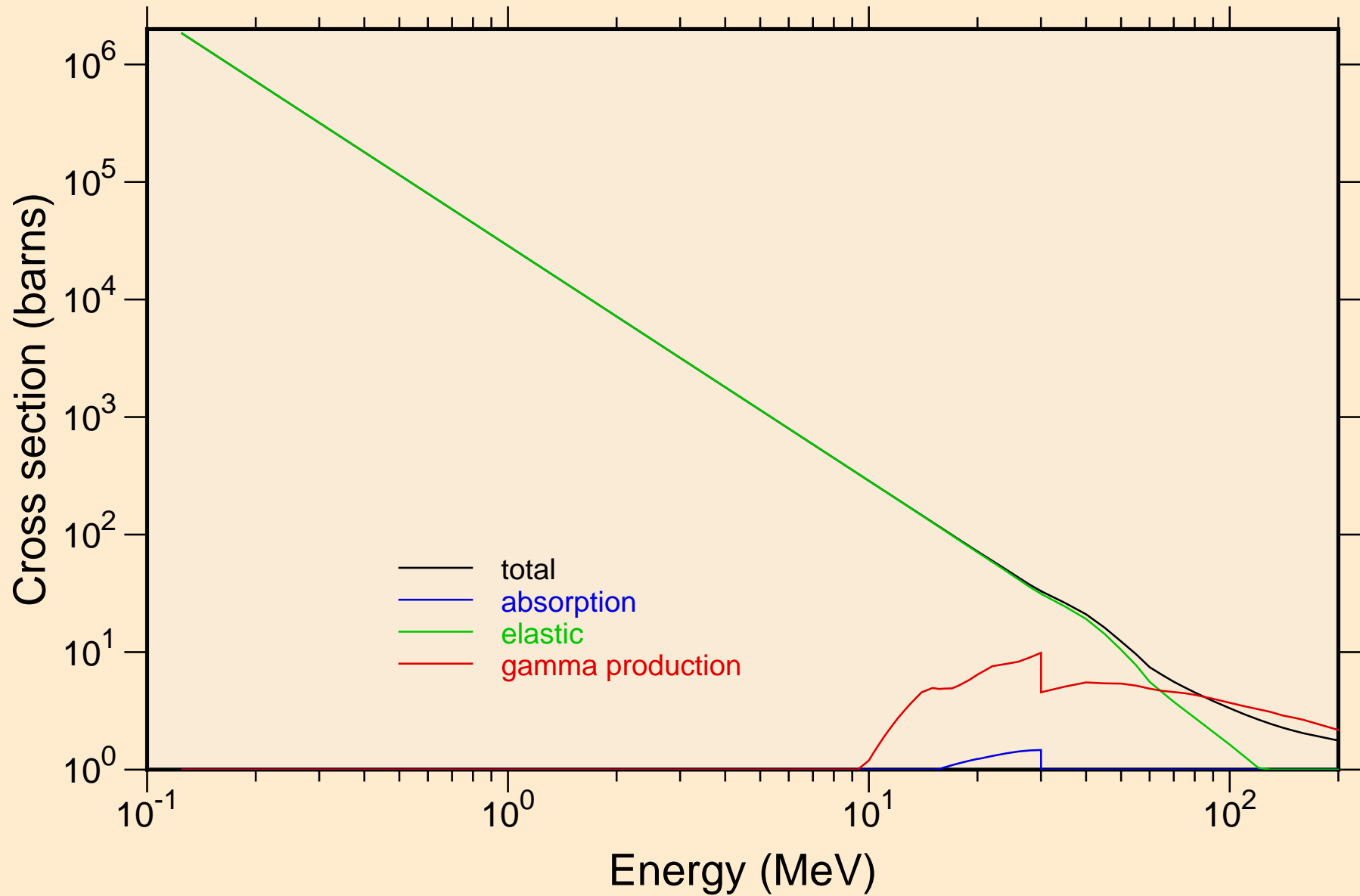


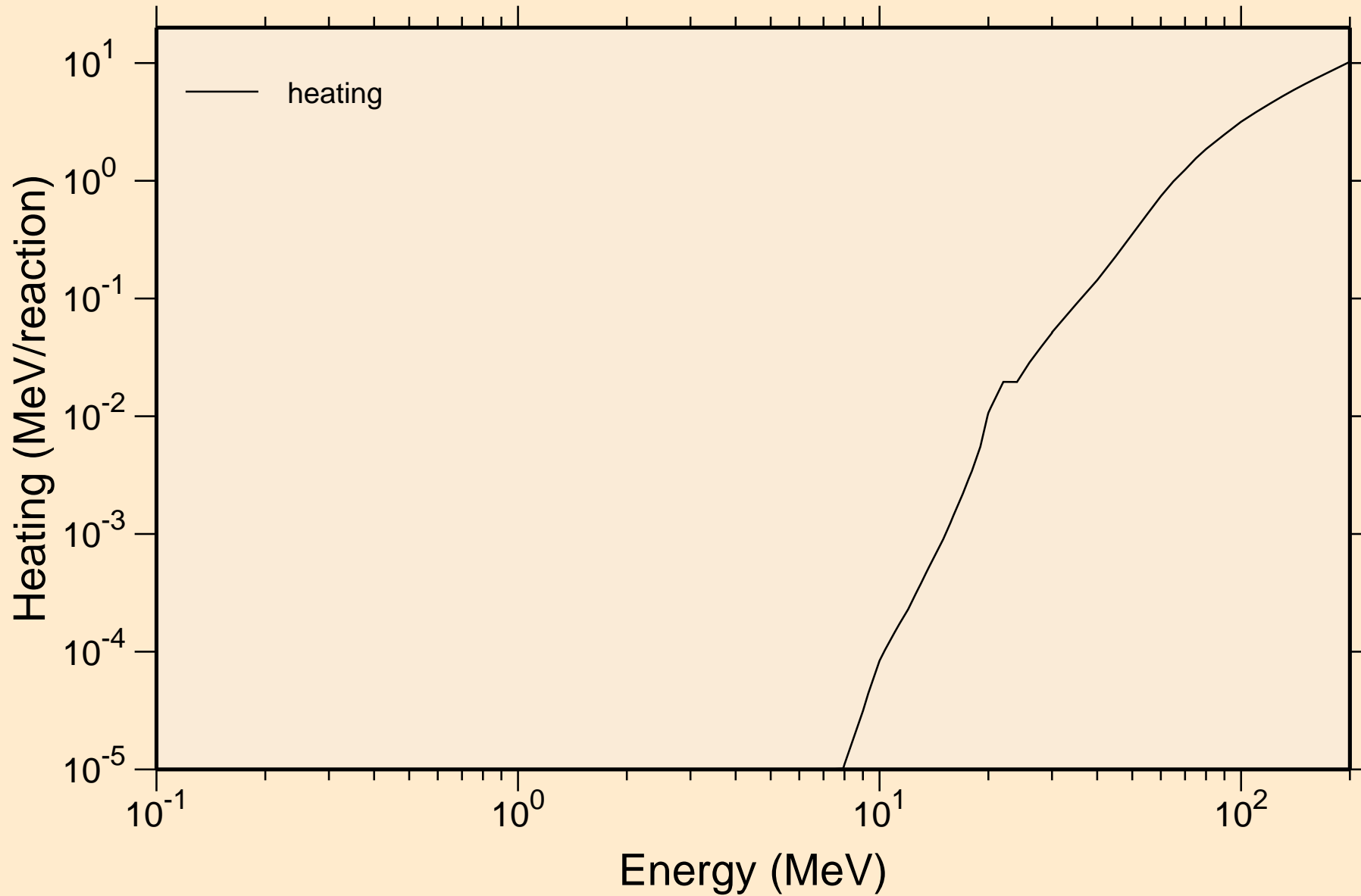
# ER172 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



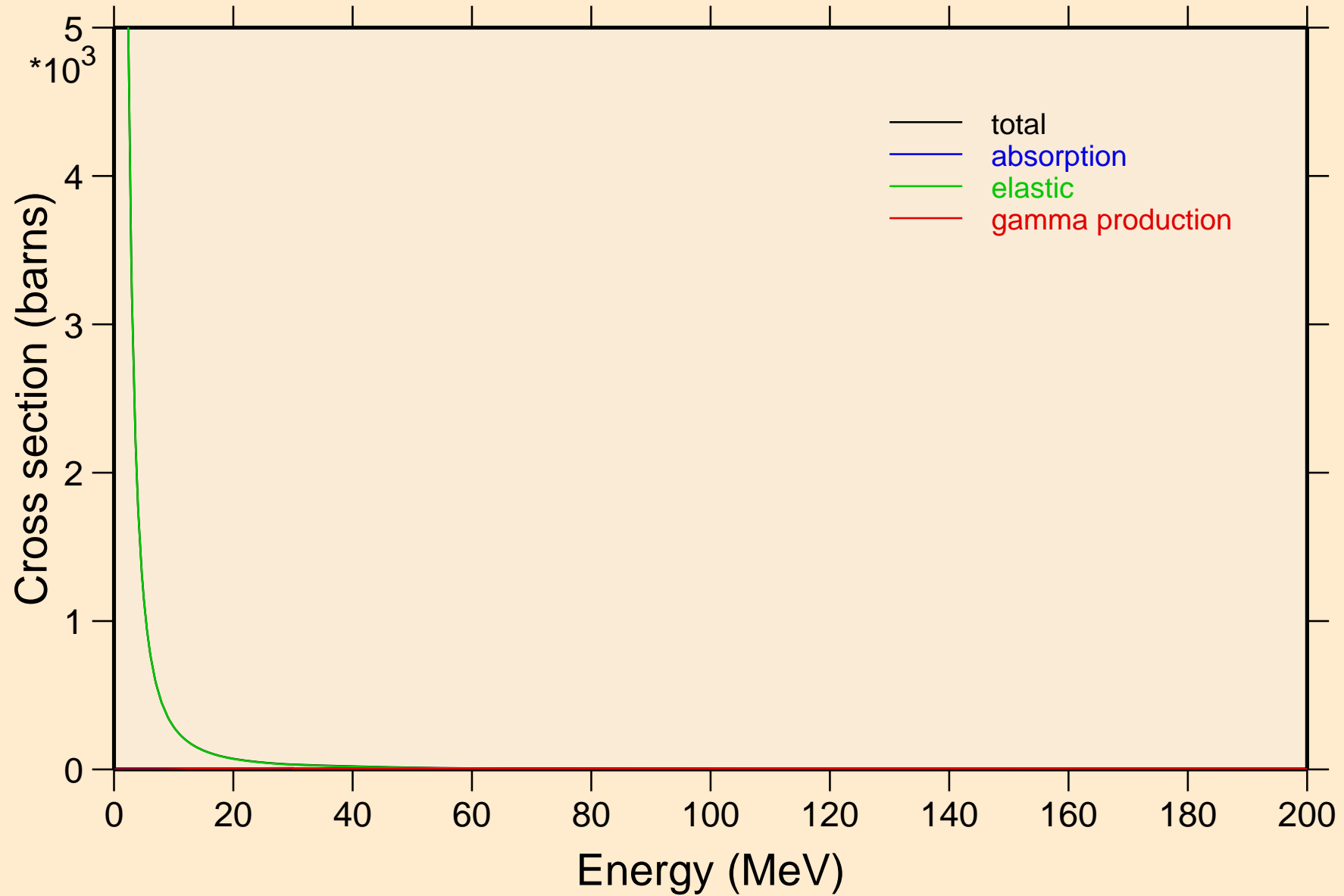
# ER172 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



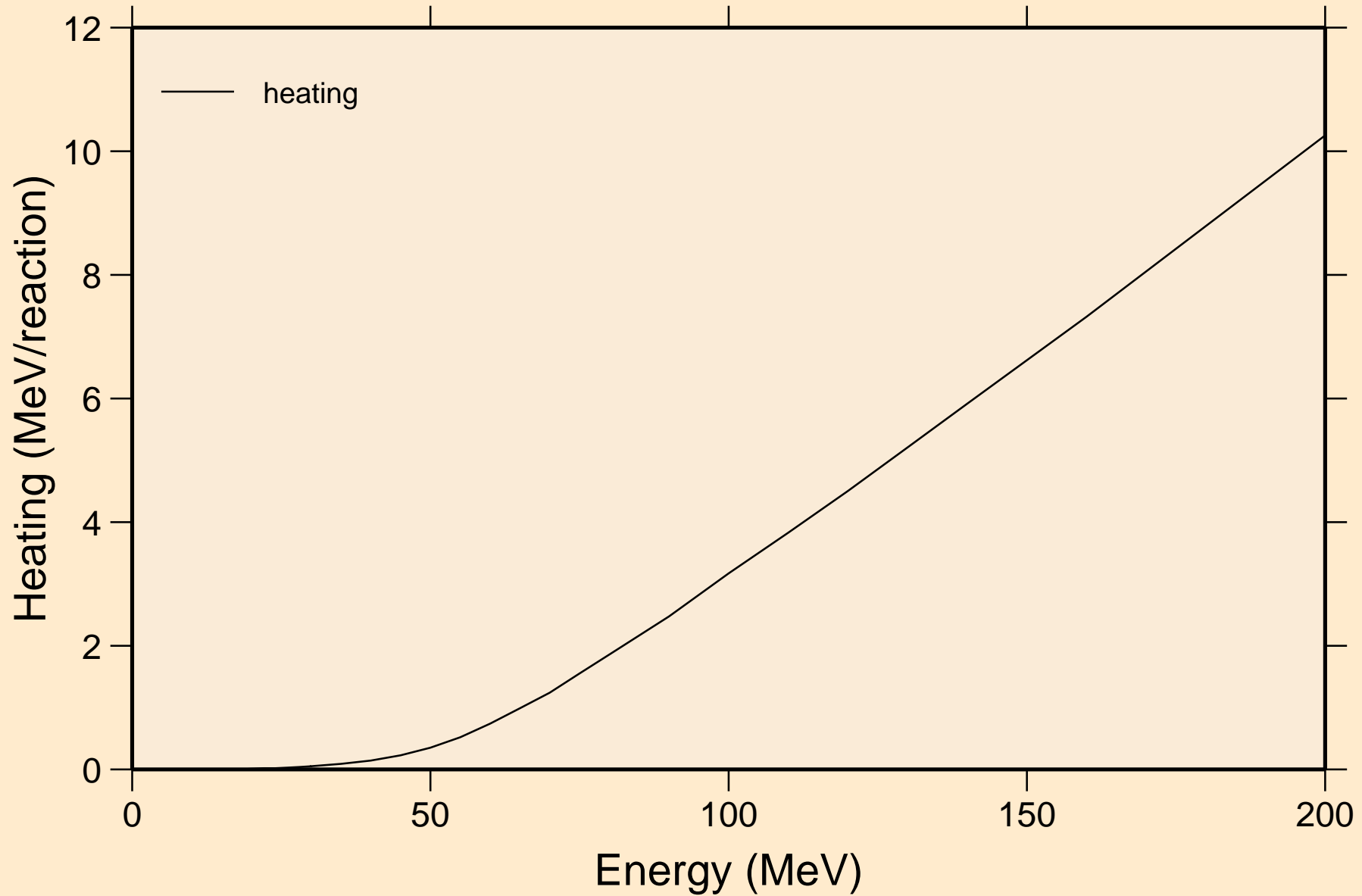
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## Principal cross sections



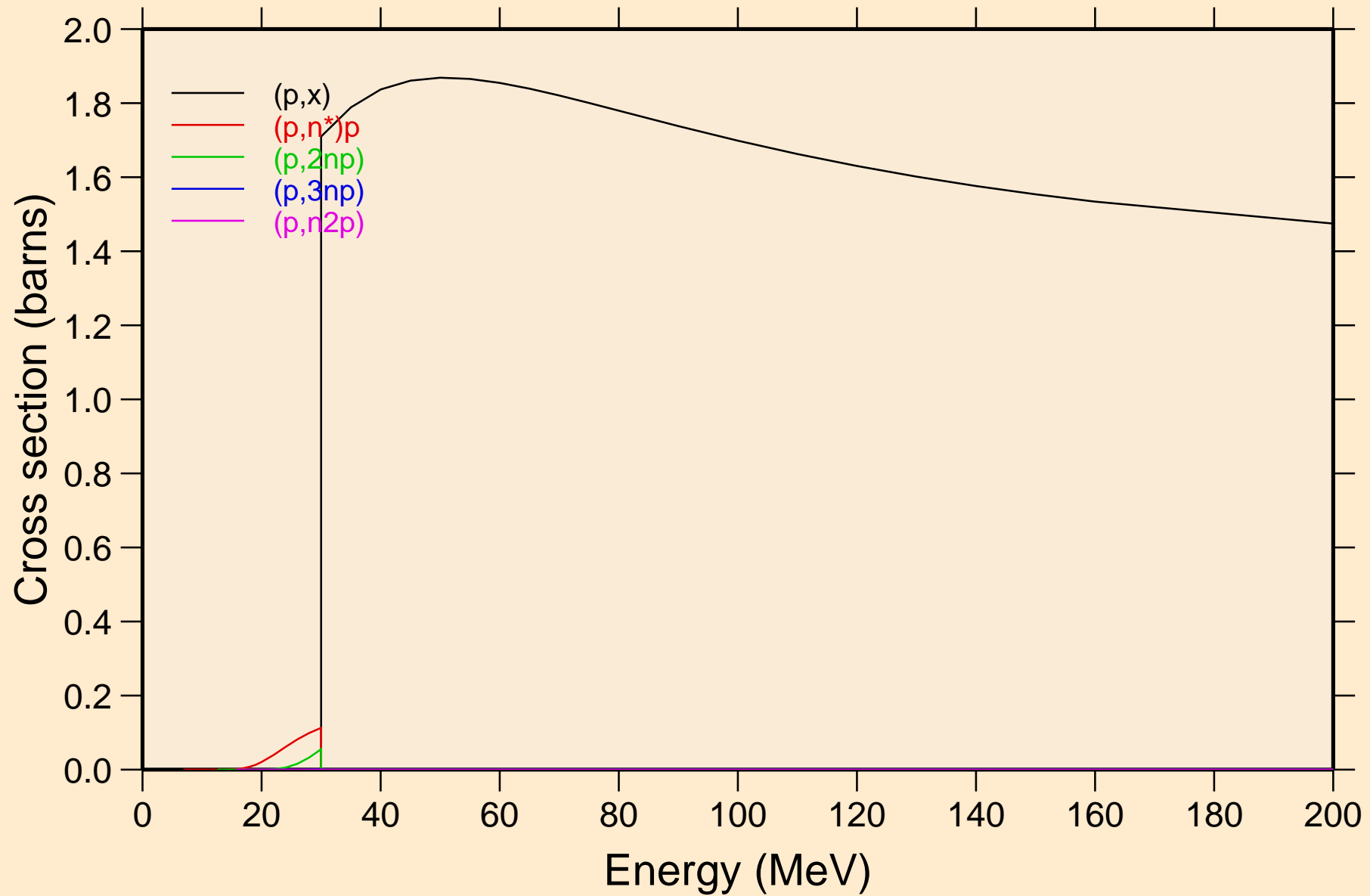
ER172 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Heating

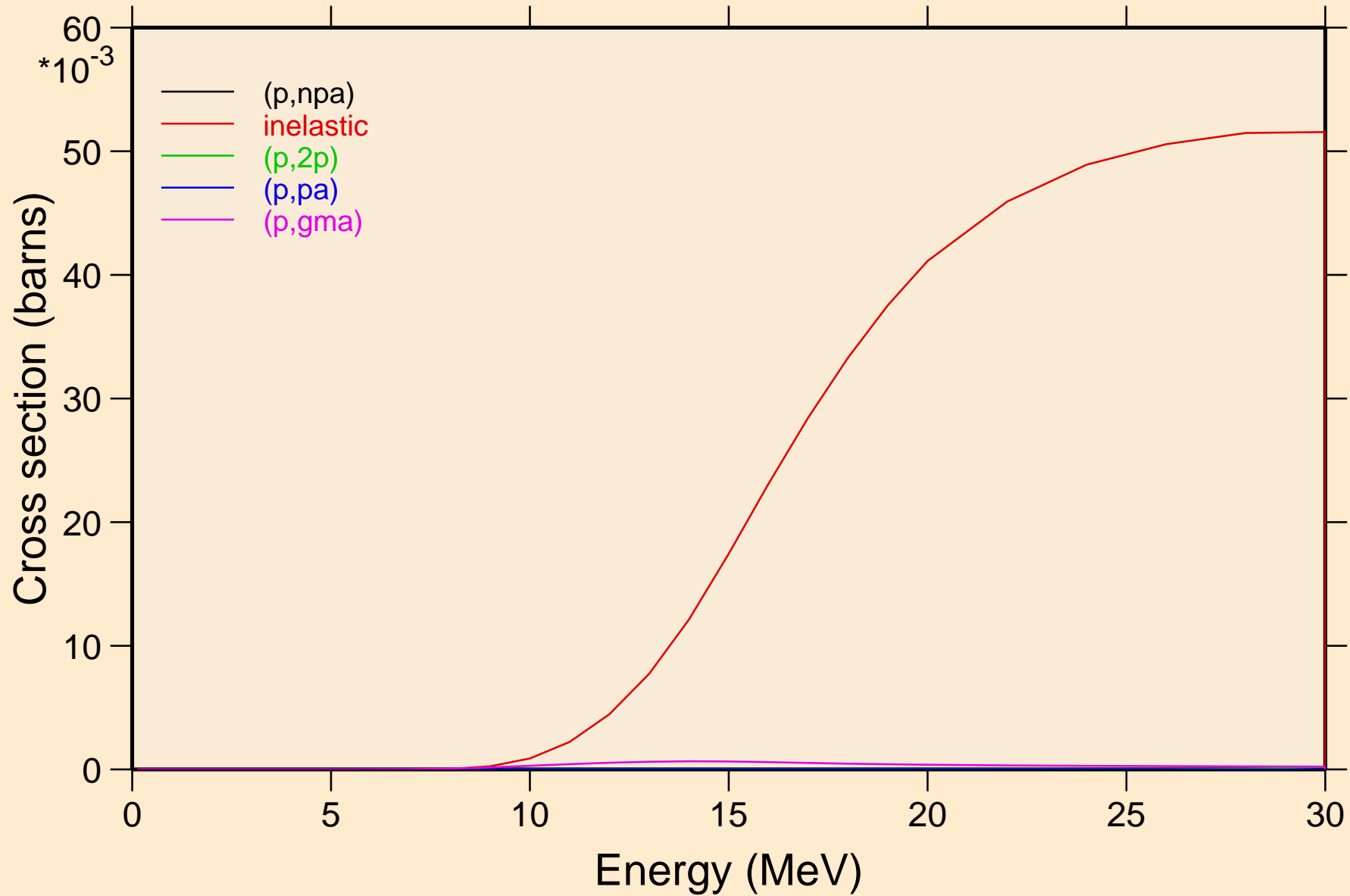


# ER172 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

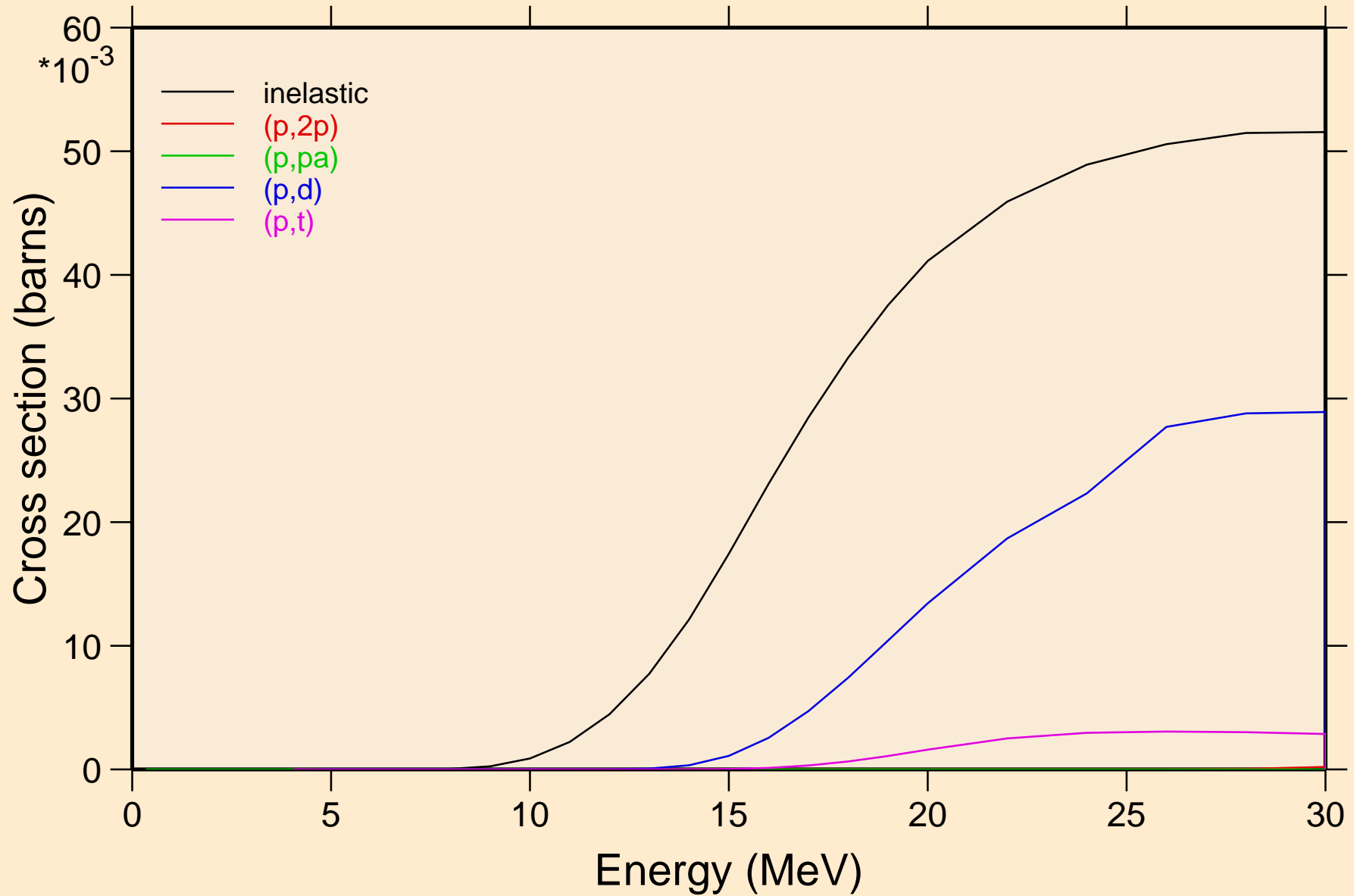


ER172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



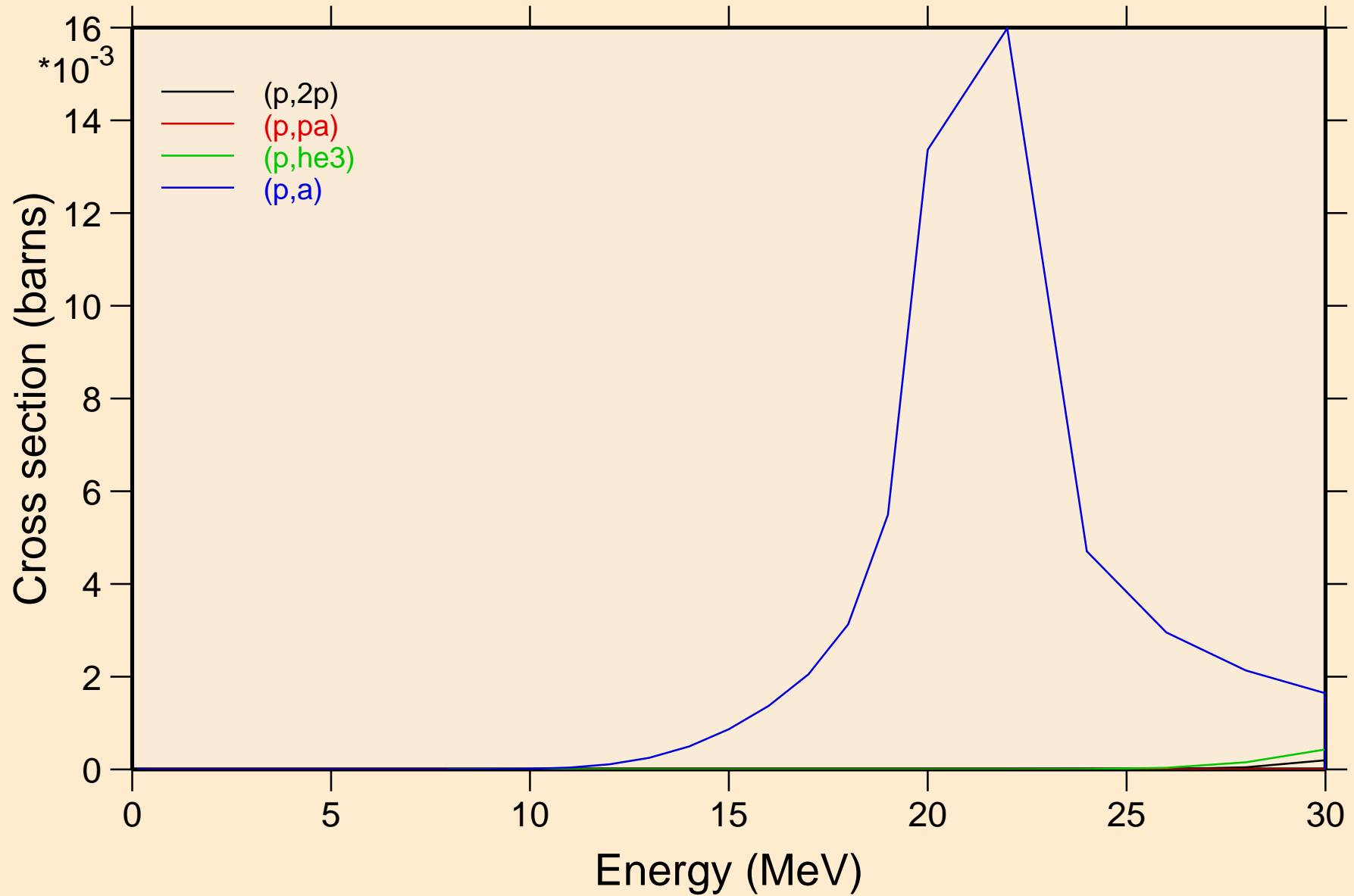
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## Threshold reactions



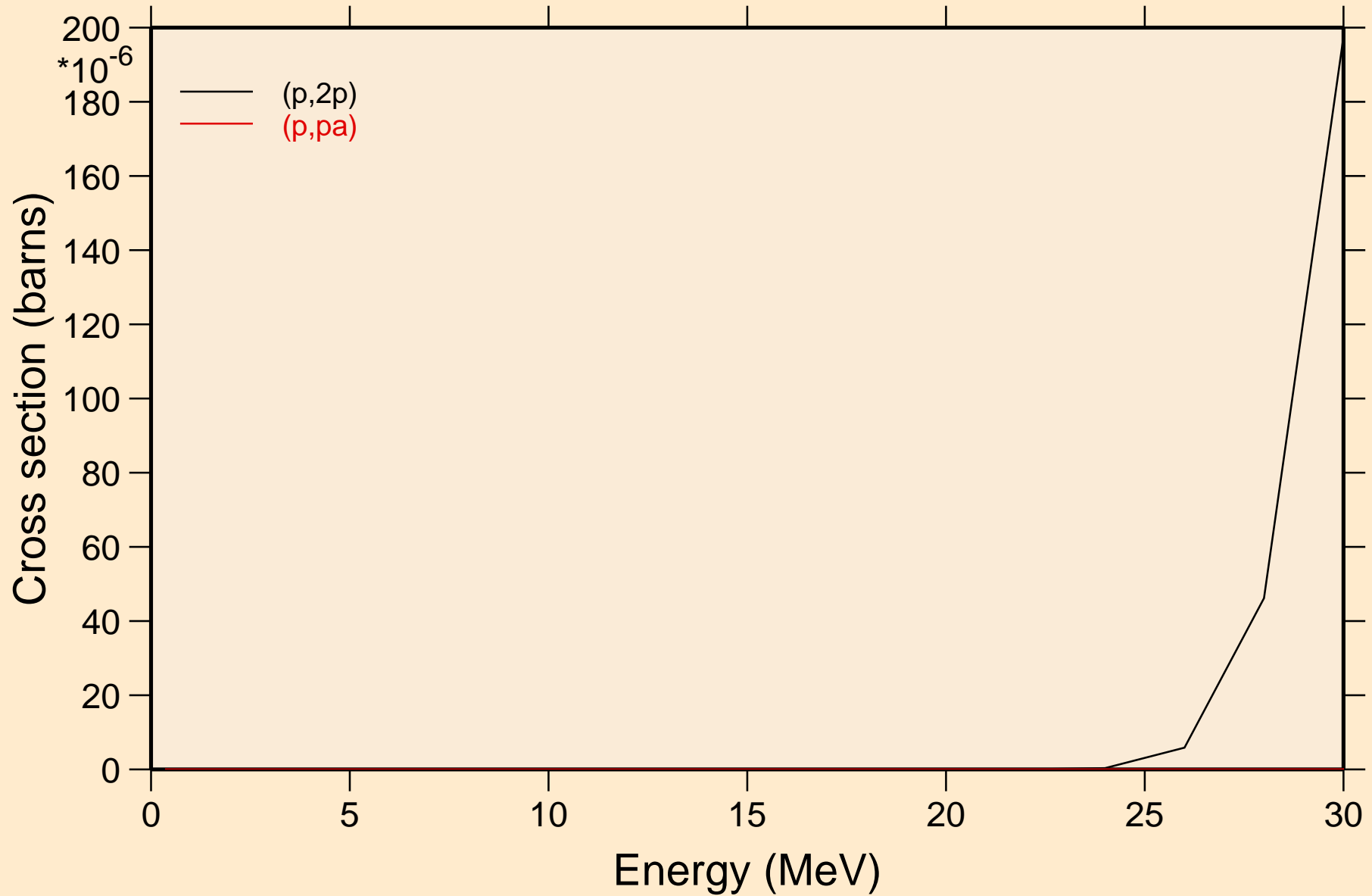
# ER172 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

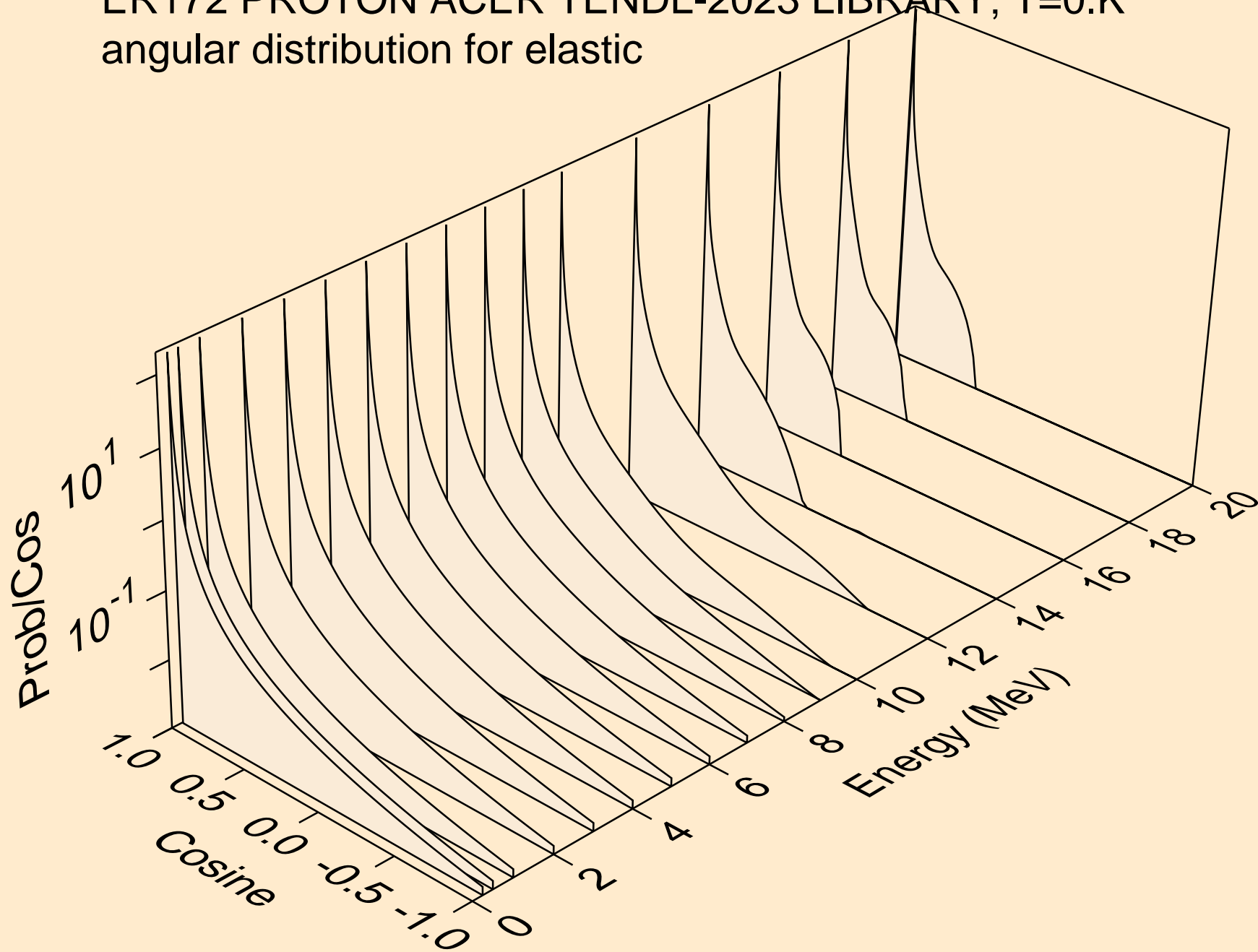




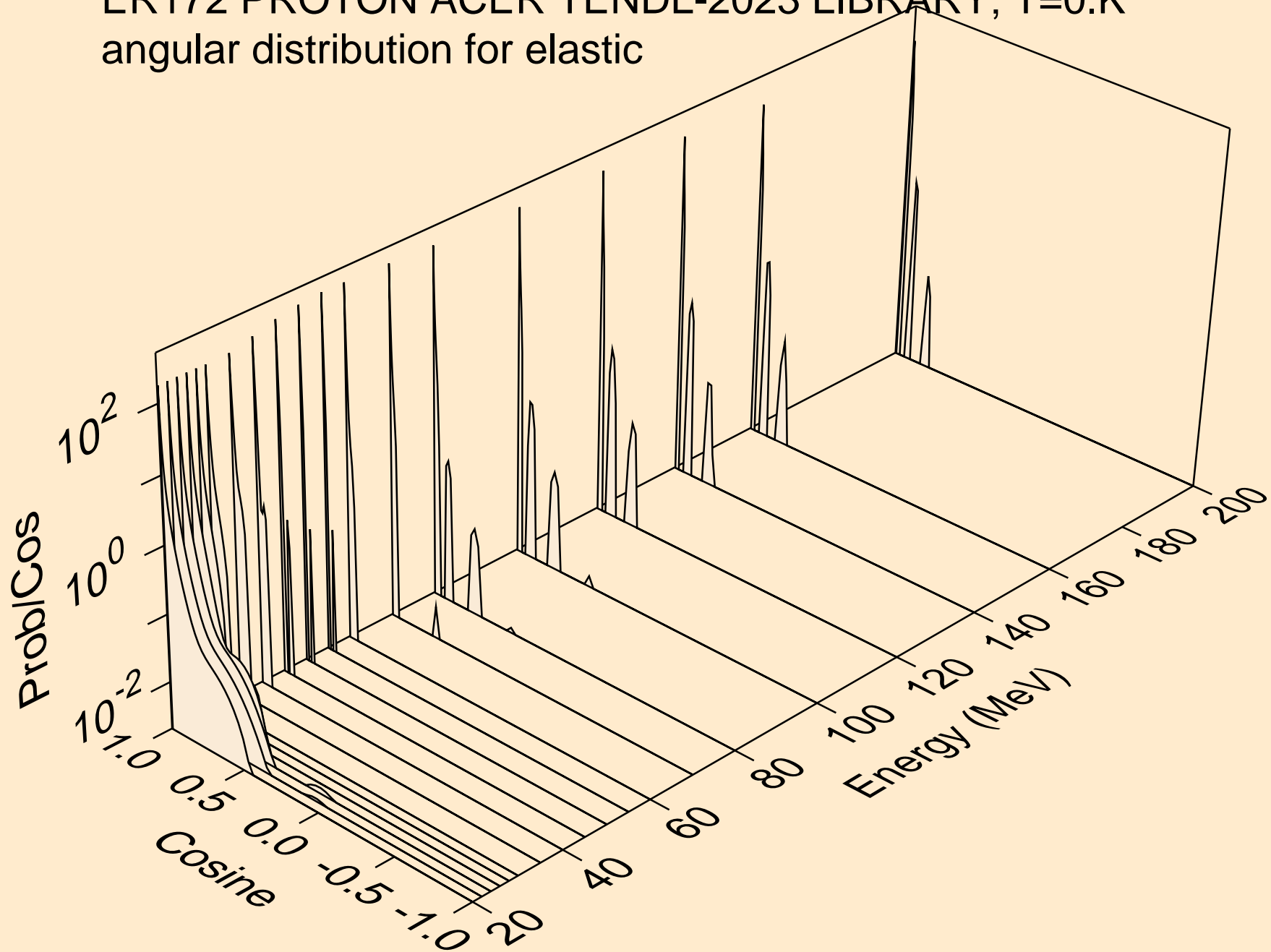
ER172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



