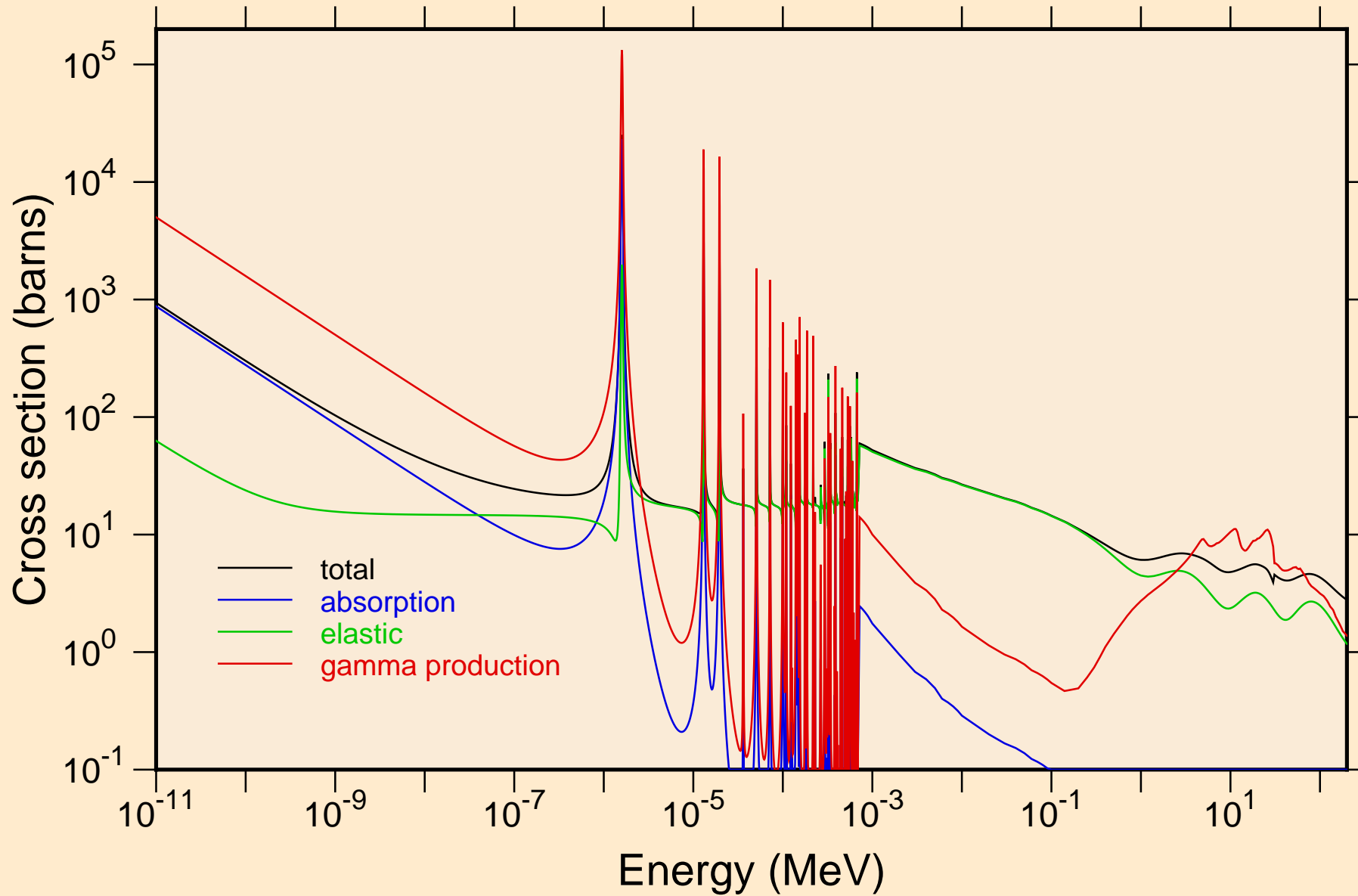
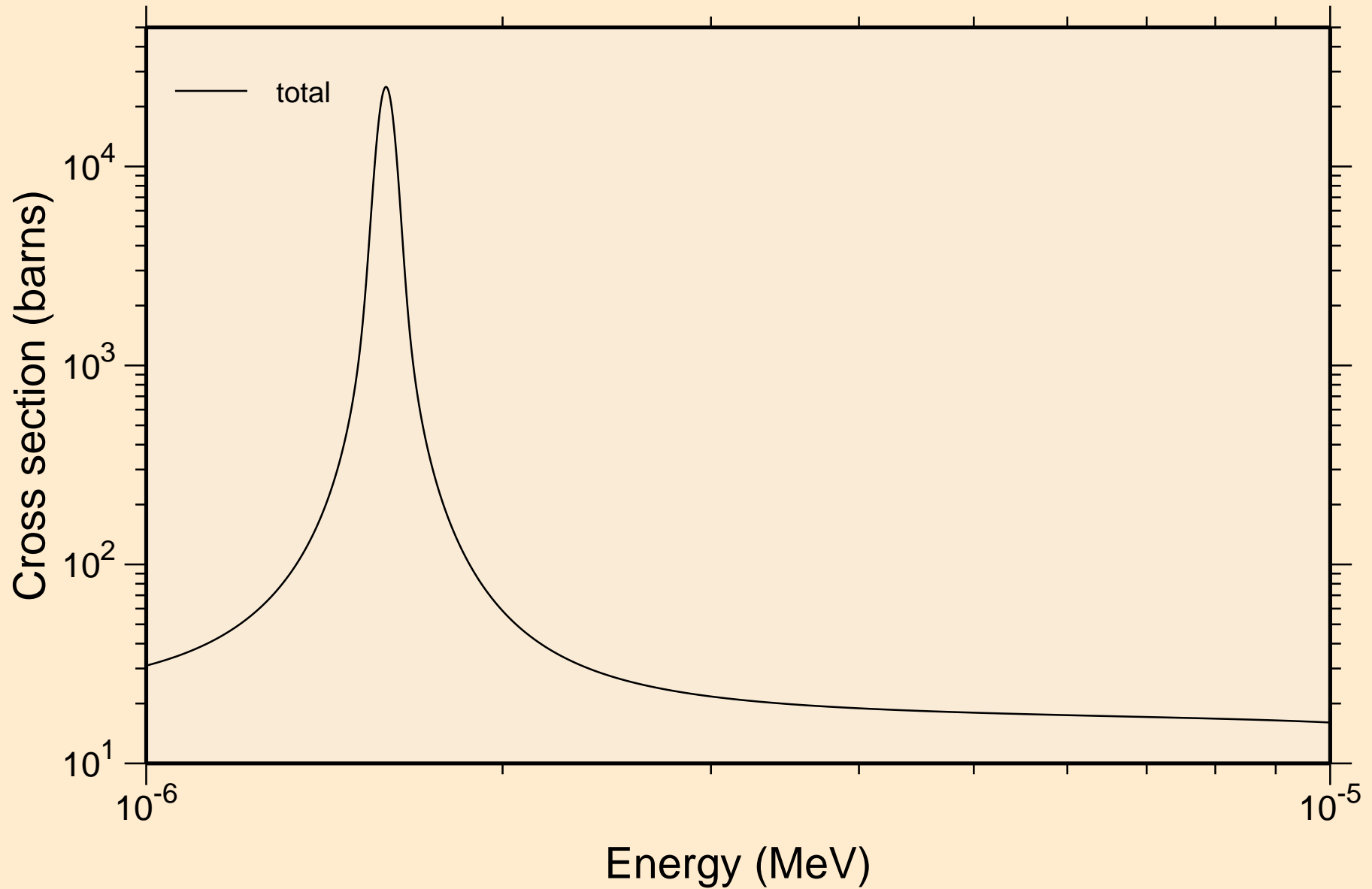


# HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

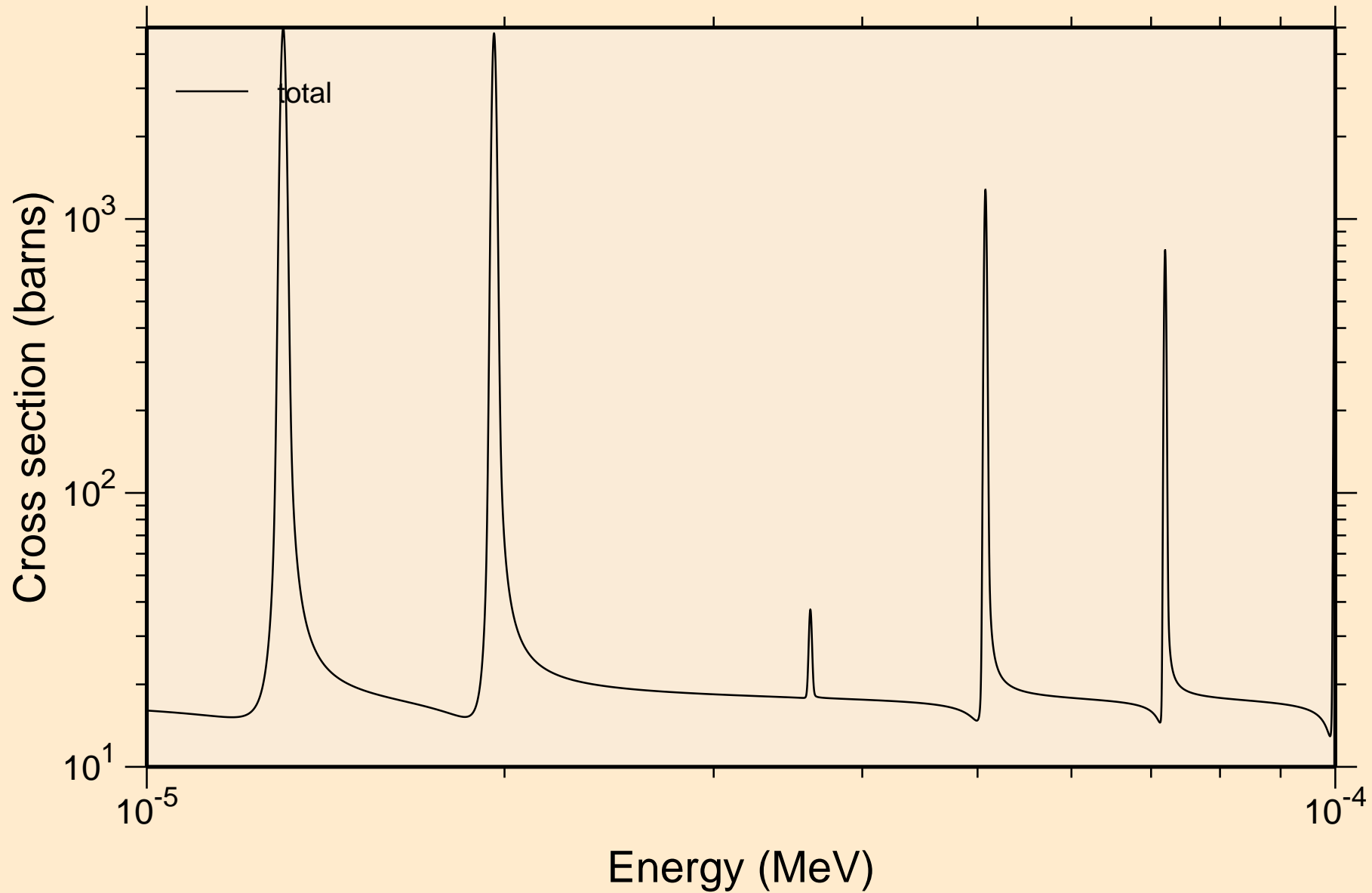
## Principal cross sections



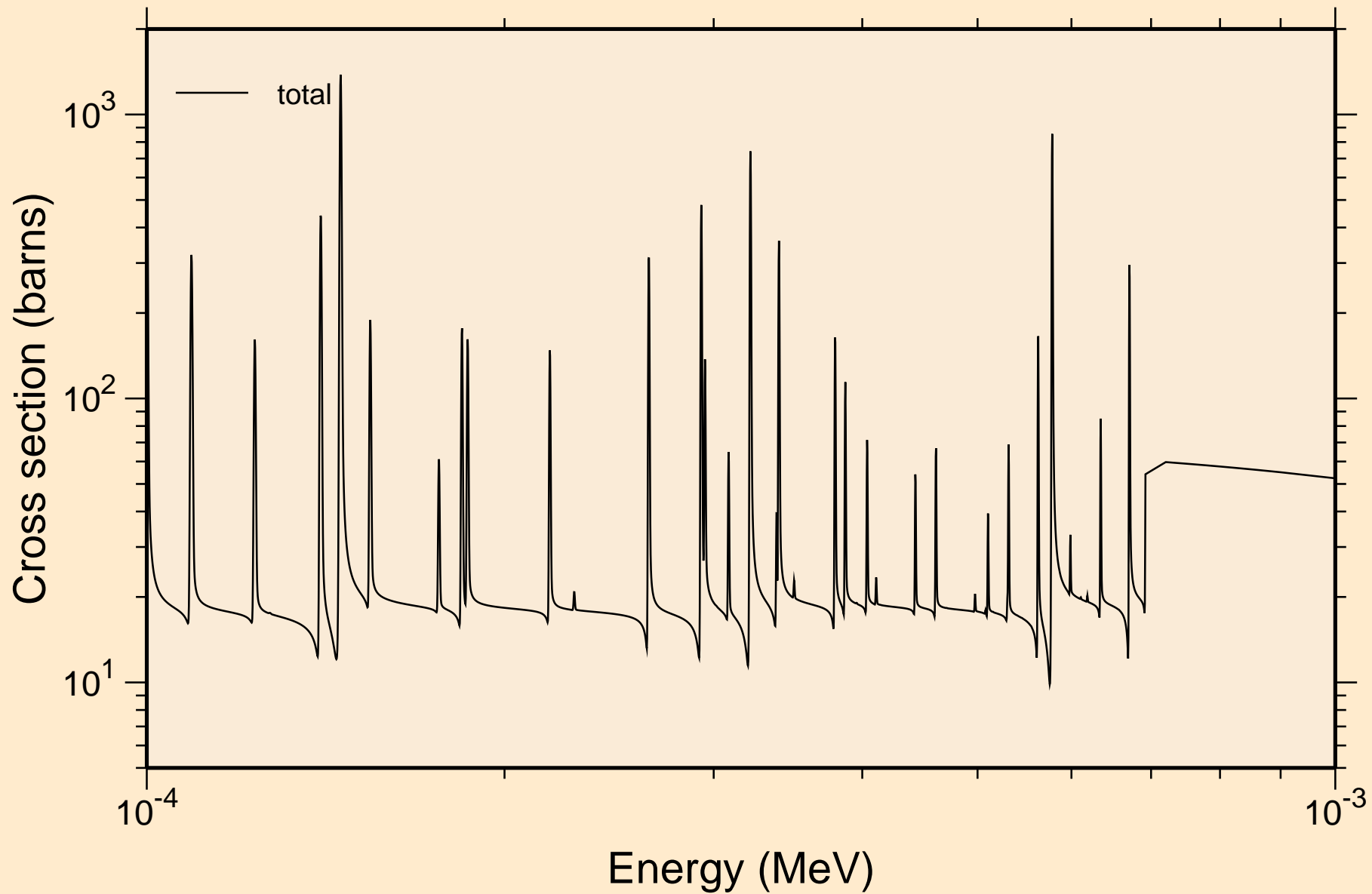
HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



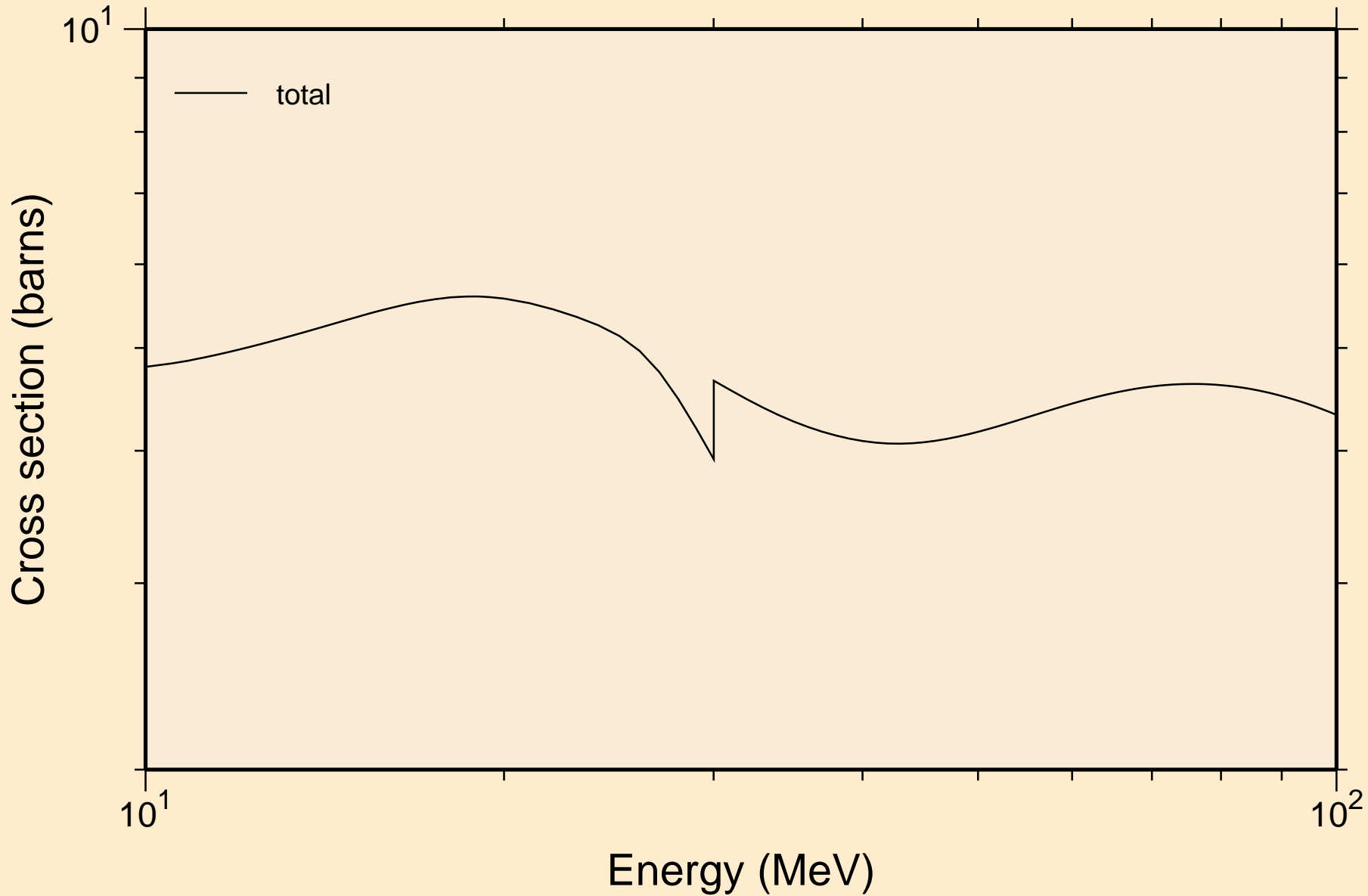
HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



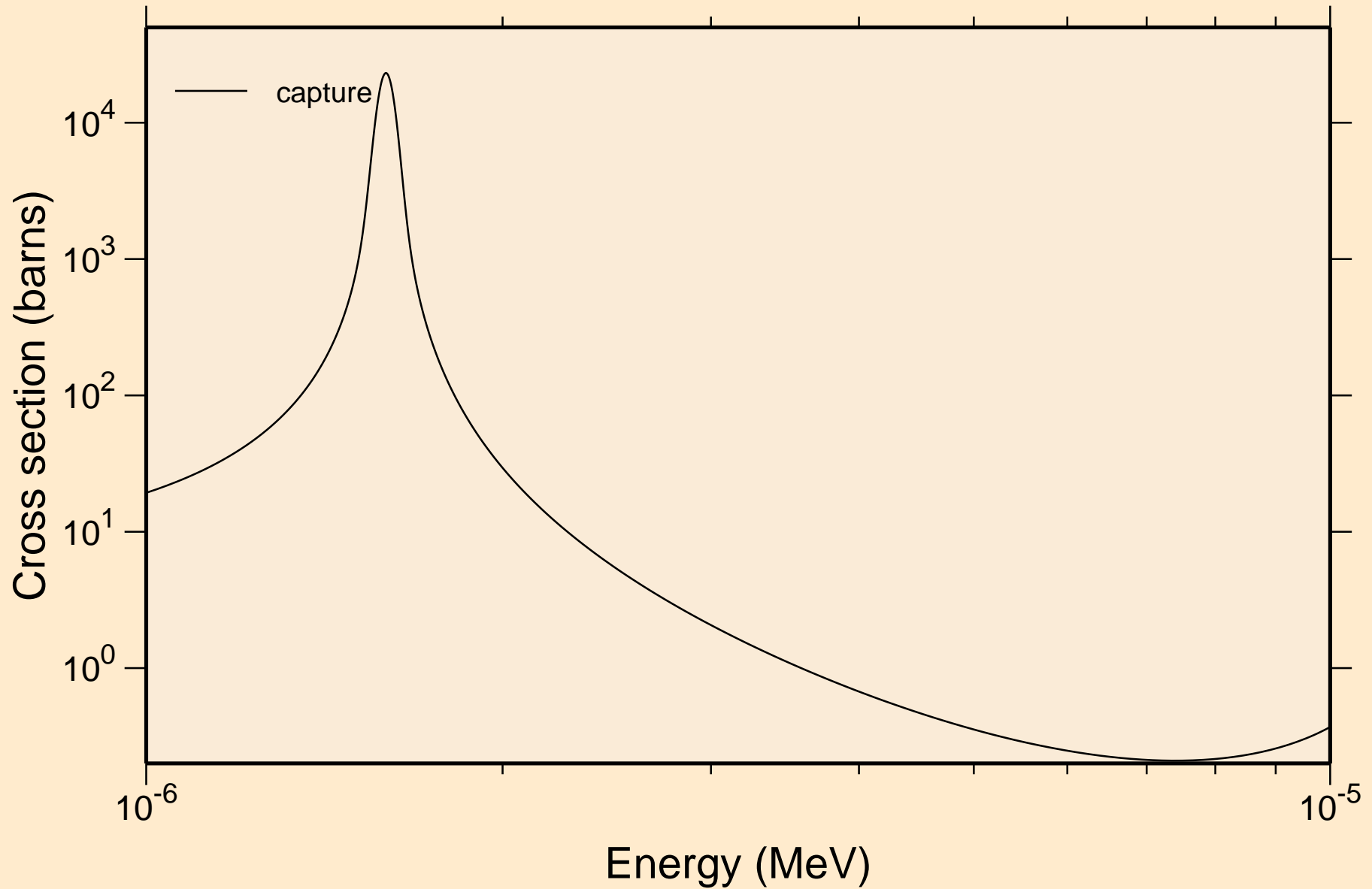
HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



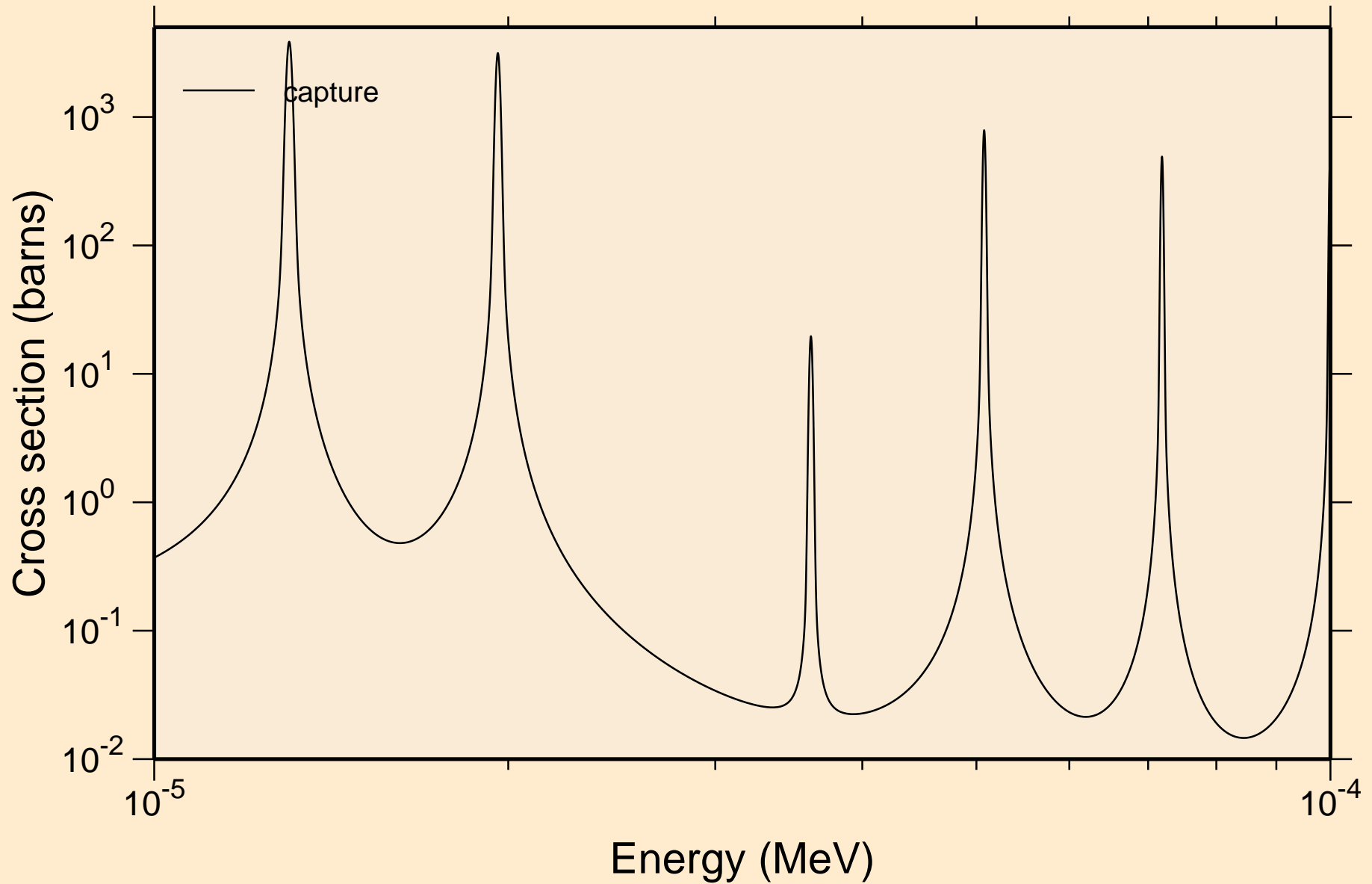
HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



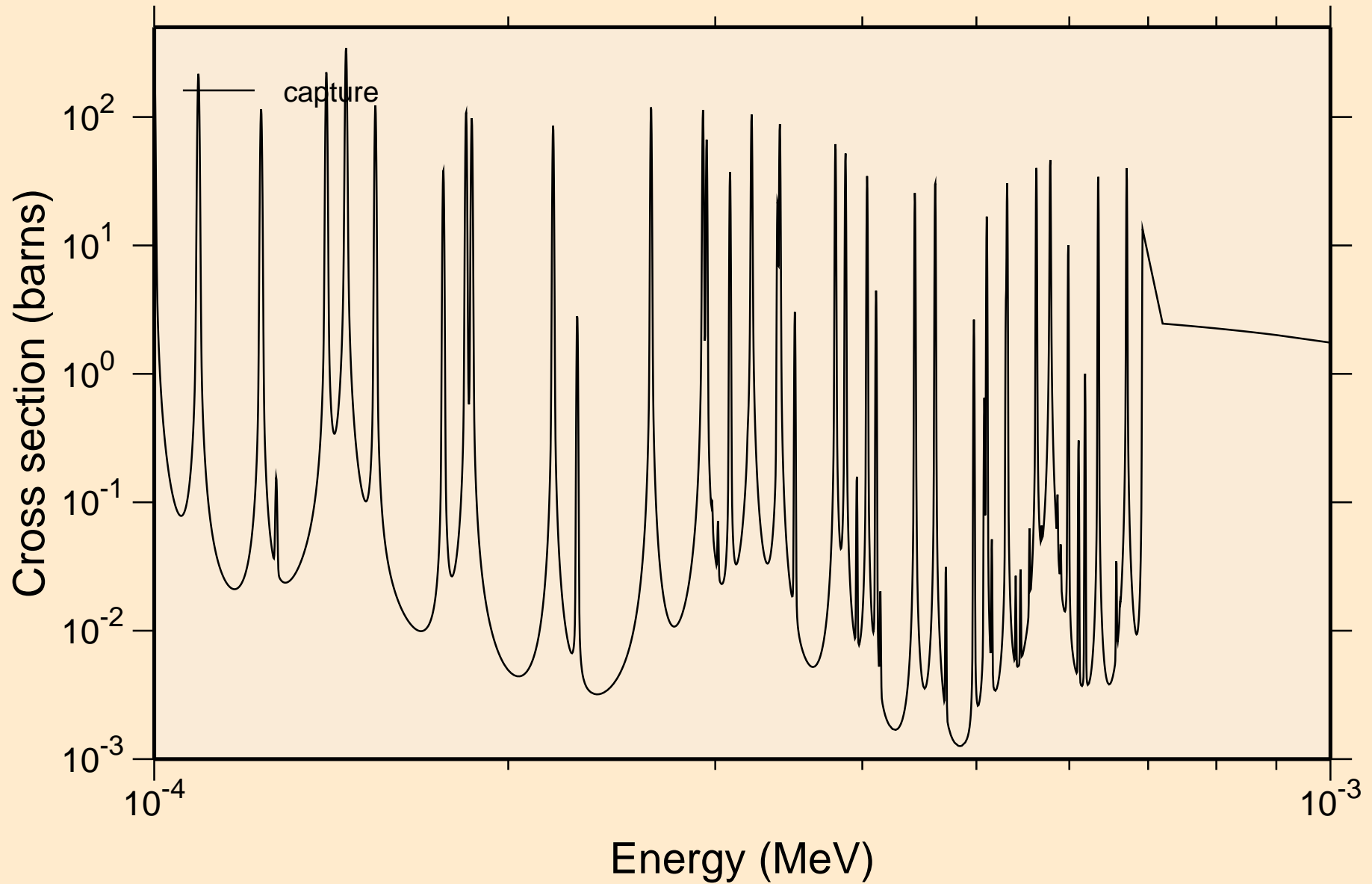
HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

