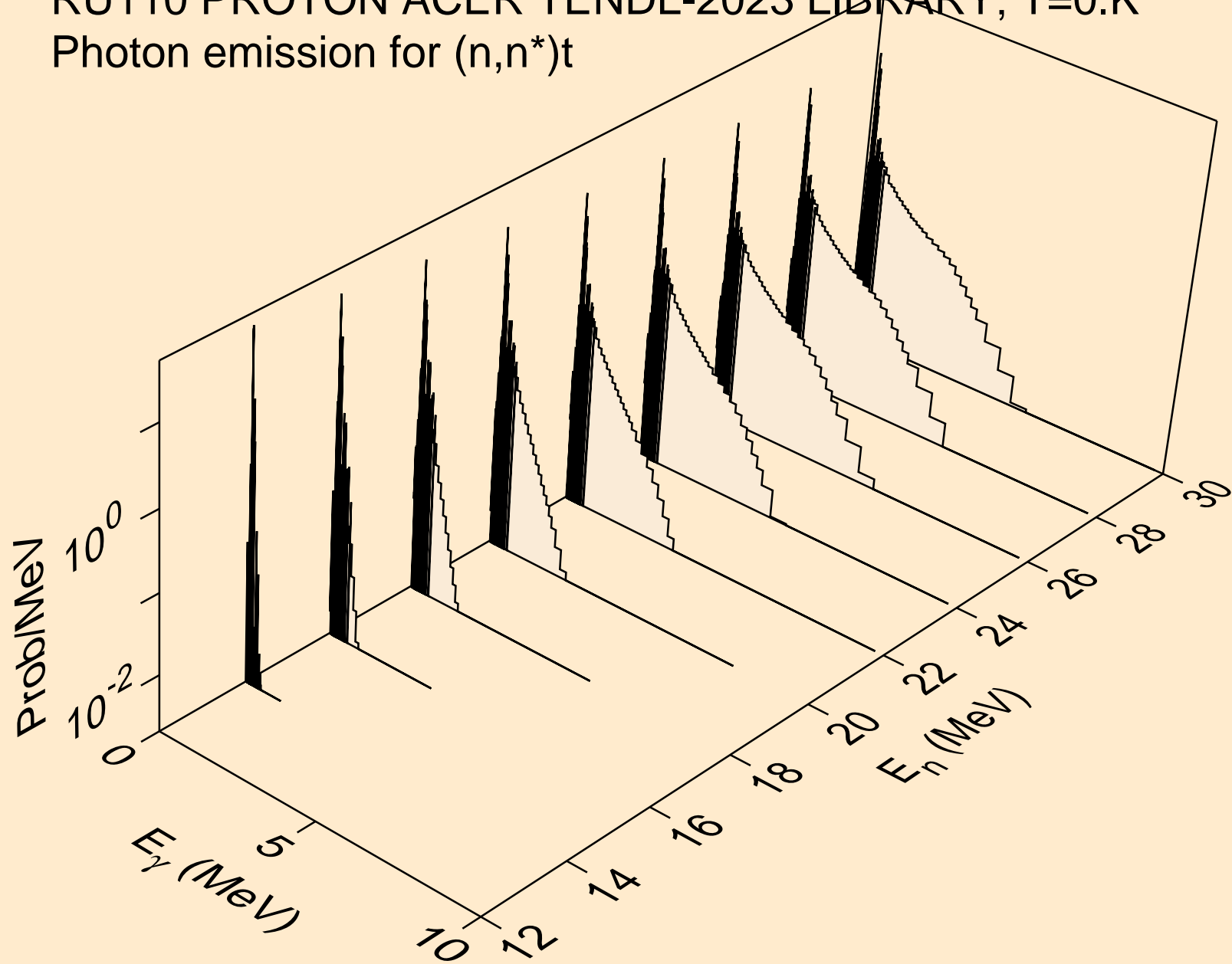
RU110 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



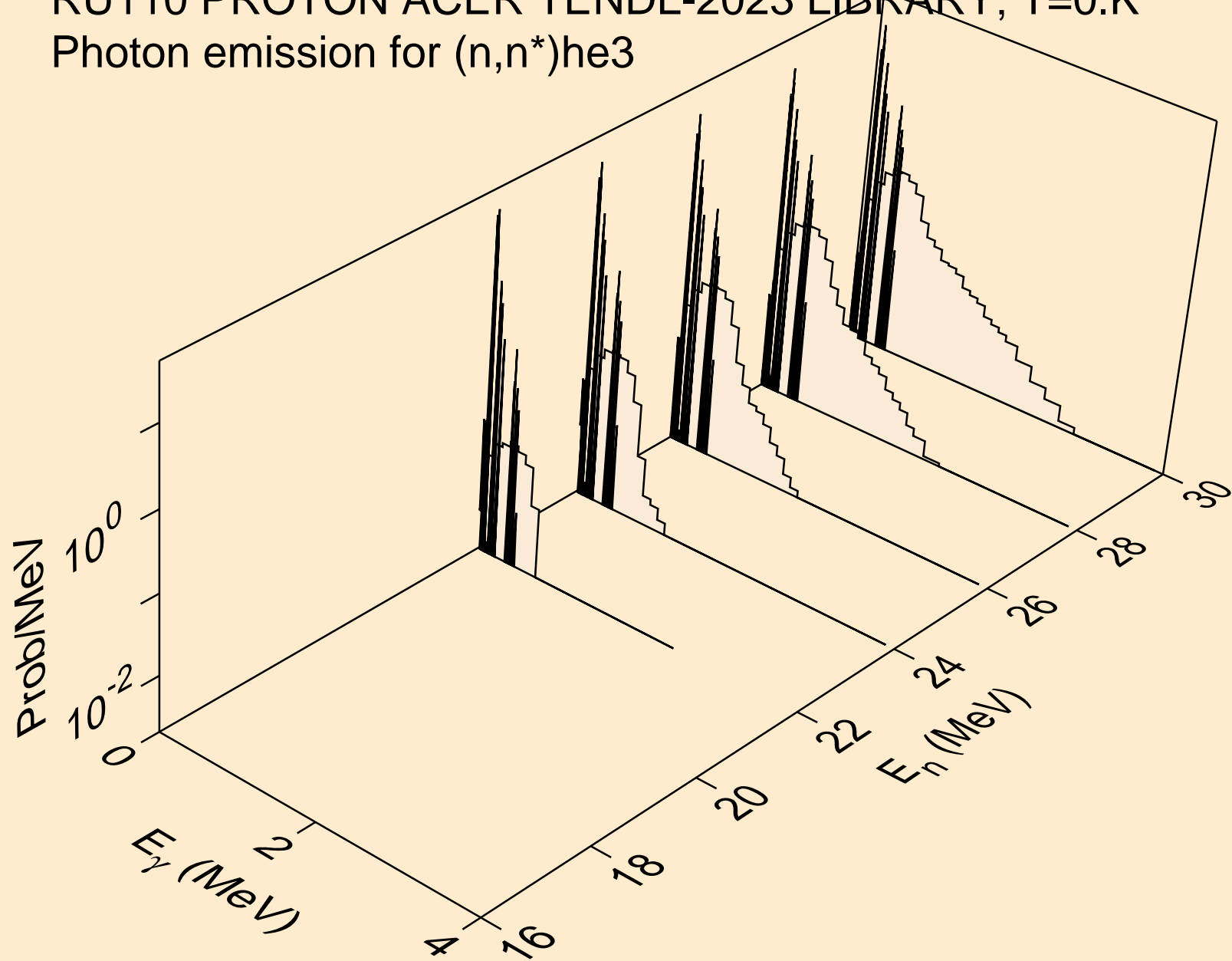
RU110 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



RU110 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

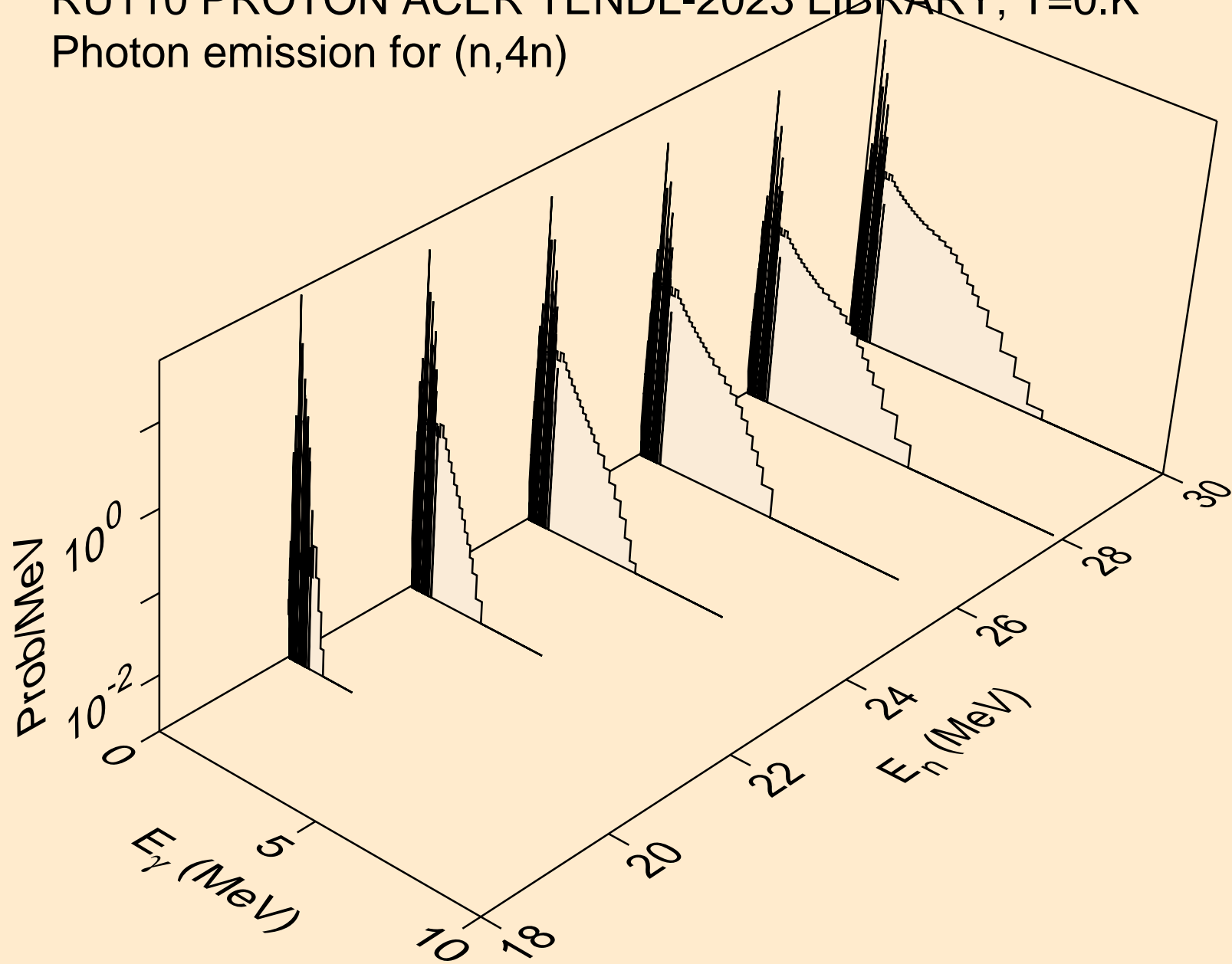


RU110 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

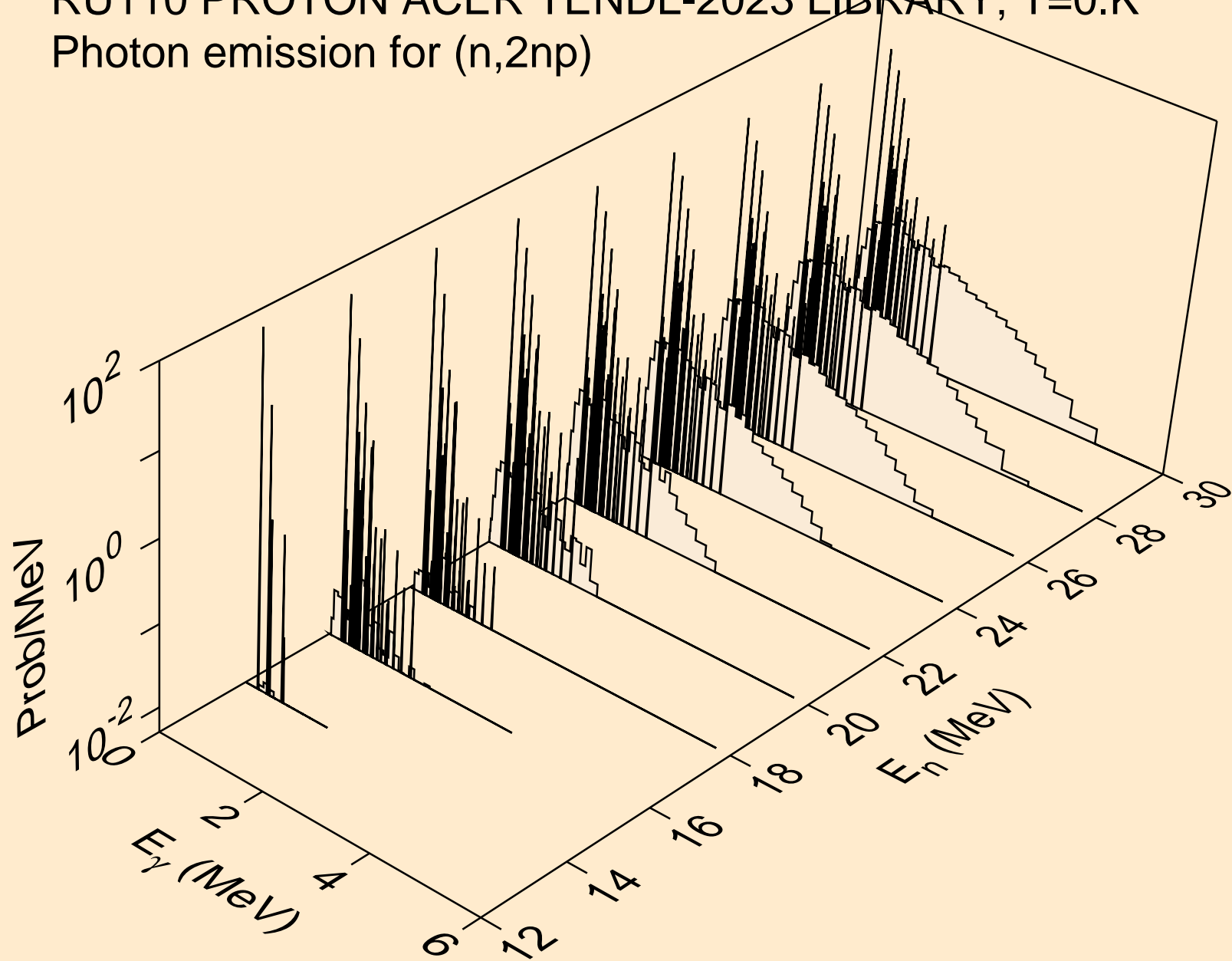




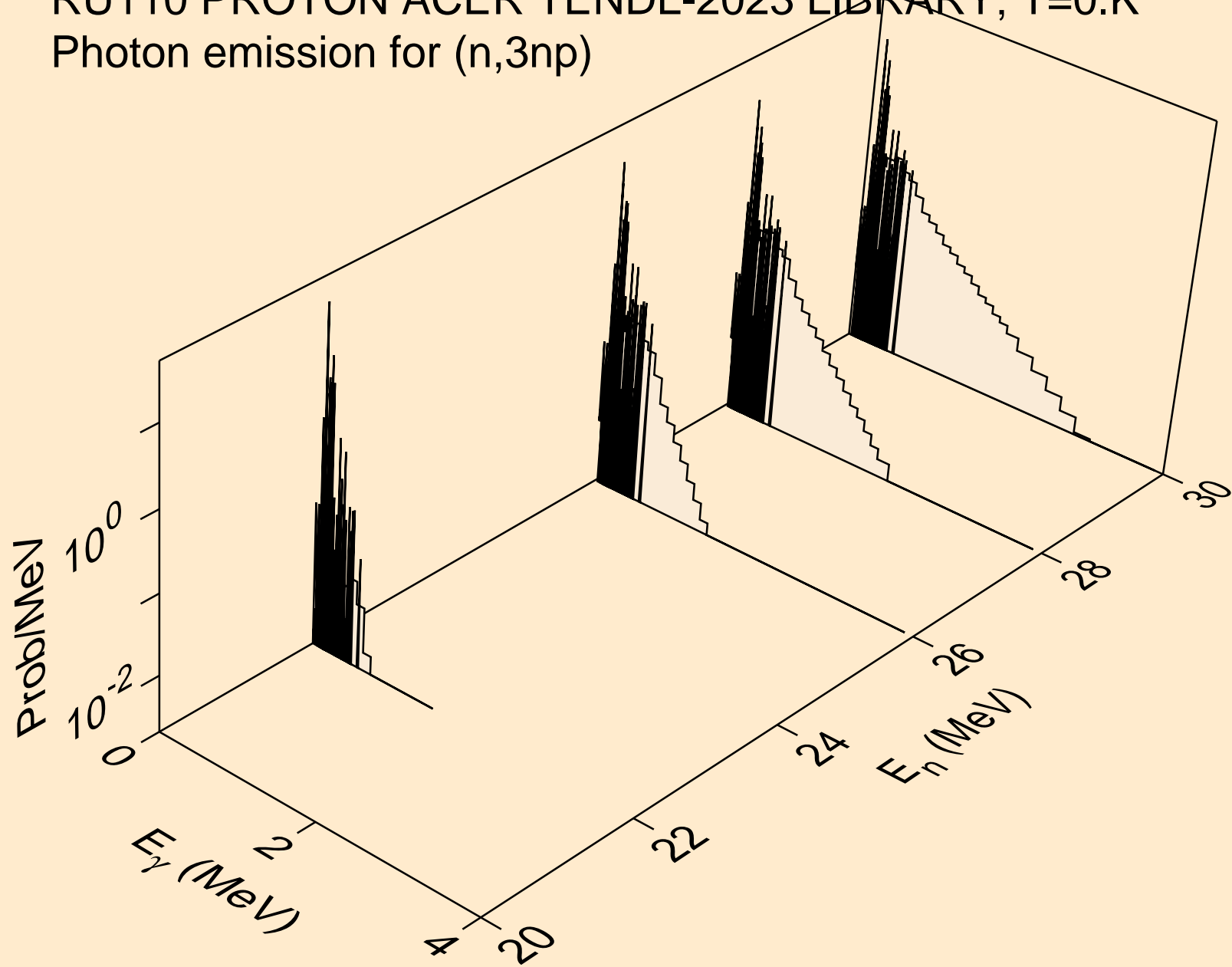
RU110 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



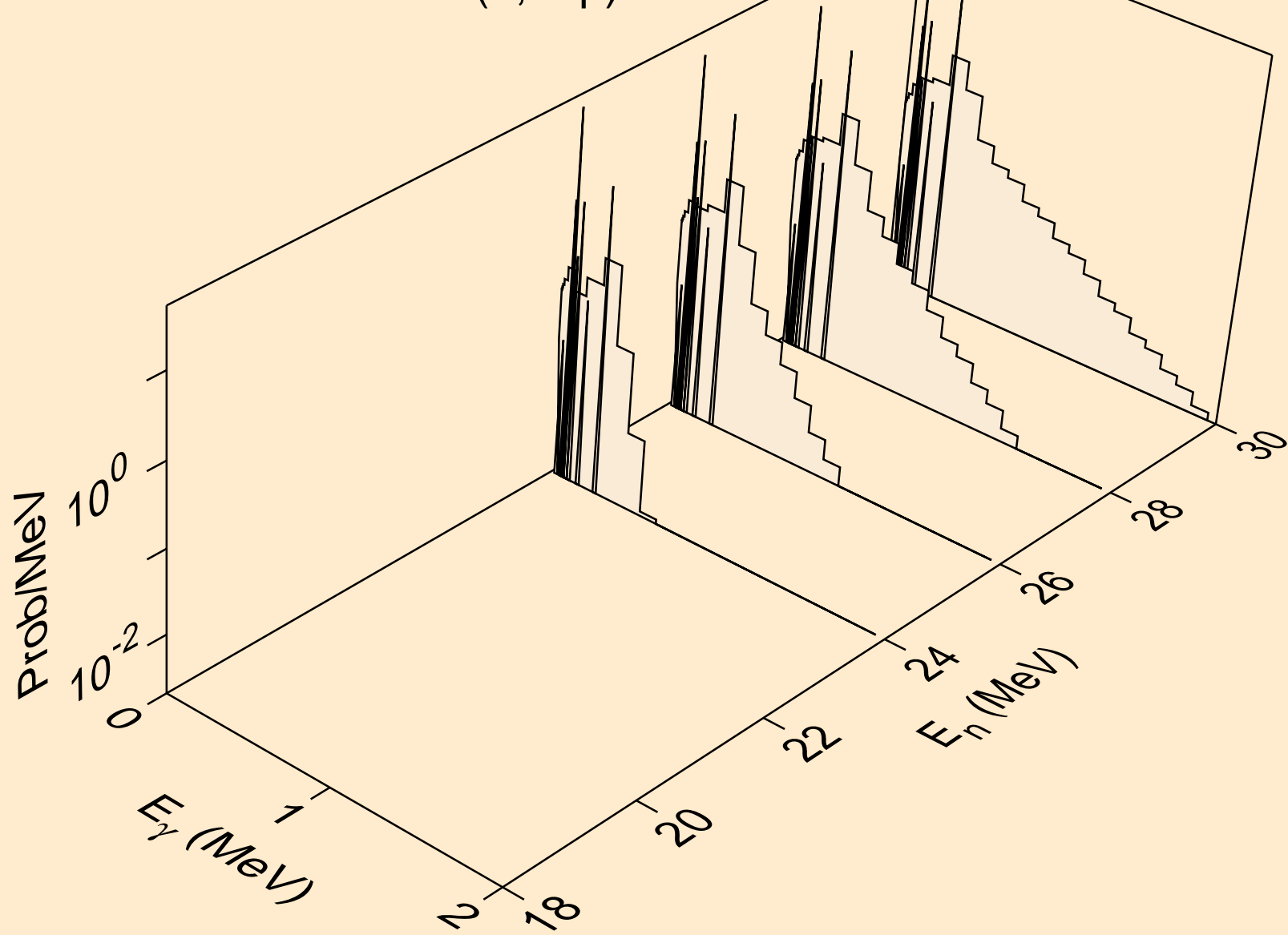
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Photon emission for (n,2np)



