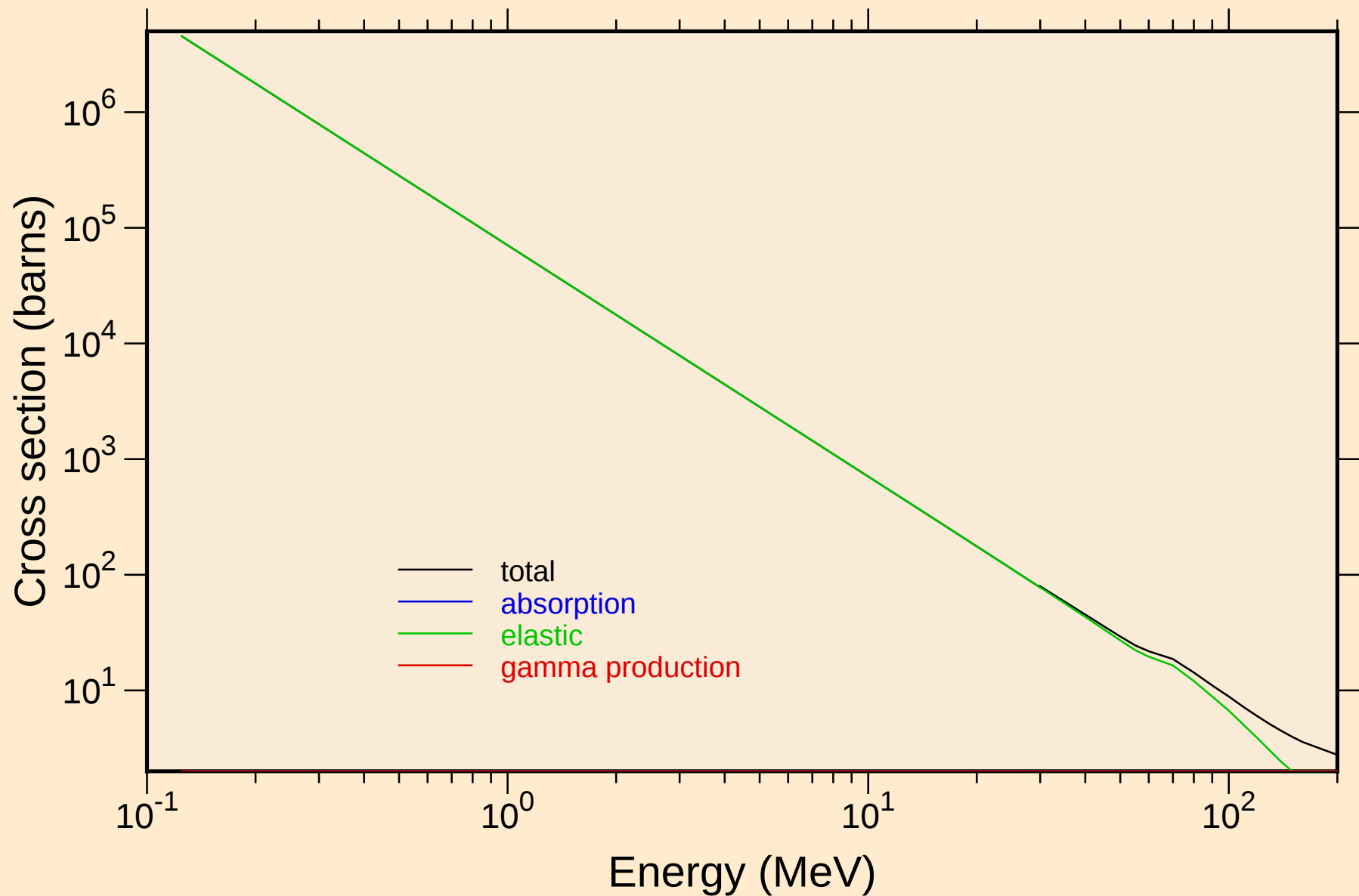


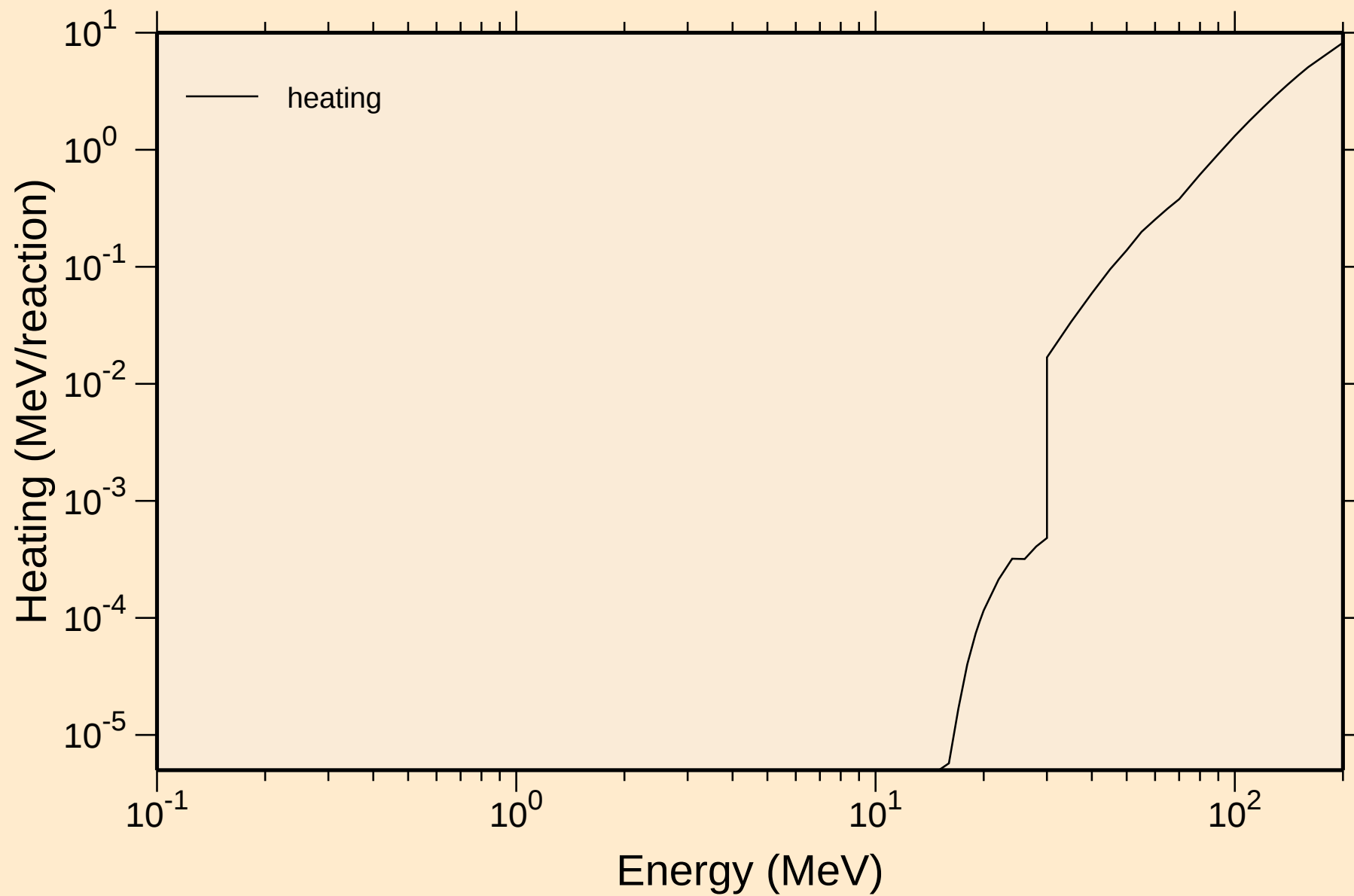
# BH273 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



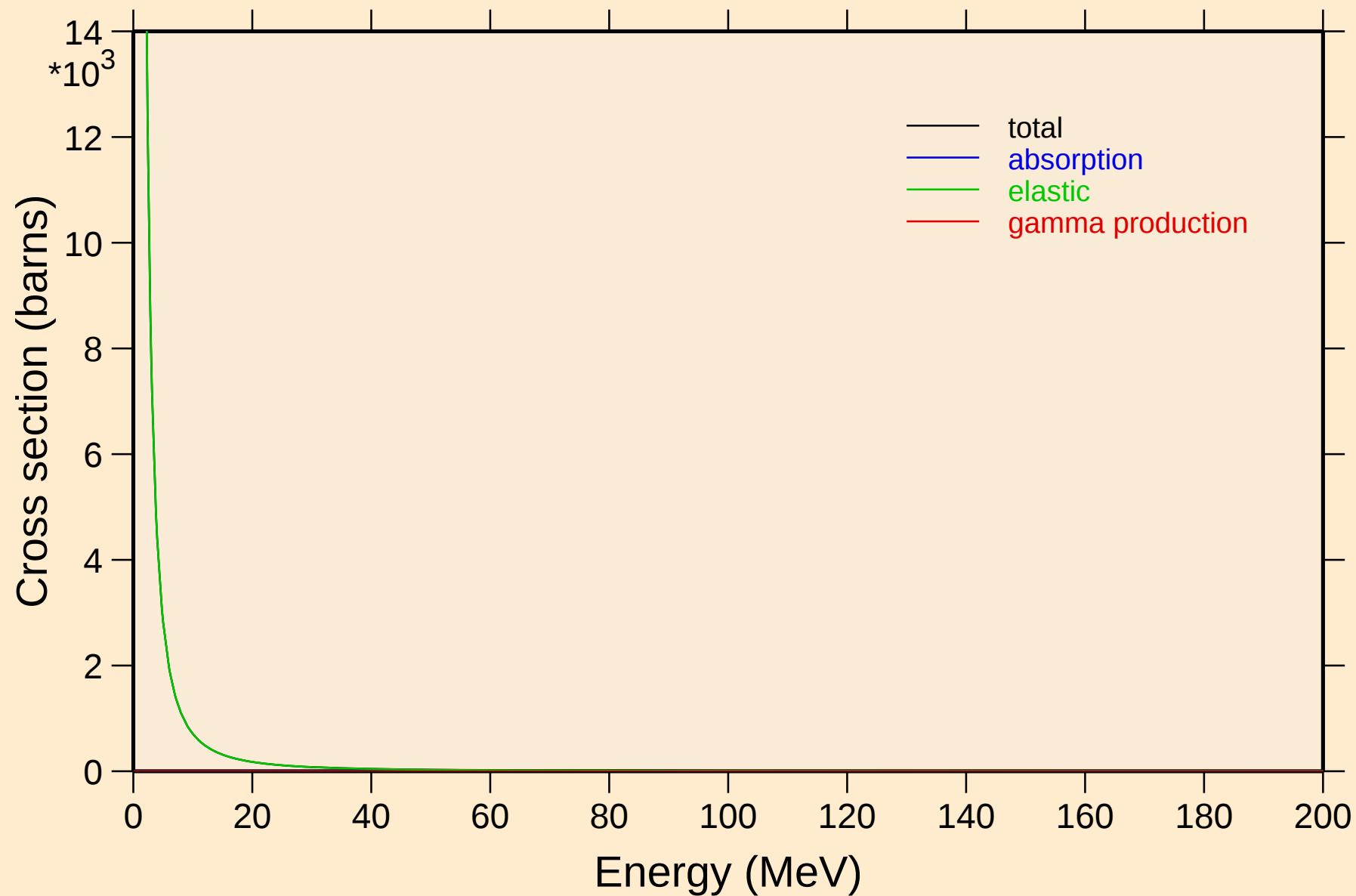
# BH273 PROTON ACER TENDL-2021 LIBRARY; T=0.K

Heating



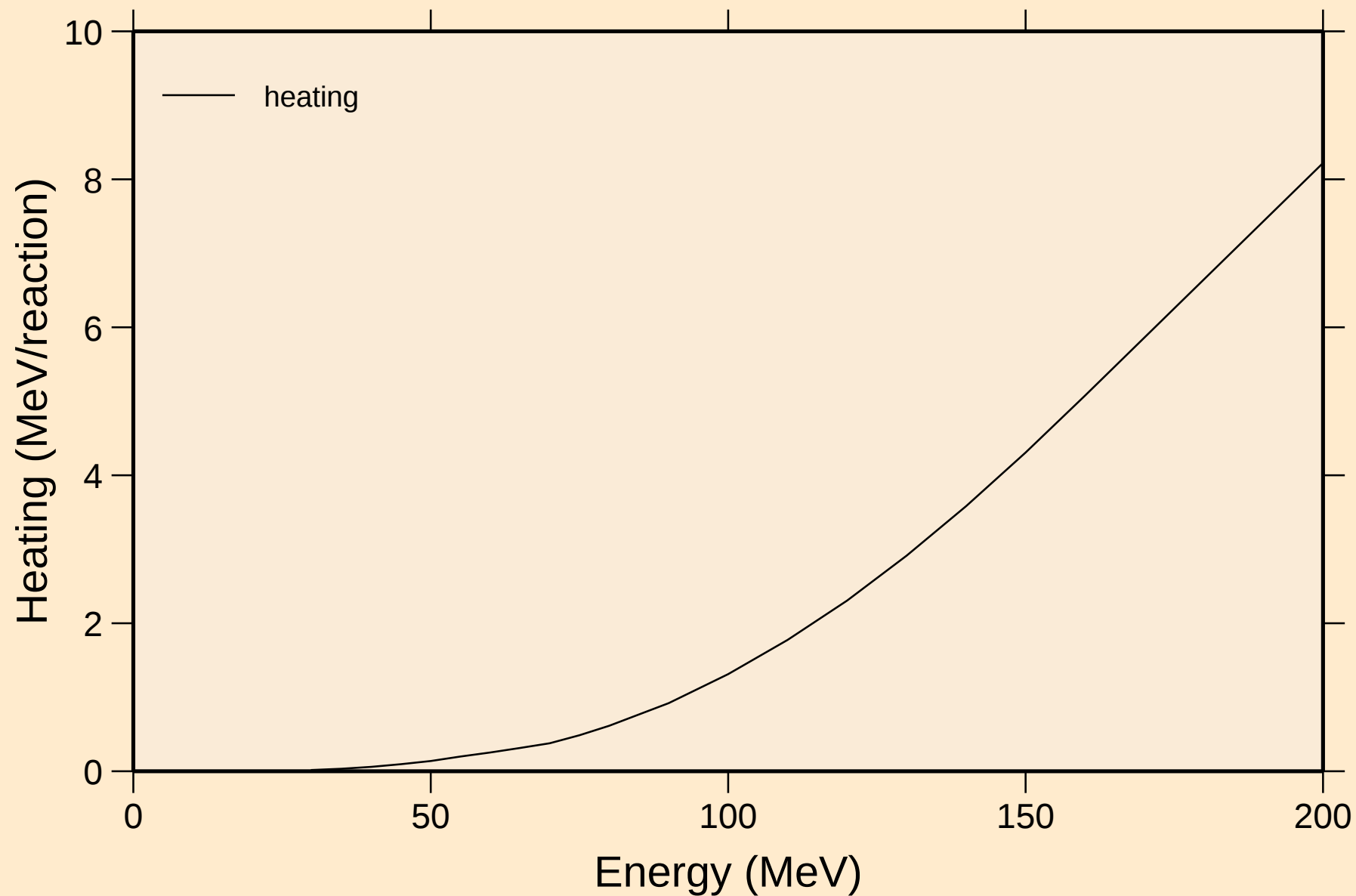
# BH273 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



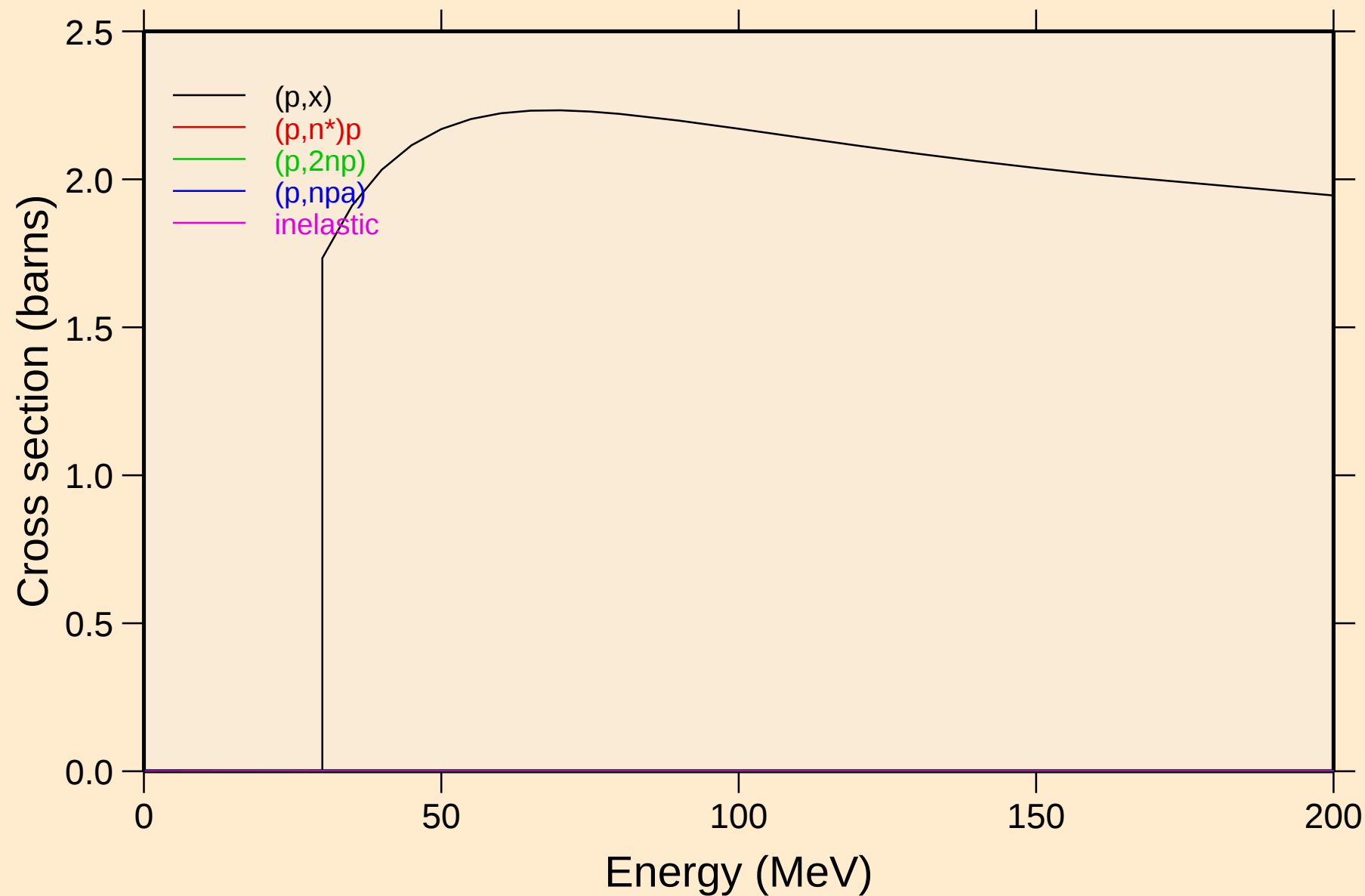
# BH273 PROTON ACER TENDL-2021 LIBRARY; T=0.K

Heating



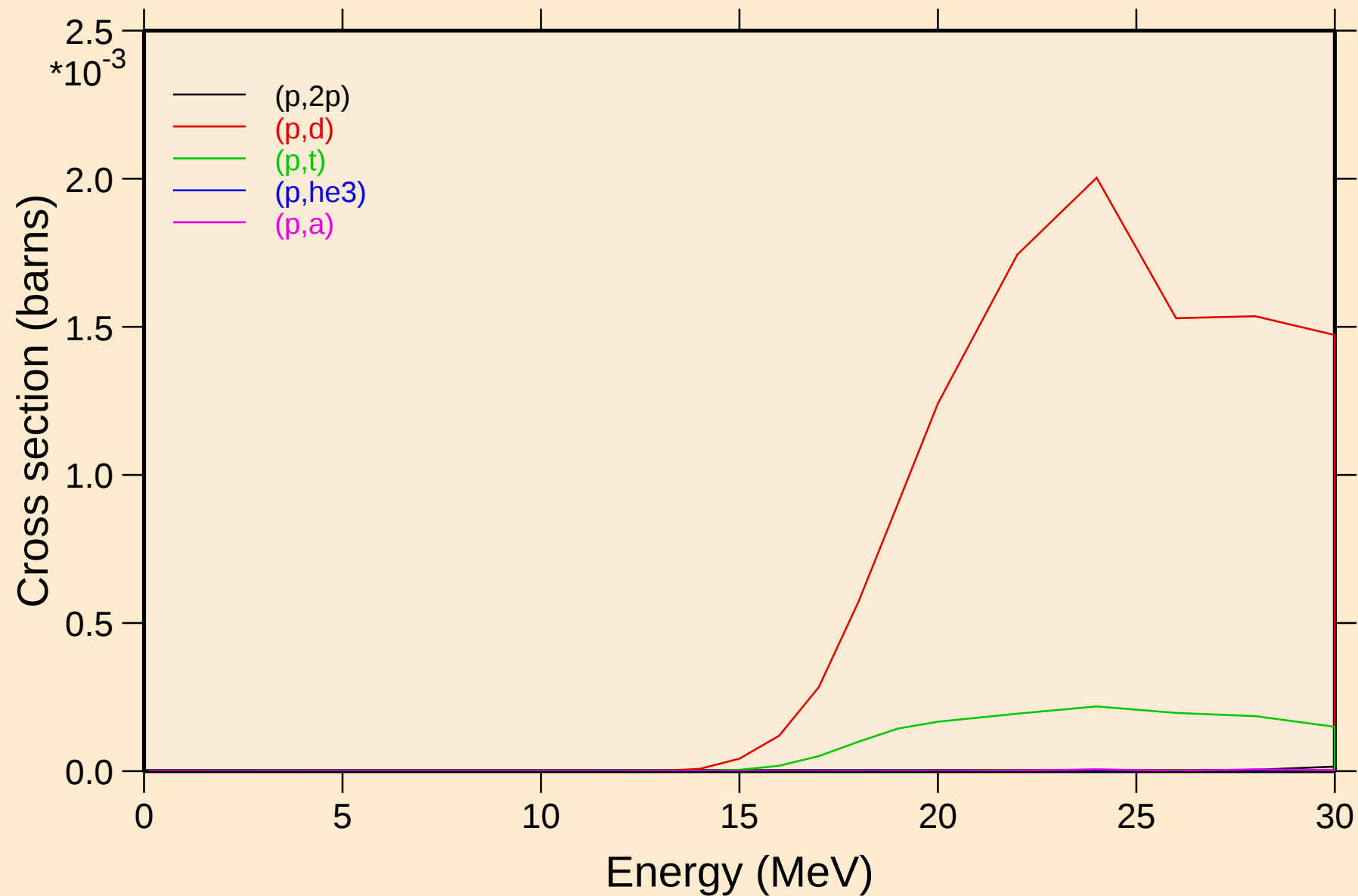
# BH273 PROTON ACER TENDL-2021 LIBRARY; T=0.K

Threshold reactions



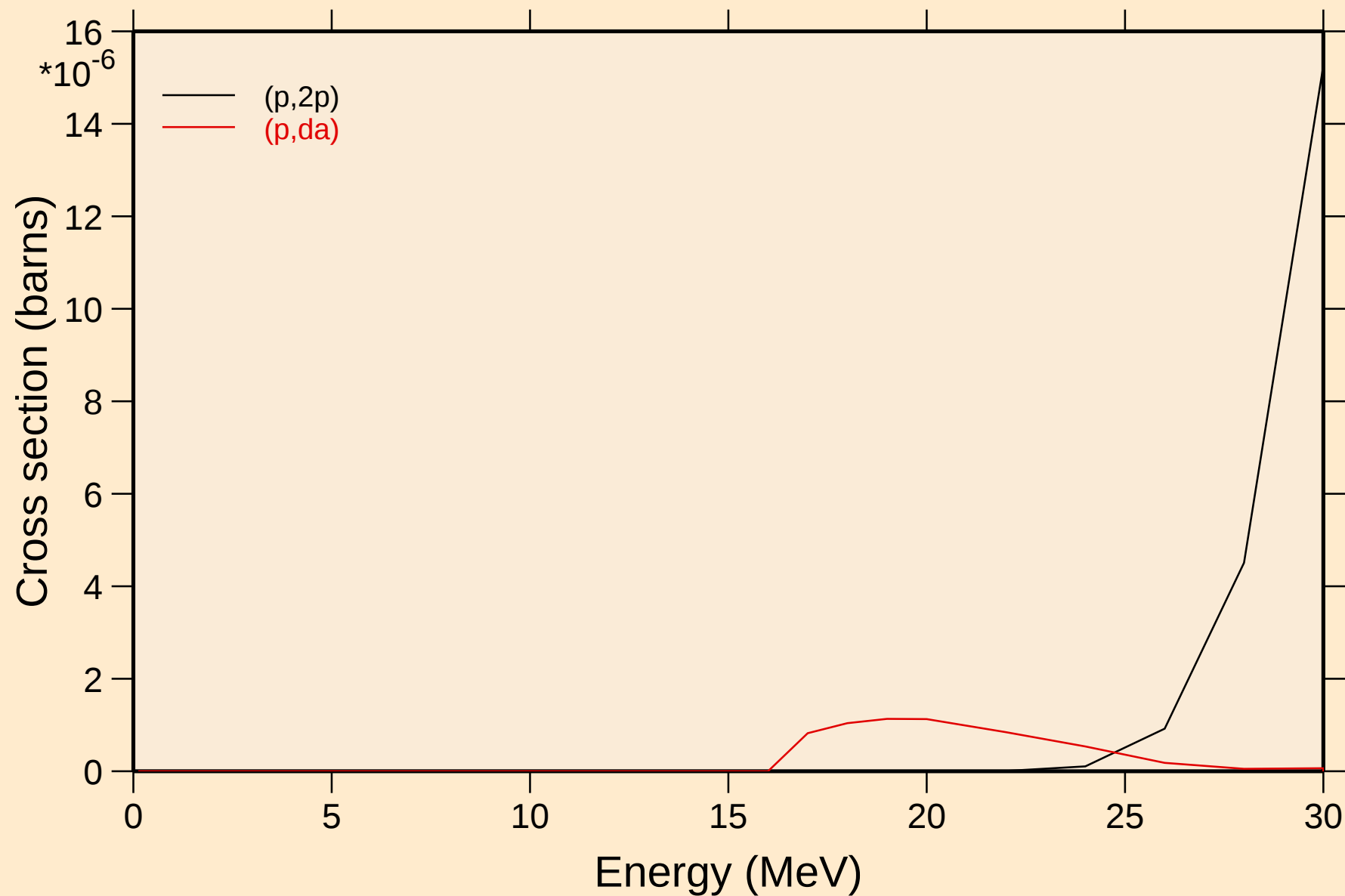
# BH273 PROTON ACER TENDL-2021 LIBRARY; T=0.K

