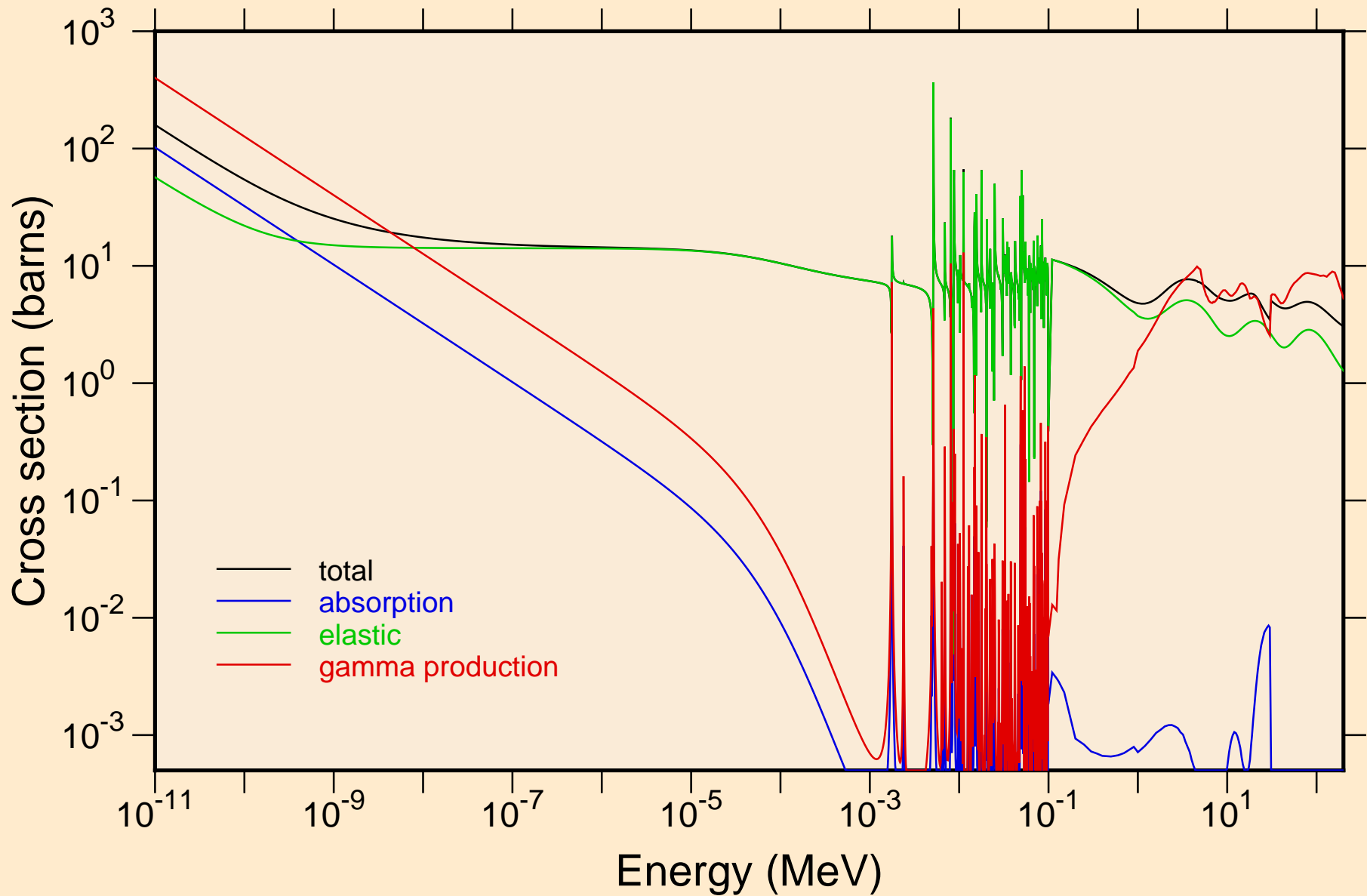
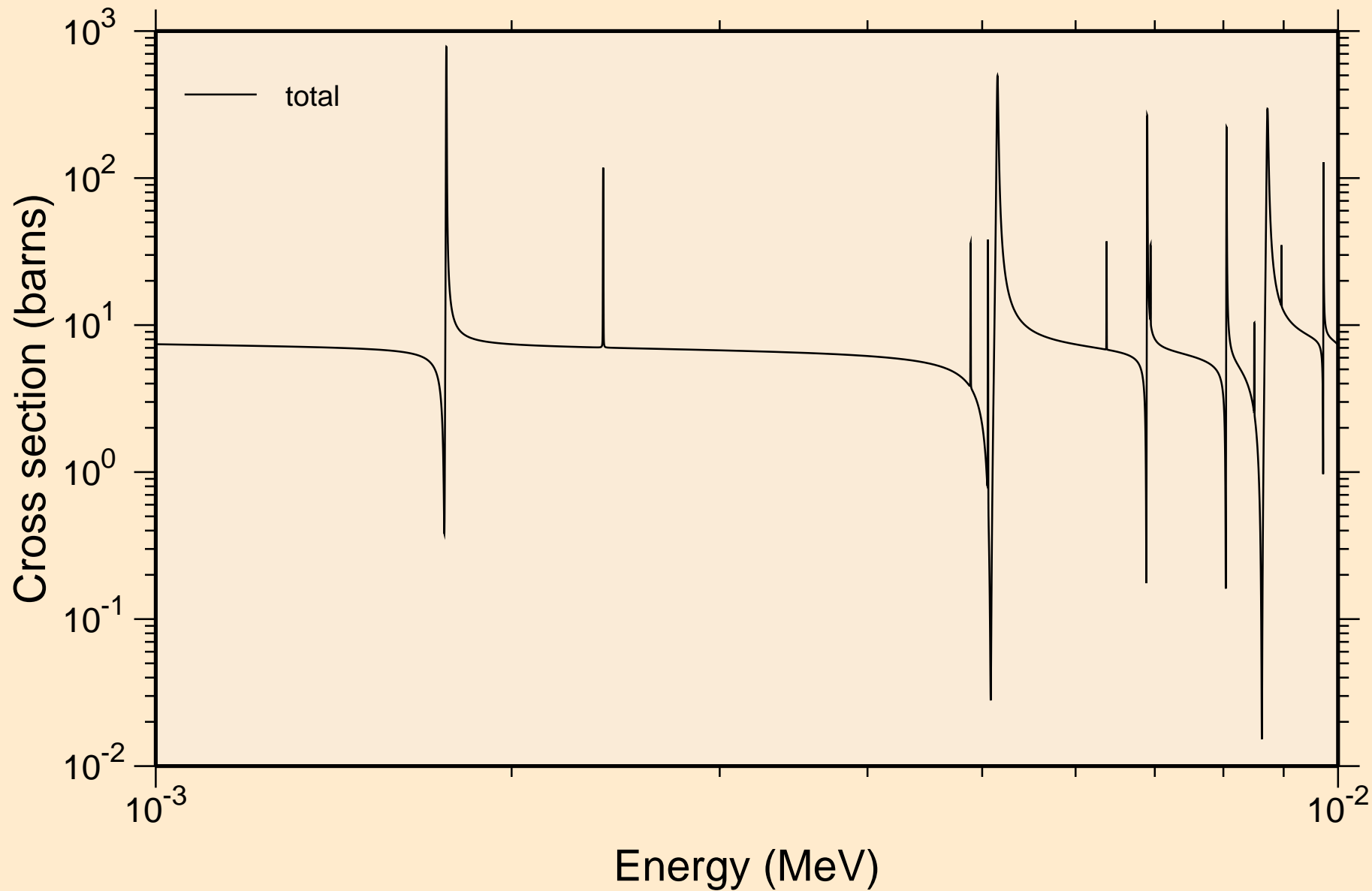


# HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

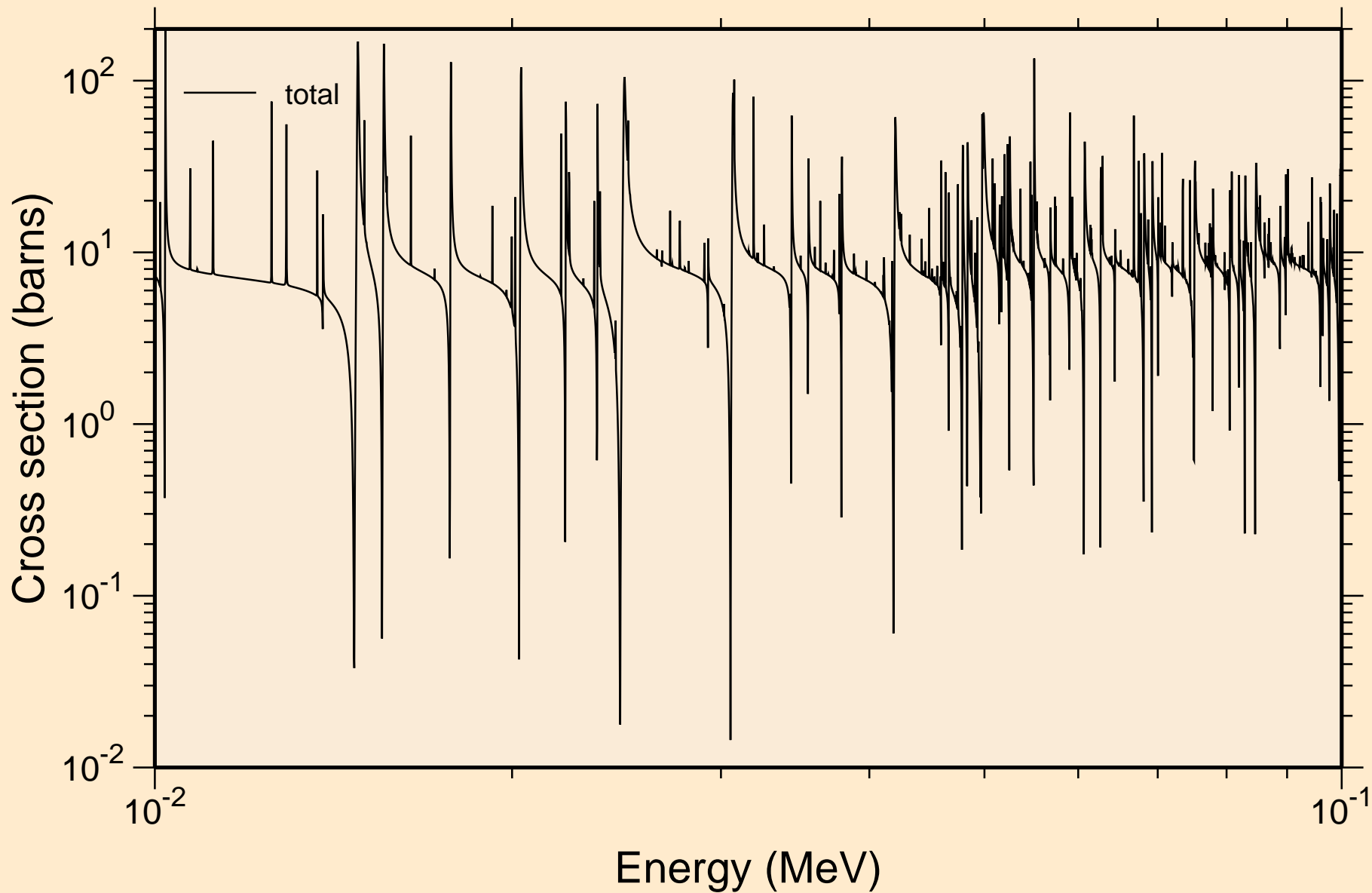
## Principal cross sections



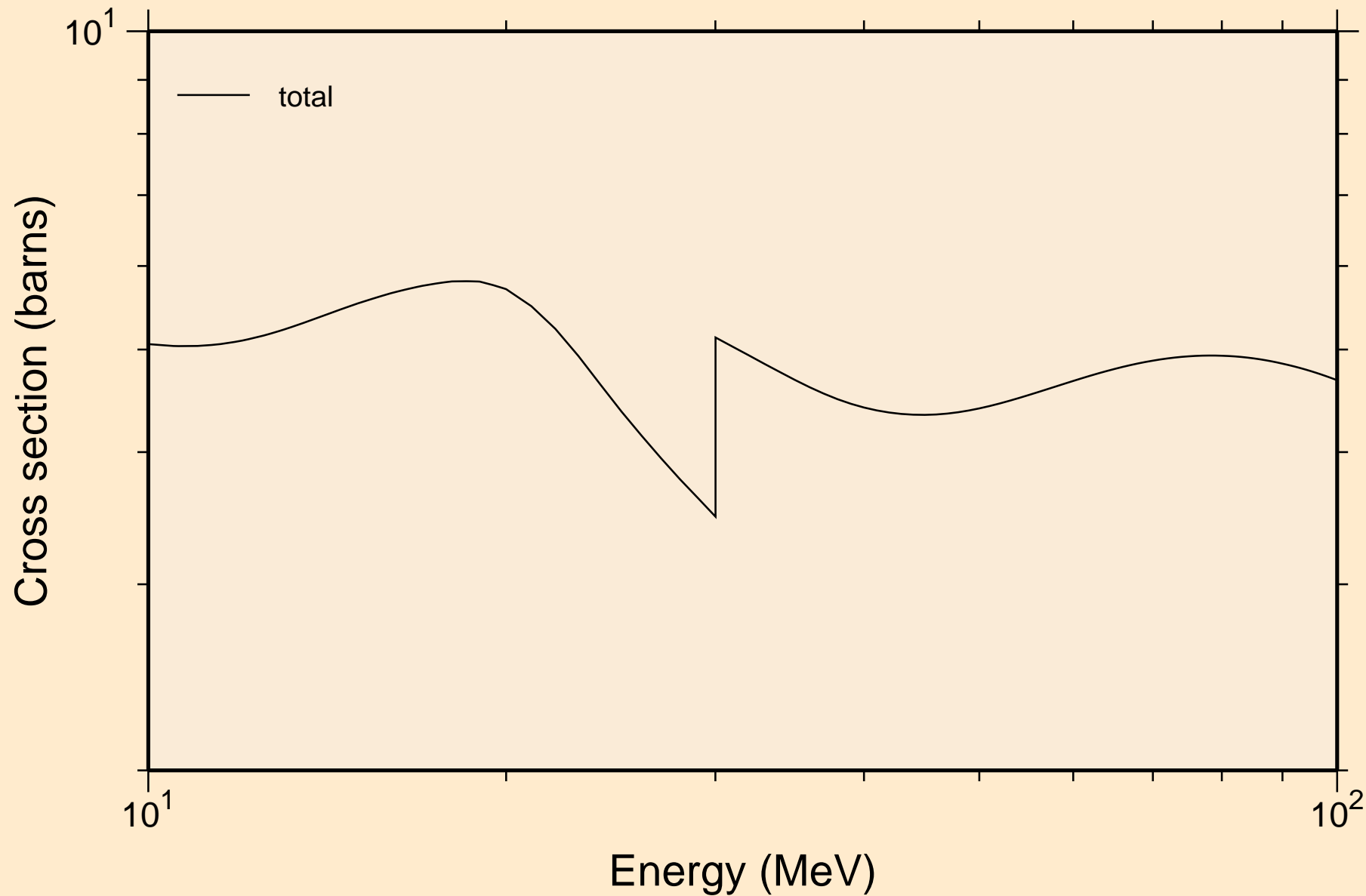
HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



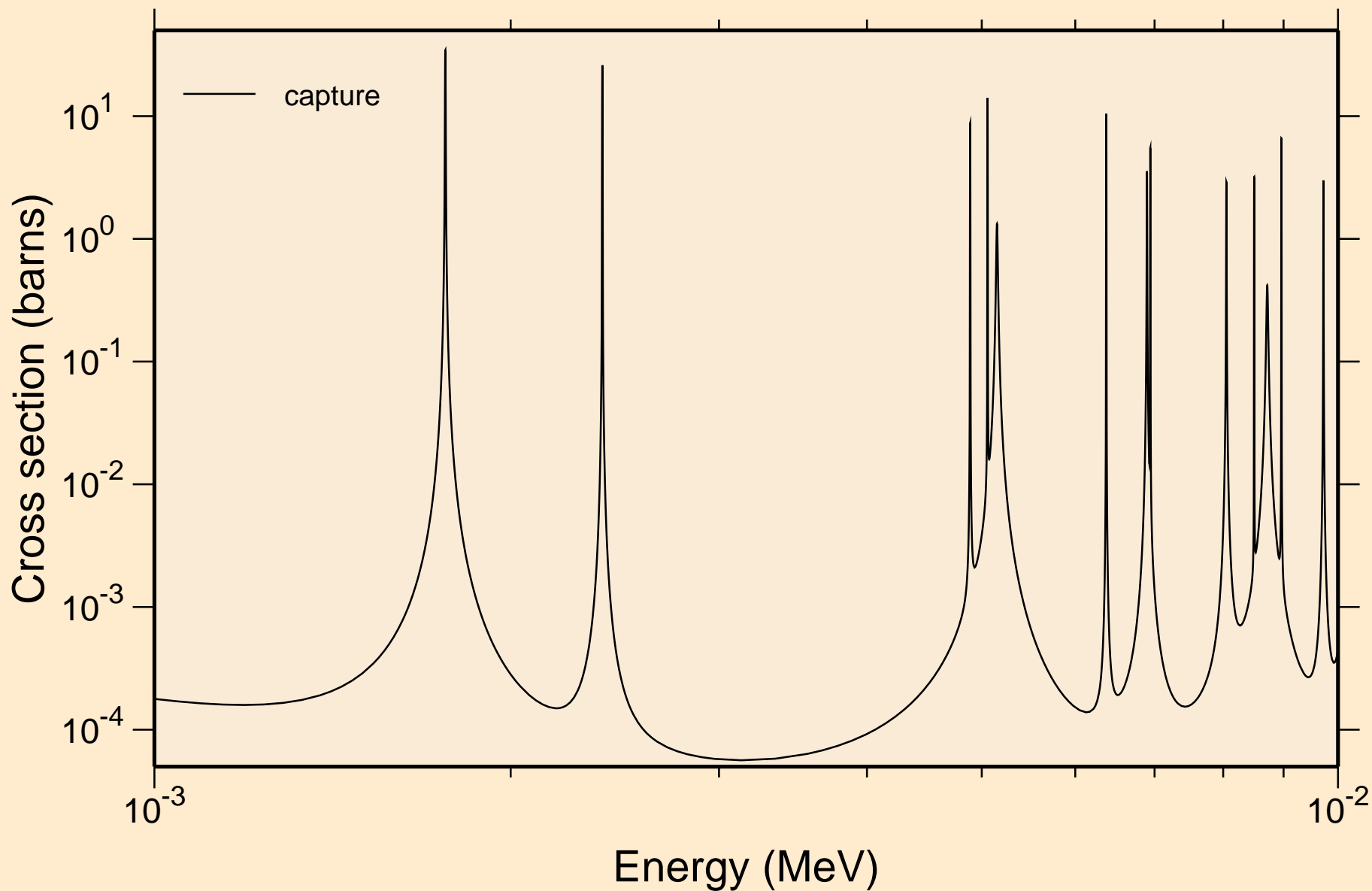
HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



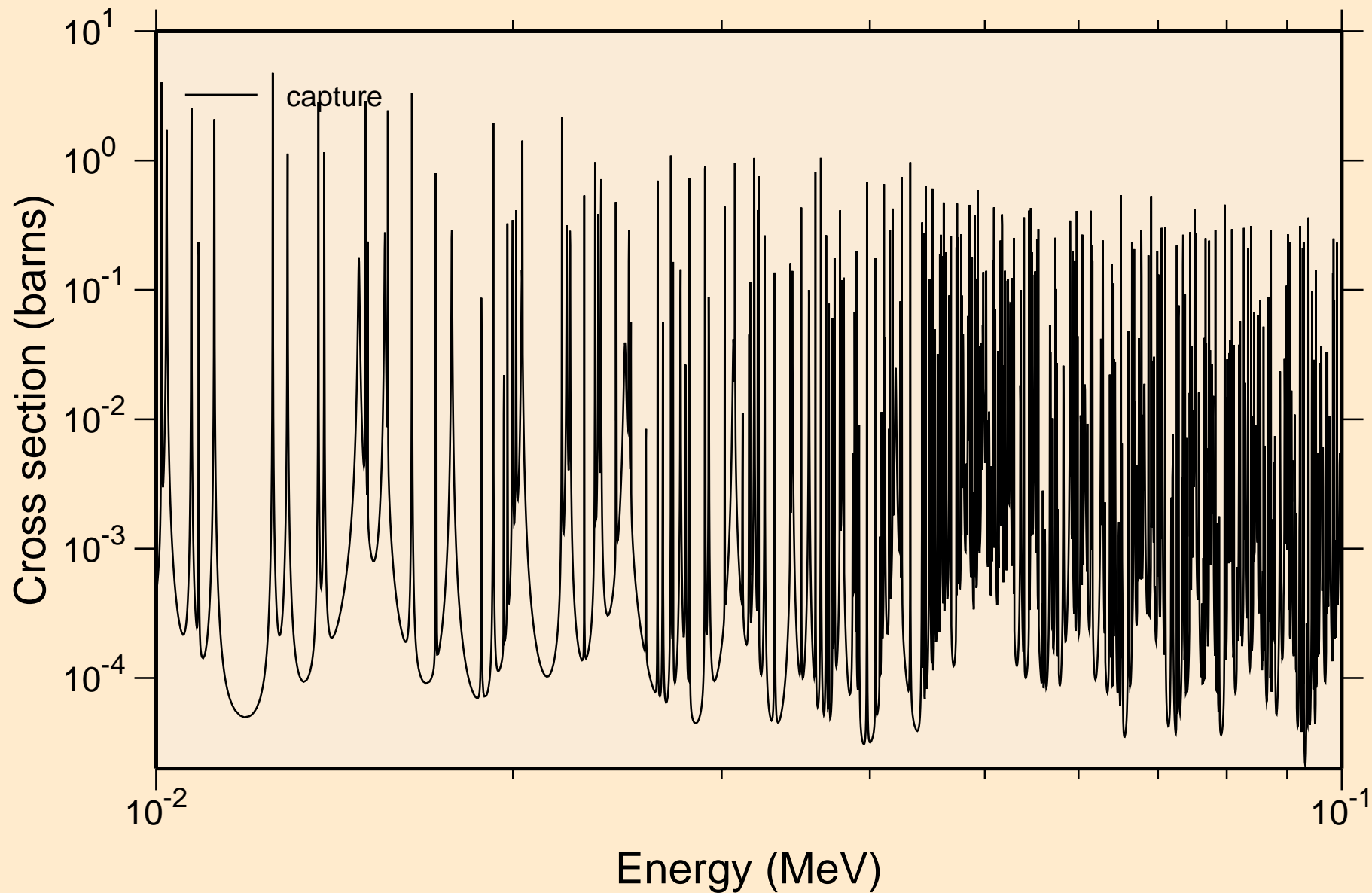
HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



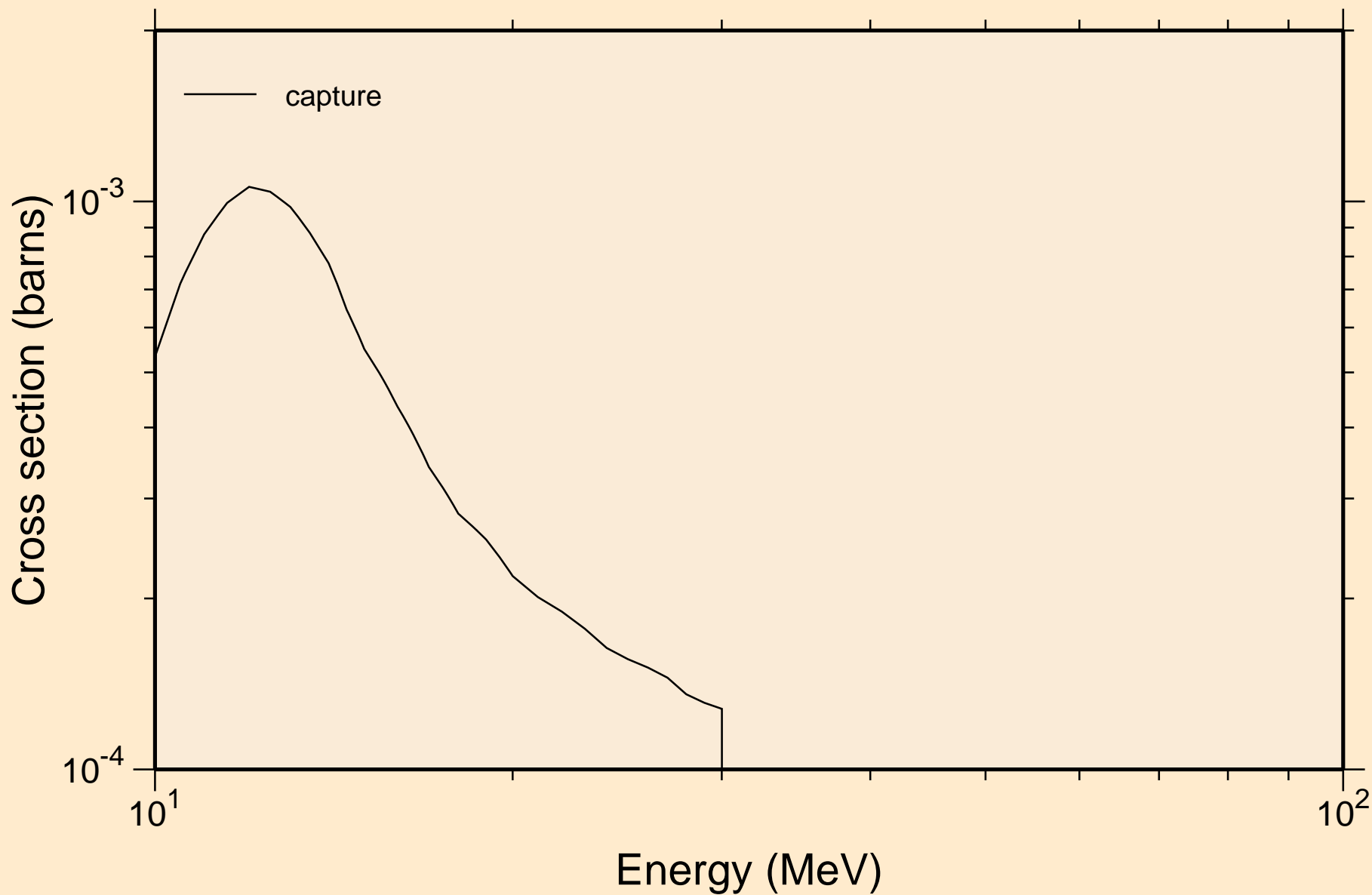
HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



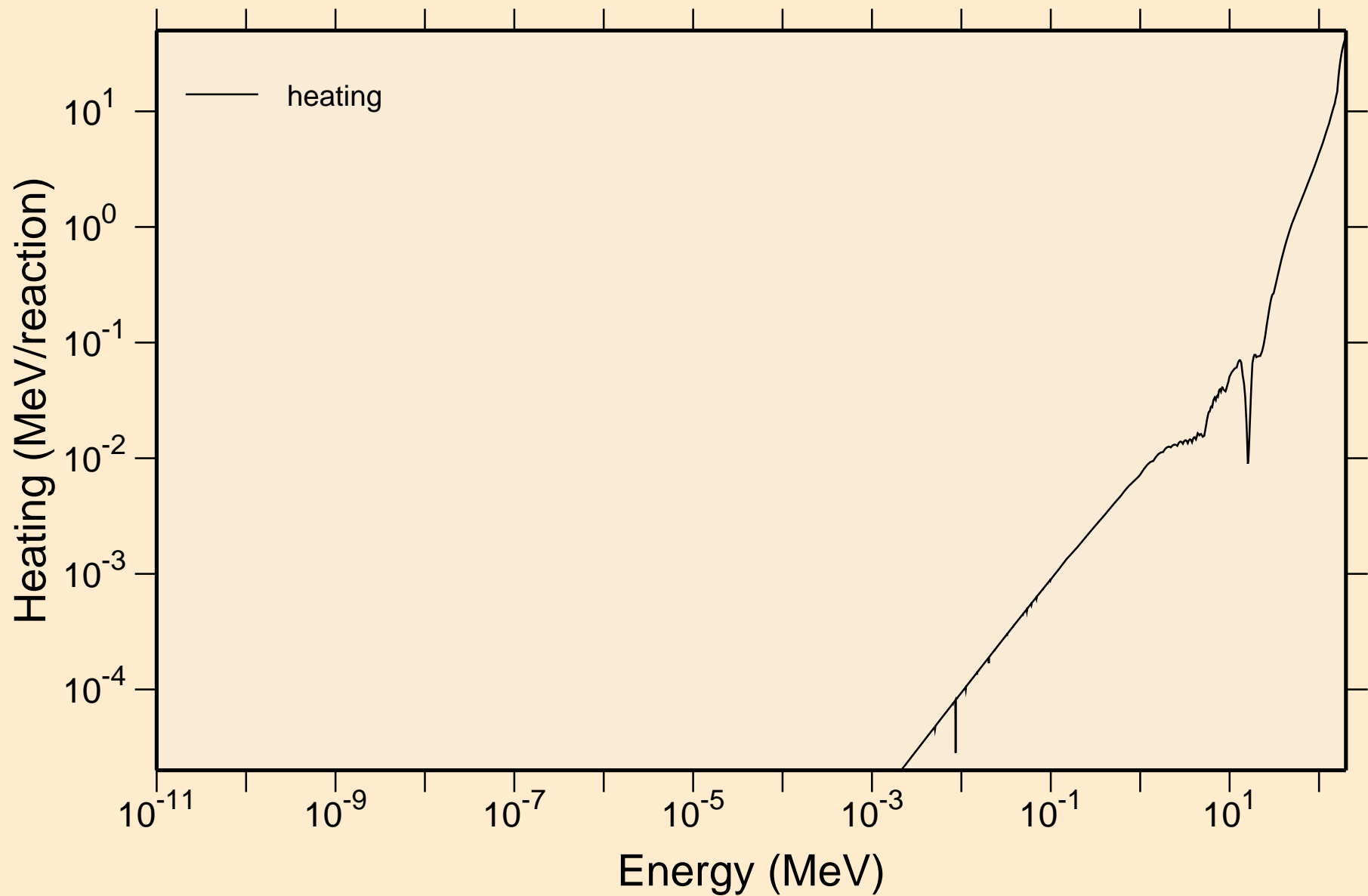
HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections

