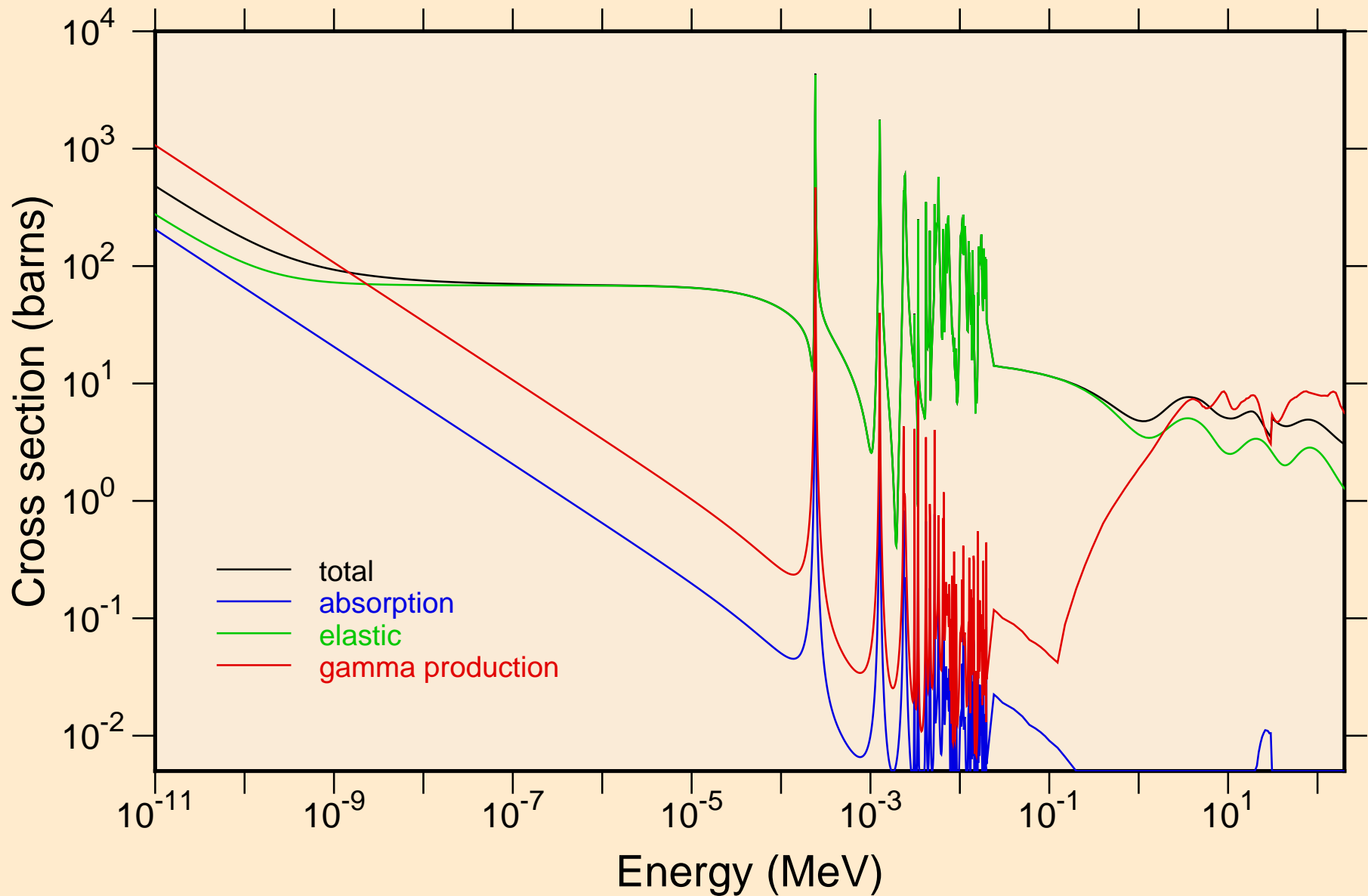
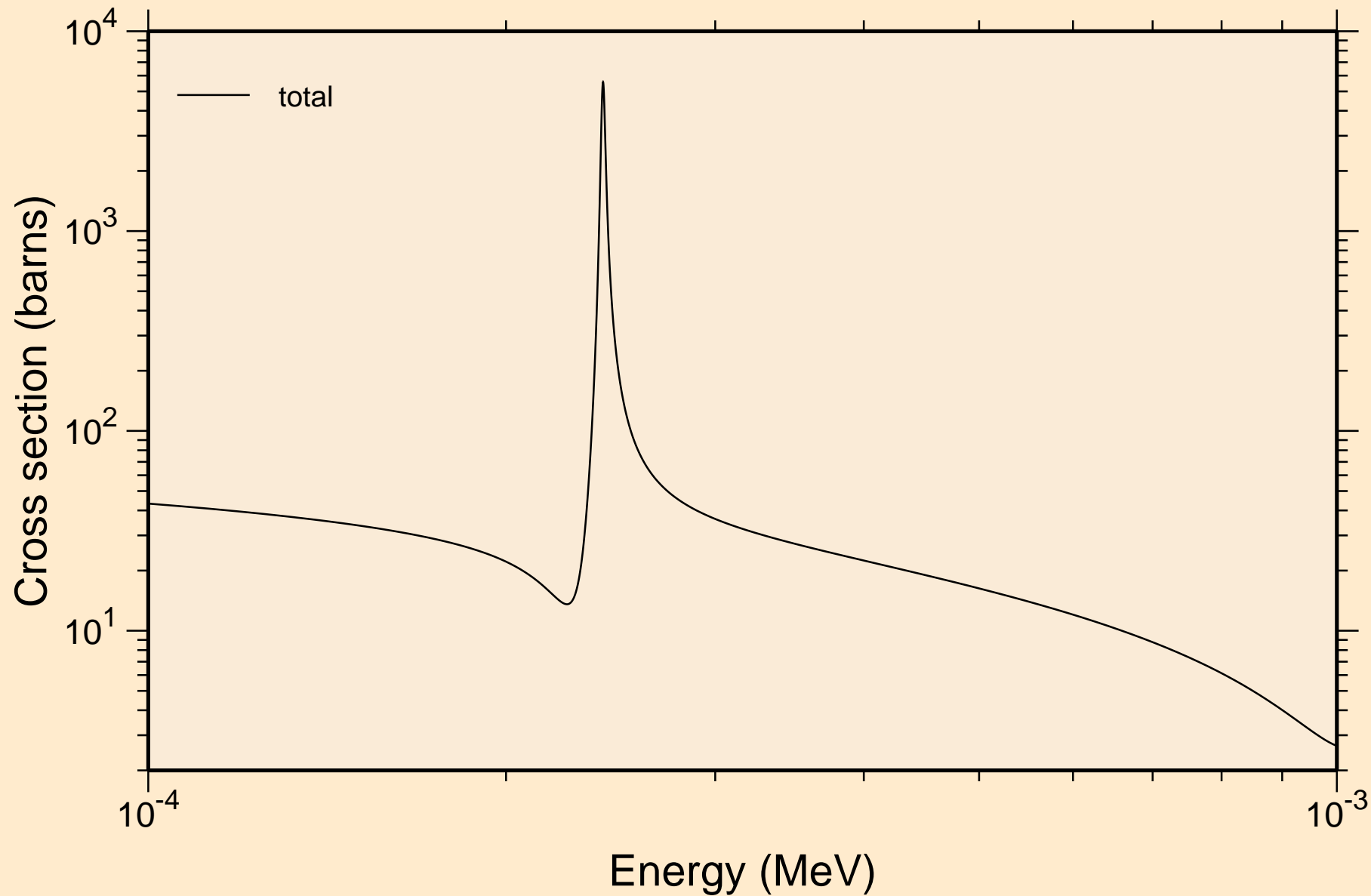


# HG211 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

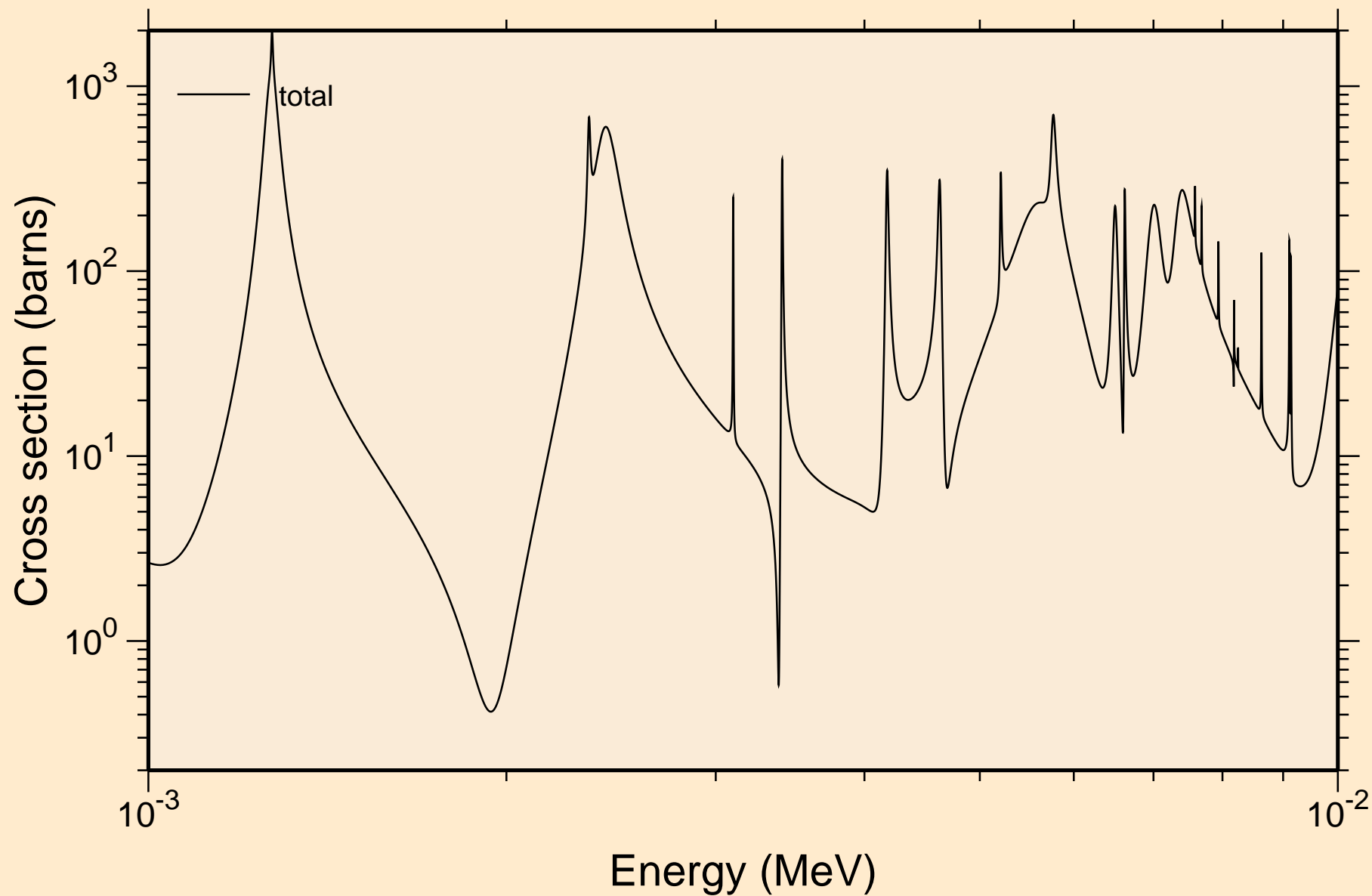
## Principal cross sections



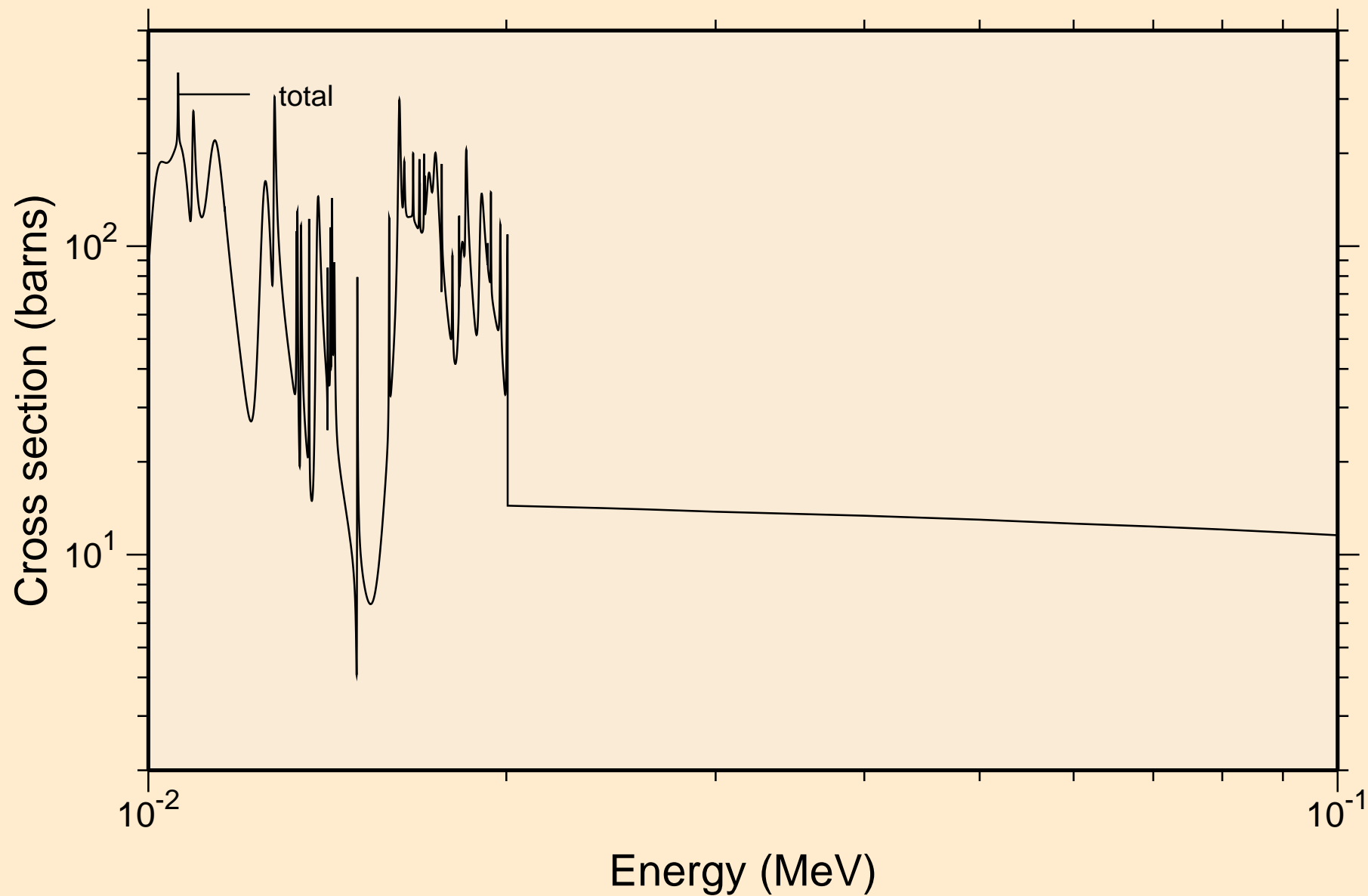
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resonance total cross section



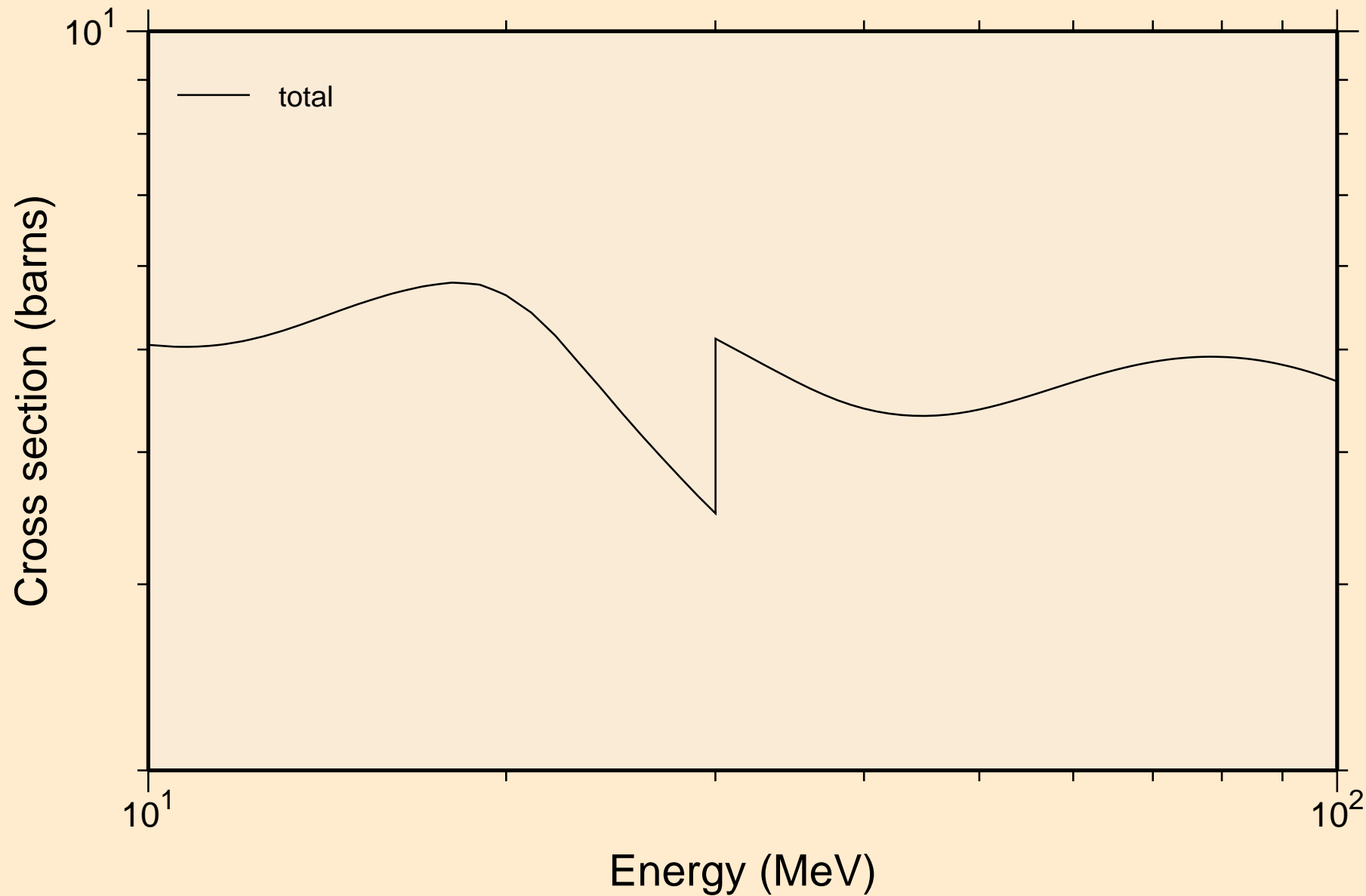
HG211 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



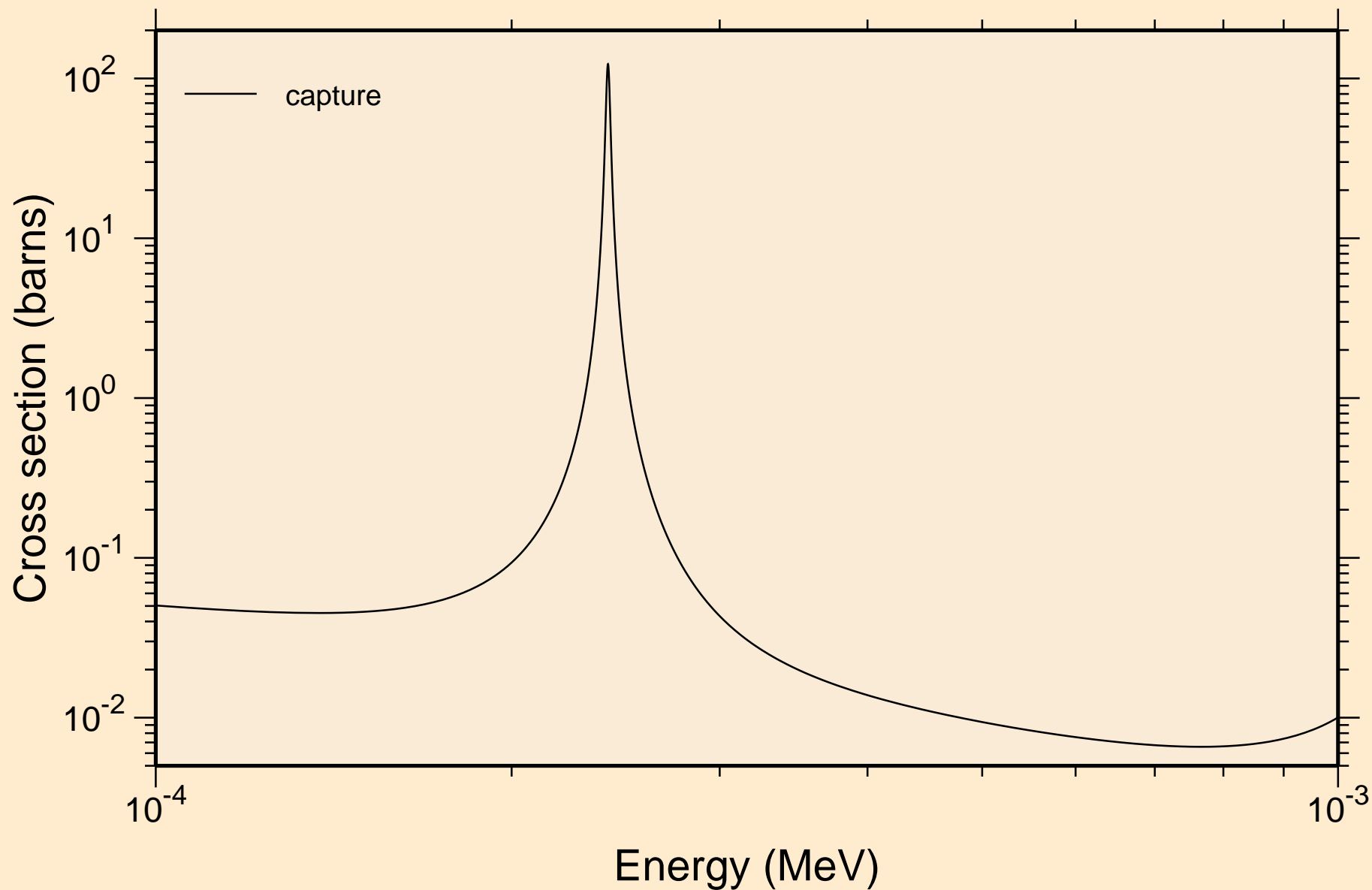
HG211 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



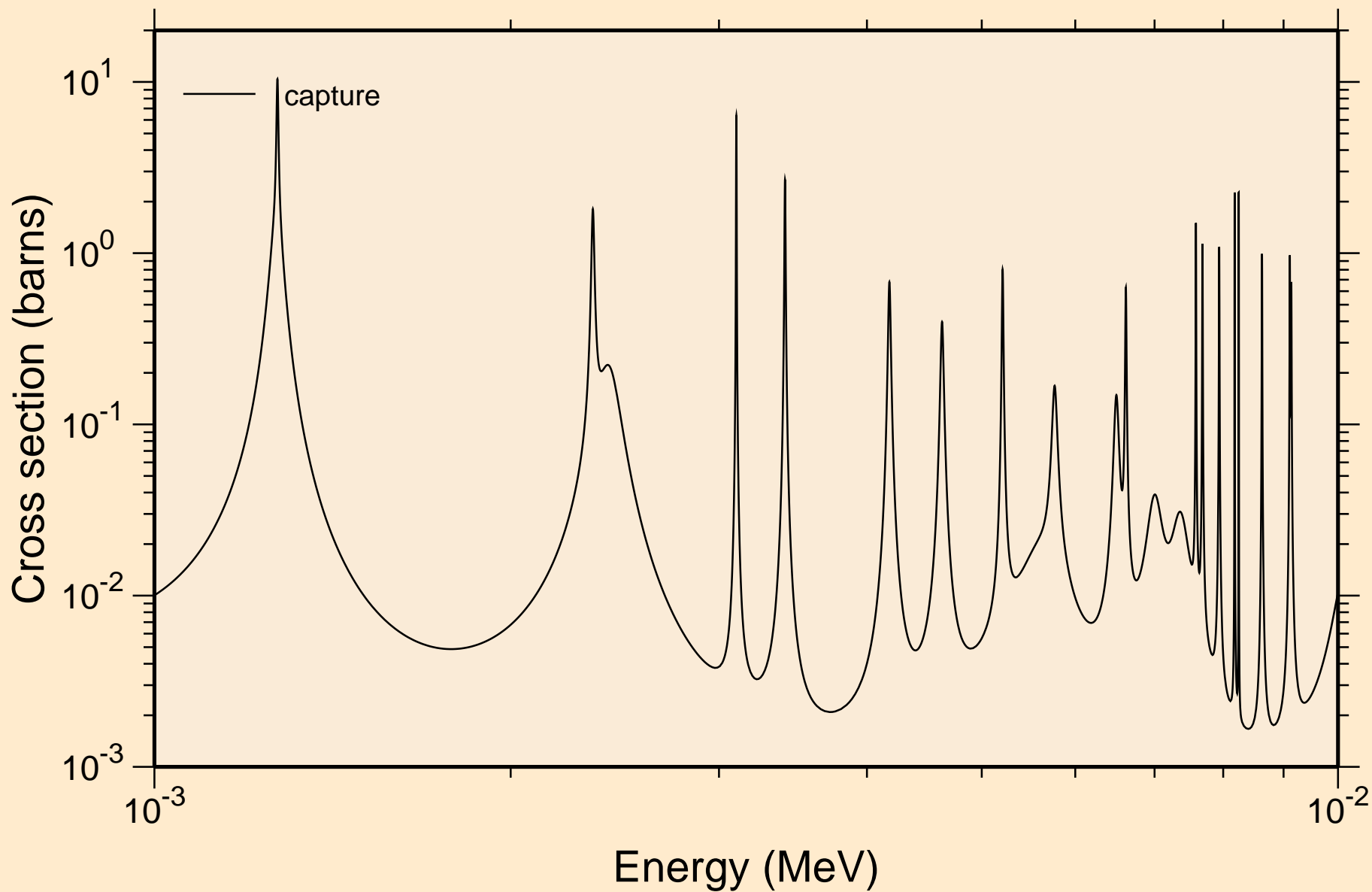
HG211 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



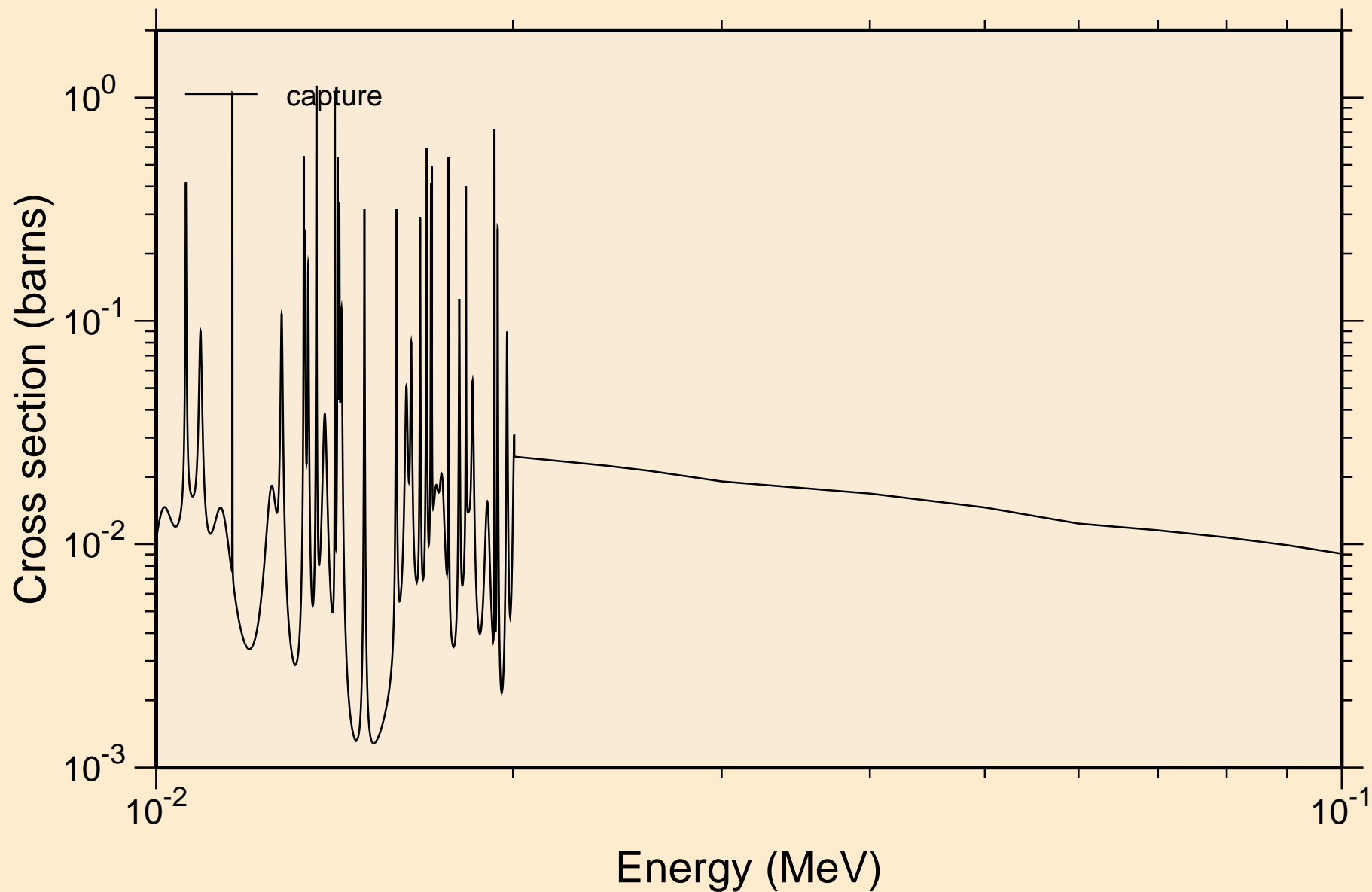
HG211 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



HG211 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections

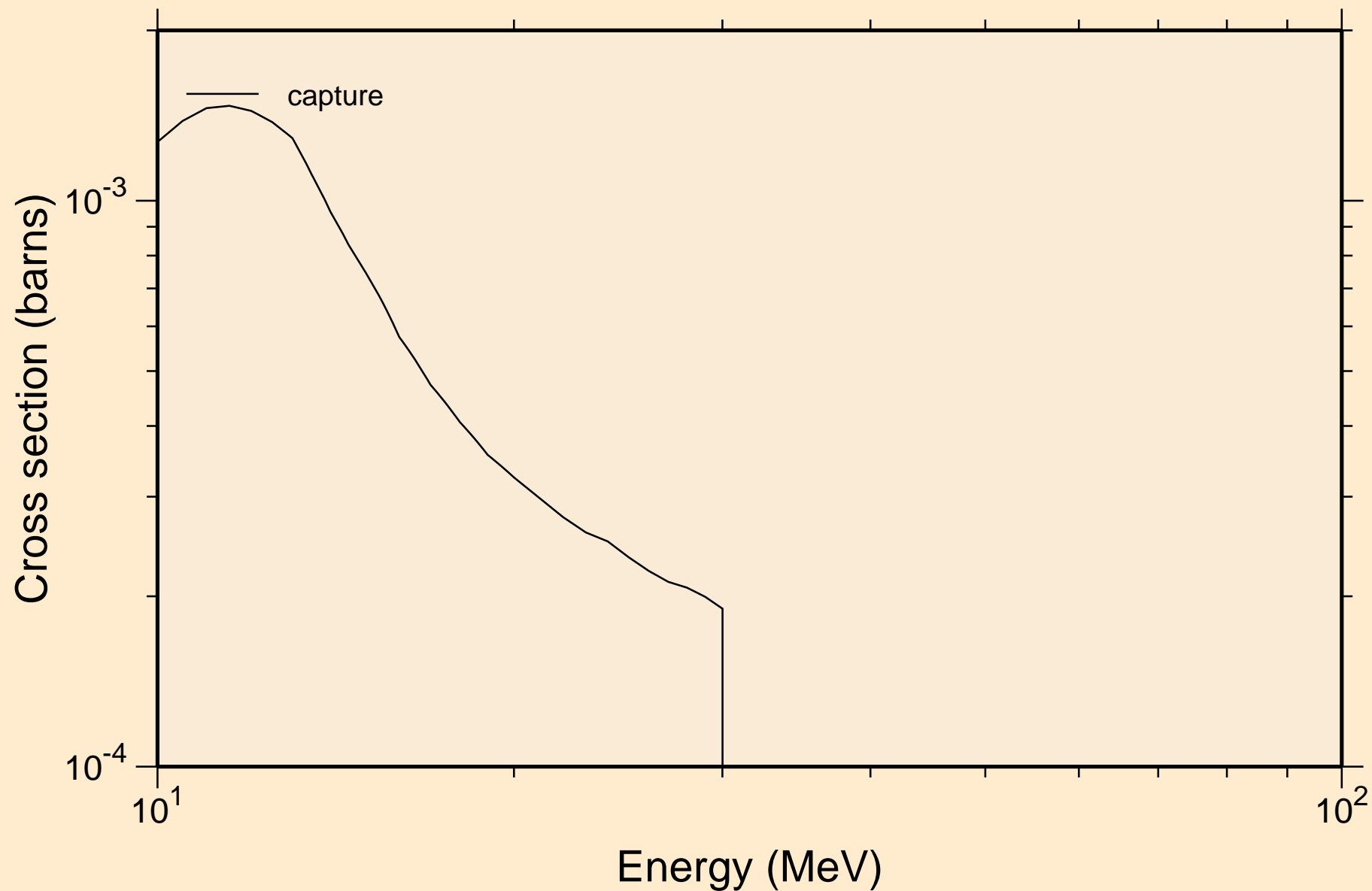


HG211 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections

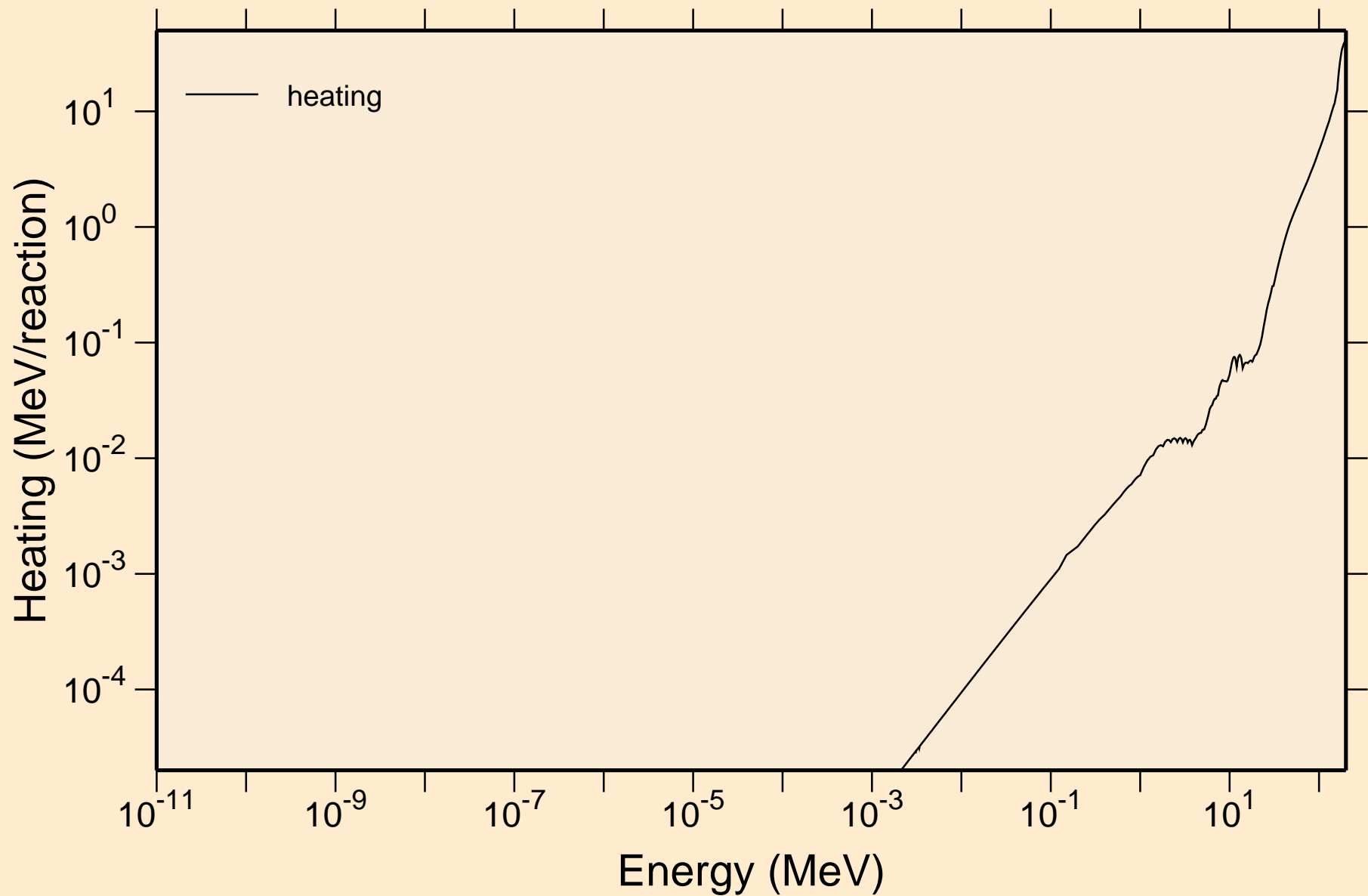




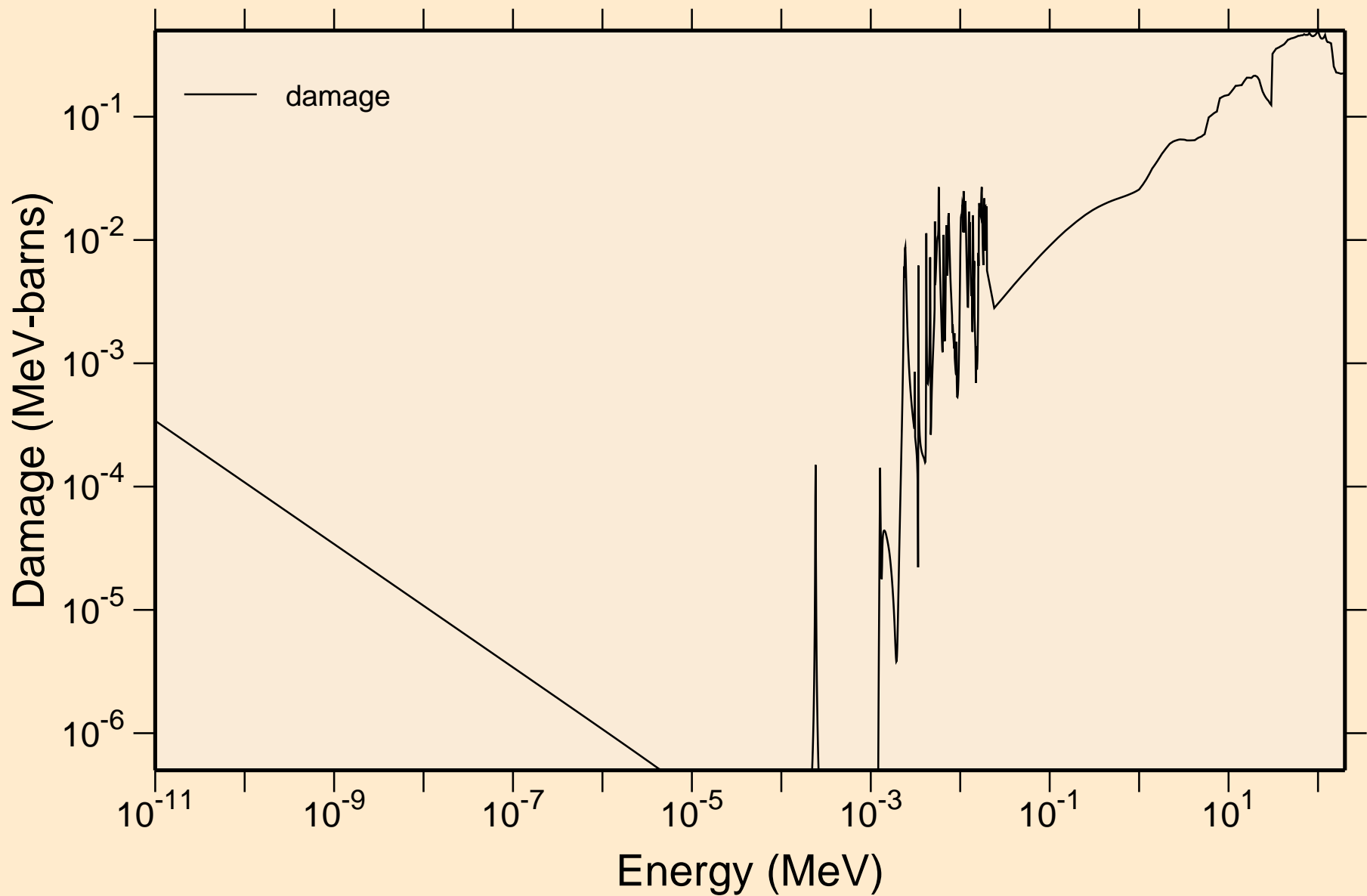
HG211 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



