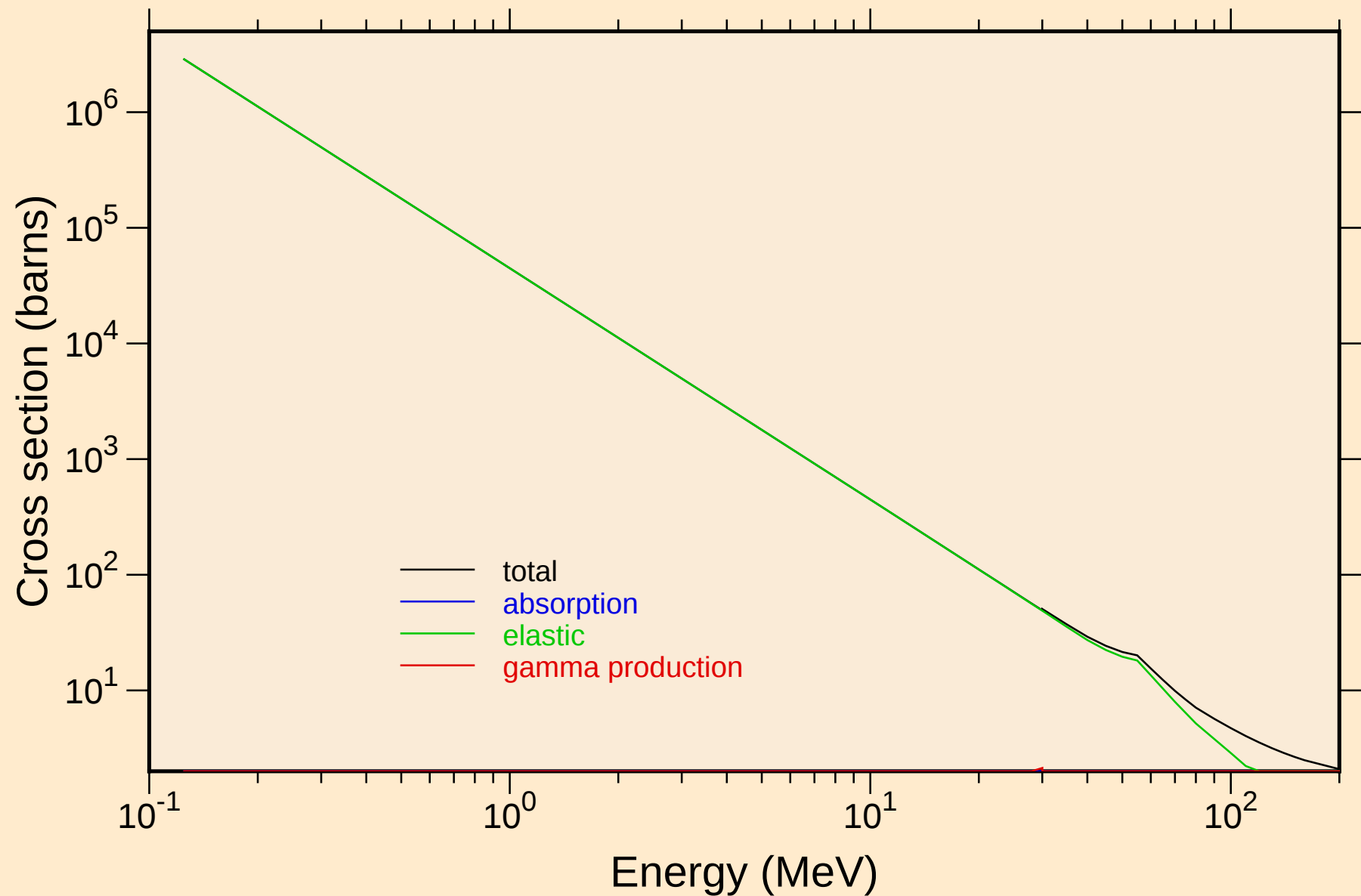


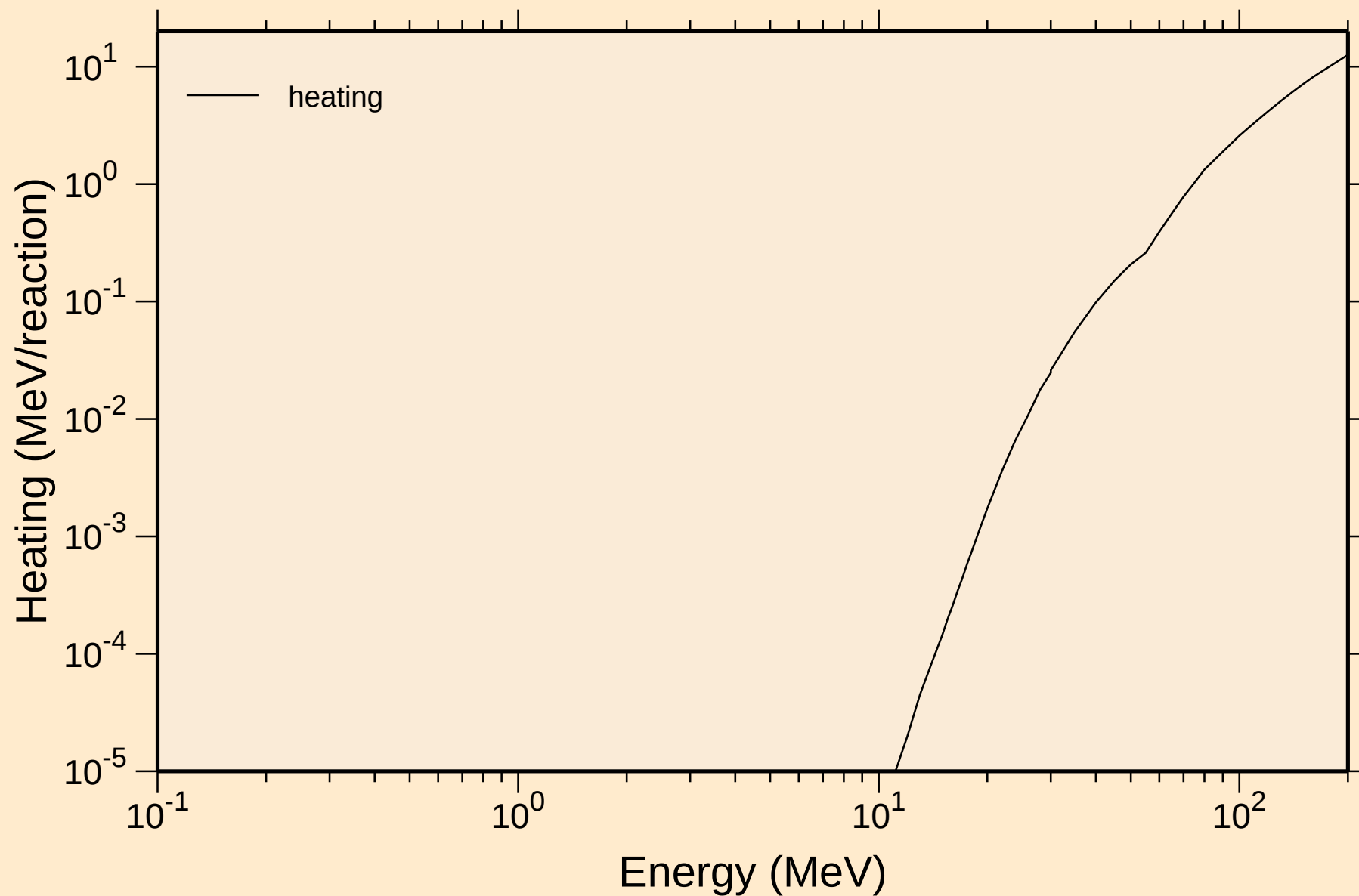
# AT202 PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



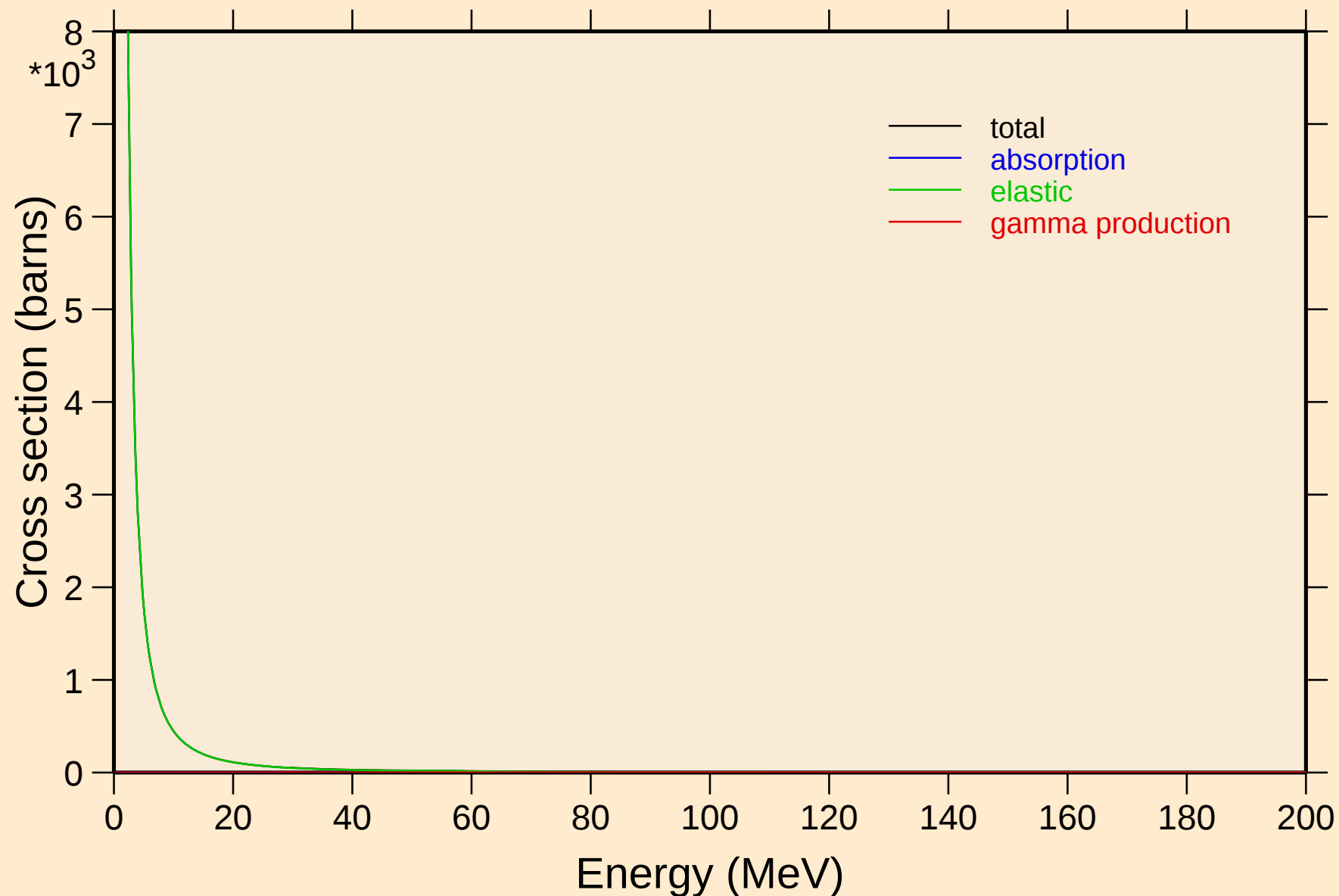
# AT202 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Heating



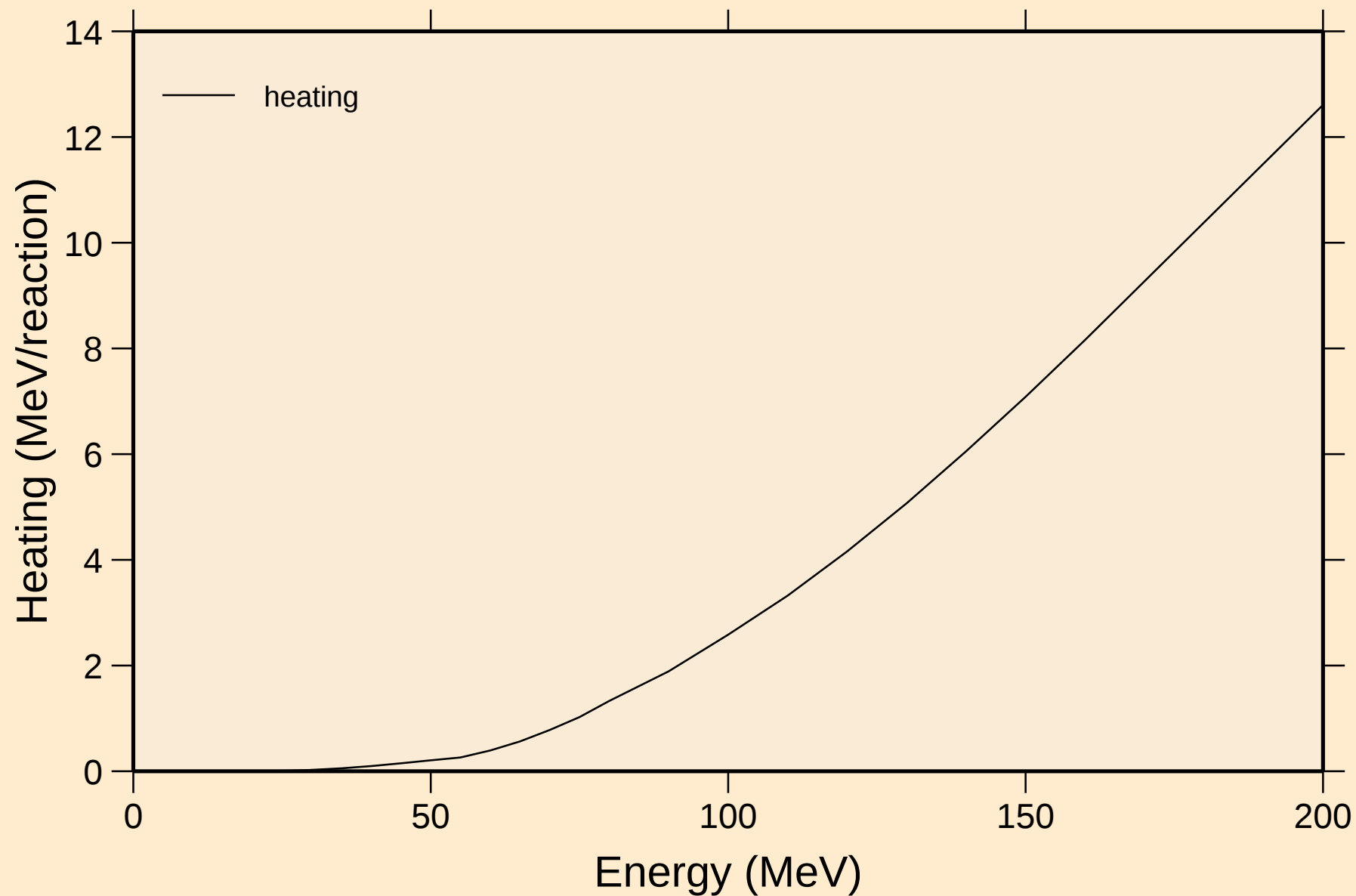
# AT202 PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



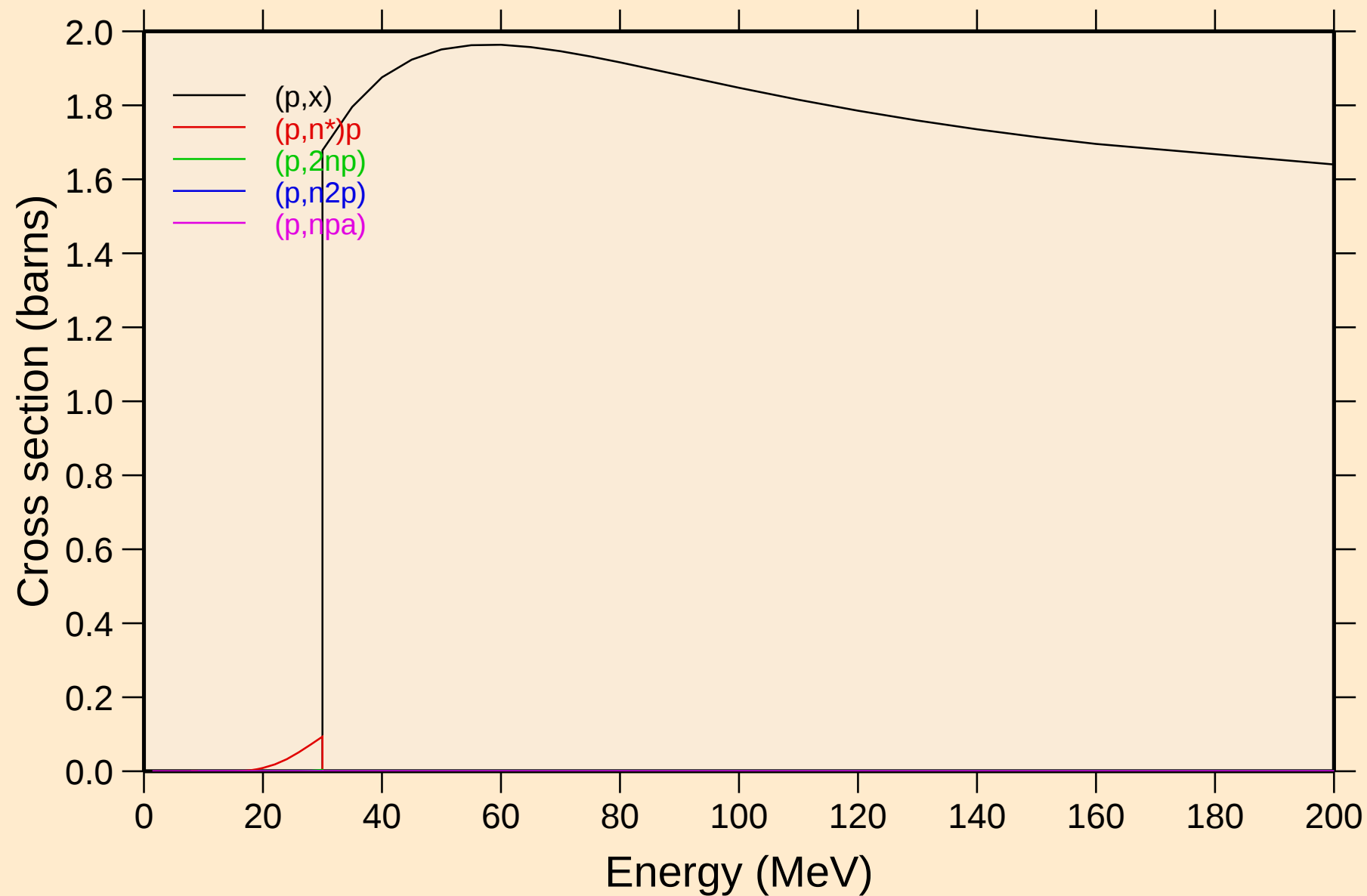
# AT202 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Heating



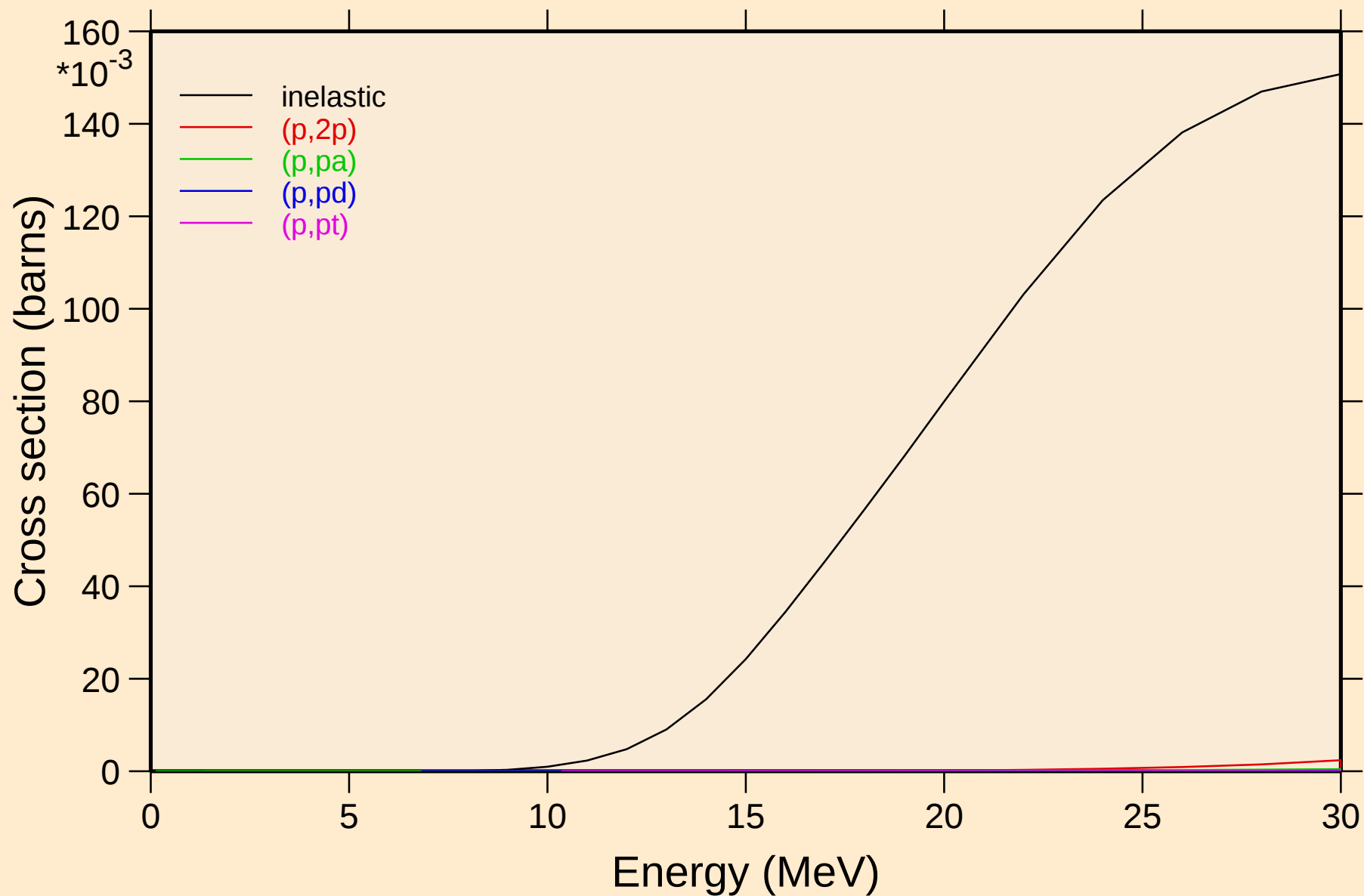
# AT202 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions



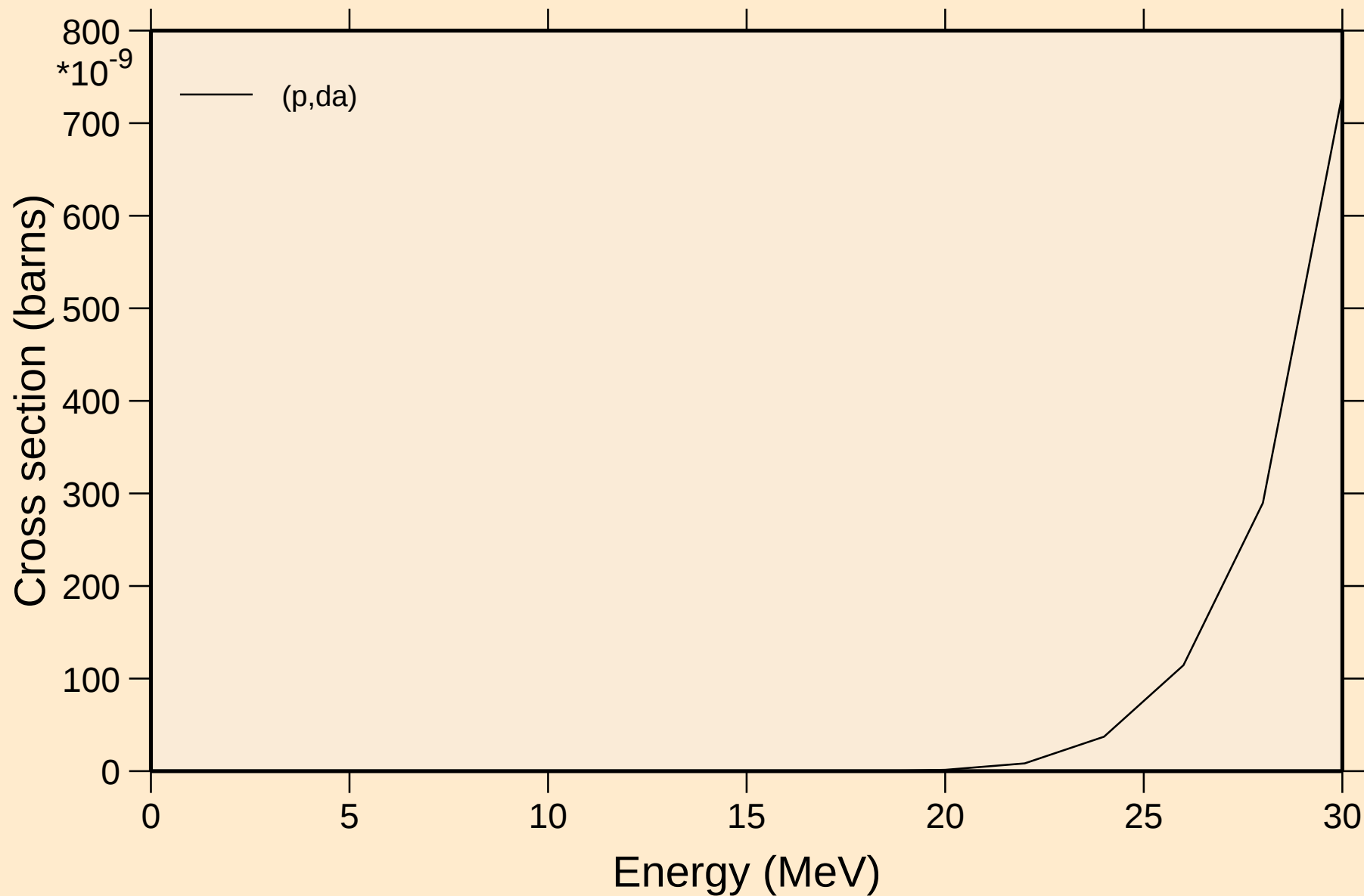
# AT202 PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

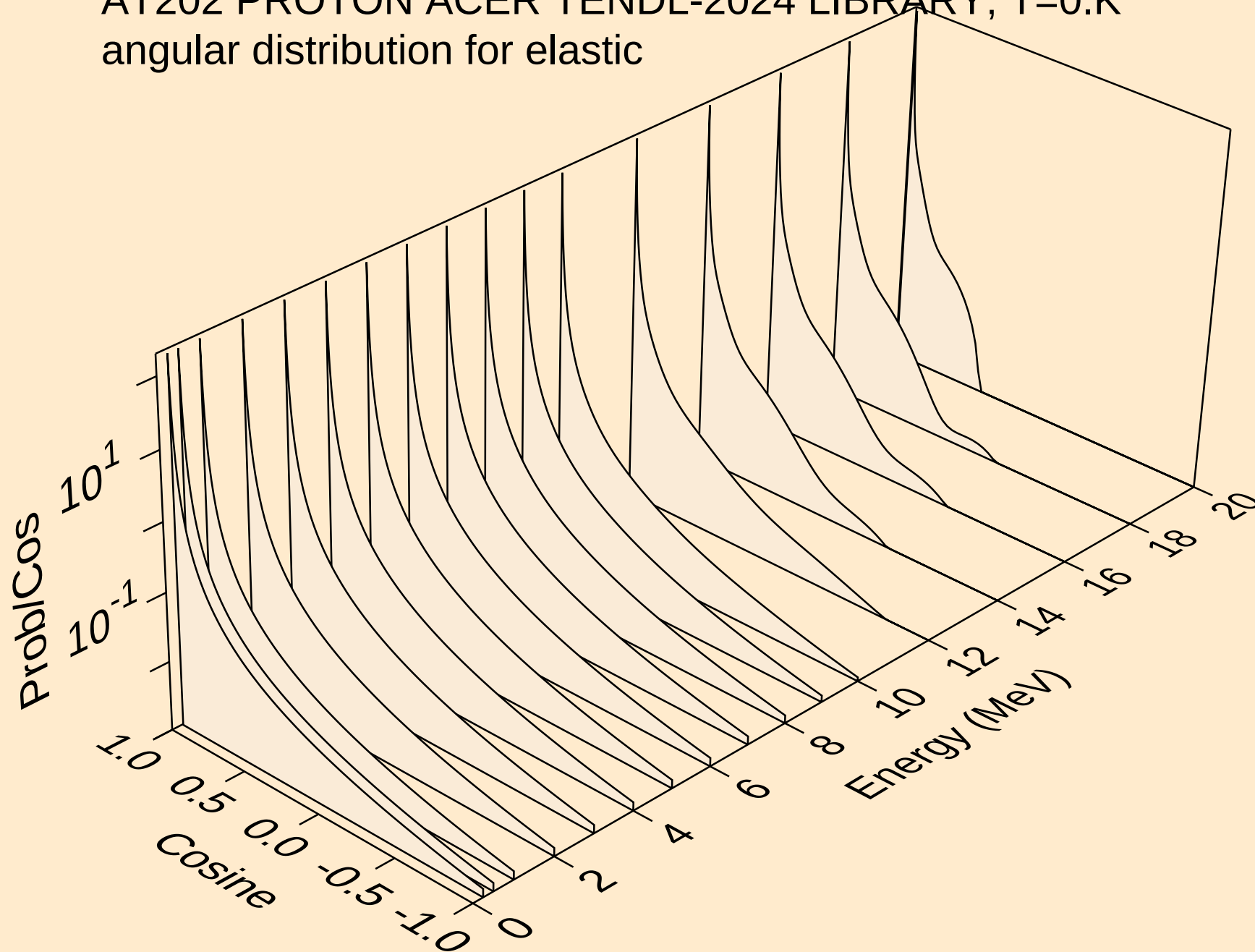


# AT202 PROTON ACER TENDL-2024 LIBRARY; T=0.K

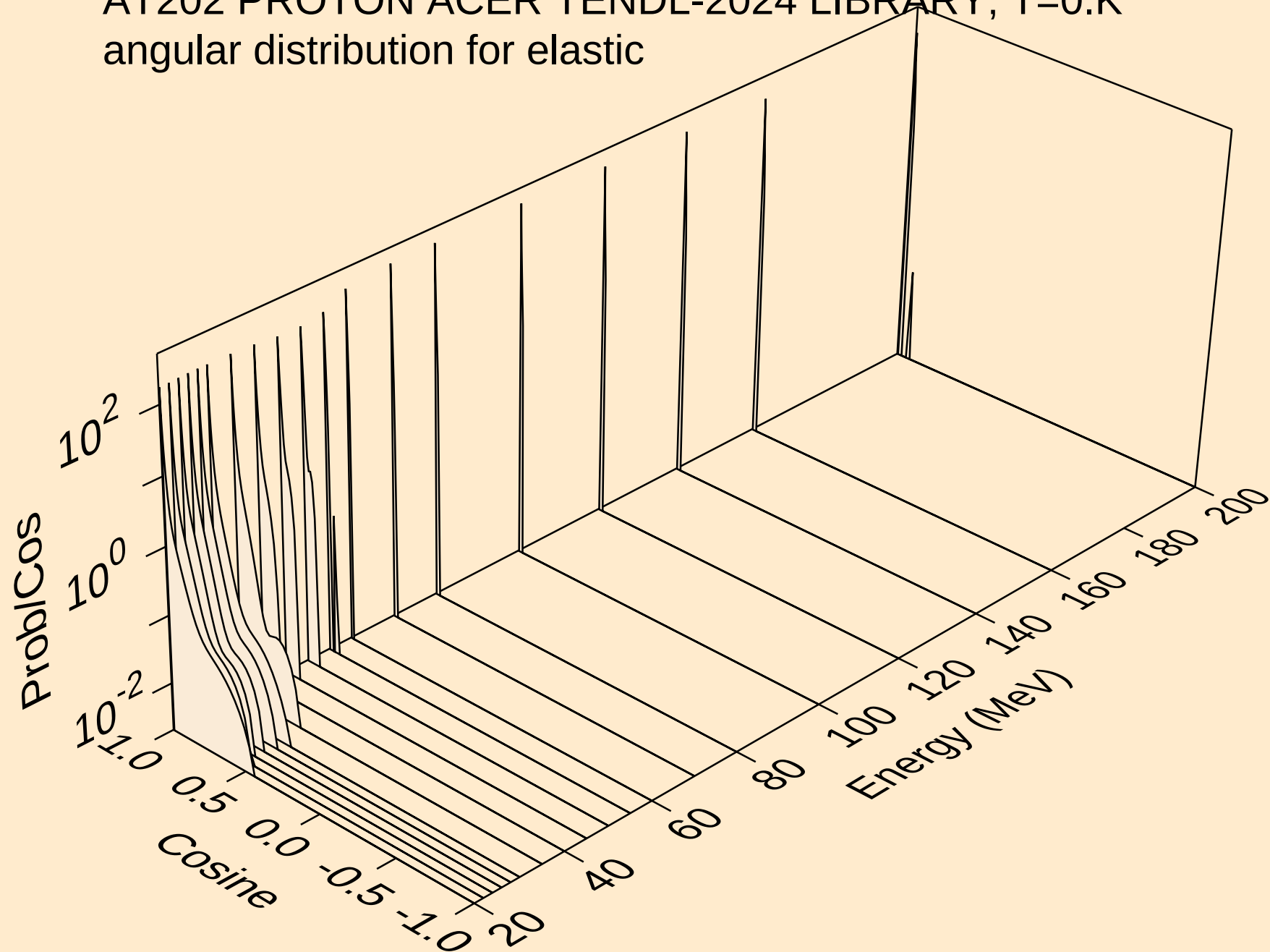
Threshold reactions



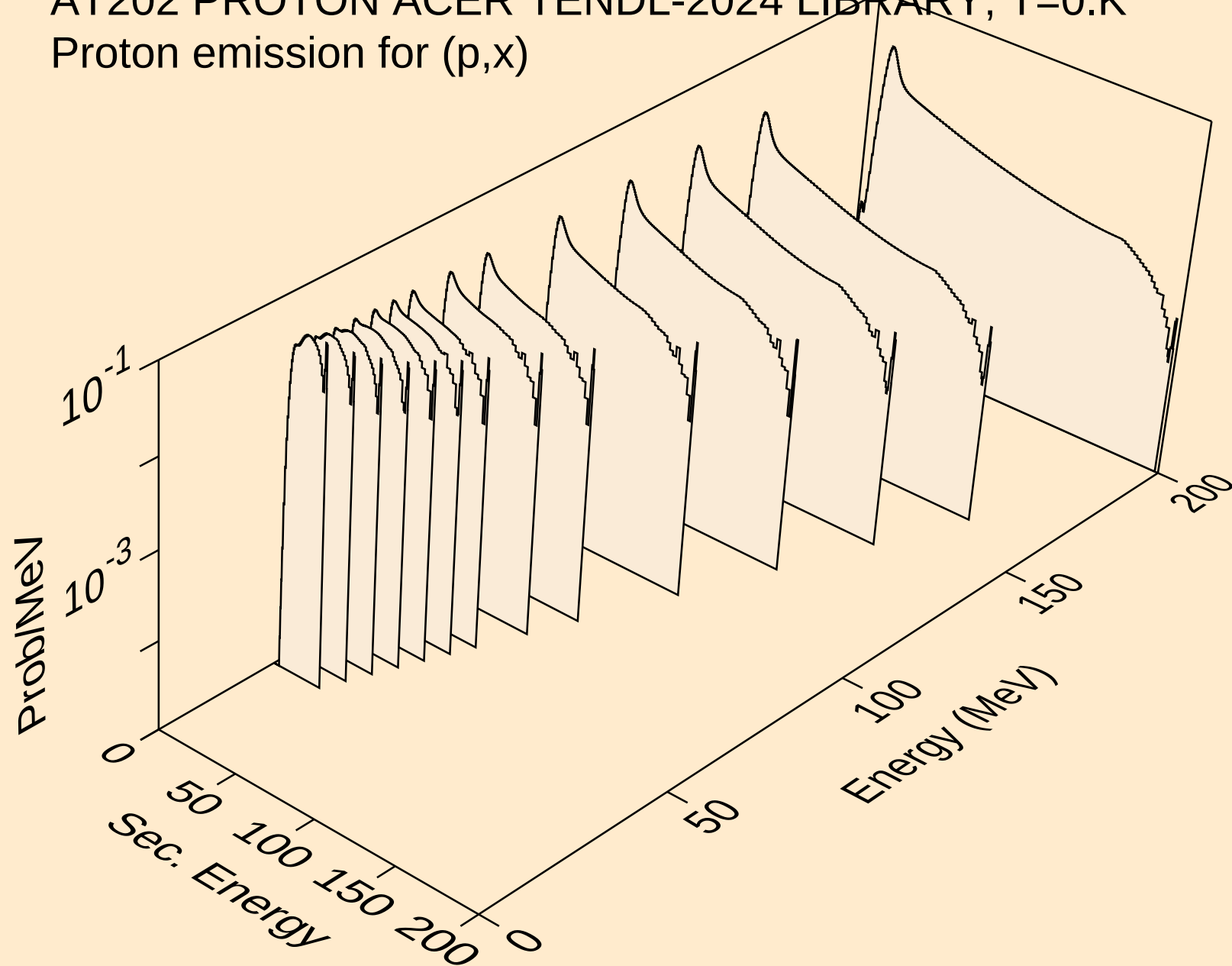
AT202 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



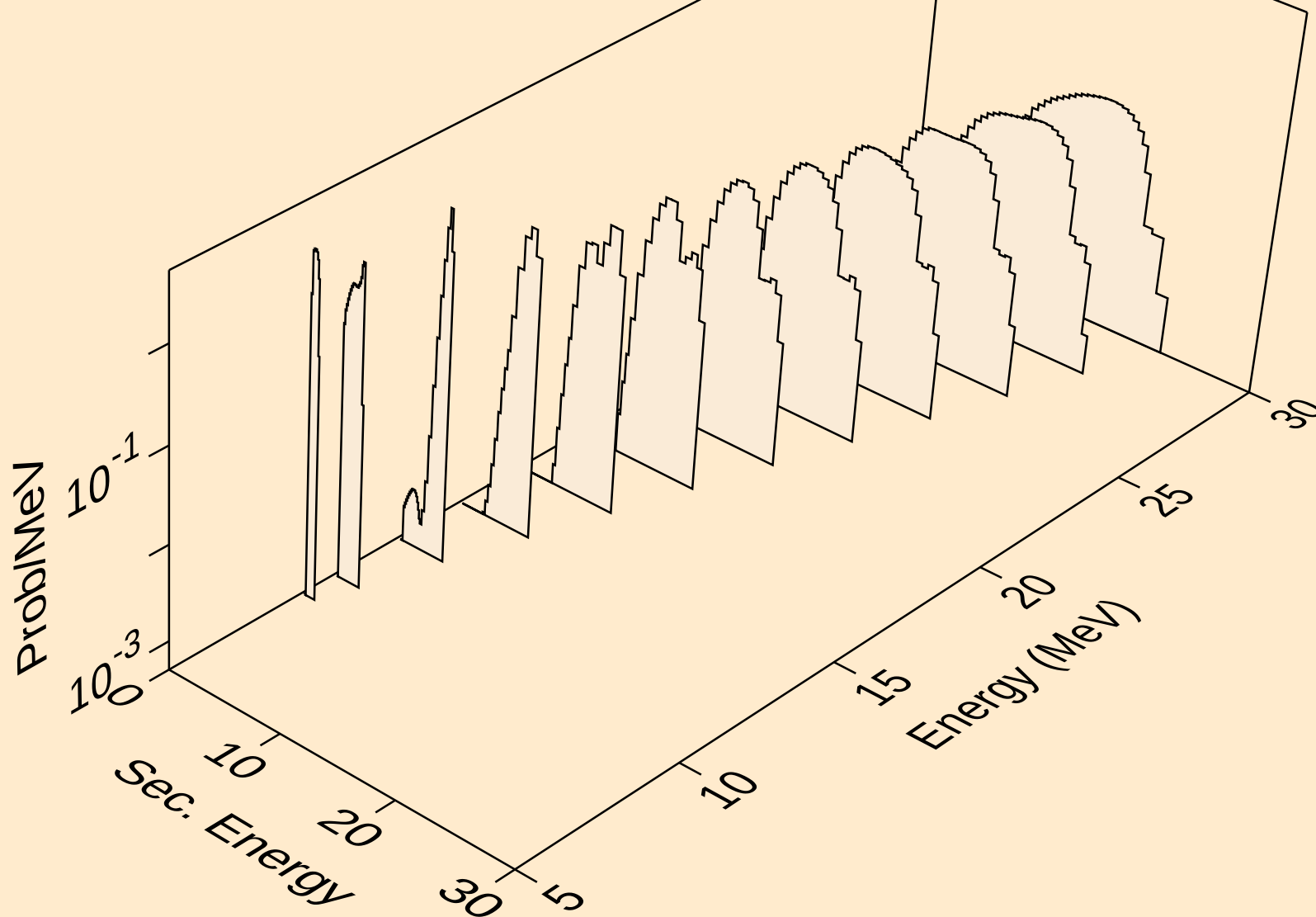
AT202 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



