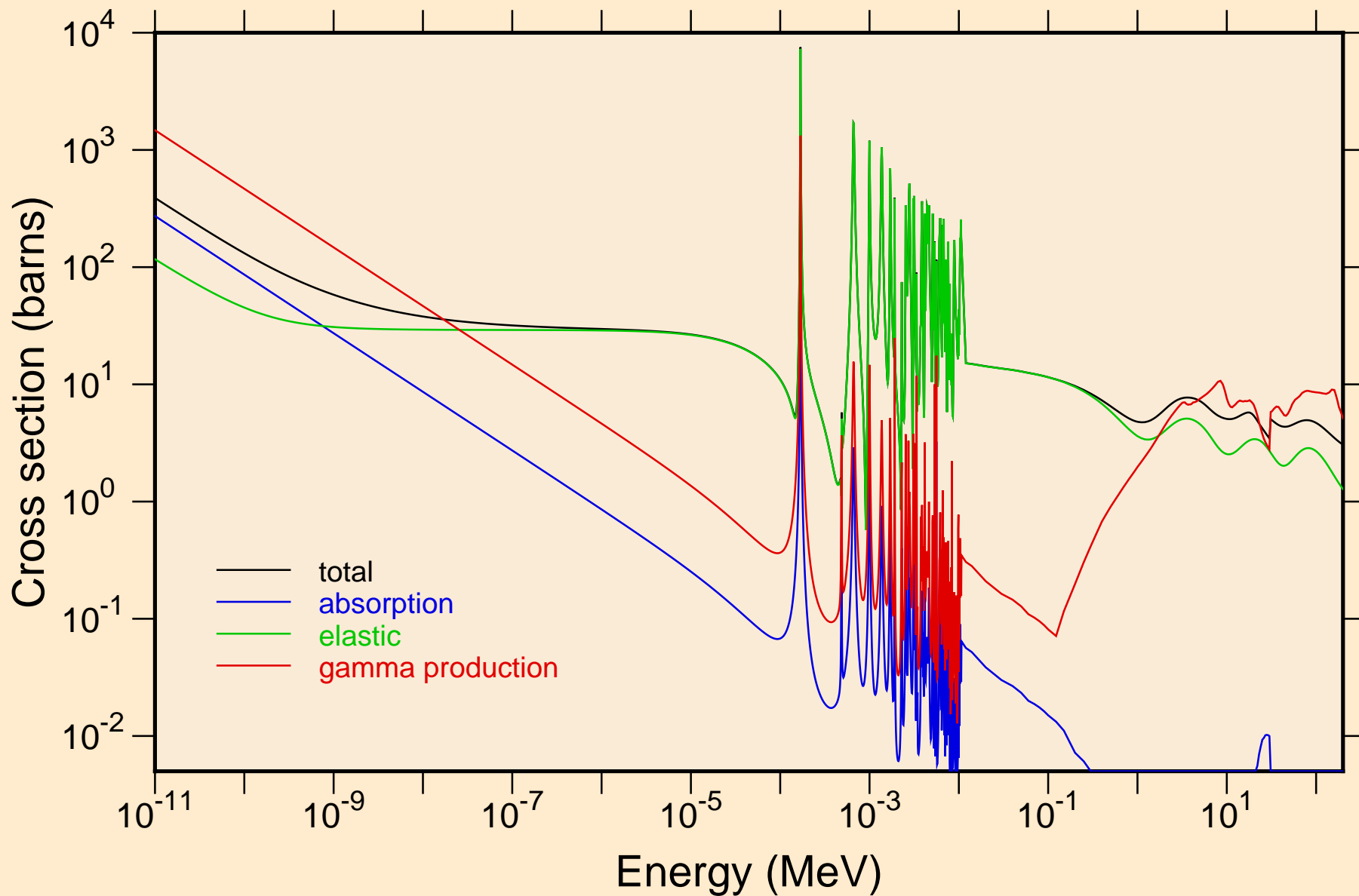
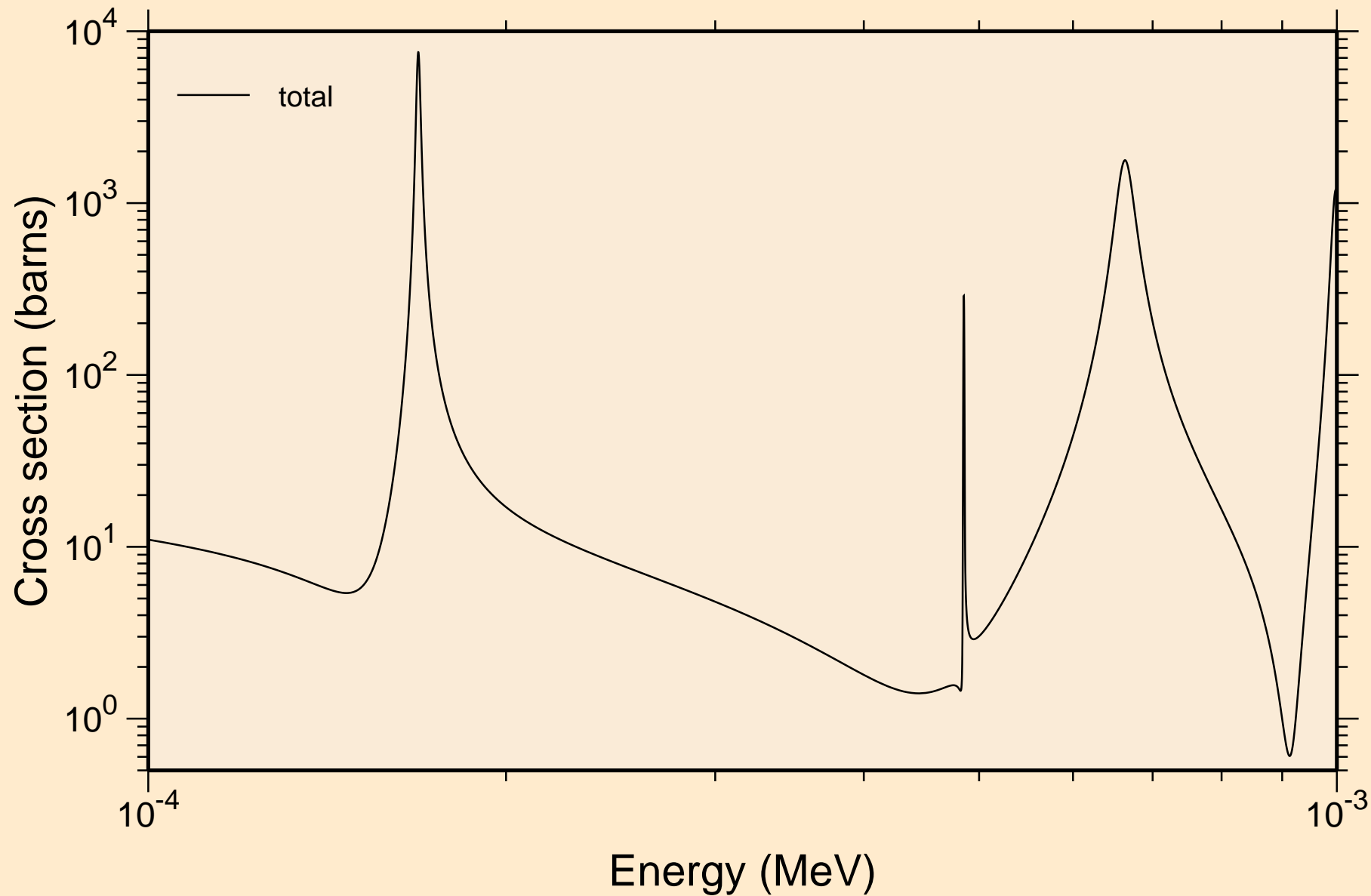


# HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

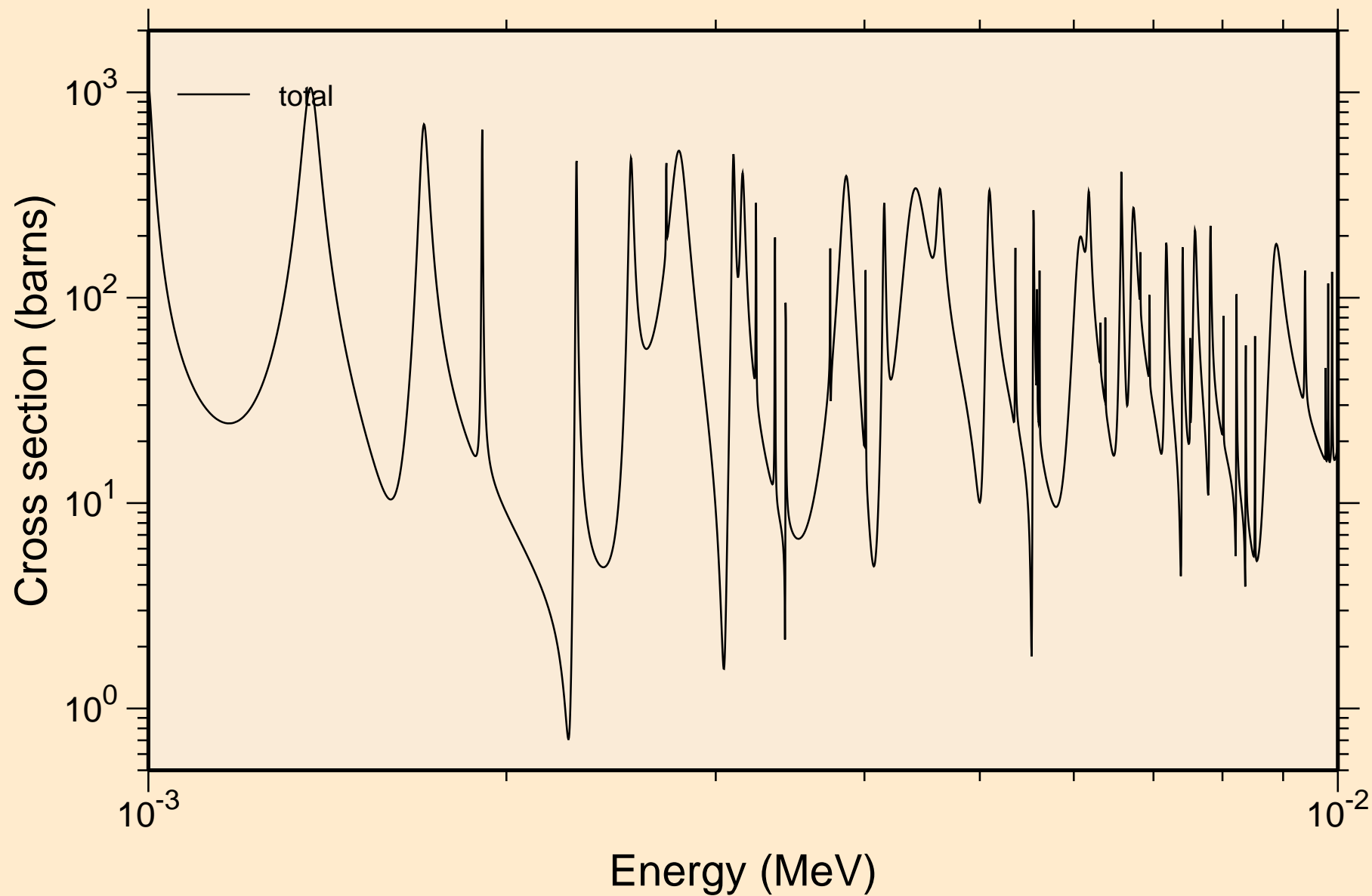
## Principal cross sections



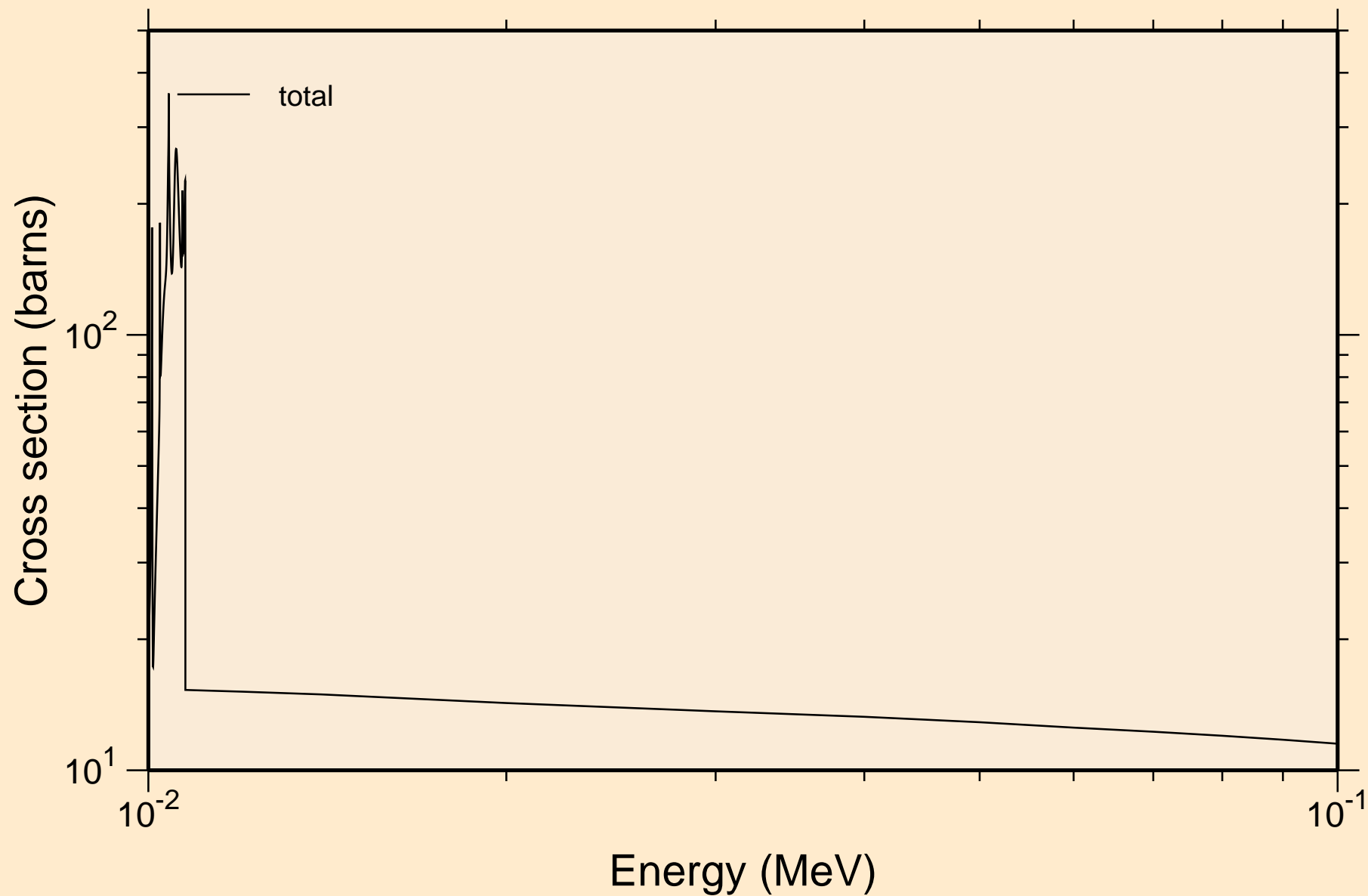
HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



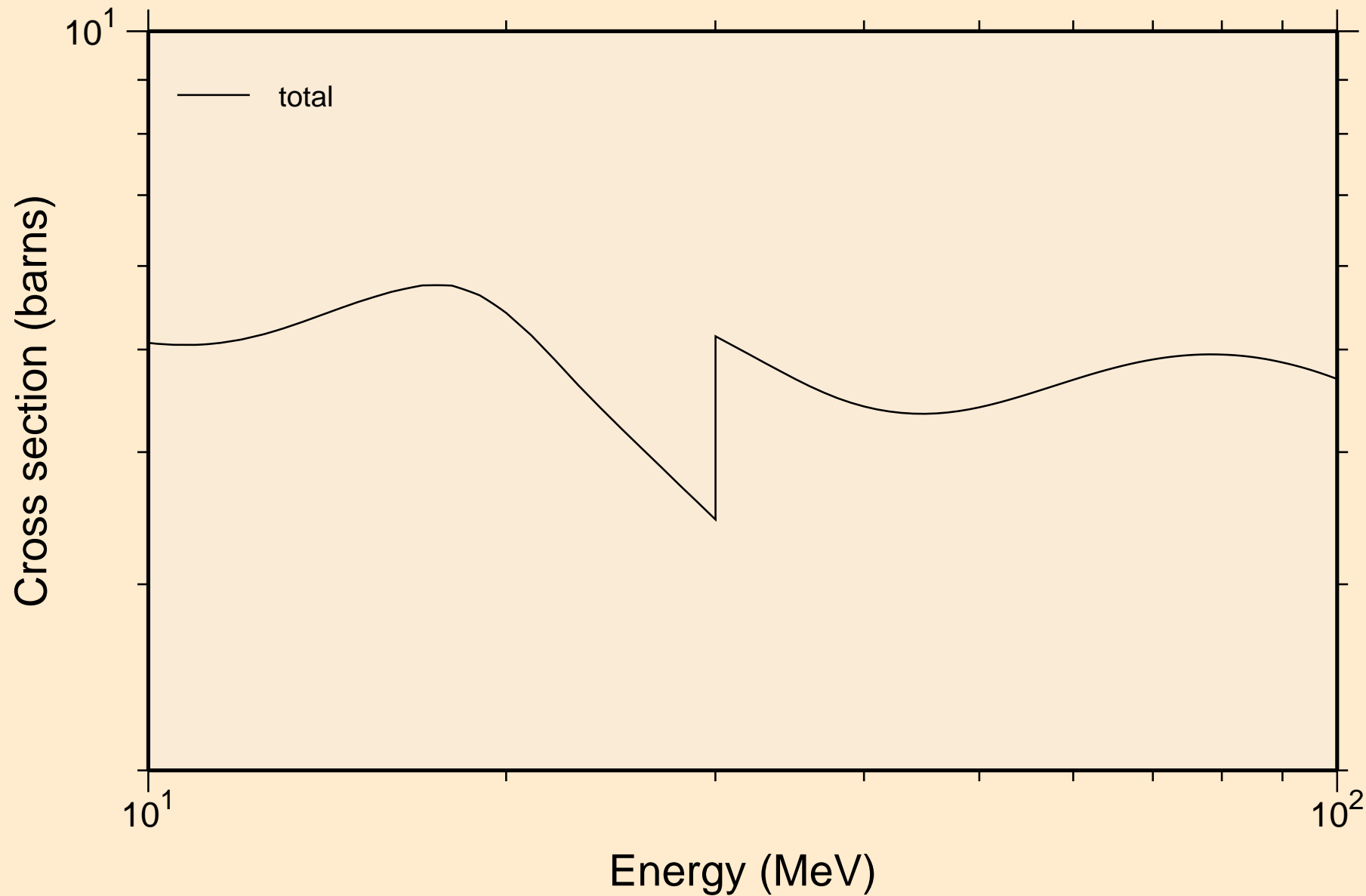
HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



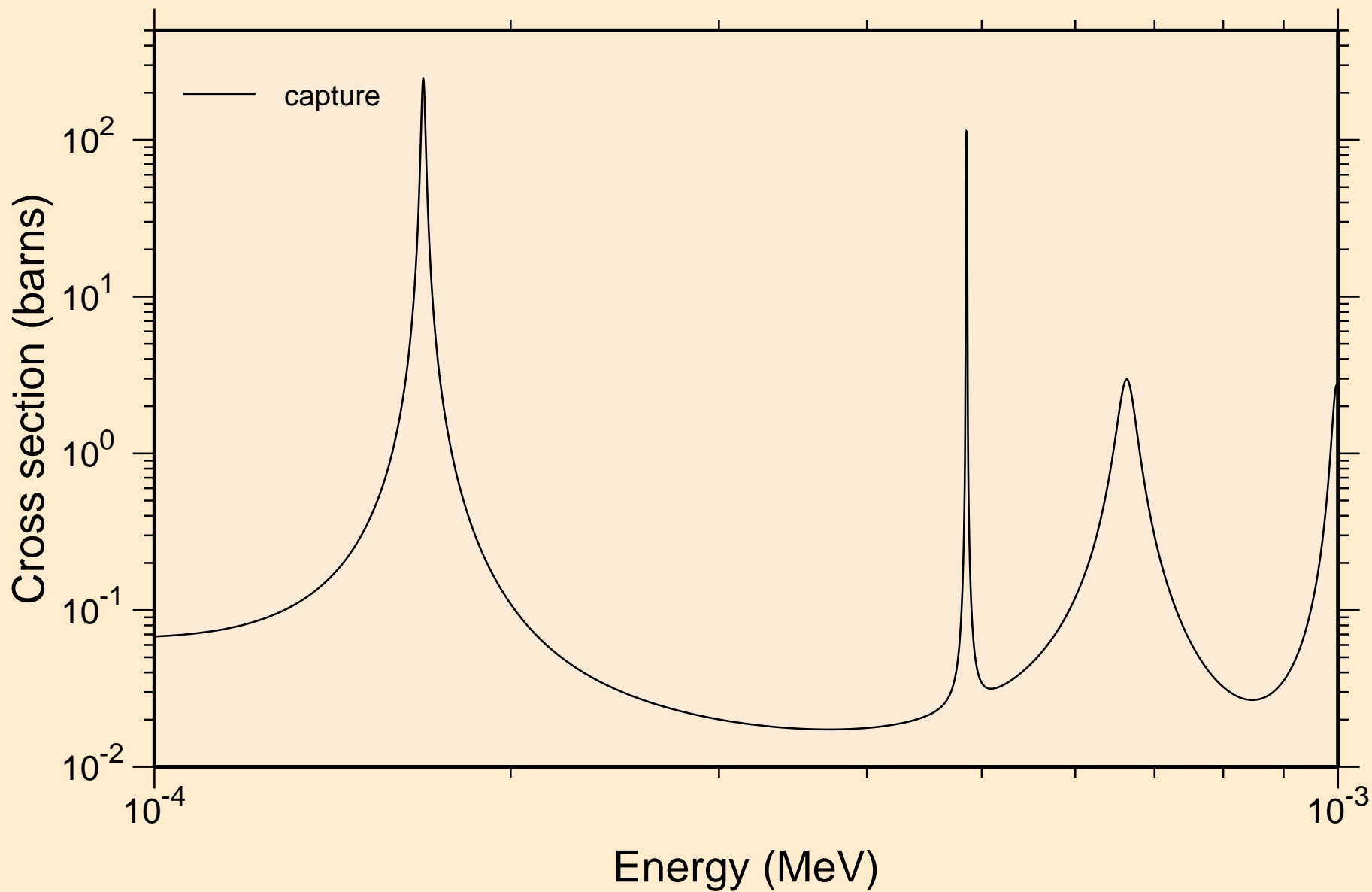
HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



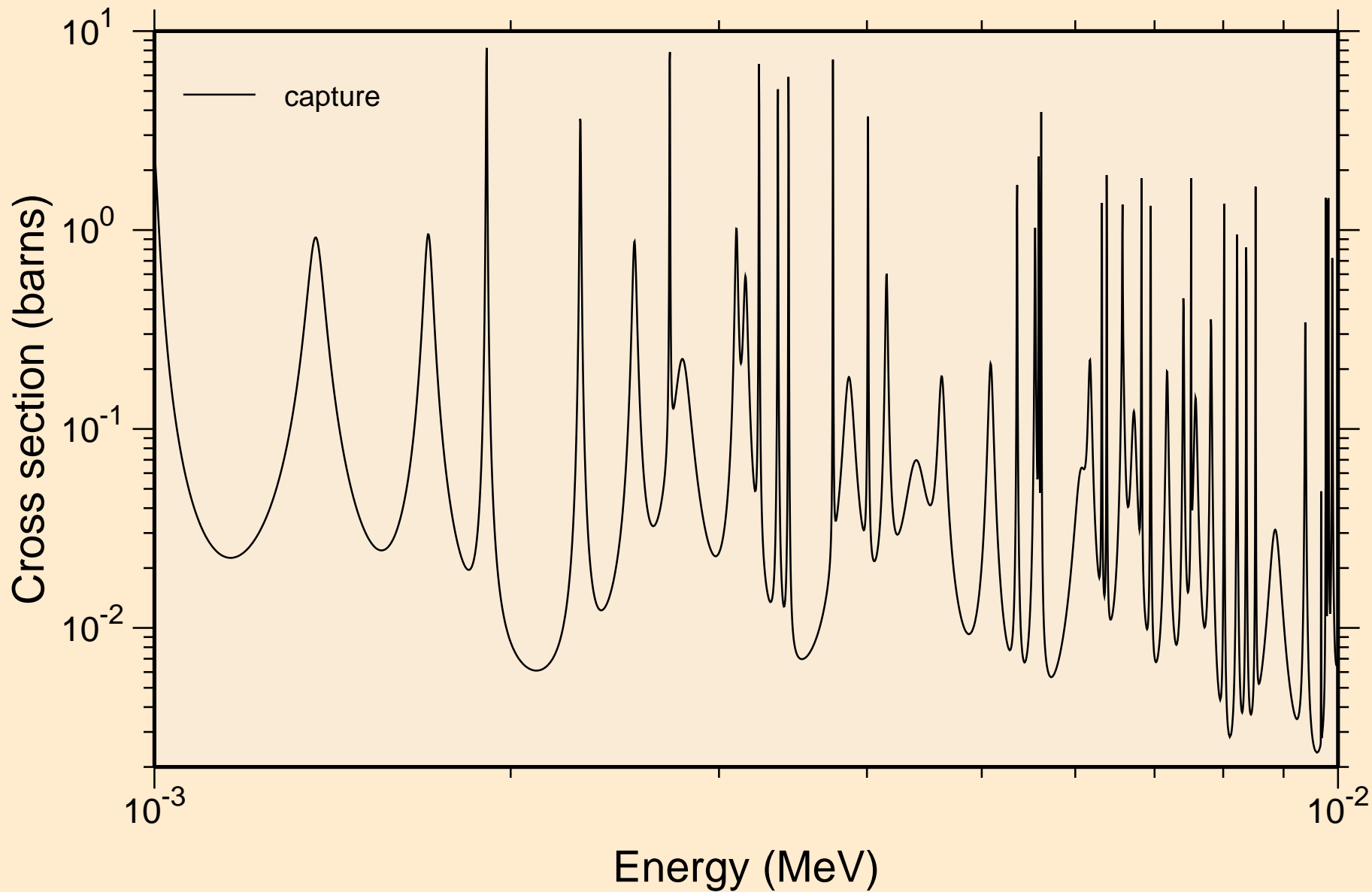
HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



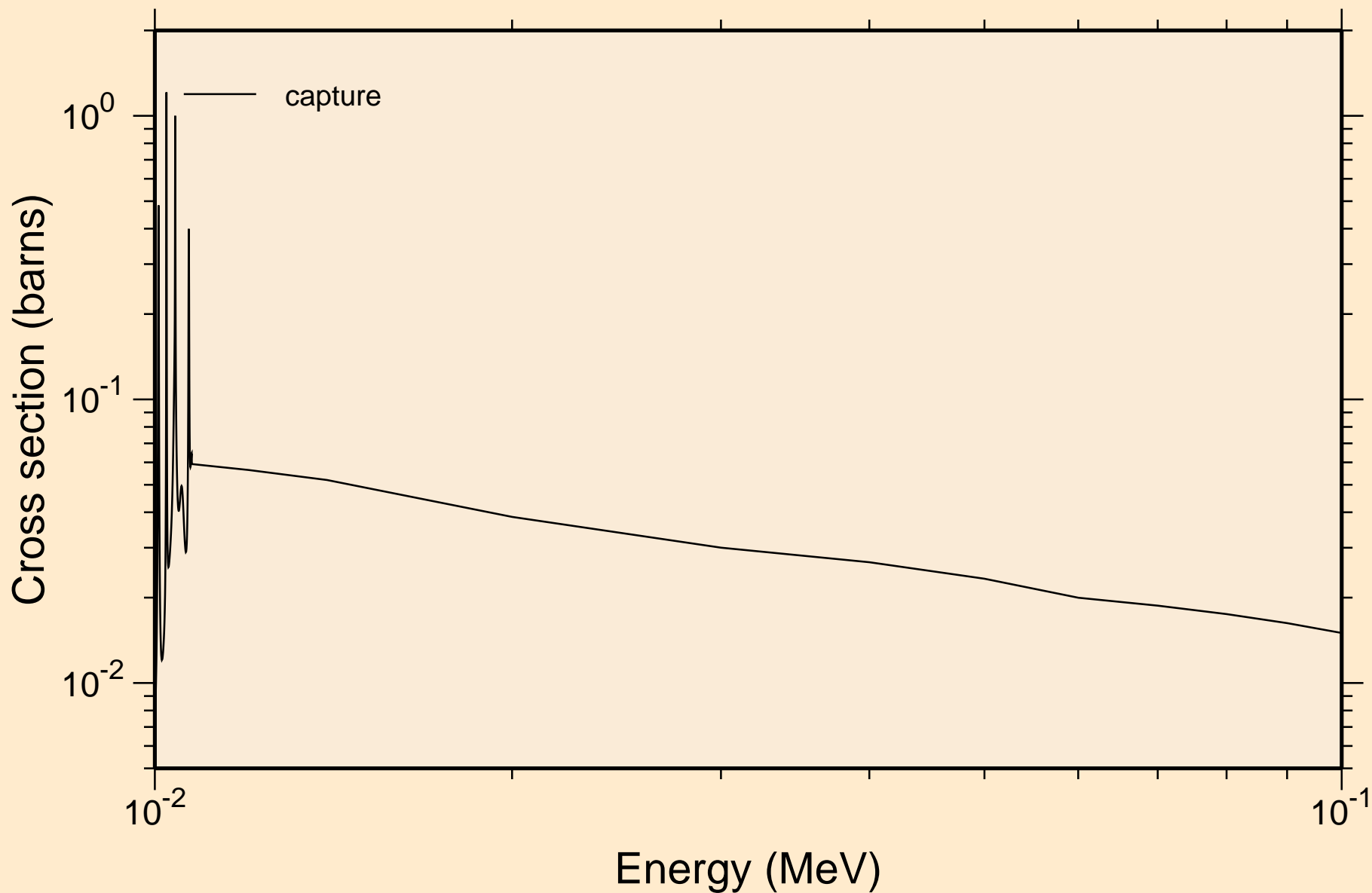
HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections

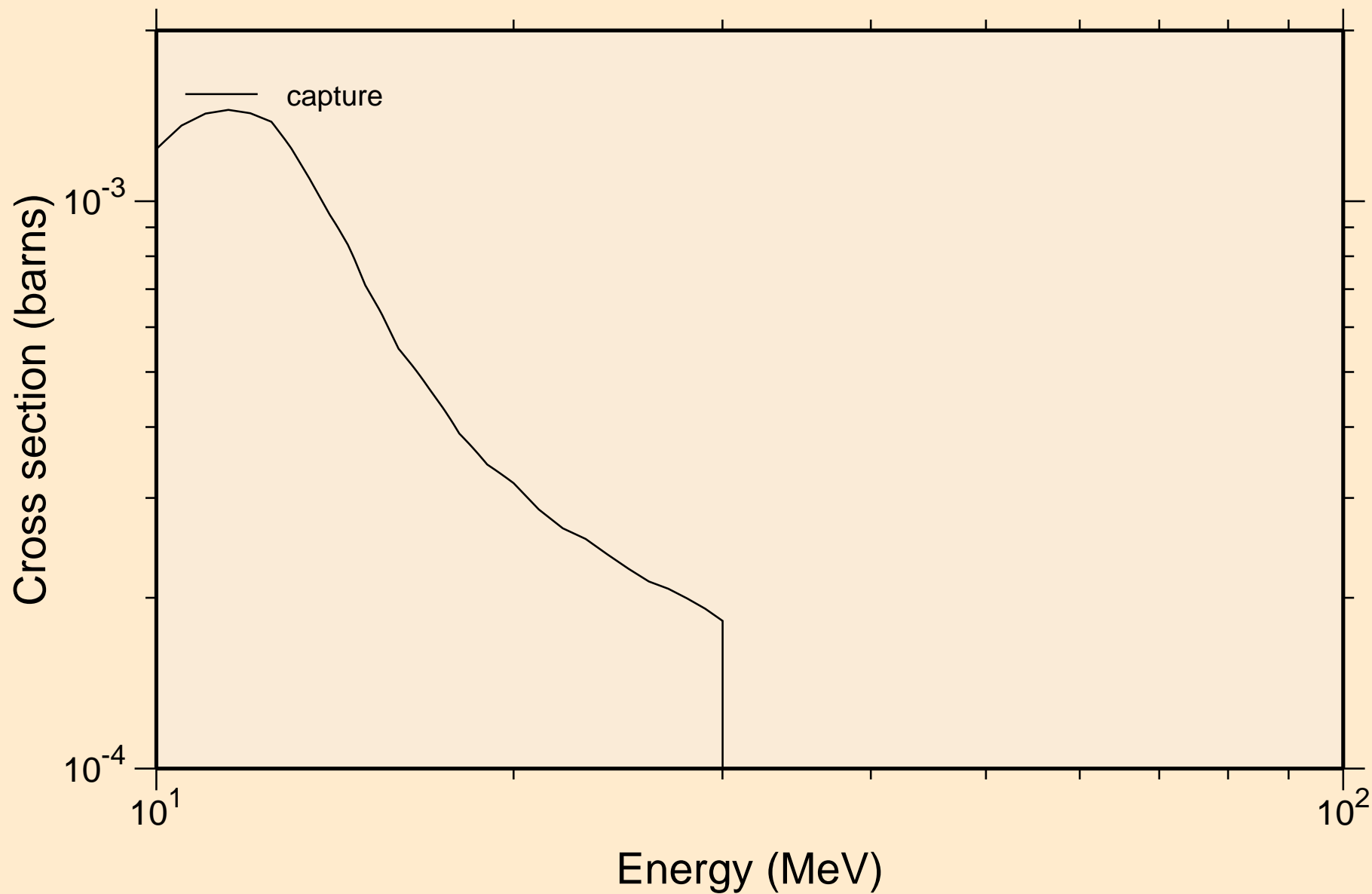


HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections

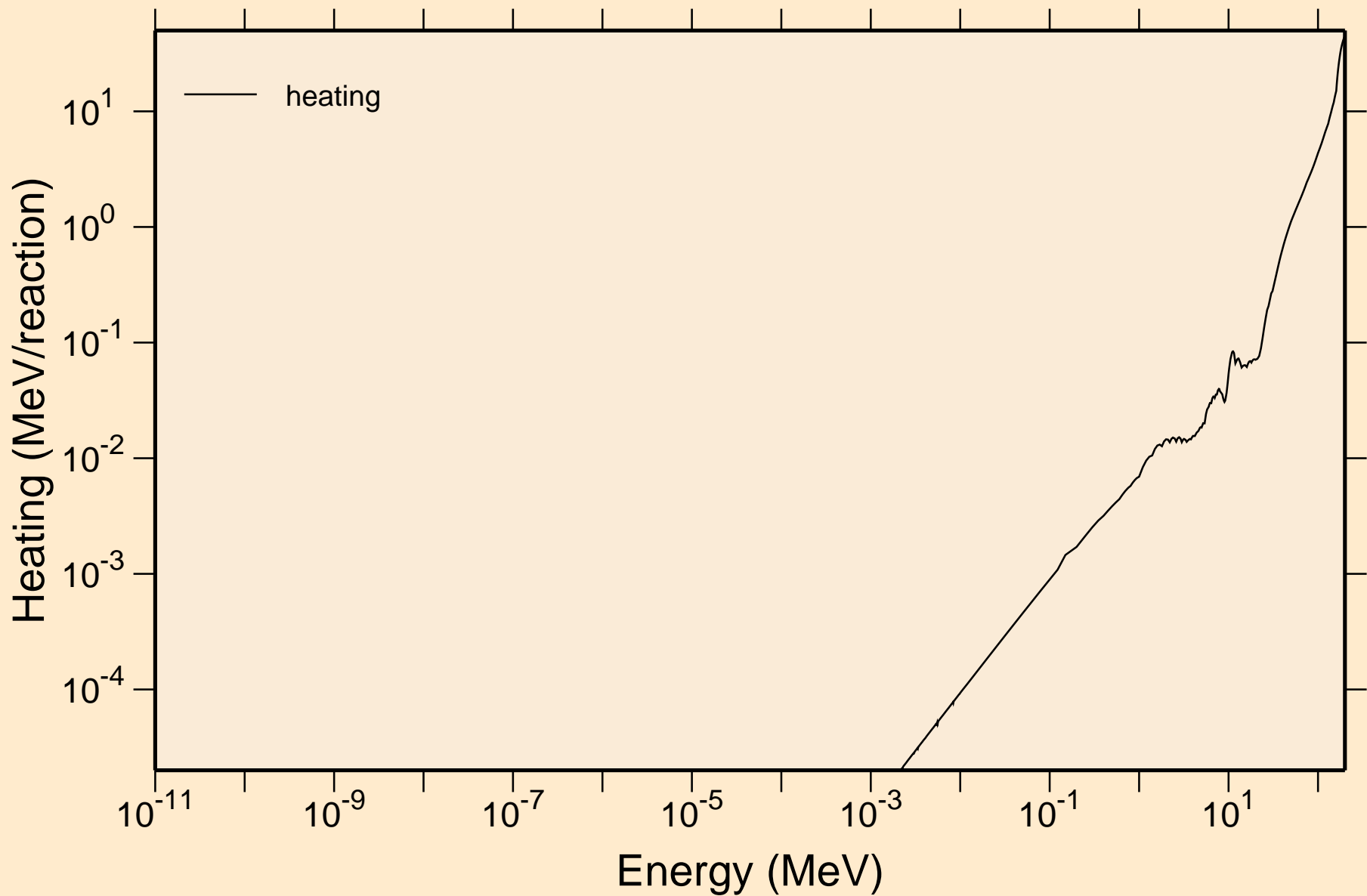




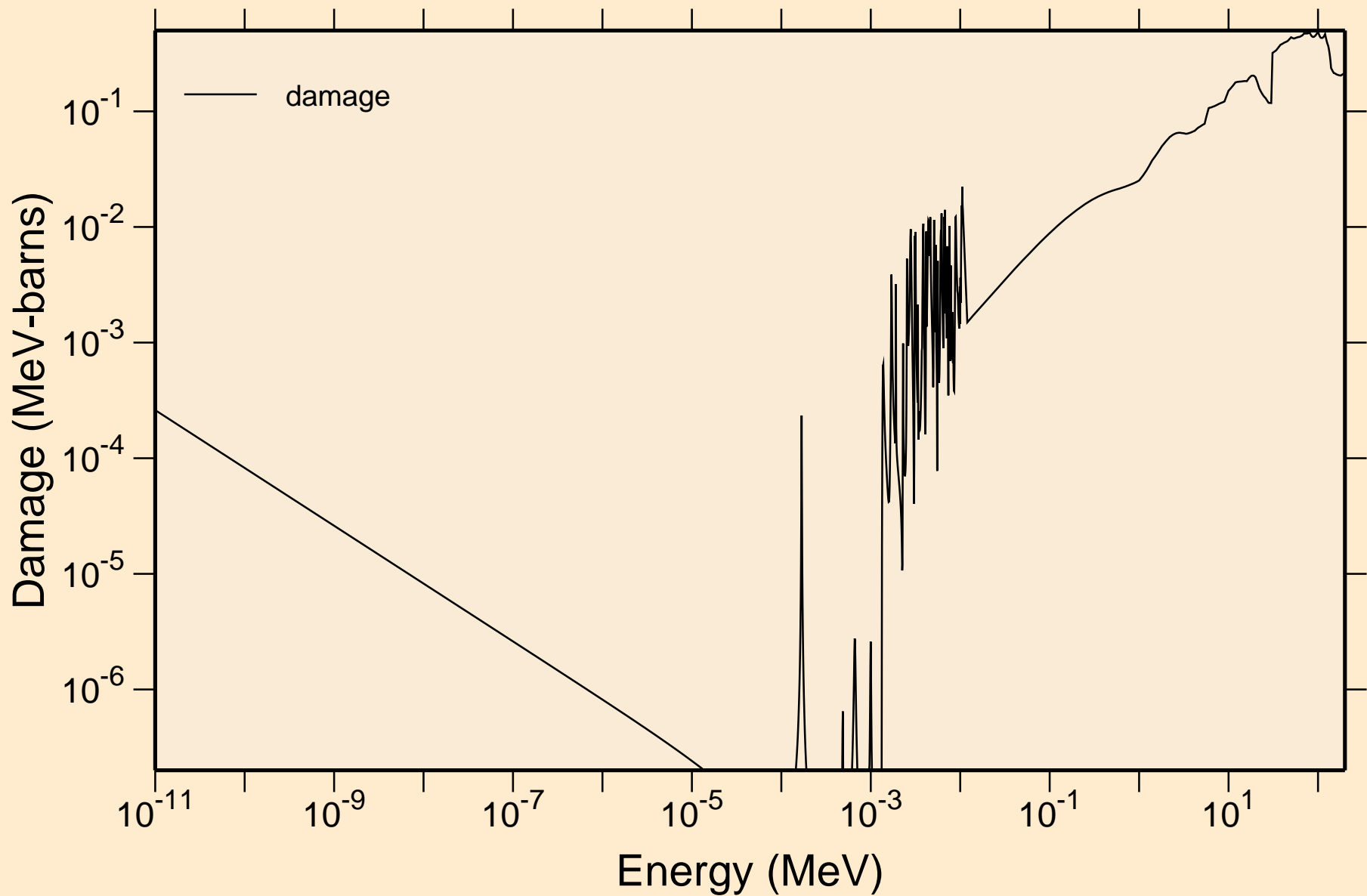
HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



