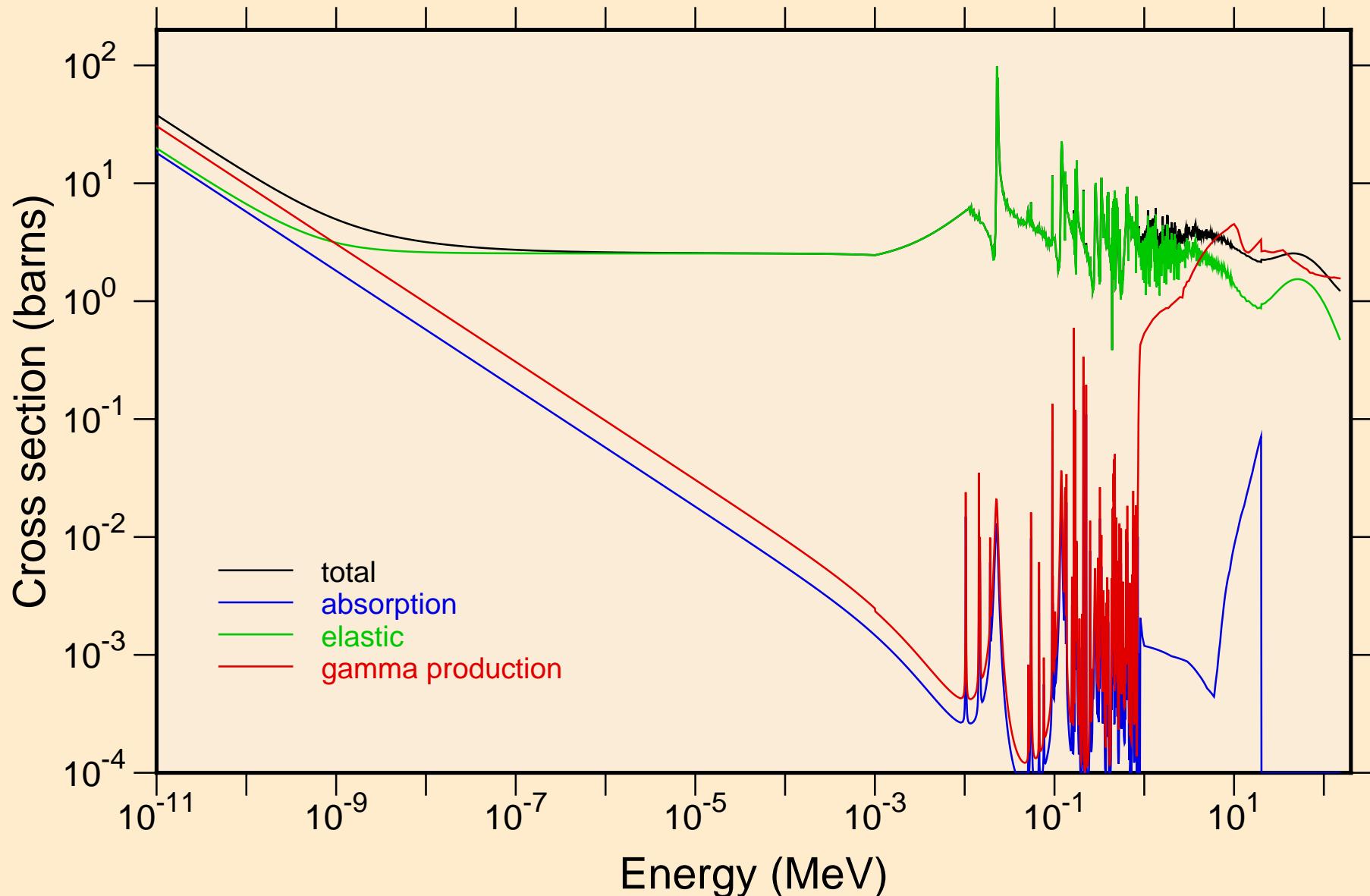
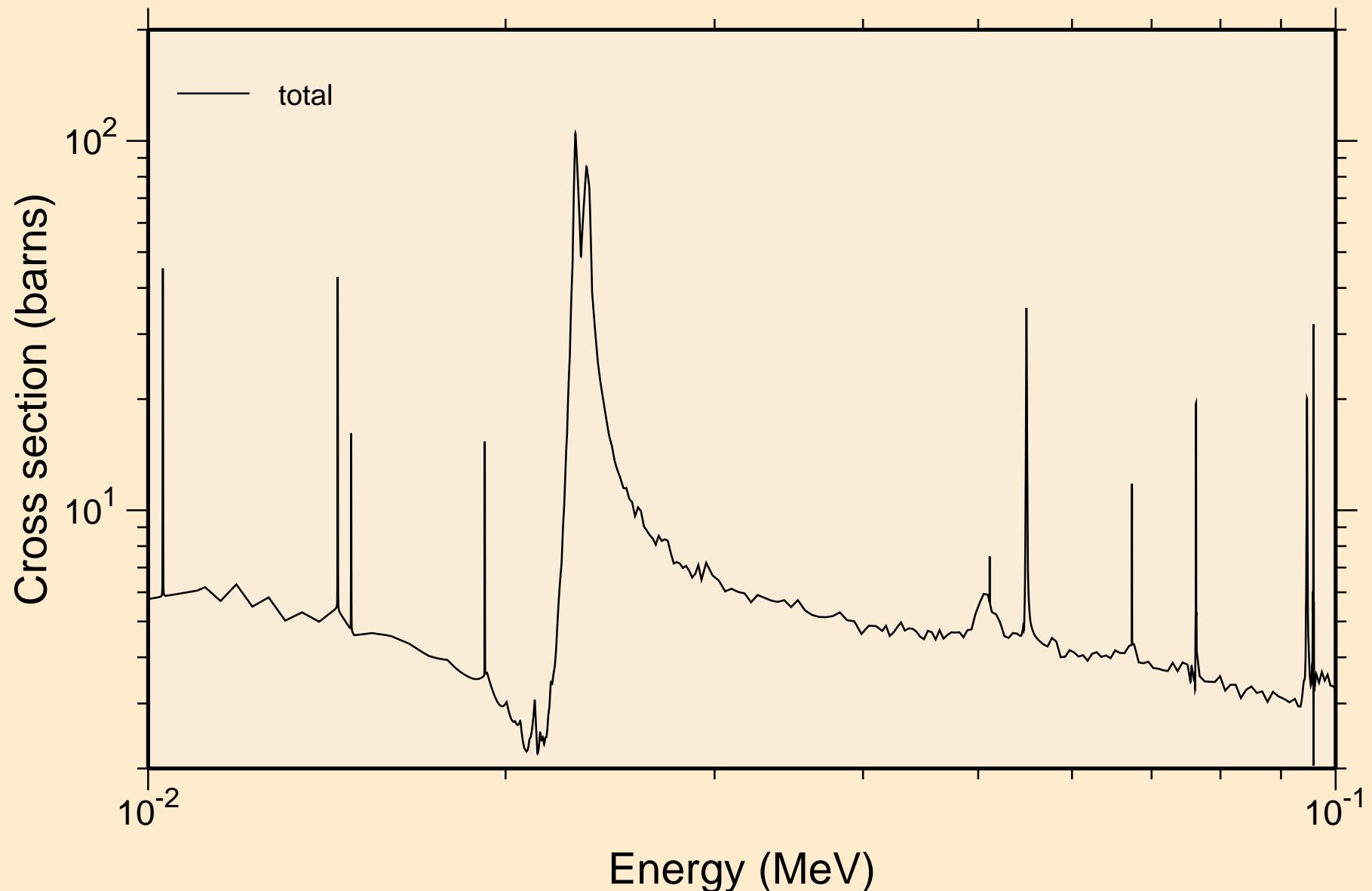


