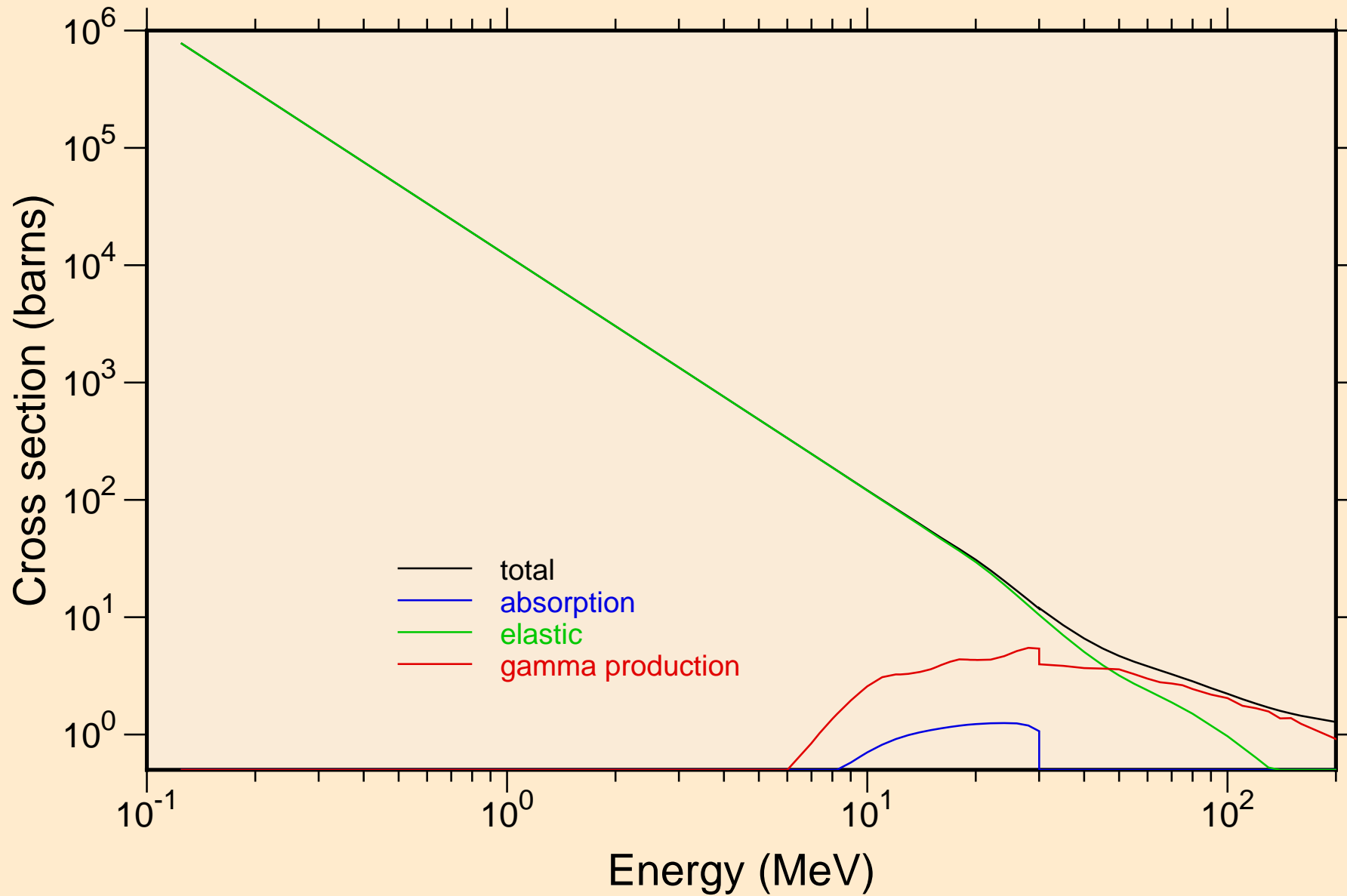
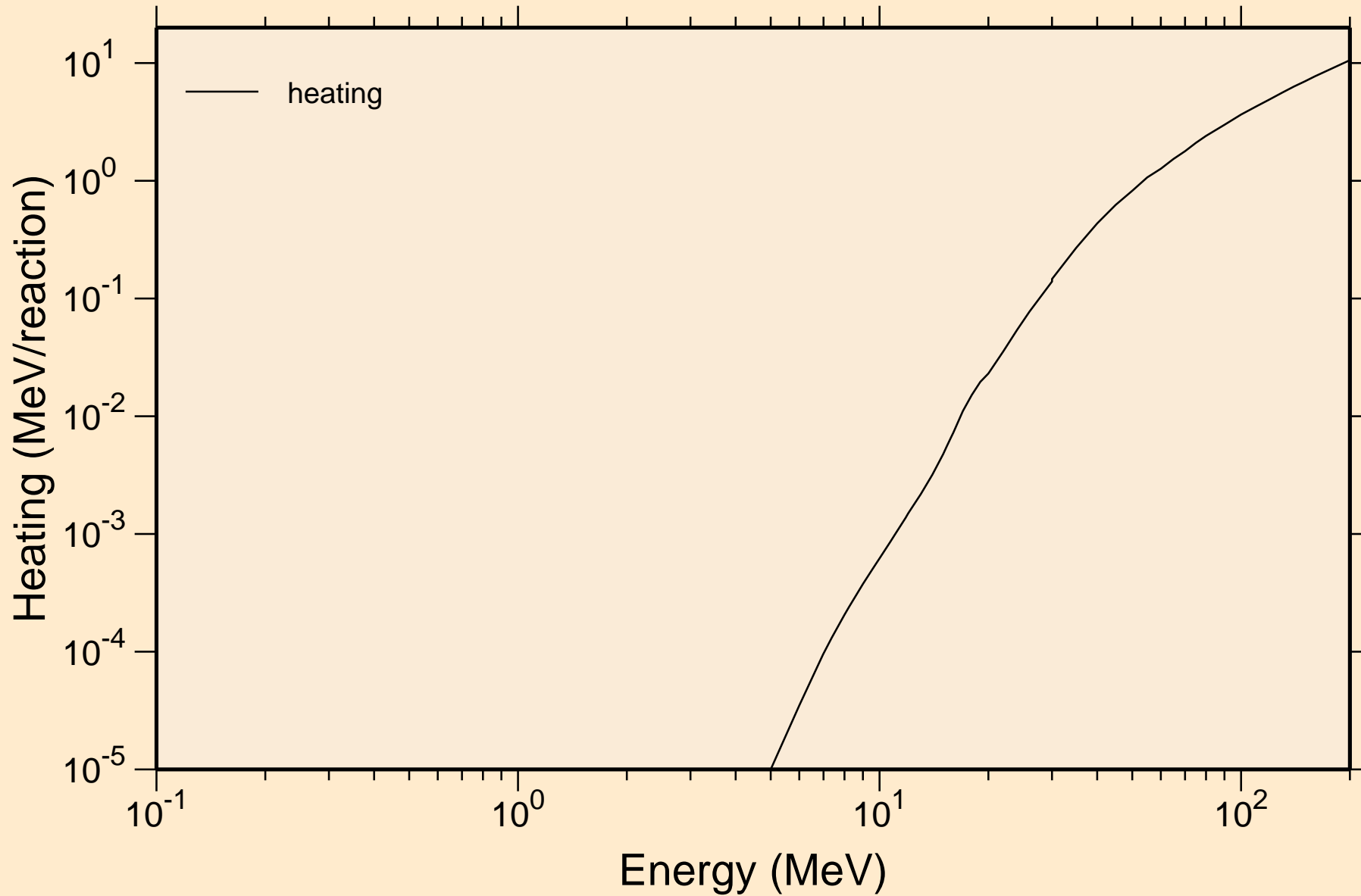


RU112 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections

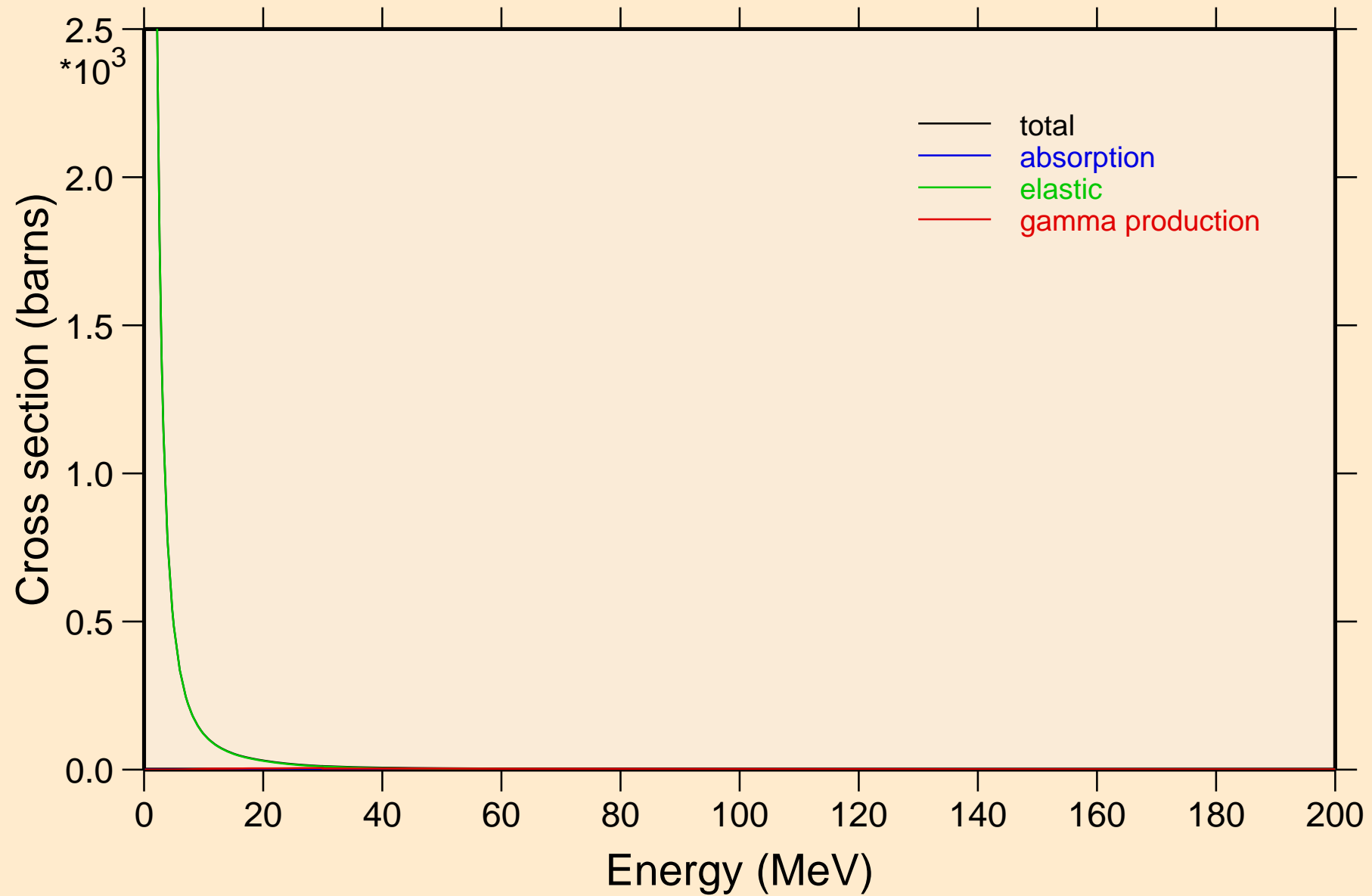


RU112 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Heating



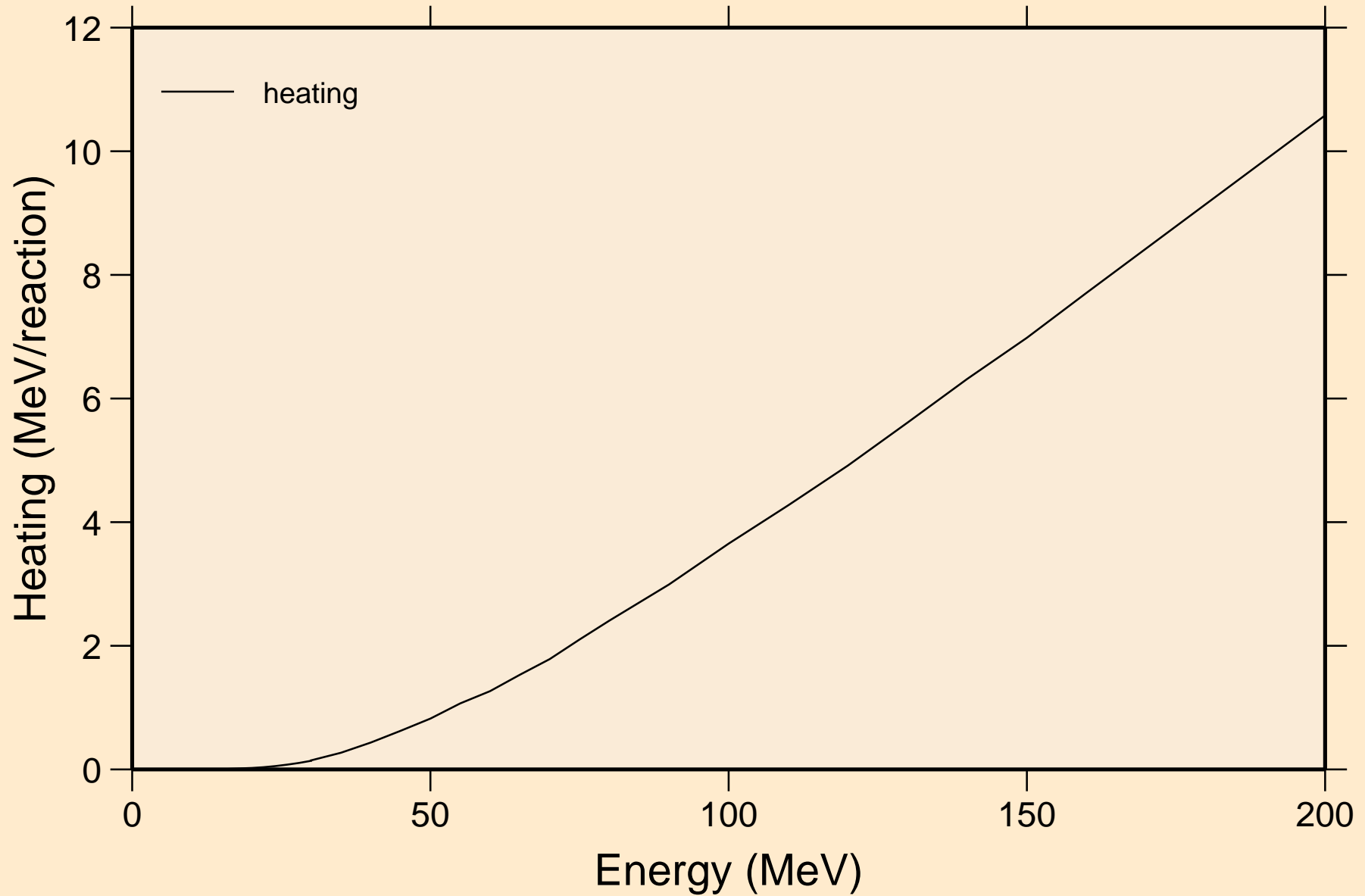
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## Principal cross sections