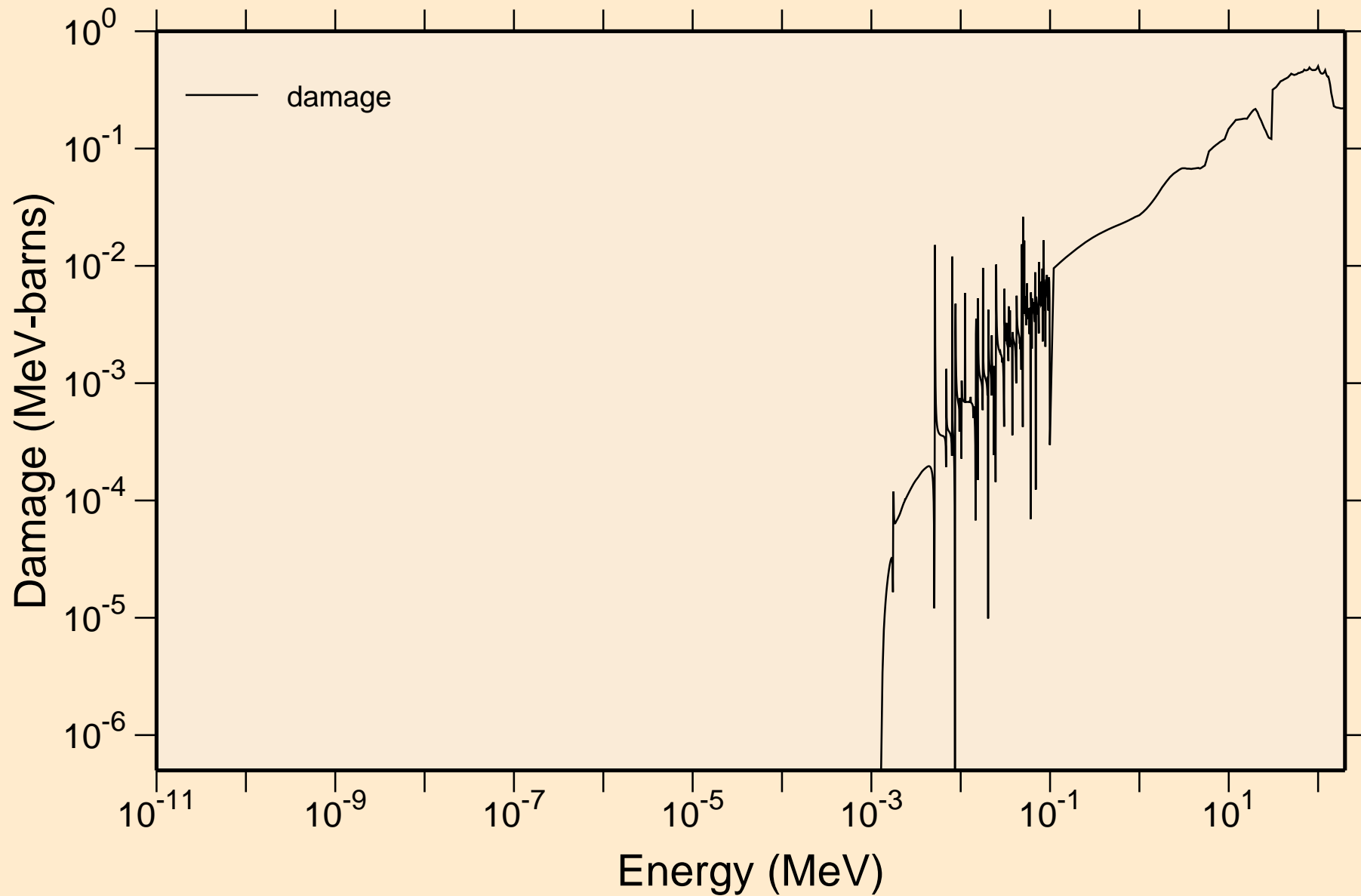


# HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K Heating

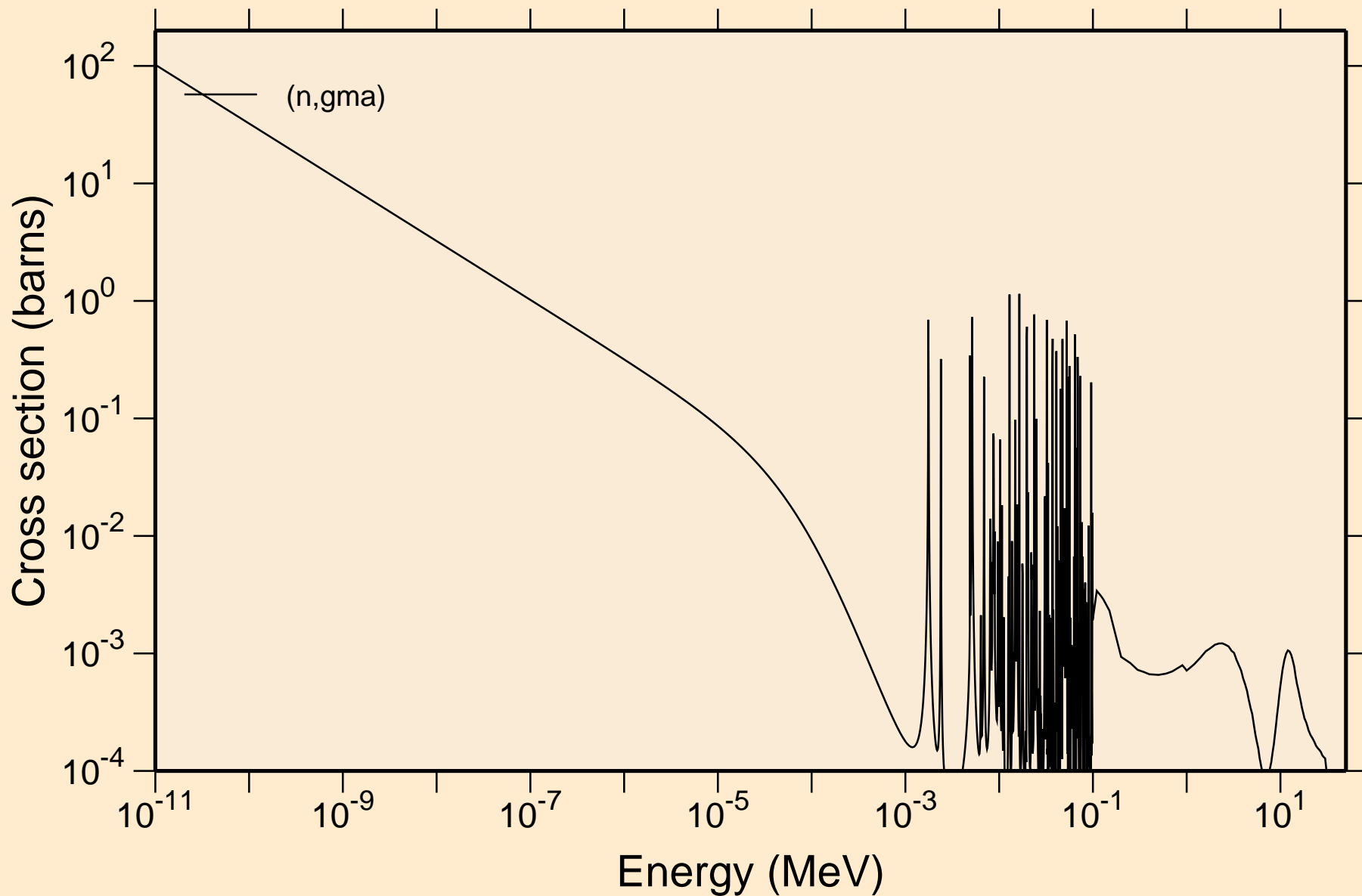




# HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K Damage

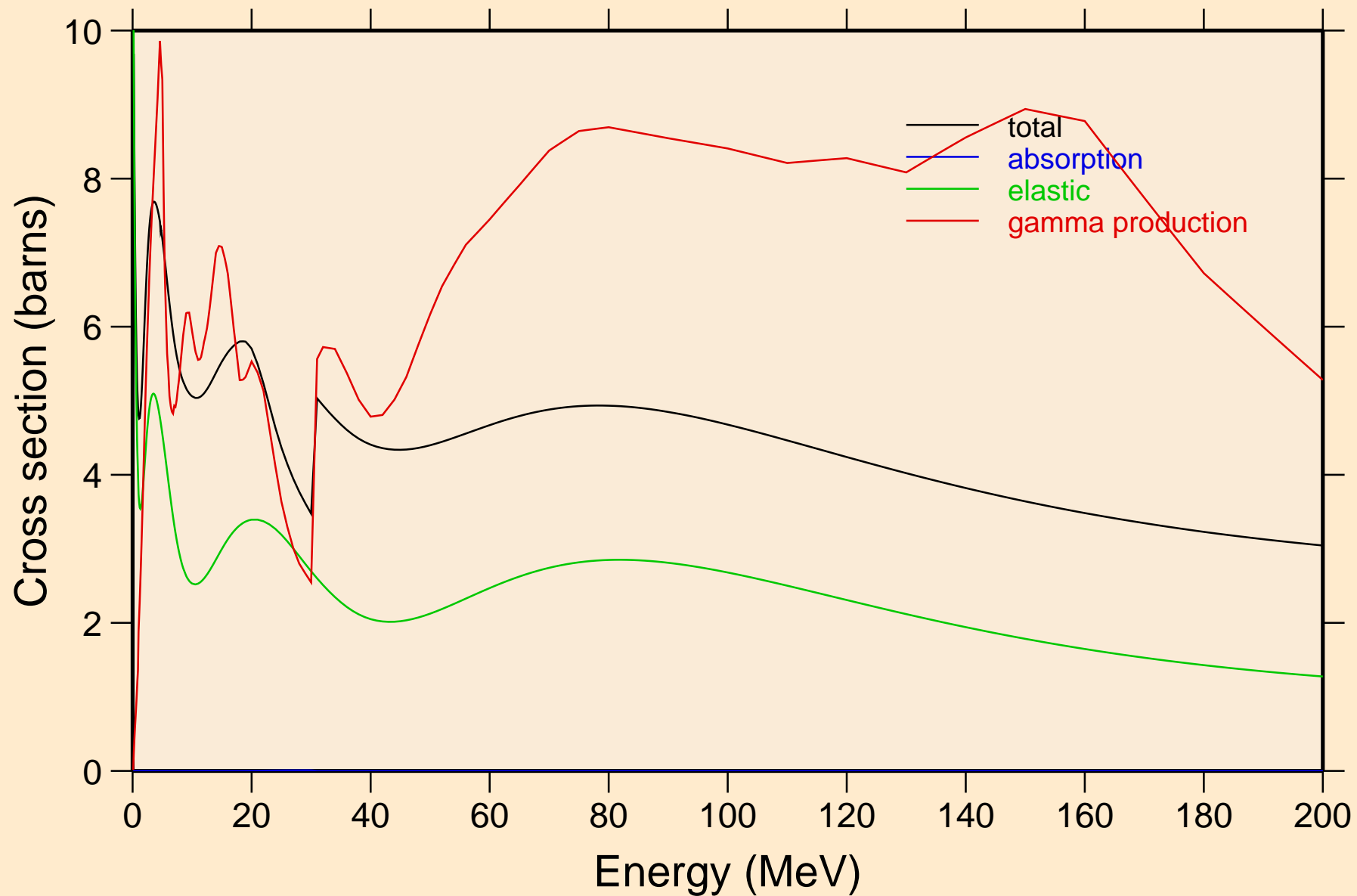


HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions

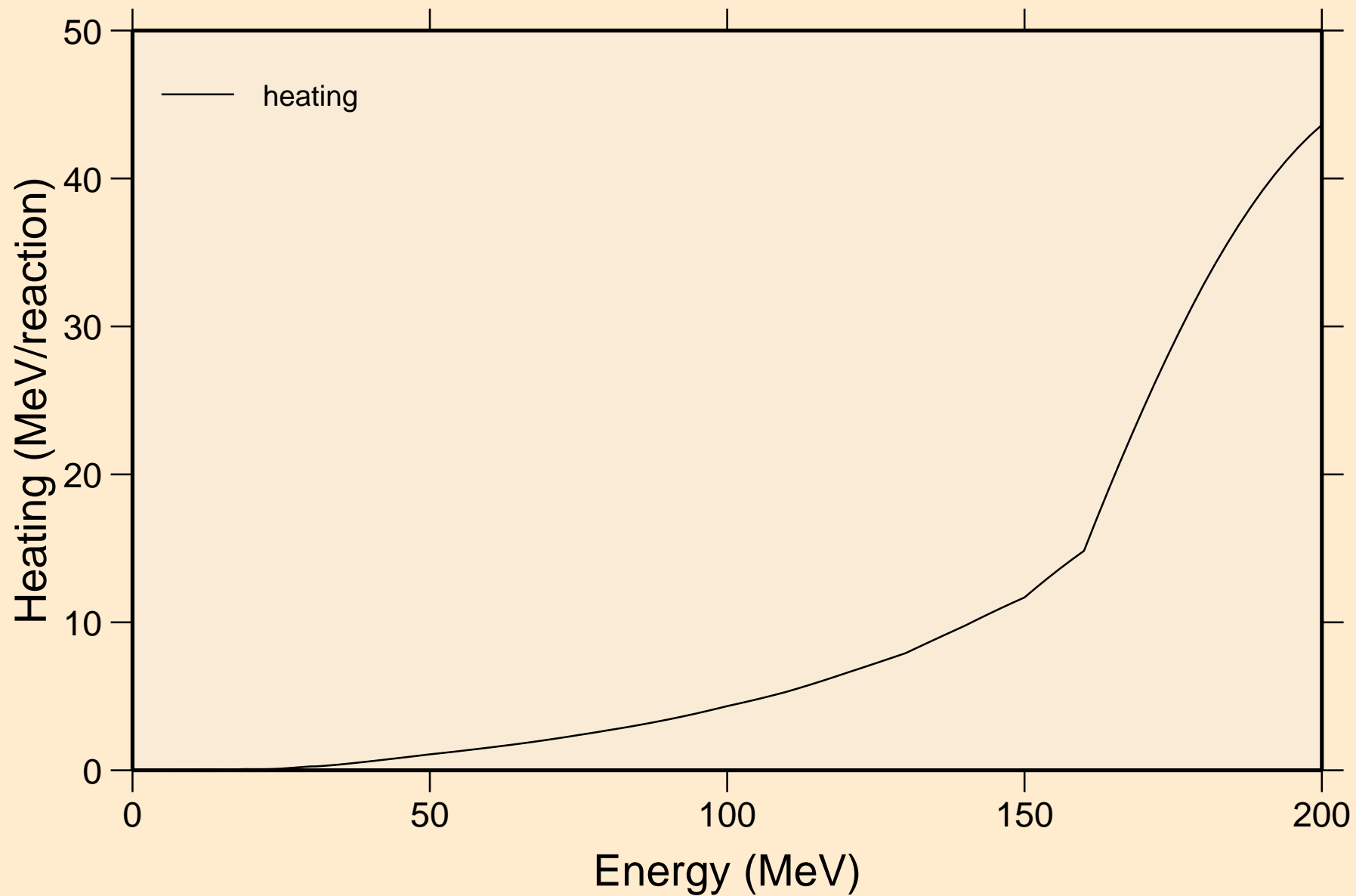


# HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

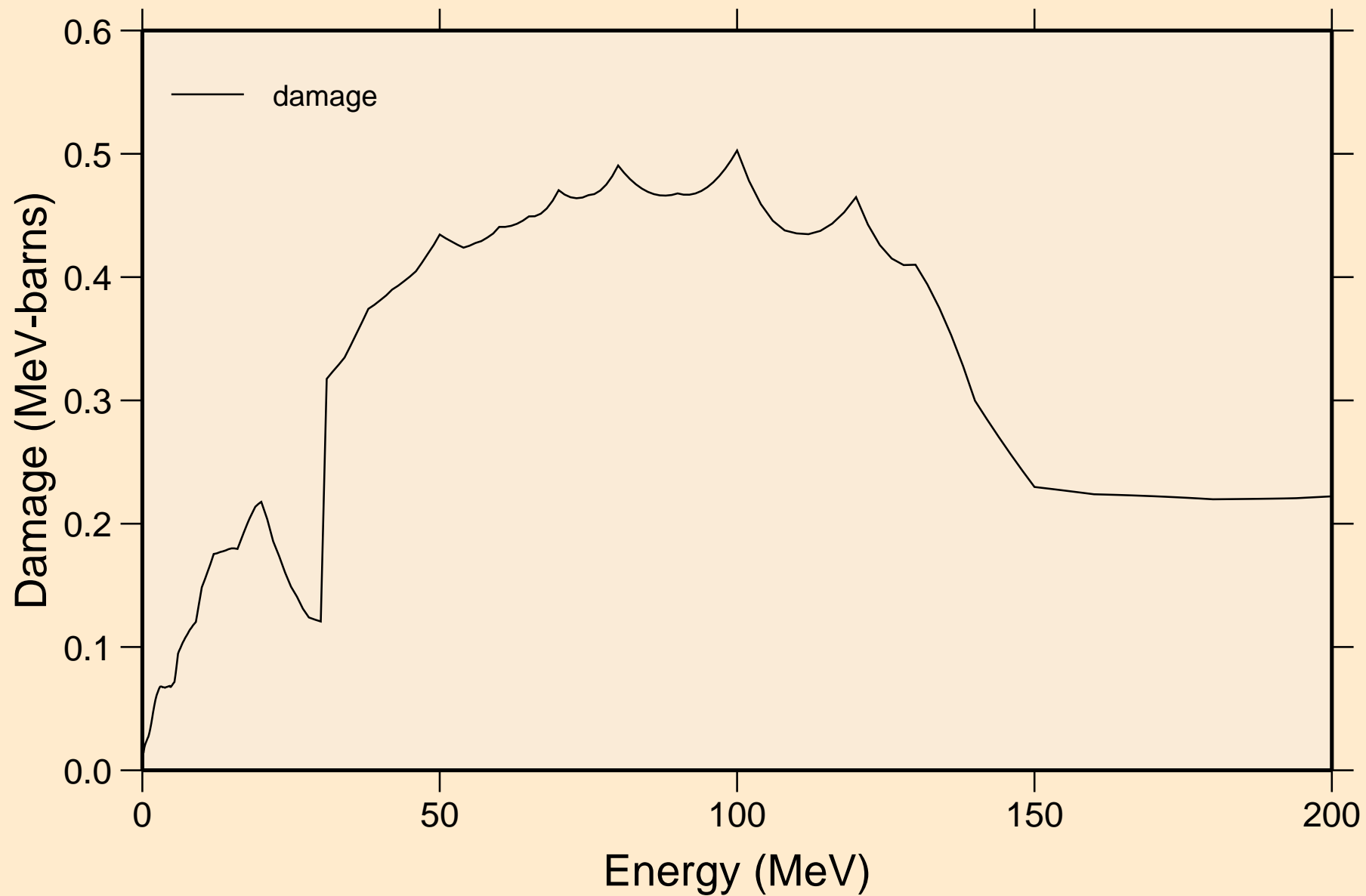
## Principal cross sections



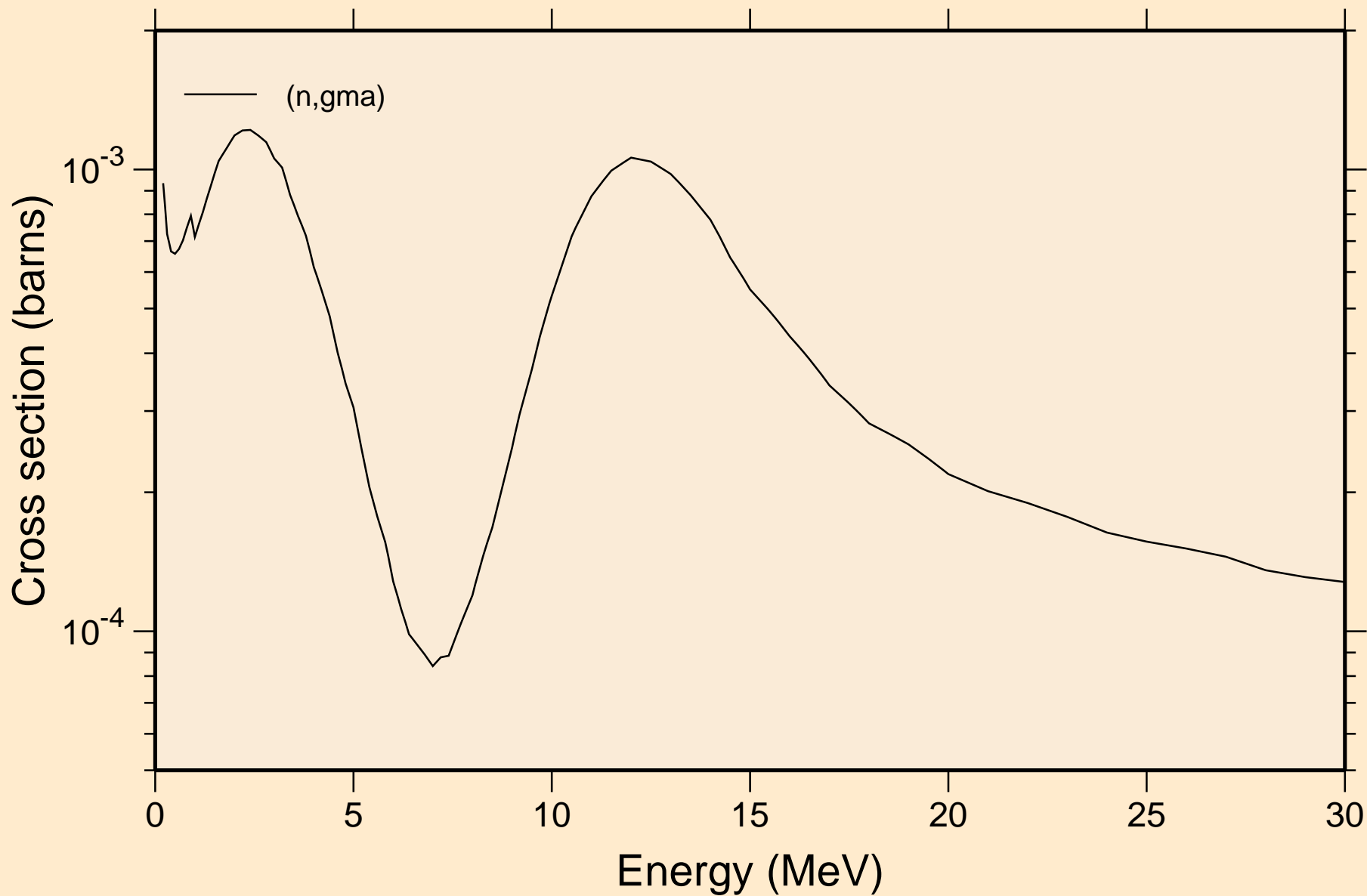
HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating



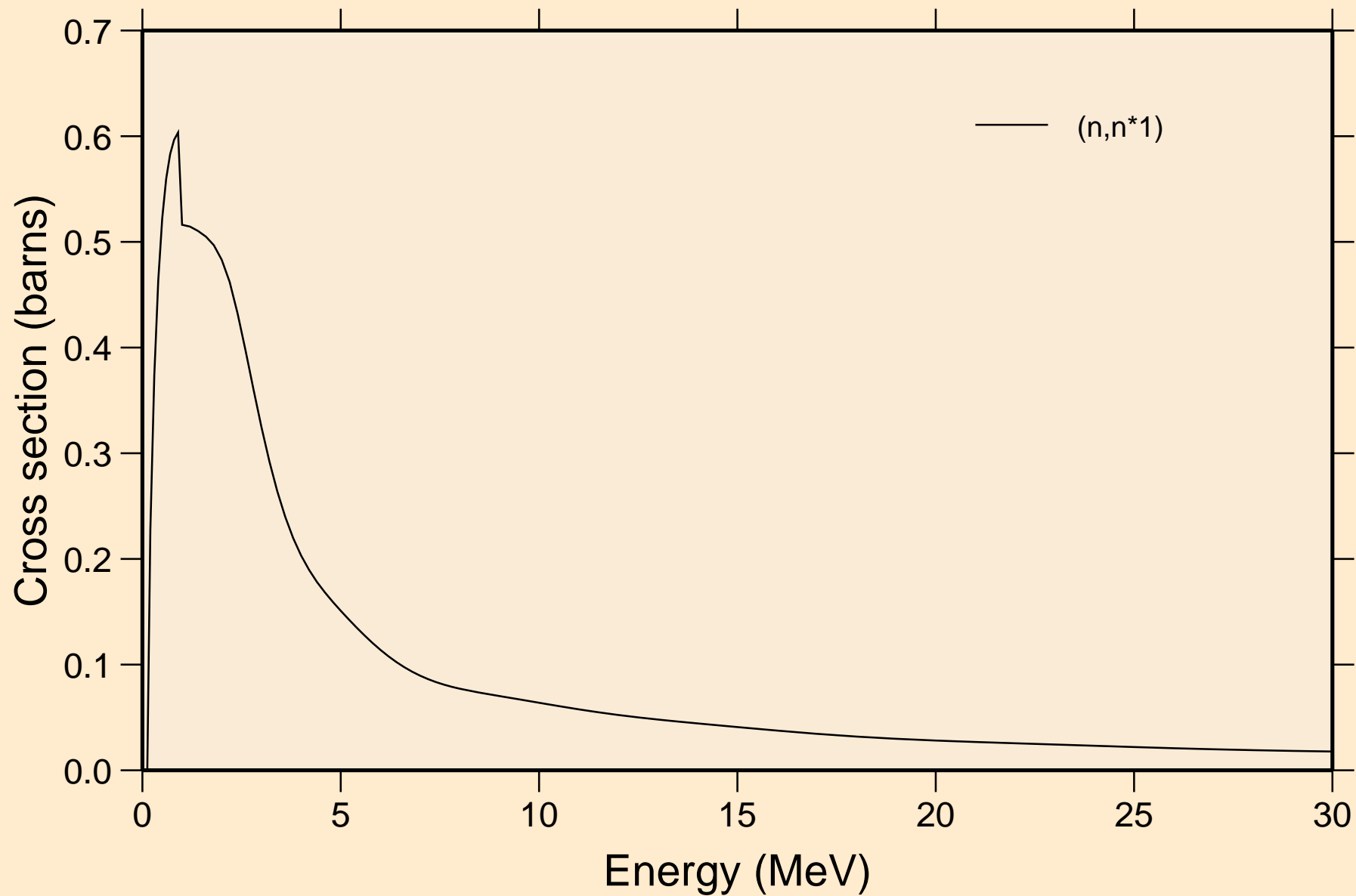
# HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K Damage



HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions

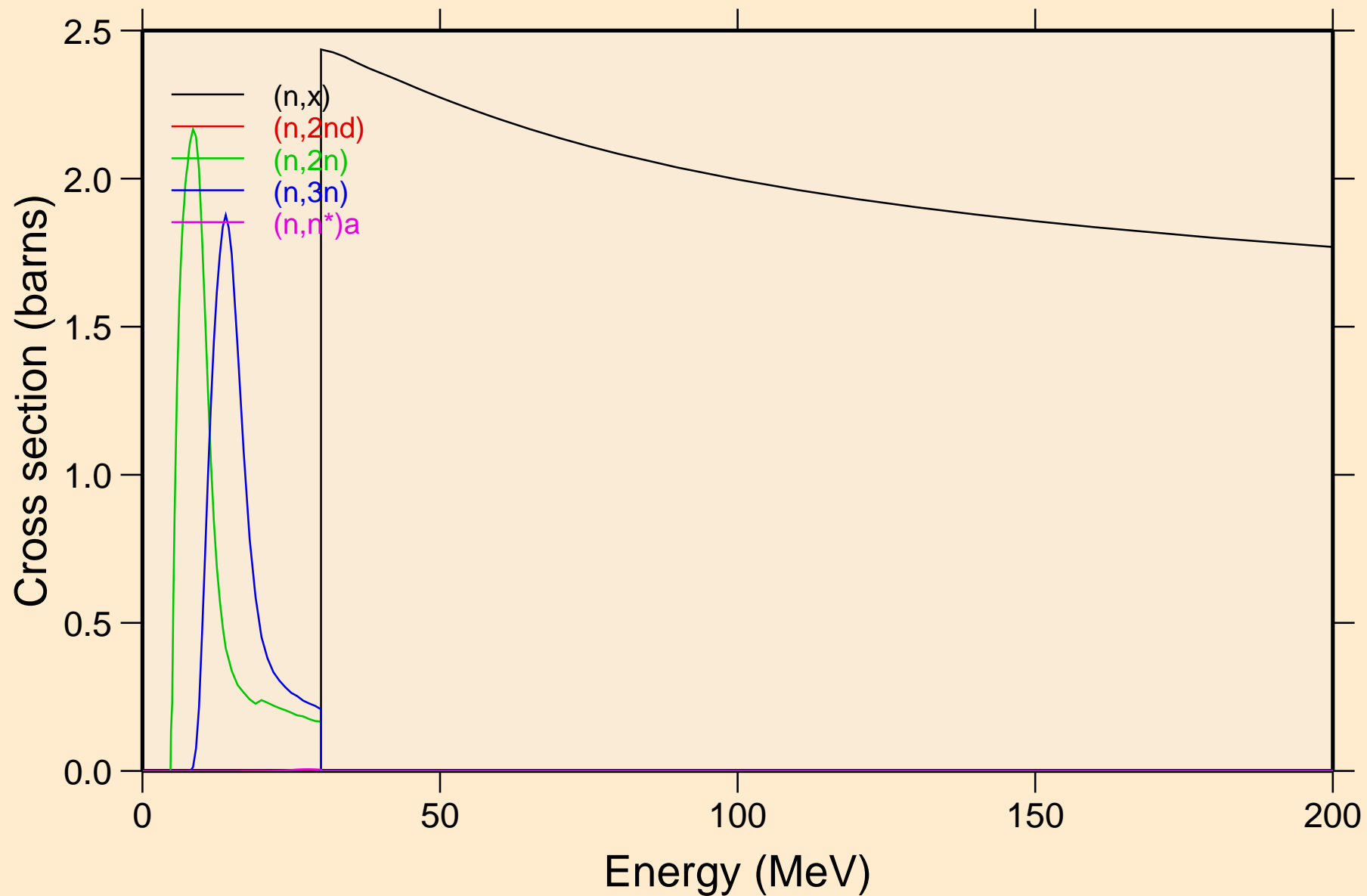


HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



# HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

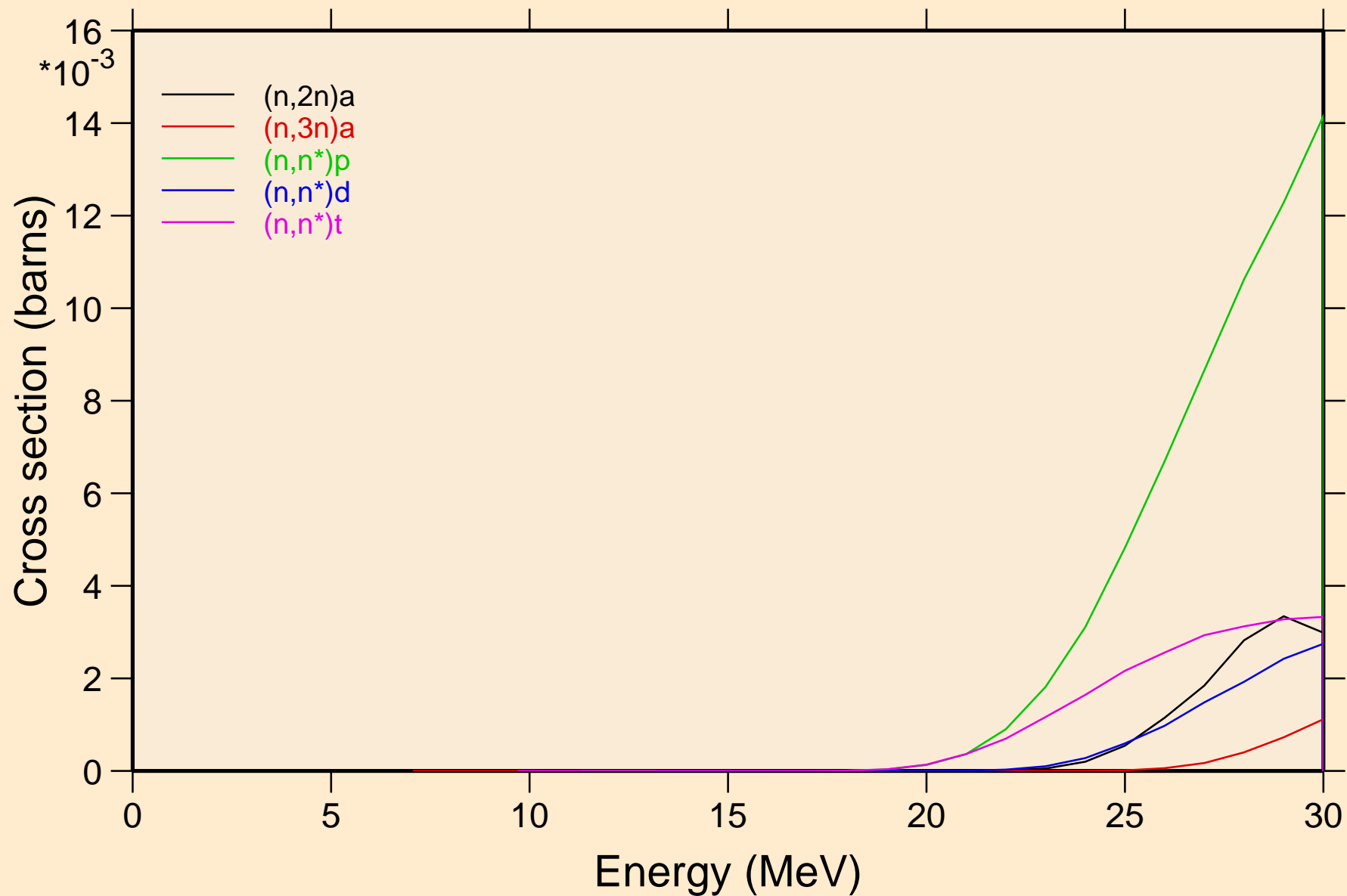
## Threshold reactions



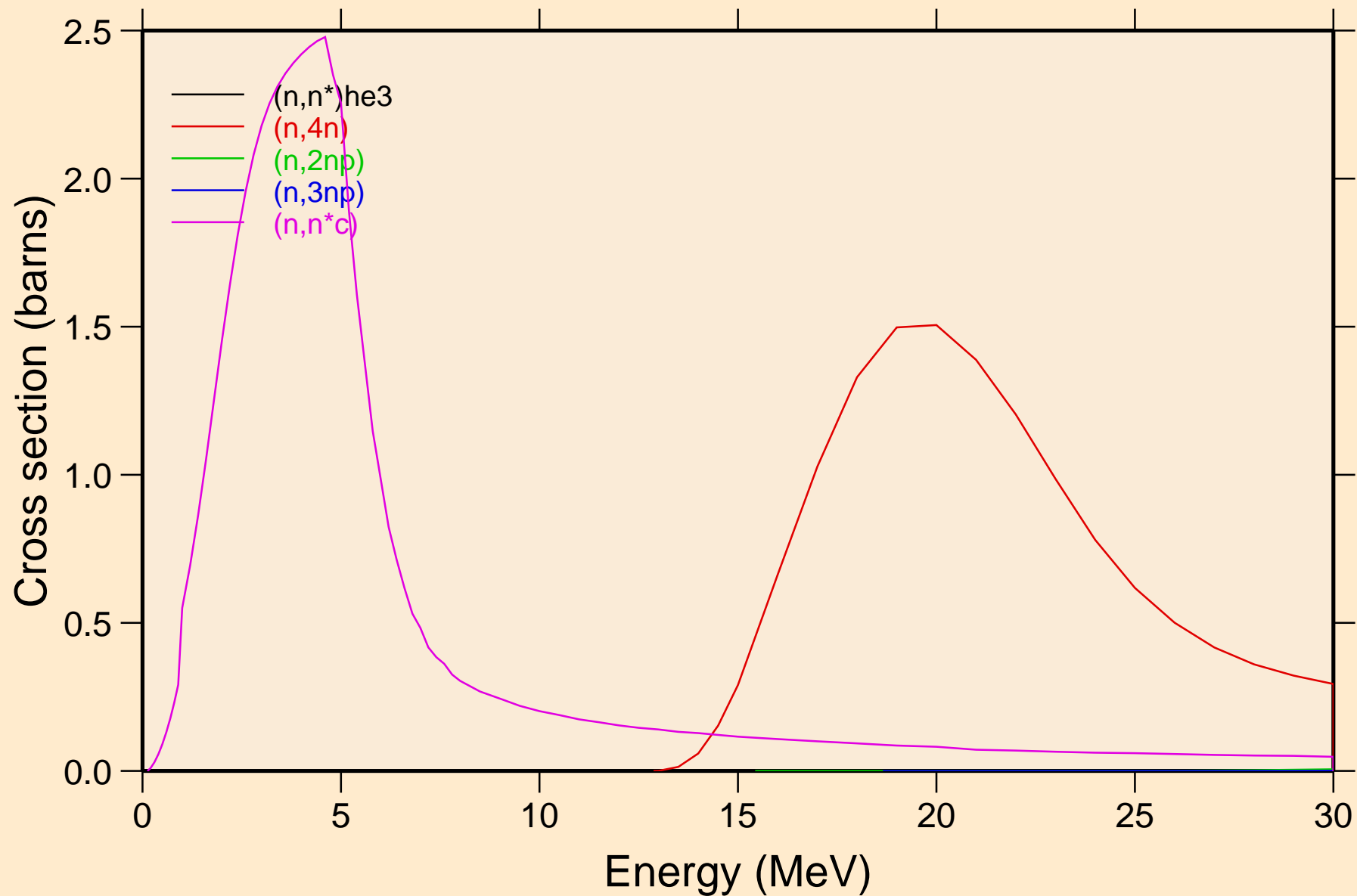


# HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

## Threshold reactions

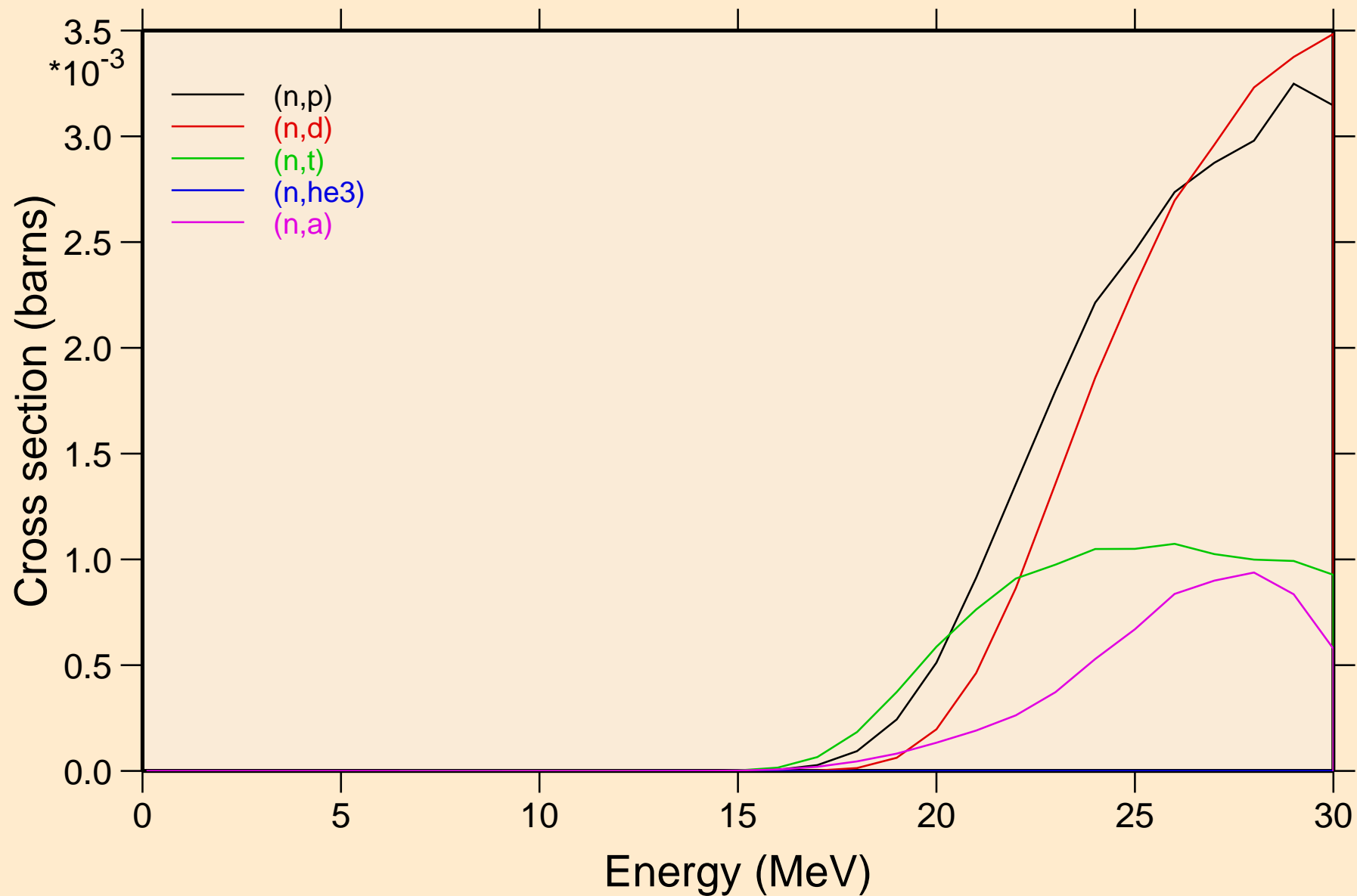


HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



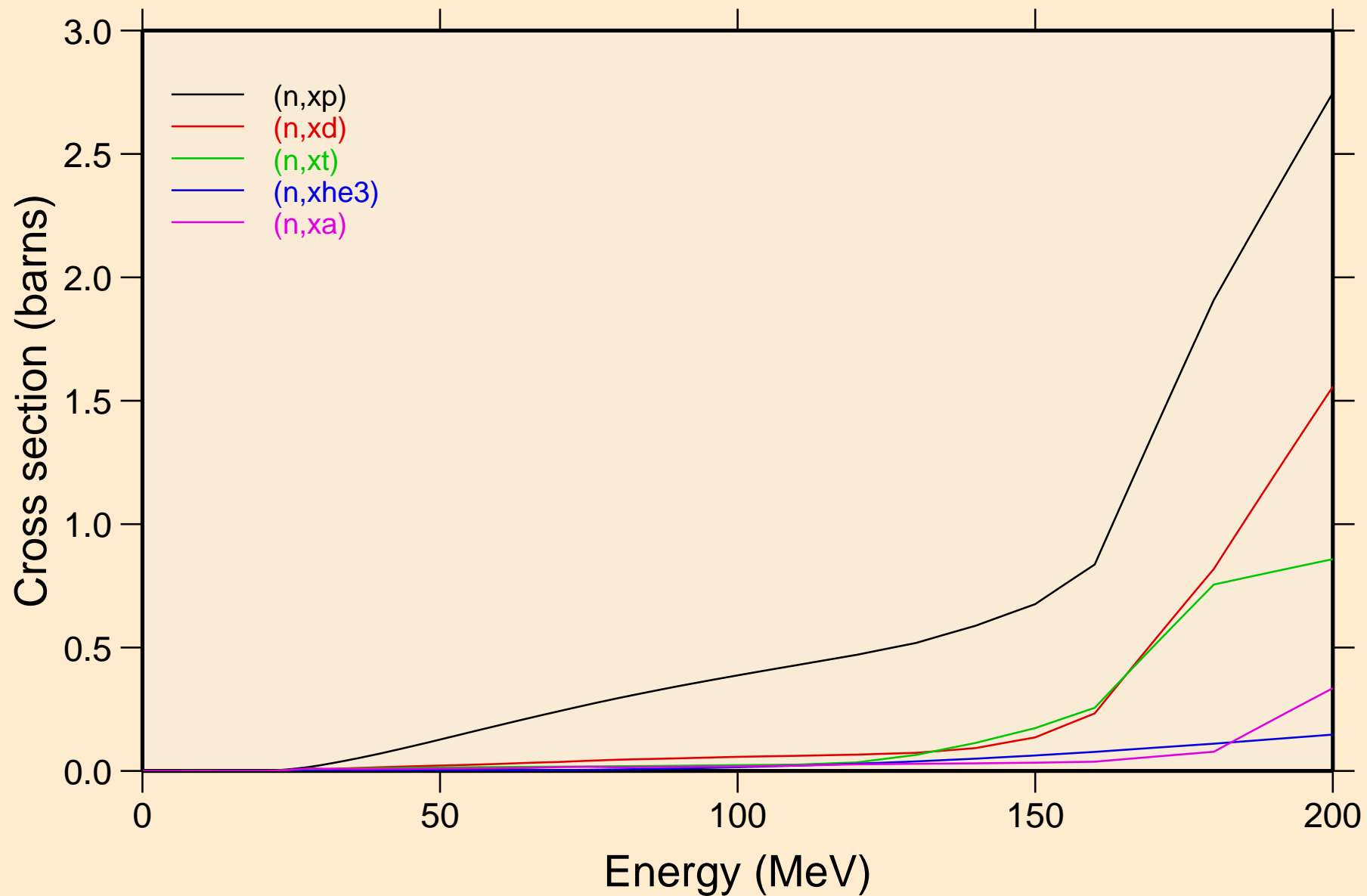
# HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