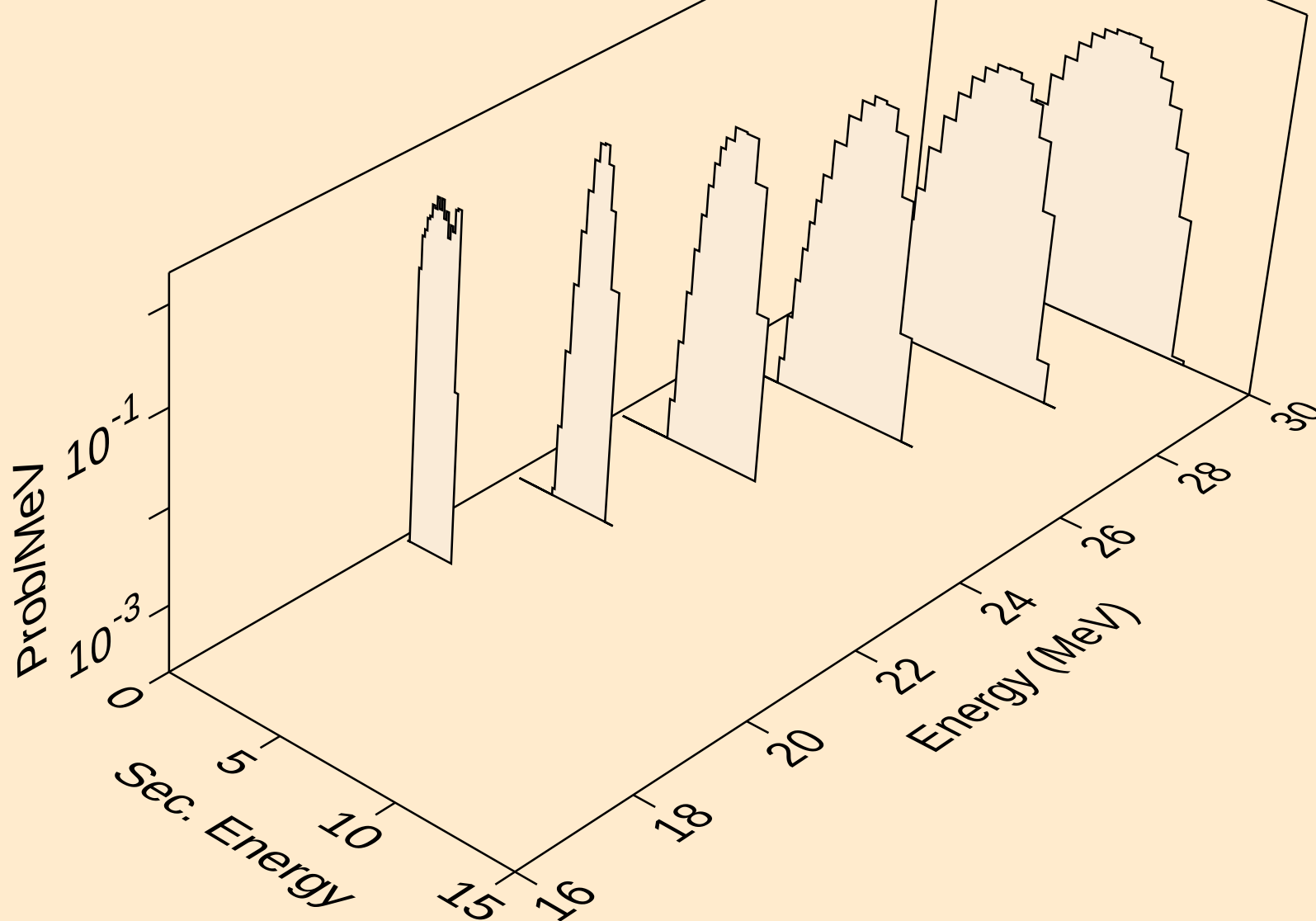
AT202 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,x)



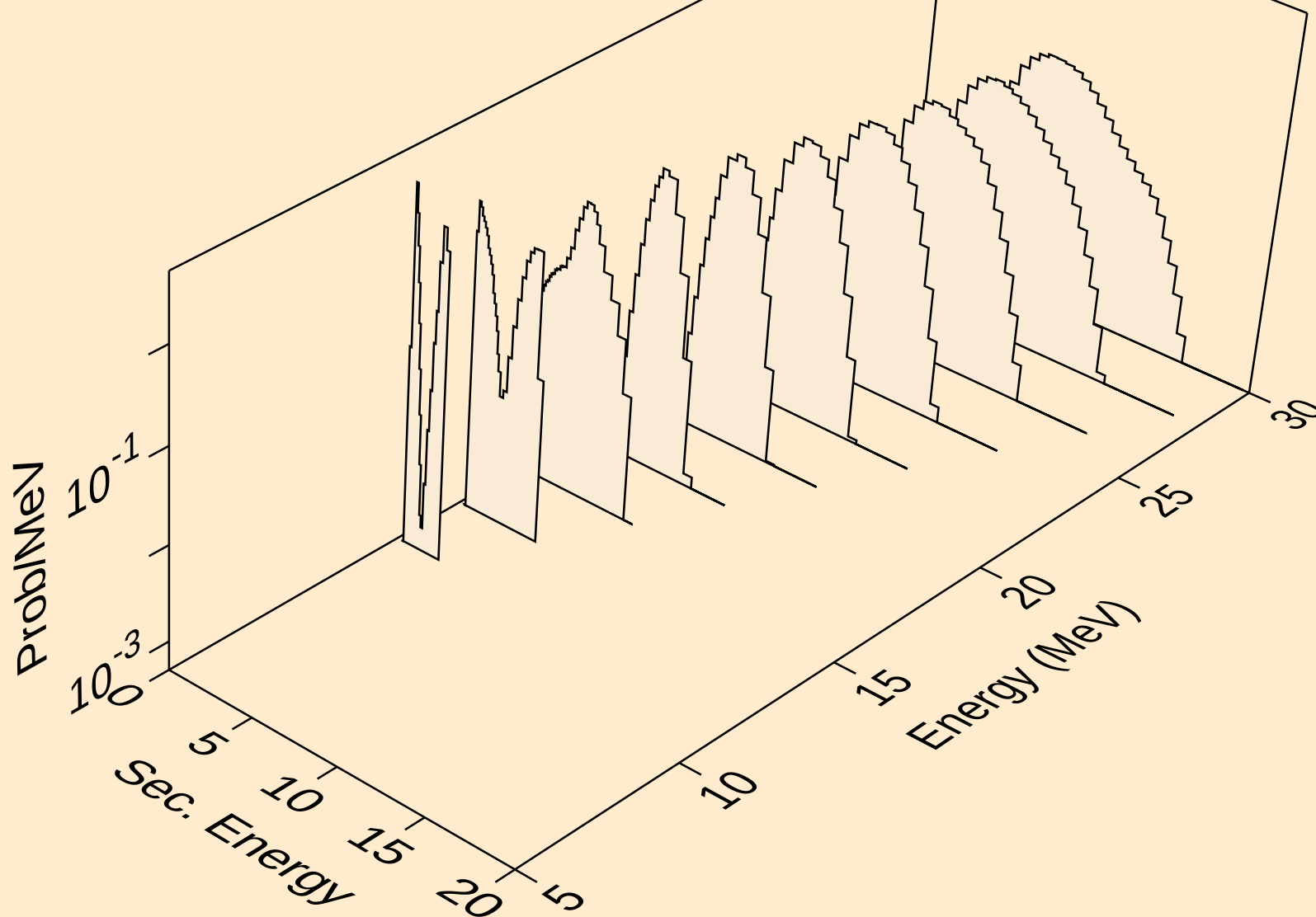
AT202 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



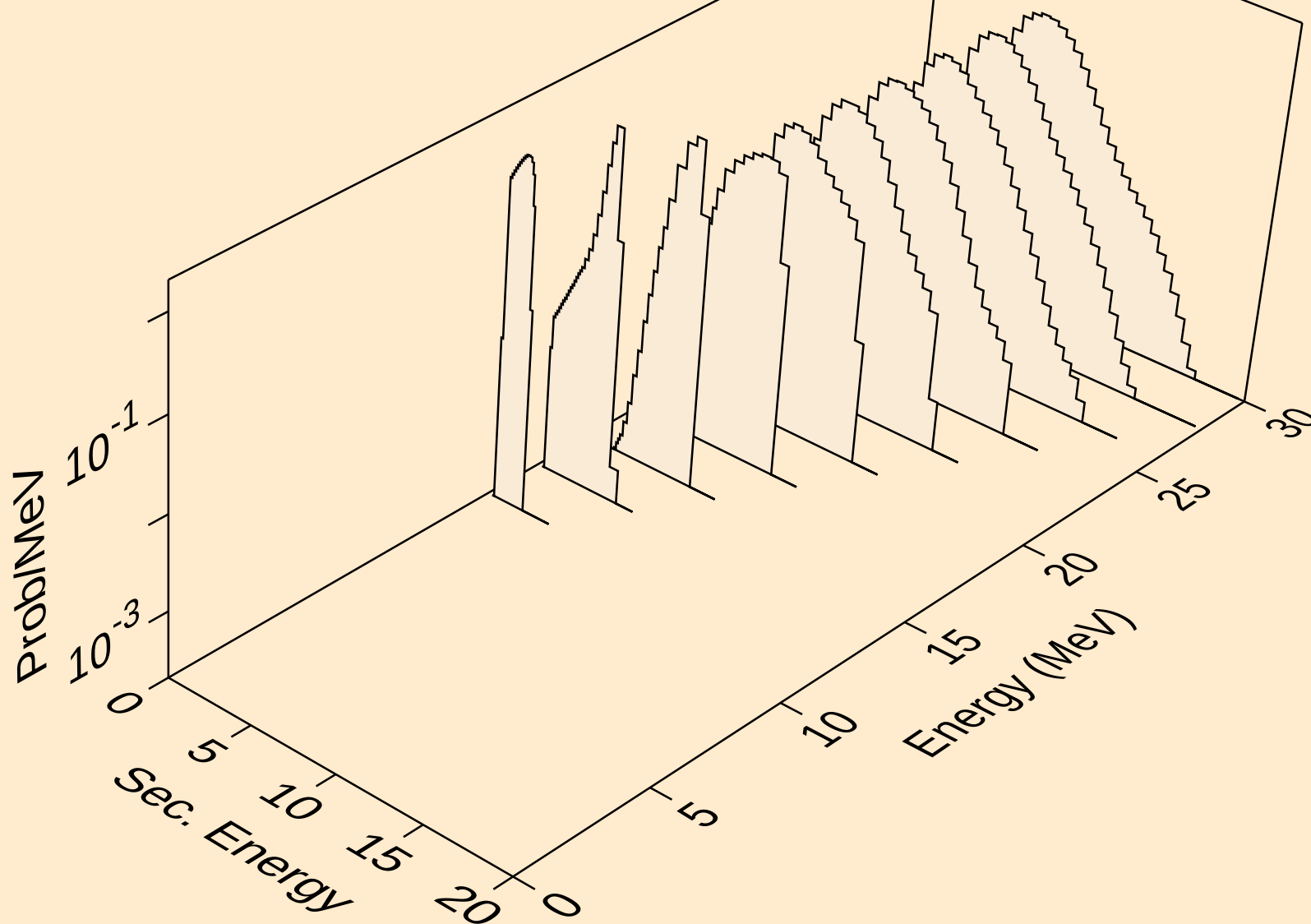
AT202 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,2np)



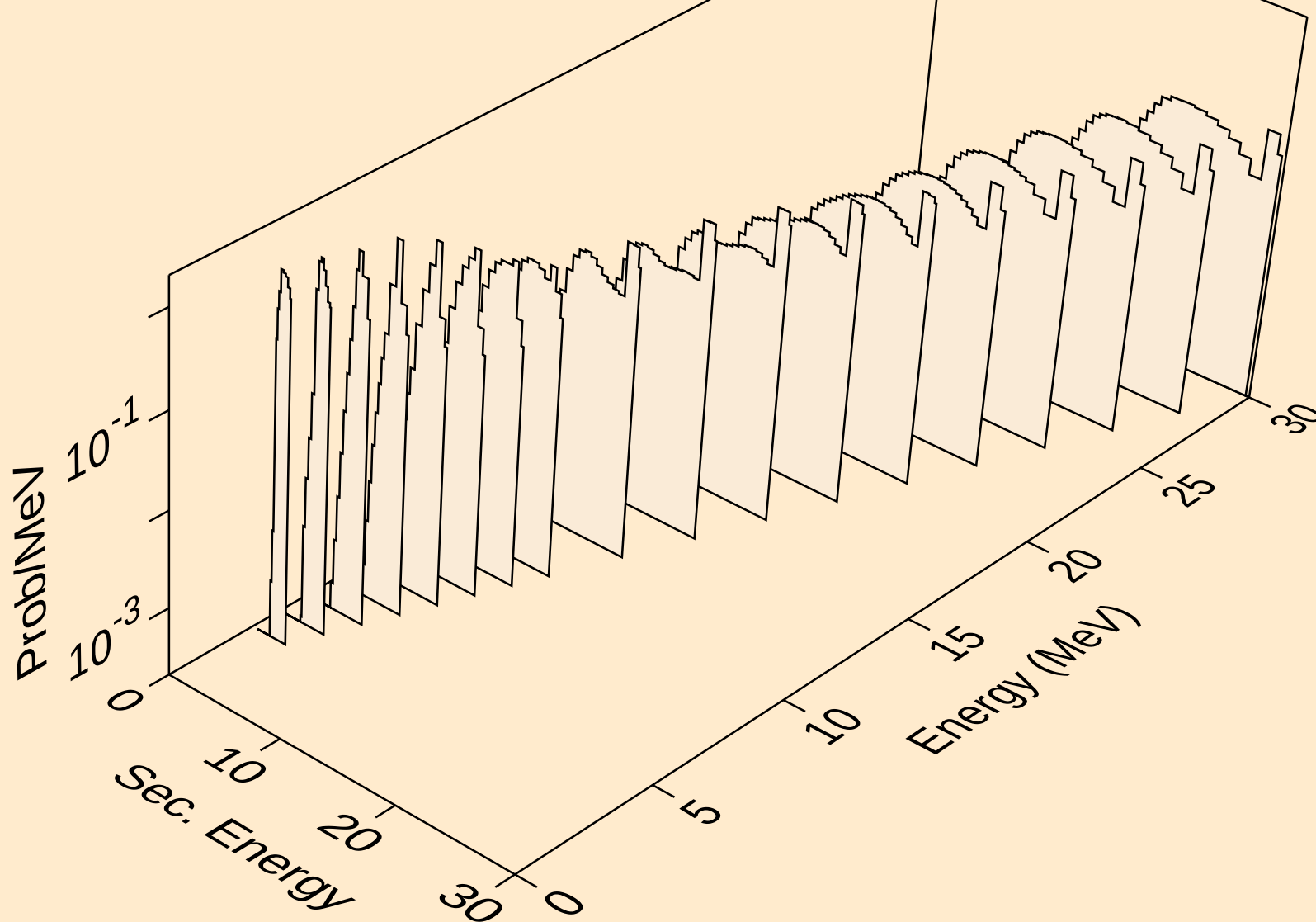
AT202 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,n2p)



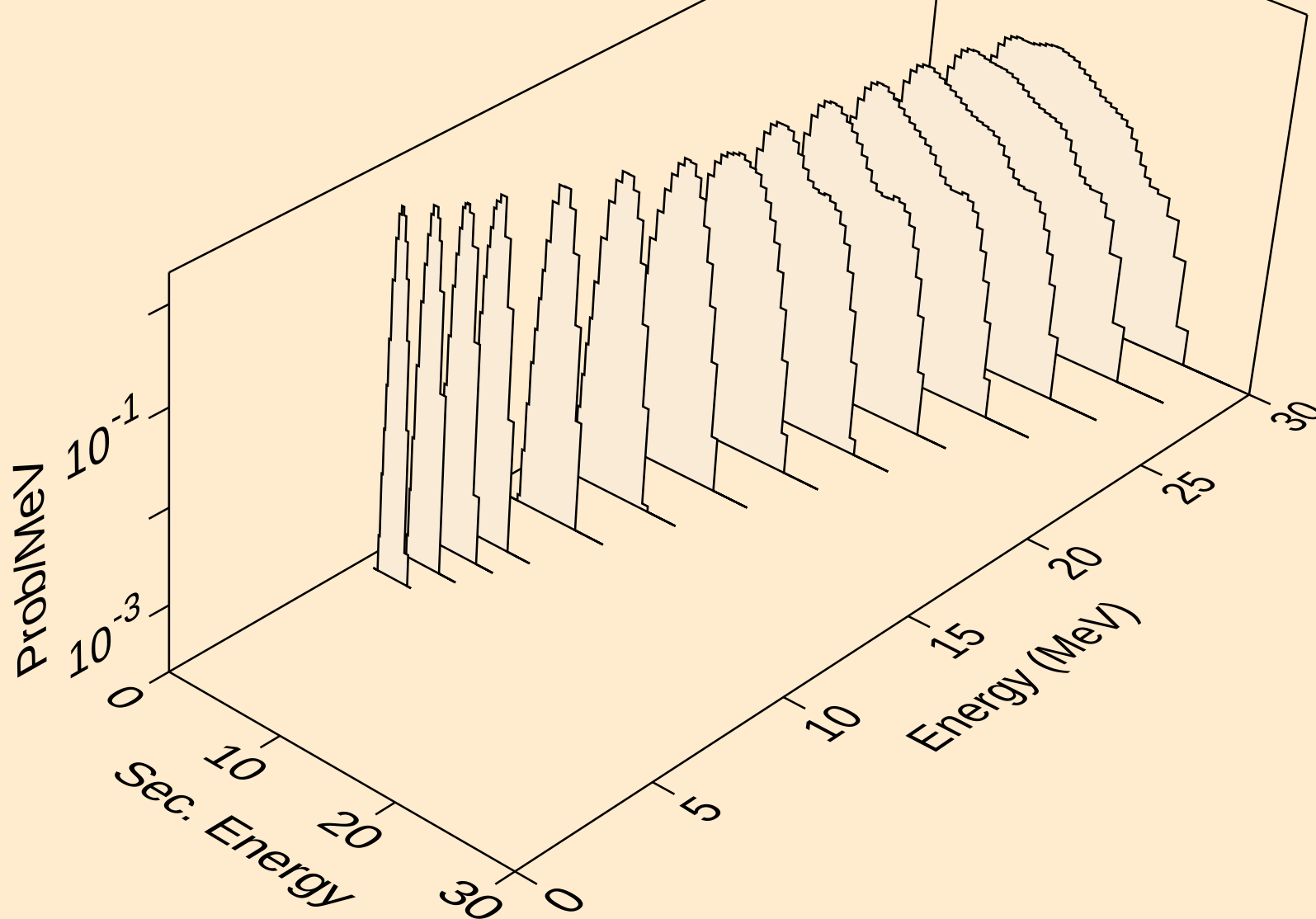
AT202 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,npa)



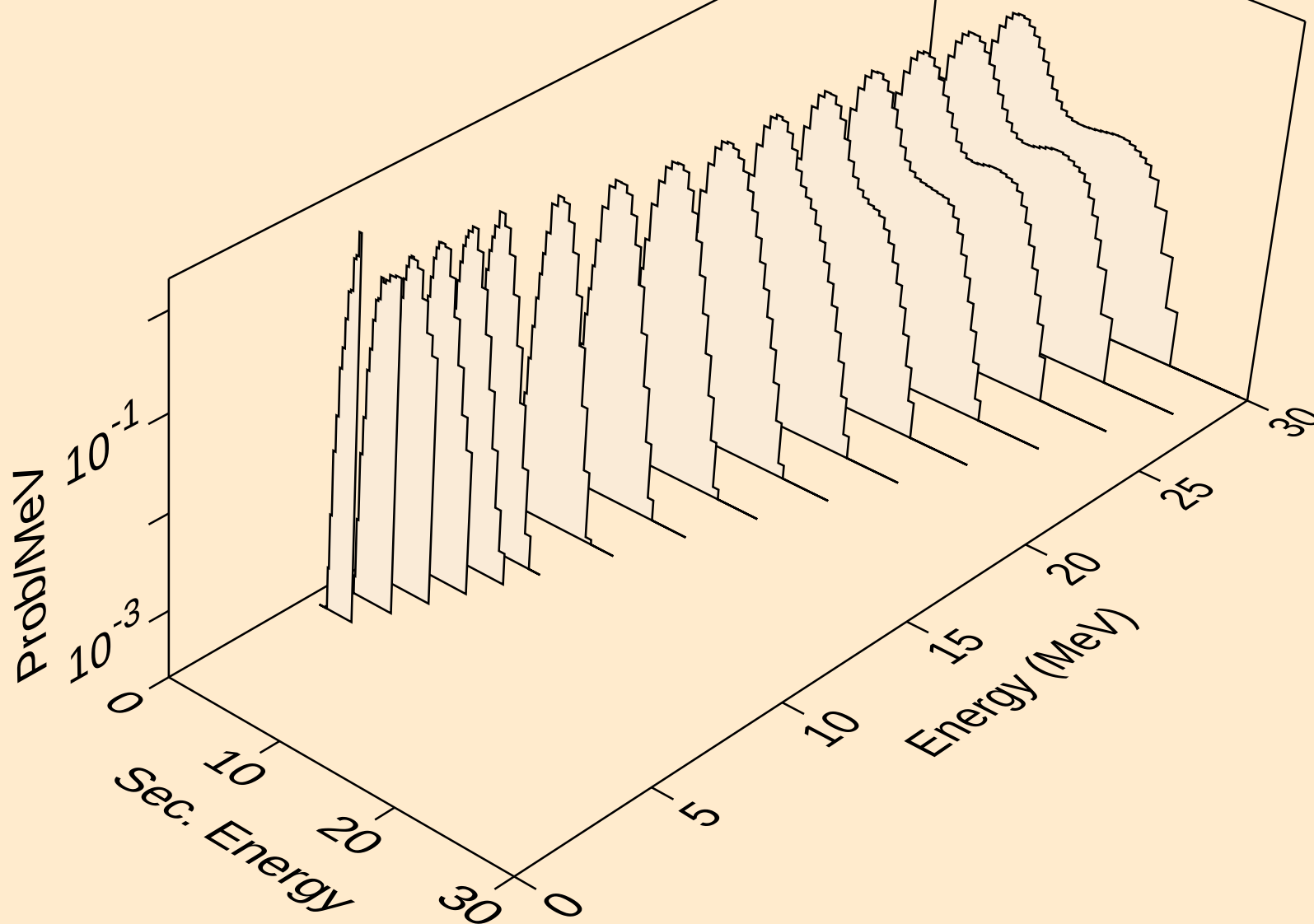
AT202 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for inelastic



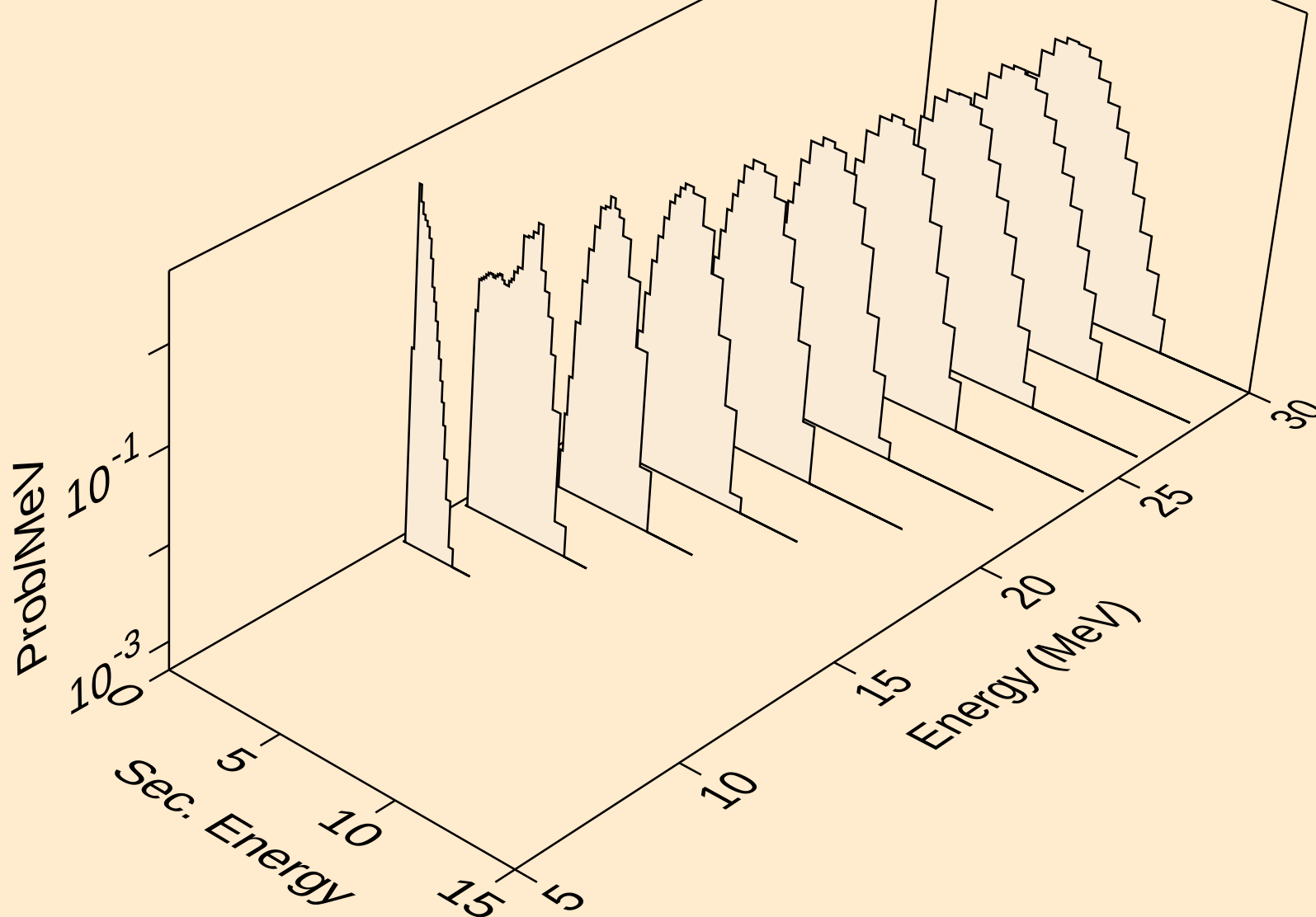
AT202 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,2p)



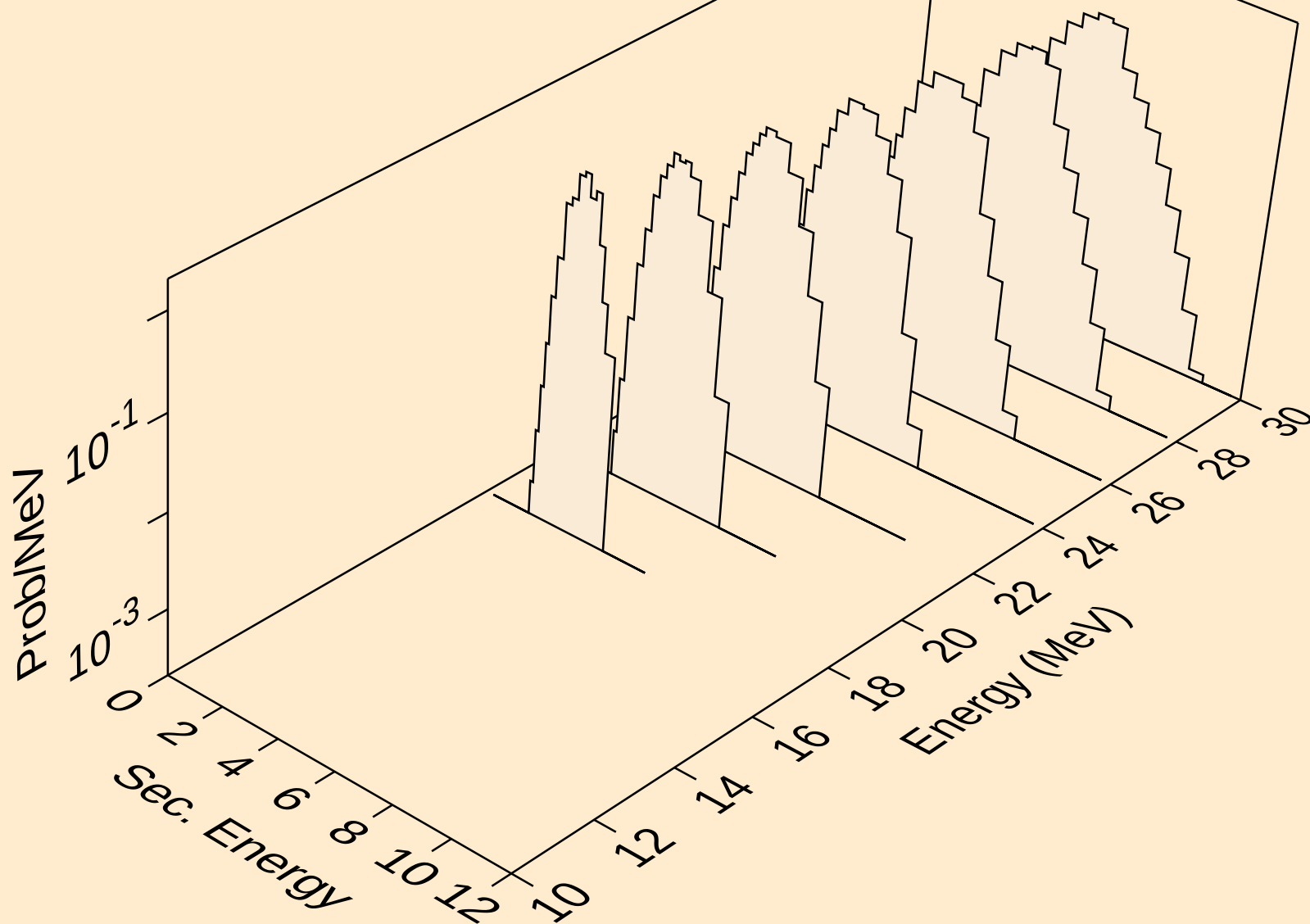
AT202 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,pa)



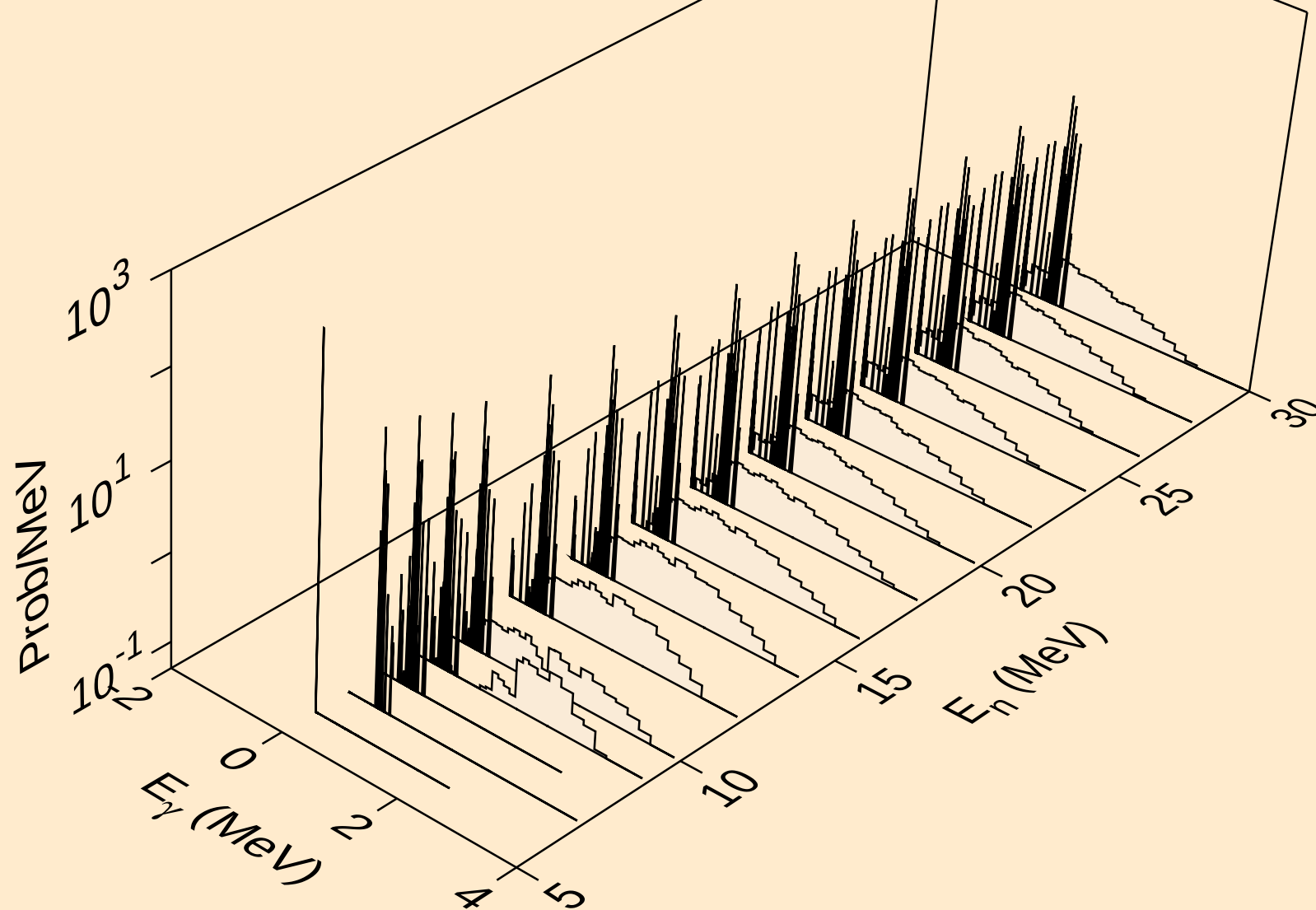
AT202 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,pd)



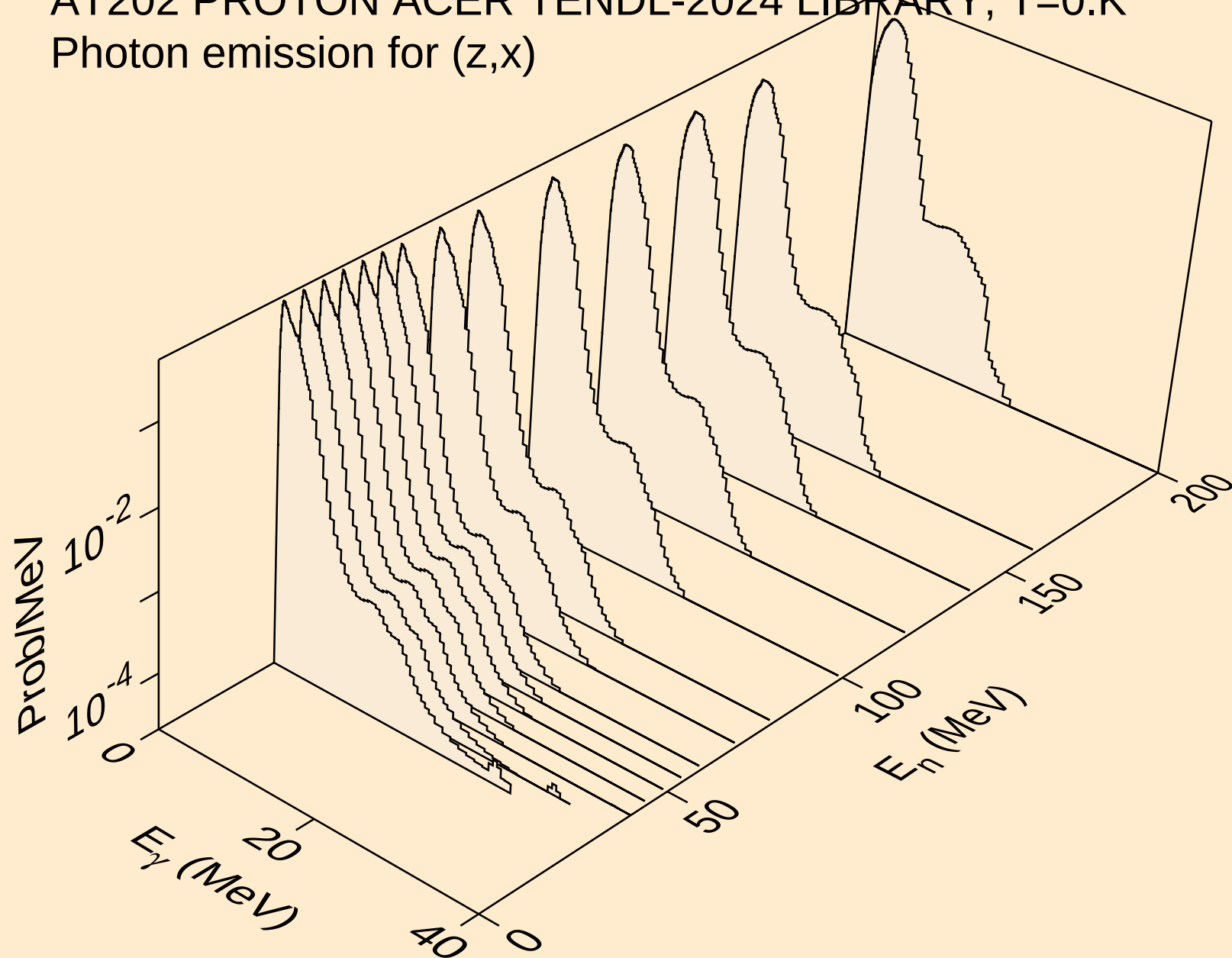
AT202 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,pt)