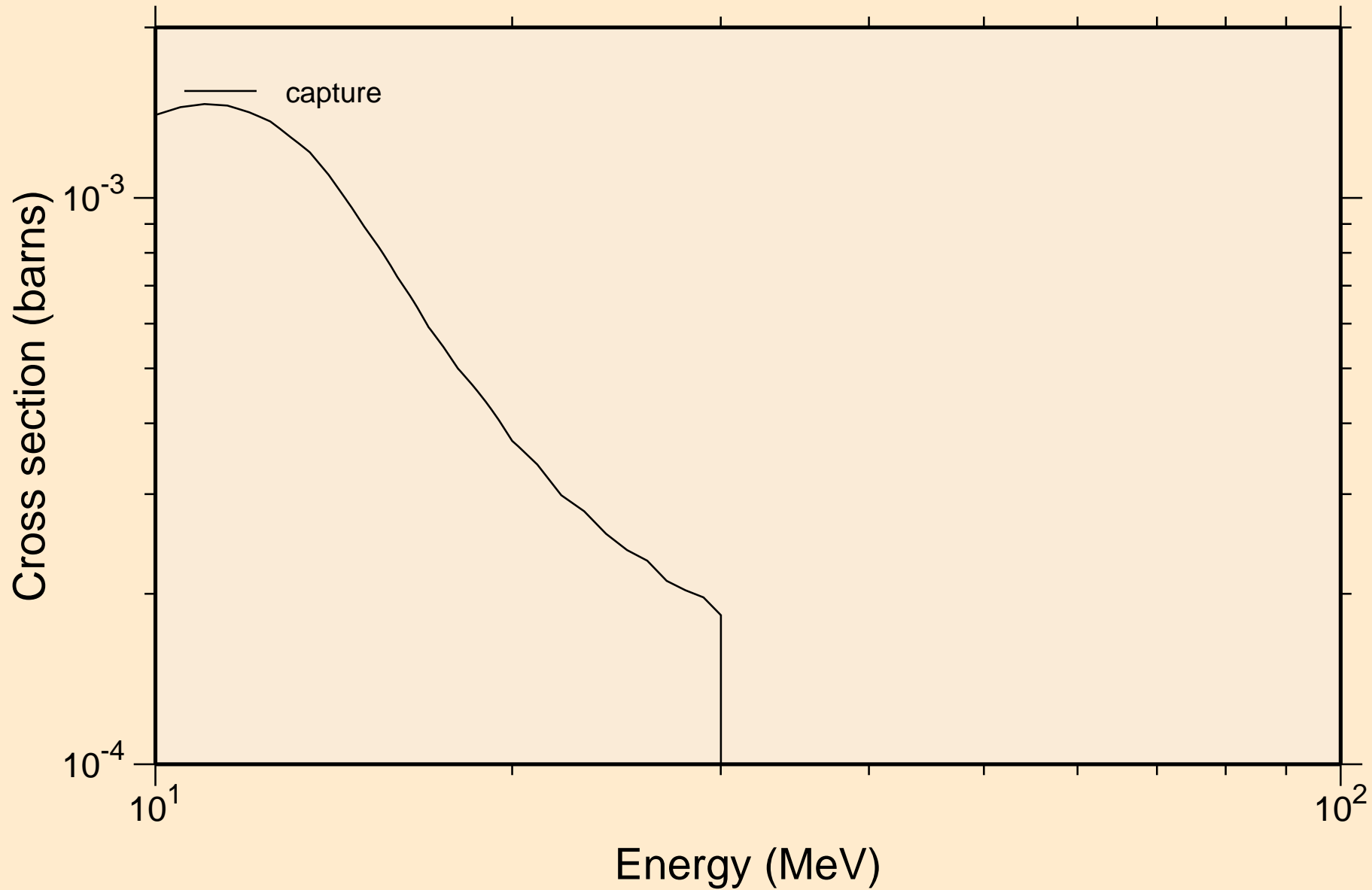


HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

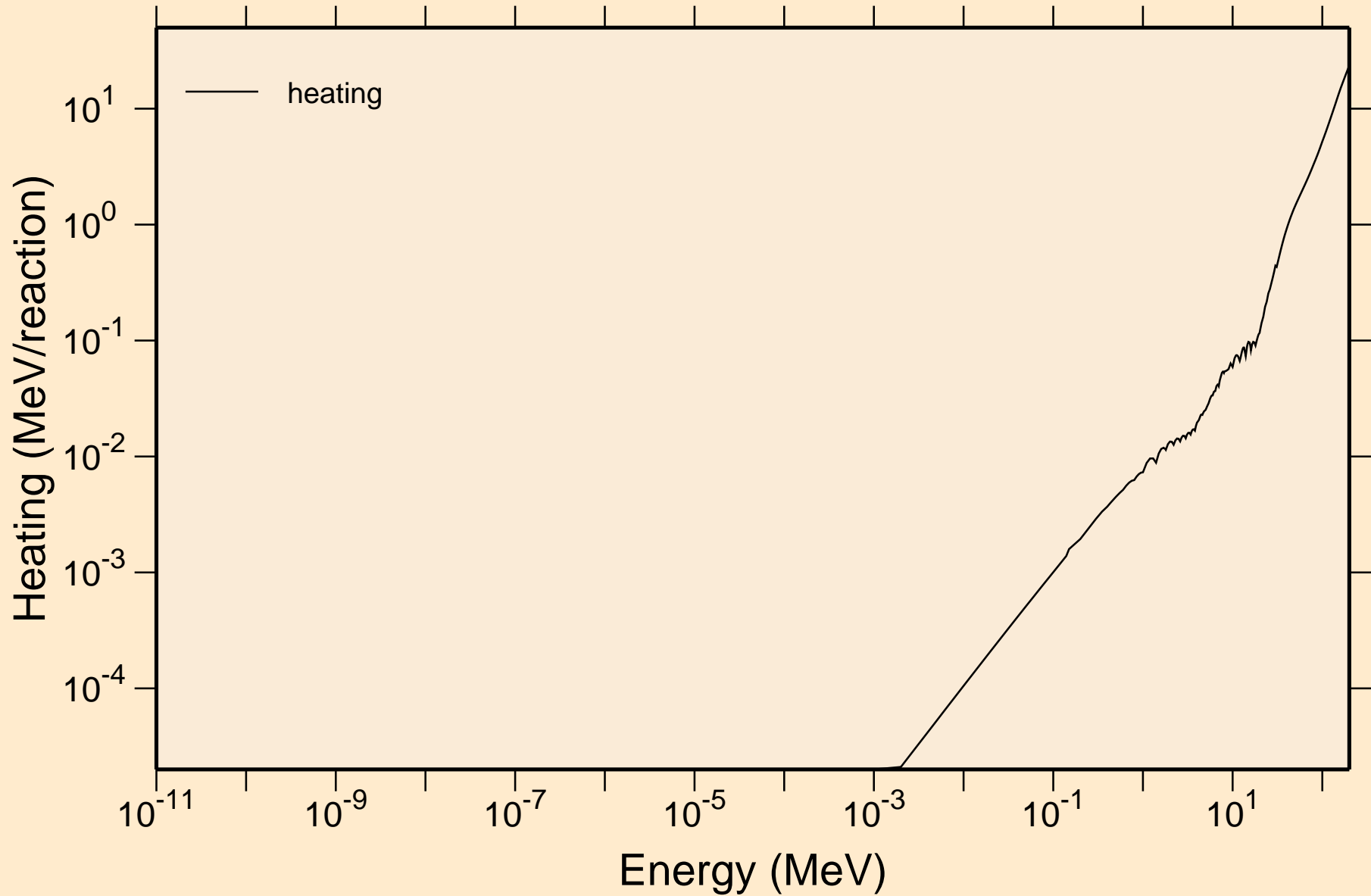




HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

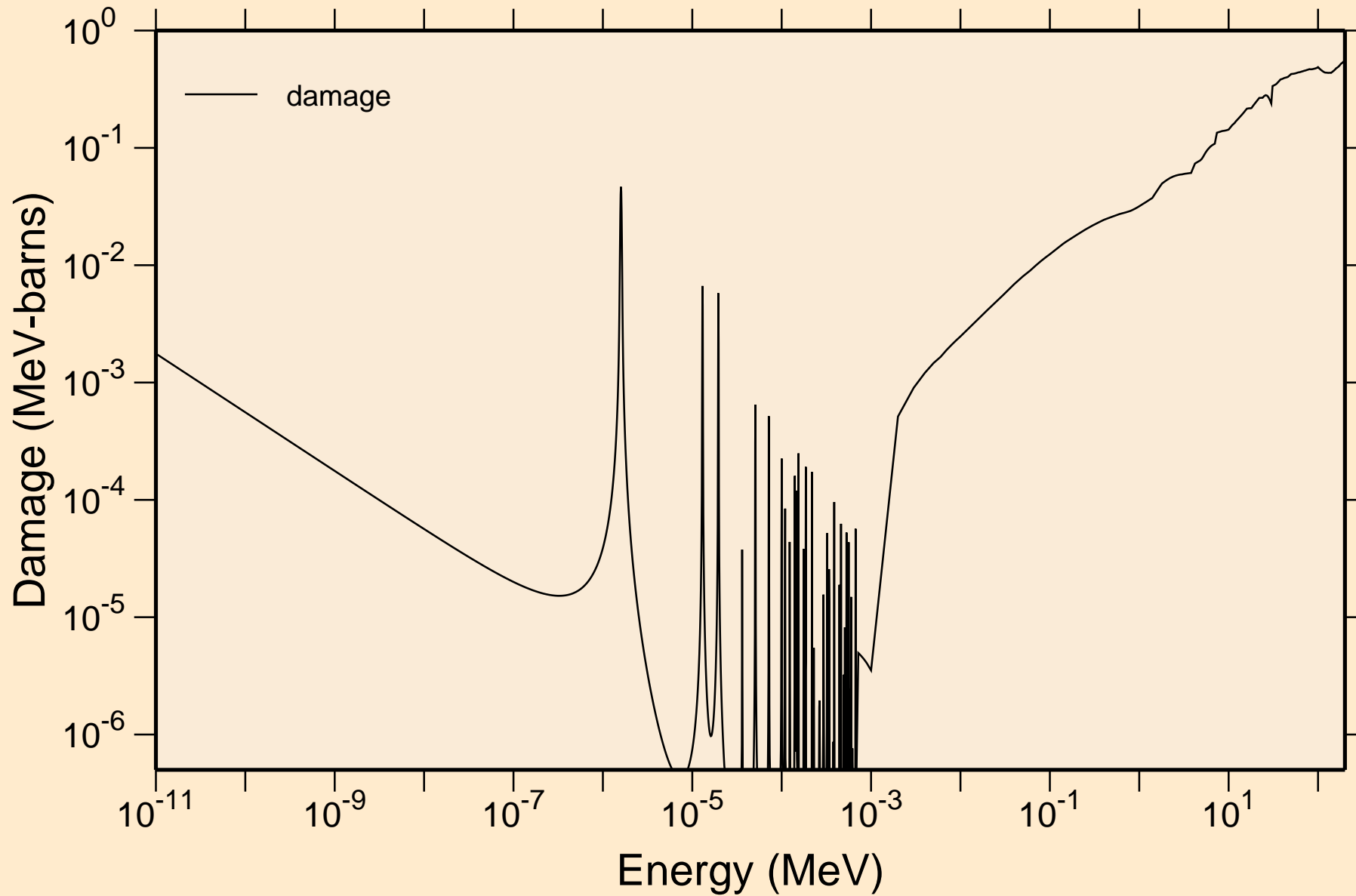


HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating

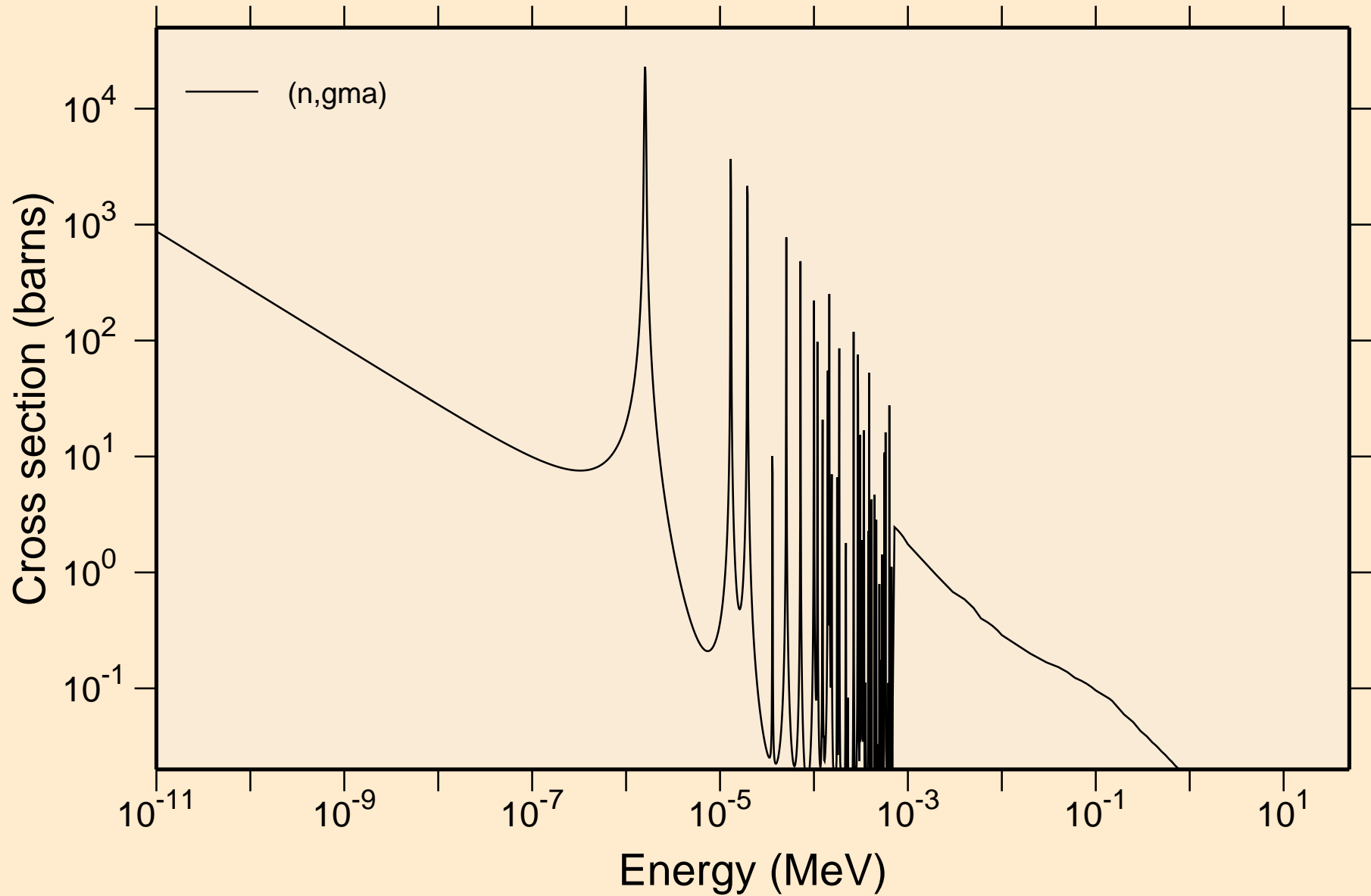


# HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Damage

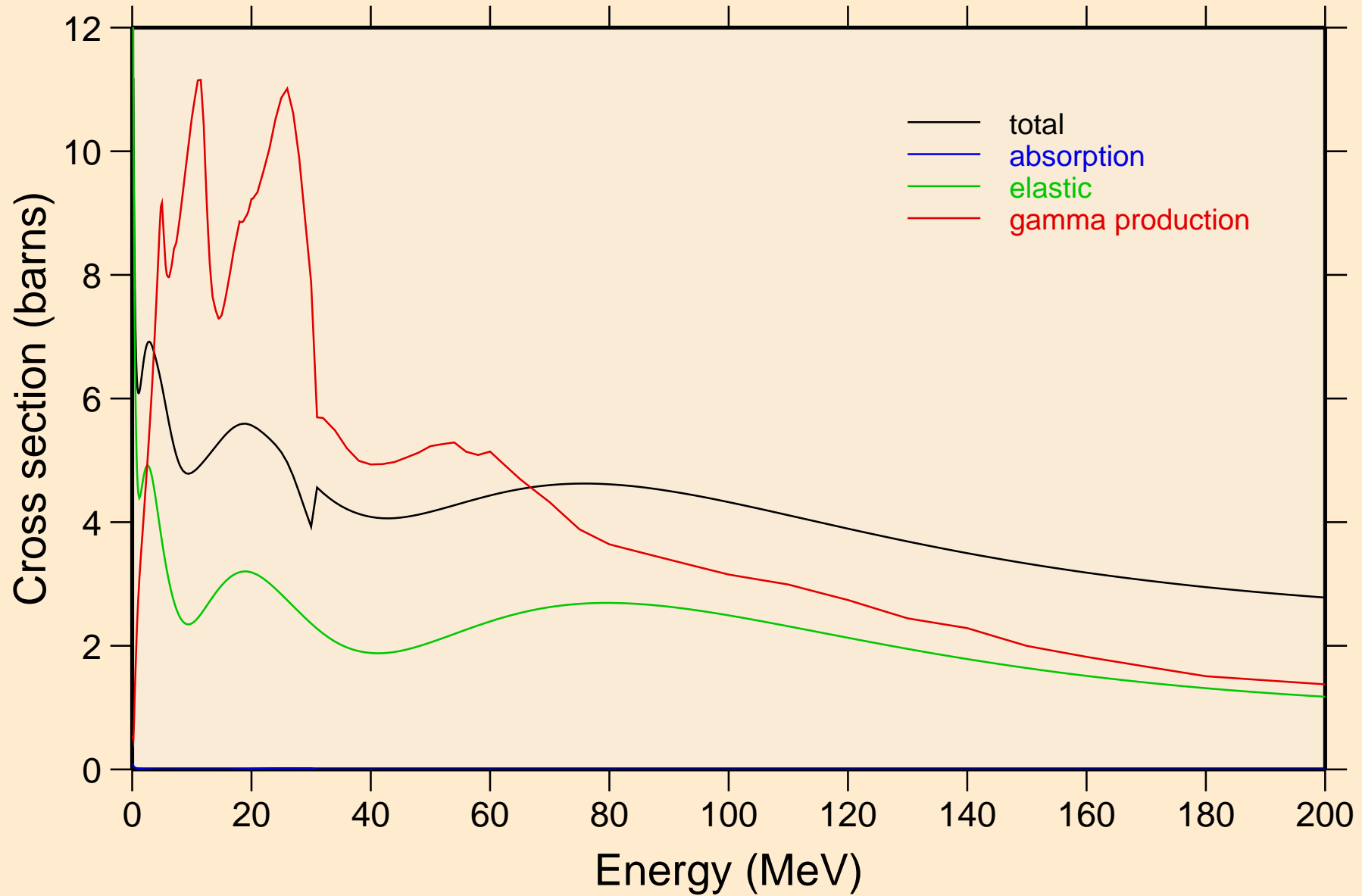


HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions

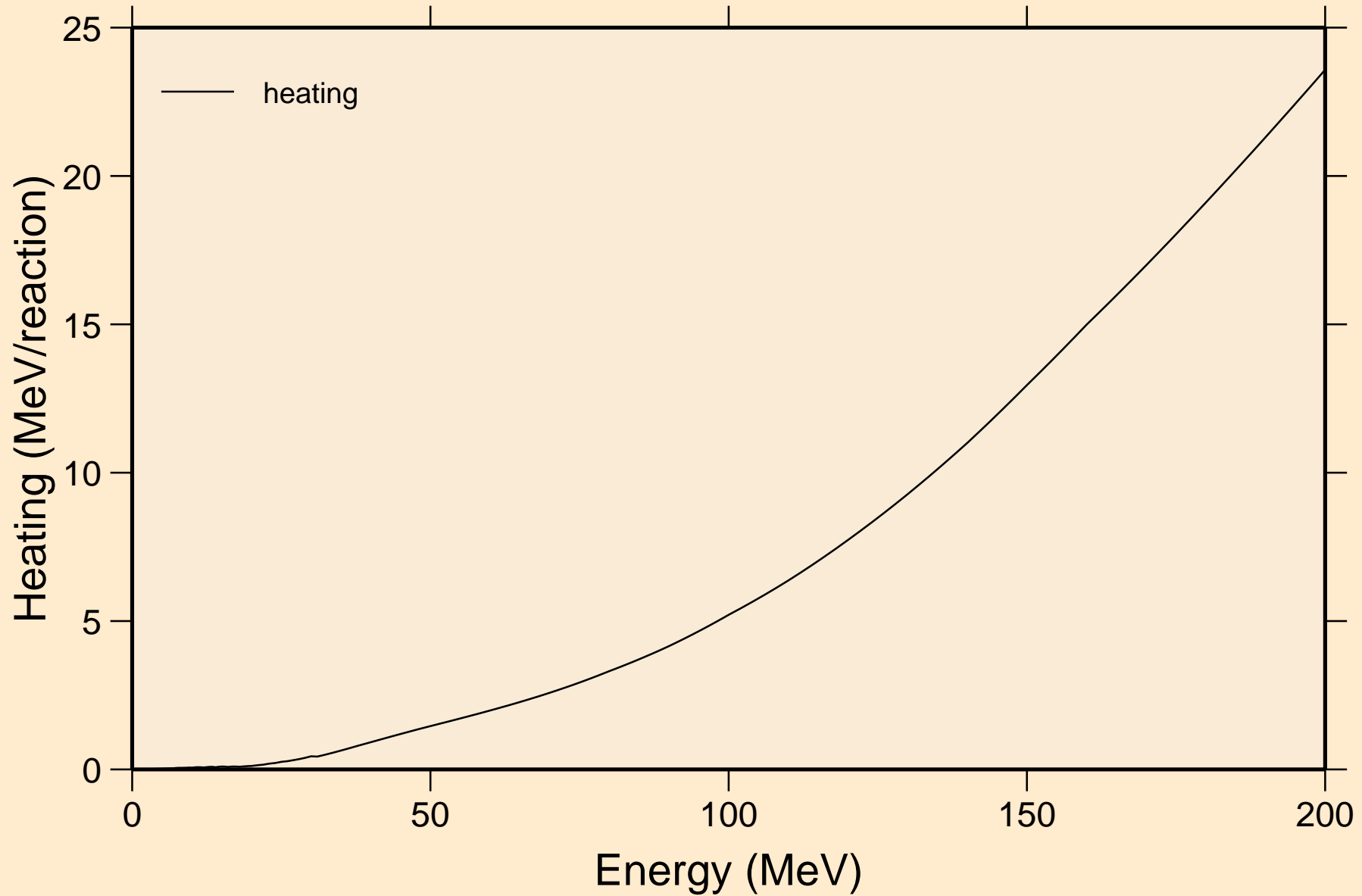


# HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Principal cross sections

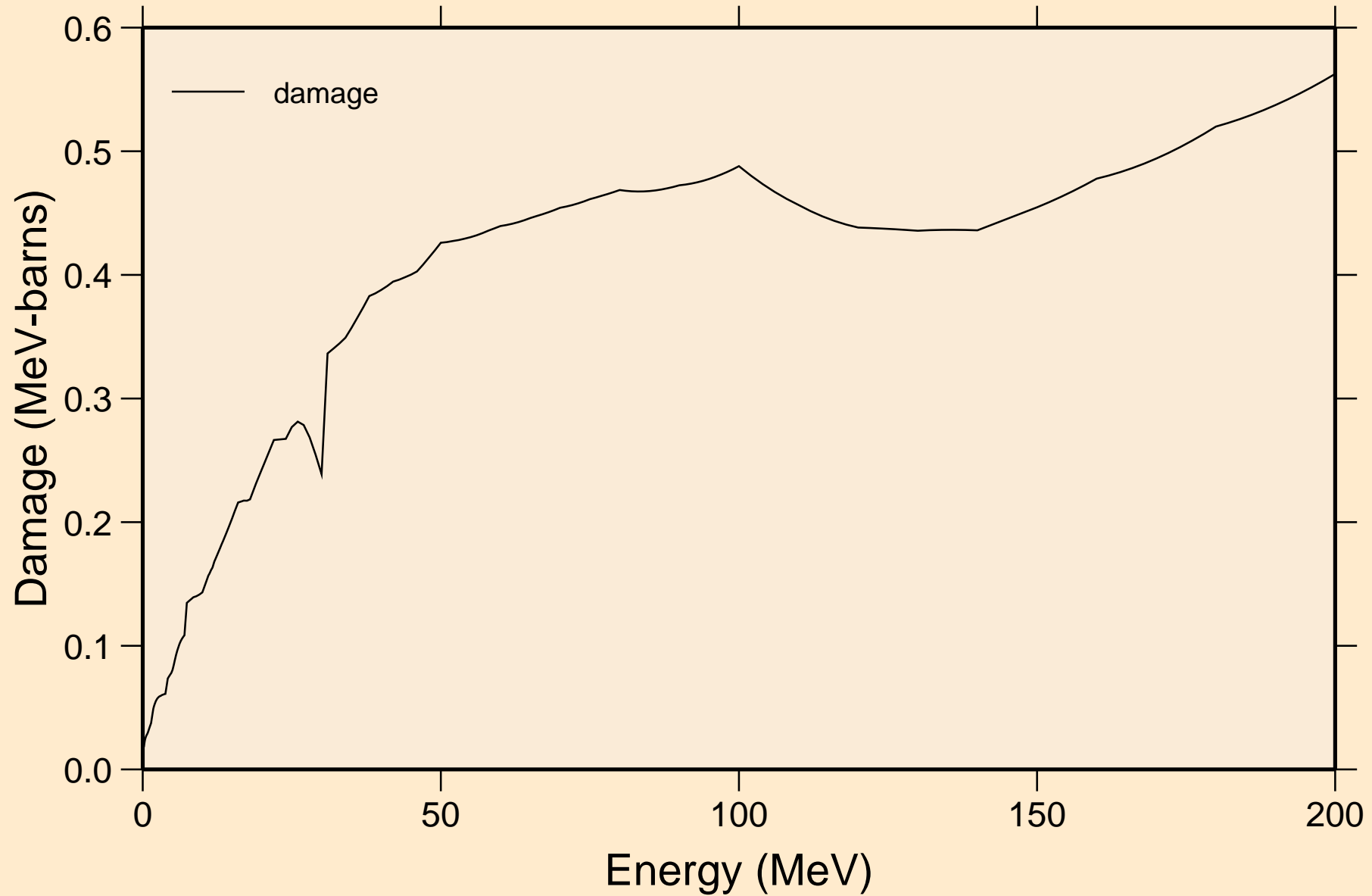


HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating

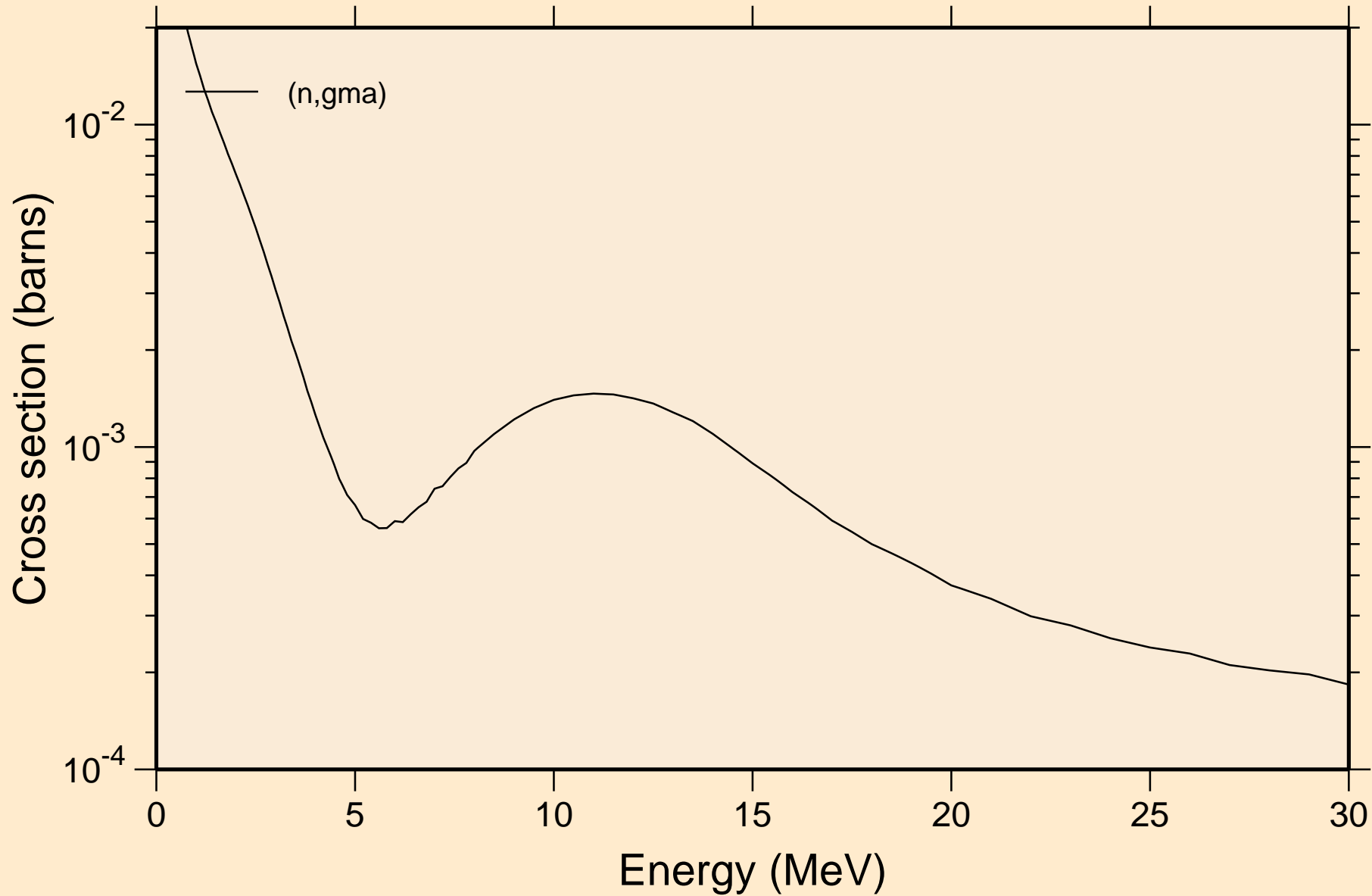


# HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Damage

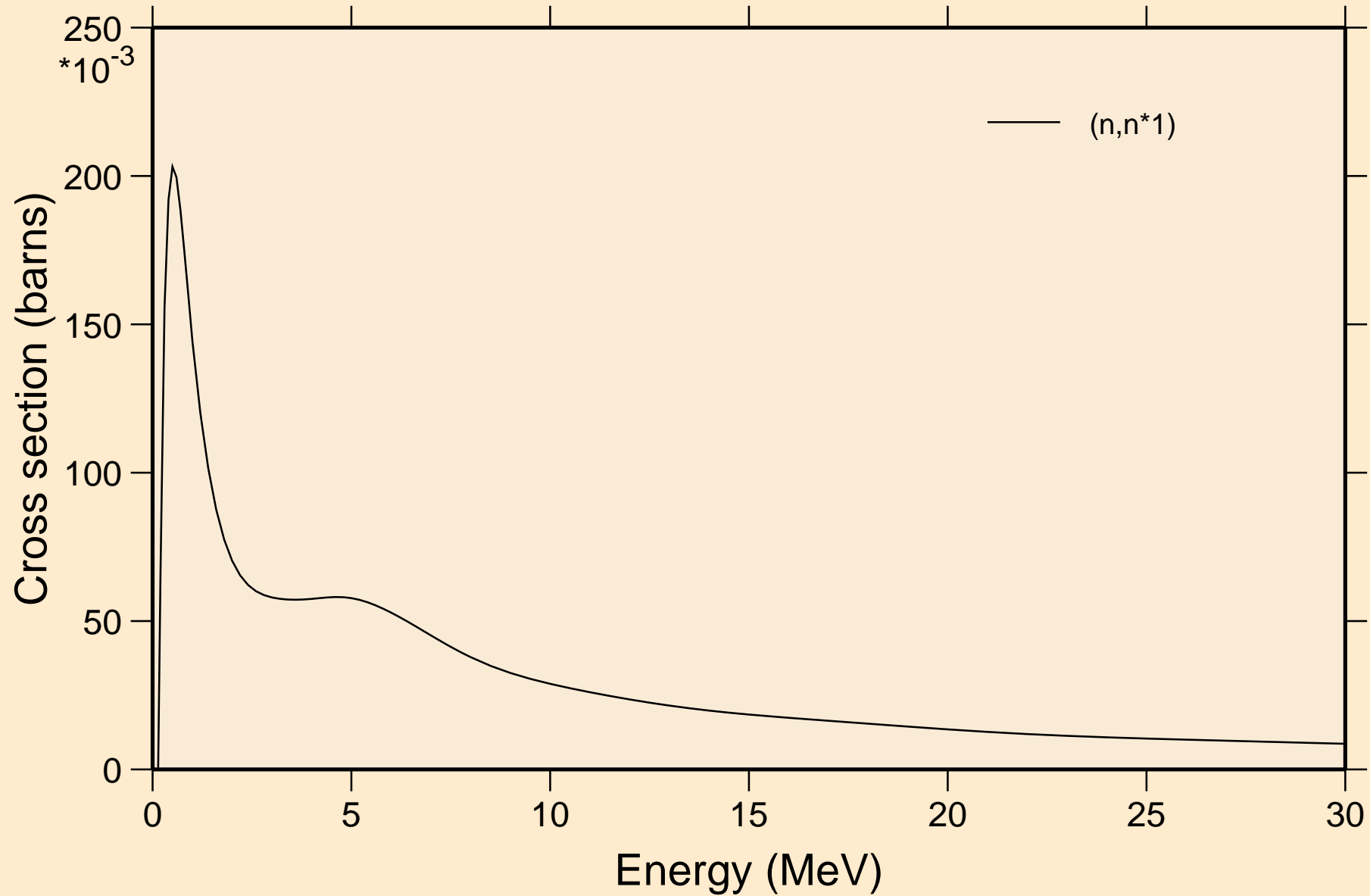


HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions

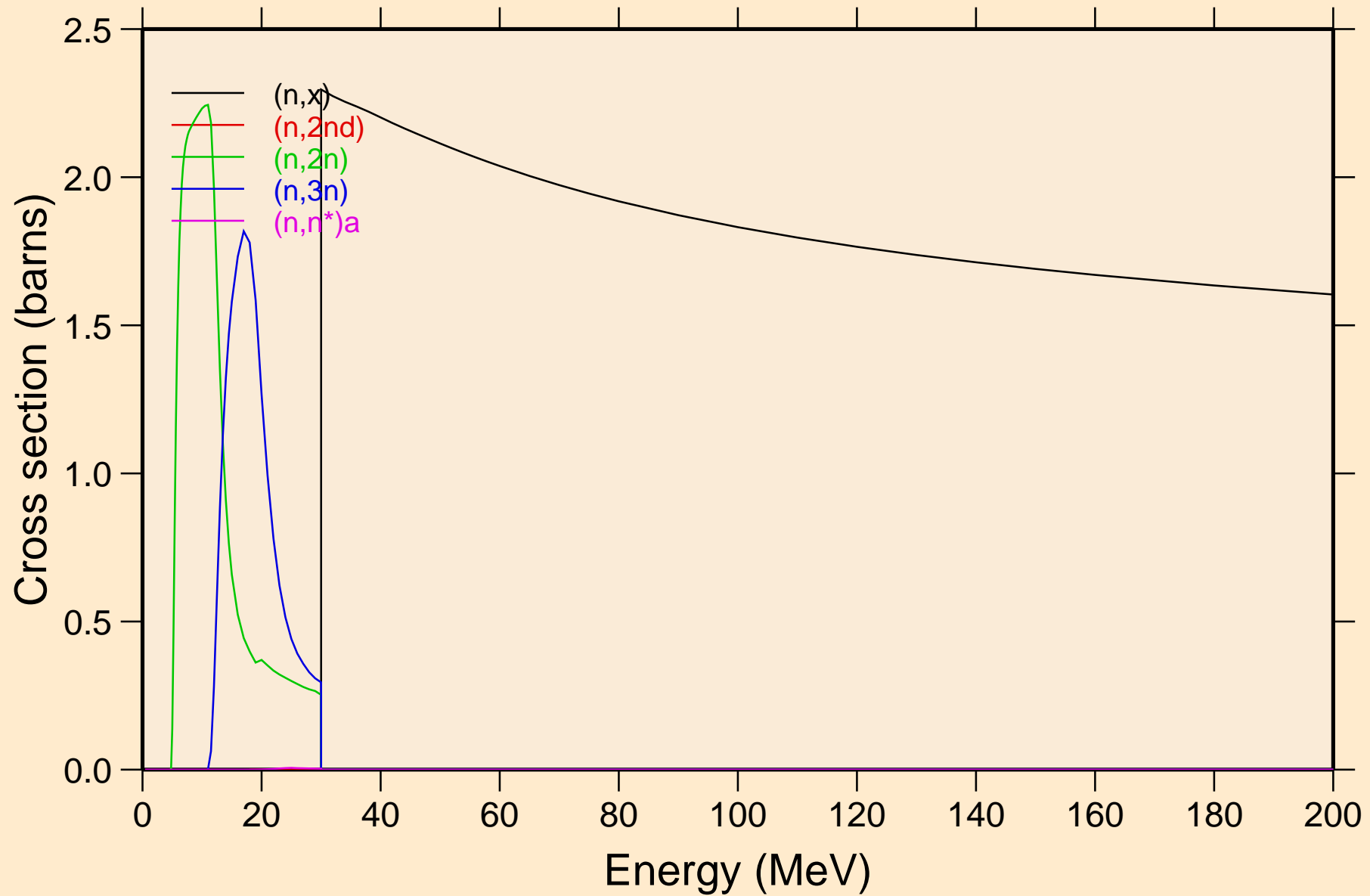




HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

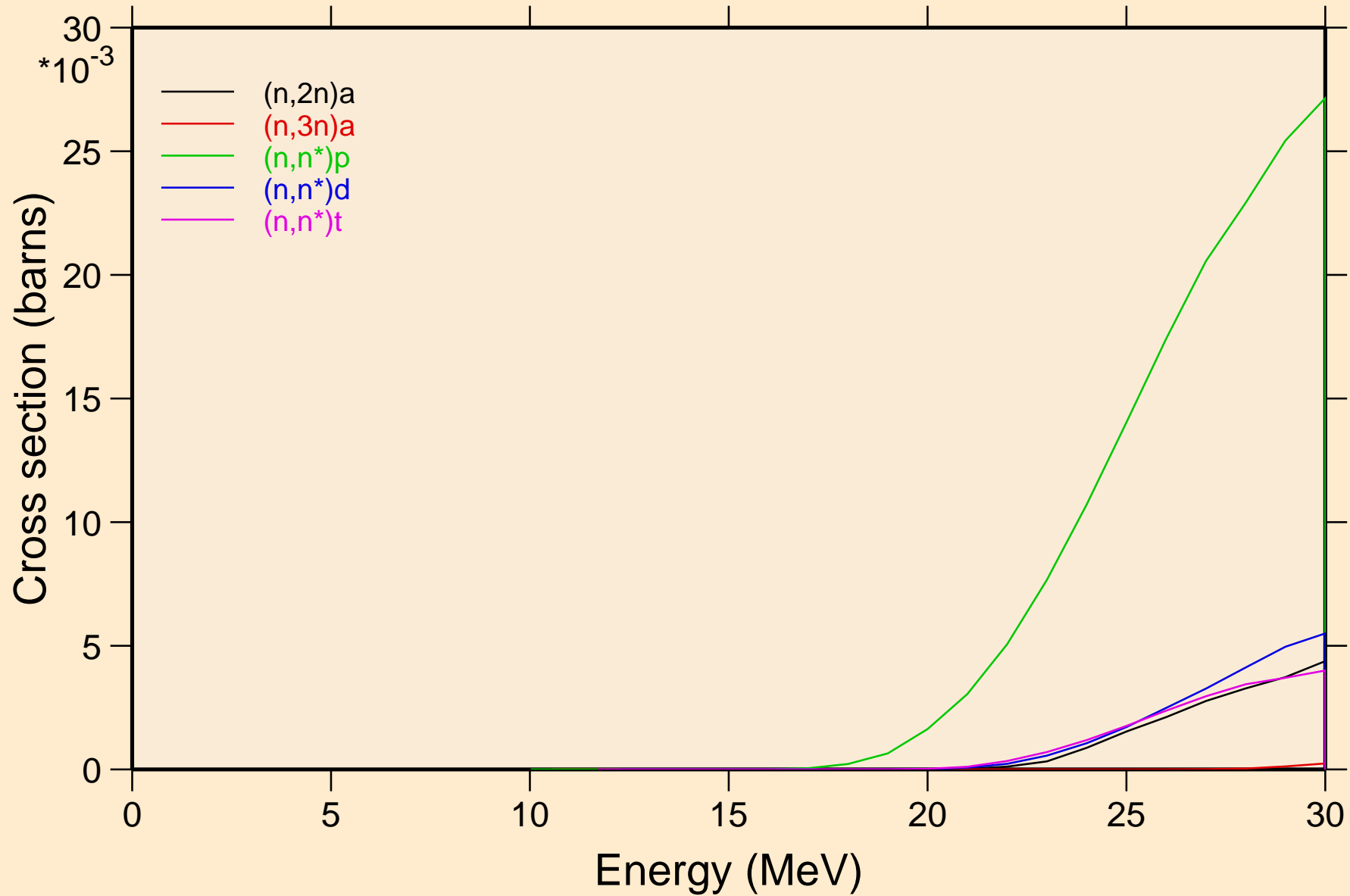


HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

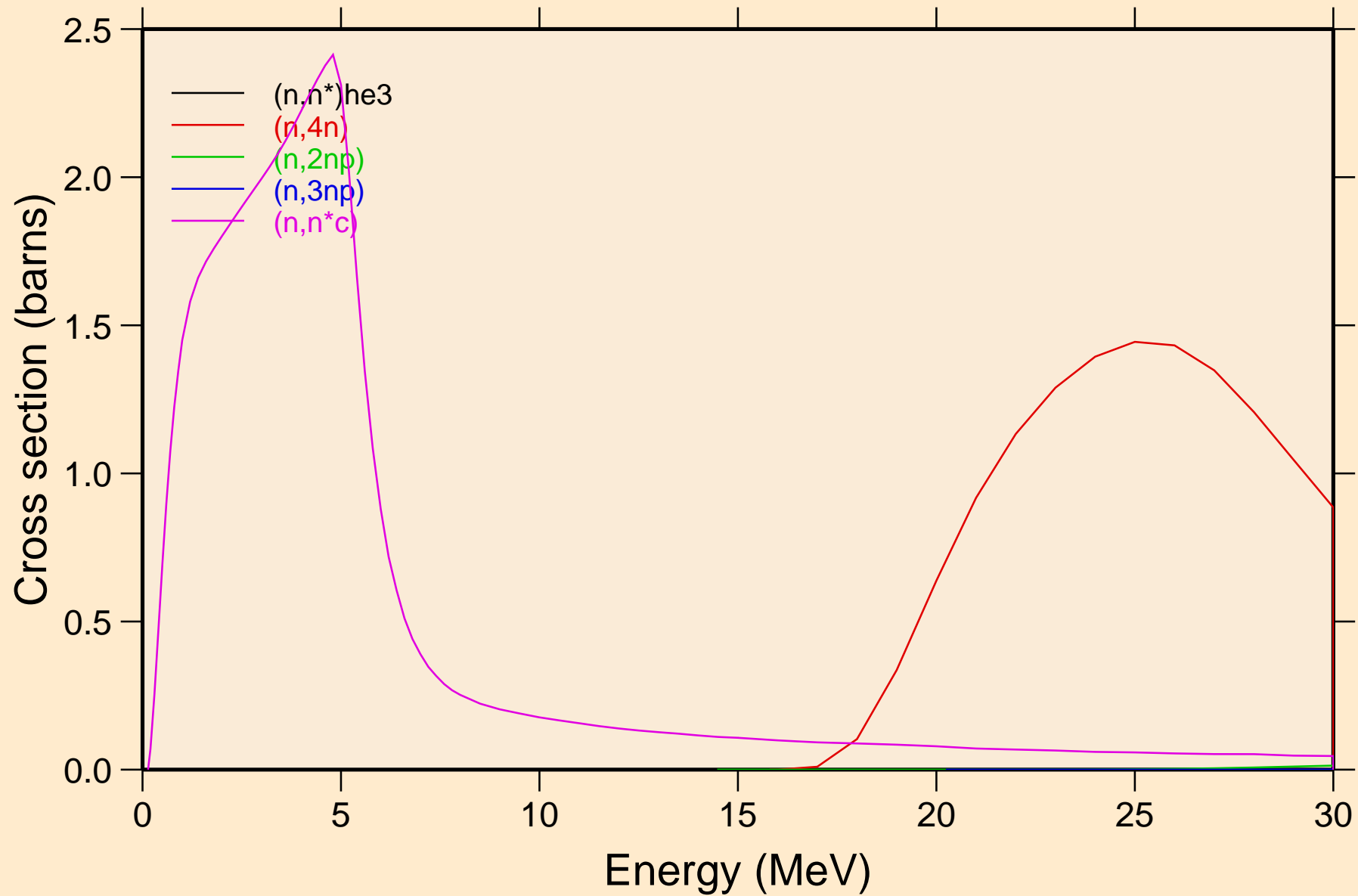


# HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Threshold reactions

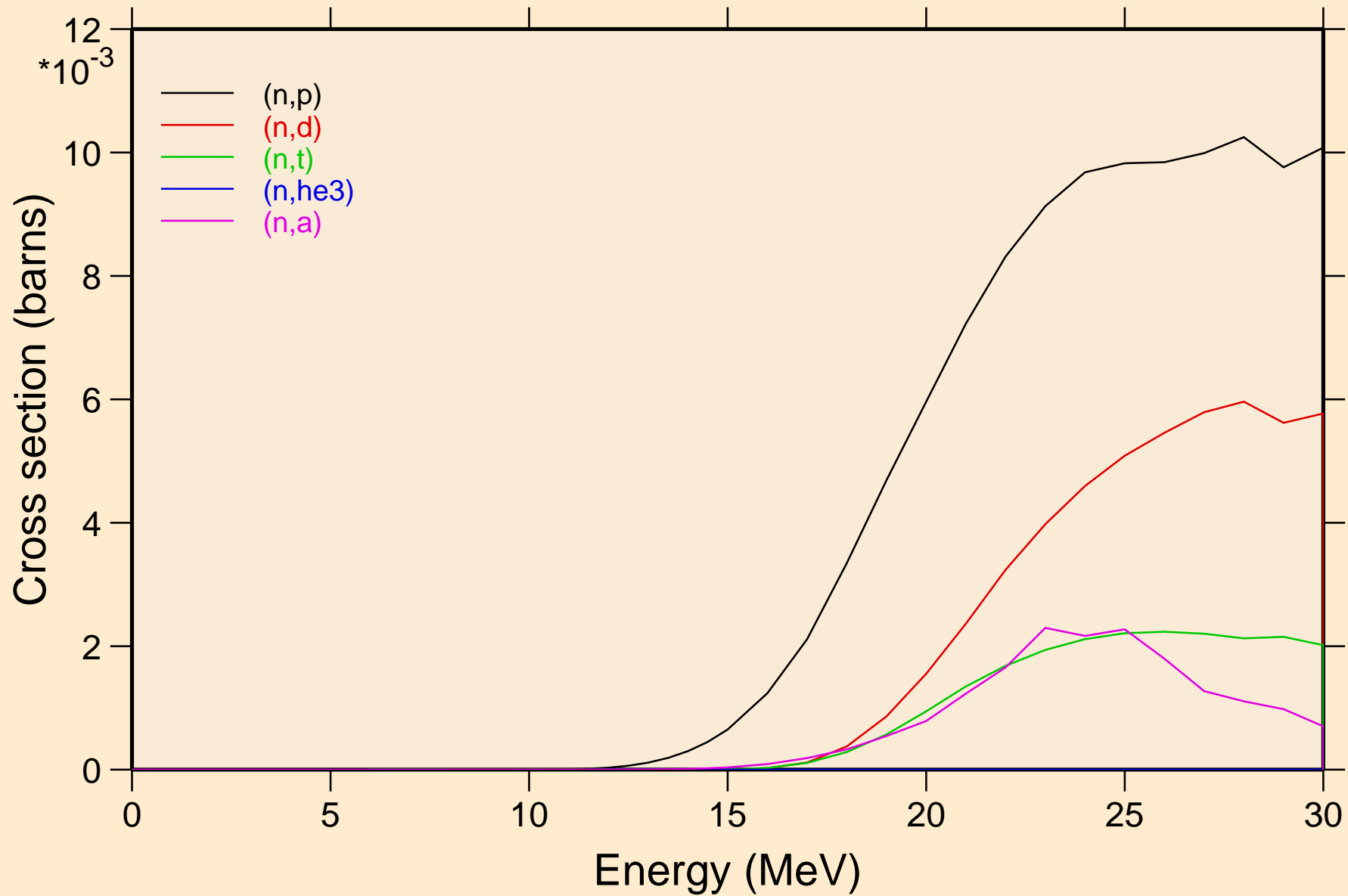


HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

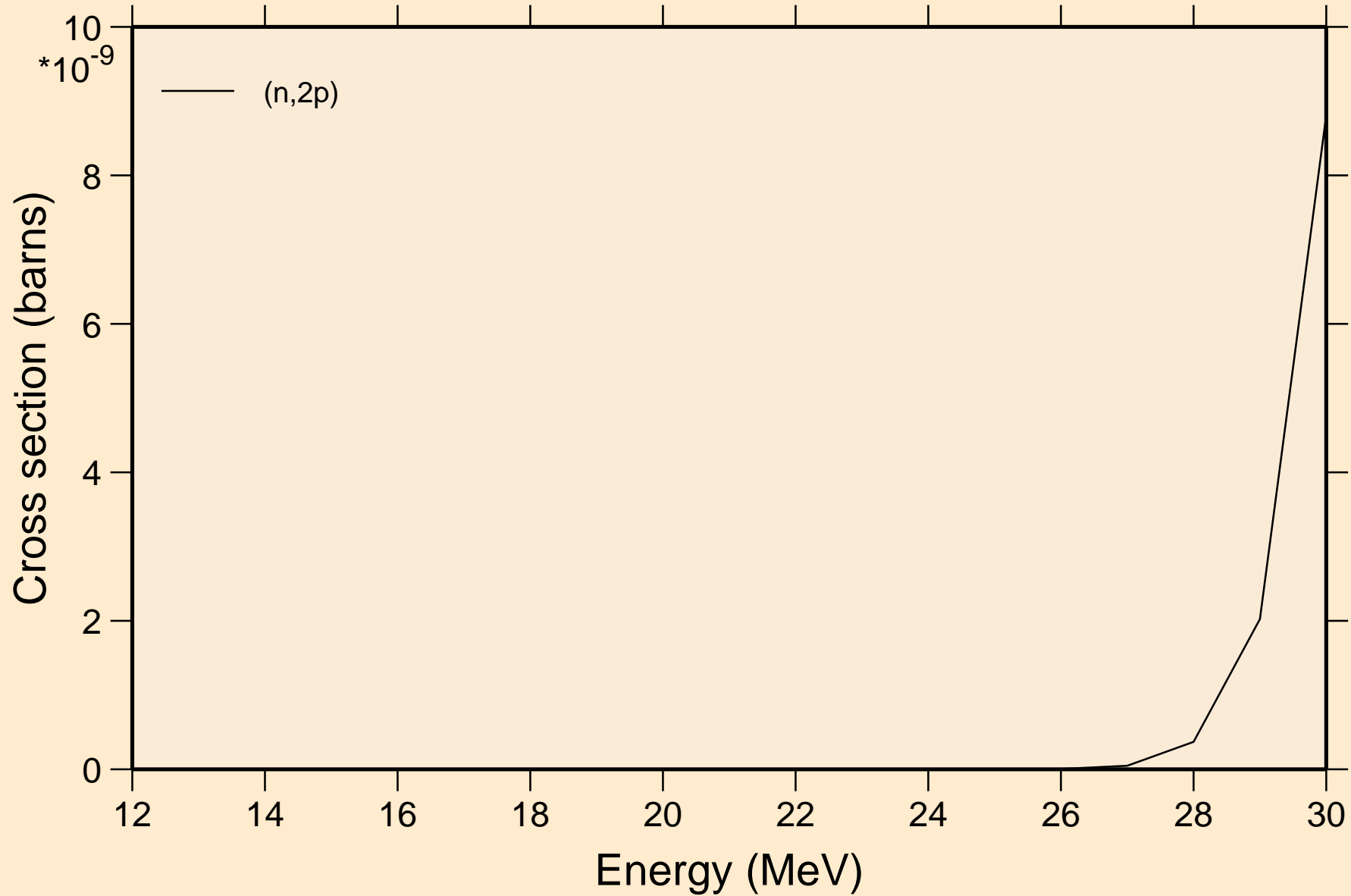


# HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Threshold reactions

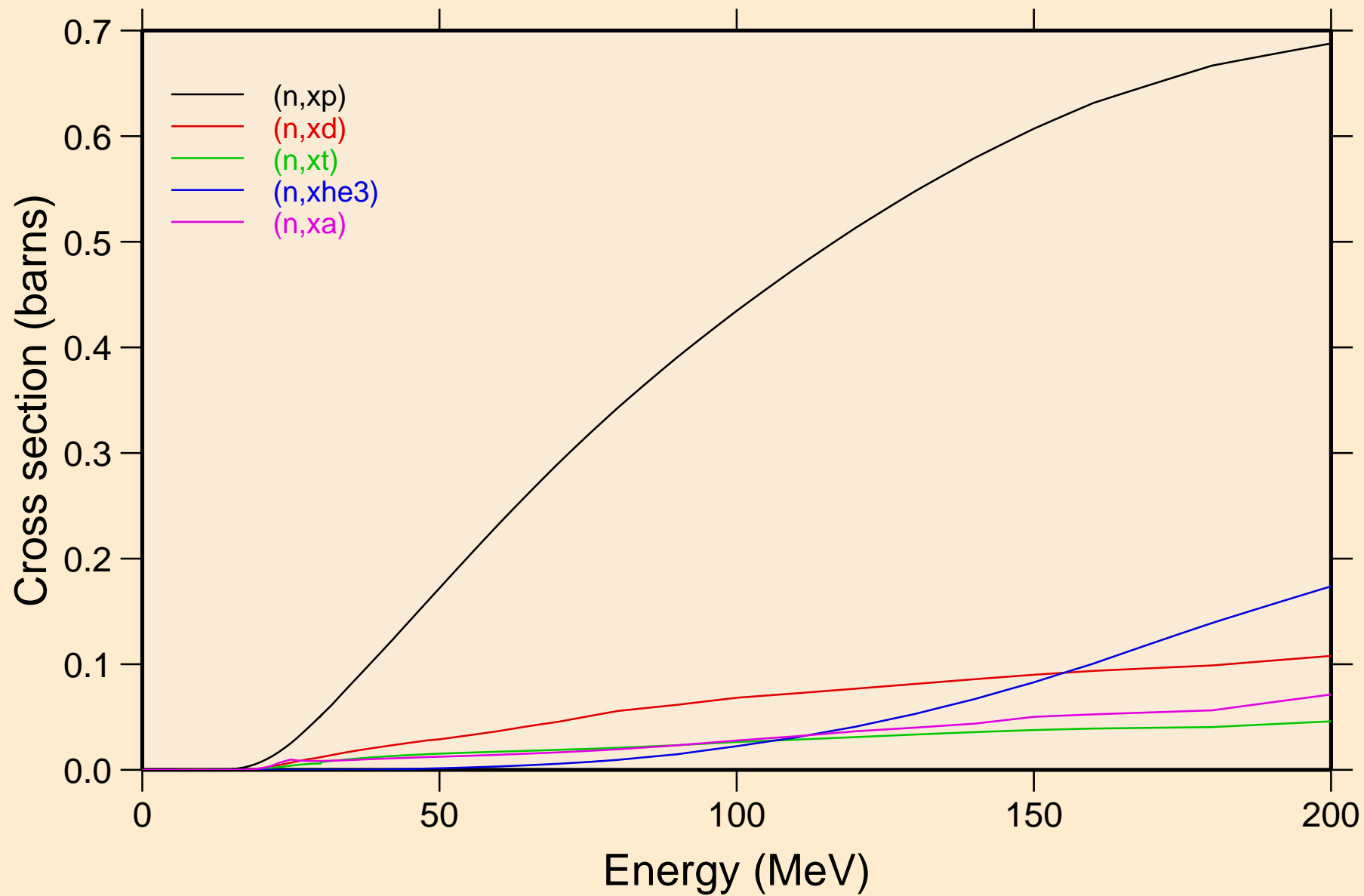


HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

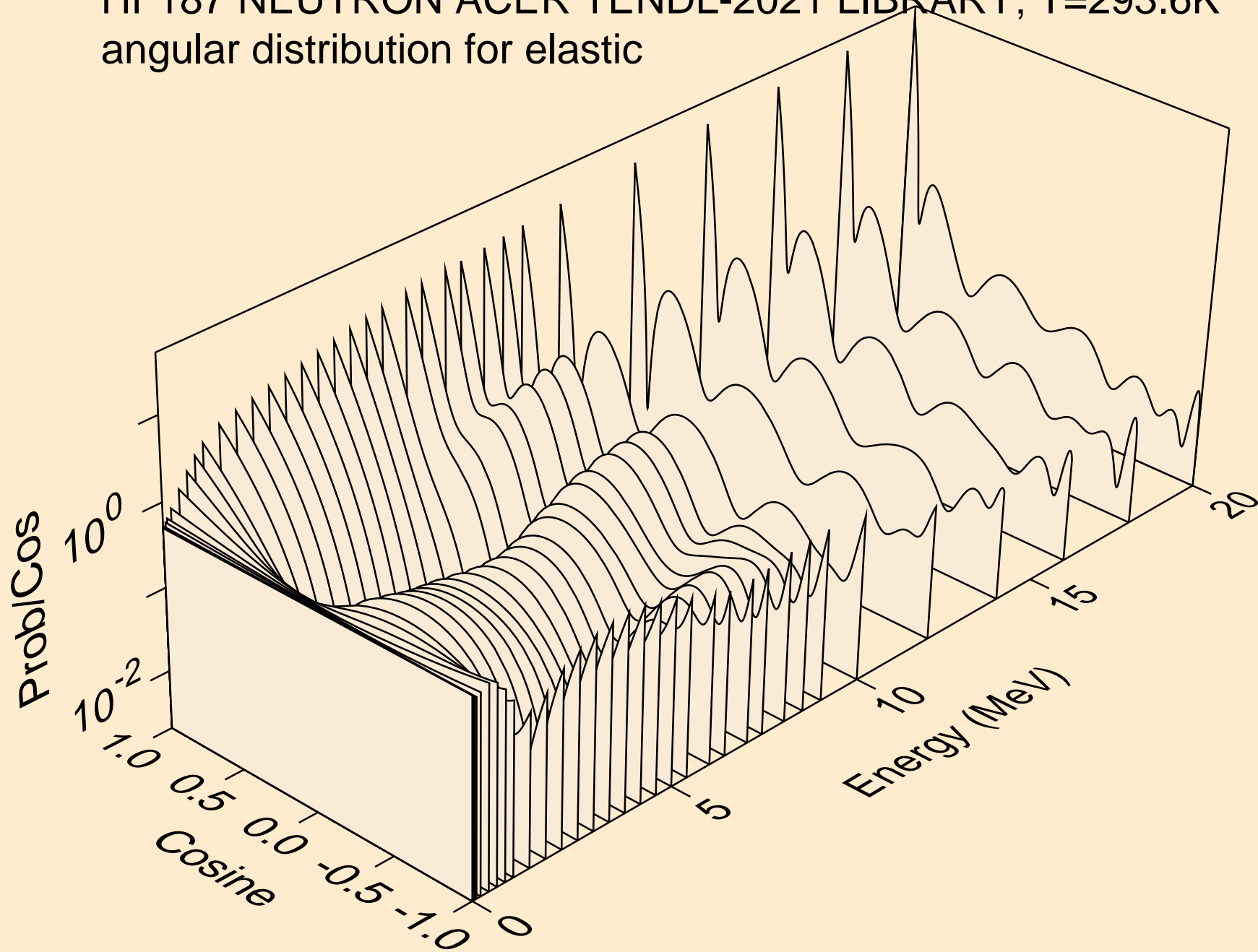


# HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Threshold reactions

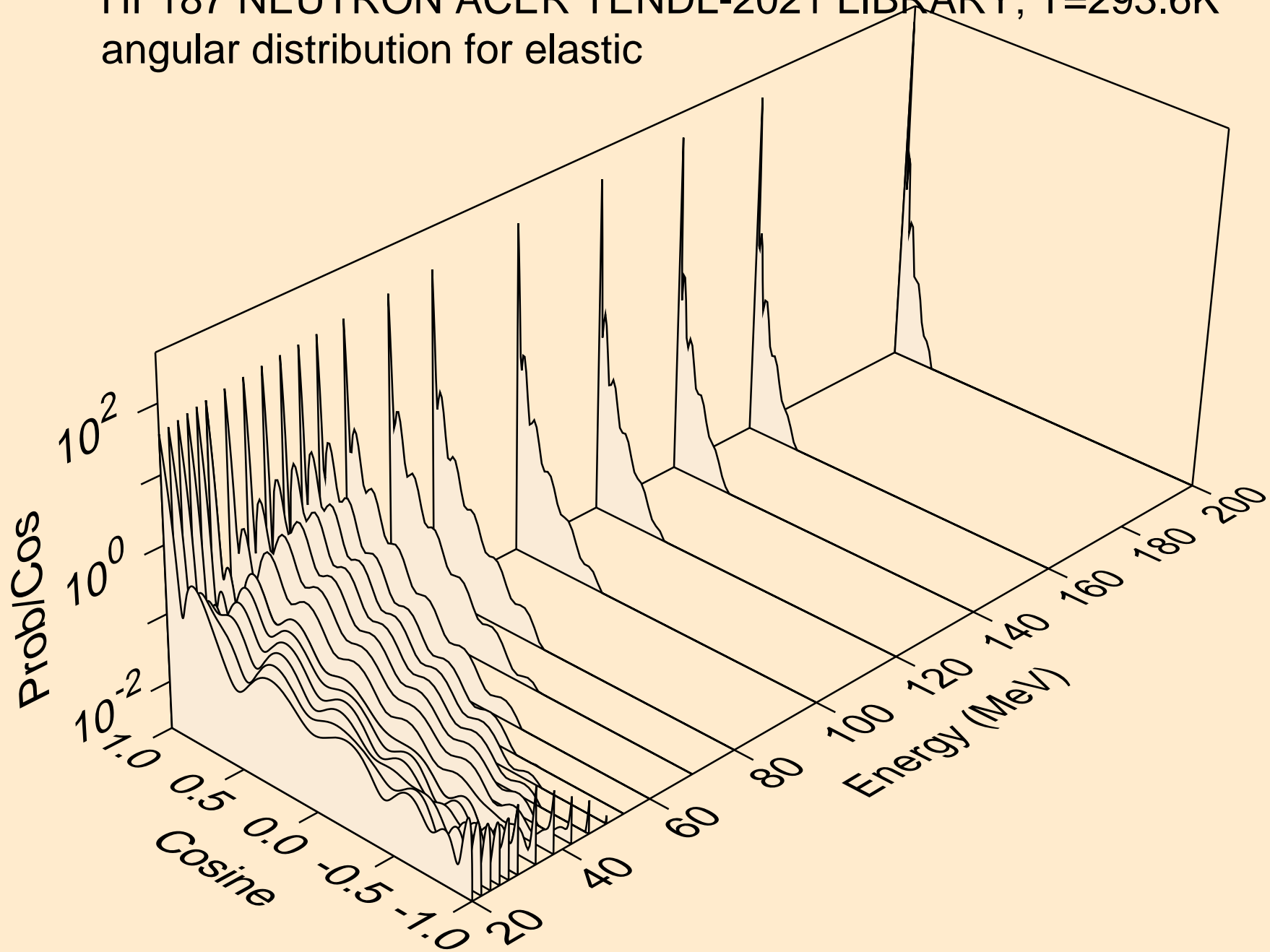


HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic

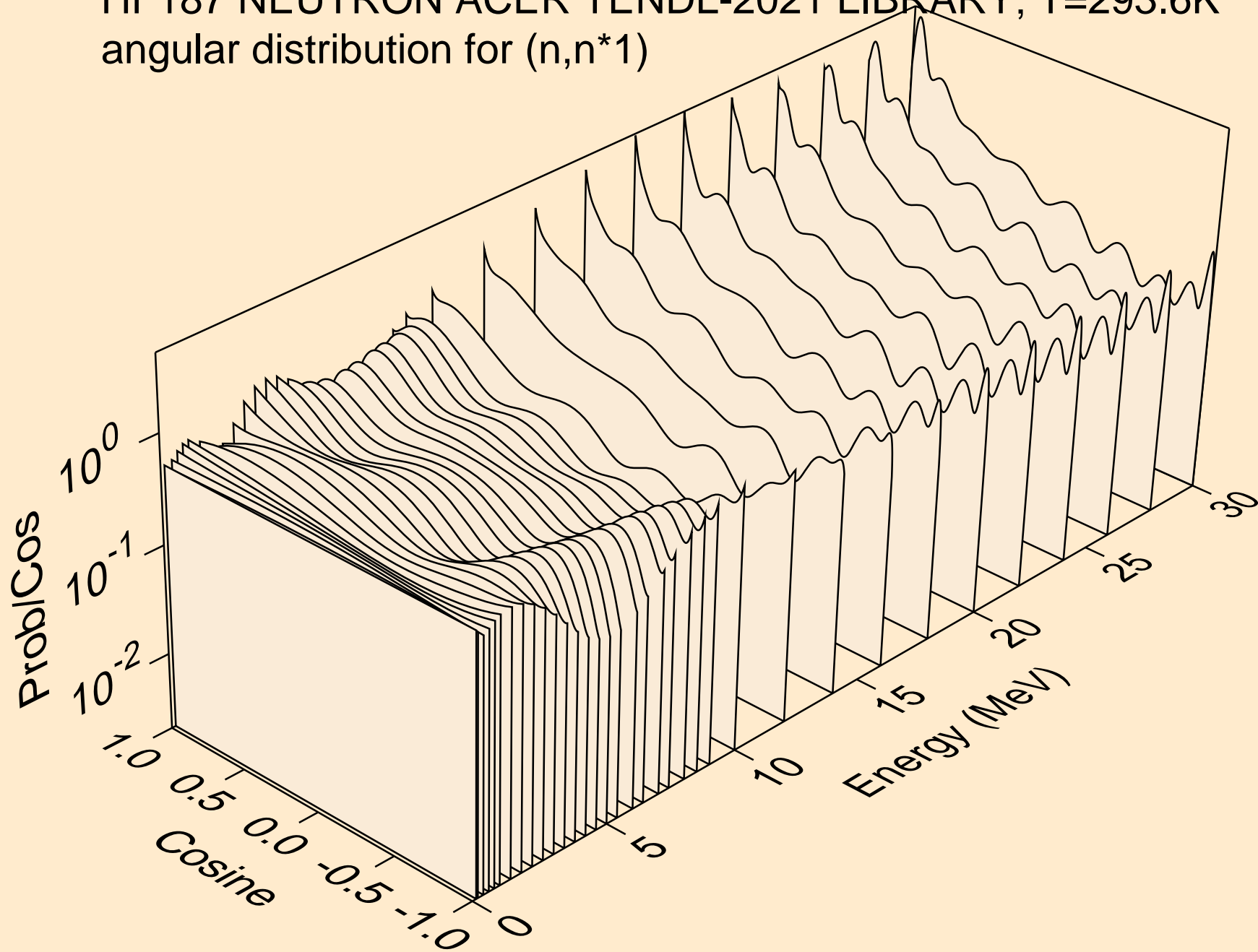




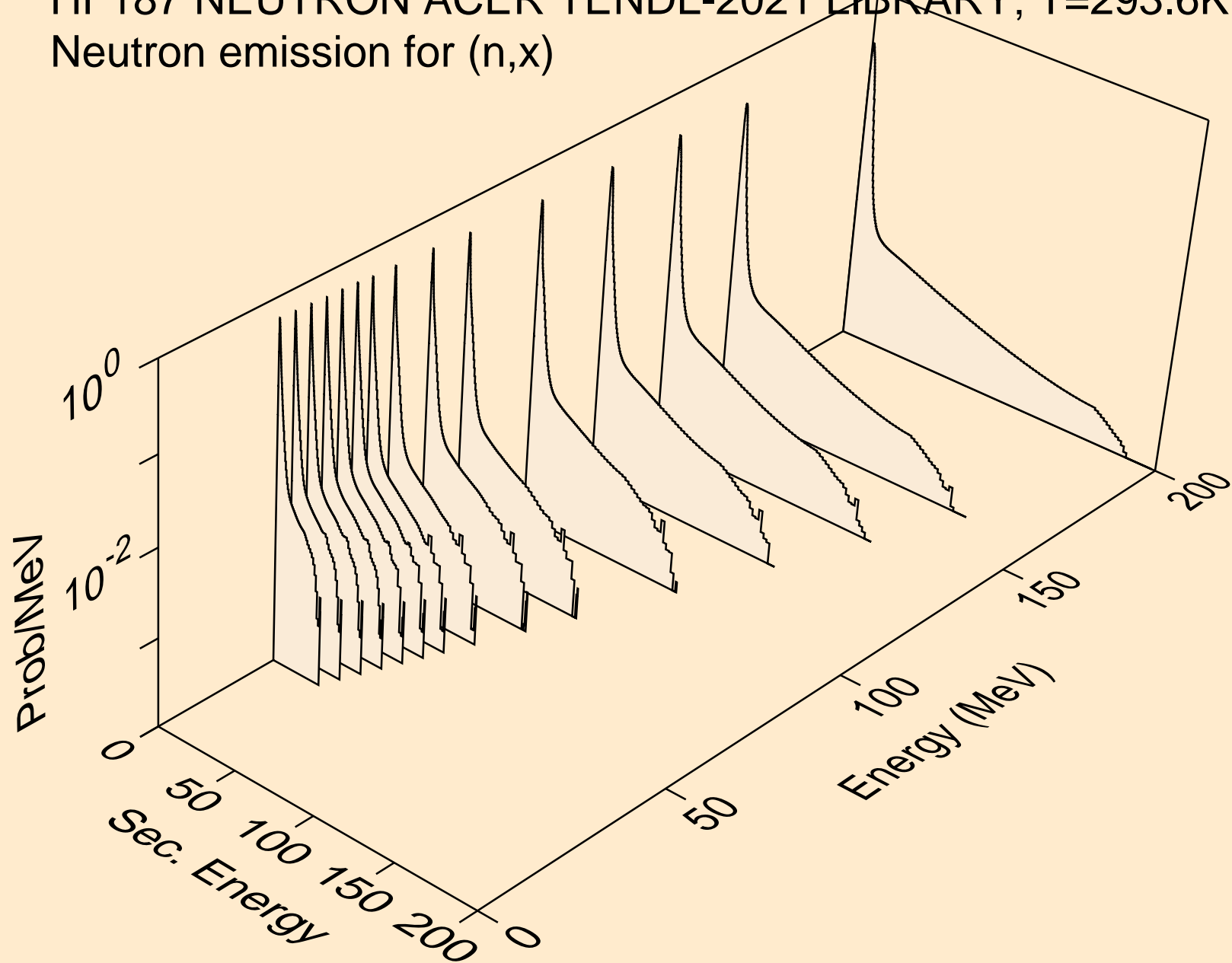
HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



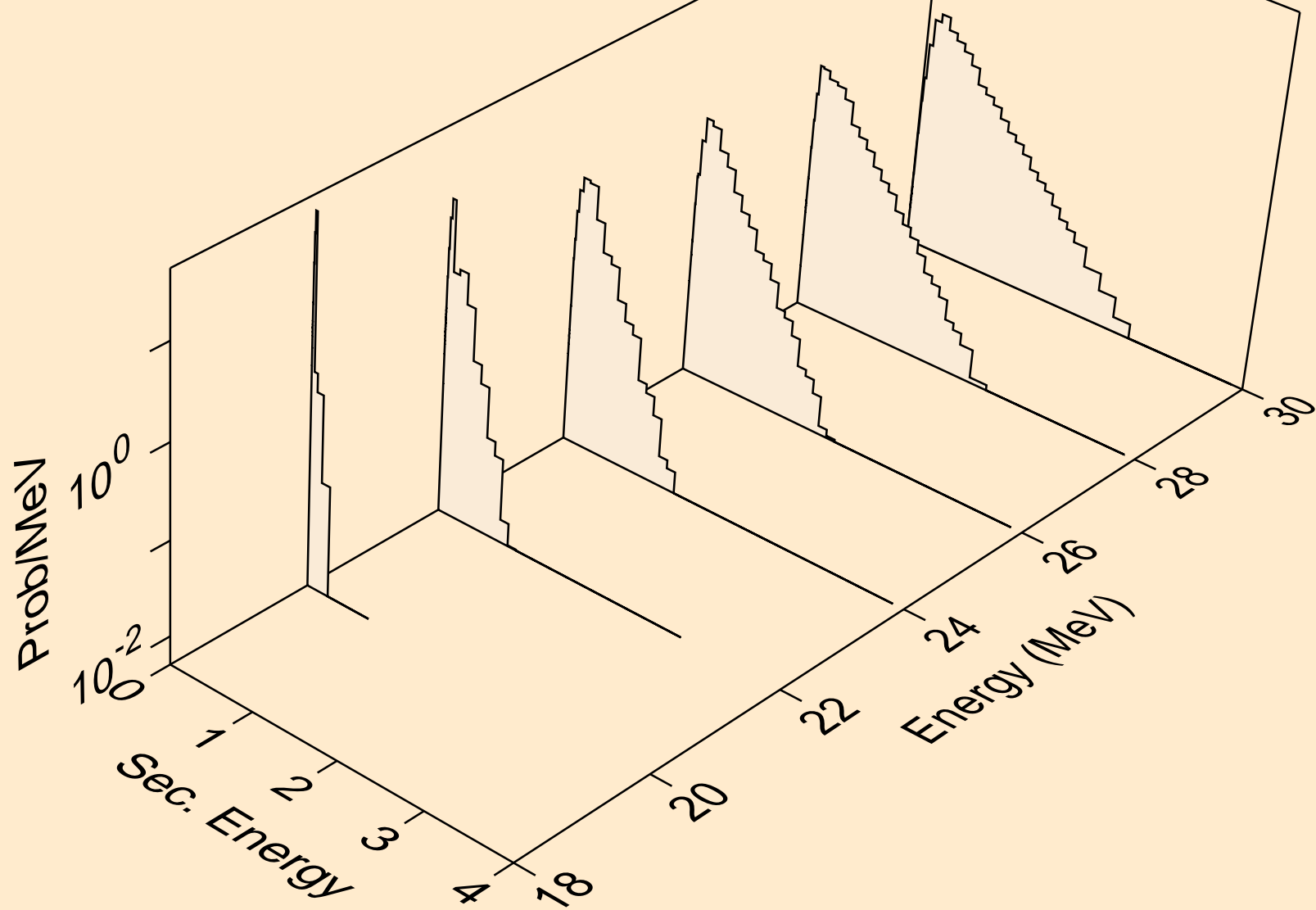
HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



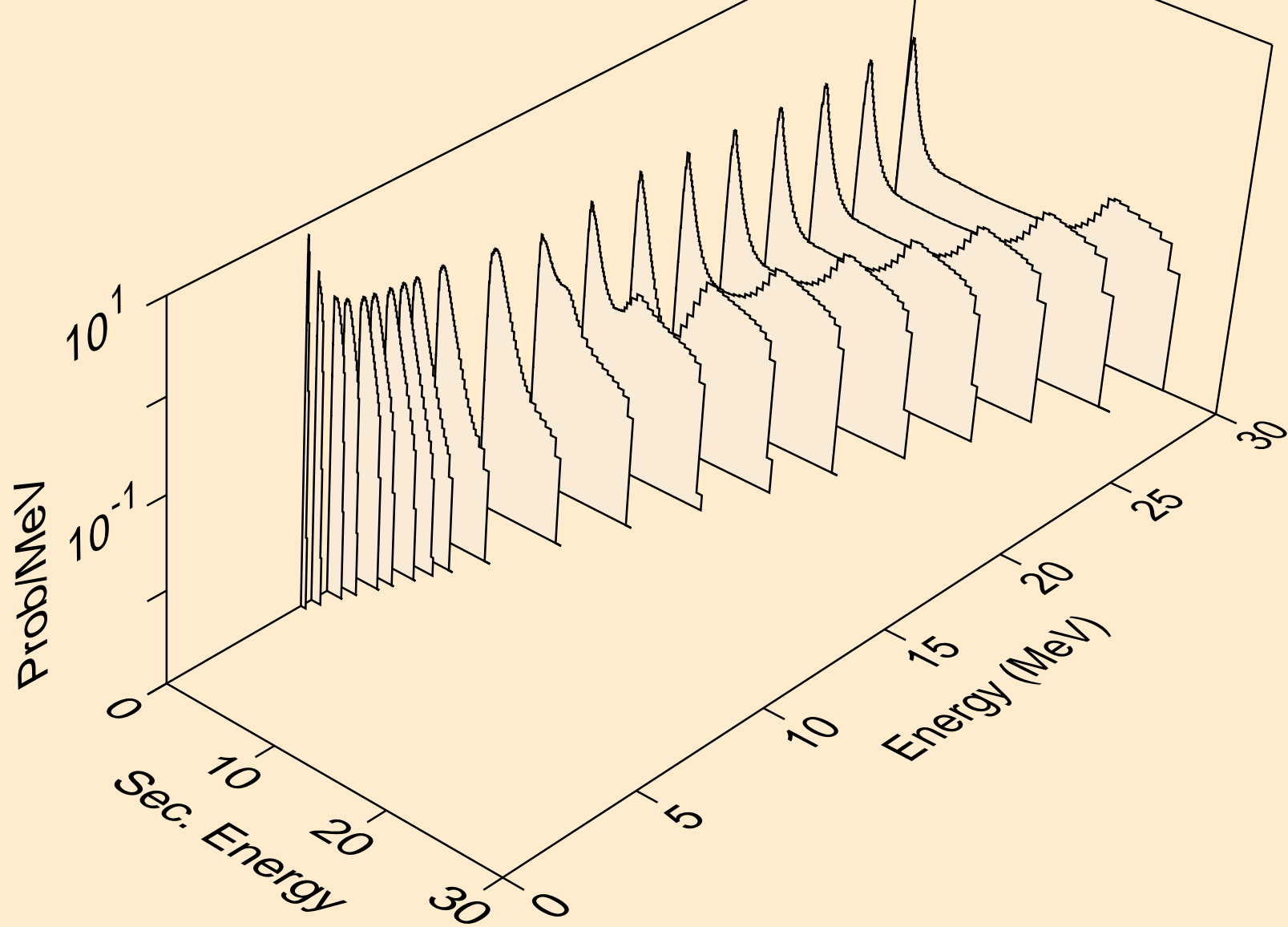
HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)



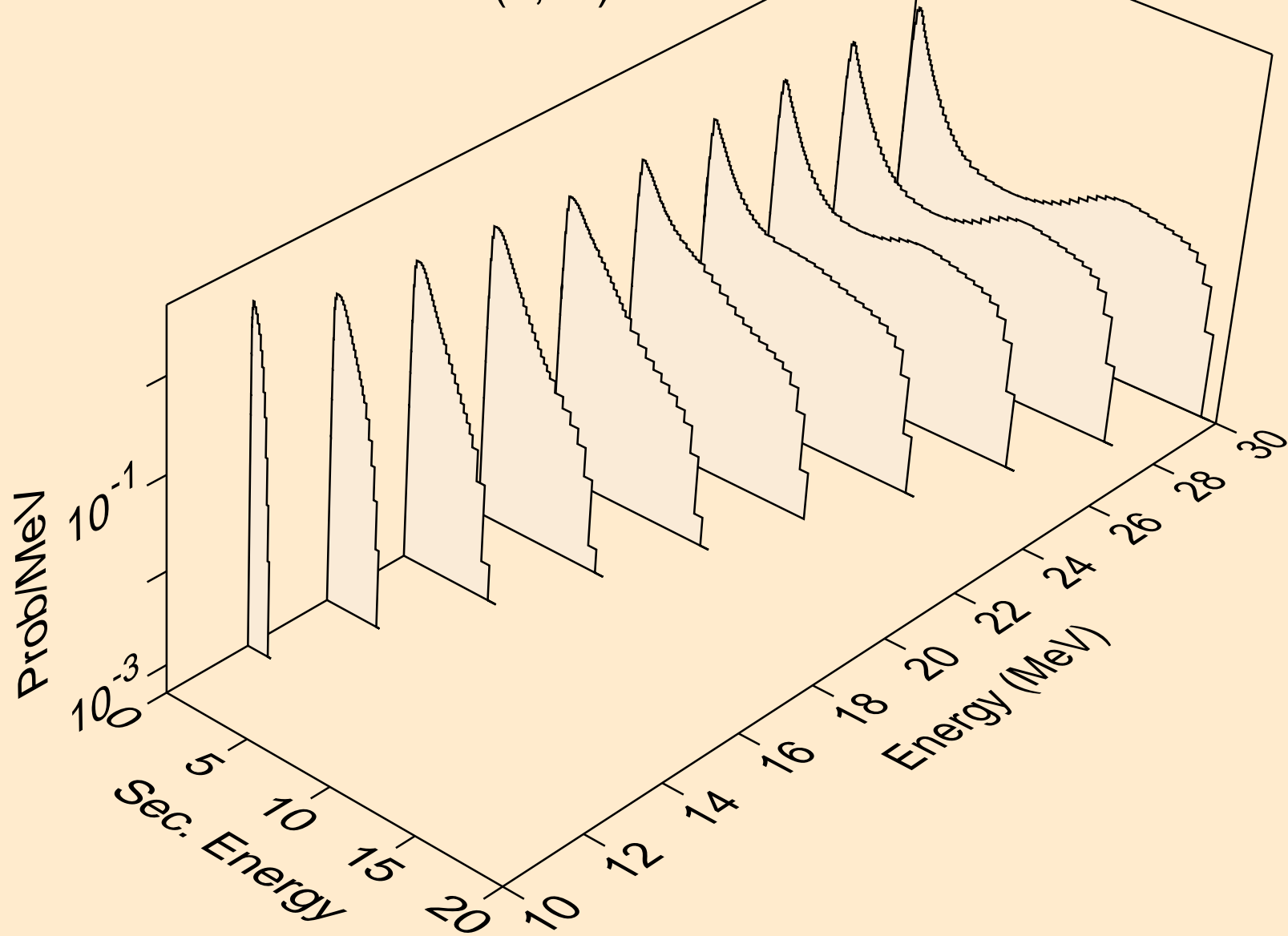
HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



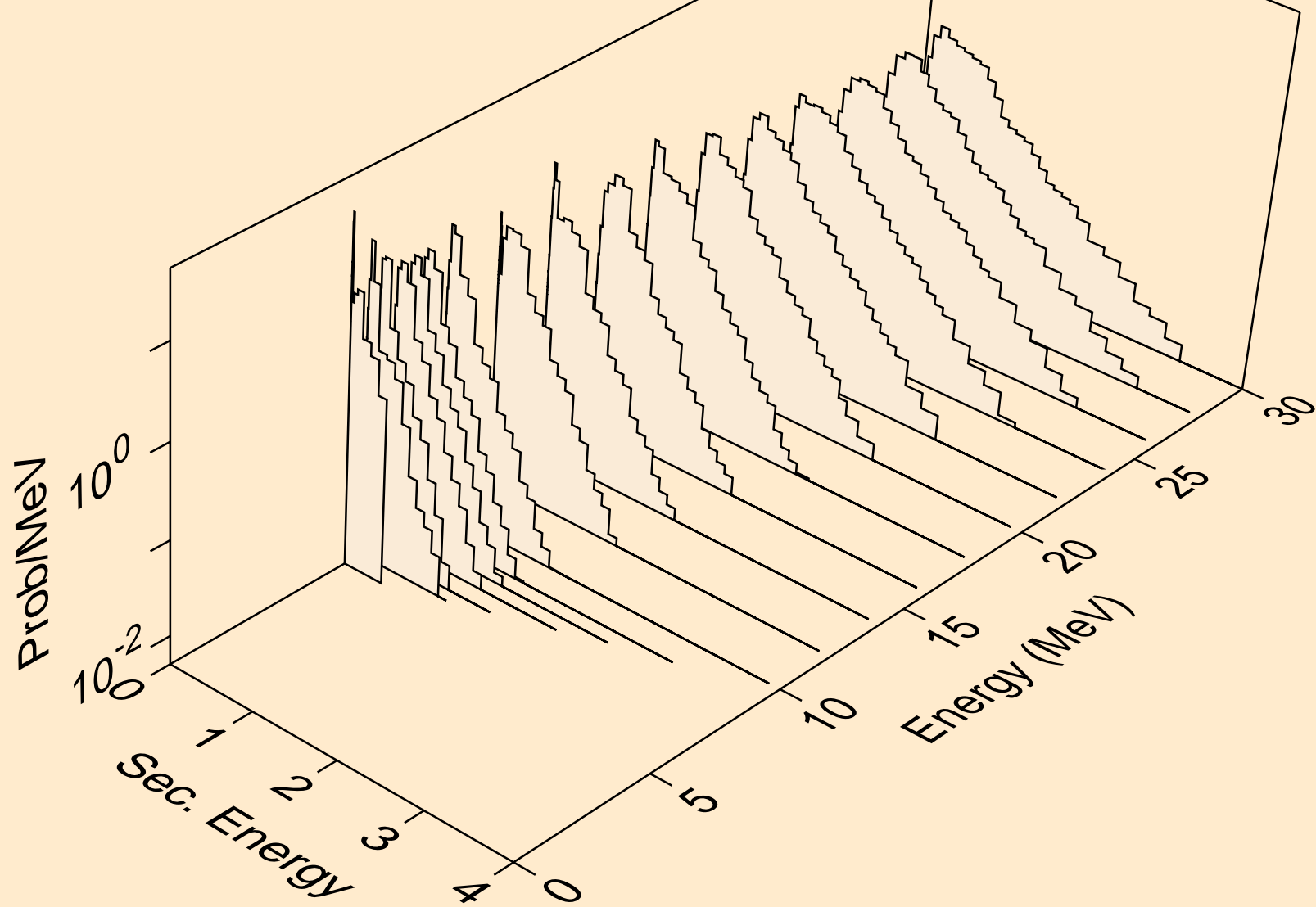
HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



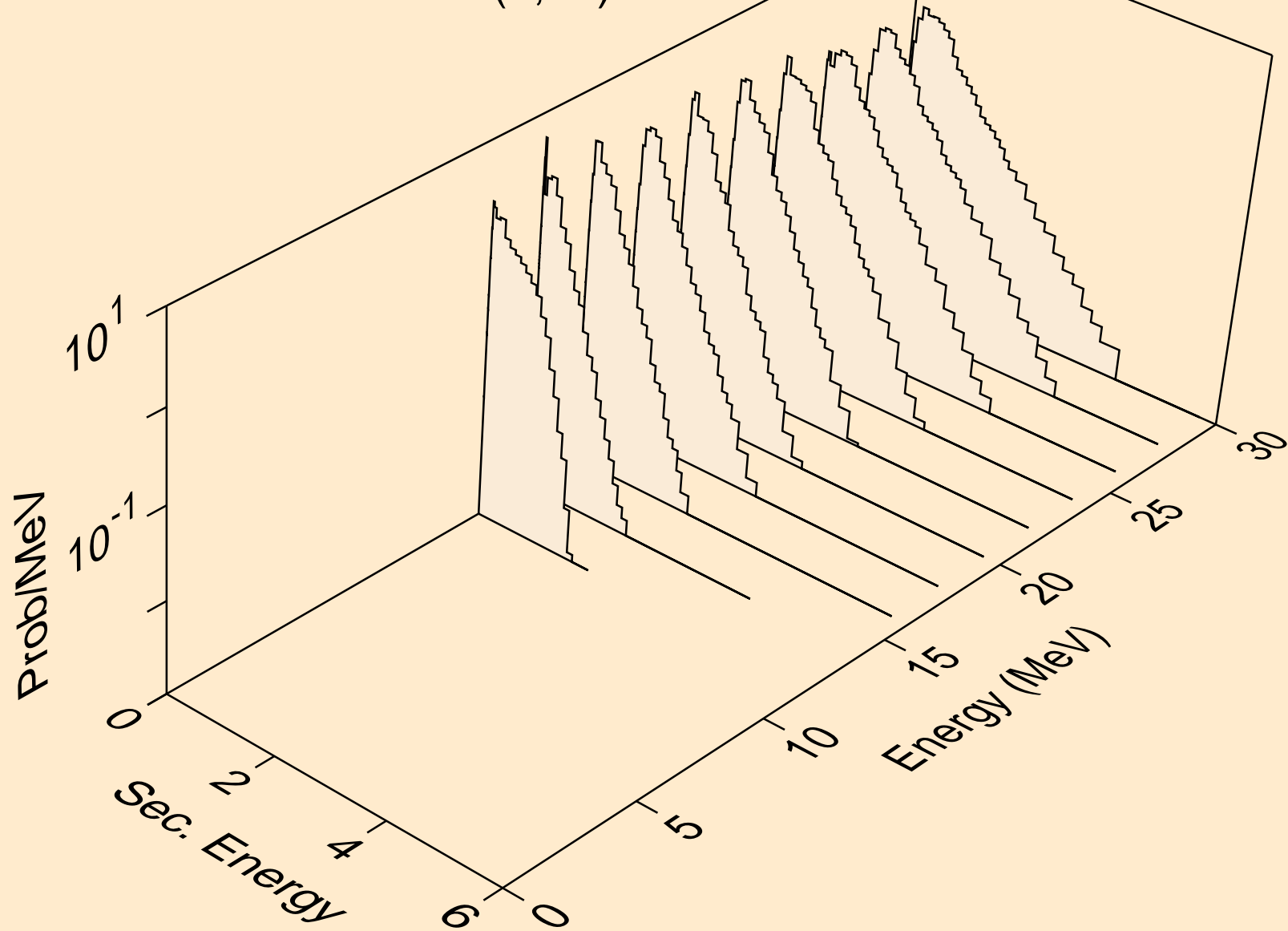
HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a