## Threshold reactions

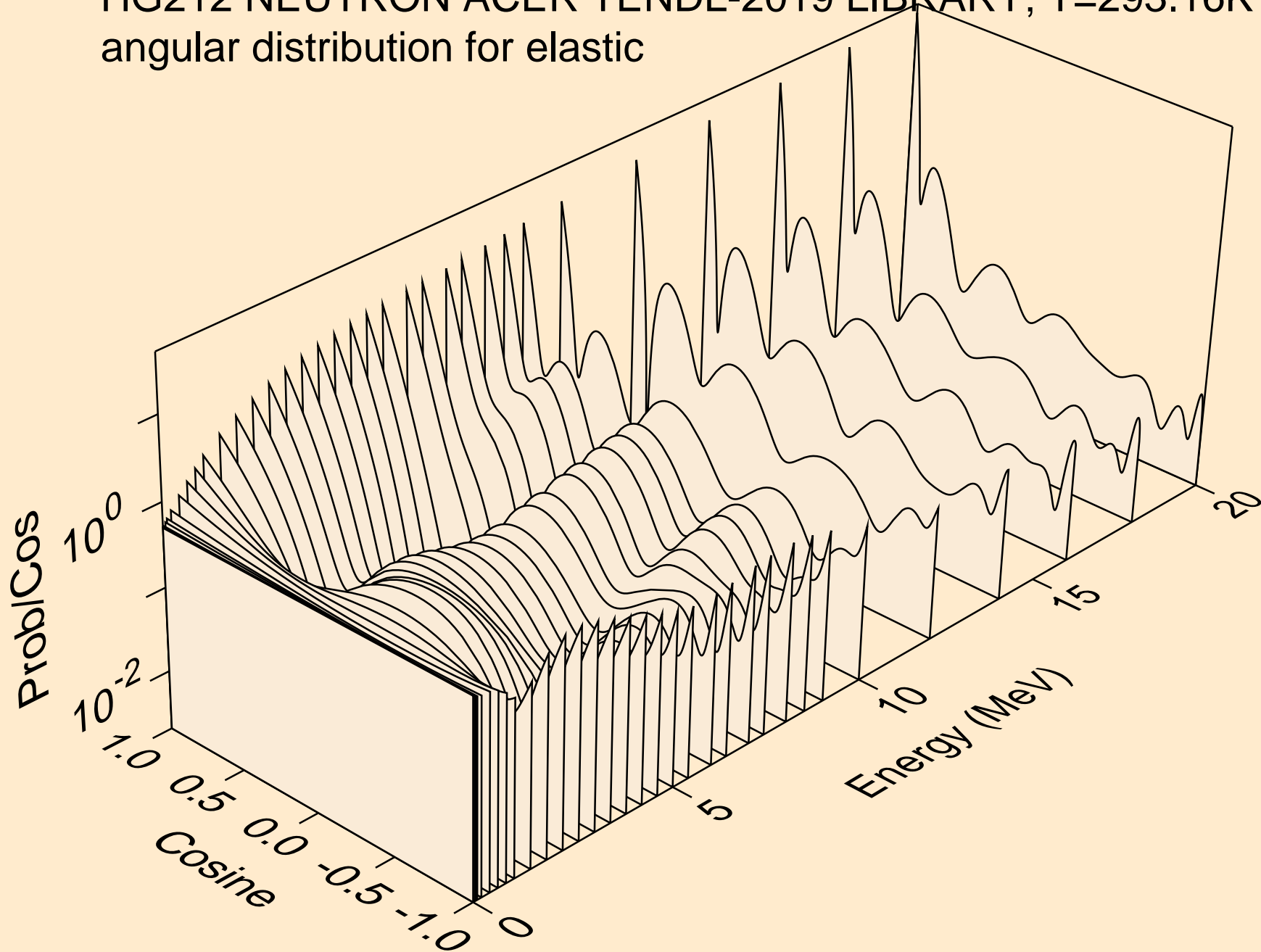


# HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

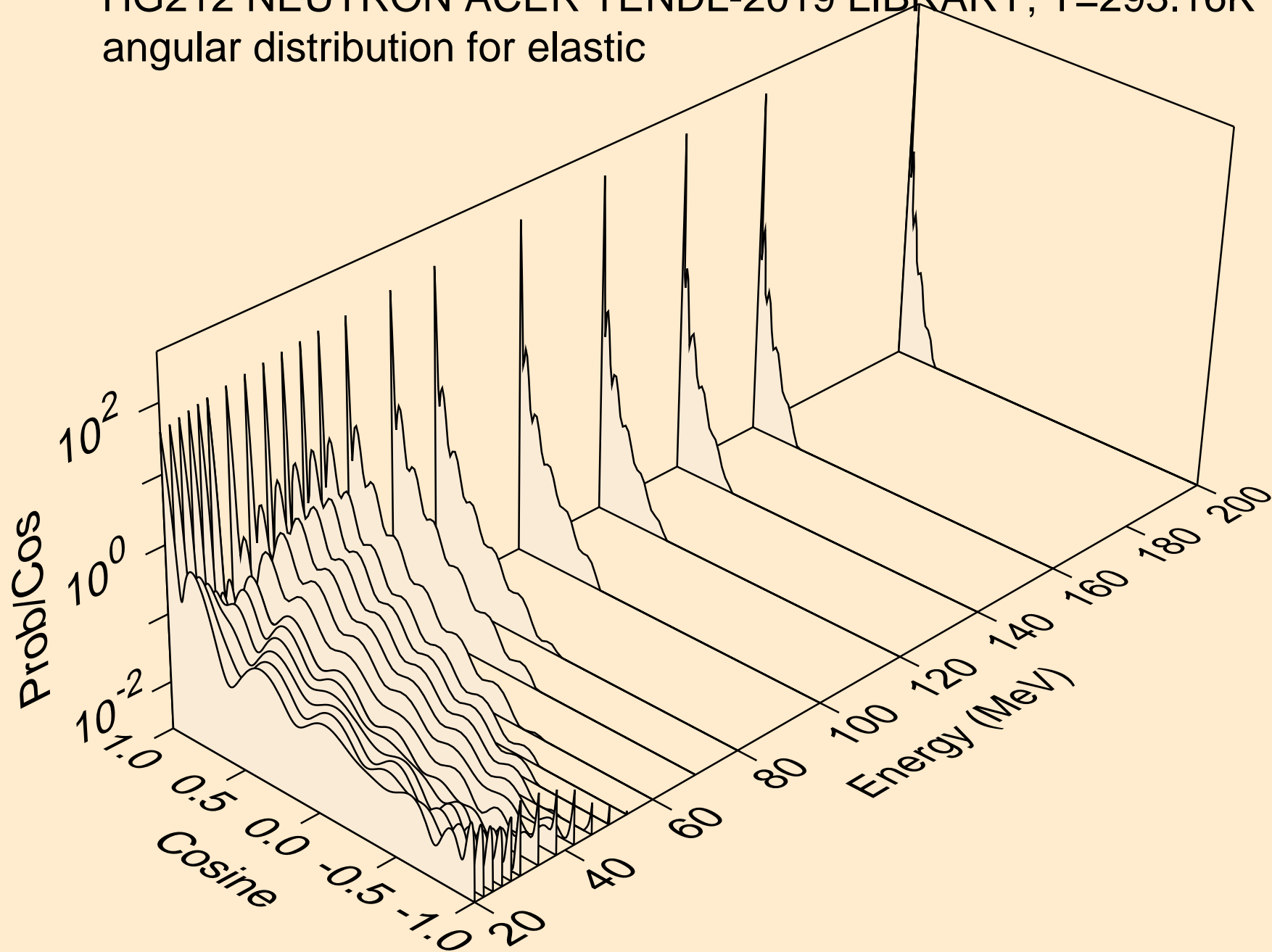
## Threshold reactions



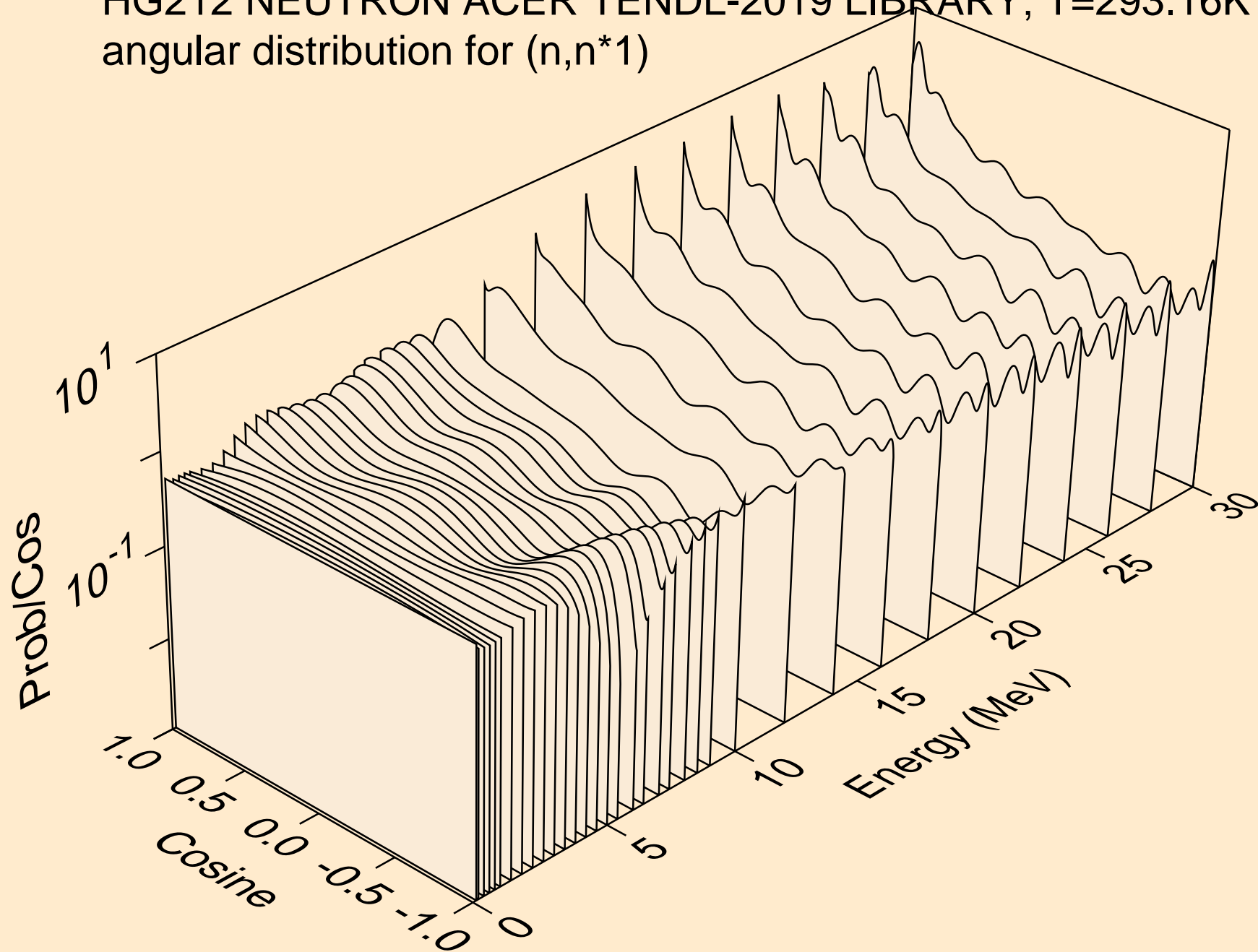
HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic



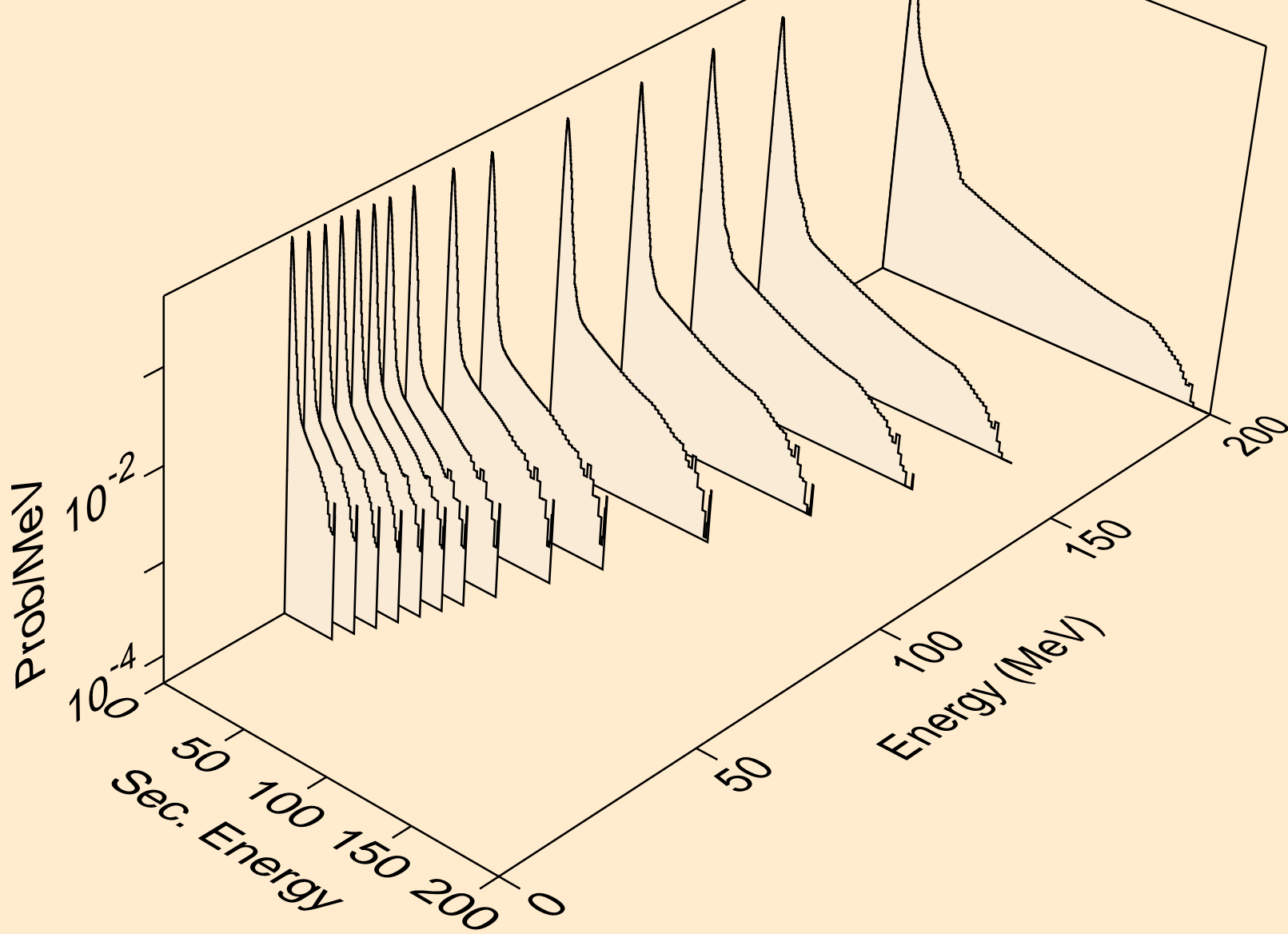
HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic



HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*1)

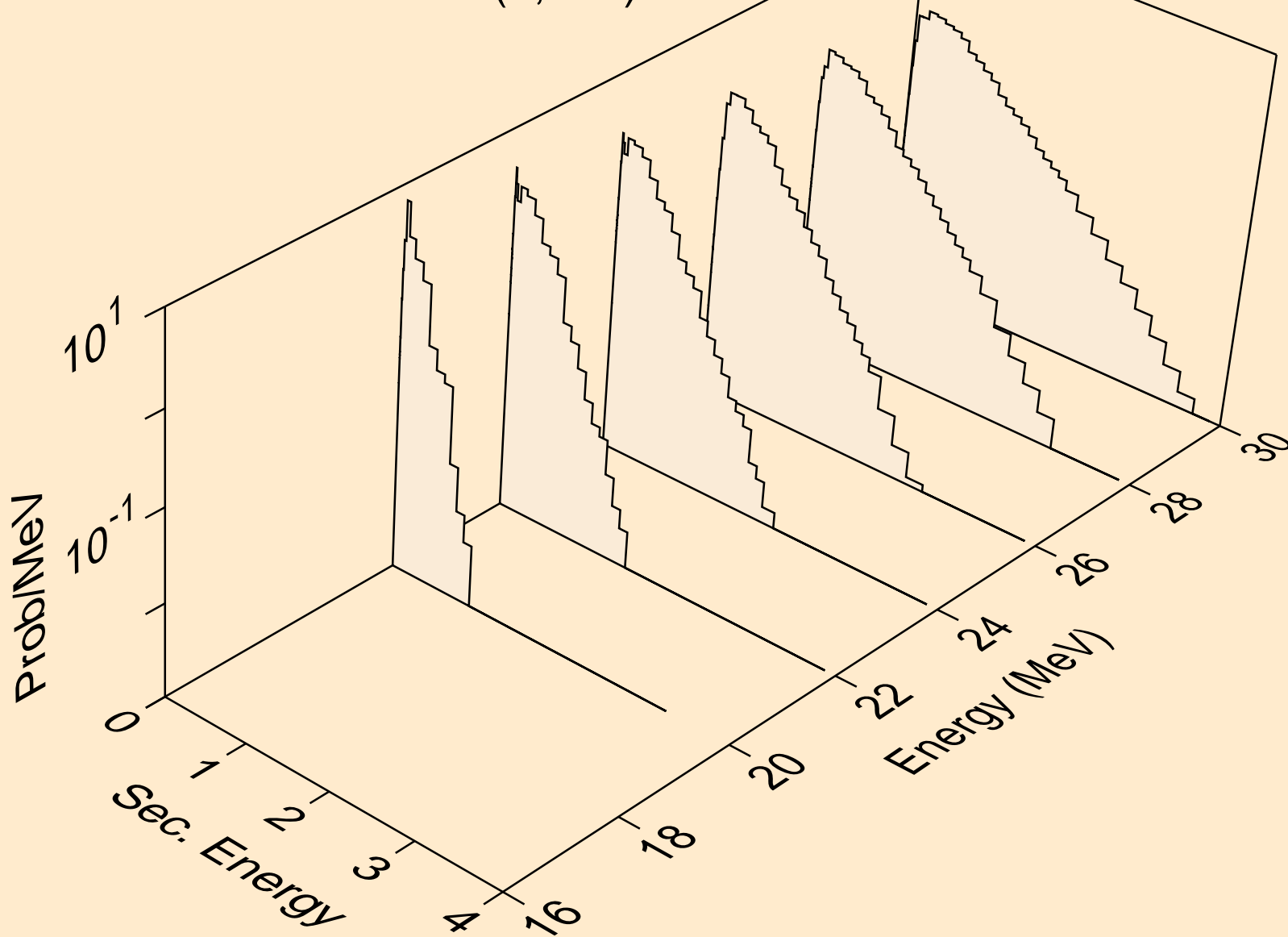


HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,x)

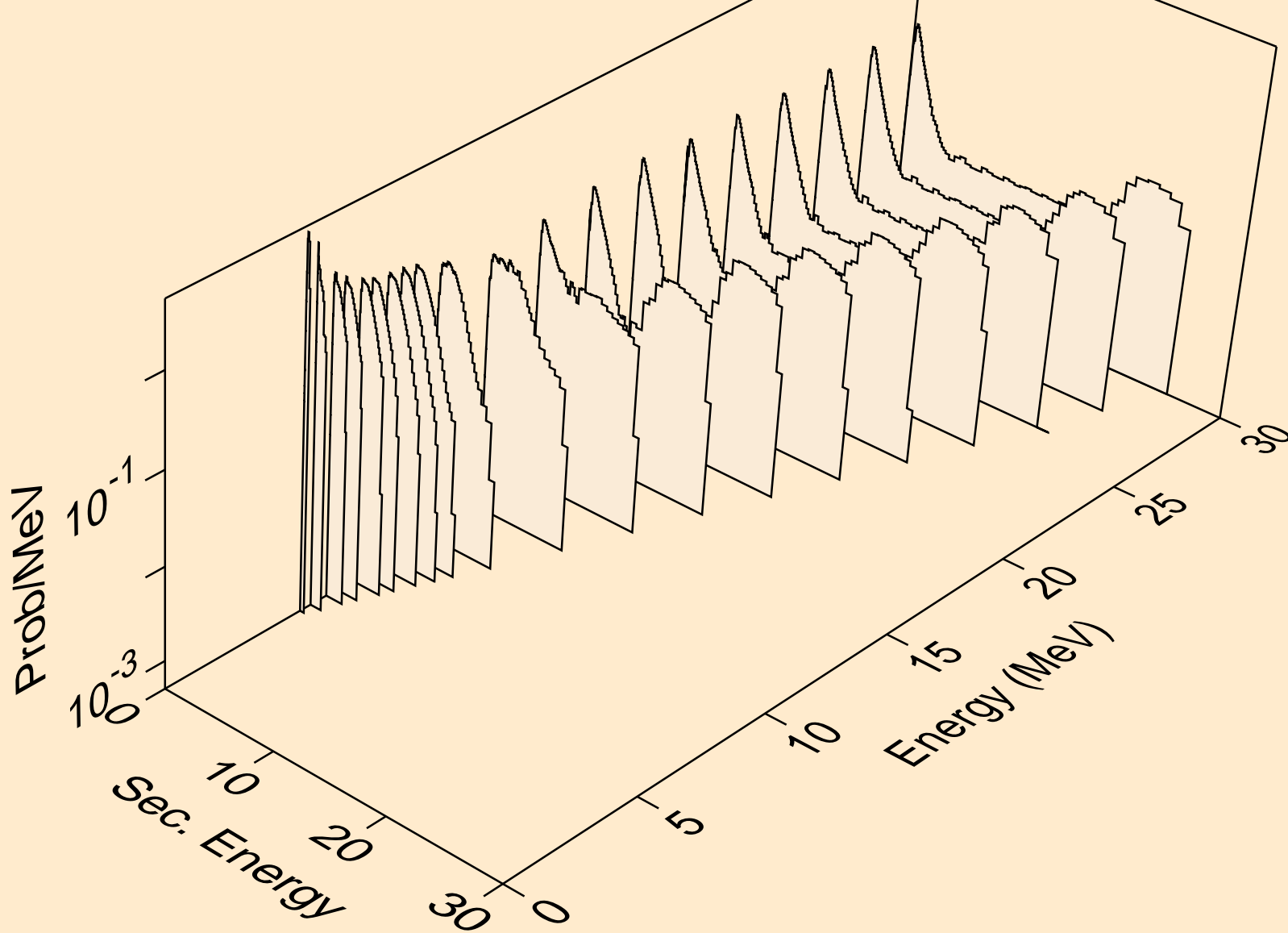




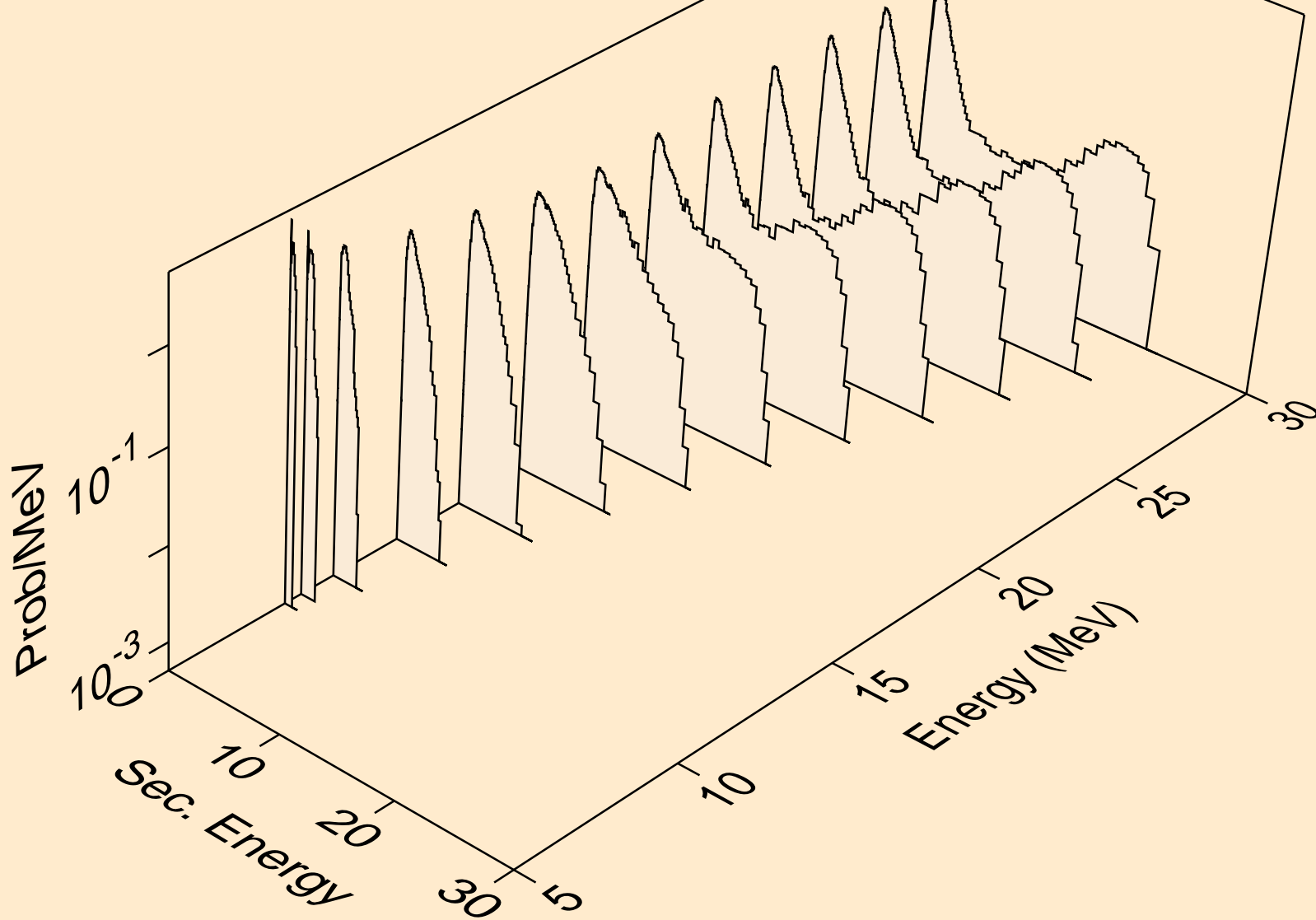
HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2nd)



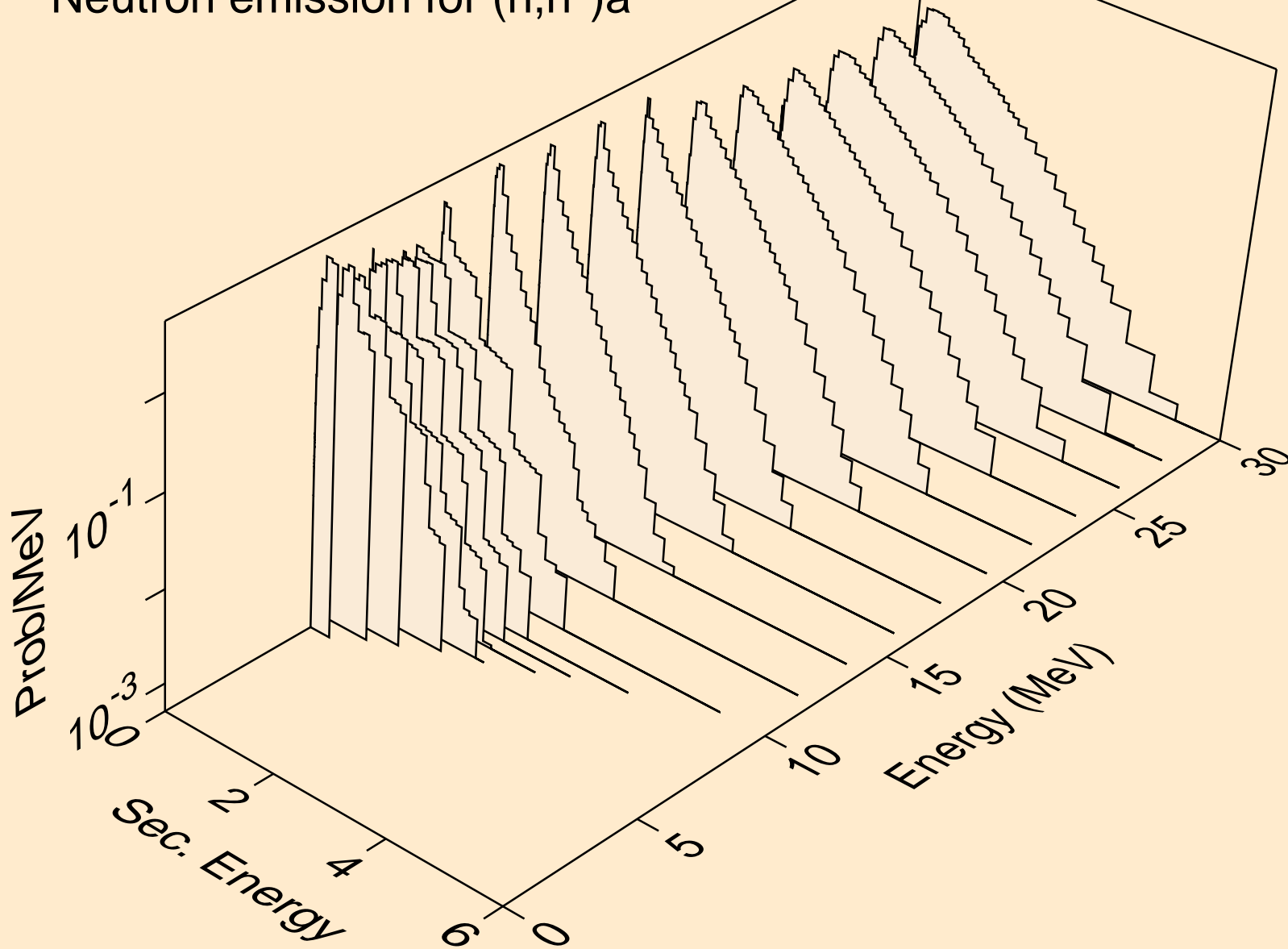
HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)



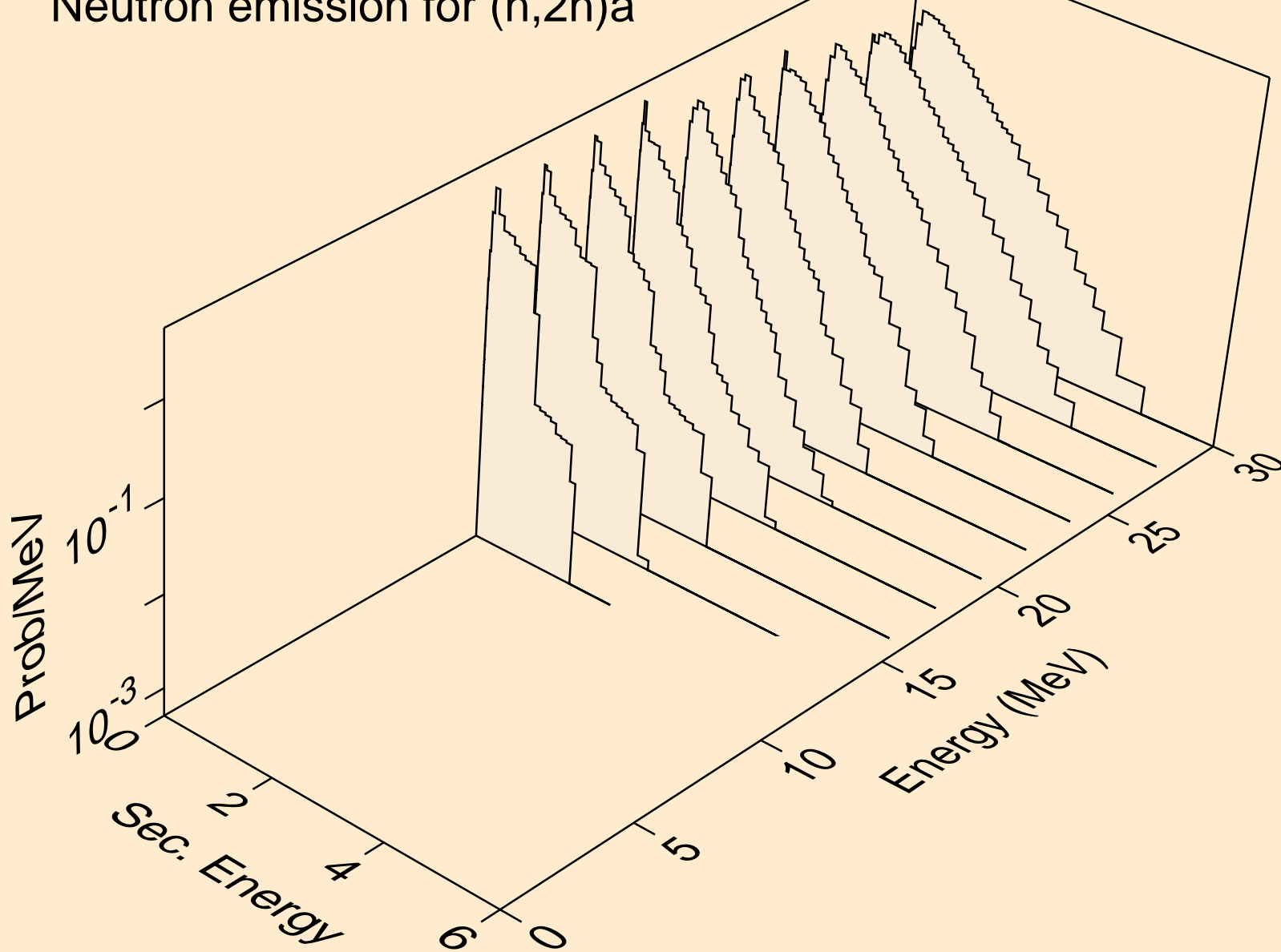
HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)



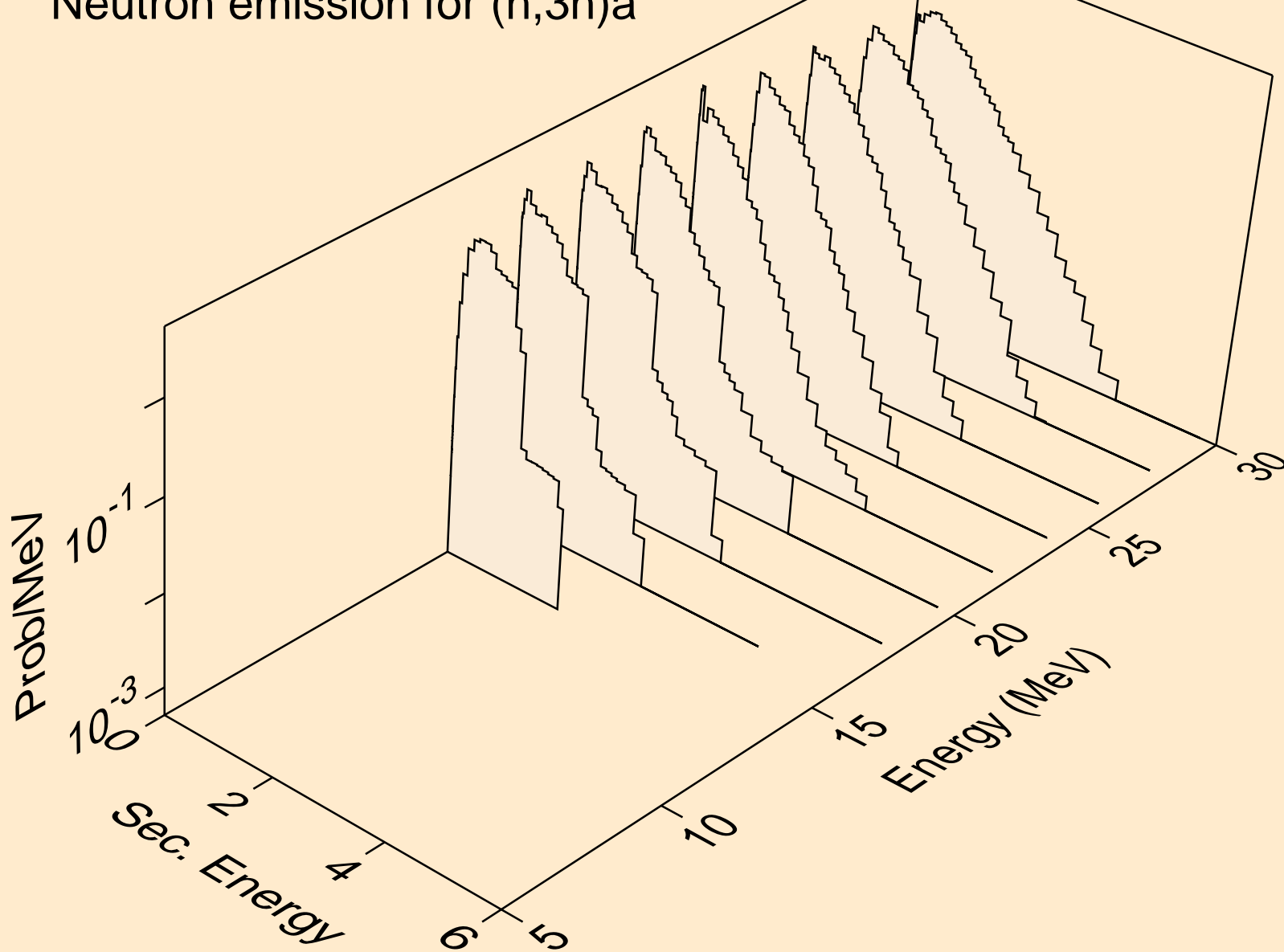
HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)a



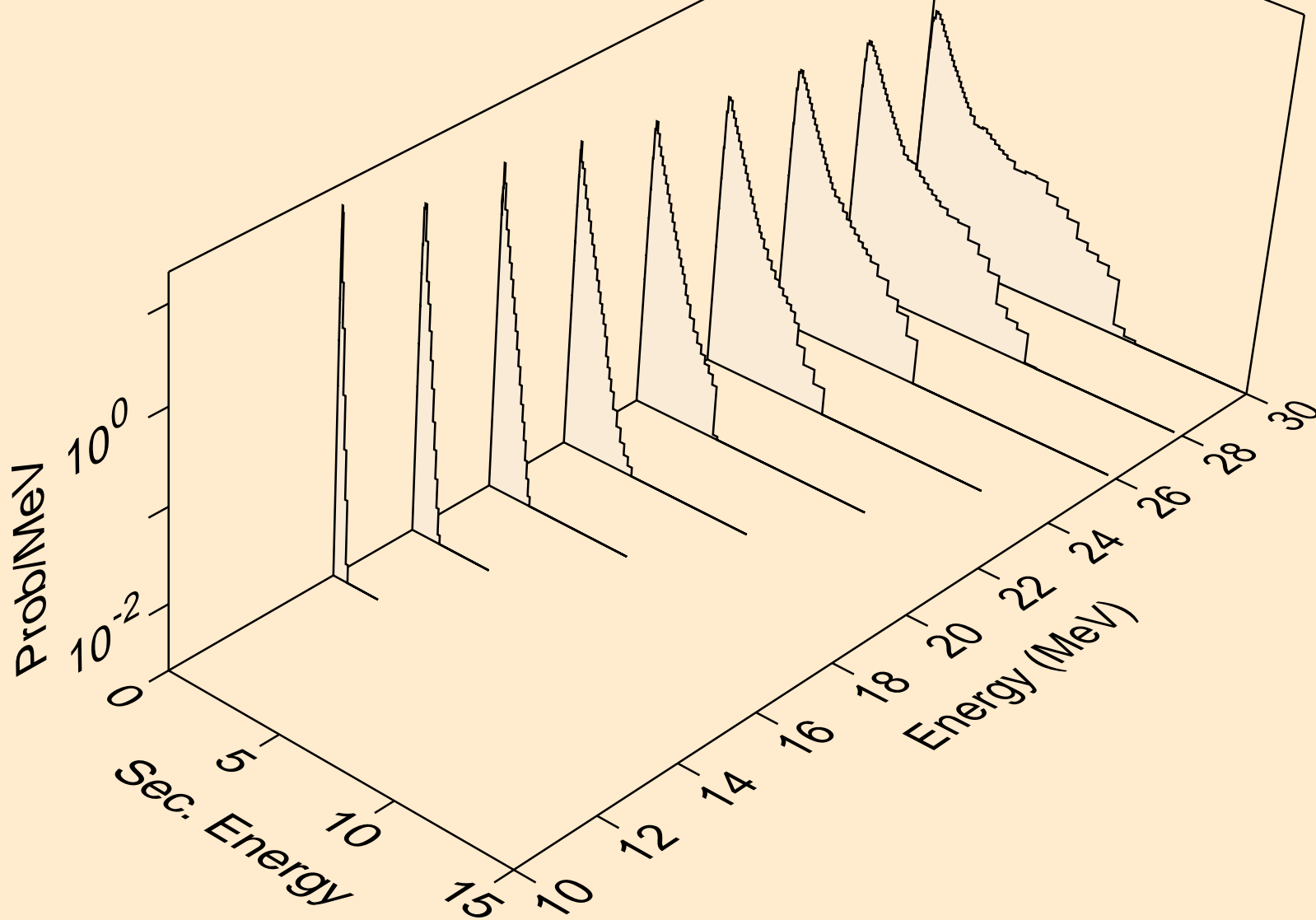
HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)a