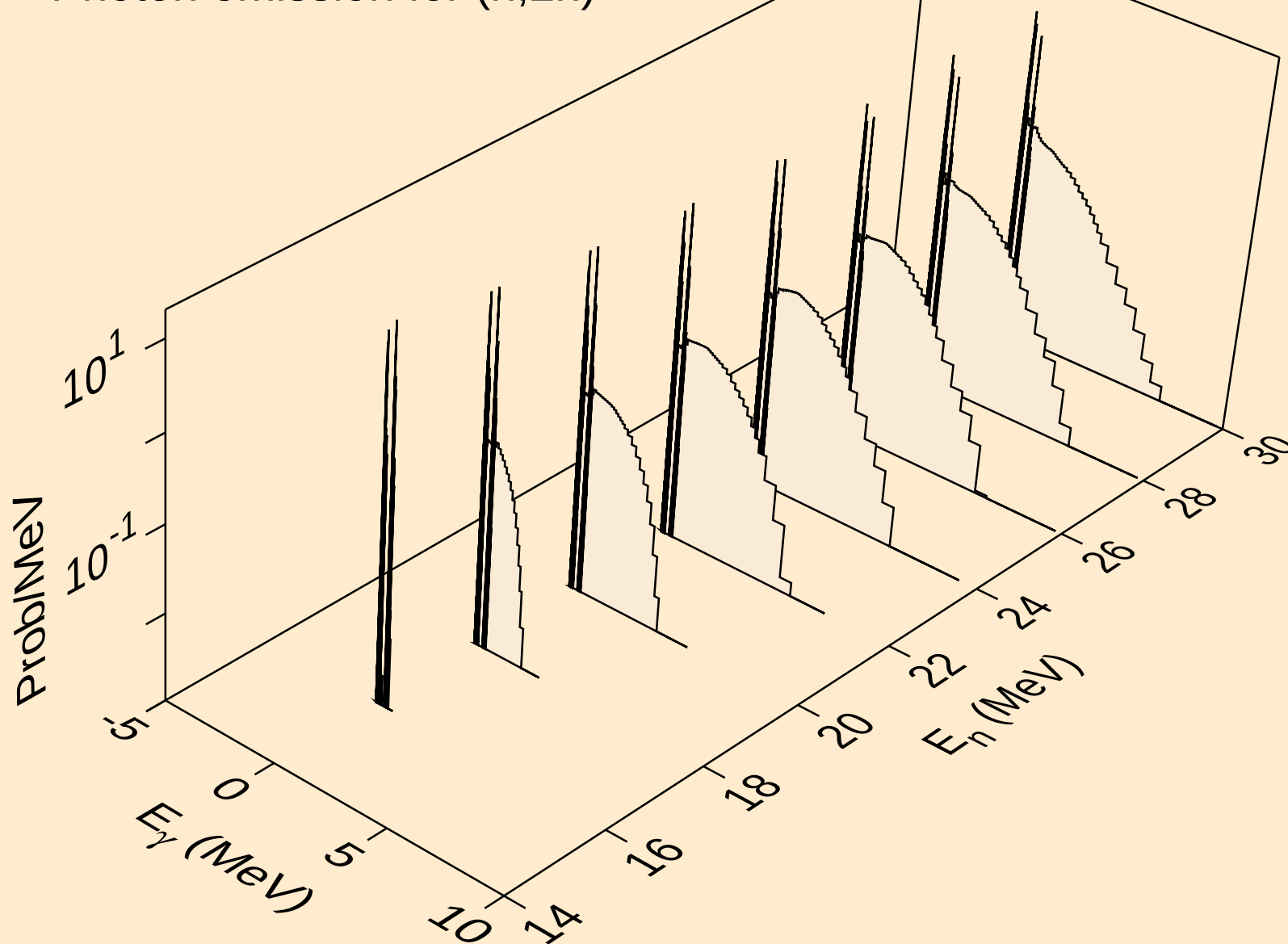
AT202 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (z,n)



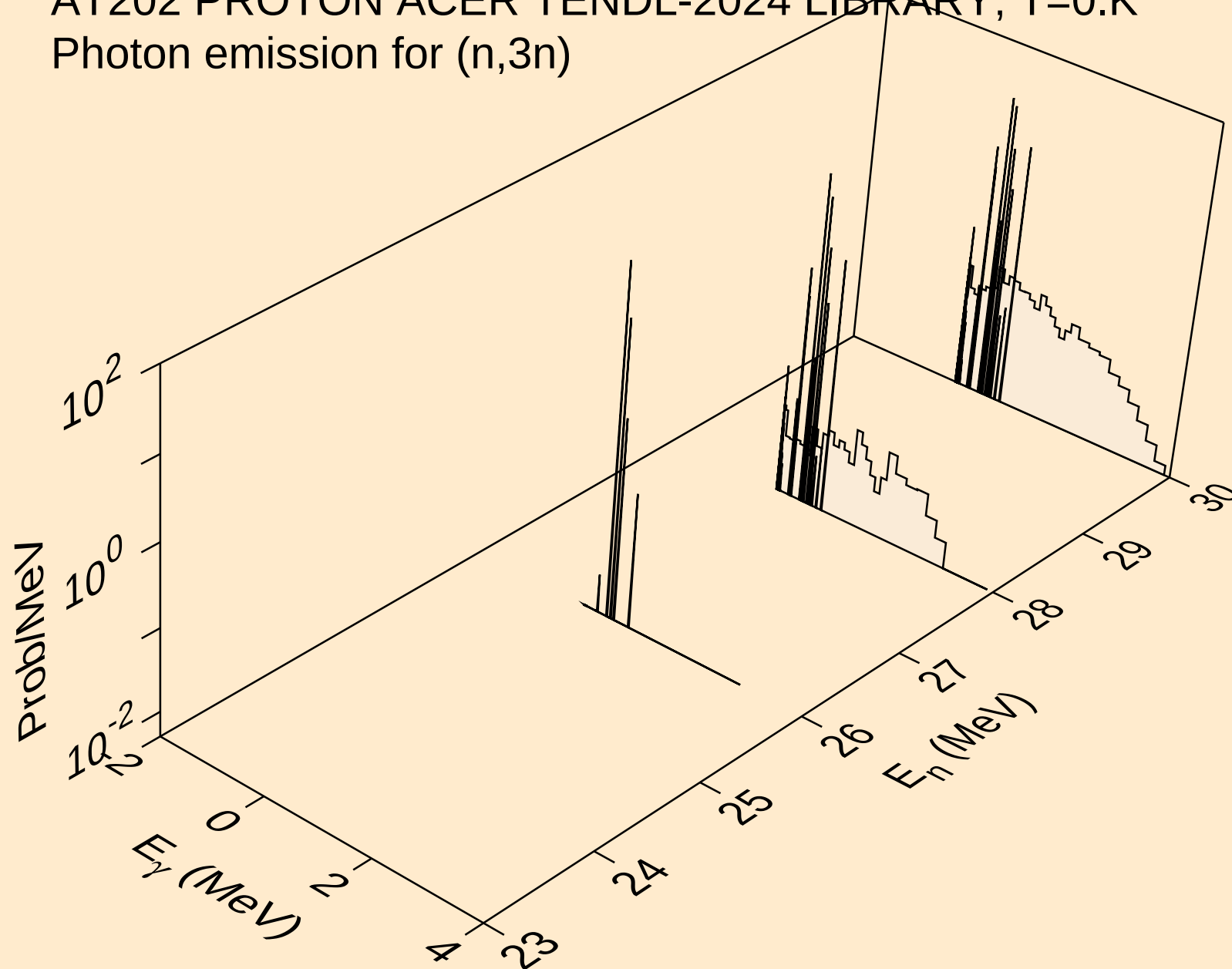
AT202 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,x)



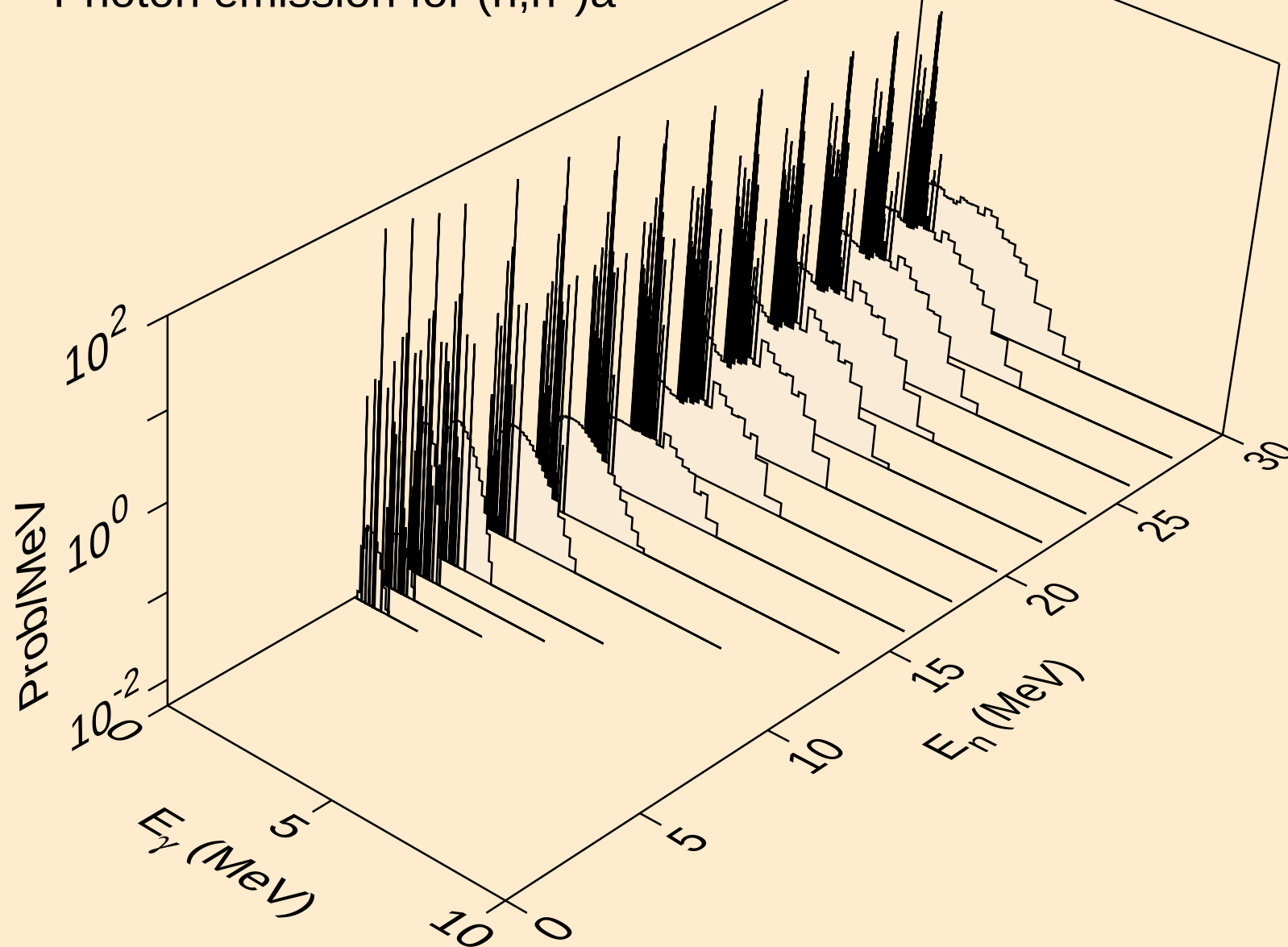
AT202 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (n,2n)



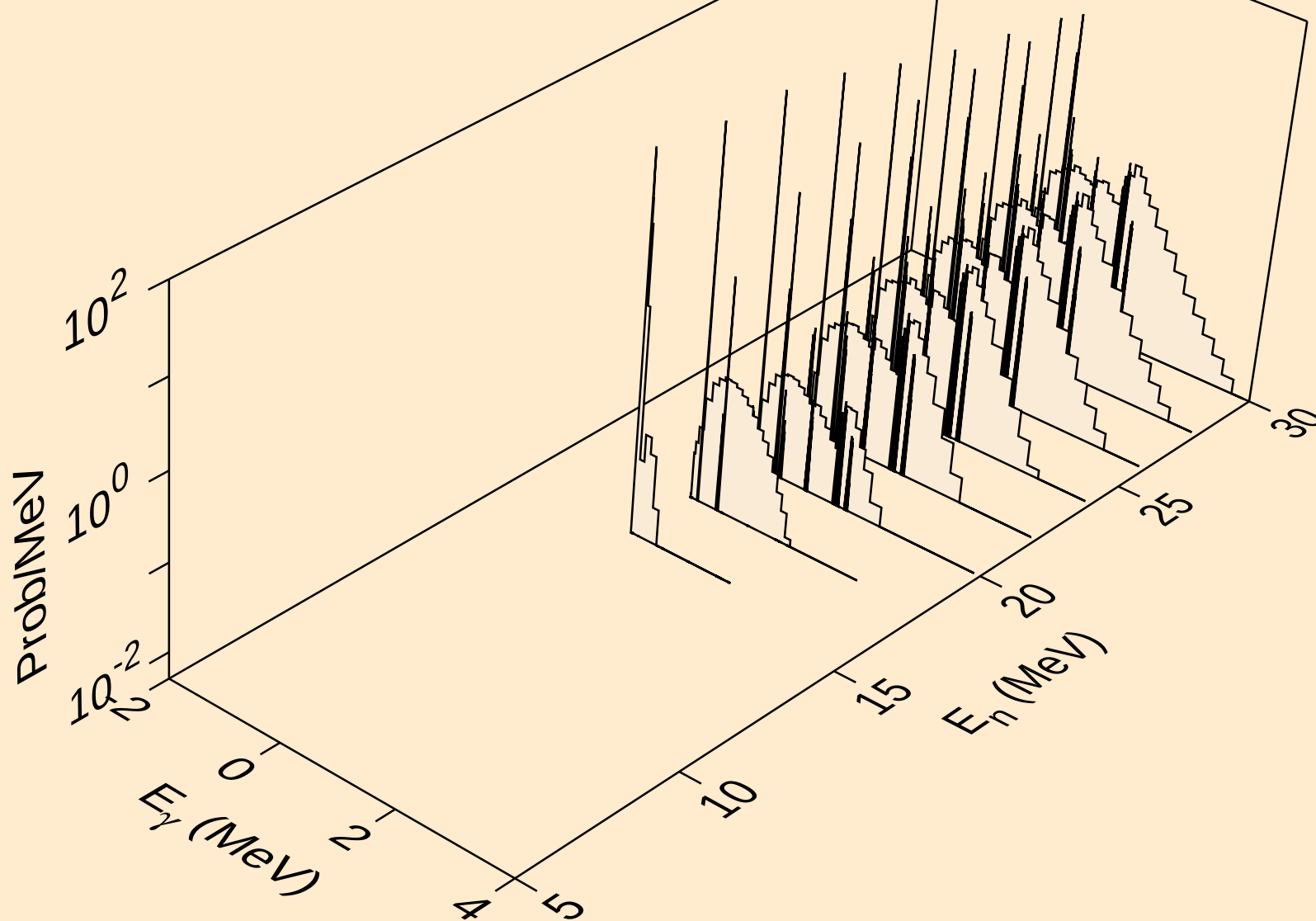
AT202 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (n,3n)



AT202 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

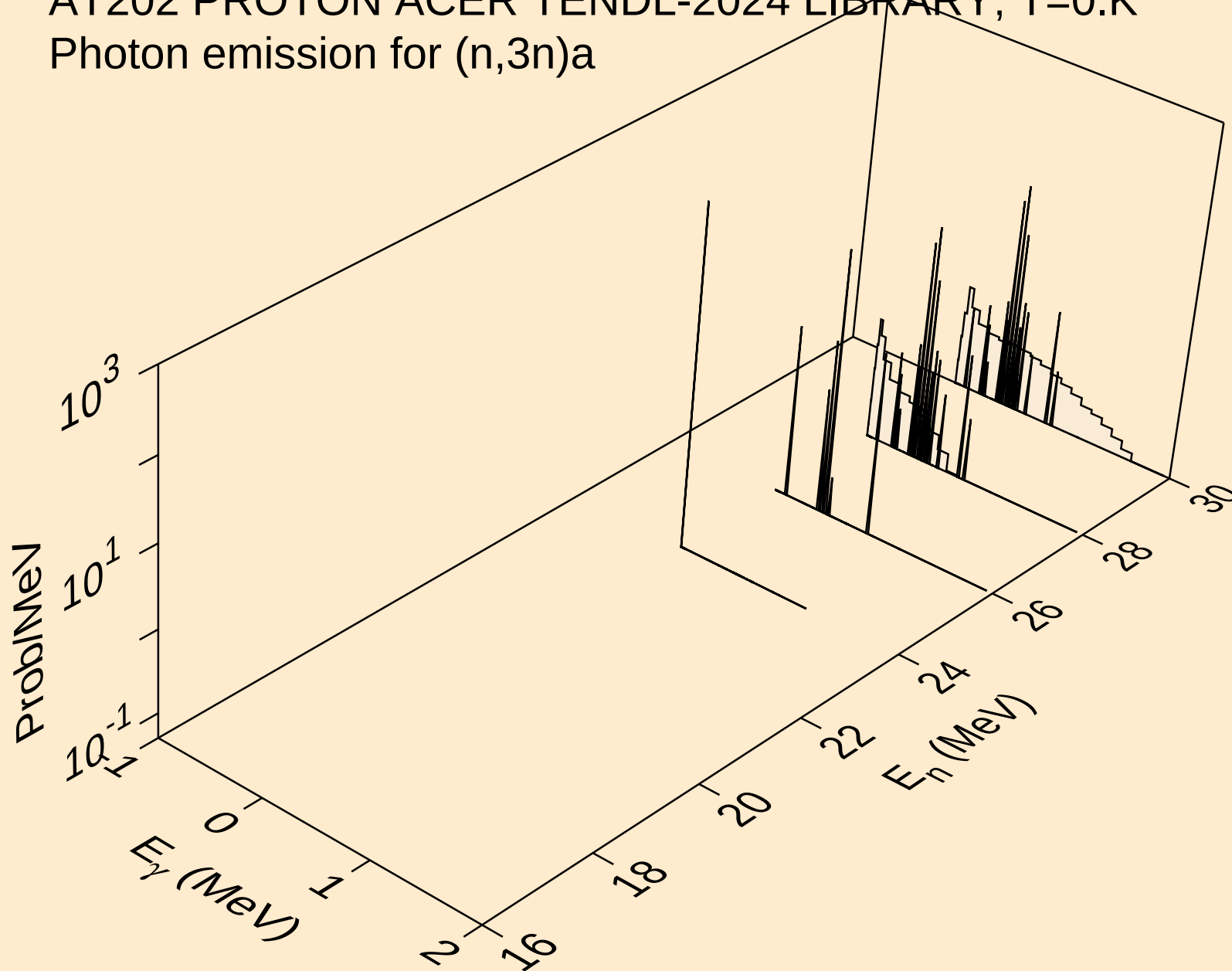


AT202 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a

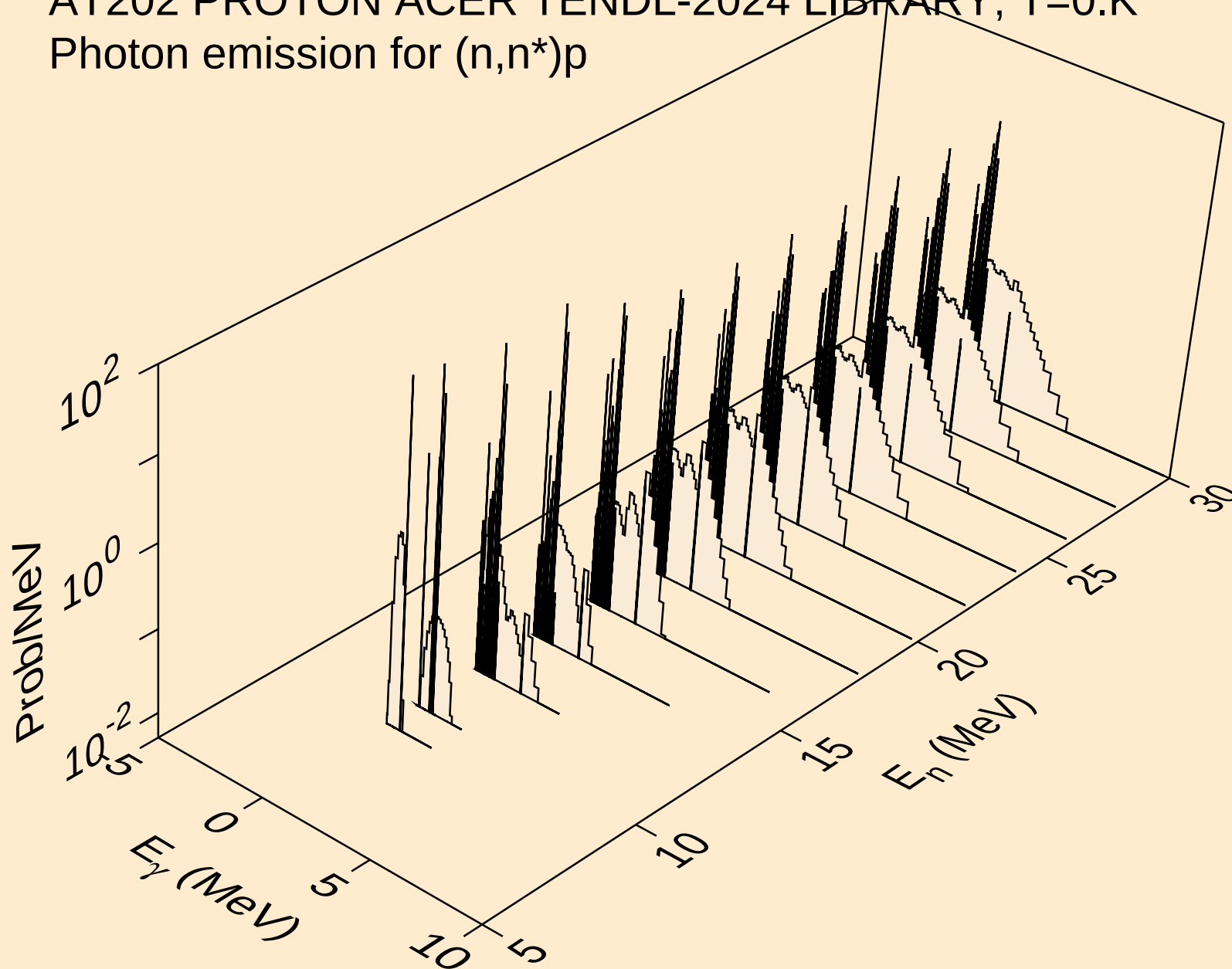


AT202 PROTON ACER TENDL-2024 LIBRARY; T=0.K

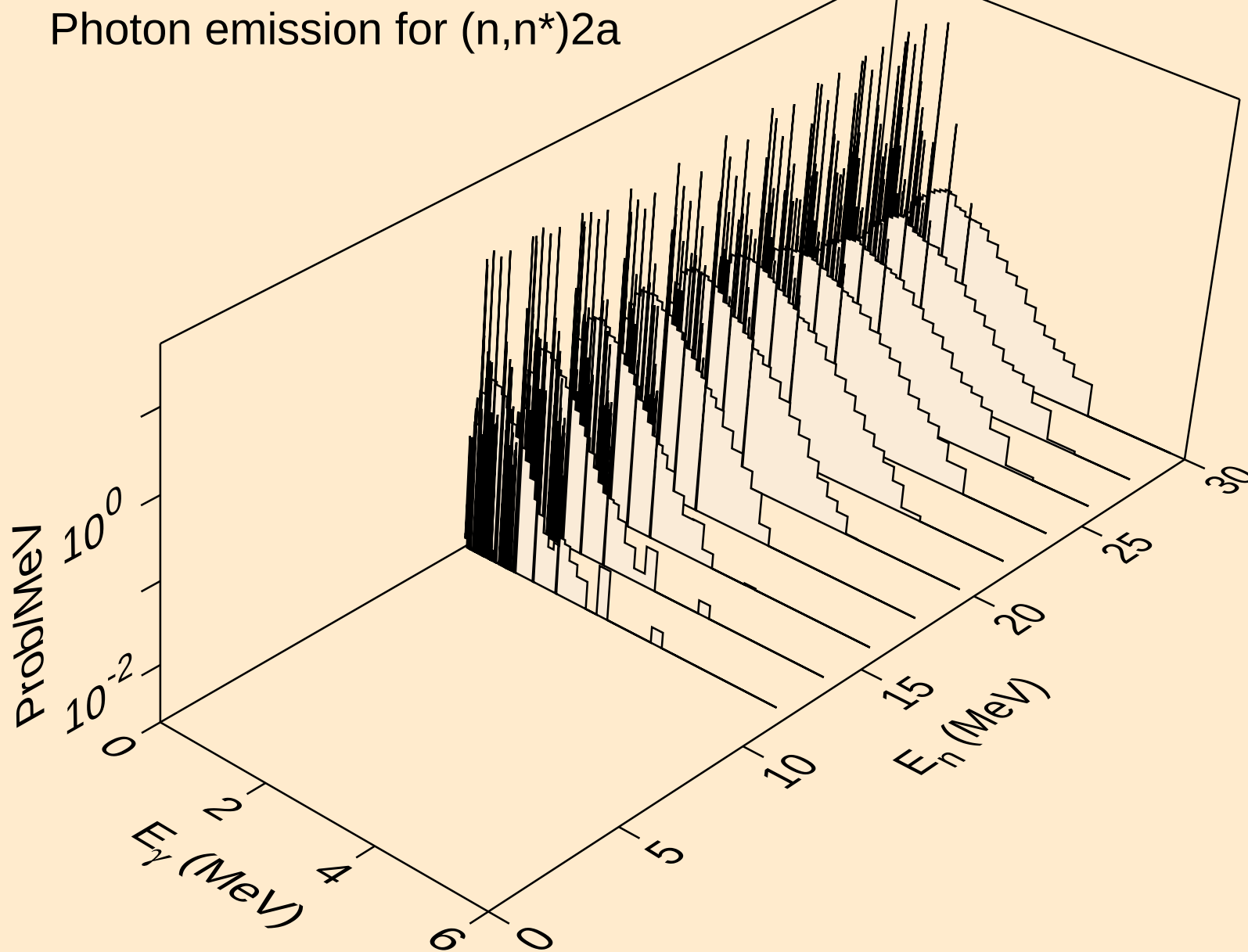
Photon emission for (n,3n) $\alpha$



AT202 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

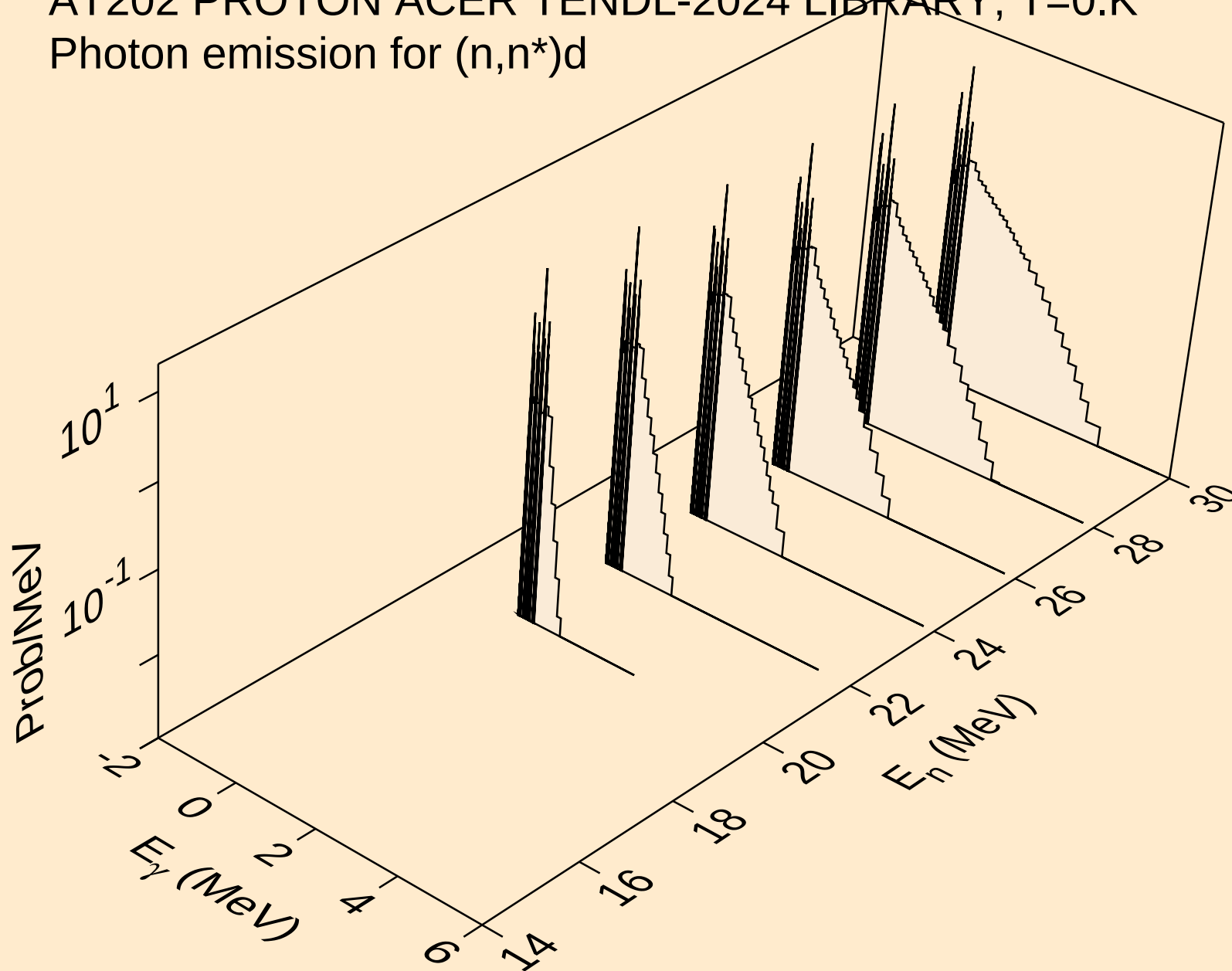


AT202 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



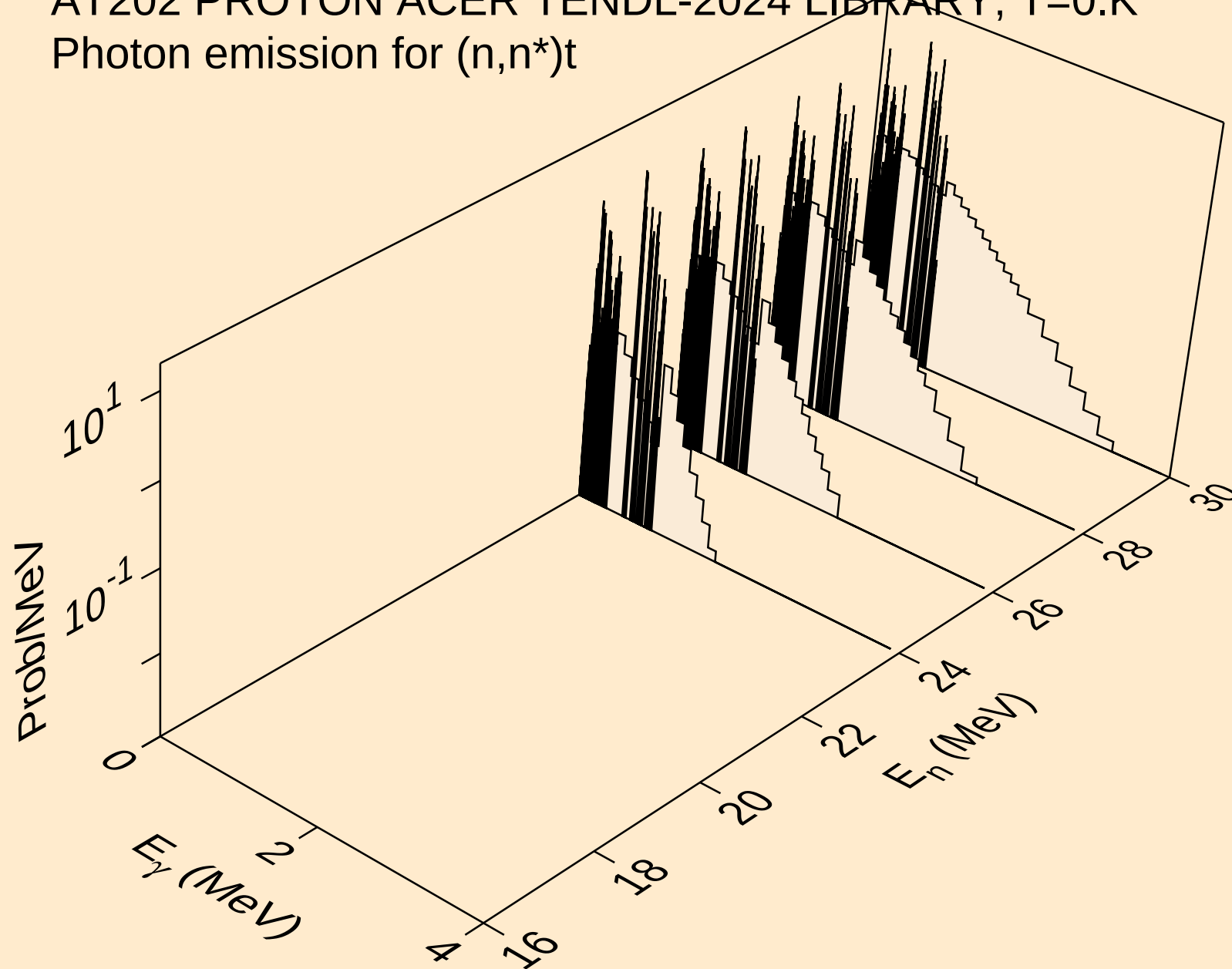
AT202 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)d

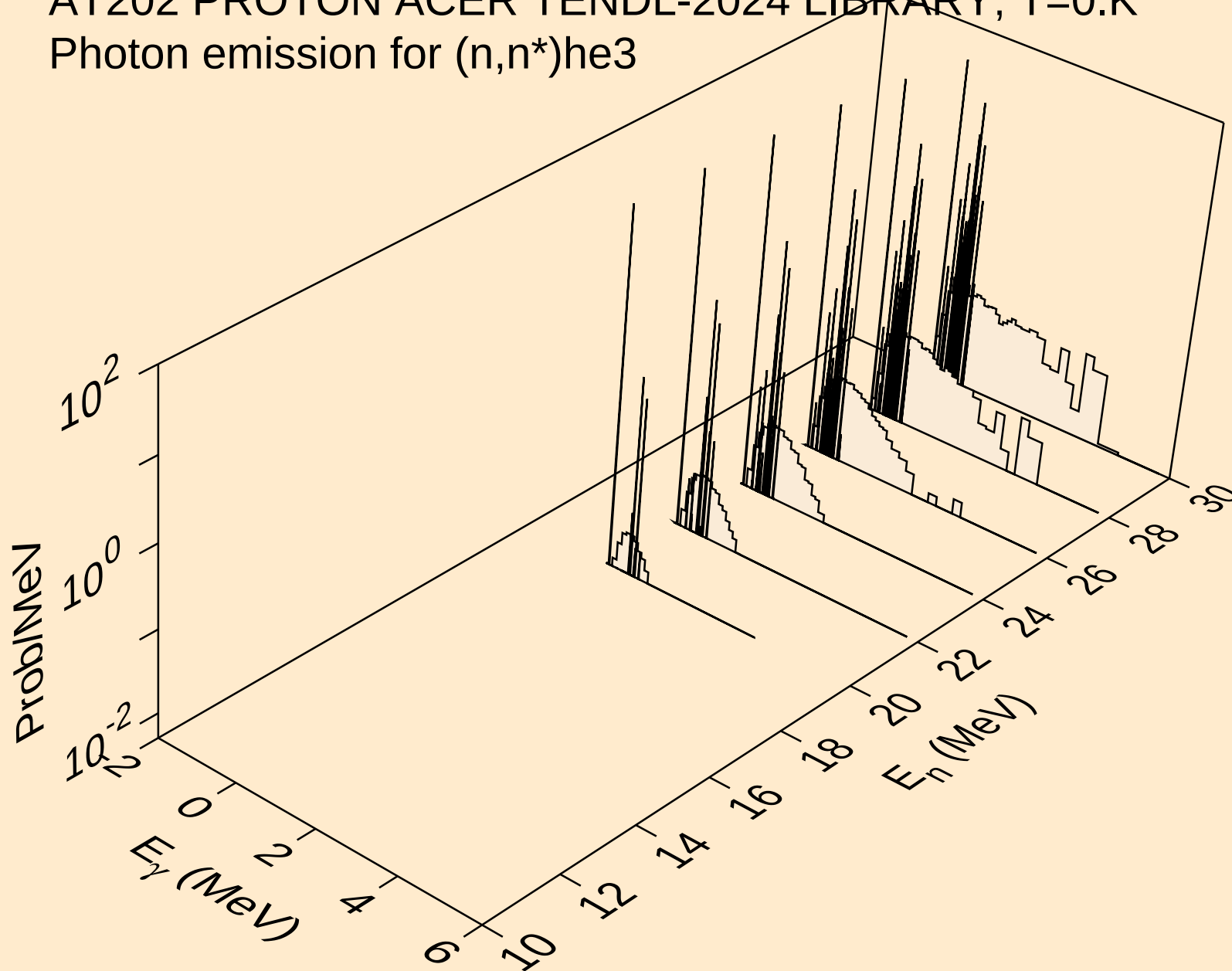


AT202 PROTON ACER TENDL-2024 LIBRARY; T=0.K

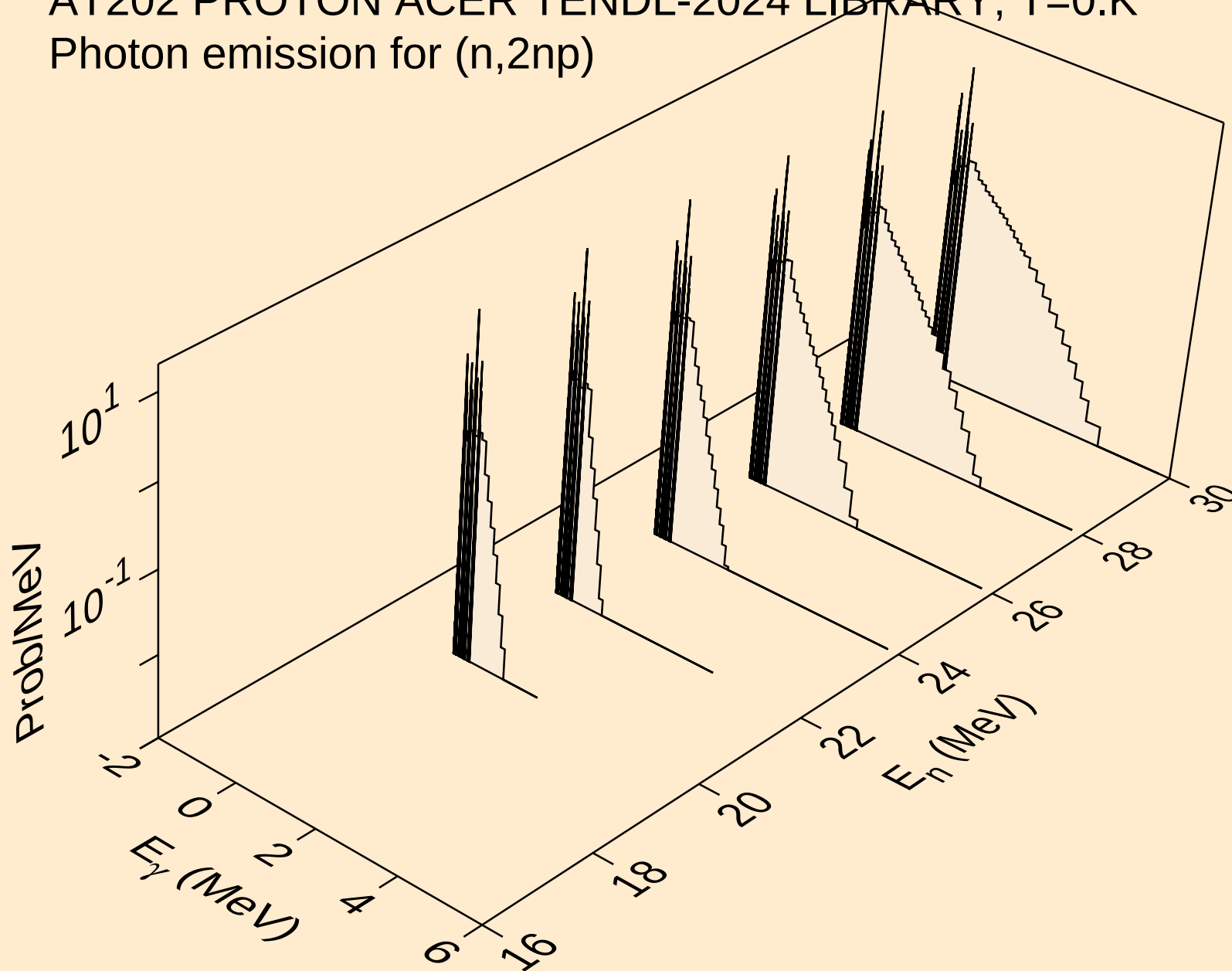
Photon emission for (n,n\*)t



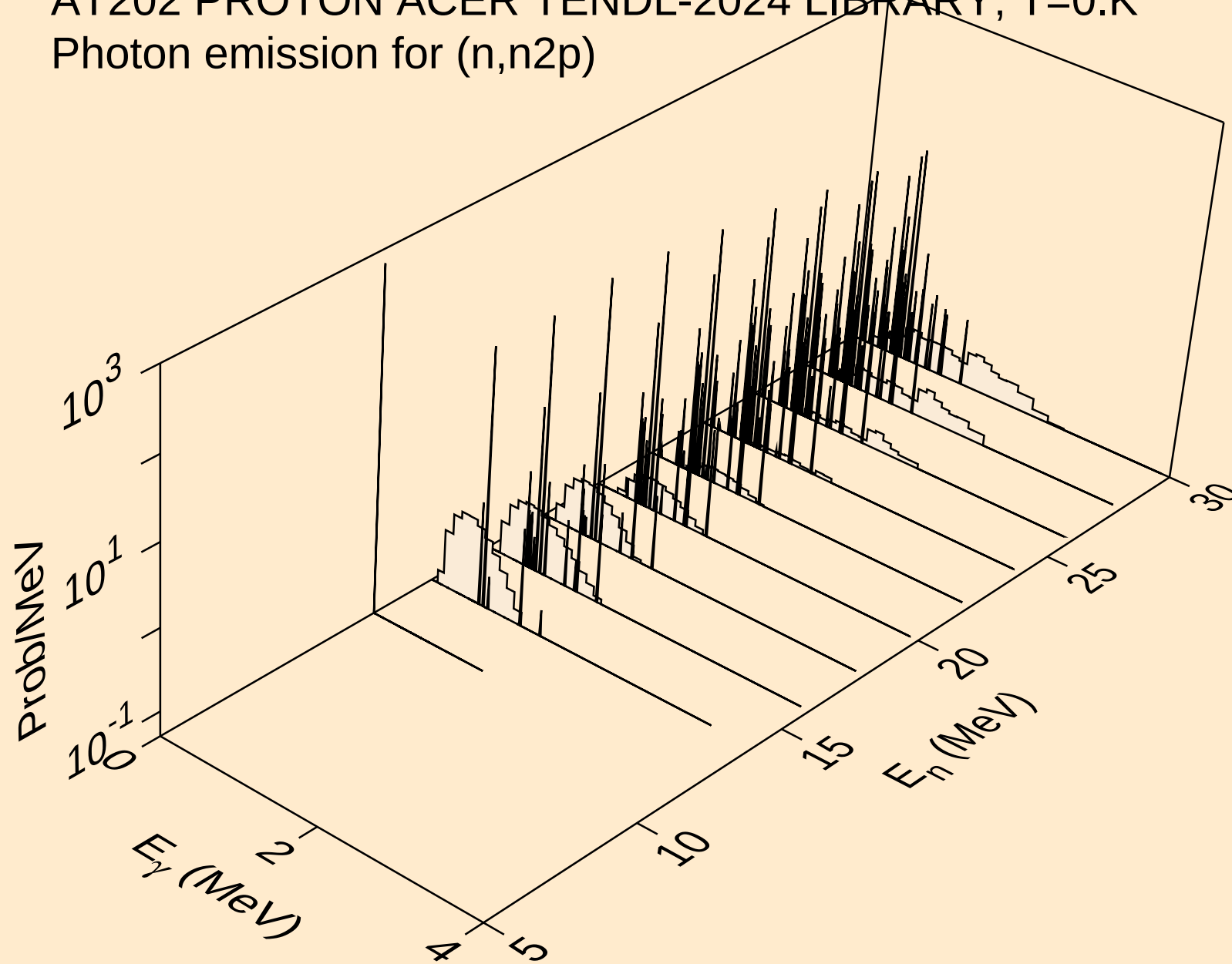
AT202 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