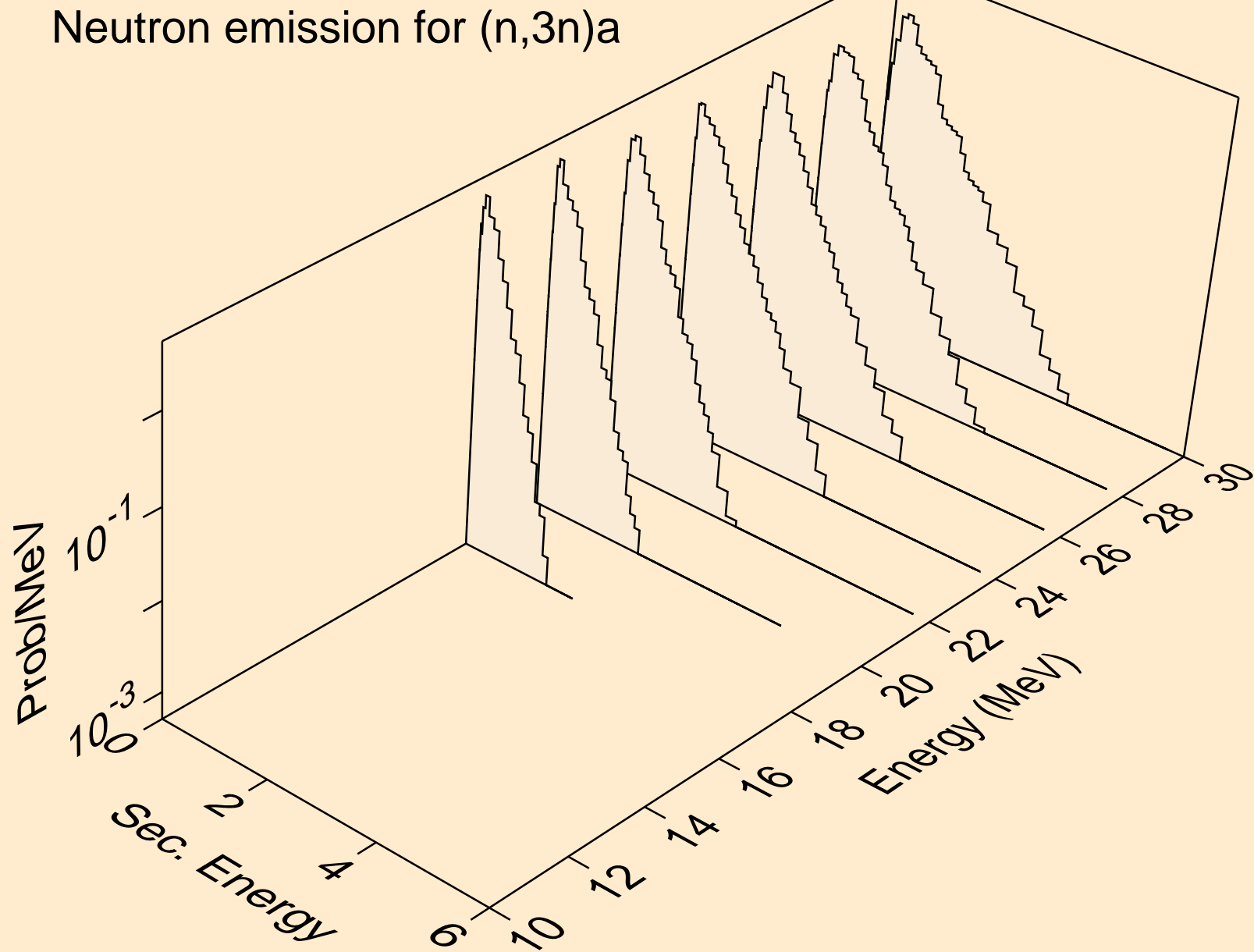


HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)a

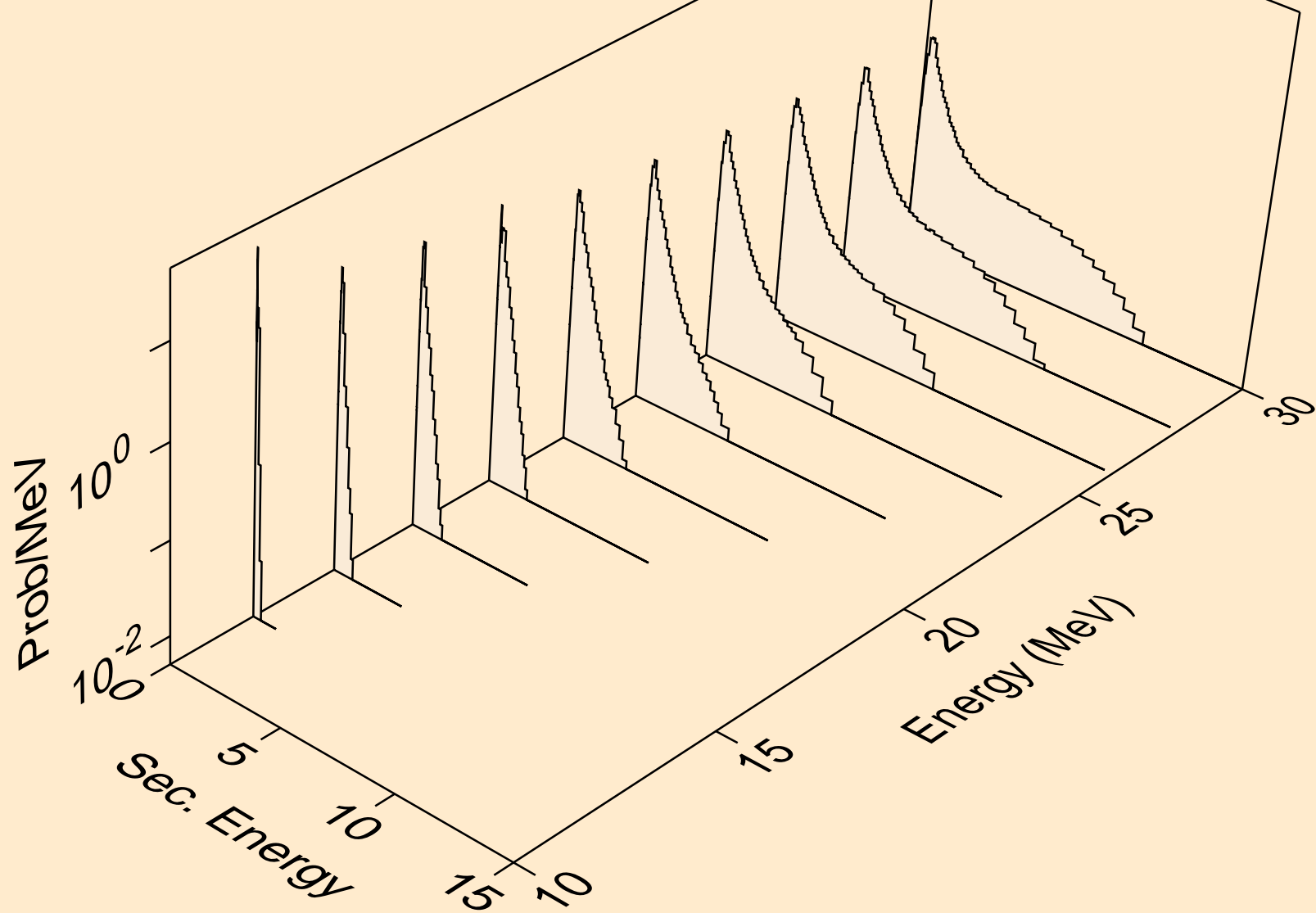




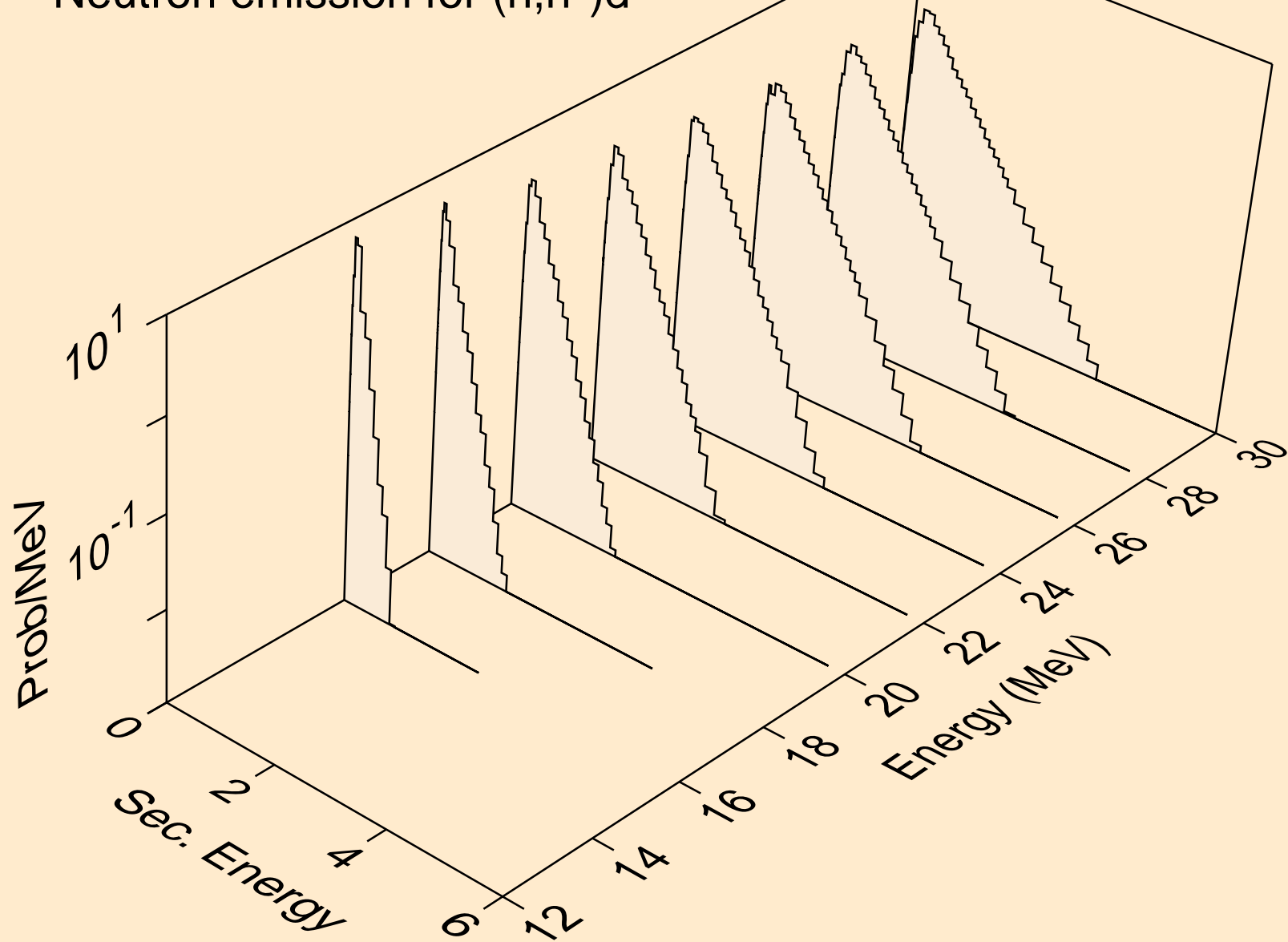
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Neutron emission for (n,3n)a



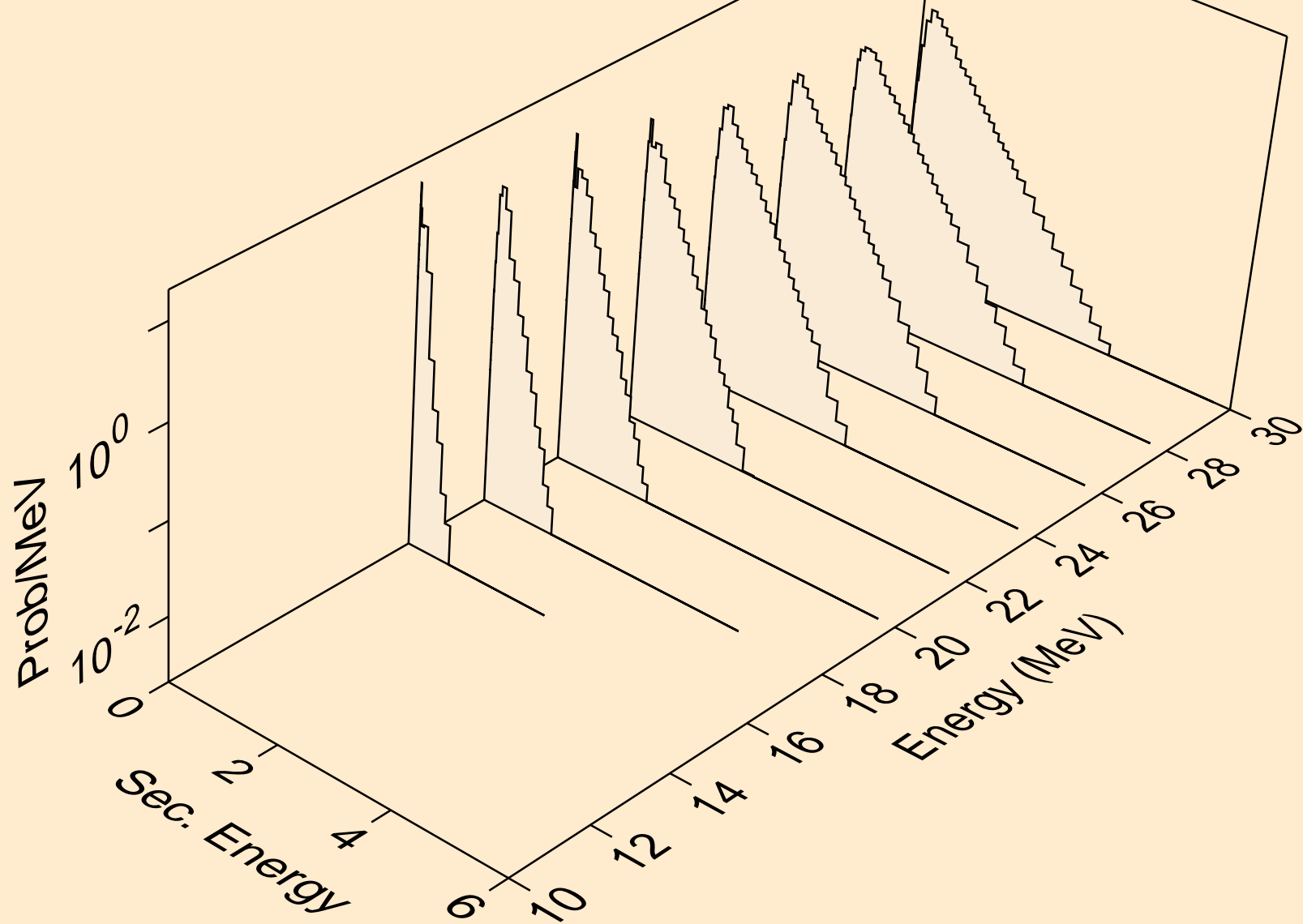
HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



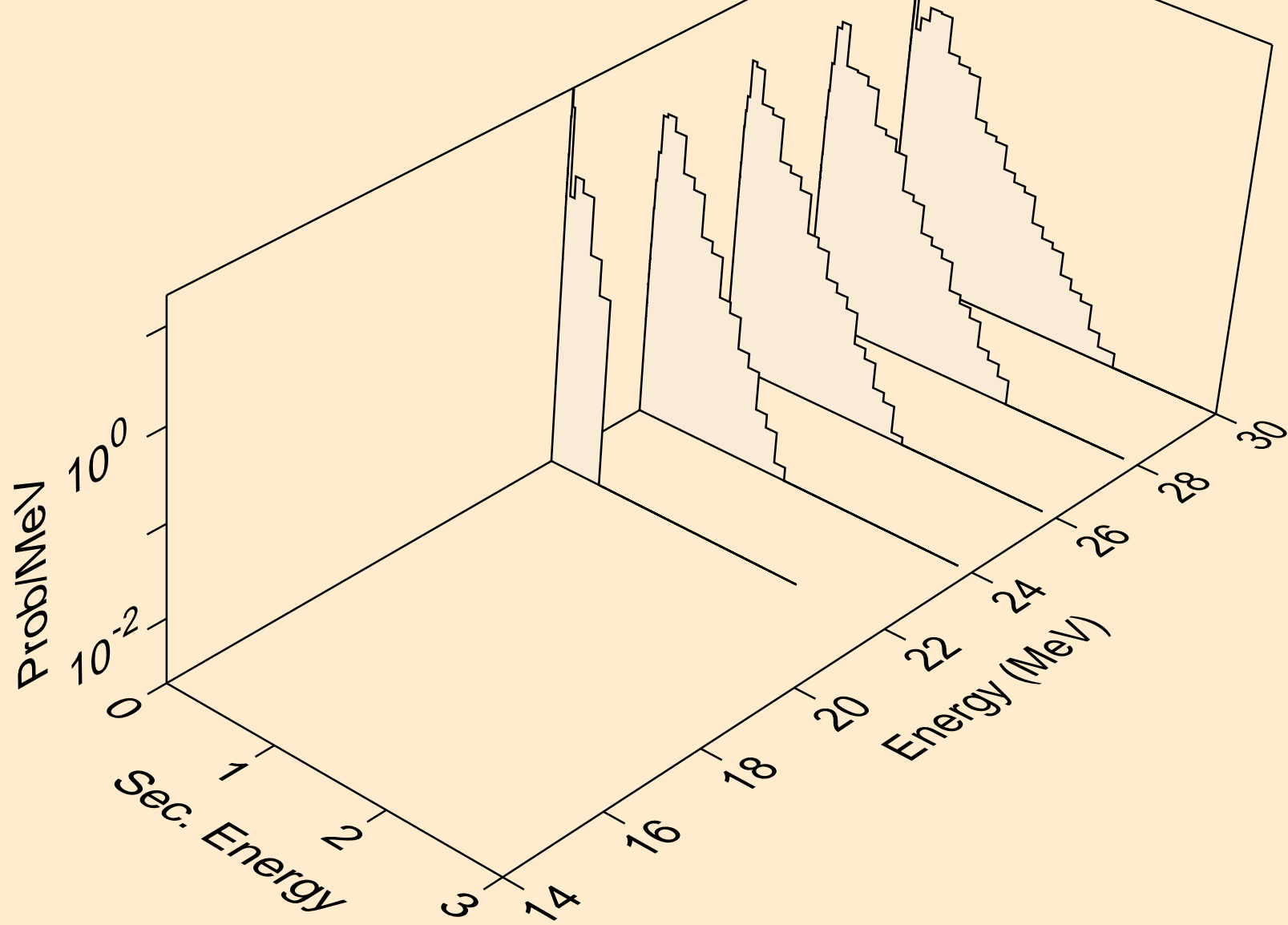
HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



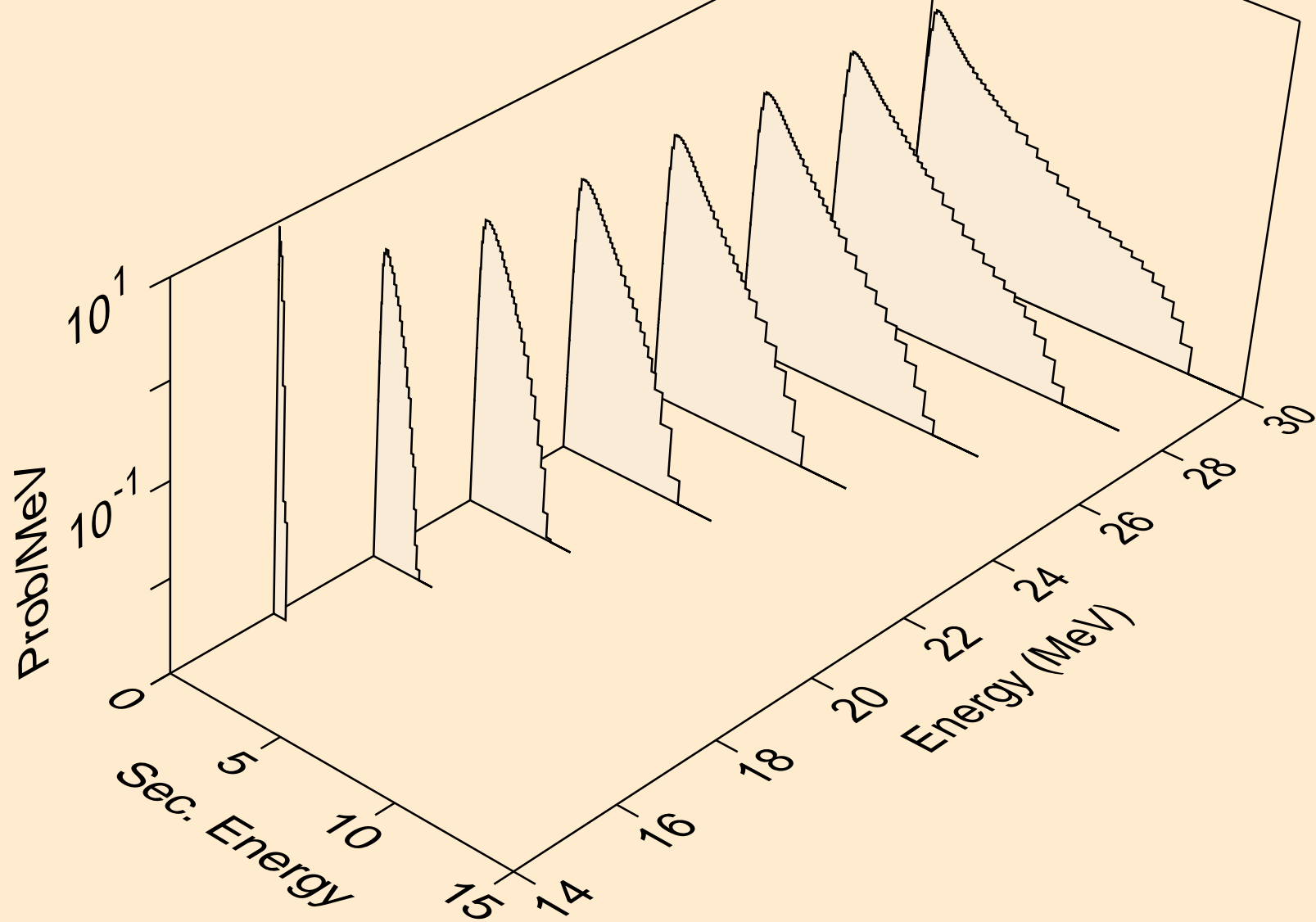
HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



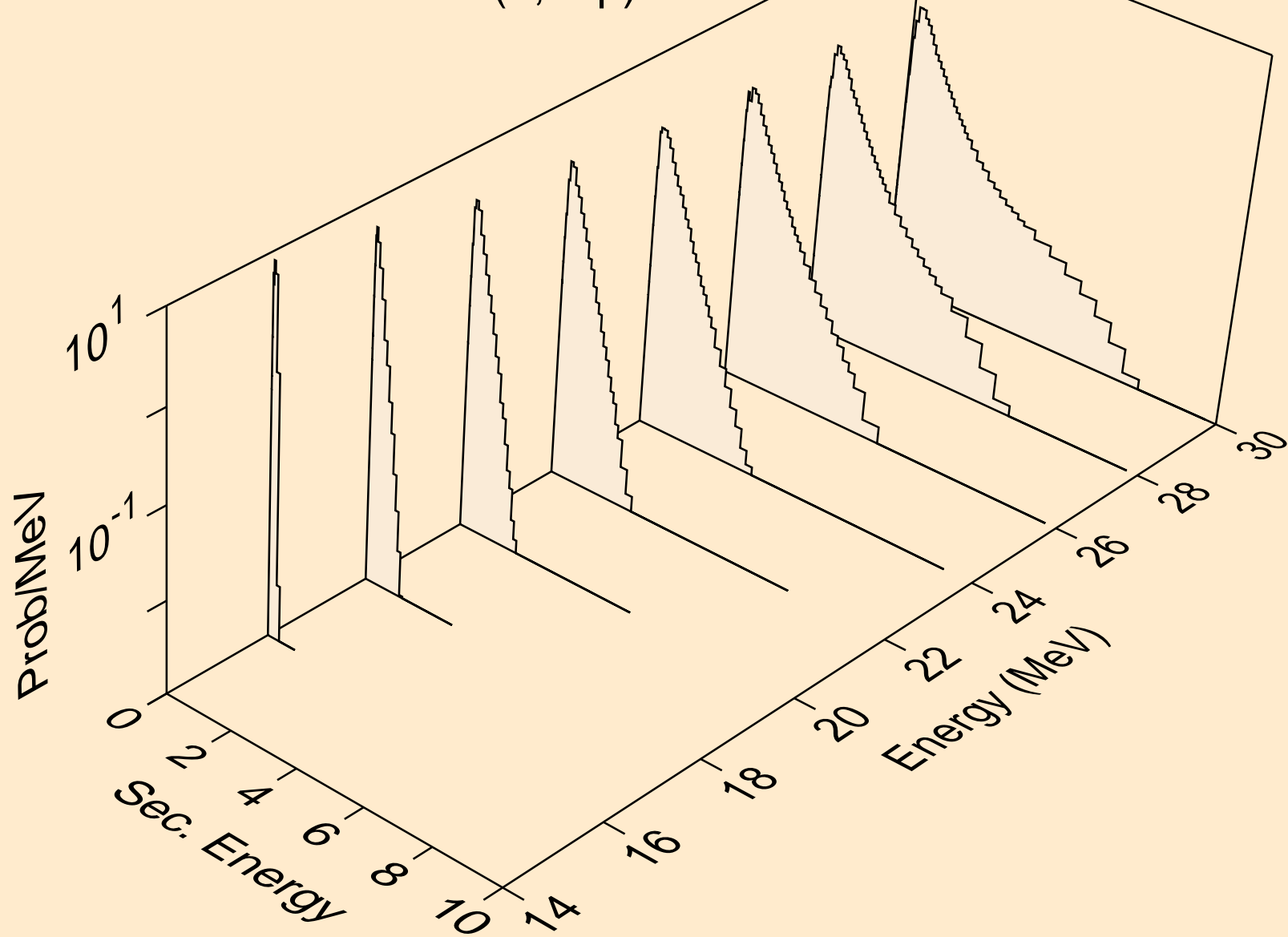
HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



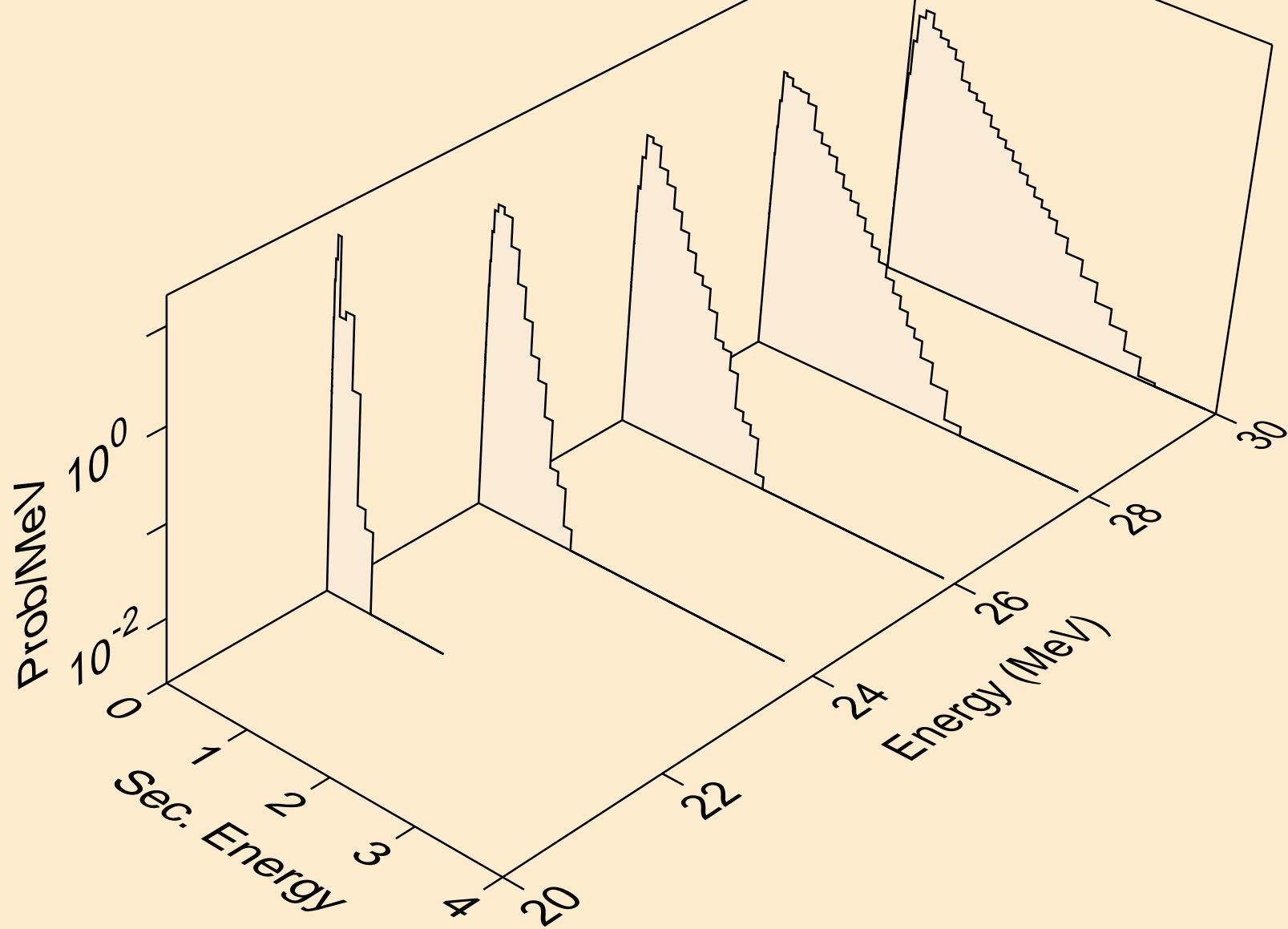
HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,4n)



HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)

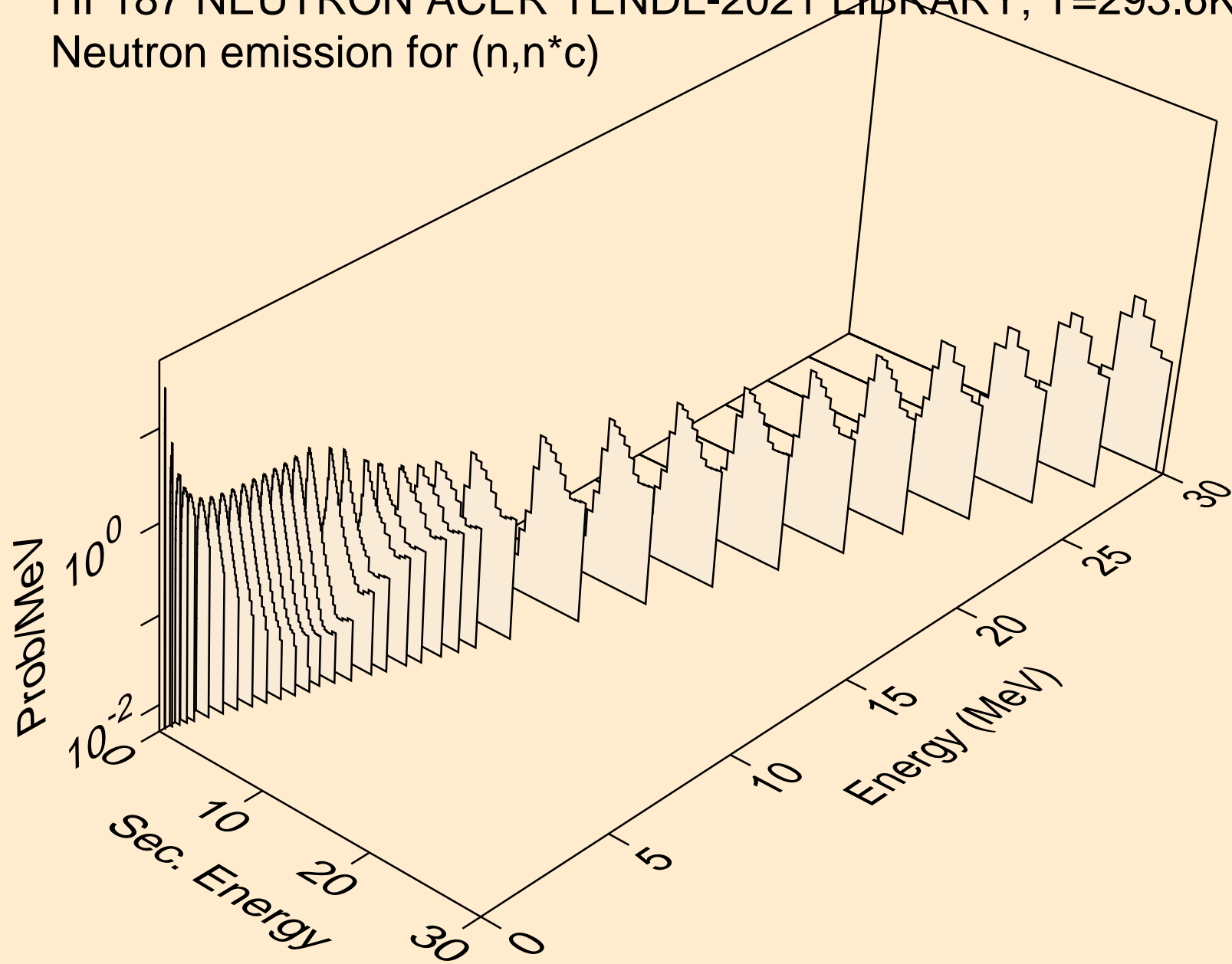


HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3np)

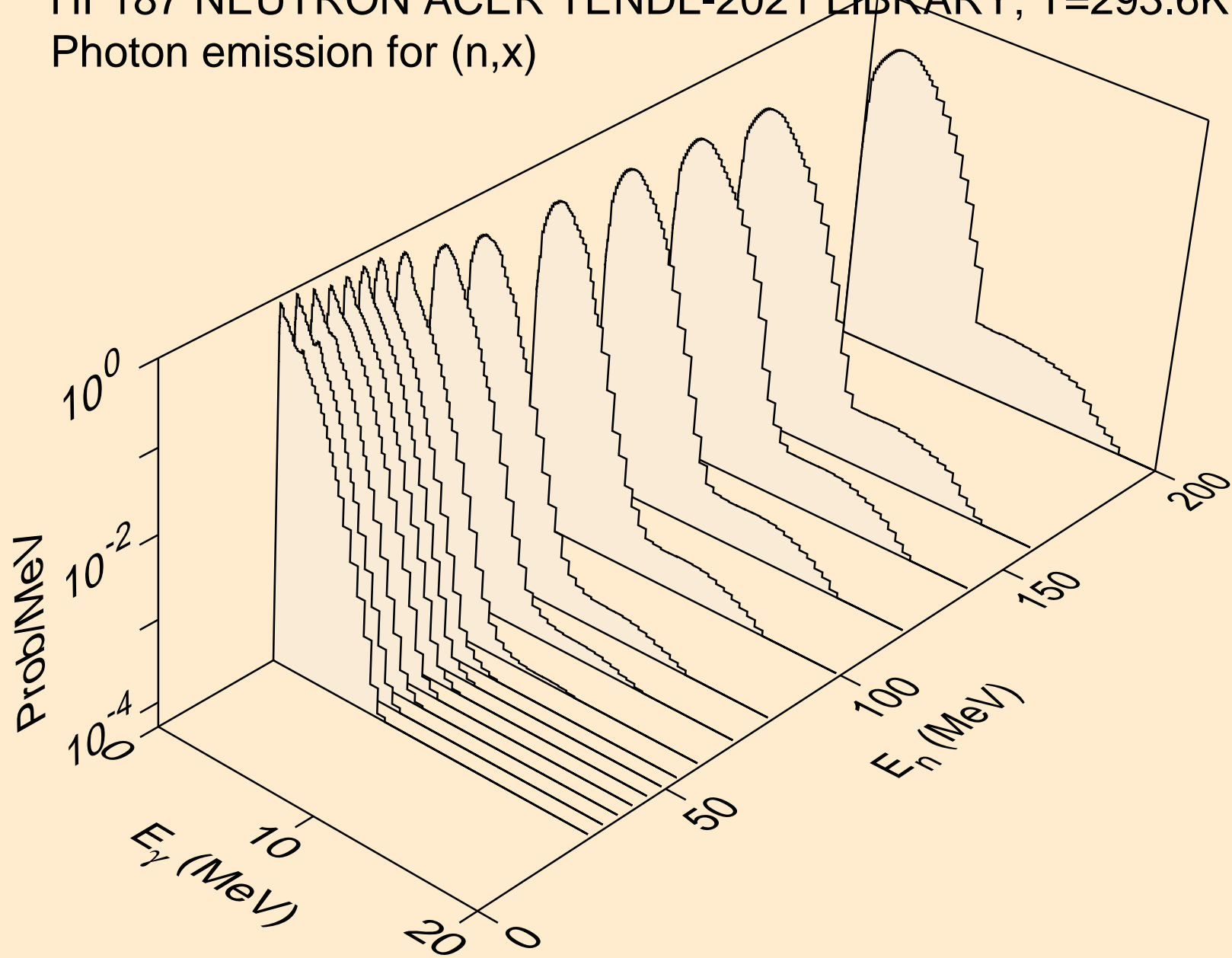




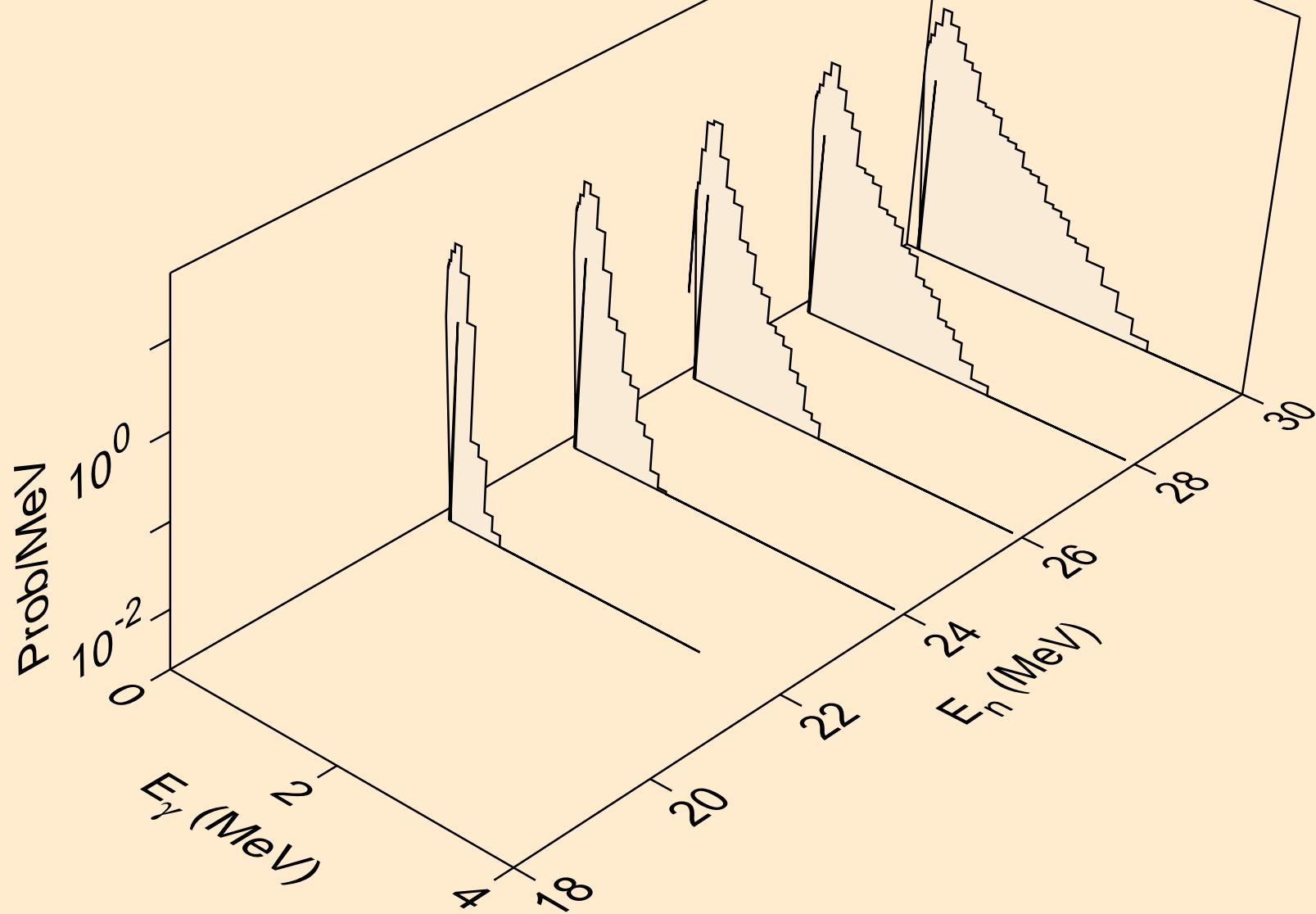
HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



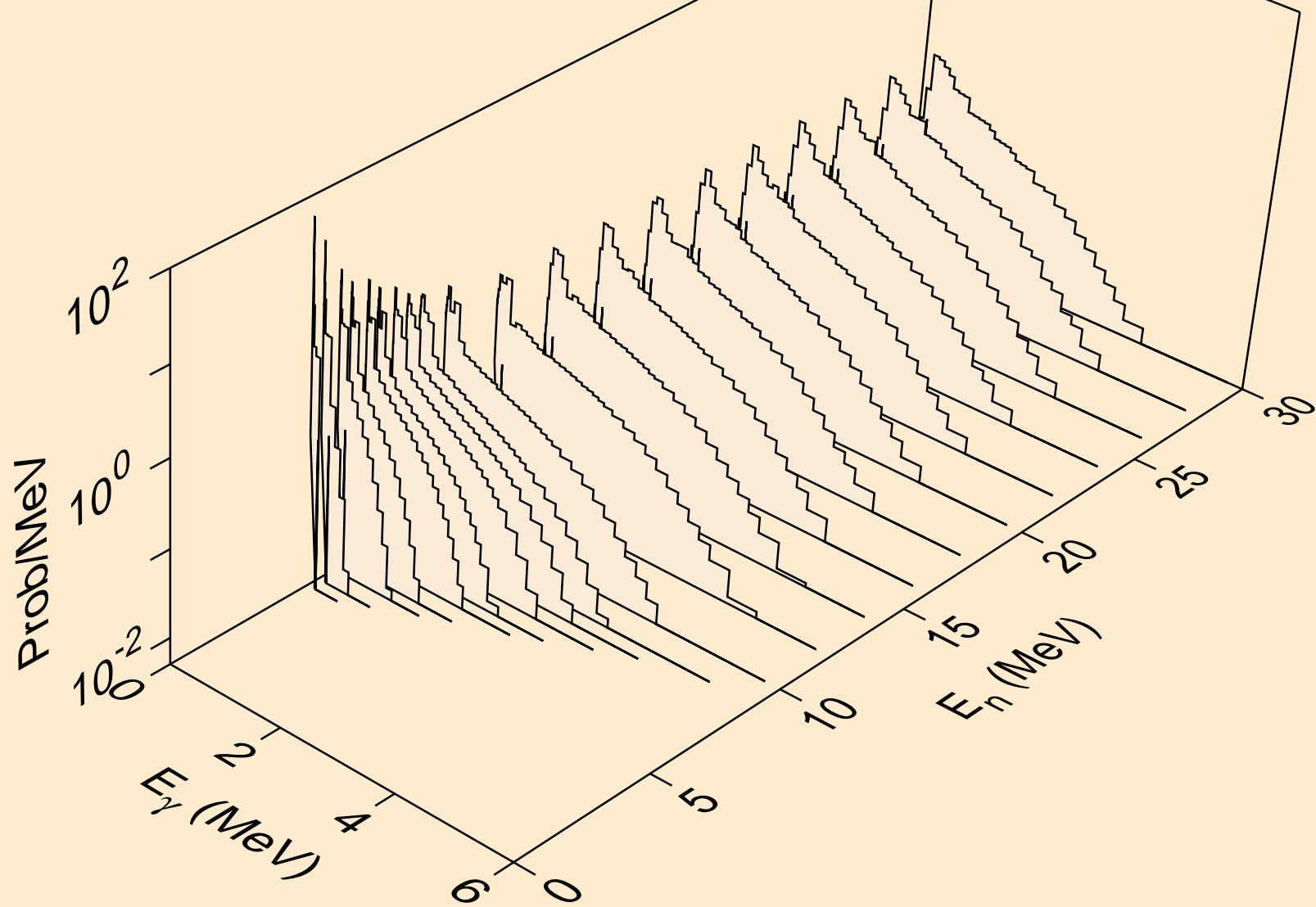
HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)