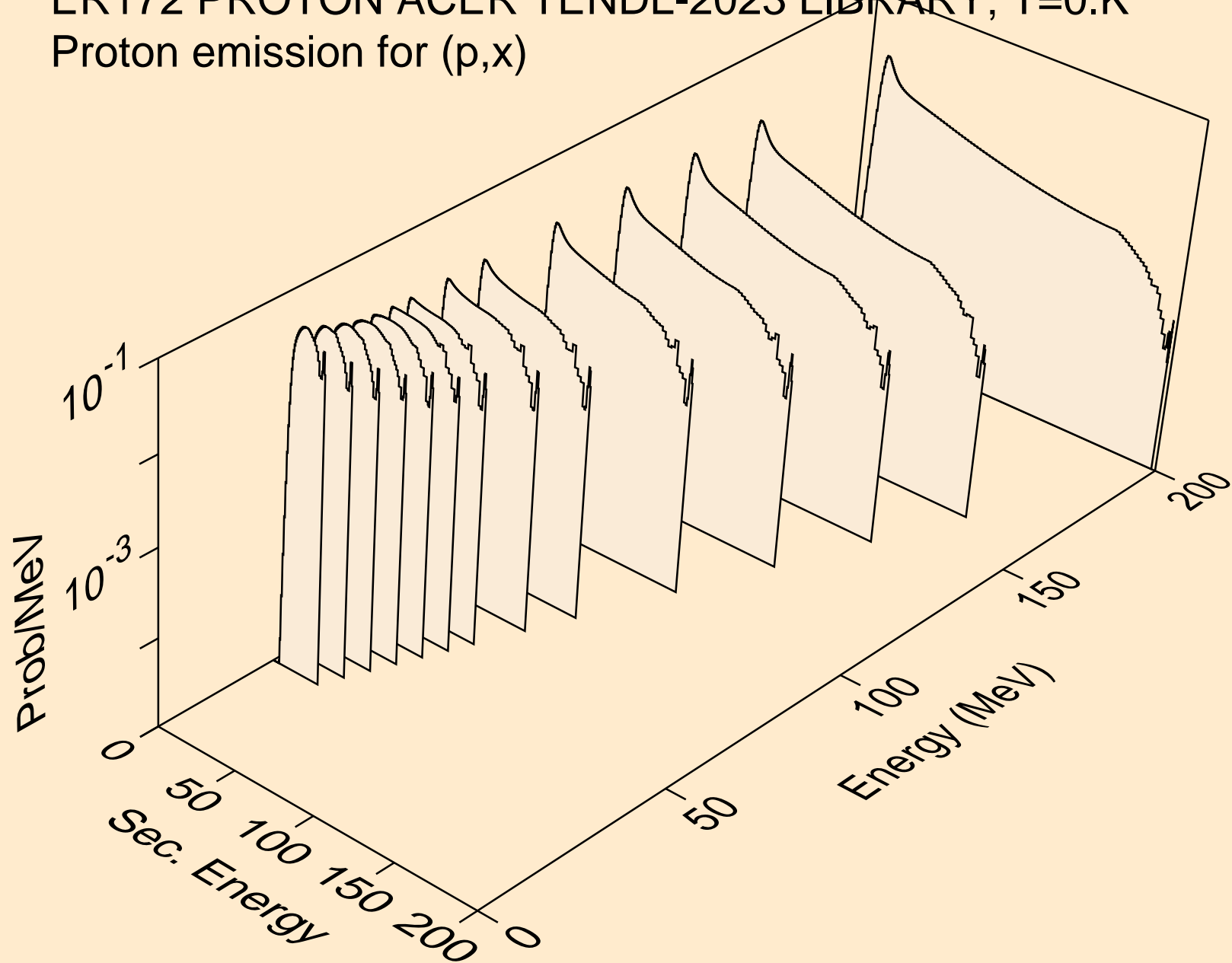
ER172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



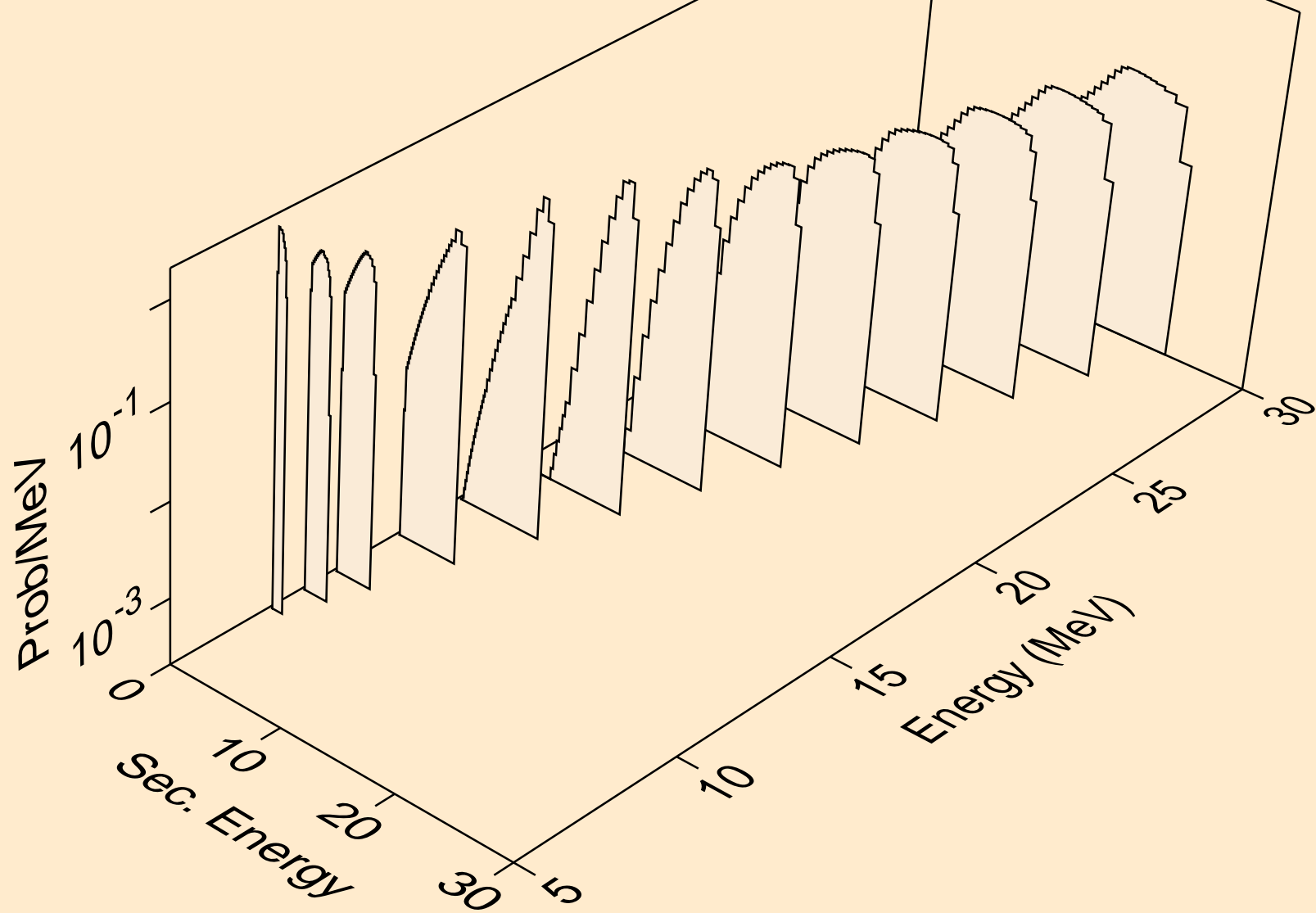
ER172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



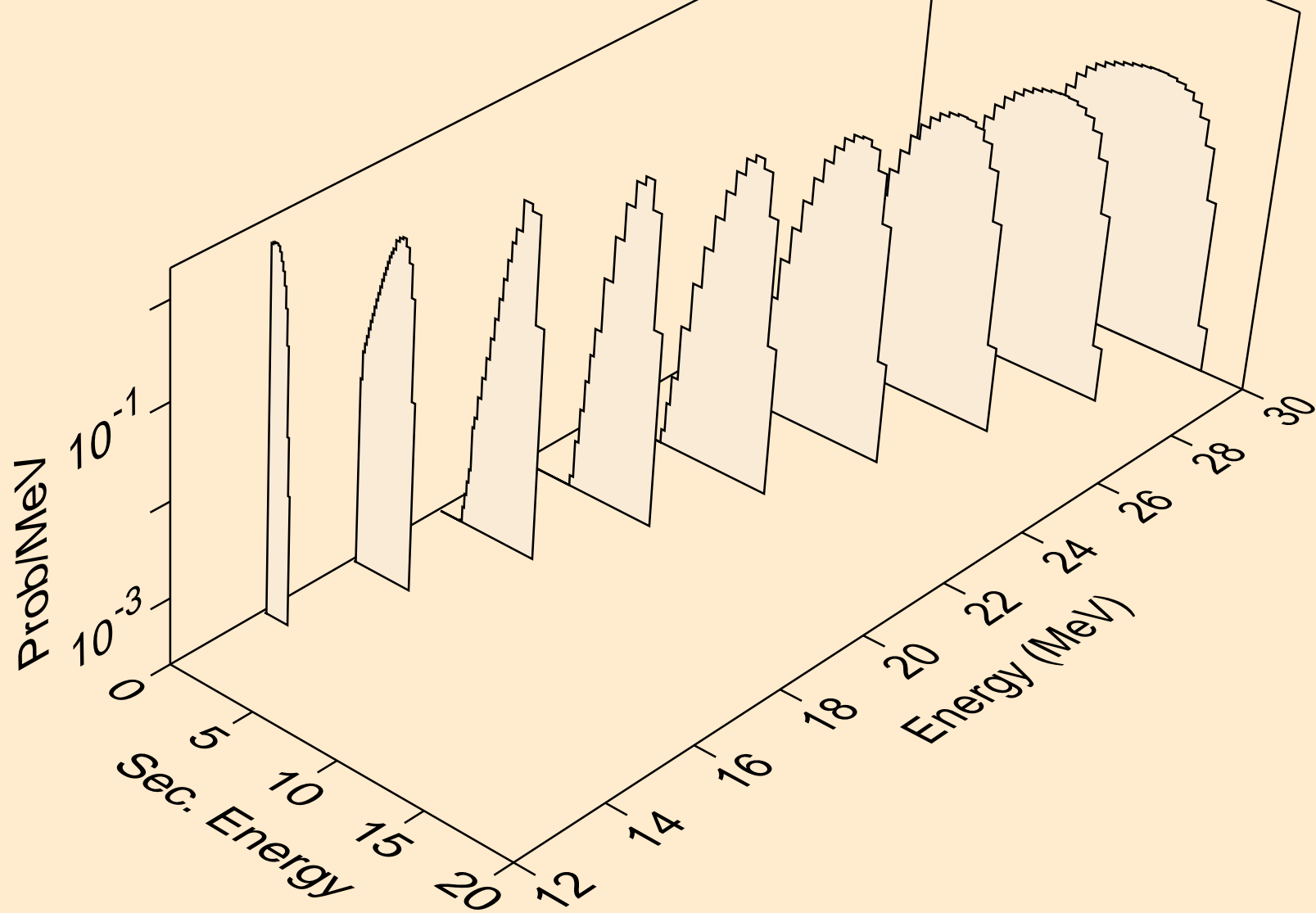
ER172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



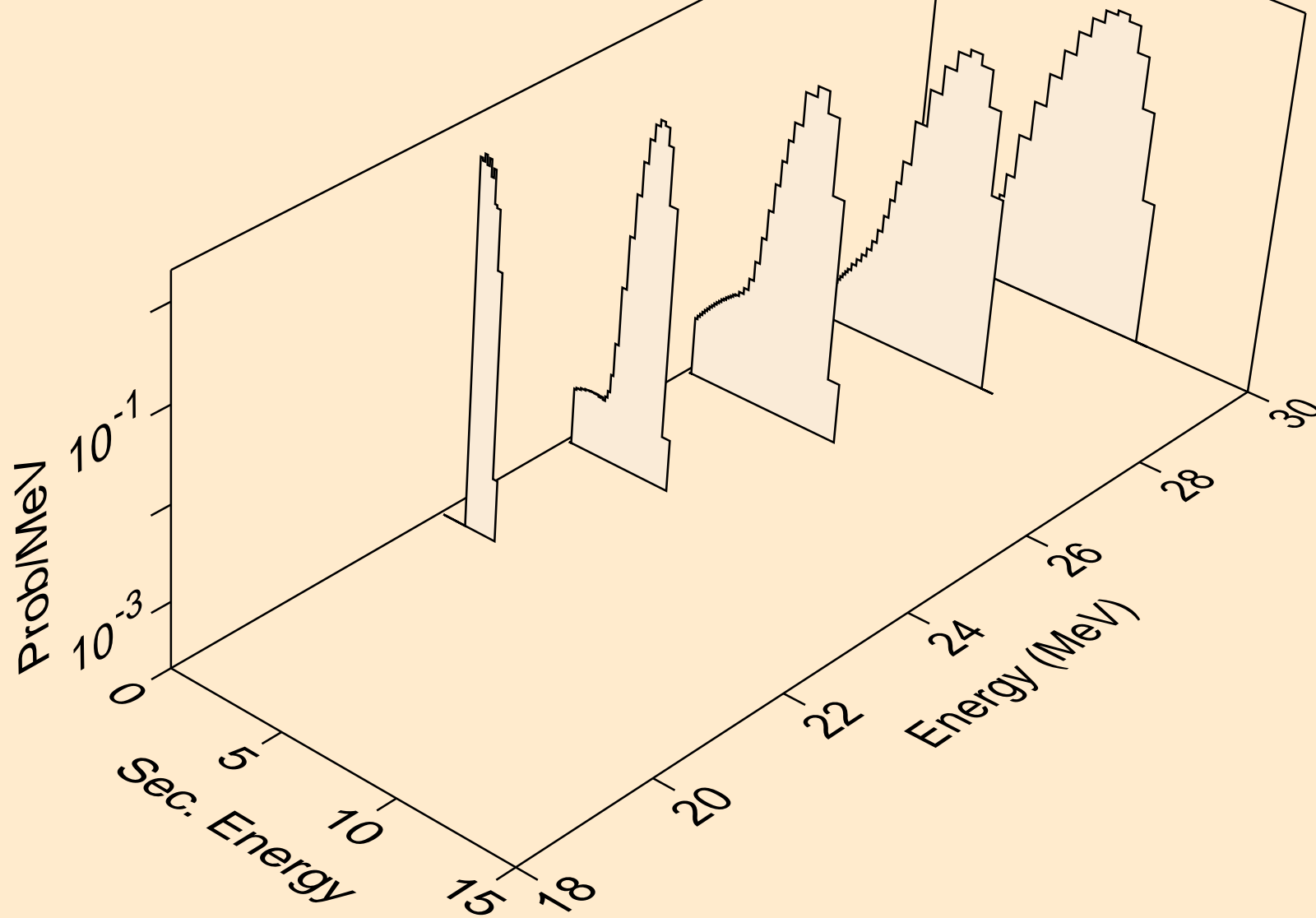
ER172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



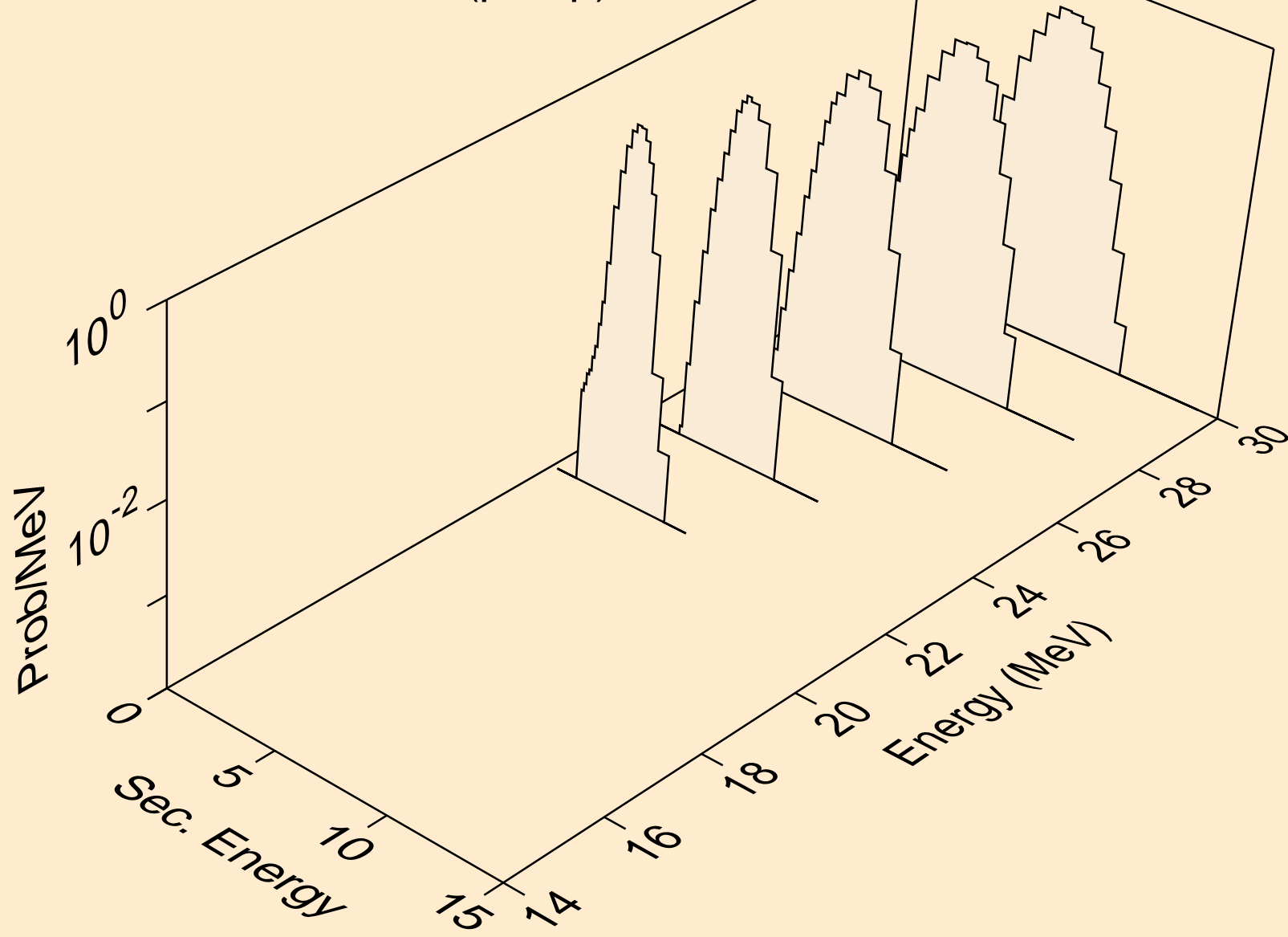
ER172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



ER172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,3np)

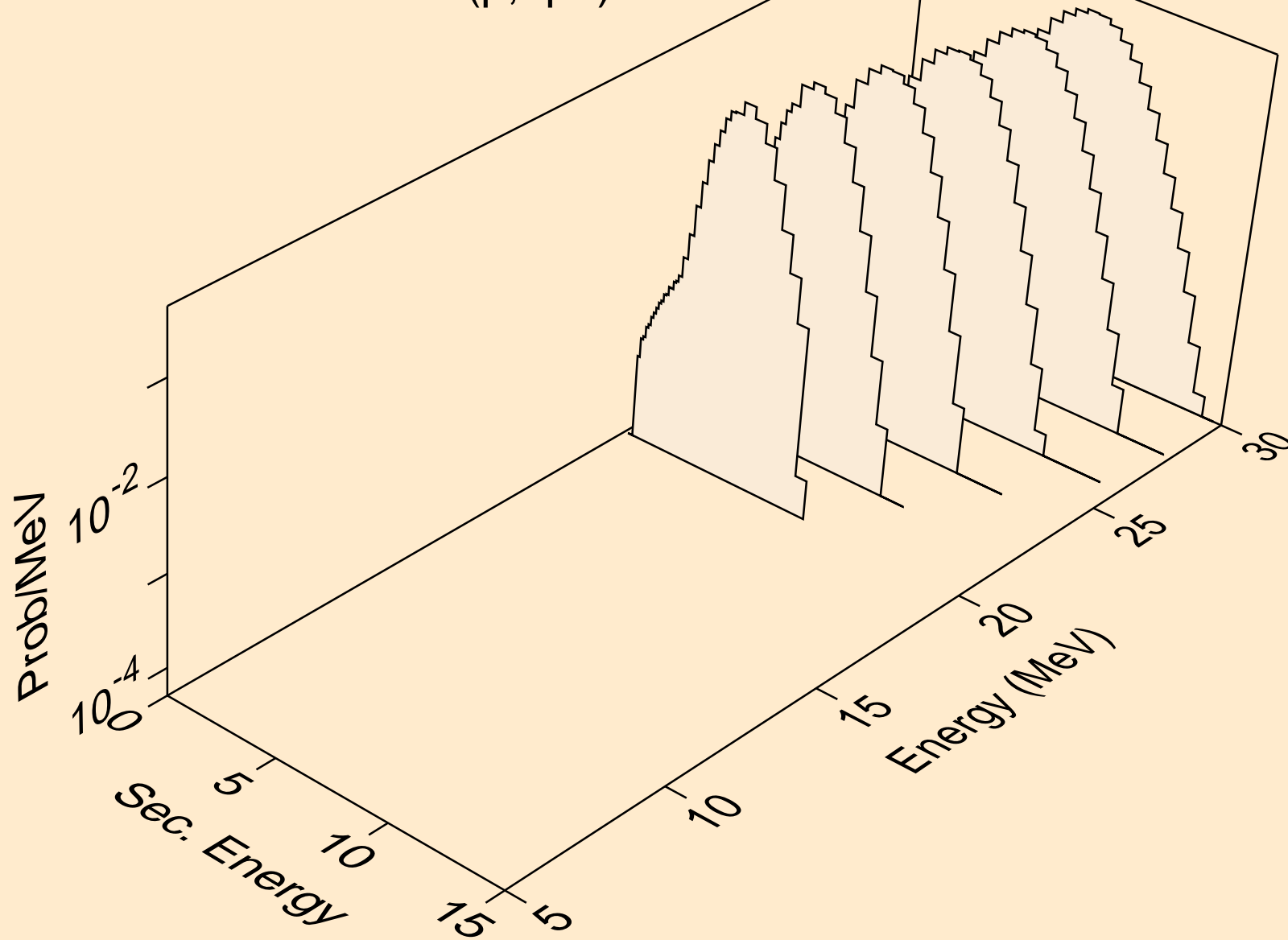


ER172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)

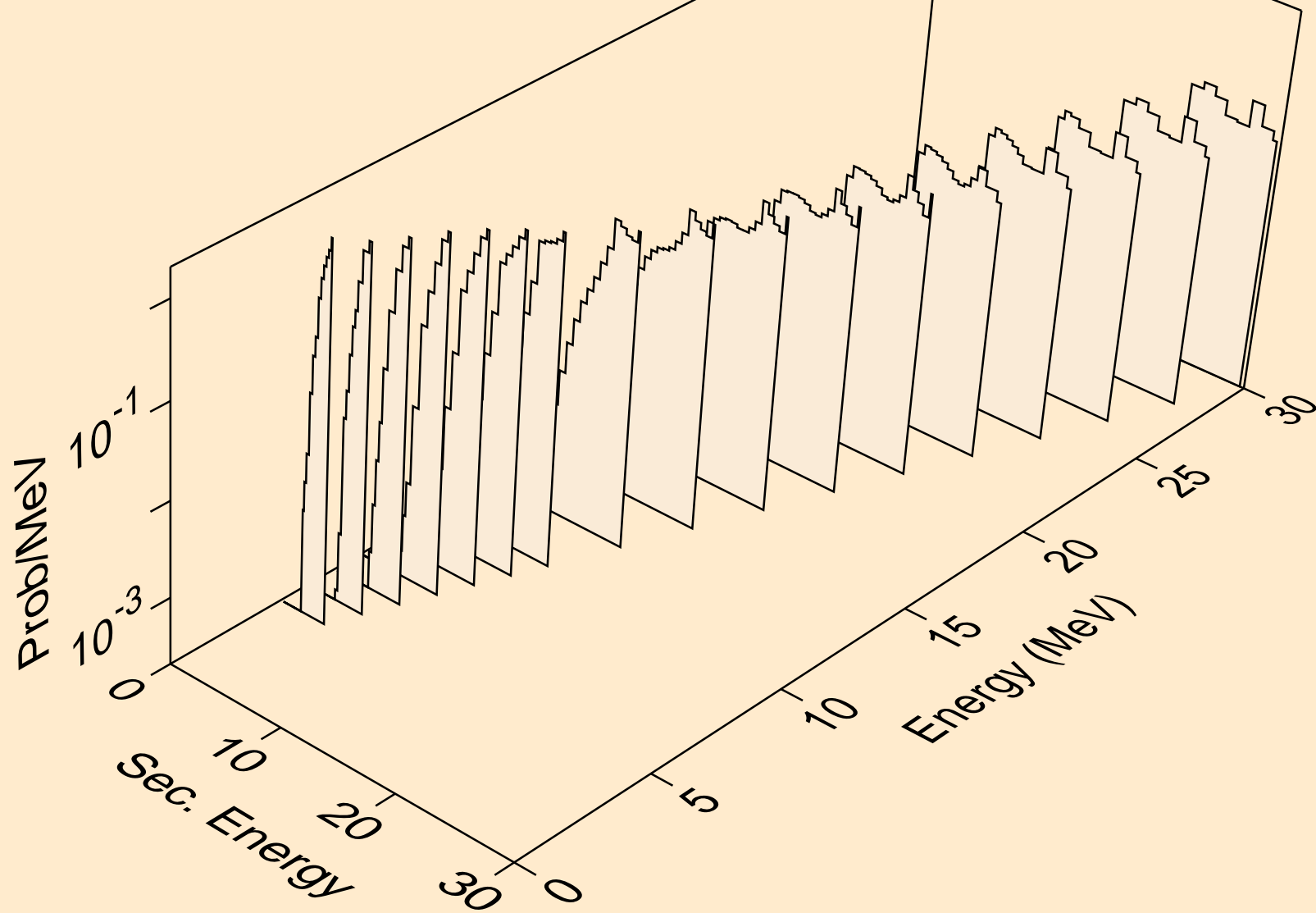




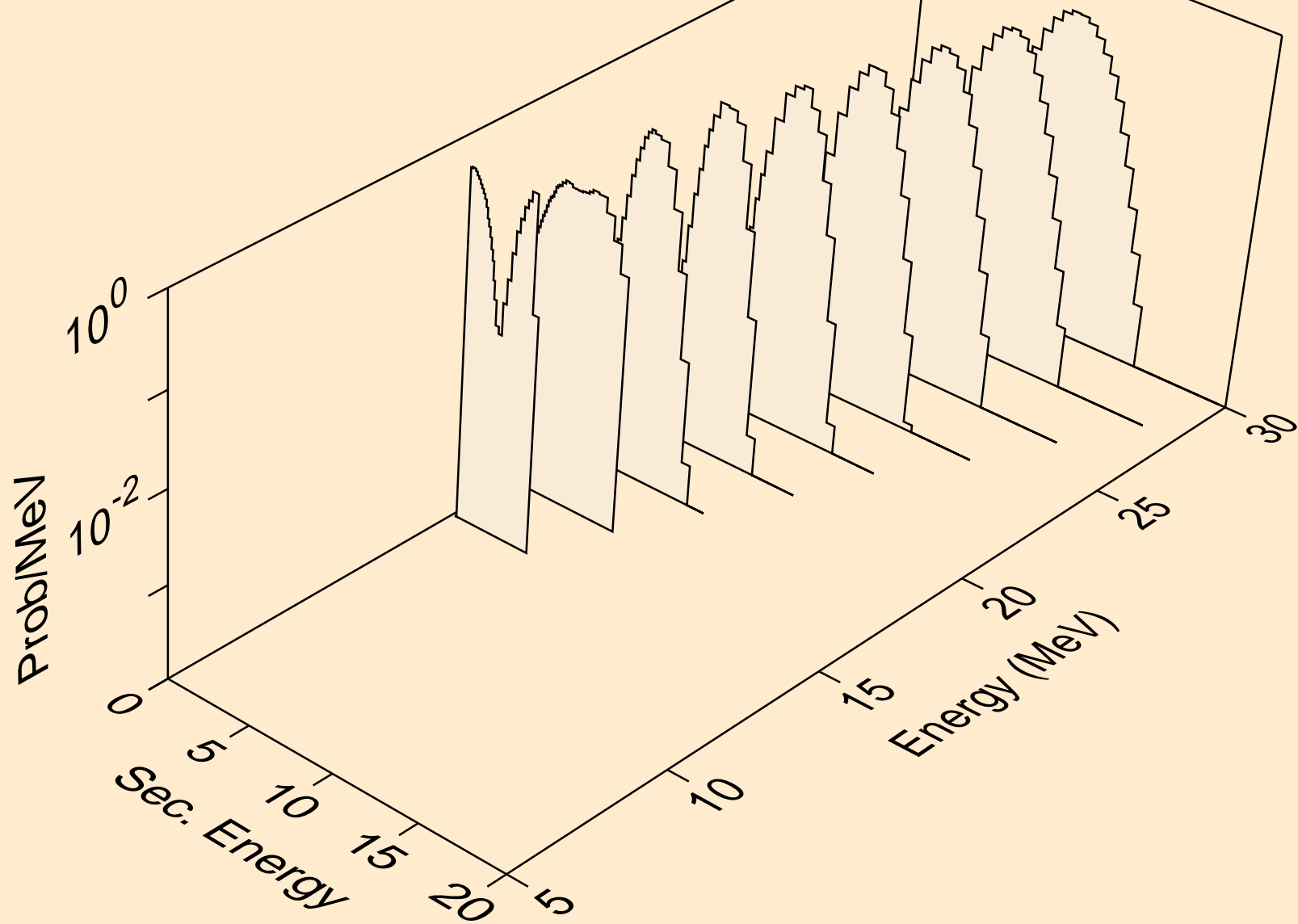
ER172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,npa)



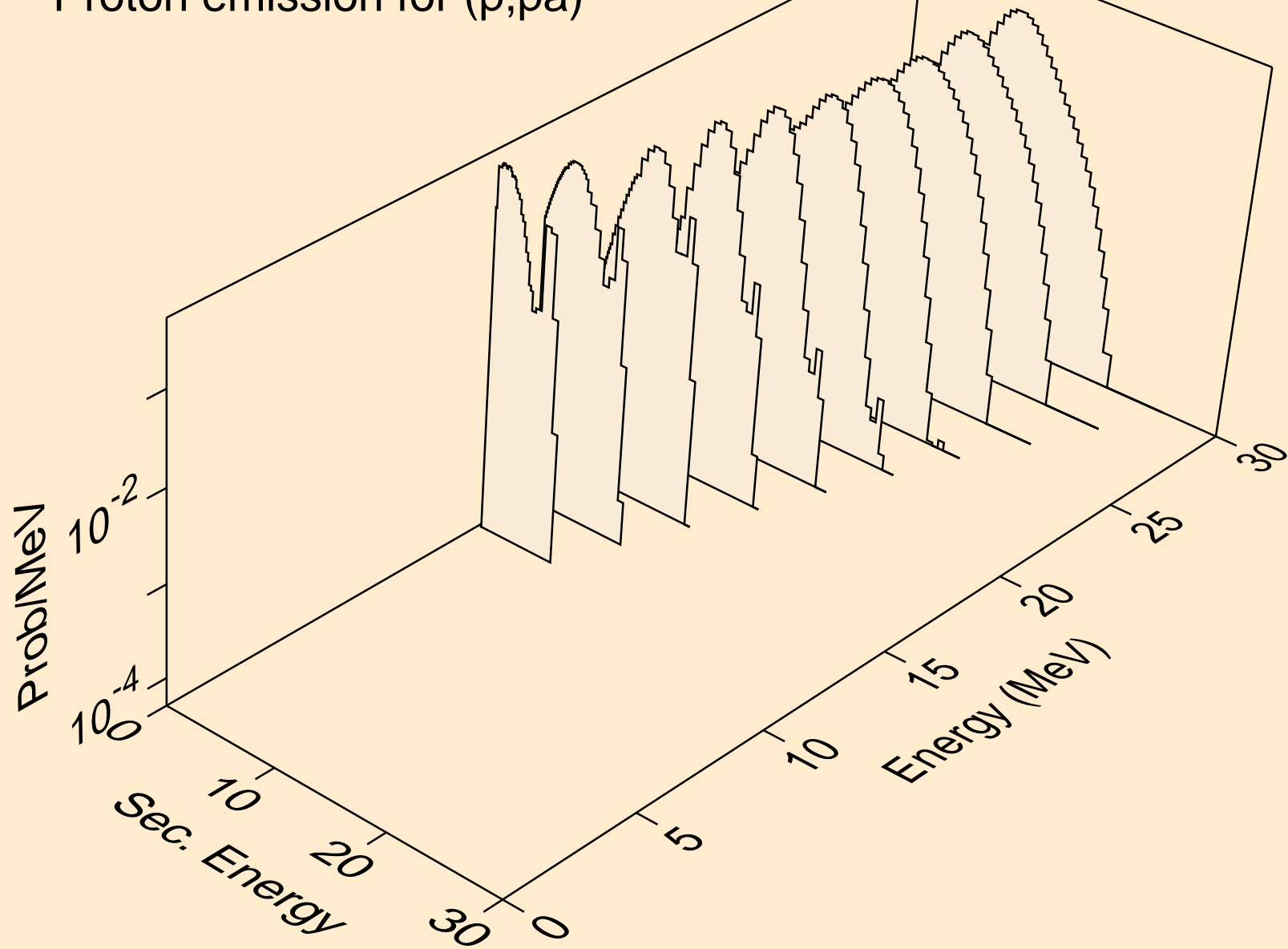
ER172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic



