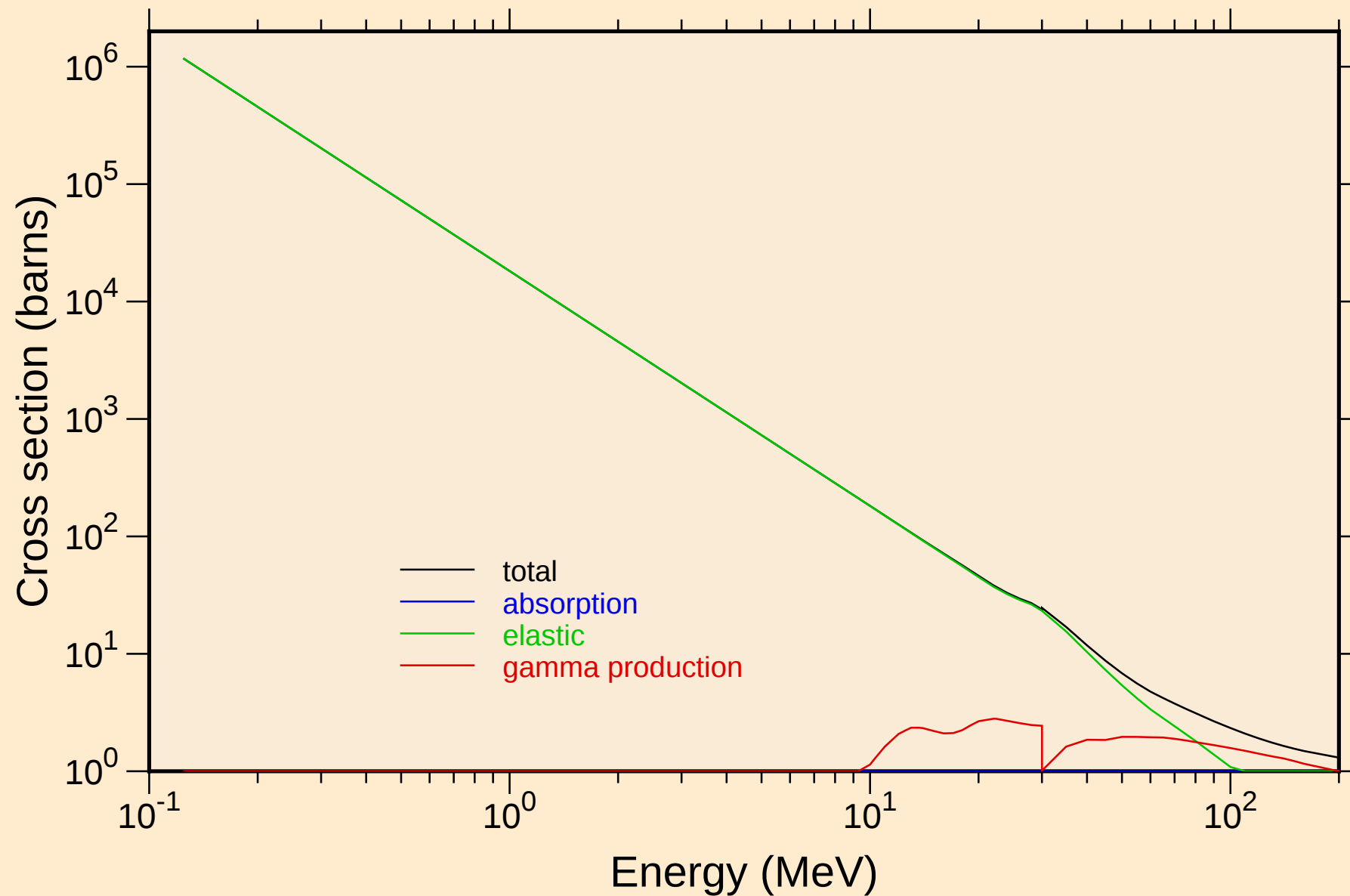


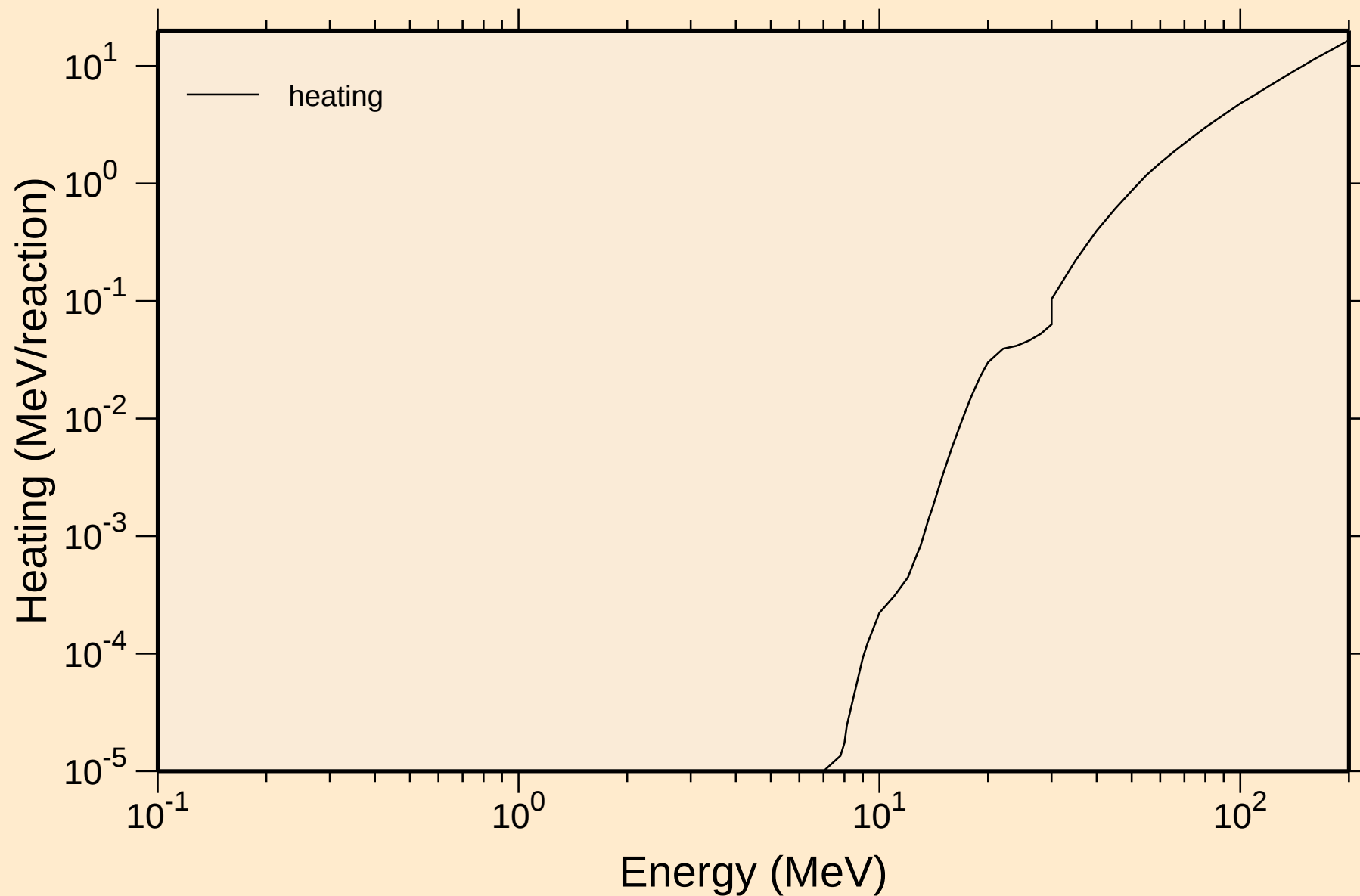
# XE116 PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



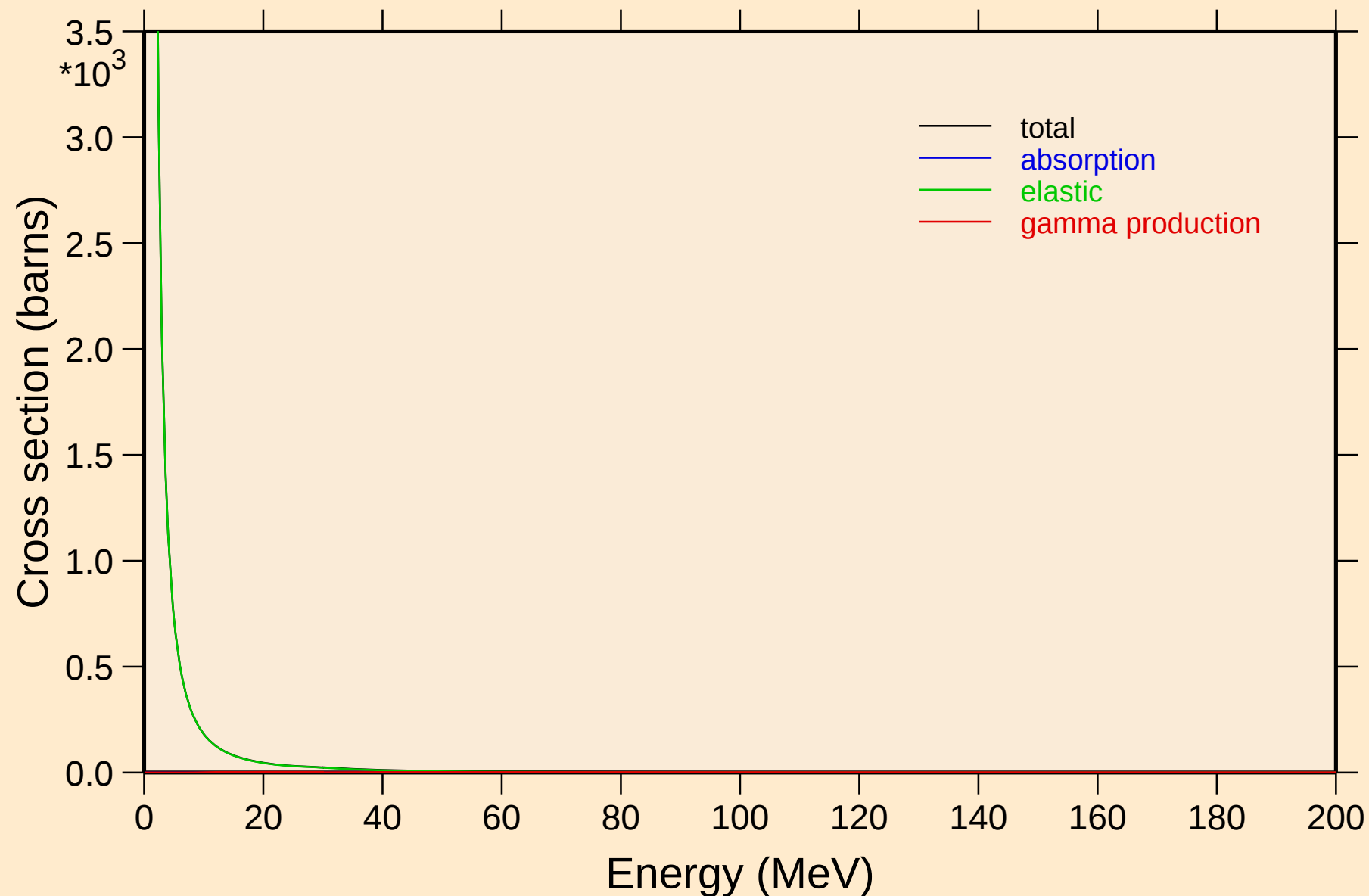
# XE116 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Heating



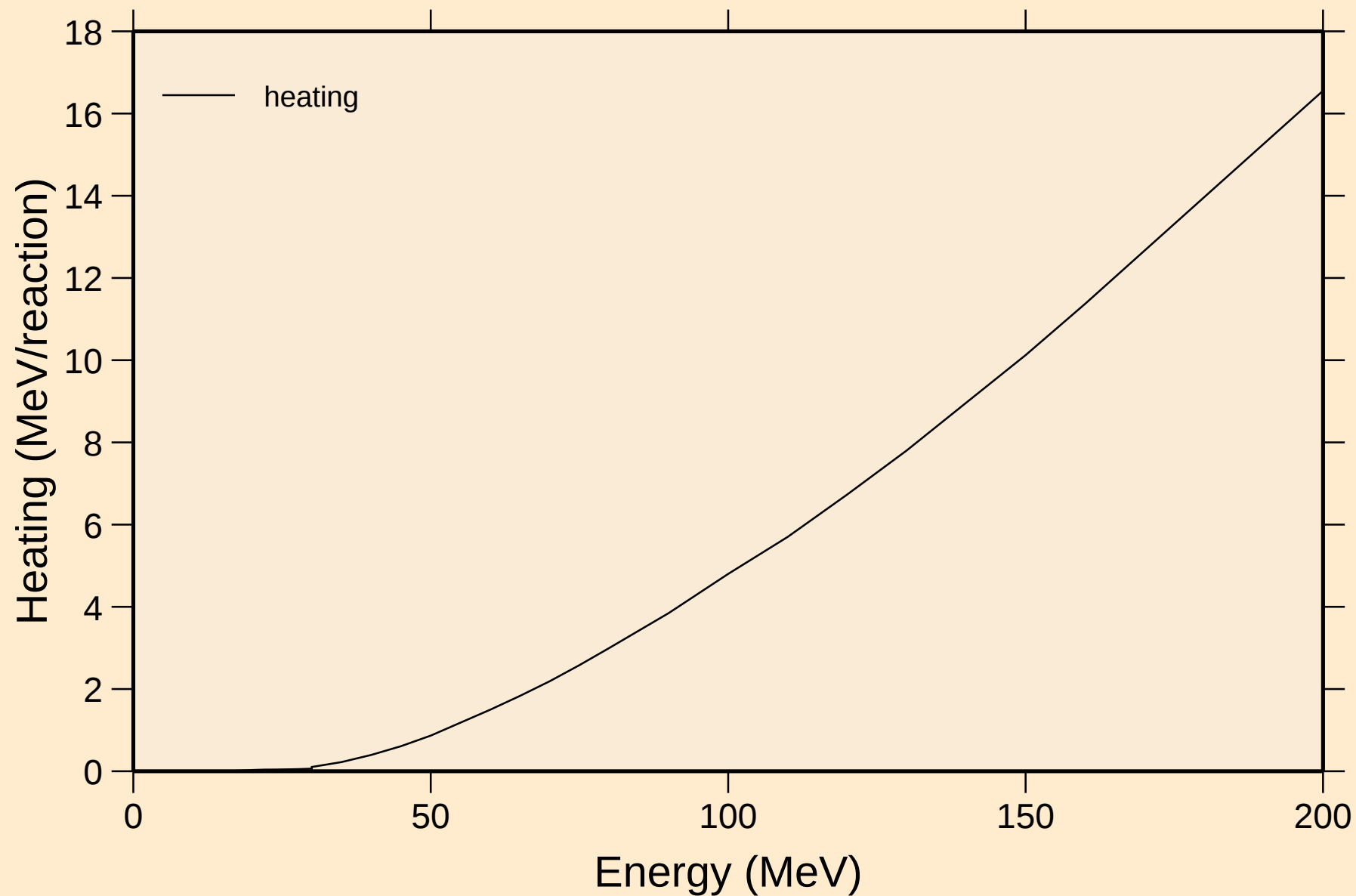
# XE116 PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



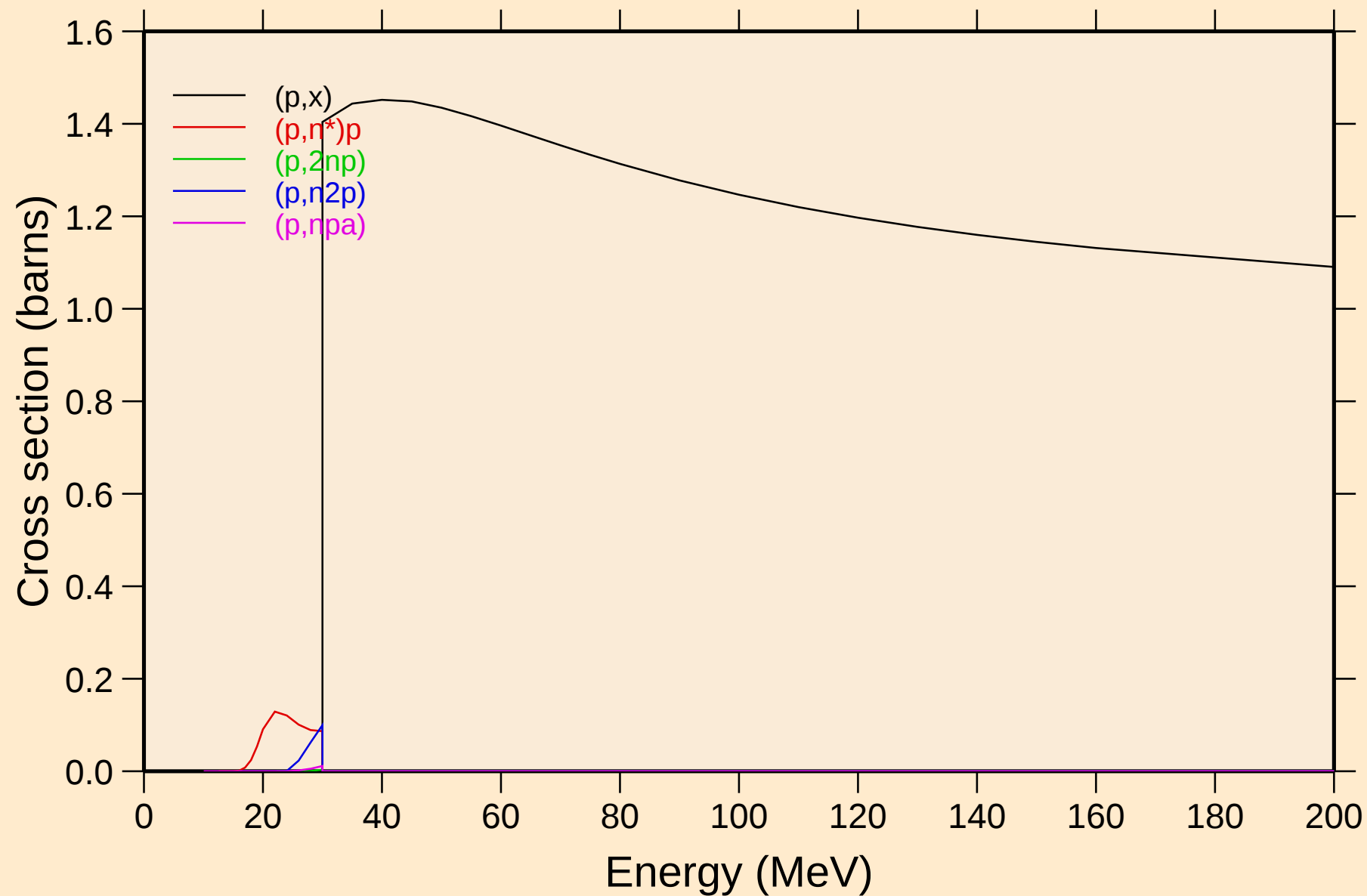
# XE116 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Heating



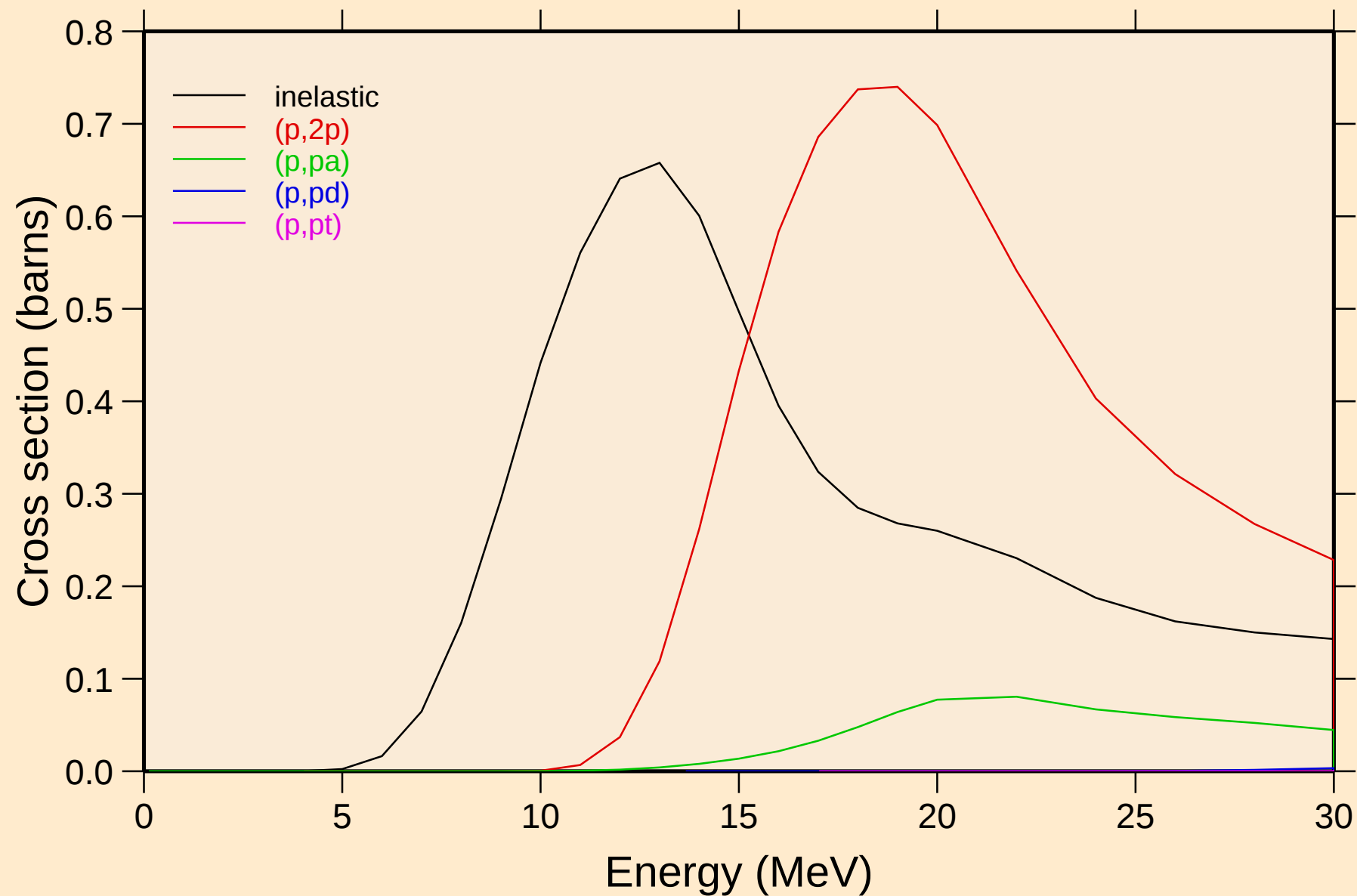
# XE116 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions



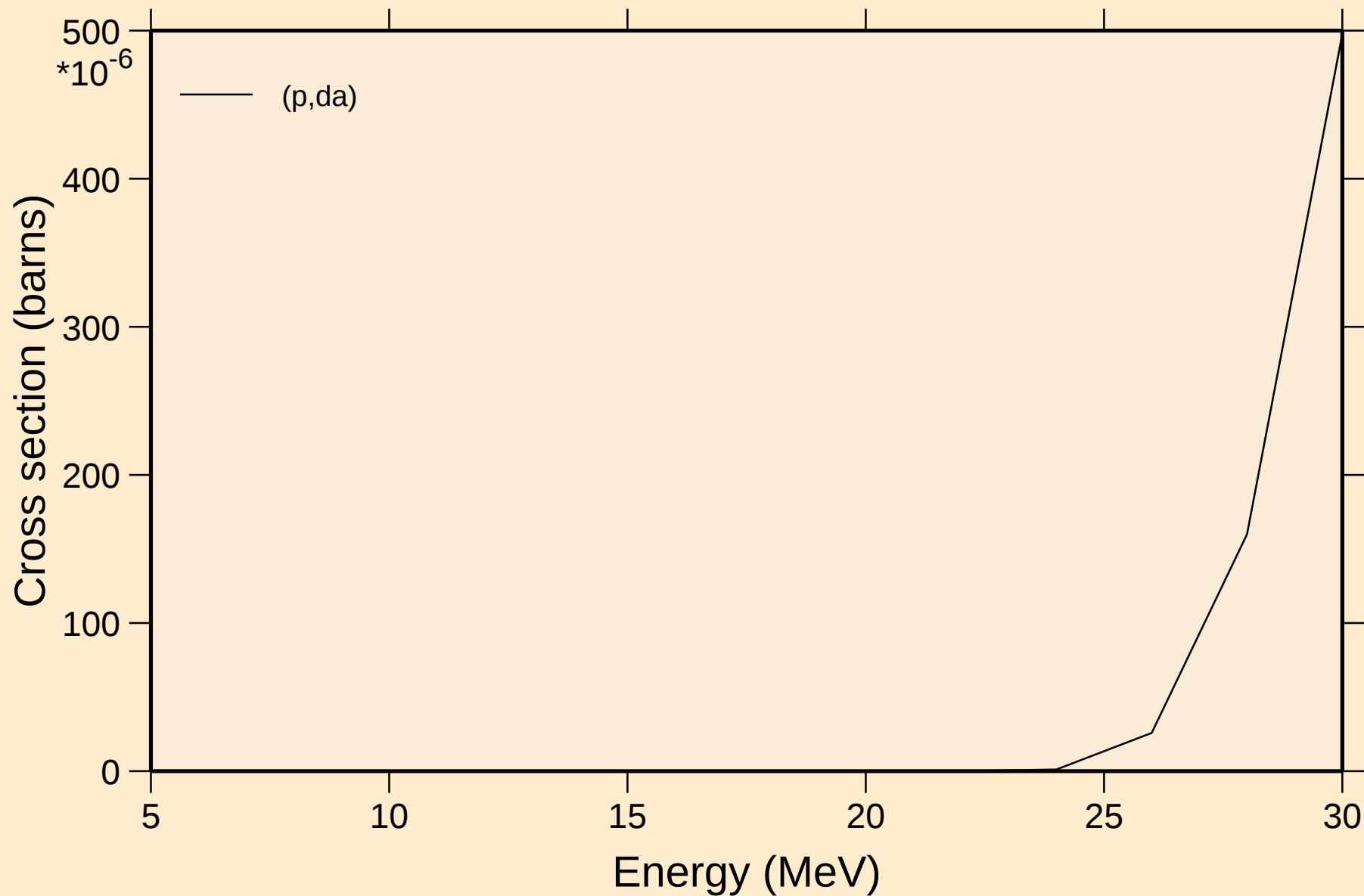
# XE116 PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

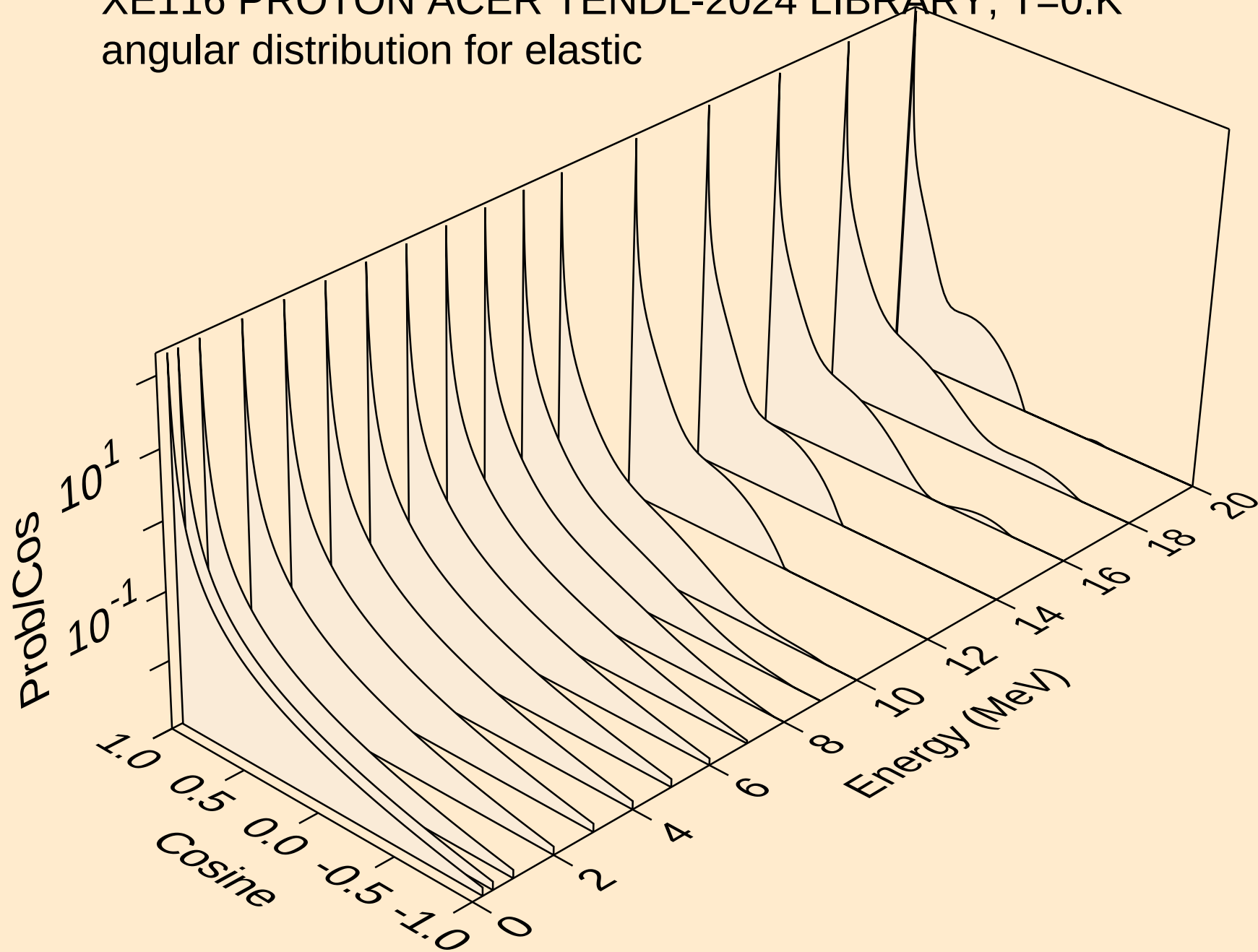


# XE116 PROTON ACER TENDL-2024 LIBRARY; T=0.K

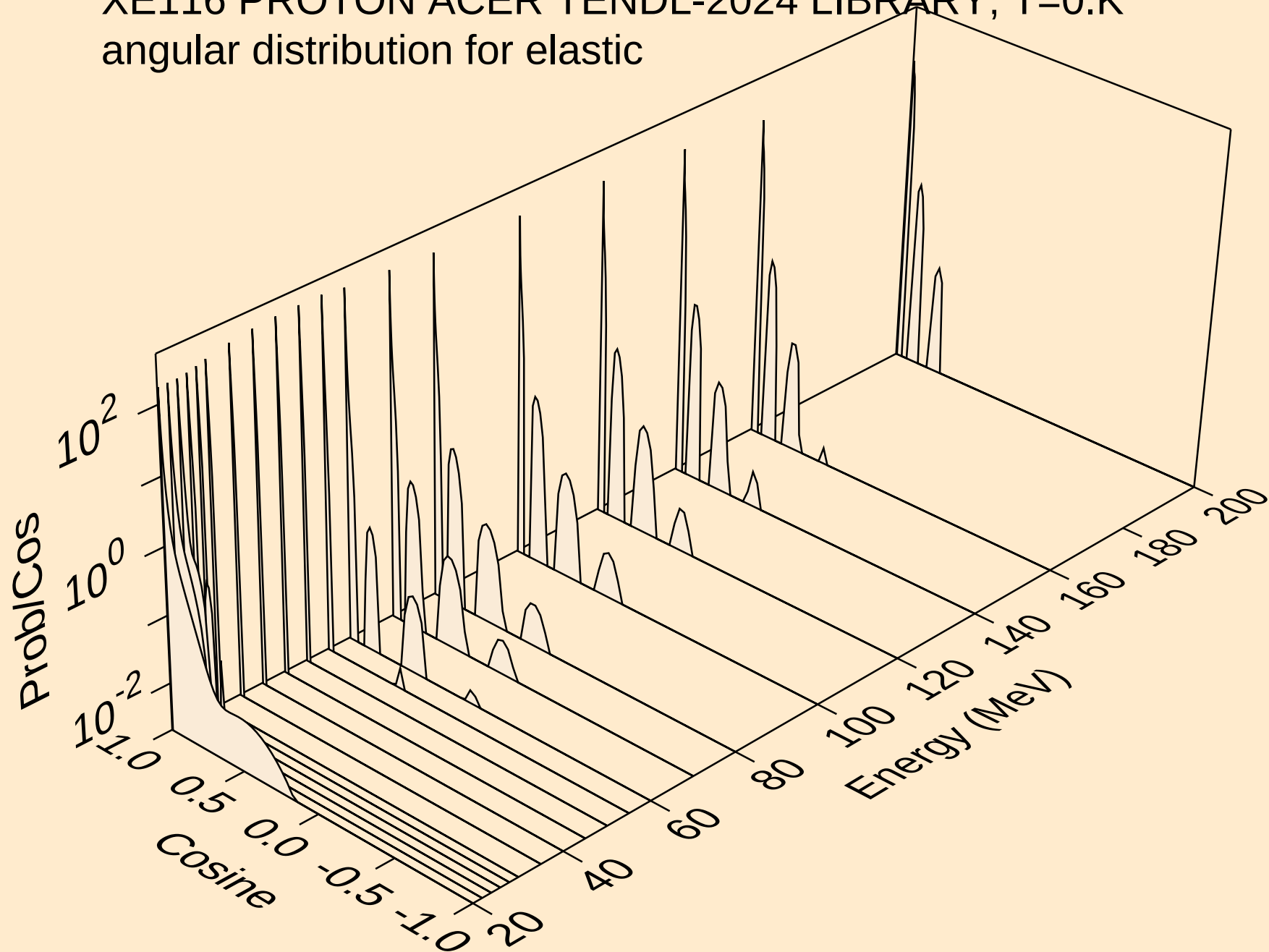
Threshold reactions



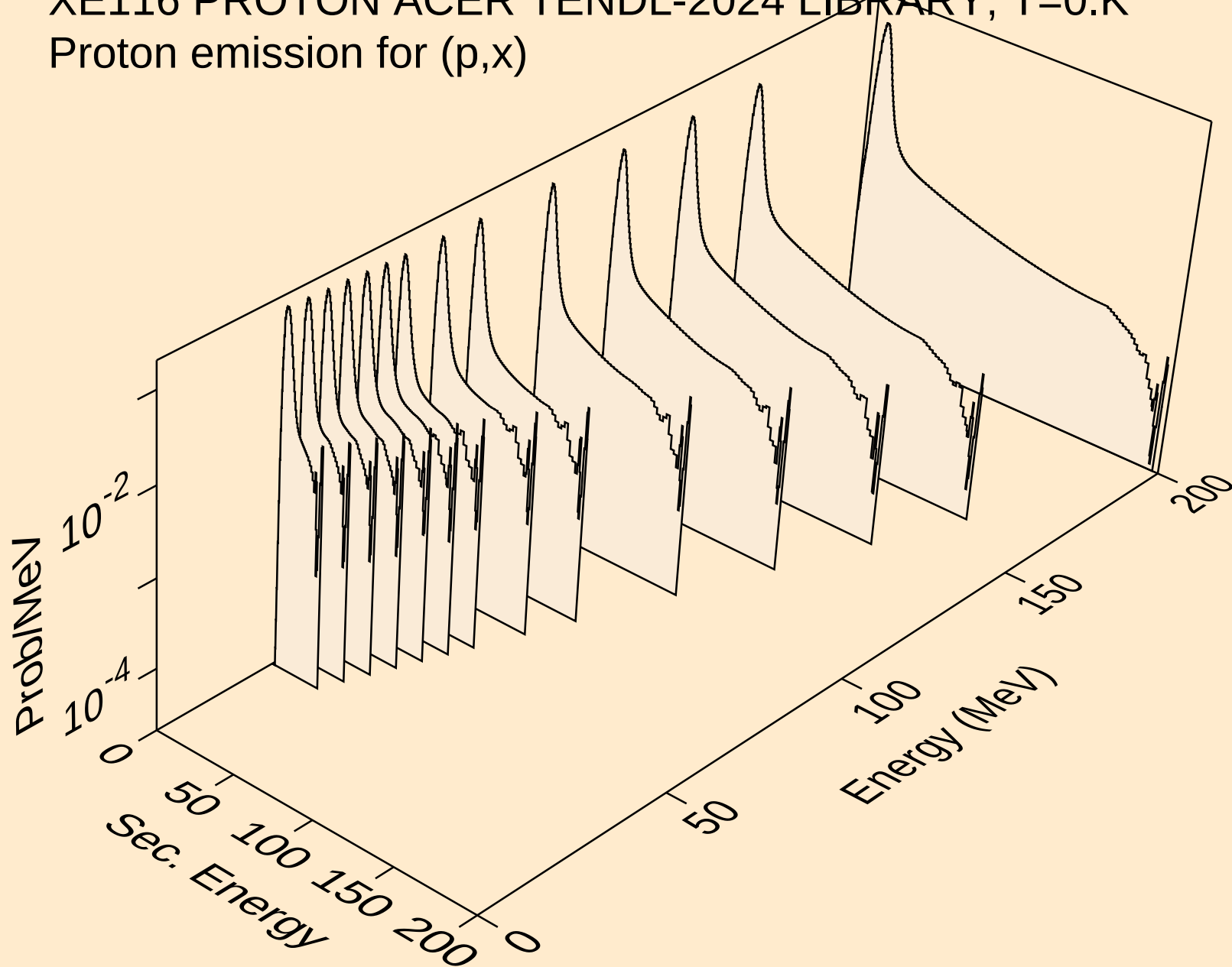
XE116 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