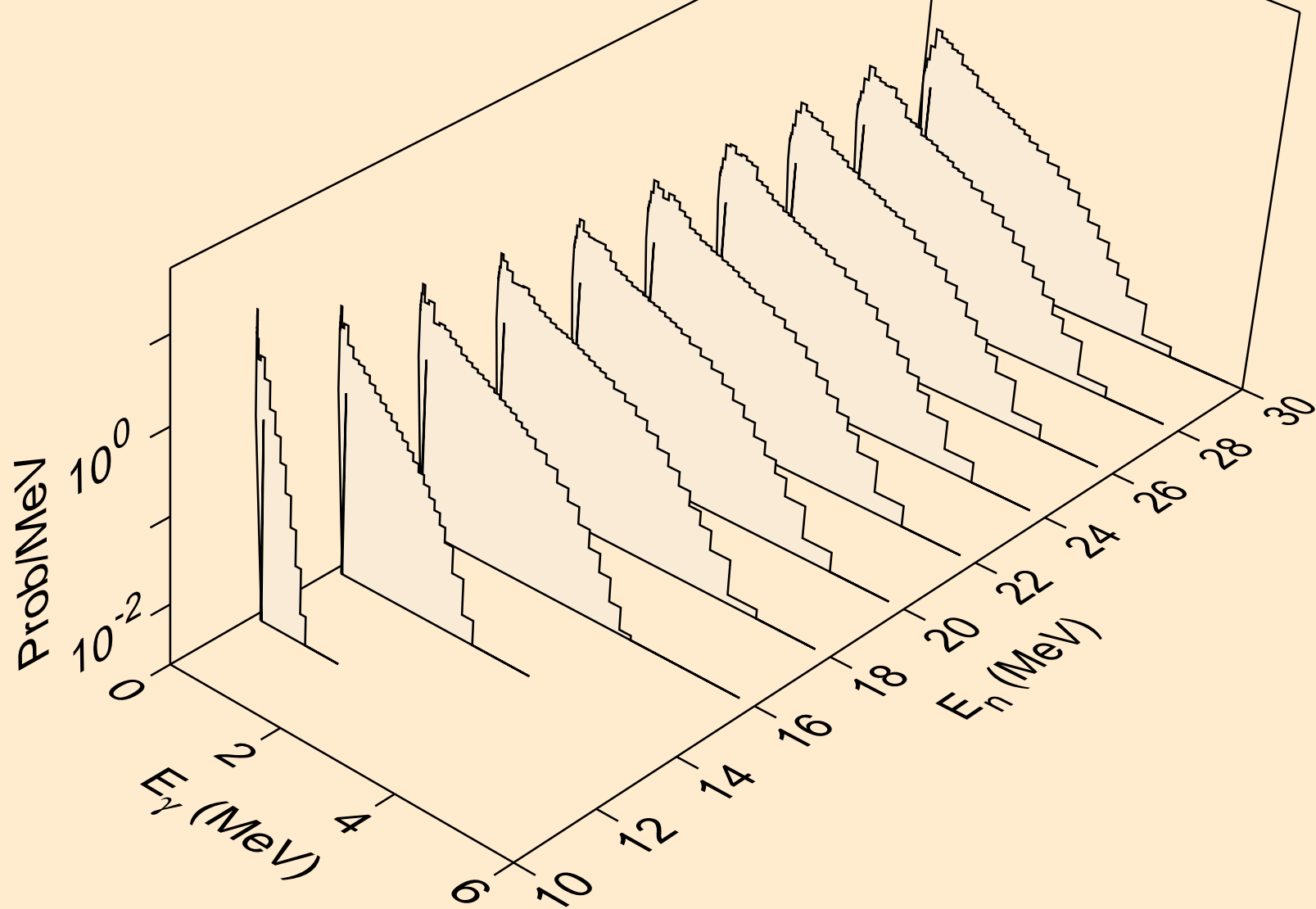
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Photon emission for (n,2nd)



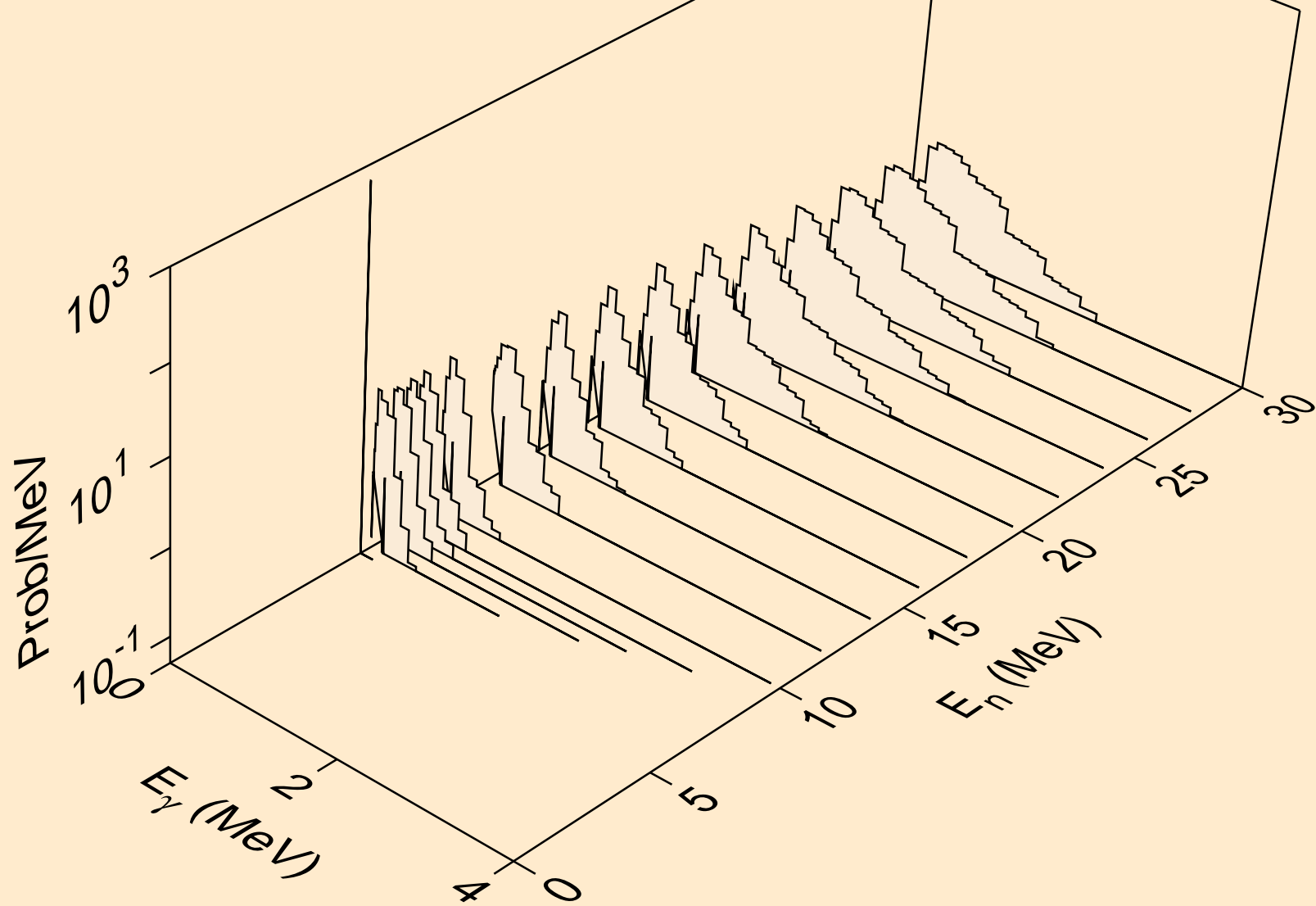
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Photon emission for (n,2n)



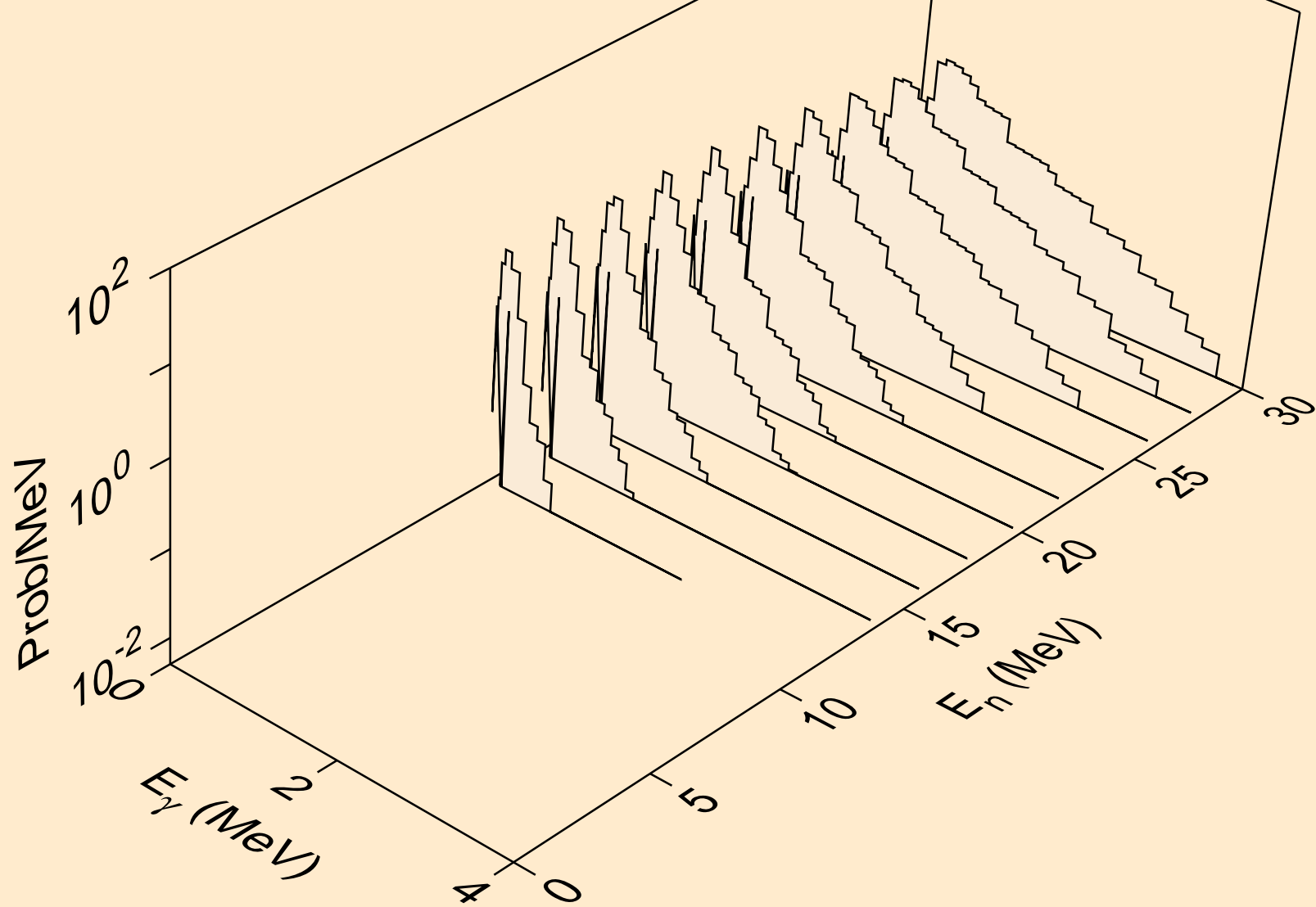
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Photon emission for (n,3n)



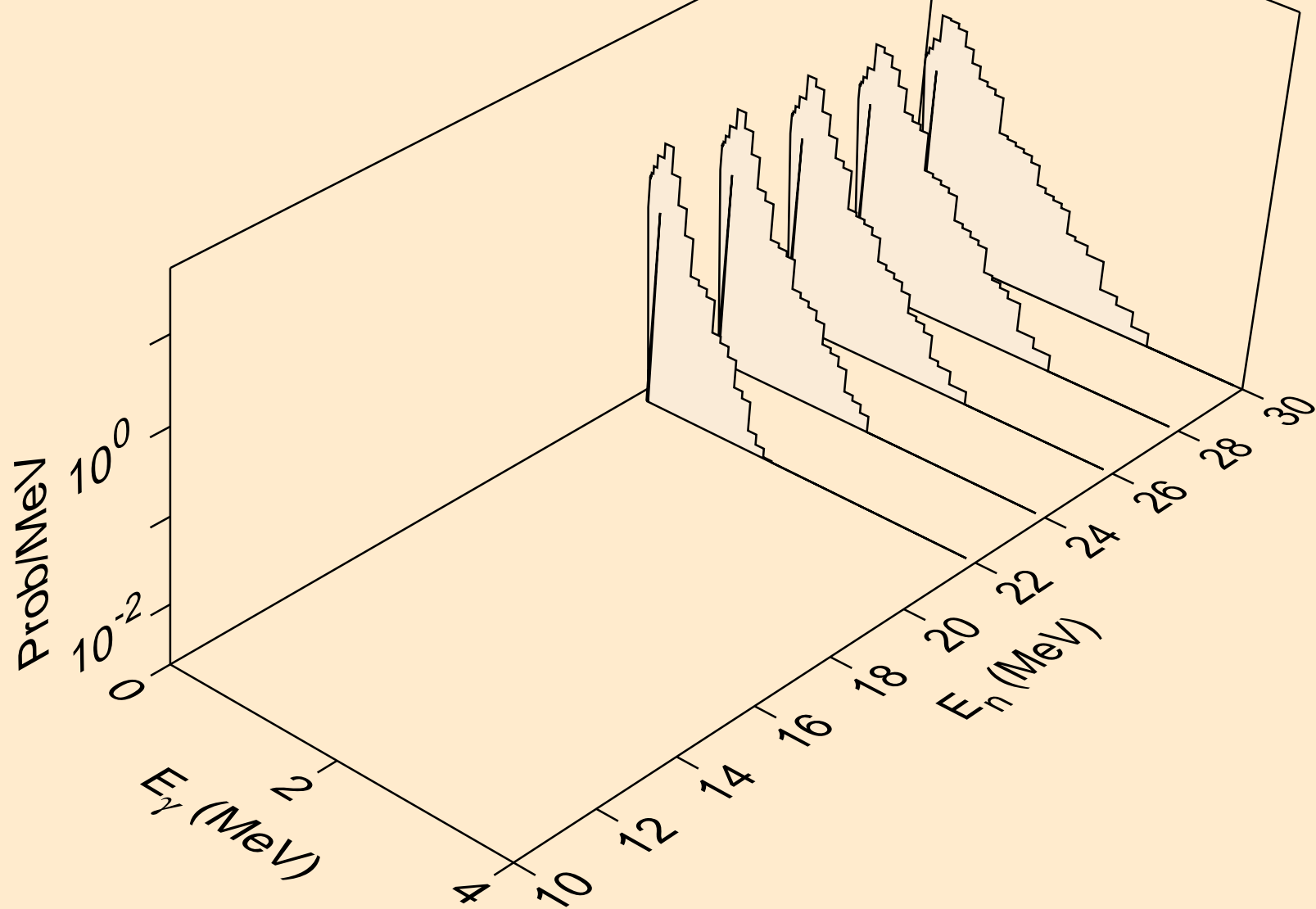
HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a



HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)a

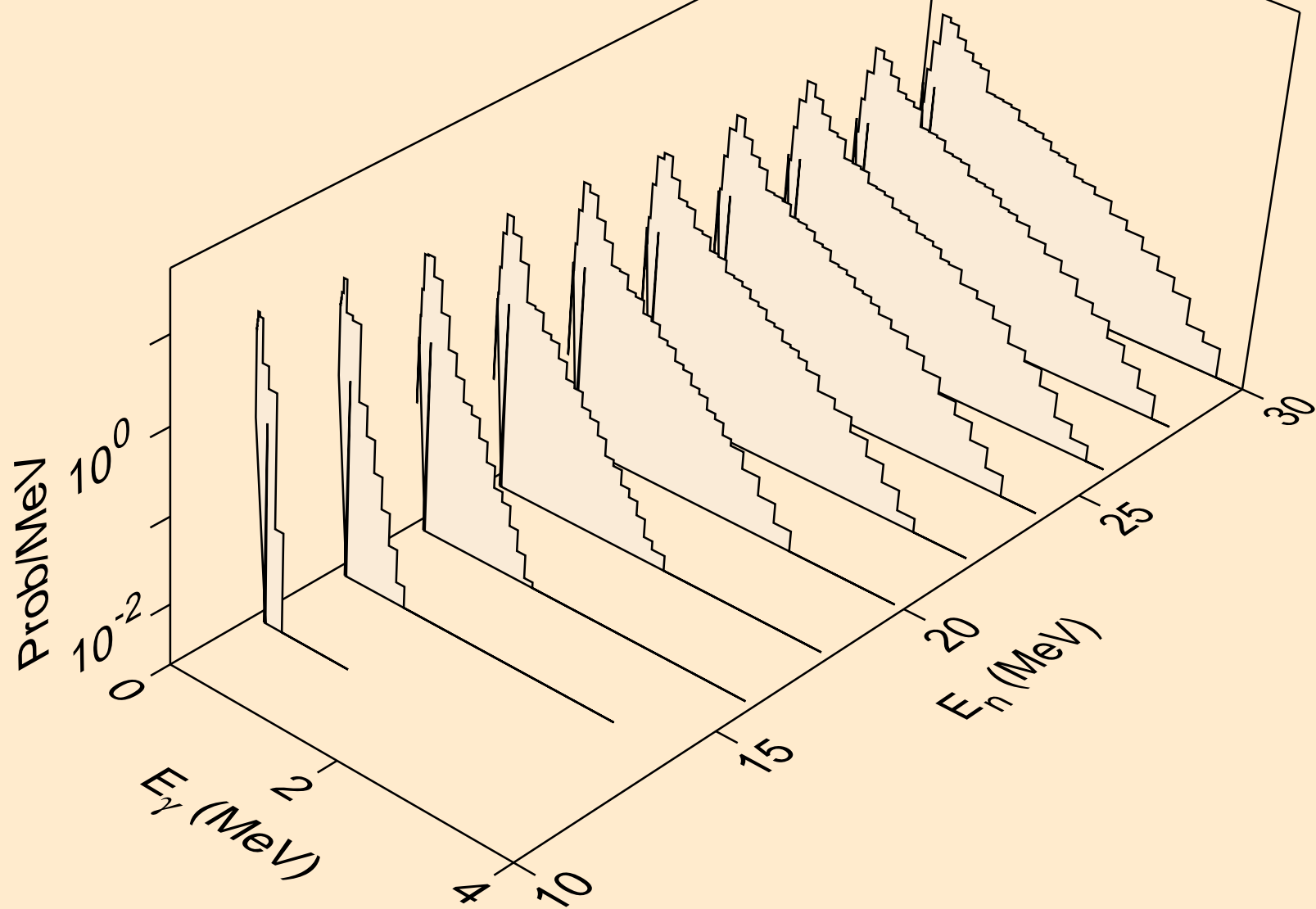


HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)a

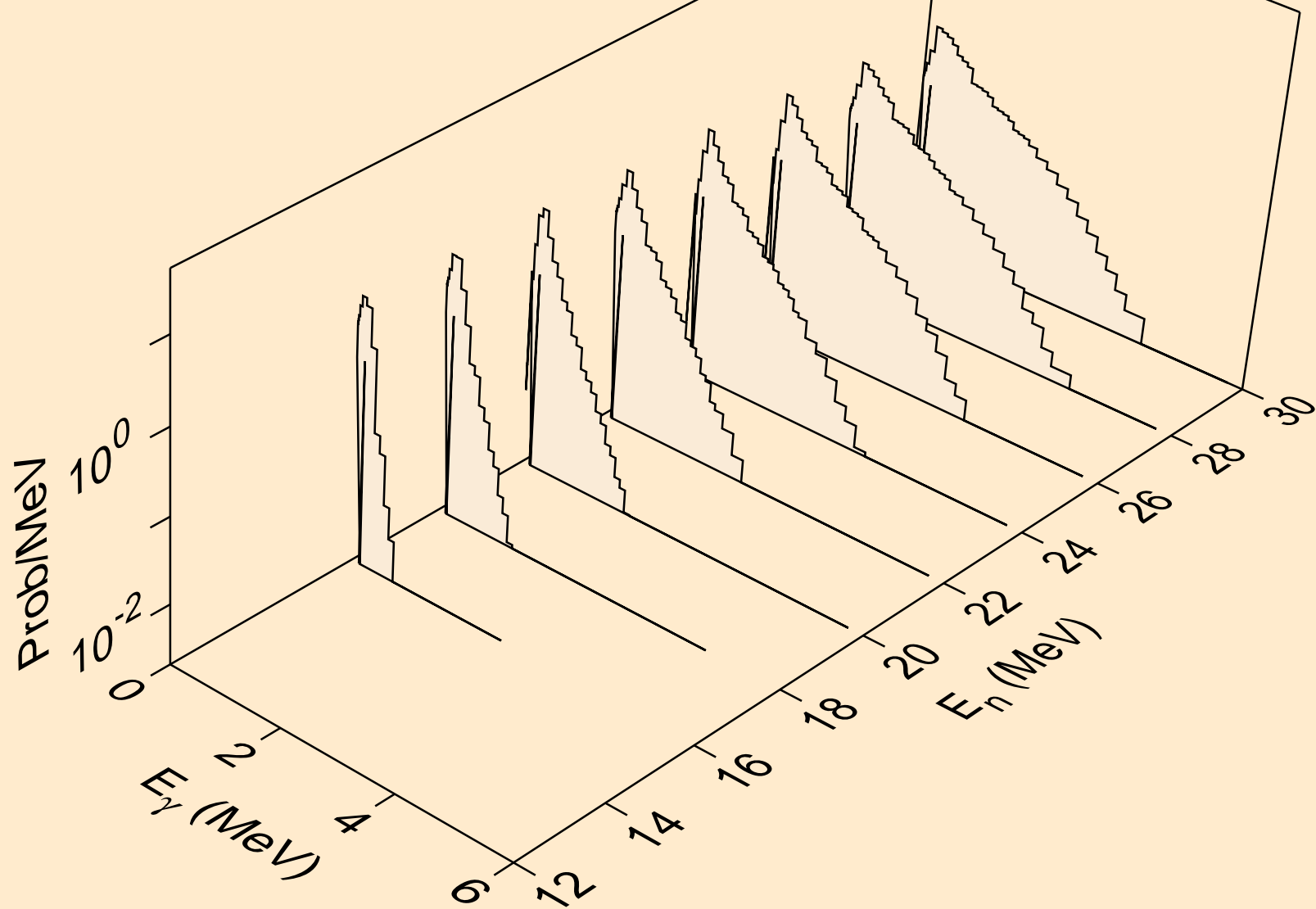




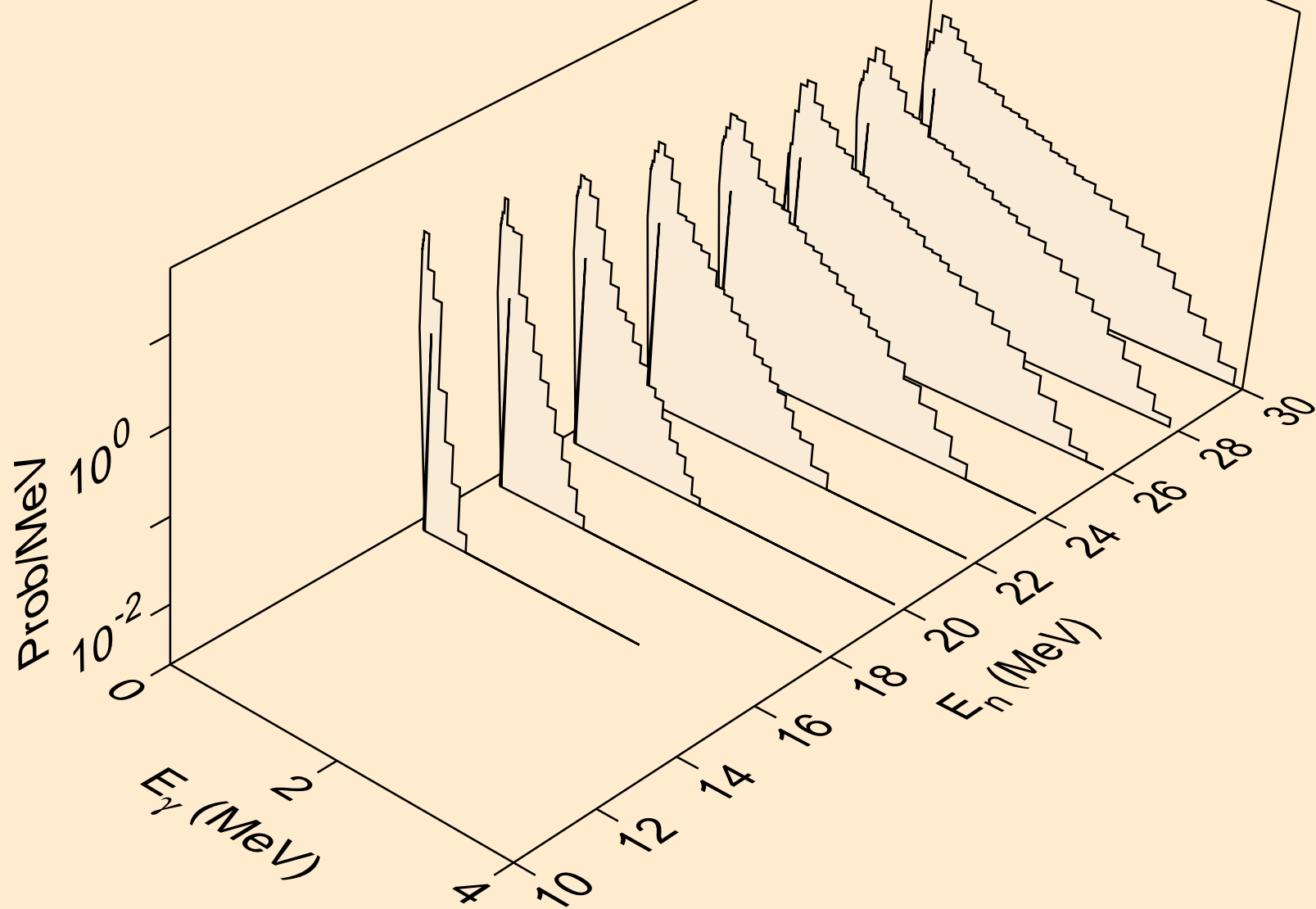
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Photon emission for (n,n\*)p



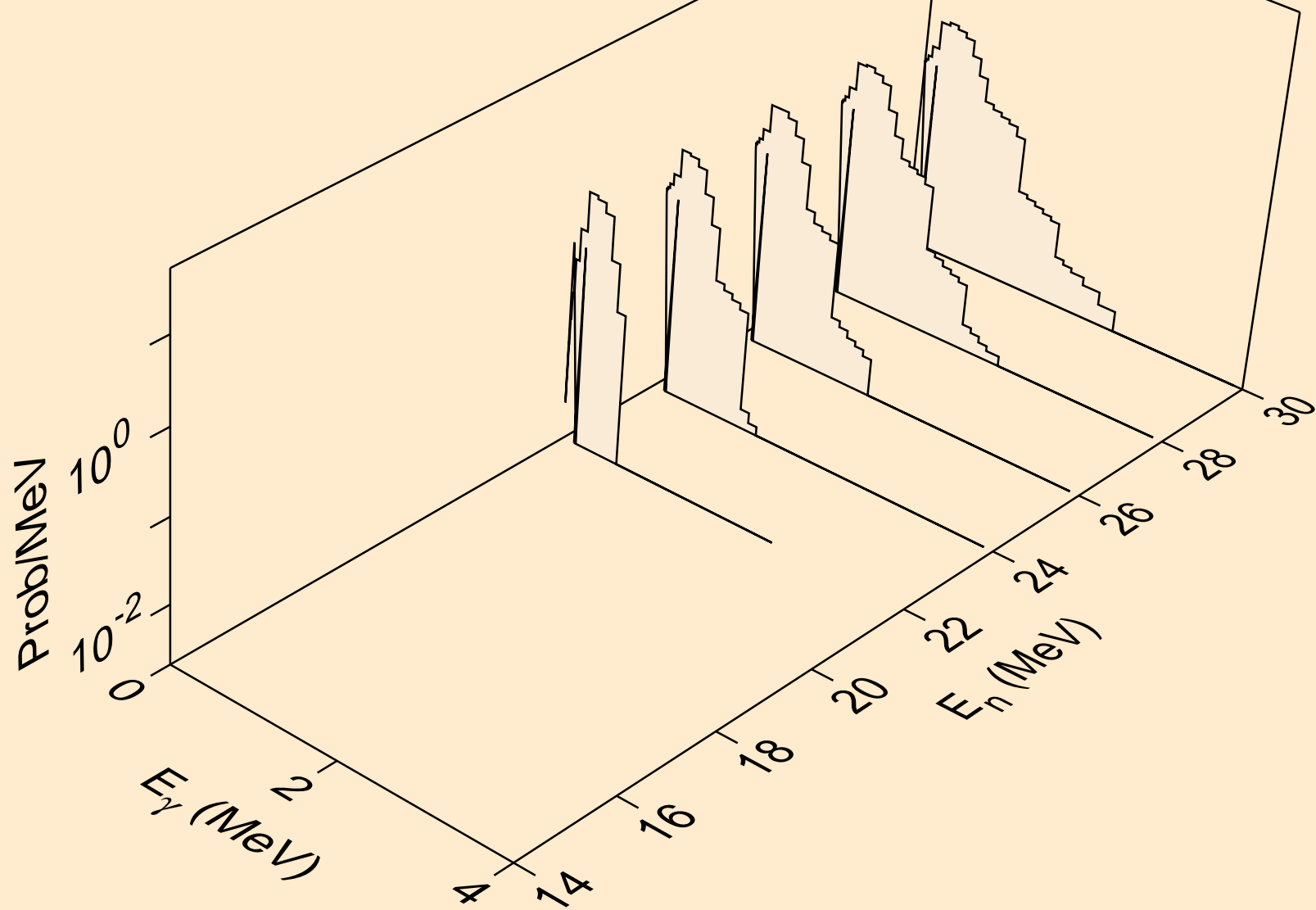
HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d



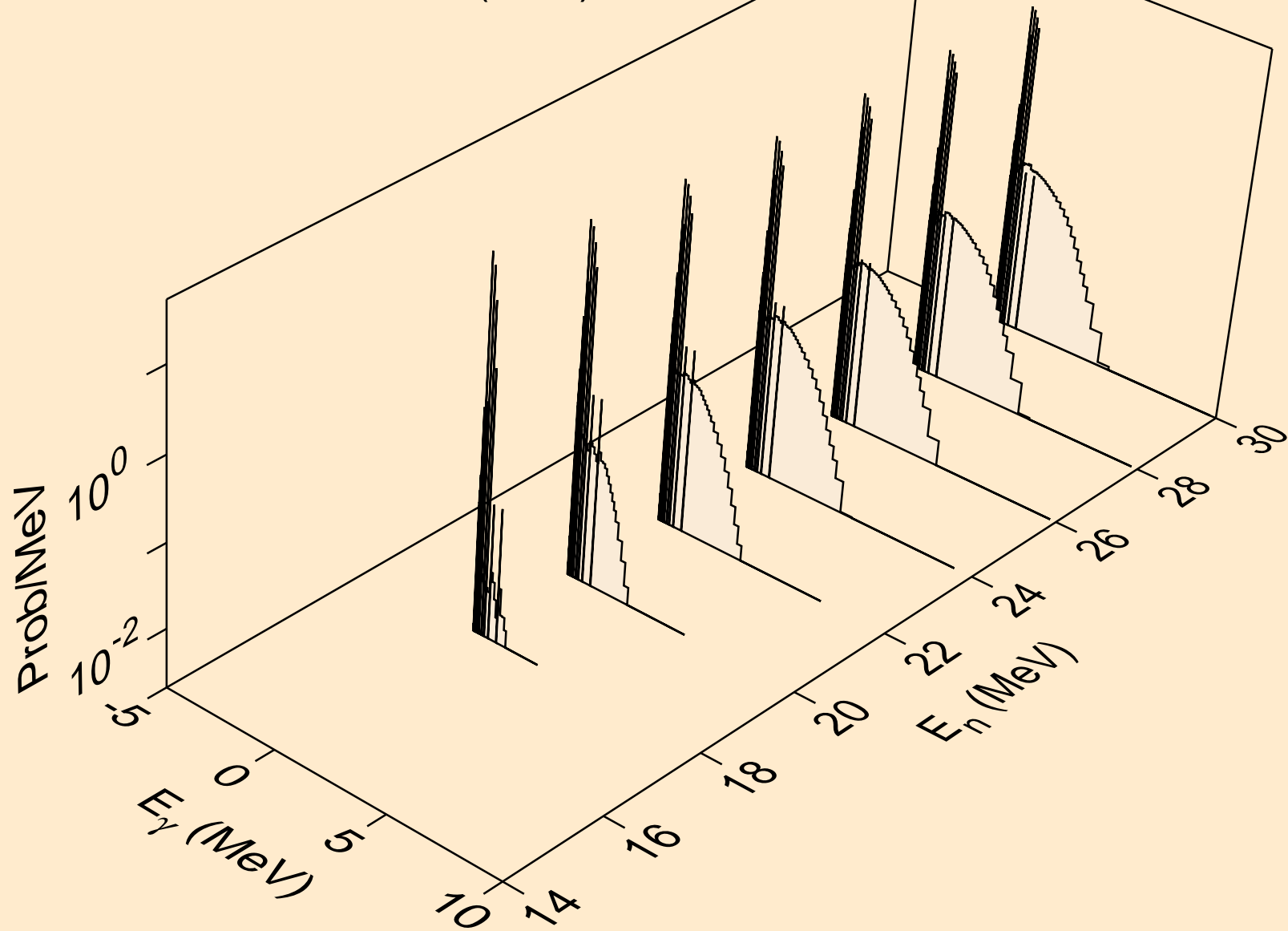
HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t



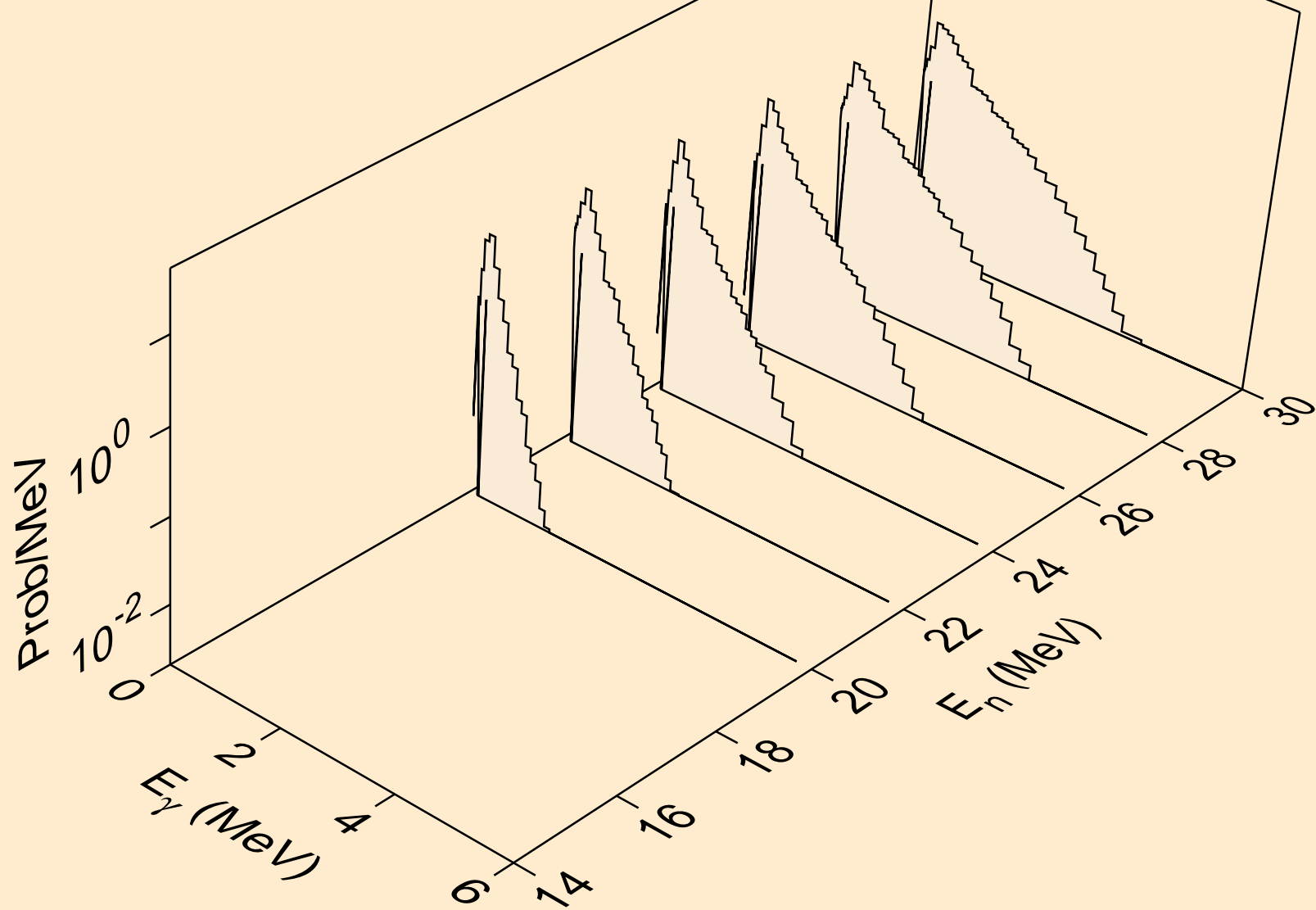
HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



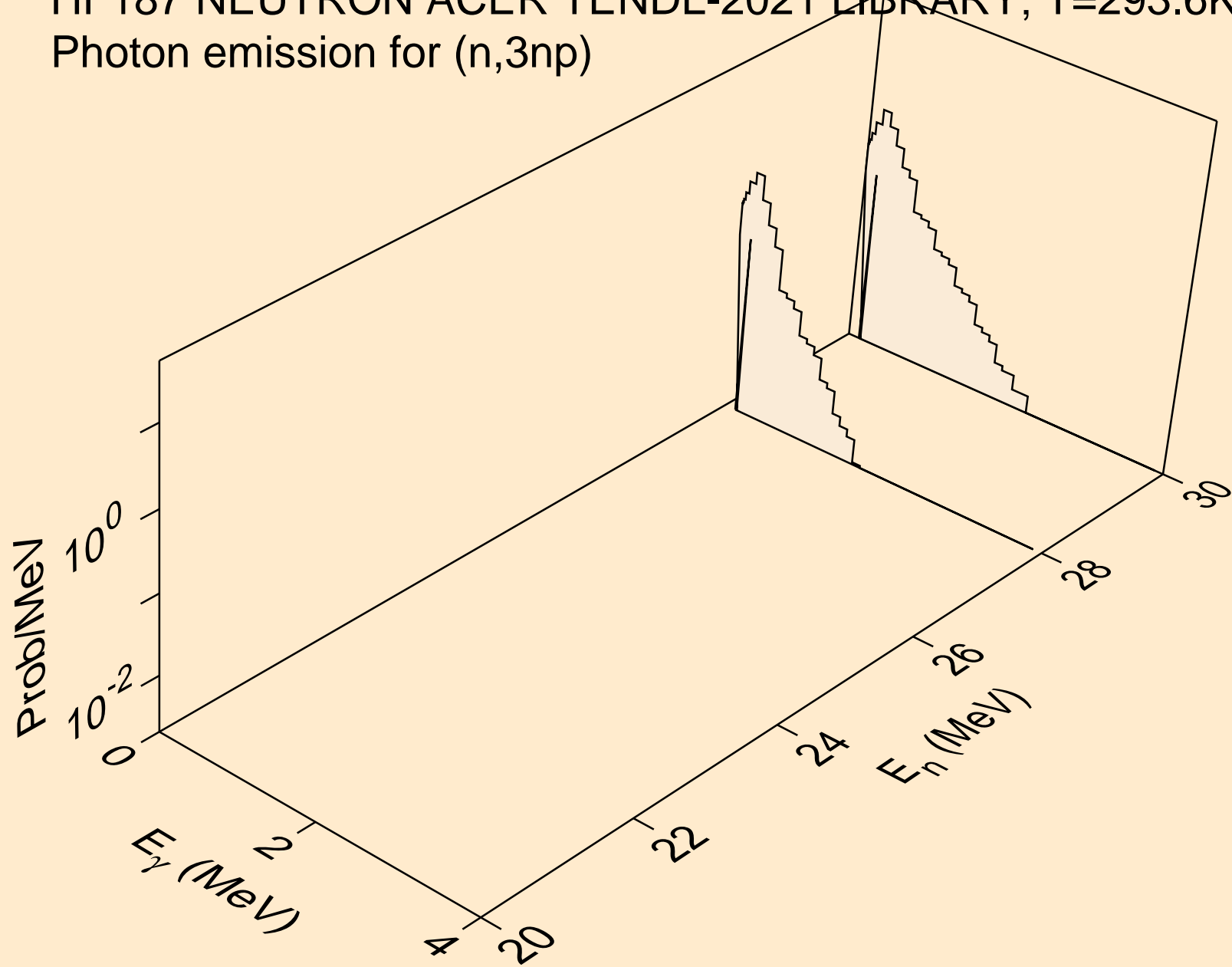
HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,4n)