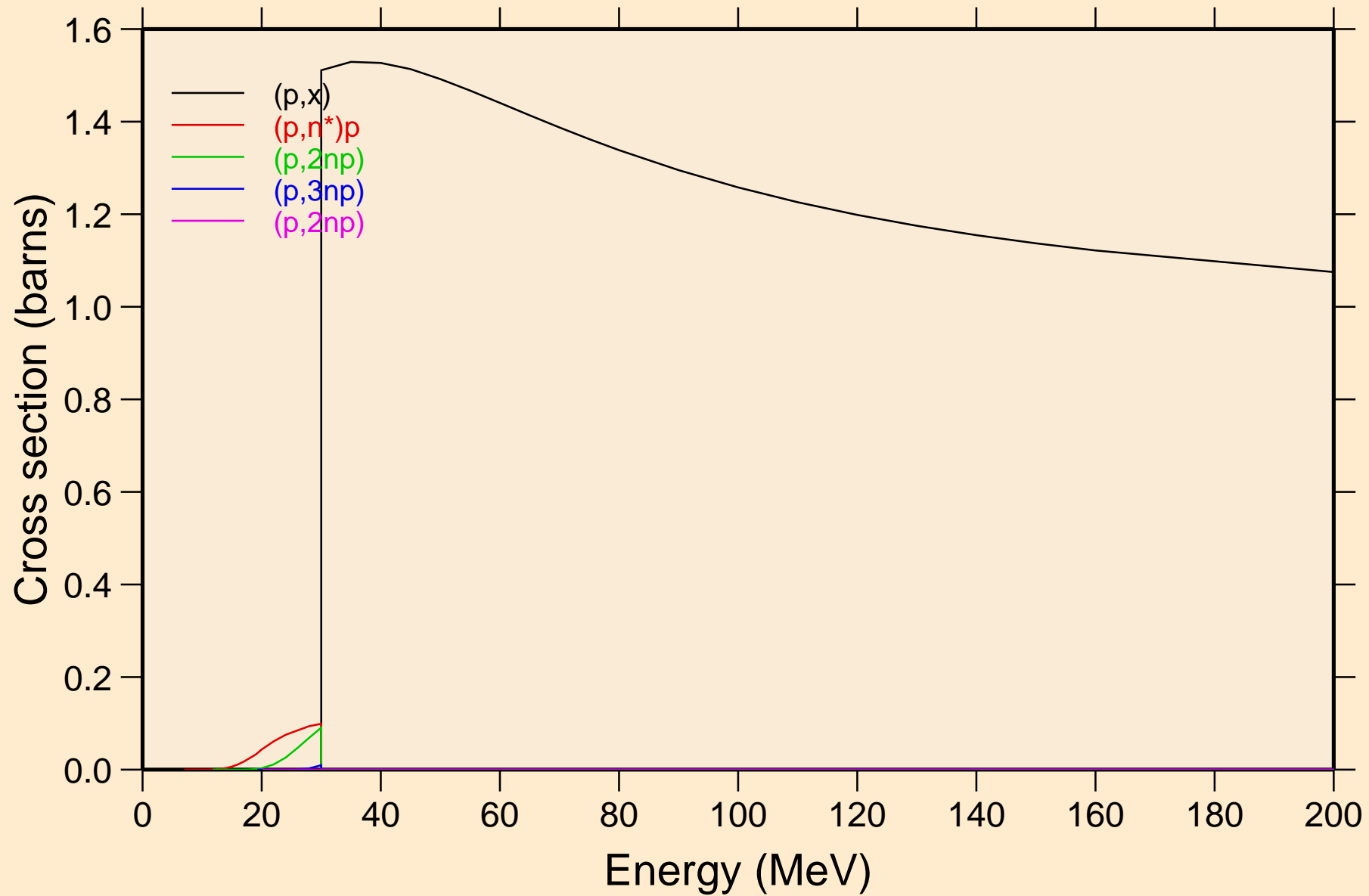


RU112 PROTON ACER TENDL-2021 LIBRARY; T=0.K

Heating

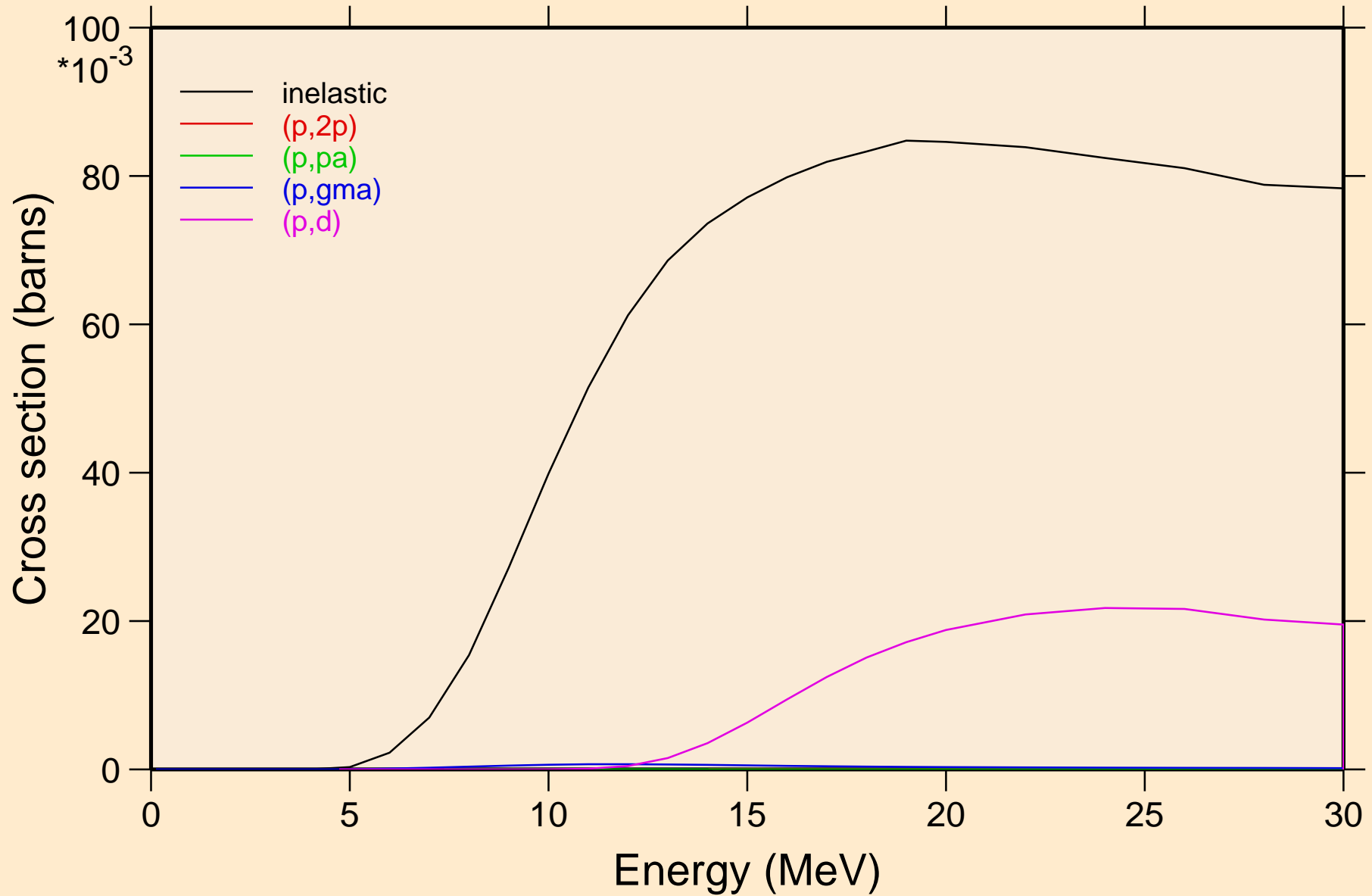


RU112 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

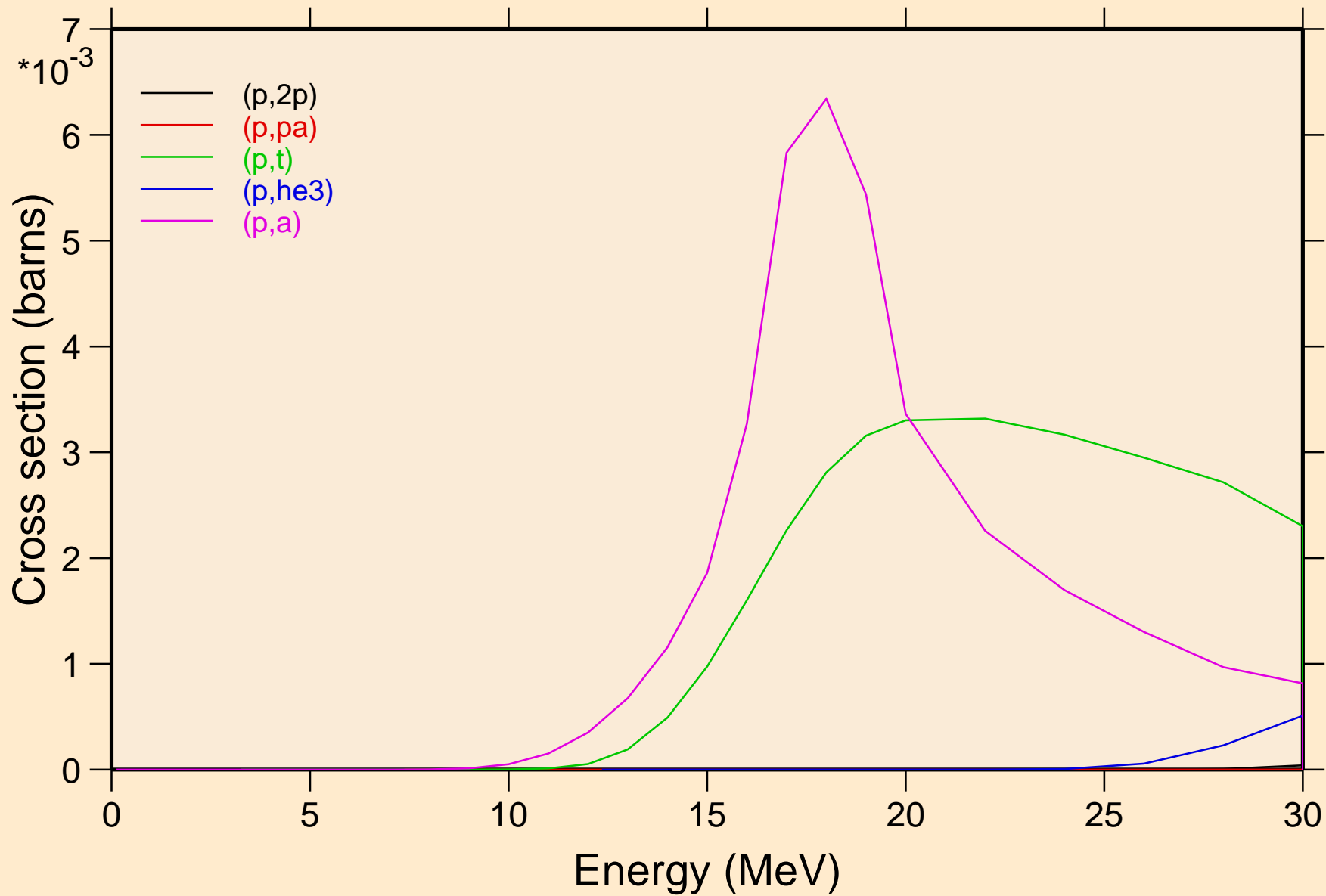


# RU112 PROTON ACER TENDL-2021 LIBRARY; T=0.K

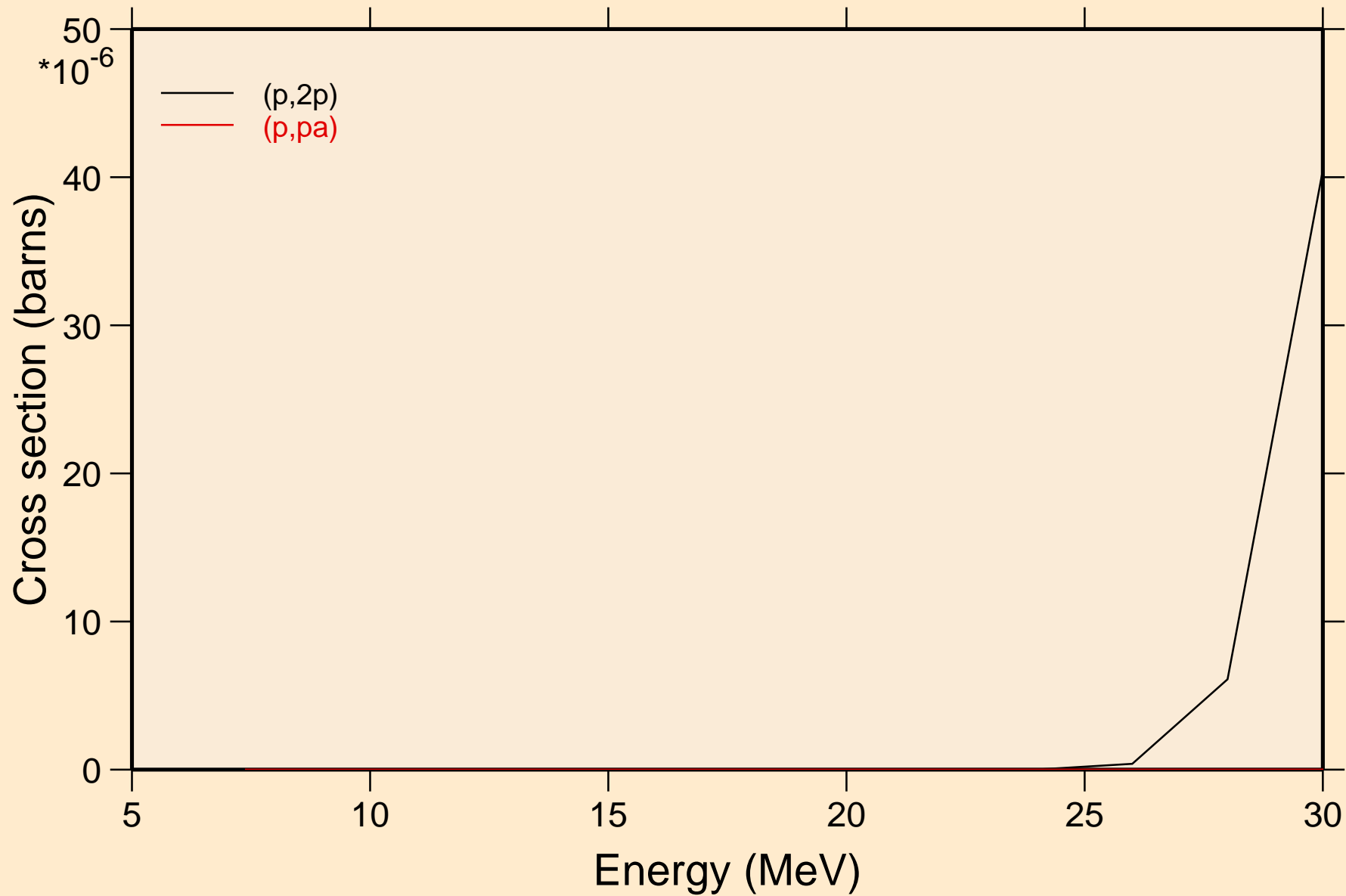
## Threshold reactions



RU112 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

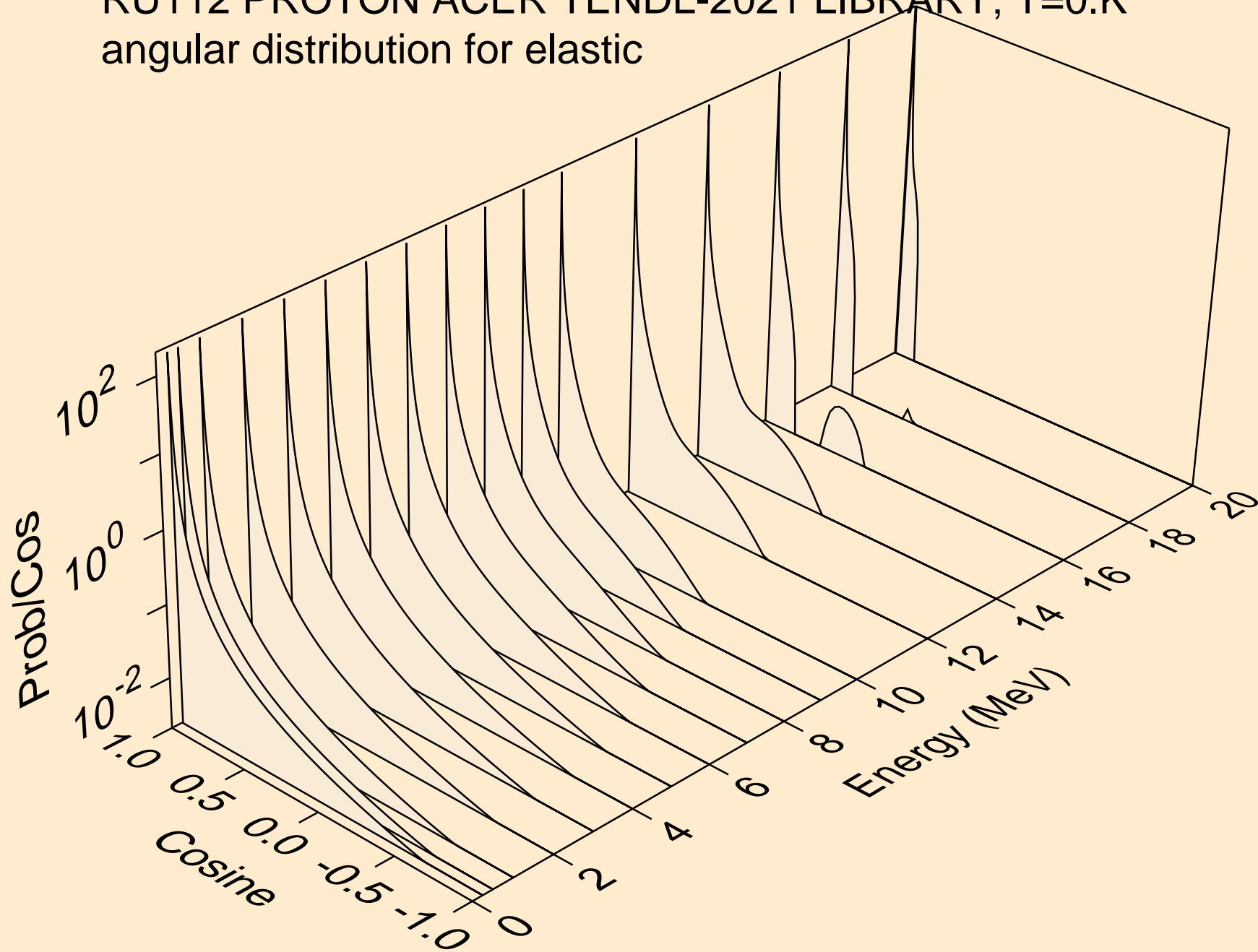


RU112 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

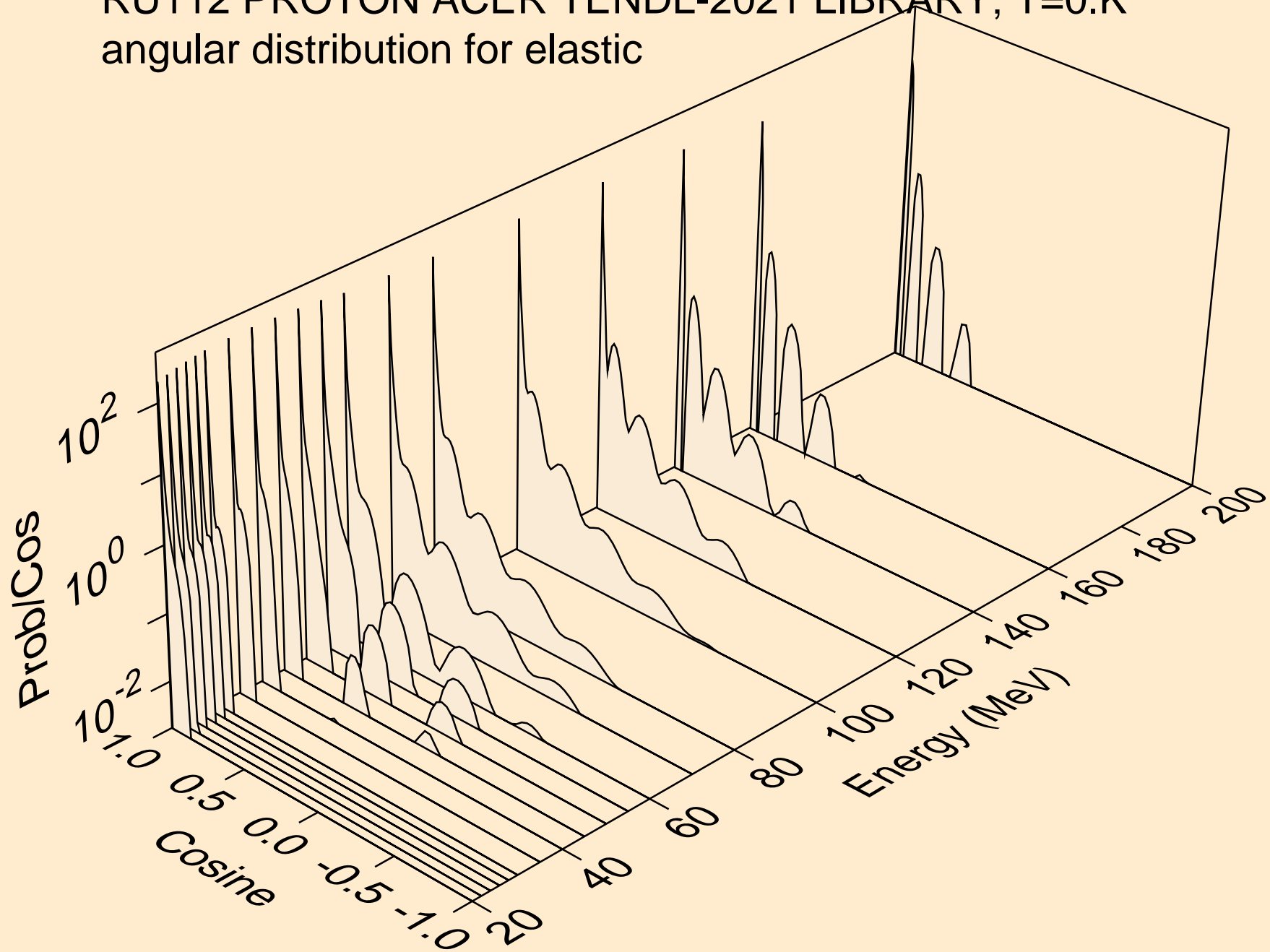




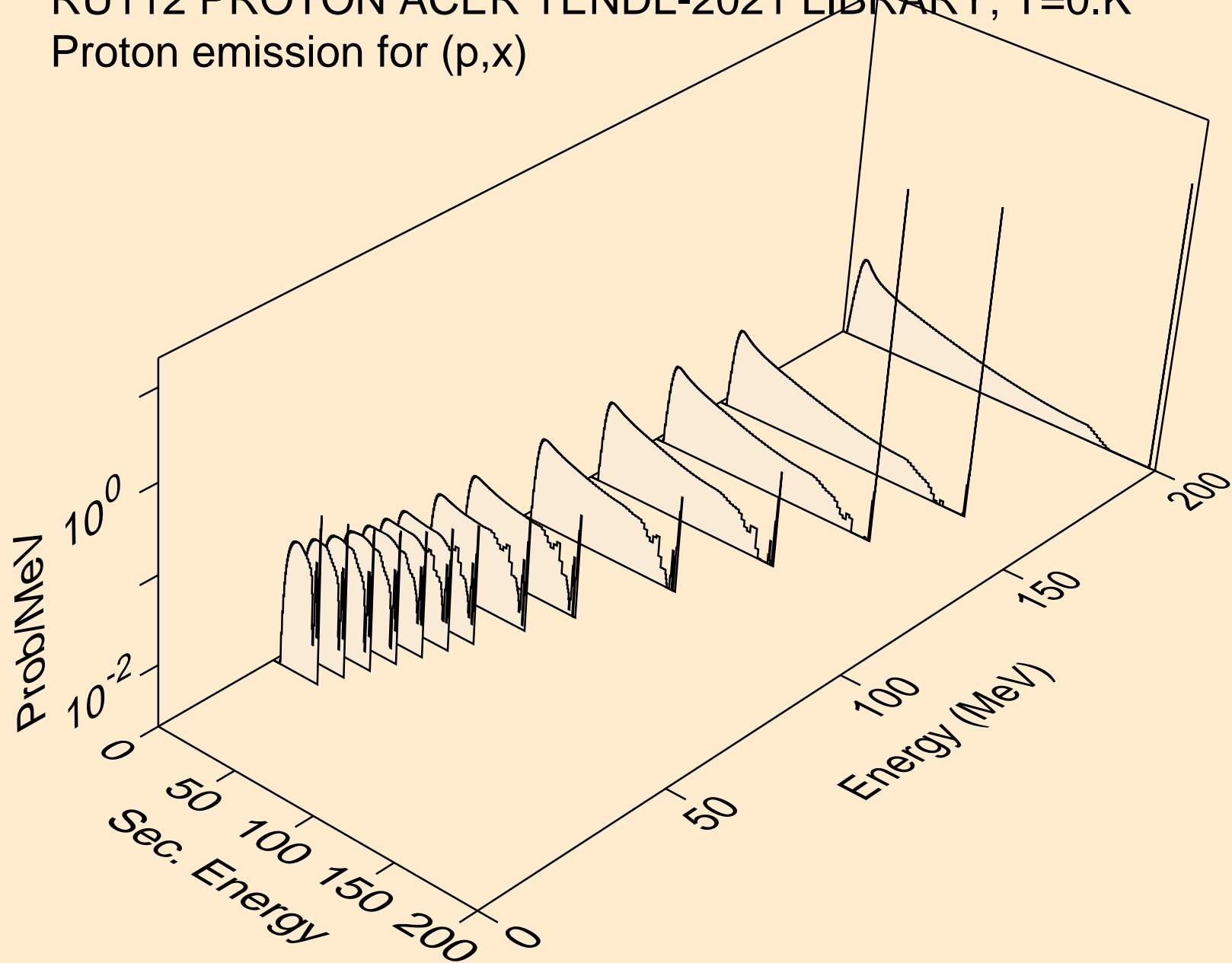
RU112 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



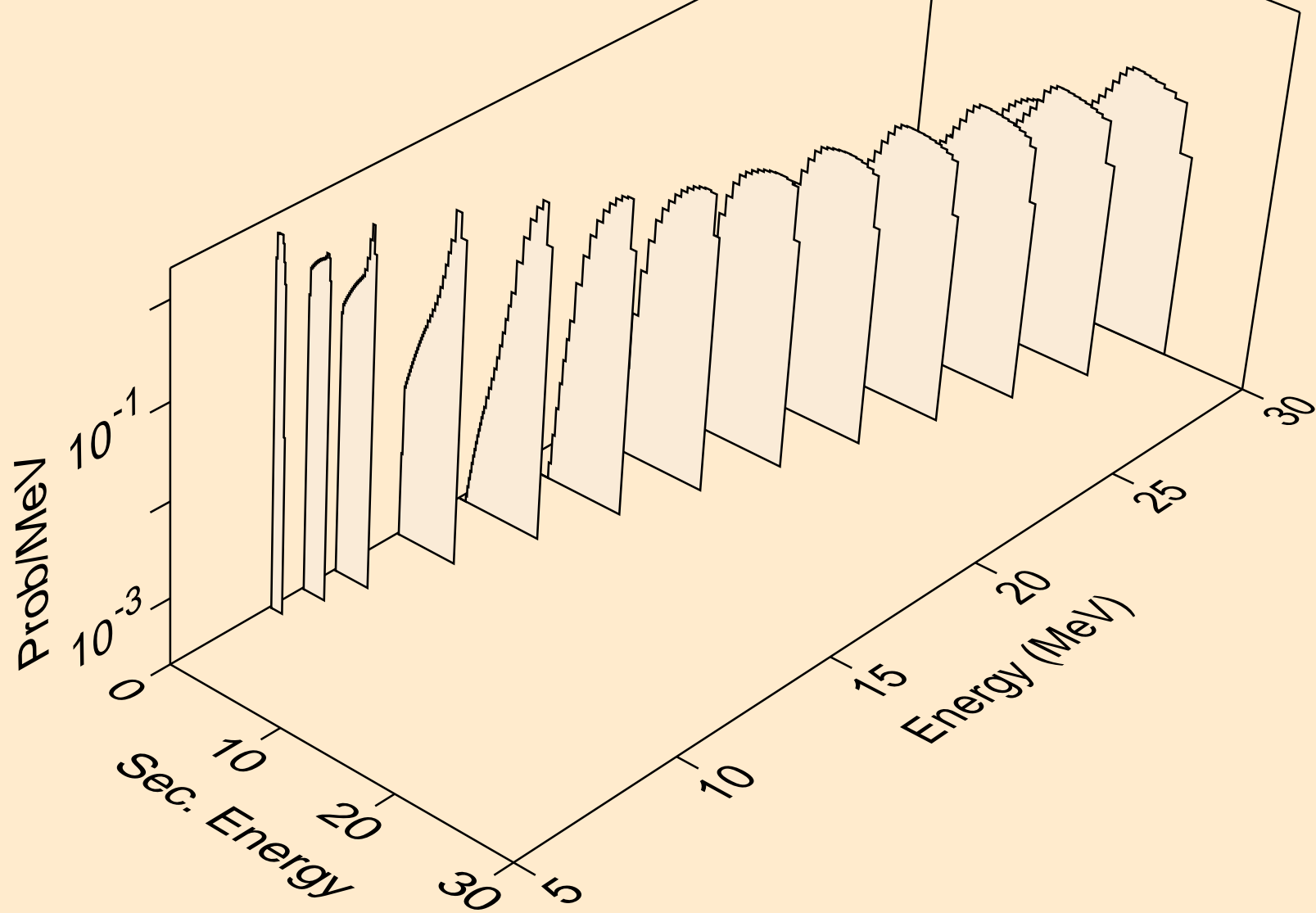
RU112 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



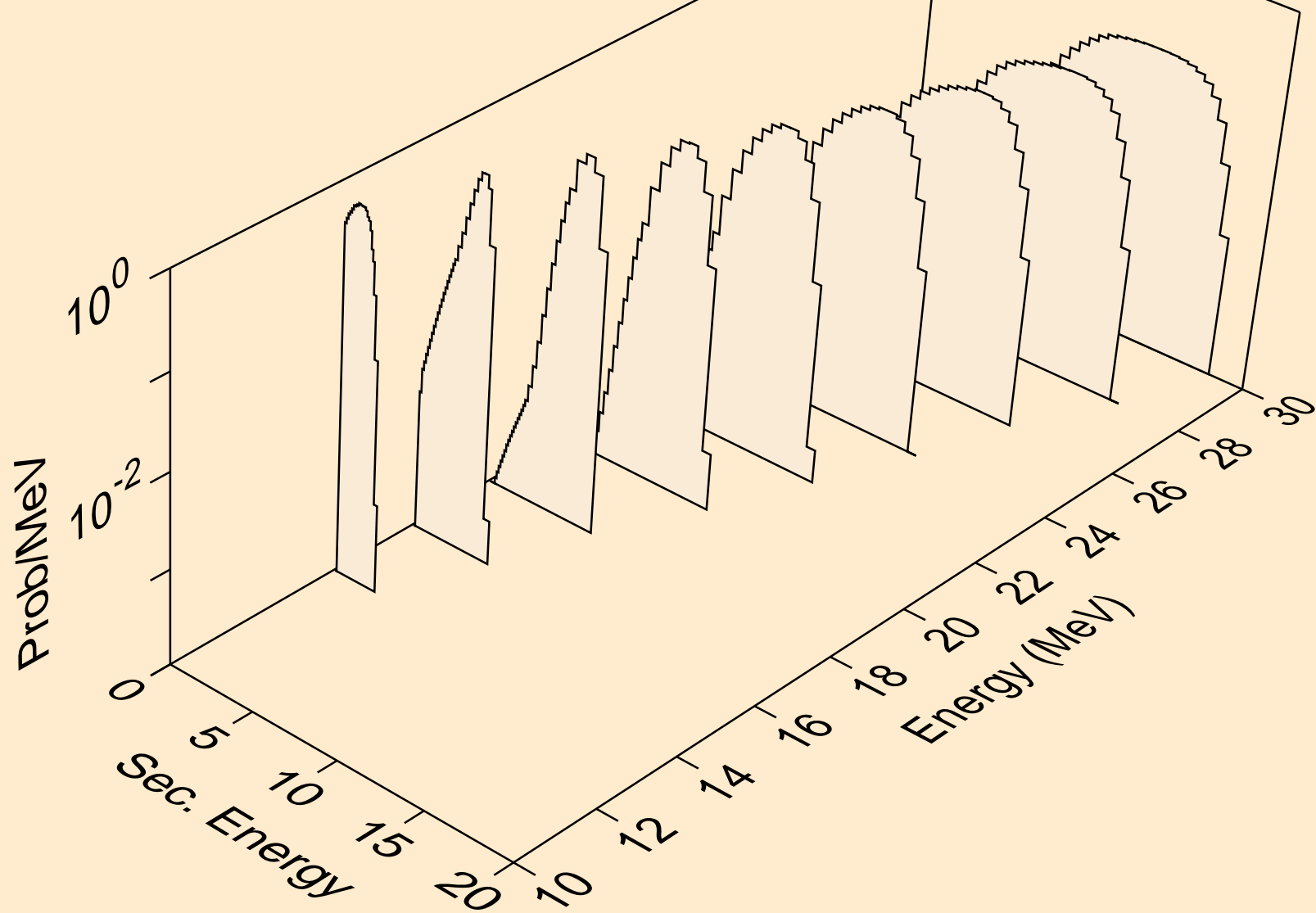
RU112 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,x)



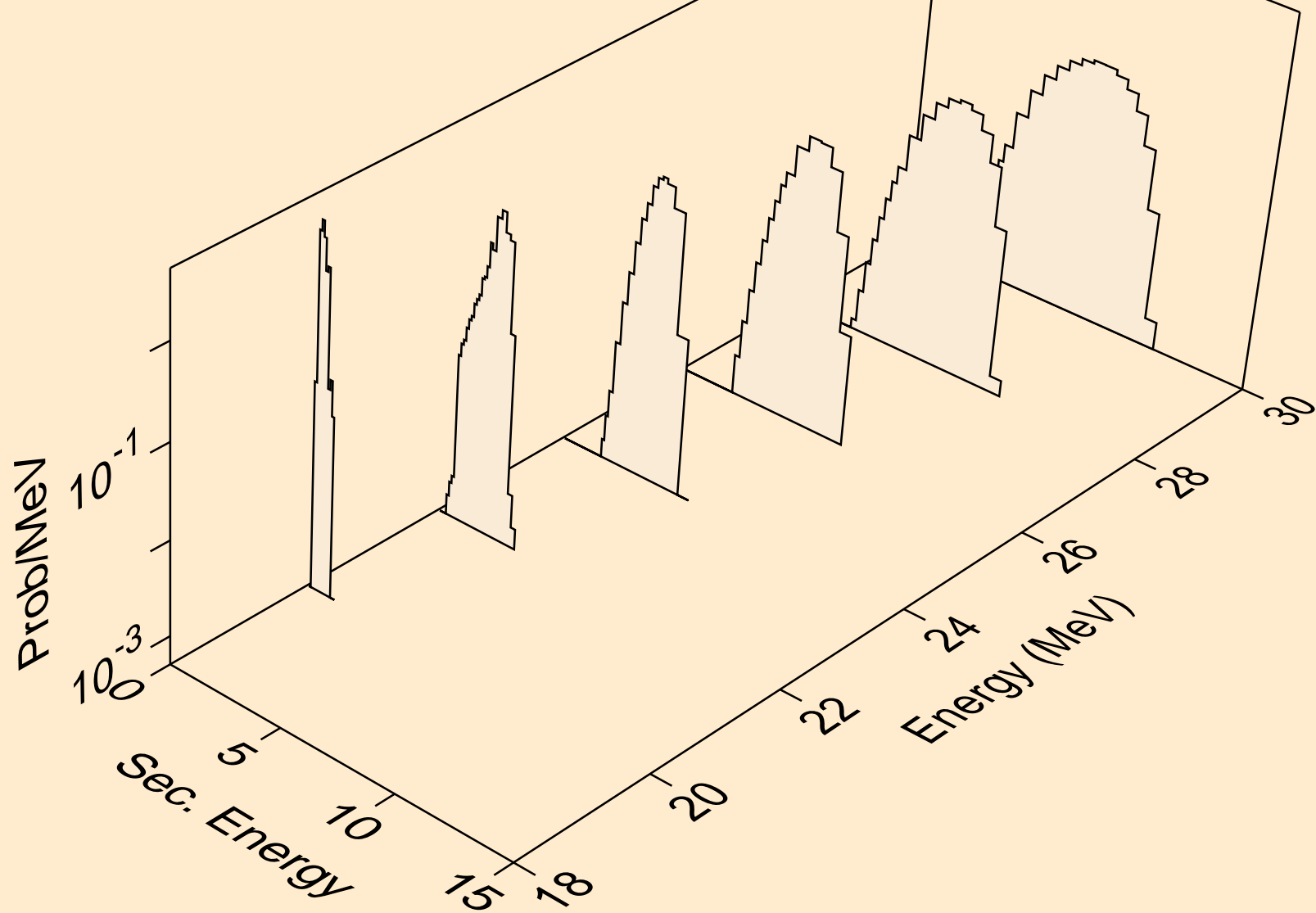
RU112 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



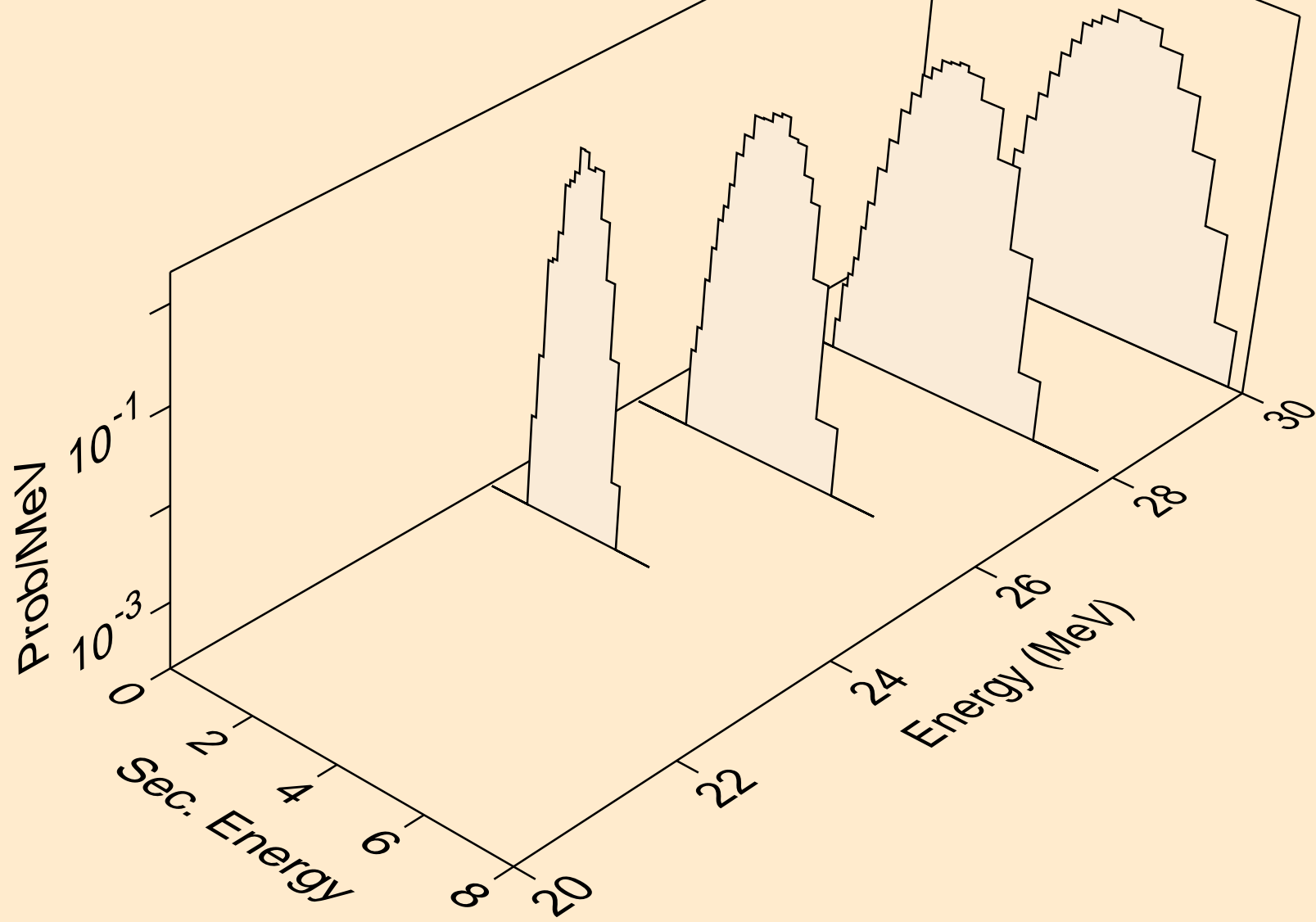
RU112 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2np)



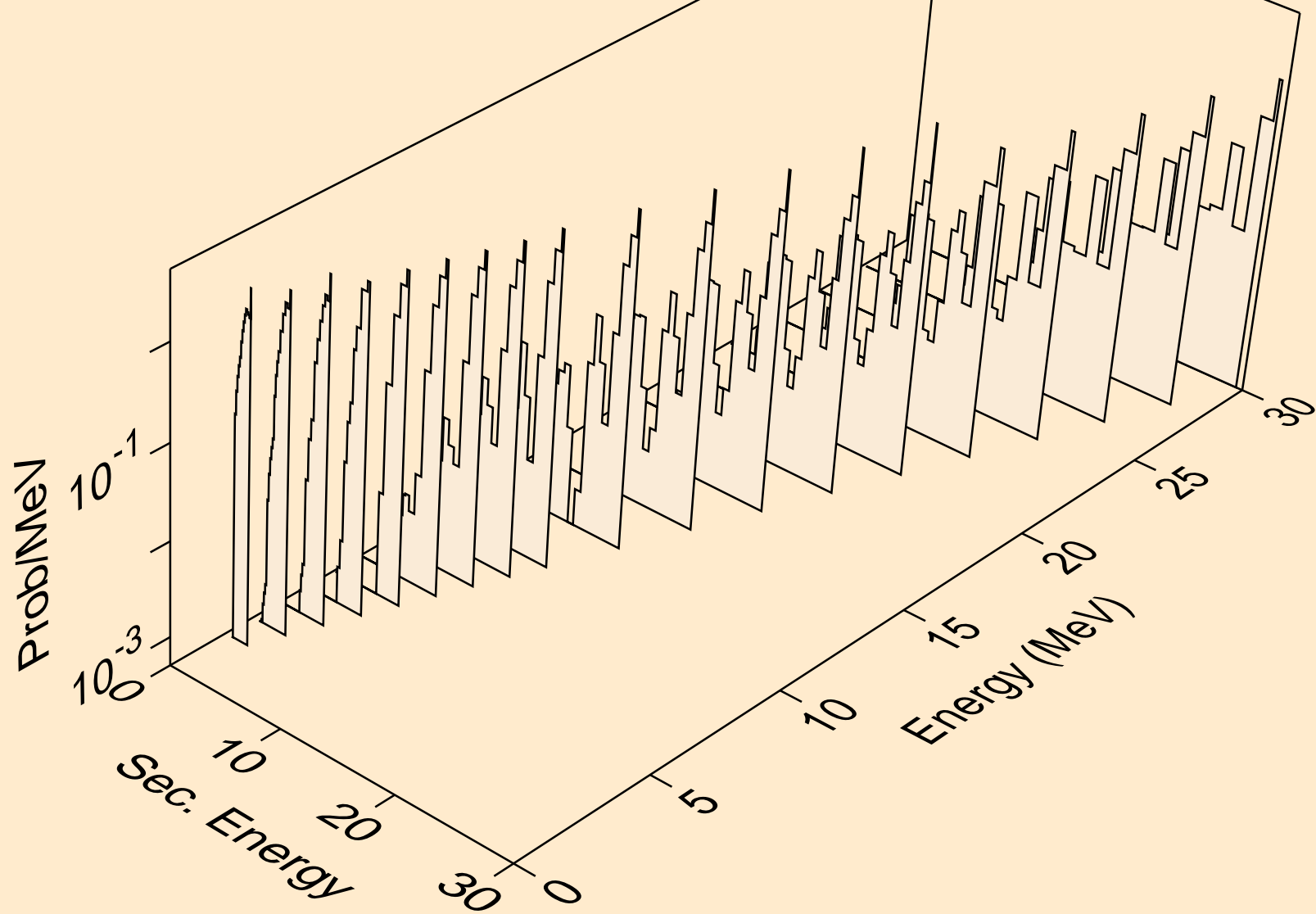
RU112 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,3np)



RU112 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2np)

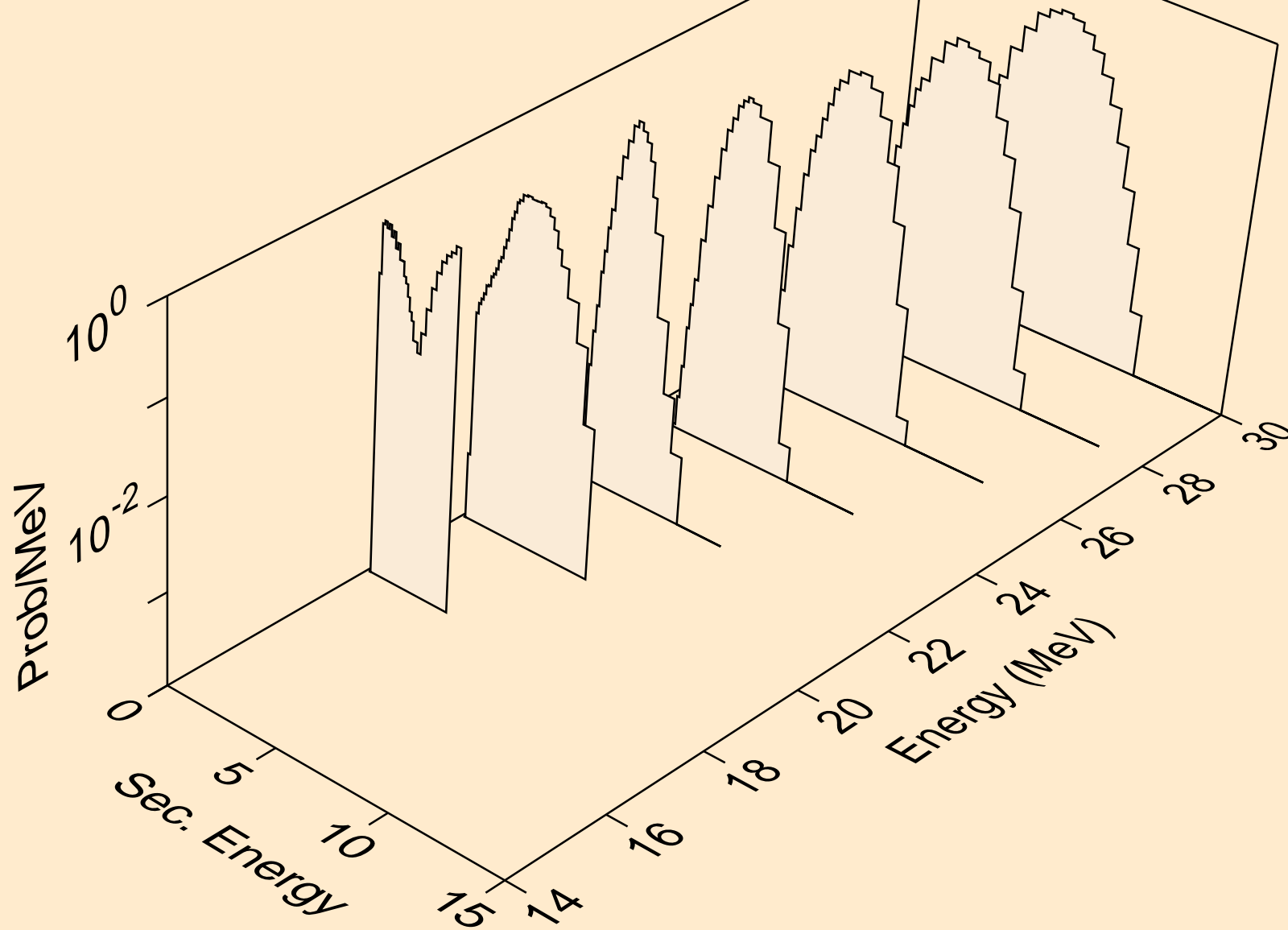


RU112 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for inelastic

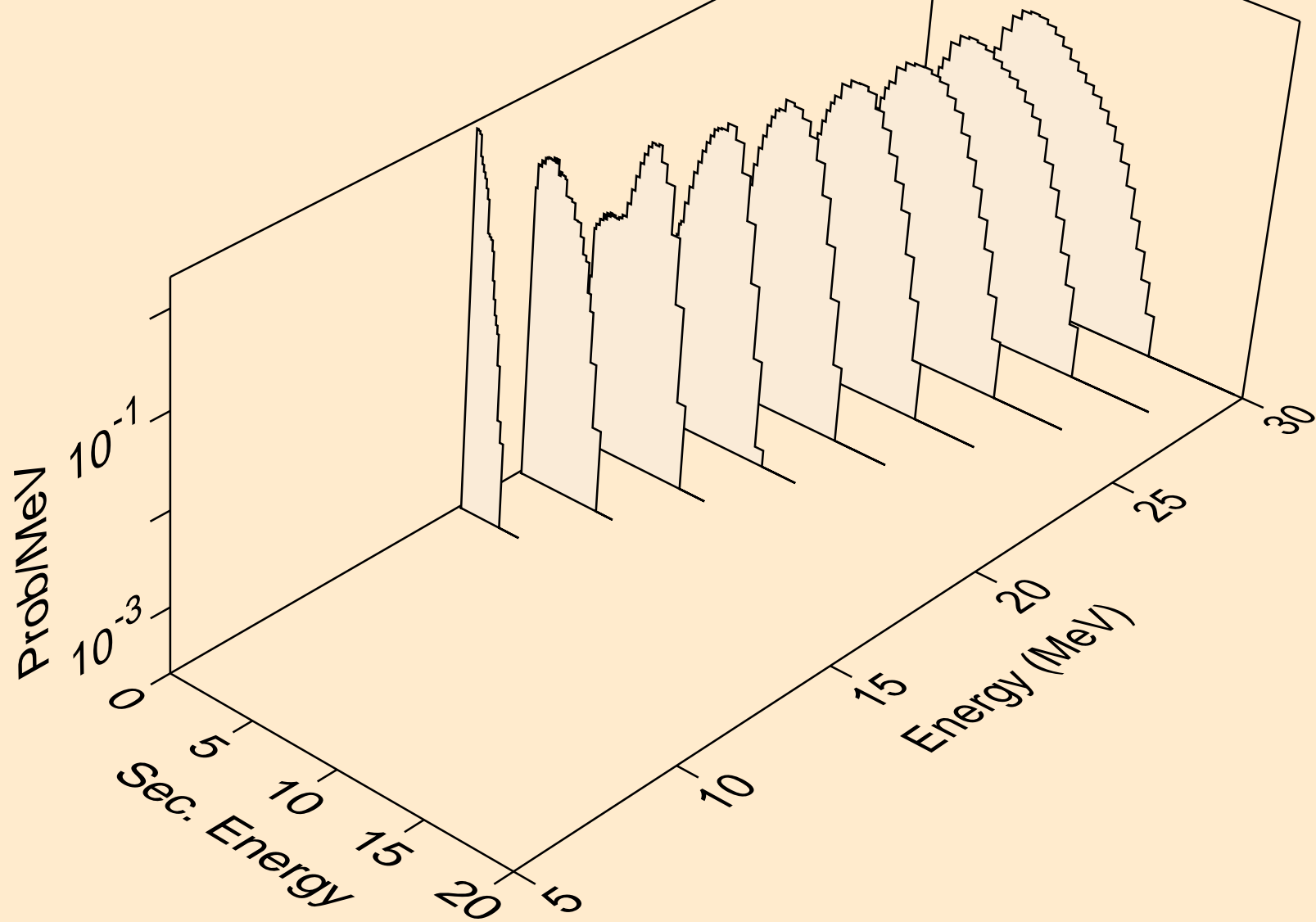




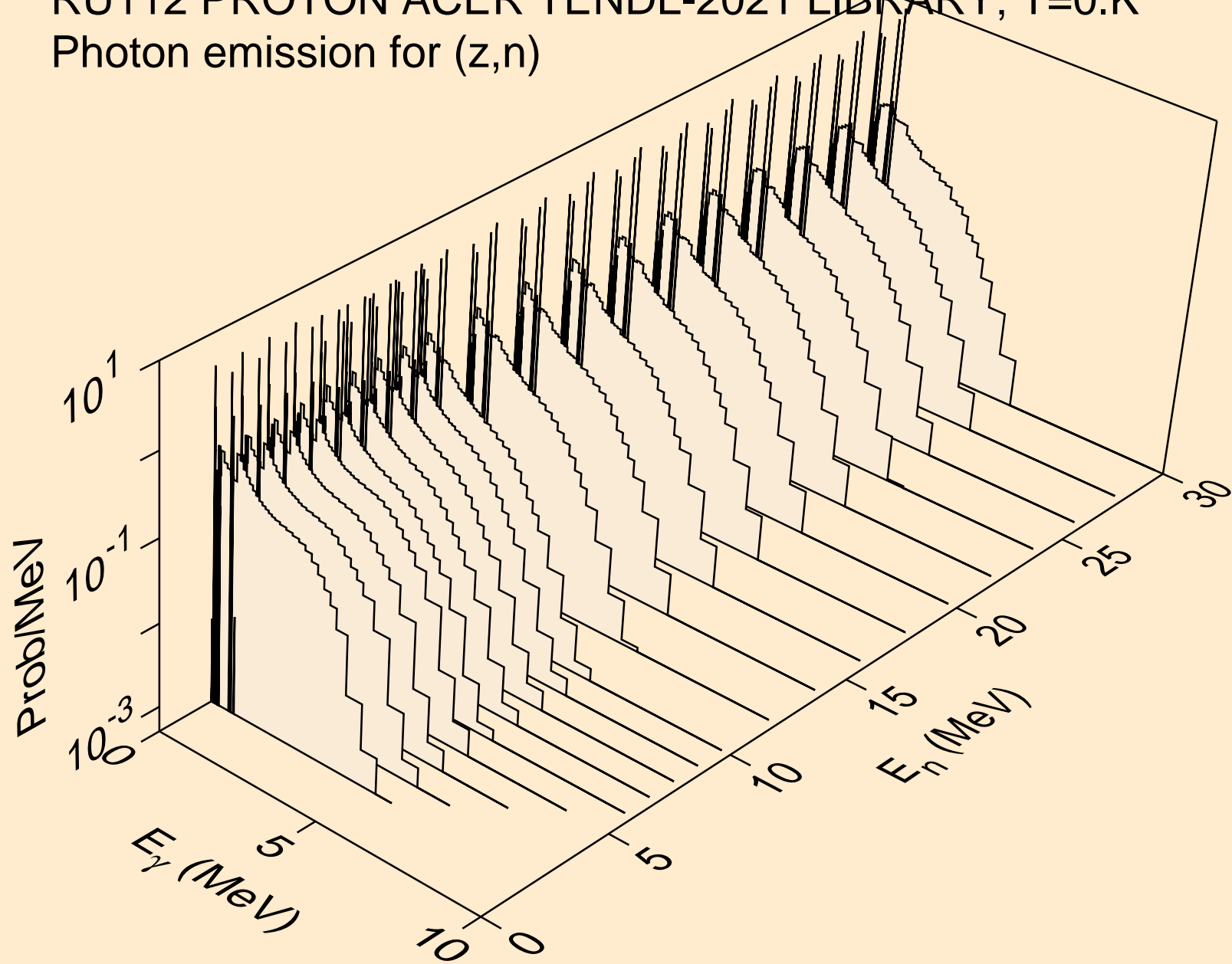
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Proton emission for (p,2p)



