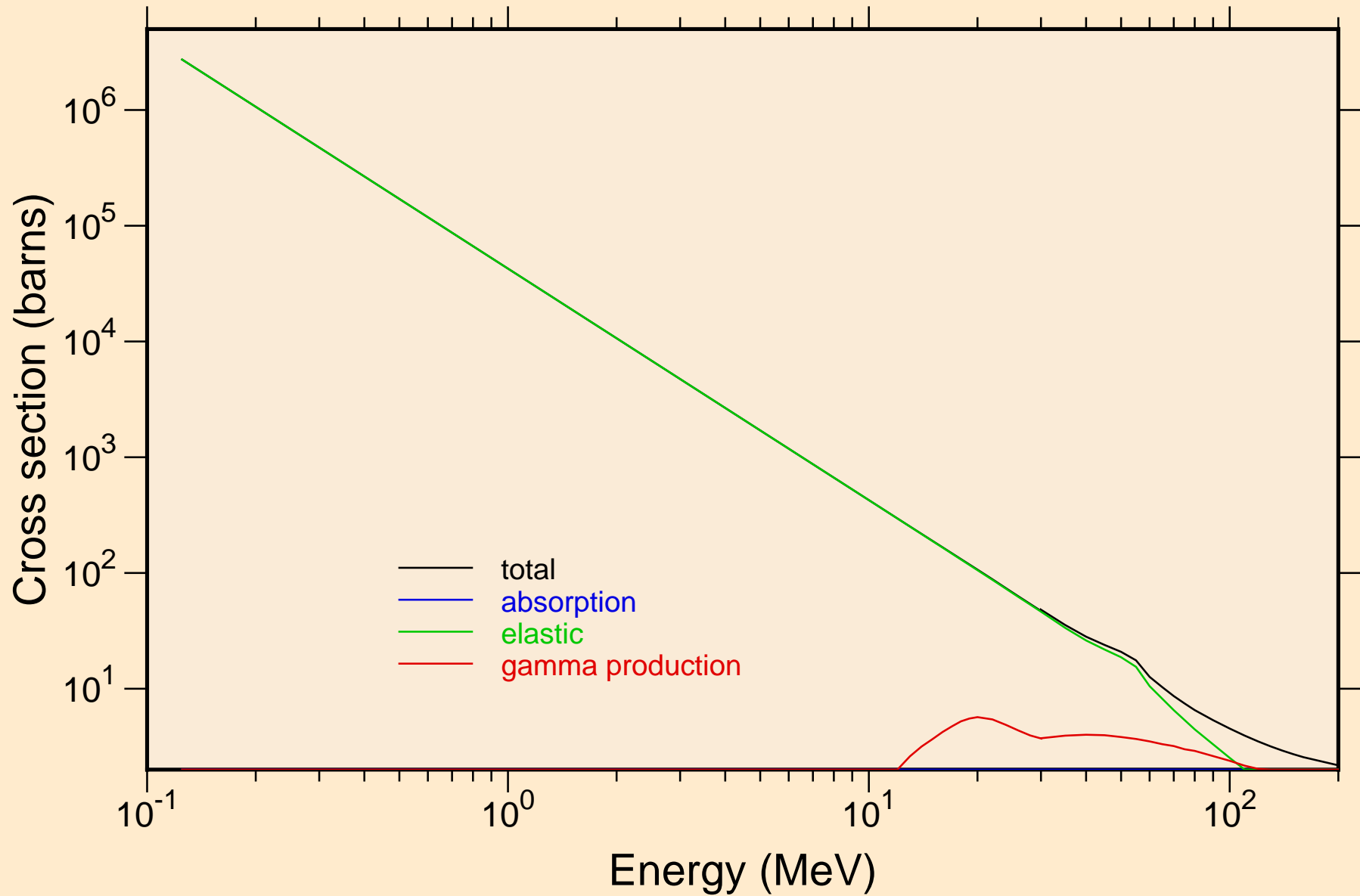
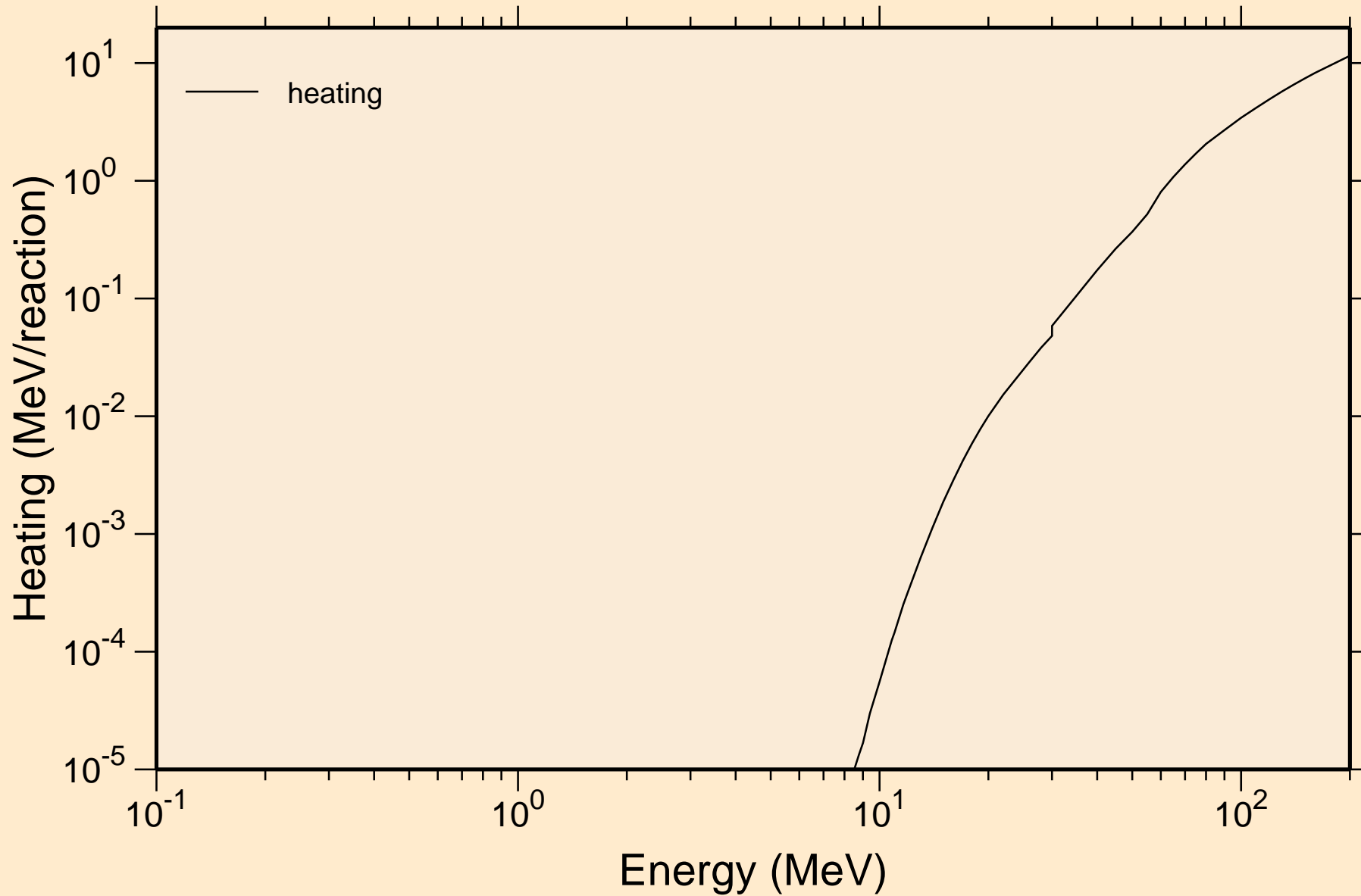


BI222 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Principal cross sections



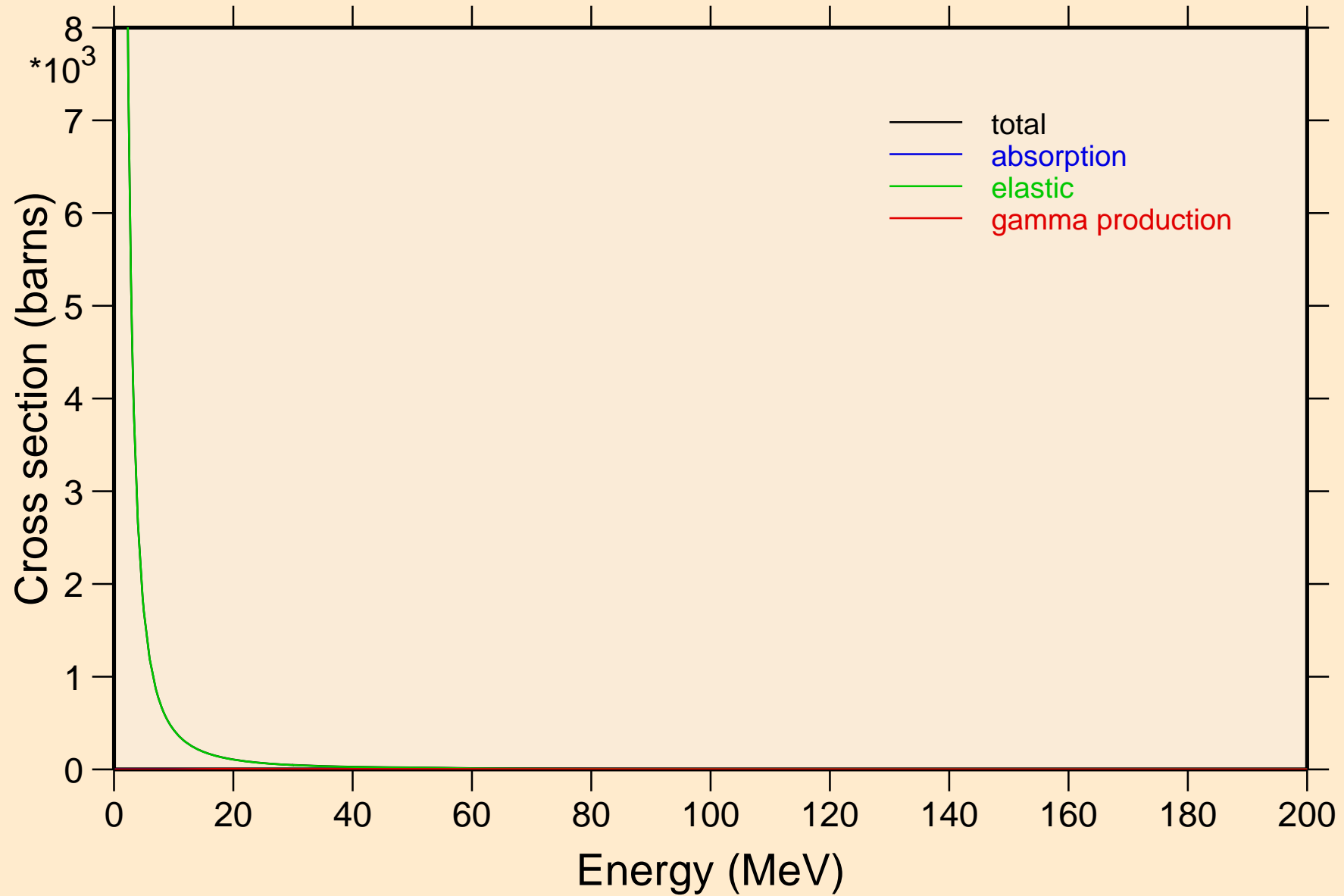
# BI222 PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



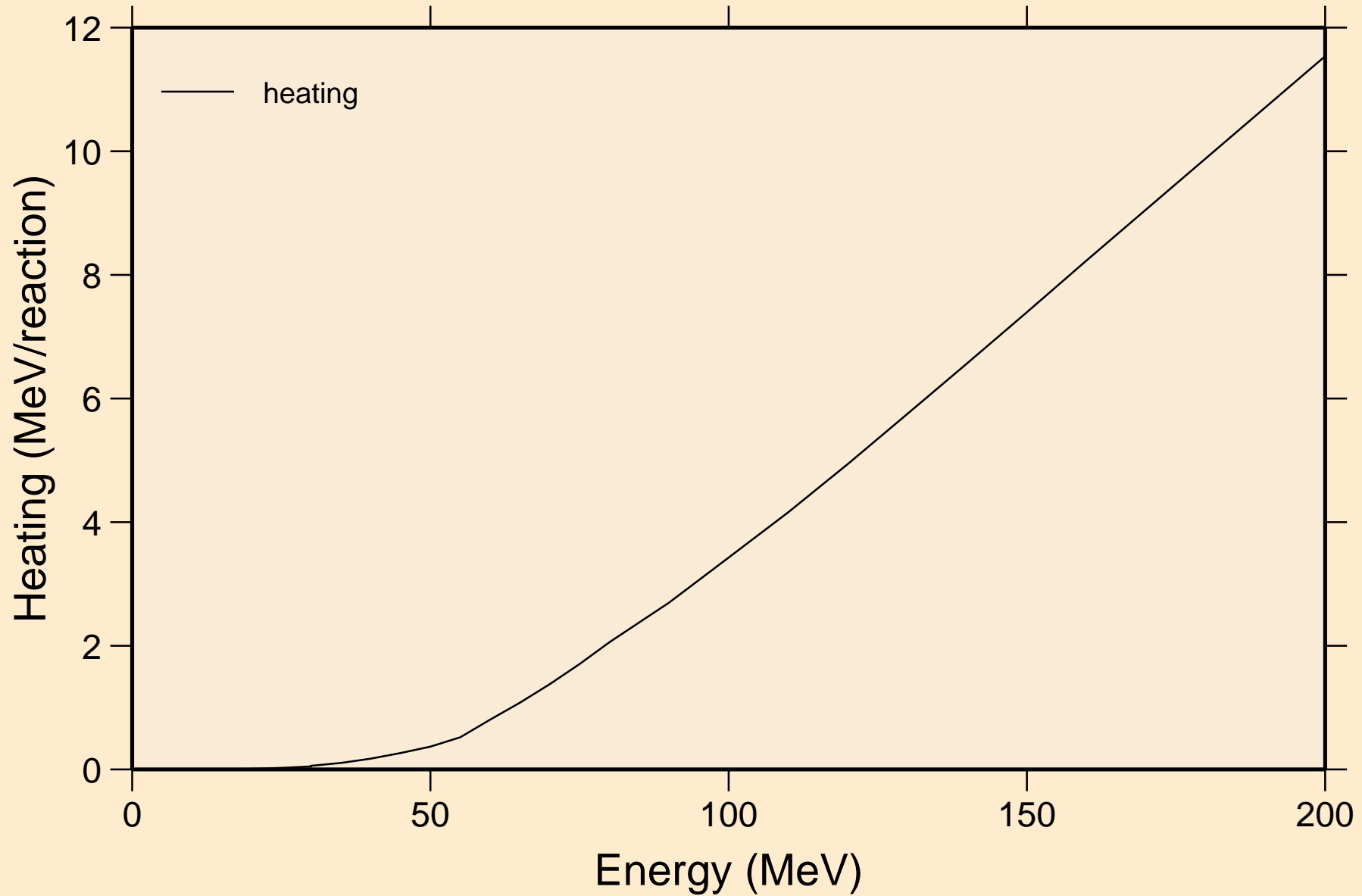
# BI222 PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



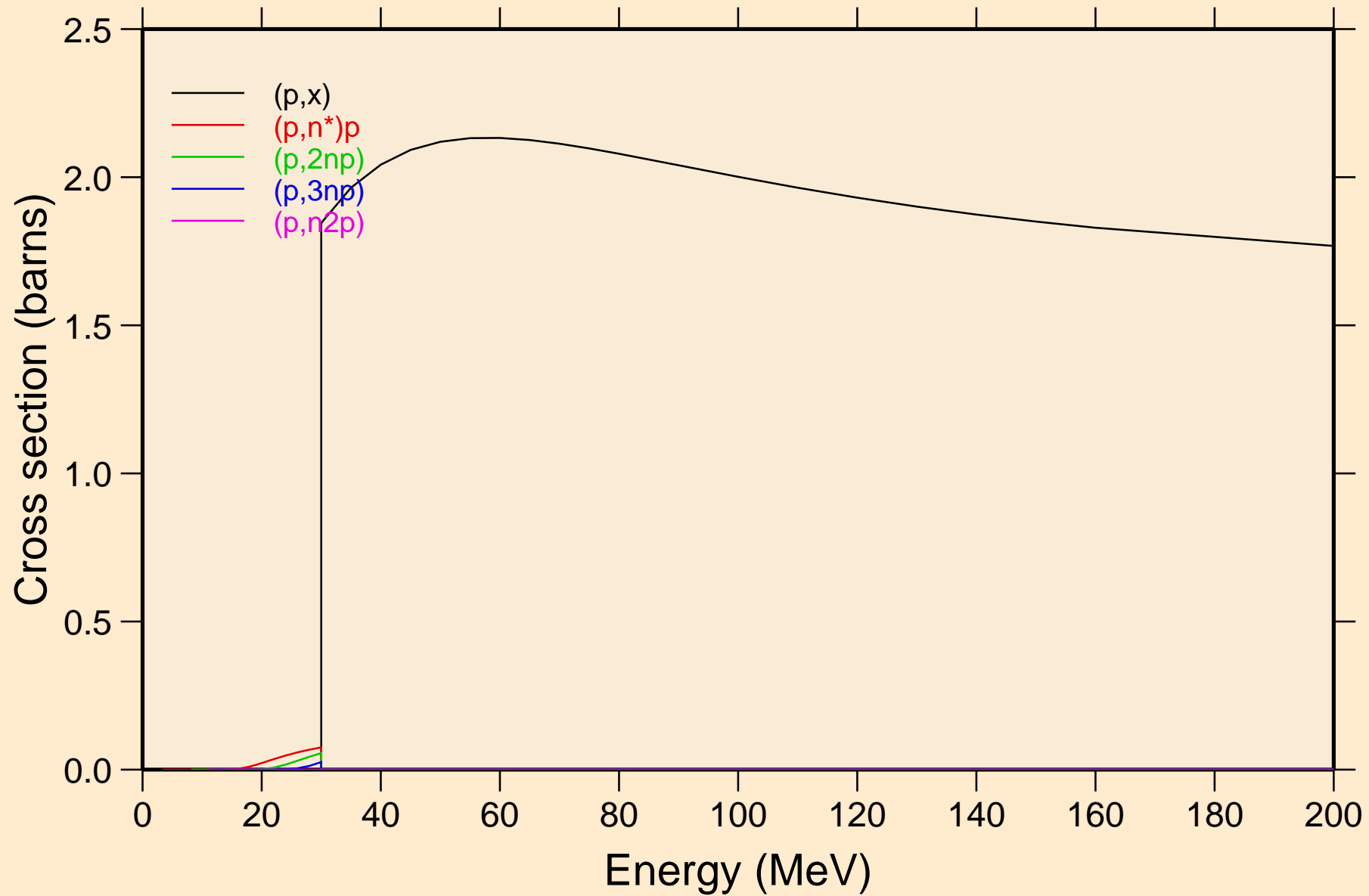
# BI222 PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Heating

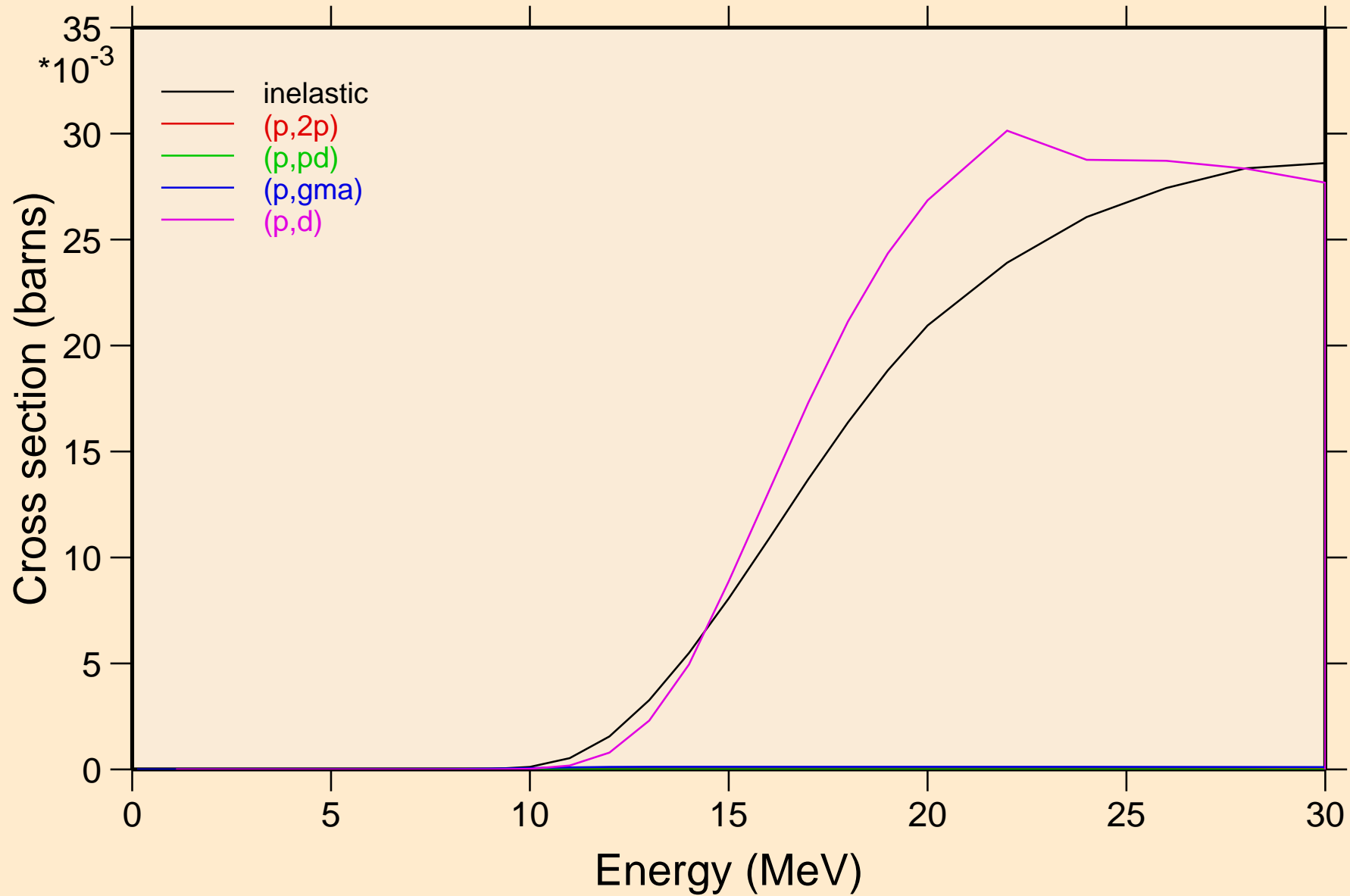


# BI222 PROTON ACER TENDL-2024 LIBRARY; T=0.K

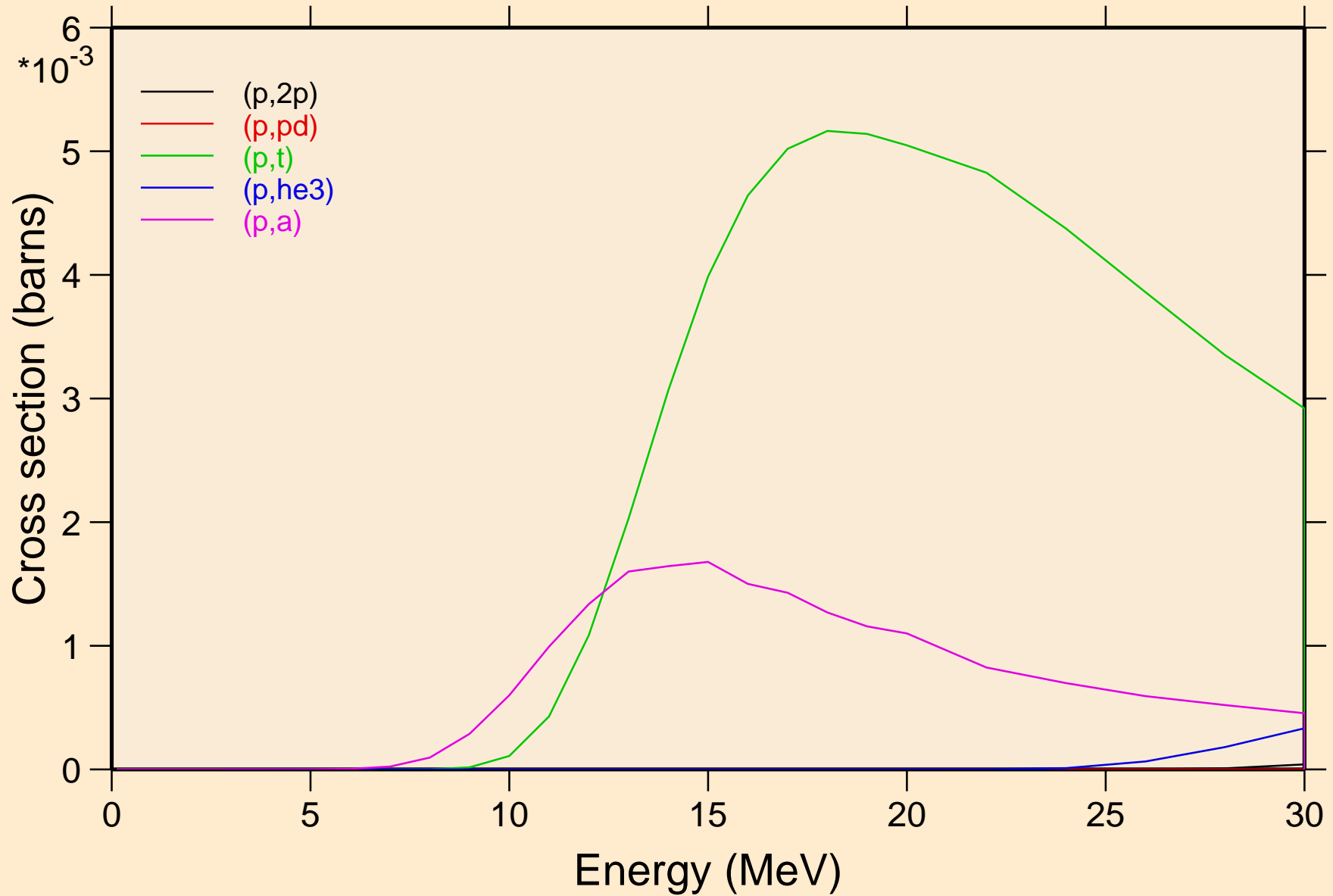
## Threshold reactions



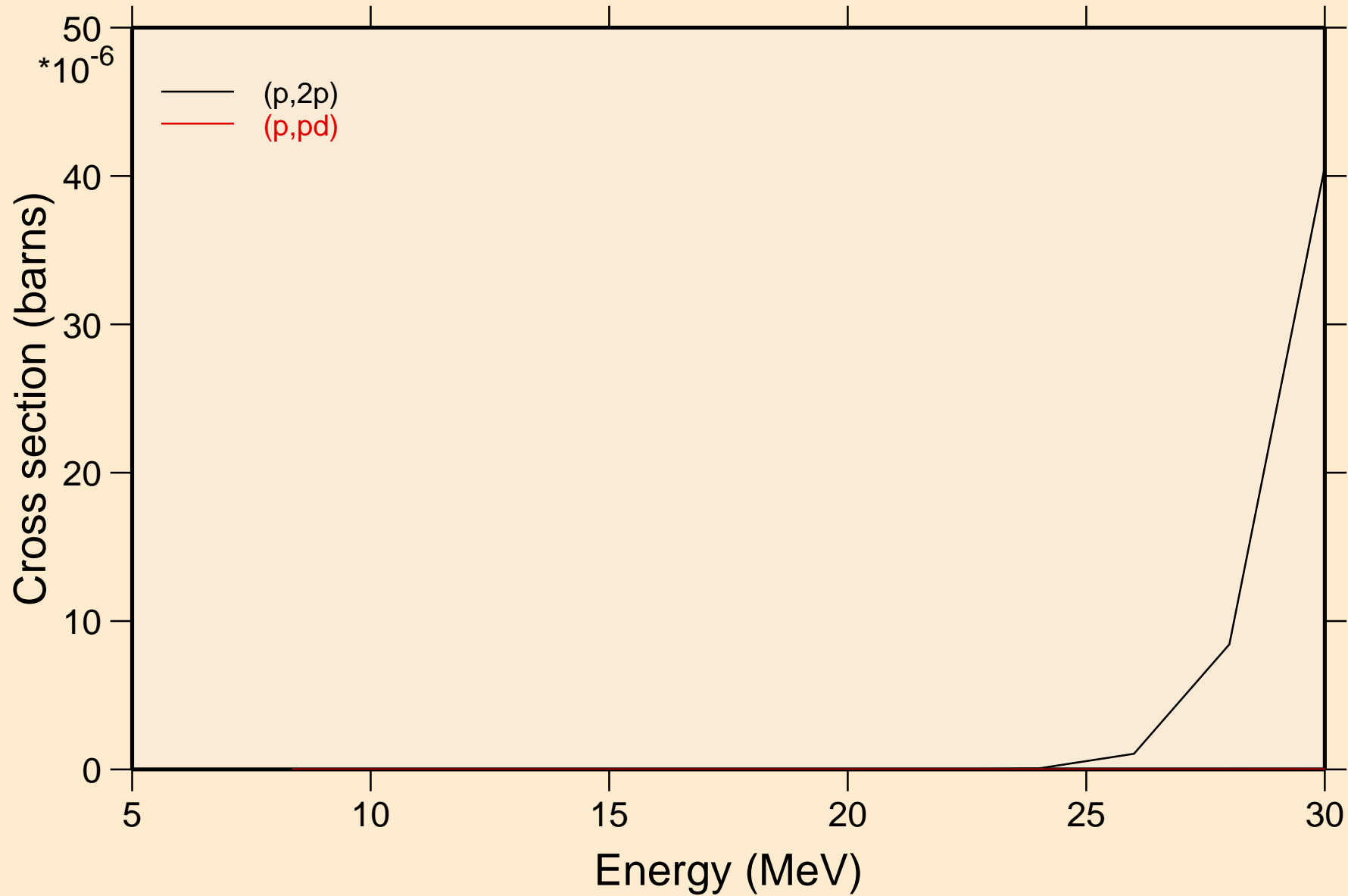
BI222 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



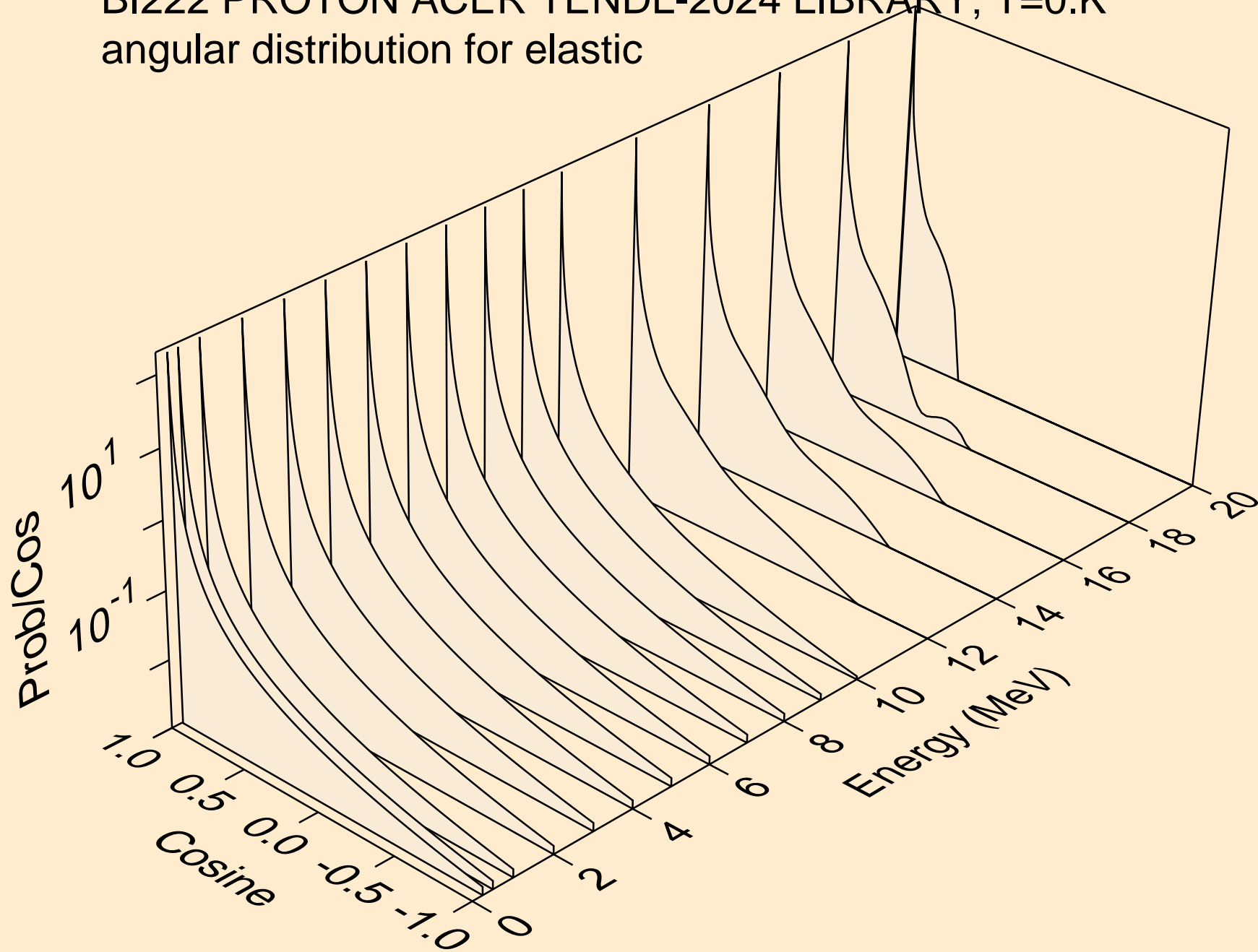
BI222 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