XE116 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

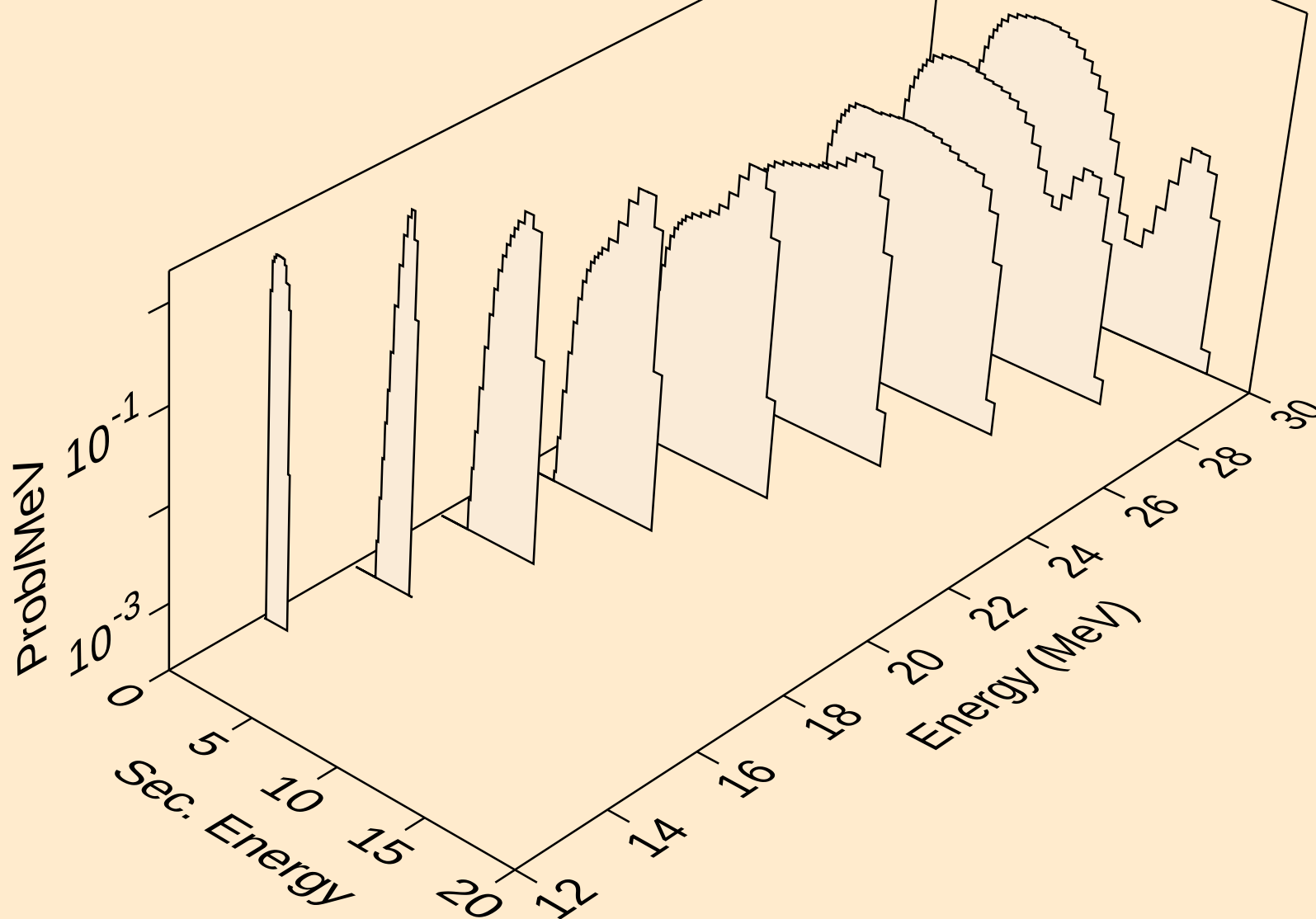


XE116 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,x)

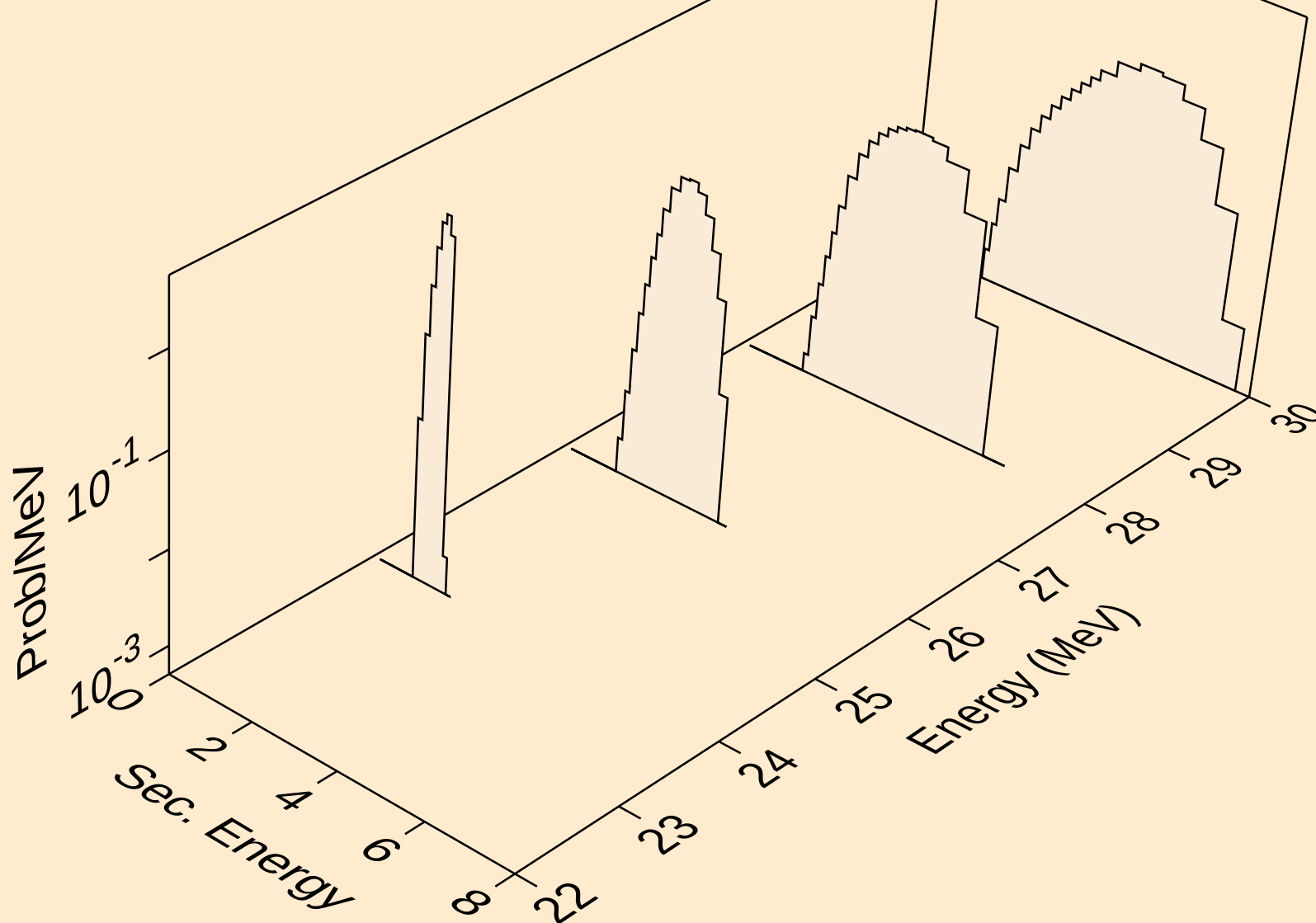


XE116 PROTON ACER TENDL-2024 LIBRARY; T=0.K

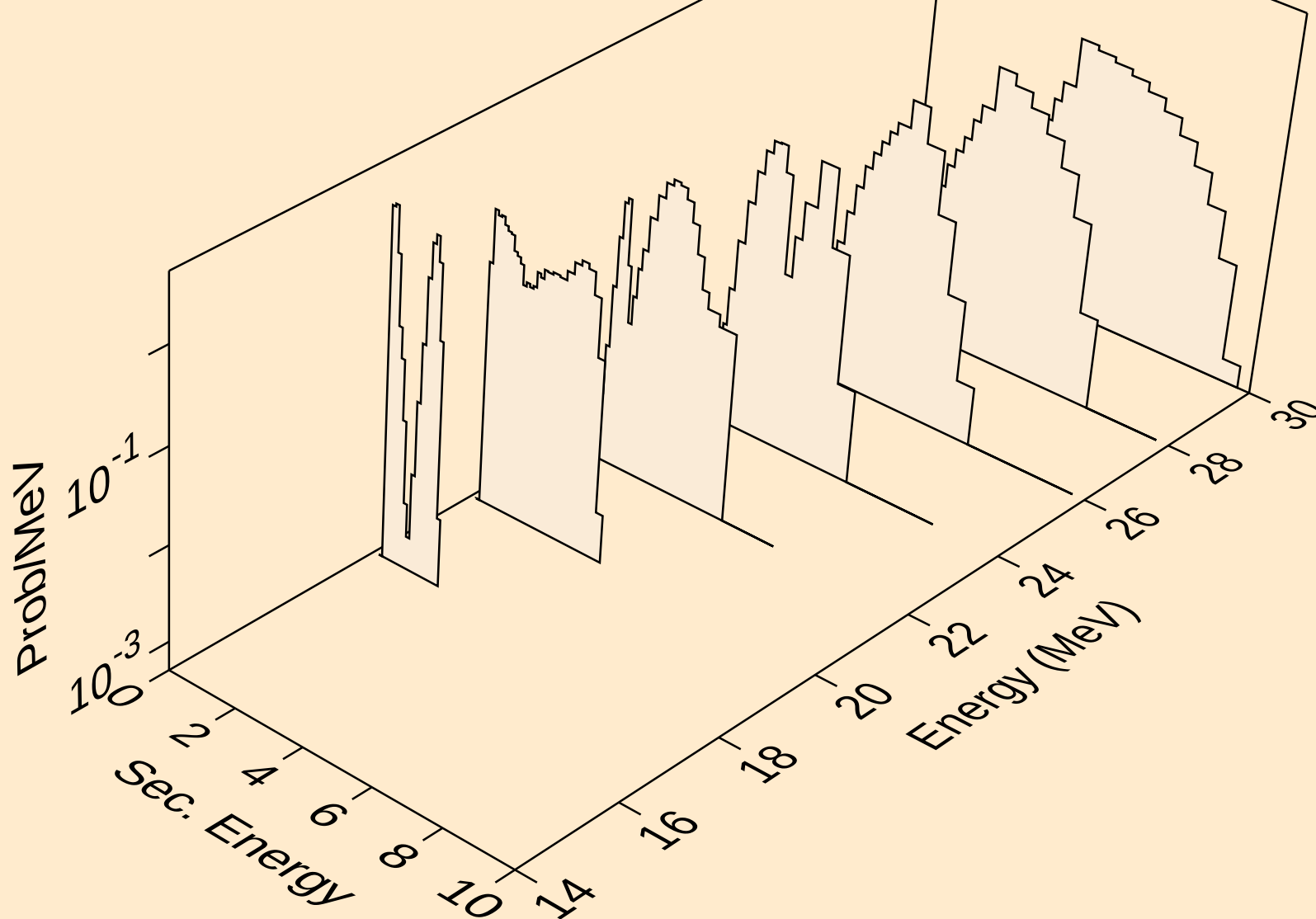
Proton emission for (p,n\*)p



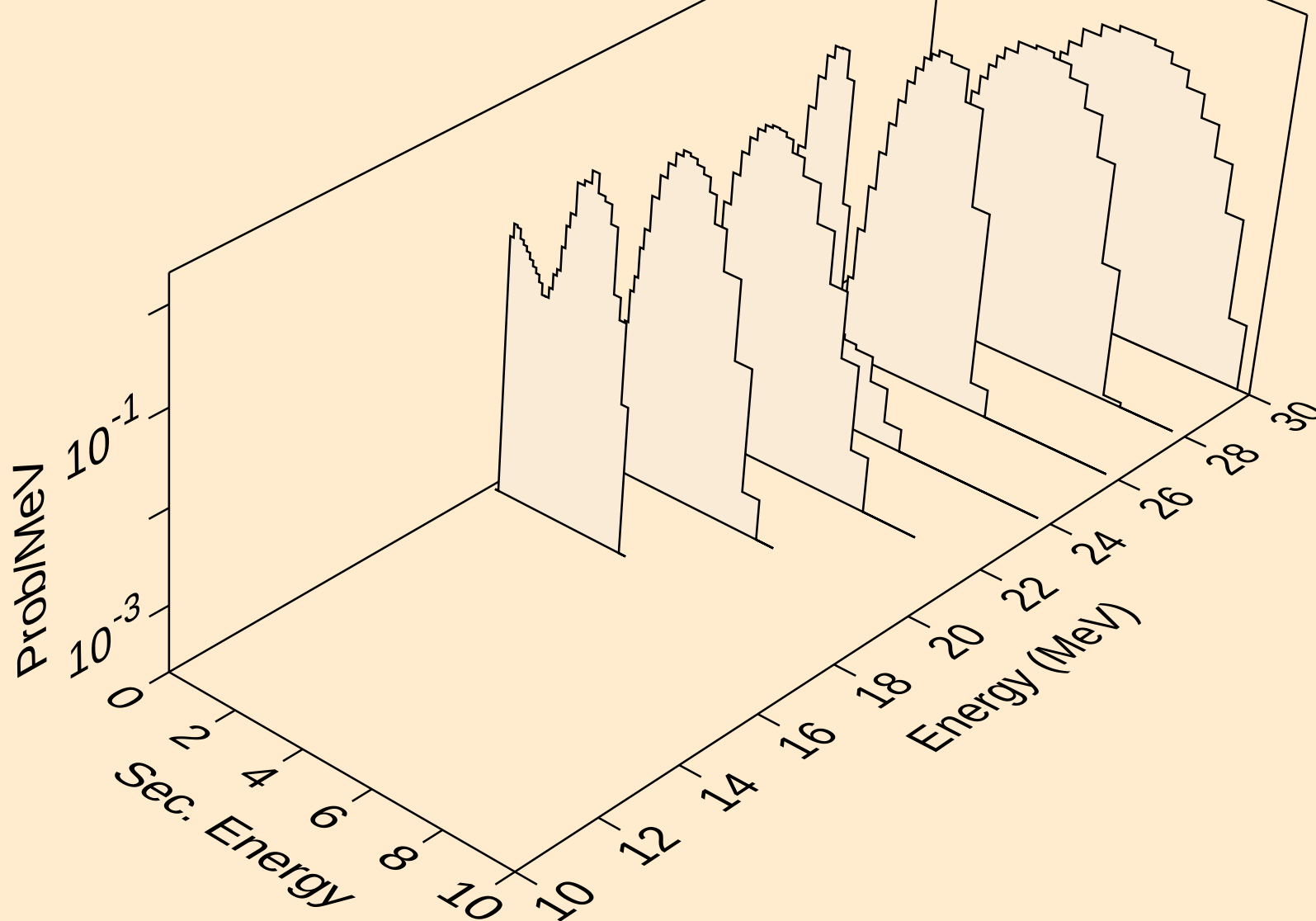
XE116 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,2np)



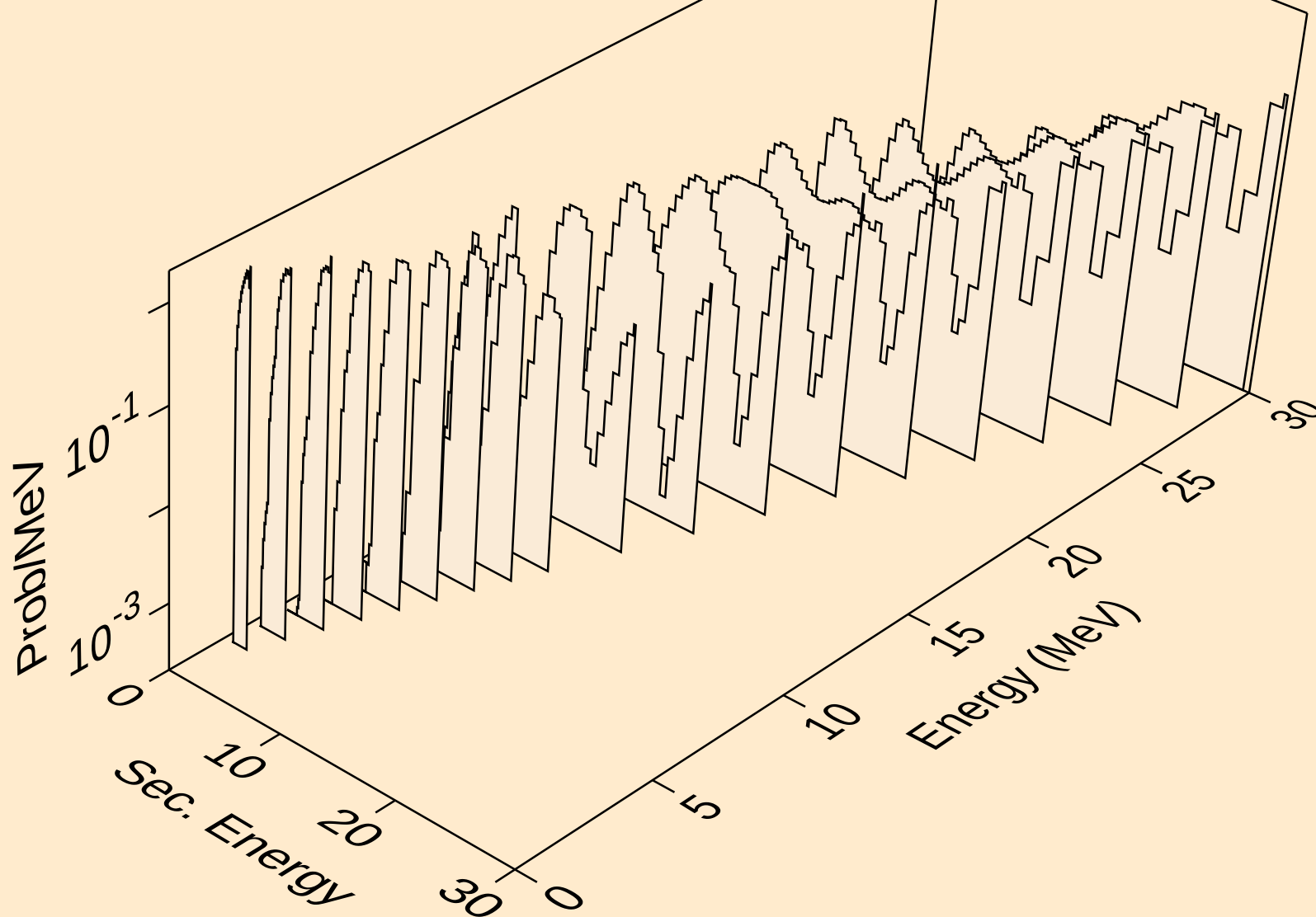
XE116 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,n2p)



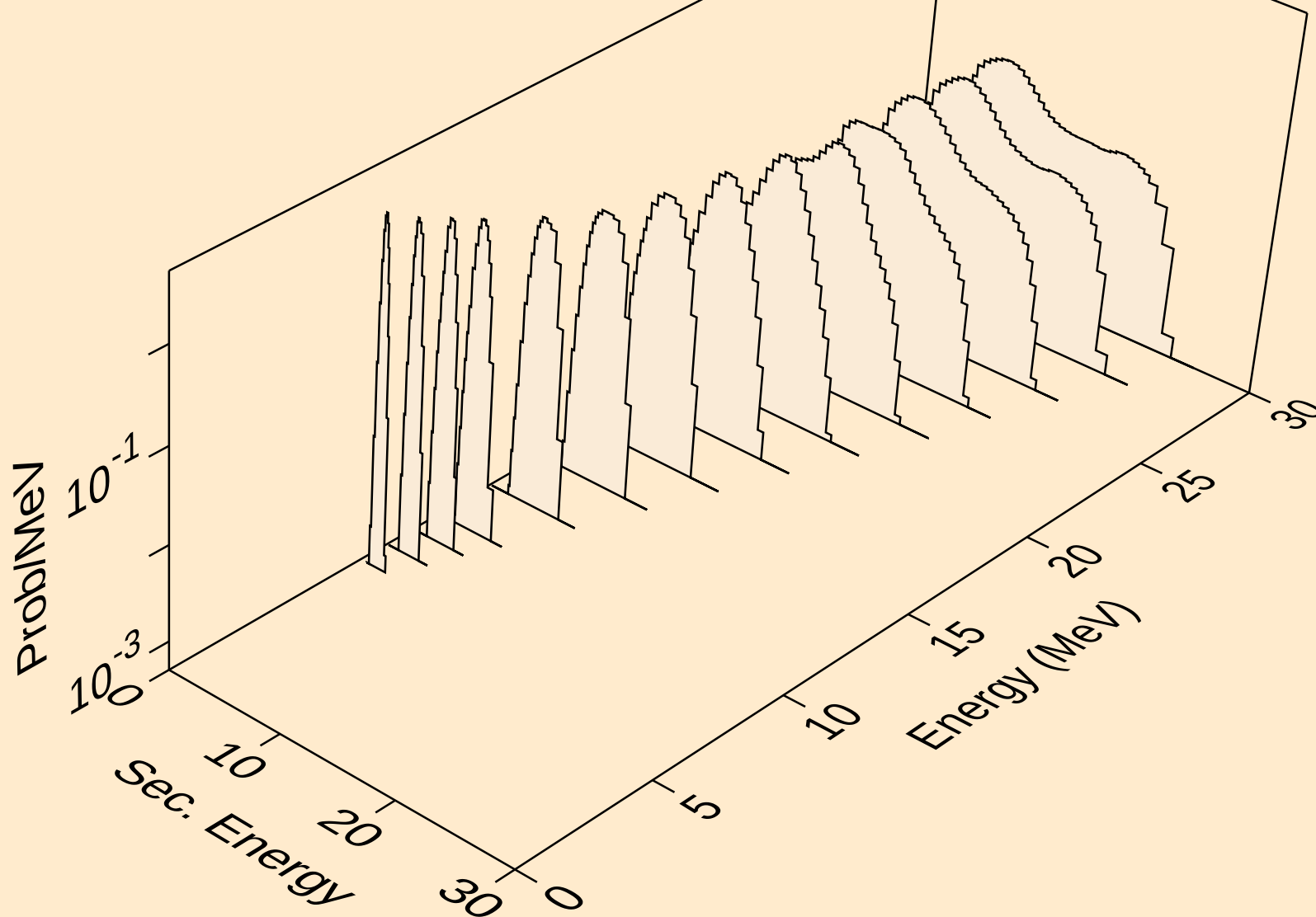
XE116 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,npa)



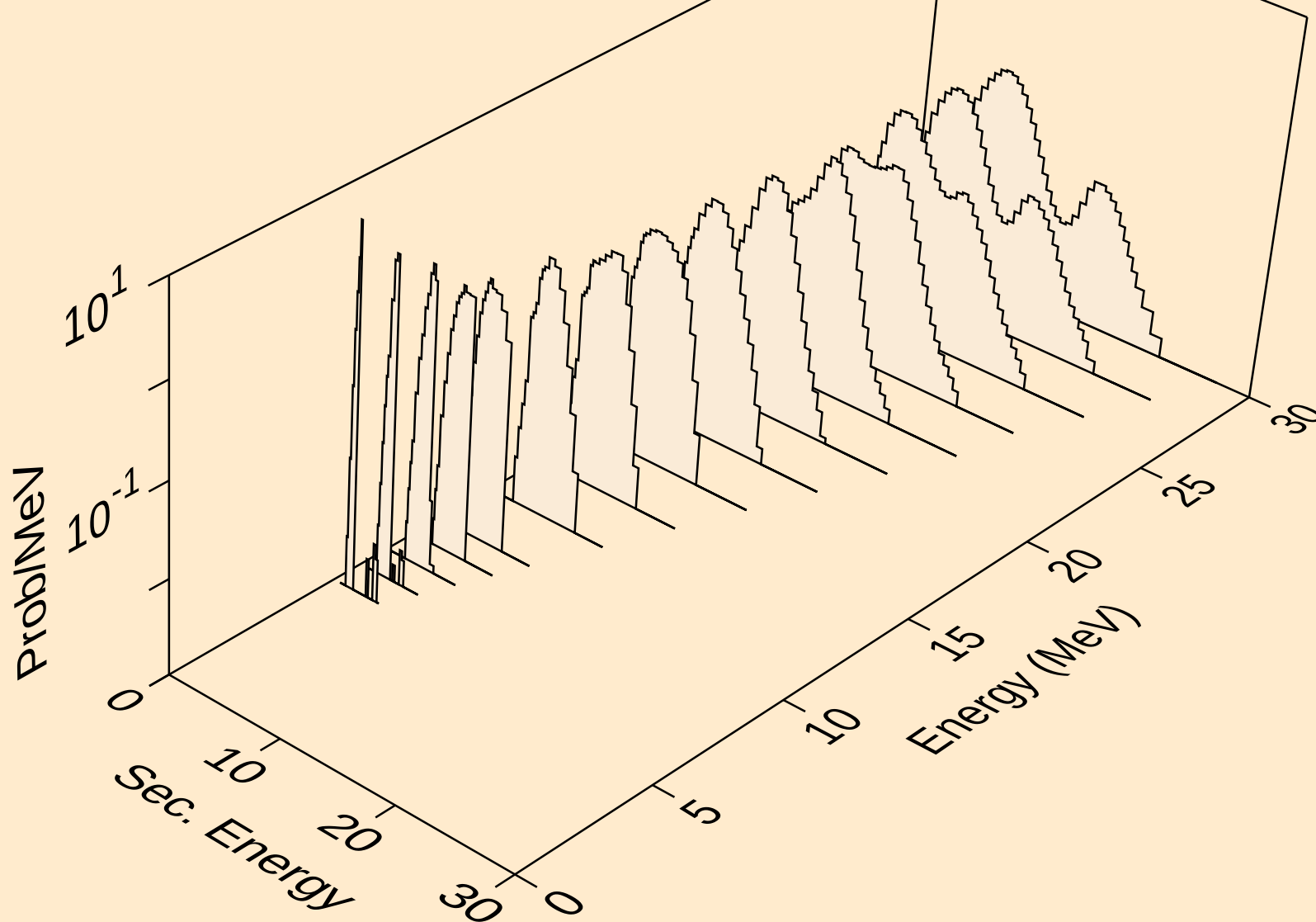
XE116 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for inelastic



XE116 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,2p)

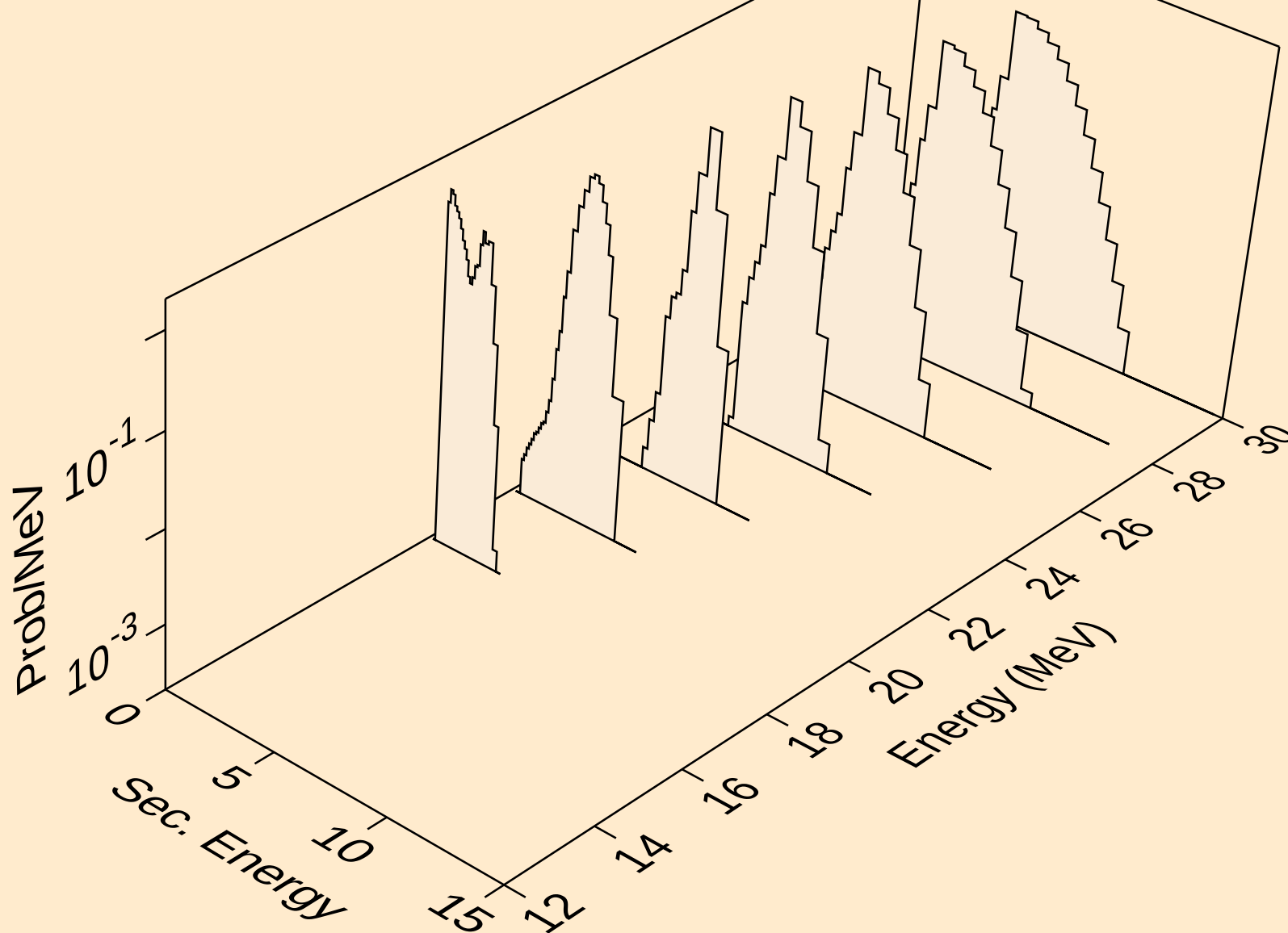


XE116 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,pa)



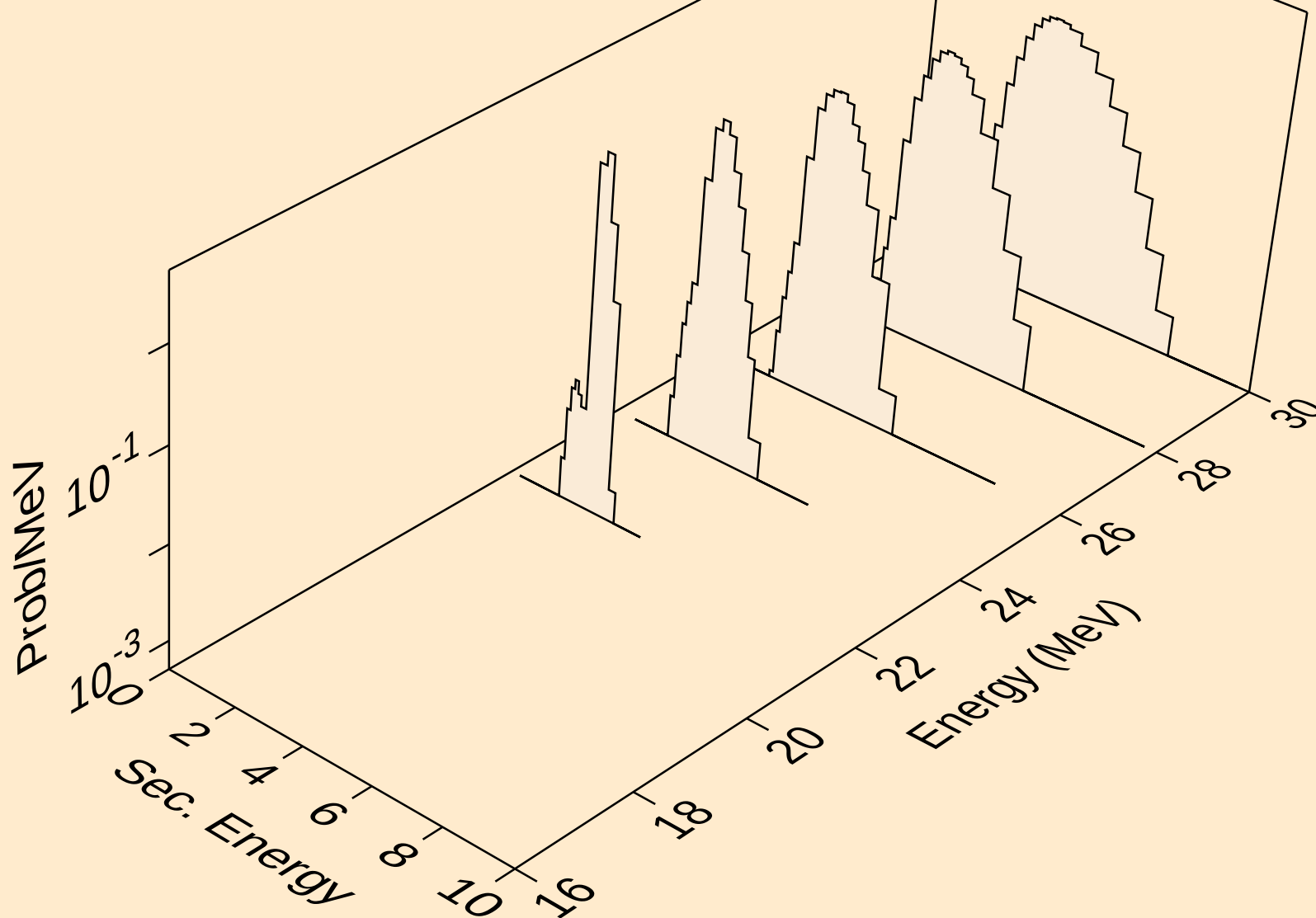
XE116 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Proton emission for (p,pd)

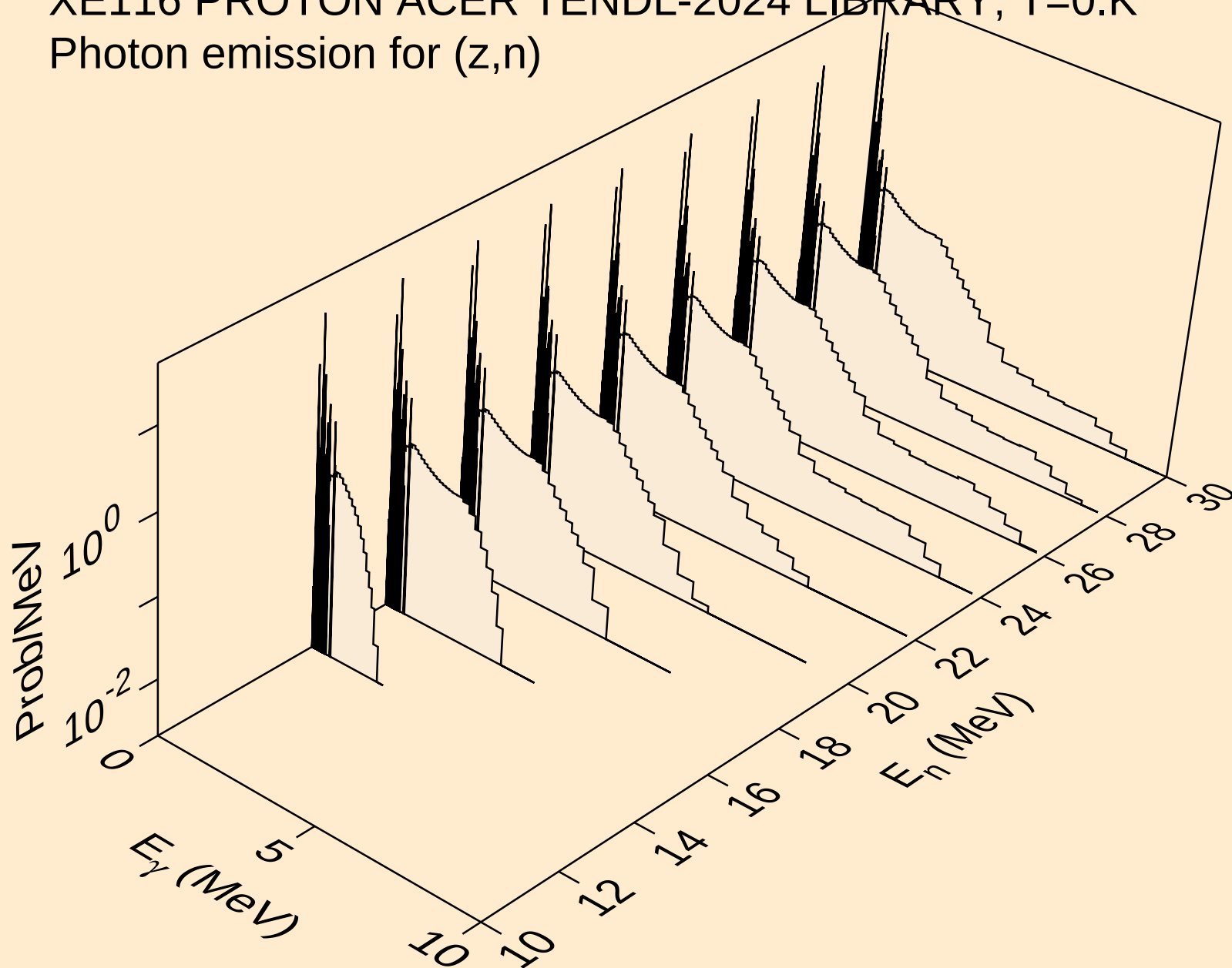


XE116 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Proton emission for (p,pt)