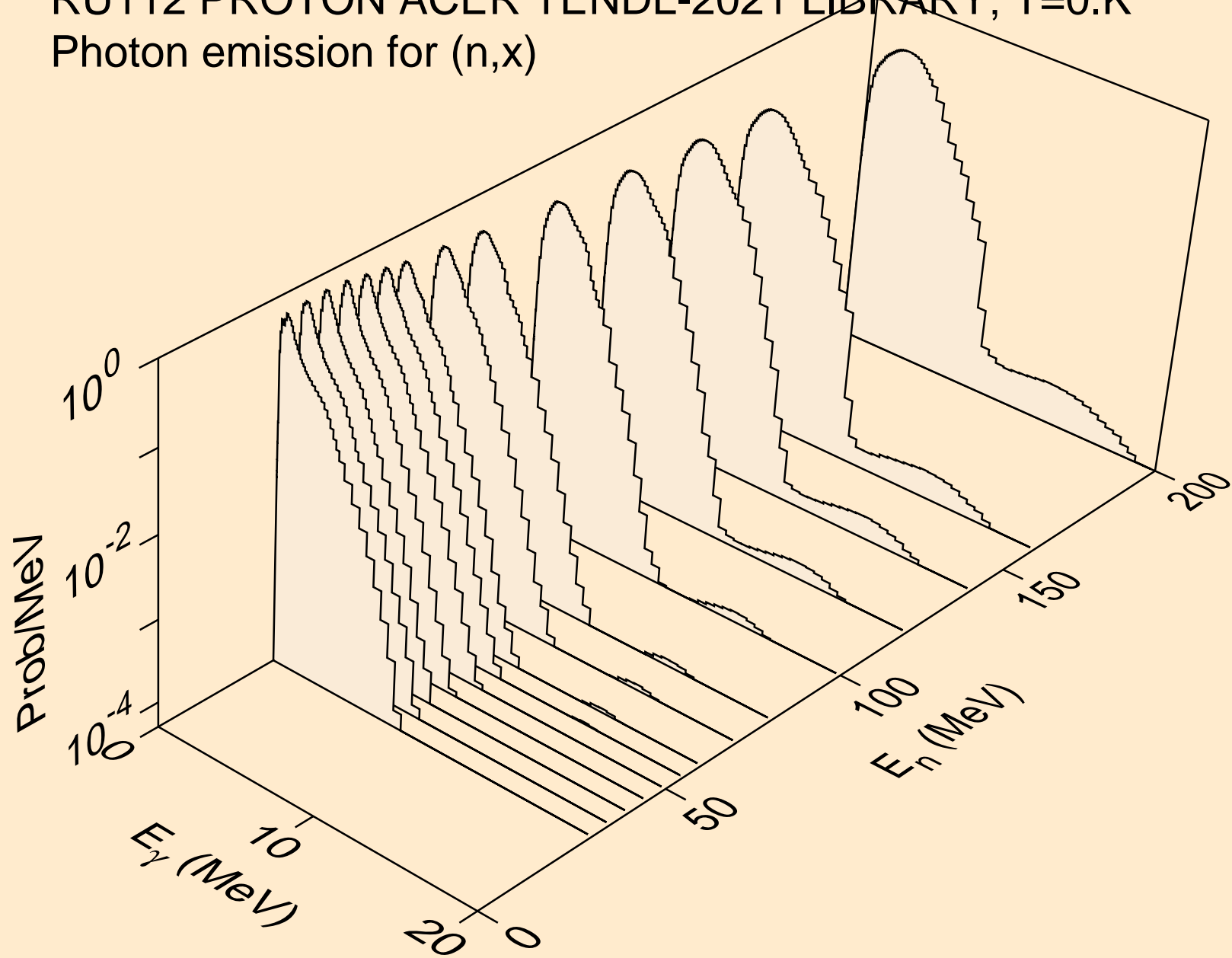
RU112 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,pa)



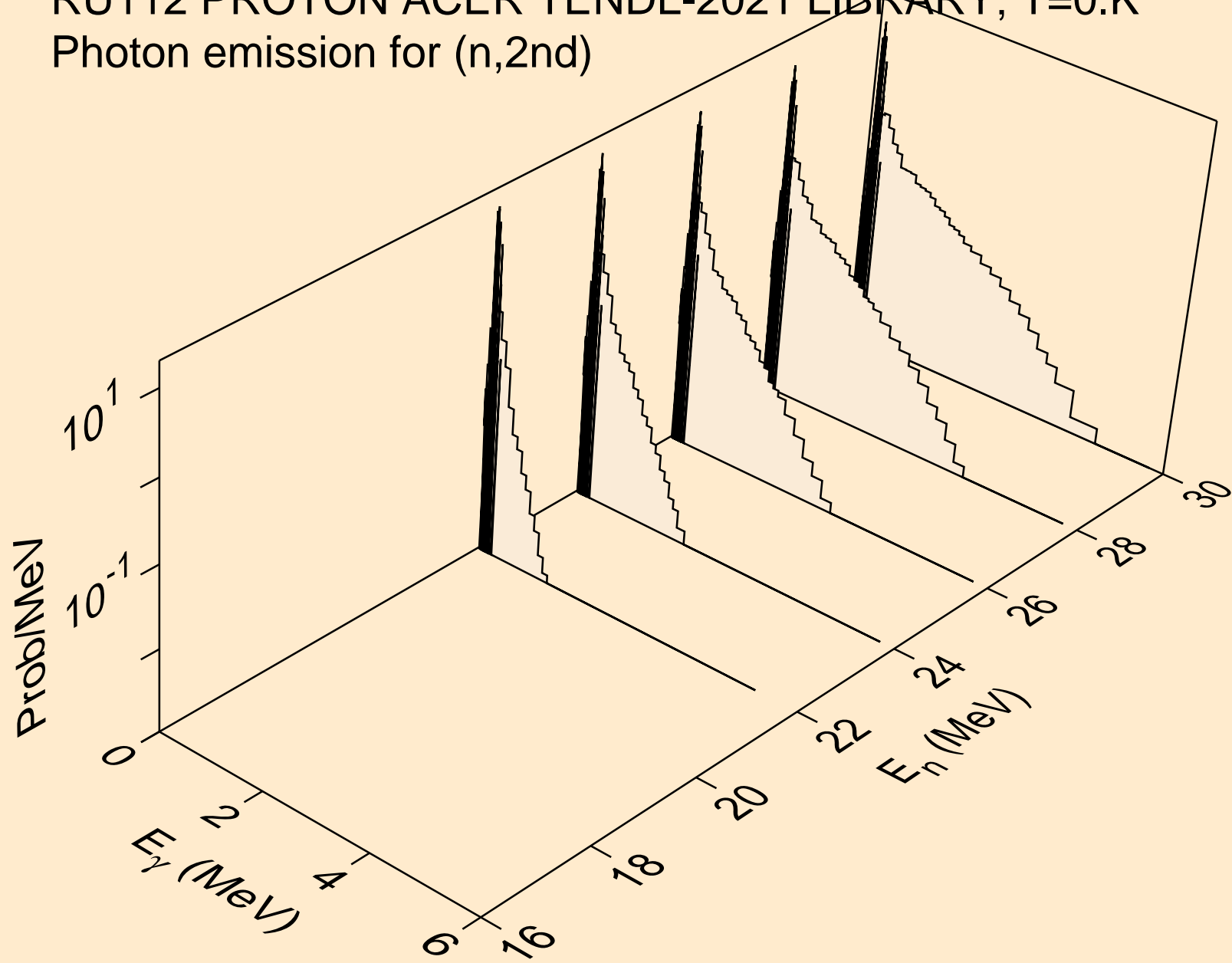
RU112 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



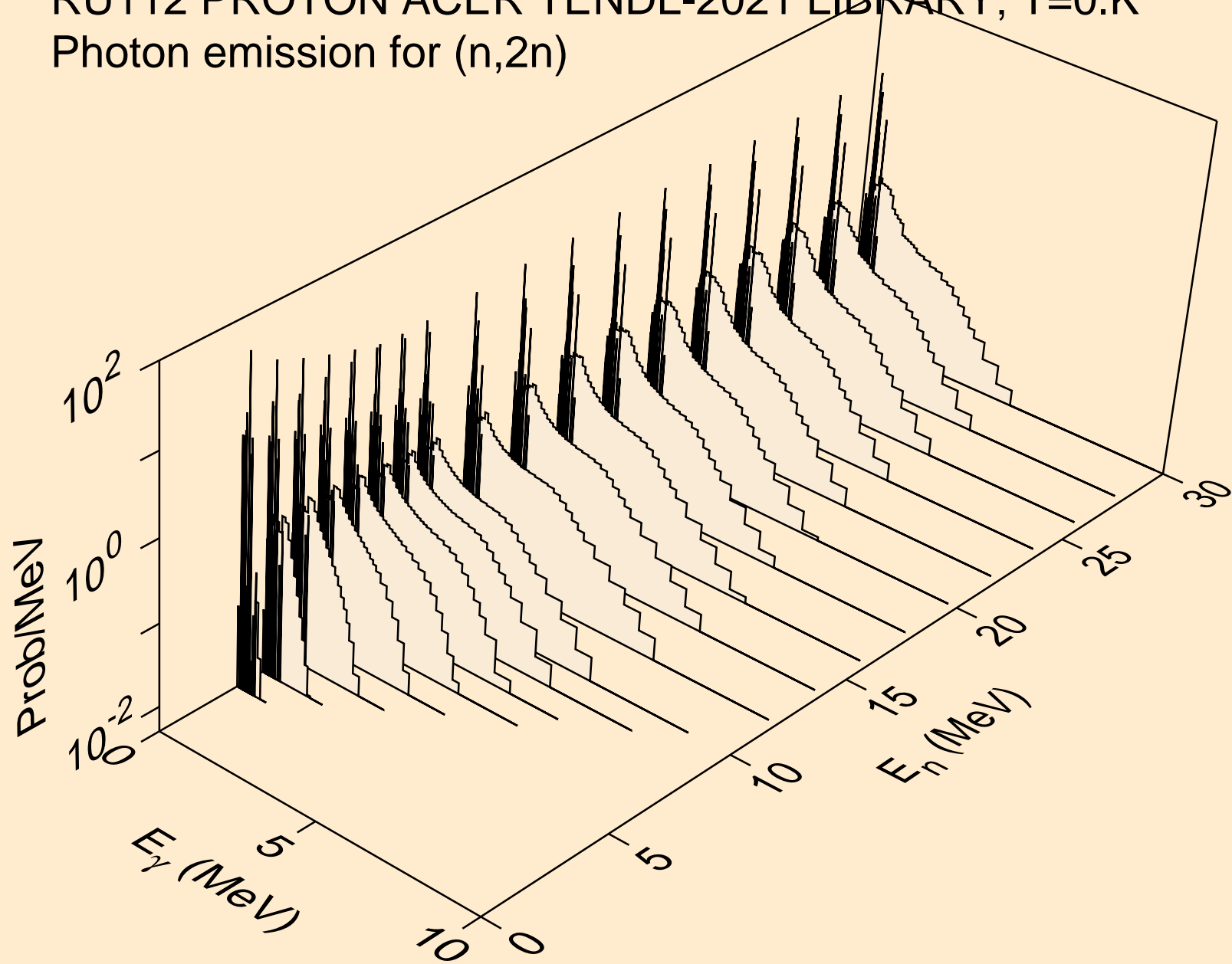
RU112 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



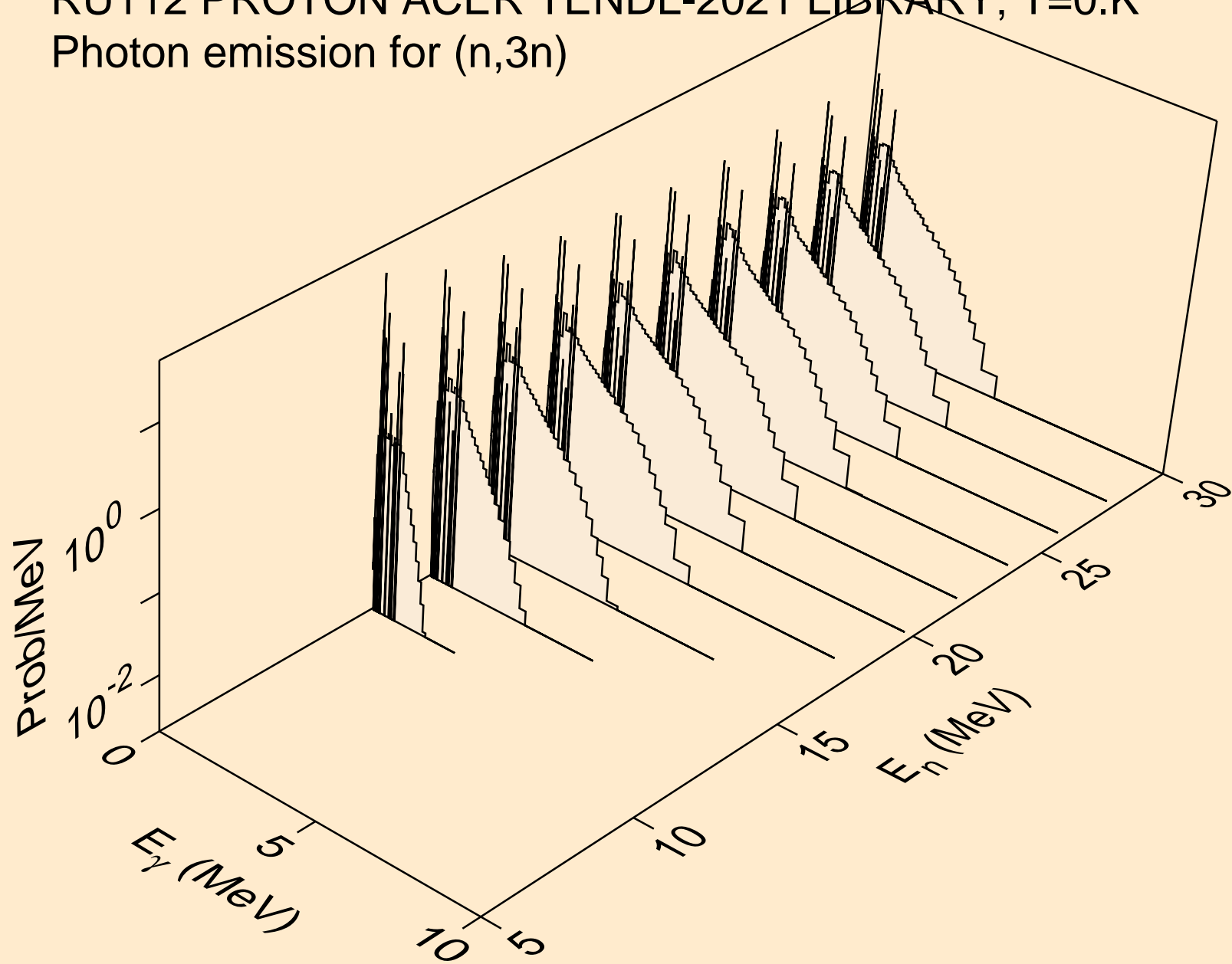
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Photon emission for (n,2nd)



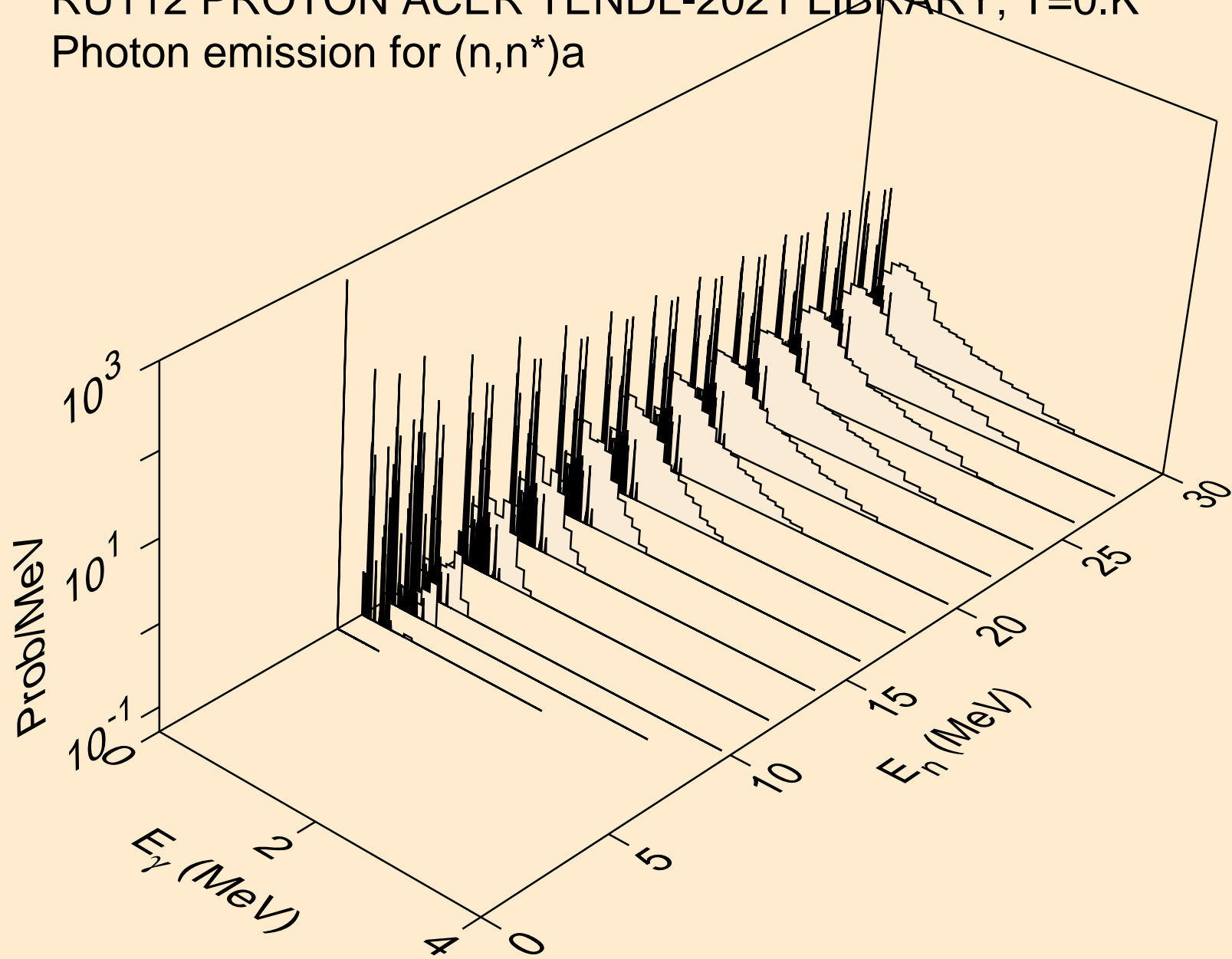
RU112 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



RU112 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)

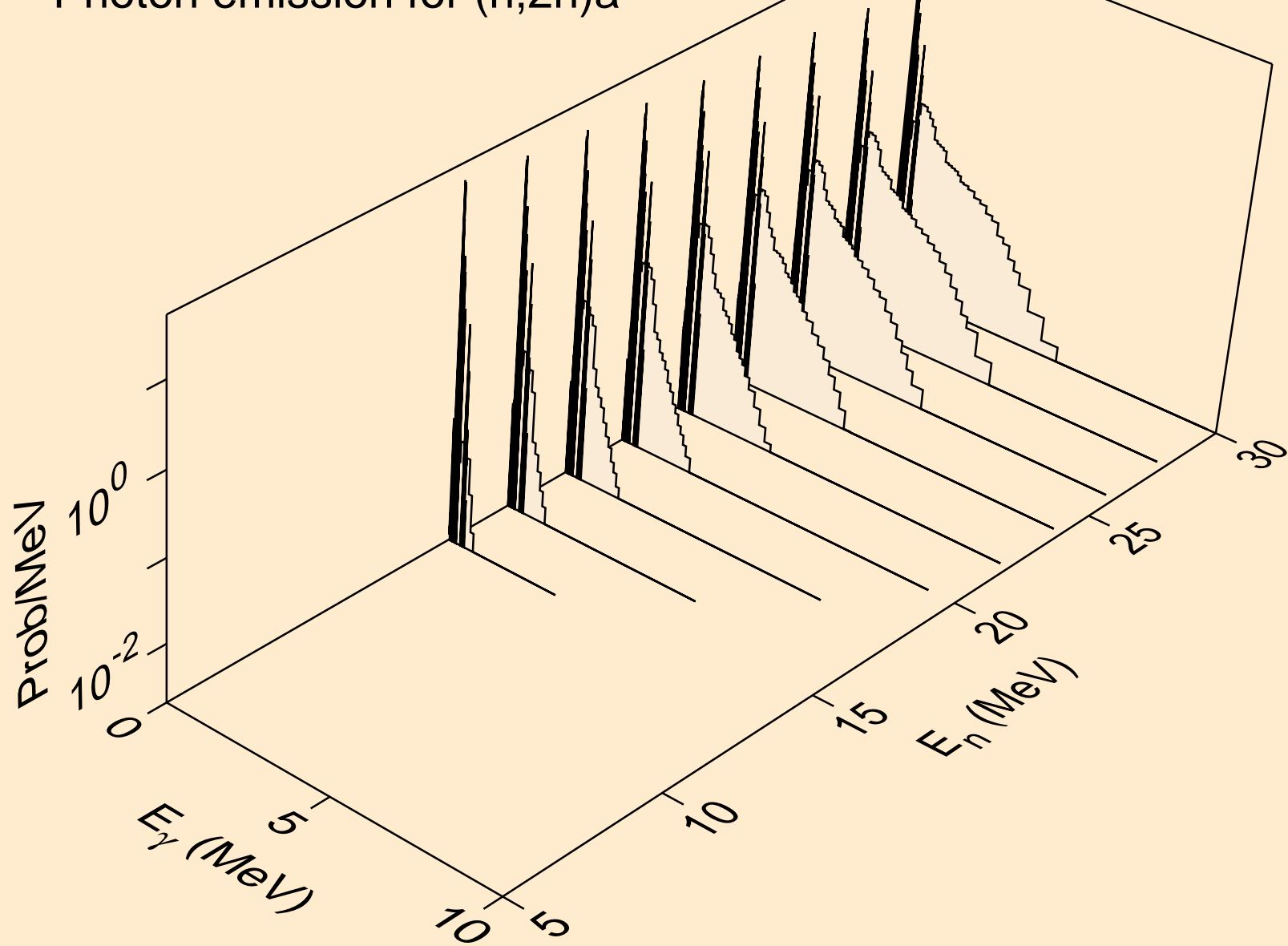


RU112 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

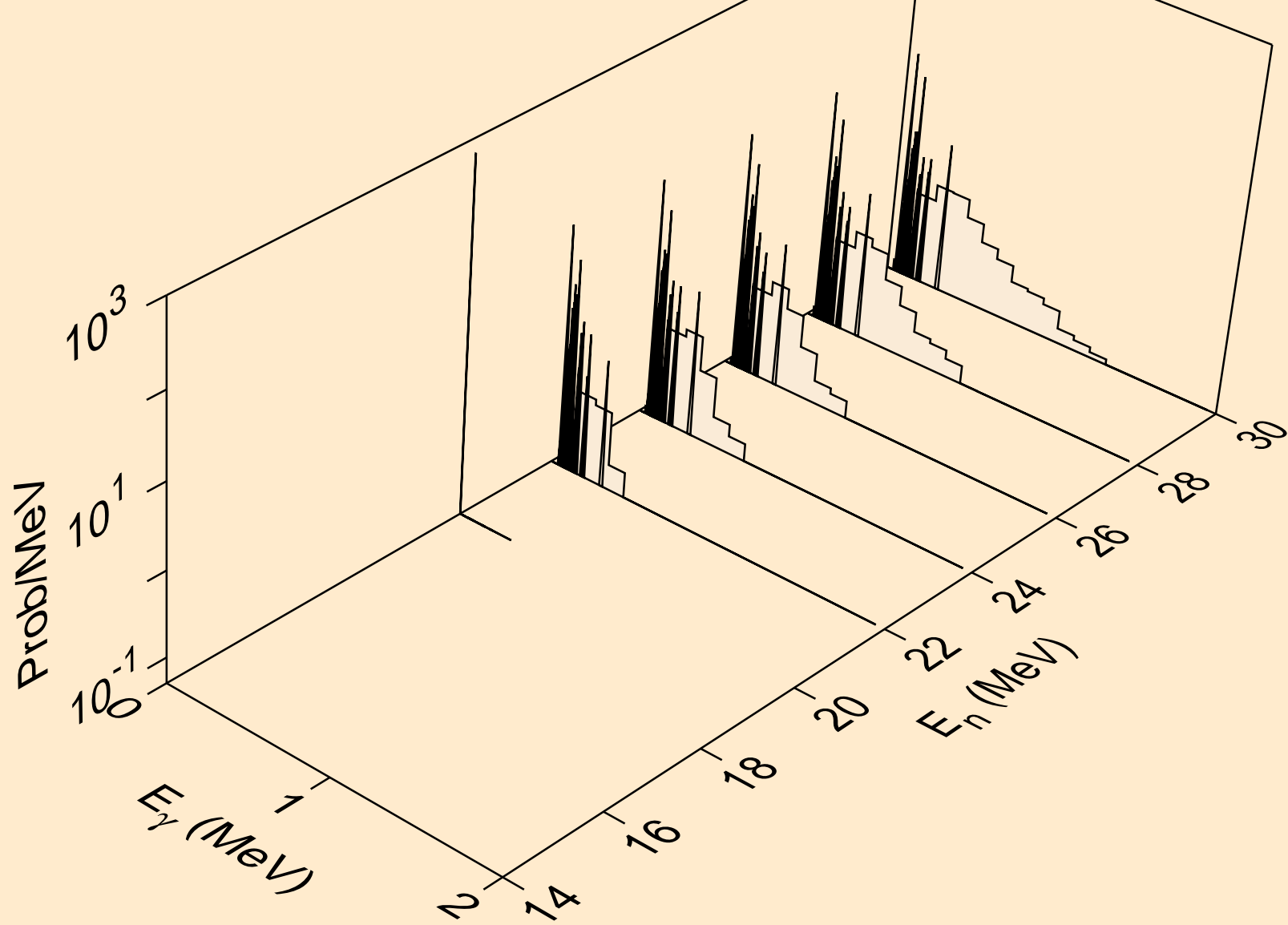




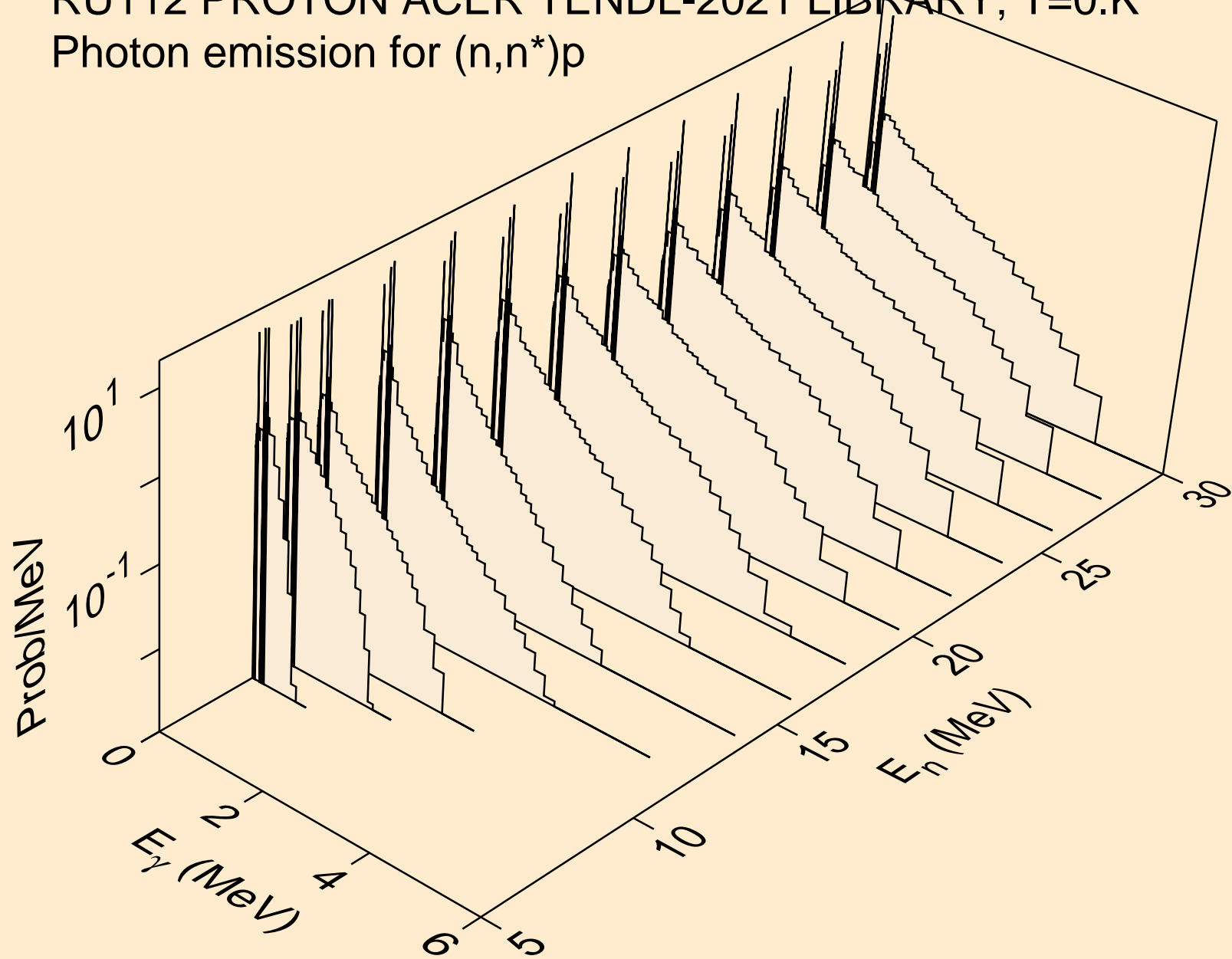
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Photon emission for (n,2n)a



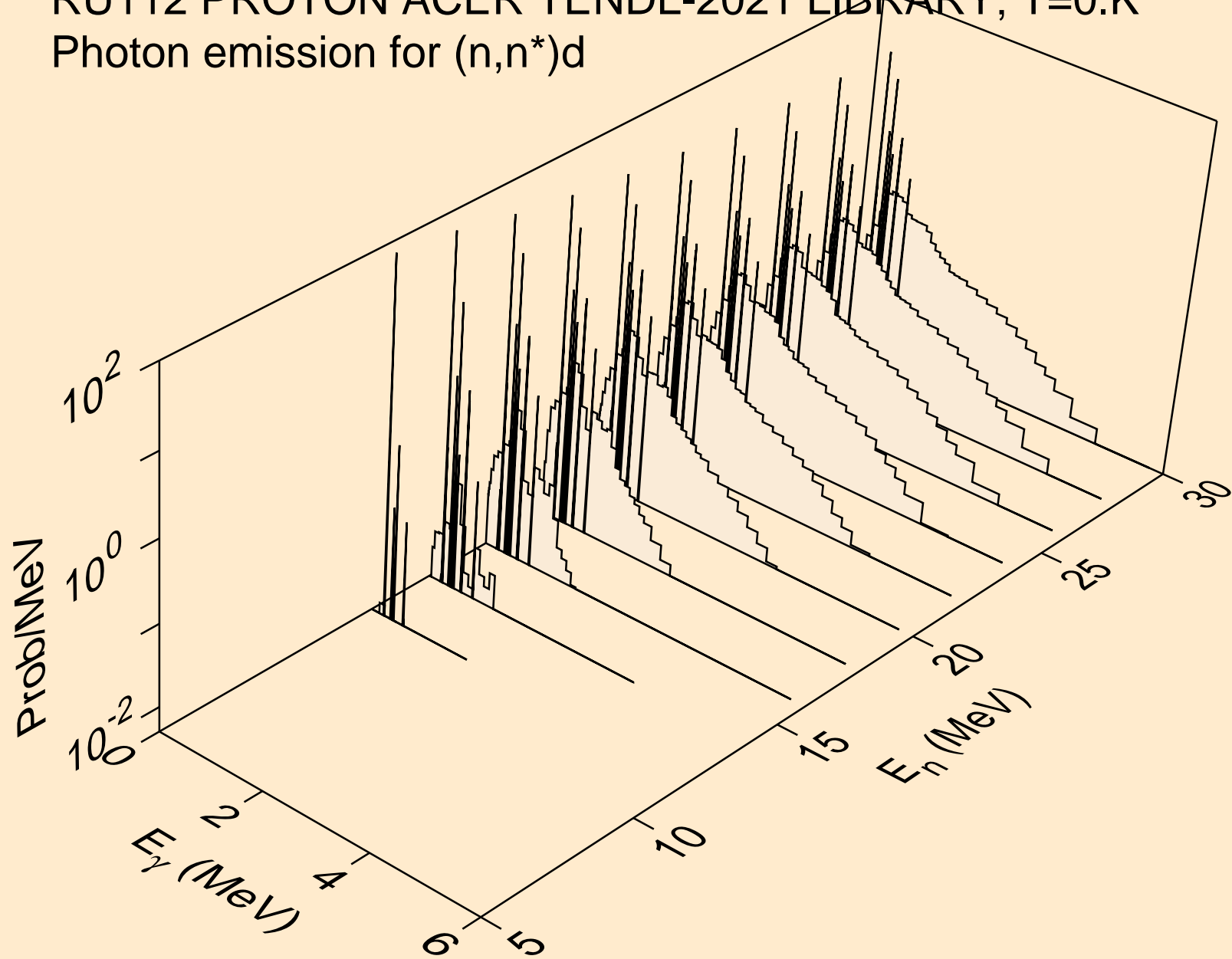
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Photon emission for (n,3n)a



