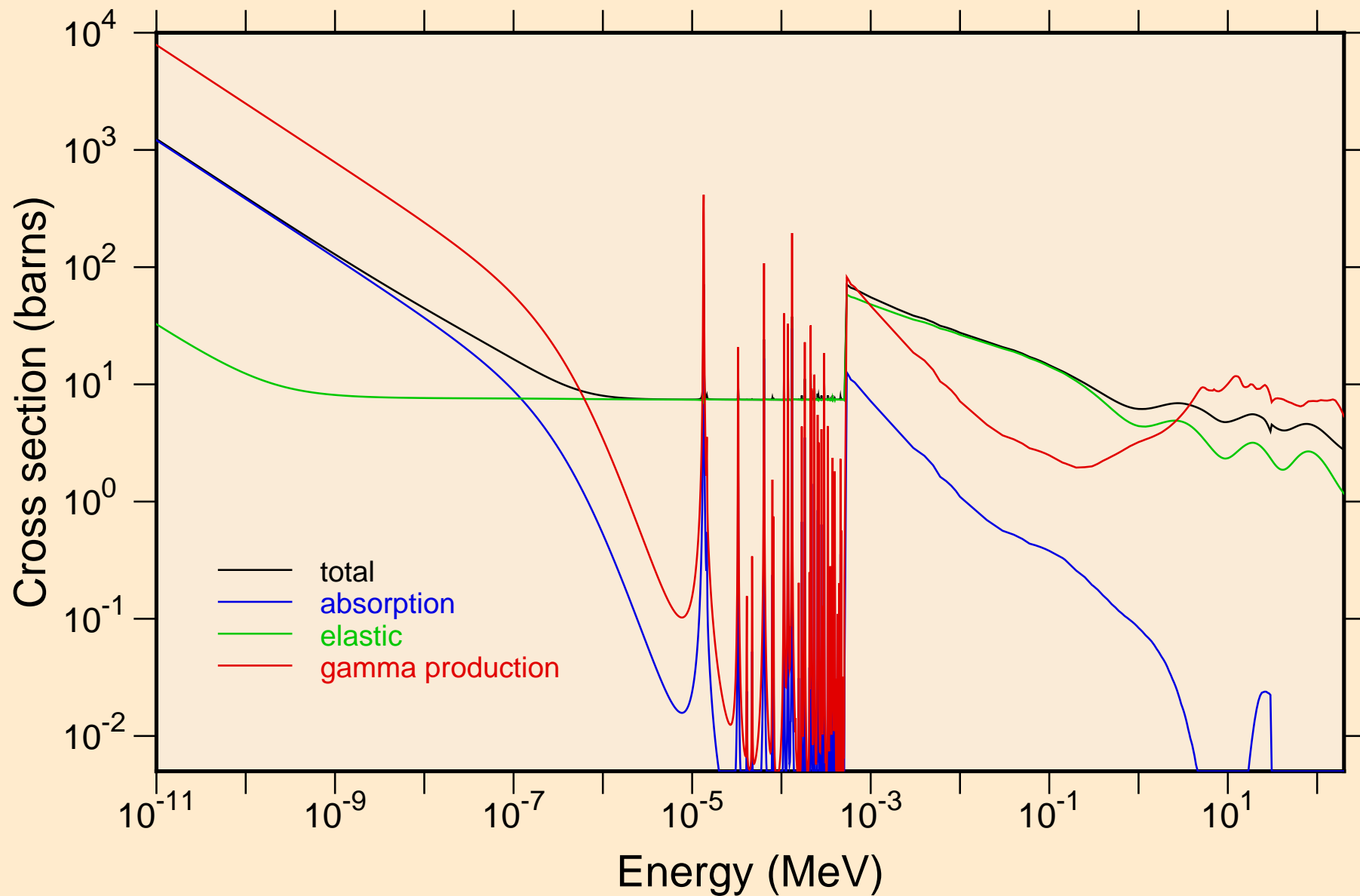
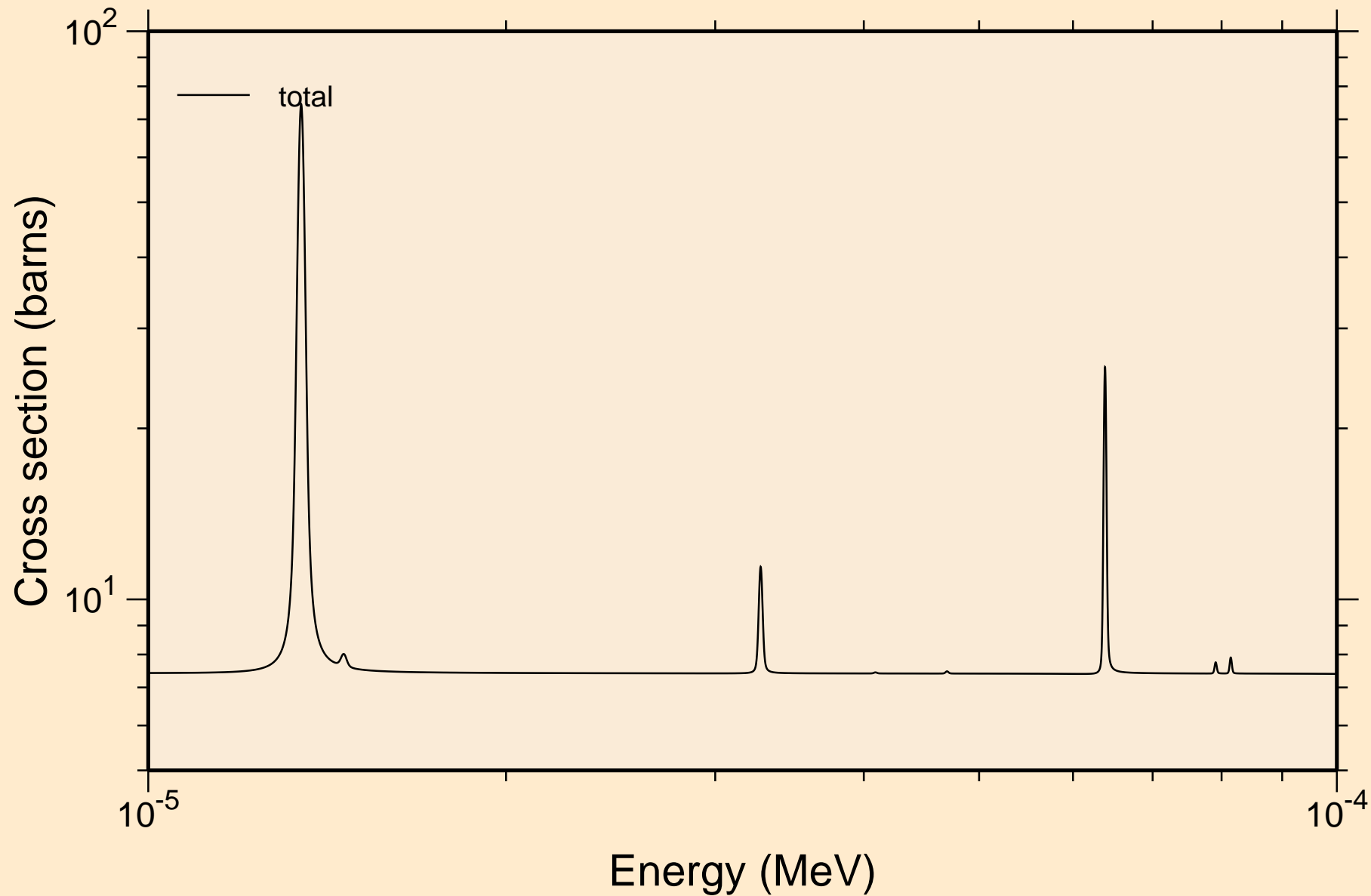


# HF185 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

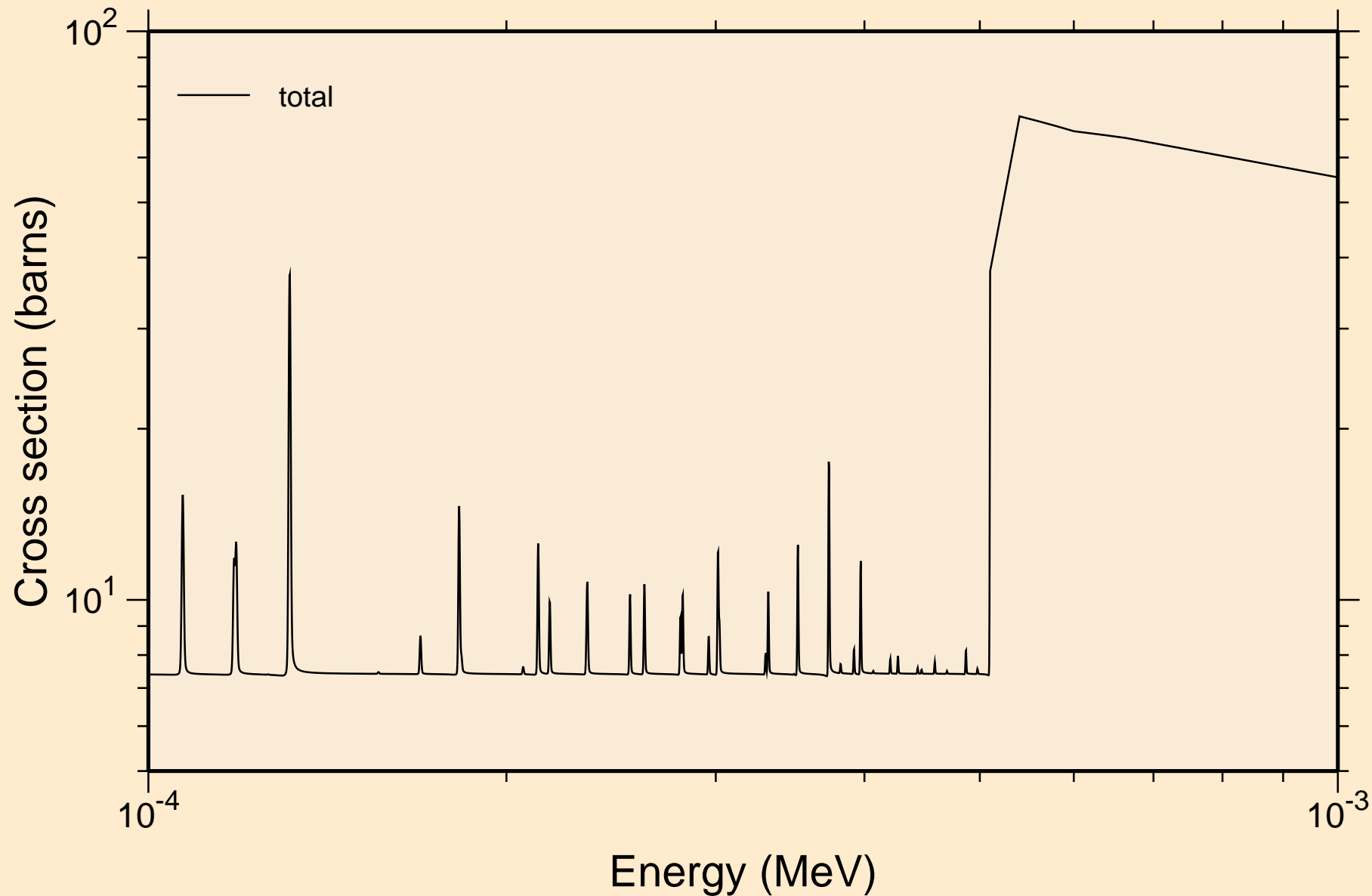
## Principal cross sections



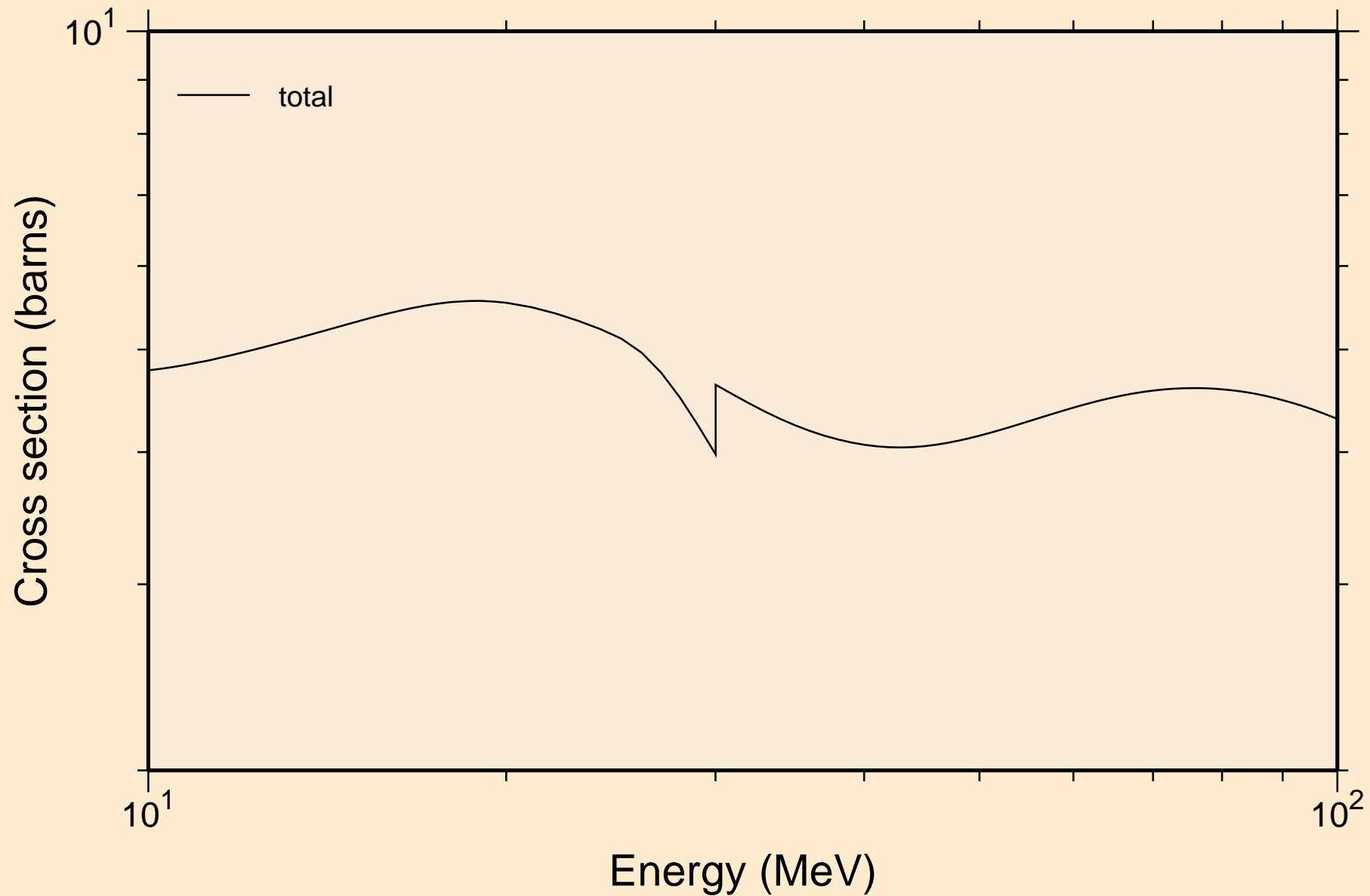
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resonance total cross section



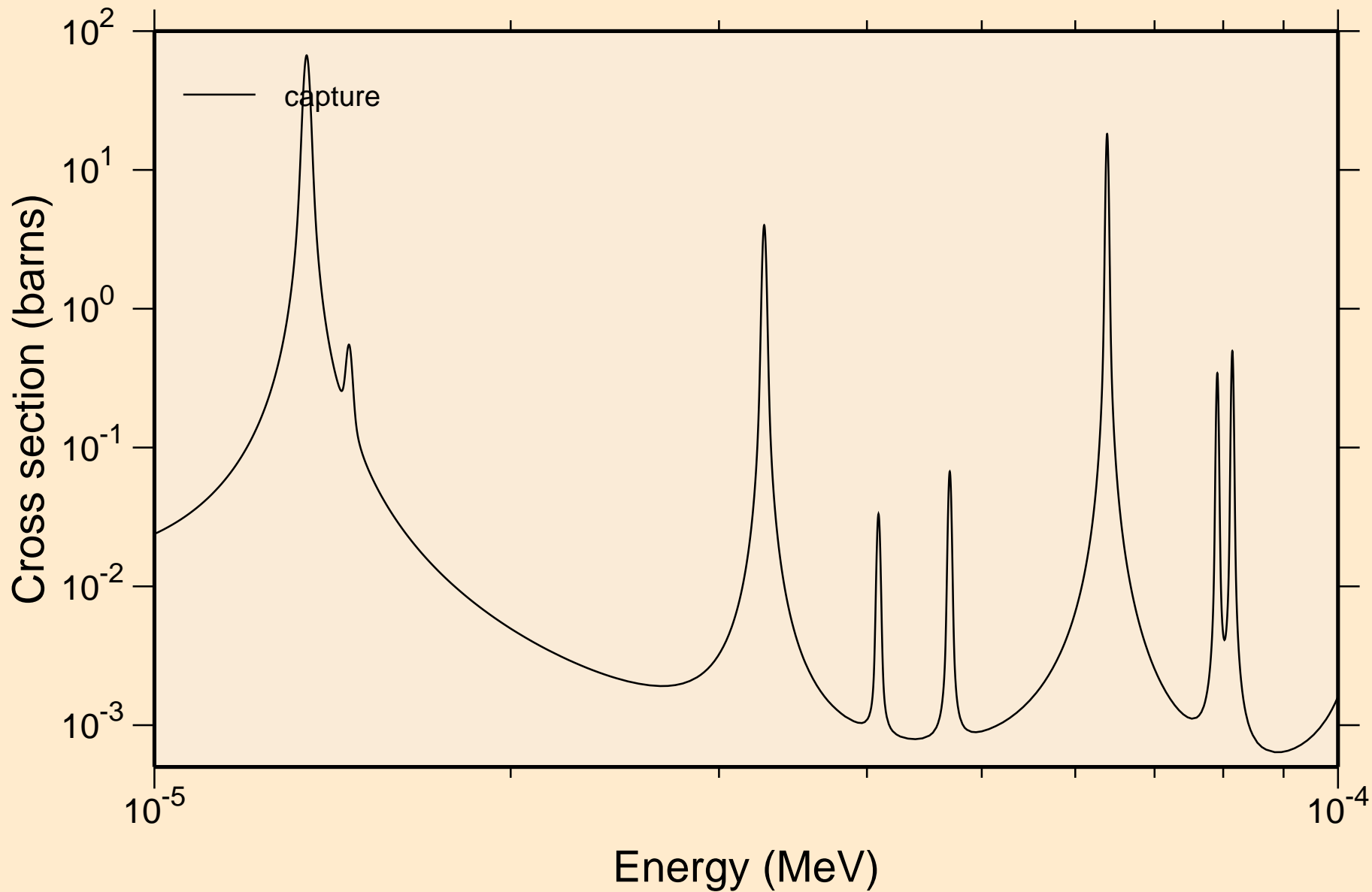
HF185 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



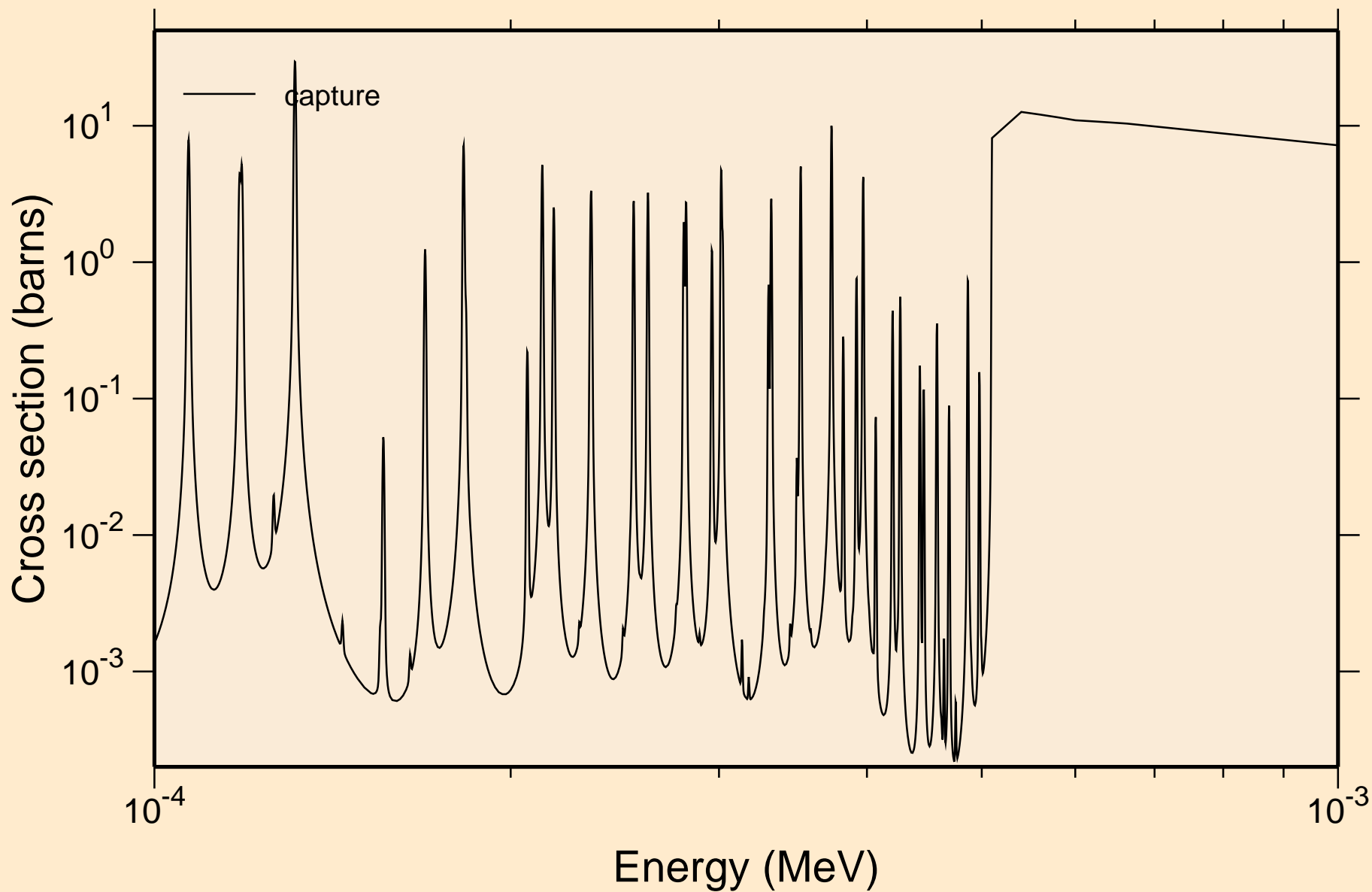
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resonance total cross section



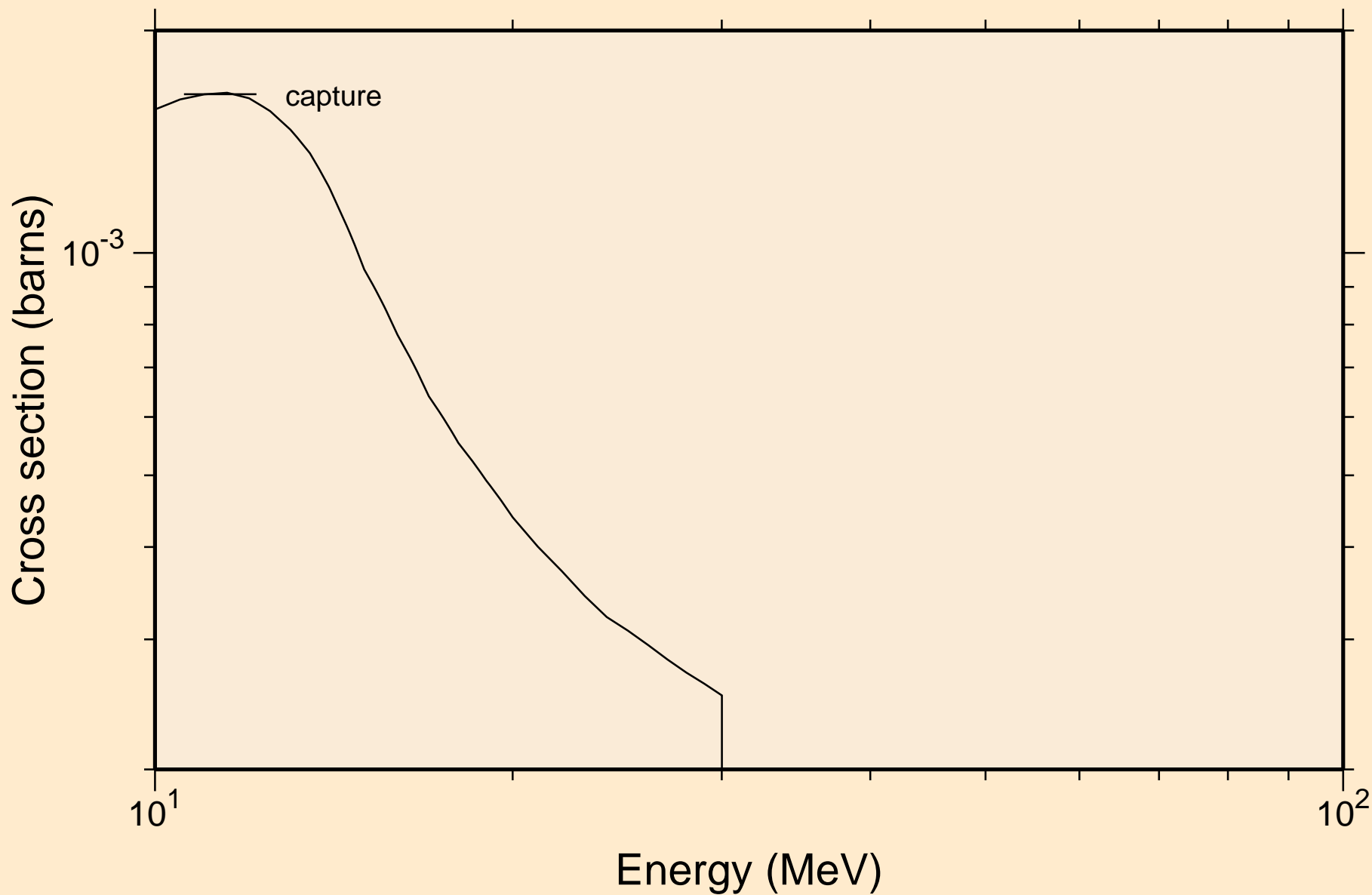
HF185 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



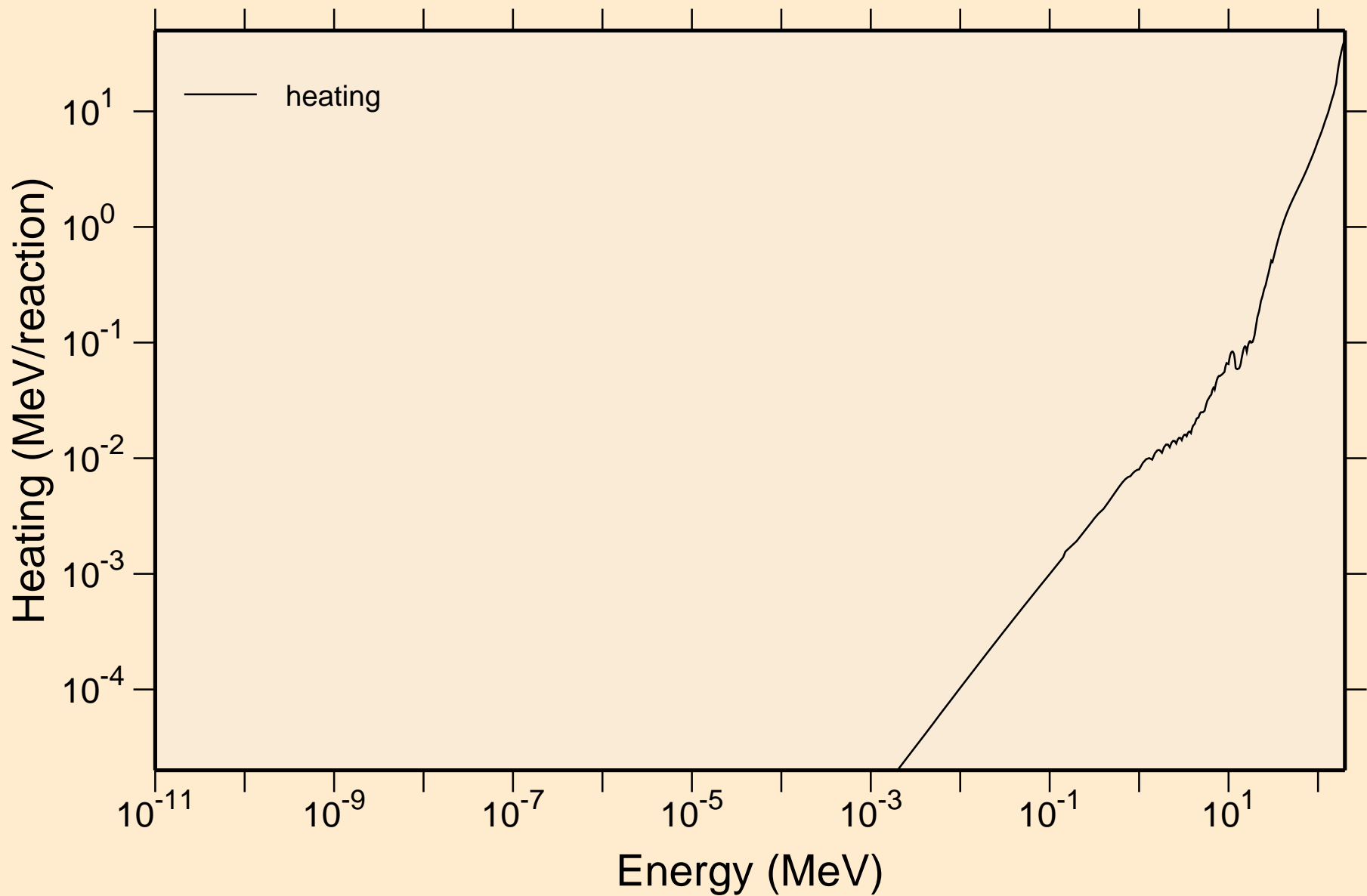
HF185 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



HF185 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



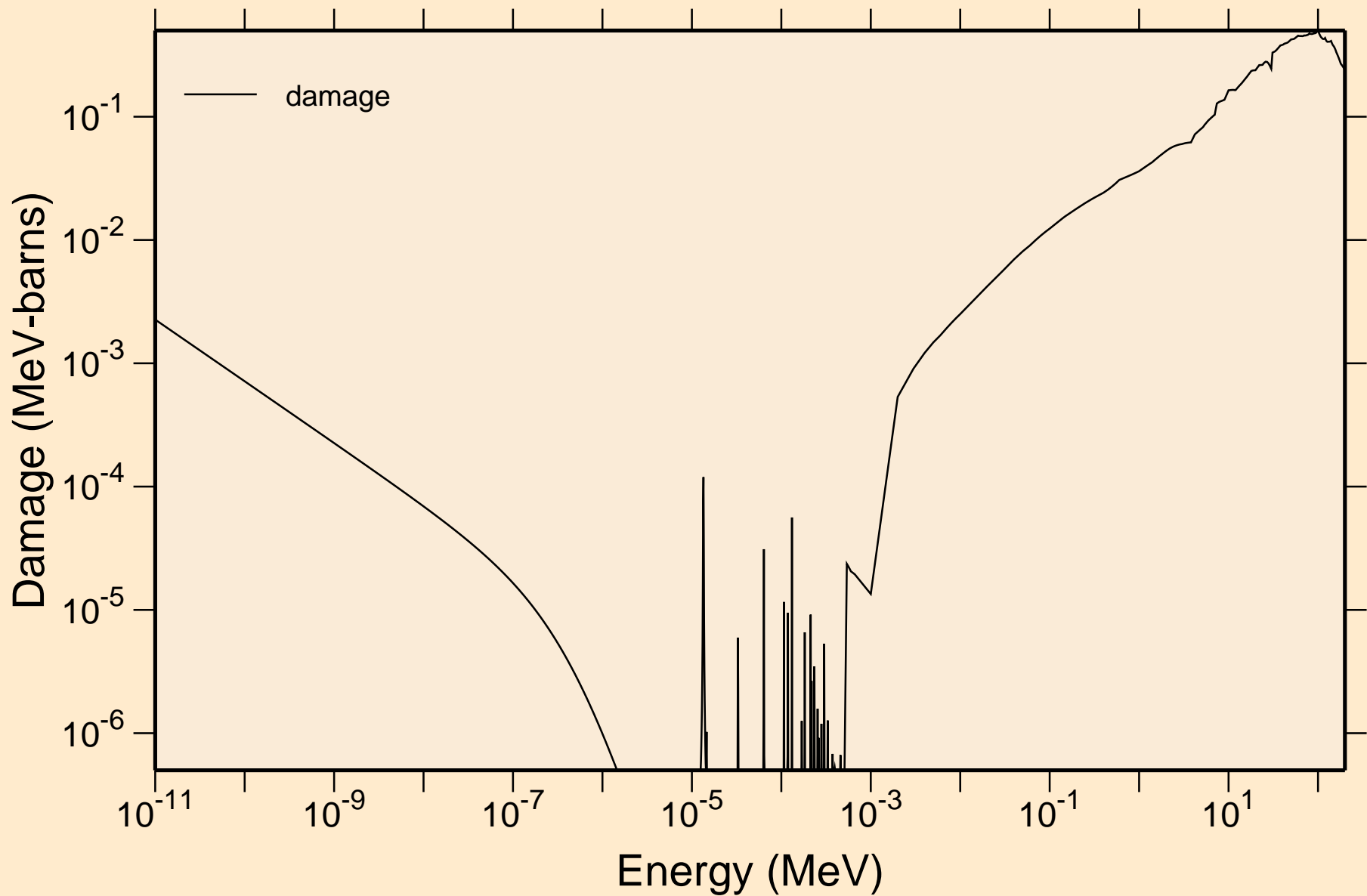
HF185 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating





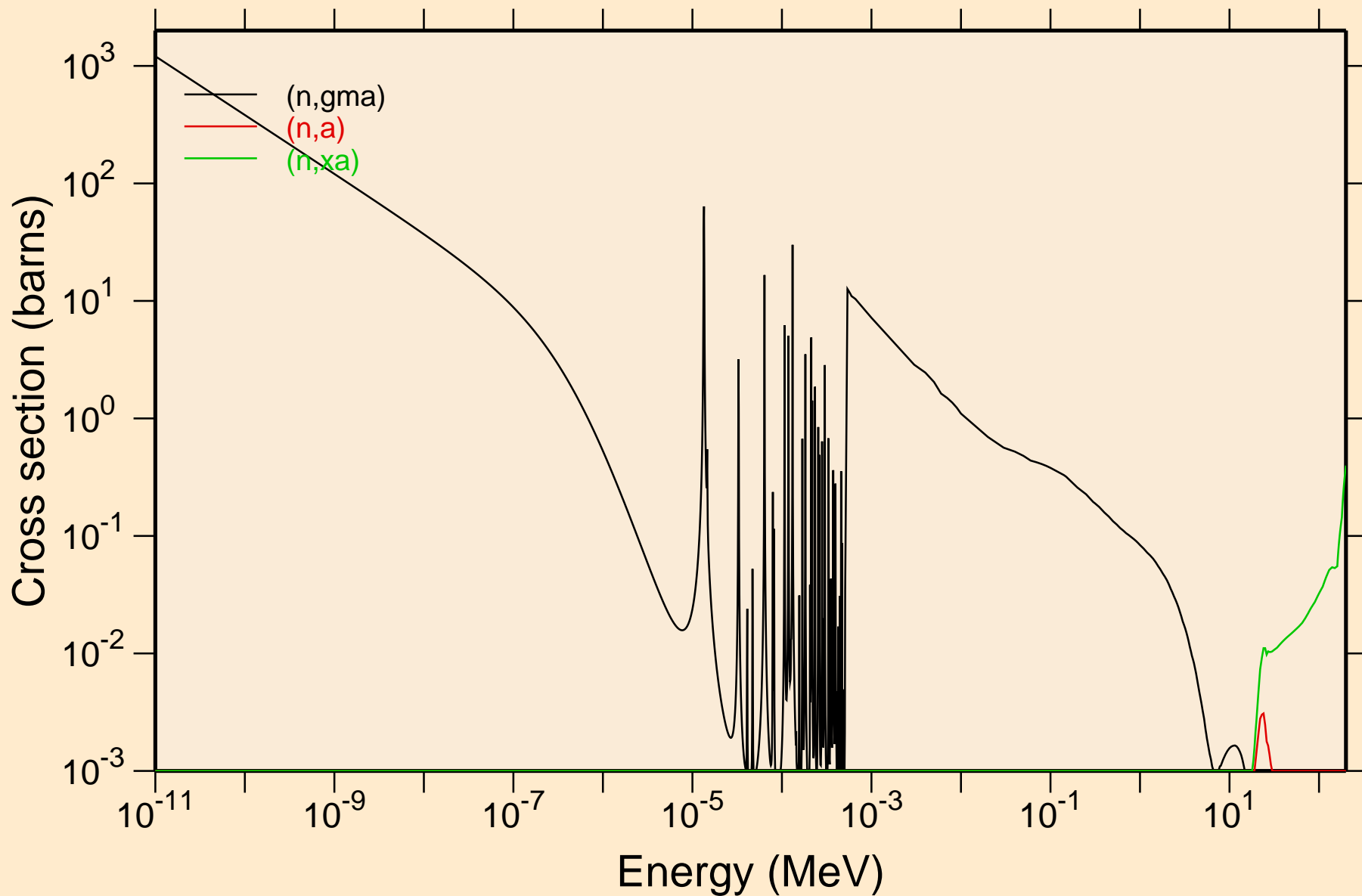
# HF185 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

## Damage



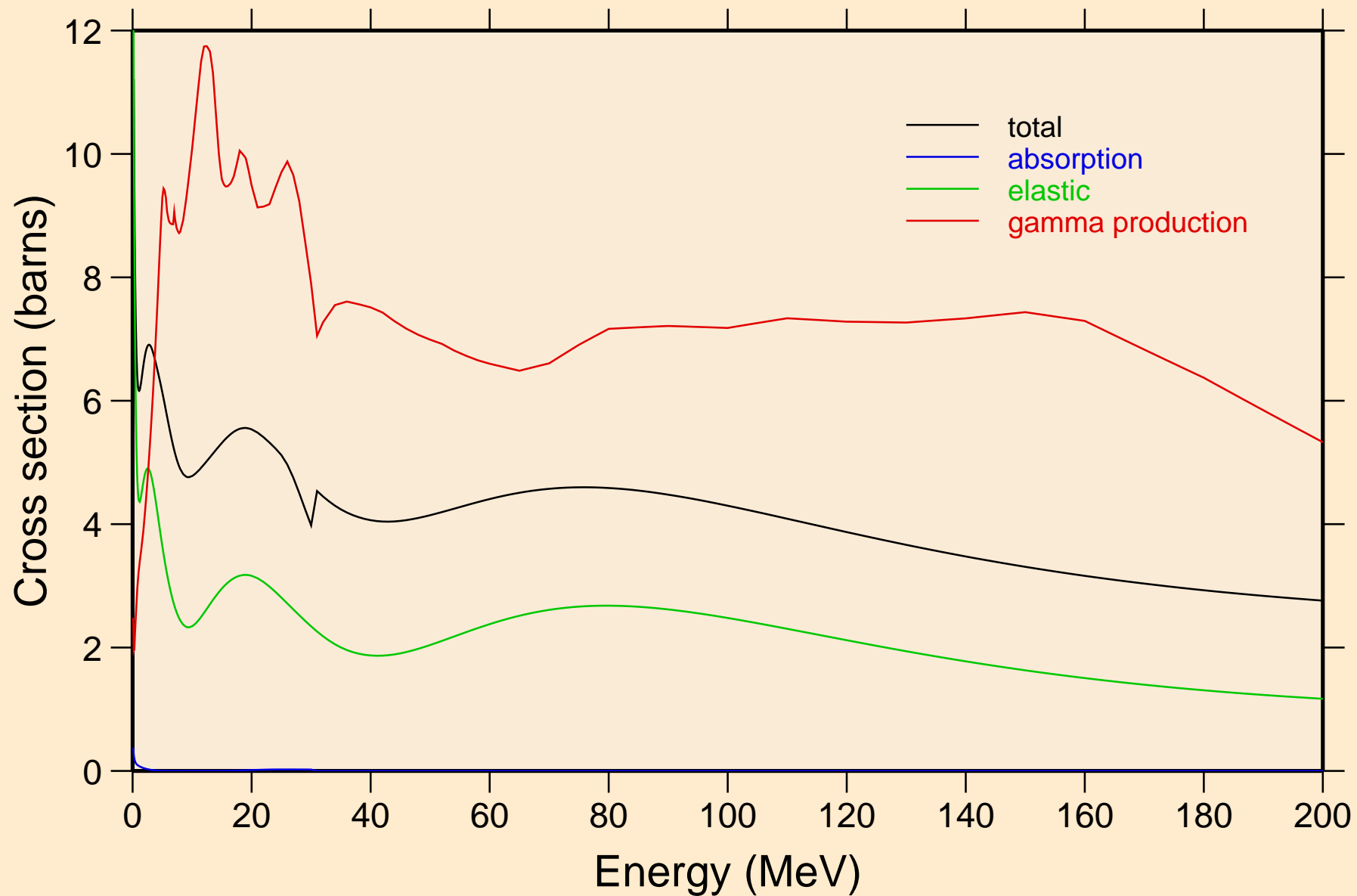
# HF185 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