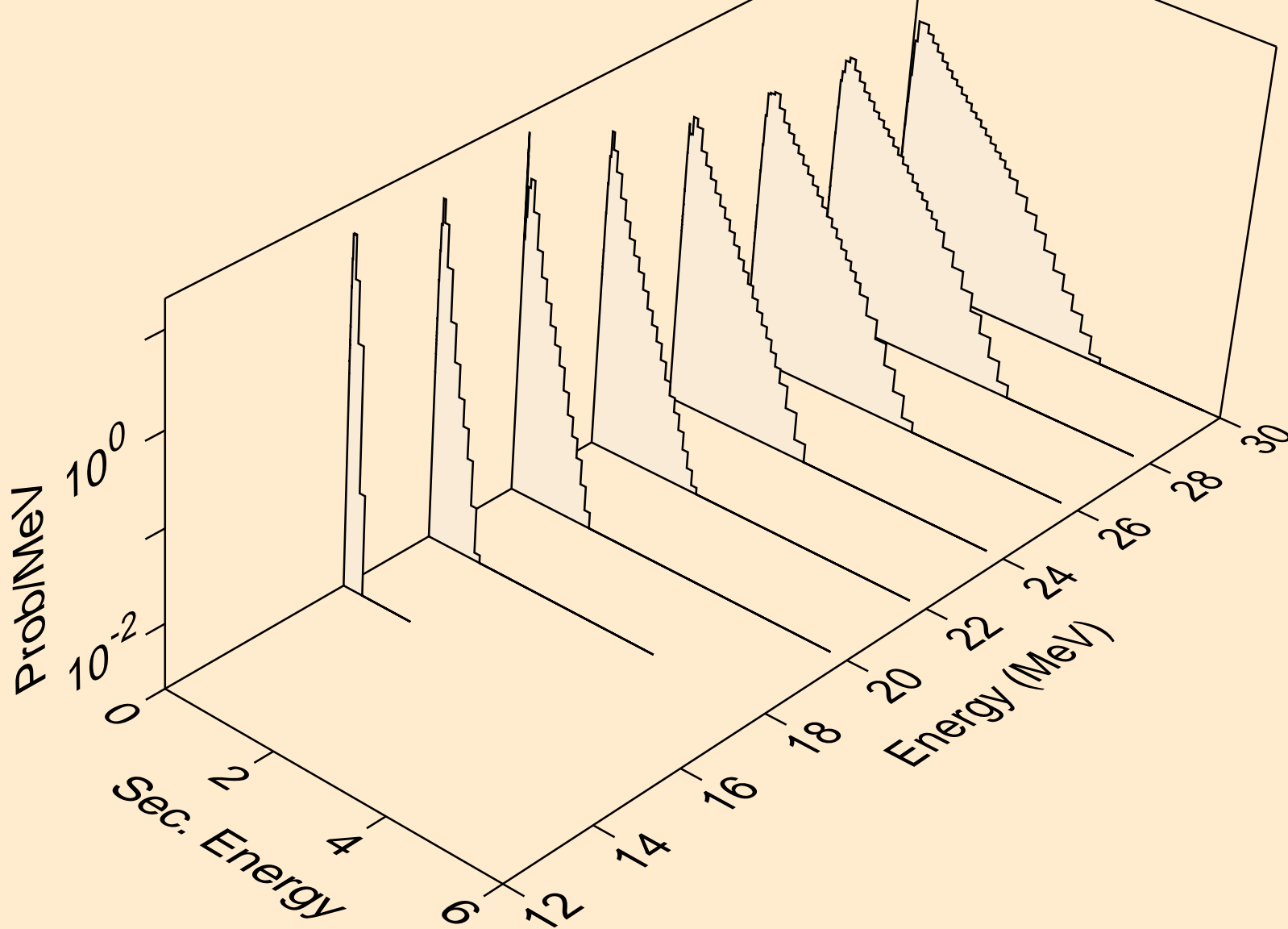
HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)a



HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)p

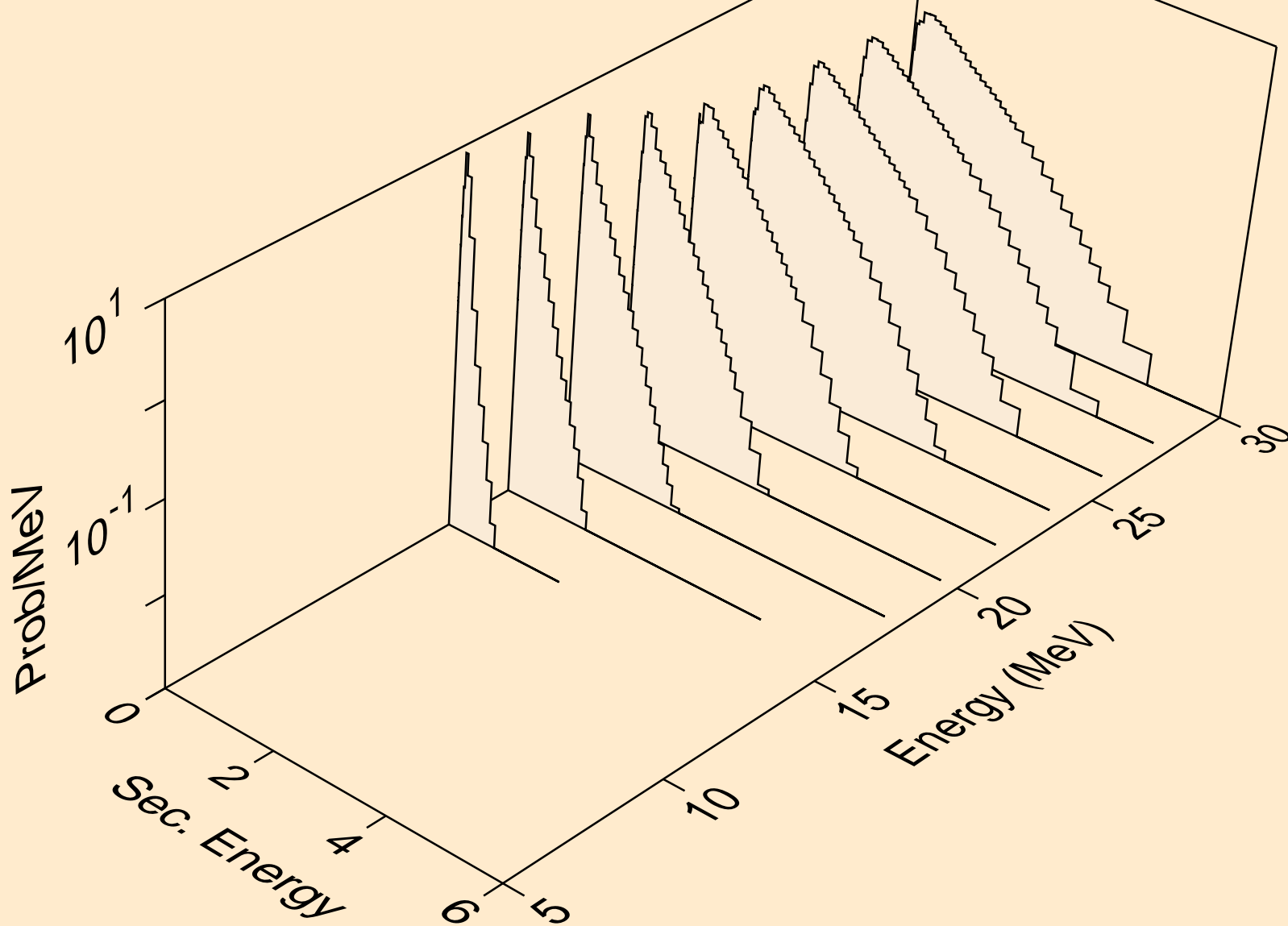


HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)d

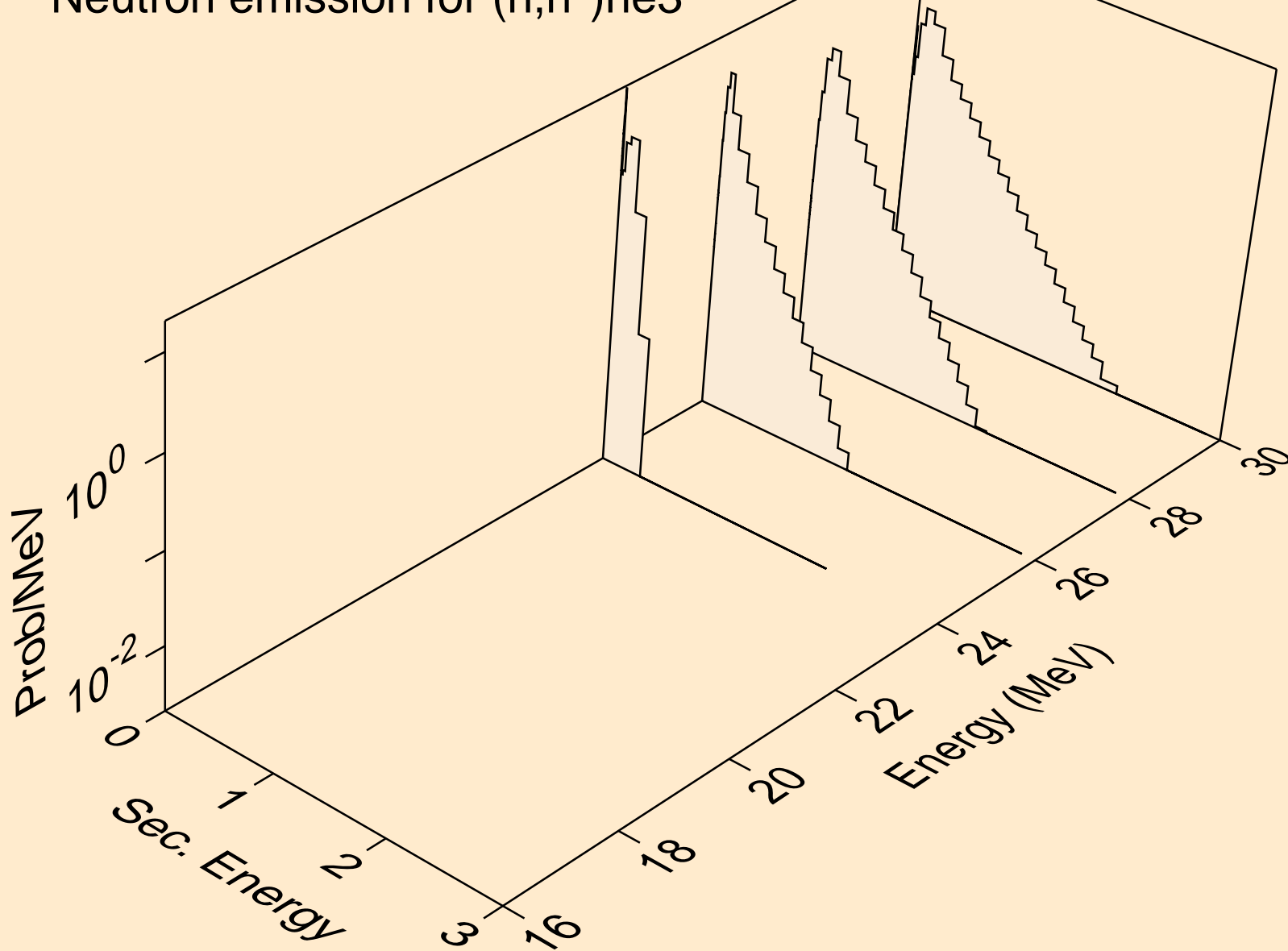




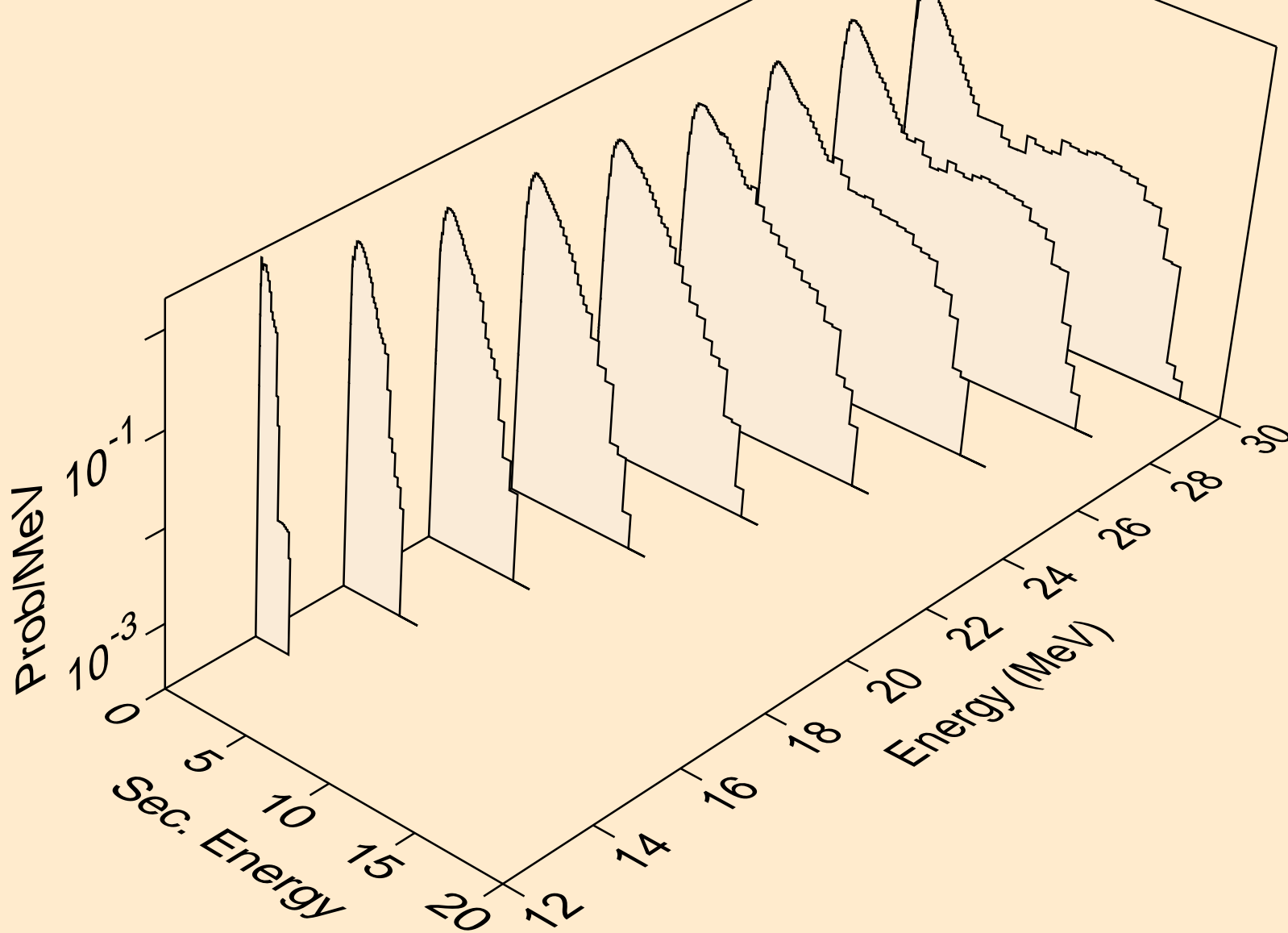
HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)t



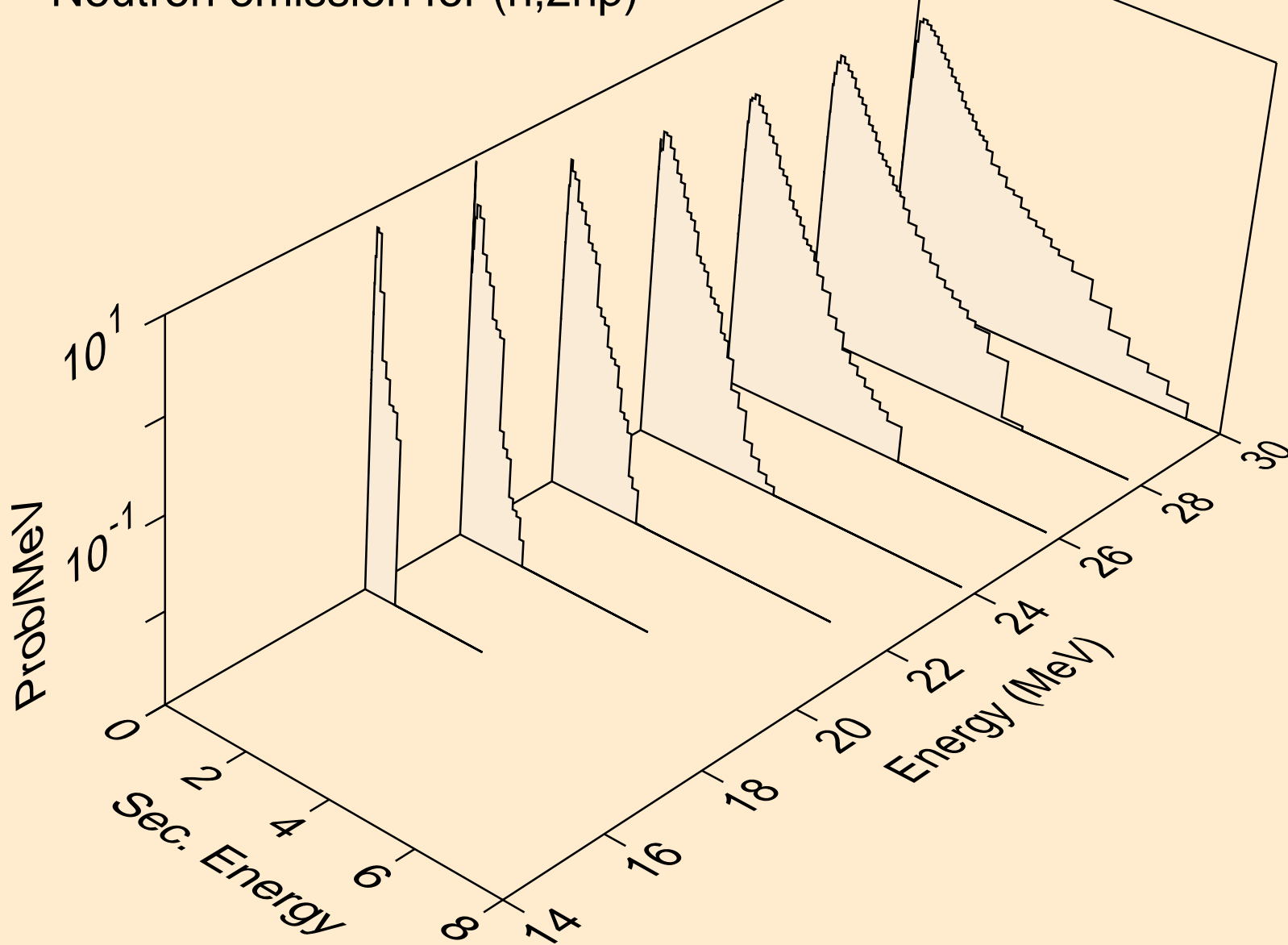
HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)he3



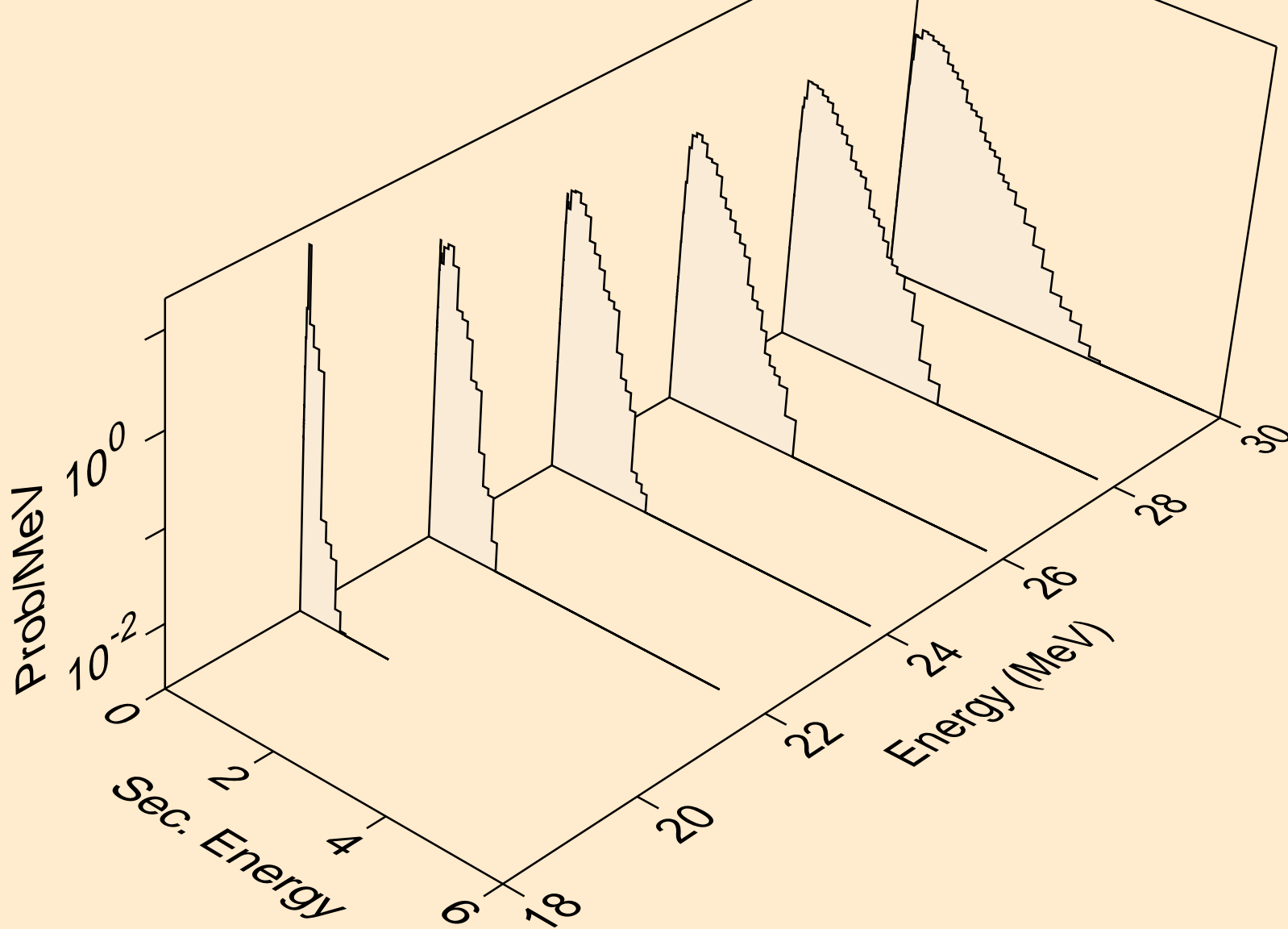
HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,4n)



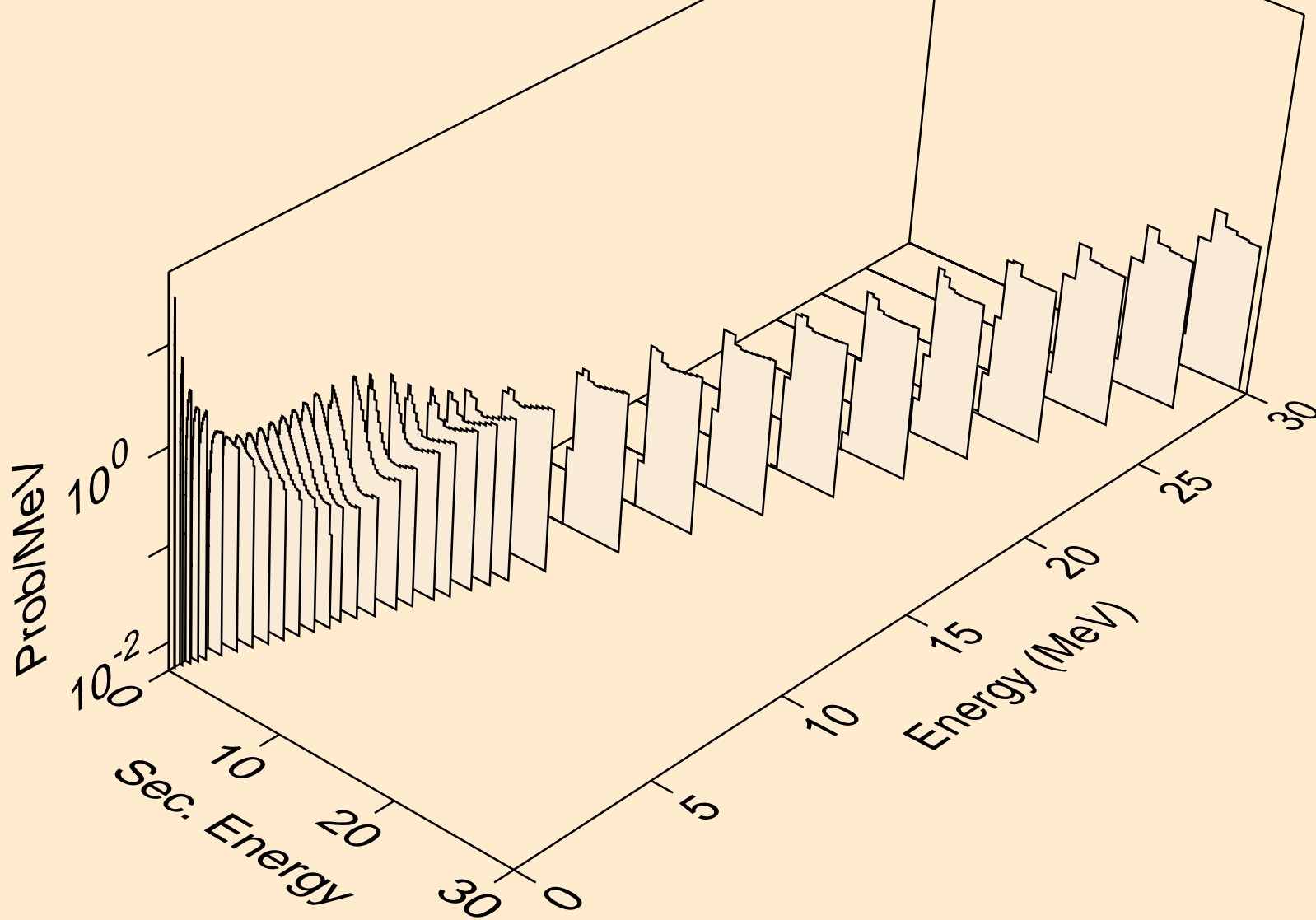
HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2np)



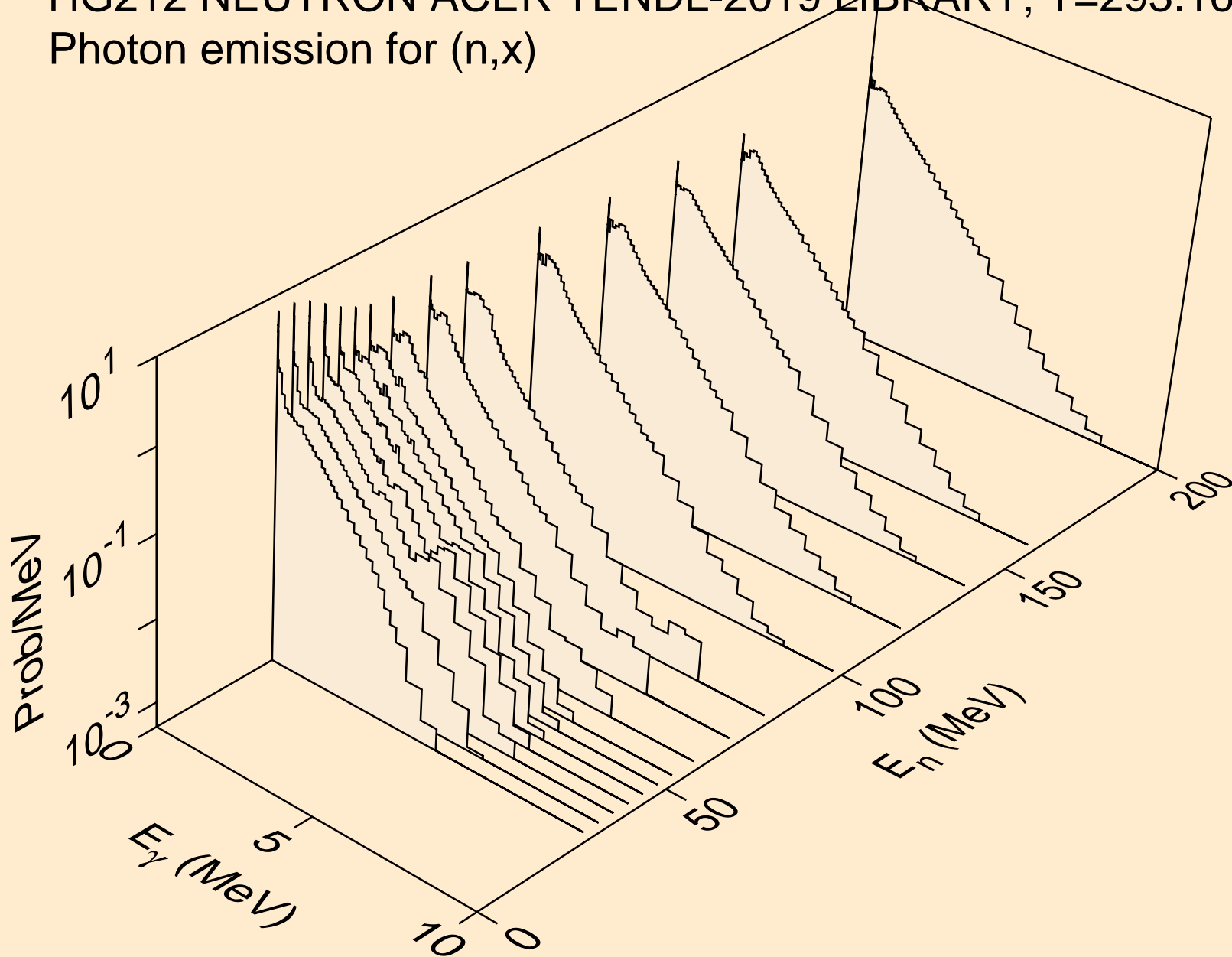
HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3np)



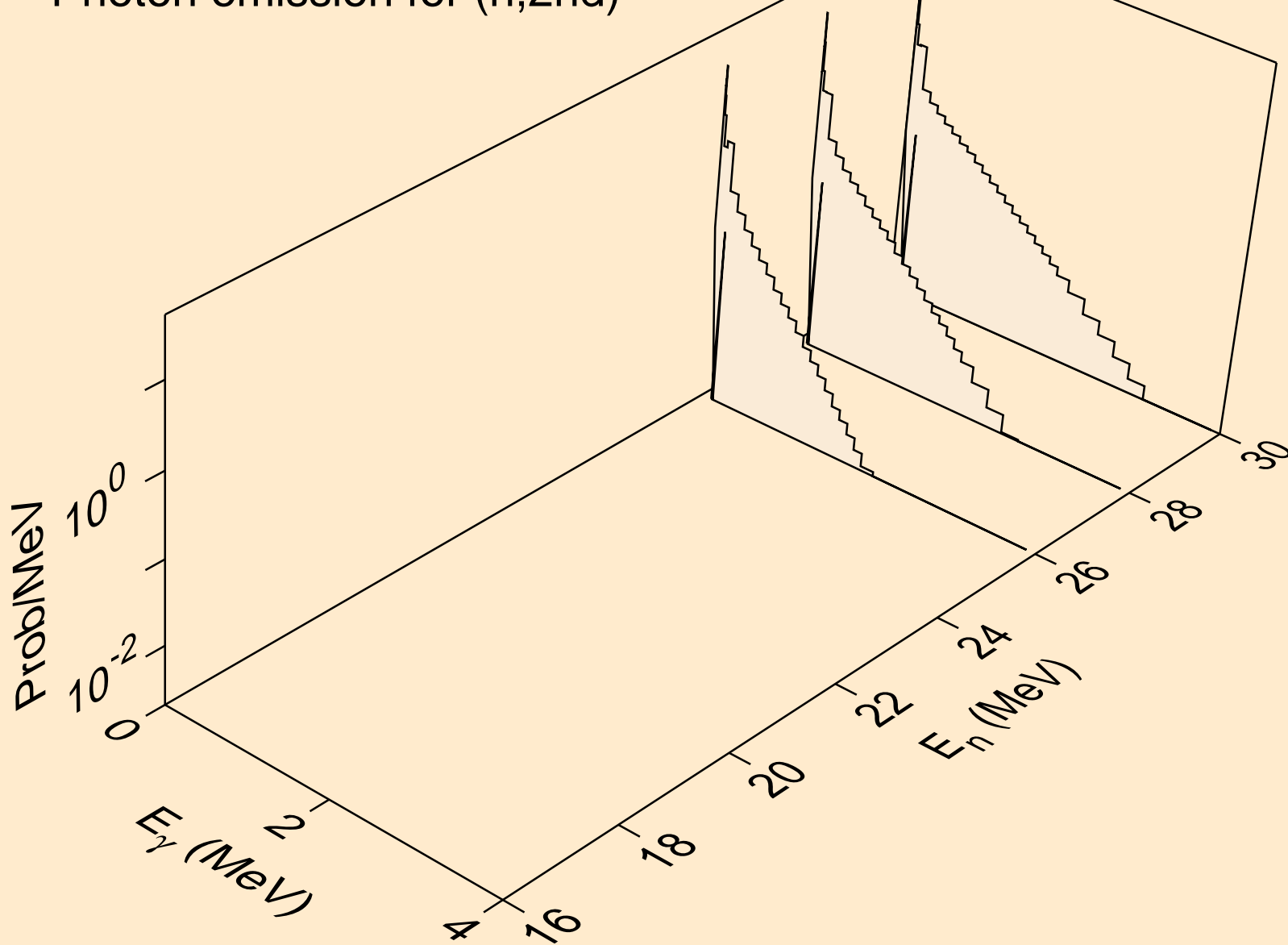
HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*c)



HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,x)

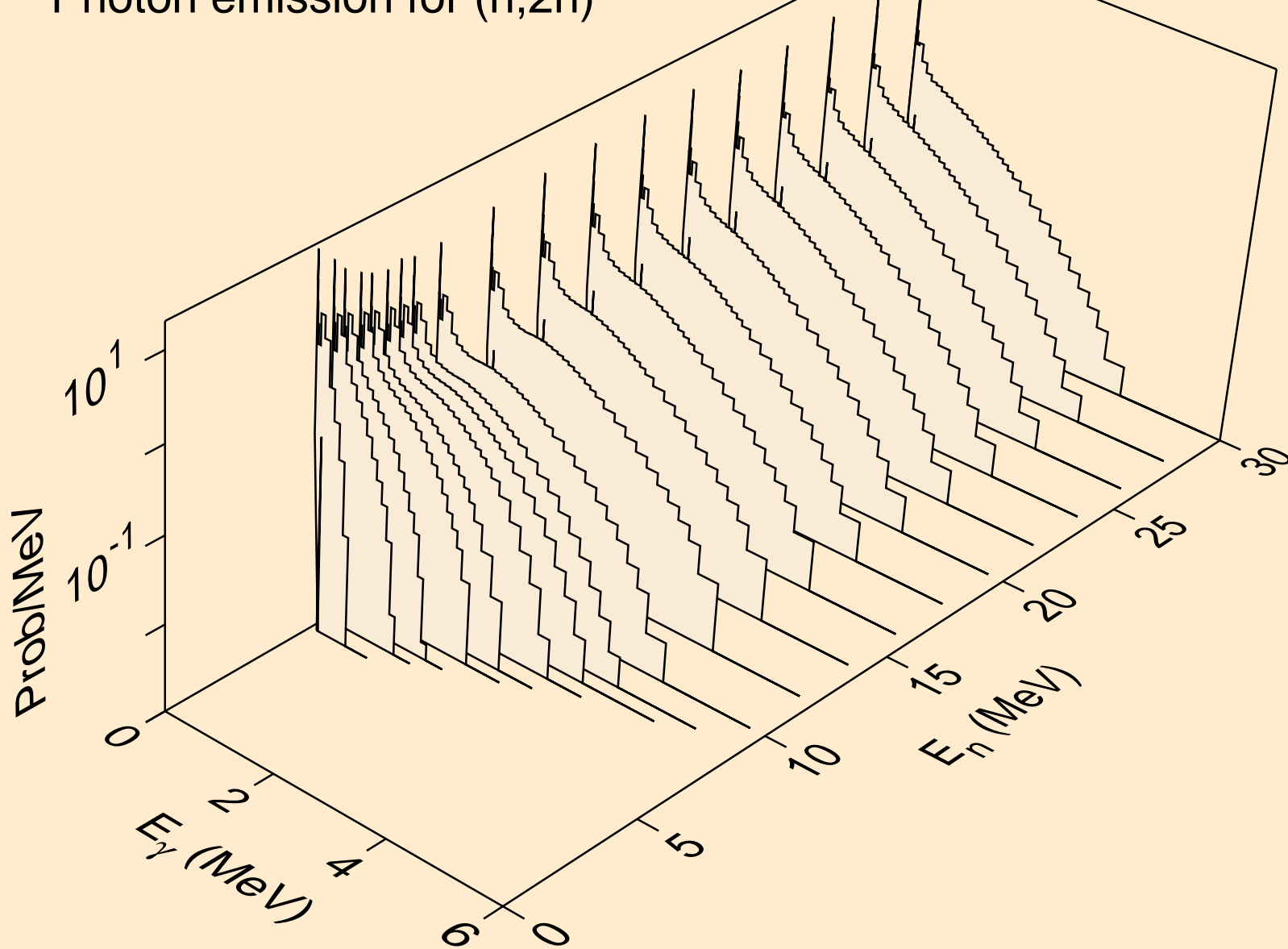


HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2nd)