Threshold reactions

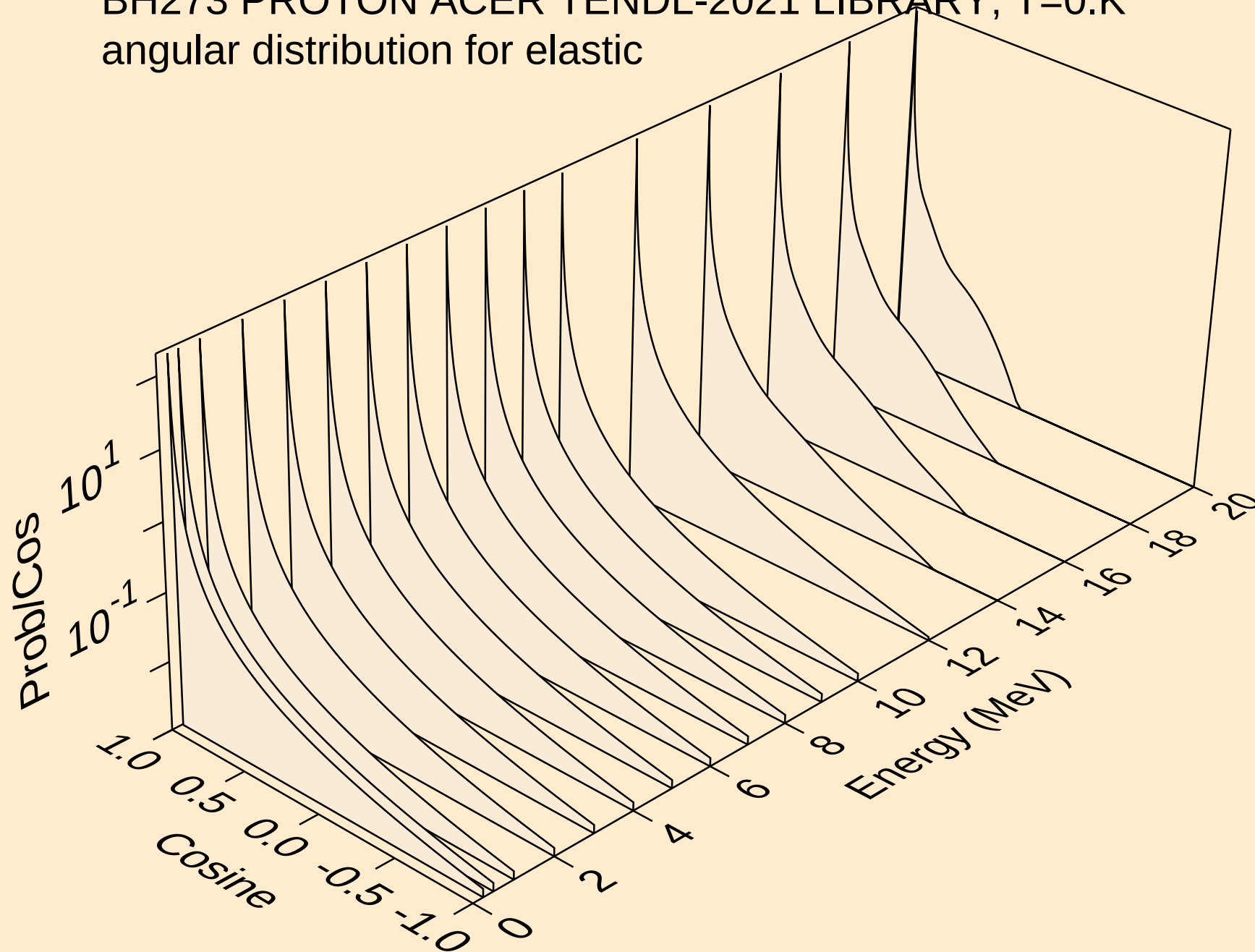


# BH273 PROTON ACER TENDL-2021 LIBRARY; T=0.K

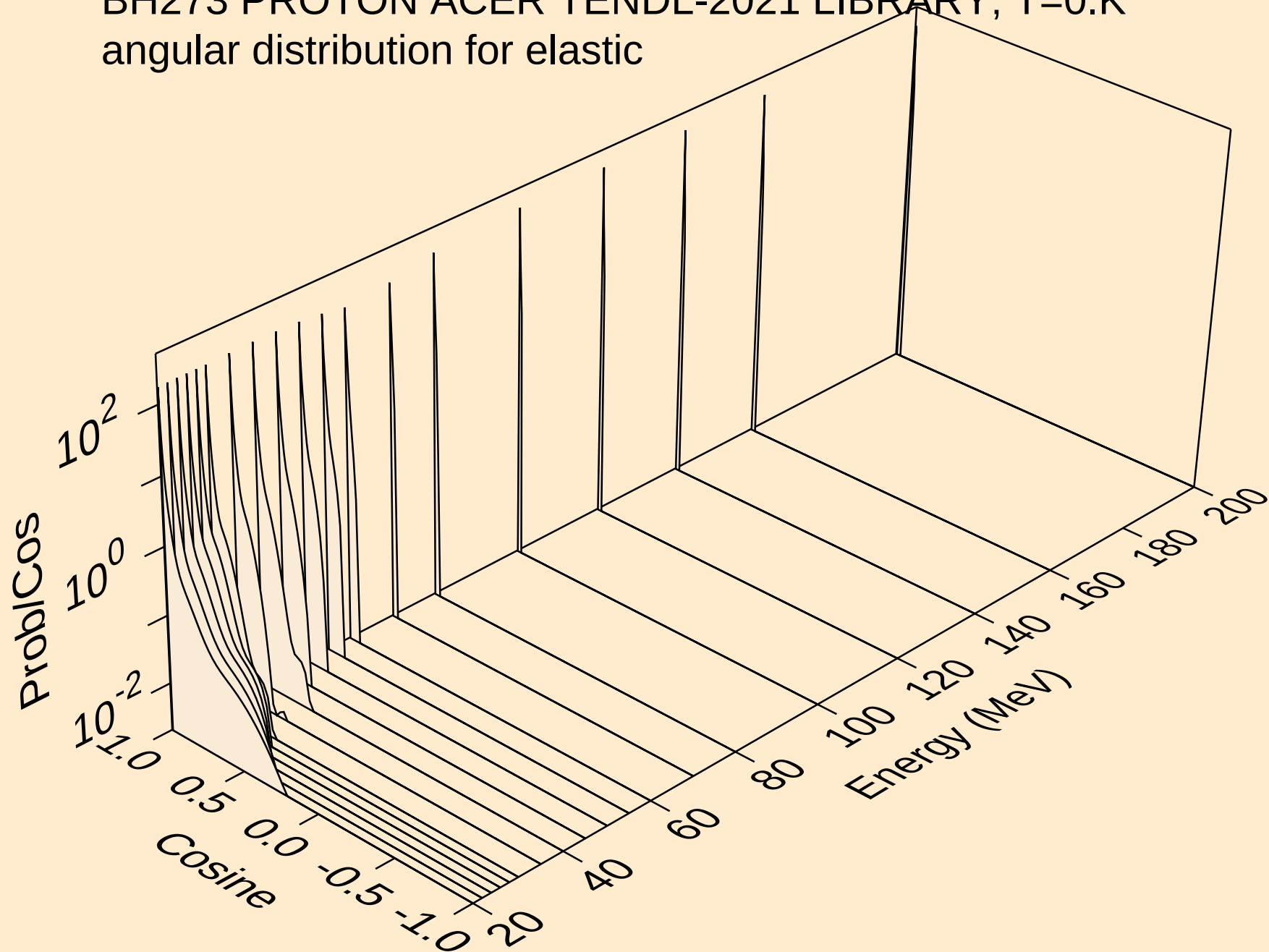
Threshold reactions



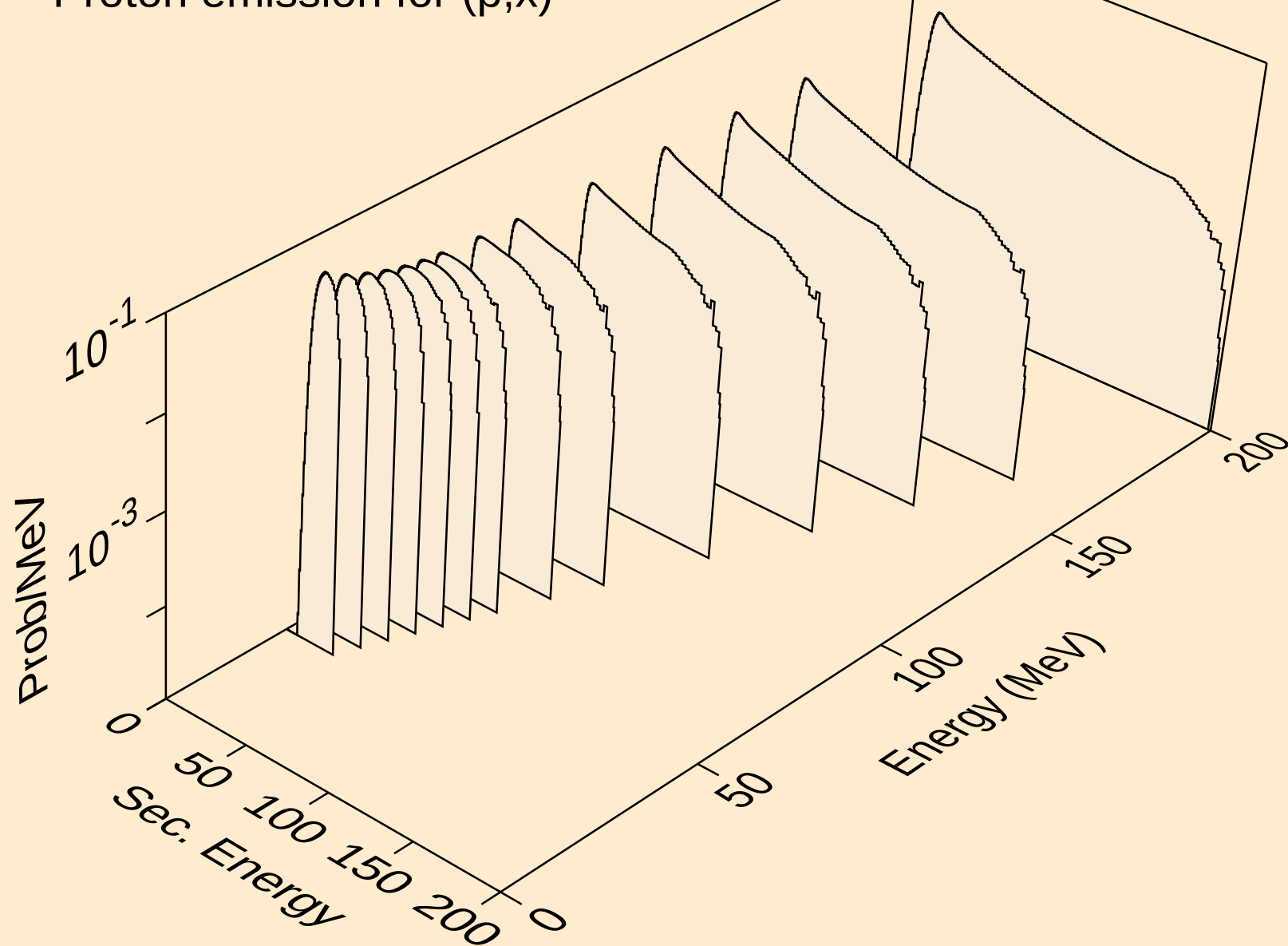
BH273 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



BH273 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic

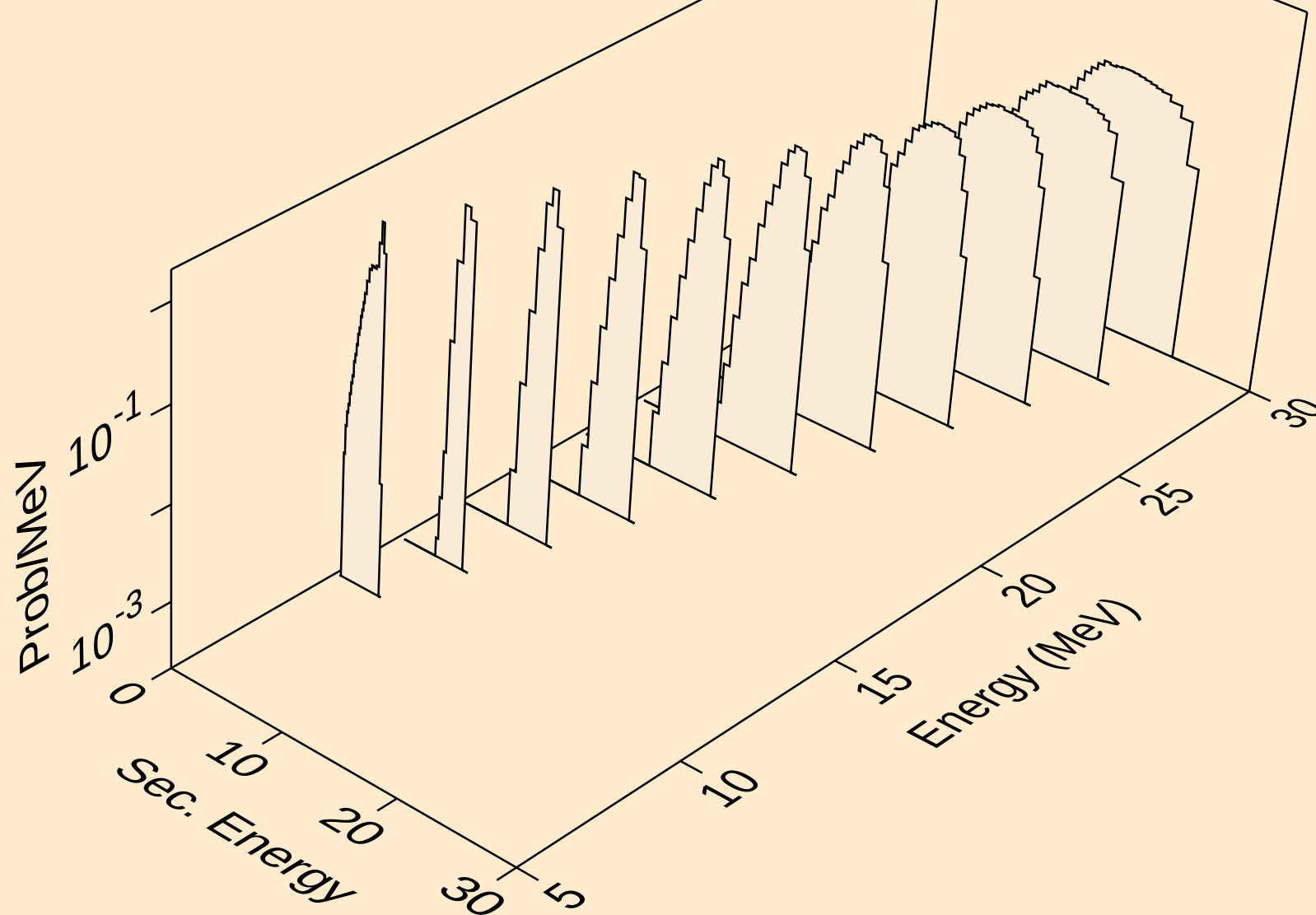


BH273 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,x)

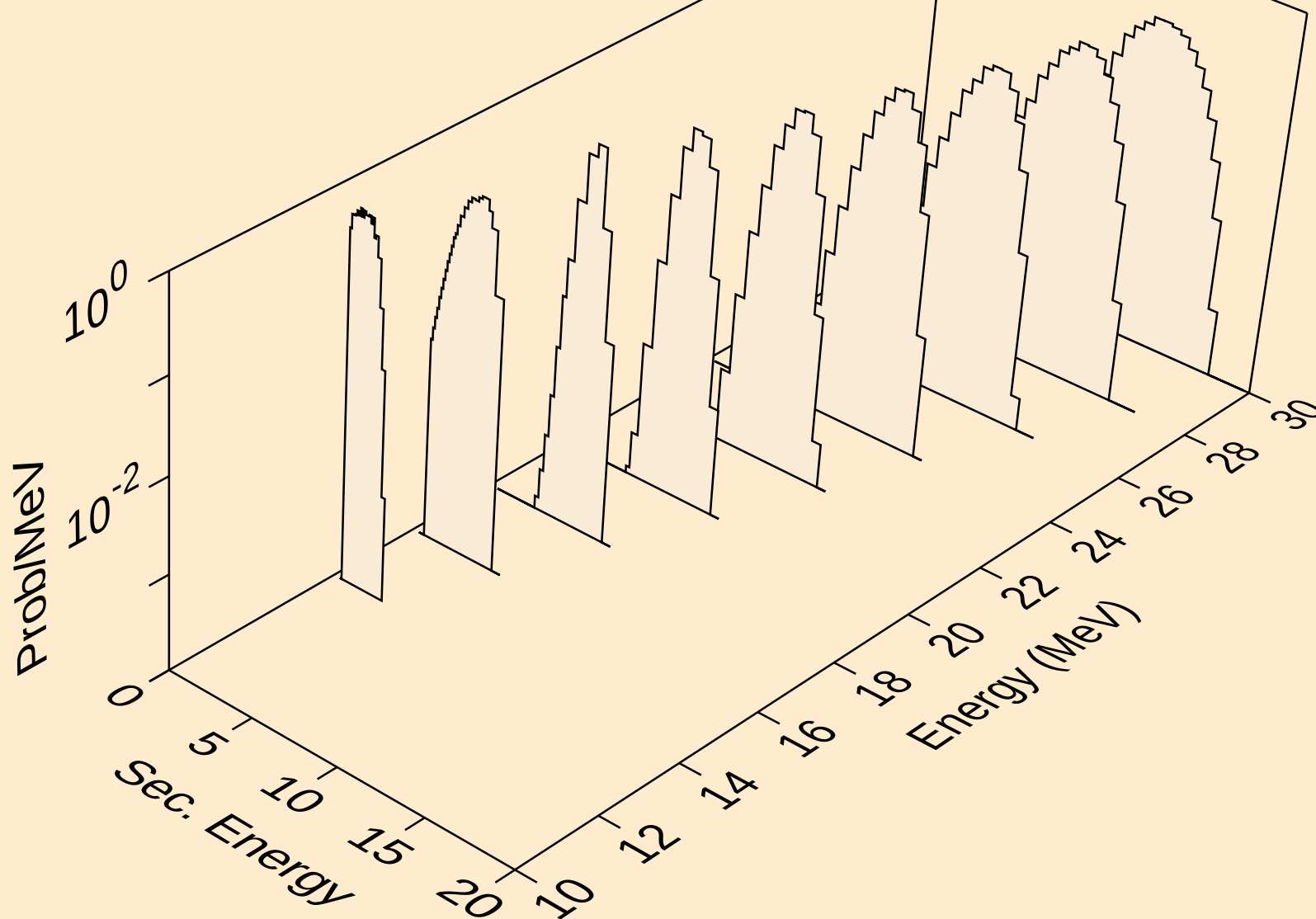


BH273 PROTON ACER TENDL-2021 LIBRARY; T=0.K

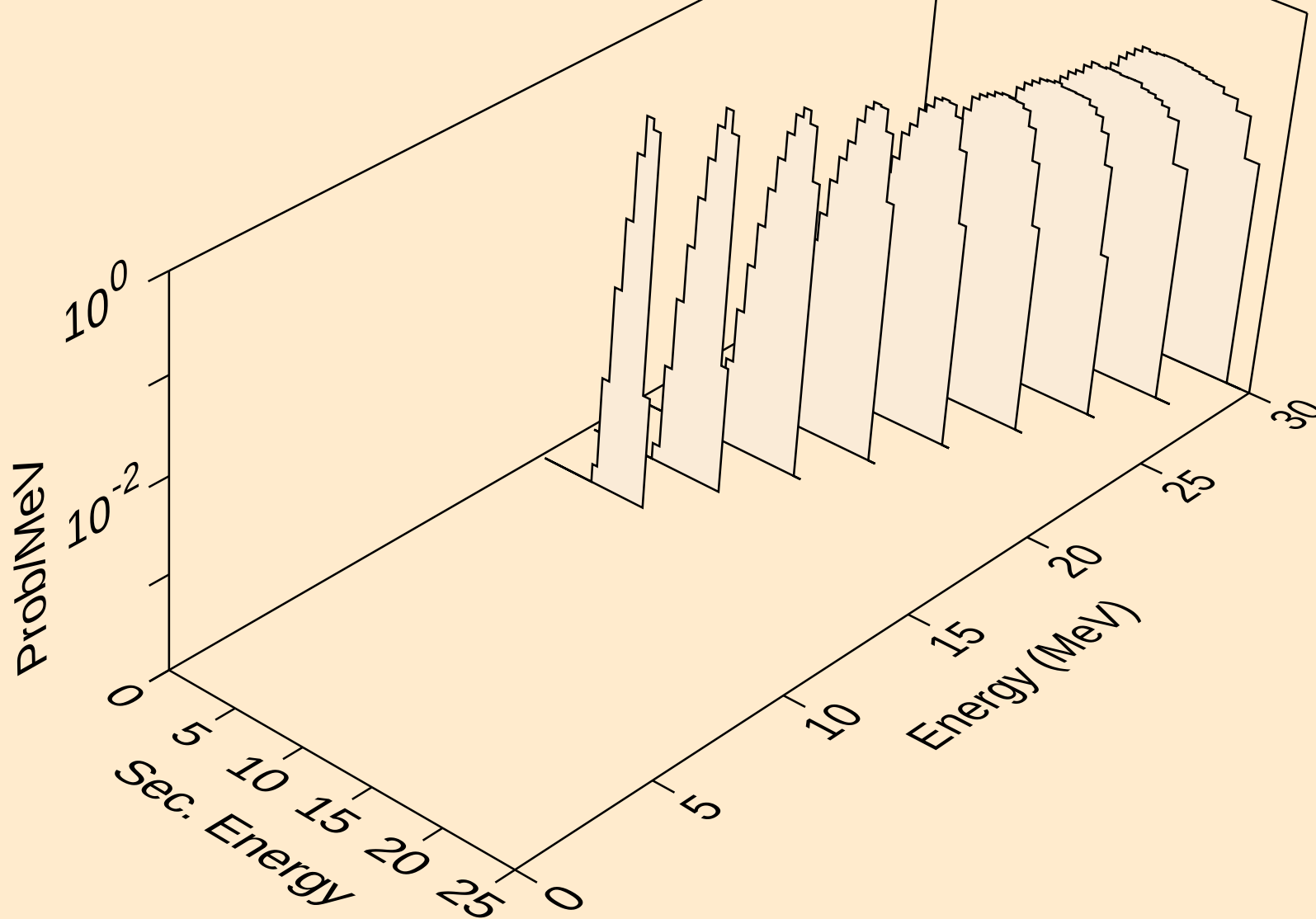
Proton emission for  $(p,n^*)p$



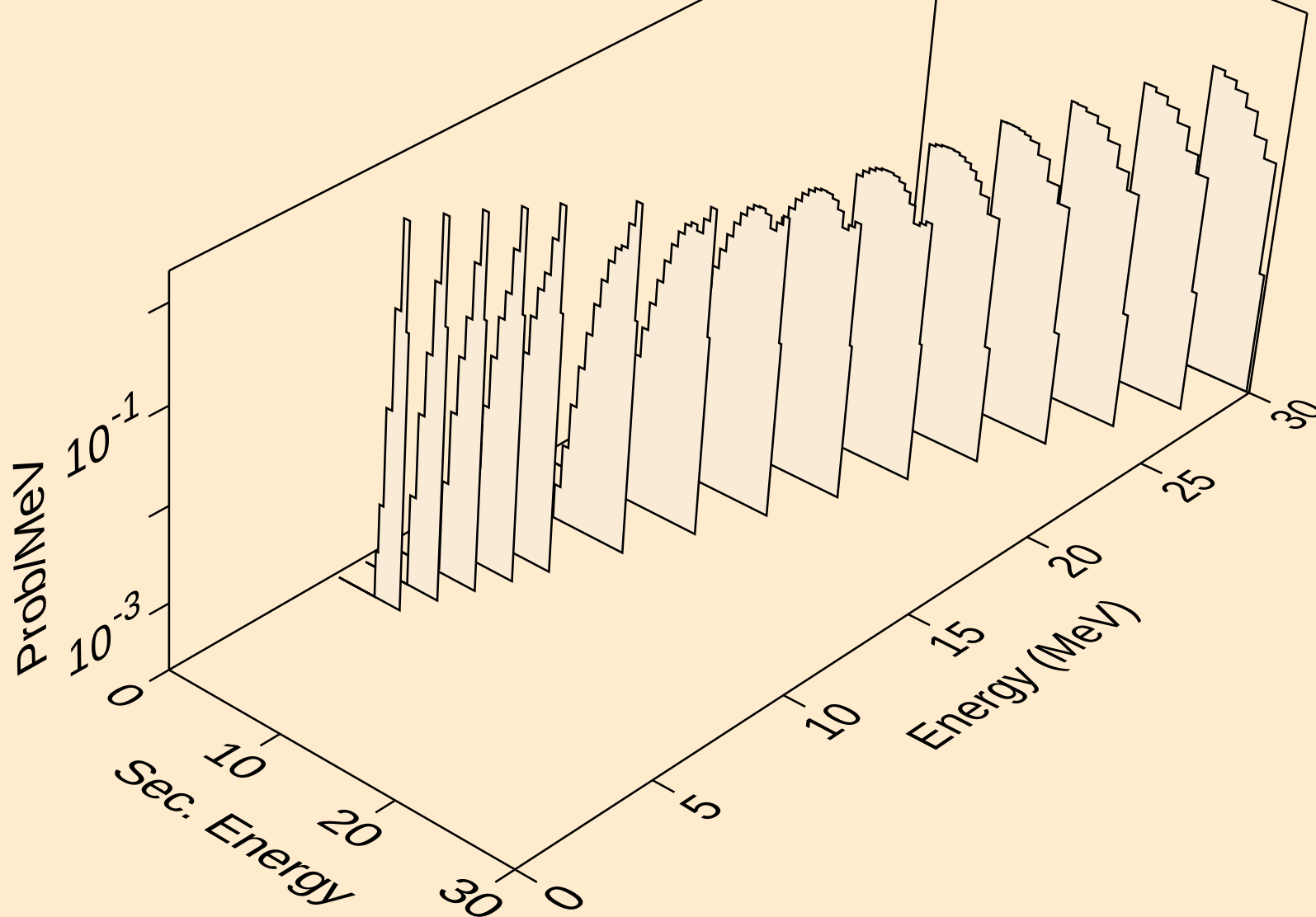
BH273 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2np)



BH273 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,npa)

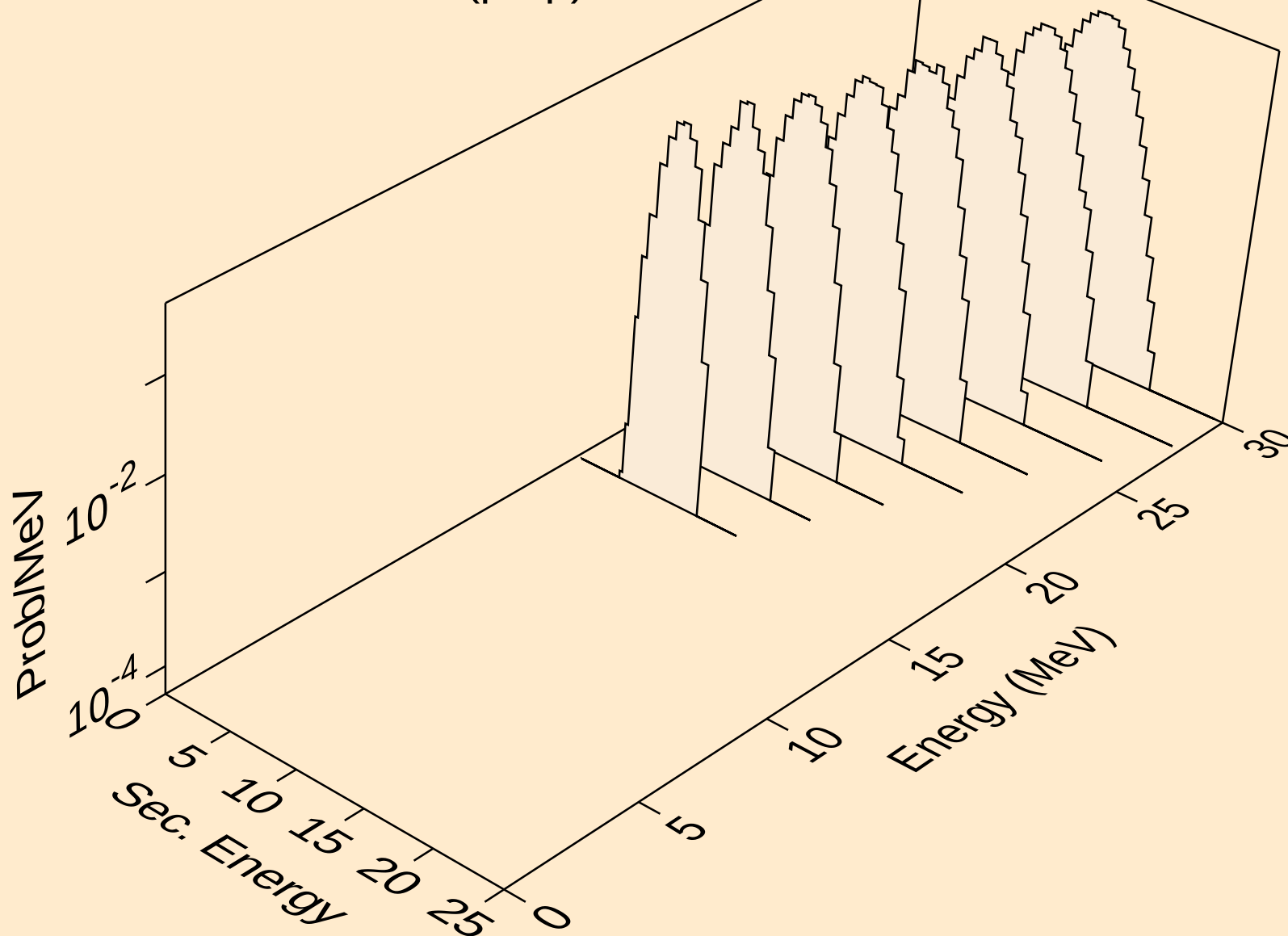


BH273 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for inelastic

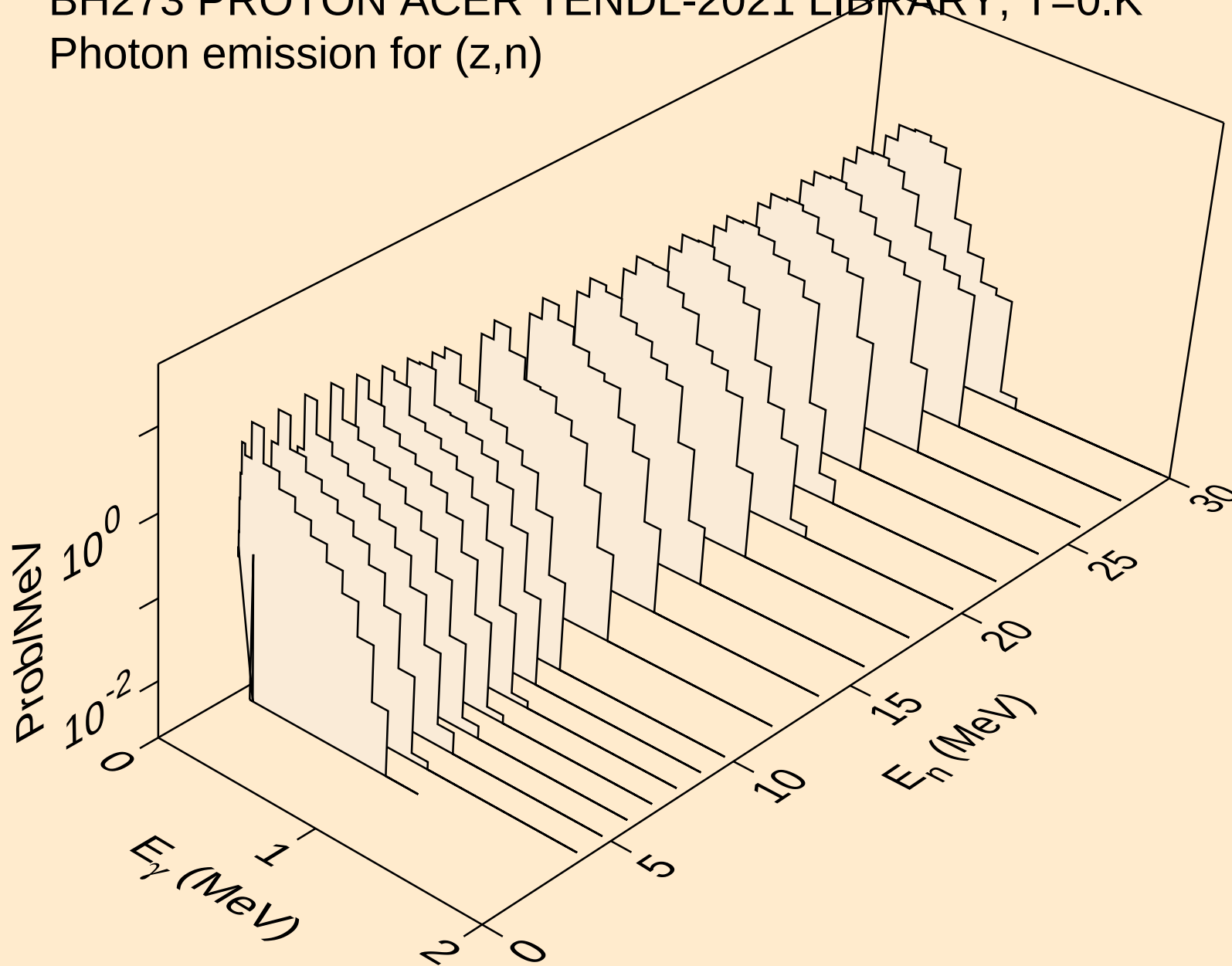


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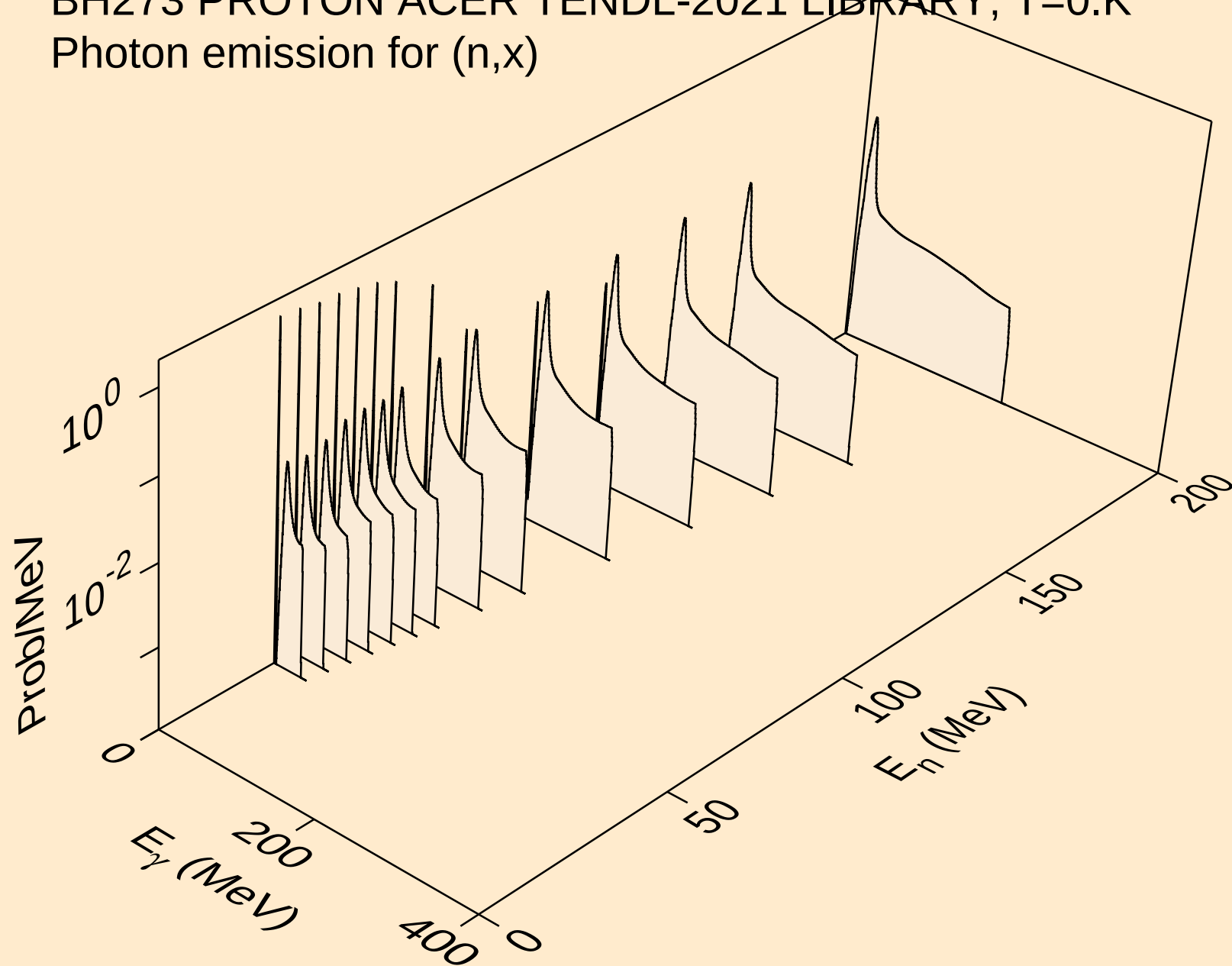
Proton emission for (p,2p)