## Non-threshold reactions

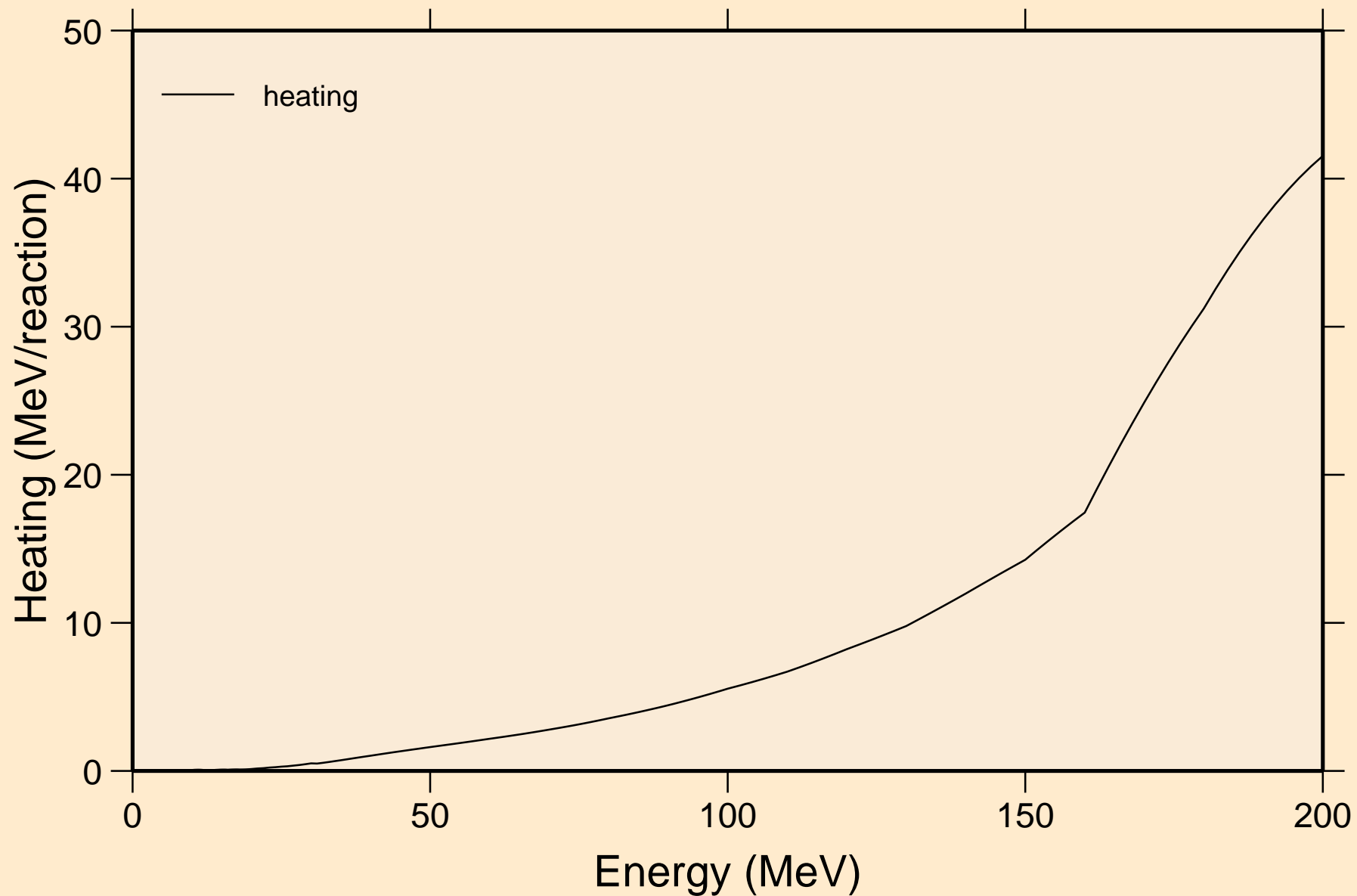


# HF185 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

## Principal cross sections

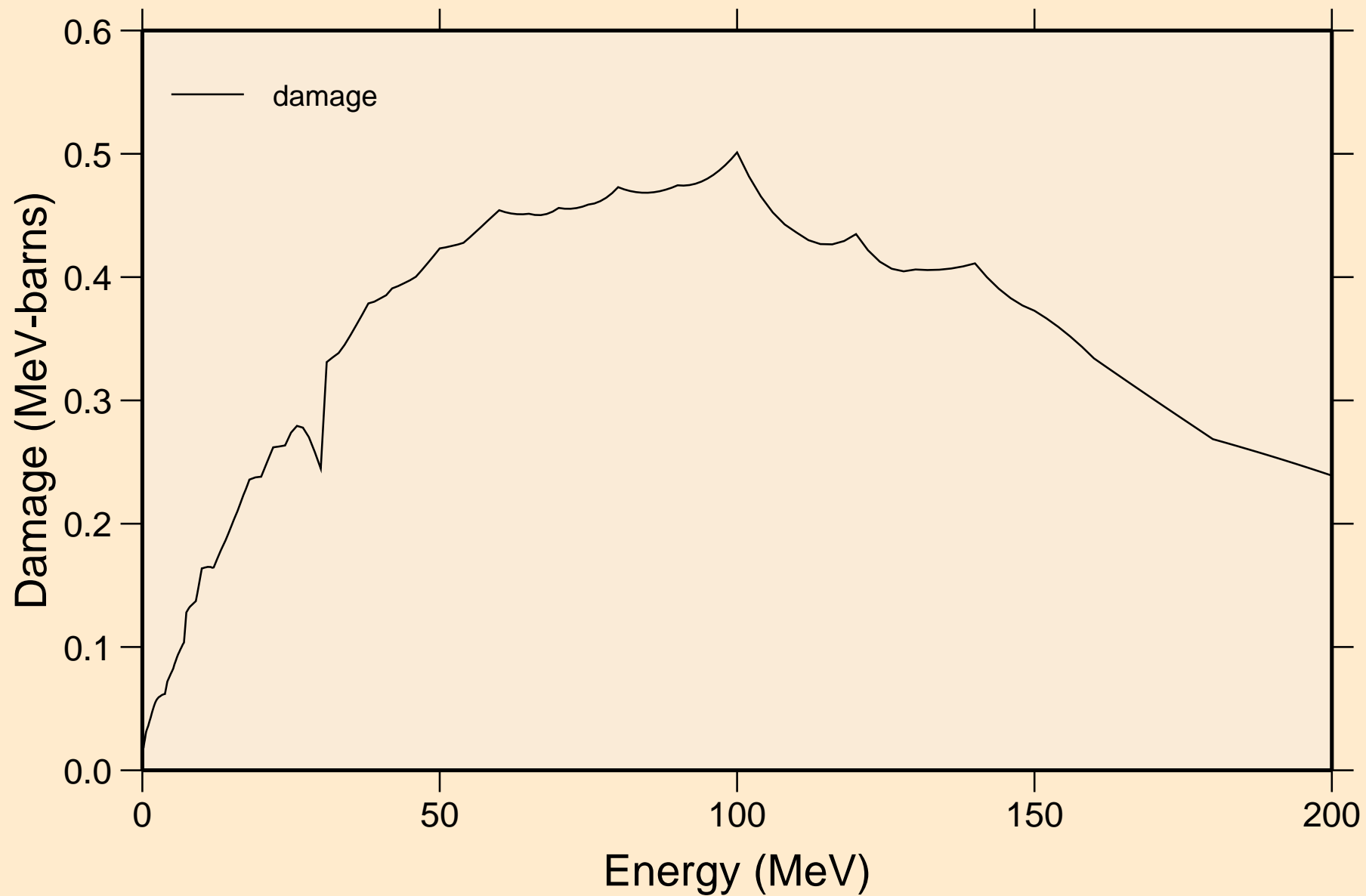


HF185 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating

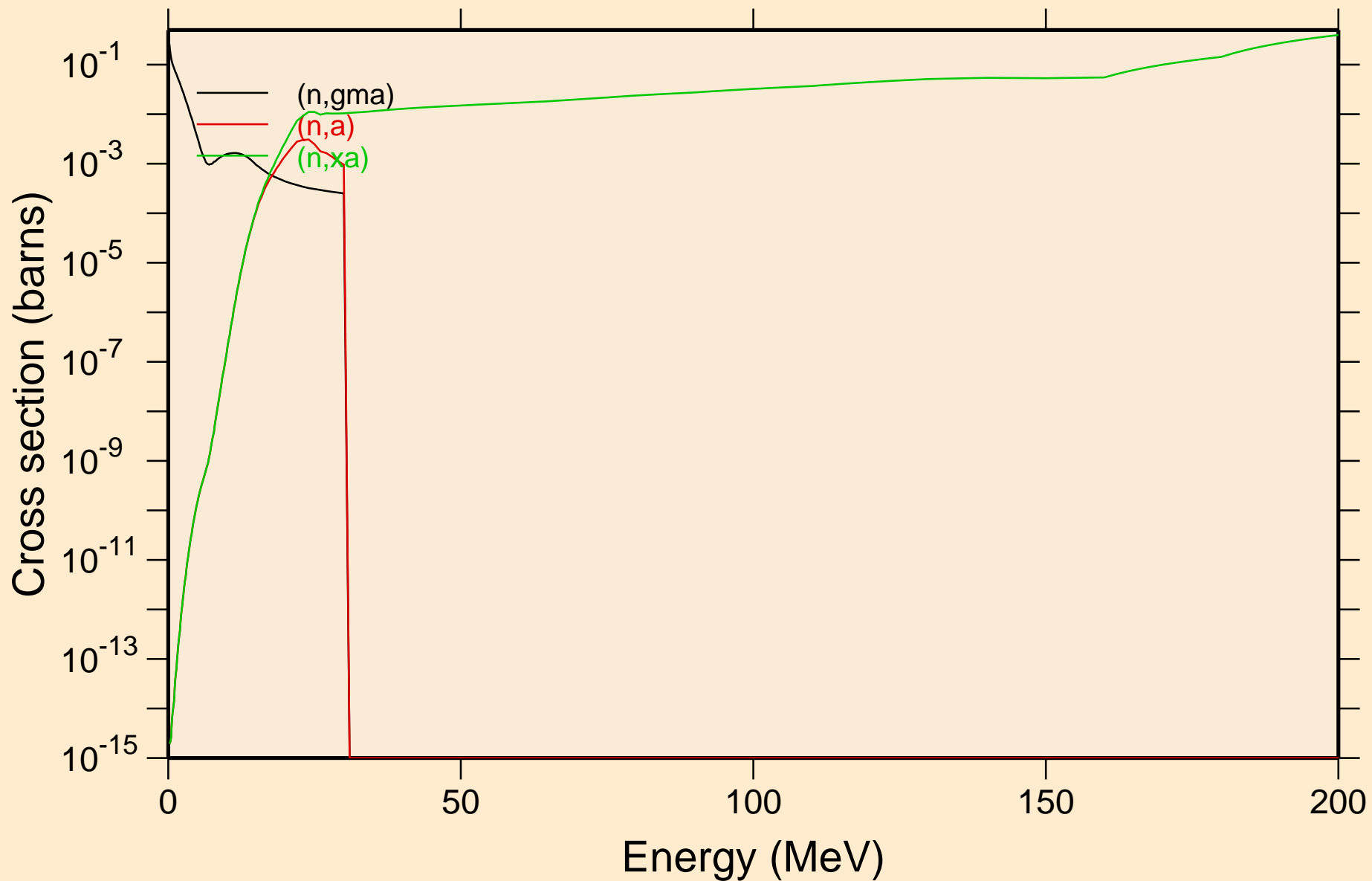


# HF185 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

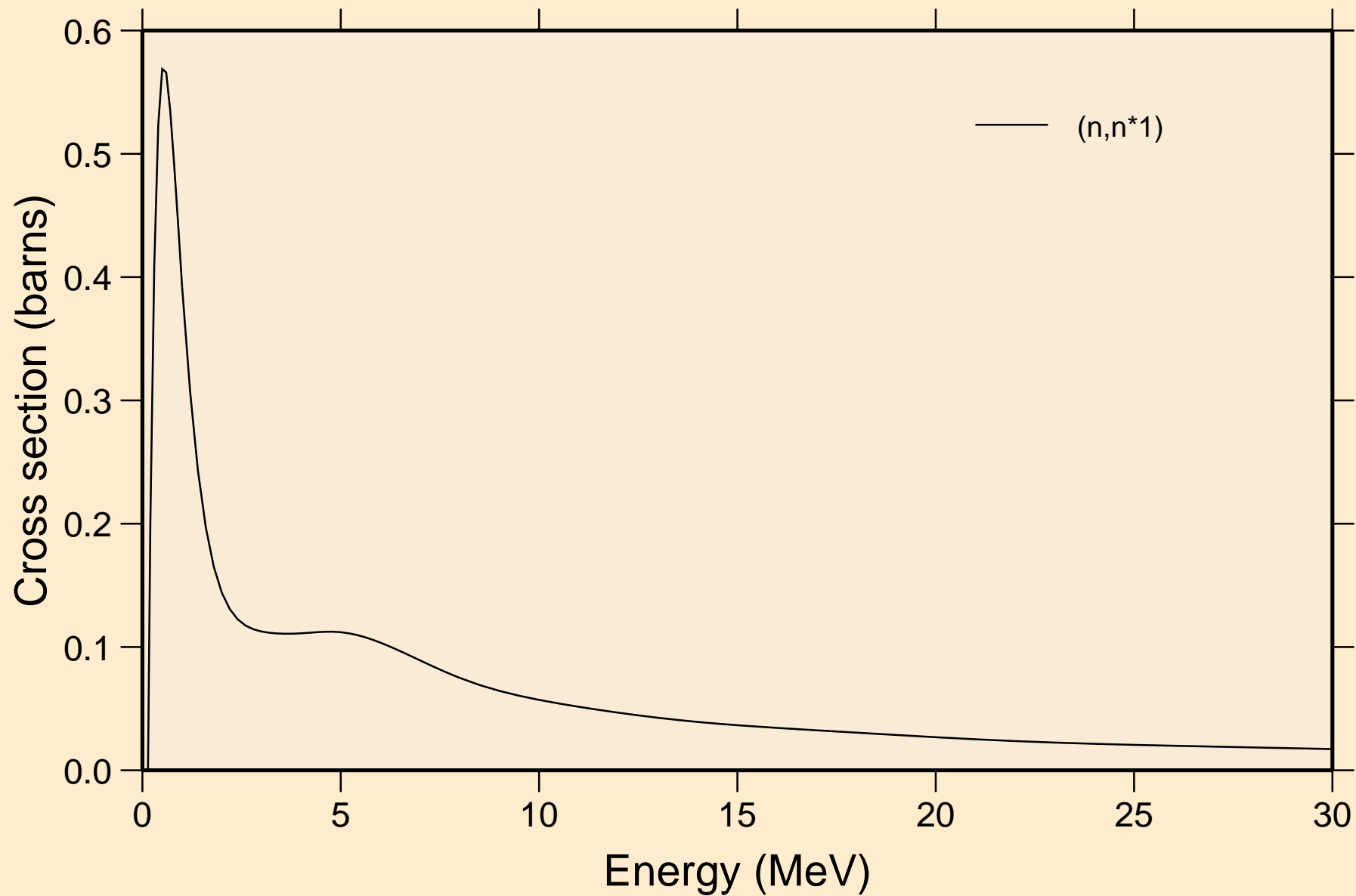
## Damage



HF185 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions

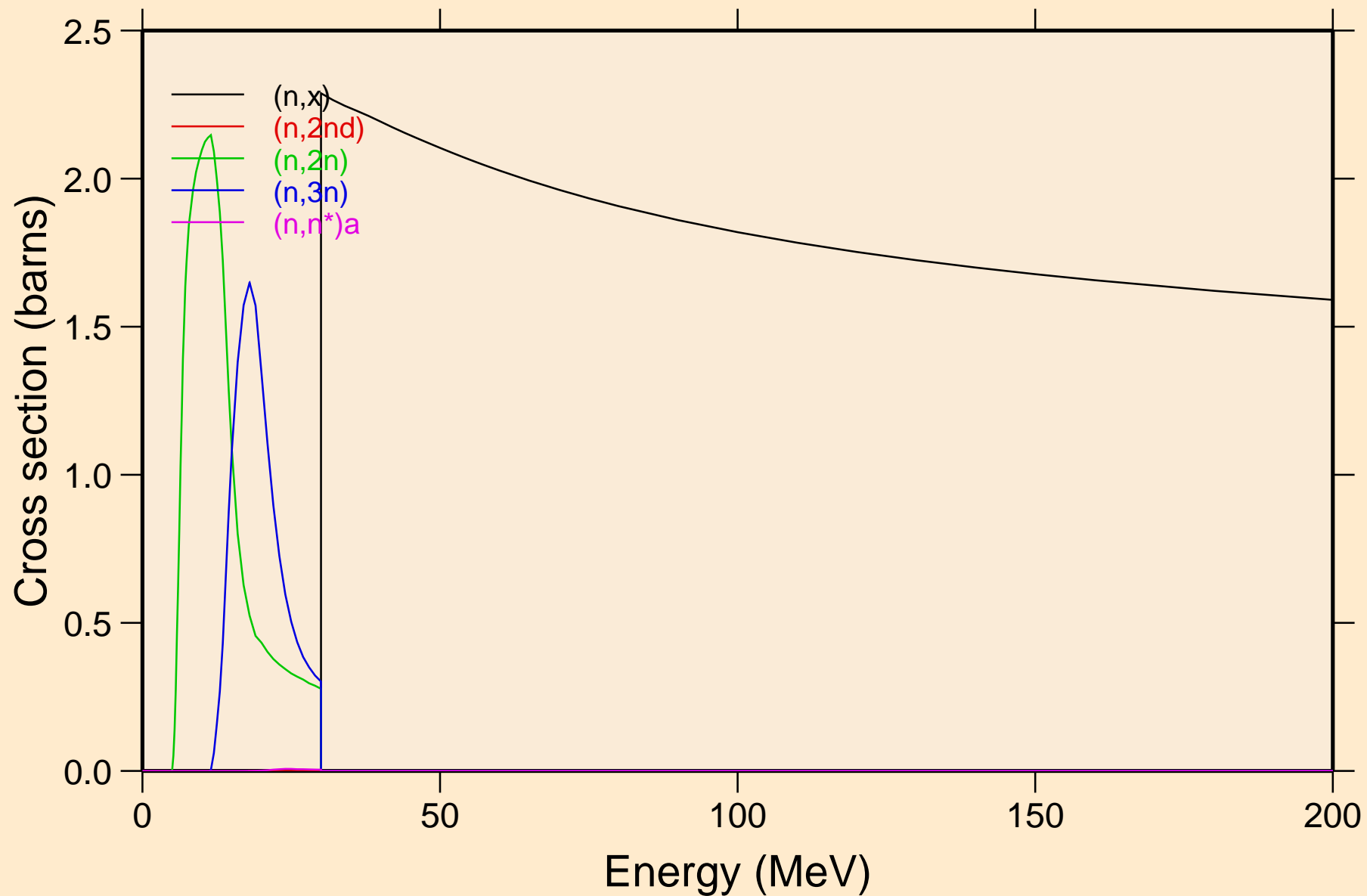


HF185 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



# HF185 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

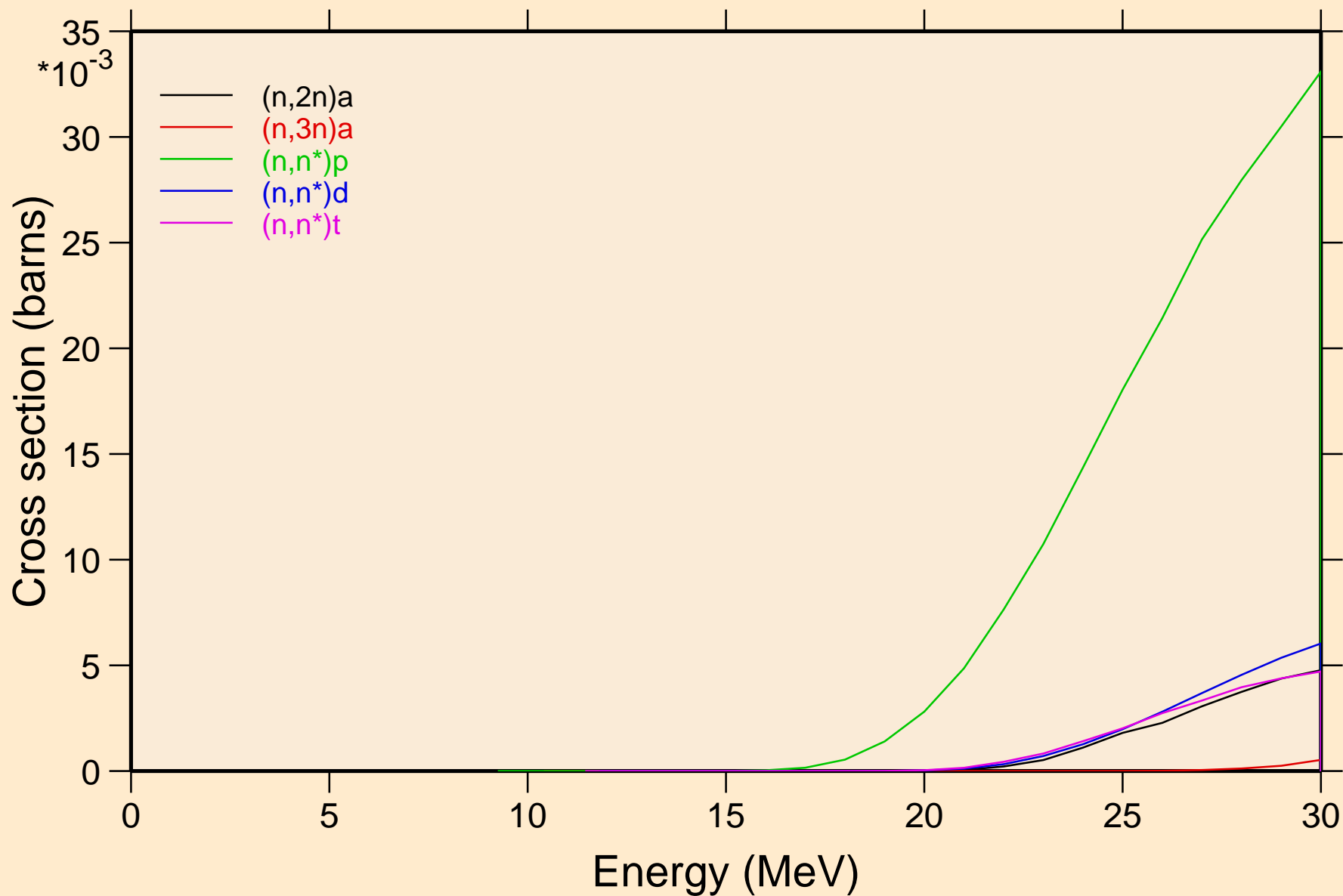
## Threshold reactions



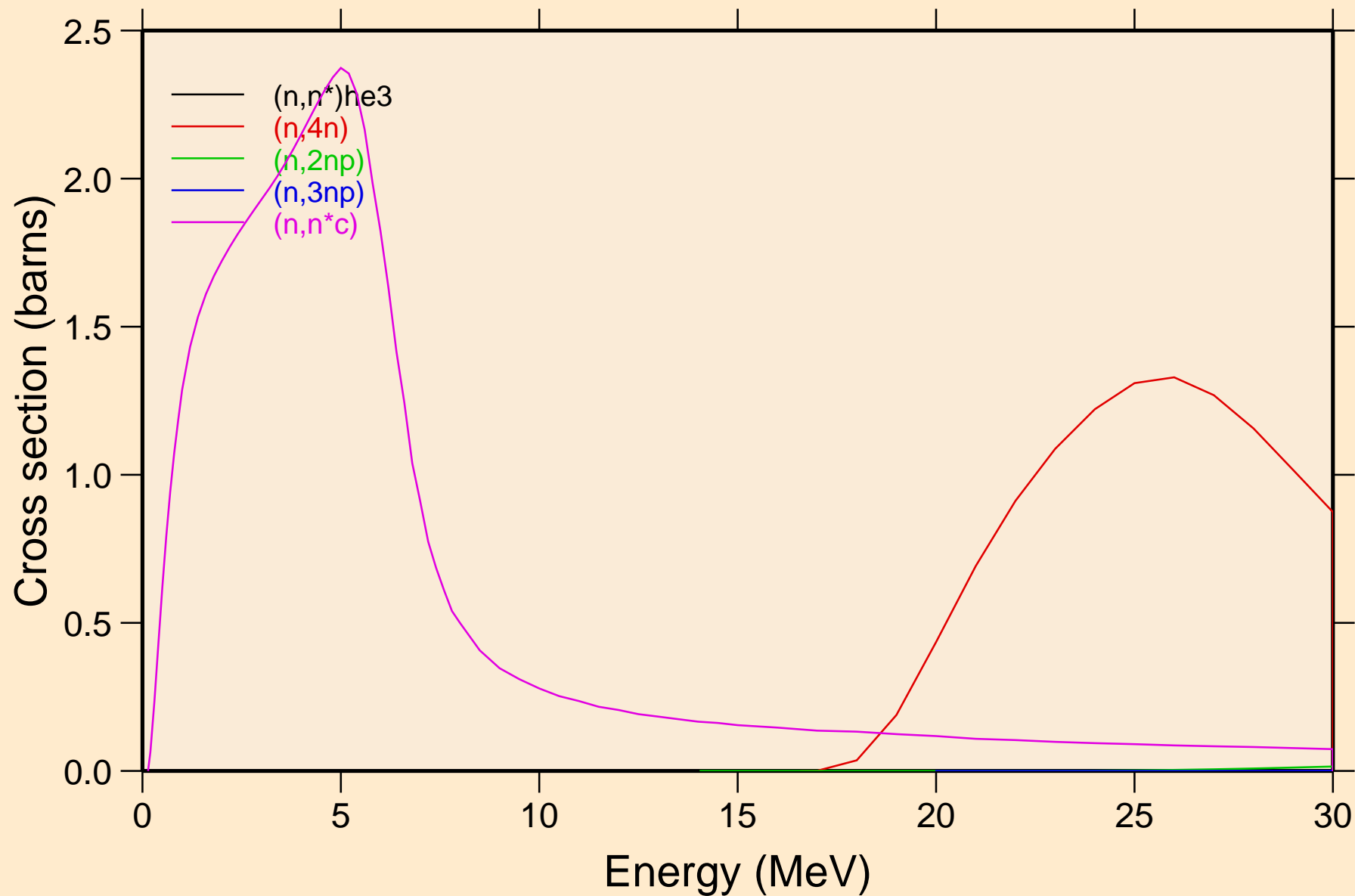


# HF185 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

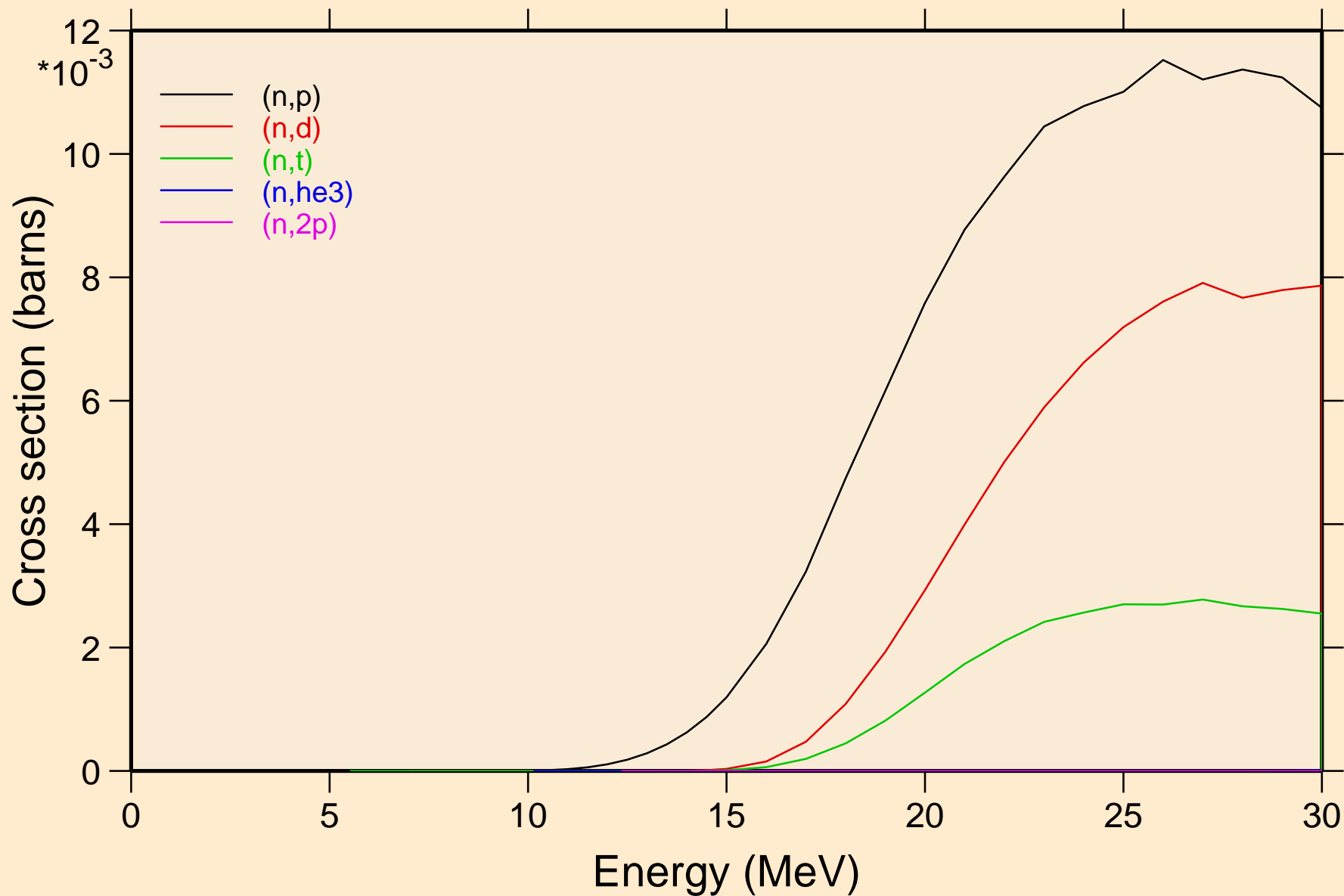
## Threshold reactions



HF185 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions

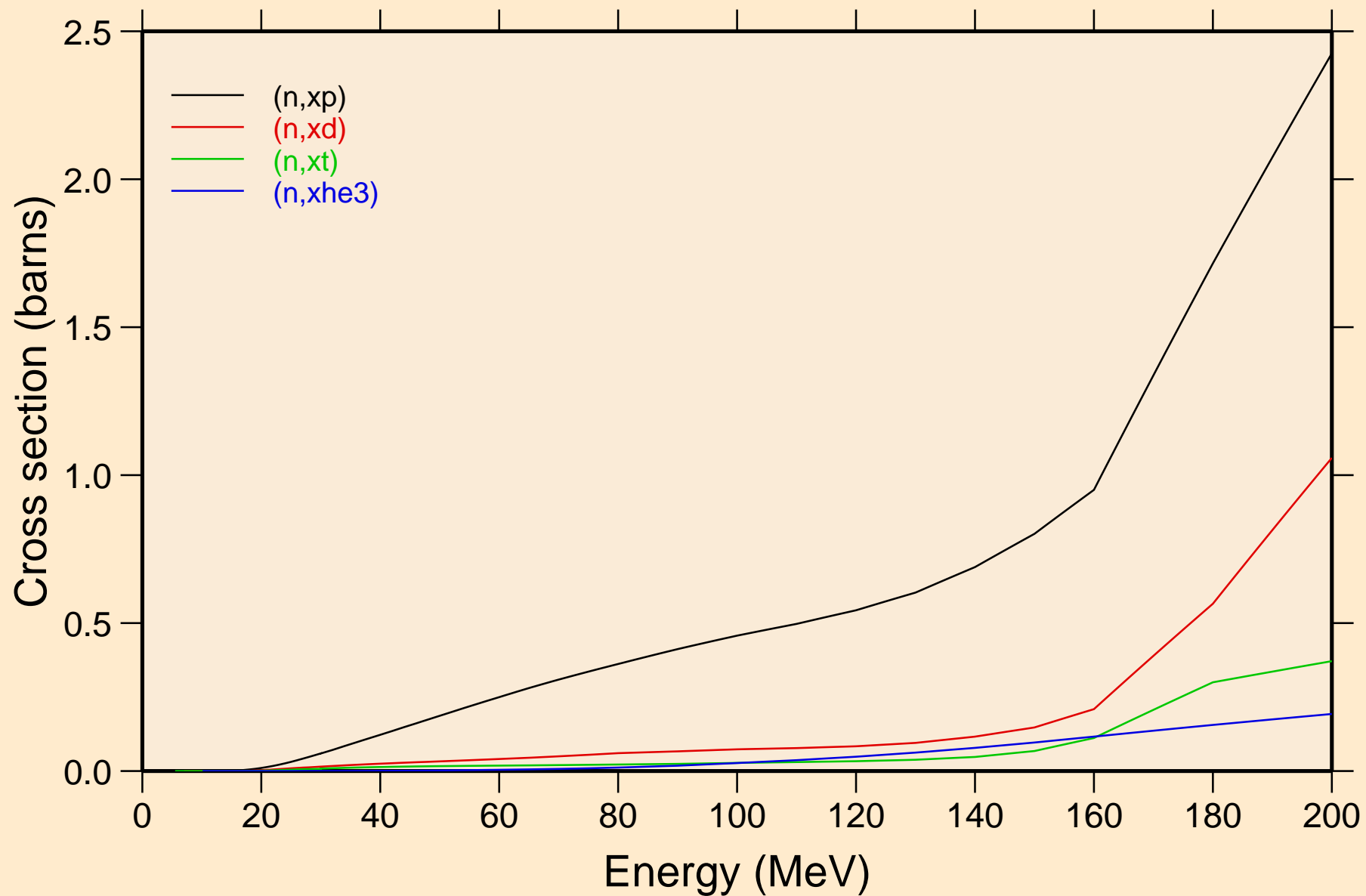


HF185 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions

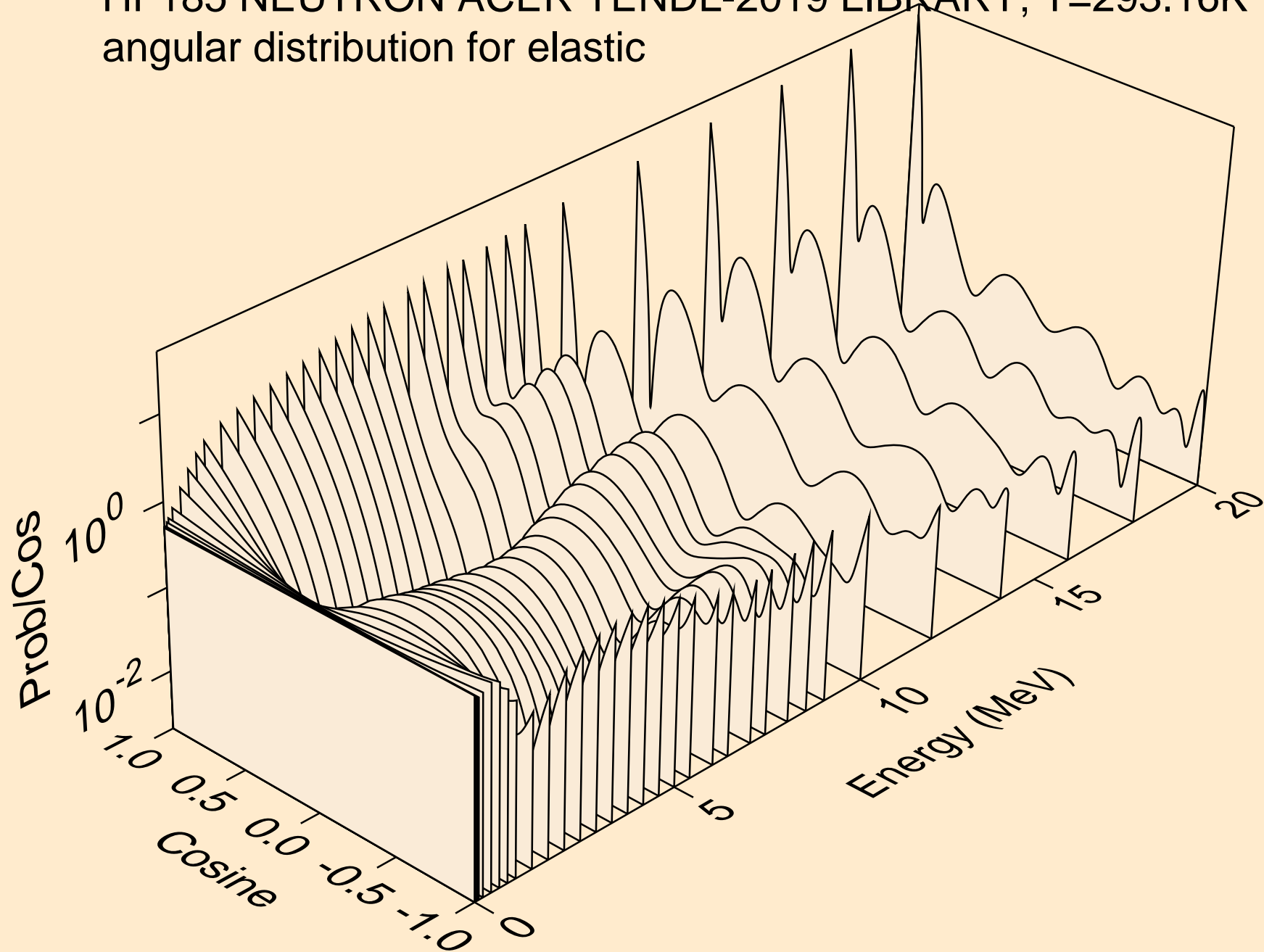