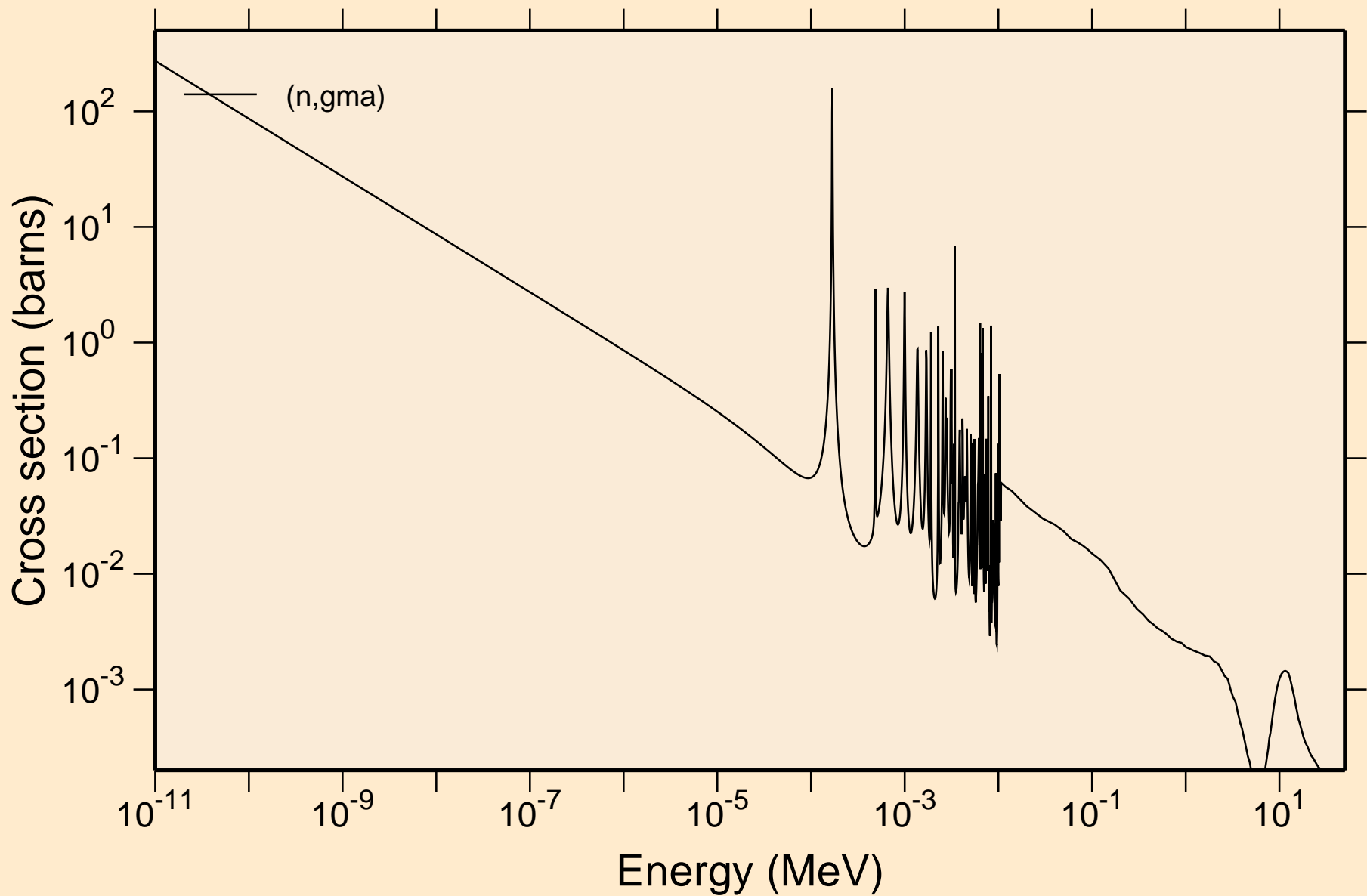
HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating



# HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K Damage

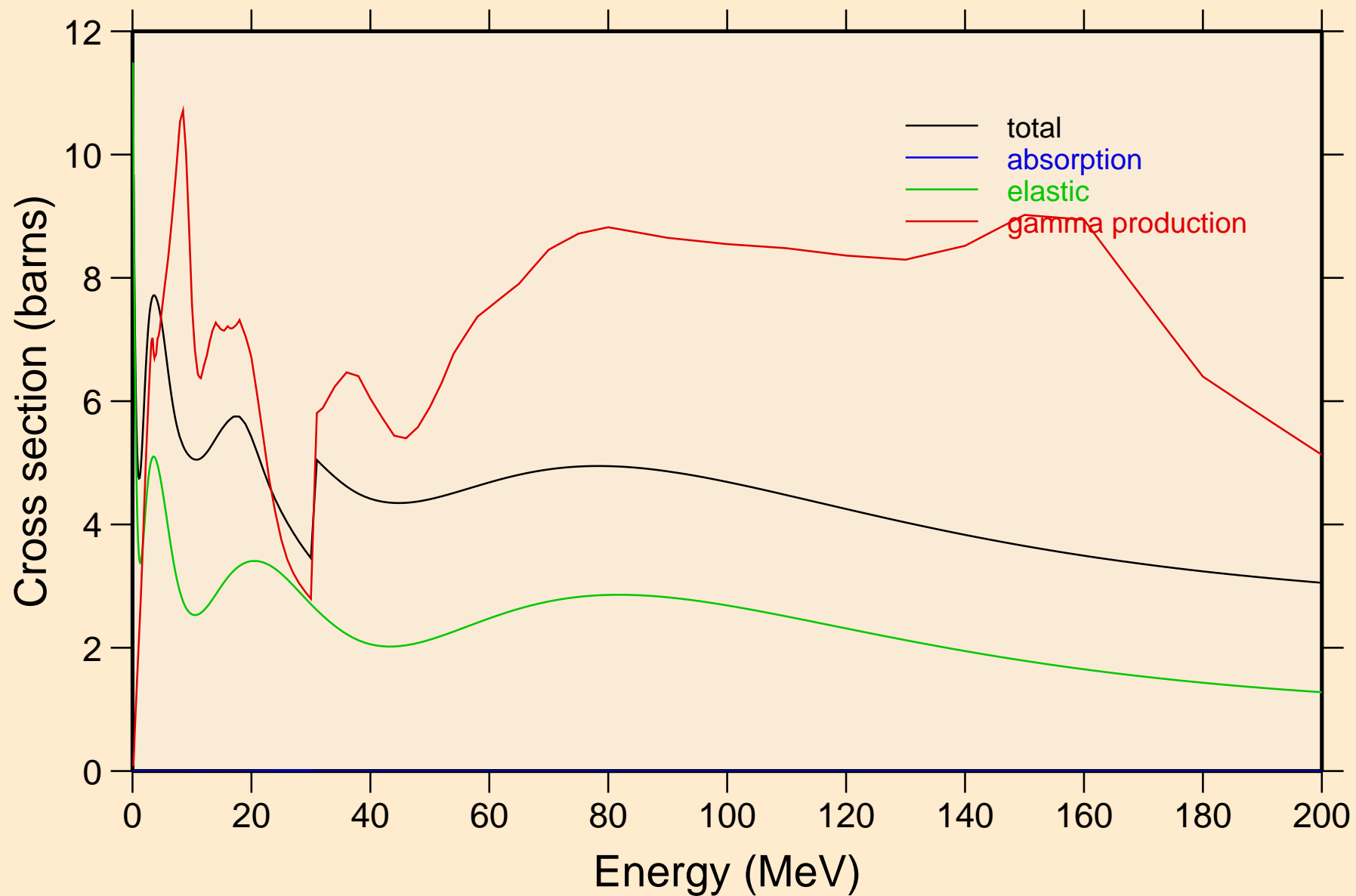


HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions

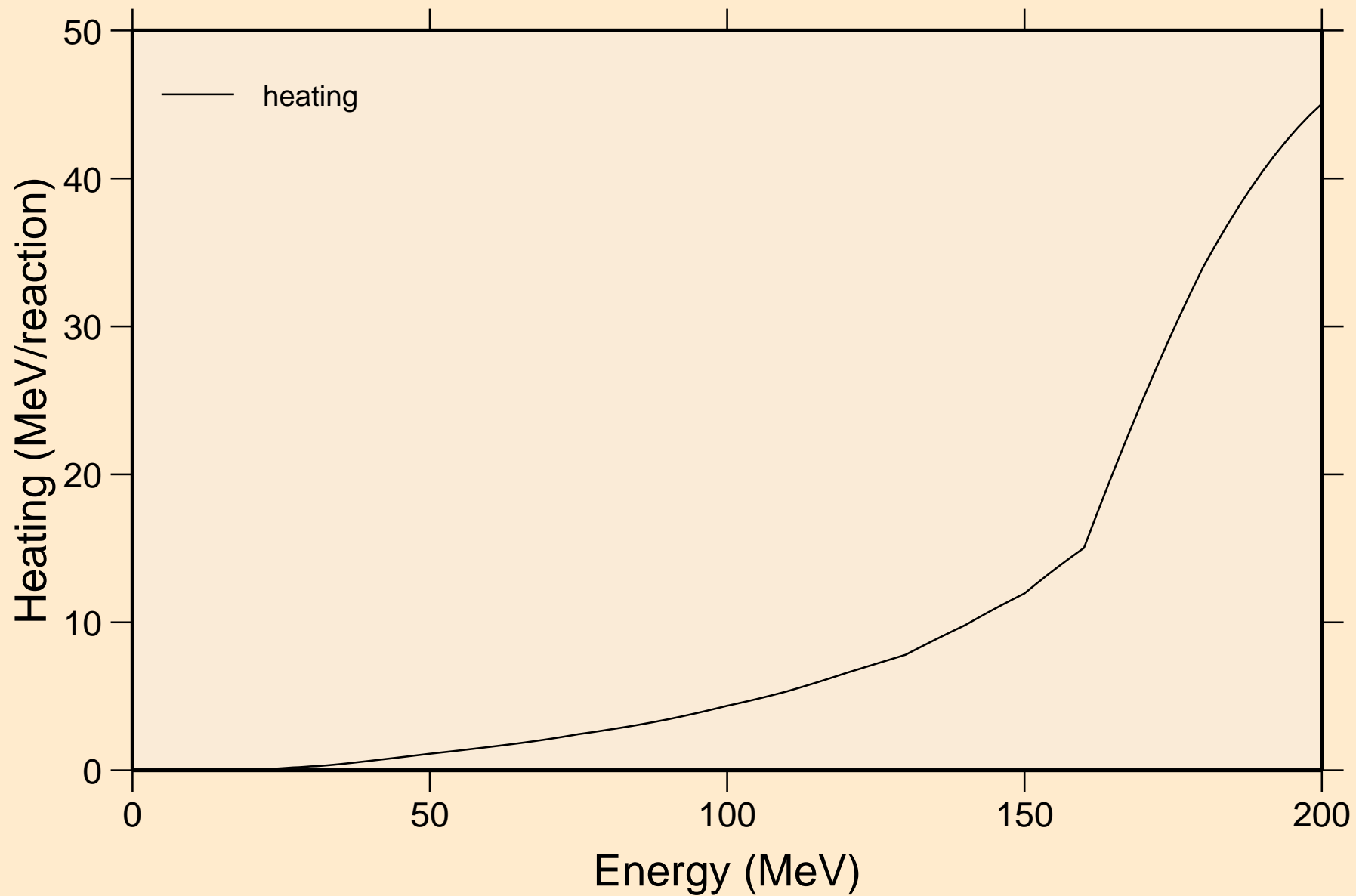


# HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

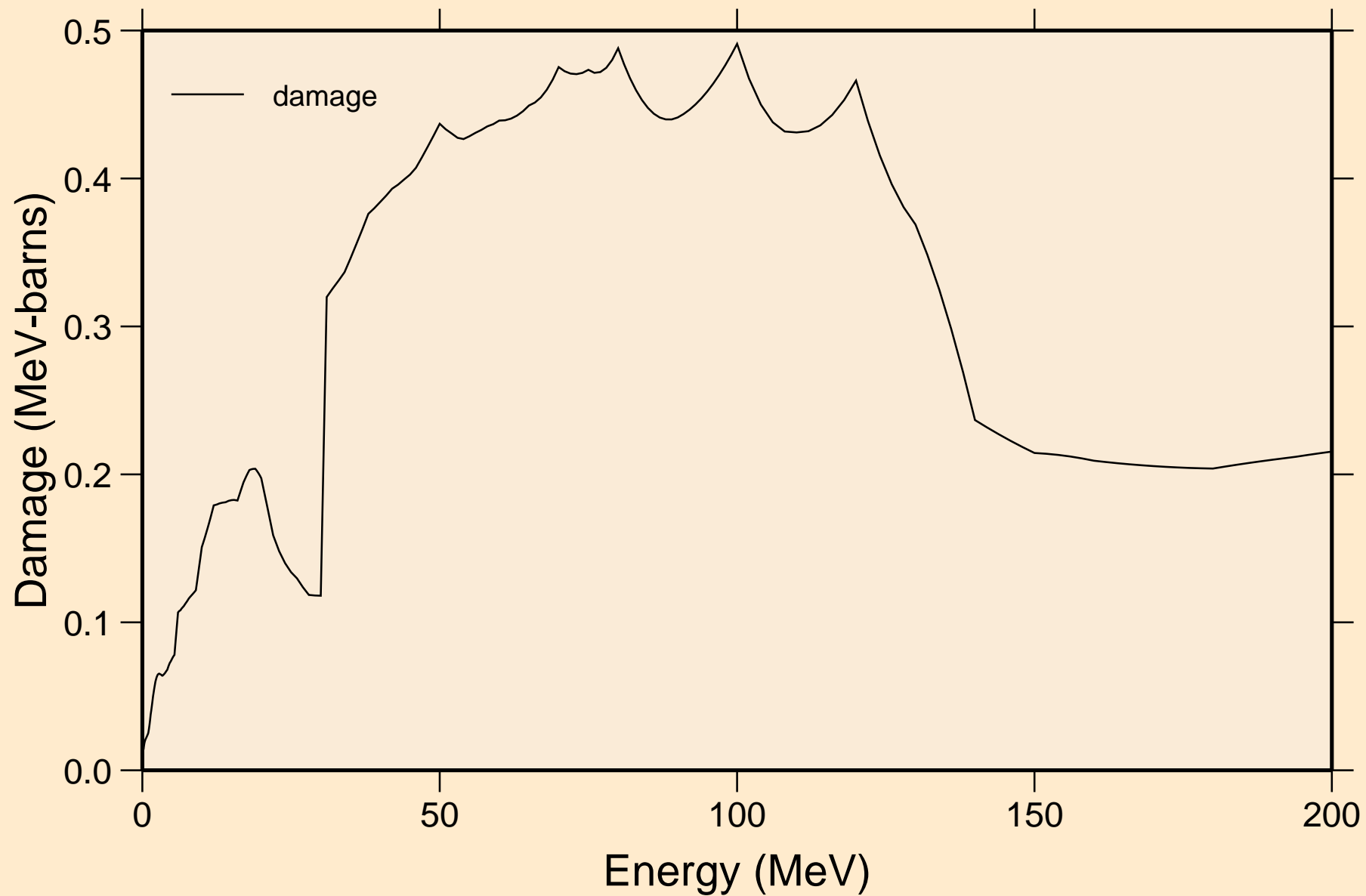
## Principal cross sections



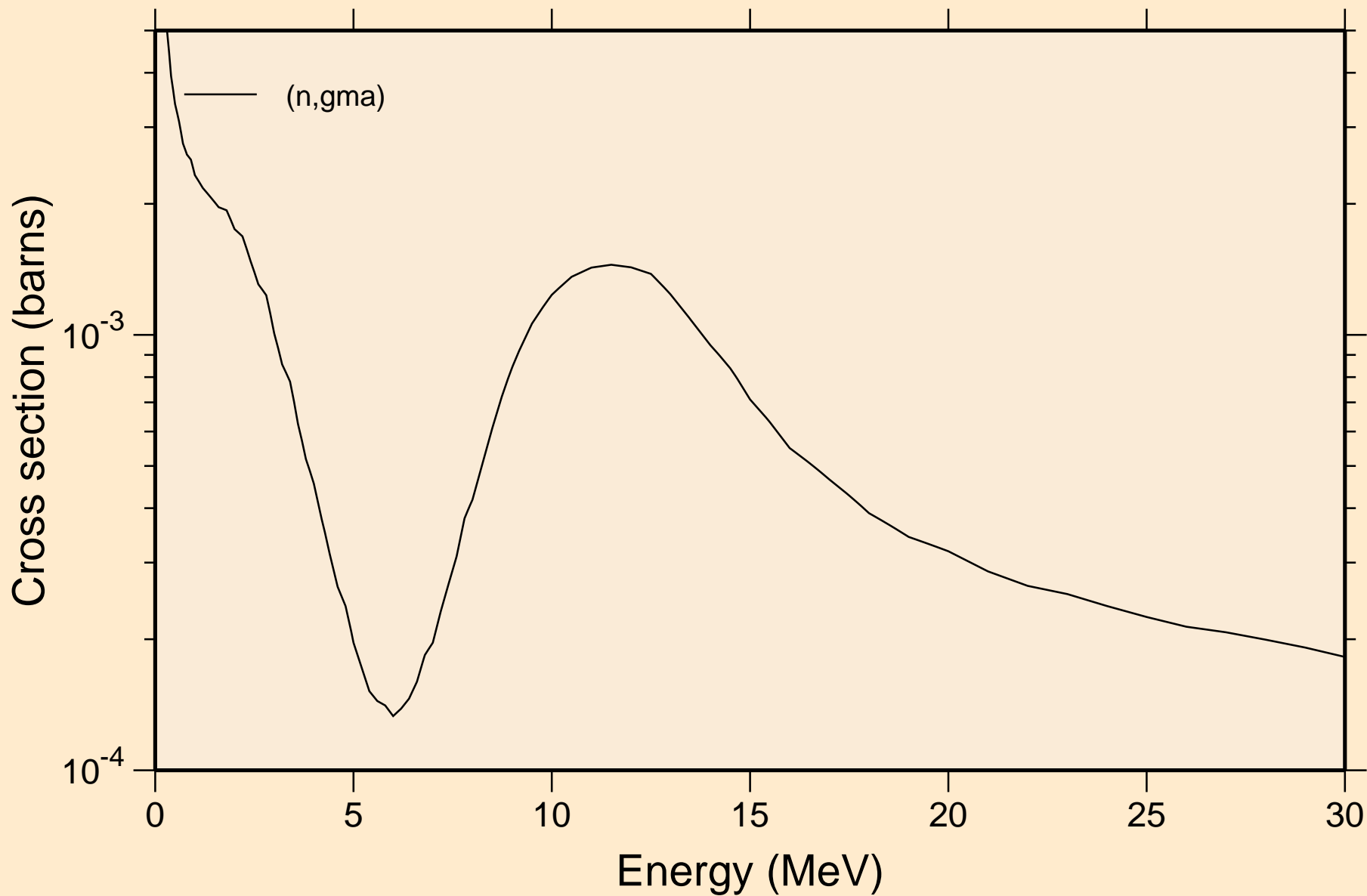
HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating



# HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K Damage

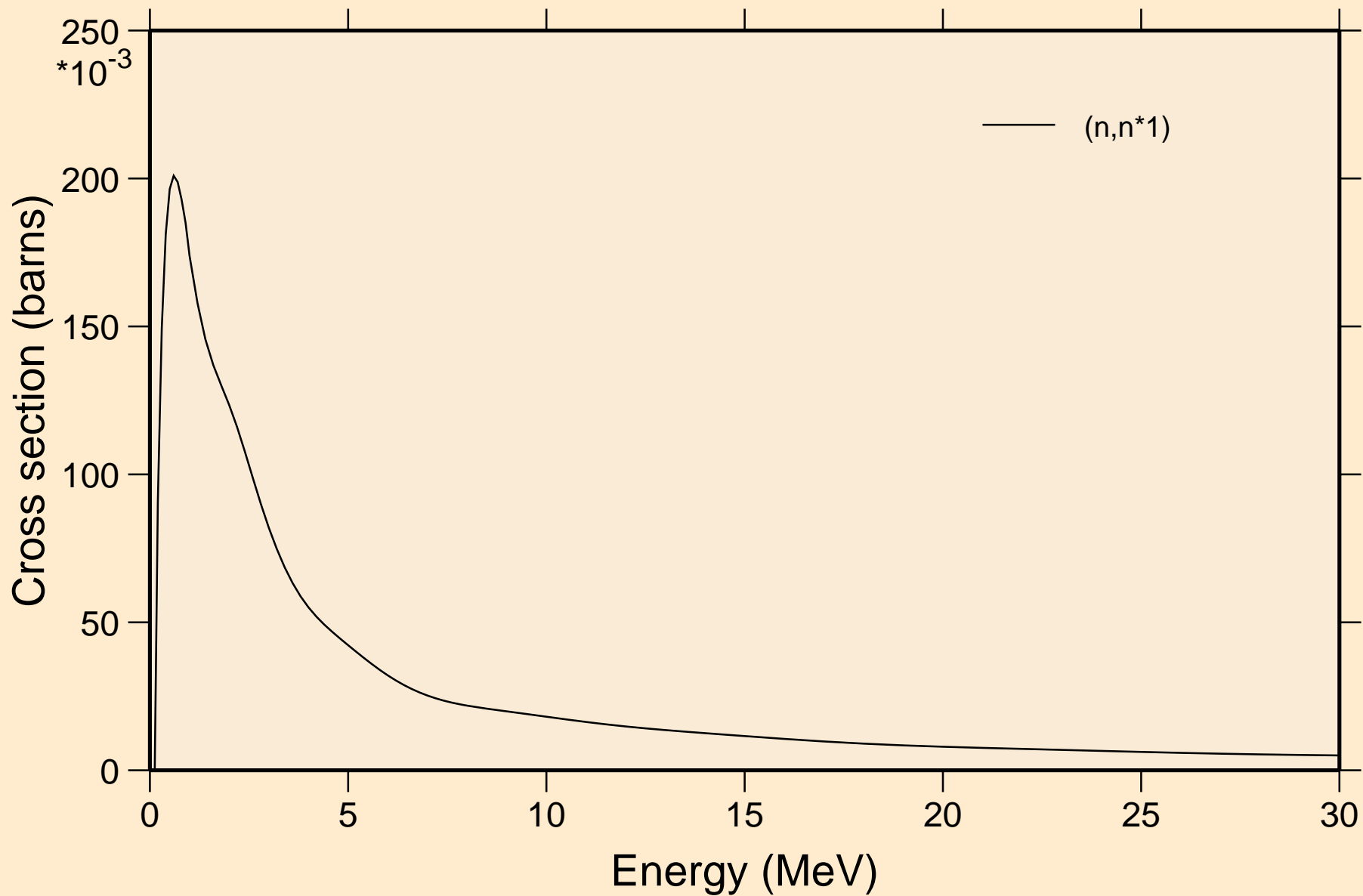


HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions



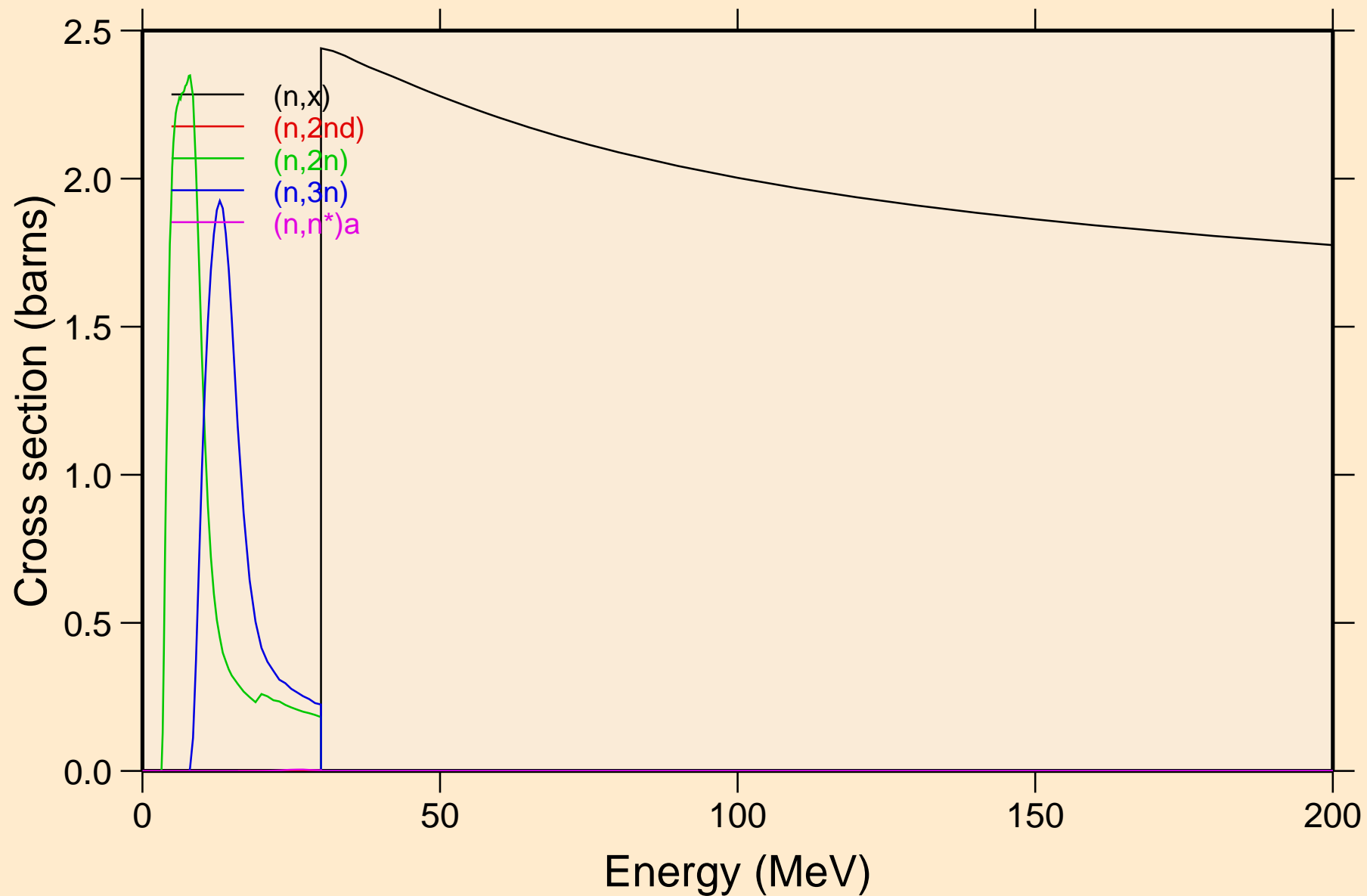


HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



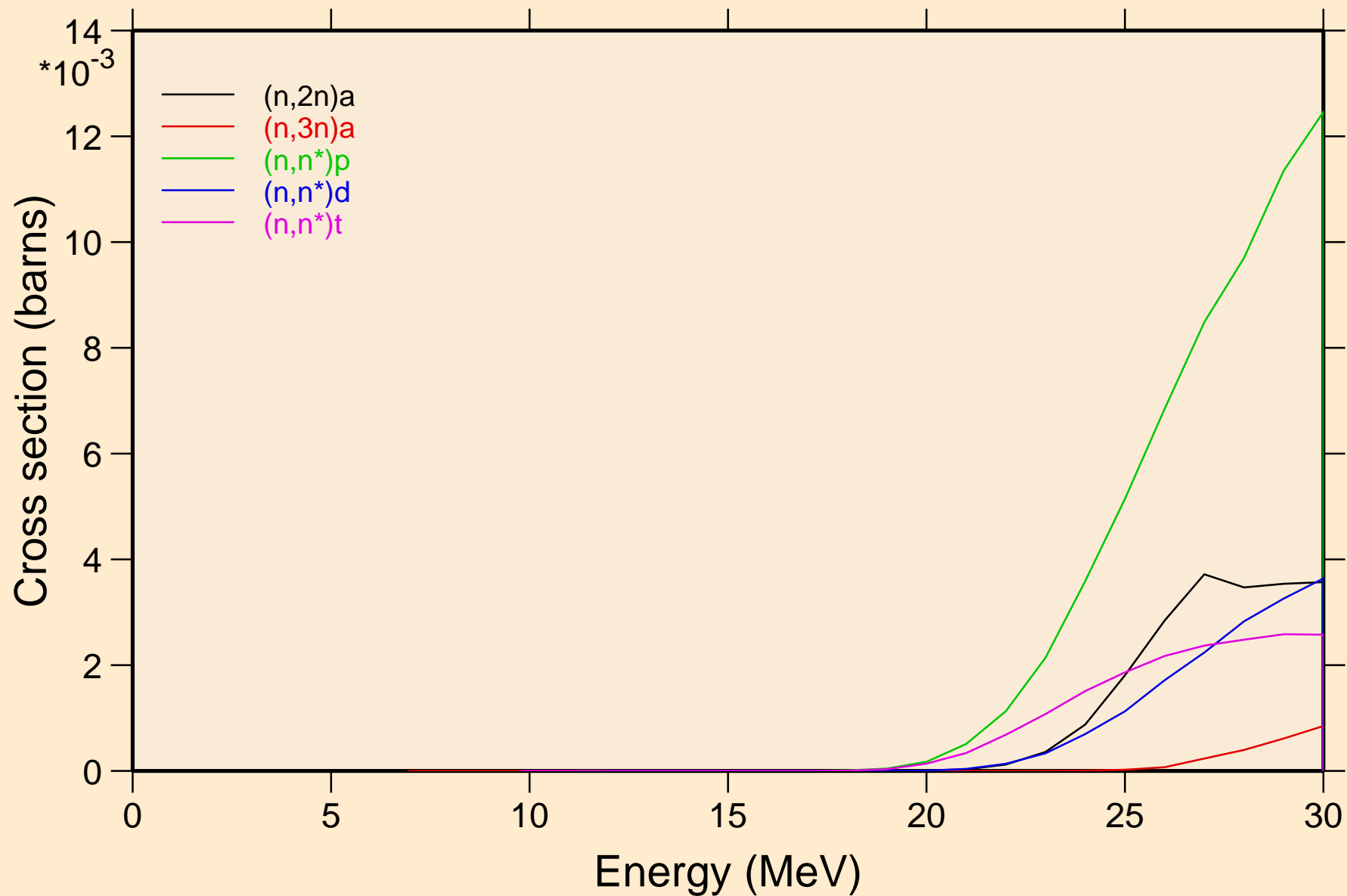
# HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

## Threshold reactions

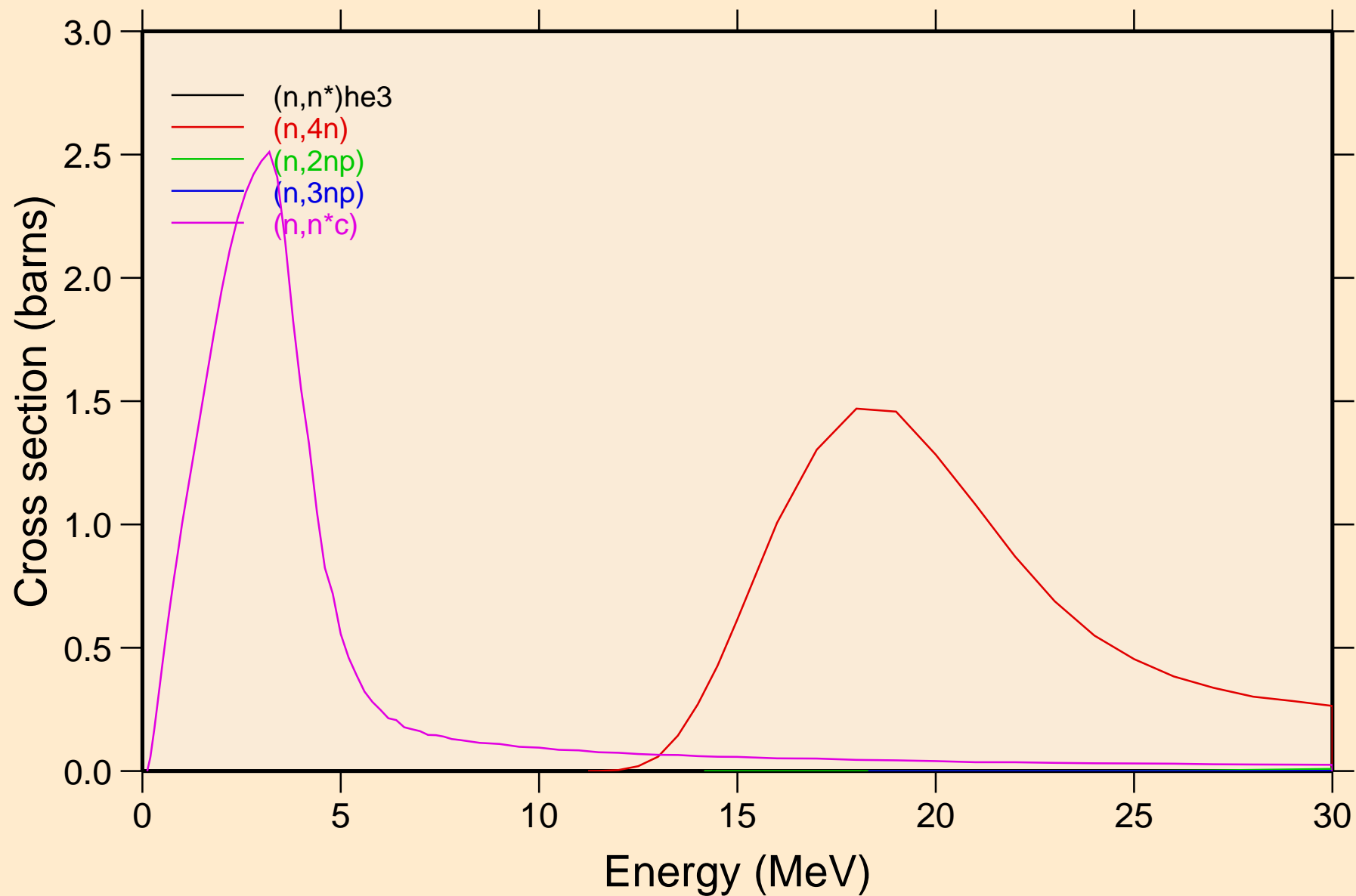


# HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

## Threshold reactions

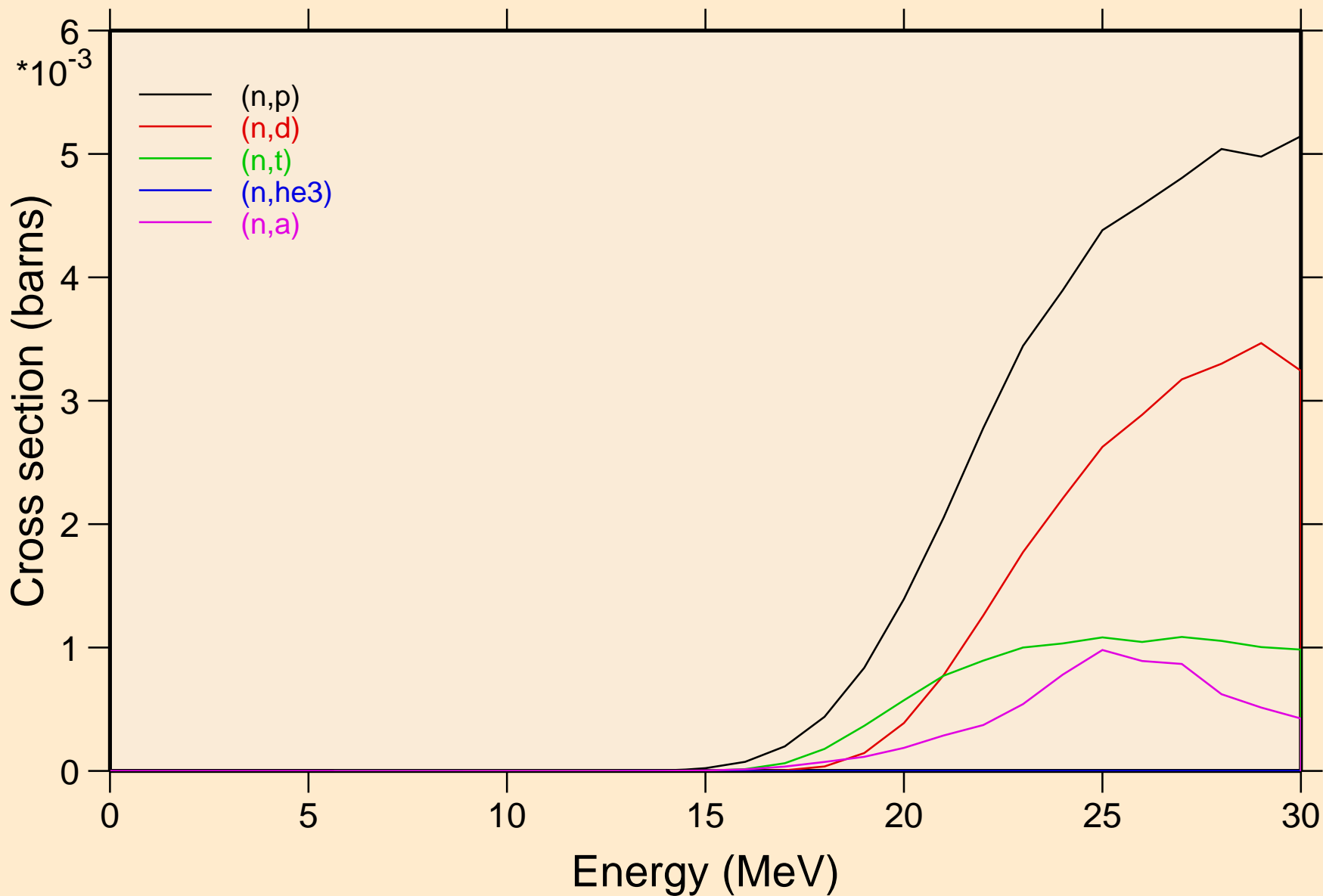


HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



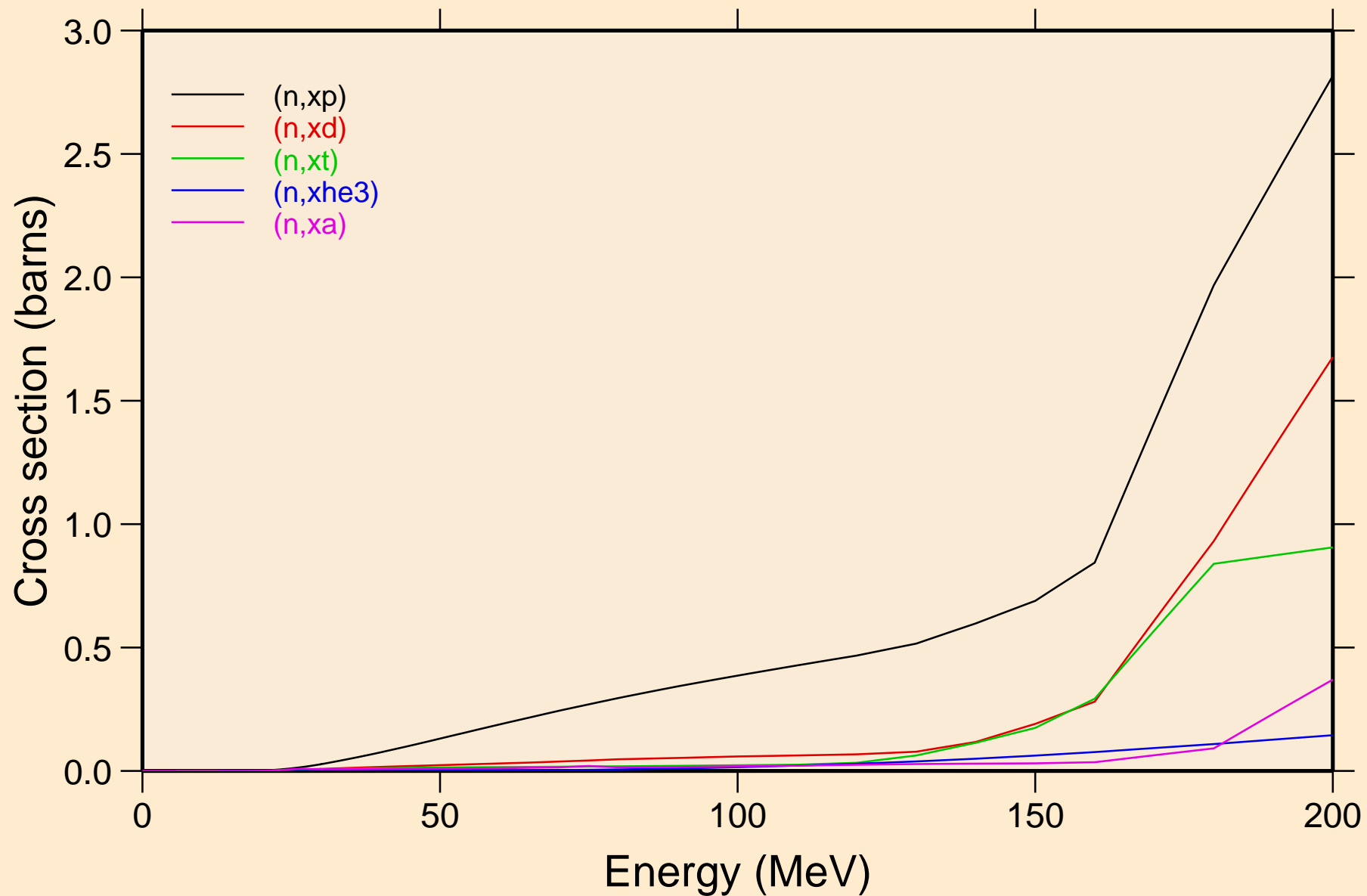
# HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