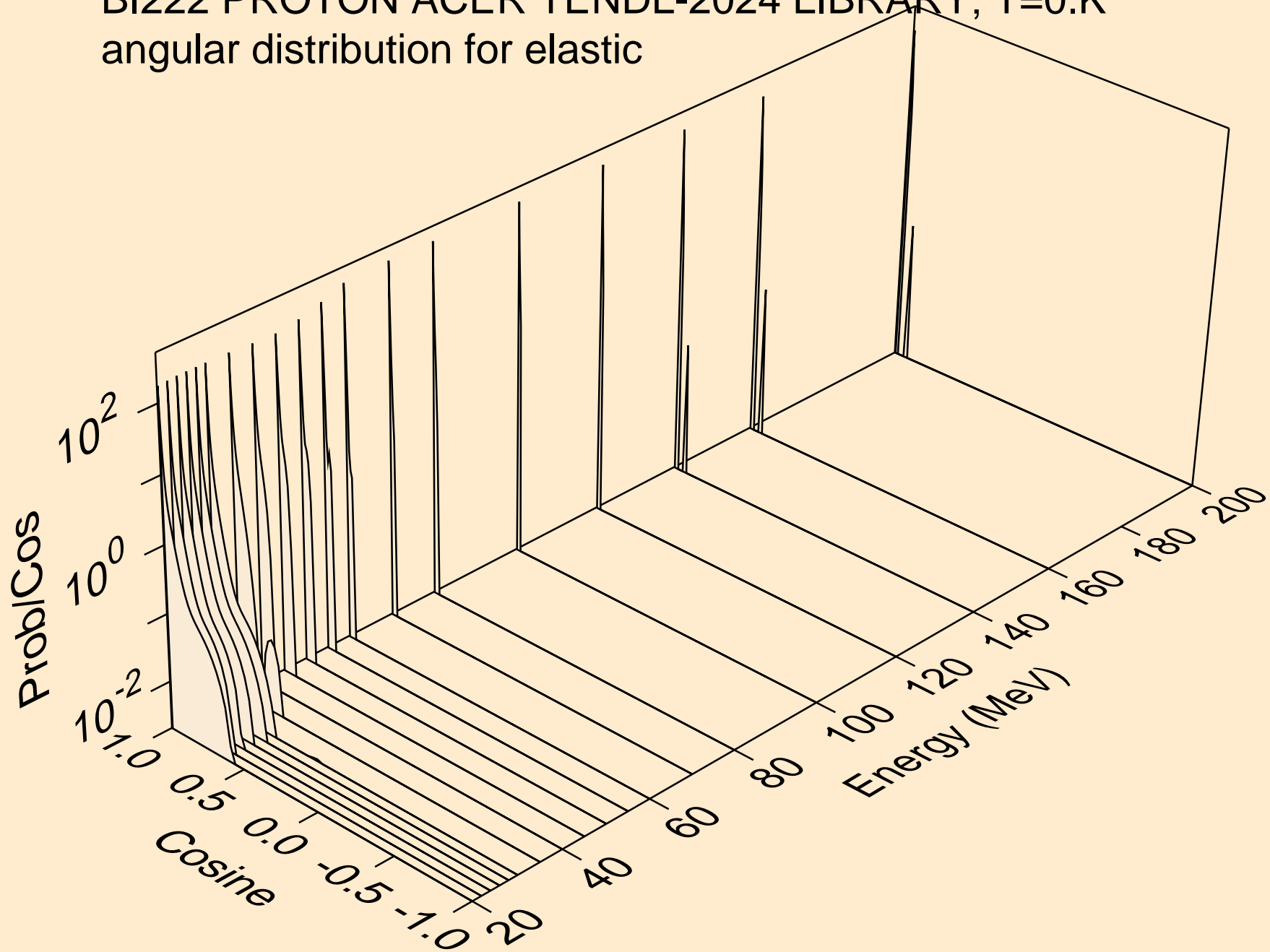
BI222 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



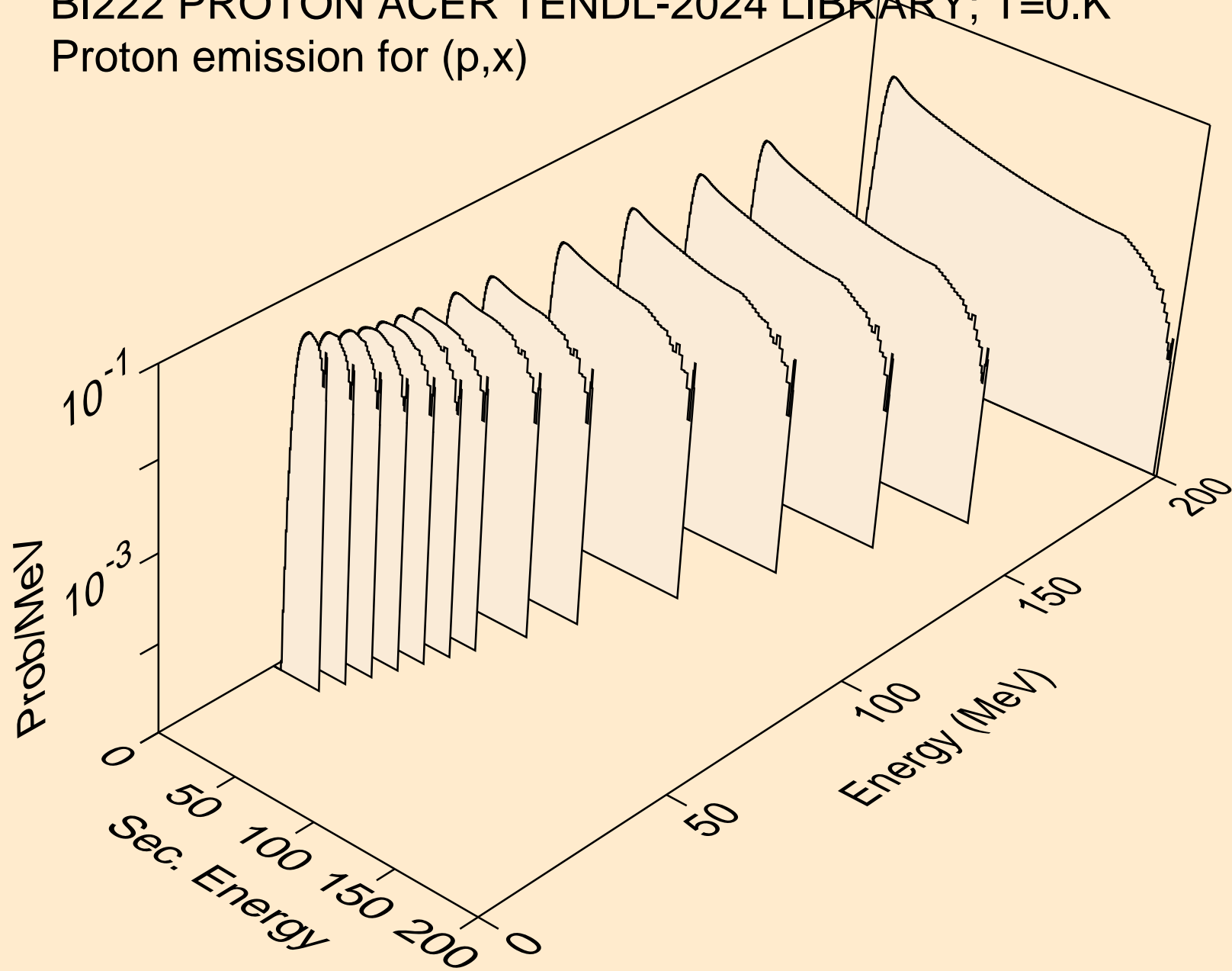
BI222 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



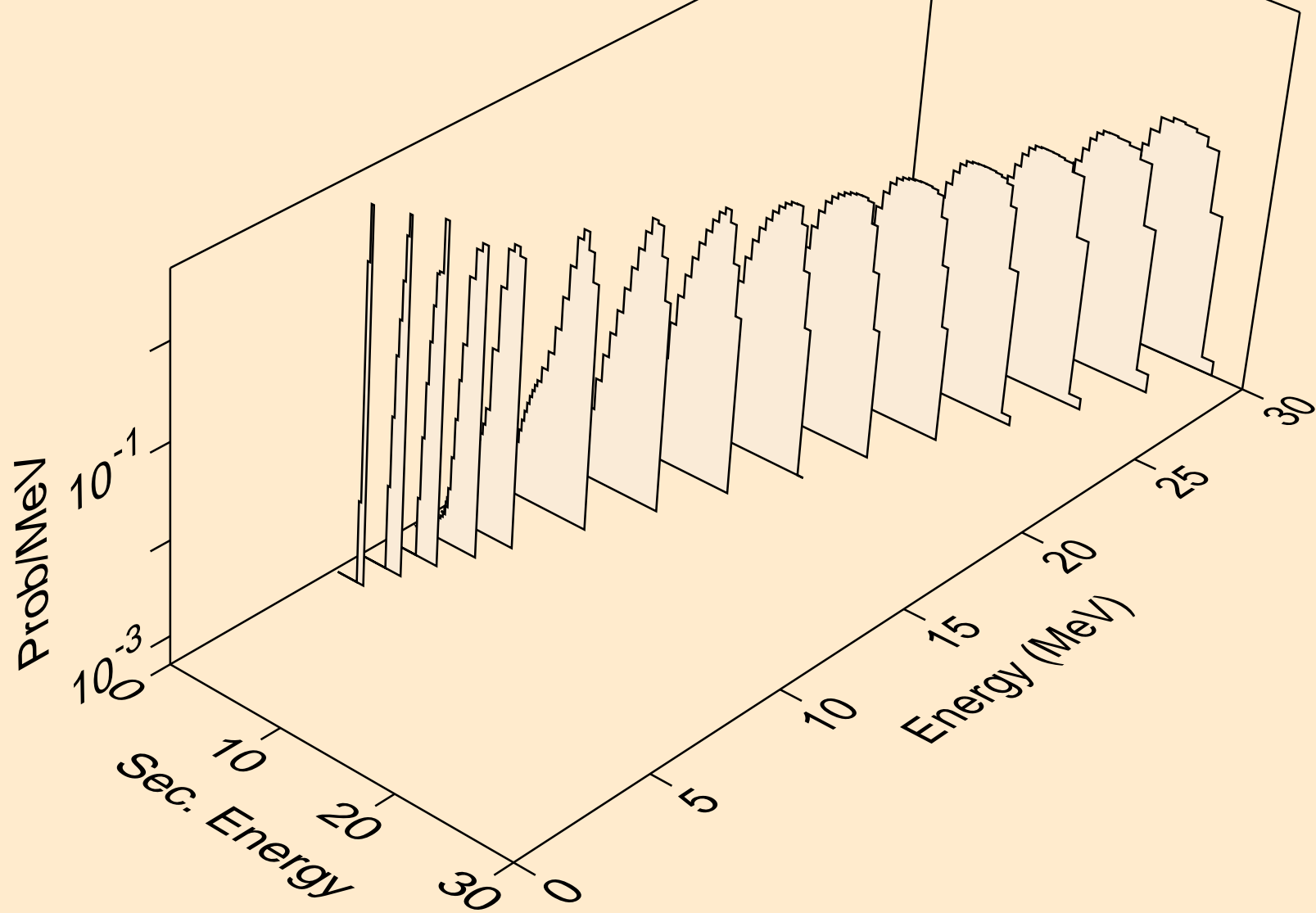
BI222 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



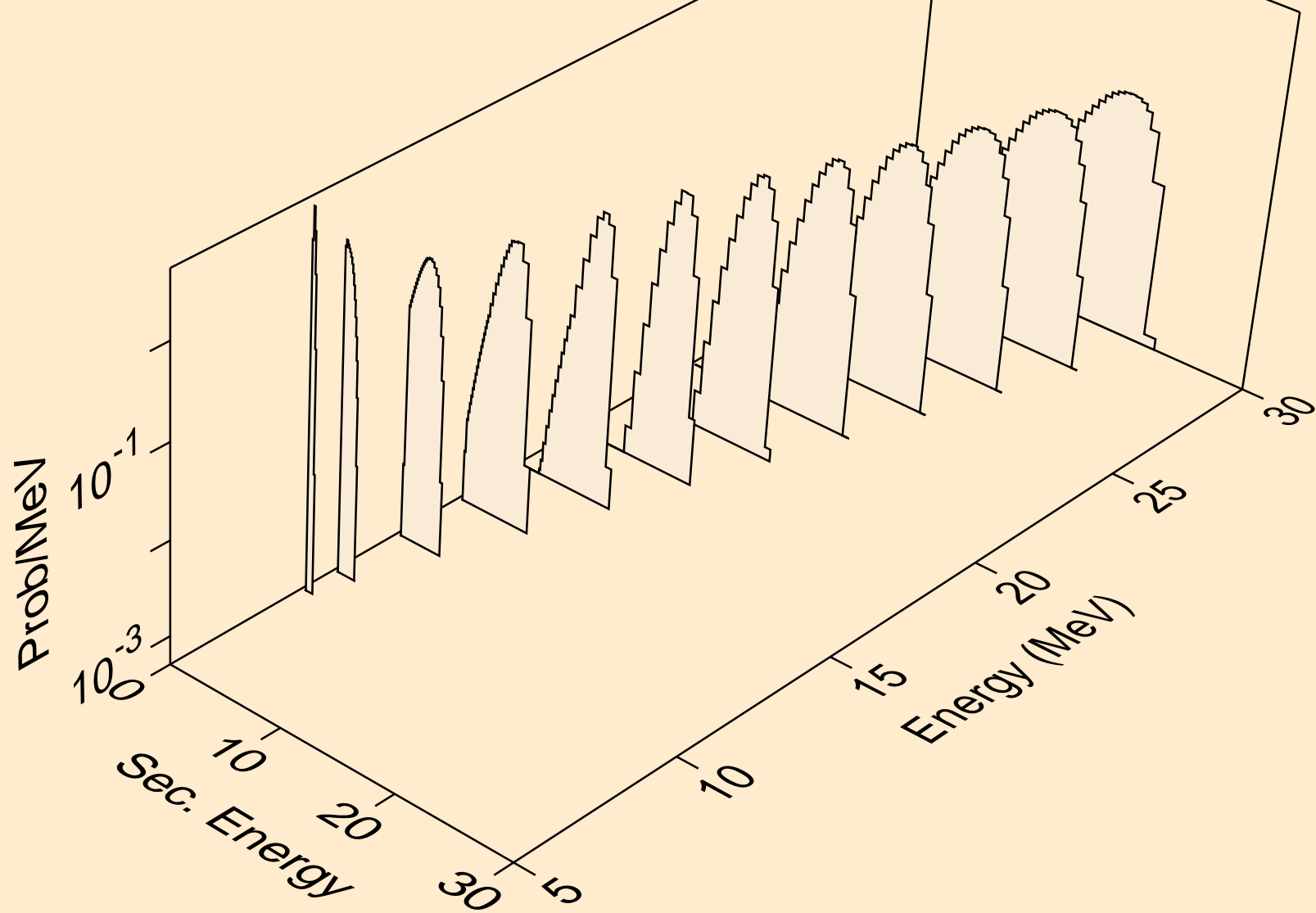
BI222 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,x)



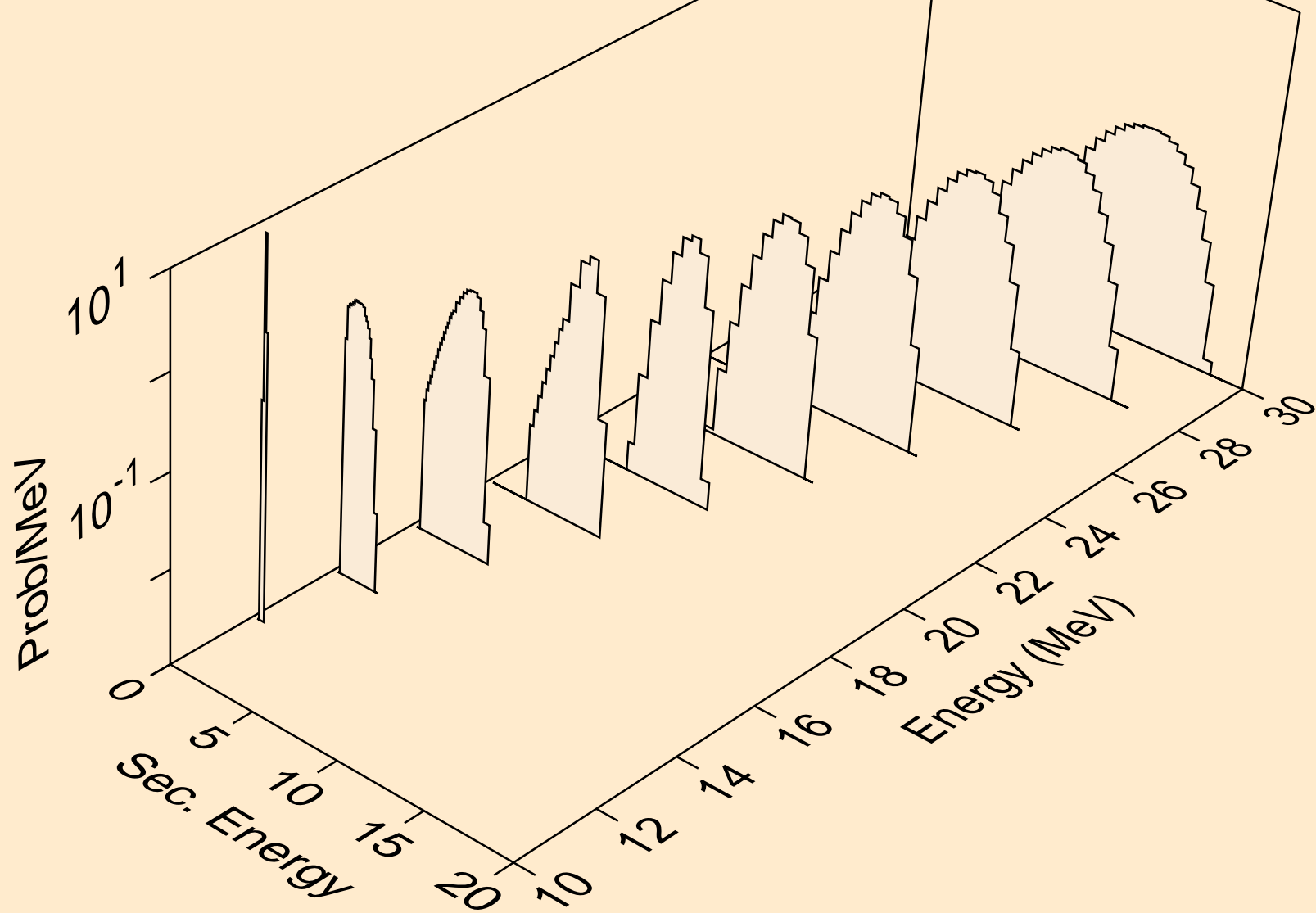
BI222 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



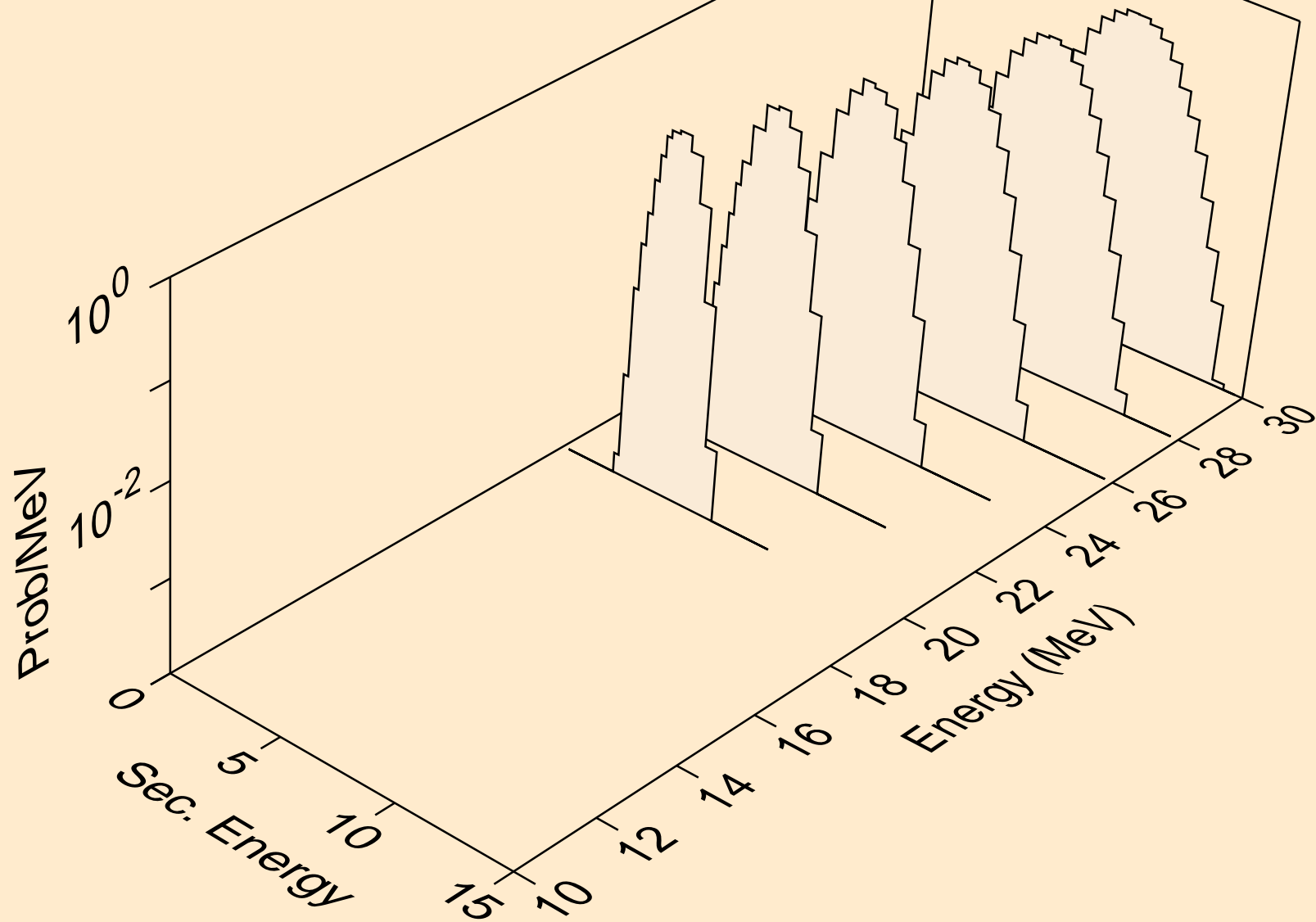
BI222 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,2np)



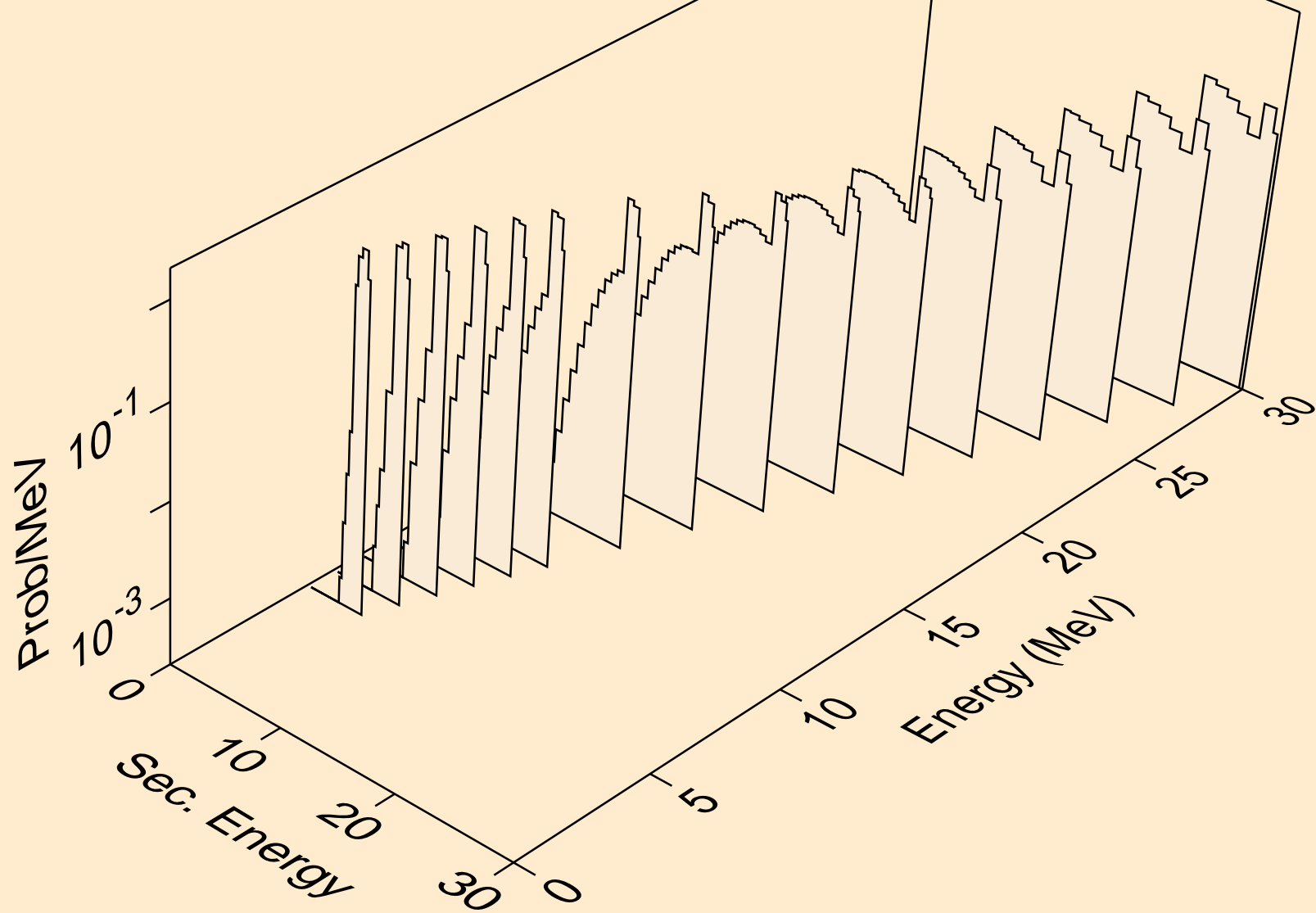
BI222 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,3np)



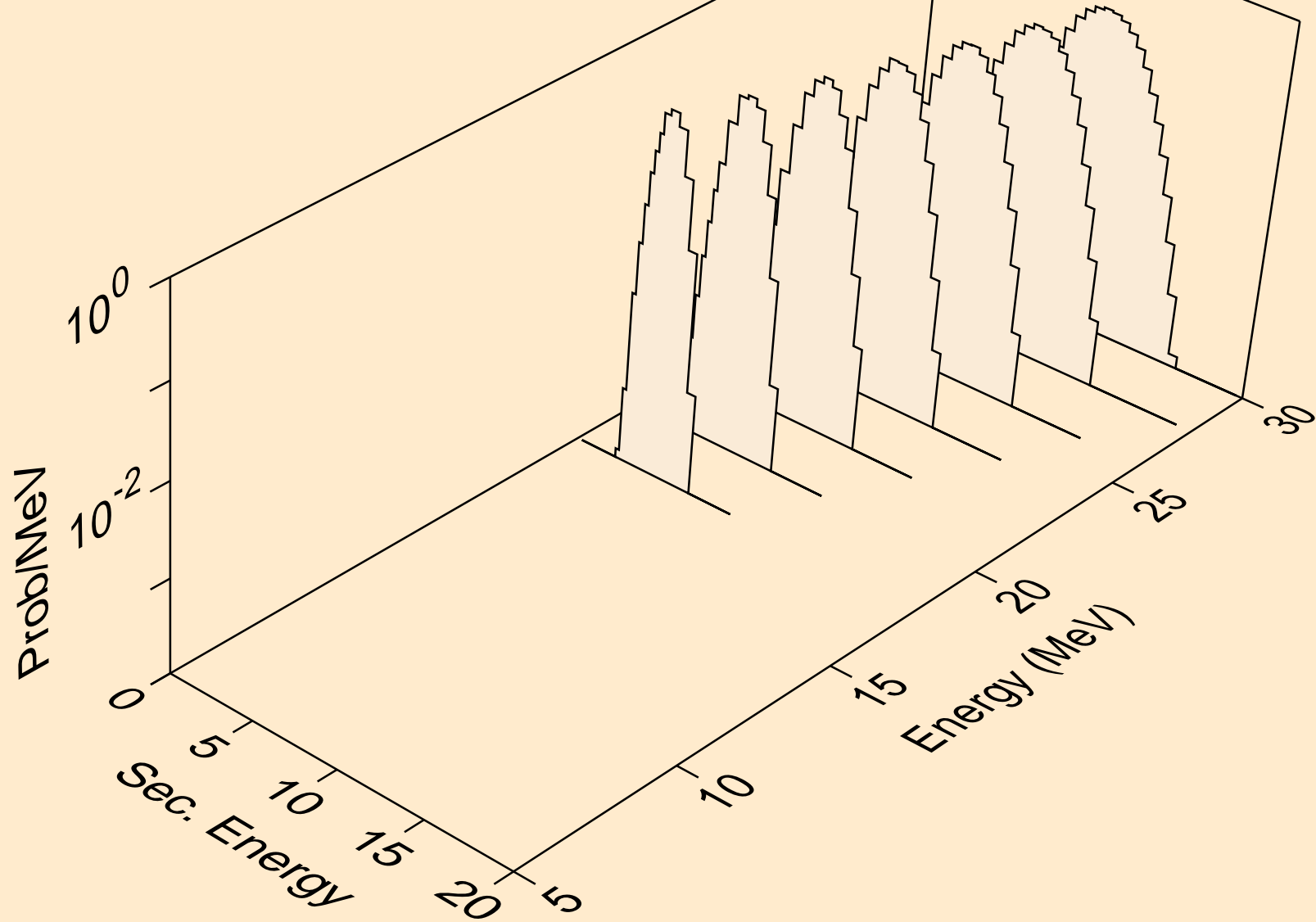
BI222 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,n2p)



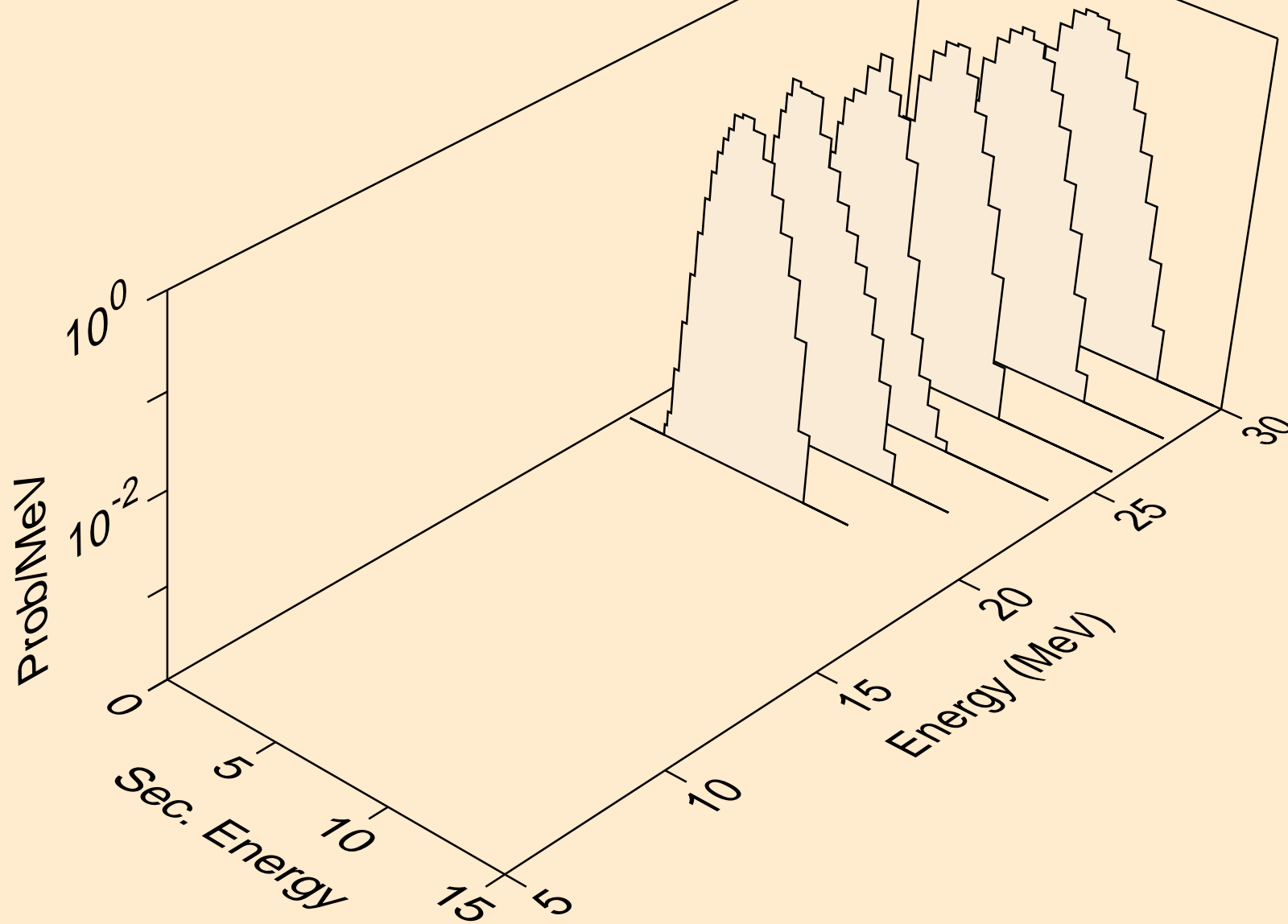
BI222 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for inelastic



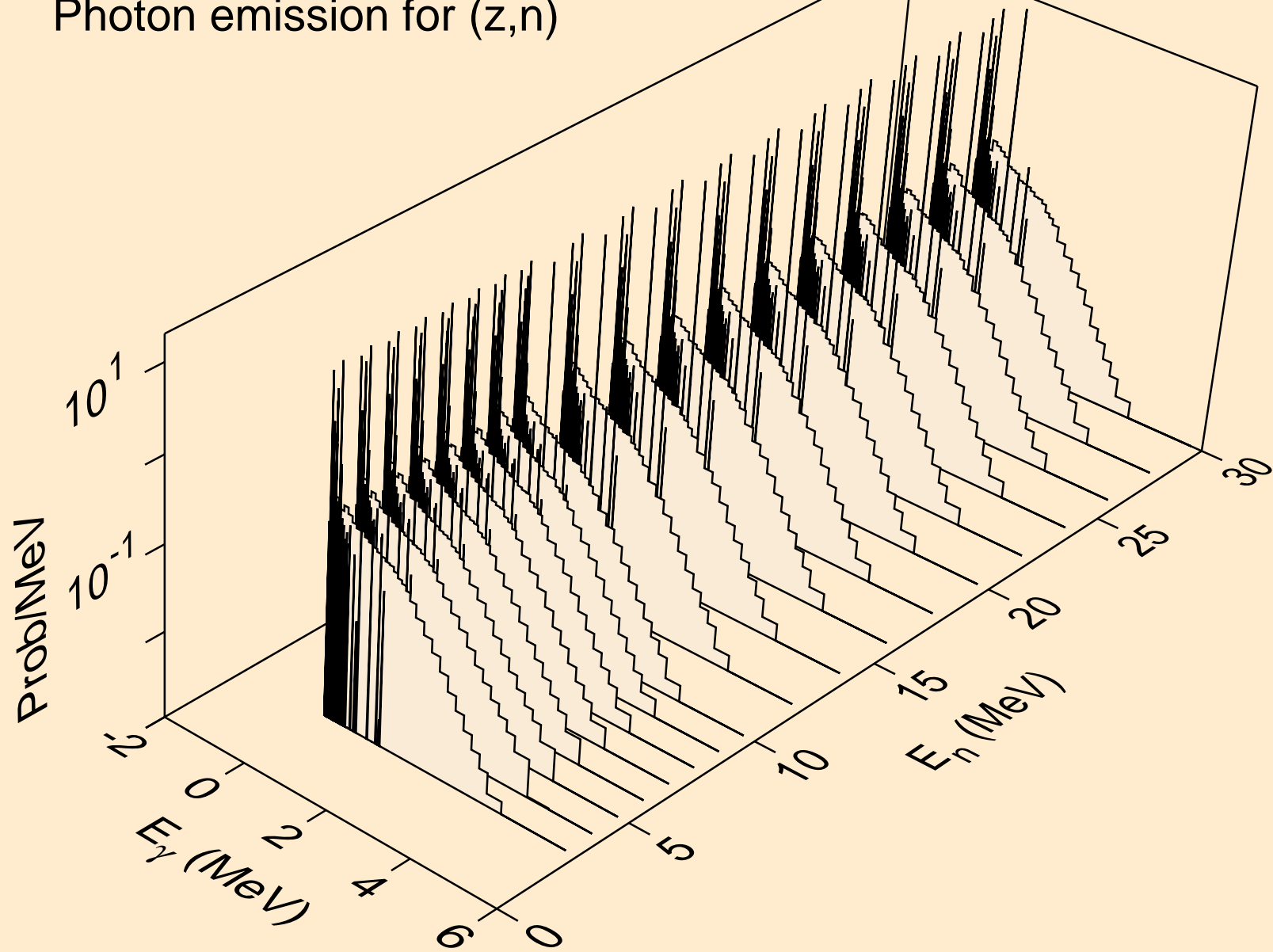
BI222 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,2p)