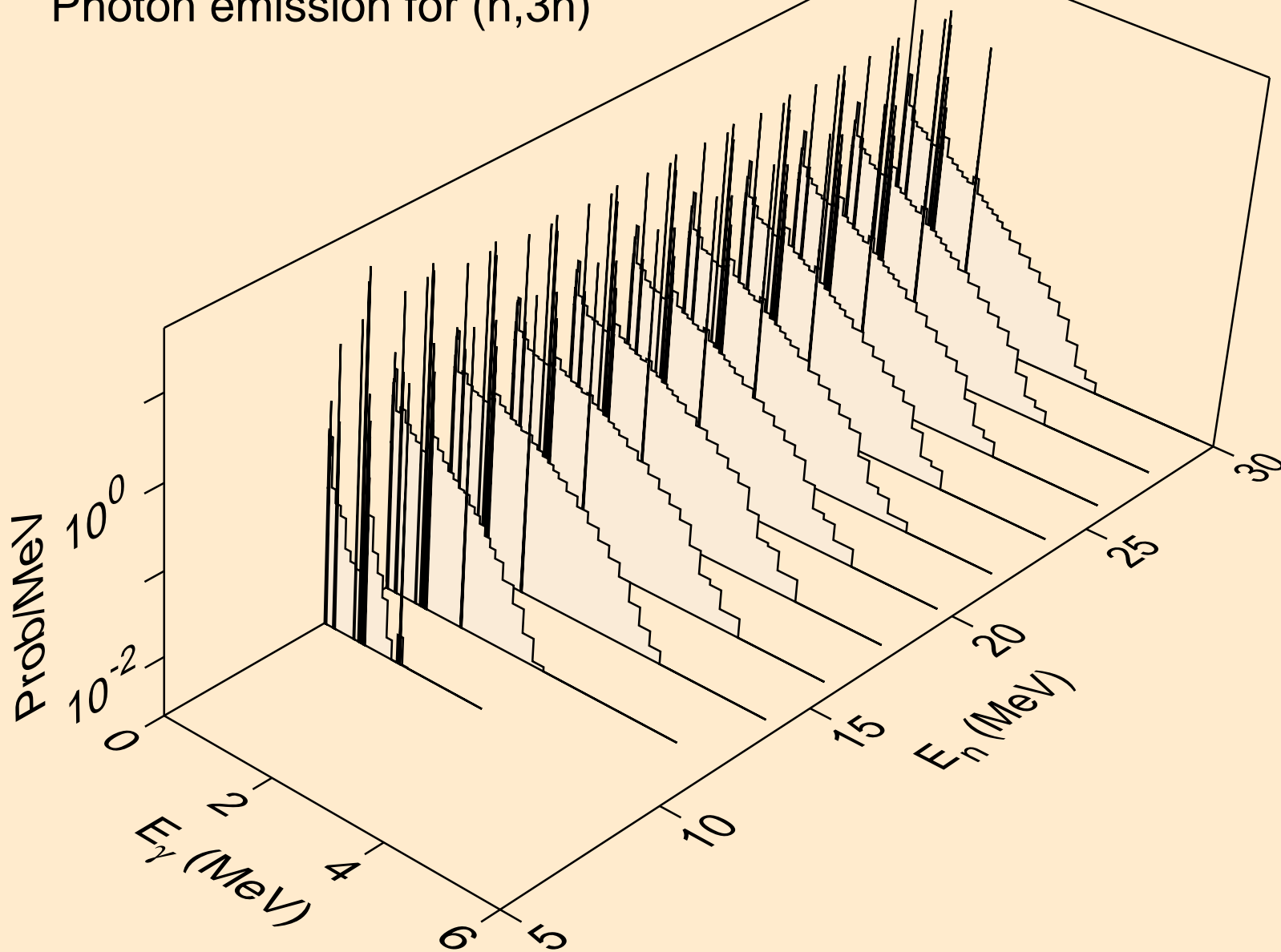




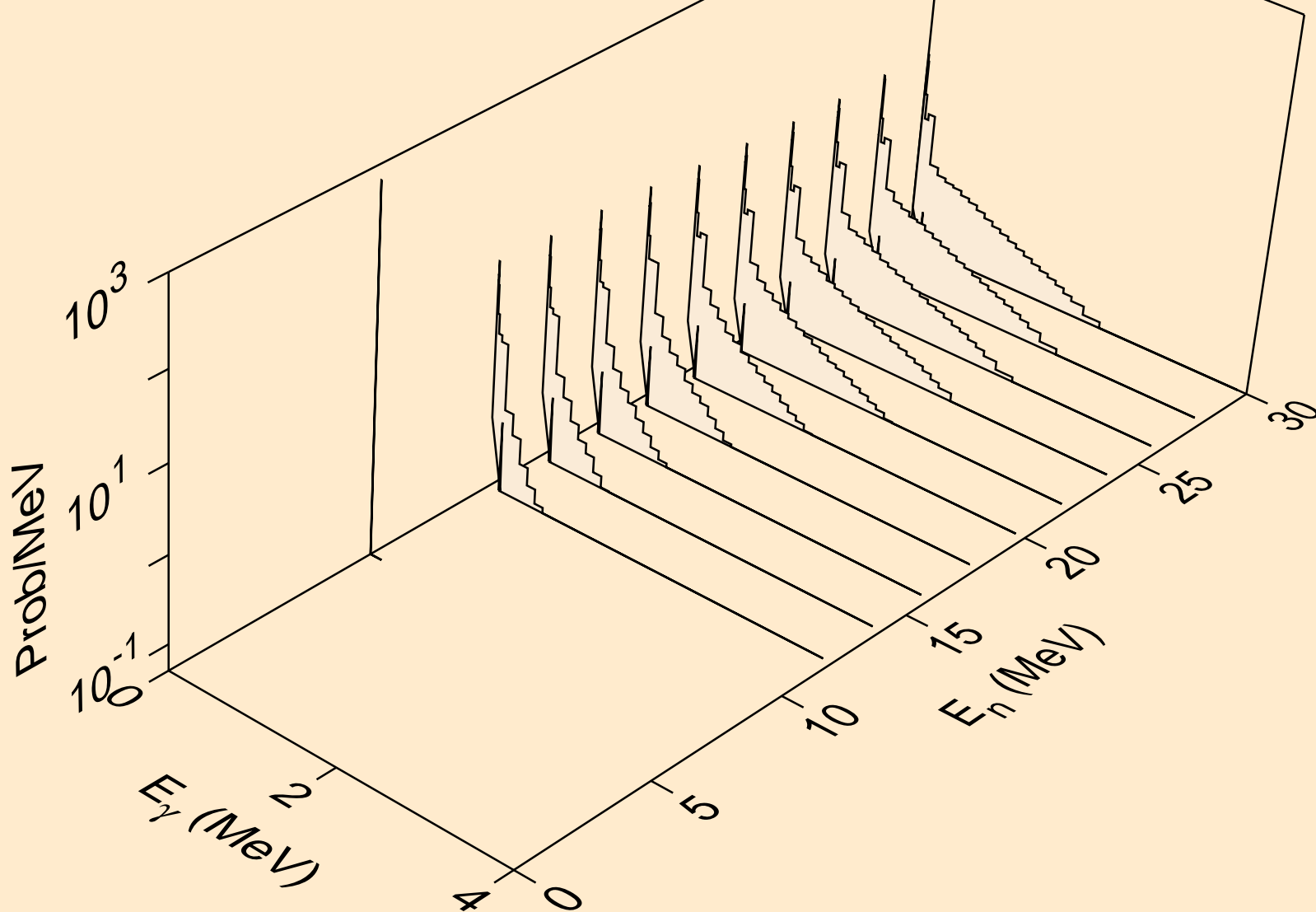
HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)



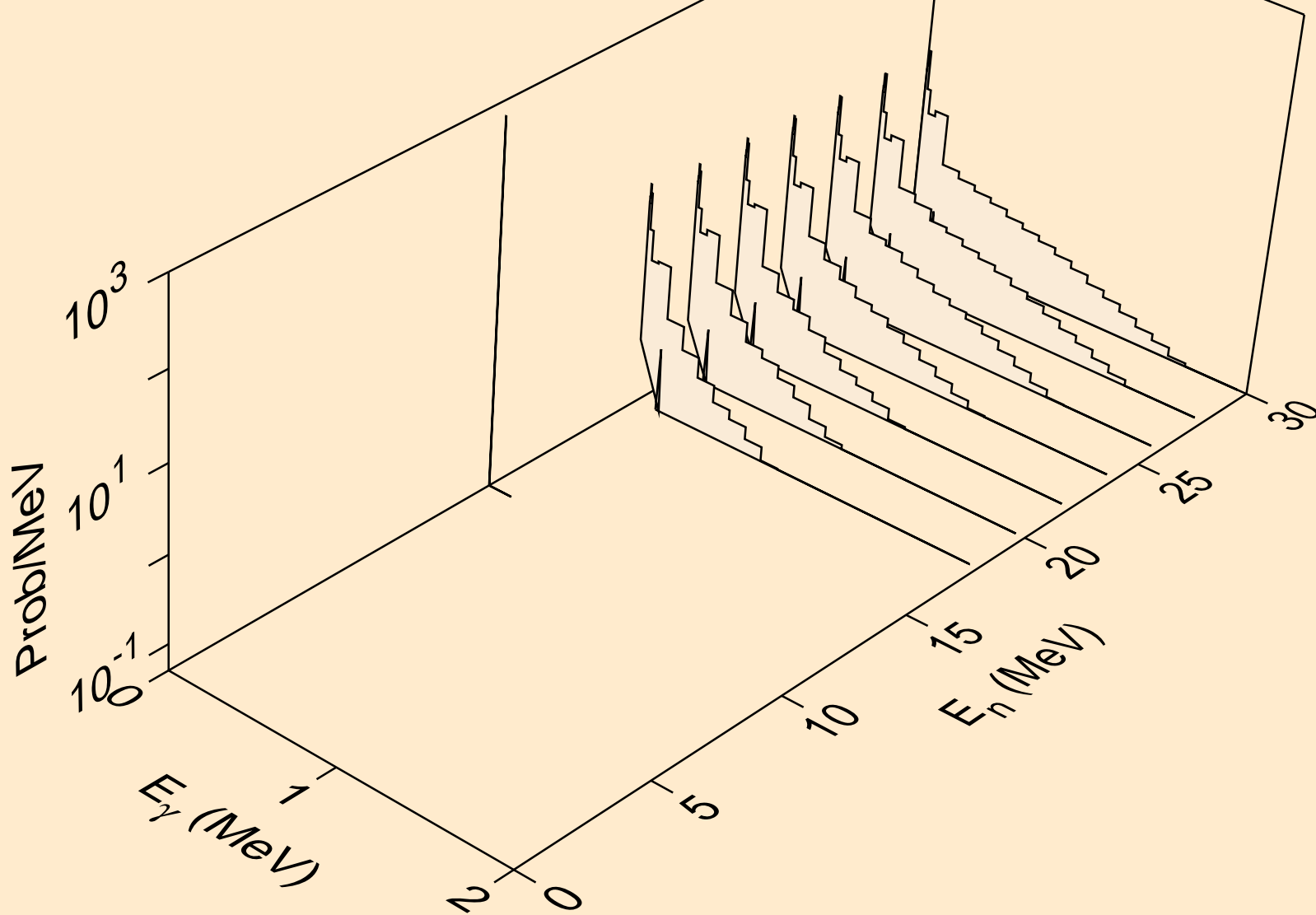
HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)



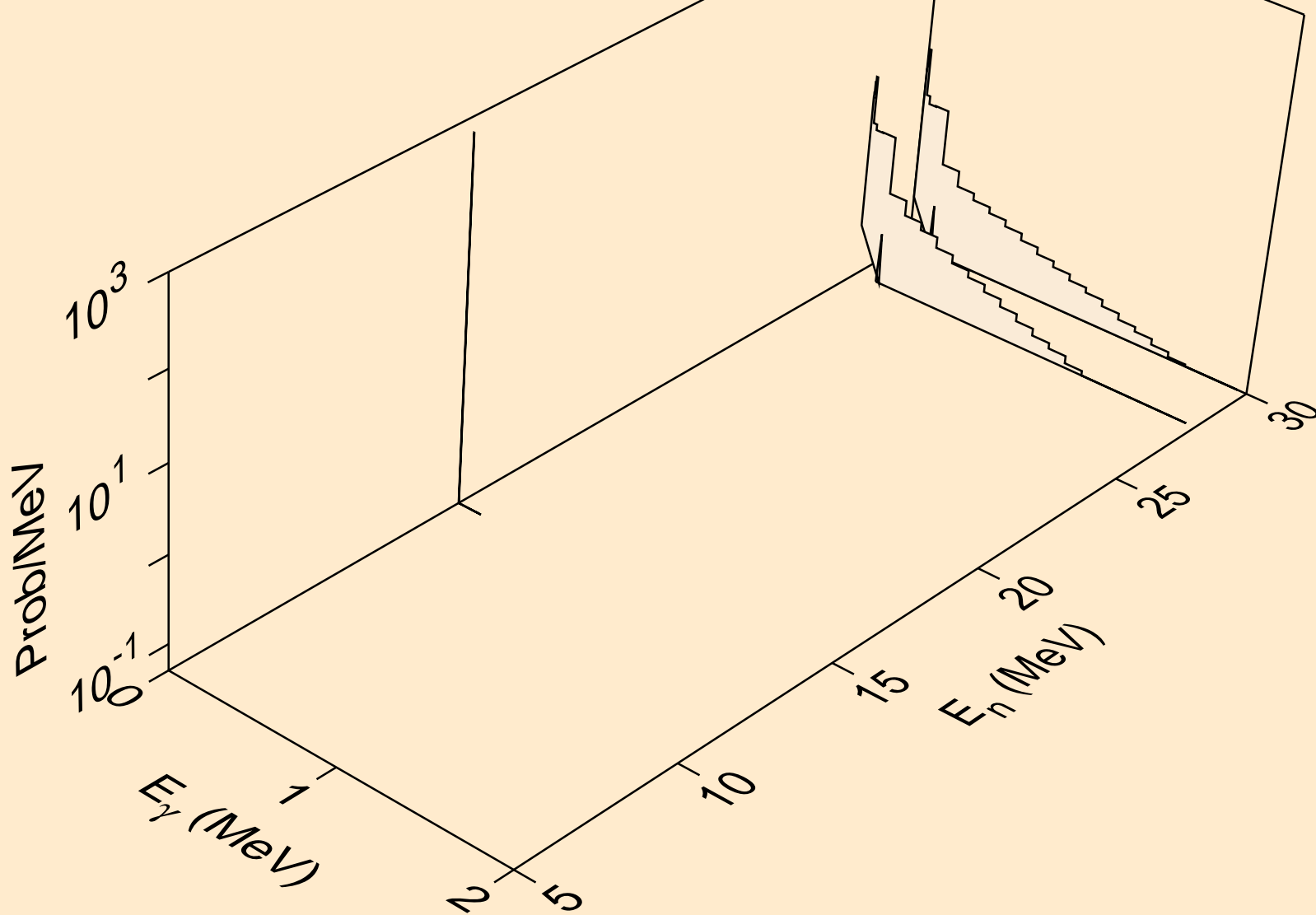
HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)a



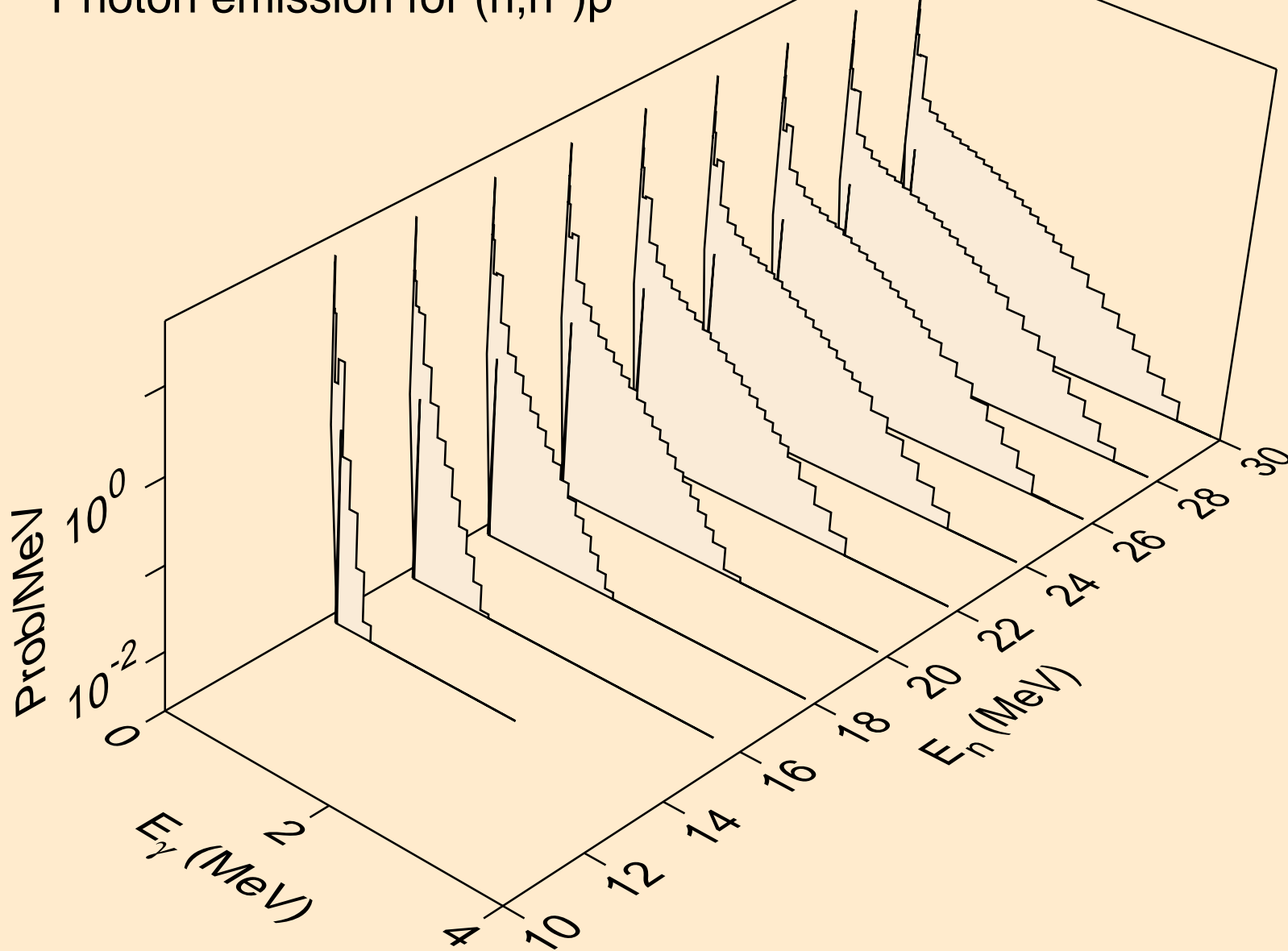
HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n) $\alpha$



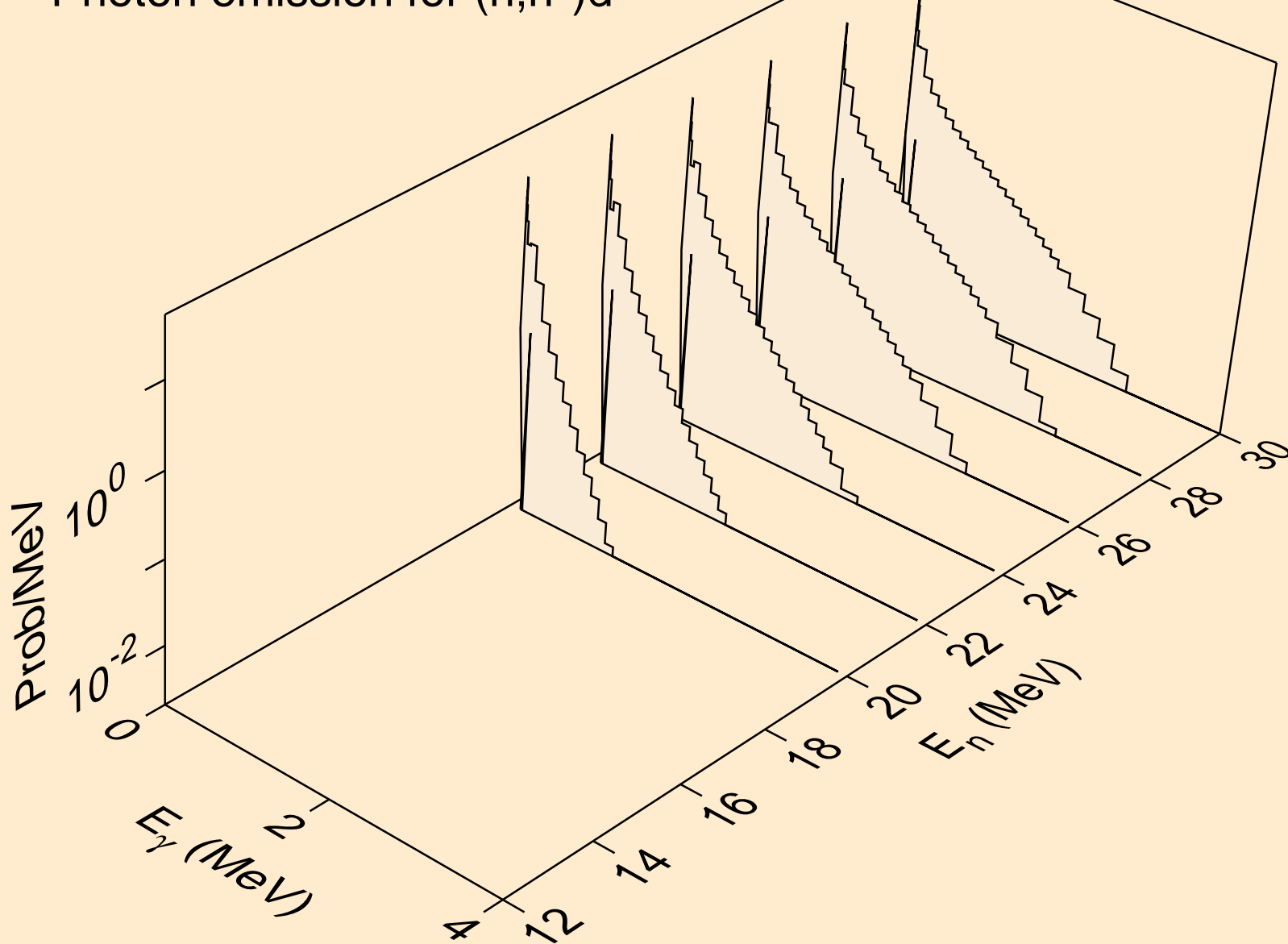
HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)a



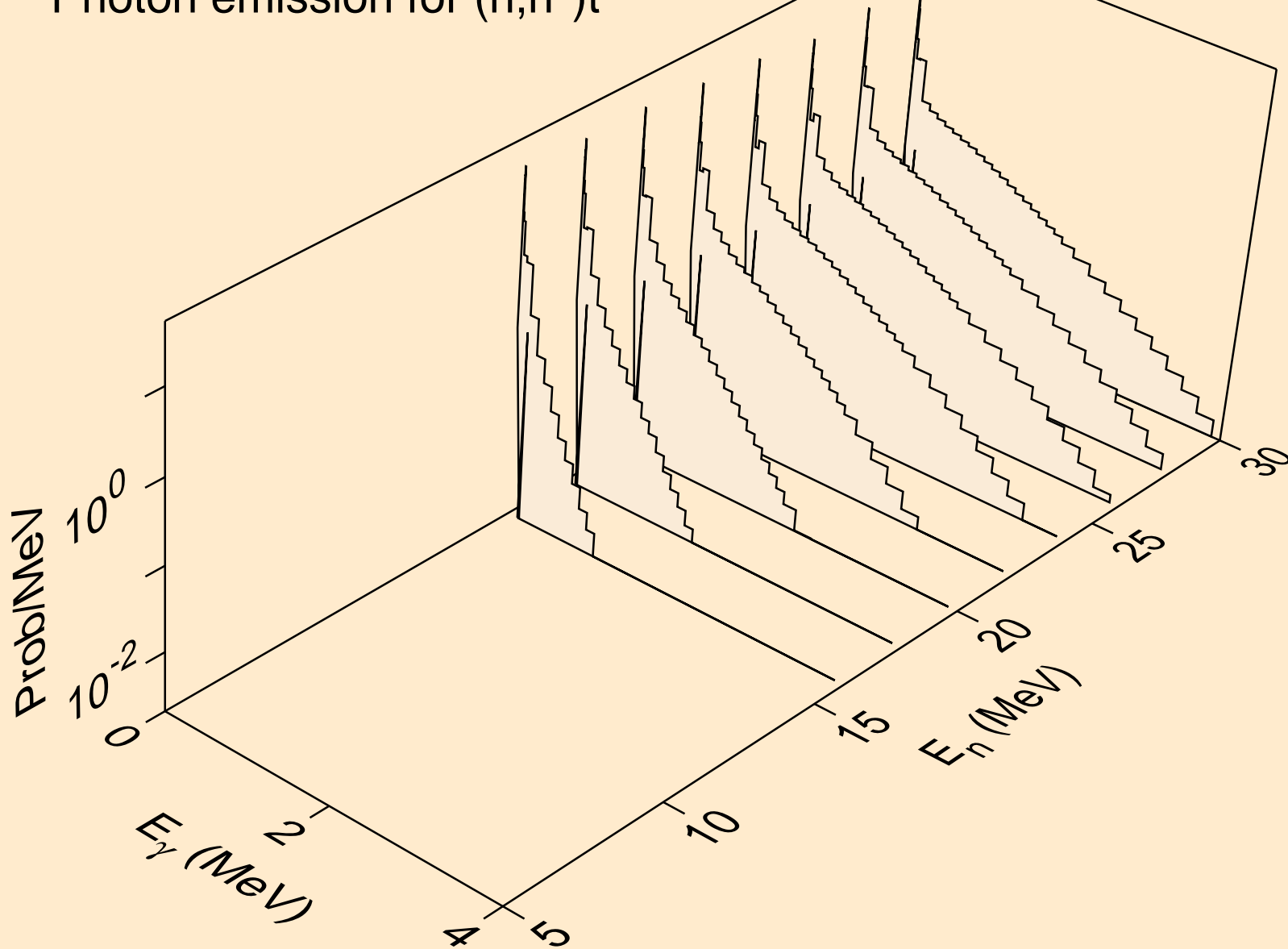
HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)p



HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)d

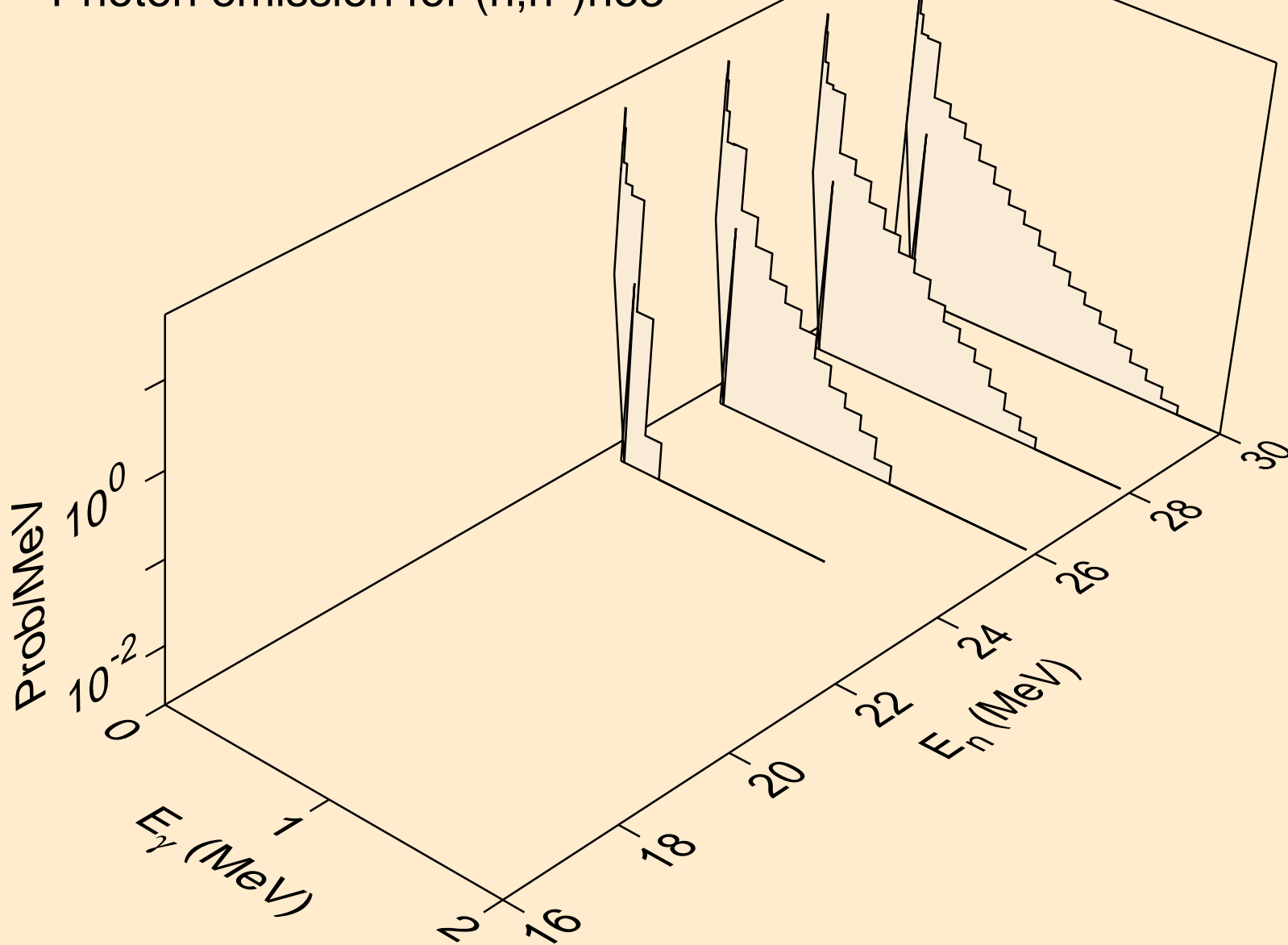


HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)t

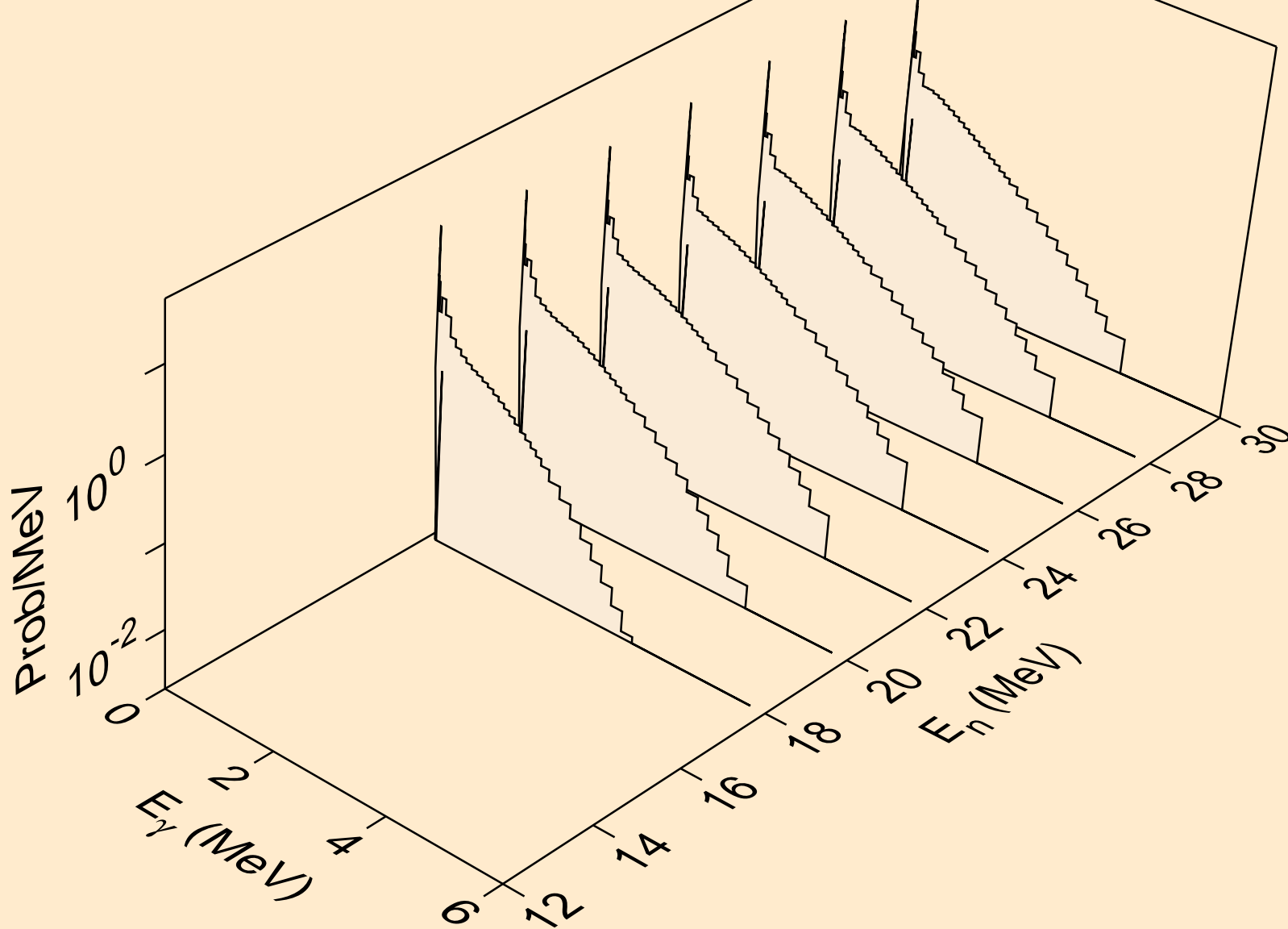




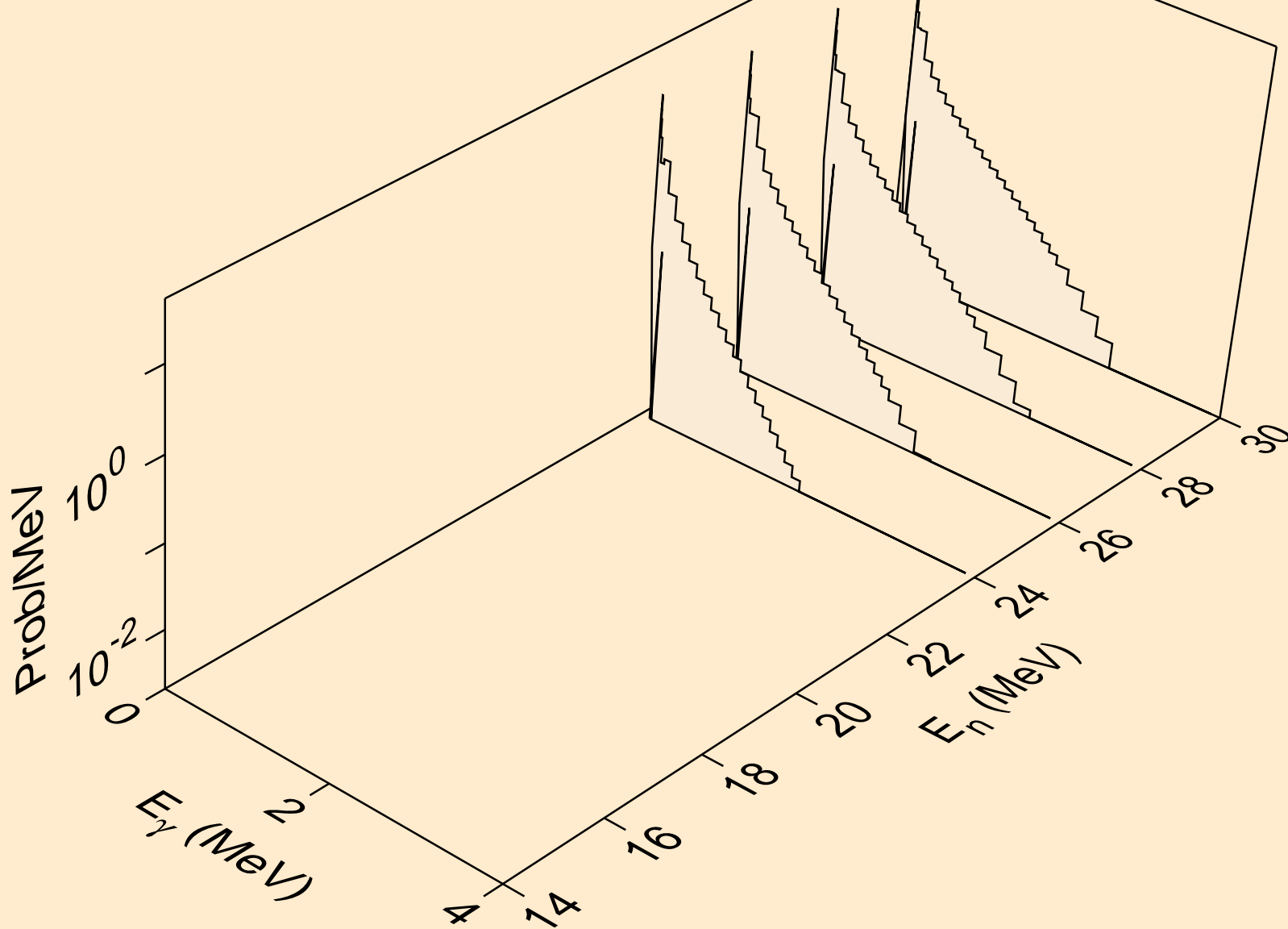
HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)he3



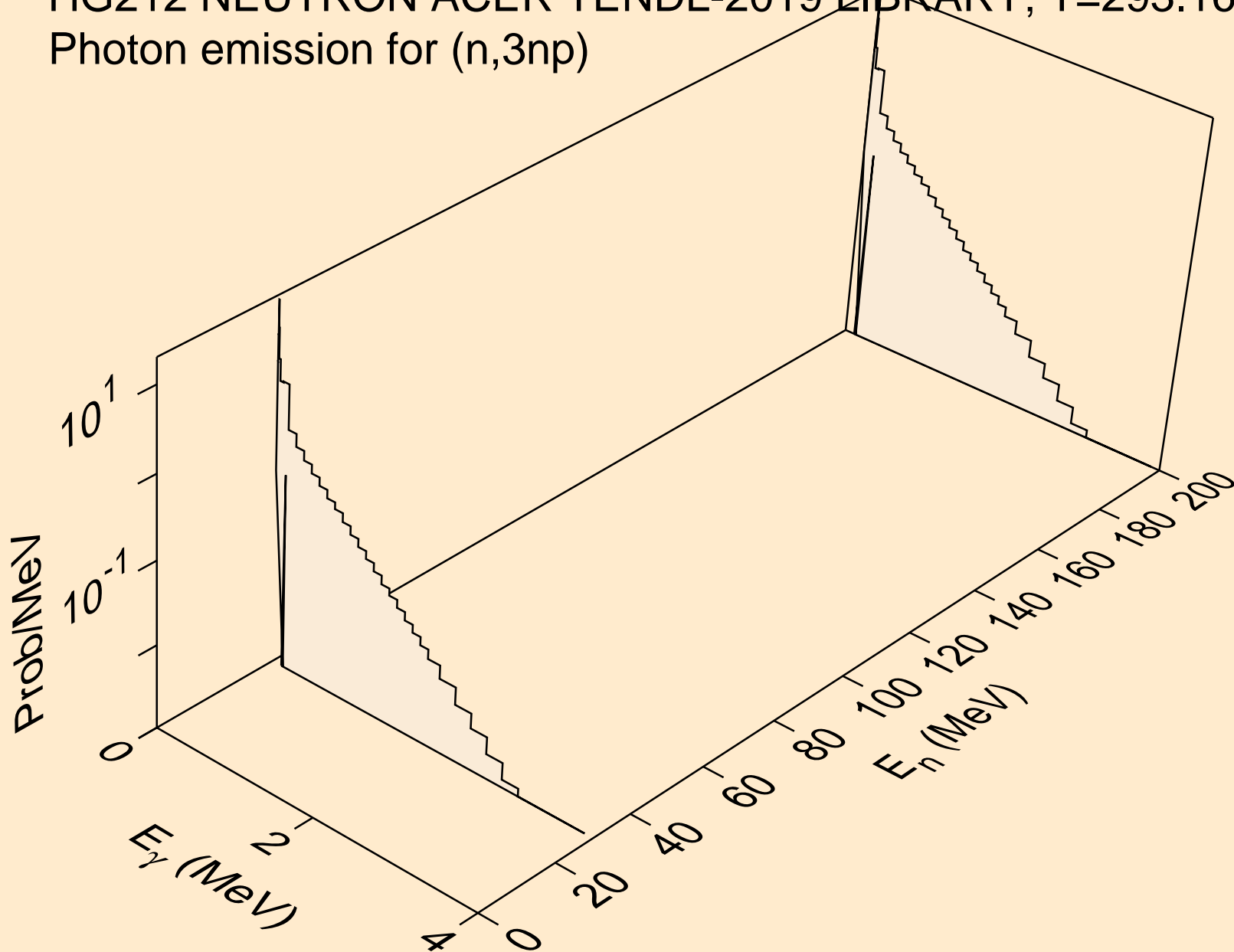
HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,4n)