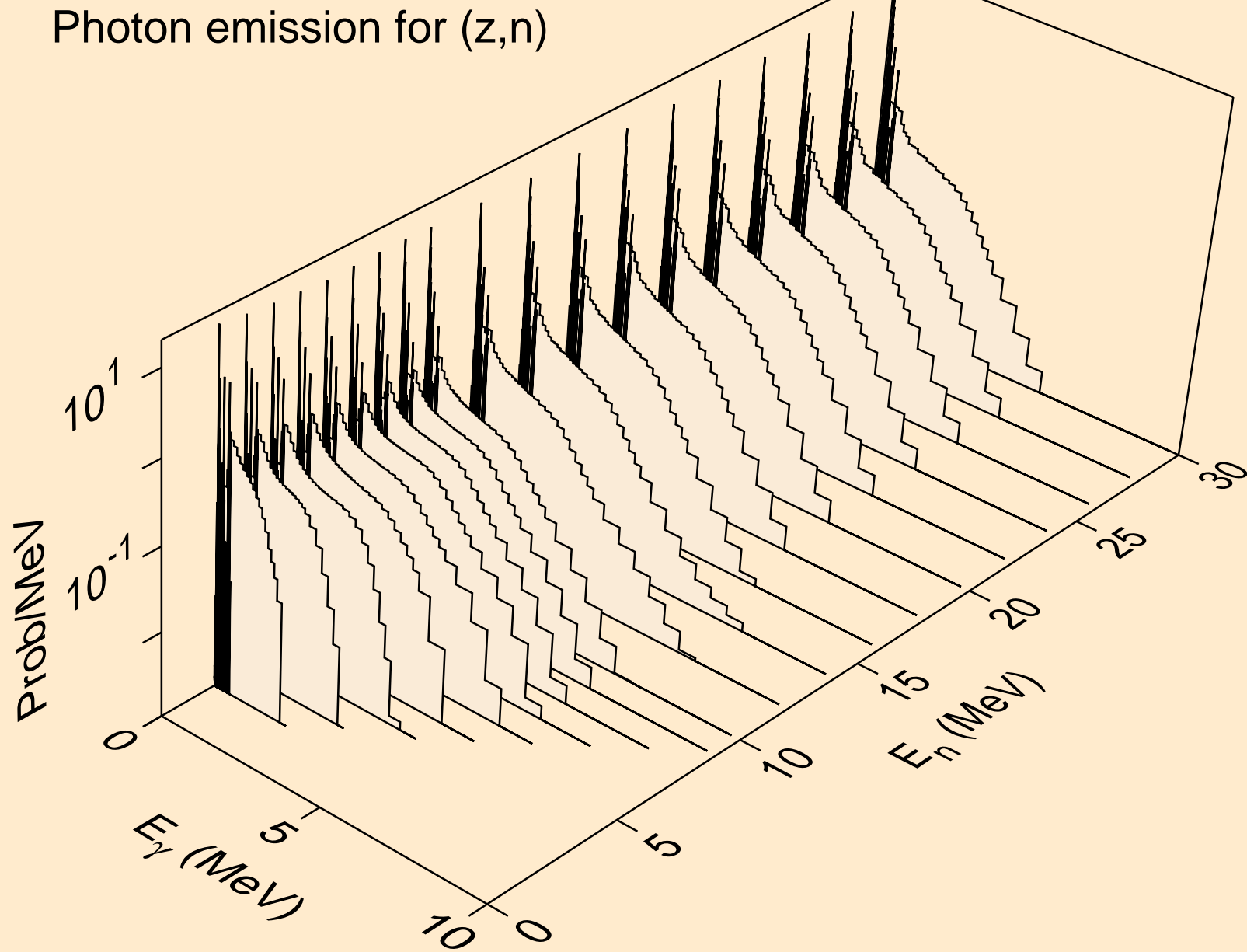
ER172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)



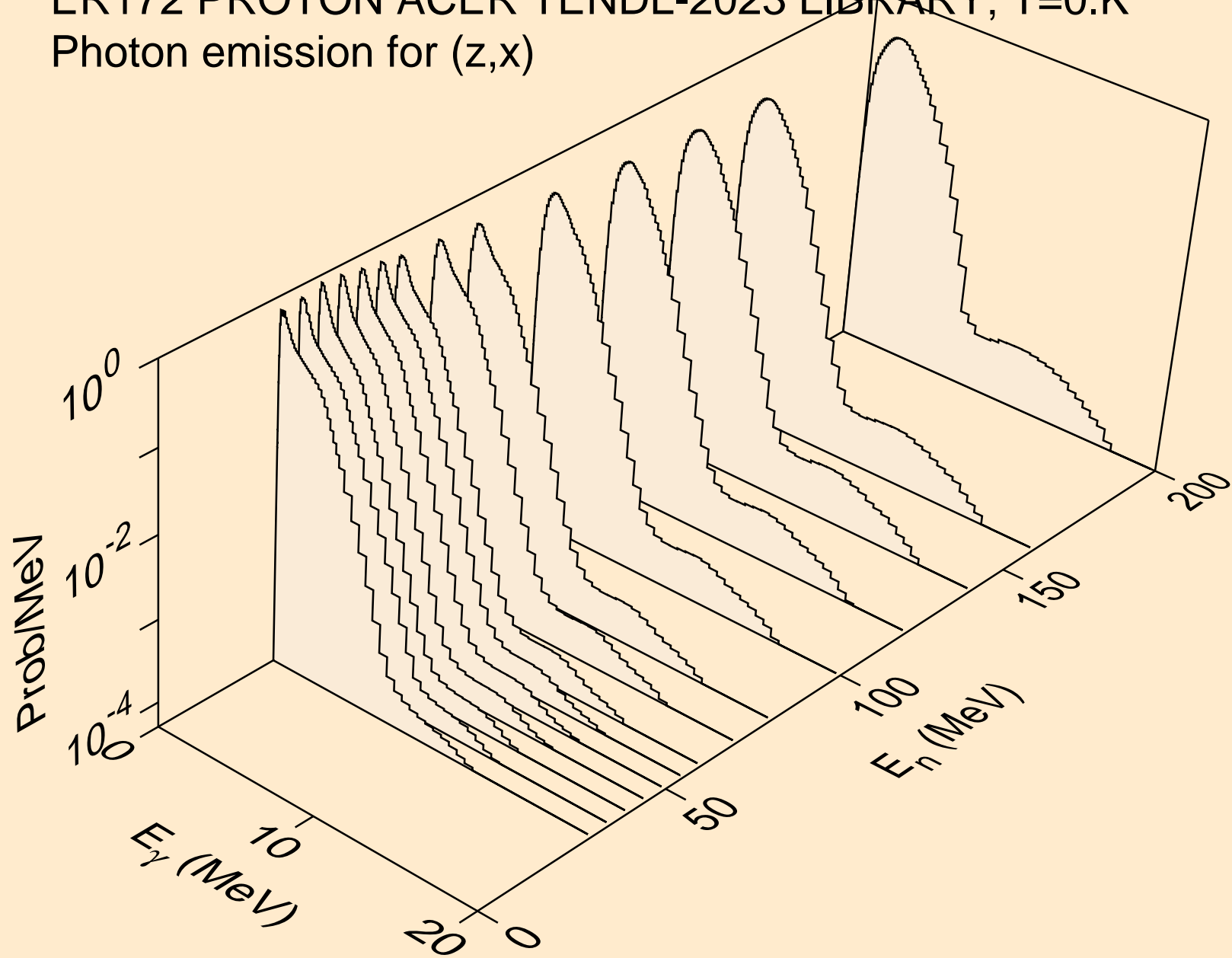
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Proton emission for (p,pa)



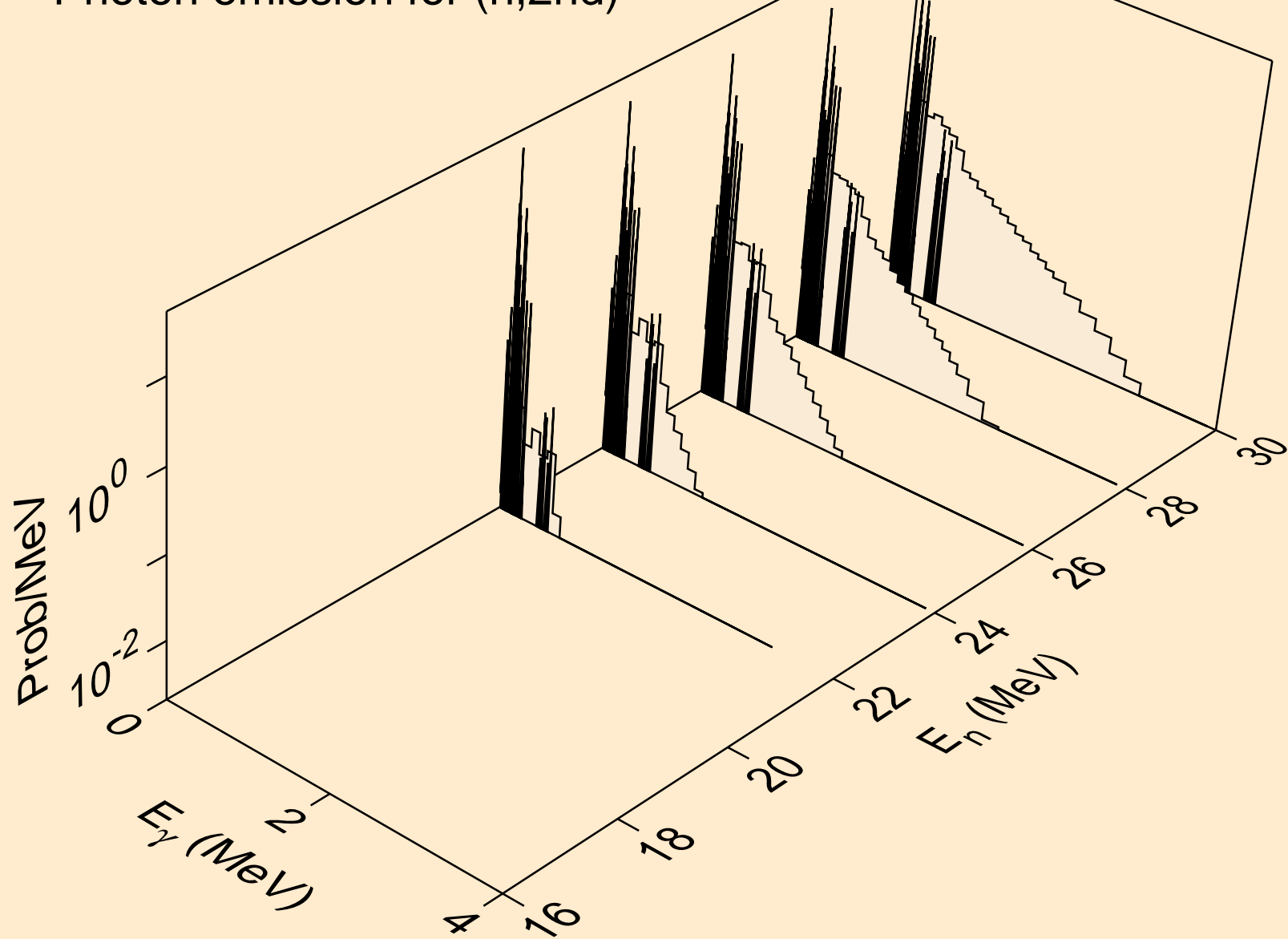
ER172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



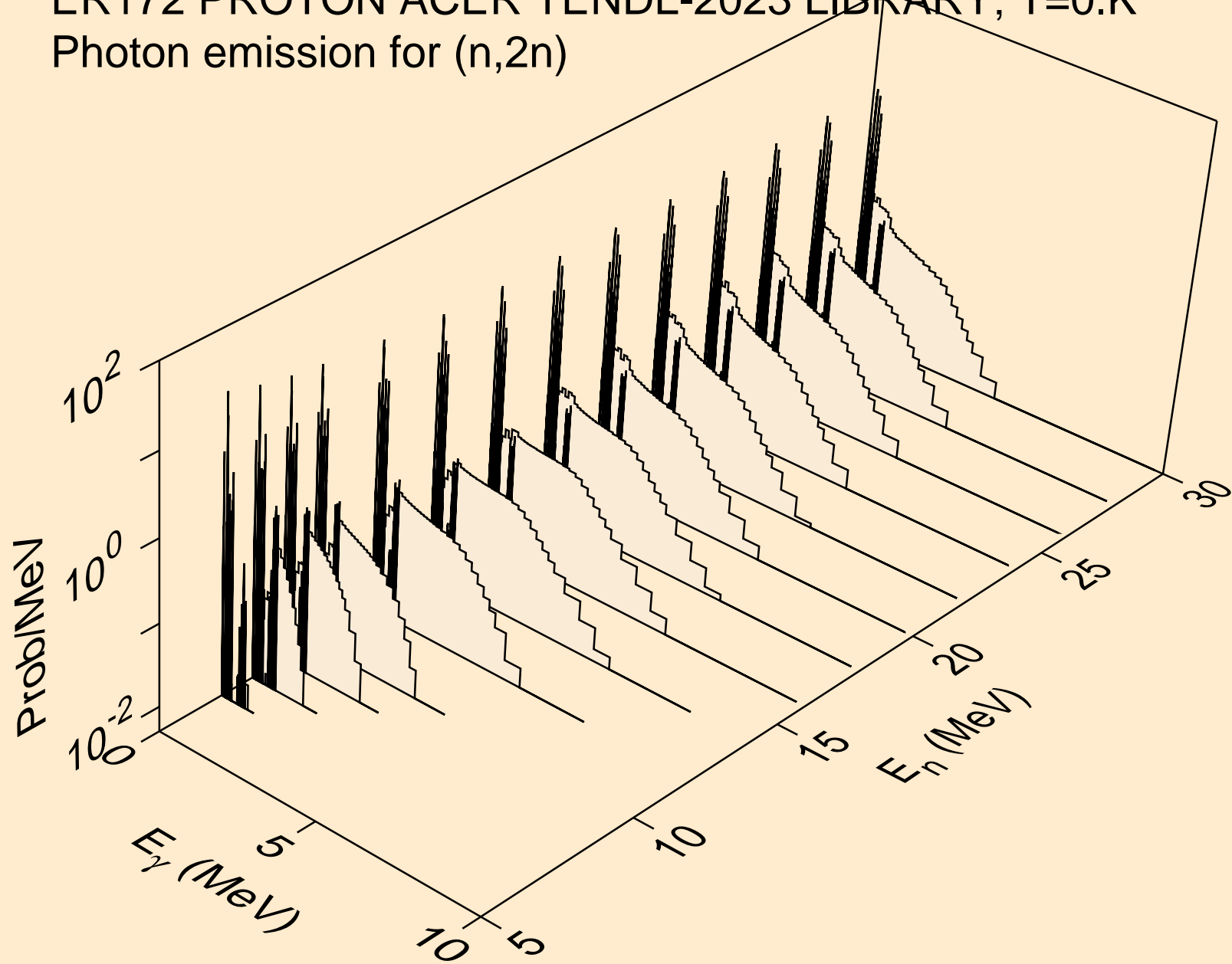
ER172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



ER172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)

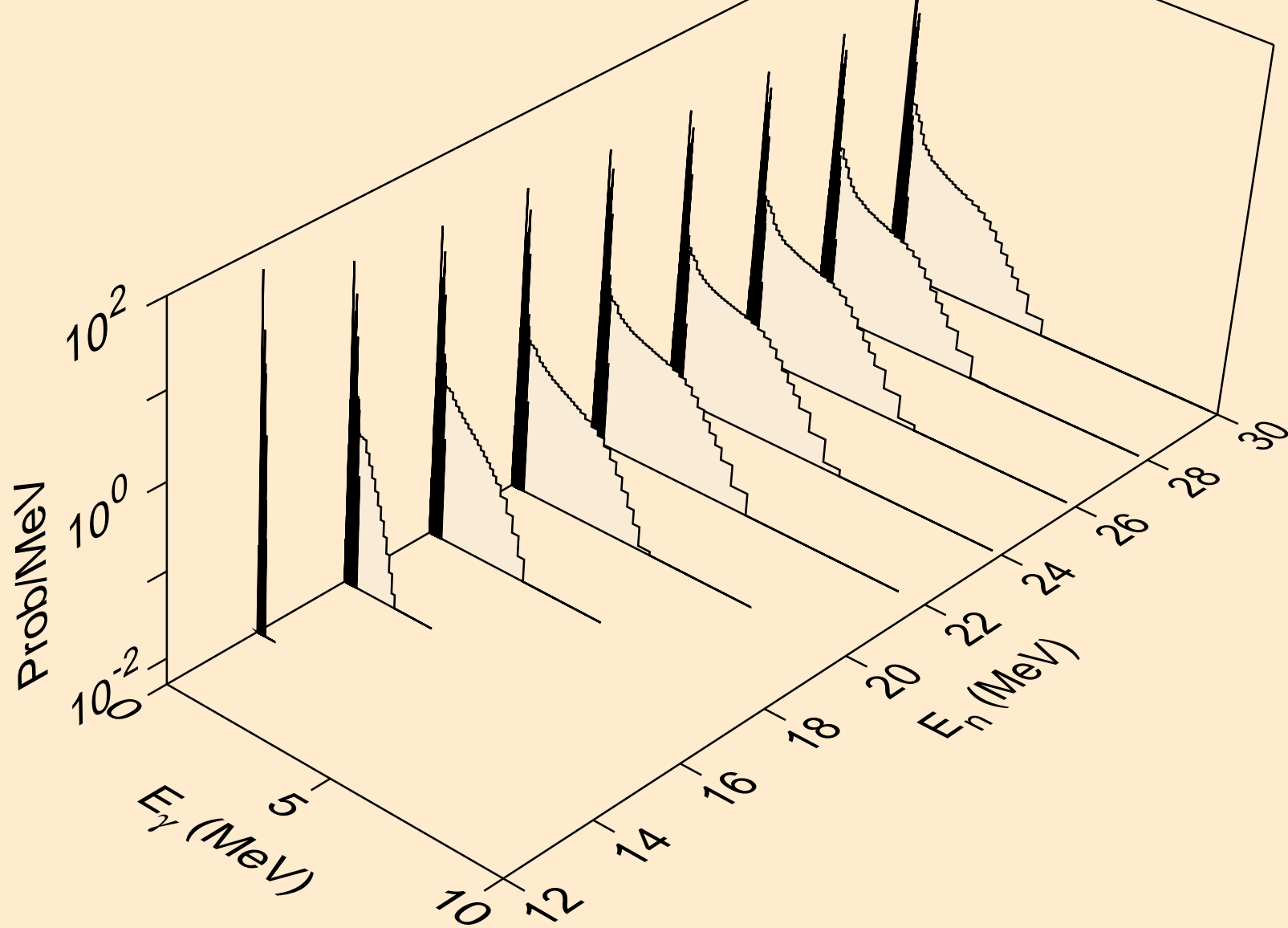


ER172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

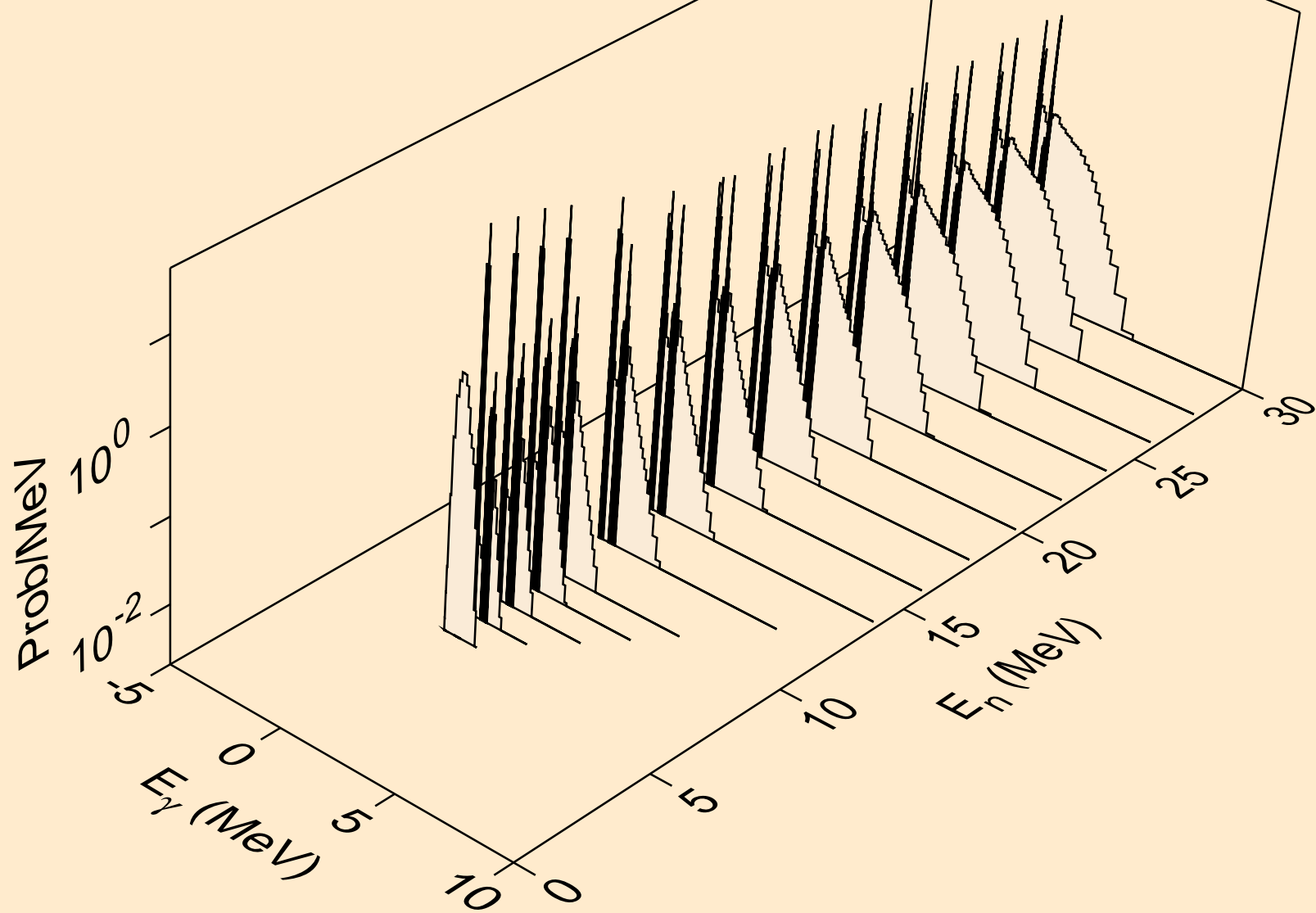




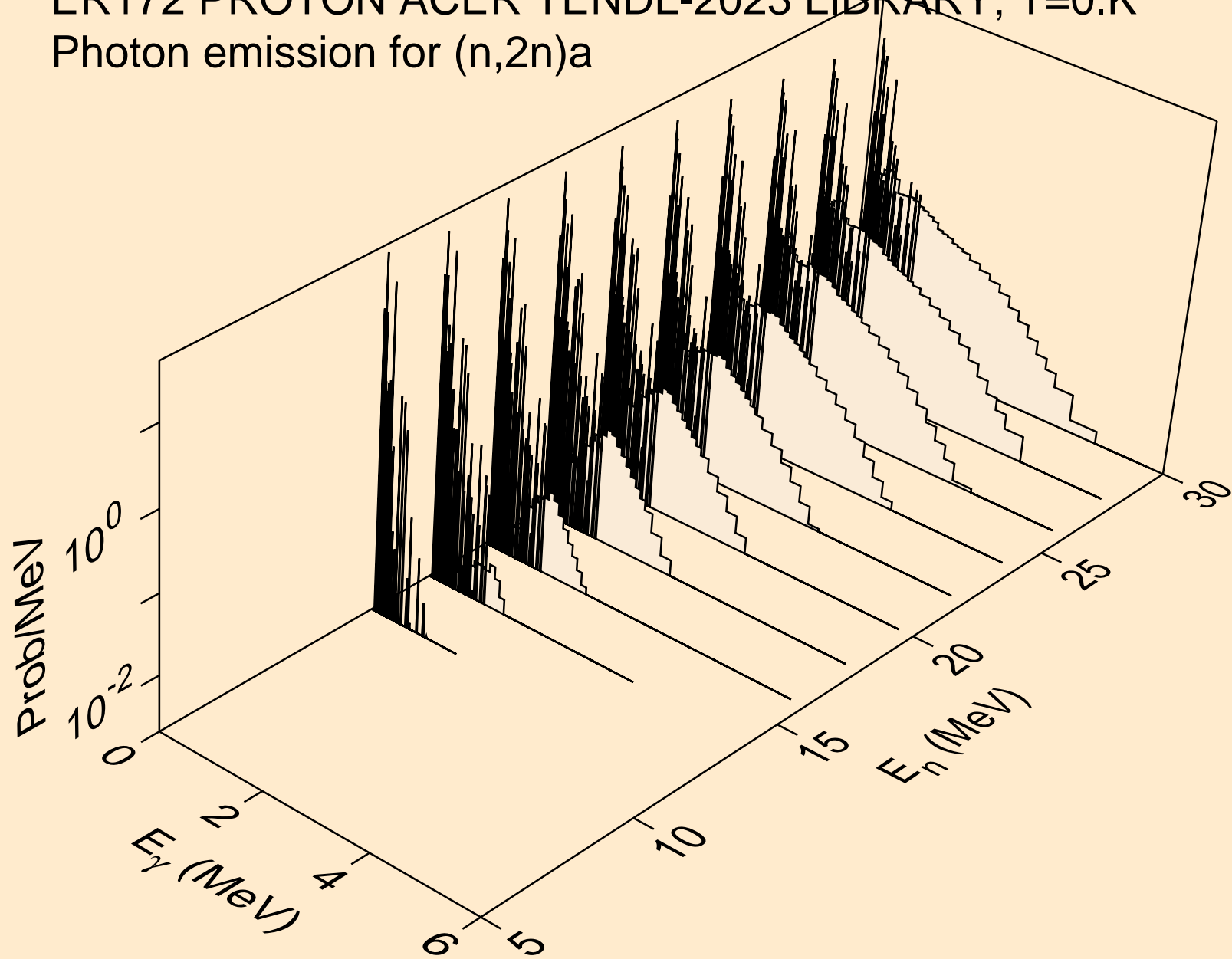
ER172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



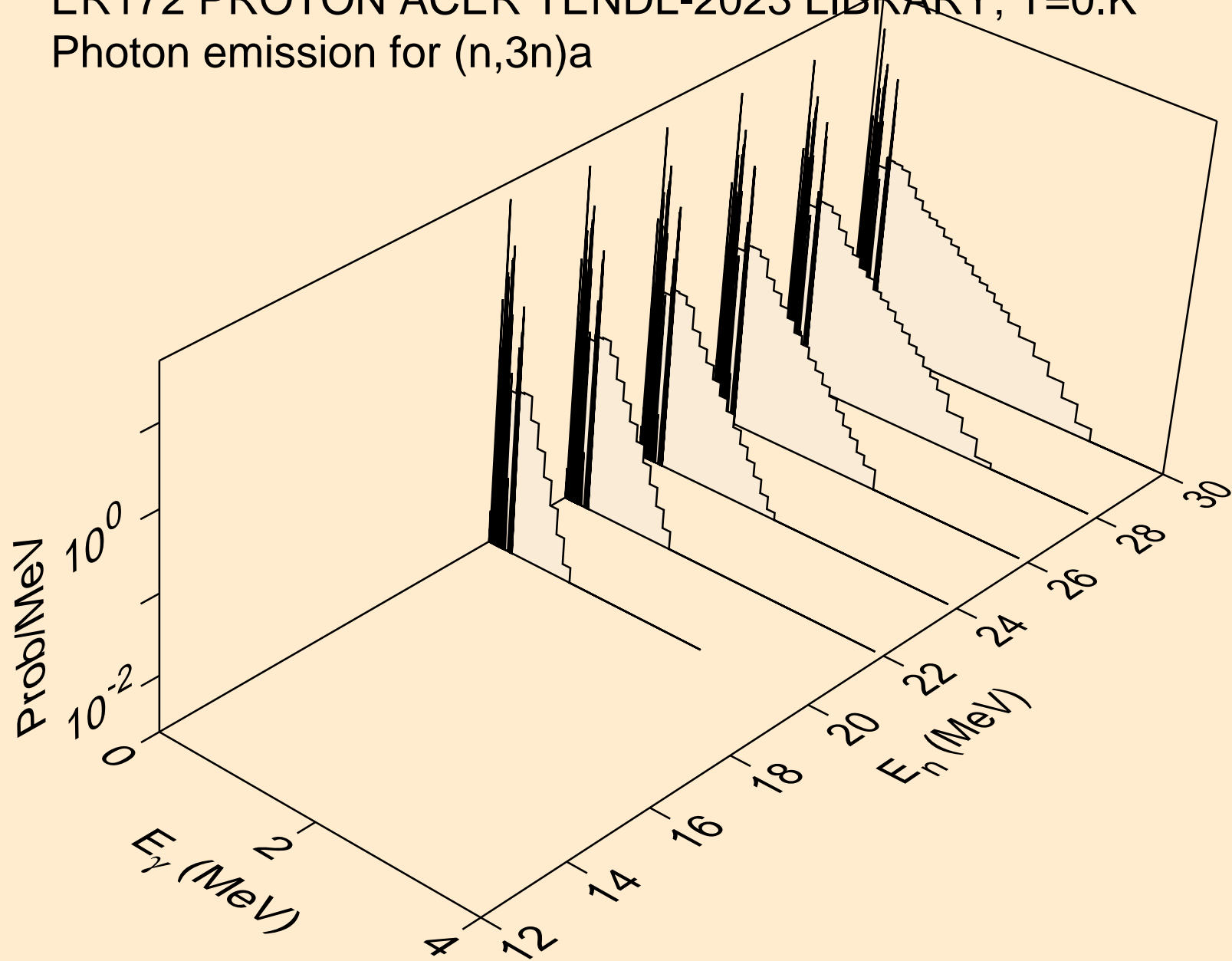
ER172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



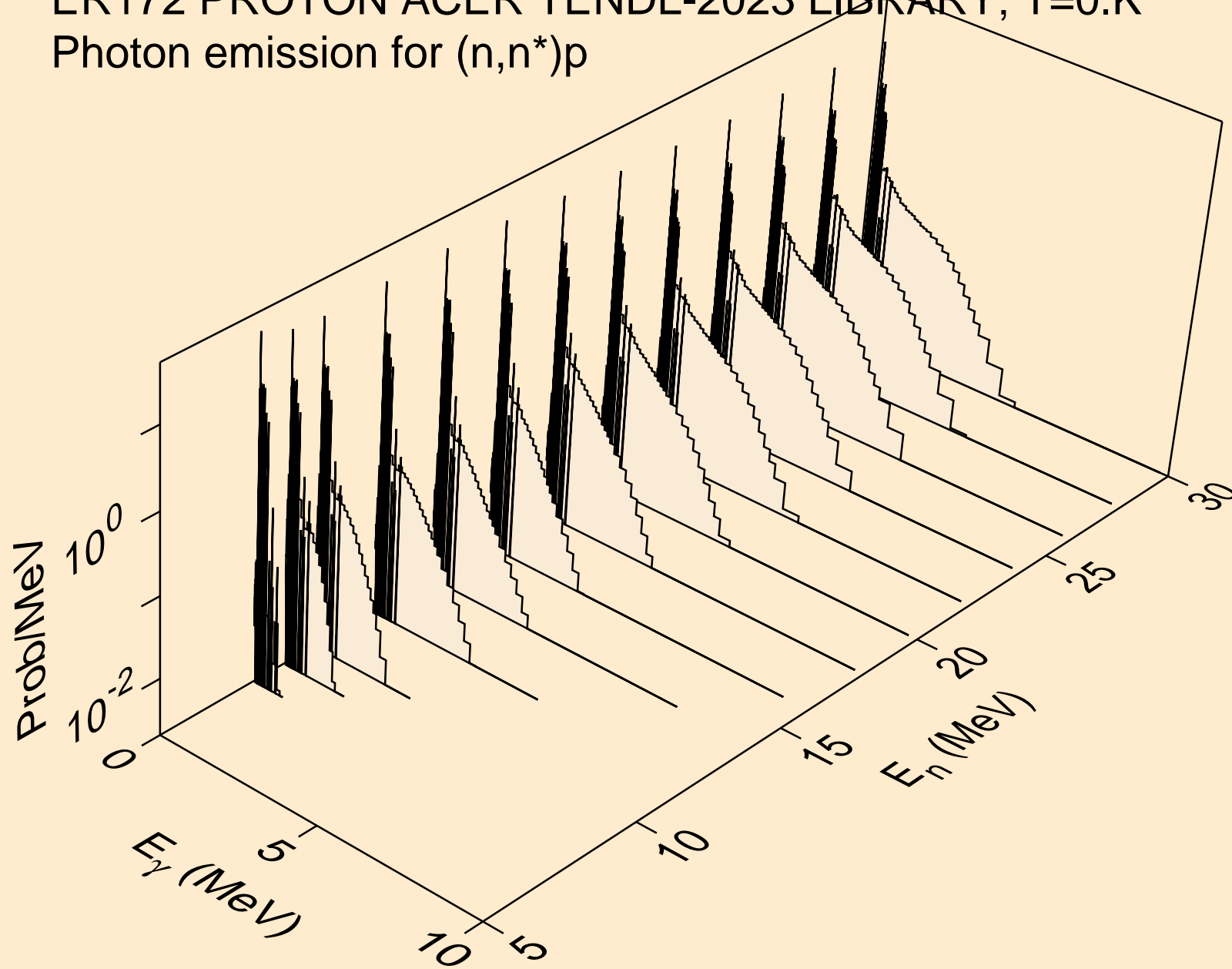
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Photon emission for (n,2n)a



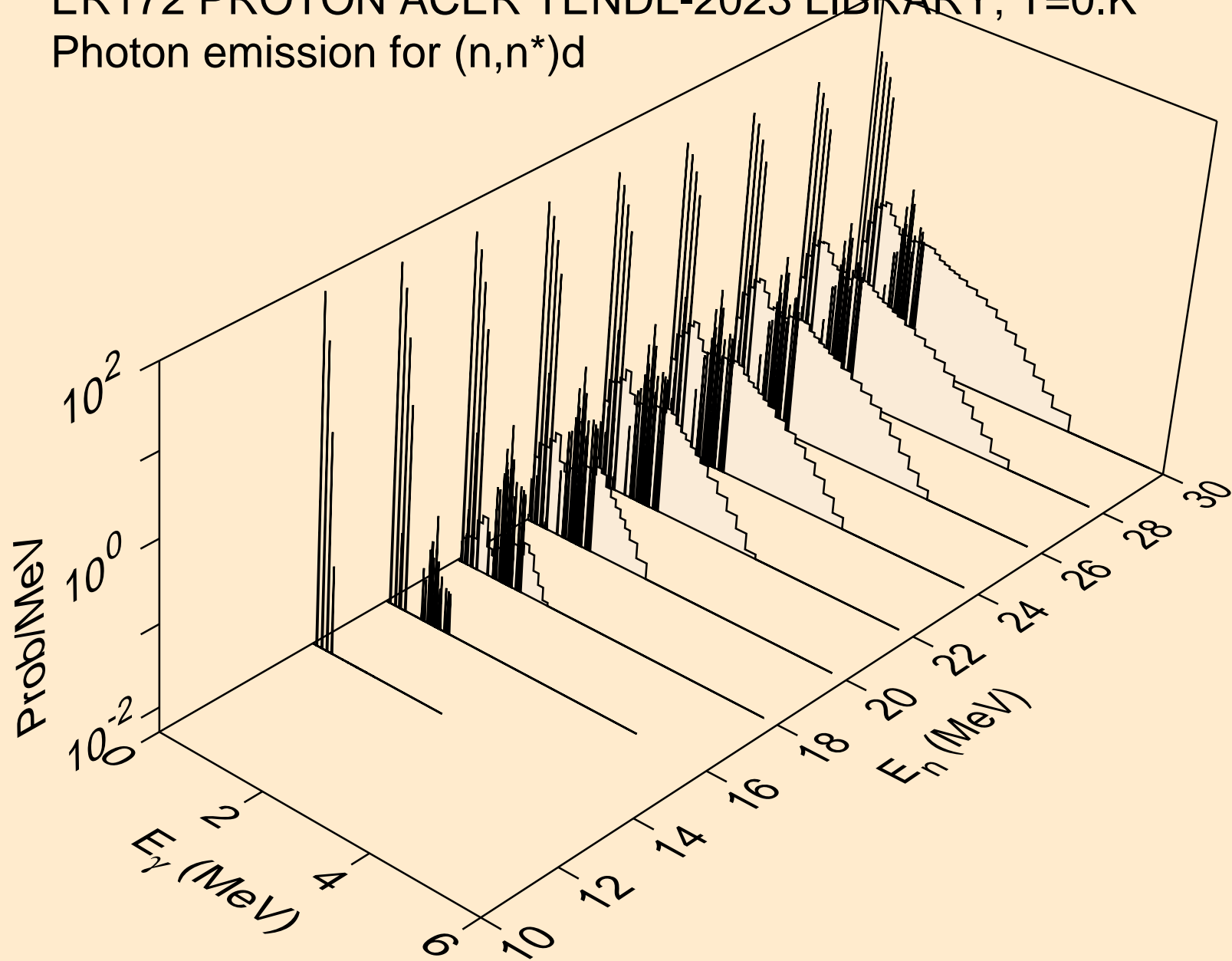
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Photon emission for (n,3n)a