# ENDF/B-VII CR-54

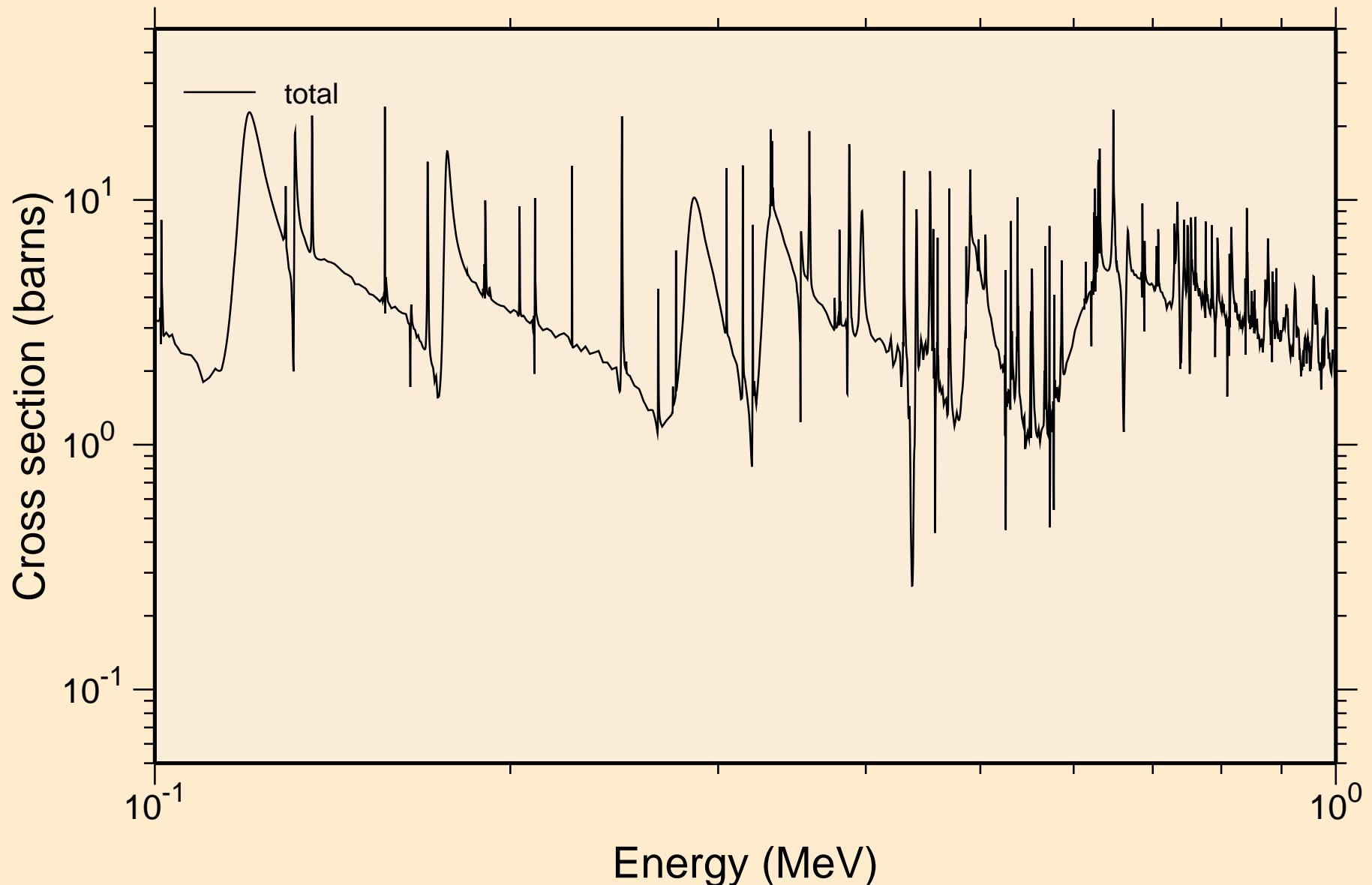
## Principal cross sections



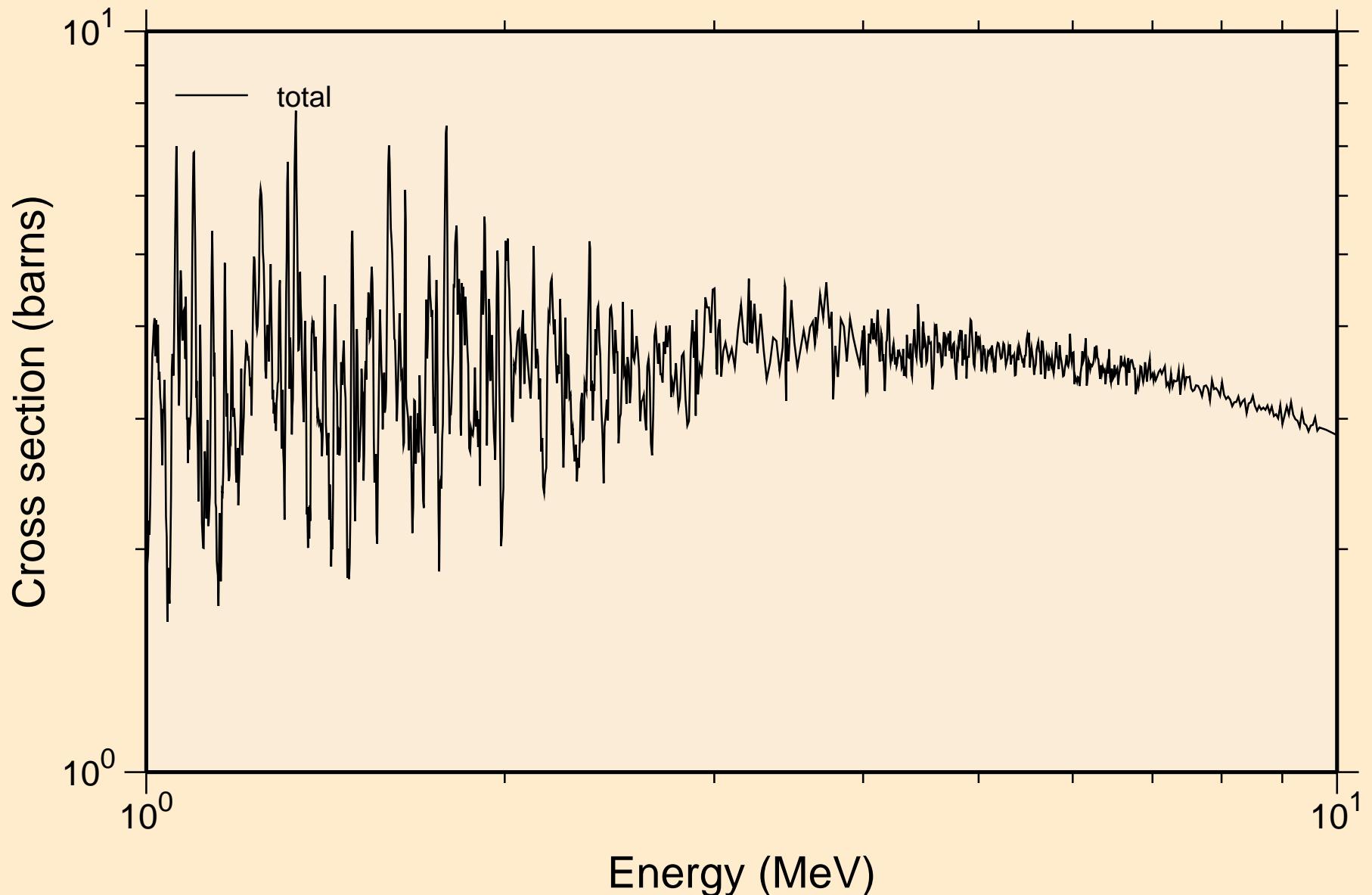
ENDF/B-VII CR-54  
resonance total cross section