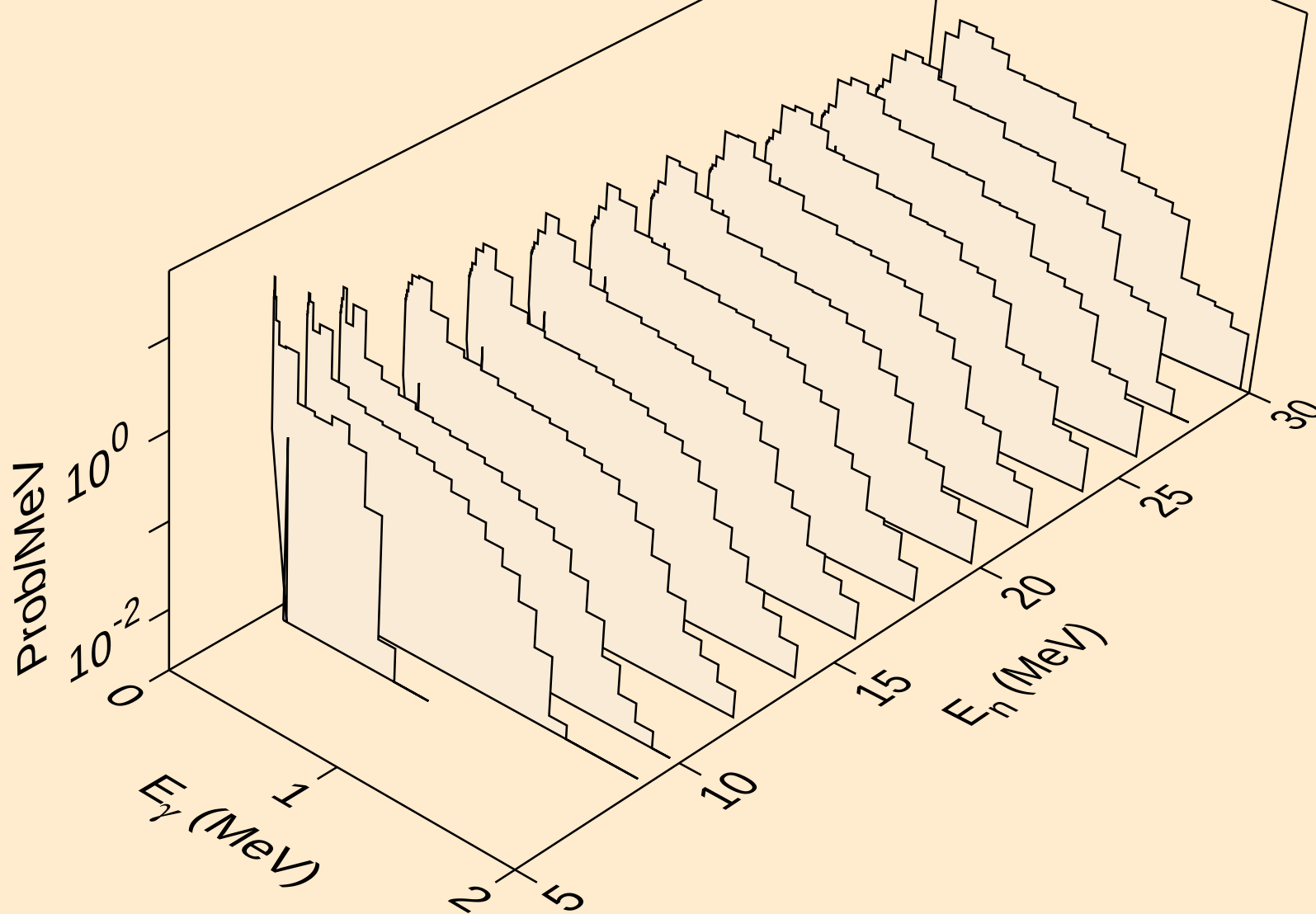
BH273 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



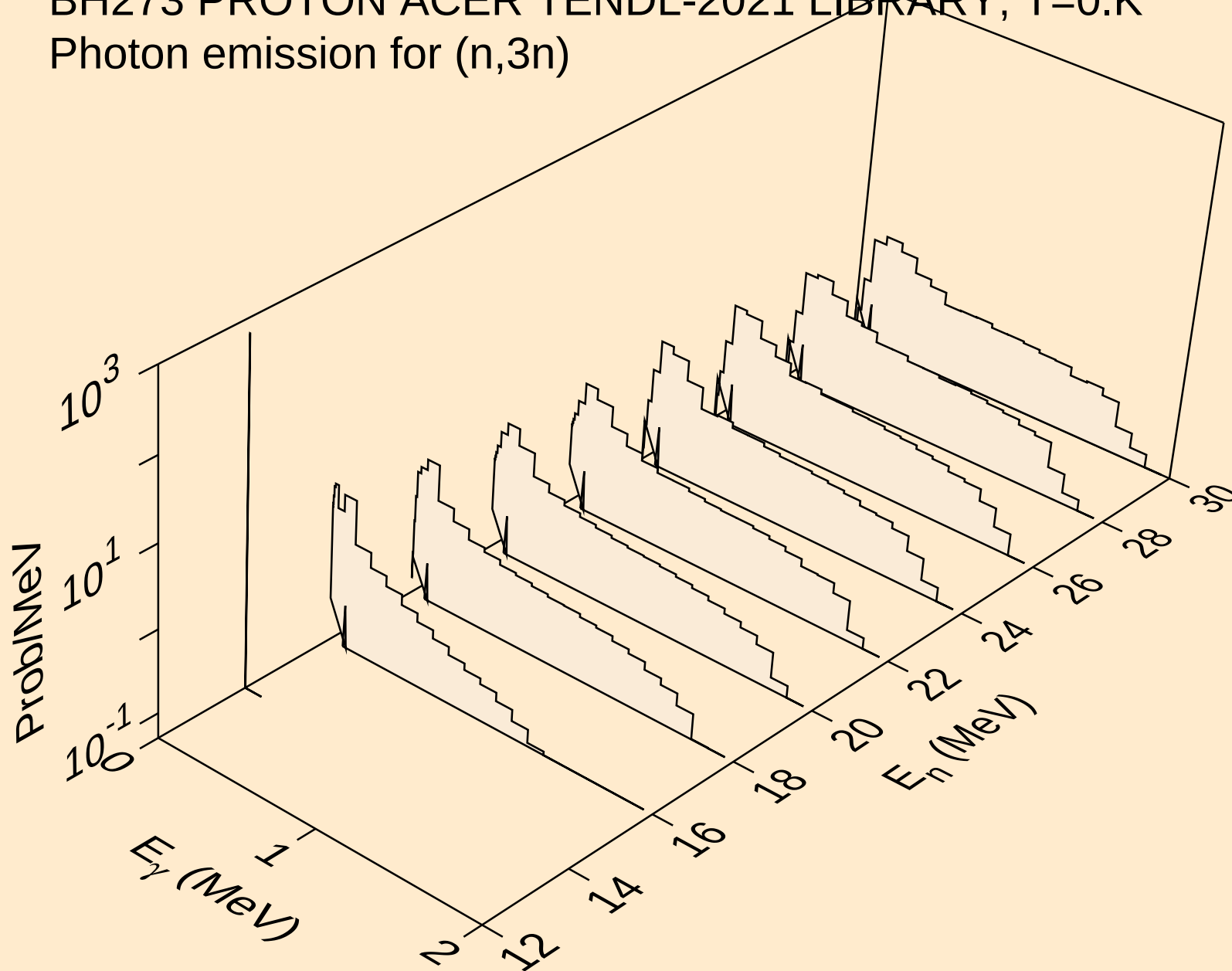
BH273 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



BH273 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)

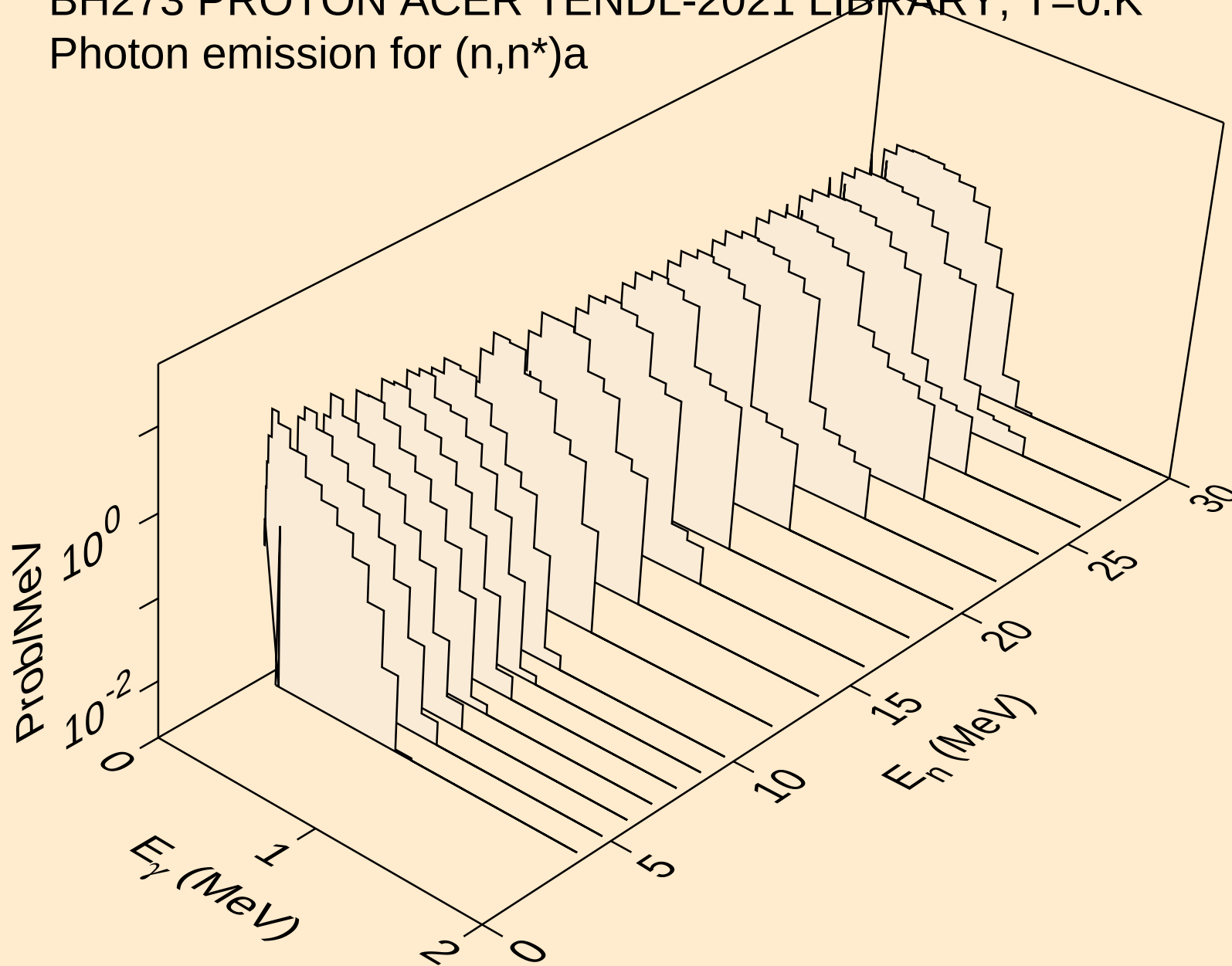


BH273 PROTON ACER TENDL-2021 LIBRARY;  $T=0.K$   
Photon emission for (n,3n)



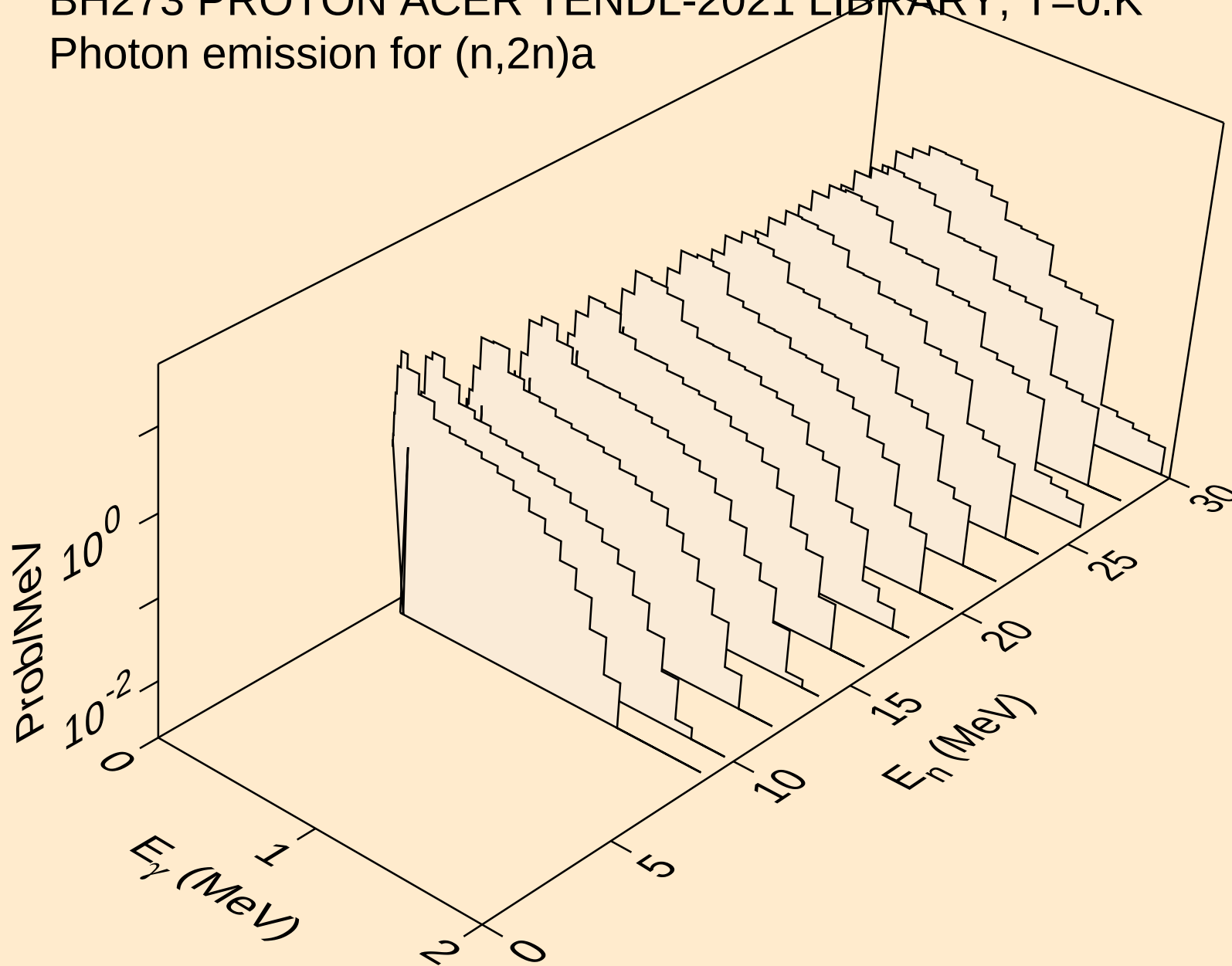
BH273 PROTON ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,n\*)a



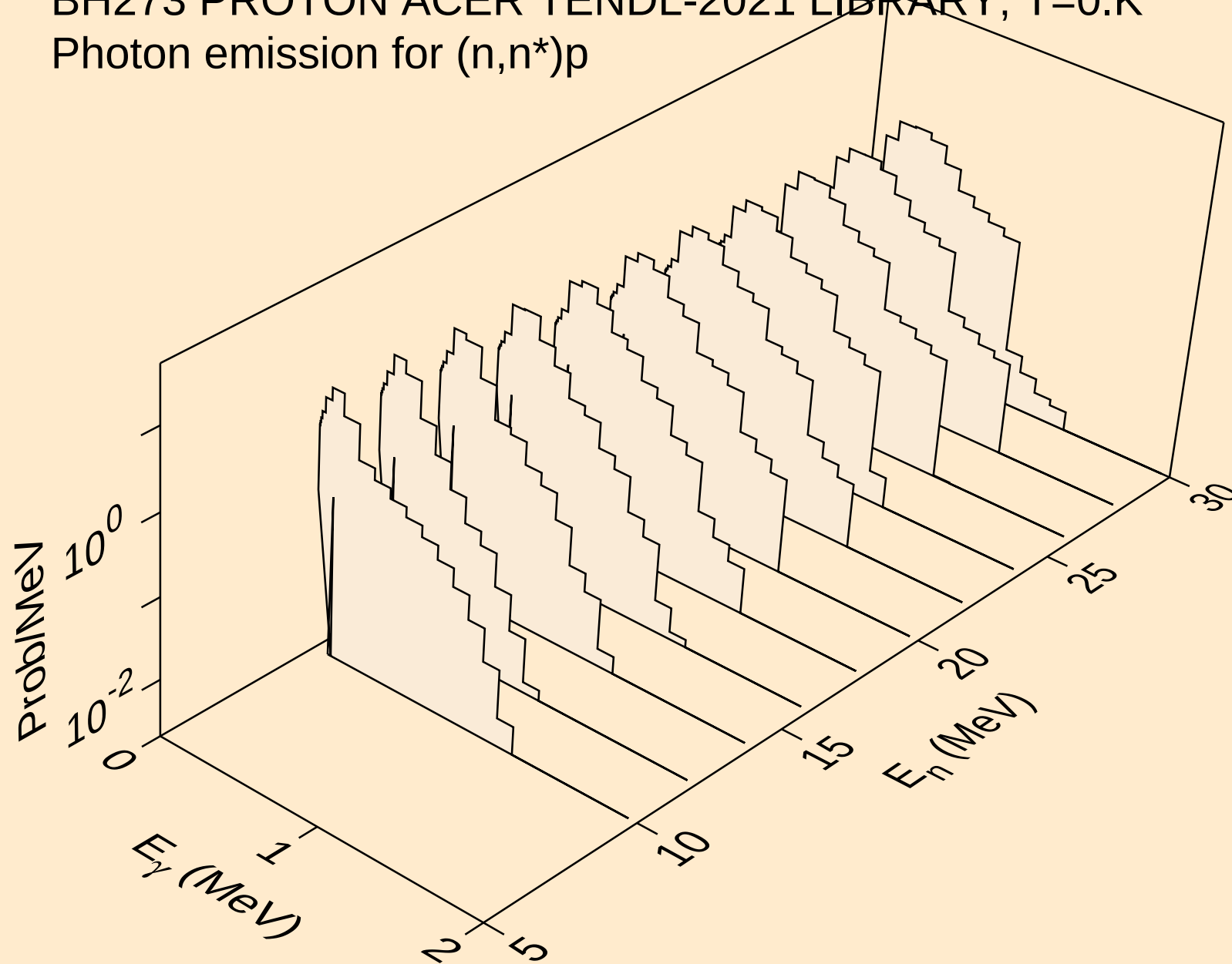
BH273 PROTON ACER TENDL-2021 LIBRARY; T=0.K

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



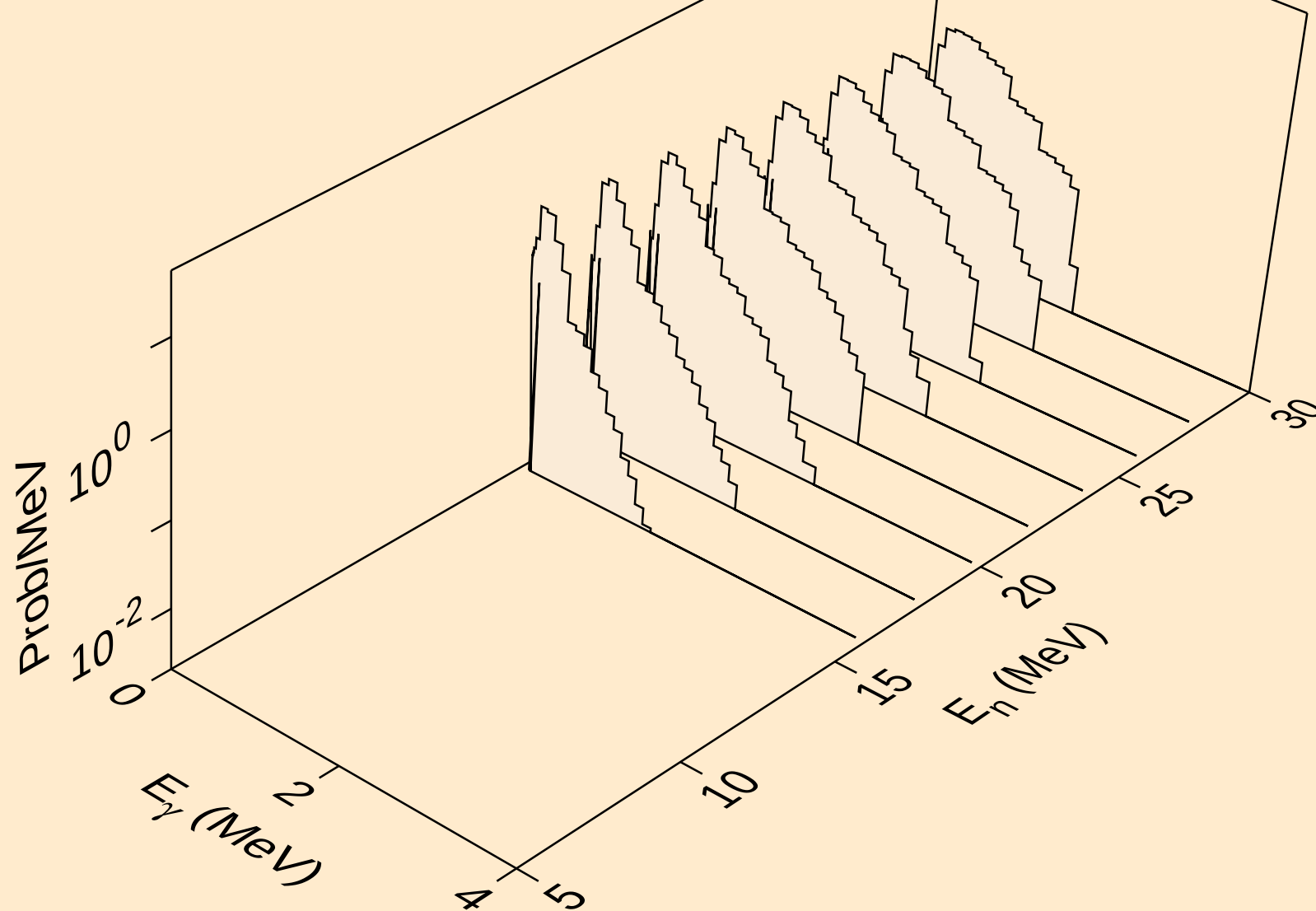
BH273 PROTON ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,n\*)p



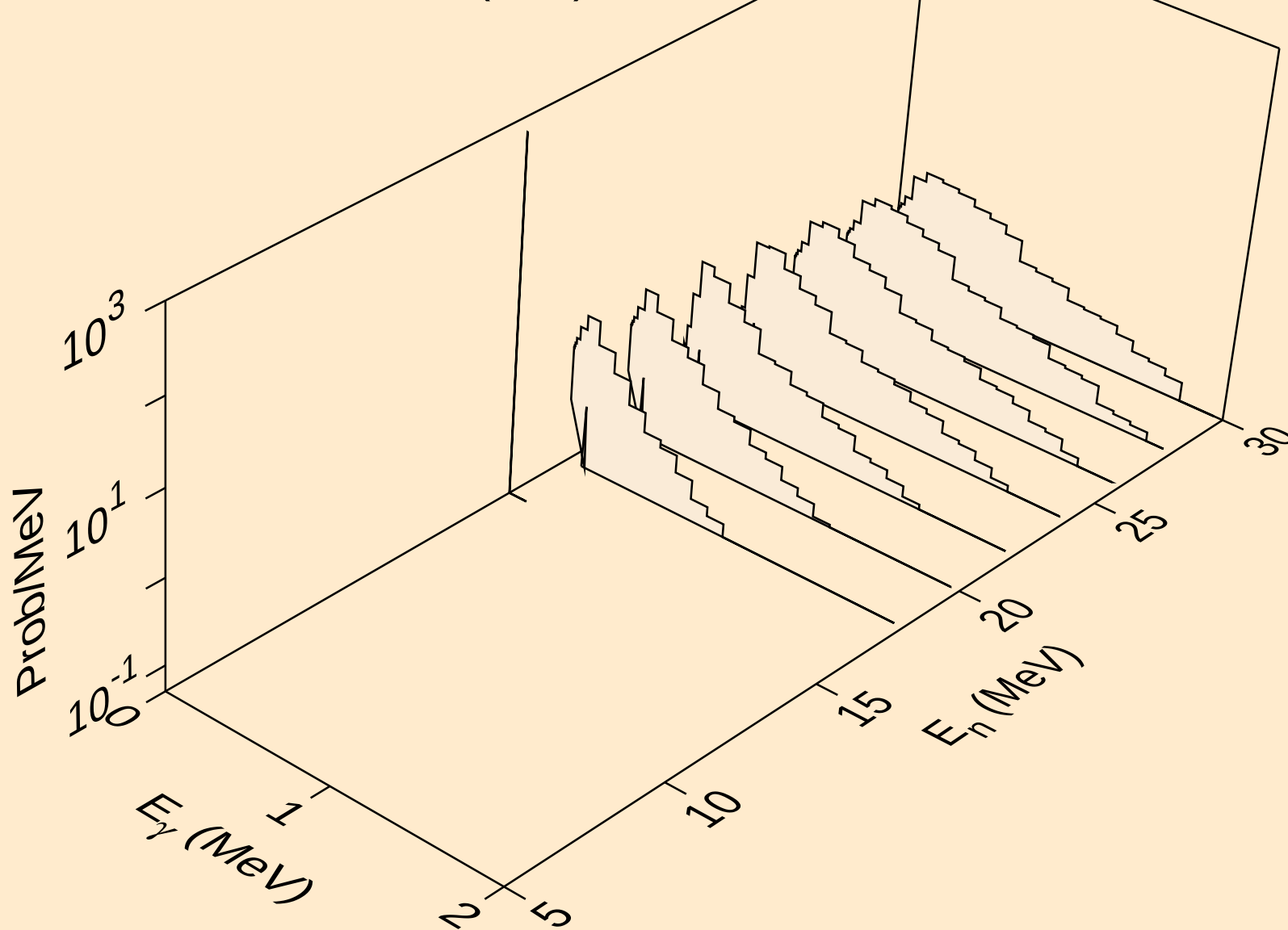
BH273 PROTON ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,n\*)d