# HF185 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

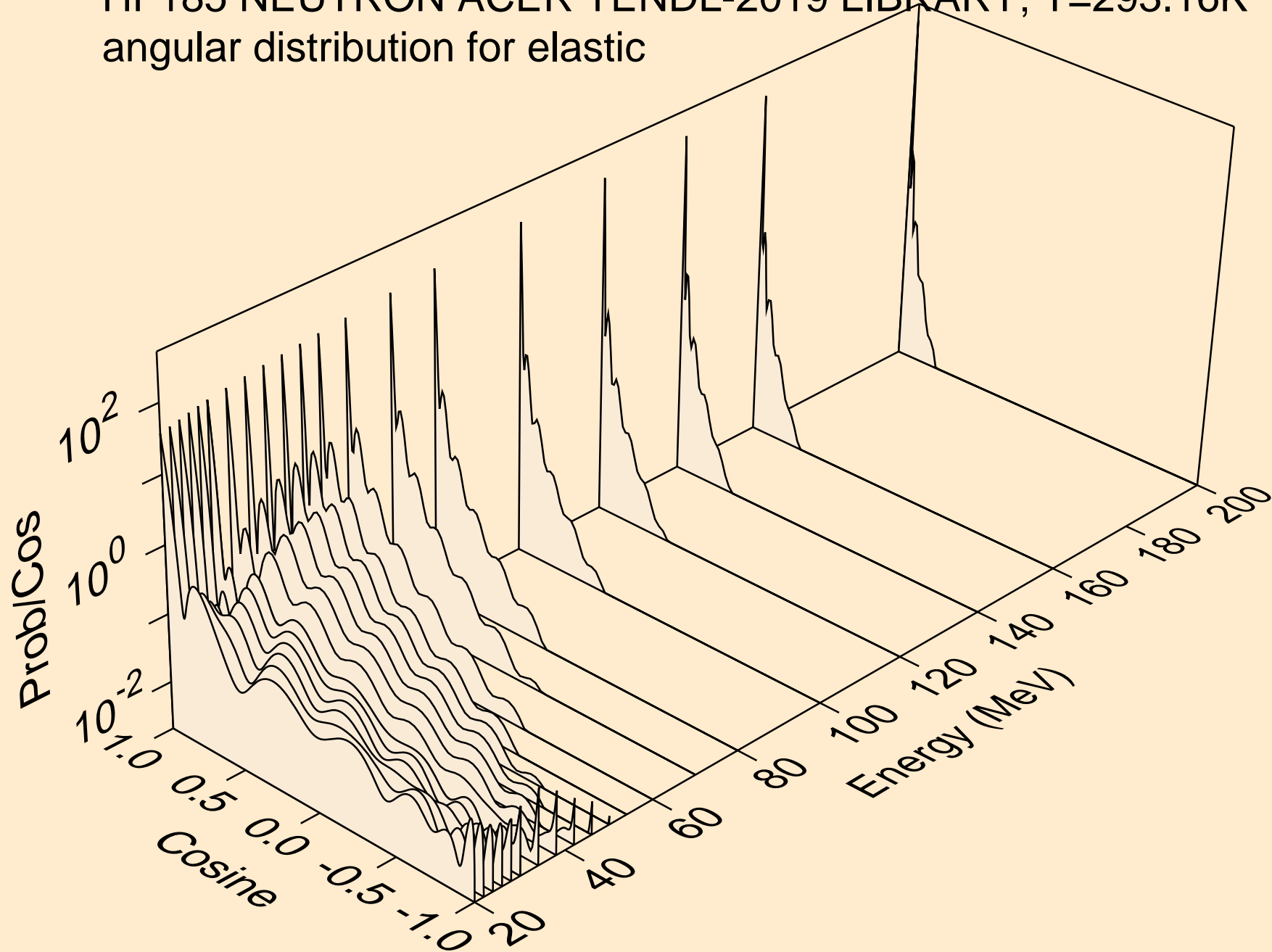
## Threshold reactions



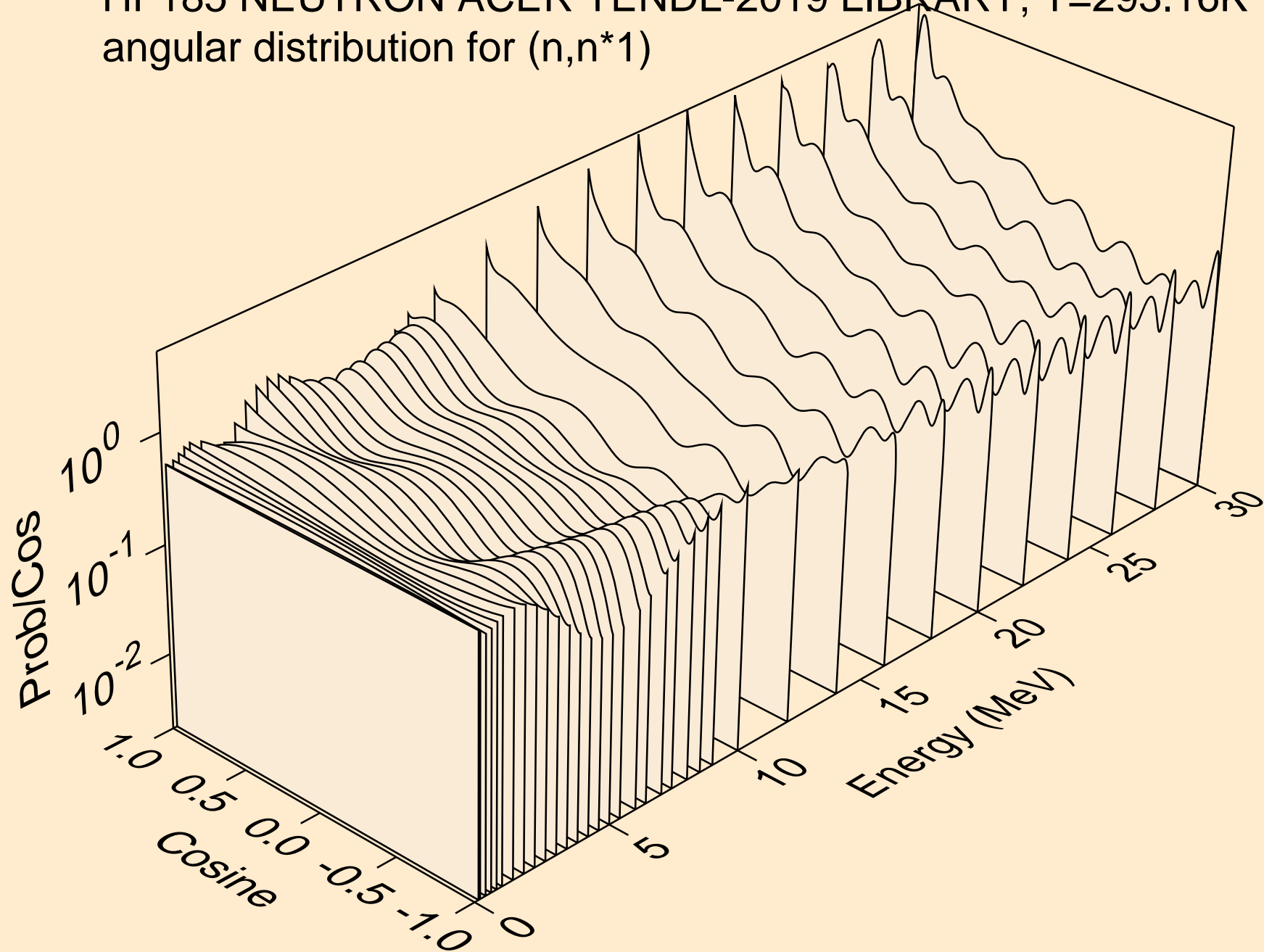
HF185 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic



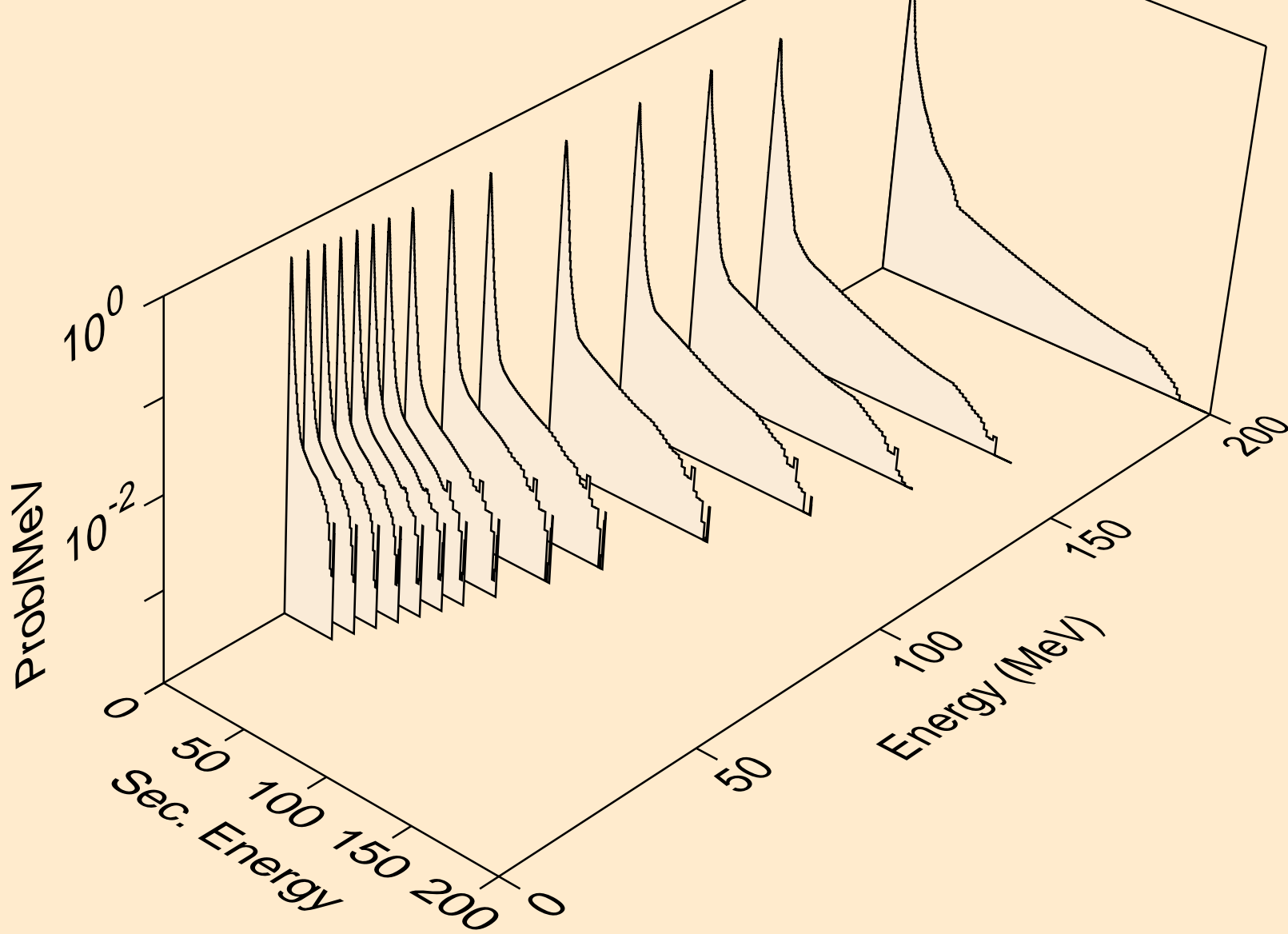
HF185 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic



HF185 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*1)

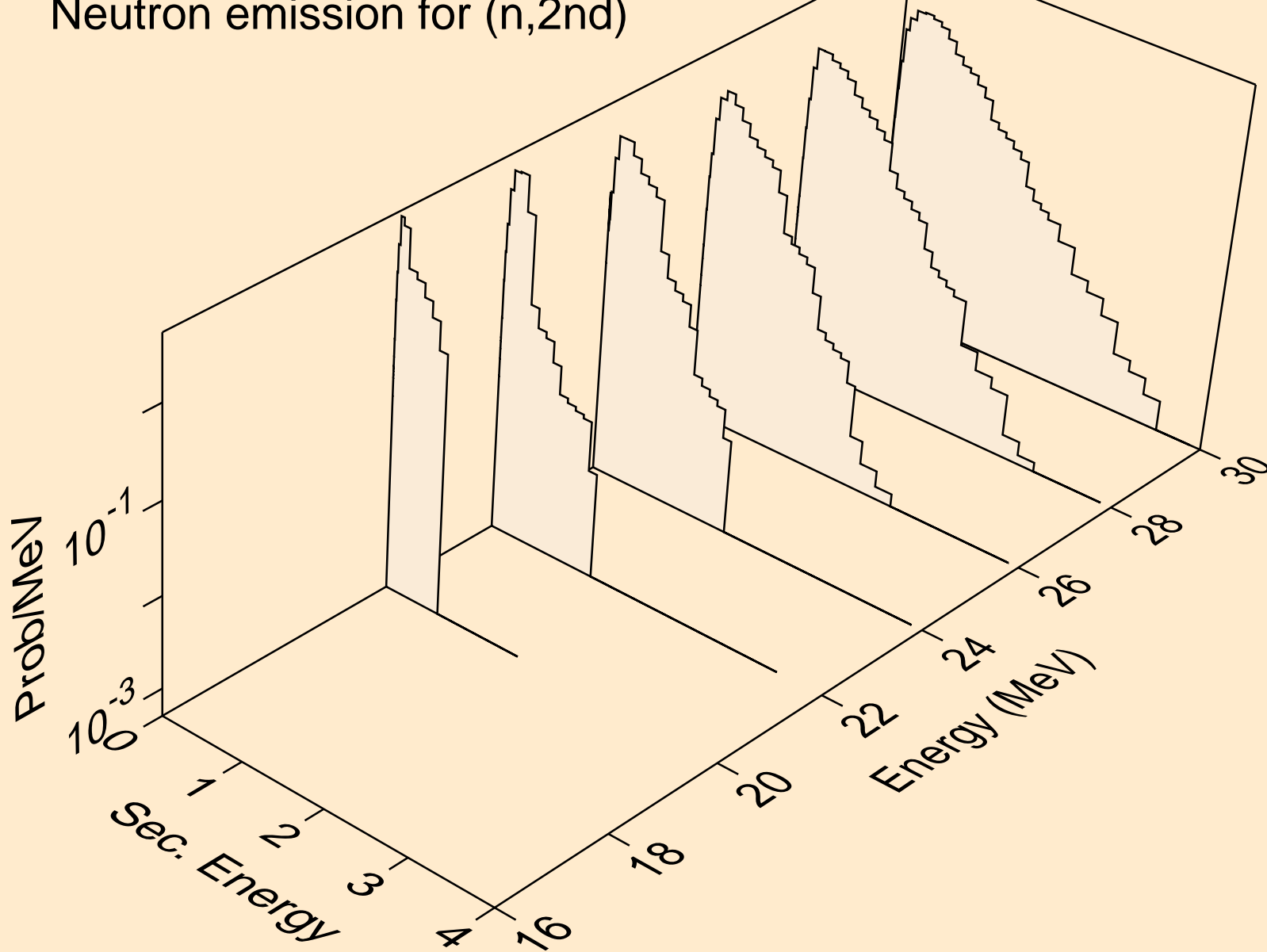


HF185 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,x)

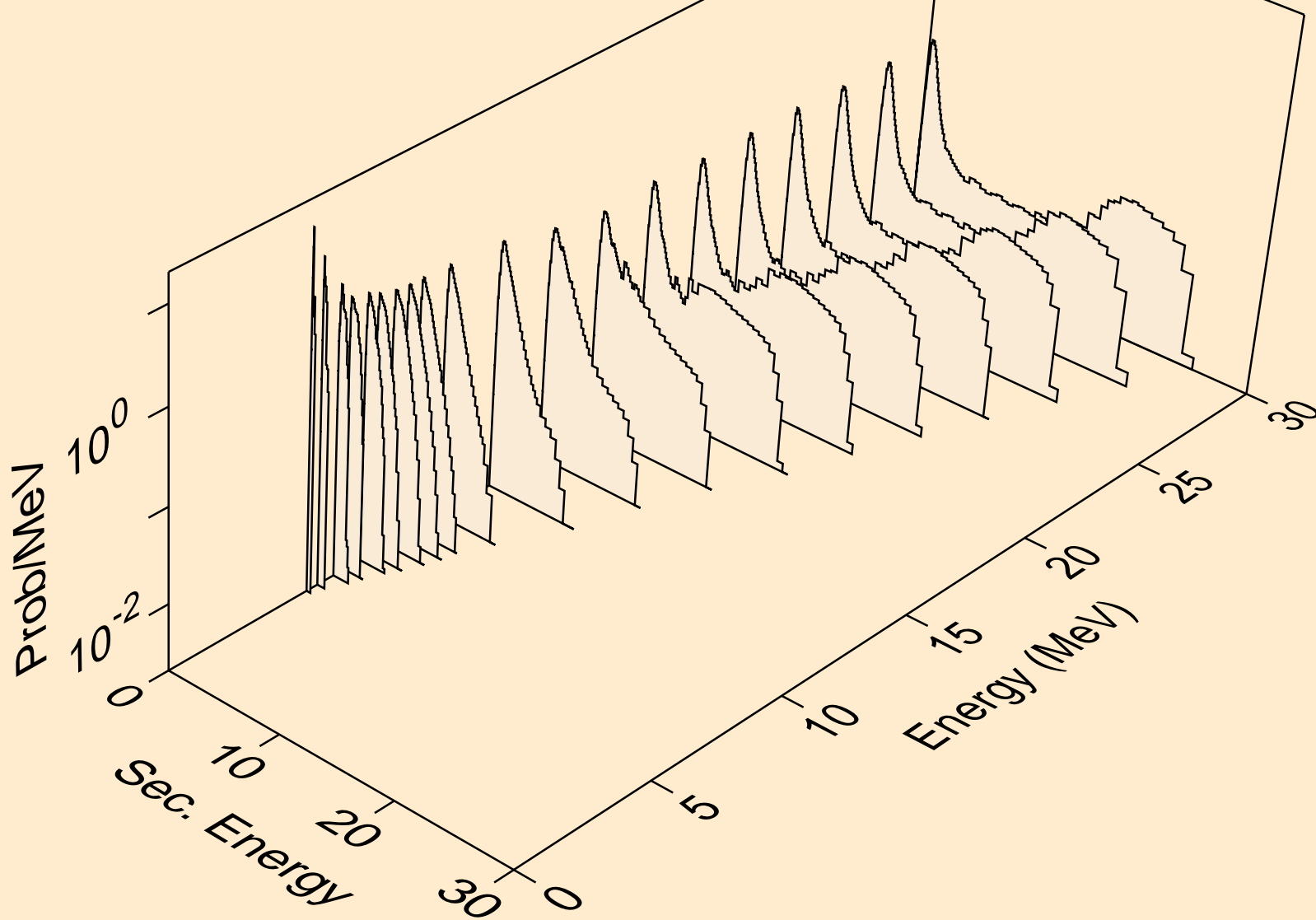




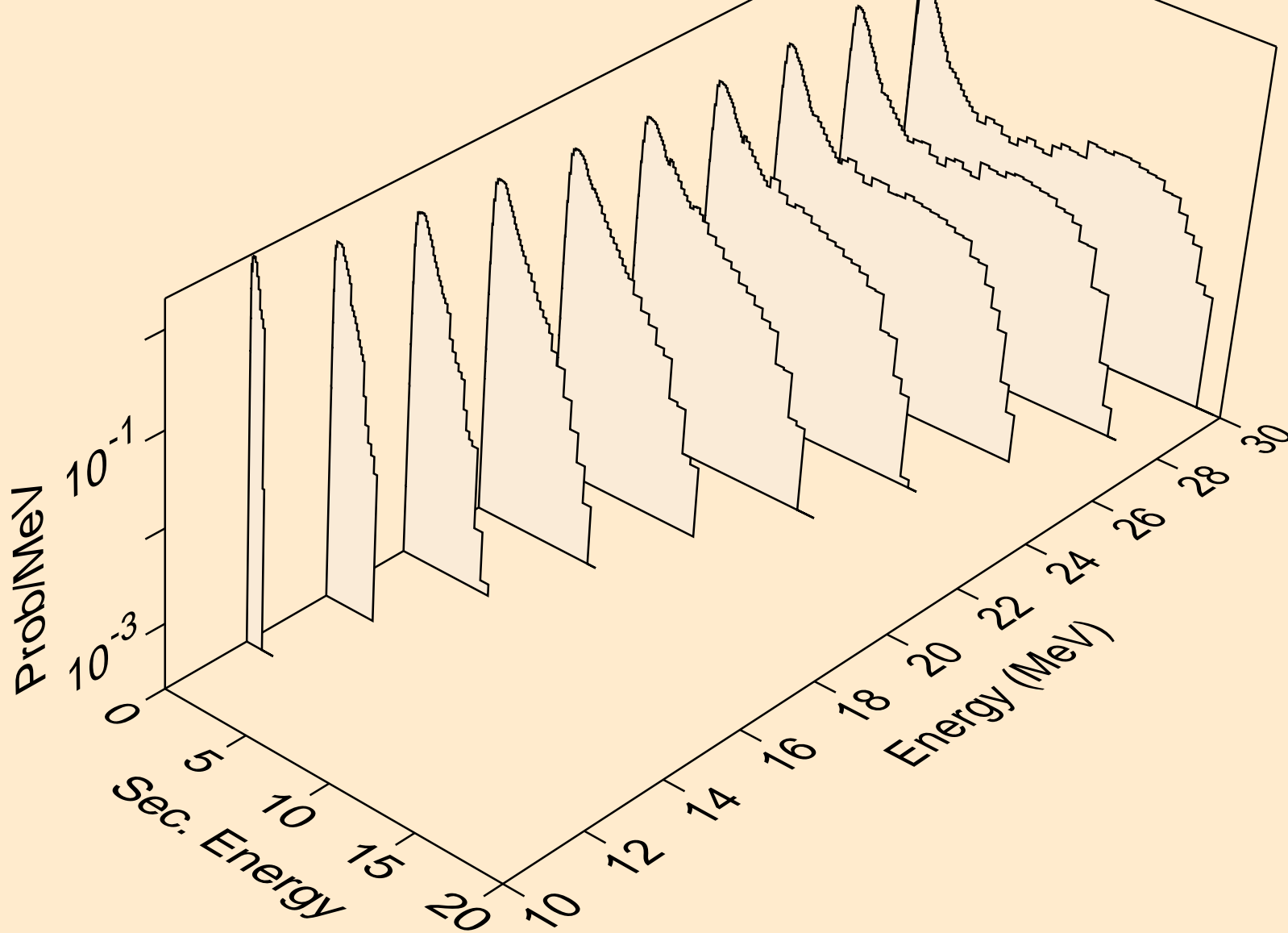
HF185 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2nd)



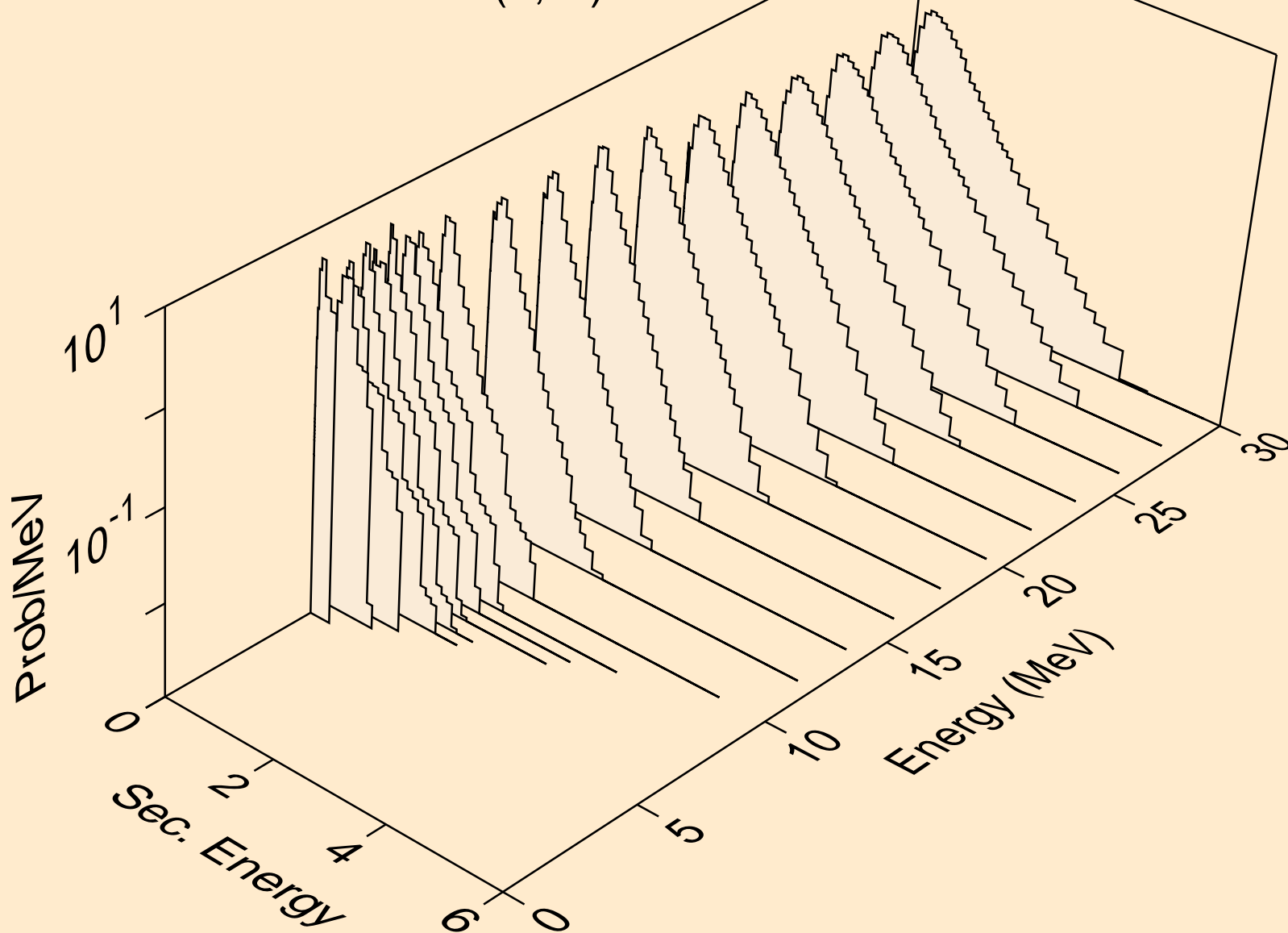
HF185 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)



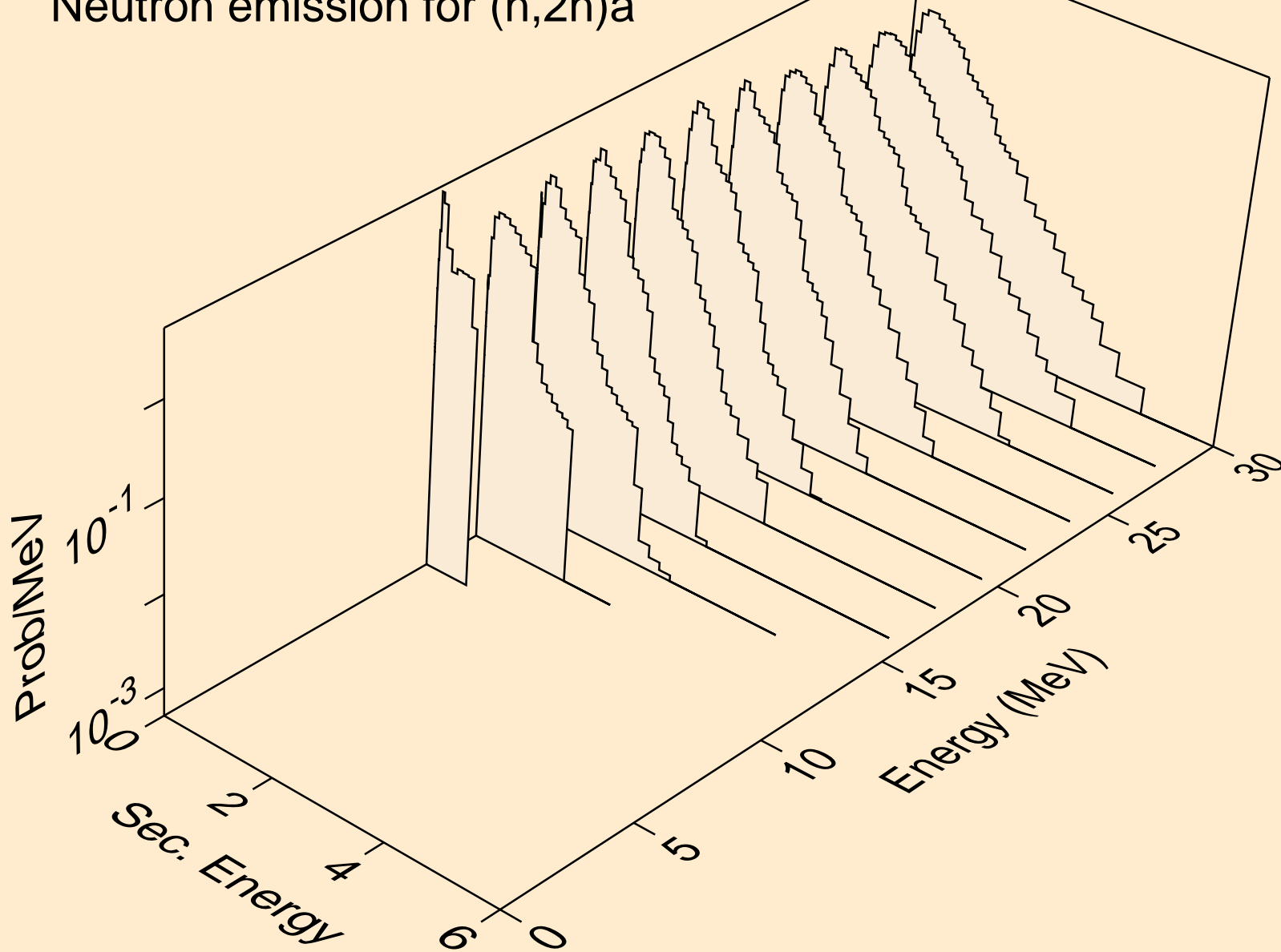
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Neutron emission for (n,3n)



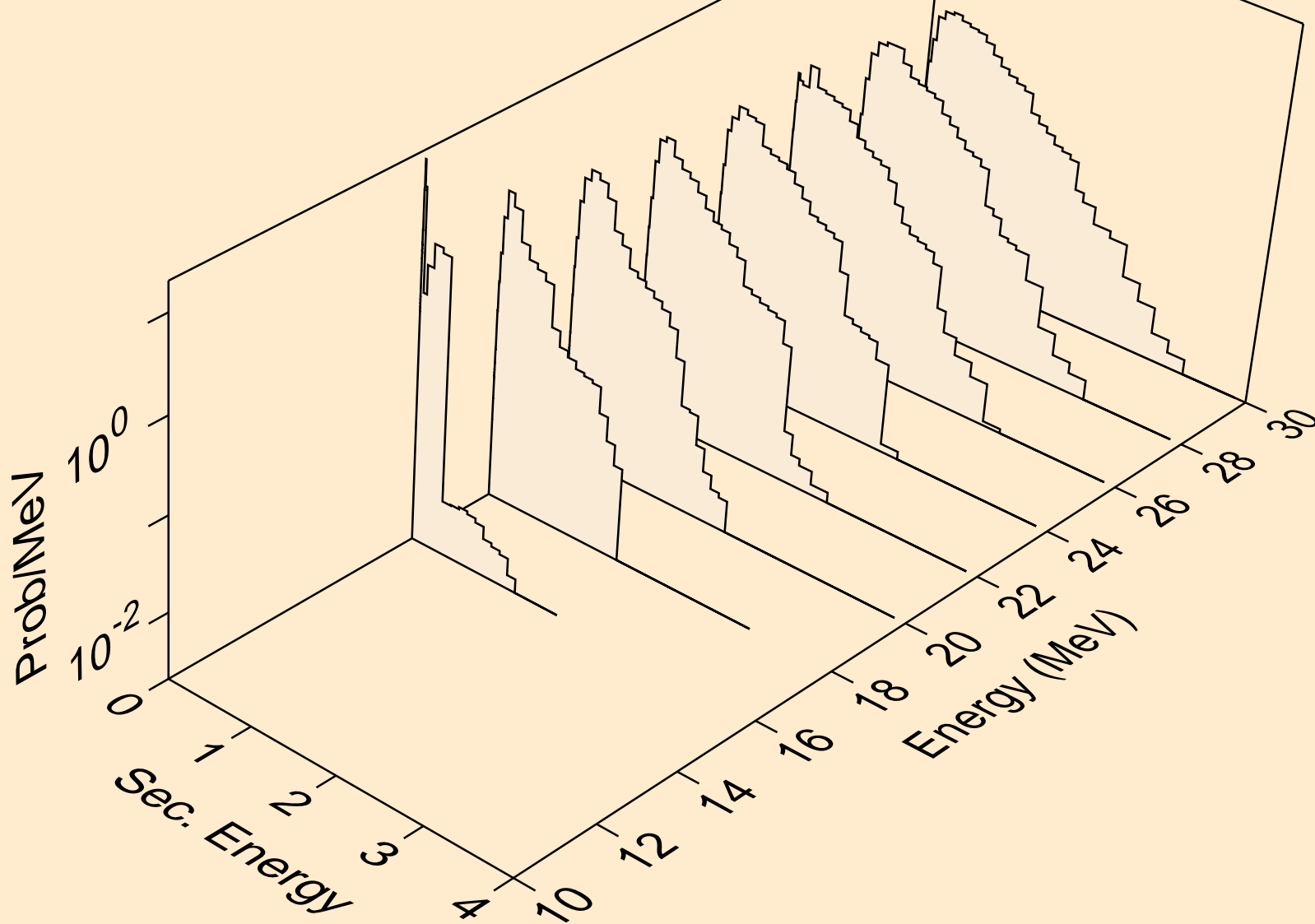
HF185 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)a



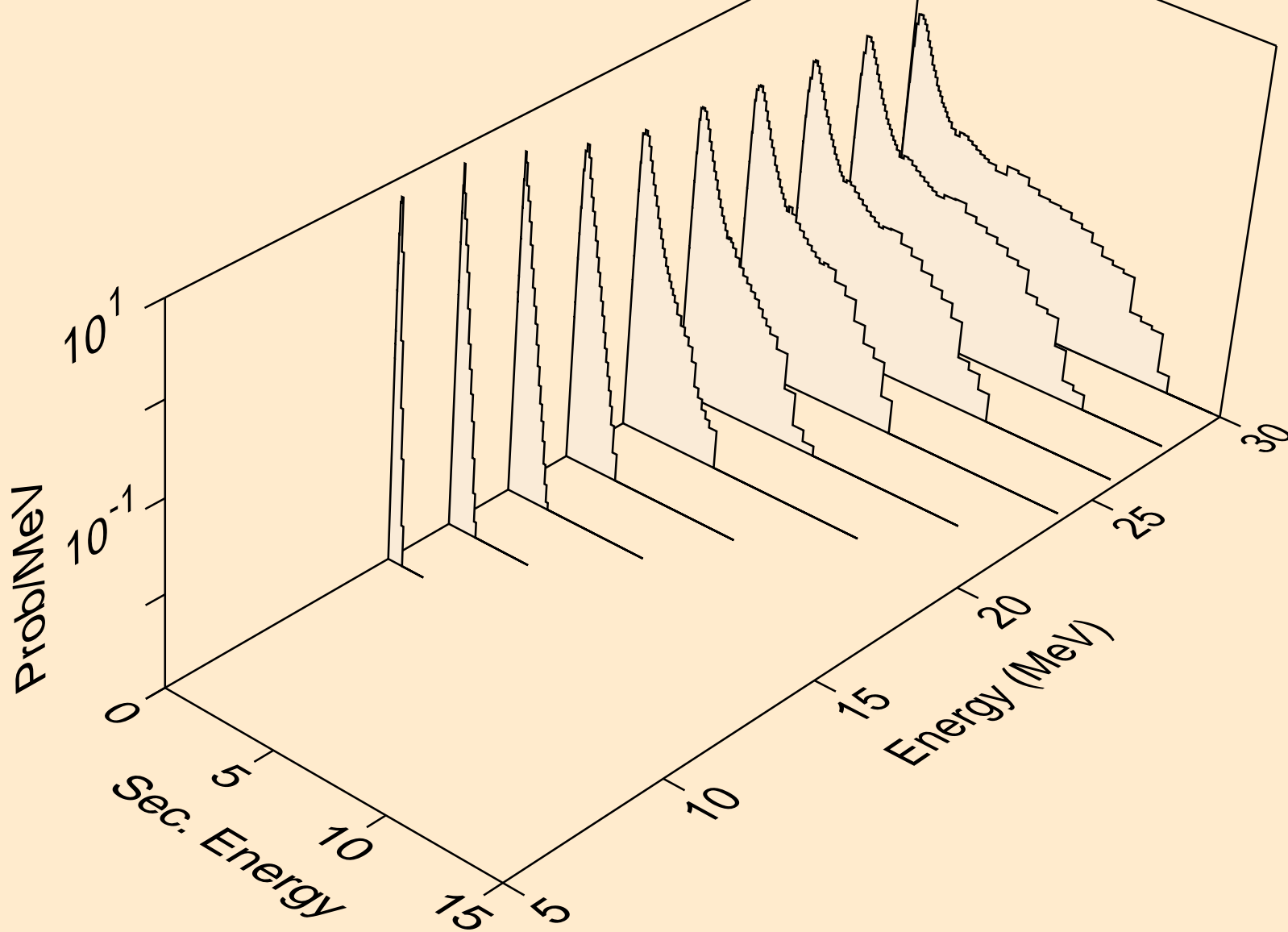
HF185 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)a



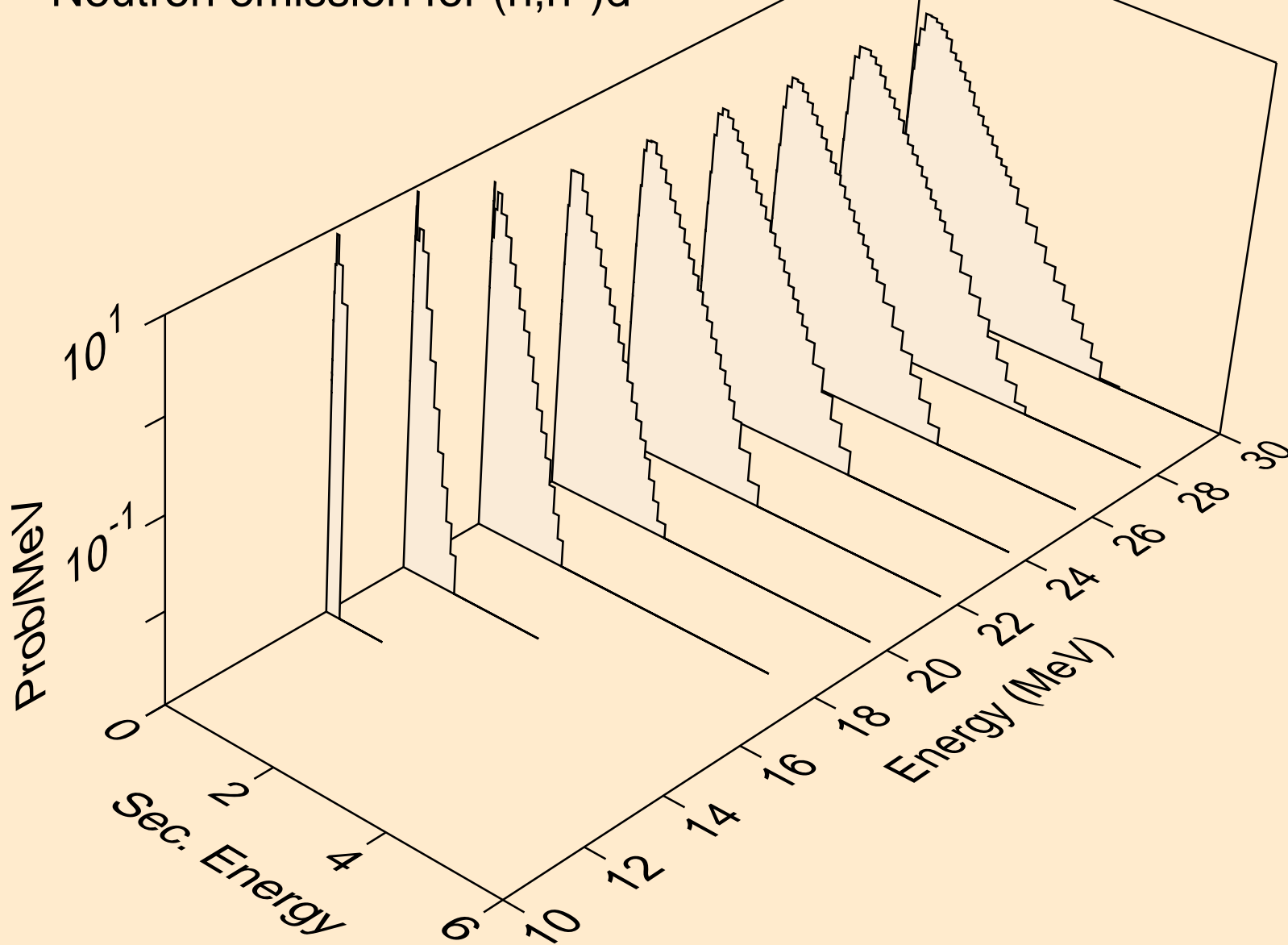
HF185 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)a