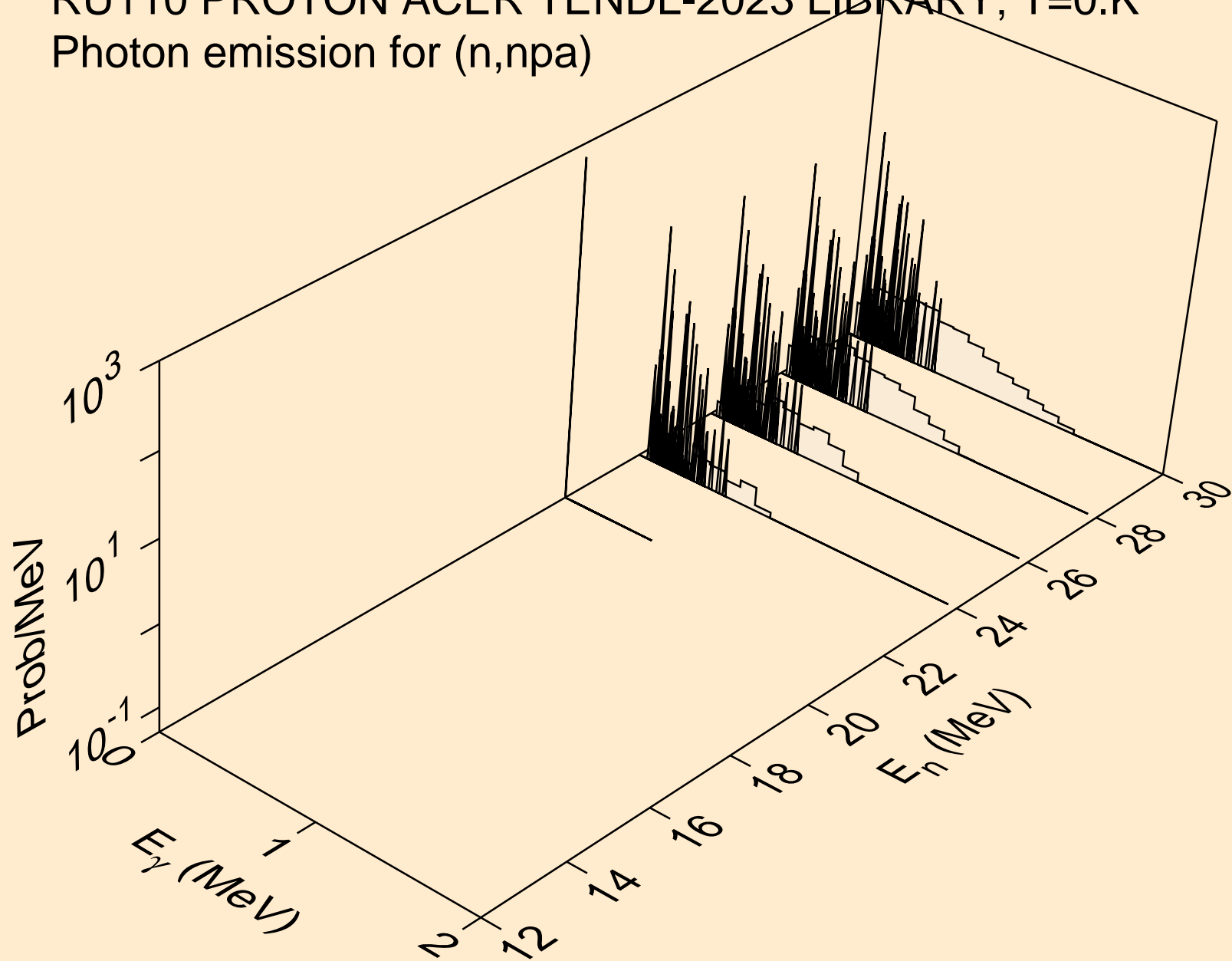
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Photon emission for (n,3np)



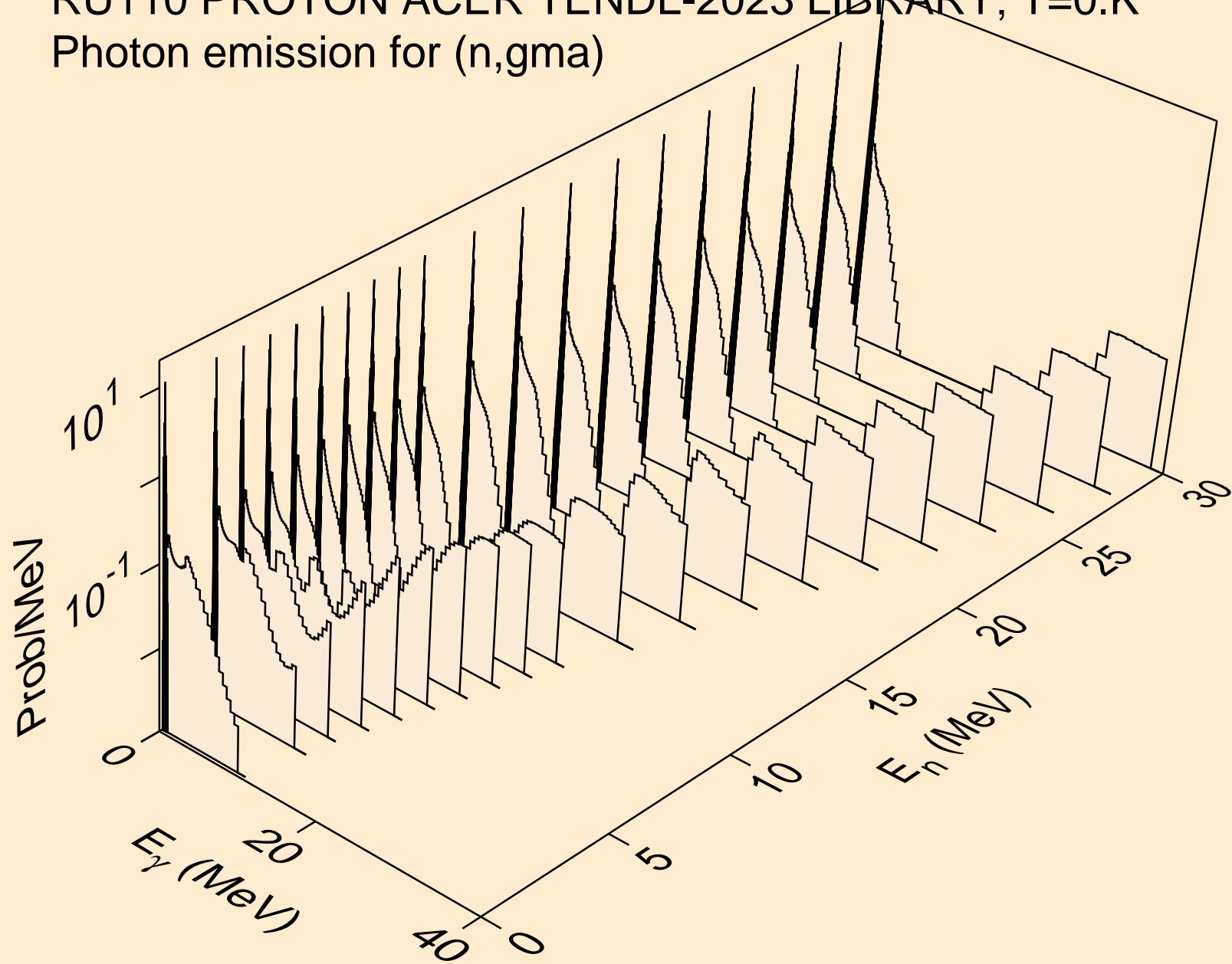
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Photon emission for (n,n2p)



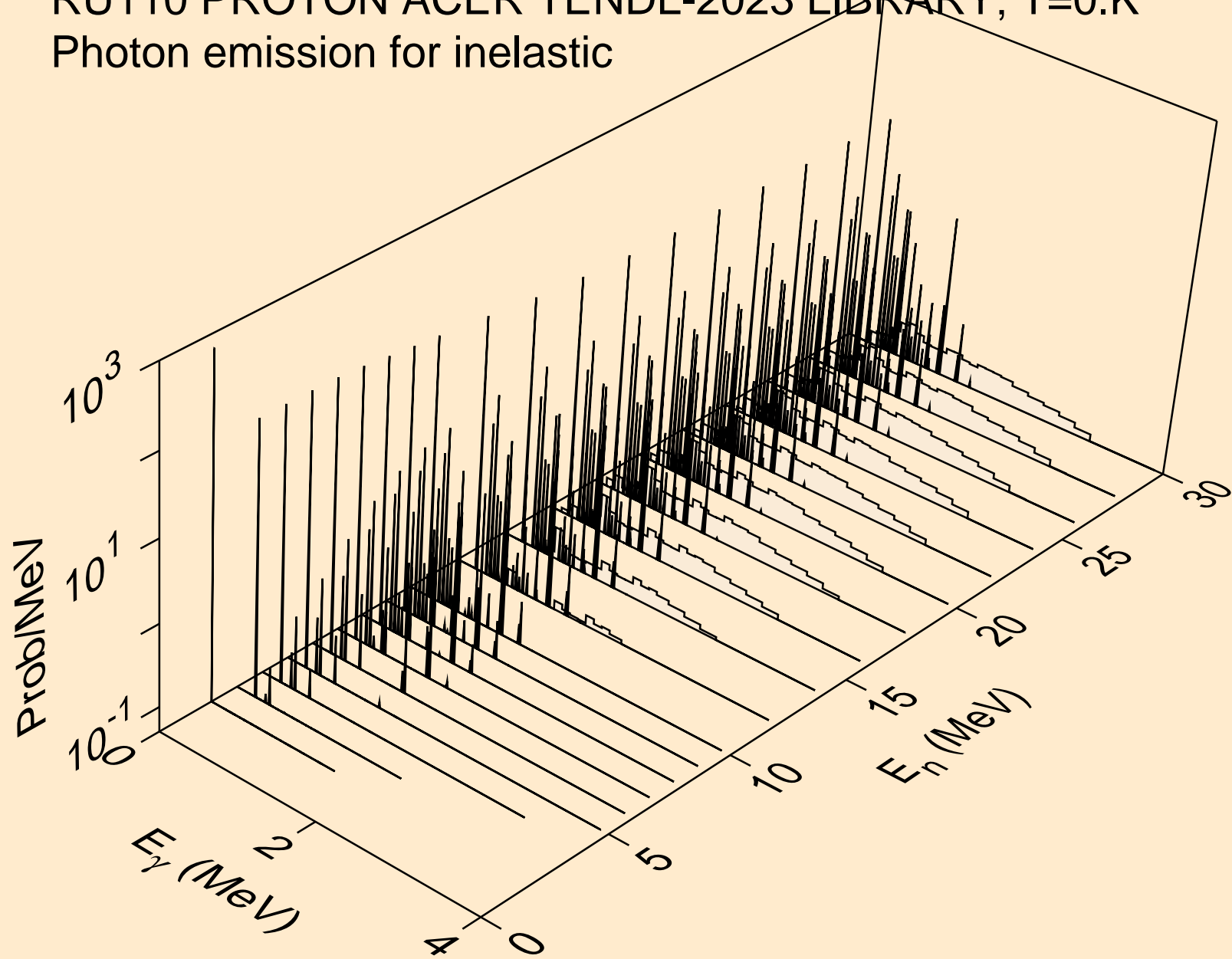
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Photon emission for (n,npa)



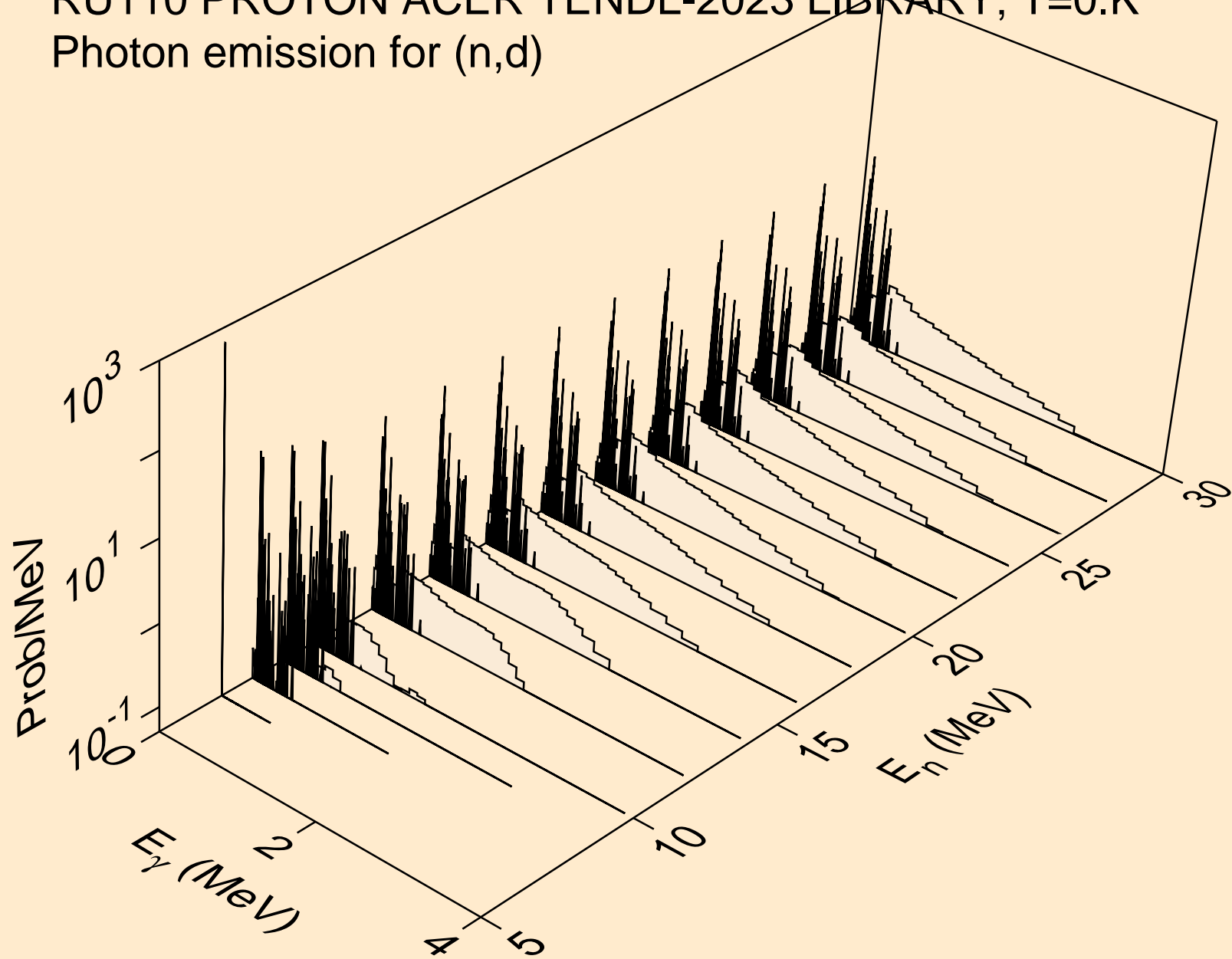
RU110 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



RU110 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

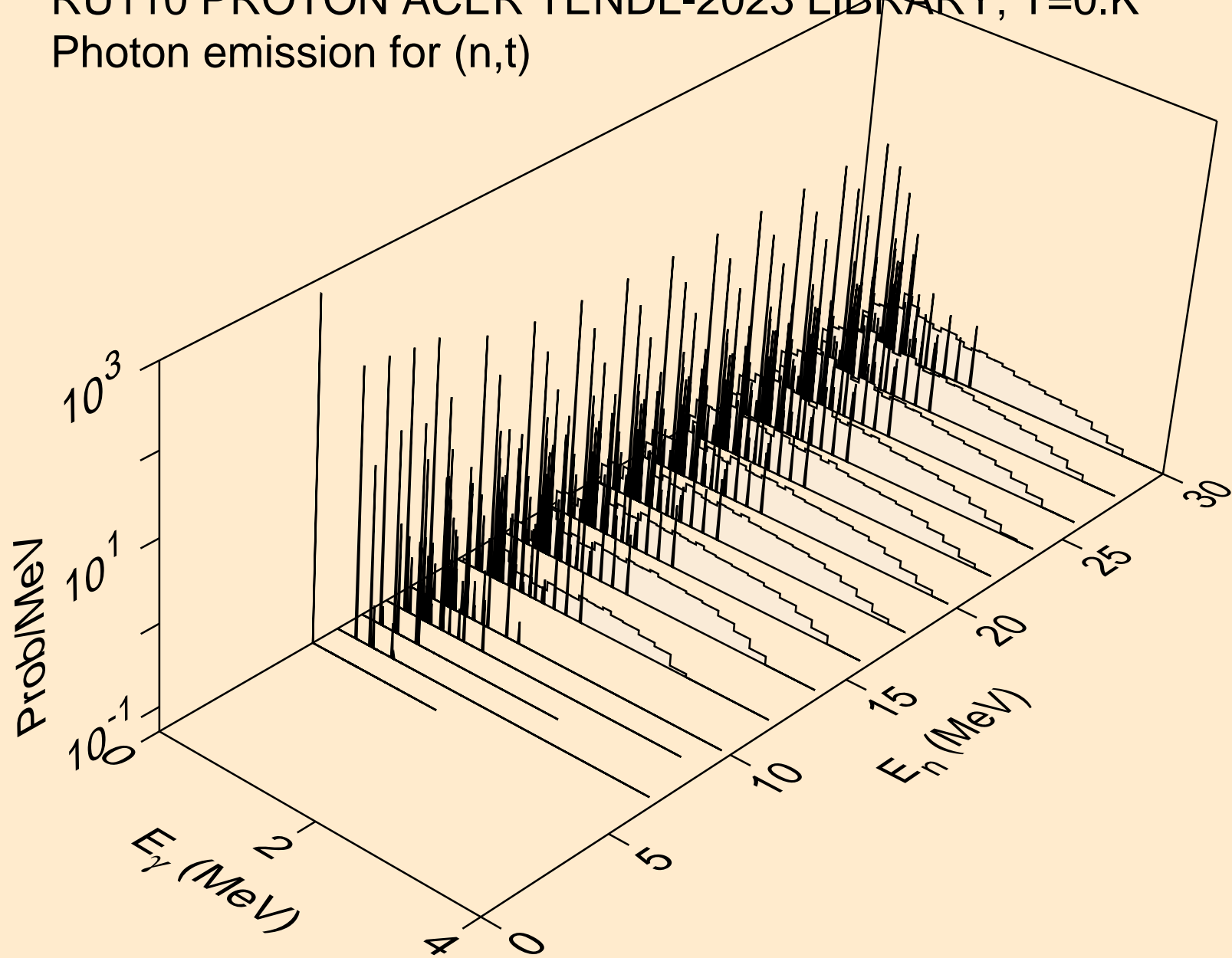


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Photon emission for (n,d)

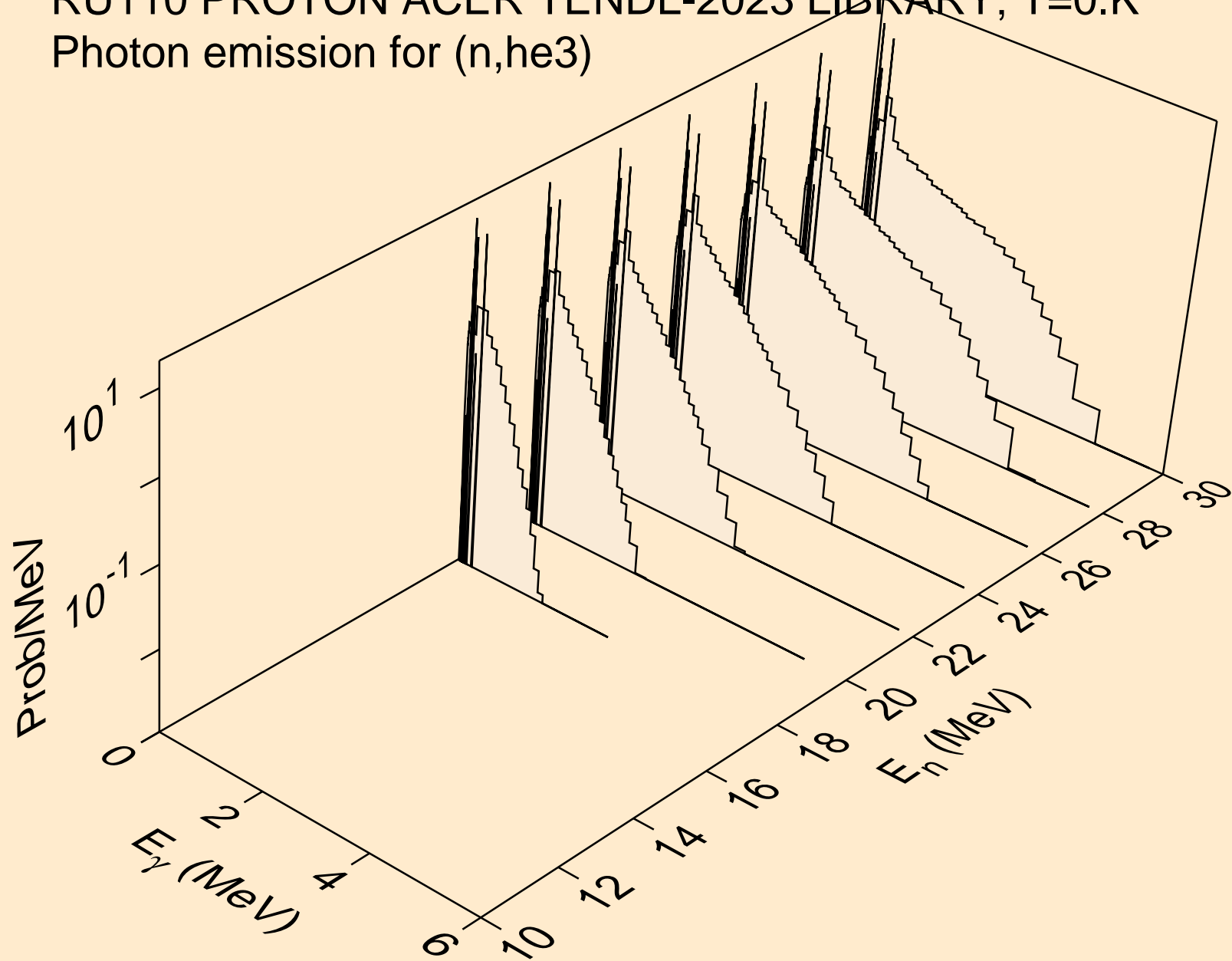




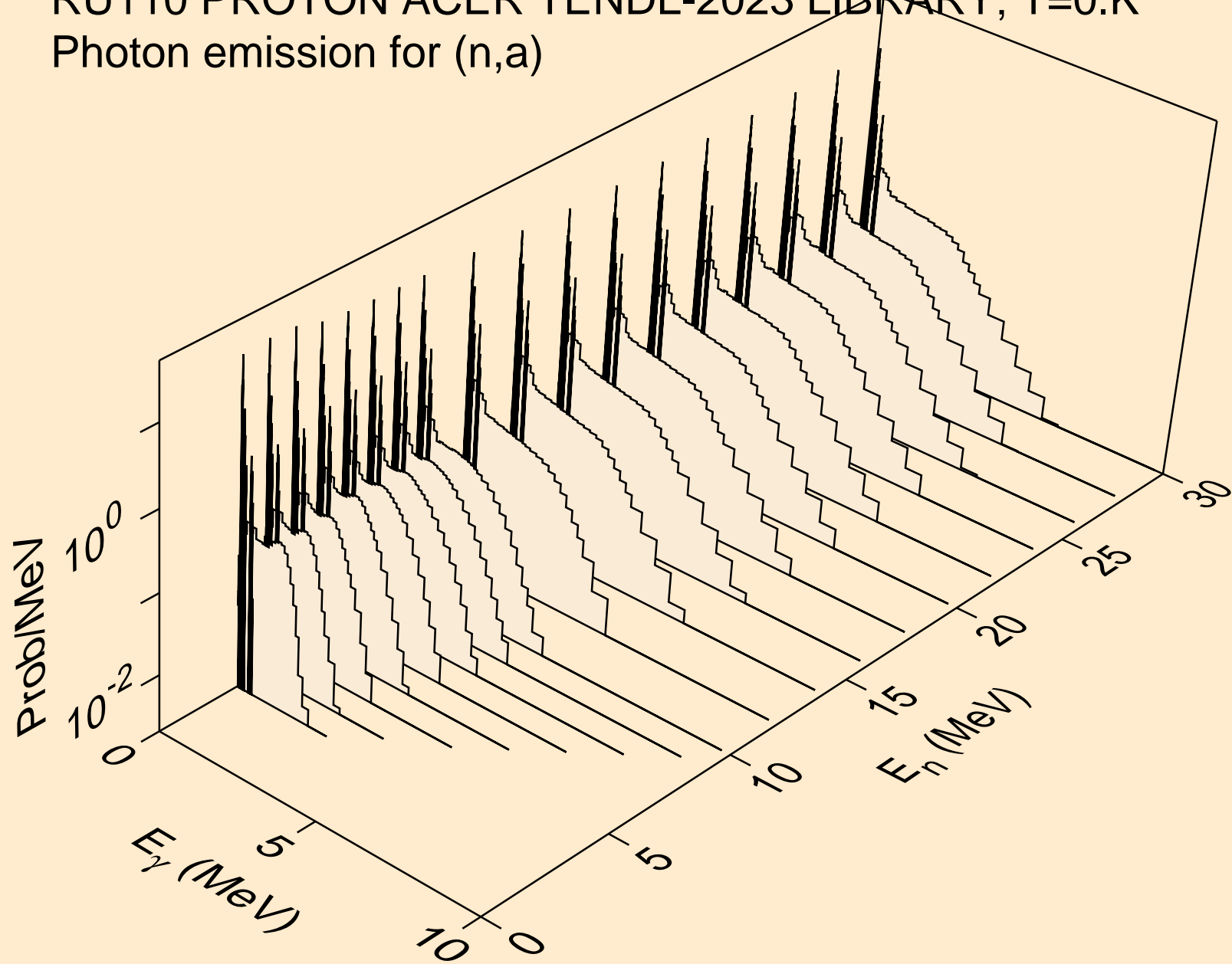
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Photon emission for (n,t)