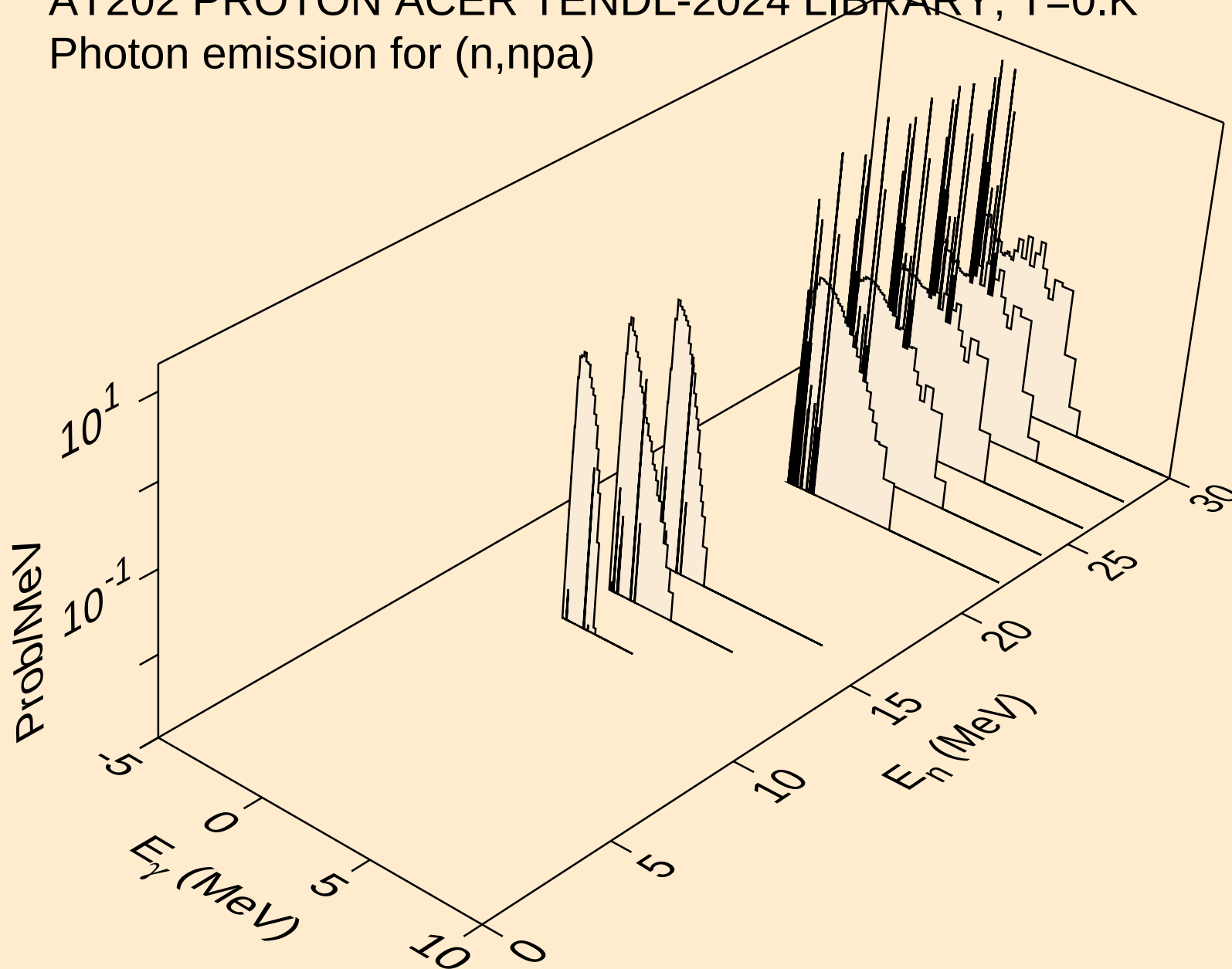
AT202 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



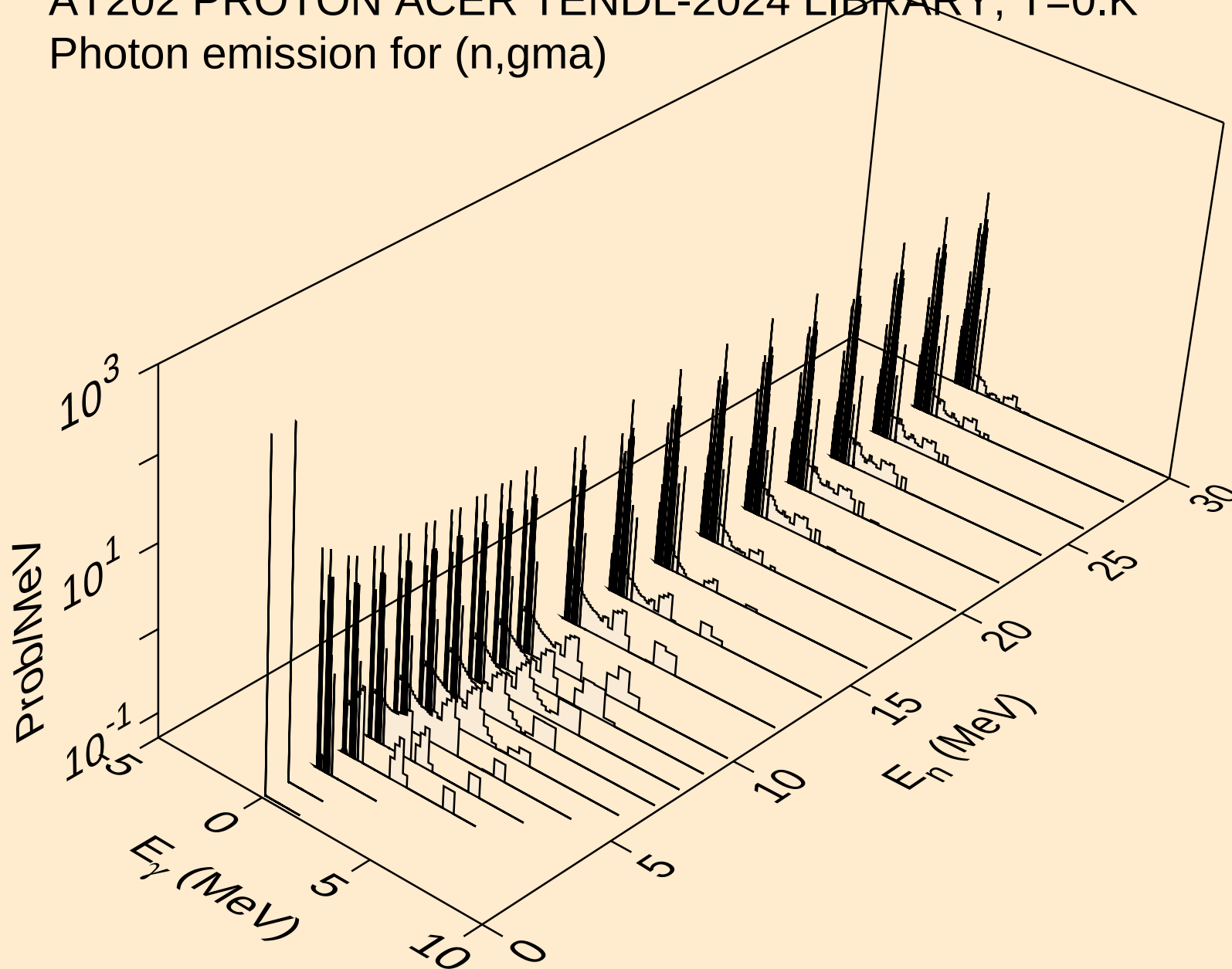
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Photon emission for (n,n2p)



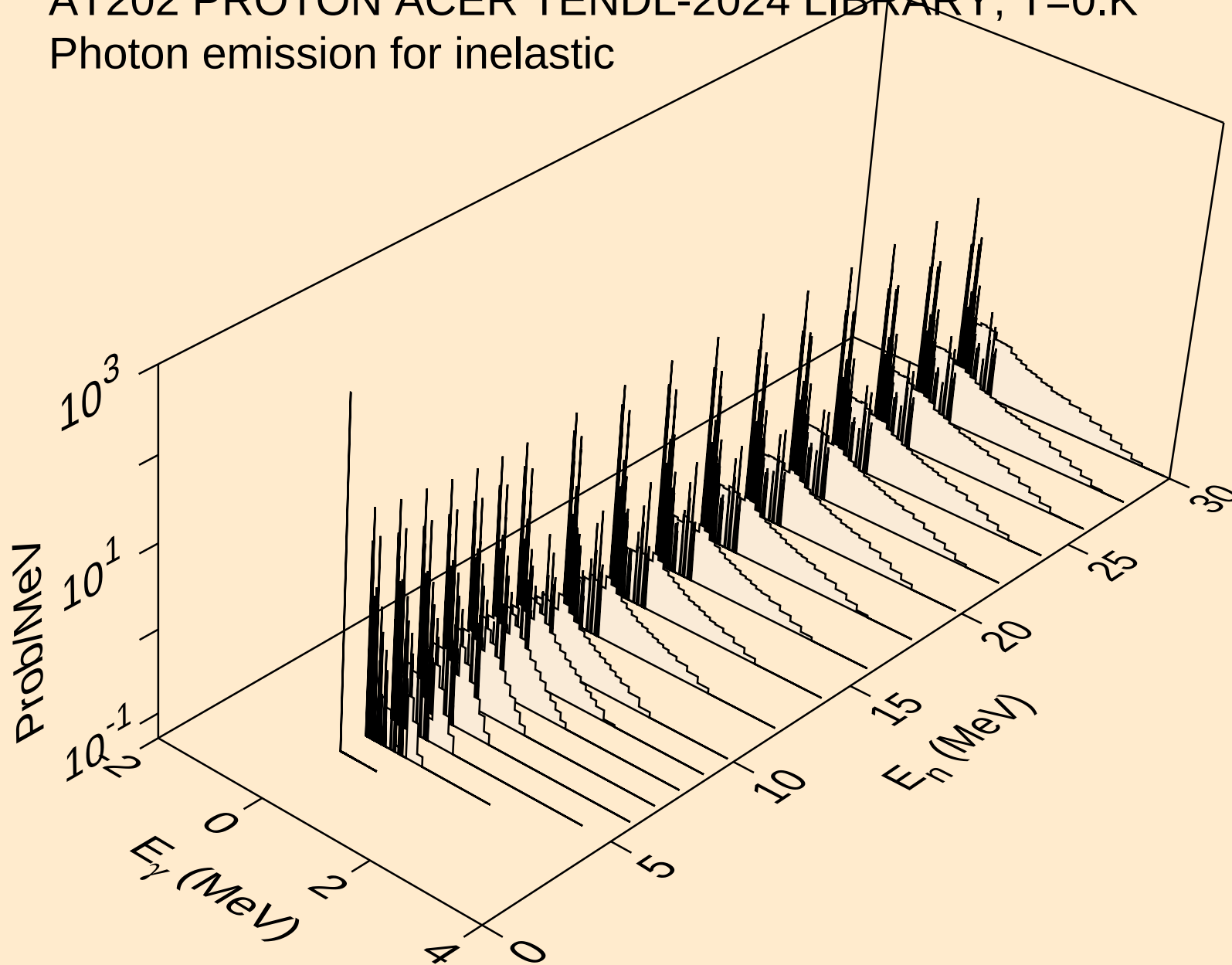
AT202 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (n,npa)



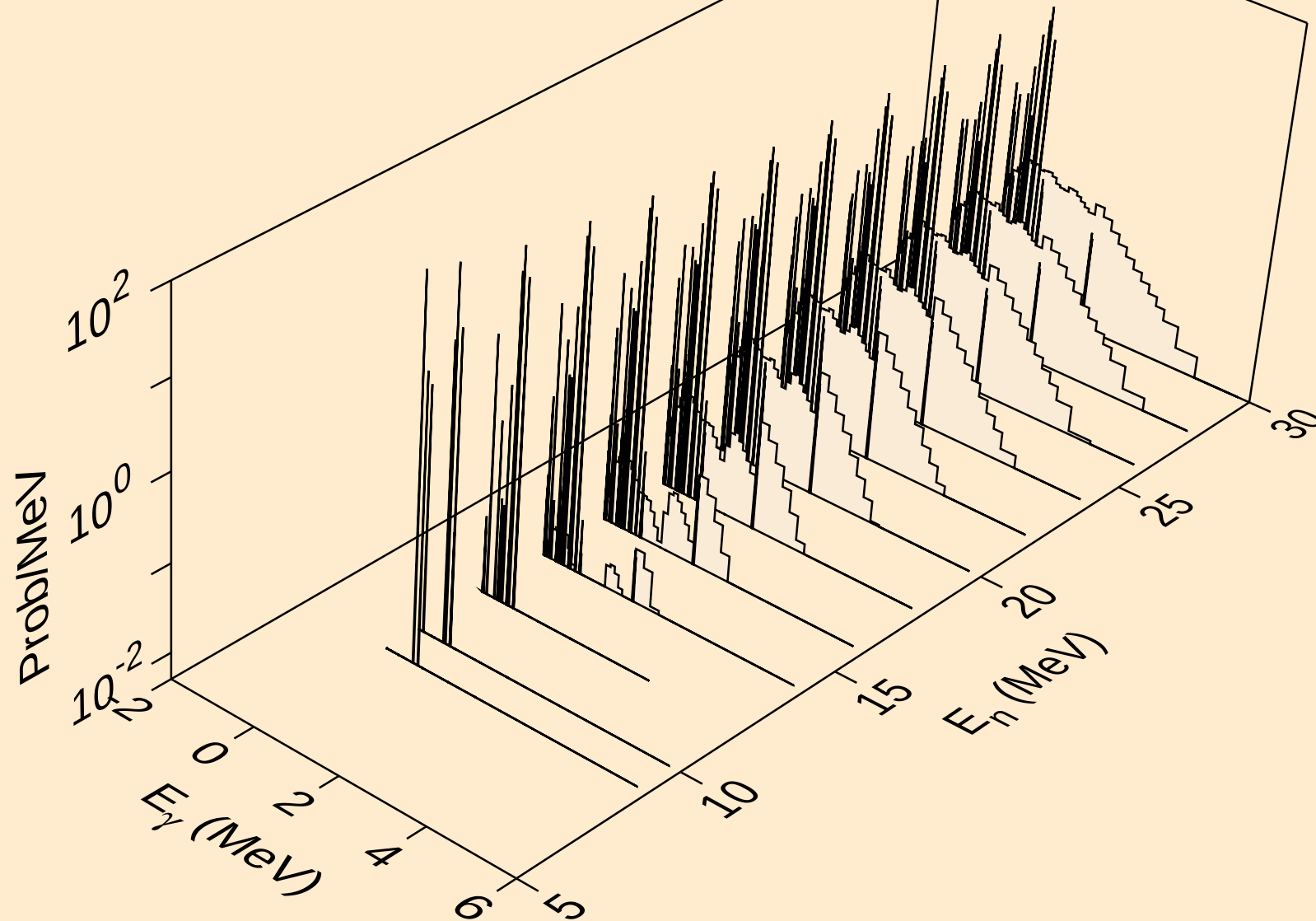
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Photon emission for (n,gma)



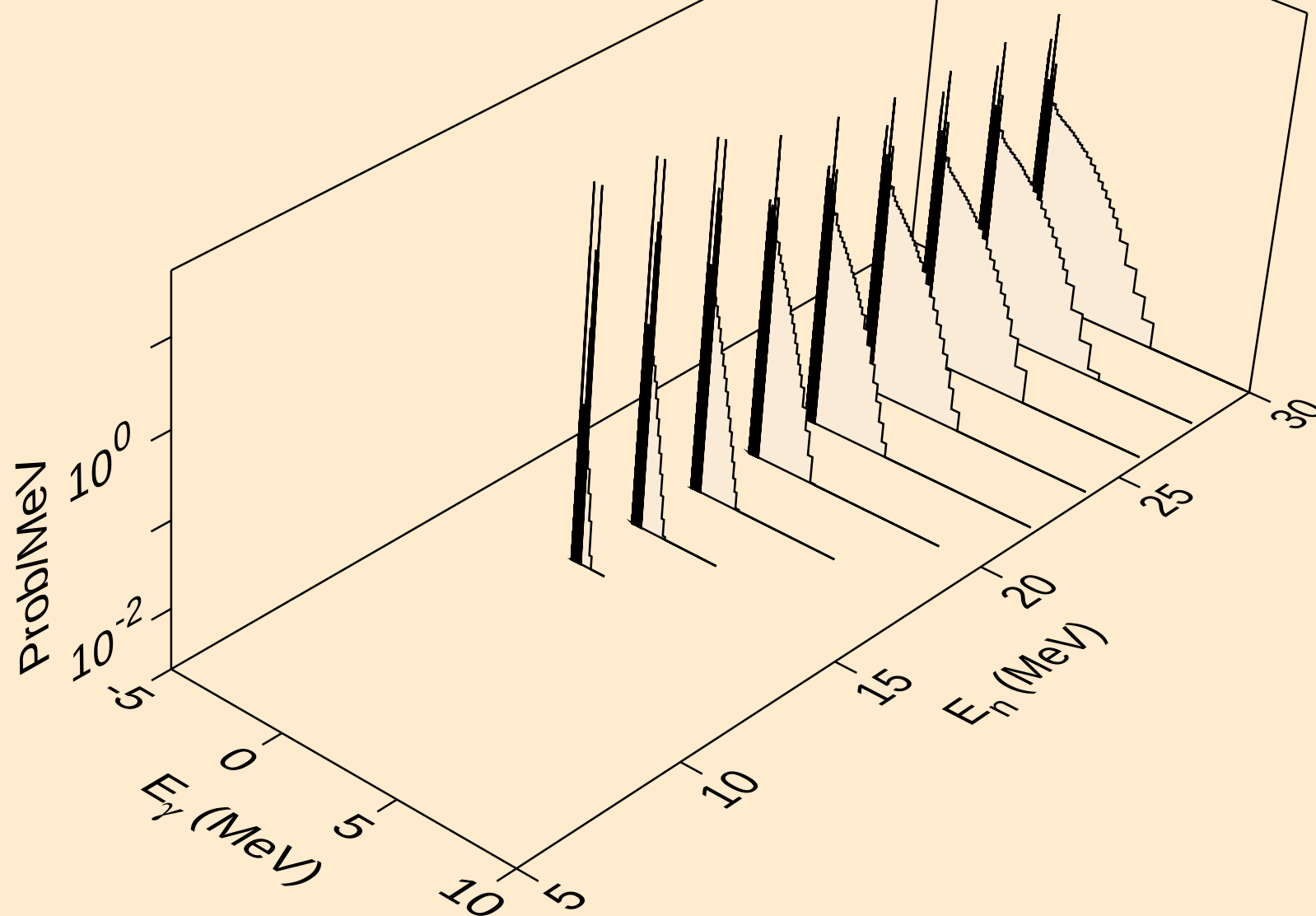
AT202 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic



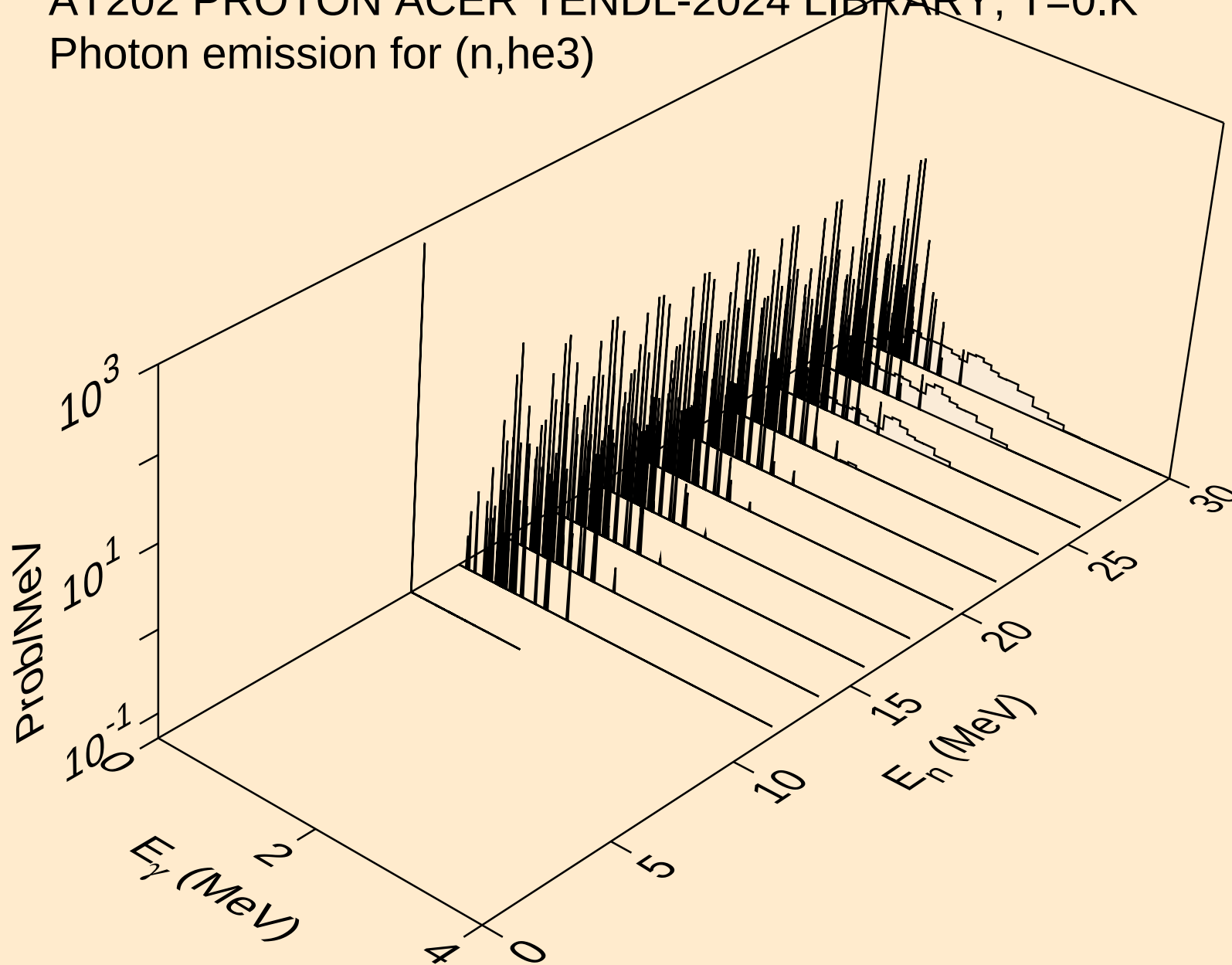
AT202 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (n,d)



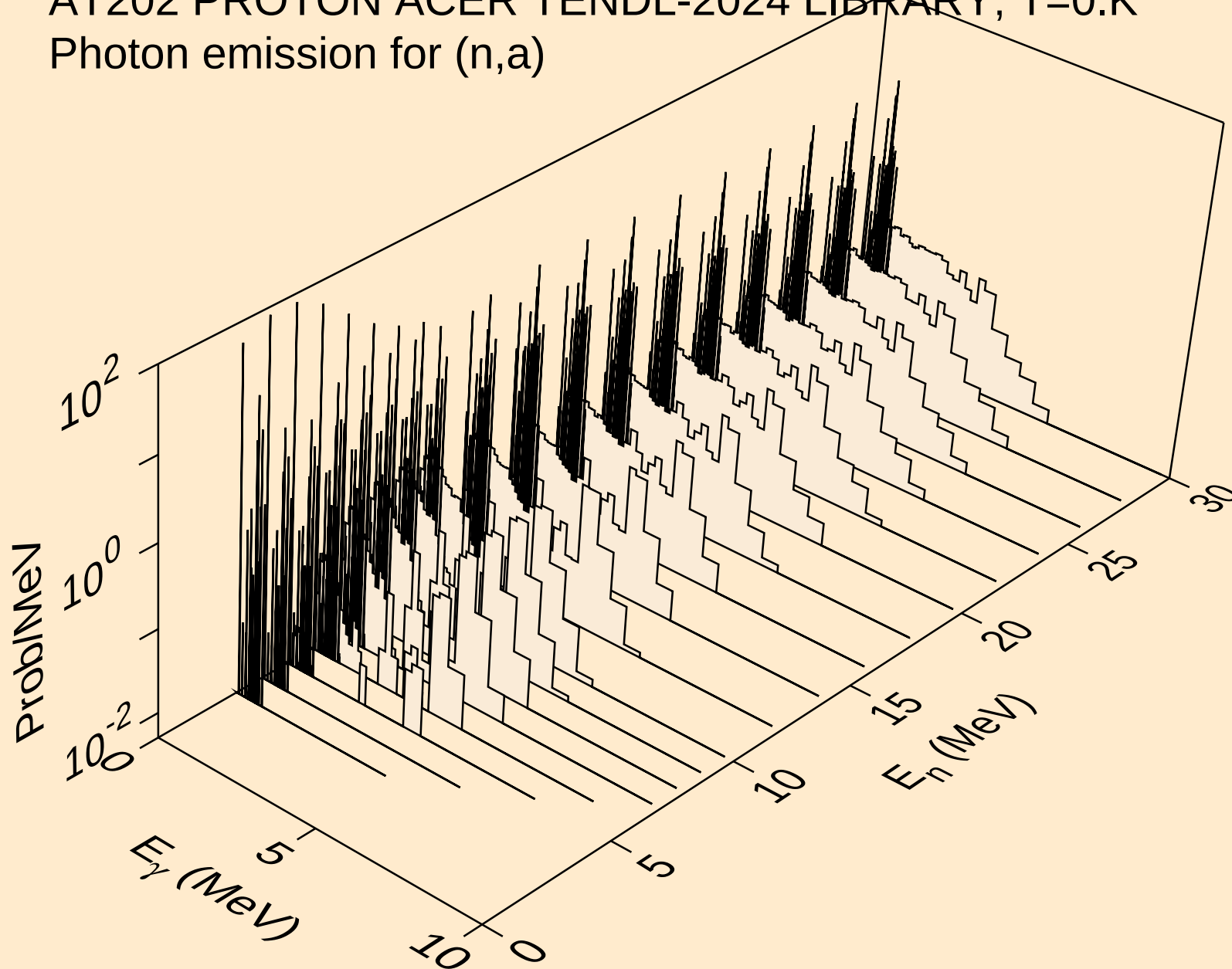
AT202 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



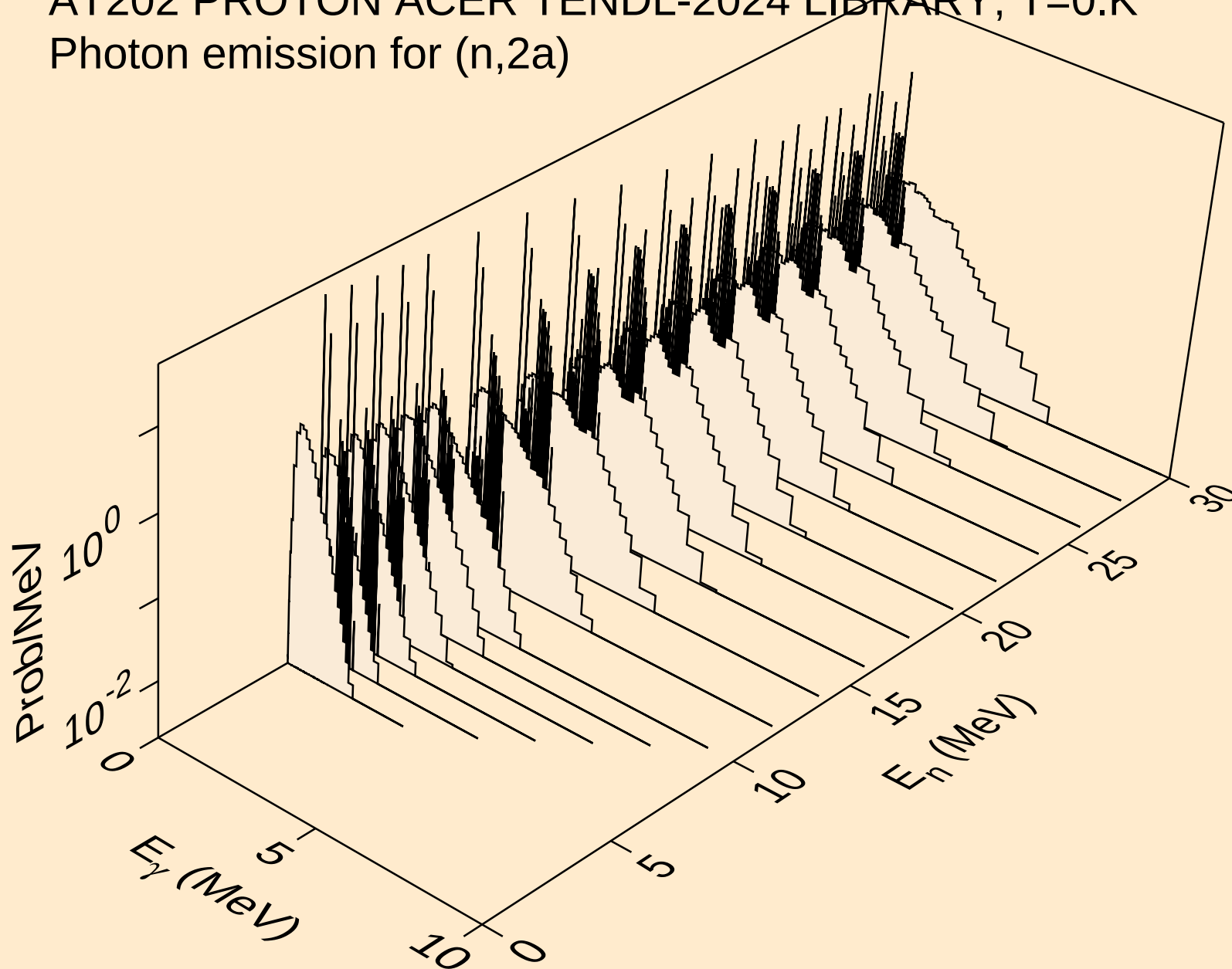
AT202 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



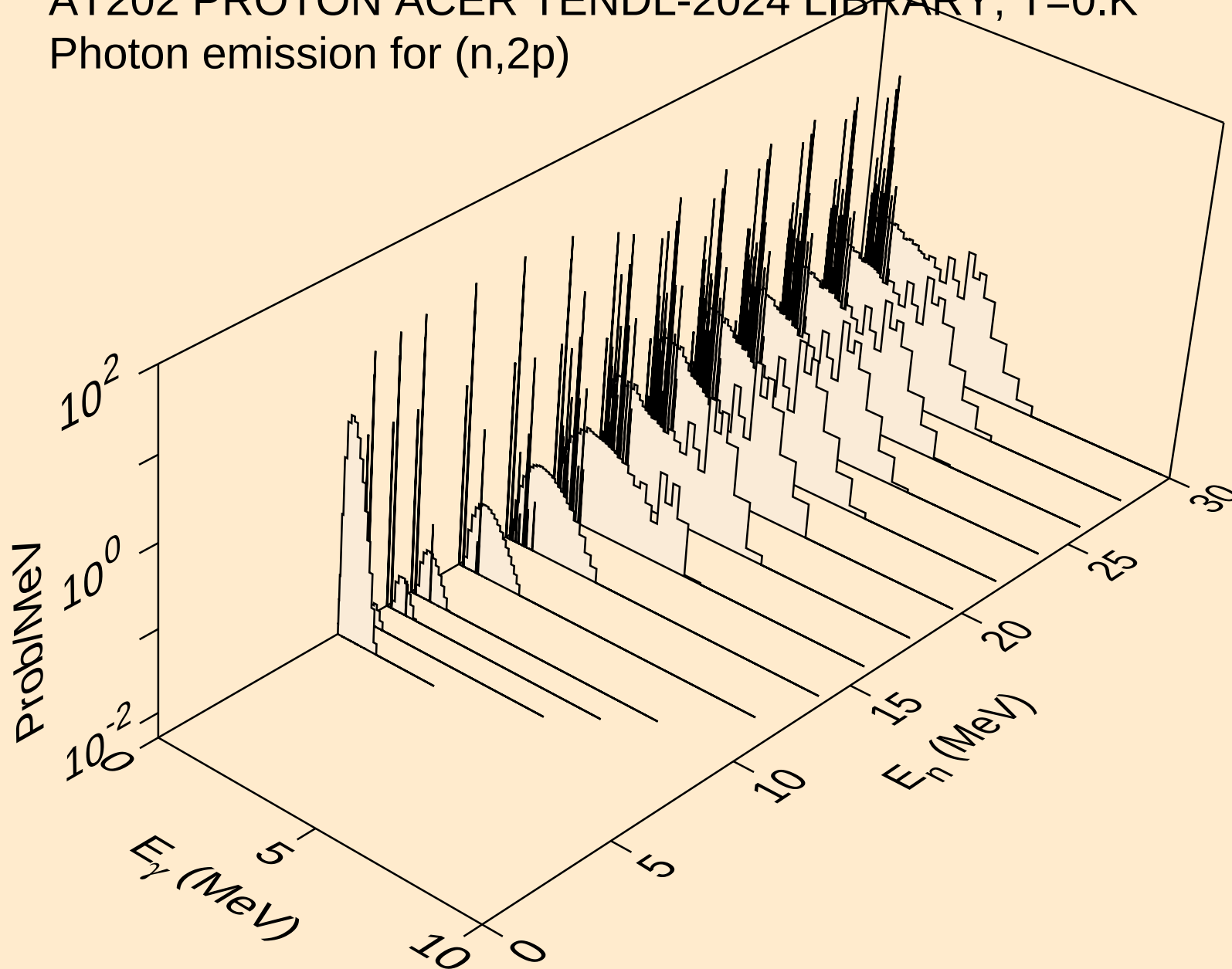
AT202 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (n,a)



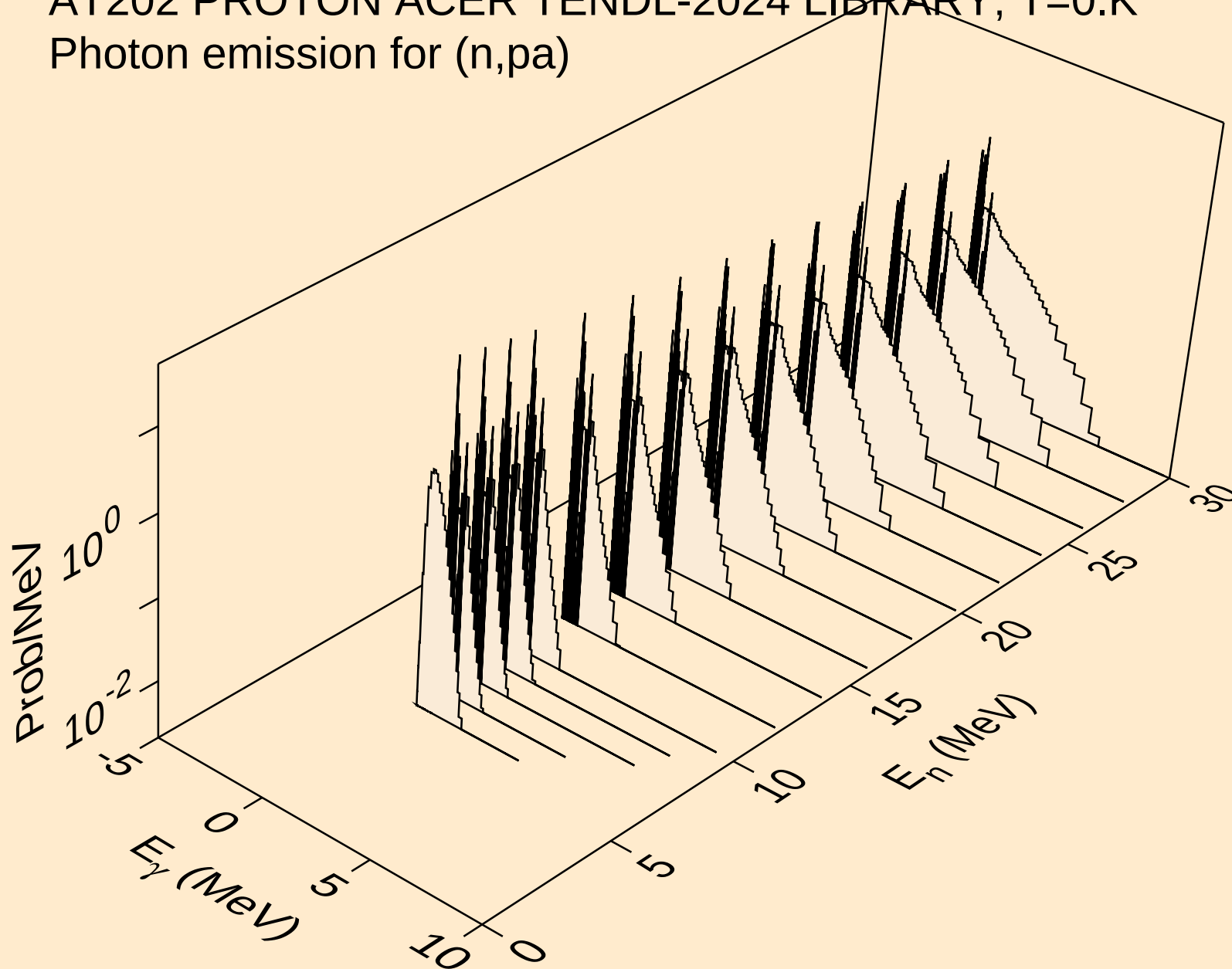
AT202 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