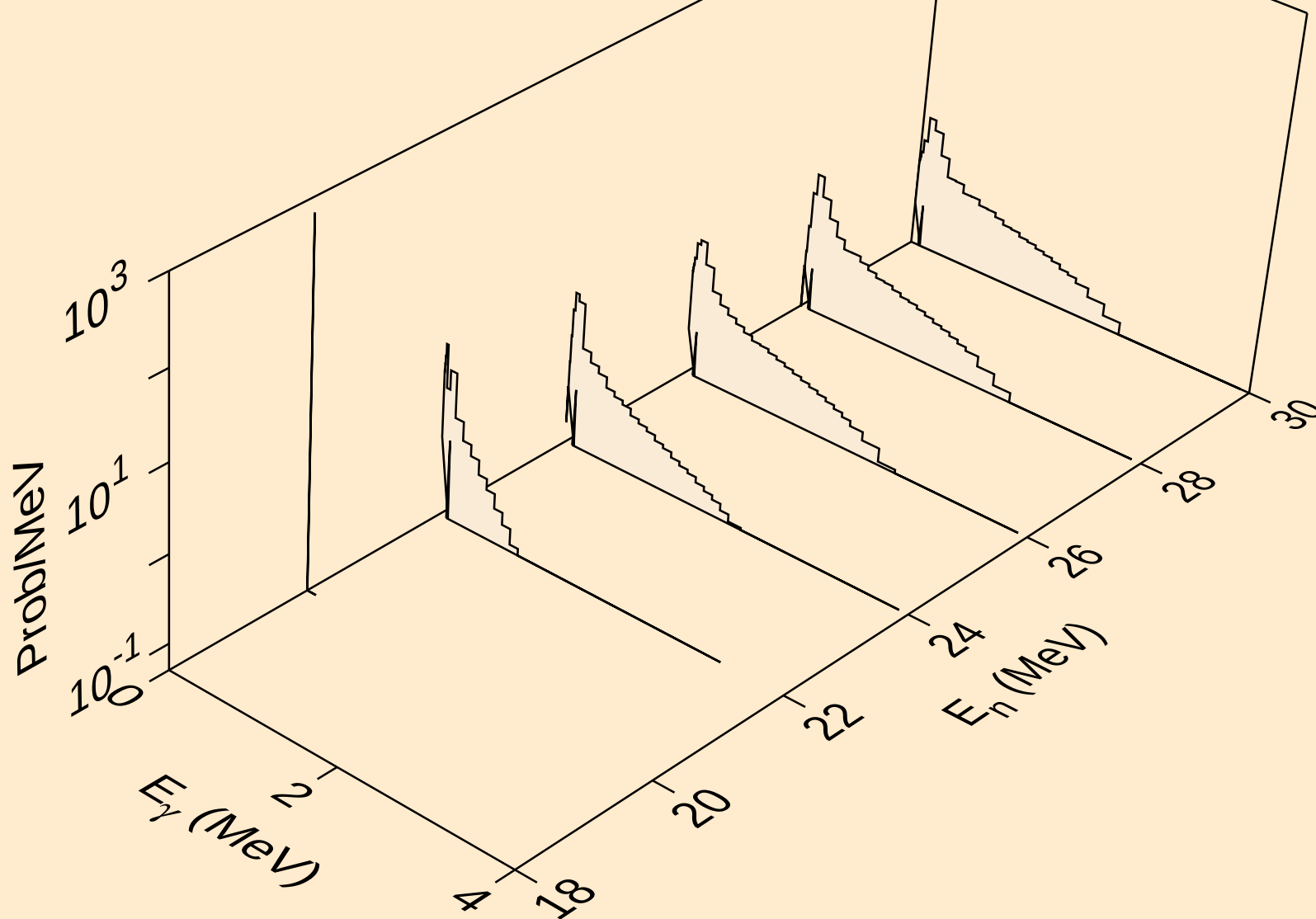


BH273 PROTON ACER TENDL-2021 LIBRARY; T=0.K

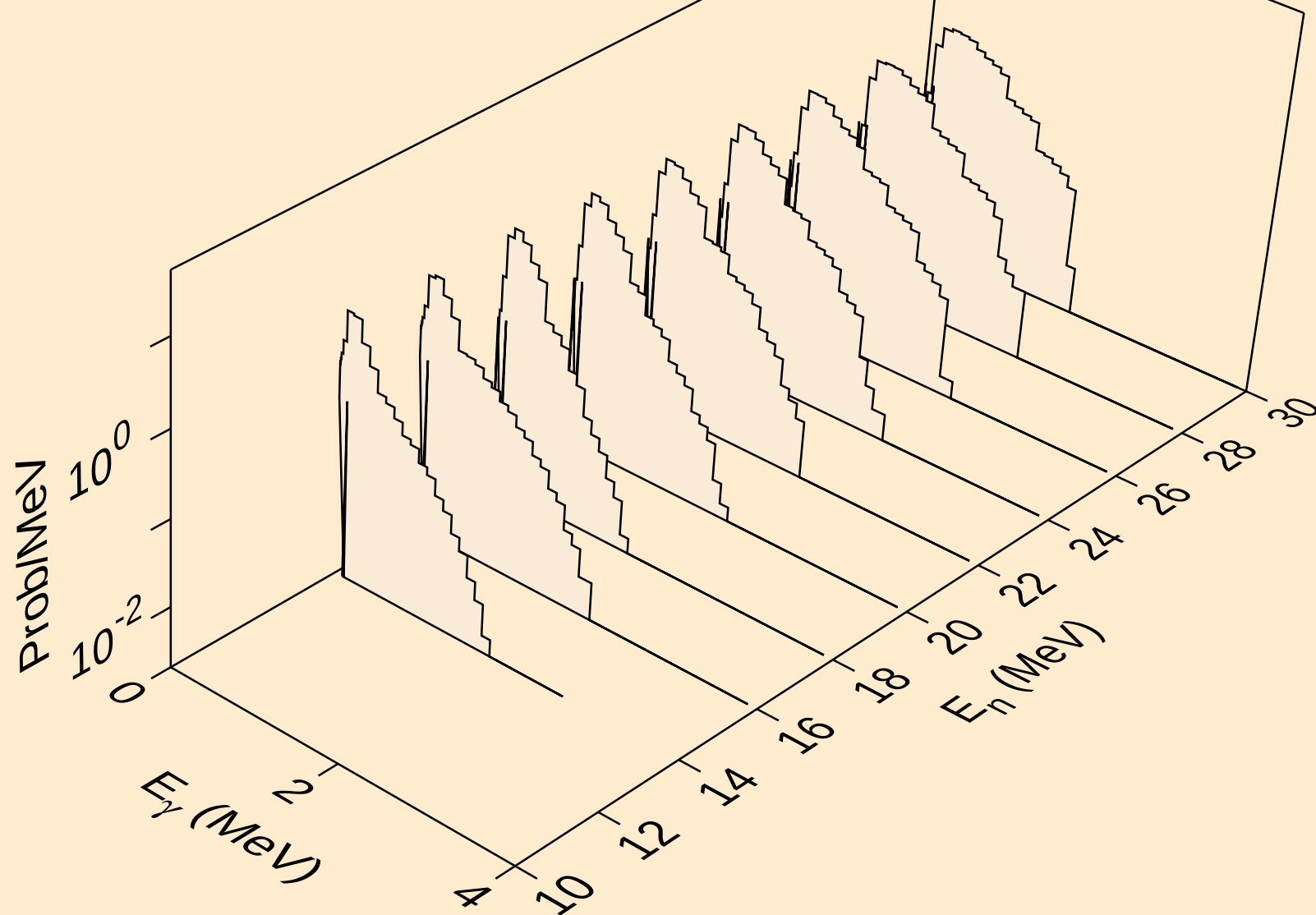
Photon emission for (n,n\*)t



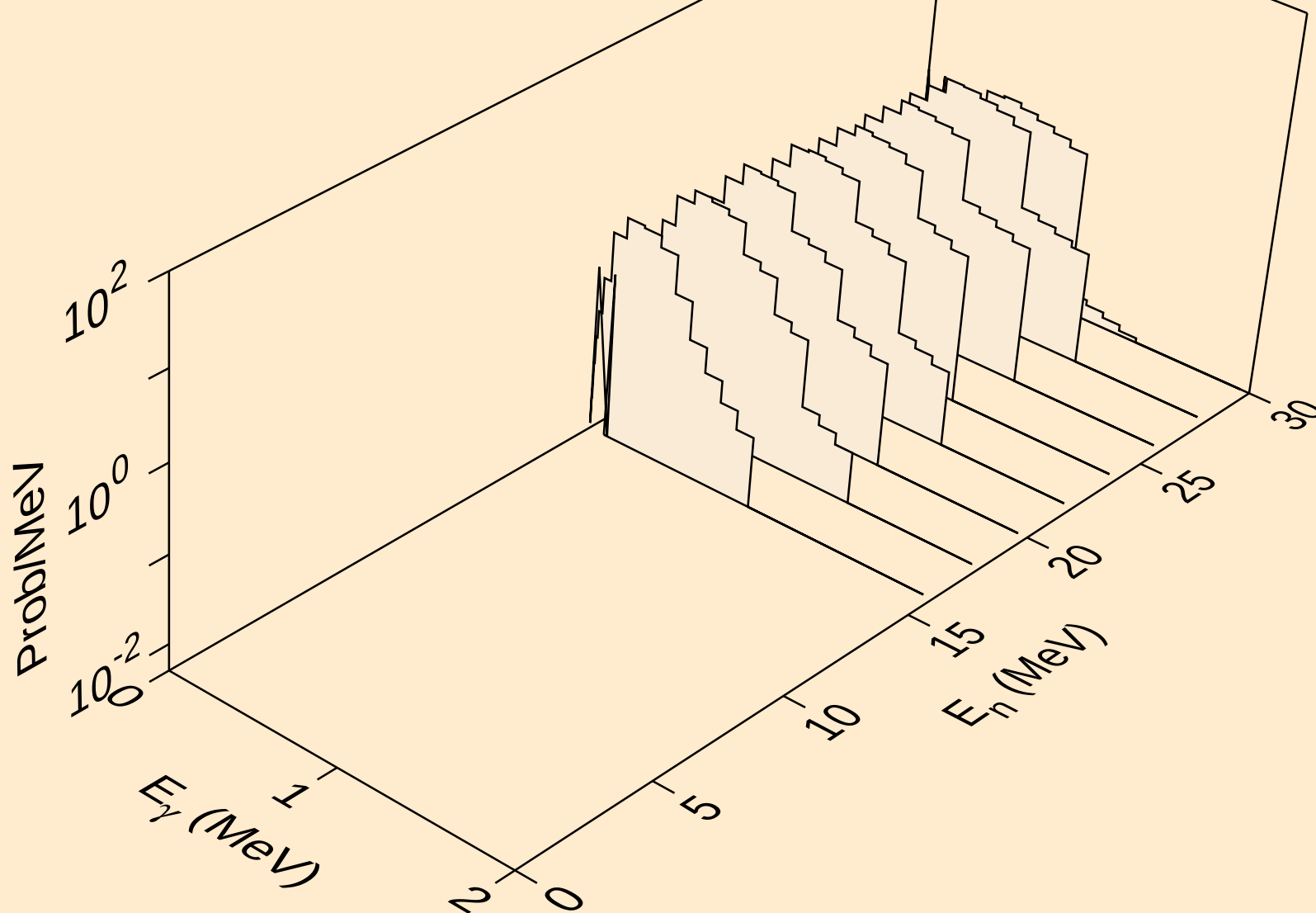
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Photon emission for (n,4n)



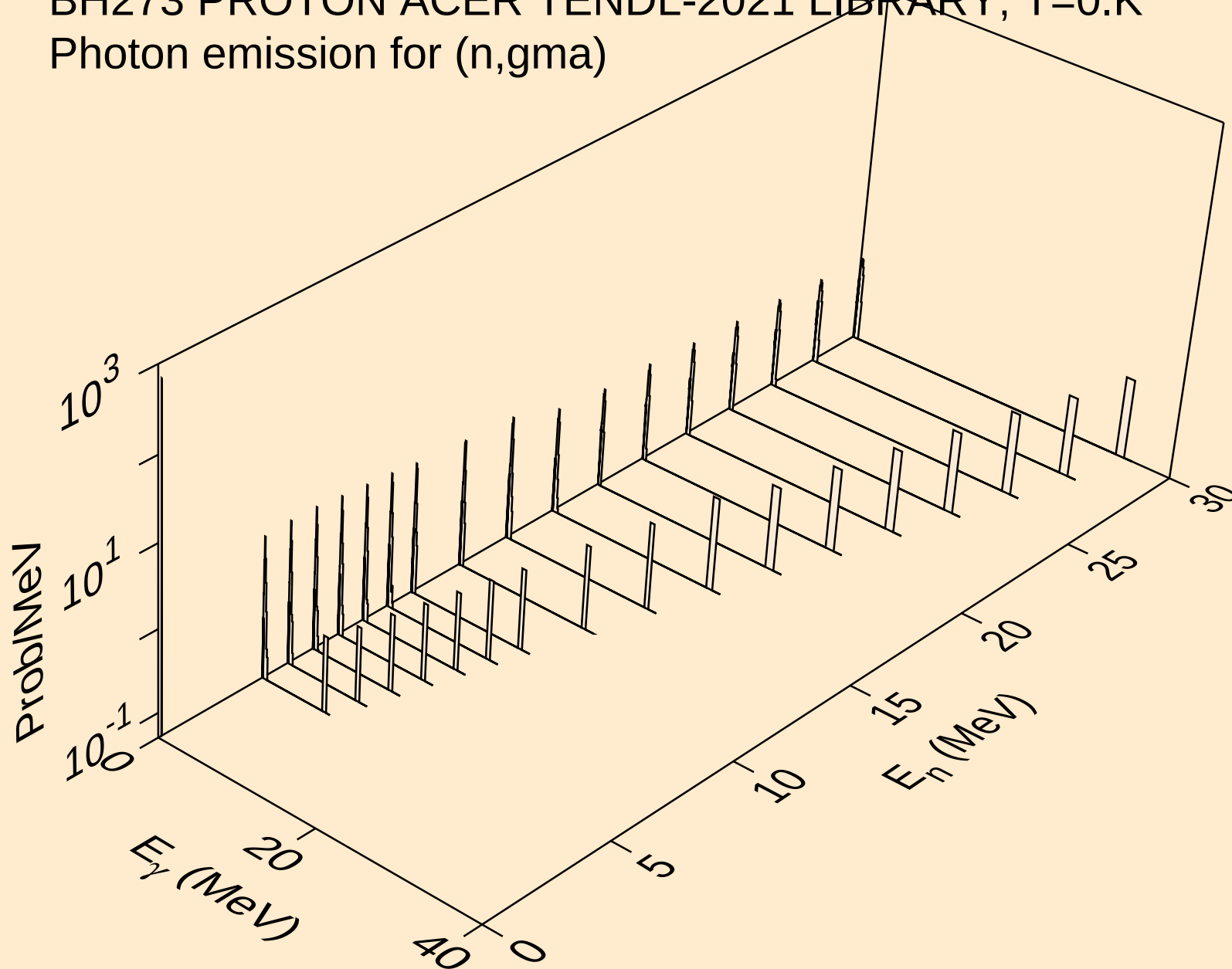
BH273 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



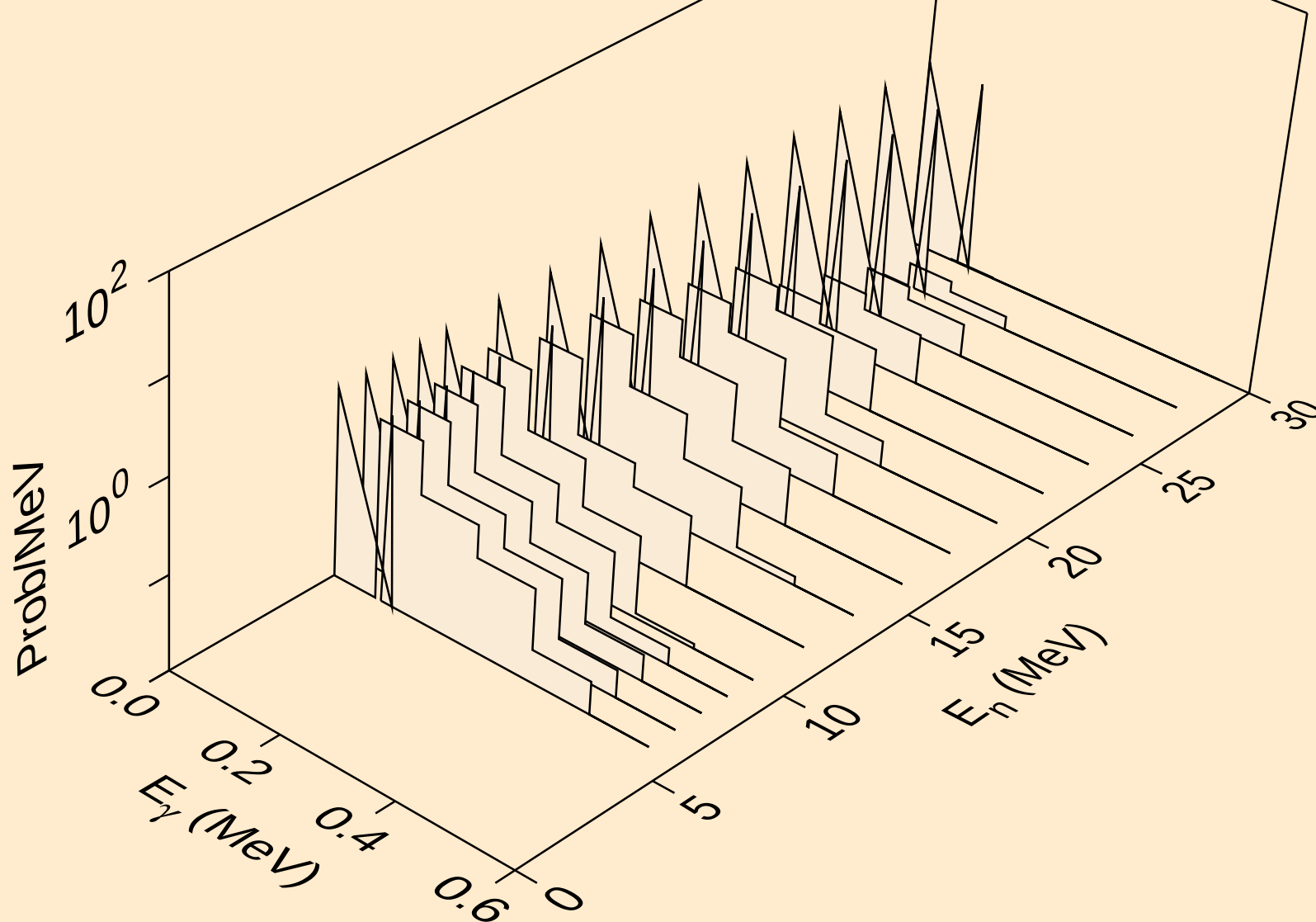
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Photon emission for (n,npa)



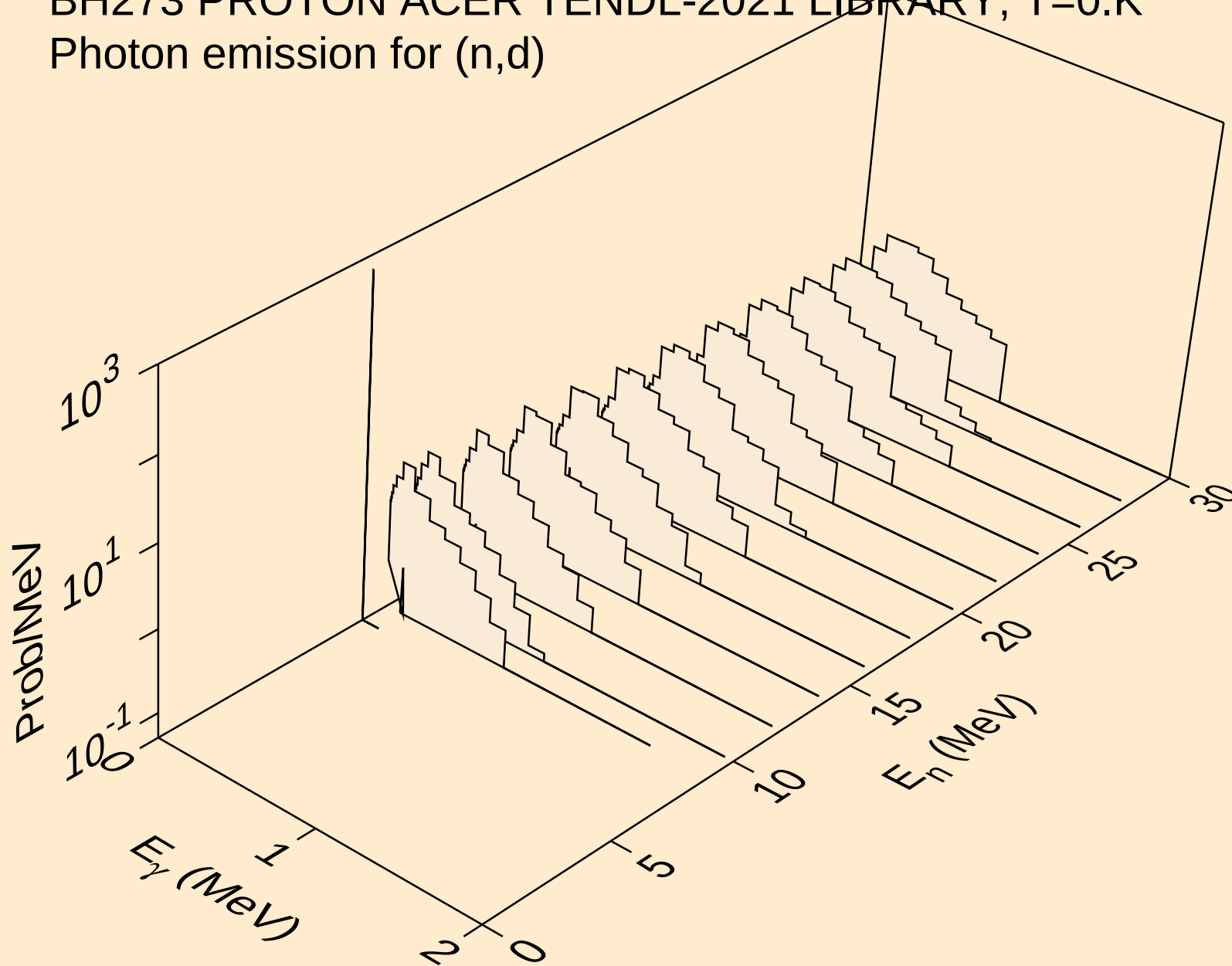
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Photon emission for (n,gma)



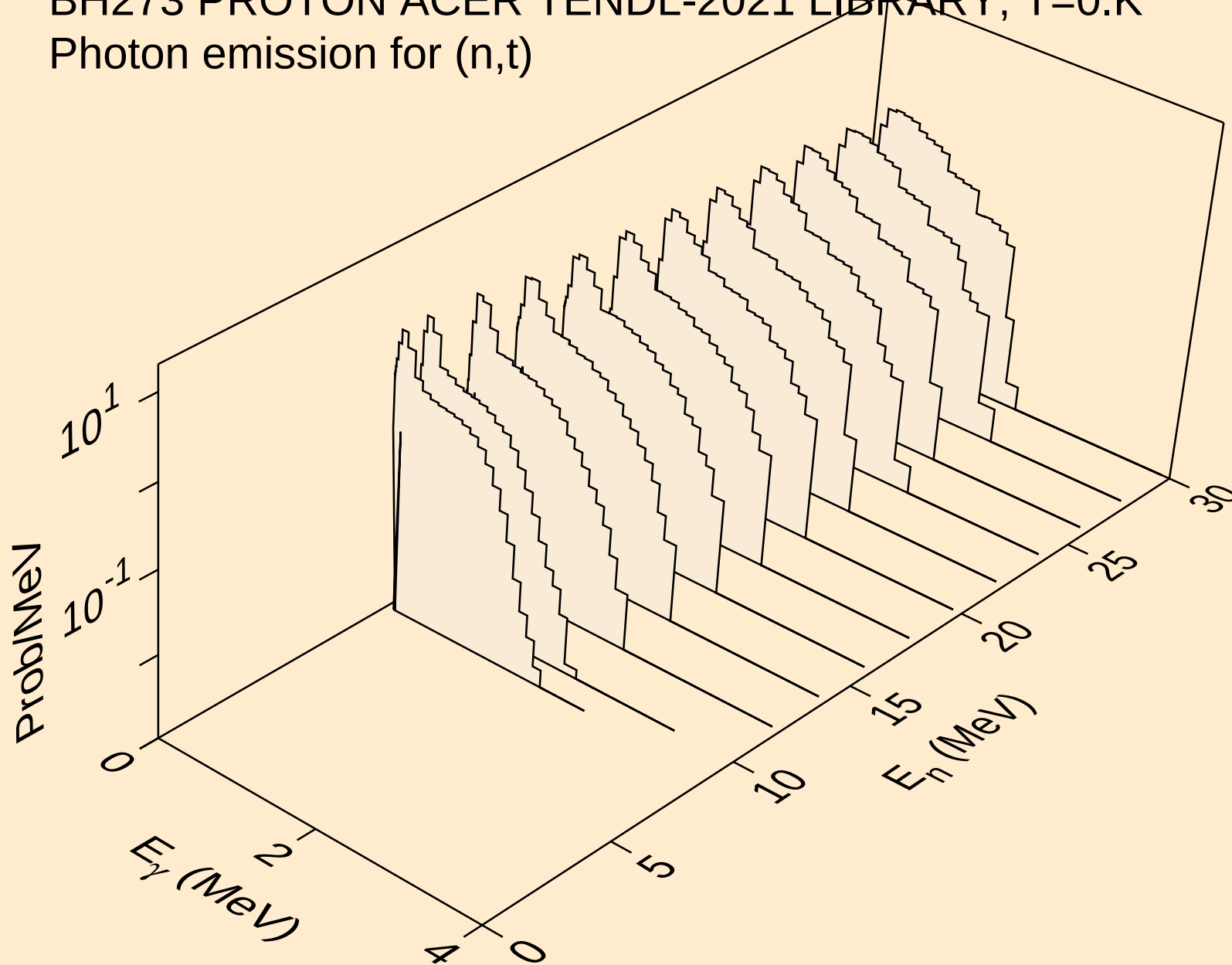
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Photon emission for inelastic



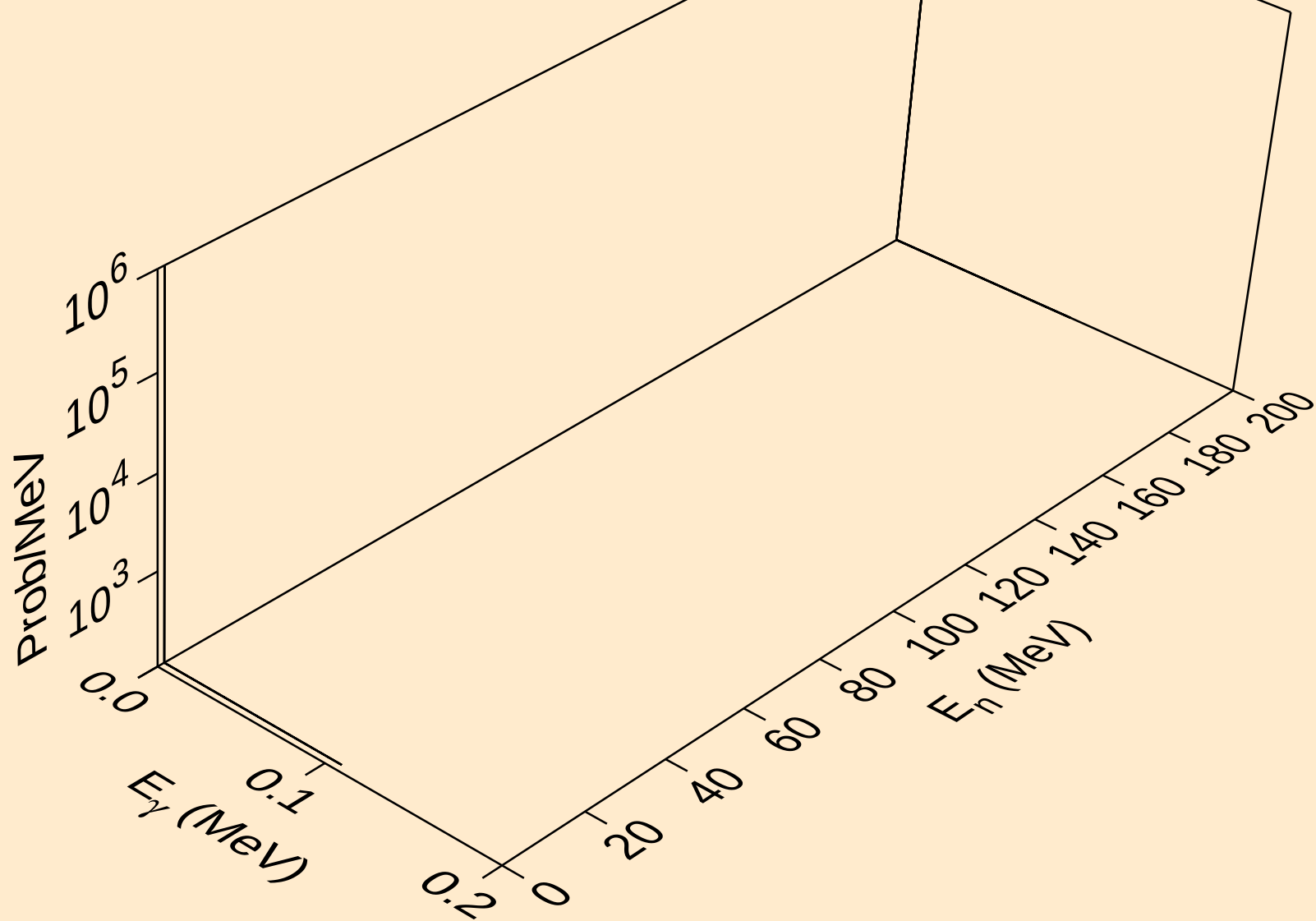
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Photon emission for (n,d)