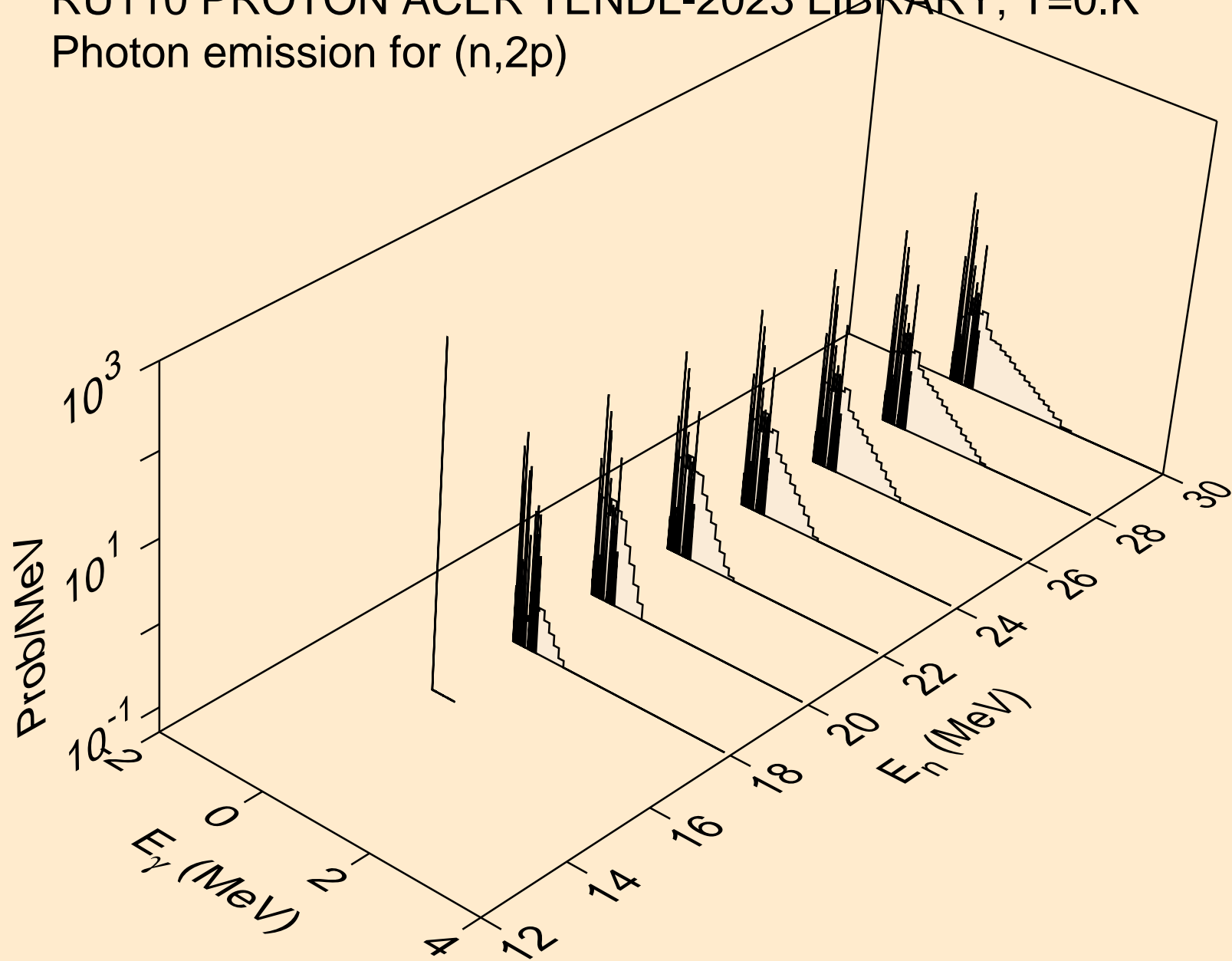
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Photon emission for (n,he3)



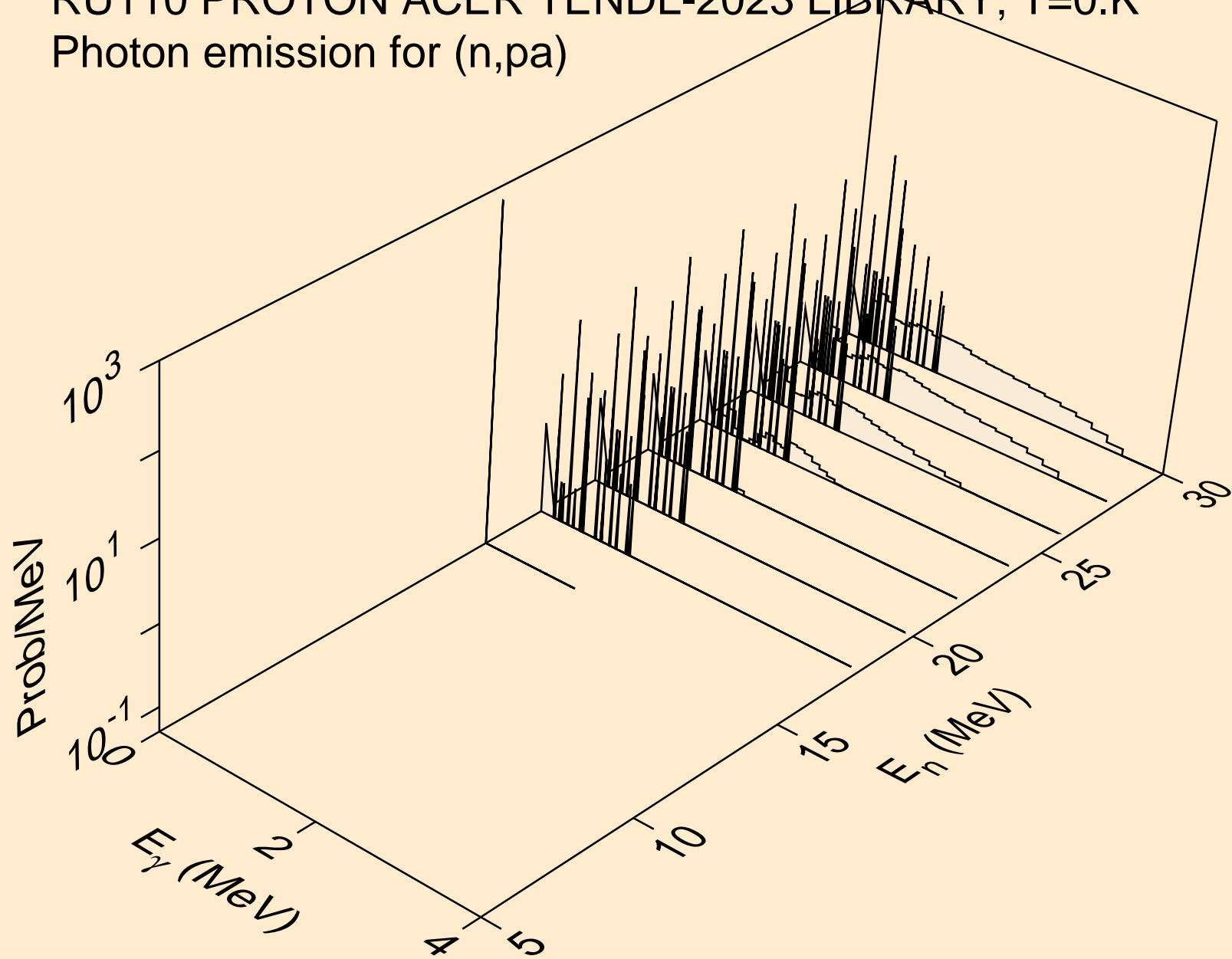
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Photon emission for (n,a)



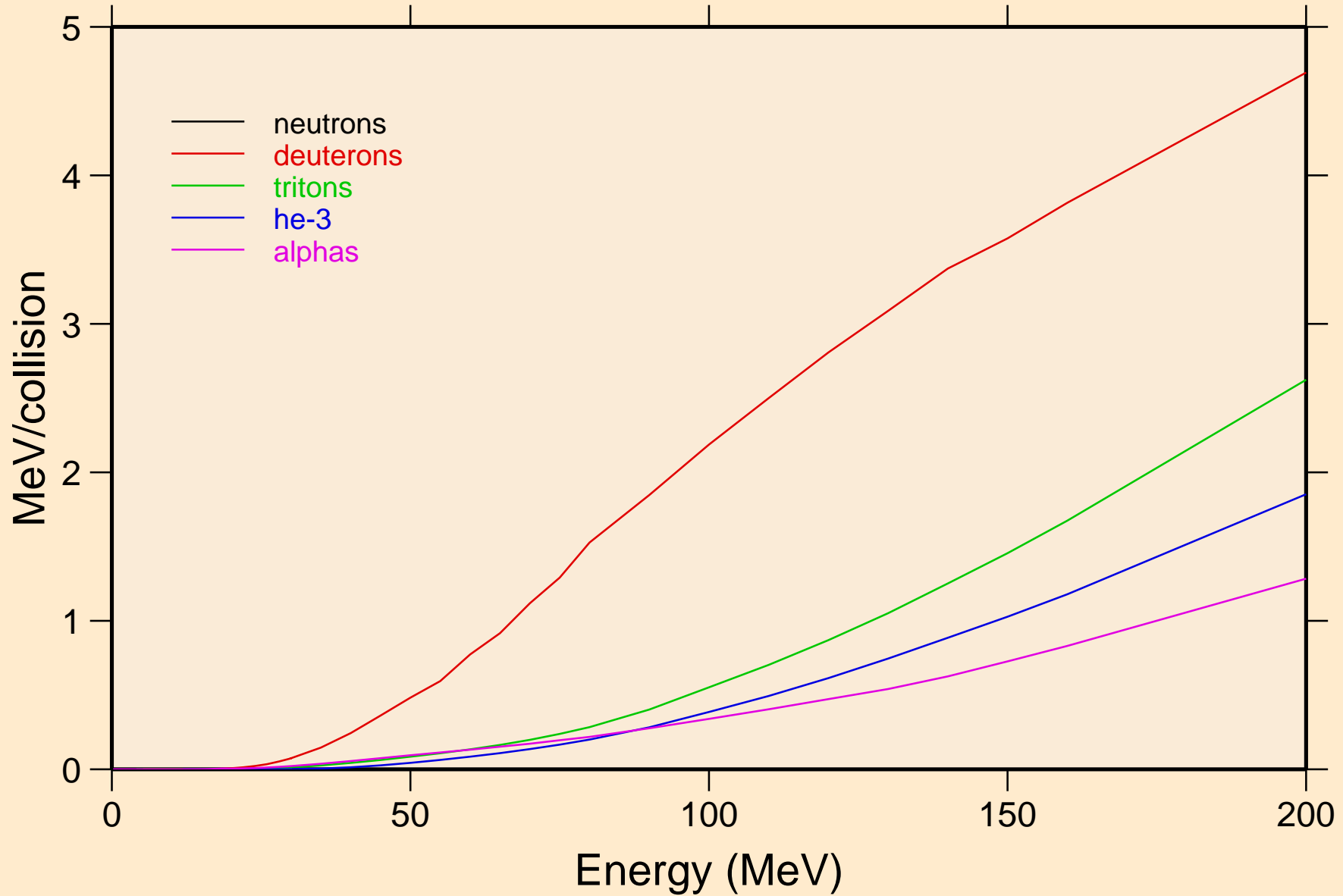
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Photon emission for (n,2p)



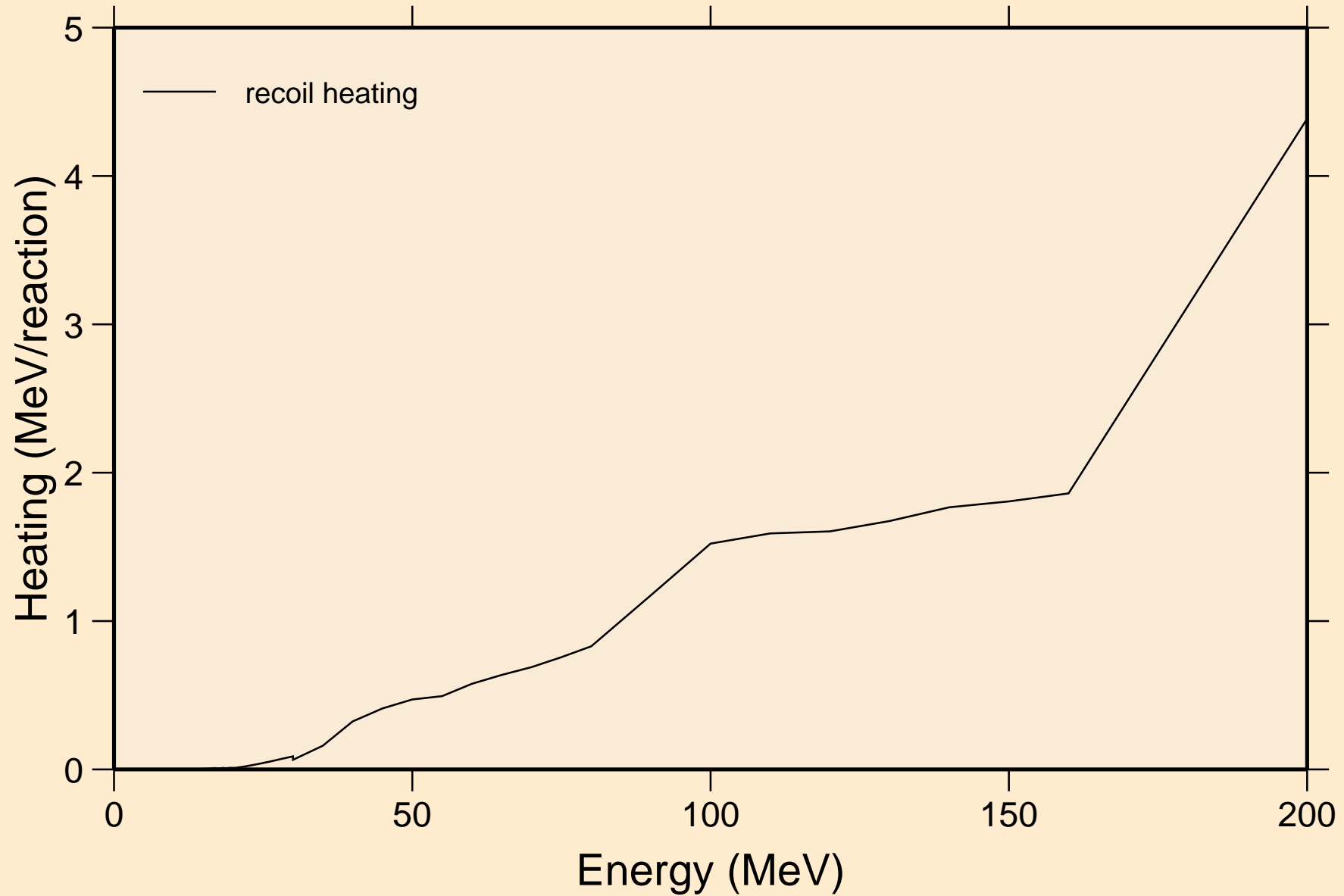
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Photon emission for (n,pa)



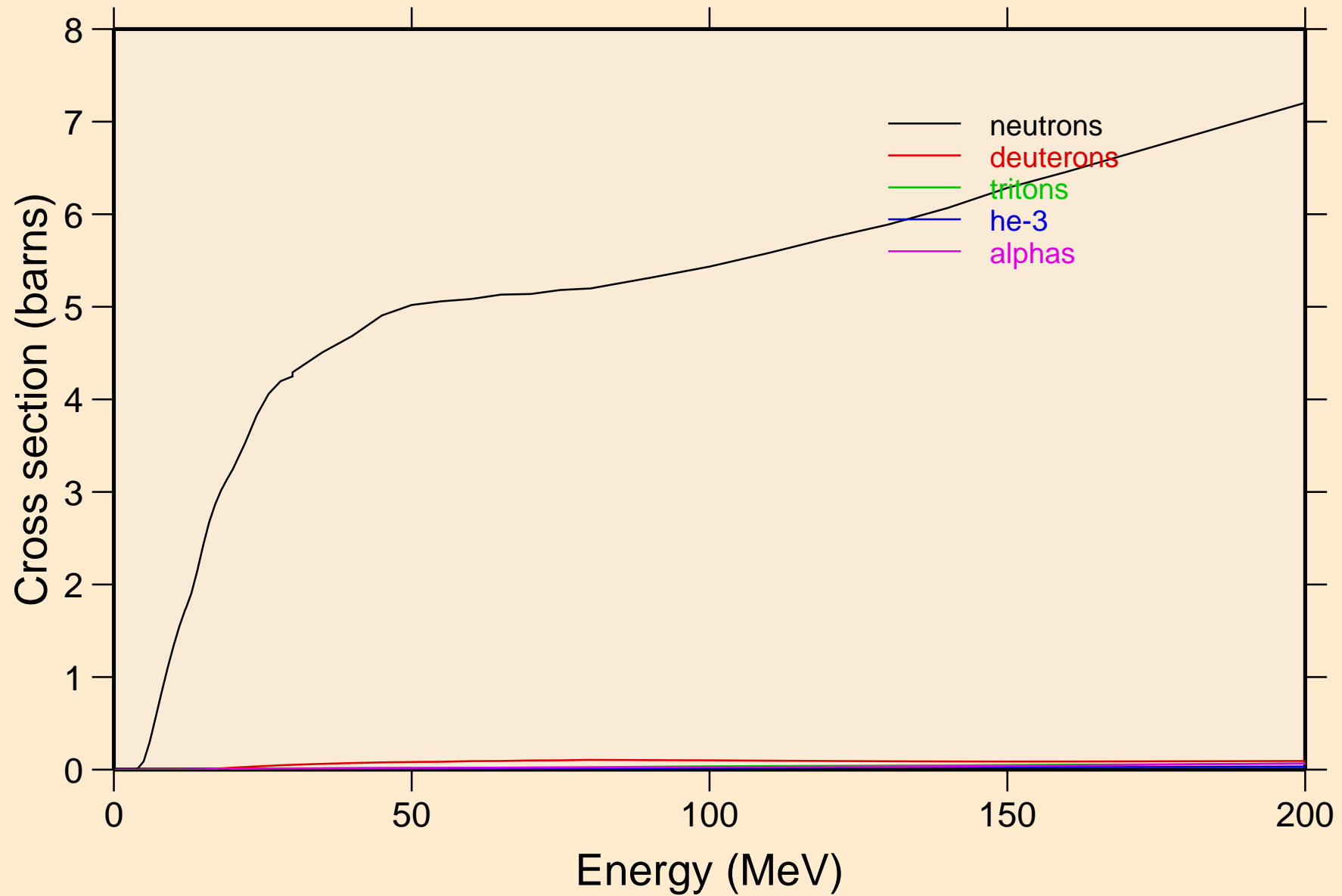
RU110 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