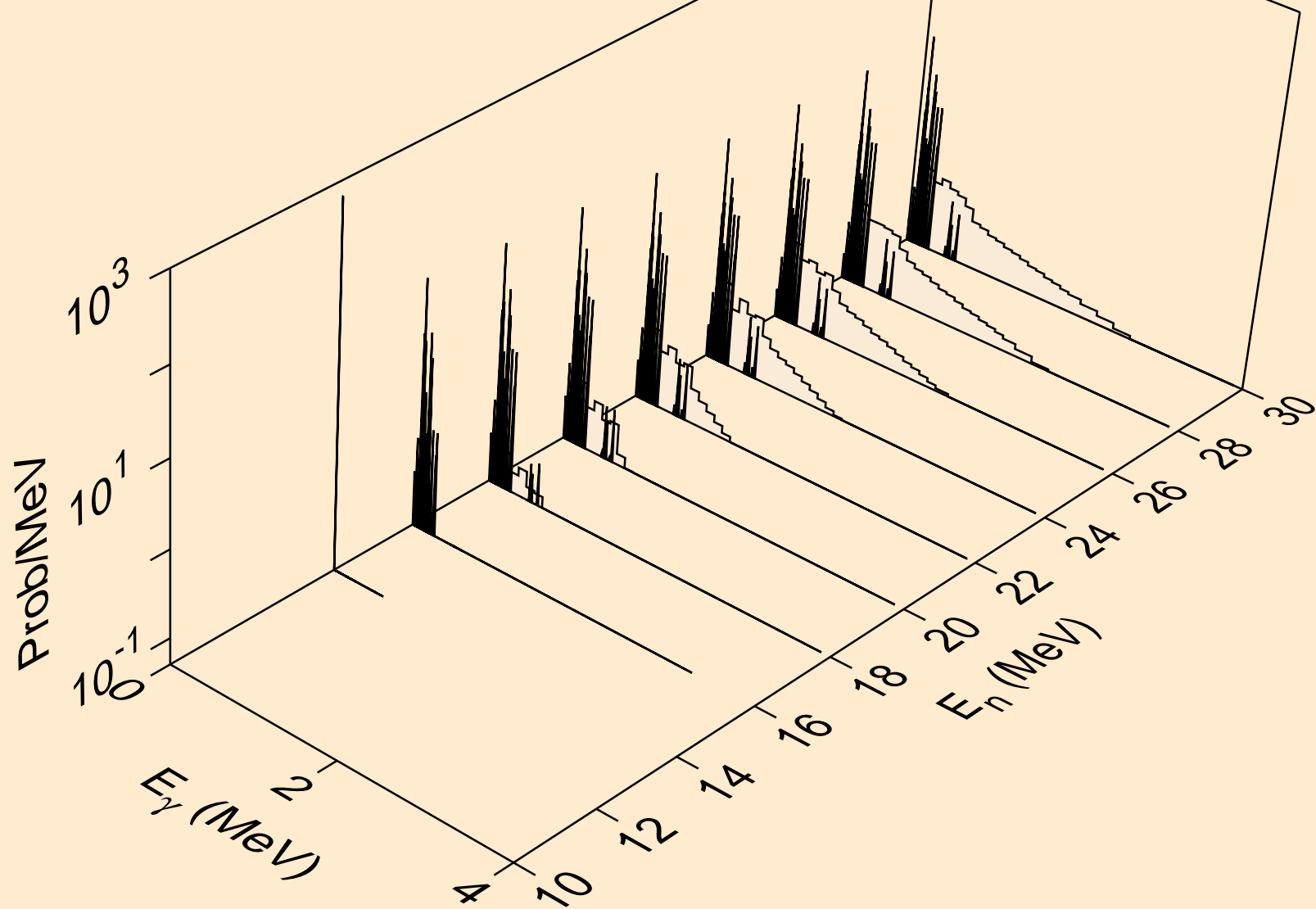
ER172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



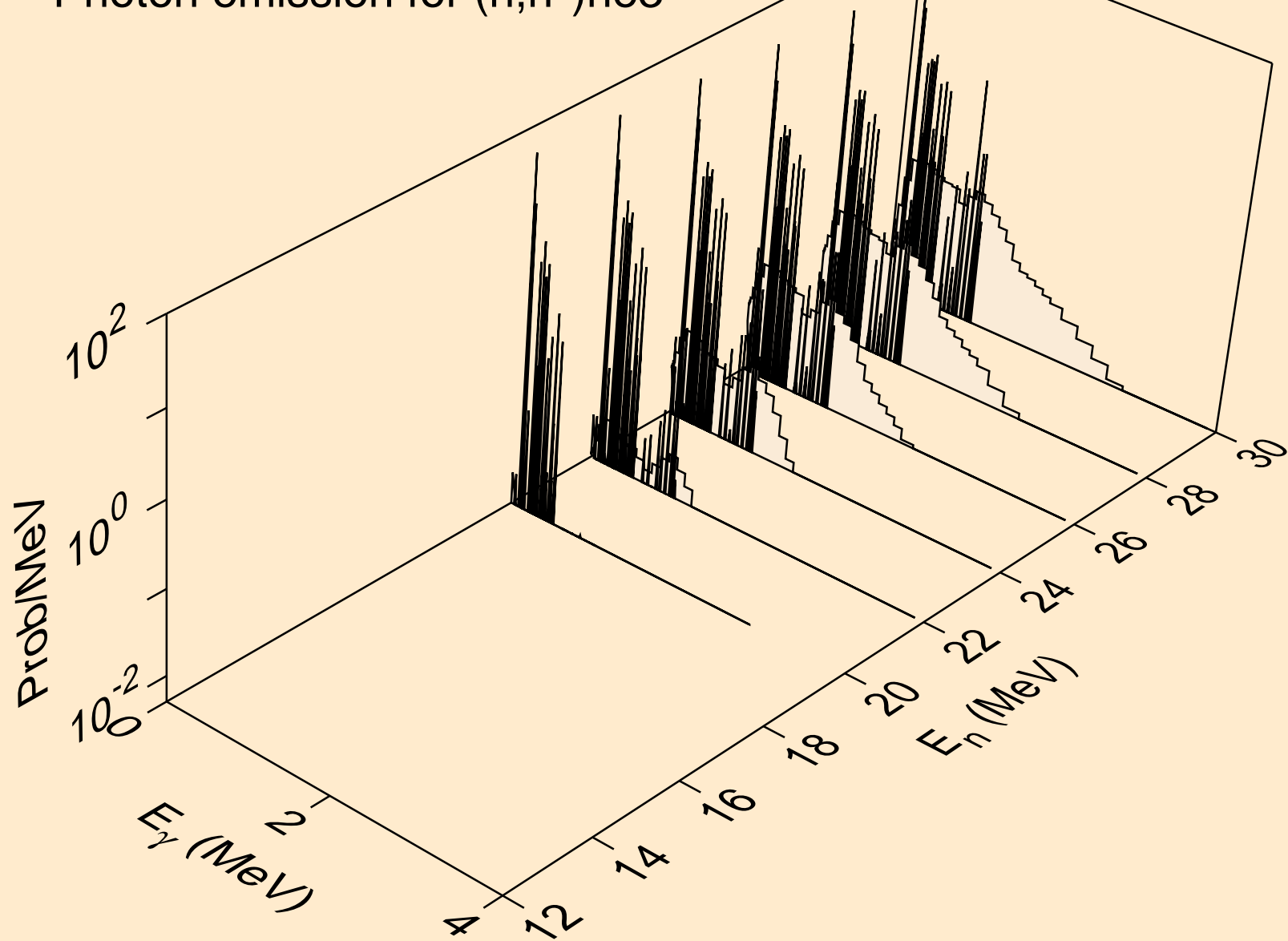
ER172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



ER172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

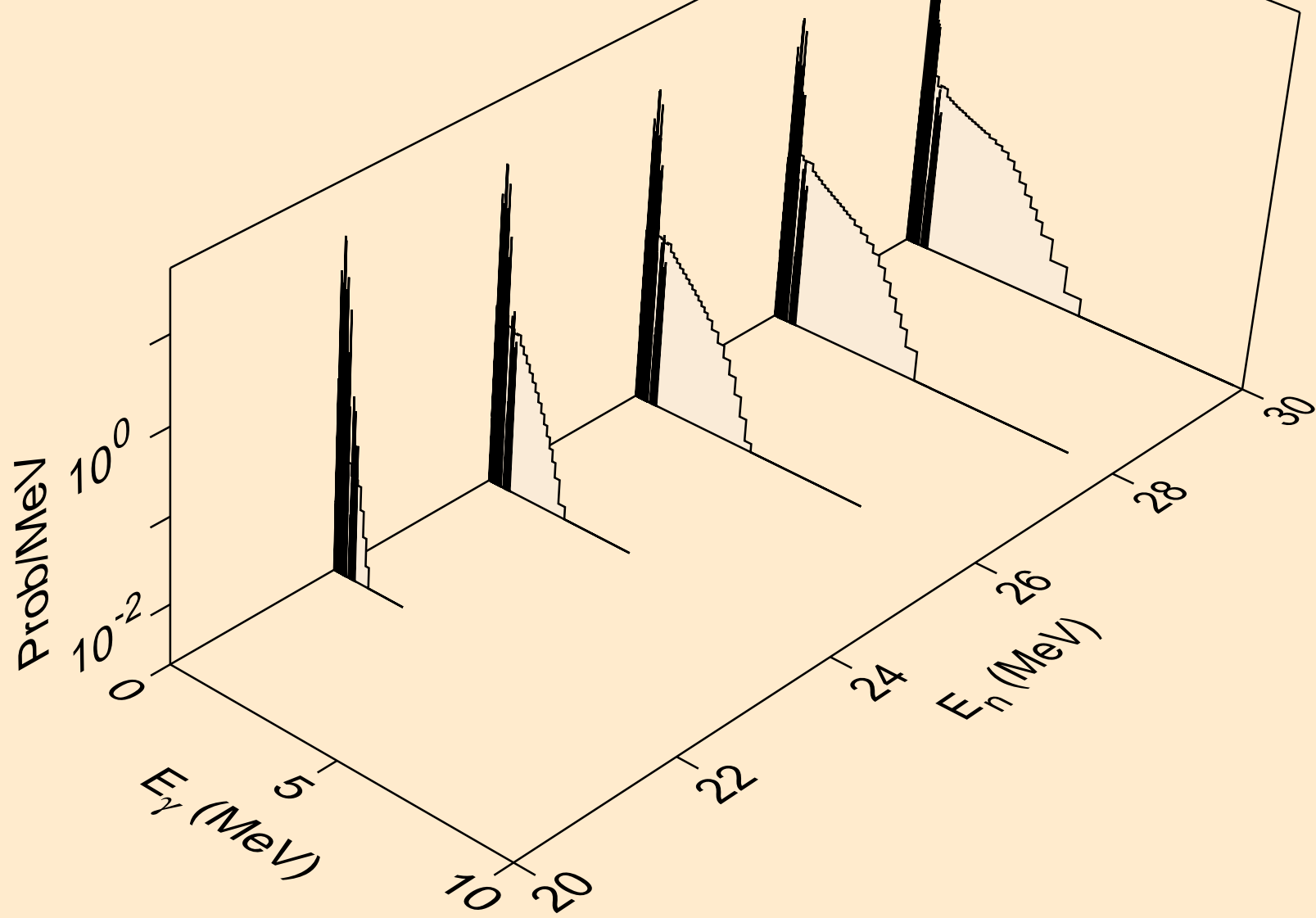


ER172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

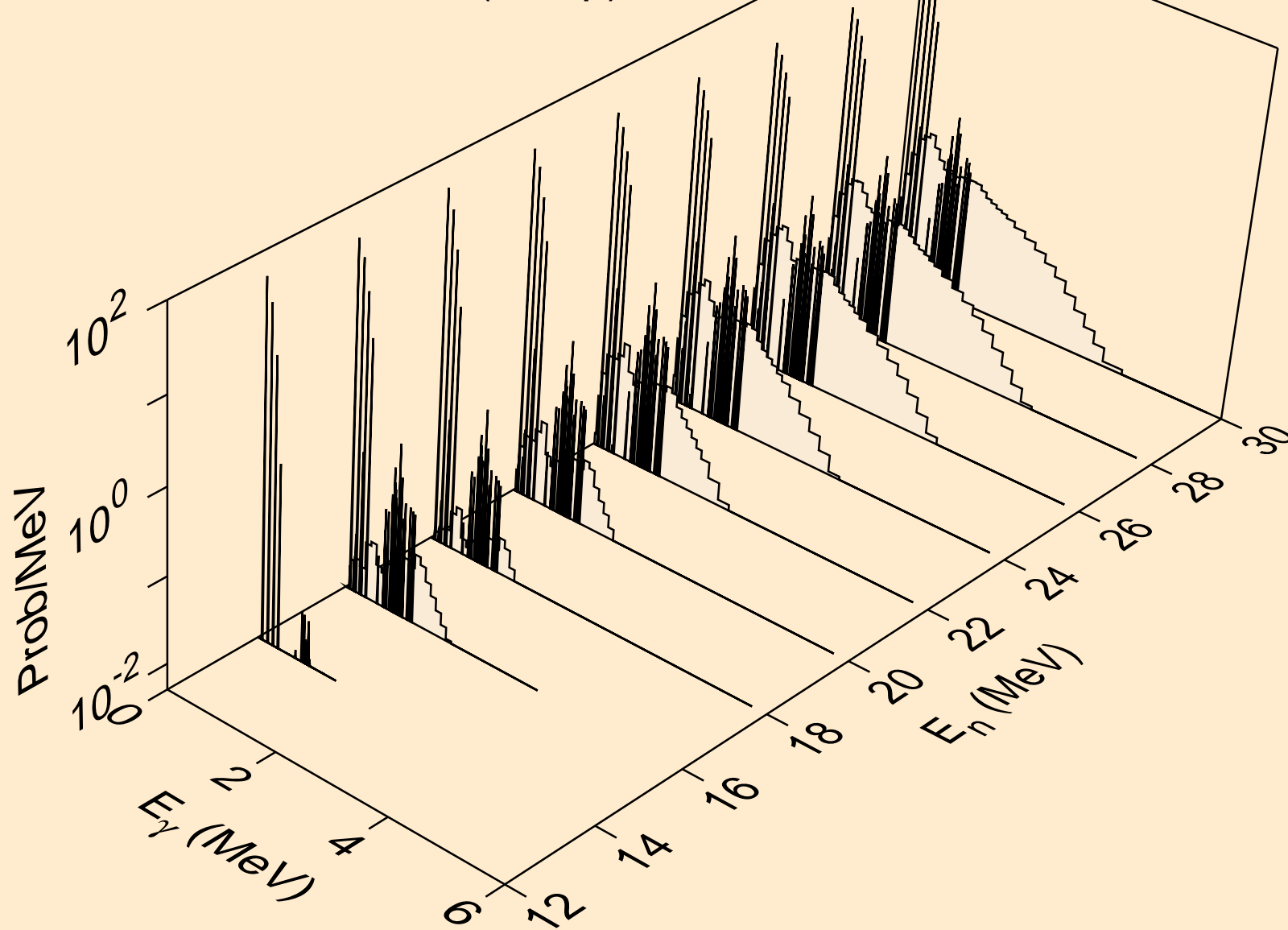




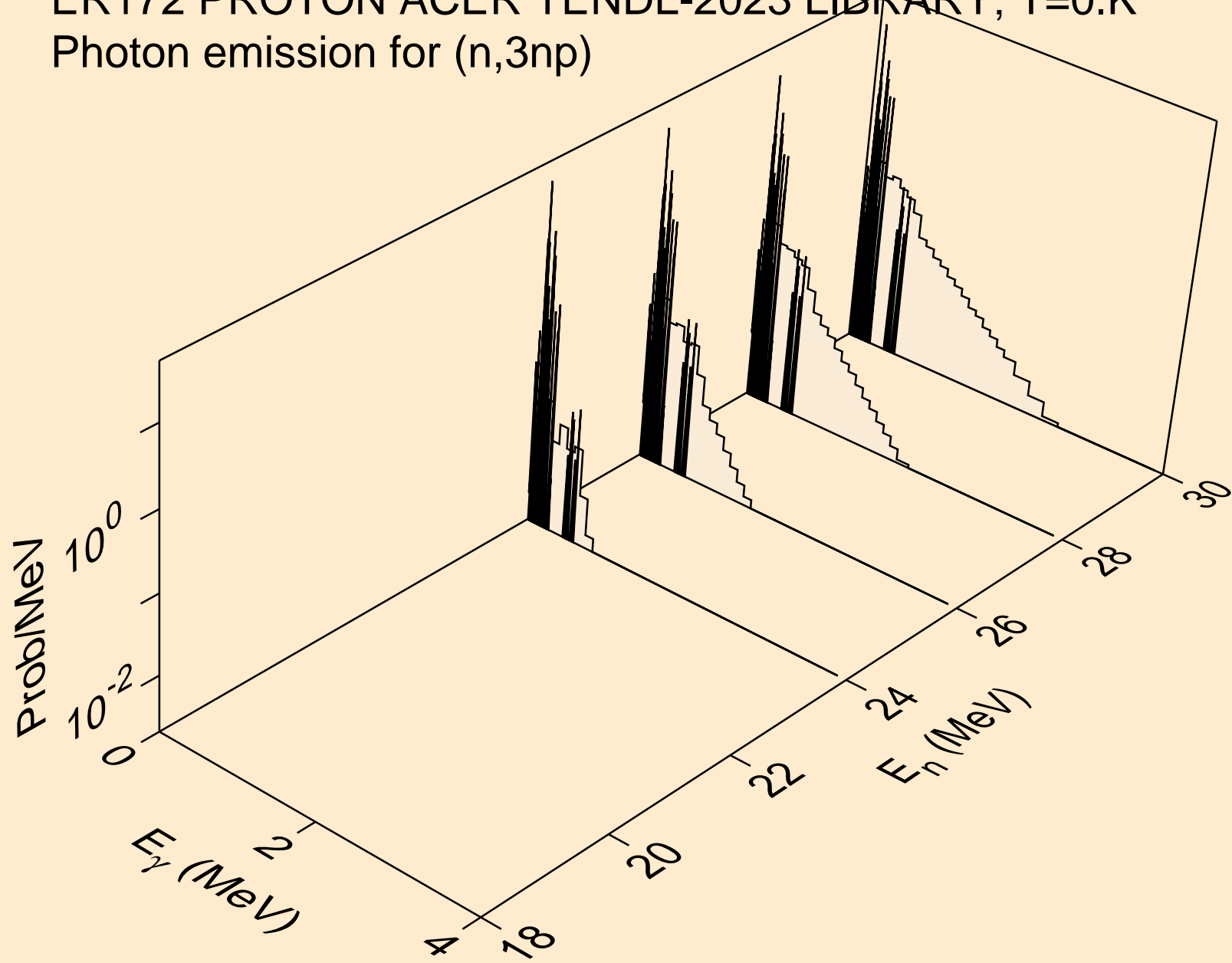
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Photon emission for (n,4n)



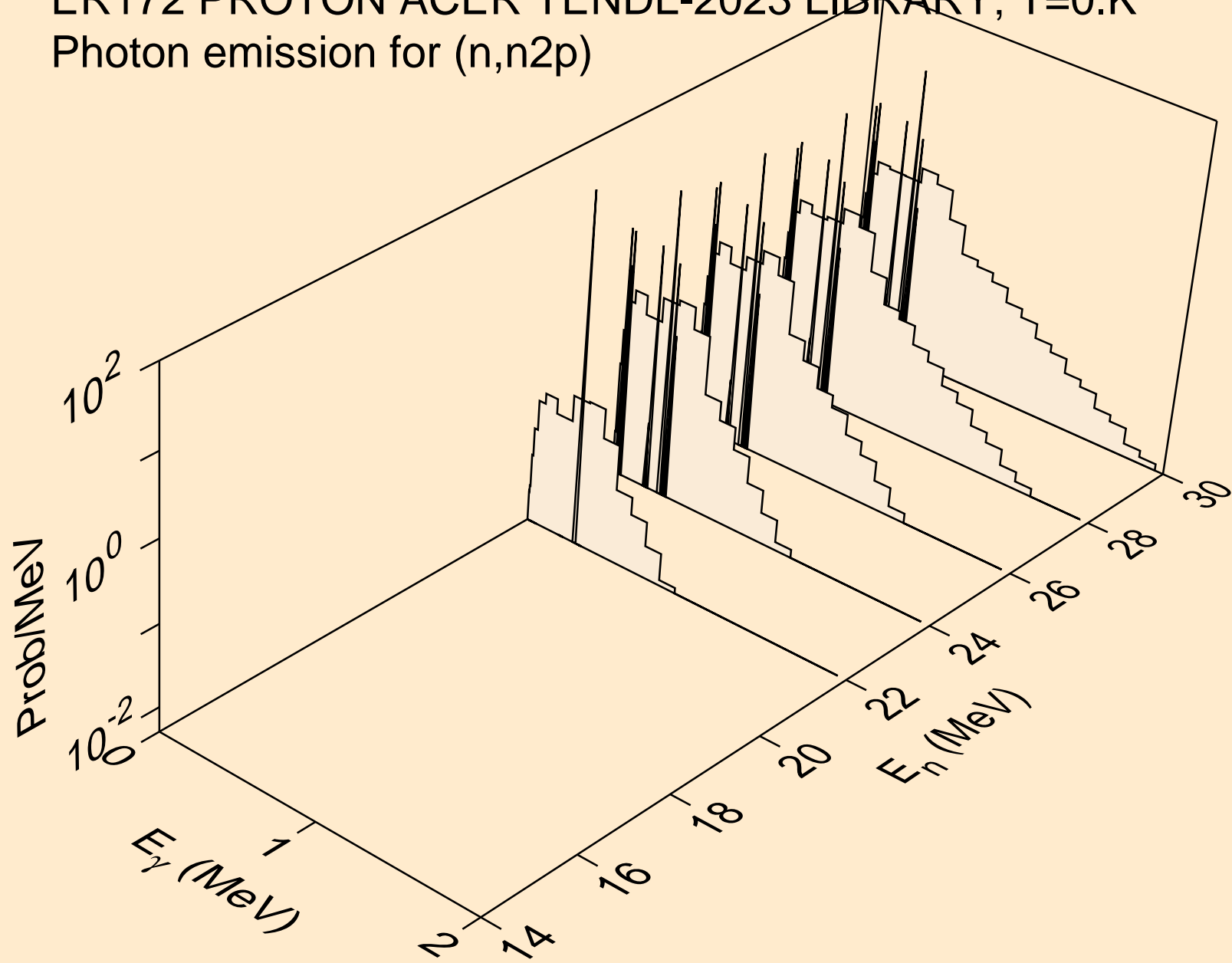
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Photon emission for (n,2np)



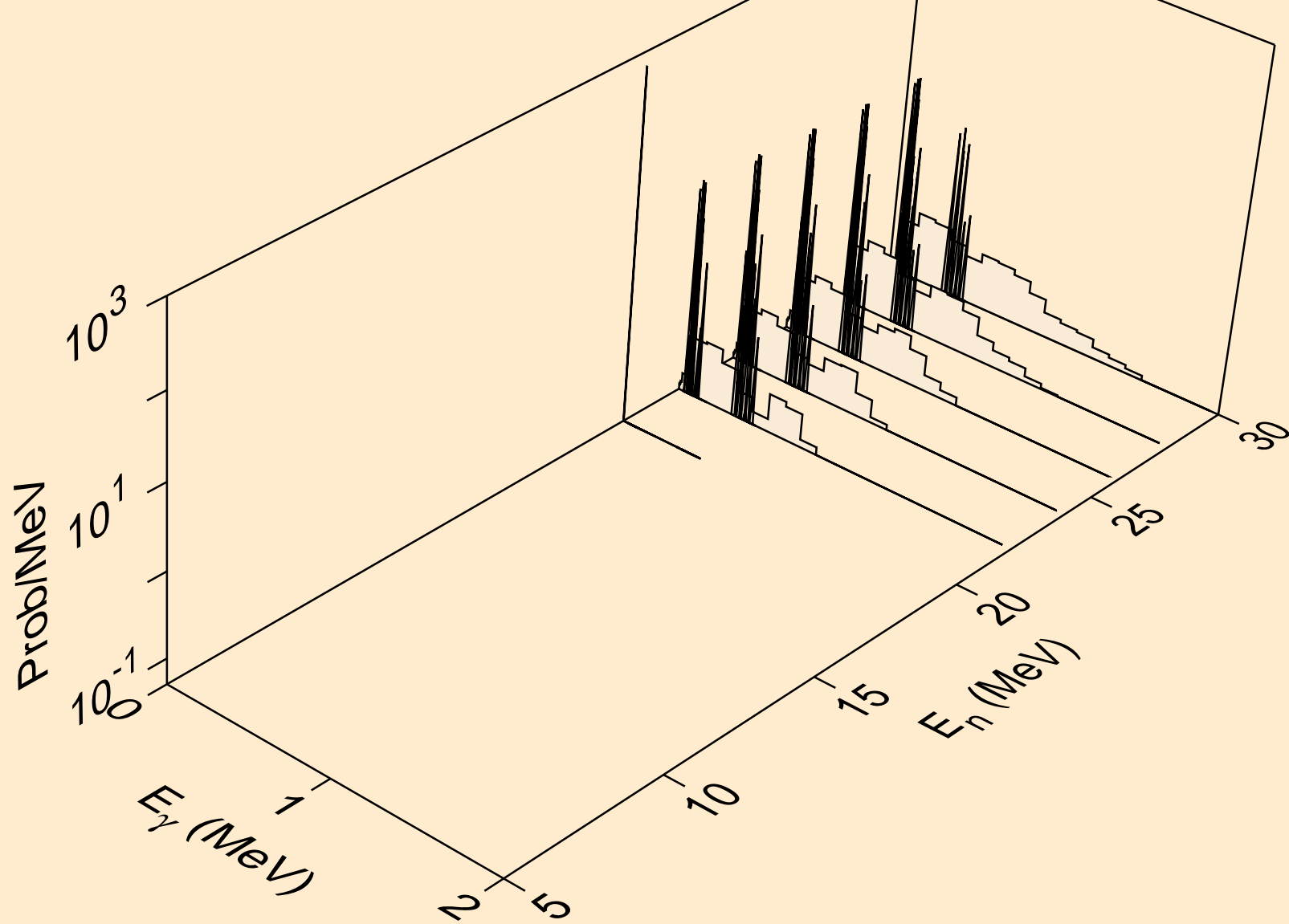
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Photon emission for (n,3np)



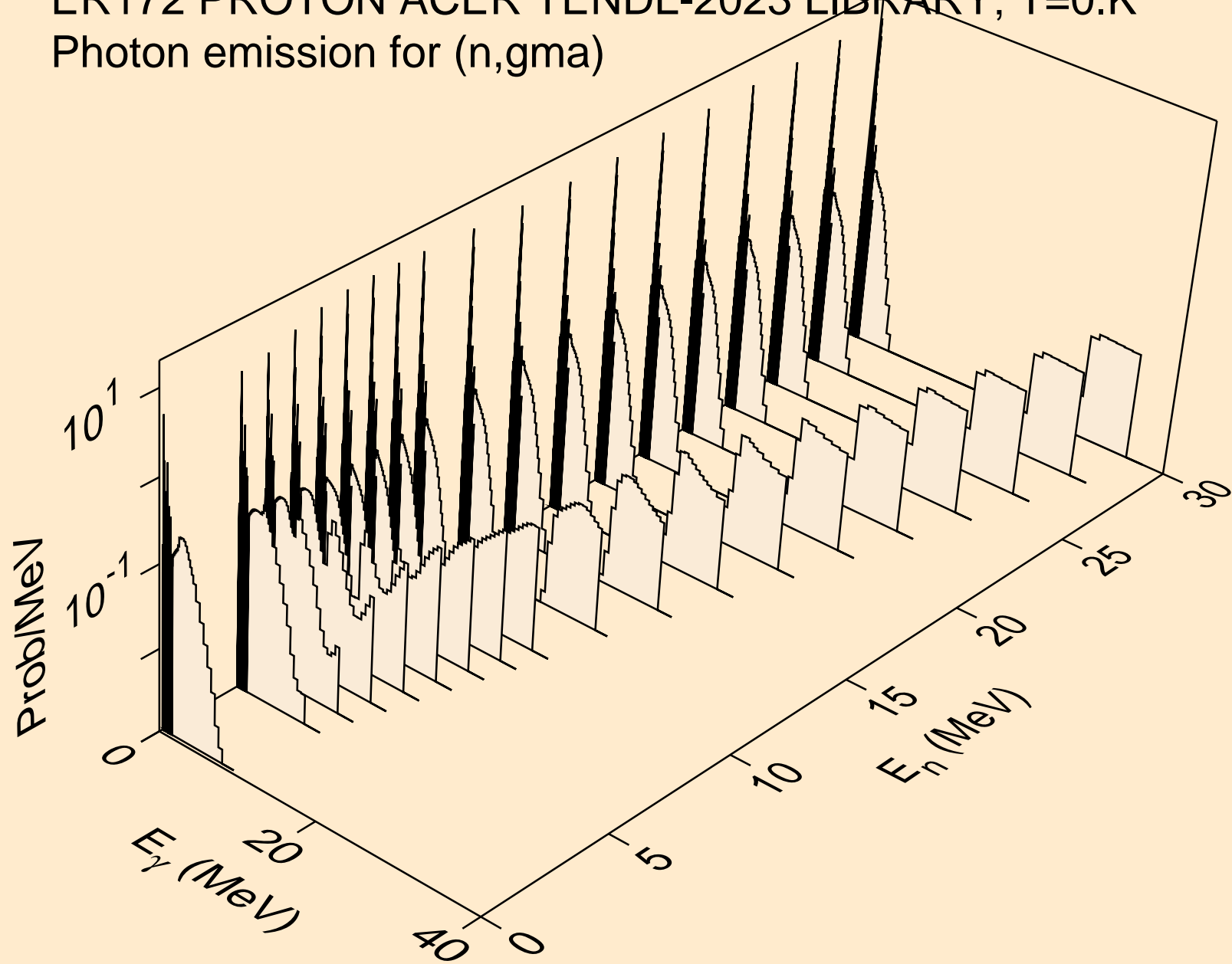
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Photon emission for (n,n2p)



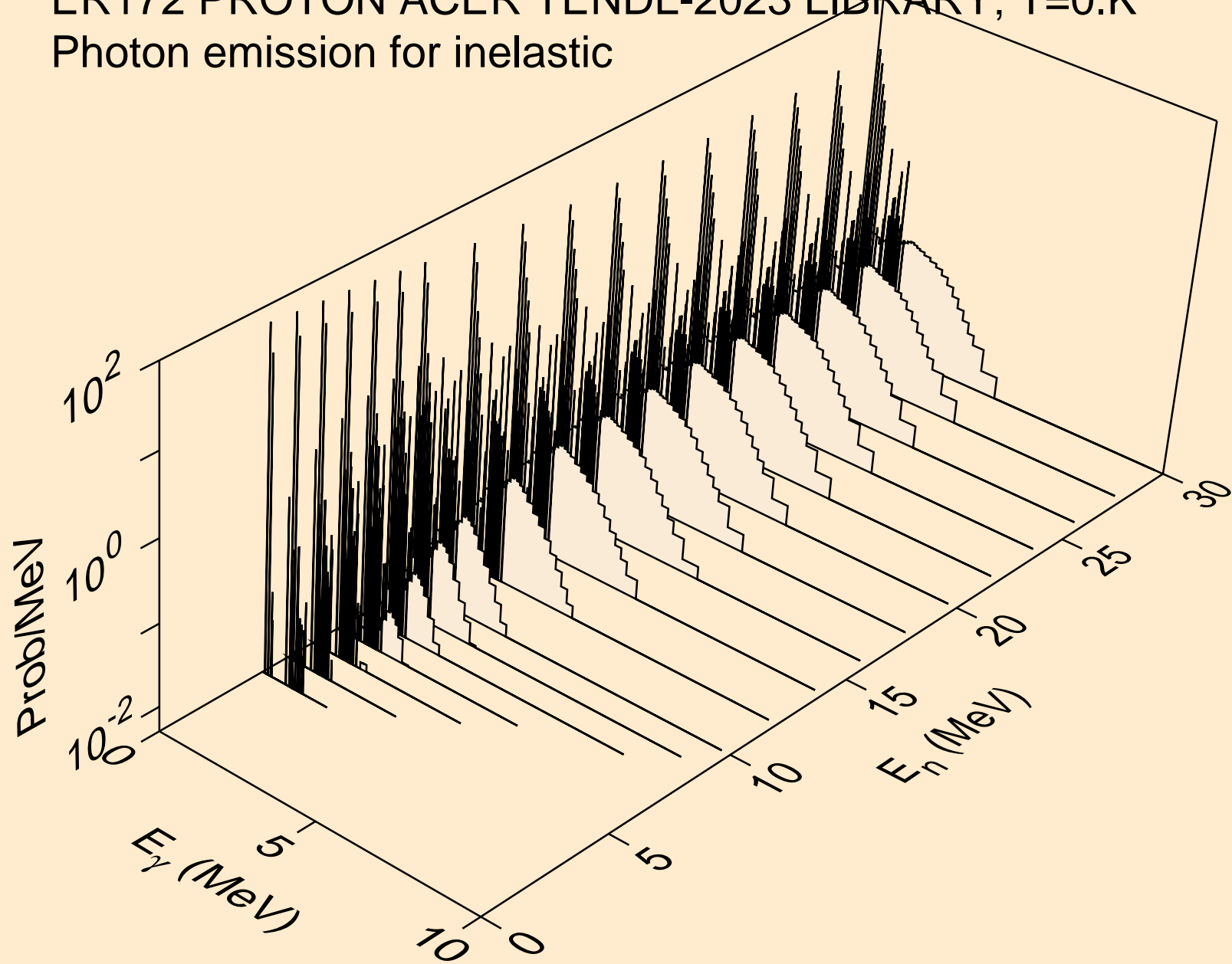
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Photon emission for (n,npa)



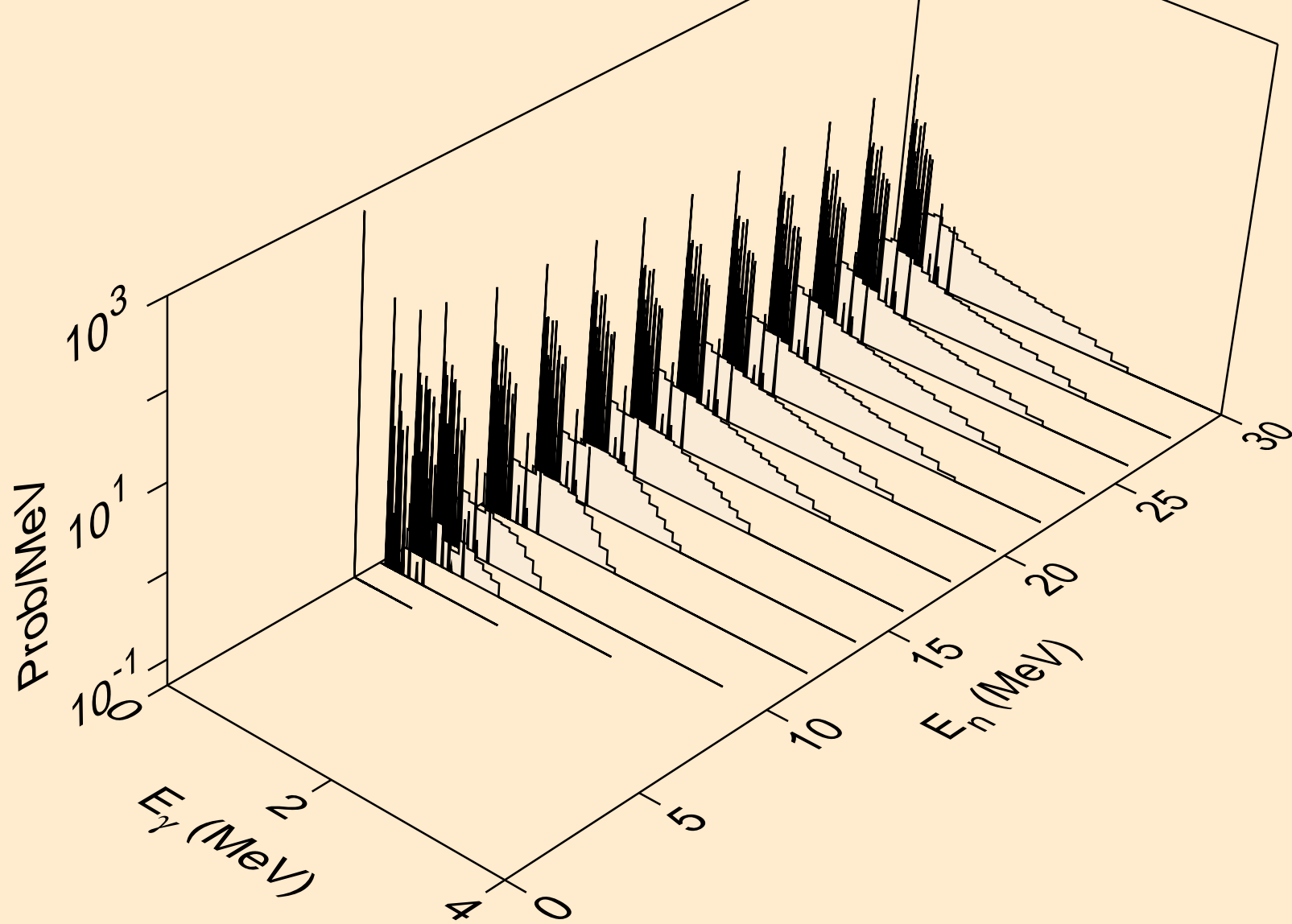
ER172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