## Threshold reactions

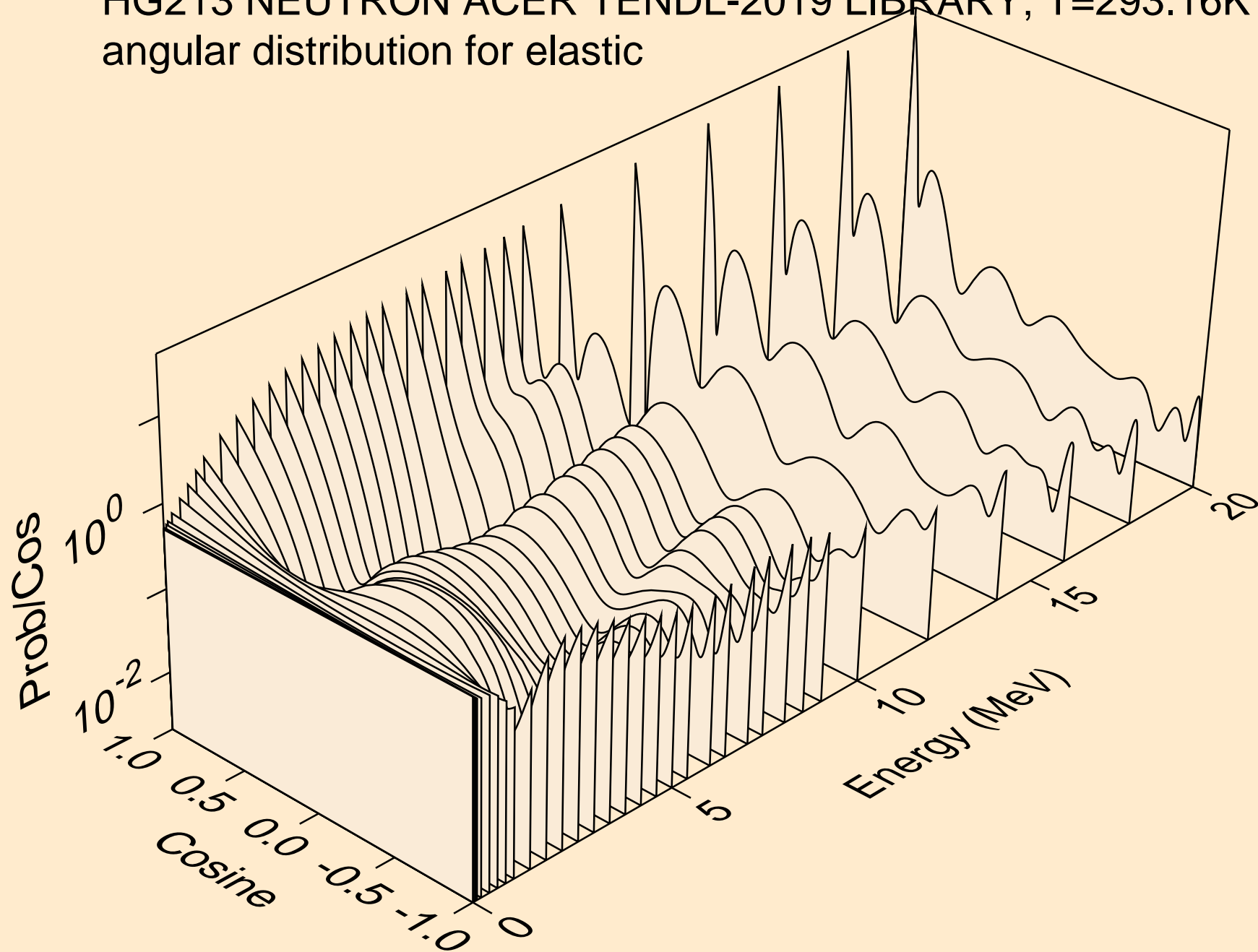


# HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

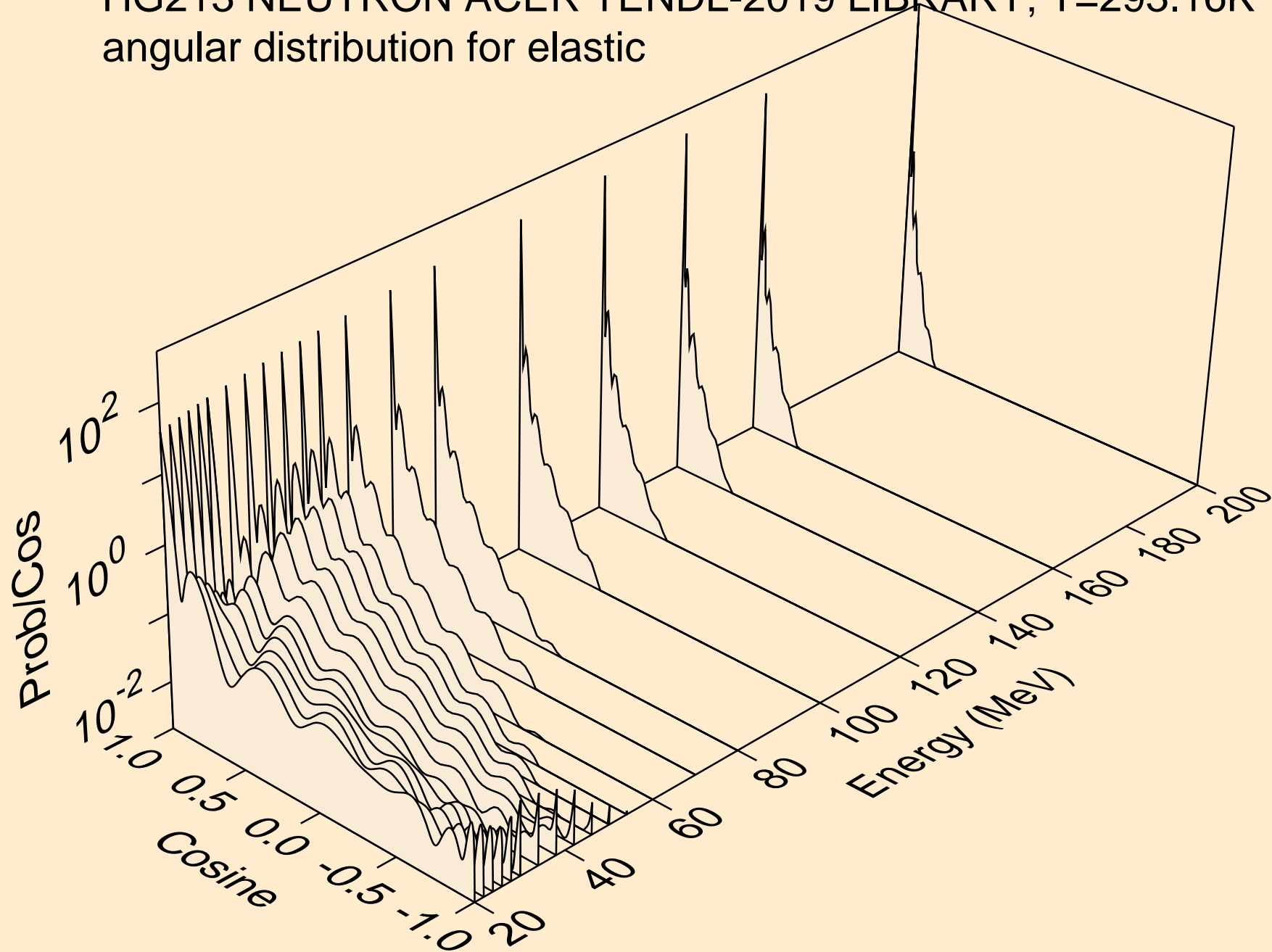
## Threshold reactions



HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic

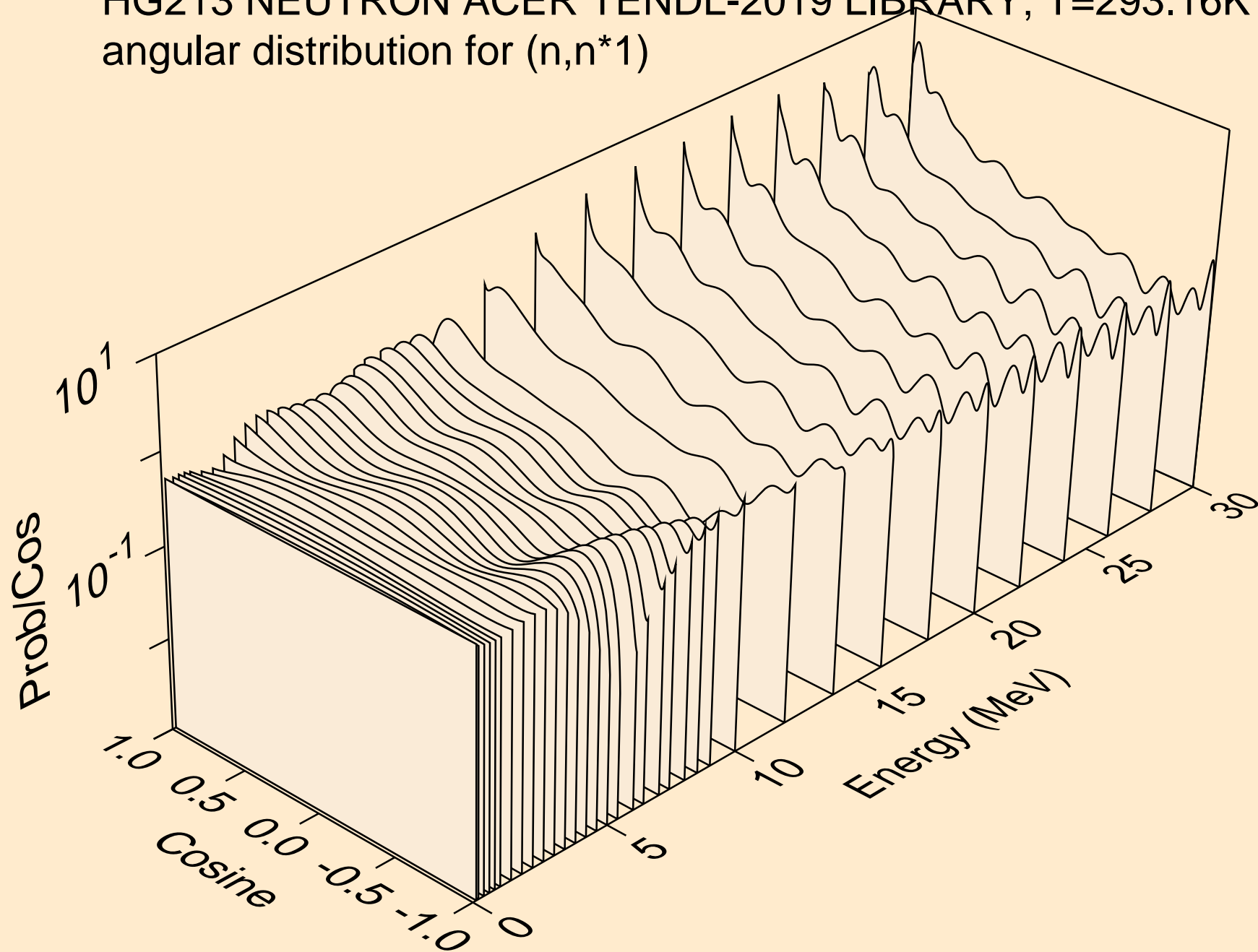


HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic

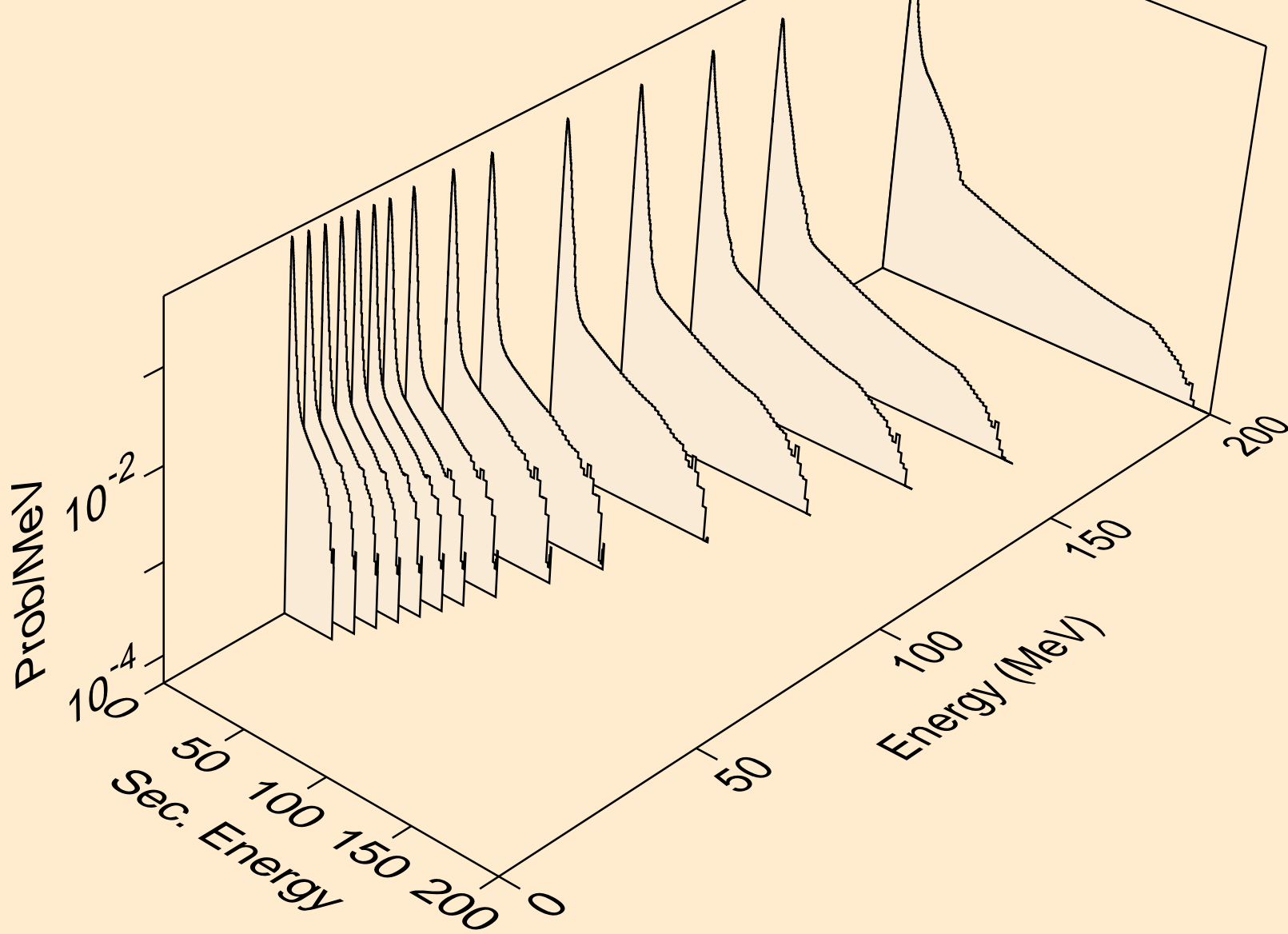




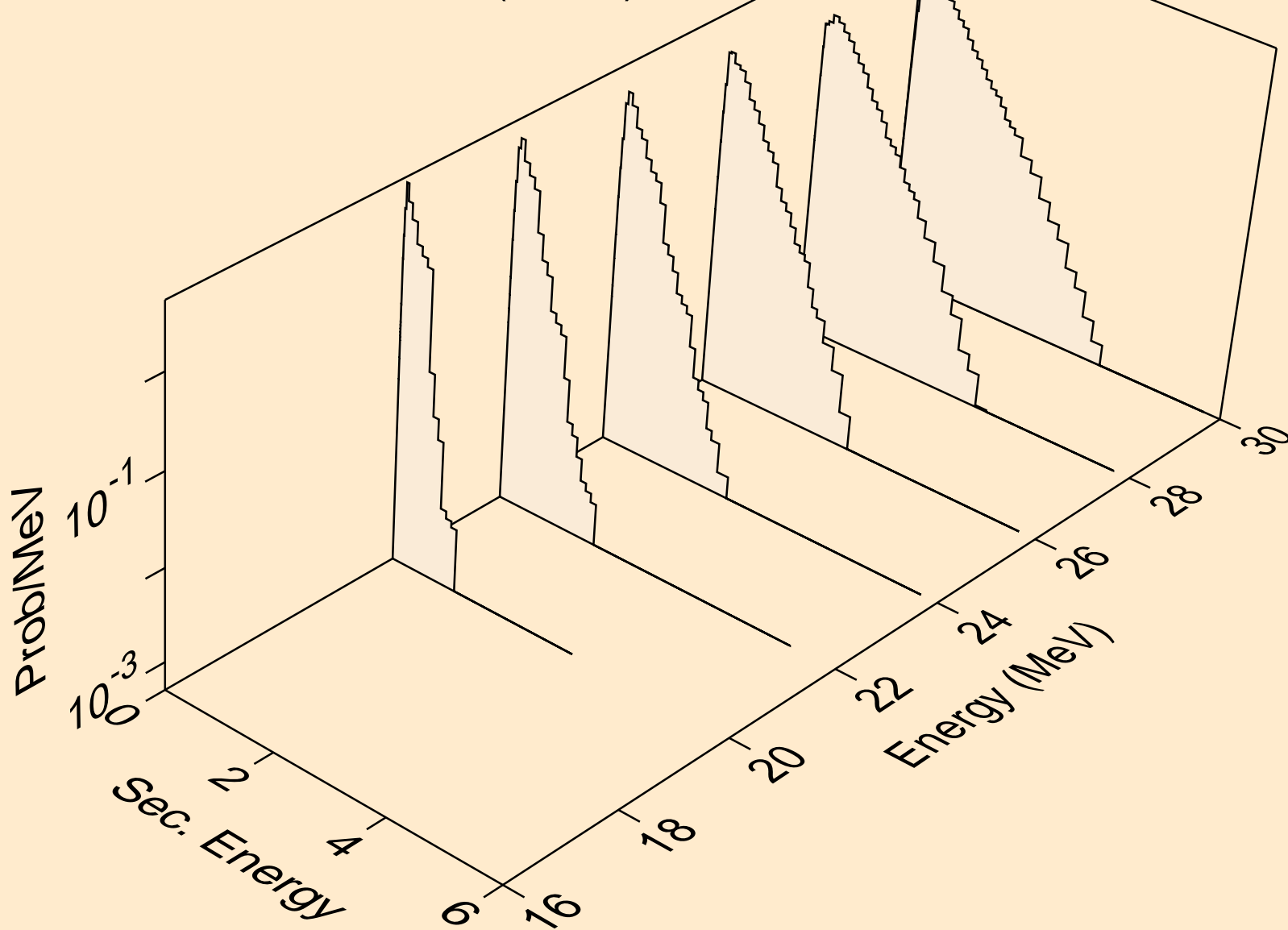
HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*1)



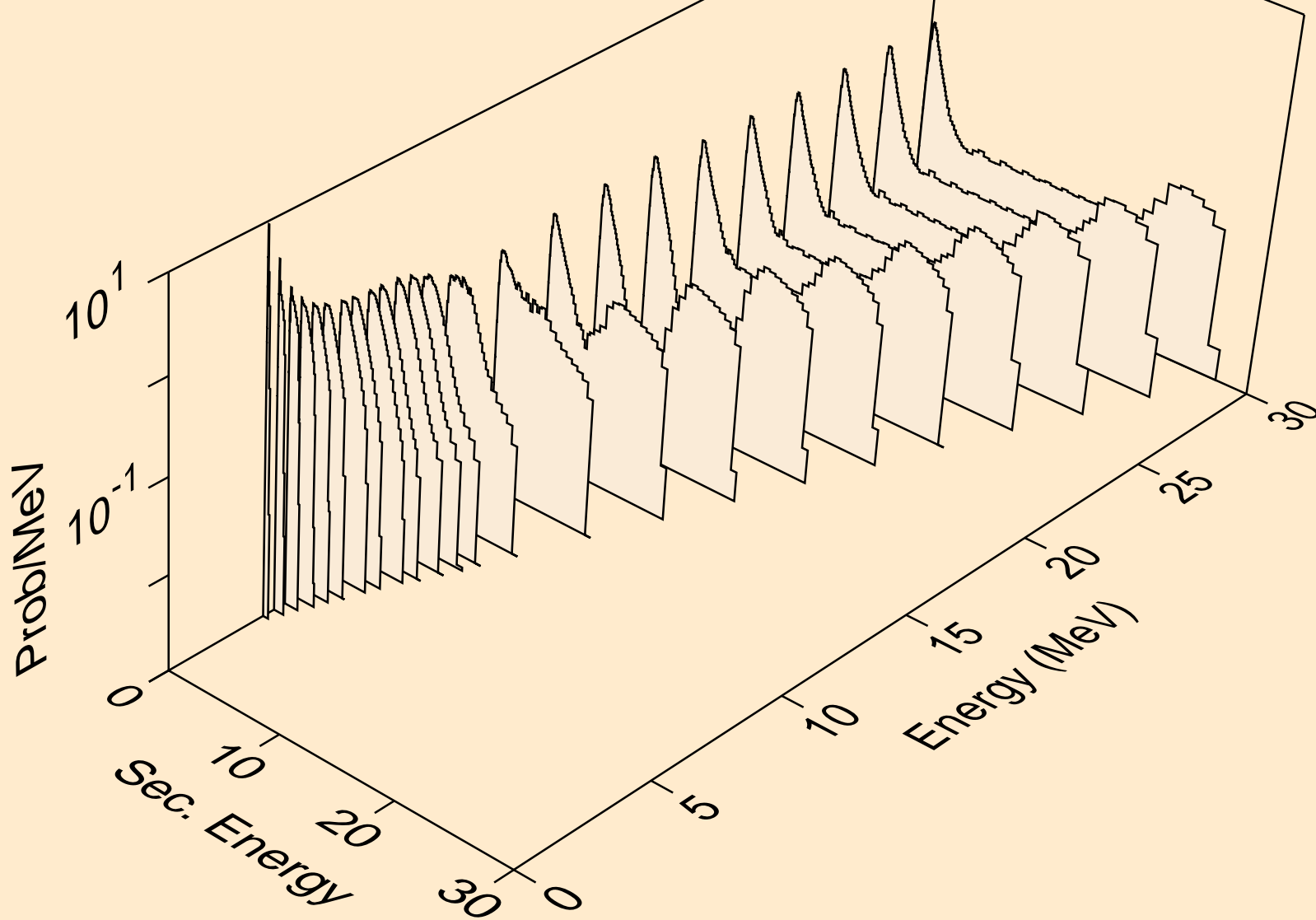
HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,x)



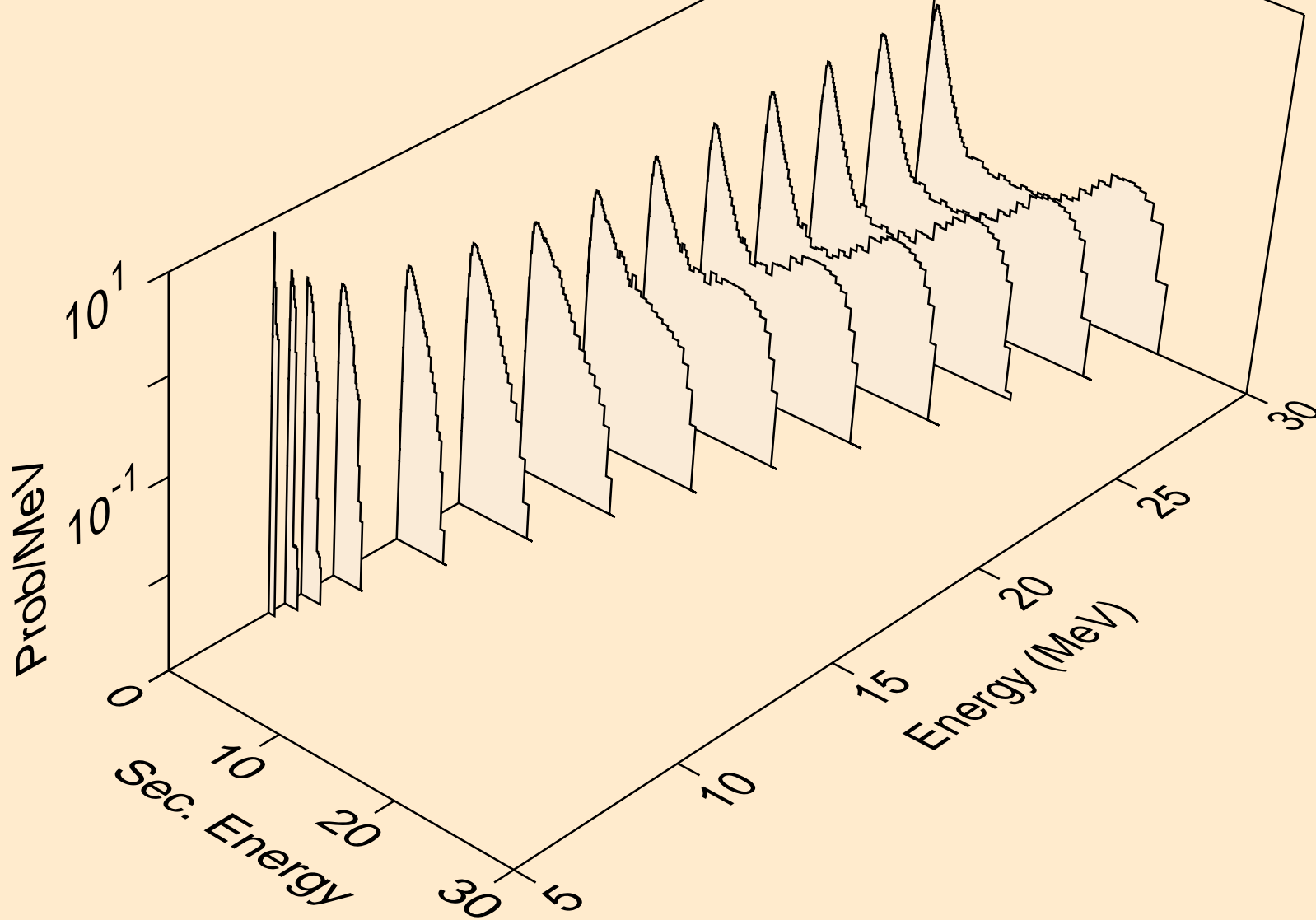
HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2nd)



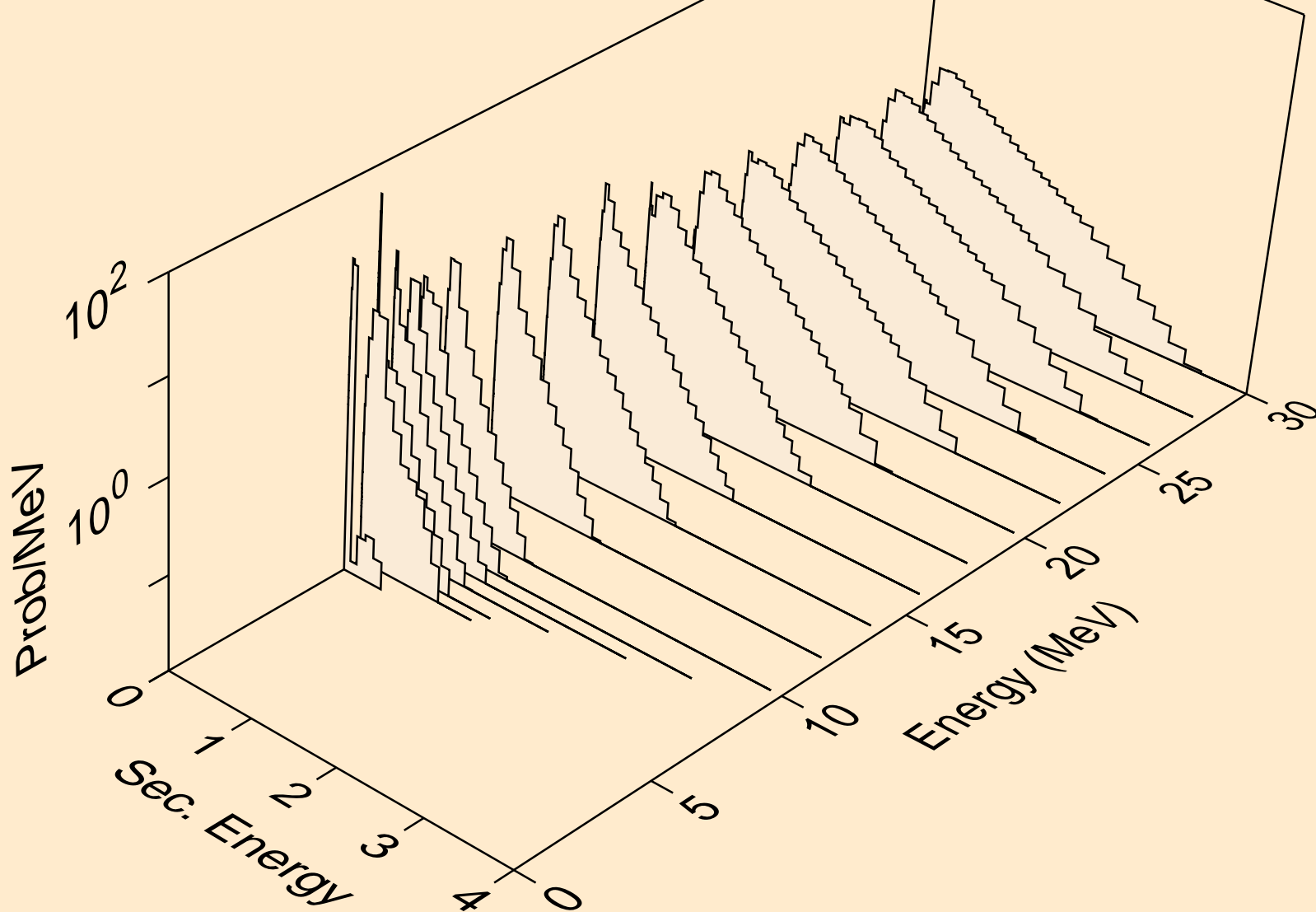
HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)



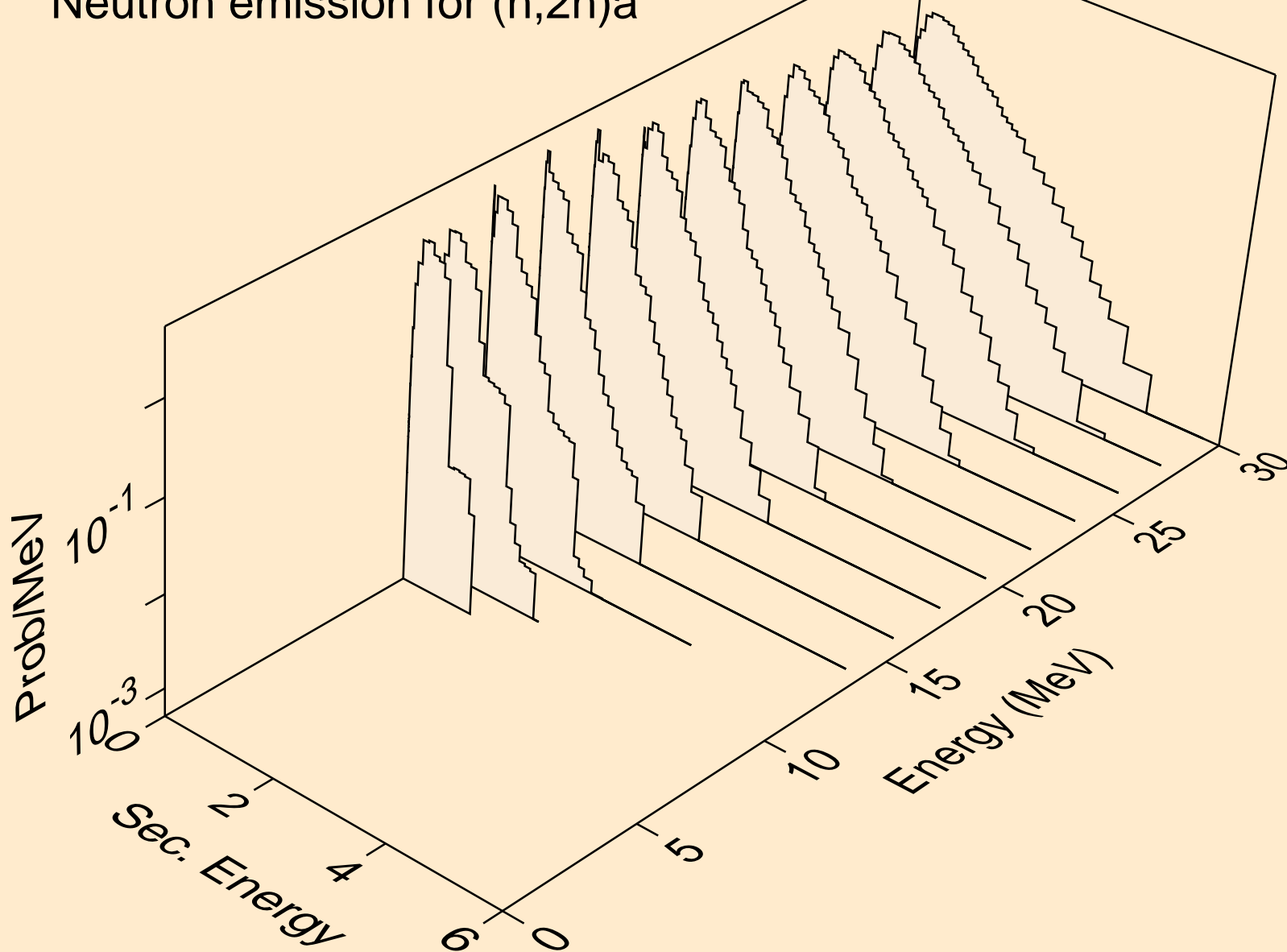
HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)



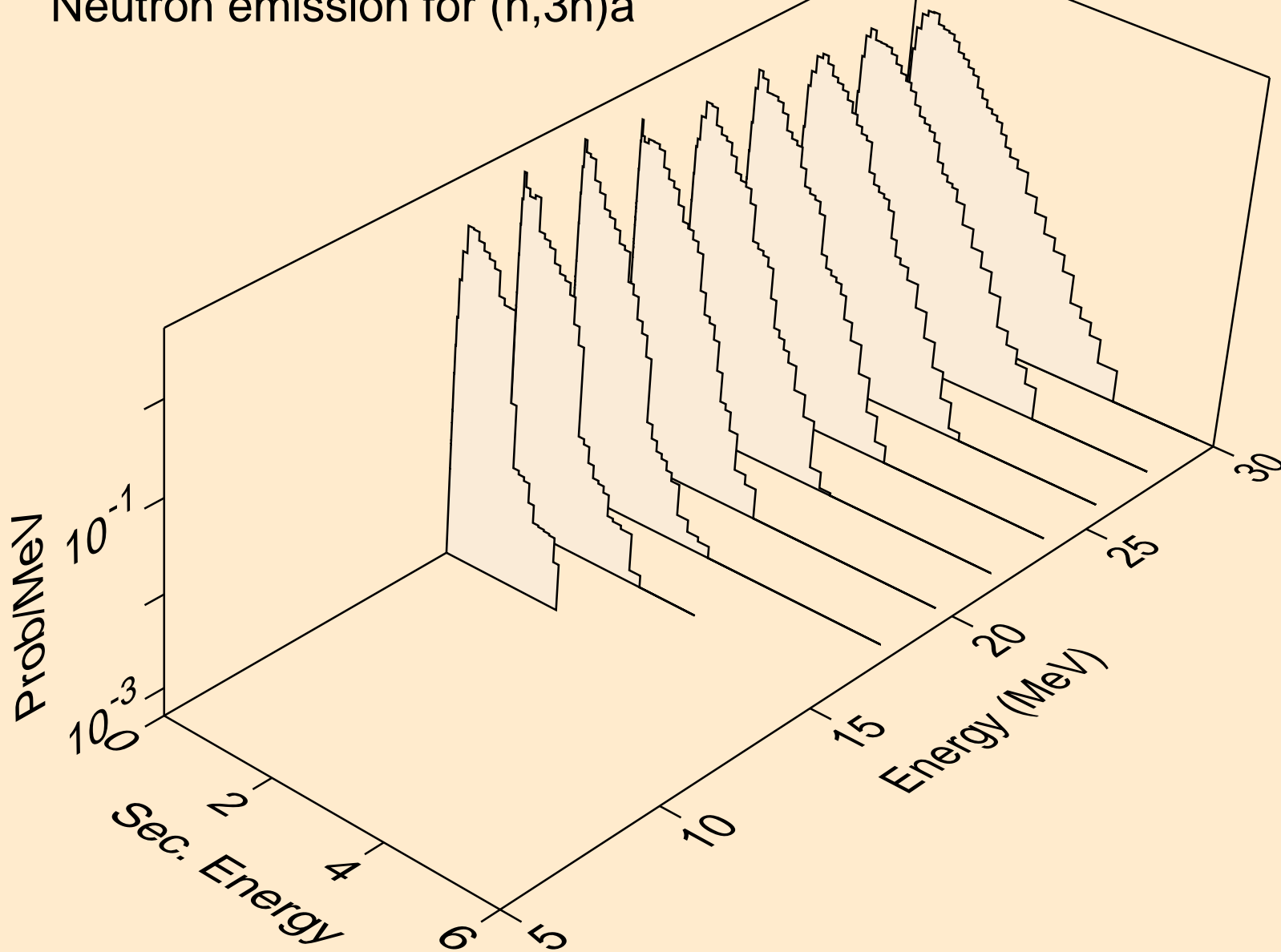
HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)a



HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)a

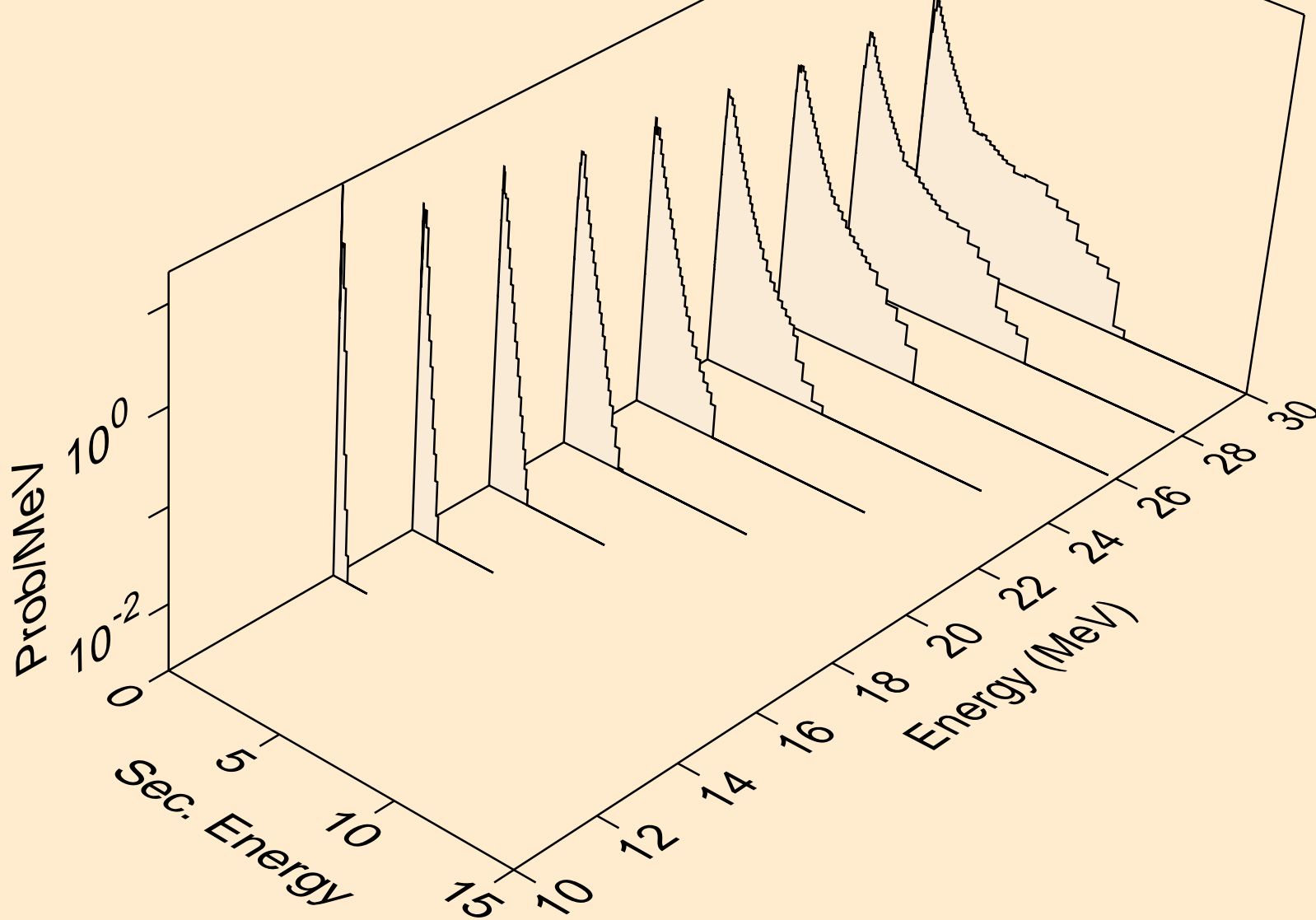


HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)a

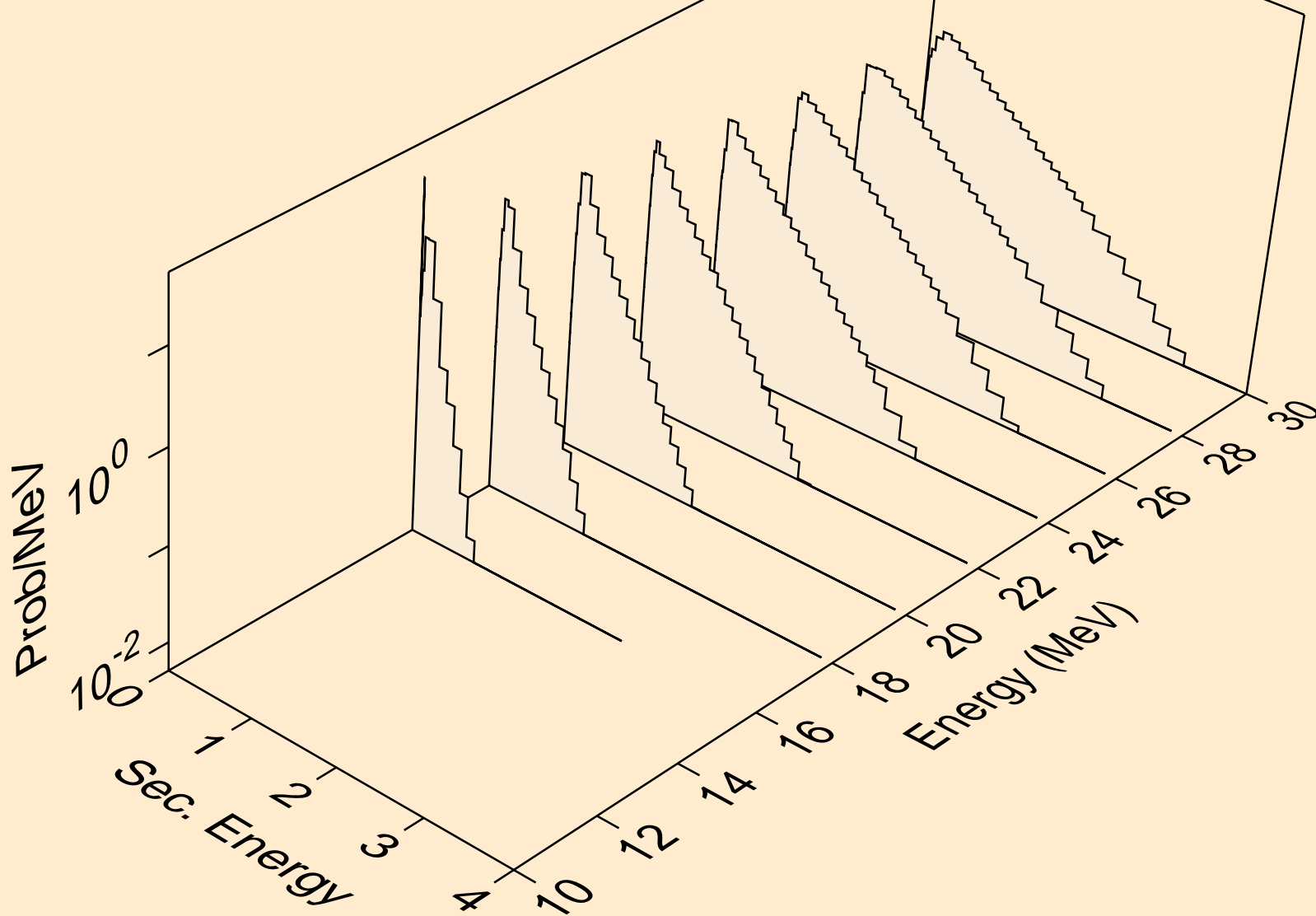




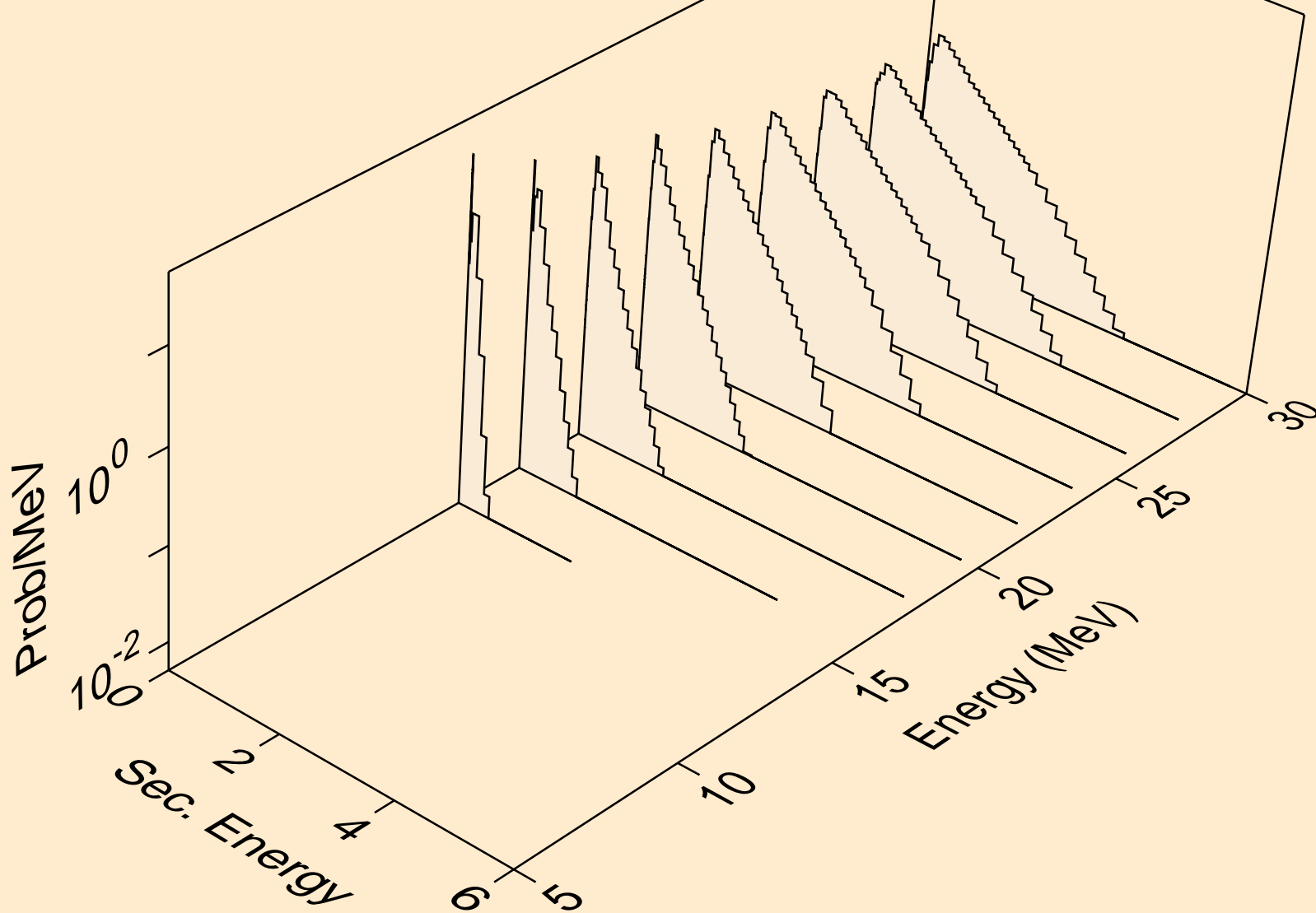
HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)p



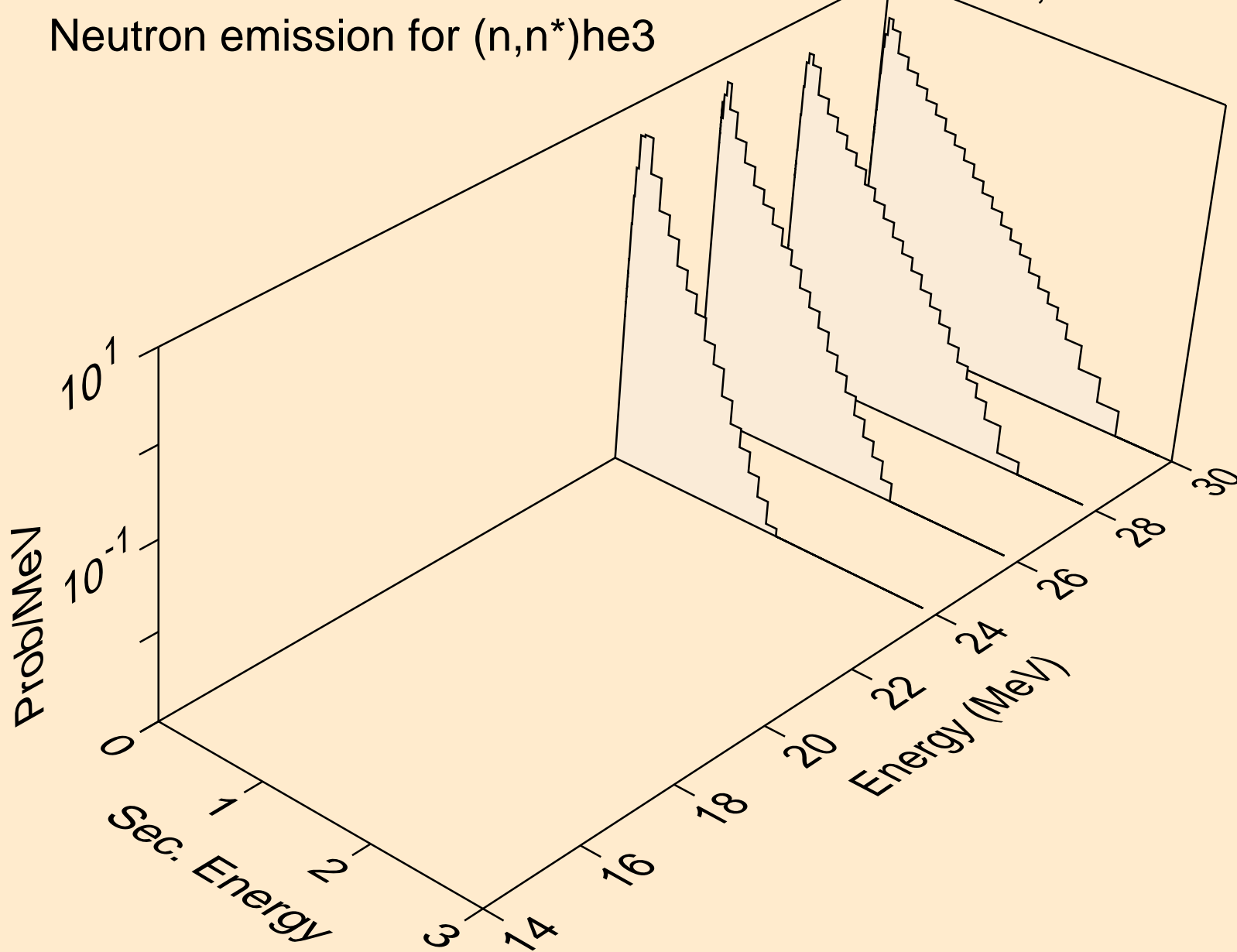
HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)d



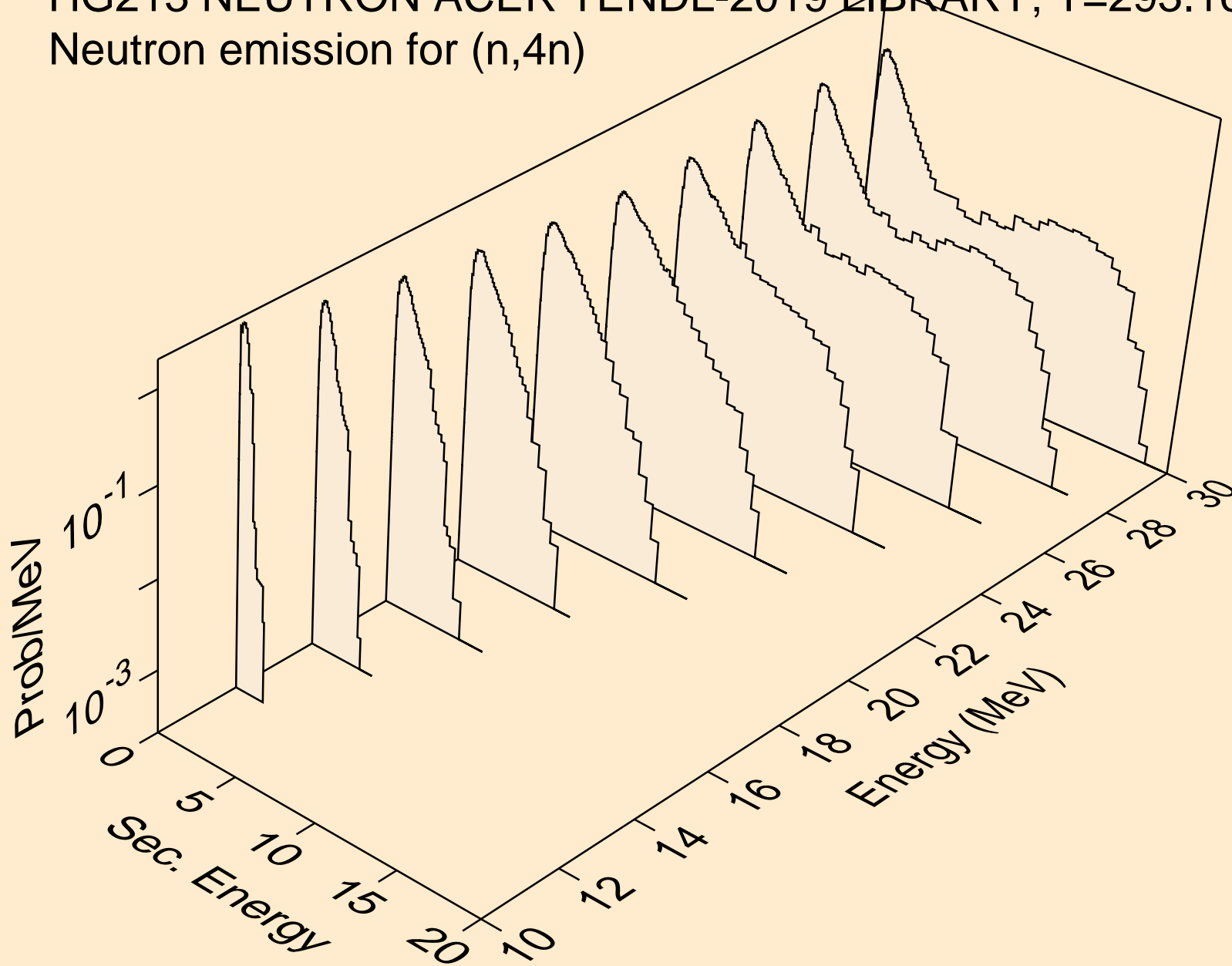
HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)t



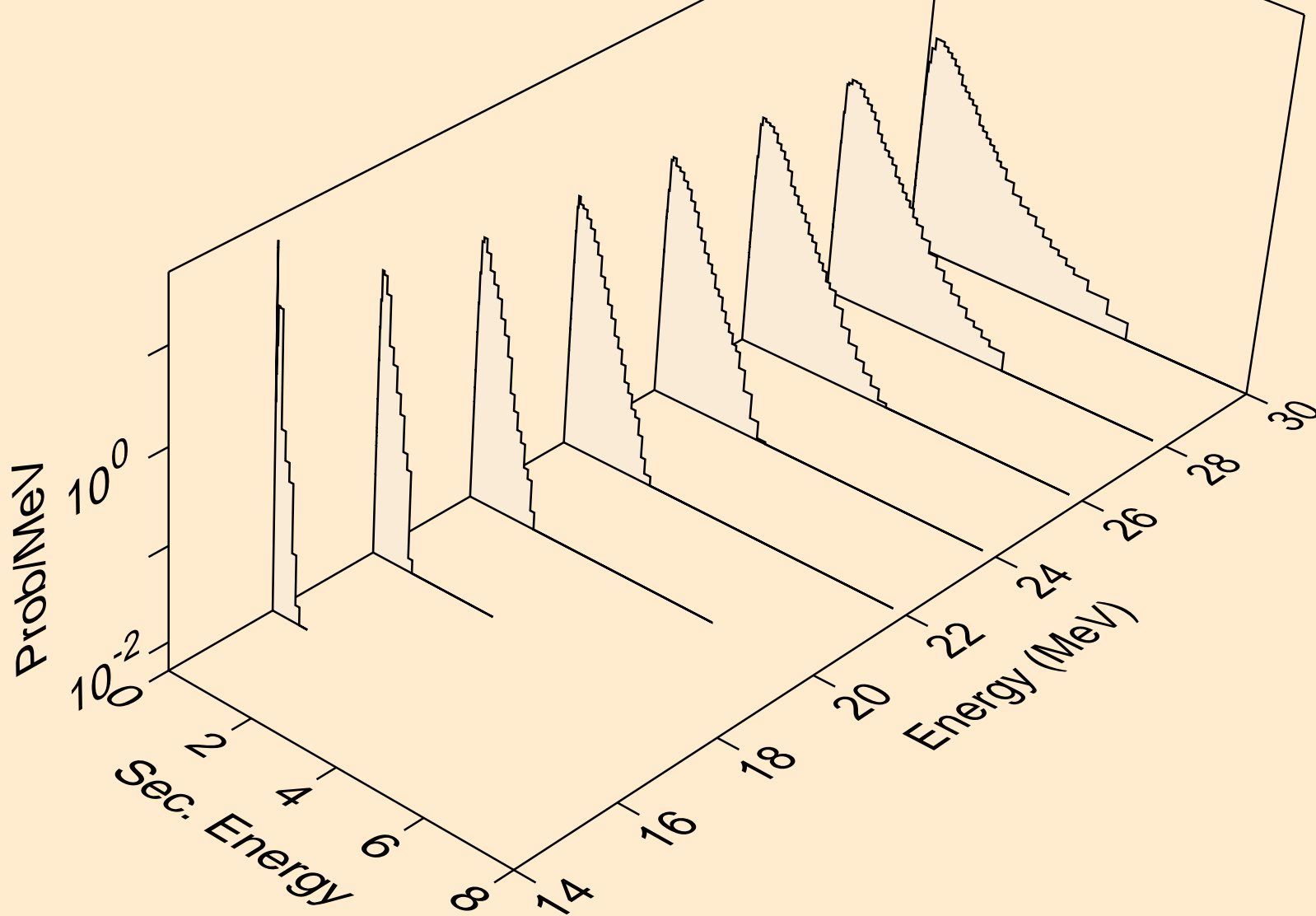
HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)he3



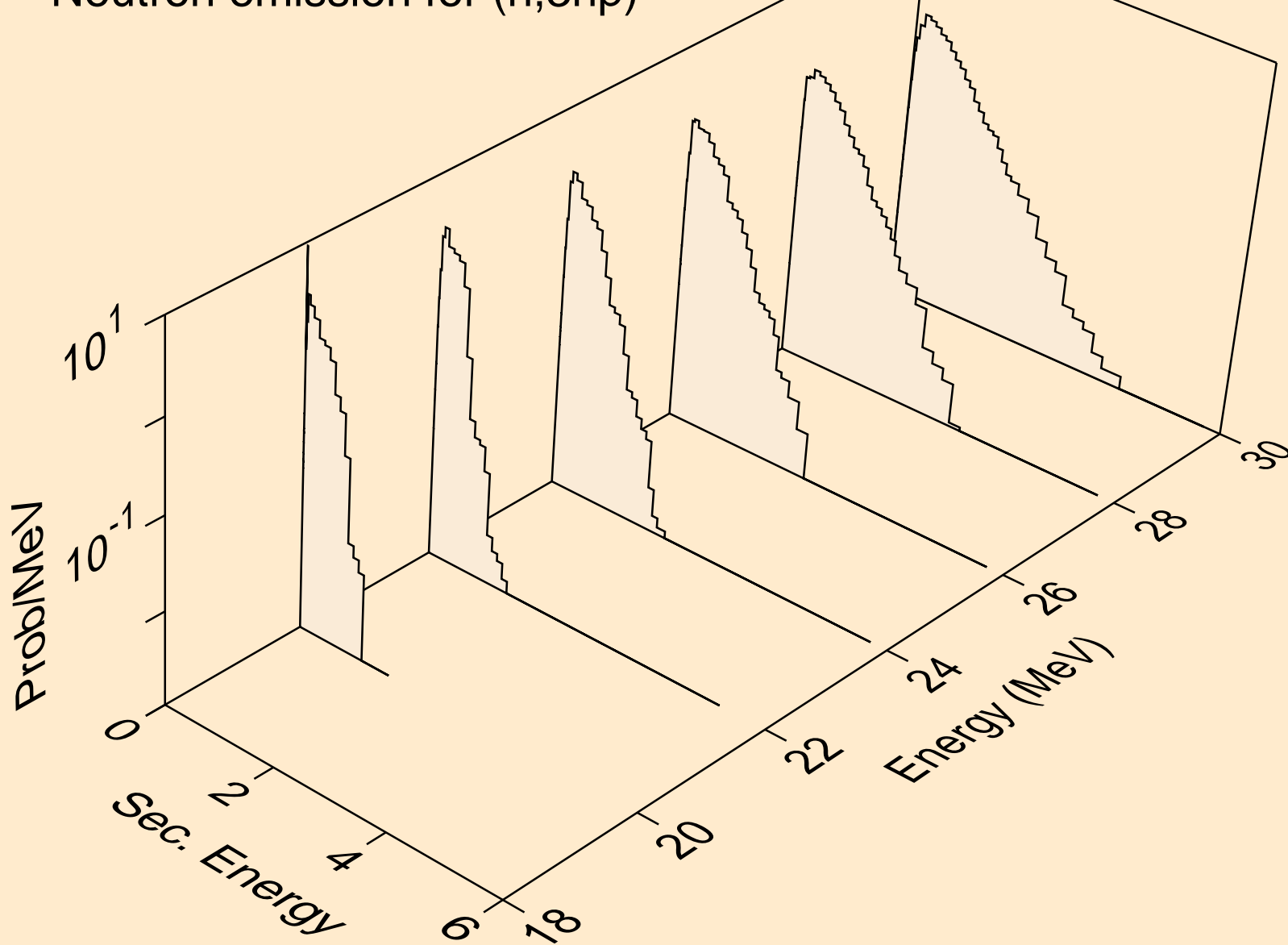
HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,4n)



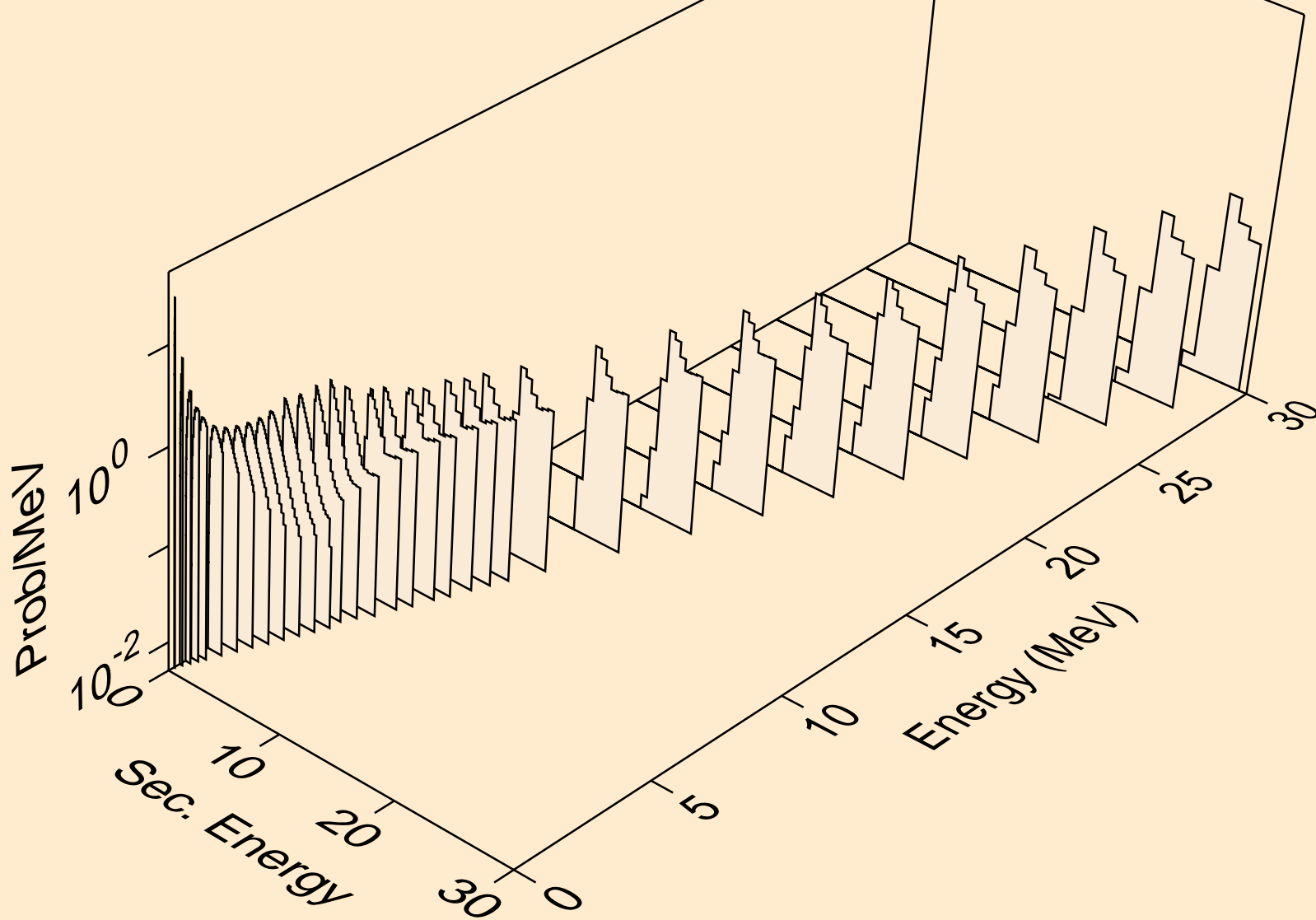
HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2np)



HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3np)

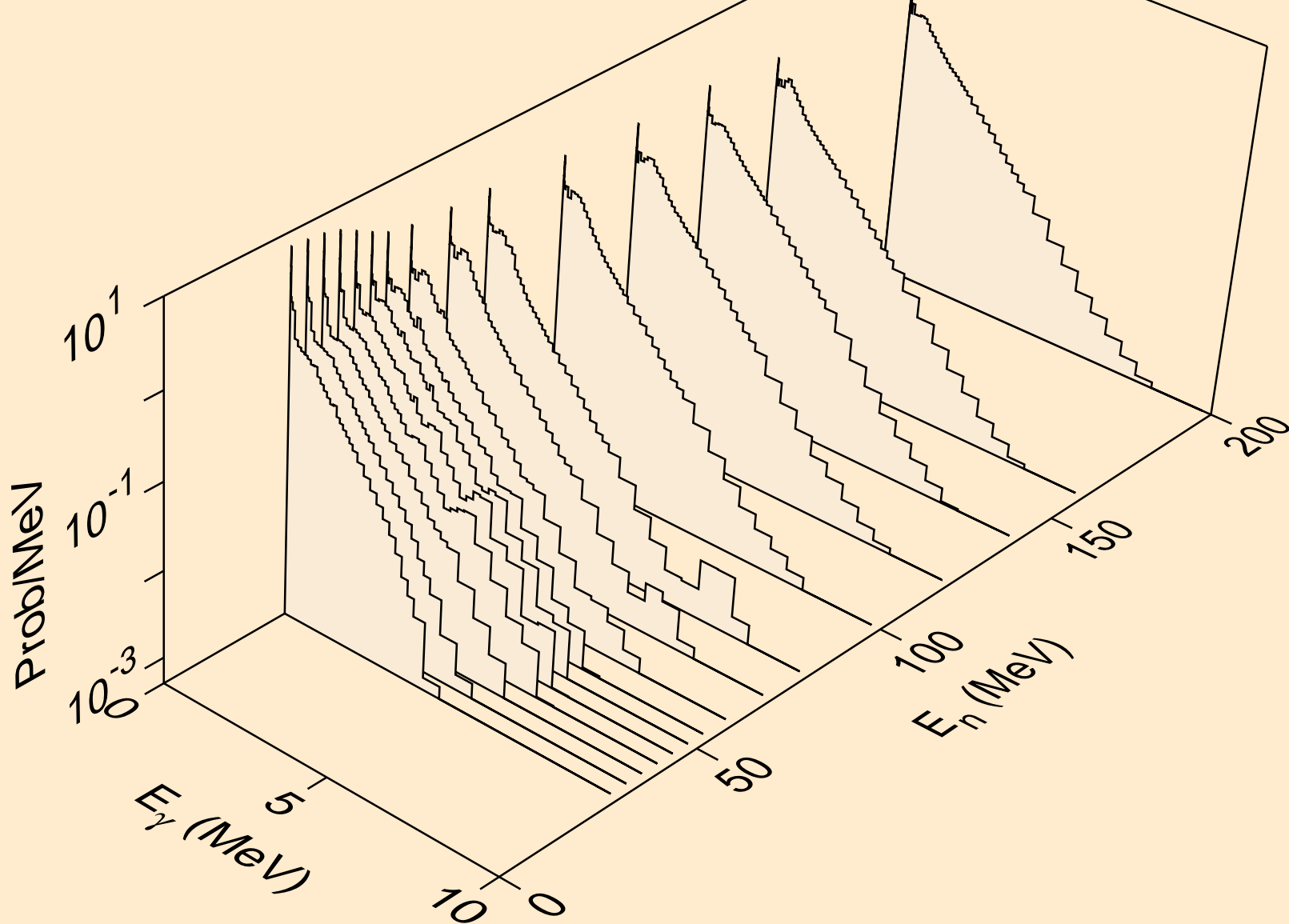


HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*c)

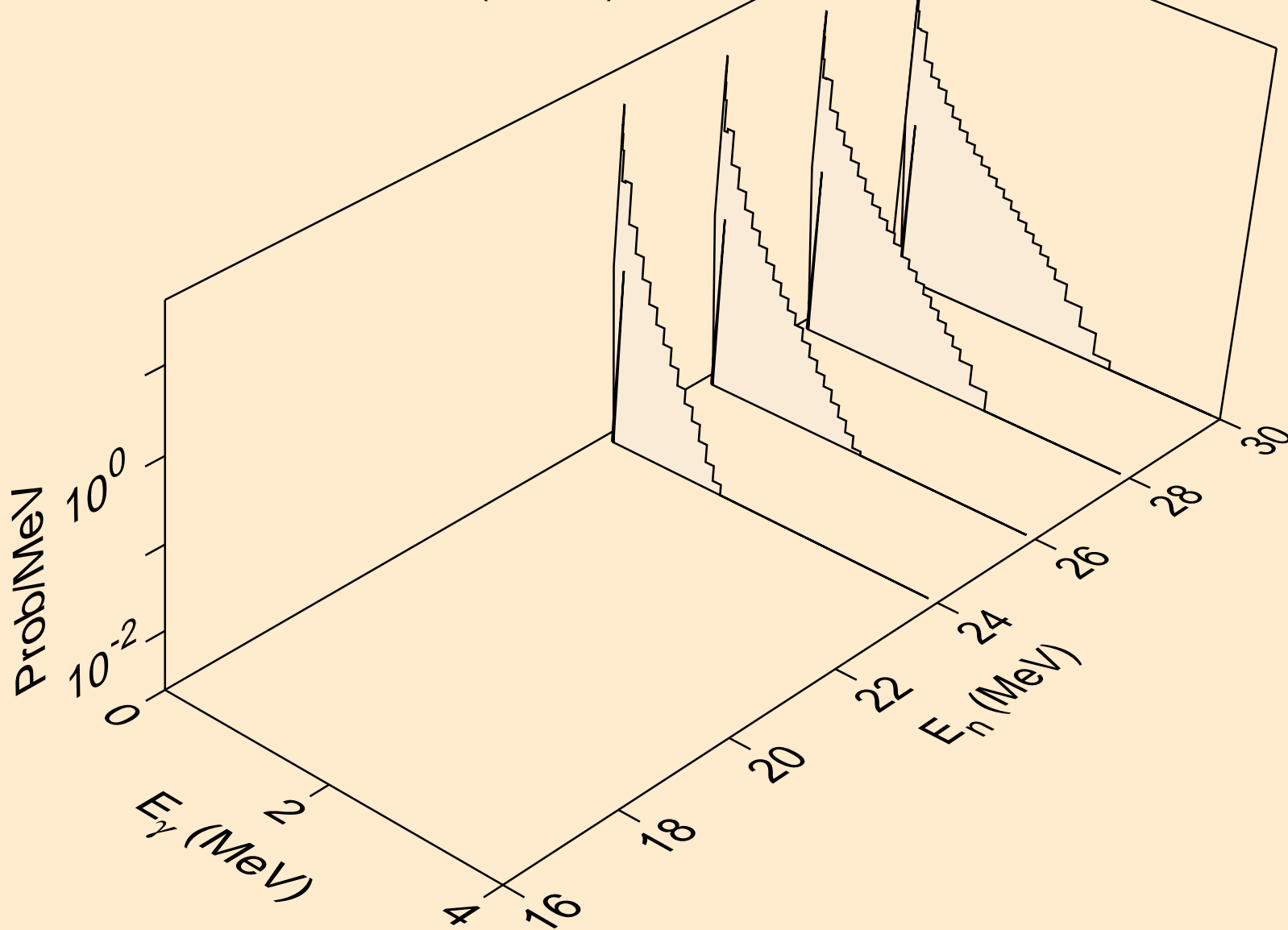




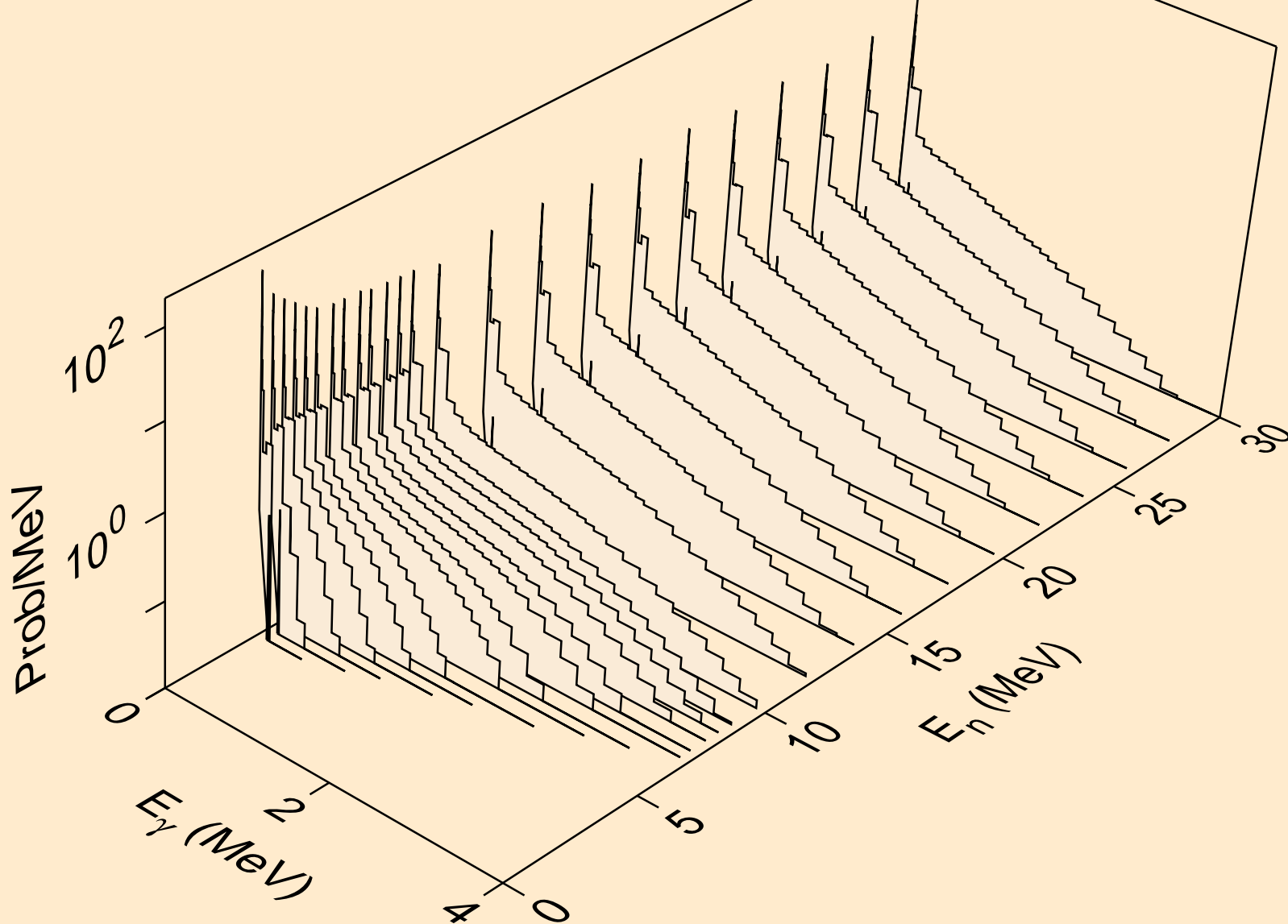
HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,x)