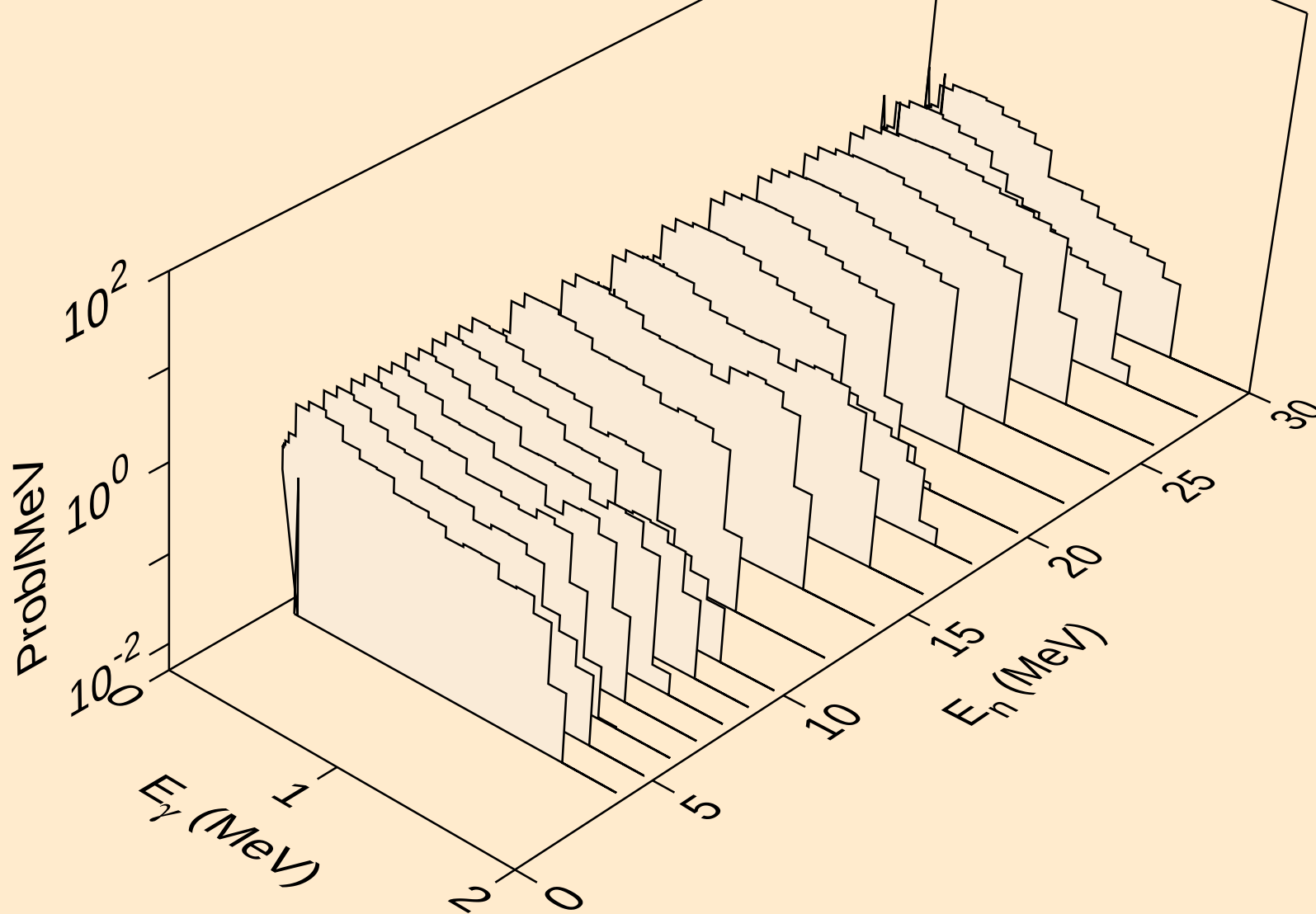
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Photon emission for (n,t)



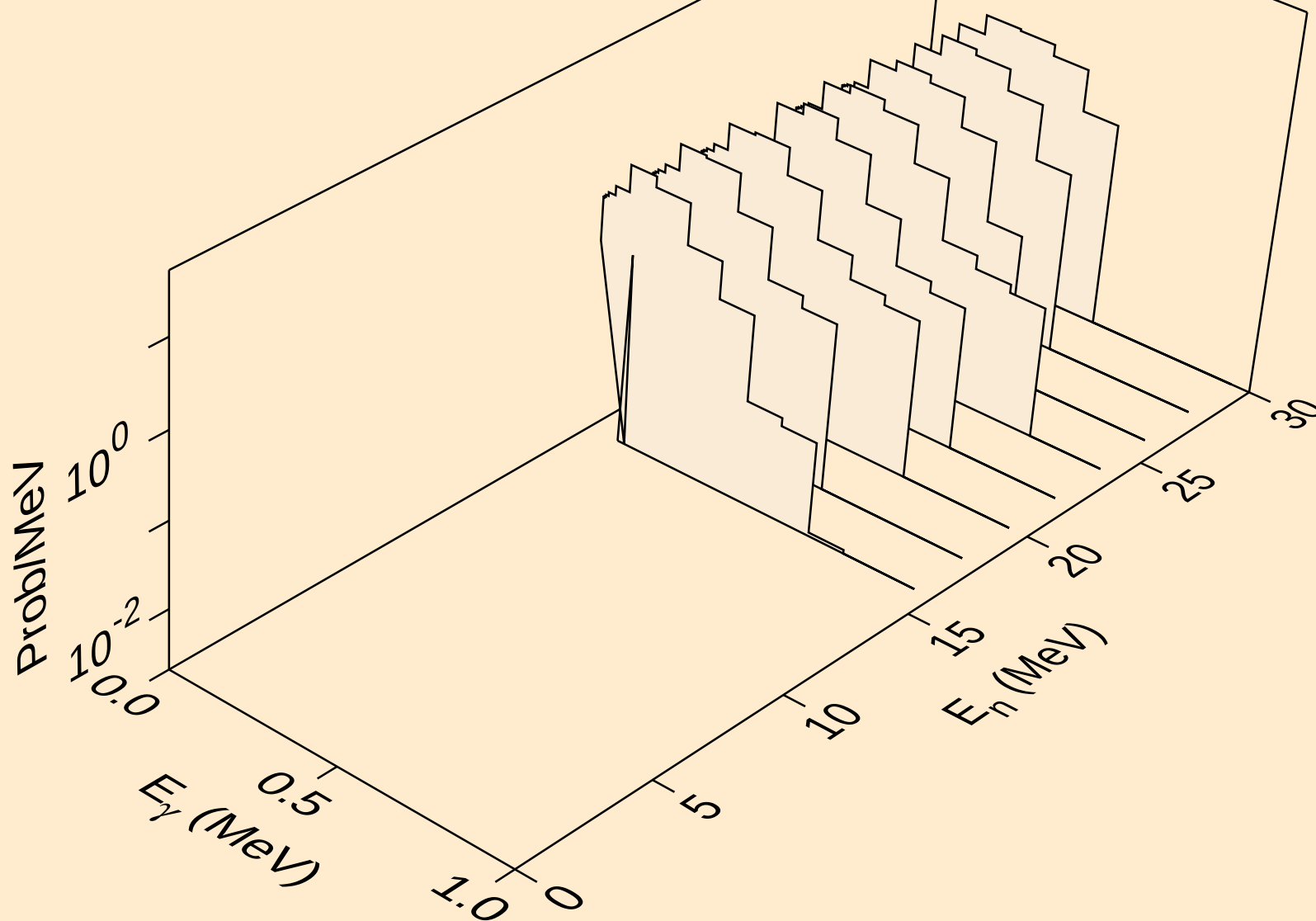
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Photon emission for (n,he3)



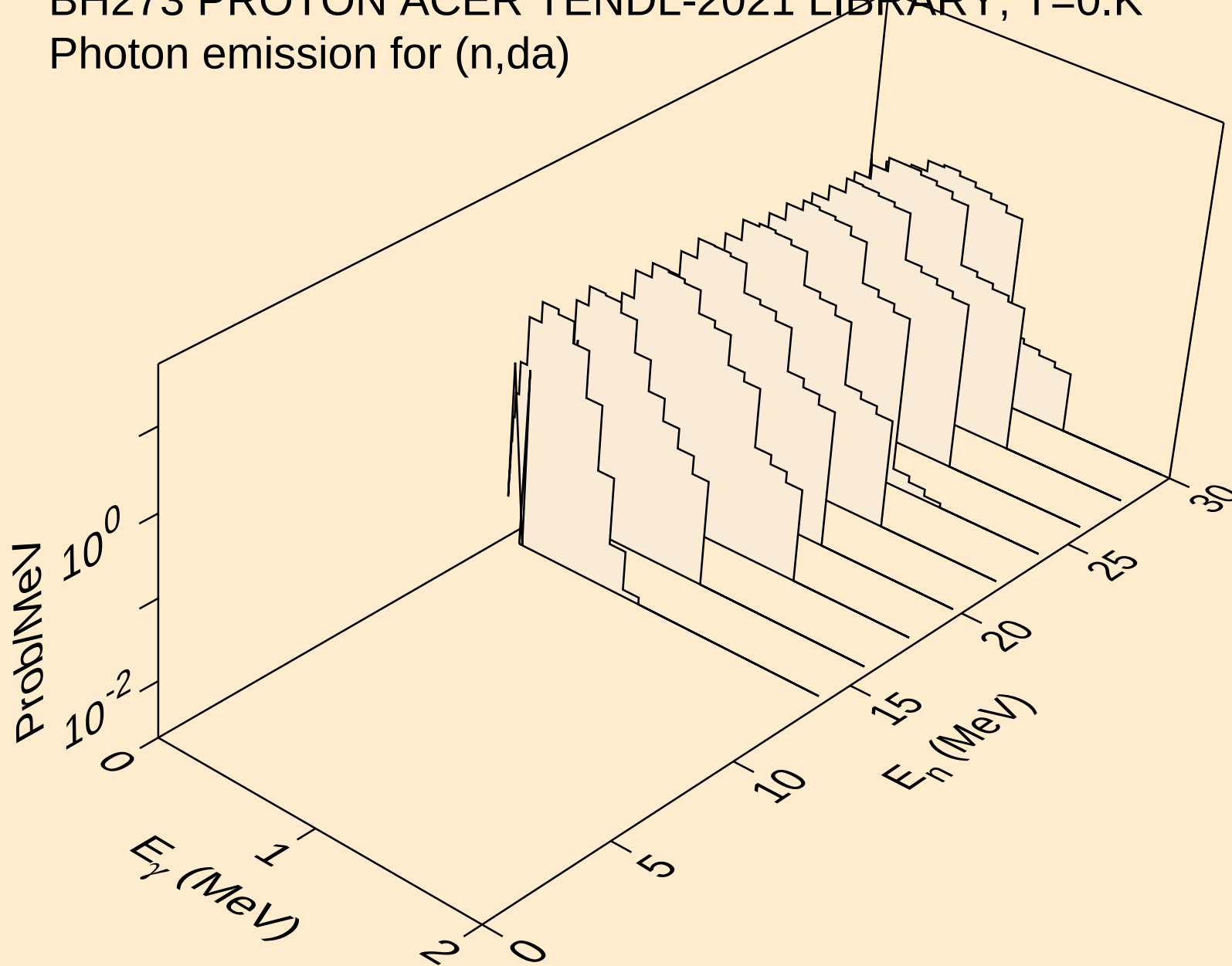
BH273 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,a)



BH273 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)

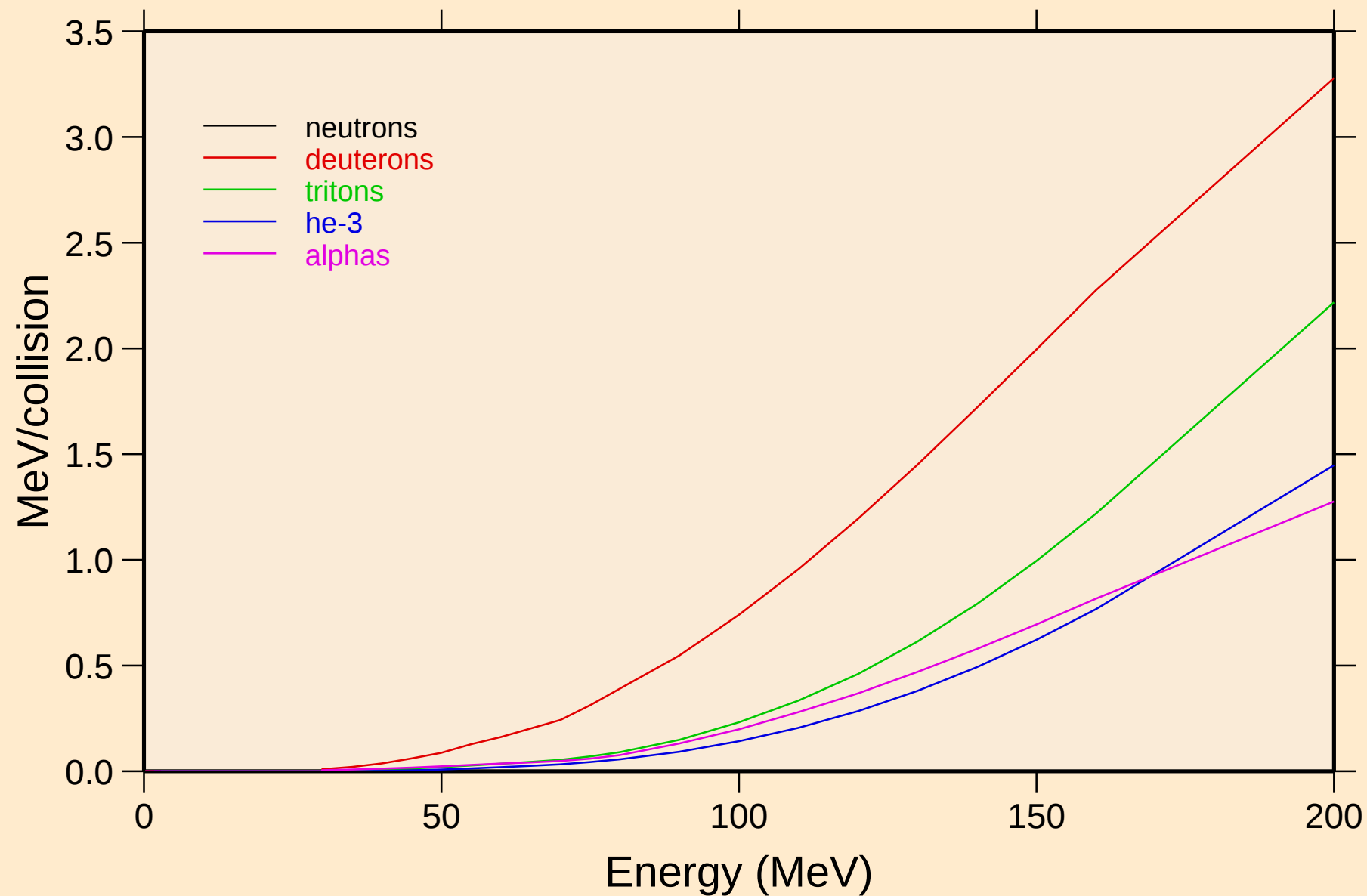


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Photon emission for (n,da)



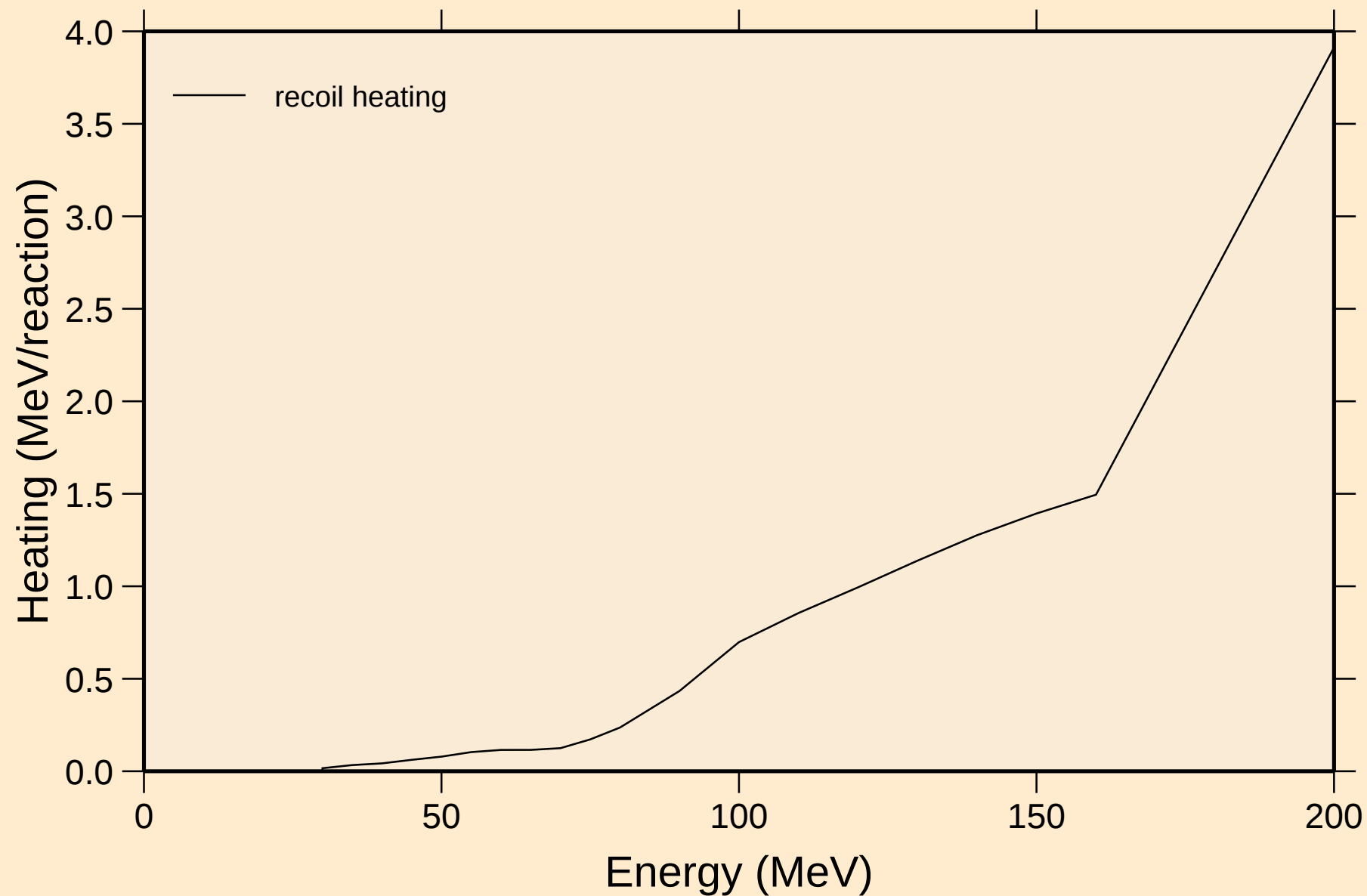
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## Particle heating contributions



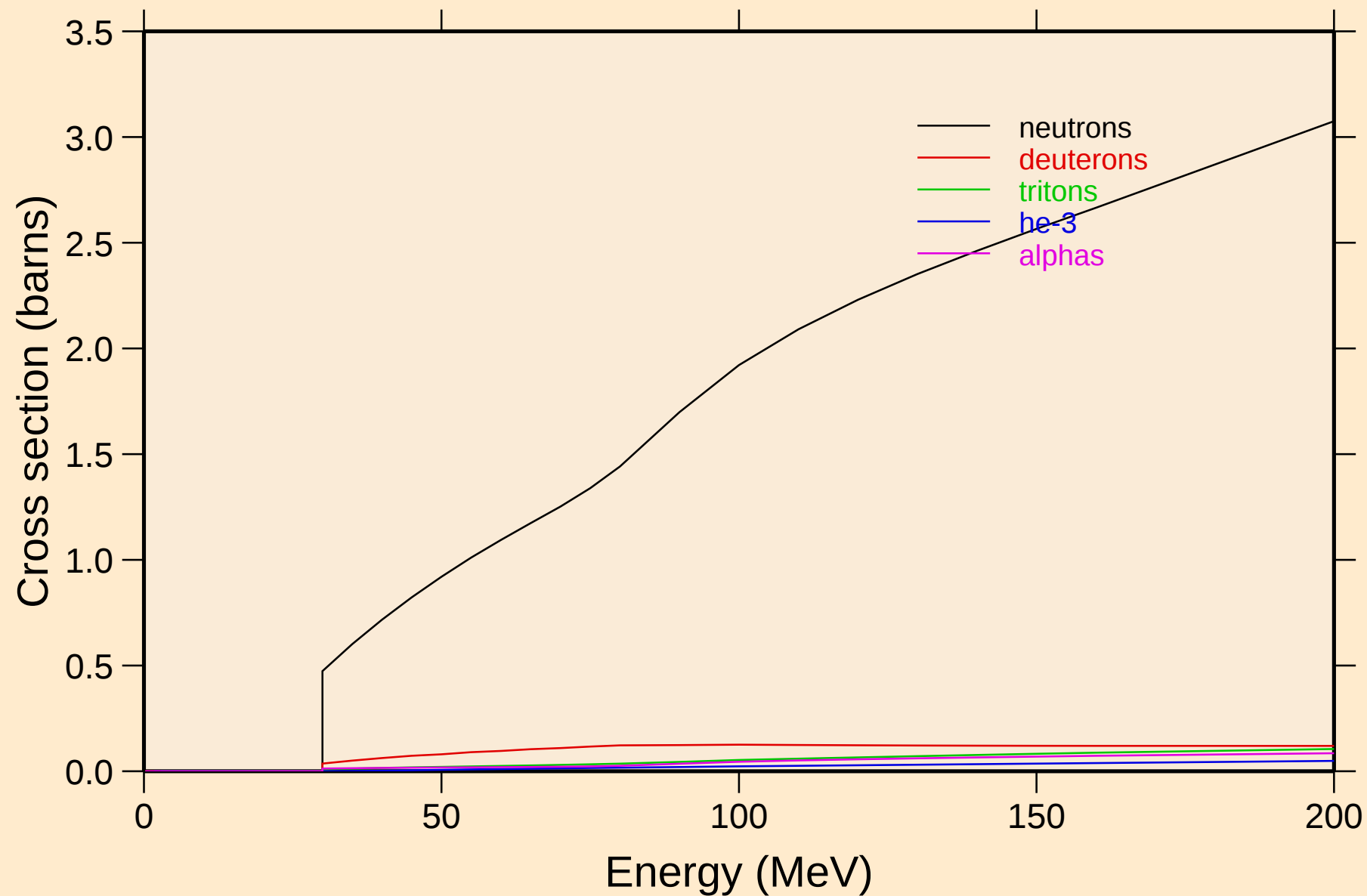
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## Recoil Heating

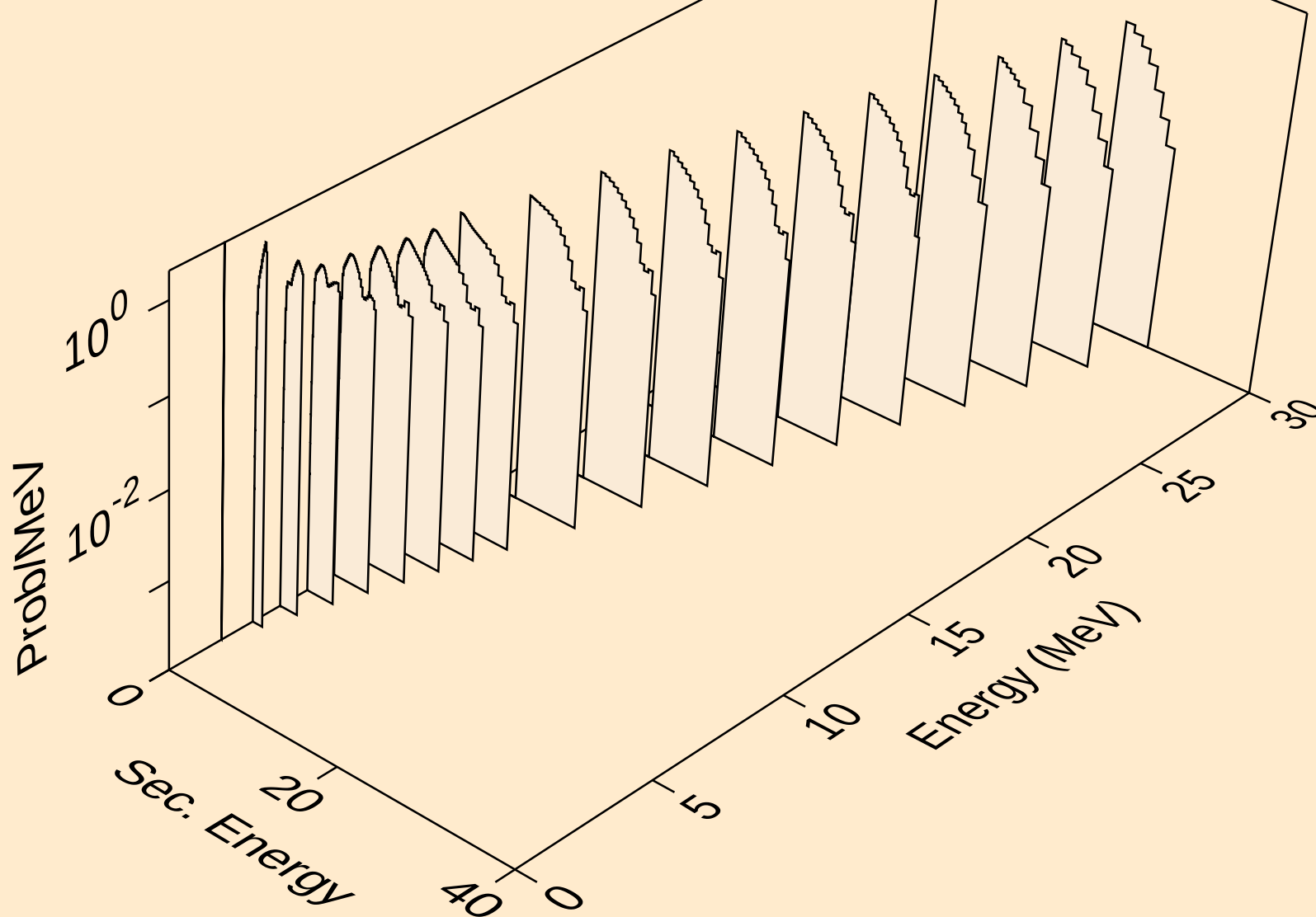


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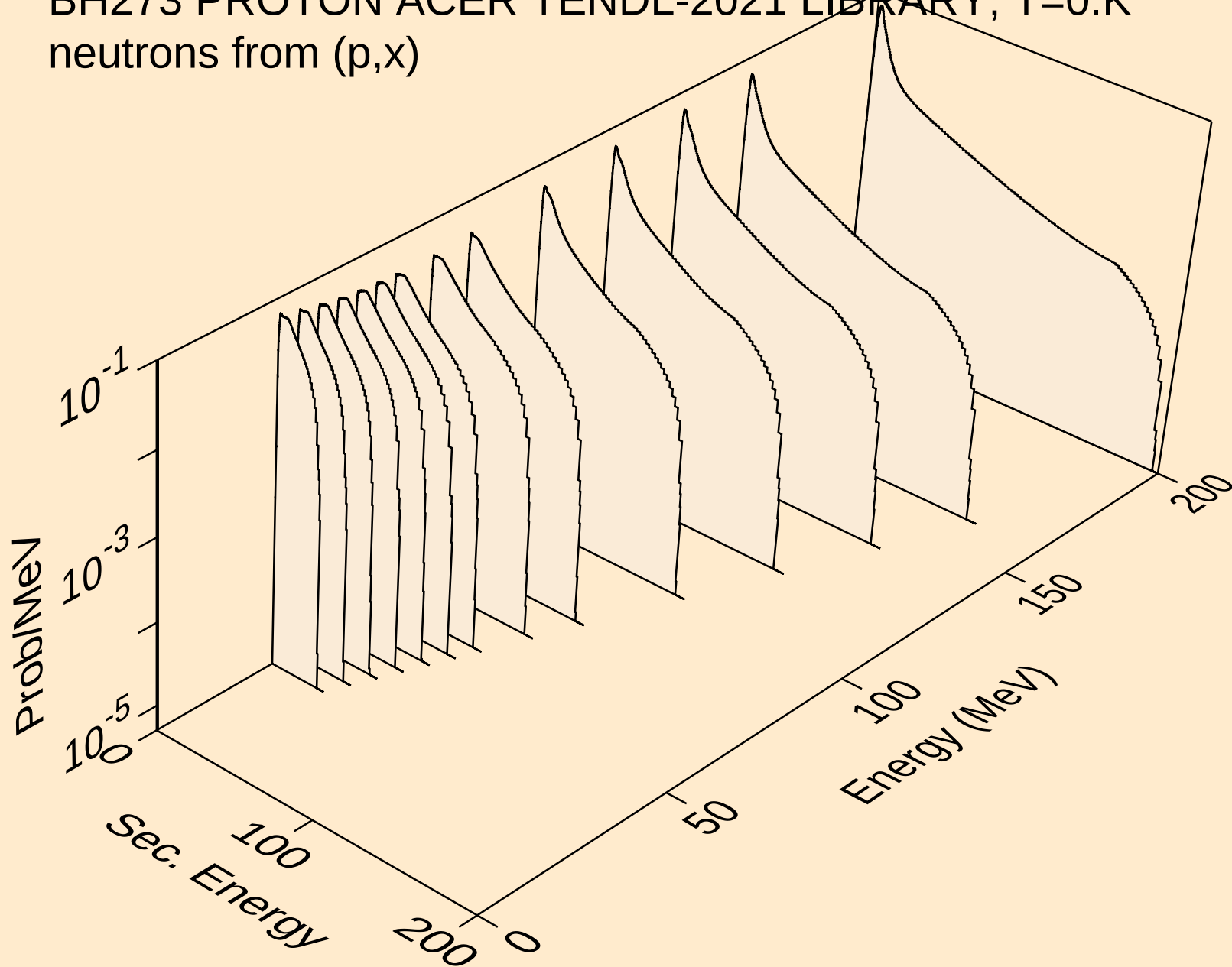
## Particle production cross sections