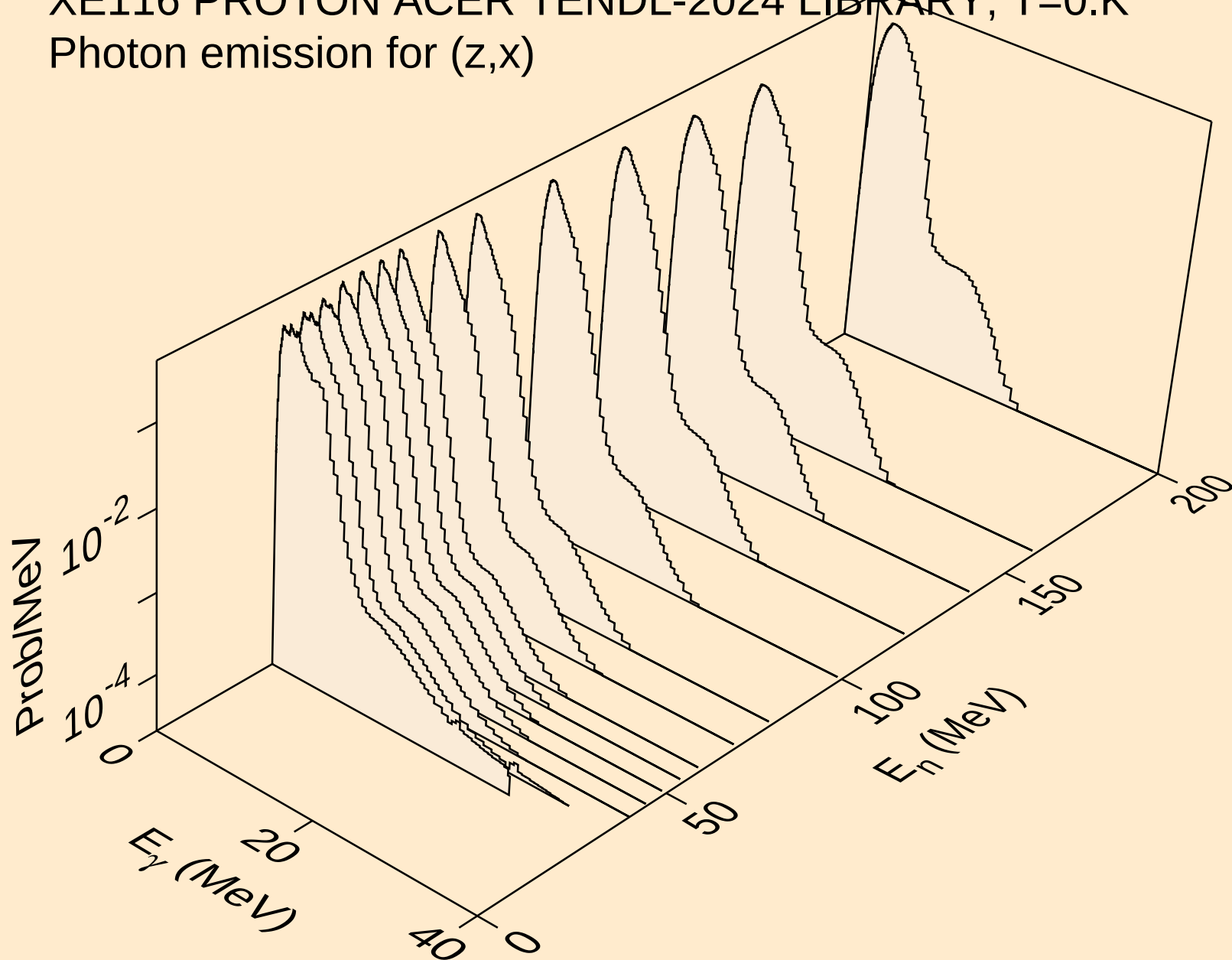


XE116 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (z,n)

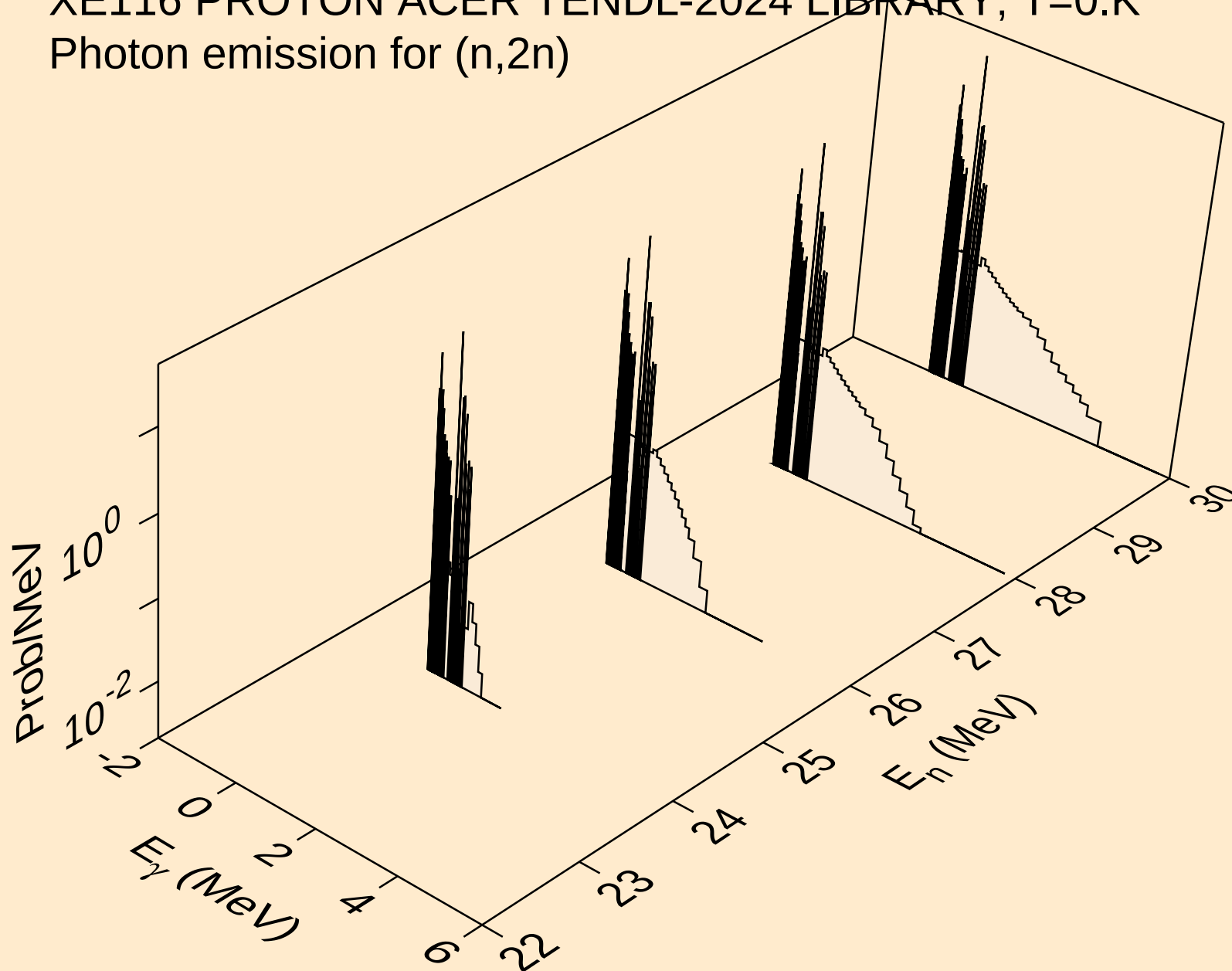


XE116 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (z,x)

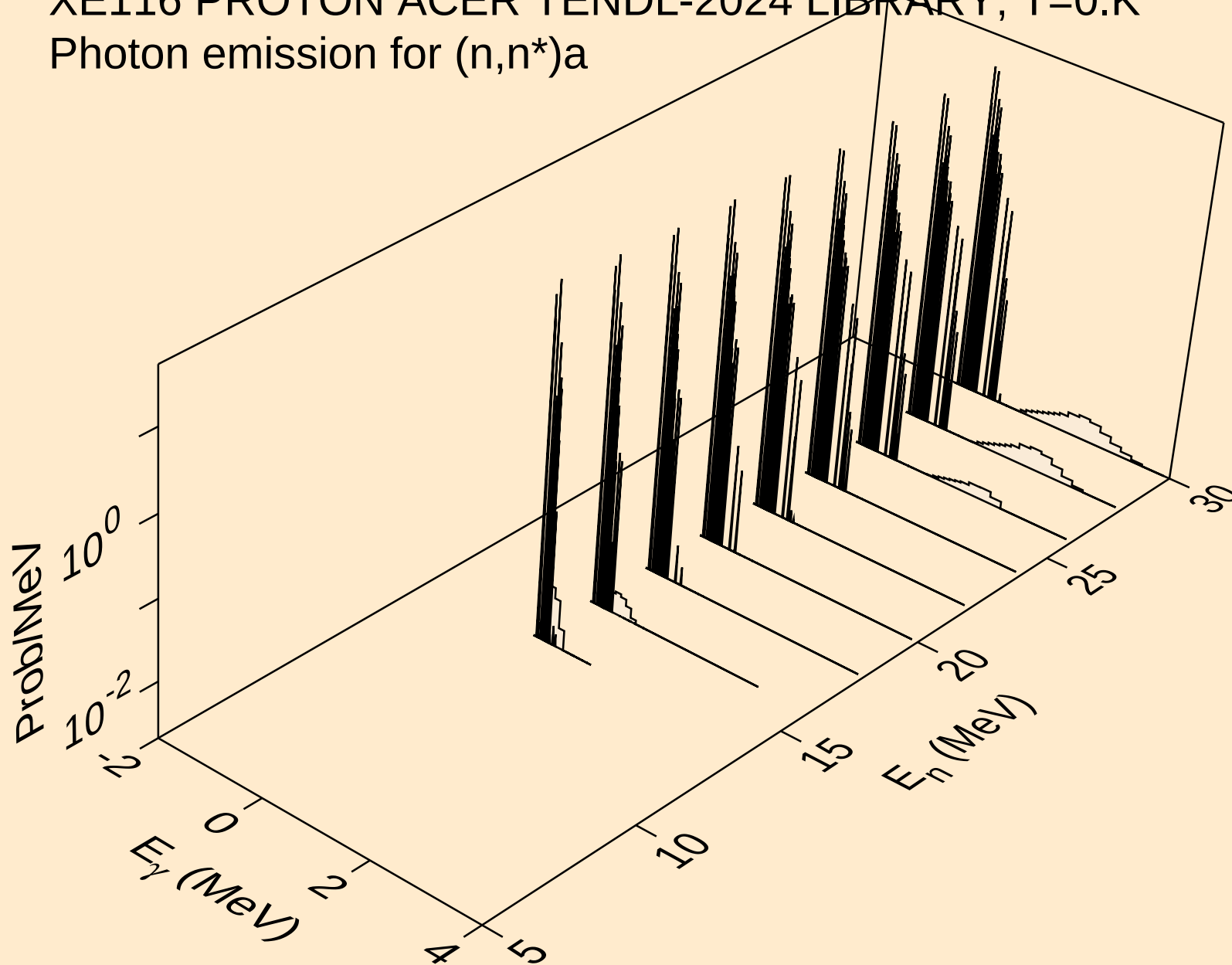


XE116 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (n,2n)



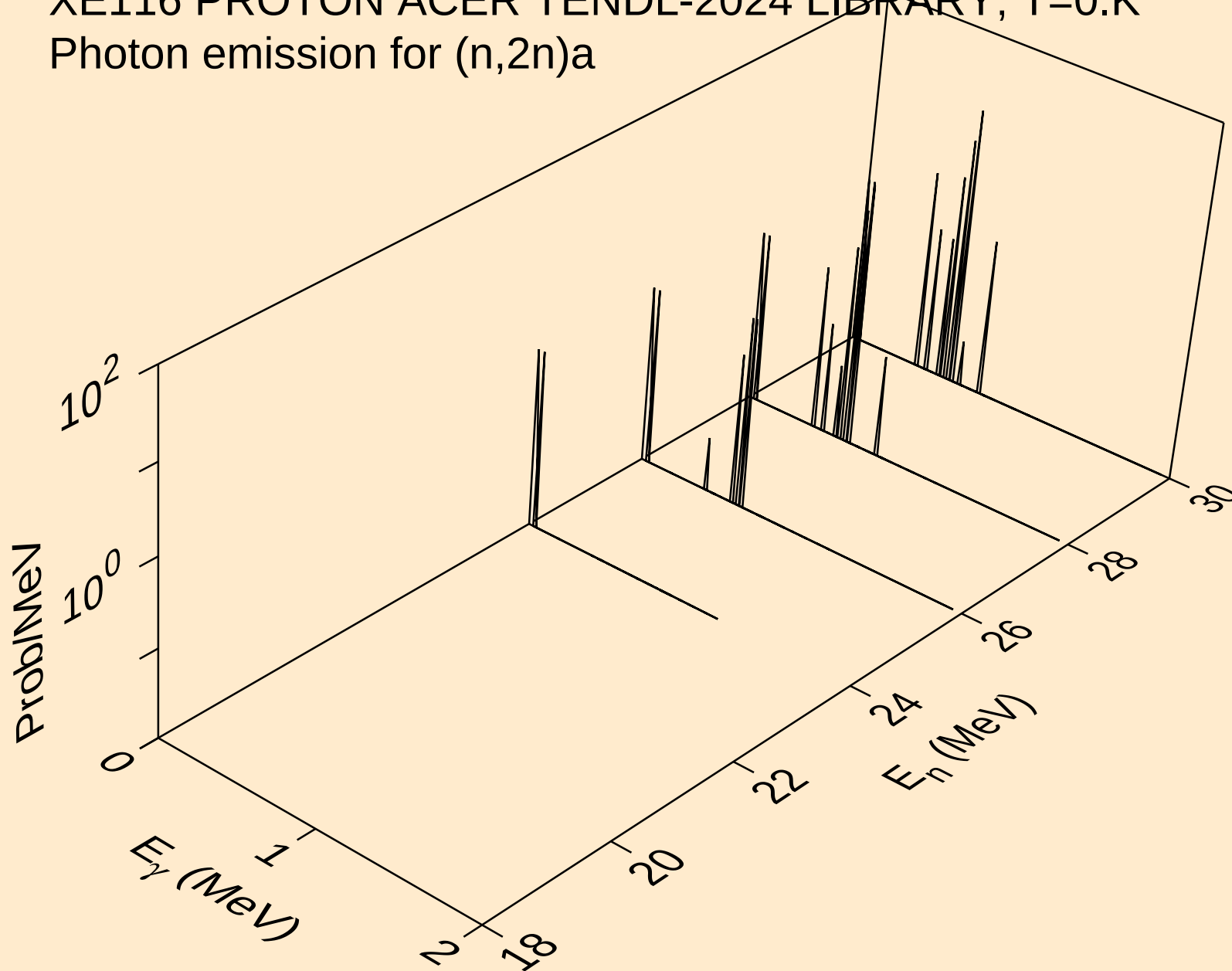
XE116 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)a



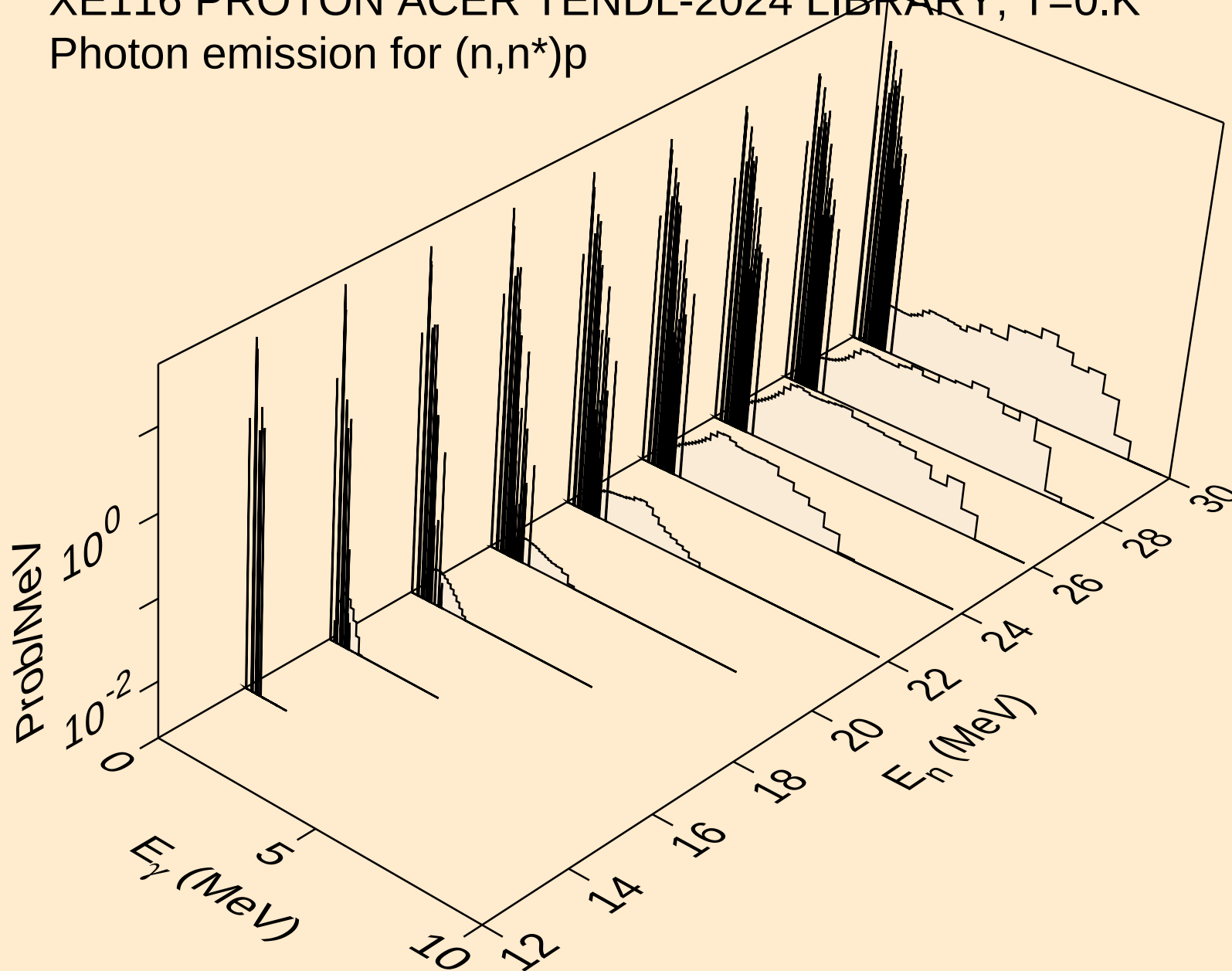
XE116 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,2n) $\alpha$



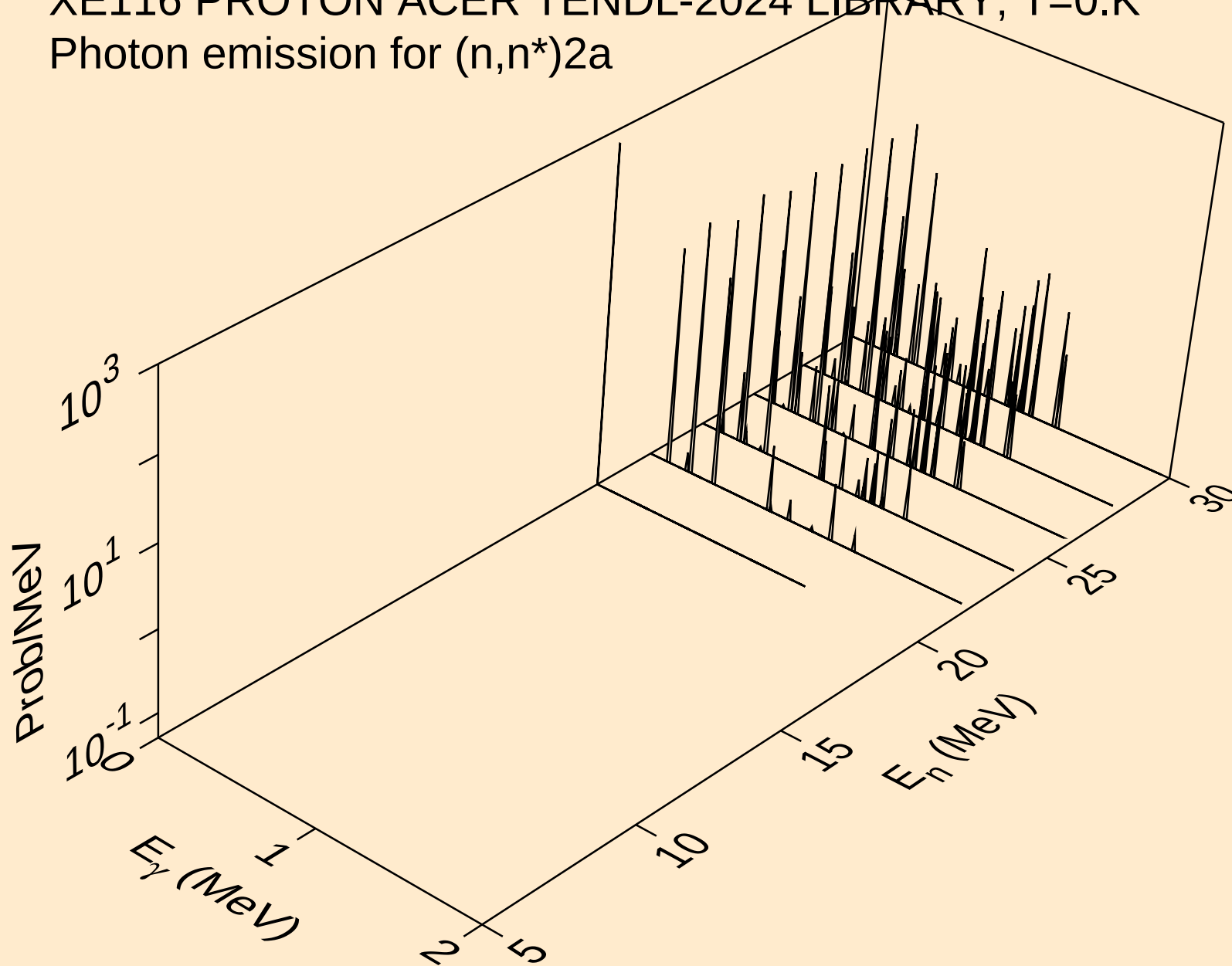
XE116 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)p



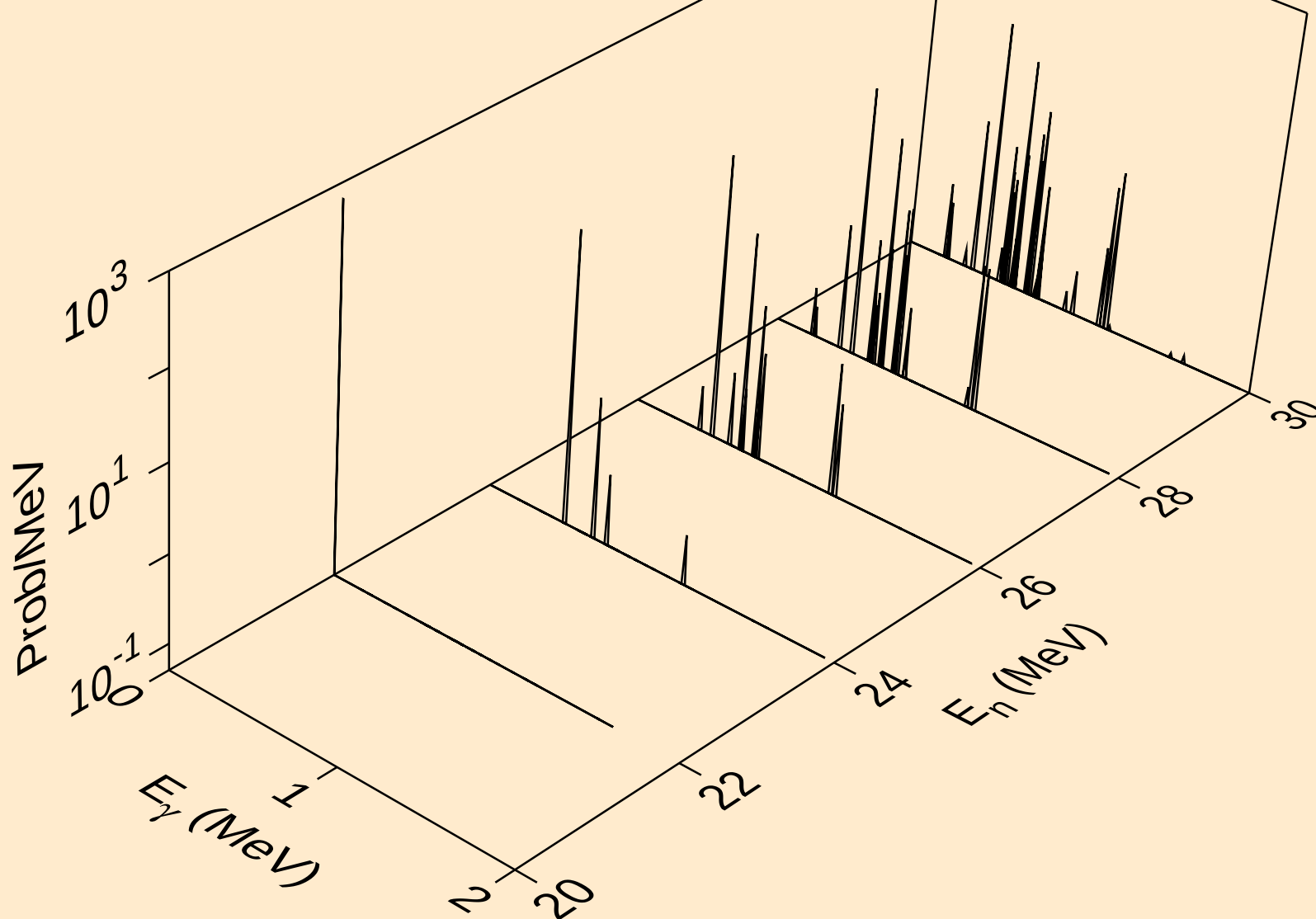
XE116 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)2a

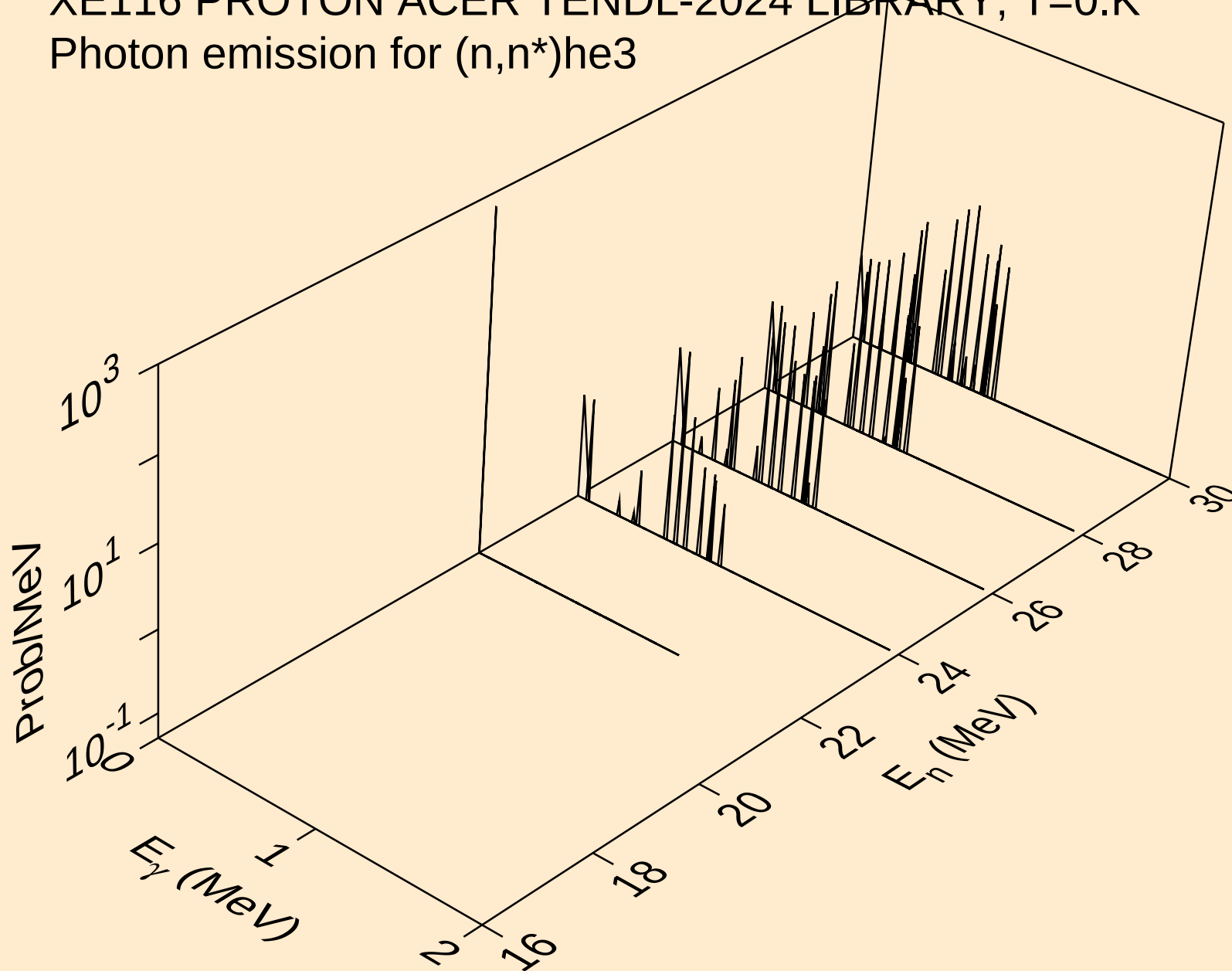


XE116 PROTON ACER TENDL-2024 LIBRARY; T=0.K

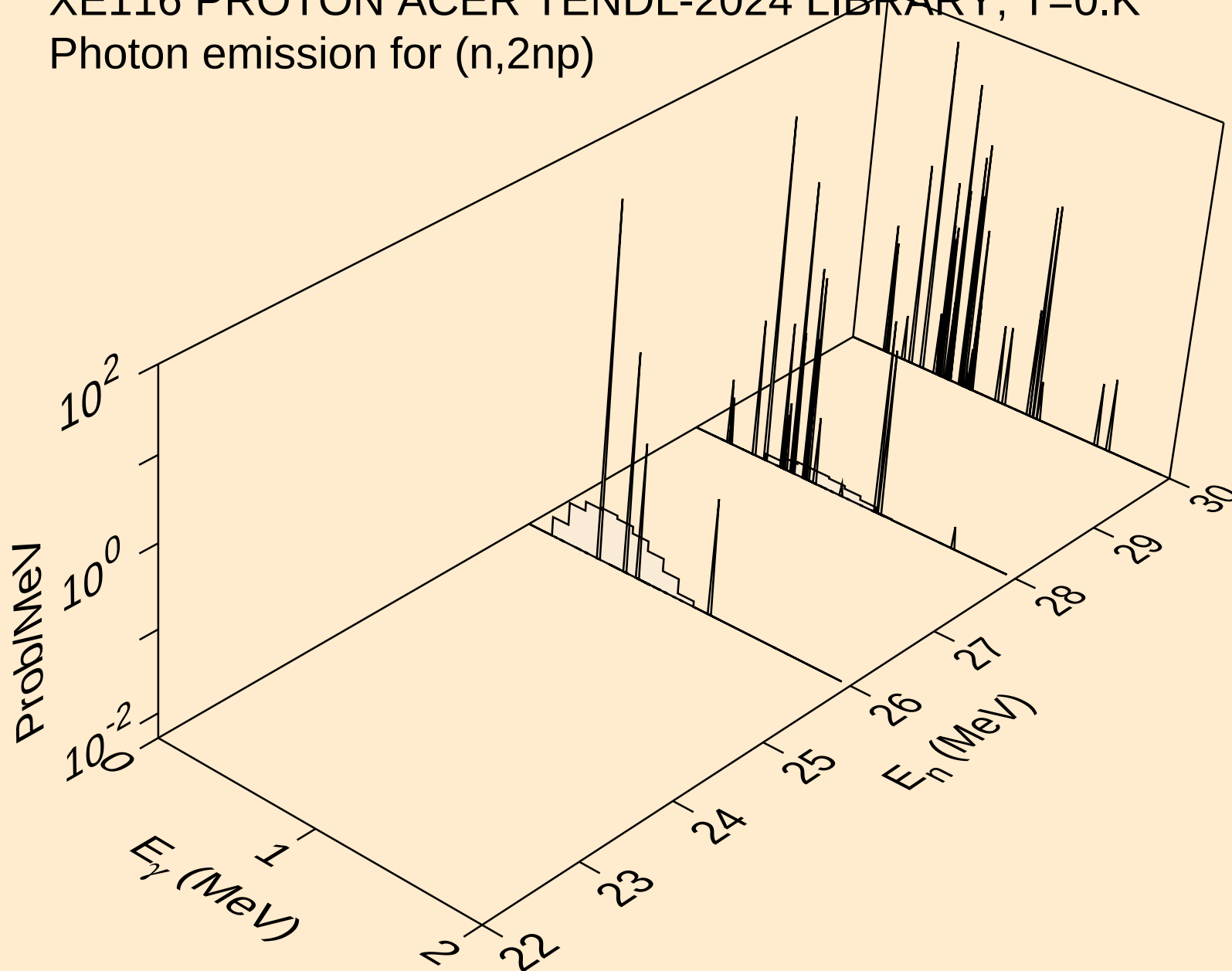
Photon emission for (n,n\*)d



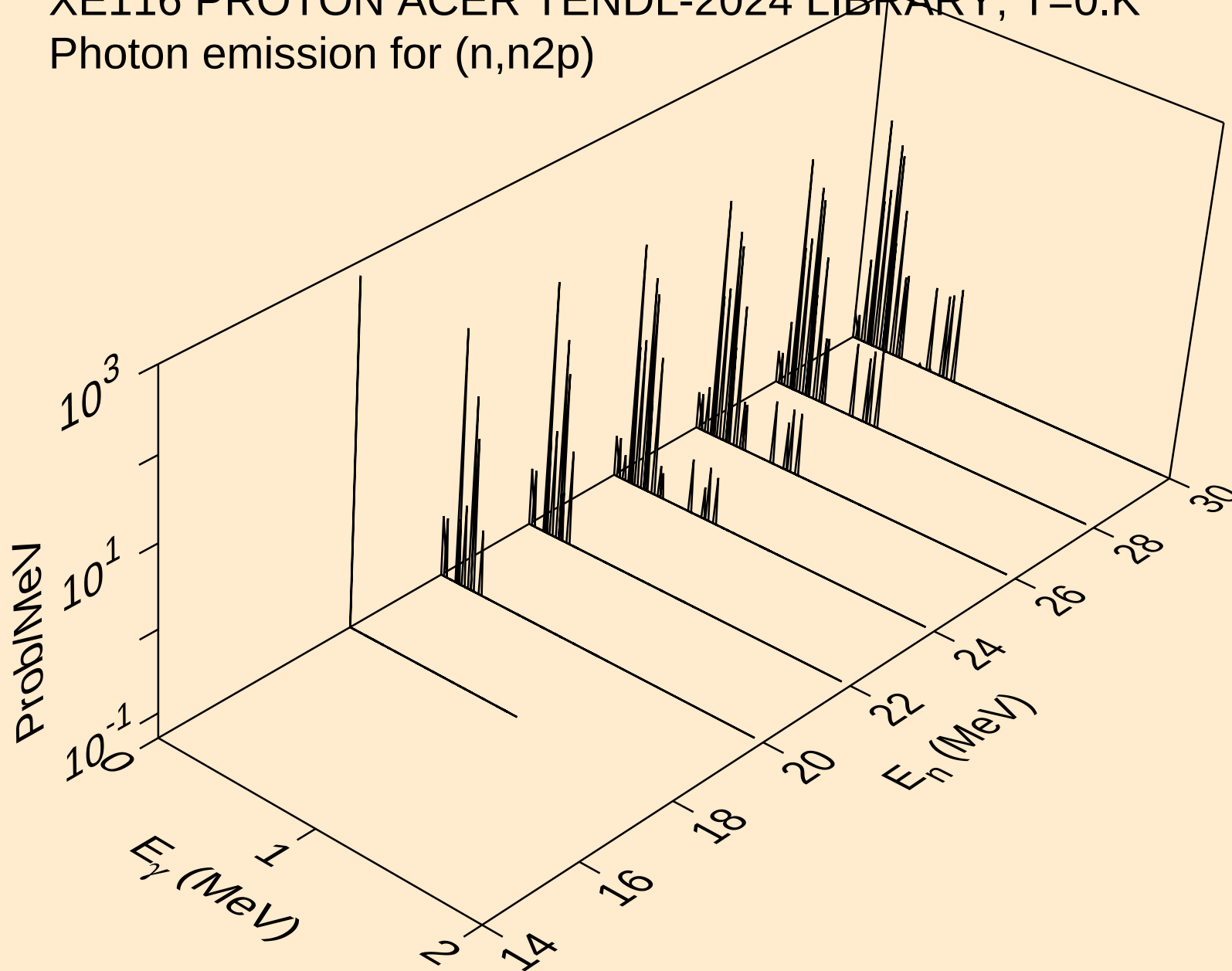
XE116 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



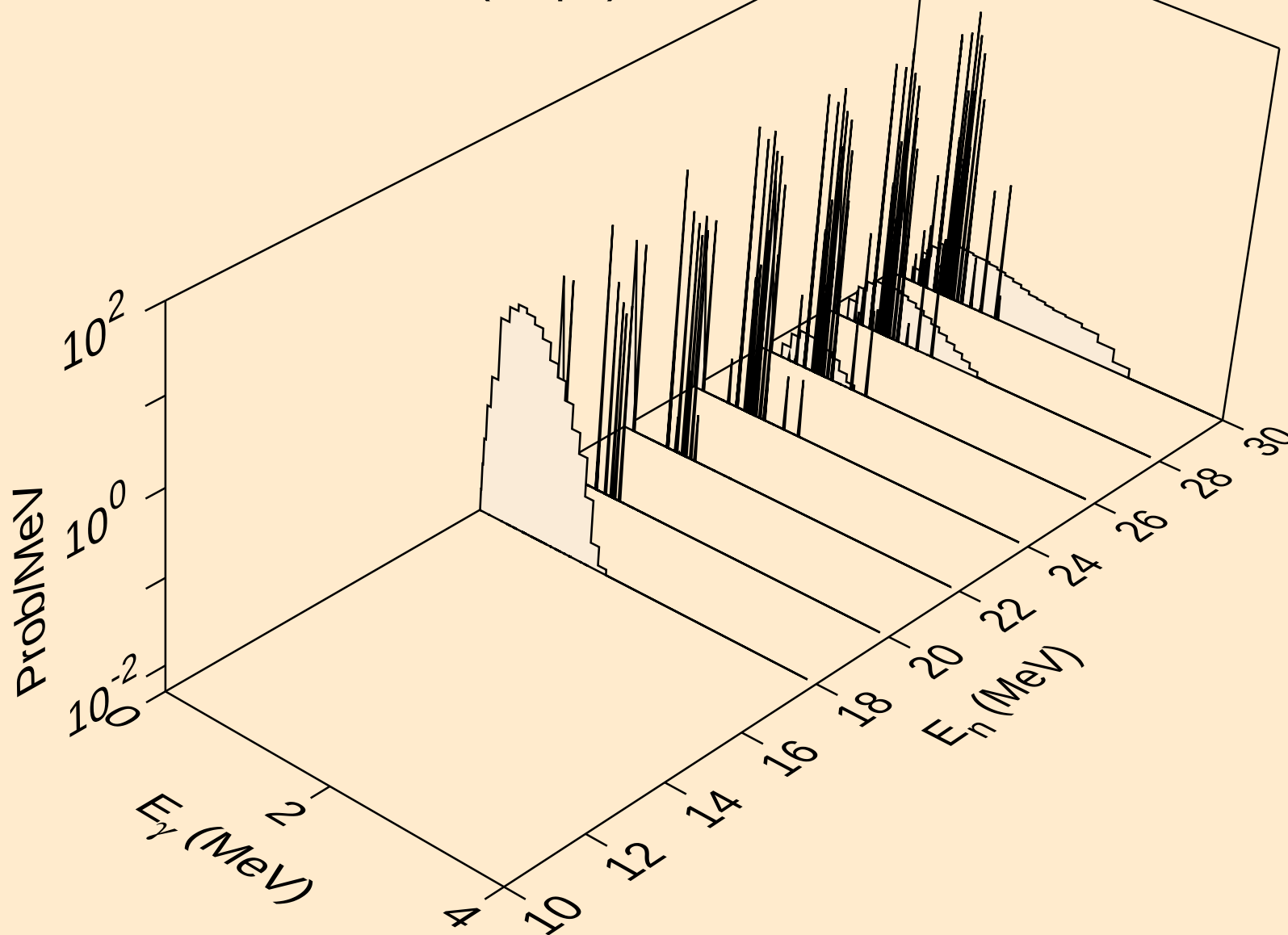
XE116 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (n,2np)