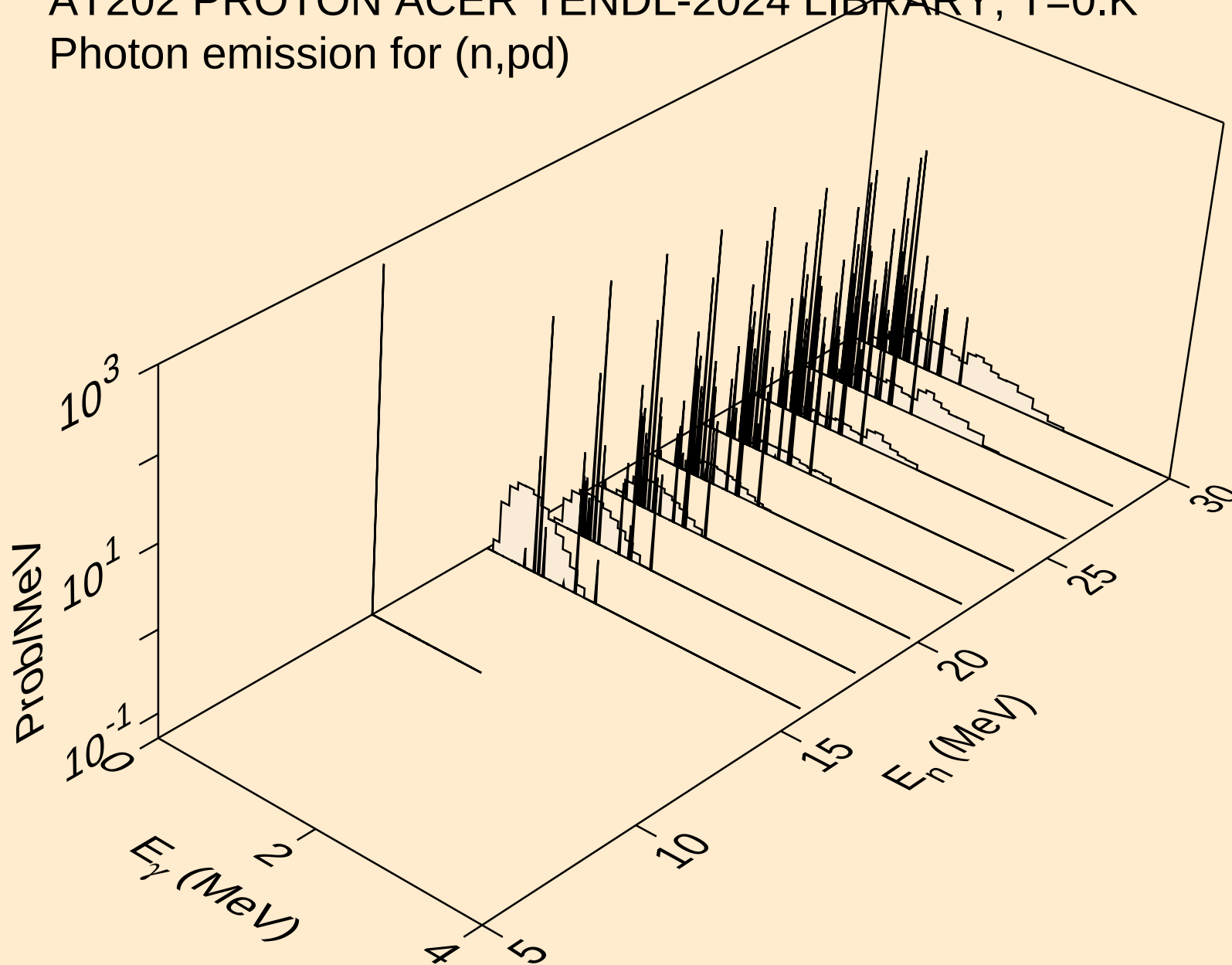
AT202 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (n,2p)



AT202 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )

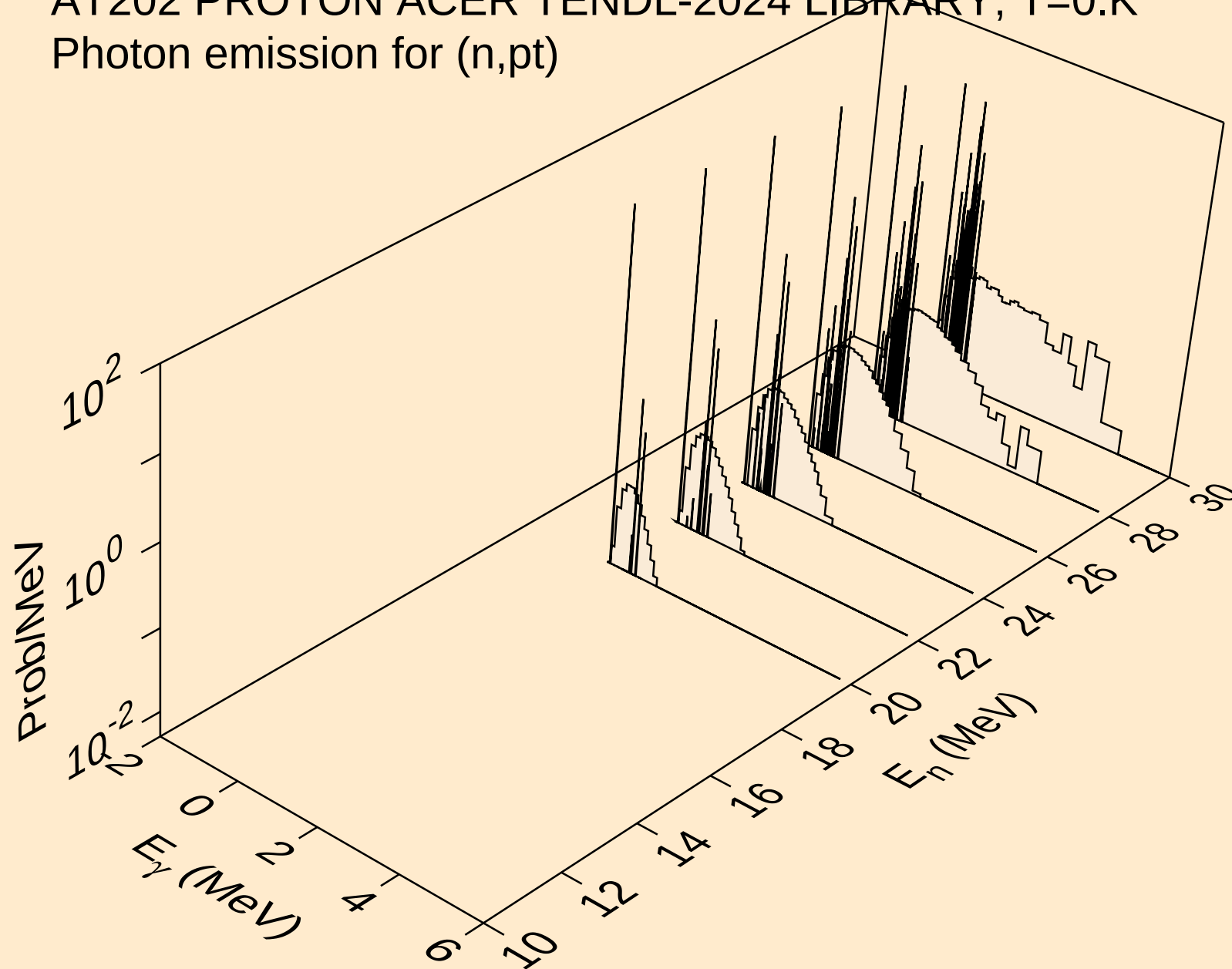


AT202 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)

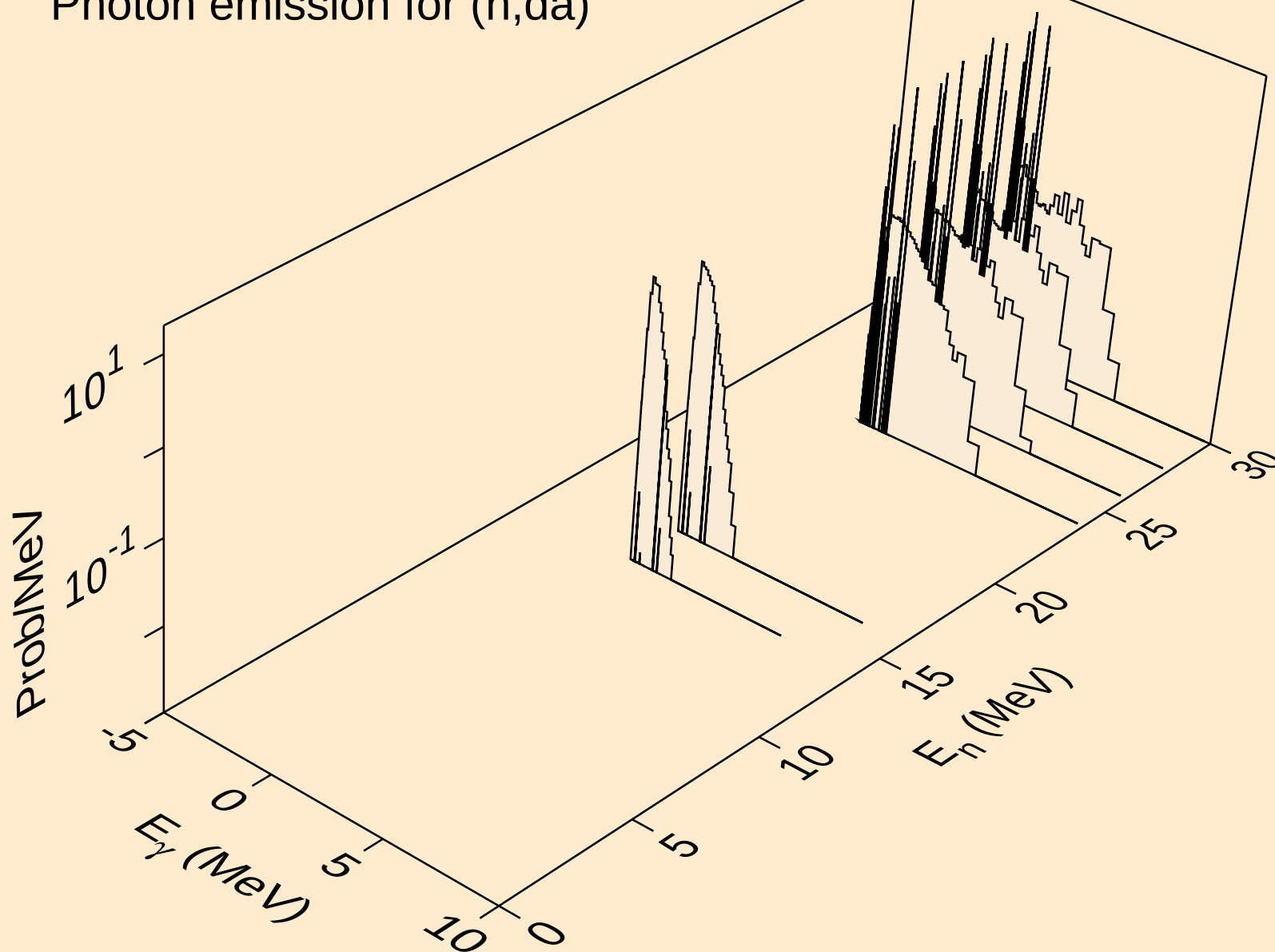


AT202 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,pt)

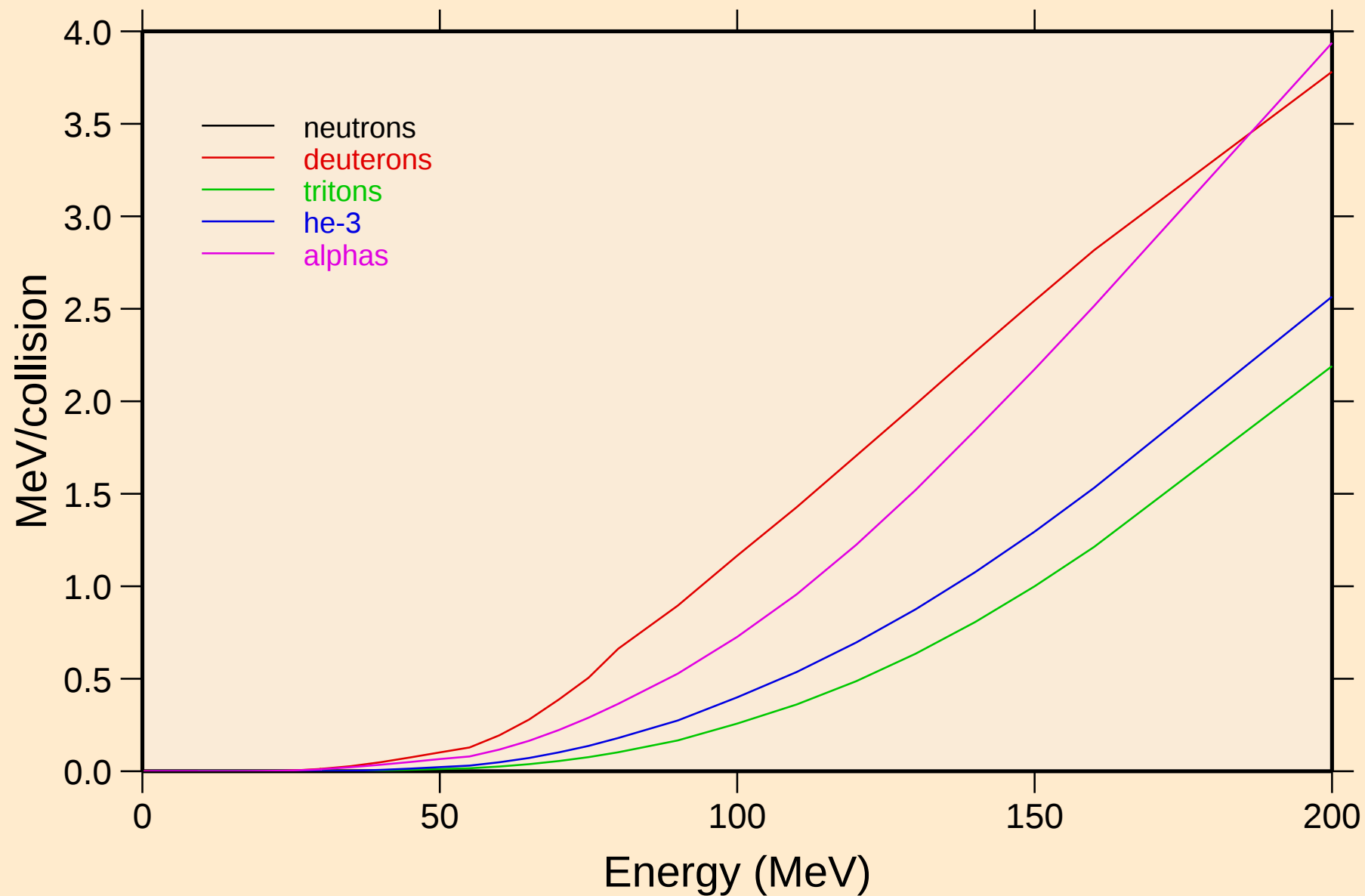


AT202 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



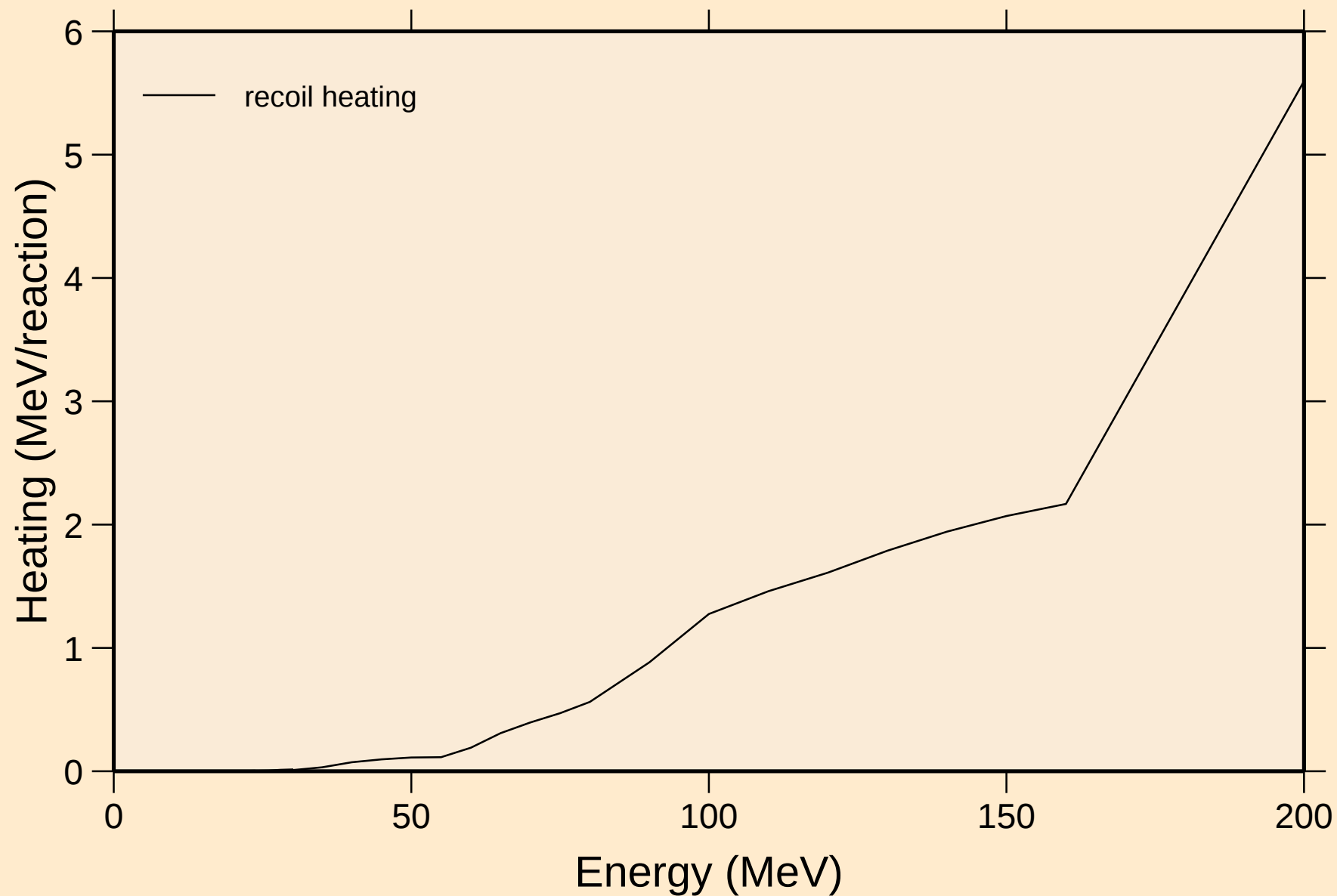
# AT202 PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions



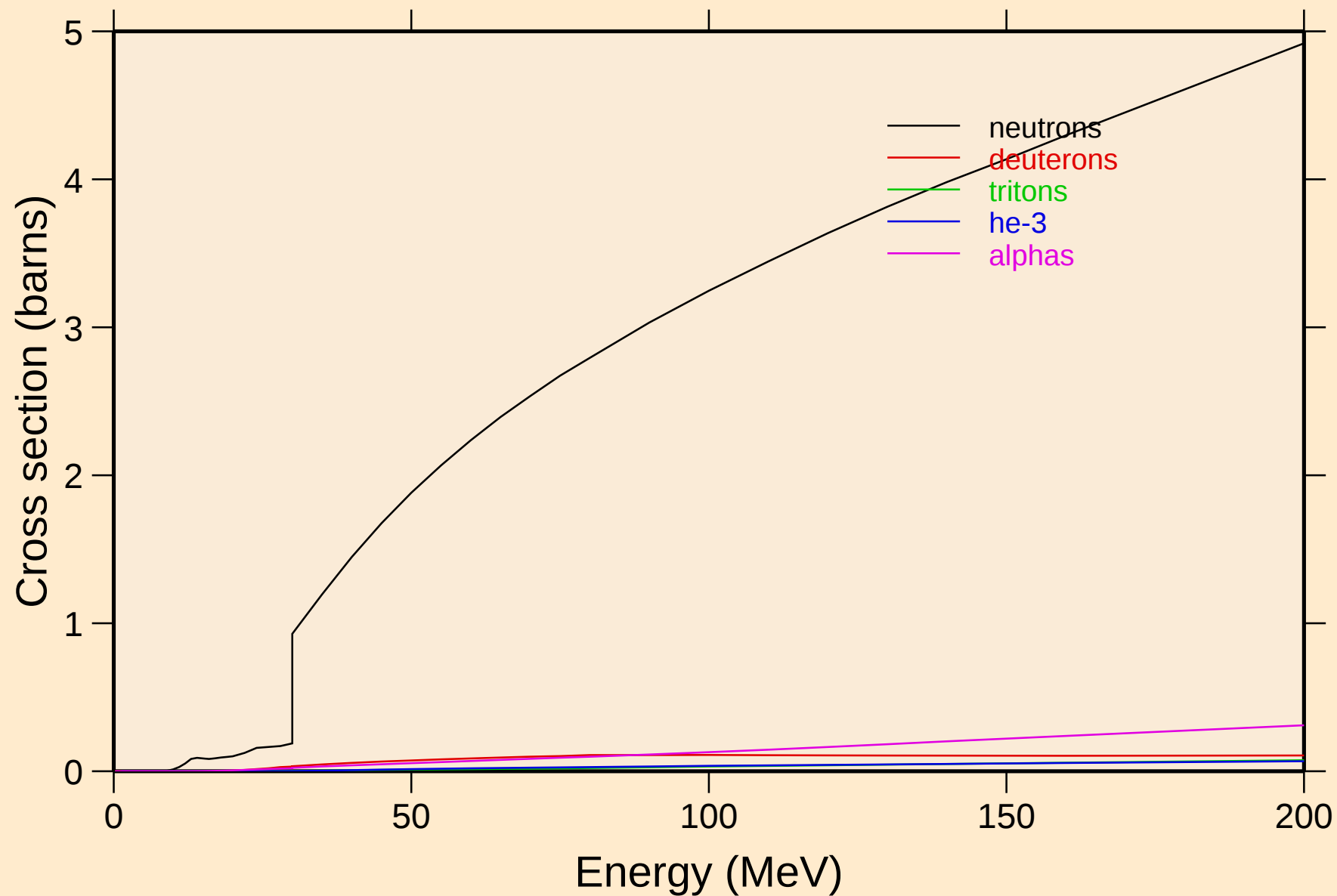
AT202 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Recoil Heating

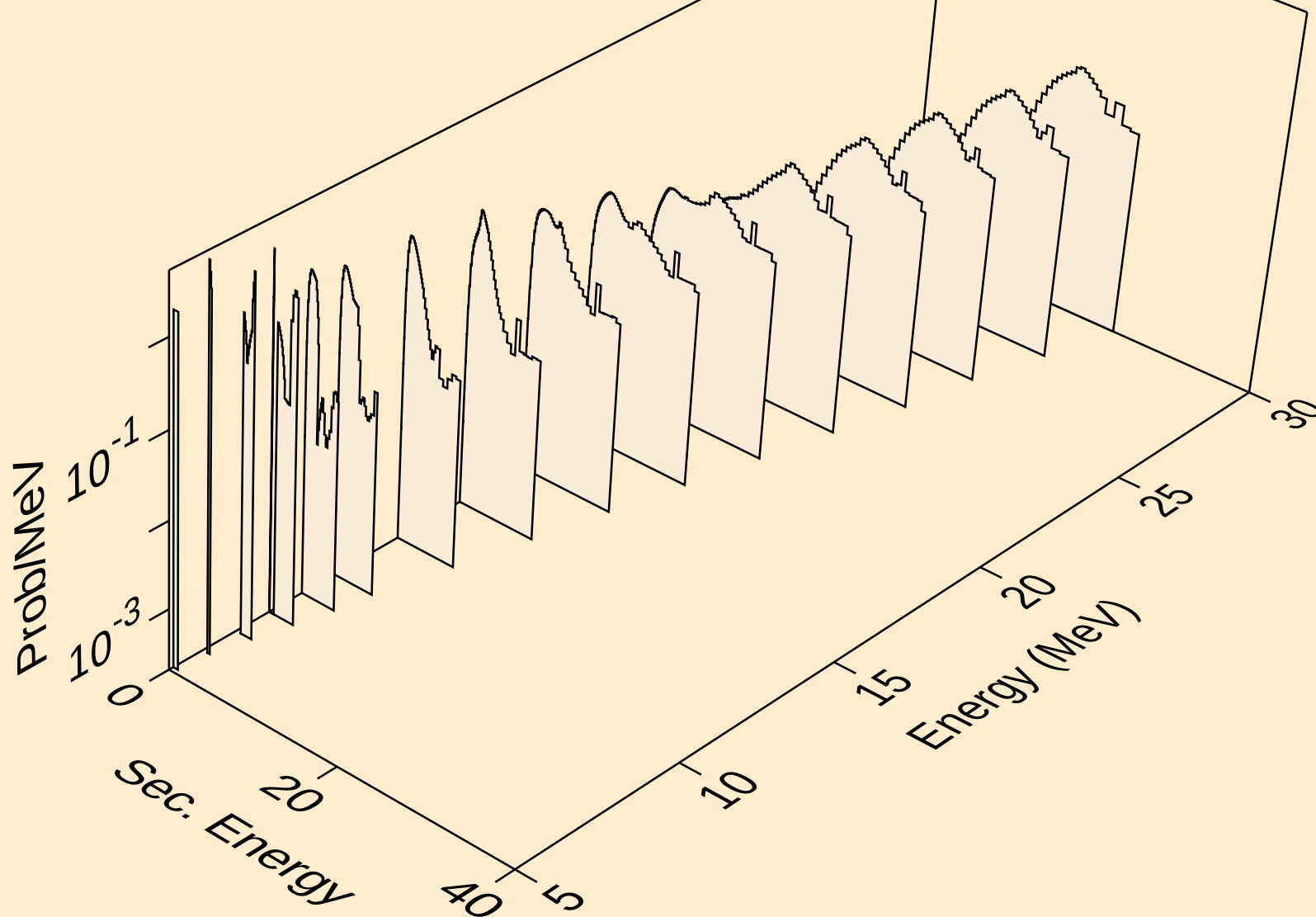


# AT202 PROTON ACER TENDL-2024 LIBRARY; T=0.K

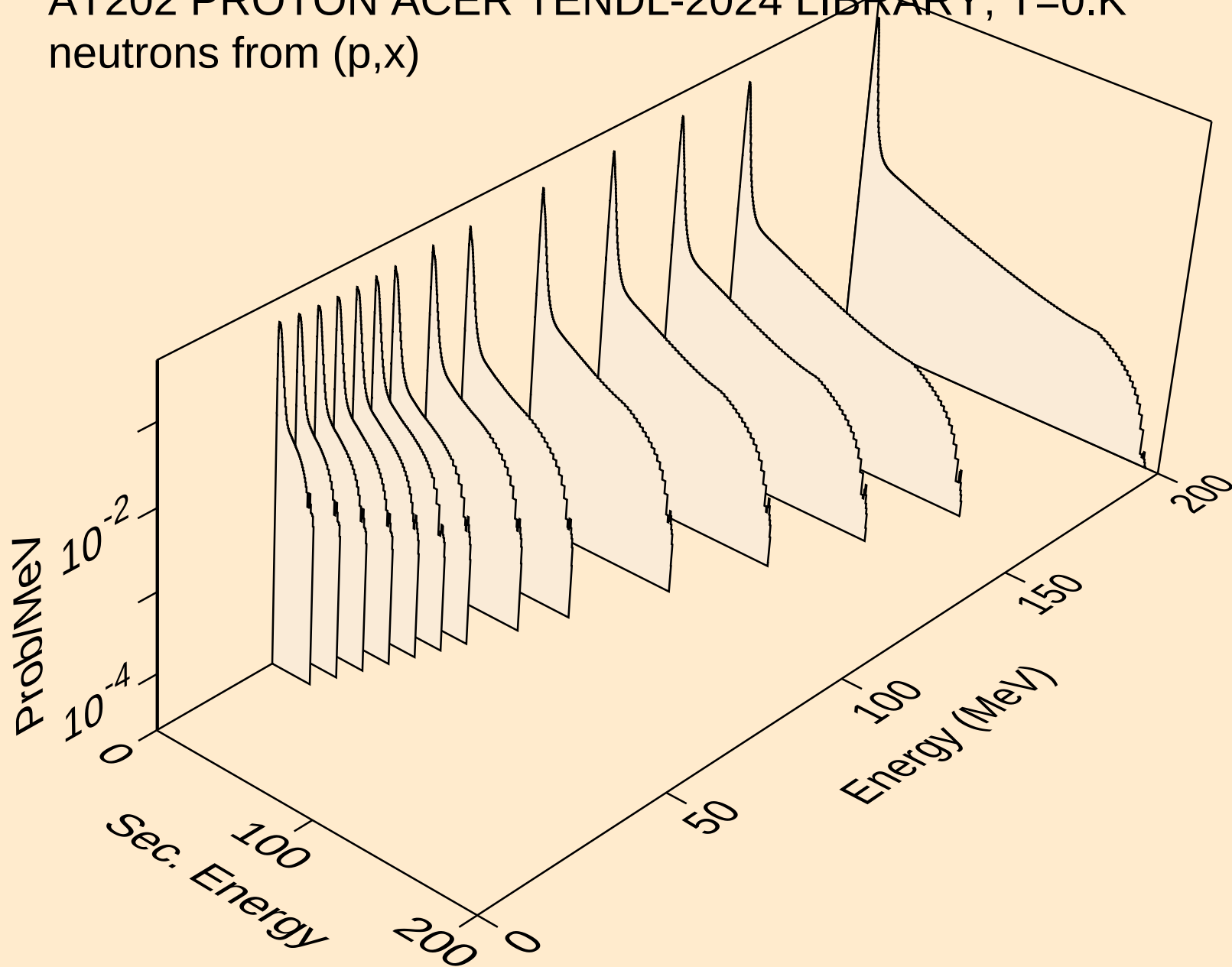
## Particle production cross sections



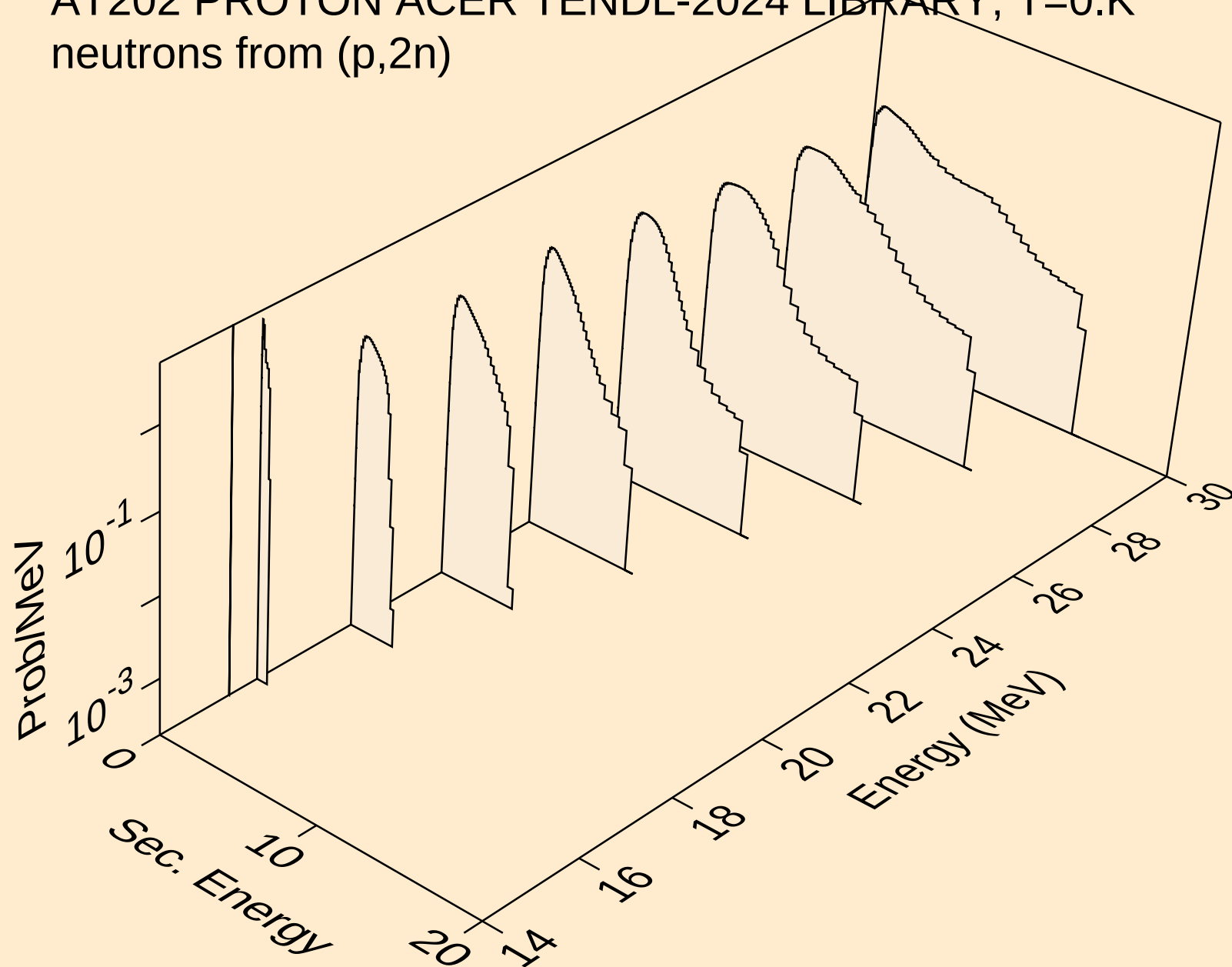
AT202 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n)



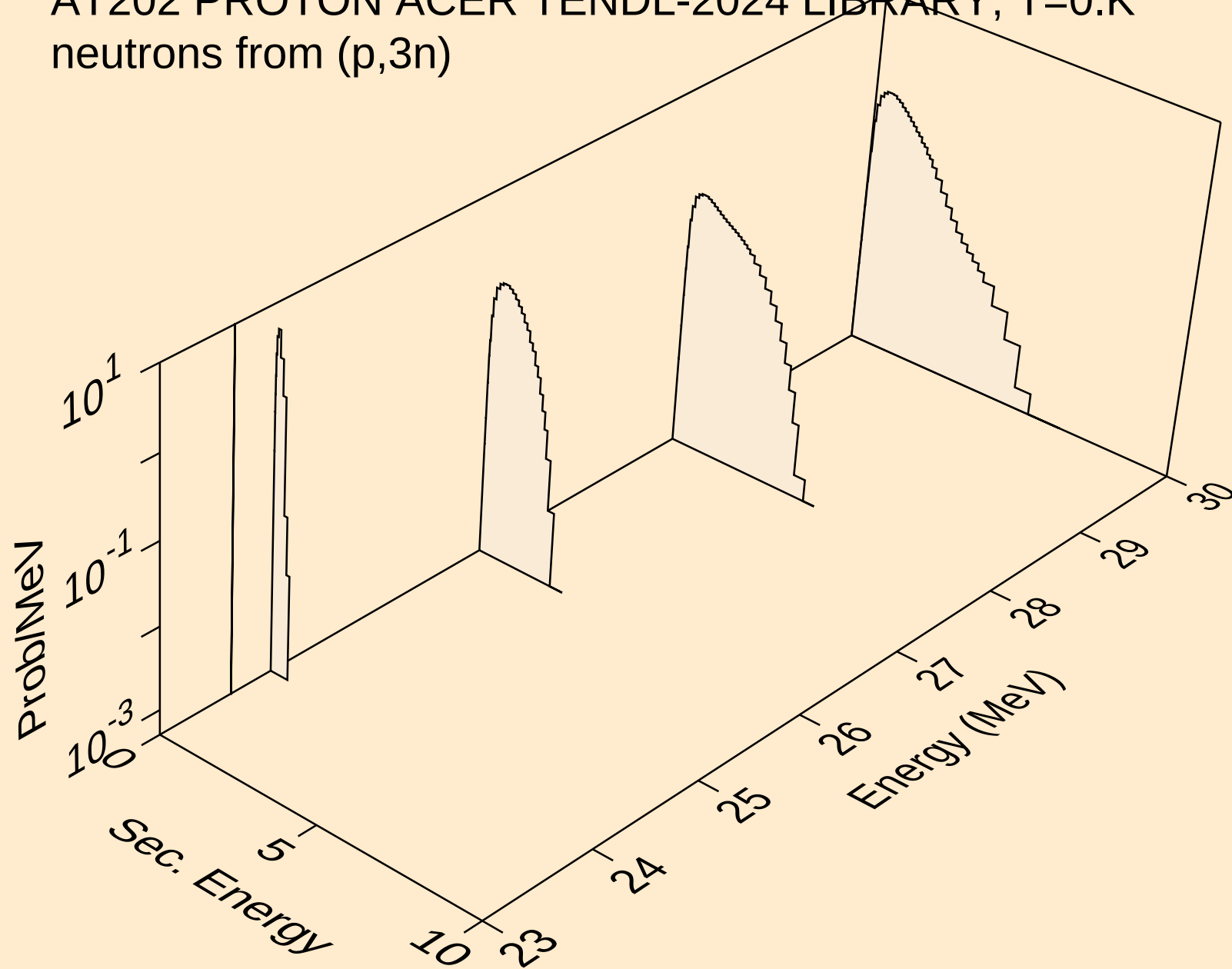
AT202 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,x)