ER172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

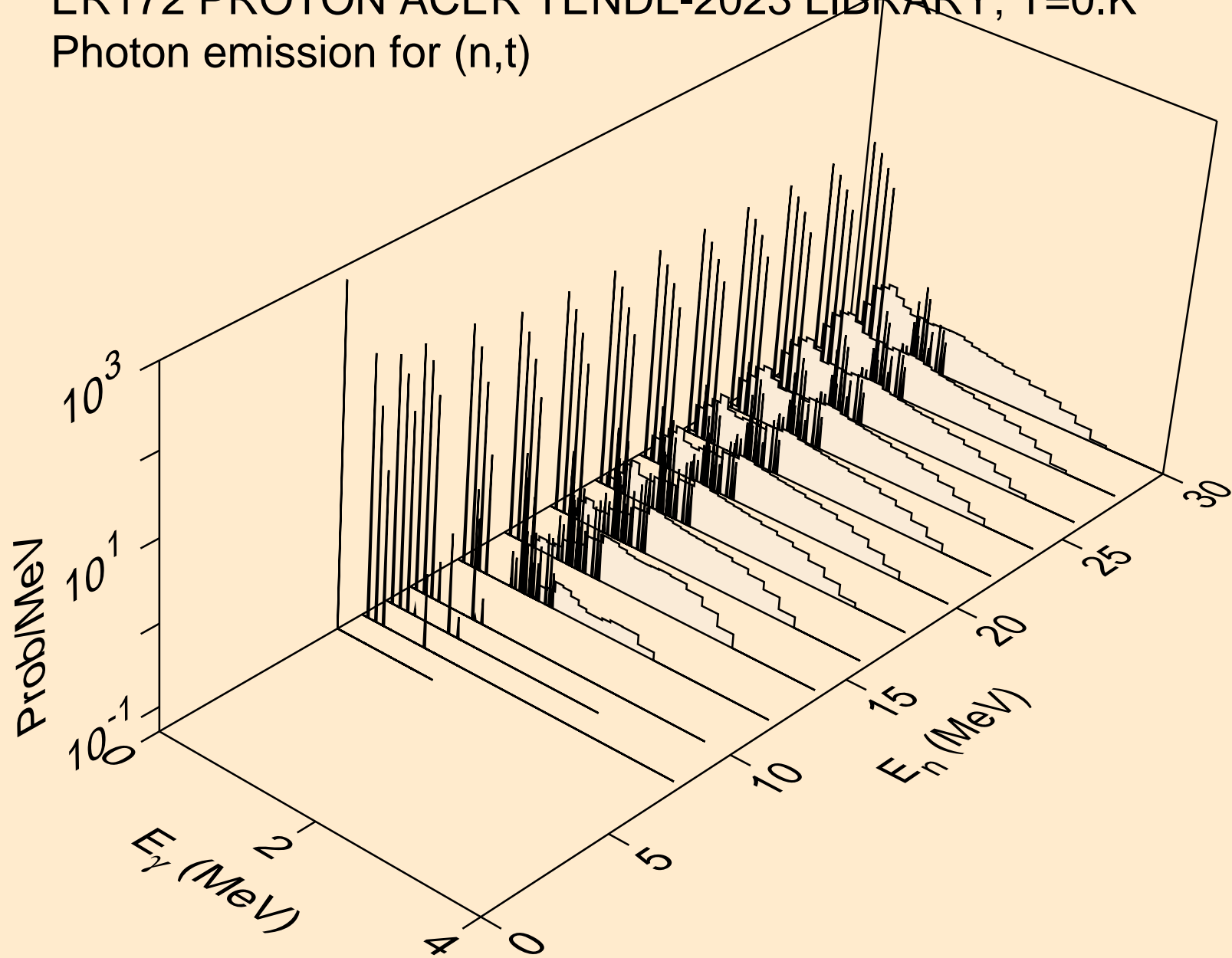


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Photon emission for (n,d)

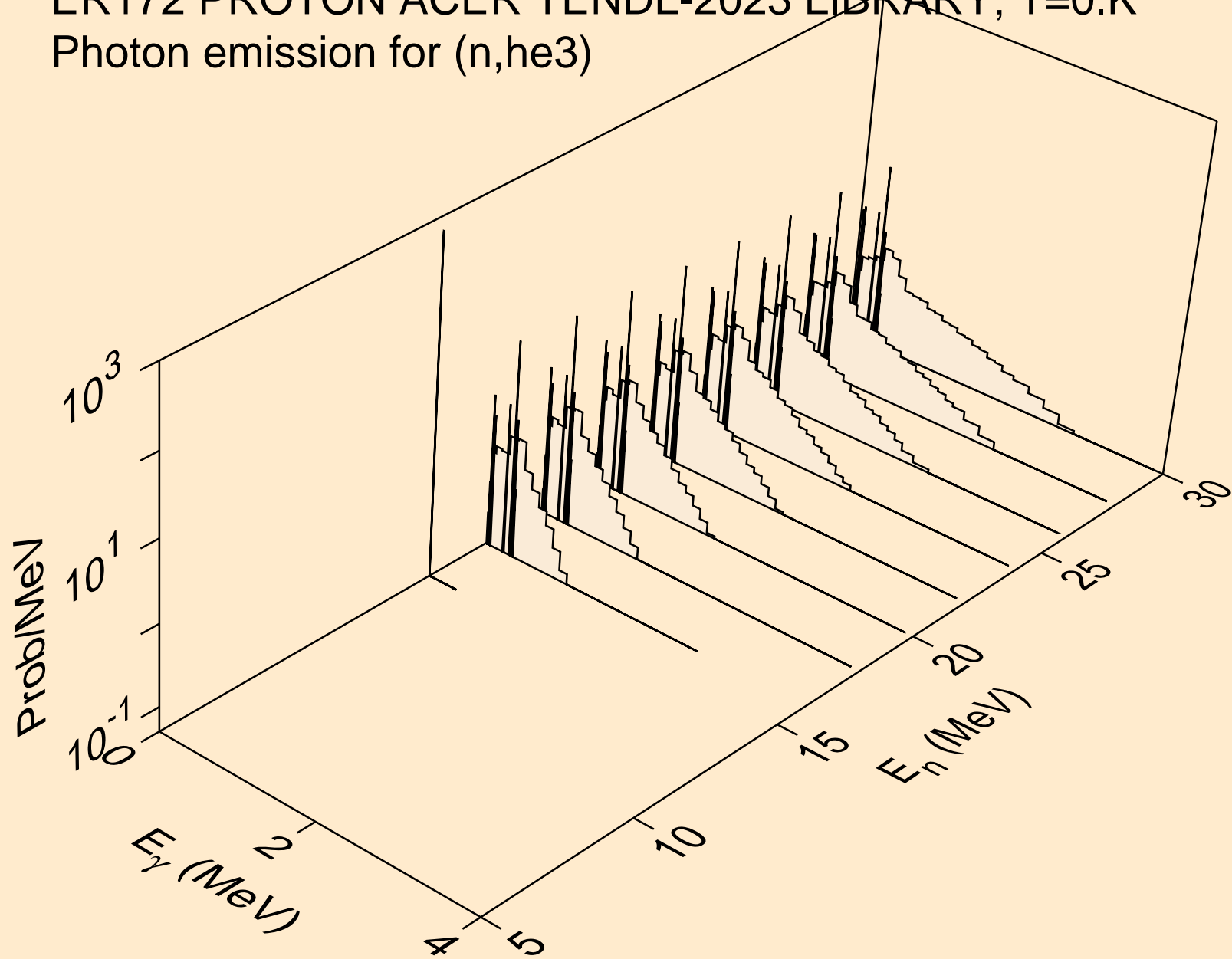




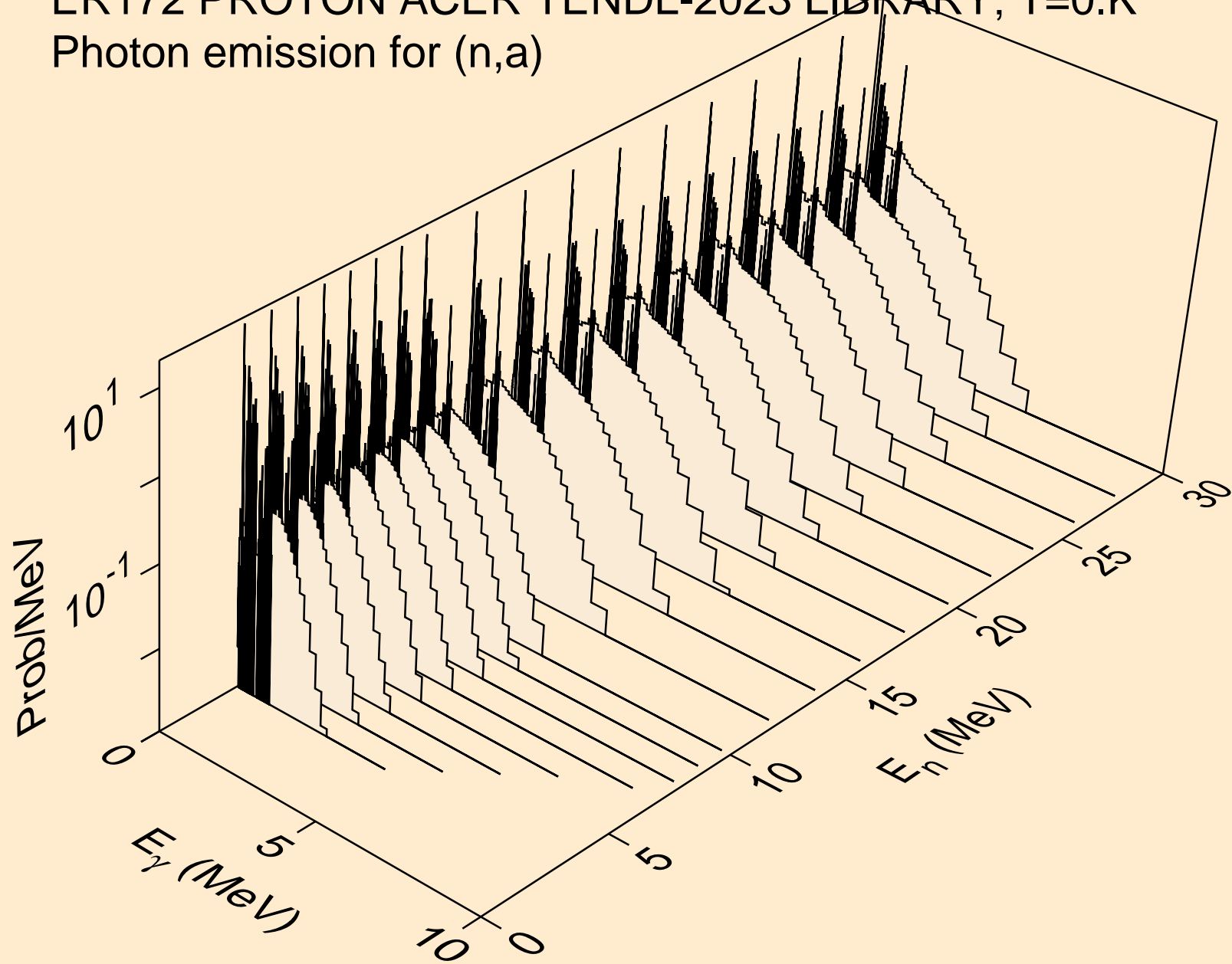
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Photon emission for (n,t)



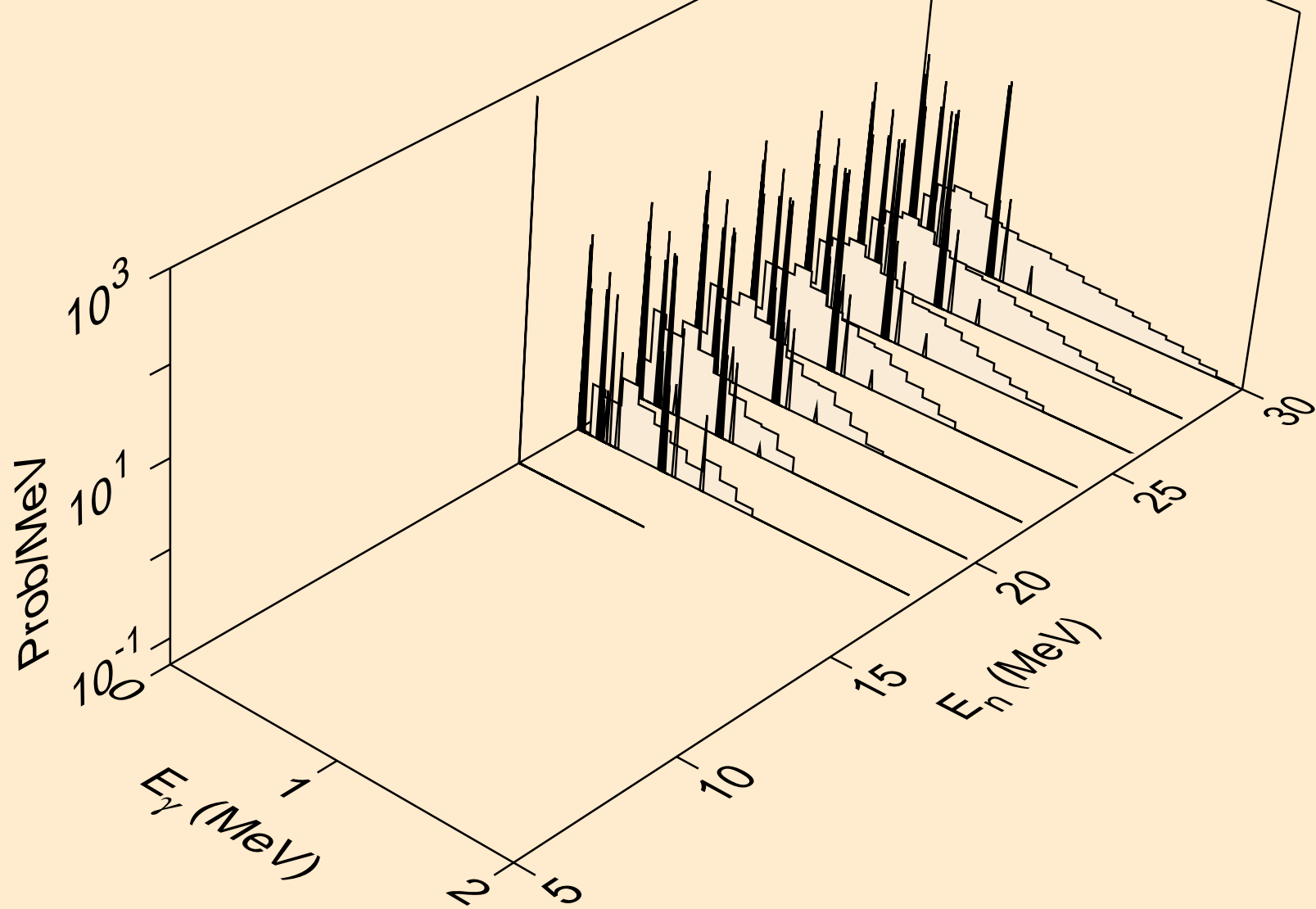
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Photon emission for (n,he3)



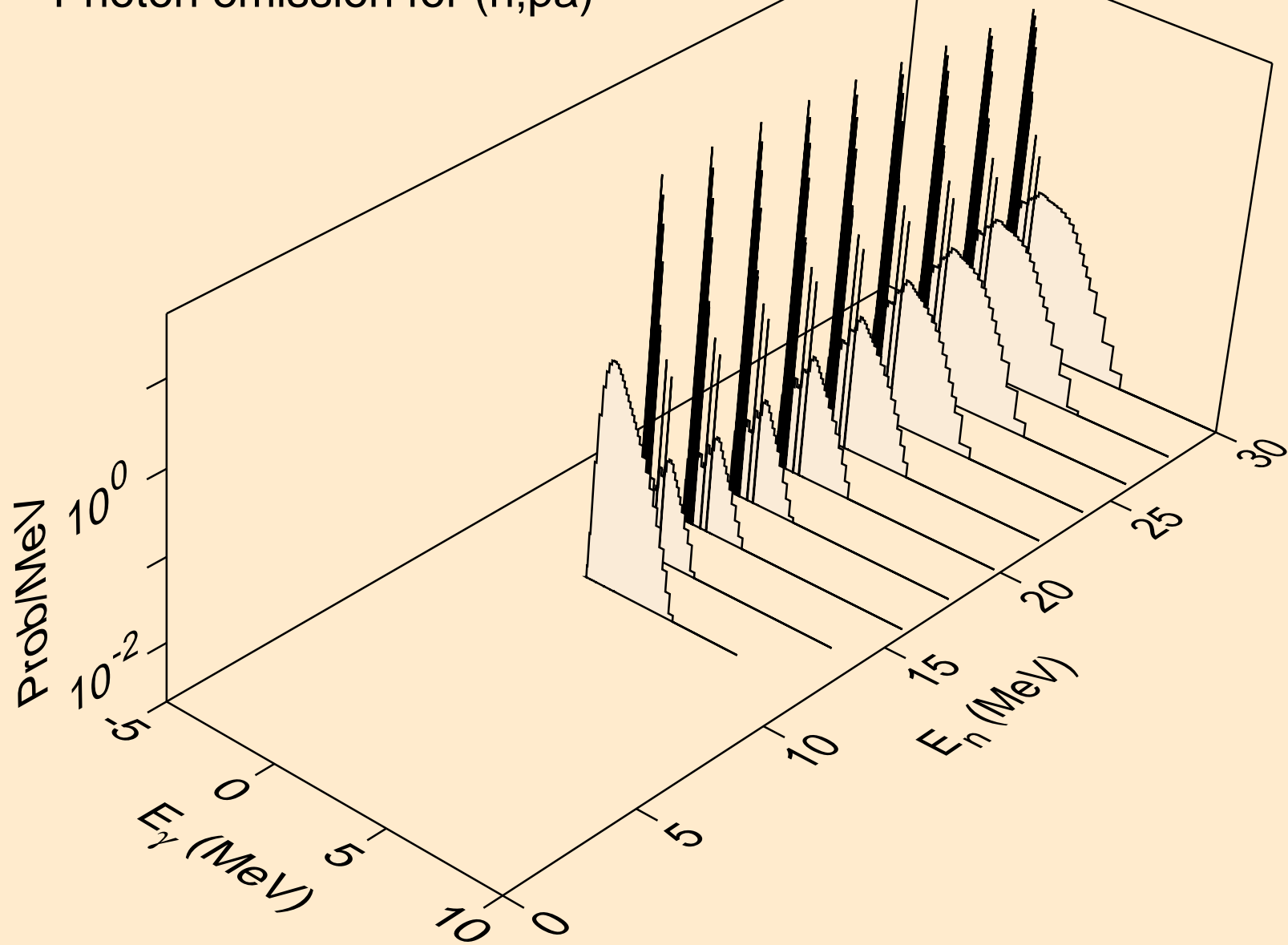
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Photon emission for (n,a)



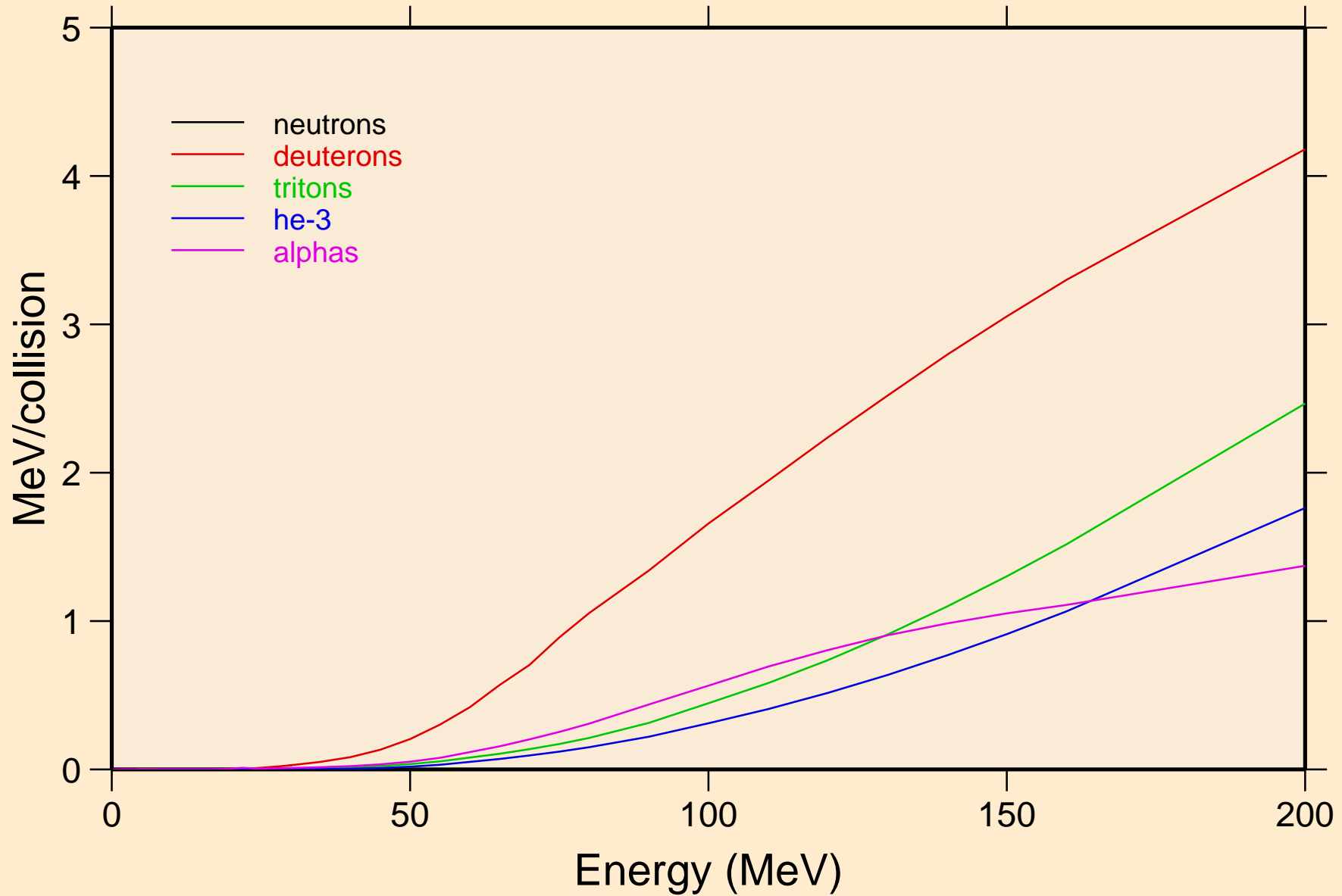
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Photon emission for (n,2p)



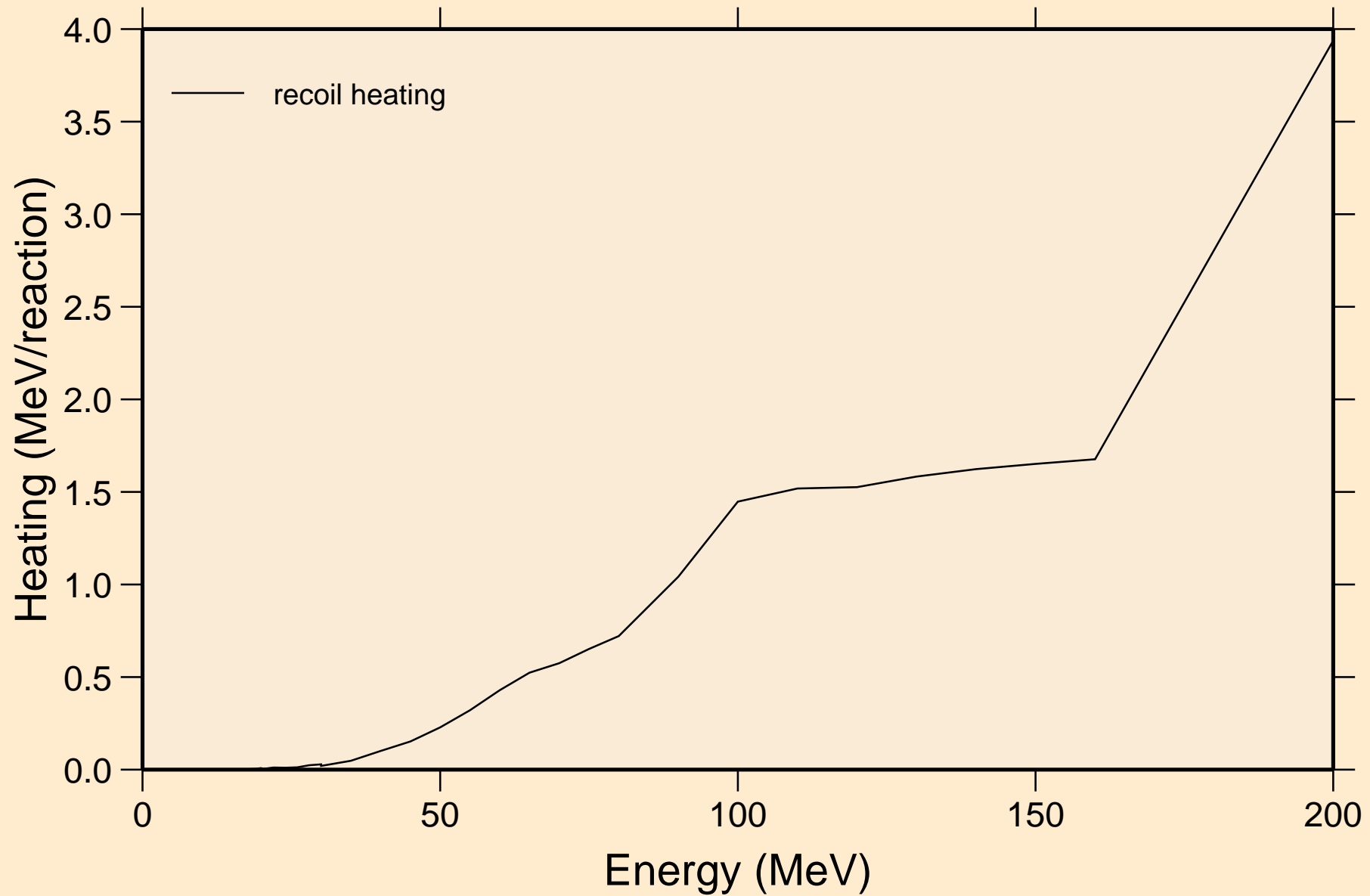
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Photon emission for (n,p)



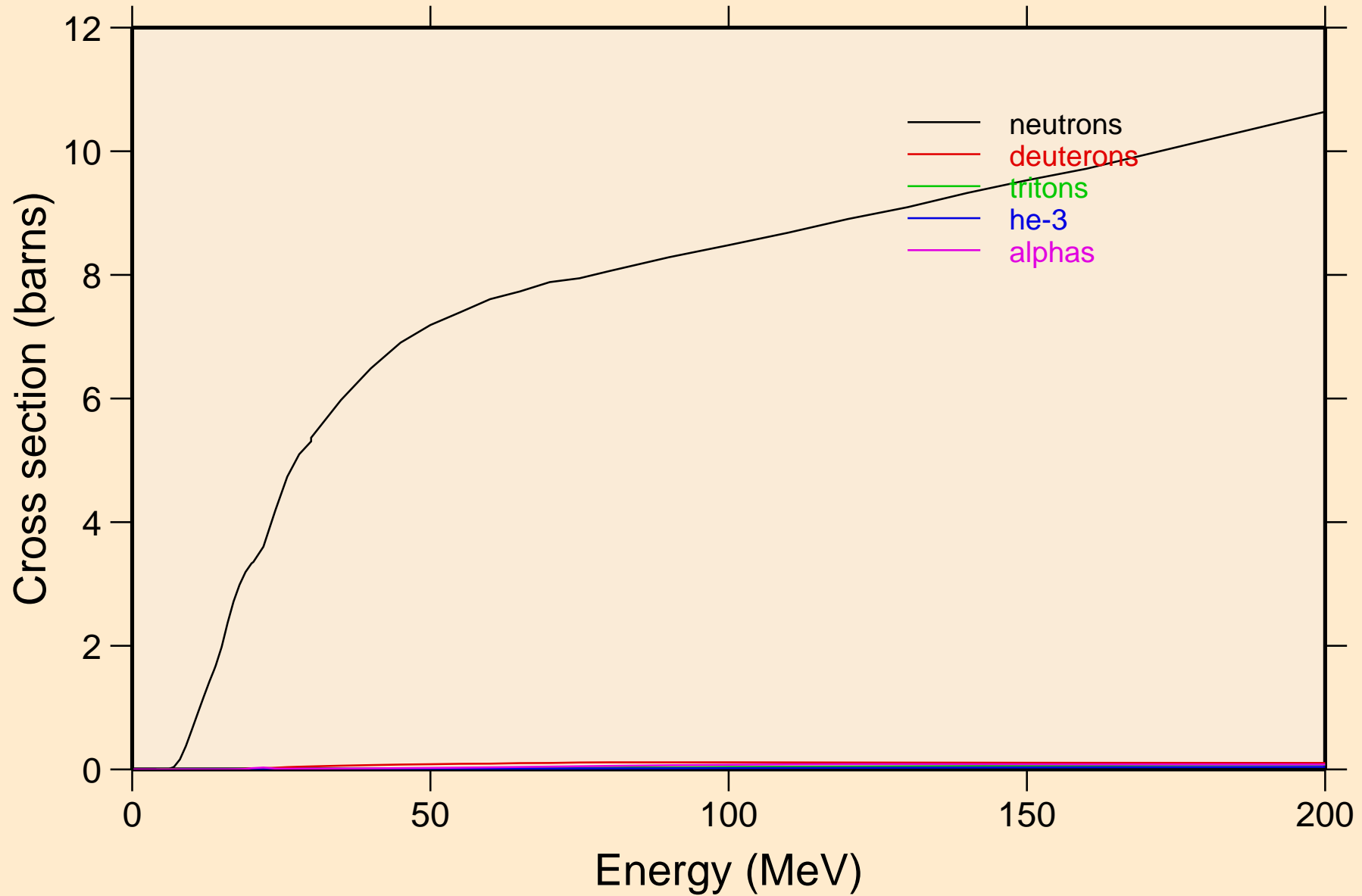
ER172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



ER172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

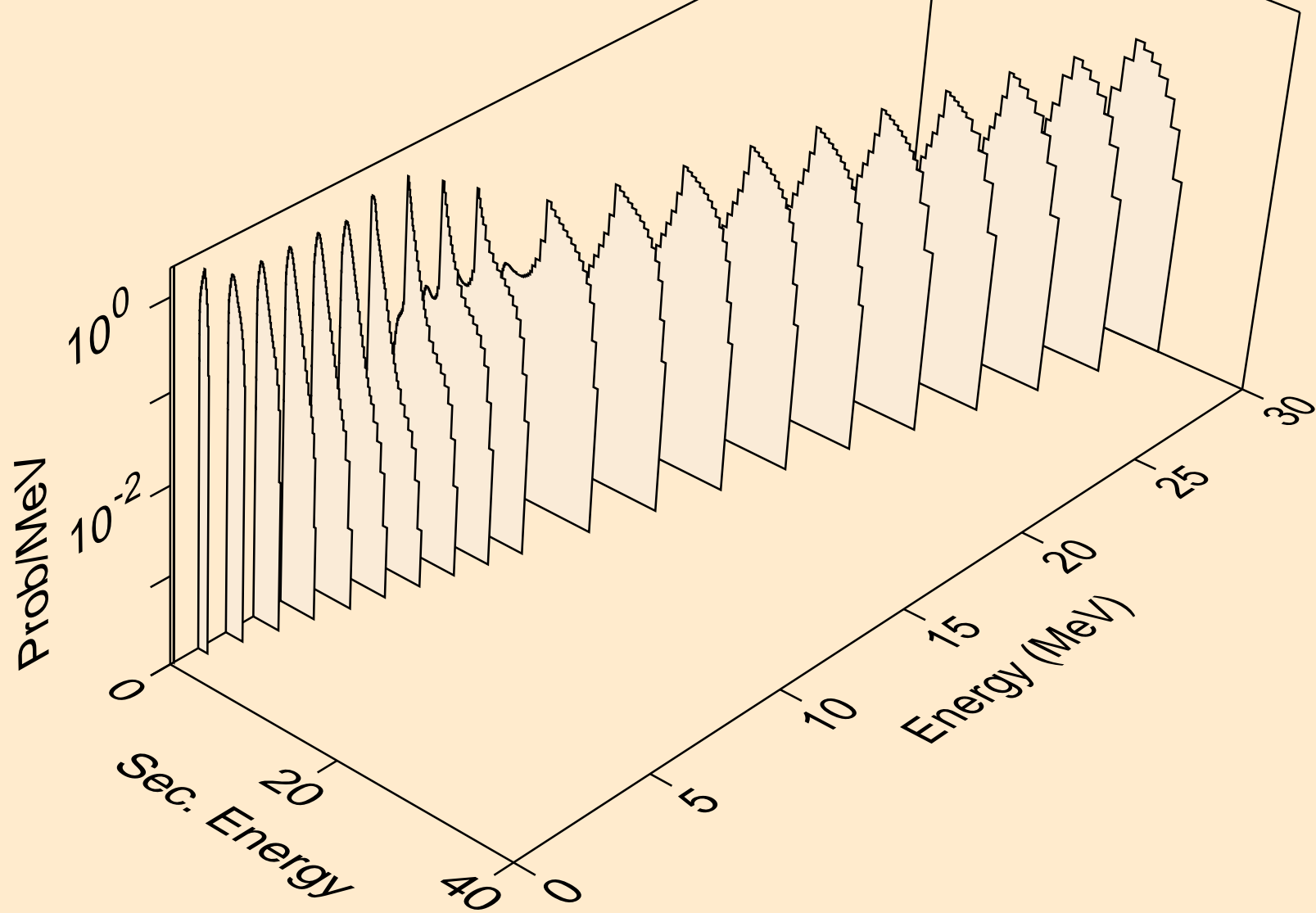


ER172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections

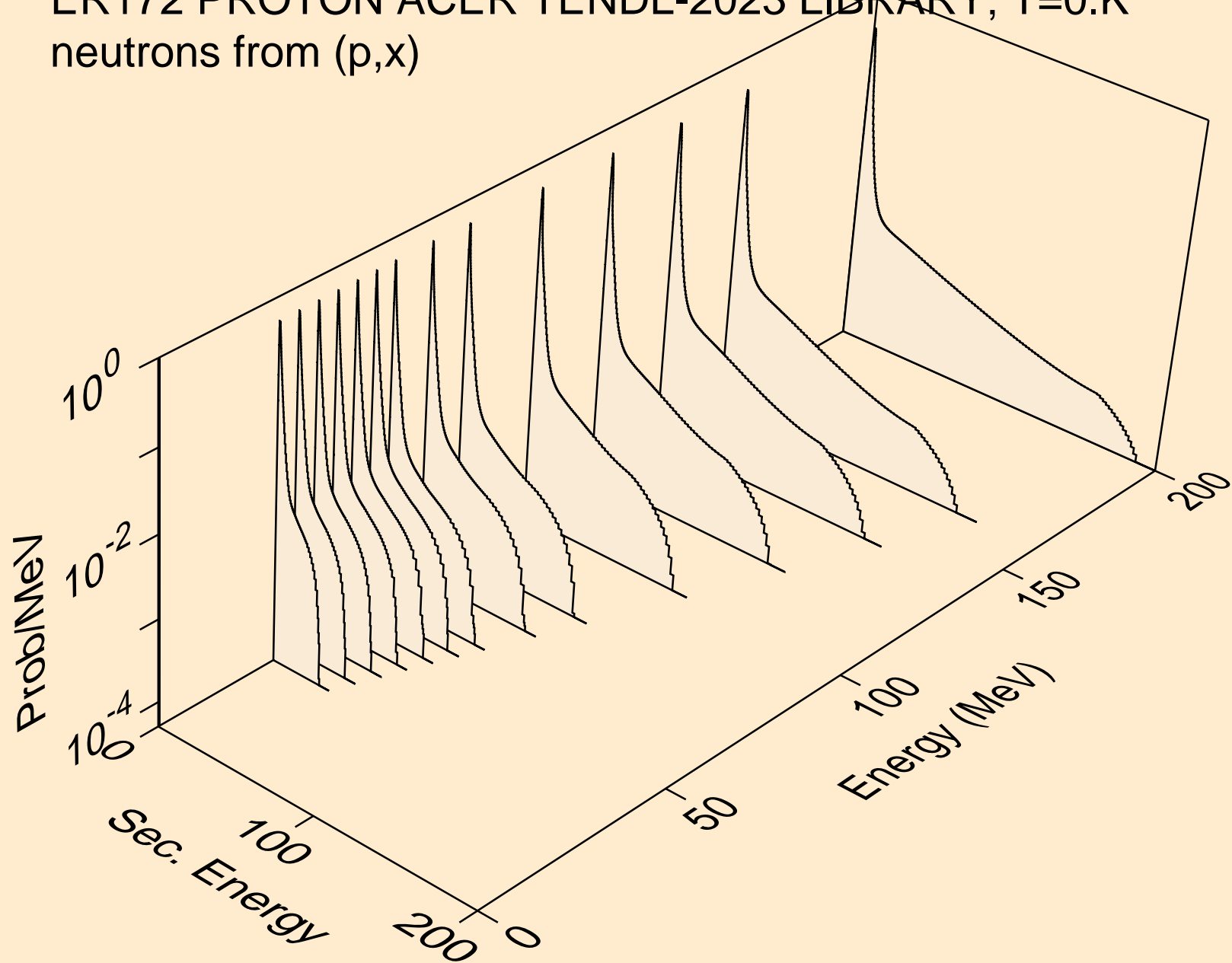




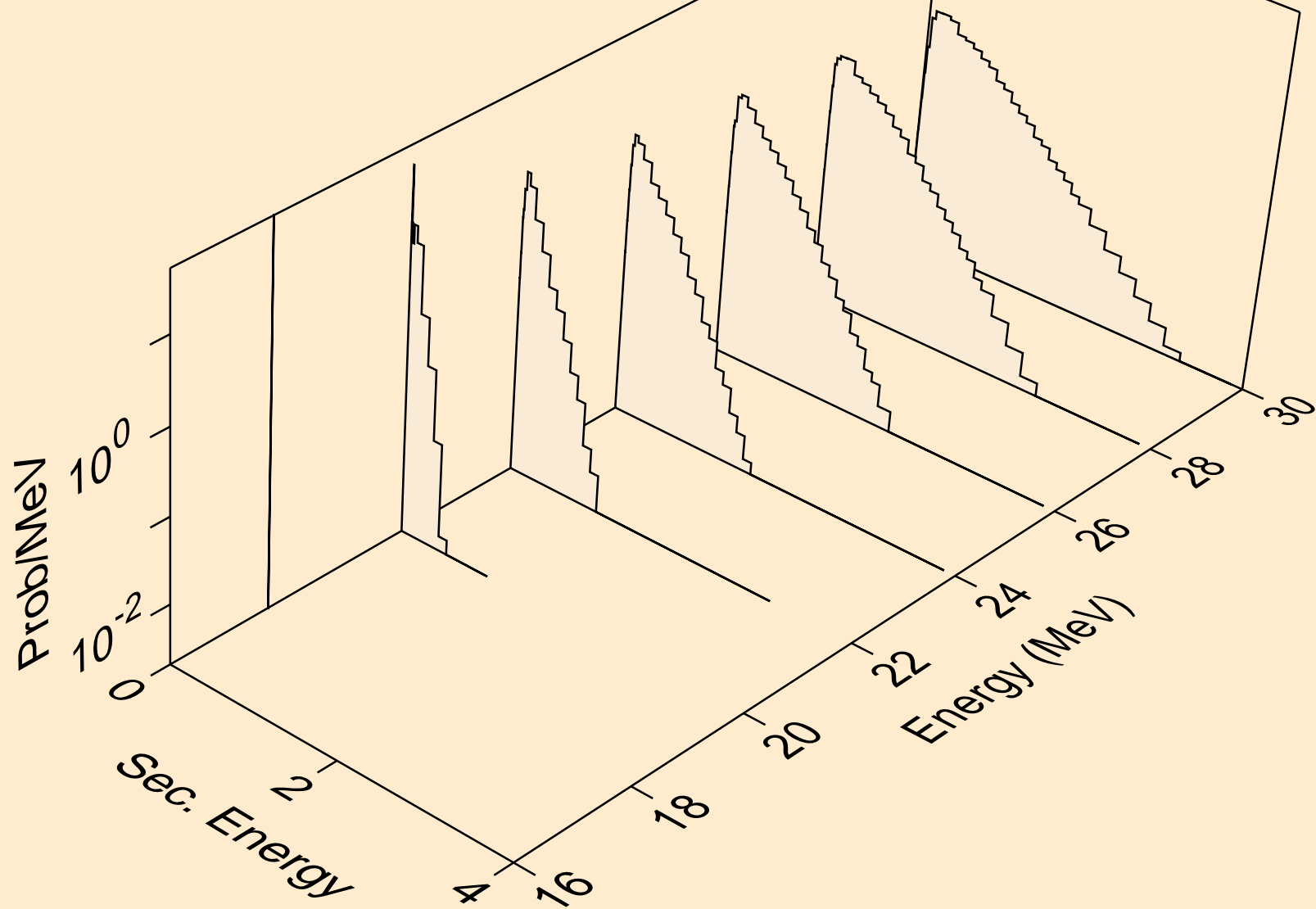
ER172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)