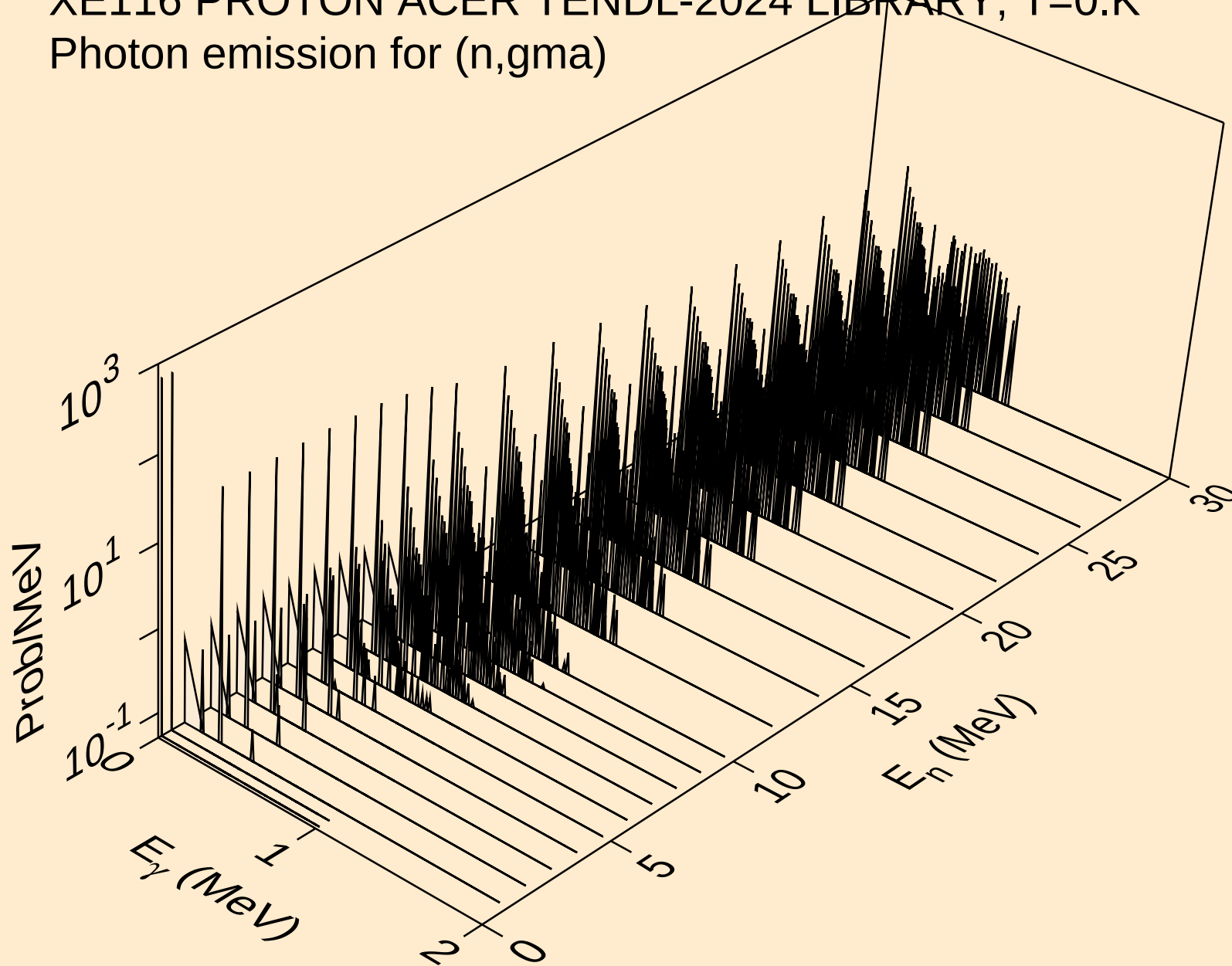
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Photon emission for (n,n2p)



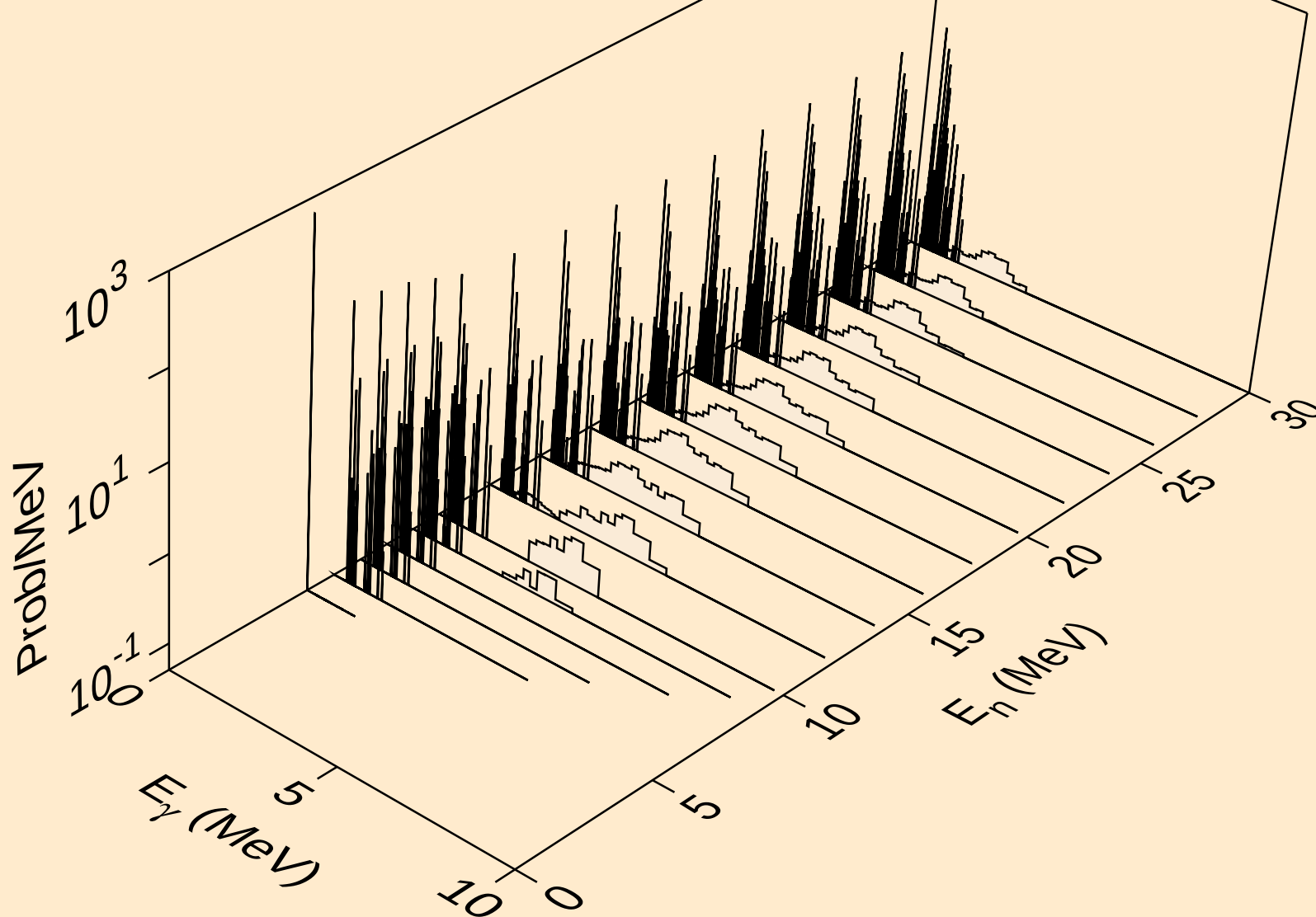
XE116 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (n,npa)



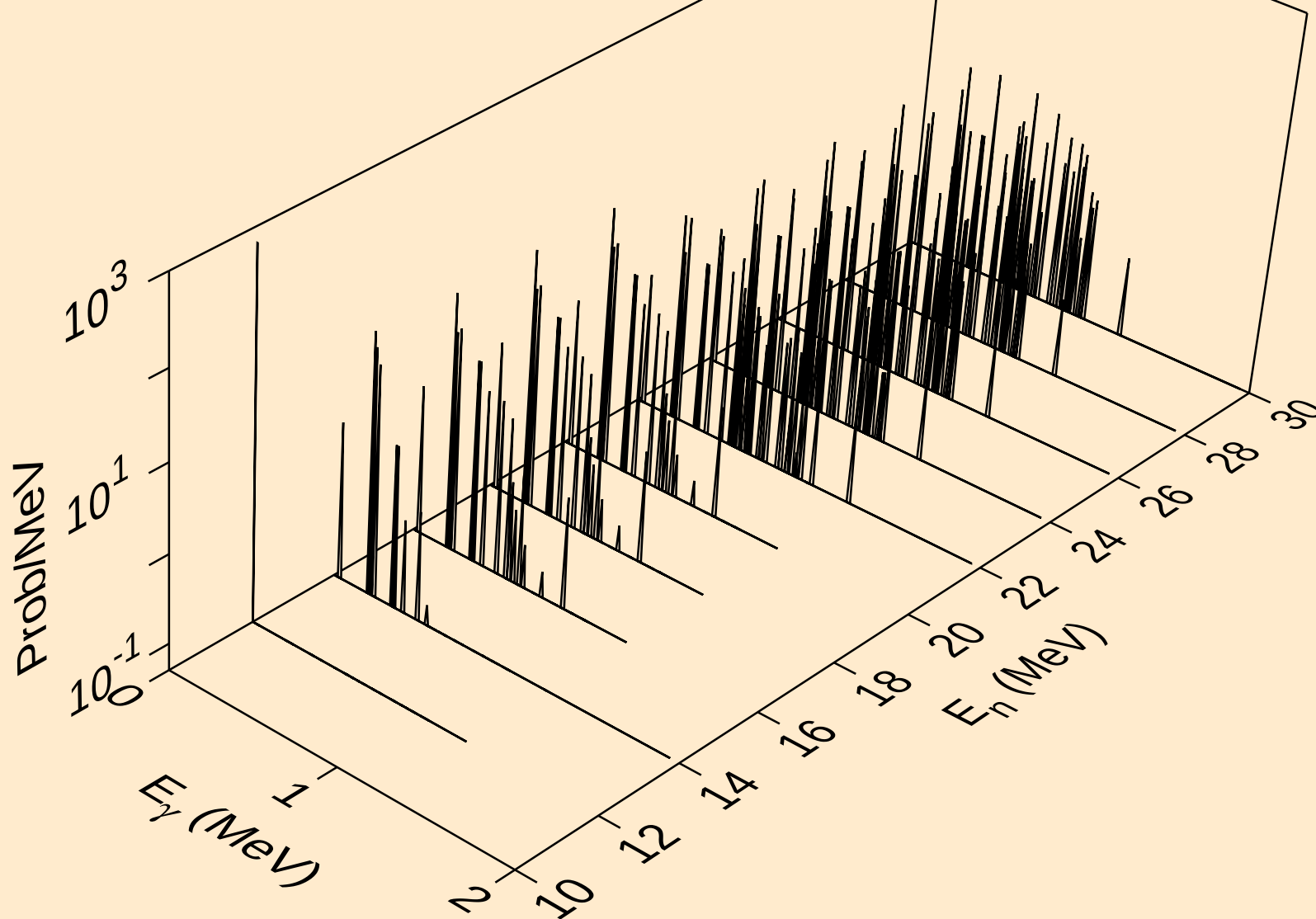
XE116 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (n,gma)



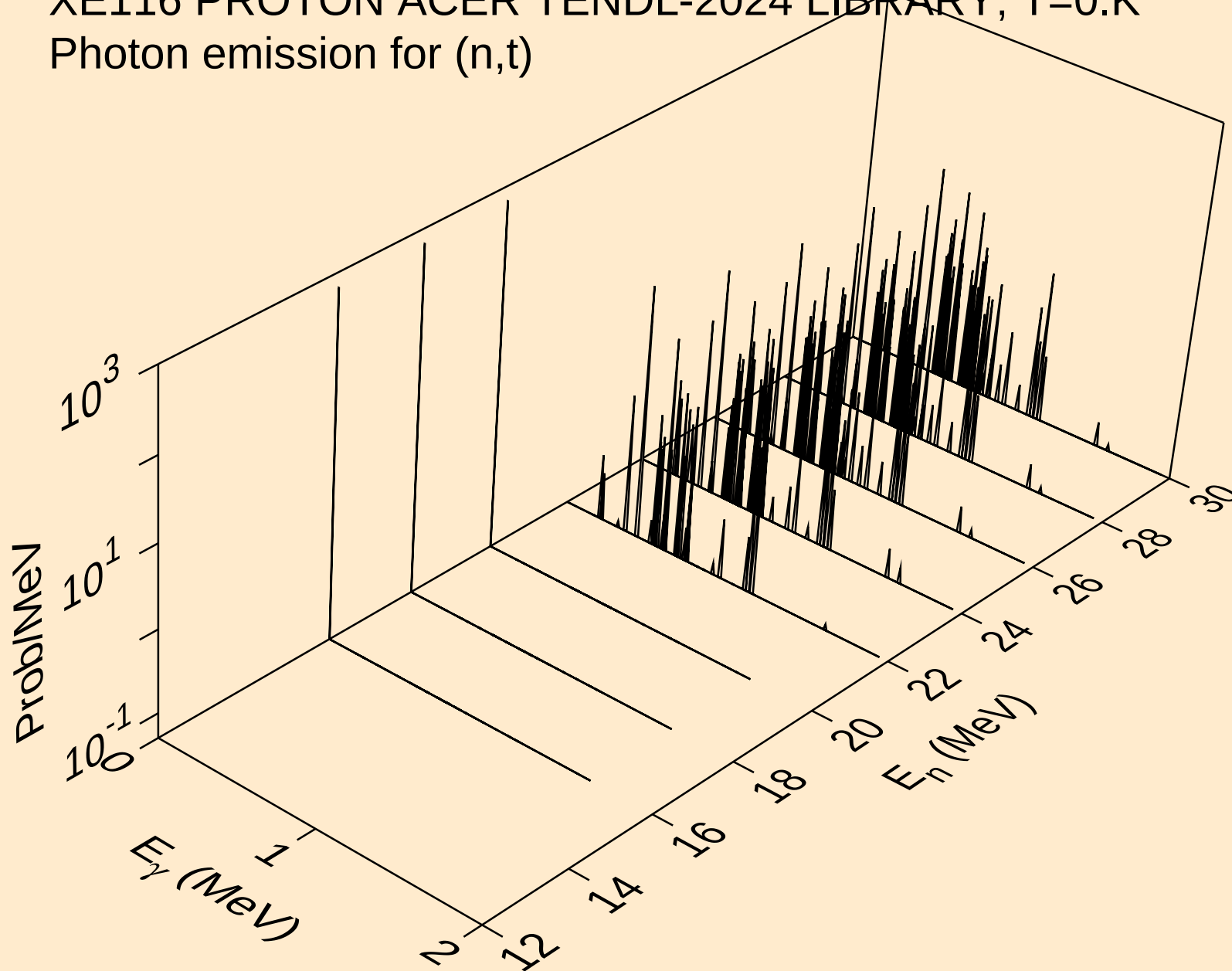
XE116 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic



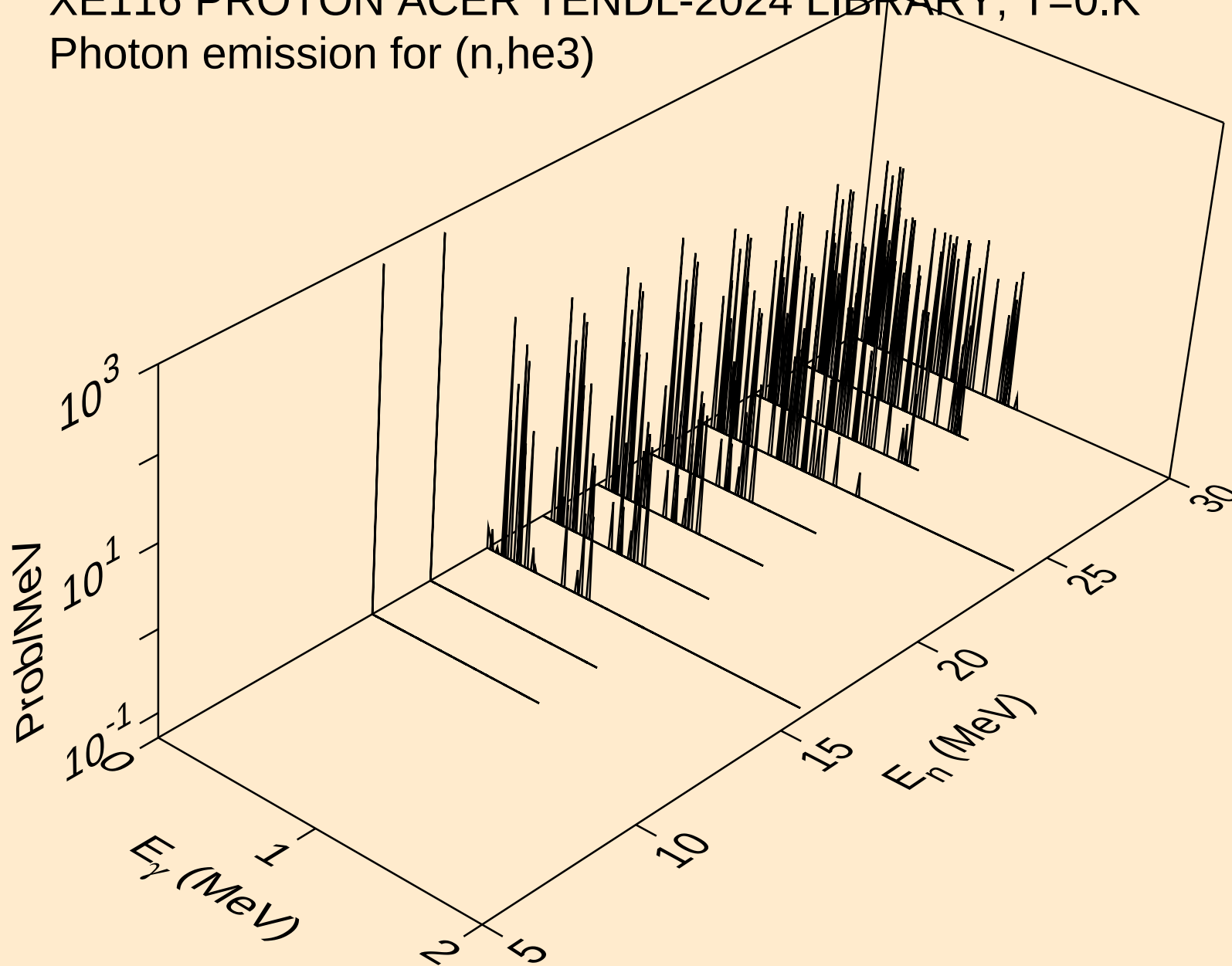
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Photon emission for (n,d)



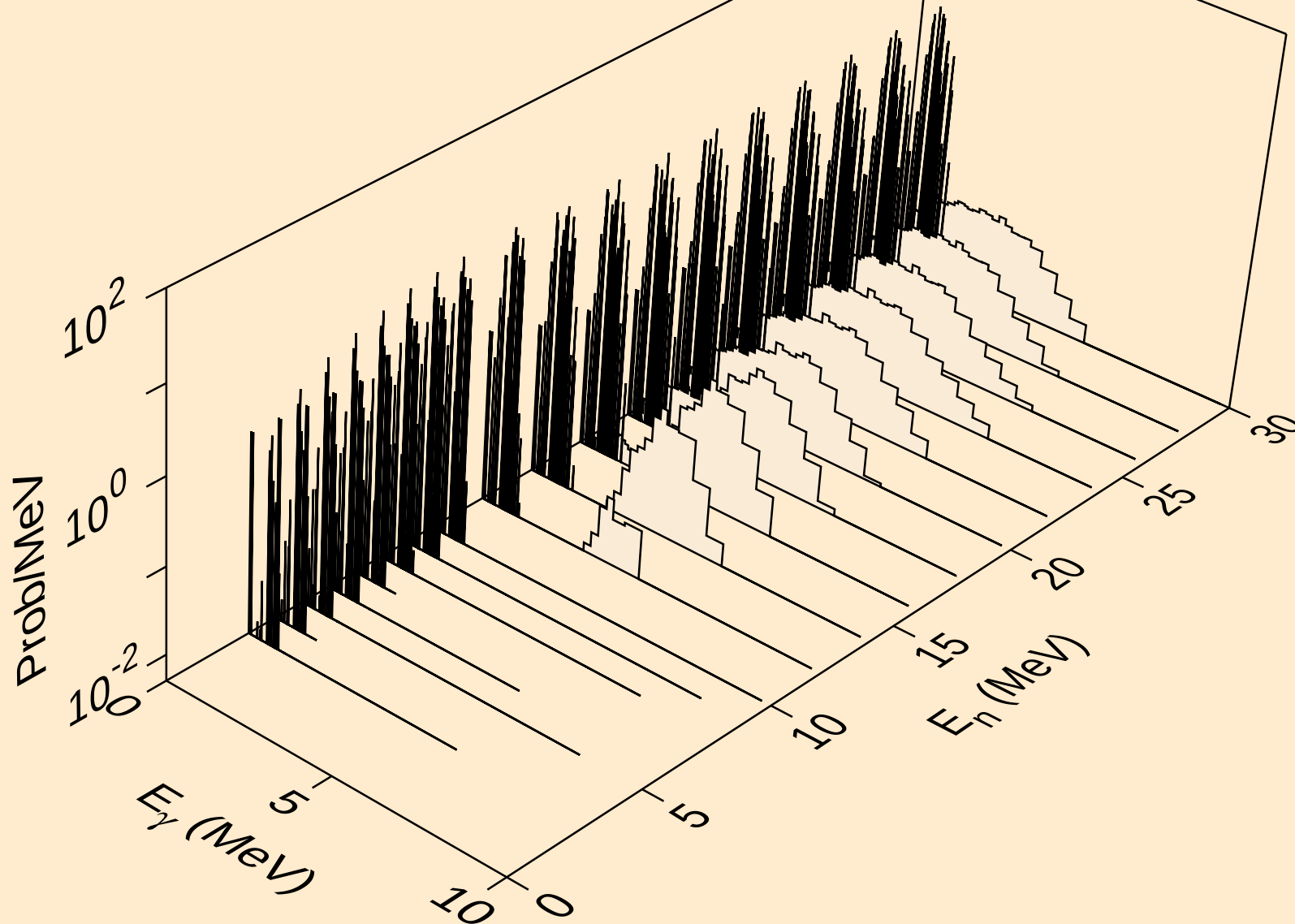
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Photon emission for (n,t)



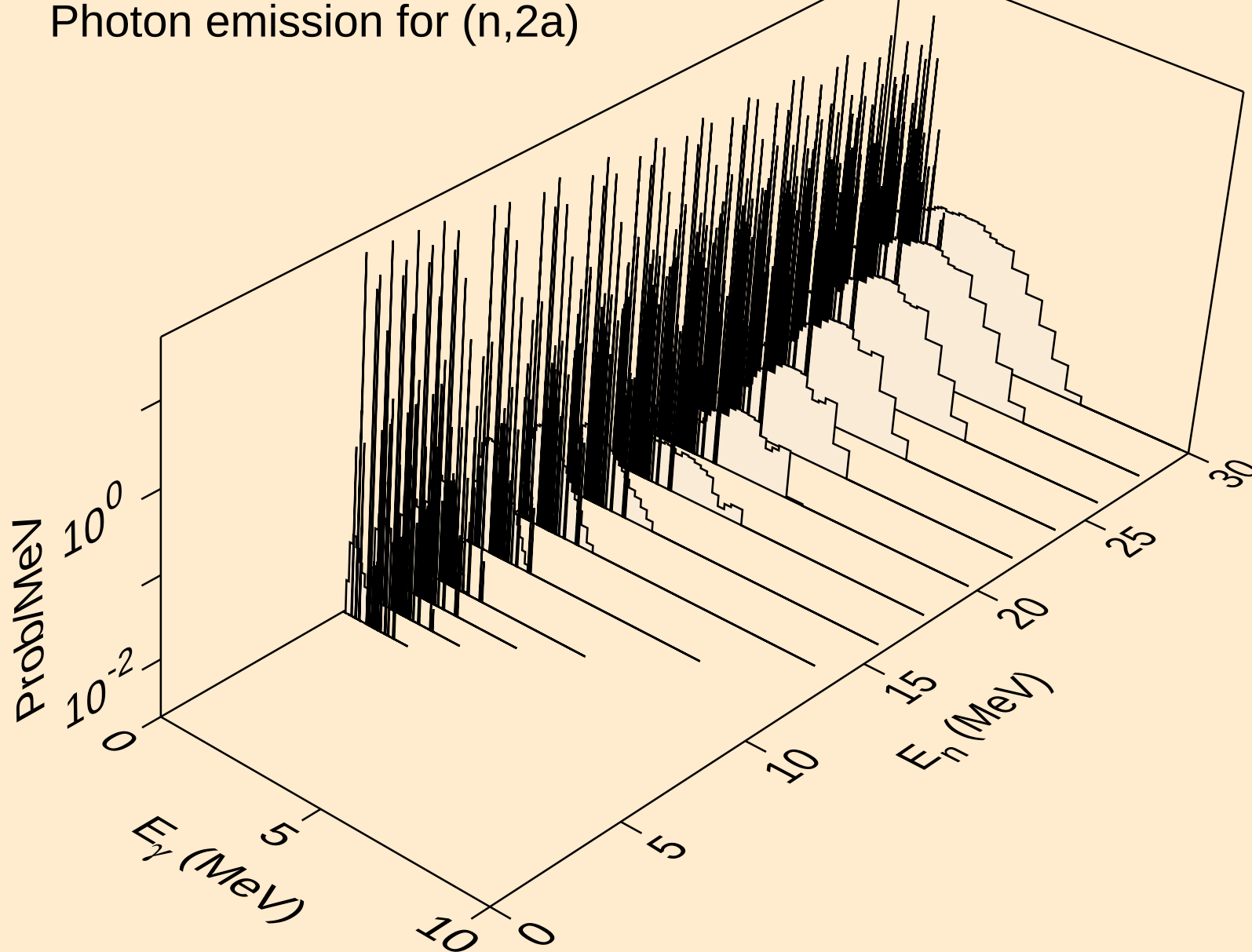
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Photon emission for (n,he3)



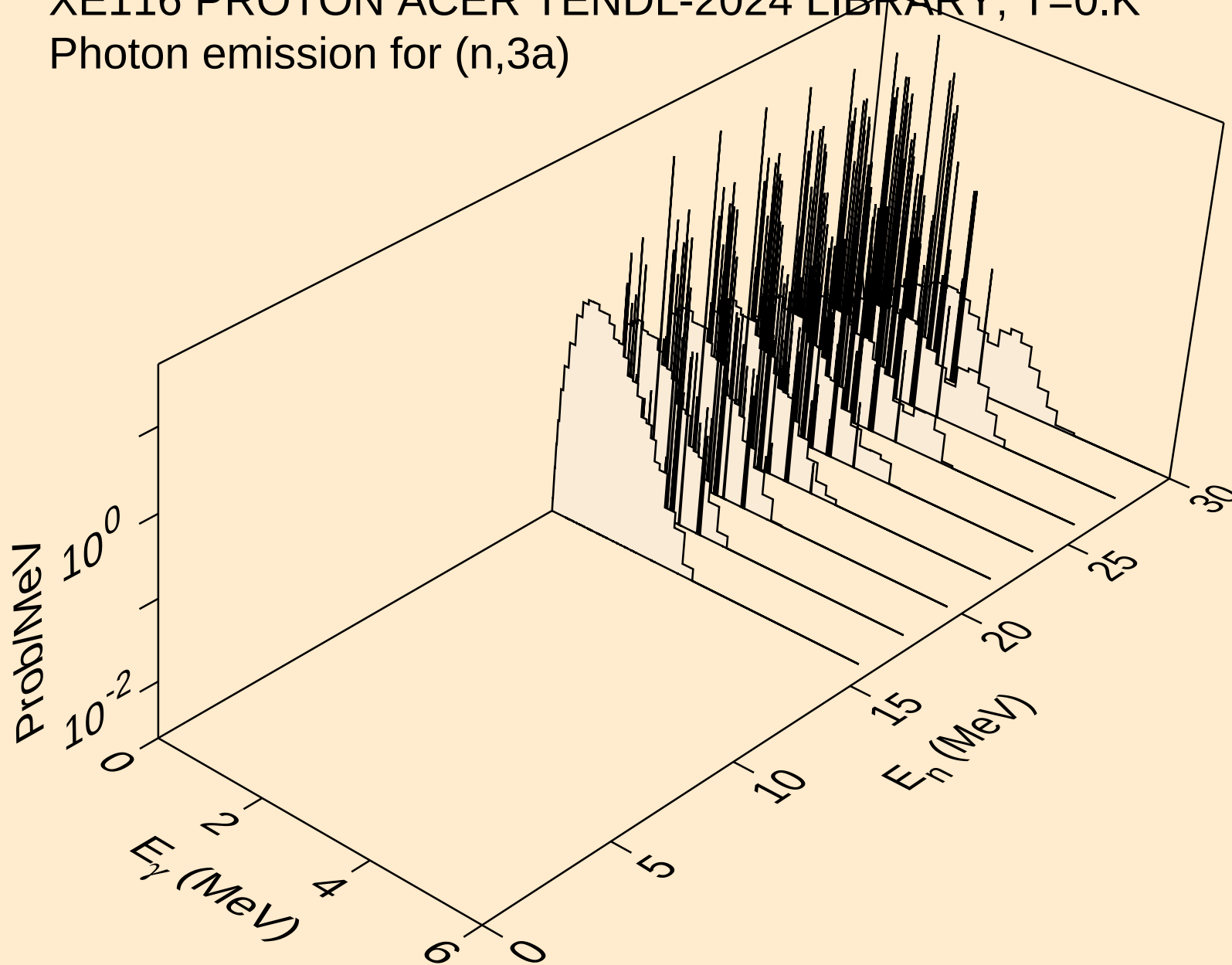
XE116 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (n,a)



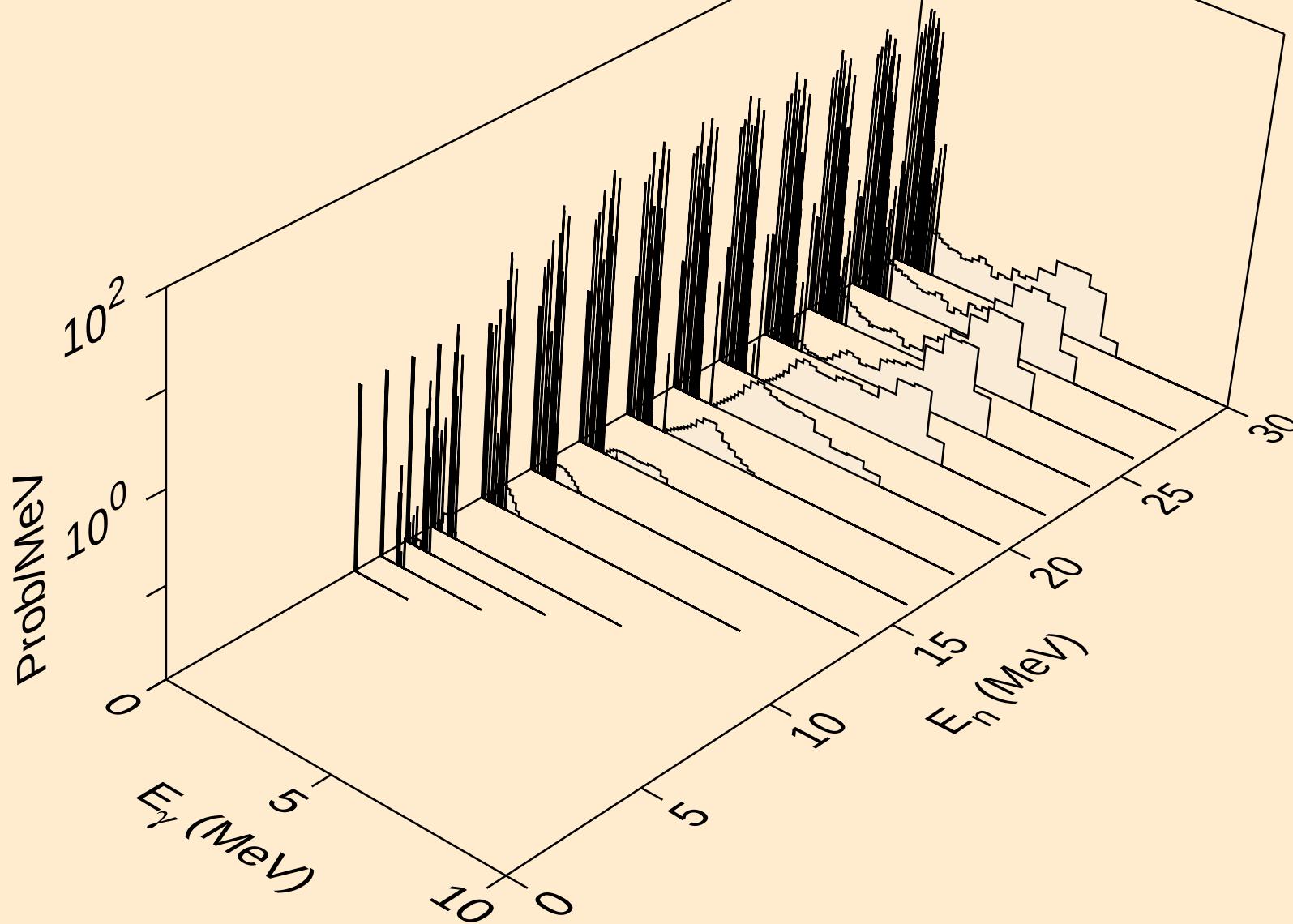
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Photon emission for (n,2a)



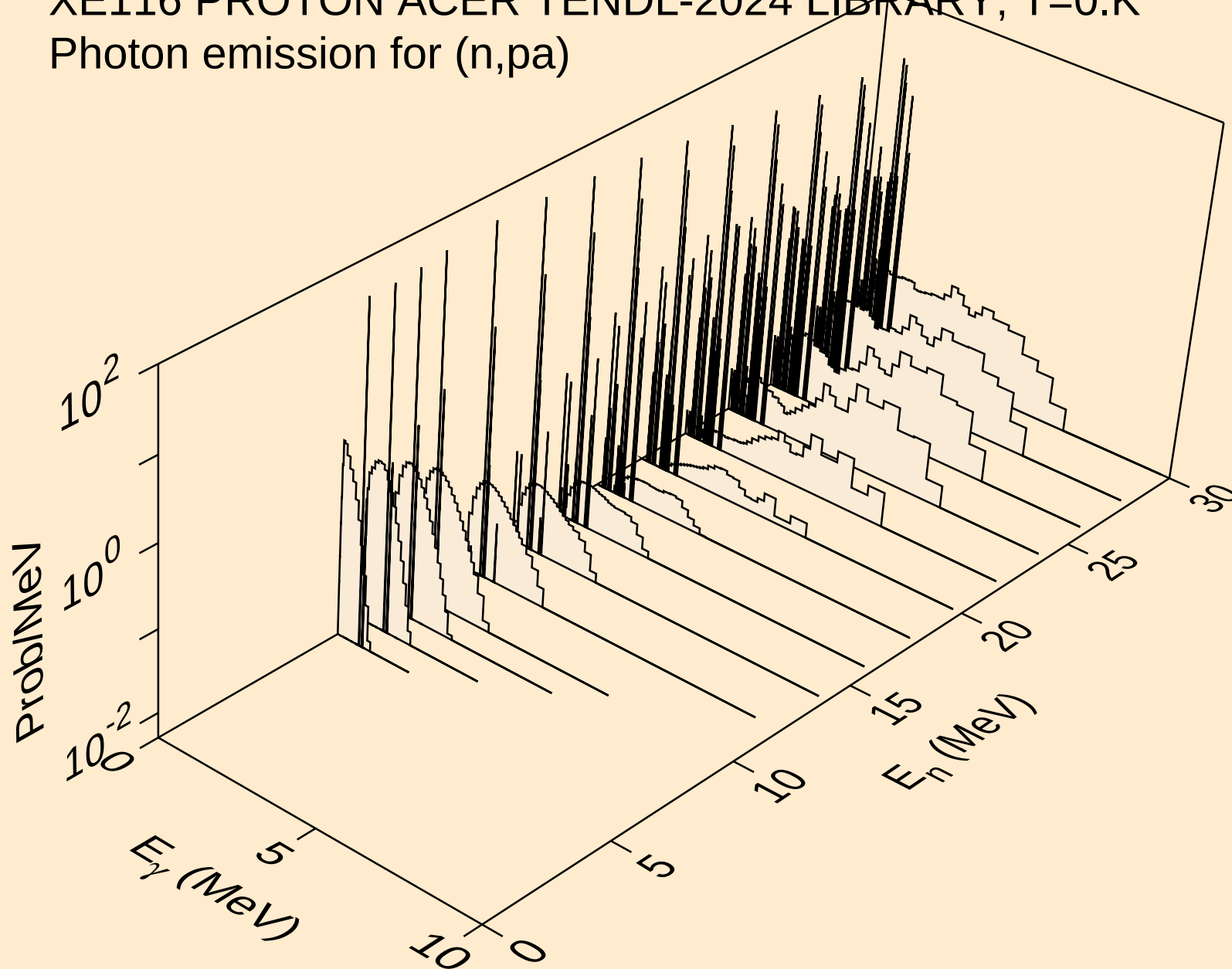
XE116 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (n,3a)