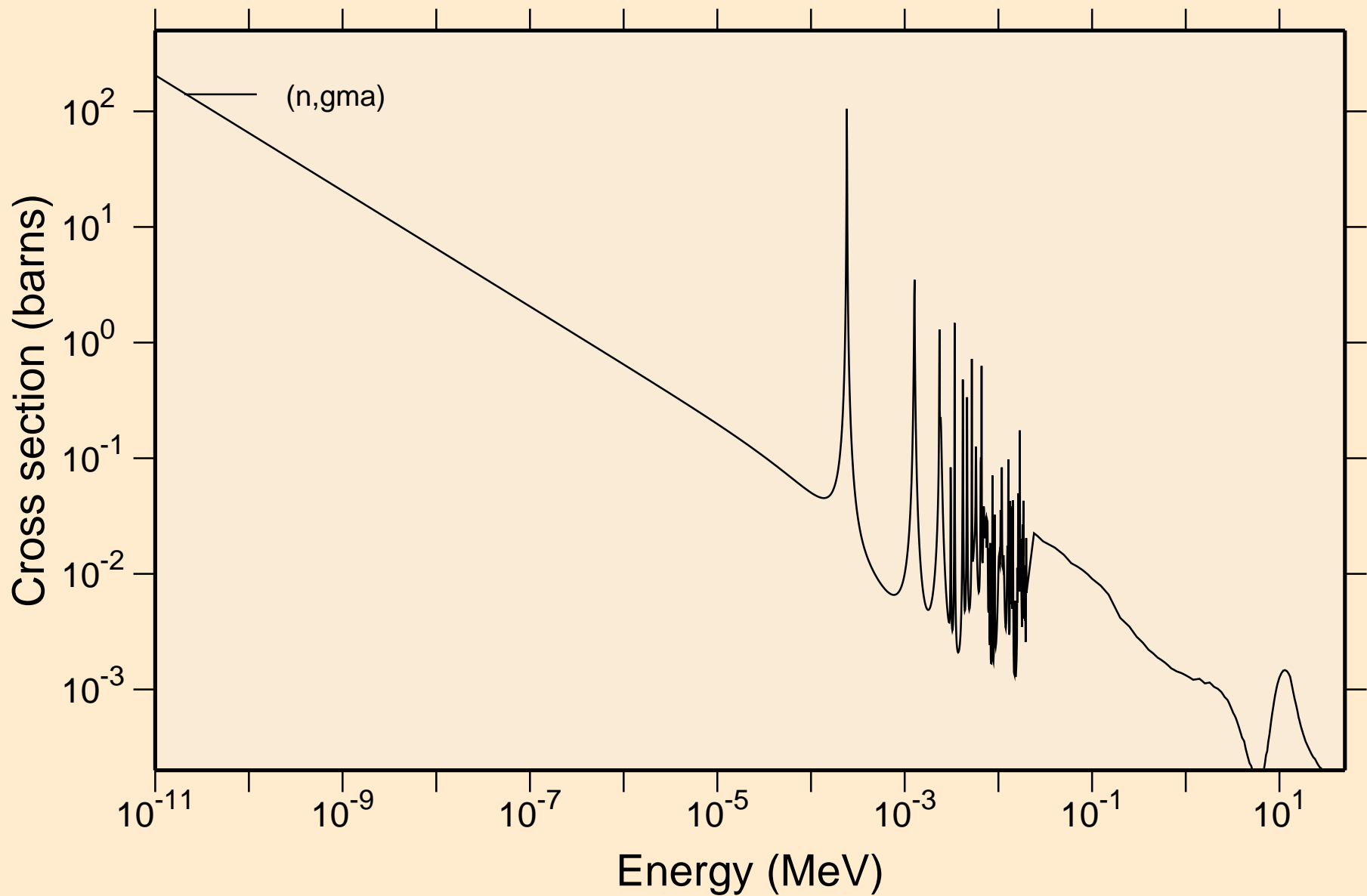
HG211 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating



# HG211 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K Damage

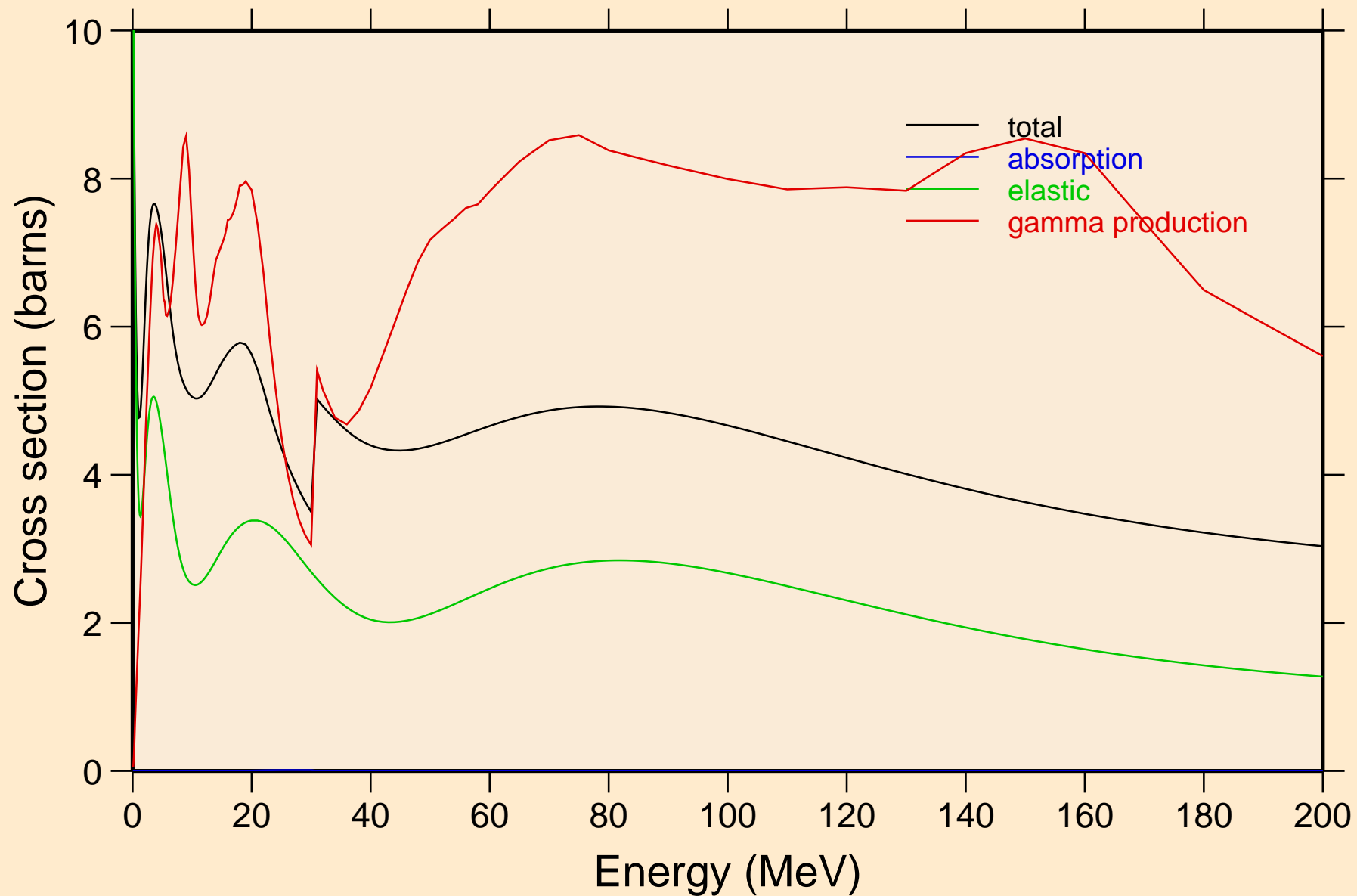


HG211 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions

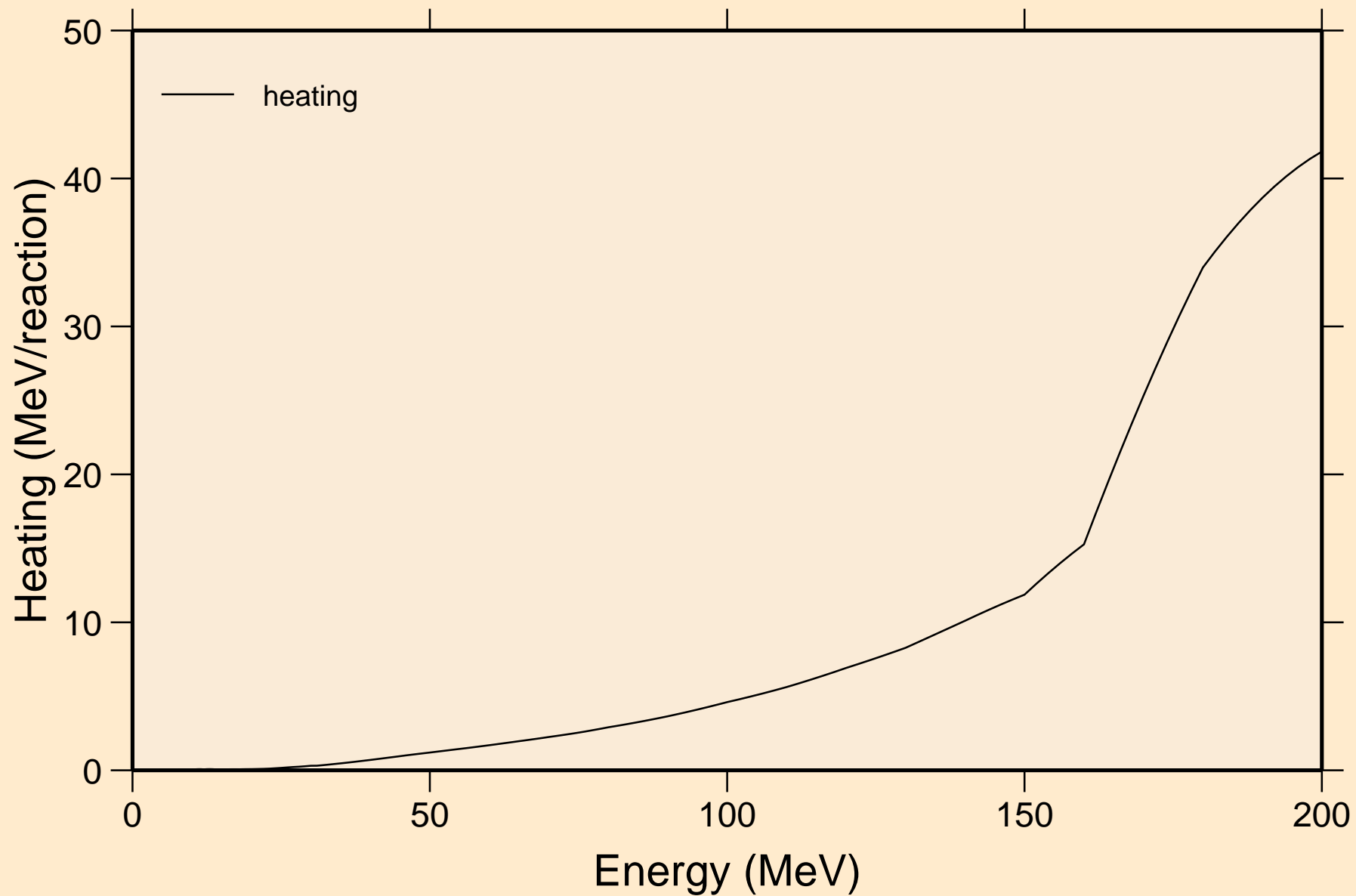


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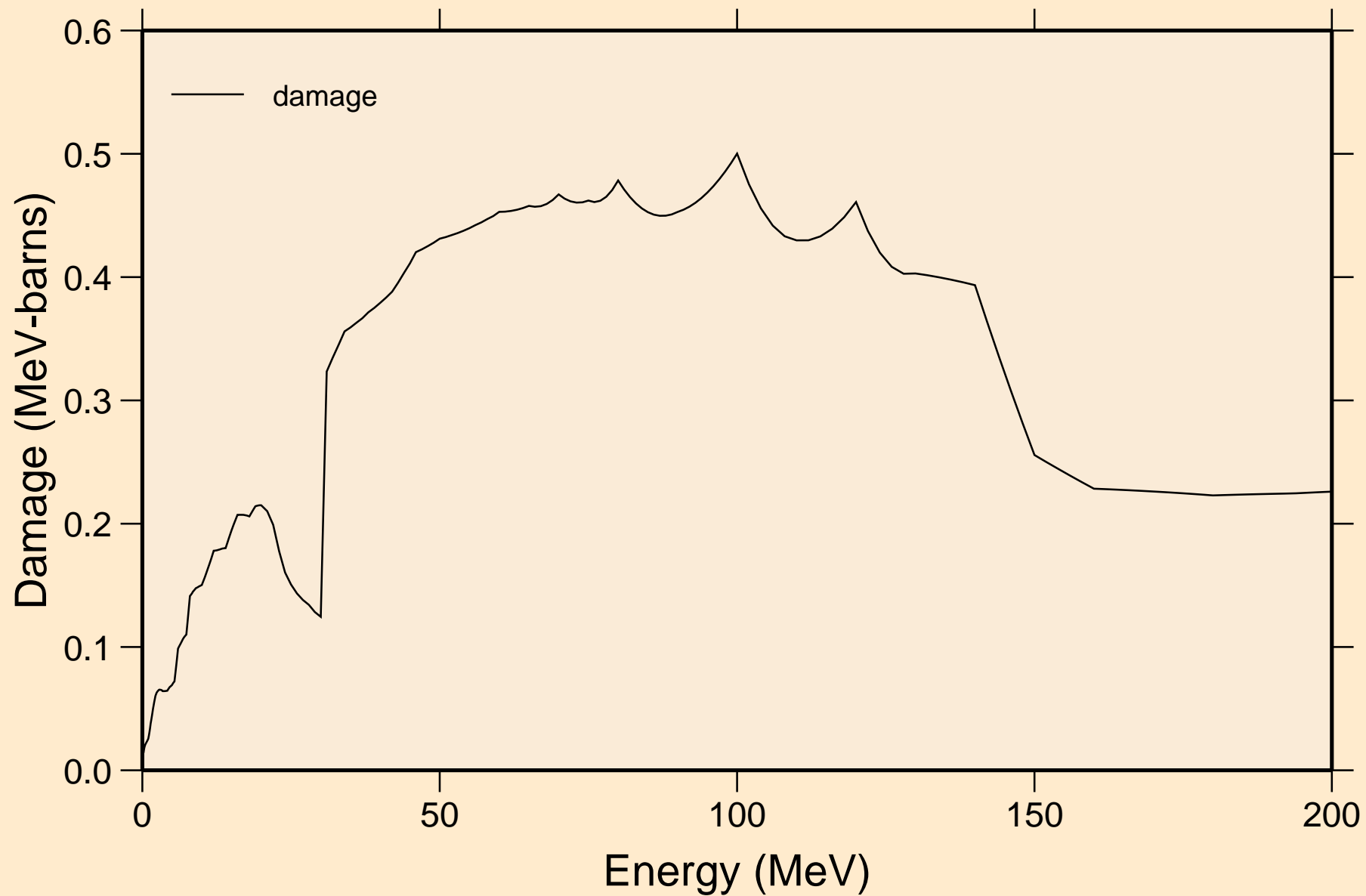
## Principal cross sections



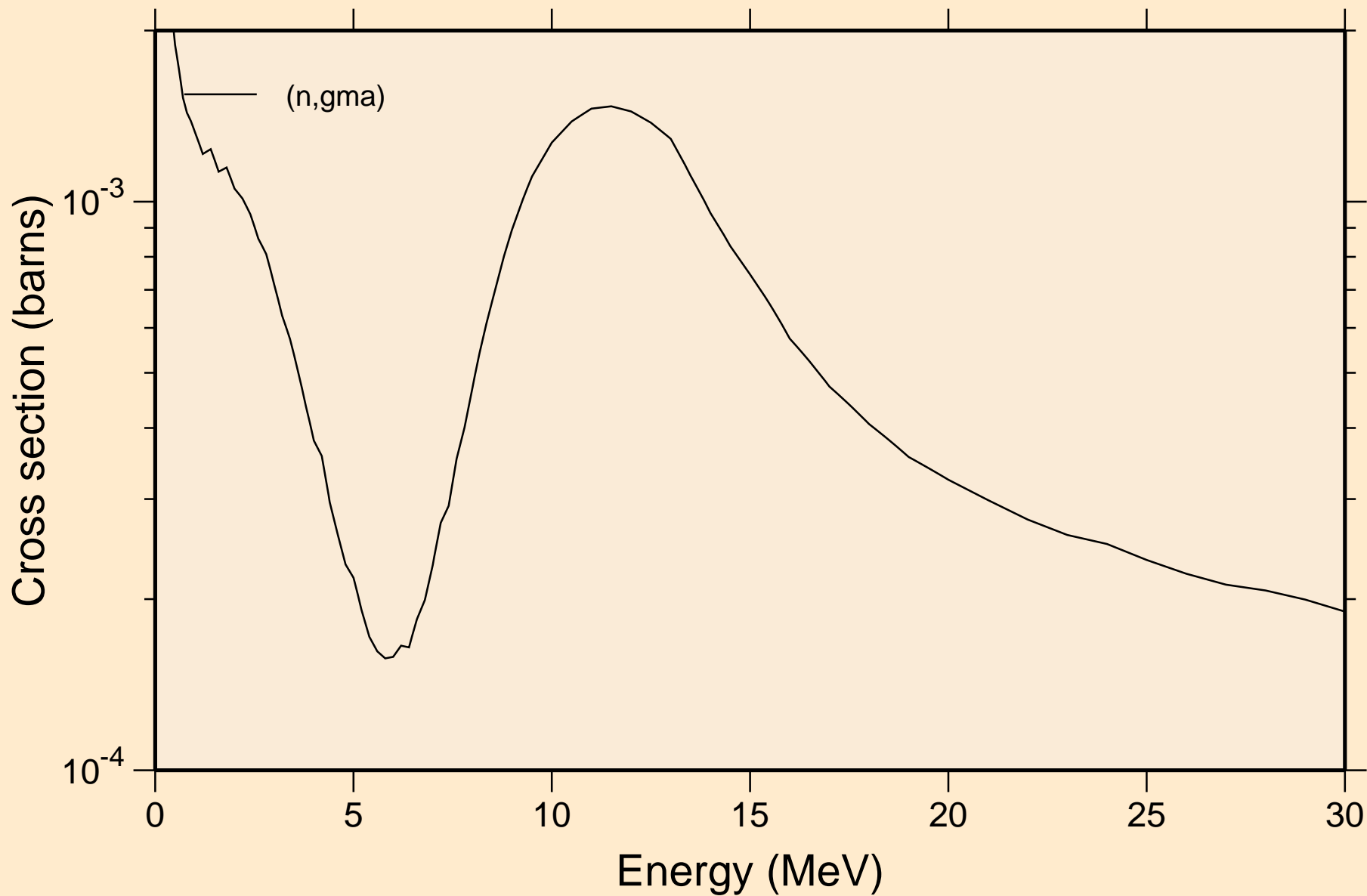
HG211 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating



# HG211 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K Damage

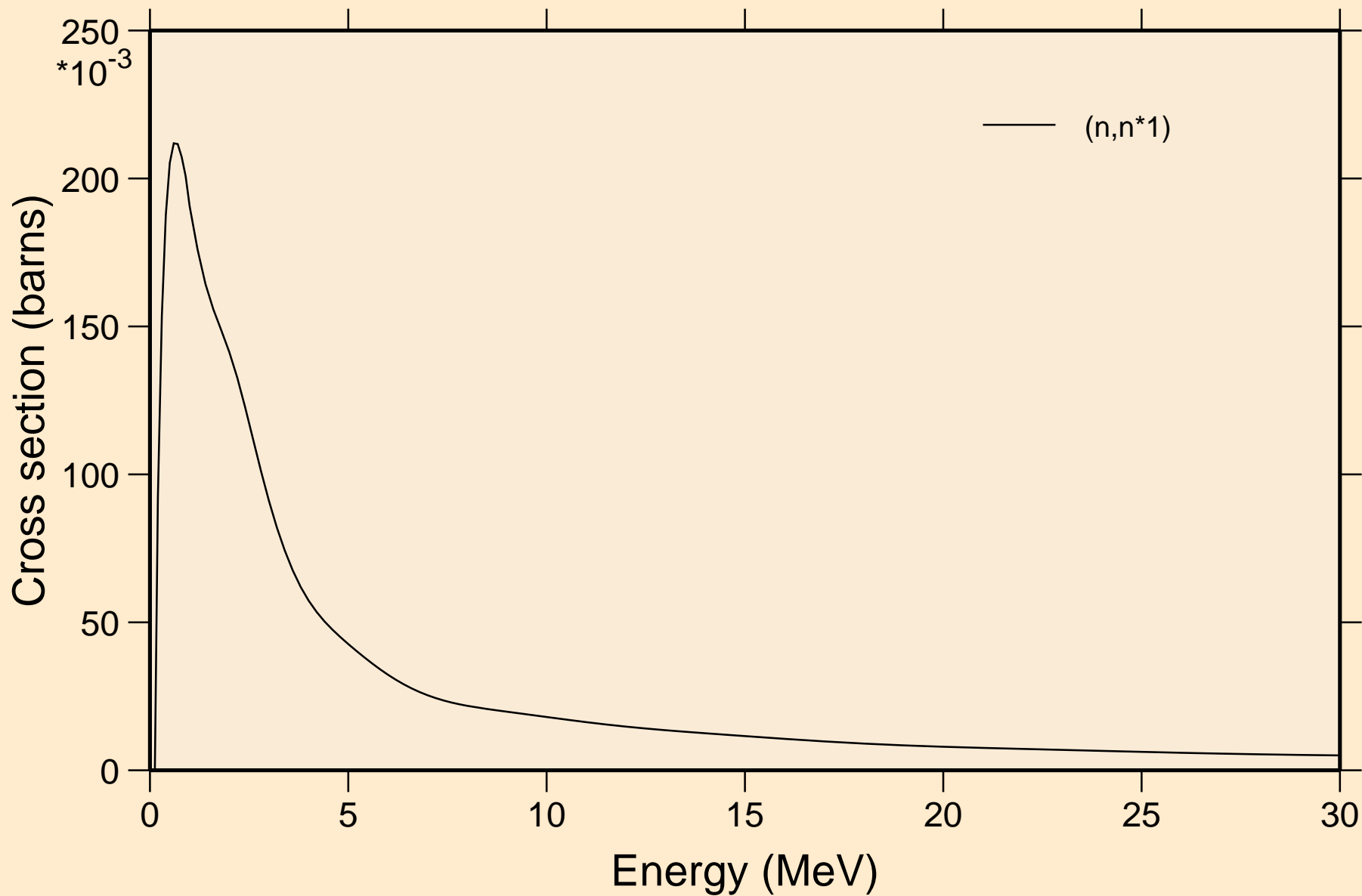


HG211 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions



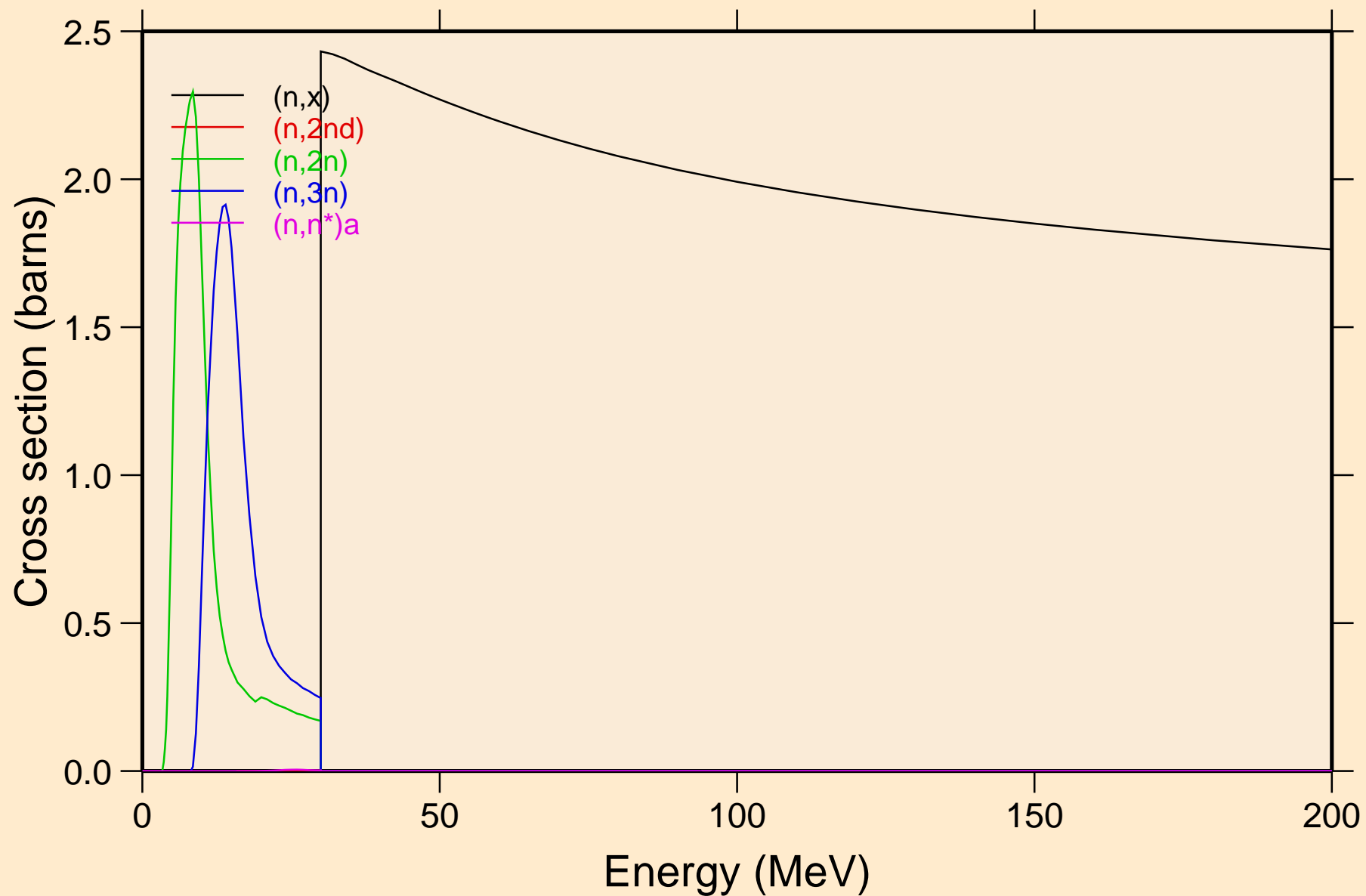


HG211 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



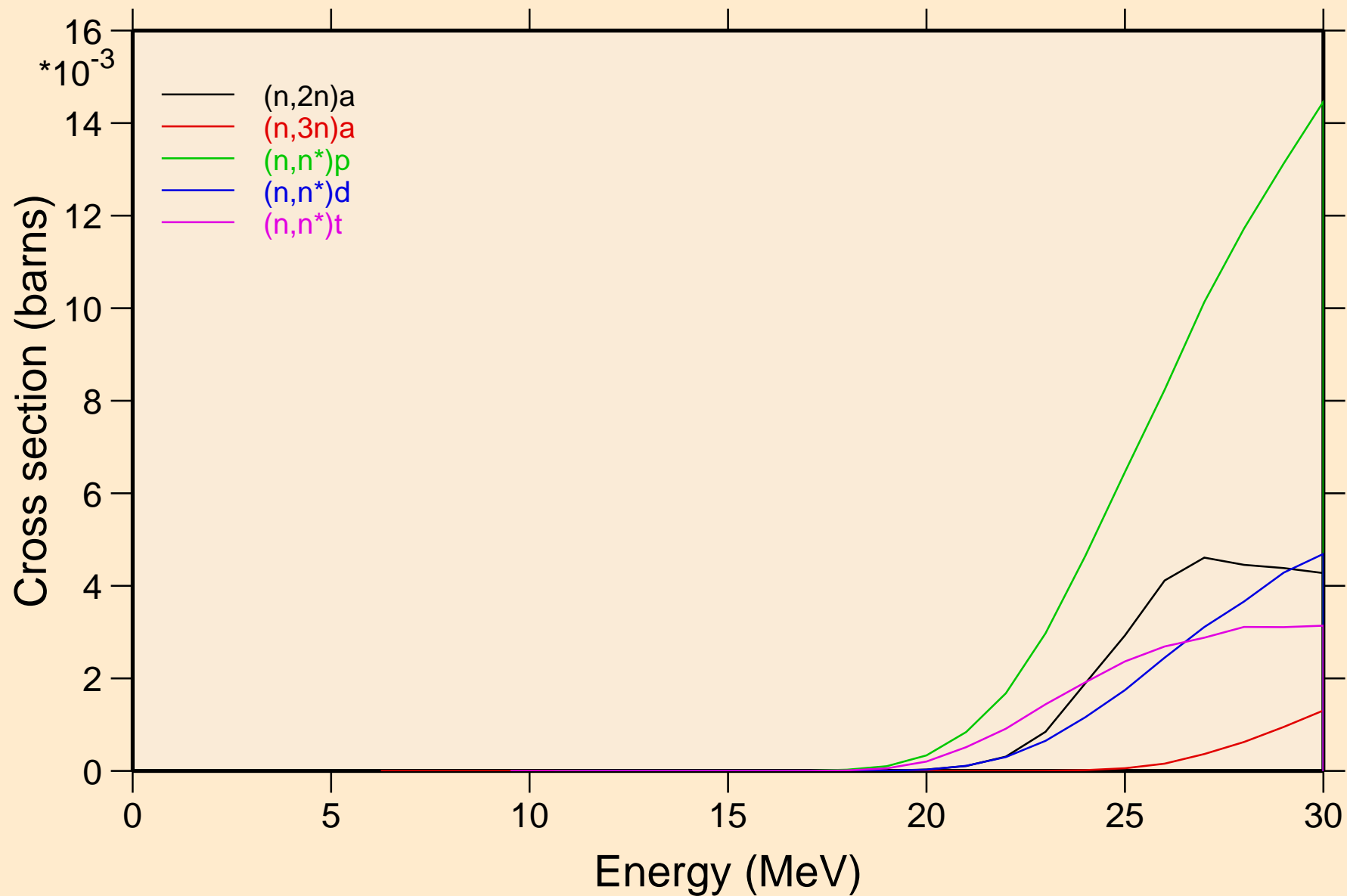
# HG211 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

## Threshold reactions



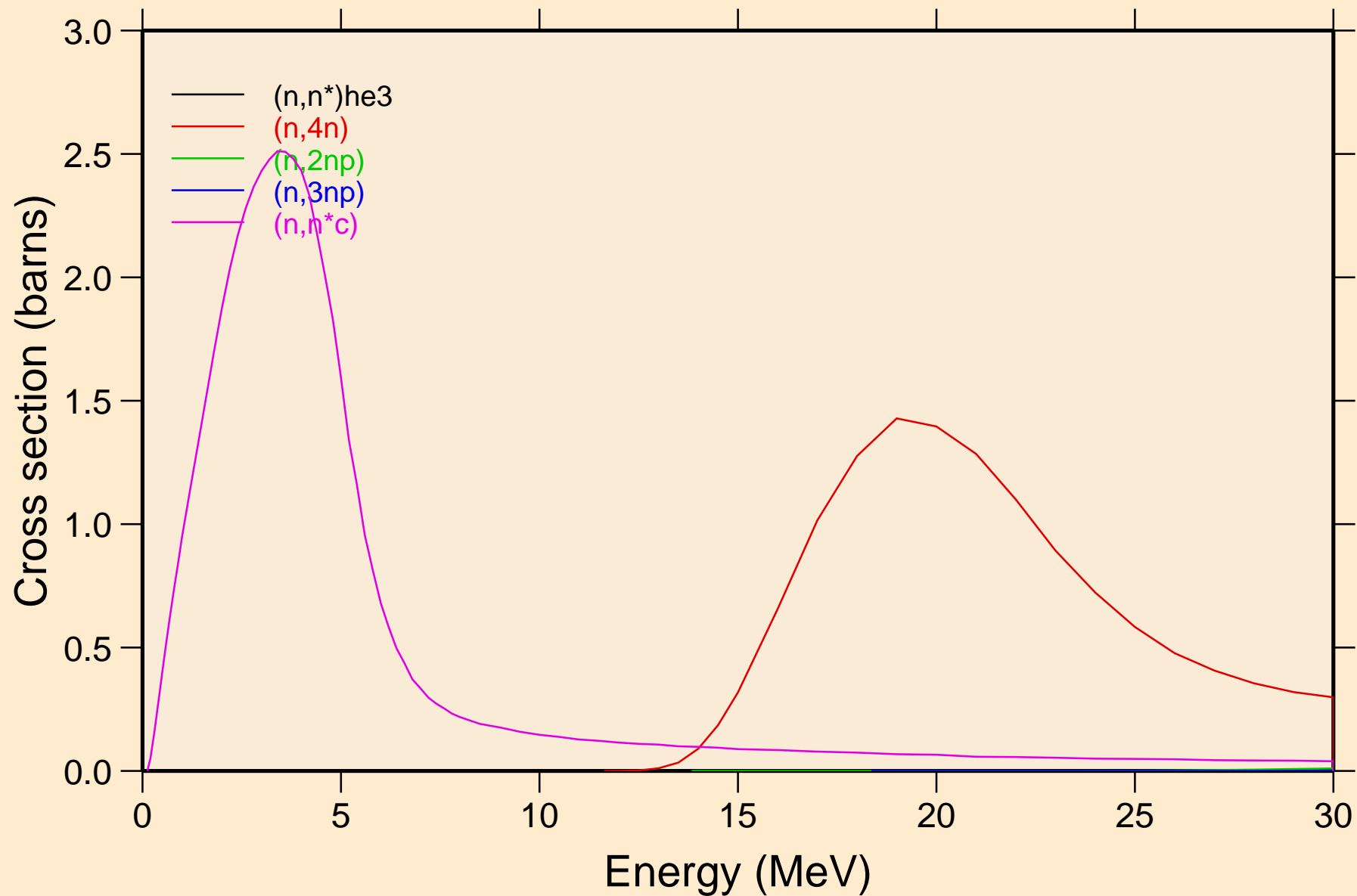
# HG211 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