HF185 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)p

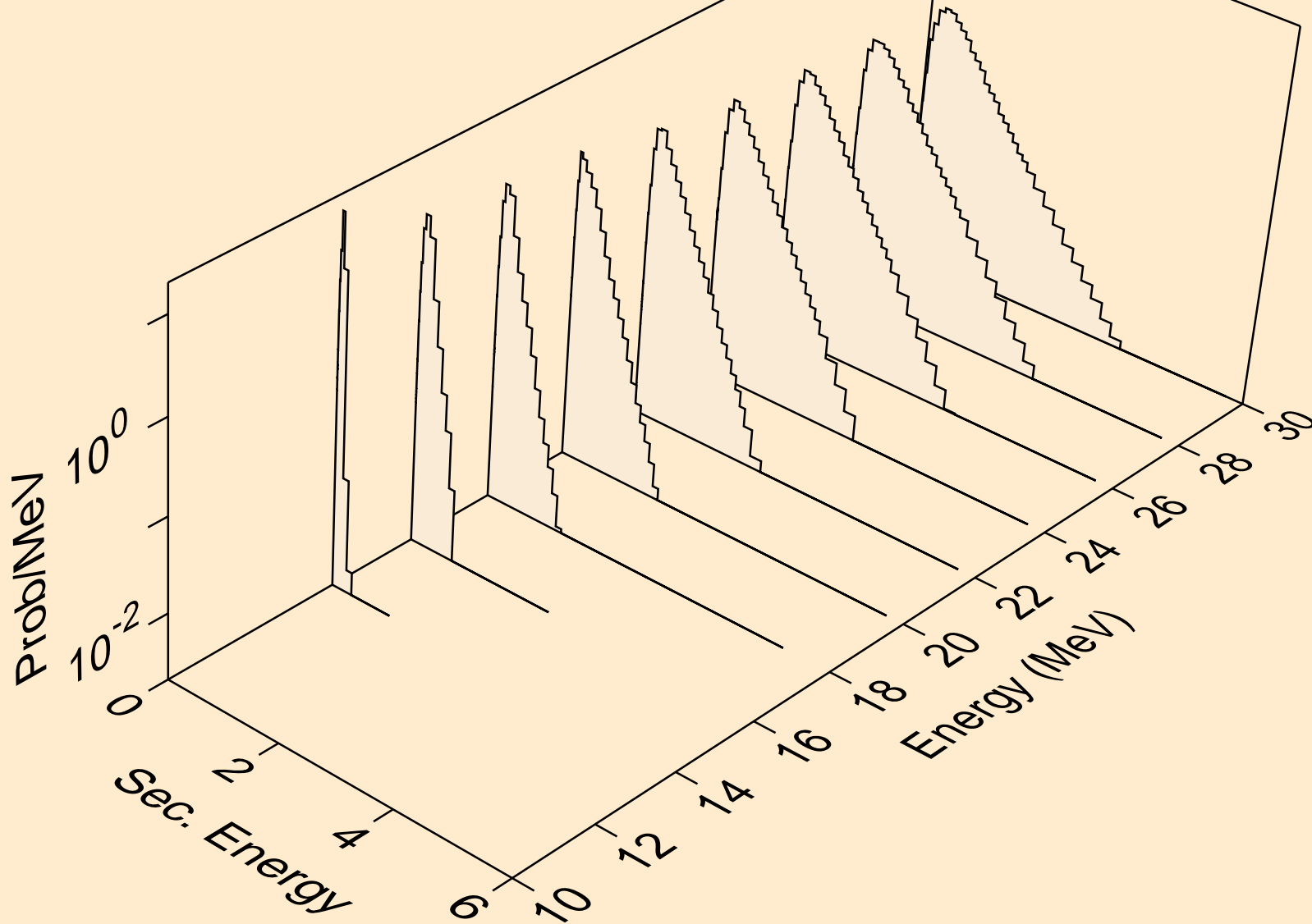


HF185 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)d

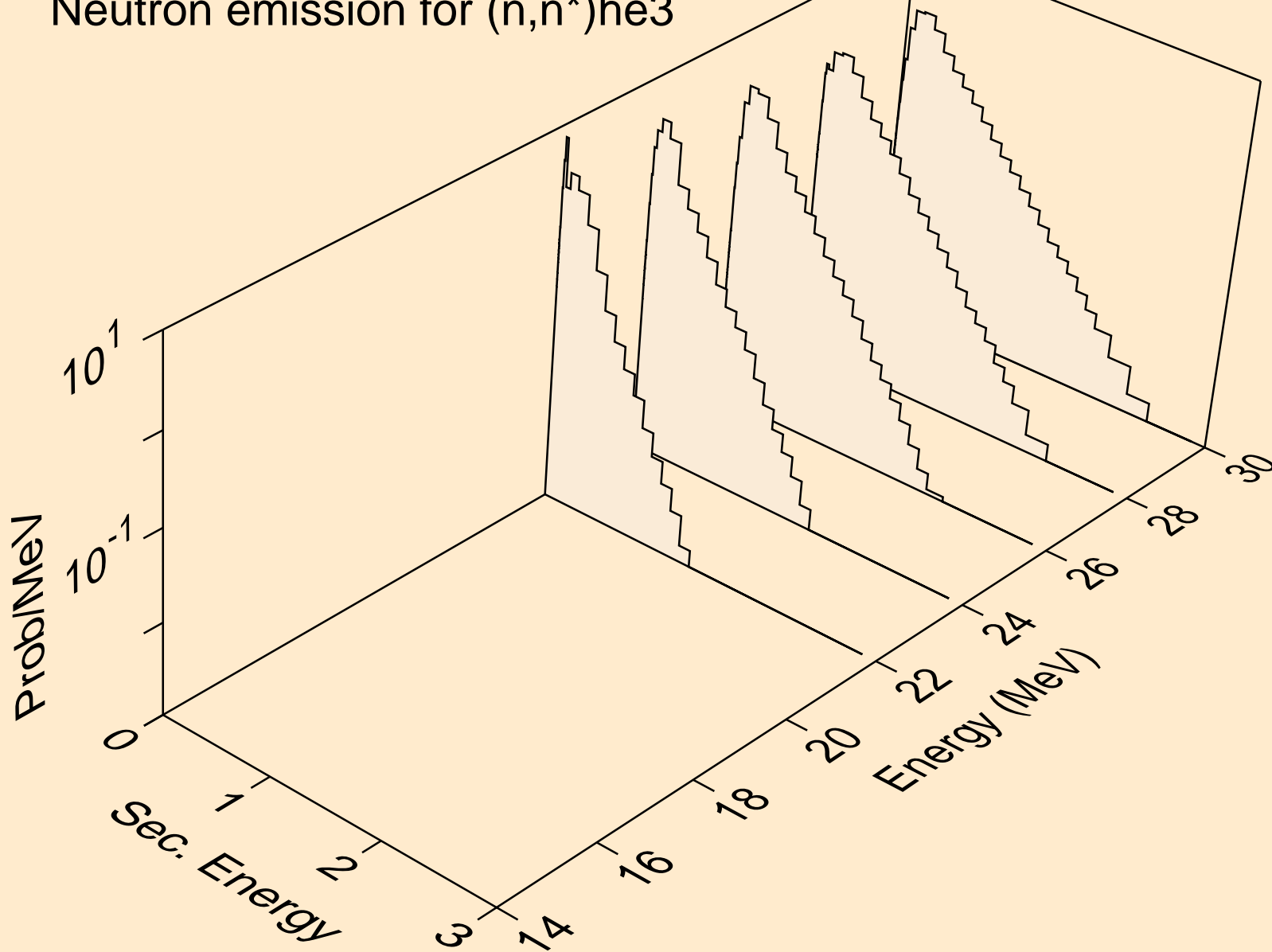




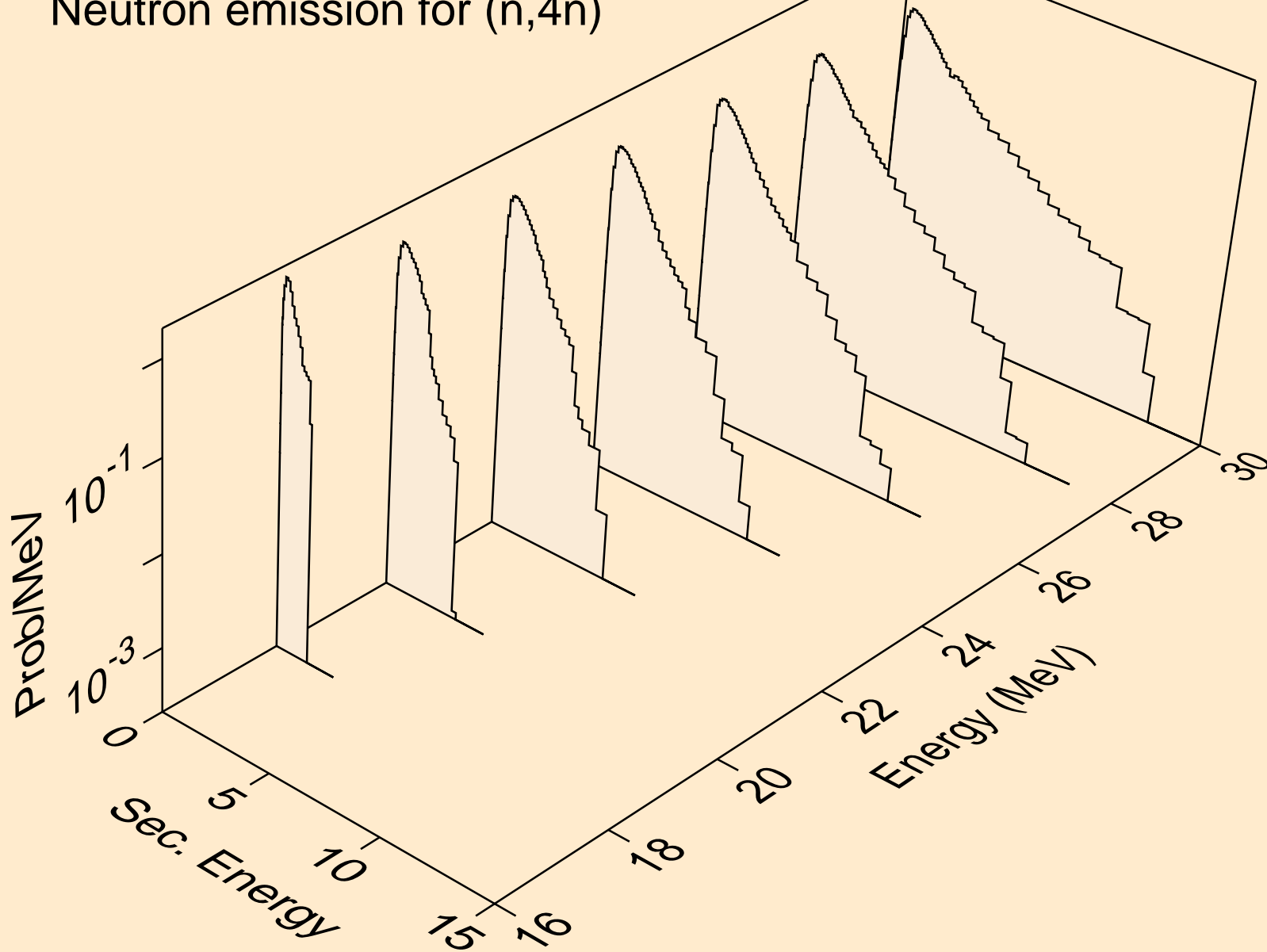
HF185 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)t



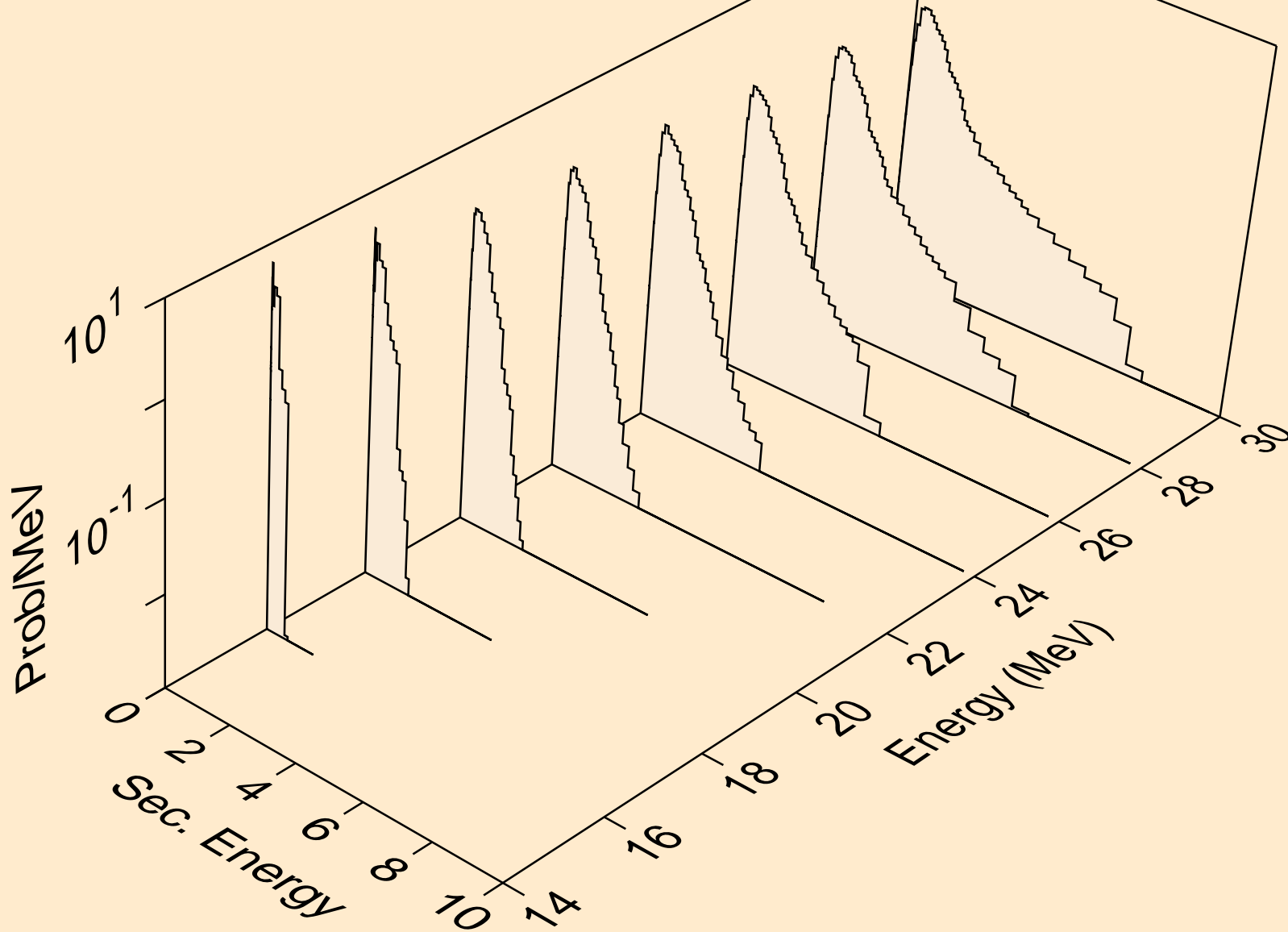
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Neutron emission for (n,n\*)he3



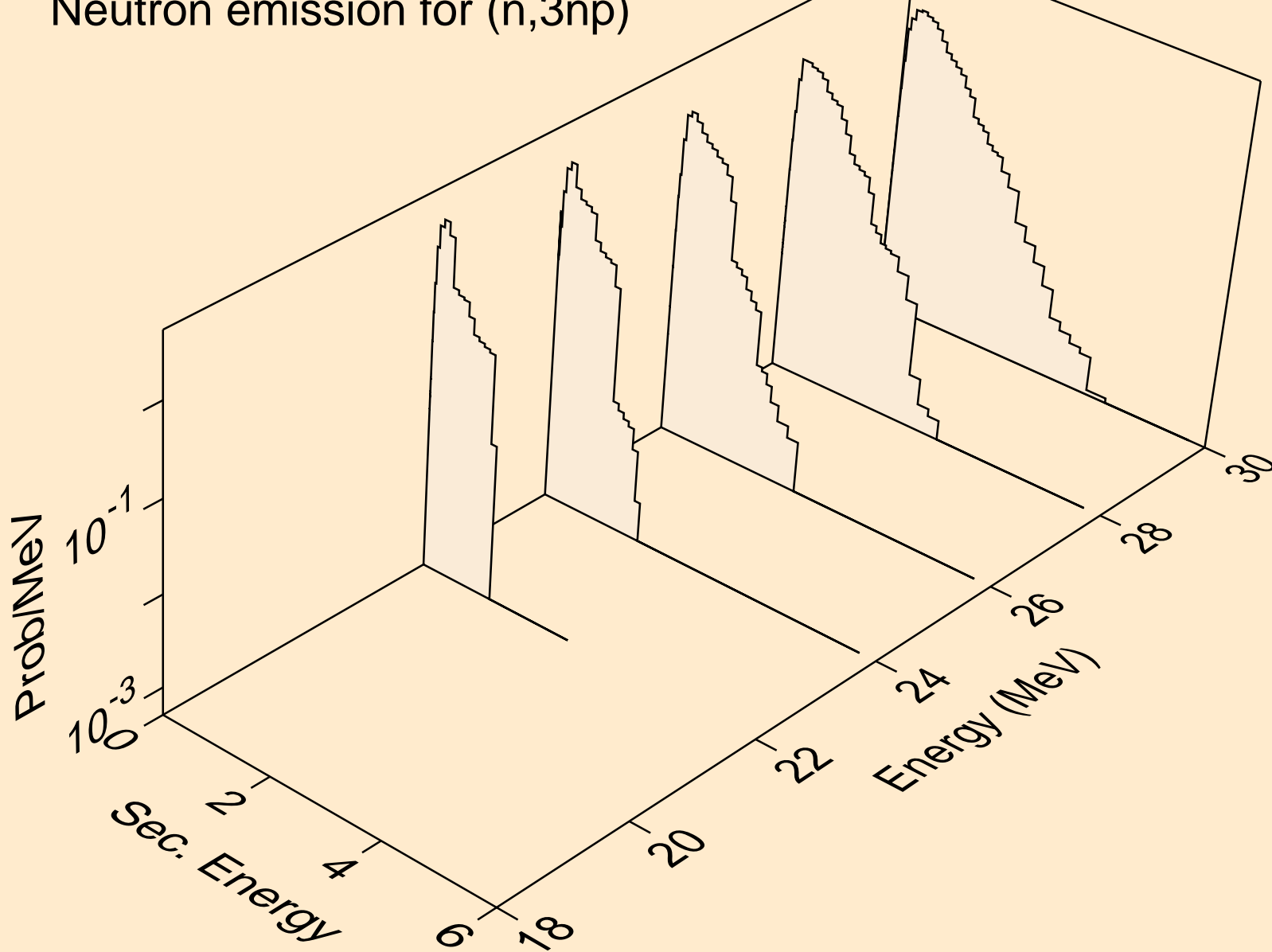
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Neutron emission for (n,4n)



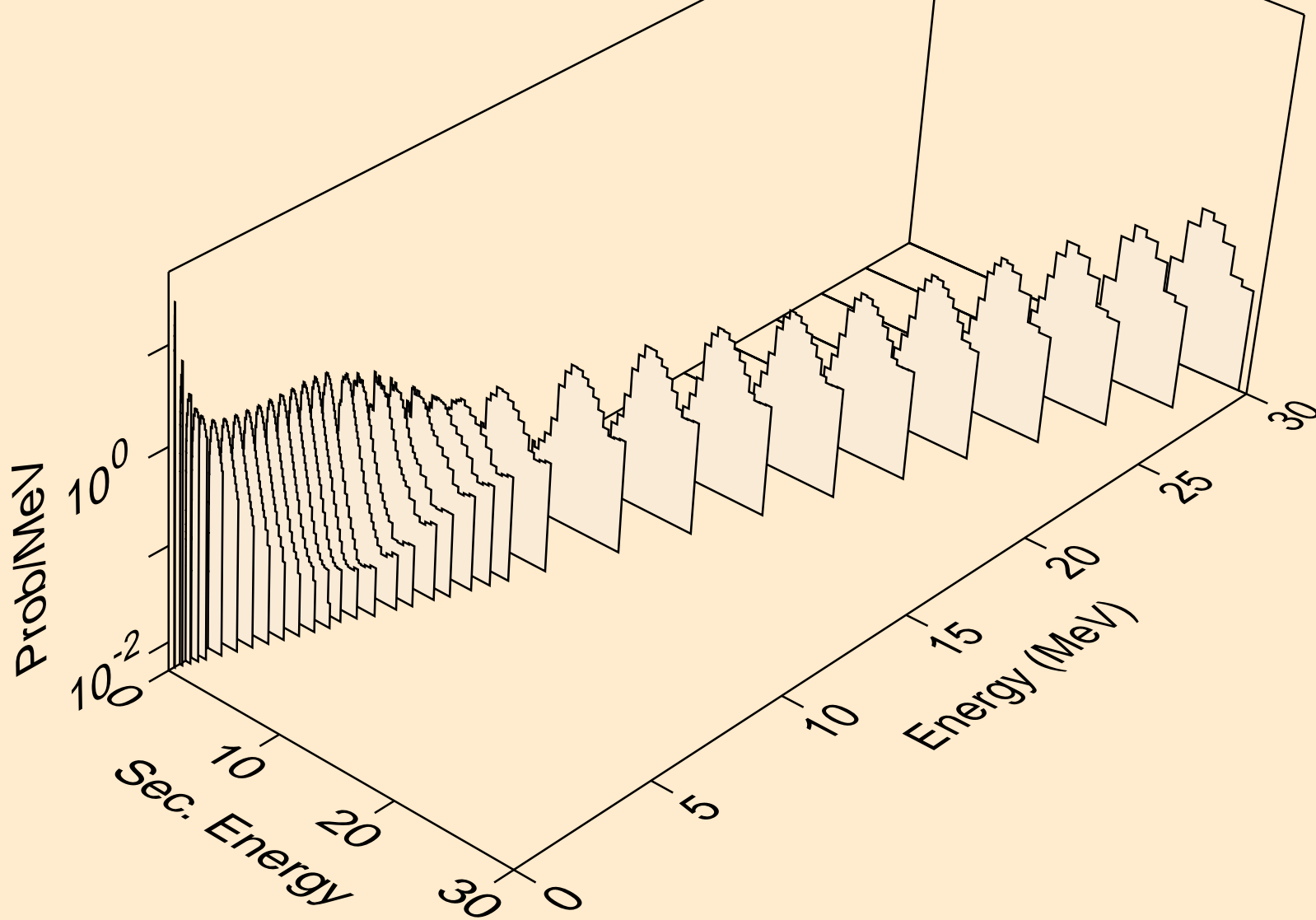
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Neutron emission for (n,2np)



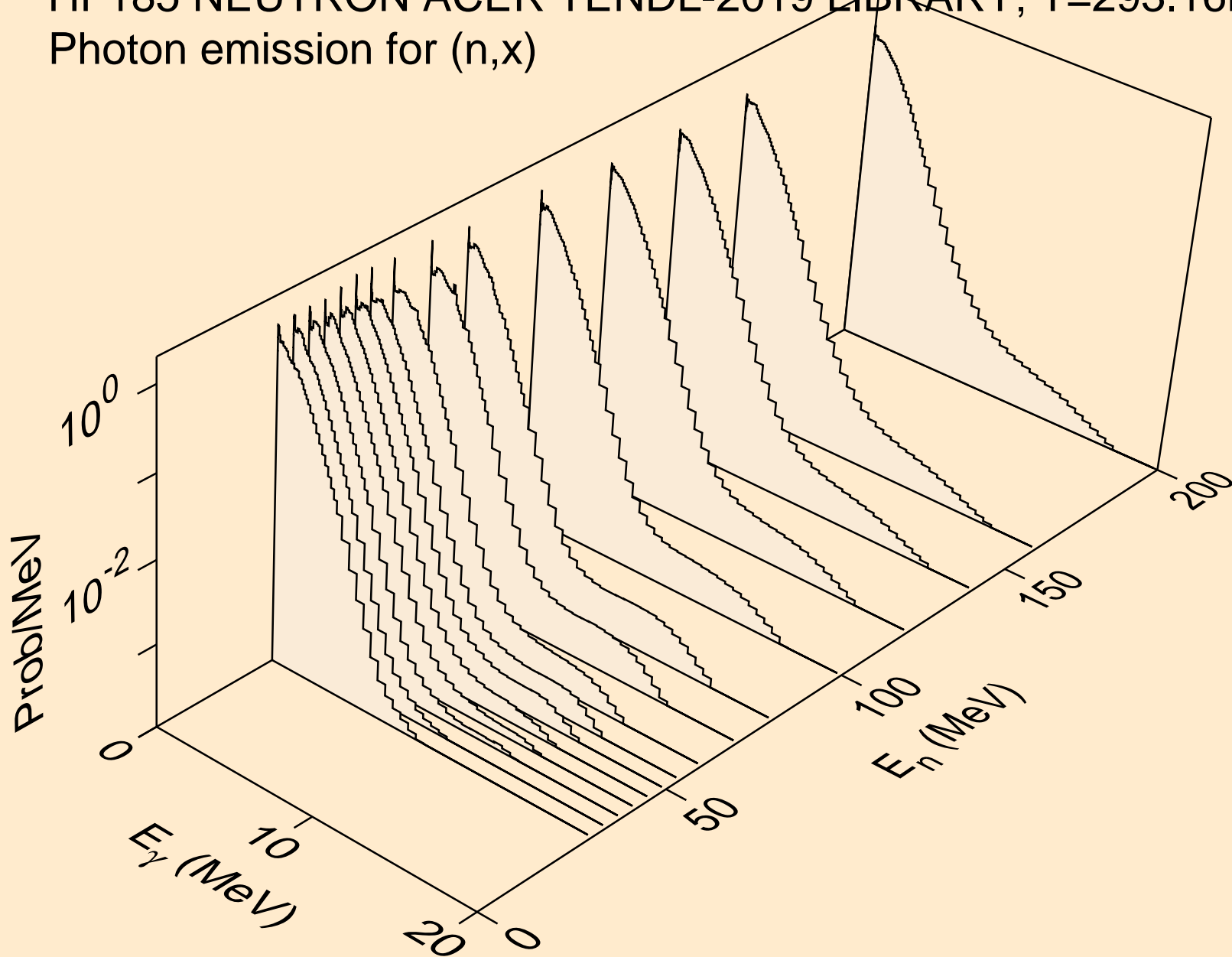
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Neutron emission for (n,3np)



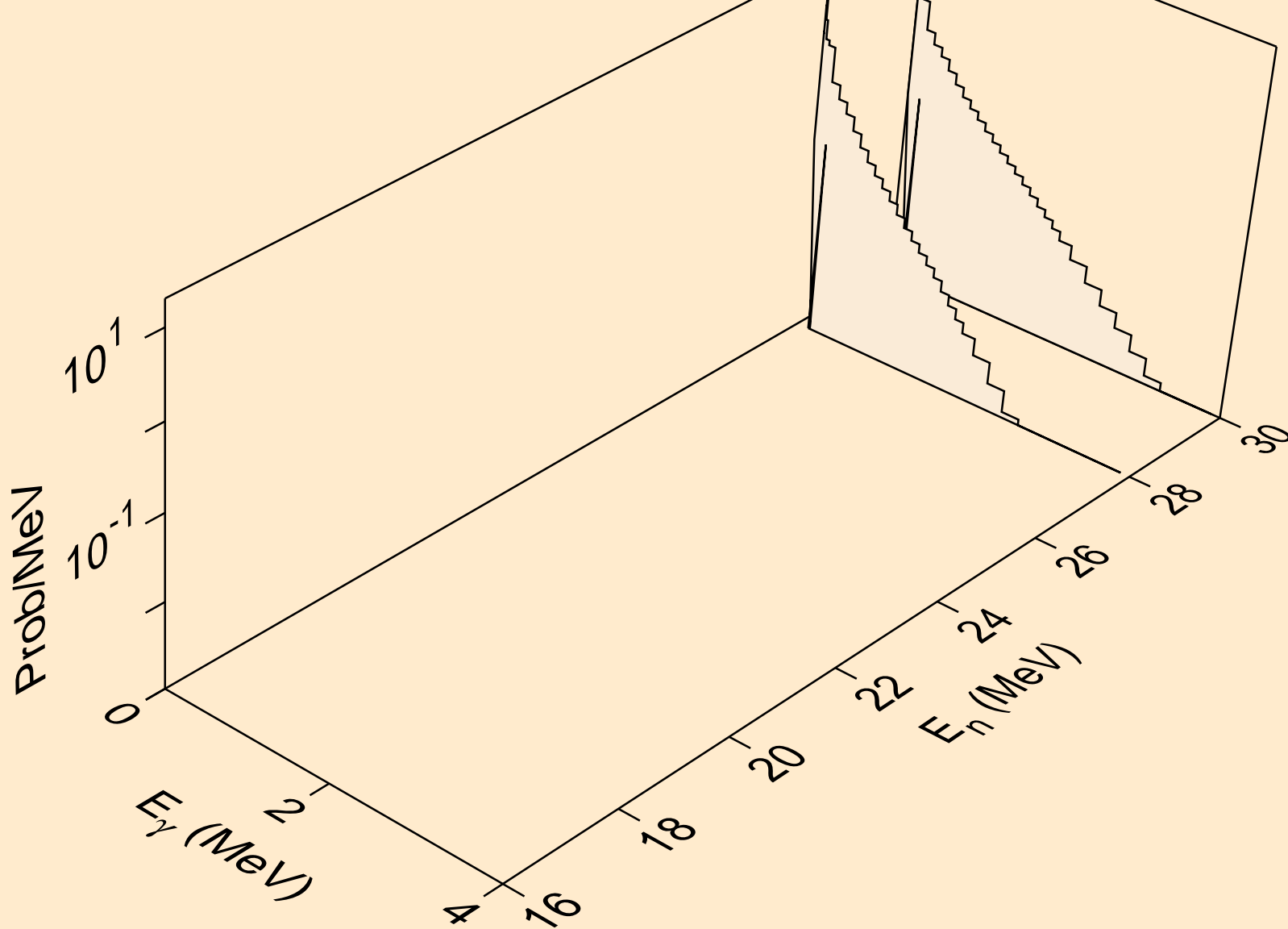
HF185 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*c)



HF185 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,x)

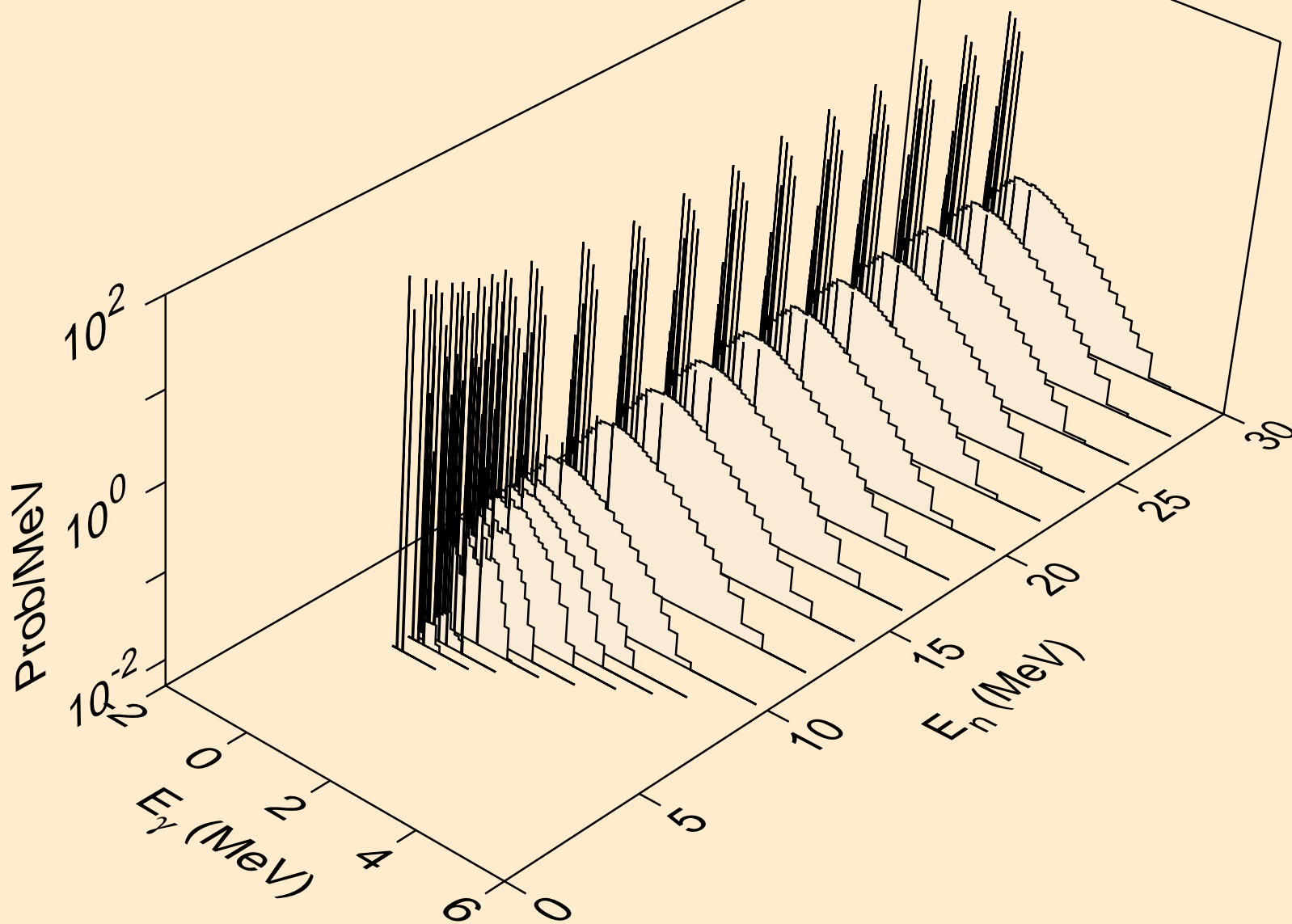


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Photon emission for (n,2nd)

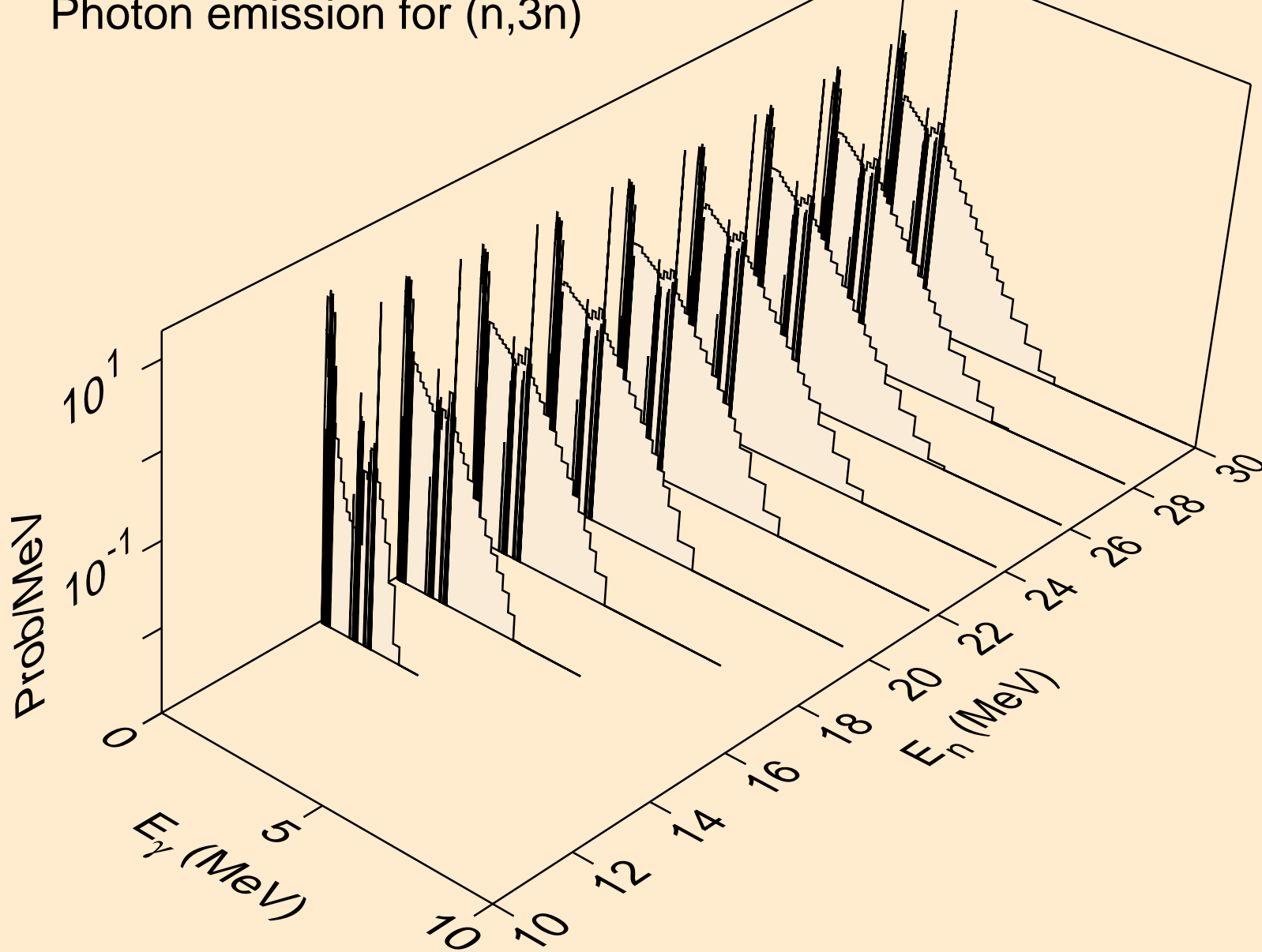




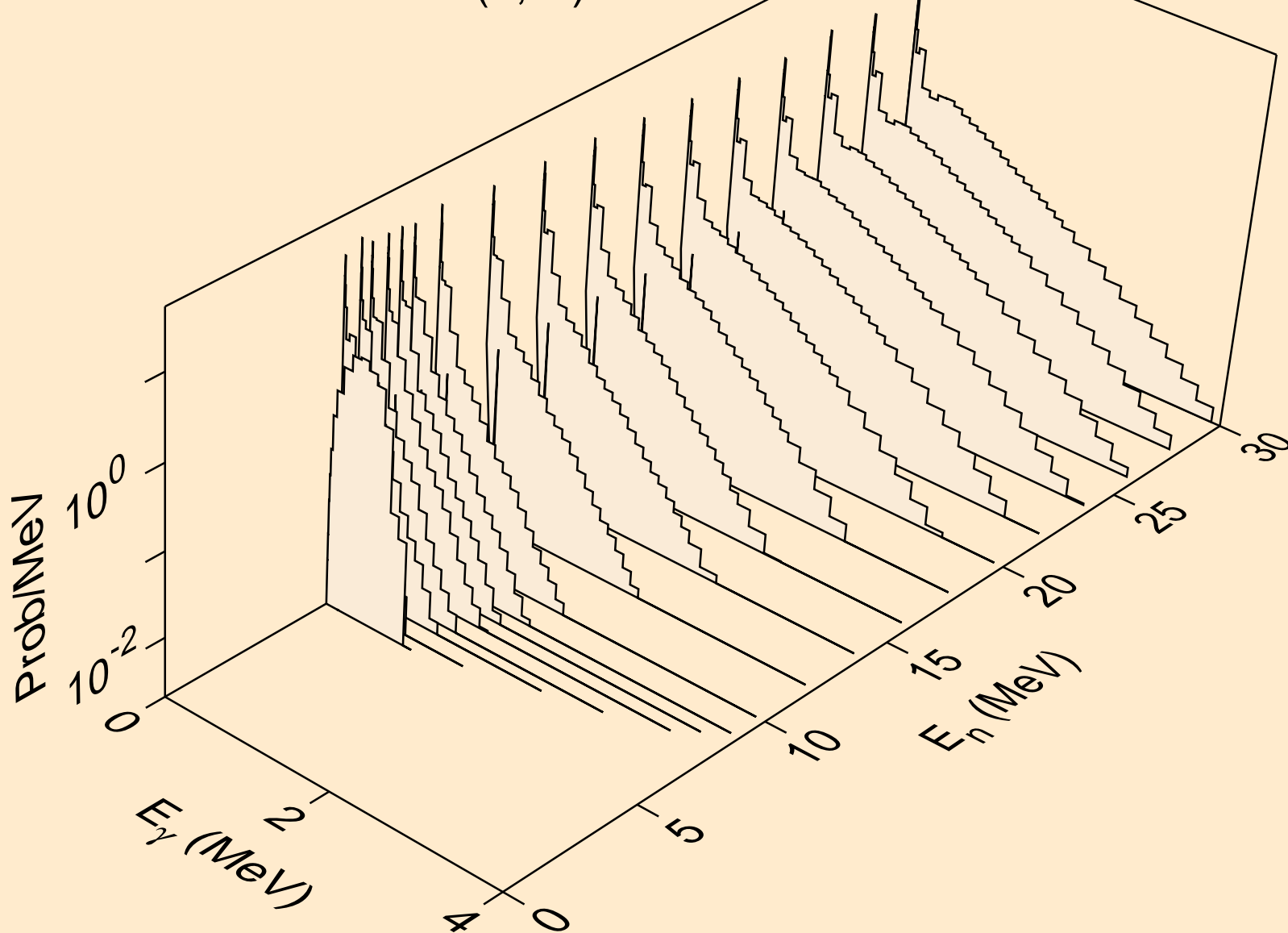
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Photon emission for (n,2n)