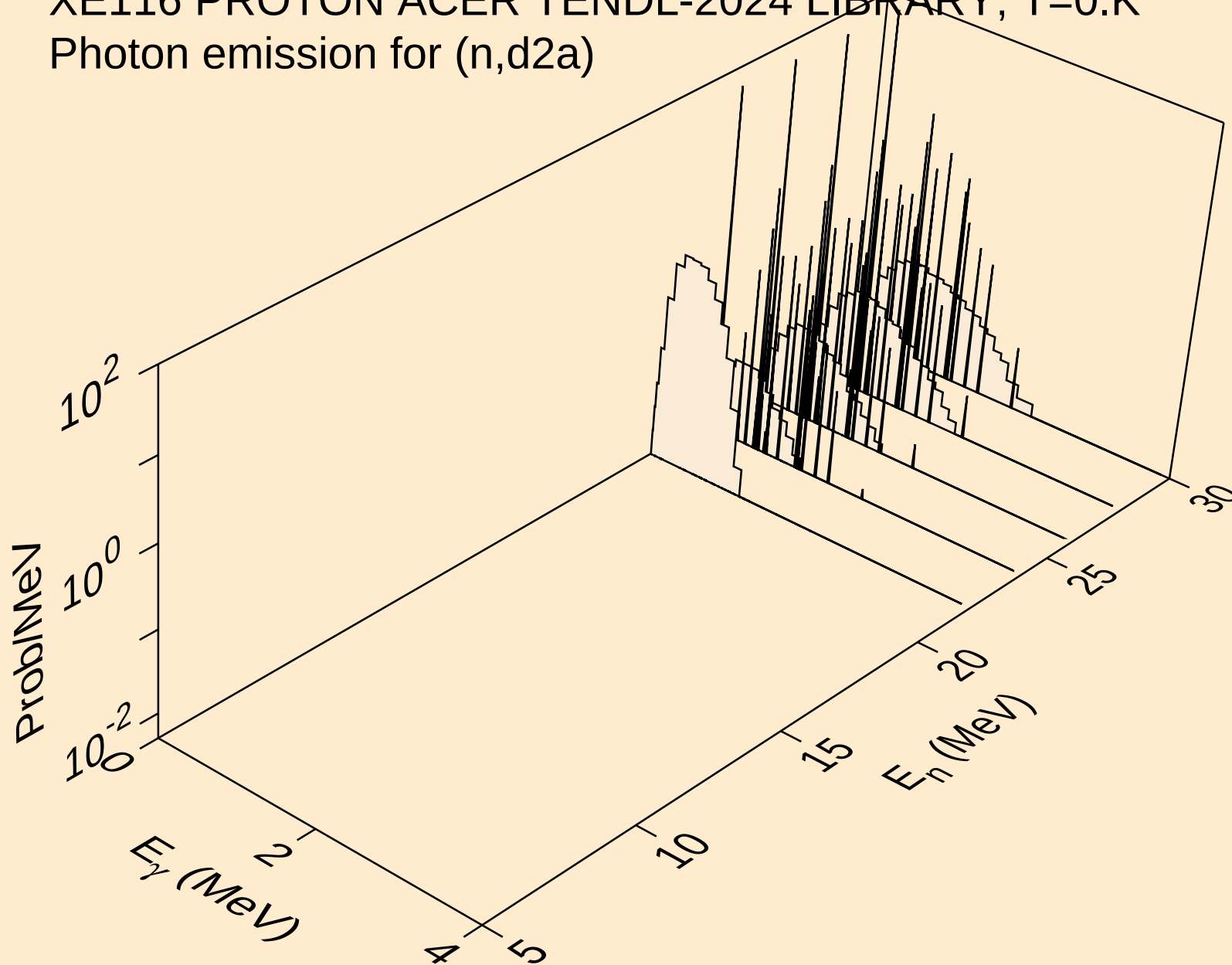
XE116 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (n,2p)



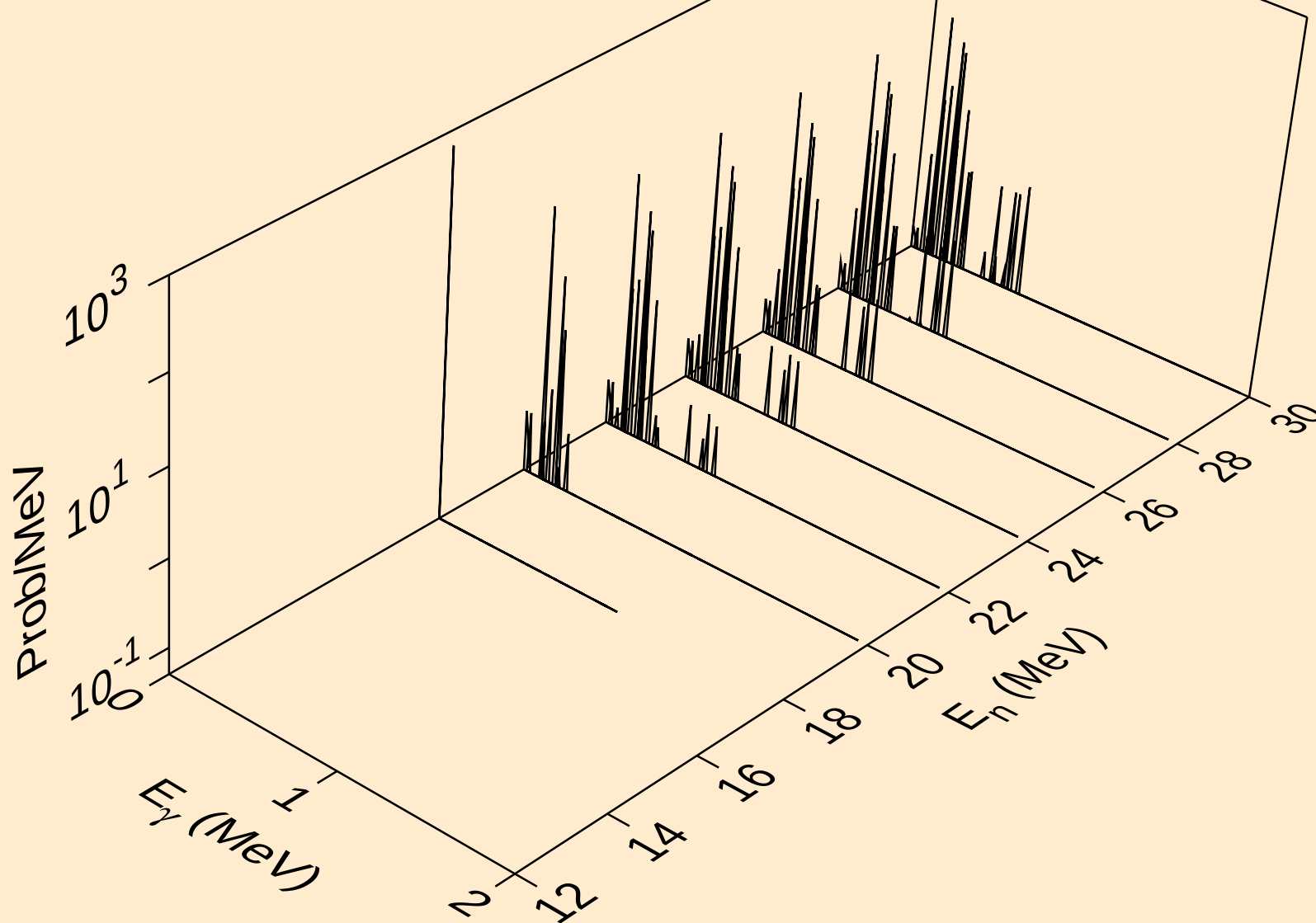
XE116 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (n,p $\alpha$ )



XE116 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d2a)

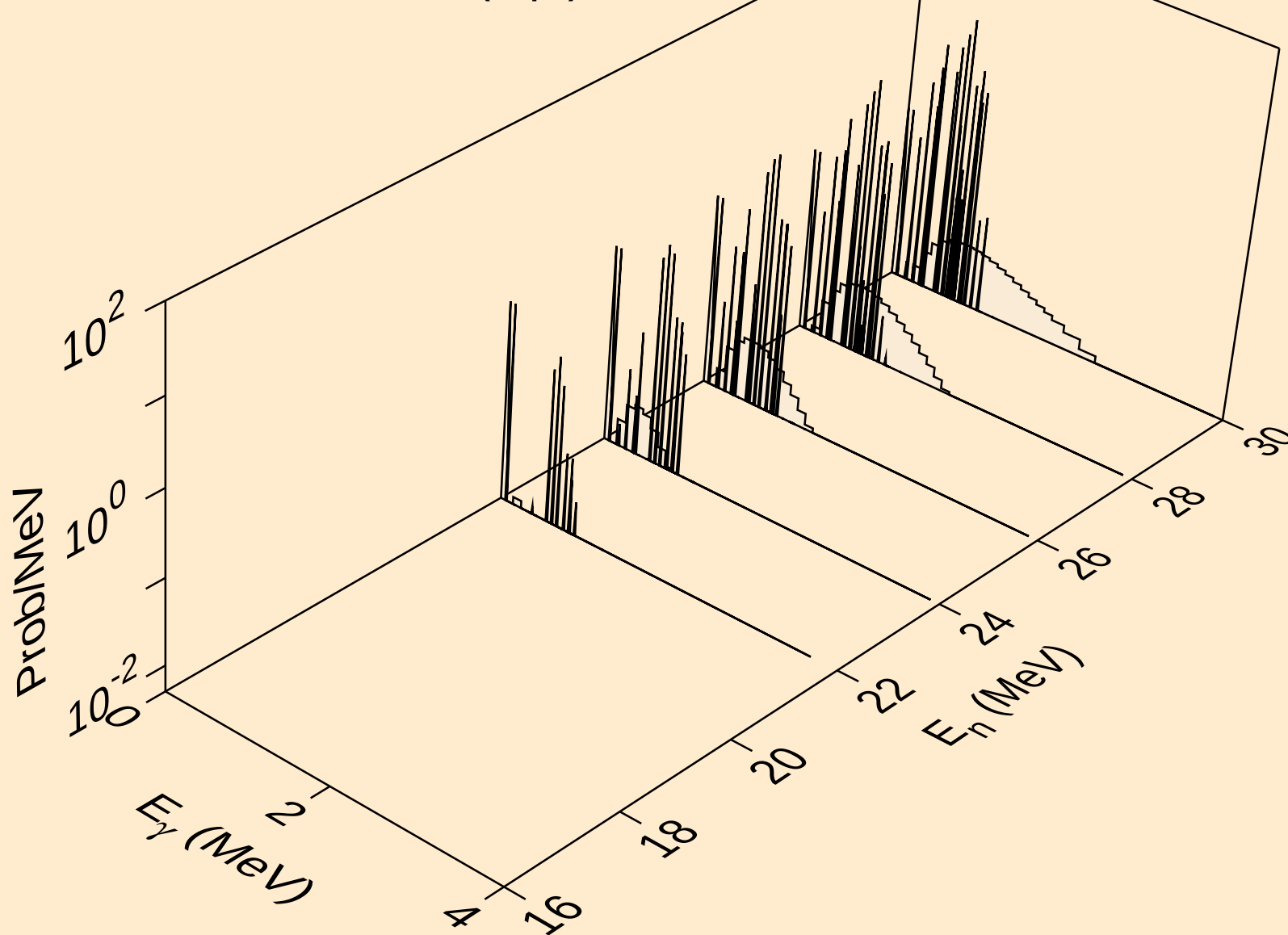


XE116 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (n,pd)

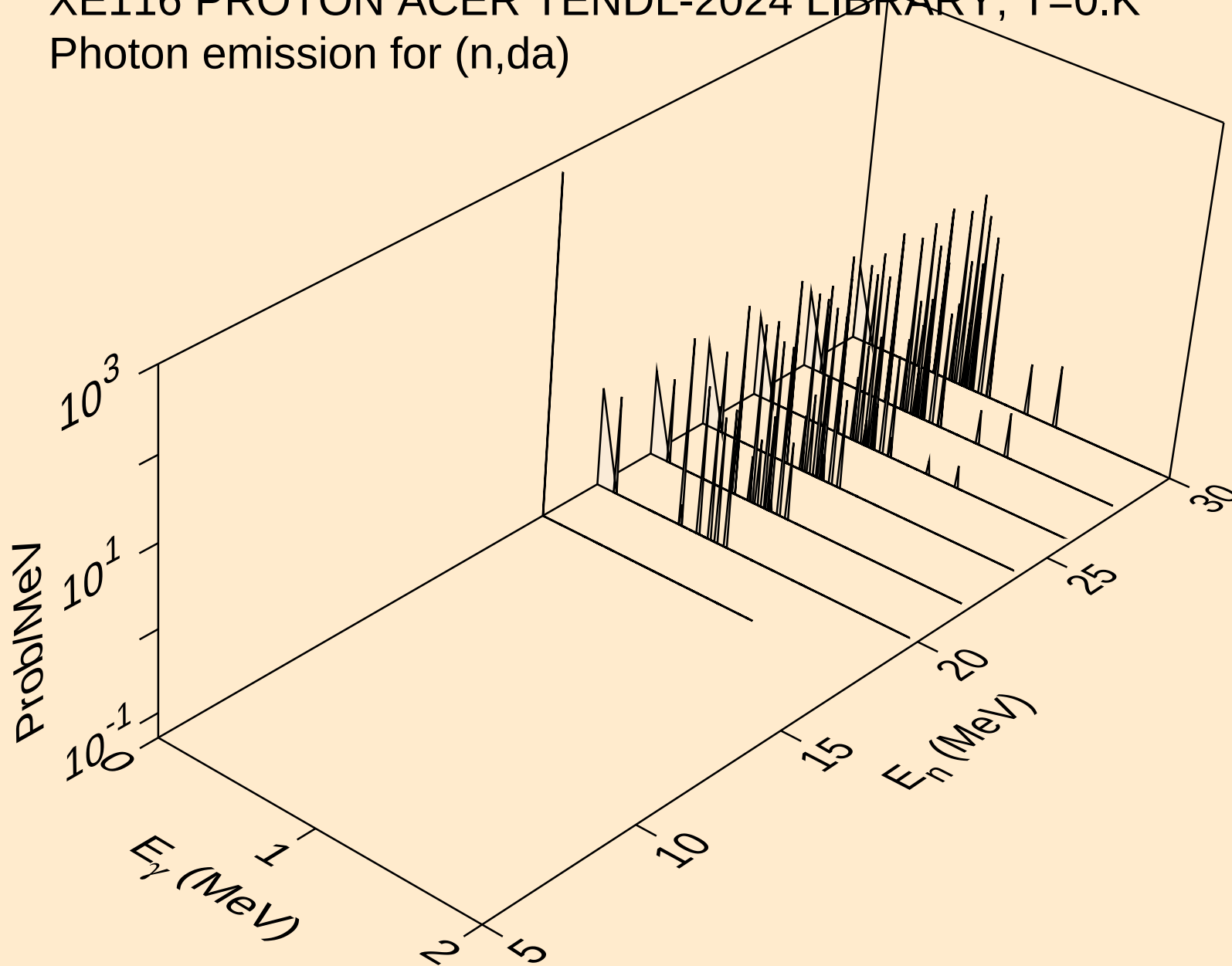


XE116 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,pt)

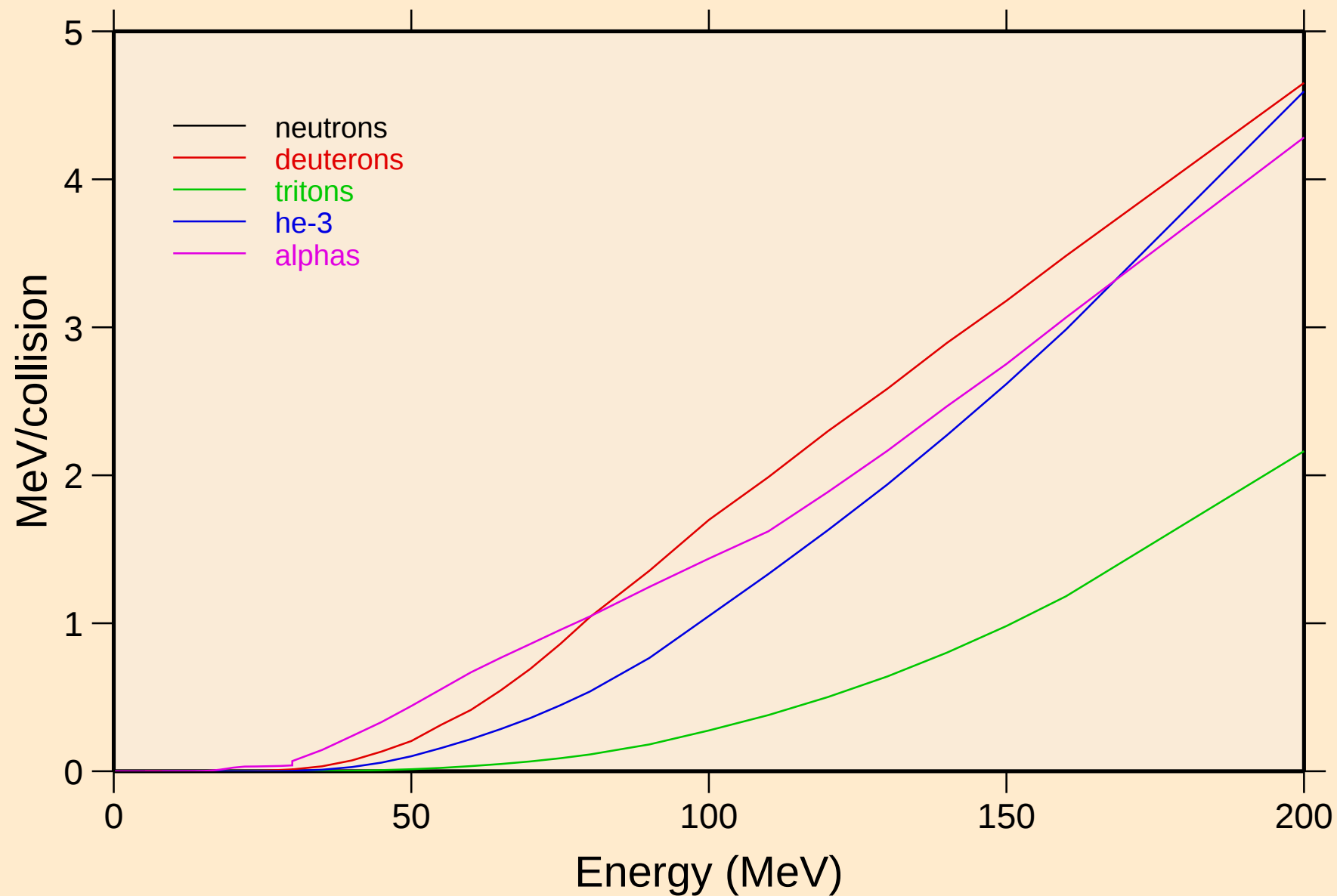


XE116 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



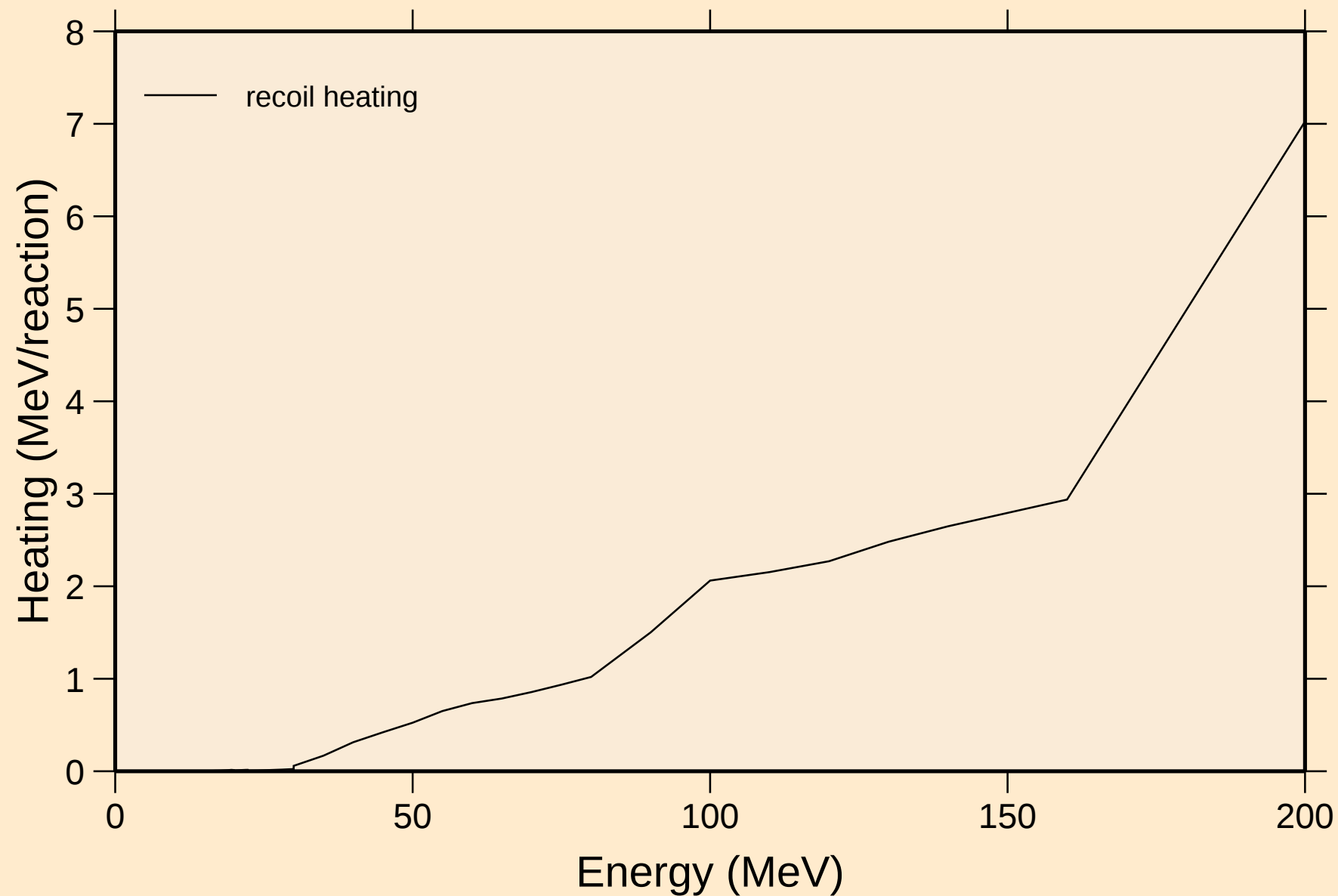
# XE116 PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions



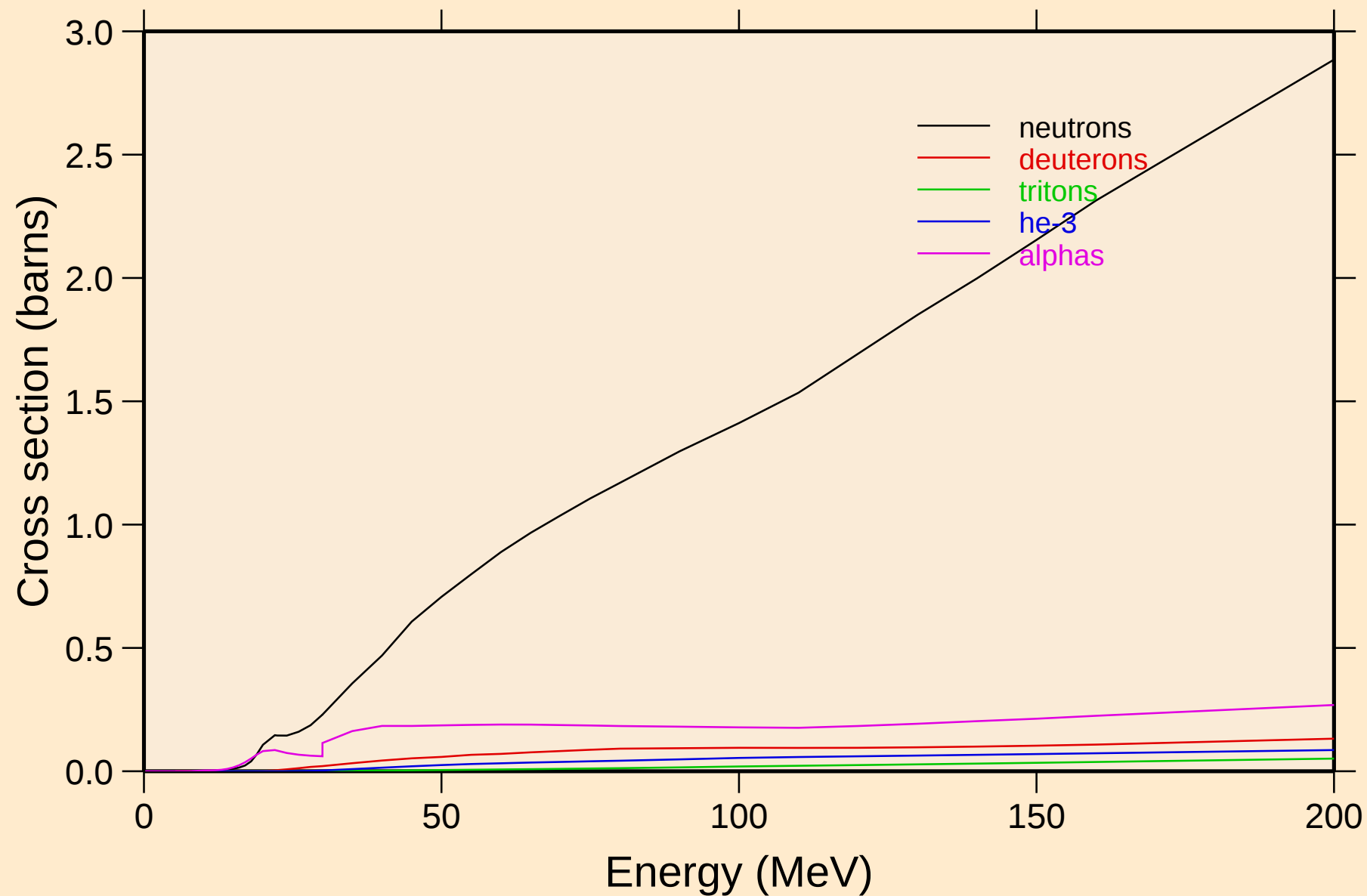
# XE116 PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Recoil Heating

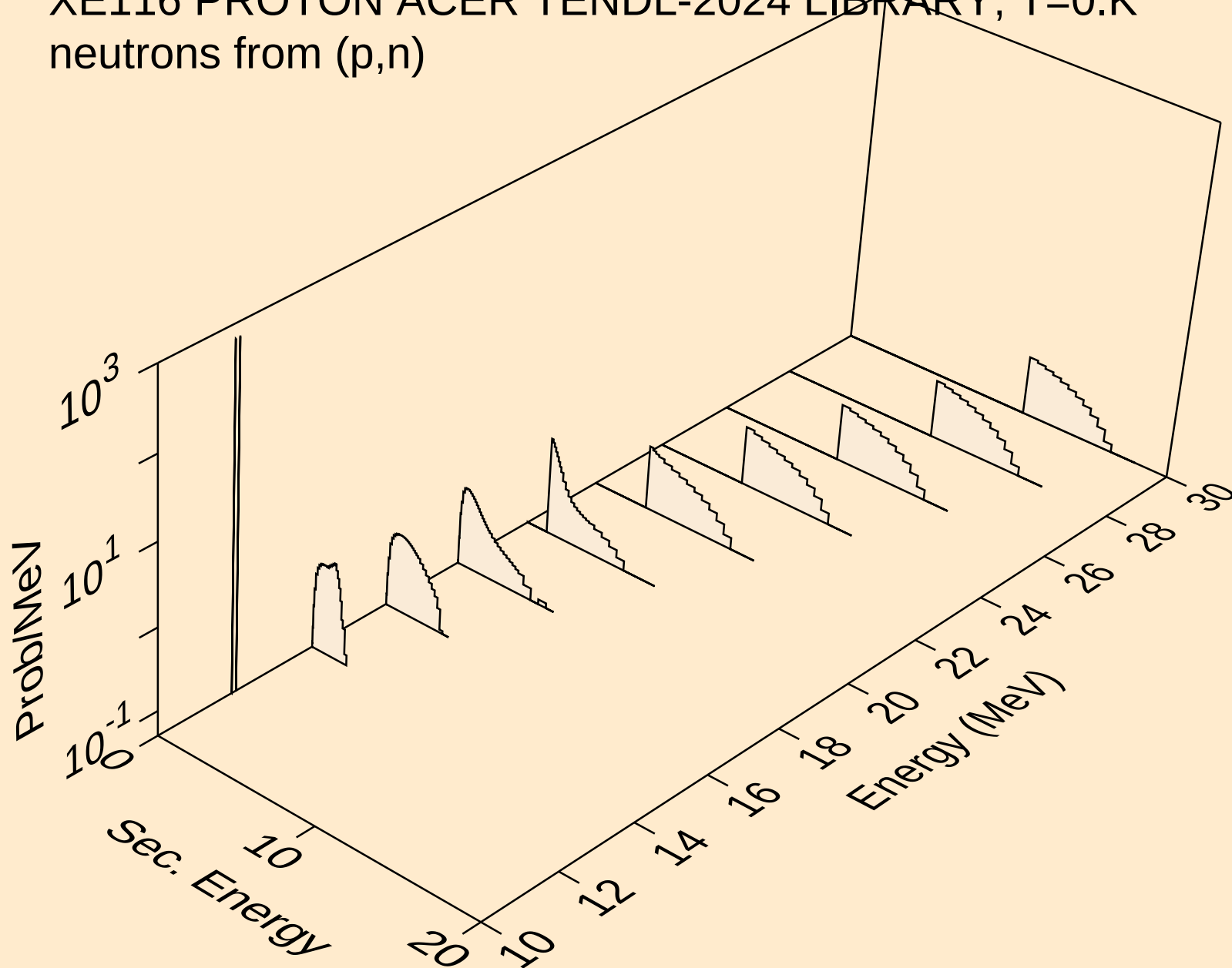


# XE116 PROTON ACER TENDL-2024 LIBRARY; T=0.K

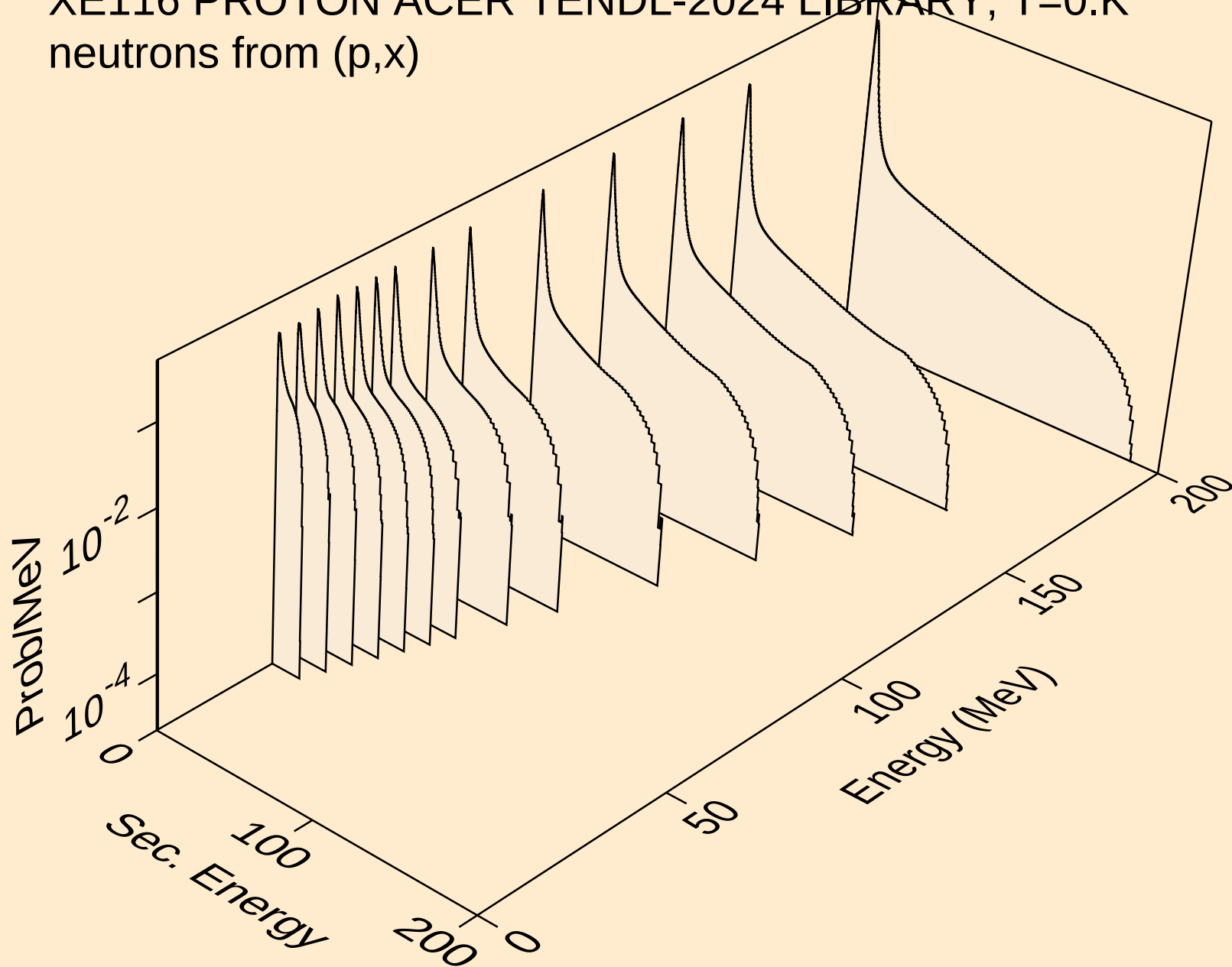
## Particle production cross sections



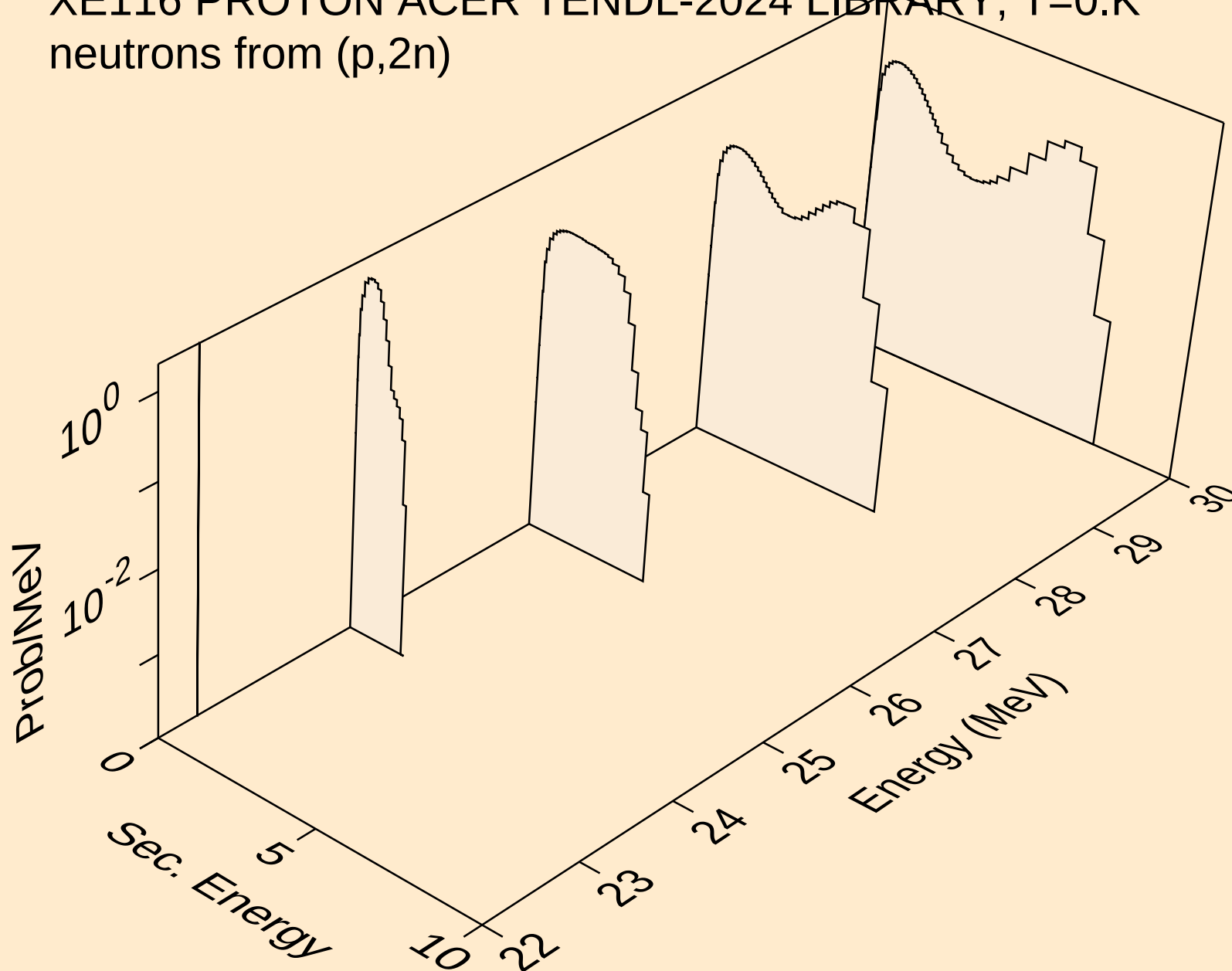
XE116 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n)