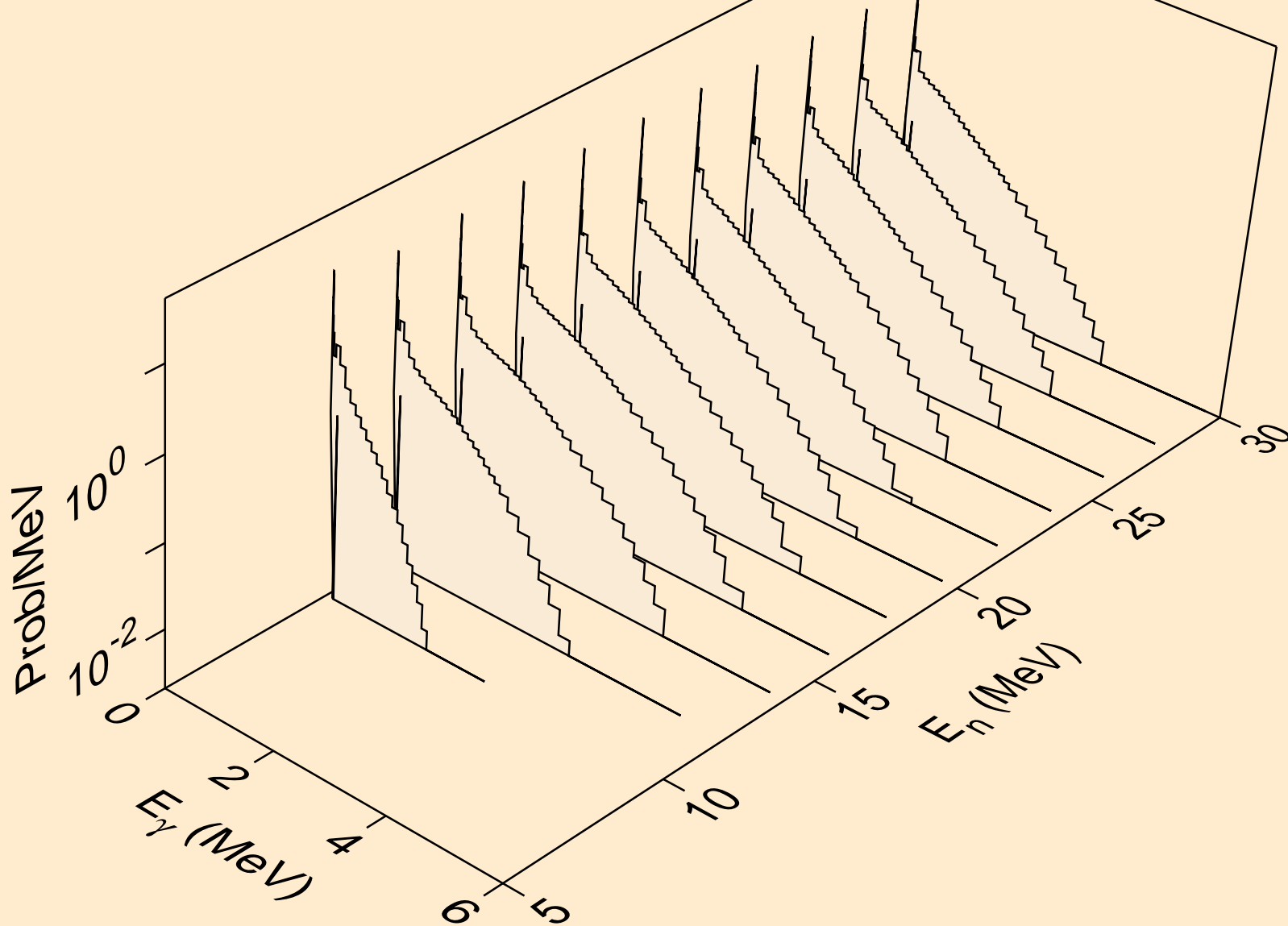
HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2nd)



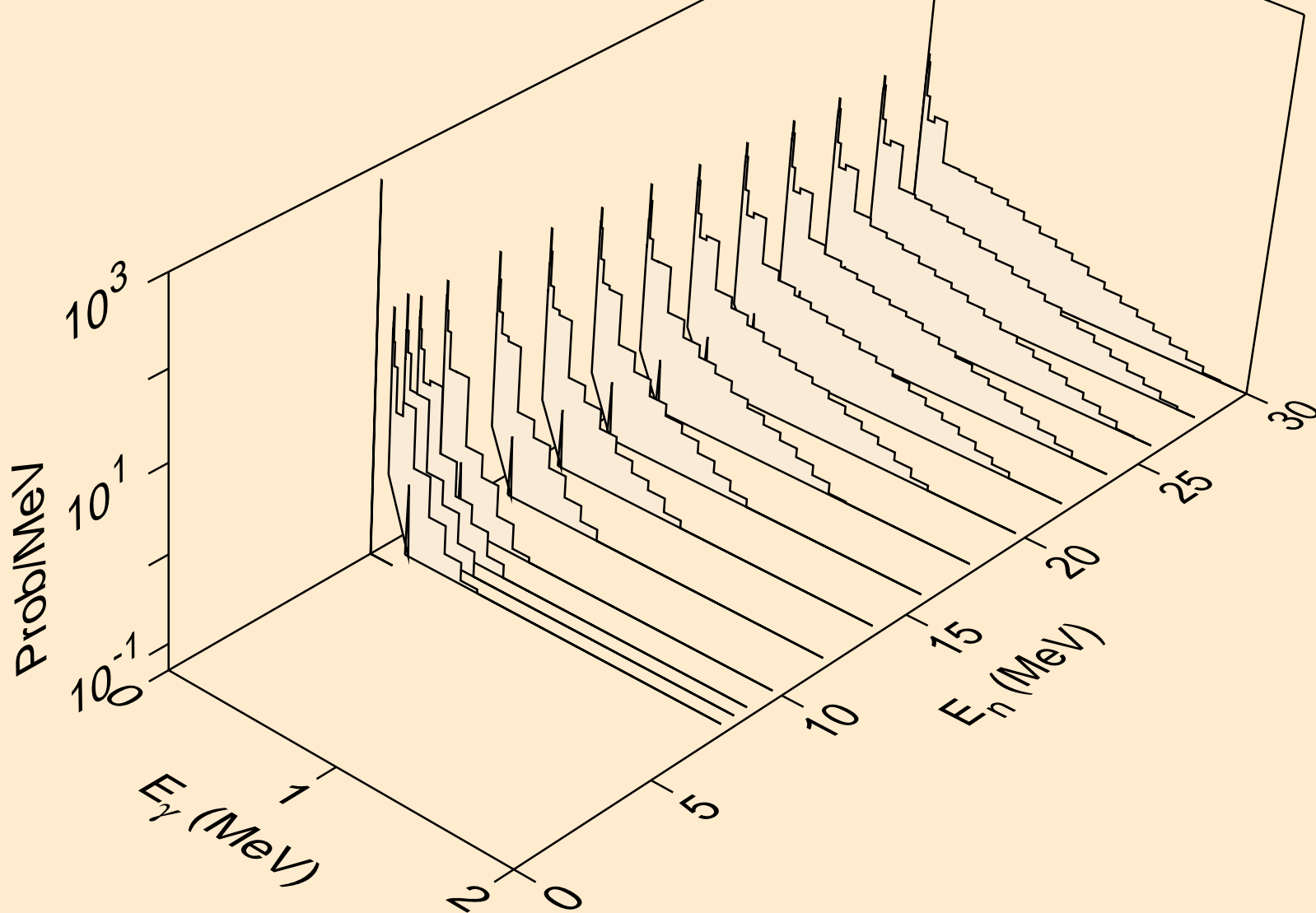
HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)



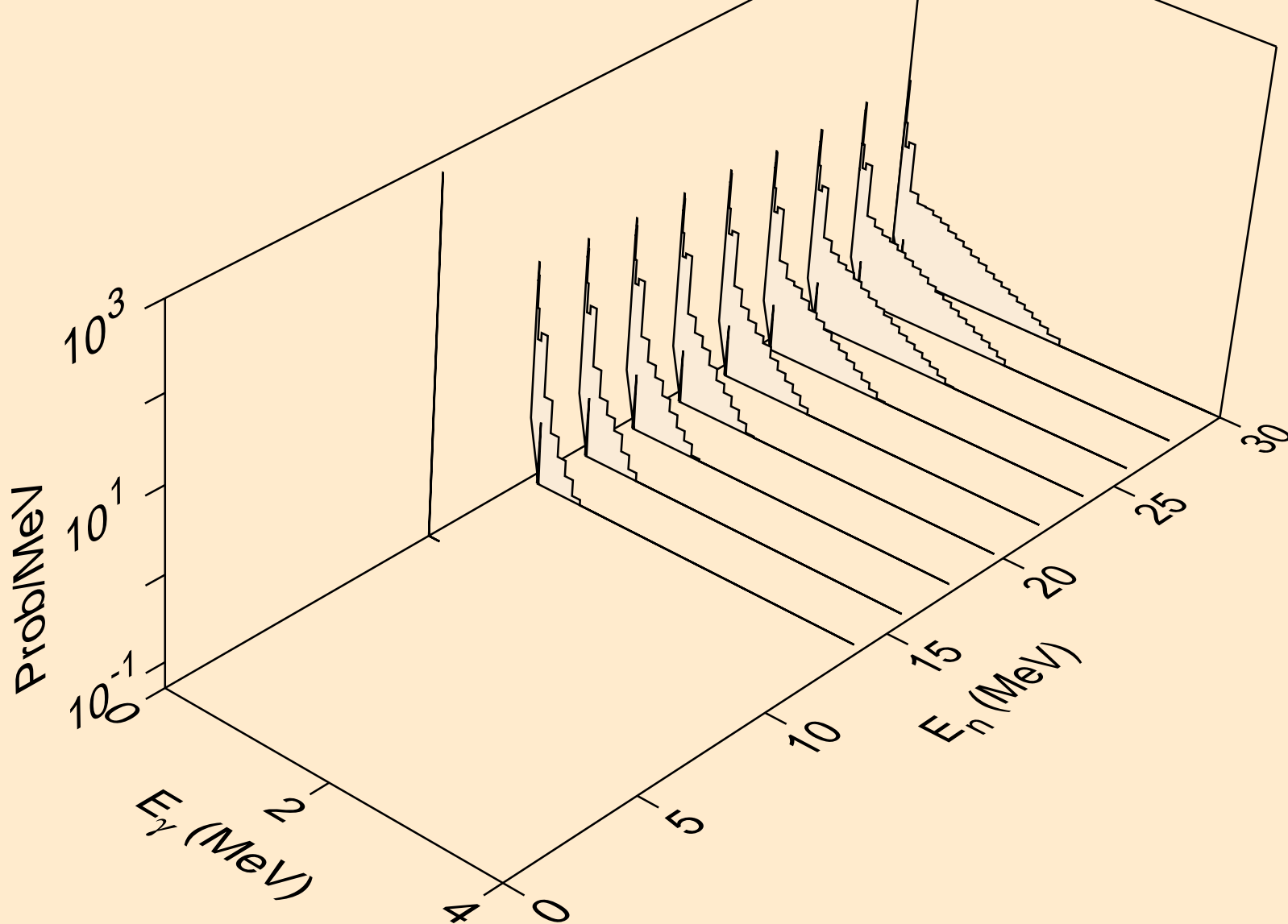
HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)



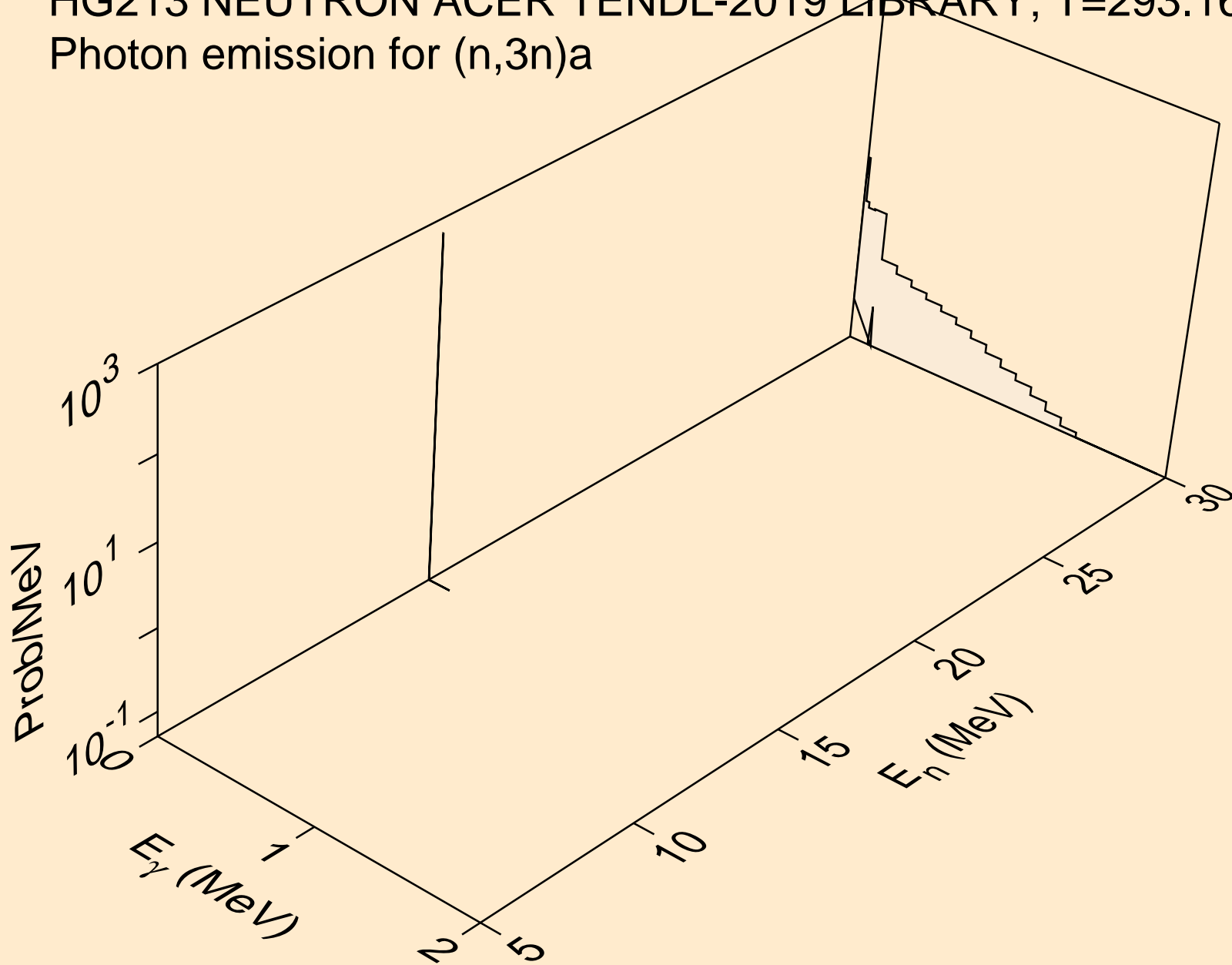
HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)a



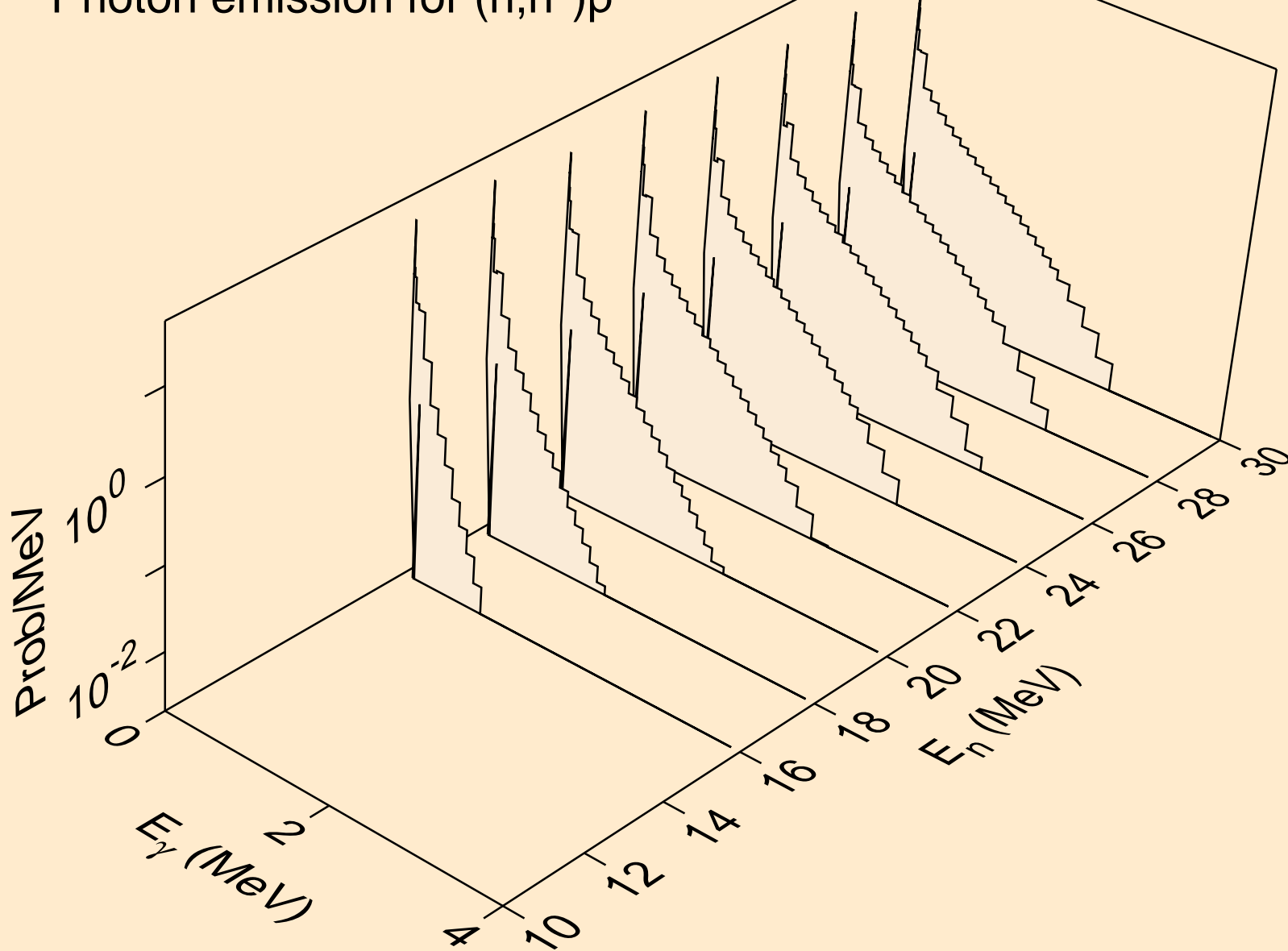
HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n) $\alpha$



HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)a

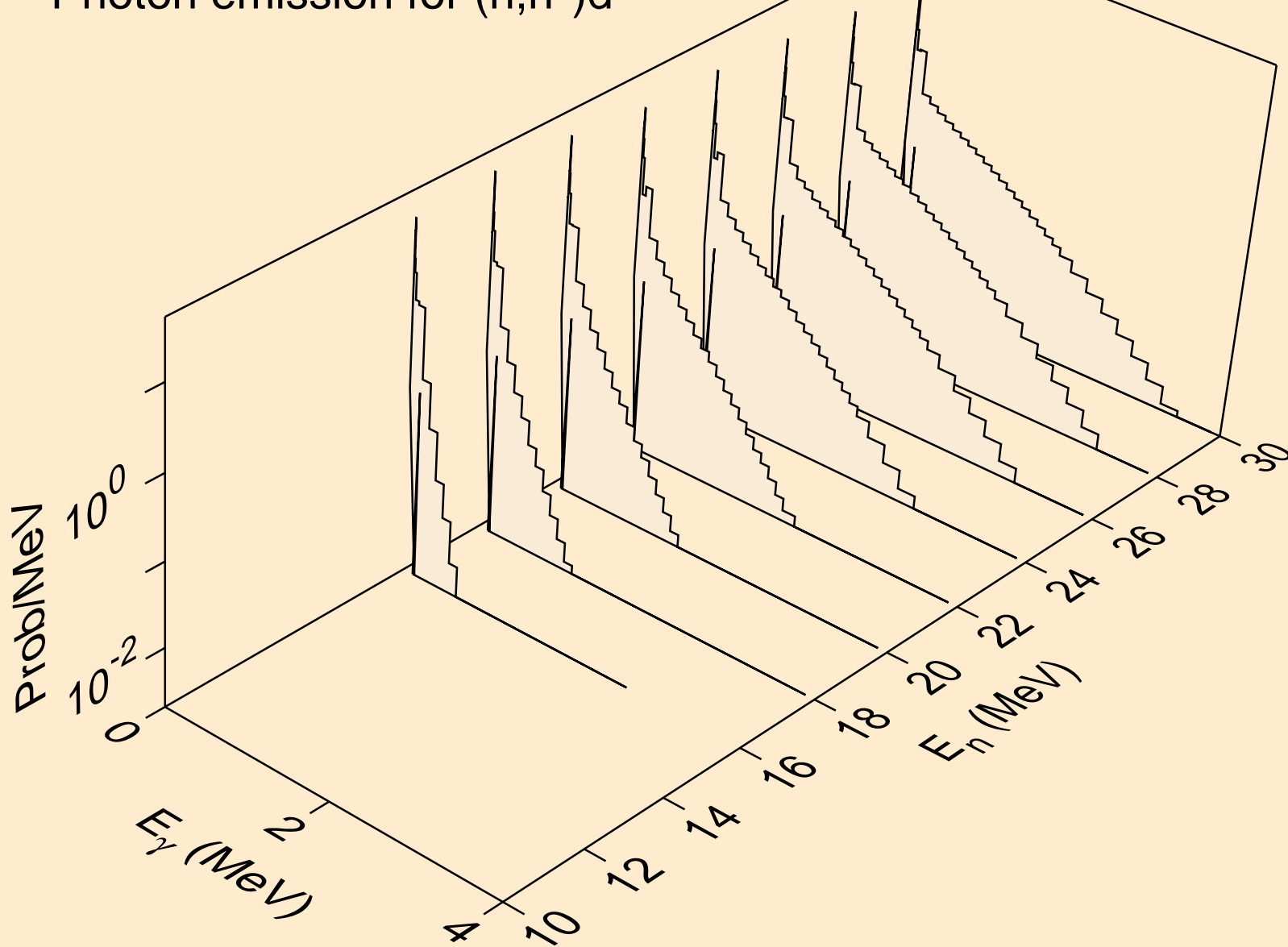


HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)p

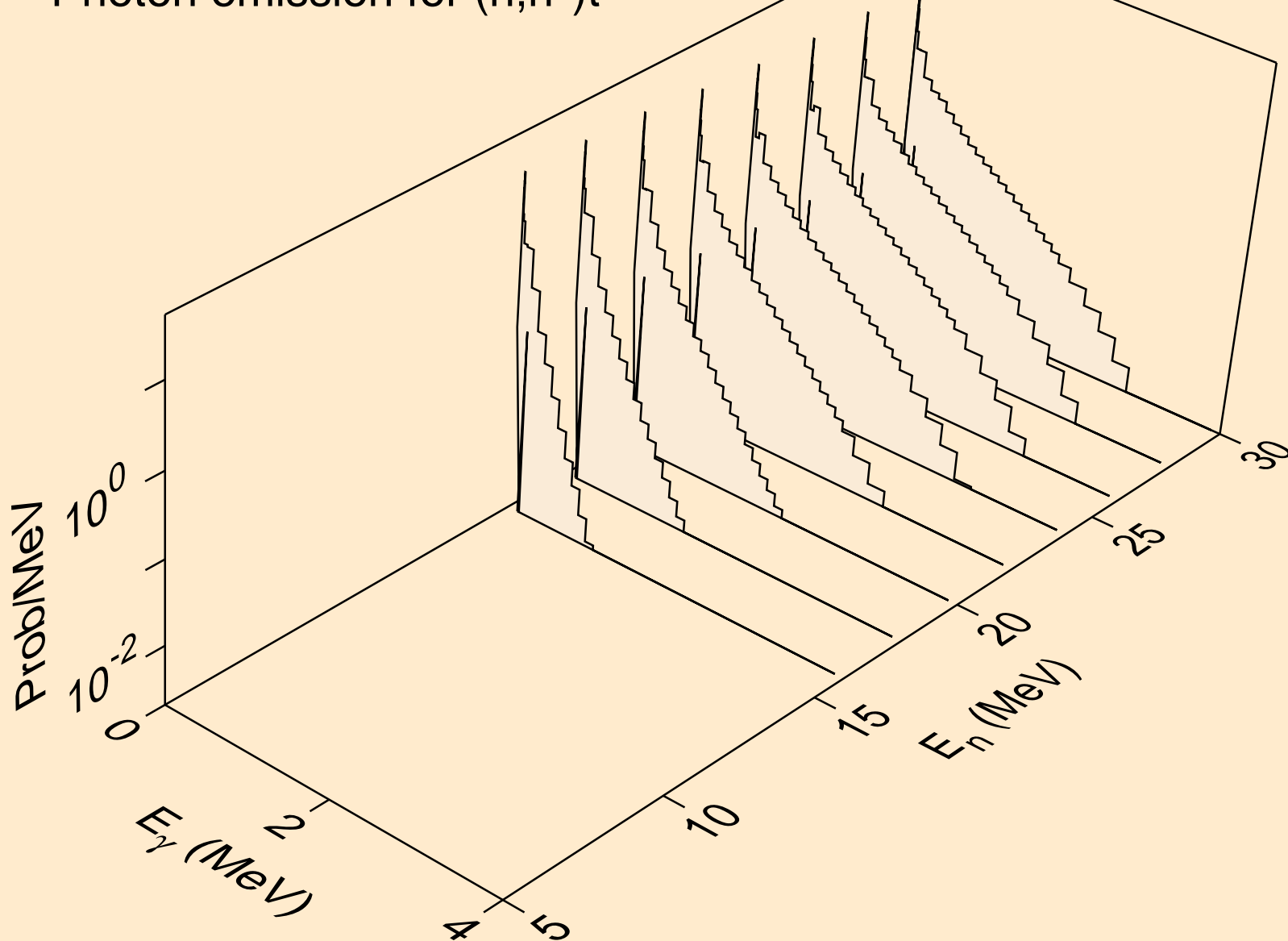




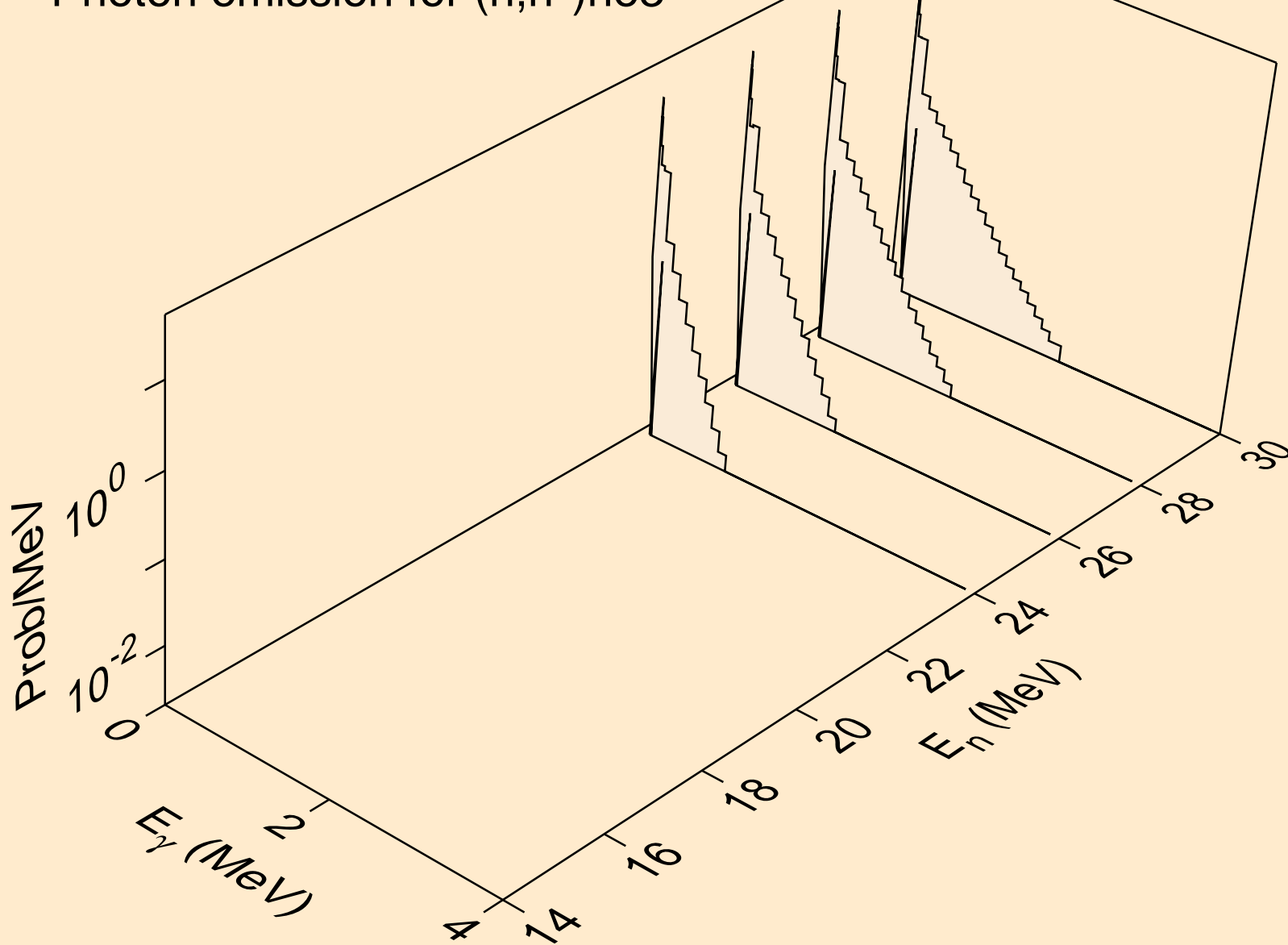
HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)d



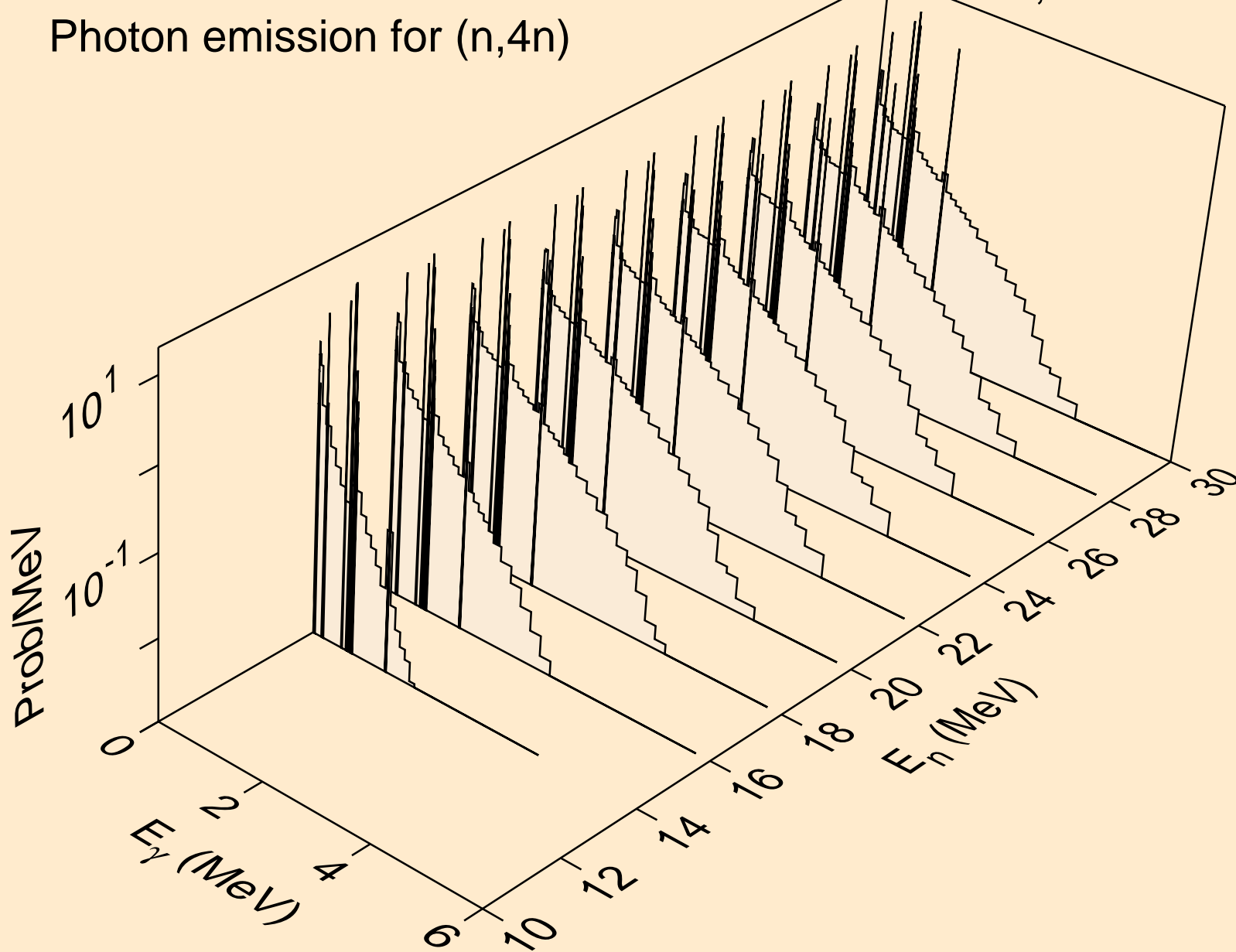
HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)t



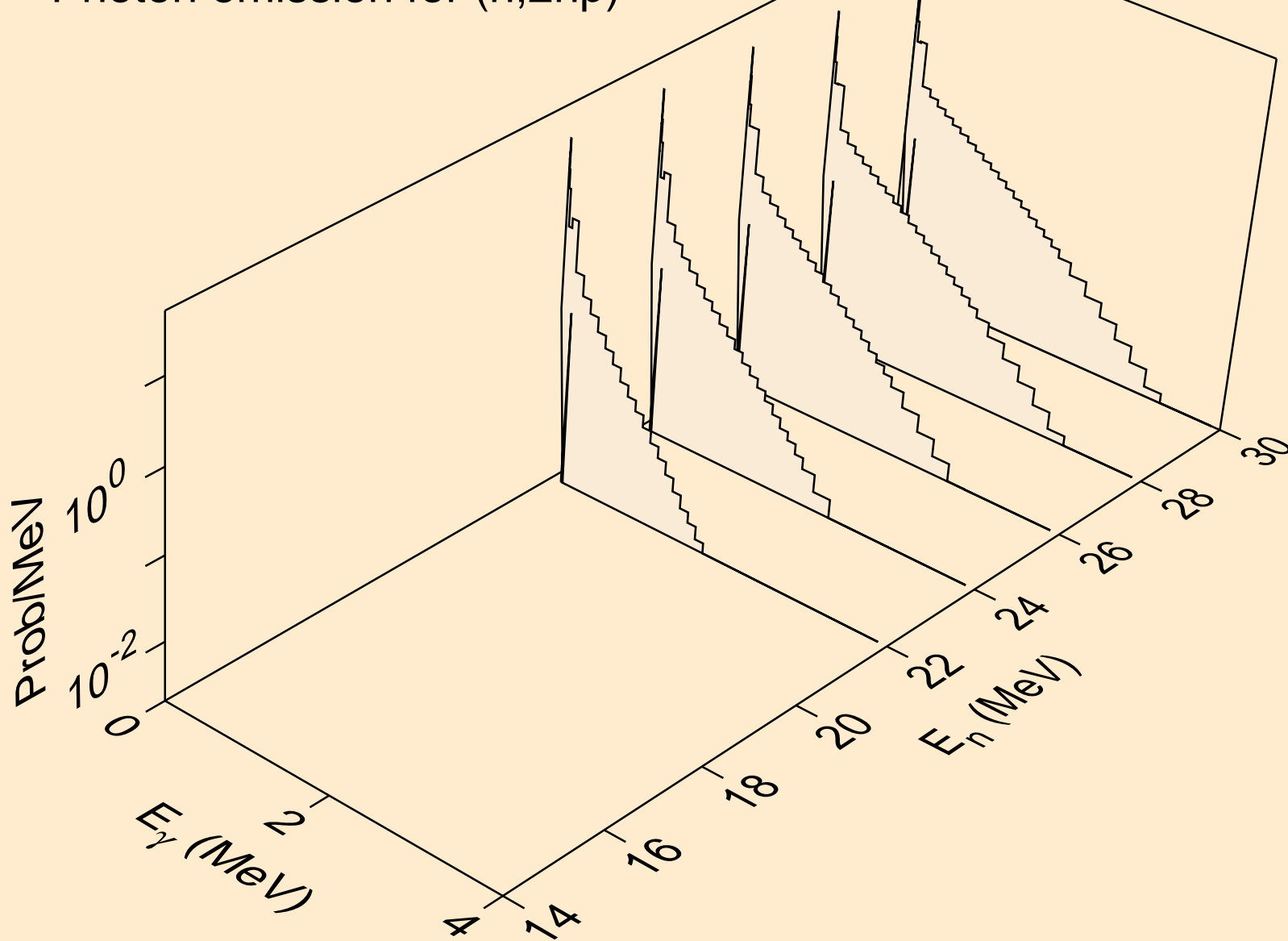
HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)he3