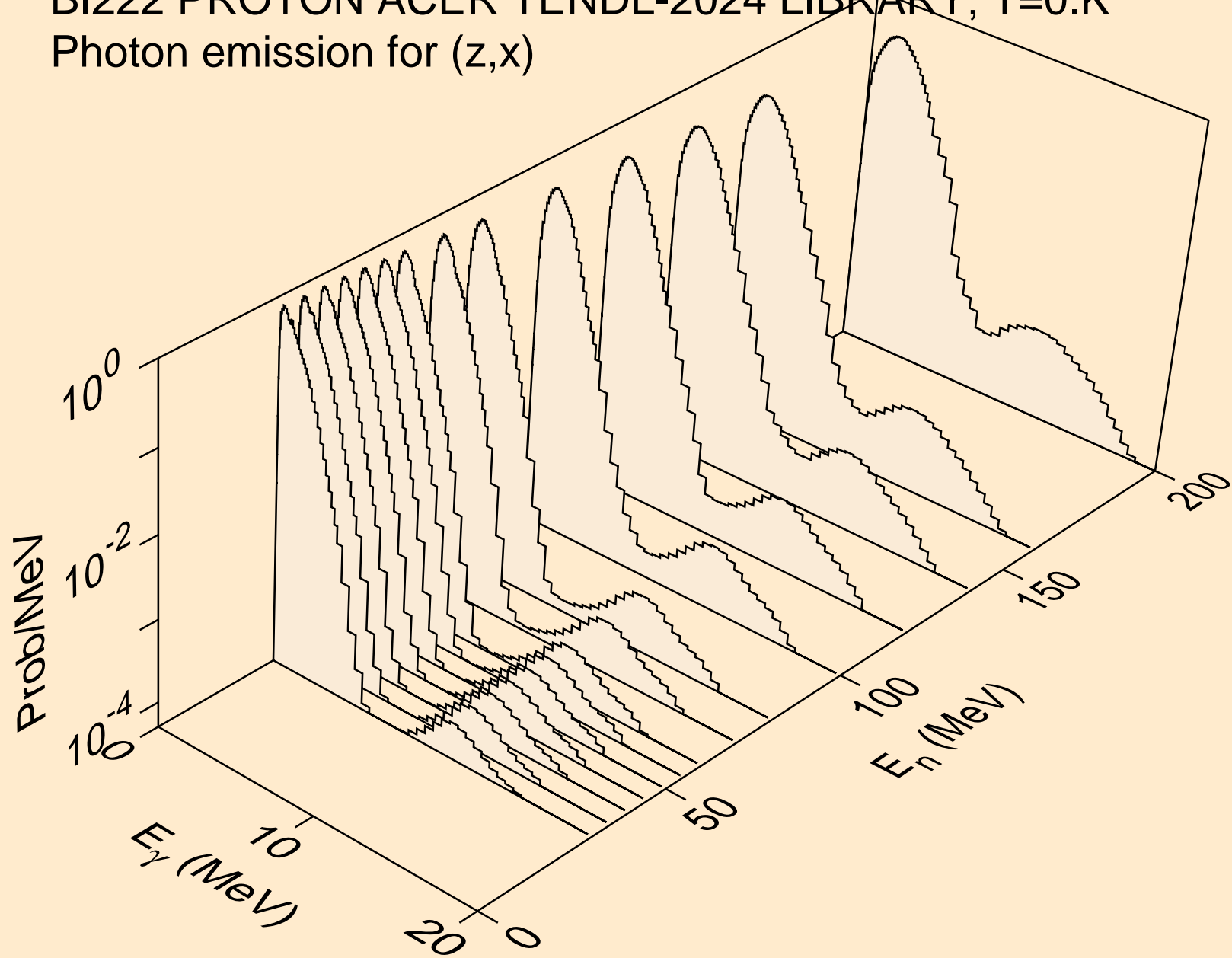
BI222 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,pd)



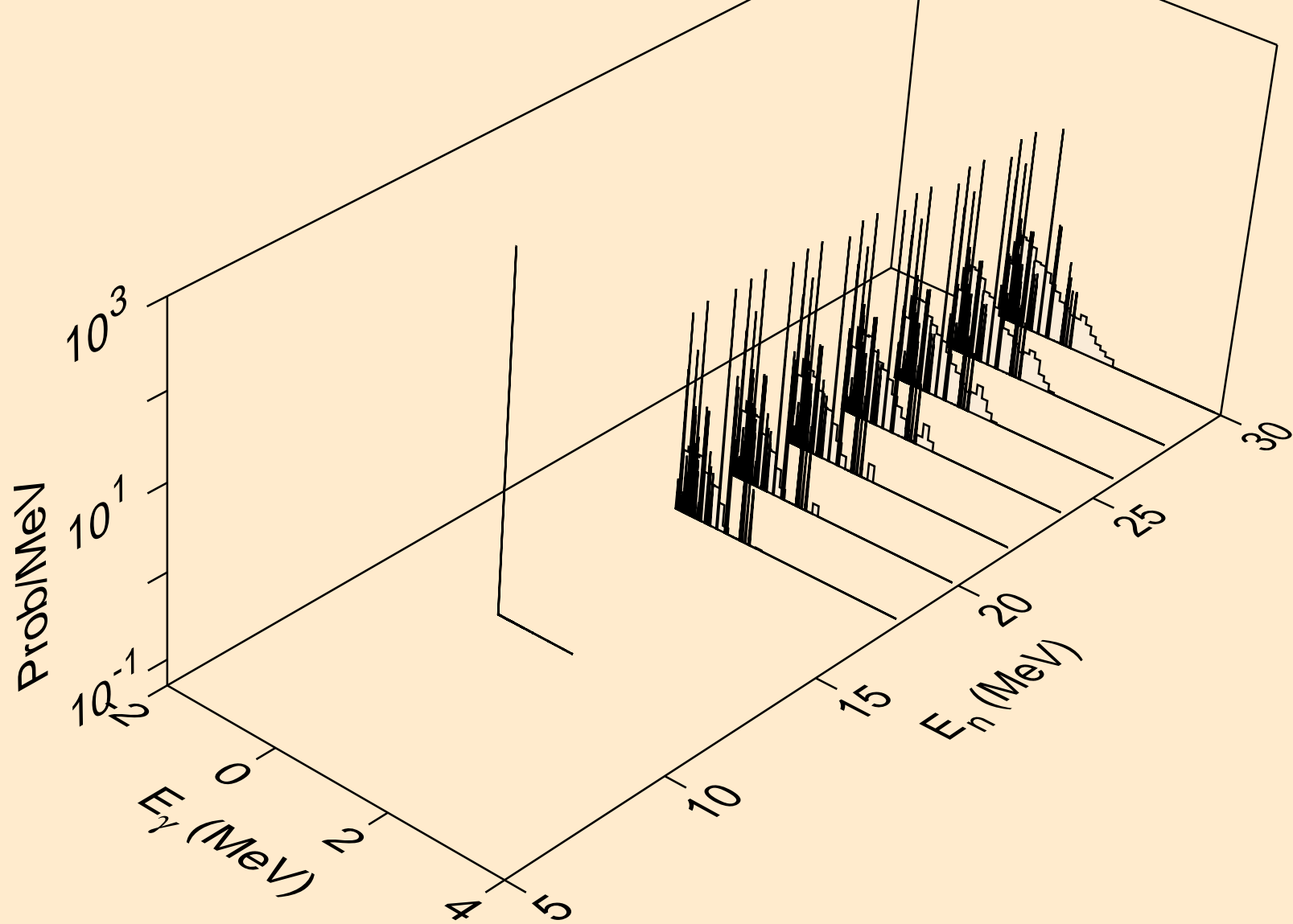
BI222 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,n)



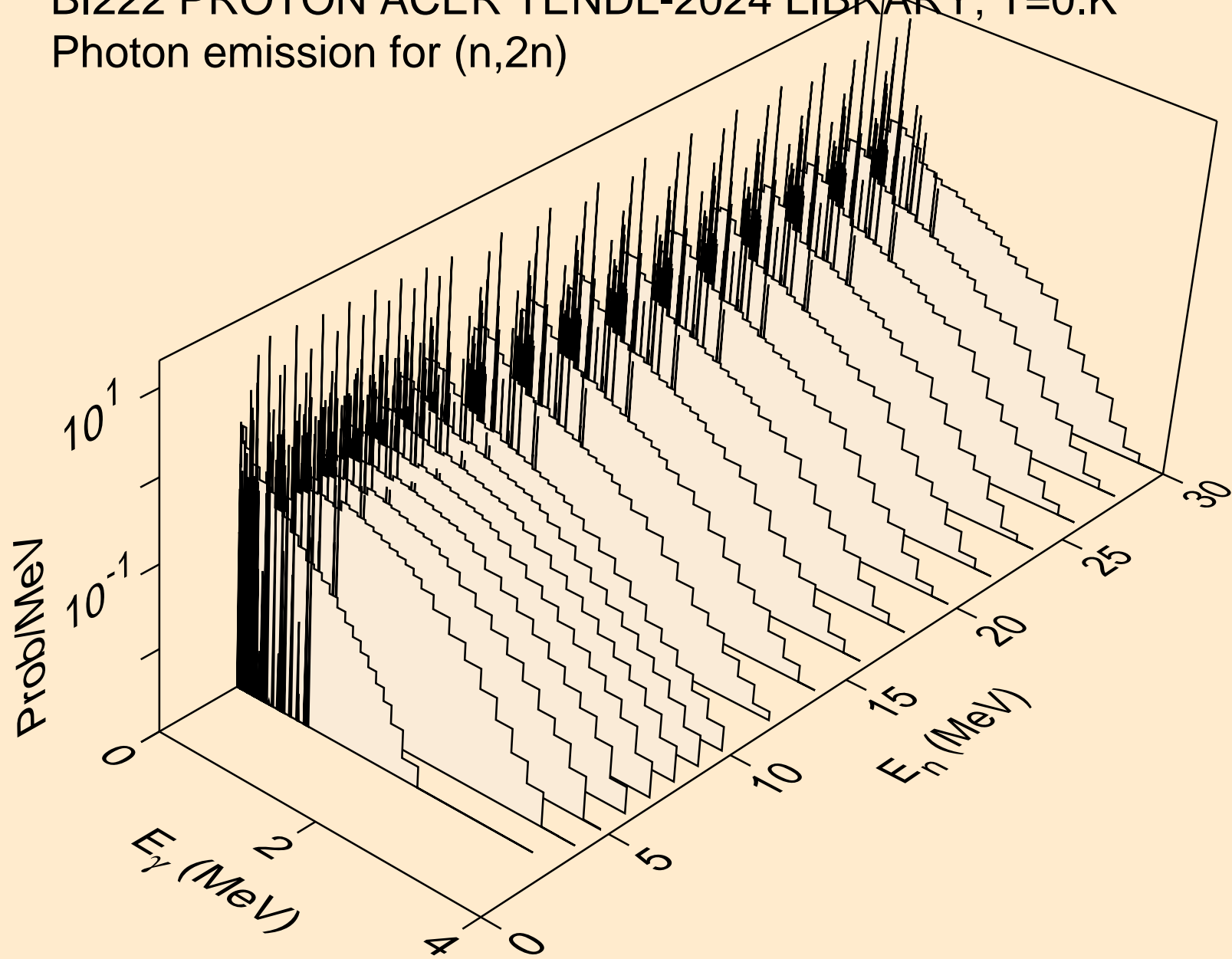
BI222 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,x)



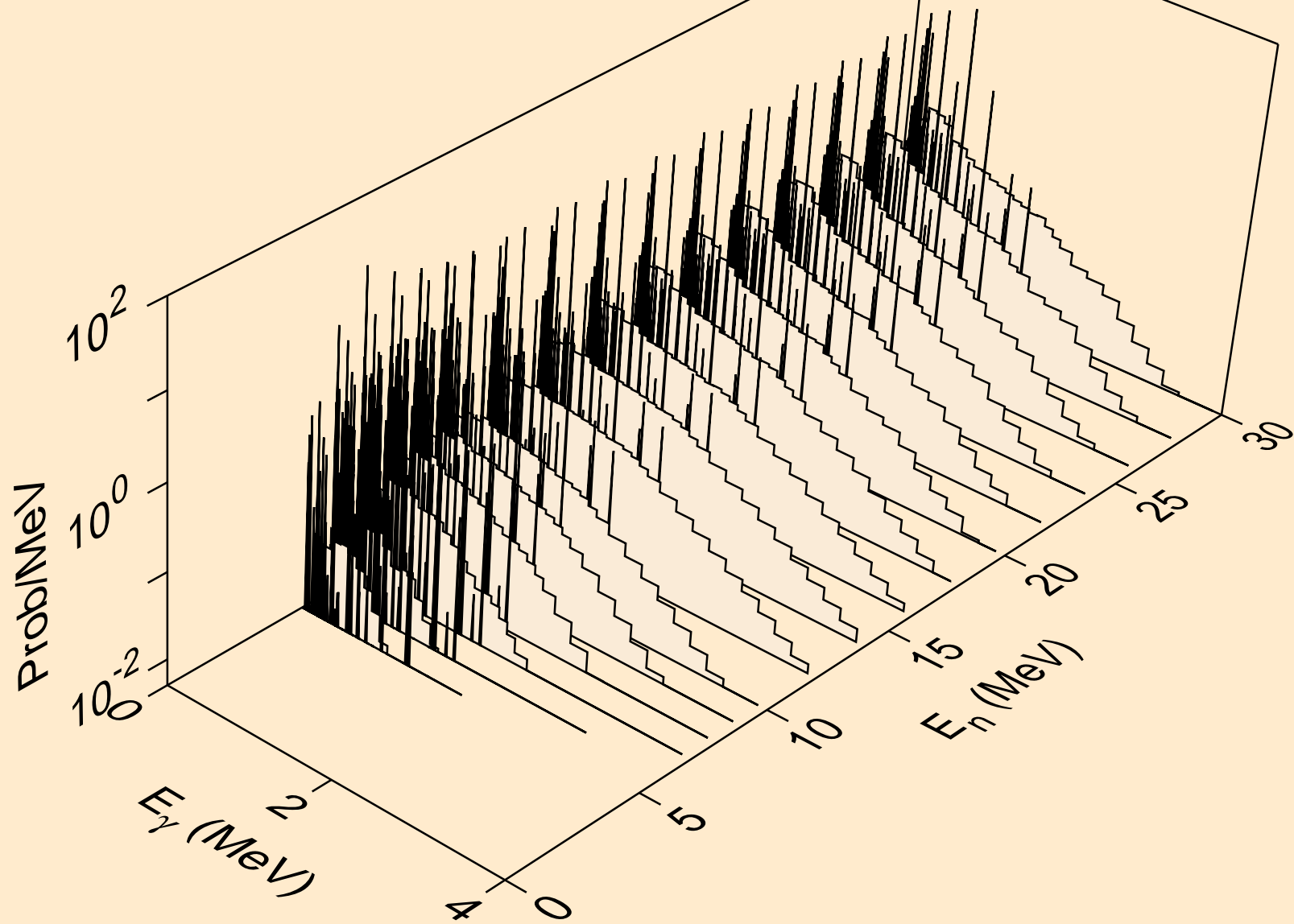
BI222 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



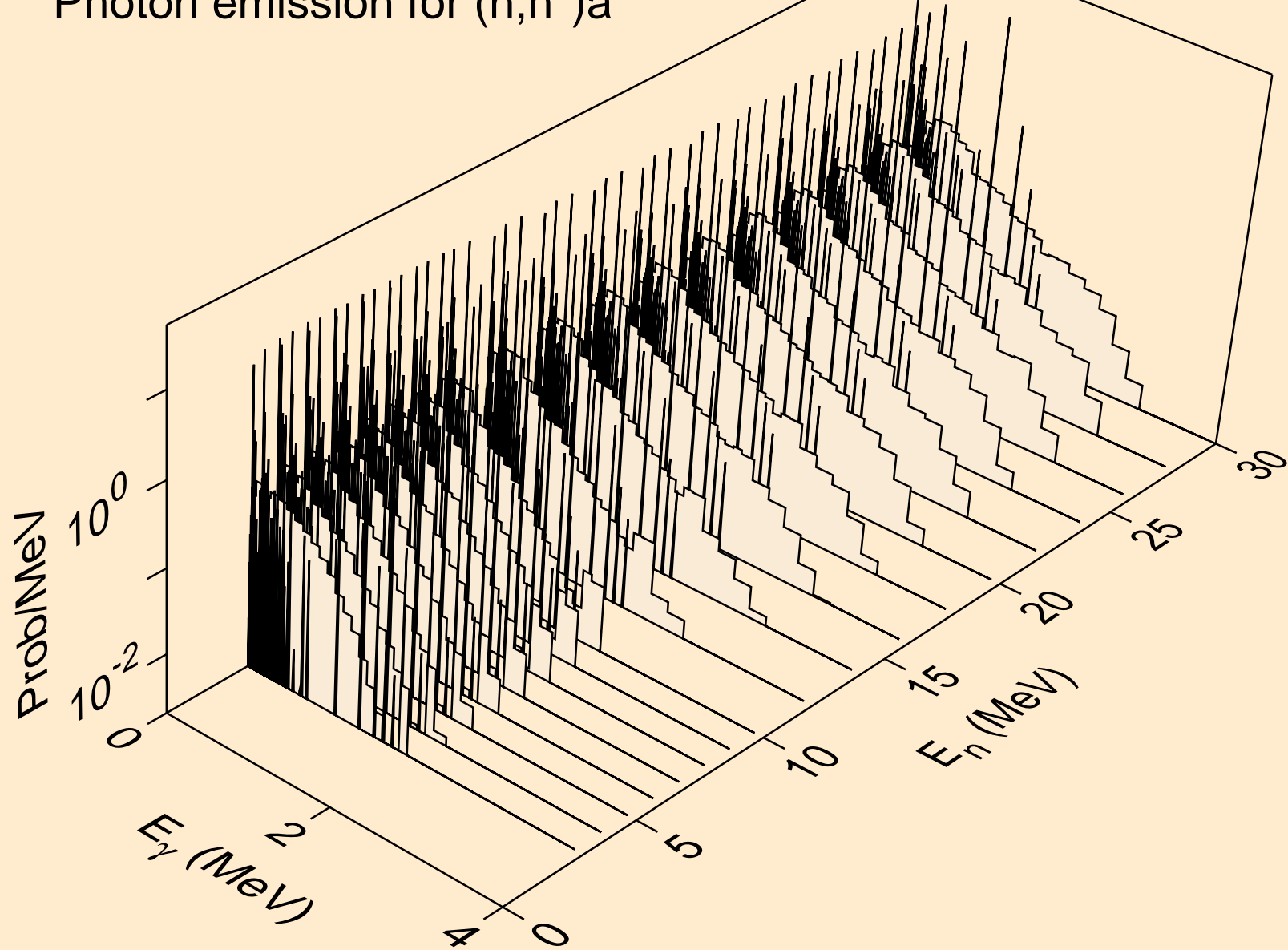
BI222 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



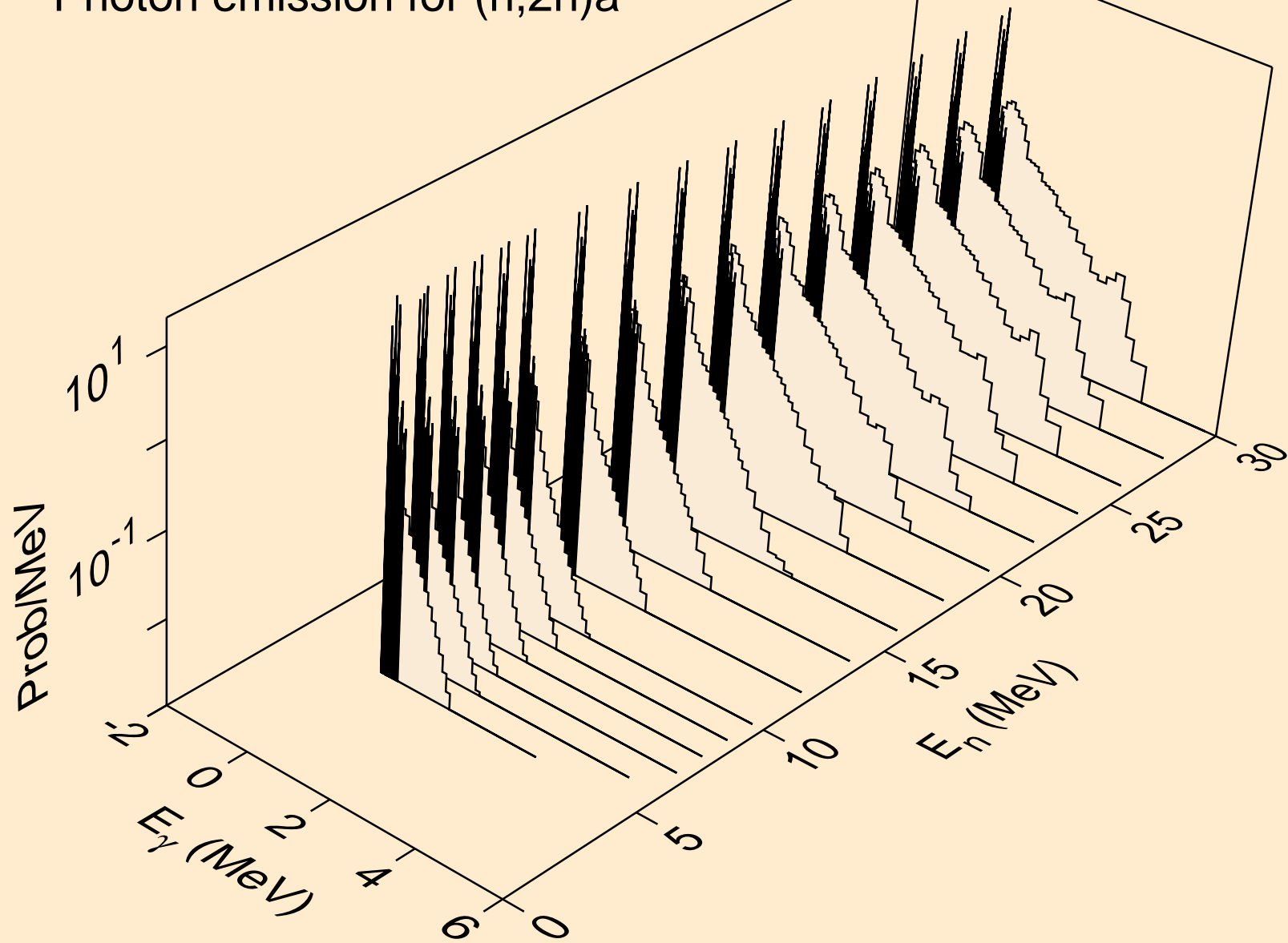
BI222 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



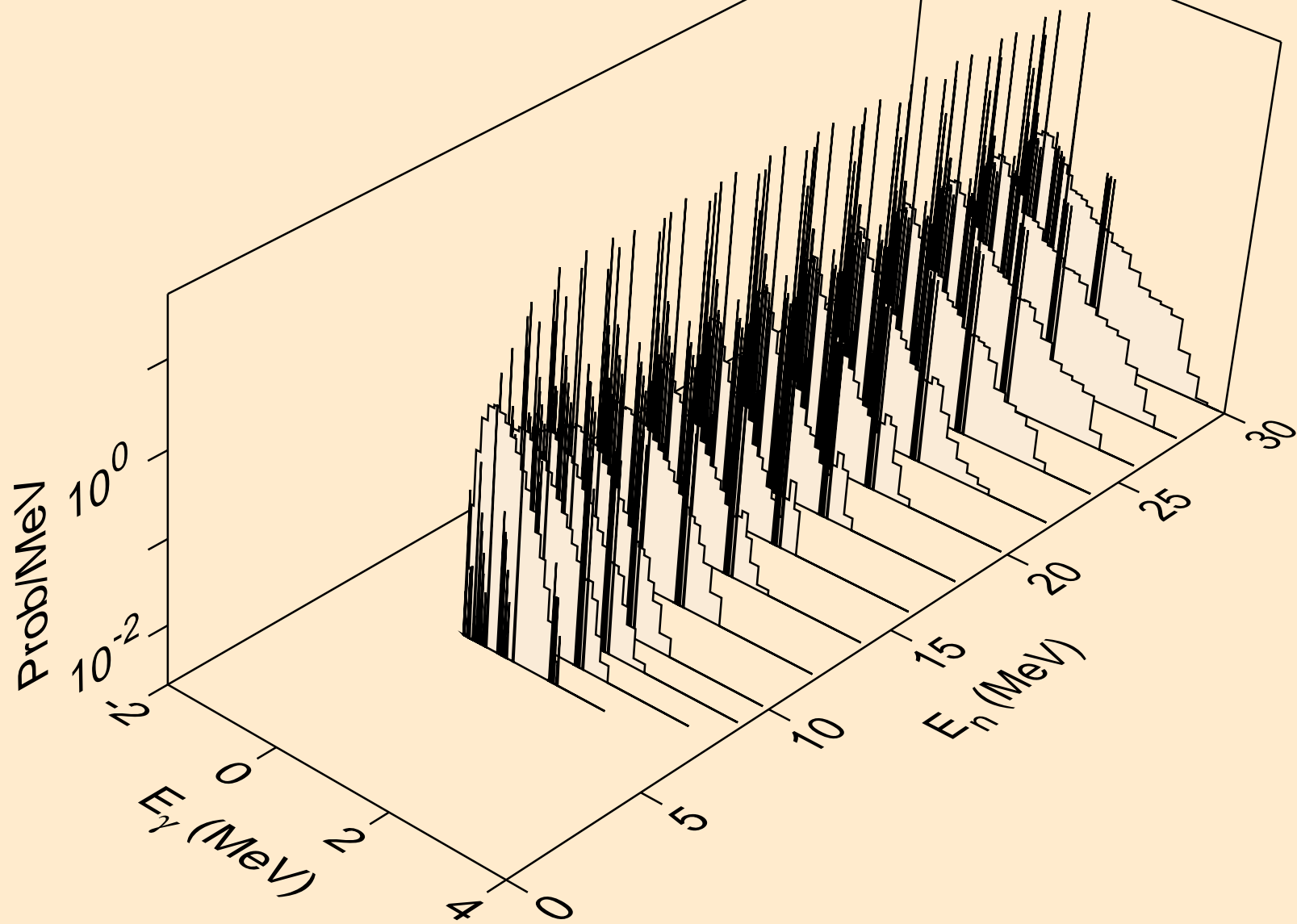
BI222 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



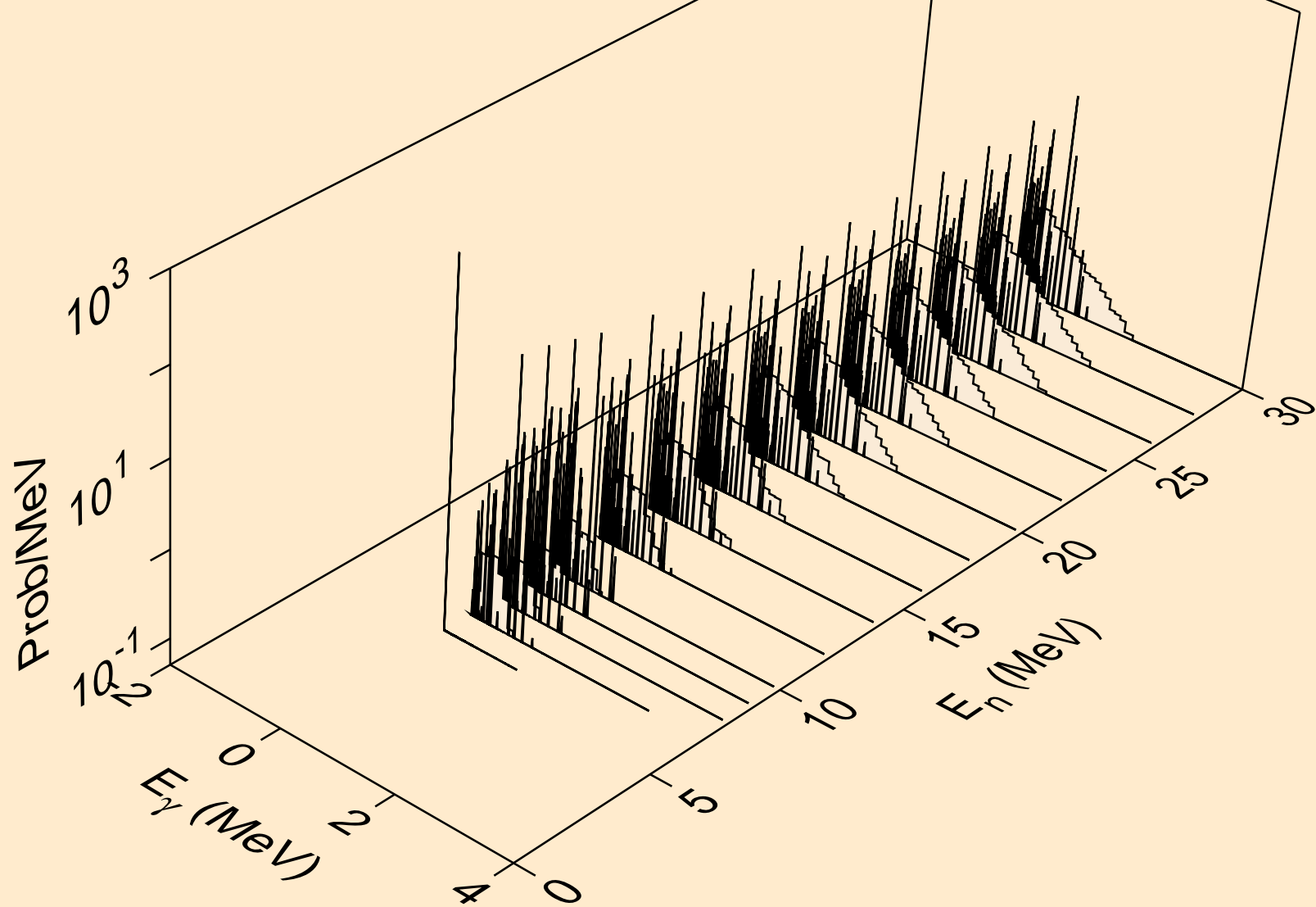
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Photon emission for (n,2n)a



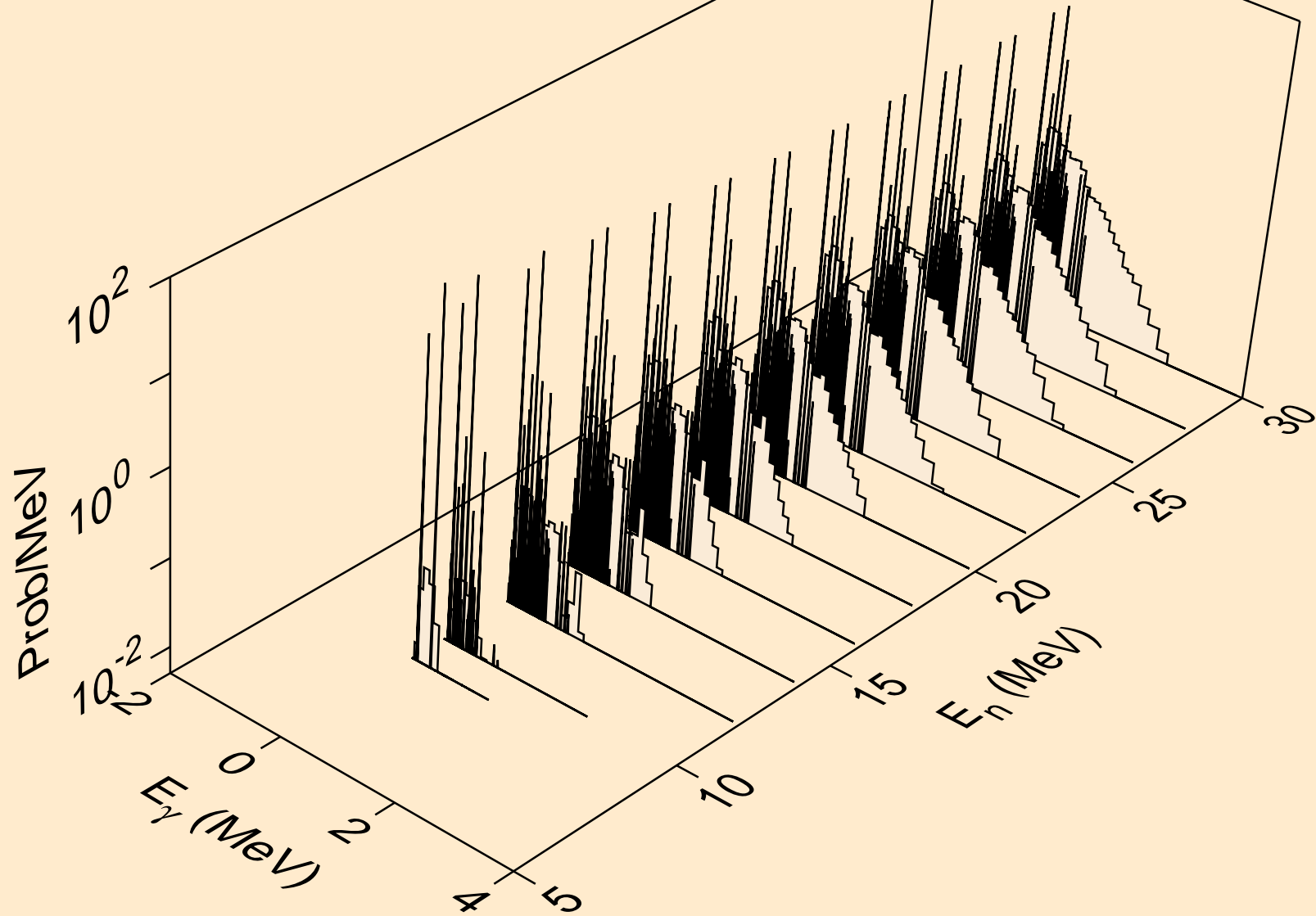
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Photon emission for (n,3n)a