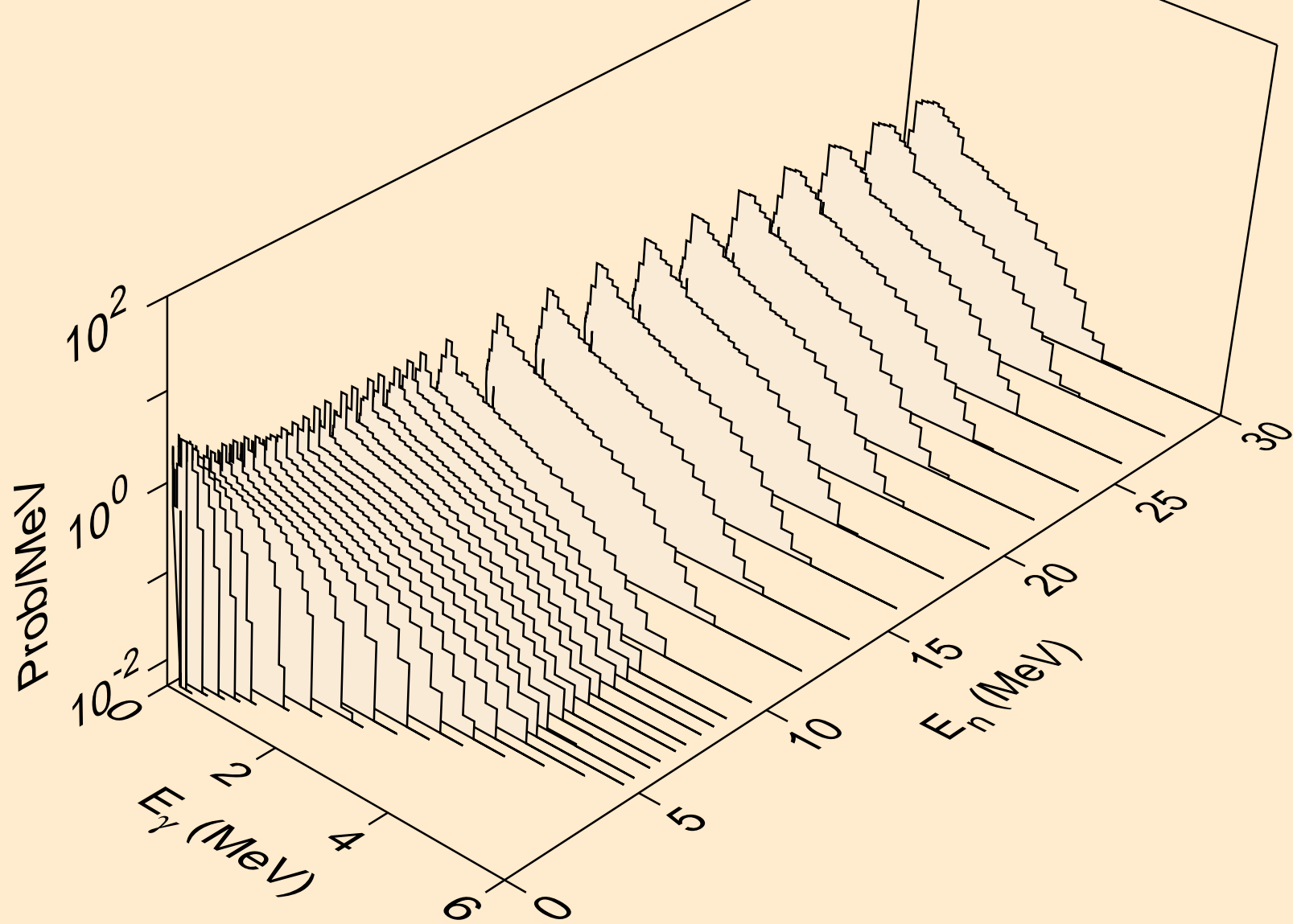
HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)



HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3np)

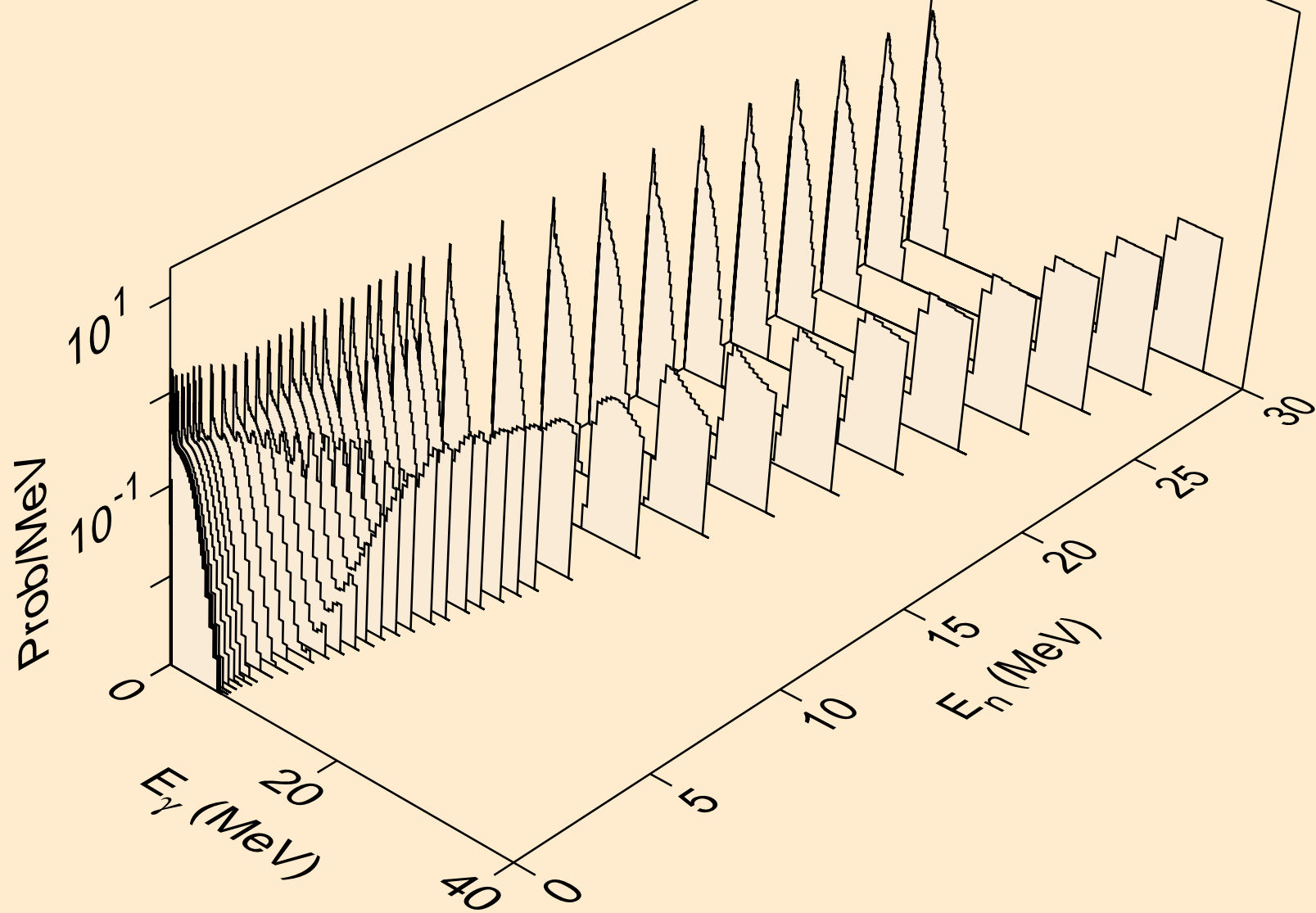


HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)

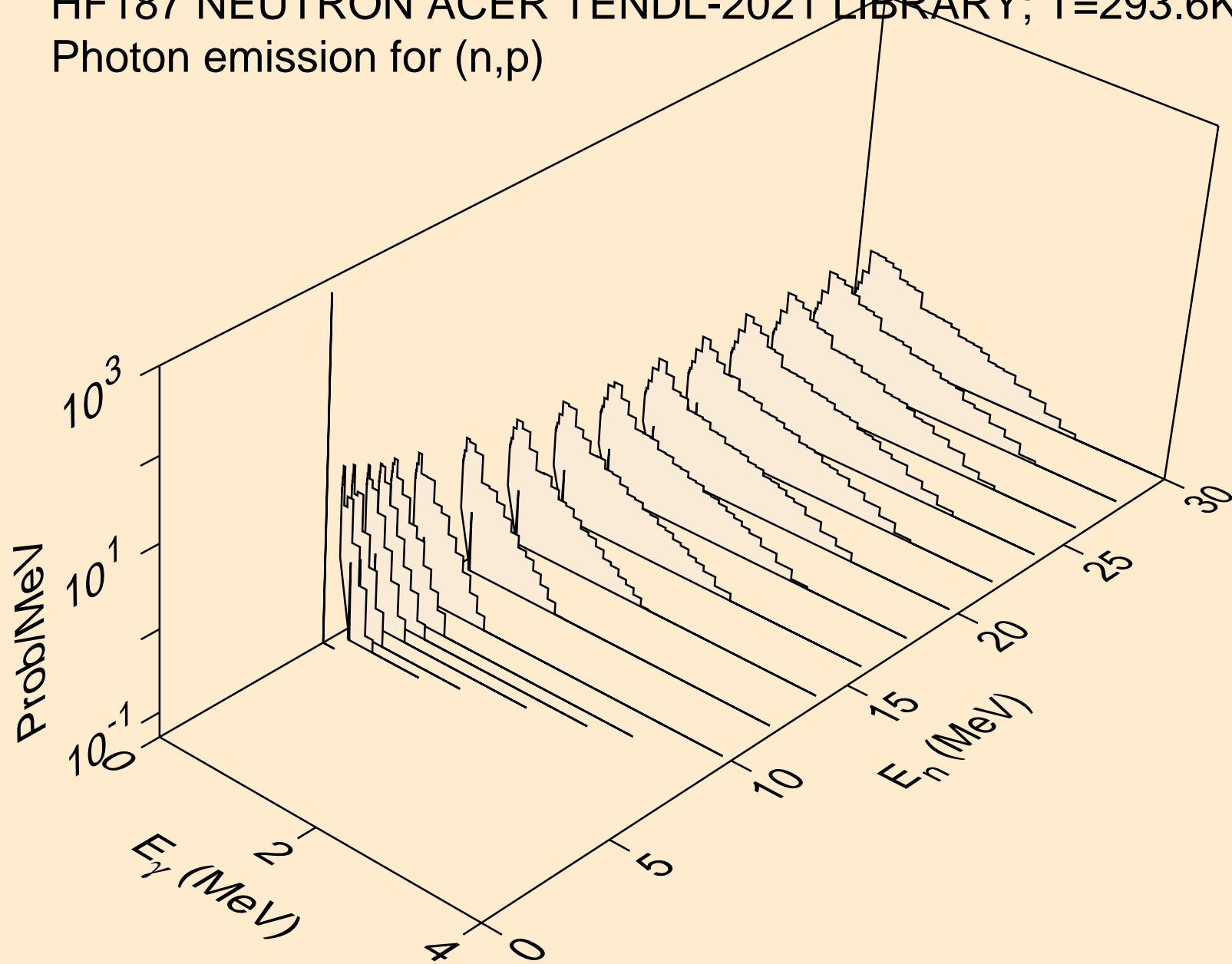




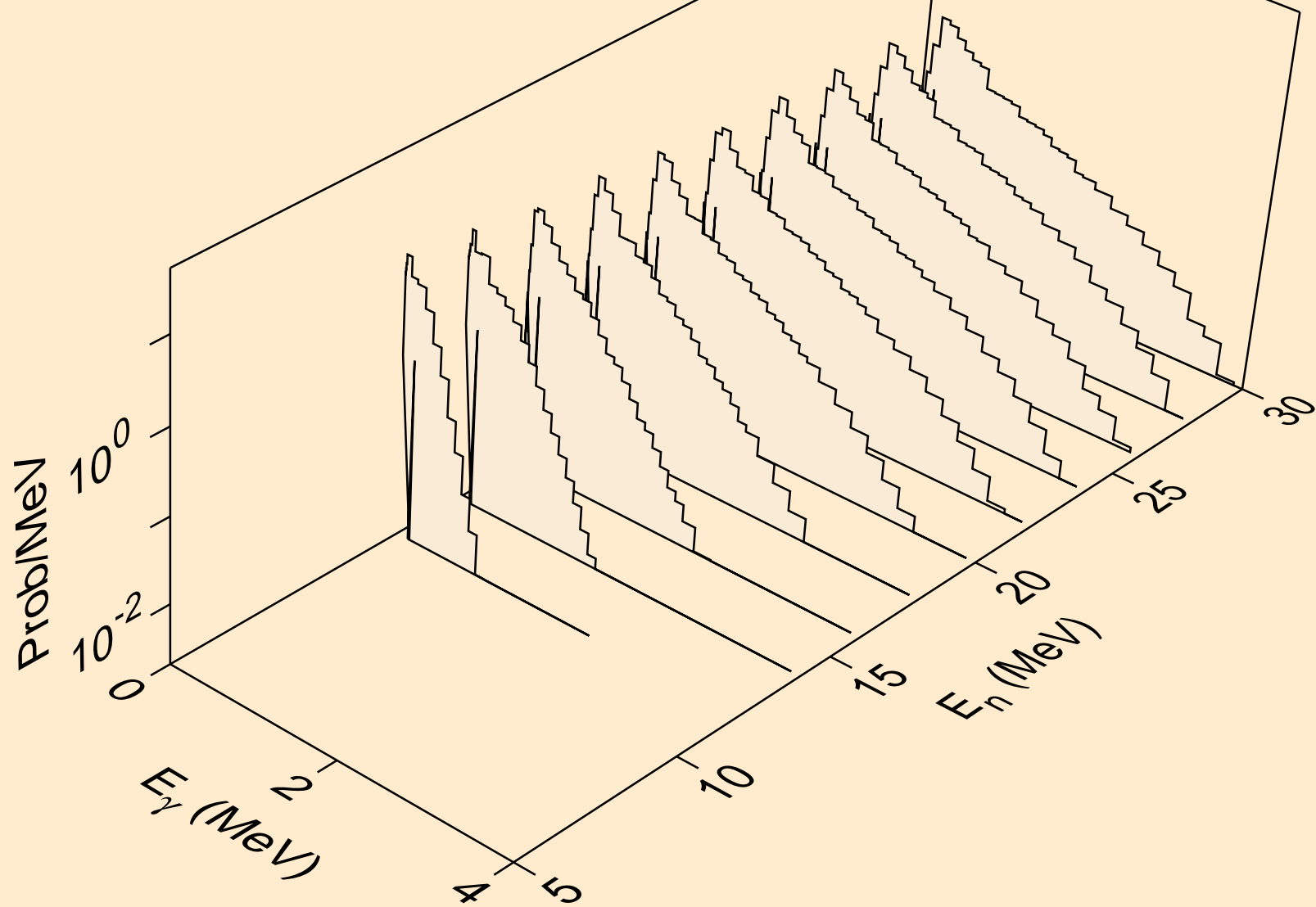
HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,gma)



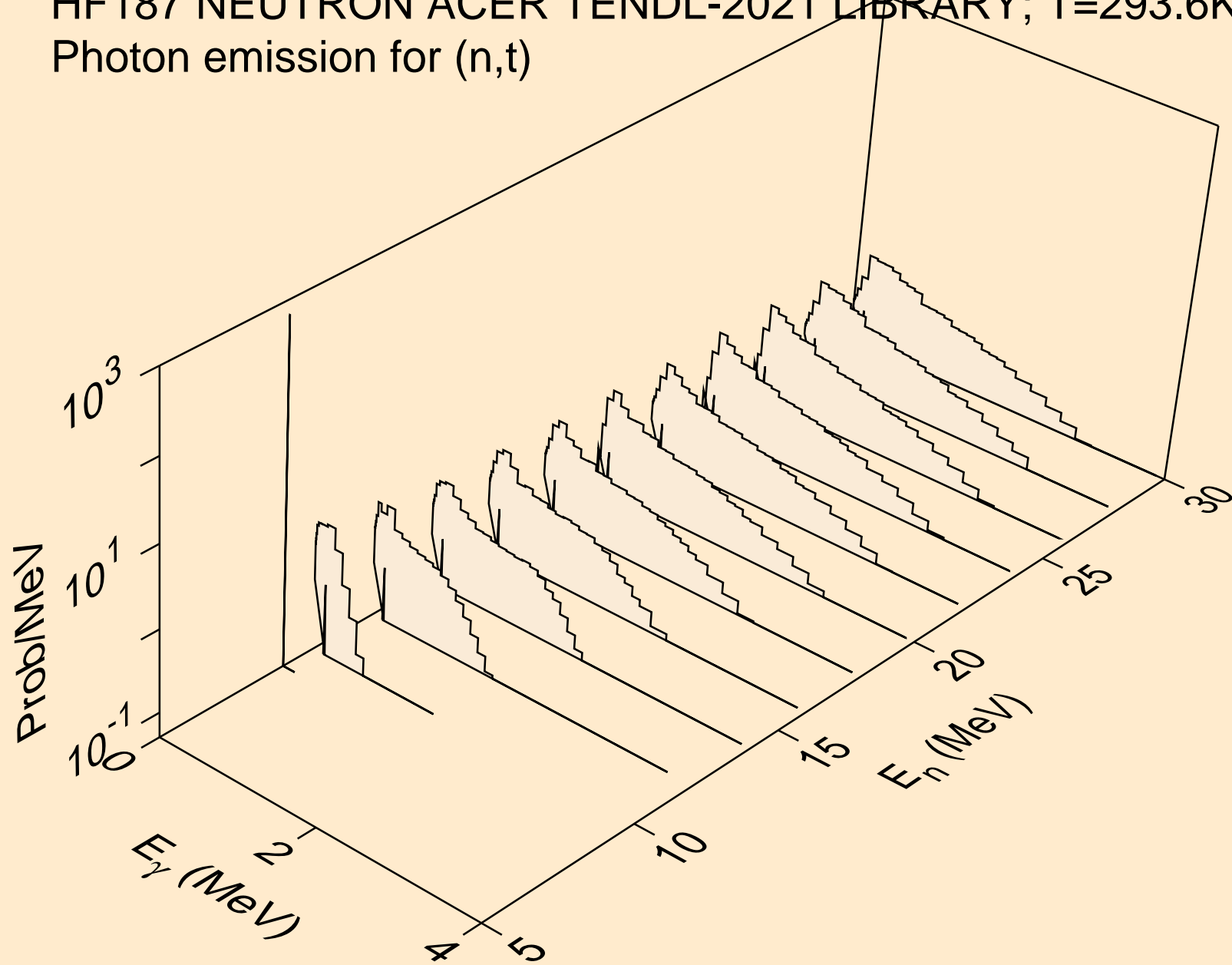
HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p)



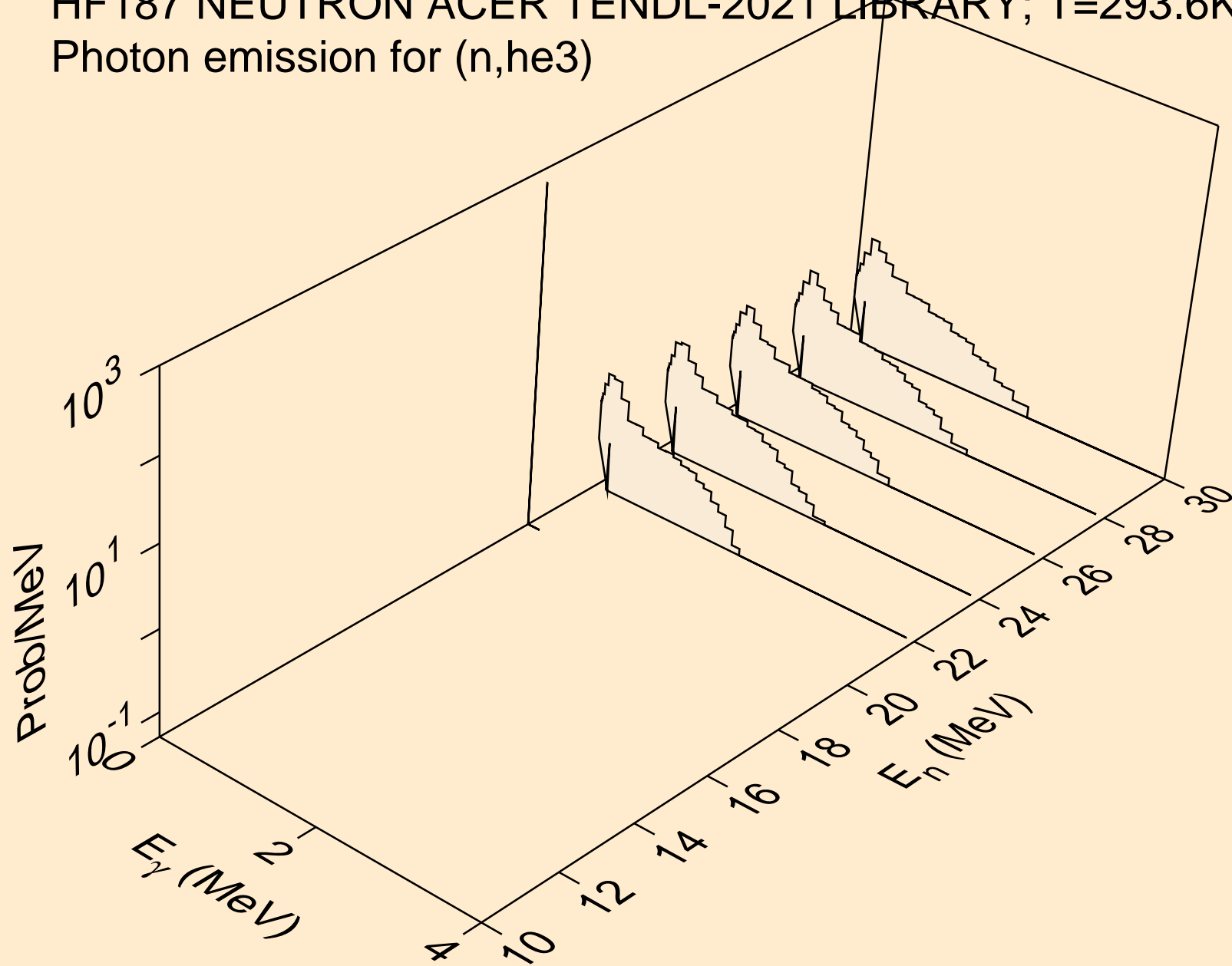
HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,d)



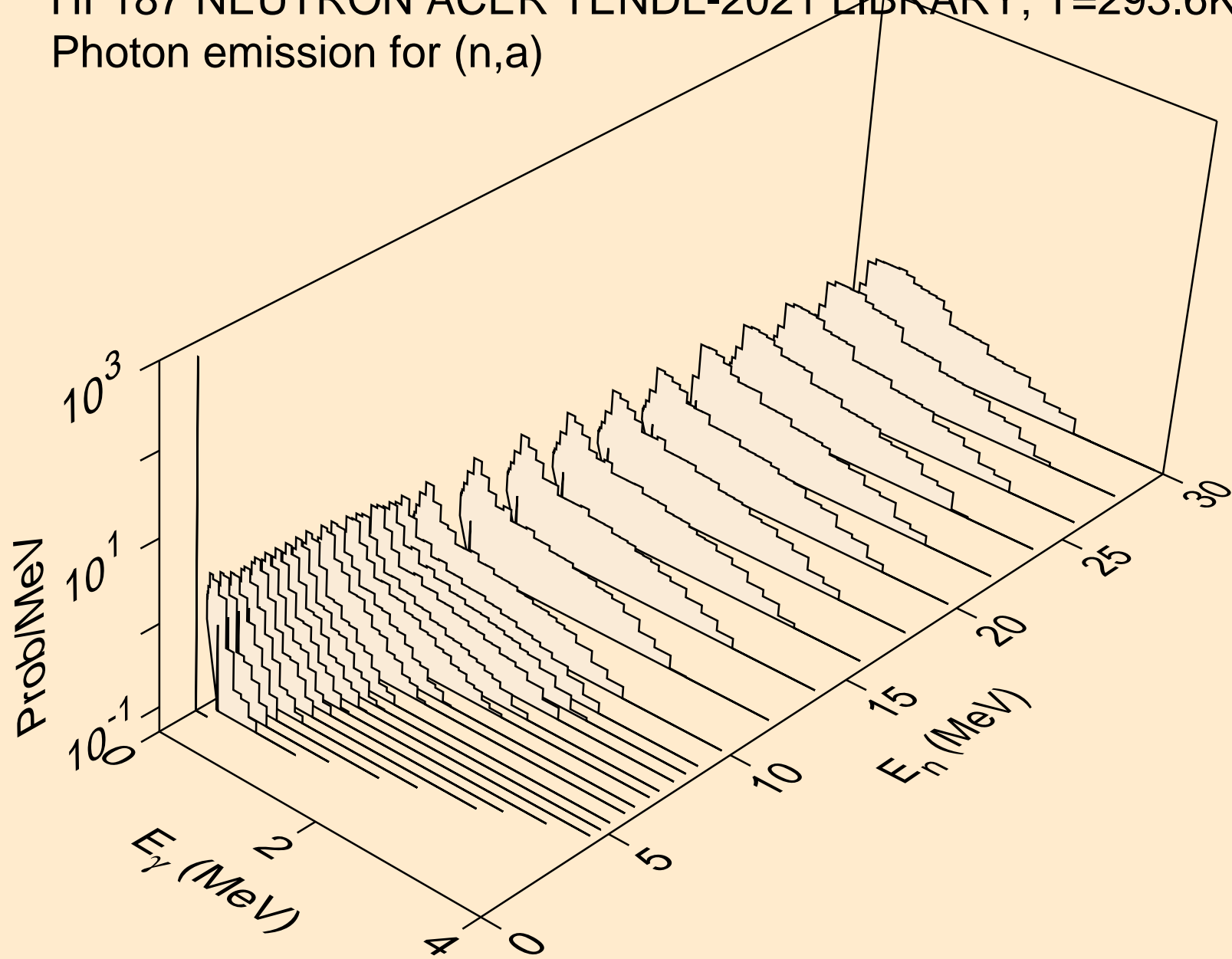
HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,t)



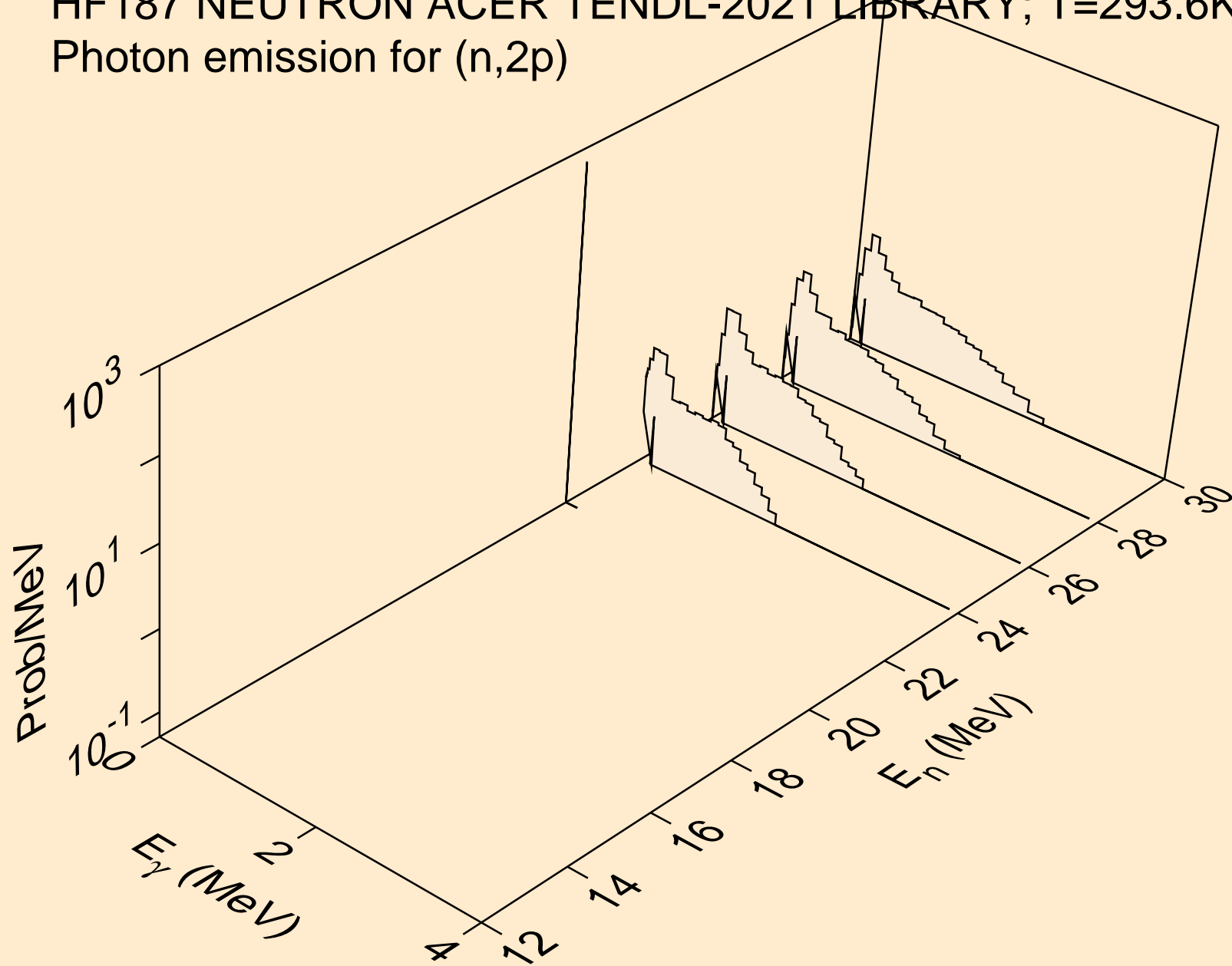
HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,he3)



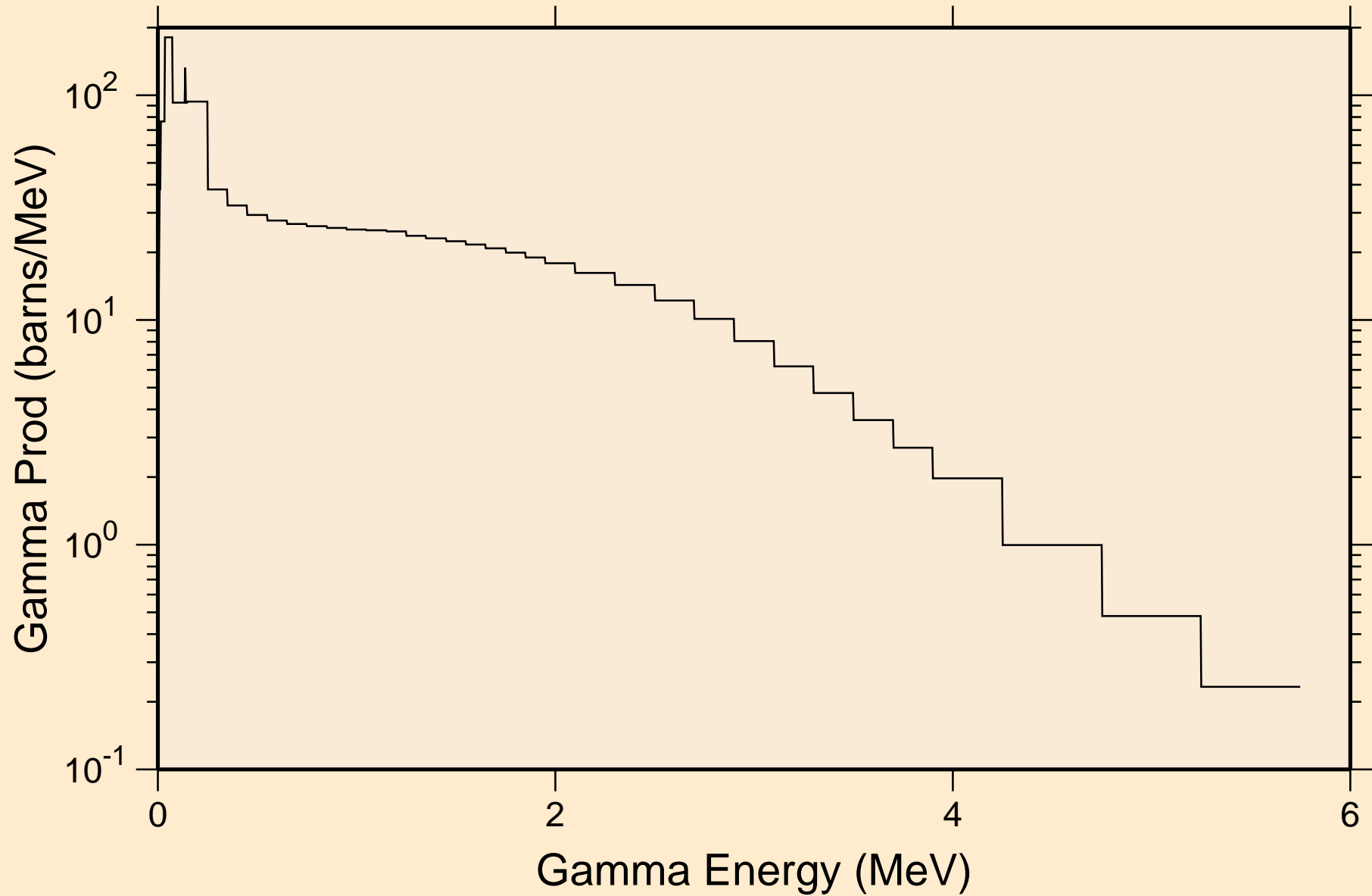
HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,a)



HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2p)

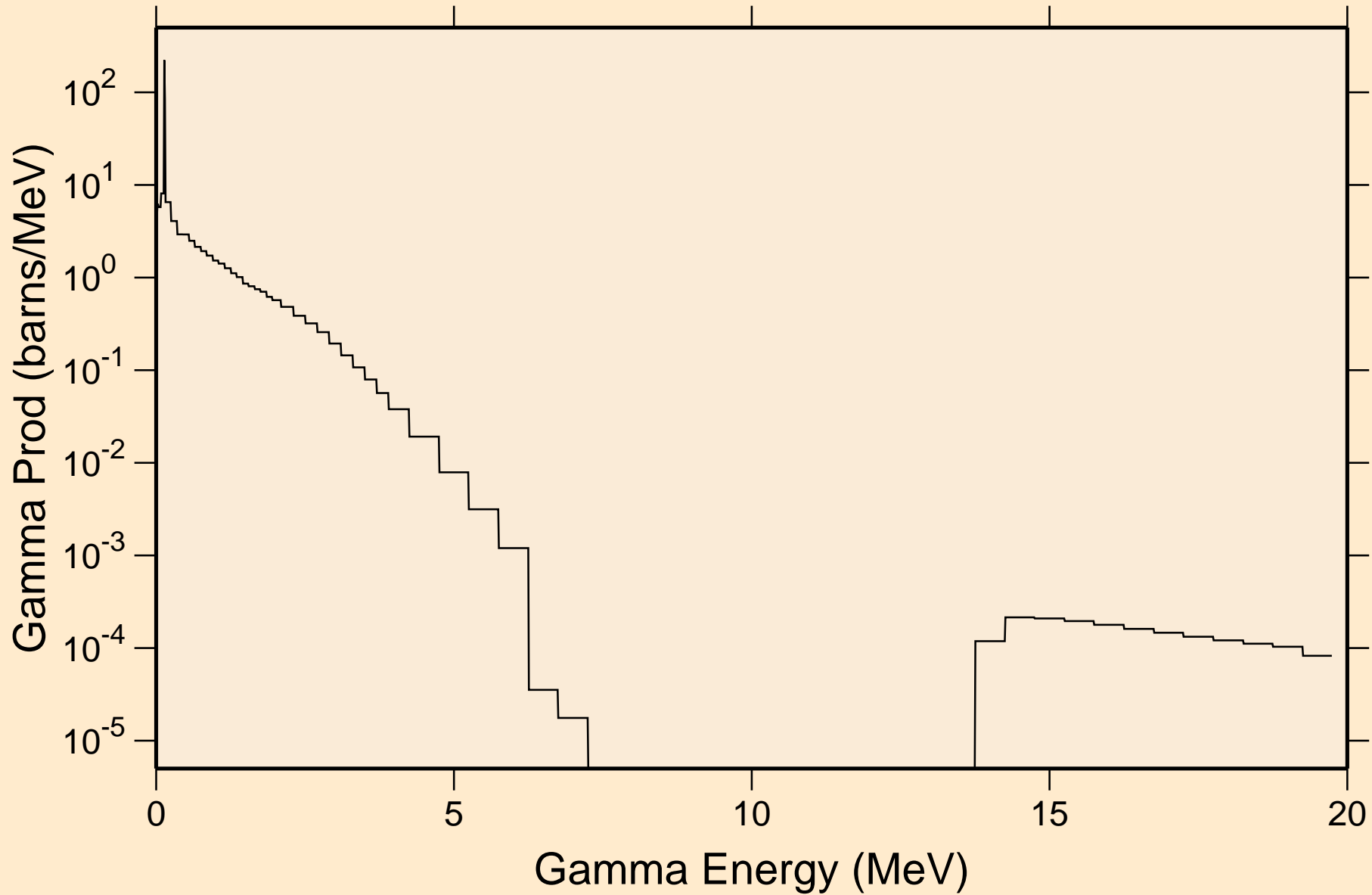


HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
thermal capture photon spectrum