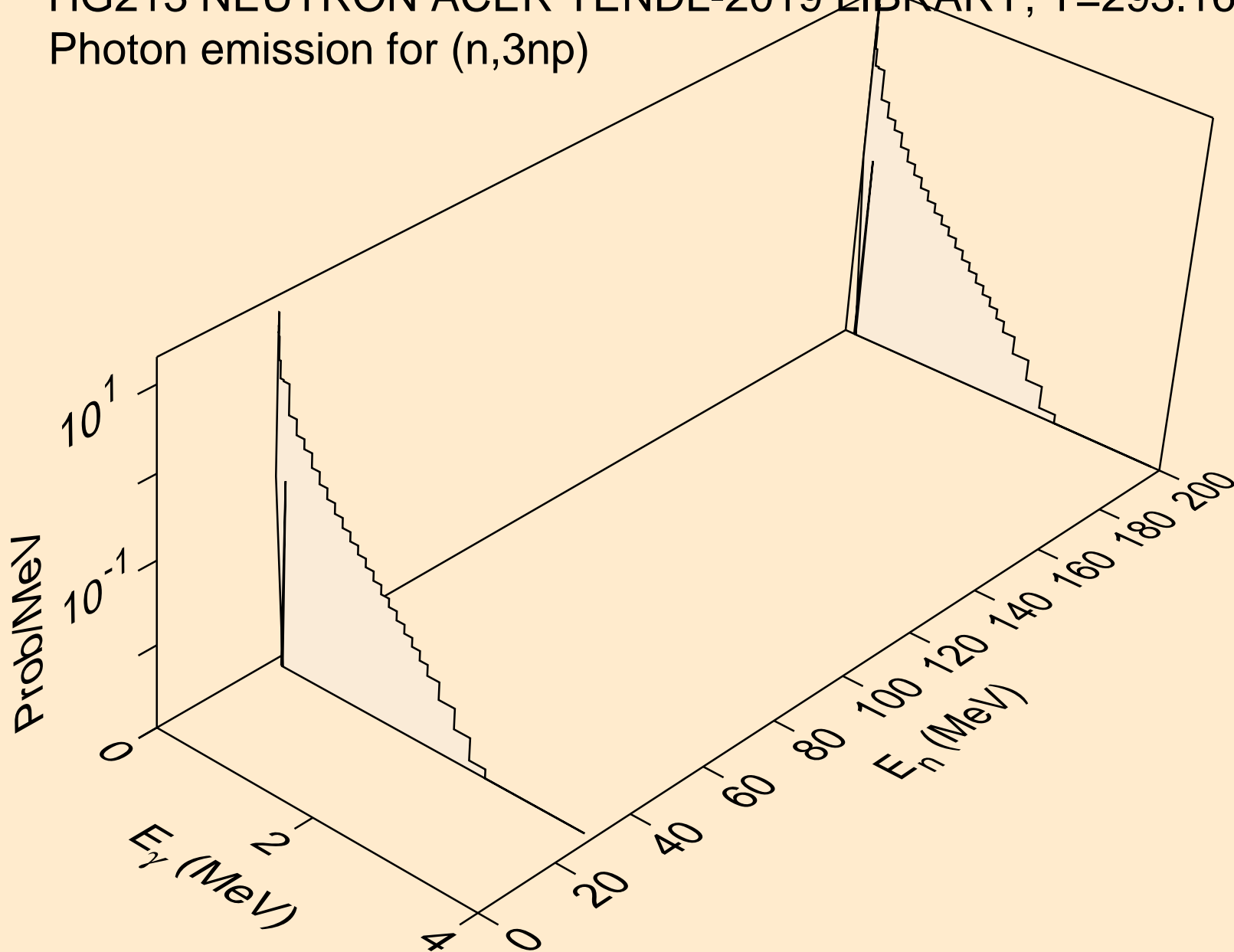
HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,4n)



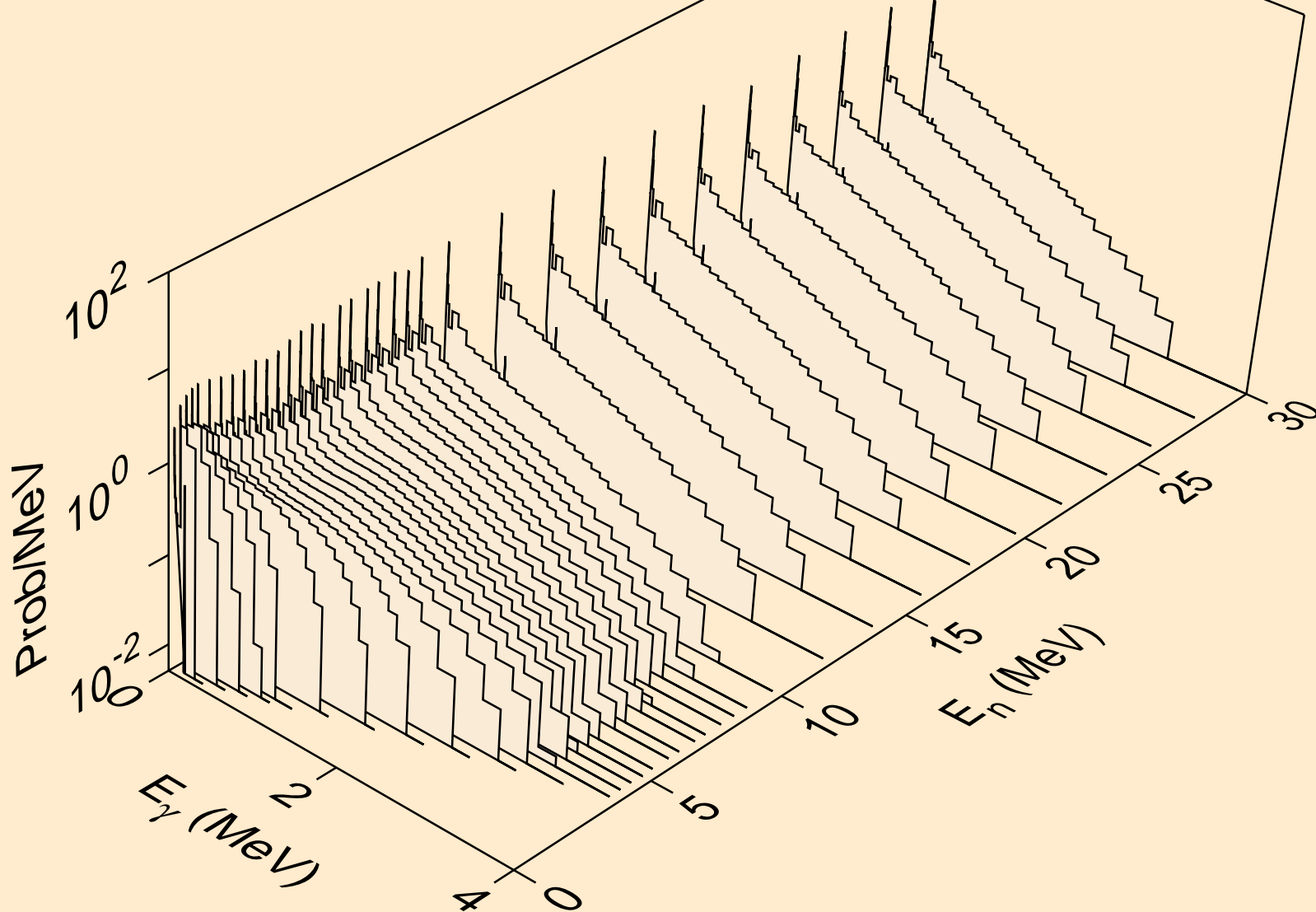
HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2np)



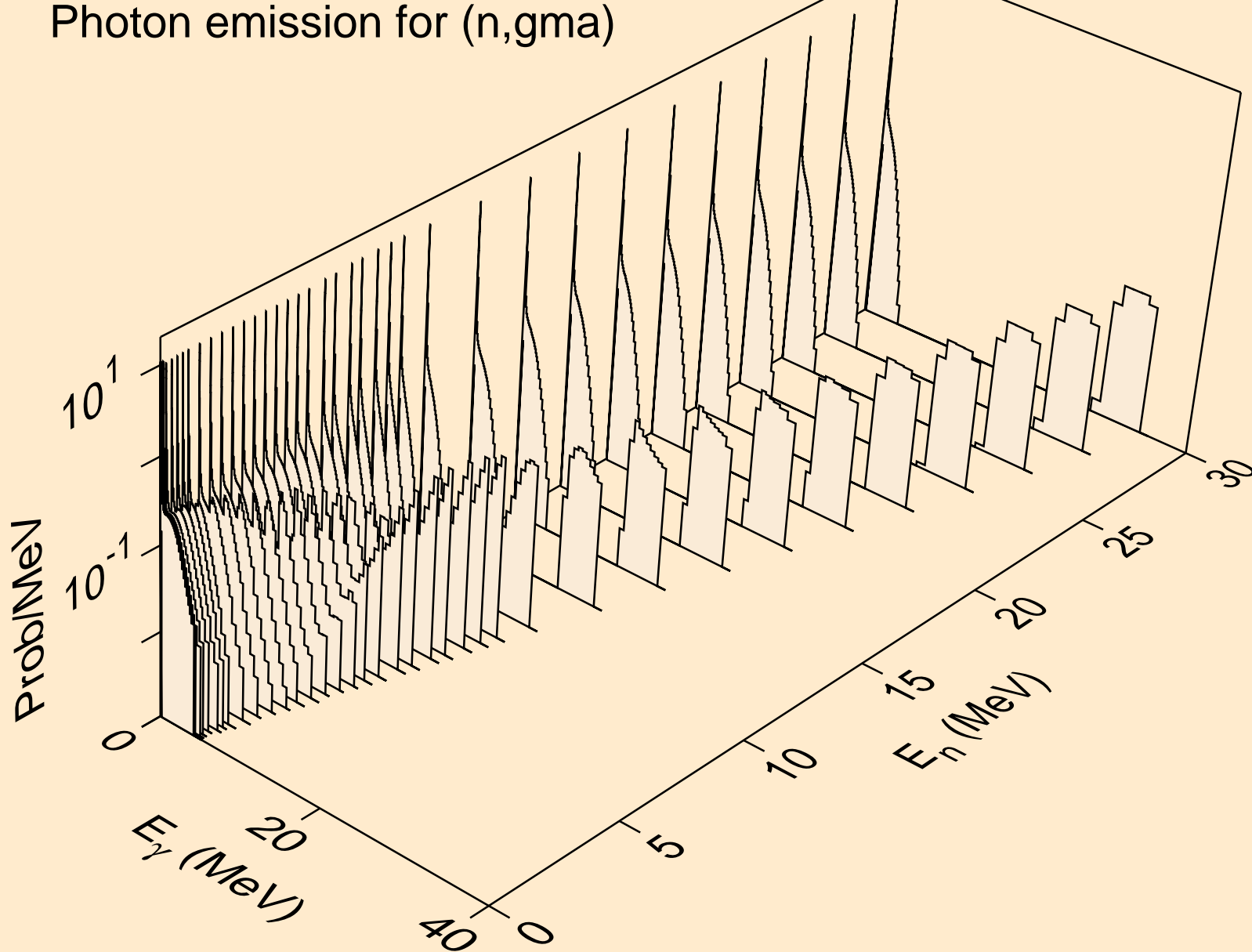
HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3np)



HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*c)

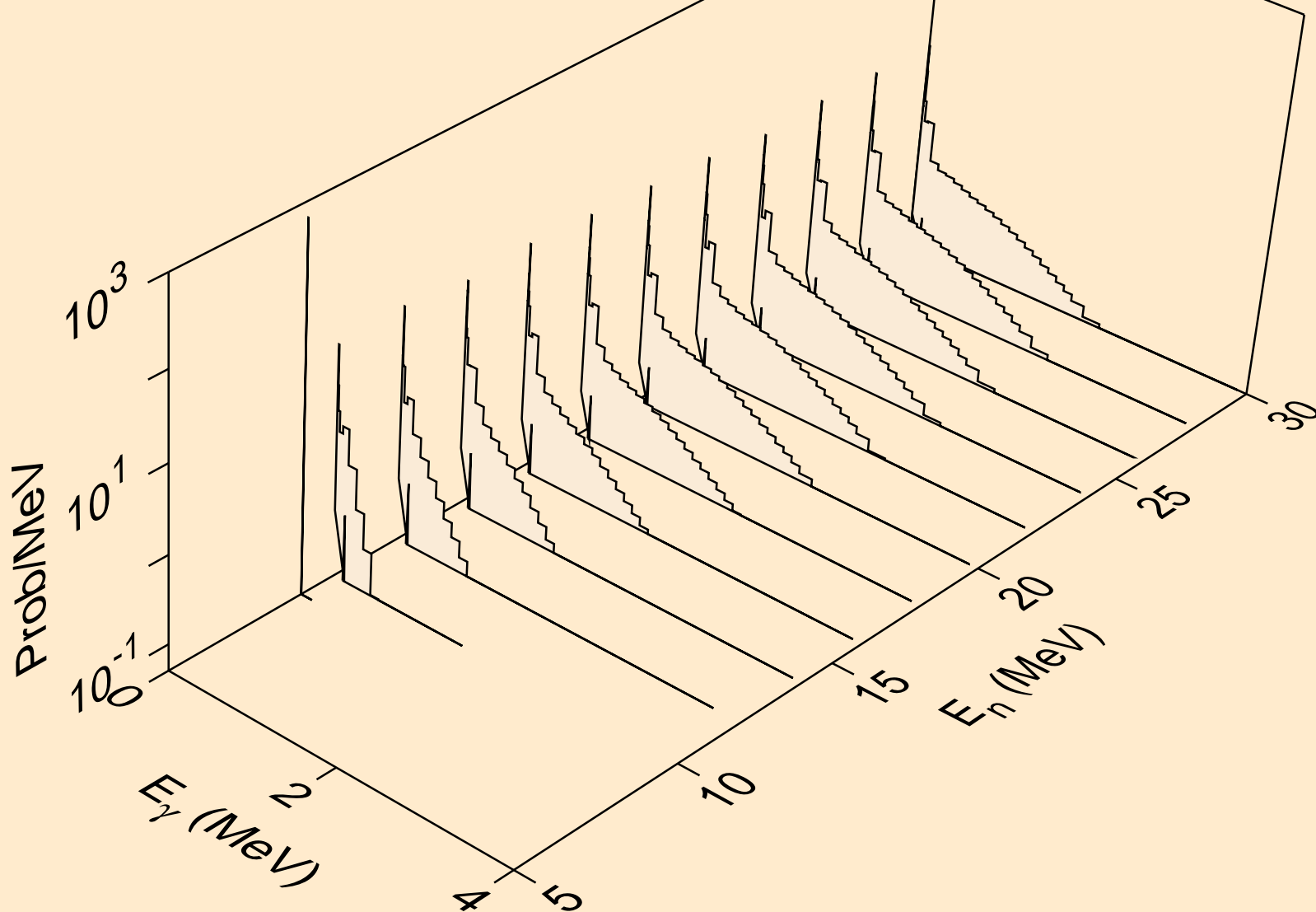


HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,gma)

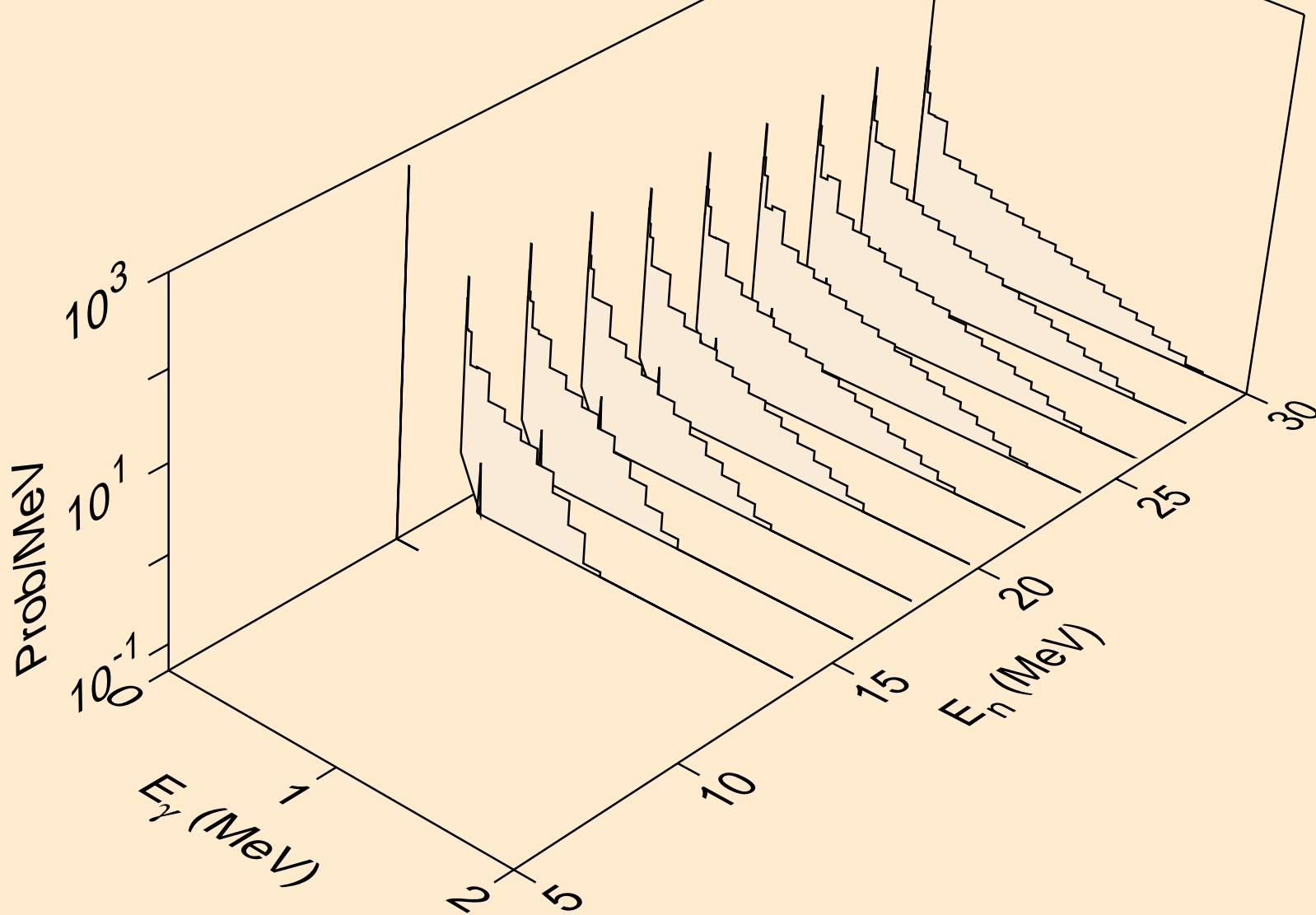




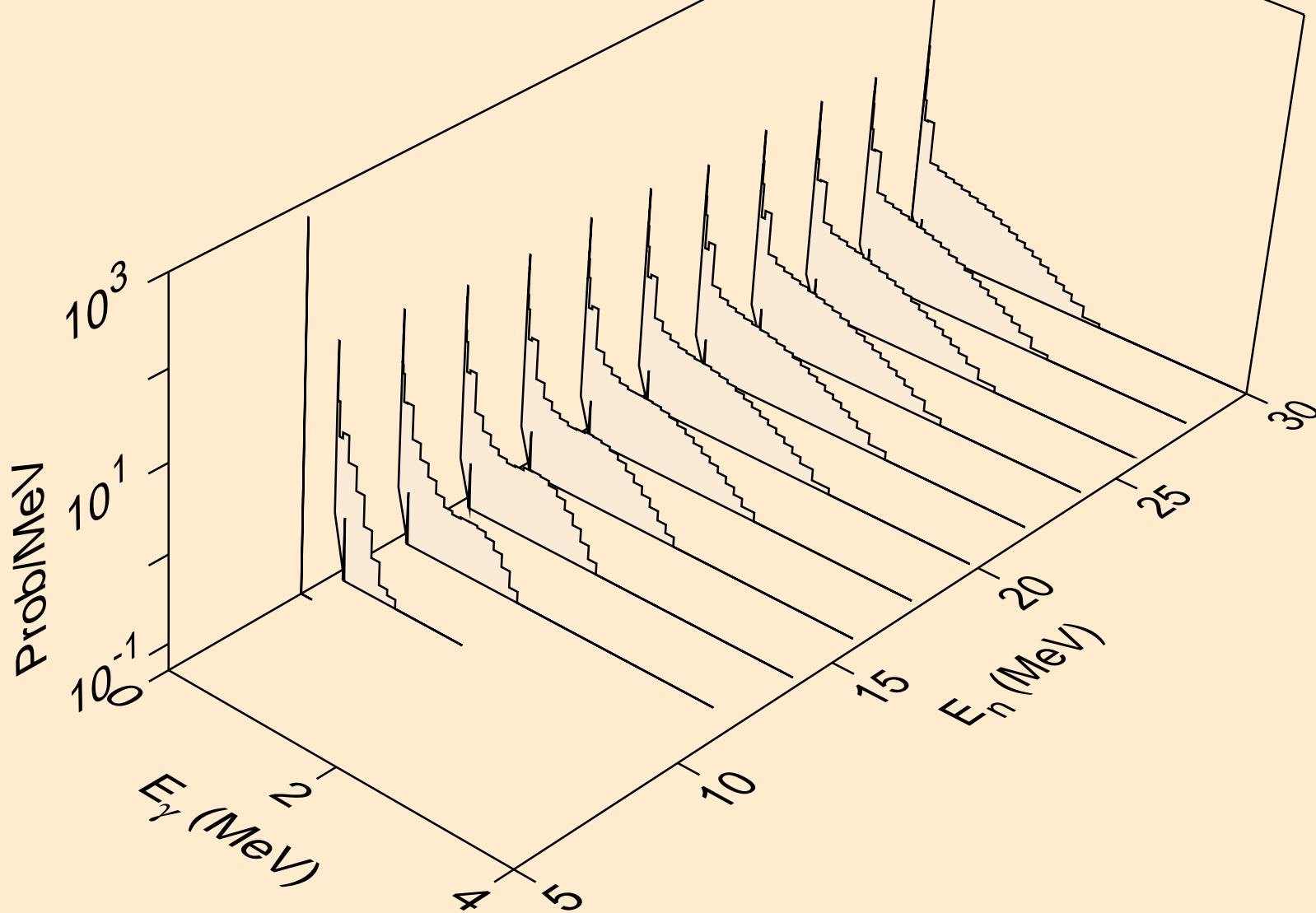
HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,p)



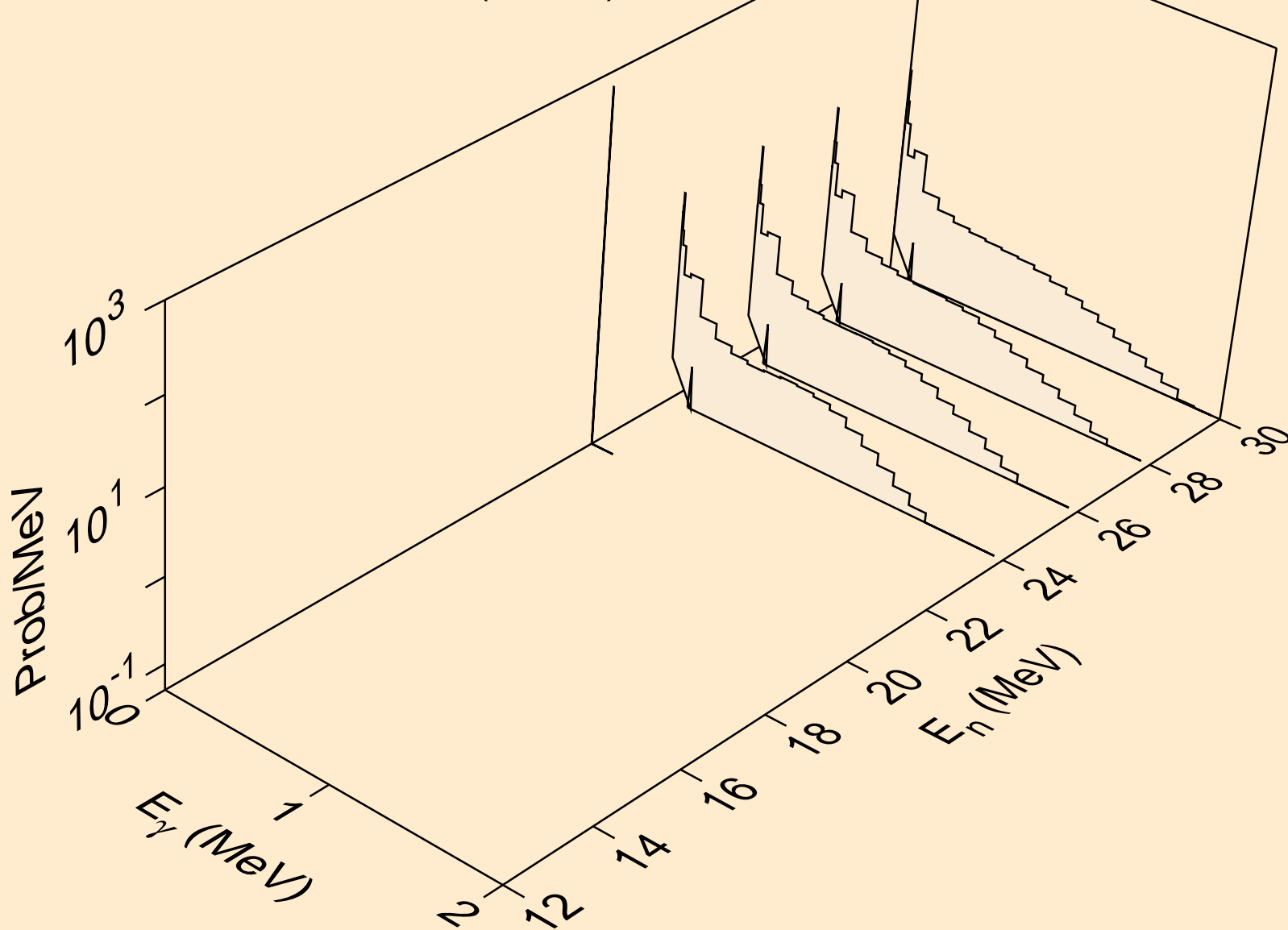
HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,d)



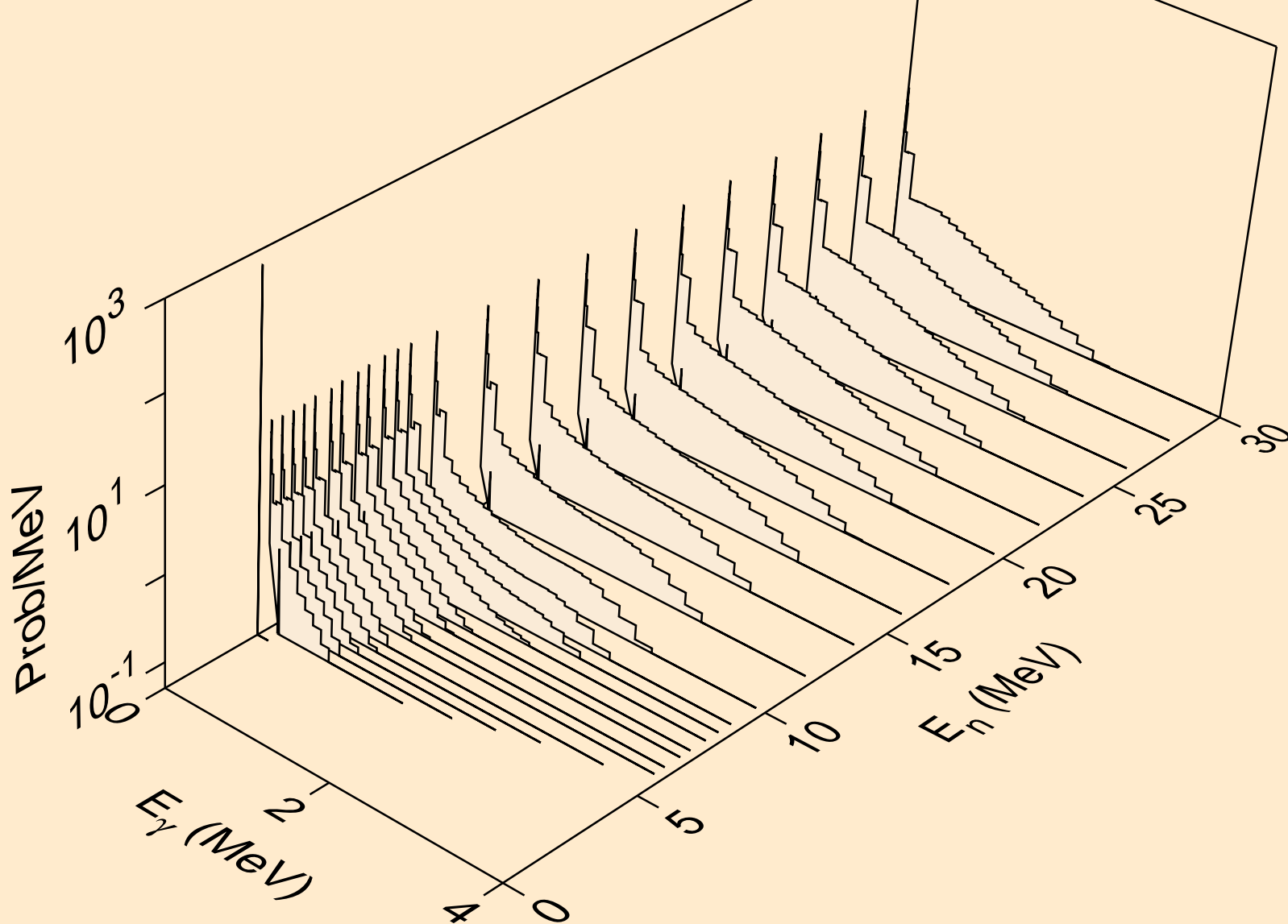
HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,t)



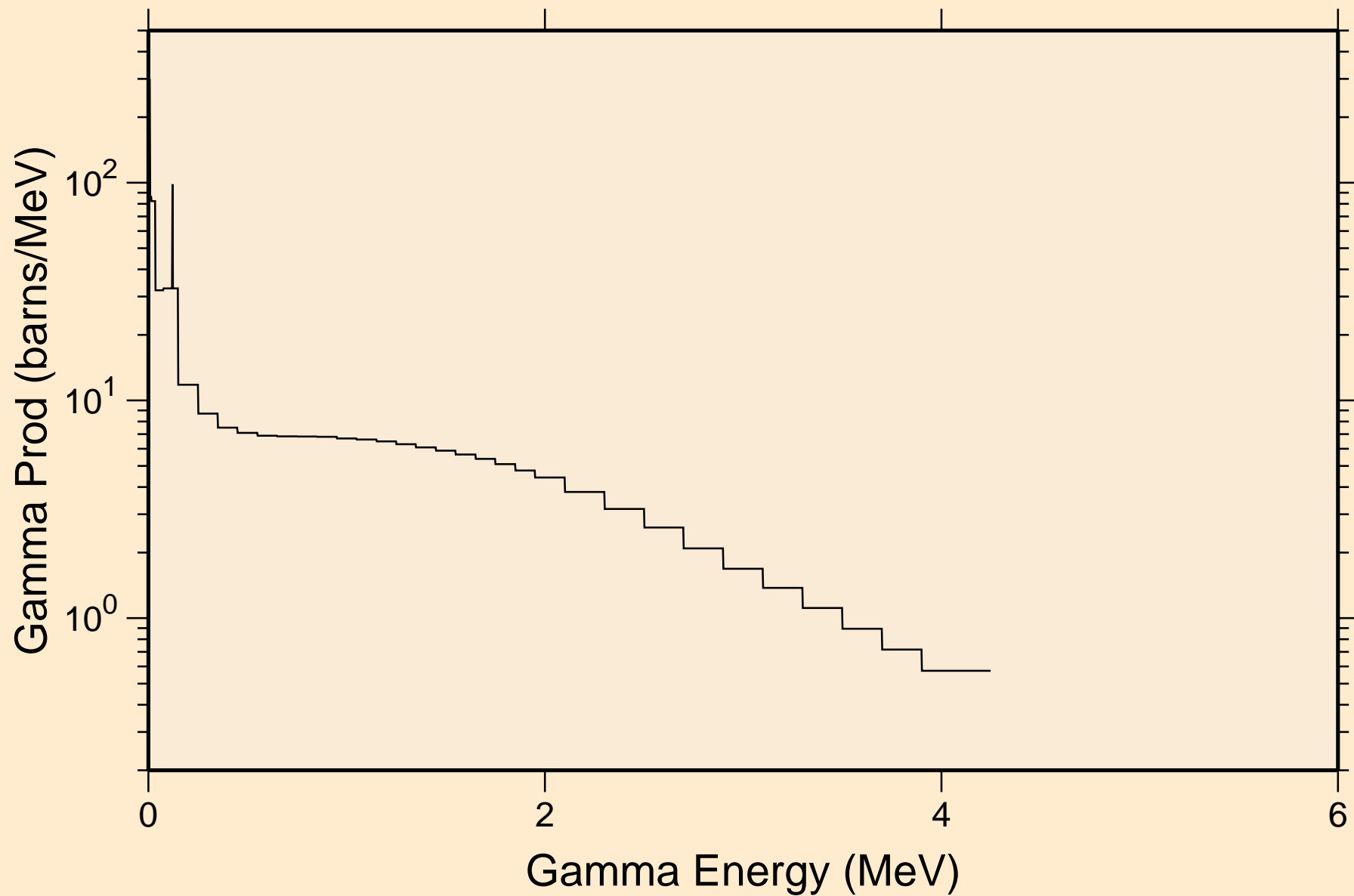
HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,he3)



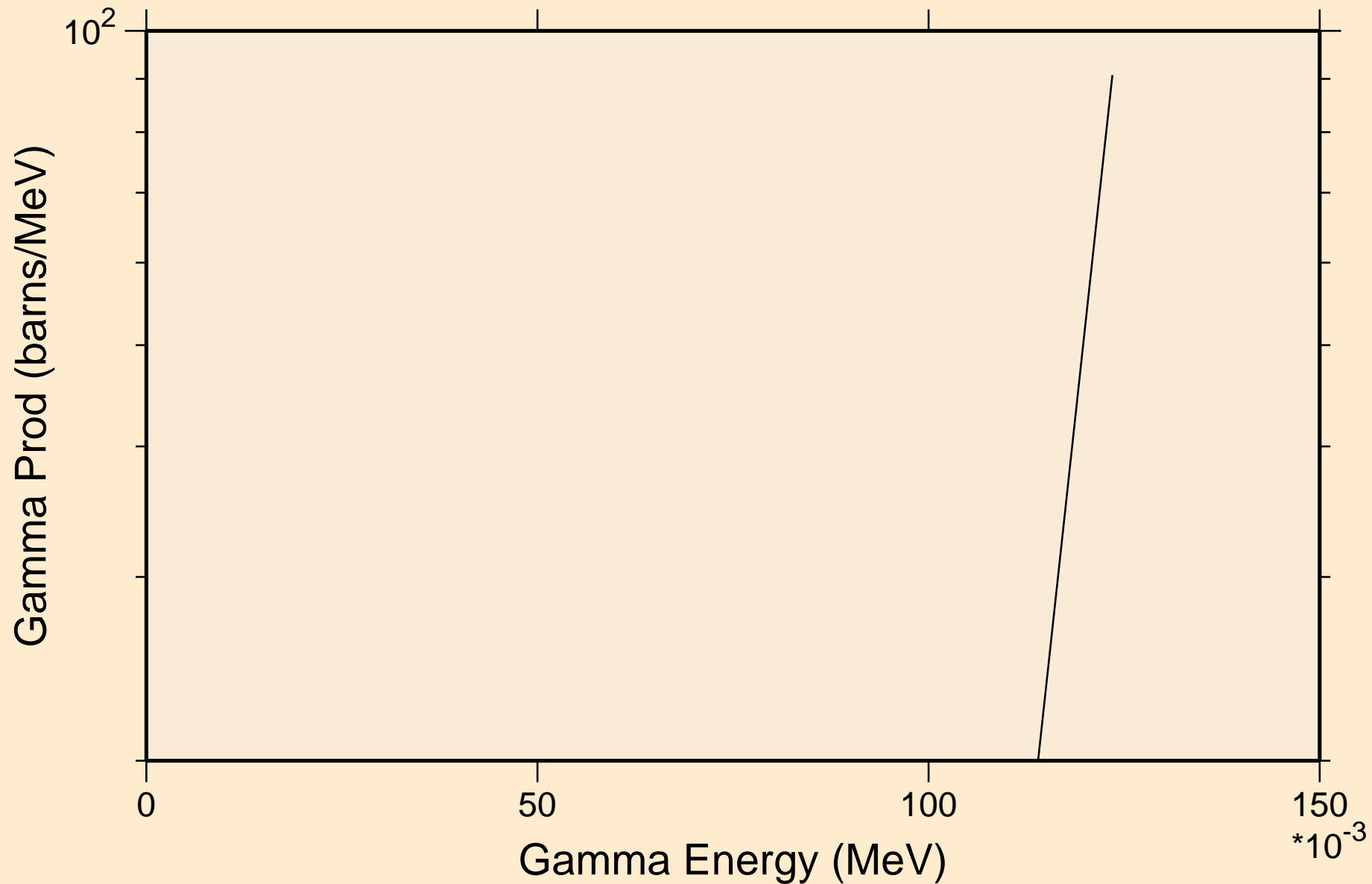
HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,a)



HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
thermal capture photon spectrum