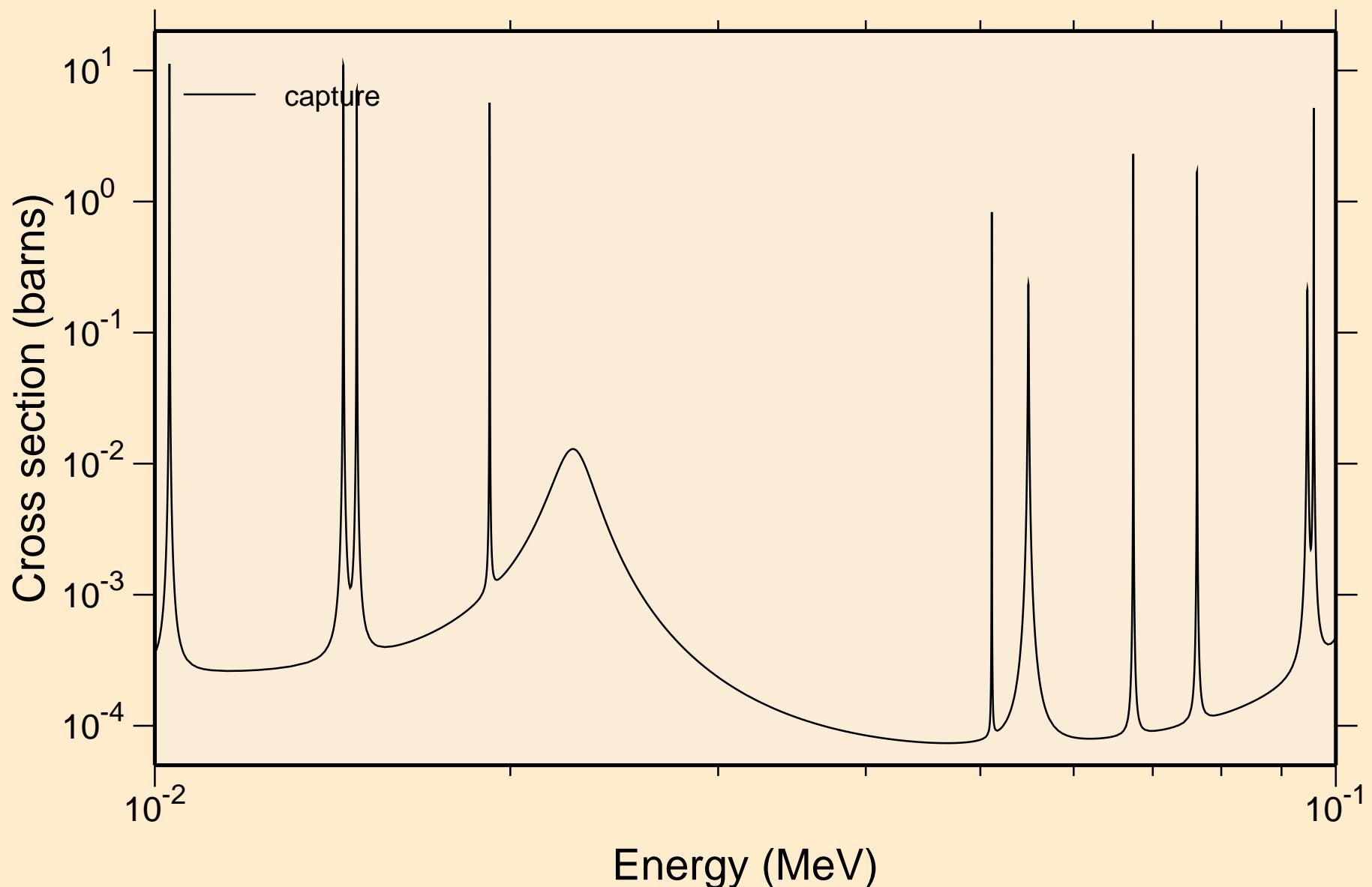
ENDF/B-VII CR-54  
resonance total cross section