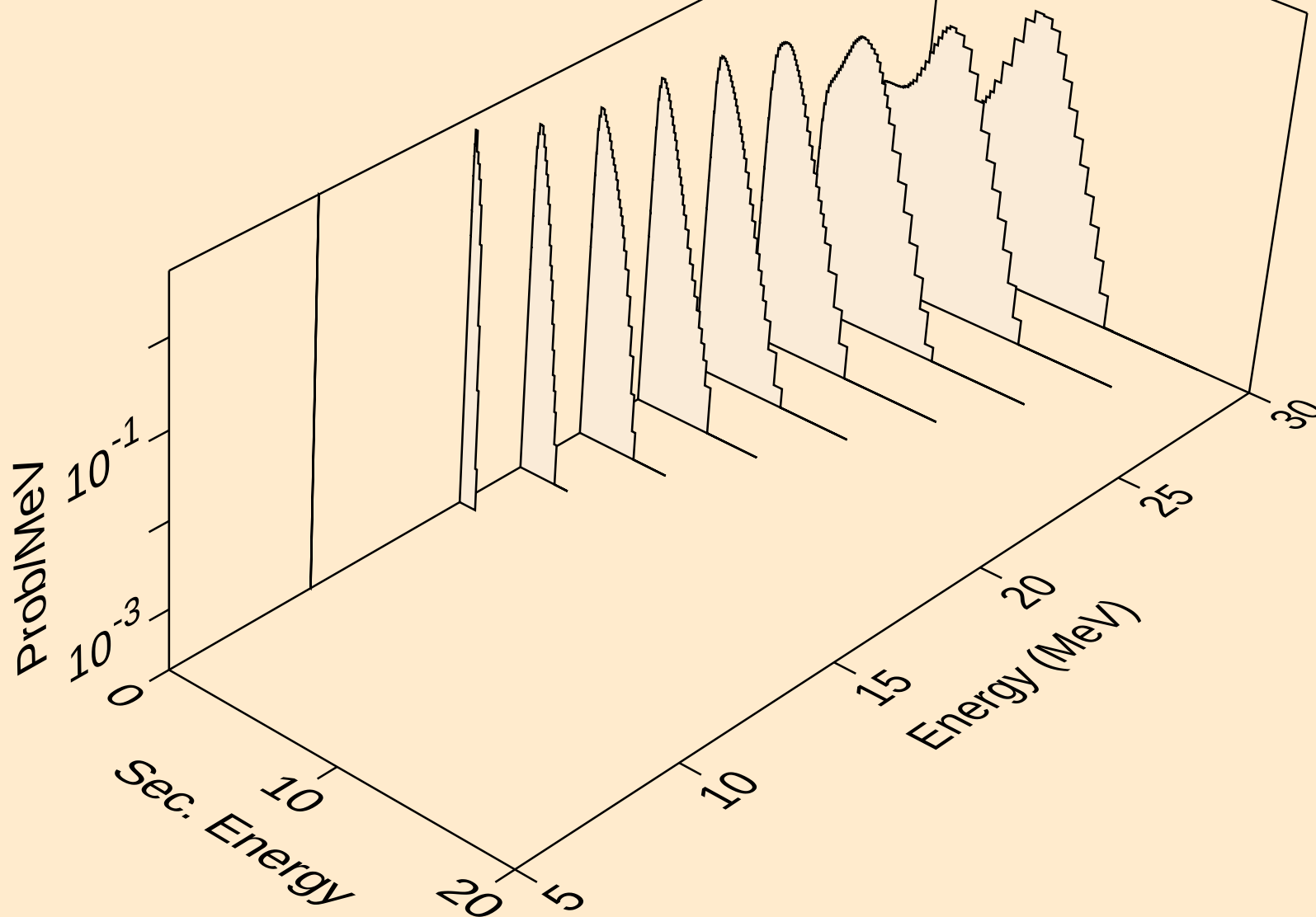
XE116 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,x)



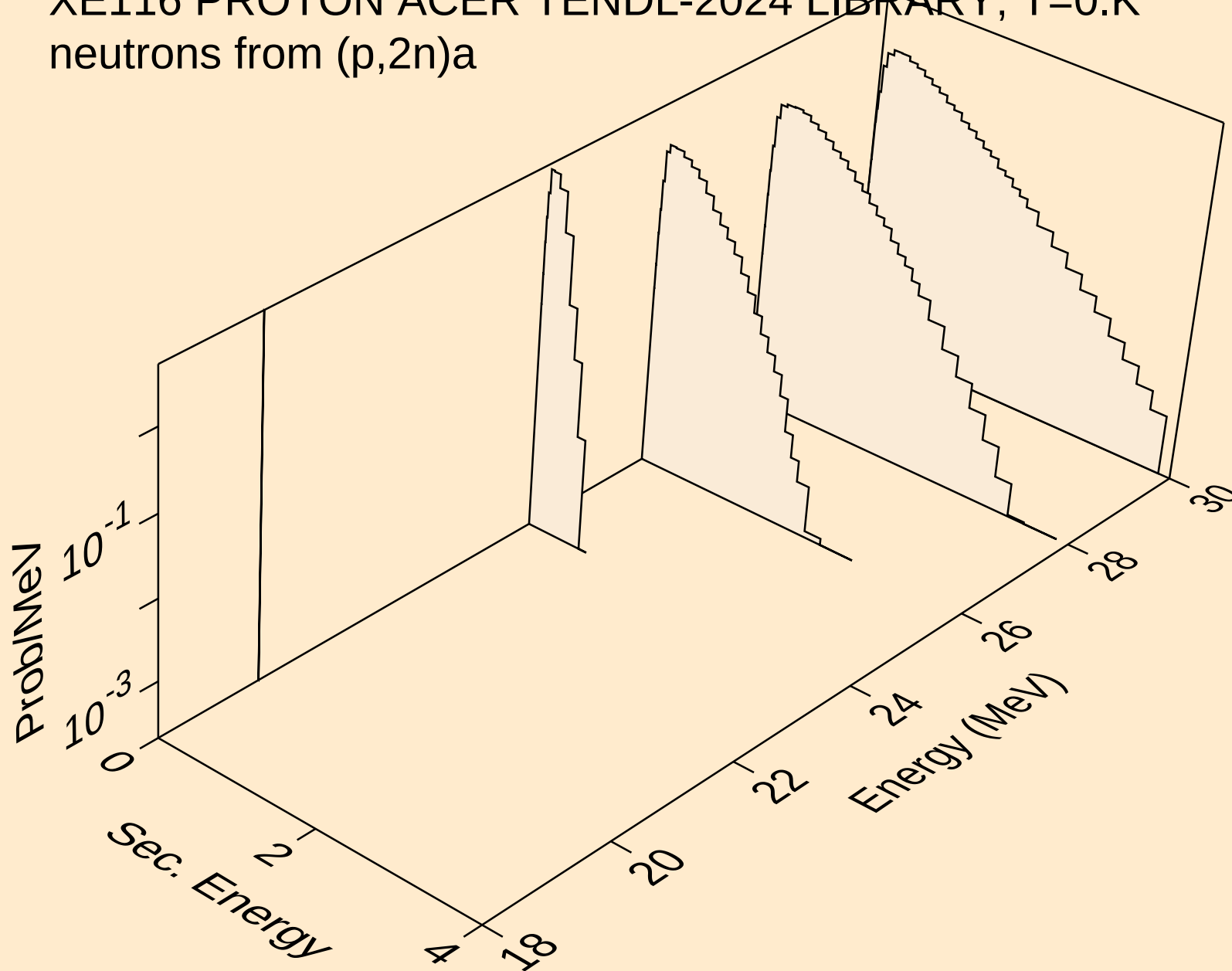
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neutrons from (p,2n)



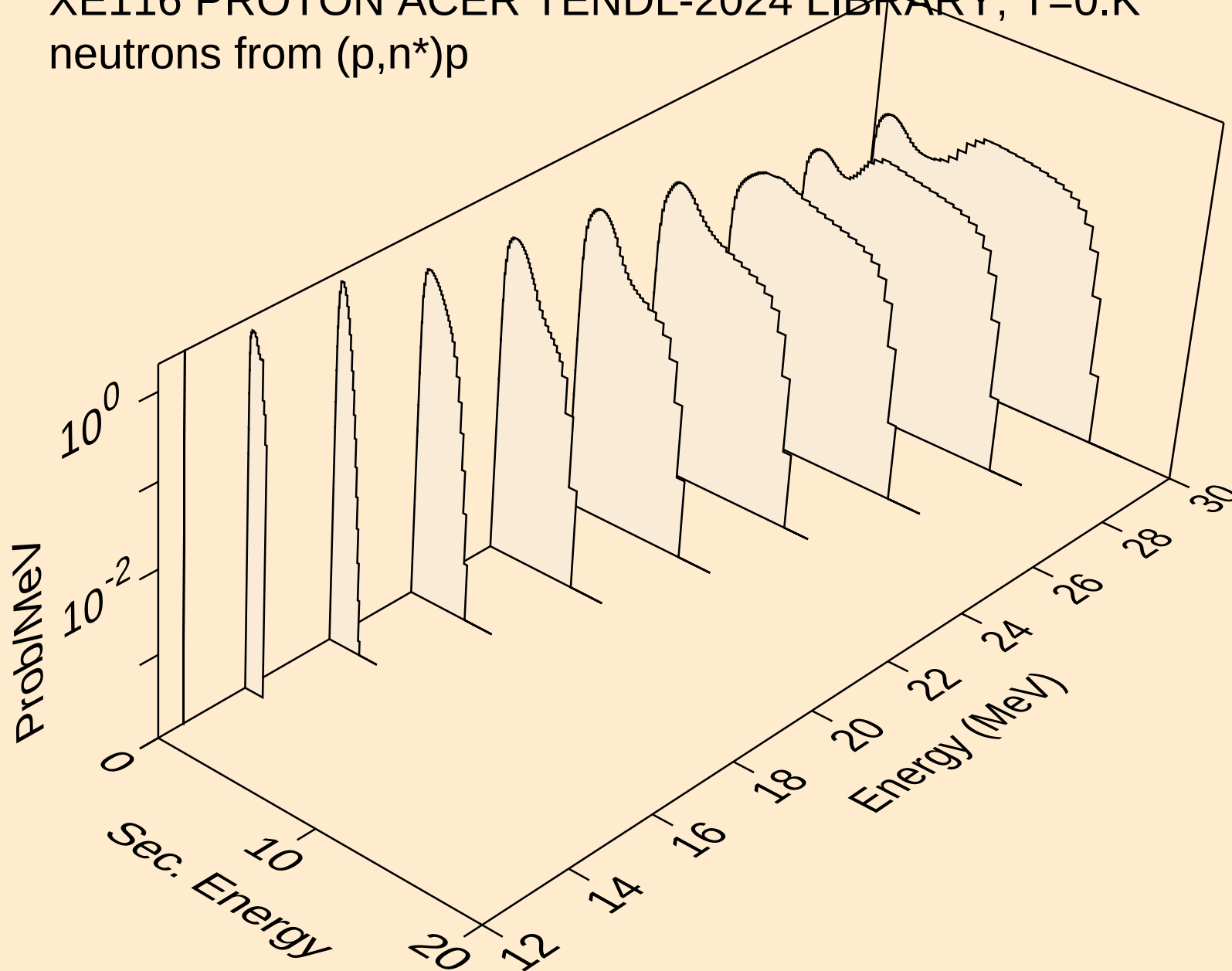
XE116 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)a



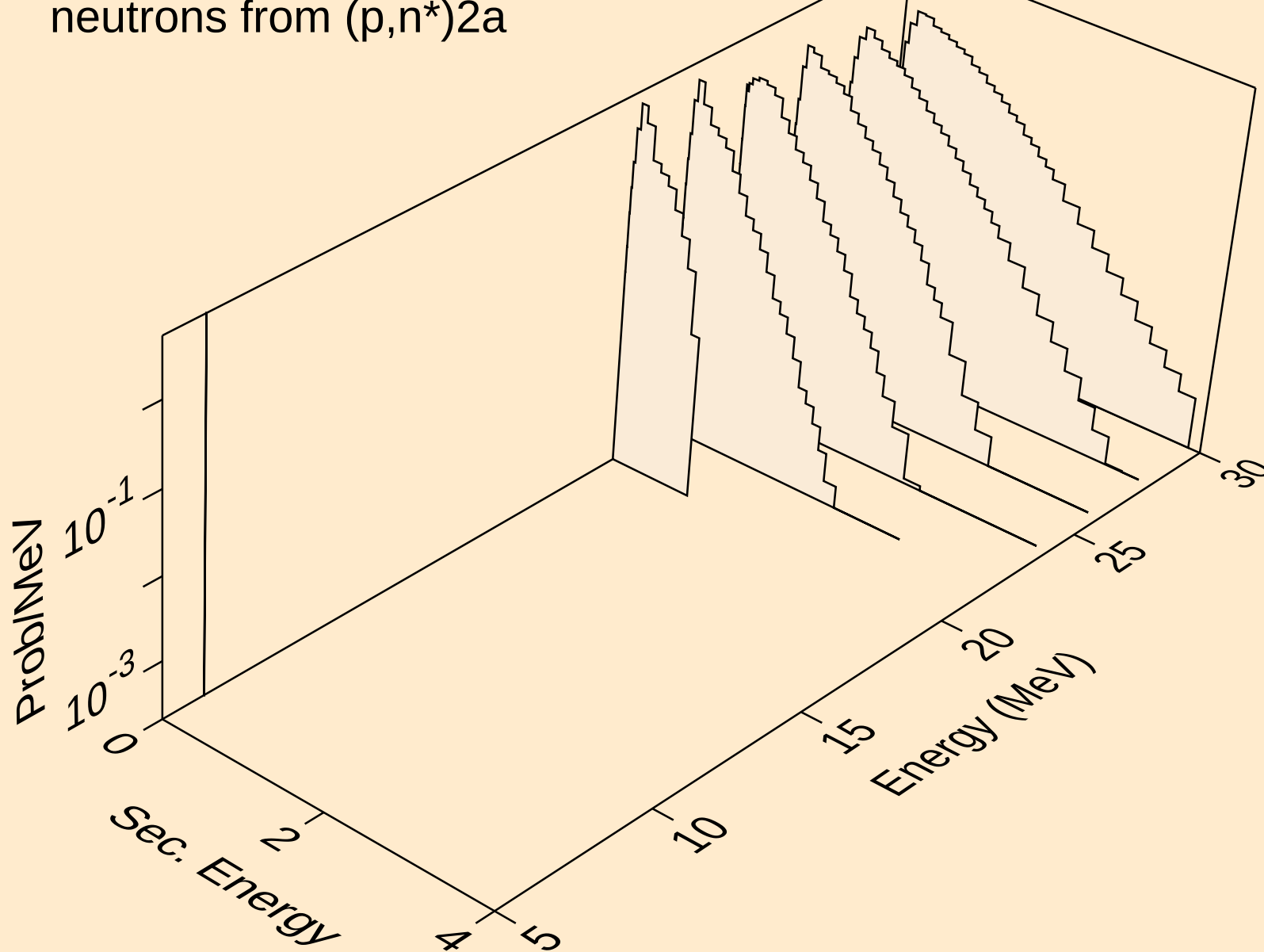
XE116 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,2n)a



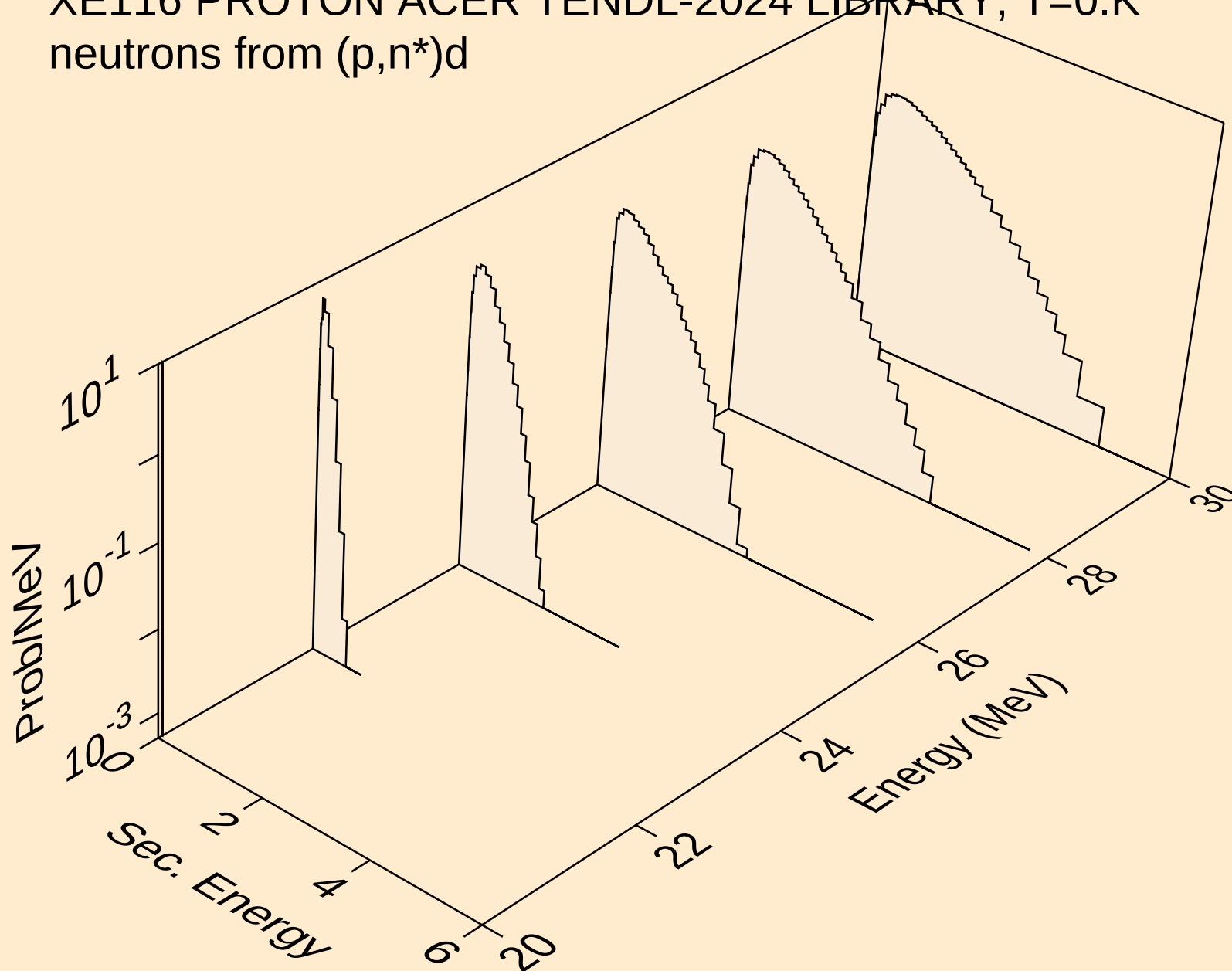
XE116 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
neutrons from  $(p,n^*)p$



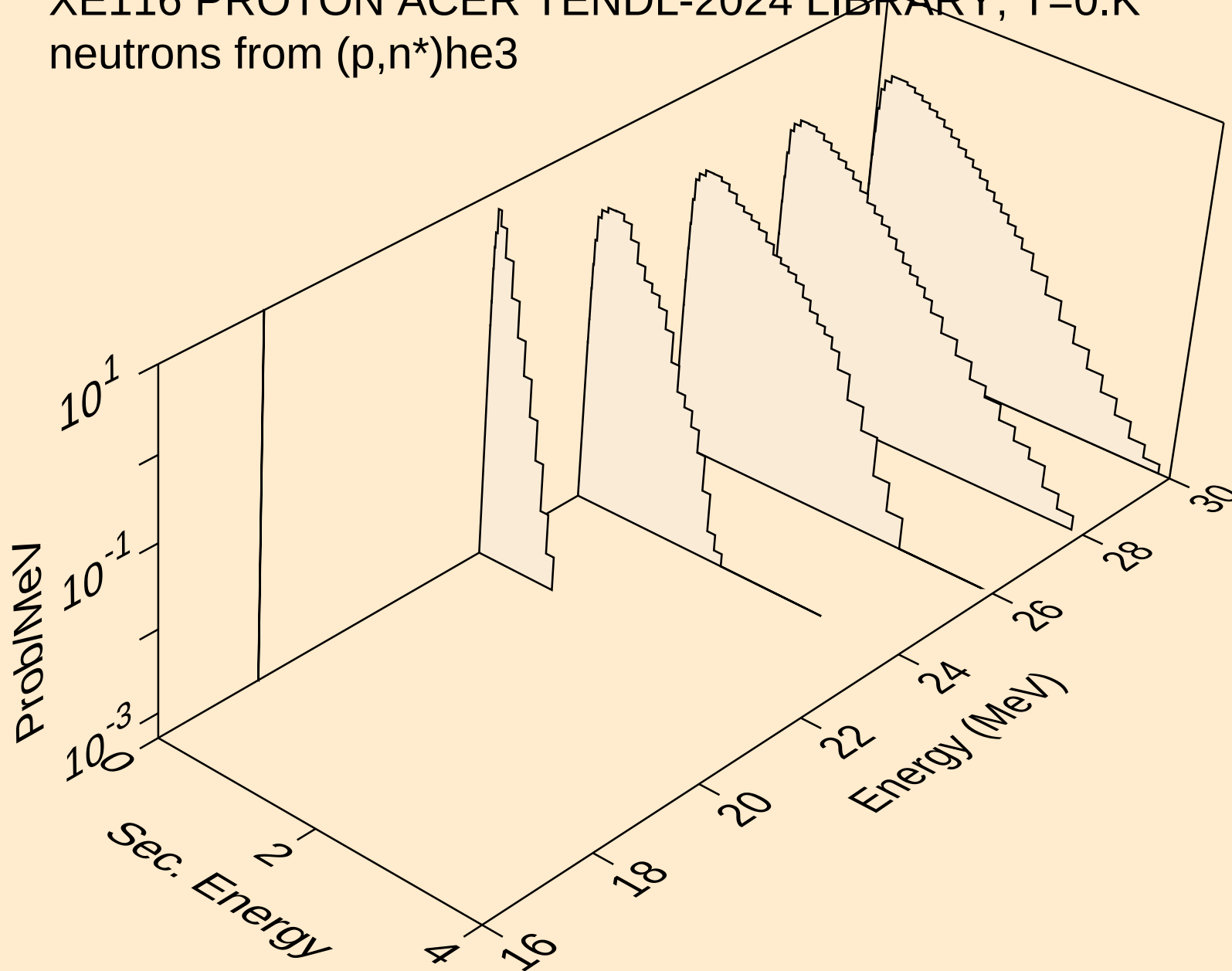
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neutrons from (p,n\*)2a



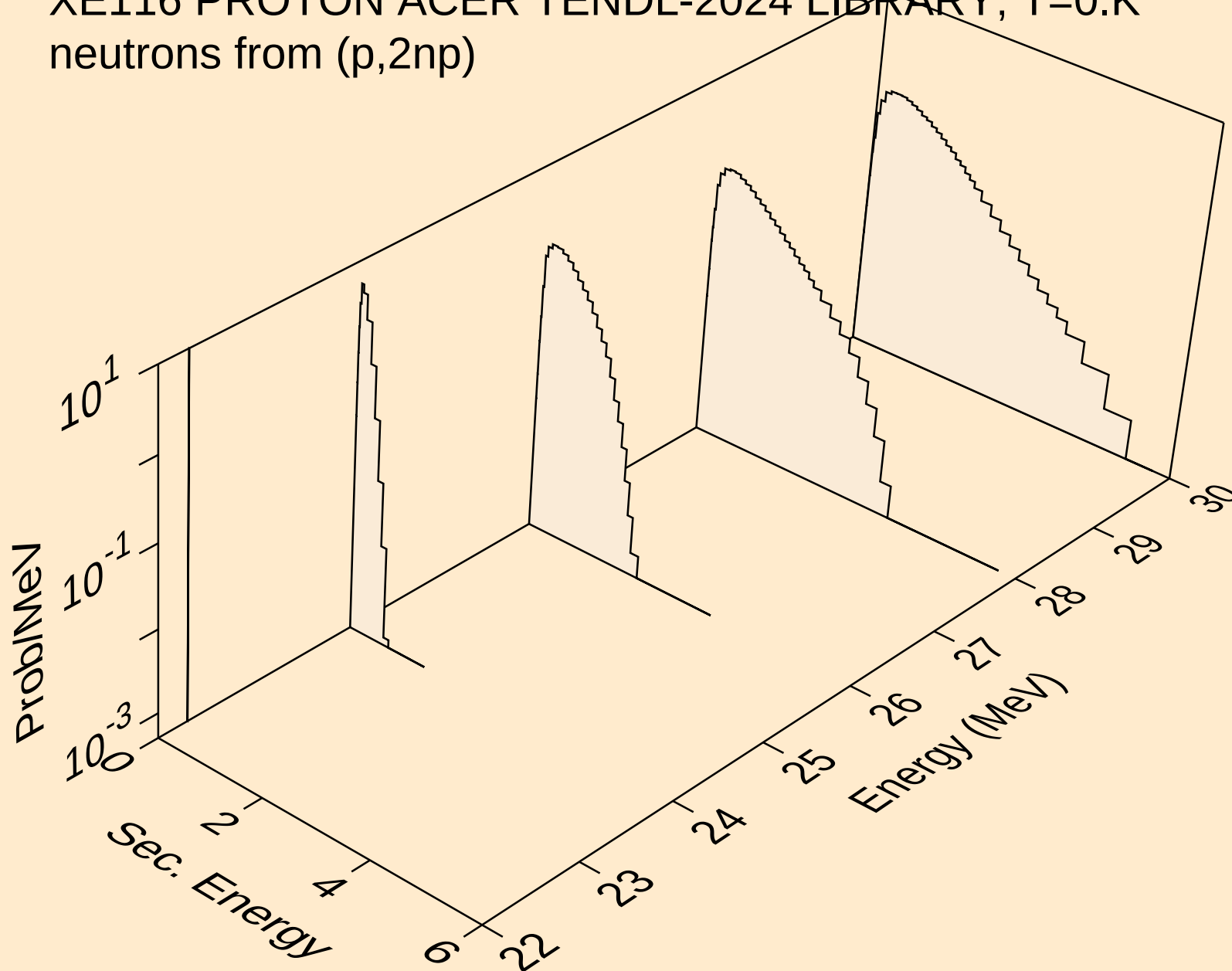
XE116 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
neutrons from  $(p,n^*)d$



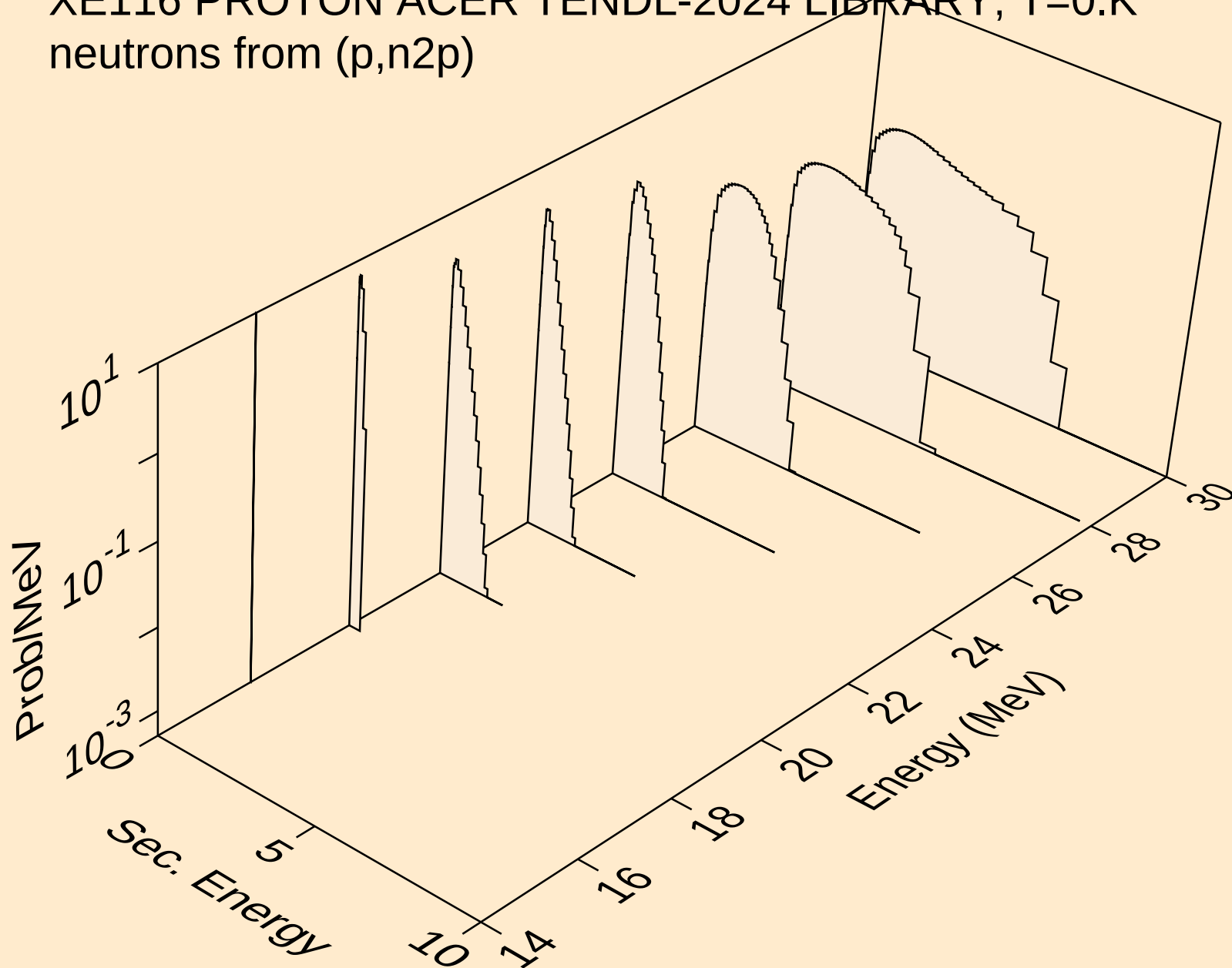
XE116 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



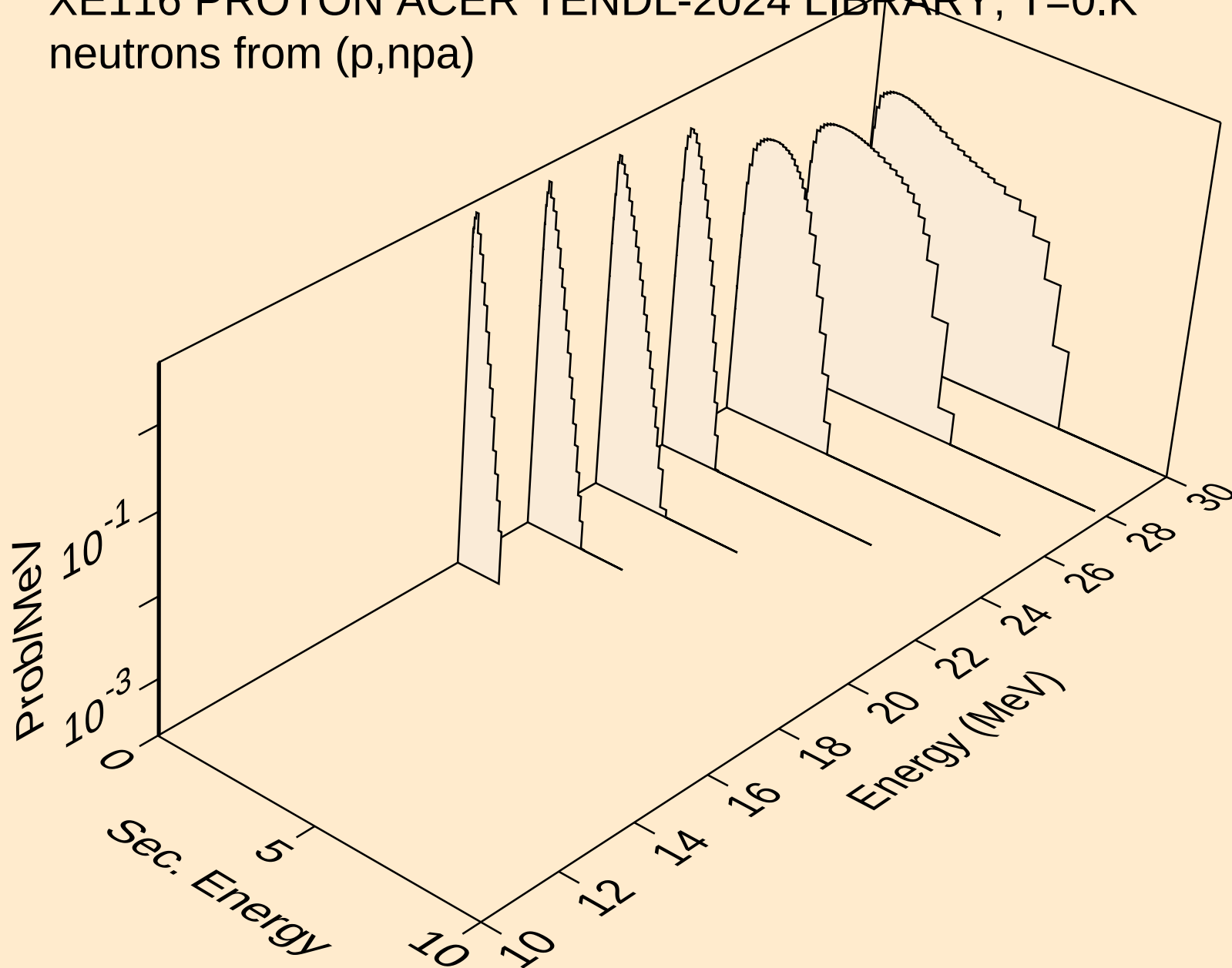
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neutrons from (p,2np)



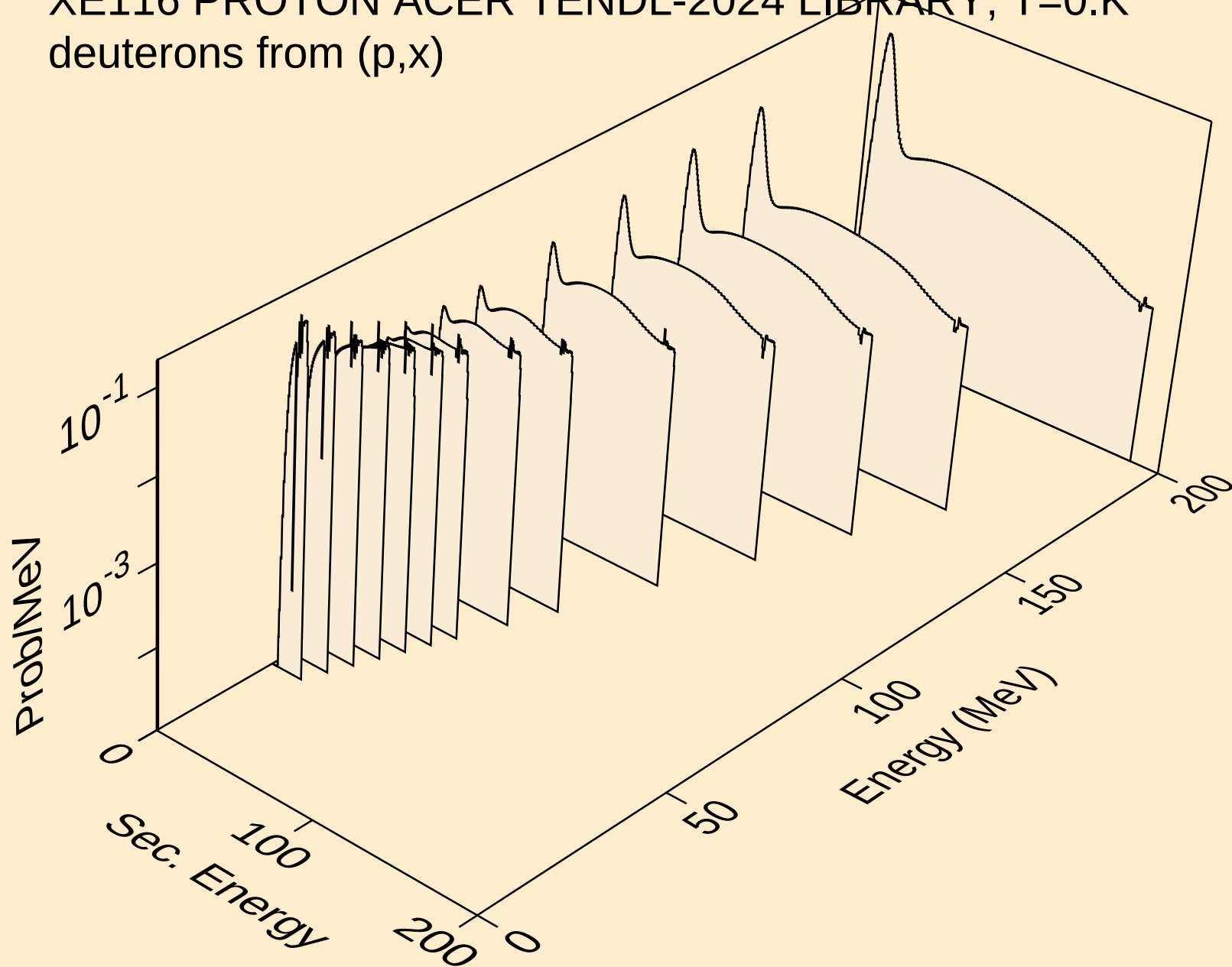
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neutrons from (p,n2p)