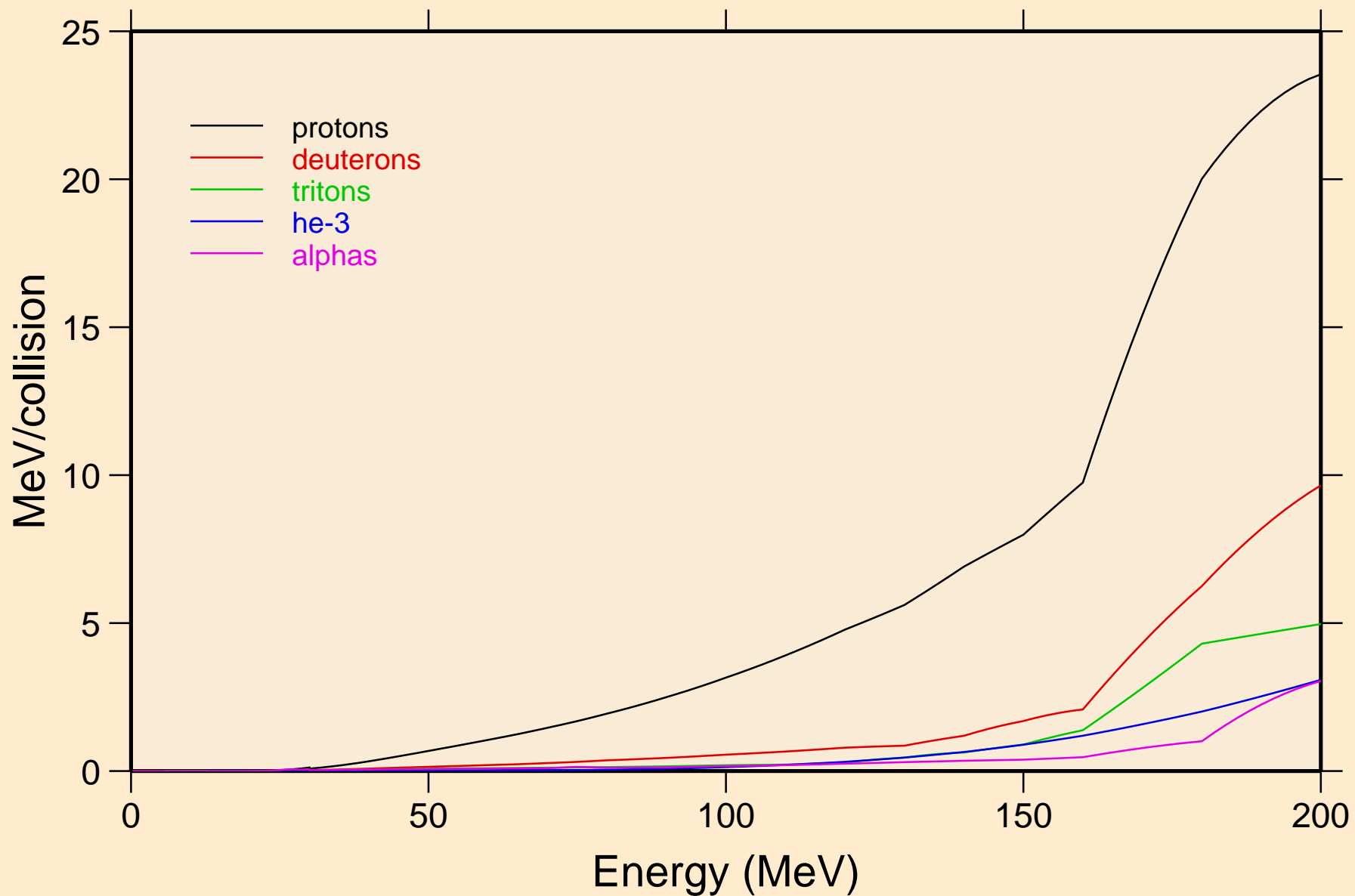


HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
14 MeV photon spectrum



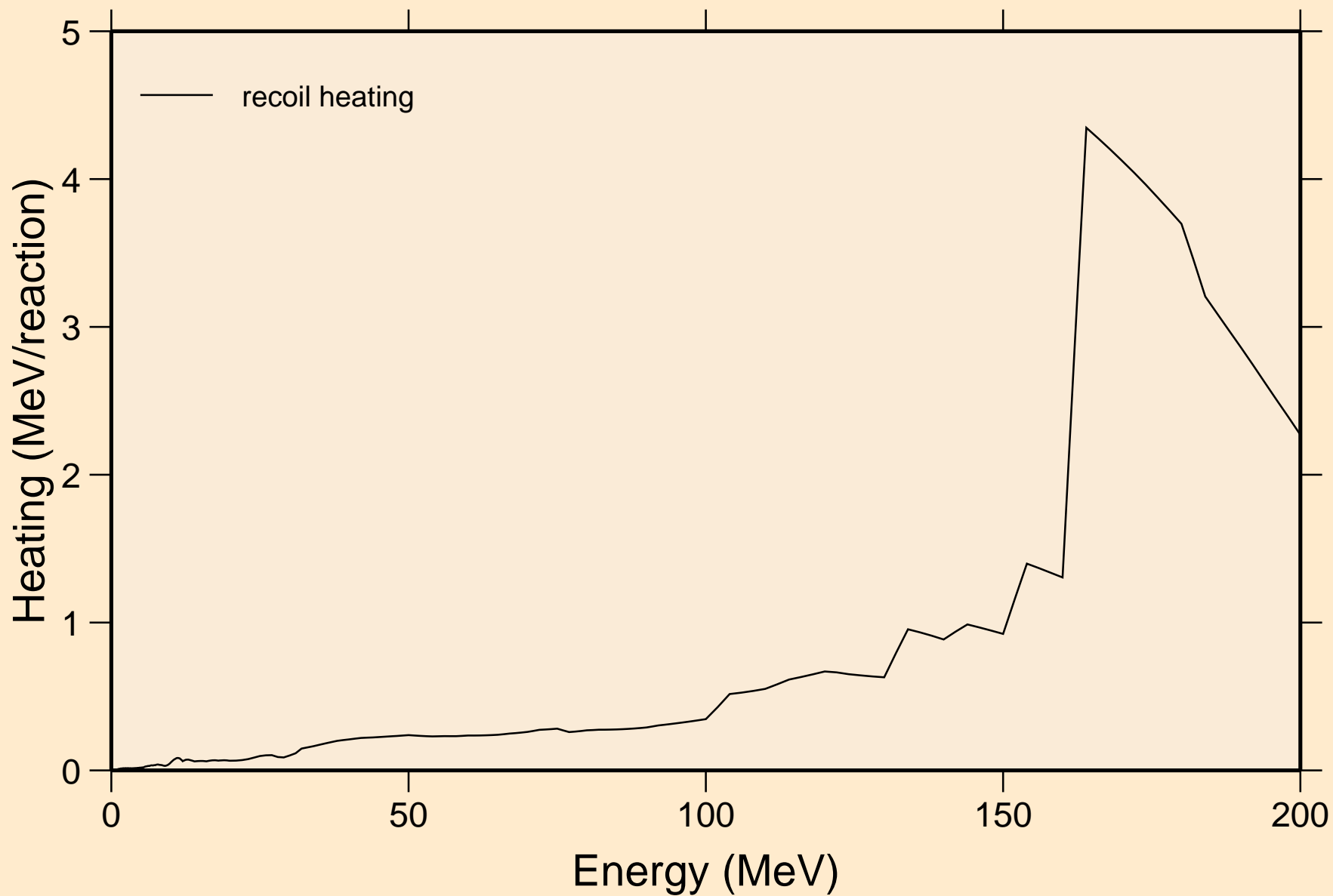
# HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

## Particle heating contributions



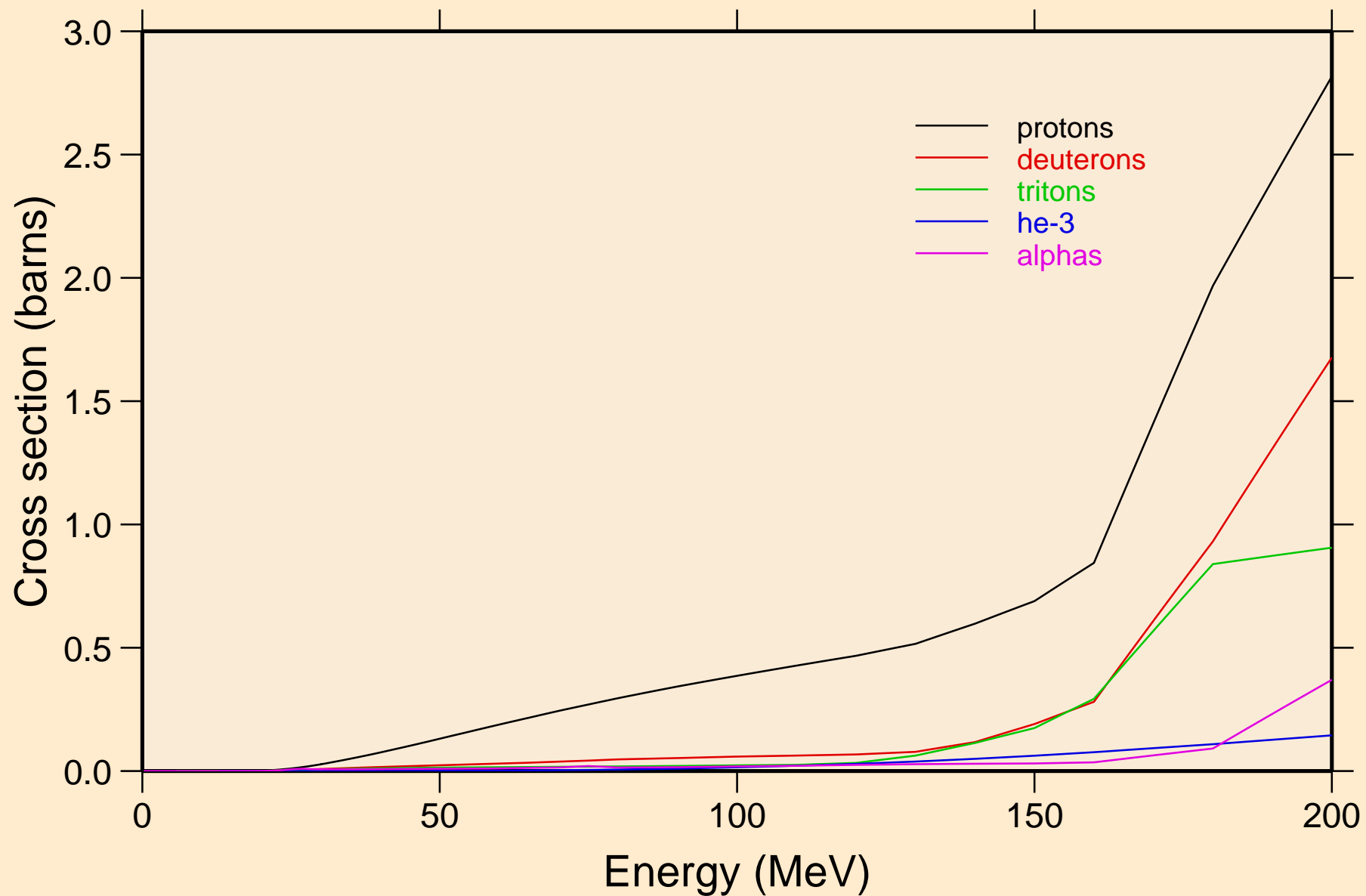


HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Recoil Heating

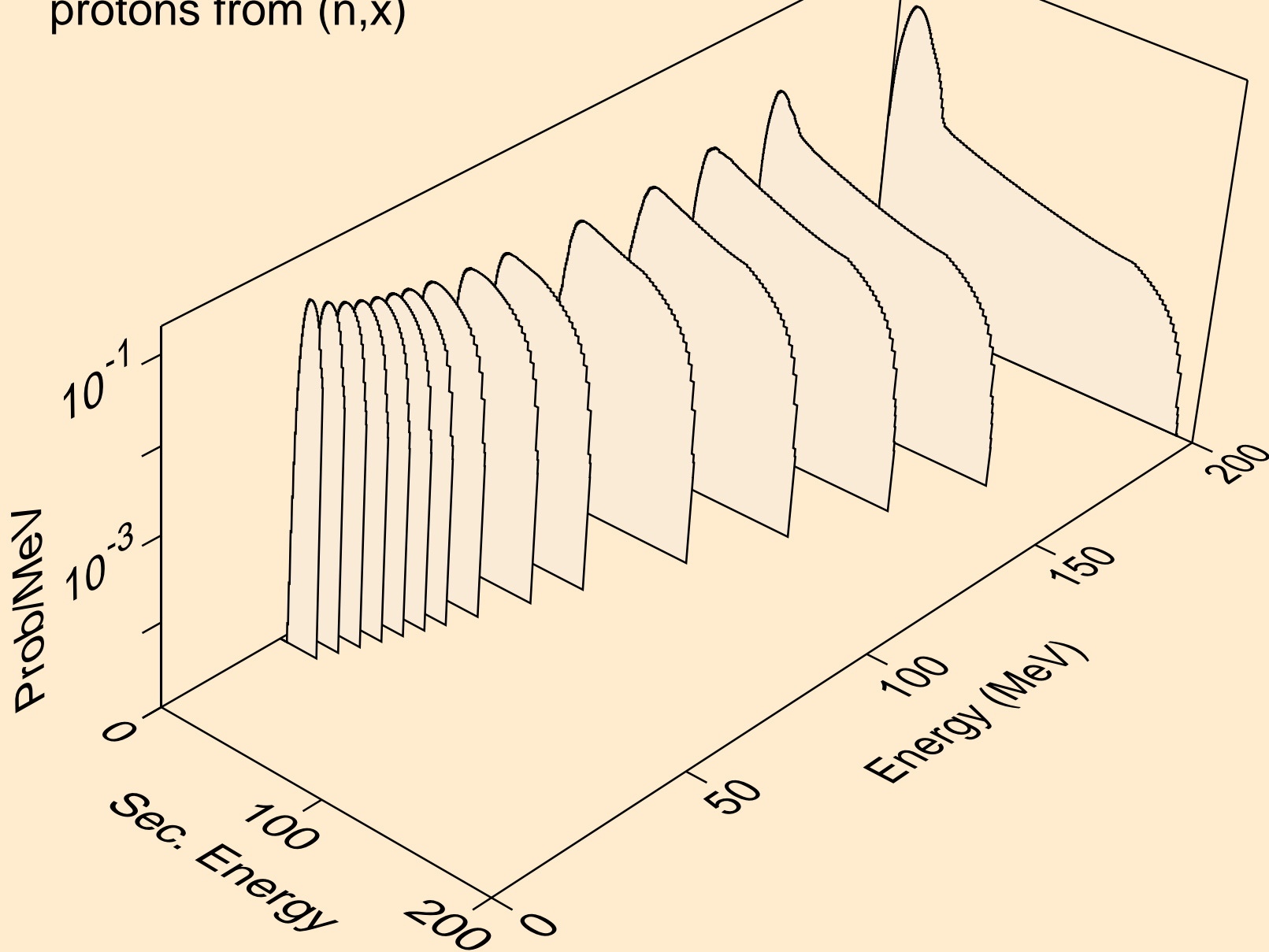


# HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

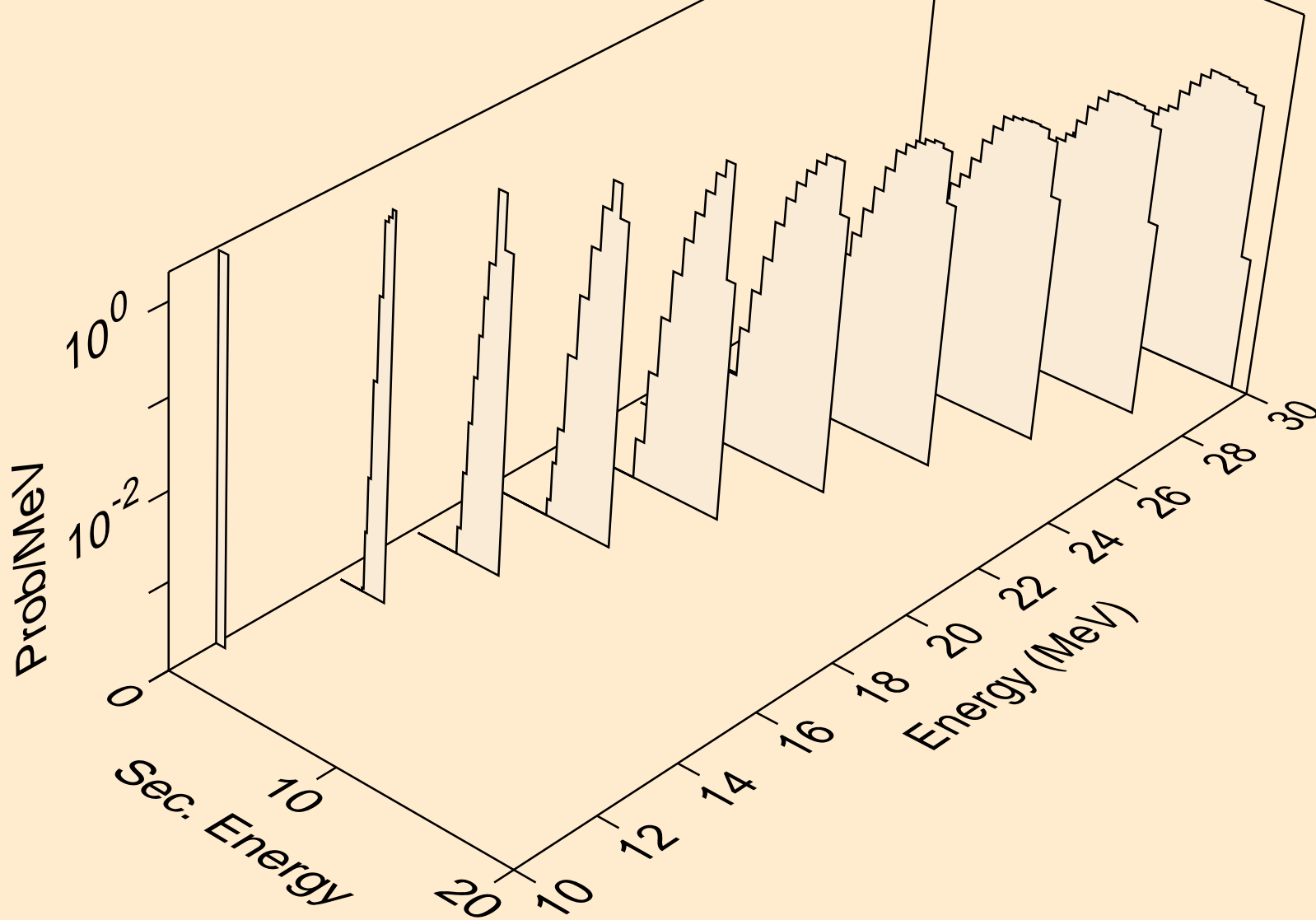
## Particle production cross sections



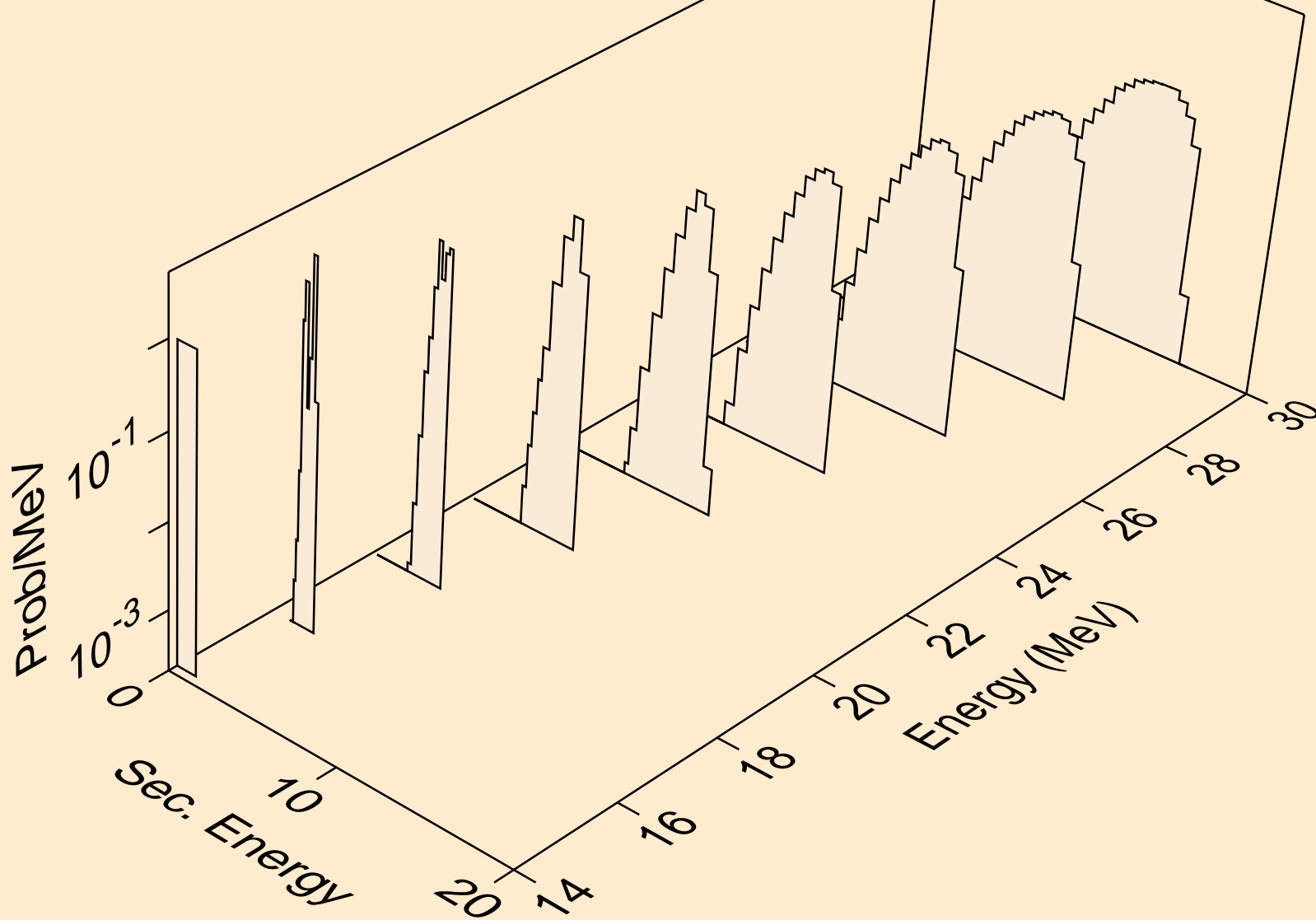
HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,x)



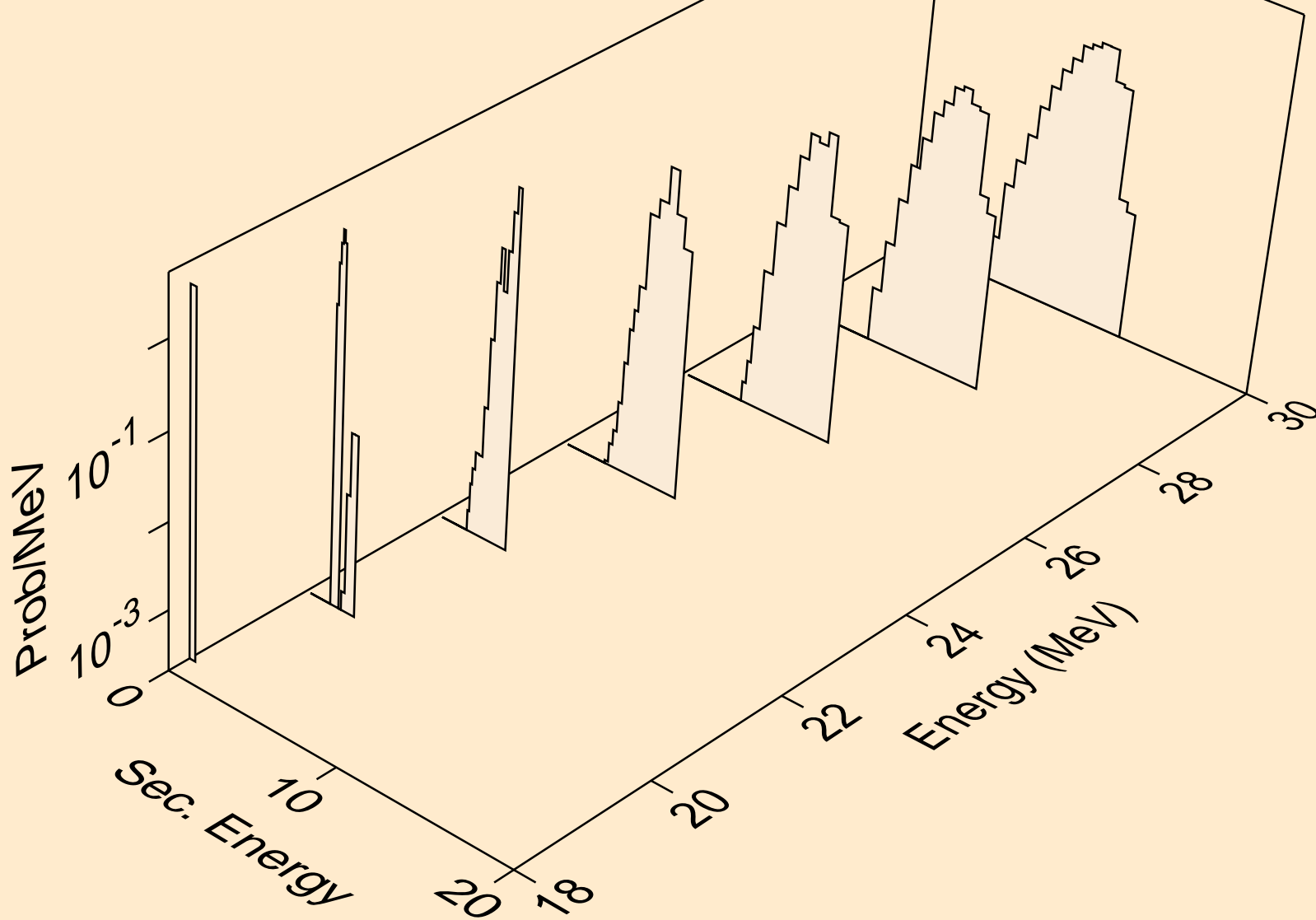
HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,n\*)p



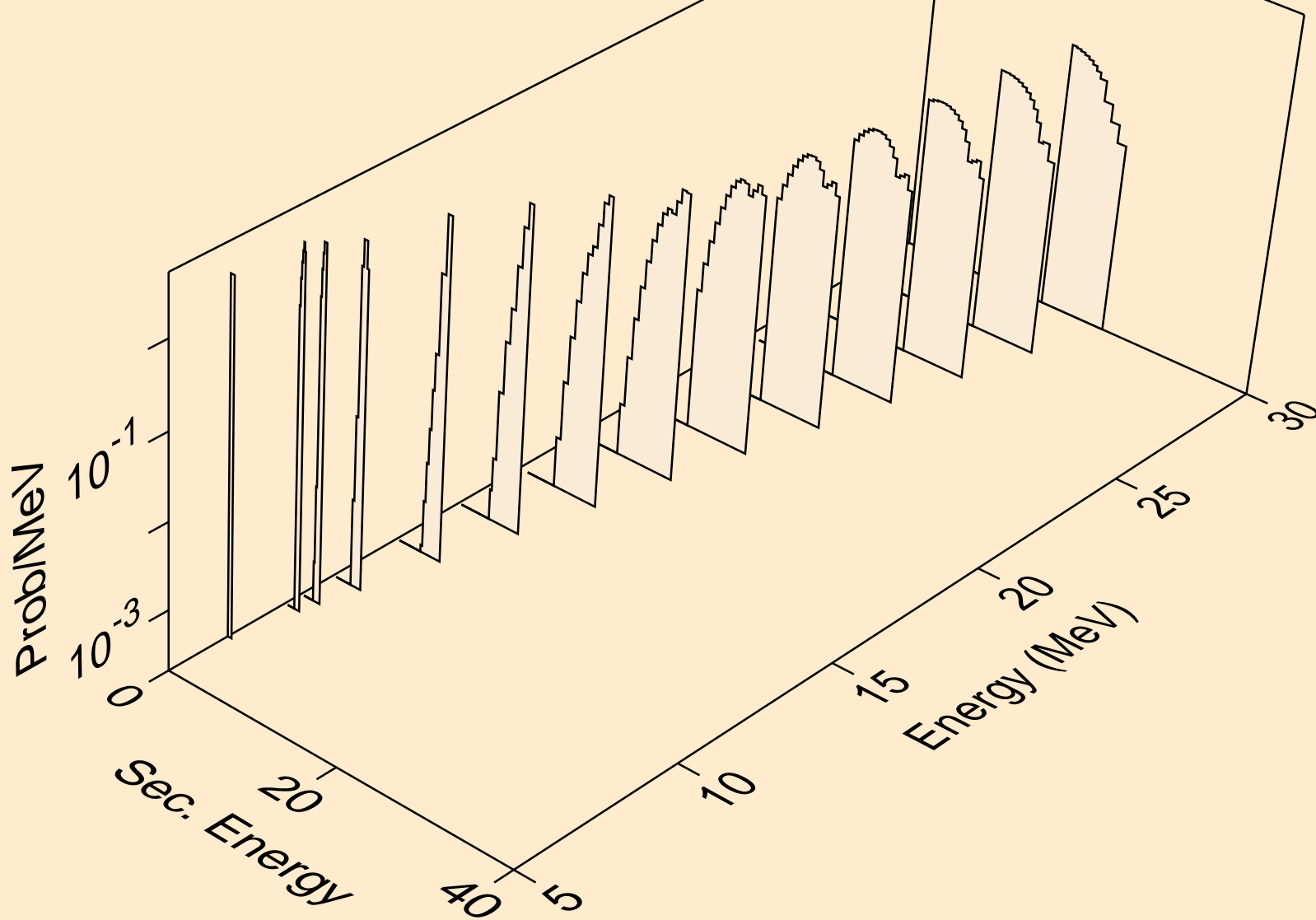
HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2np)



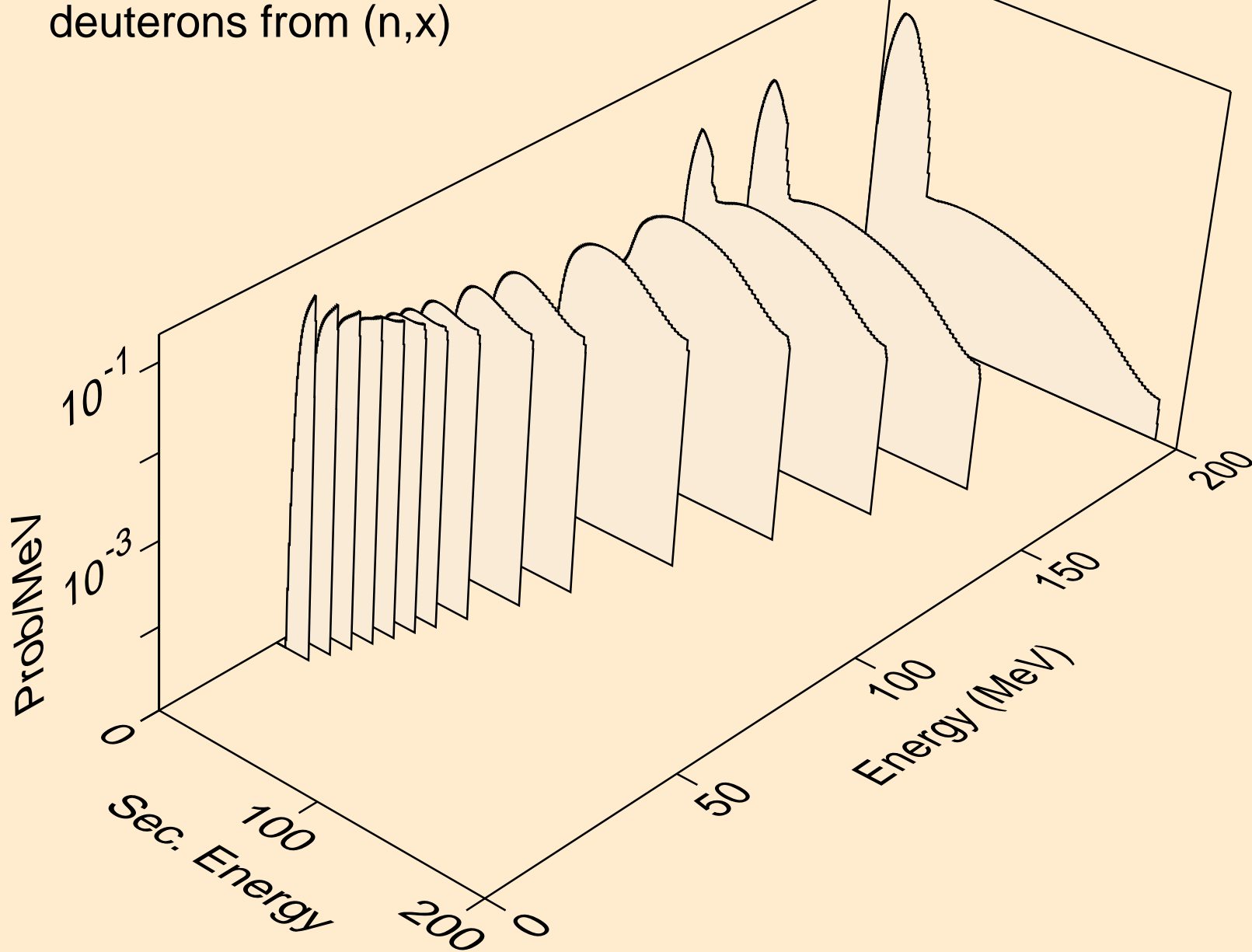
HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,3np)



HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,p)

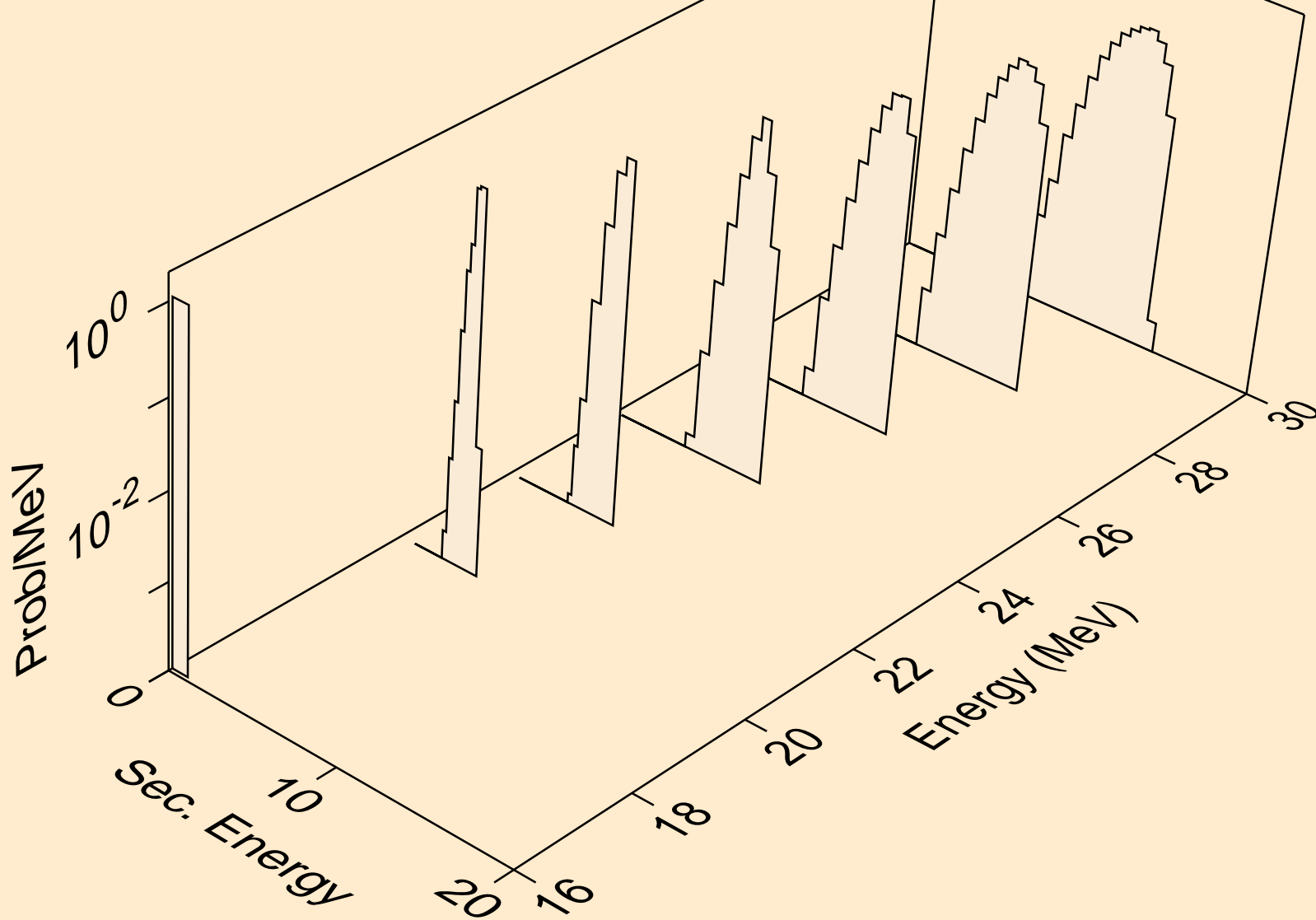


HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,x)

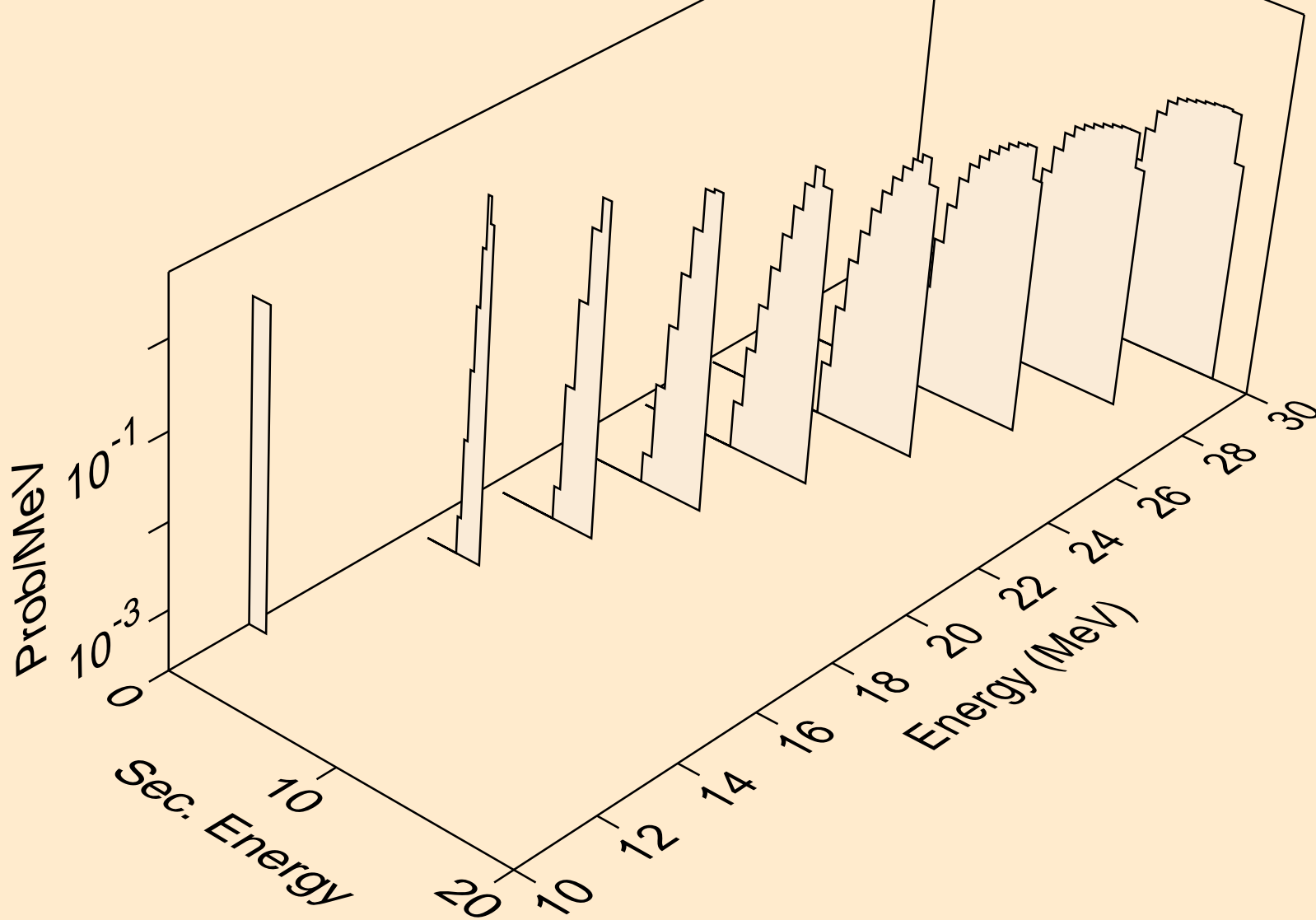




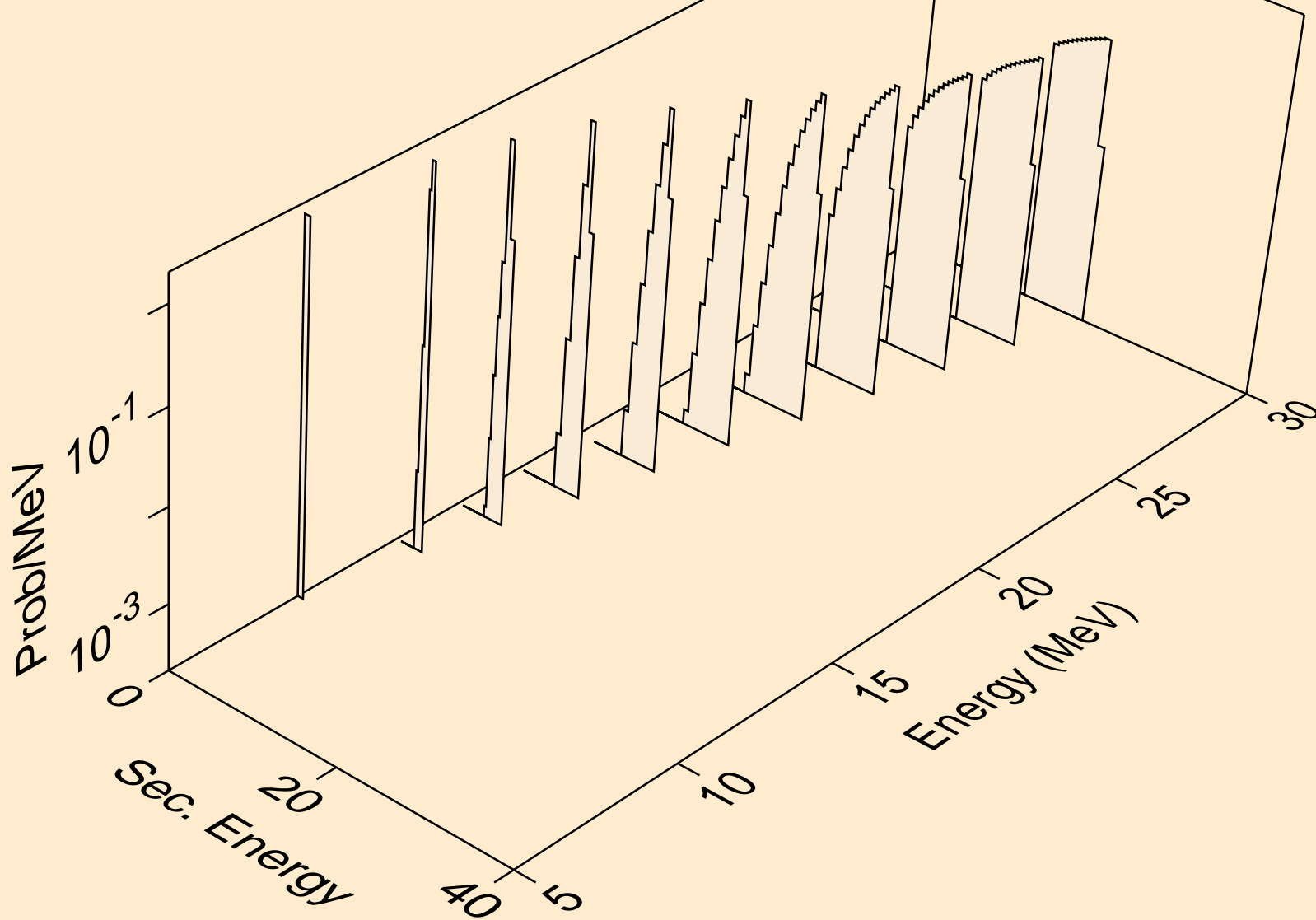
HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,2nd)