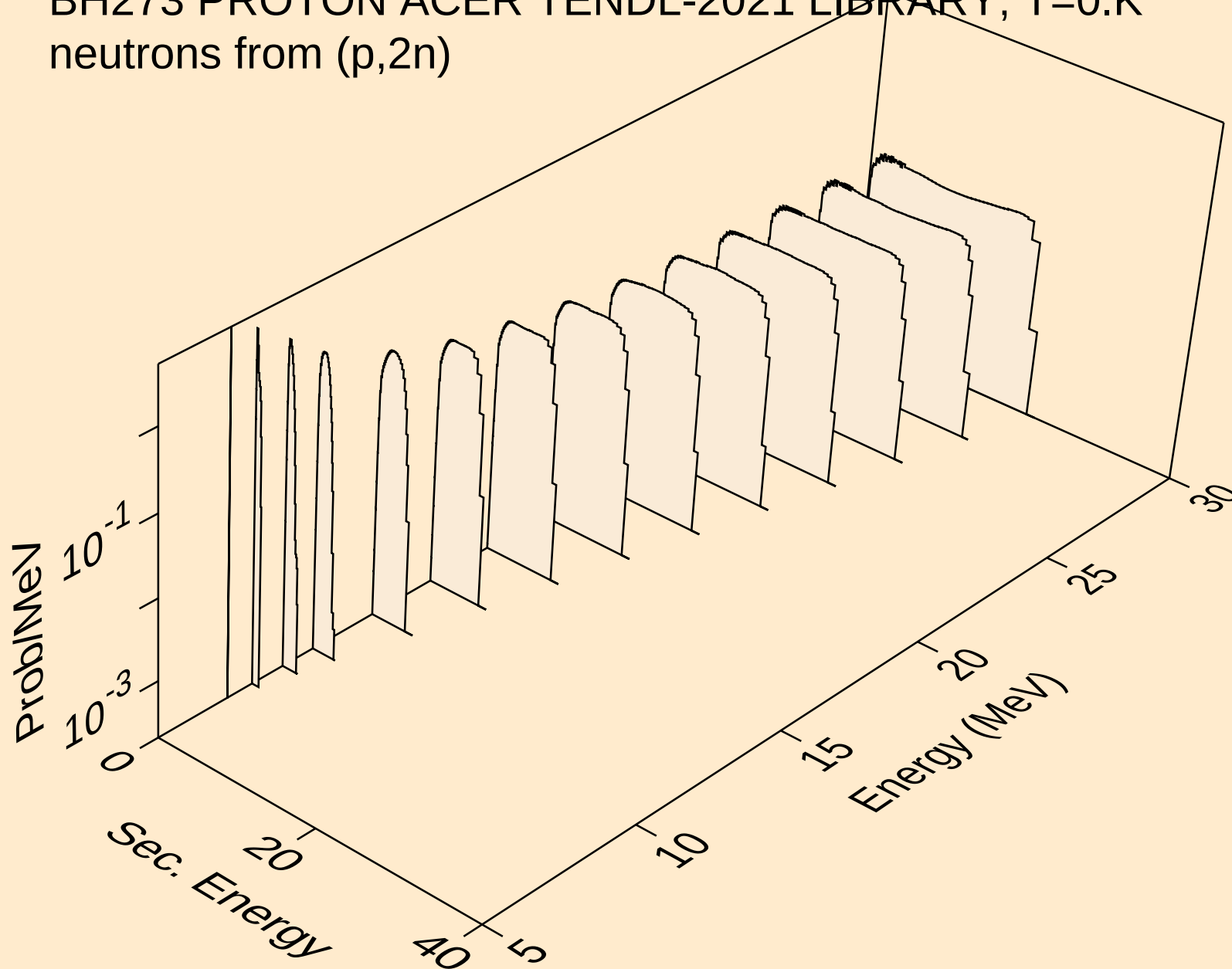
BH273 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n)



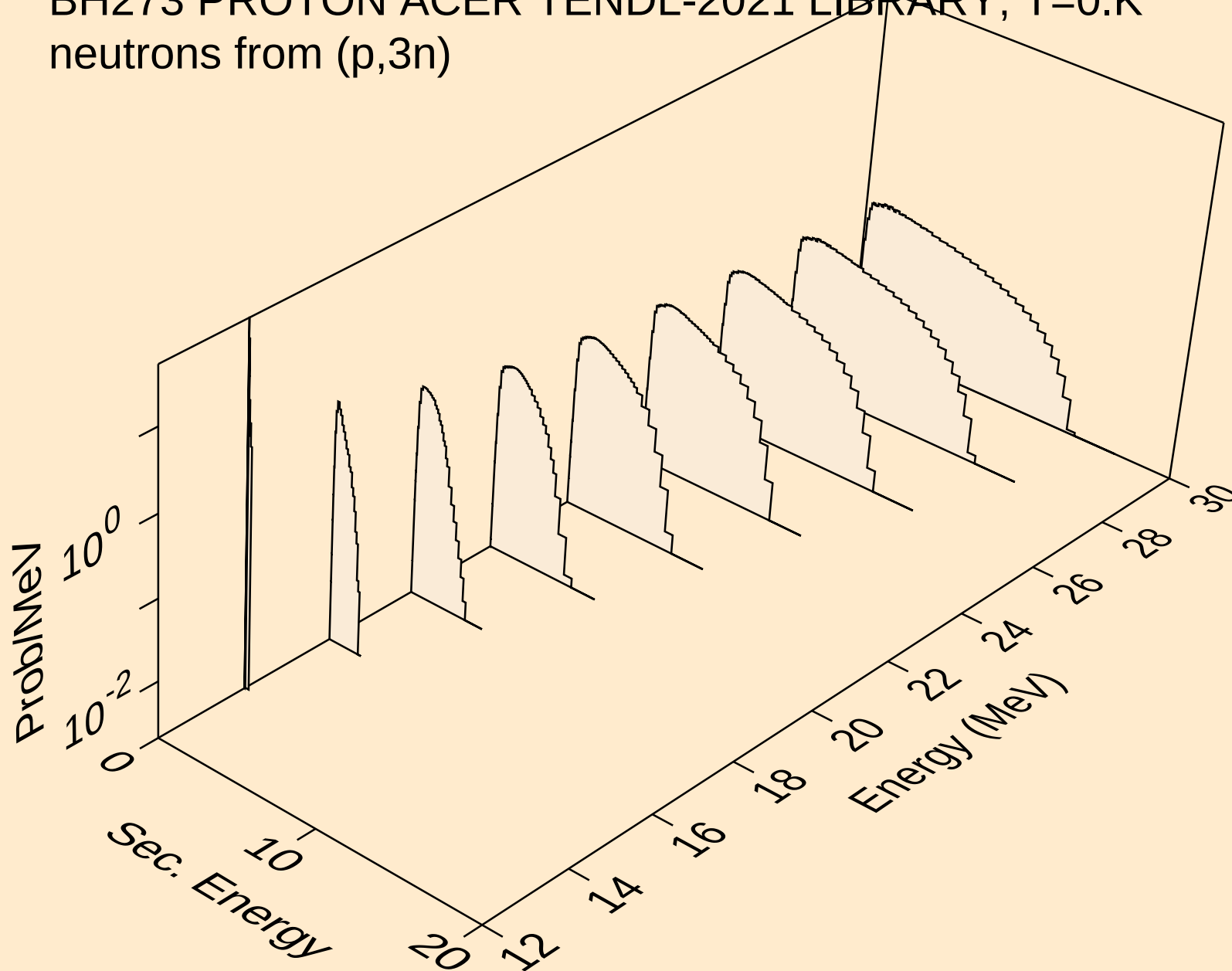
BH273 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,x)



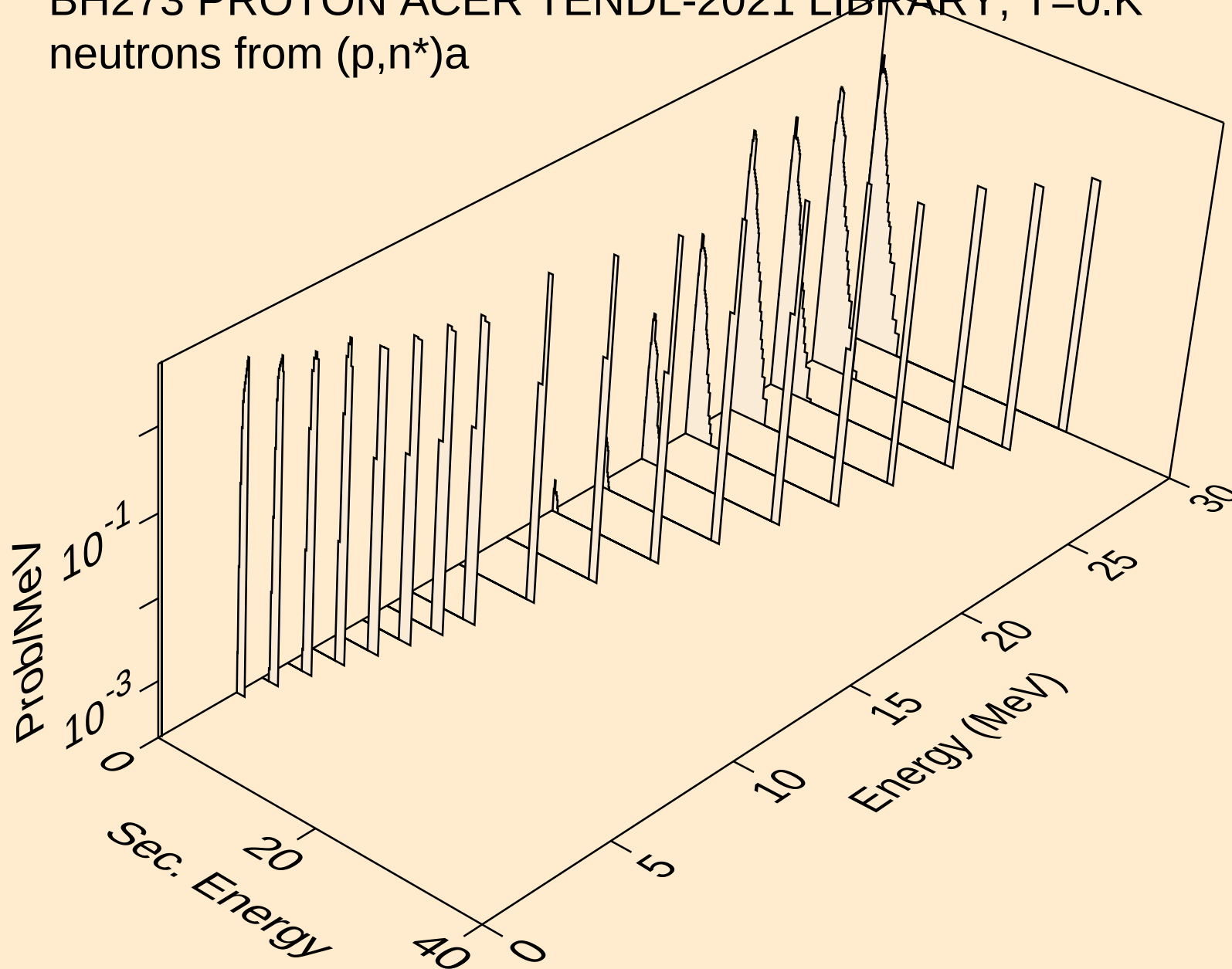
BH273 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2n)



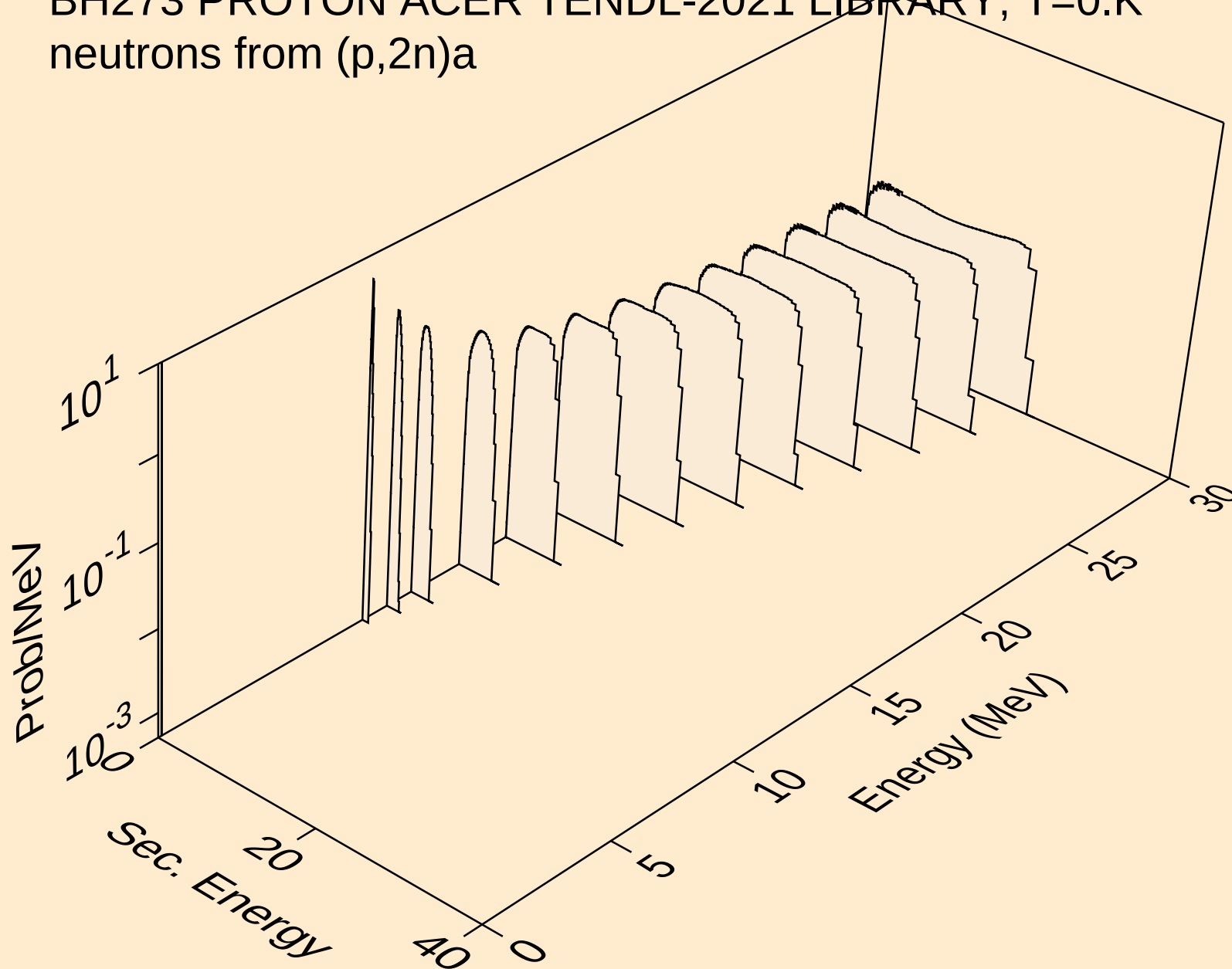
BH273 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,3n)



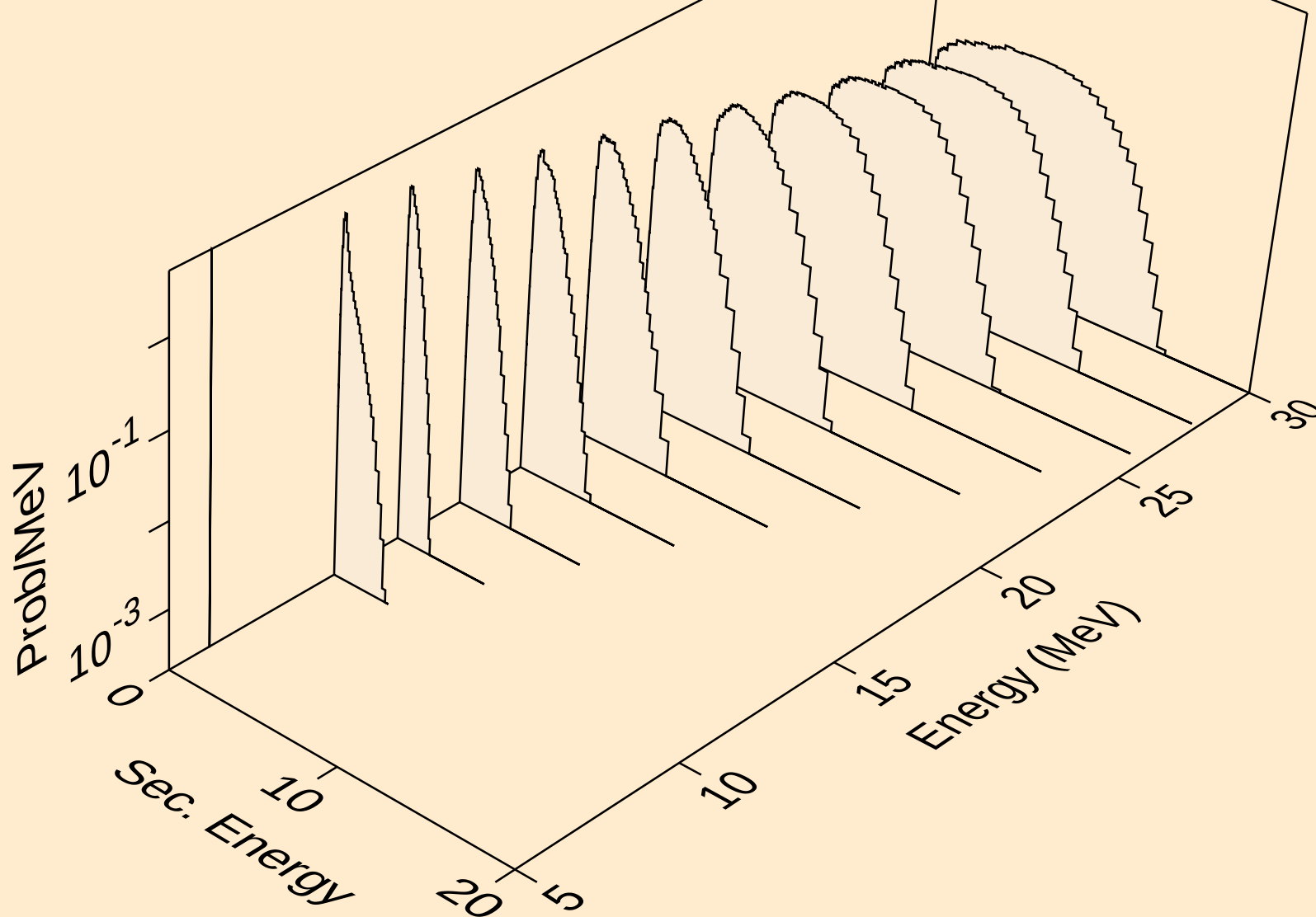
BH273 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)a



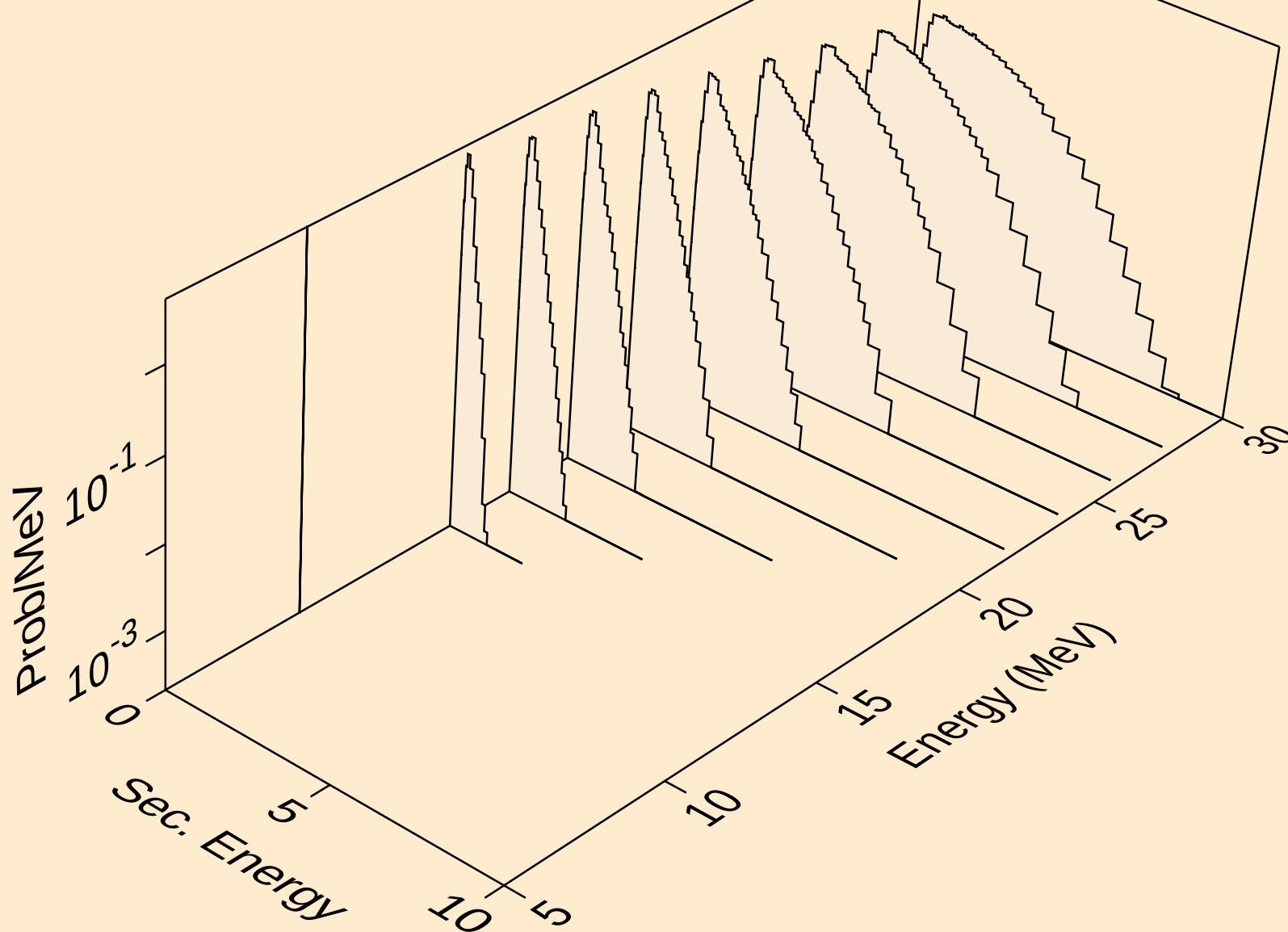
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neutrons from (p,2n)a



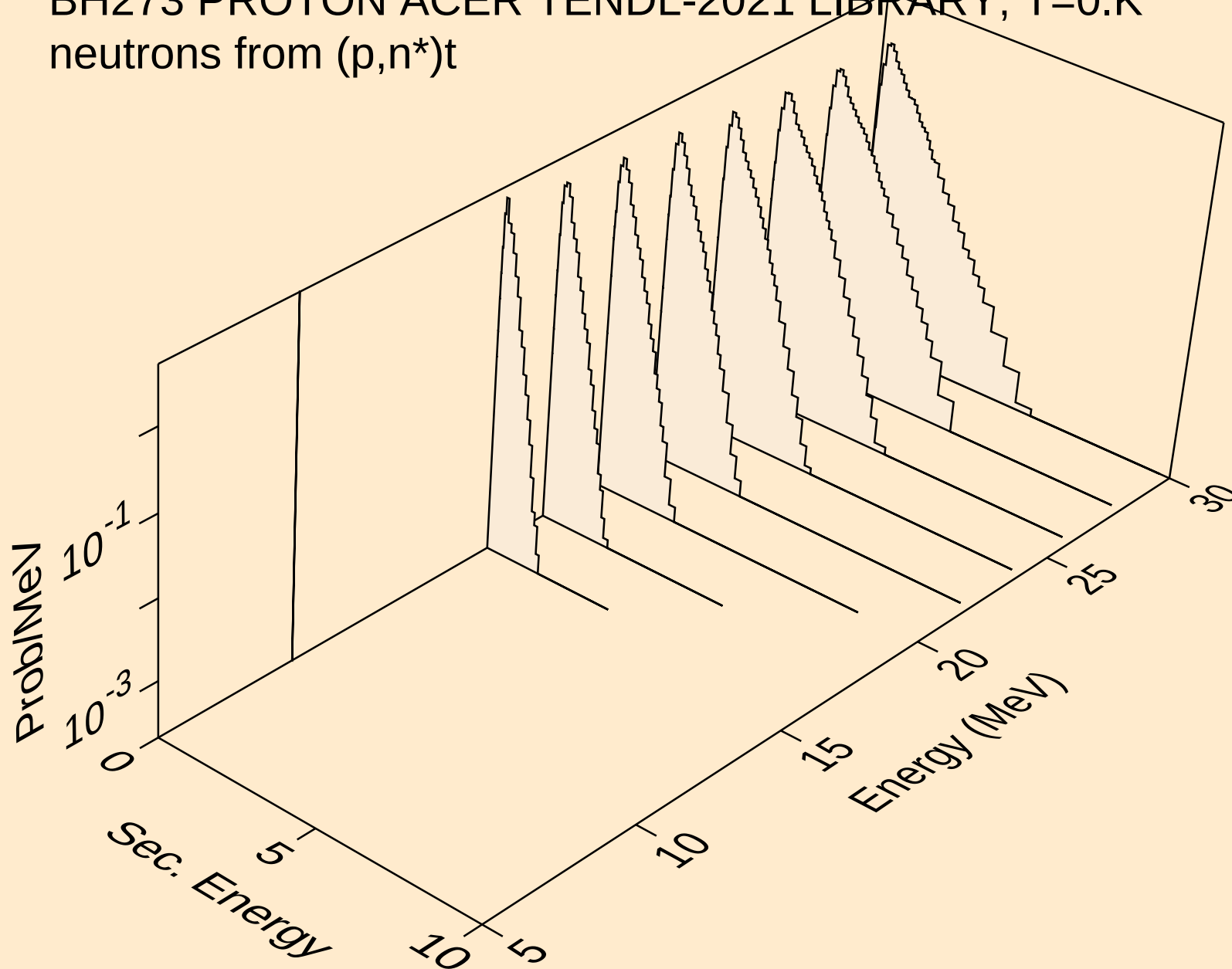
BH273 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)p



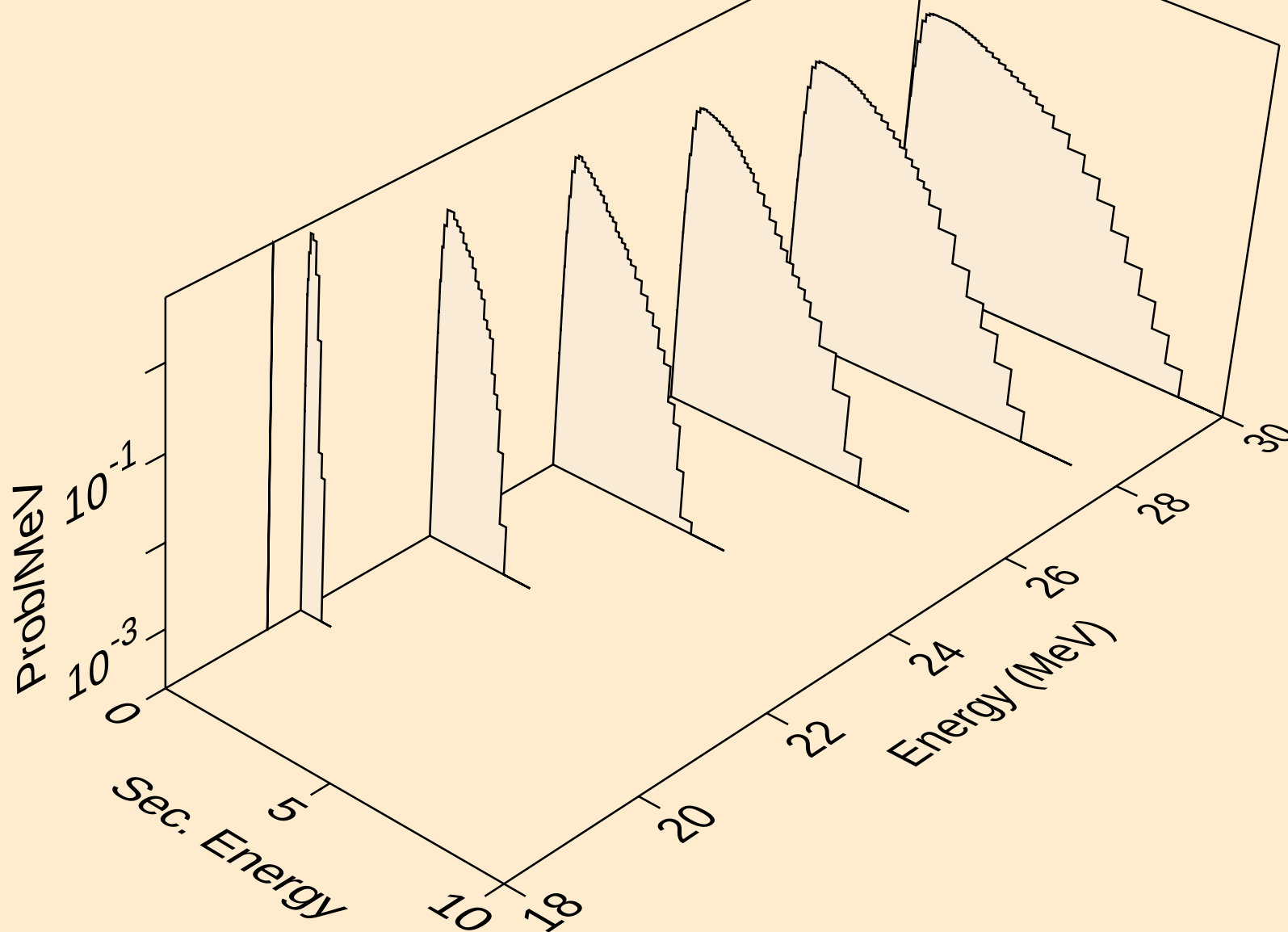
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neutrons from (p,n\*)d