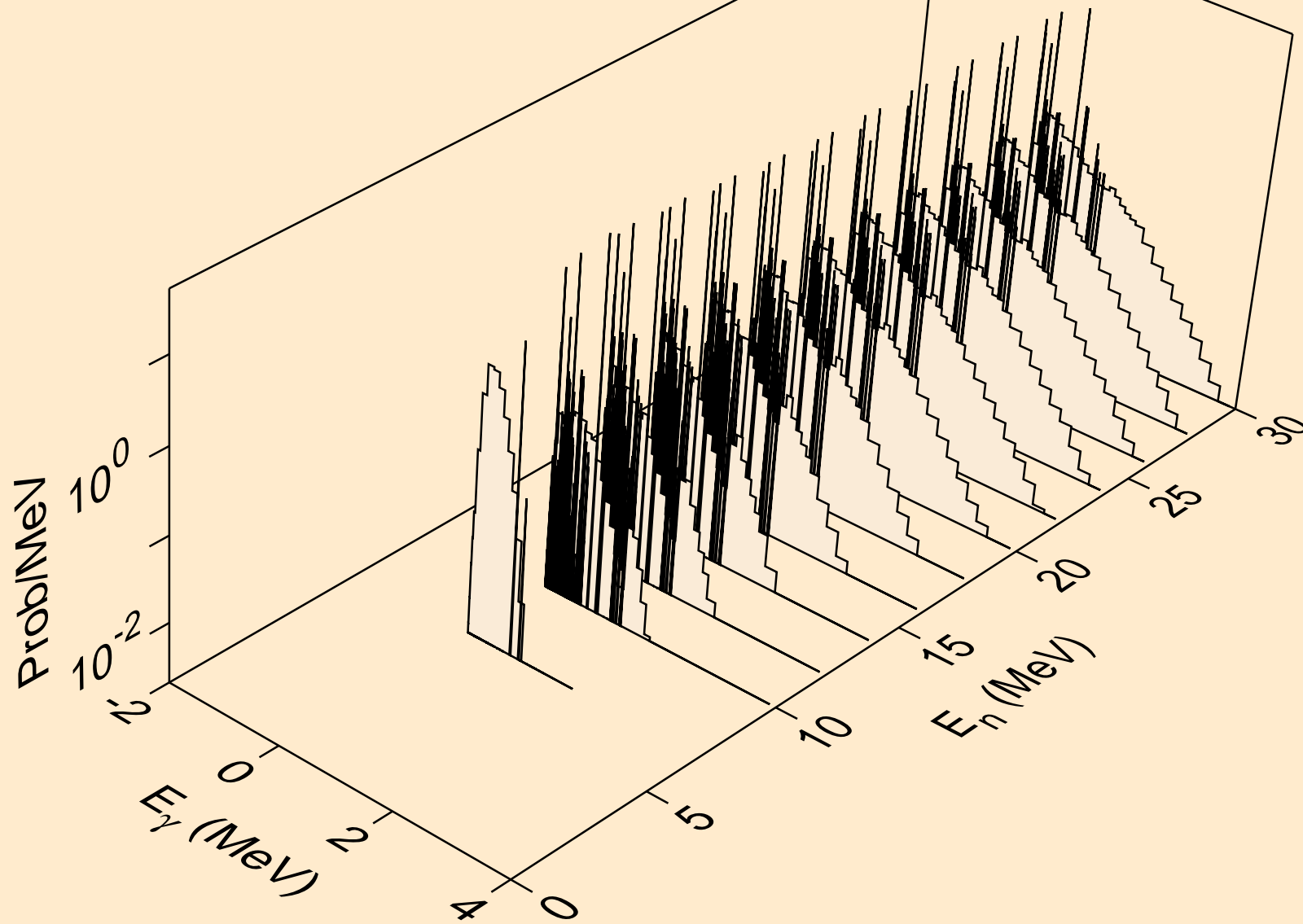
BI222 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



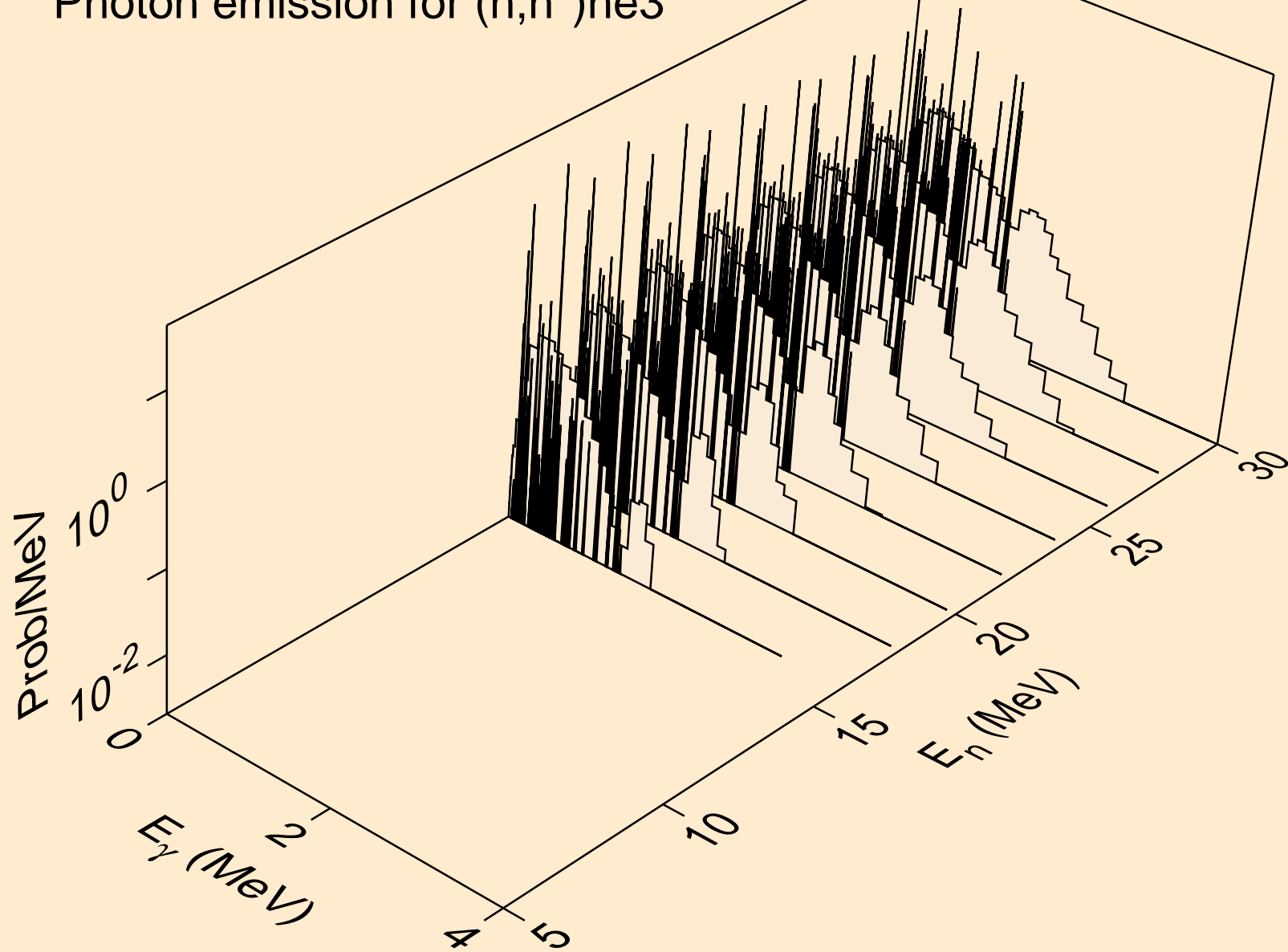
BI222 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



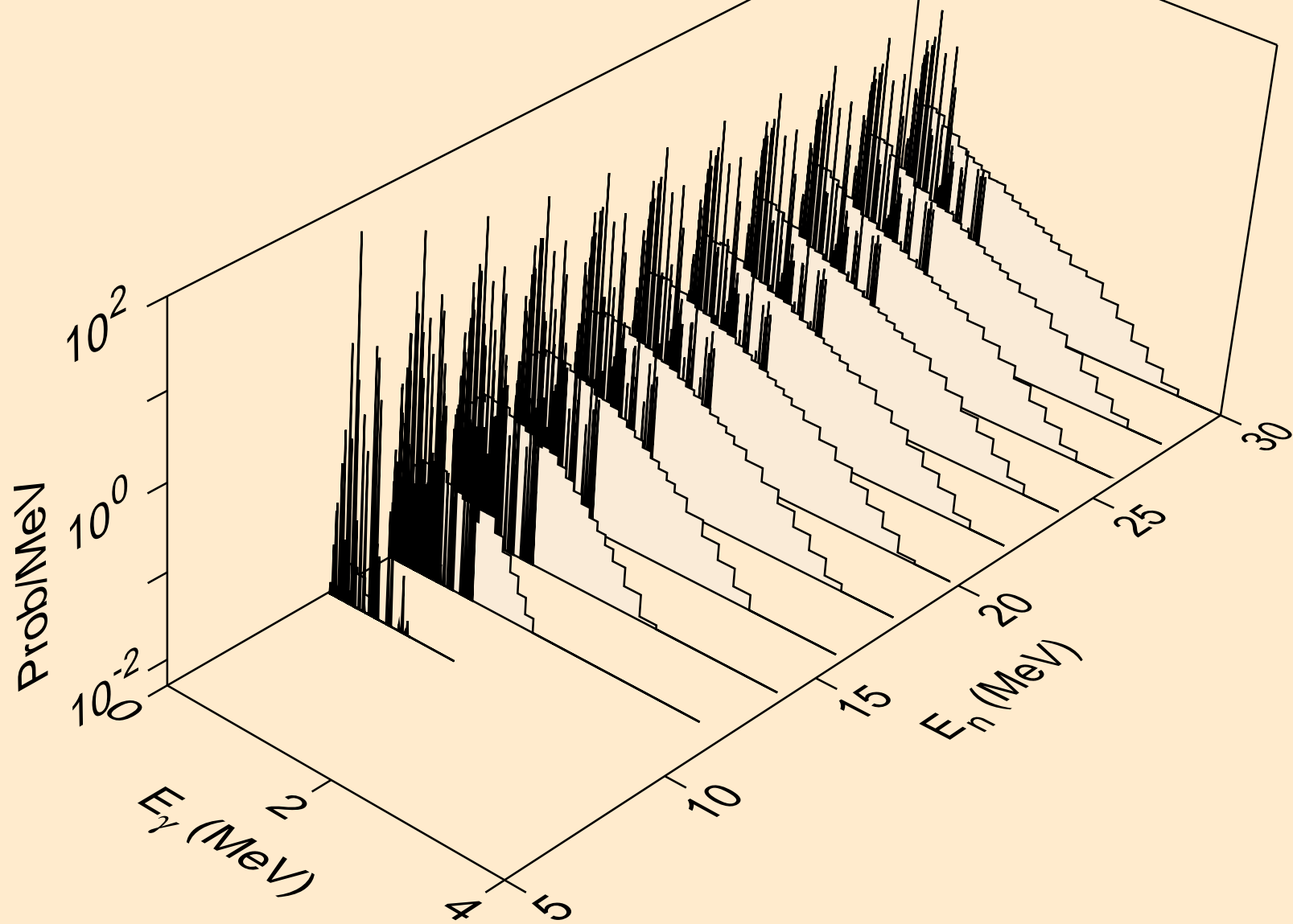
BI222 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



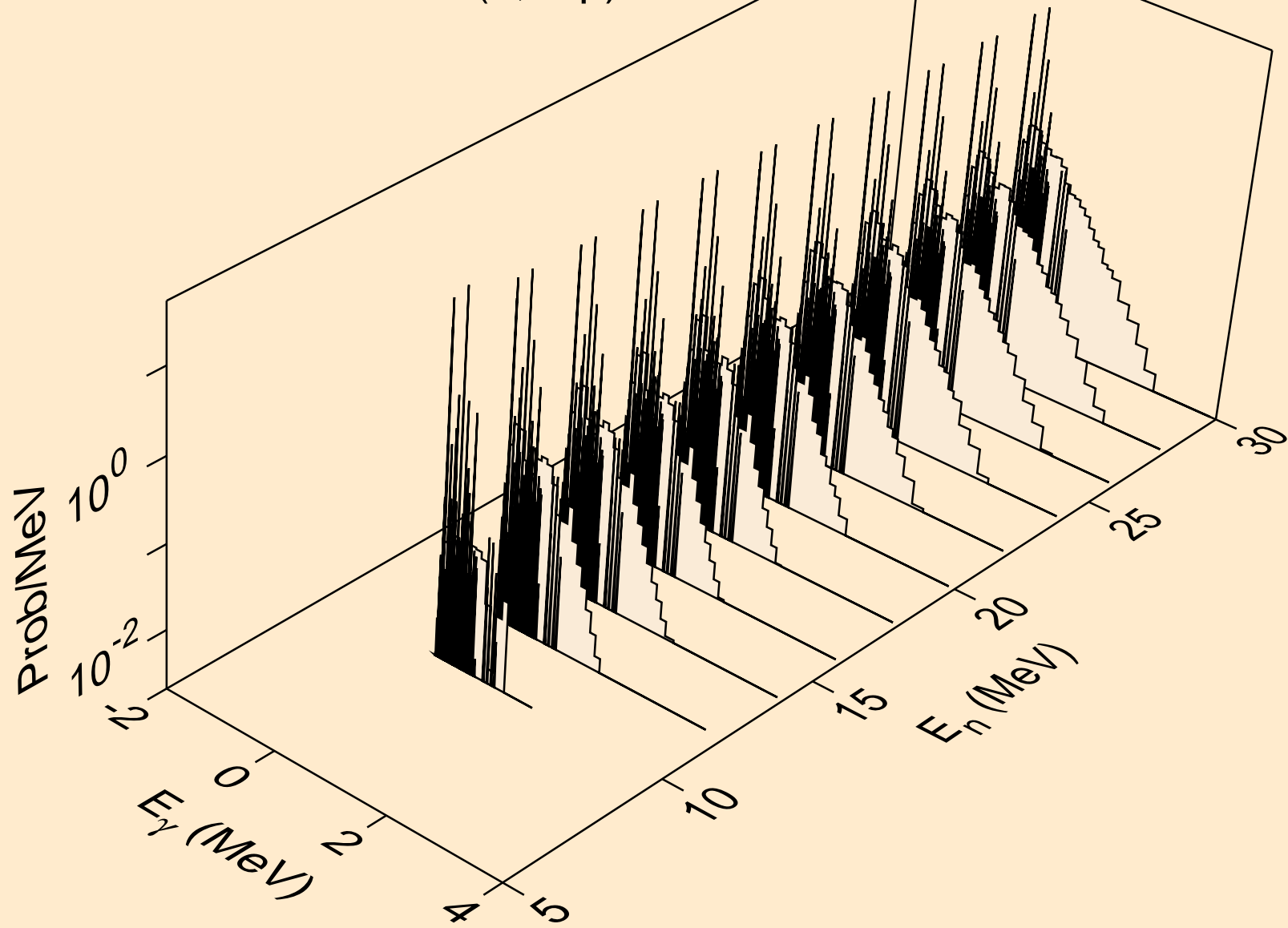
BI222 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



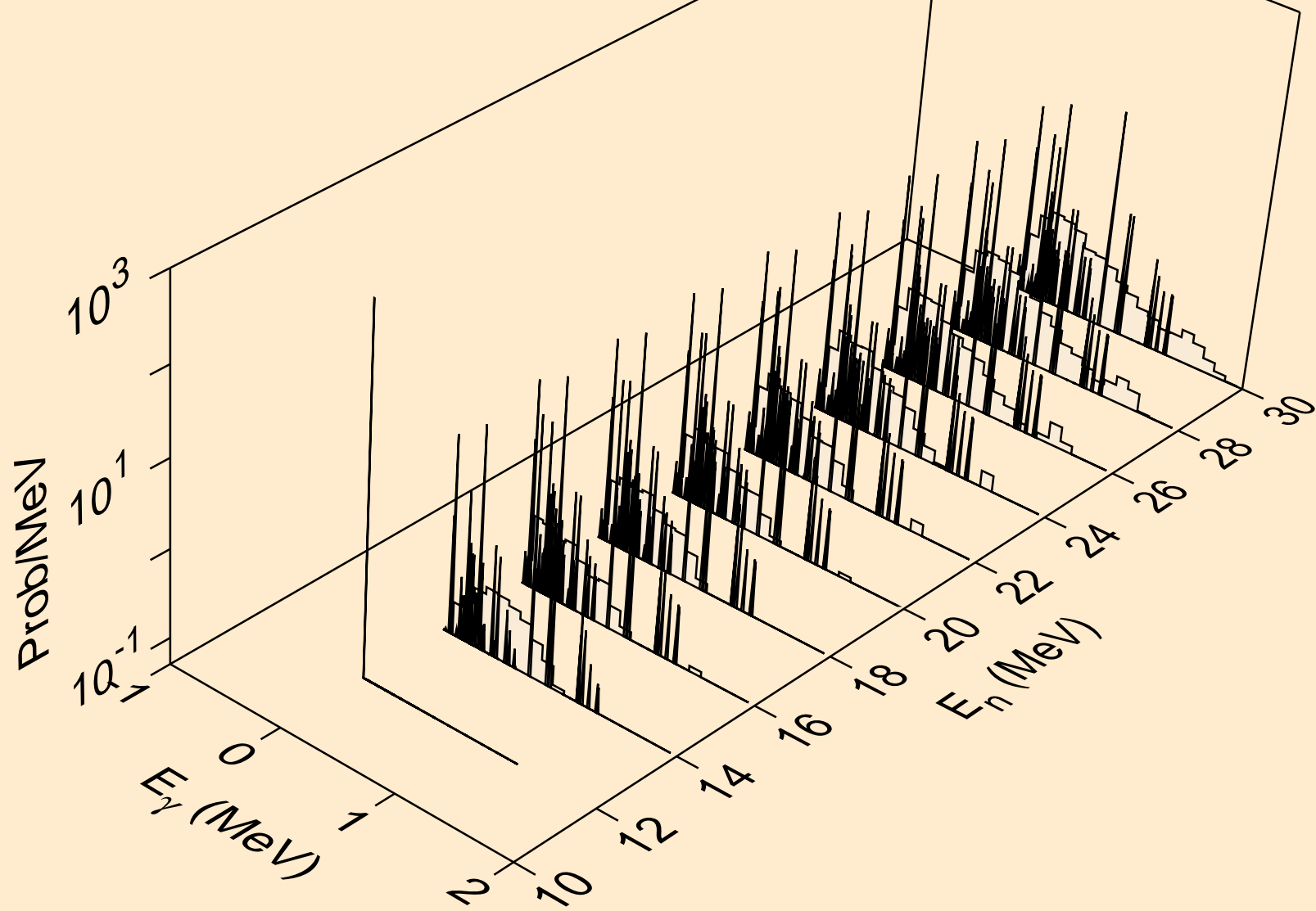
BI222 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



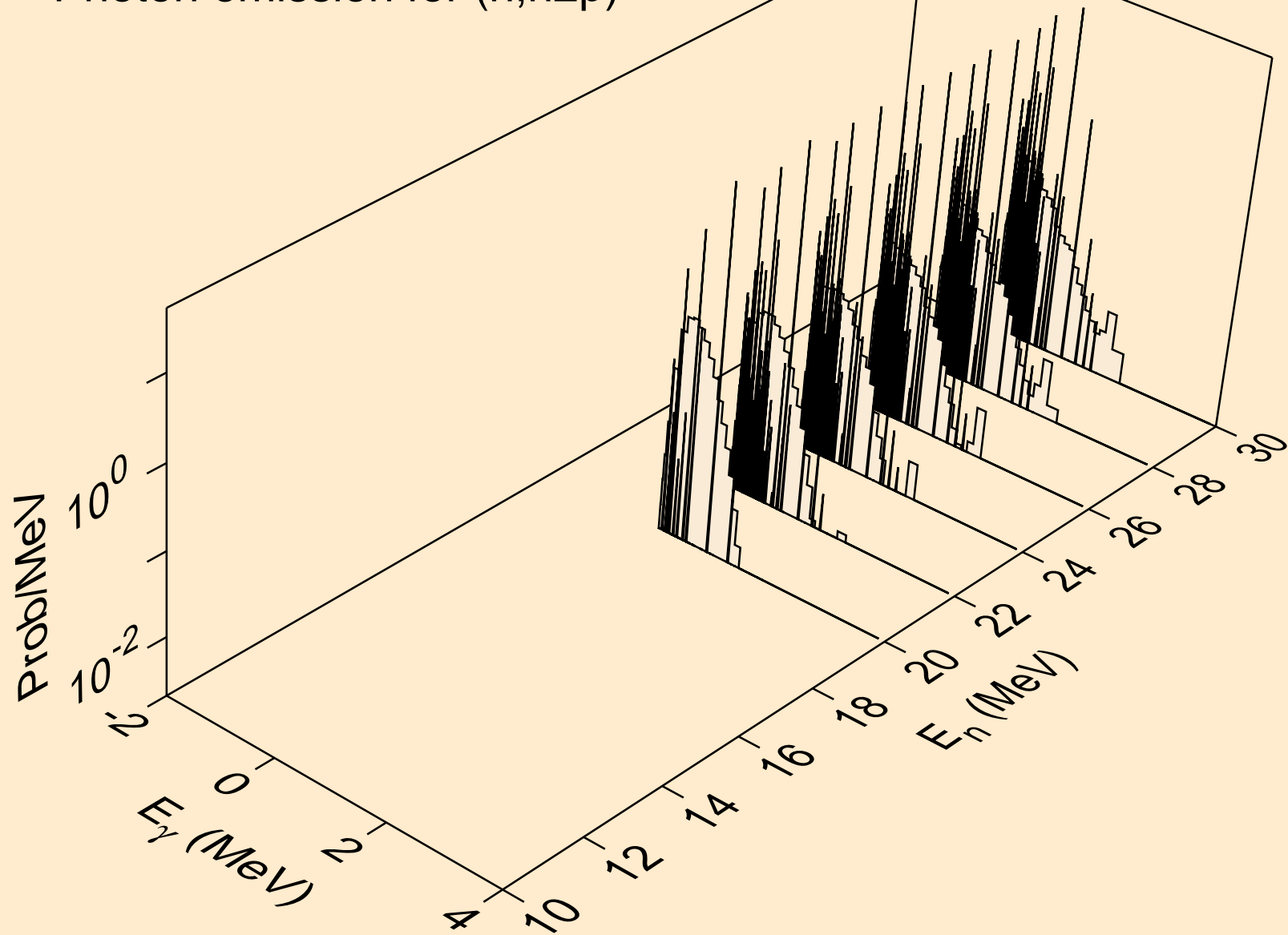
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Photon emission for (n,2np)



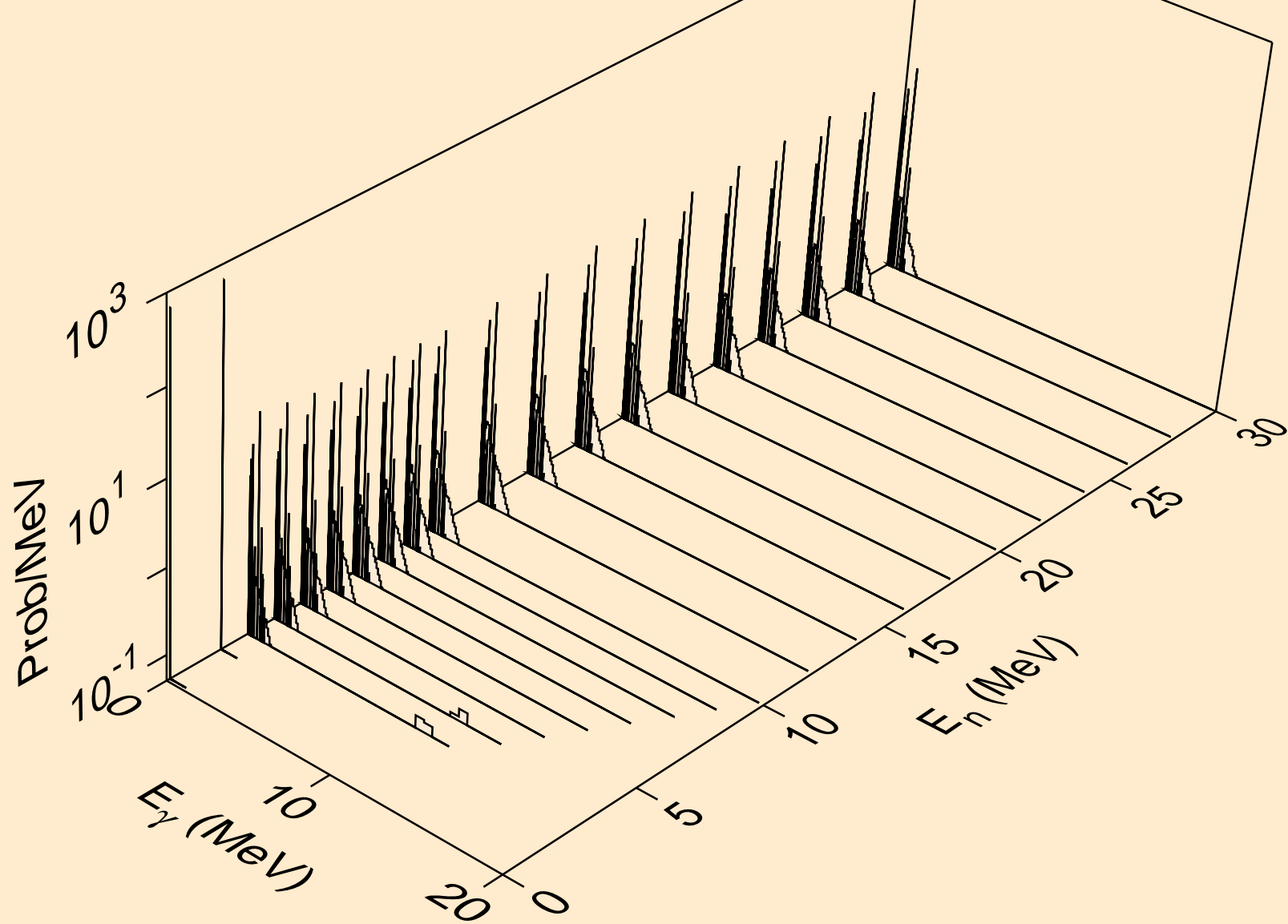
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Photon emission for (n,3np)



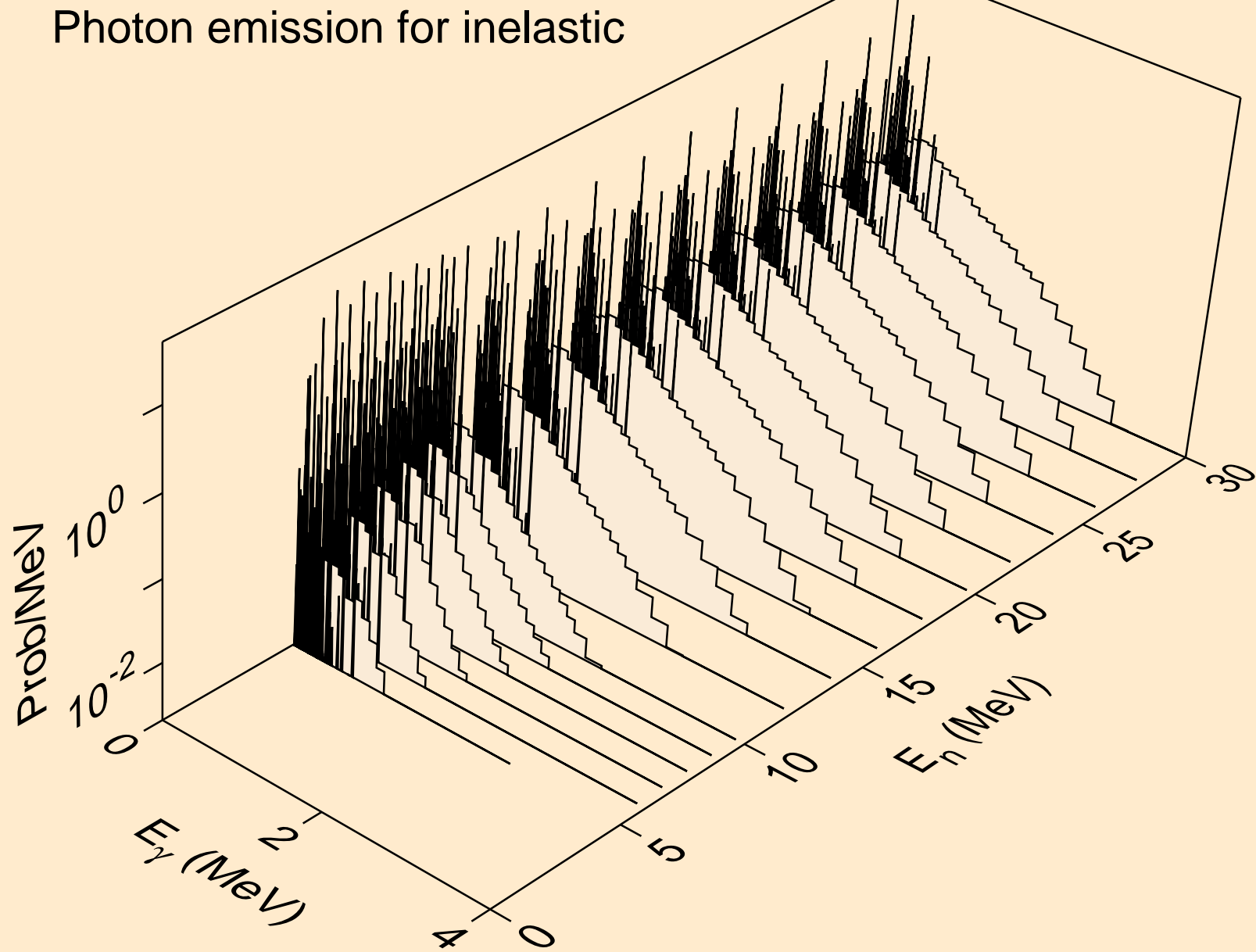
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Photon emission for (n,n2p)



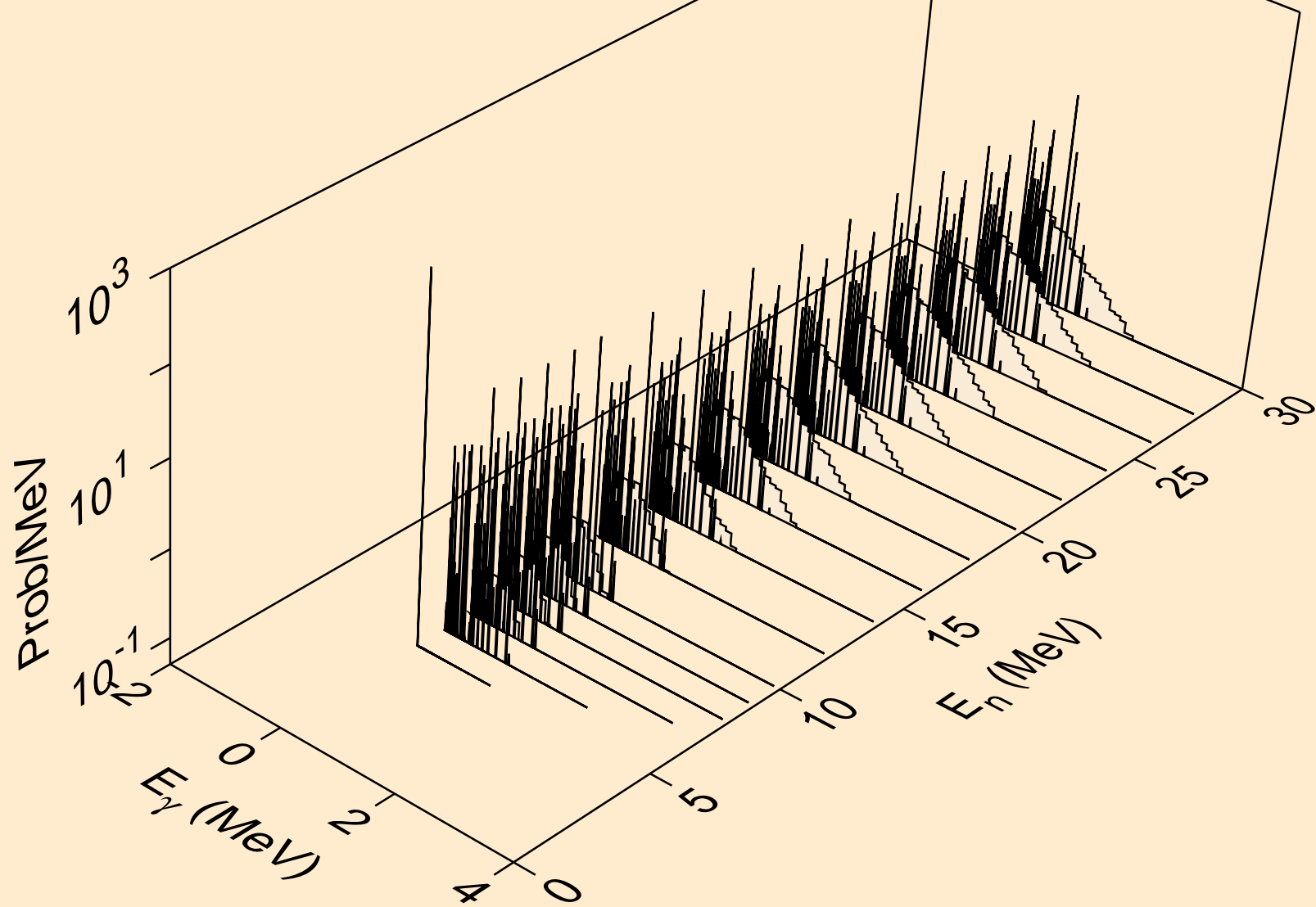
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Photon emission for (n,gma)



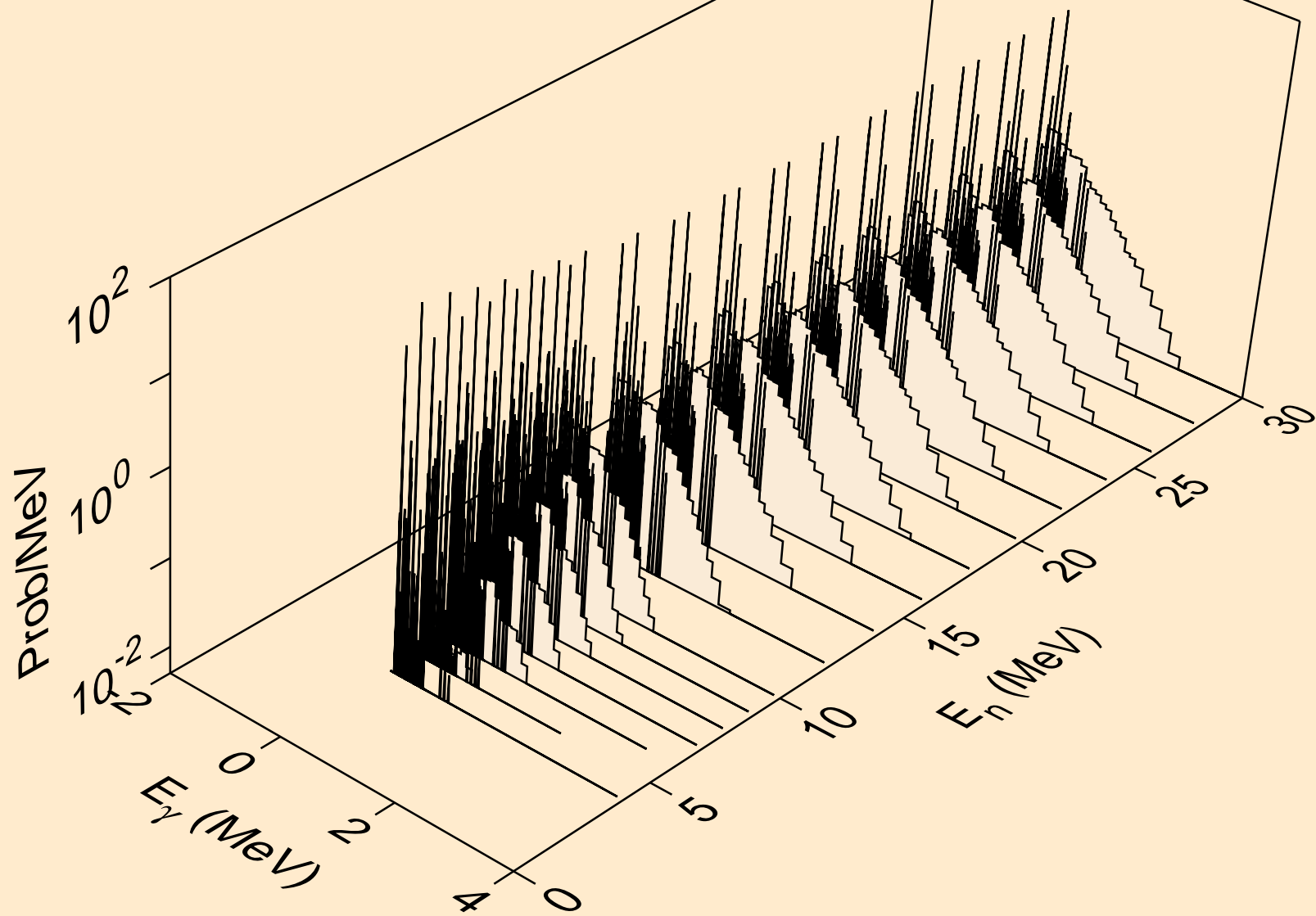
BI222 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic