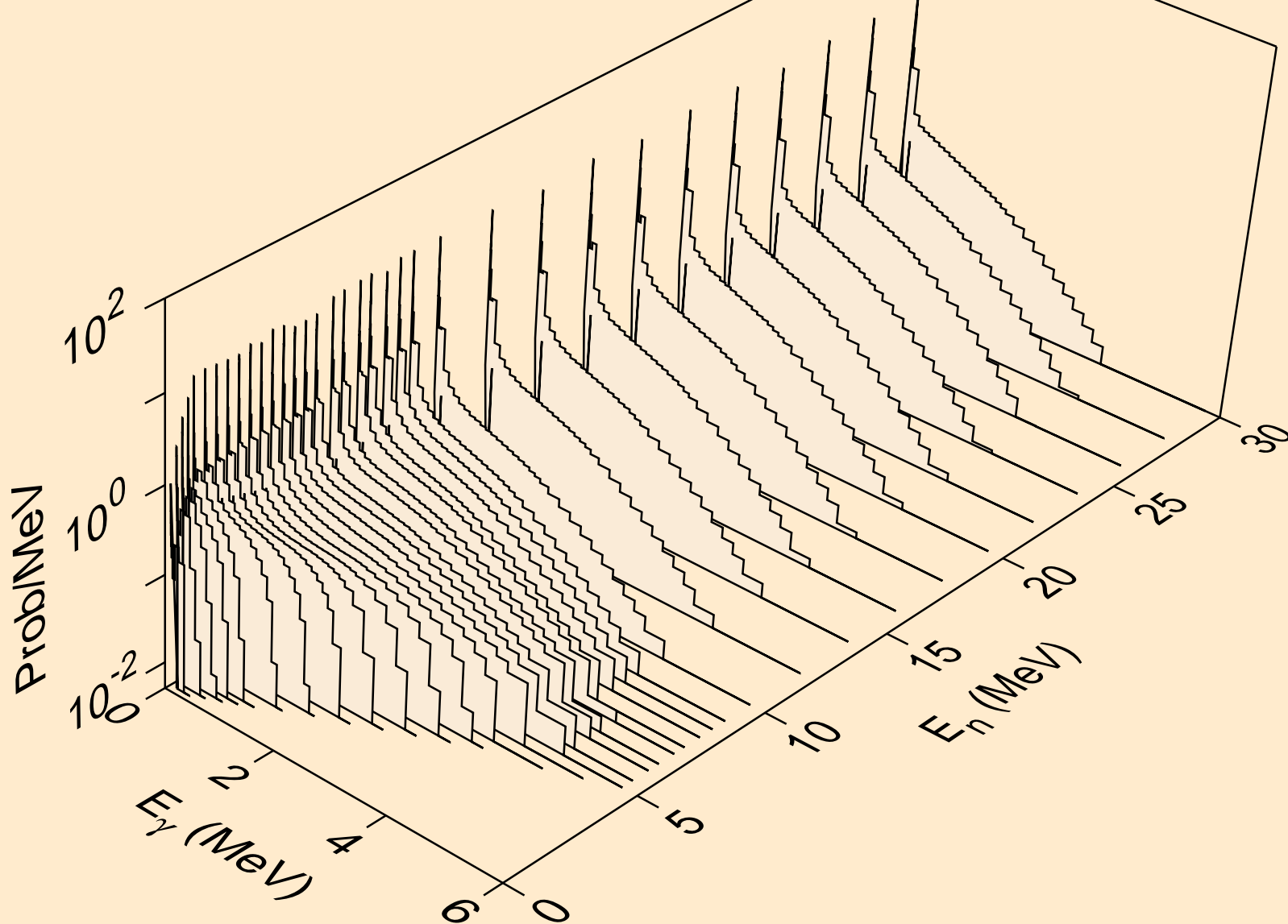
HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2np)



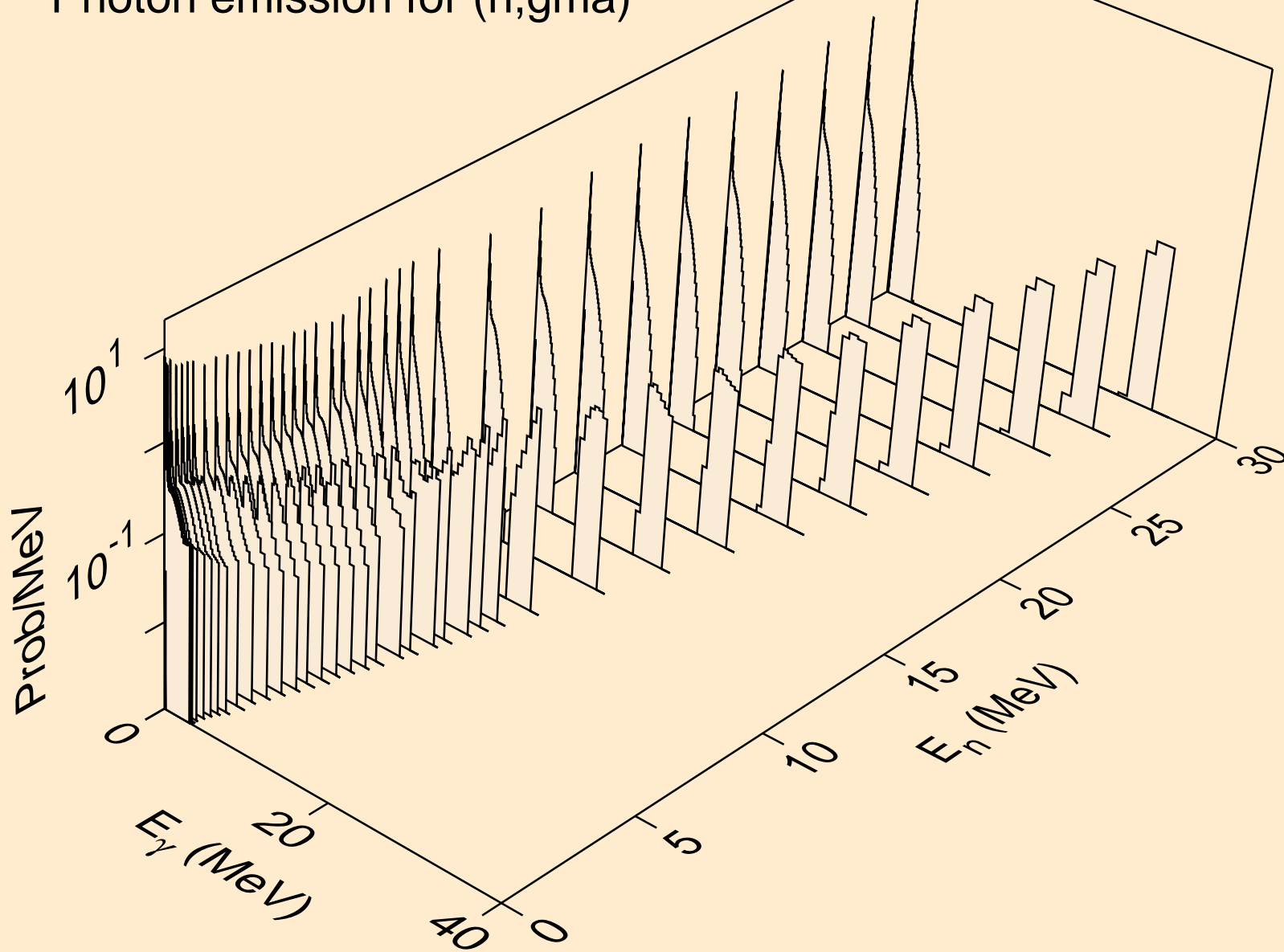
HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3np)



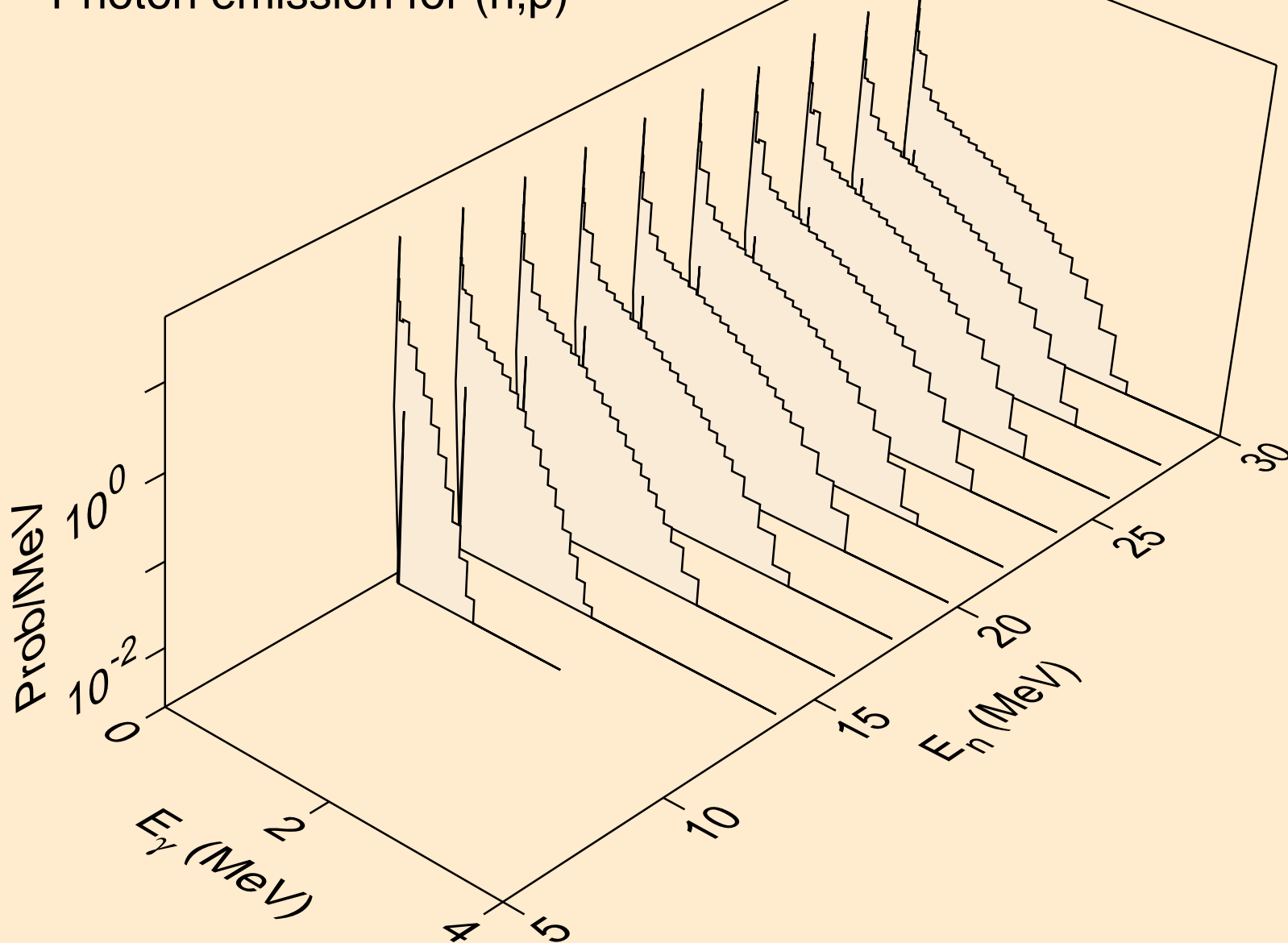
HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*c)



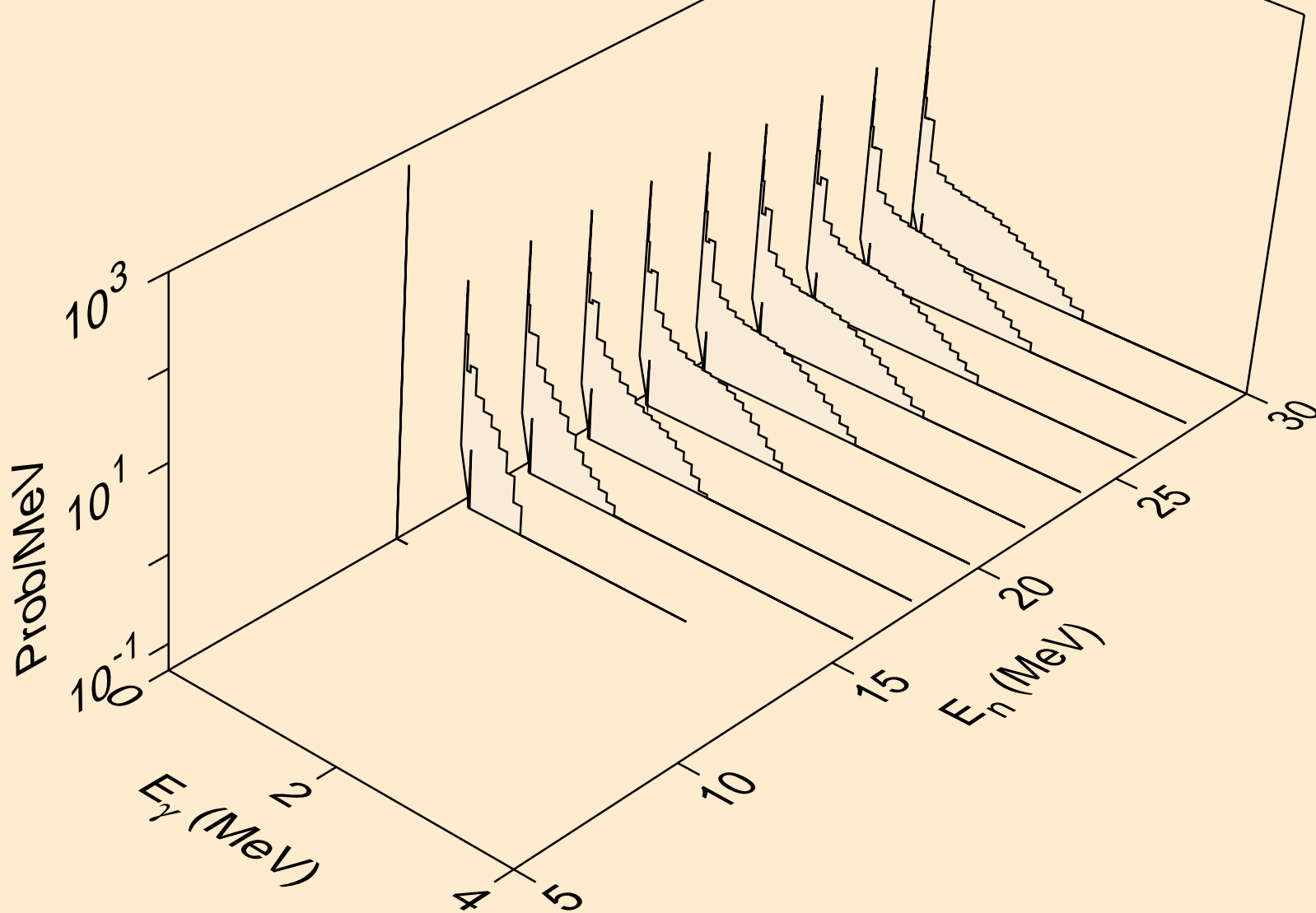
HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,gma)



HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,p)

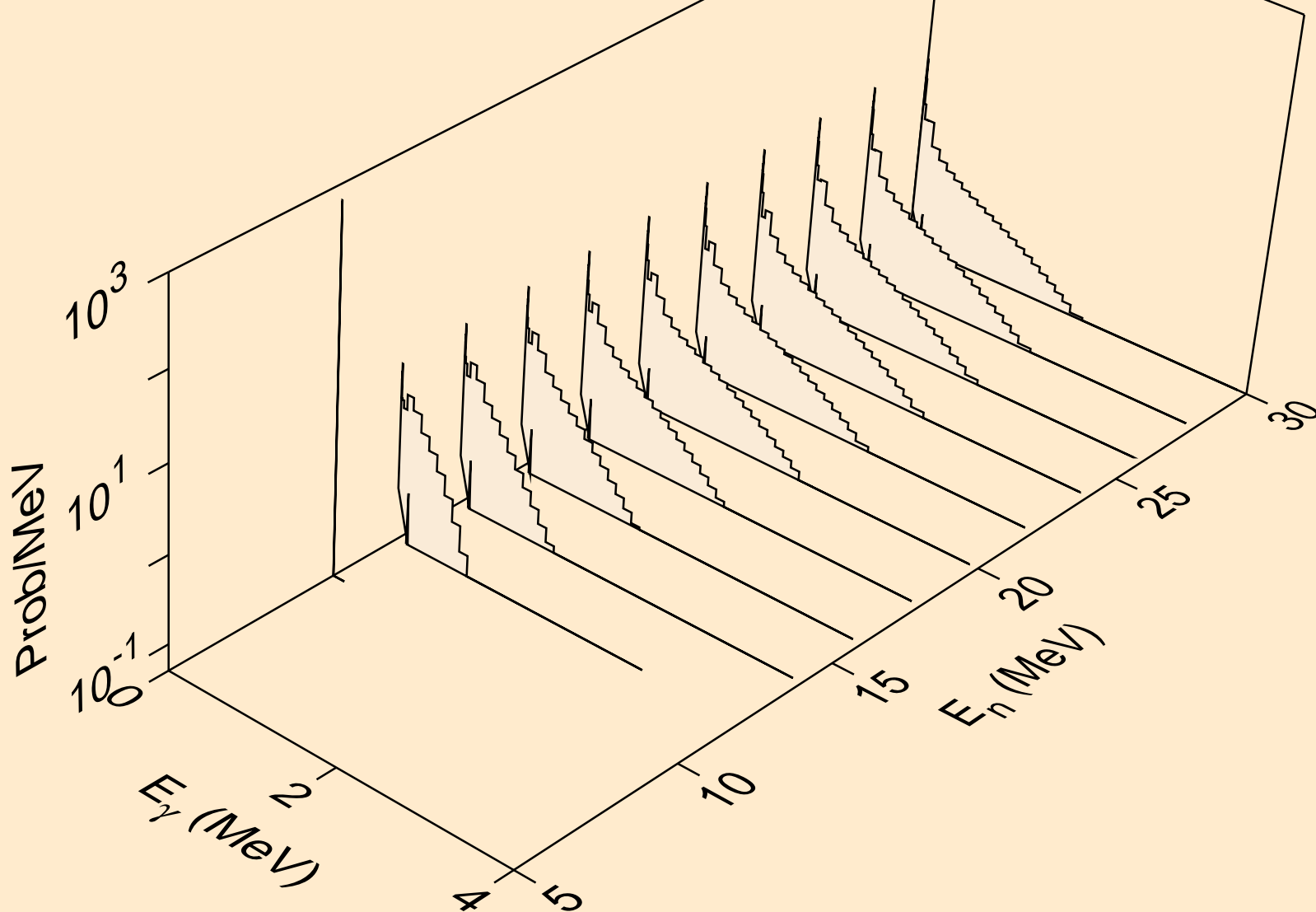


HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,d)

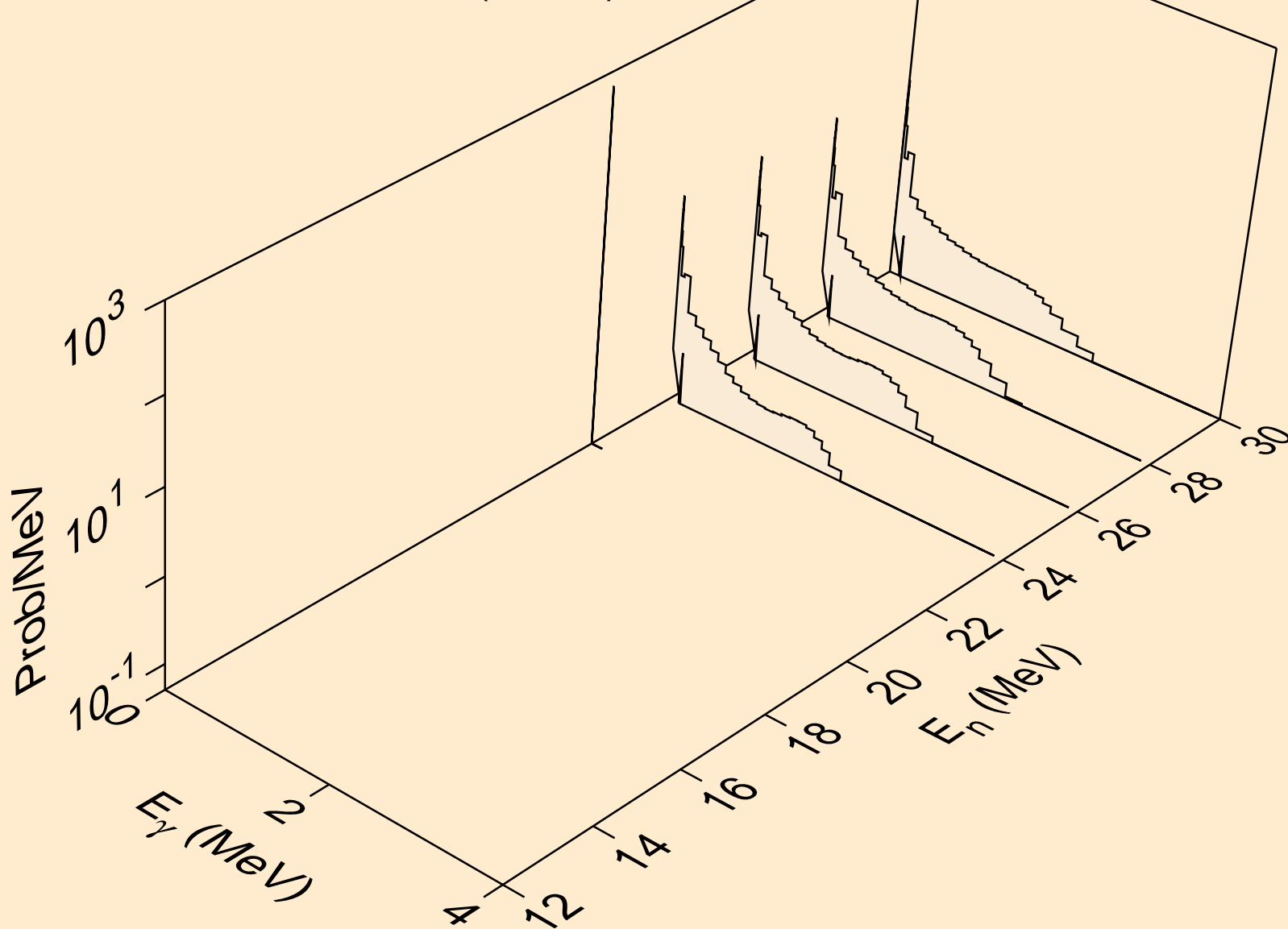




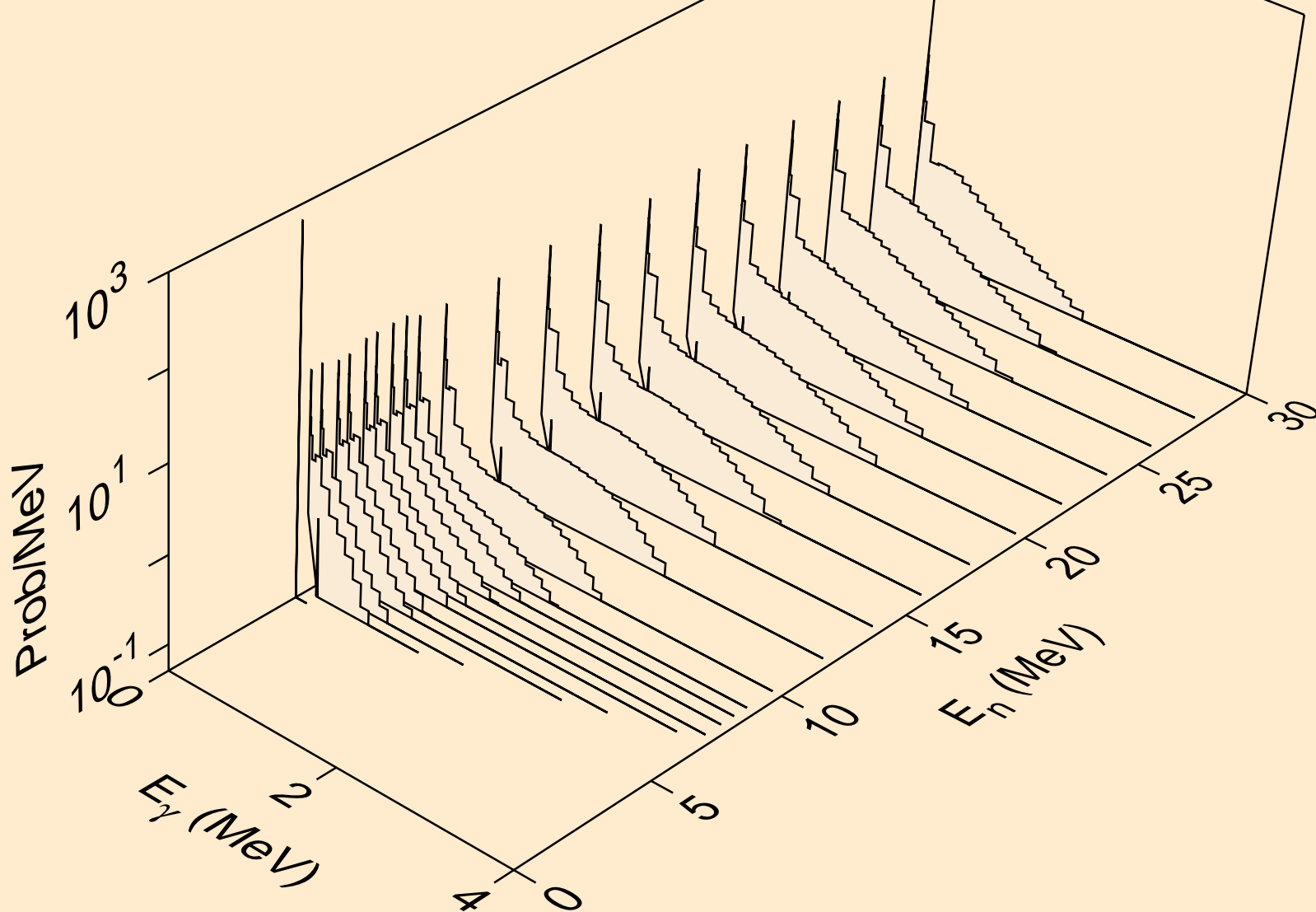
HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,t)



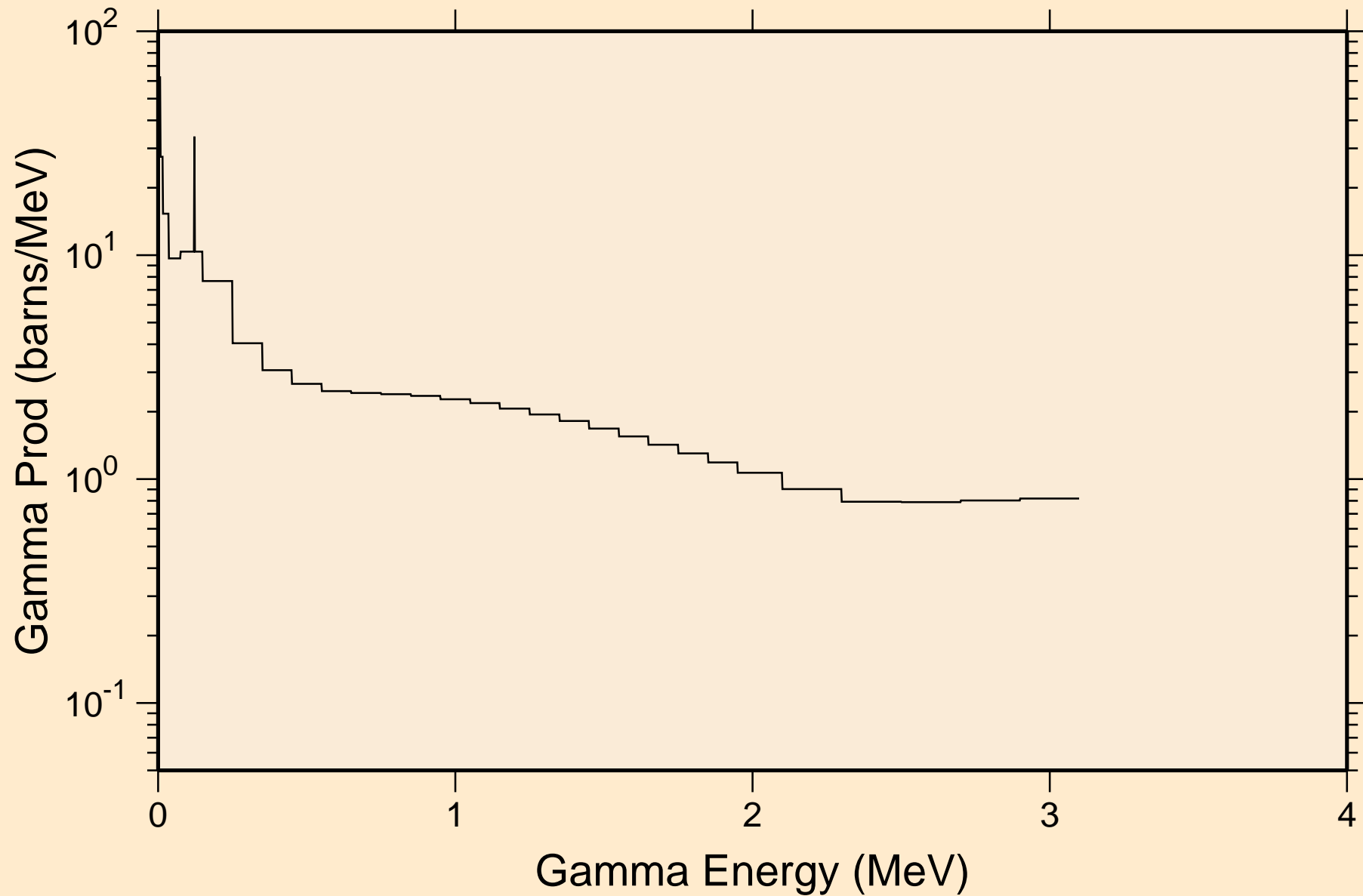
HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,he3)



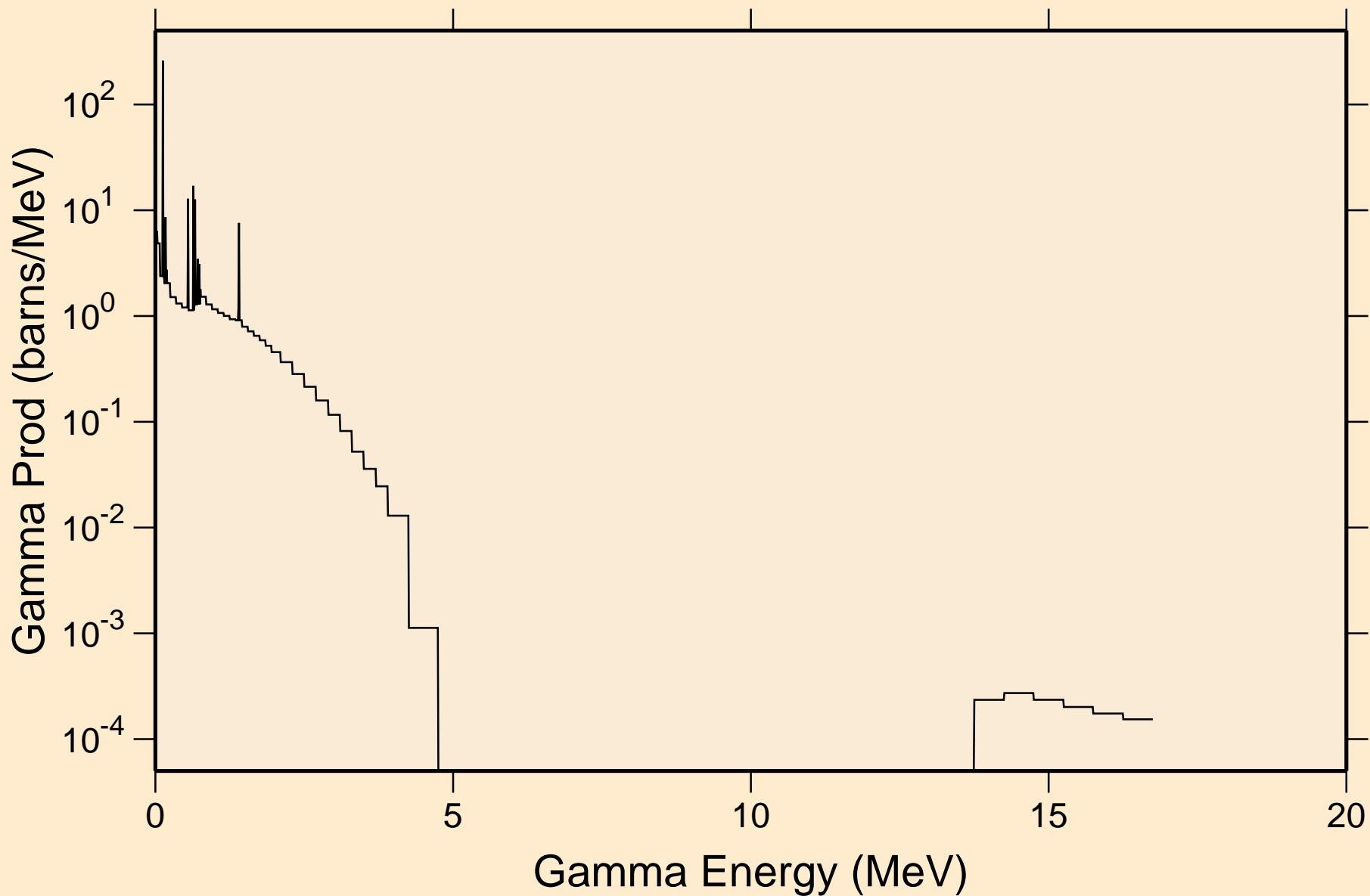
HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,a)



HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
thermal capture photon spectrum