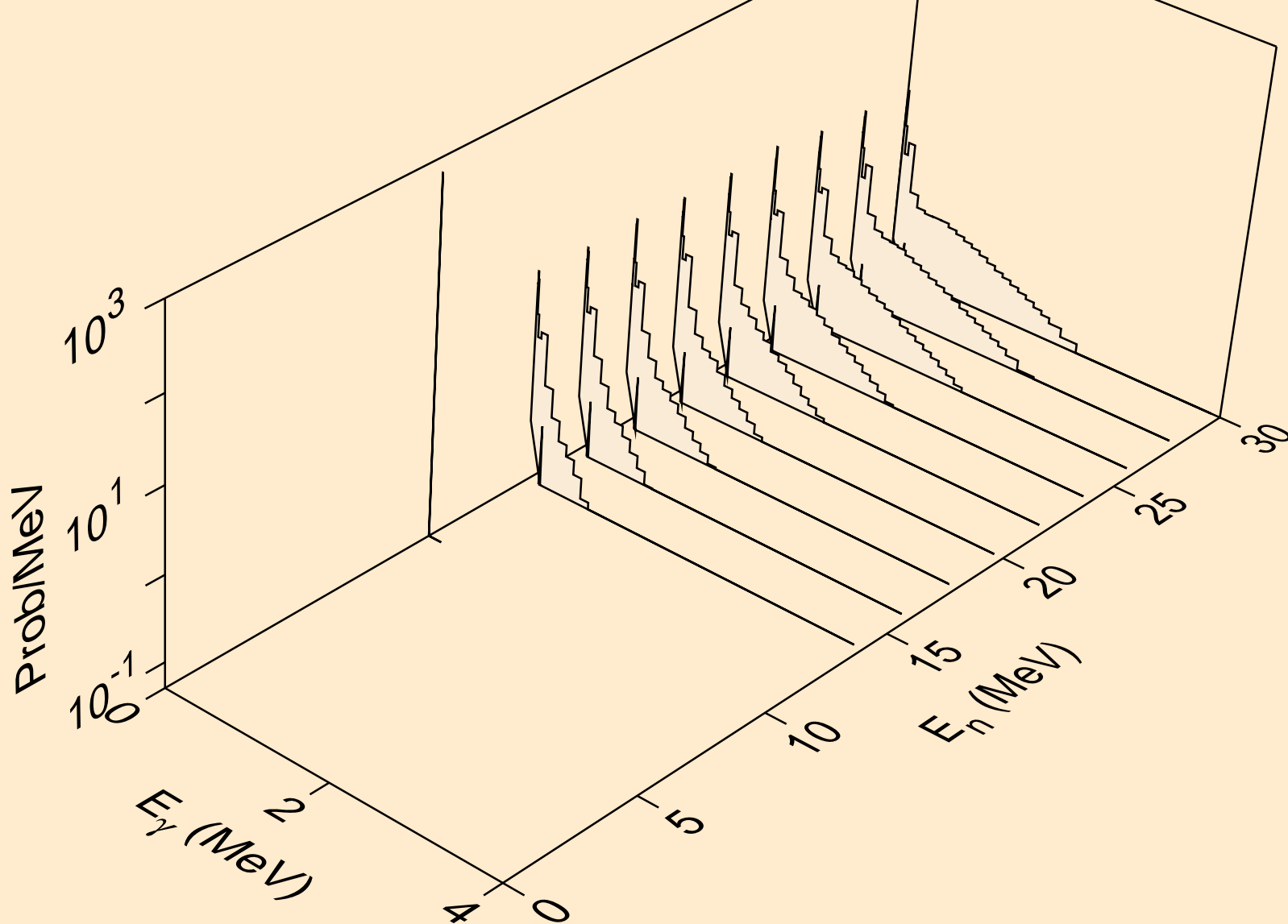
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Photon emission for (n,3n)



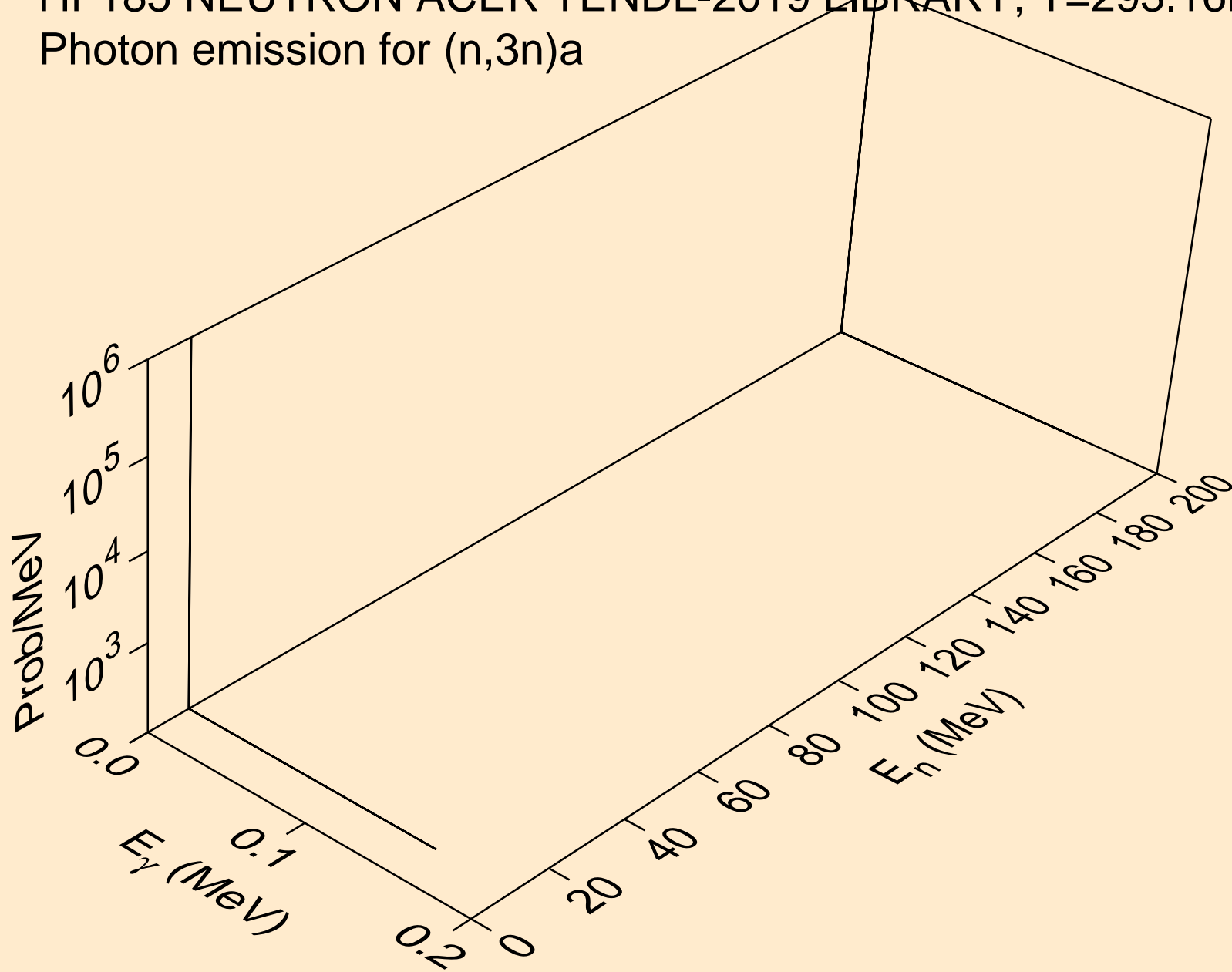
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Photon emission for (n,n\*)a



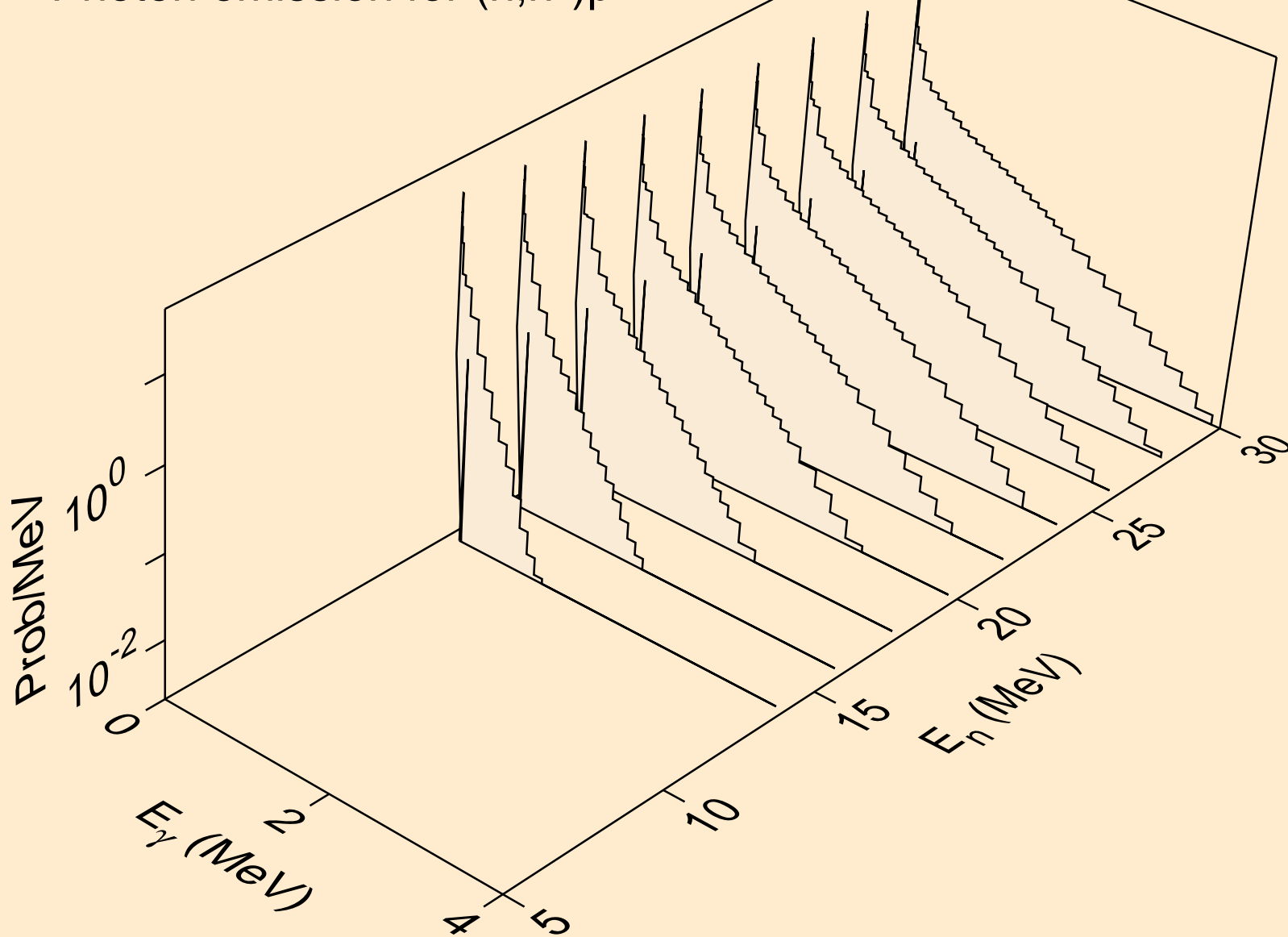
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Photon emission for (n,2n) $\alpha$



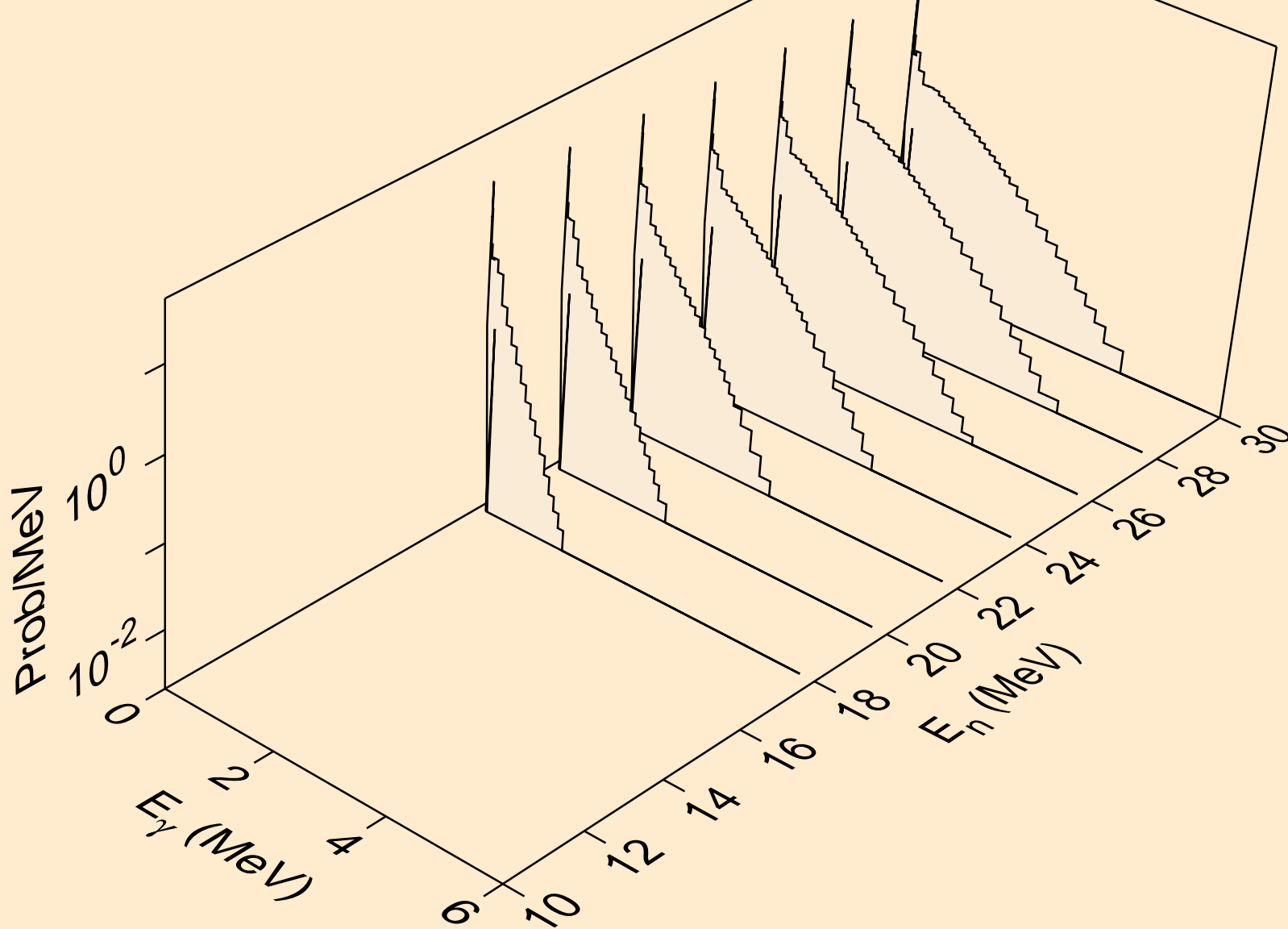
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Photon emission for (n,3n)a



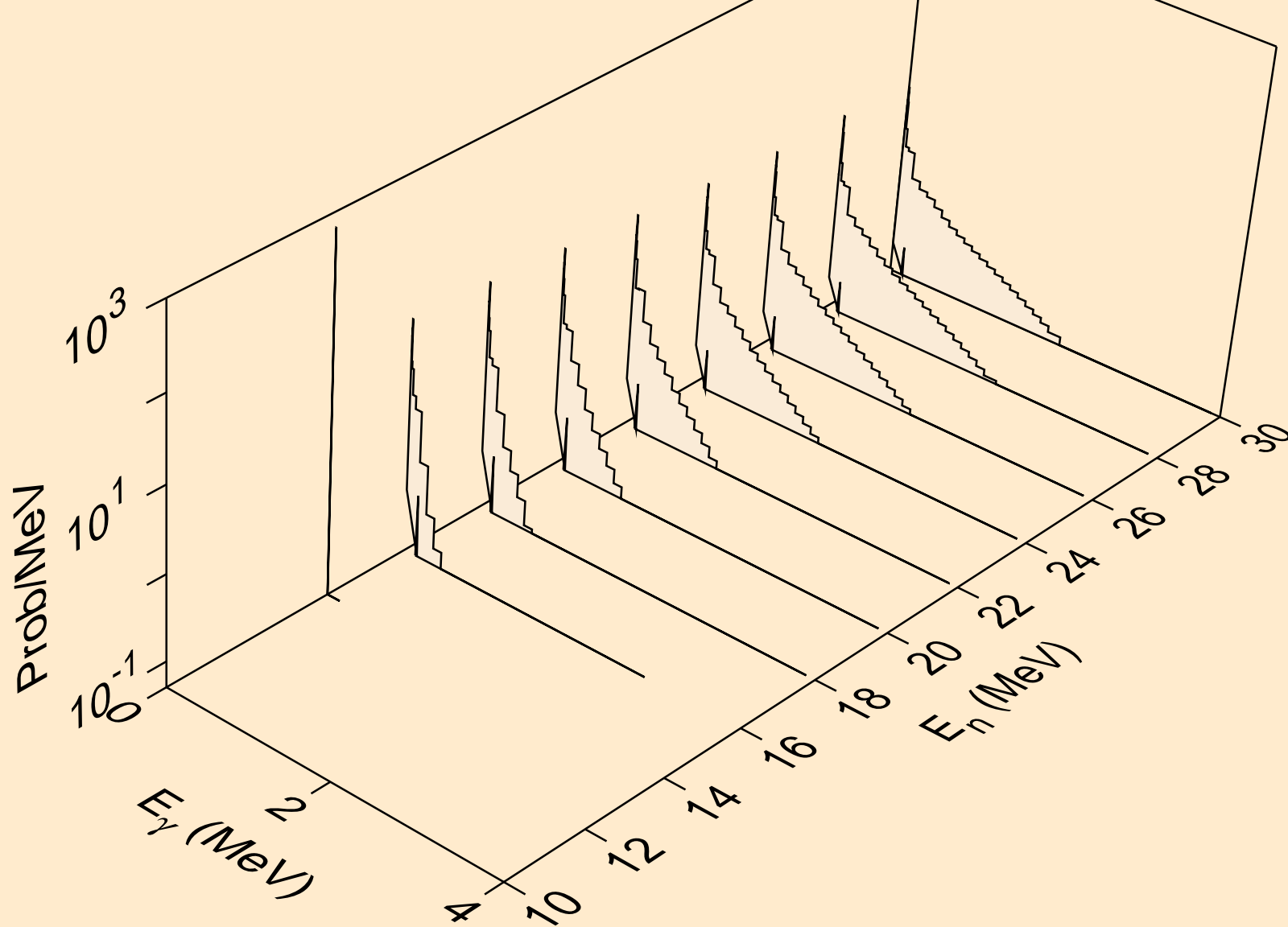
HF185 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)p



HF185 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)d

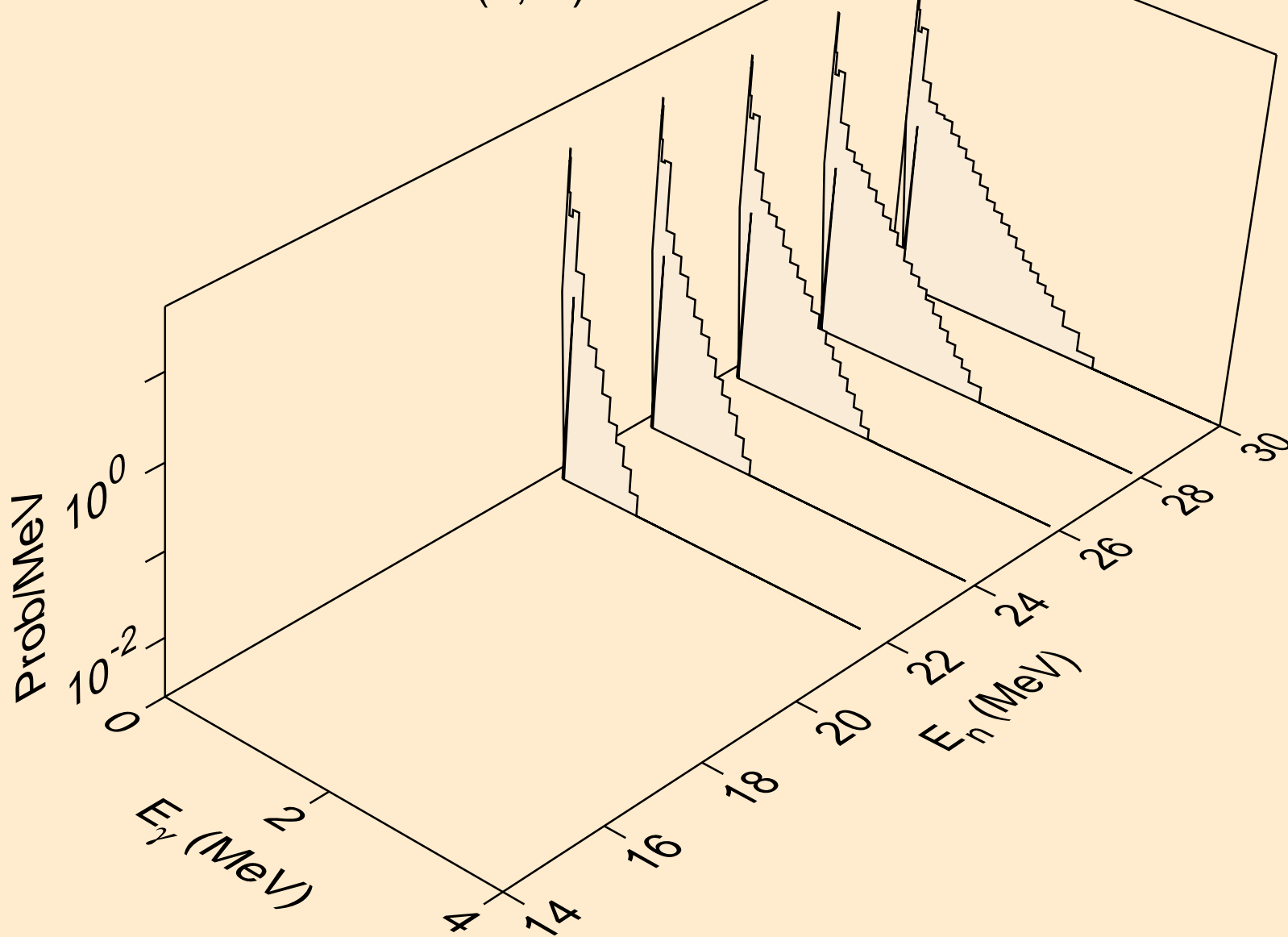


HF185 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)t

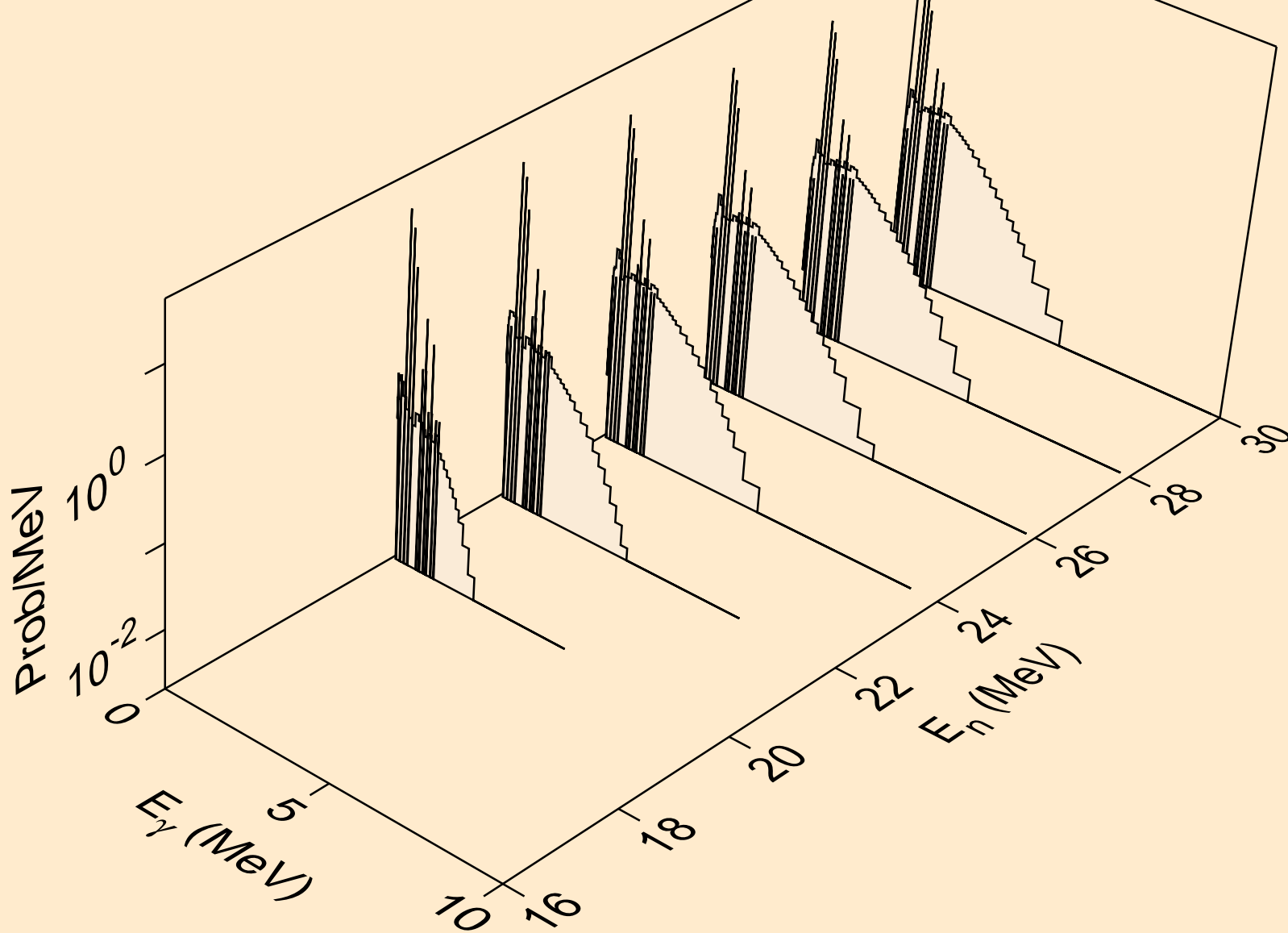




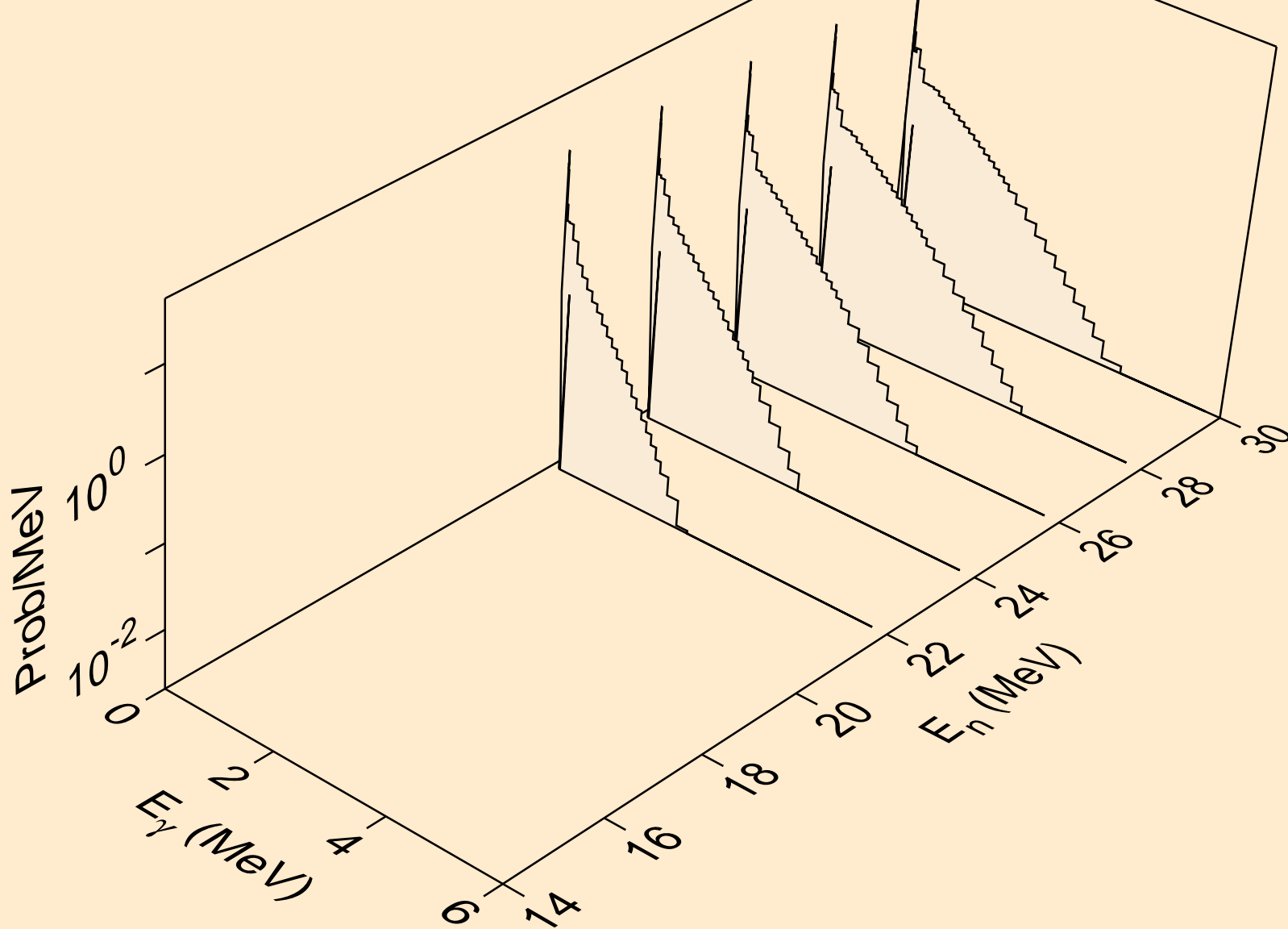
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Photon emission for (n,n\*)he3



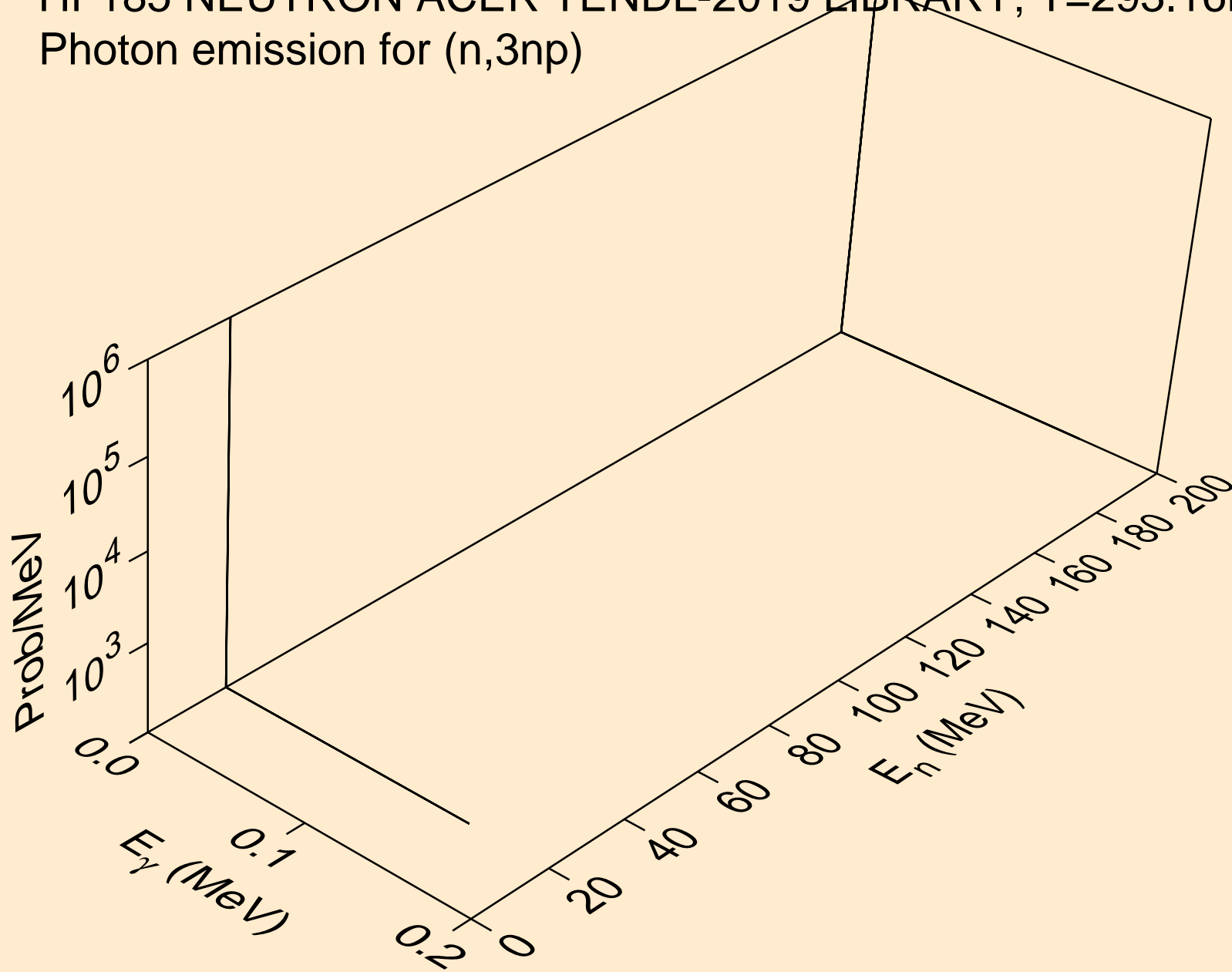
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Photon emission for (n,4n)



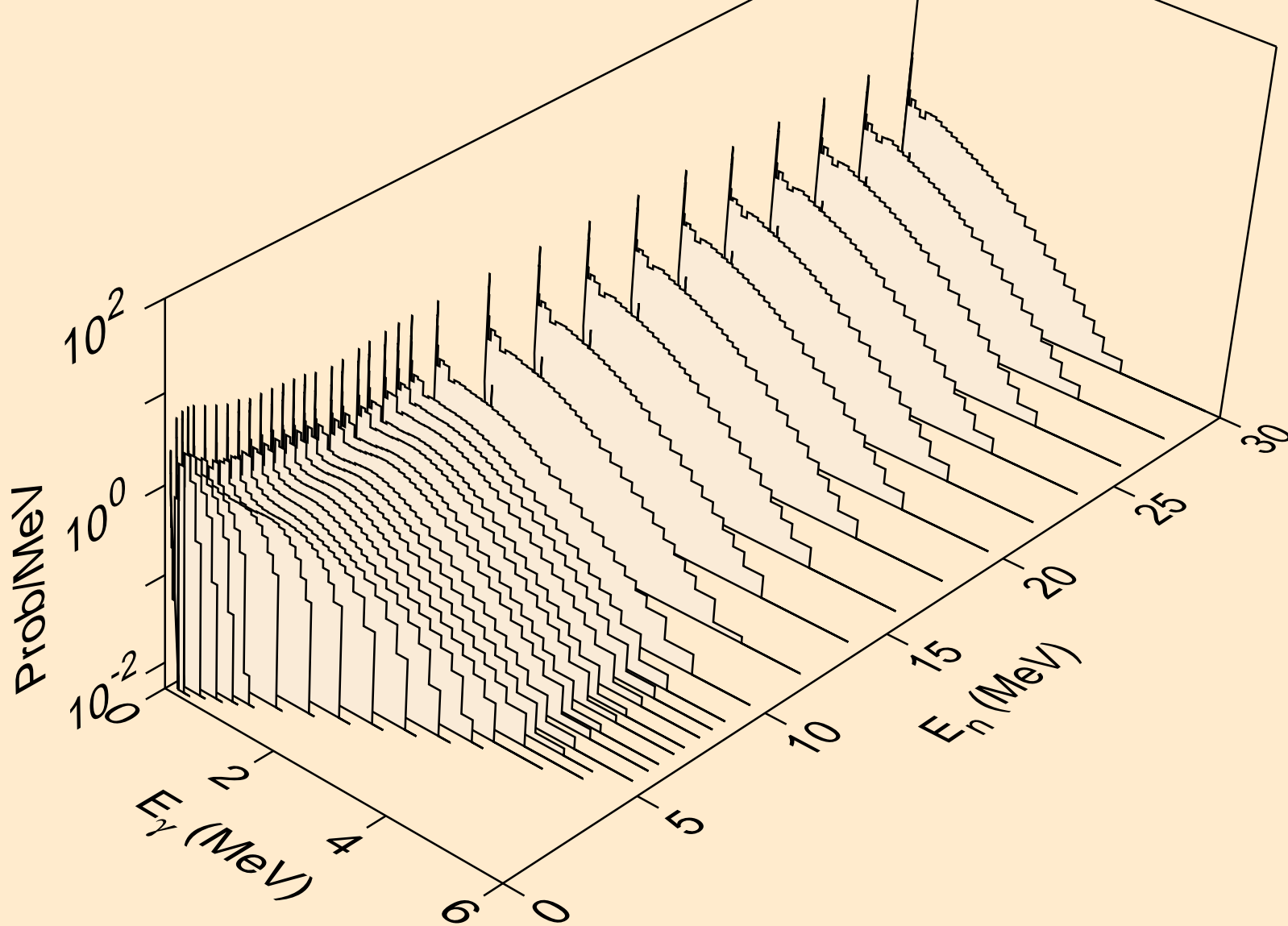
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Photon emission for (n,2np)