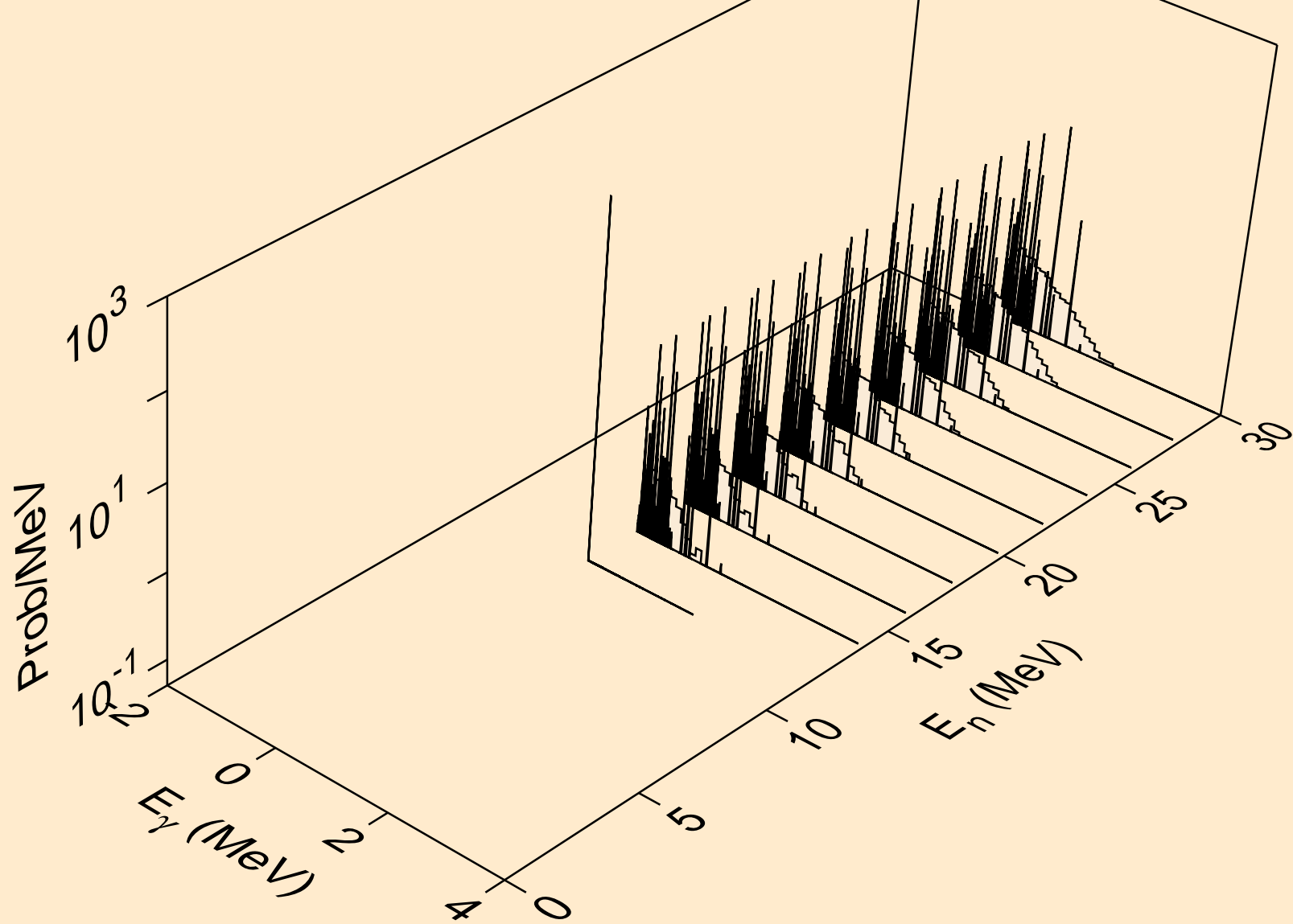
BI222 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



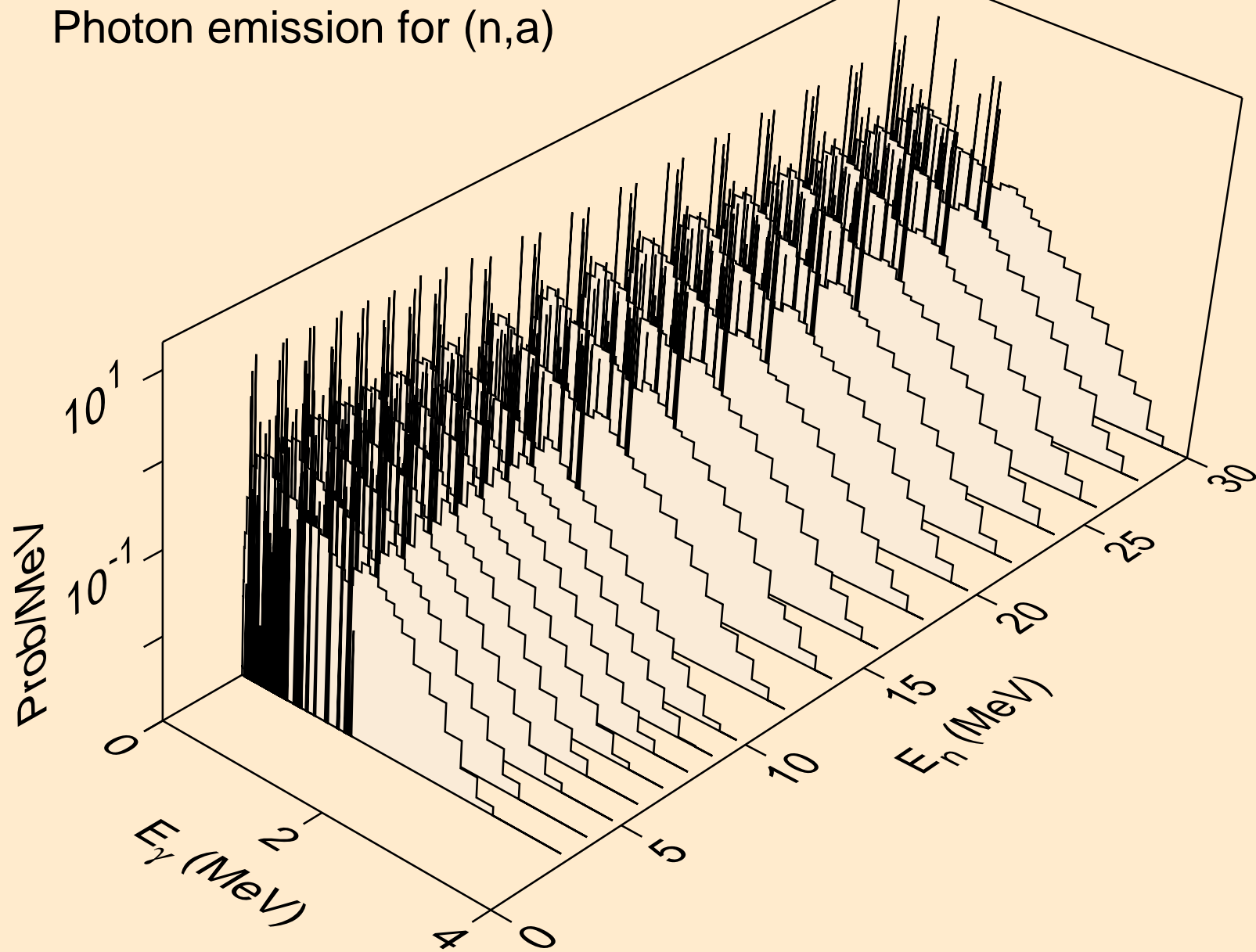
BI222 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



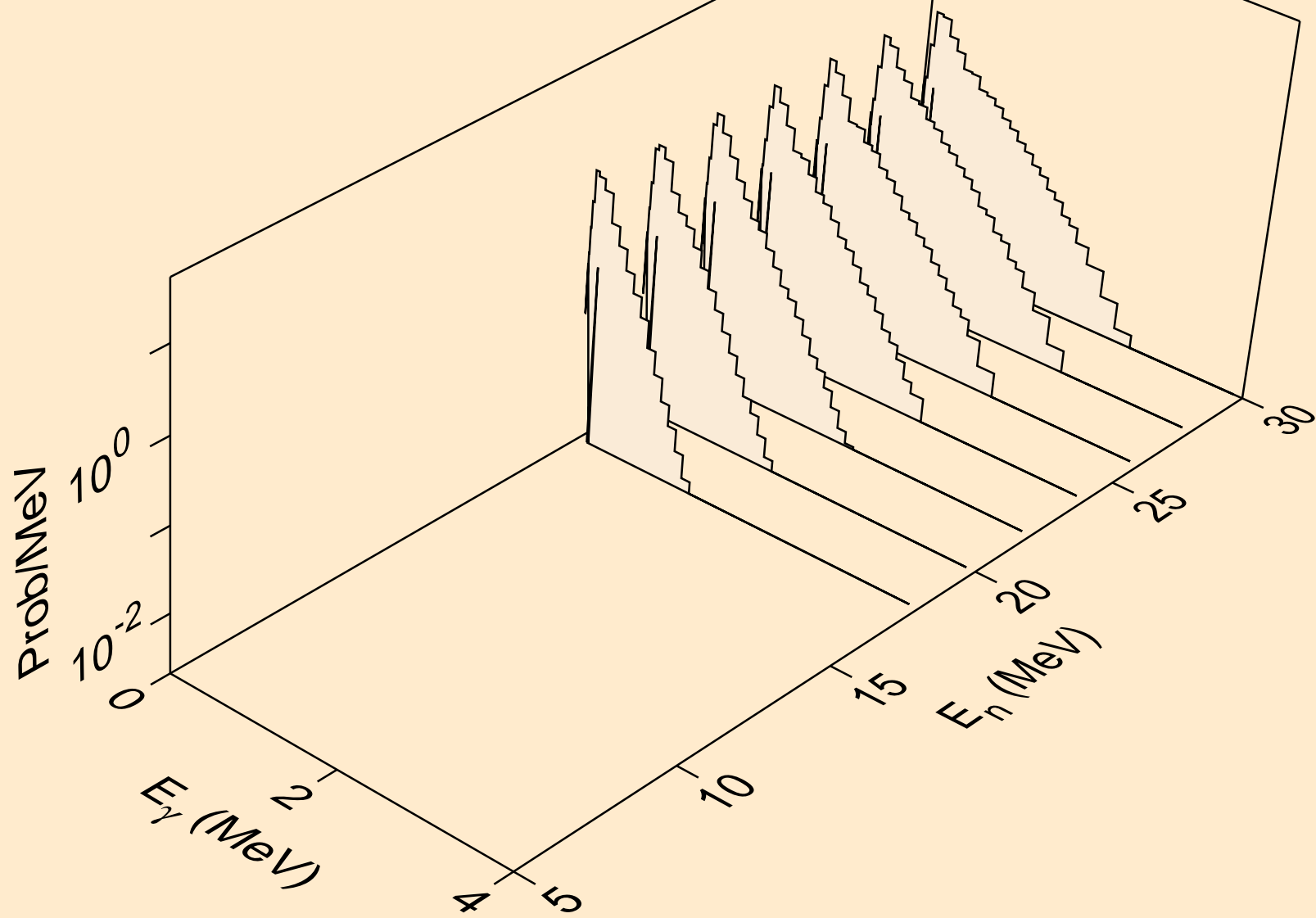
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Photon emission for (n,he3)



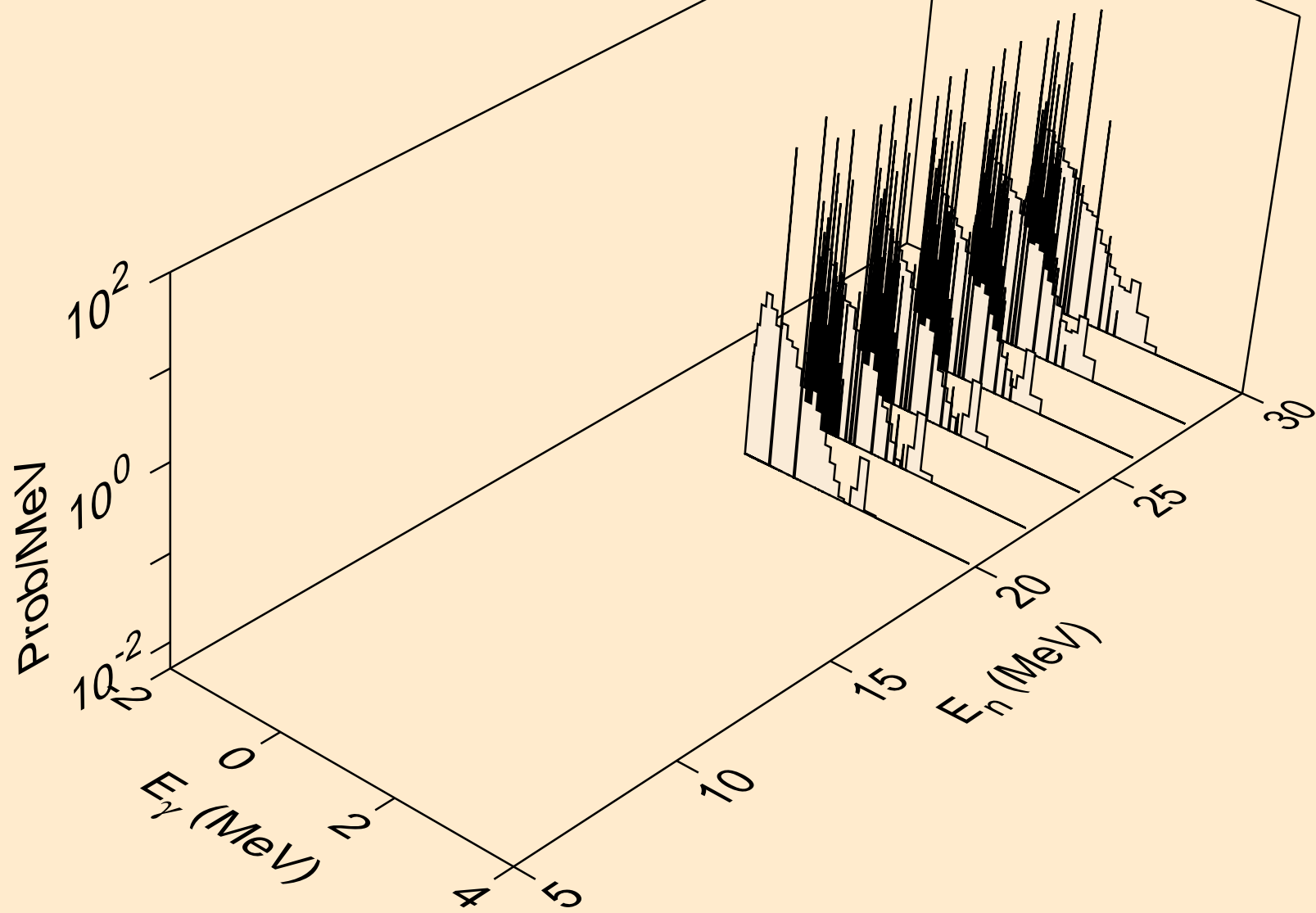
BI222 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



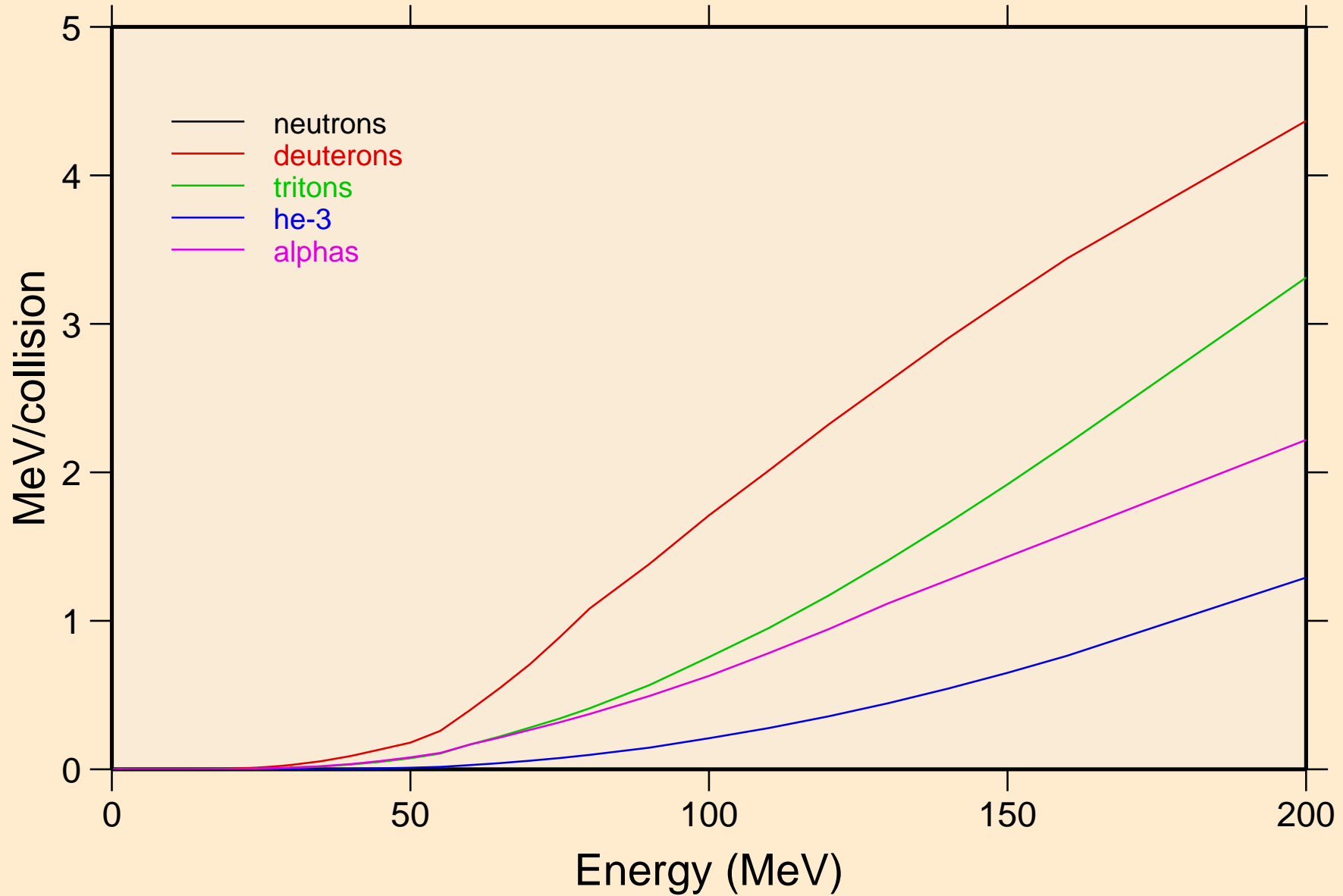
BI222 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



BI222 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)

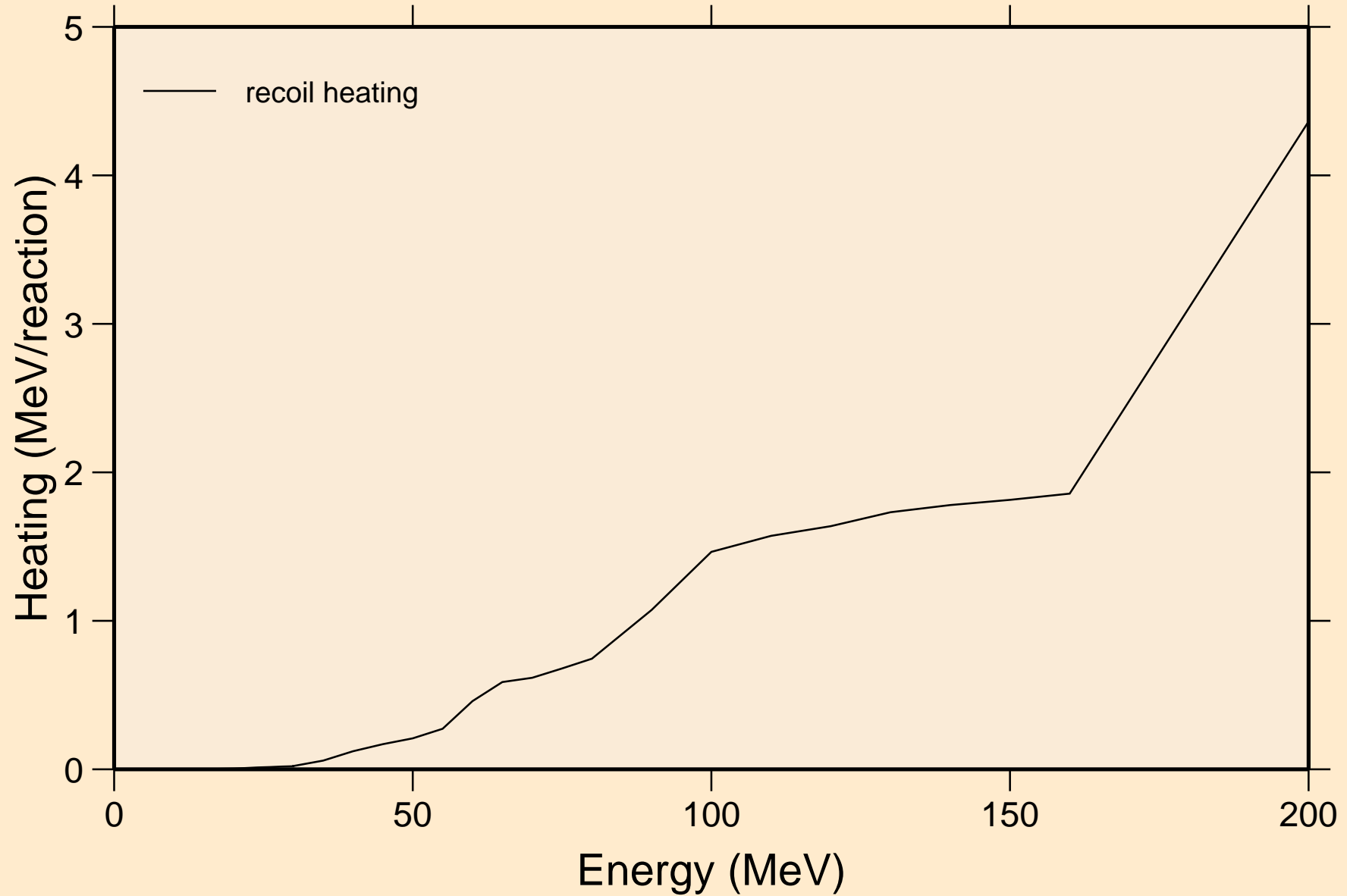


BI222 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Particle heating contributions

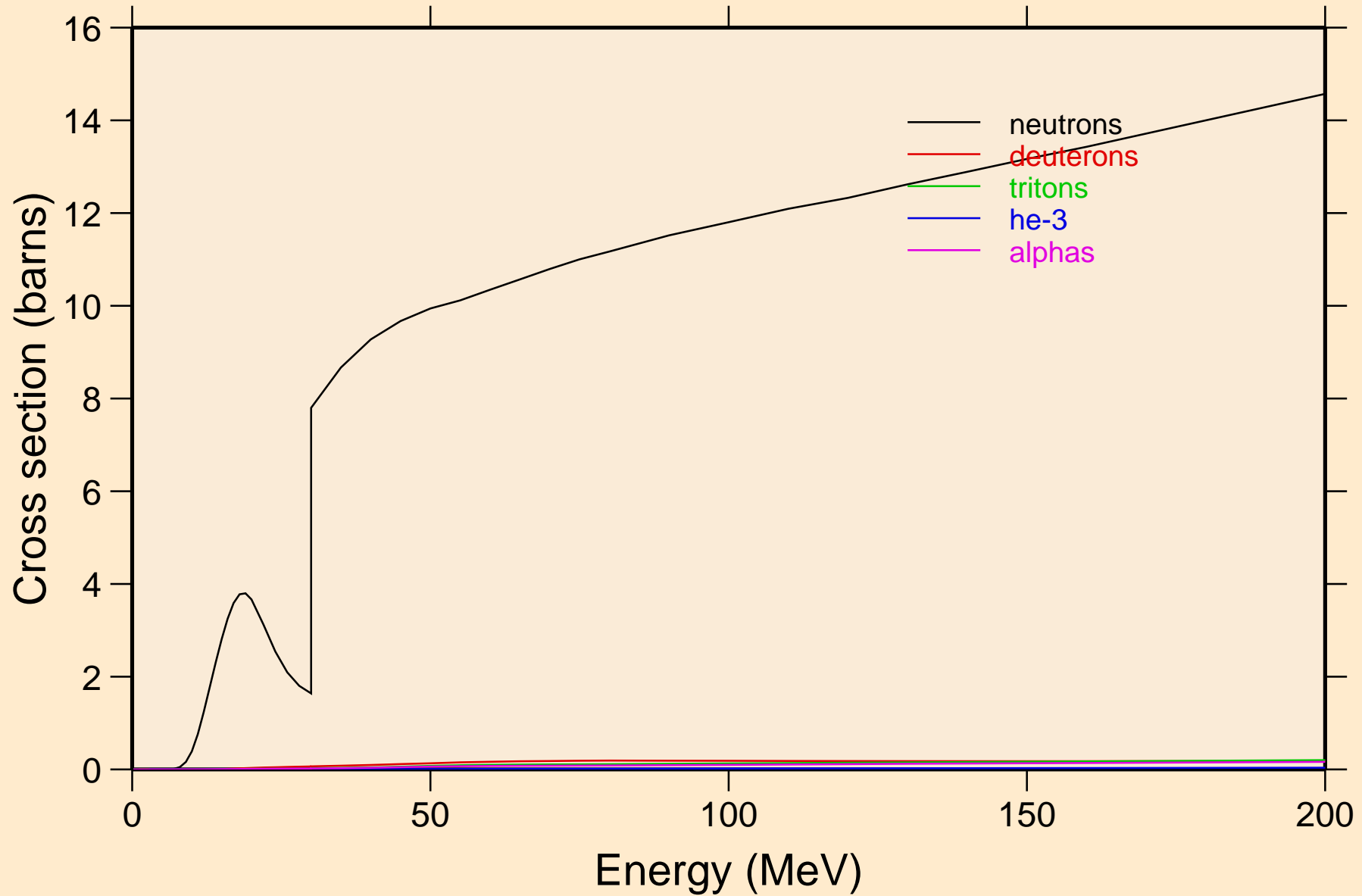


# BI222 PROTON ACER TENDL-2024 LIBRARY; T=0.K

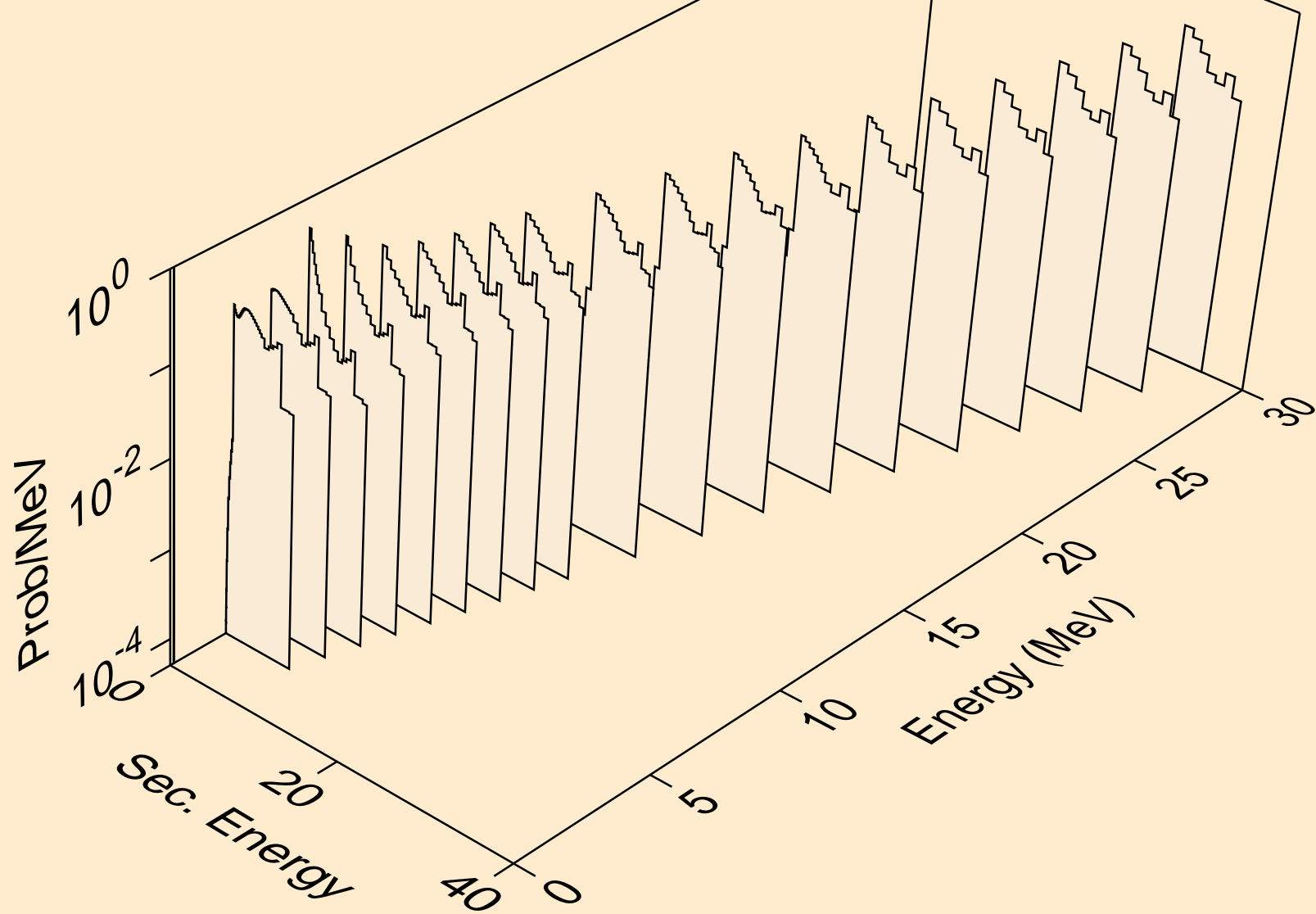
## Recoil Heating



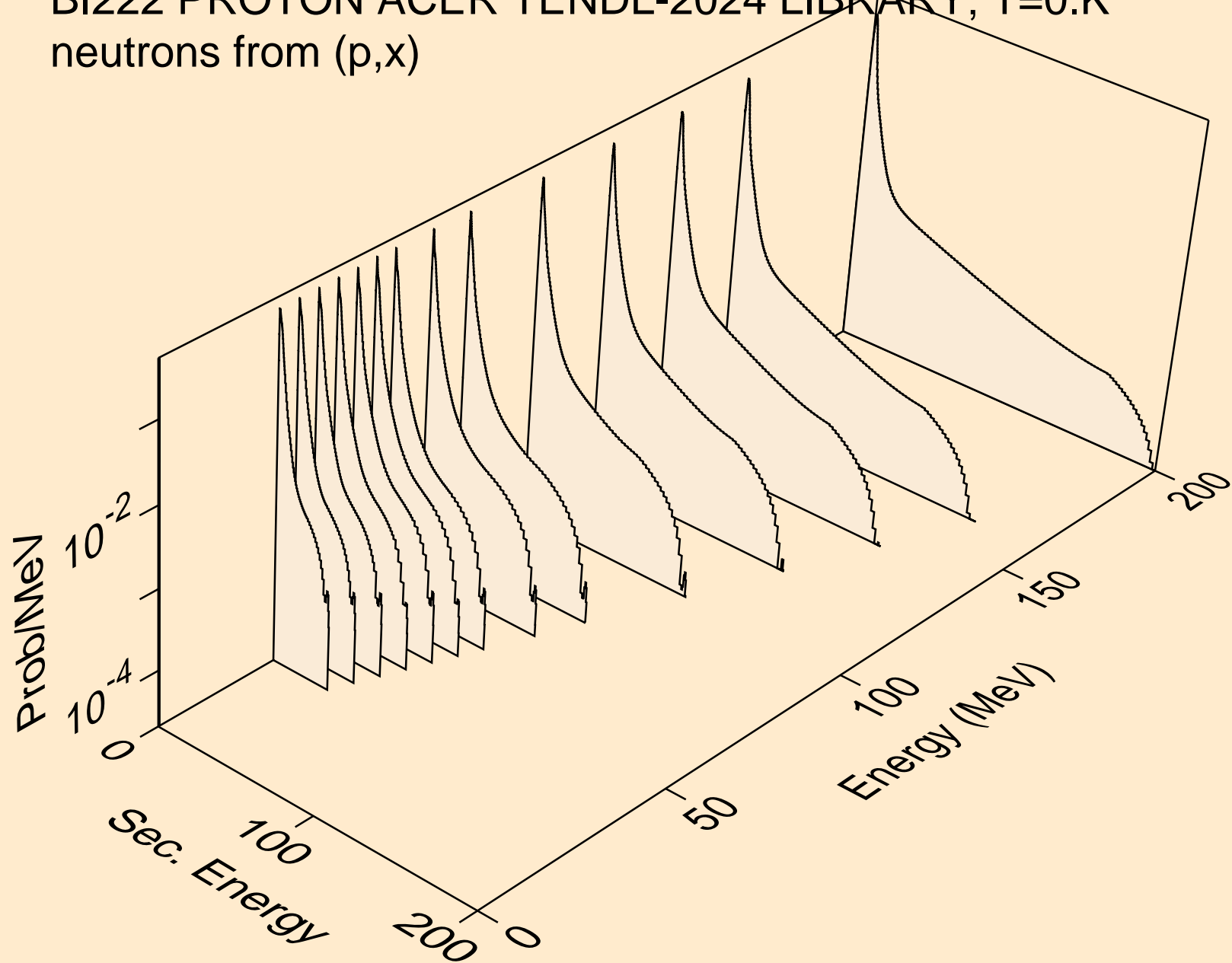
BI222 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



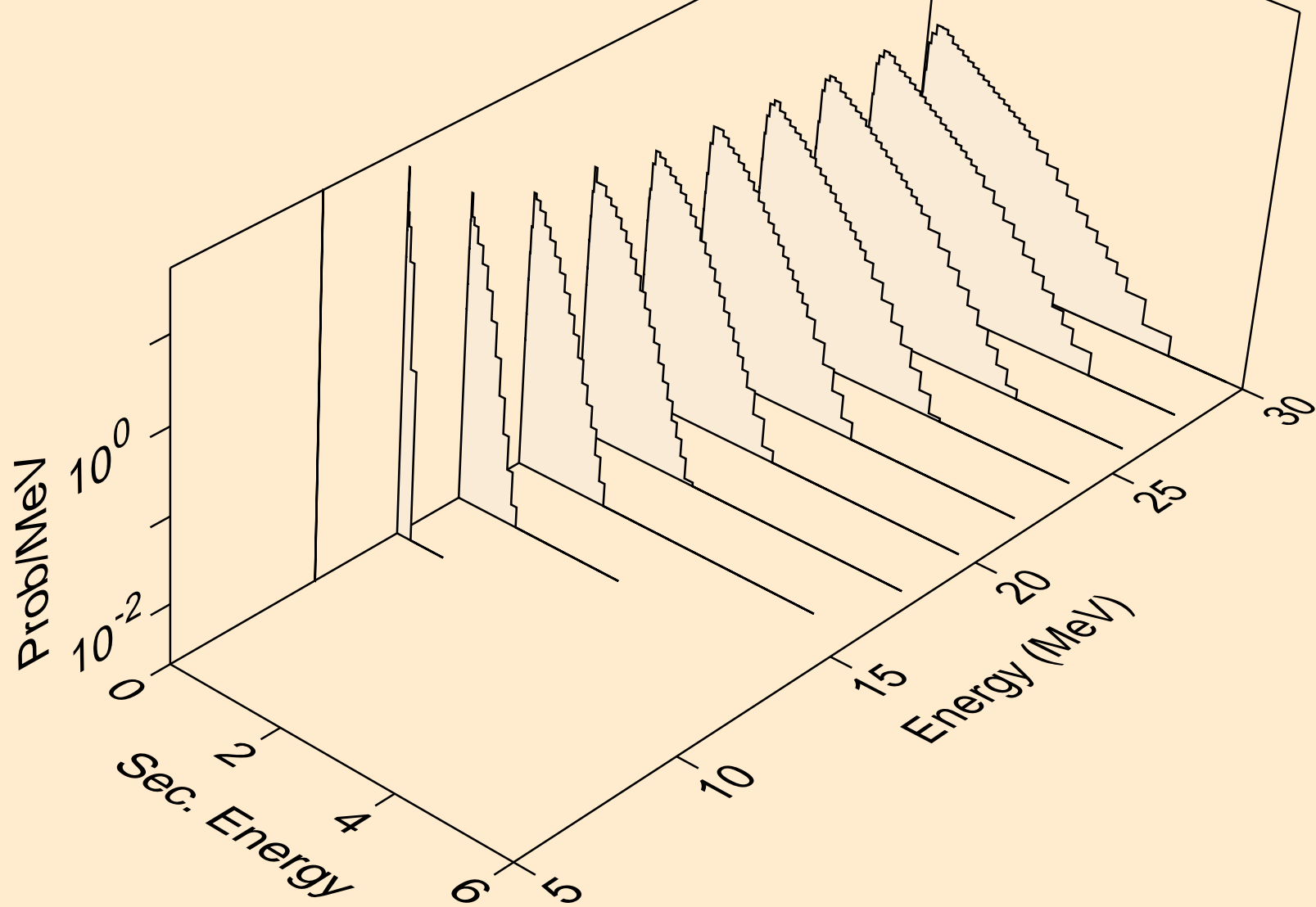
BI222 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n)