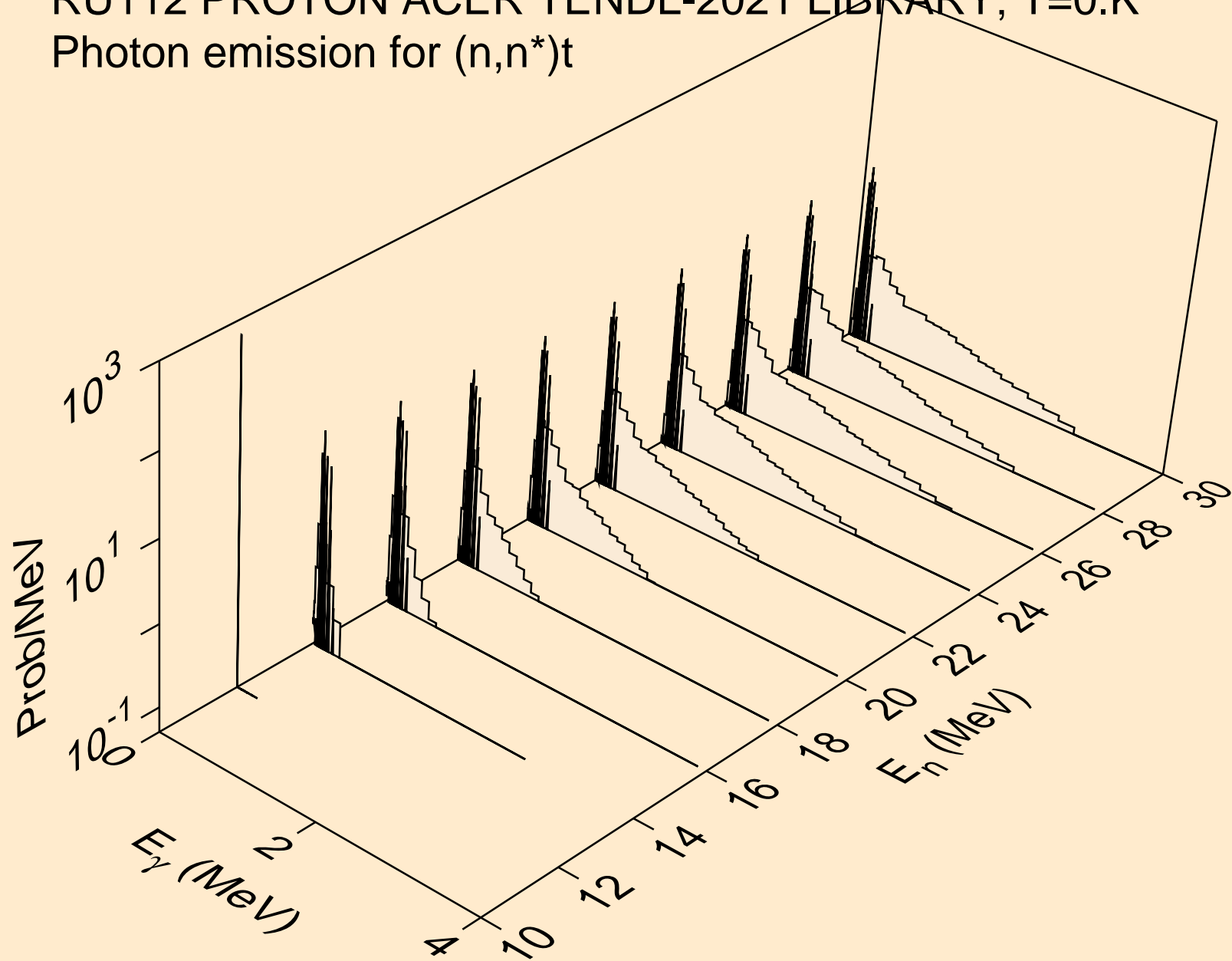
RU112 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



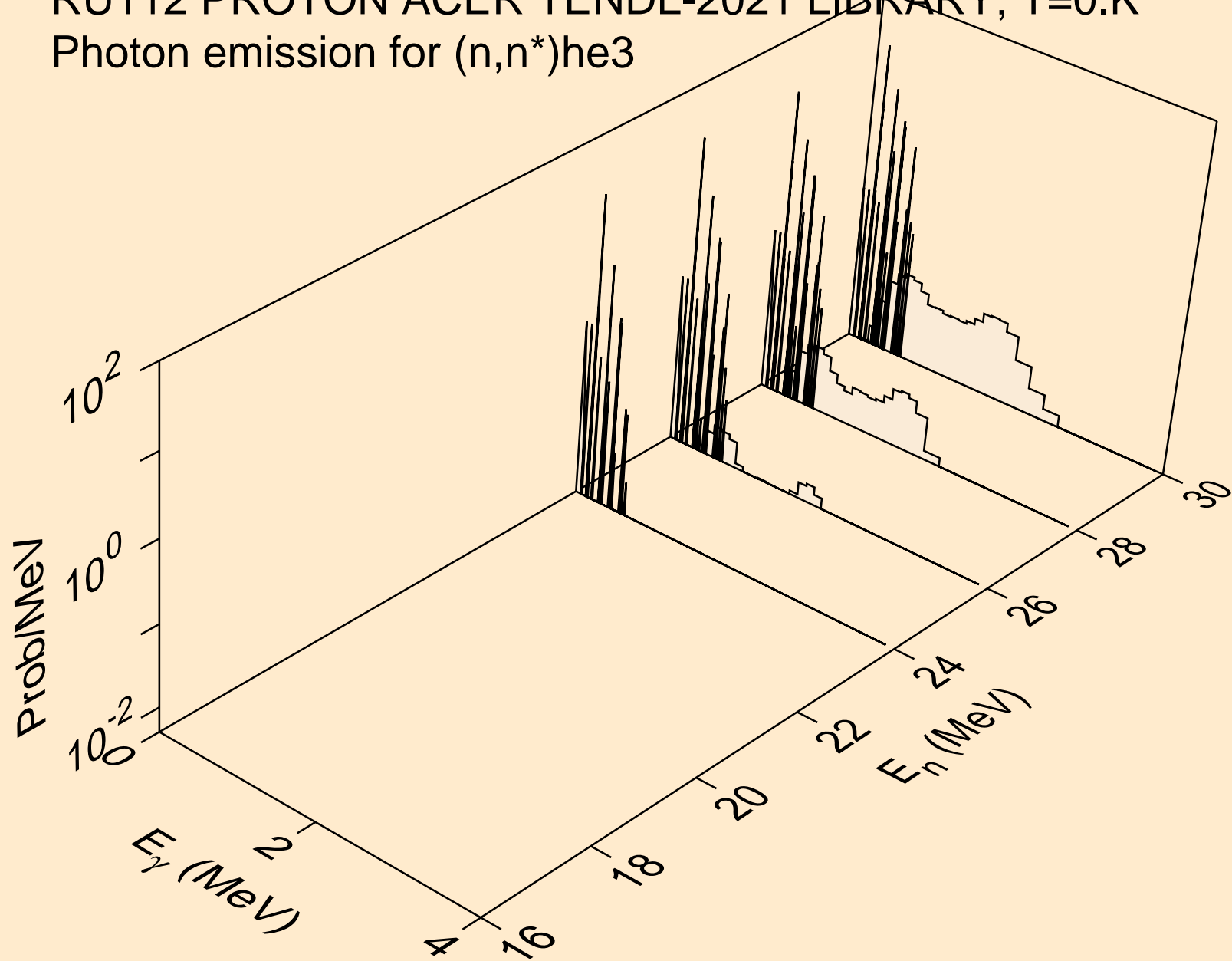
RU112 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



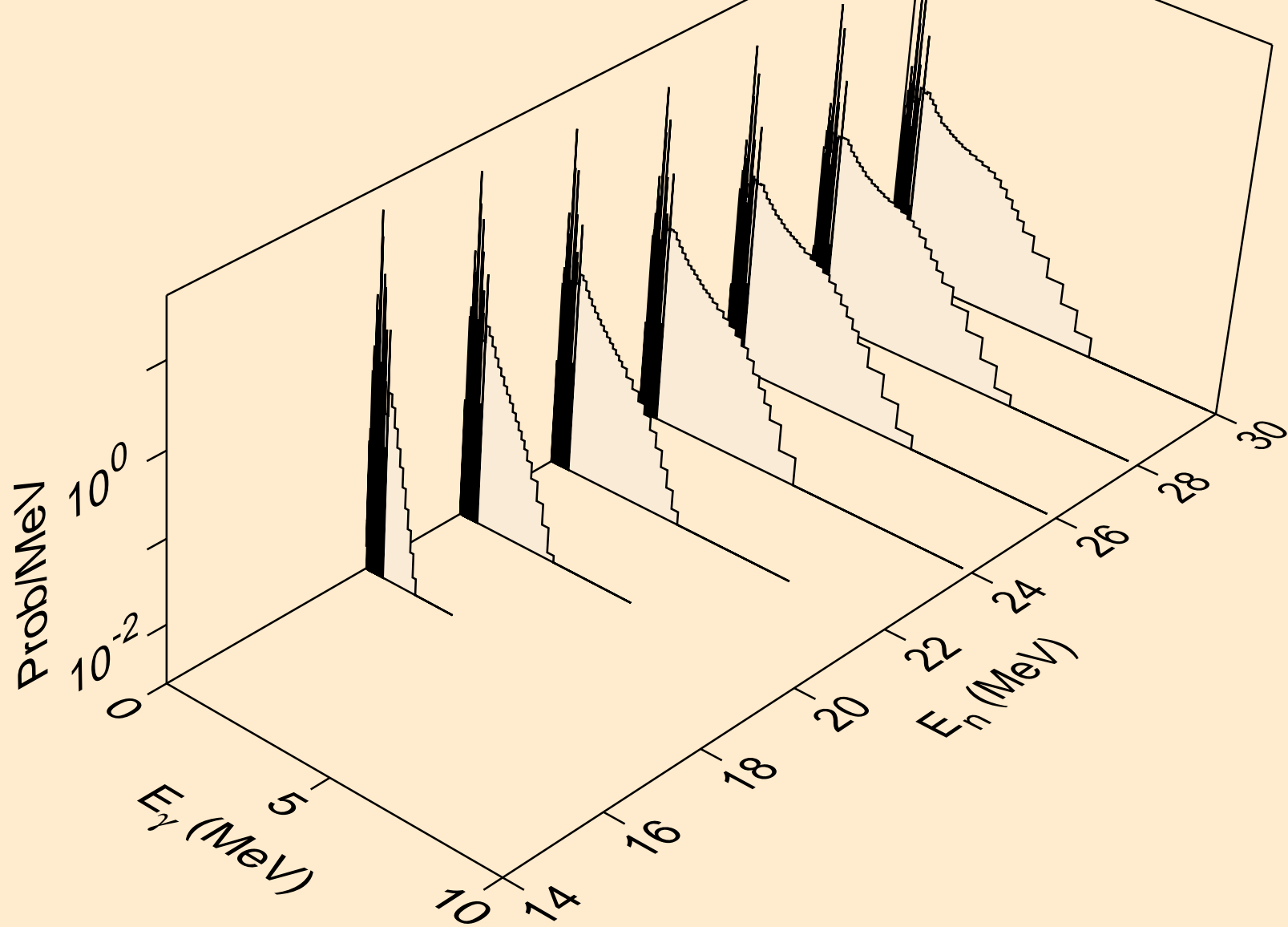
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Photon emission for (n,n\*)t



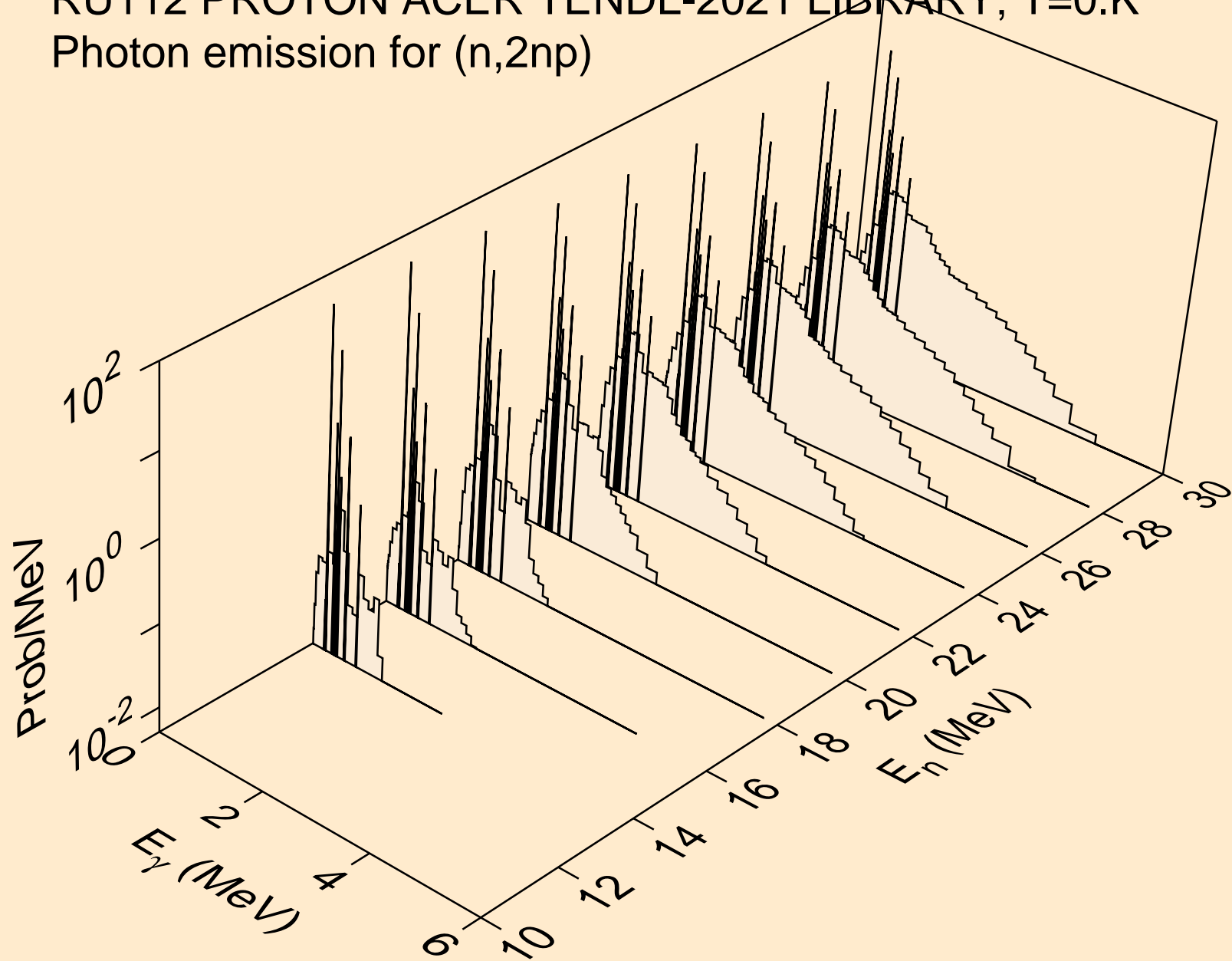
RU112 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



RU112 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,4n)

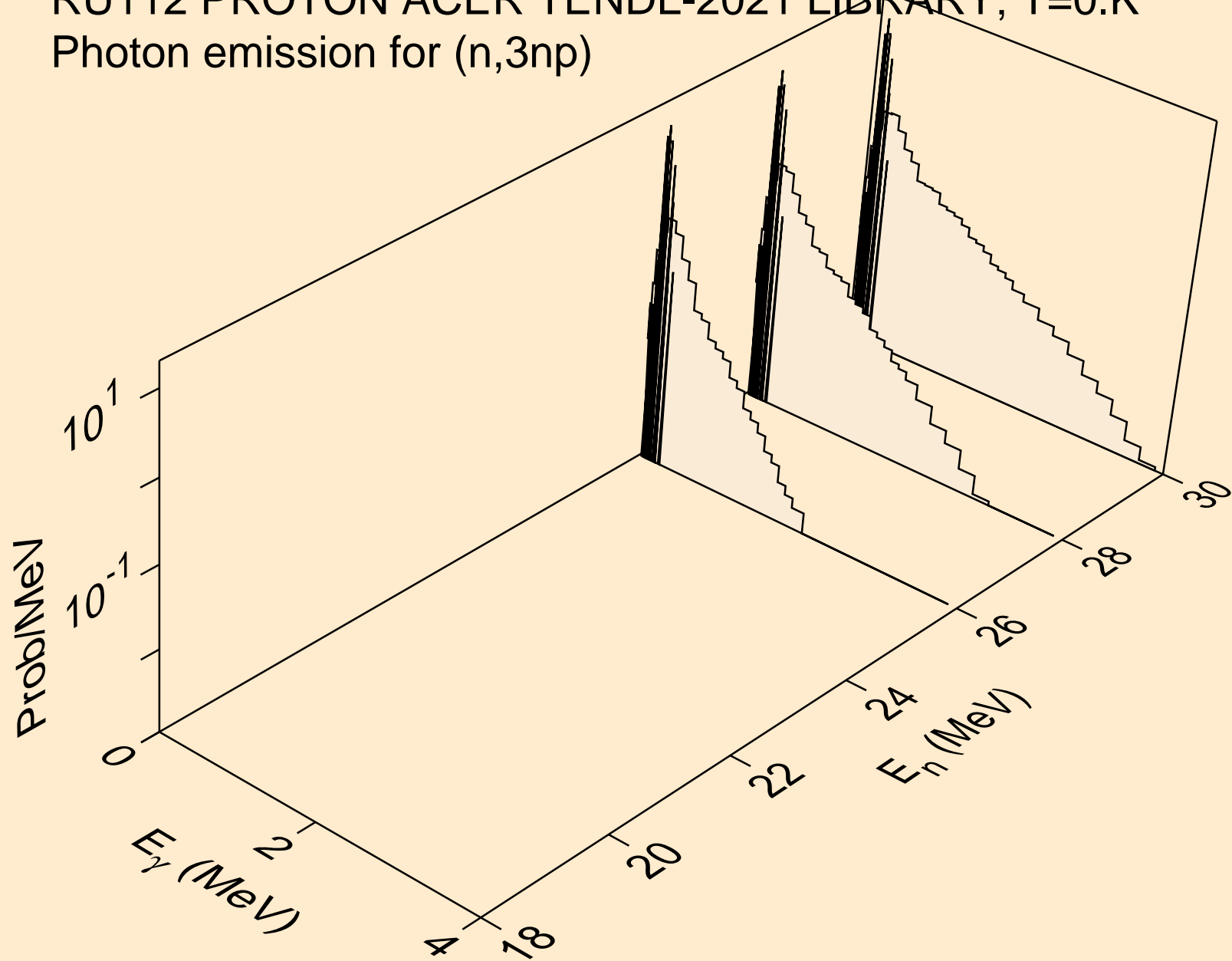


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Photon emission for (n,2np)

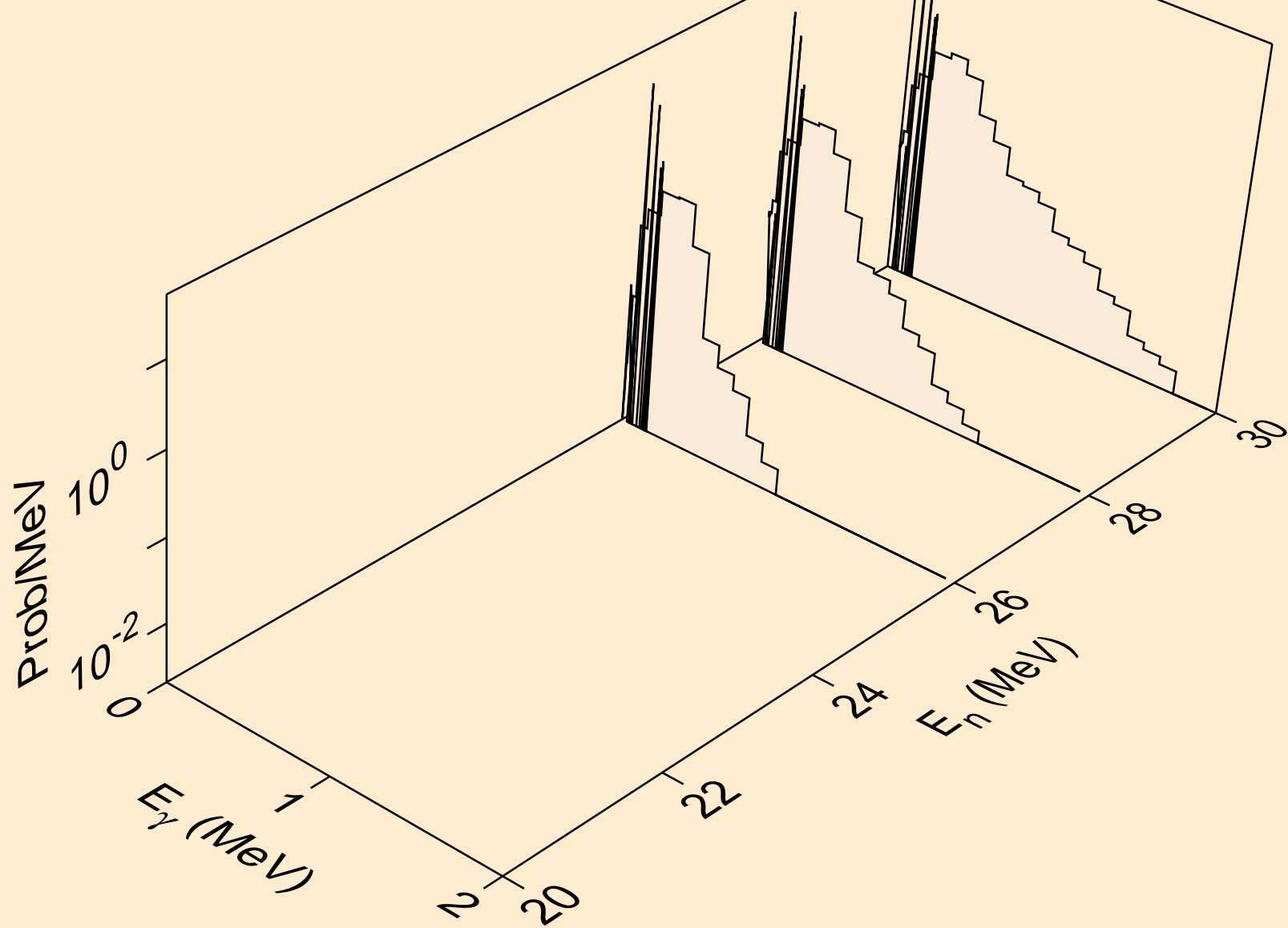




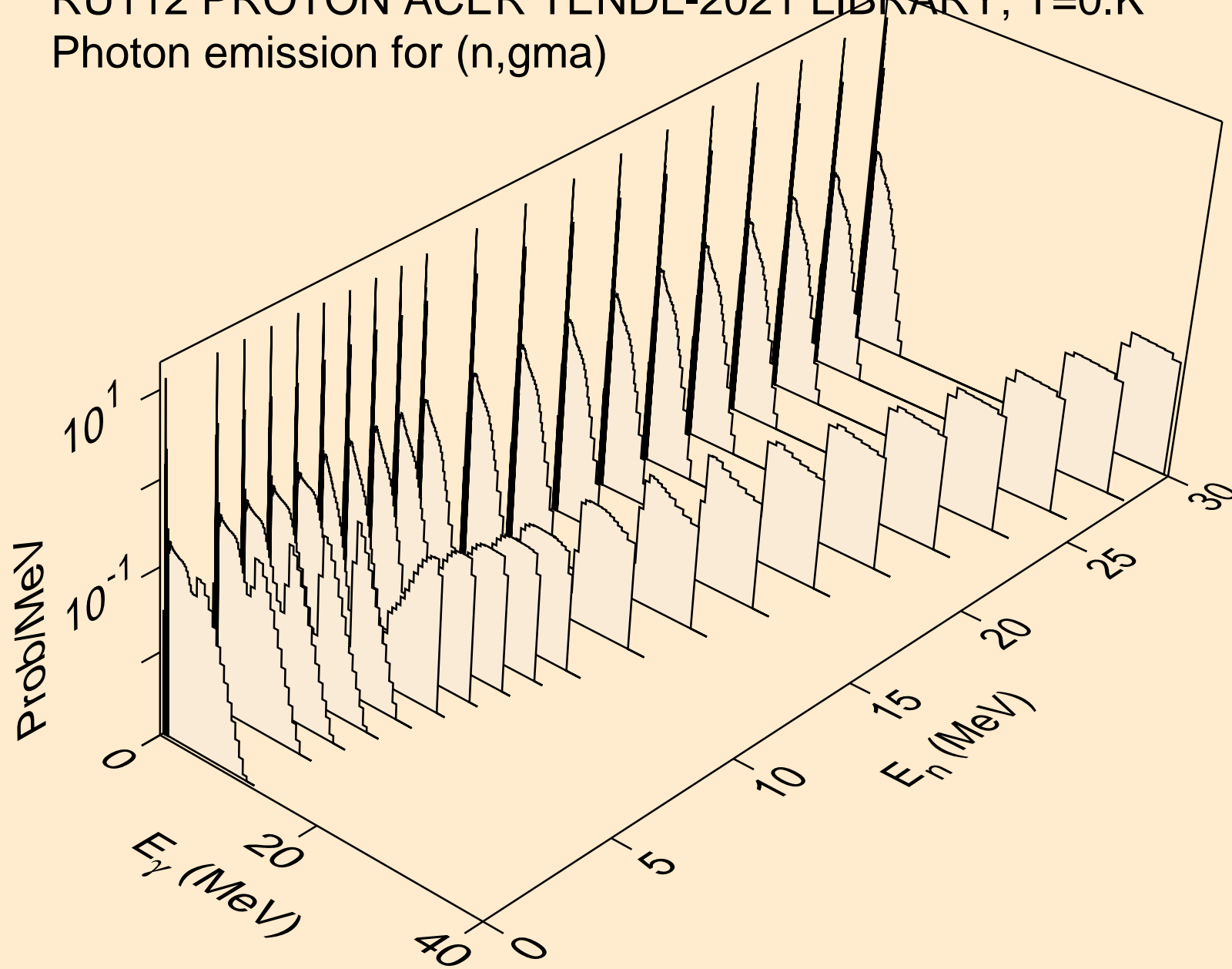
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Photon emission for (n,3np)



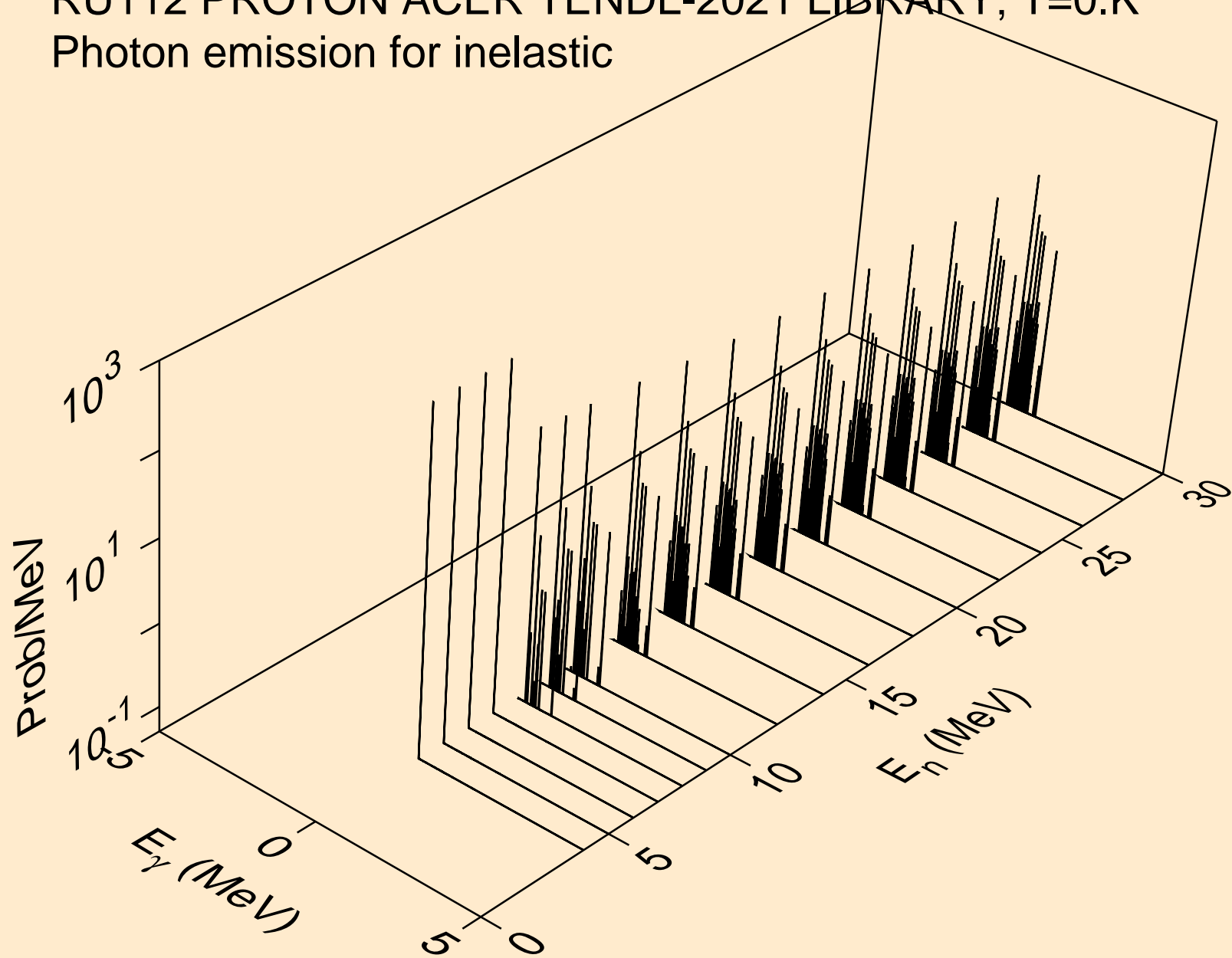
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Photon emission for (n,2np)



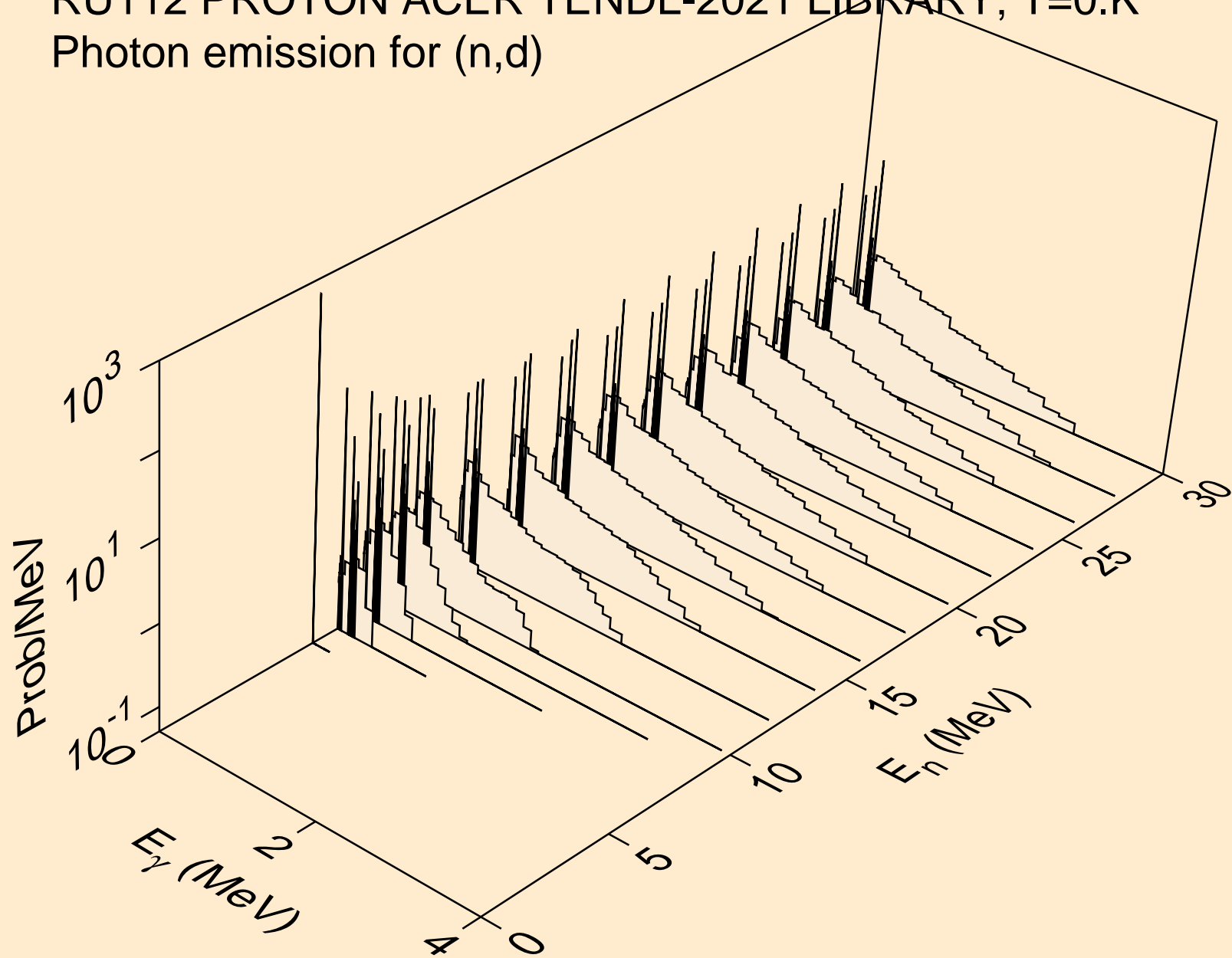
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Photon emission for (n,gma)



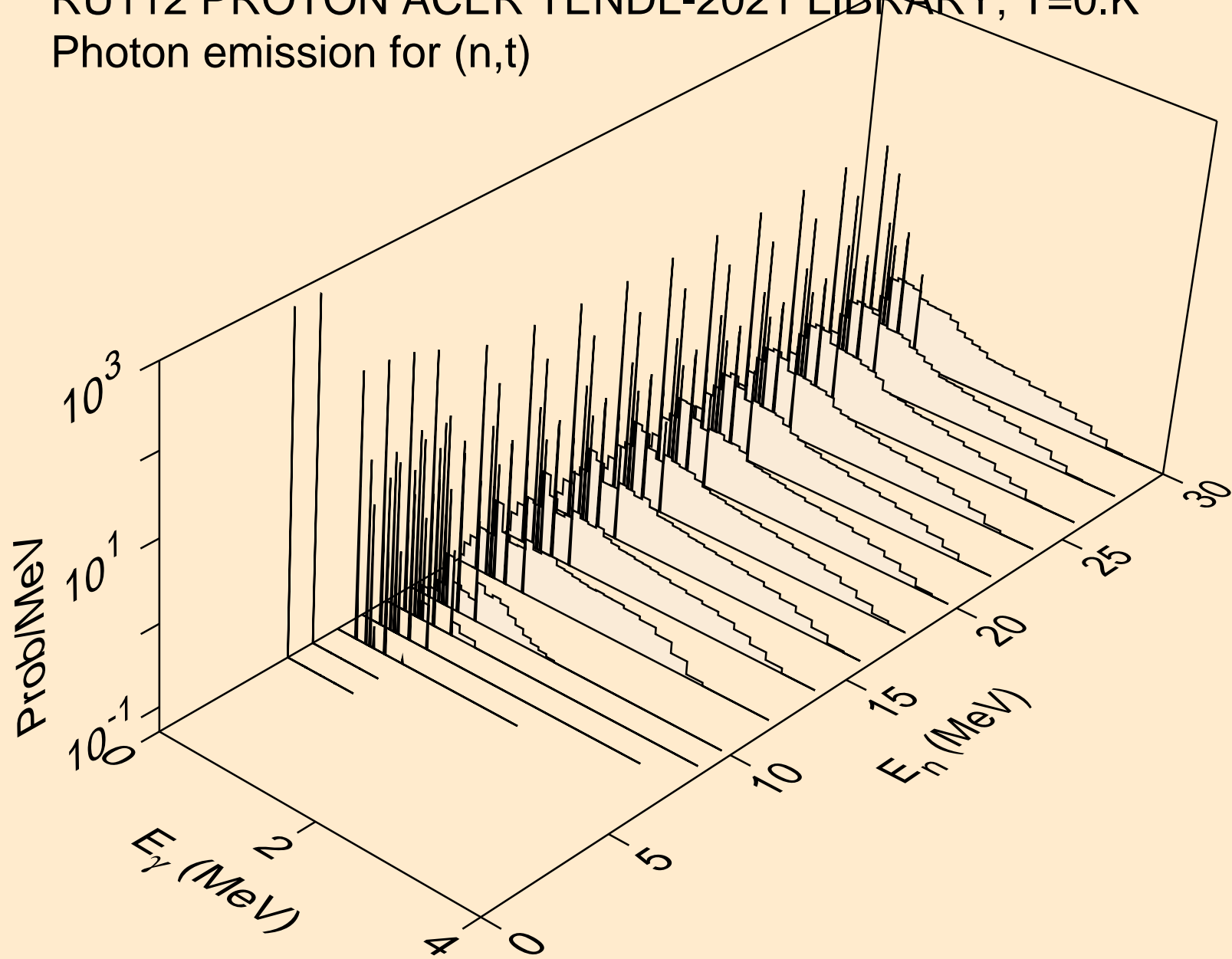
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Photon emission for inelastic