## Threshold reactions

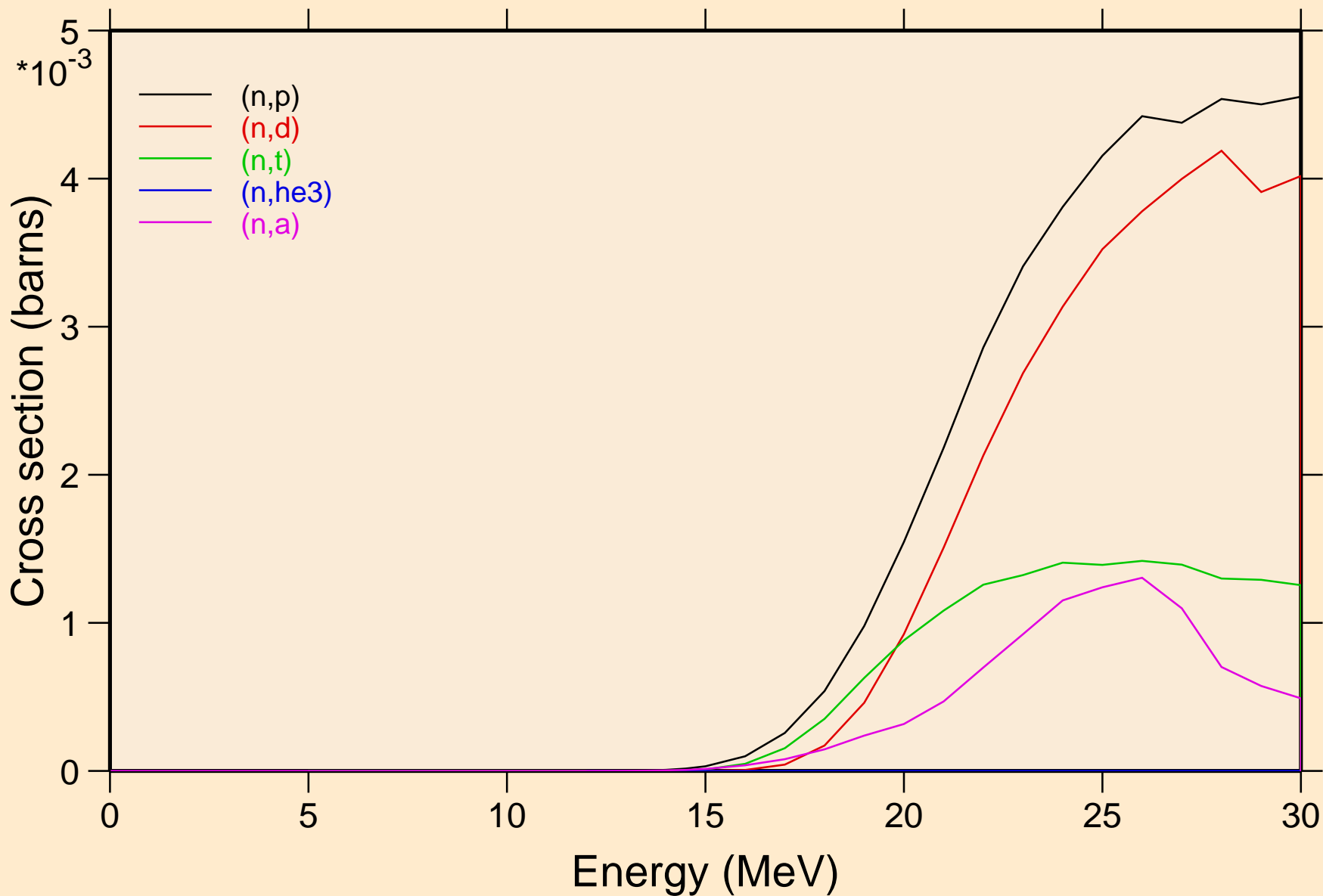


# HG211 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

## Threshold reactions

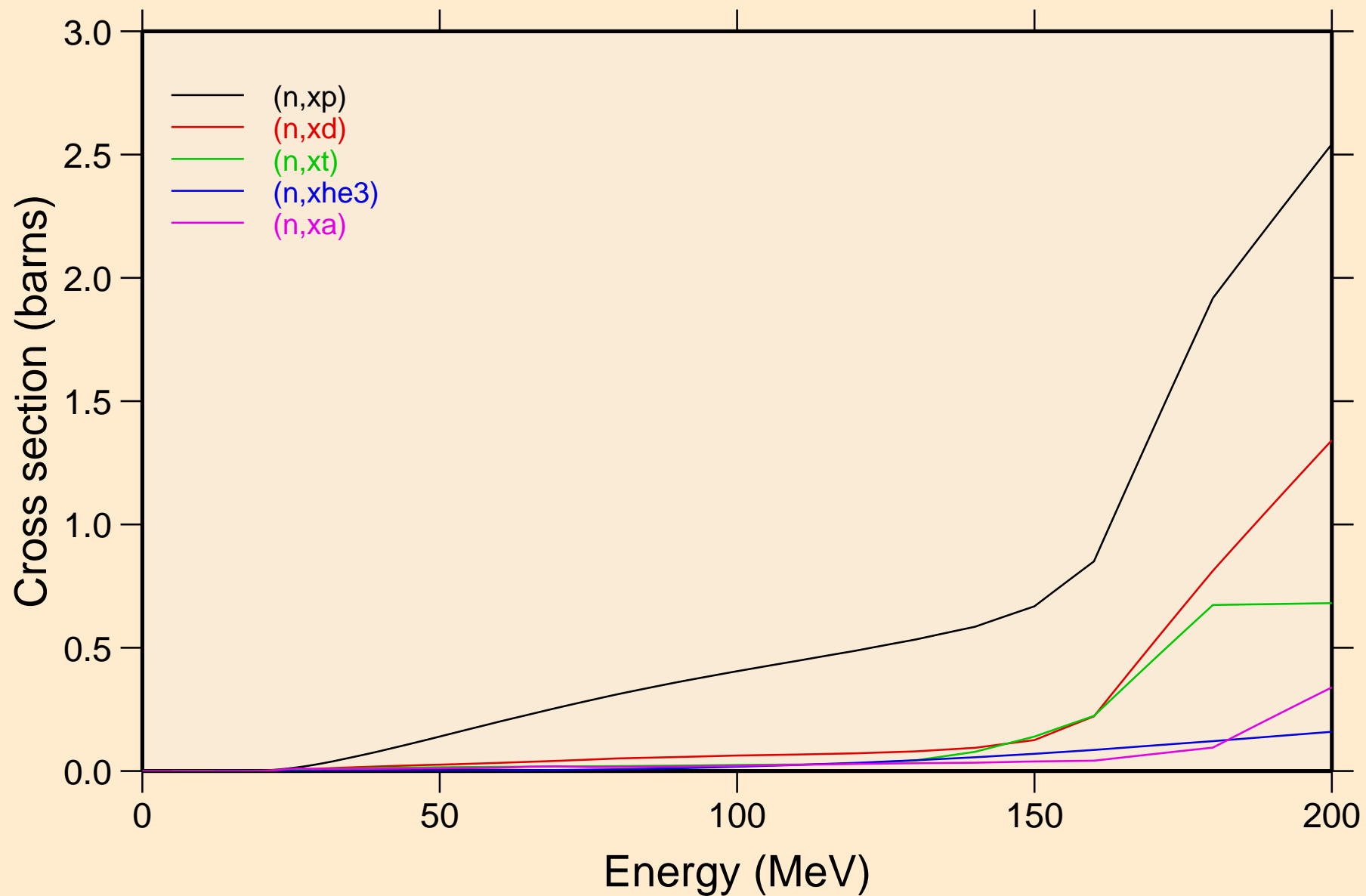


HG211 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions

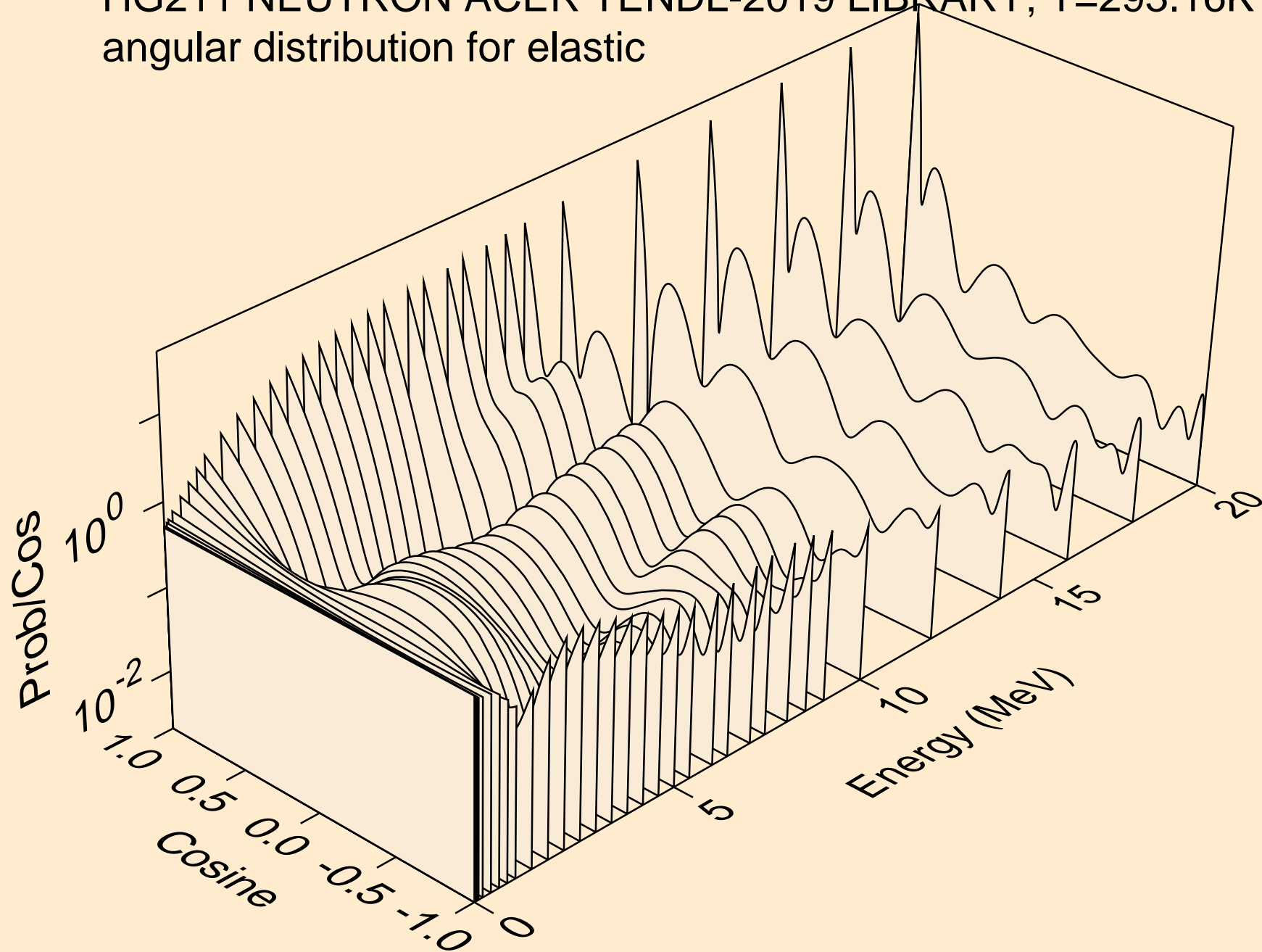


# HG211 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

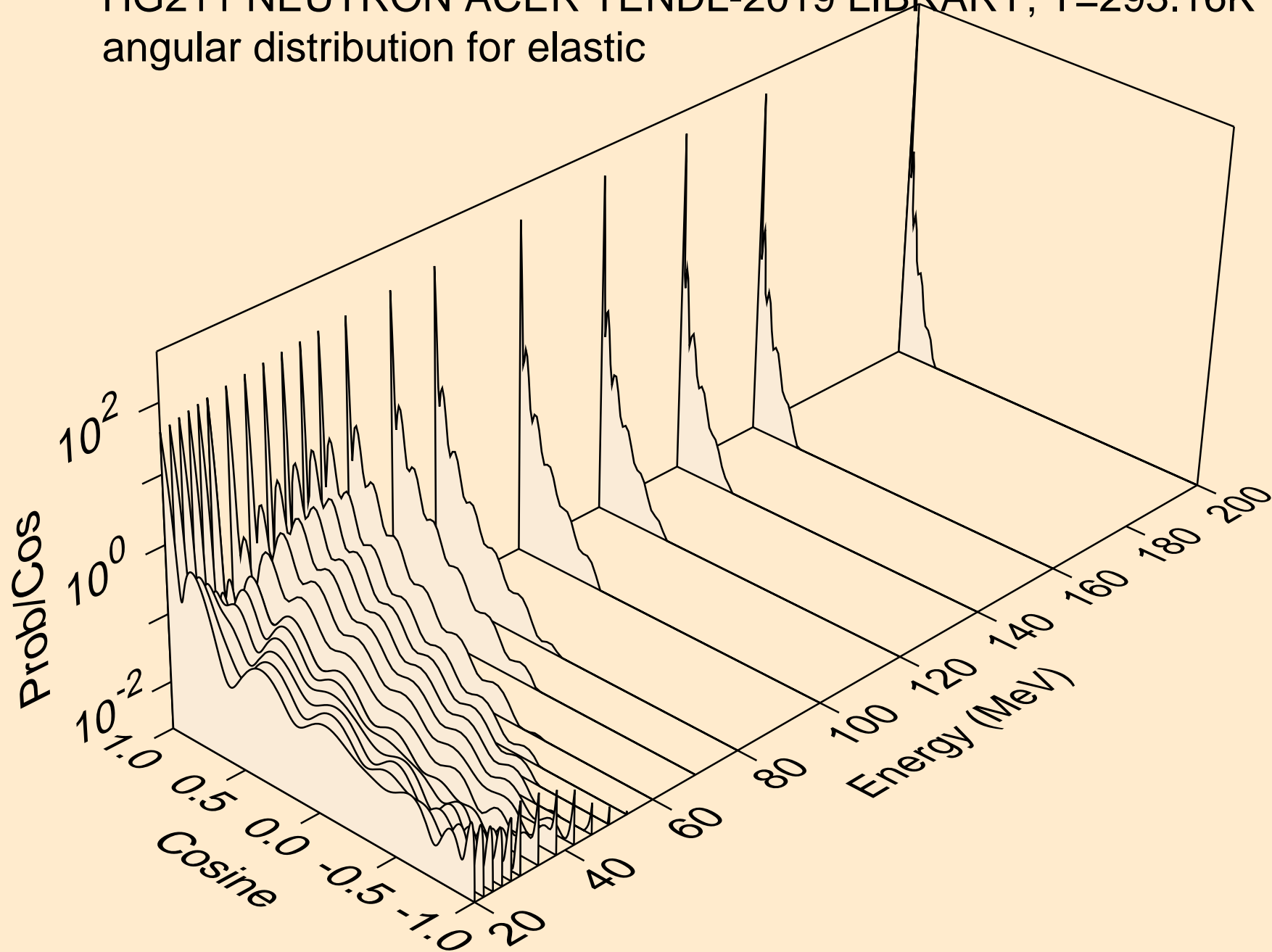
## Threshold reactions



HG211 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic

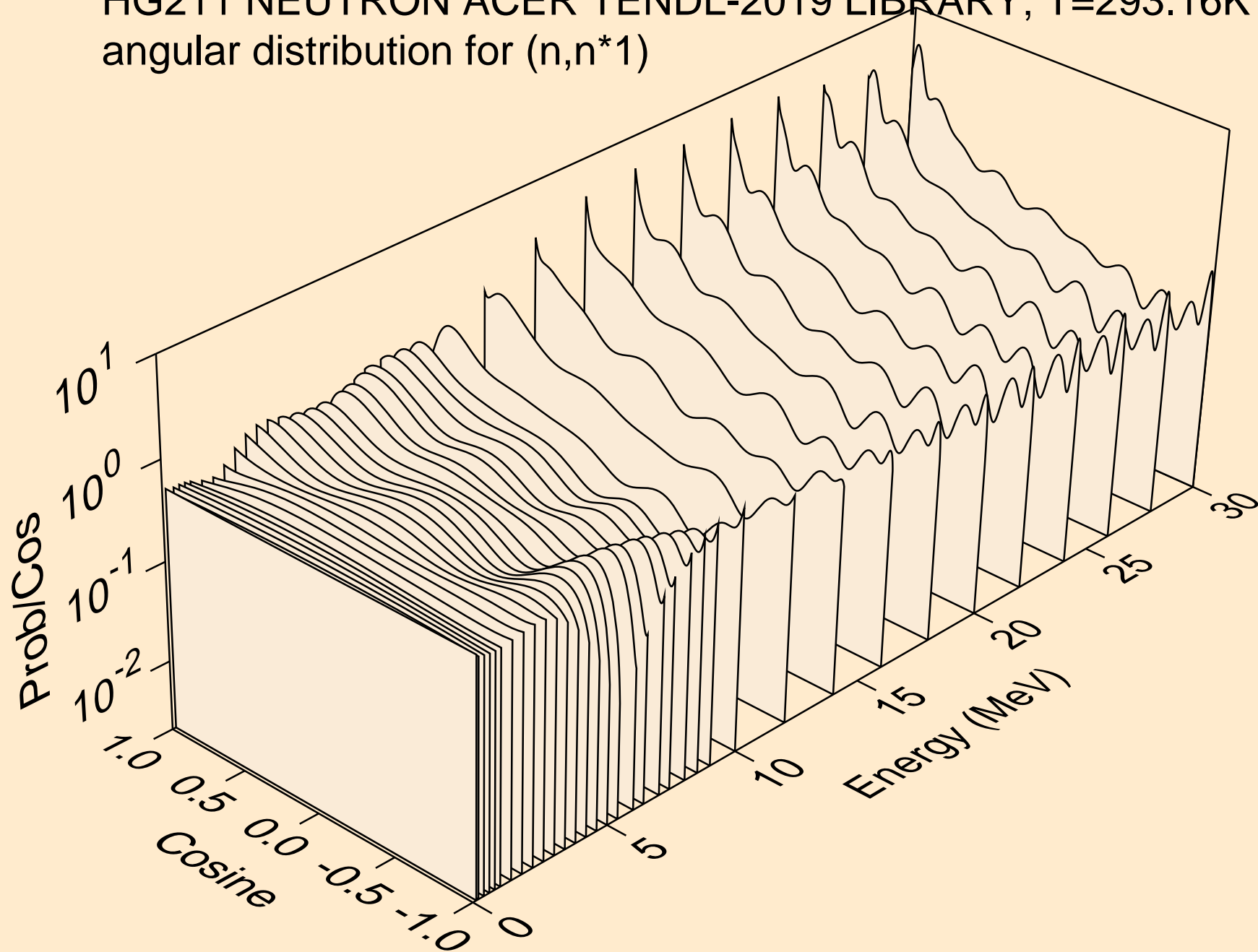


HG211 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic

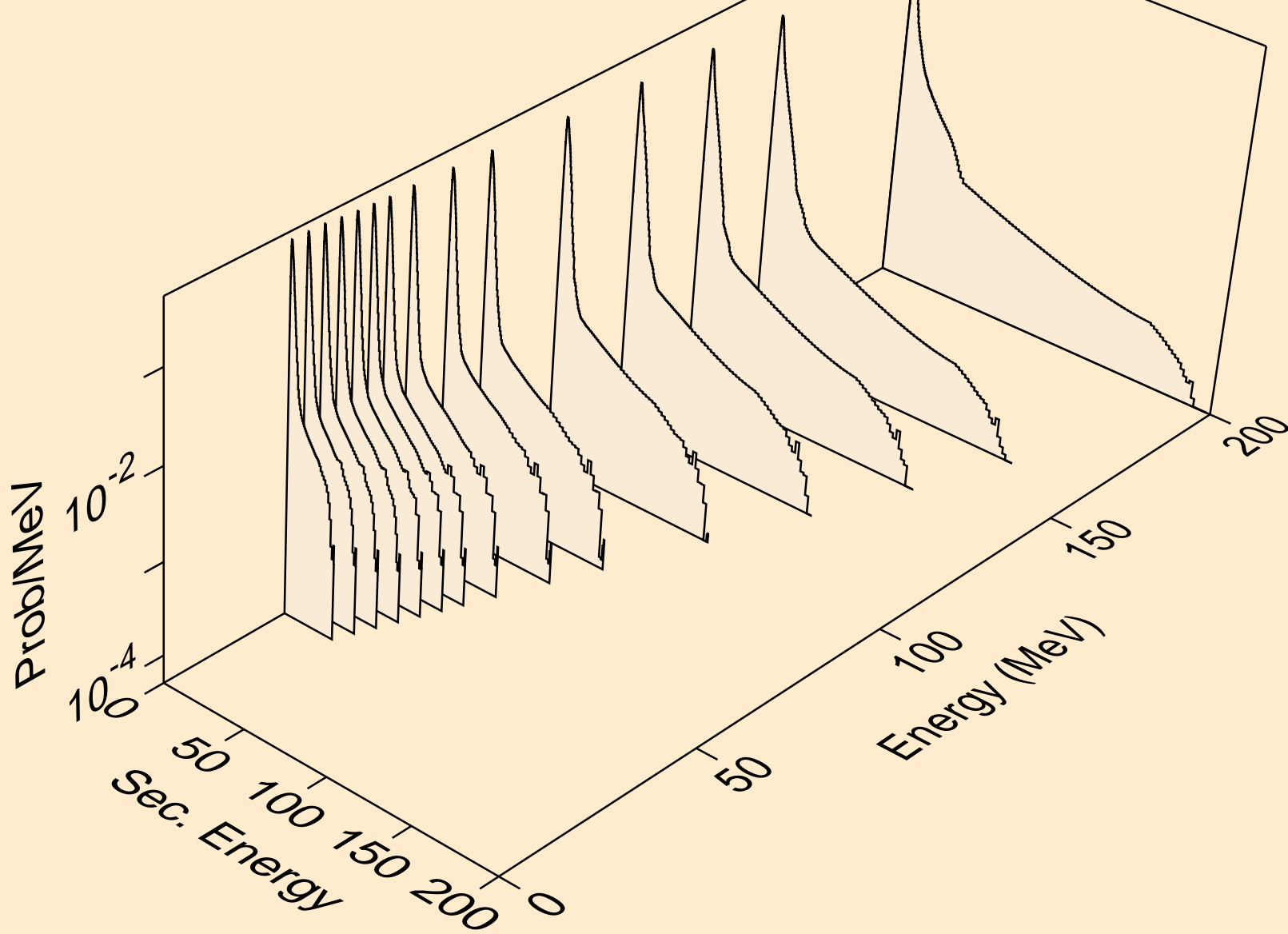




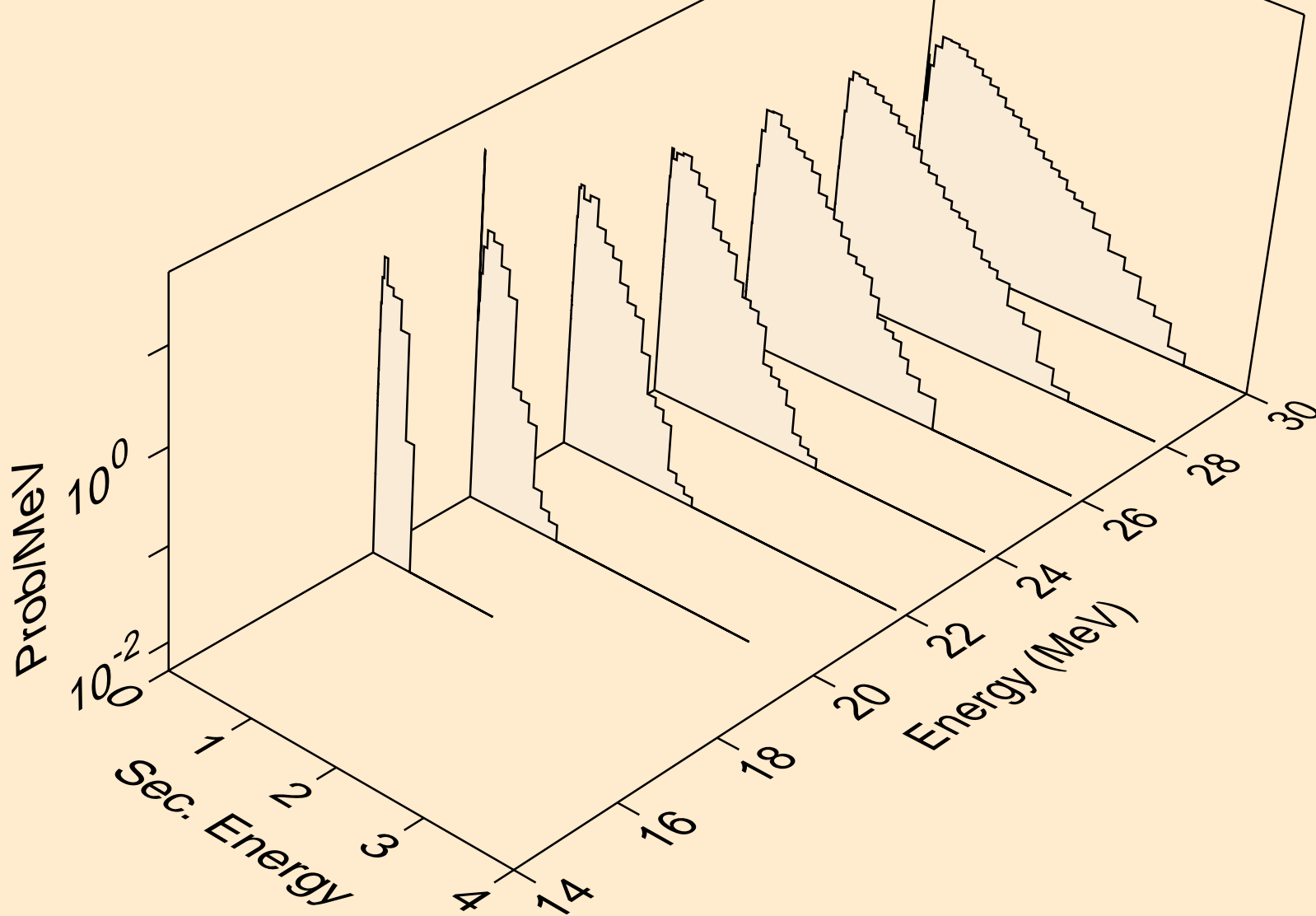
HG211 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*1)



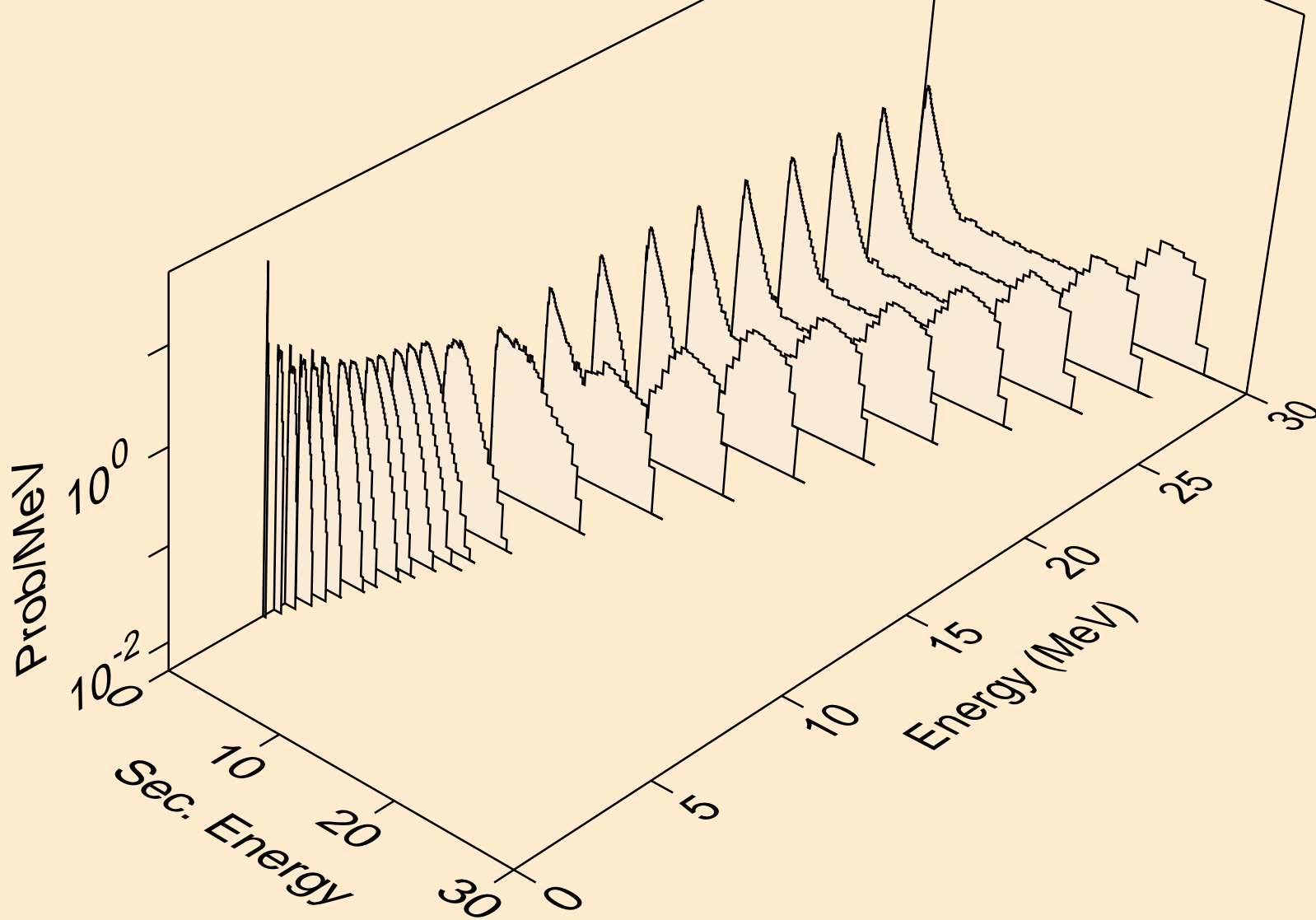
HG211 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,x)



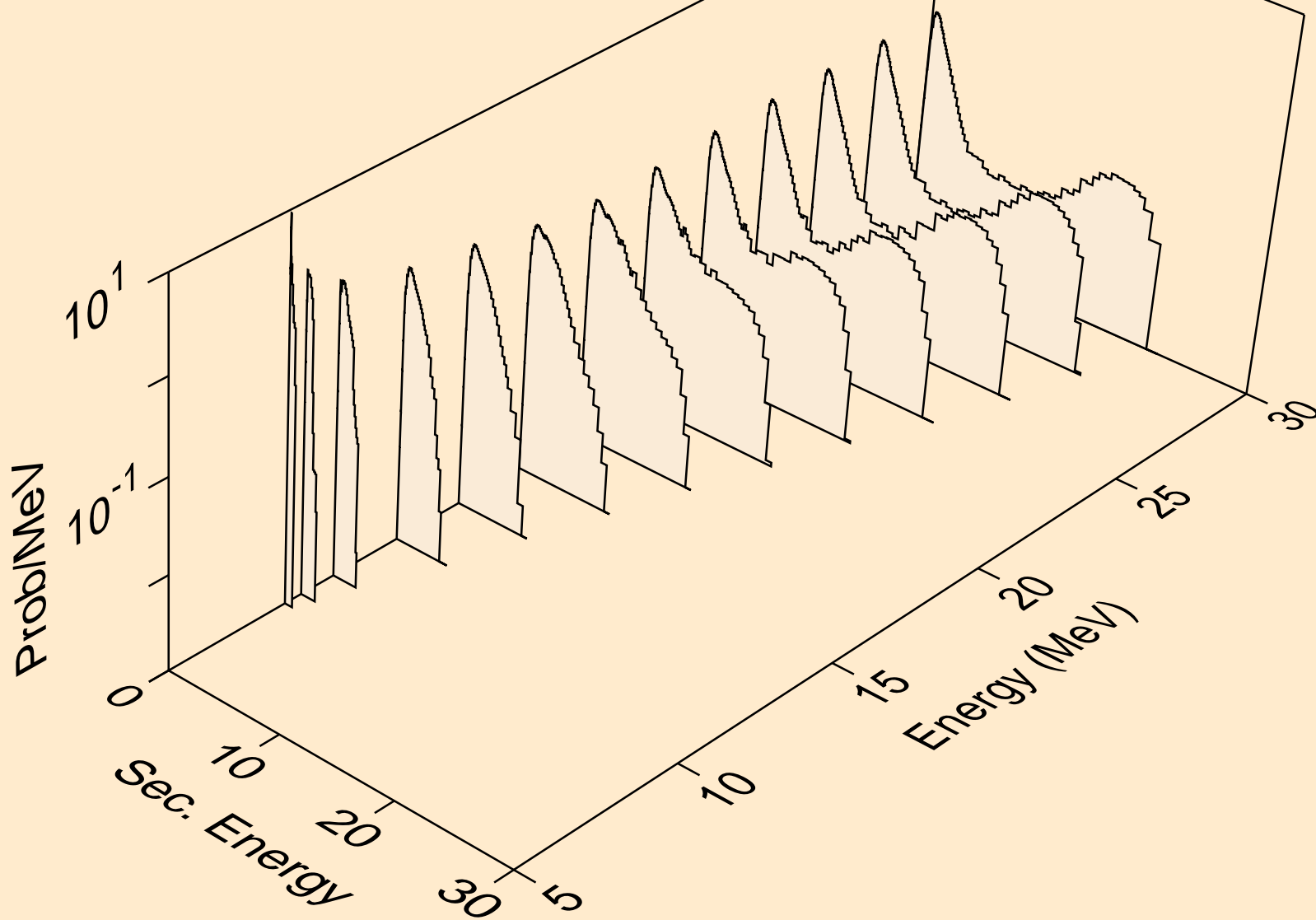
HG211 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2nd)



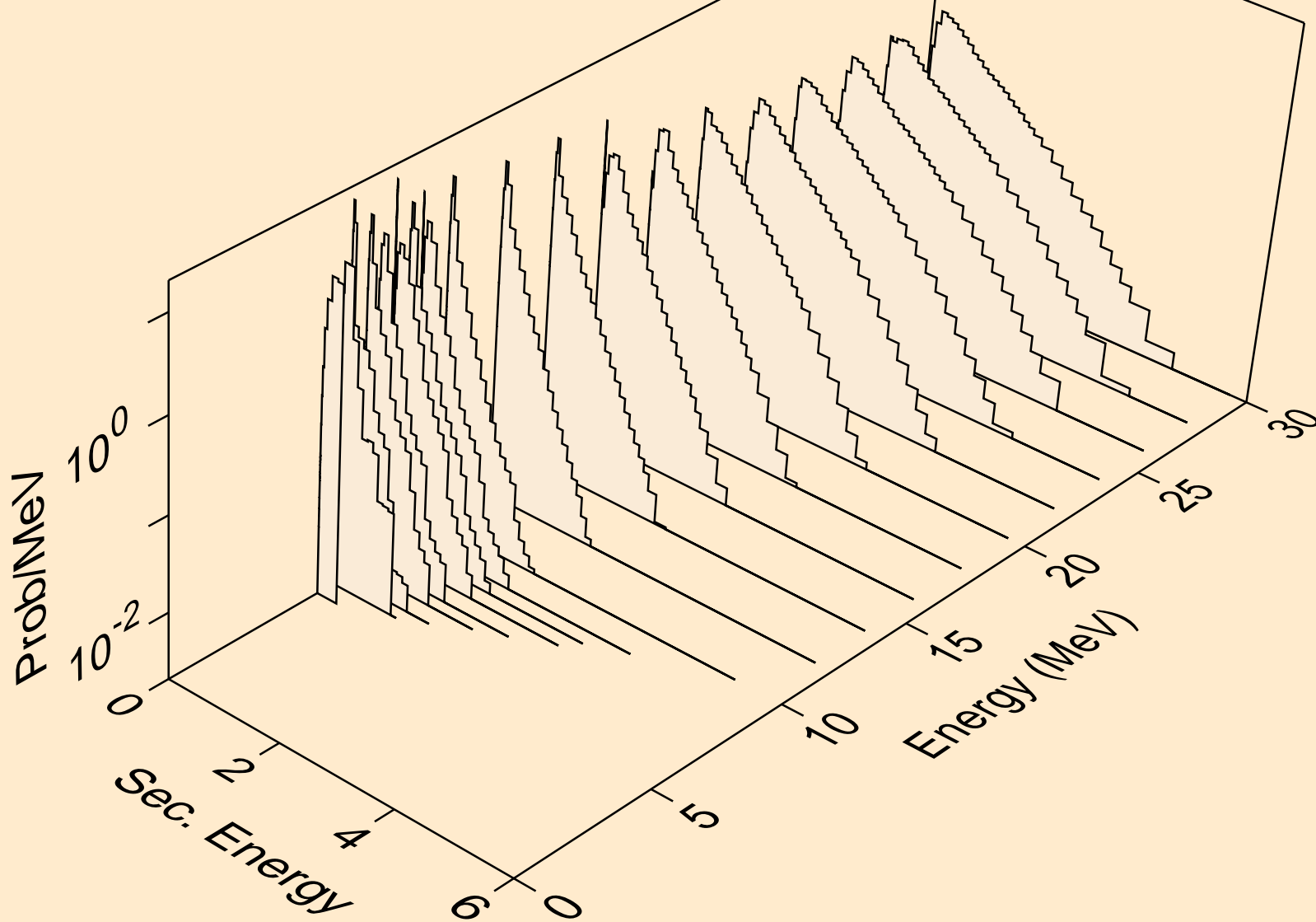
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Neutron emission for (n,2n)



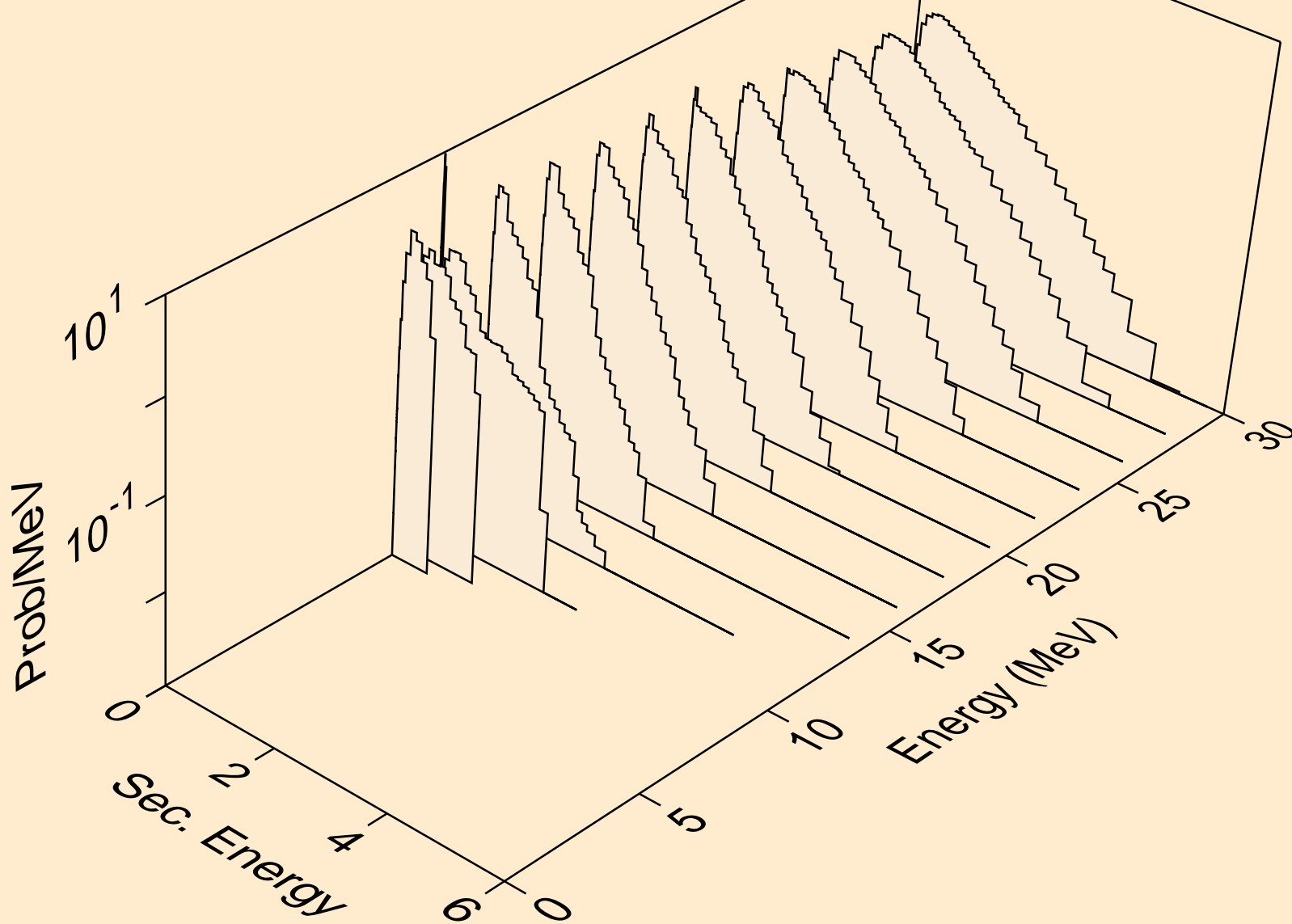
HG211 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)



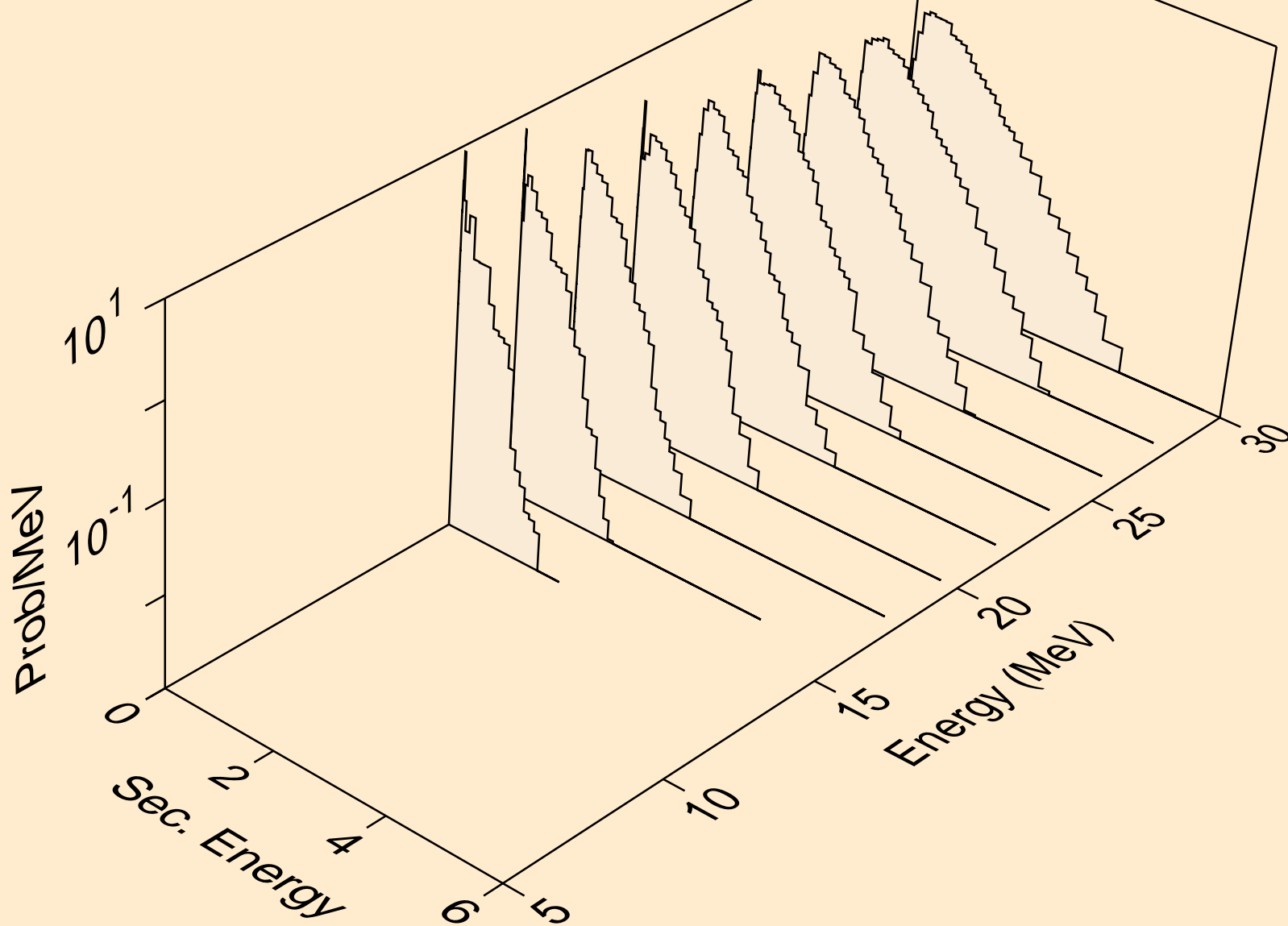
HG211 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)a