ENDF/B-VII CR-54  
resonance total cross section

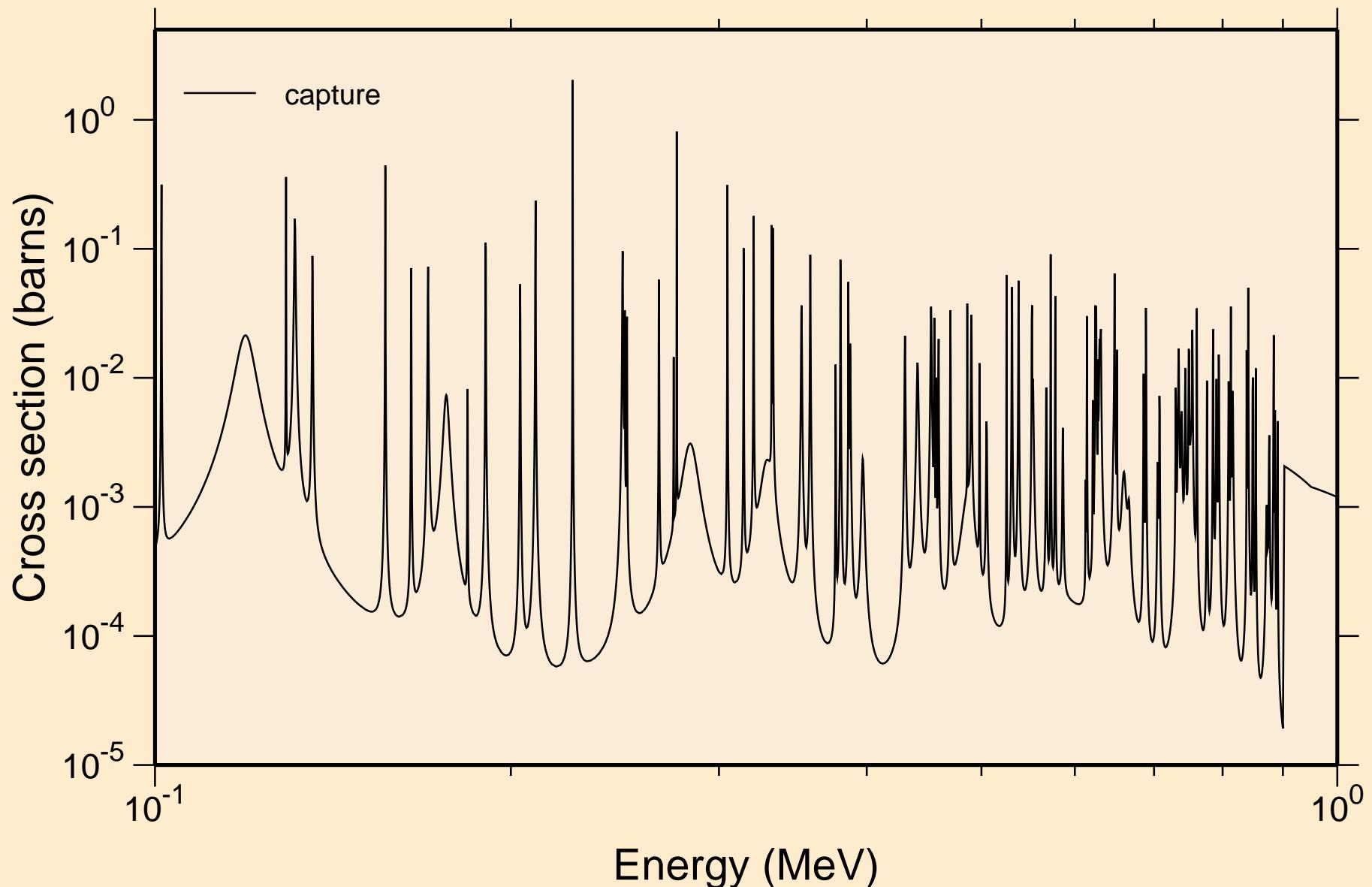


ENDF/B-VII CR-54  
resonance absorption cross sections

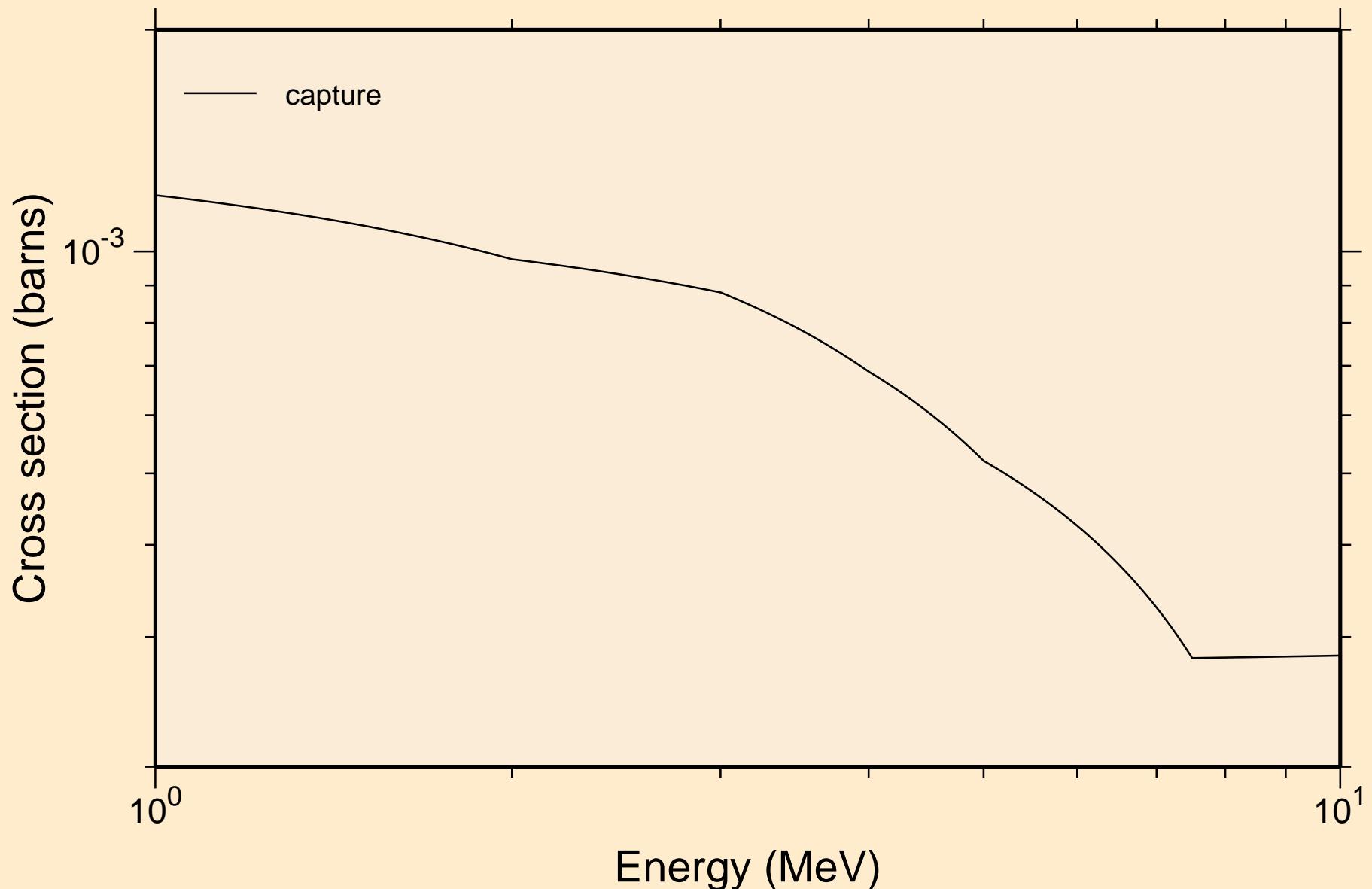