RU110 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

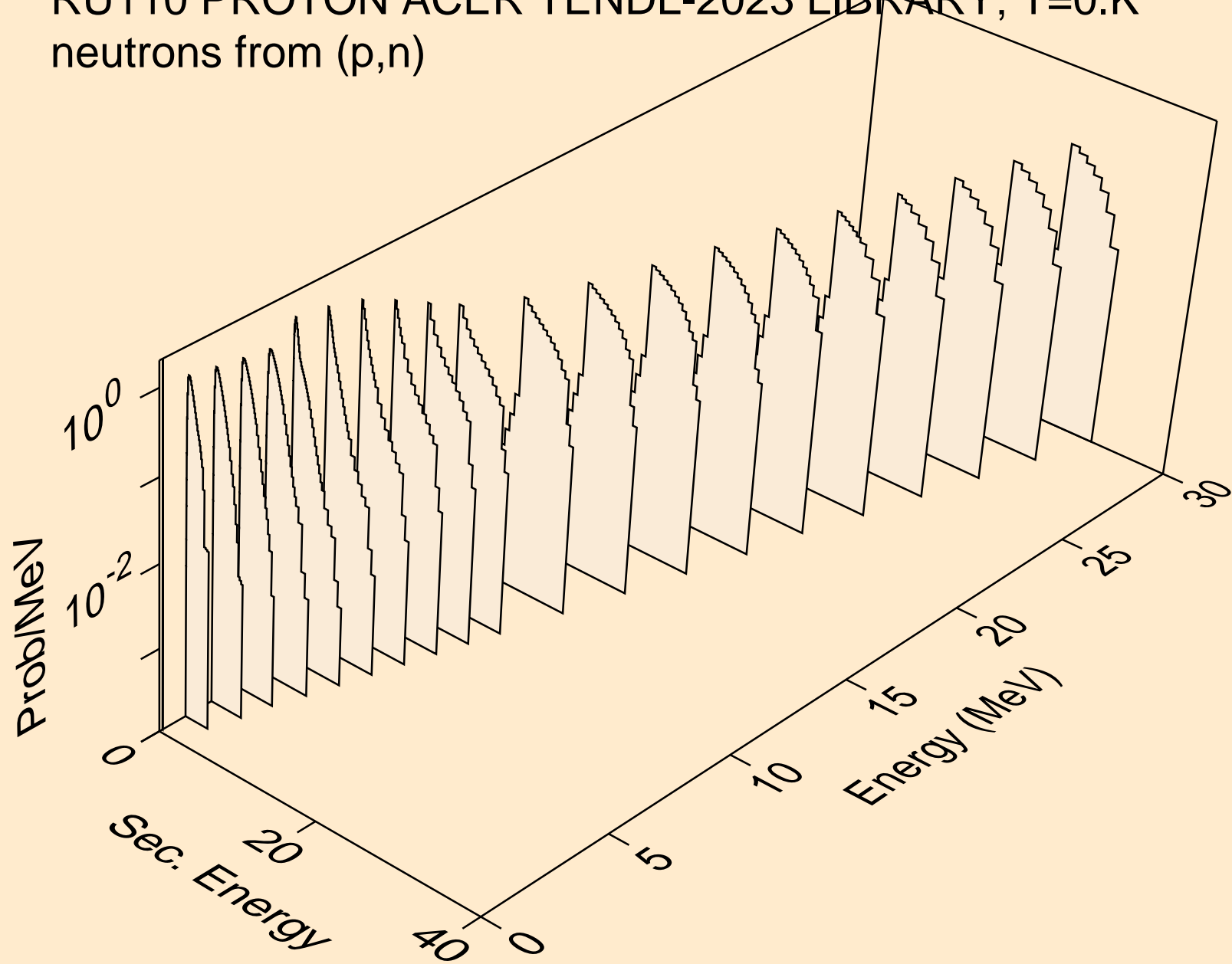


RU110 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections

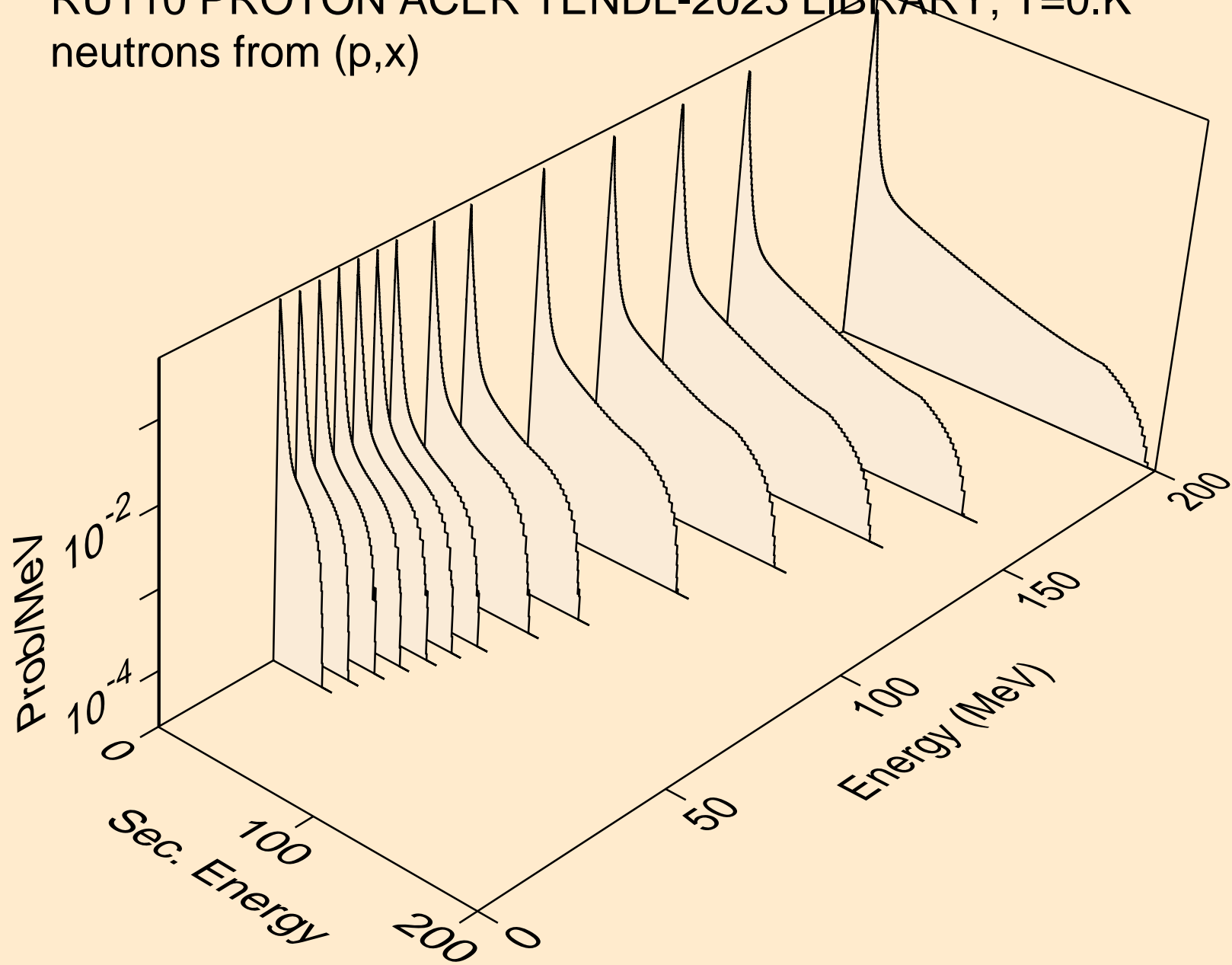




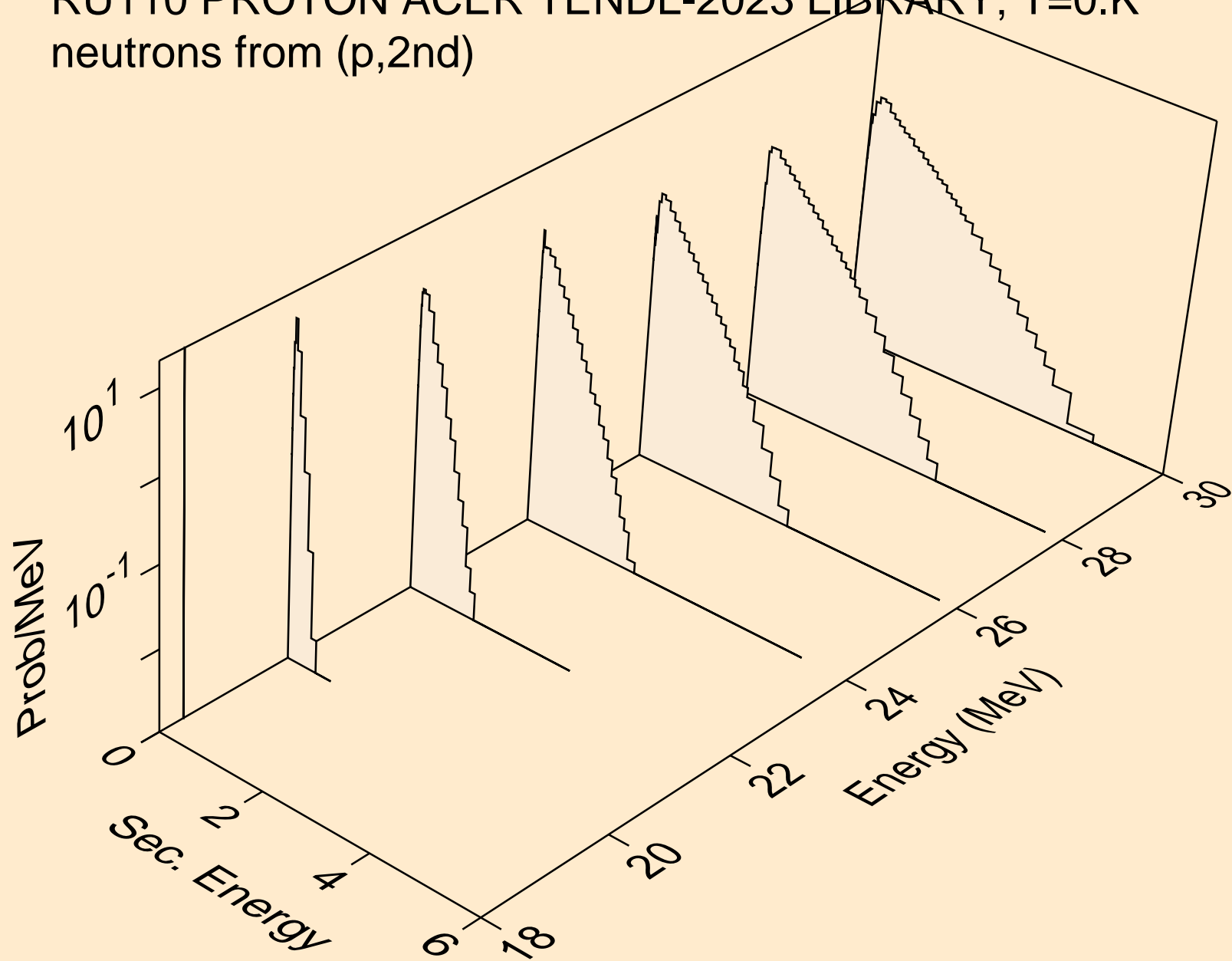
RU110 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)



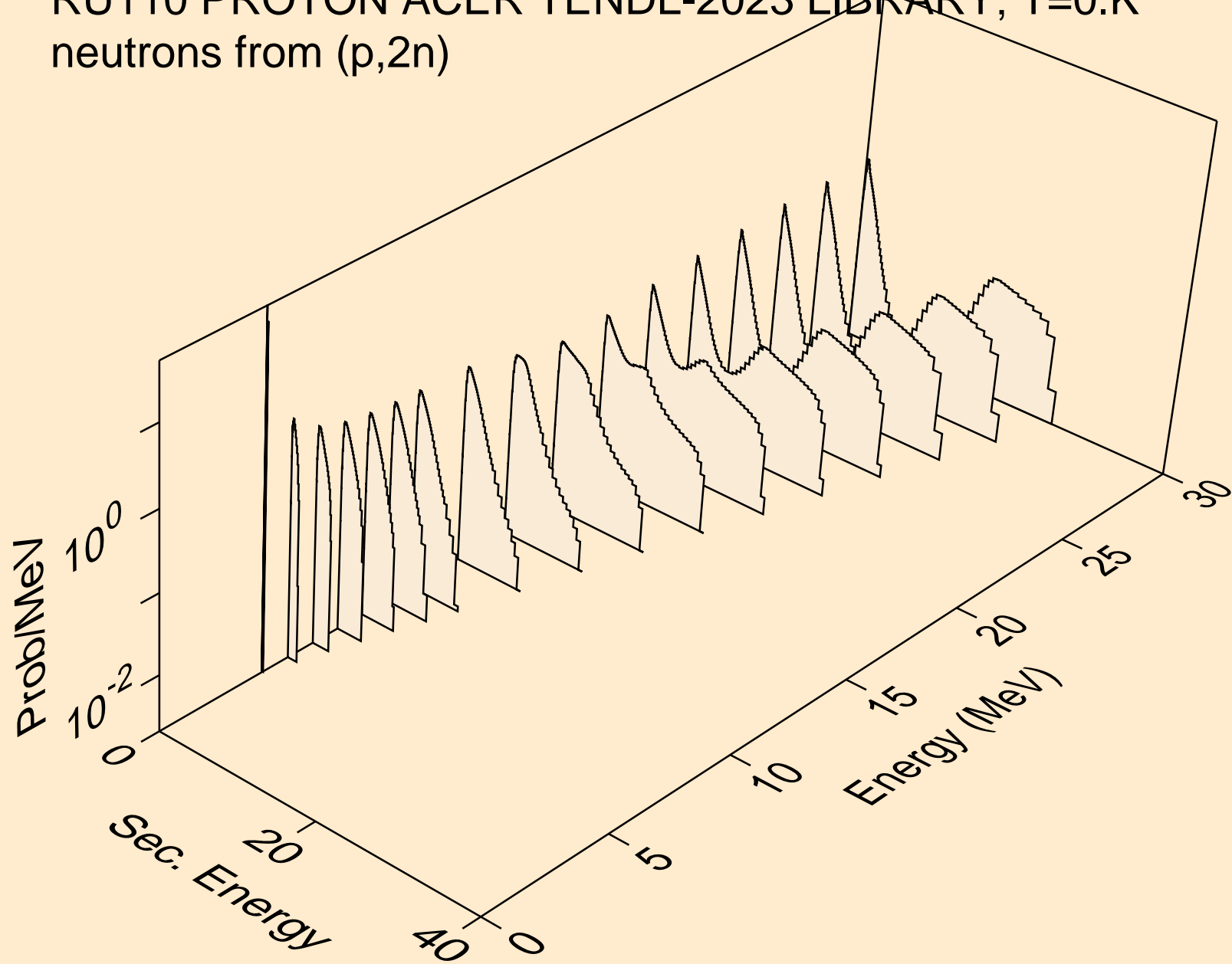
RU110 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)



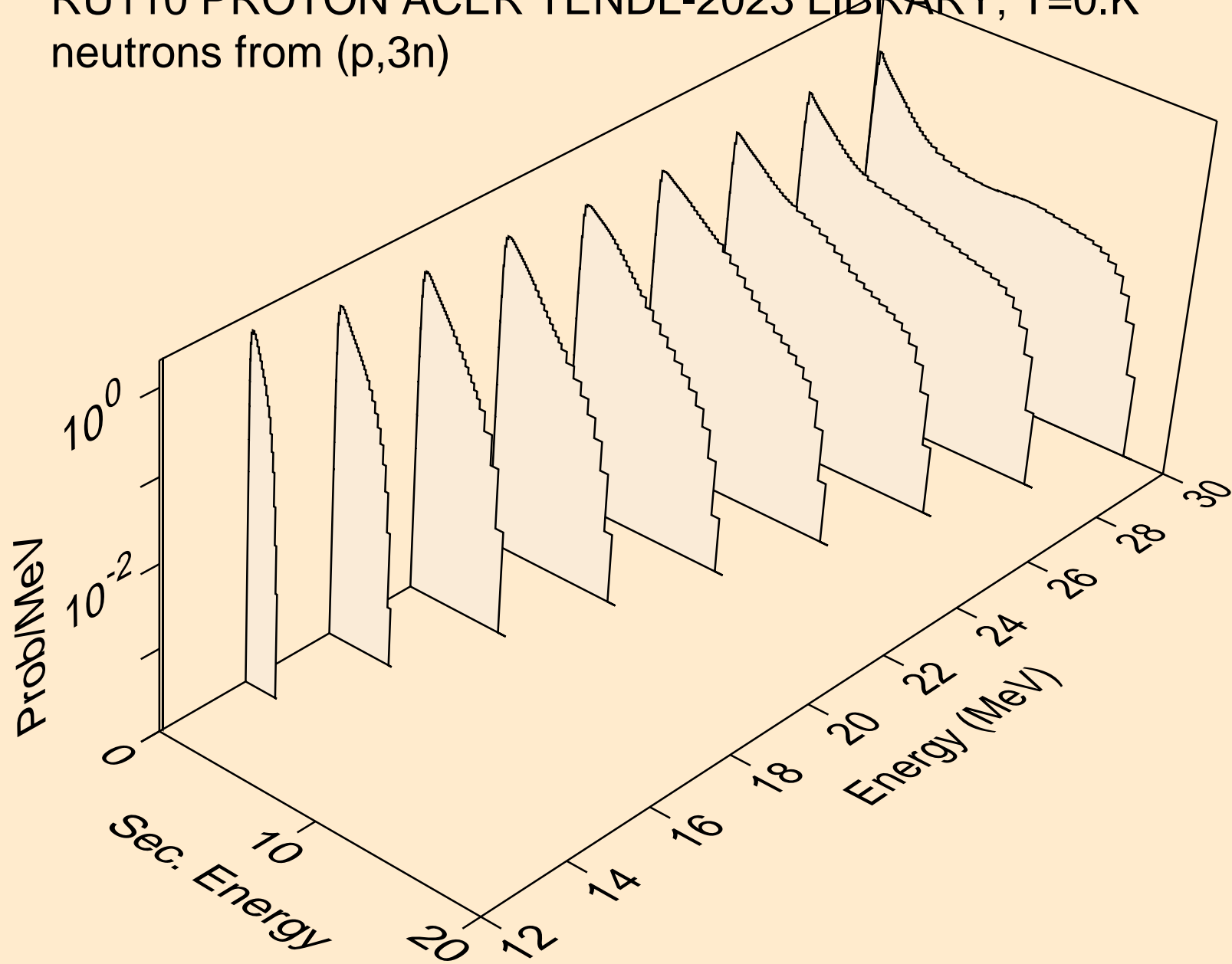
RU110 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2nd)



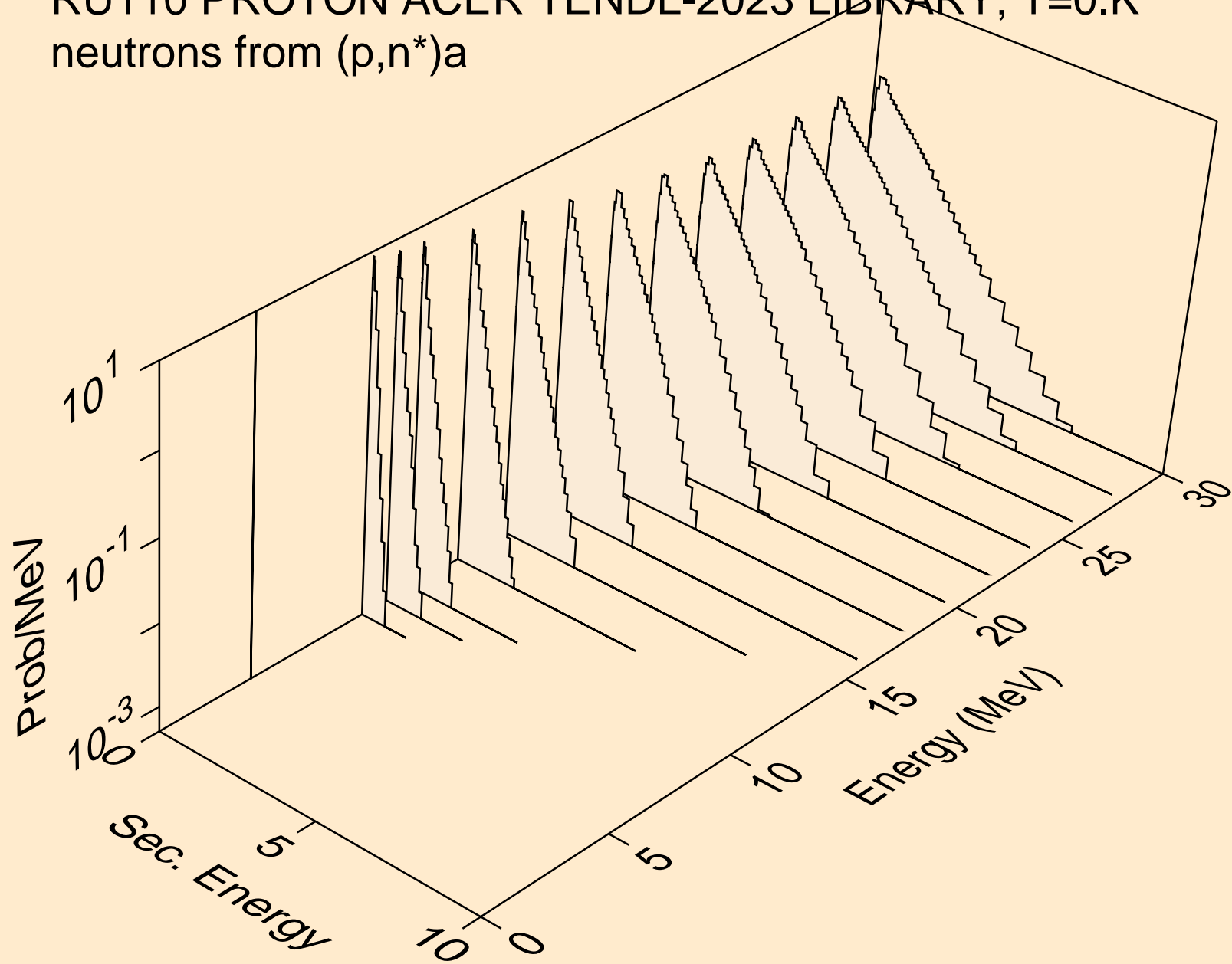
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neutrons from (p,2n)



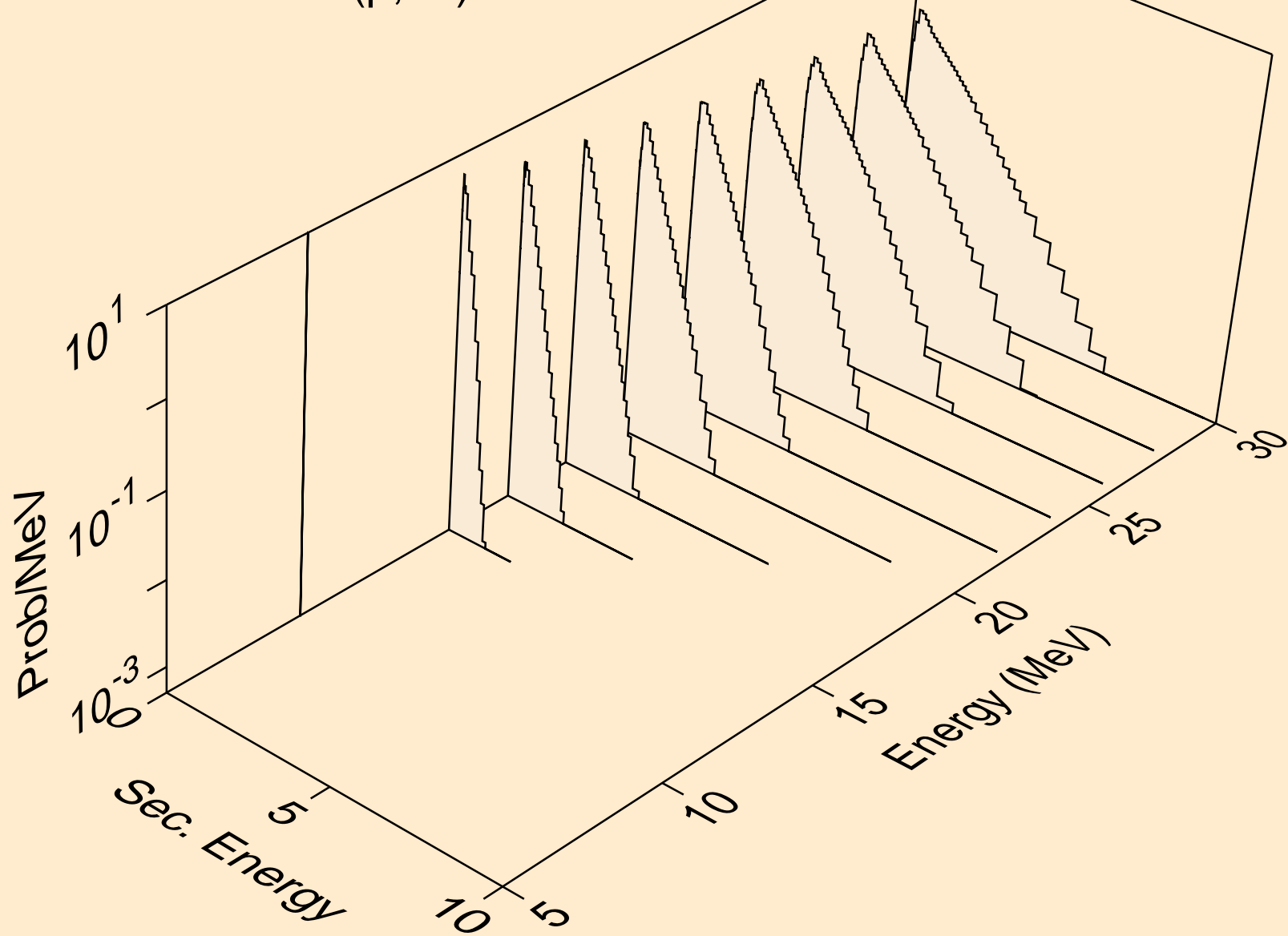
RU110 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)



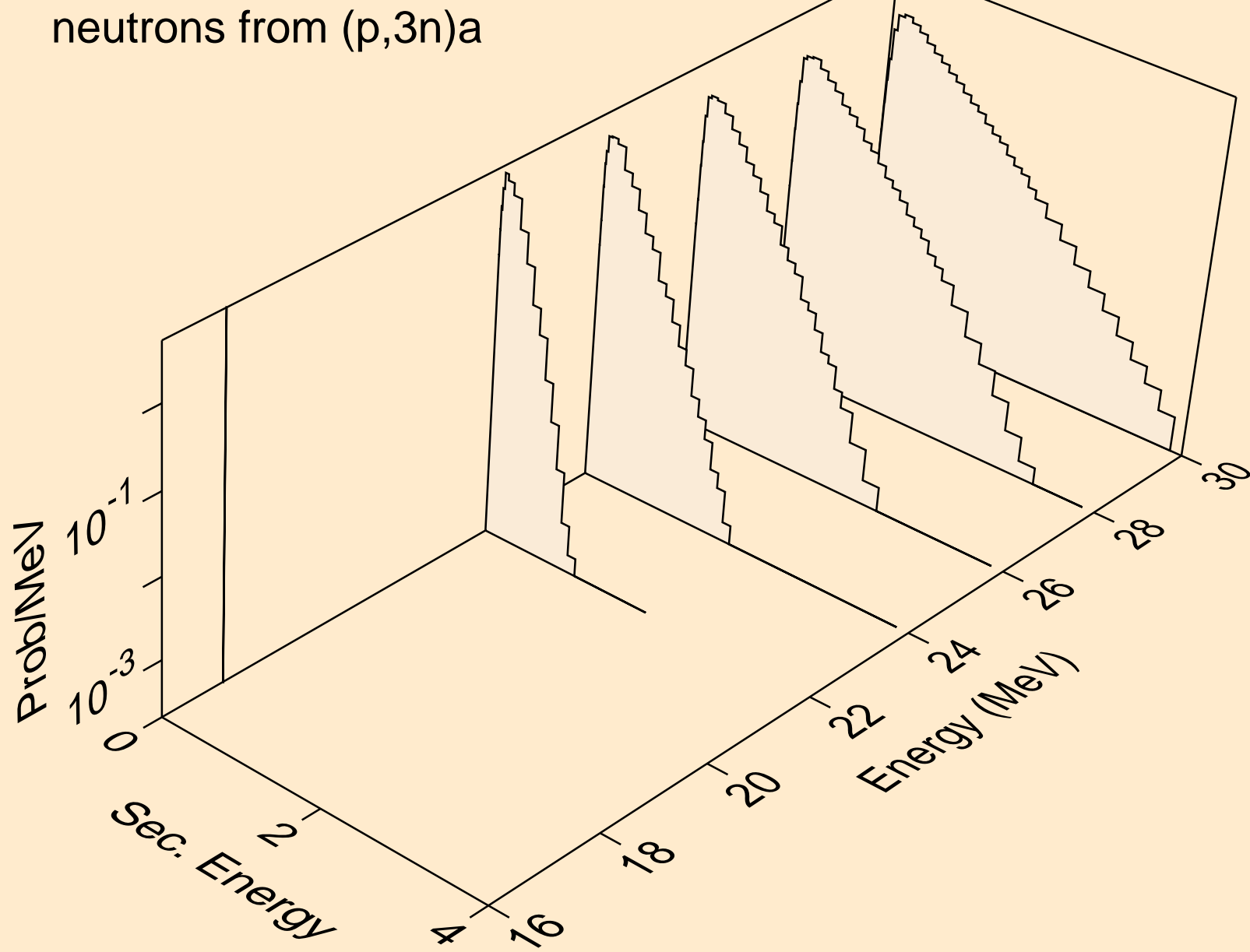
RU110 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a