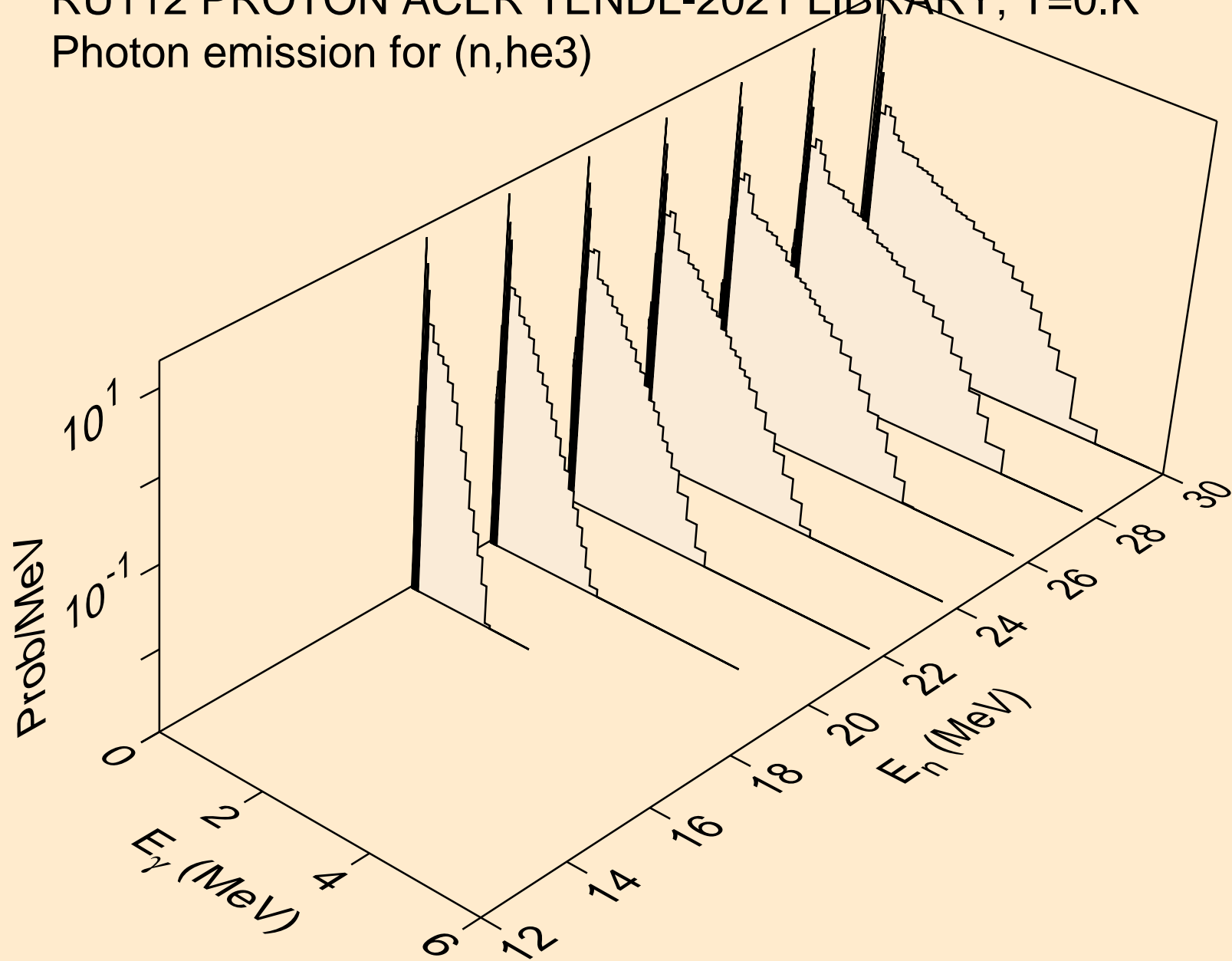
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Photon emission for (n,d)



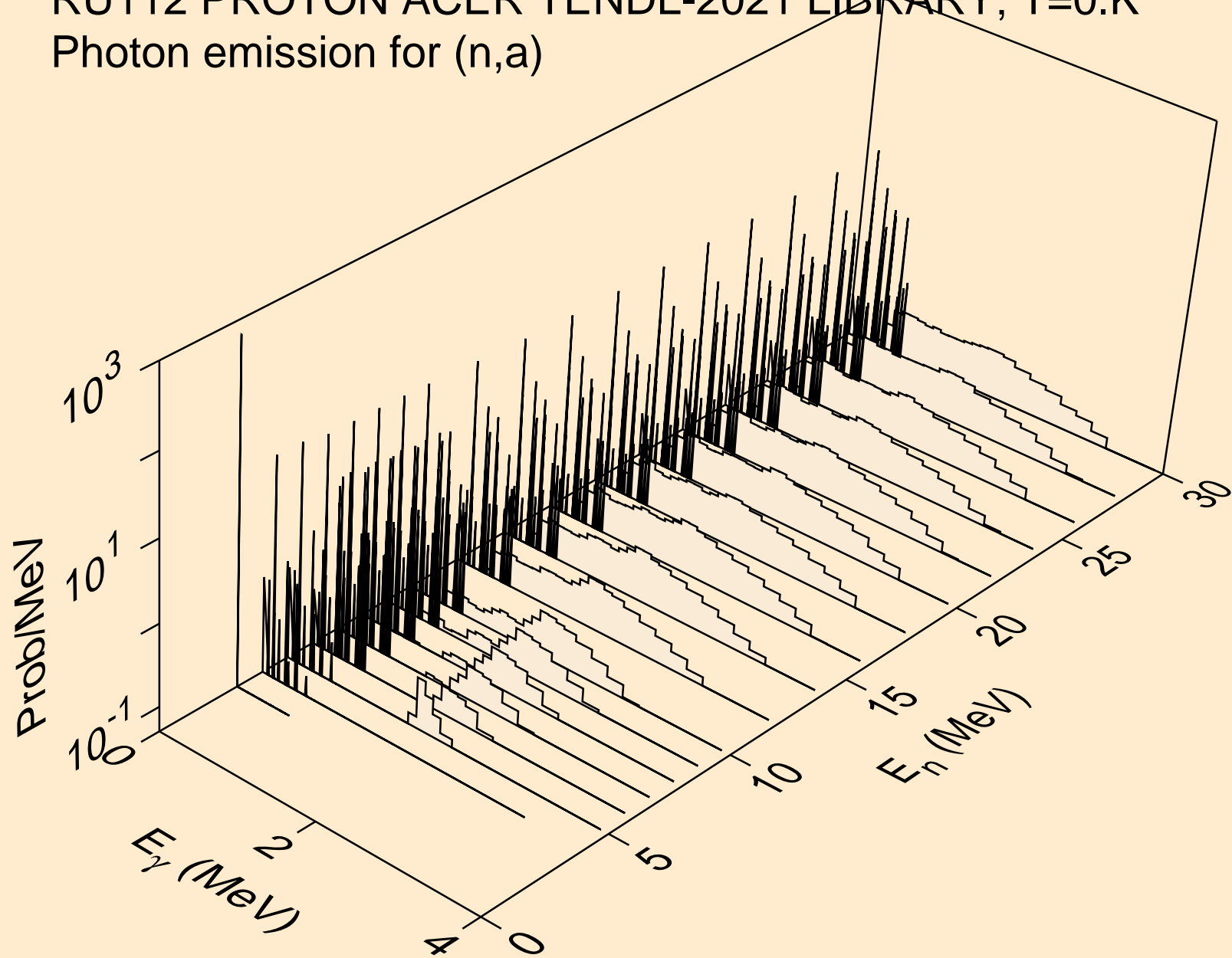
RU112 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)



RU112 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,he3)

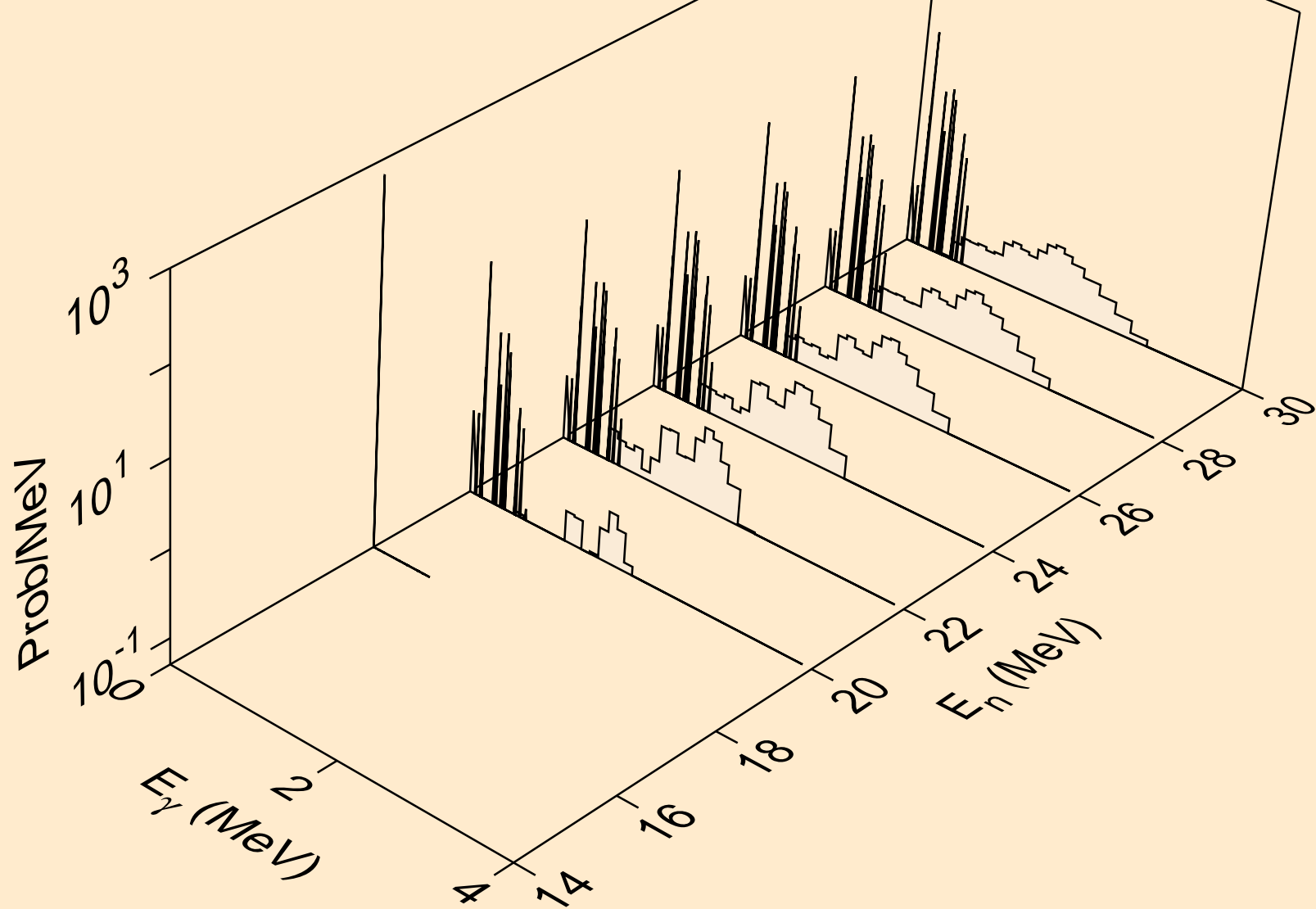


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Photon emission for (n,a)

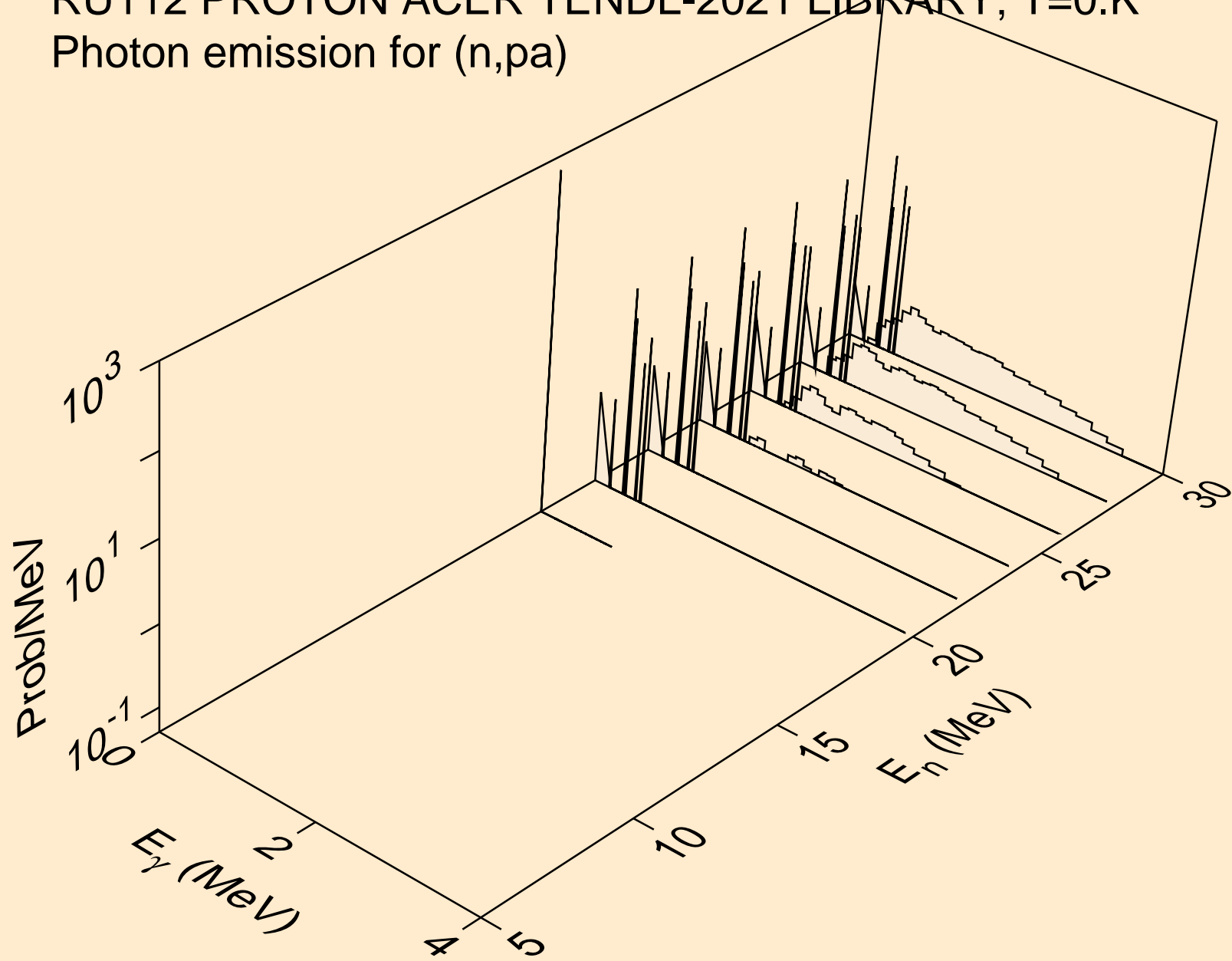




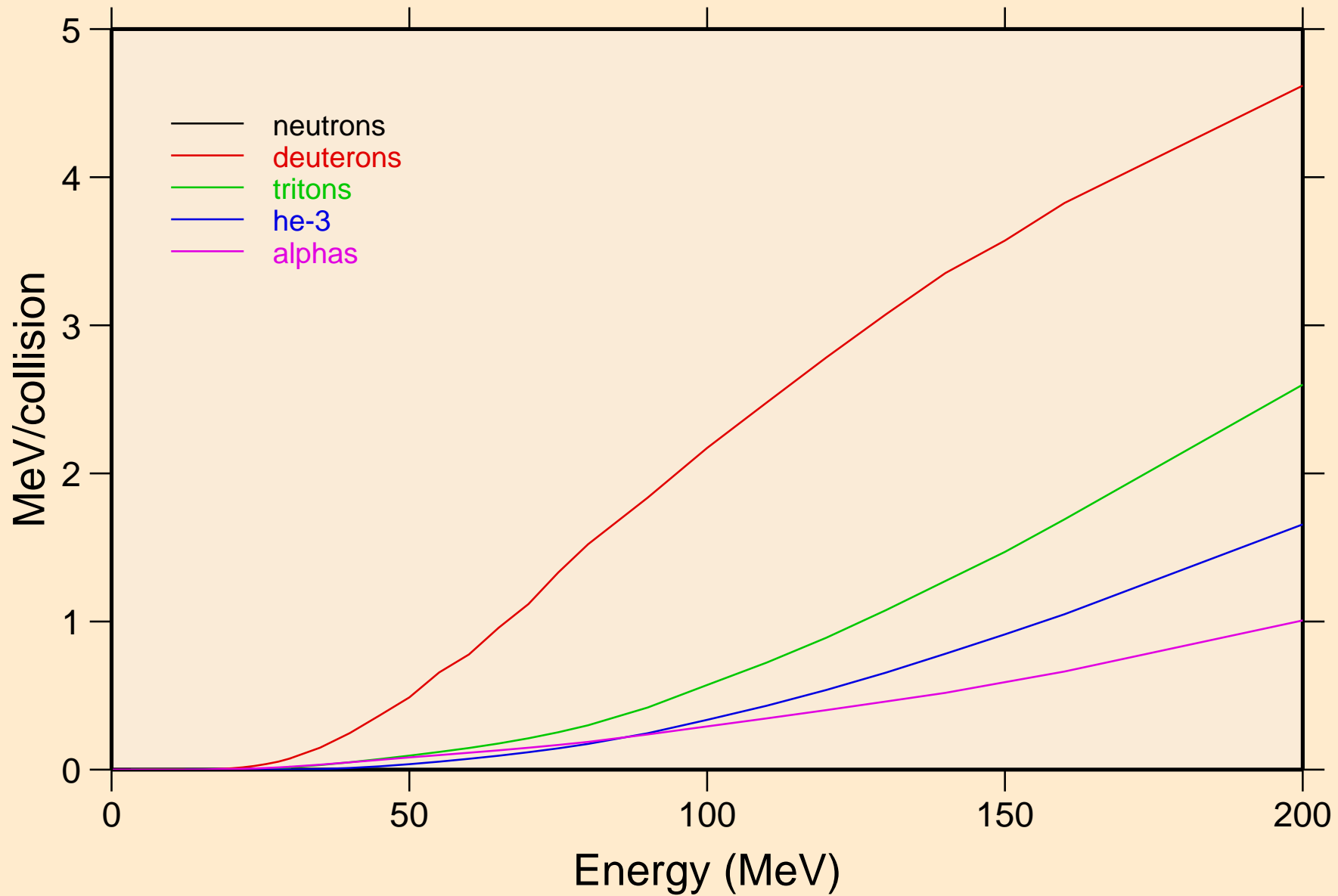
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Photon emission for (n,2p)



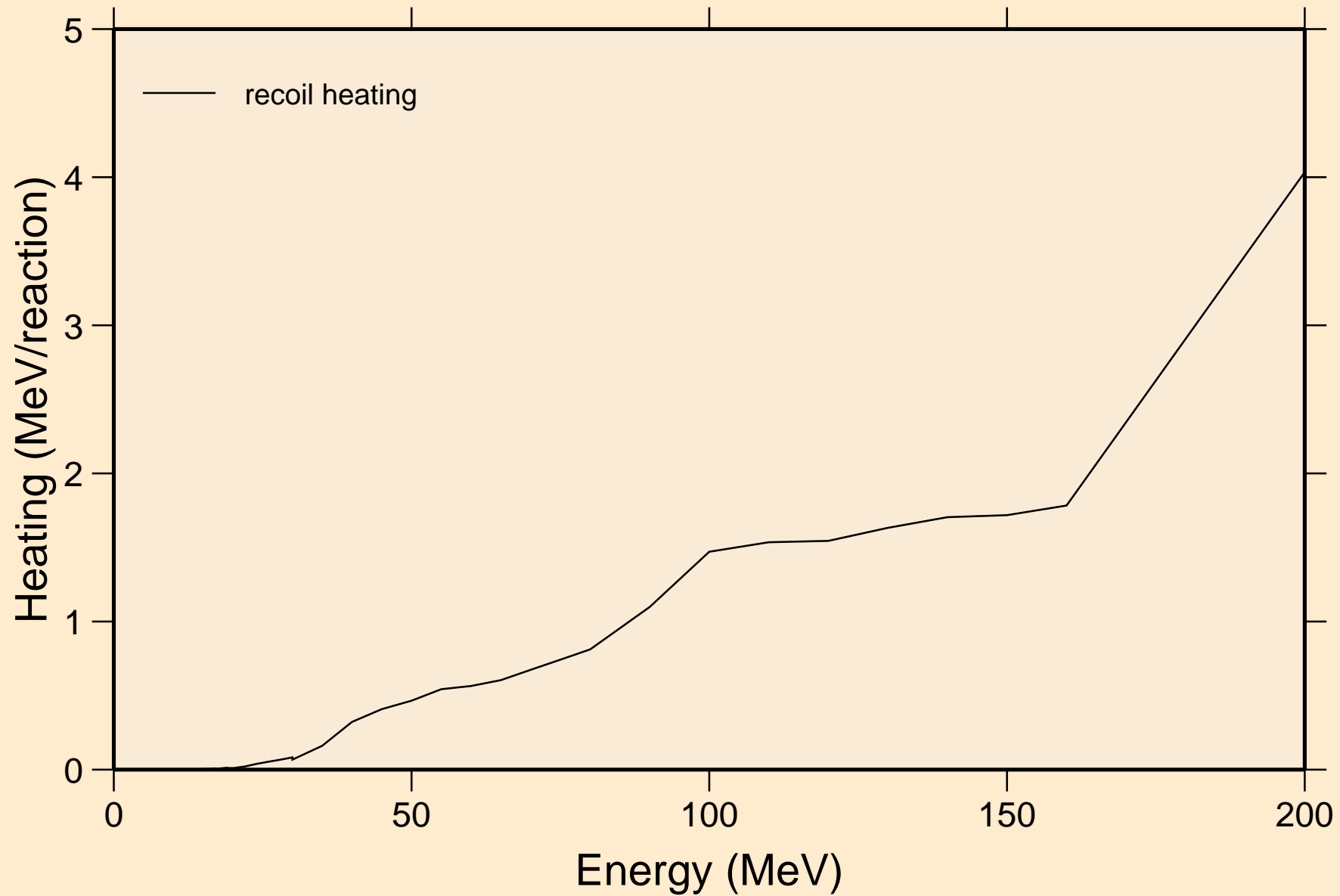
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Photon emission for (n,pa)



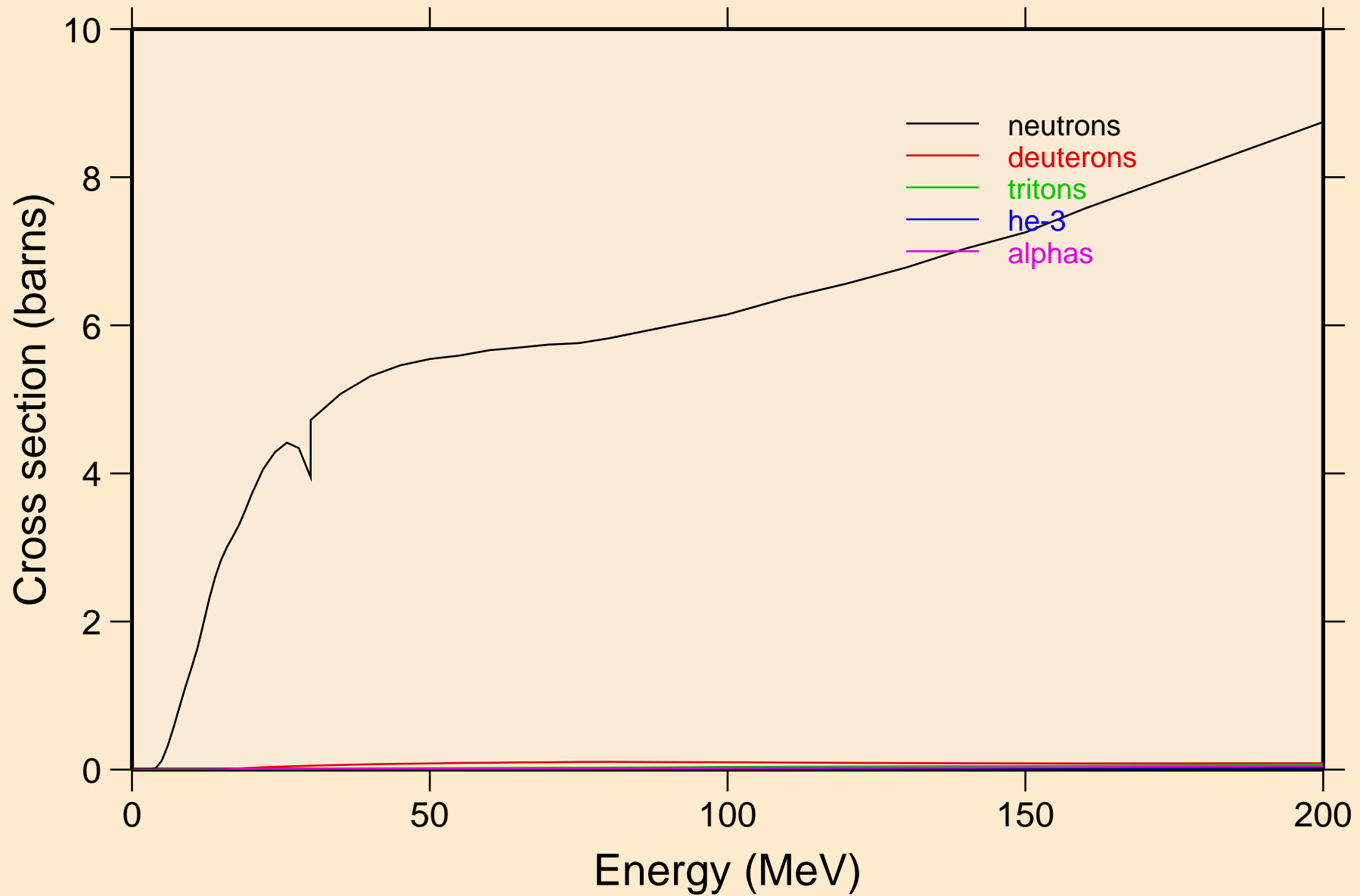
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Particle heating contributions



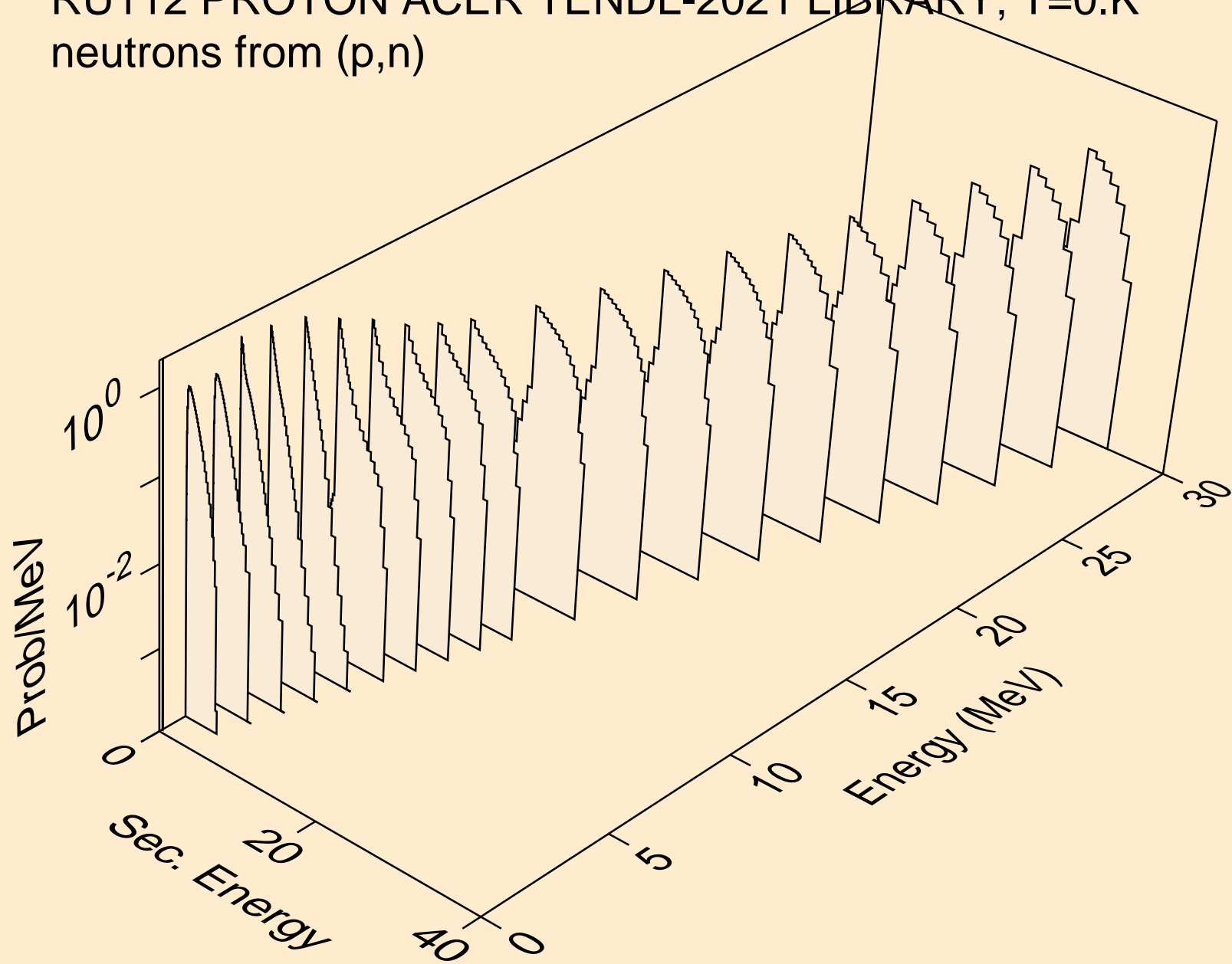
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Recoil Heating



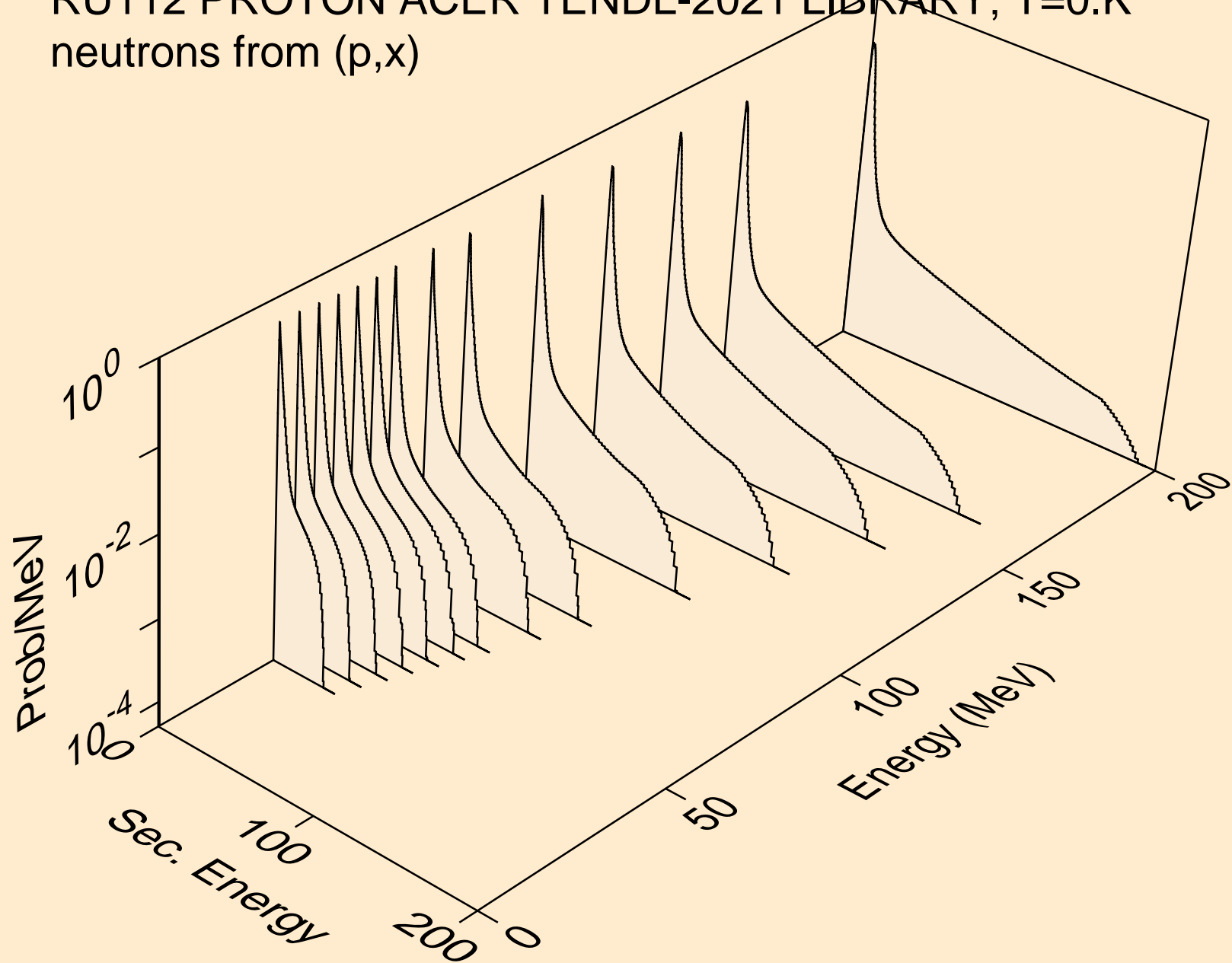
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Particle production cross sections