# ENDF/B-VII CR-54

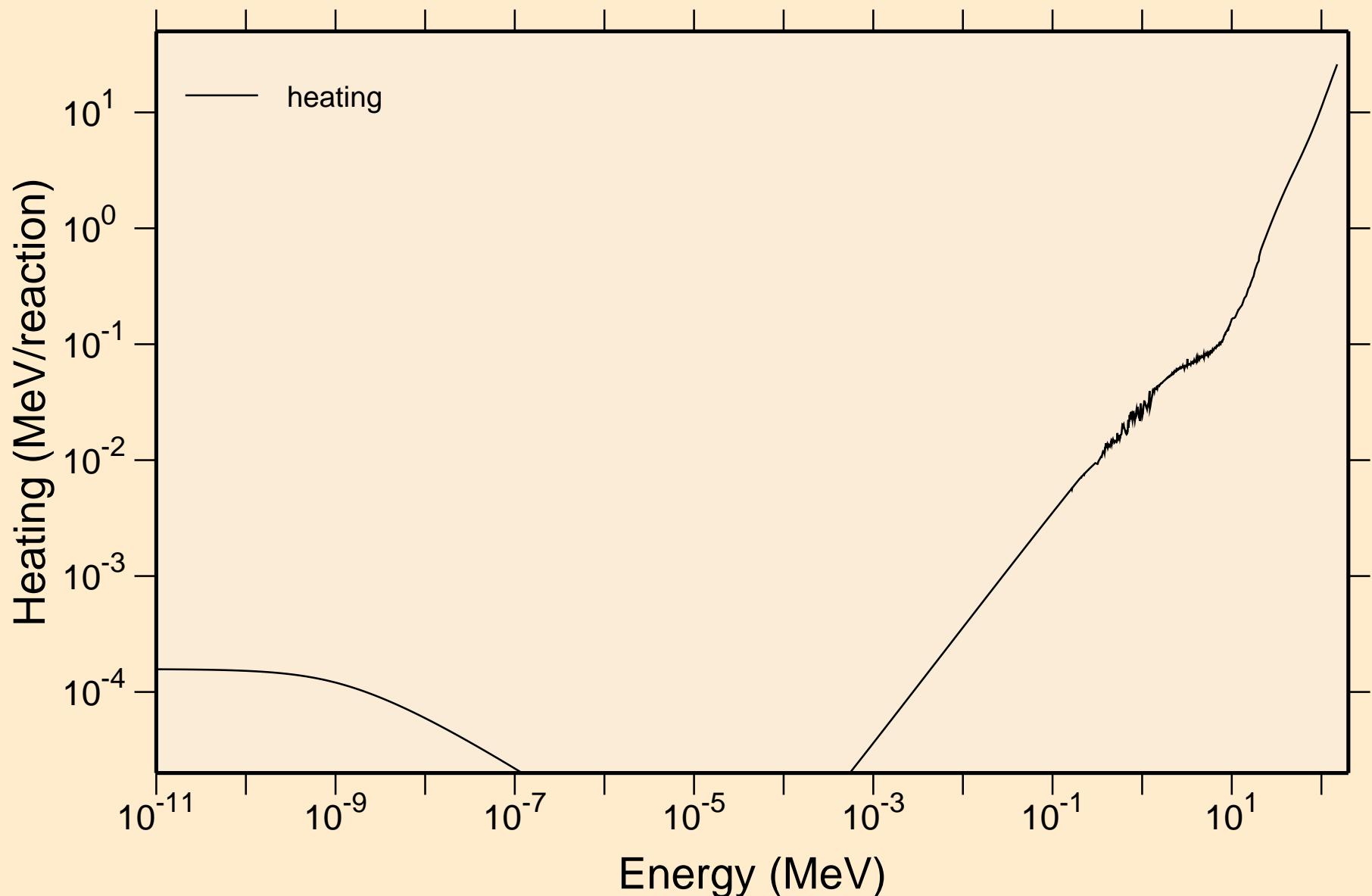
## resonance absorption cross sections



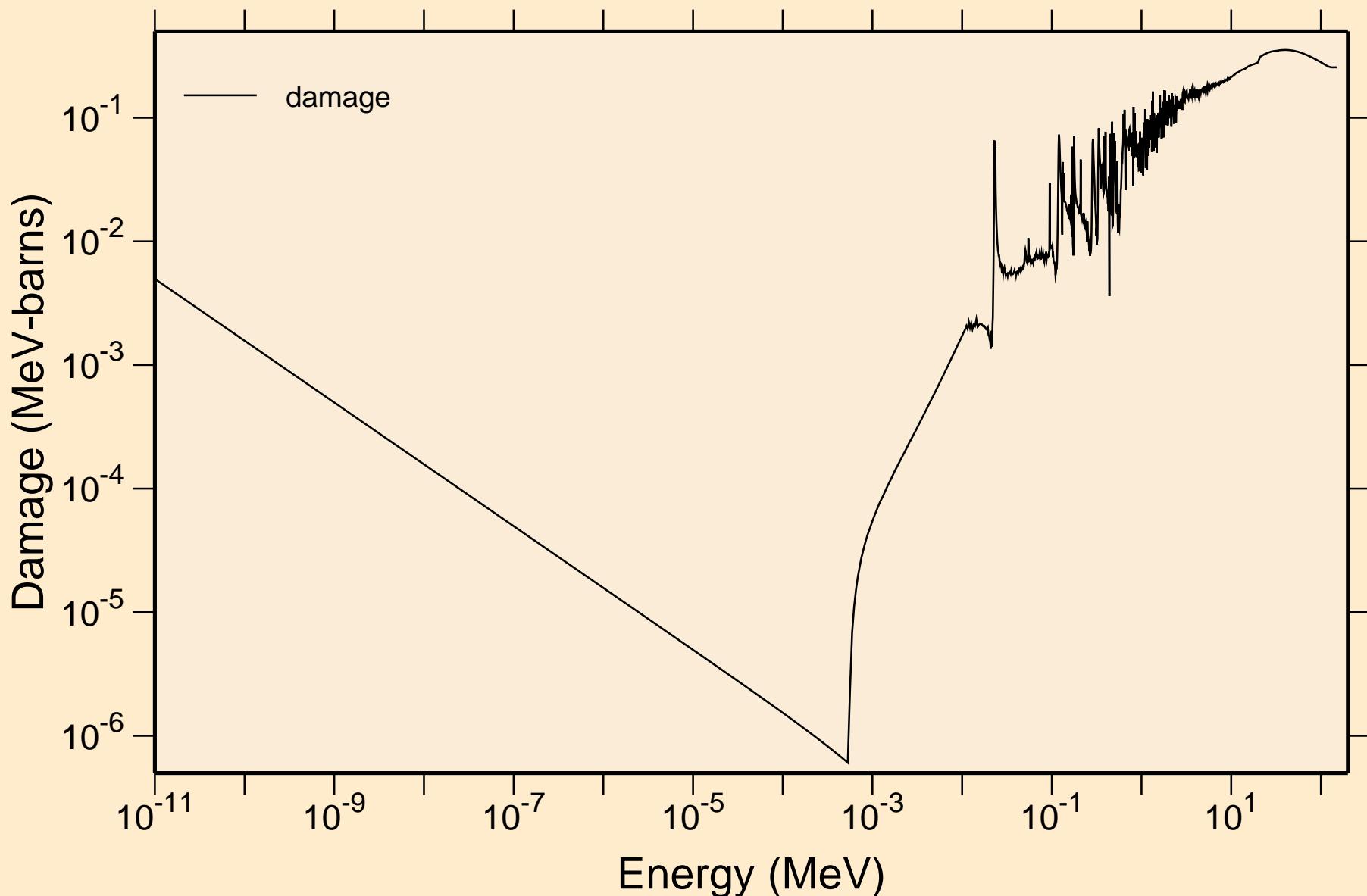
ENDF/B-VII CR-54  
resonance absorption cross sections