HG211 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)a

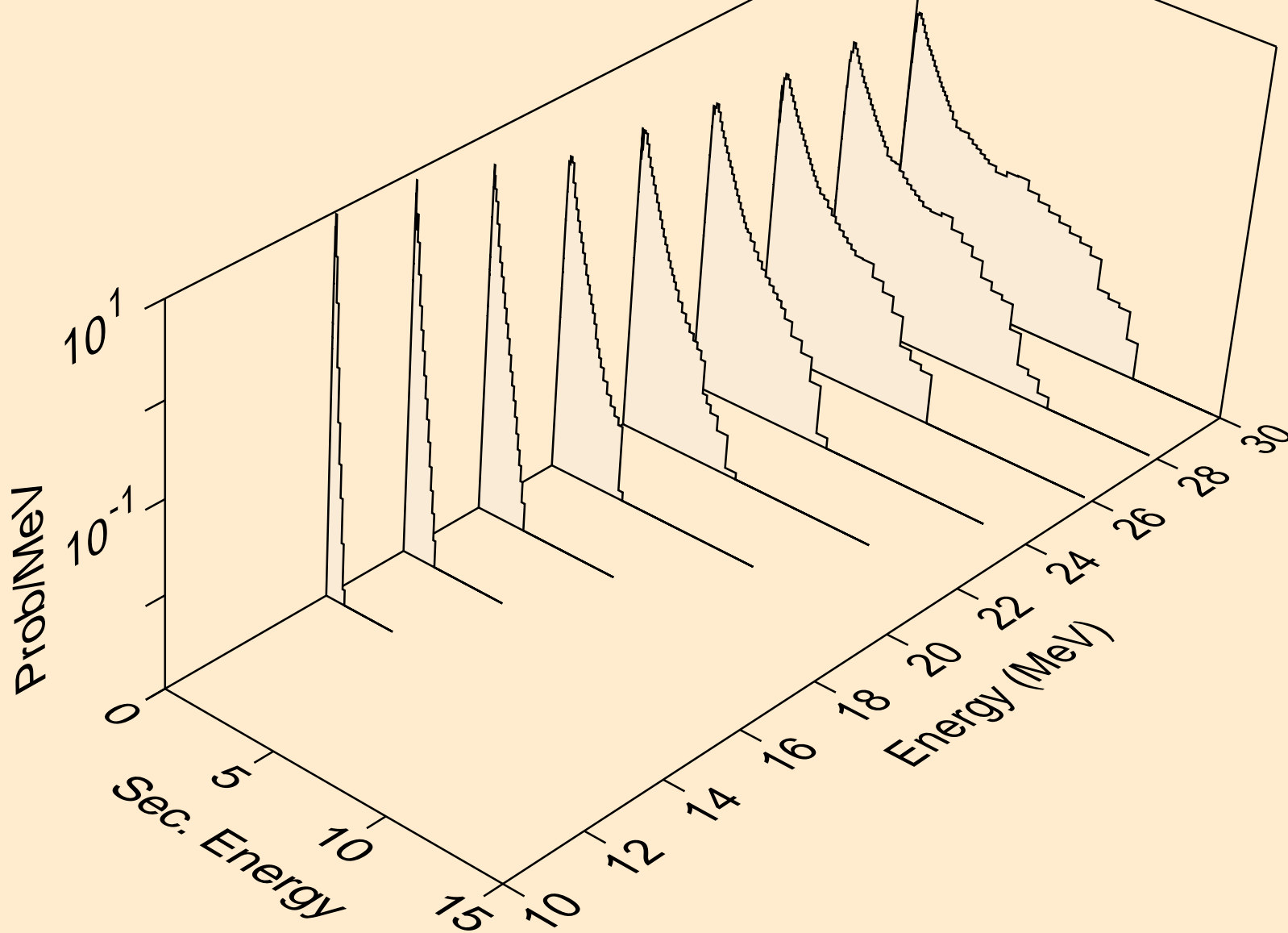


HG211 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)a

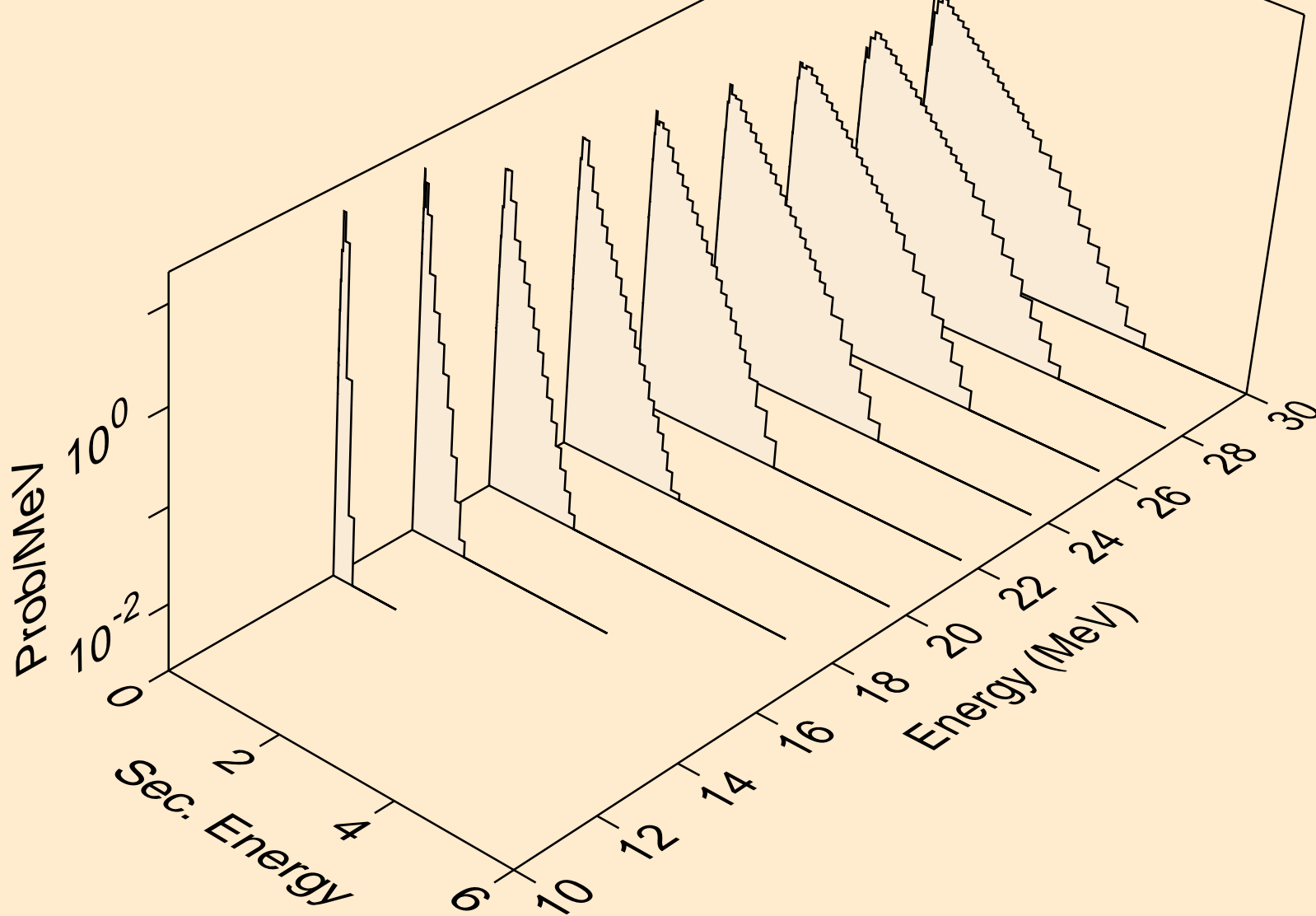




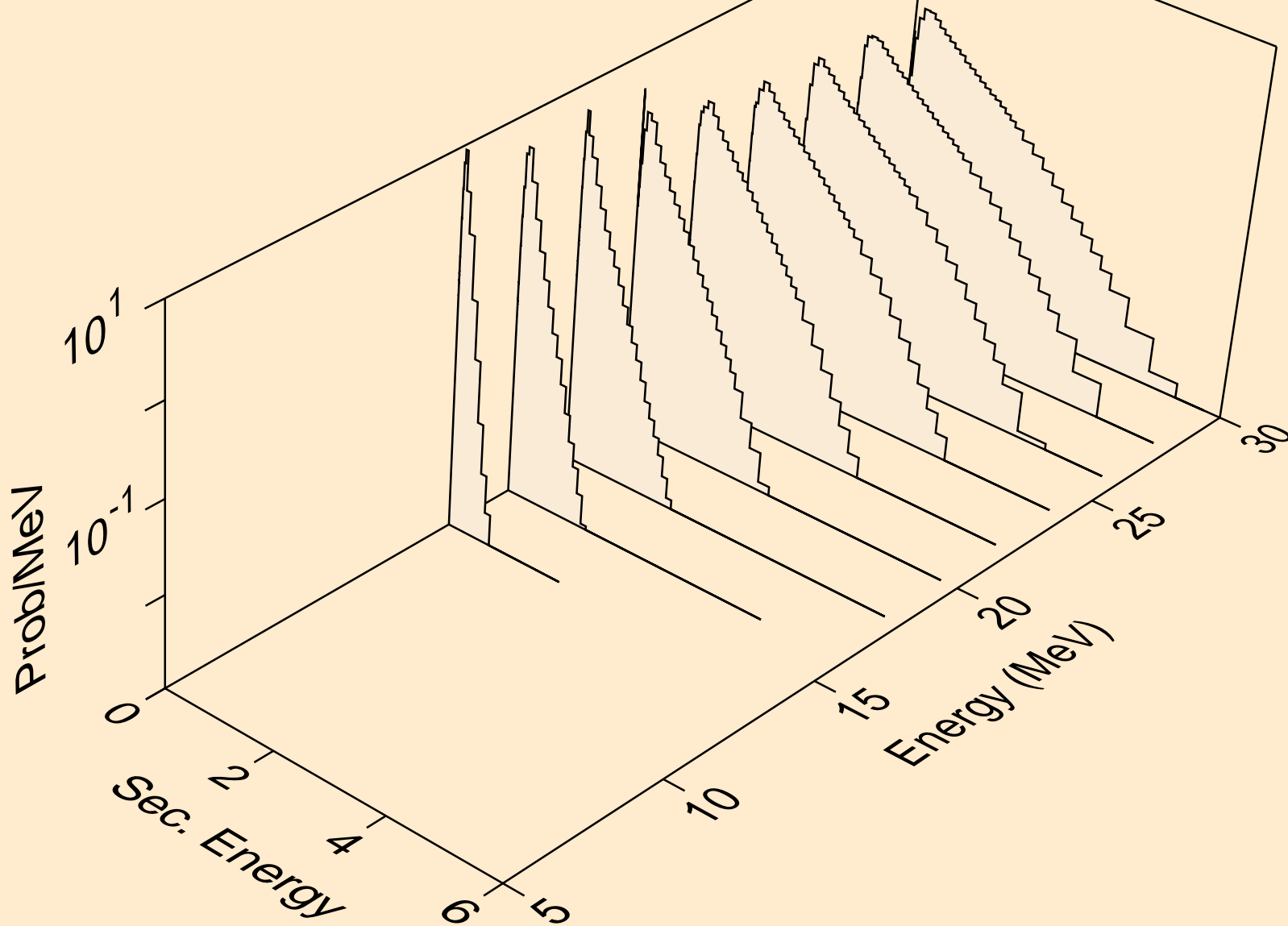
HG211 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)p



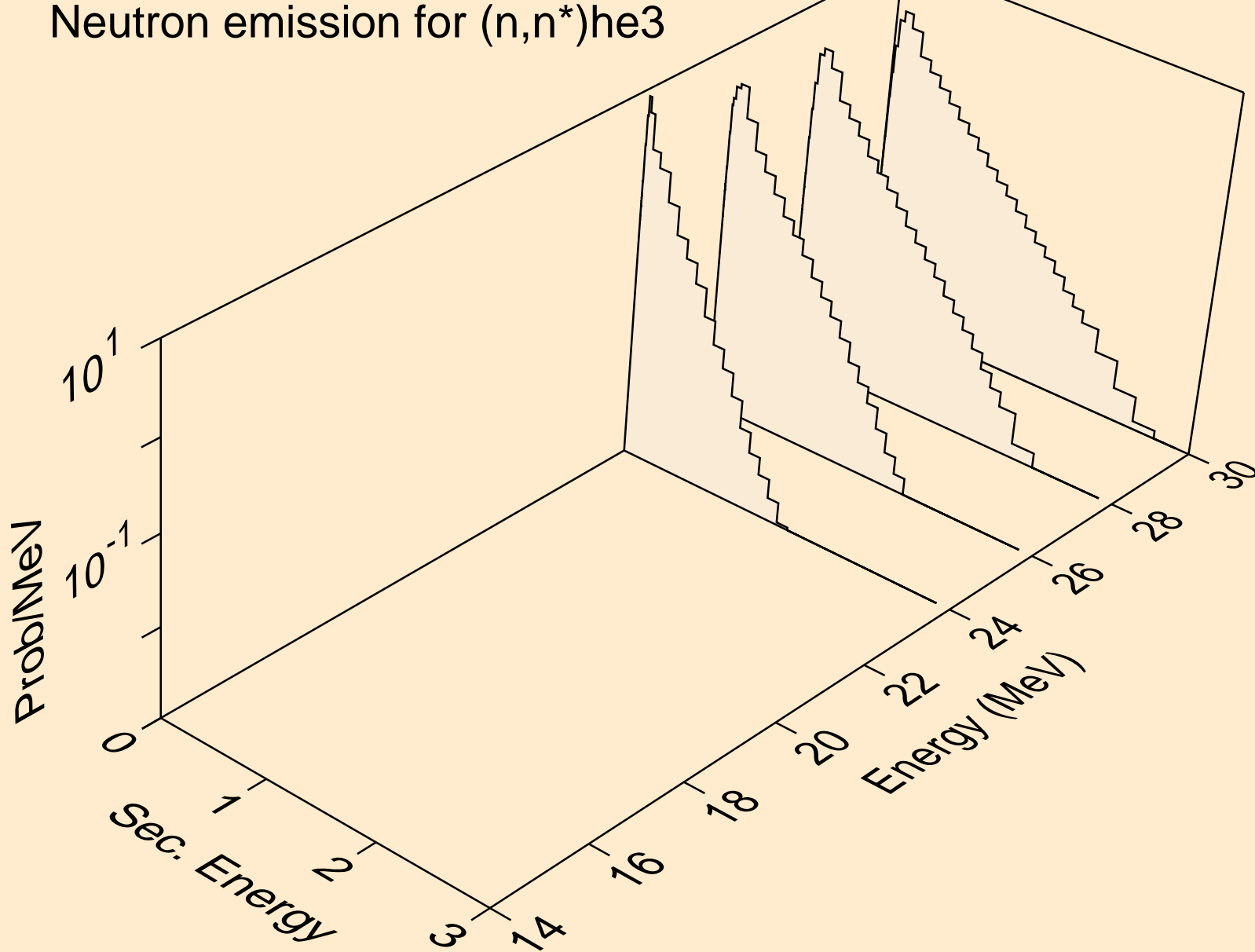
HG211 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)d



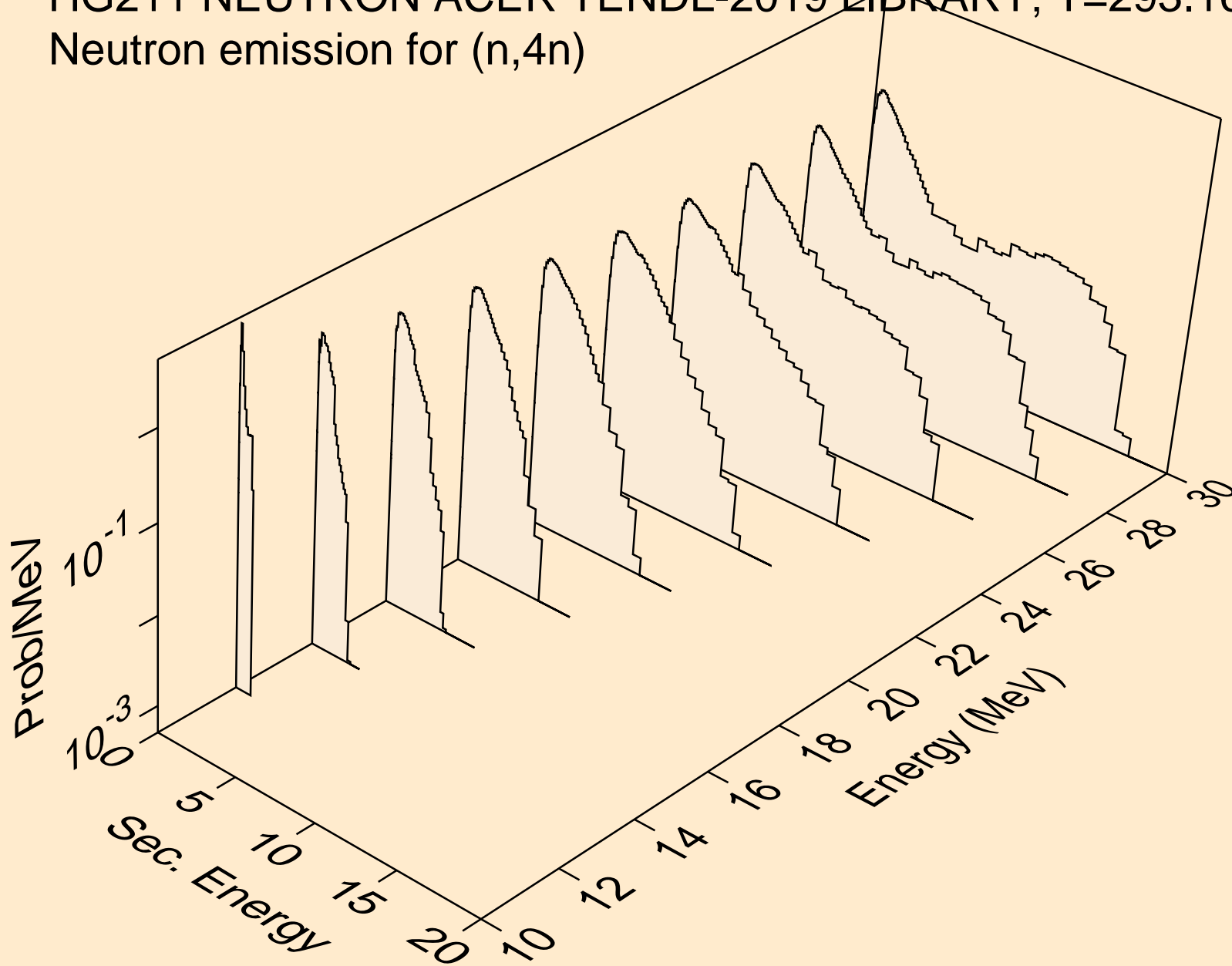
HG211 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)t



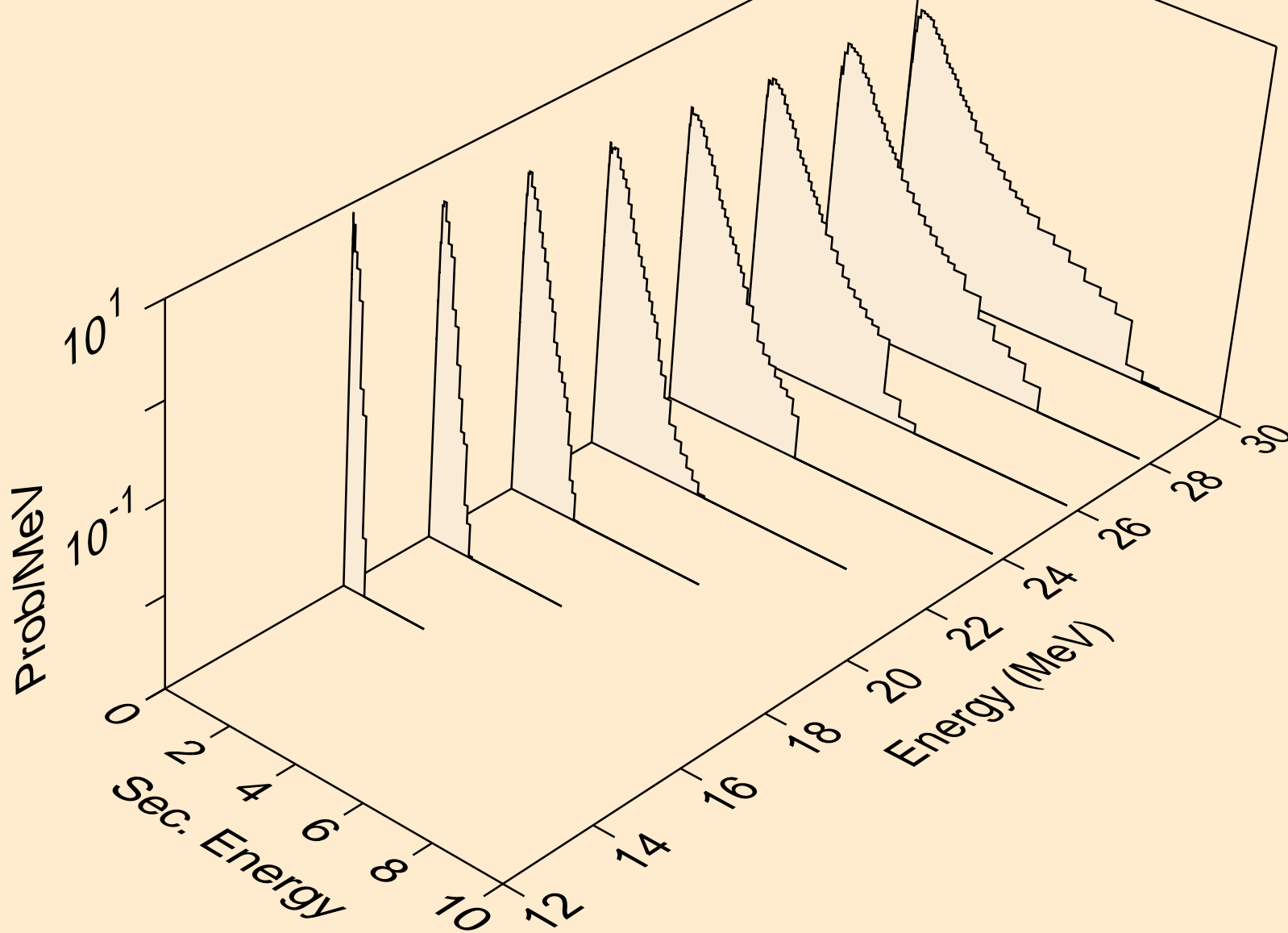
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Neutron emission for (n,n\*)he3



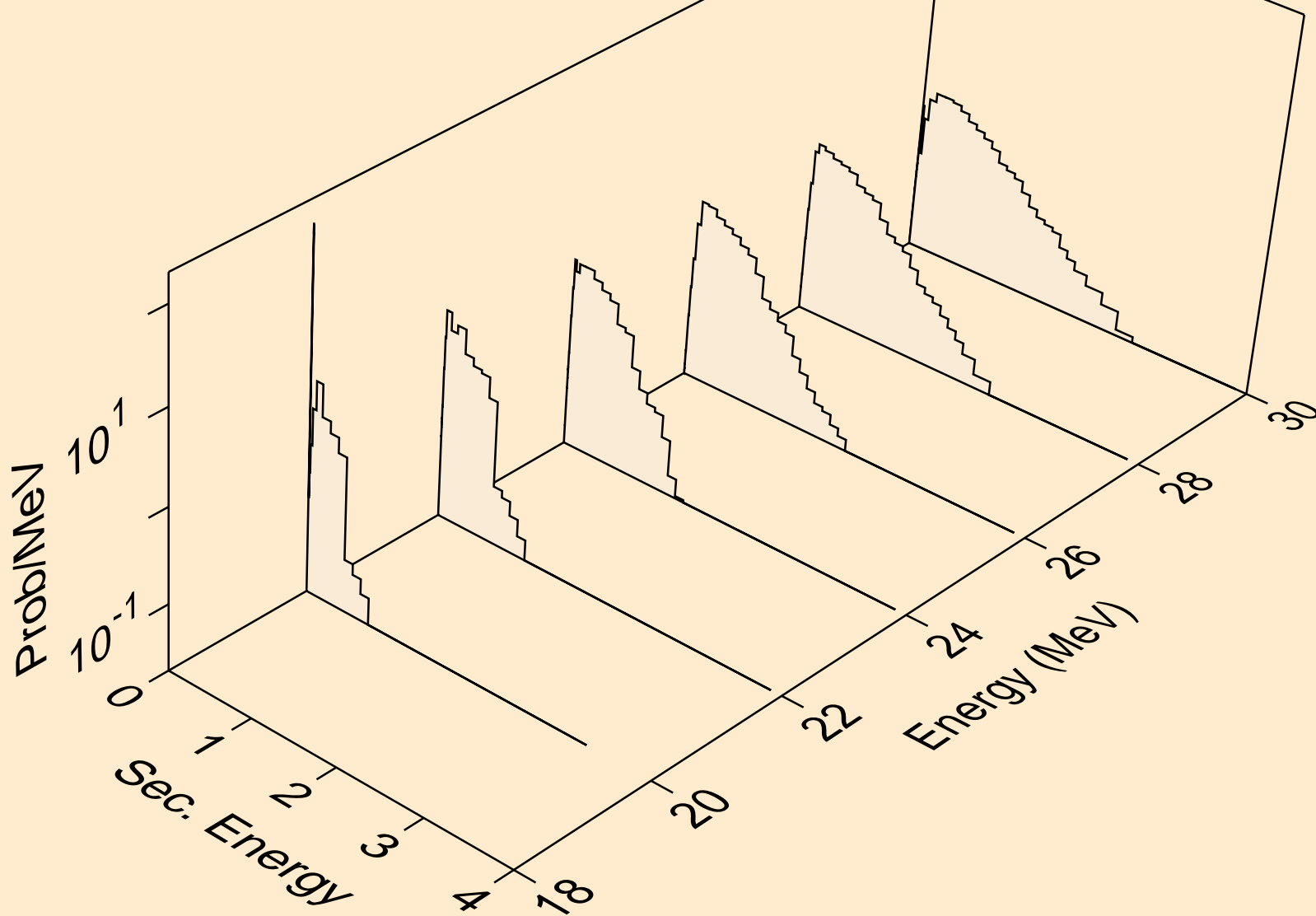
HG211 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,4n)



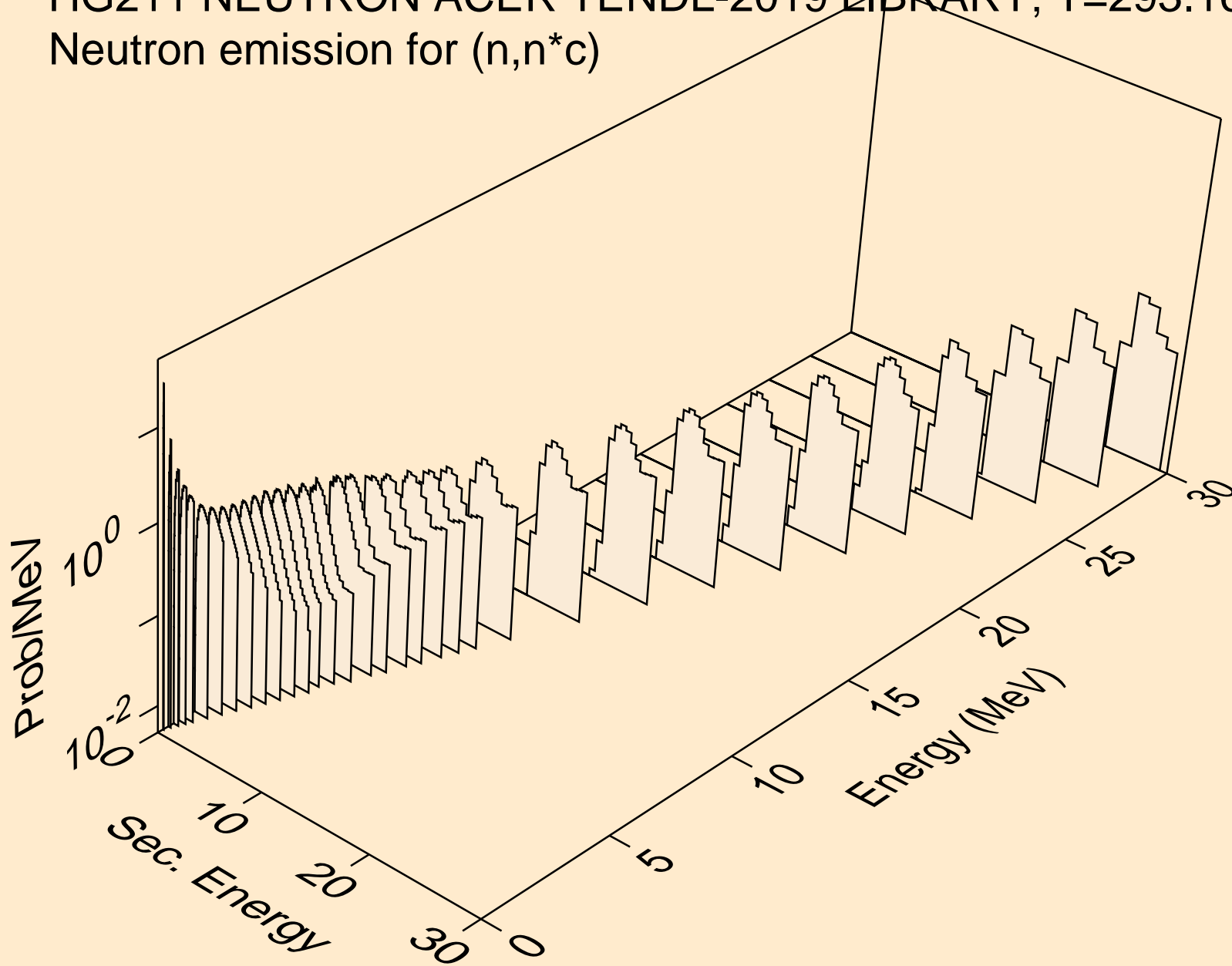
HG211 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2np)



HG211 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3np)

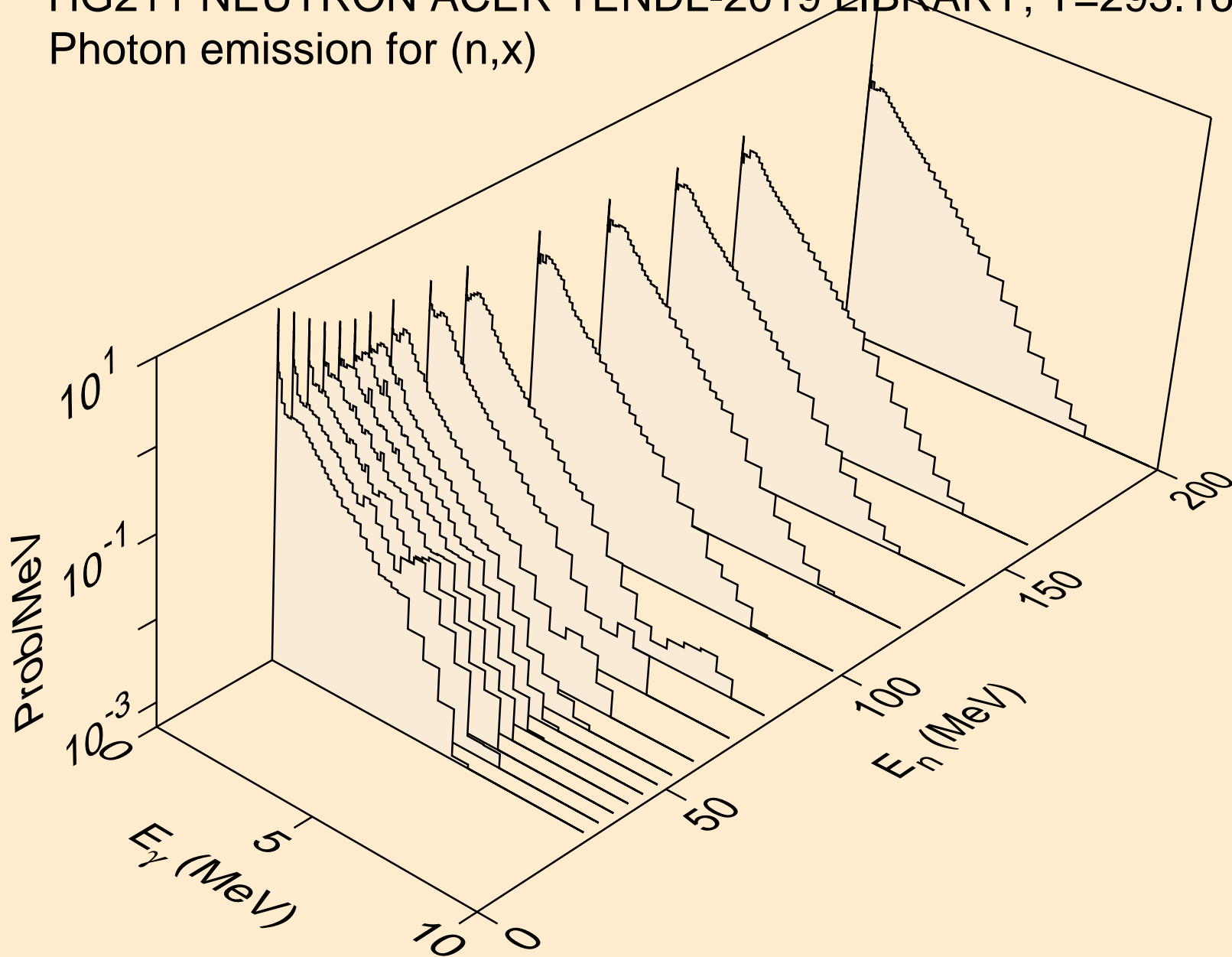


HG211 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*c)

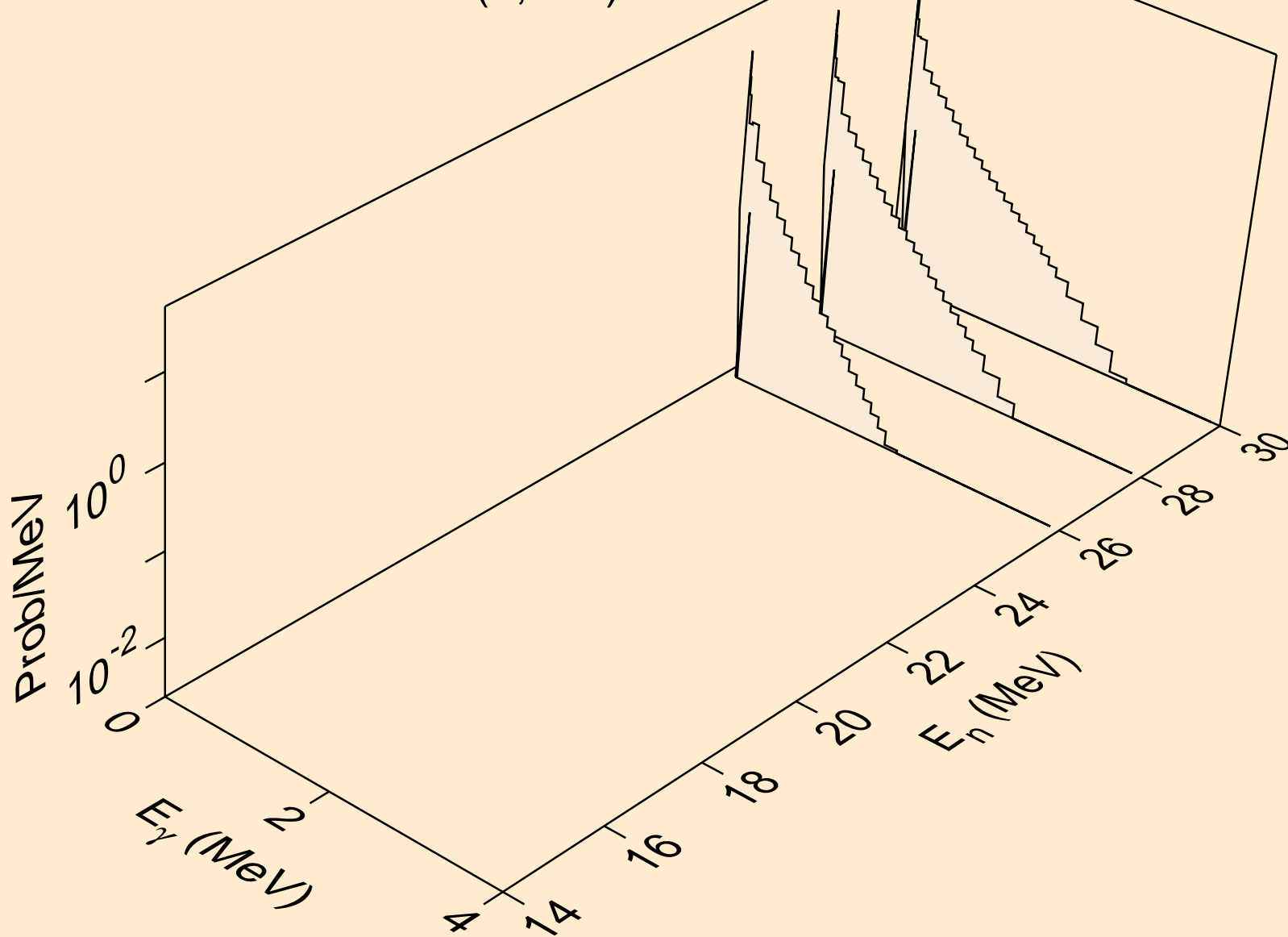




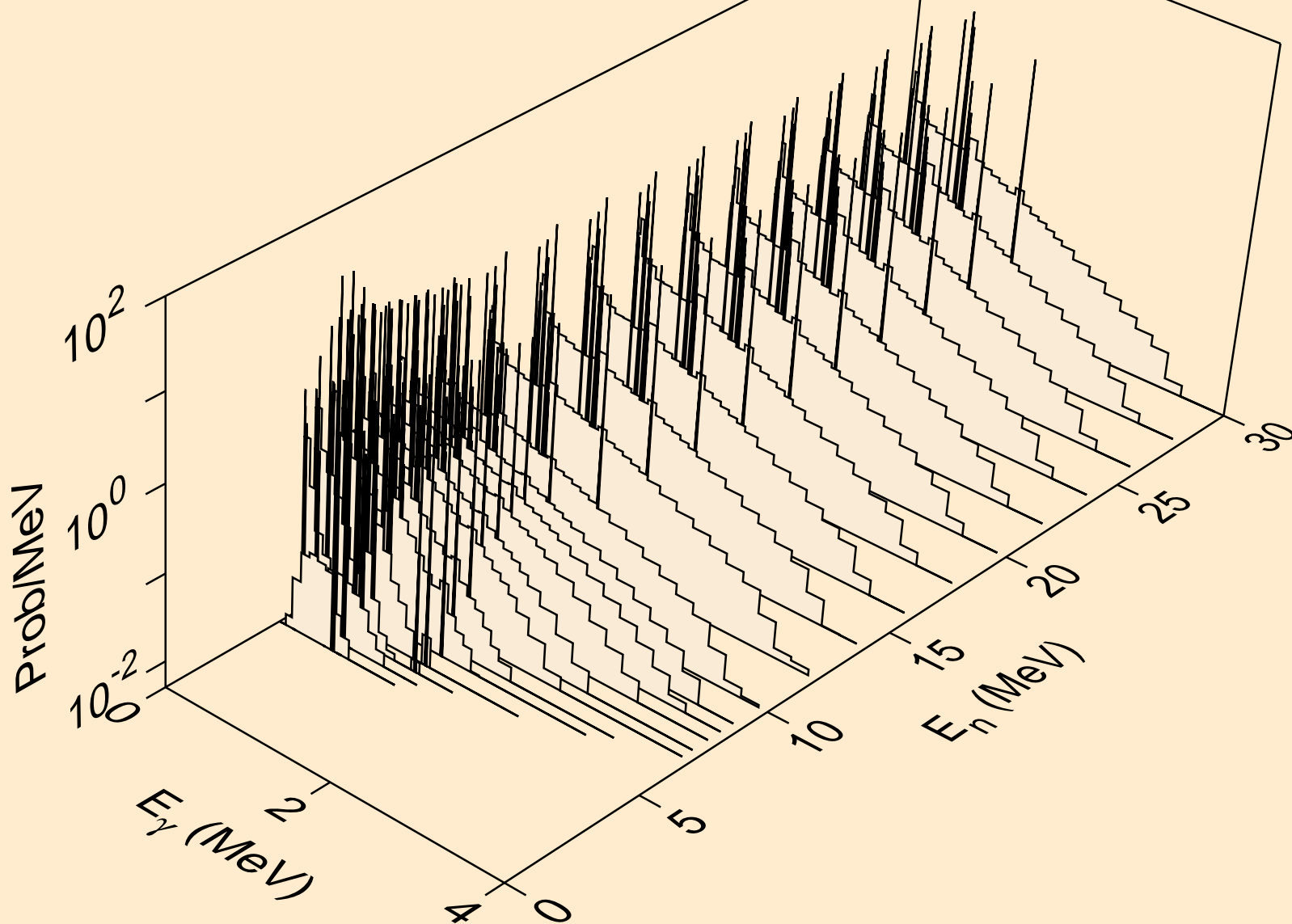
HG211 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,x)