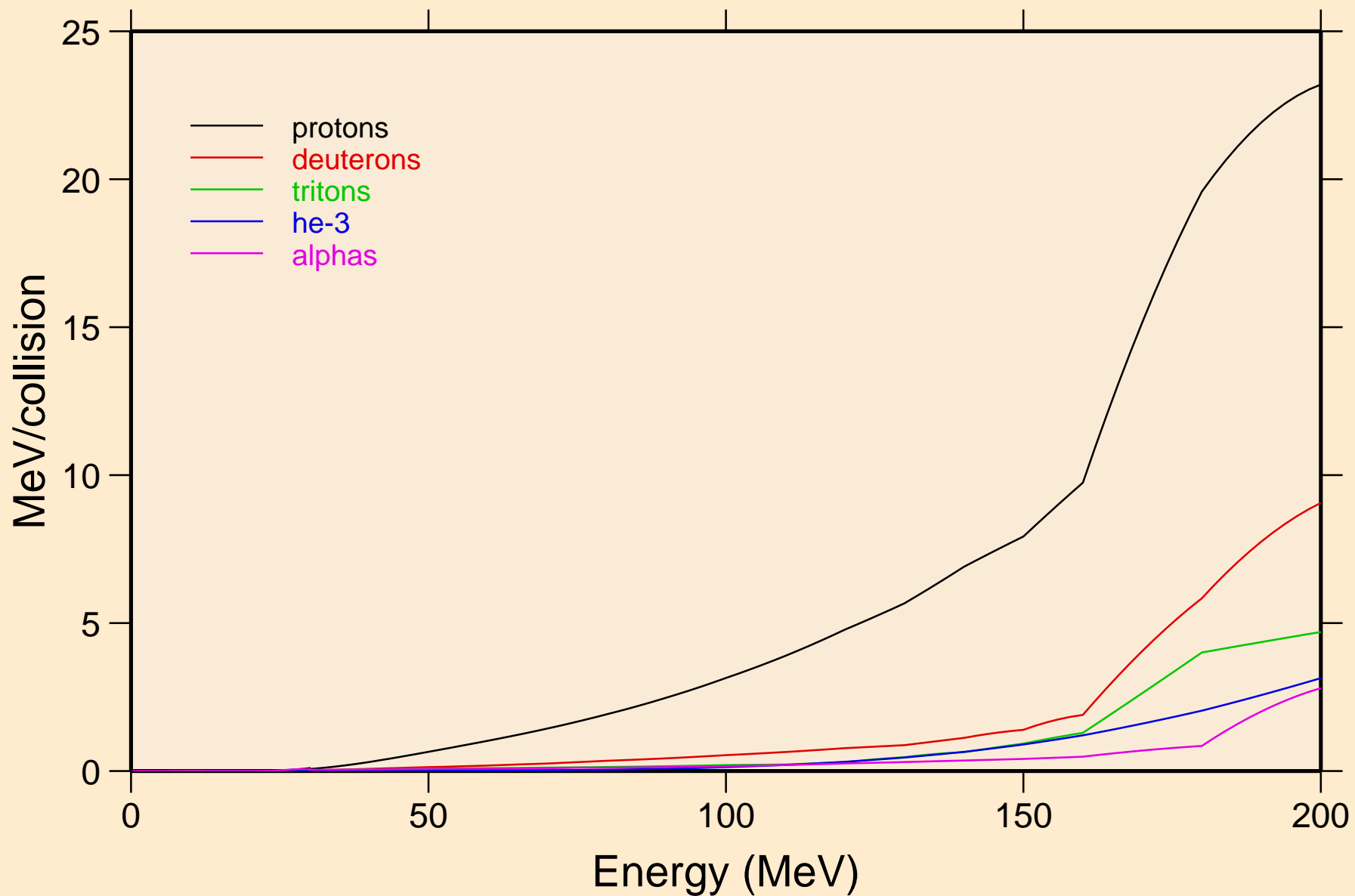


HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
14 MeV photon spectrum

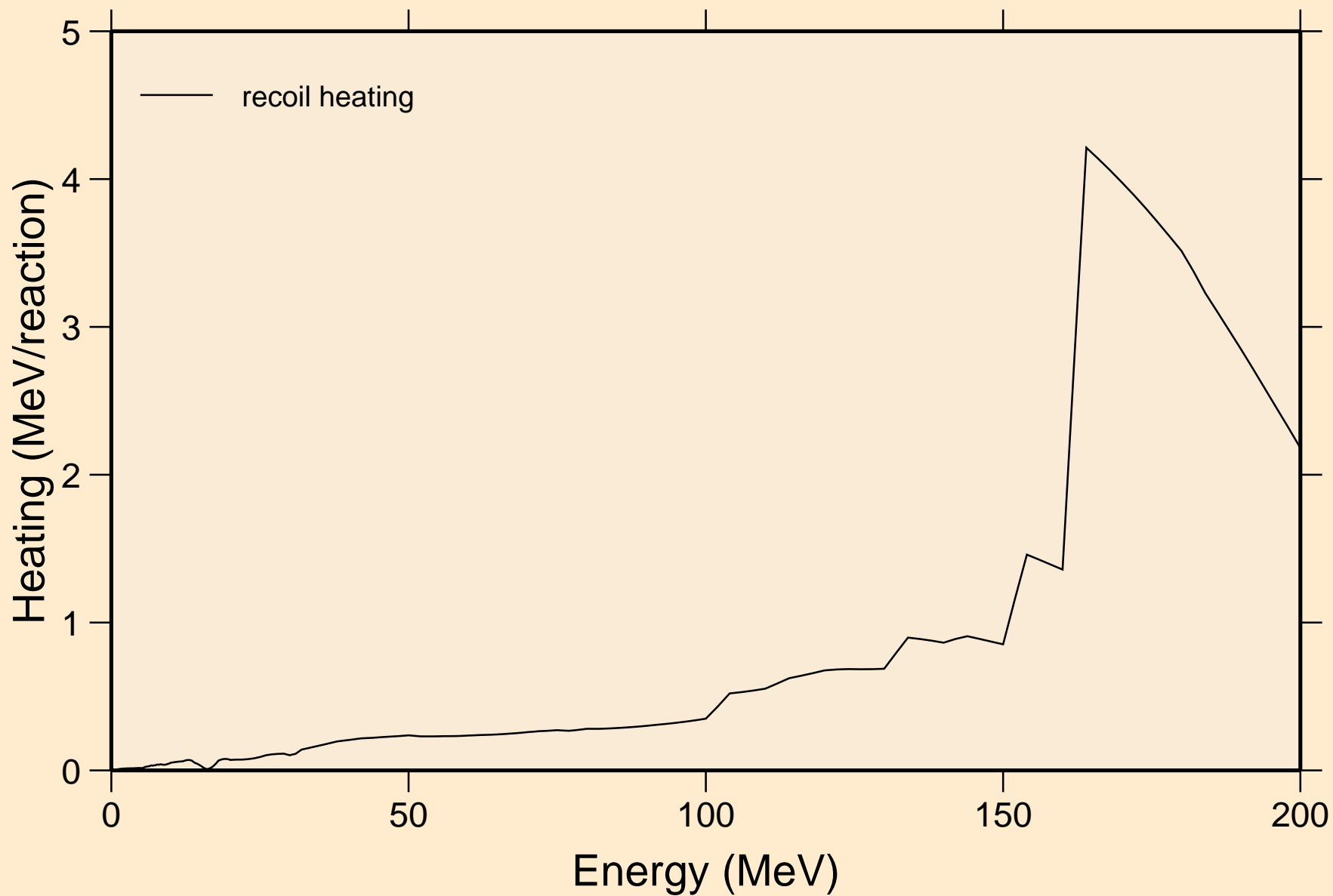


# HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

## Particle heating contributions

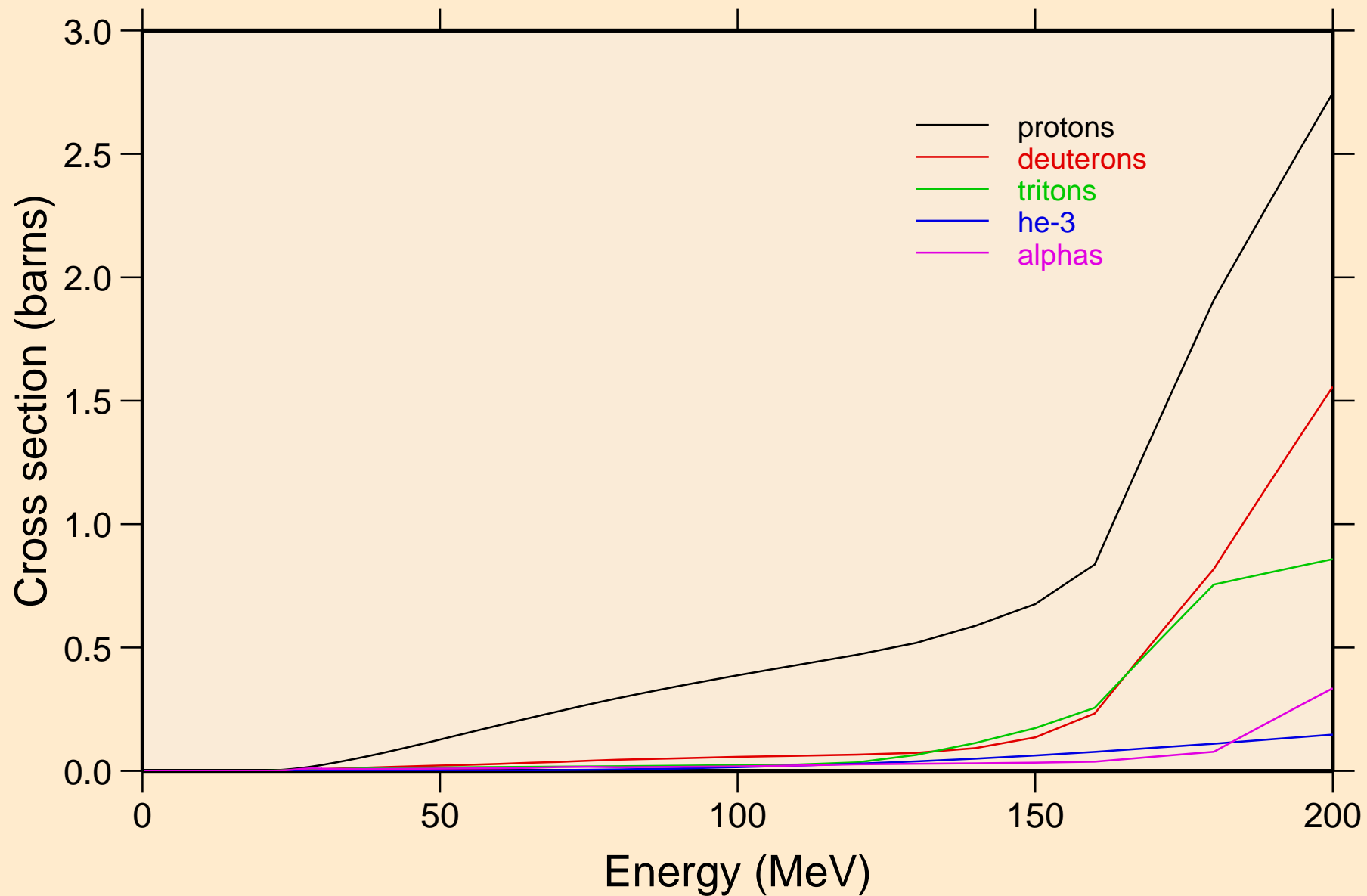


HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Recoil Heating



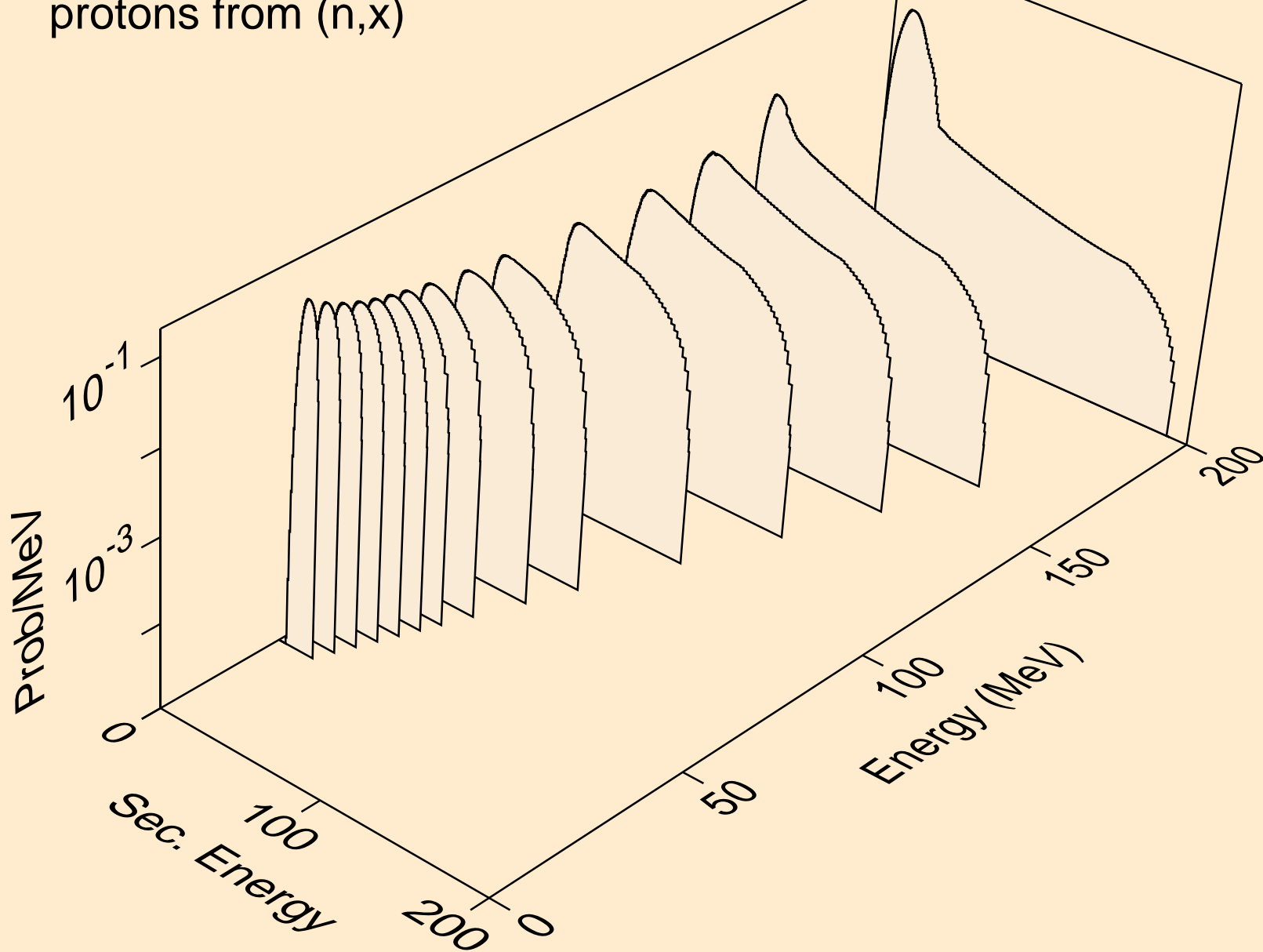
# HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

## Particle production cross sections

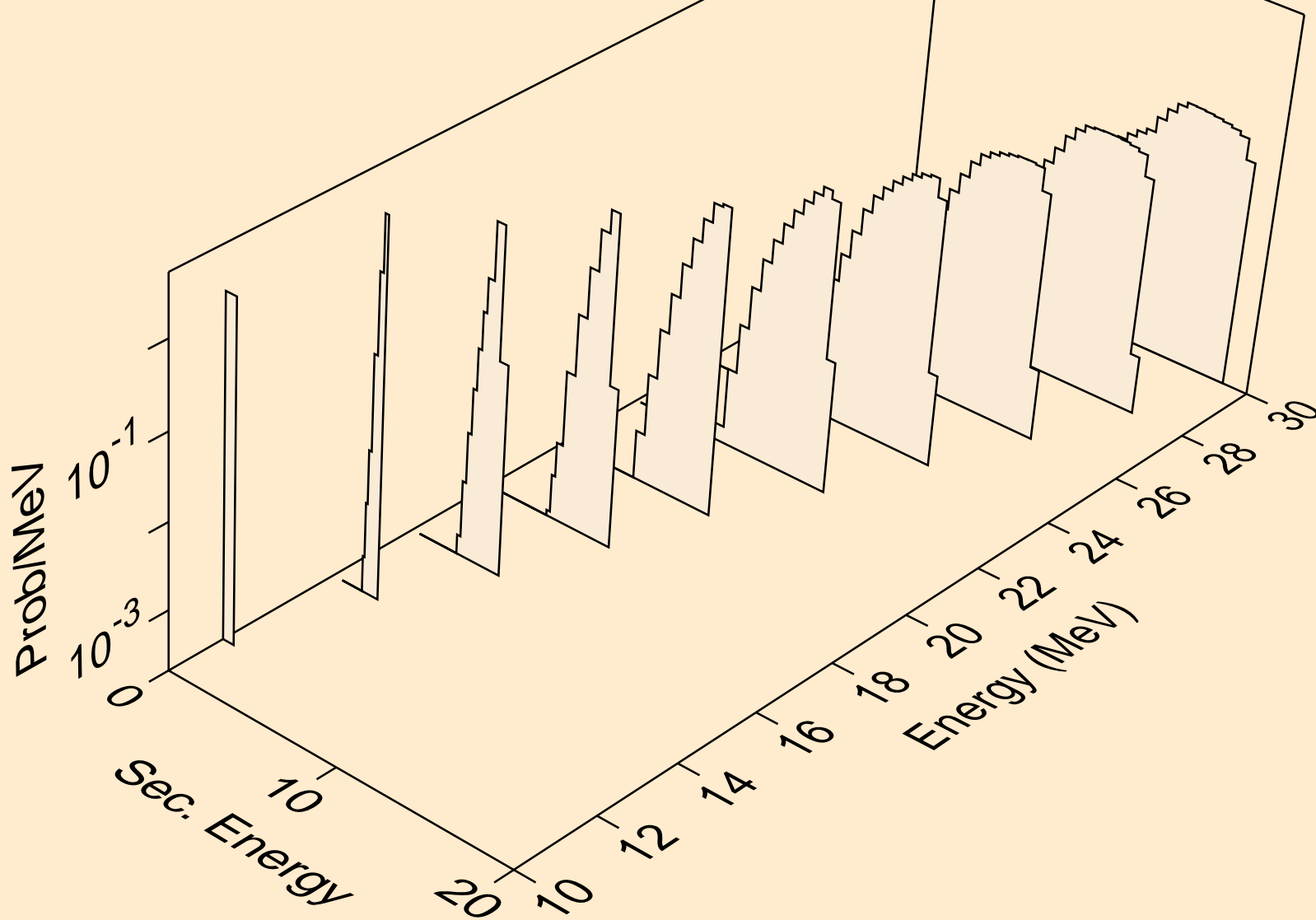




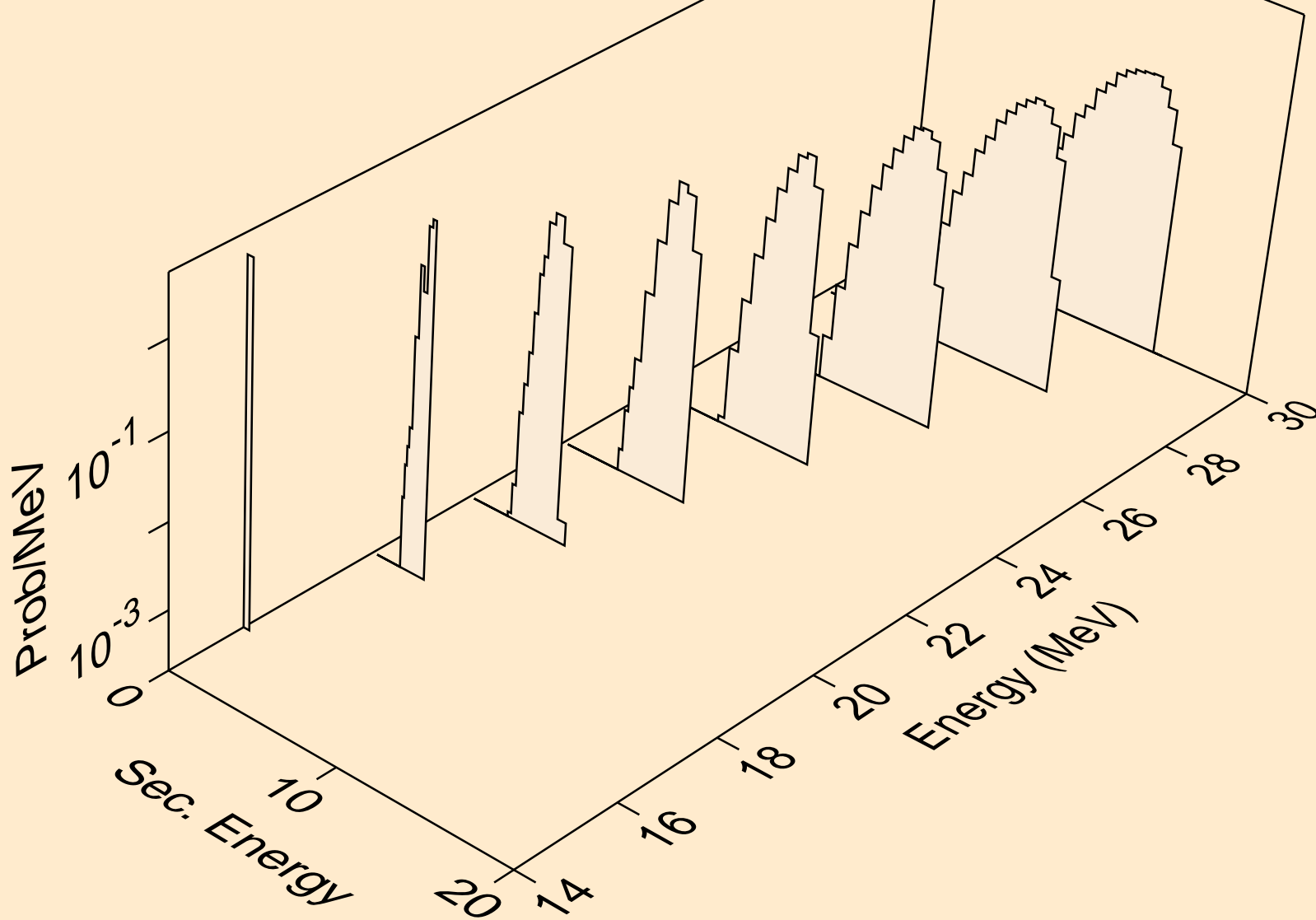
HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,x)



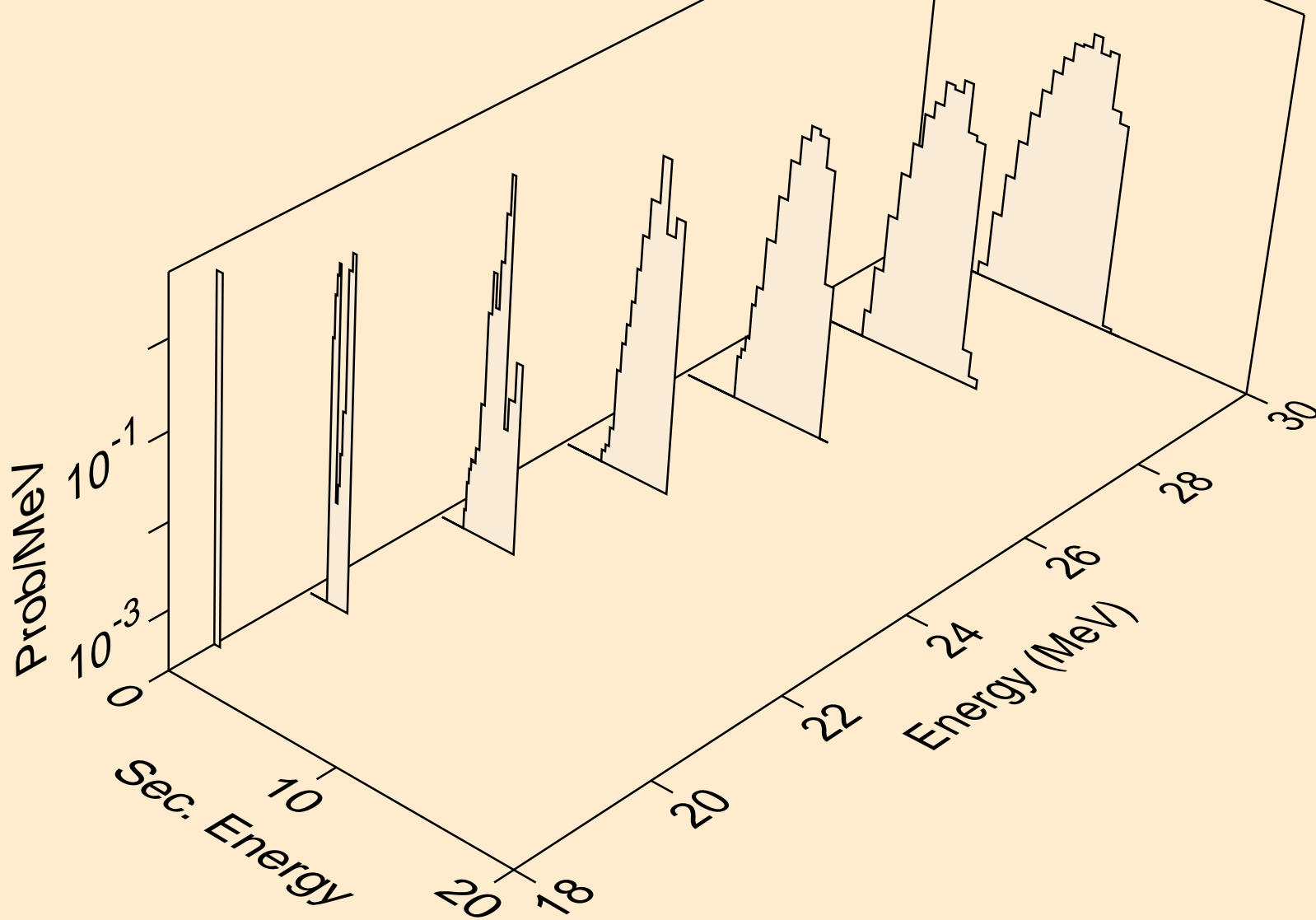
HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,n\*)p



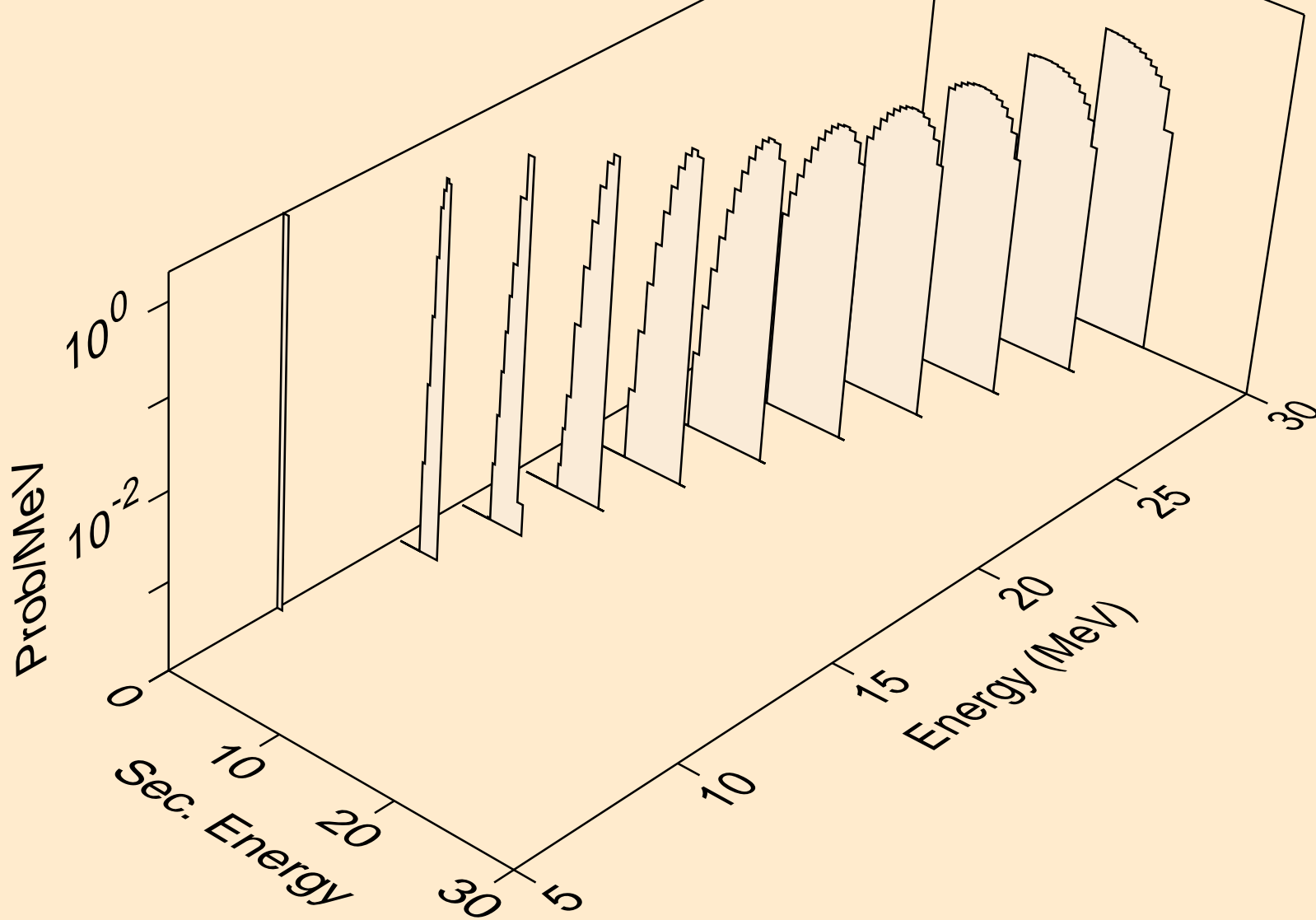
HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2np)



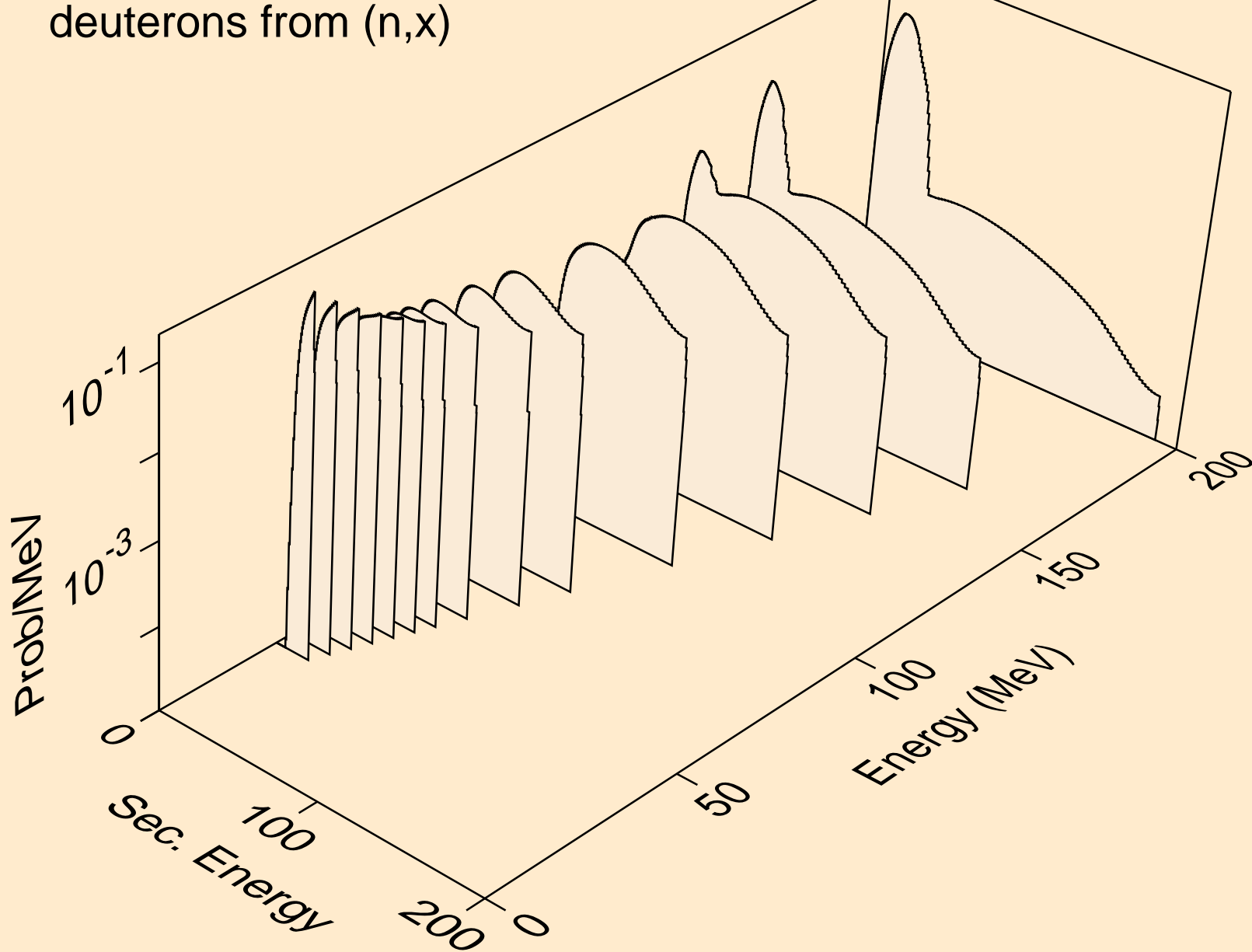
HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,3np)



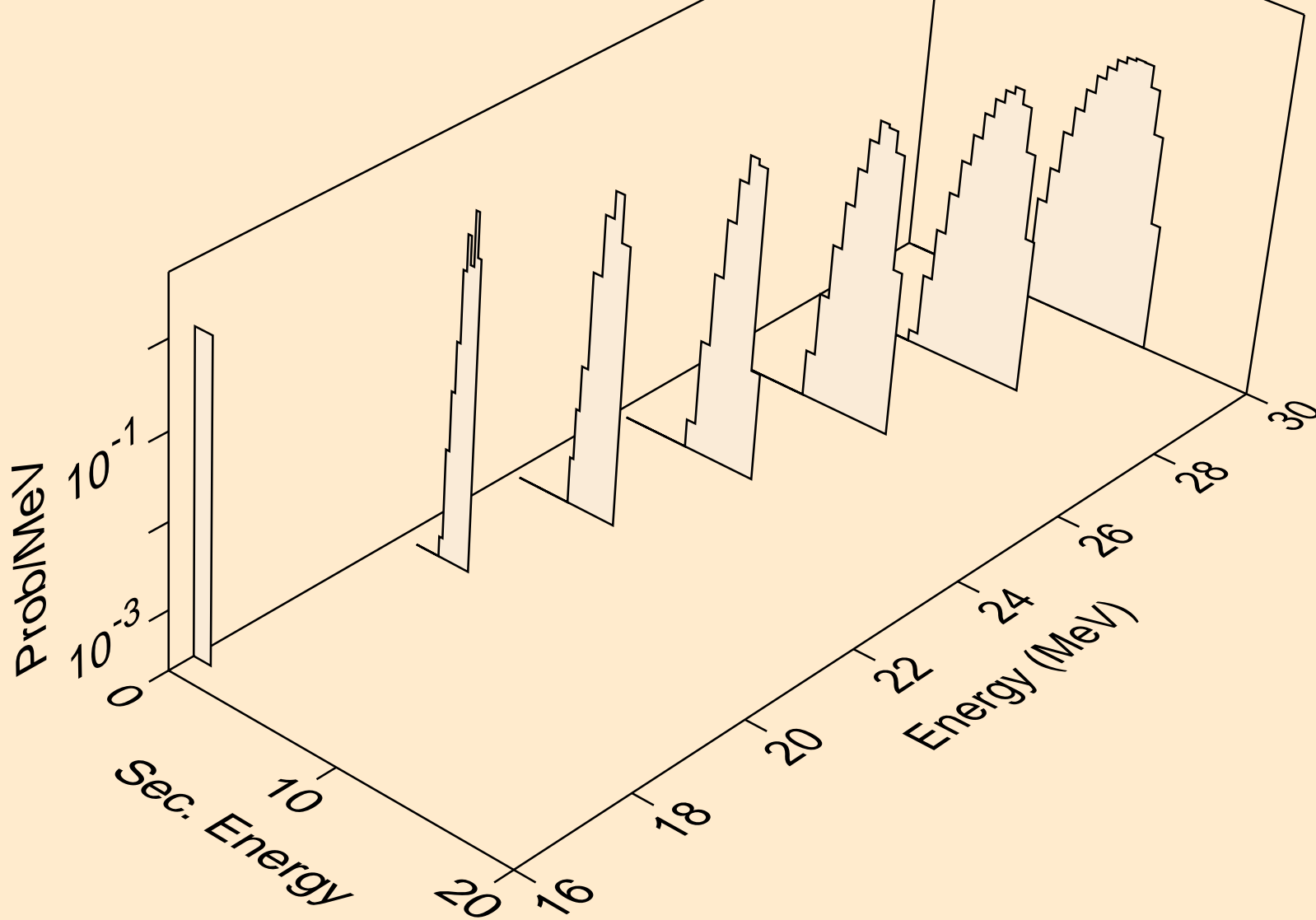
HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,p)



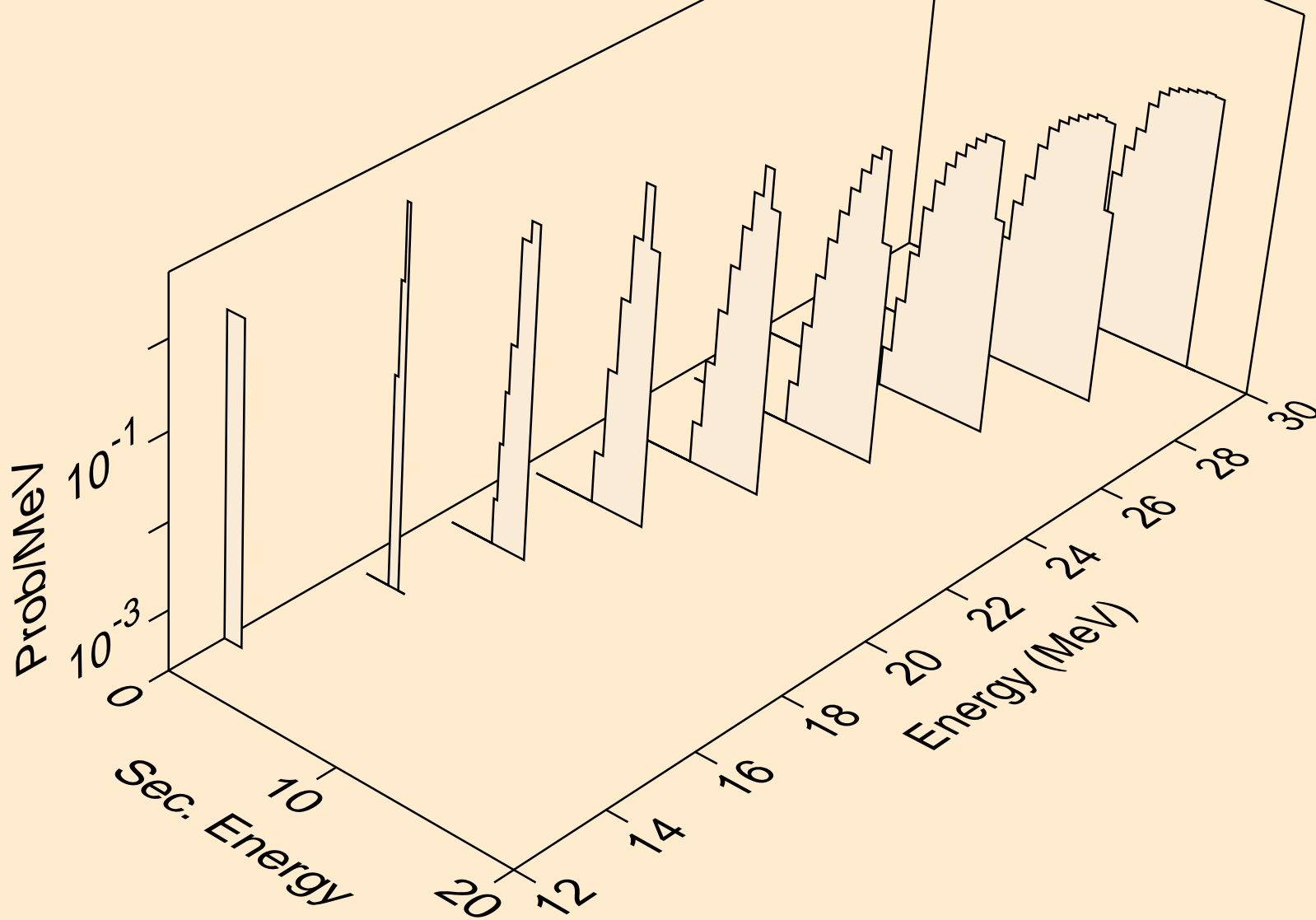
HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,x)



HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,2nd)