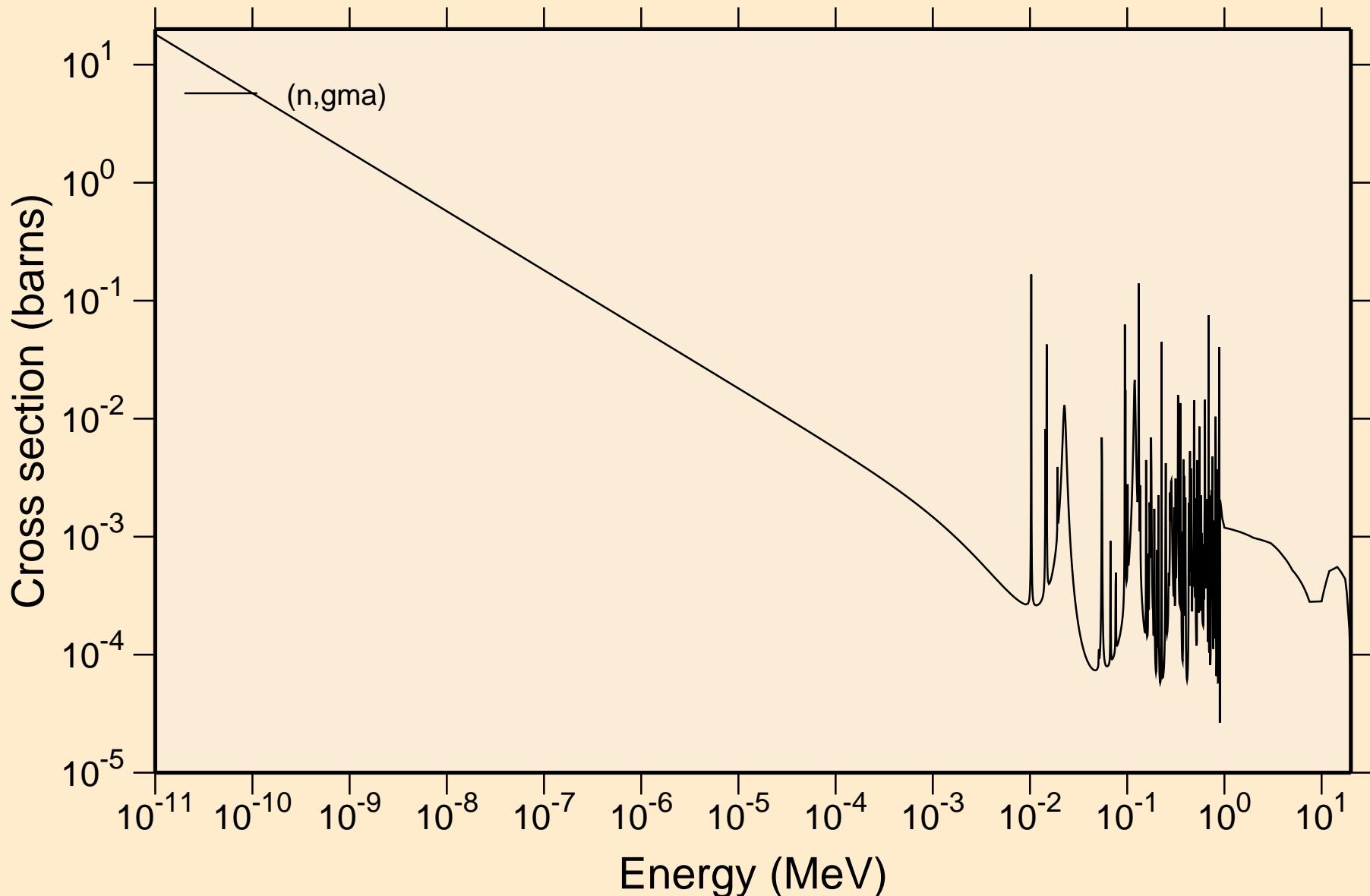
ENDF/B-VII CR-54  
Heating



ENDF/B-VII CR-54  
Damage

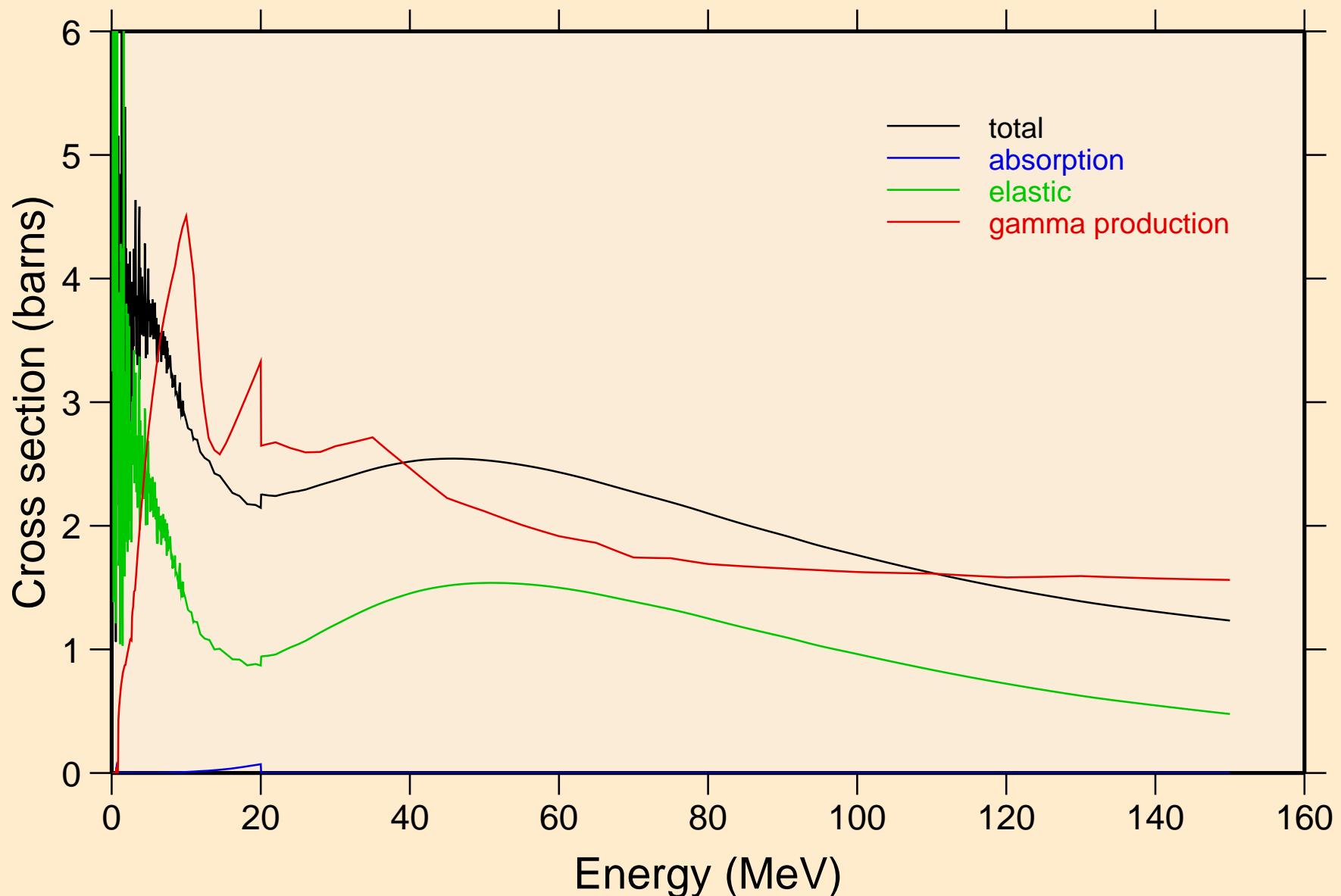


ENDF/B-VII CR-54  
Non-threshold reactions

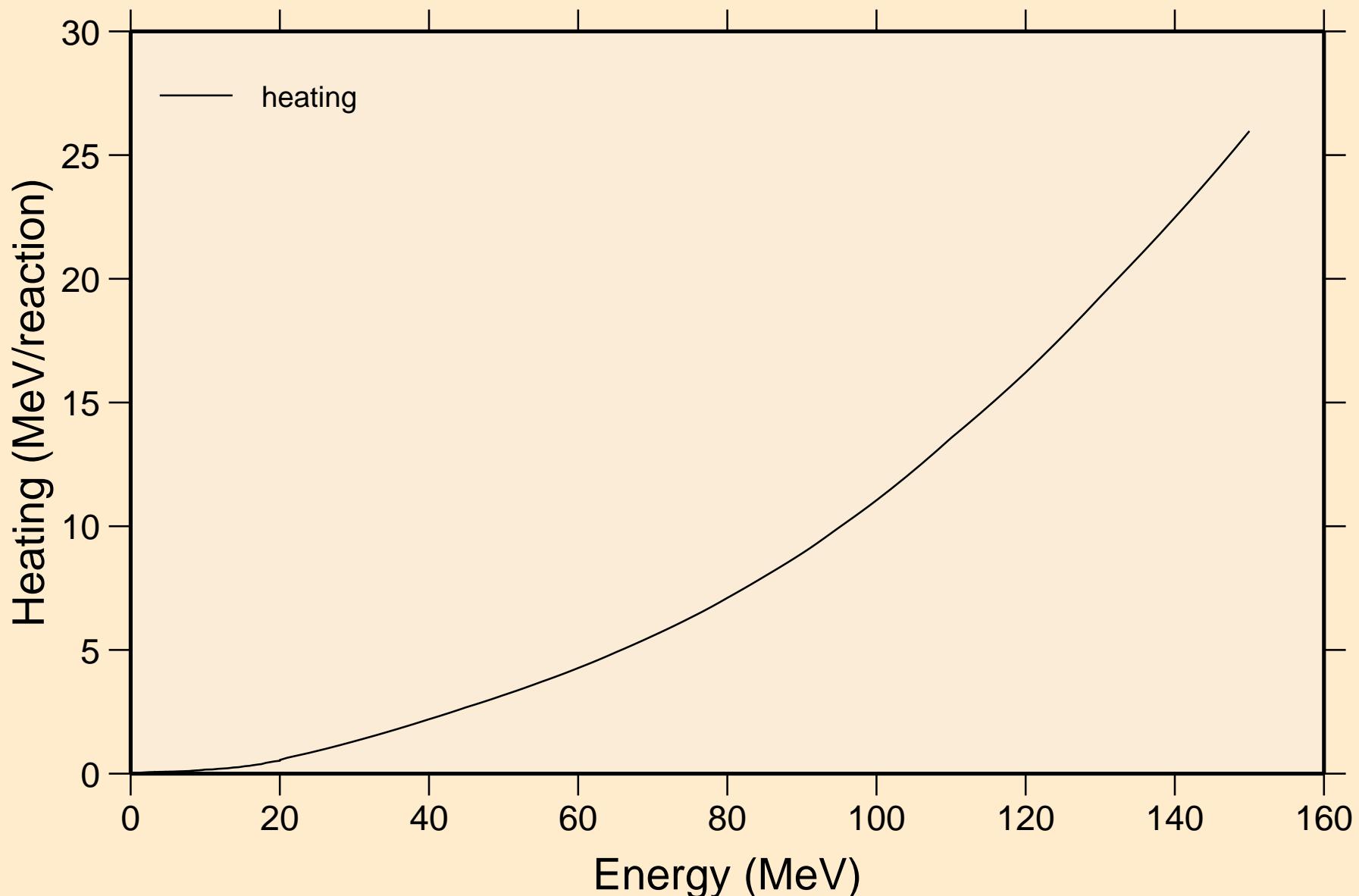