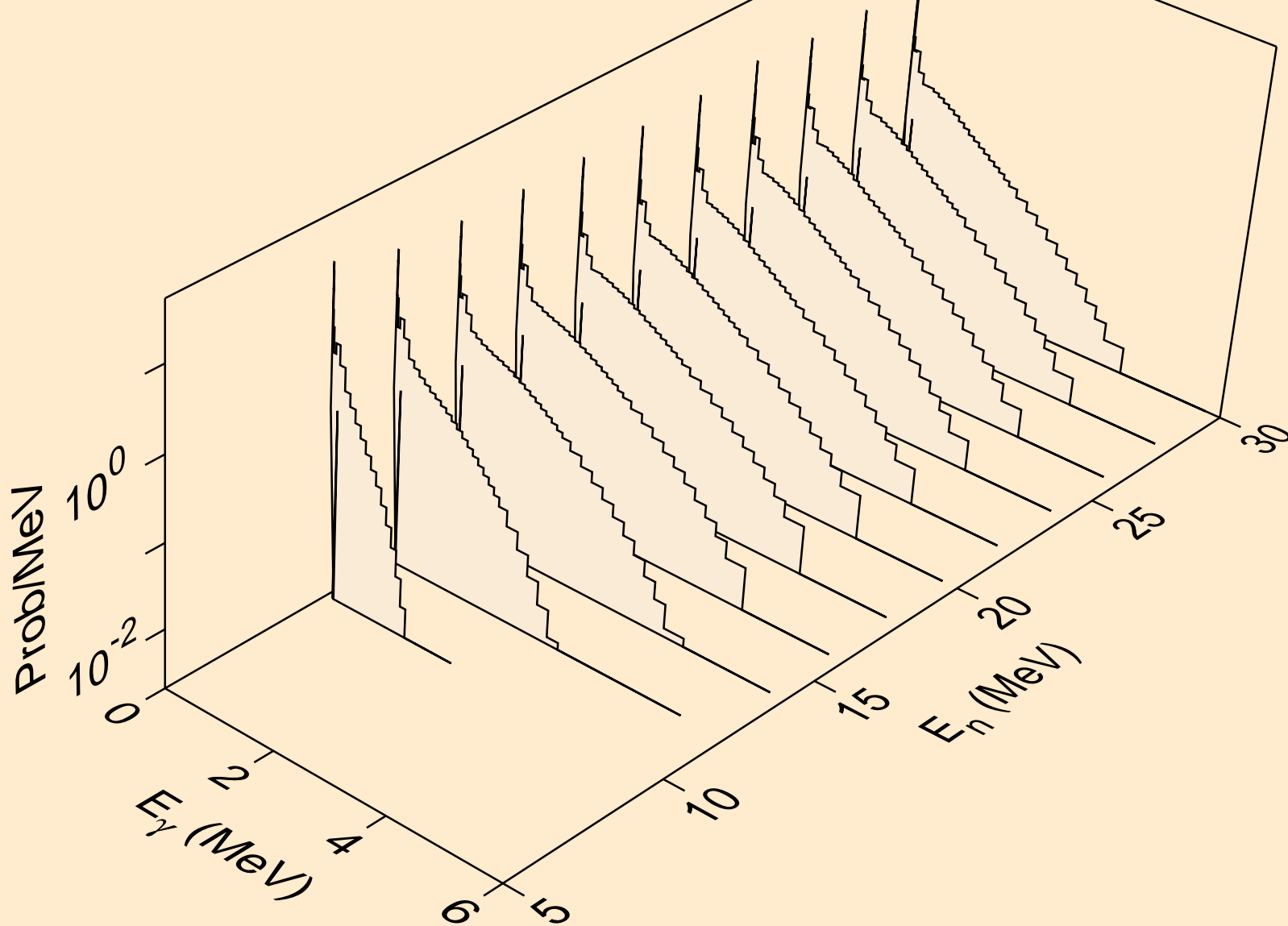
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Photon emission for (n,2nd)



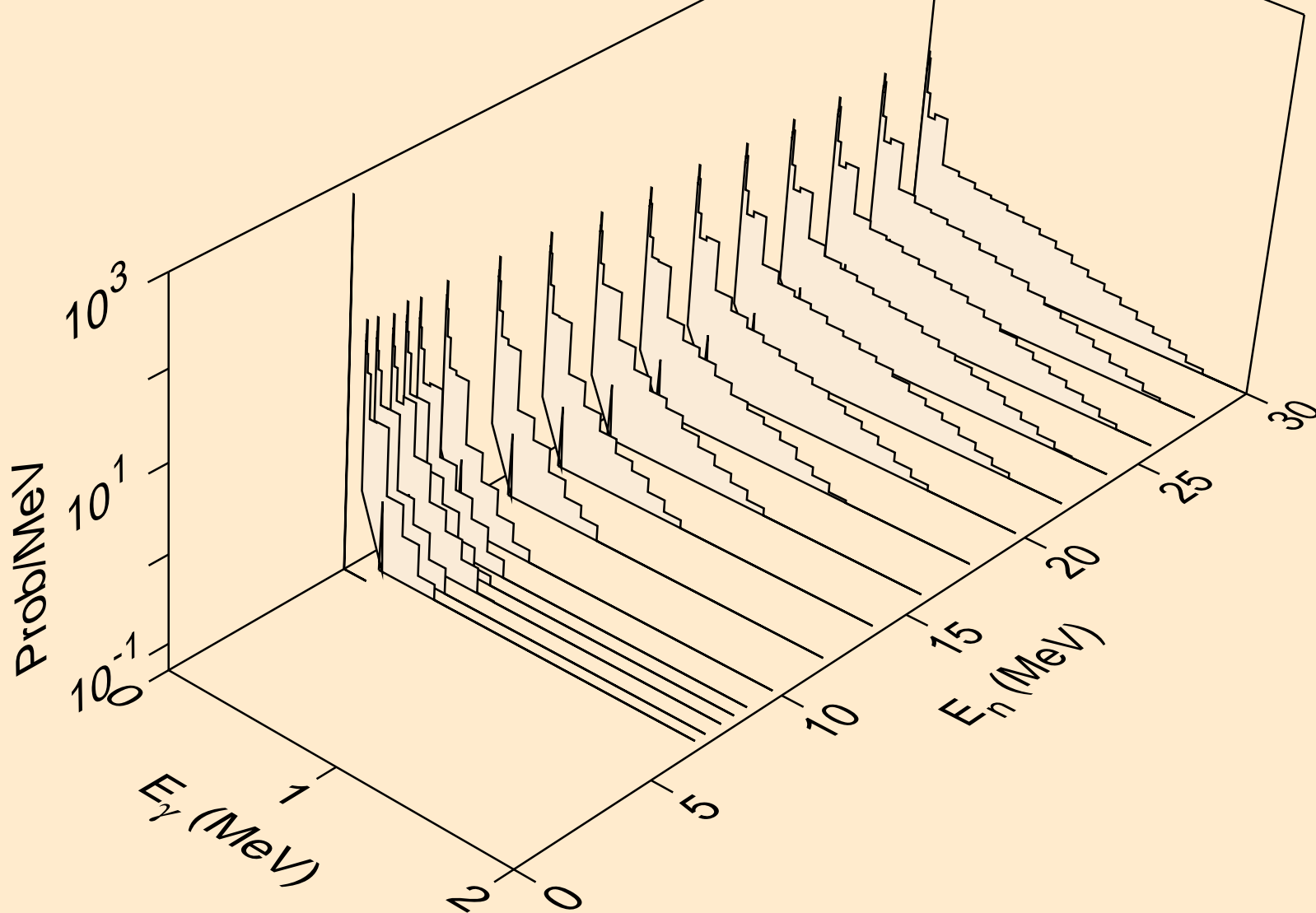
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Photon emission for (n,2n)



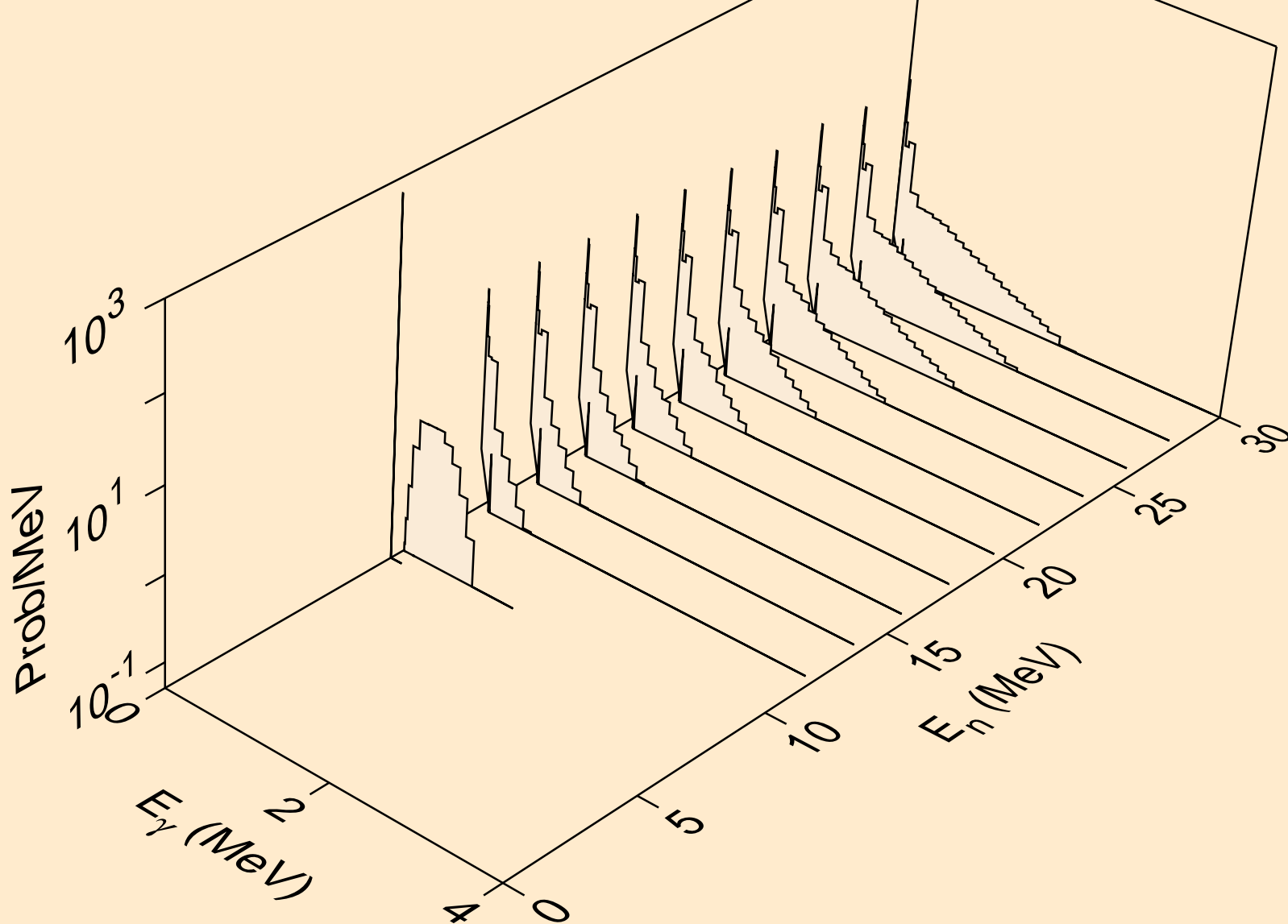
HG211 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)



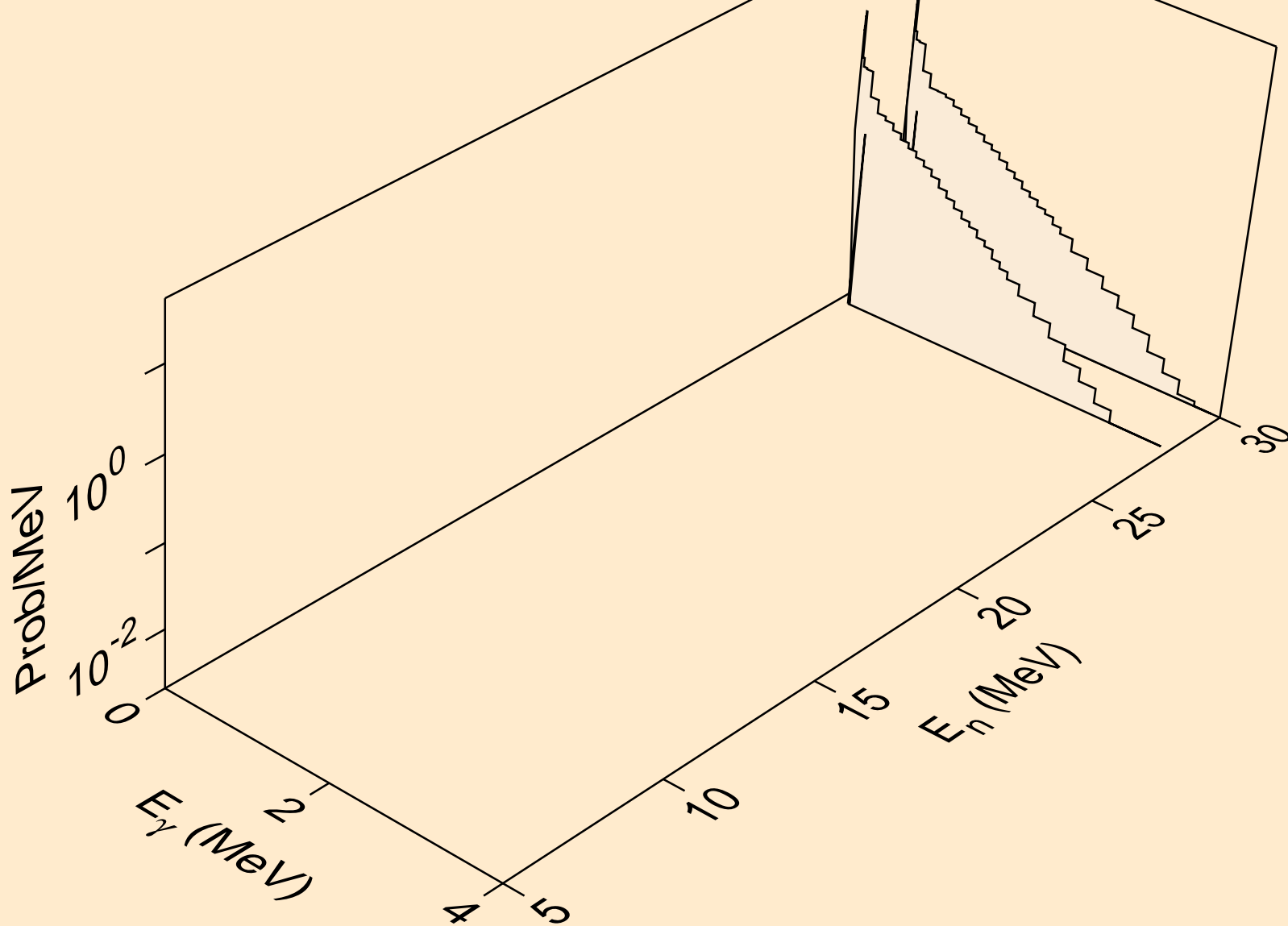
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Photon emission for (n,n\*)a



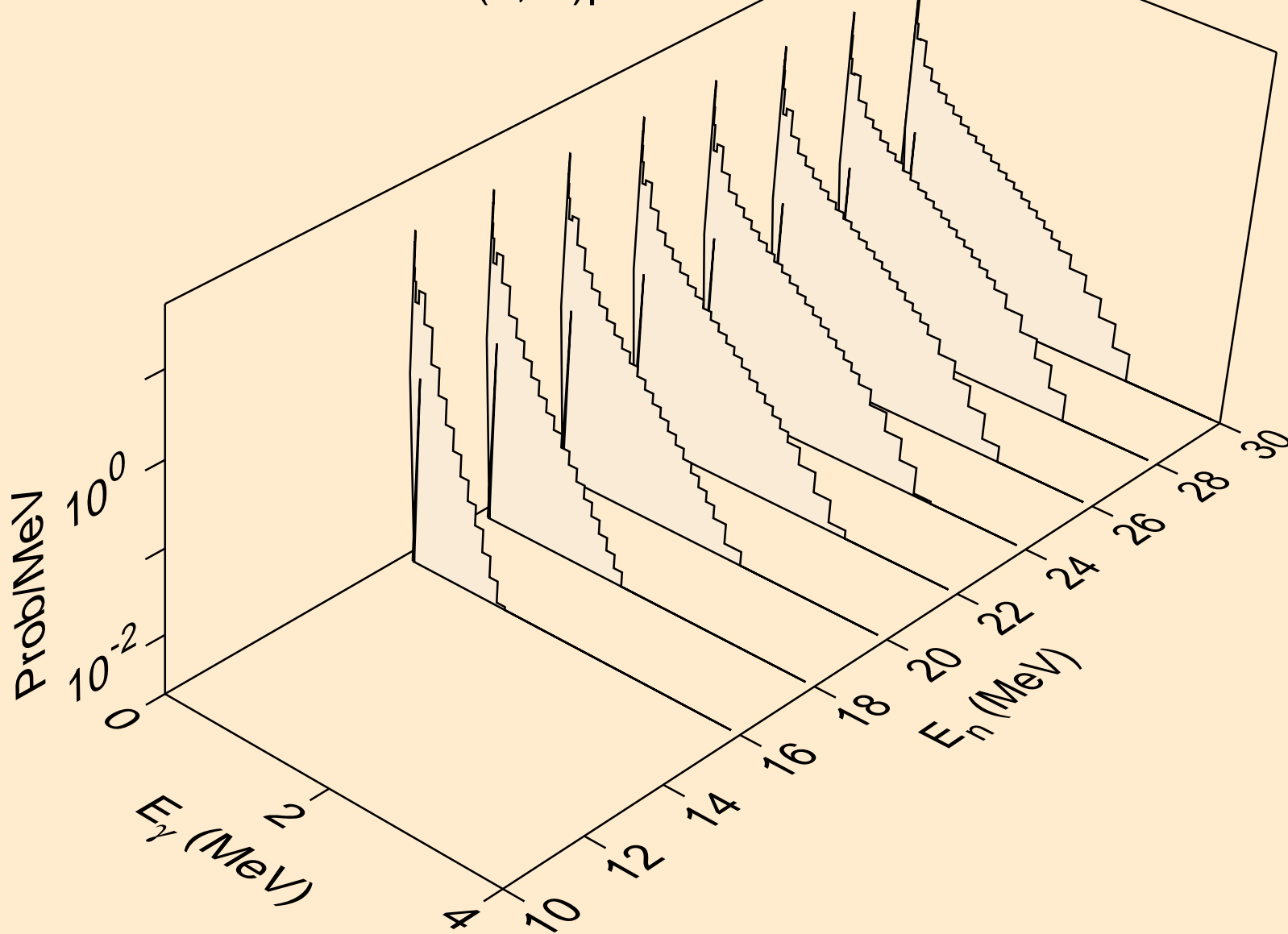
HG211 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n) $\alpha$



HG211 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)a

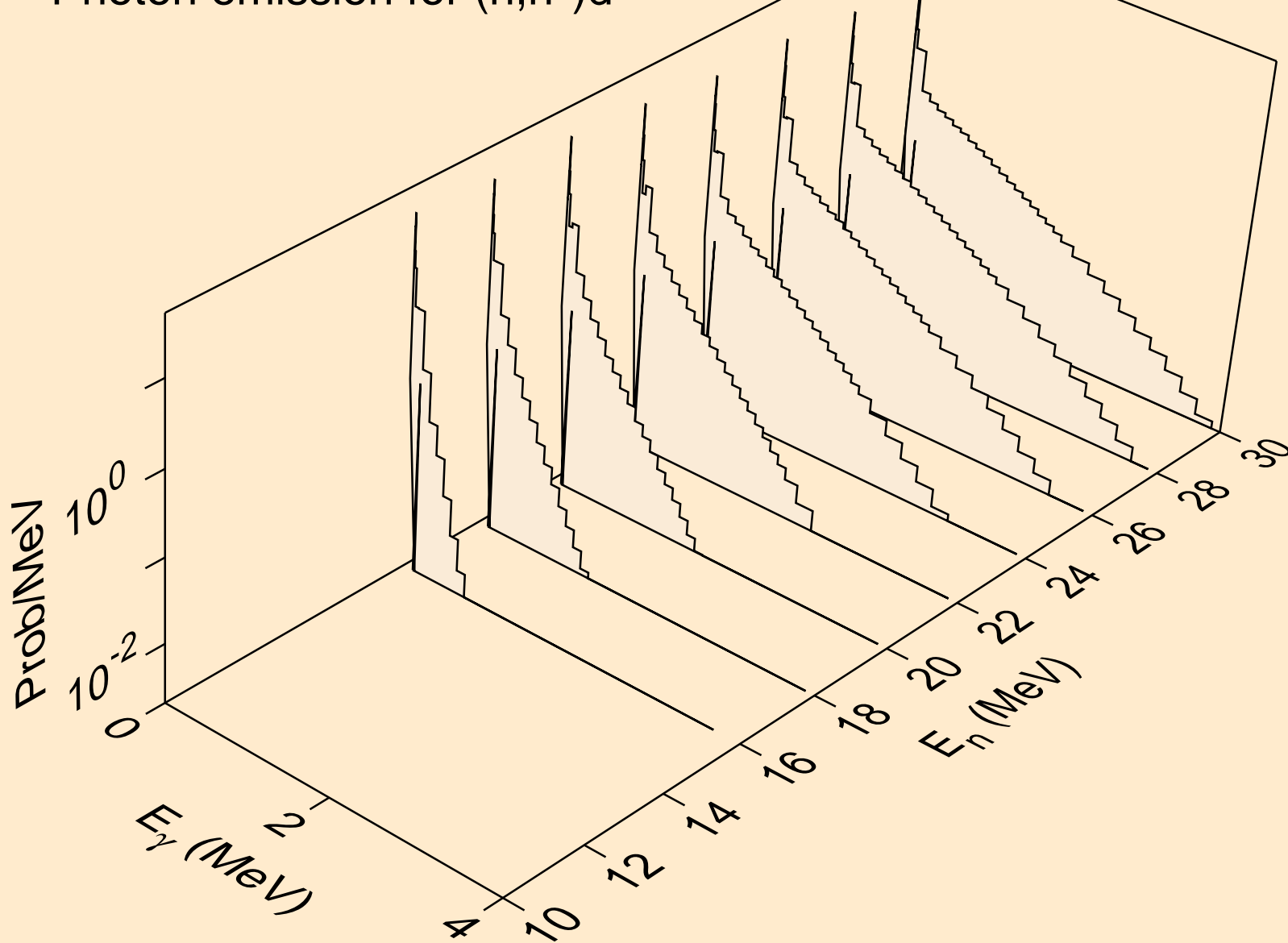


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Photon emission for (n,n\*)p

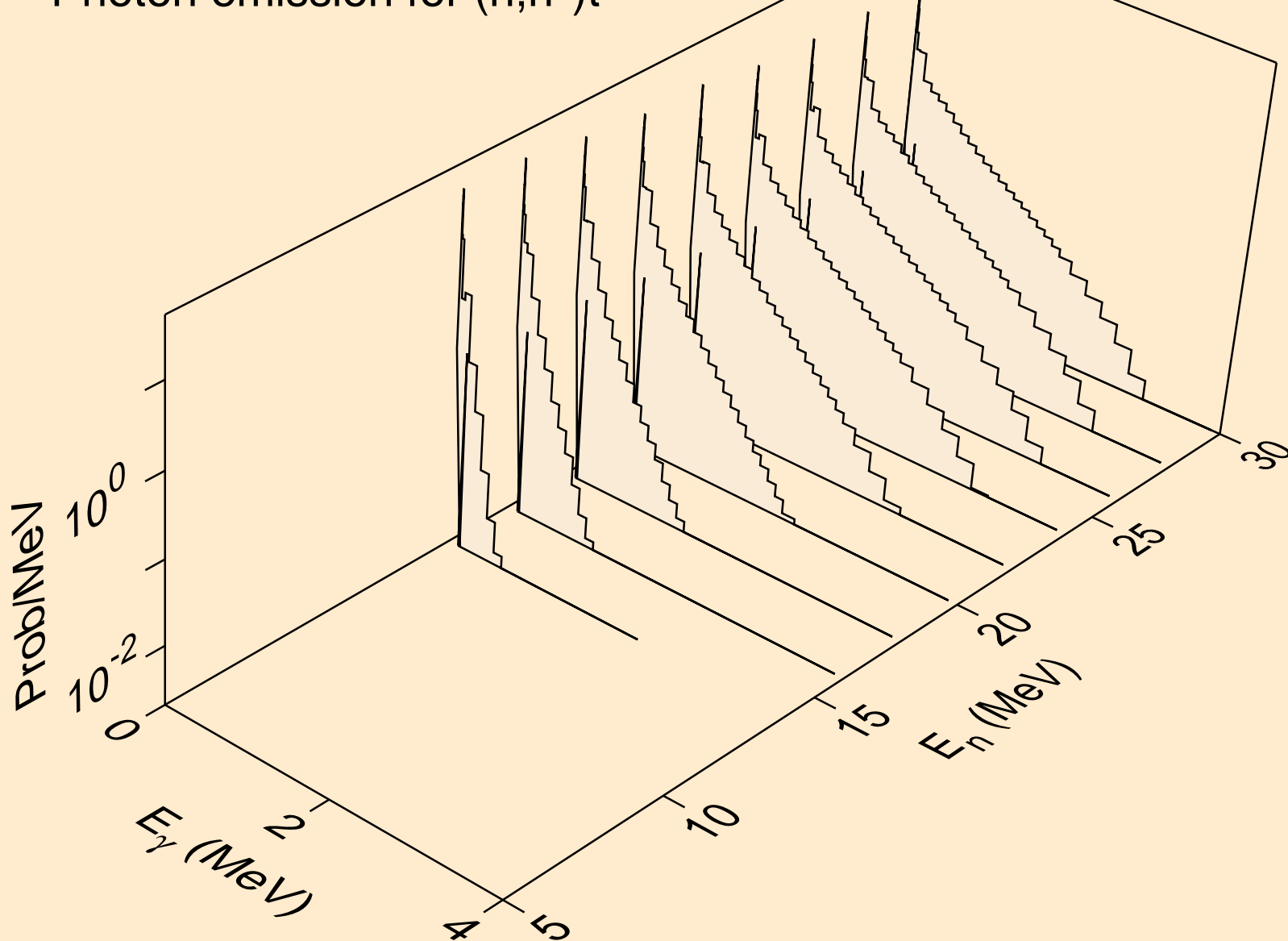




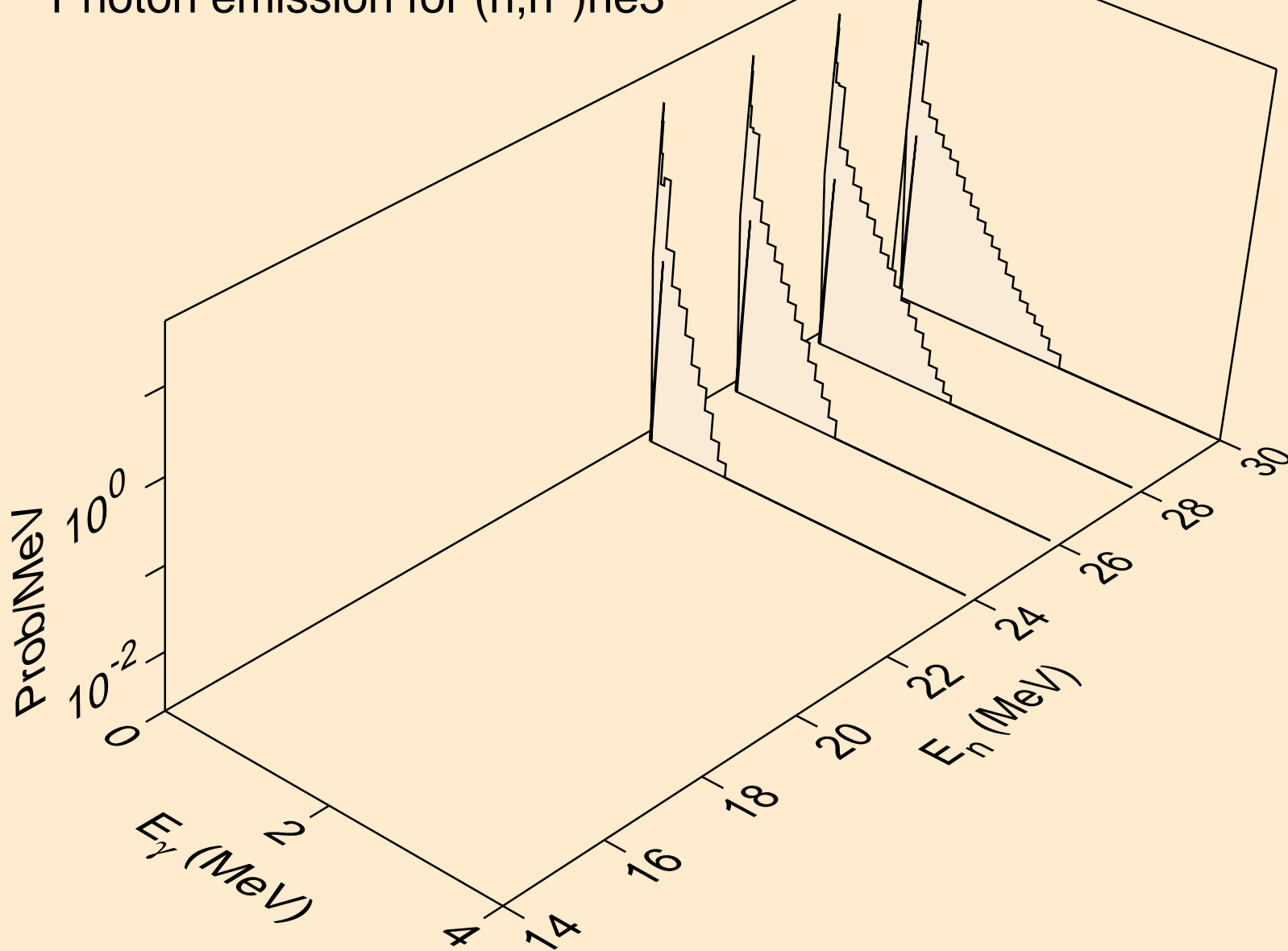
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Photon emission for (n,n\*)d



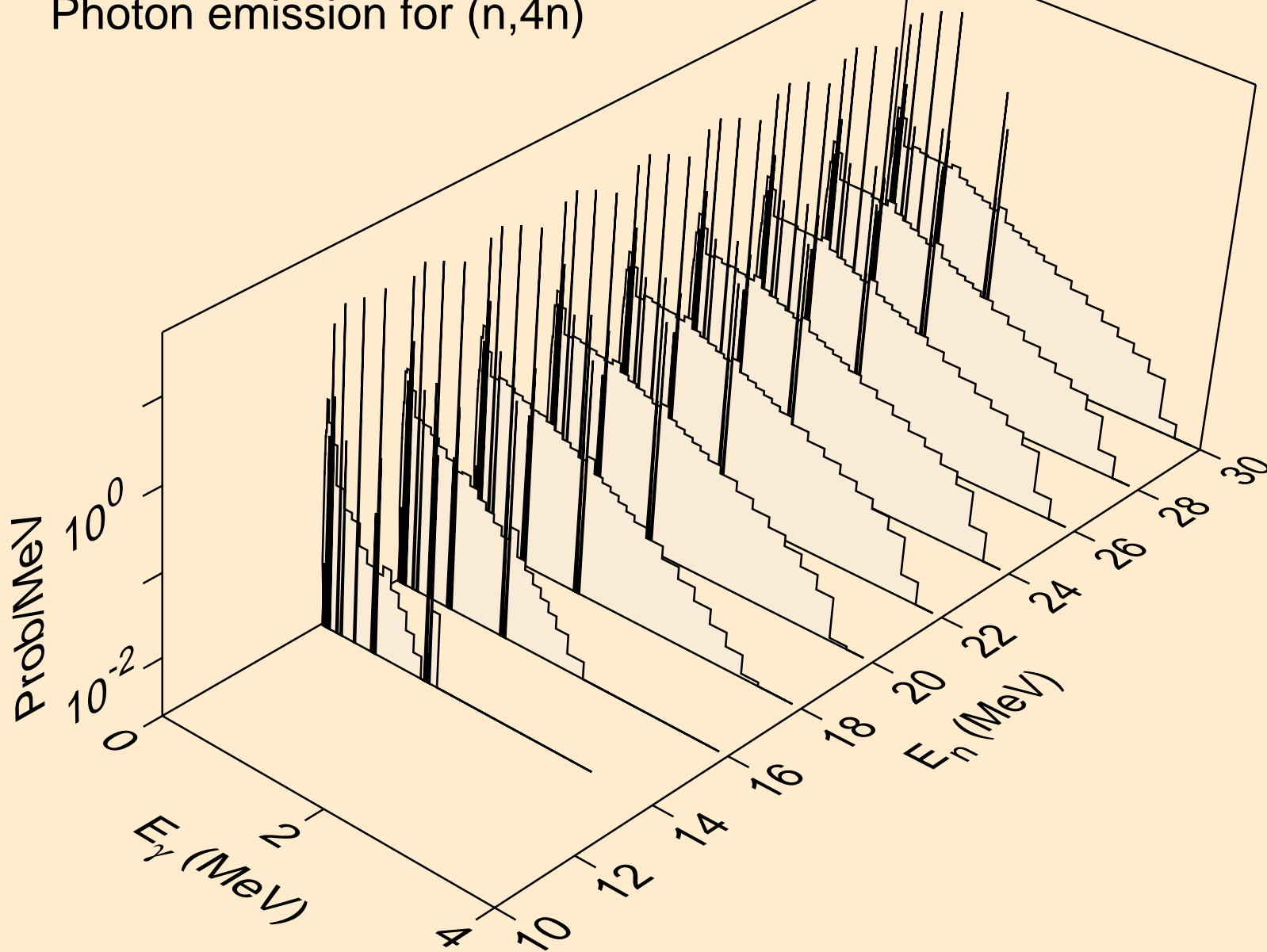
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Photon emission for (n,n\*)t



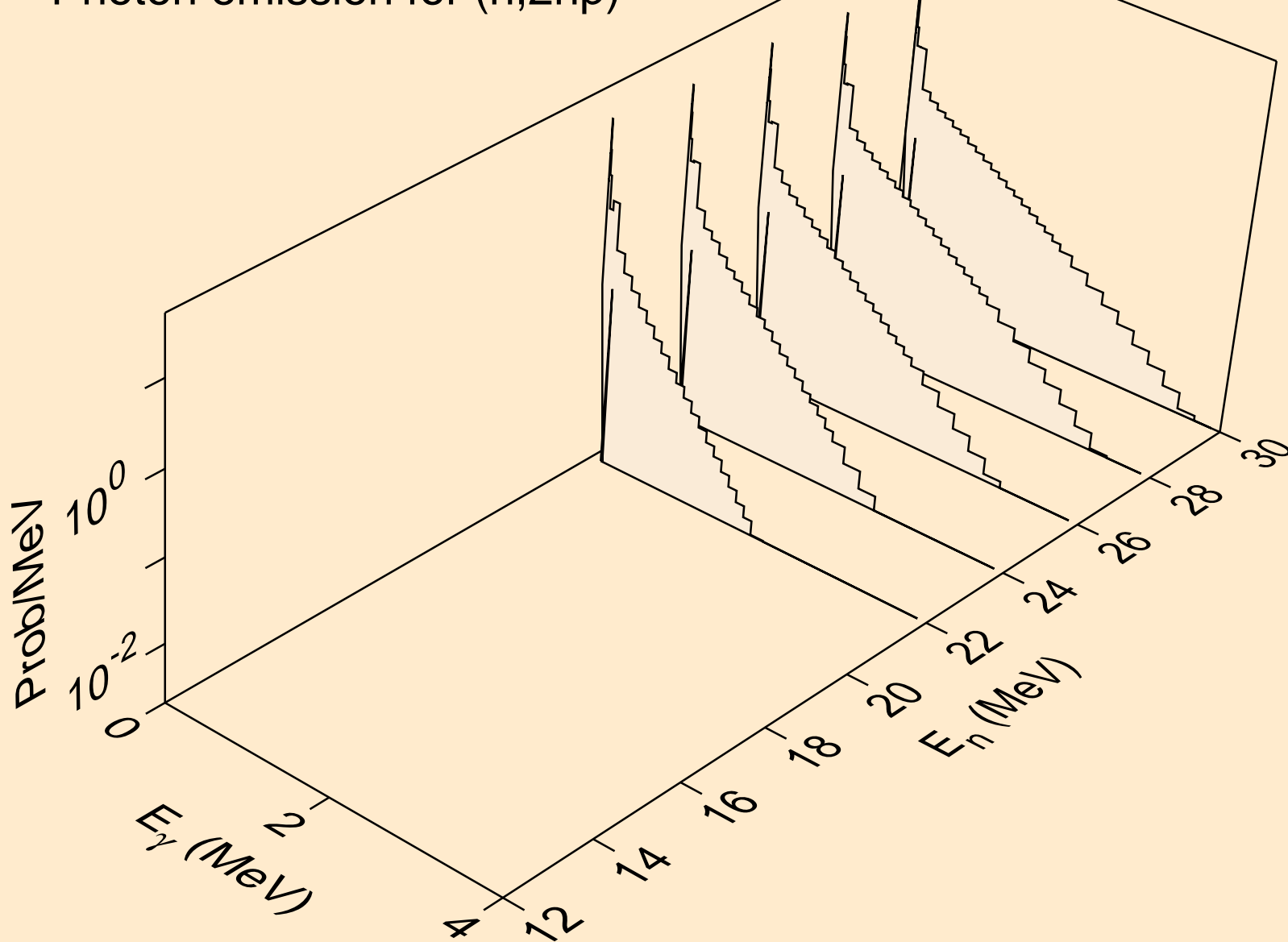
HG211 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)he3