RU110 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)a

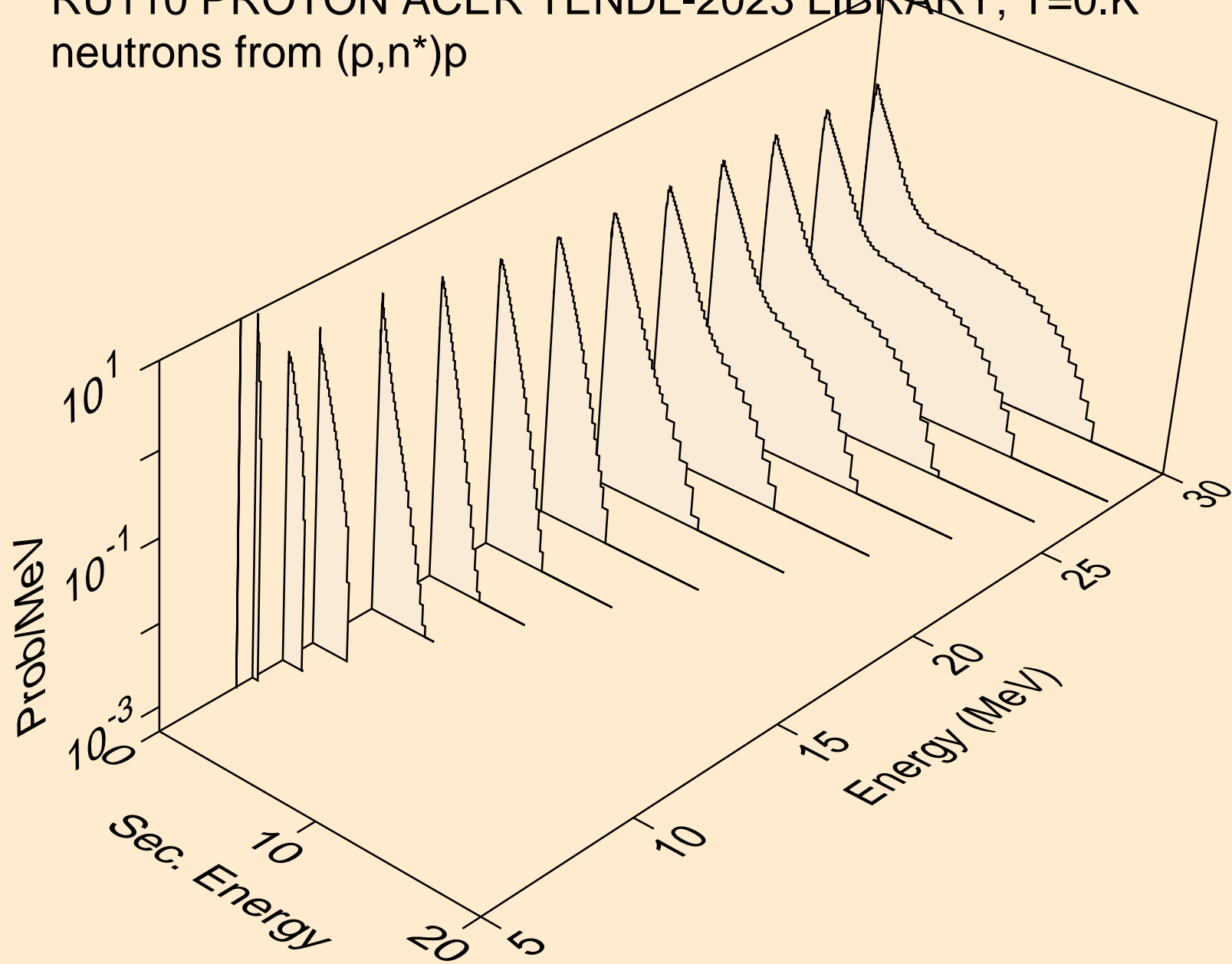


RU110 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)a

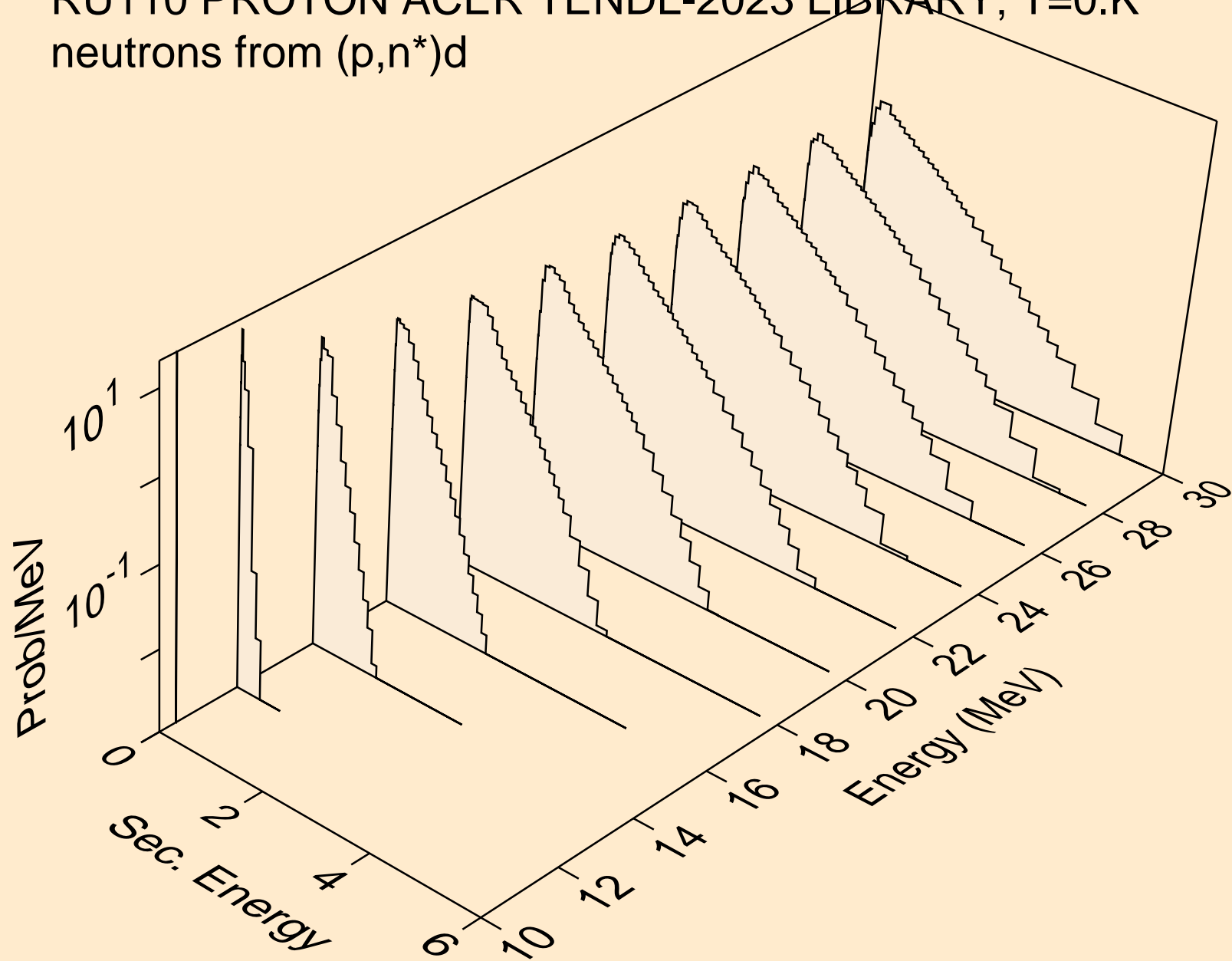




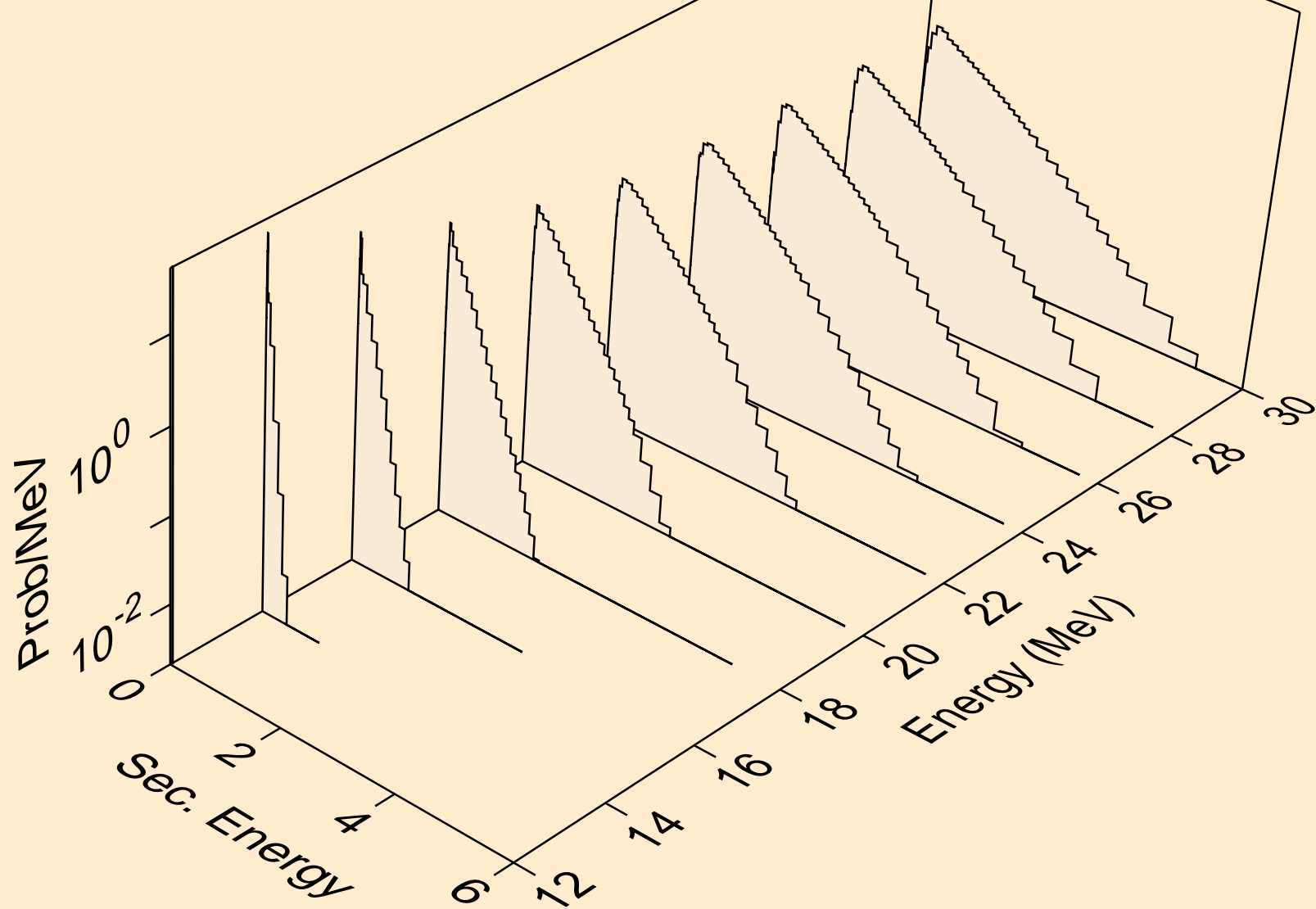
RU110 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)p



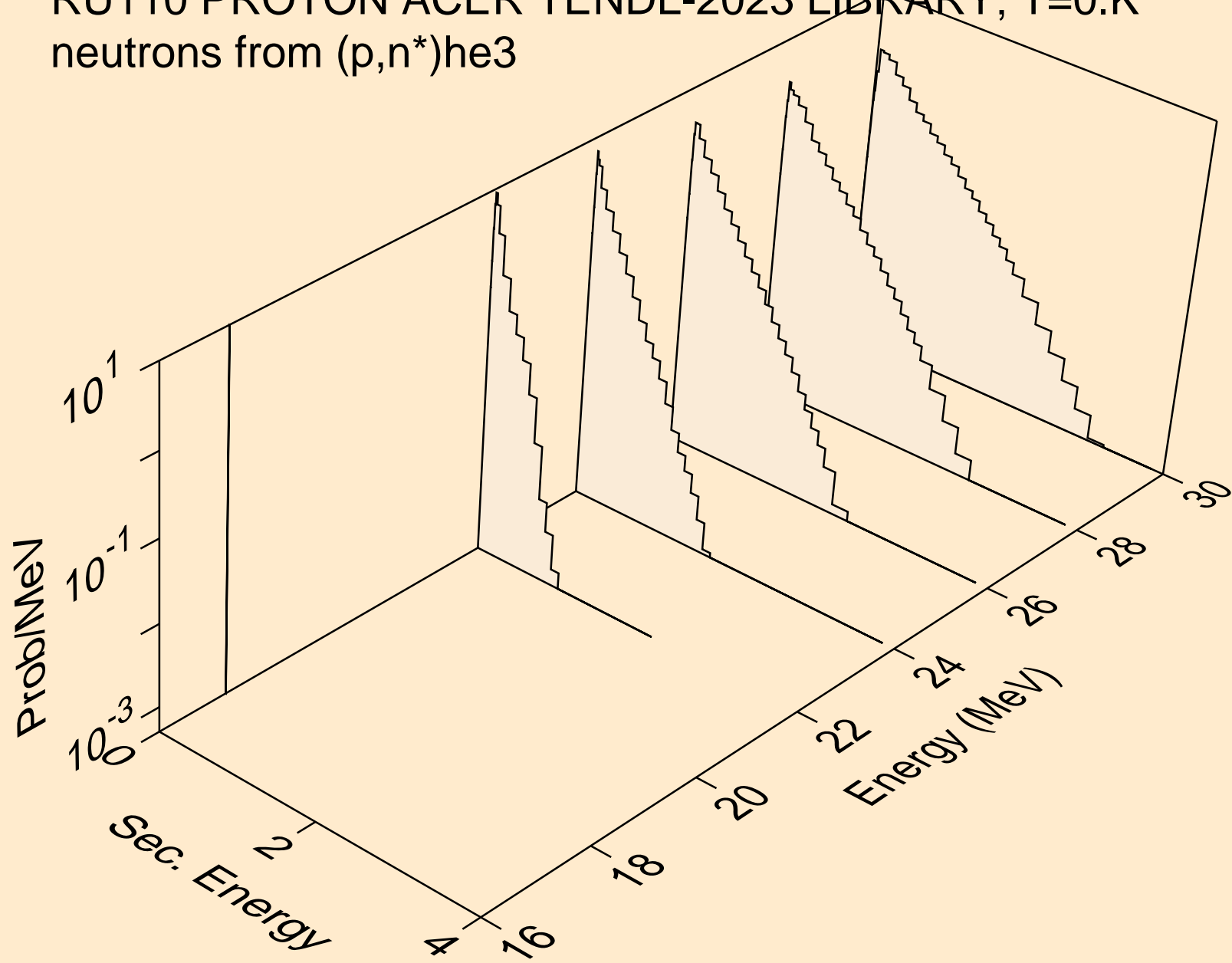
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neutrons from (p,n\*)d



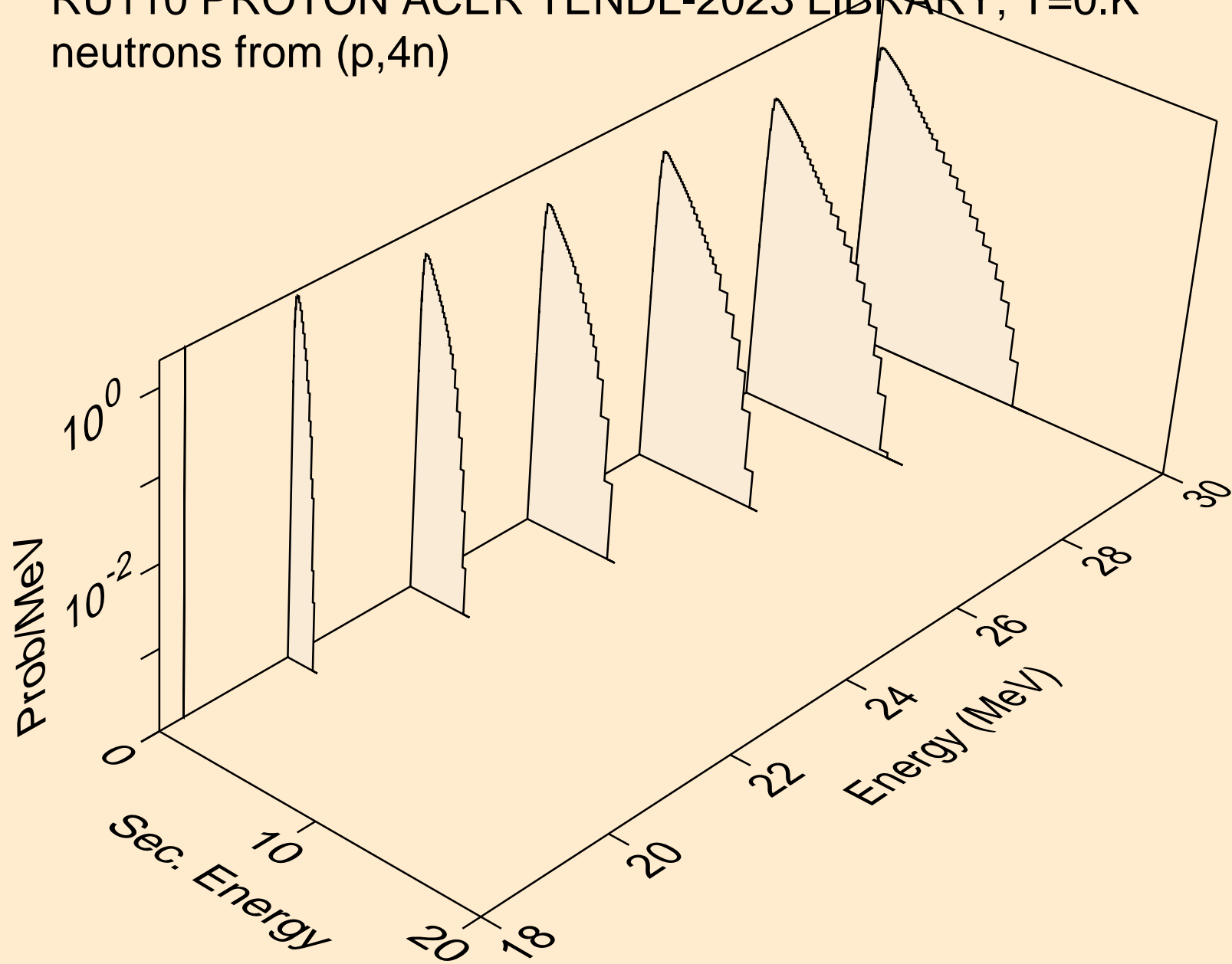
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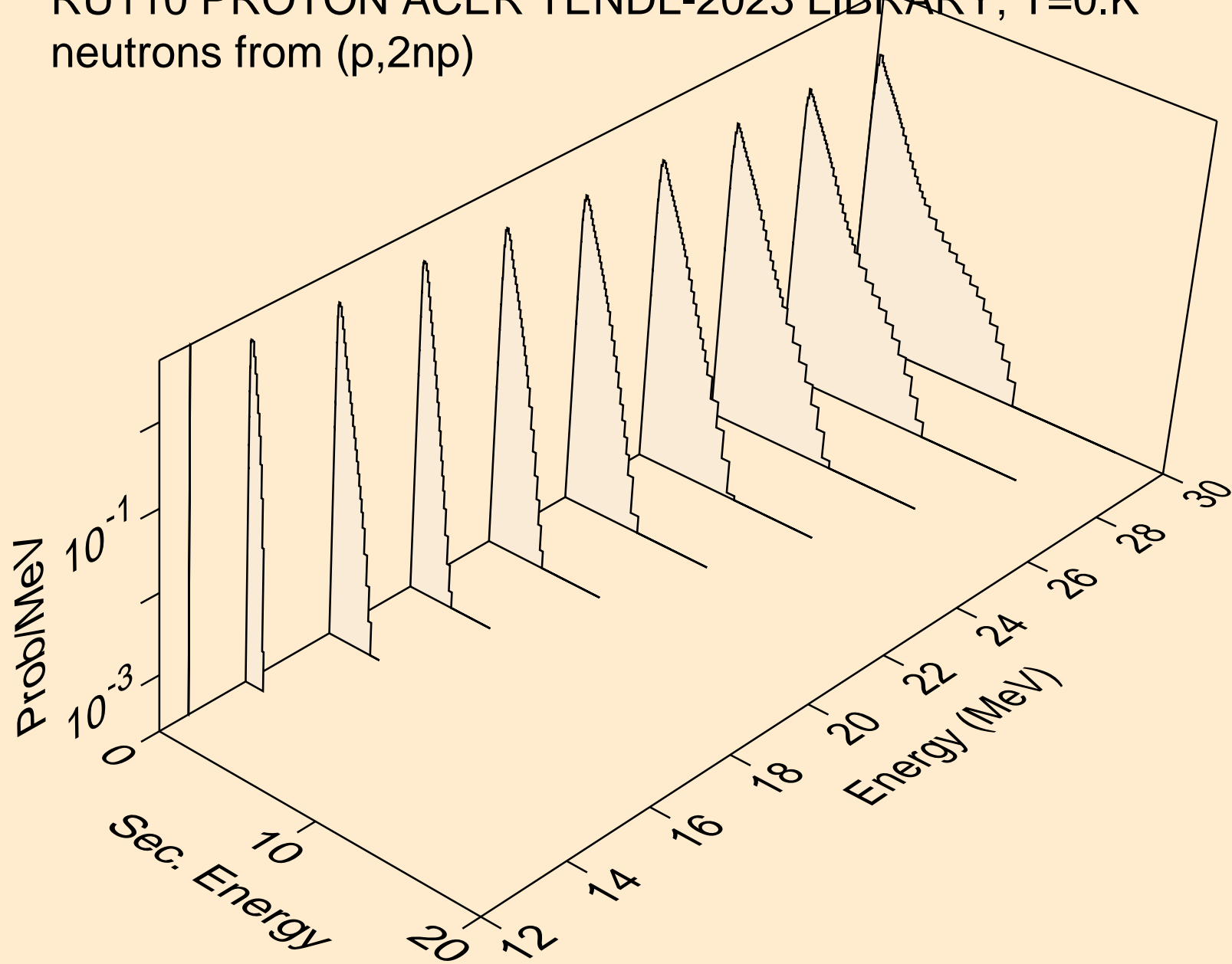
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neutrons from (p,n\*)he3