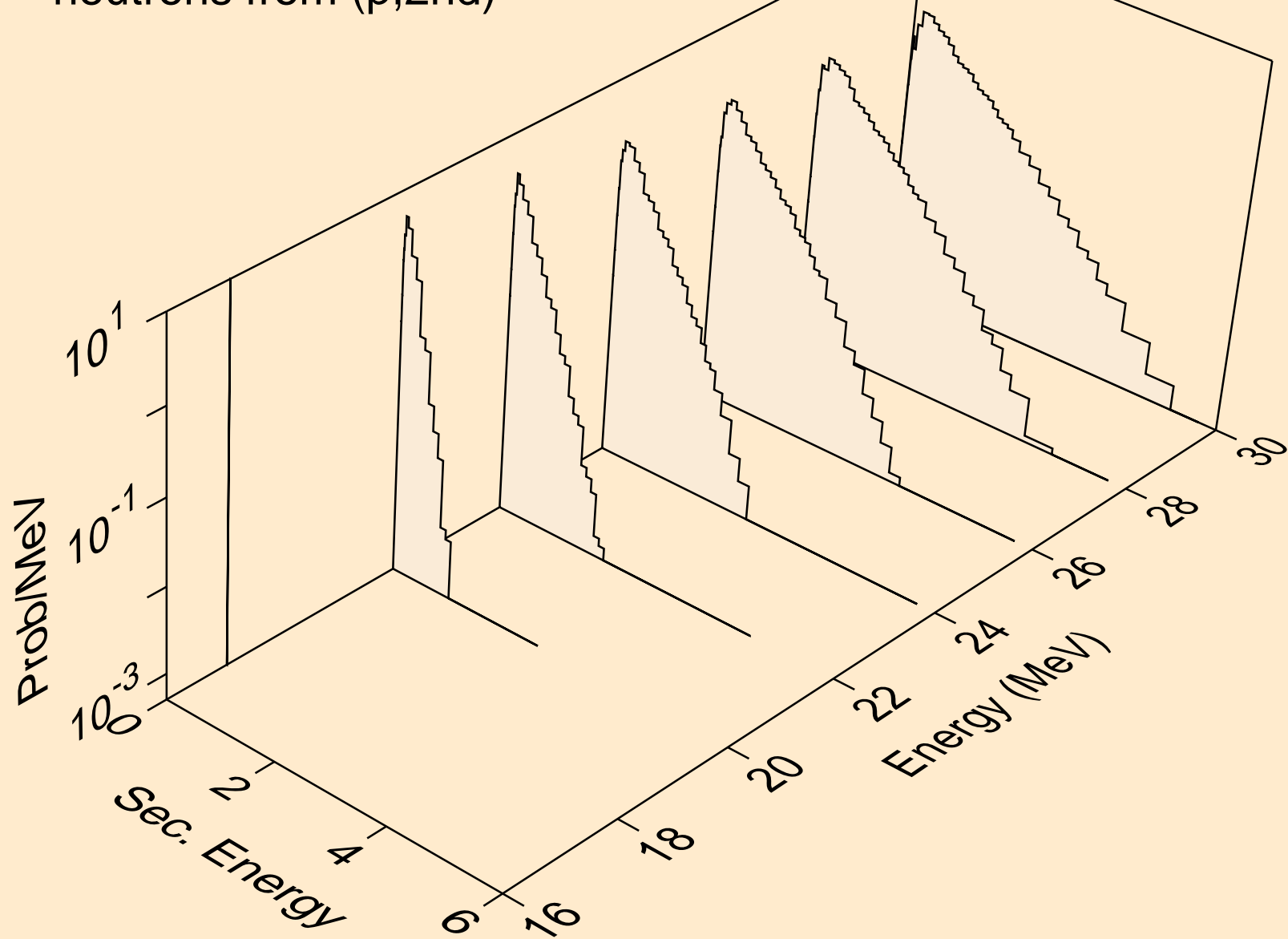
RU112 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n)



RU112 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,x)

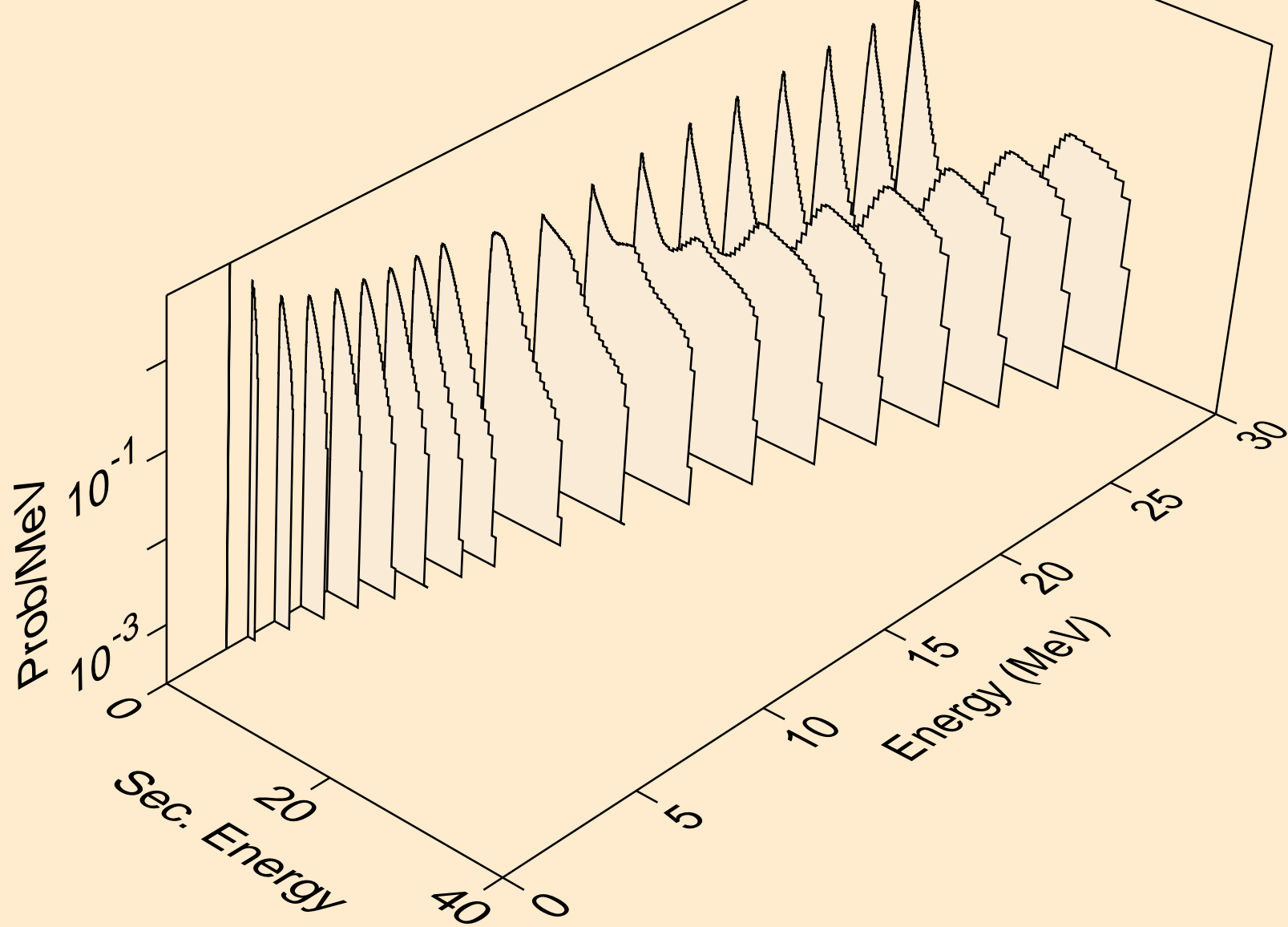


RU112 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2nd)

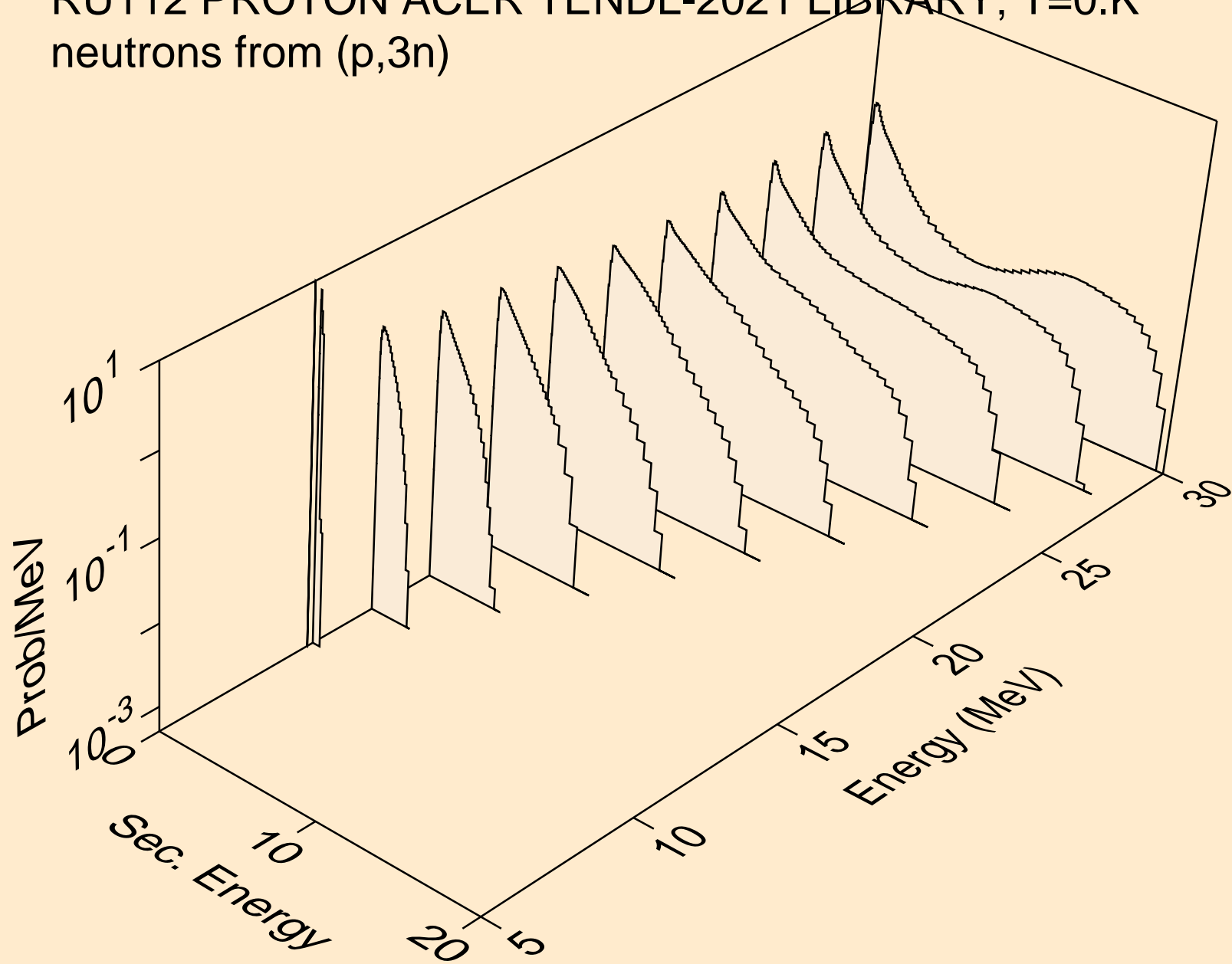




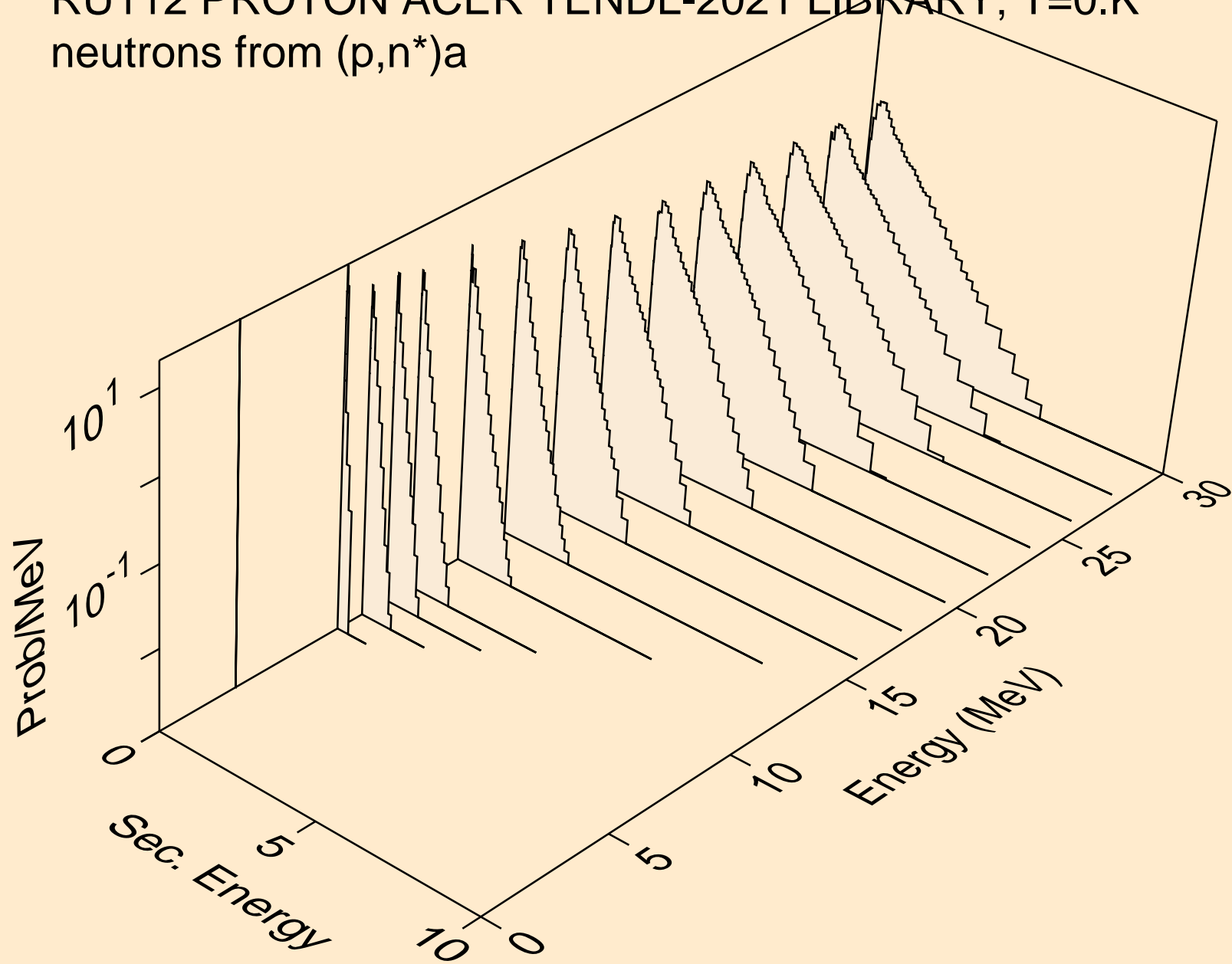
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neutrons from (p,2n)



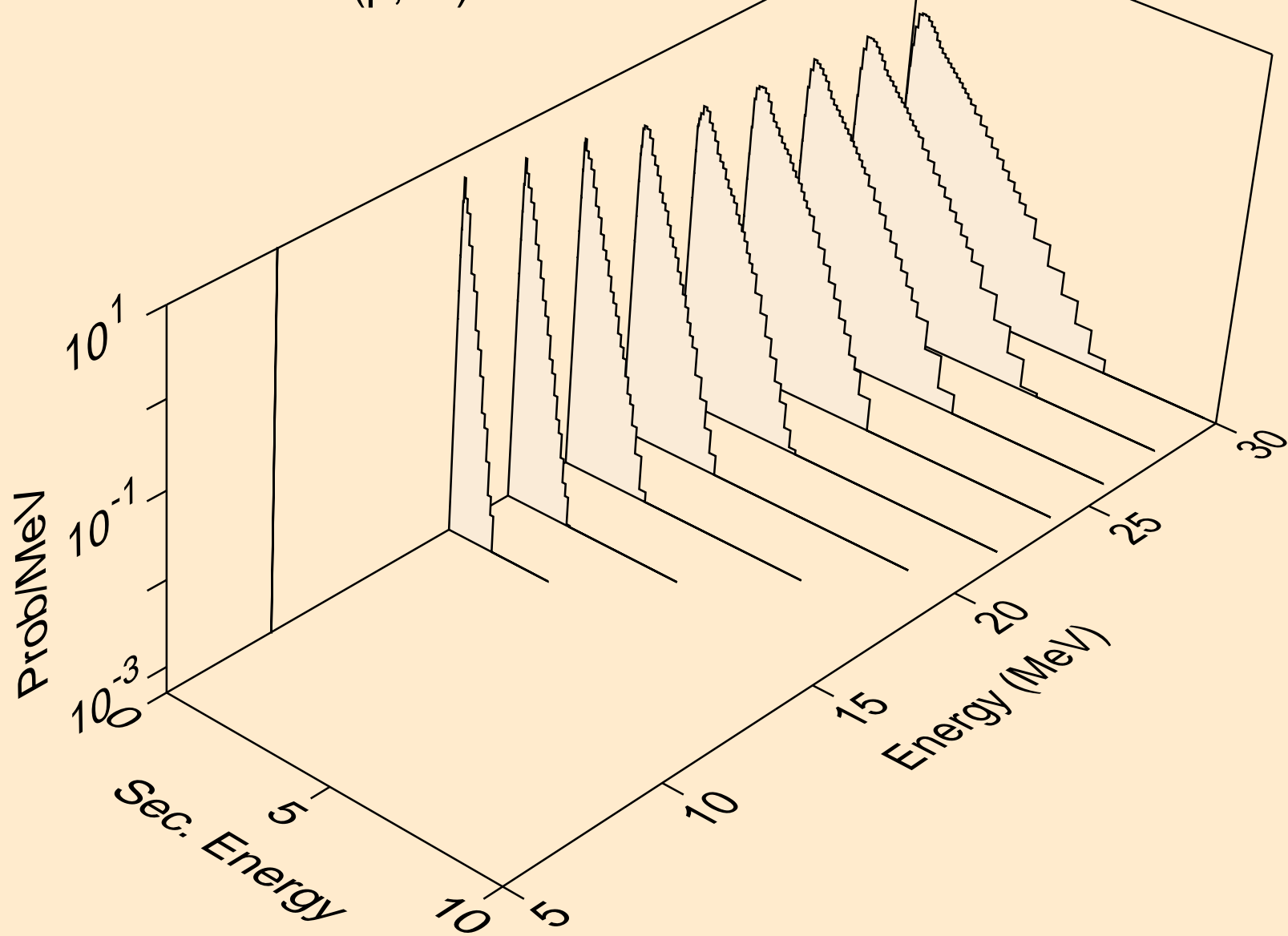
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neutrons from (p,3n)



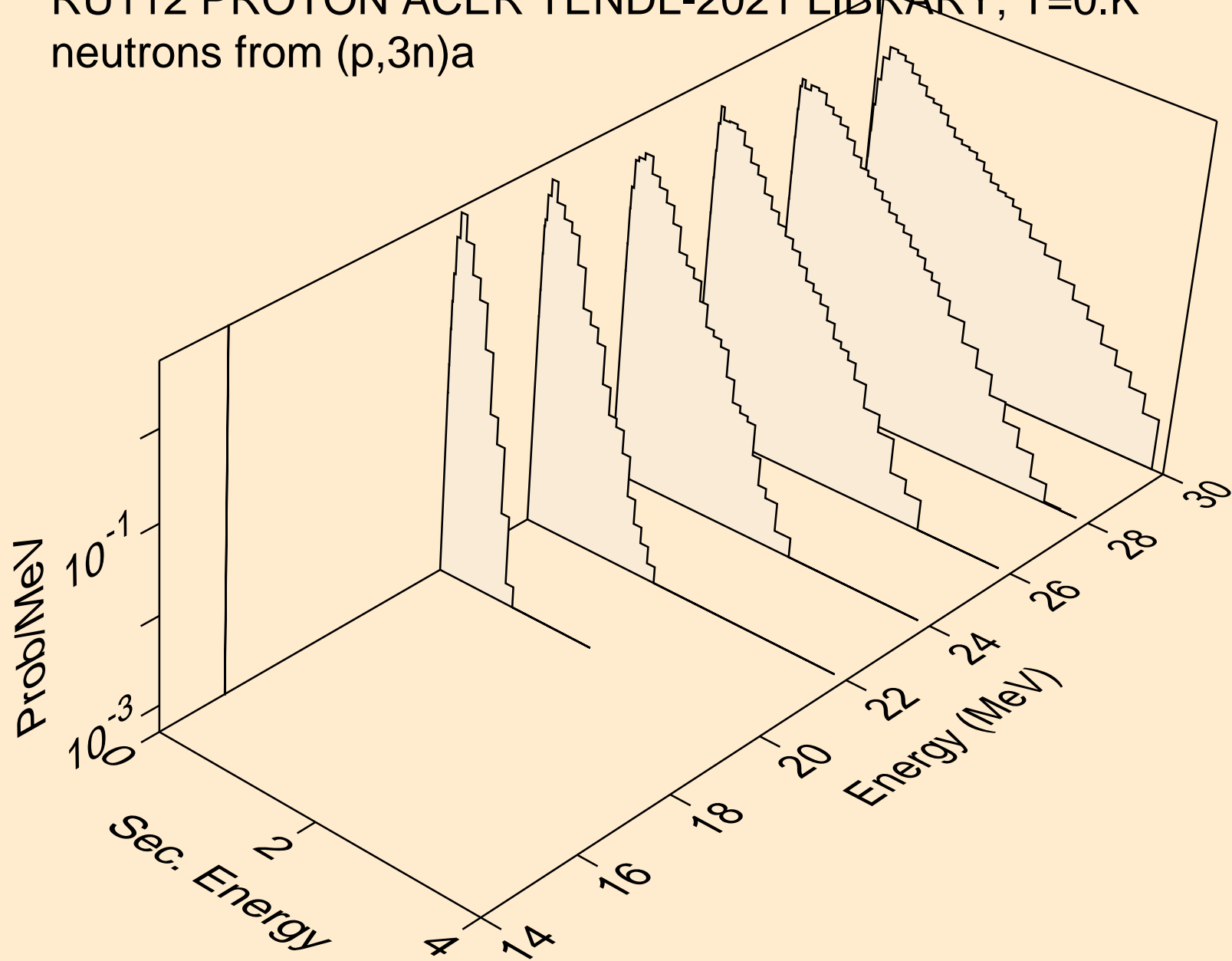
RU112 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)a



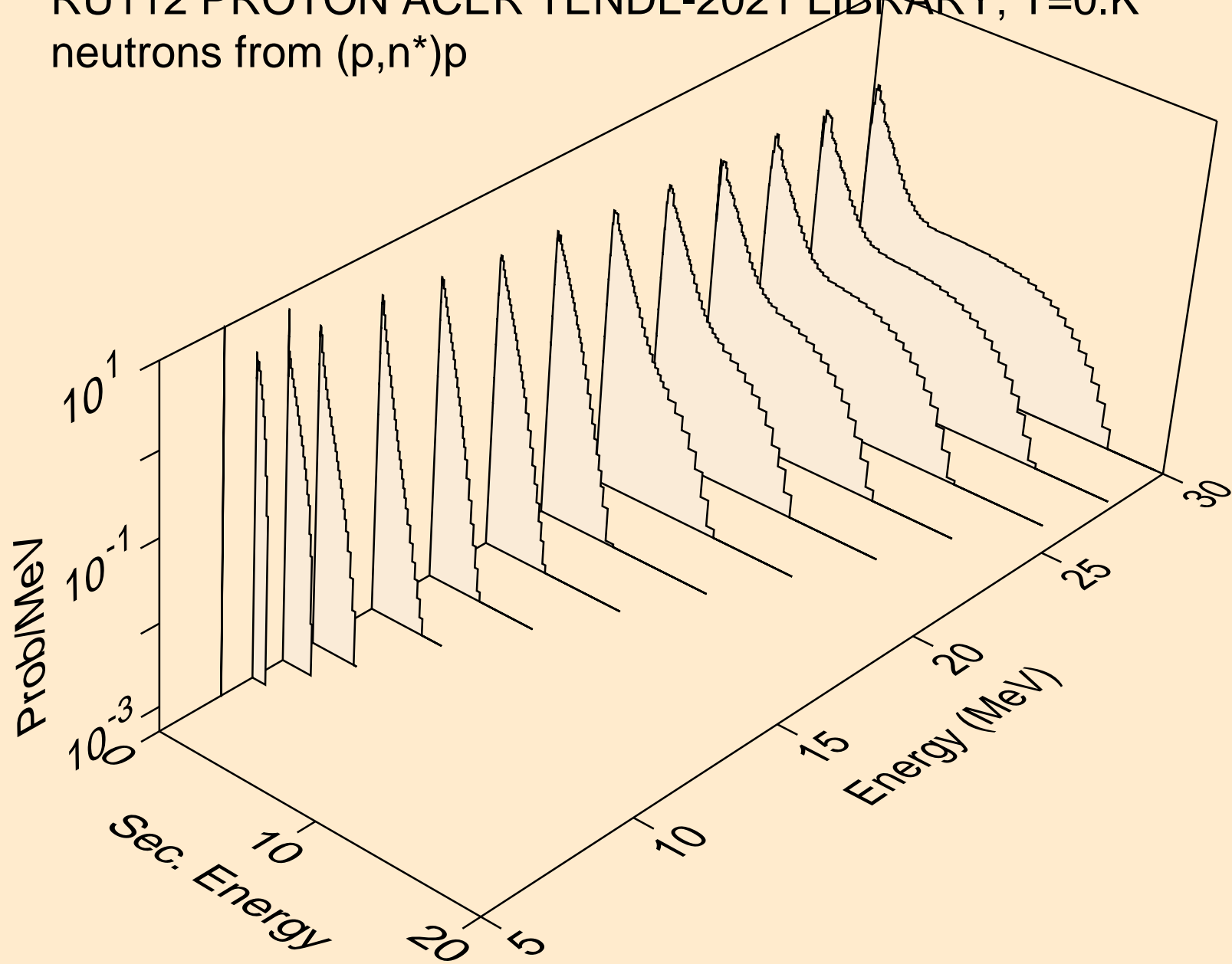
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neutrons from (p,2n)a



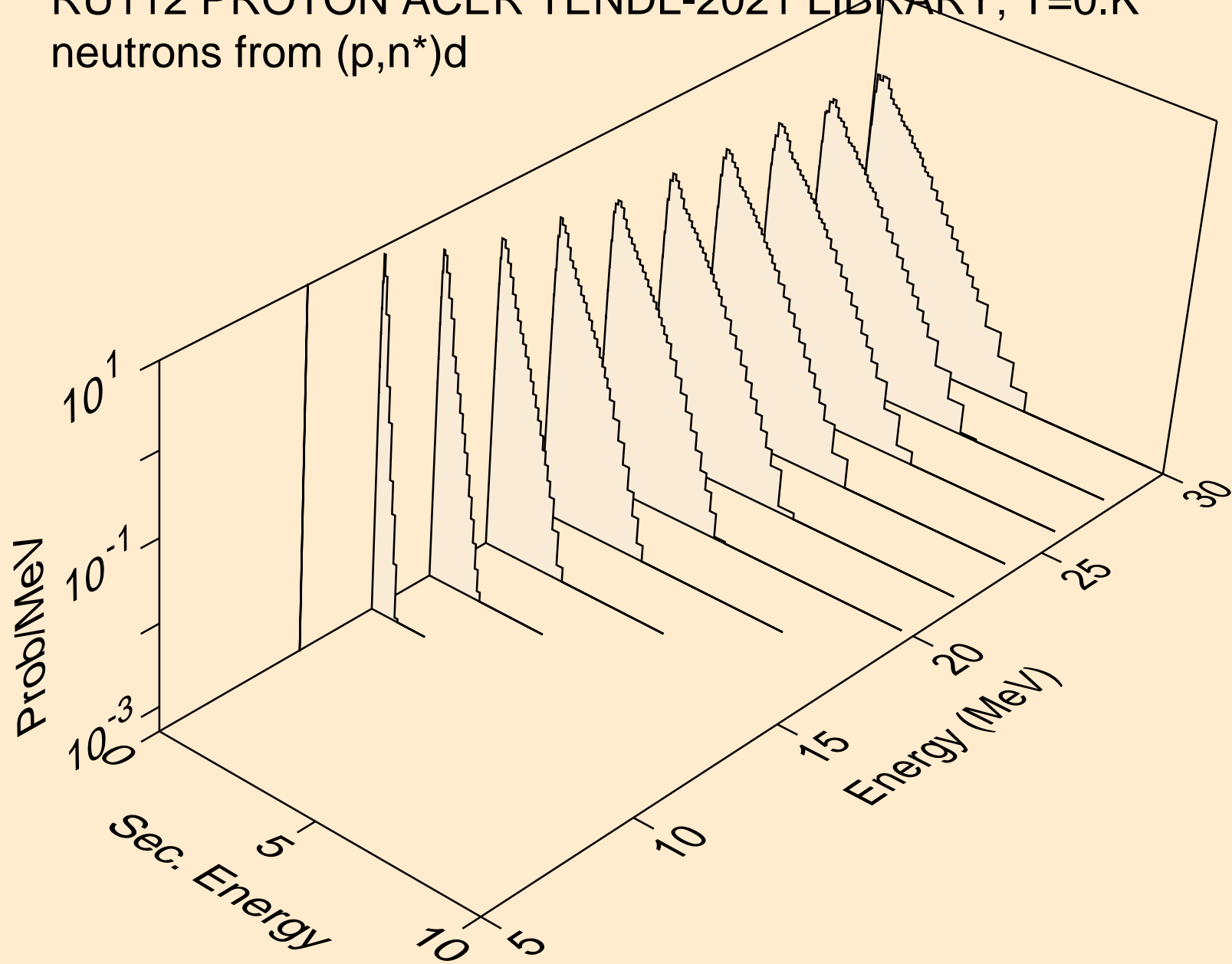
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neutrons from (p,3n)a



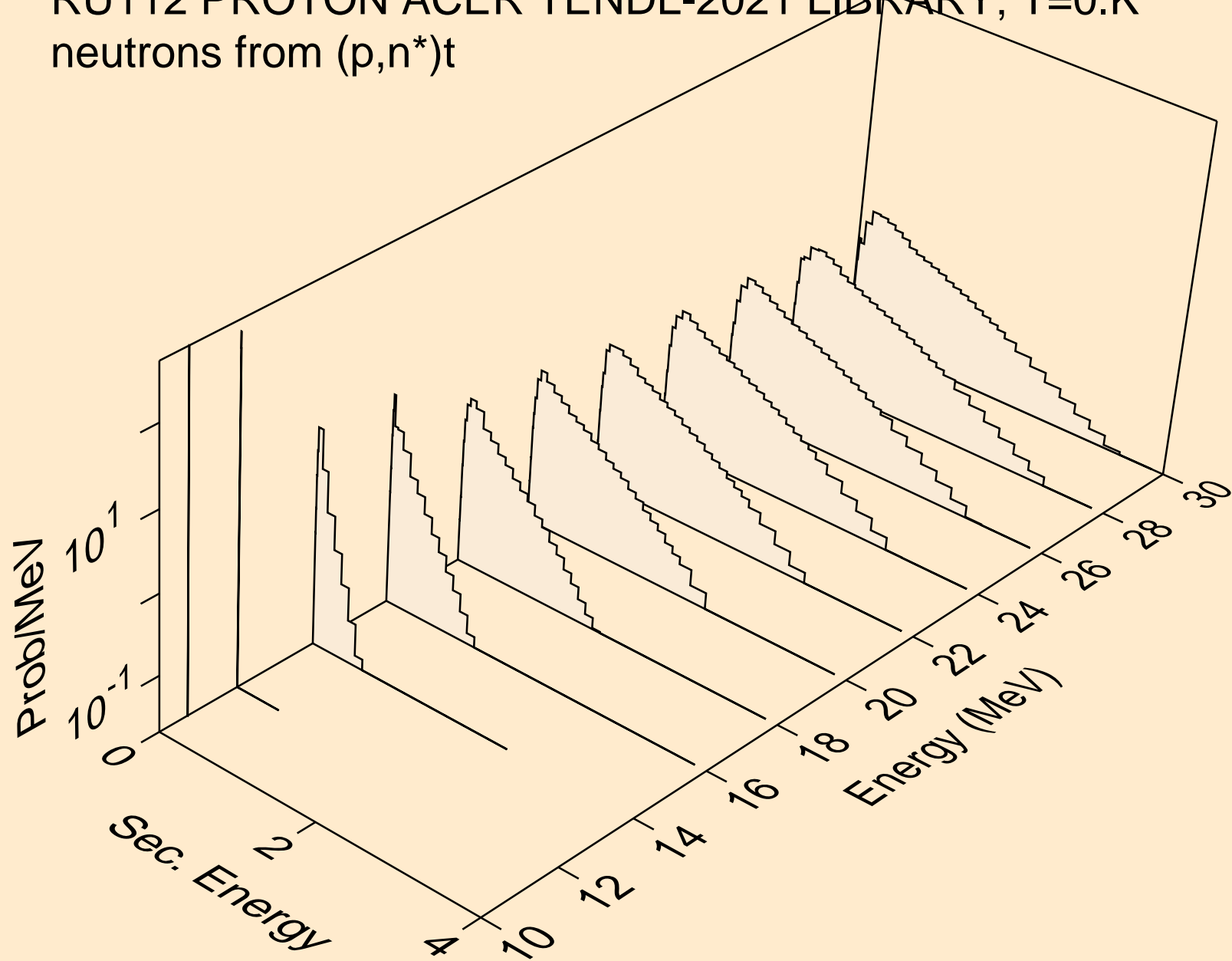
RU112 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)p