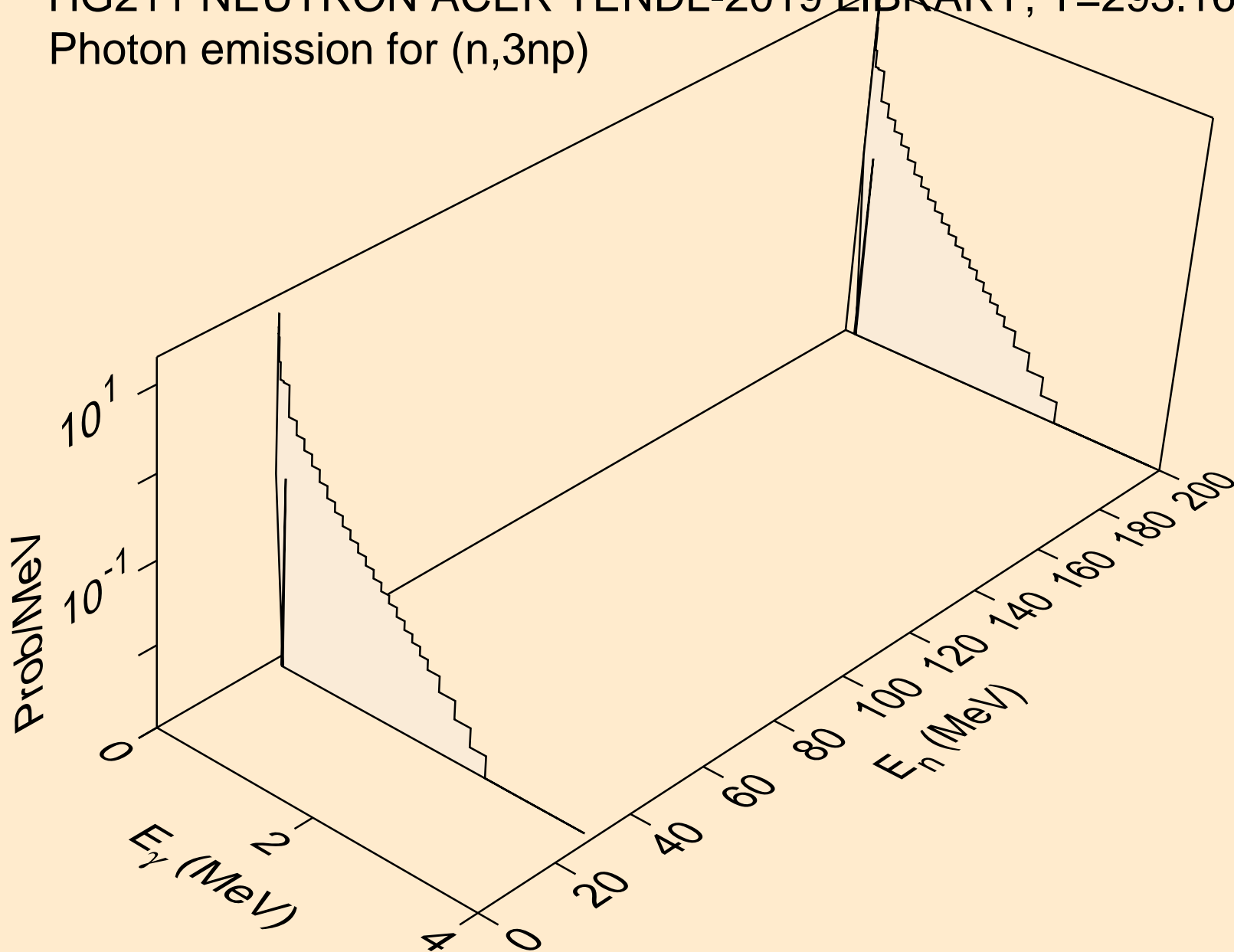
HG211 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,4n)



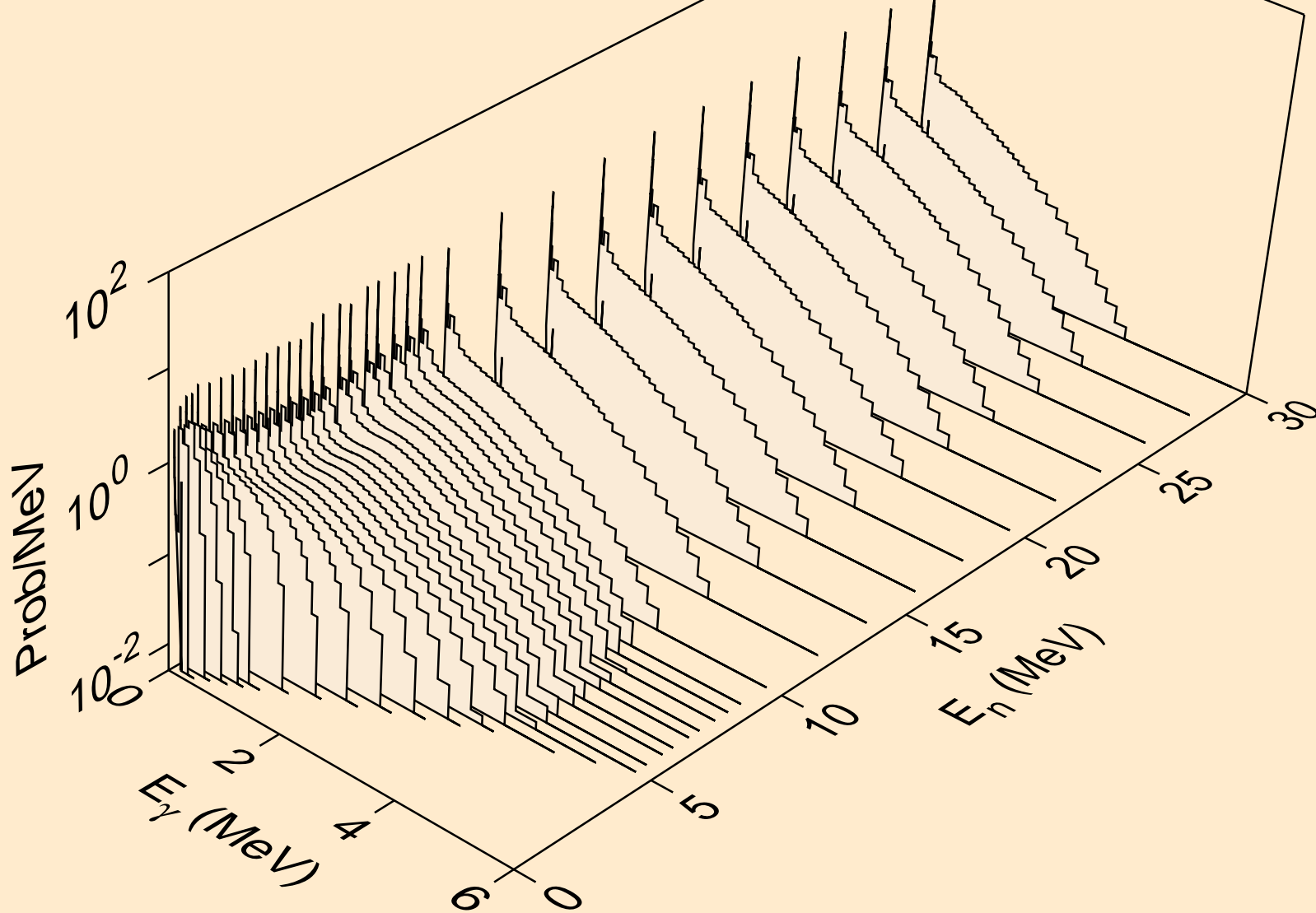
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Photon emission for (n,2np)



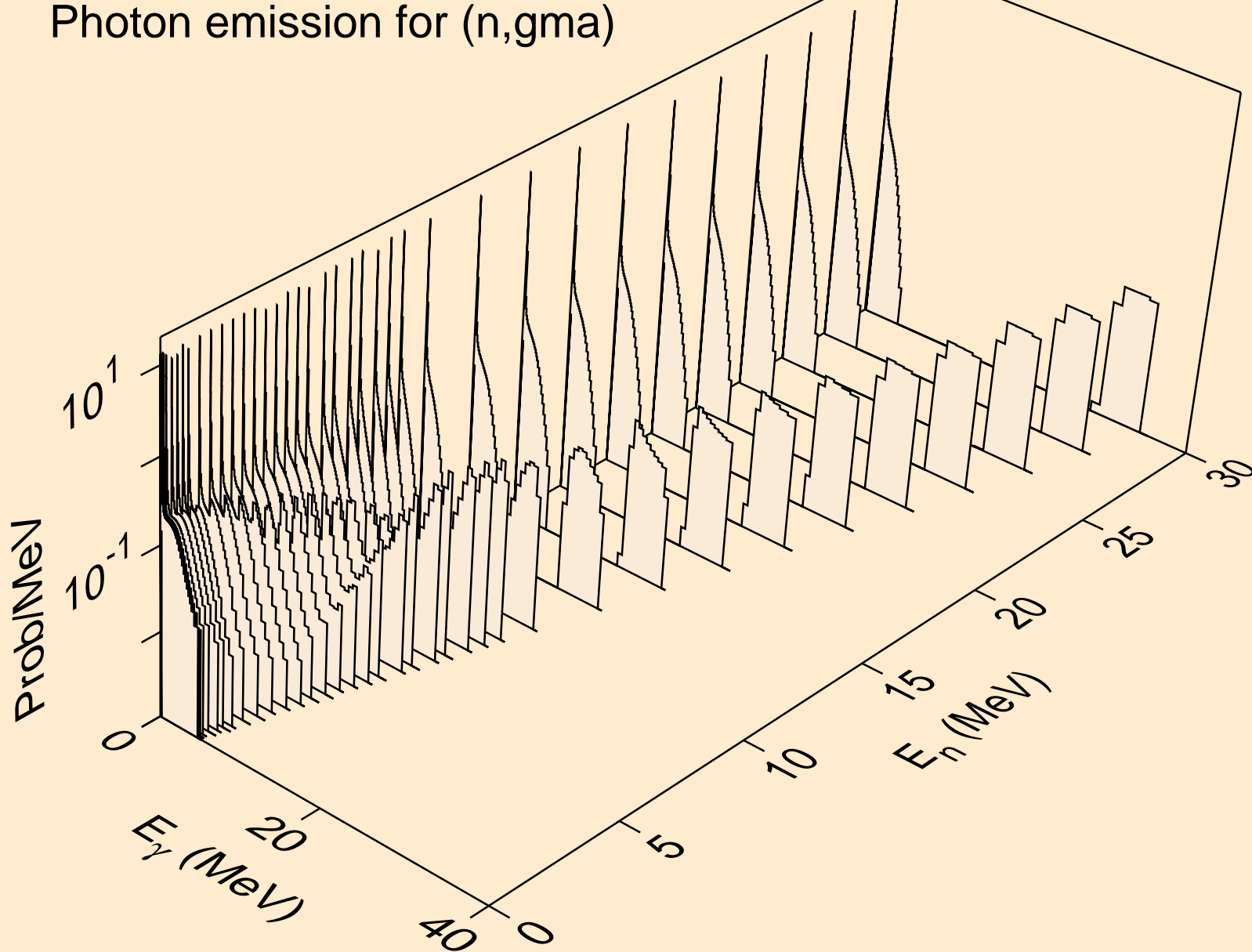
HG211 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3np)



HG211 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*c)

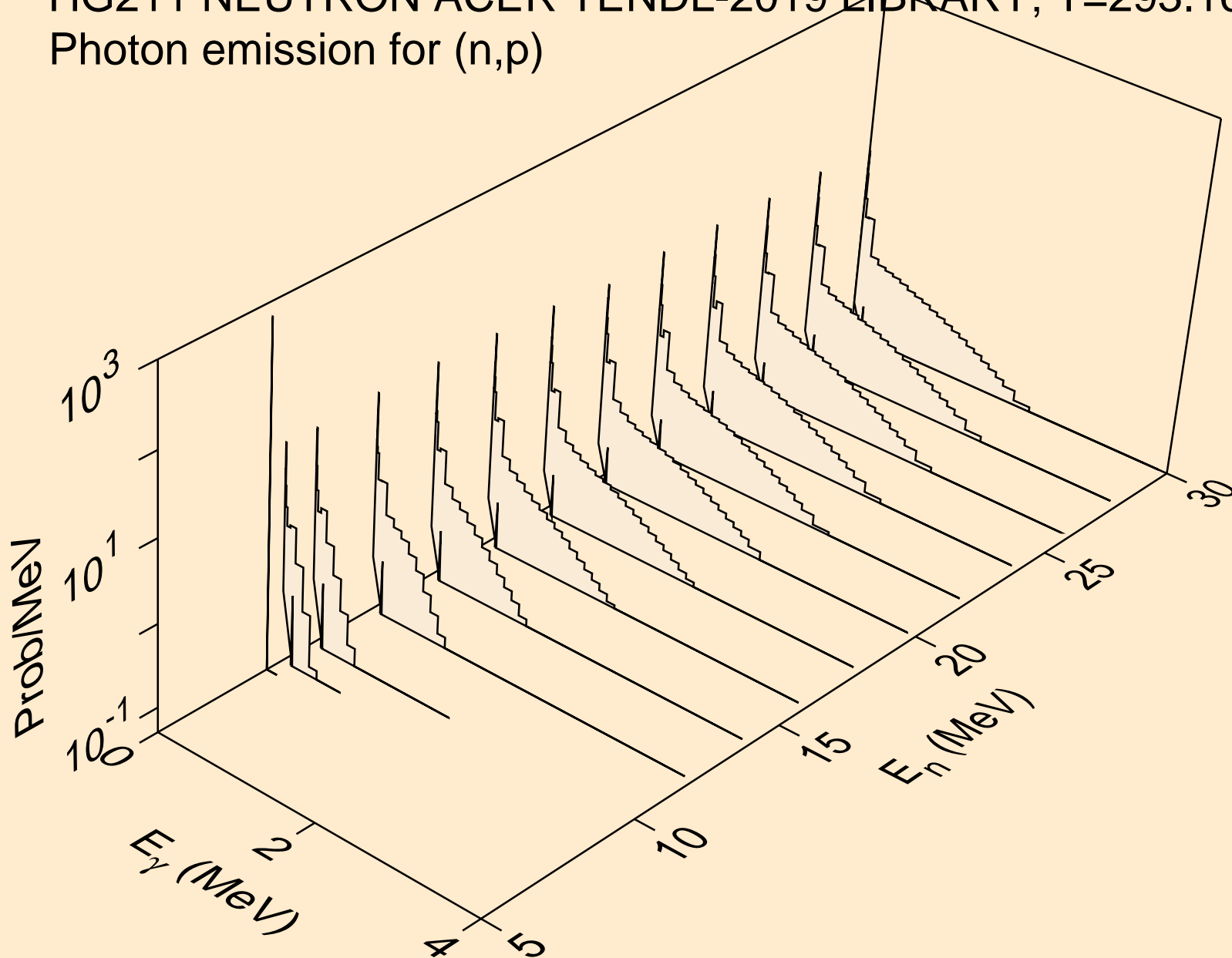


HG211 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,gma)

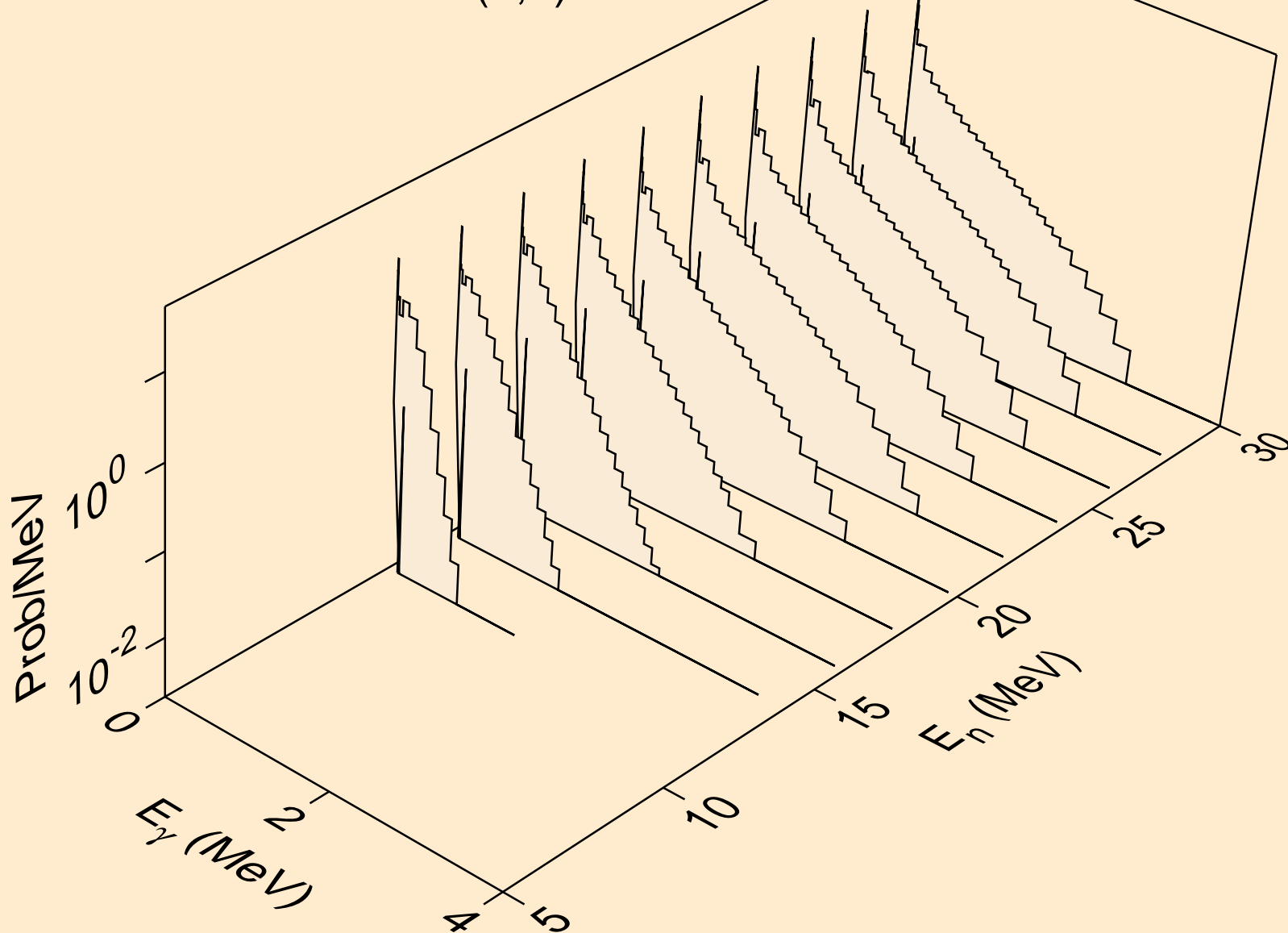




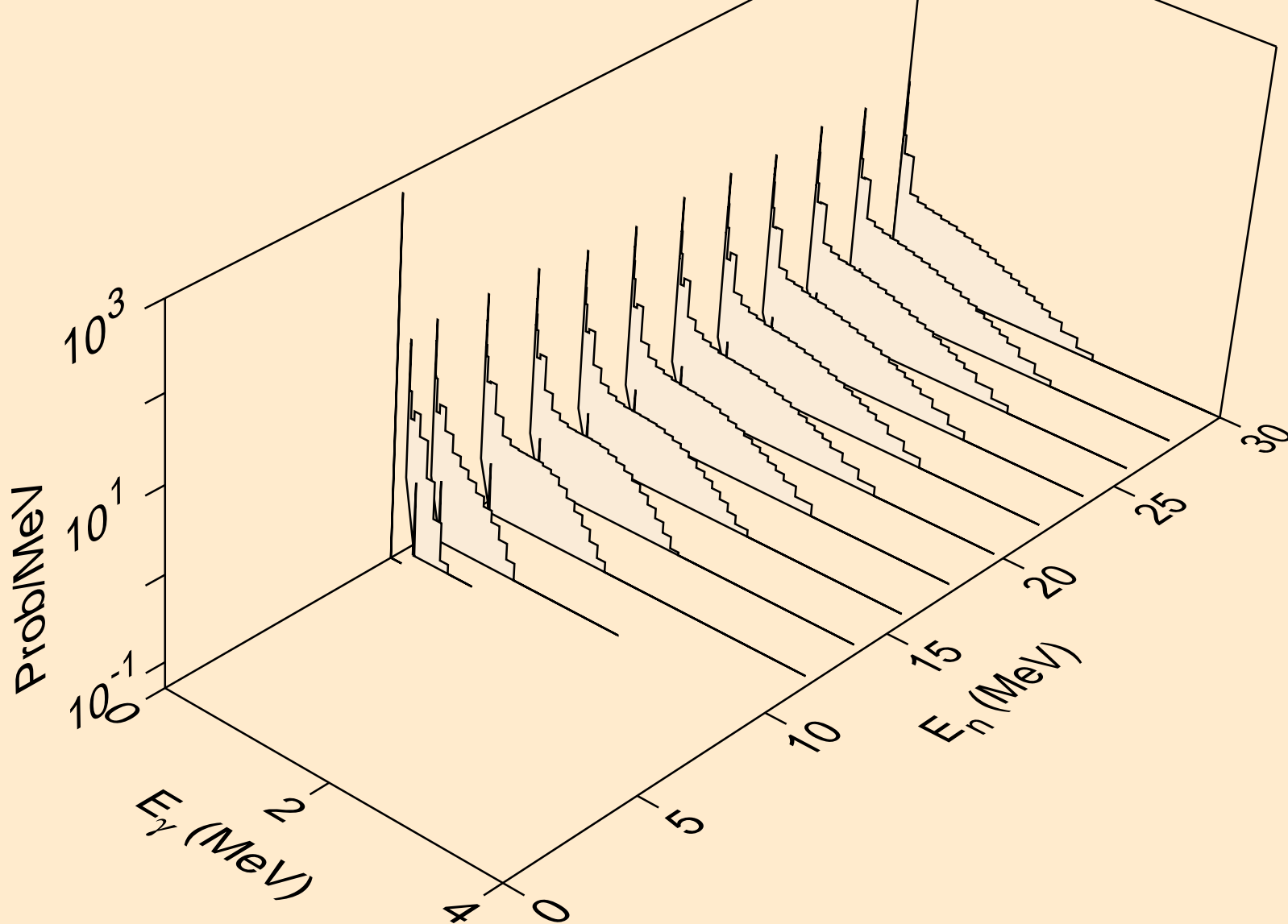
HG211 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,p)



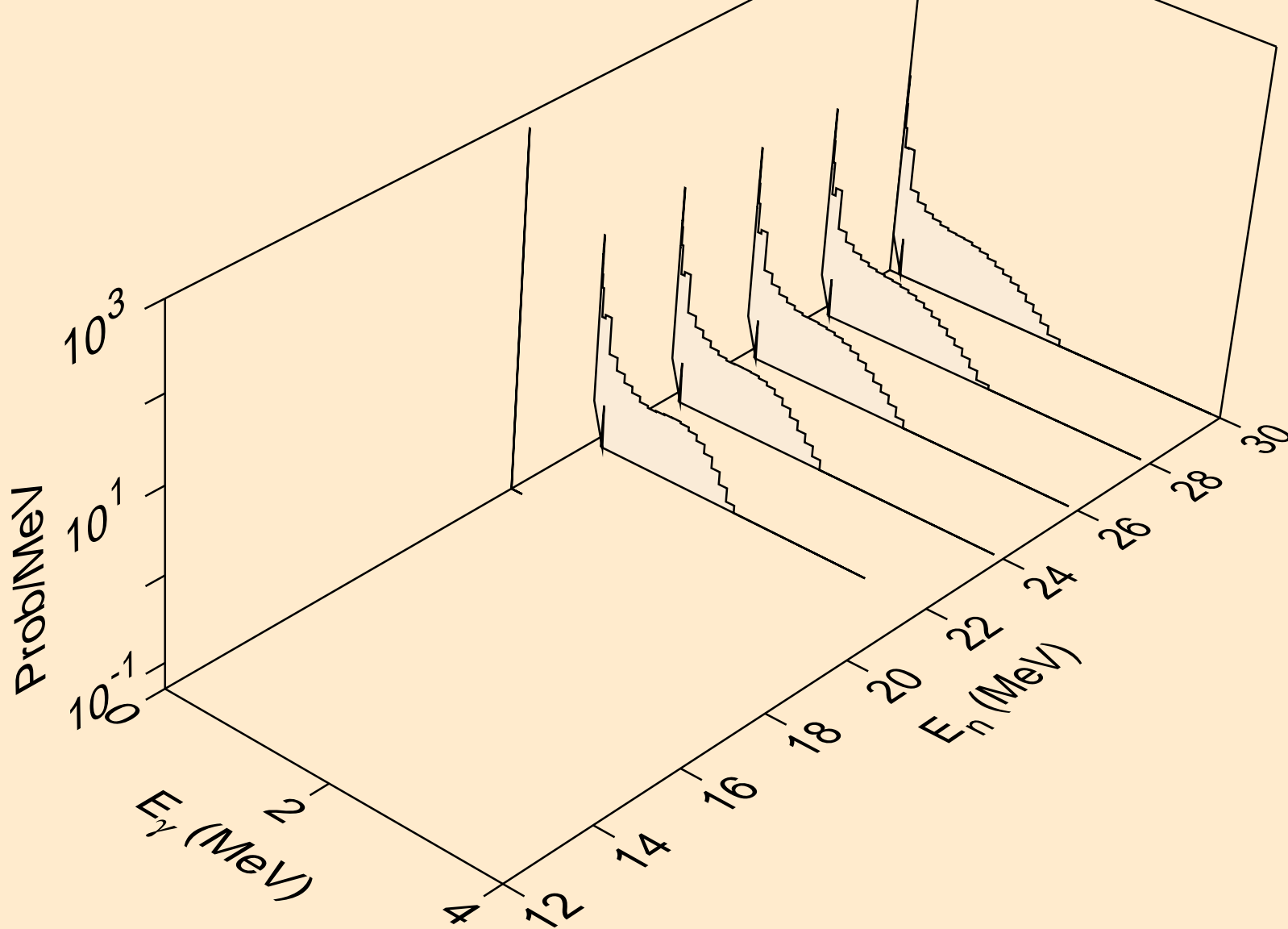
HG211 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,d)



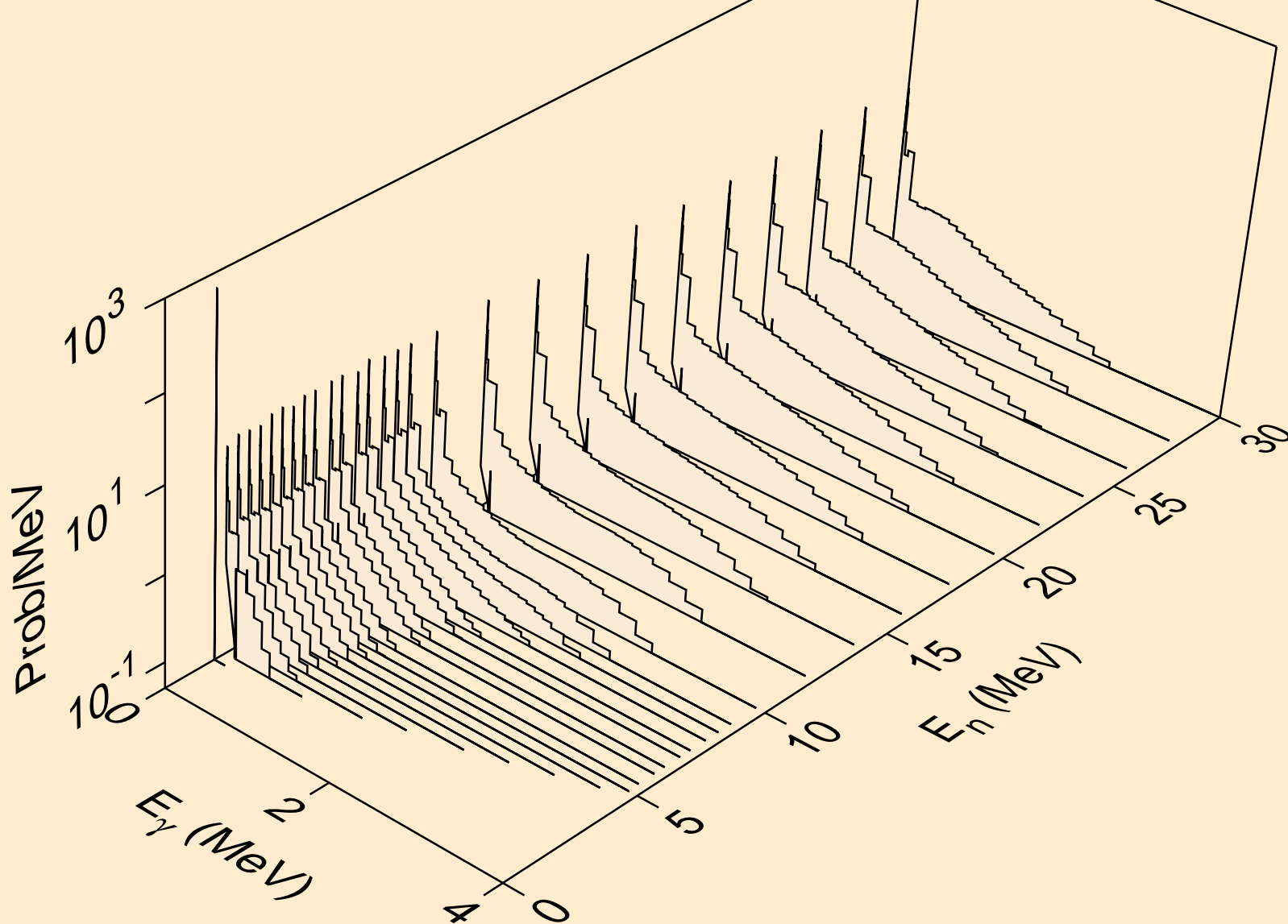
HG211 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,t)



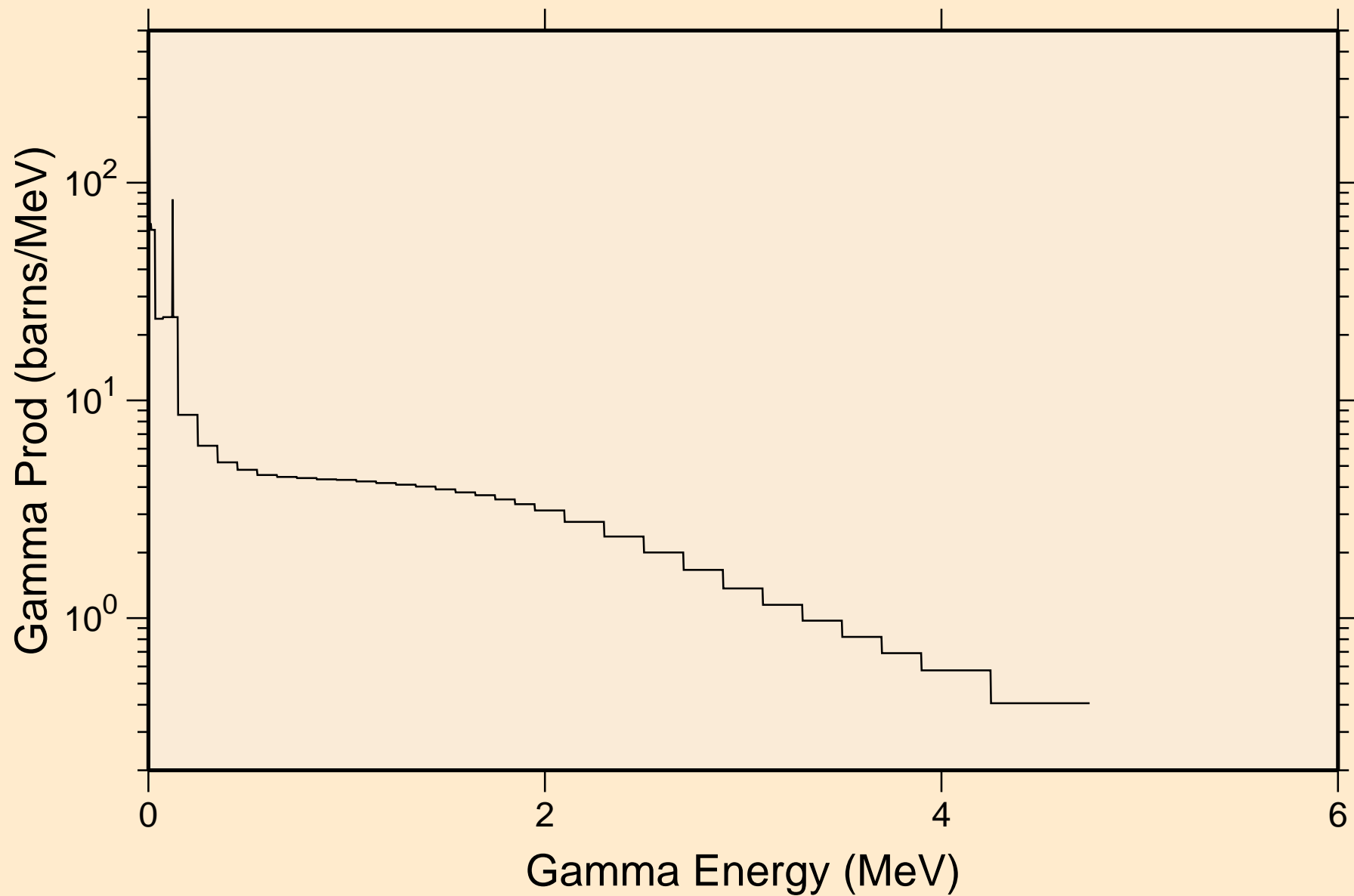
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Photon emission for (n,he3)



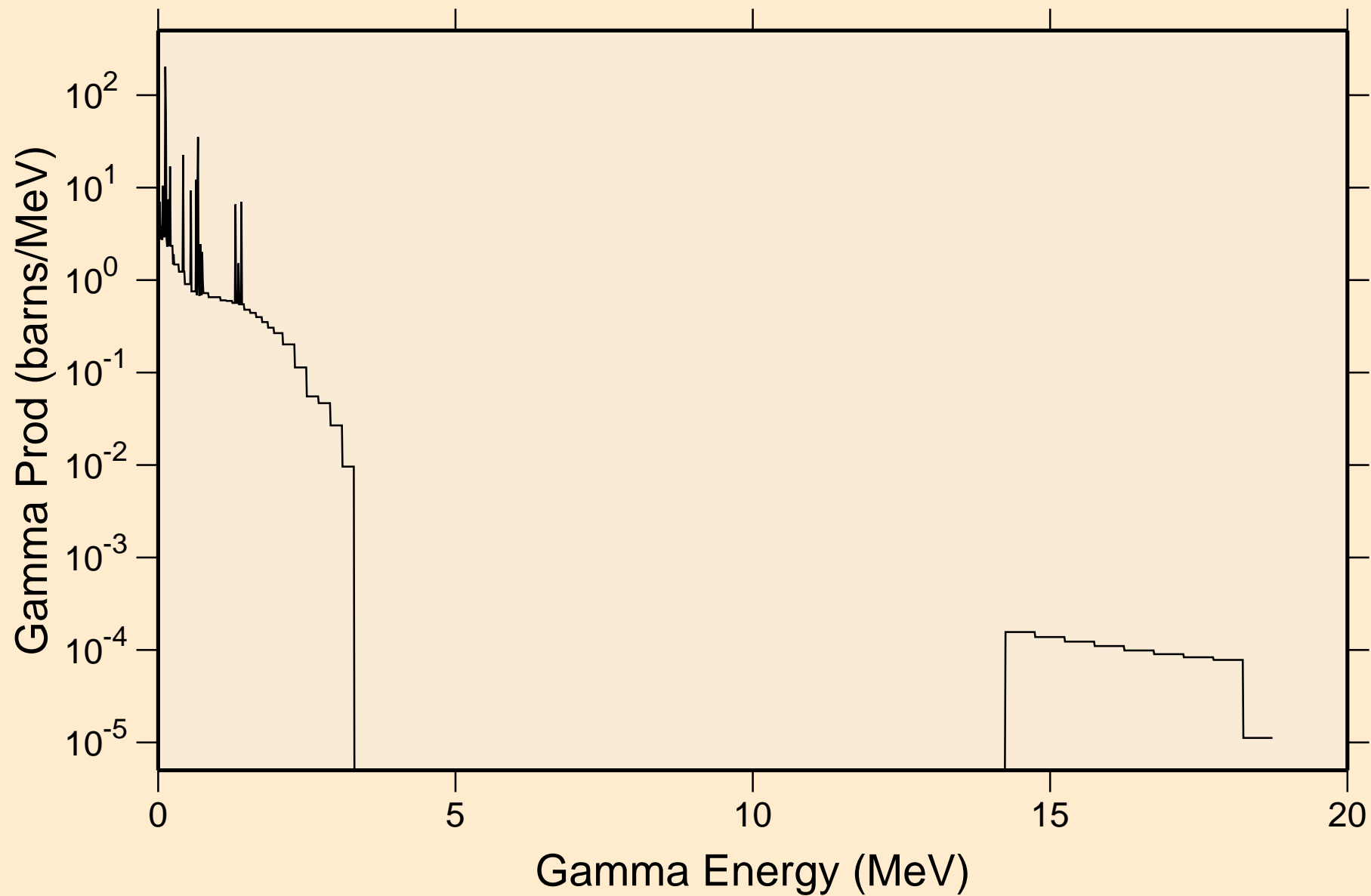
HG211 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,a)



HG211 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
thermal capture photon spectrum

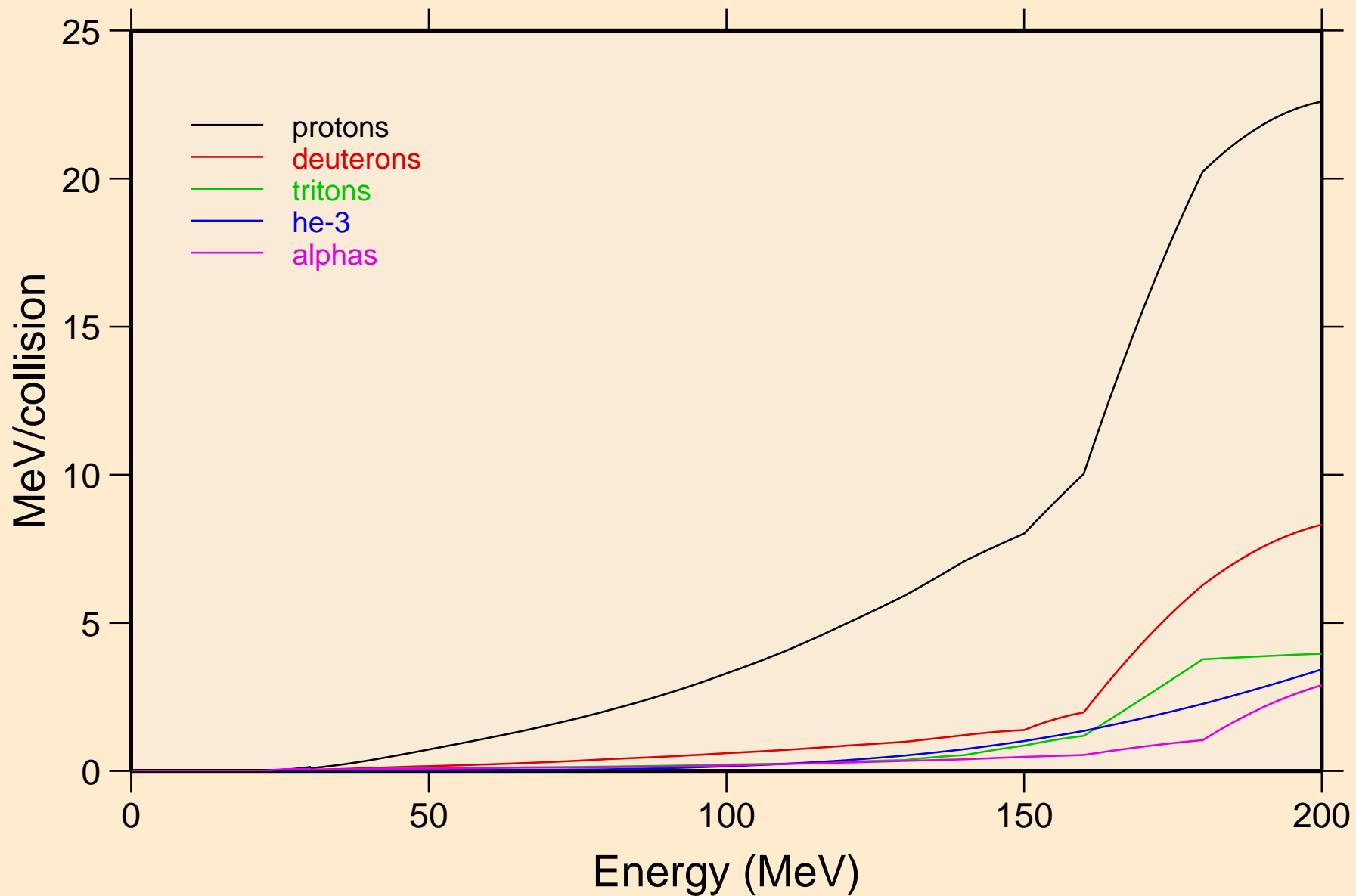


HG211 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
14 MeV photon spectrum