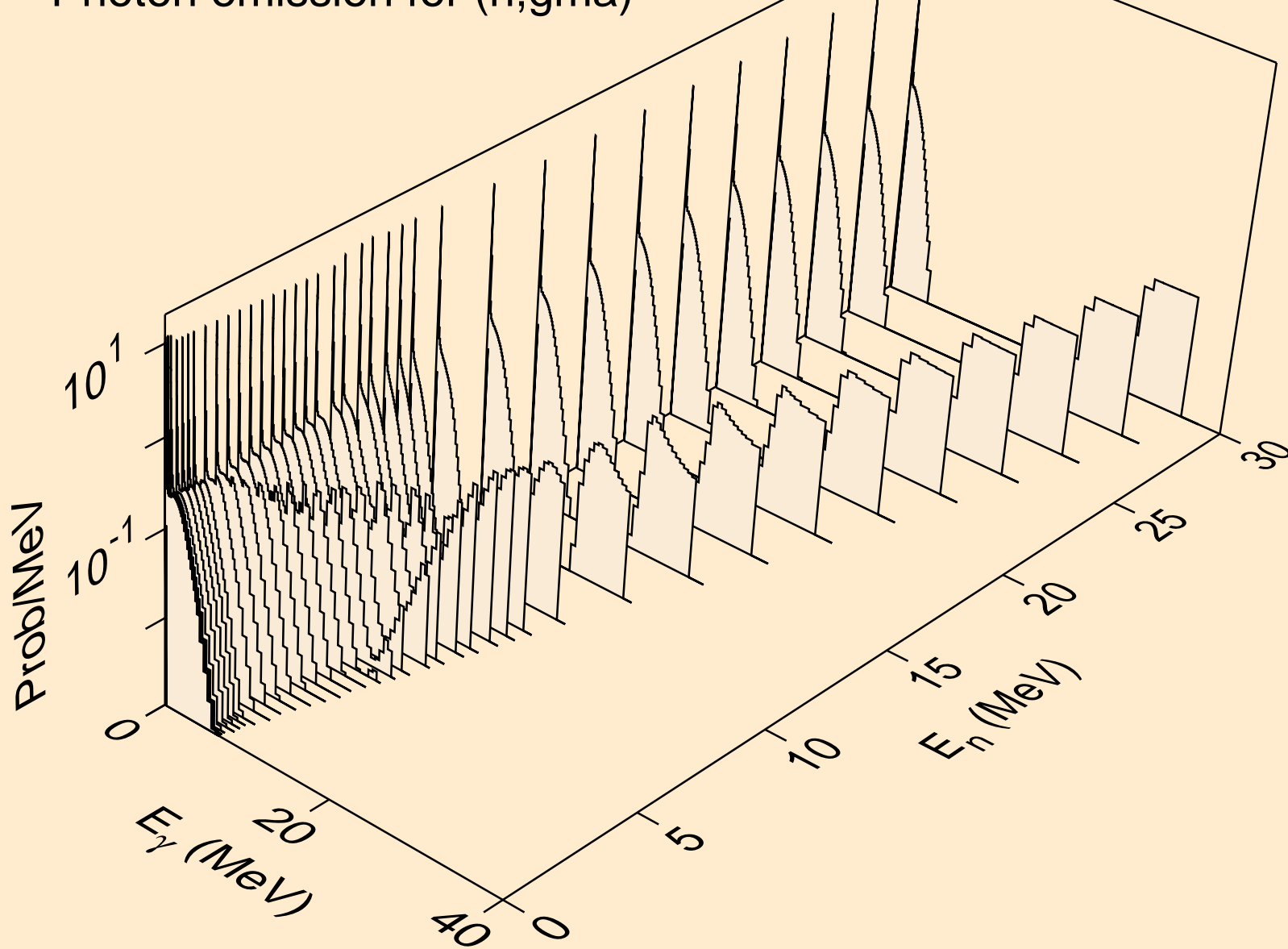
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Photon emission for (n,3np)



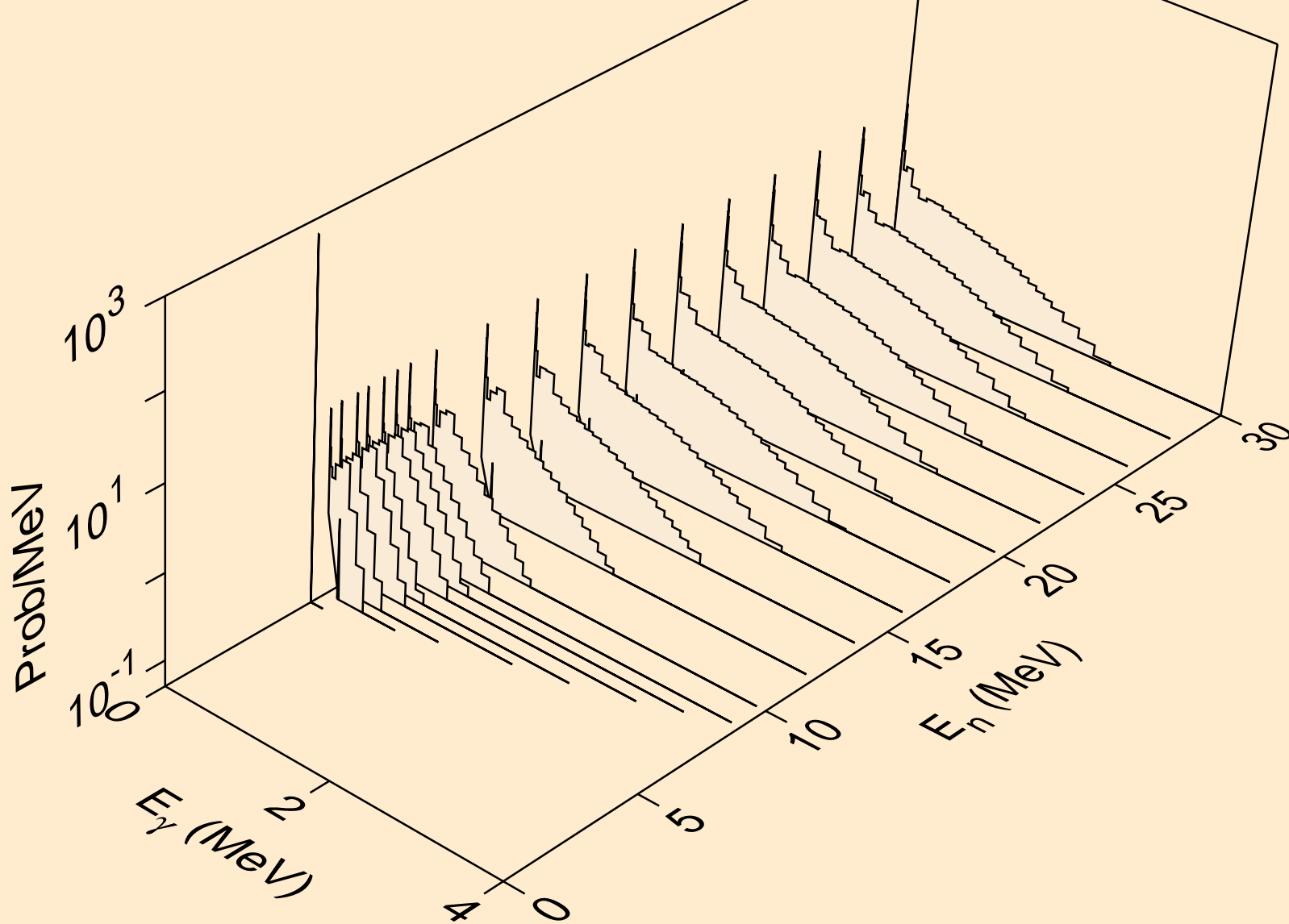
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Photon emission for (n,n\*c)



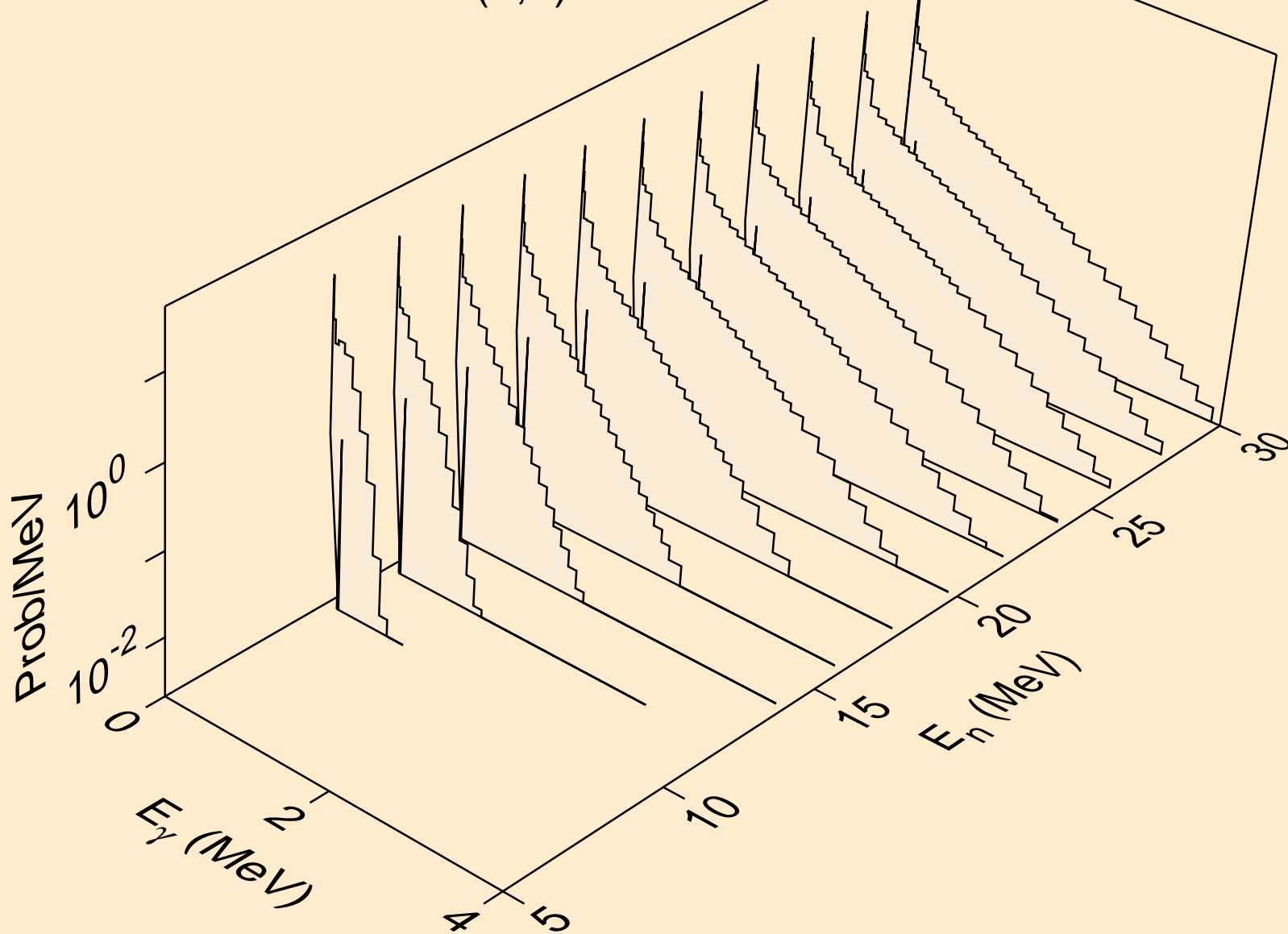
HF185 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,gma)



HF185 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,p)

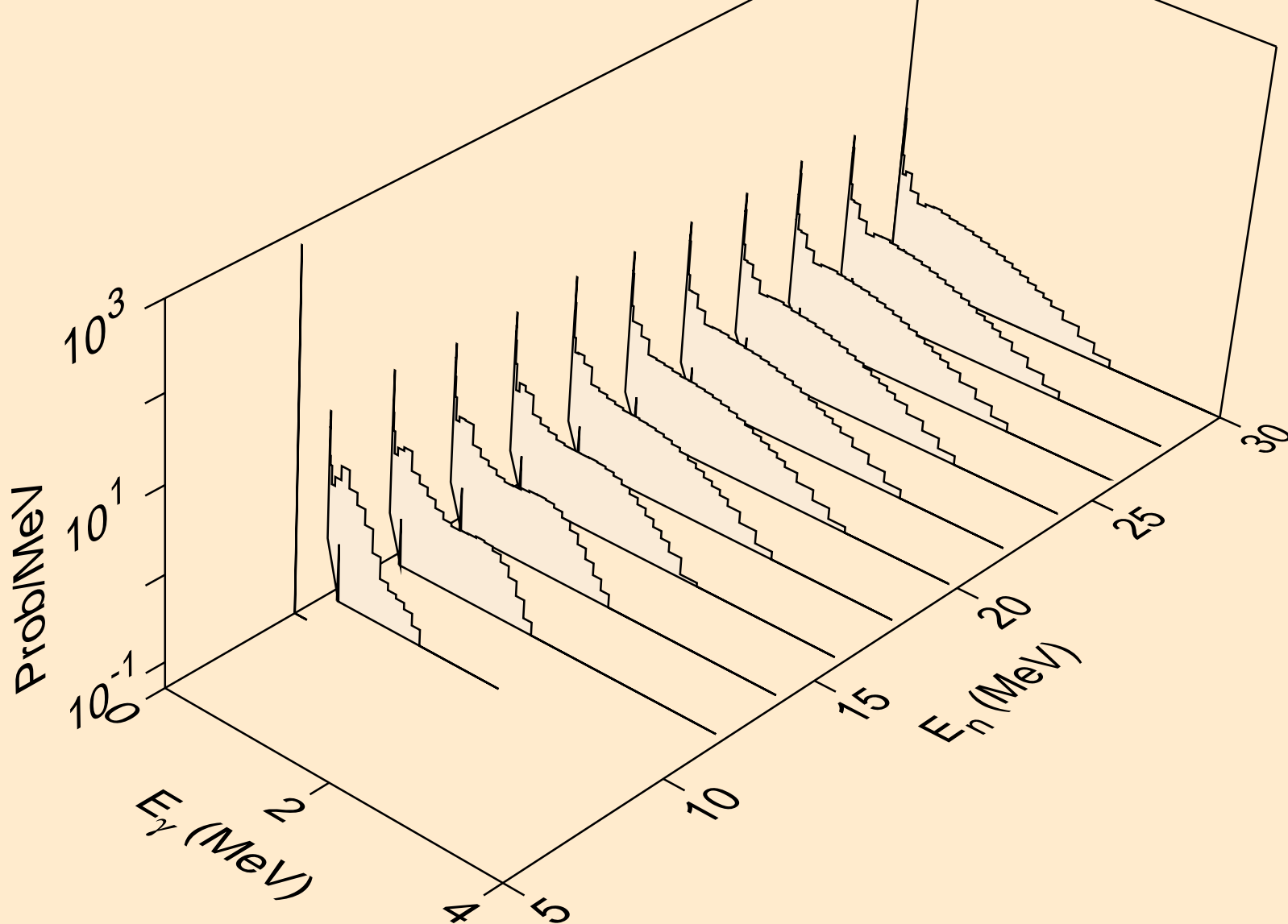


HF185 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,d)

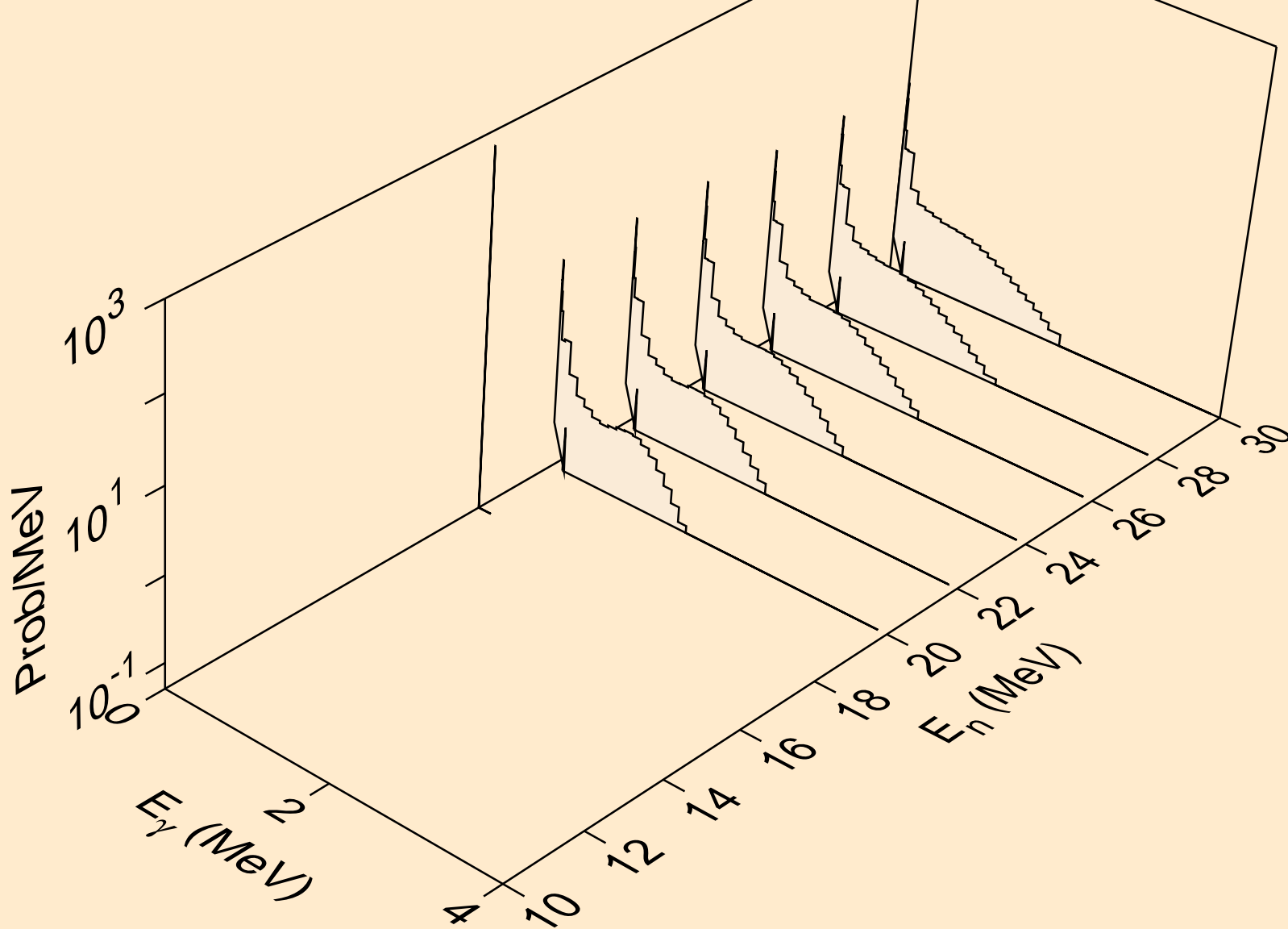




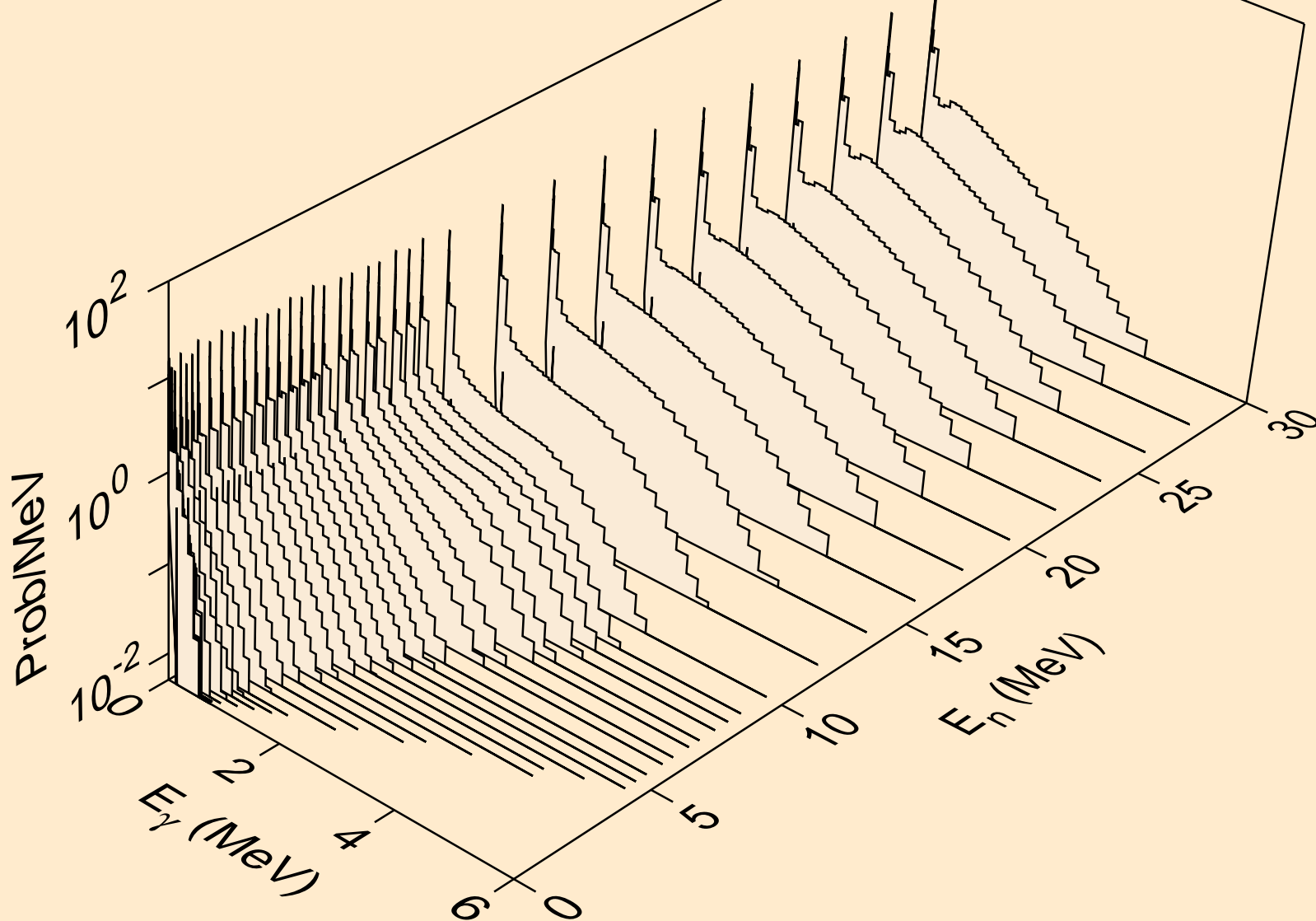
HF185 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,t)



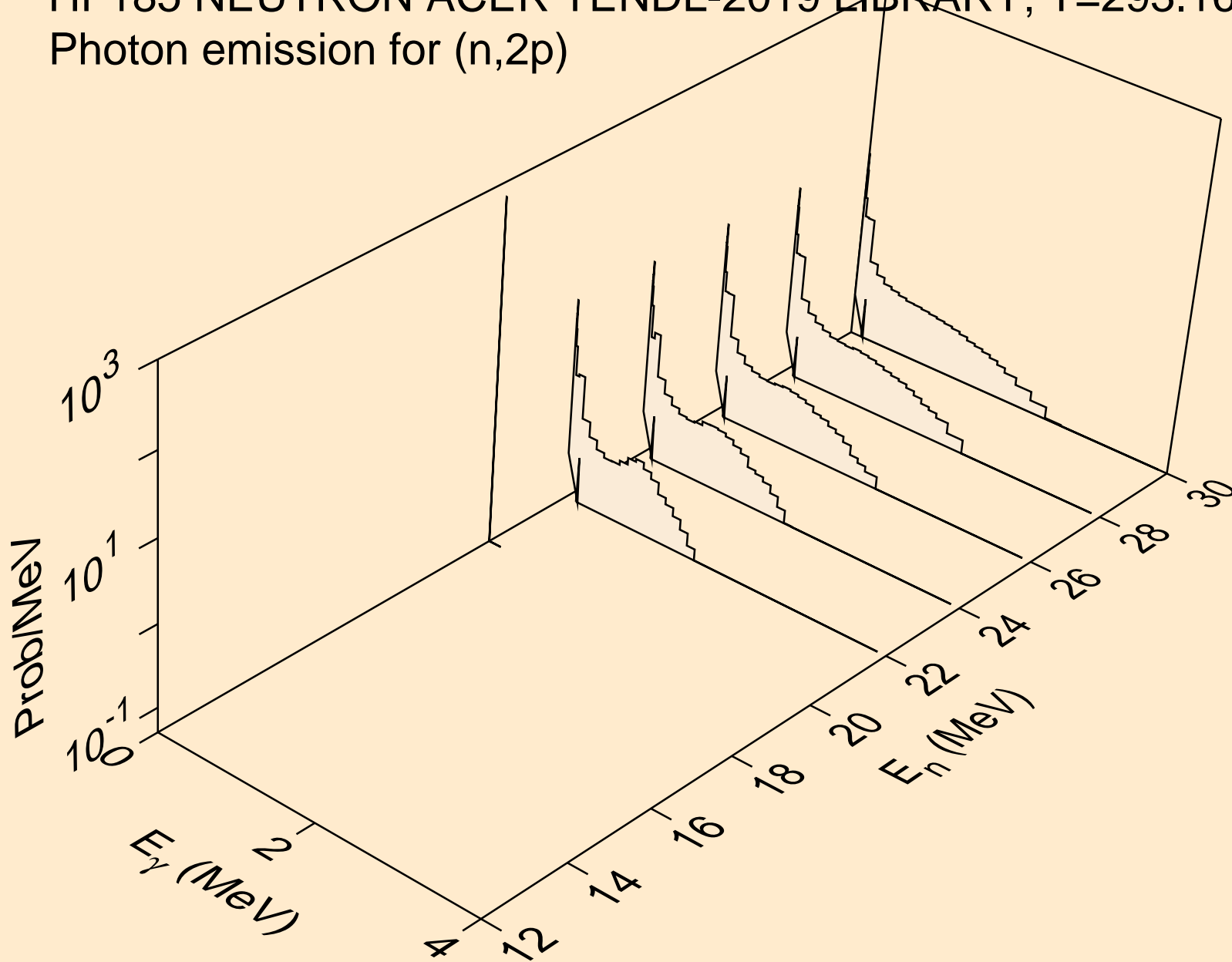
HF185 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,he3)



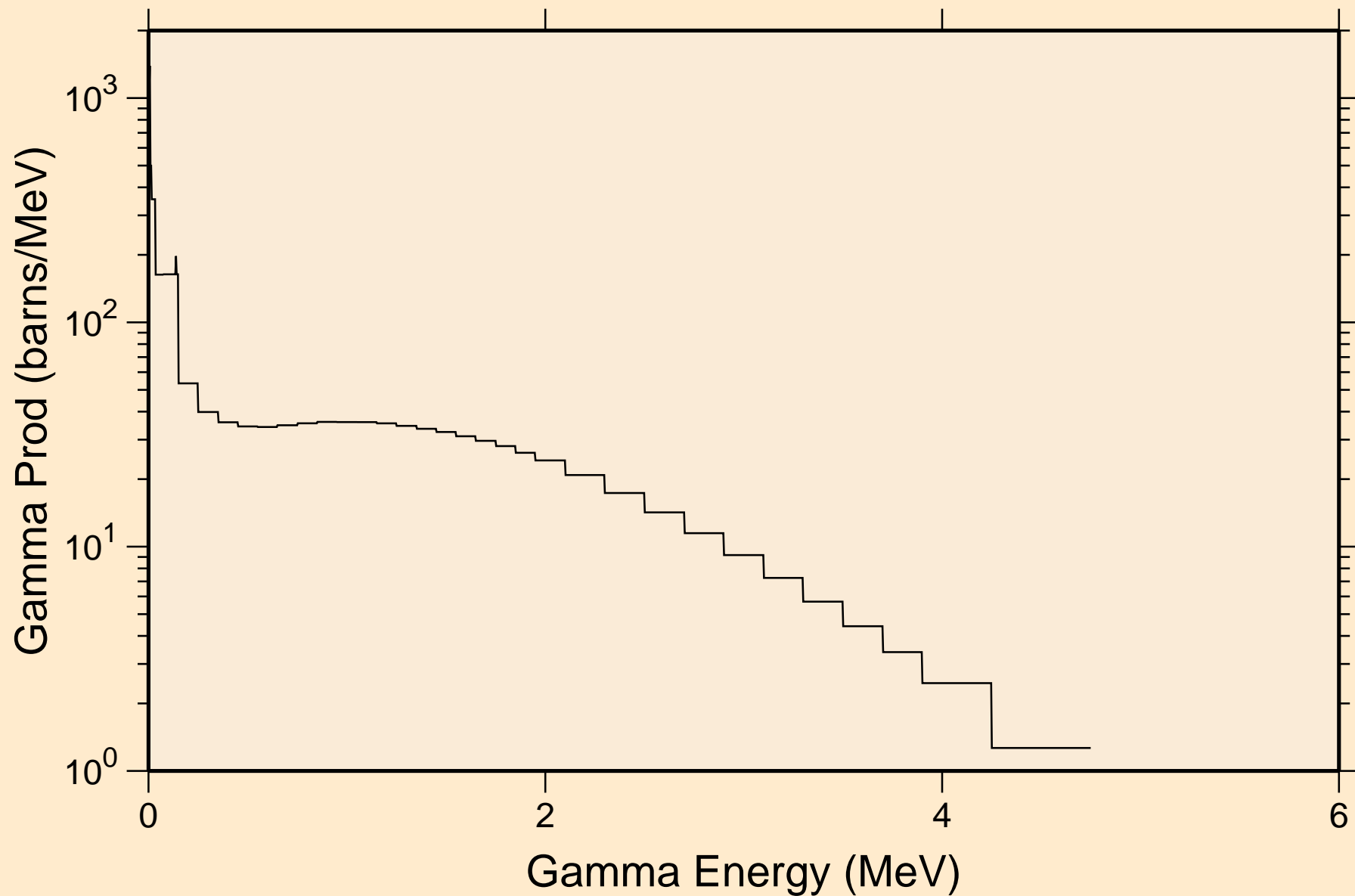
HF185 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,a)



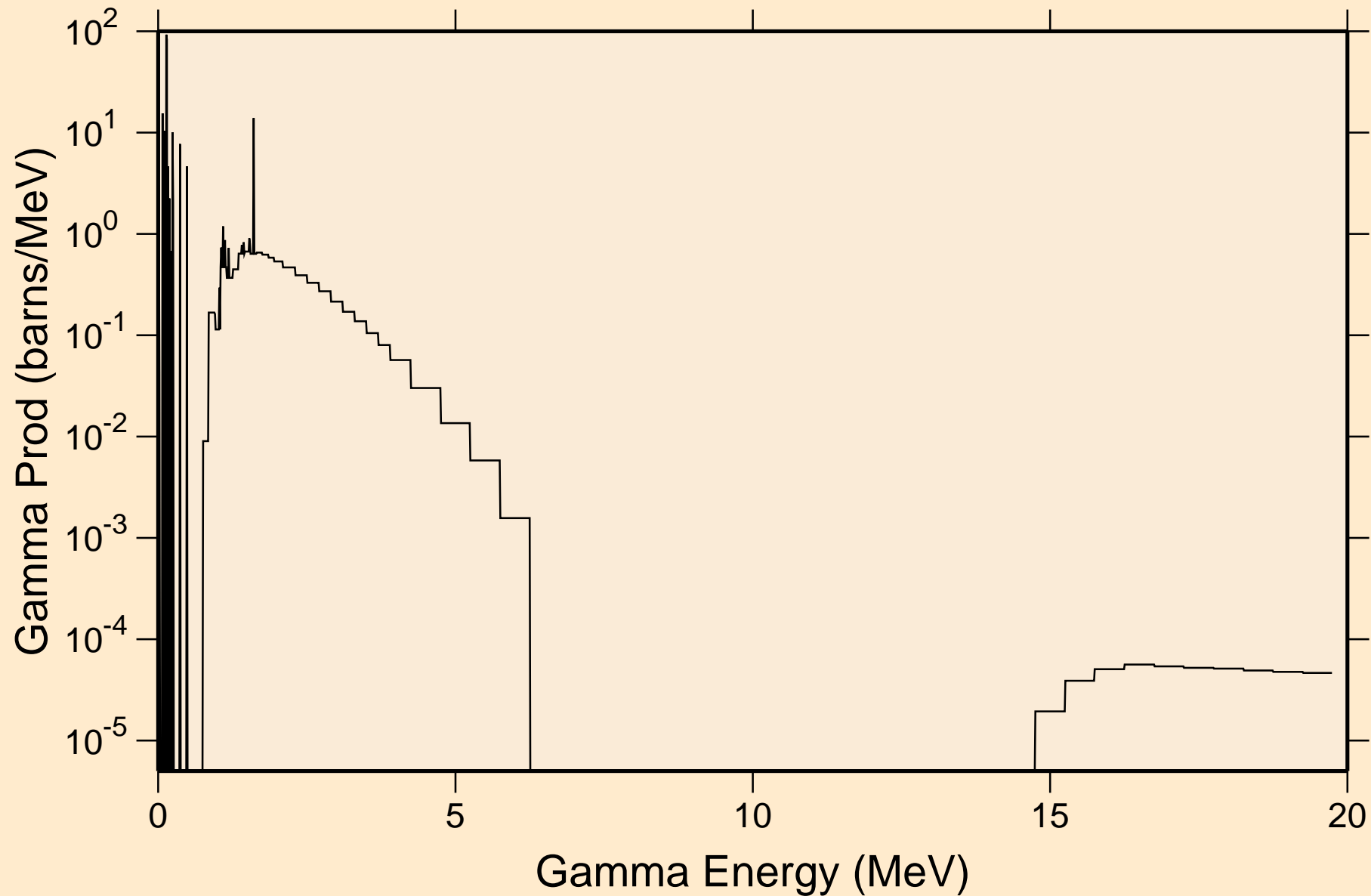
HF185 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2p)



HF185 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
thermal capture photon spectrum

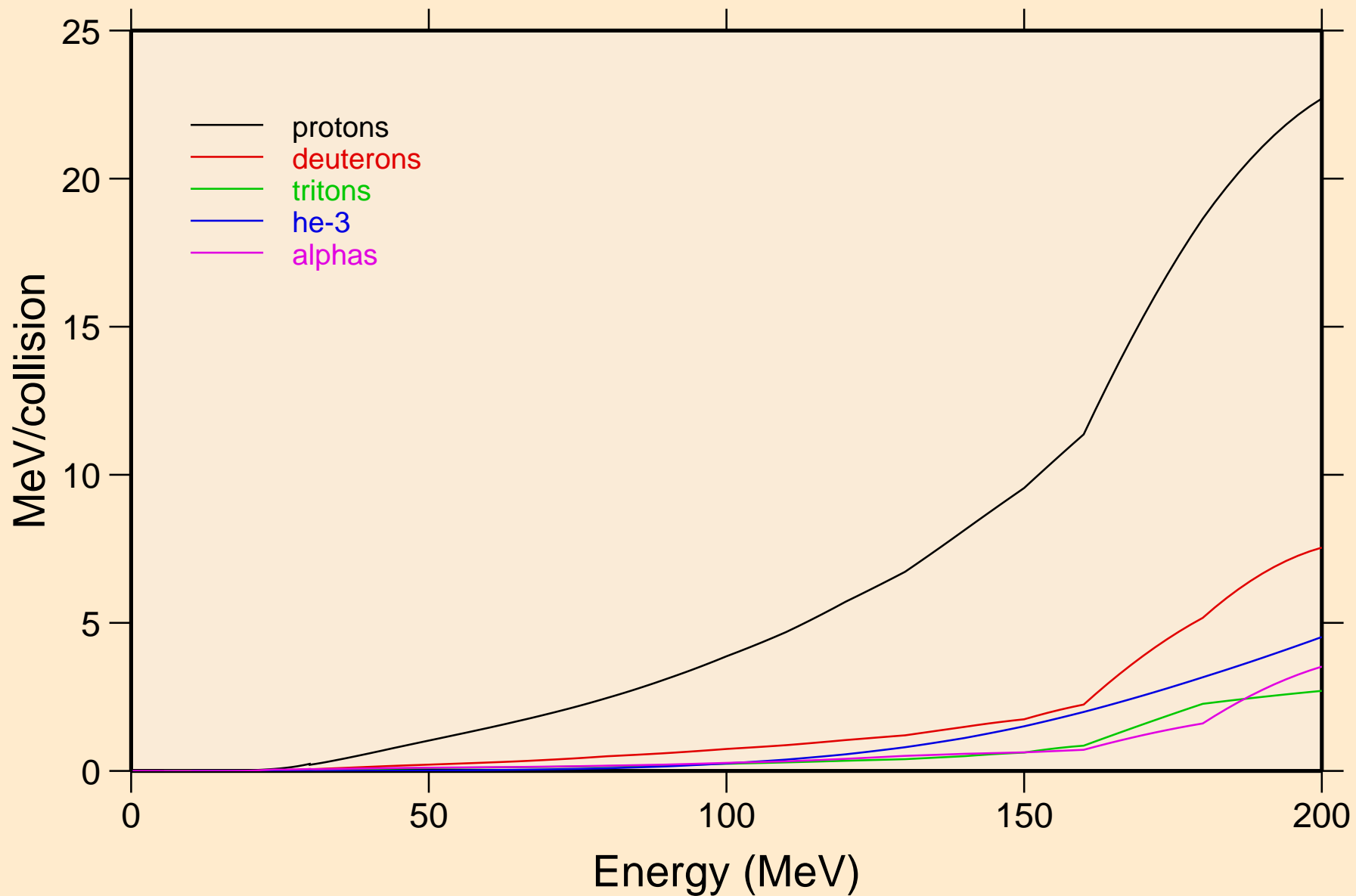


HF185 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
14 MeV photon spectrum