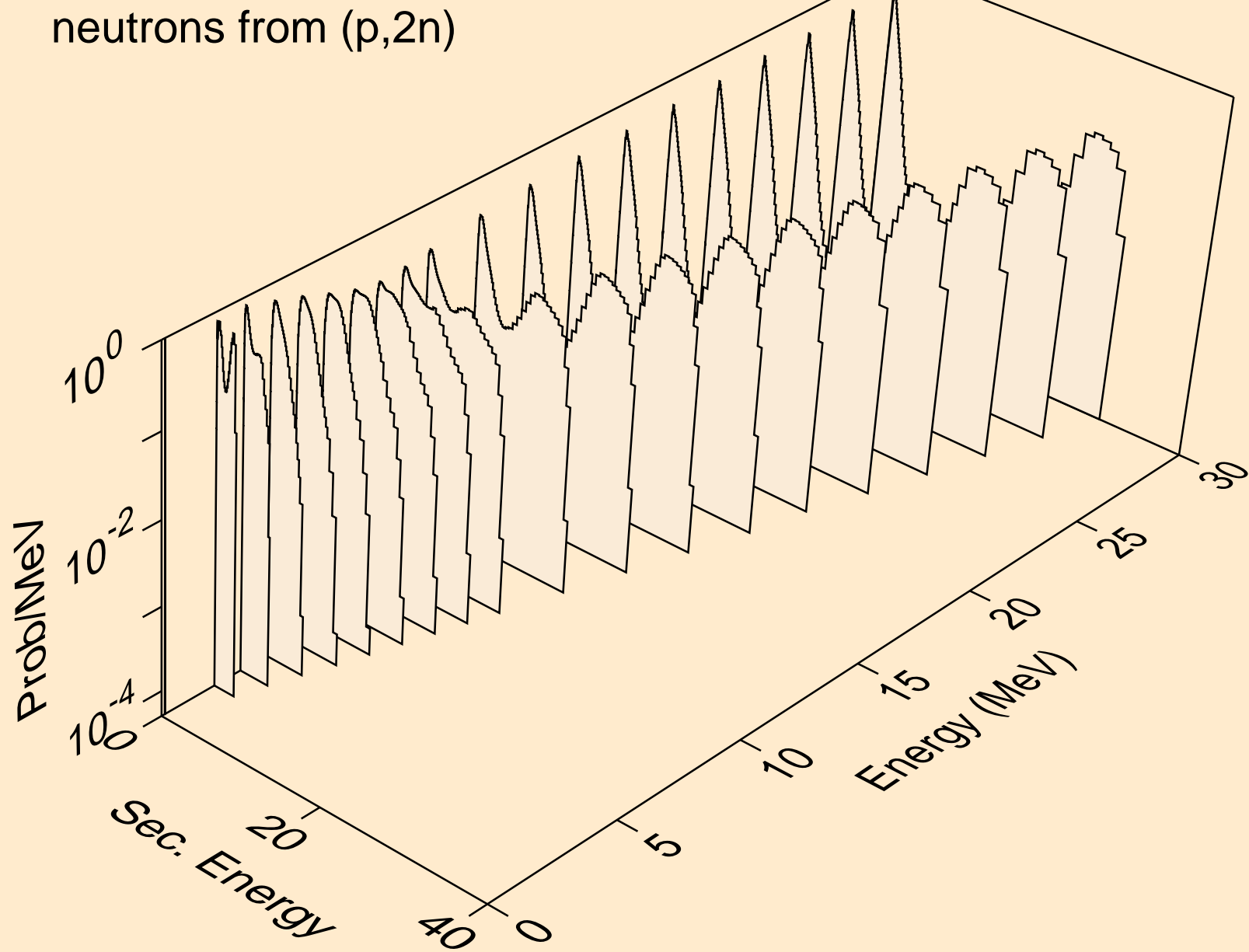
BI222 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,x)



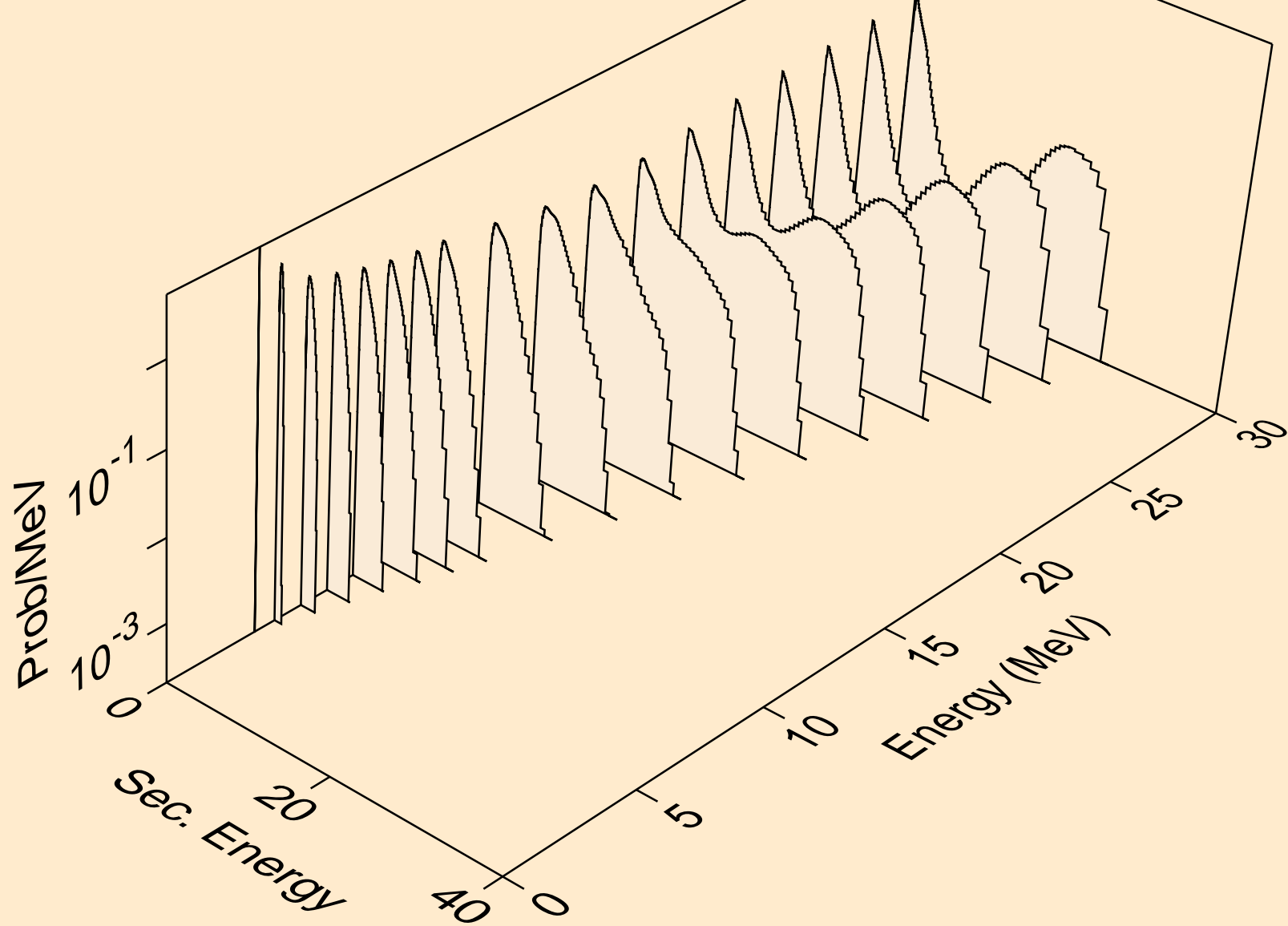
BI222 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,2nd)



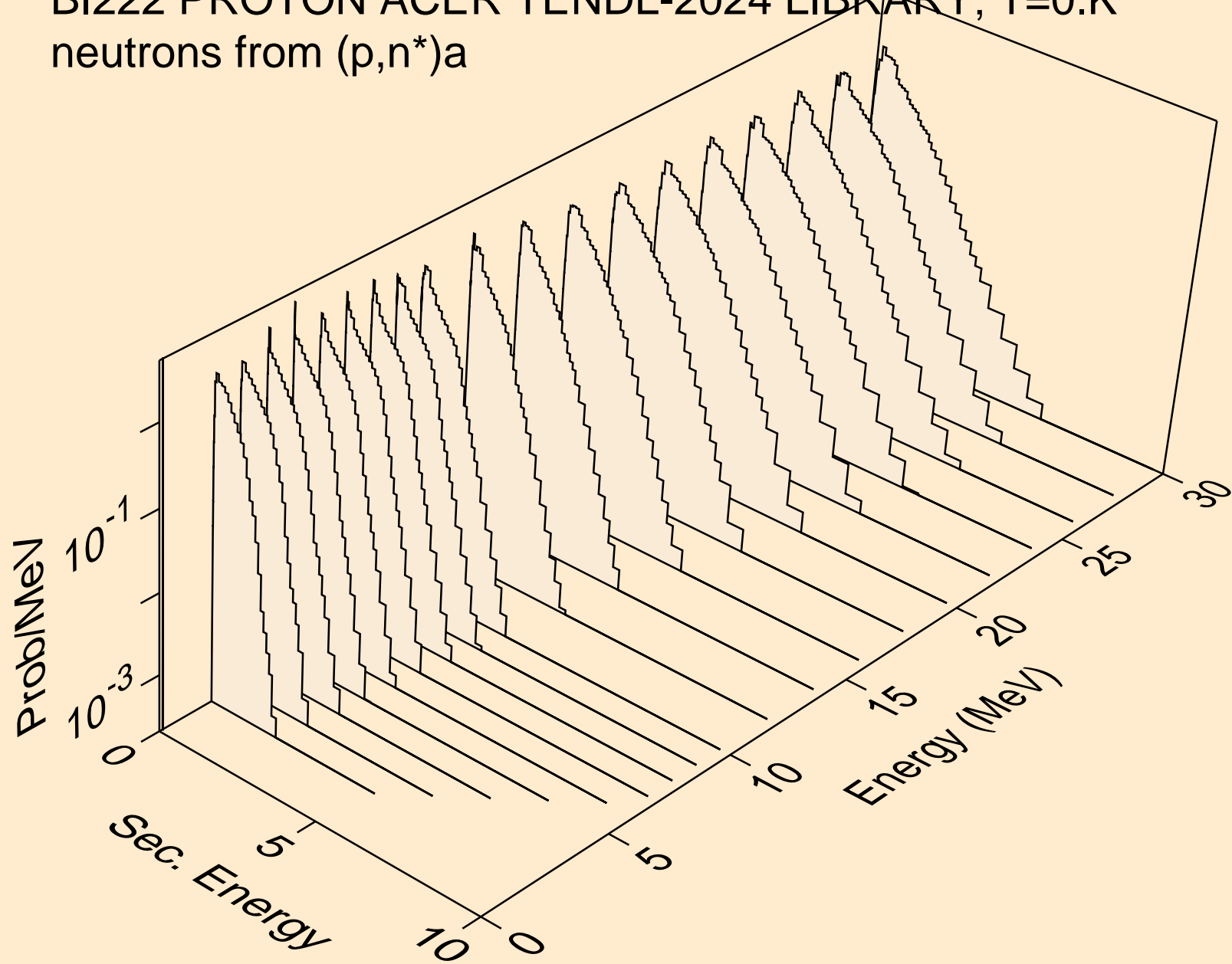
BI222 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,2n)



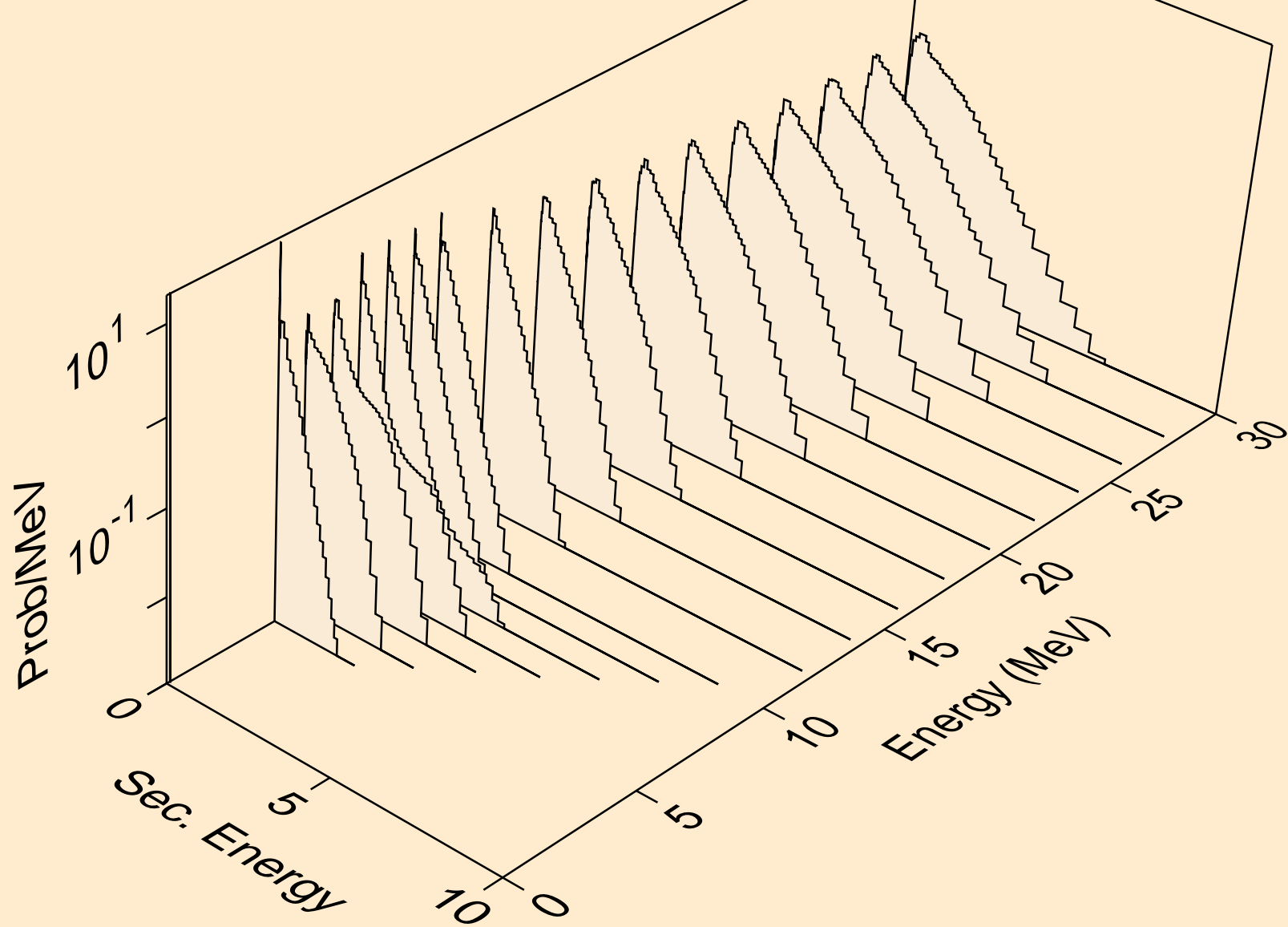
BI222 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,3n)



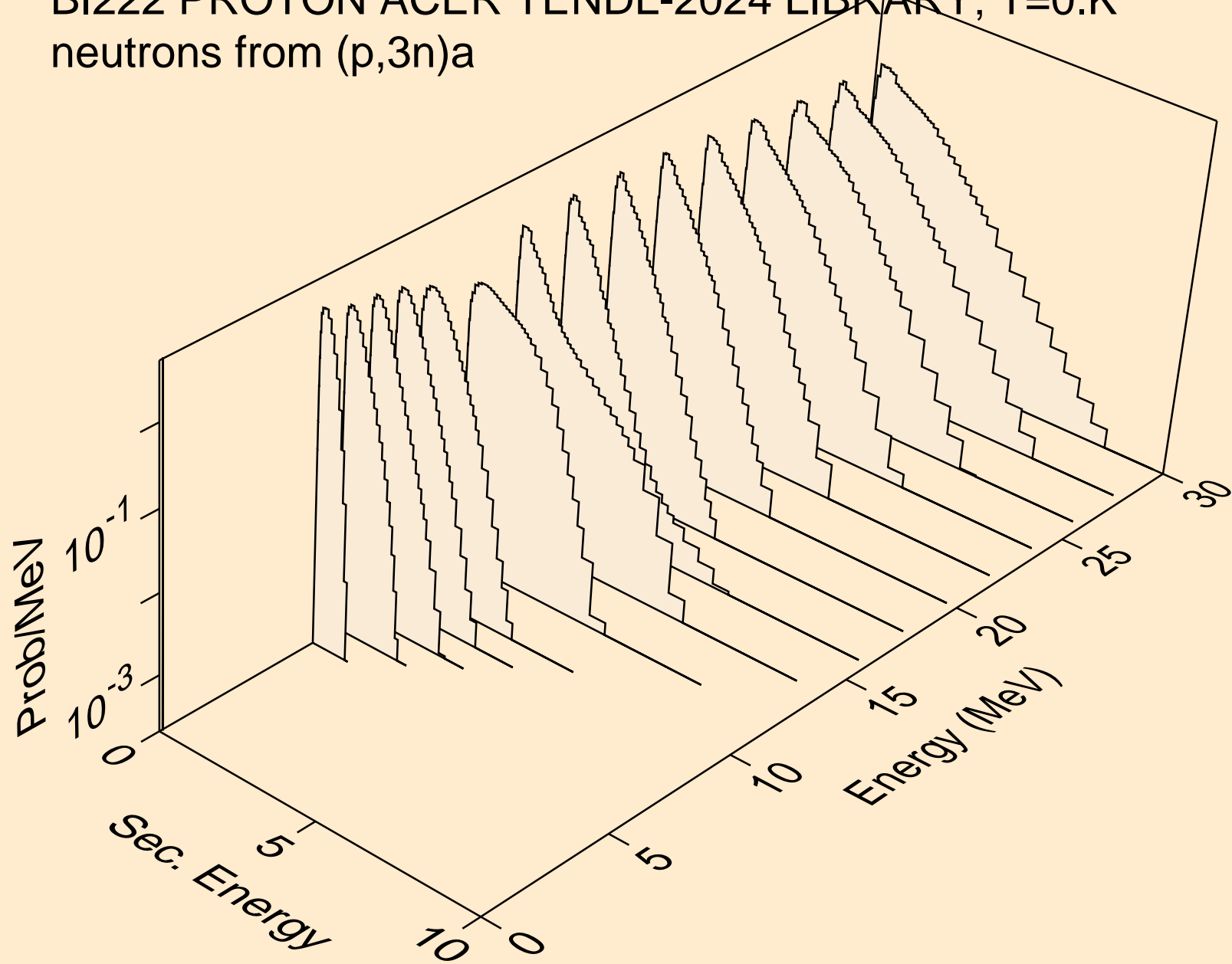
BI222 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)a



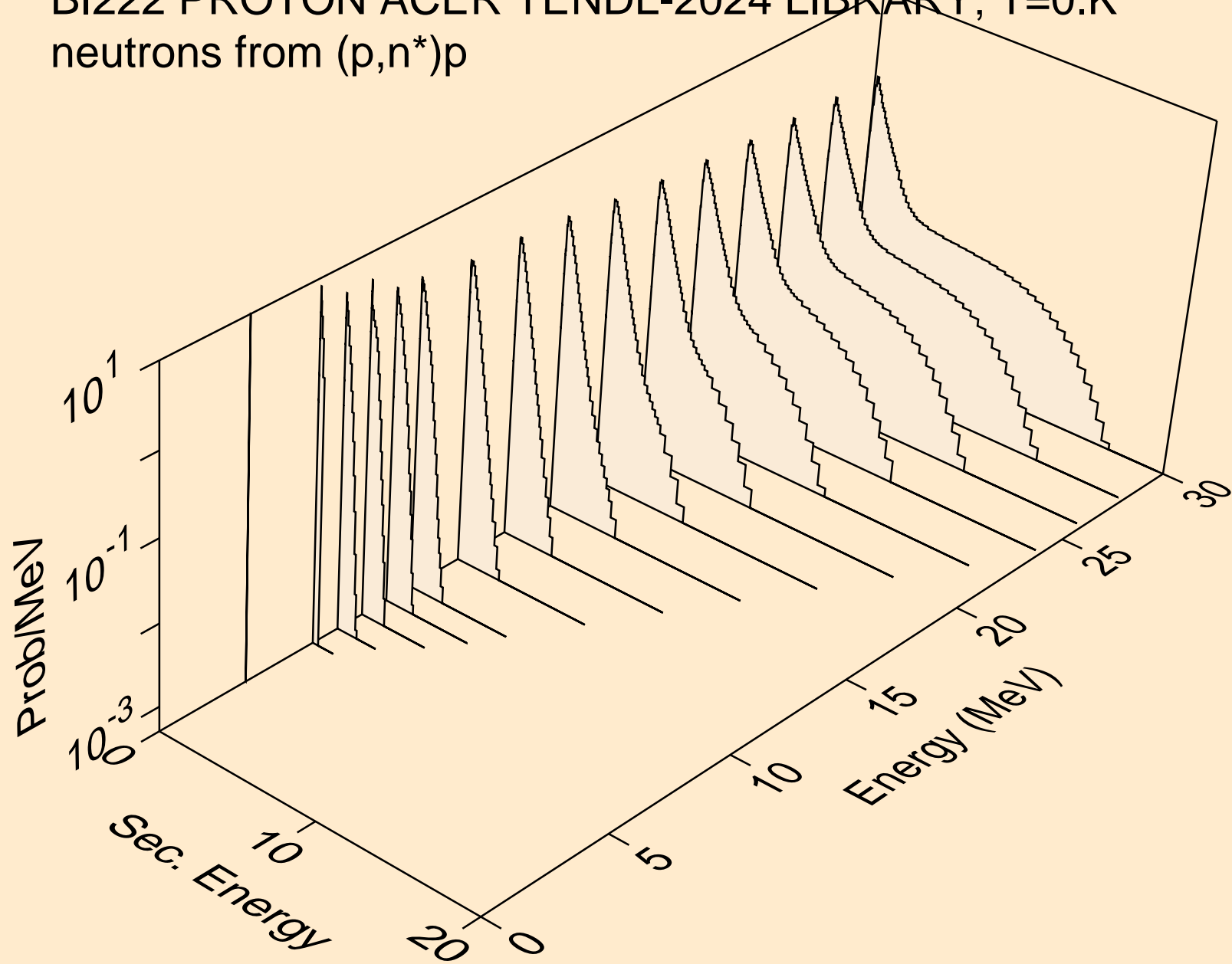
BI222 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,2n)a



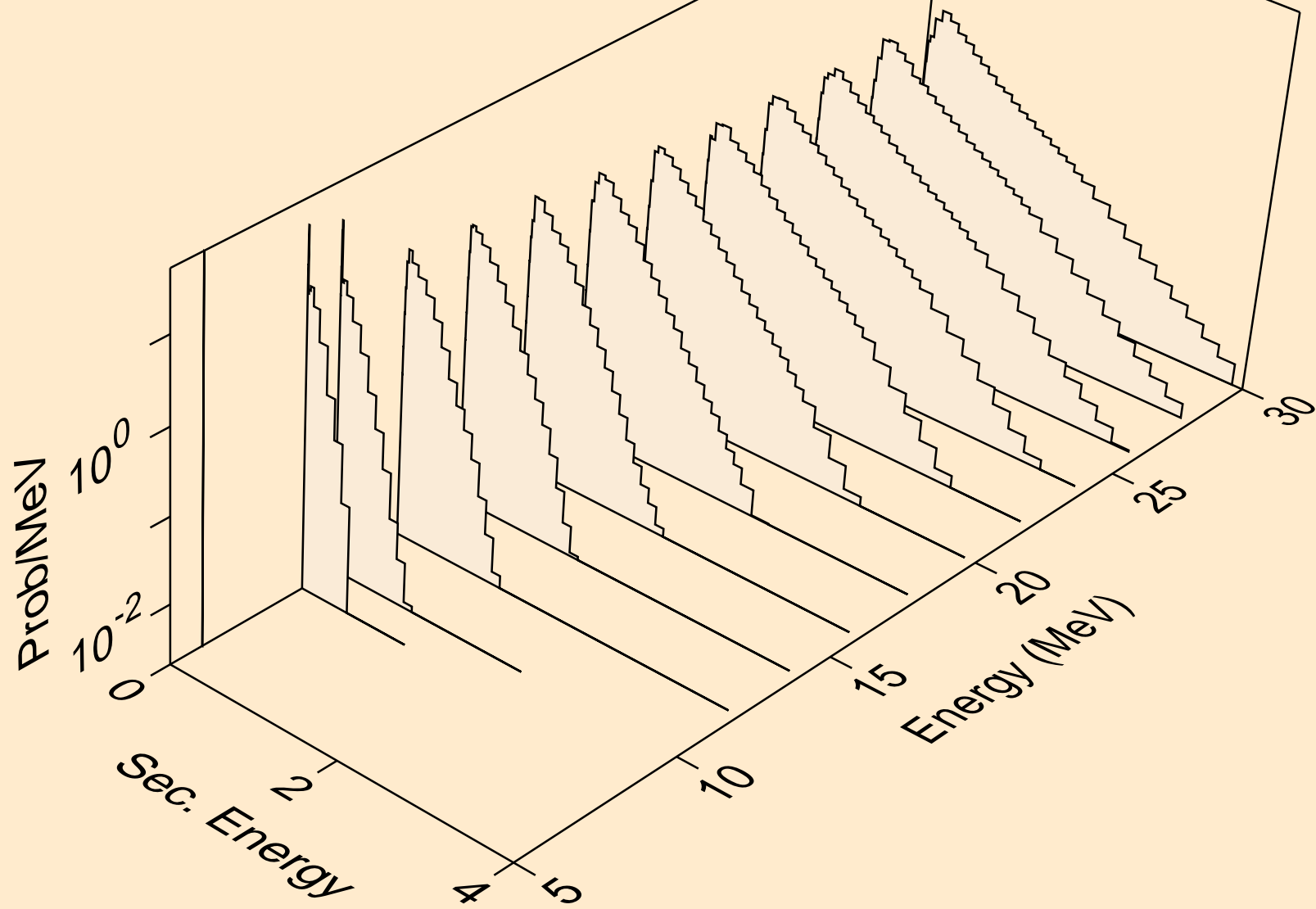
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neutrons from (p,3n)a



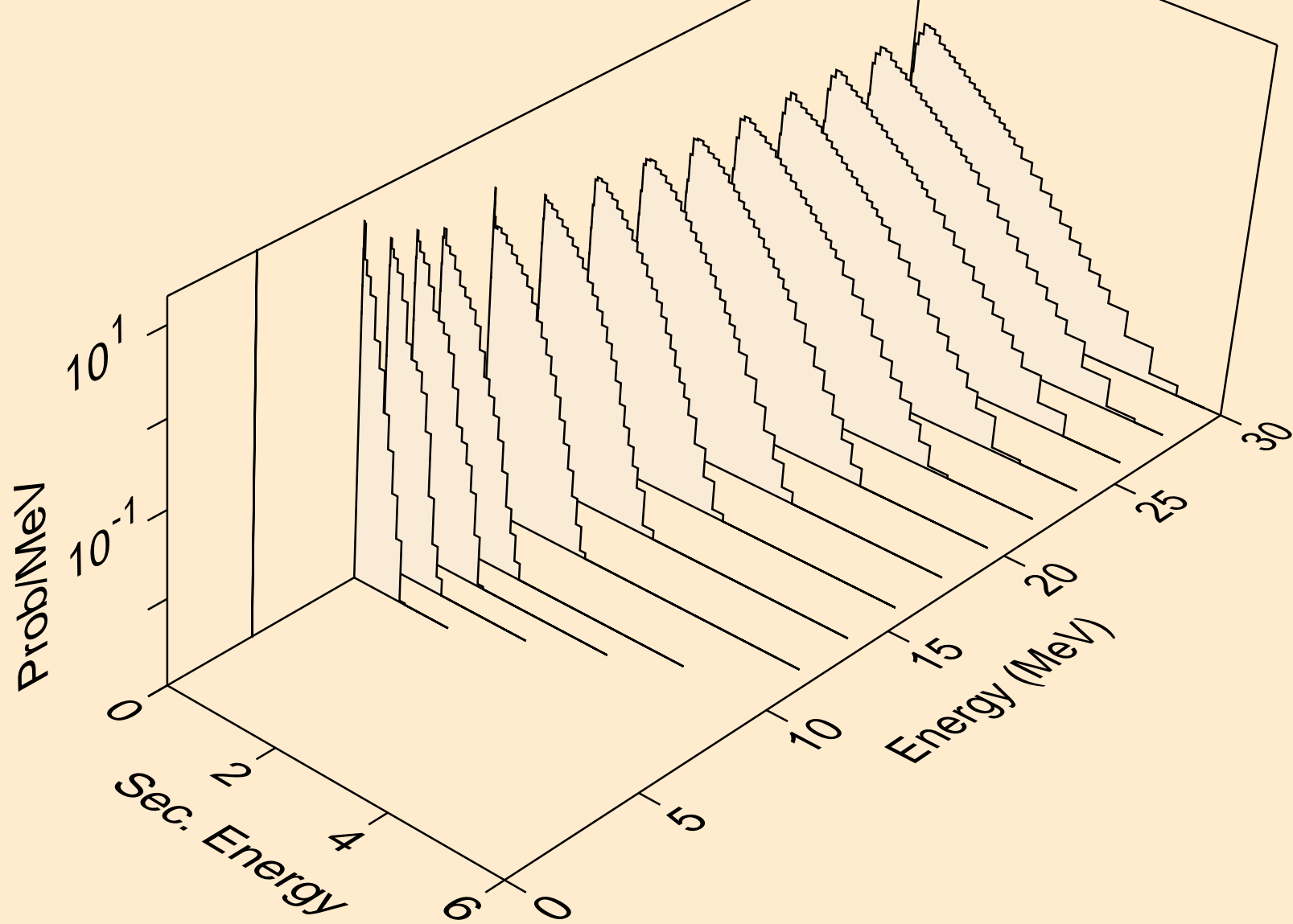
BI222 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)p



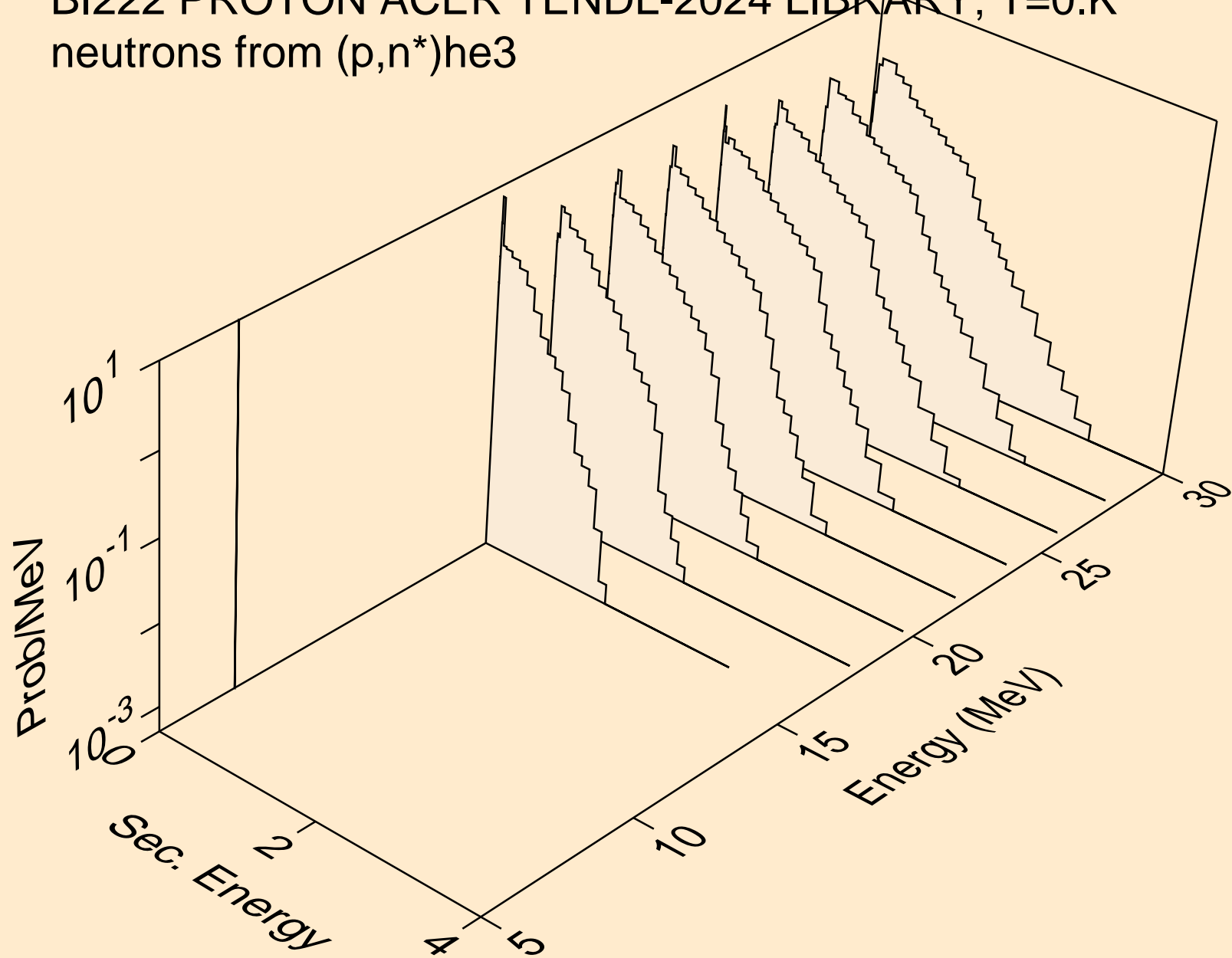
BI222 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)d