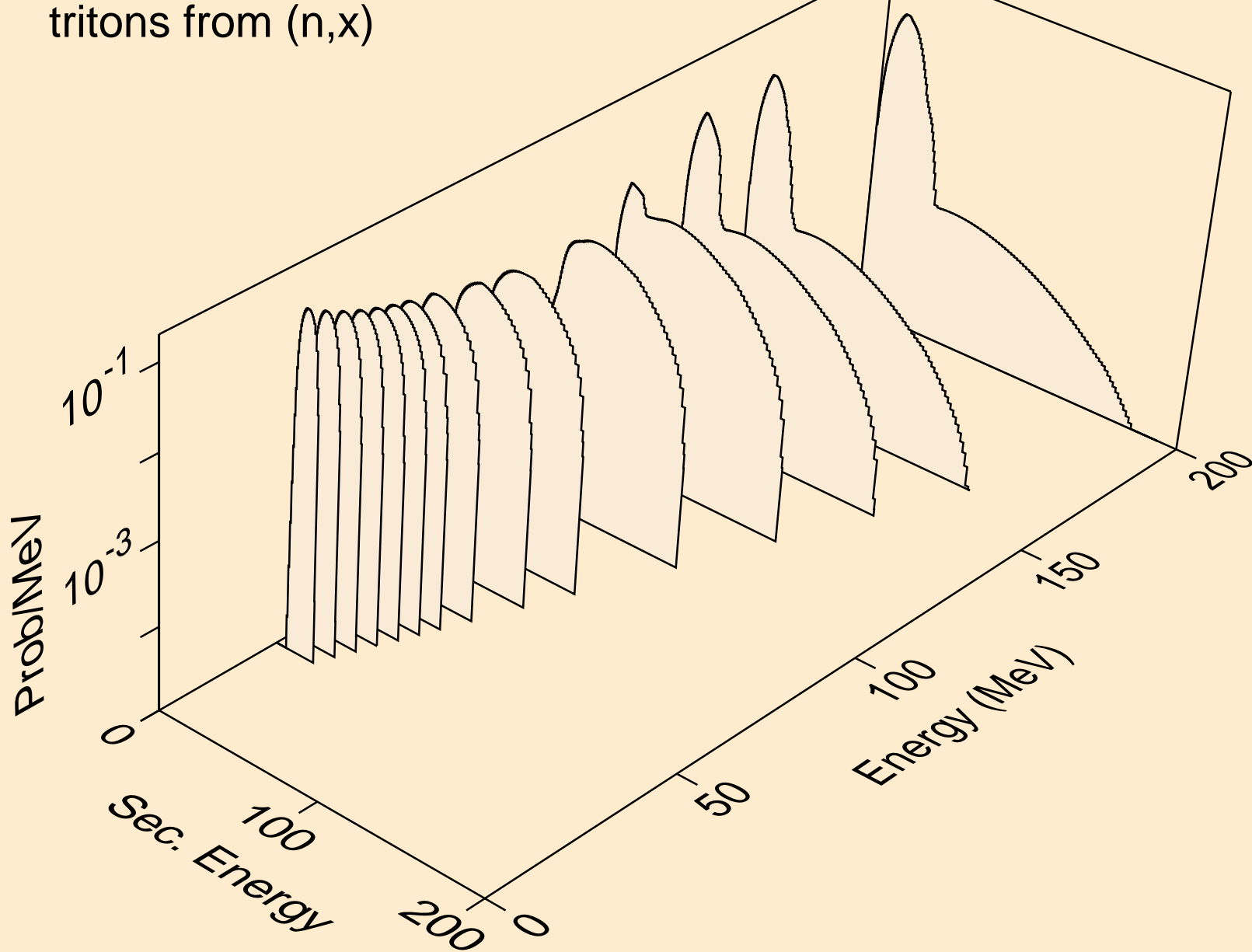
HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,n\*)d



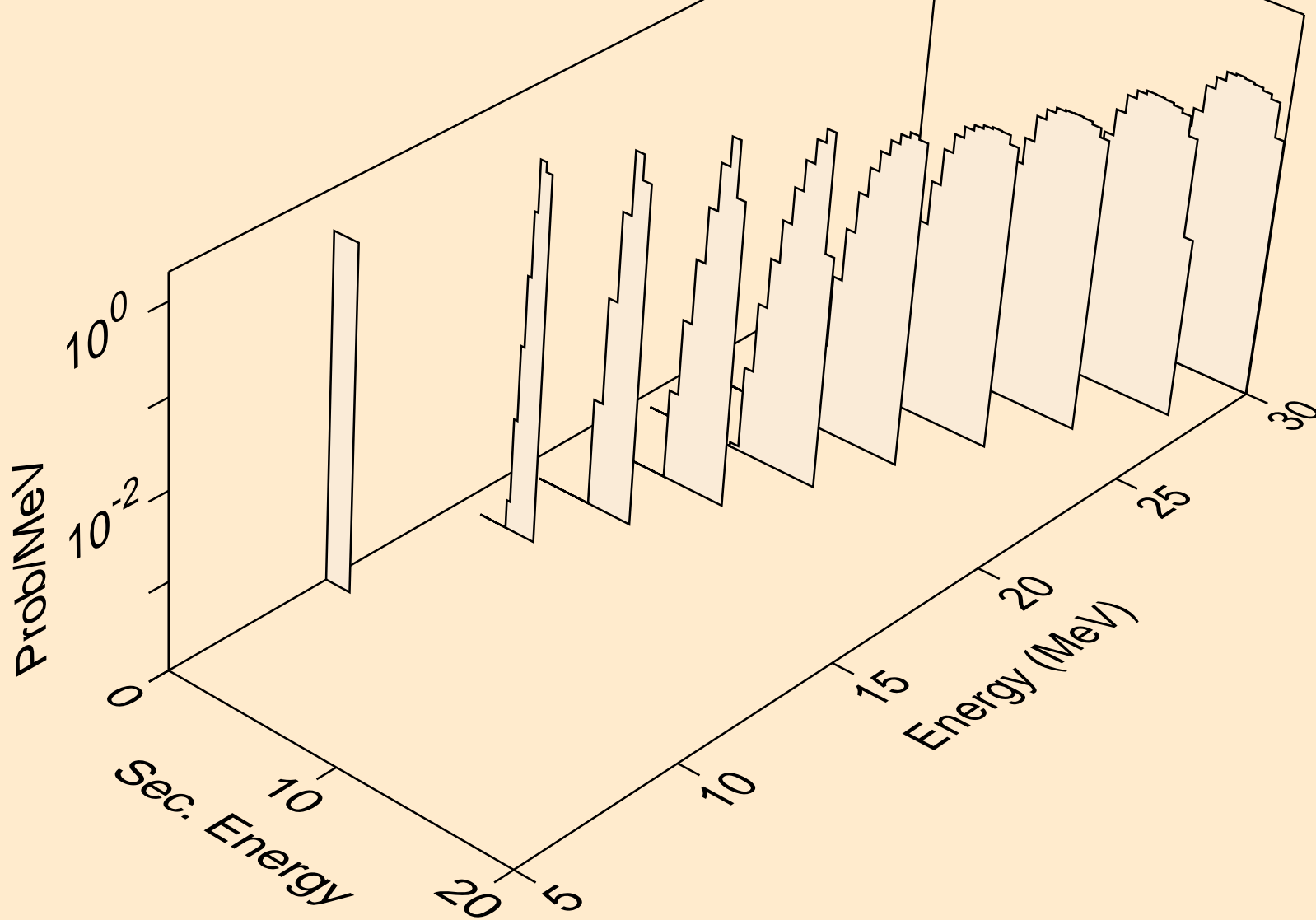
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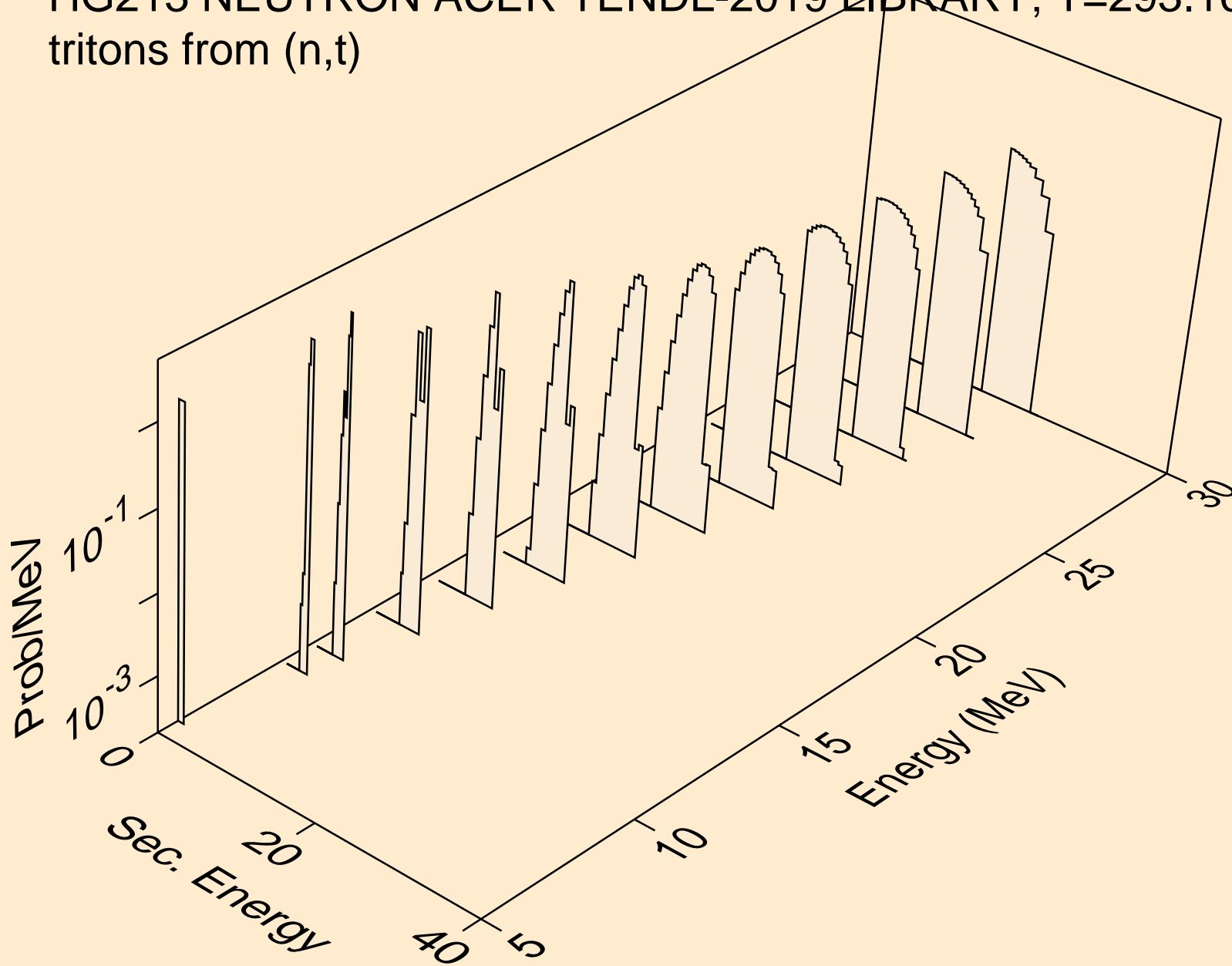
HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,x)



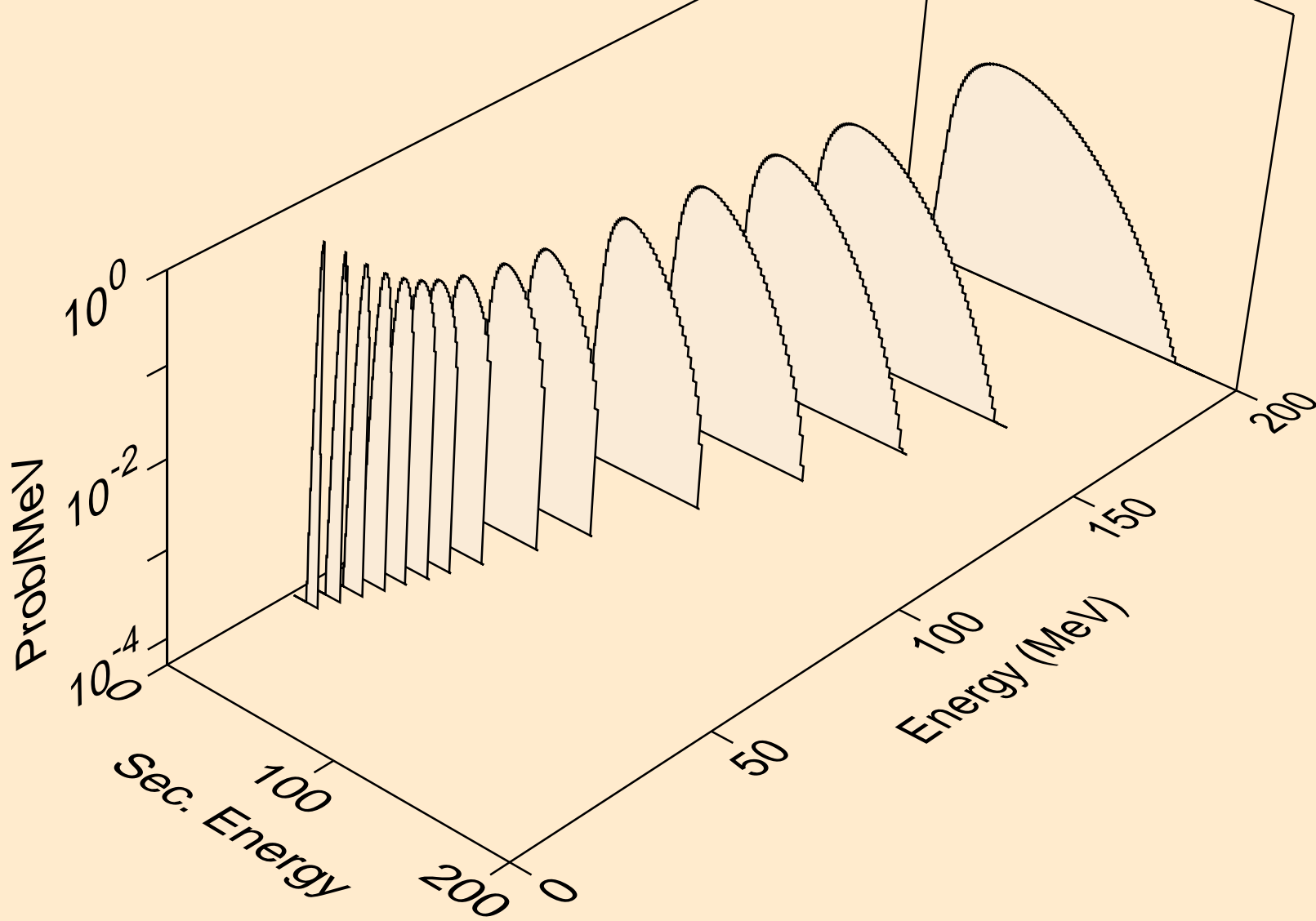
HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,n\*)t



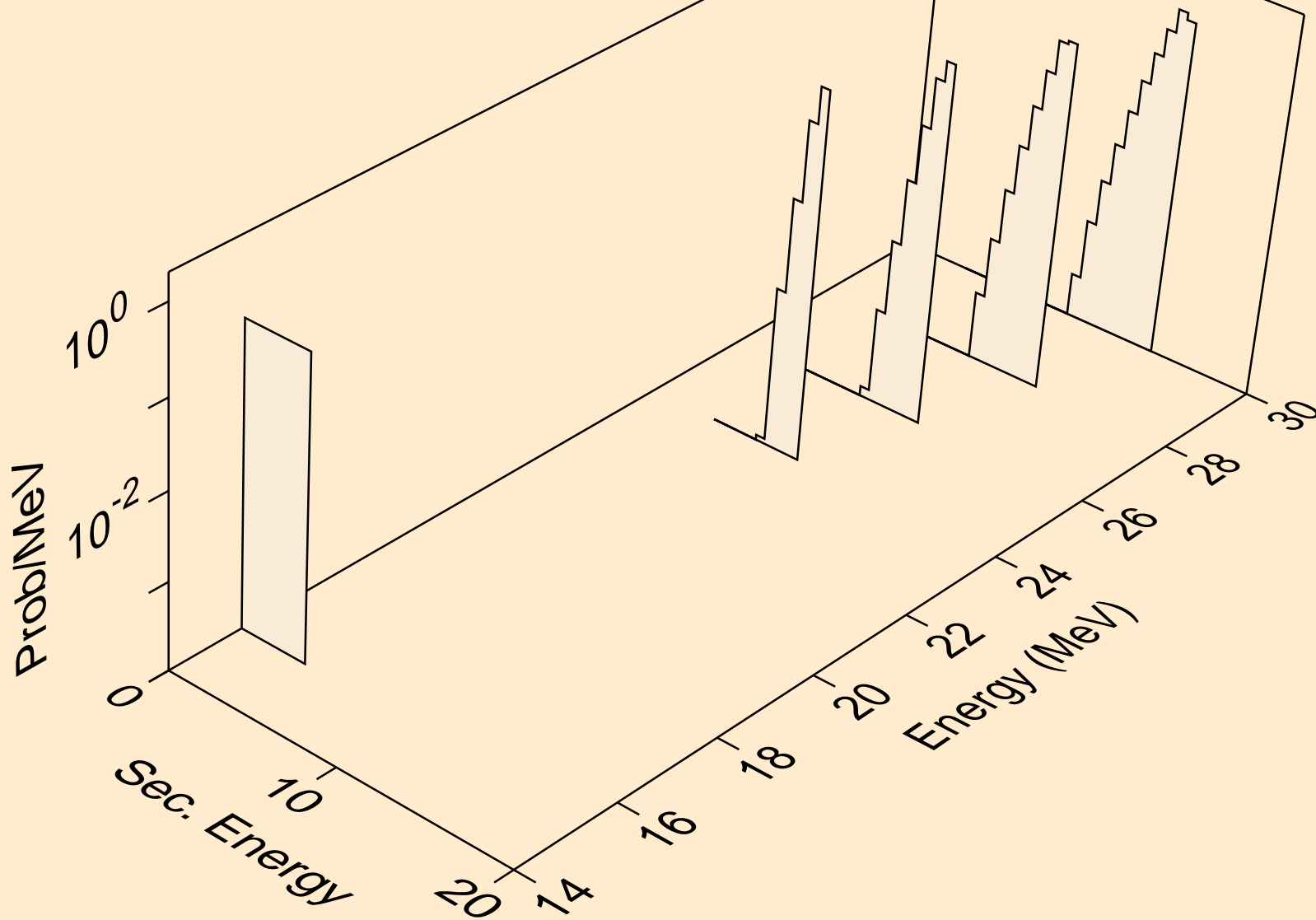
HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,t)



HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,x)

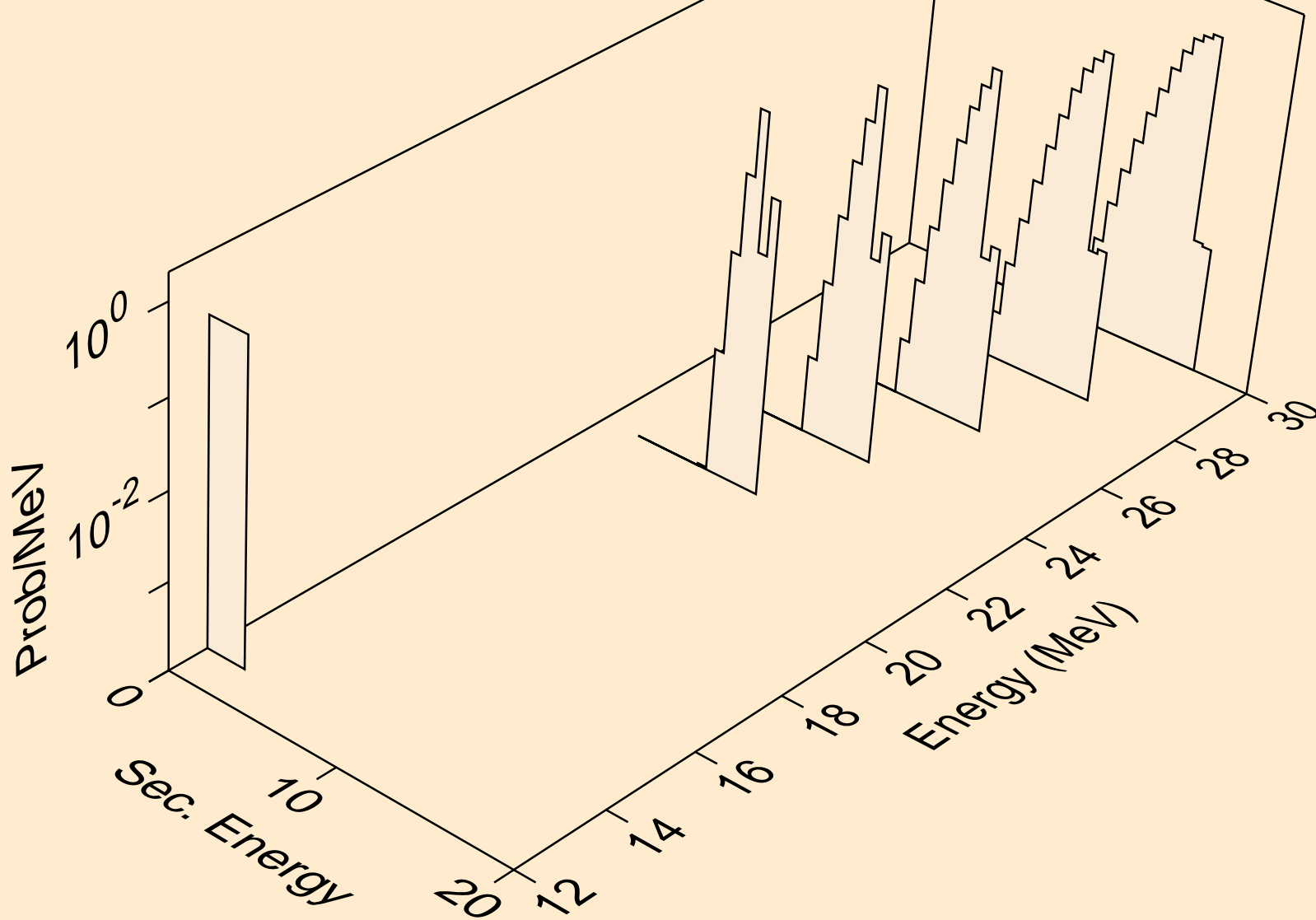


HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,n\*)he3

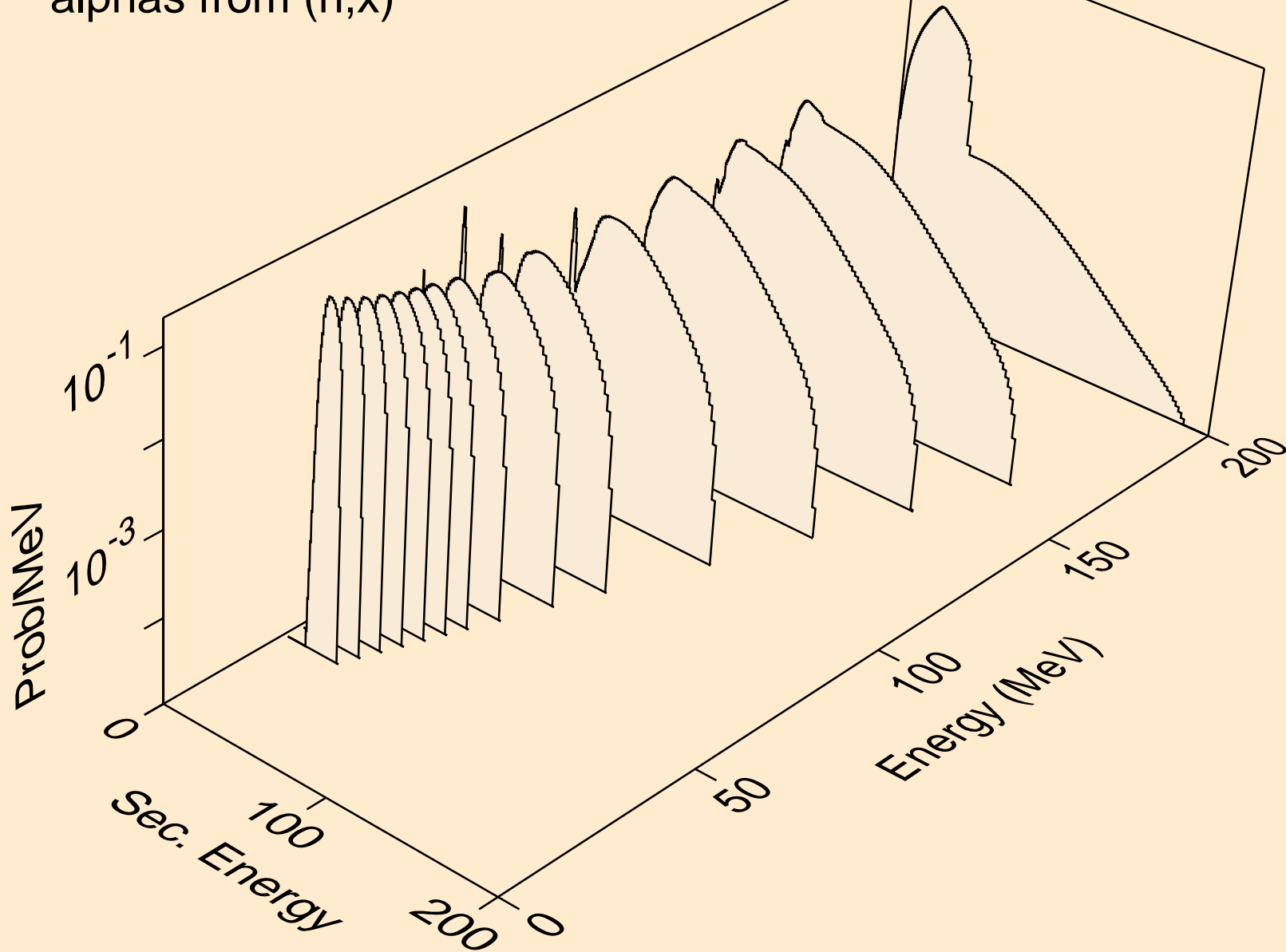




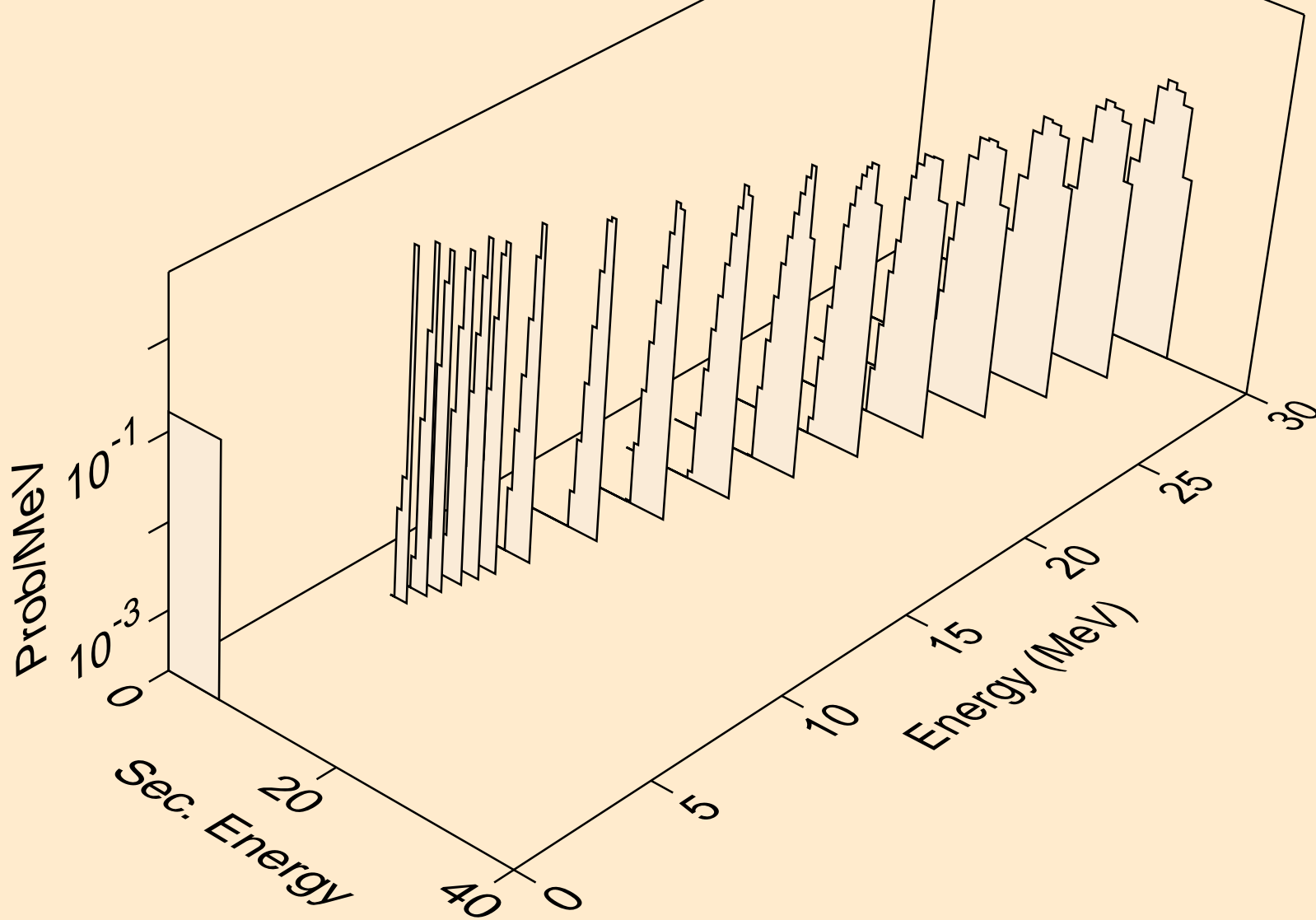
HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,he3)



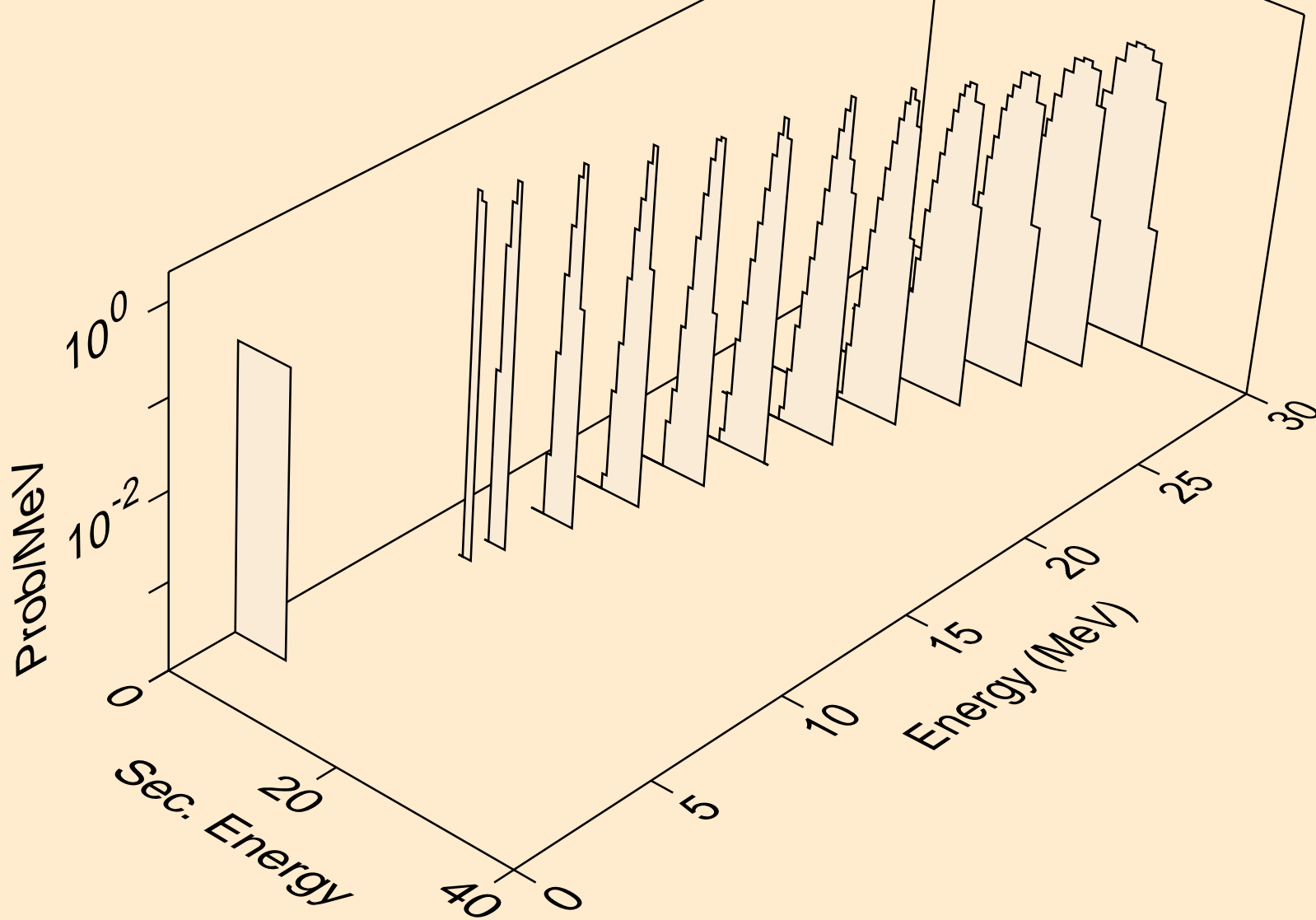
HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,x)



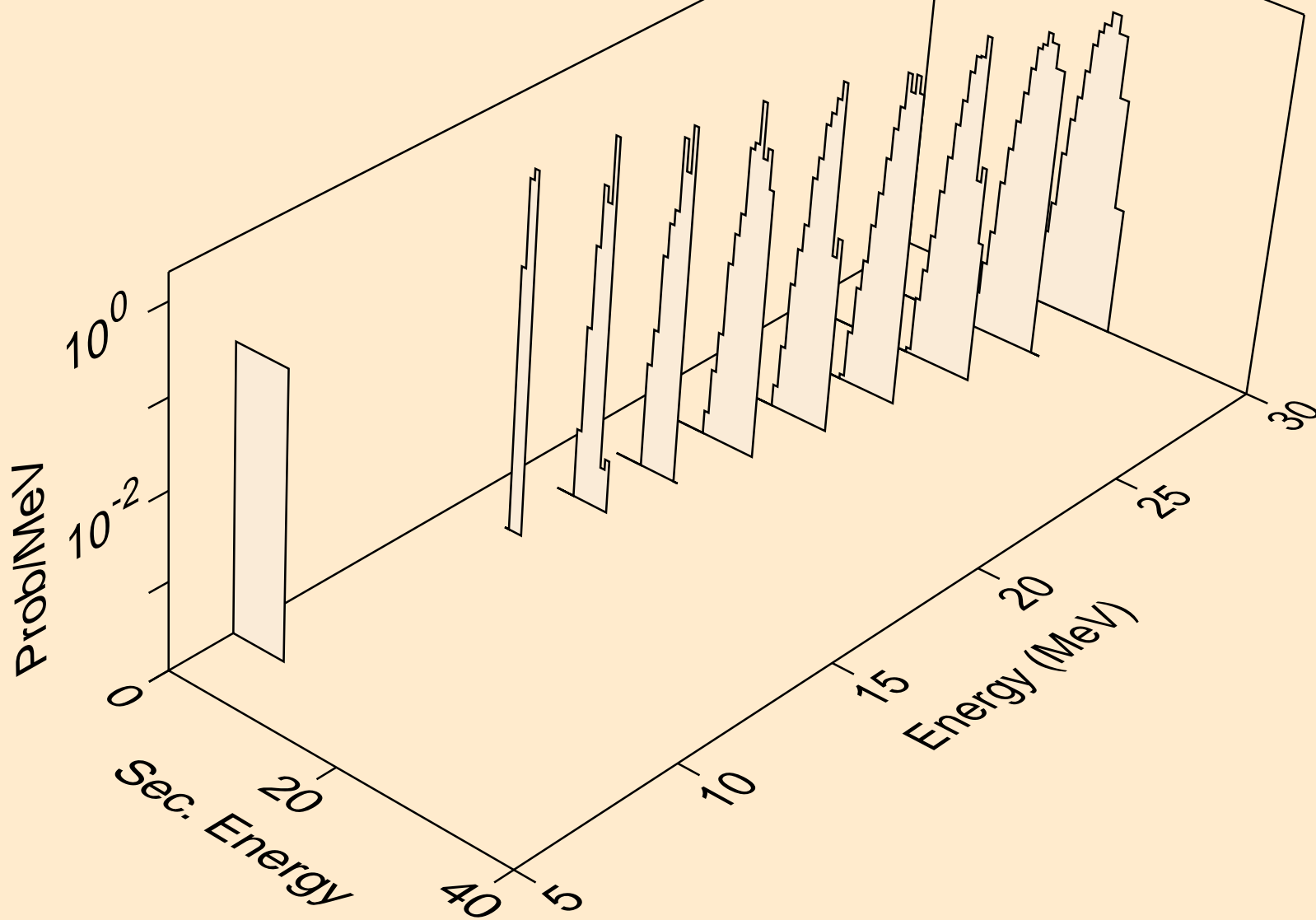
HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)a



HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2n)a



HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,3n)a



HG213 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,a)