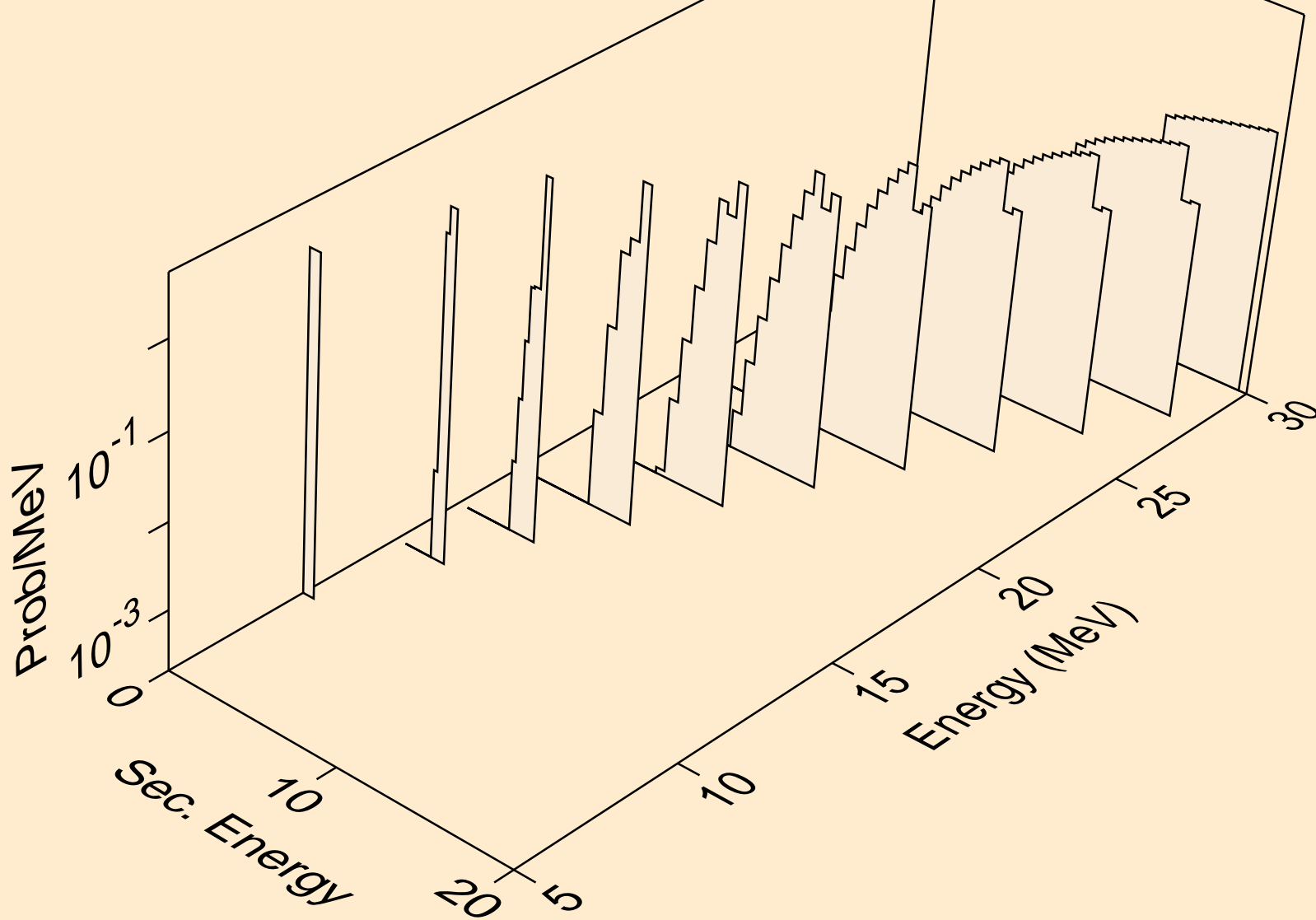


HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,n\*)d

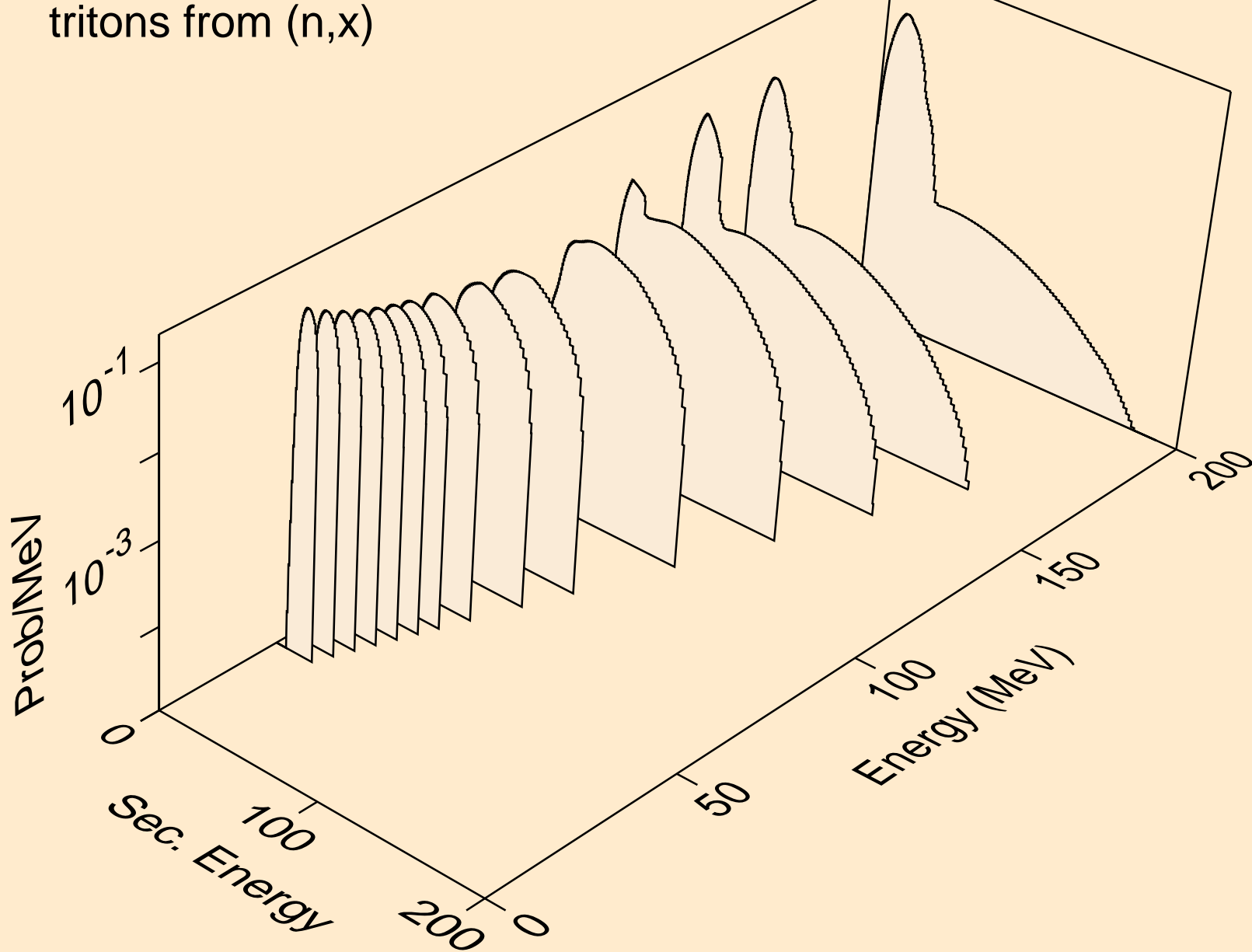




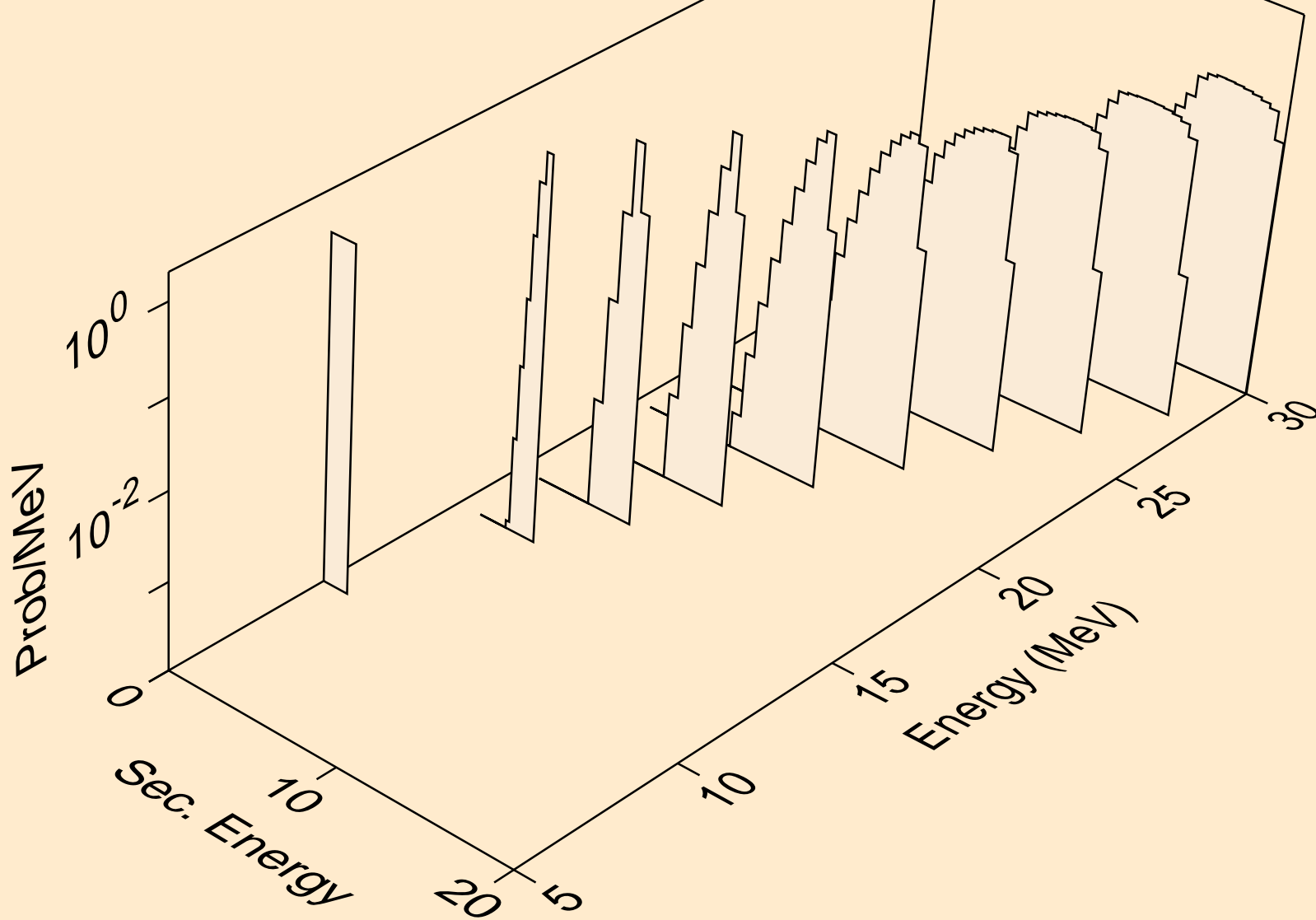
HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,d)



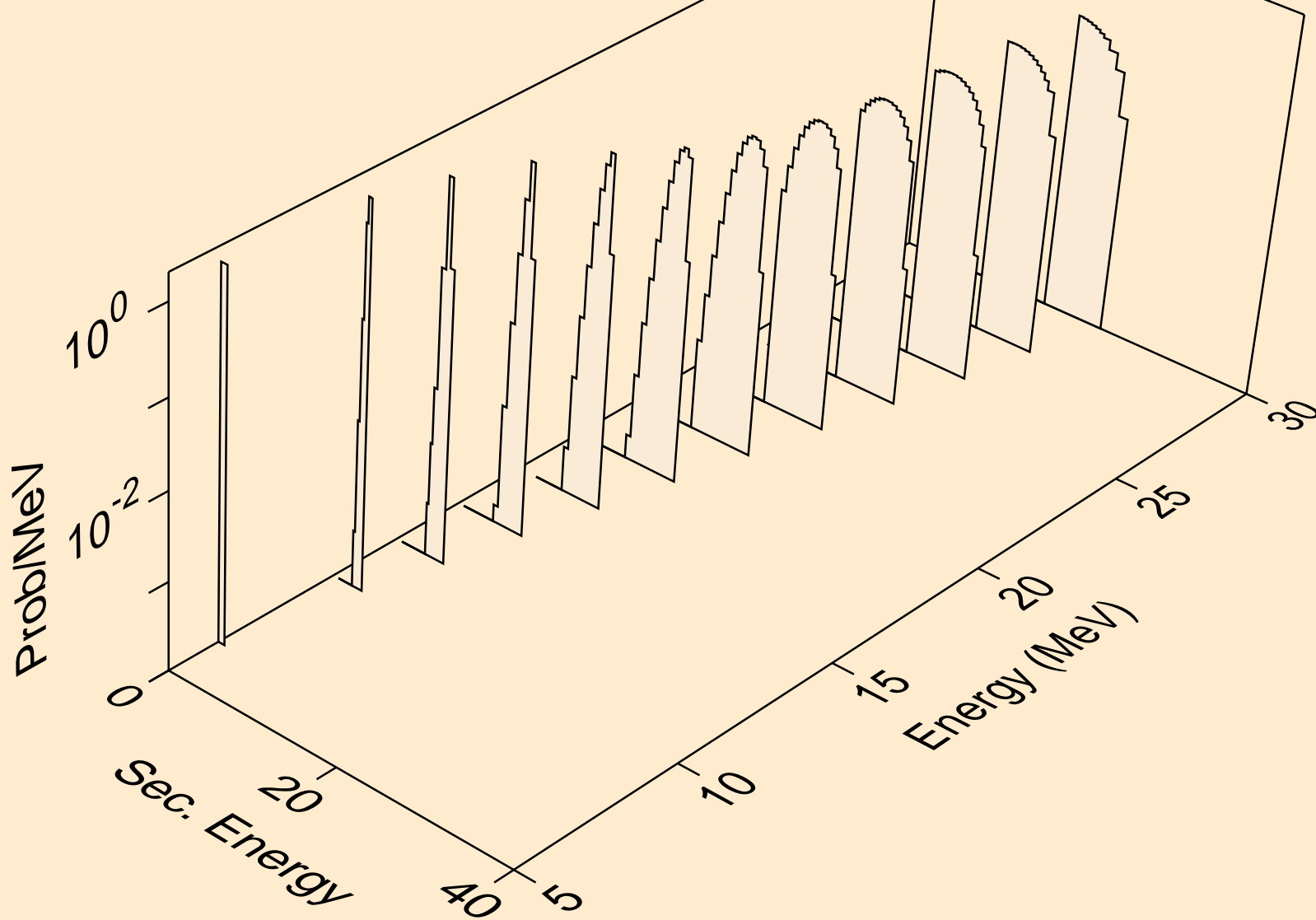
HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,x)



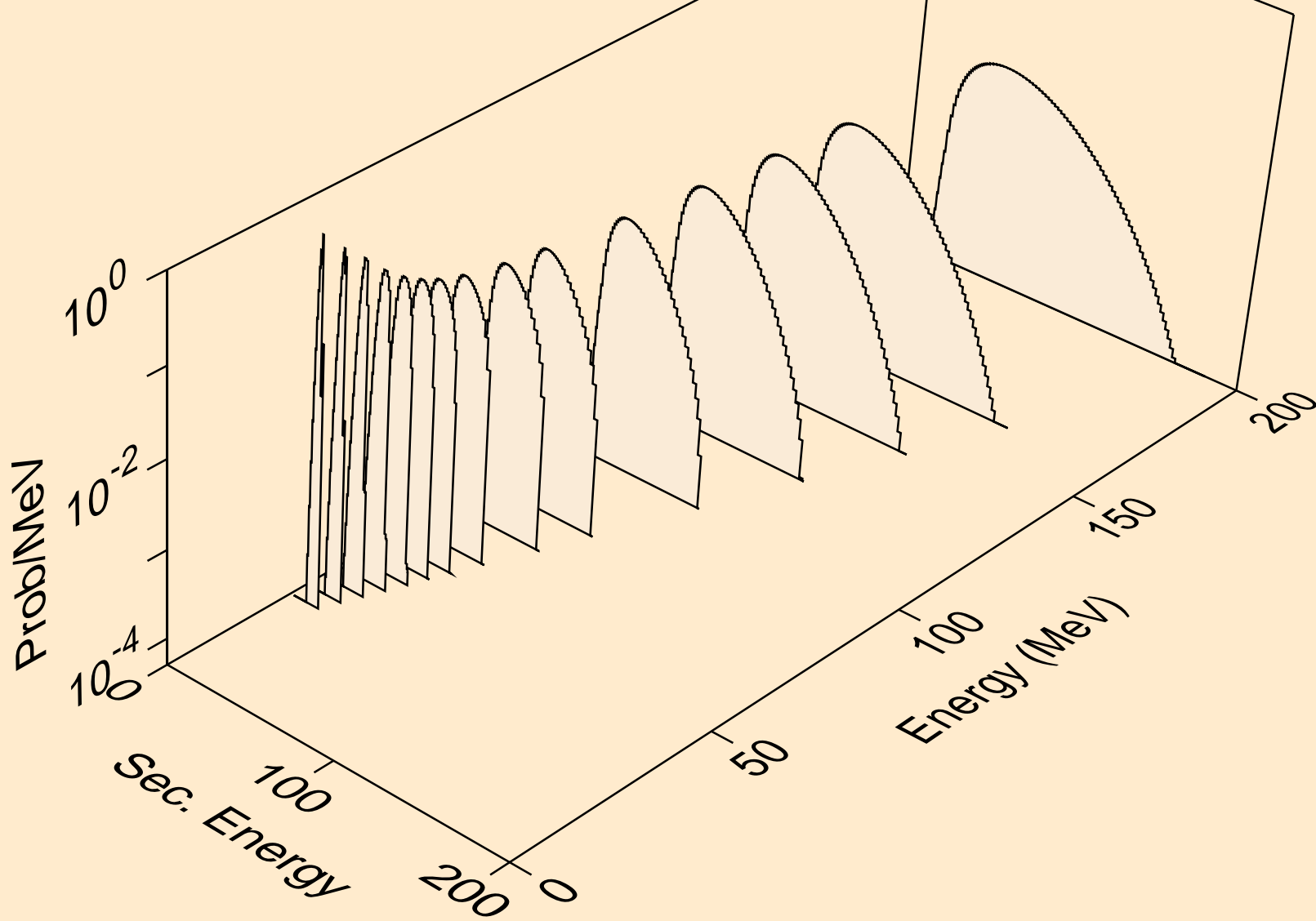
HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,n\*)t



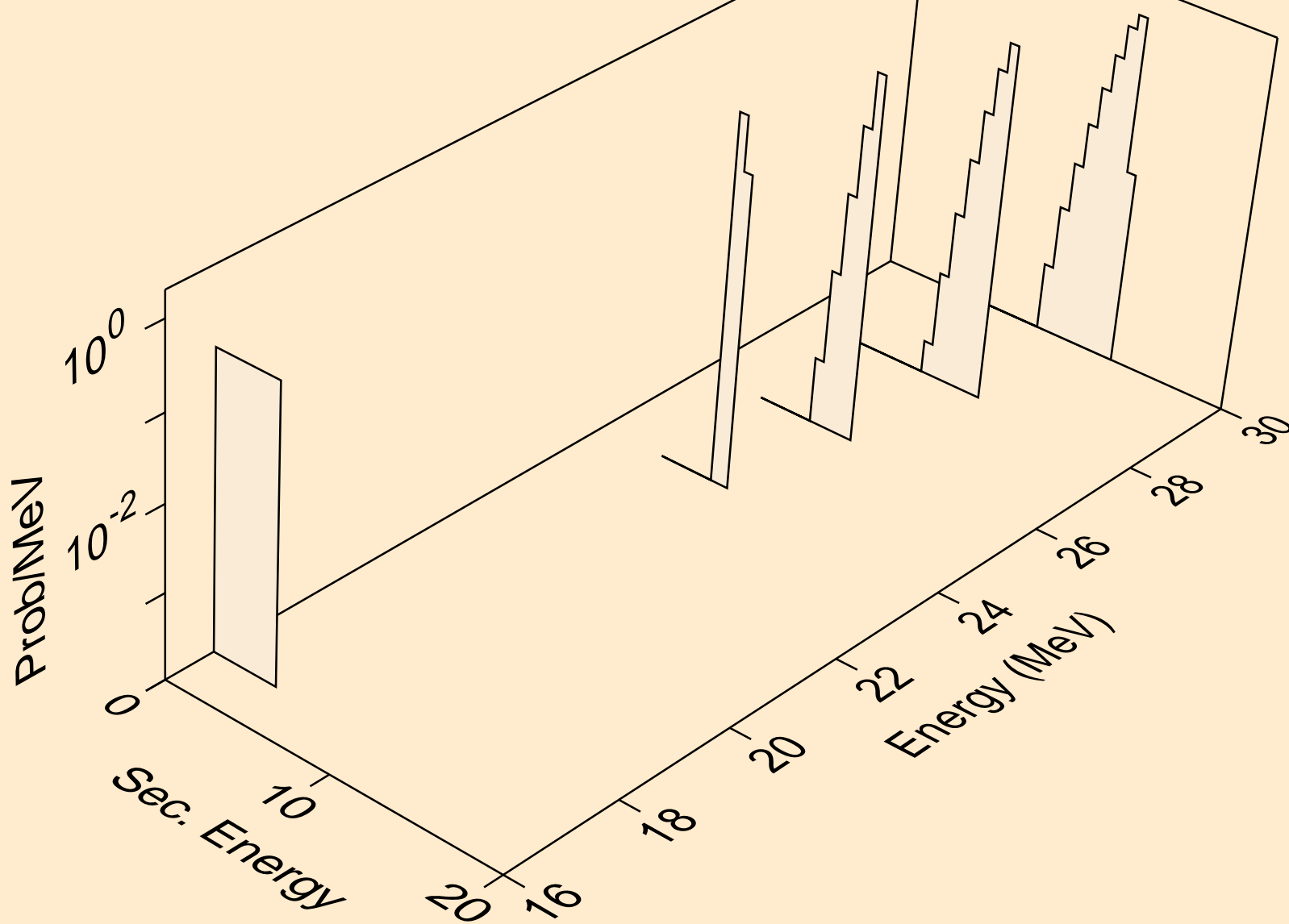
HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,t)



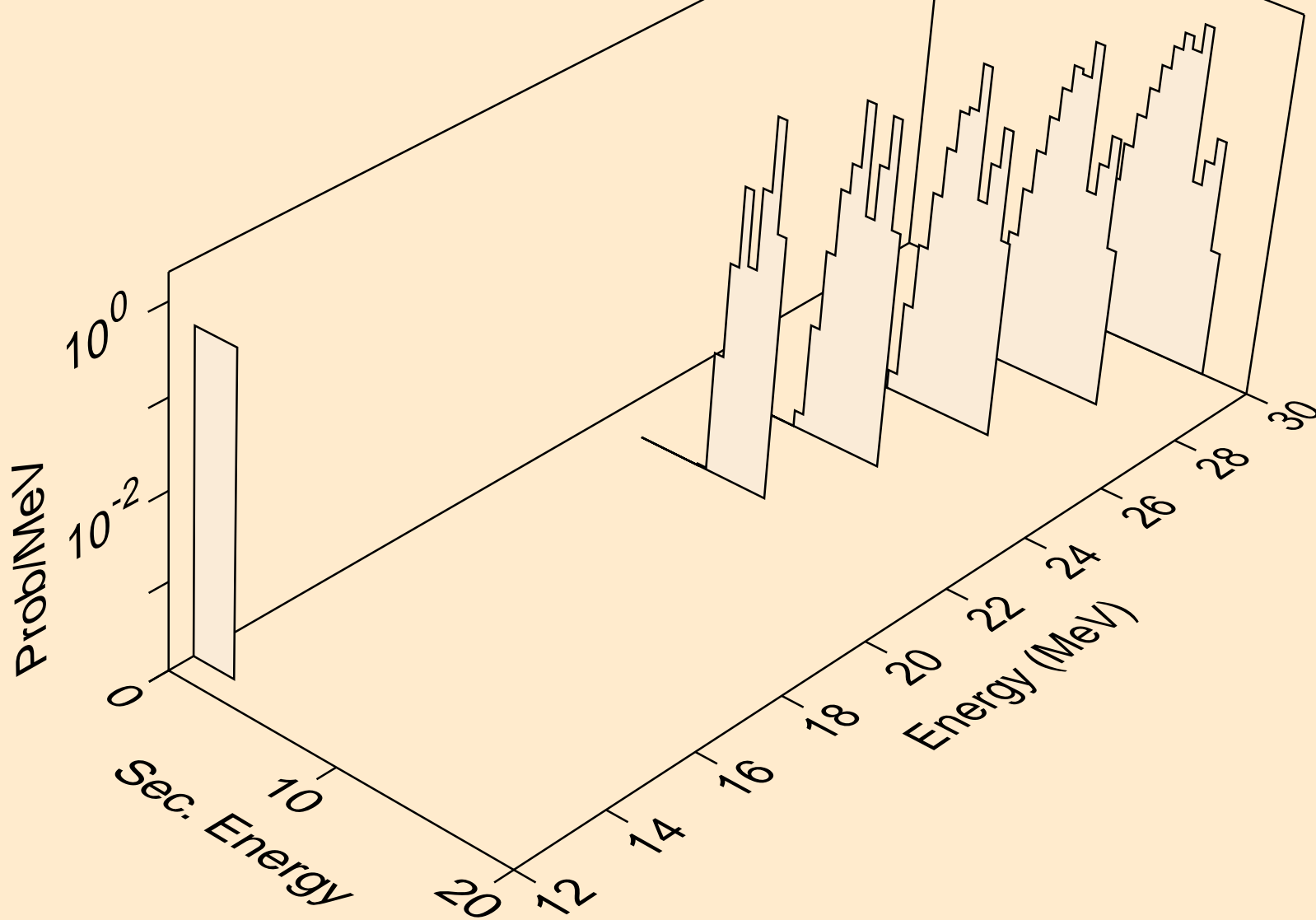
HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,x)



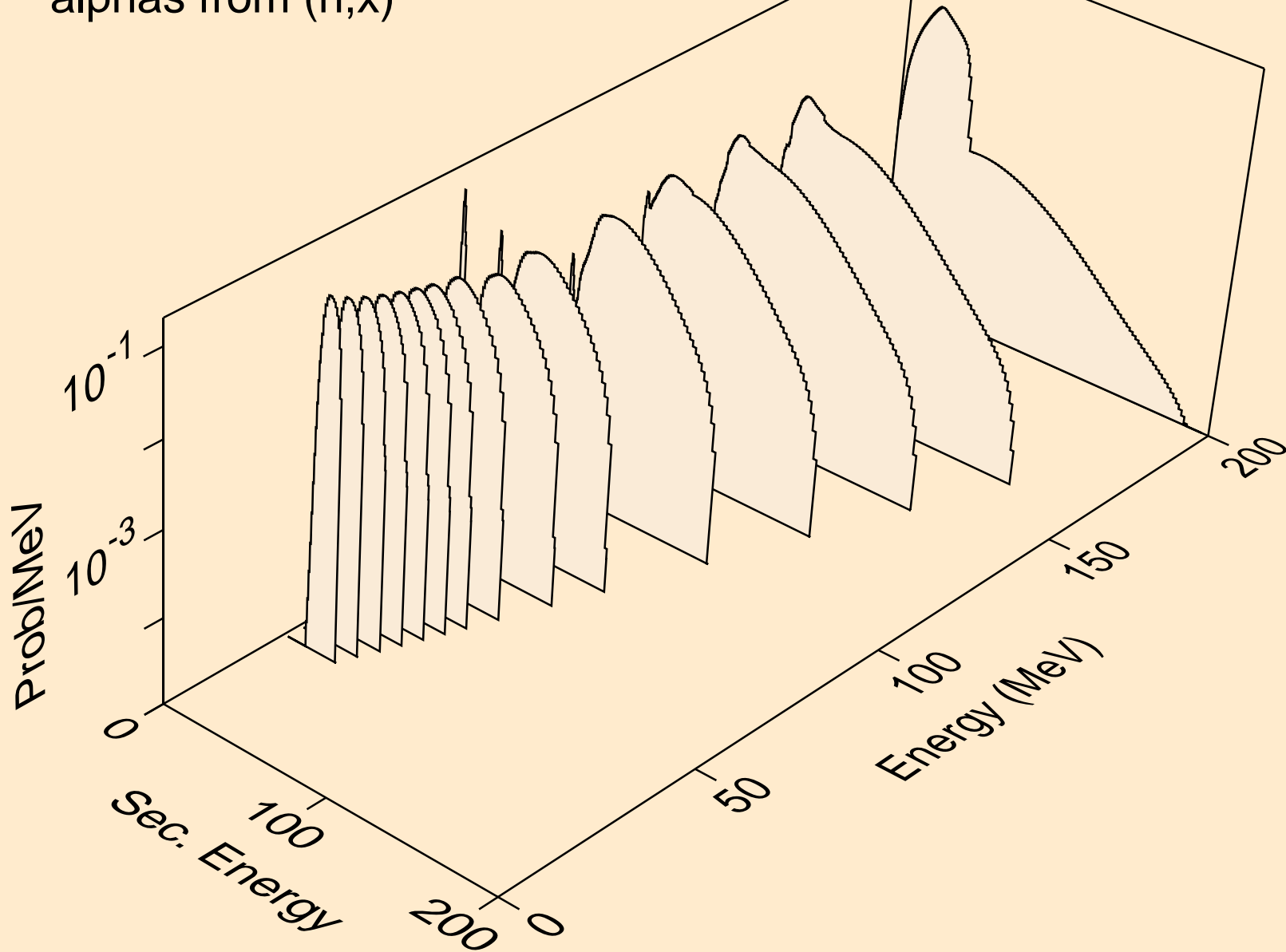
HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,n\*)he3



HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,he3)

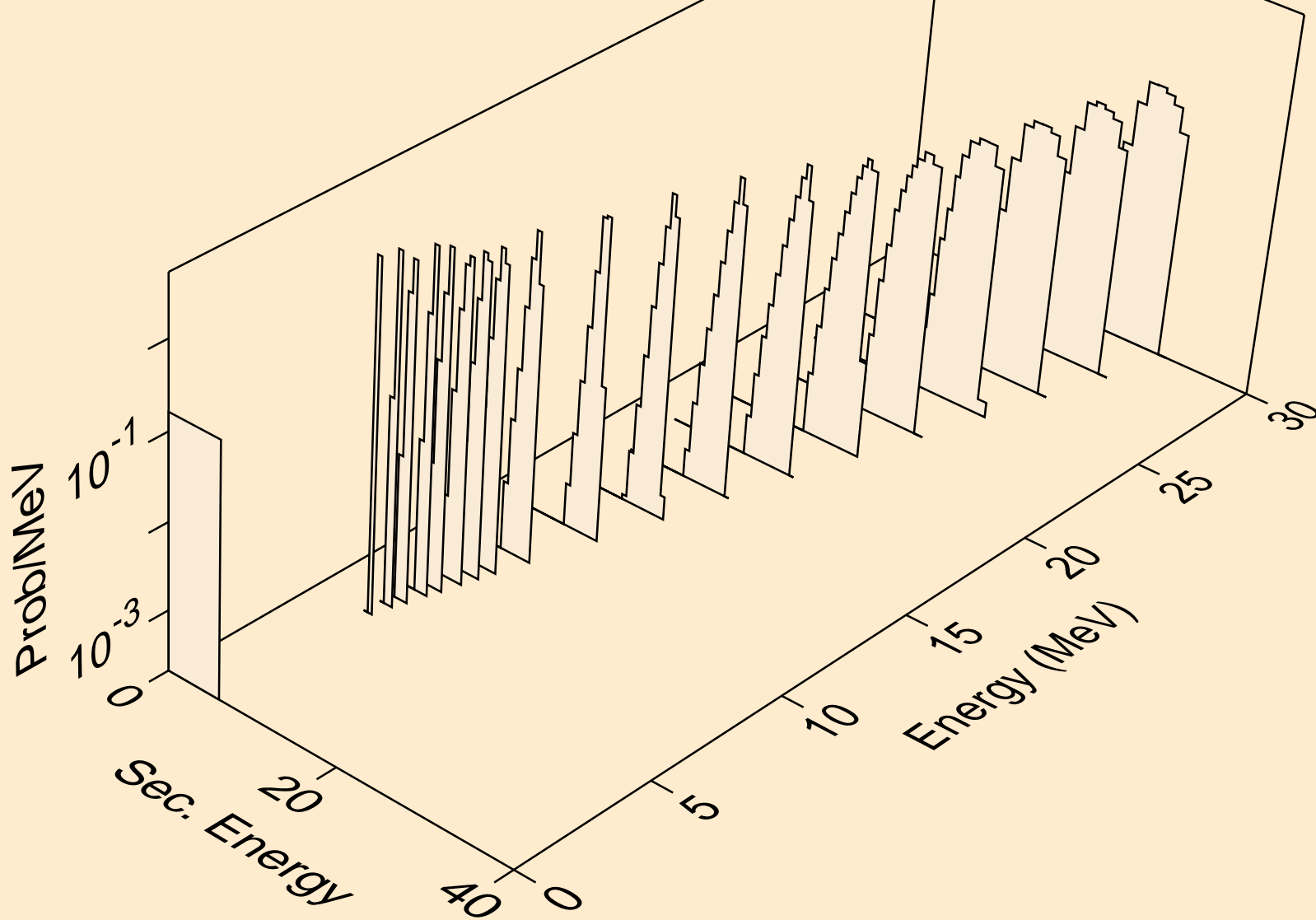


HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,x)

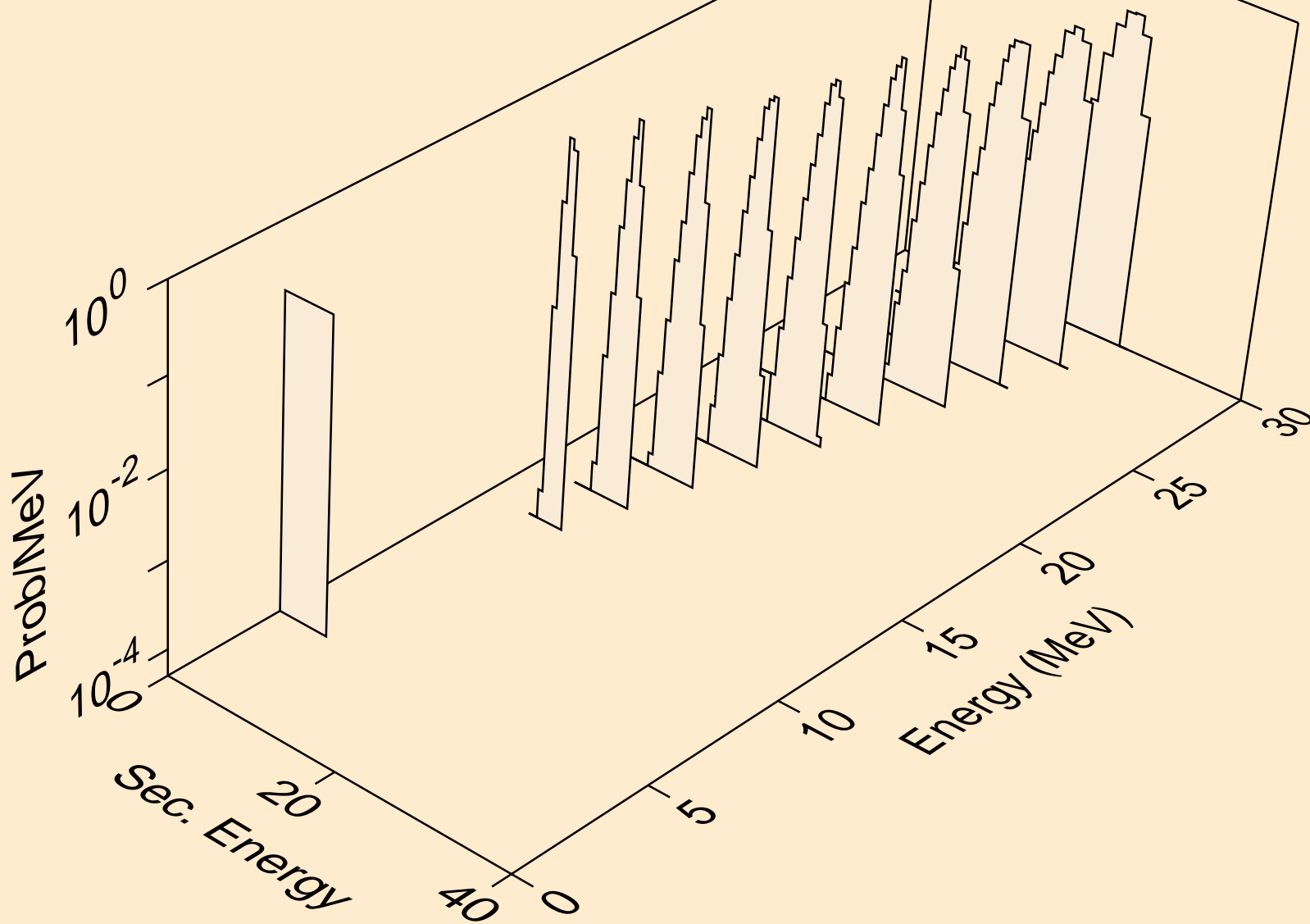




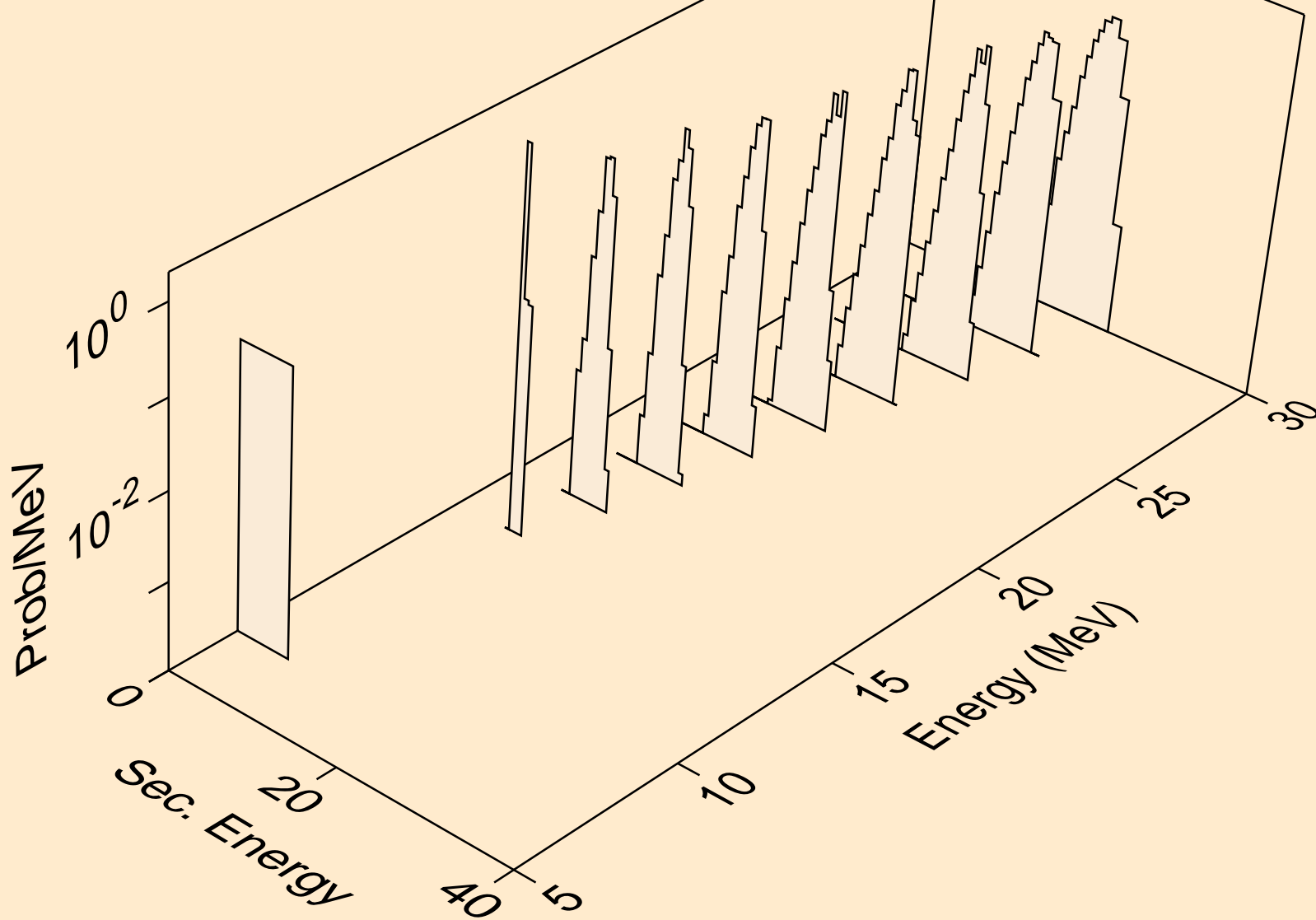
HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)a



HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2n)a



HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,3n)a



HG212 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,a)