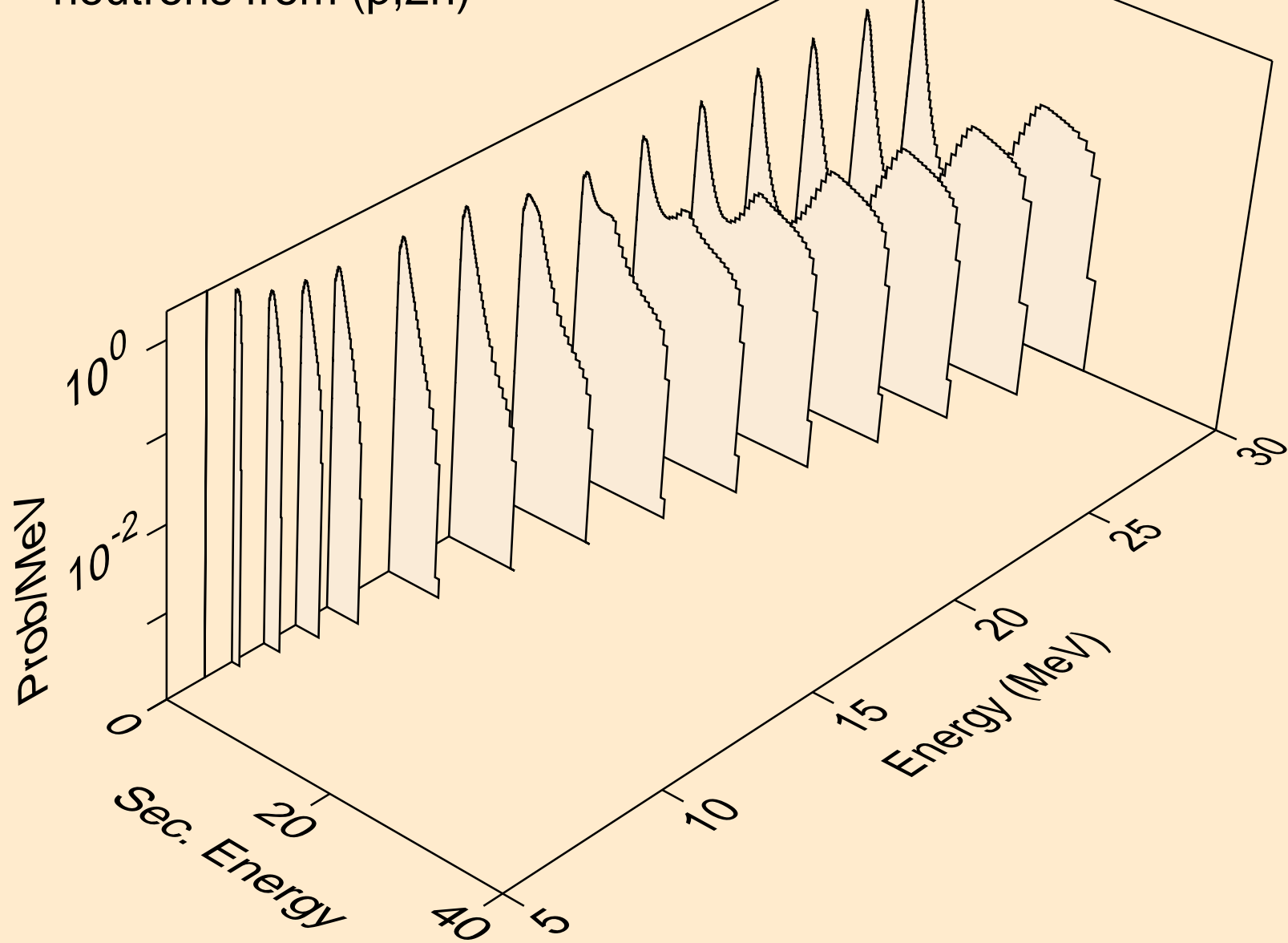
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neutrons from (p,x)



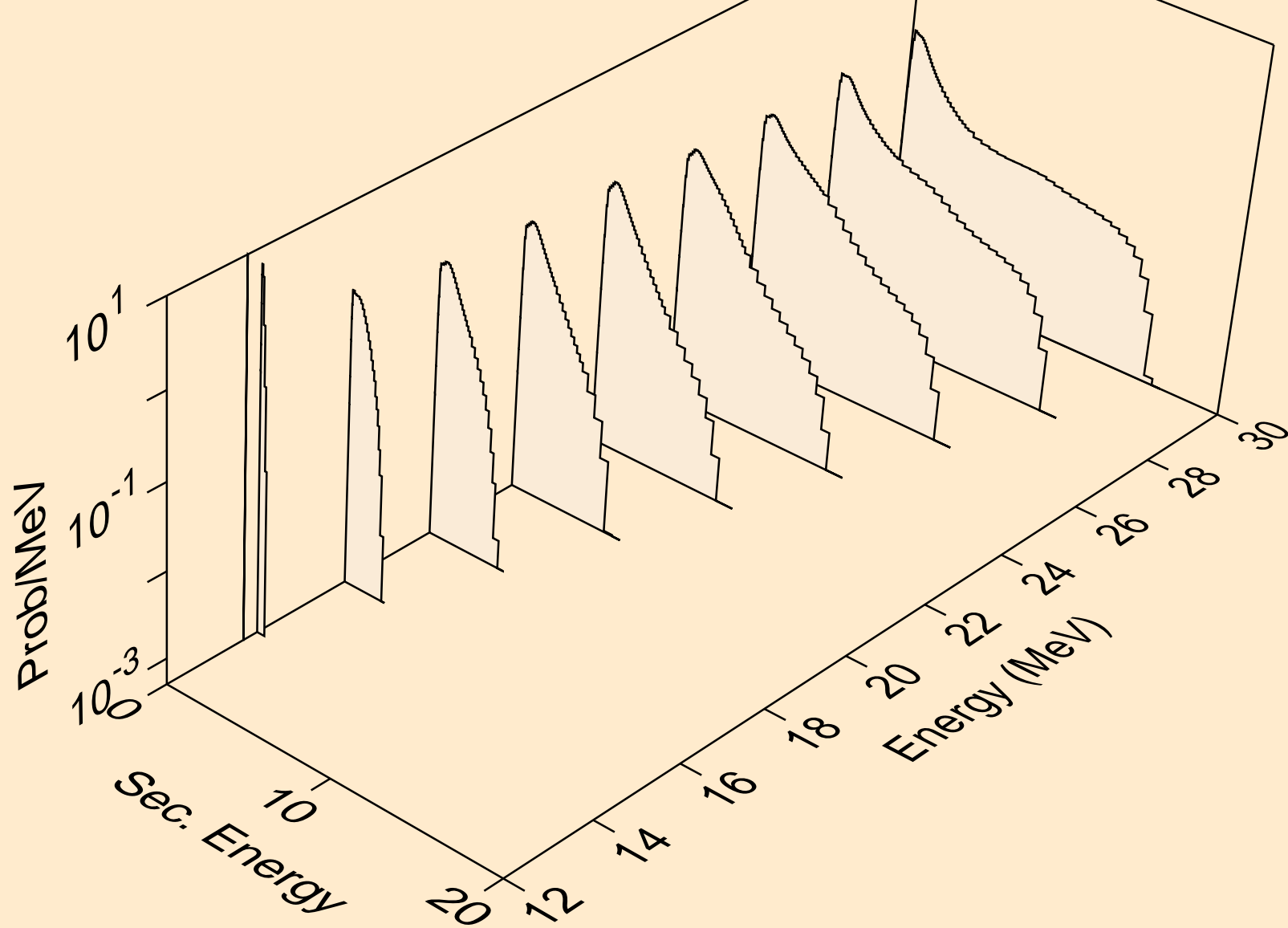
ER172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2nd)



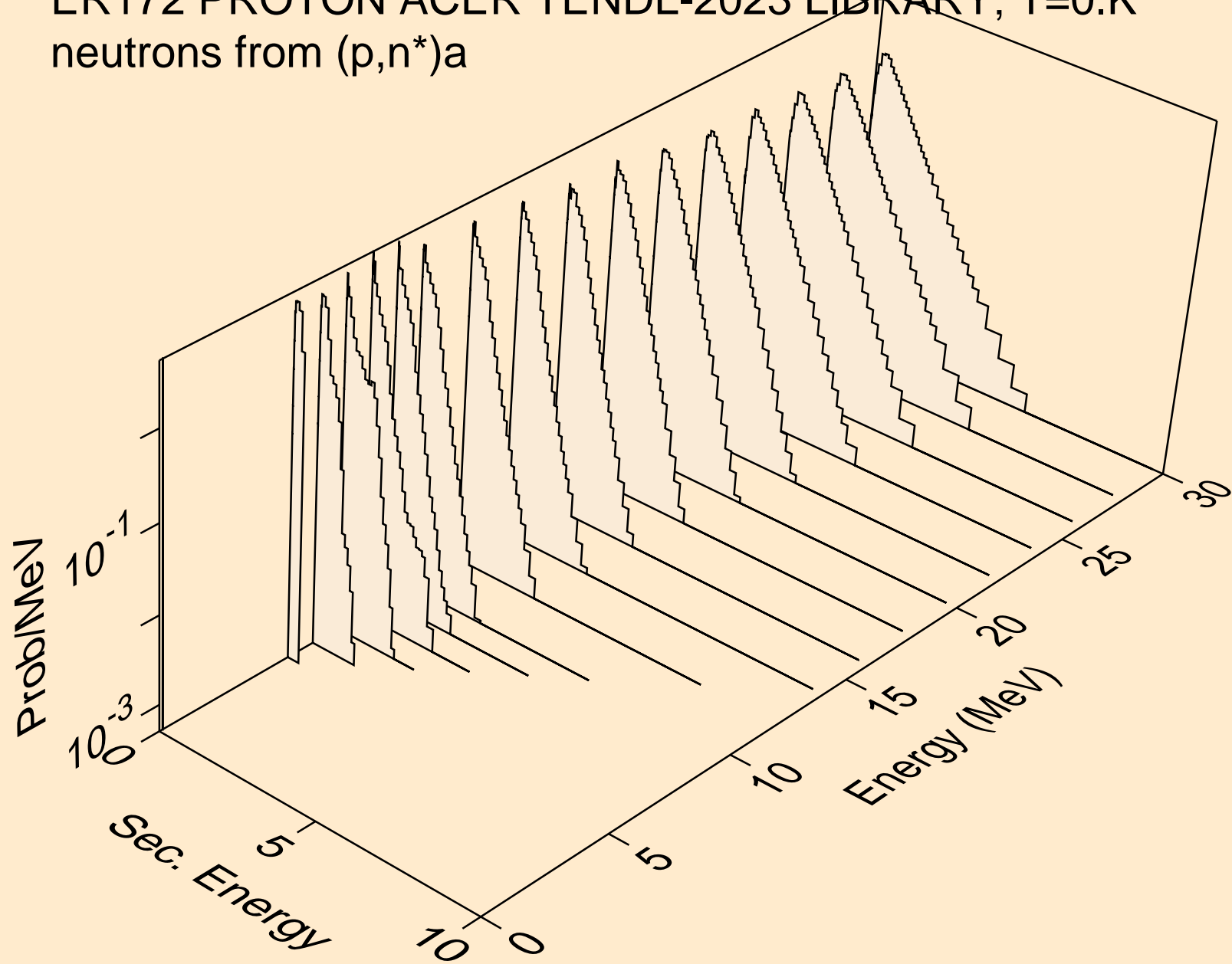
ER172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)



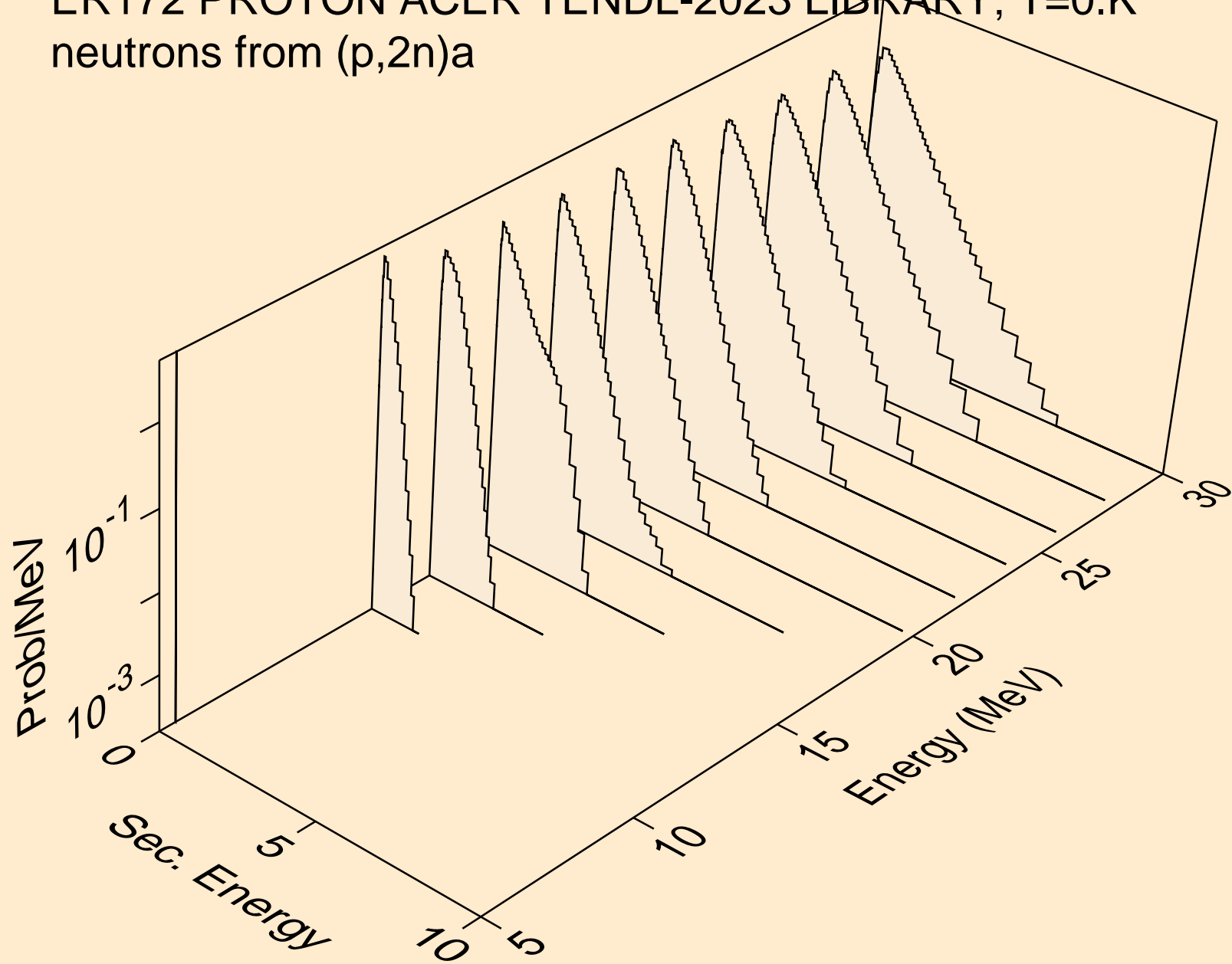
ER172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)



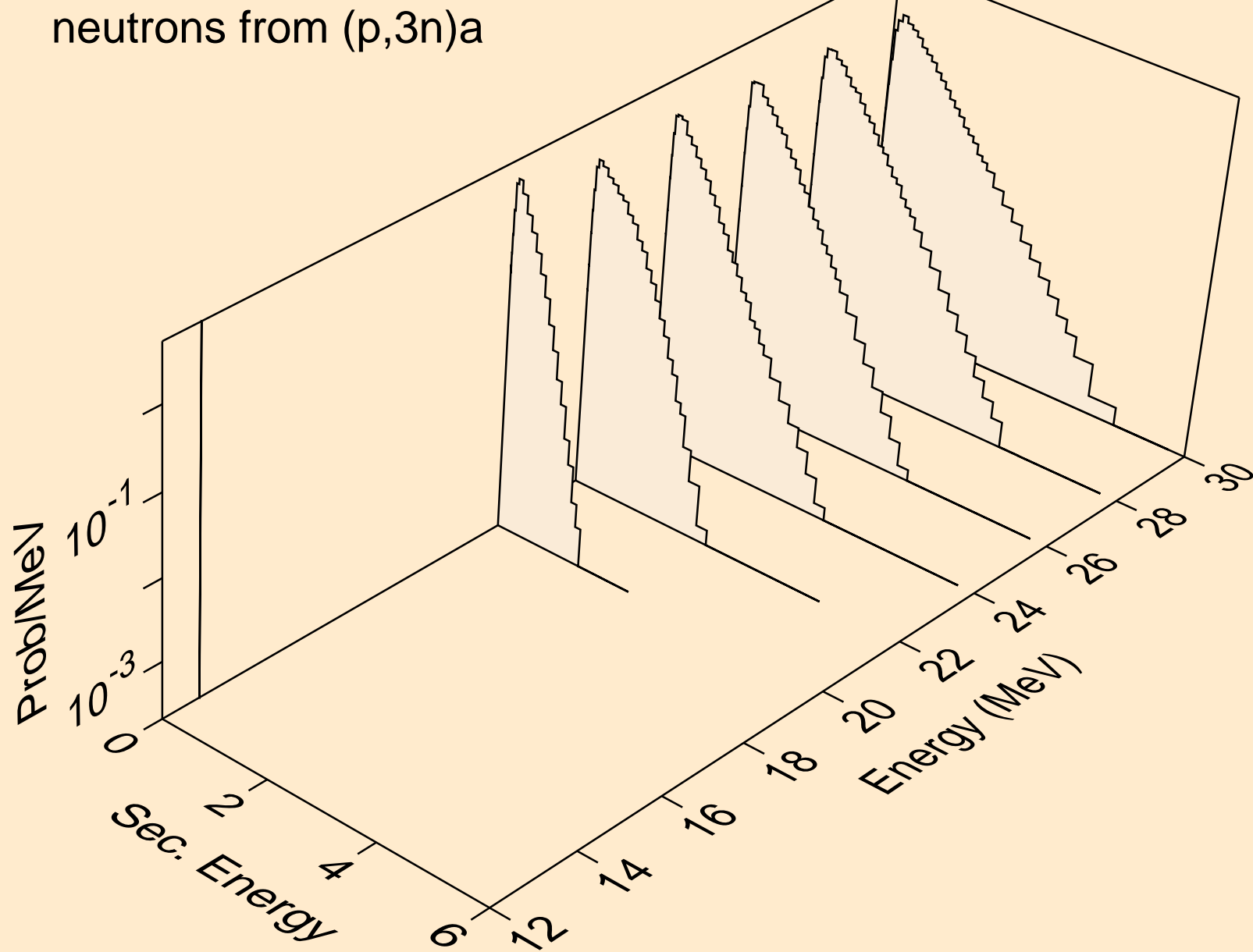
ER172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a



ER172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)a

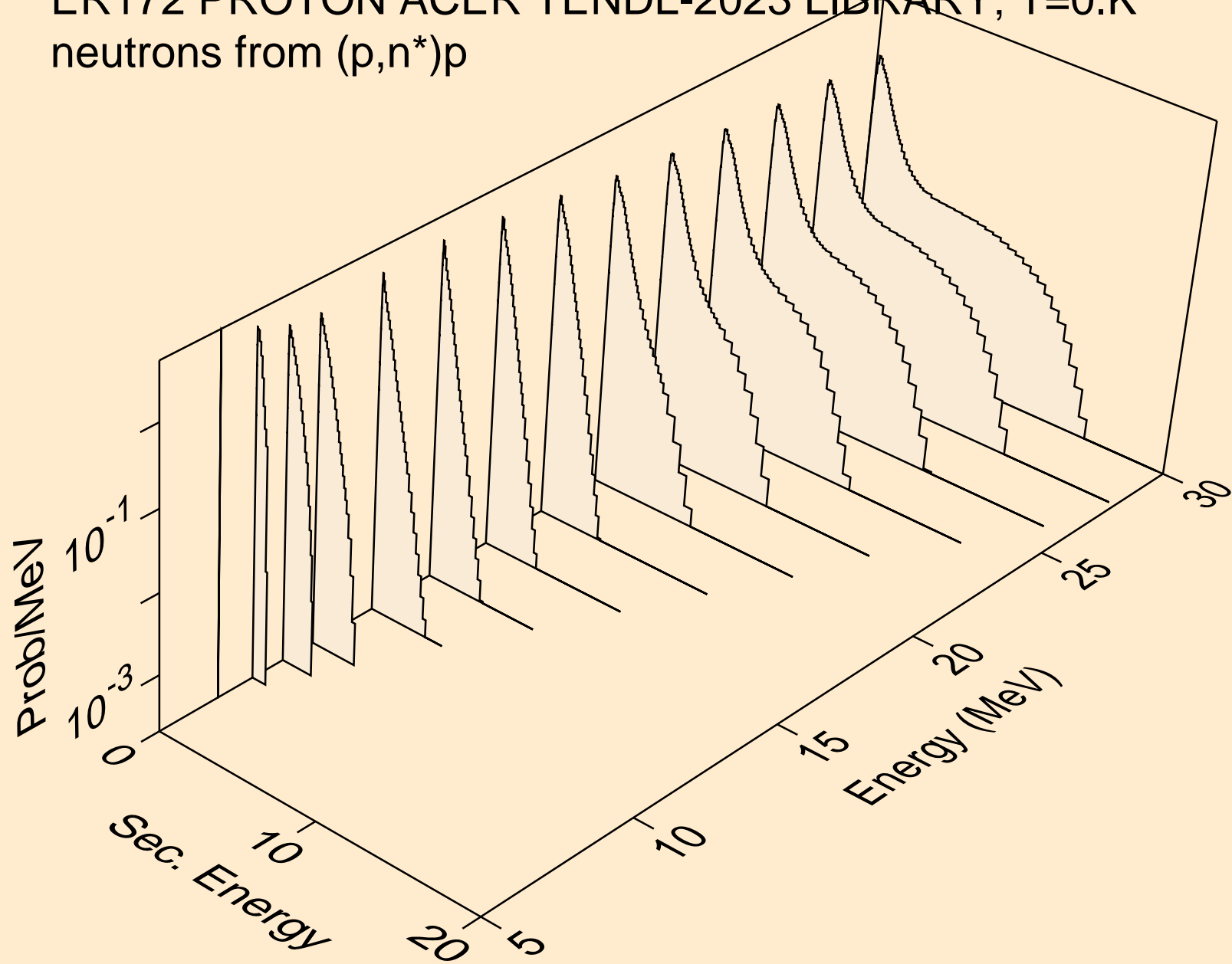


ER172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)a

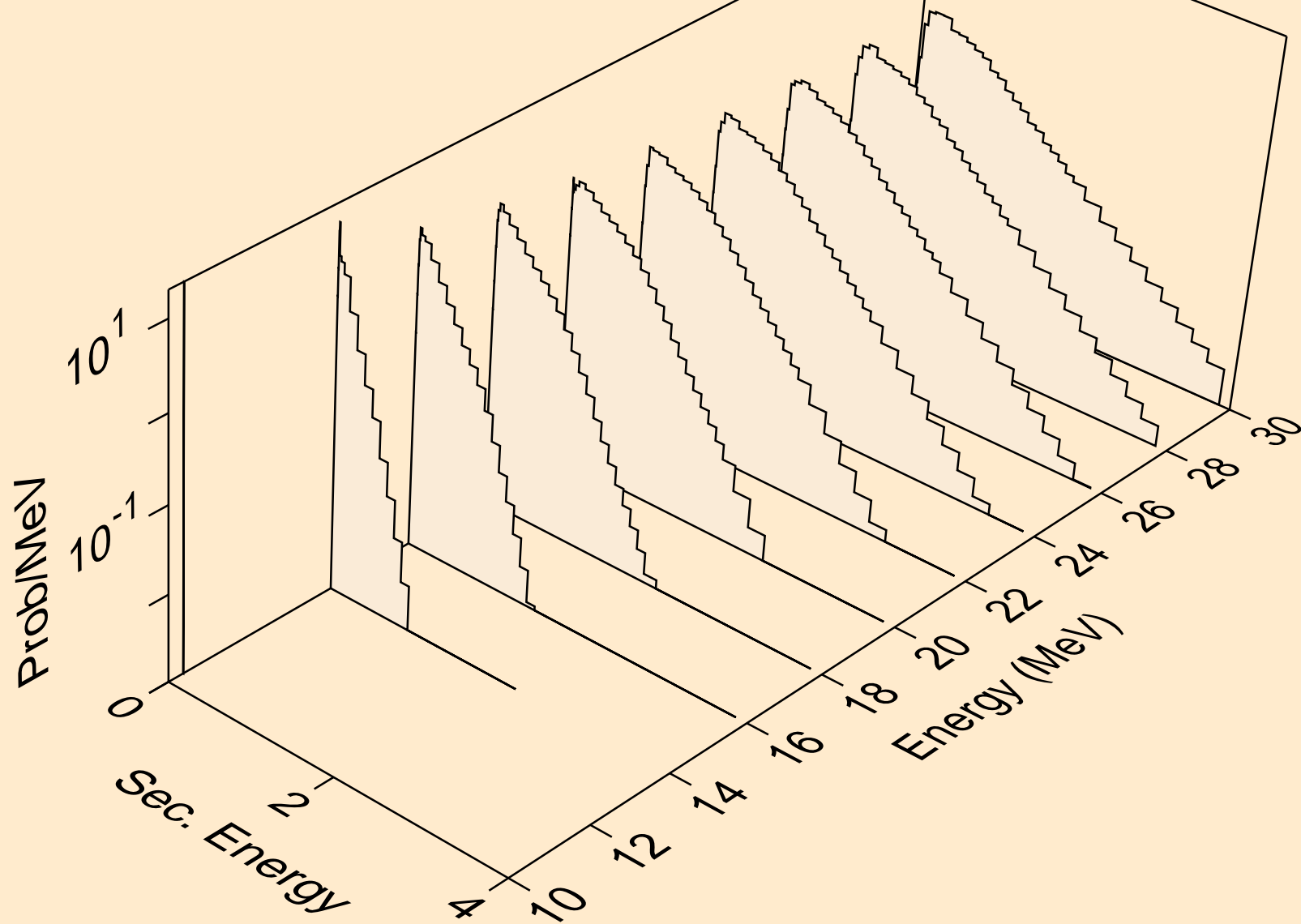




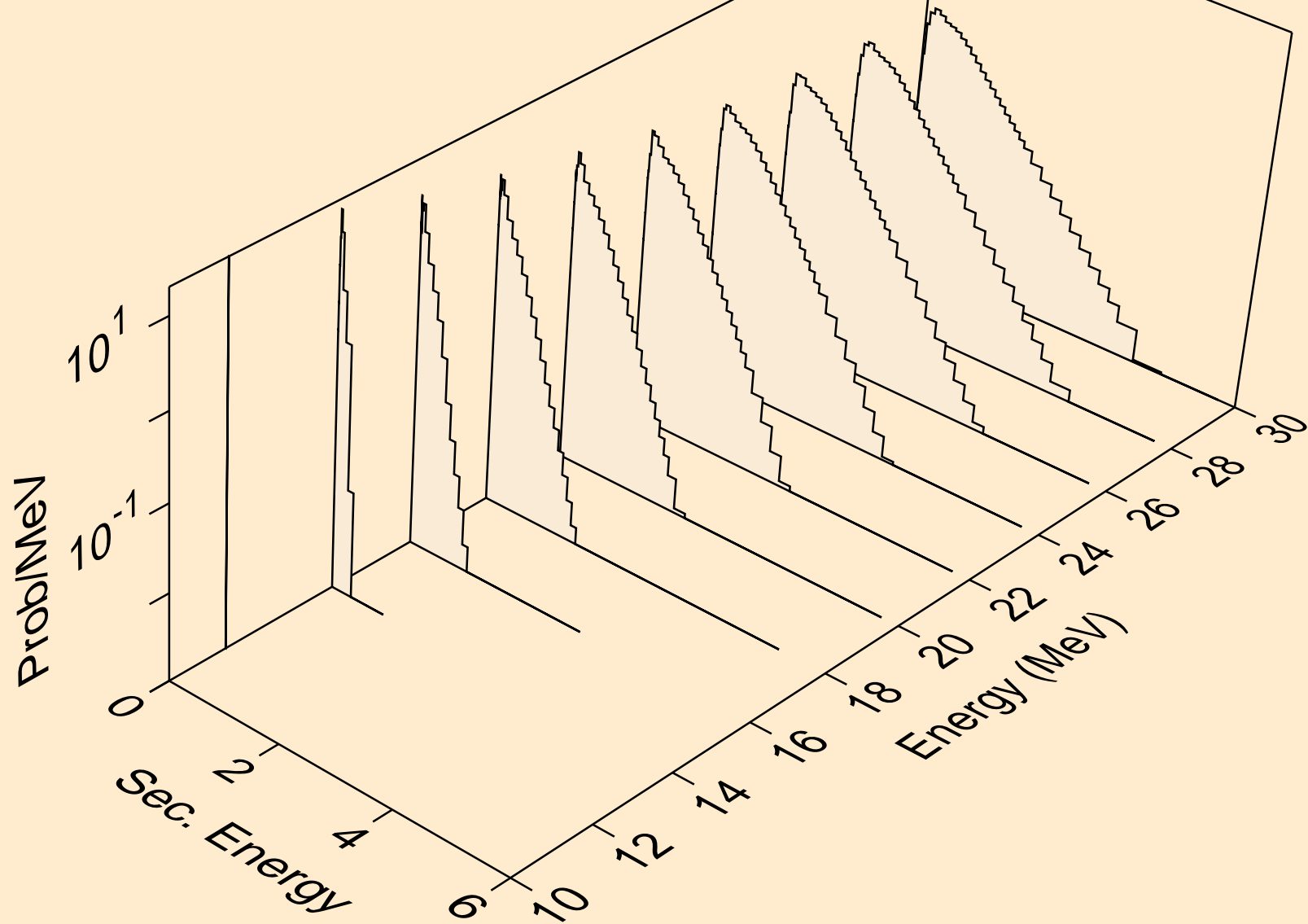
ER172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)p



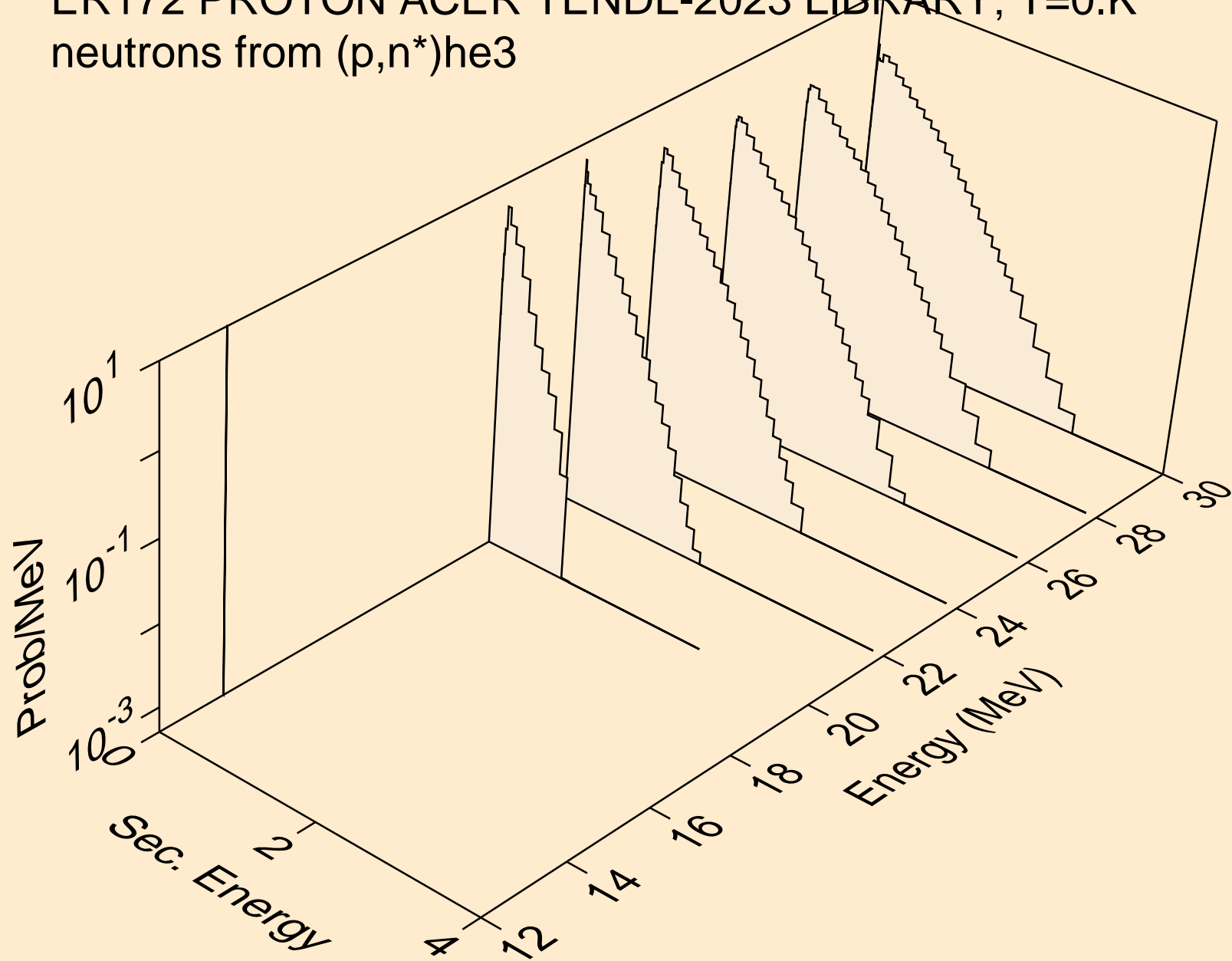
ER172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)d



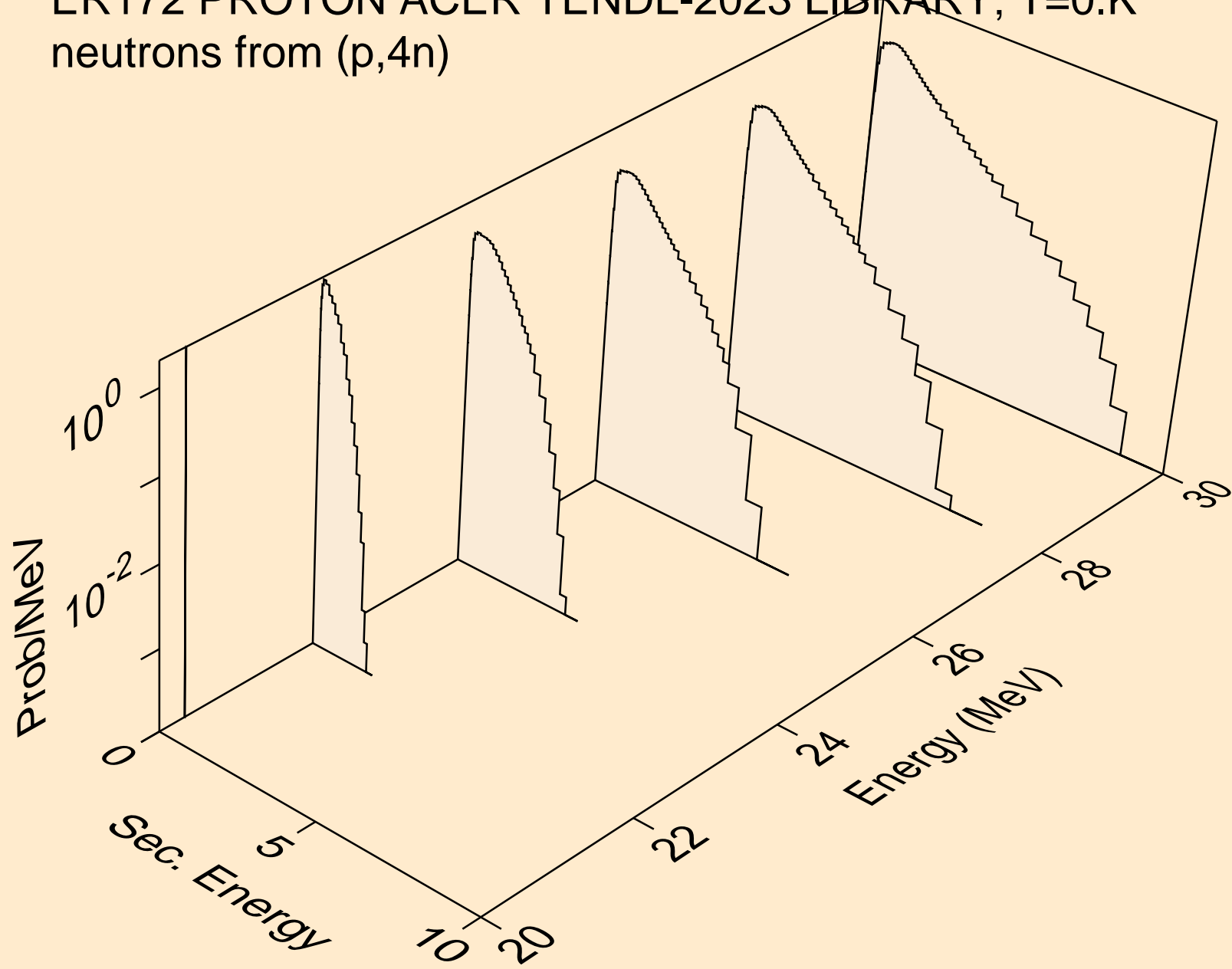
ER172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)t