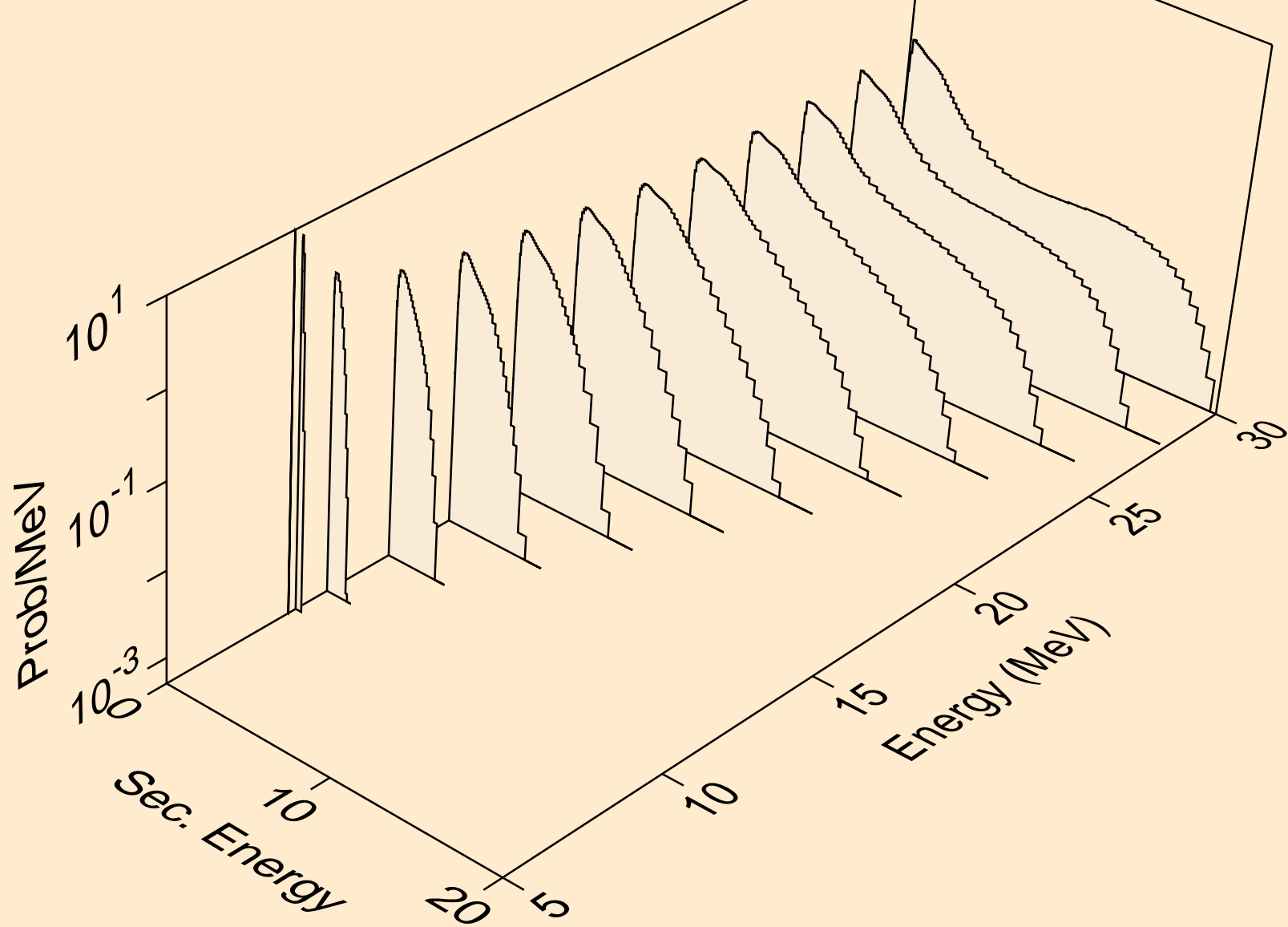
BI222 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)t



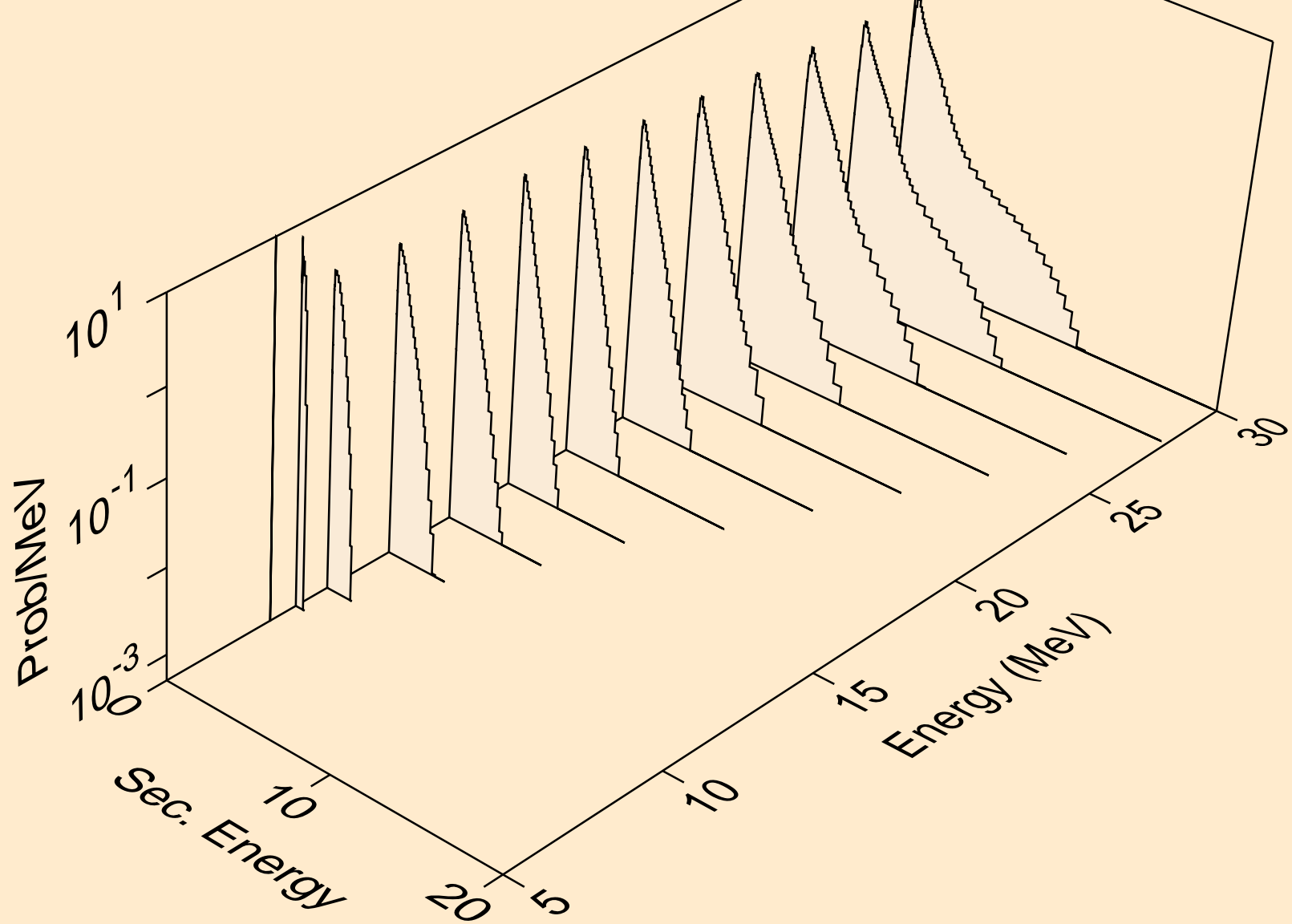
BI222 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



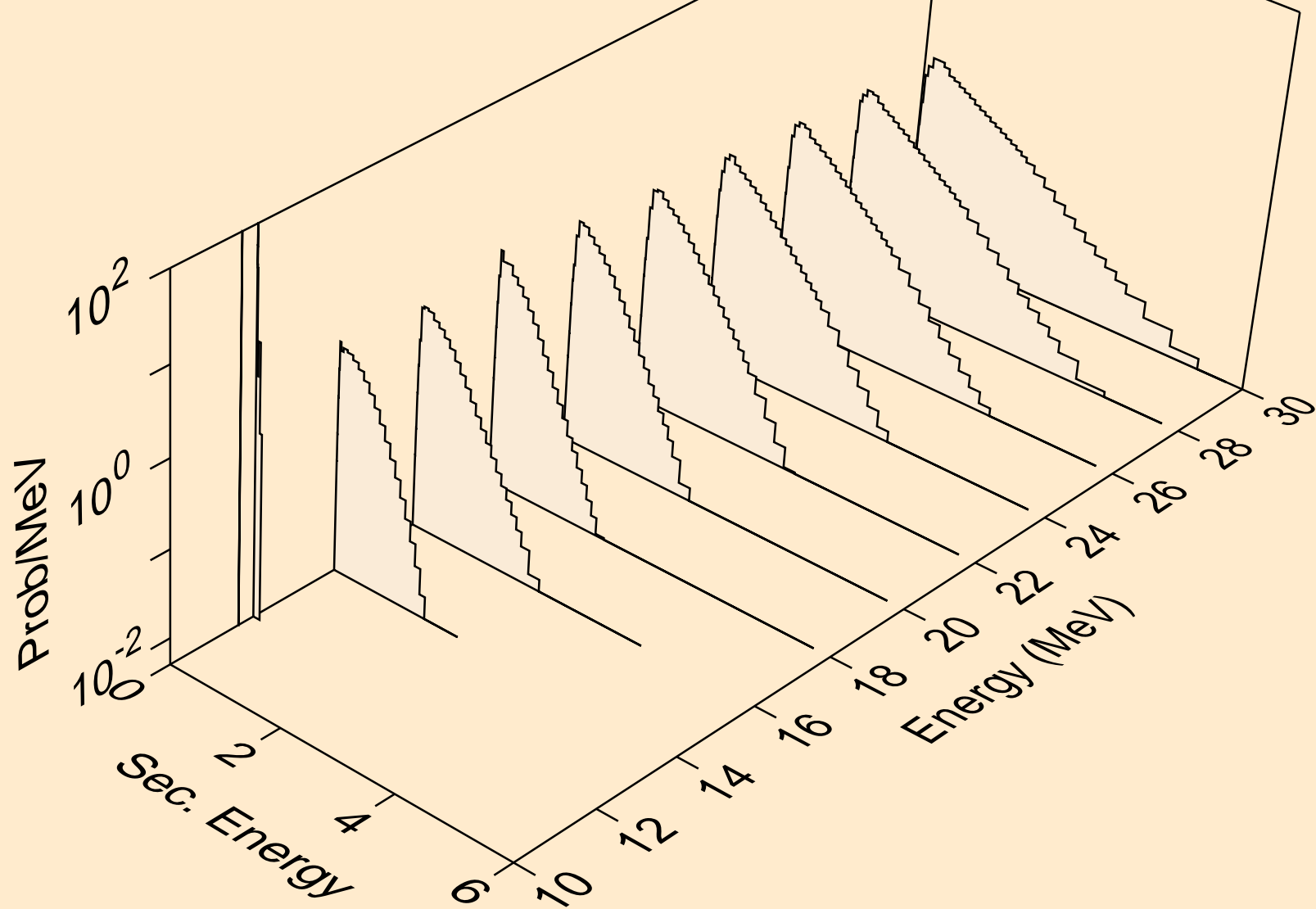
BI222 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,4n)



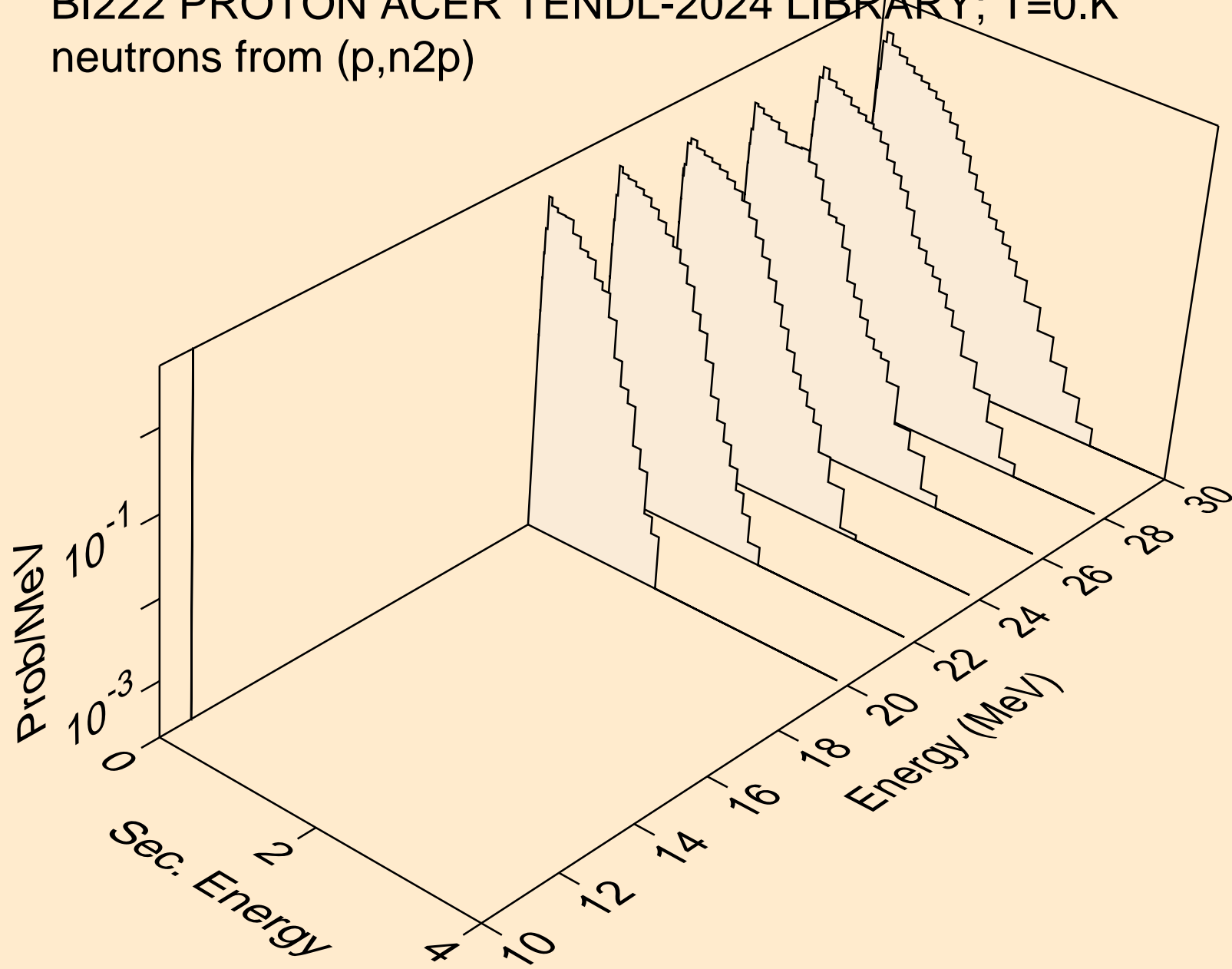
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neutrons from (p,2np)



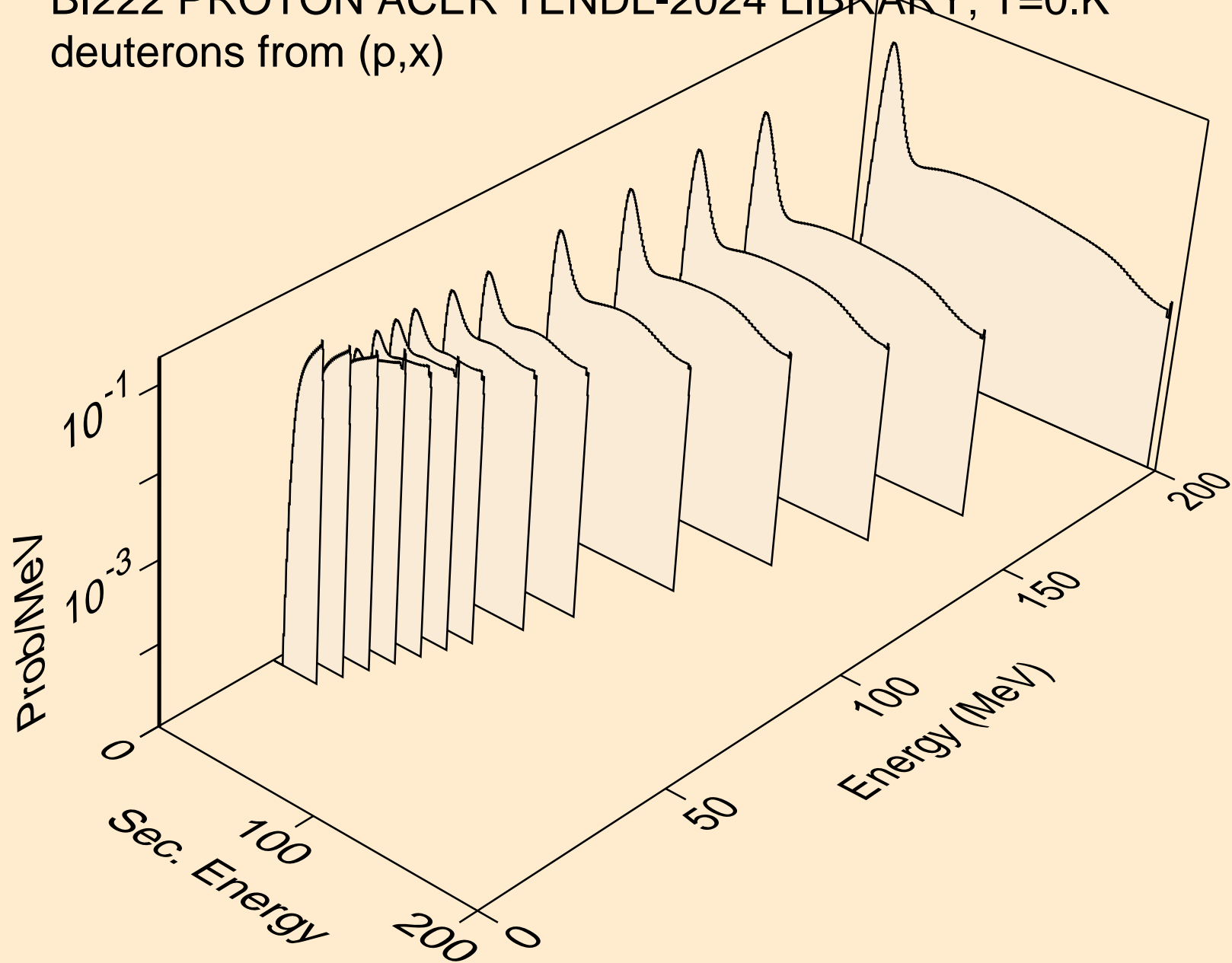
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neutrons from (p,3np)



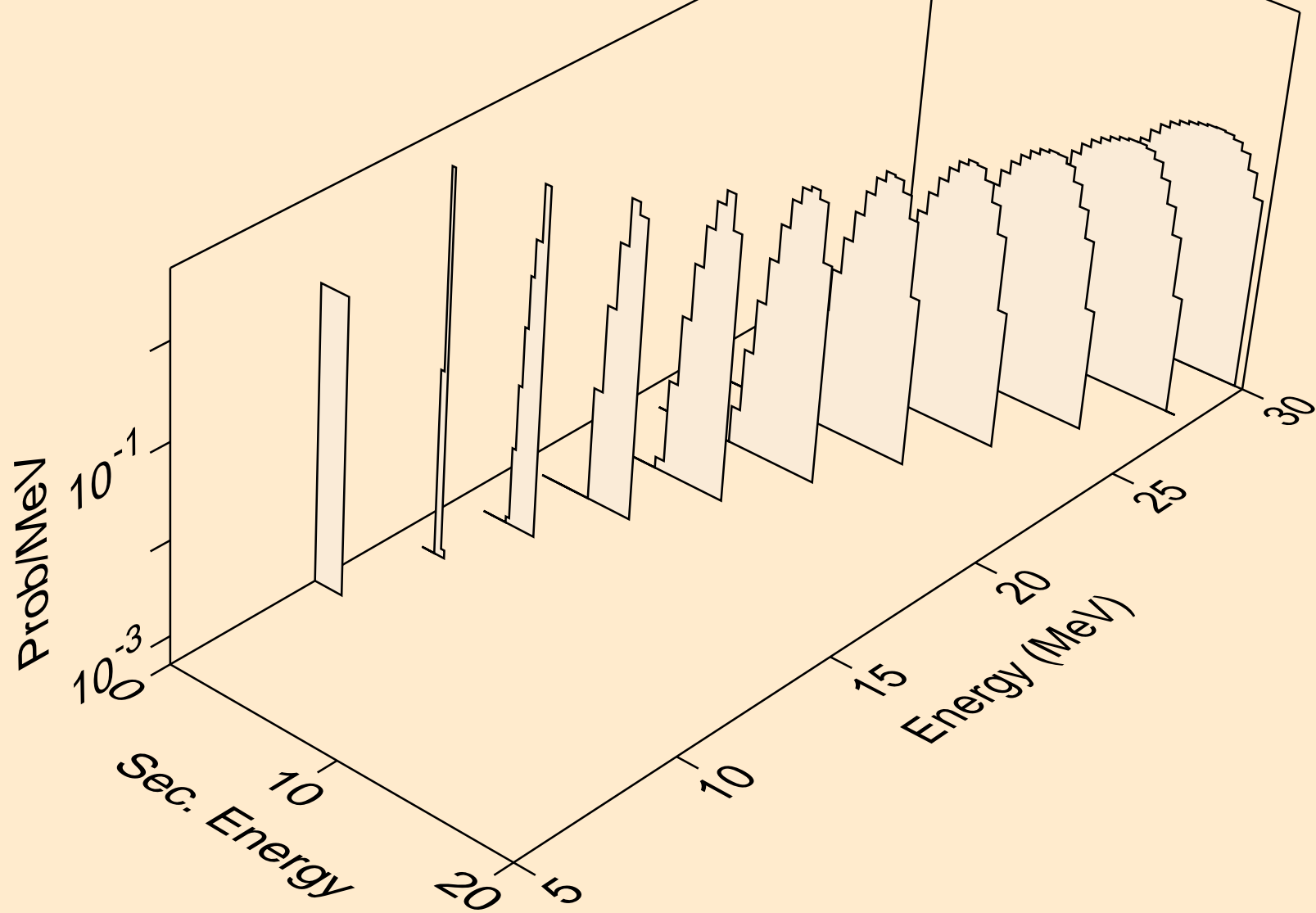
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neutrons from (p,n2p)



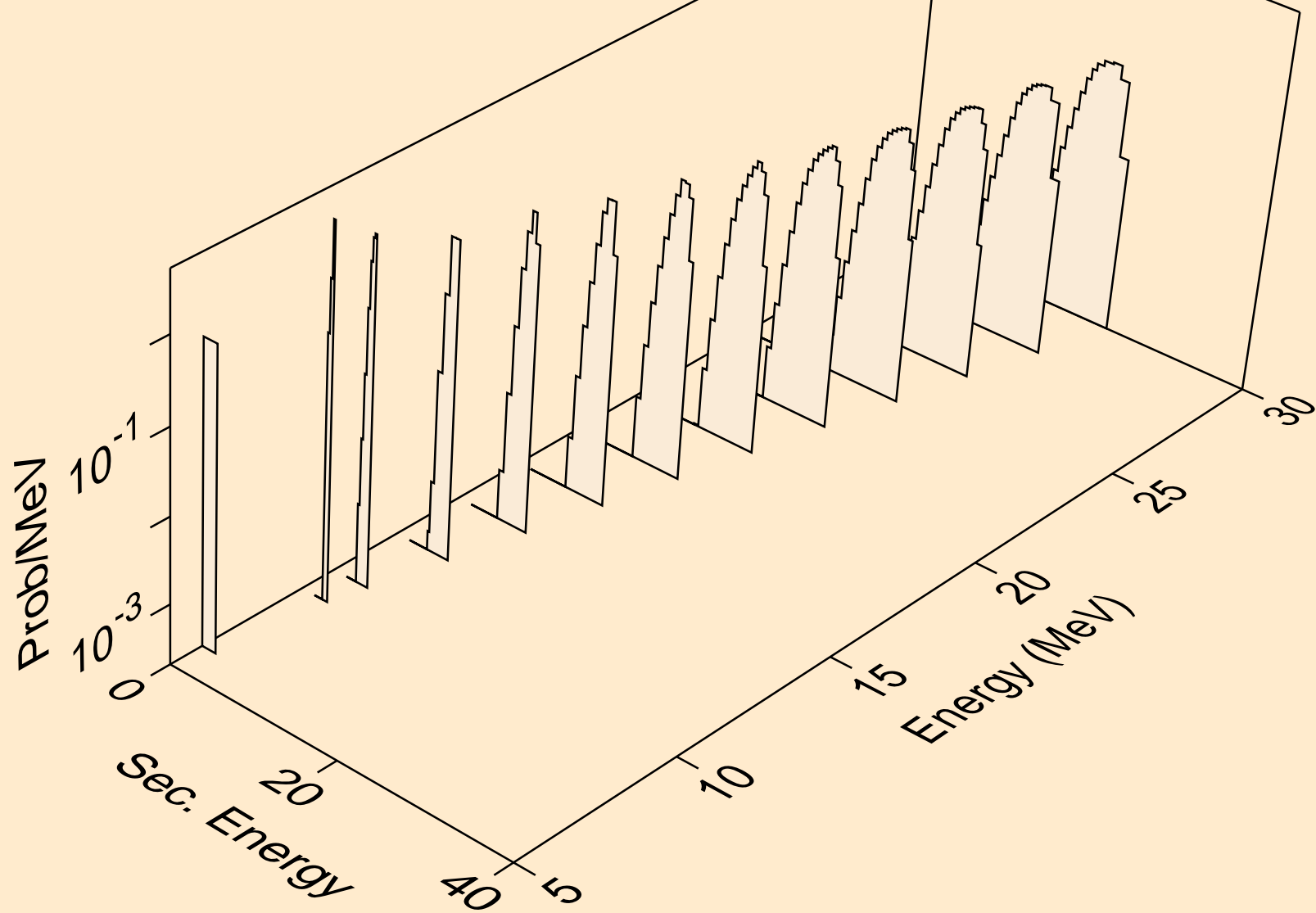
BI222 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (p,x)



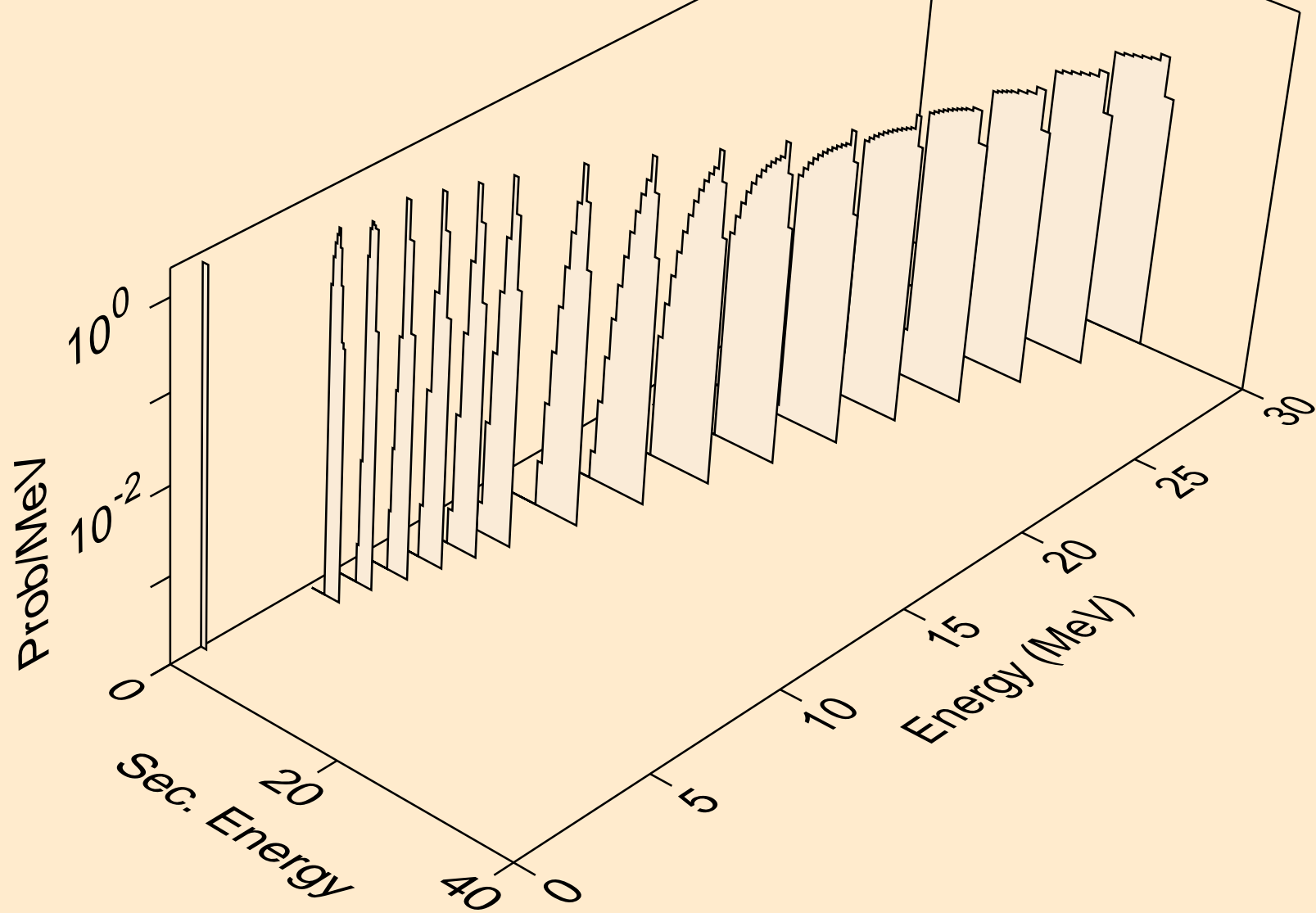
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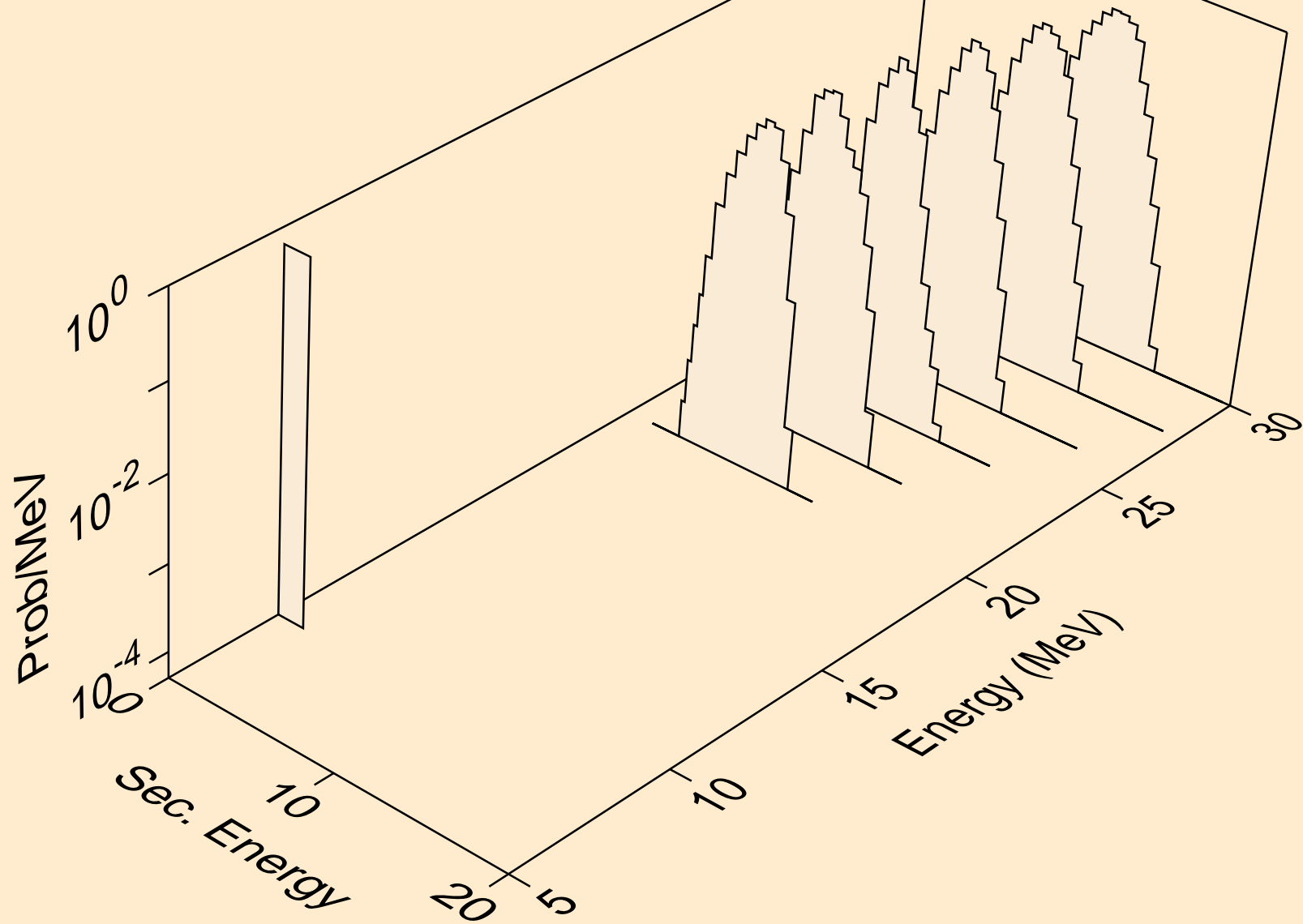
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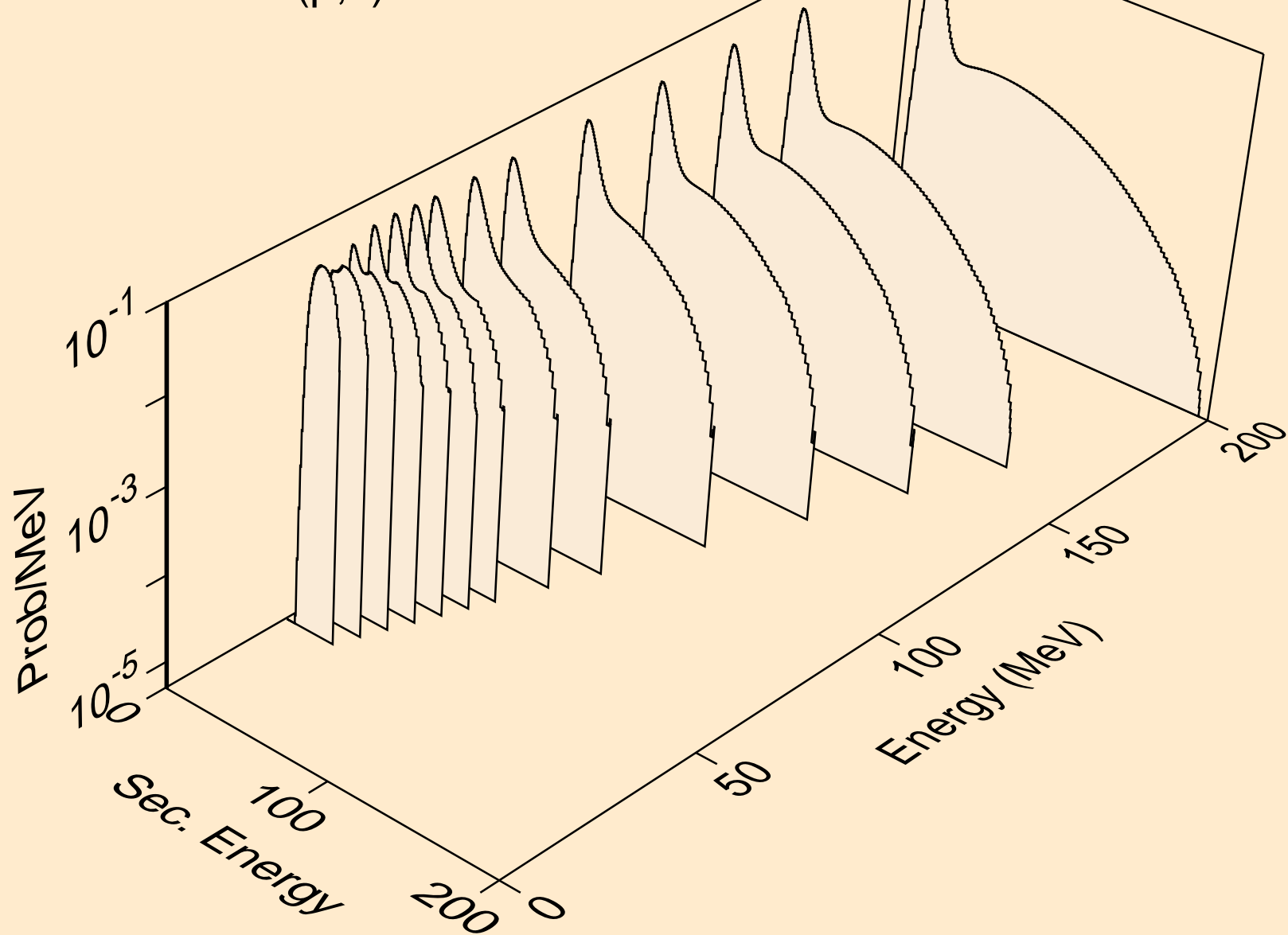
BI222 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (p,d)