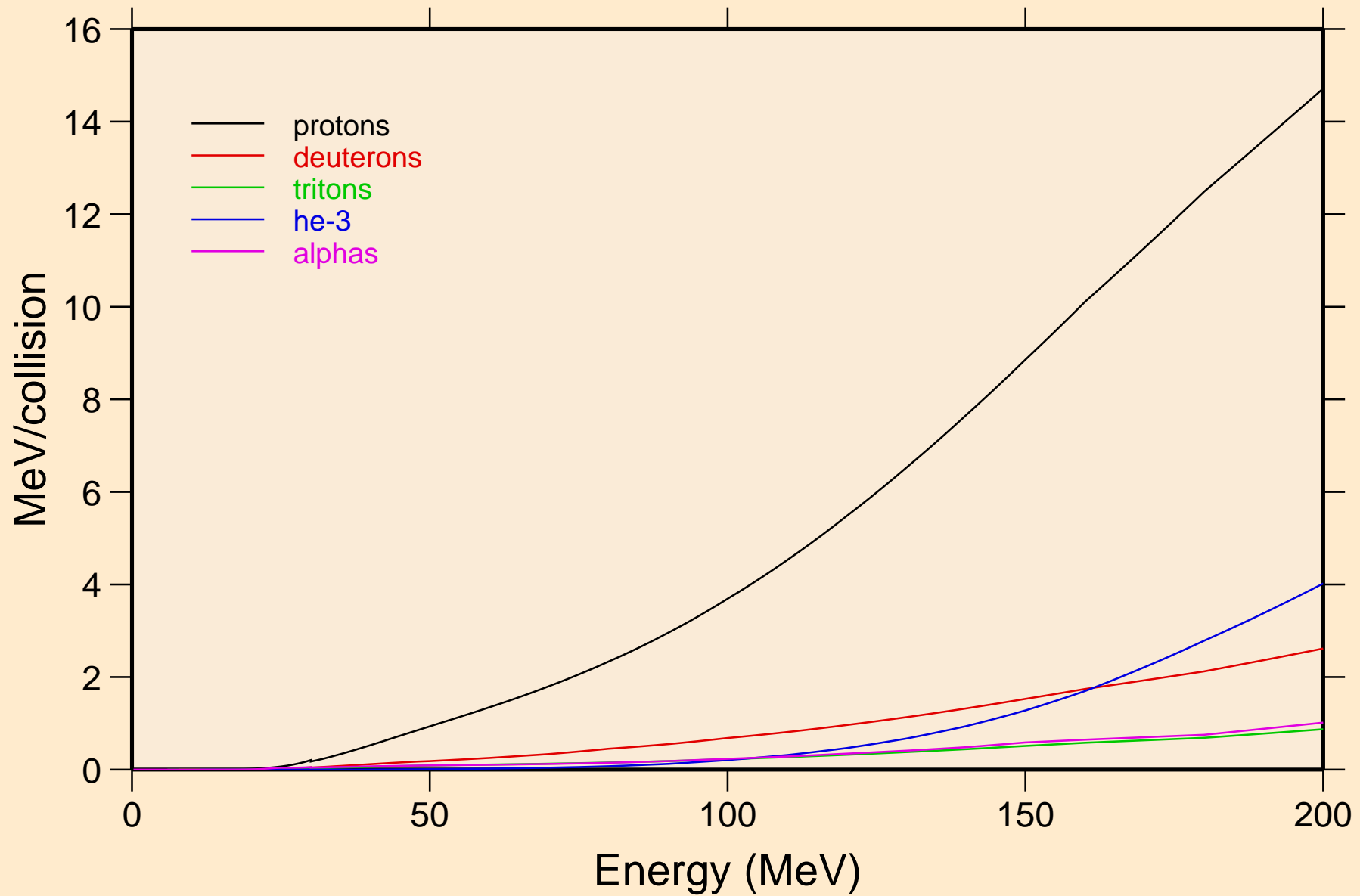


HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
14 MeV photon spectrum

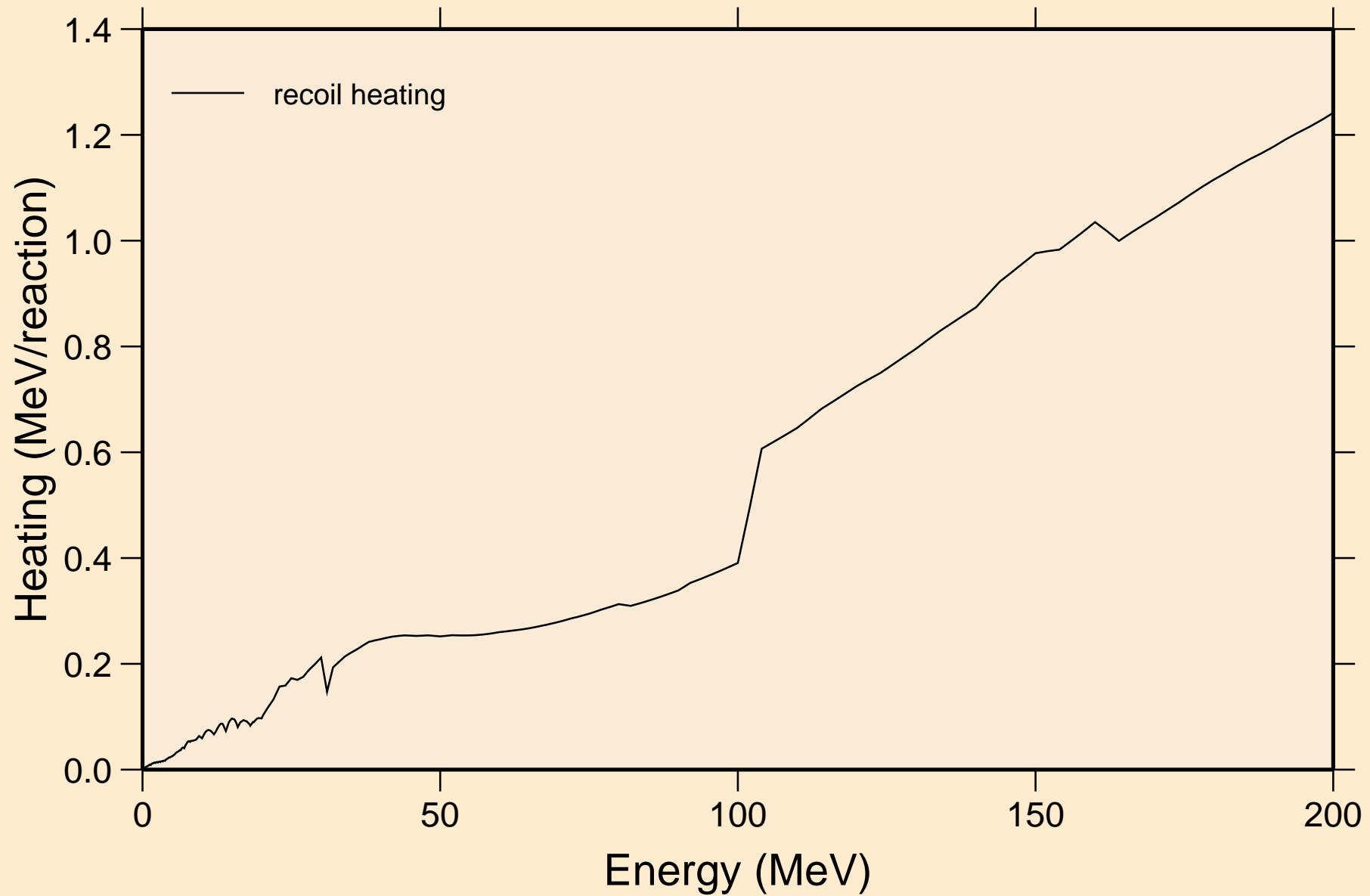


# HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Particle heating contributions

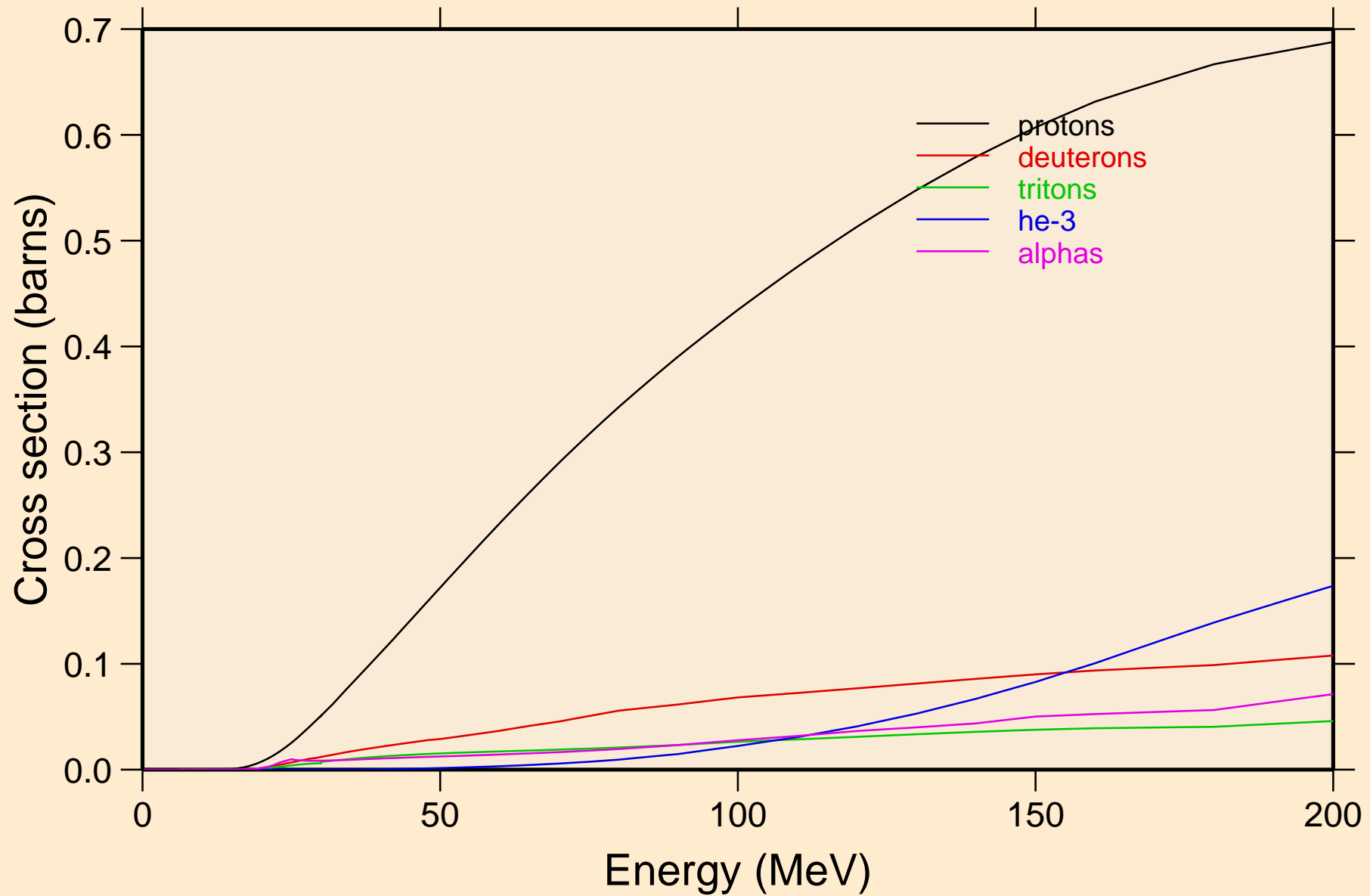


HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Recoil Heating

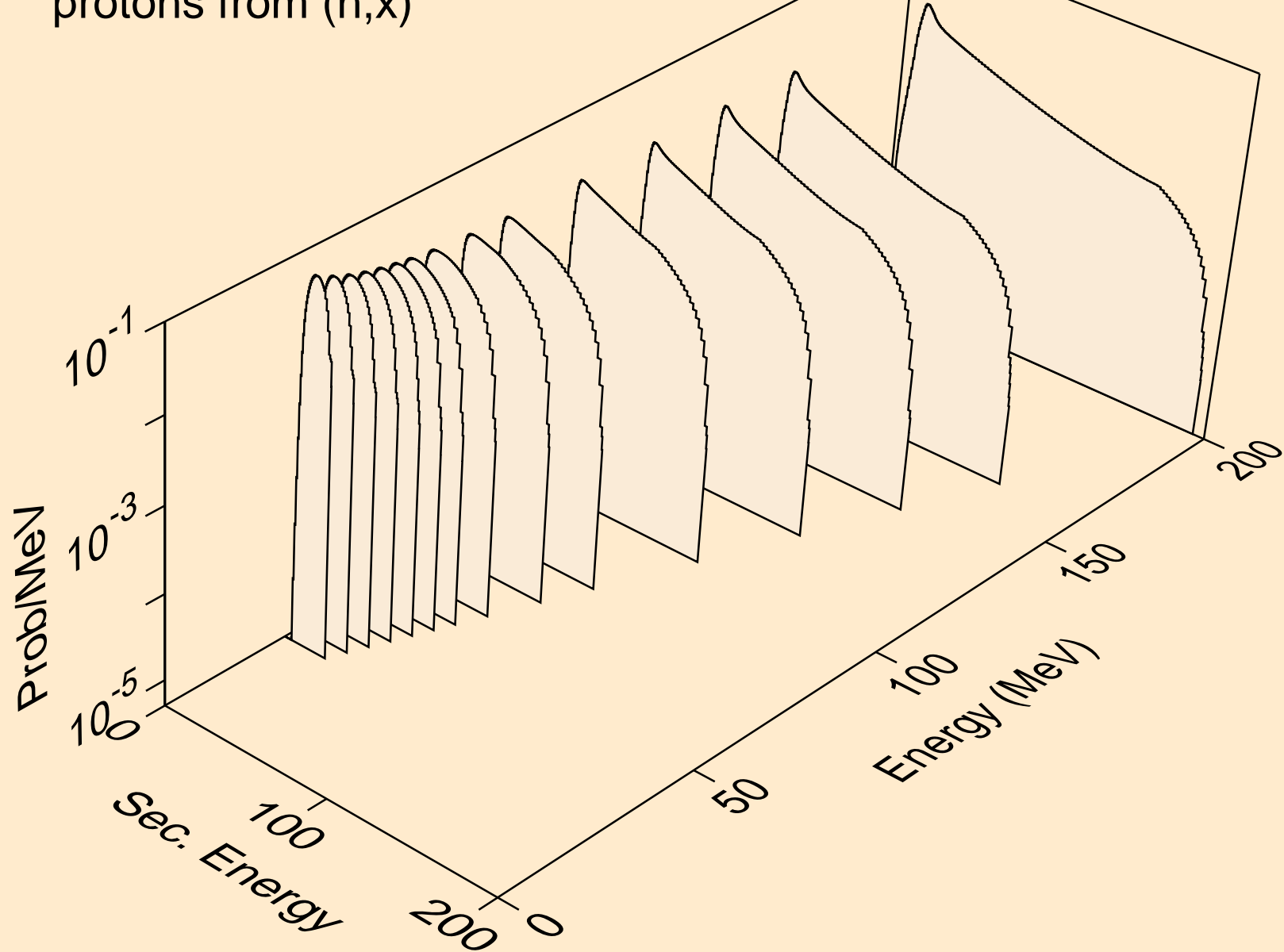


# HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

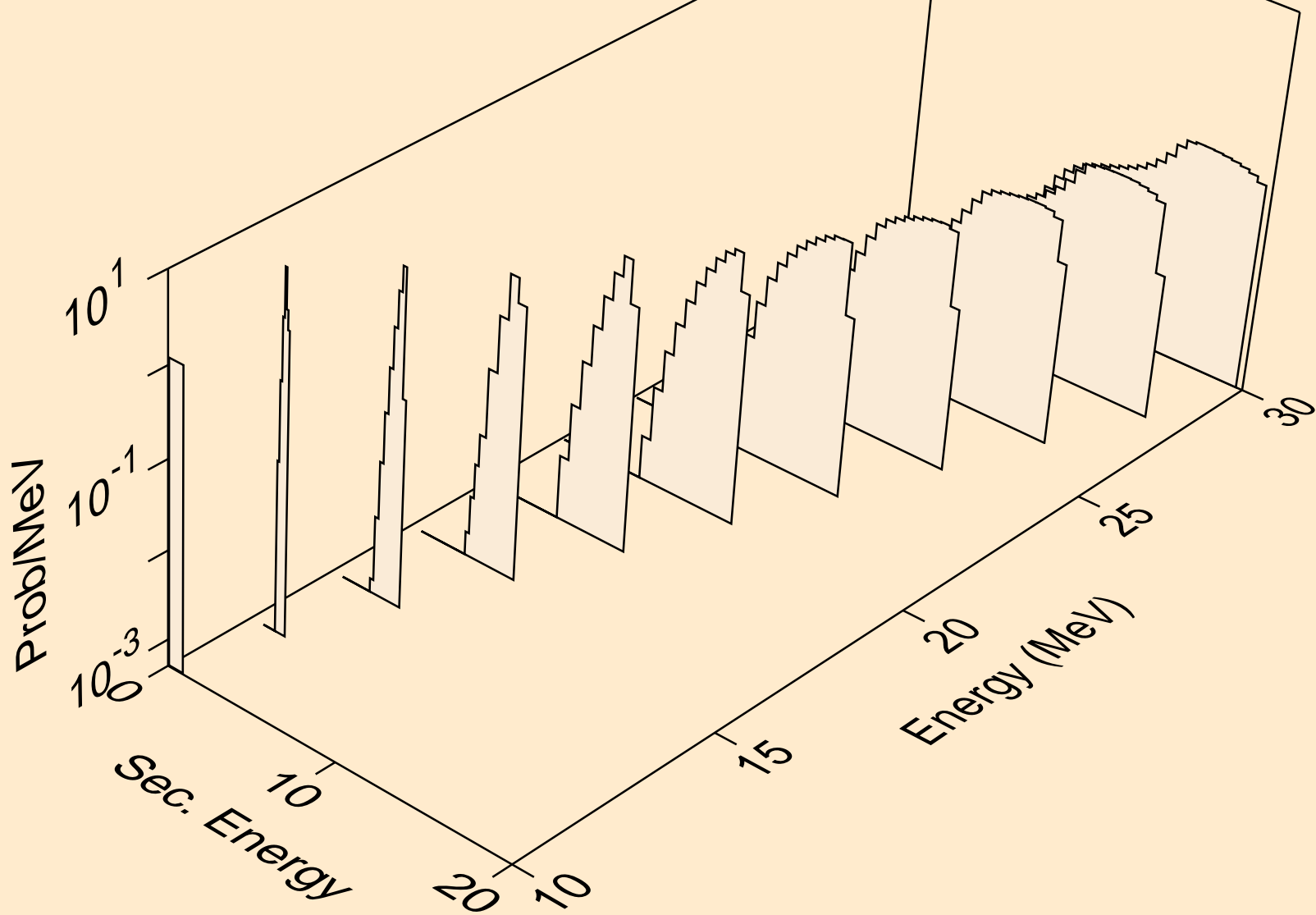
## Particle production cross sections



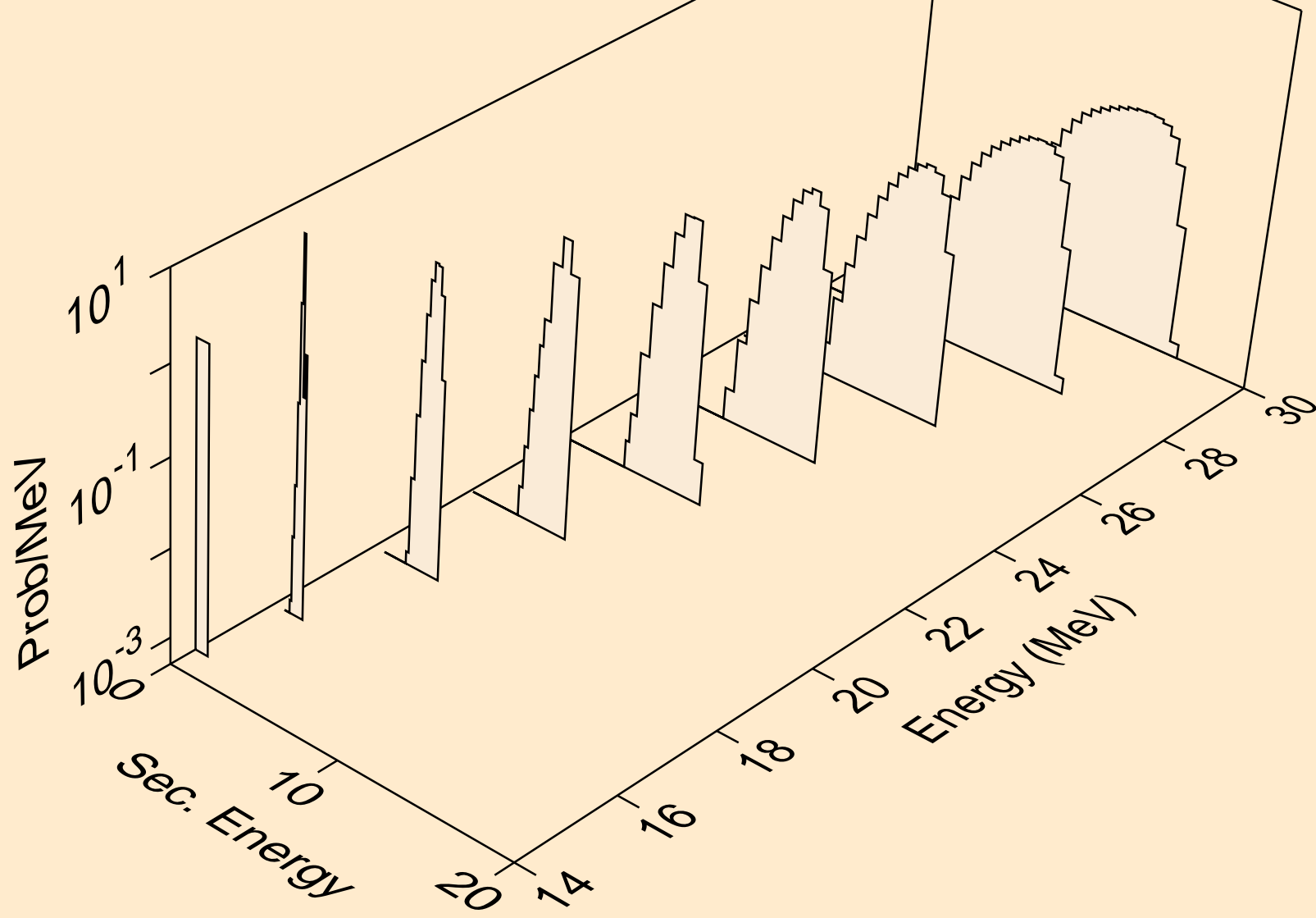
HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)



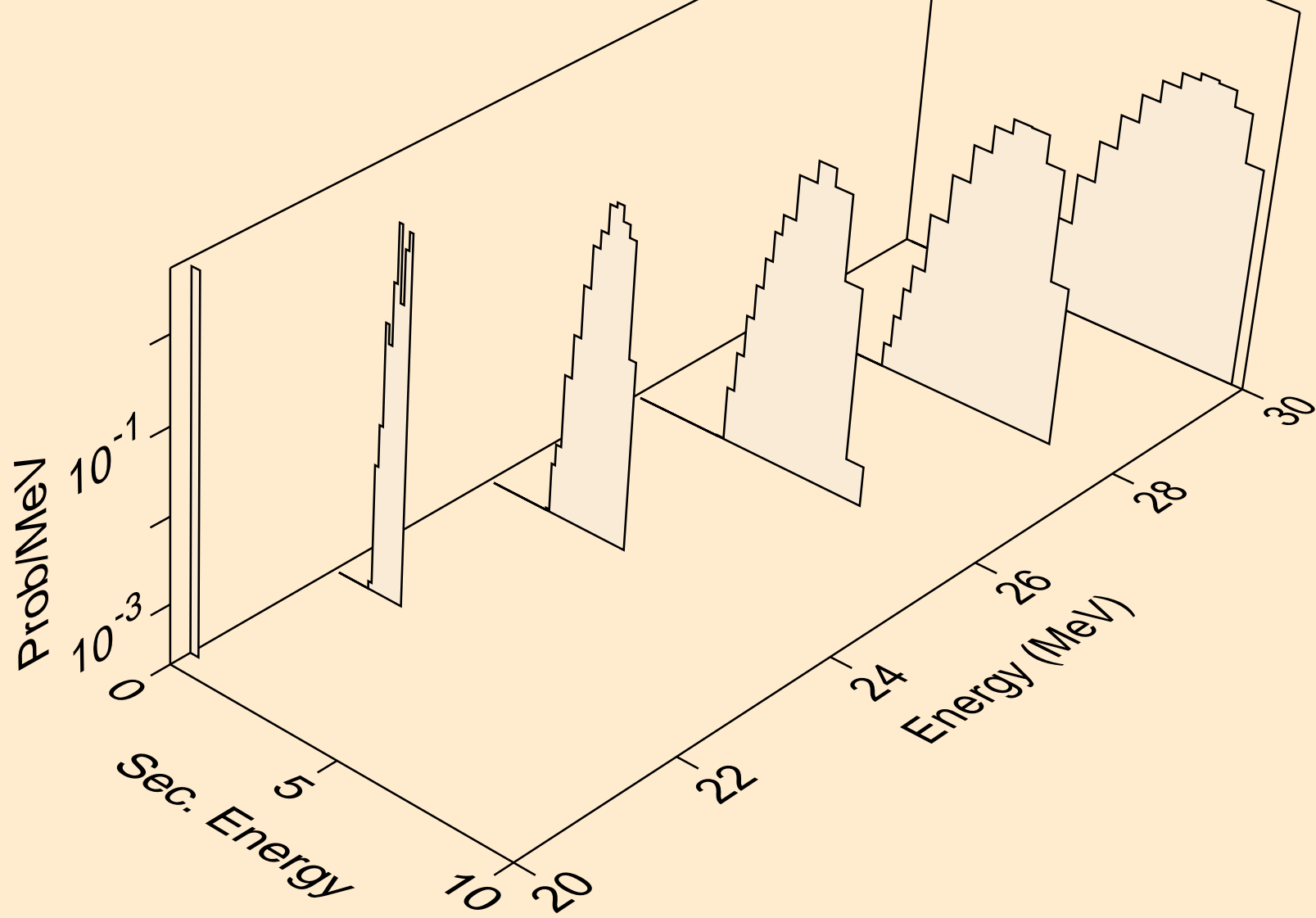
HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,n\*)p



HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2np)

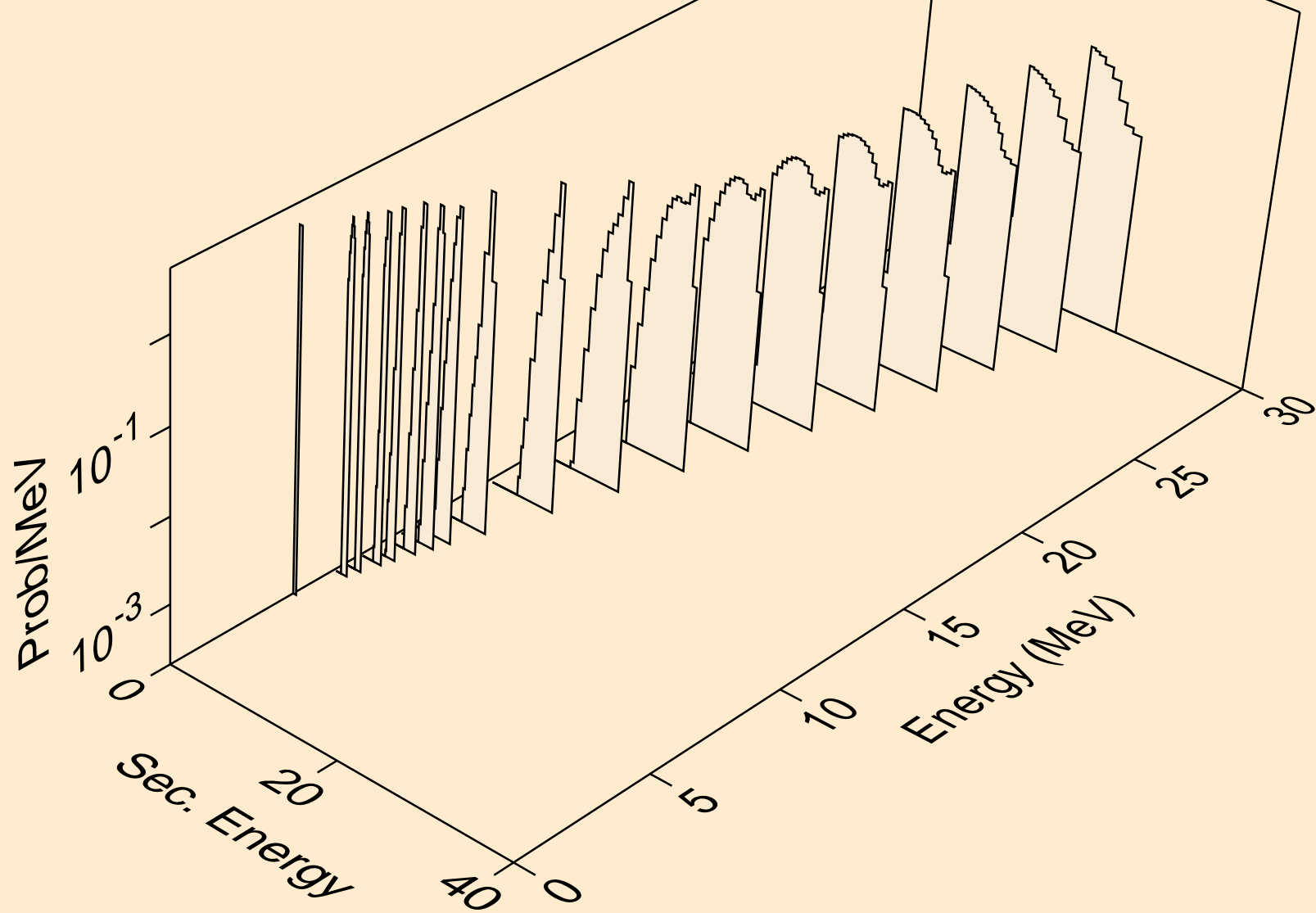


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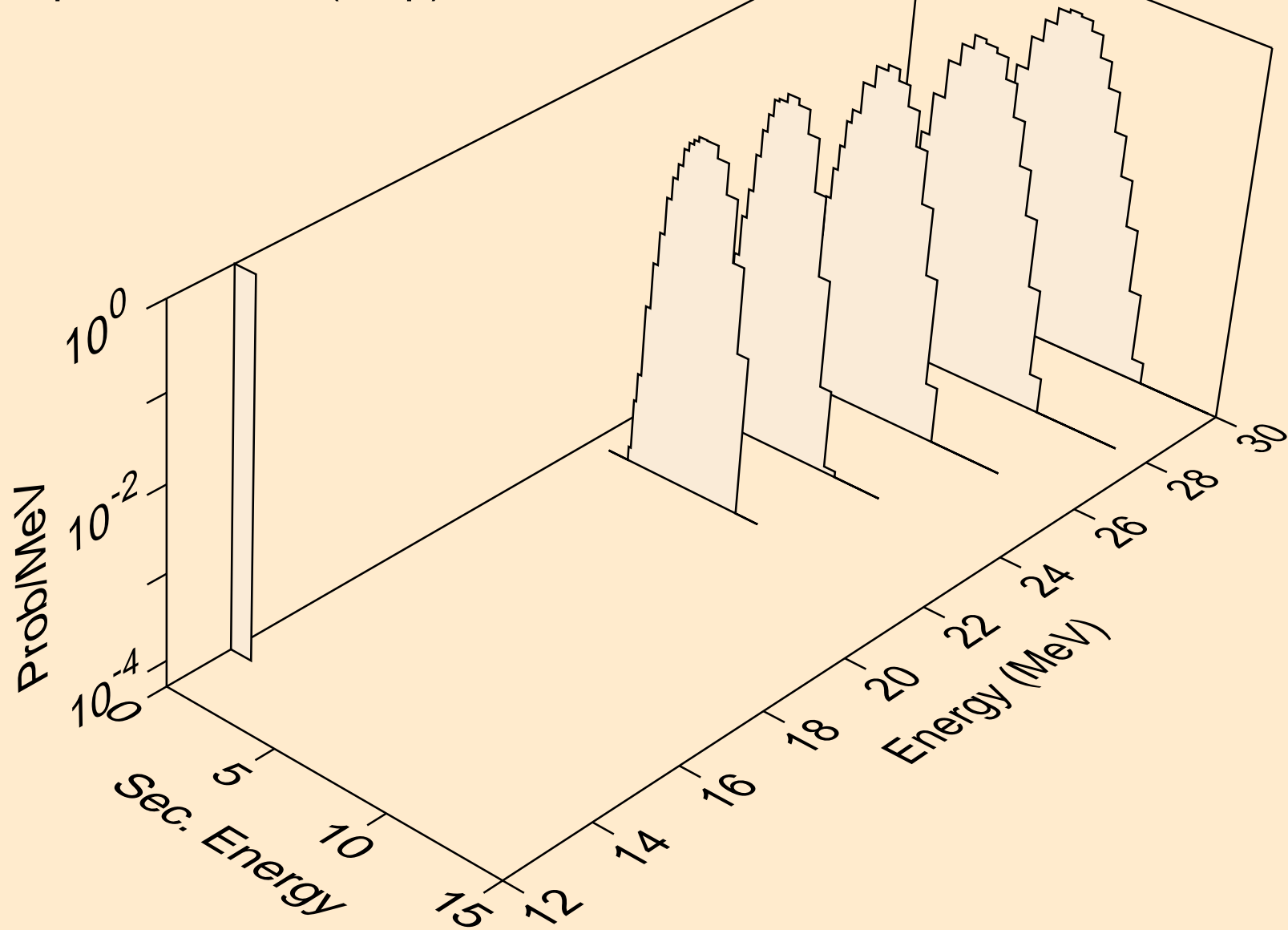




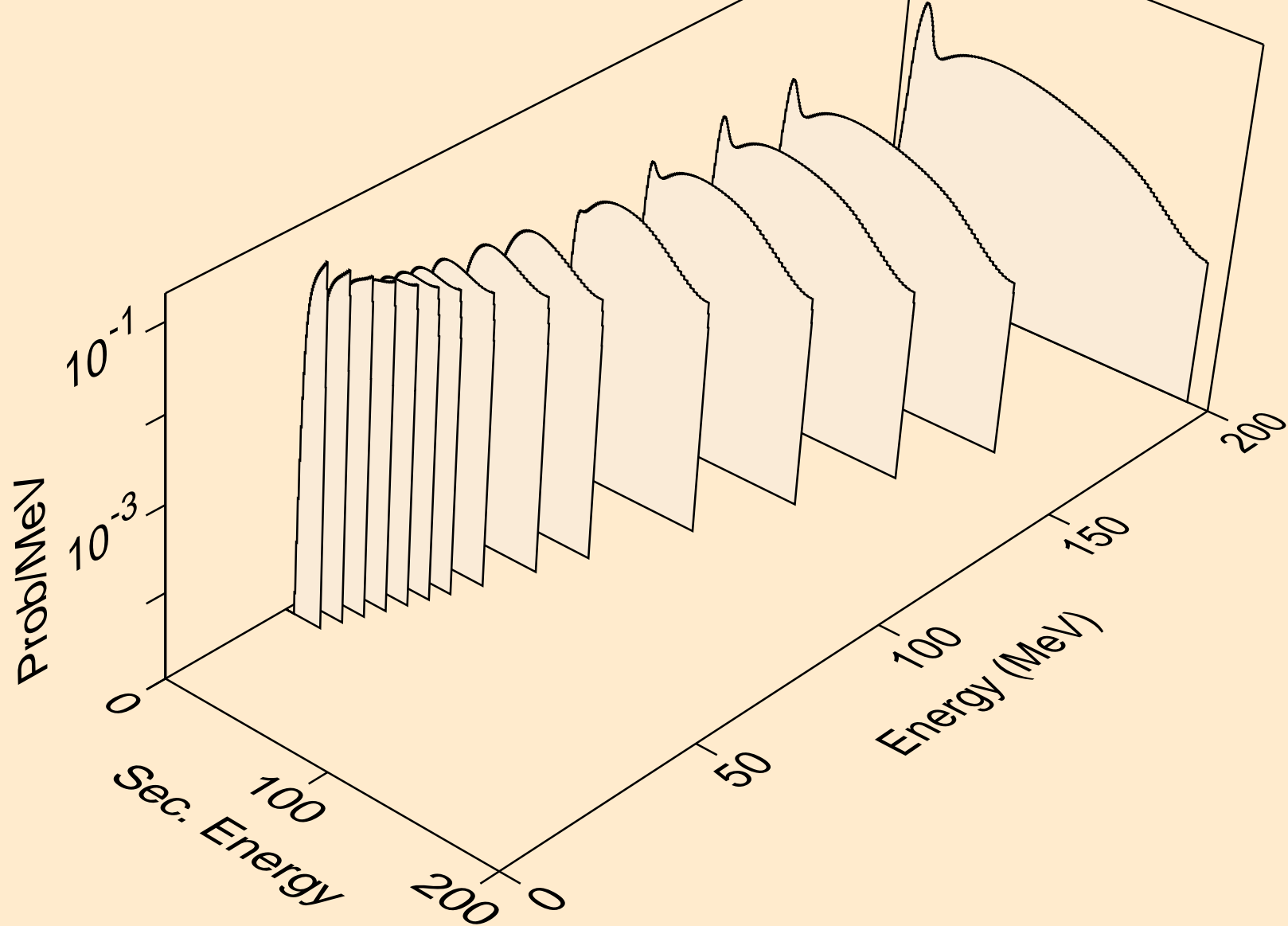
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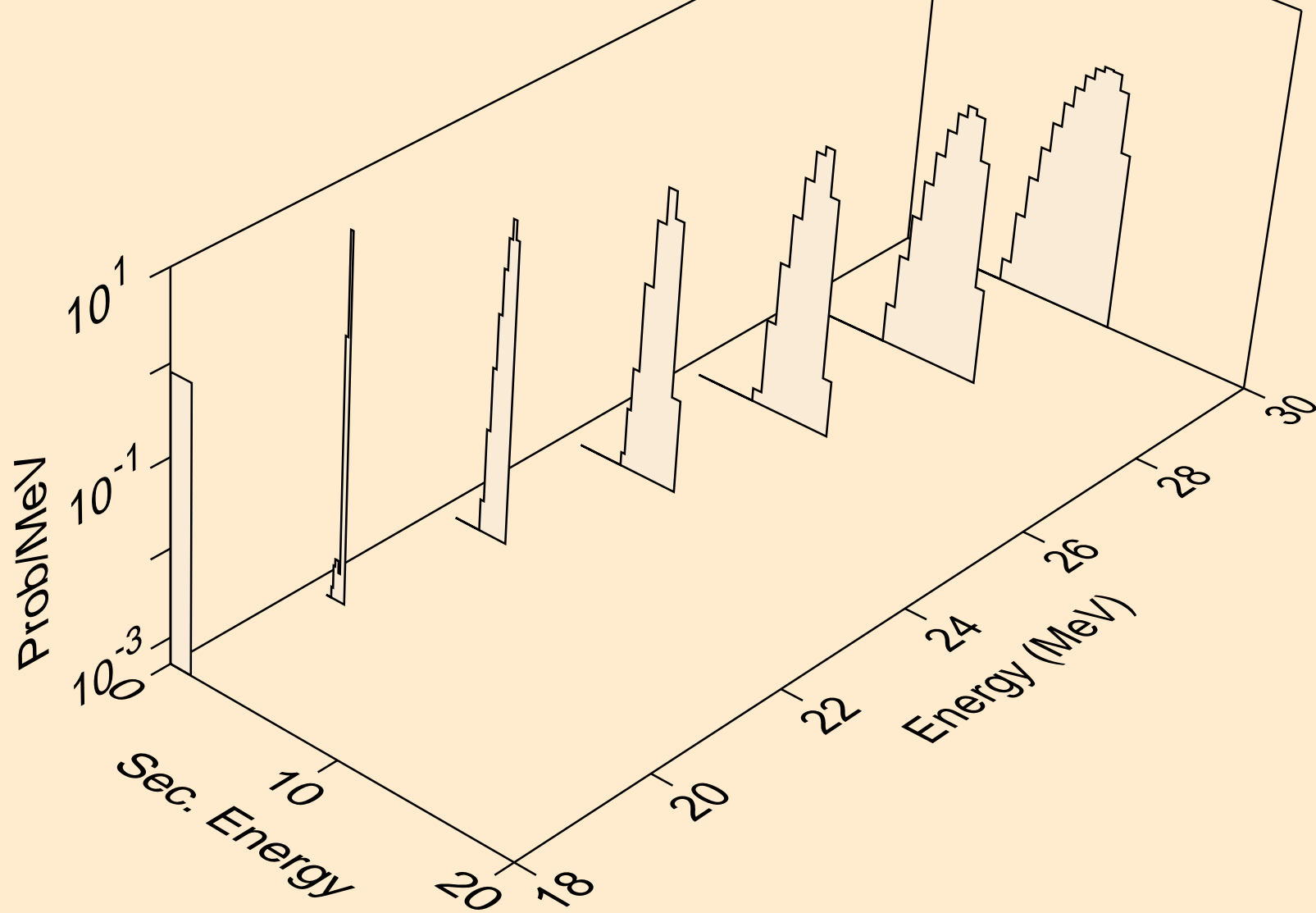
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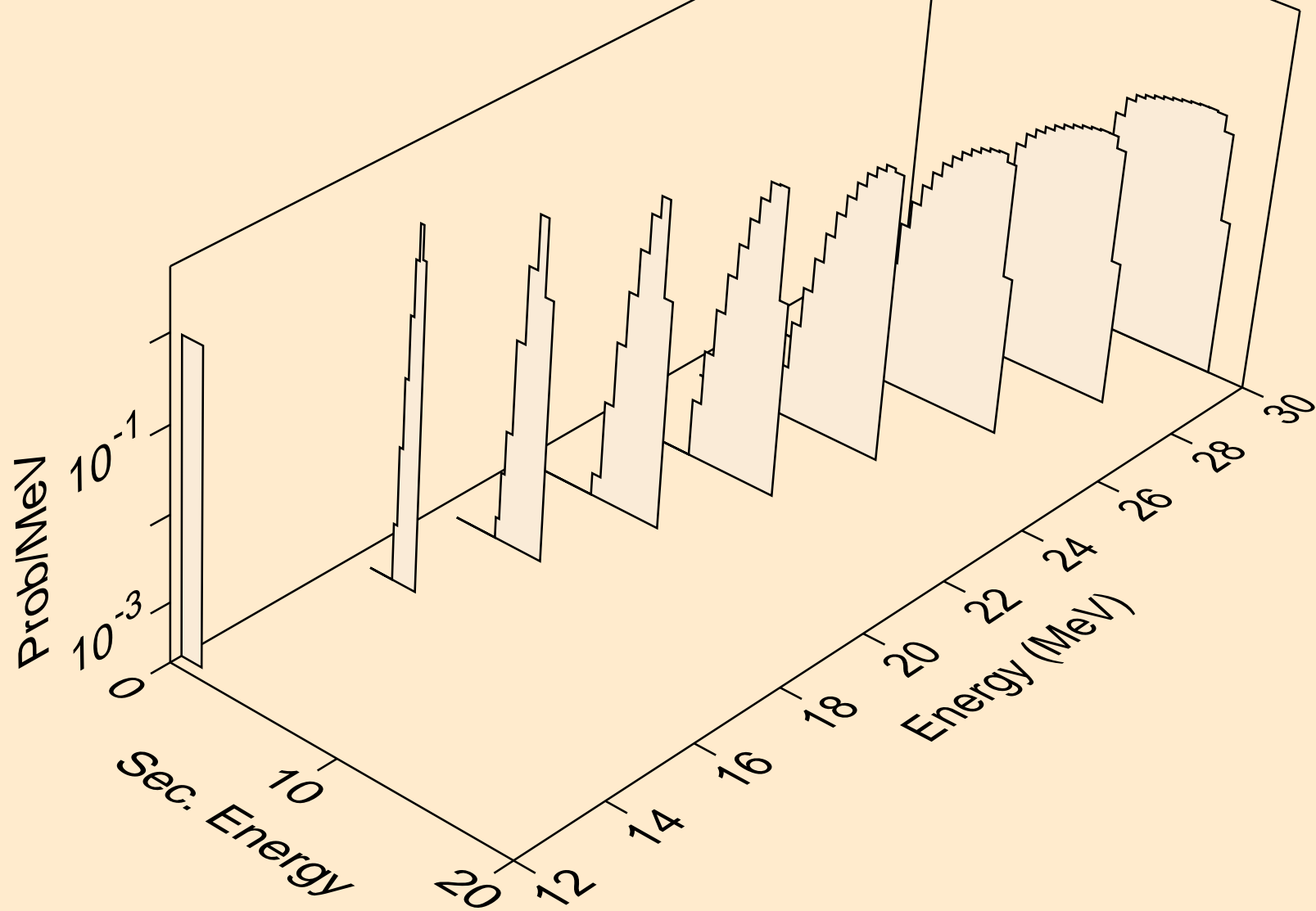
HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,x)