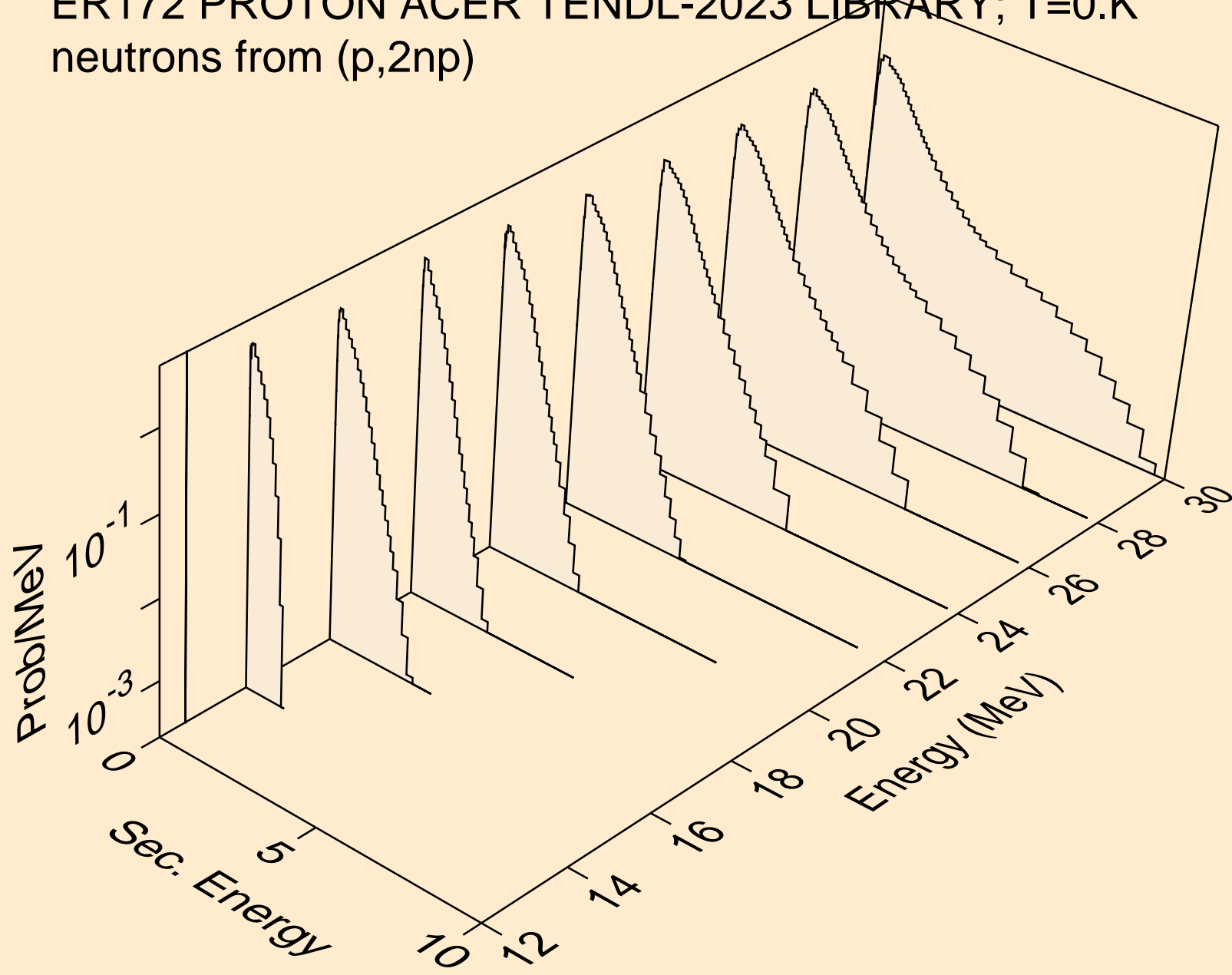
ER172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



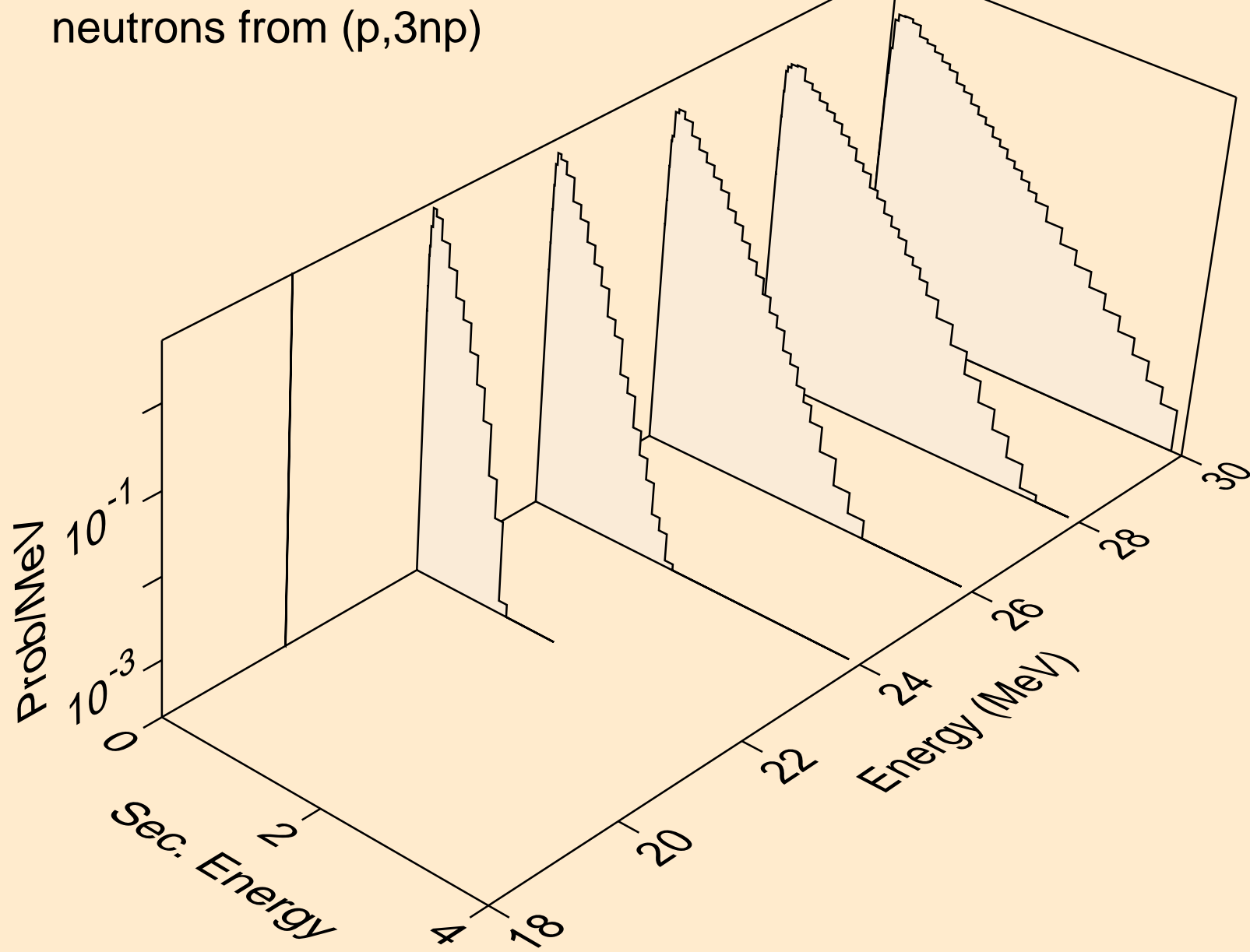
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neutrons from (p,4n)



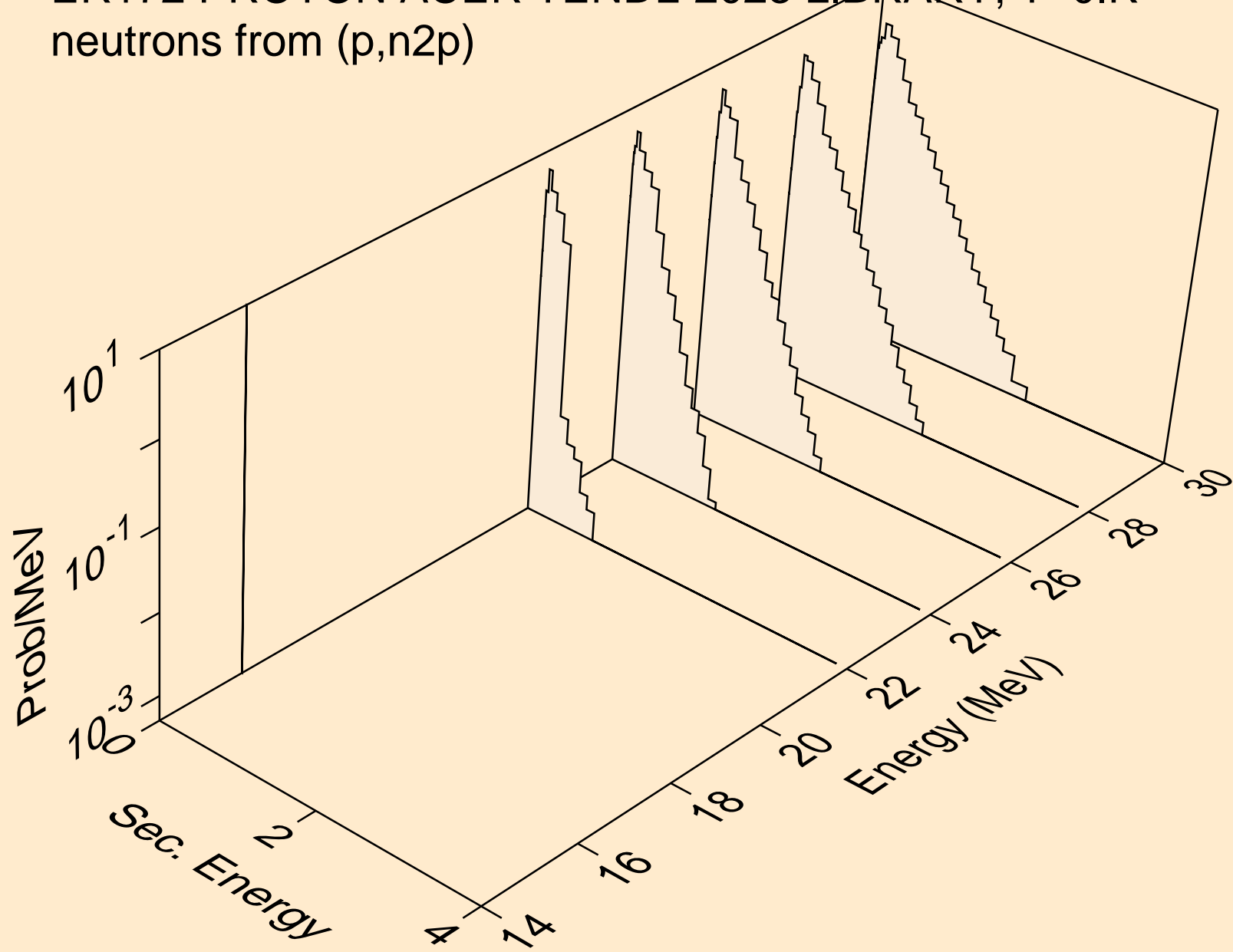
ER172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2np)



ER172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
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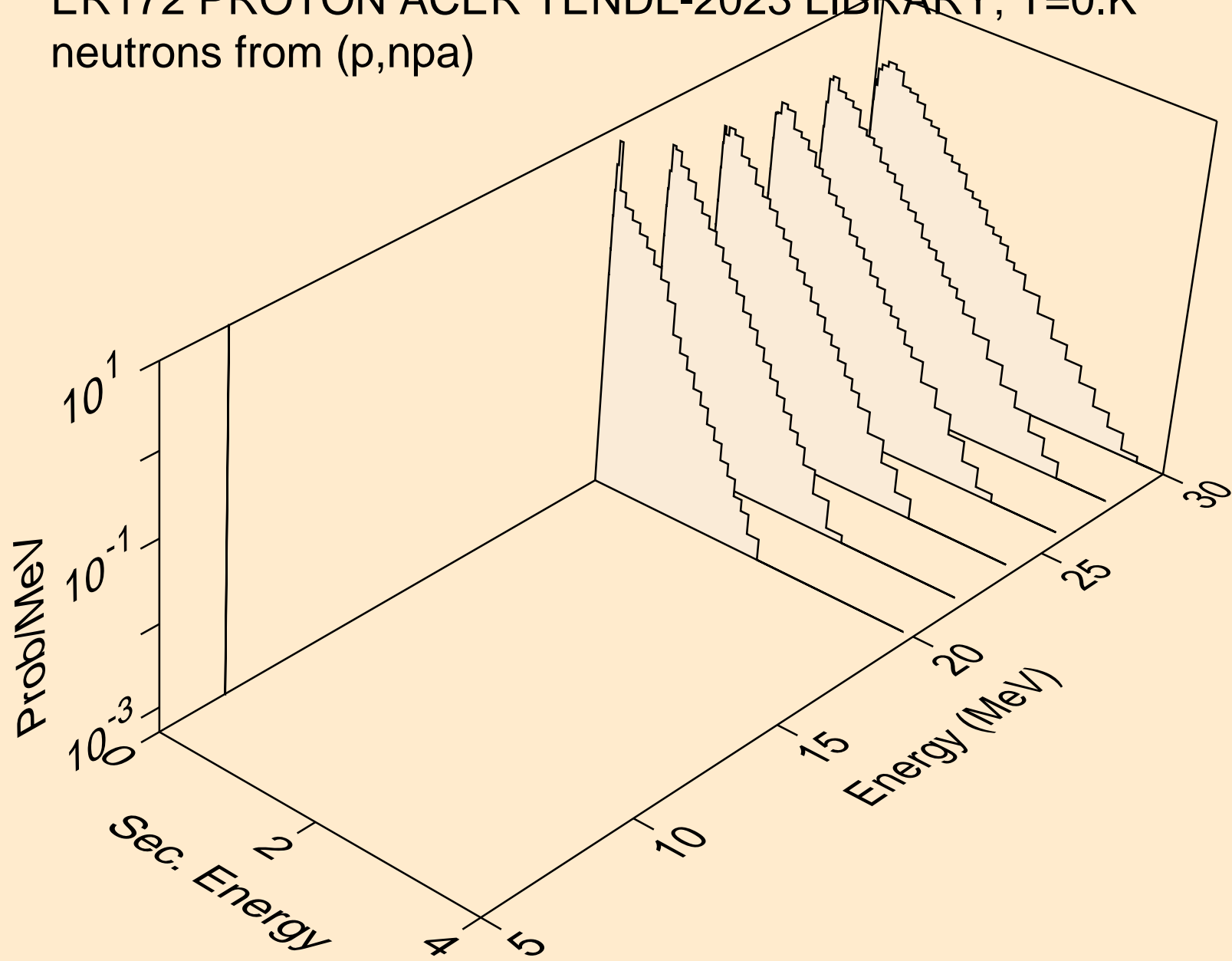


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neutrons from (p,n2p)

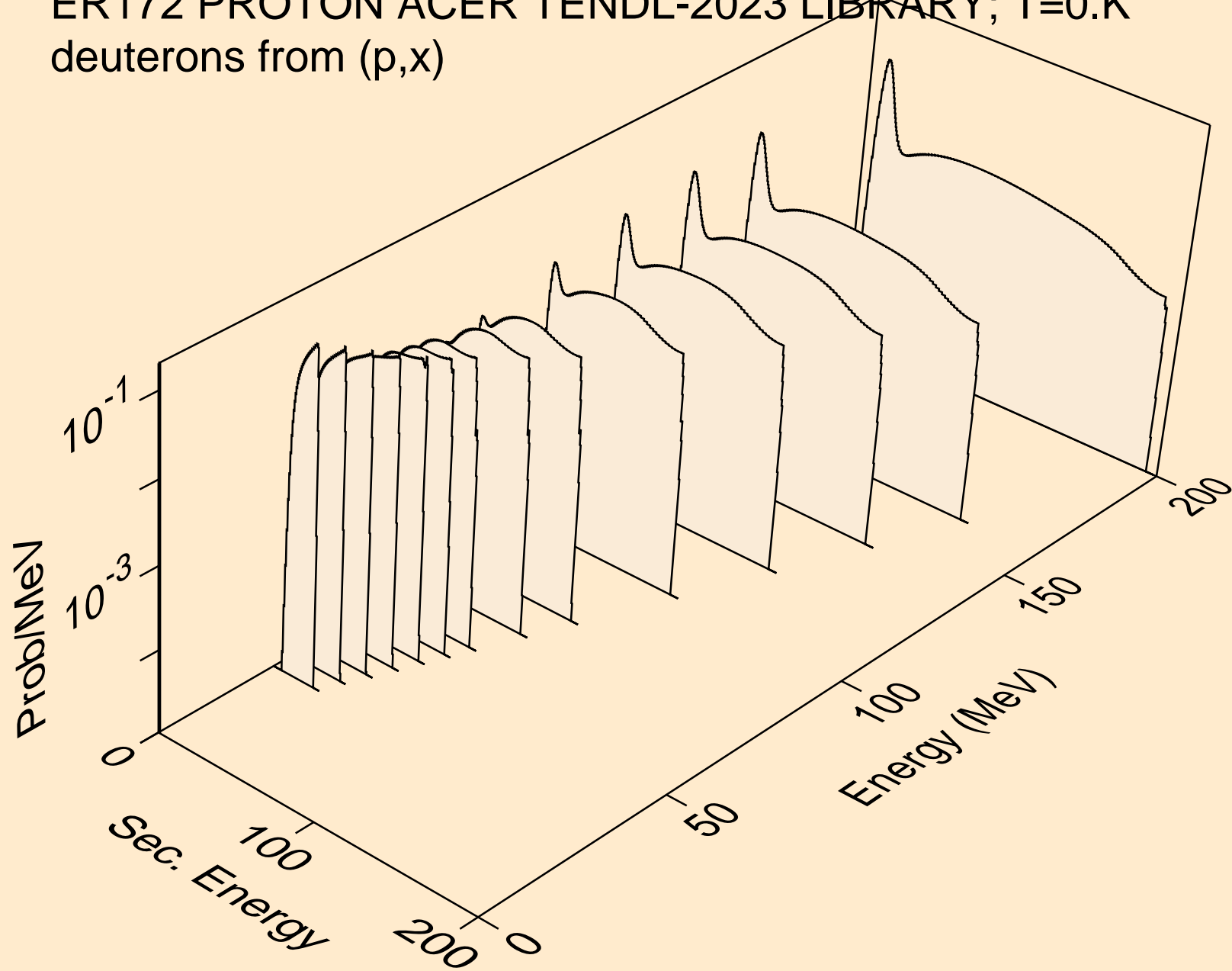




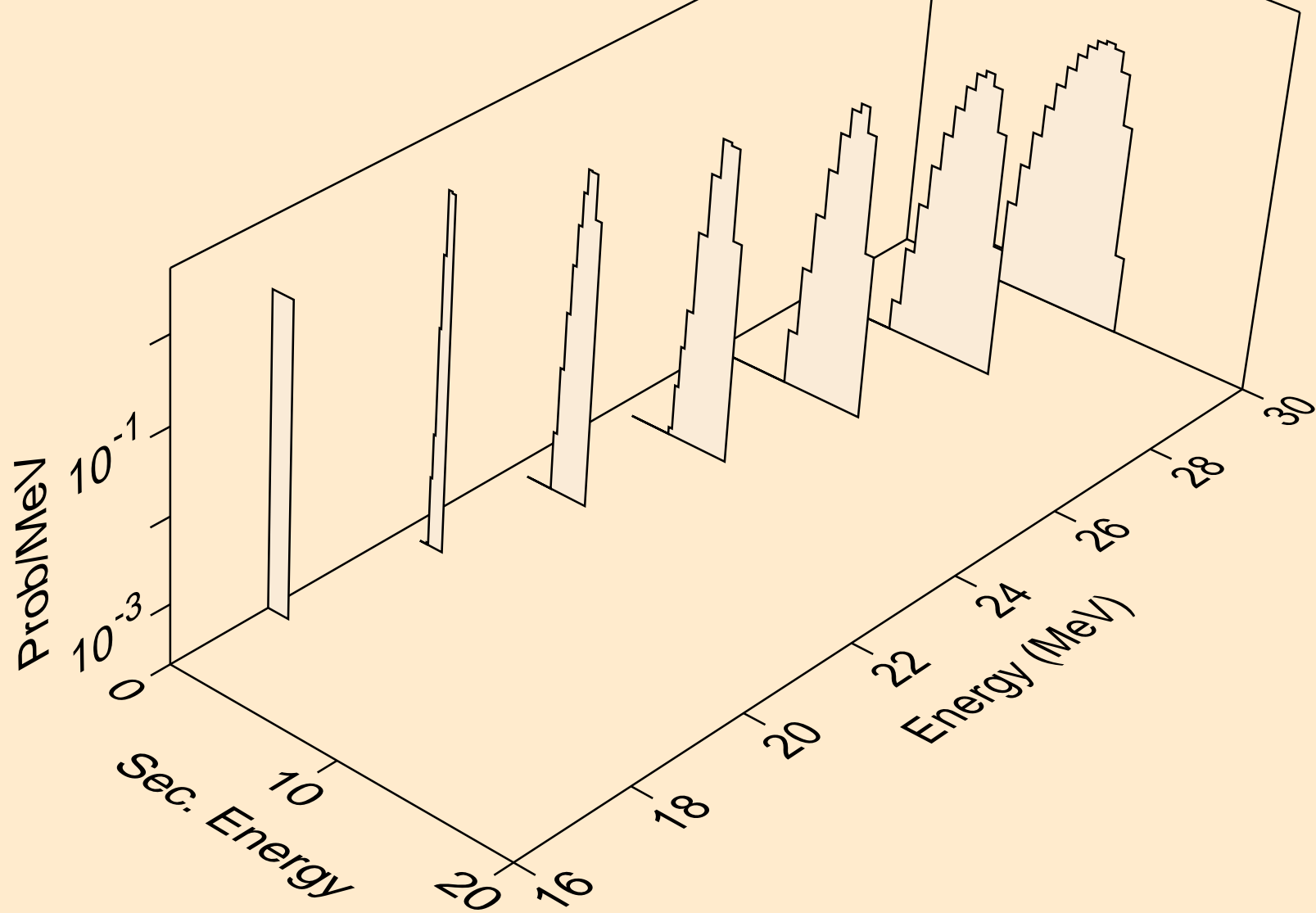
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neutrons from (p,npa)



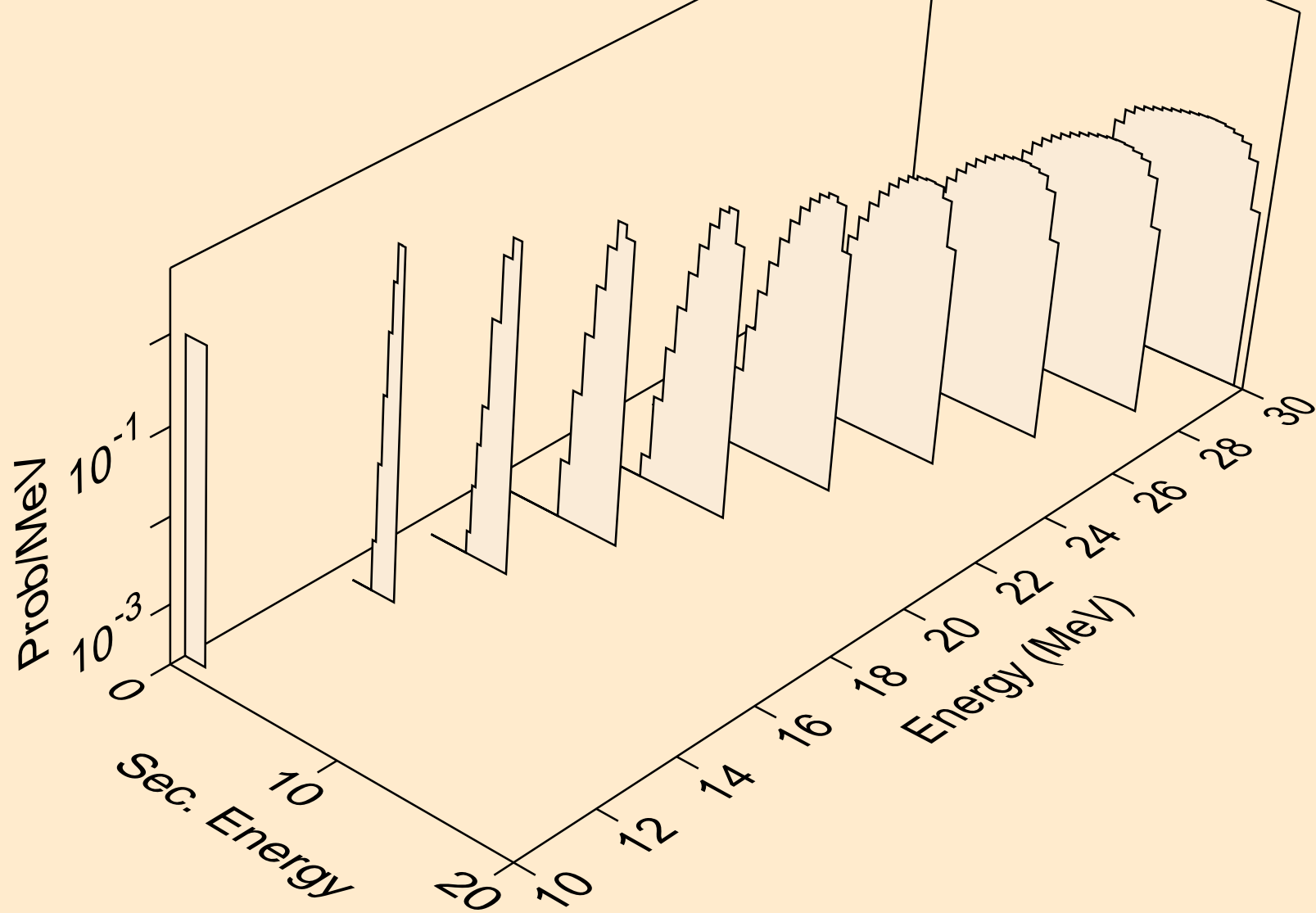
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deuterons from (p,x)



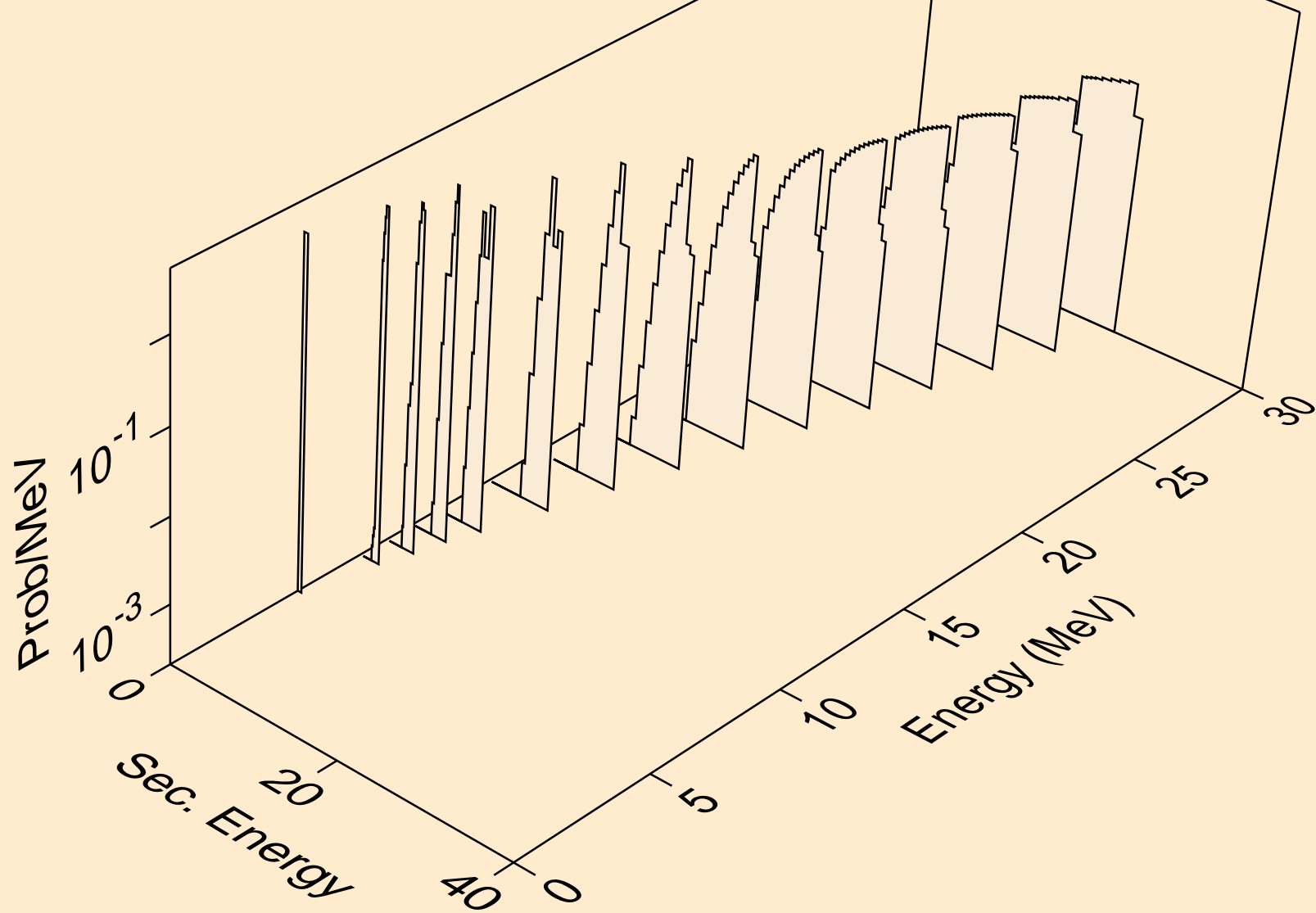
ER172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,2nd)



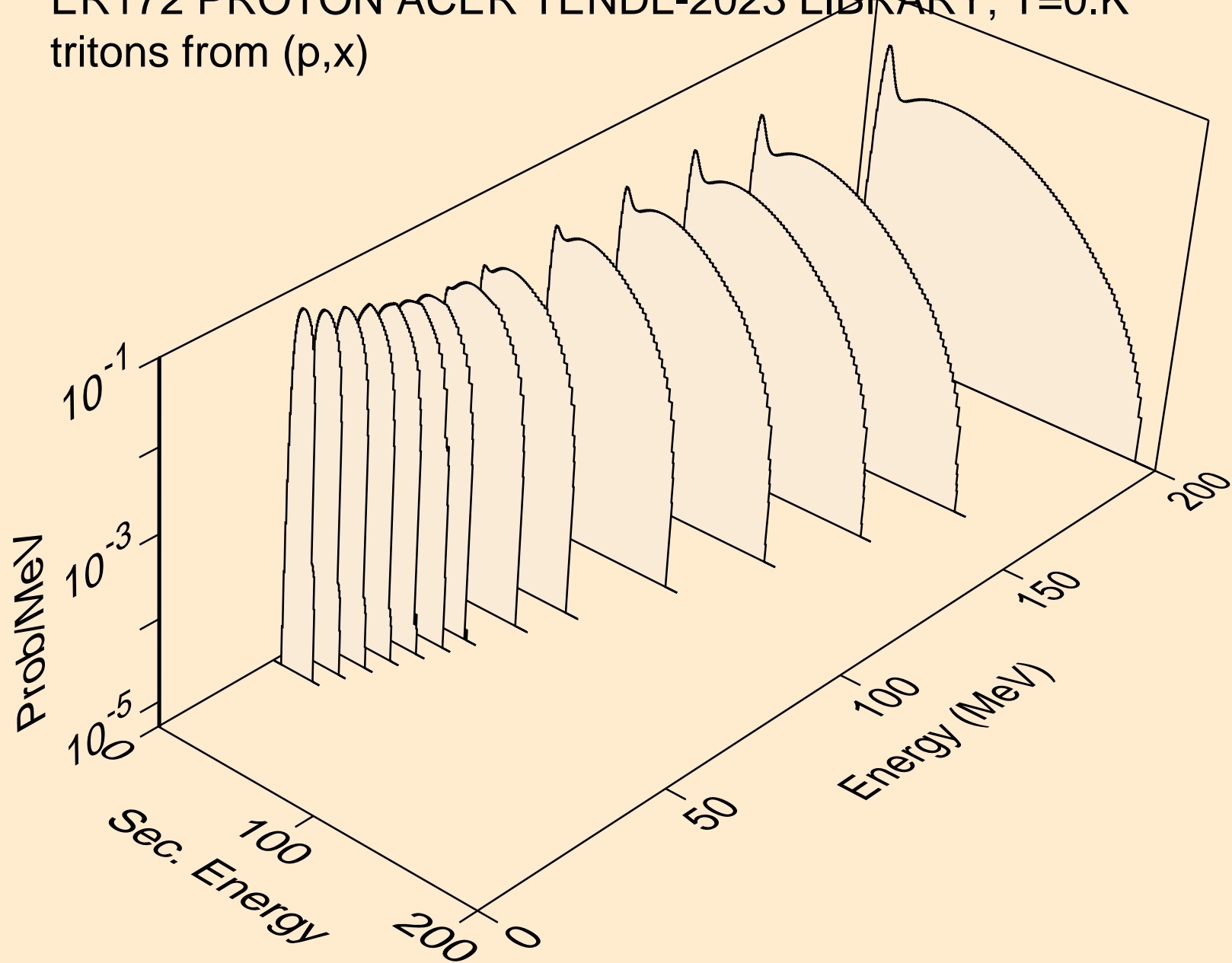
ER172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,n\*)d



ER172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,d)

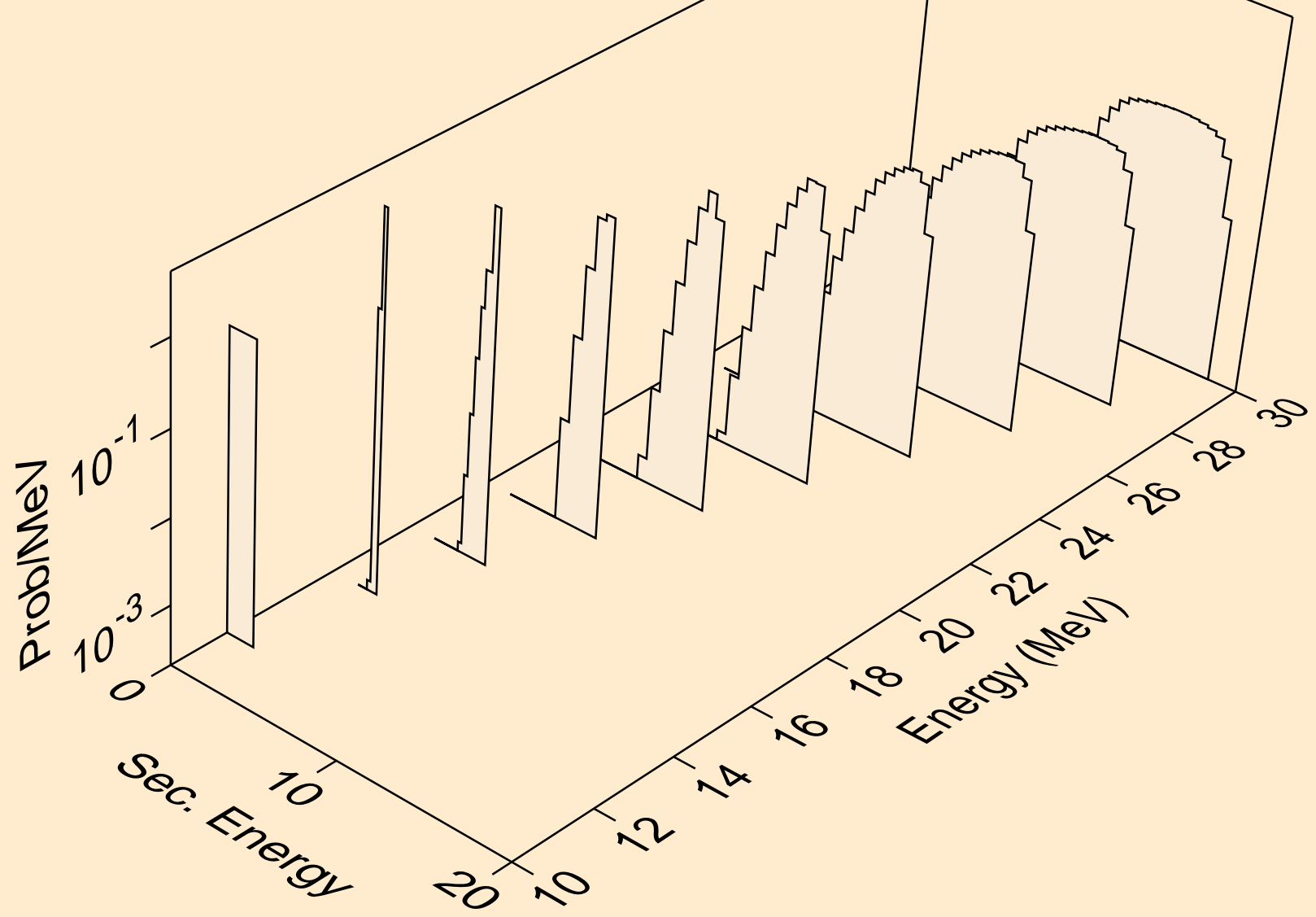


ER172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,x)