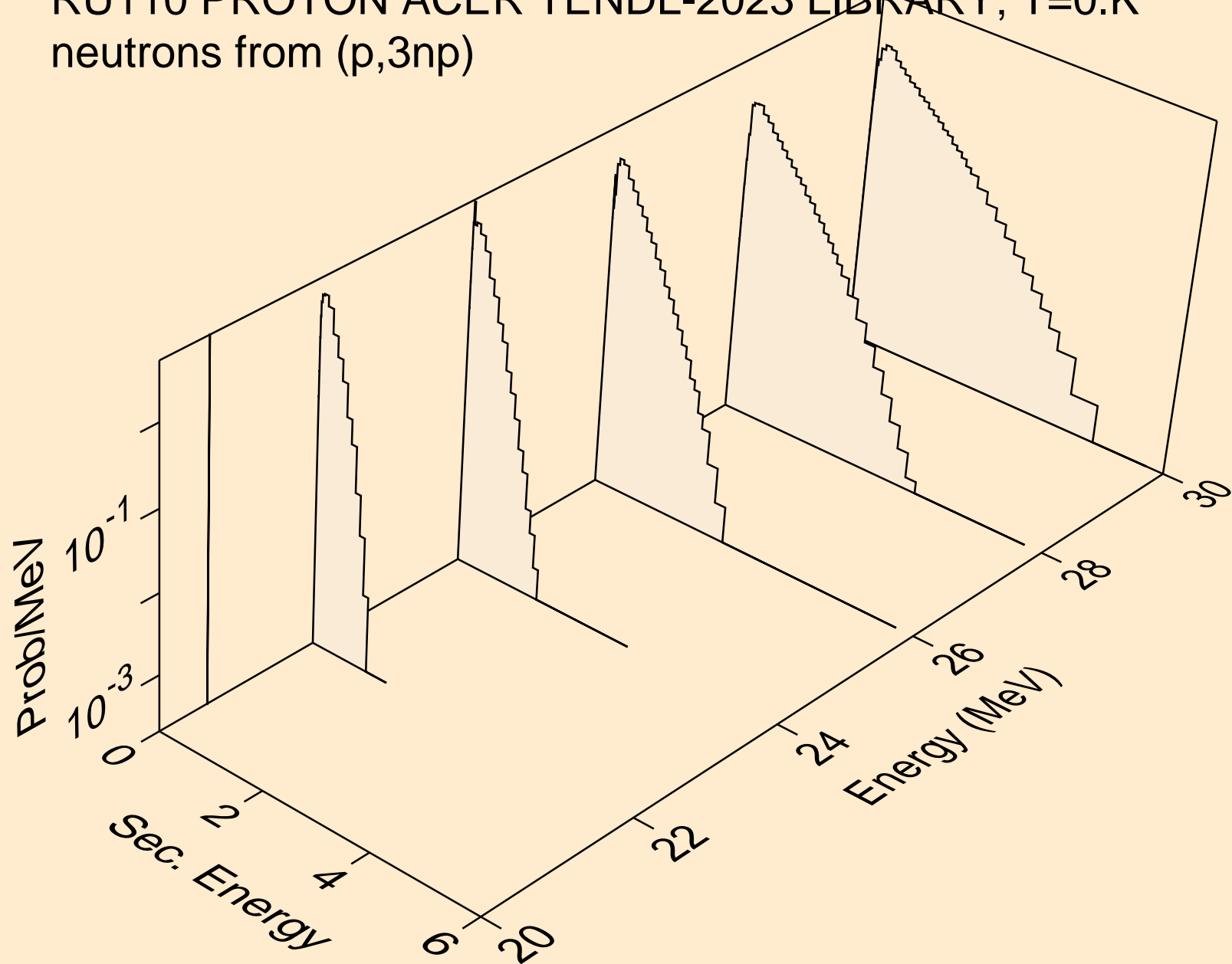
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neutrons from (p,4n)



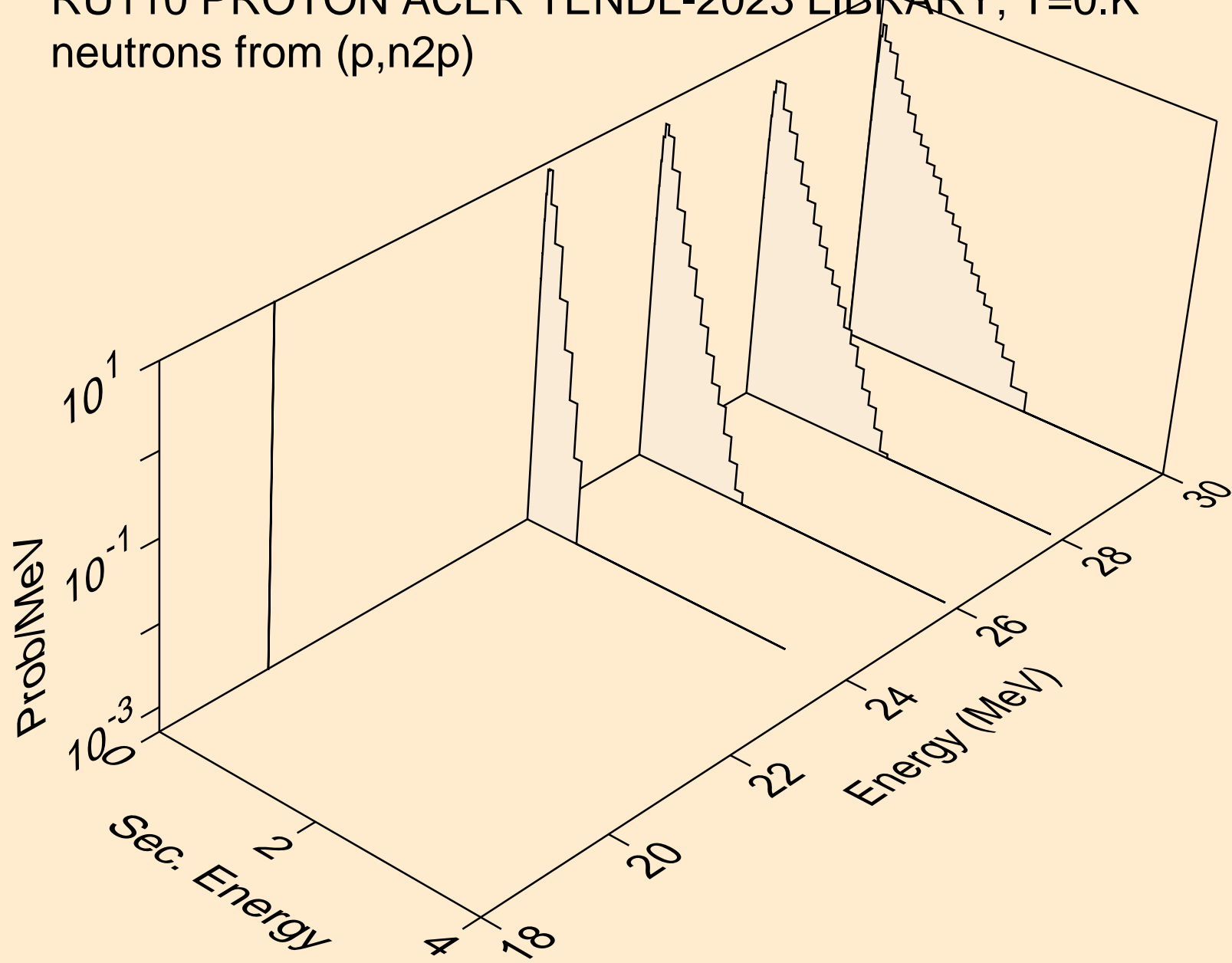
RU110 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2np)



RU110 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3np)

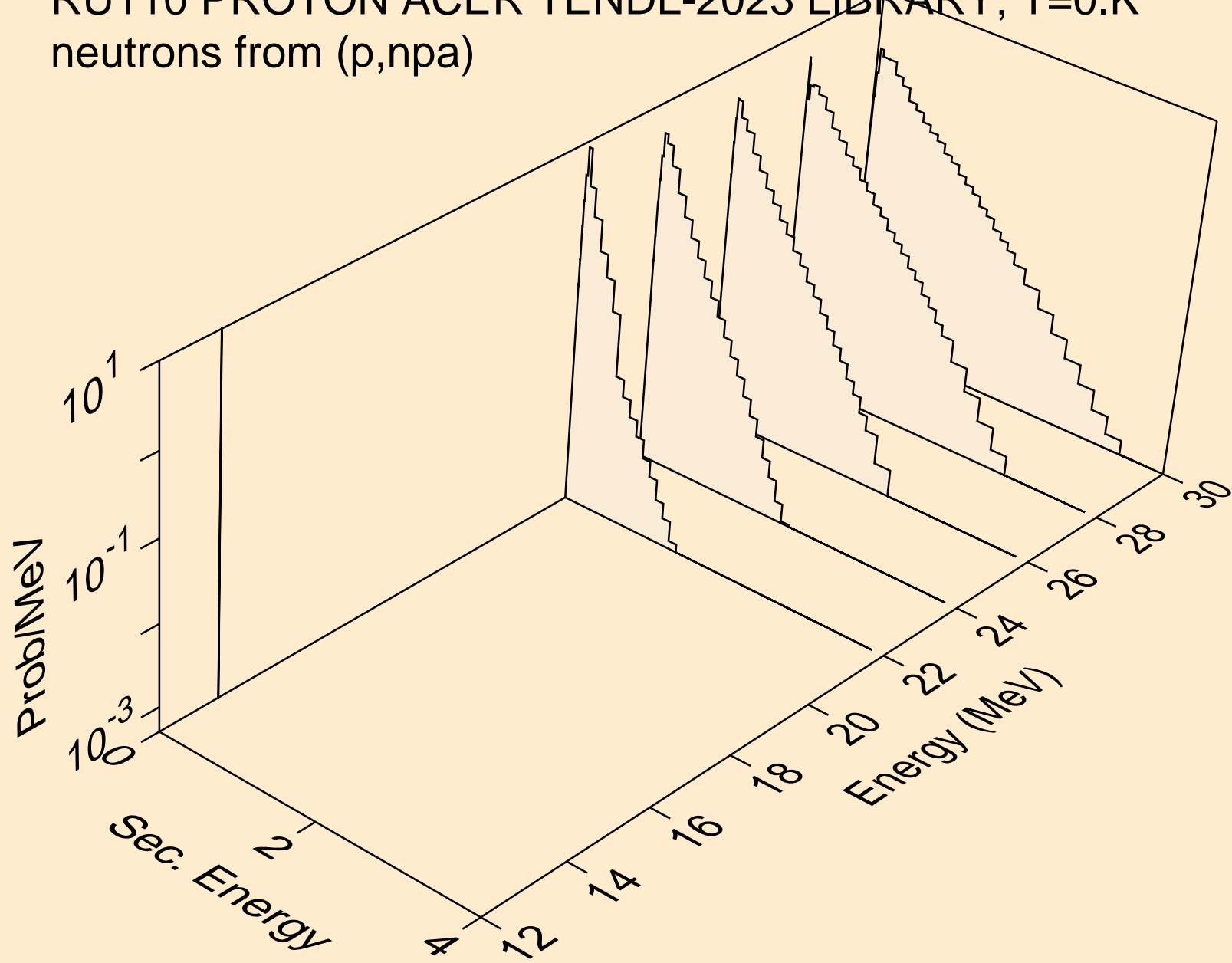


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neutrons from (p,n2p)

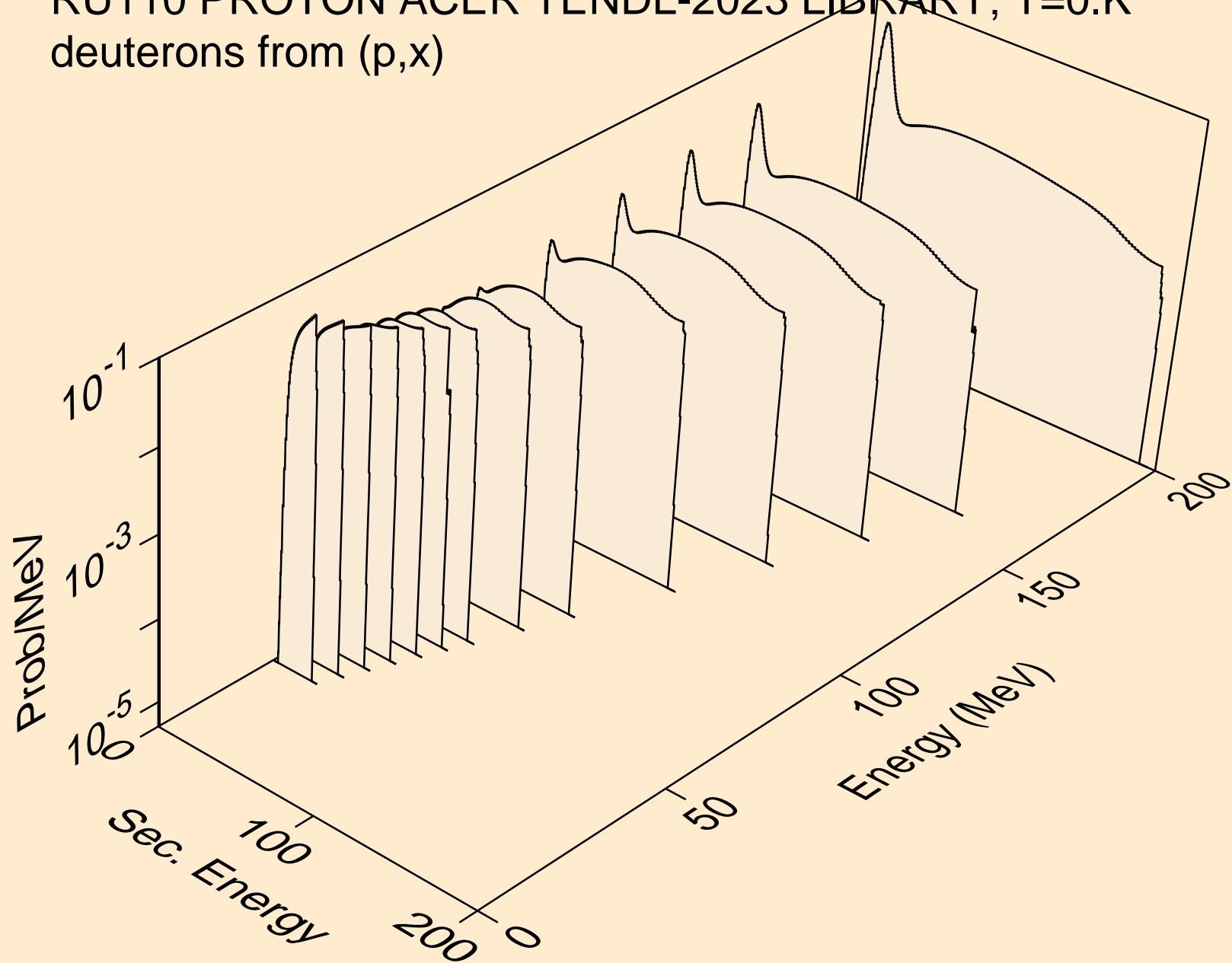




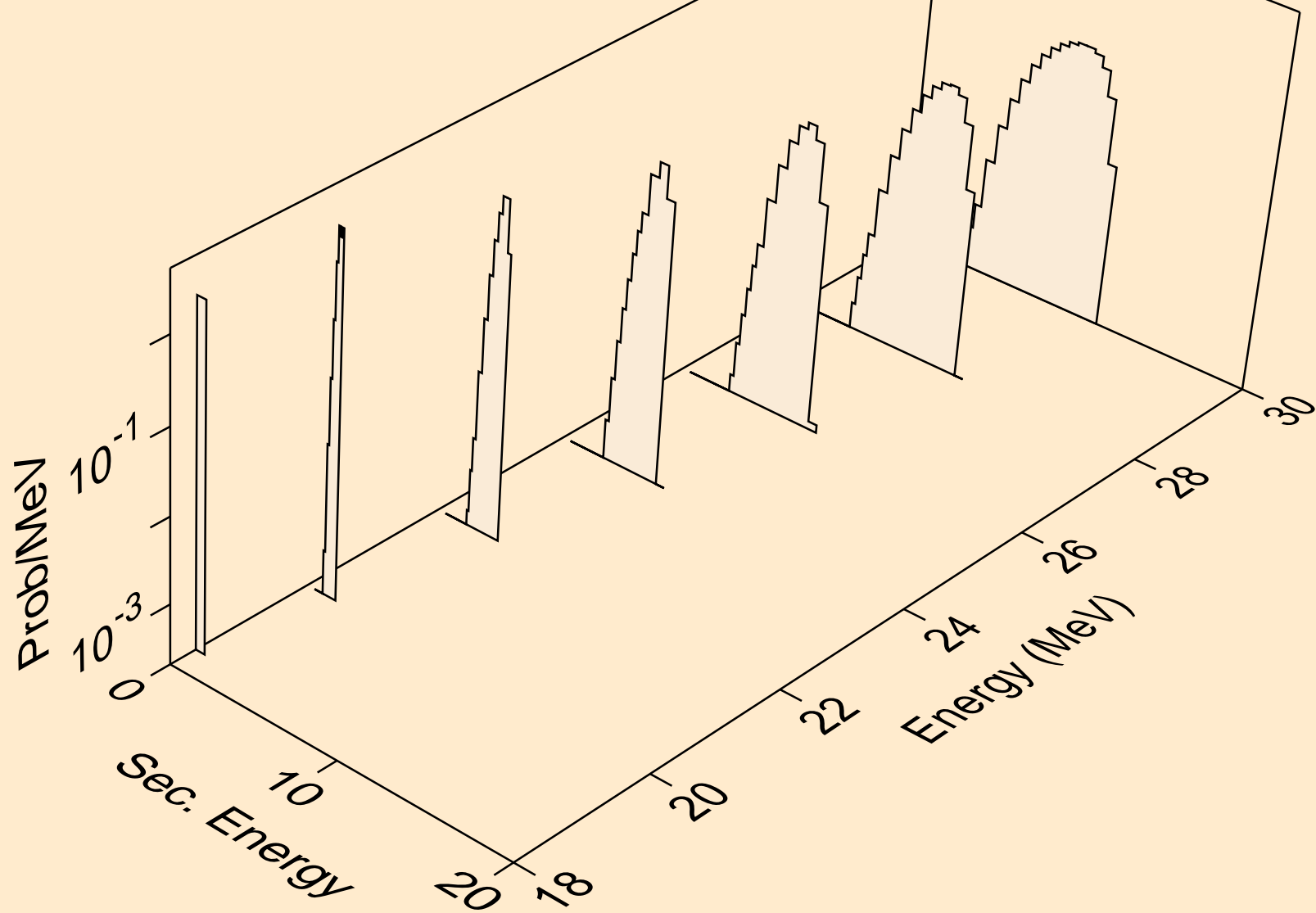
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neutrons from (p,npa)



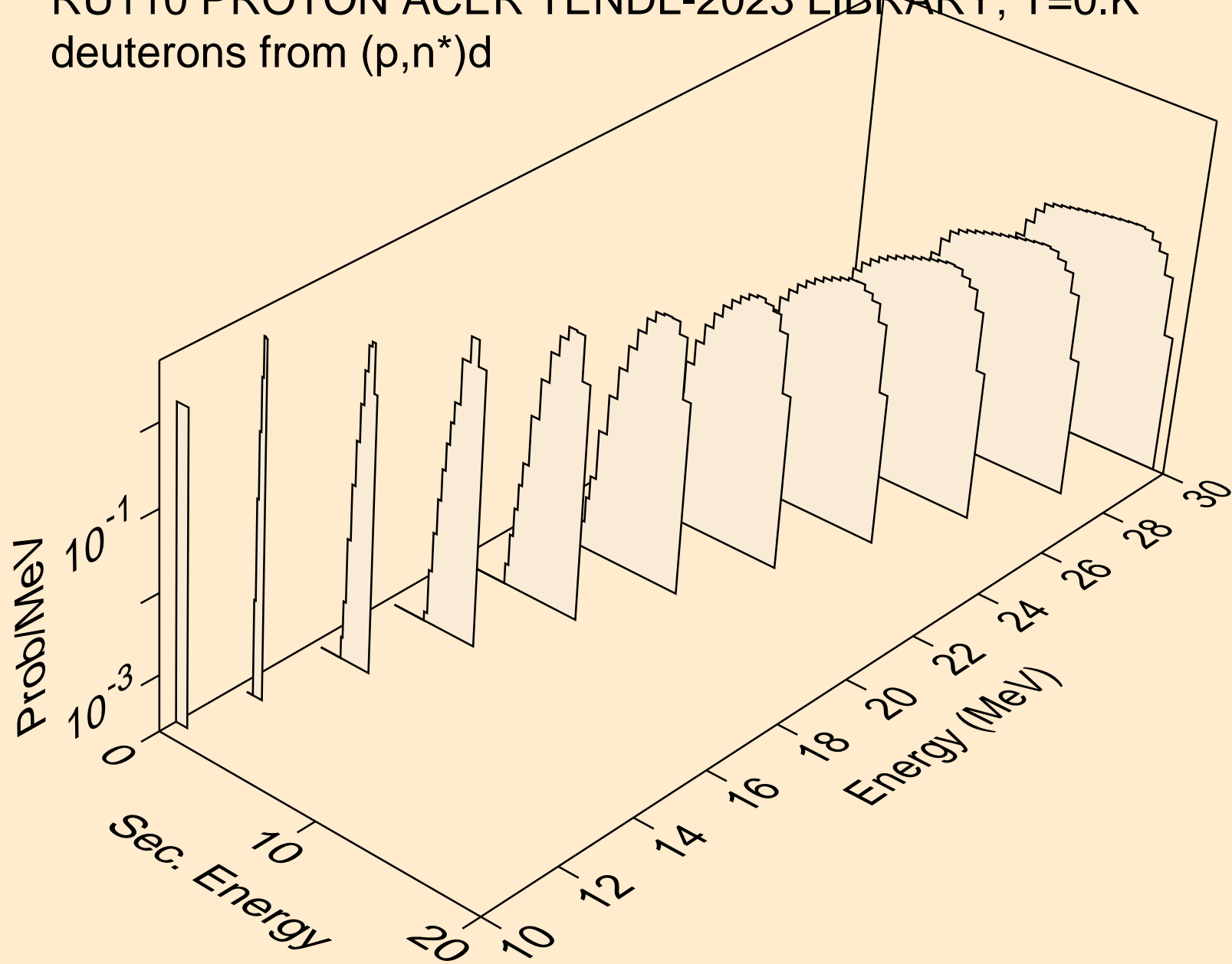
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deuterons from (p,x)