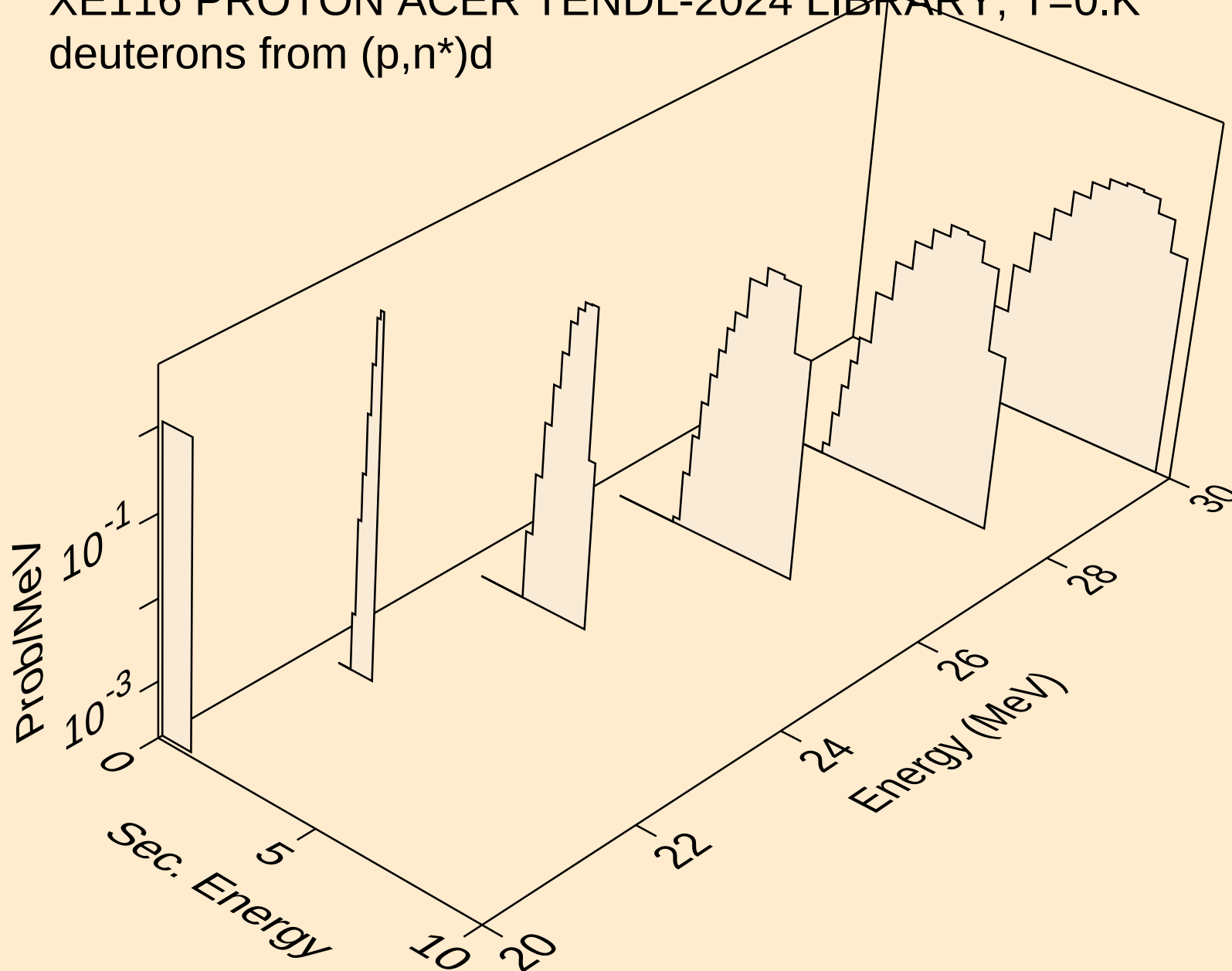
XE116 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,npa)



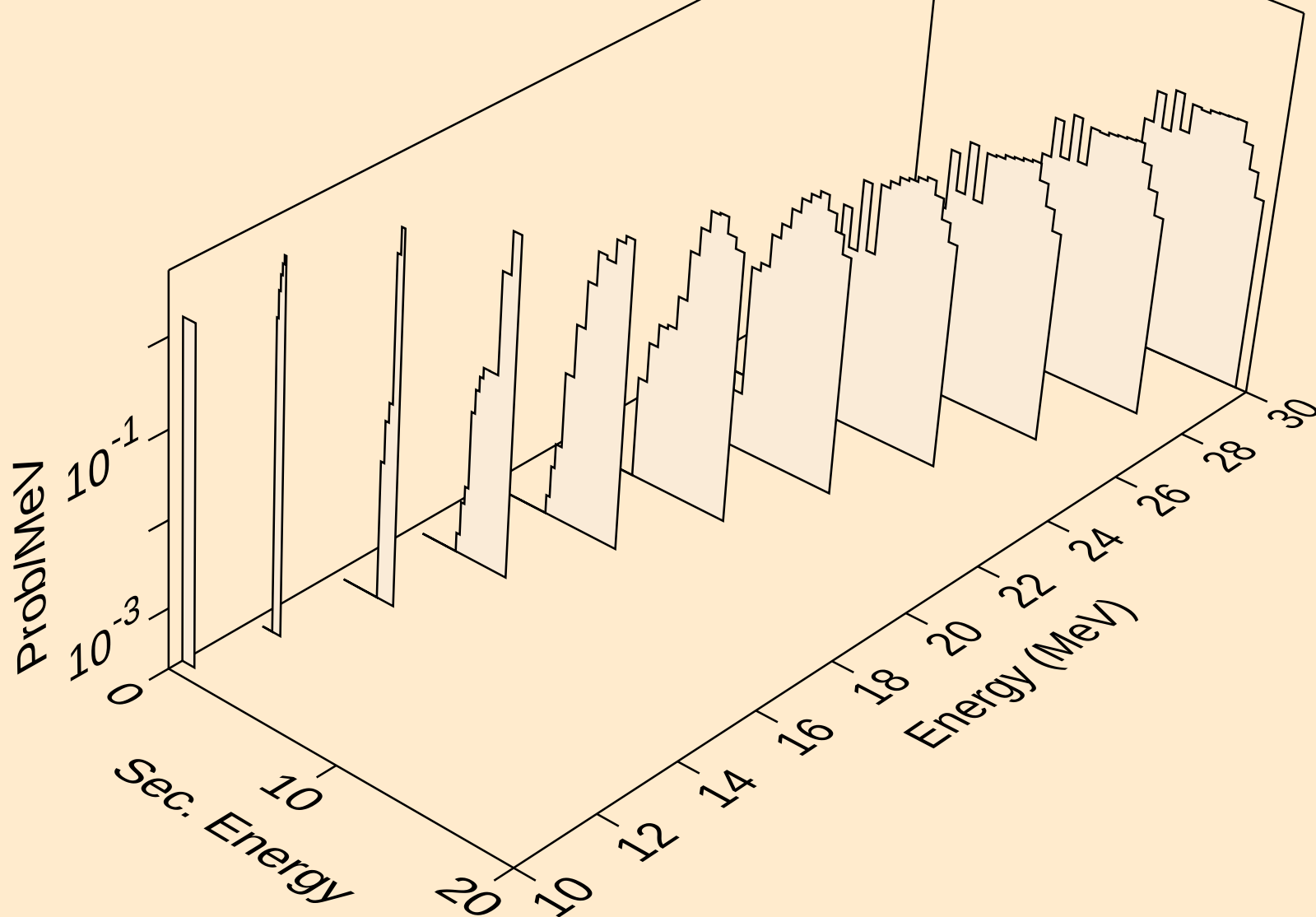
XE116 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (p,x)



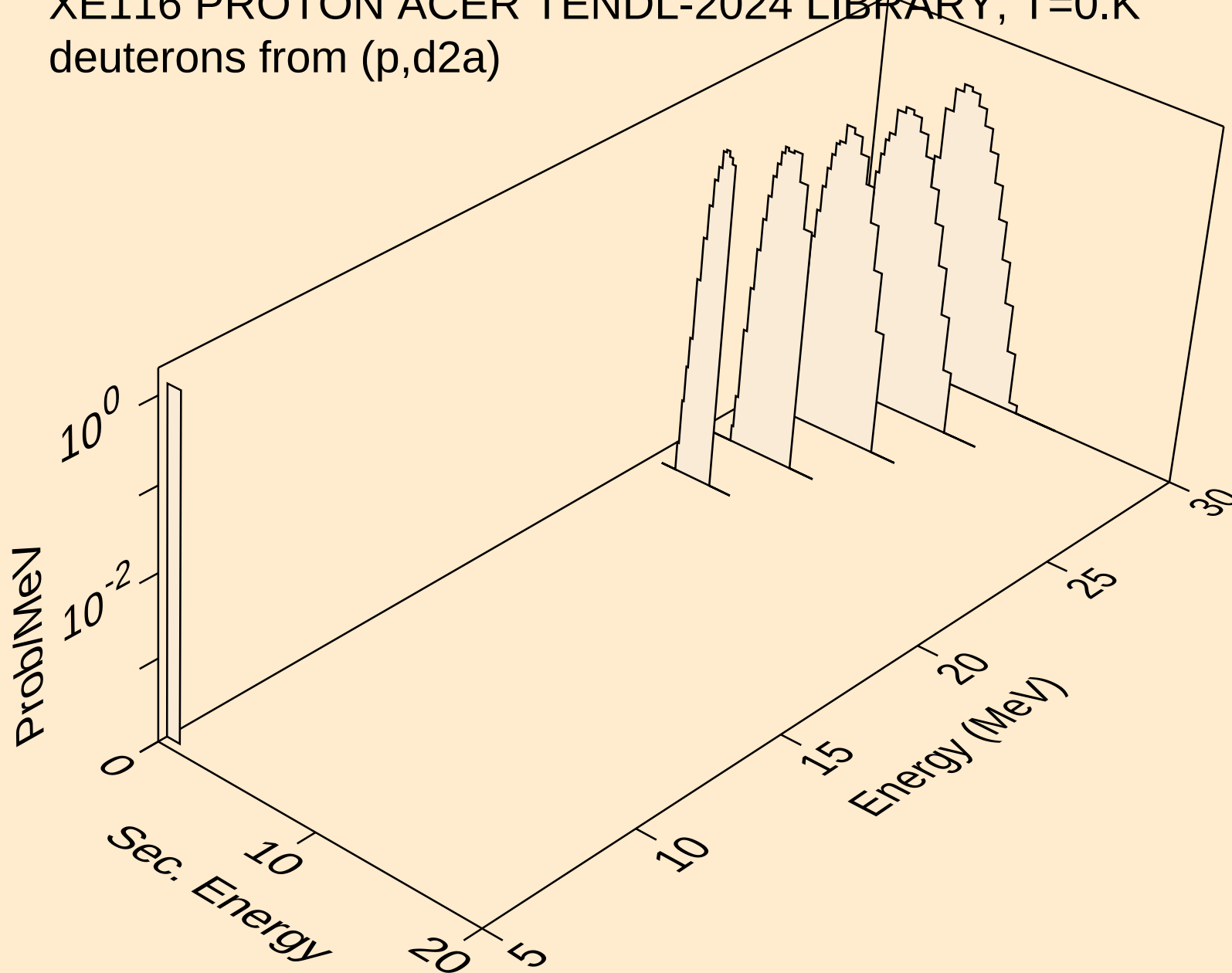
XE116 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
deuterons from  $(p,n^*)d$



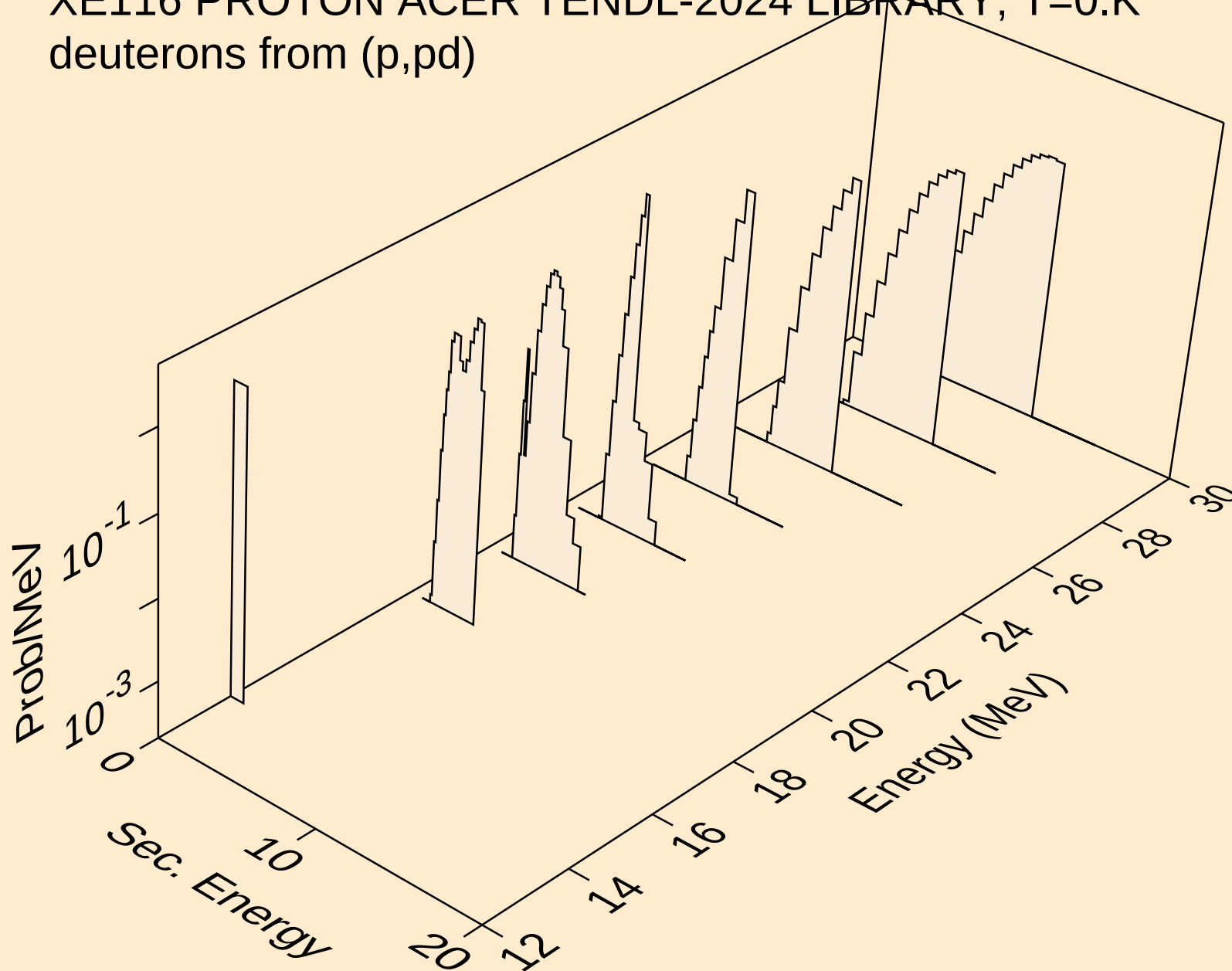
XE116 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (p,d)



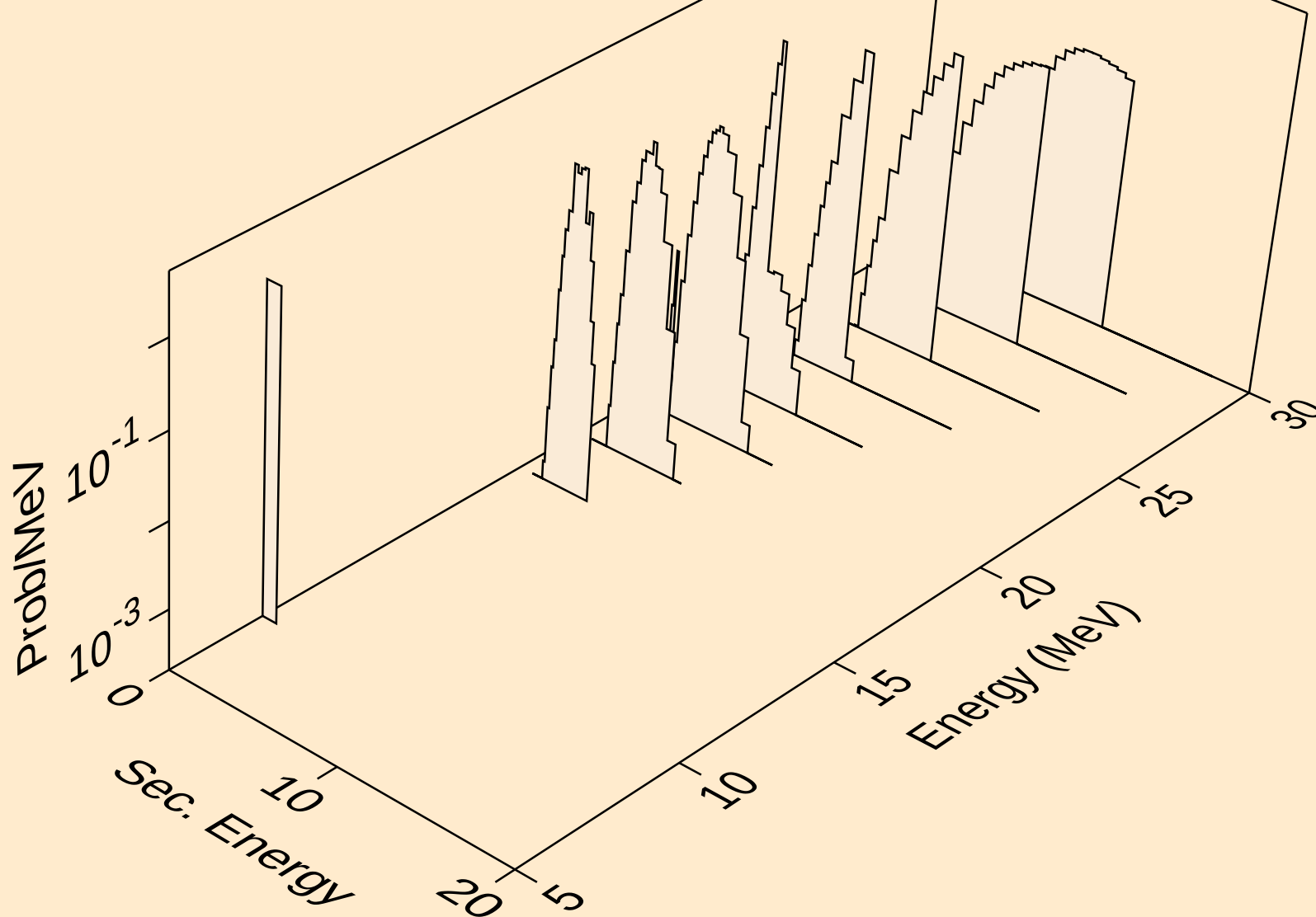
XE116 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (p,d2a)



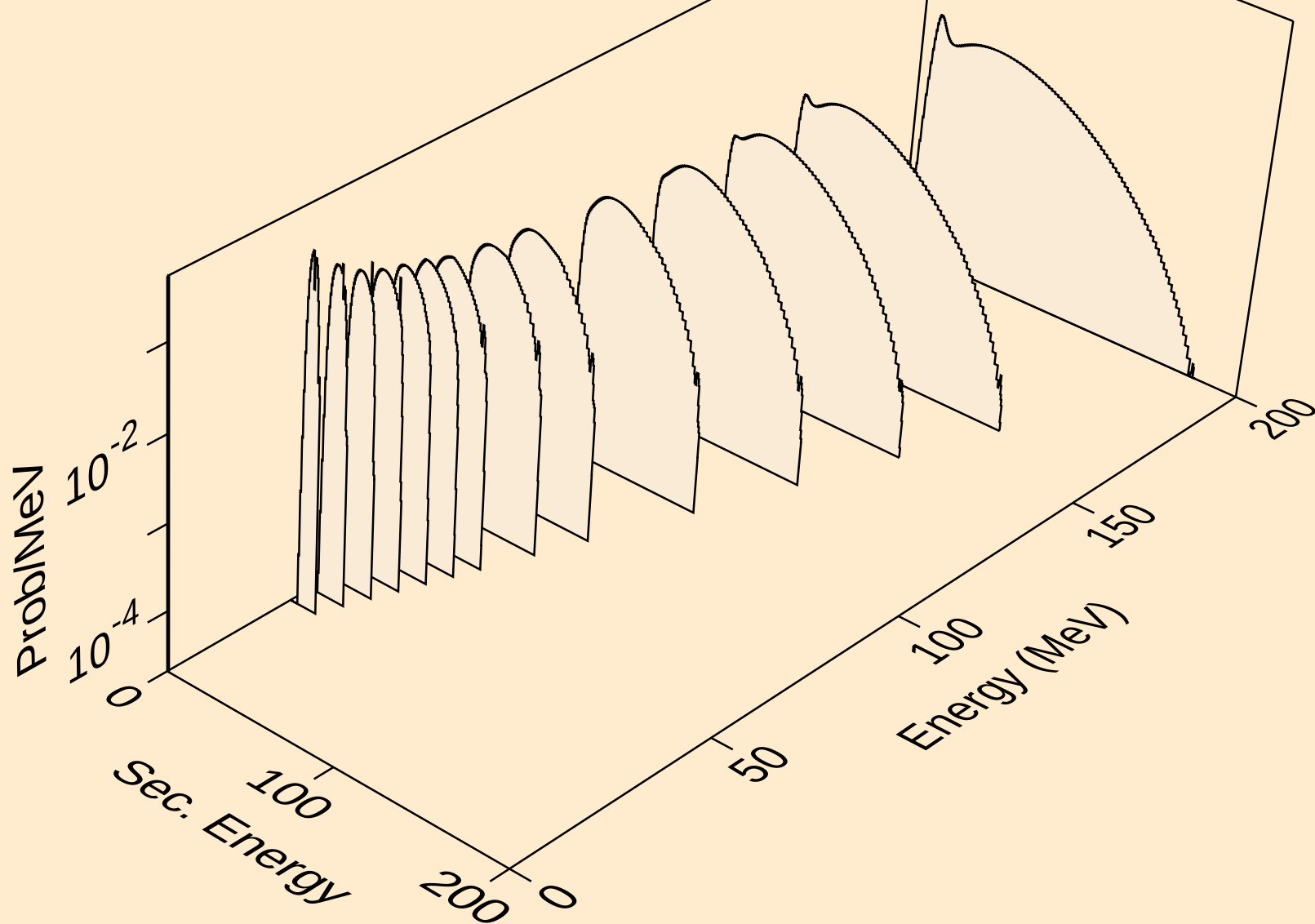
XE116 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (p,pd)



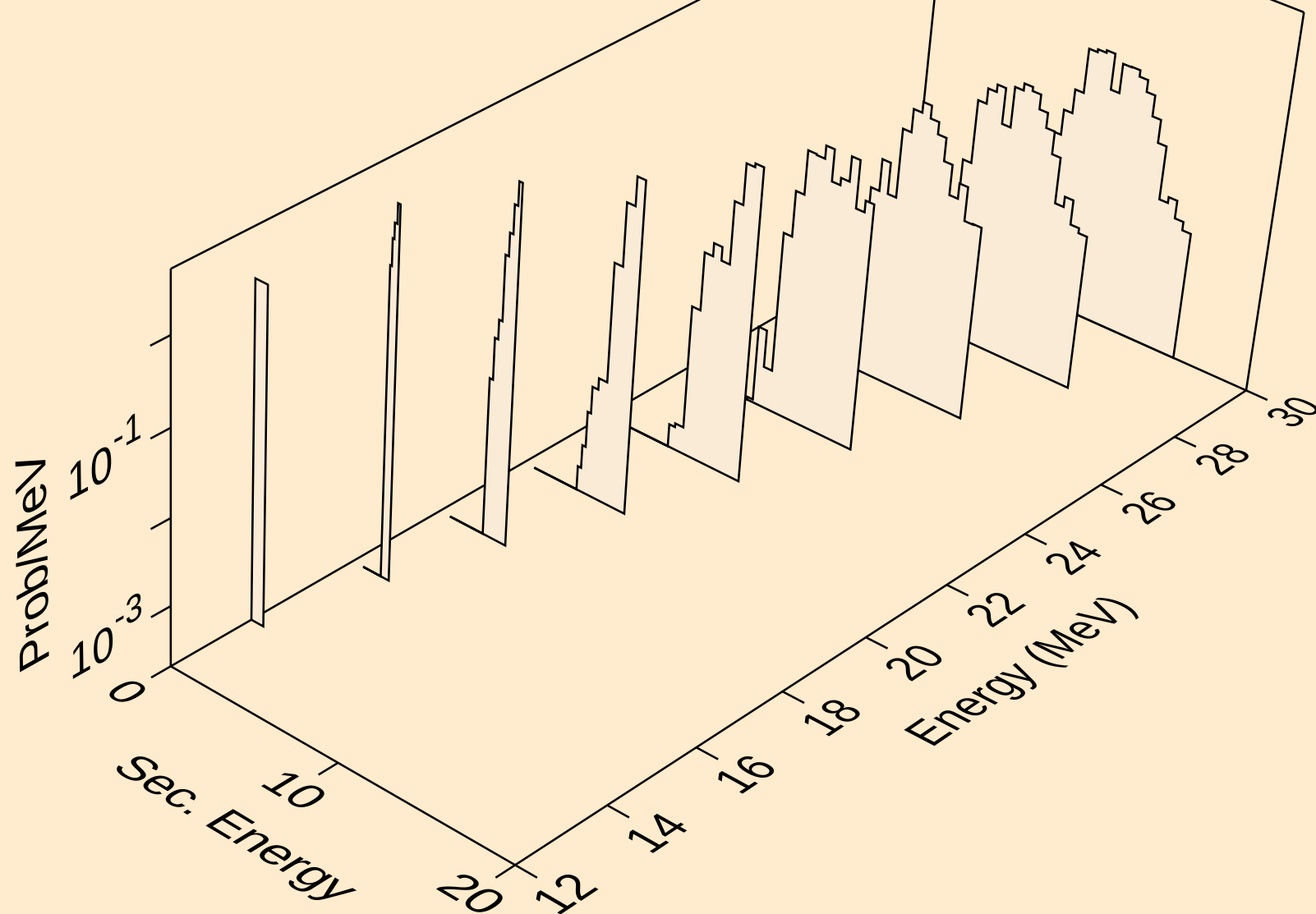
XE116 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (p,da)



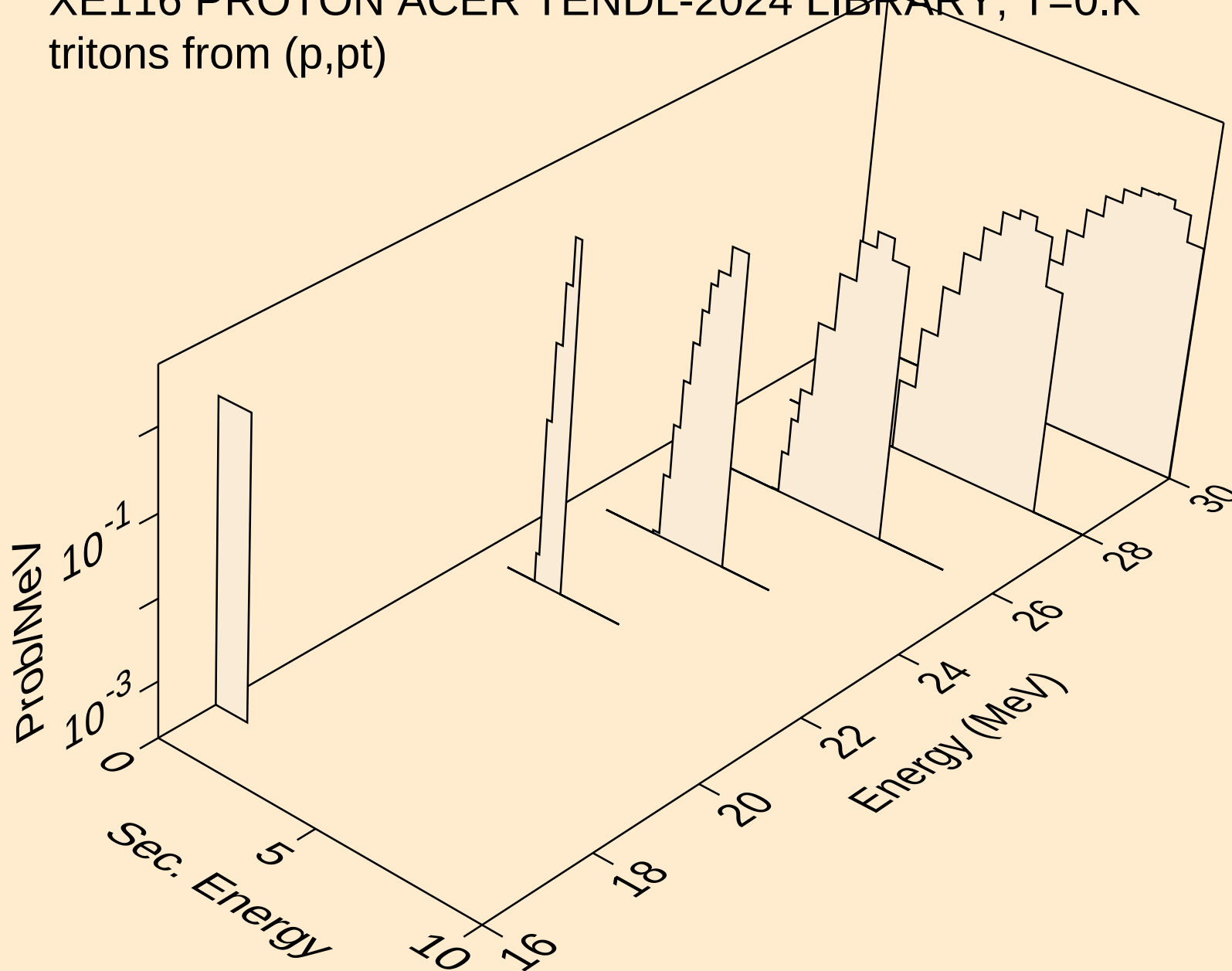
XE116 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (p,x)



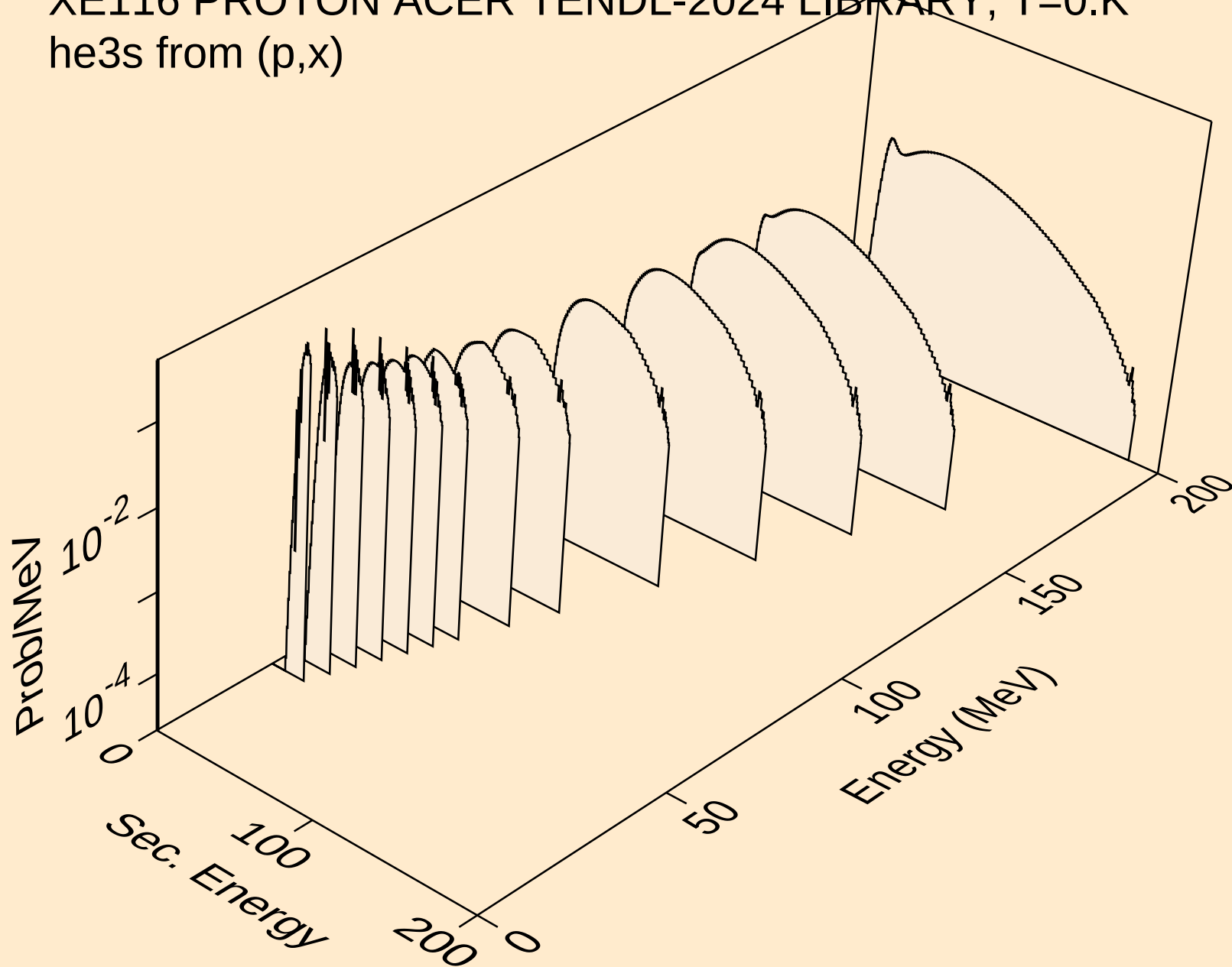
XE116 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (p,t)



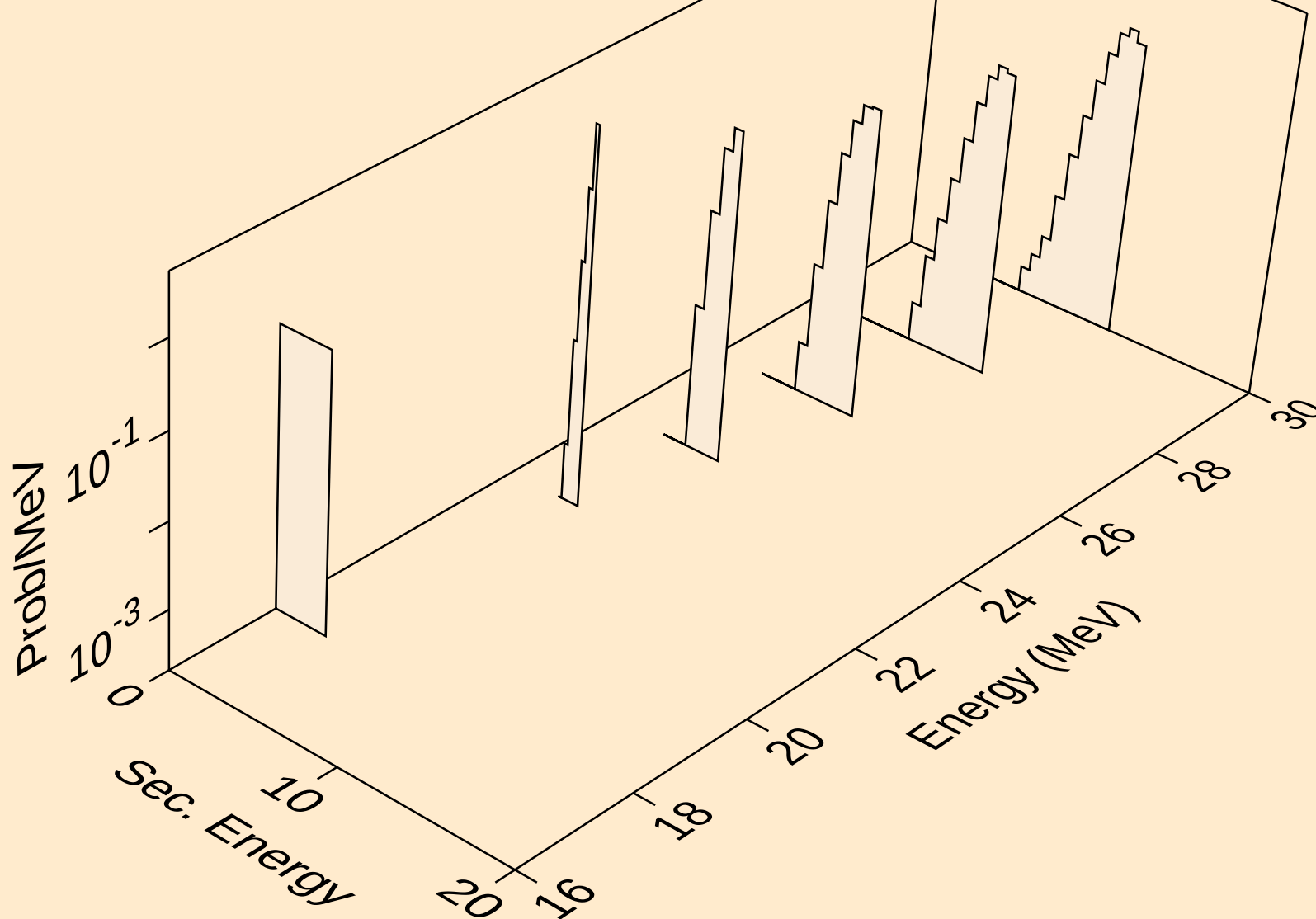
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tritons from (p,pt)



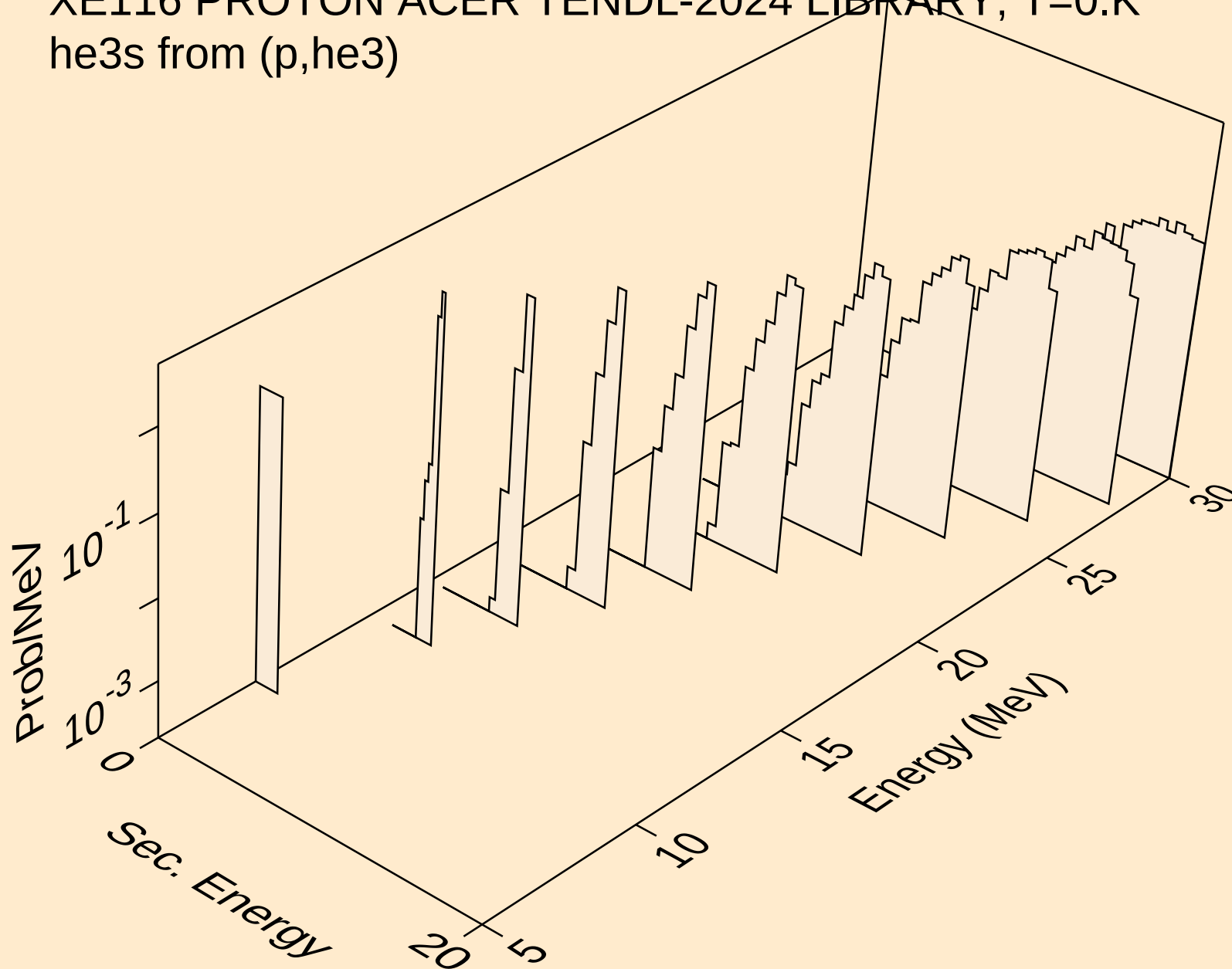
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he3s from (p,x)