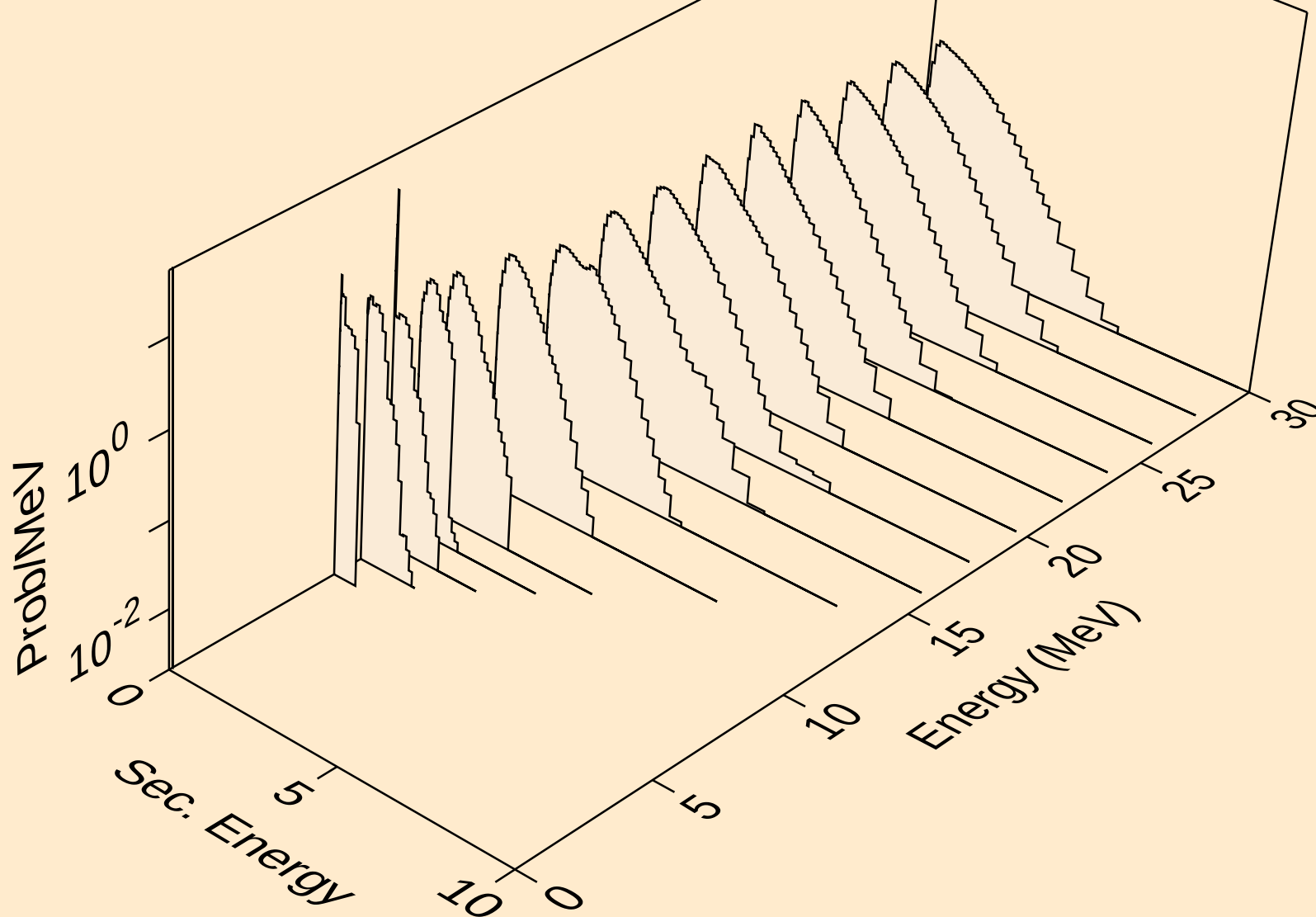
AT202 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,2n)



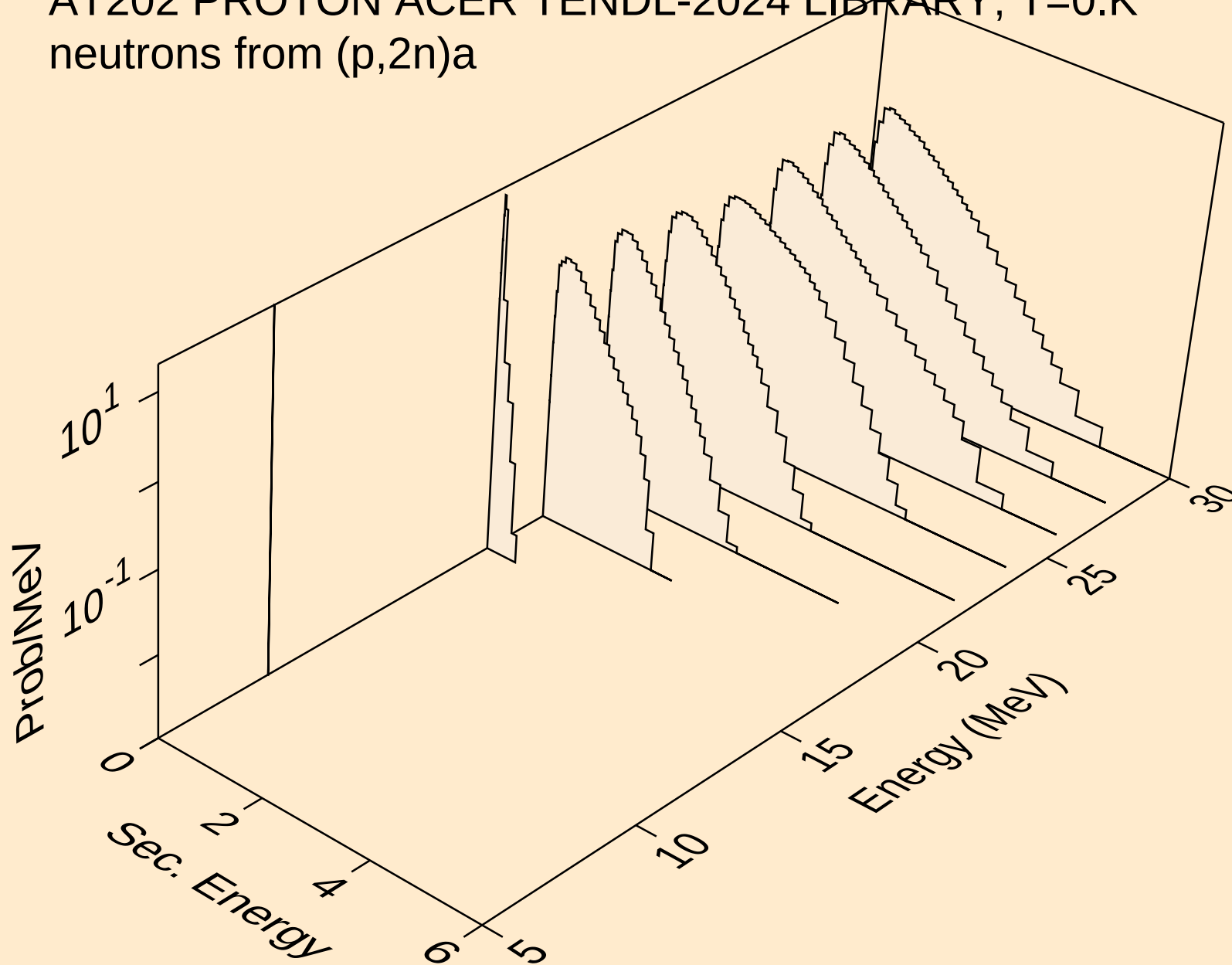
AT202 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,3n)



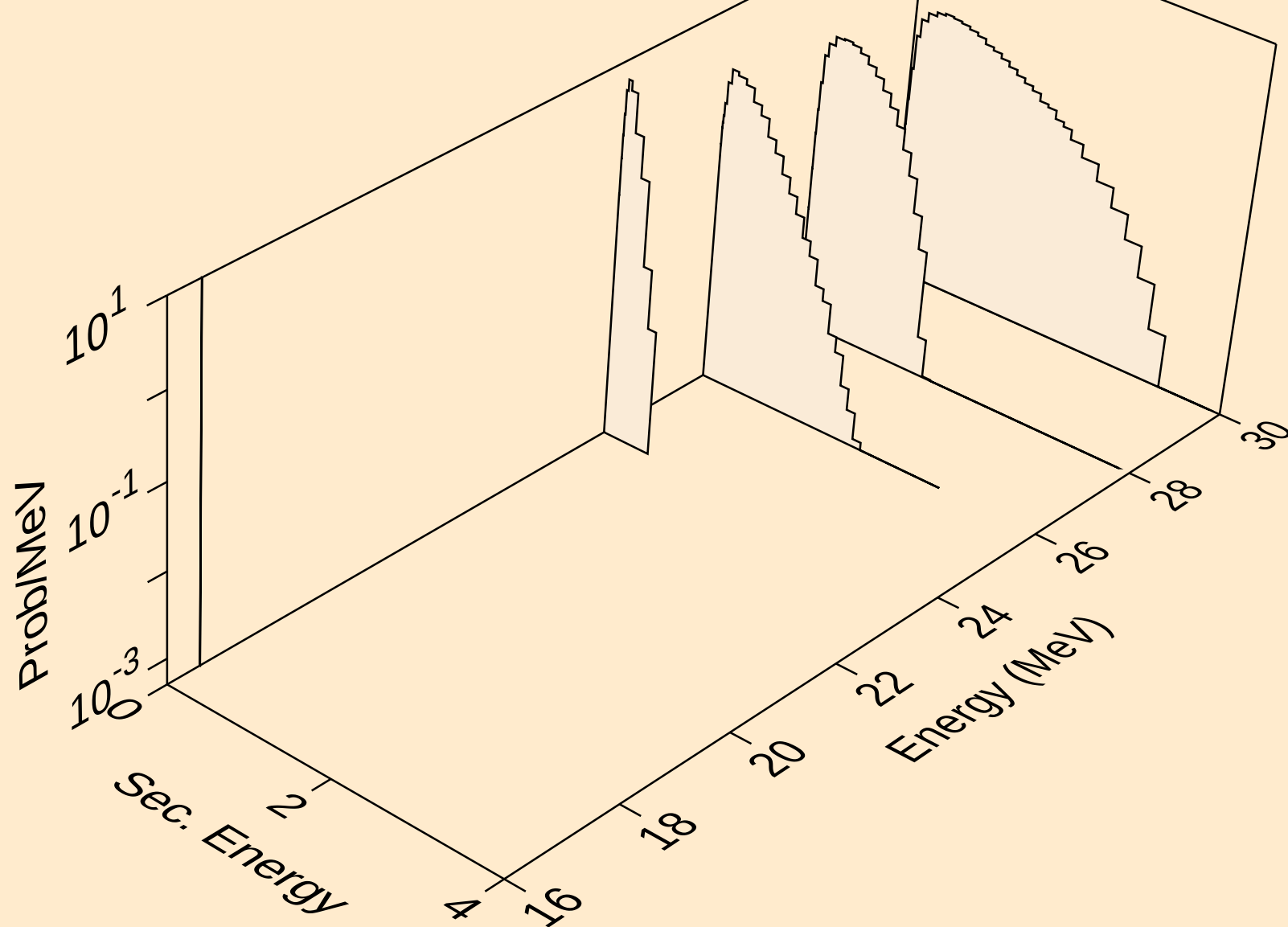
AT202 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)a



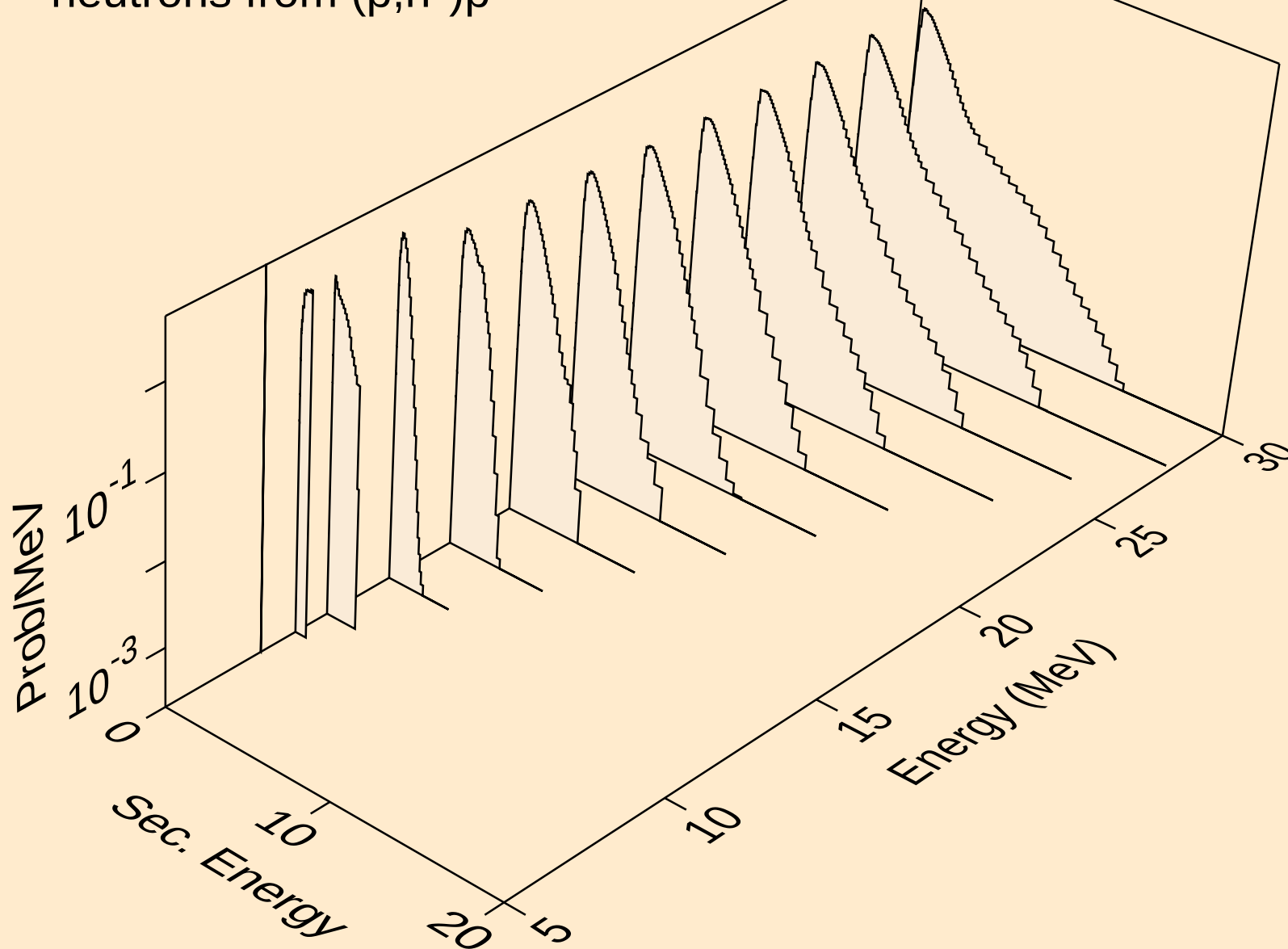
AT202 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,2n)a



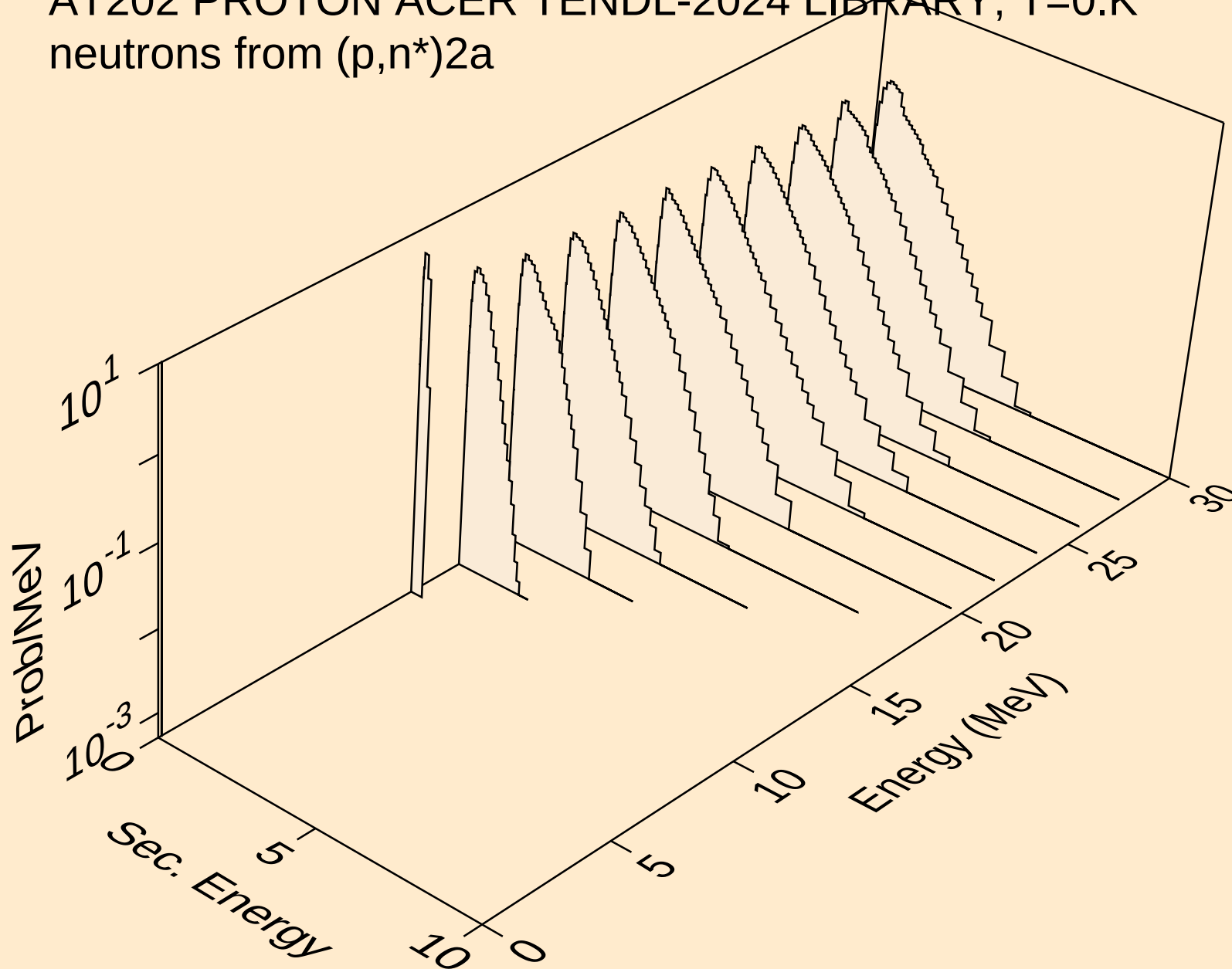
AT202 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,3n)a



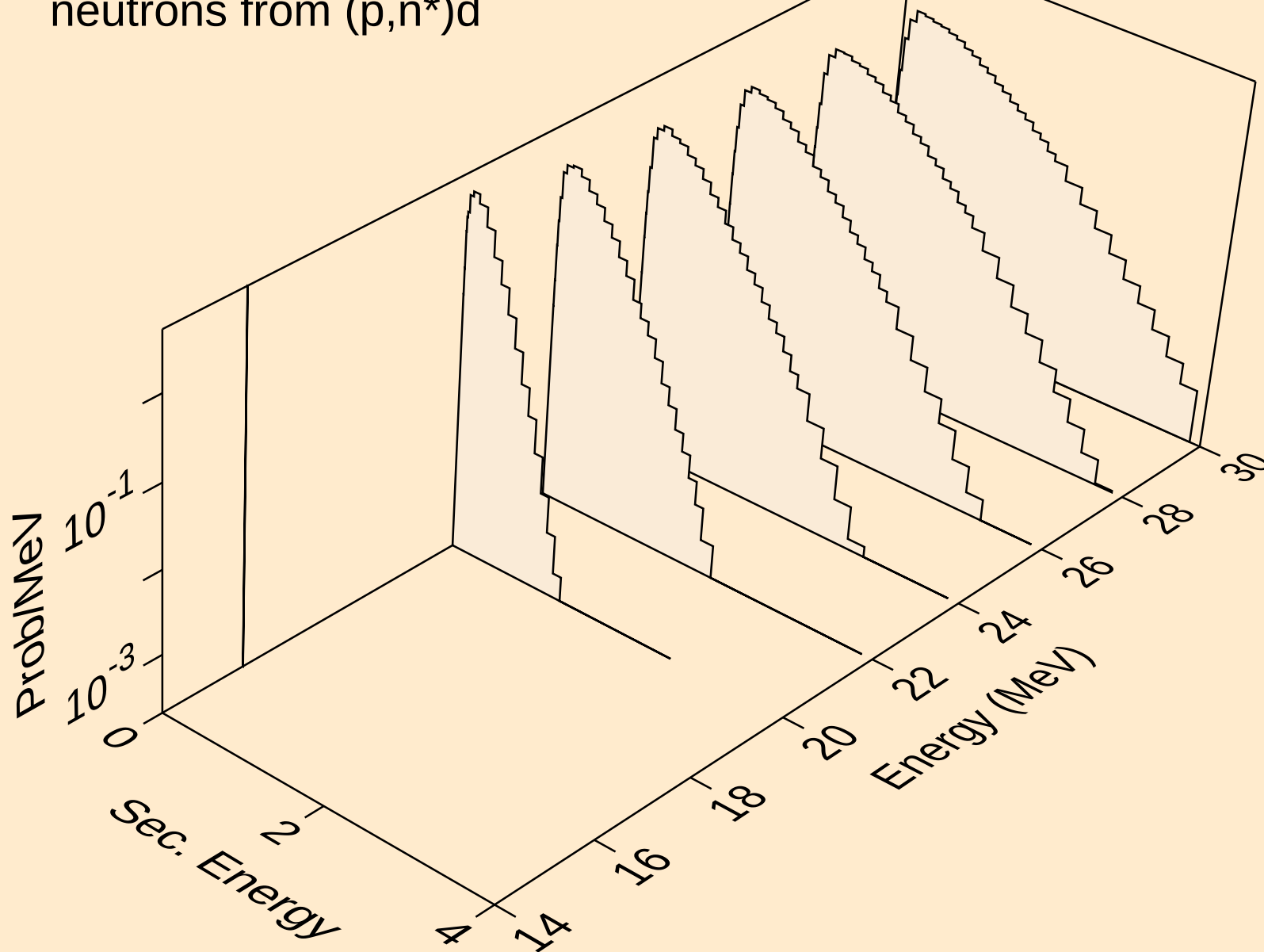
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neutrons from (p,n\*)p



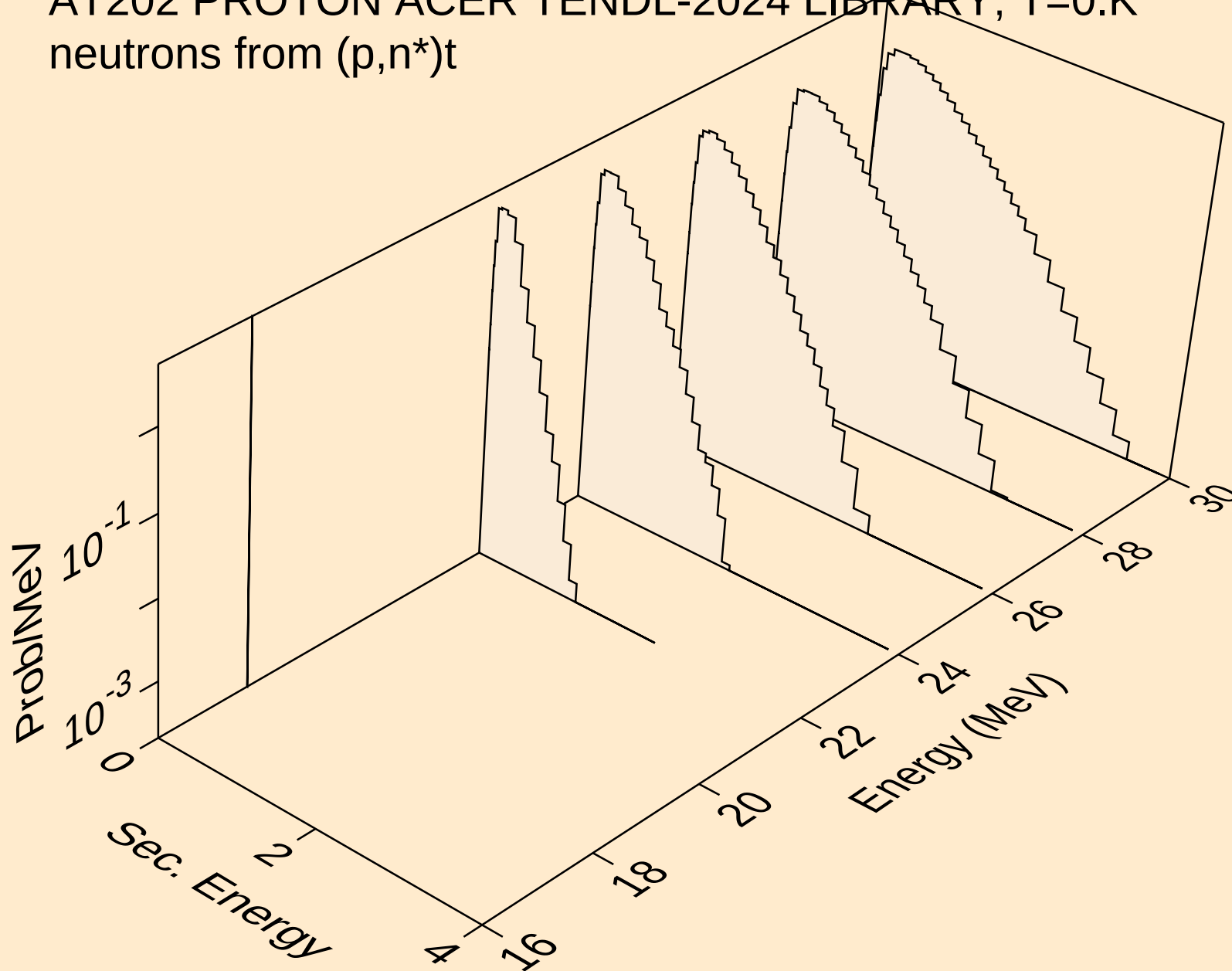
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neutrons from (p,n\*)2a



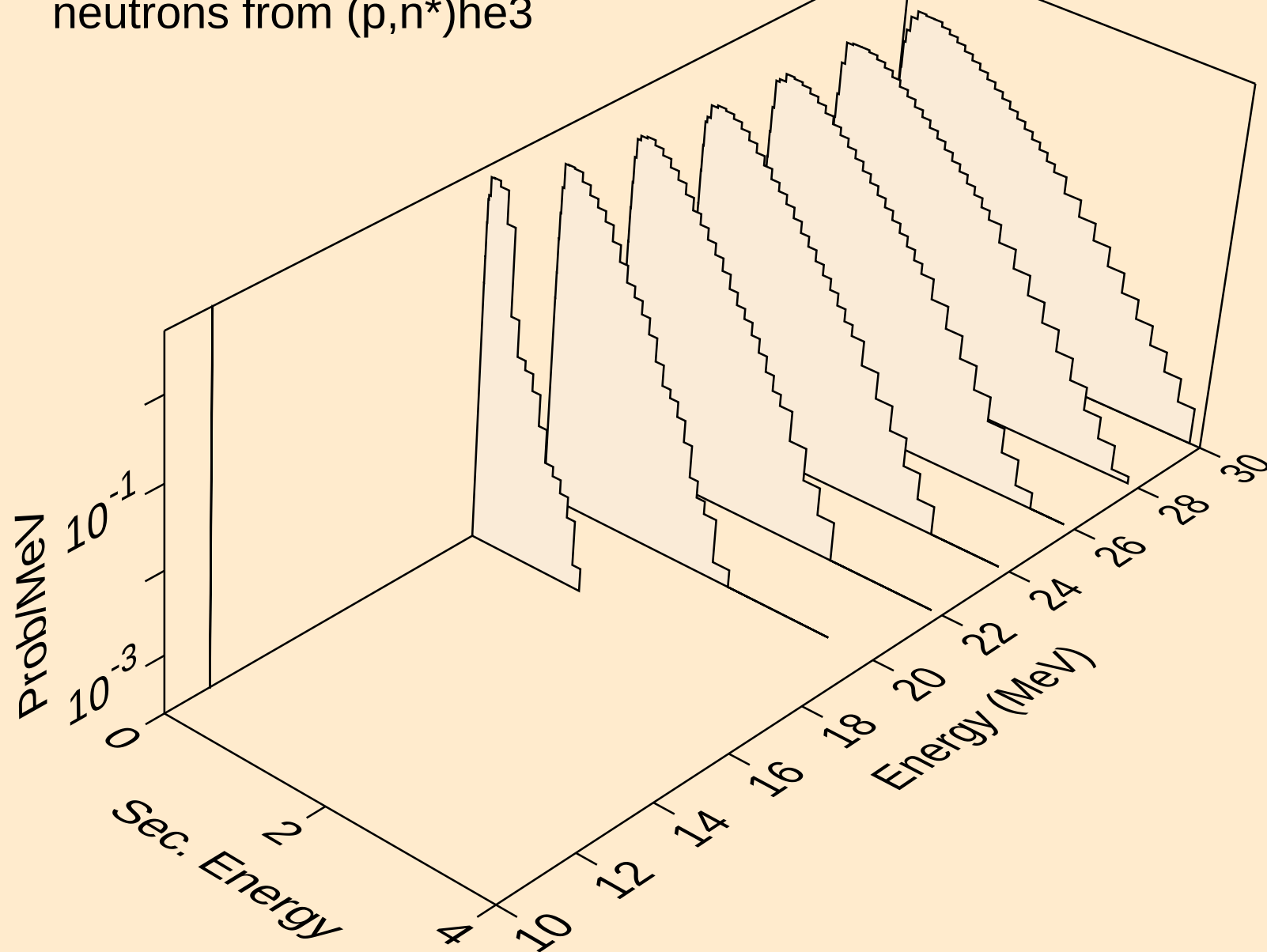
AT202 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
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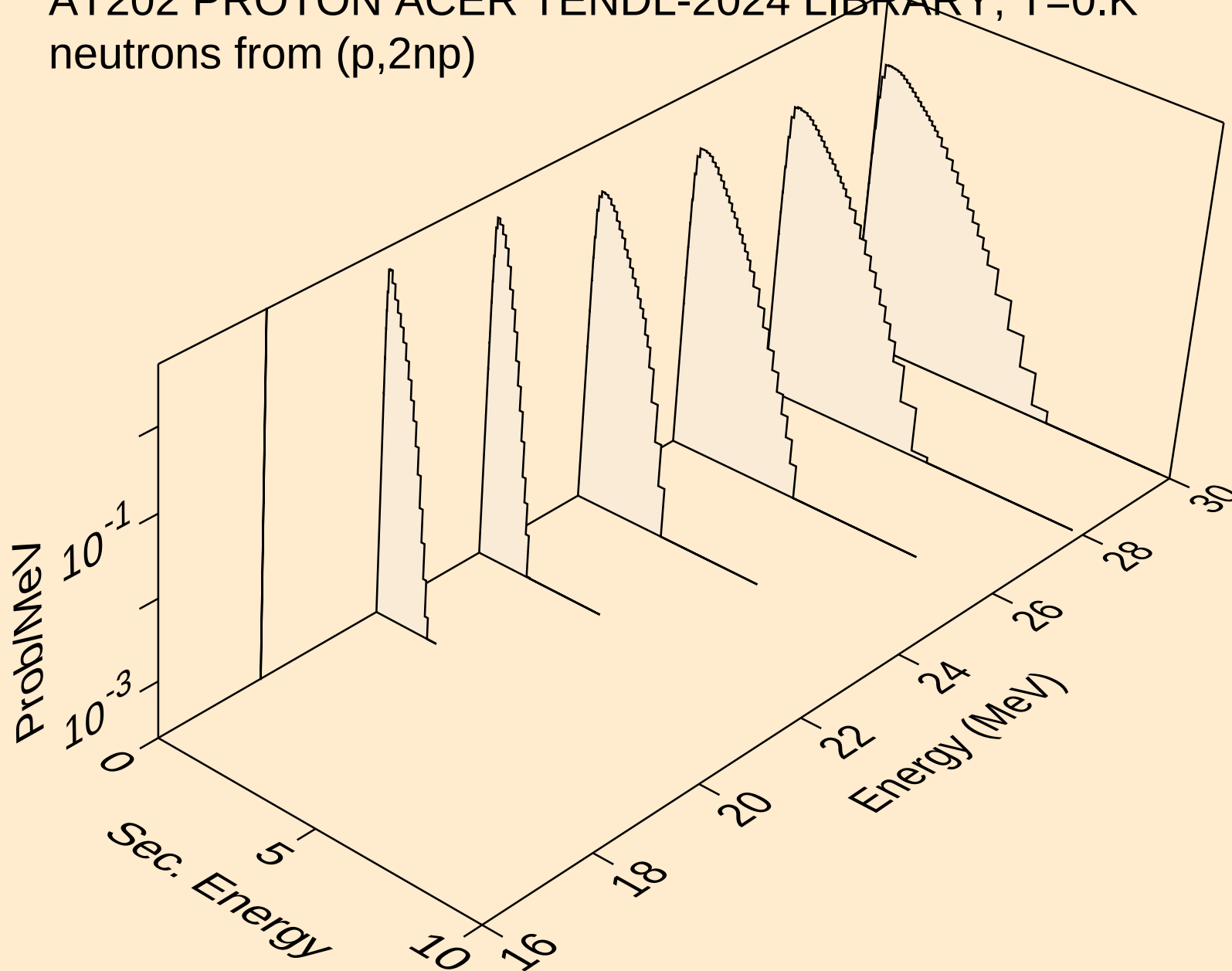
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neutrons from (p,n\*)t



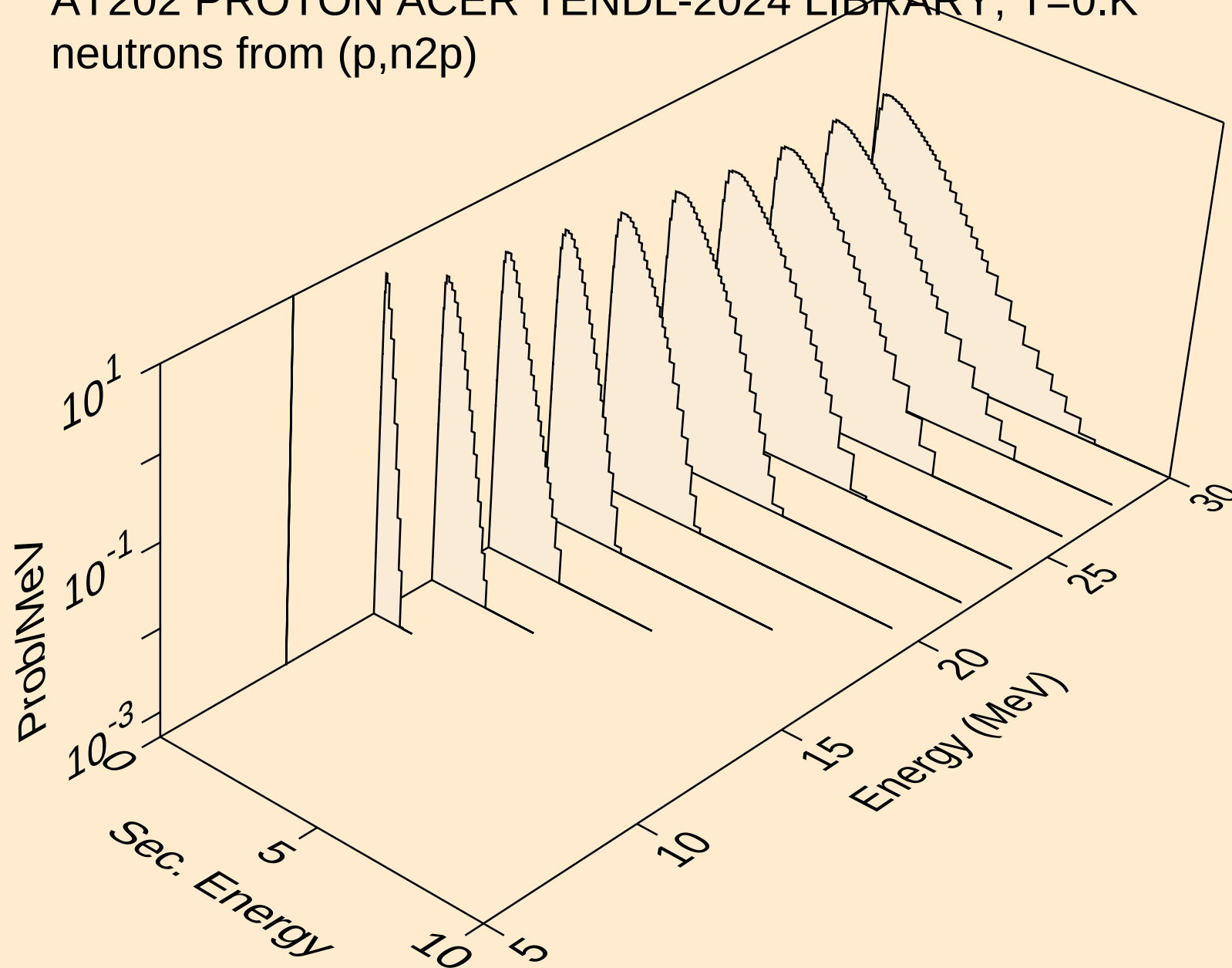
AT202 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



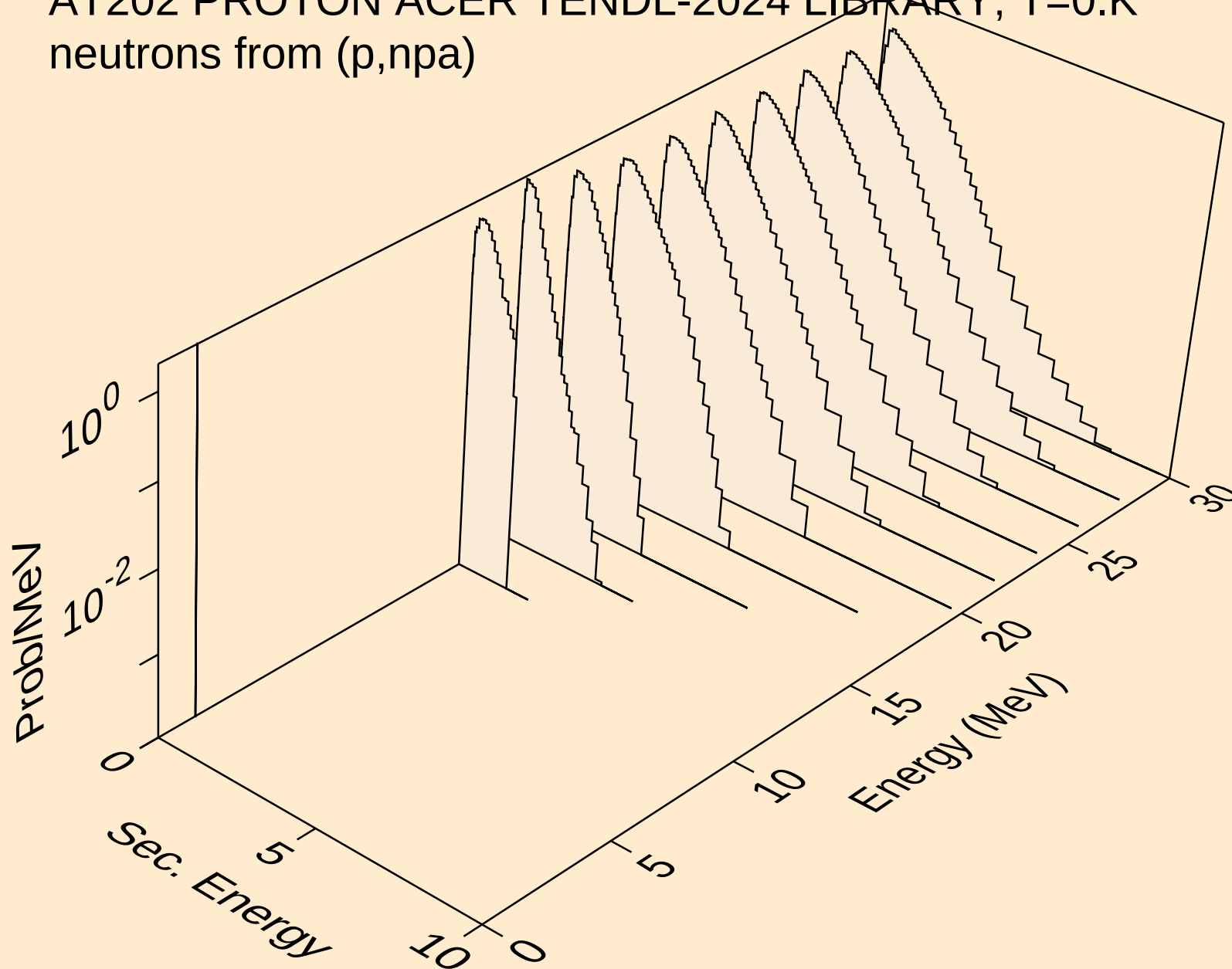
AT202 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,2np)