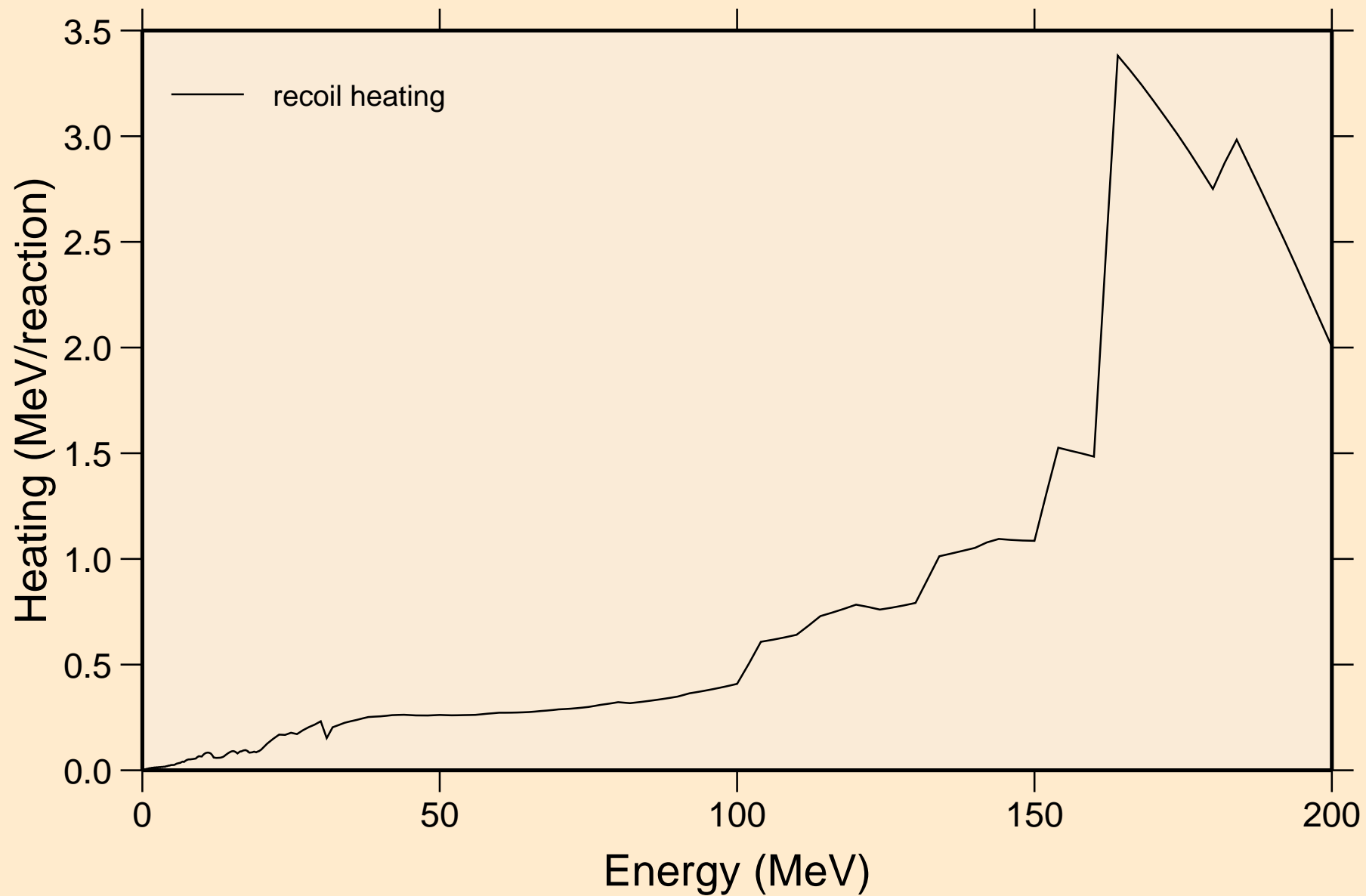


# HF185 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

## Particle heating contributions



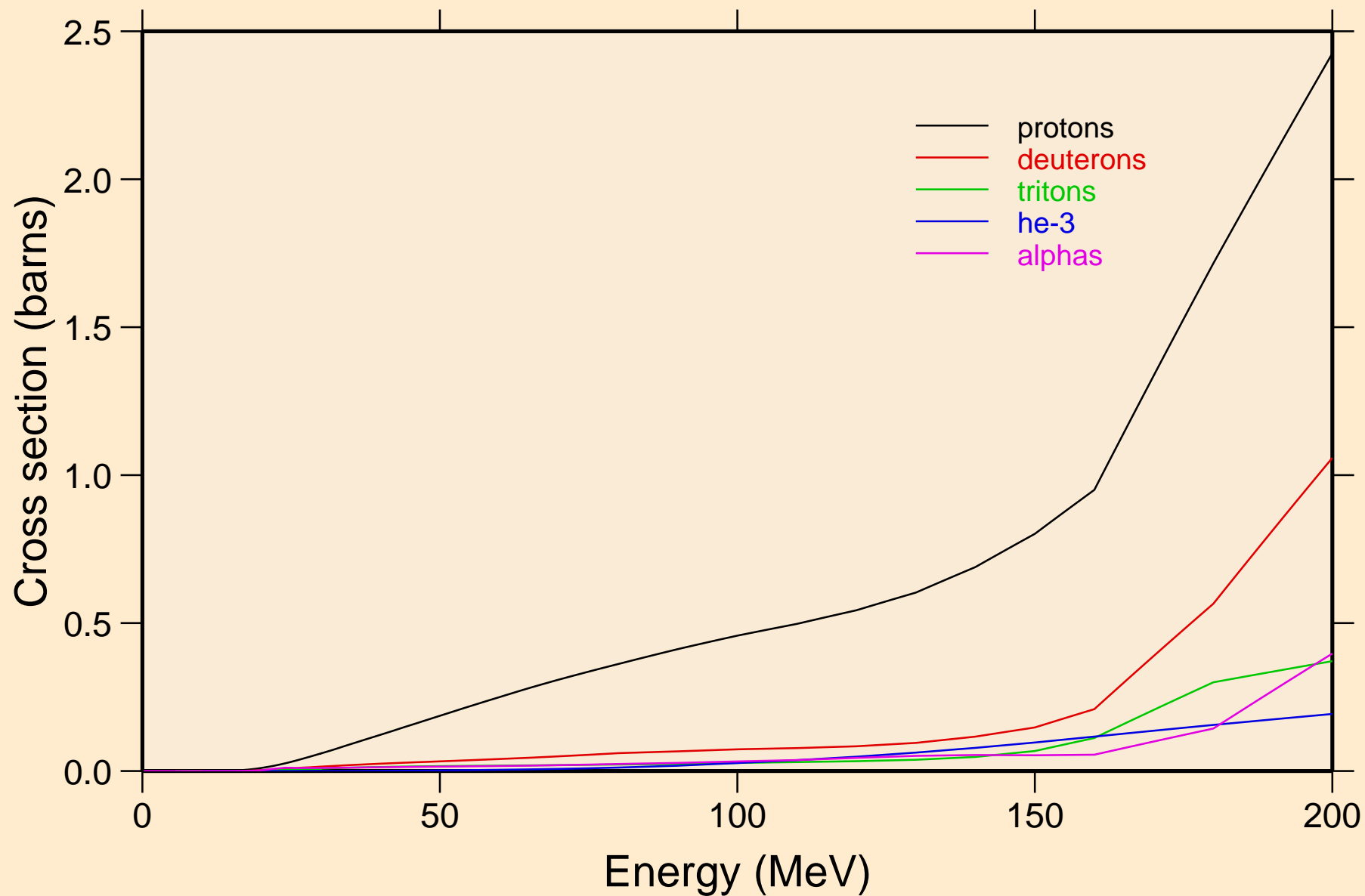
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Recoil Heating



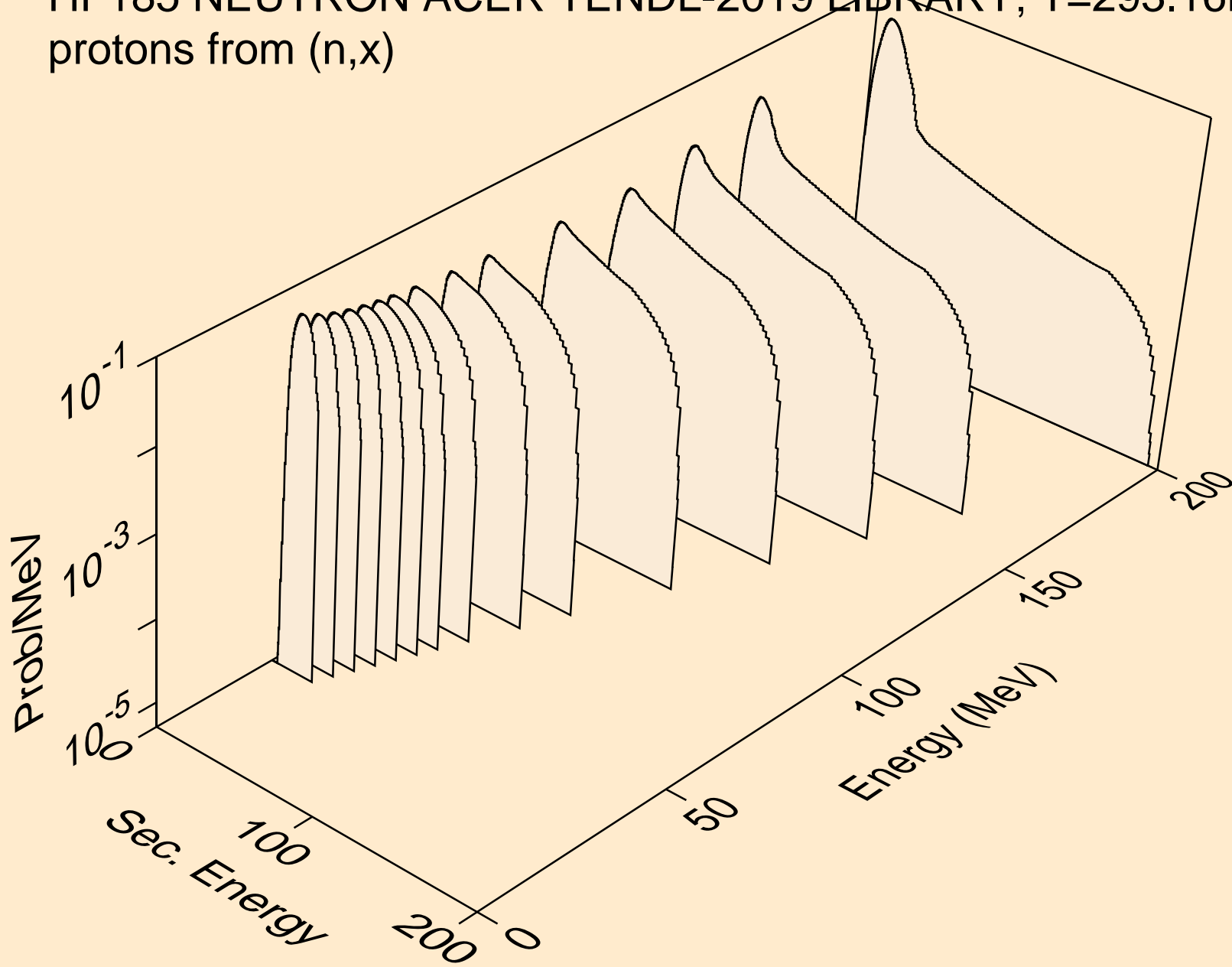


# HF185 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

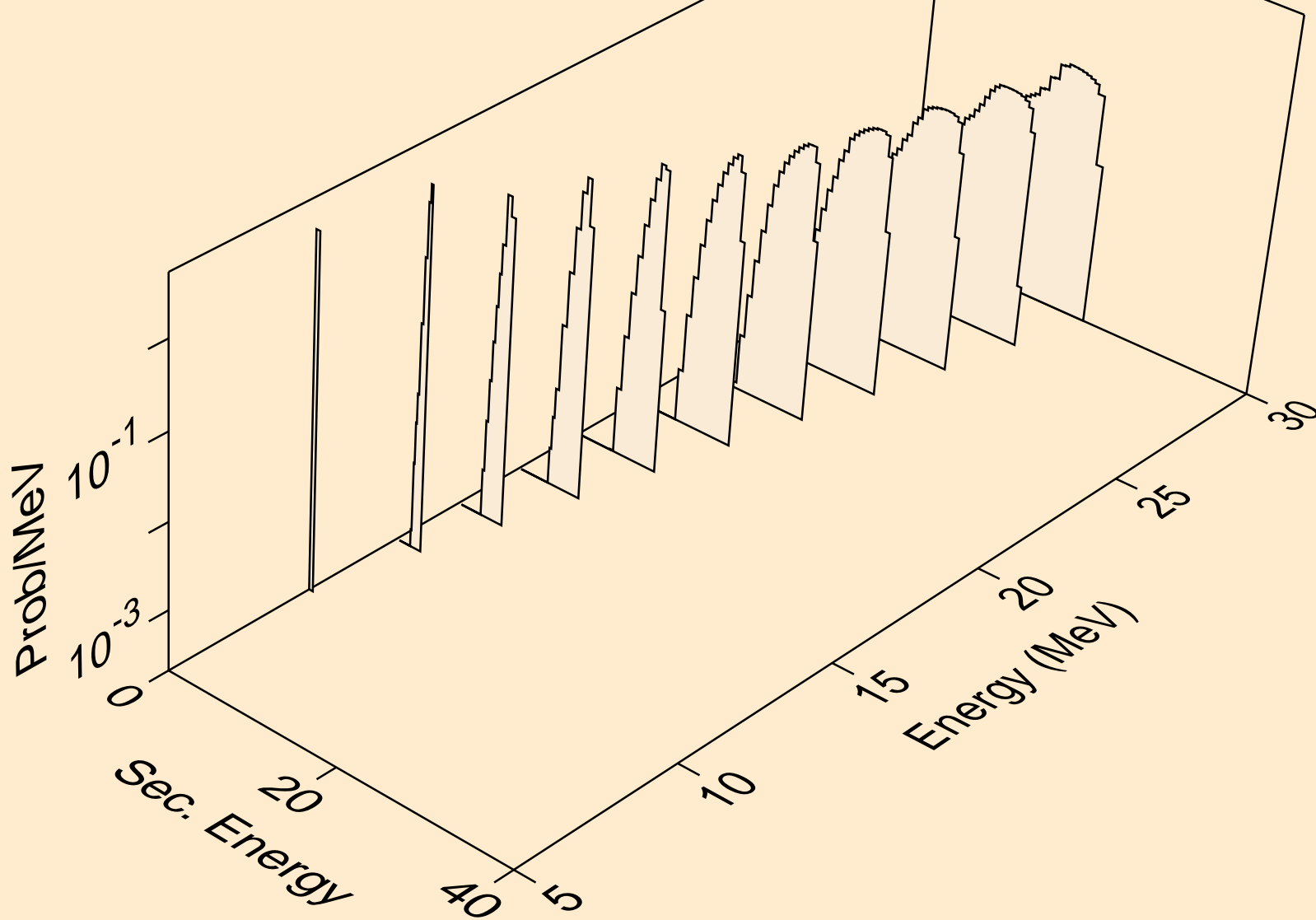
## Particle production cross sections



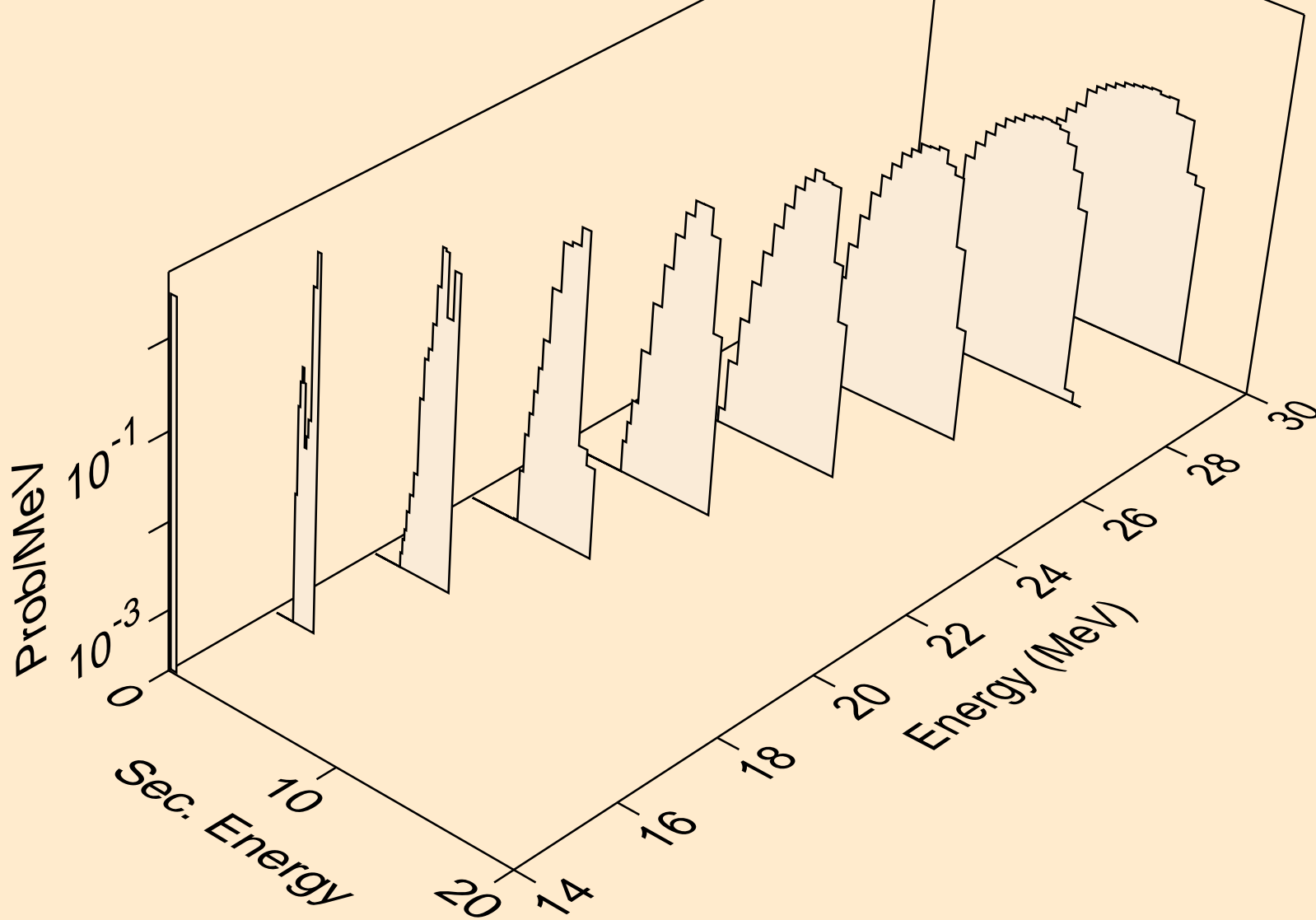
HF185 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,x)



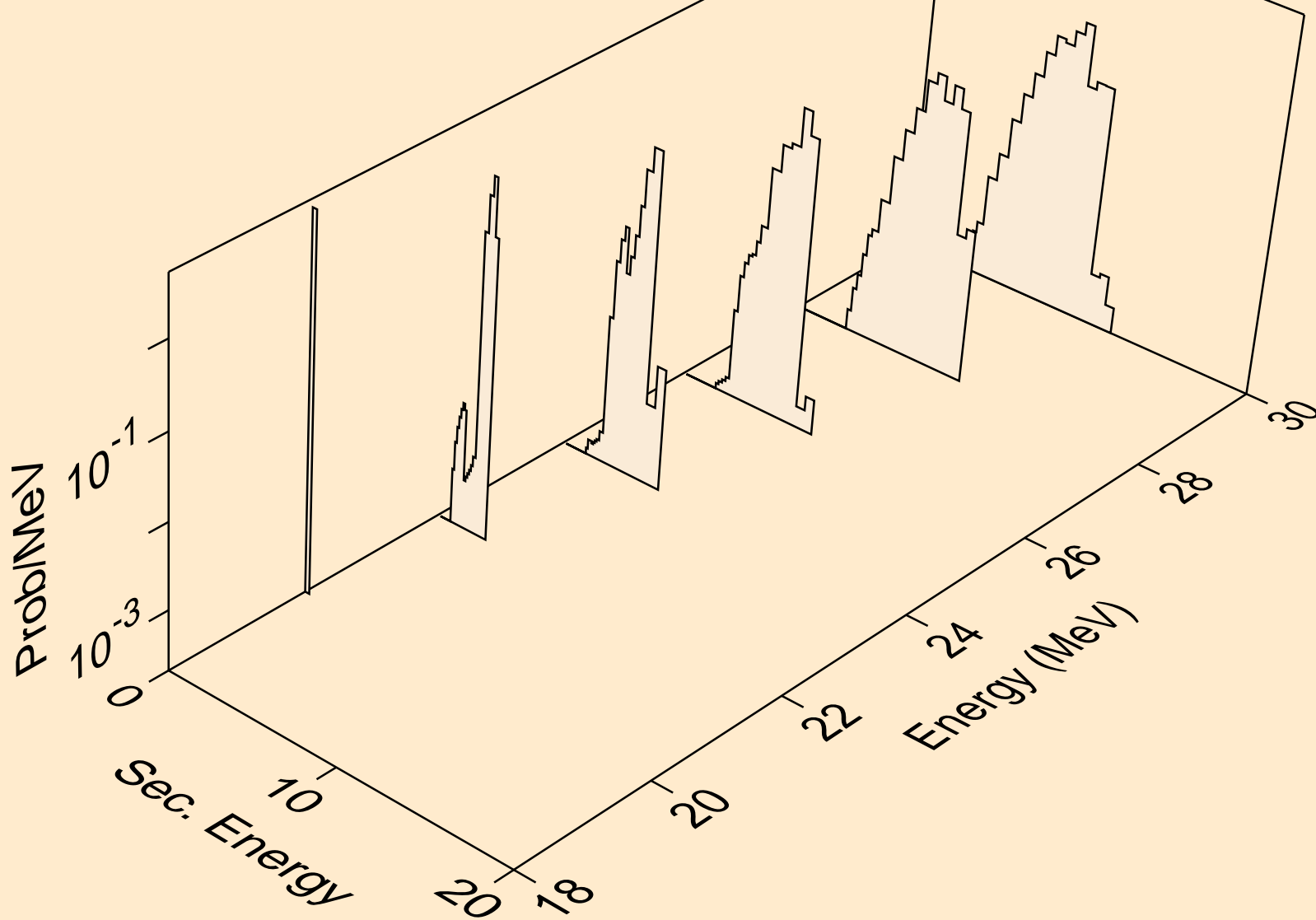
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protons from (n,n\*)p



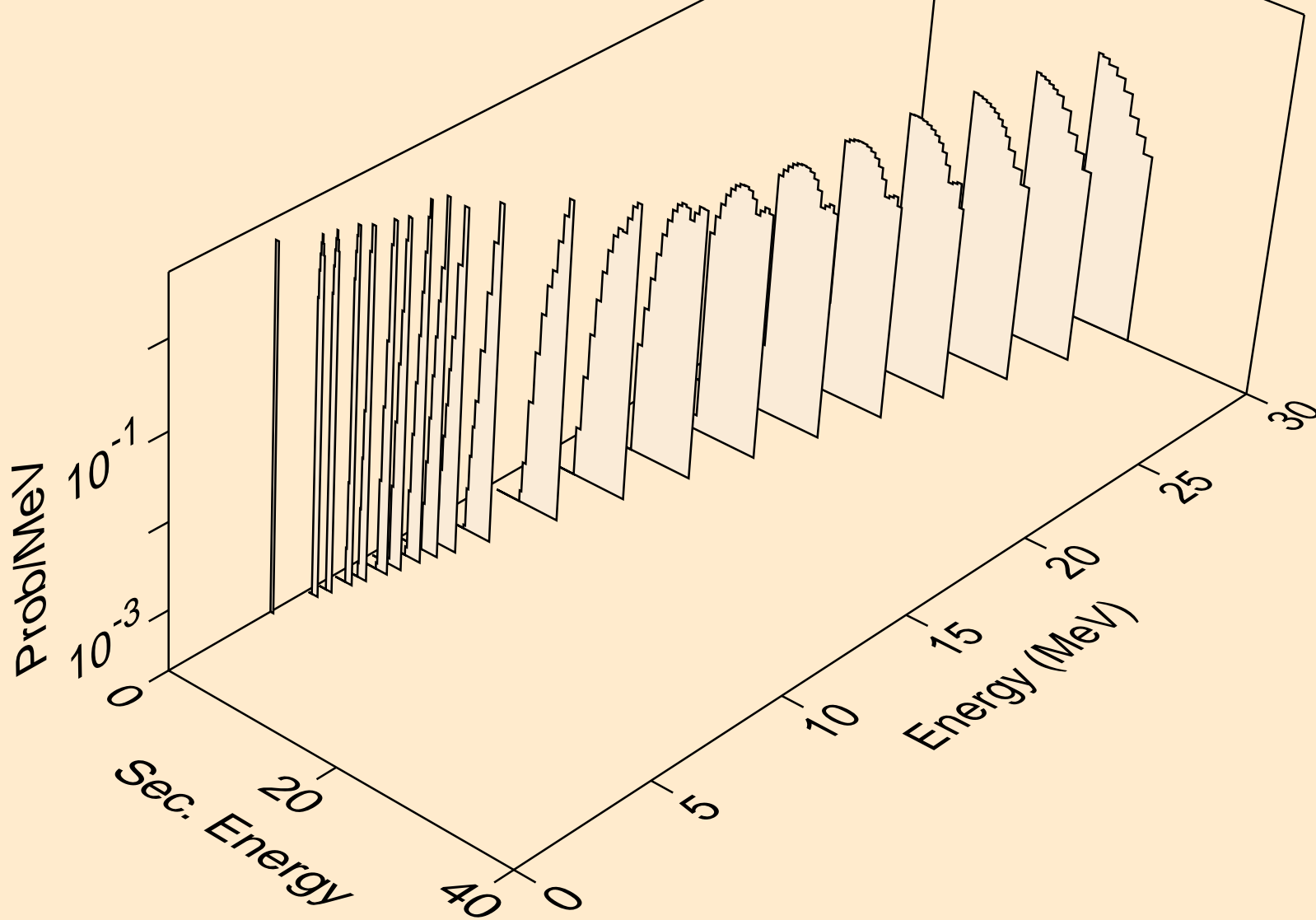
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protons from (n,2np)



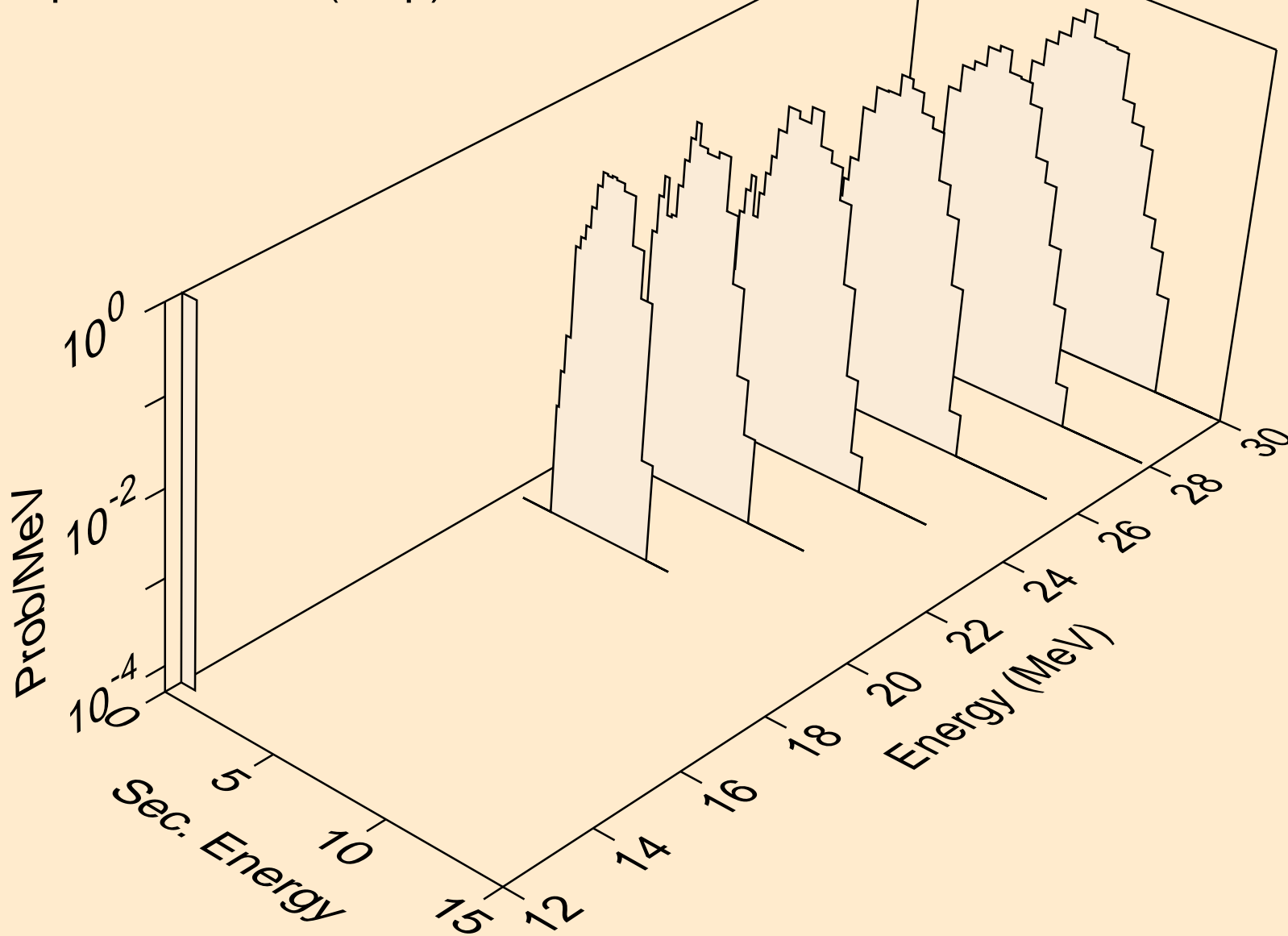
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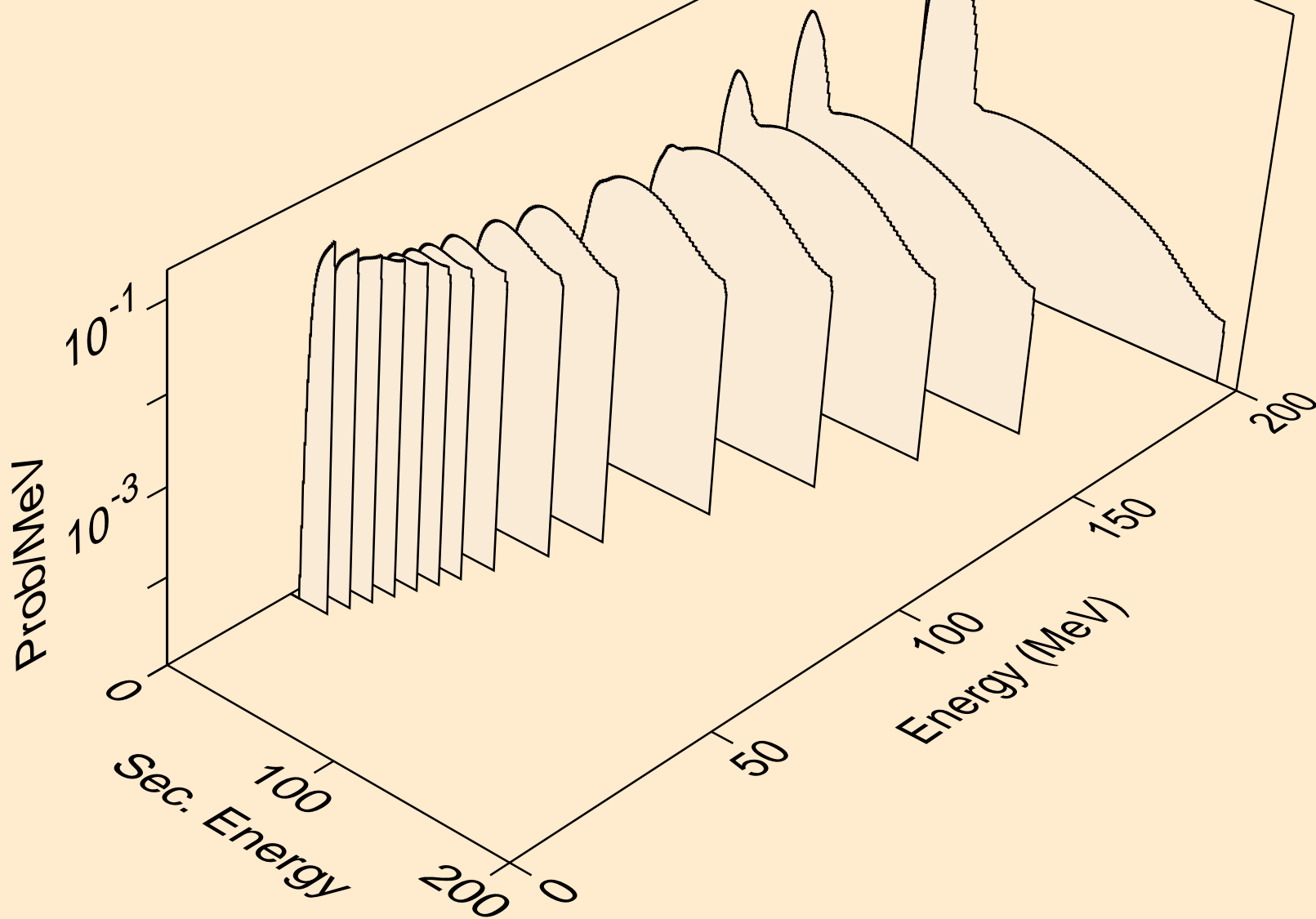
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protons from (n,p)



HF185 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
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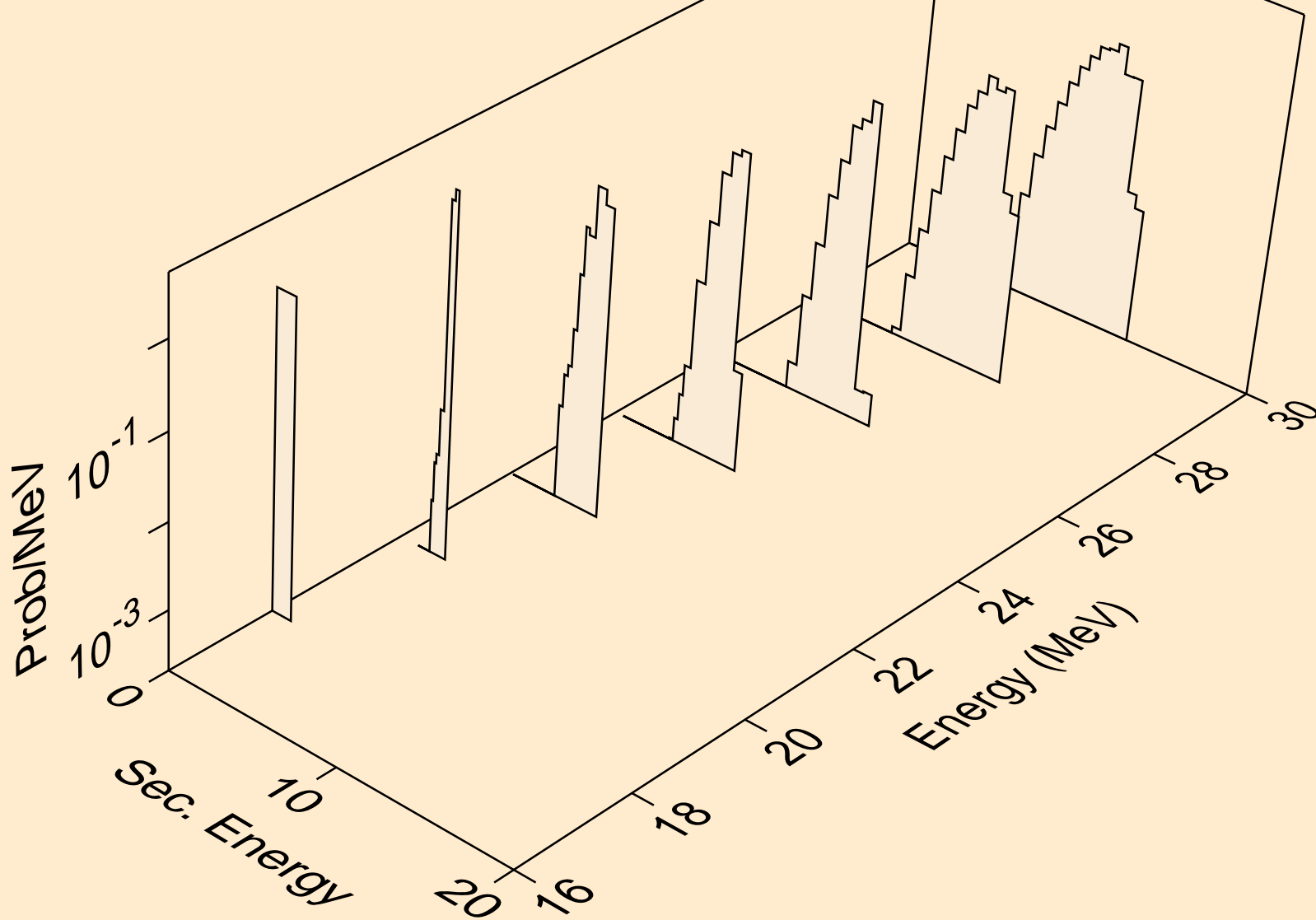


HF185 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
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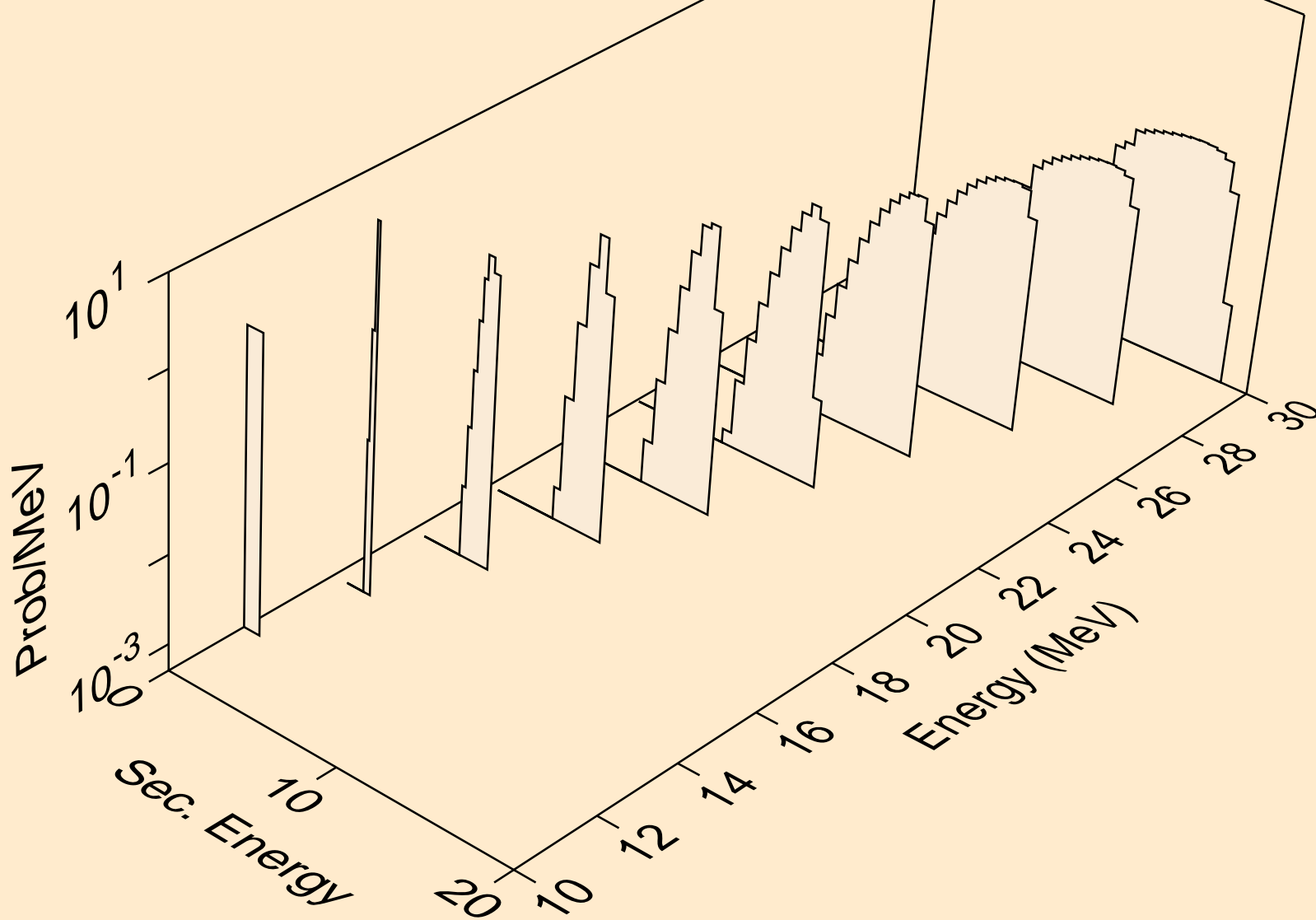