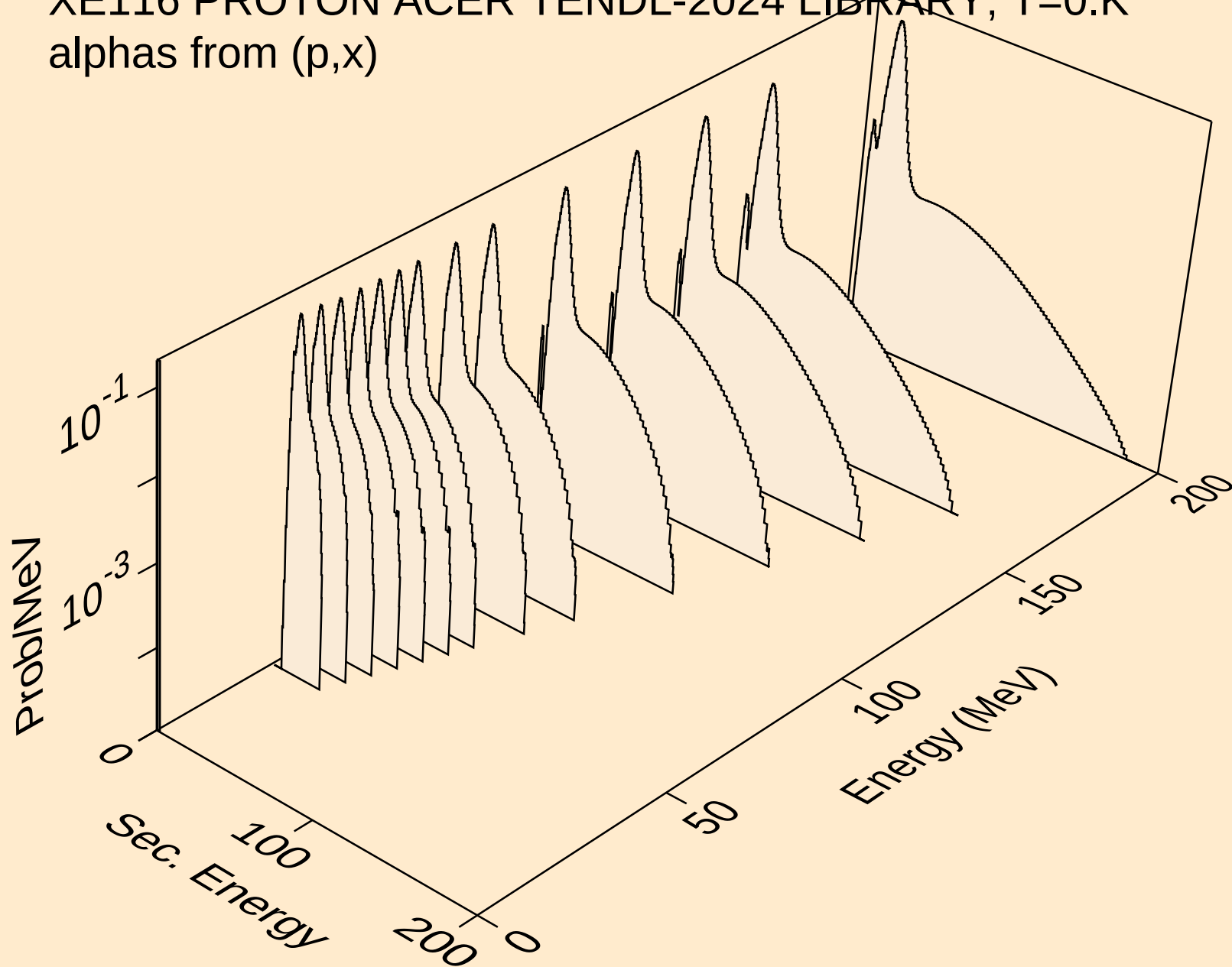
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he3s from (p,n\*)he3



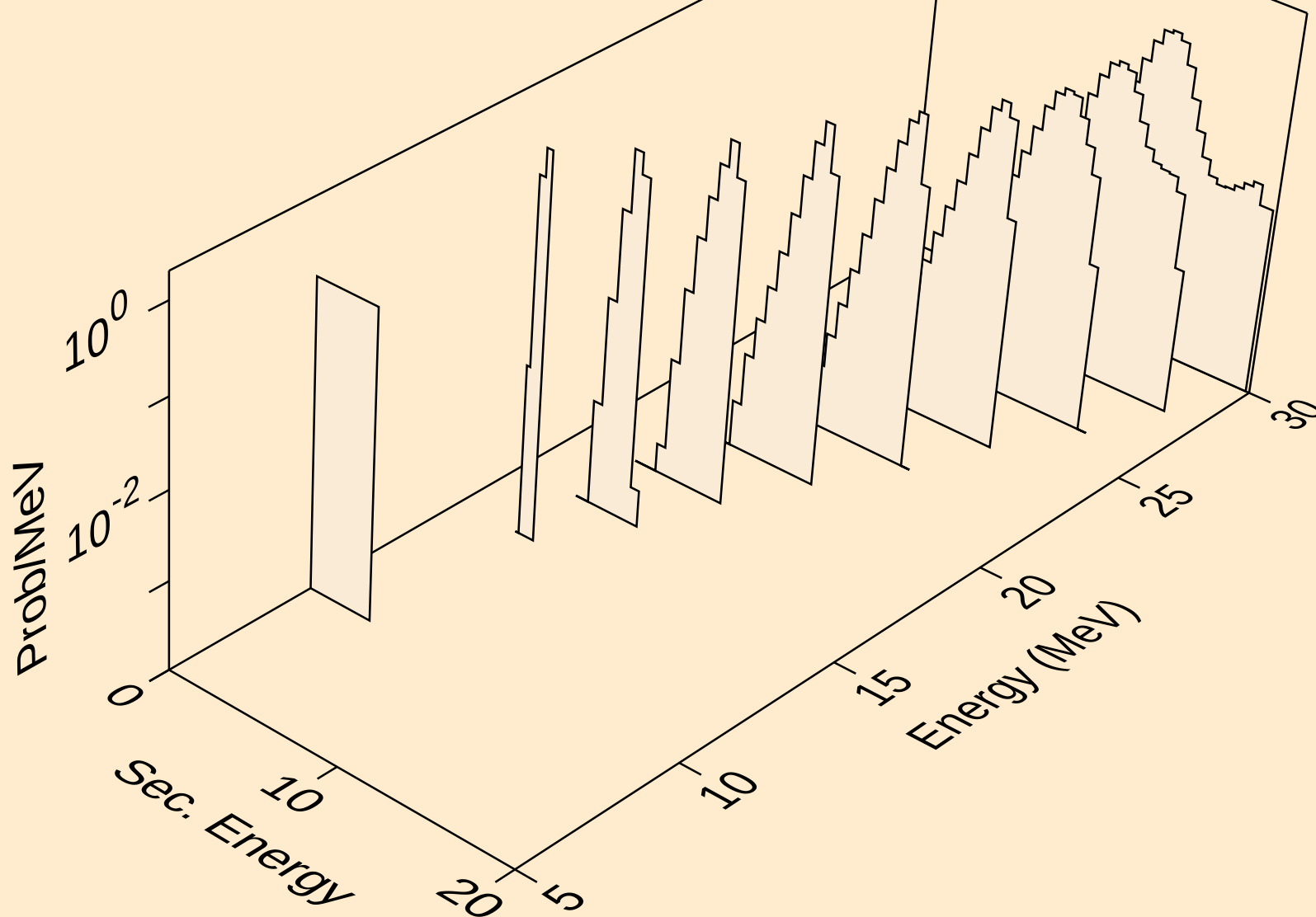
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he3s from (p,he3)



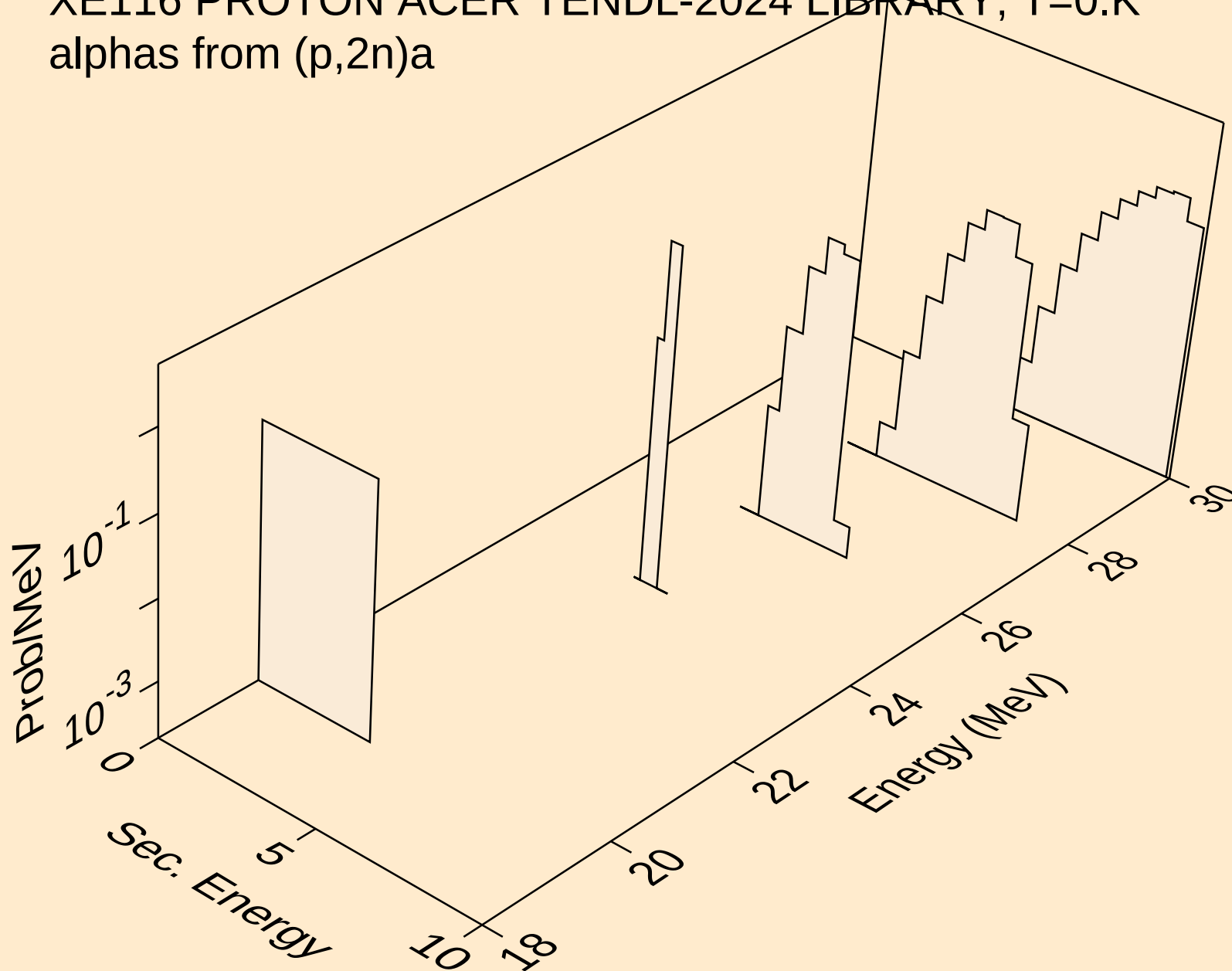
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alphas from (p,x)



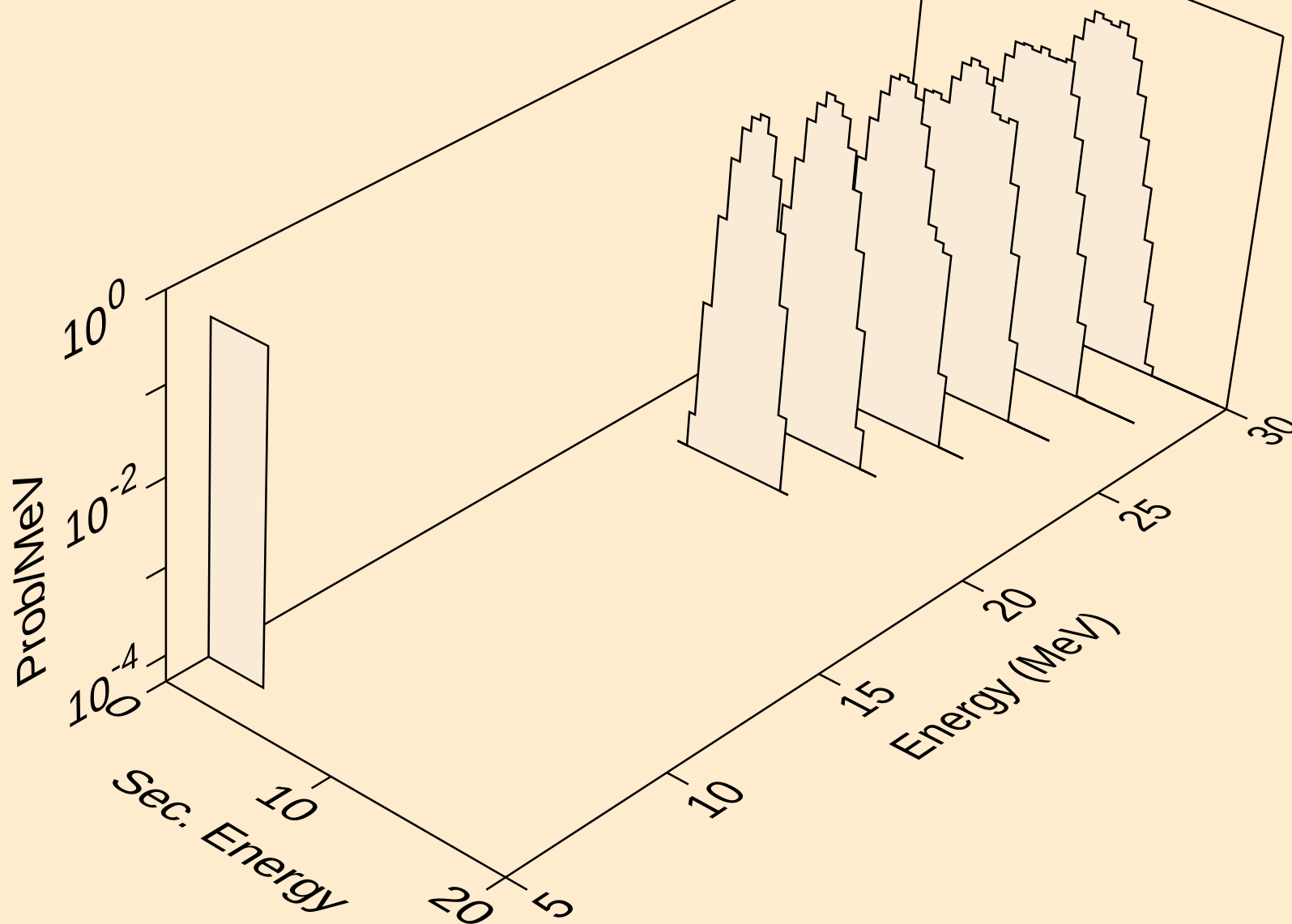
XE116 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,n\*)a



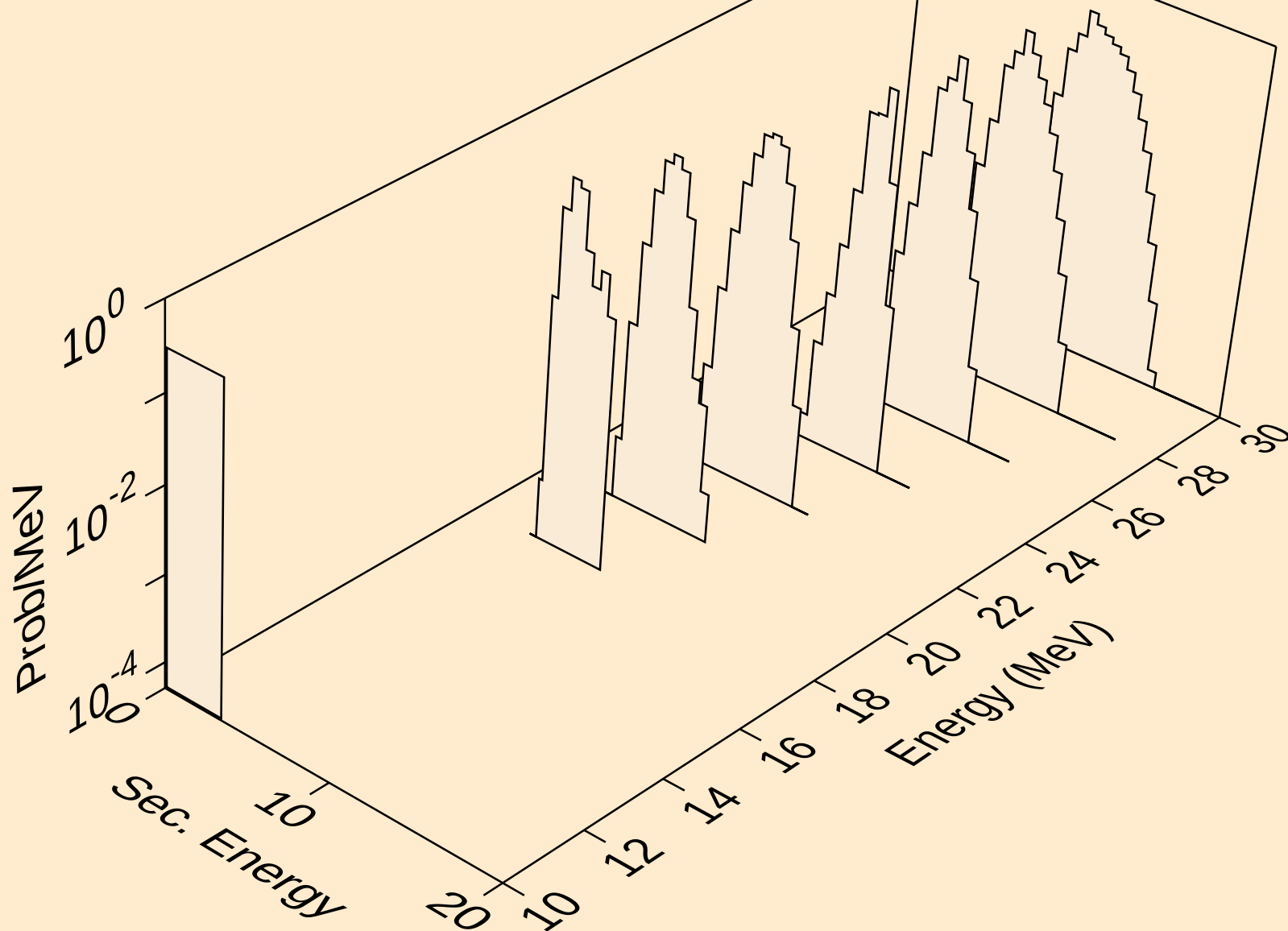
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alphas from (p,2n)a



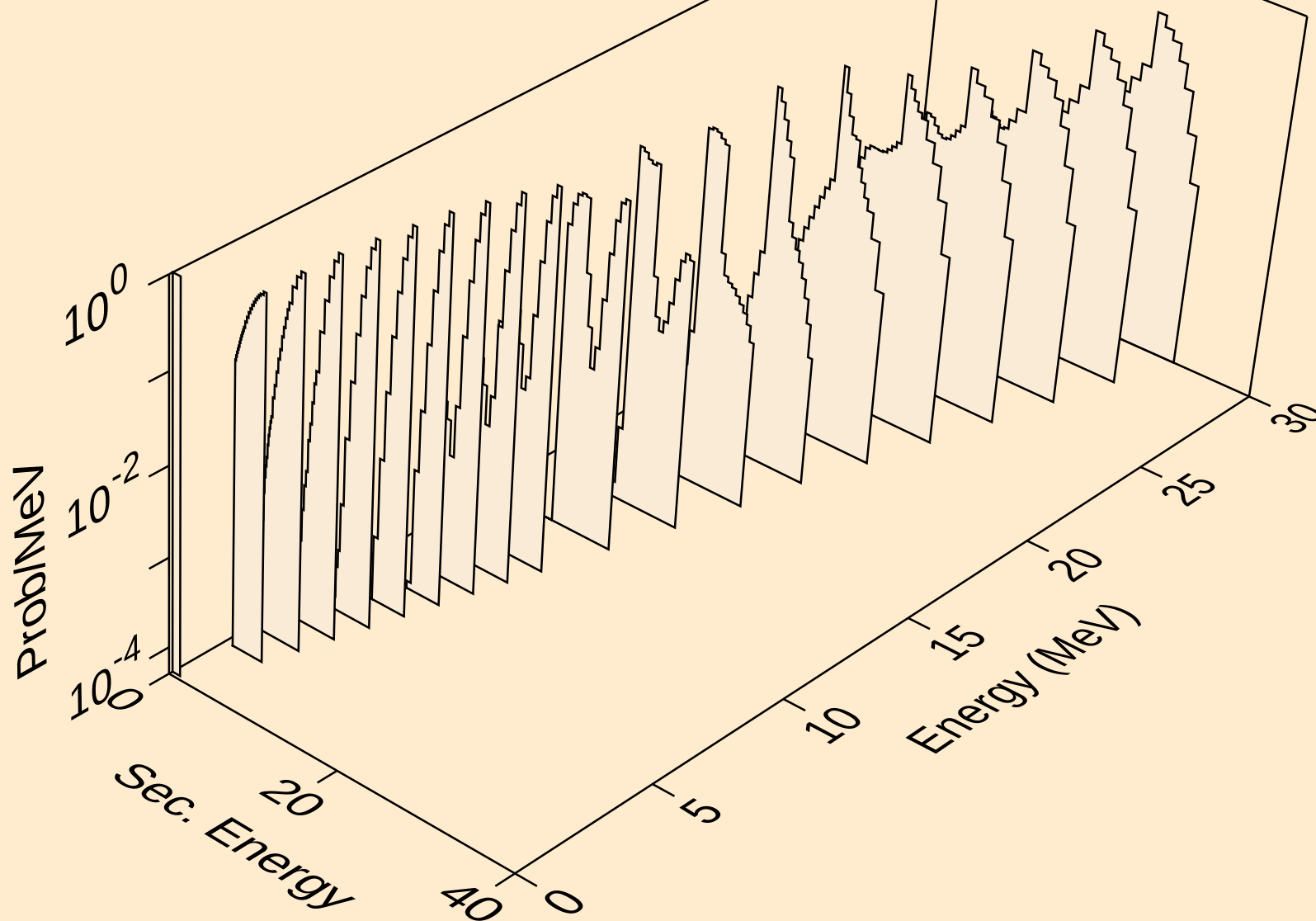
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alphas from (p,n\*)2a



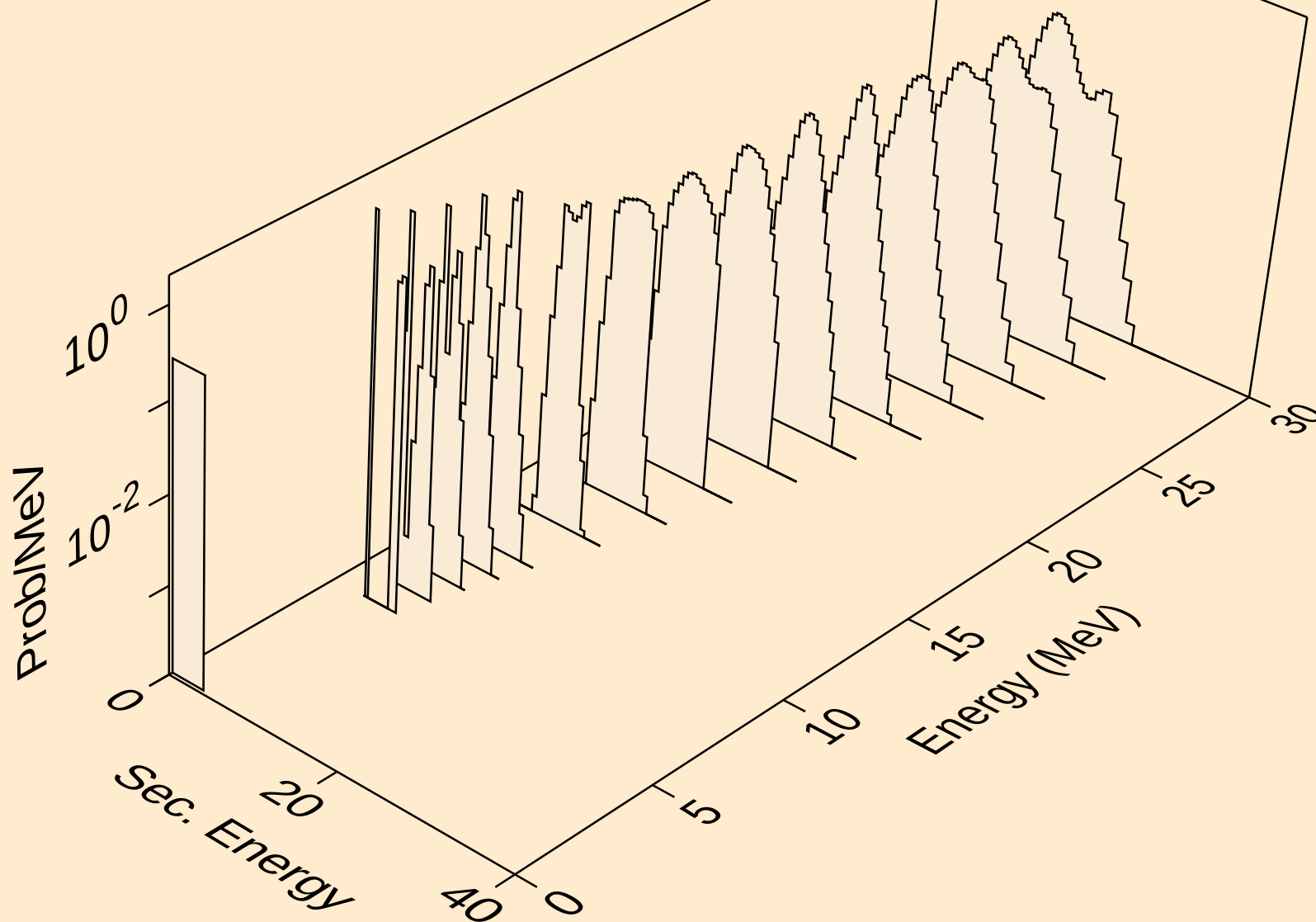
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alphas from (p,npa)



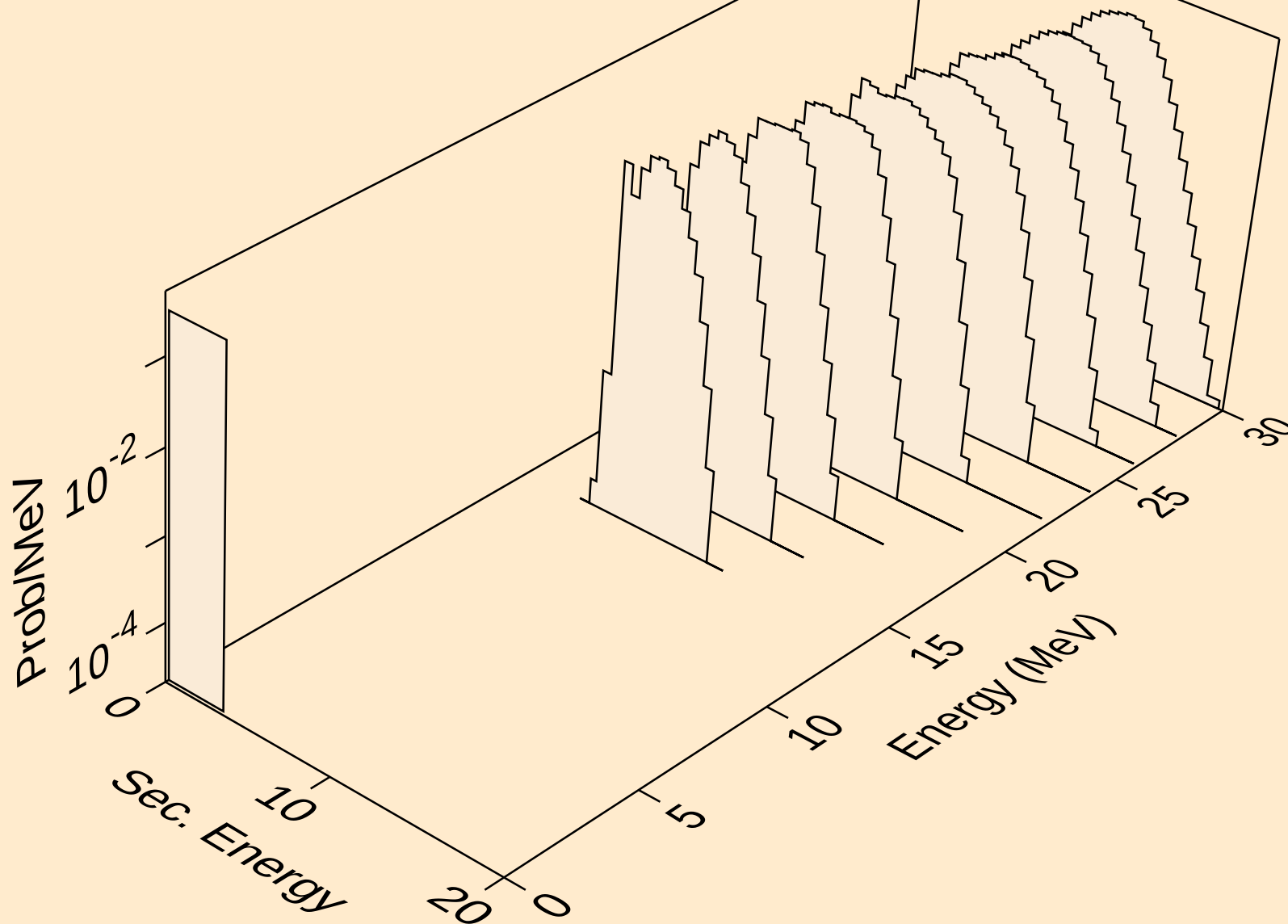
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alphas from (p,a)



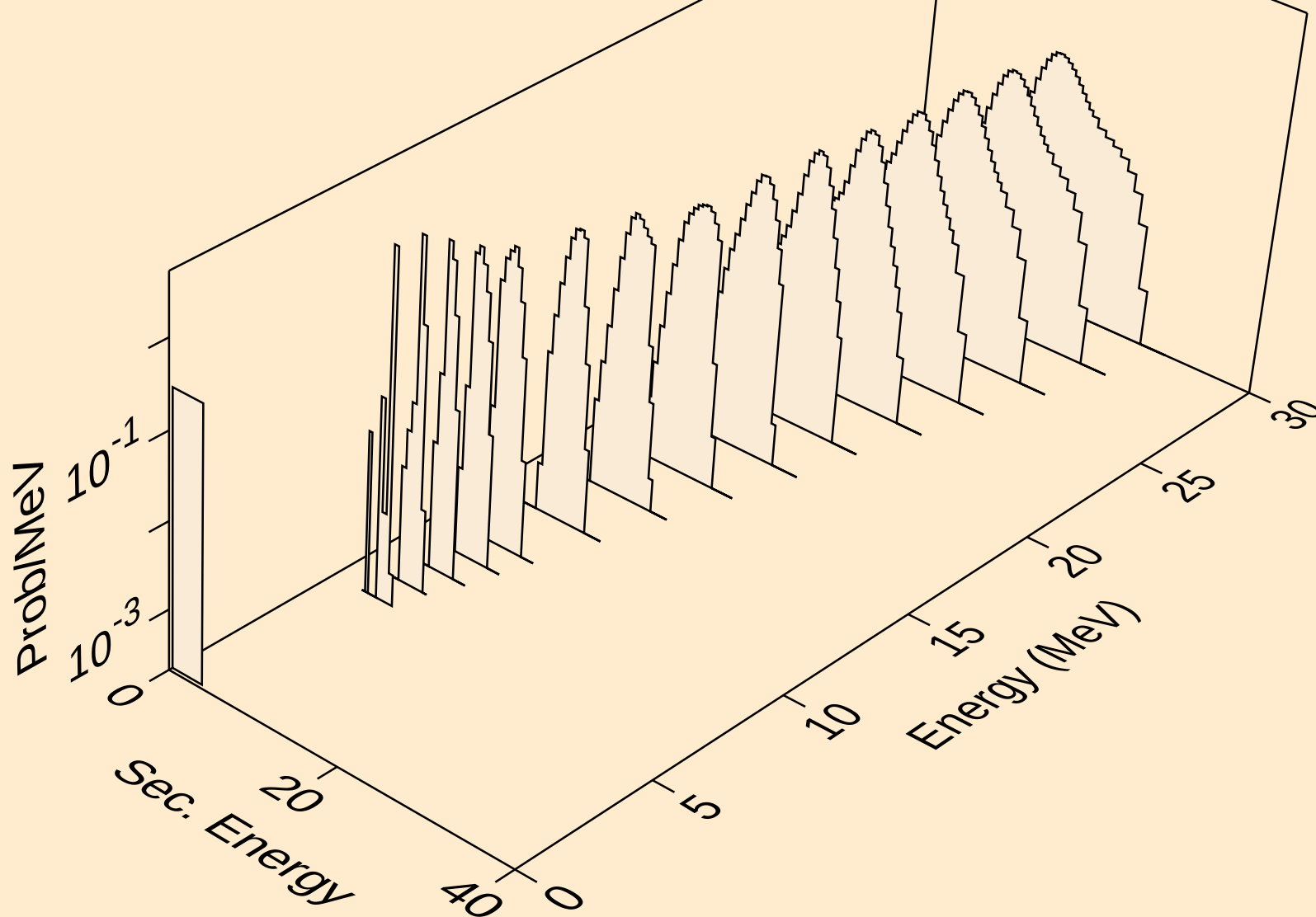
XE116 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,2a)



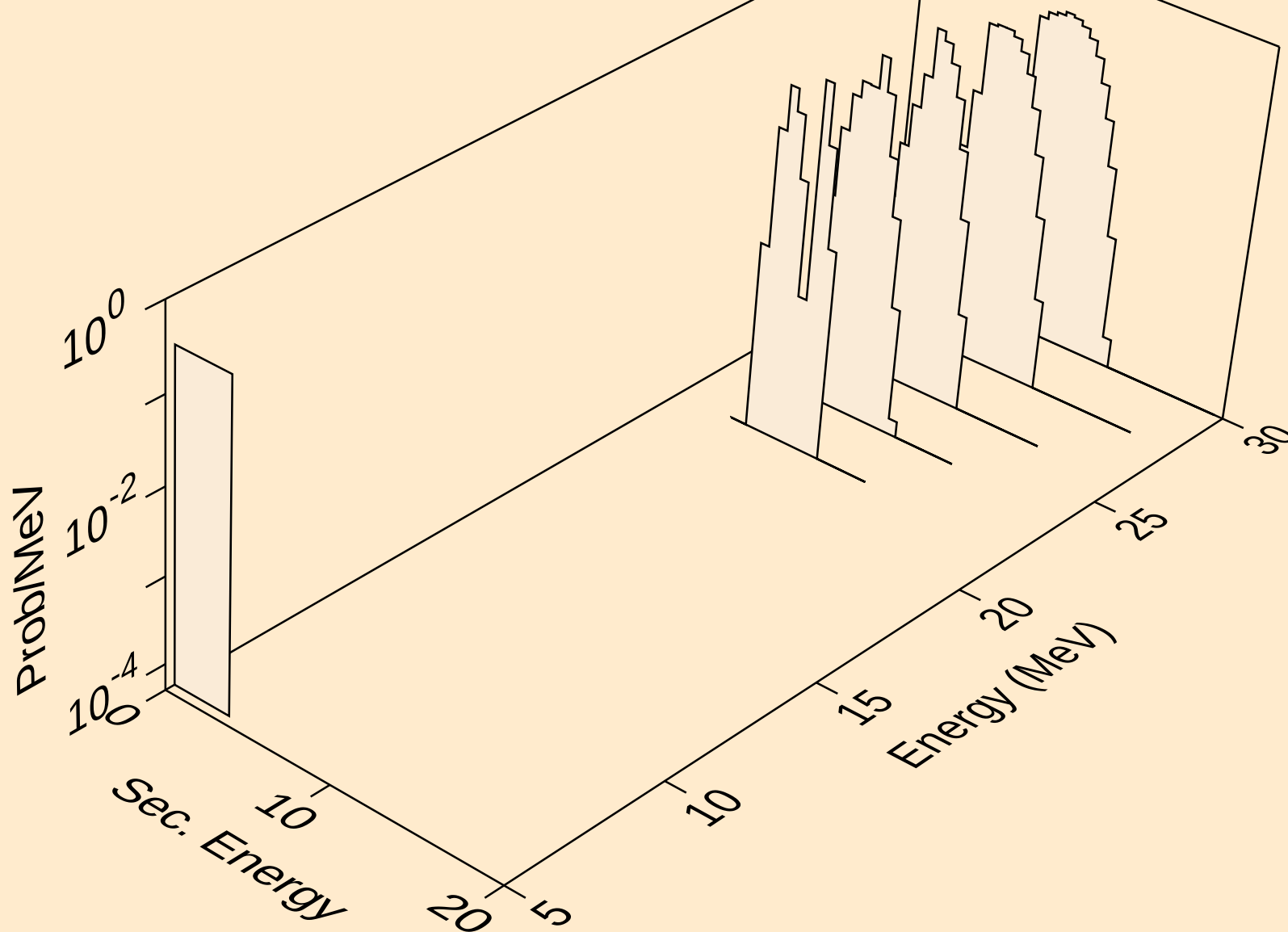
XE116 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,3a)



XE116 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,pa)



XE116 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,d2a)



XE116 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,da)