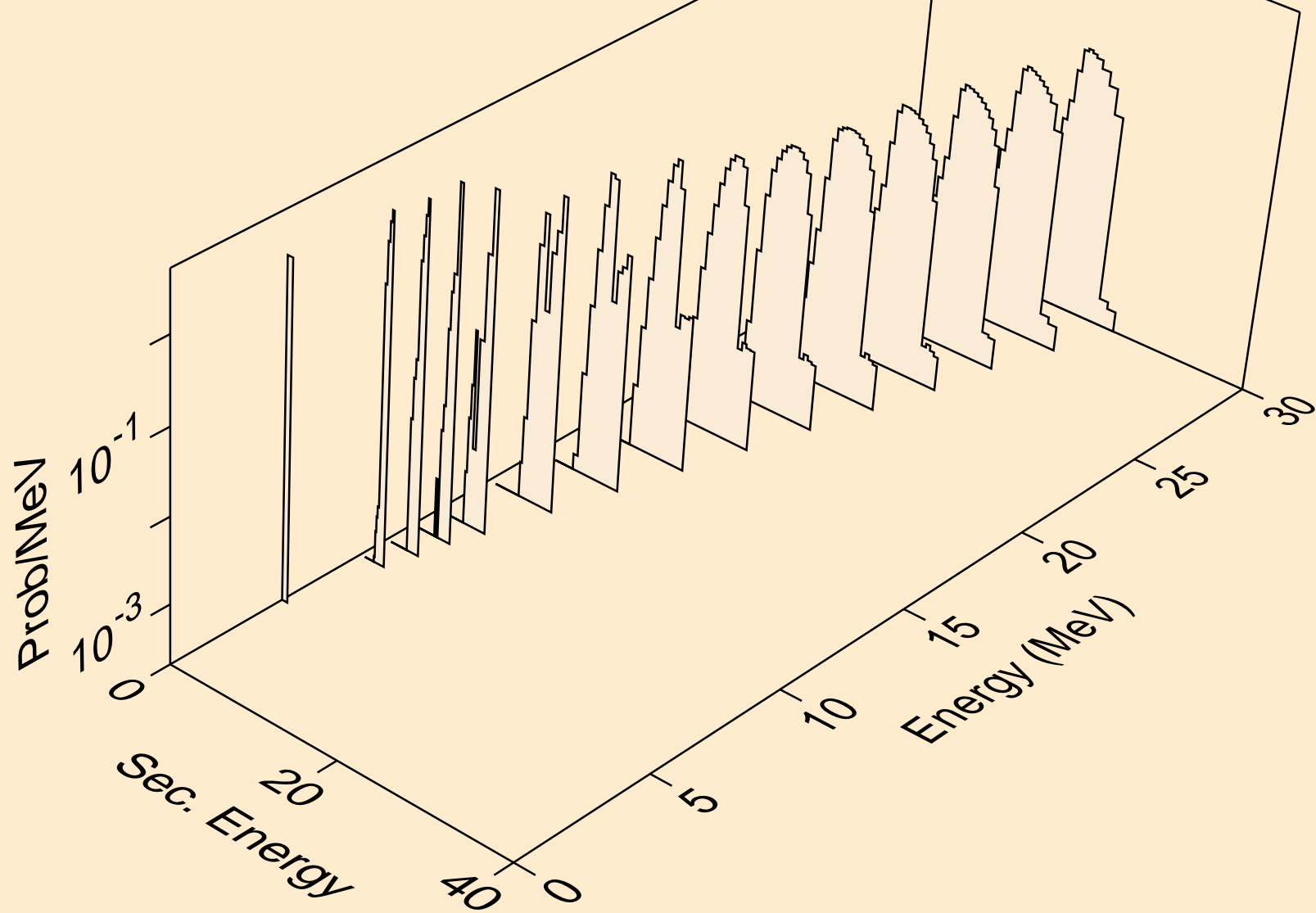


# ER172 PROTON ACER TENDL-2023 LIBRARY; T=0.K

tritons from (p,n\*)t

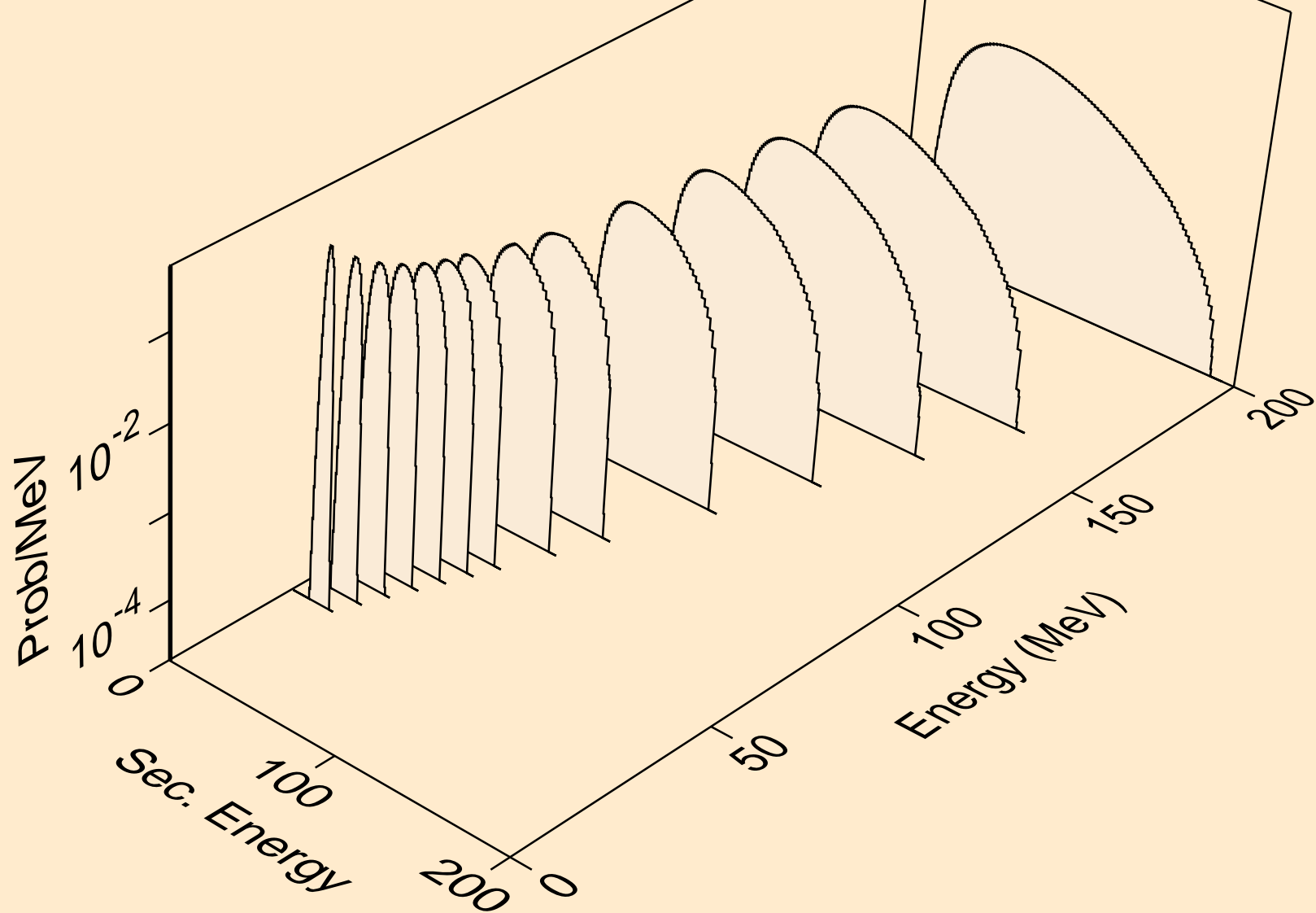


ER172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,t)

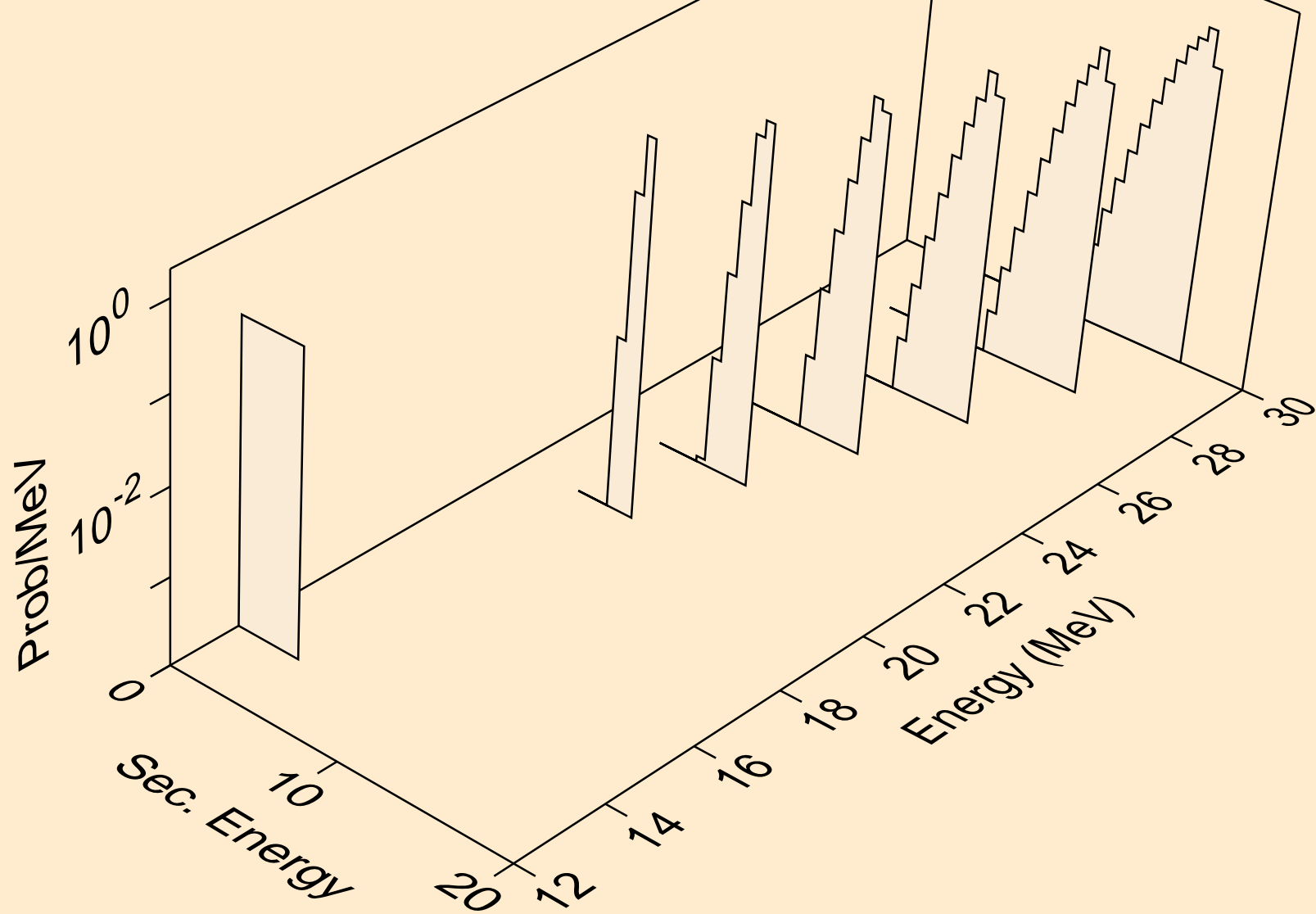




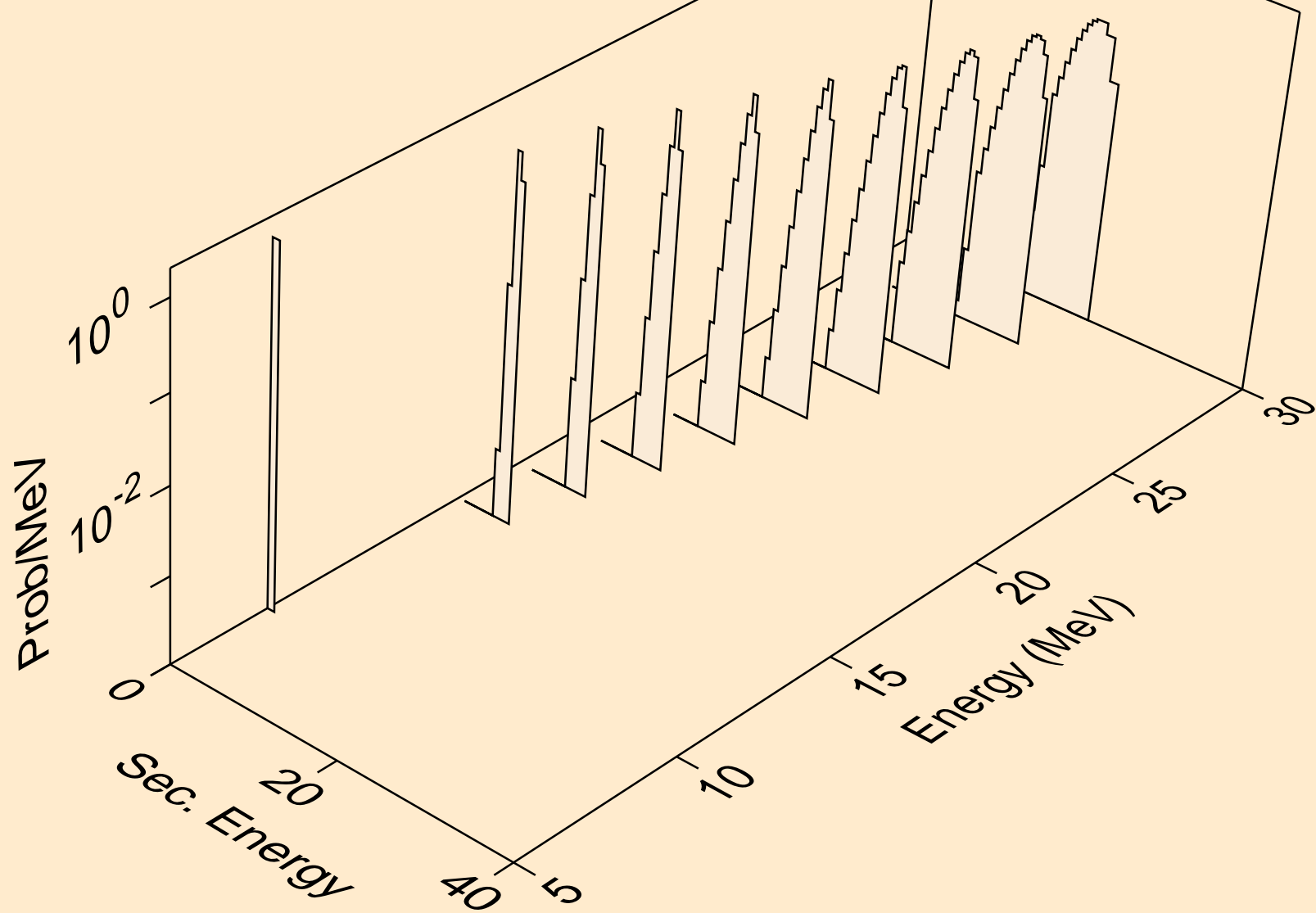
ER172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)



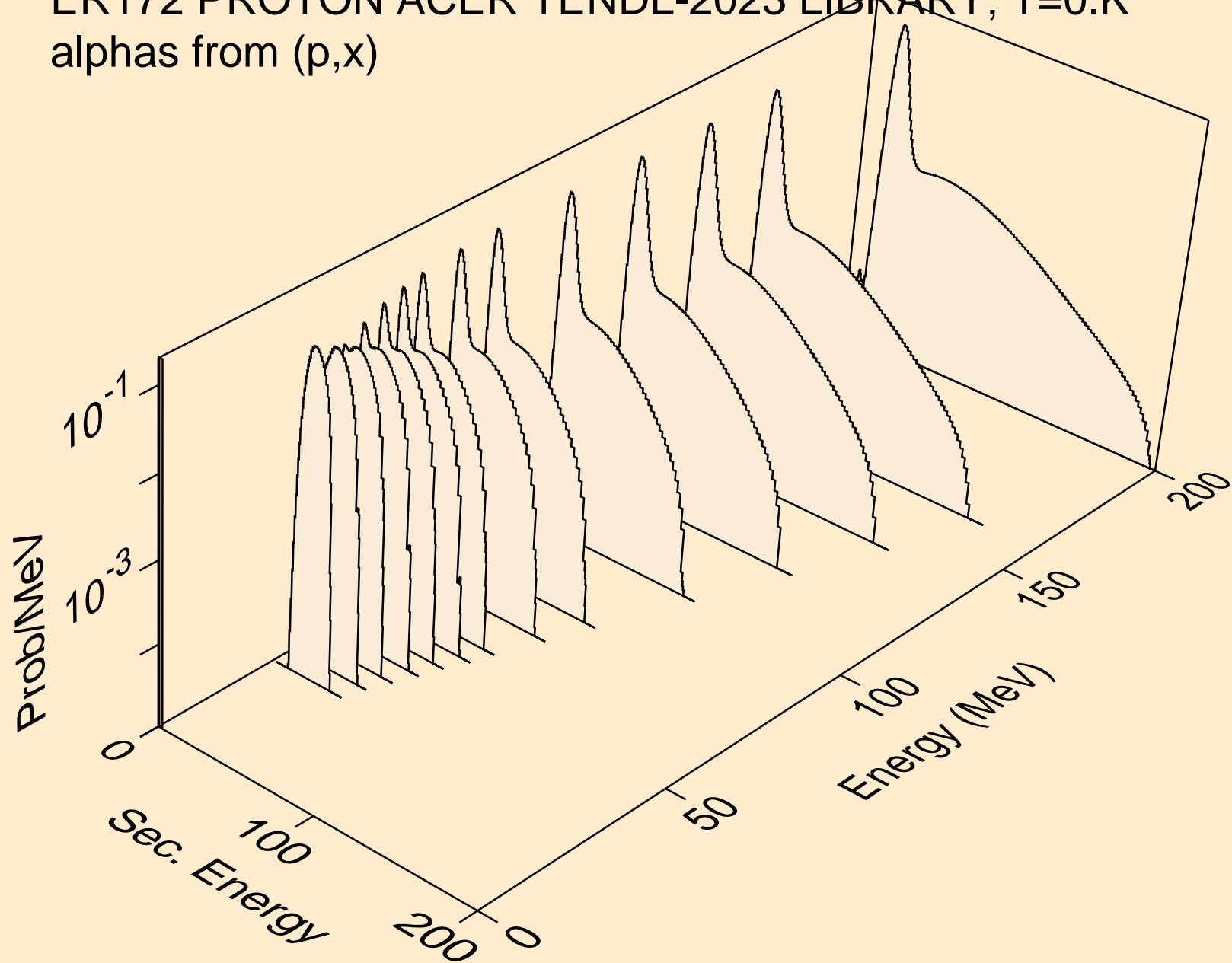
ER172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,n\*)he3



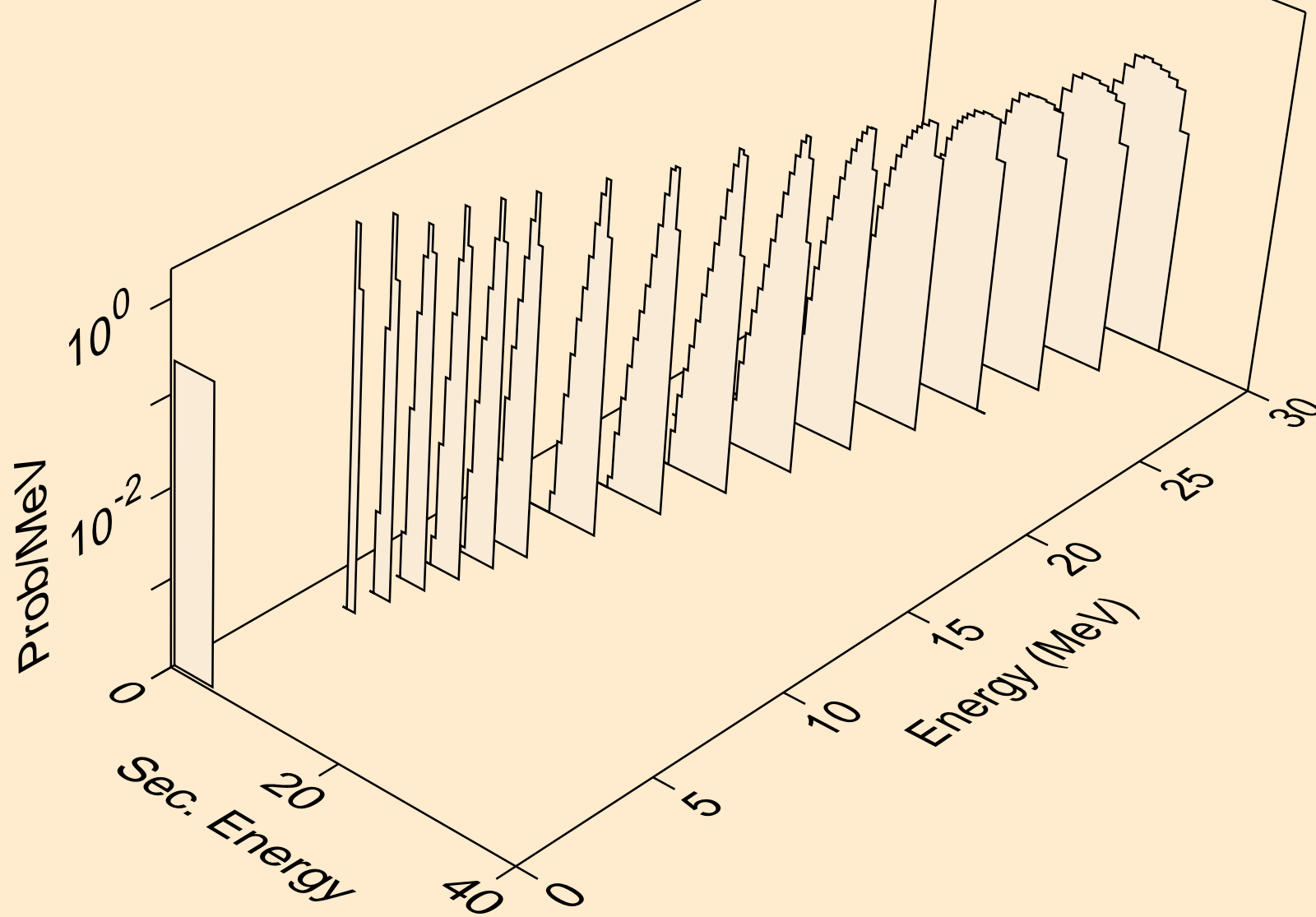
ER172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,he3)



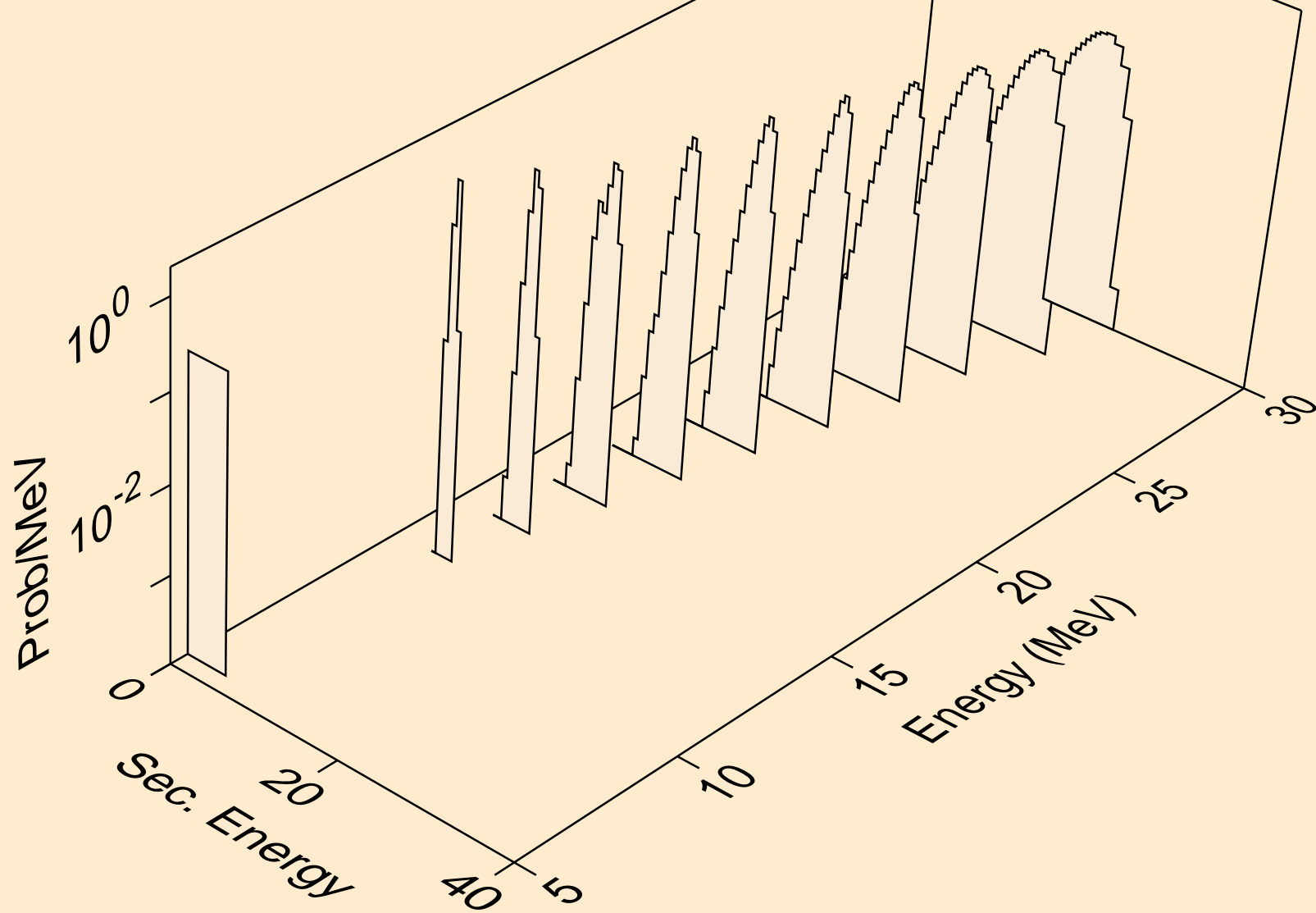
ER172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)



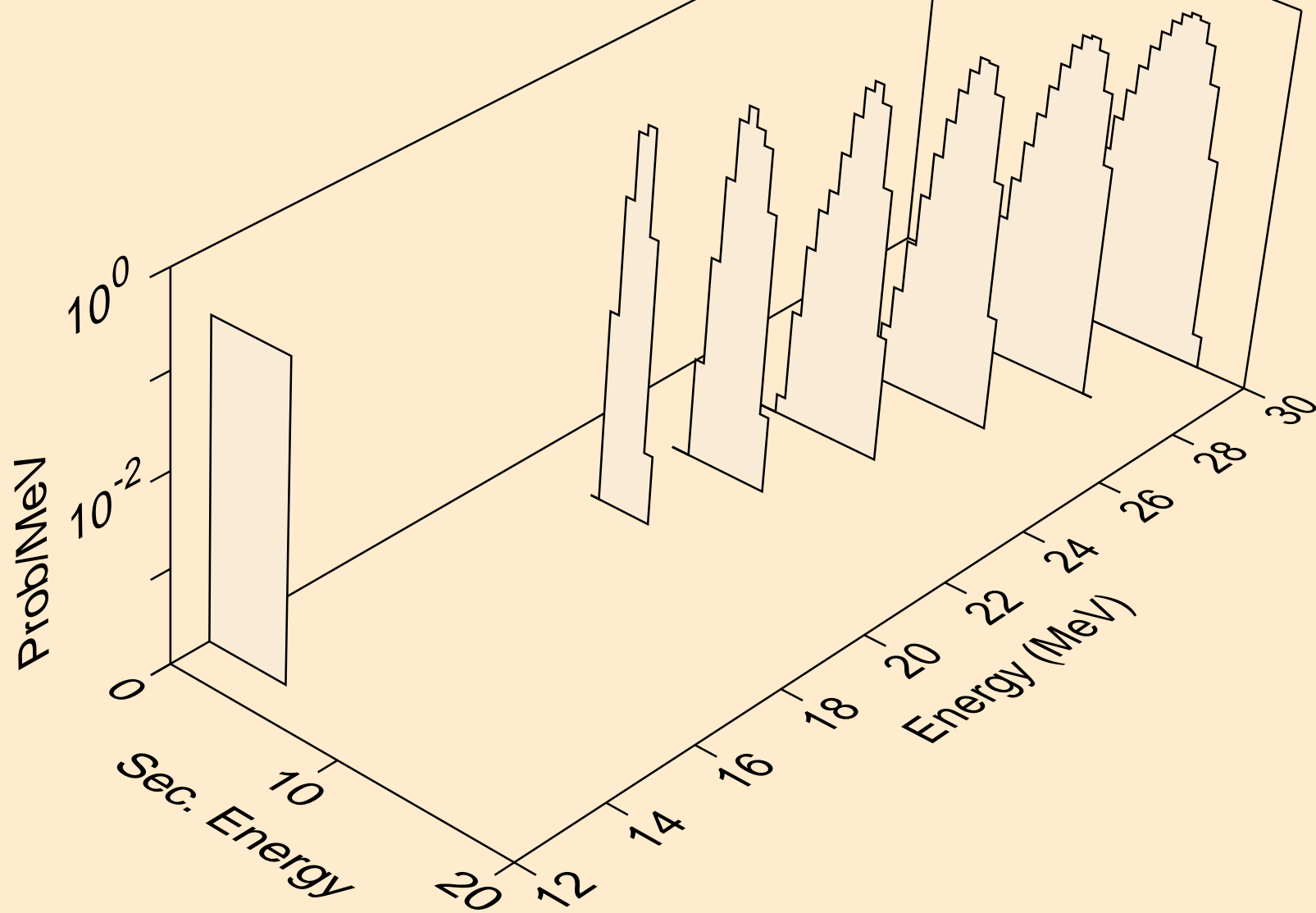
ER172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a



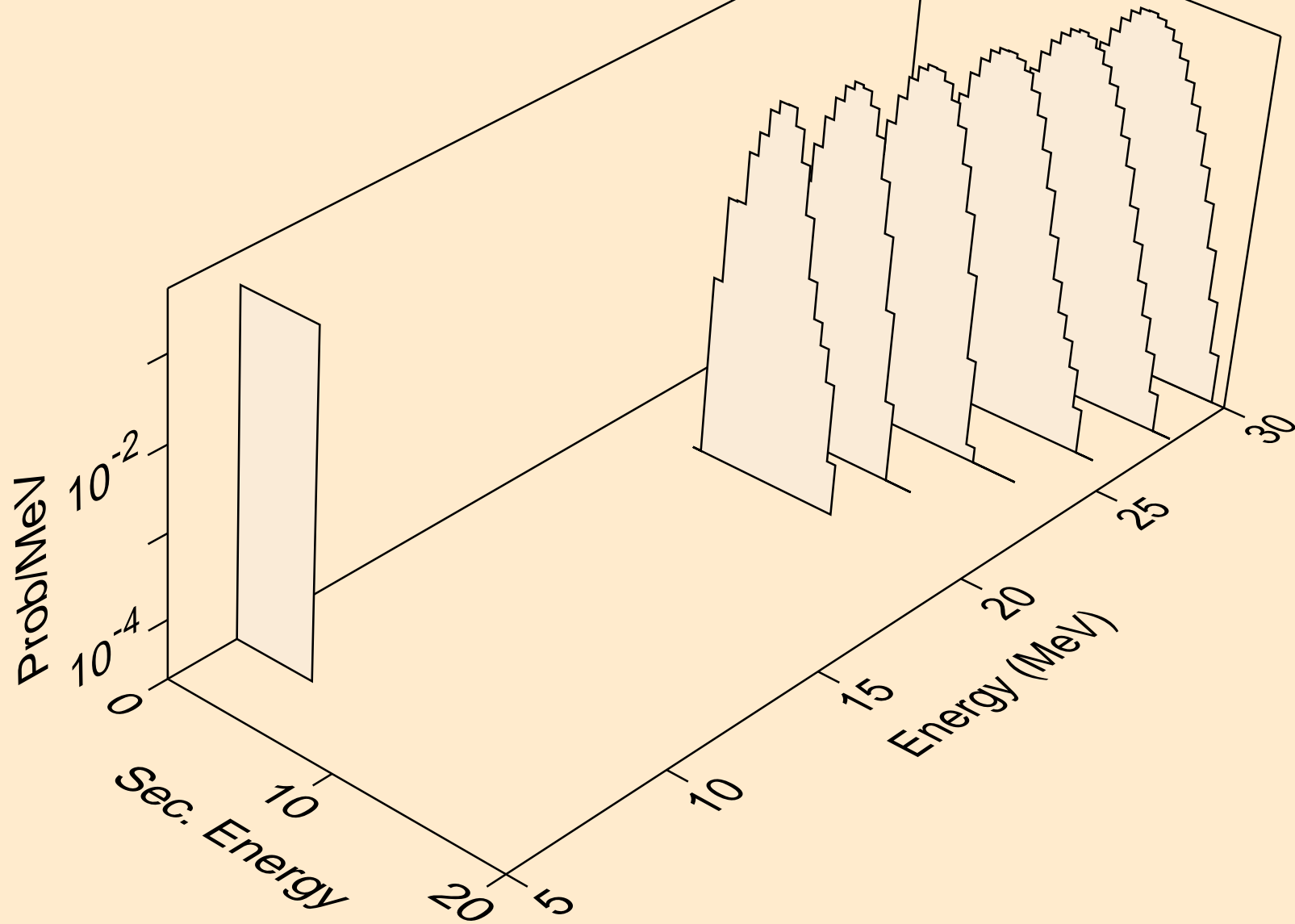
ER172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)a



ER172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,3n)a

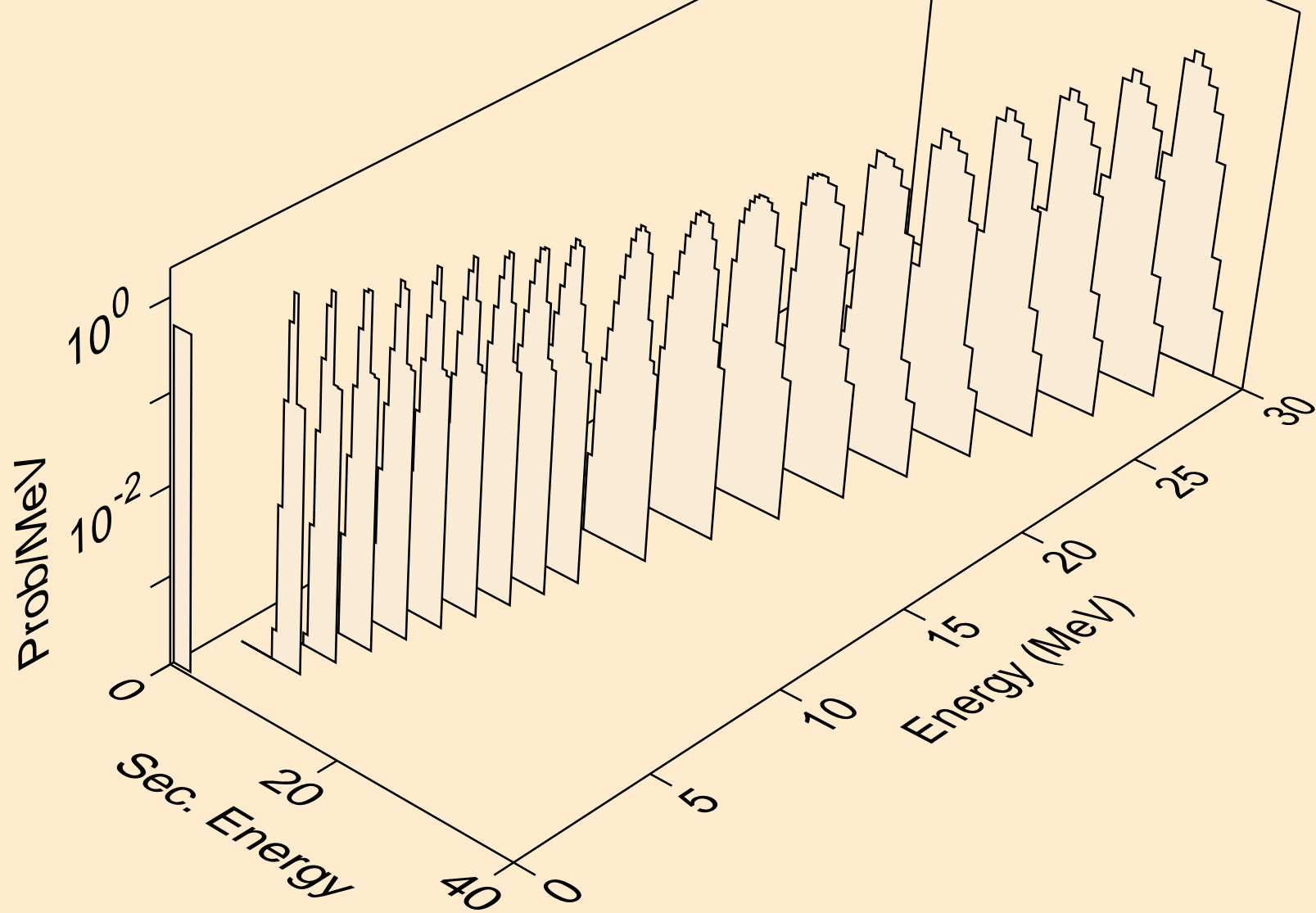


ER172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,npa)





ER172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)



ER172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,pa)