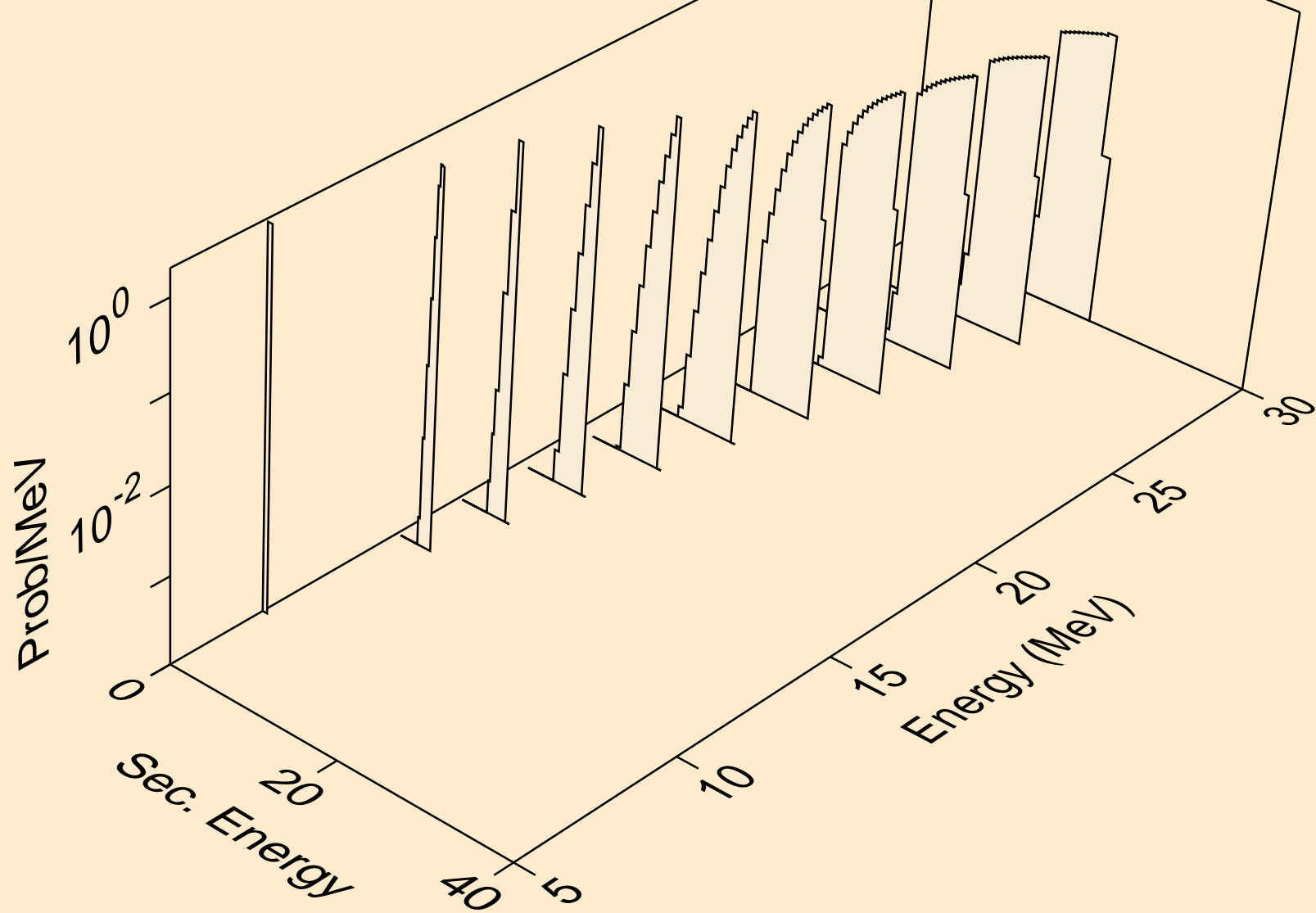
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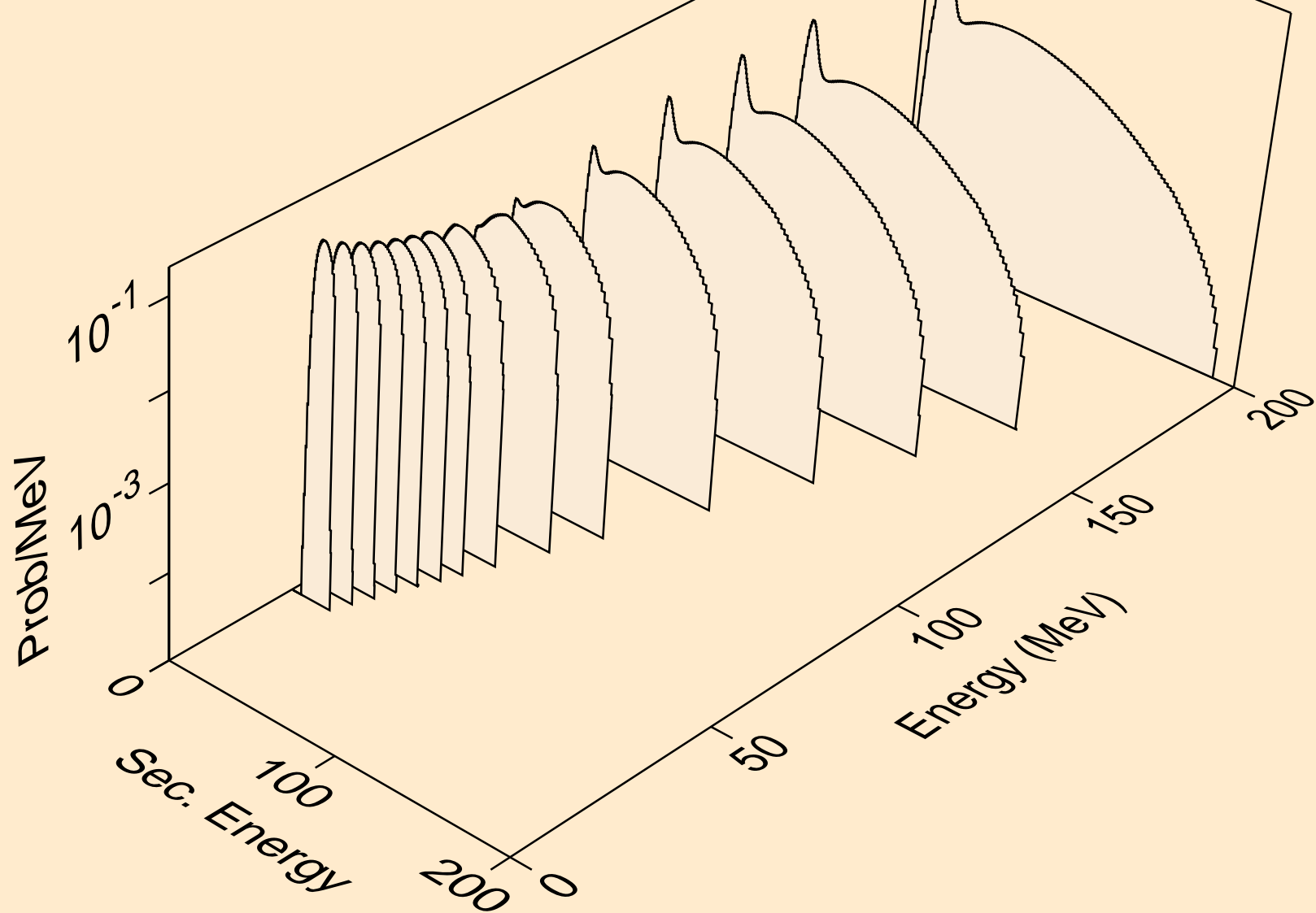
HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
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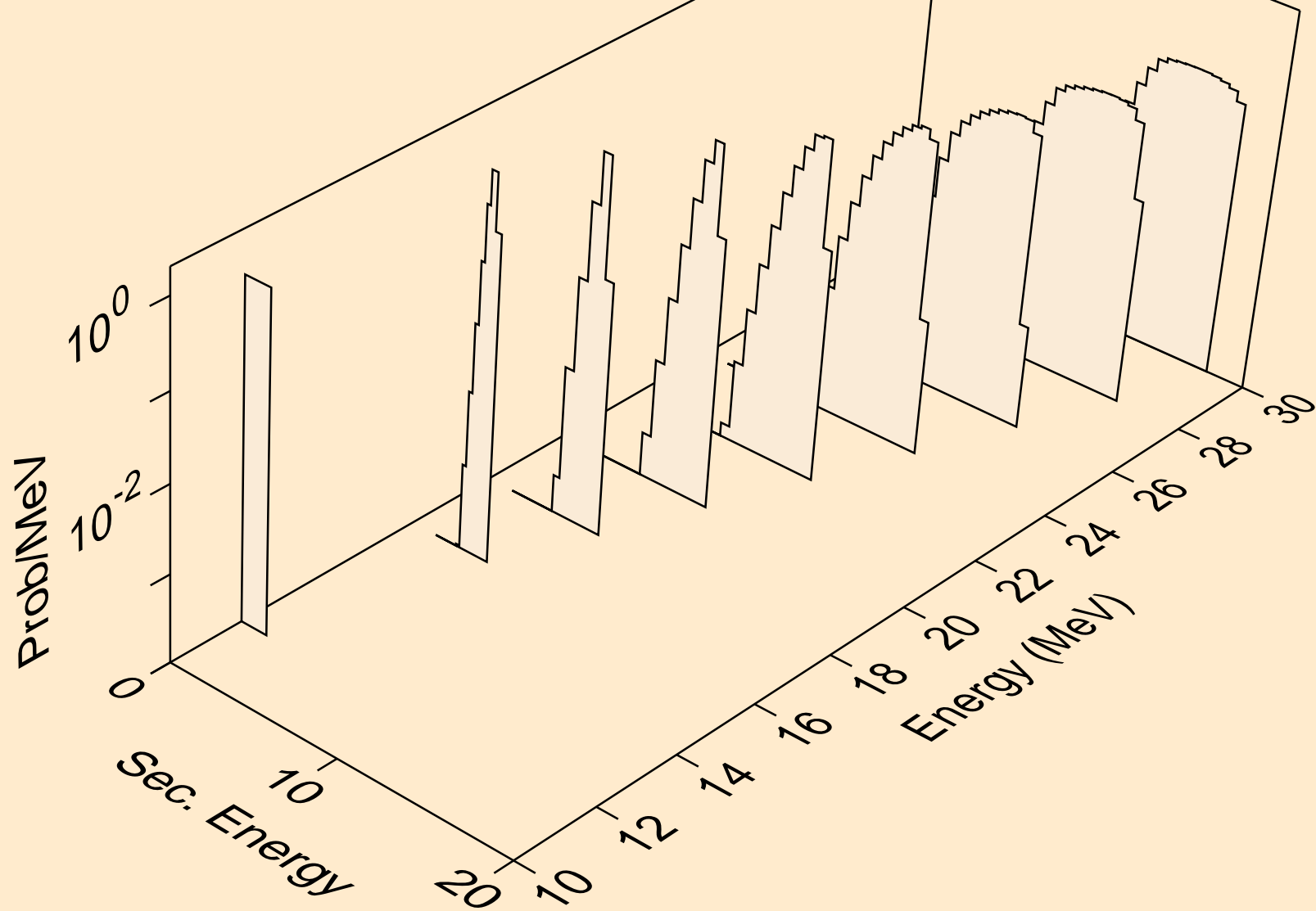
HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
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HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,x)

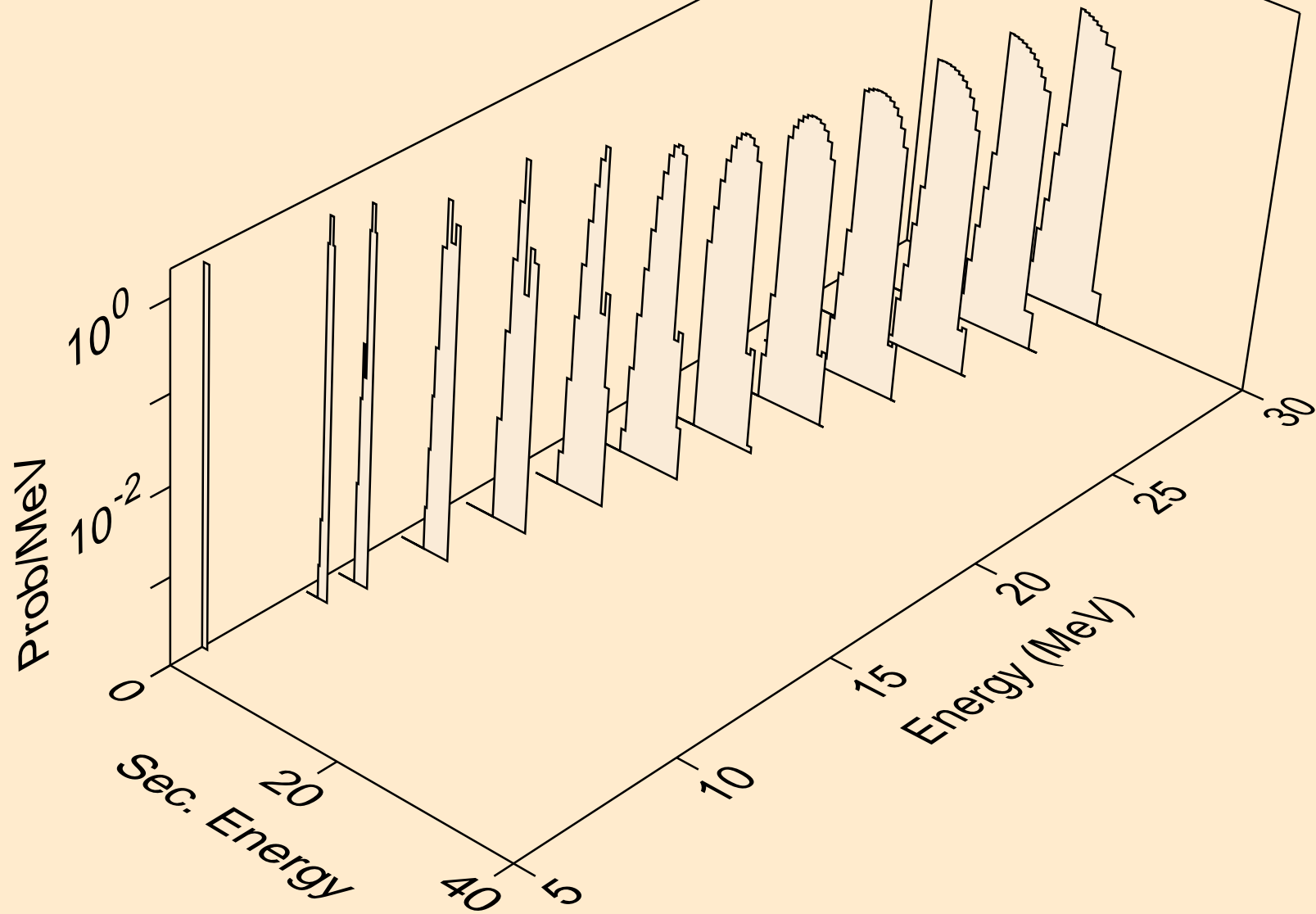


HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
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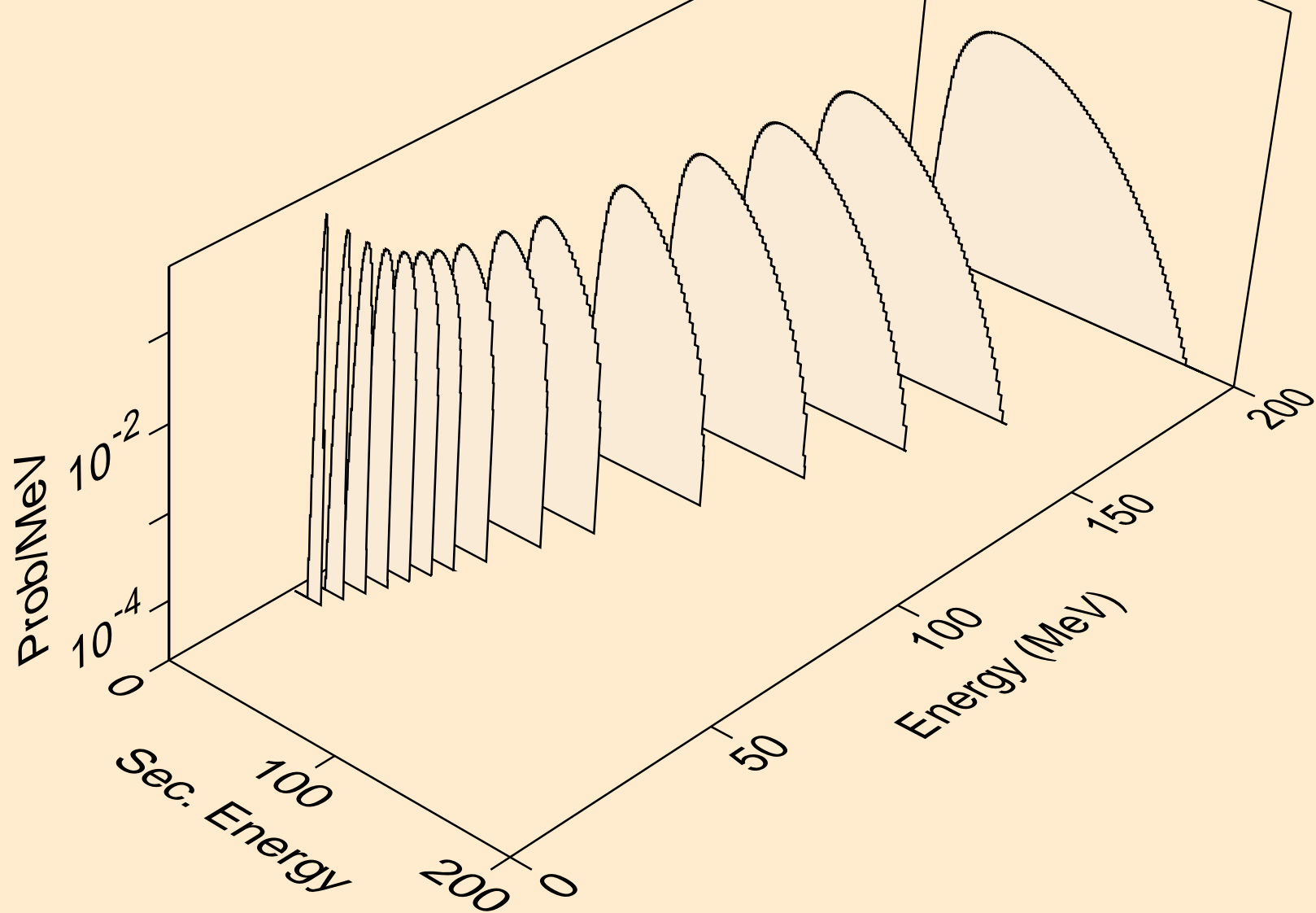




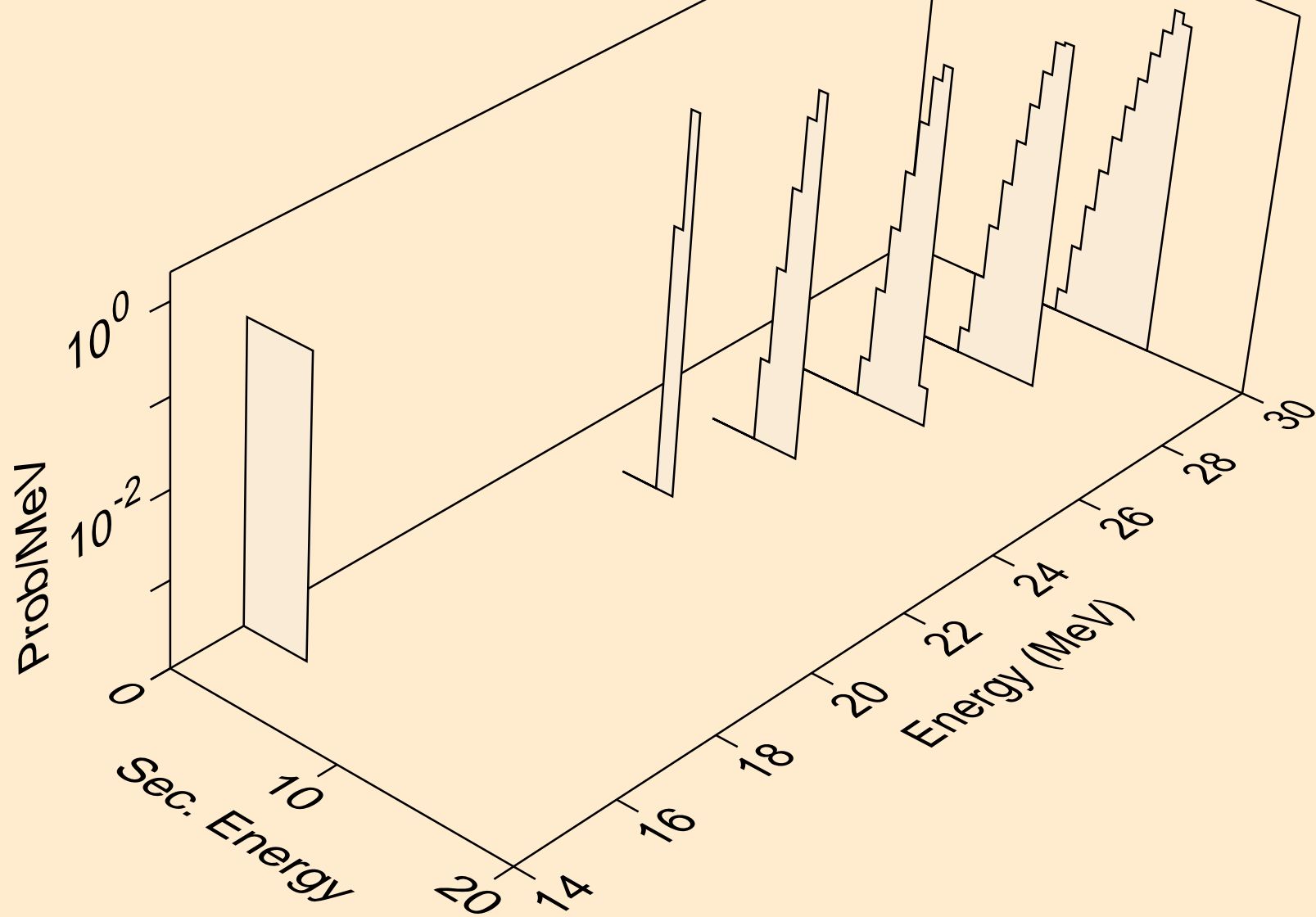
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tritons from (n,t)



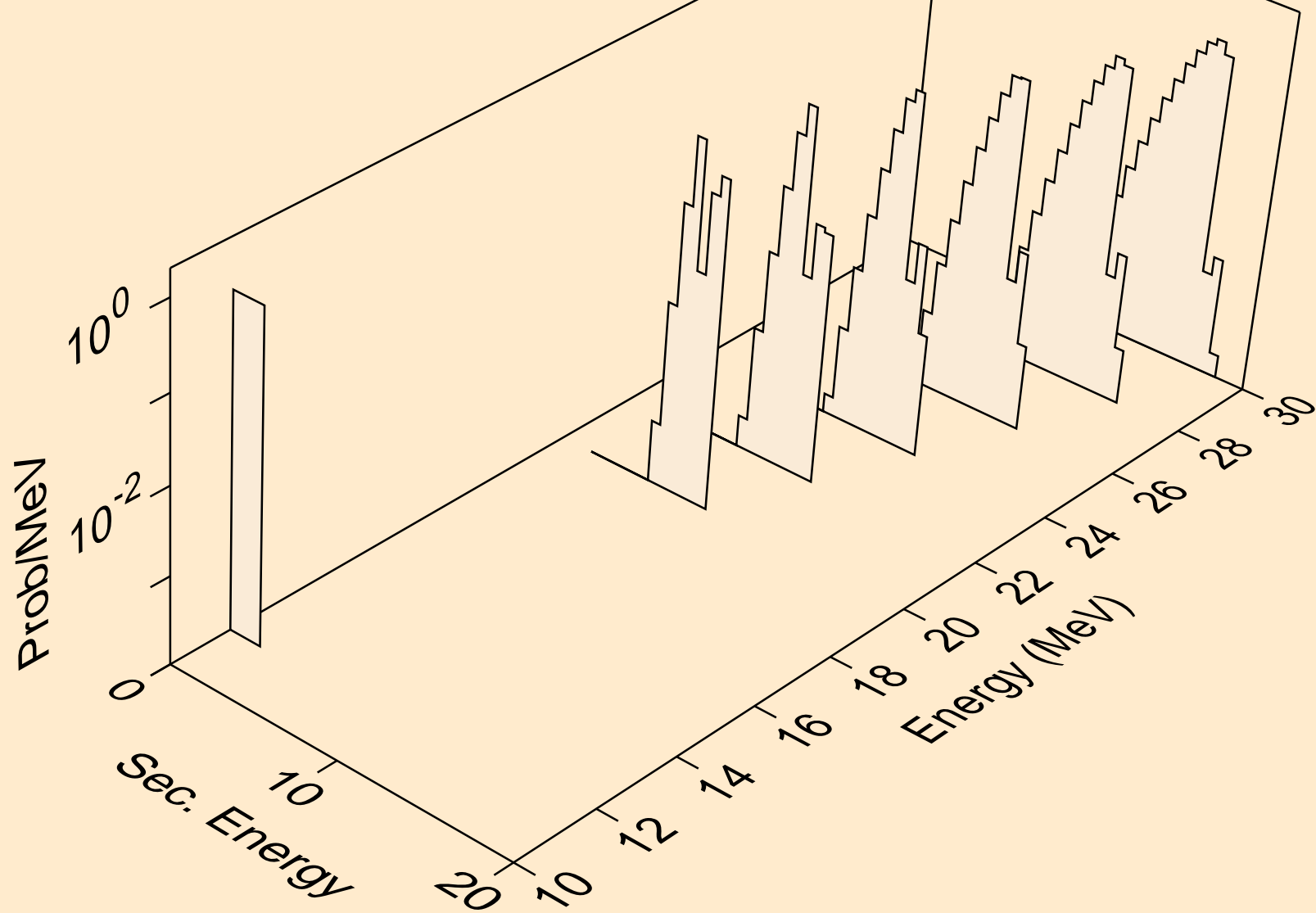
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he3s from (n,x)



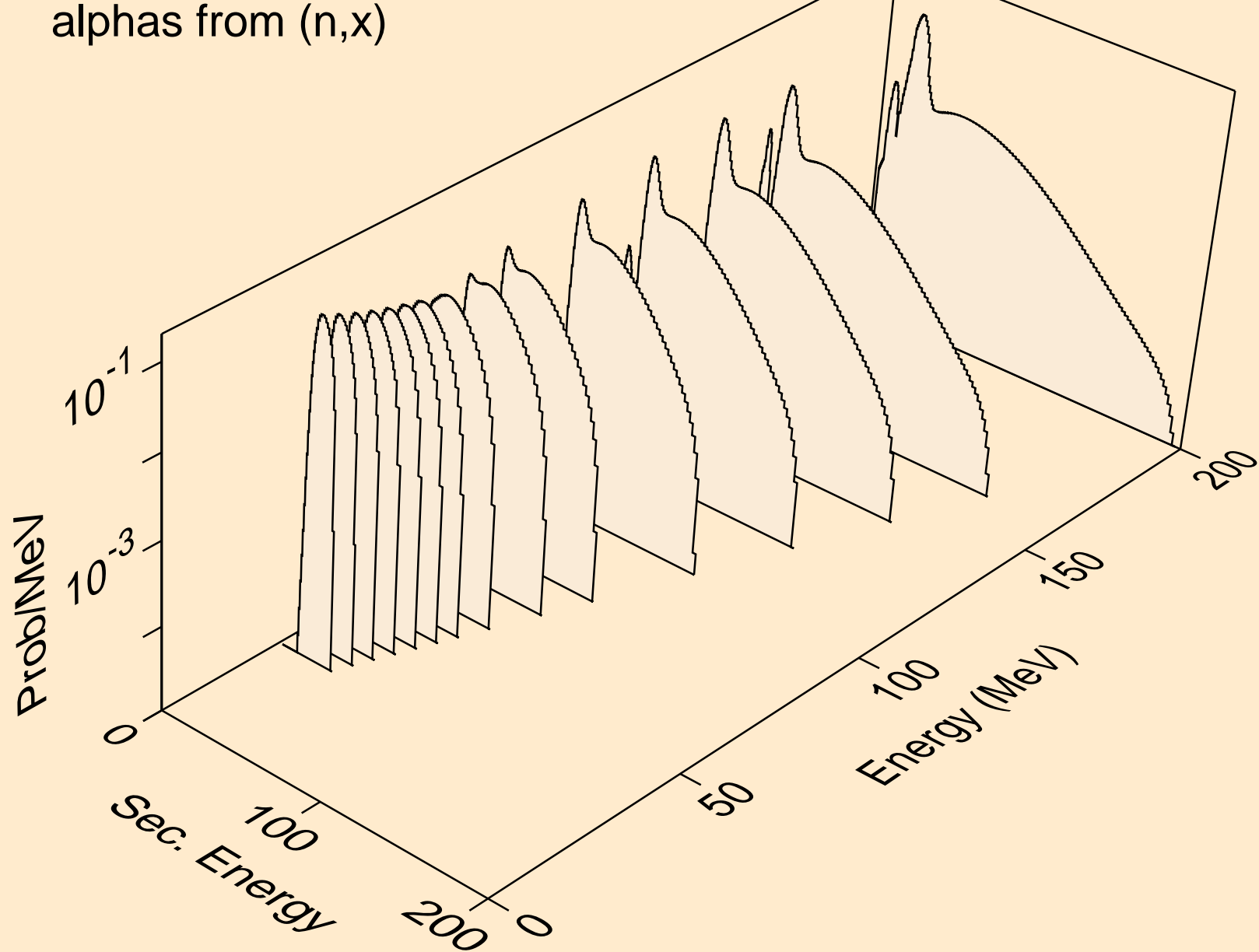
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he3s from (n,n\*)he3



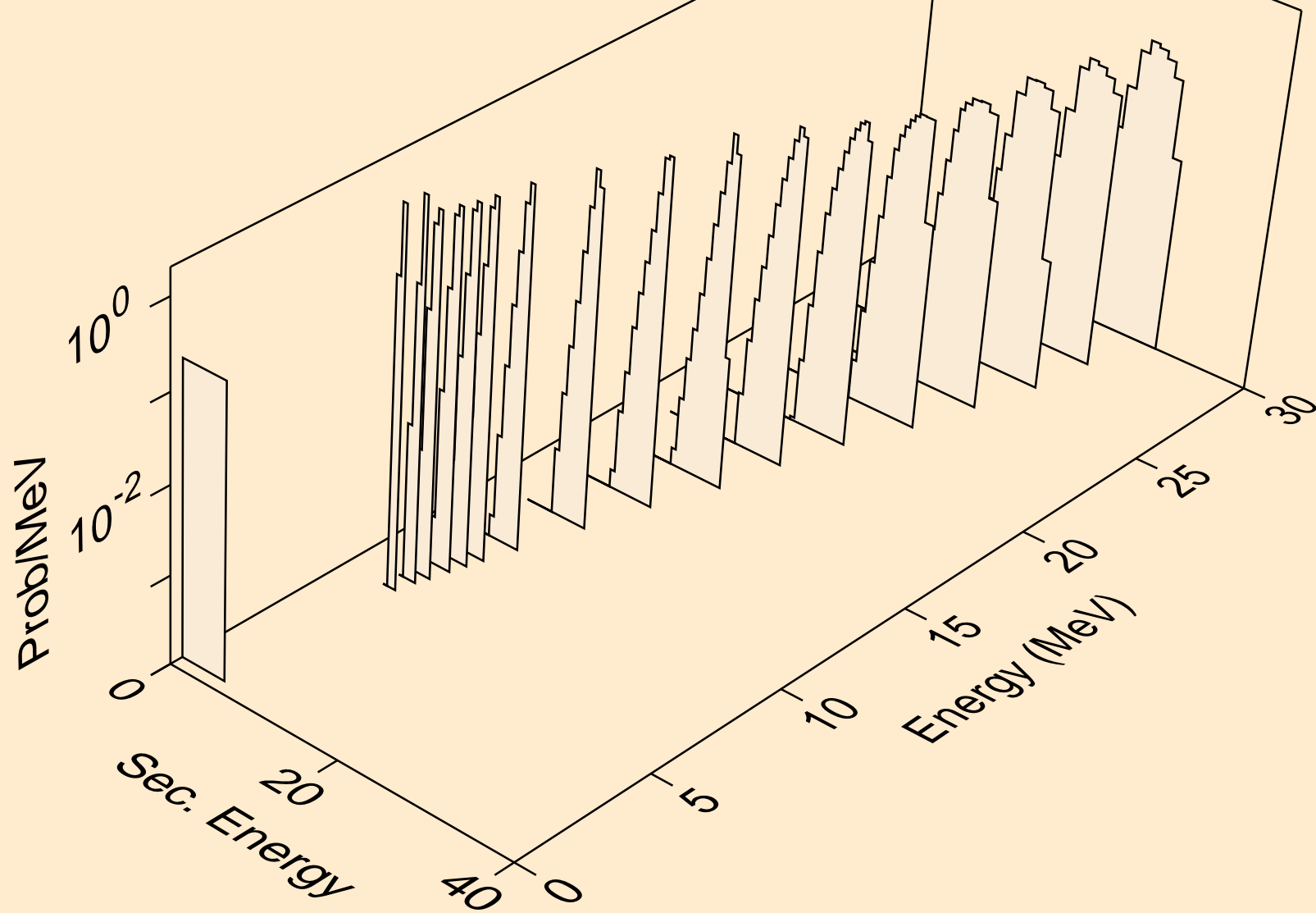
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he3s from (n,he3)



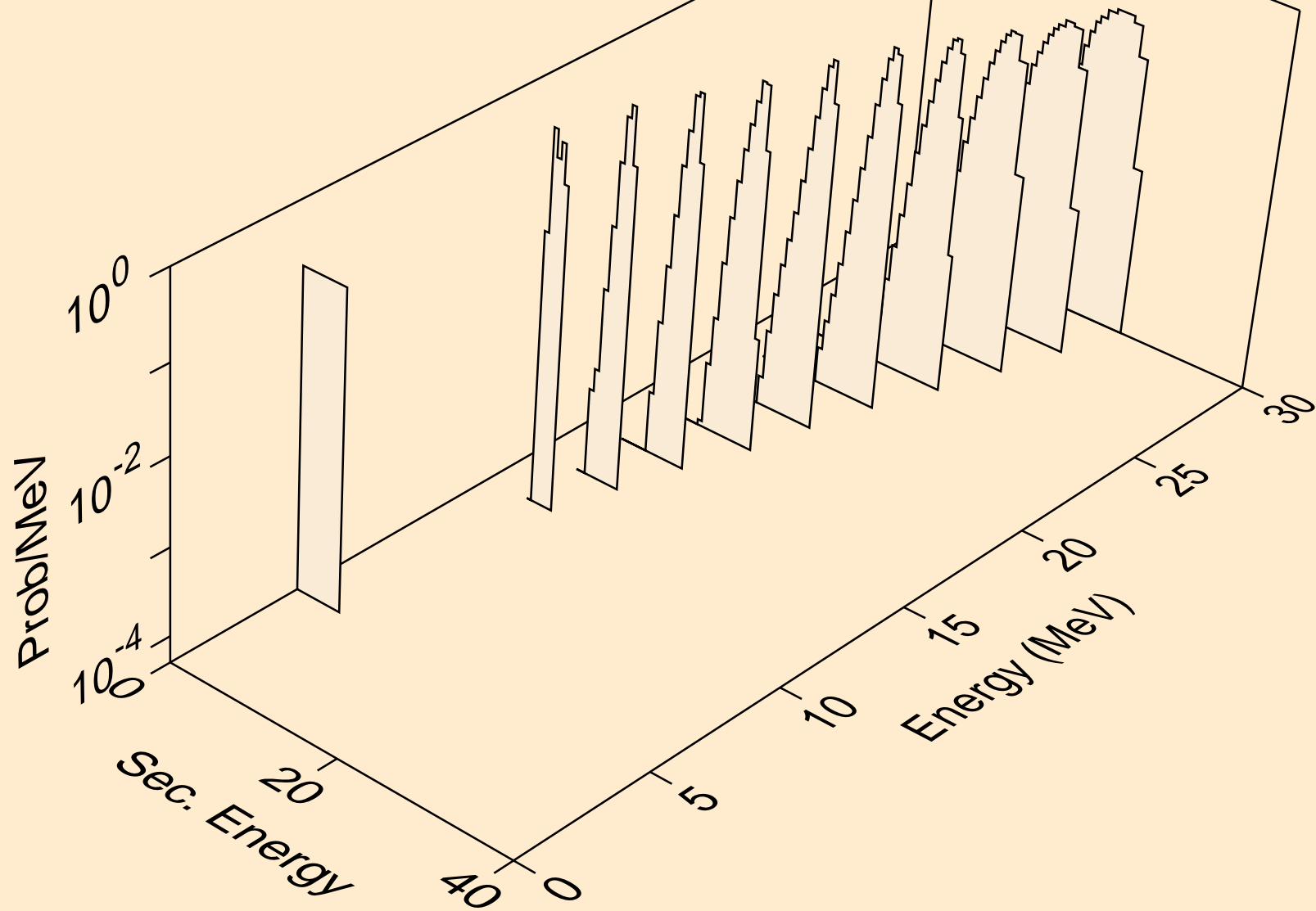
HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,x)



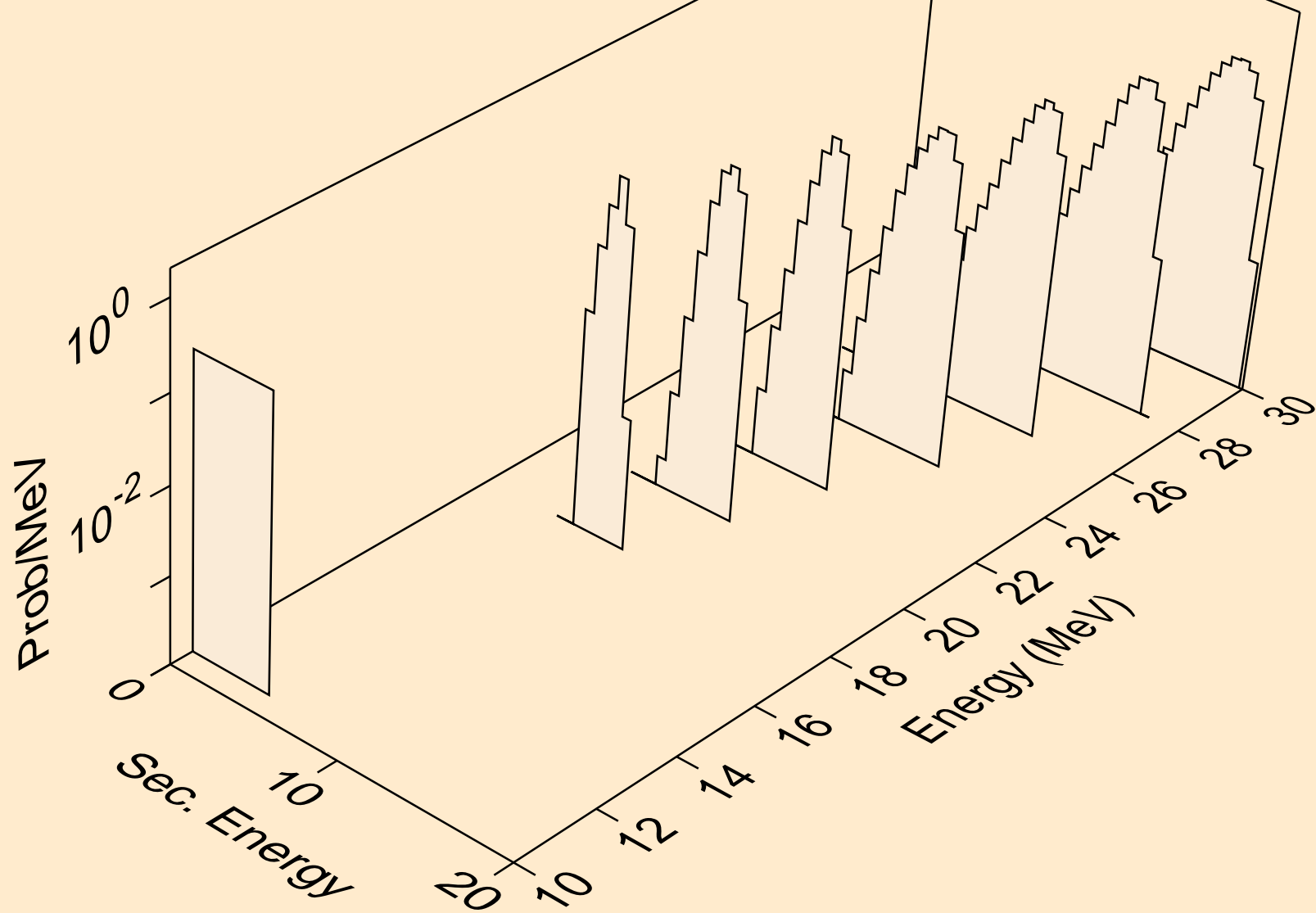
HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)a



HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)a



HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3n)a





HF187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)