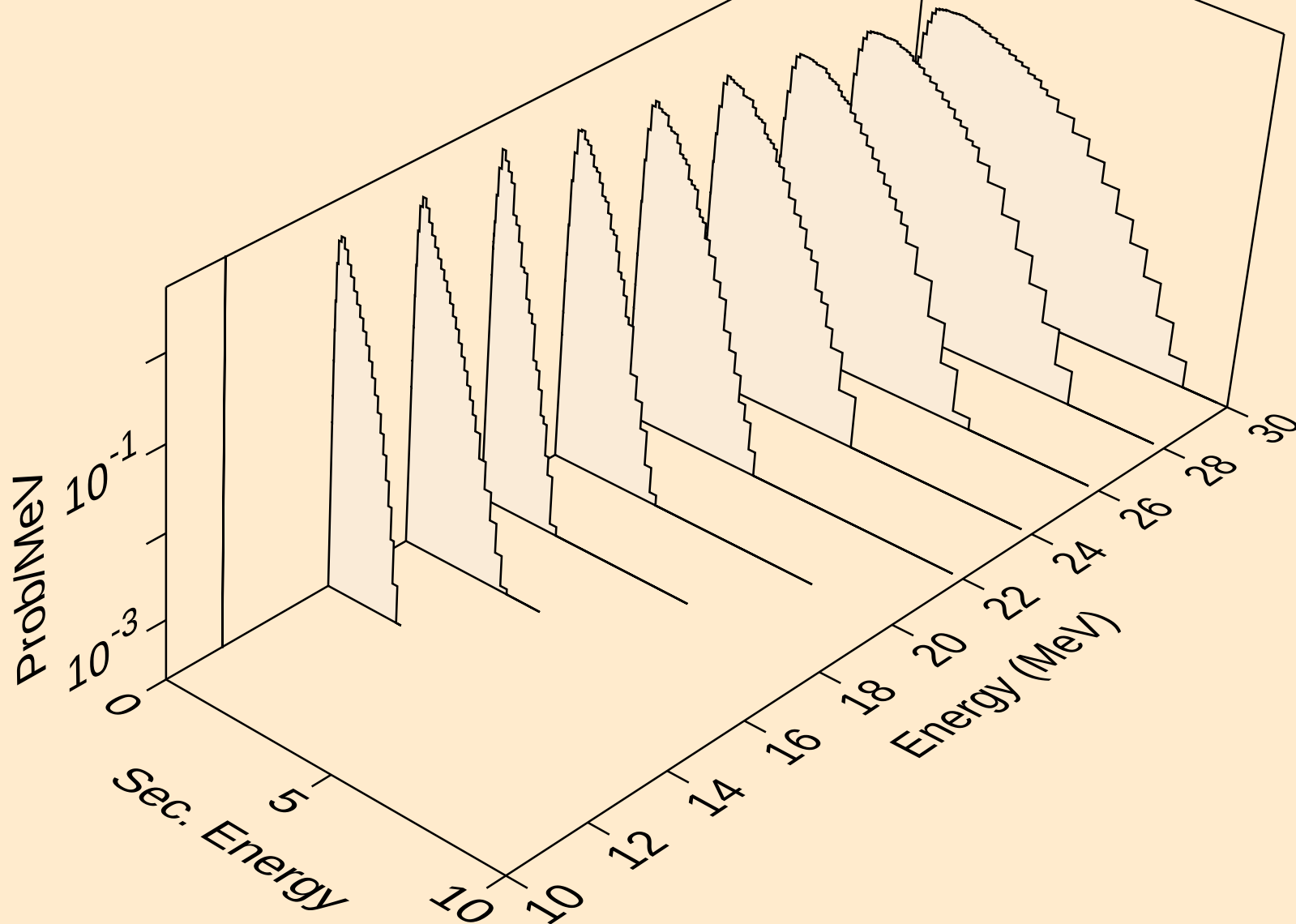
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neutrons from (p,n\*)t



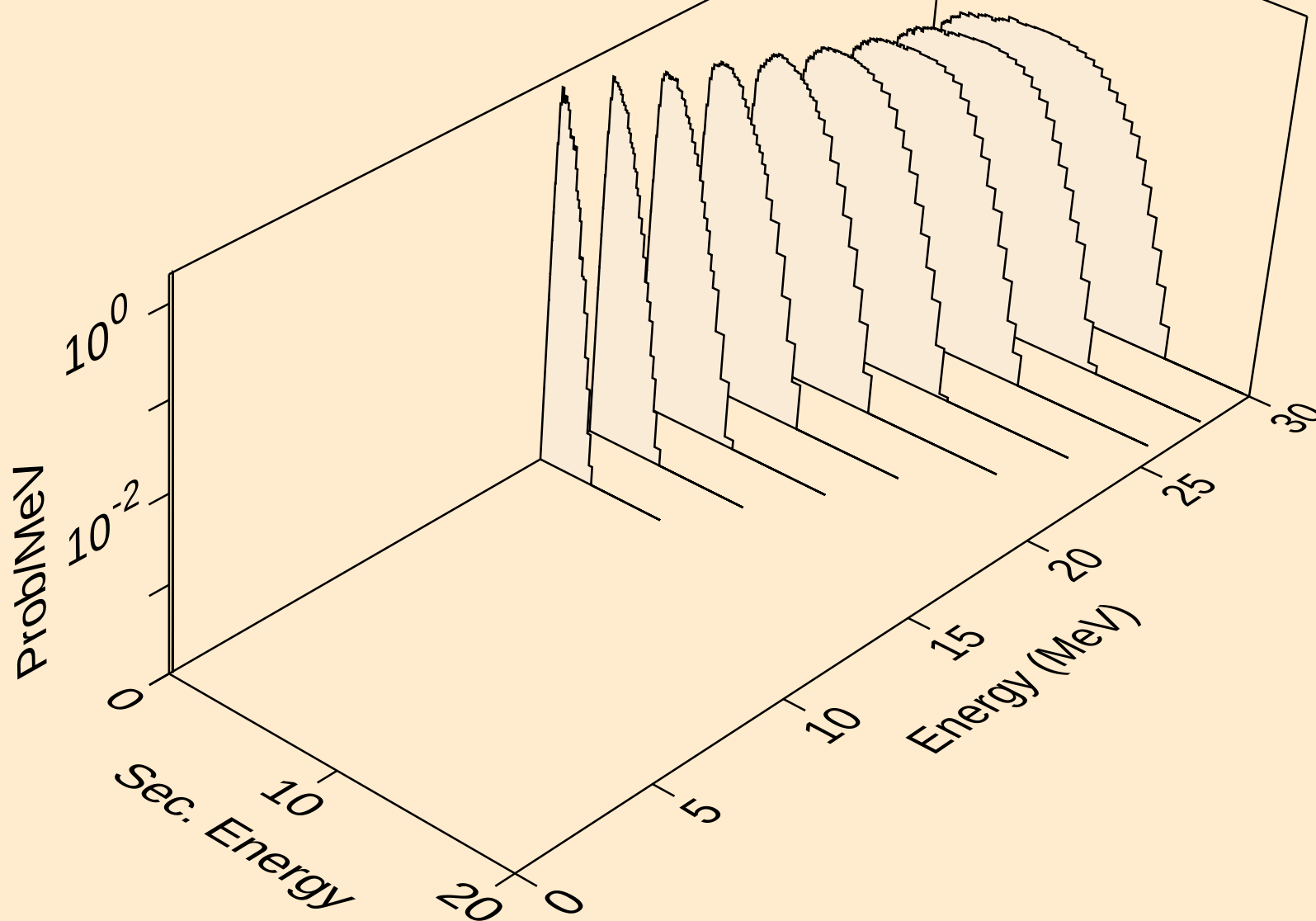
BH273 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
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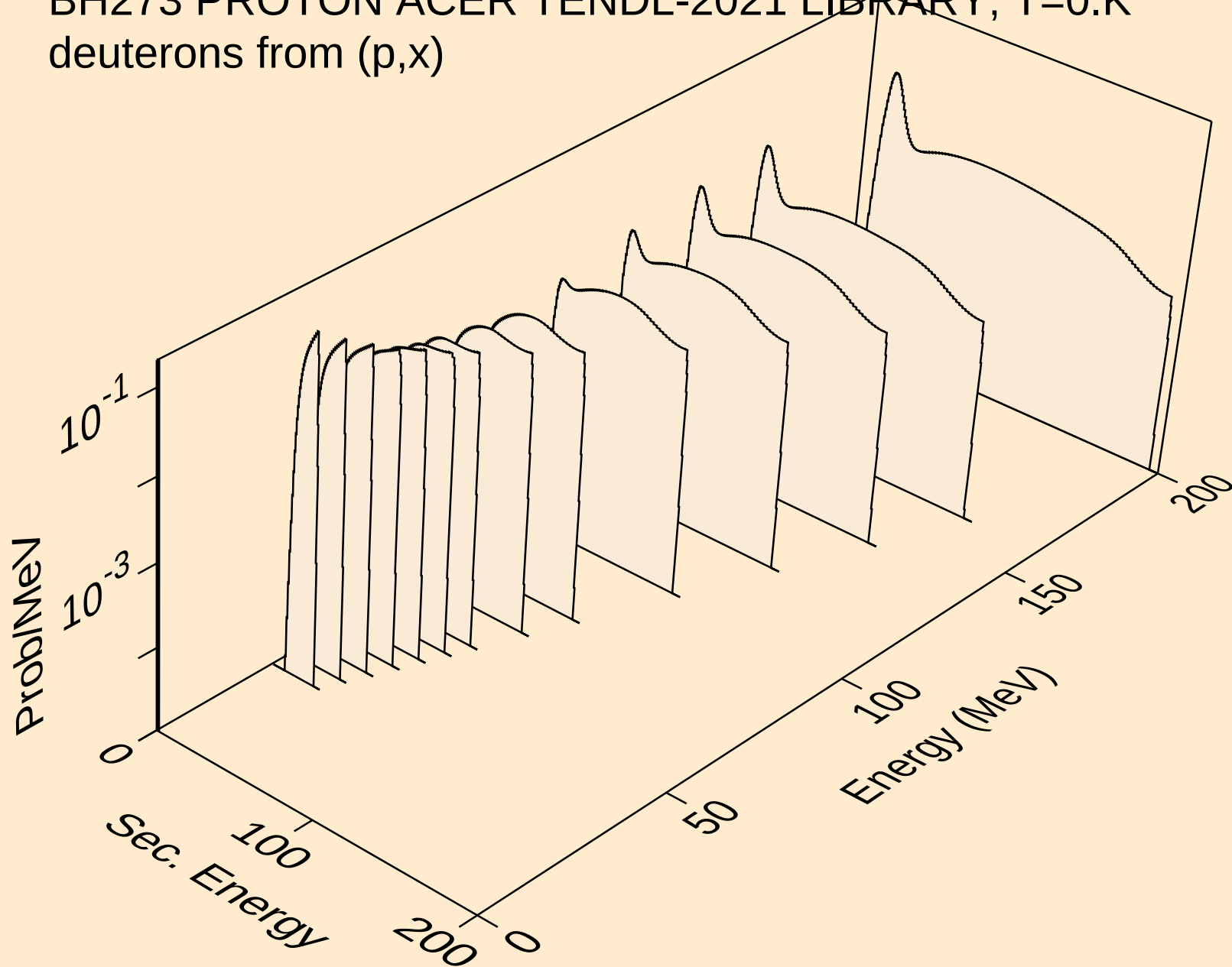
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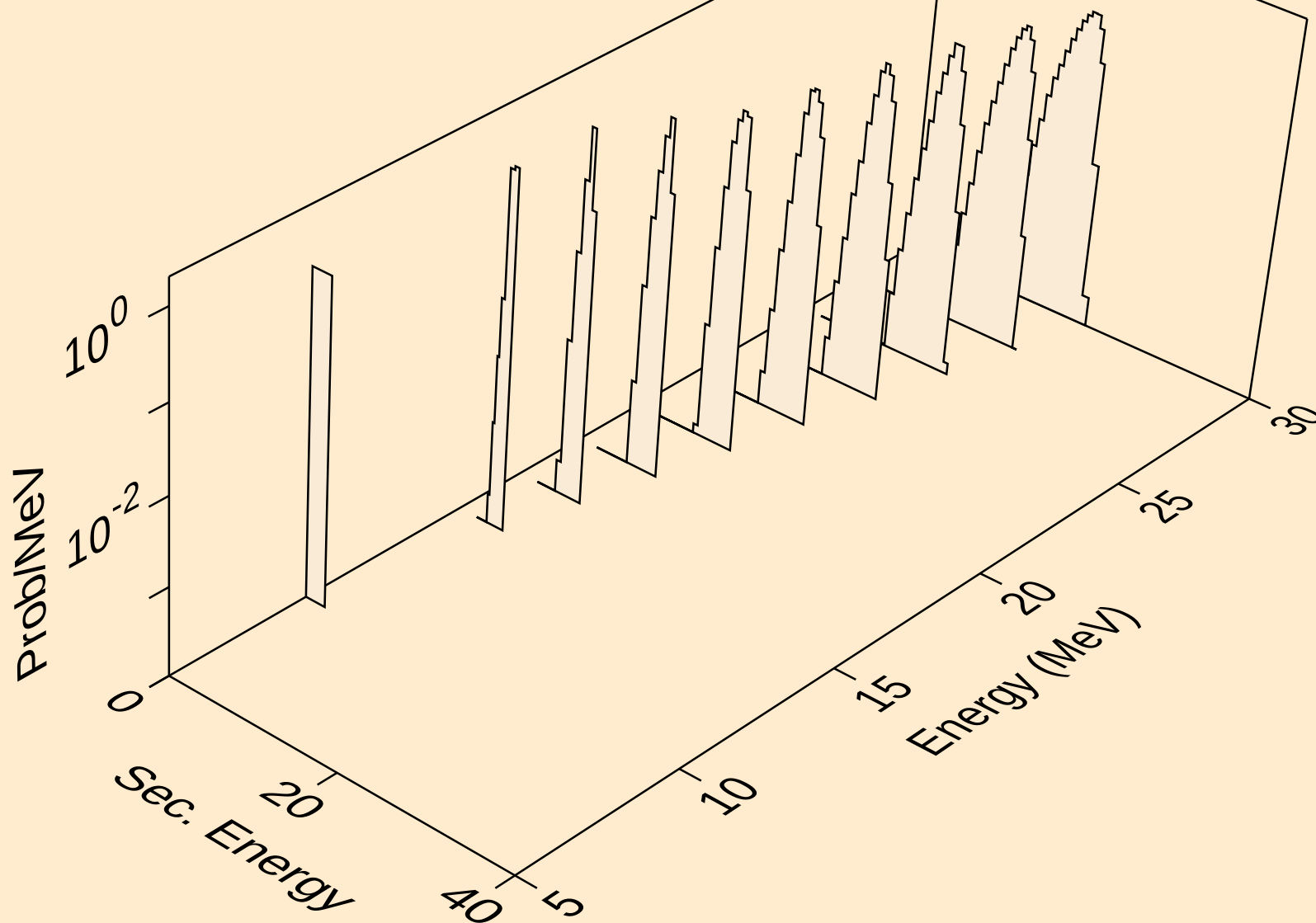
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neutrons from (p,npa)



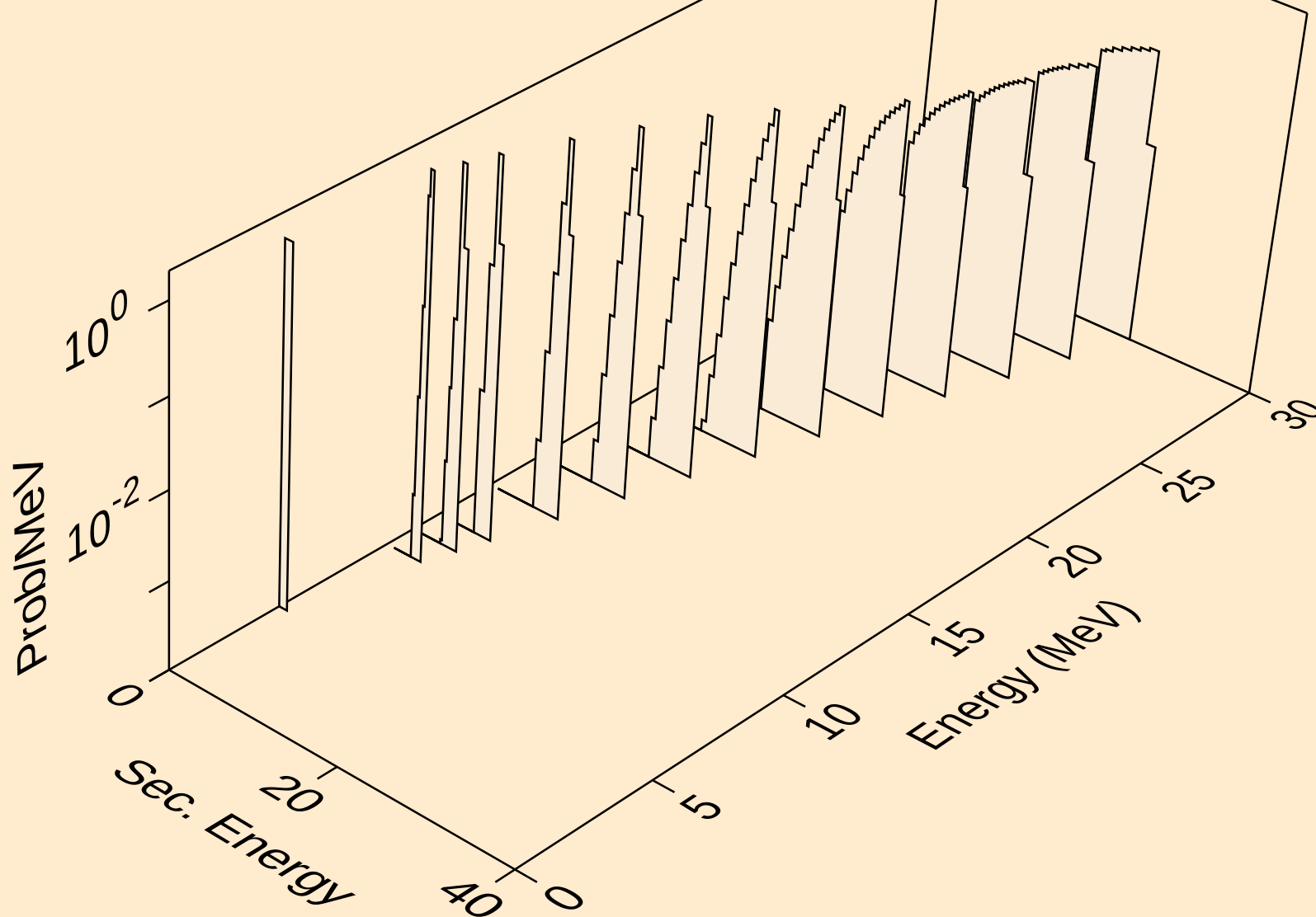
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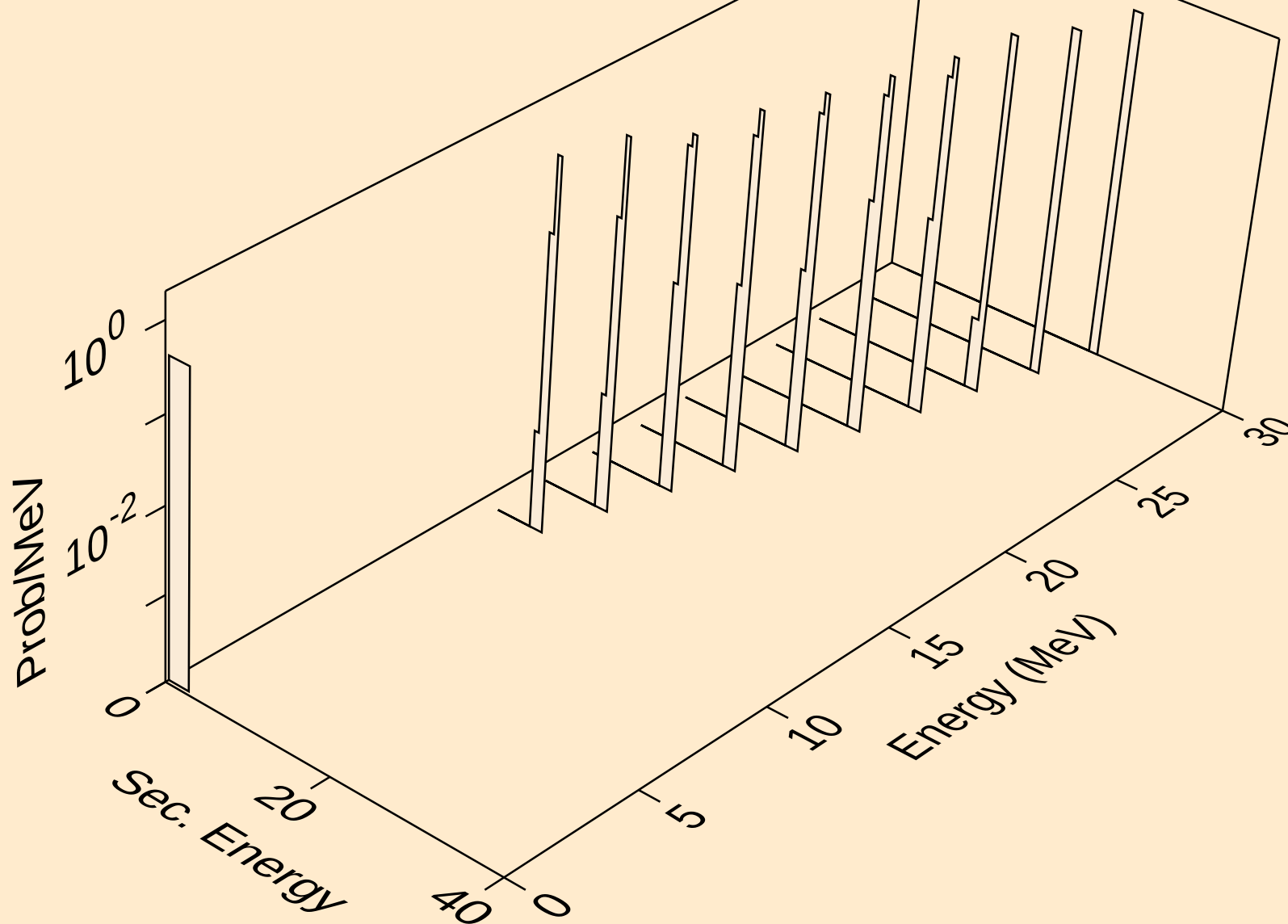
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deuterons from (p,n\*)d



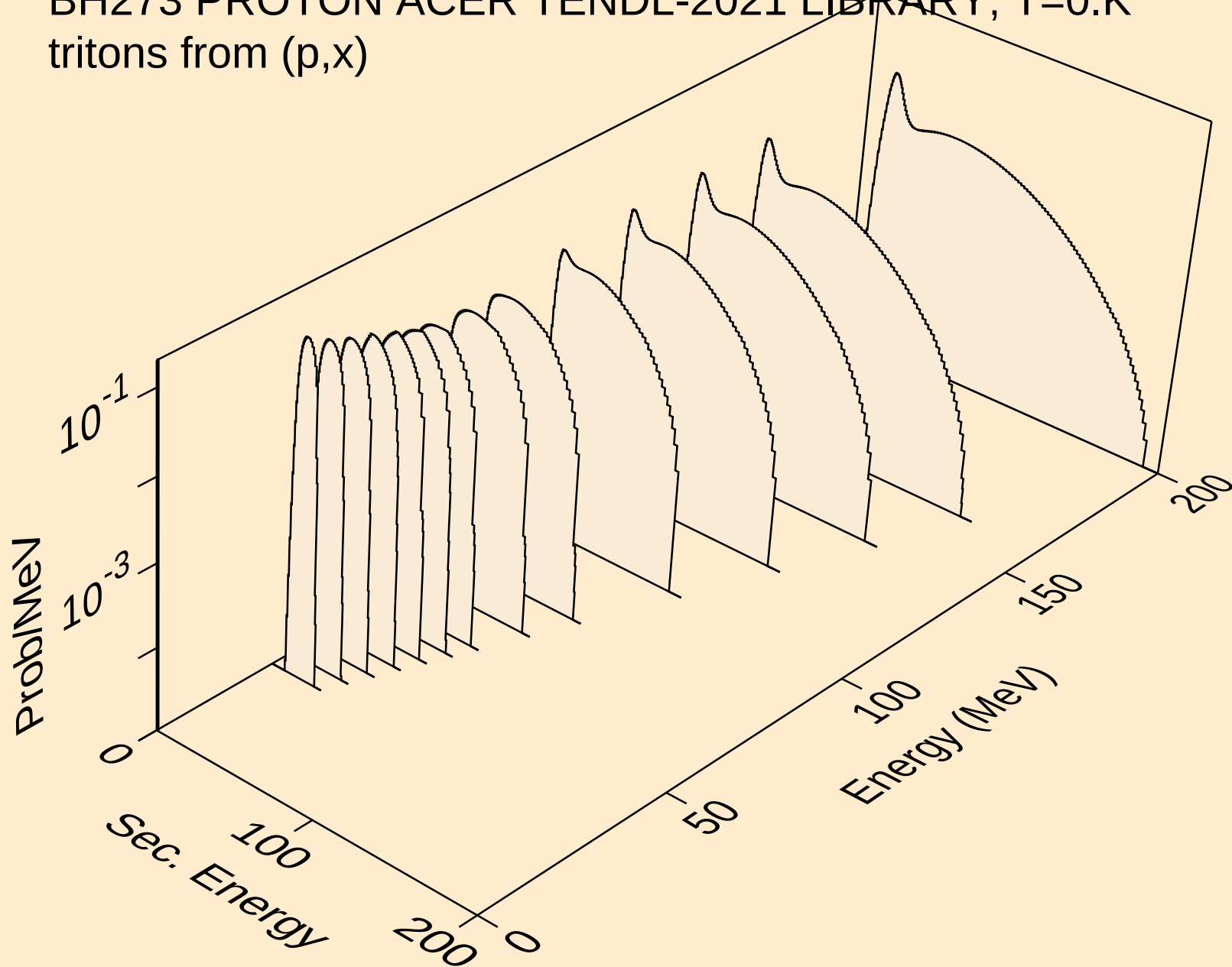
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deuterons from (p,d)