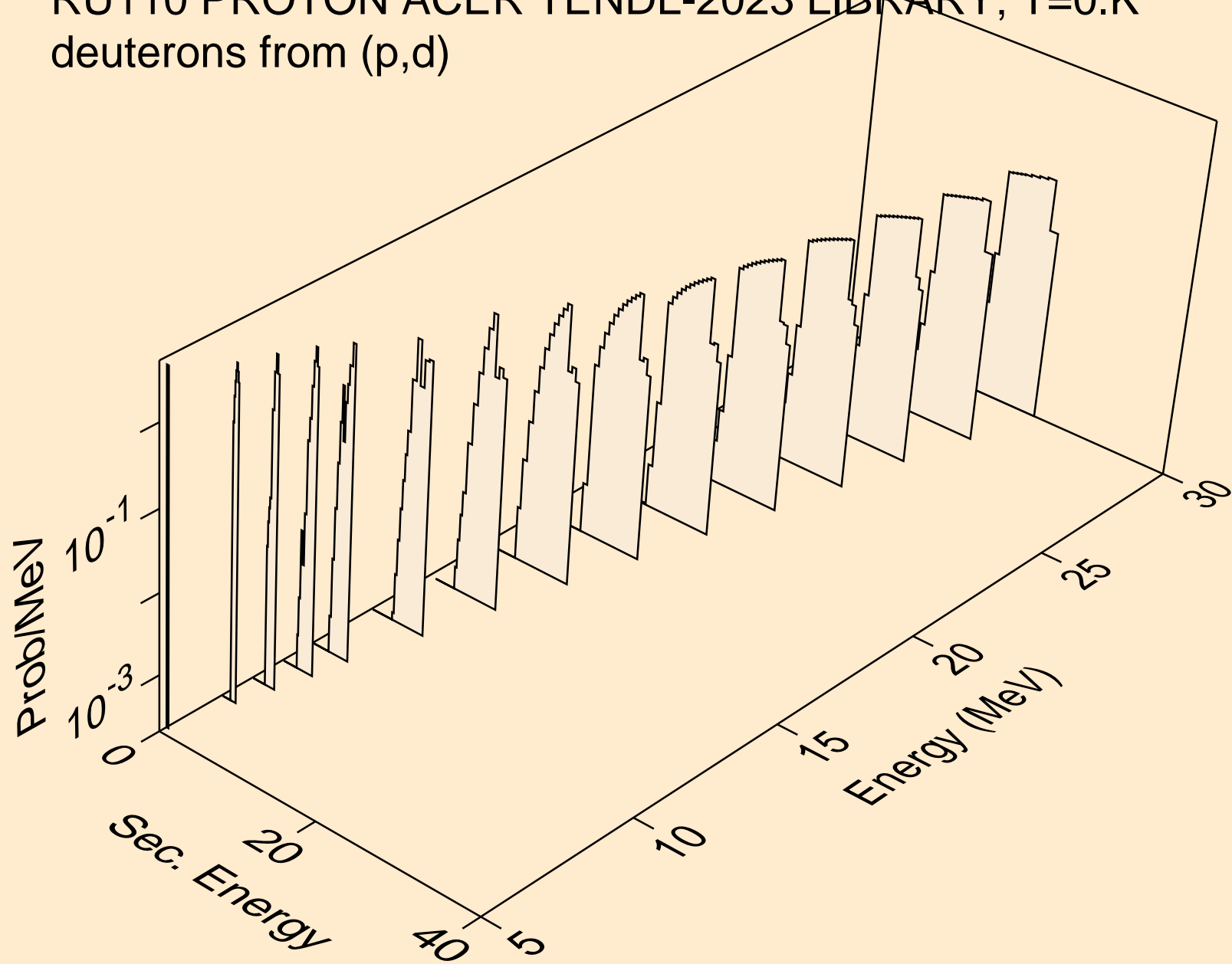
RU110 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,2nd)



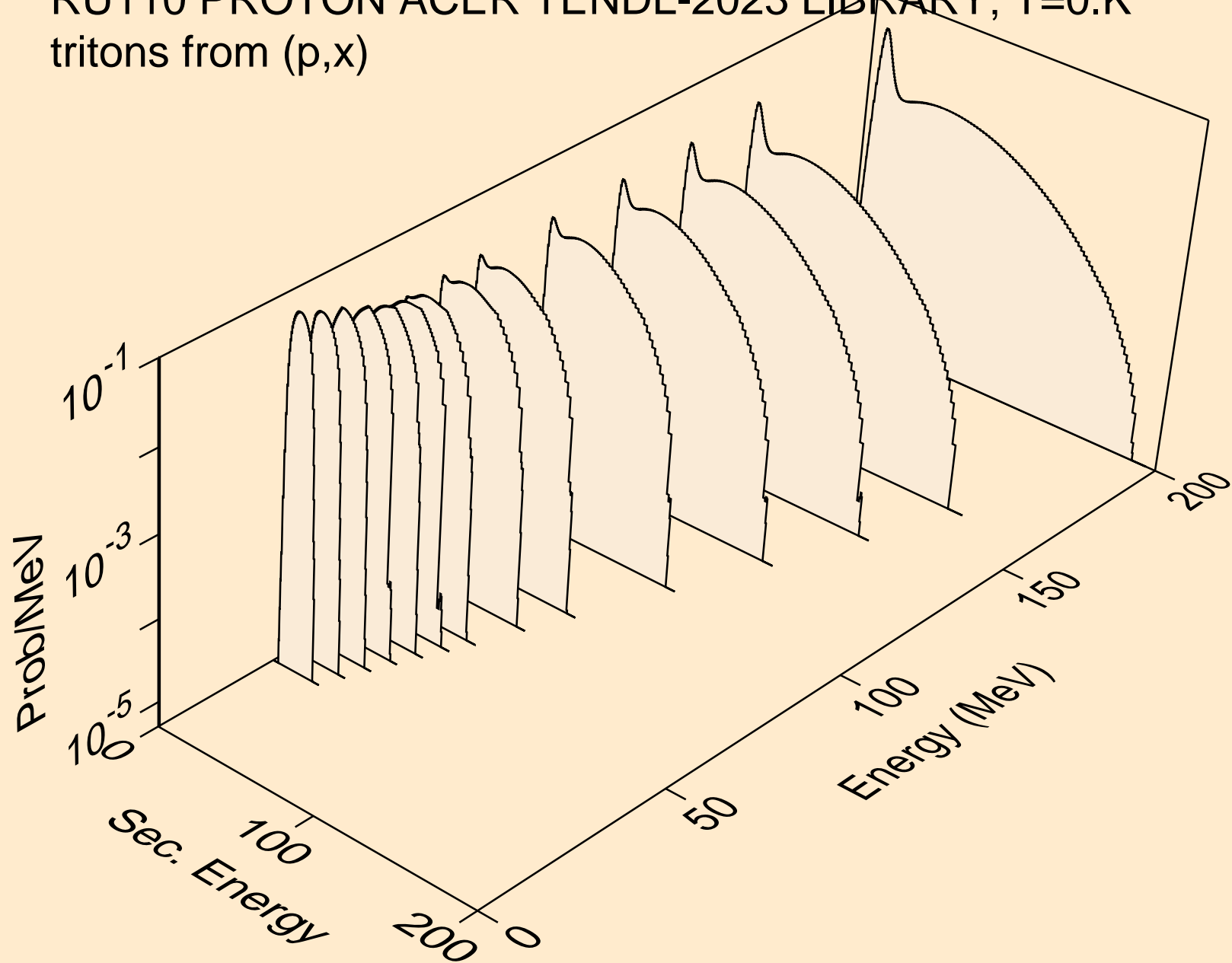
RU110 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,n\*)d



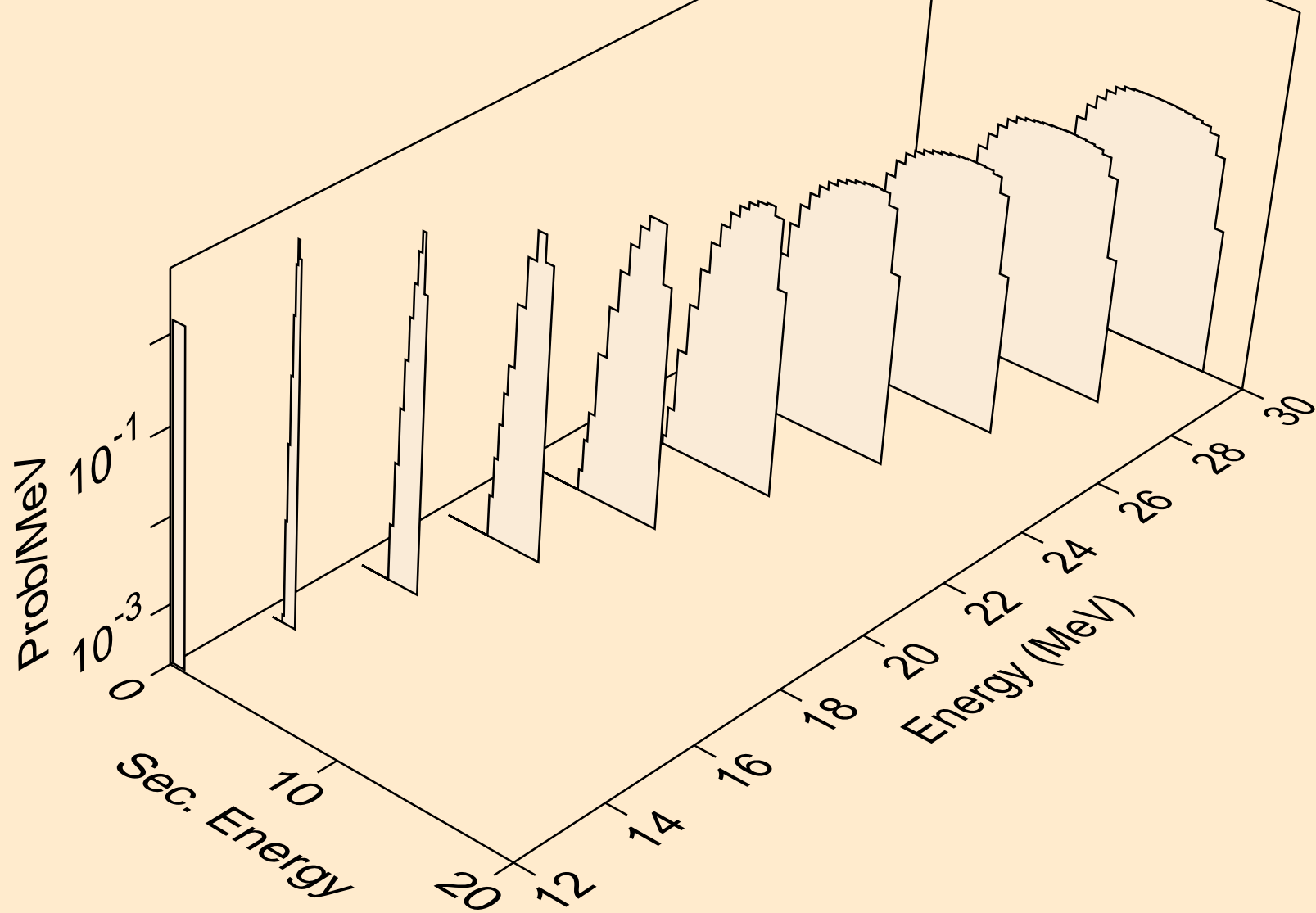
RU110 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,d)



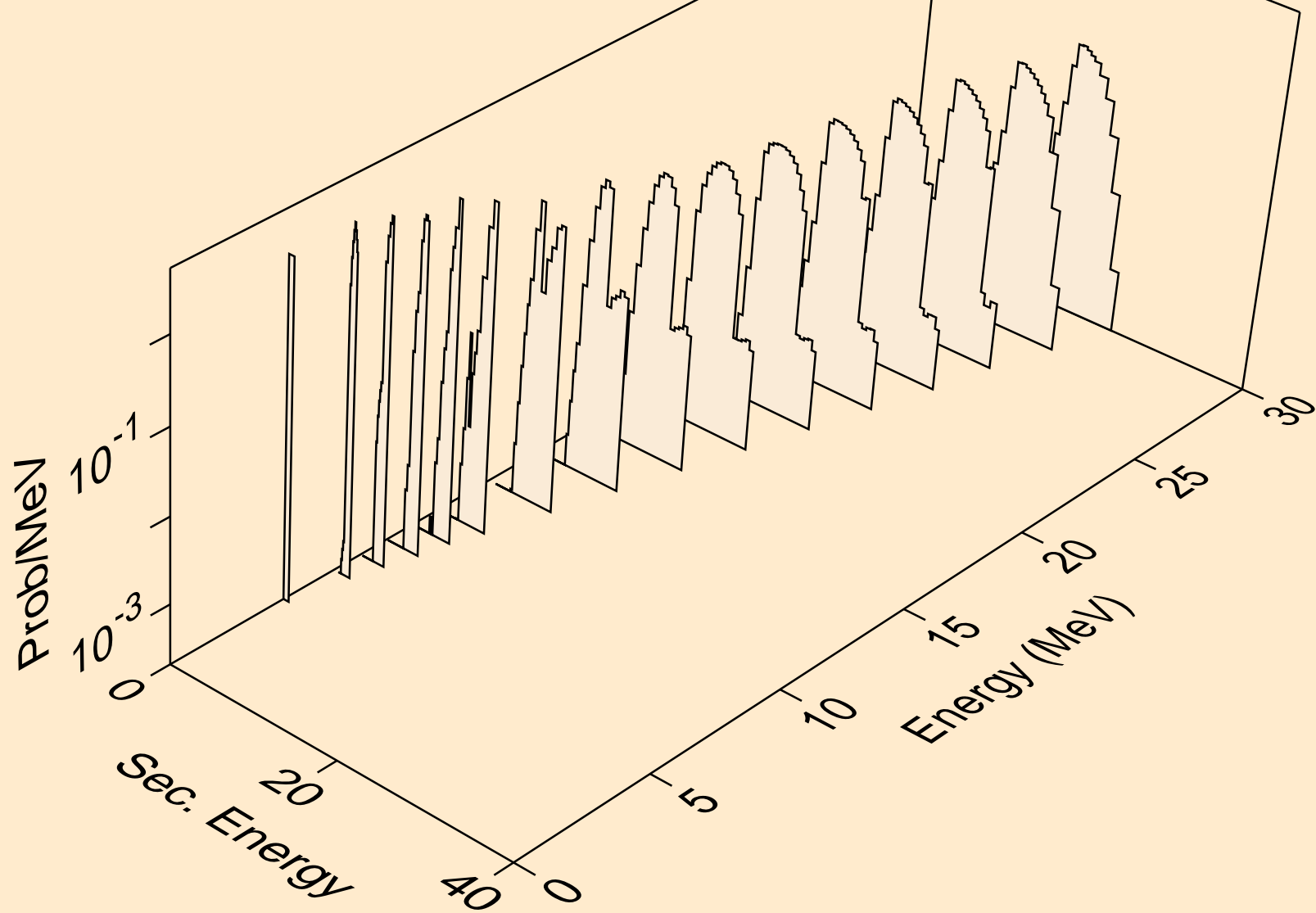
RU110 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,x)



RU110 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,n\*)t

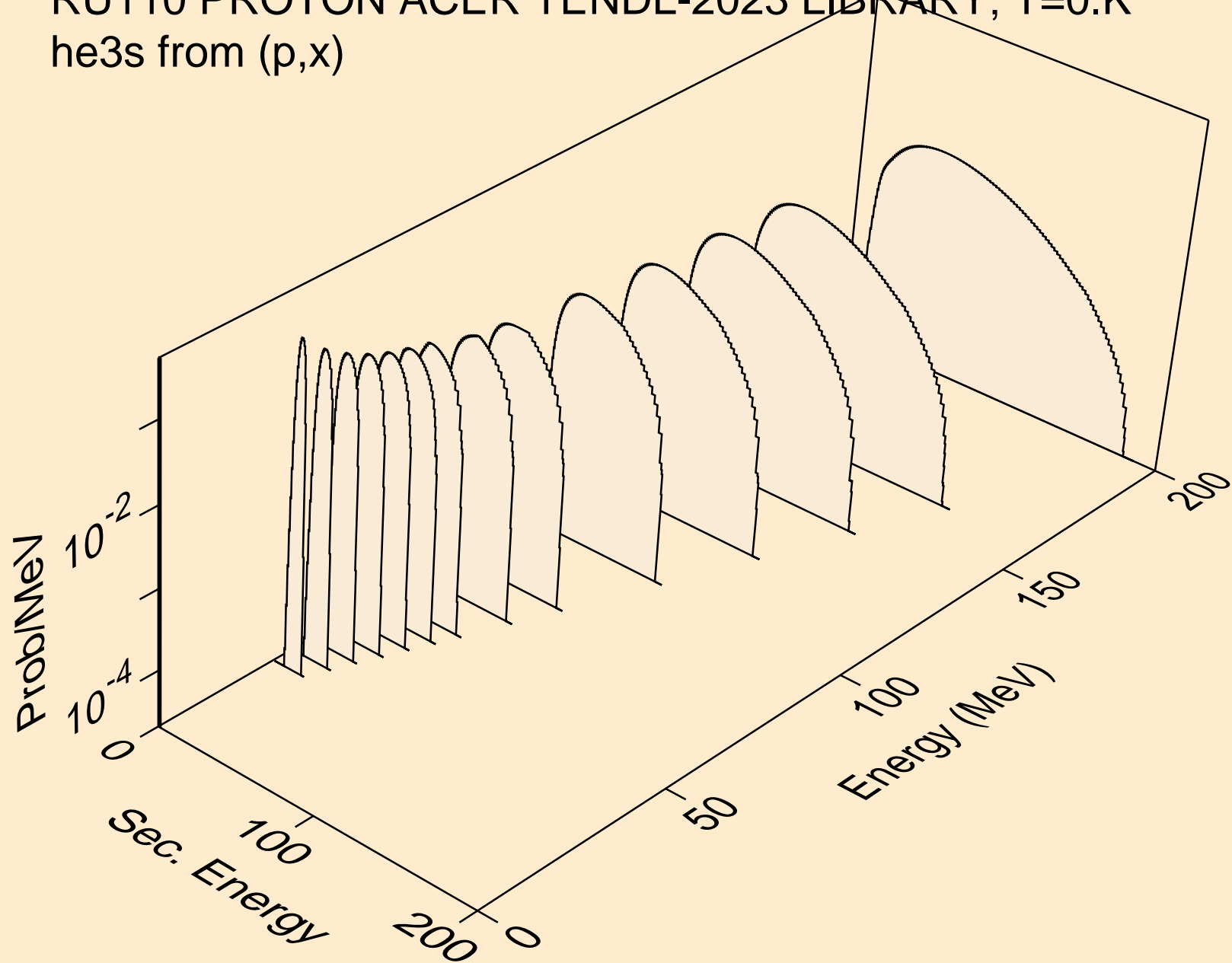


RU110 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,t)

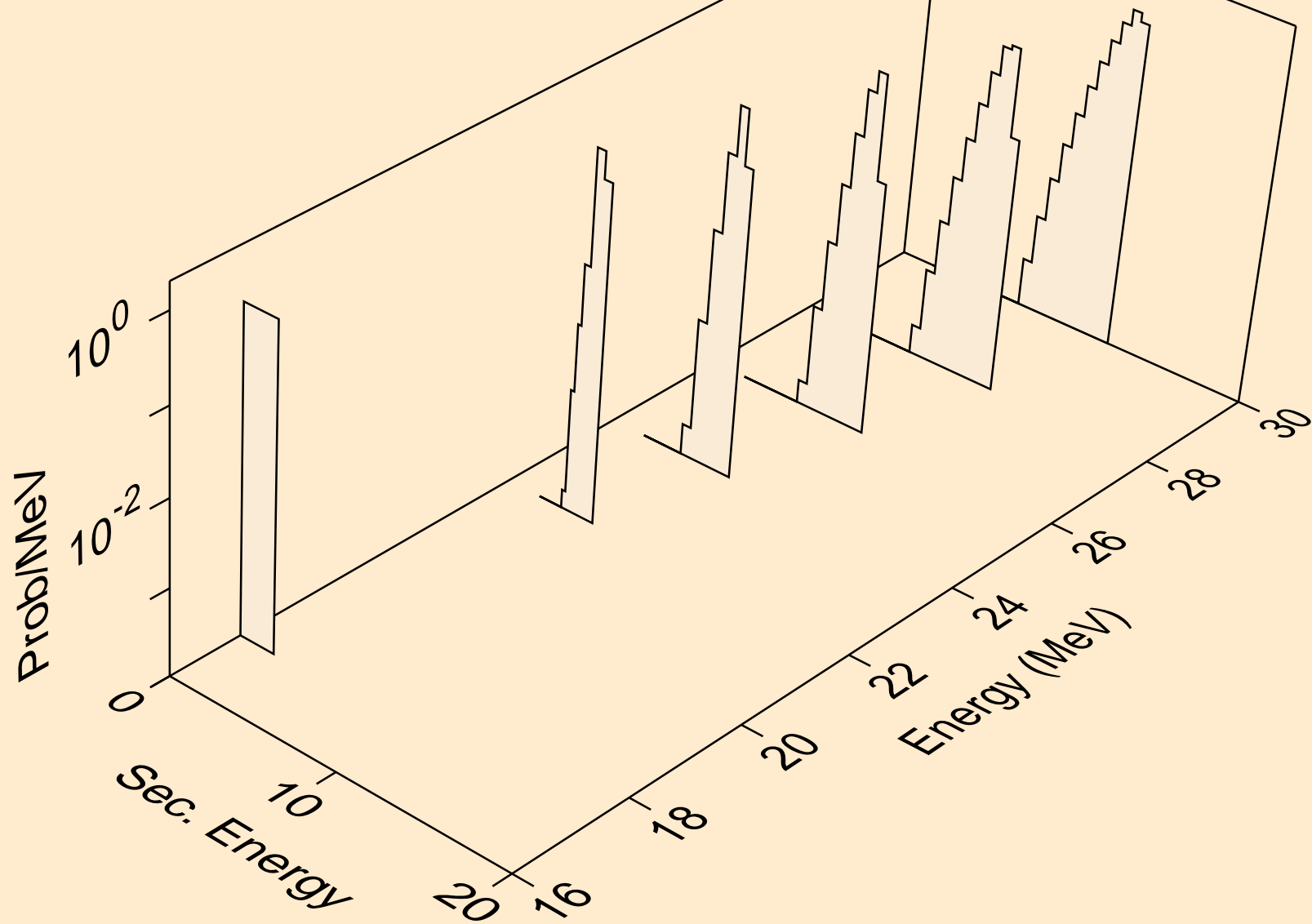




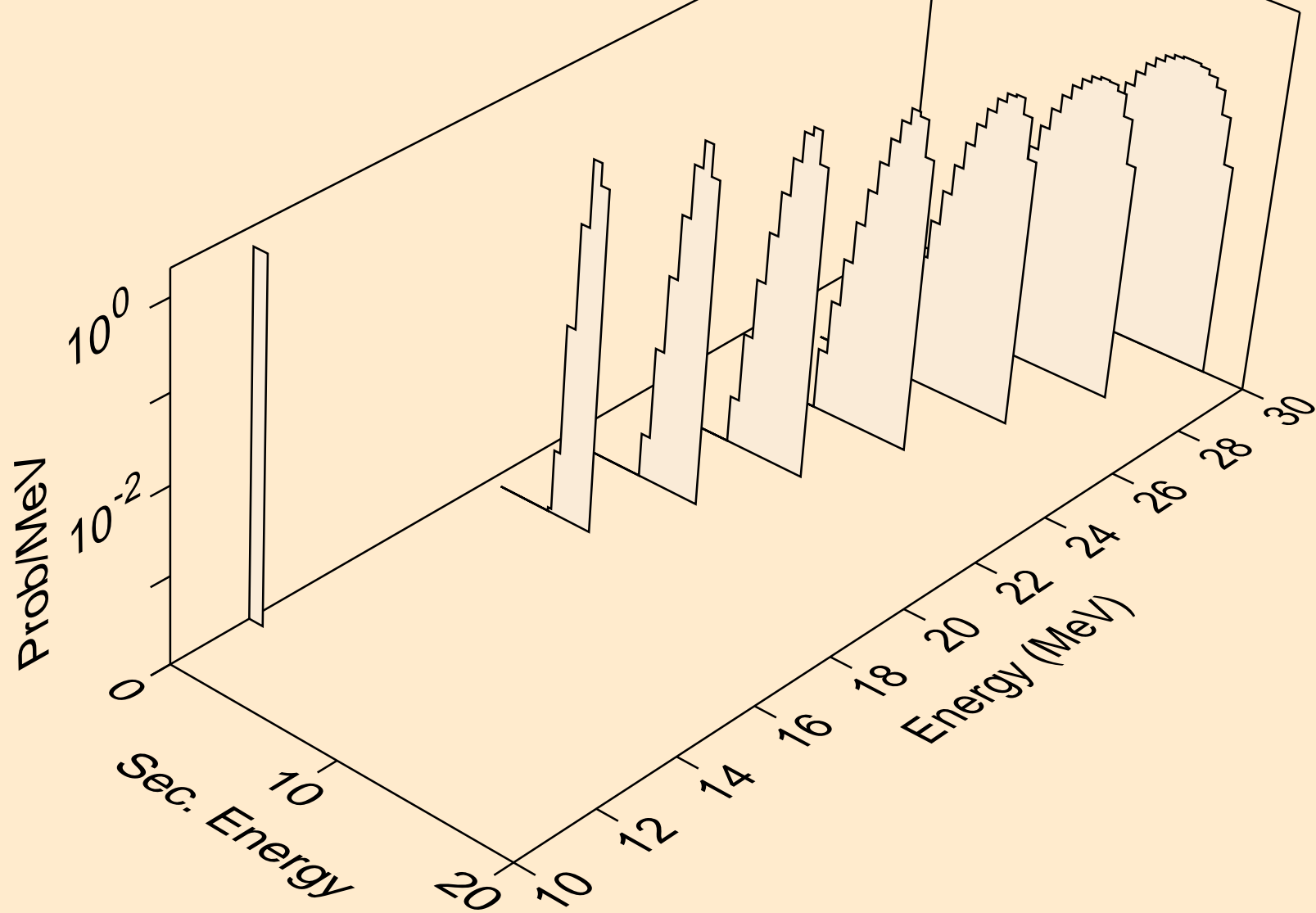
RU110 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)