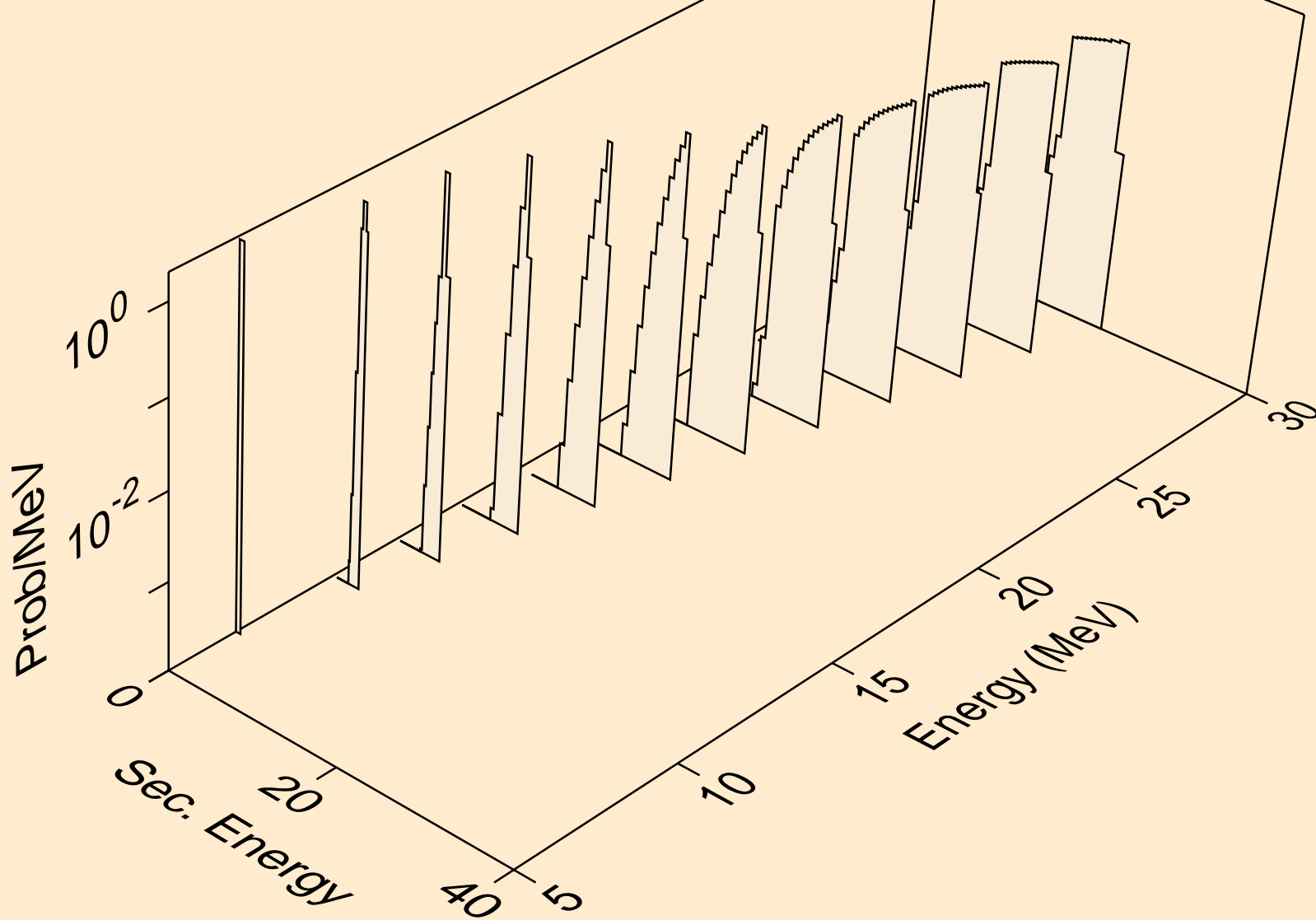
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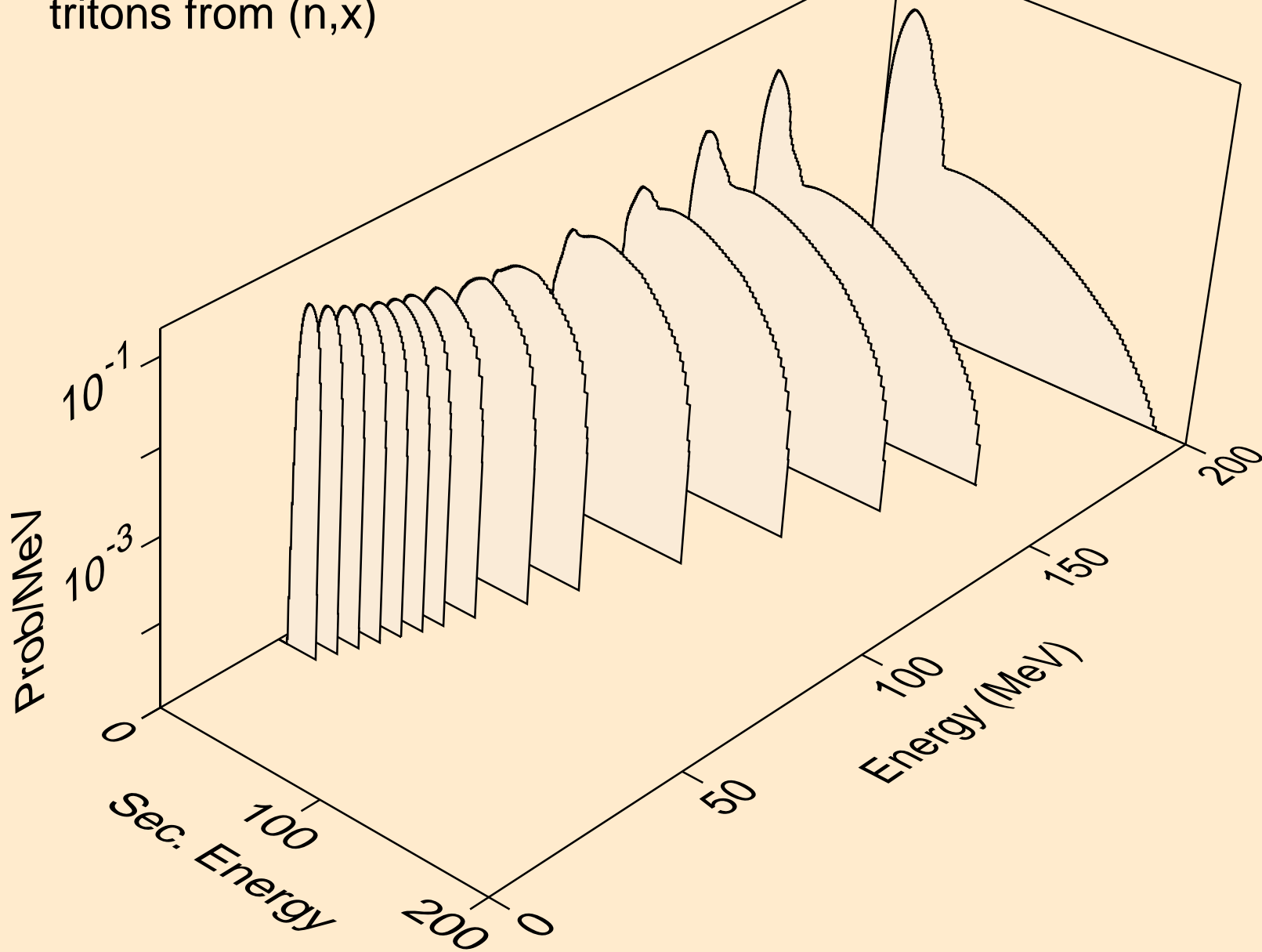
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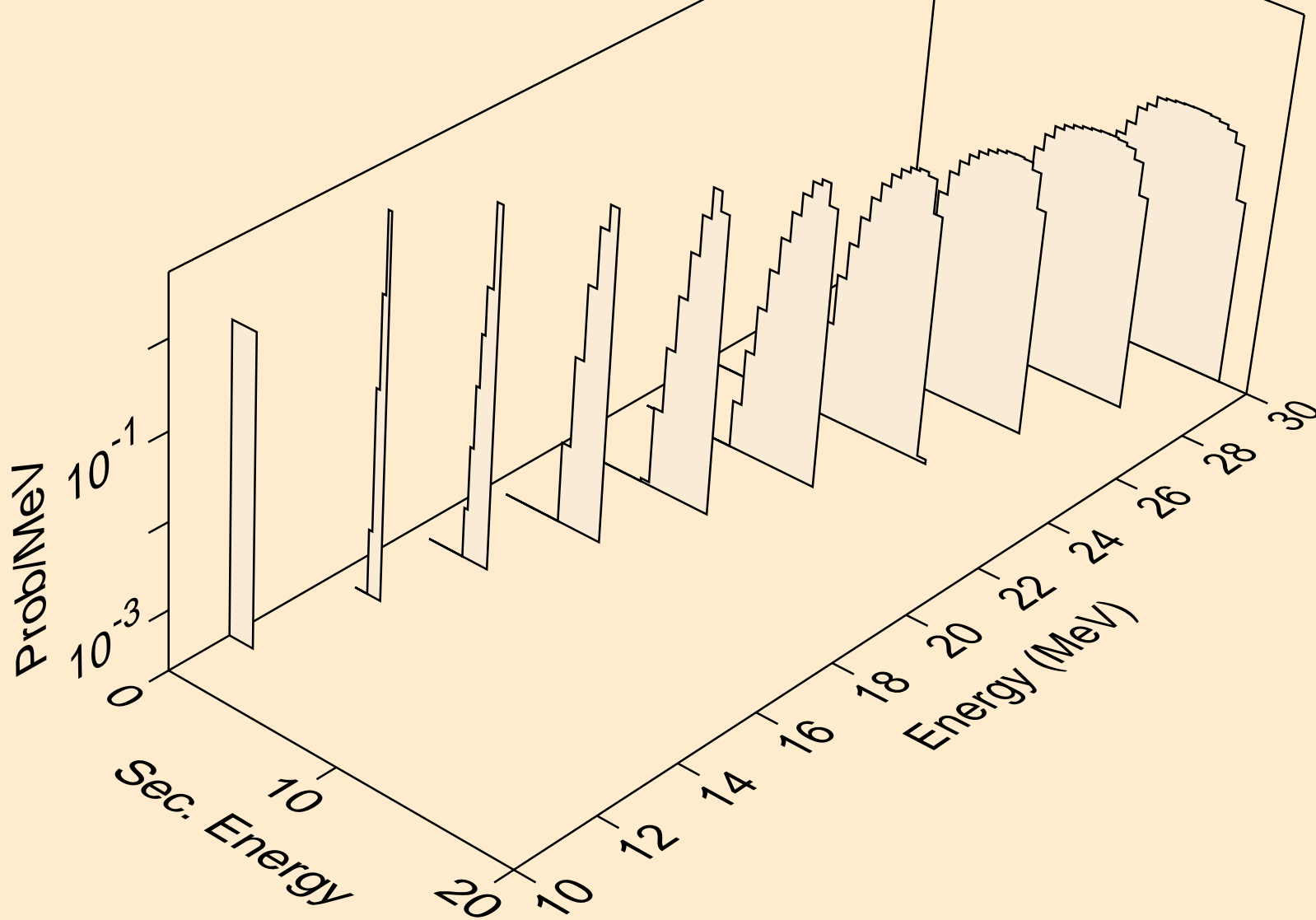
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deuterons from (n,d)



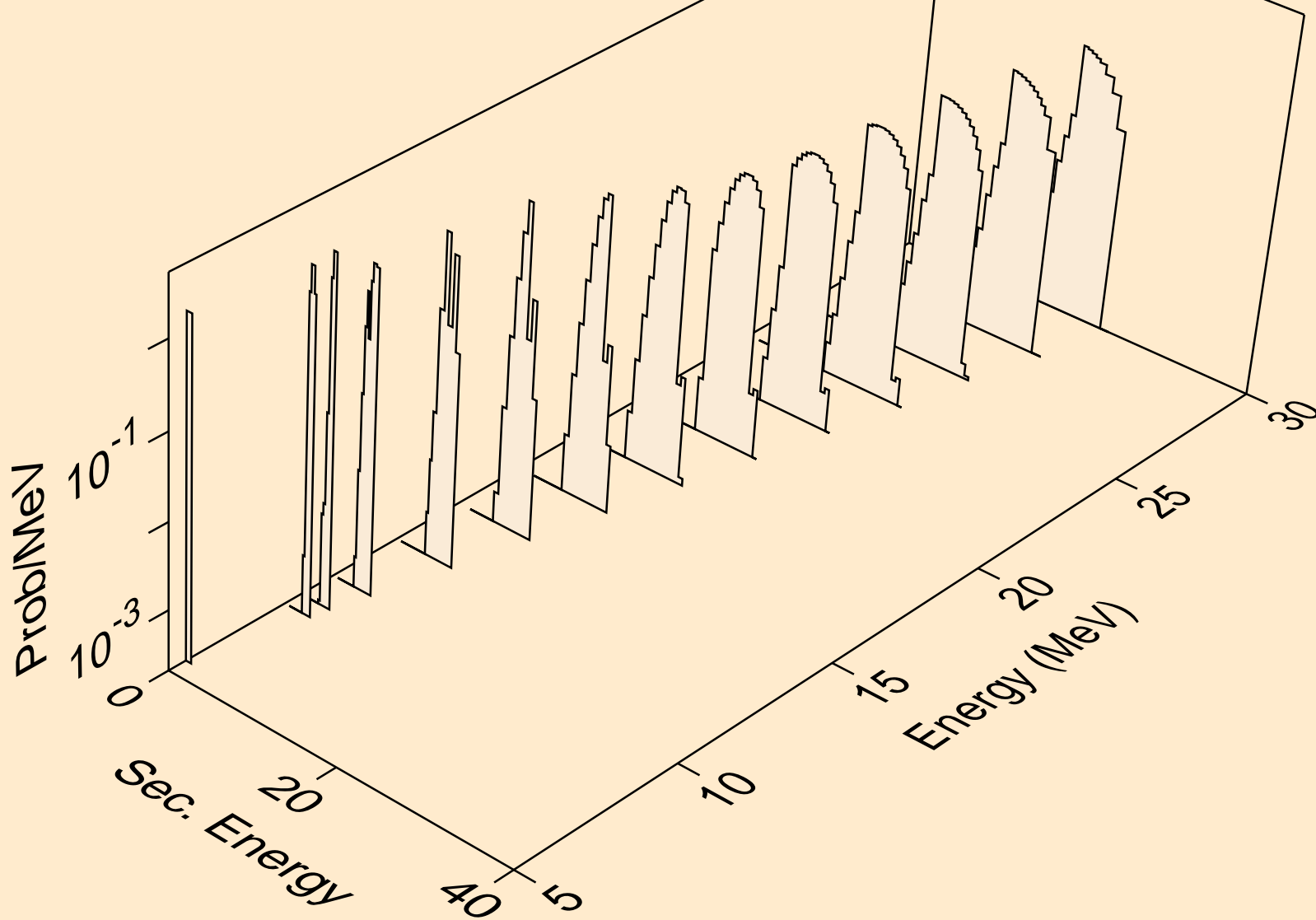
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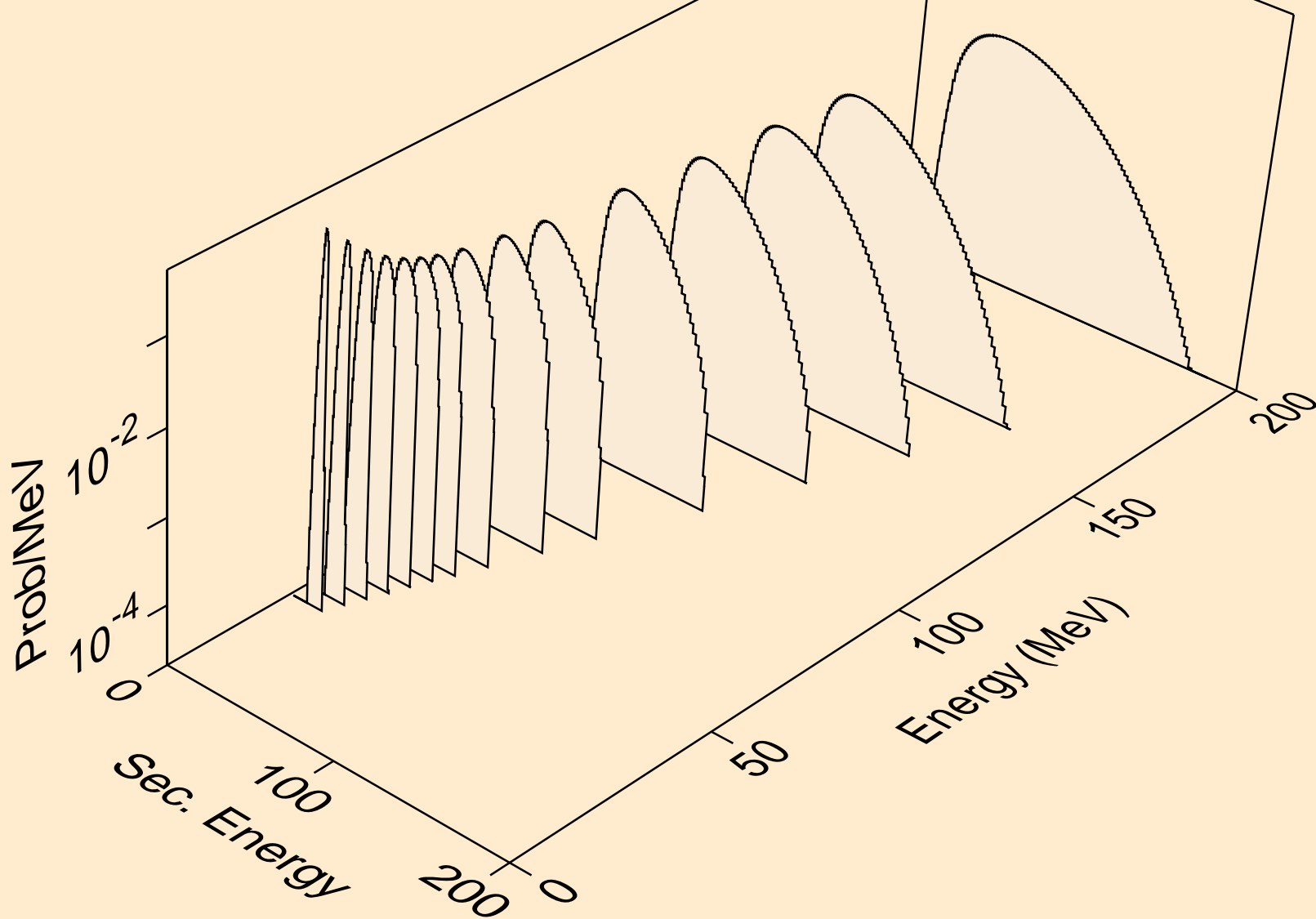
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tritons from (n,n\*)t



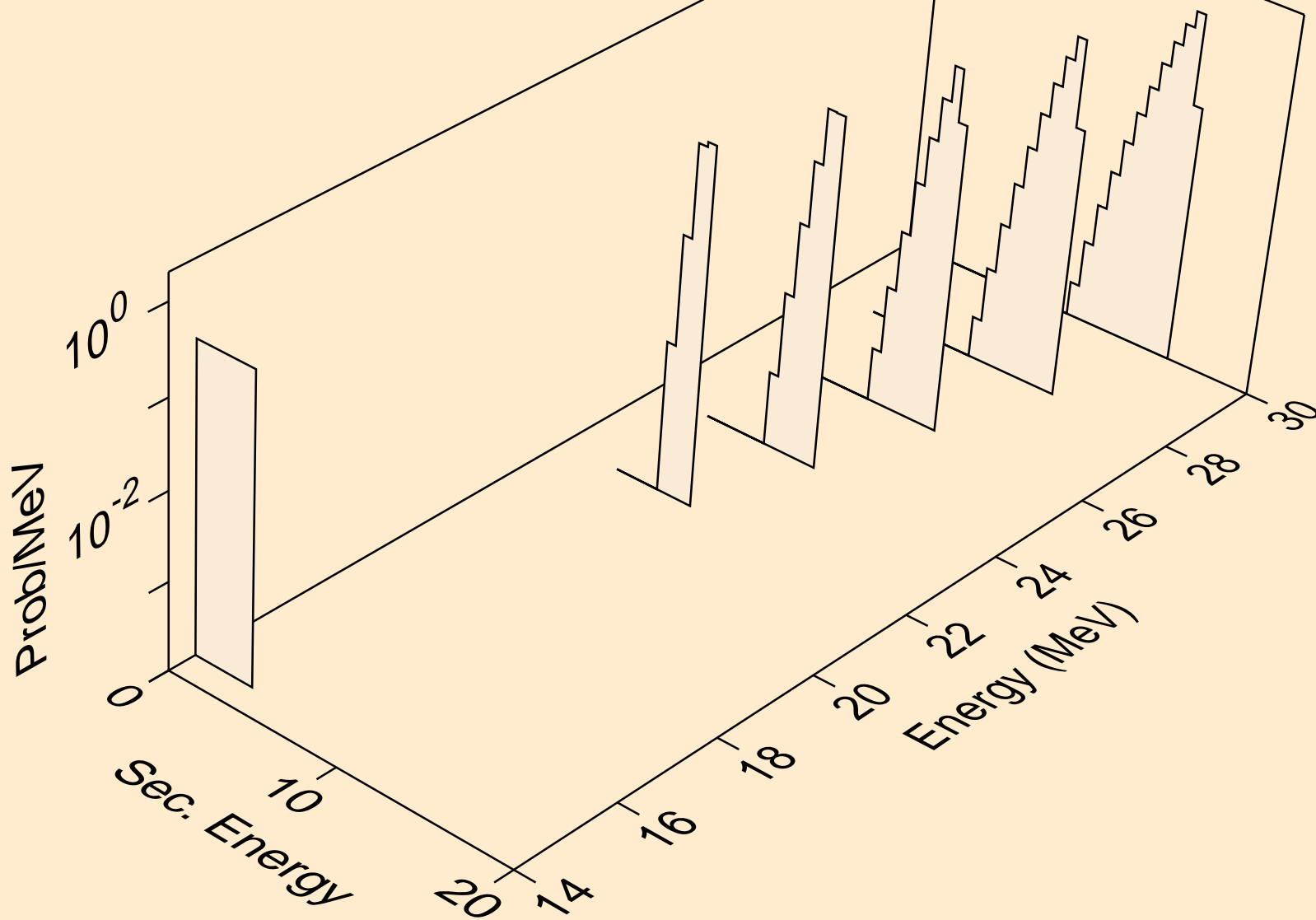
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tritons from (n,t)



HF185 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,x)

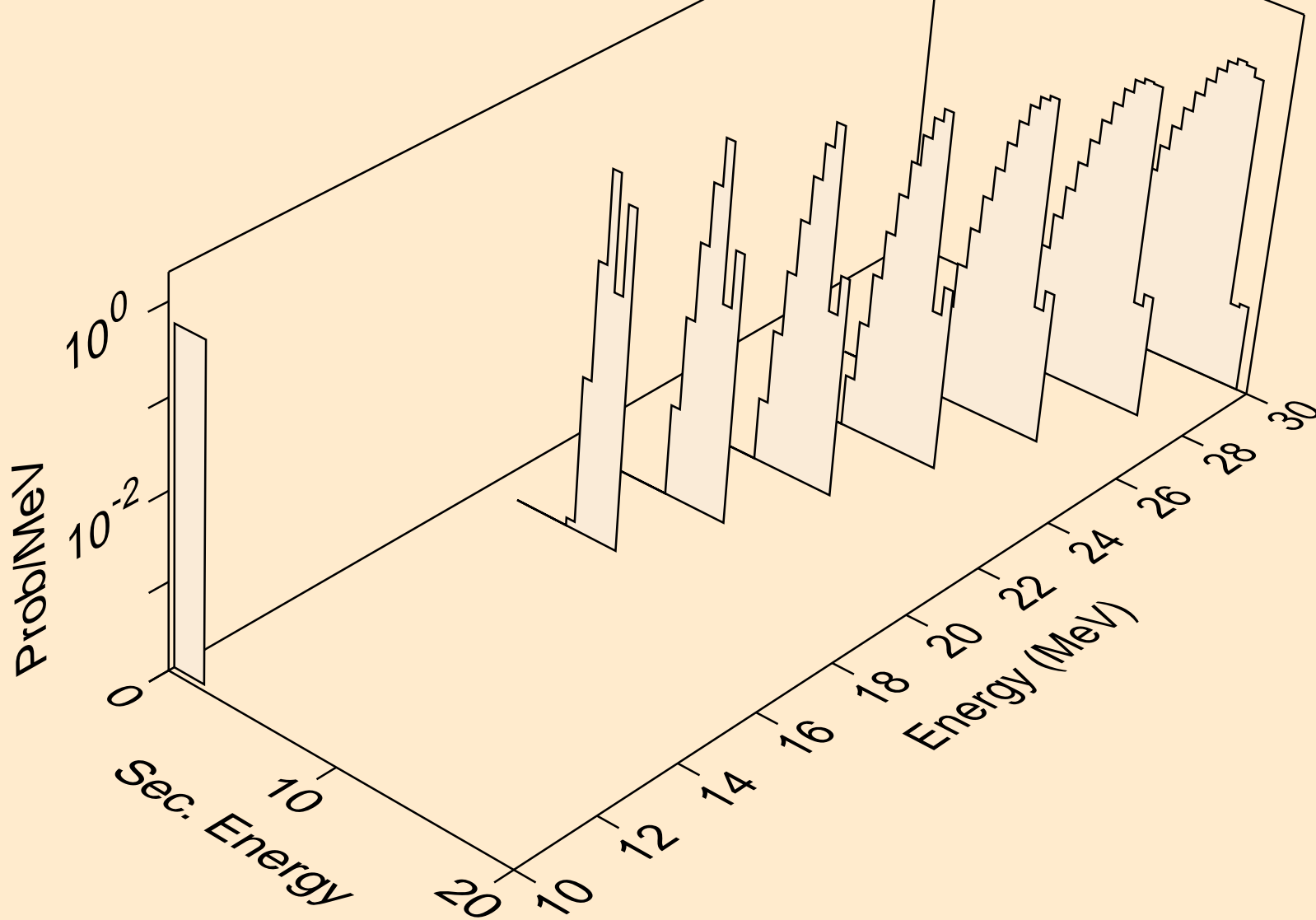


HF185 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,n\*)he3

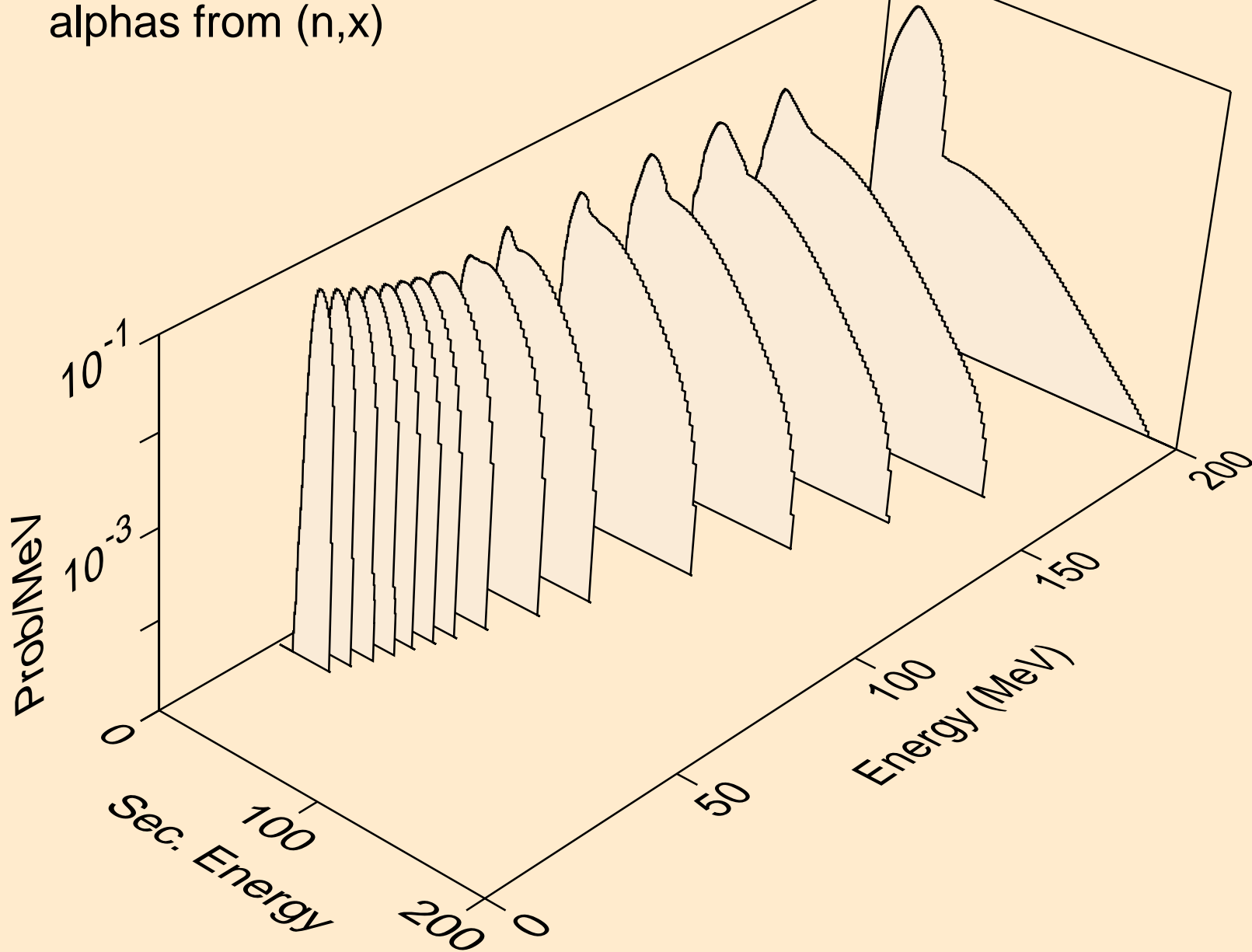




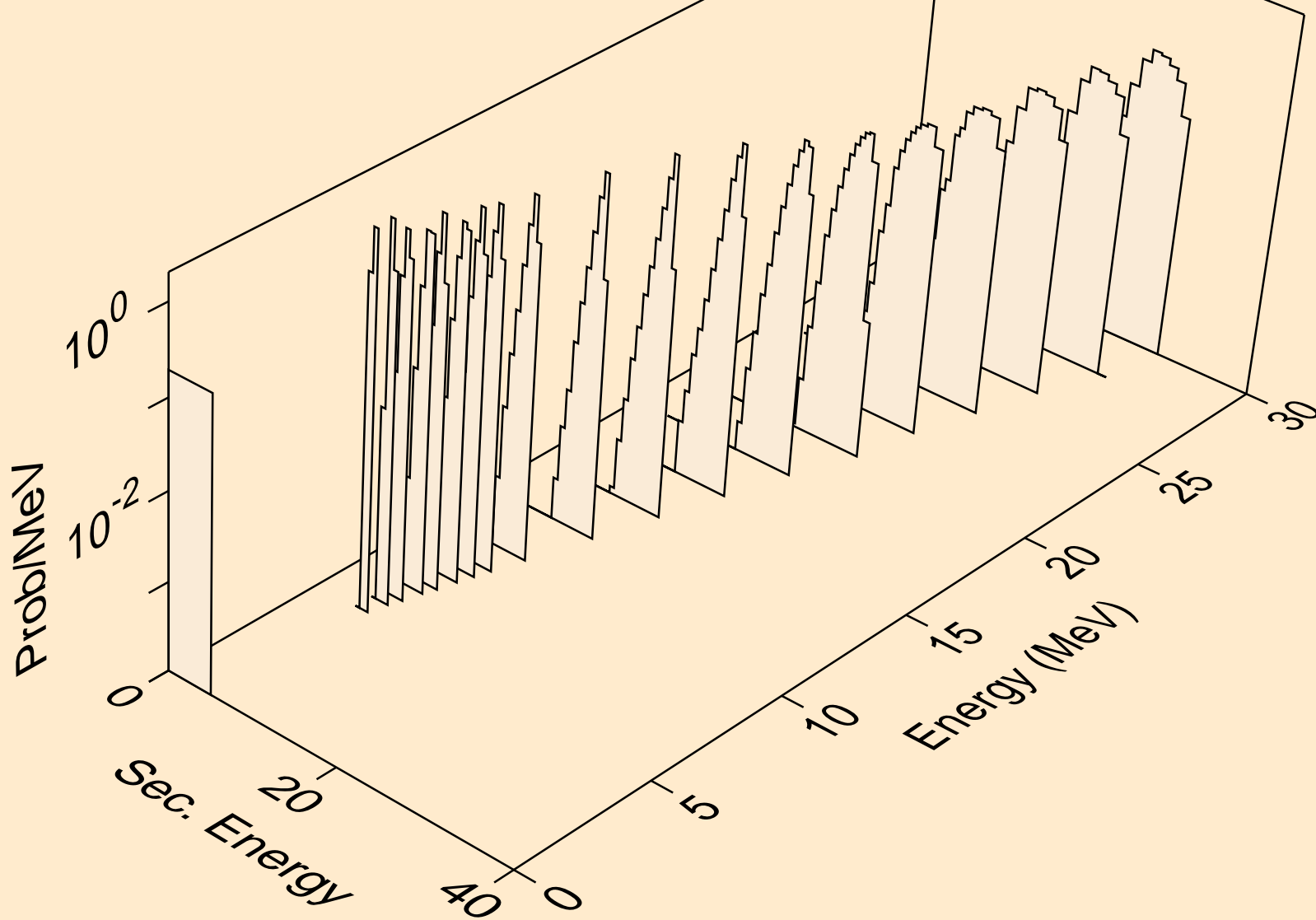
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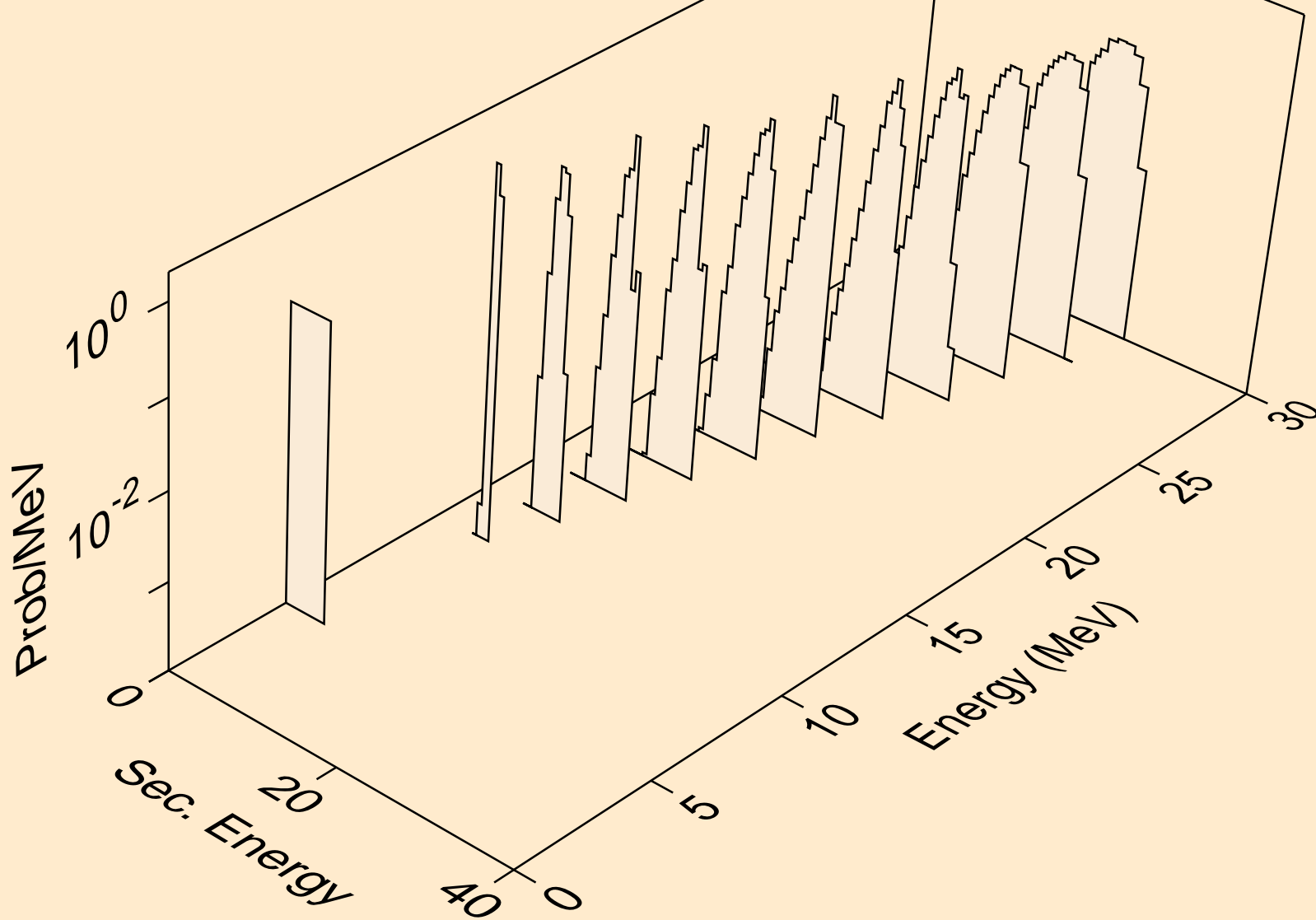
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alphas from (n,x)



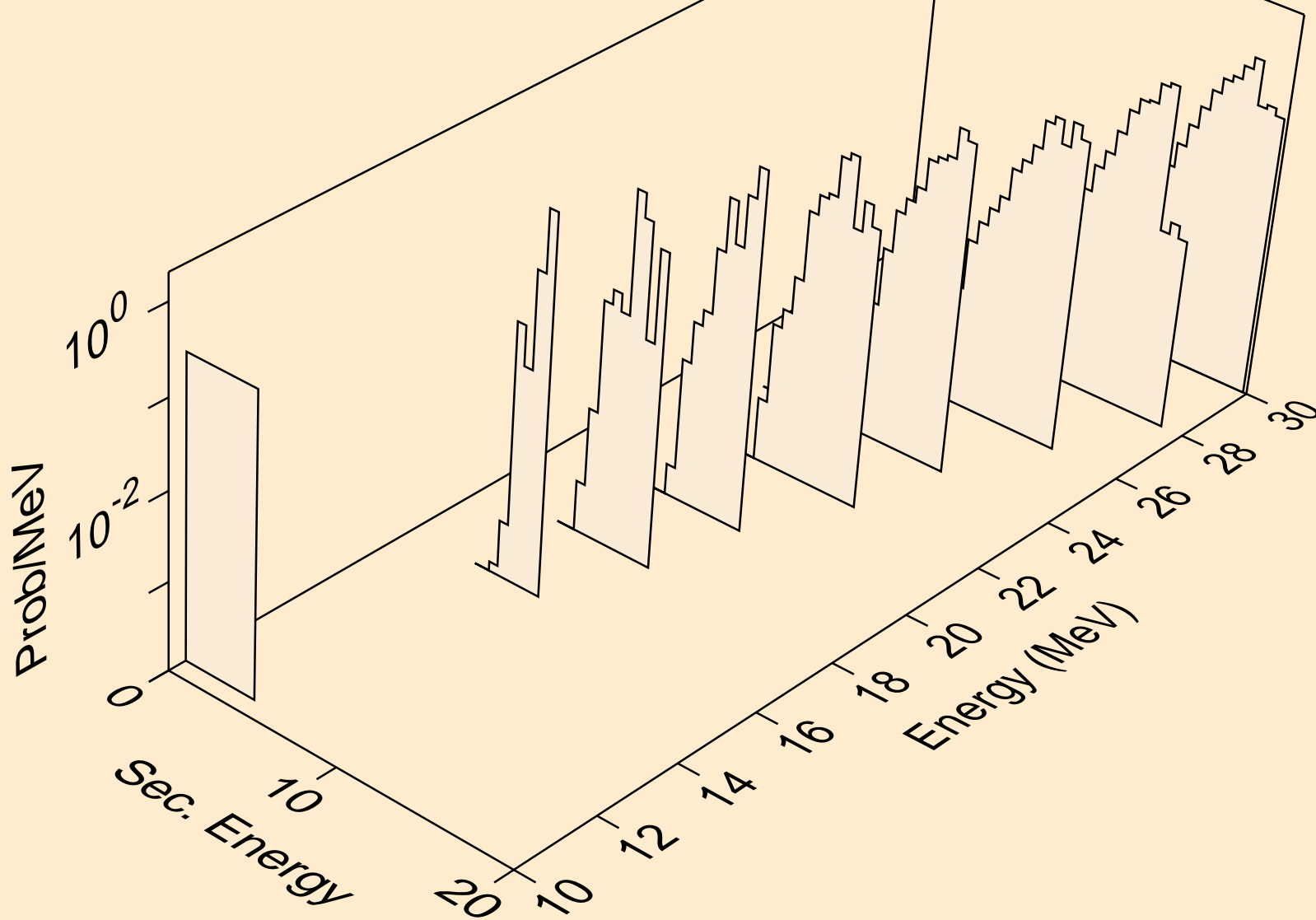
HF185 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)a



HF185 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2n)a



HF185 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,3n)a



HF185 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,a)