RU112 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)d

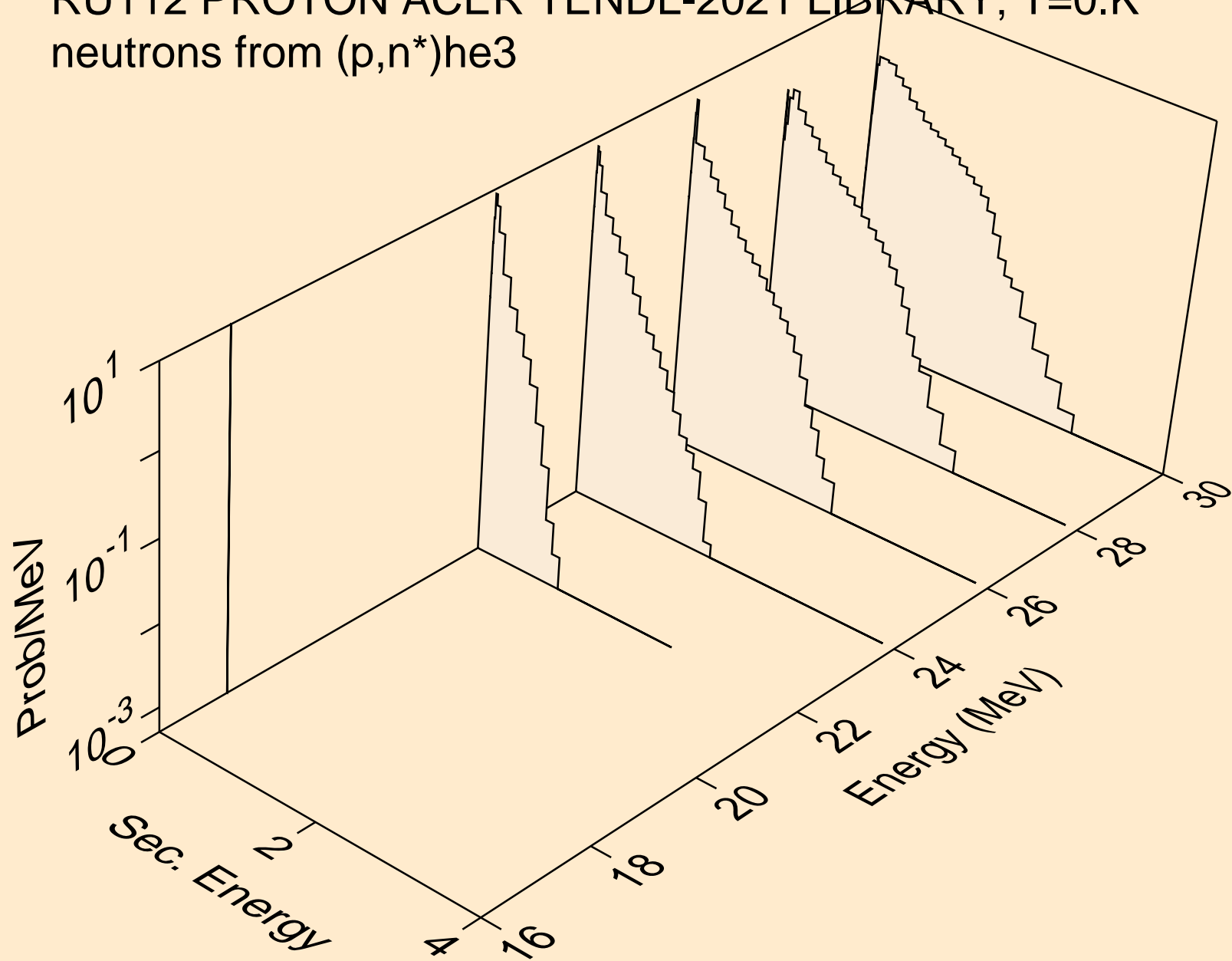


RU112 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)t

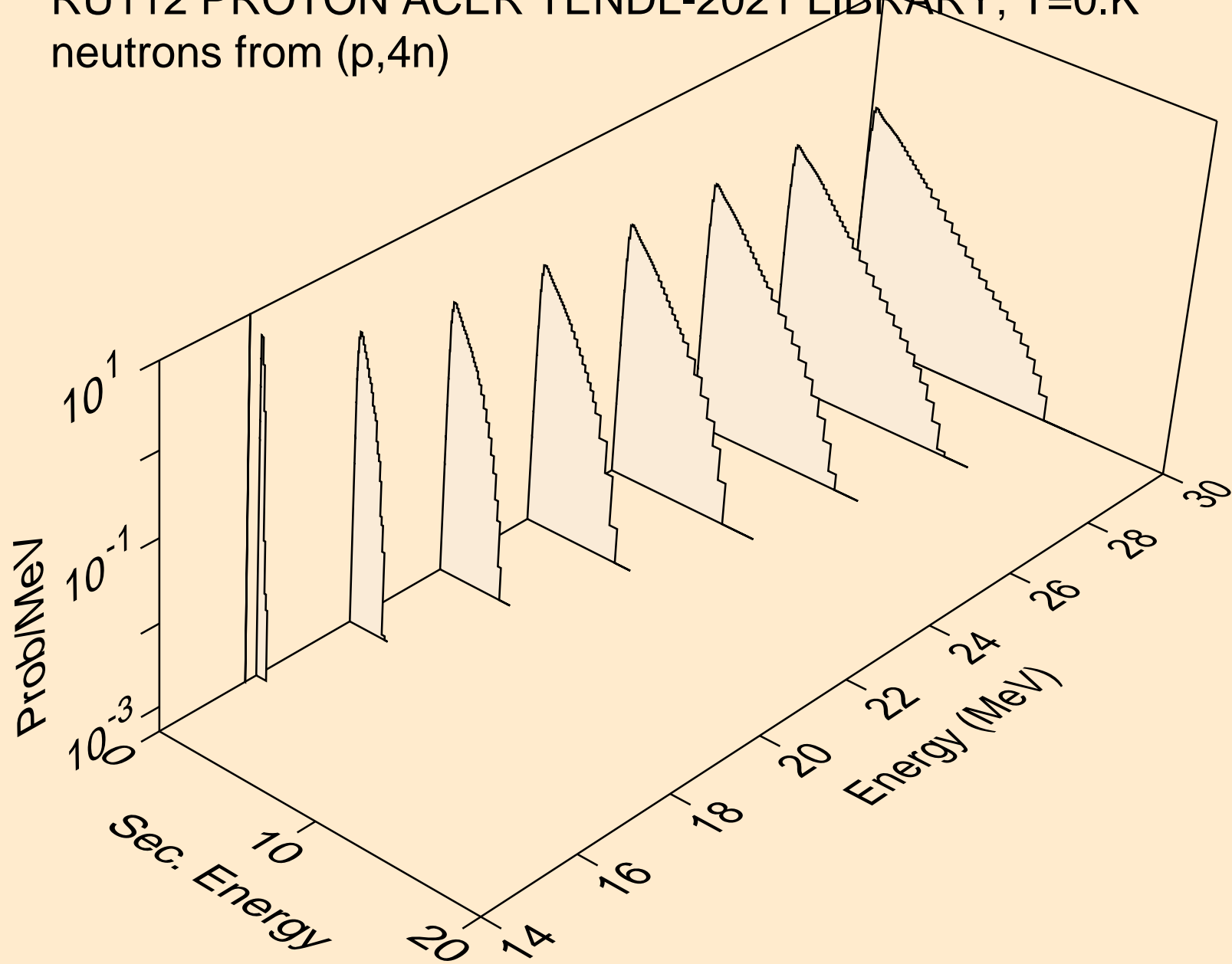




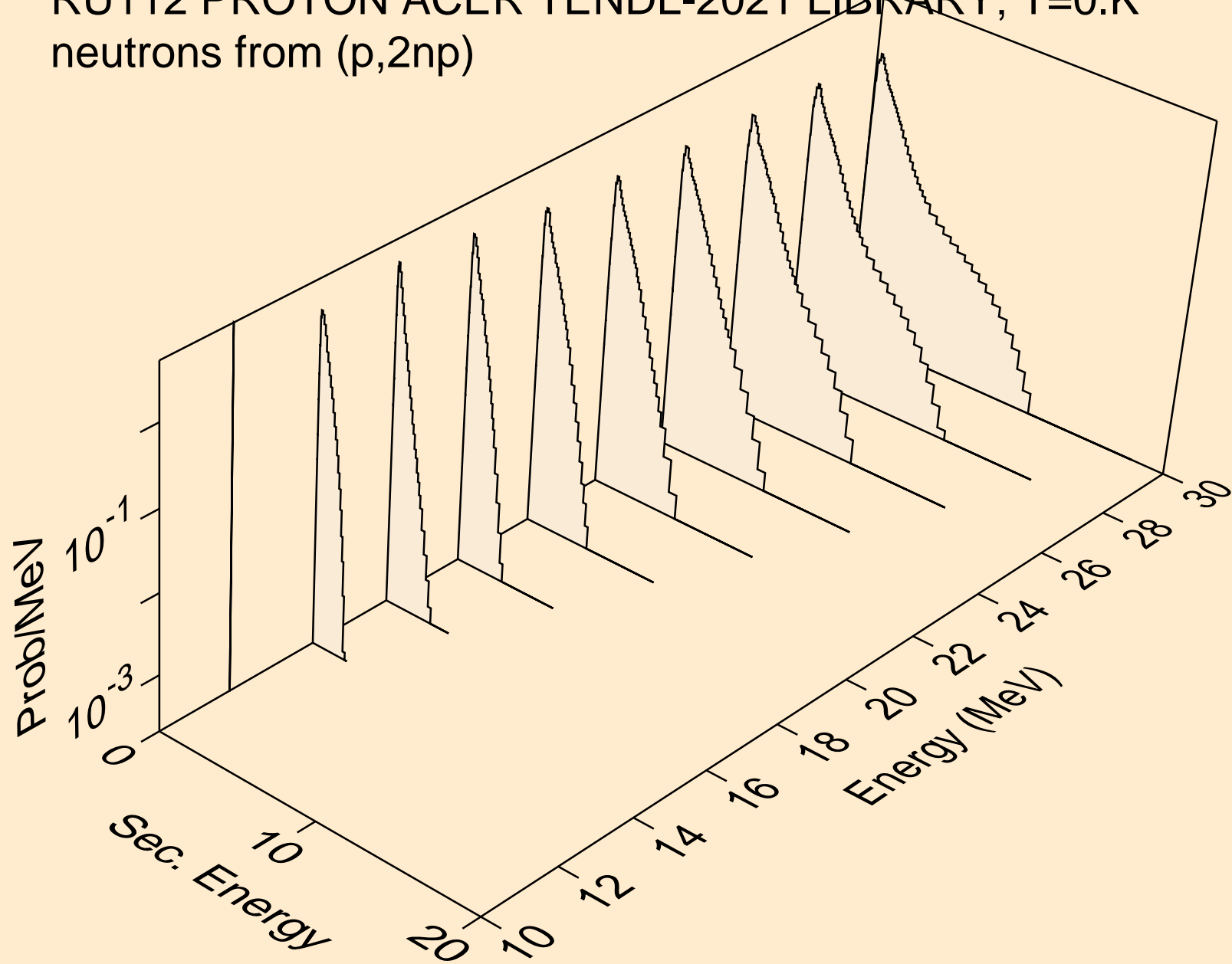
RU112 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



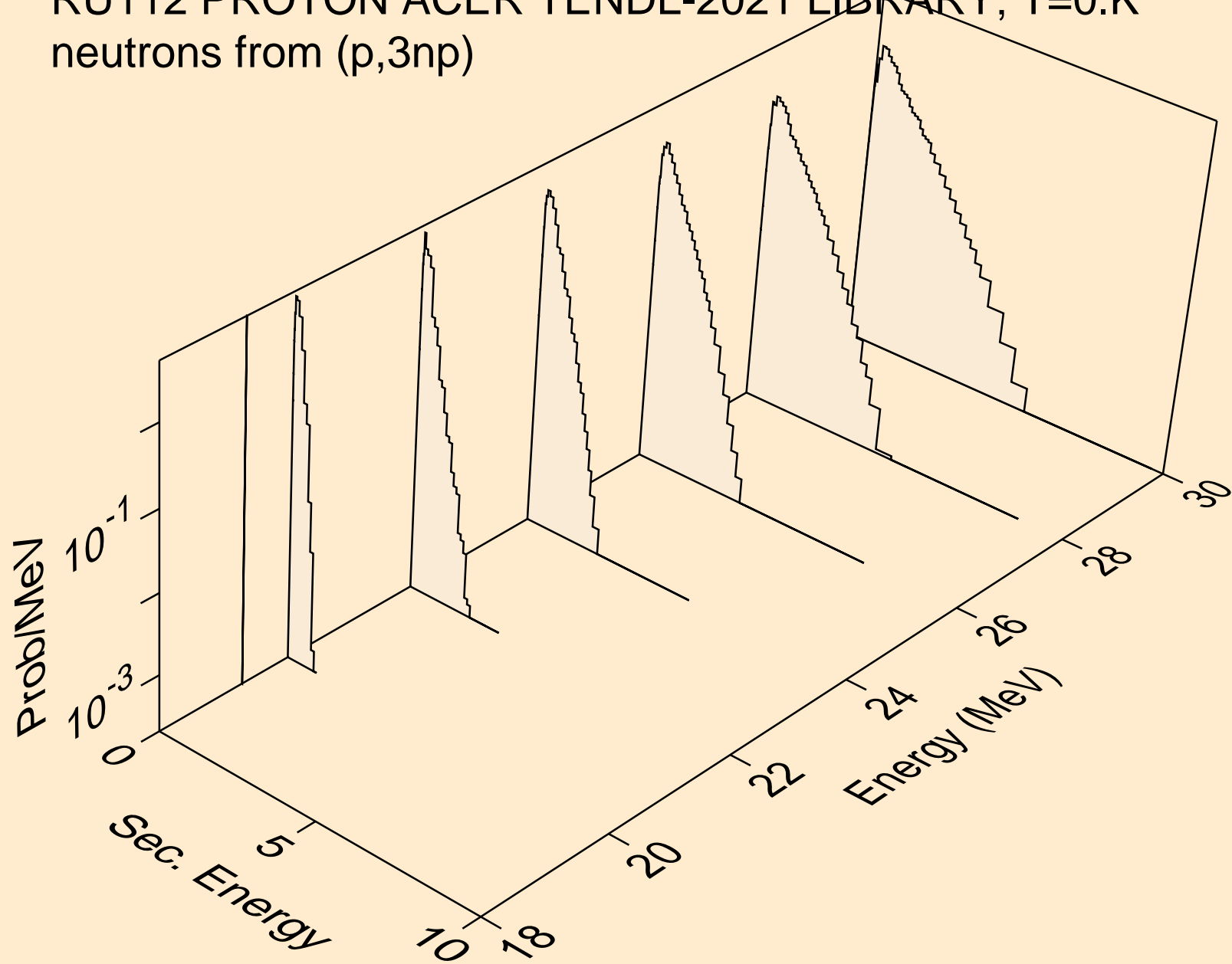
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neutrons from (p,4n)



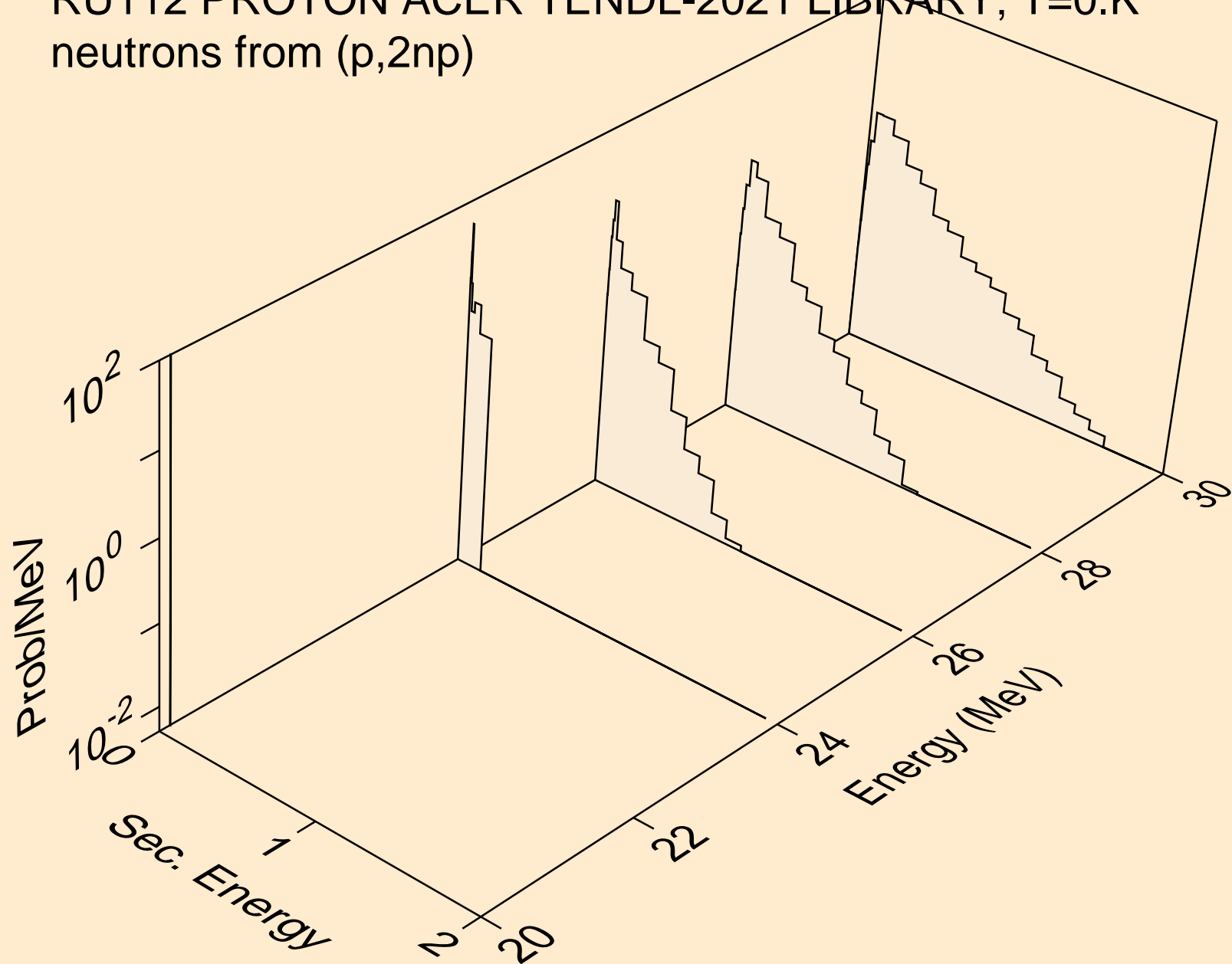
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neutrons from (p,2np)



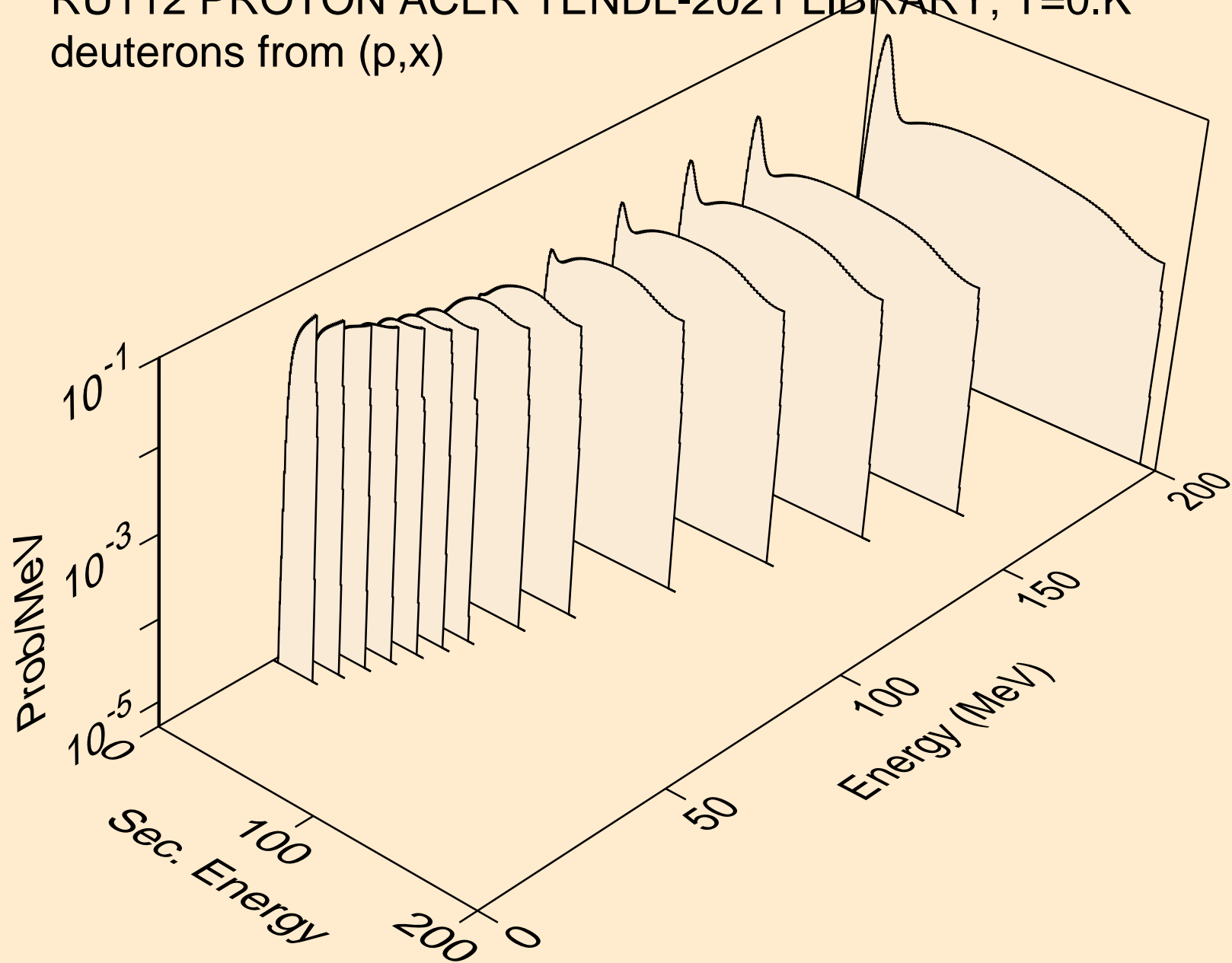
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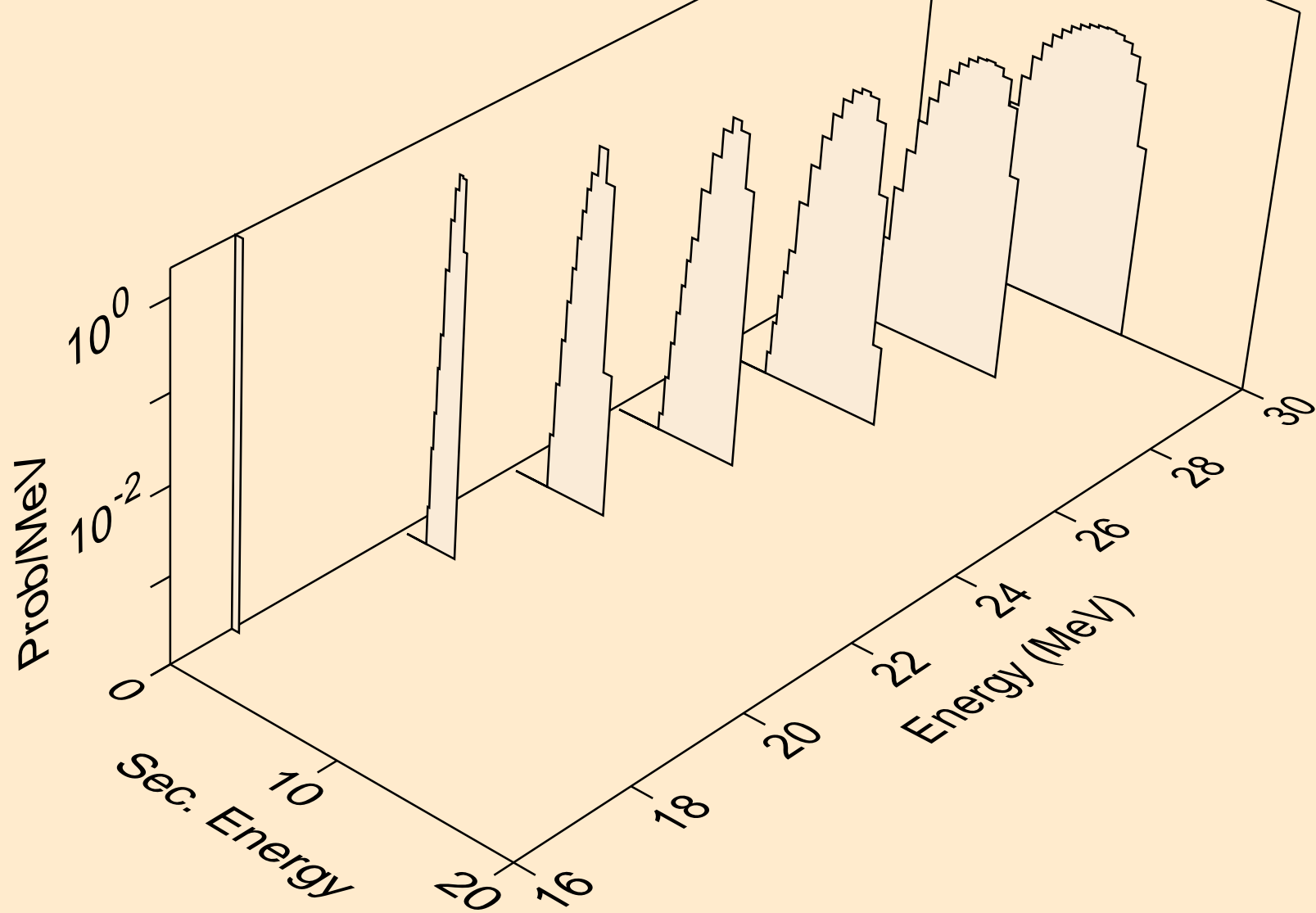
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neutrons from (p,2np)



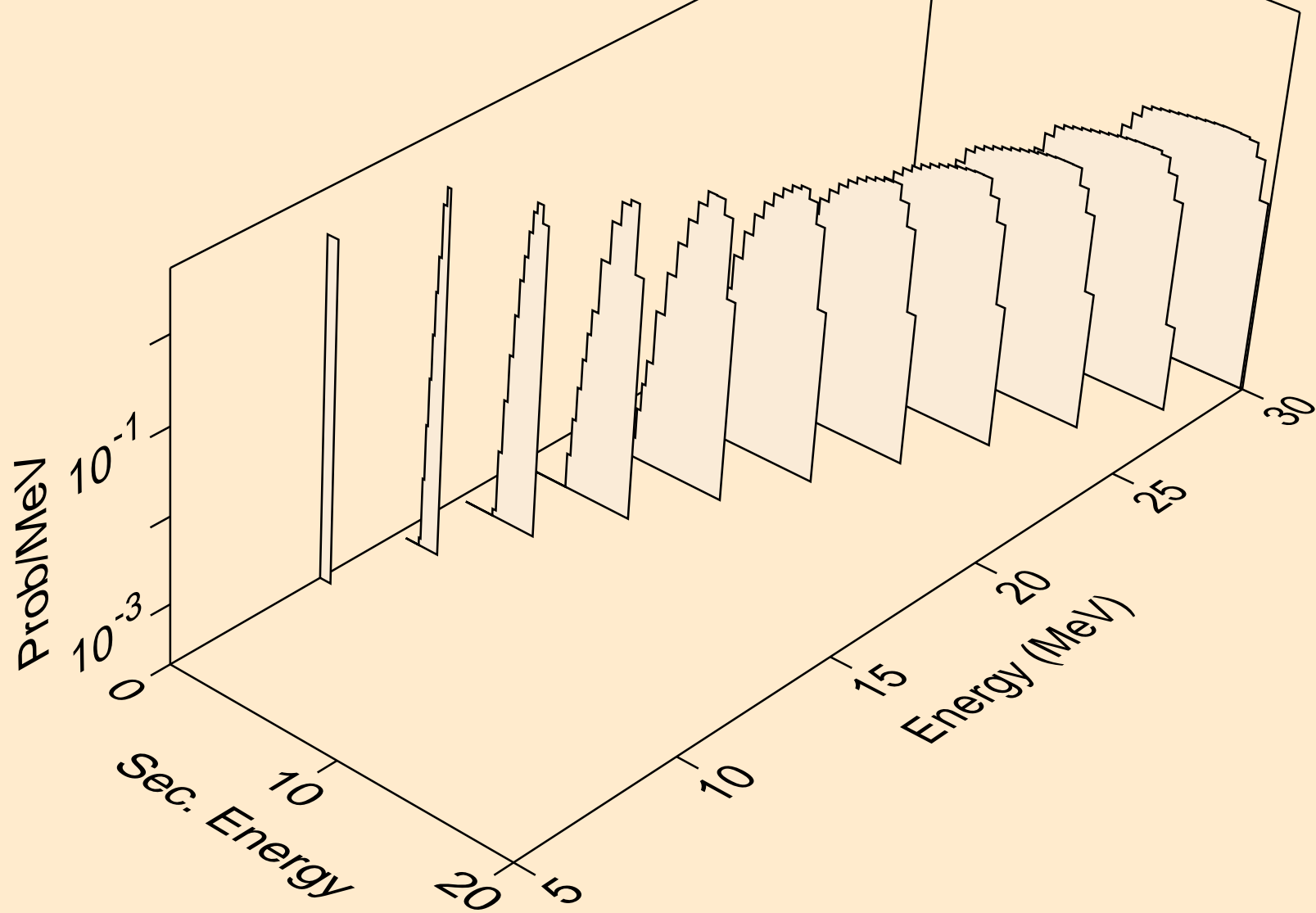
RU112 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,x)



RU112 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,2nd)

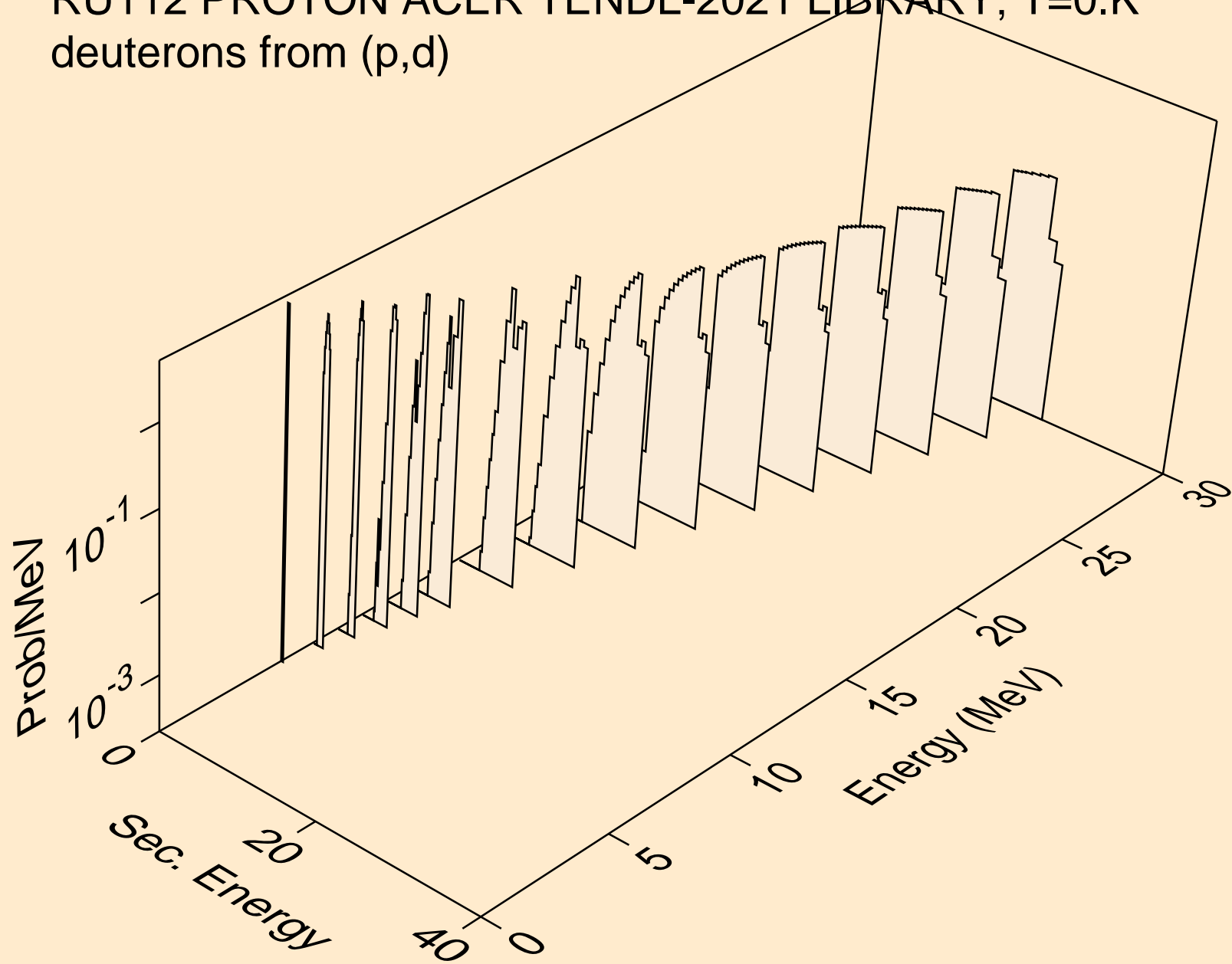


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deuterons from (p,n\*)d

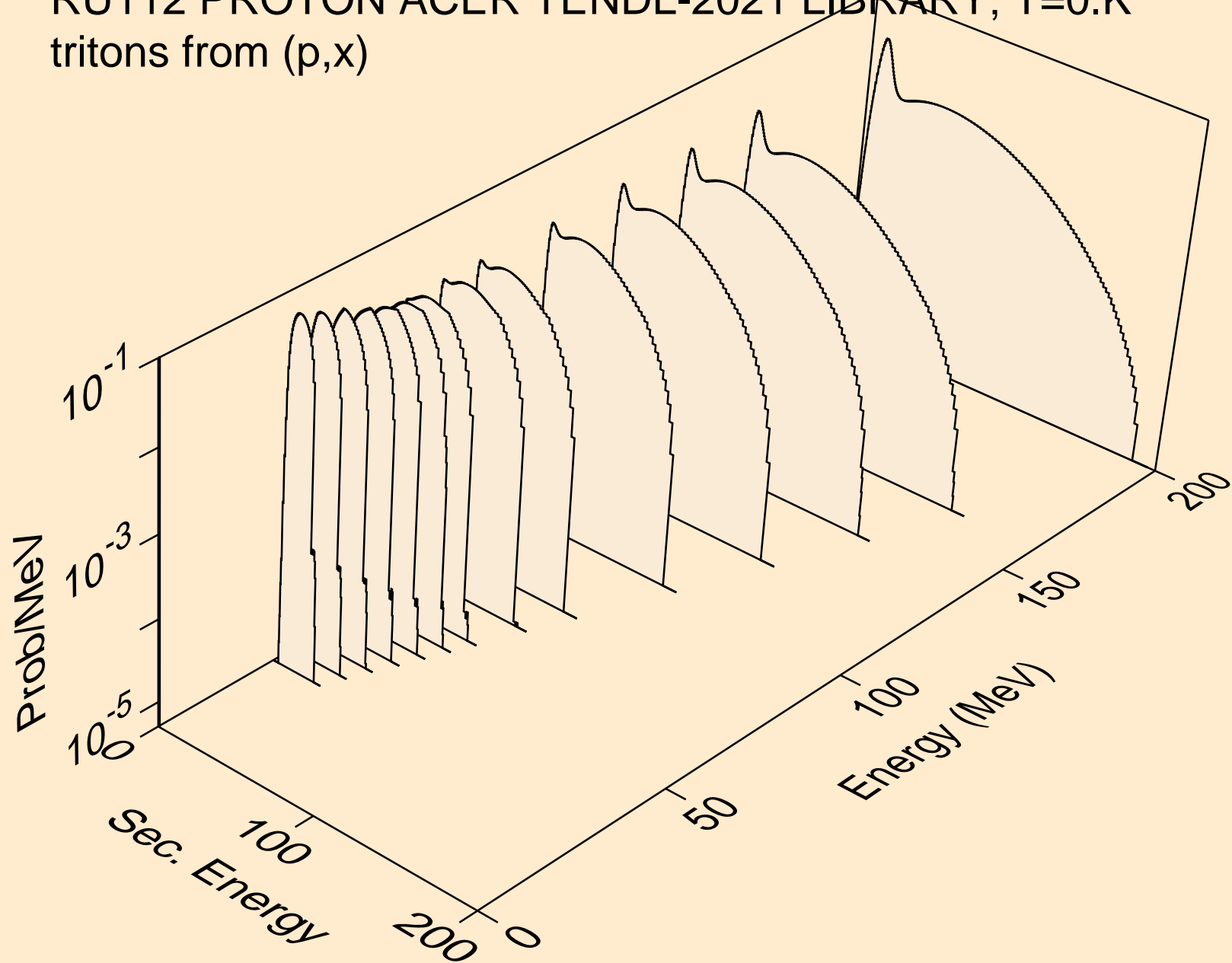




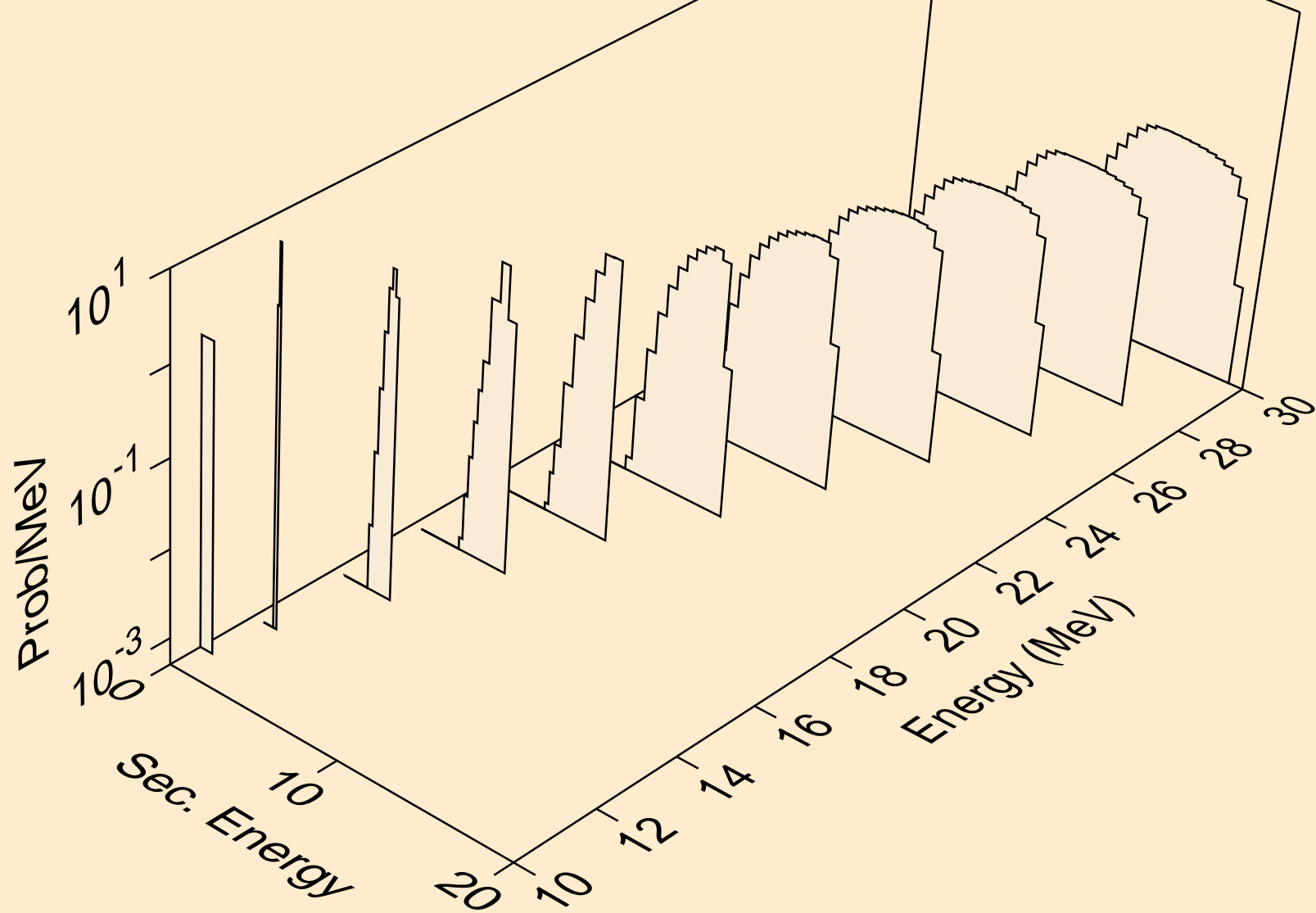
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deuterons from (p,d)