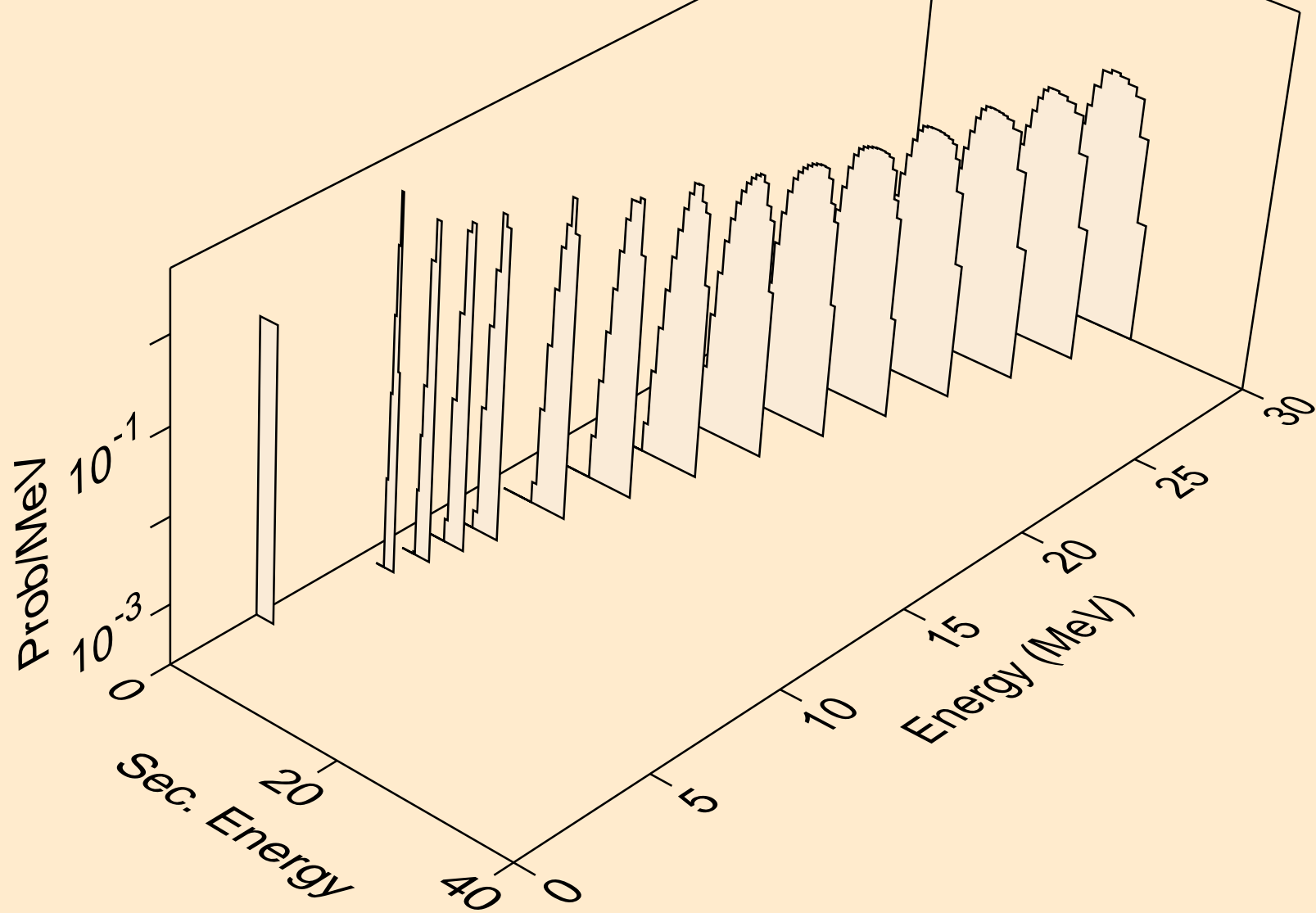
BI222 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (p,pd)



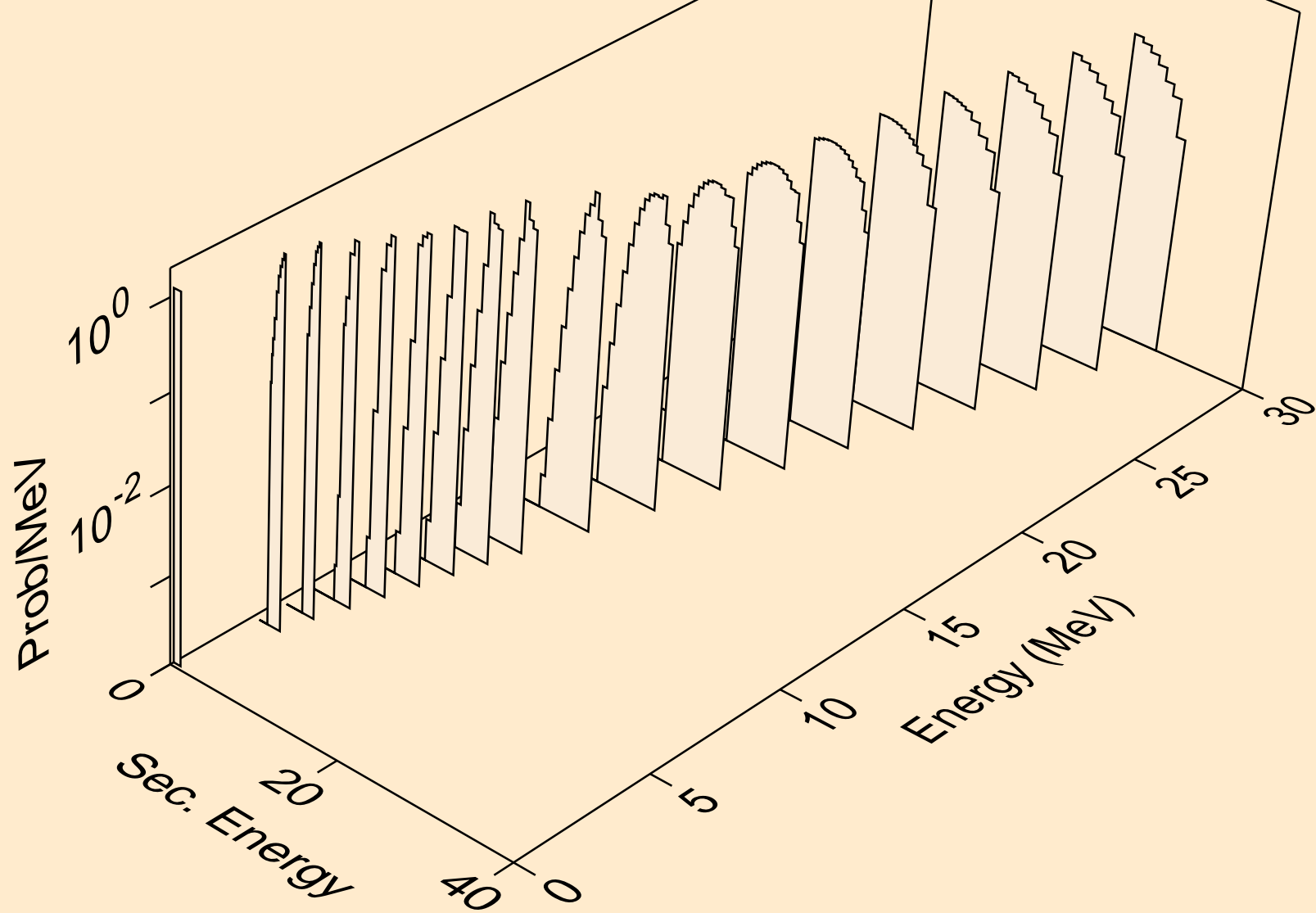
BI222 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (p,x)



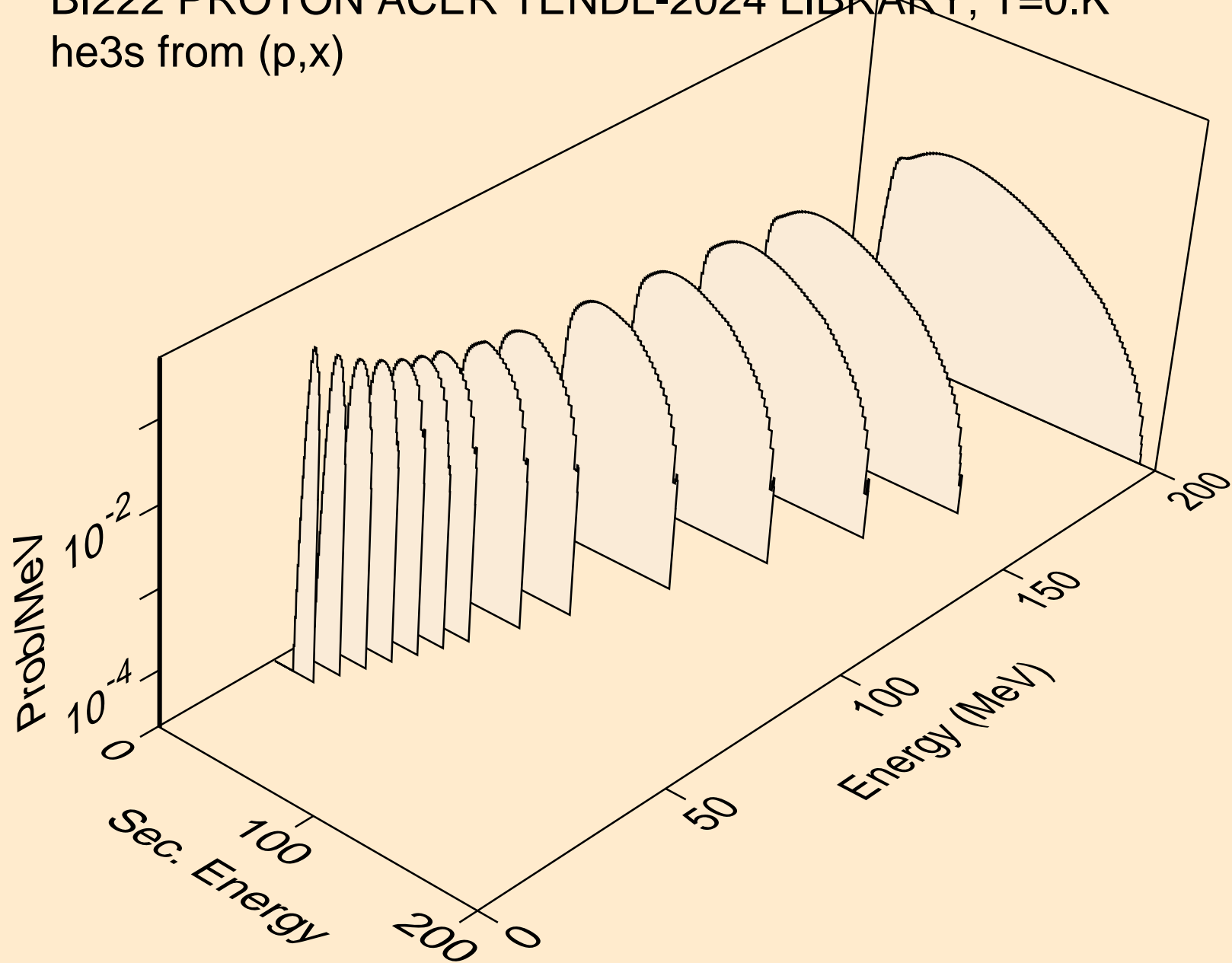
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tritons from (p,n\*)t



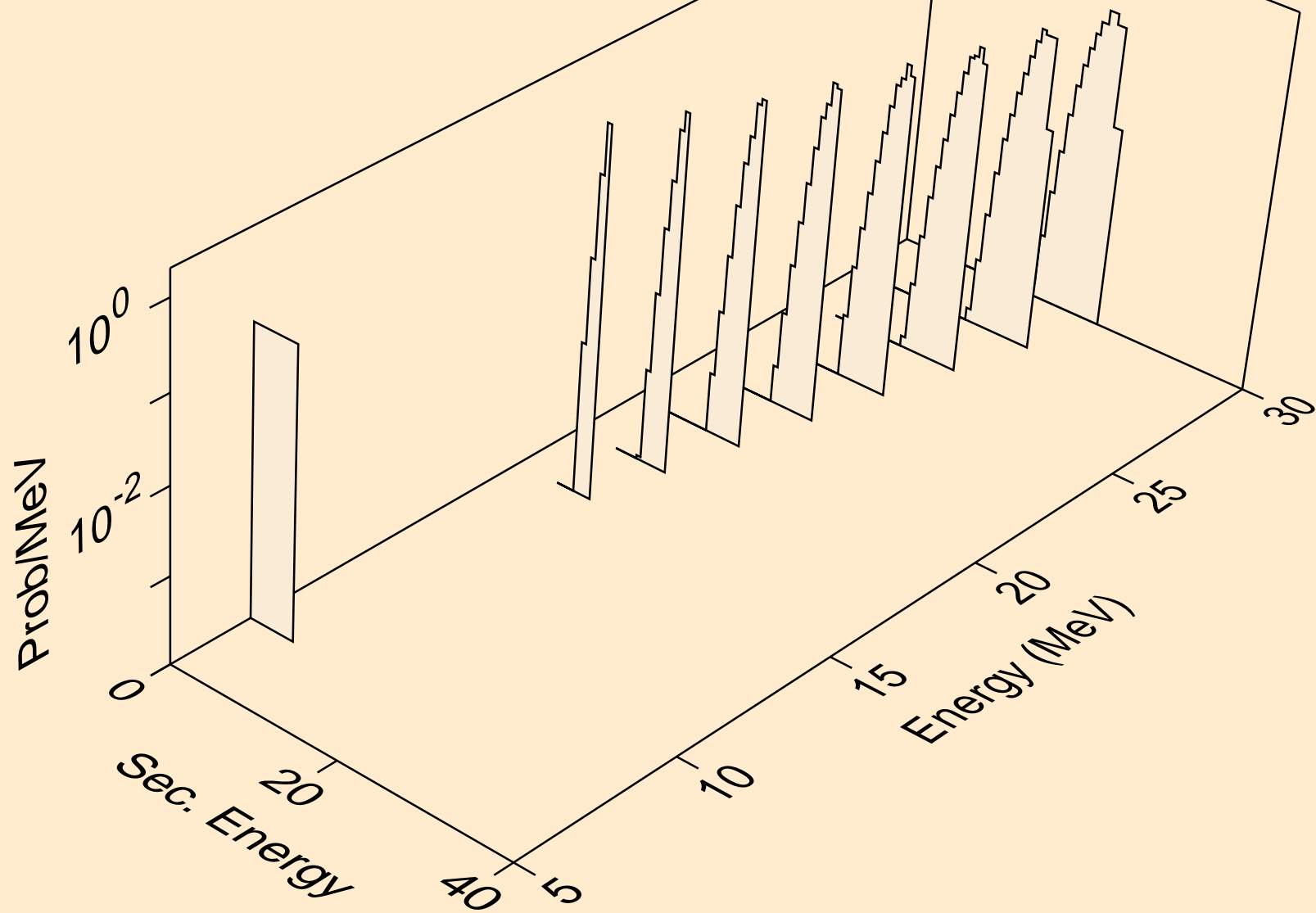
BI222 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (p,t)



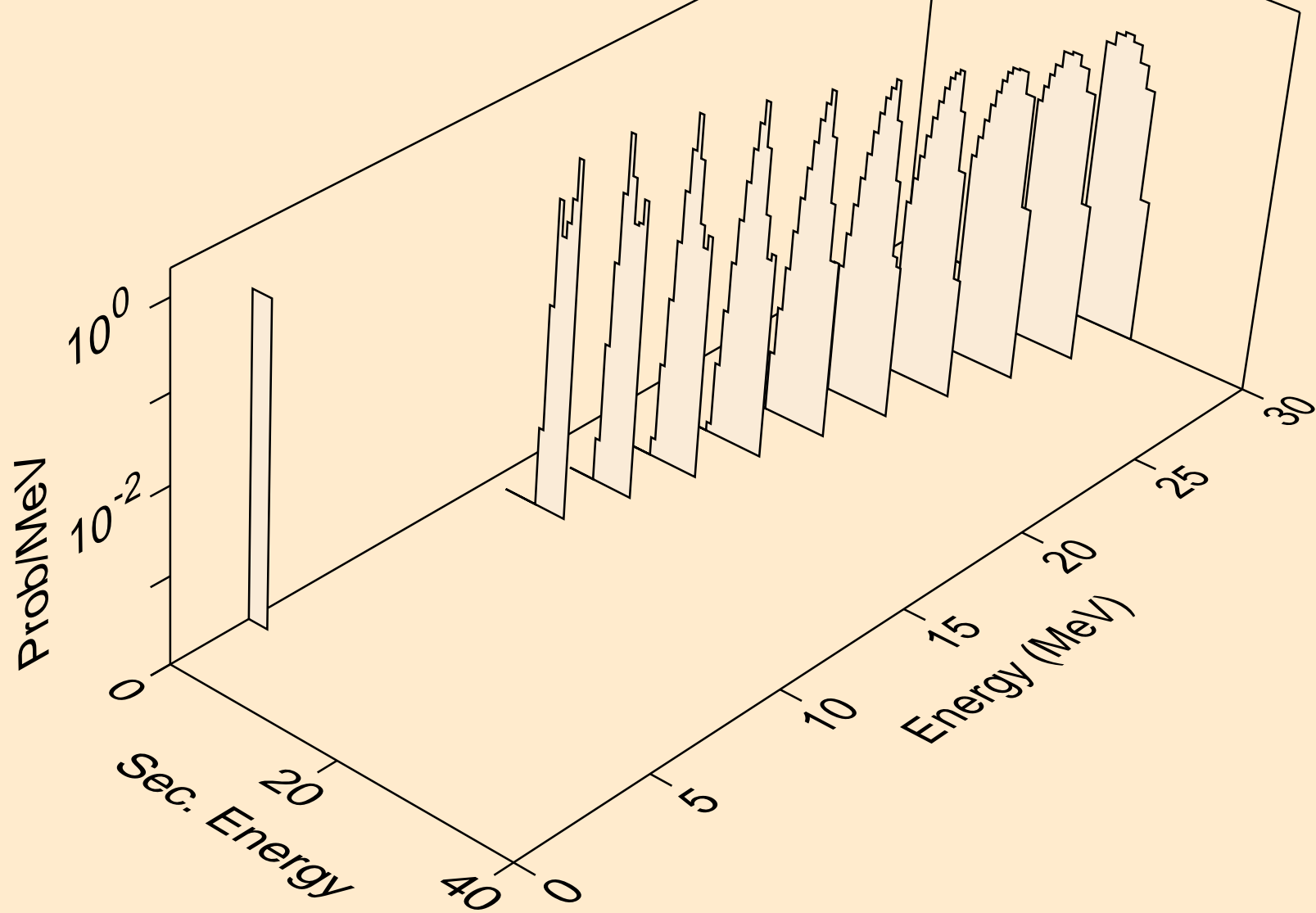
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he3s from (p,x)



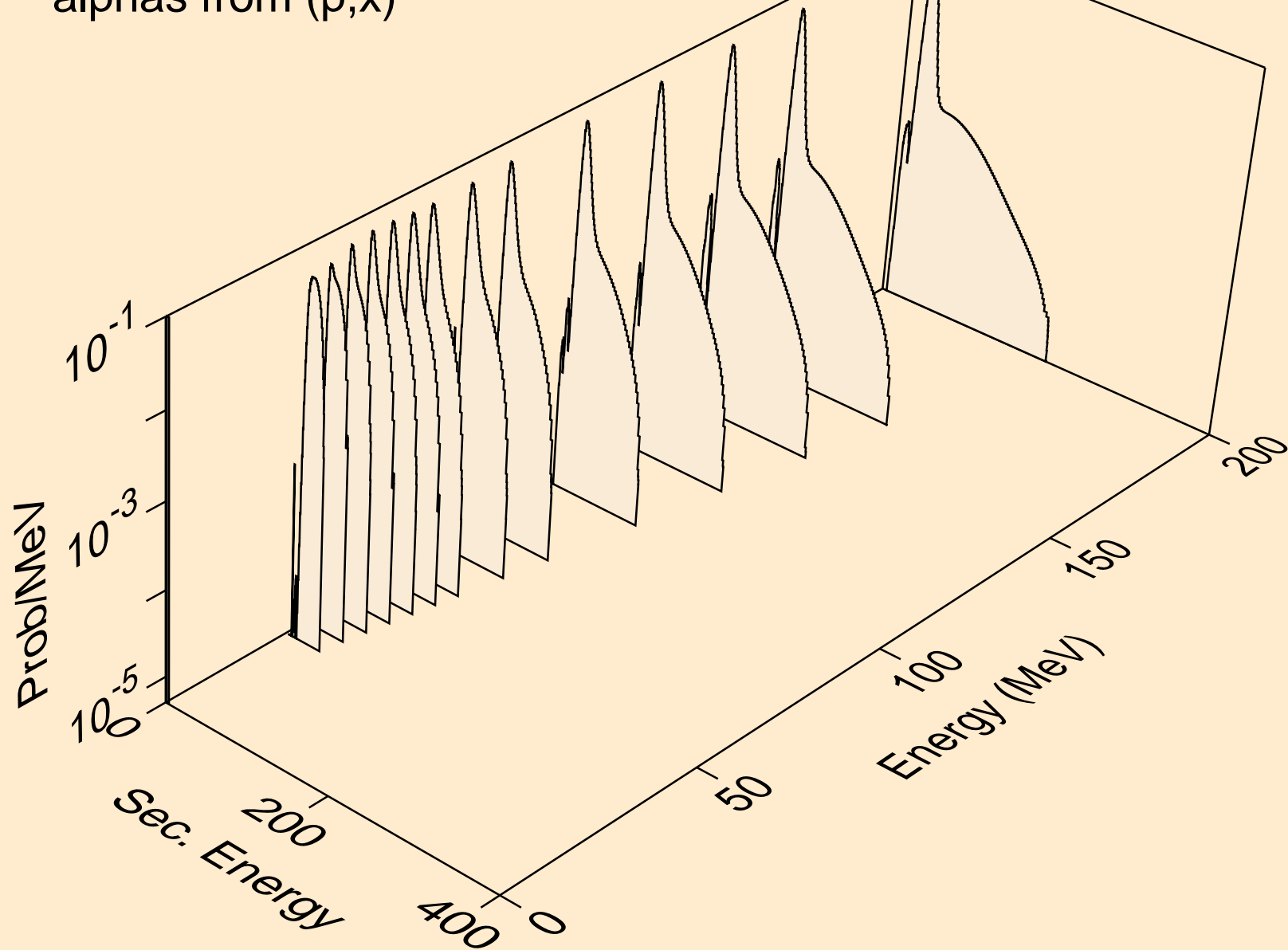
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he3s from (p,n\*)he3



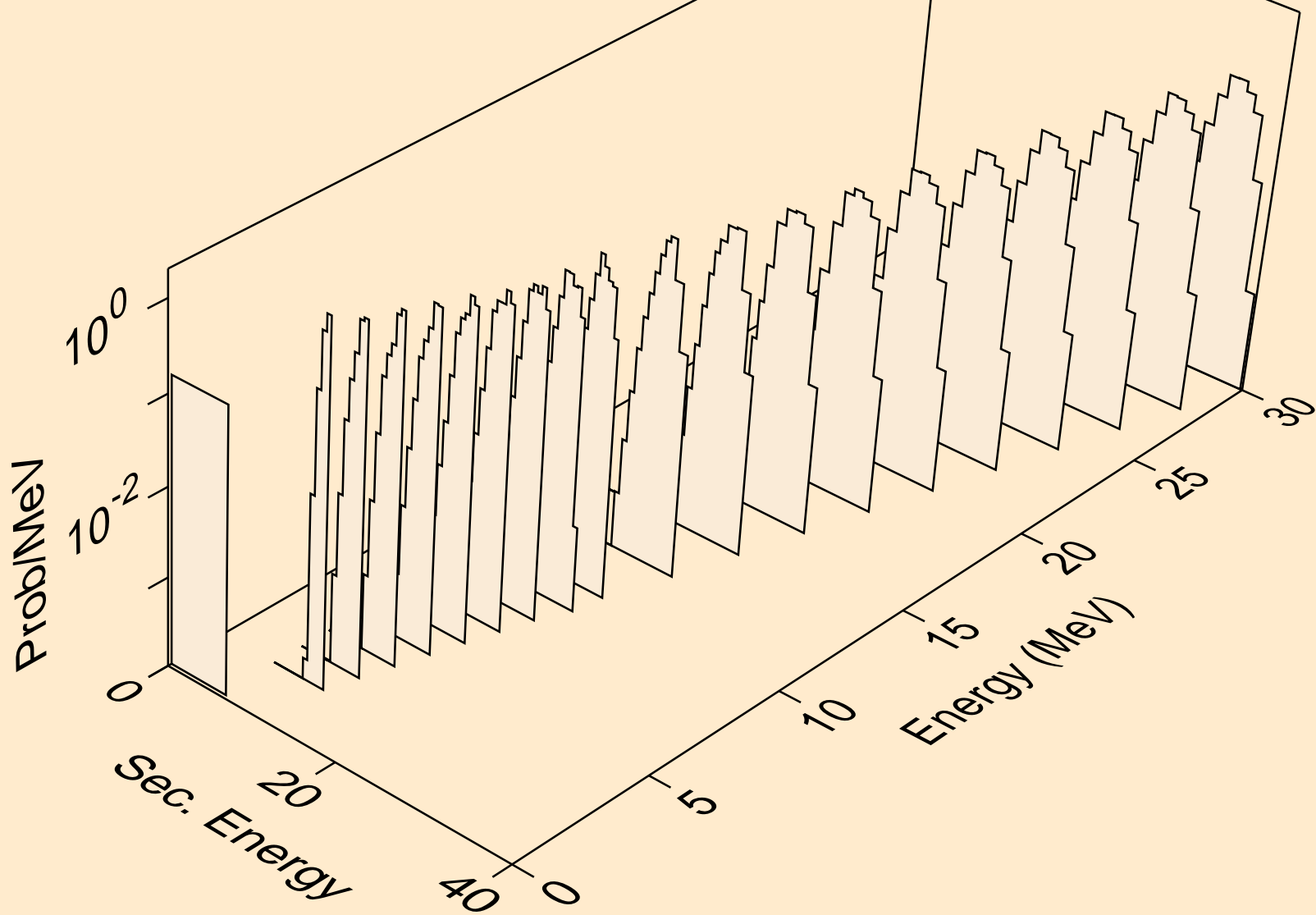
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he3s from (p,he3)



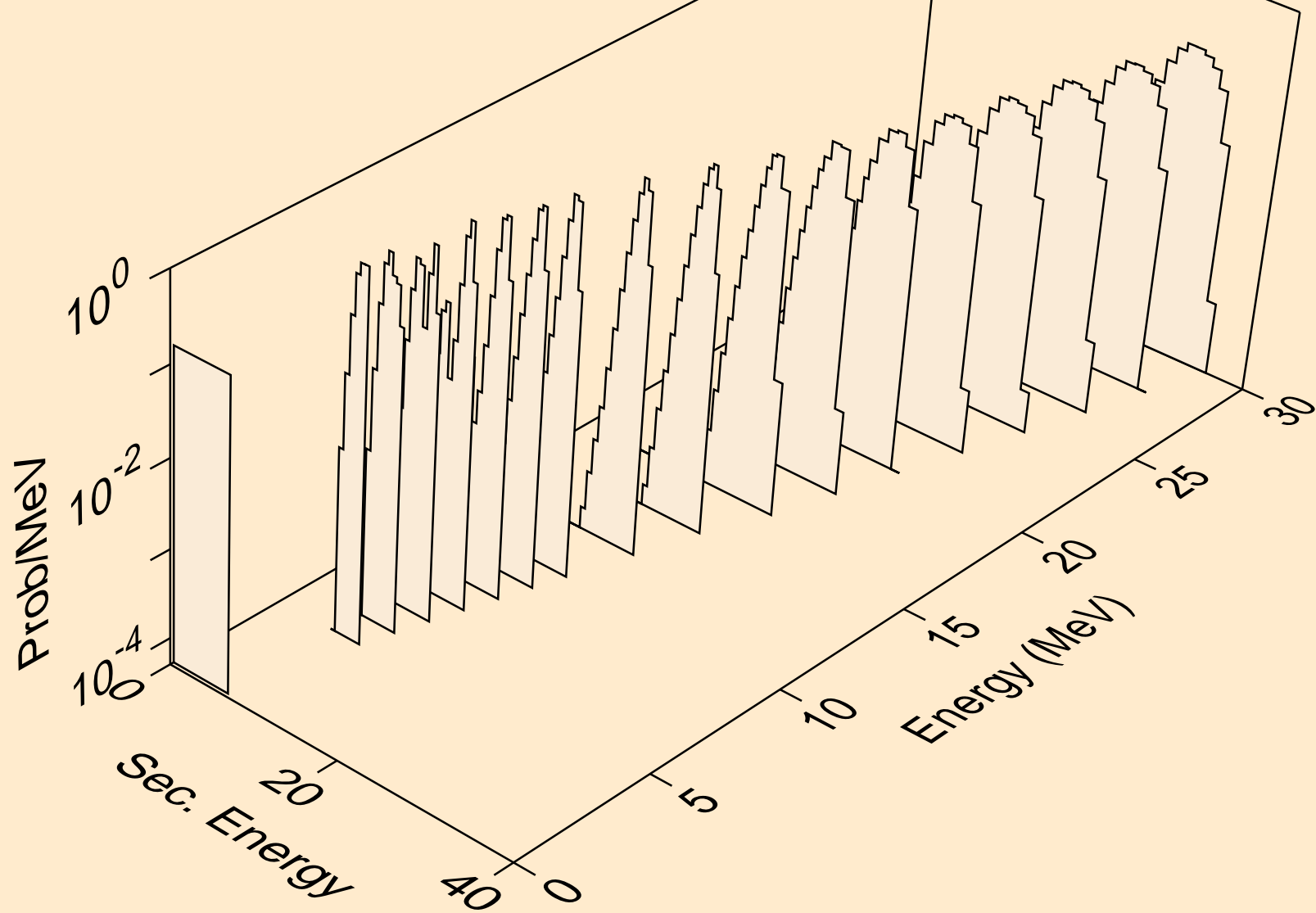
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alphas from (p,x)



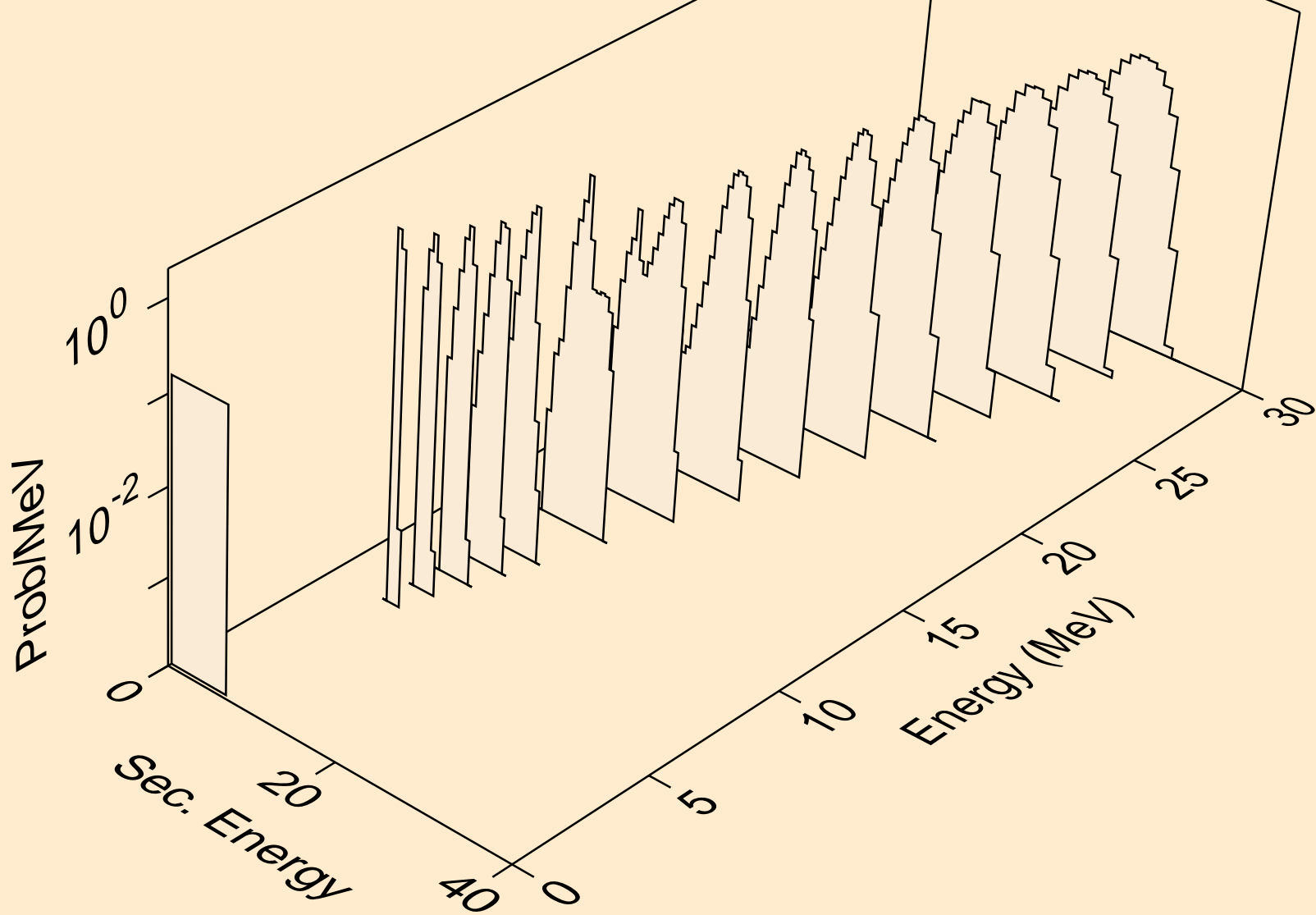
BI222 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,n\*)a



BI222 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,2n)a



BI222 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,3n)a



BI222 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,a)