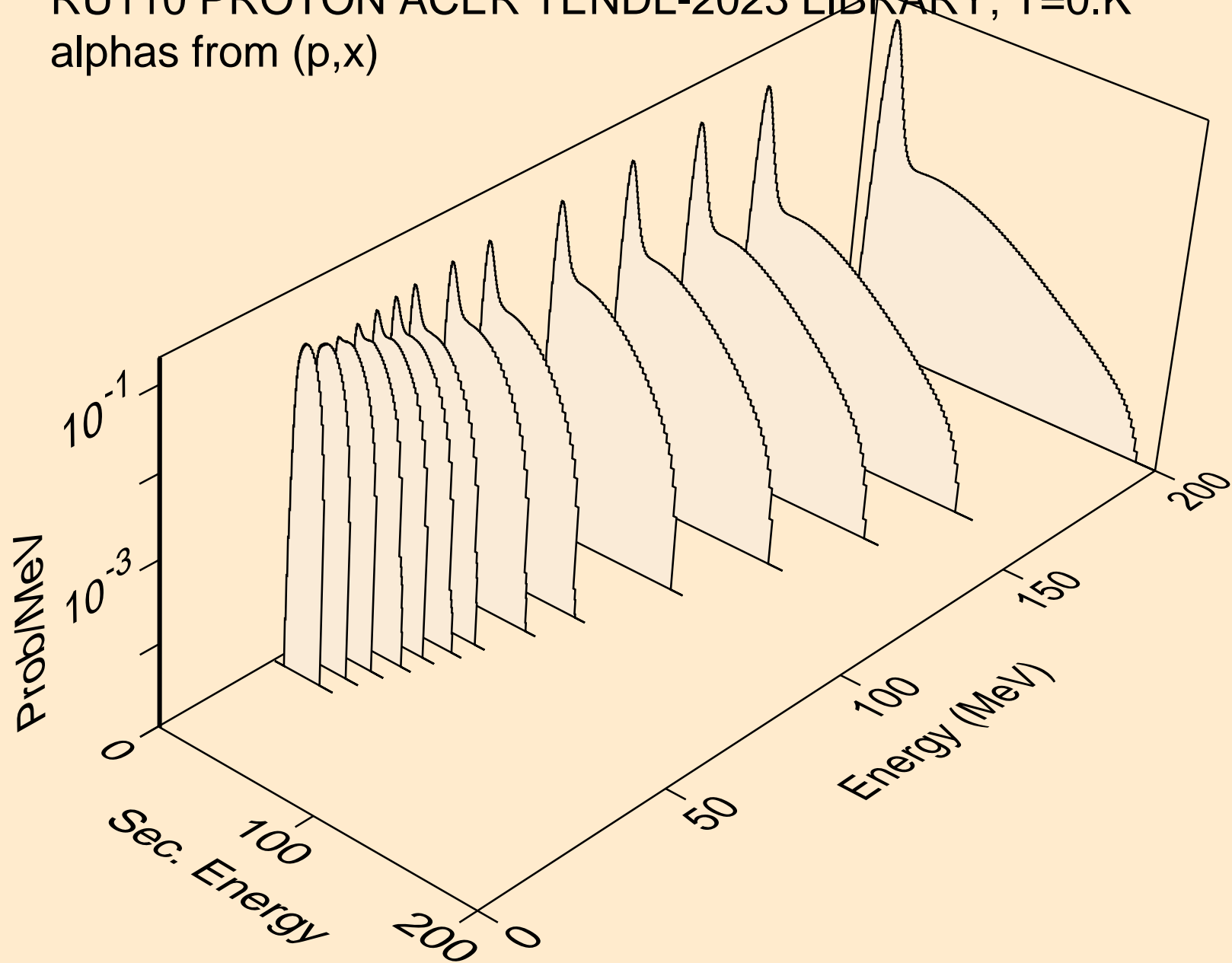
RU110 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,n\*)he3



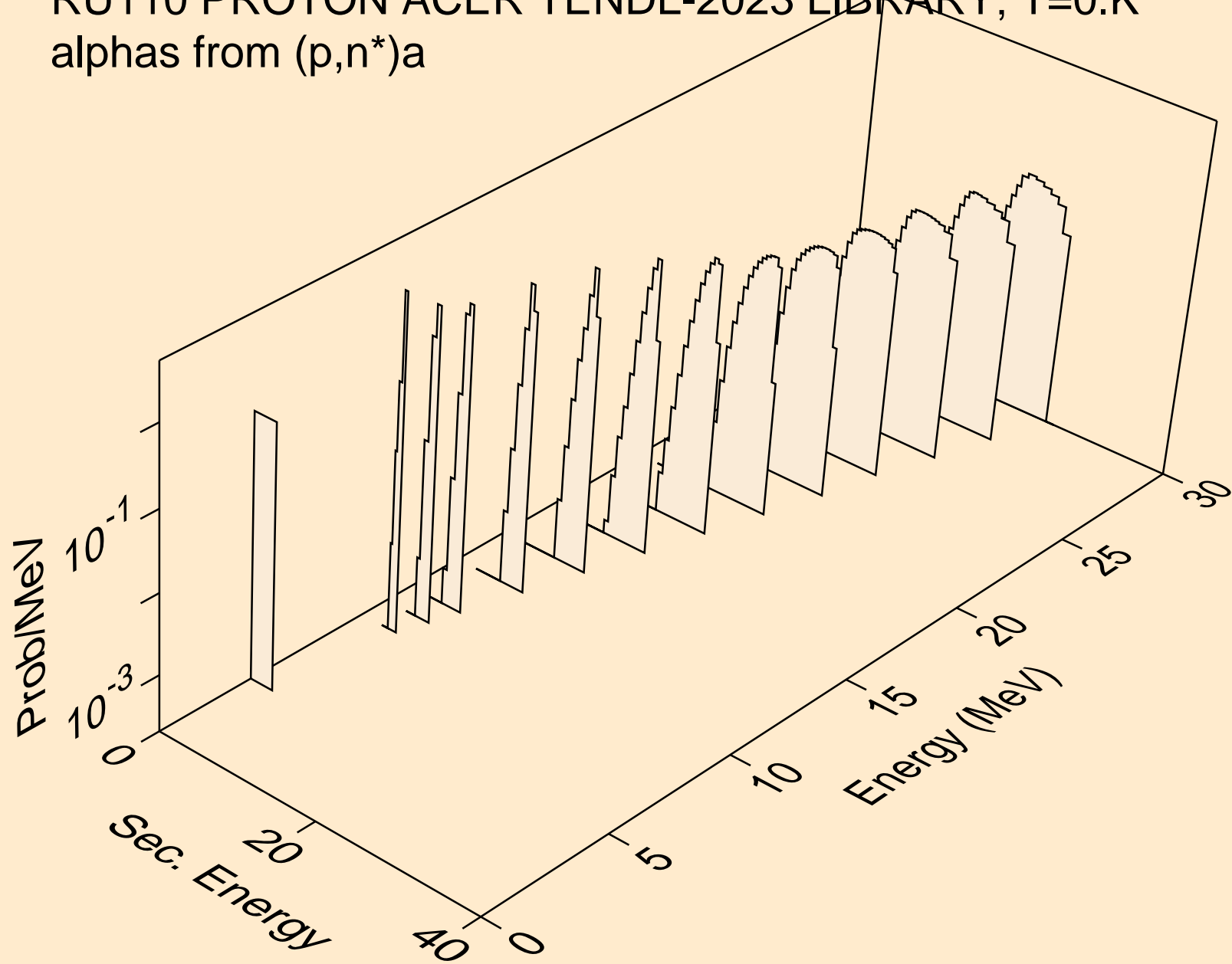
RU110 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,he3)



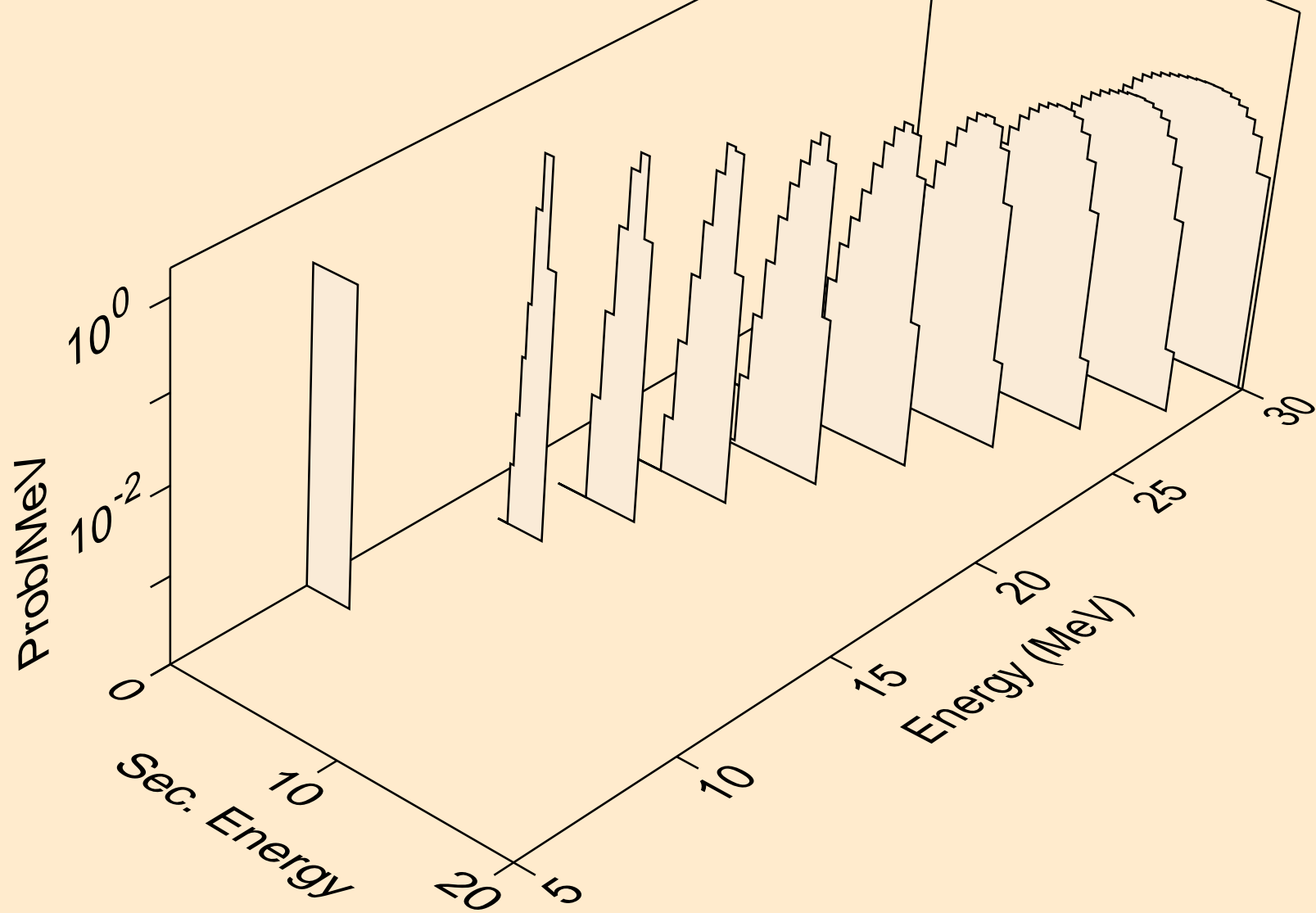
RU110 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)



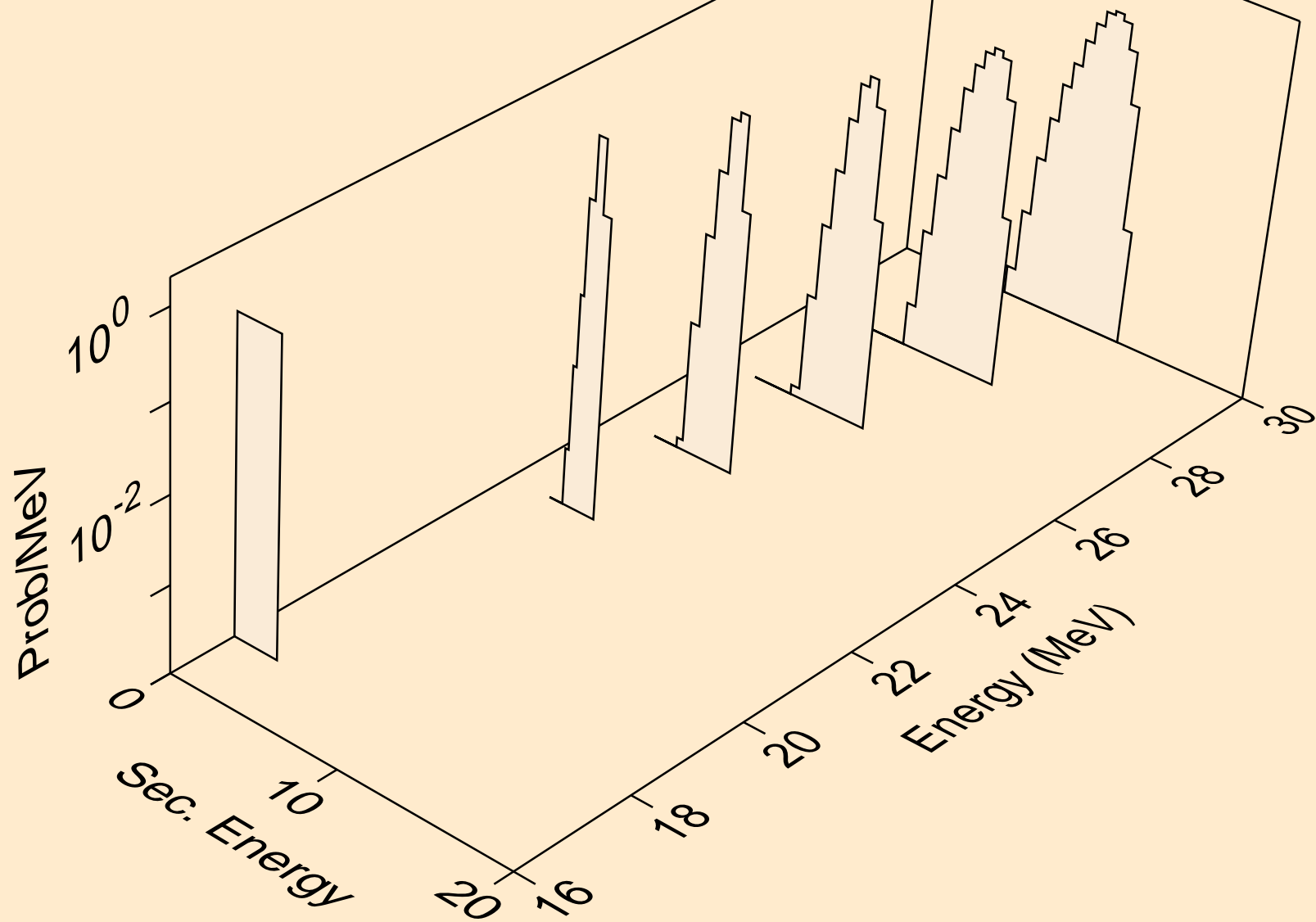
RU110 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a



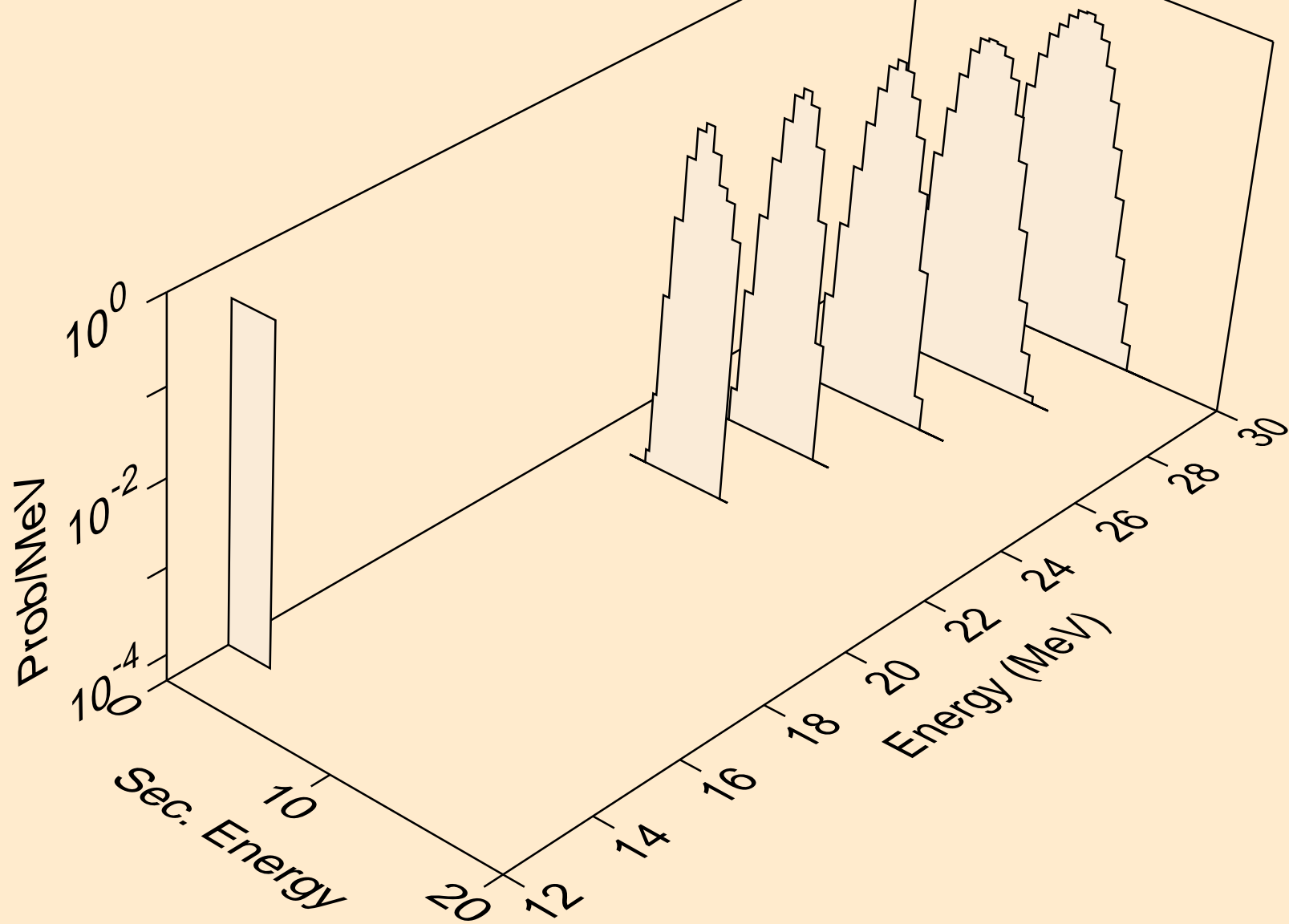
RU110 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)a



RU110 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,3n)a

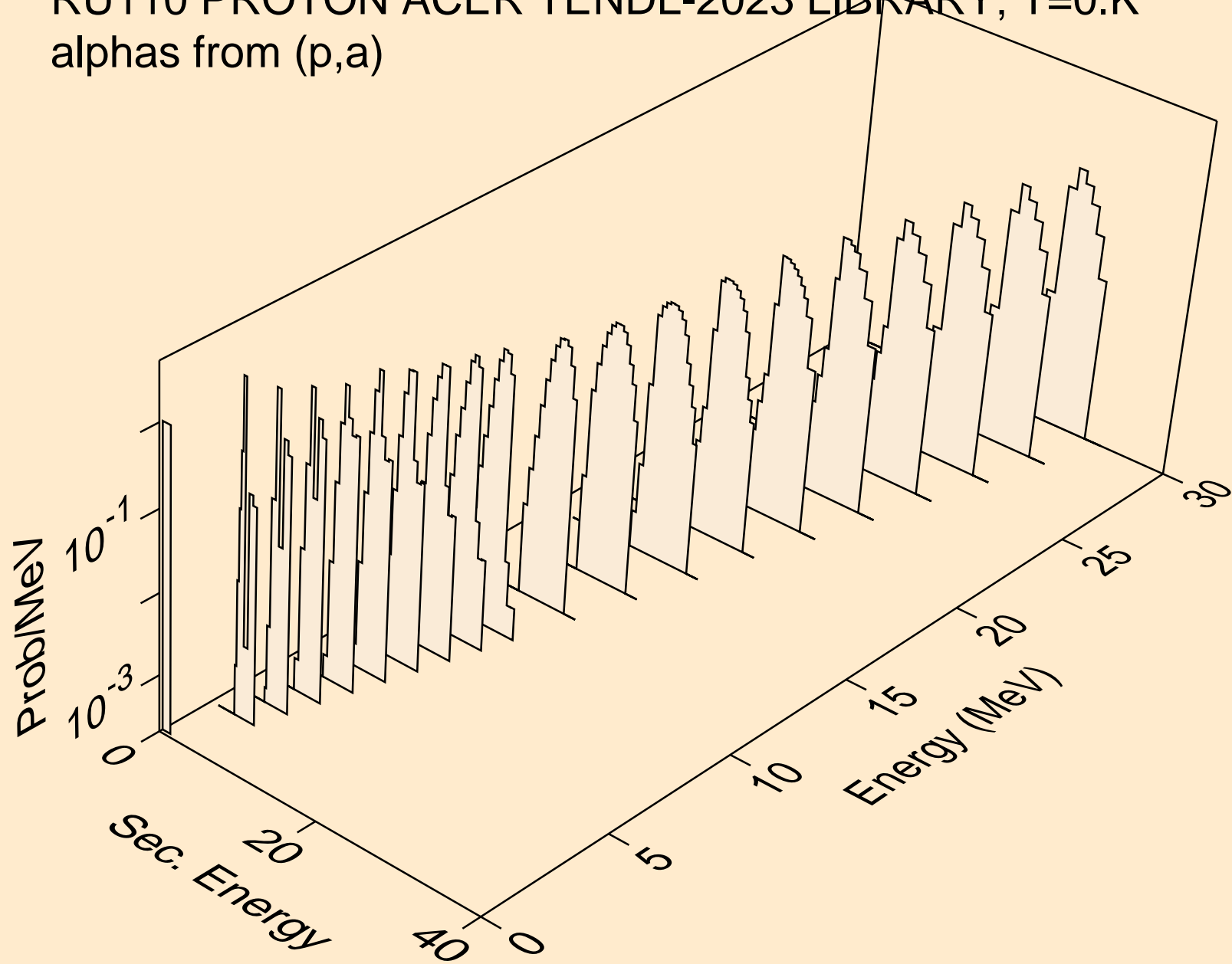


RU110 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,npa)





RU110 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)



RU110 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,pa)