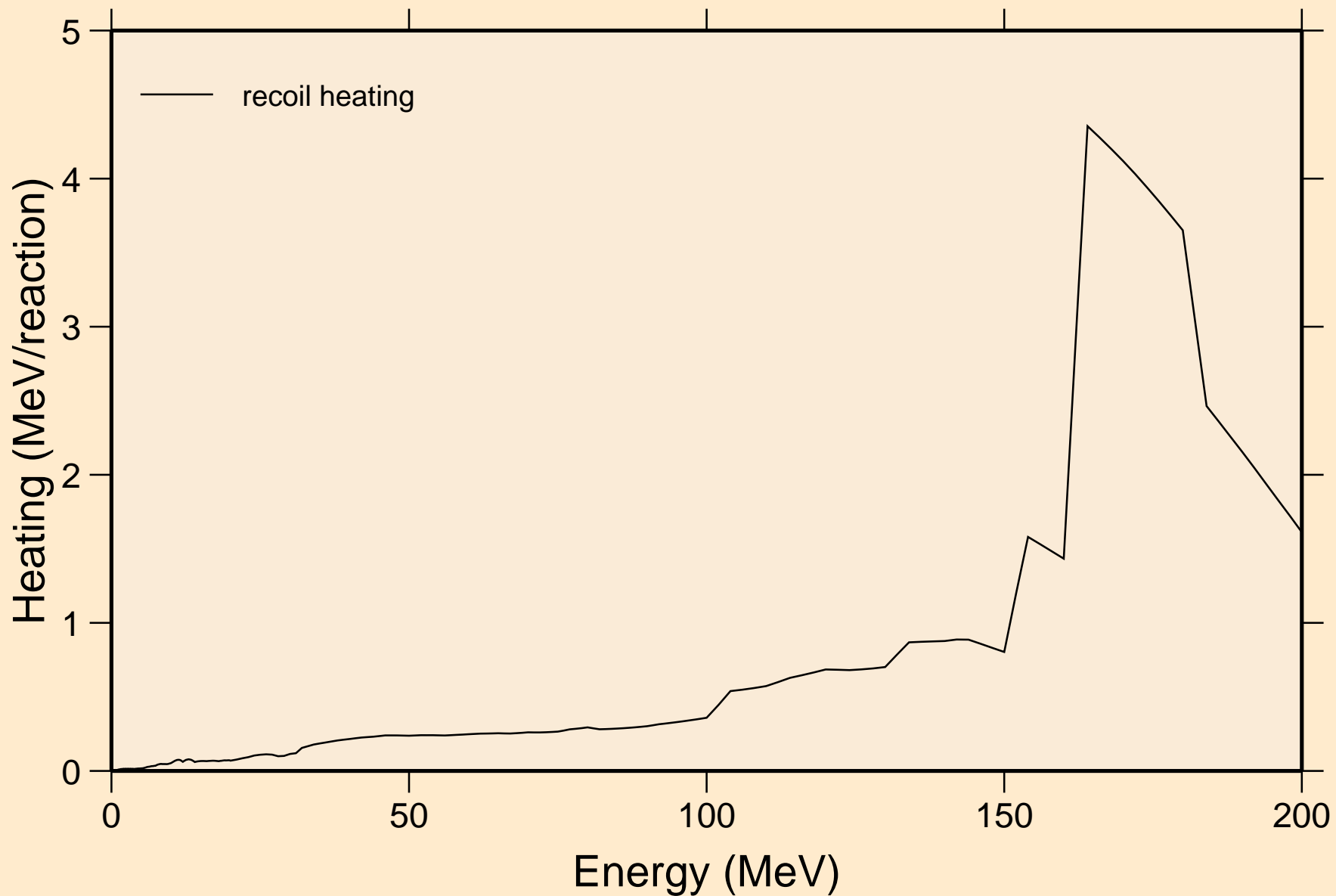
# HG211 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

## Particle heating contributions



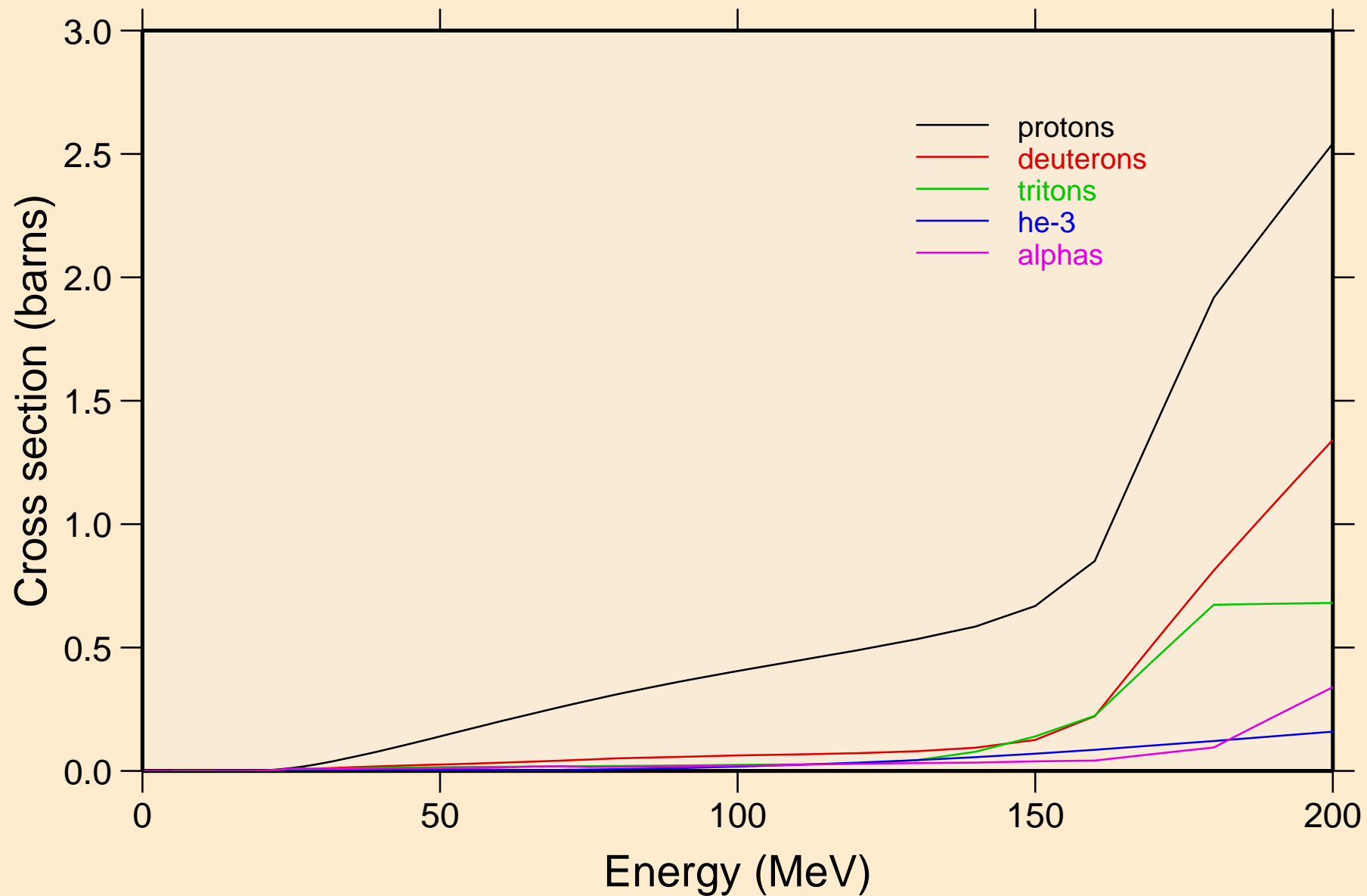


HG211 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Recoil Heating

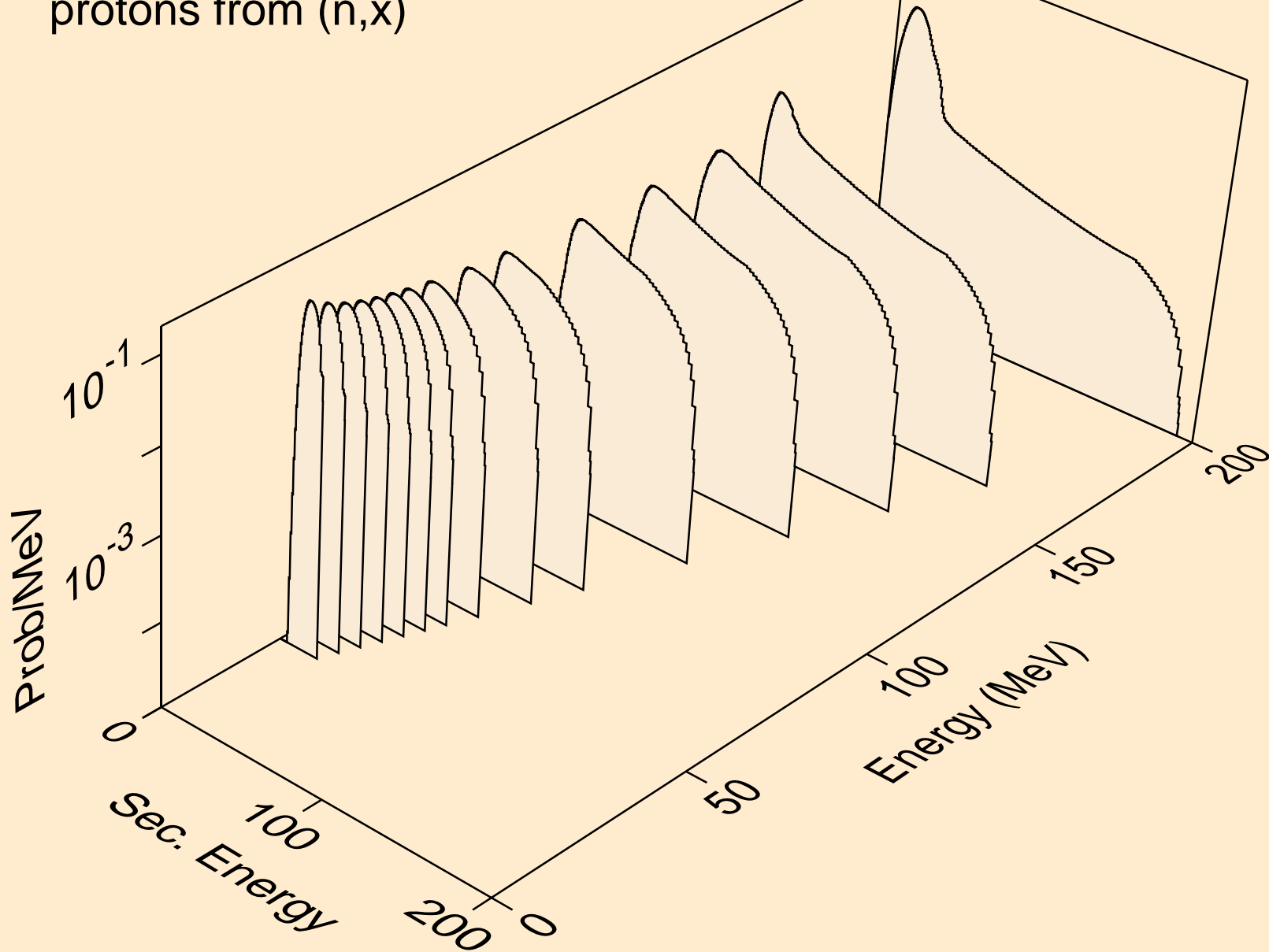


# HG211 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

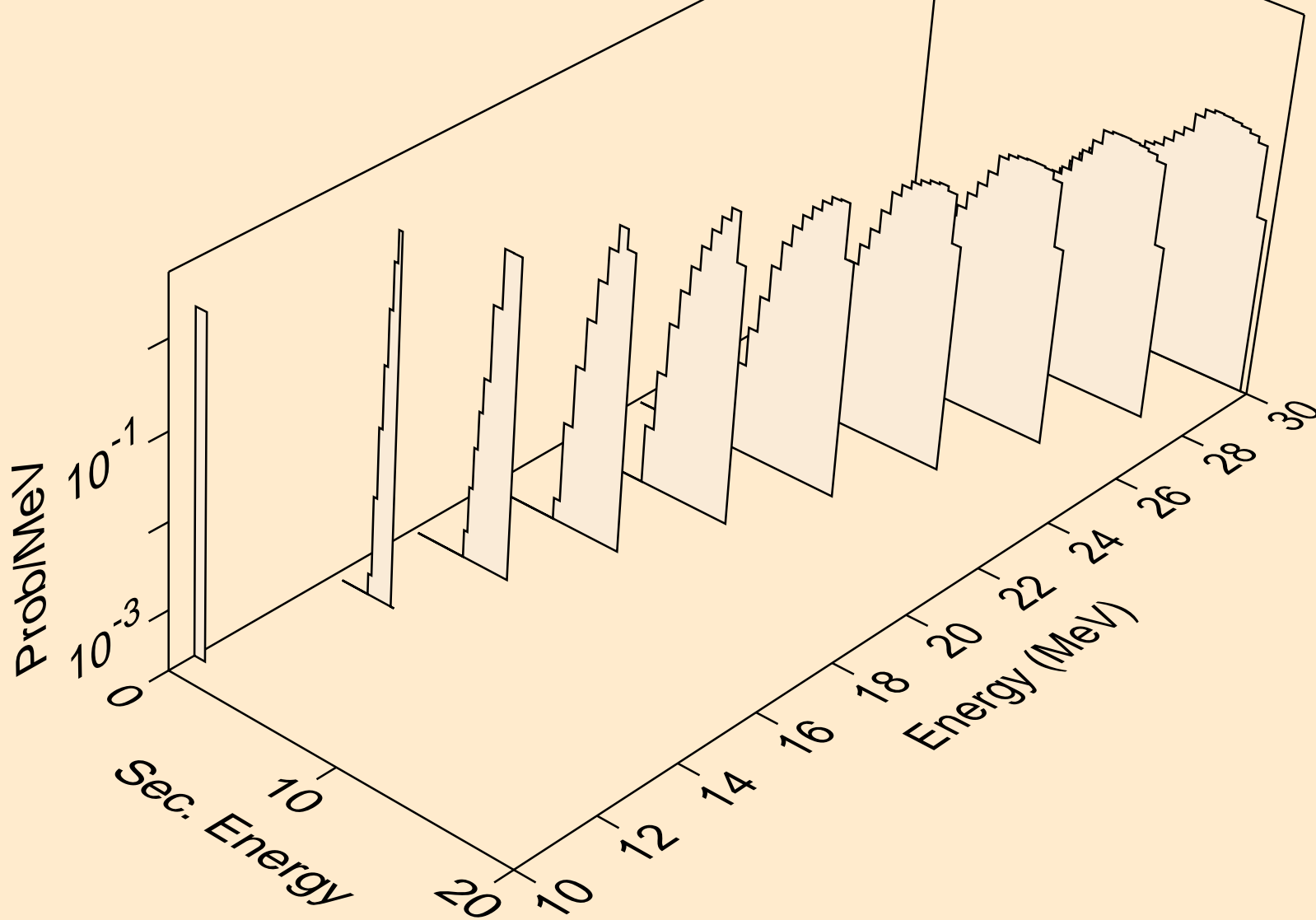
## Particle production cross sections



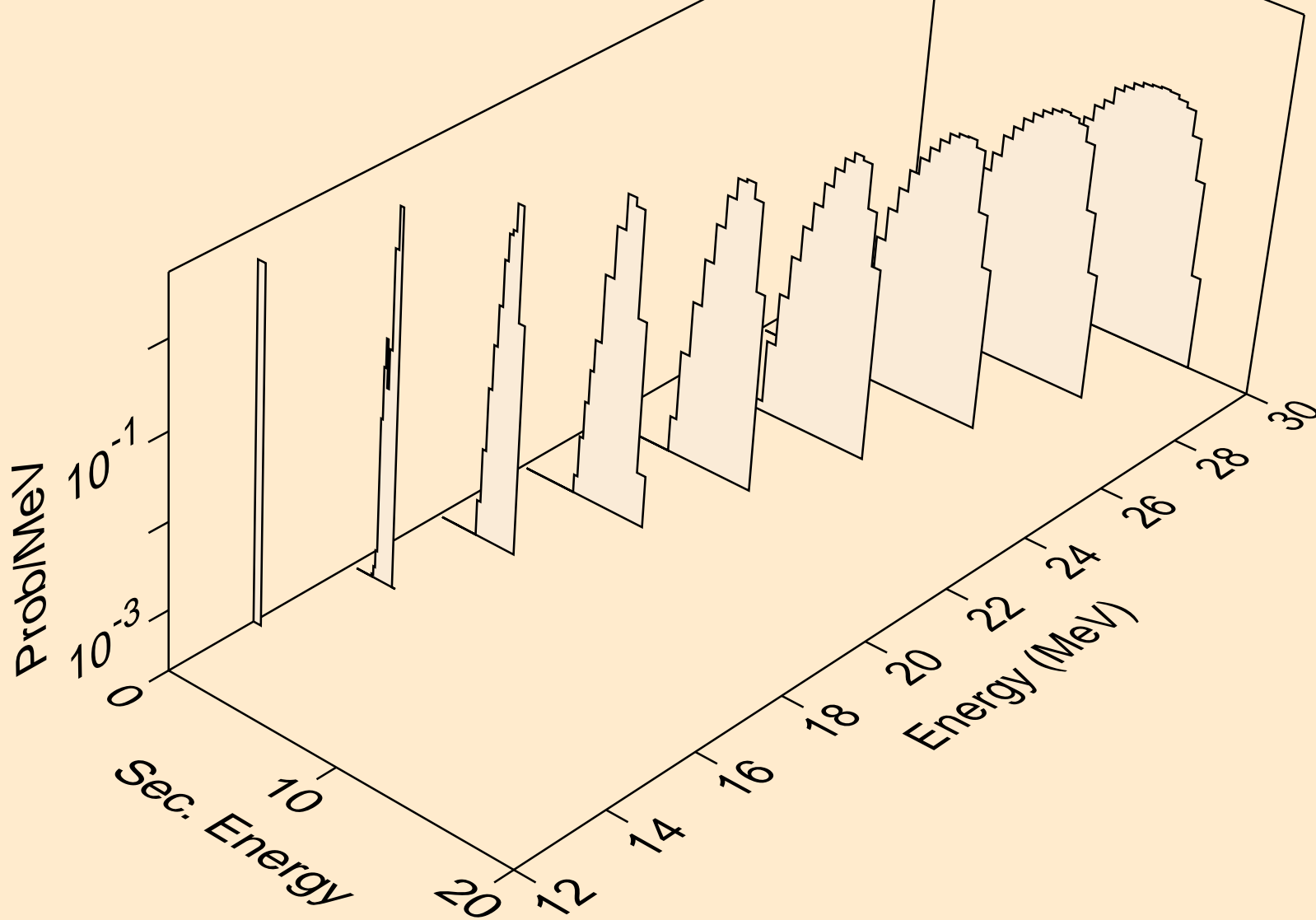
HG211 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,x)



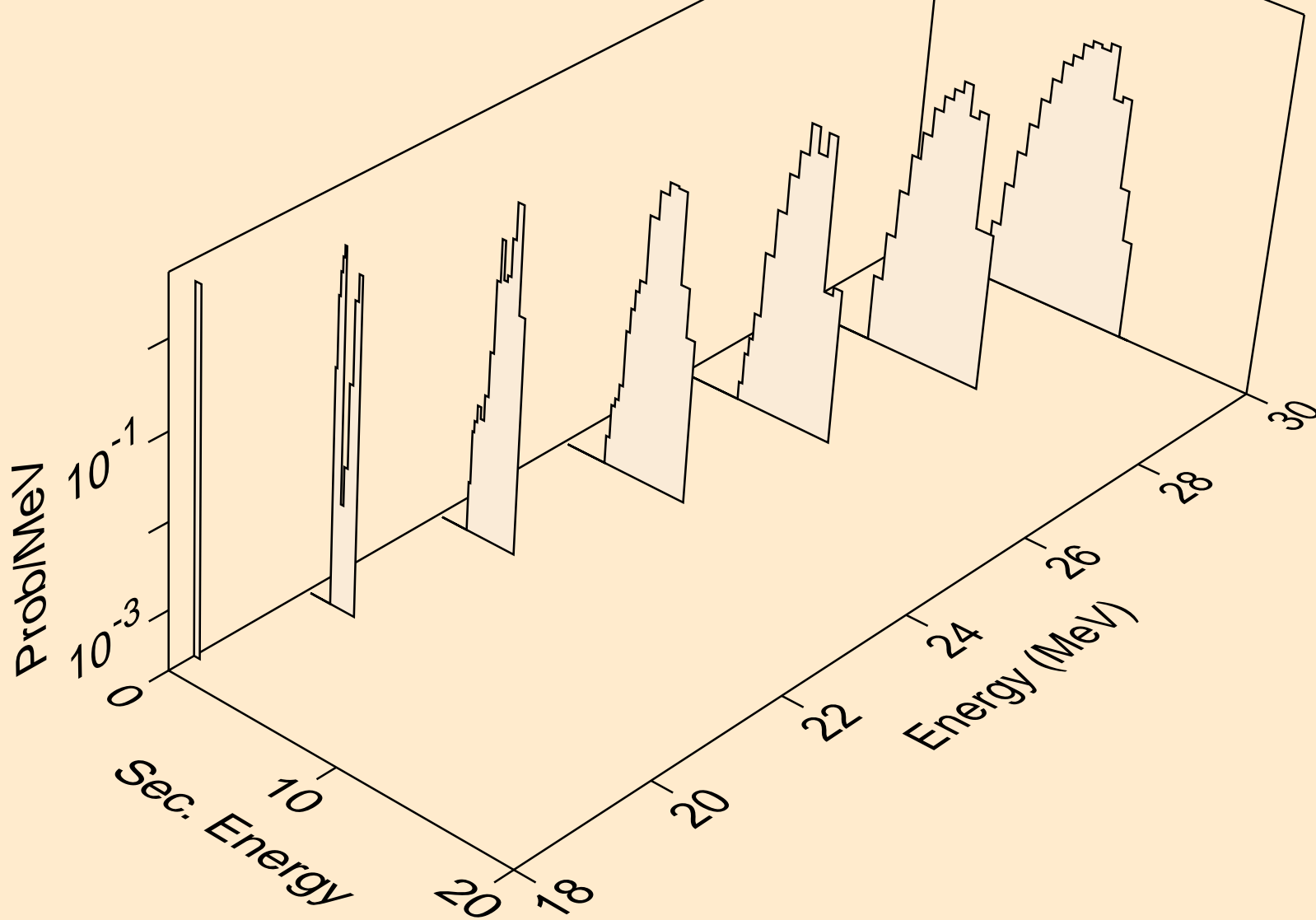
HG211 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,n\*)p



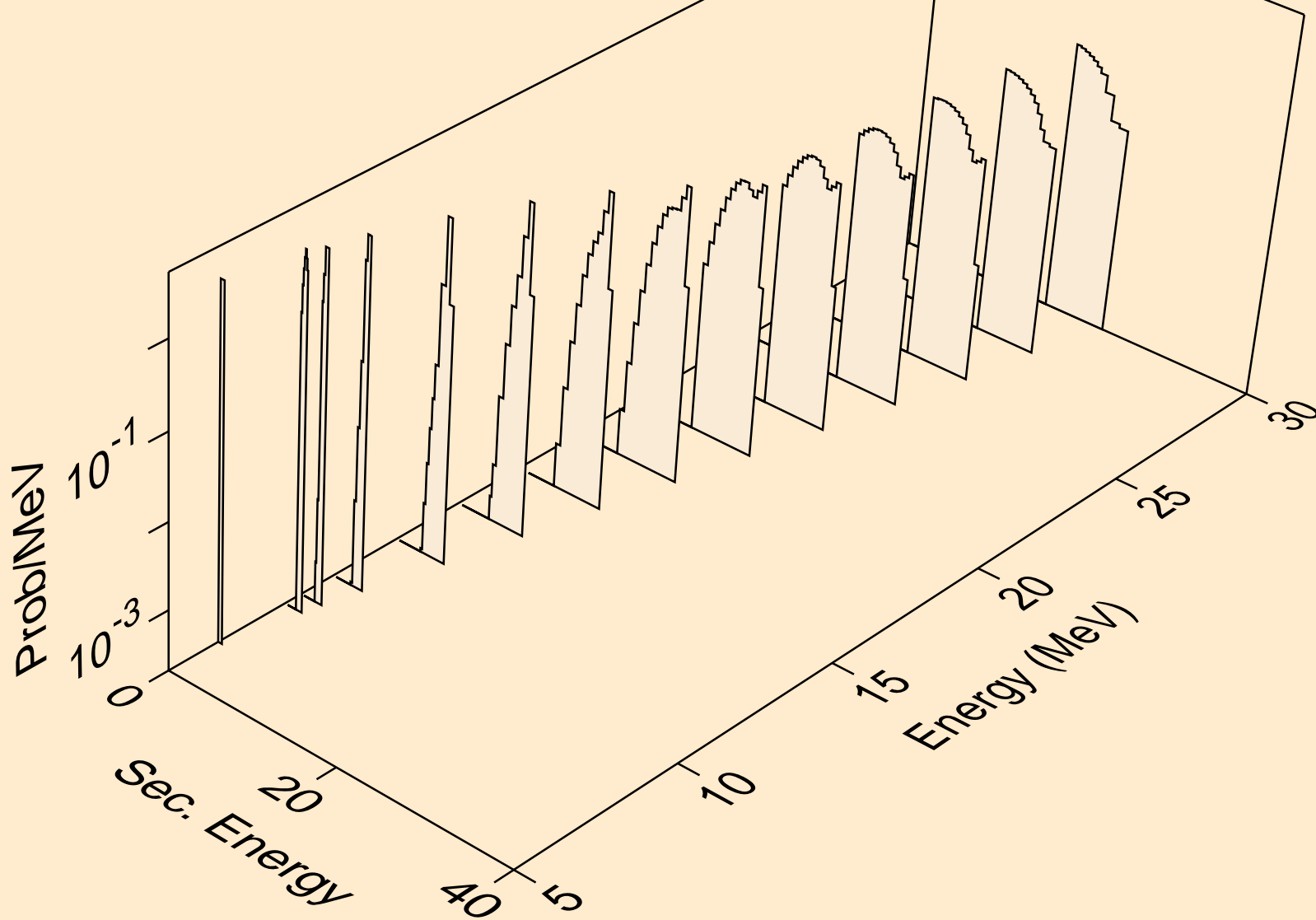
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protons from (n,2np)



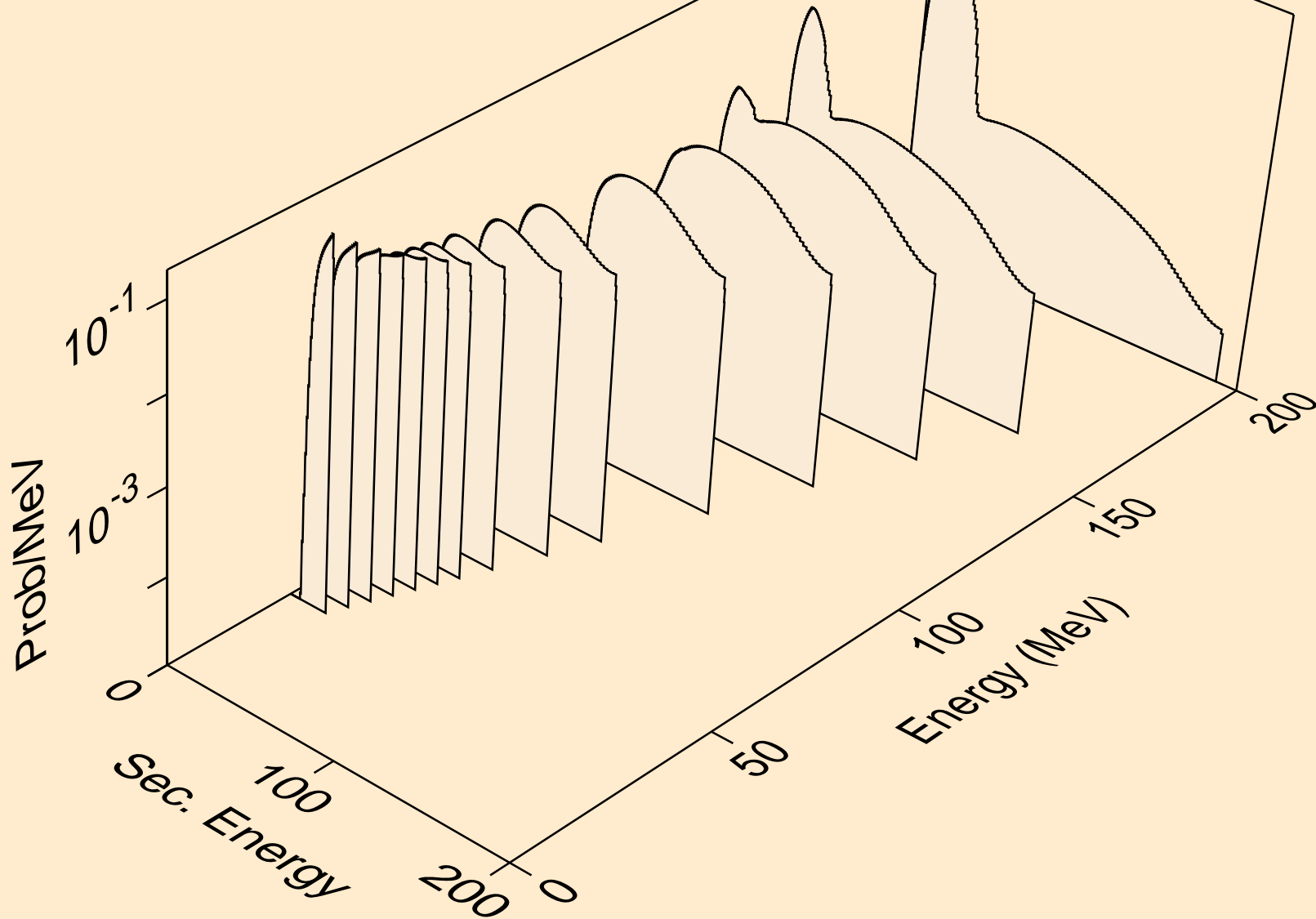
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protons from (n,3np)



HG211 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,p)

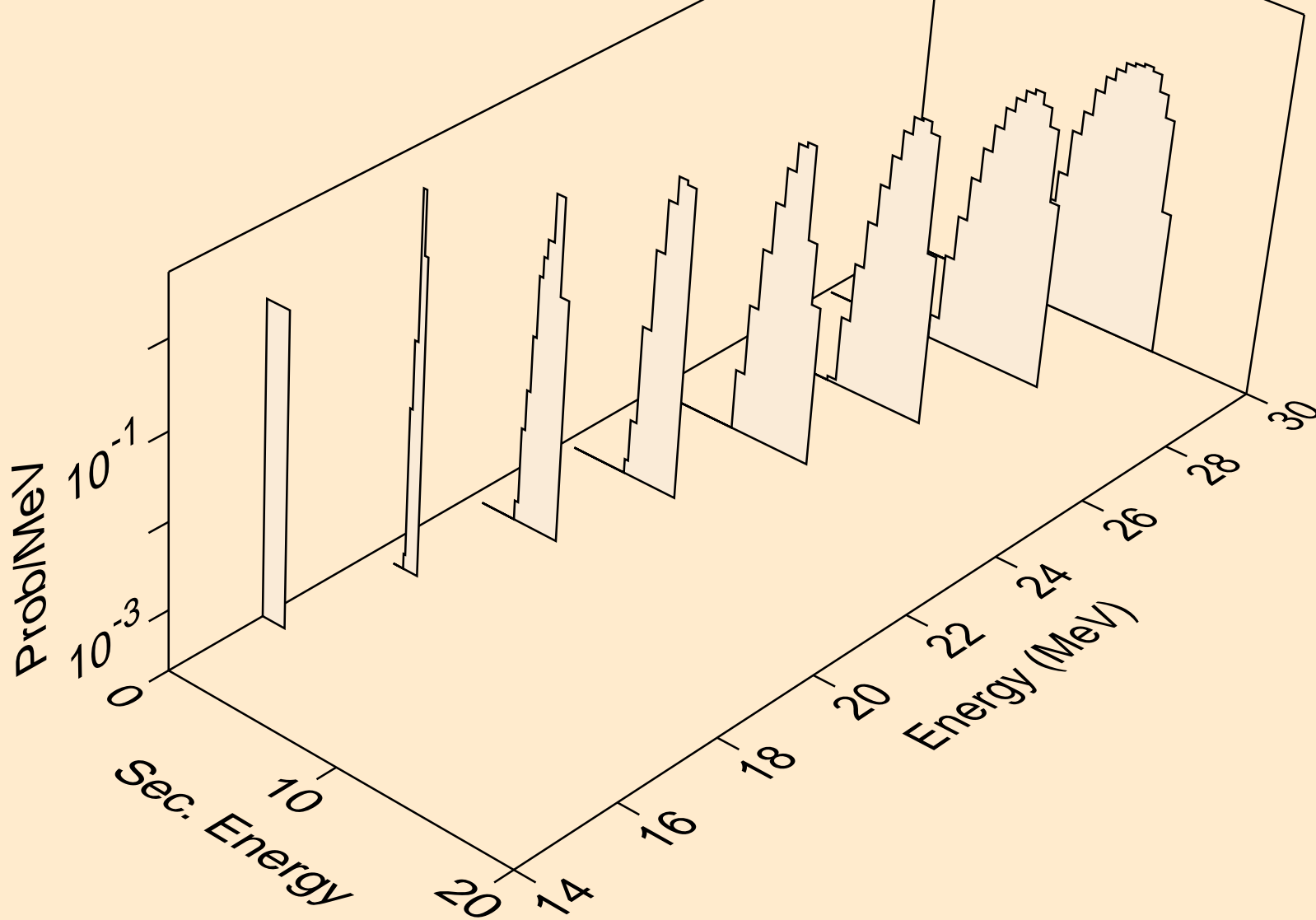


HG211 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,x)

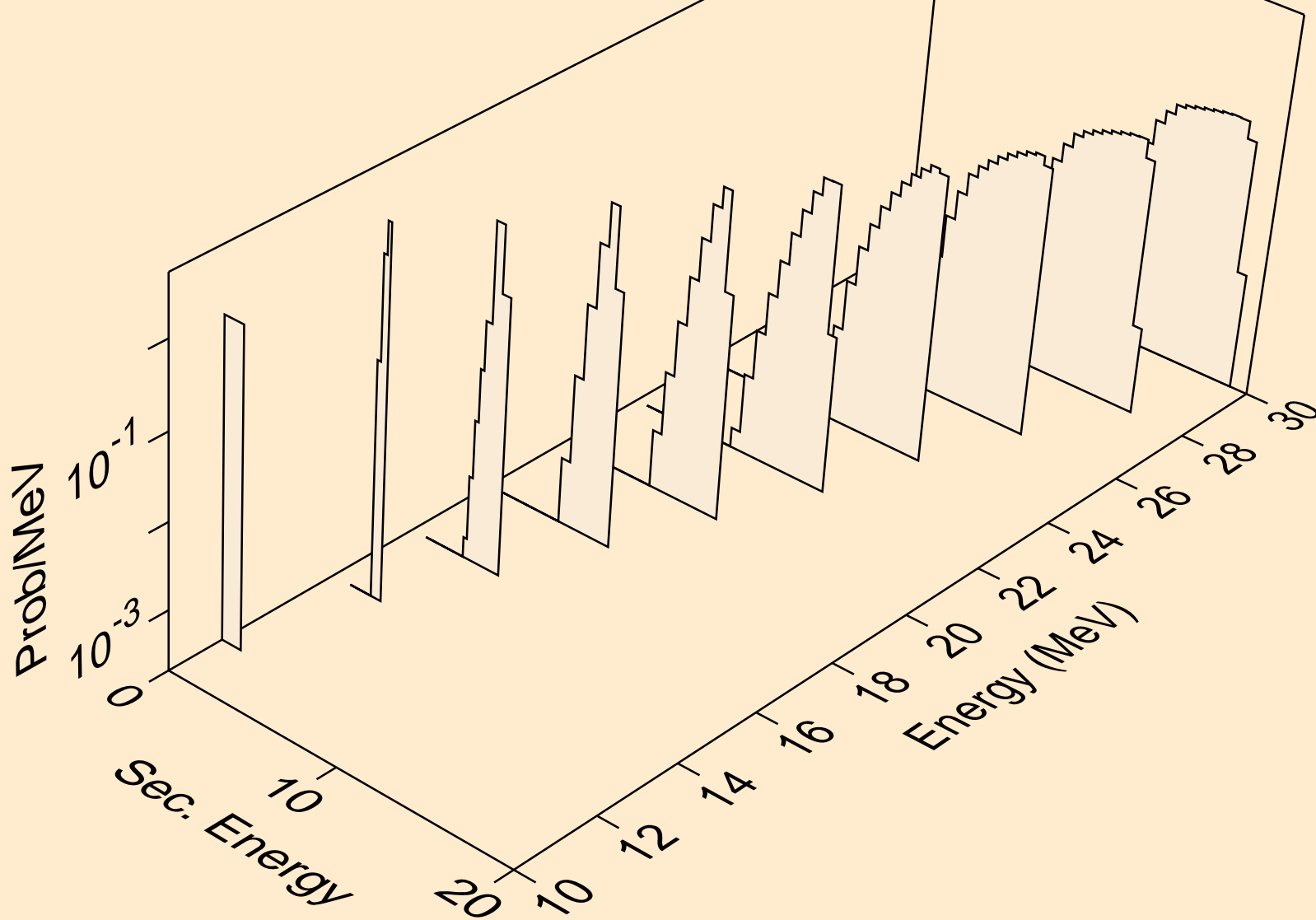




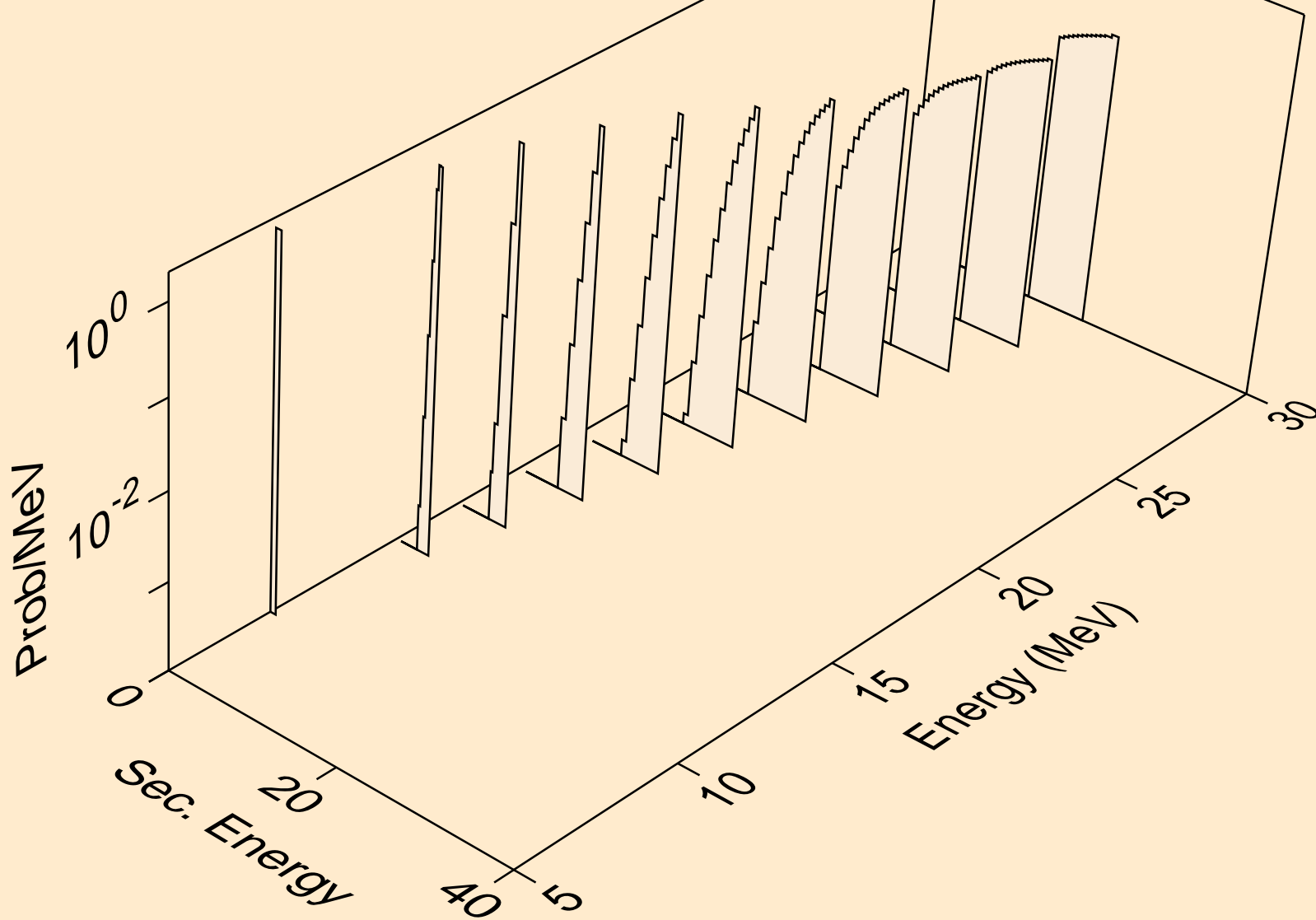
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deuterons from (n,2nd)