# ENDF/B-VII CR-54

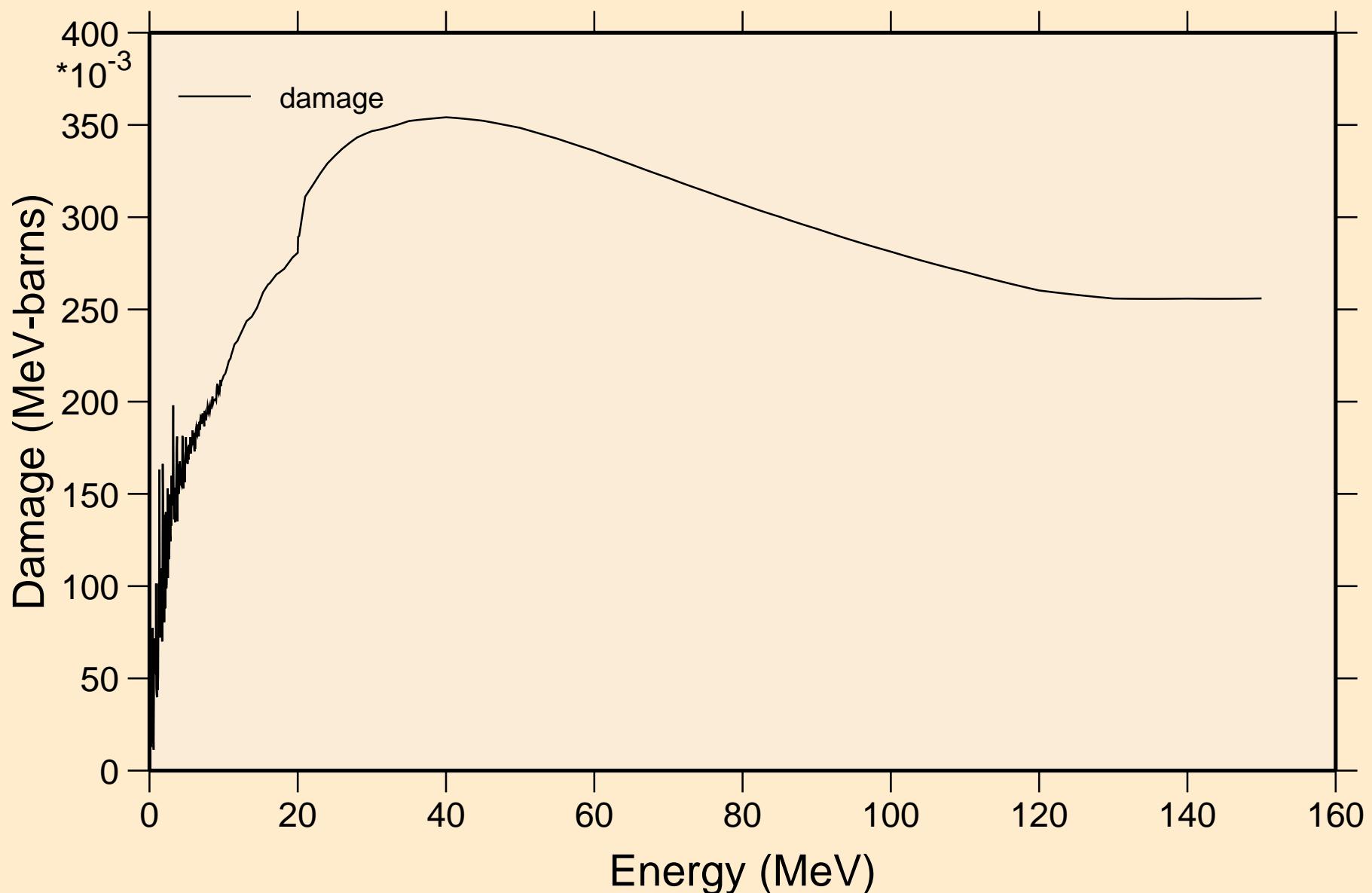
## Principal cross sections



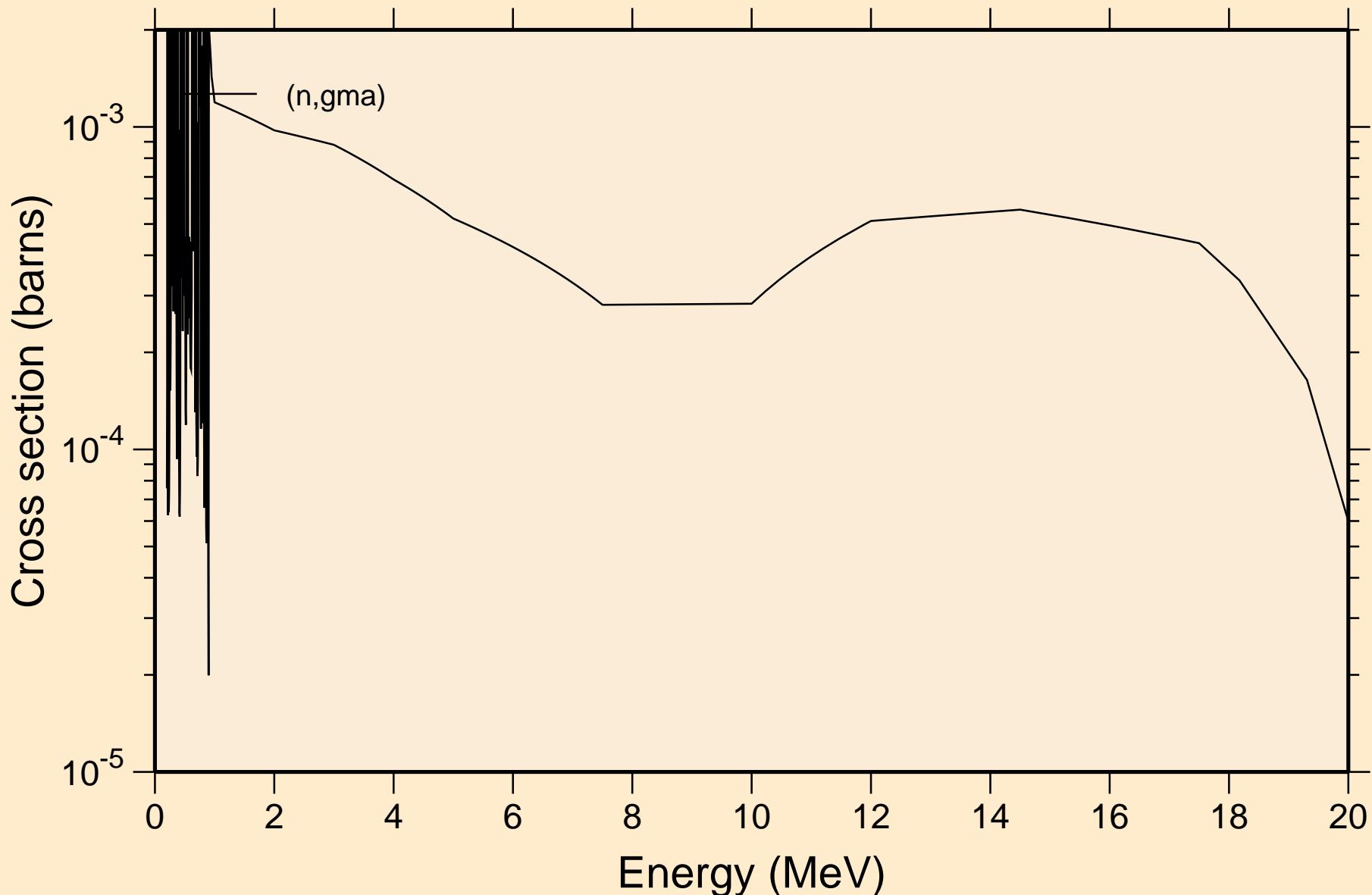
ENDF/B-VII CR-54  
Heating



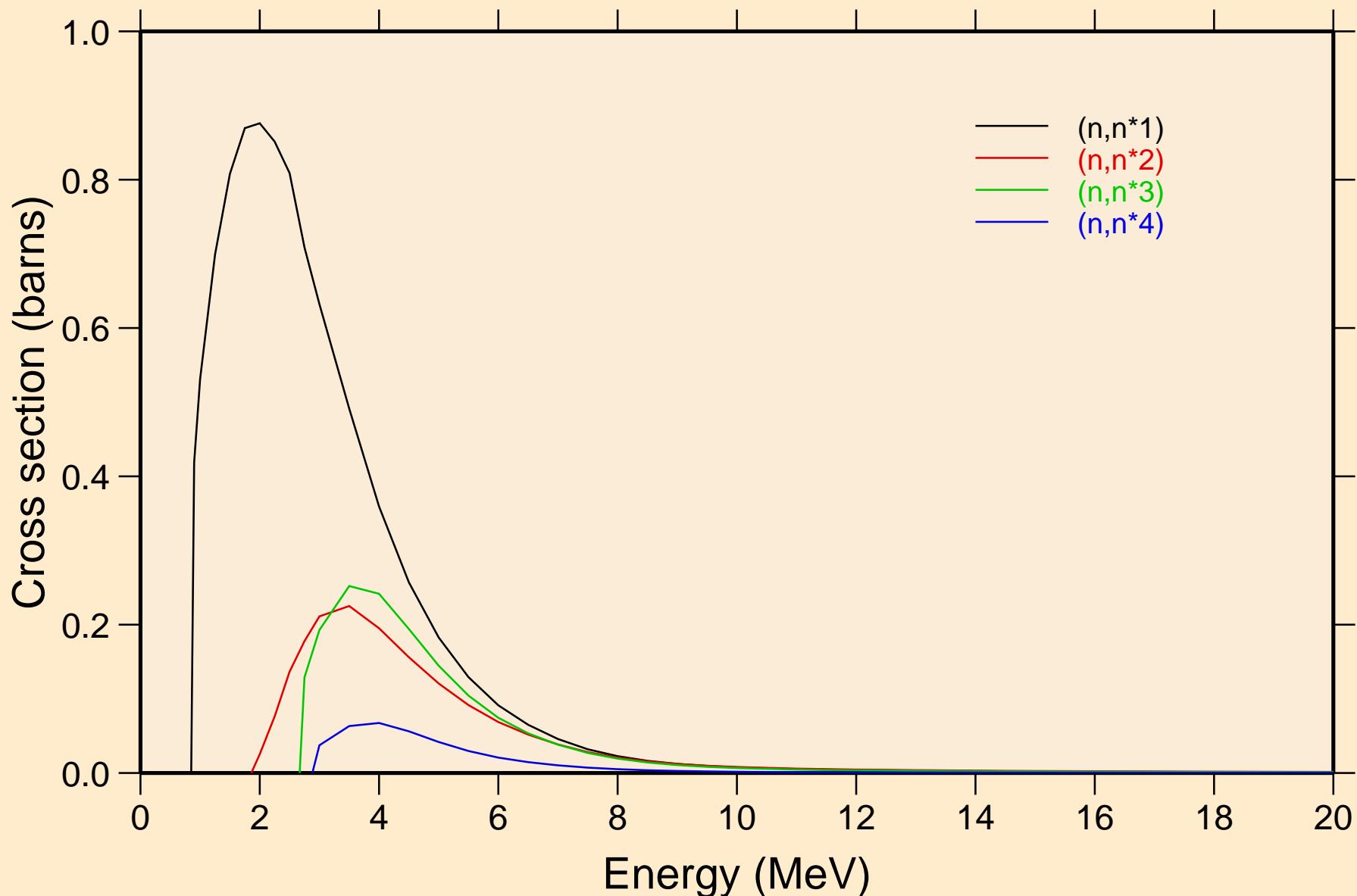
ENDF/B-VII CR-54  