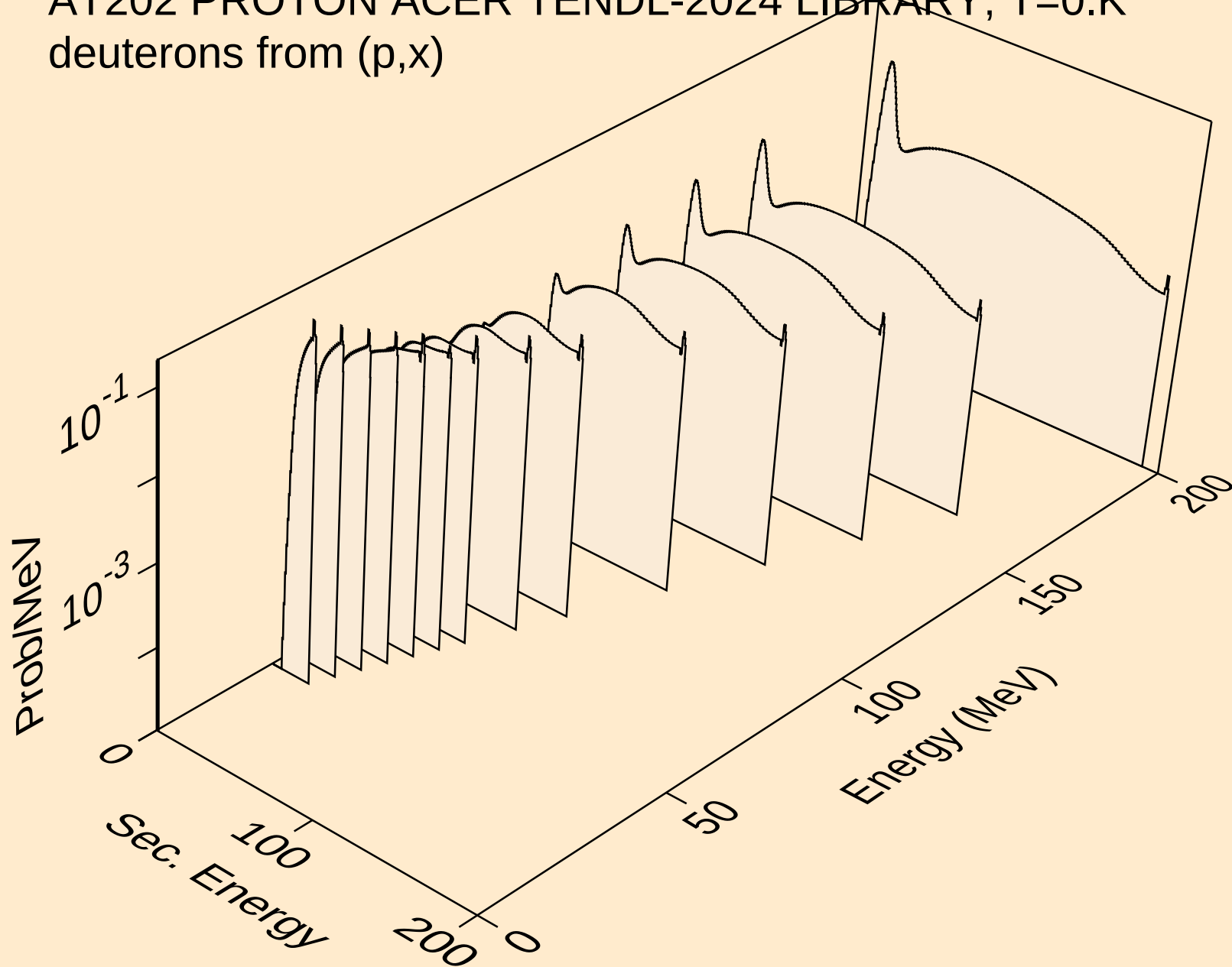
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neutrons from (p,n2p)



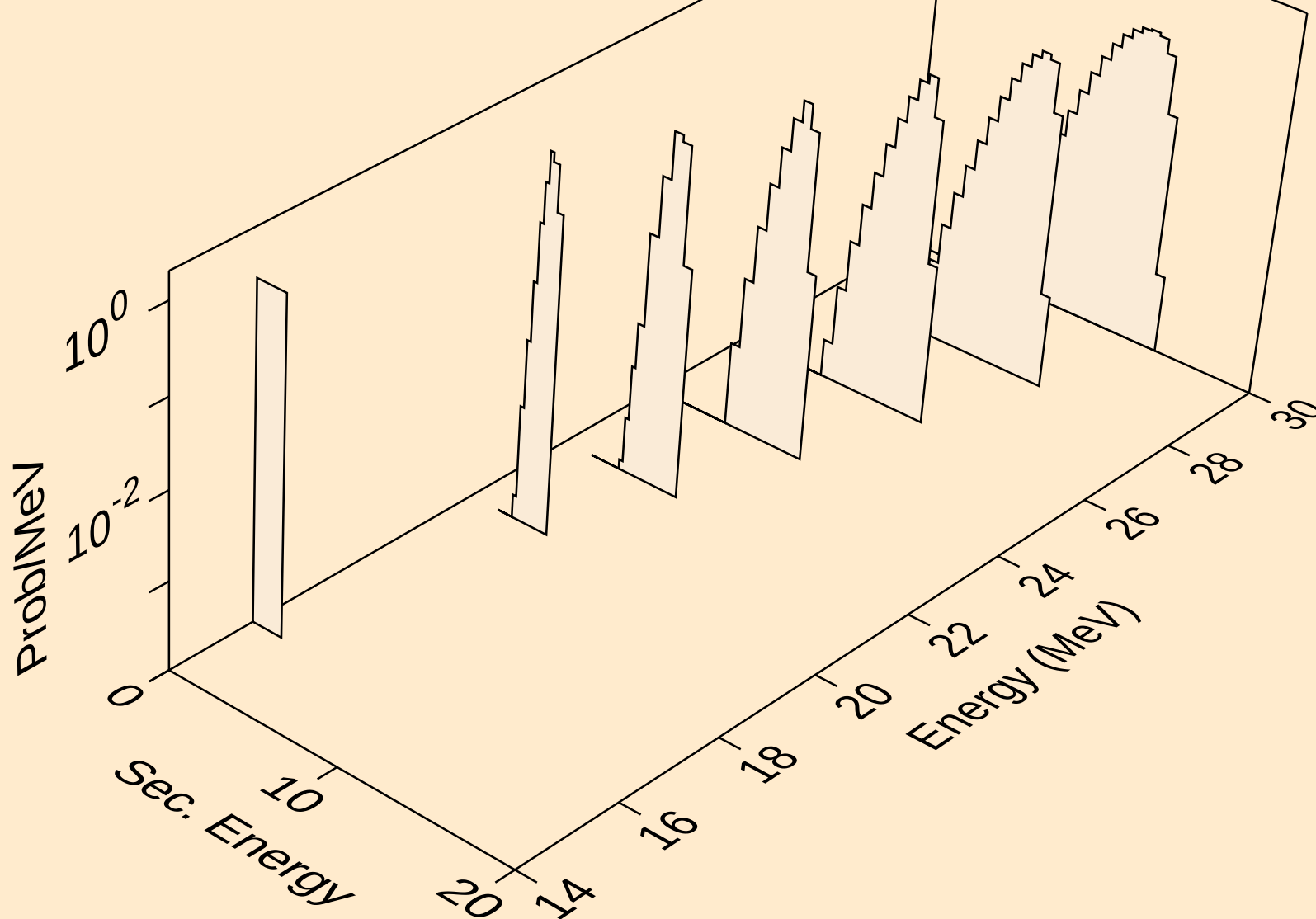
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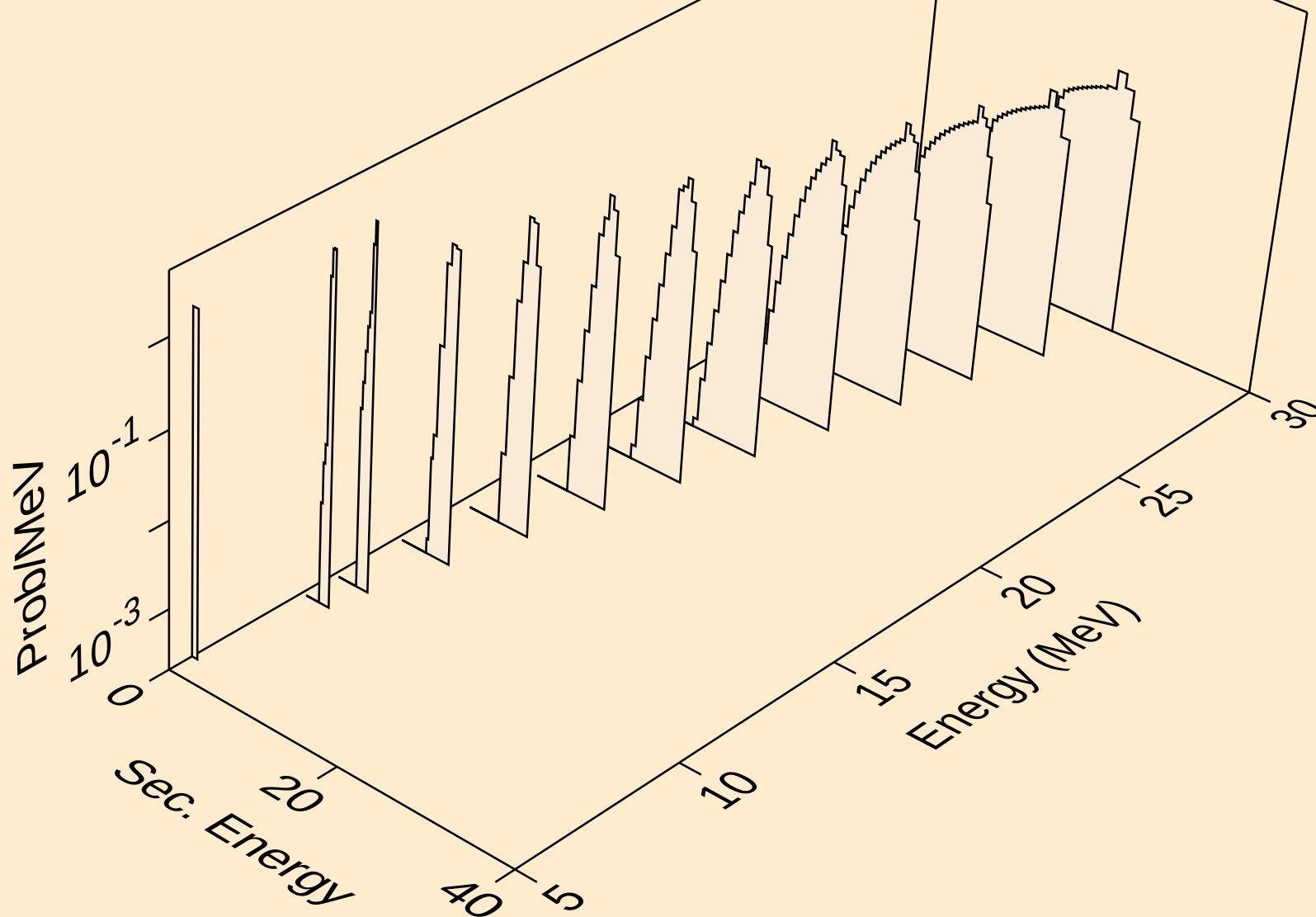
AT202 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (p,x)



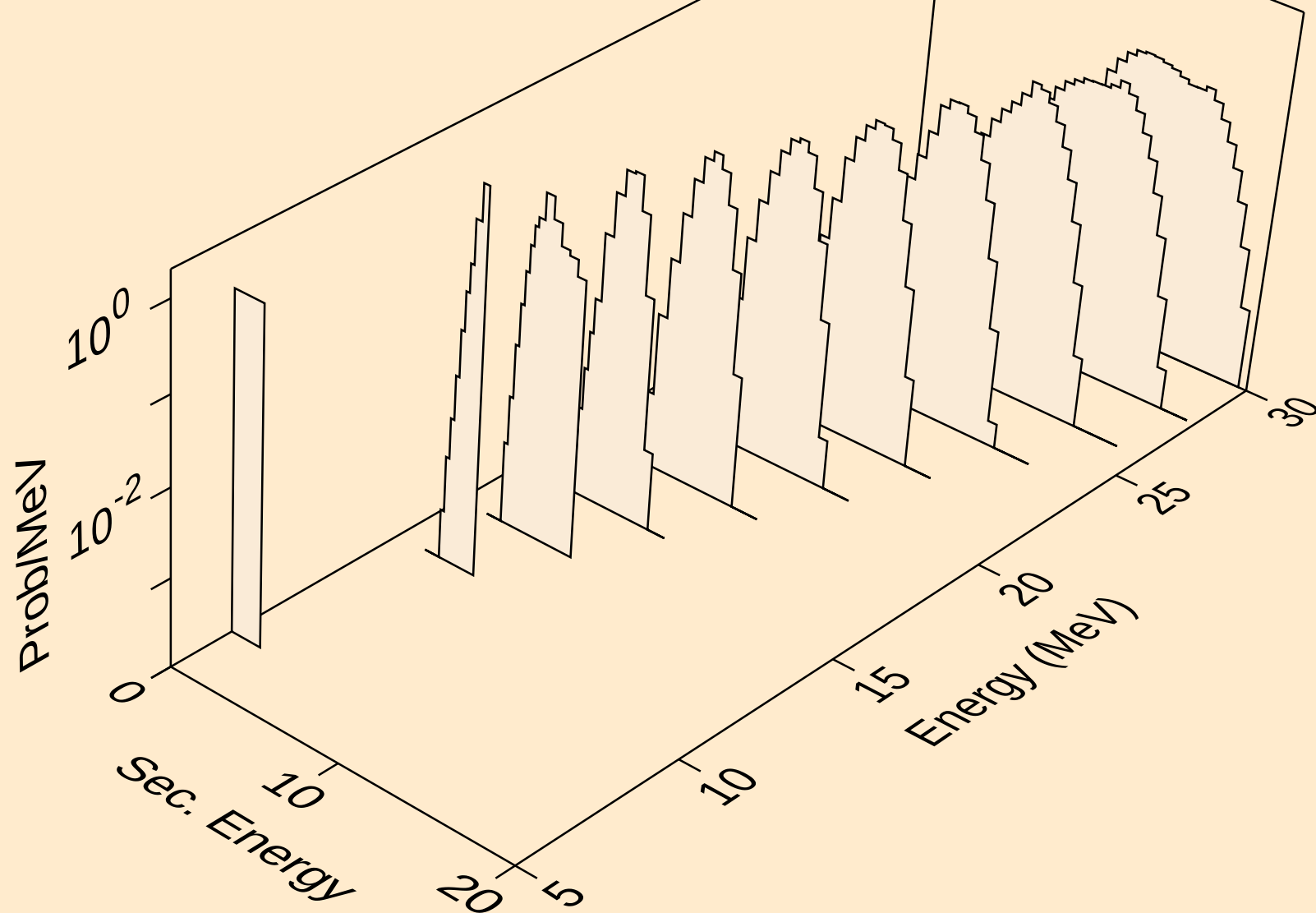
AT202 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
deuterons from  $(p,n^*)d$



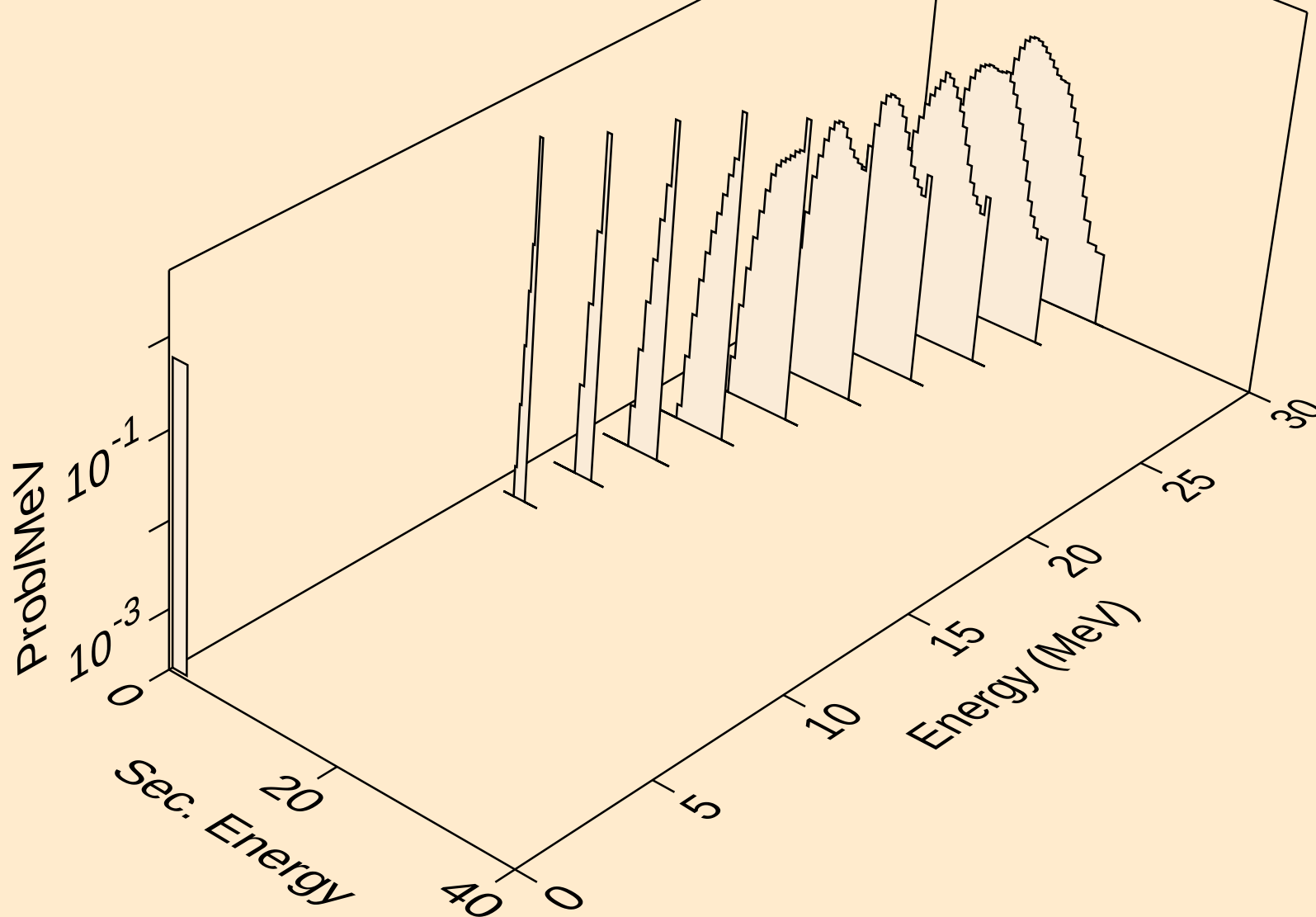
AT202 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (p,d)



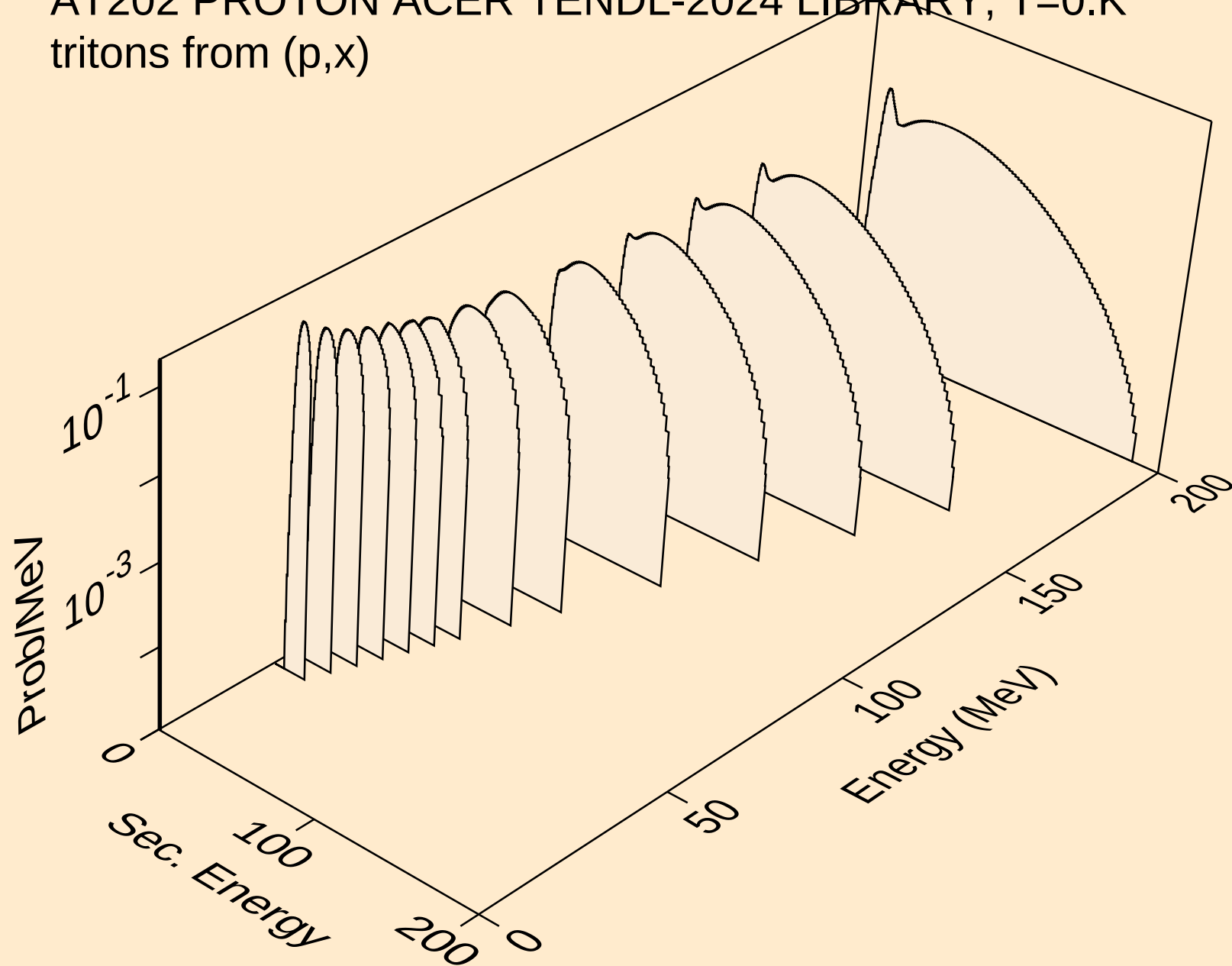
AT202 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (p,pd)



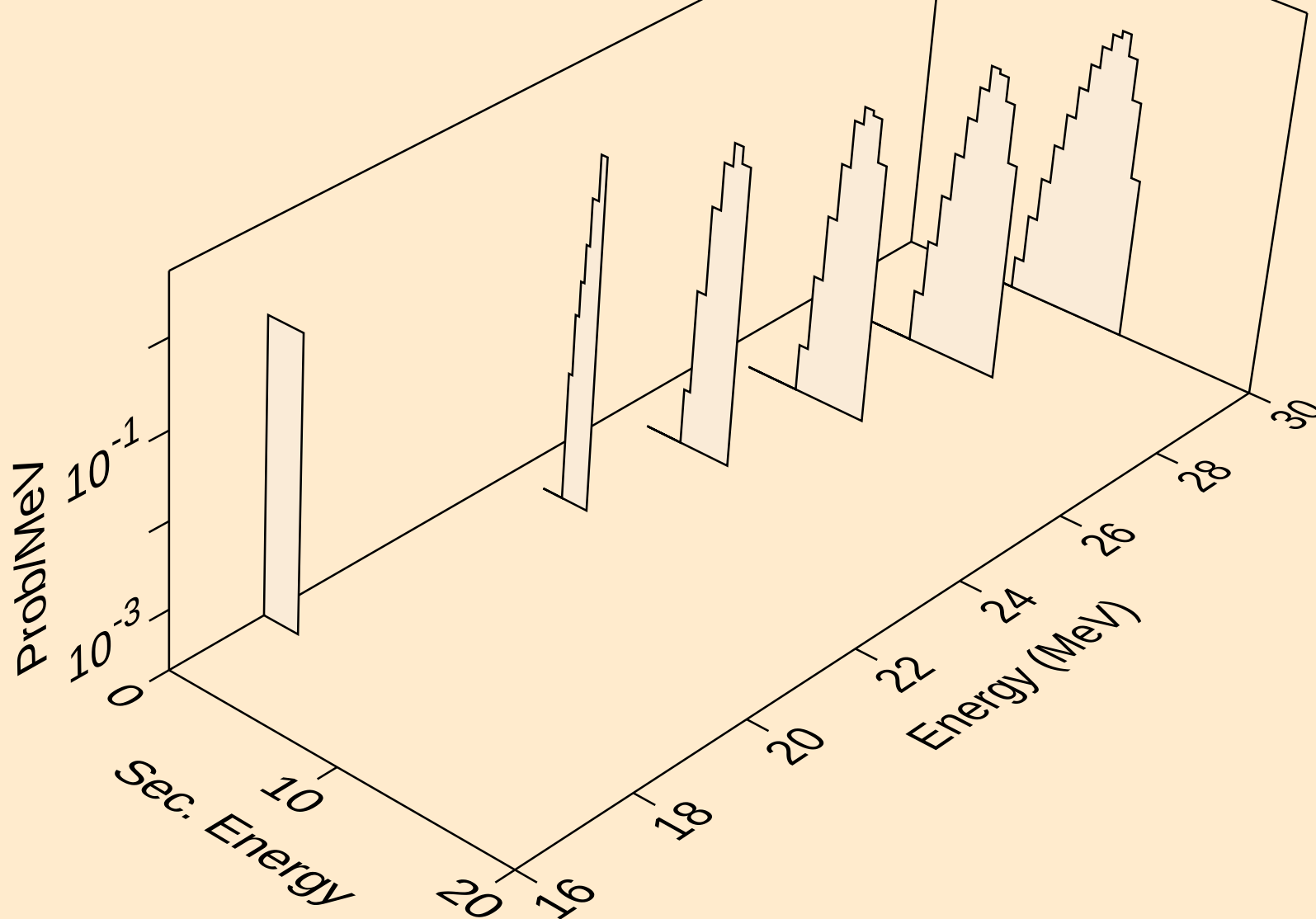
AT202 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (p,da)



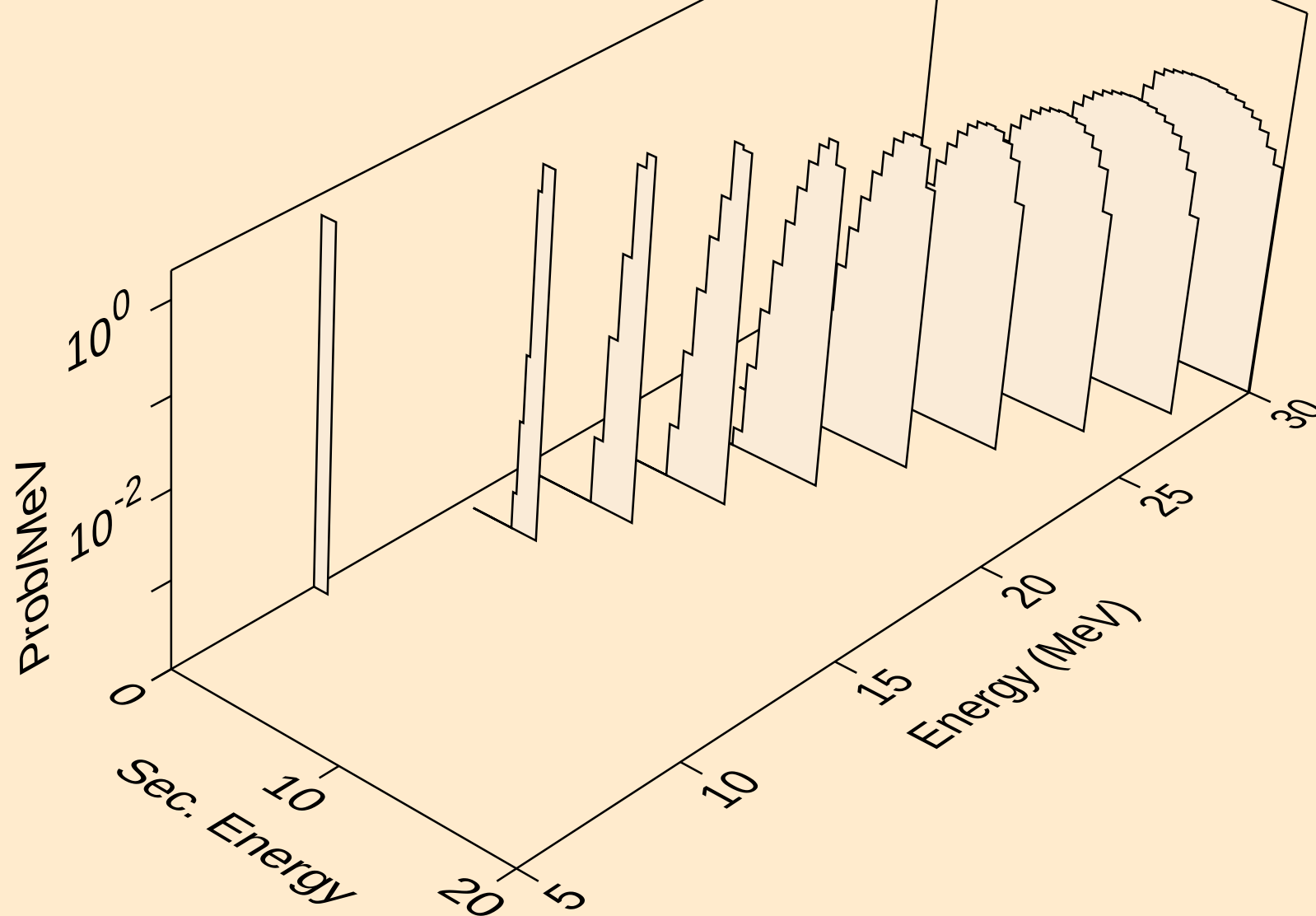
AT202 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (p,x)



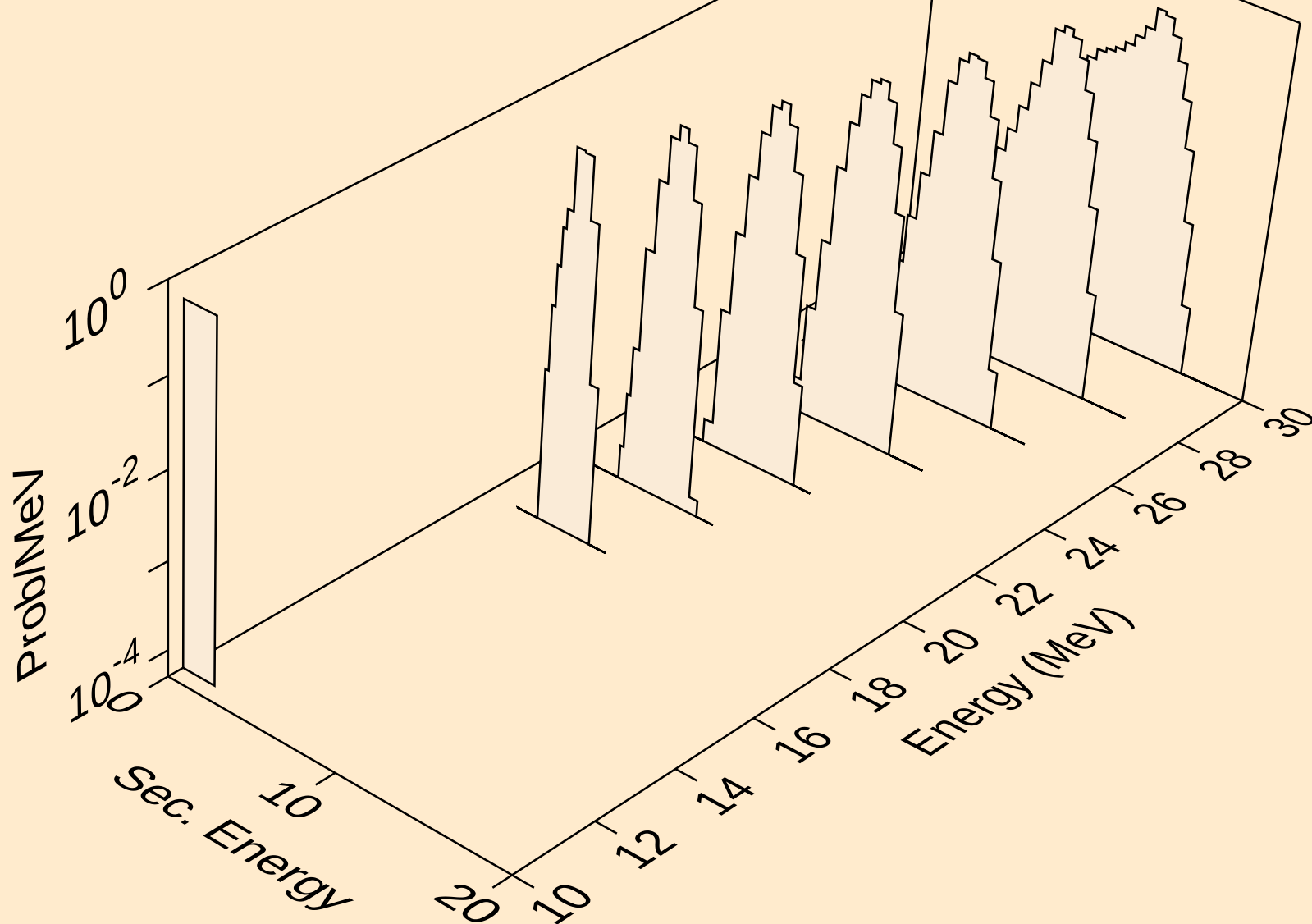
AT202 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (p,n\*)t



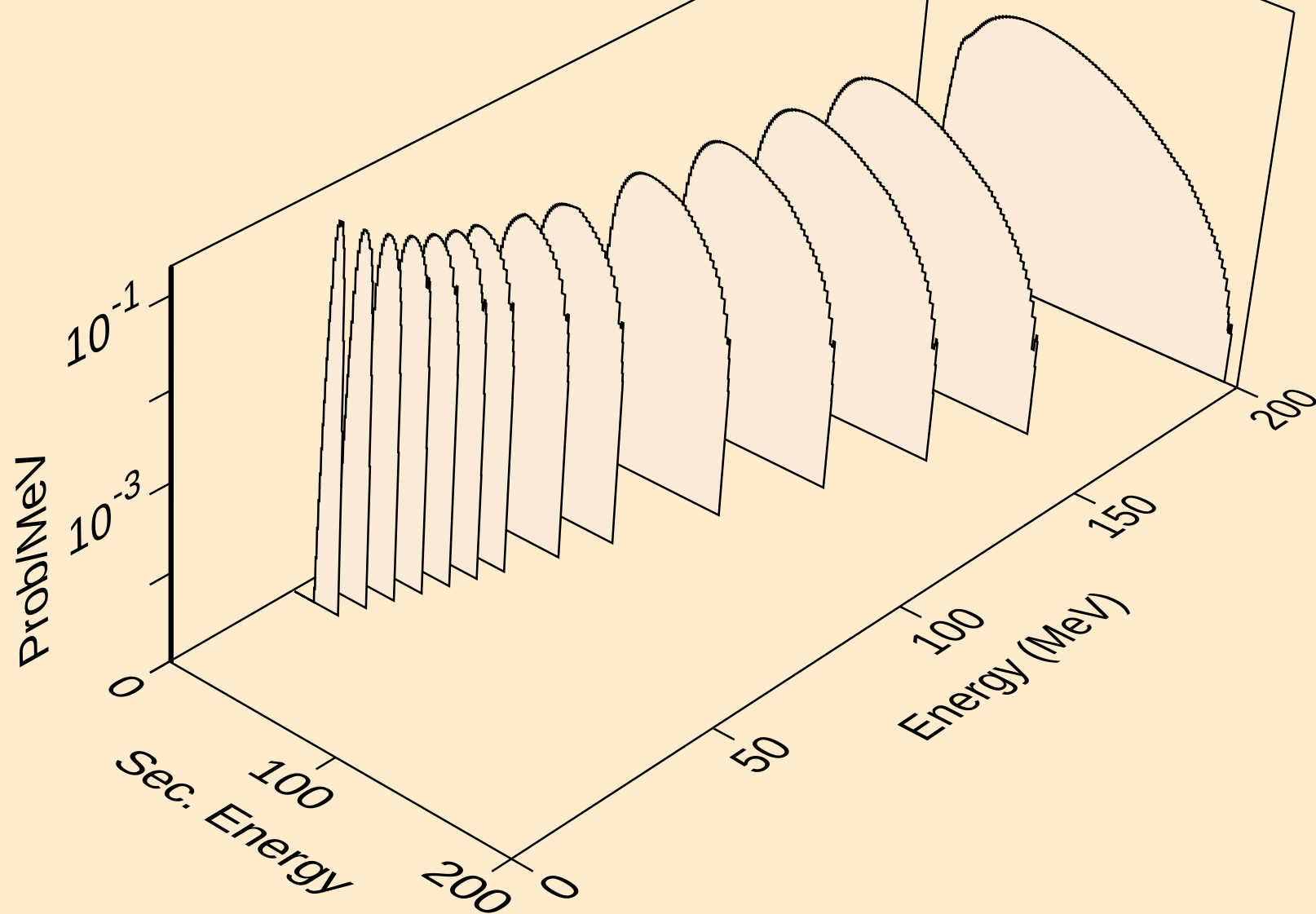
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tritons from (p,t)