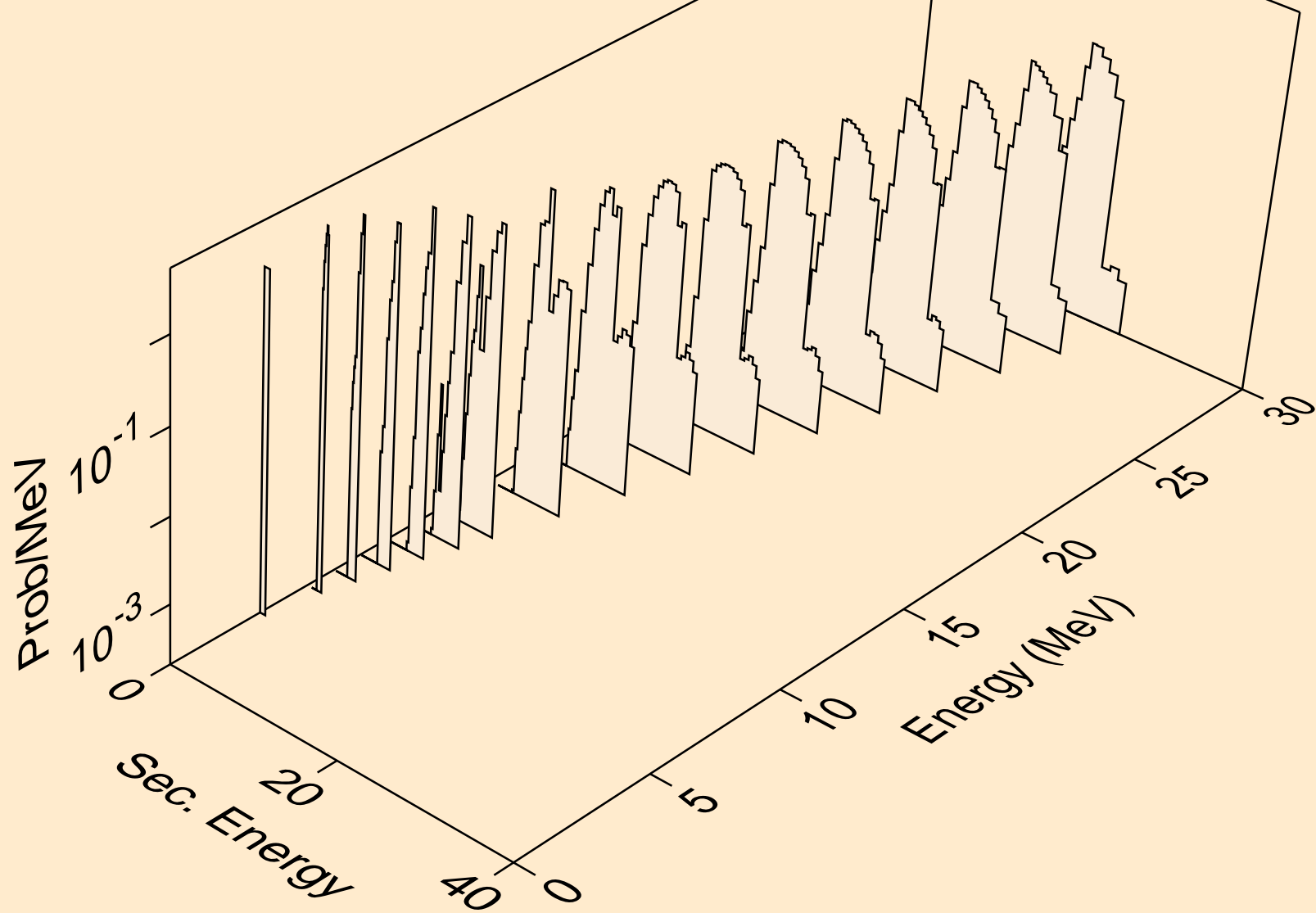
RU112 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,x)



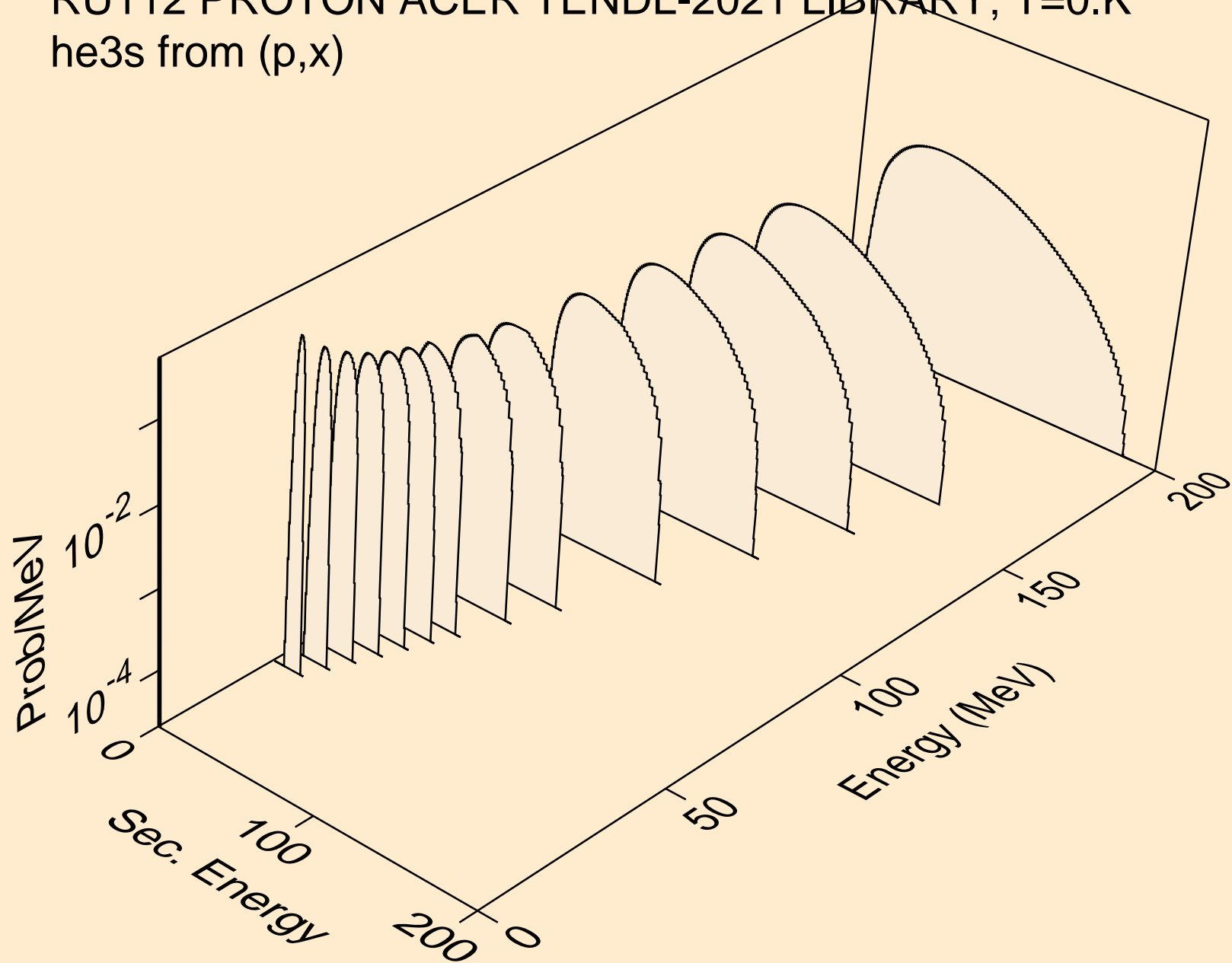
RU112 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,n\*)t



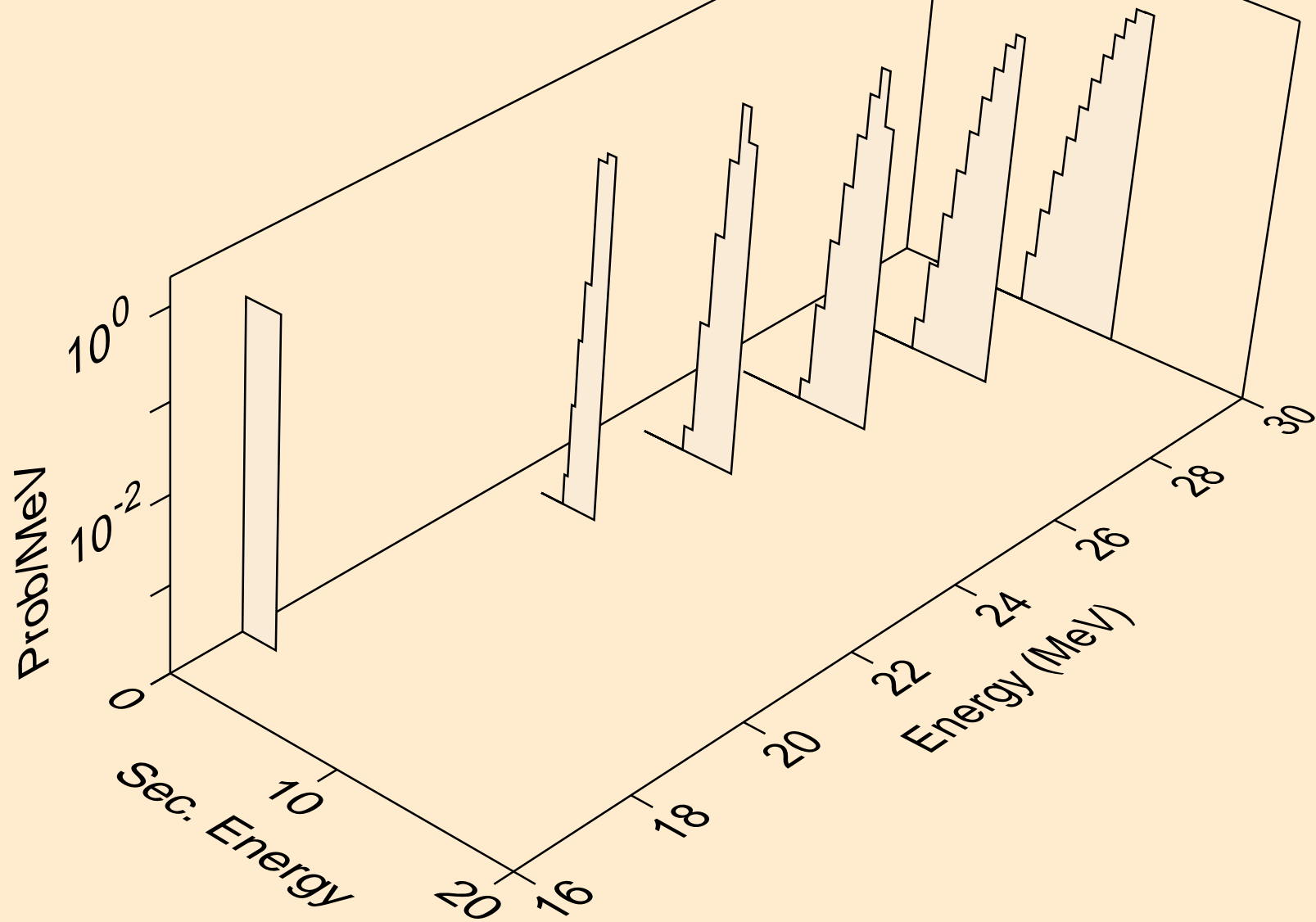
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tritons from (p,t)



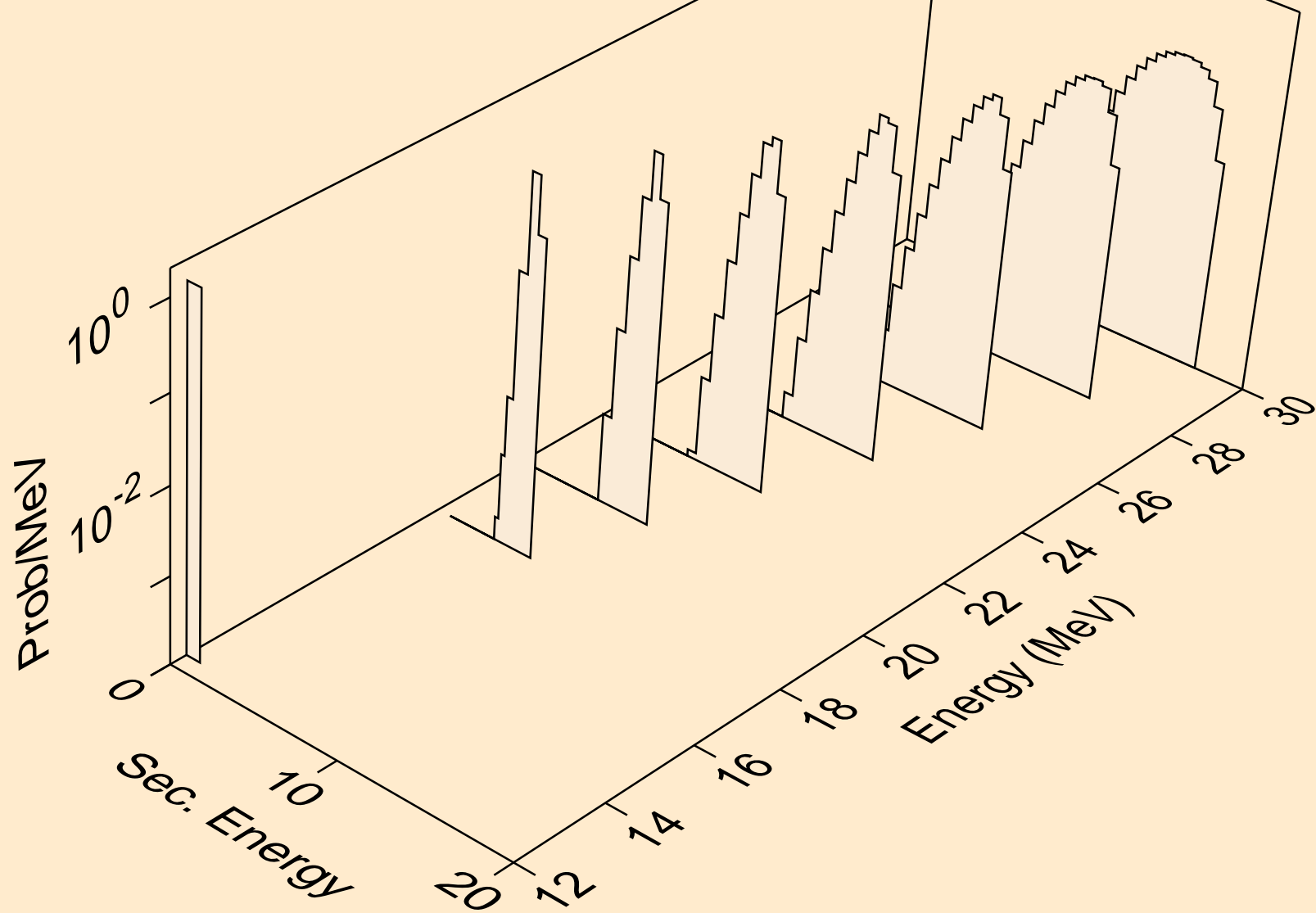
RU112 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,x)



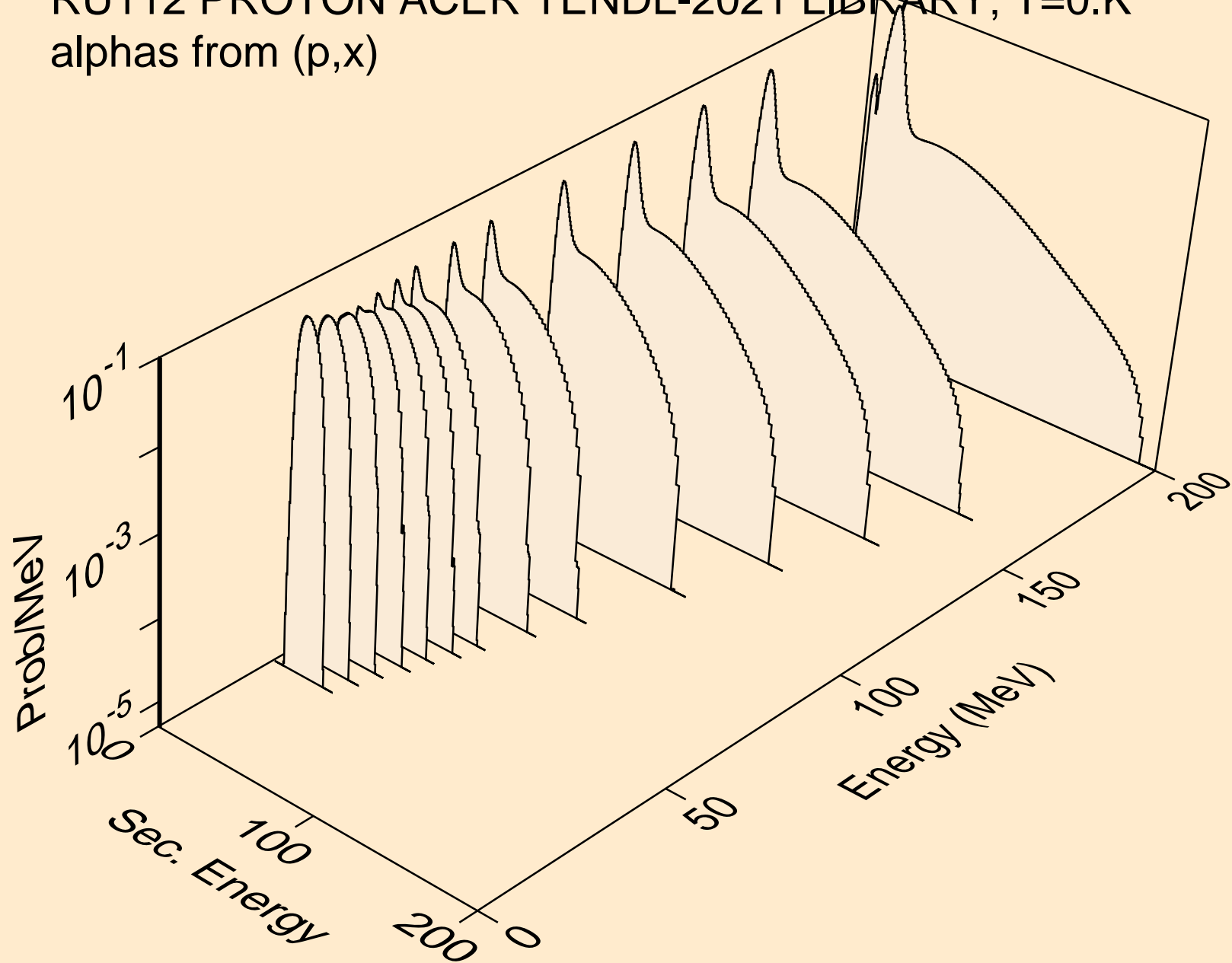
RU112 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,n\*)he3



RU112 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,he3)

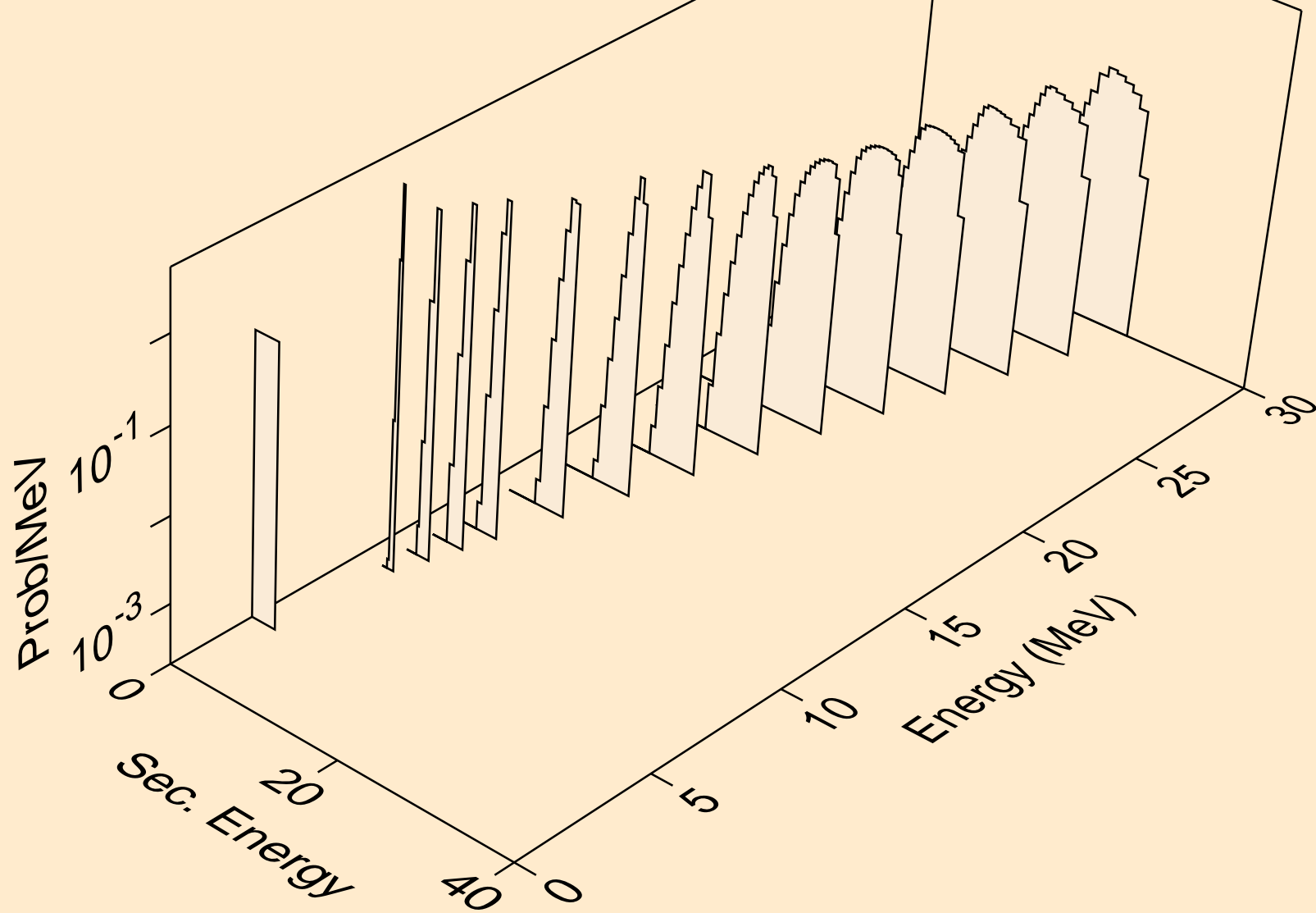


RU112 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,x)

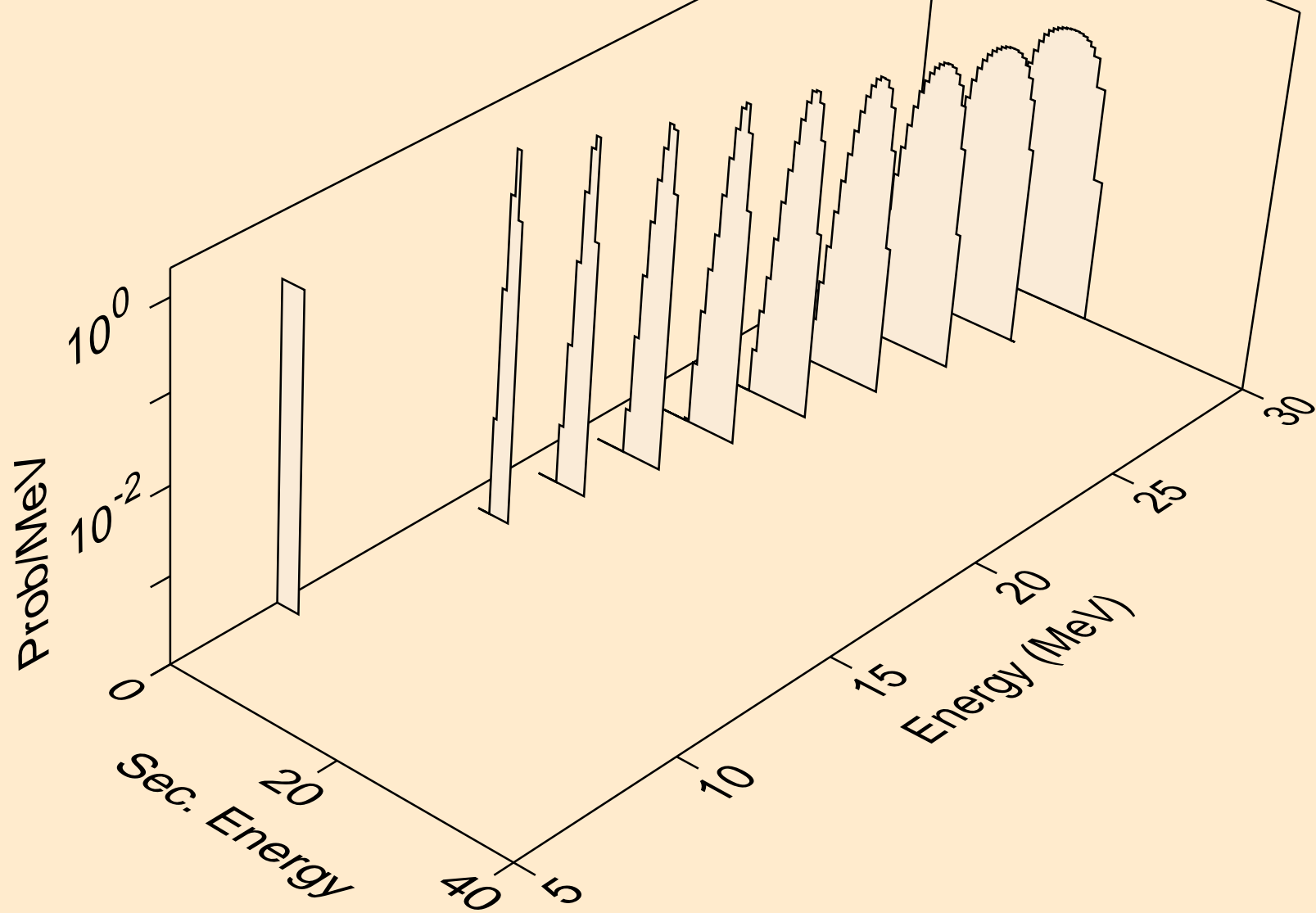




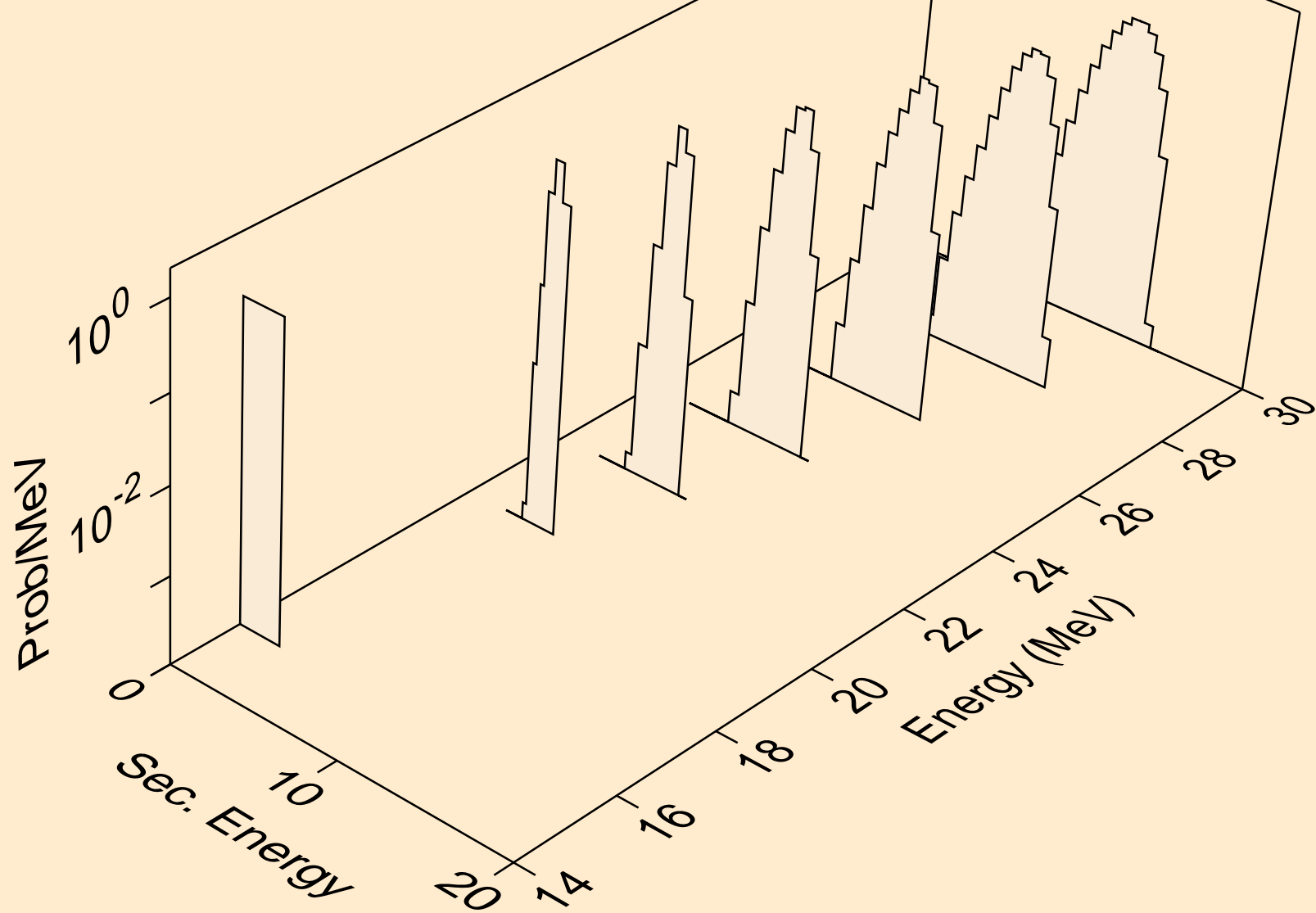
RU112 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,n\*)a



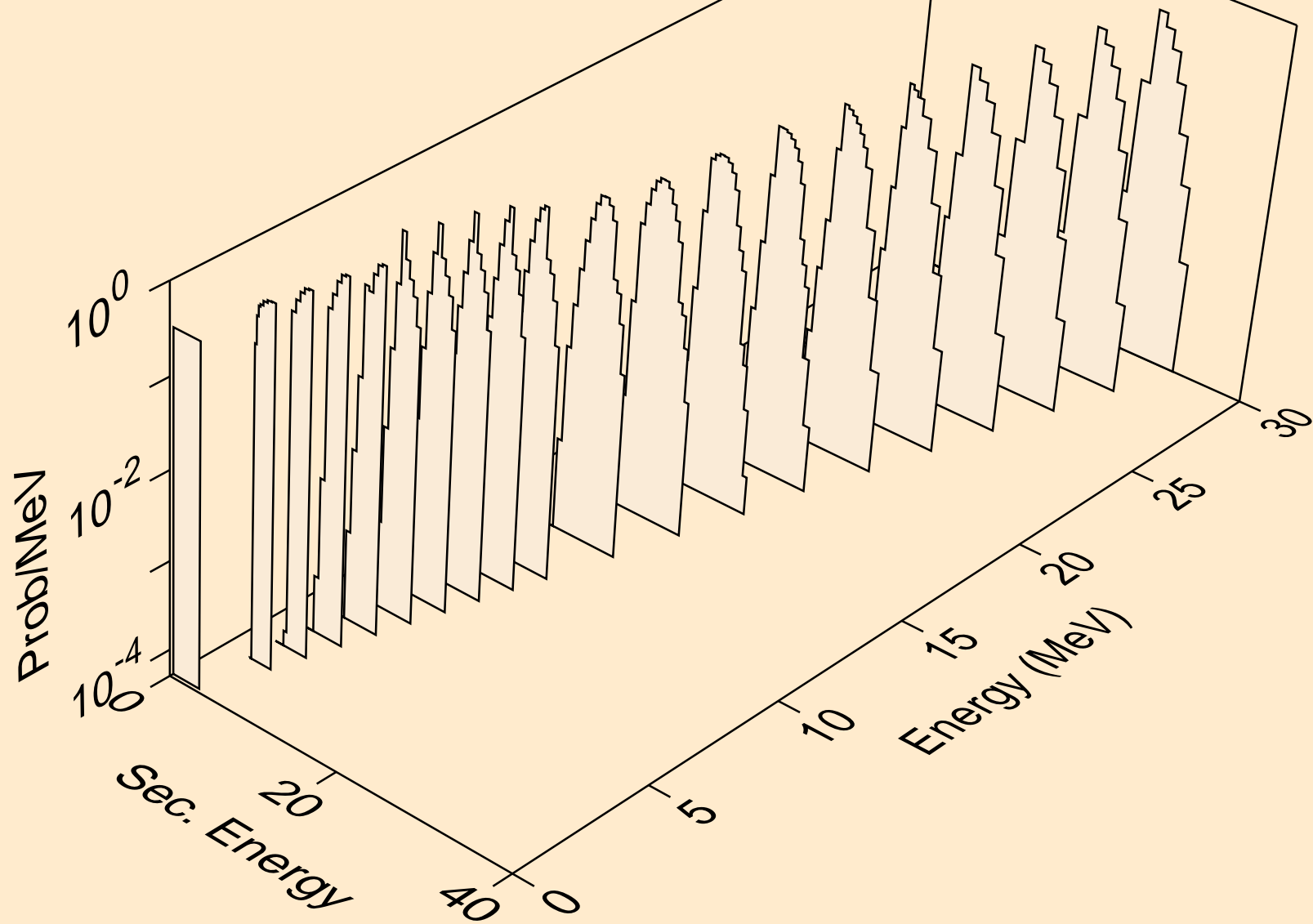
RU112 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,2n)a



RU112 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,3n)a



RU112 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,a)



RU112 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,pa)