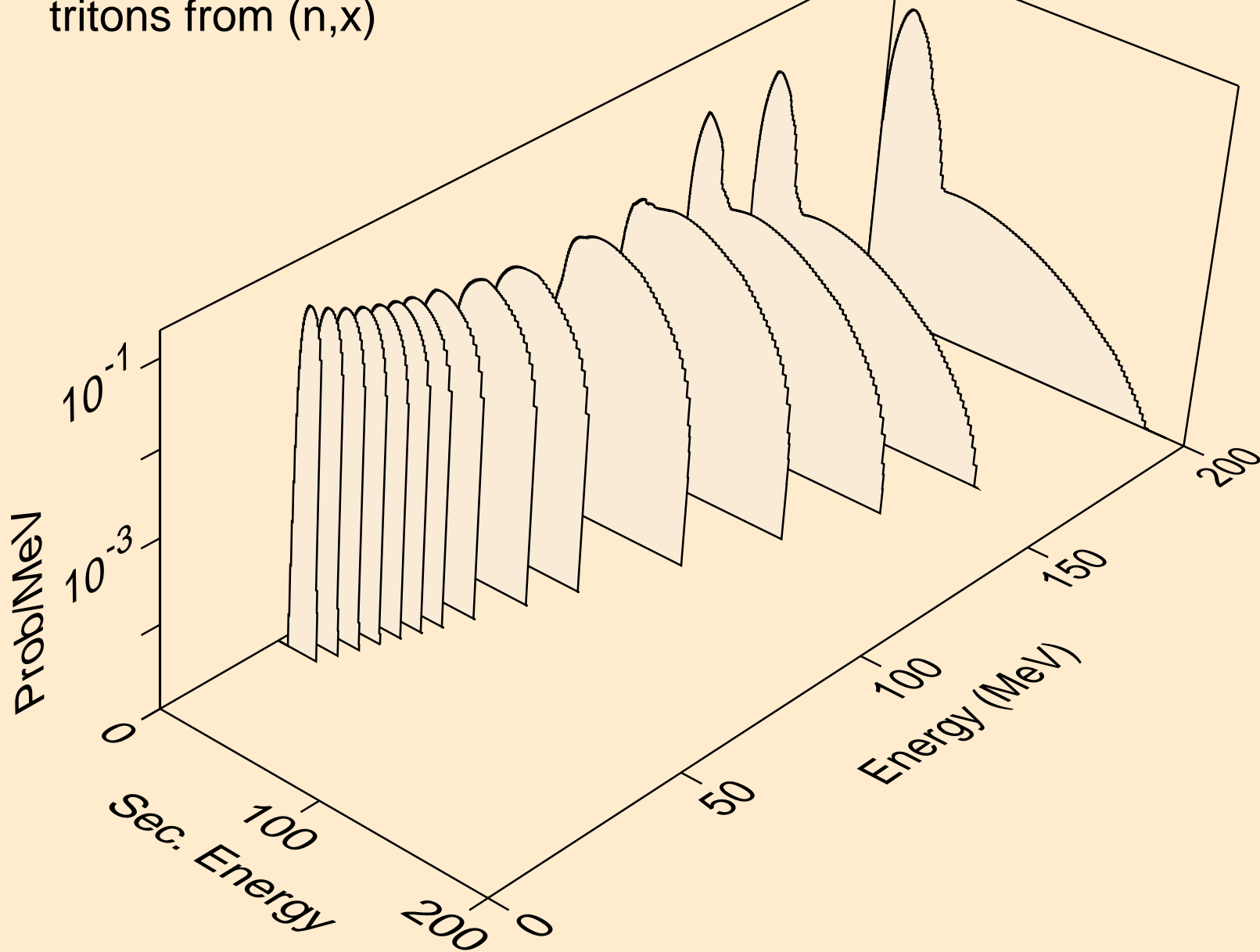
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deuterons from (n,n\*)d



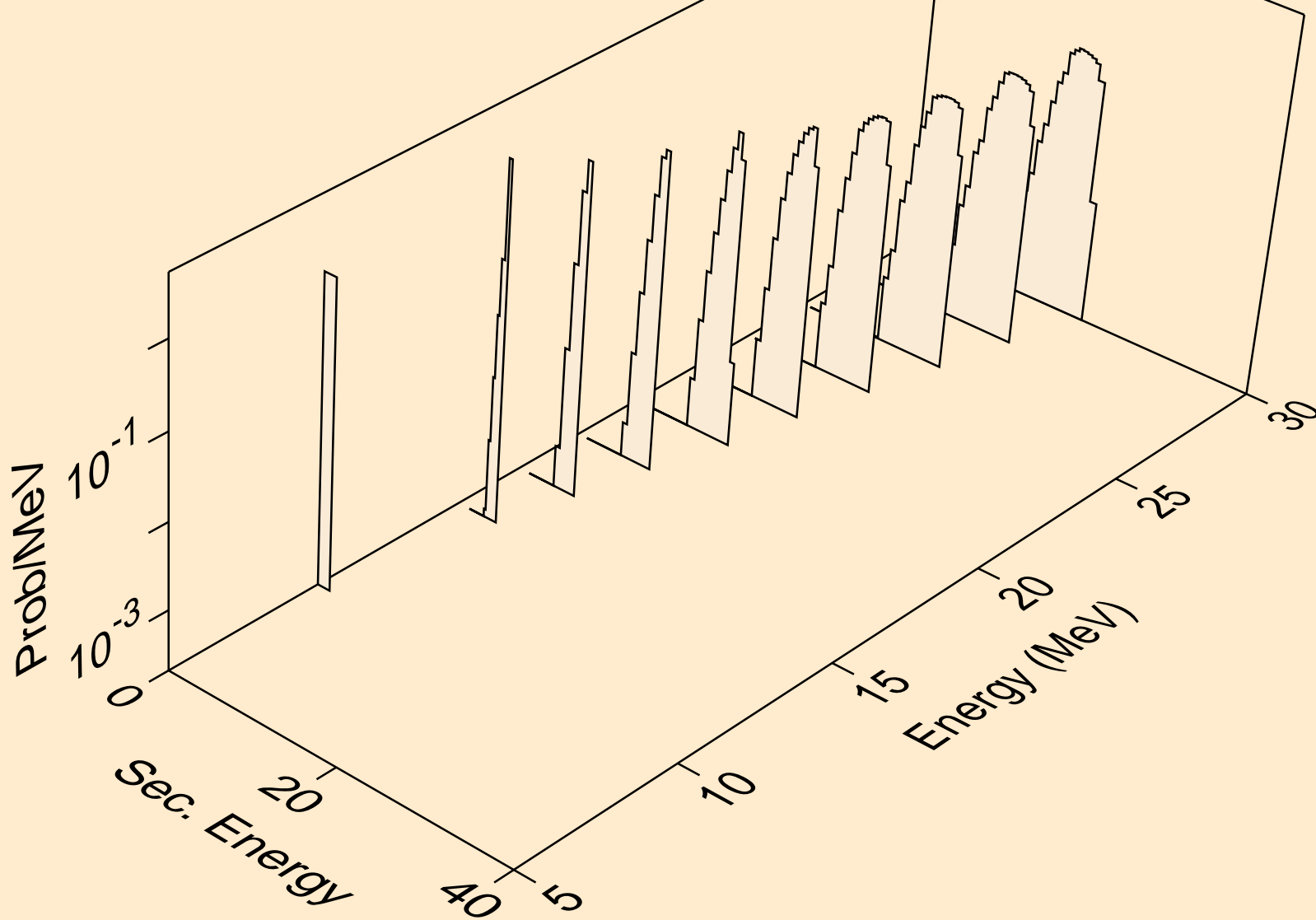
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deuterons from (n,d)



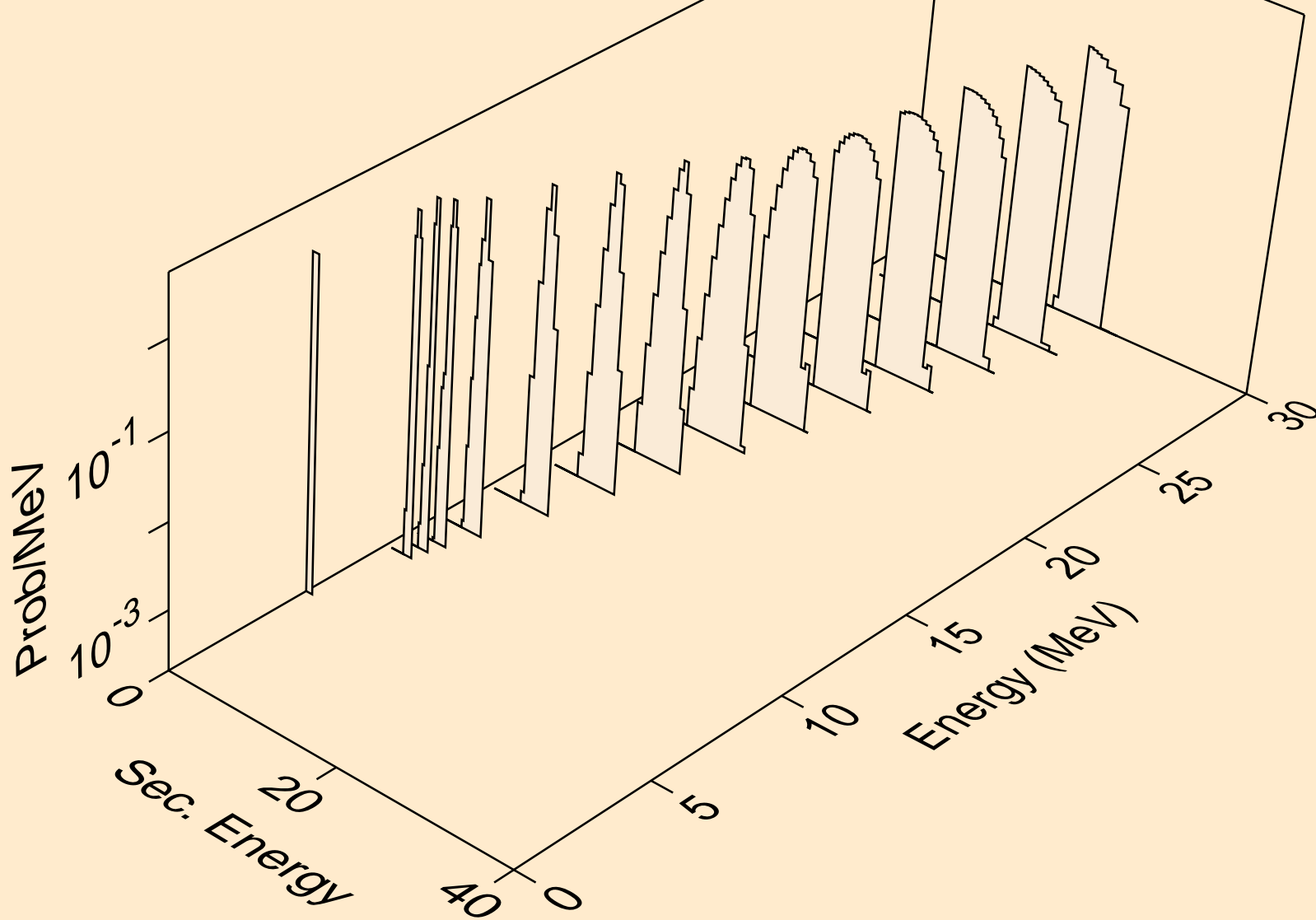
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tritons from (n,x)



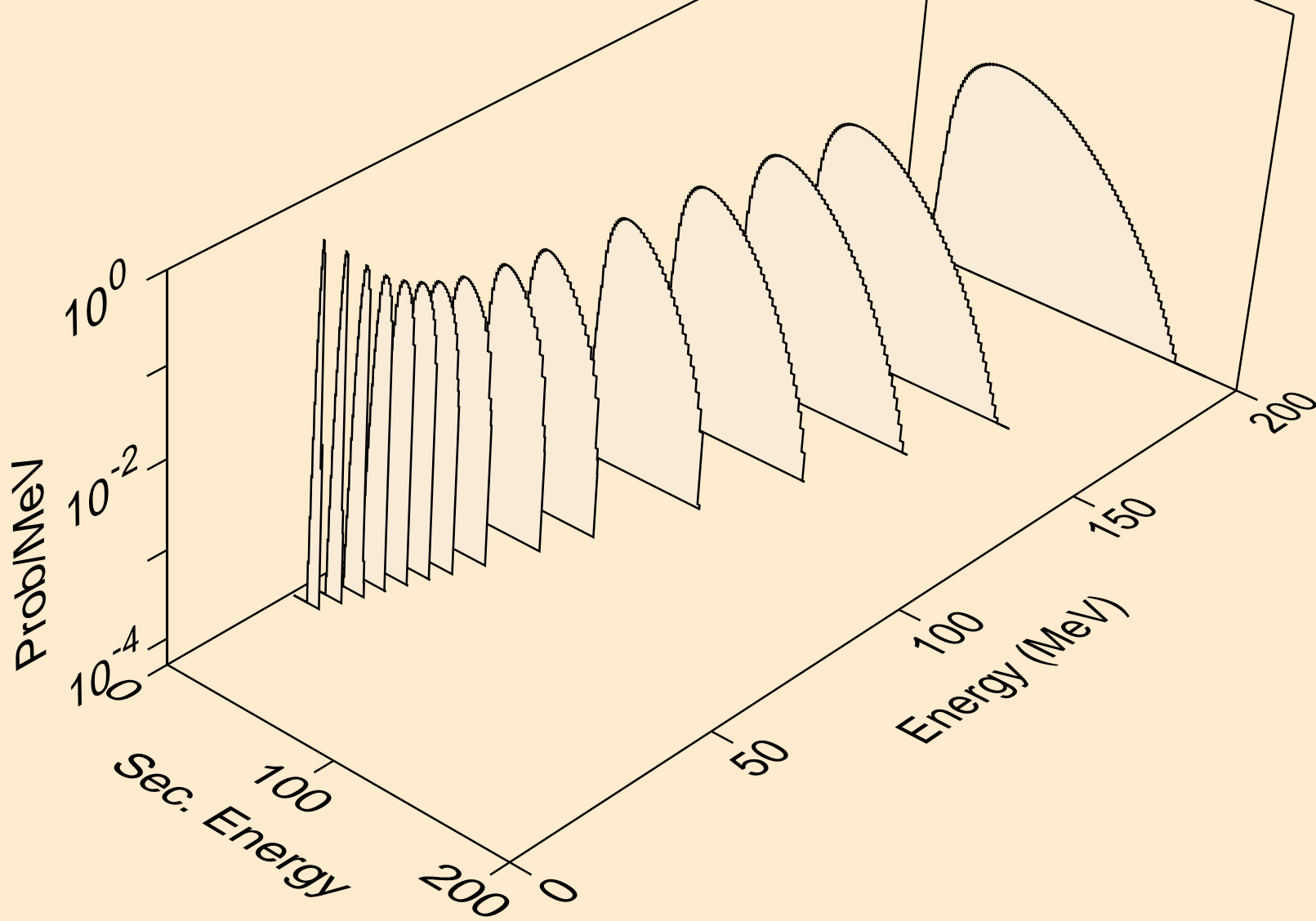
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tritons from (n,n\*)t



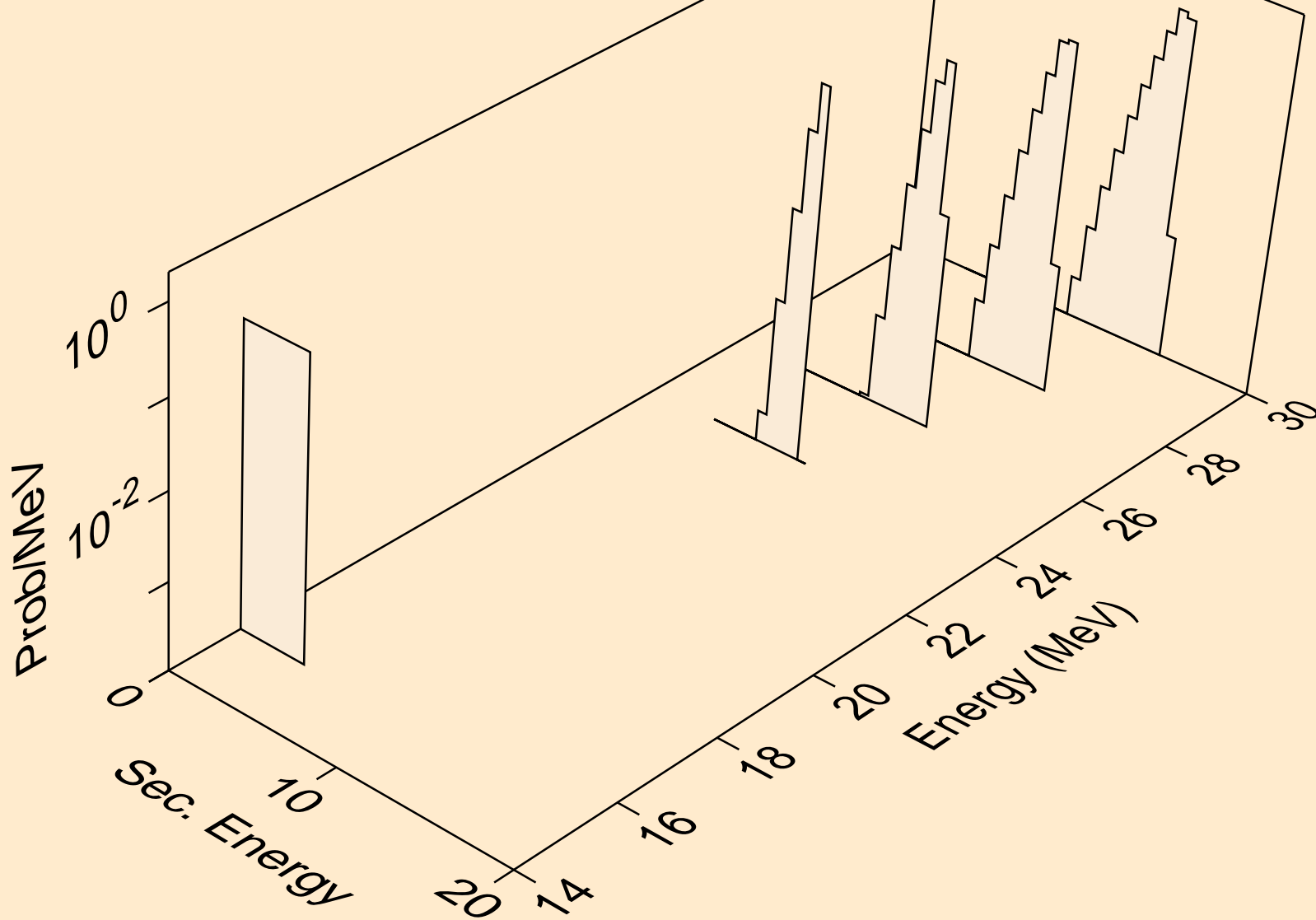
HG211 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,t)



HG211 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,x)

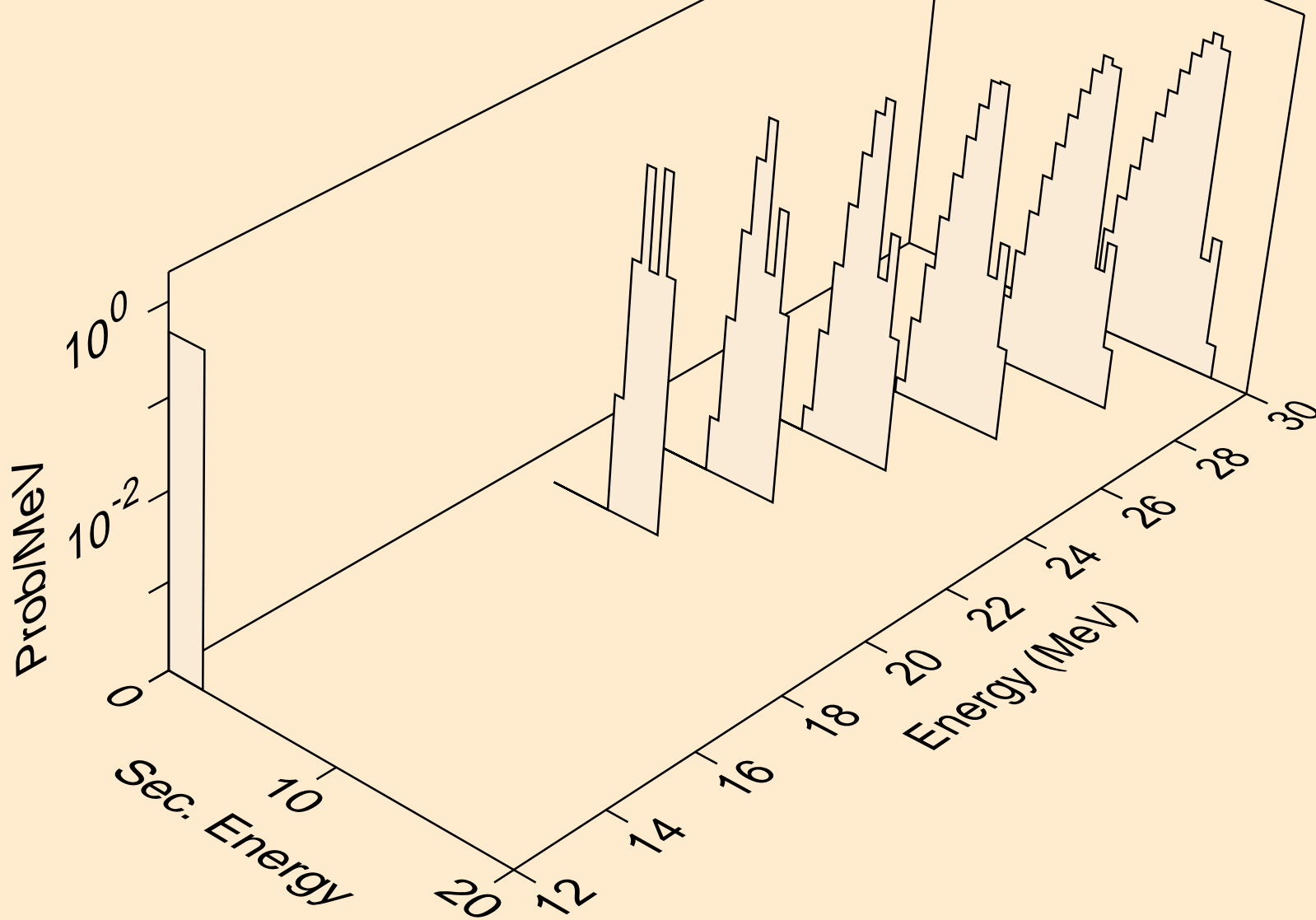


HG211 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,n\*)he3

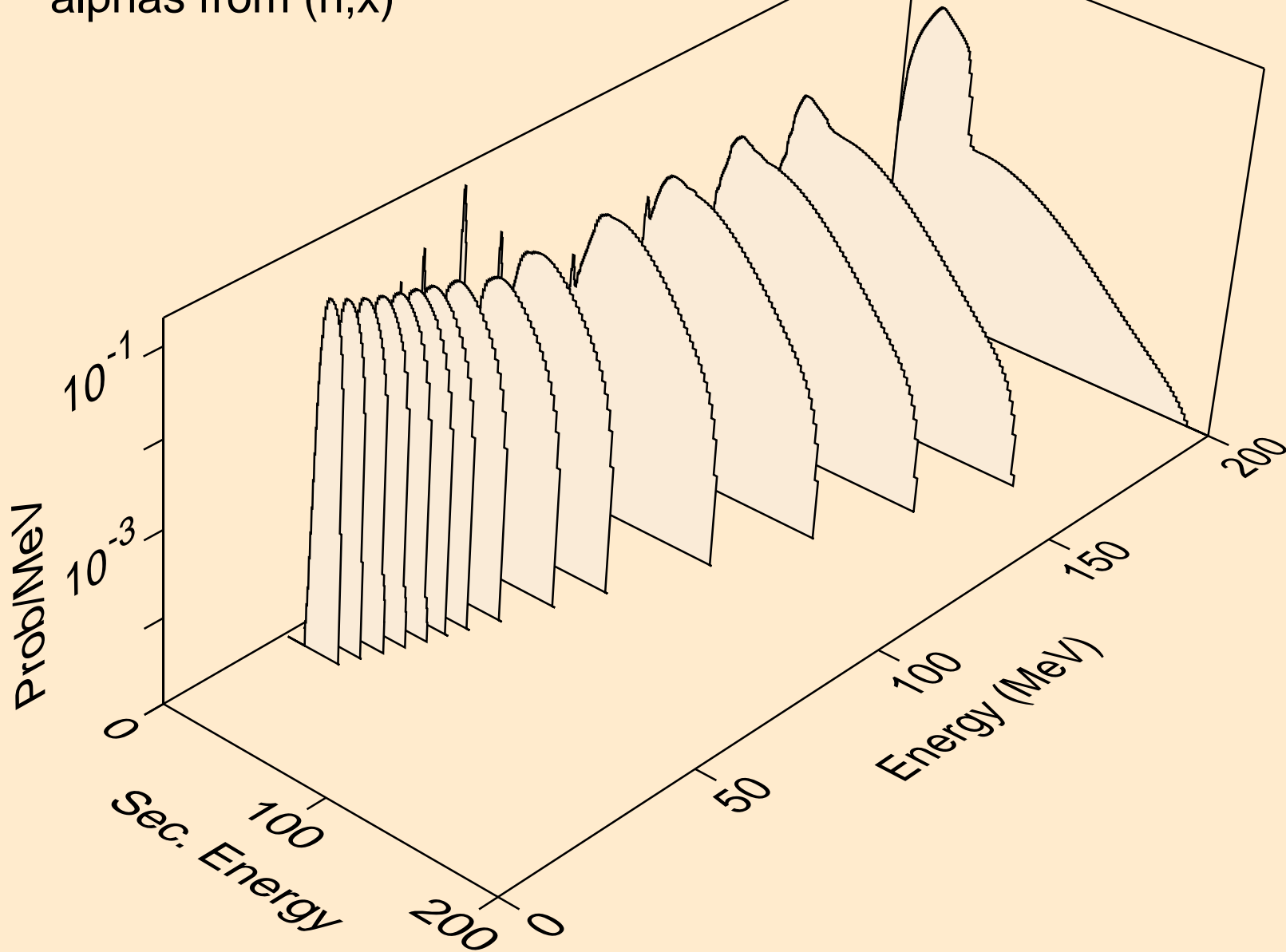




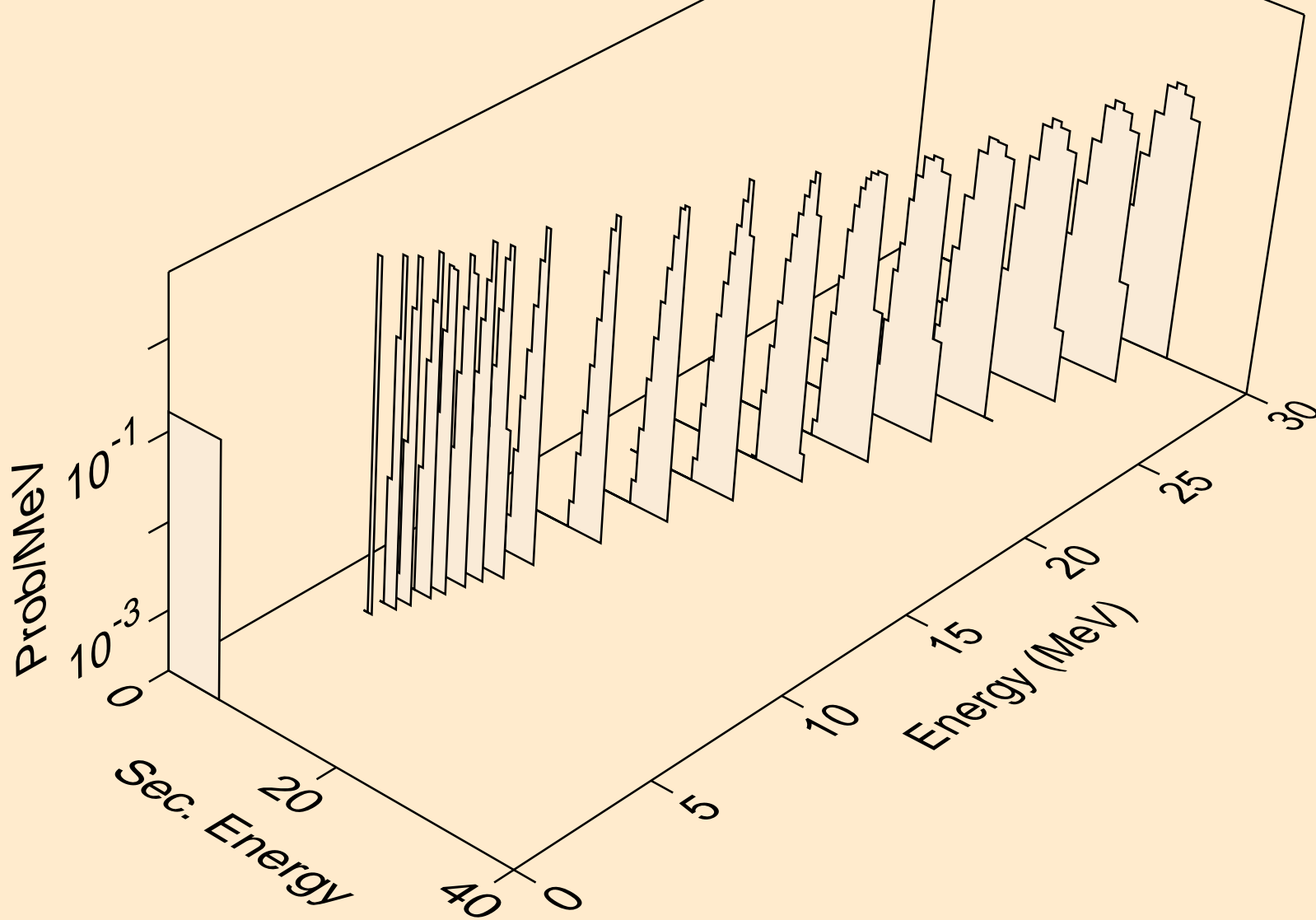
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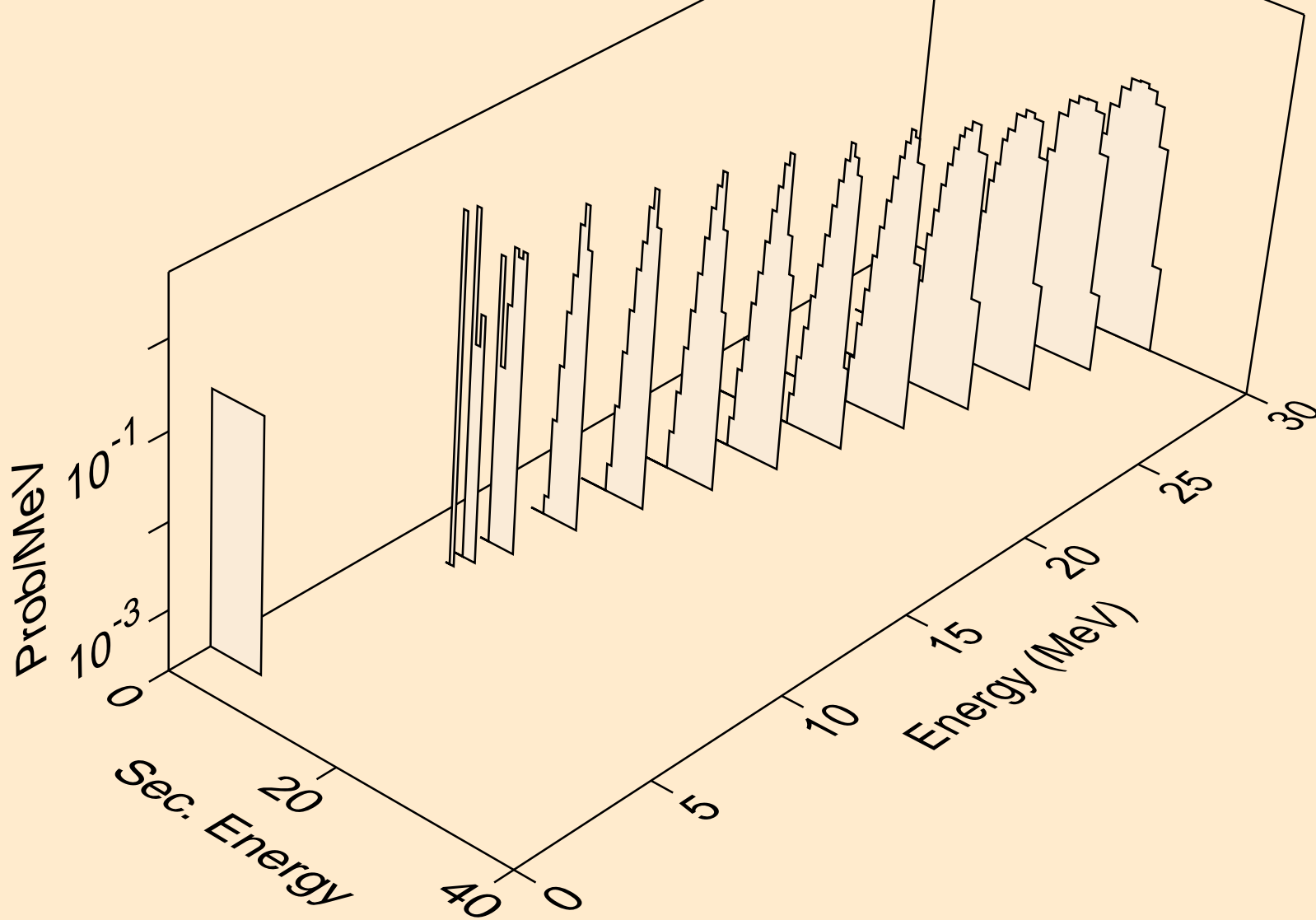
HG211 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,x)



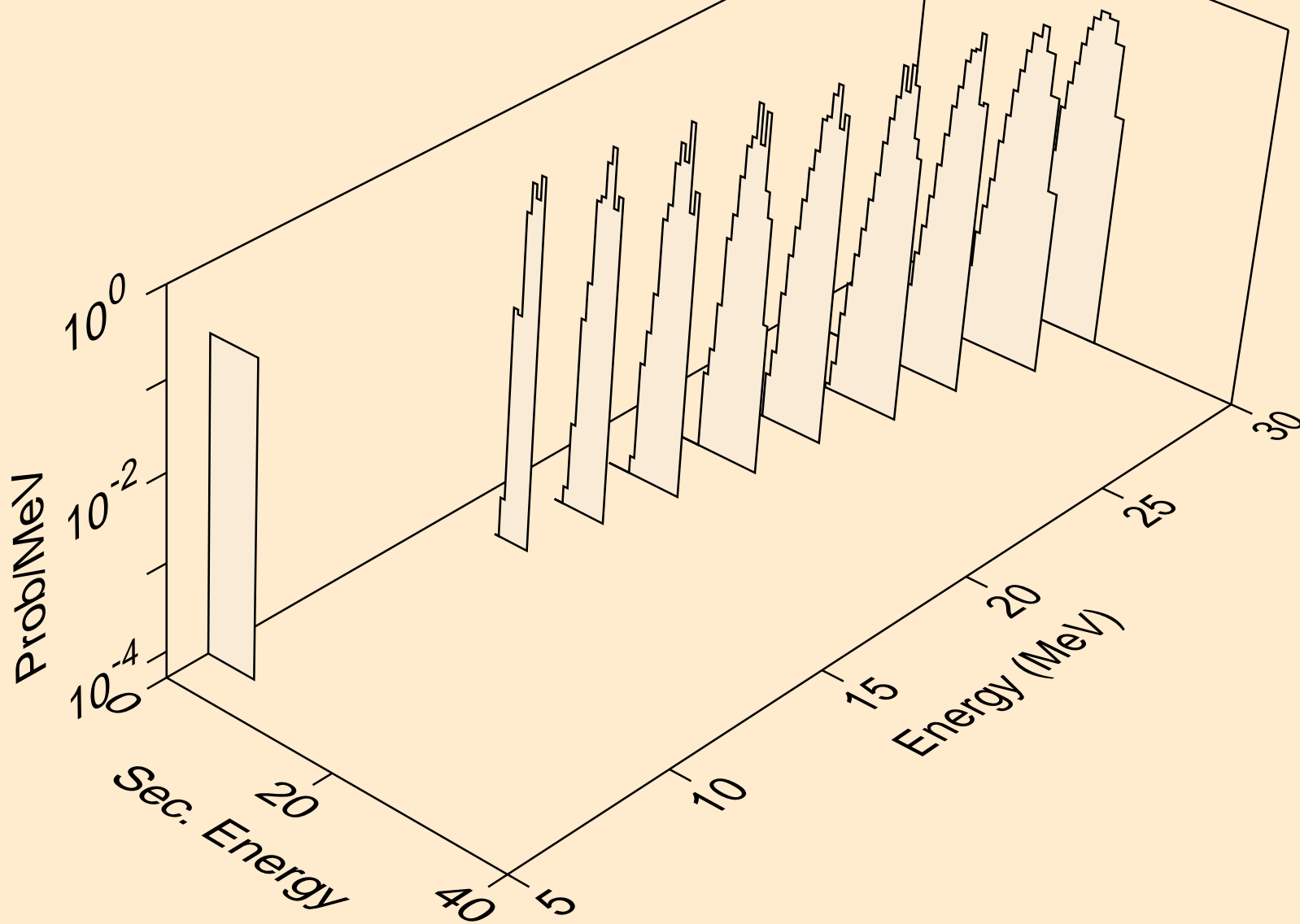
HG211 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)a



HG211 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2n)a



HG211 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,3n)a



HG211 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,a)