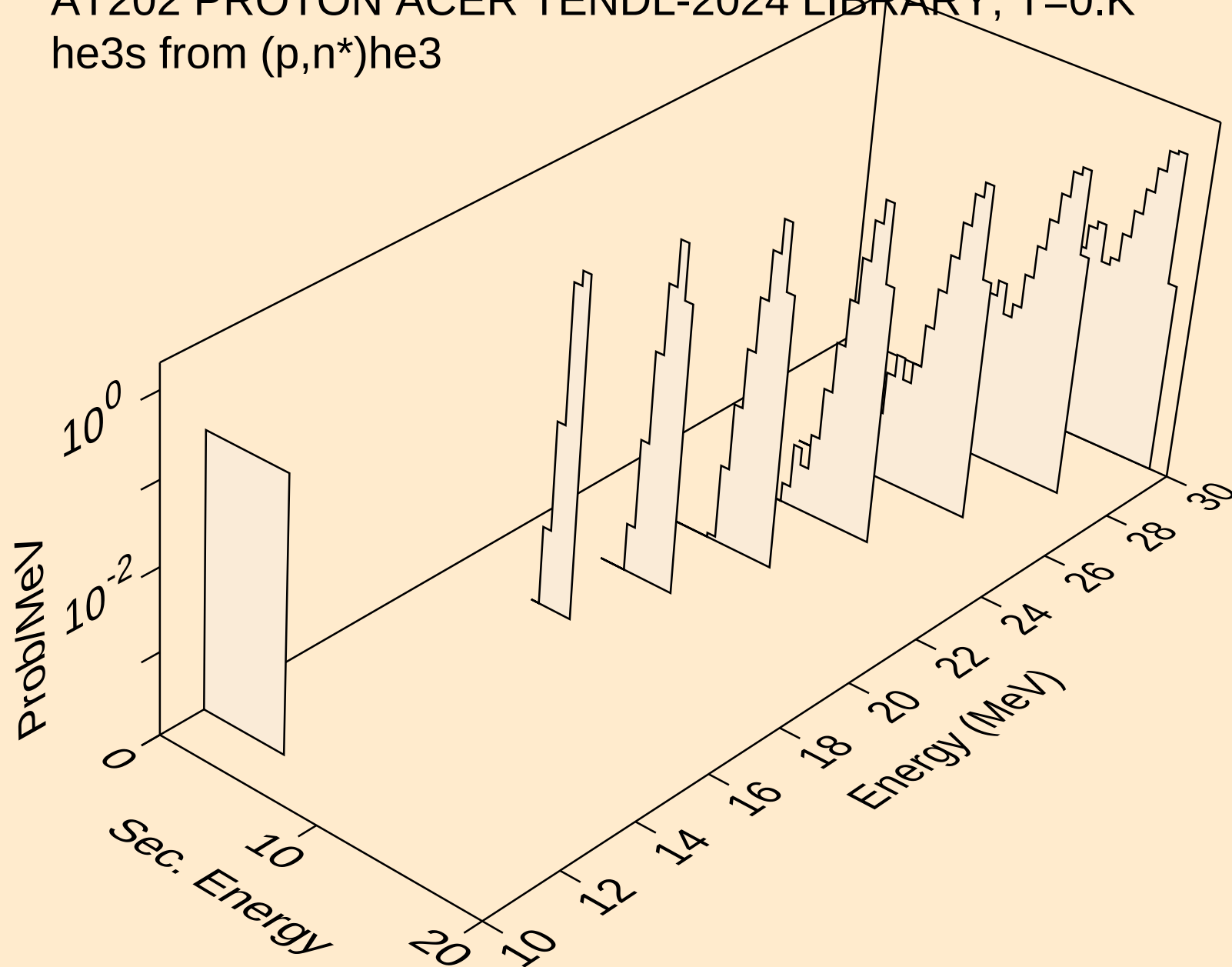
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tritons from (p,pt)



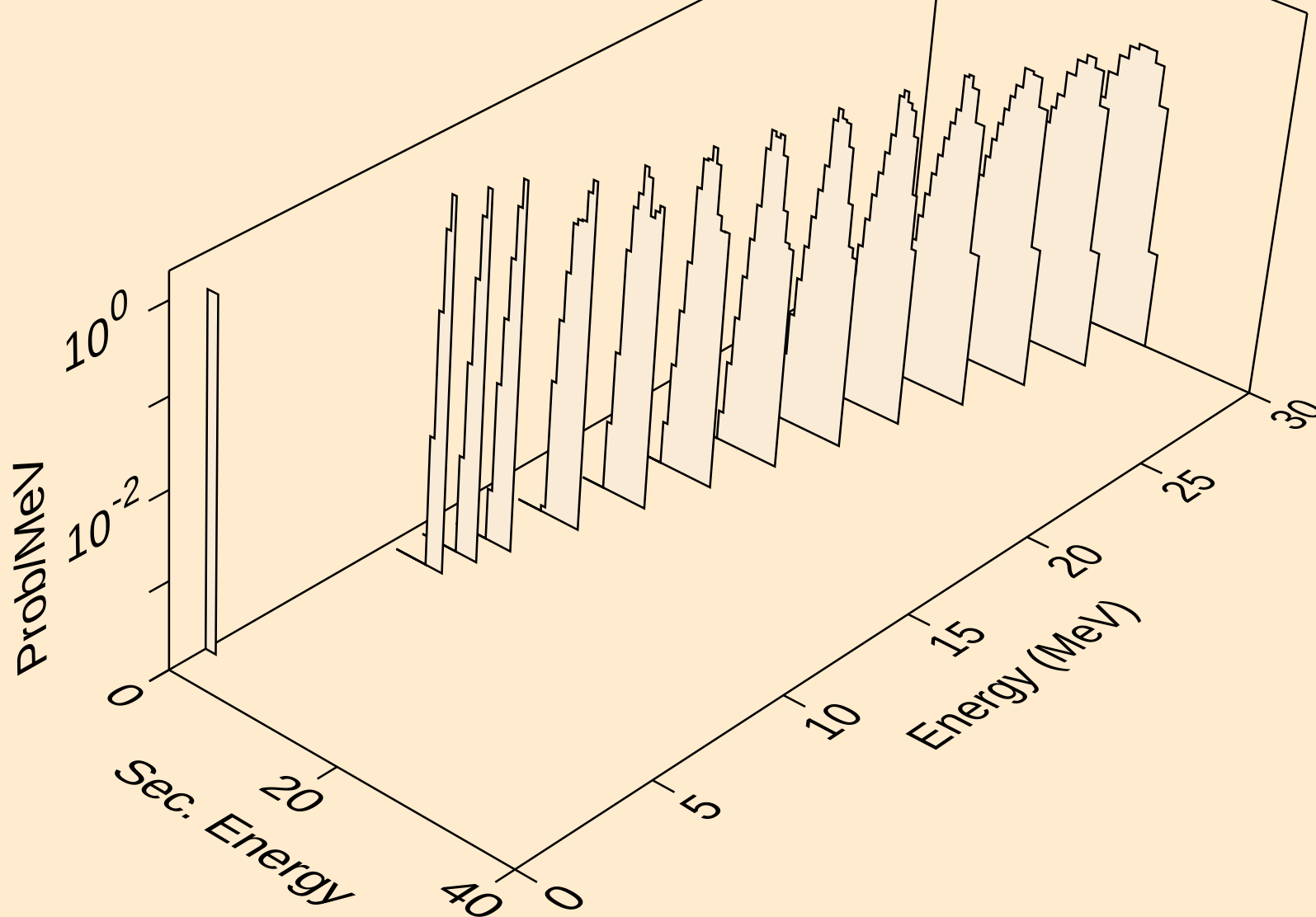
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he3s from (p,x)



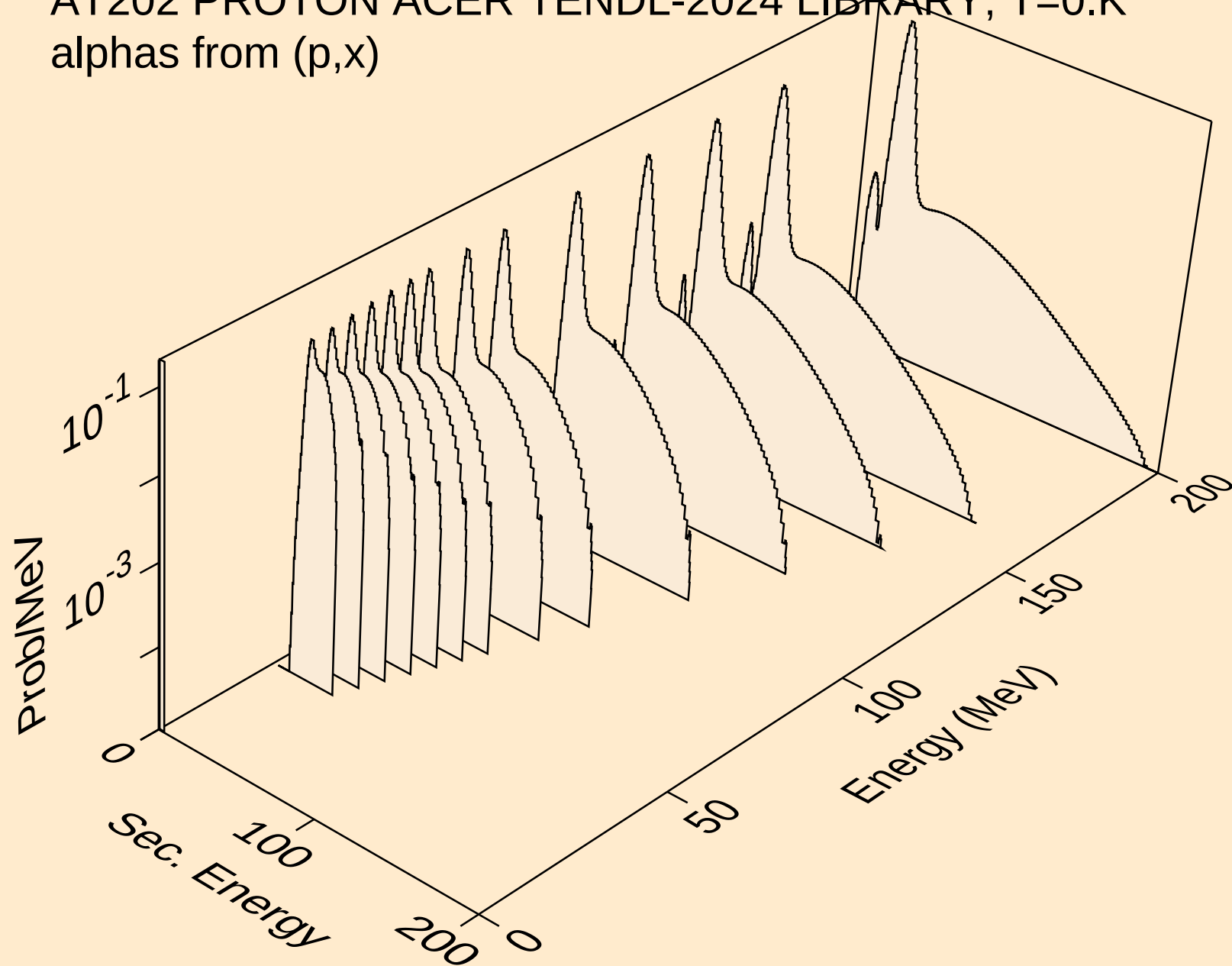
AT202 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (p,n\*)he3



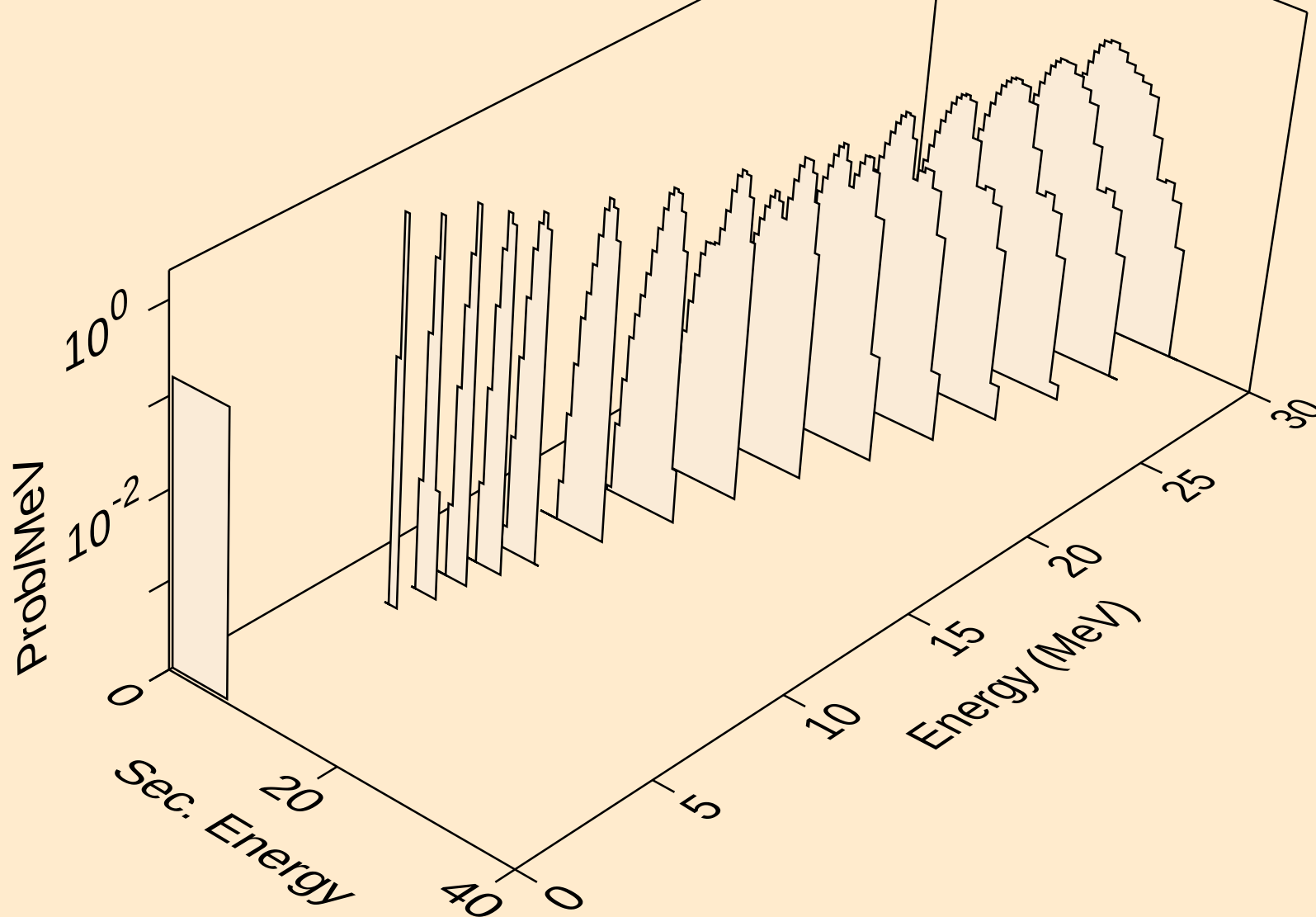
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he3s from (p,he3)



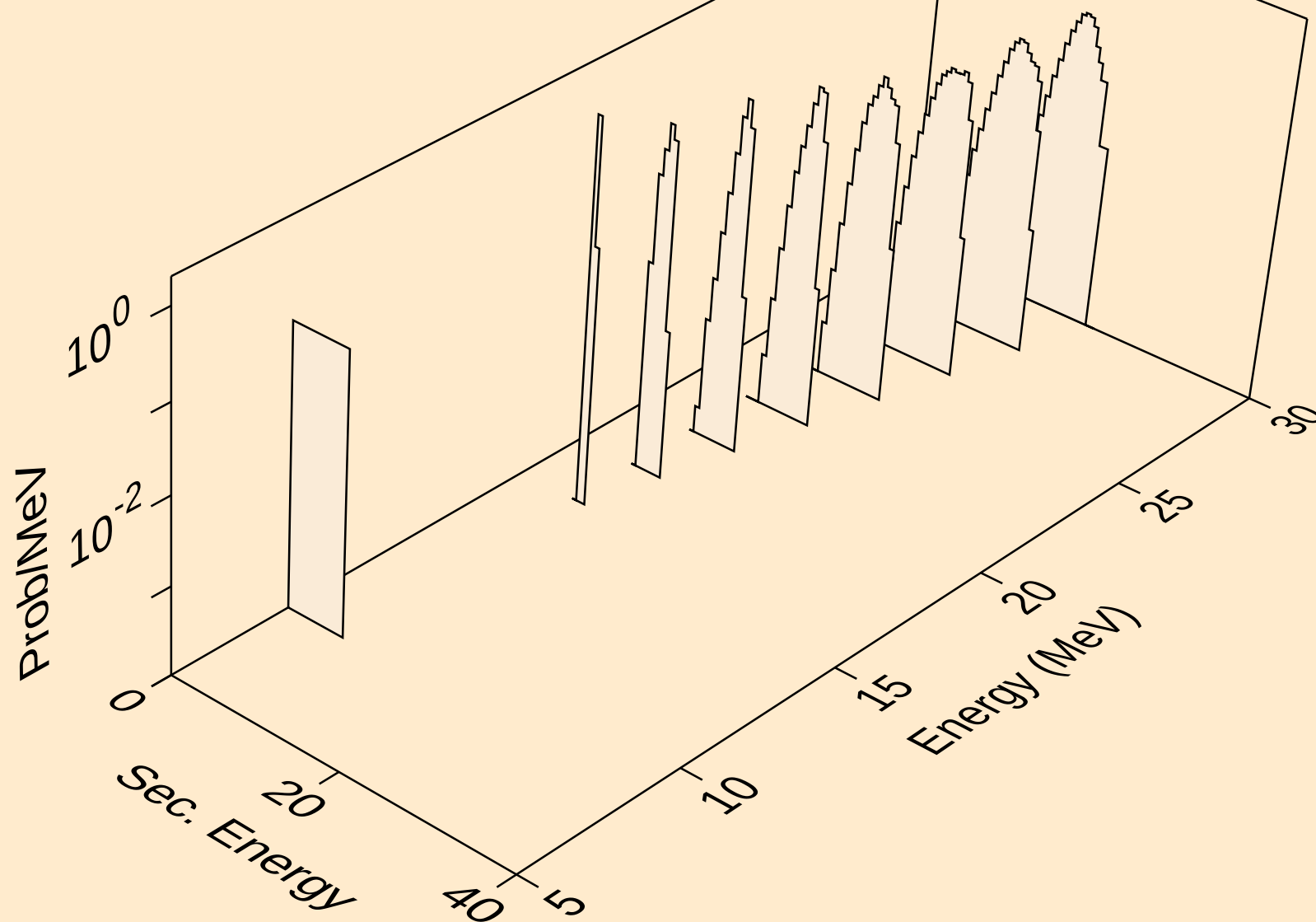
AT202 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,x)



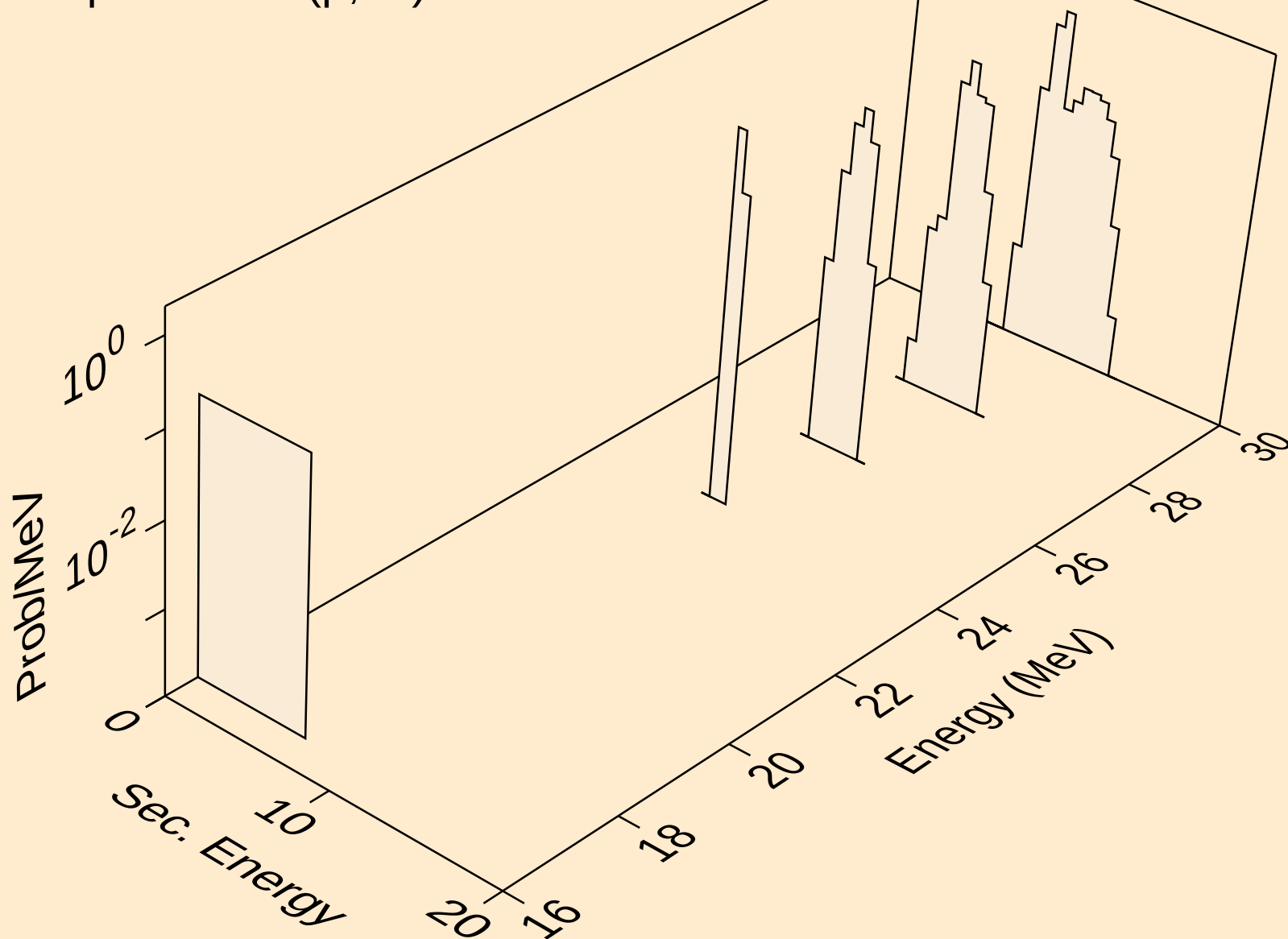
AT202 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,n\*)a



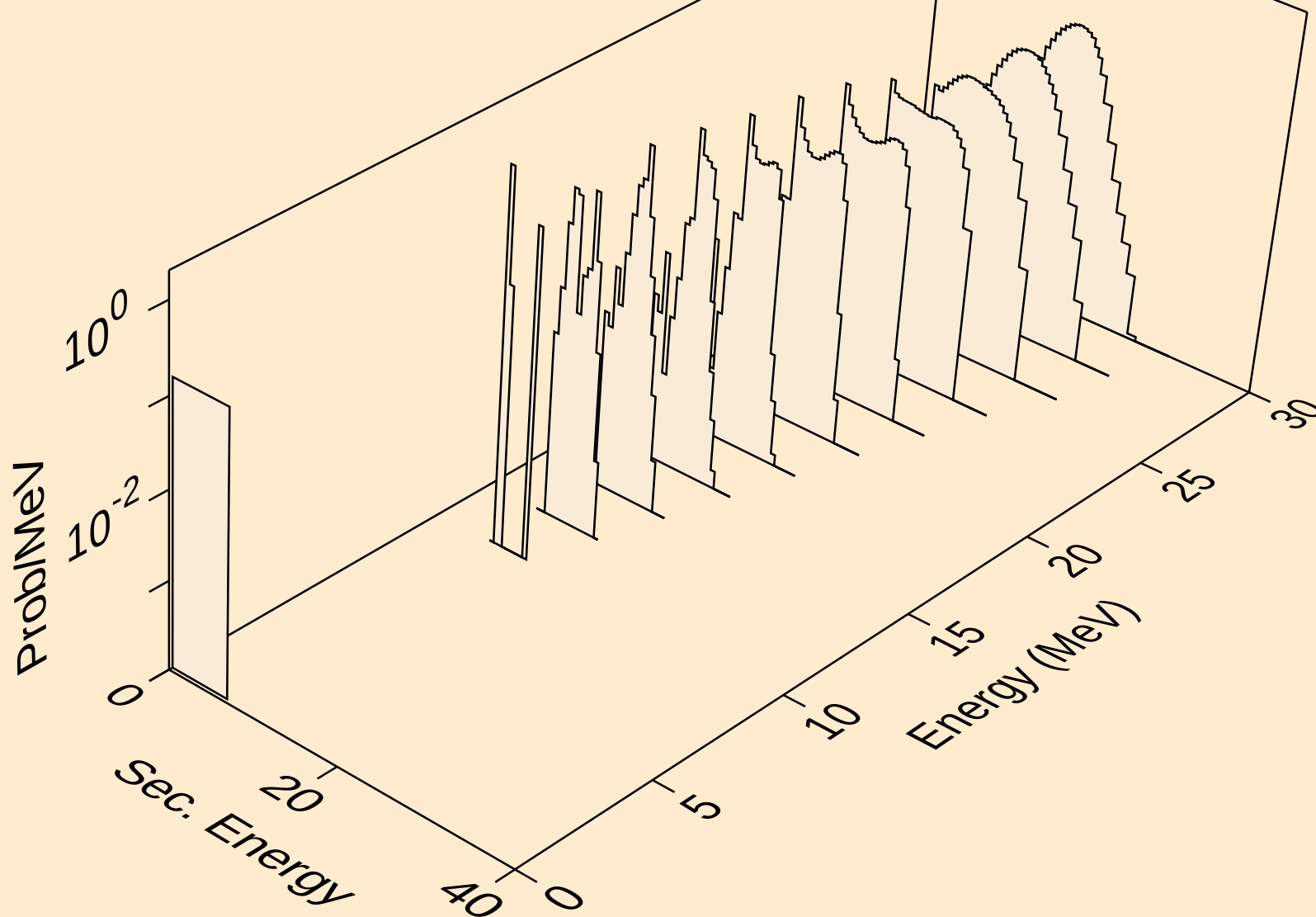
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alphas from (p,2n)a



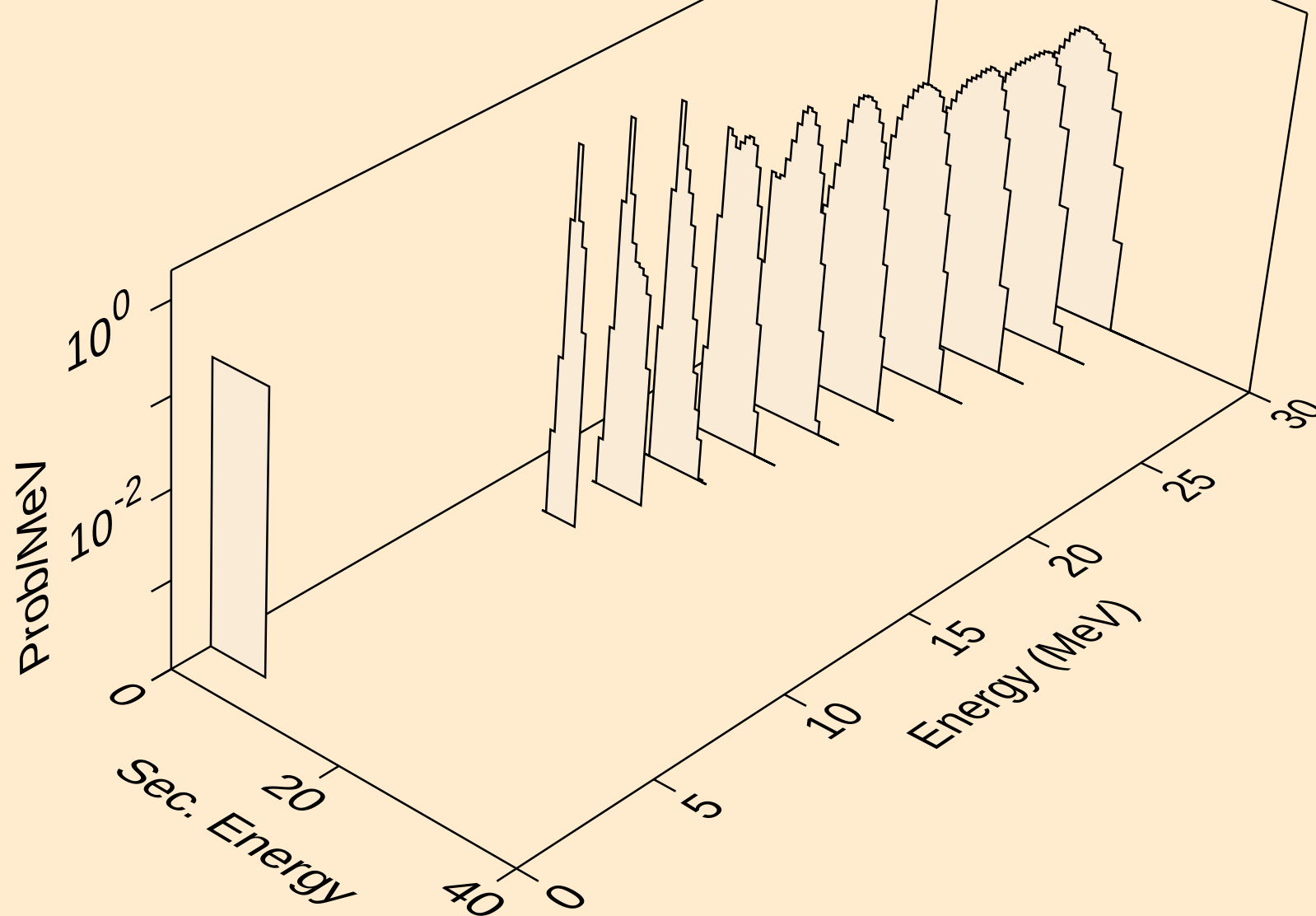
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alphas from (p,3n)a



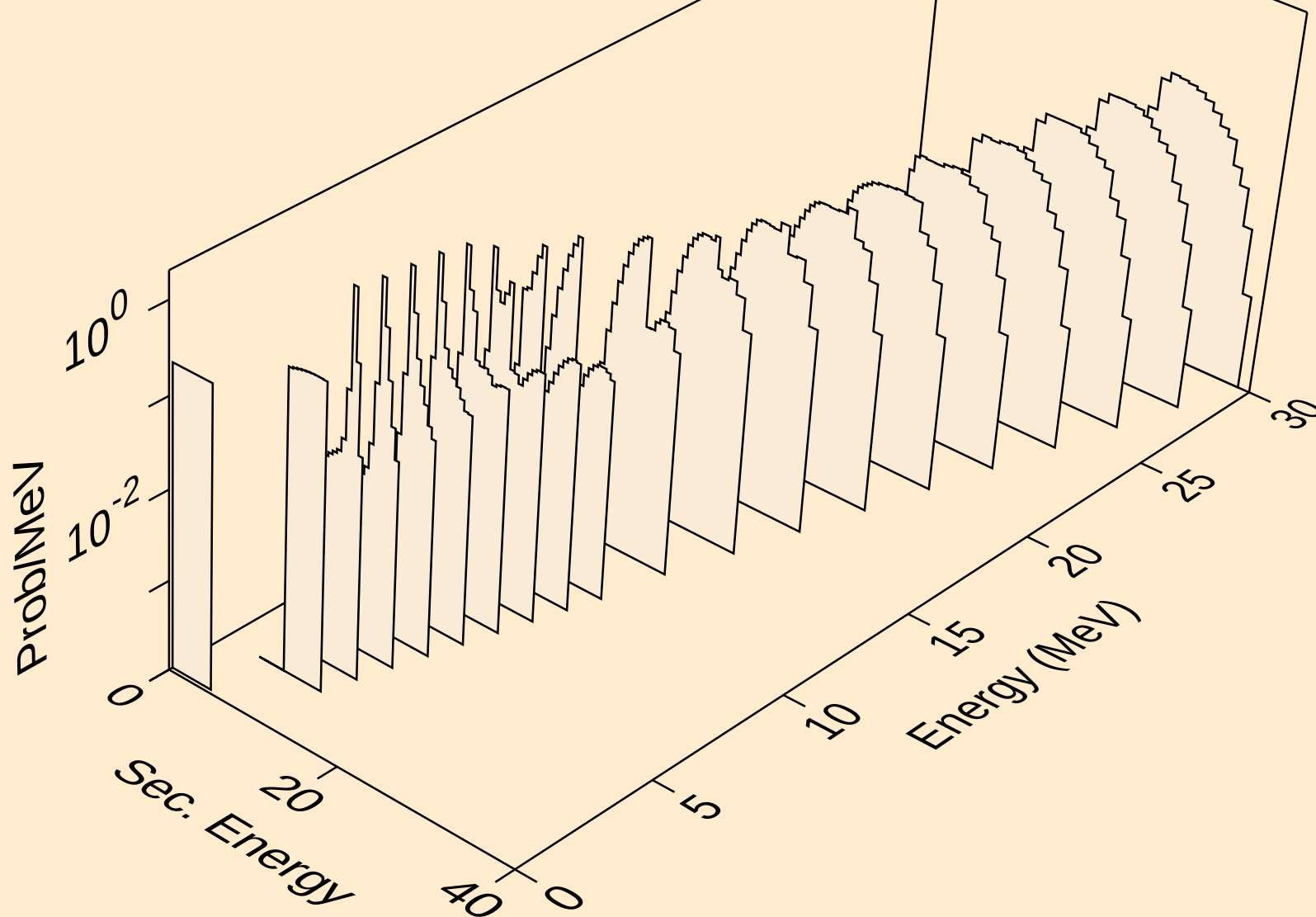
AT202 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,n\*)2a



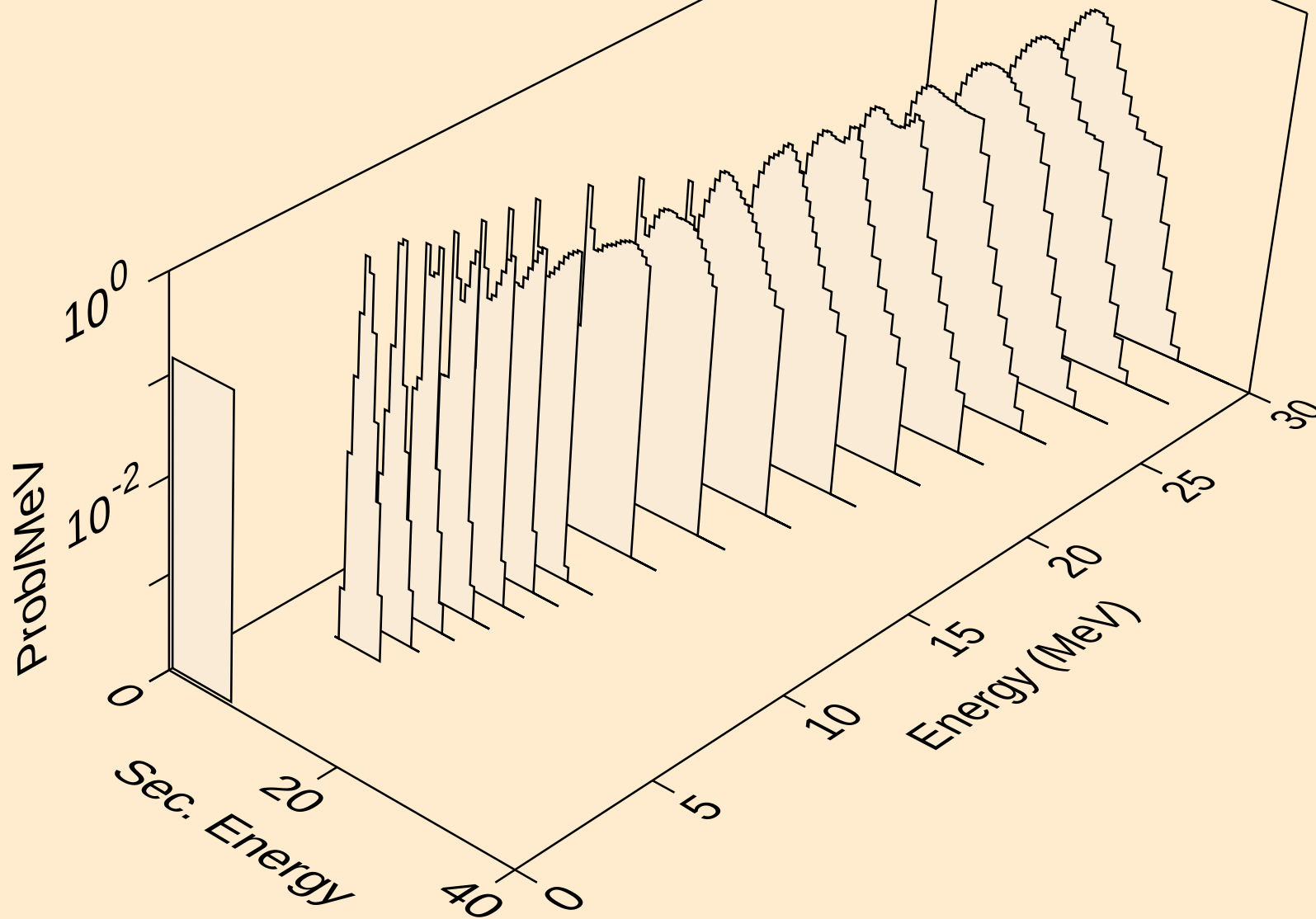
AT202 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,npa)



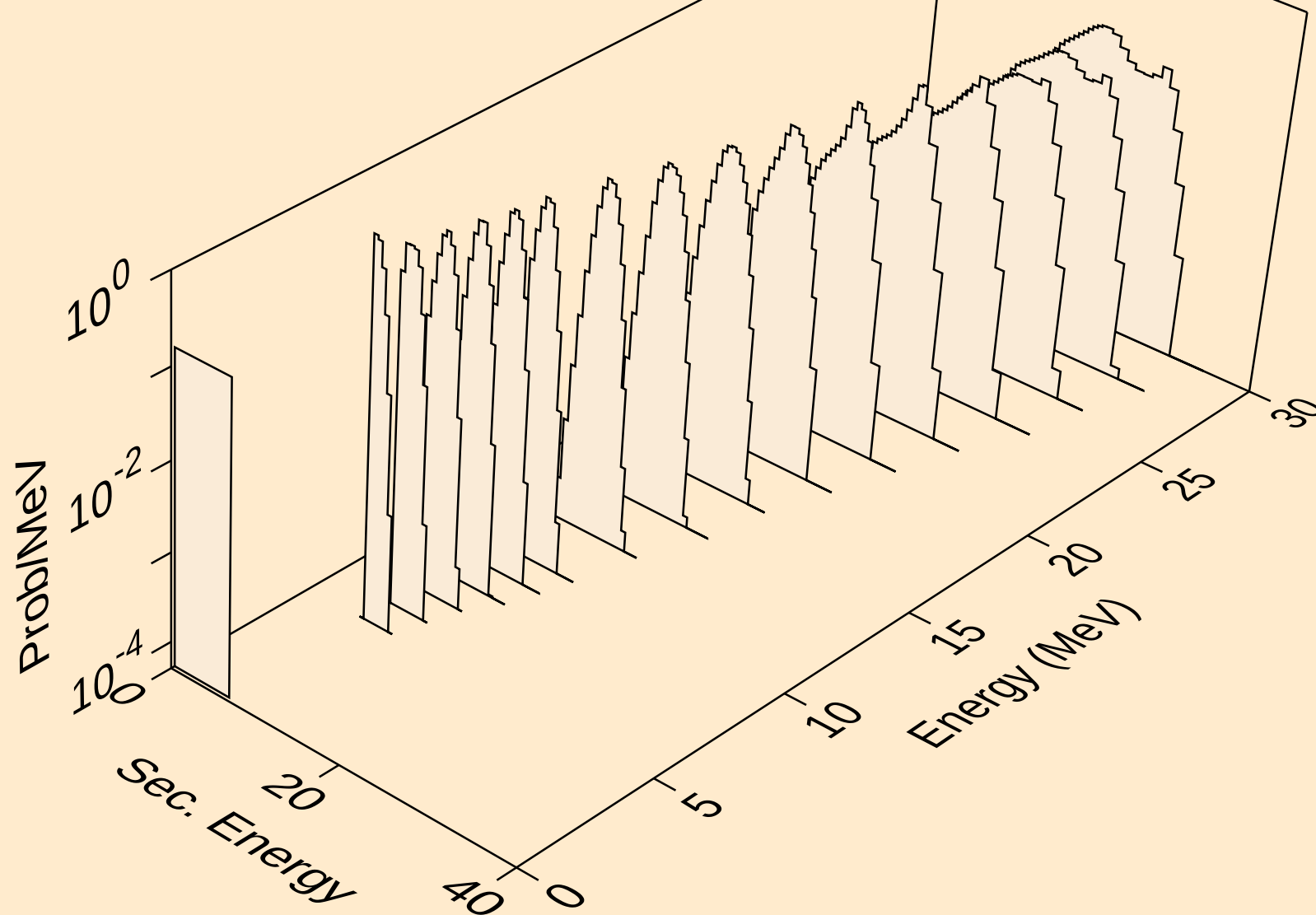
AT202 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,a)



AT202 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,2a)



AT202 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,pa)



AT202 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,da)