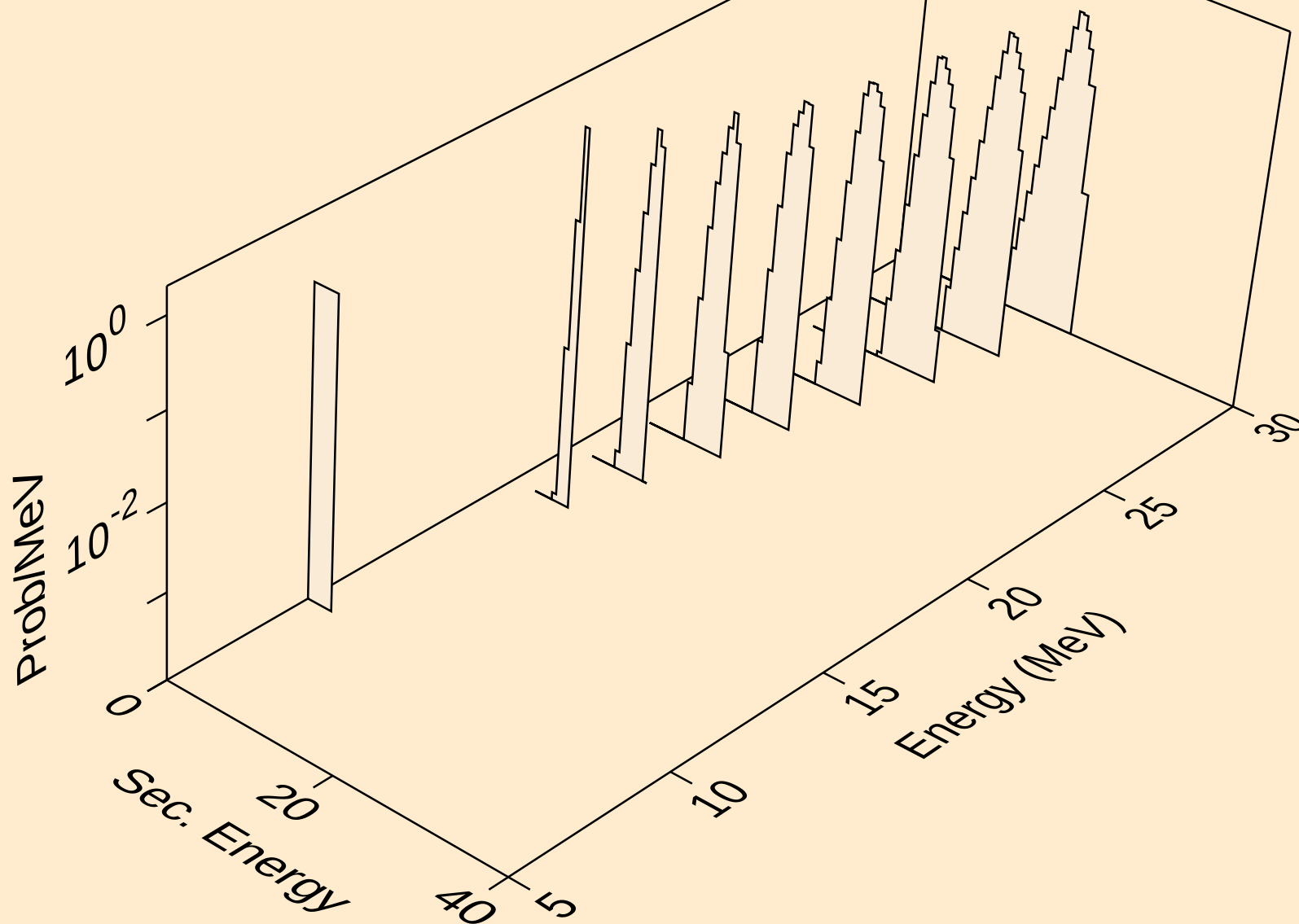
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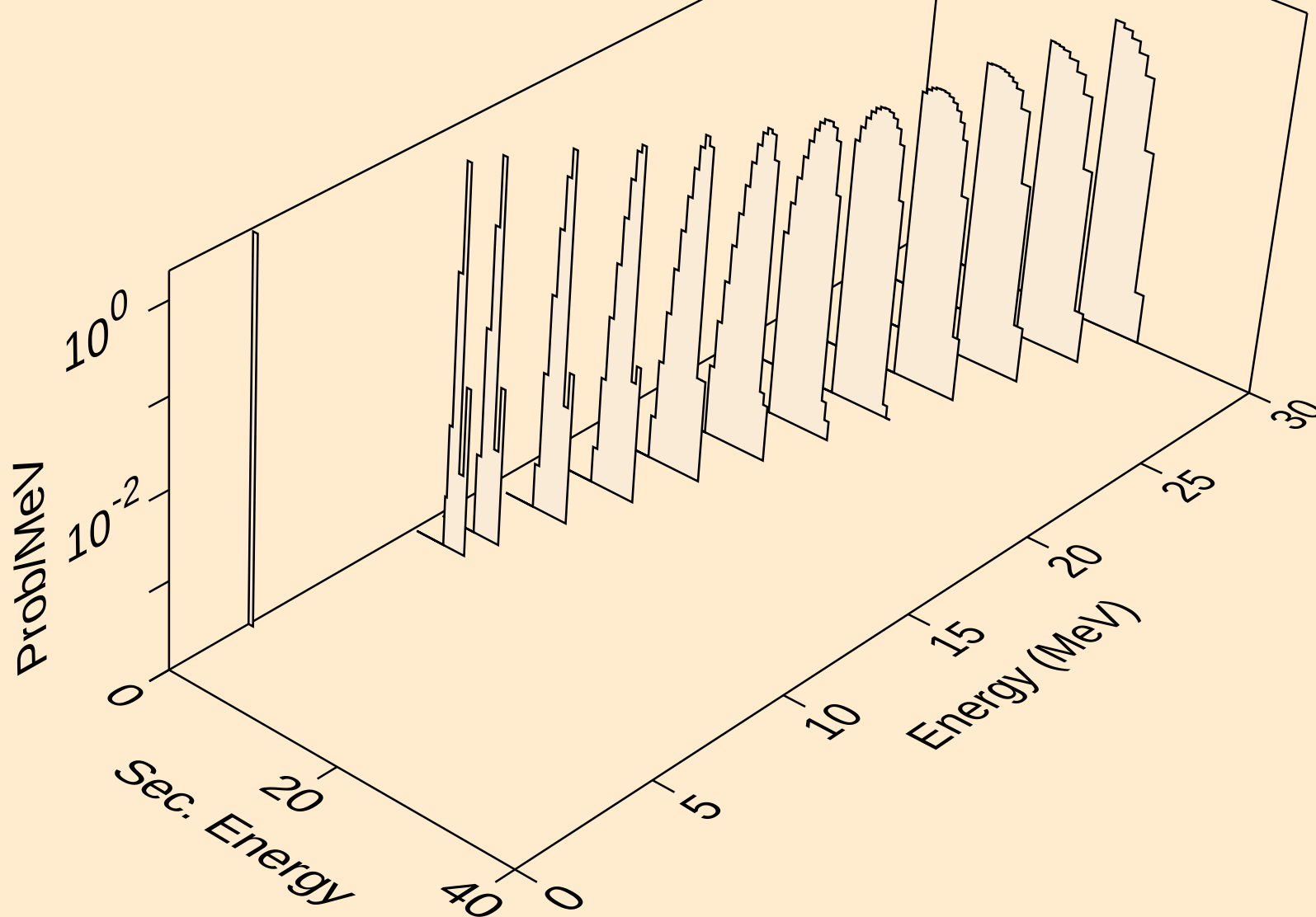
BH273 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
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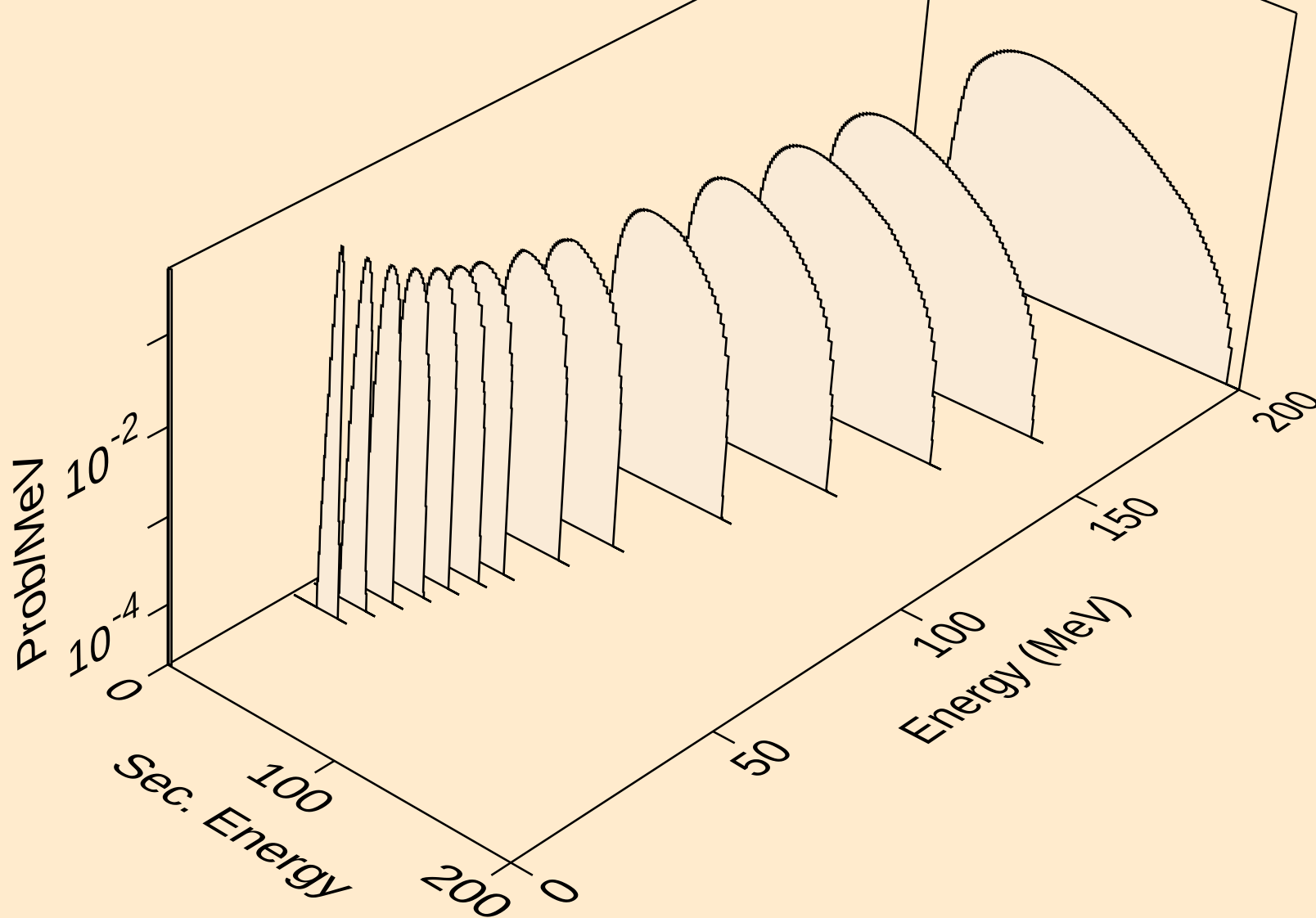
BH273 PROTON ACER TENDL-2021 LIBRARY;  $T=0.K$   
tritons from  $(p,n^*)t$



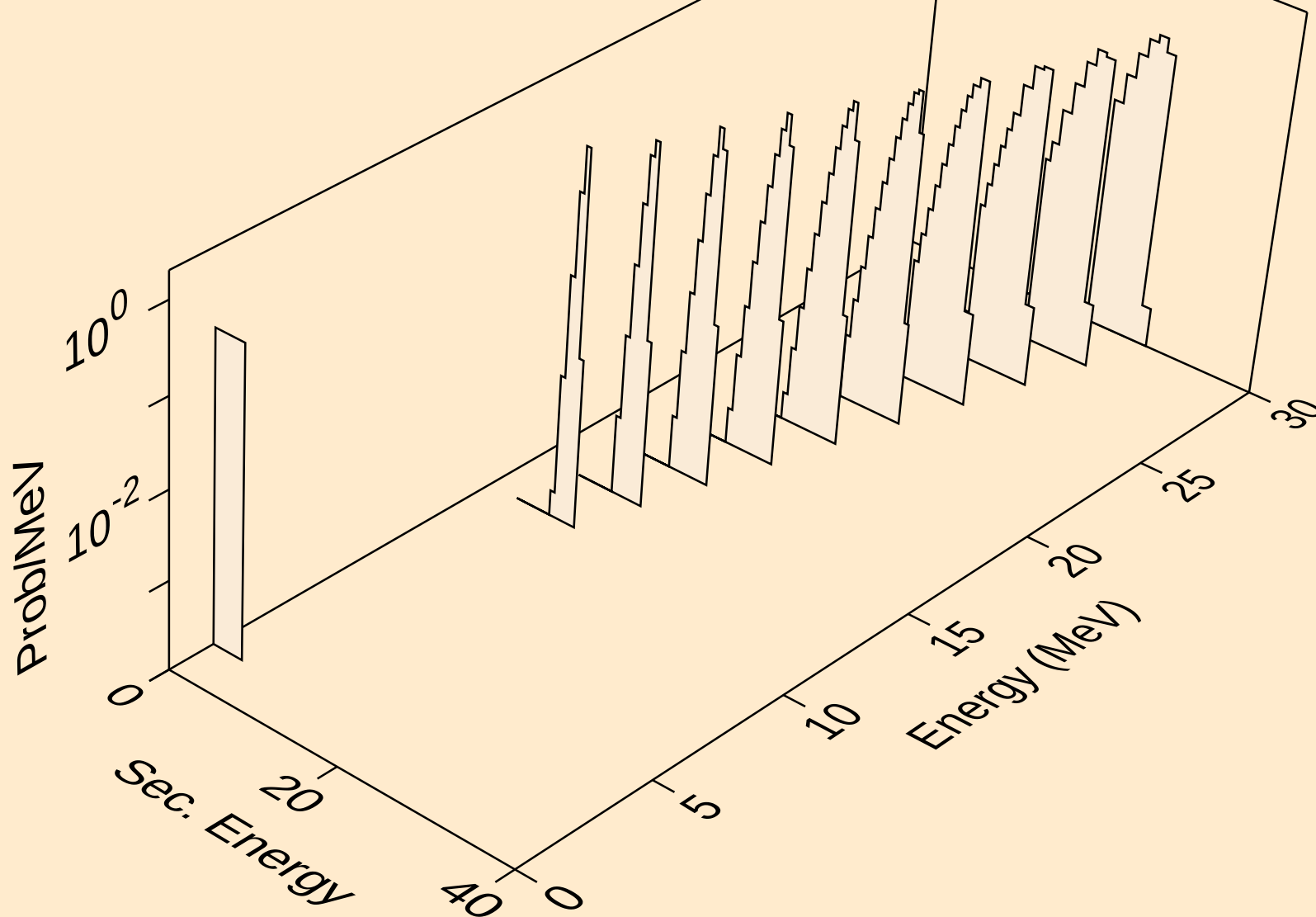
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tritons from (p,t)



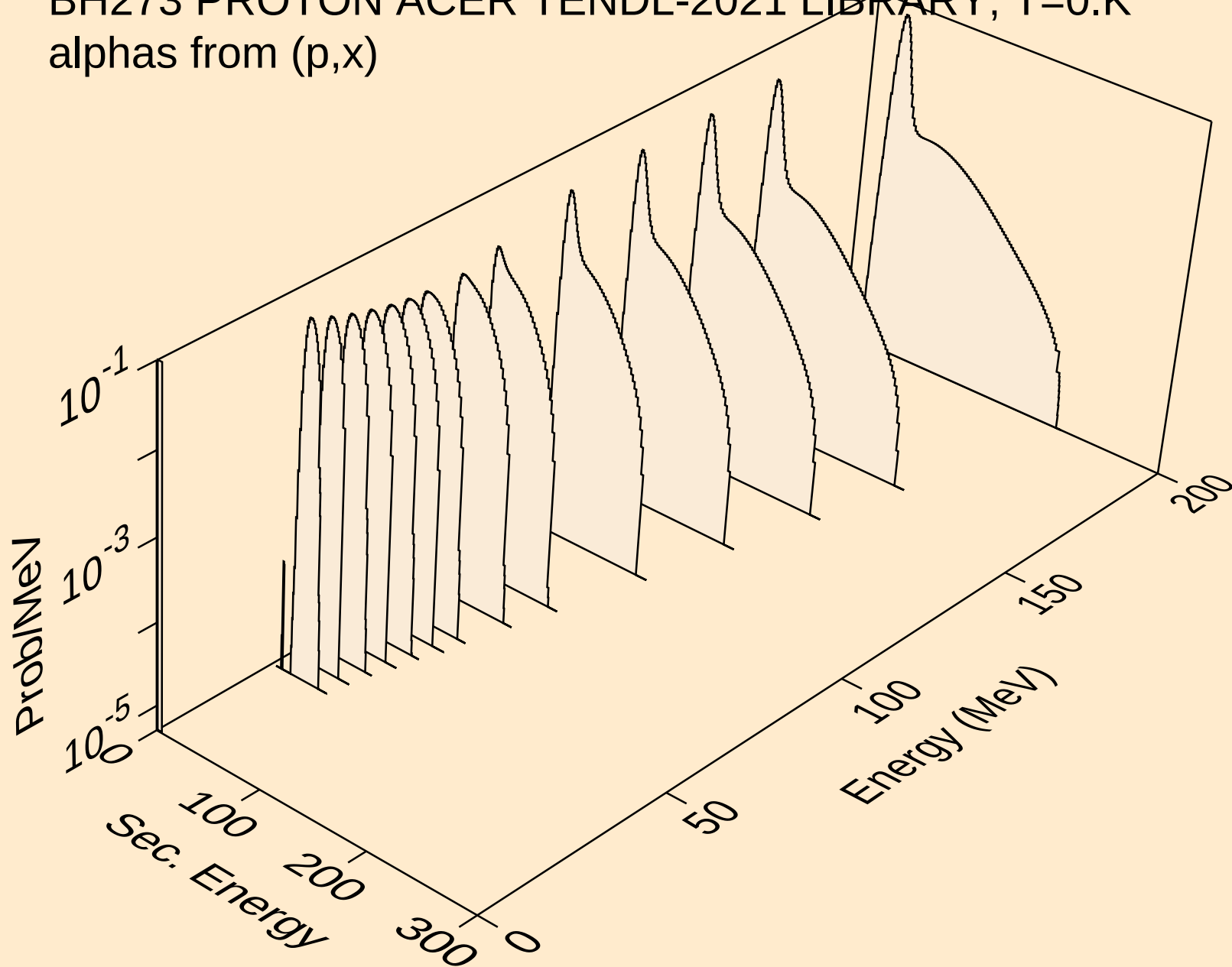
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he3s from (p,x)



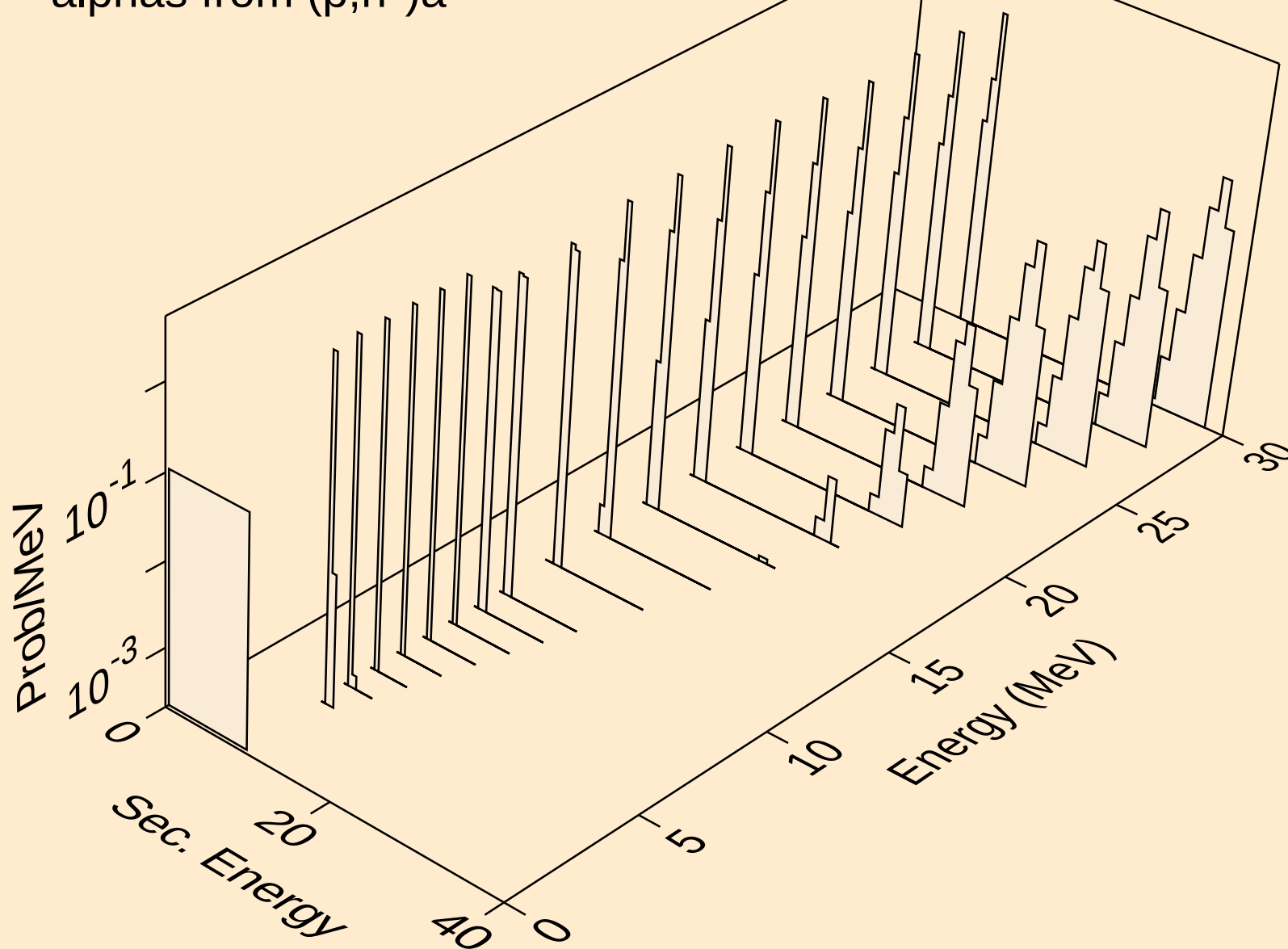
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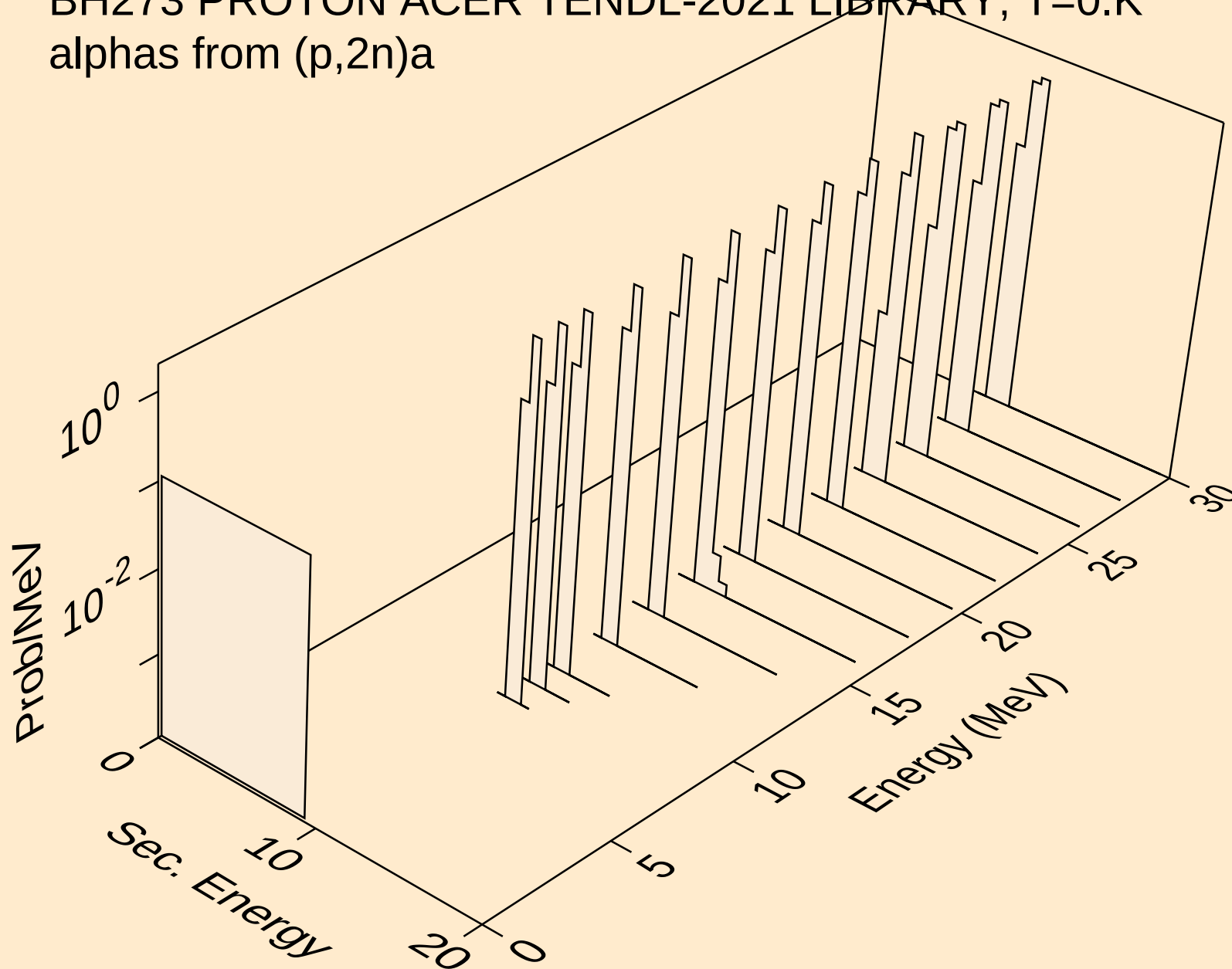
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alphas from (p,x)



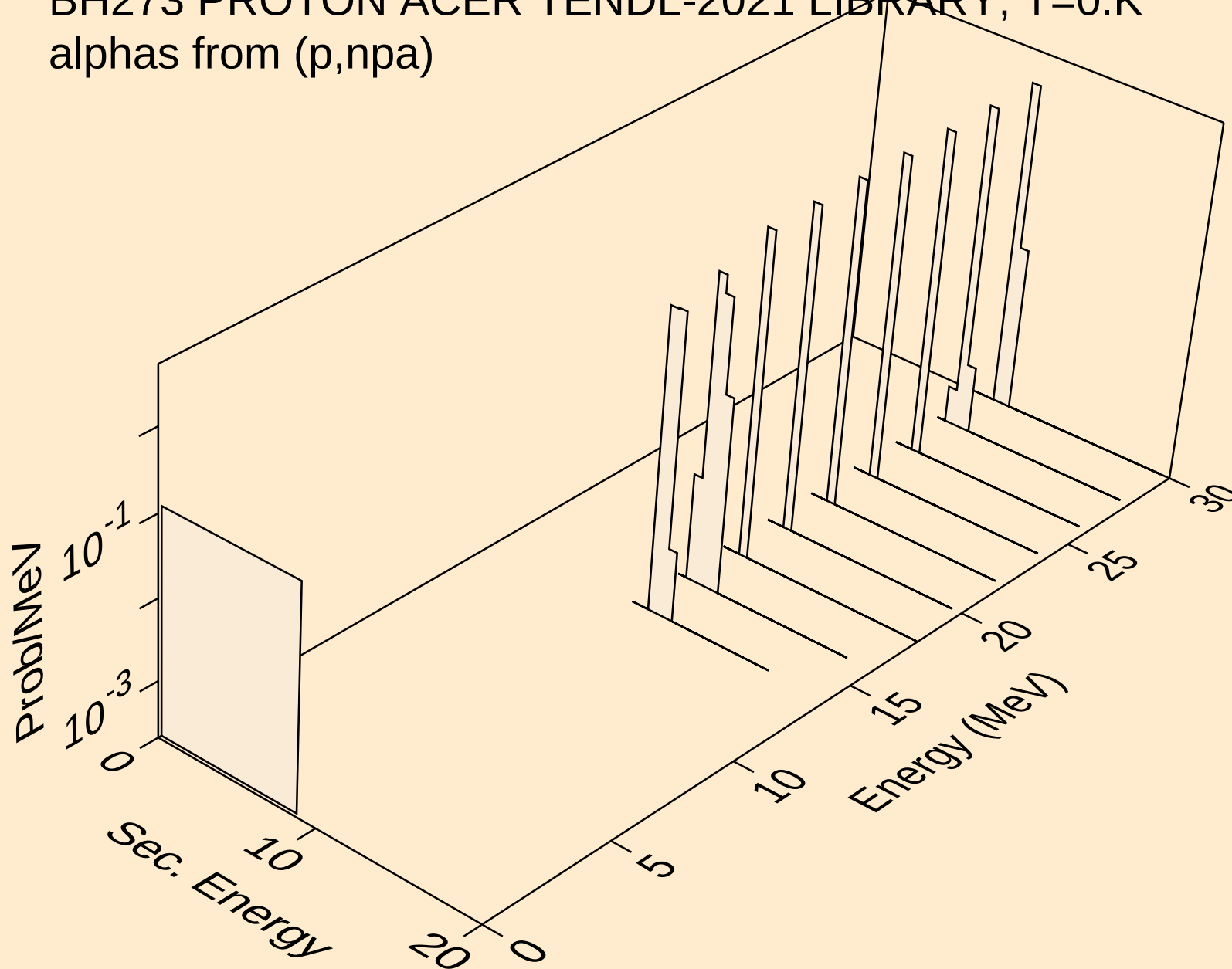
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alphas from (p,n\*)a



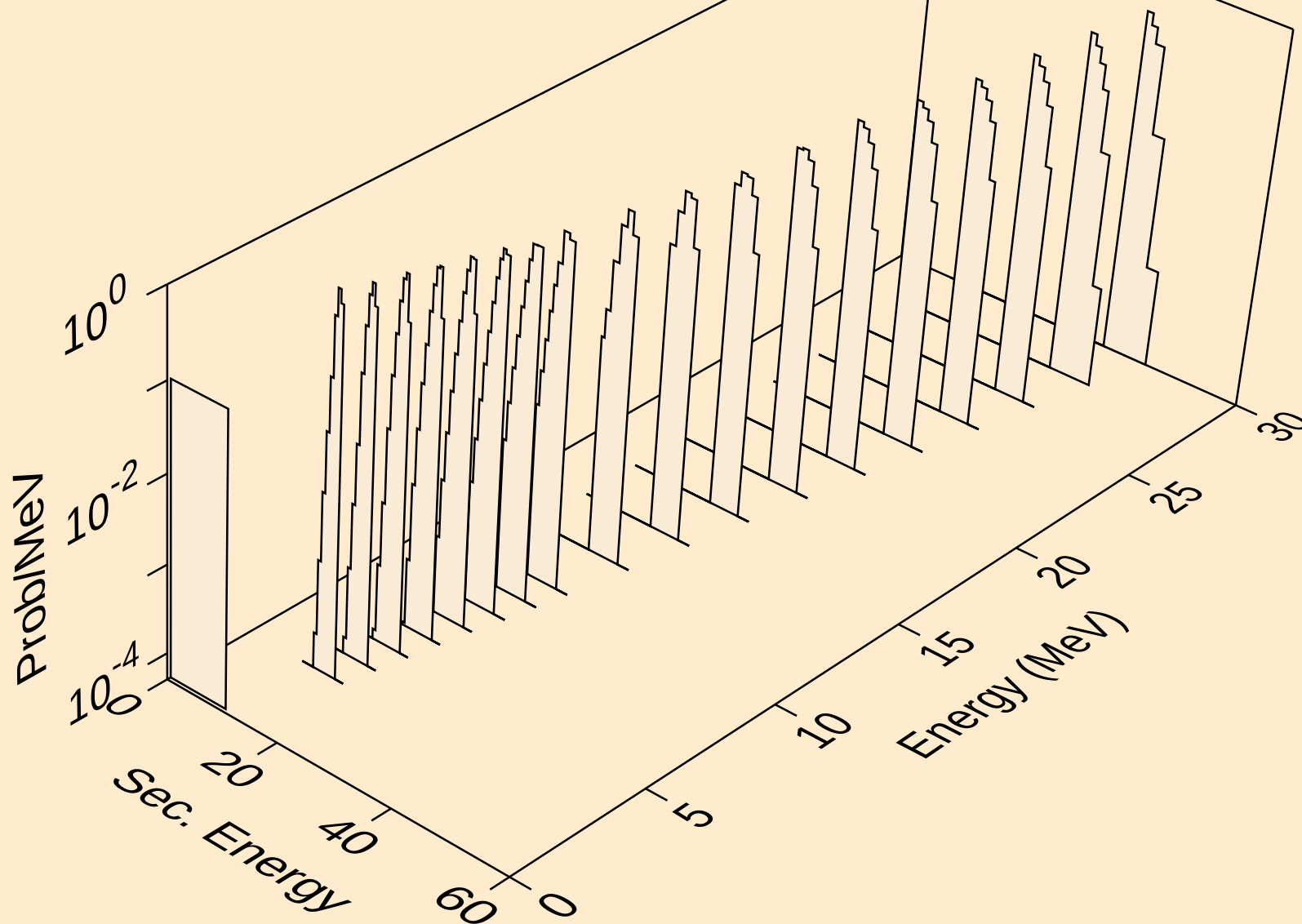
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alphas from (p,2n)a



BH273 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,npa)



BH273 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,a)



BH273 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,da)