Damage



ENDF/B-VII CR-54  
Non-threshold reactions

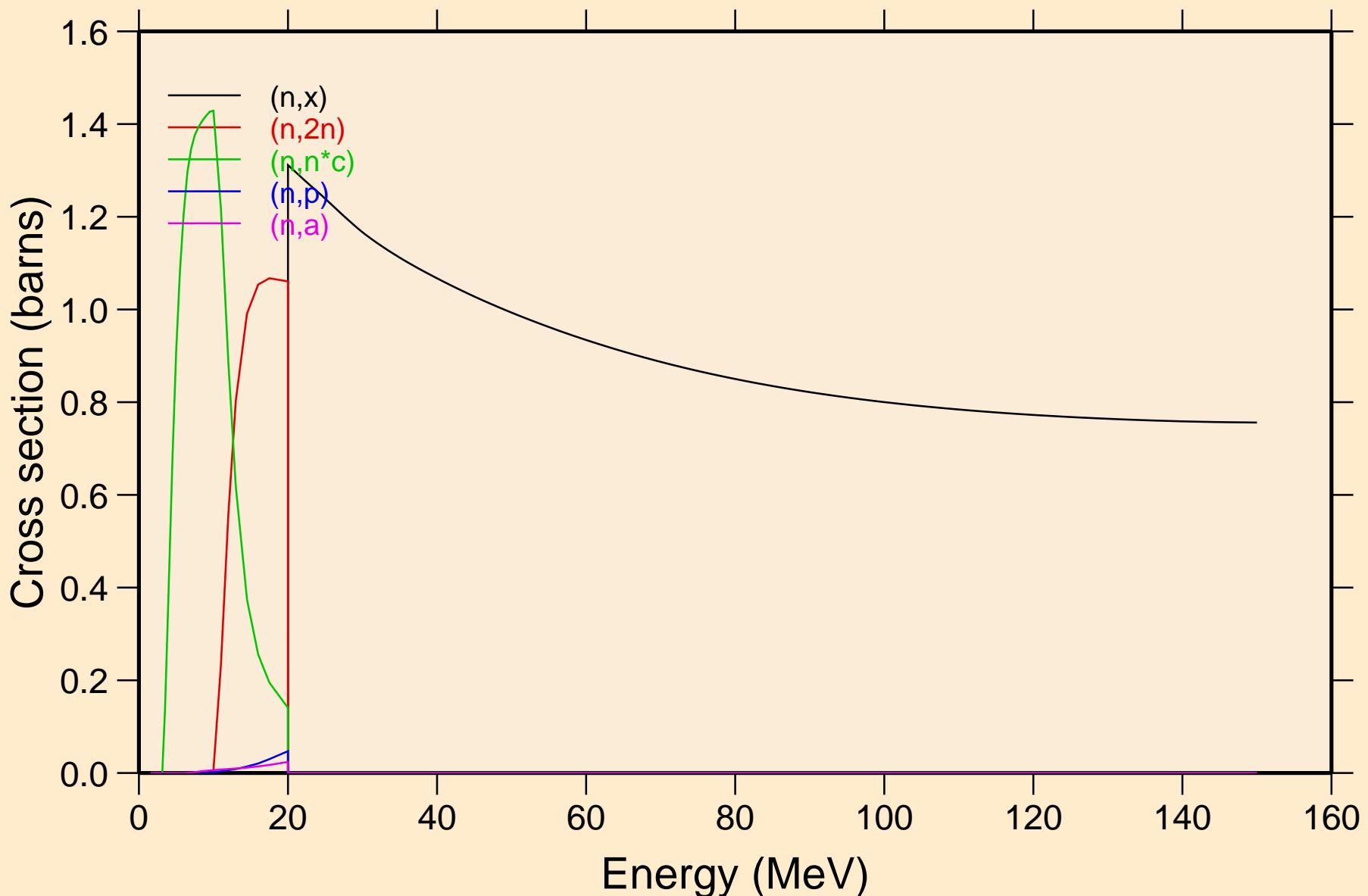


ENDF/B-VII CR-54  
Inelastic levels



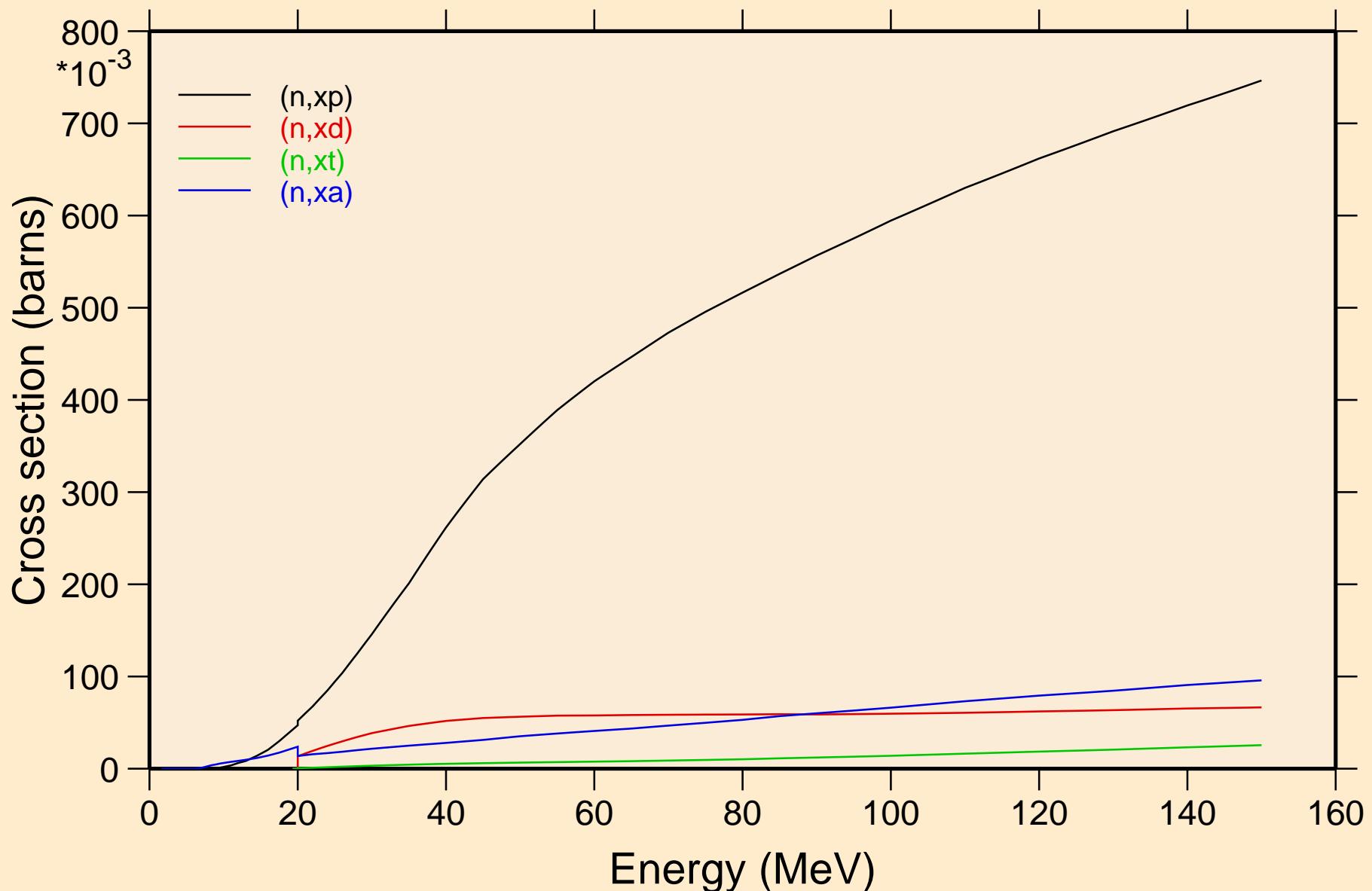
# ENDF/B-VII CR-54

## Threshold reactions



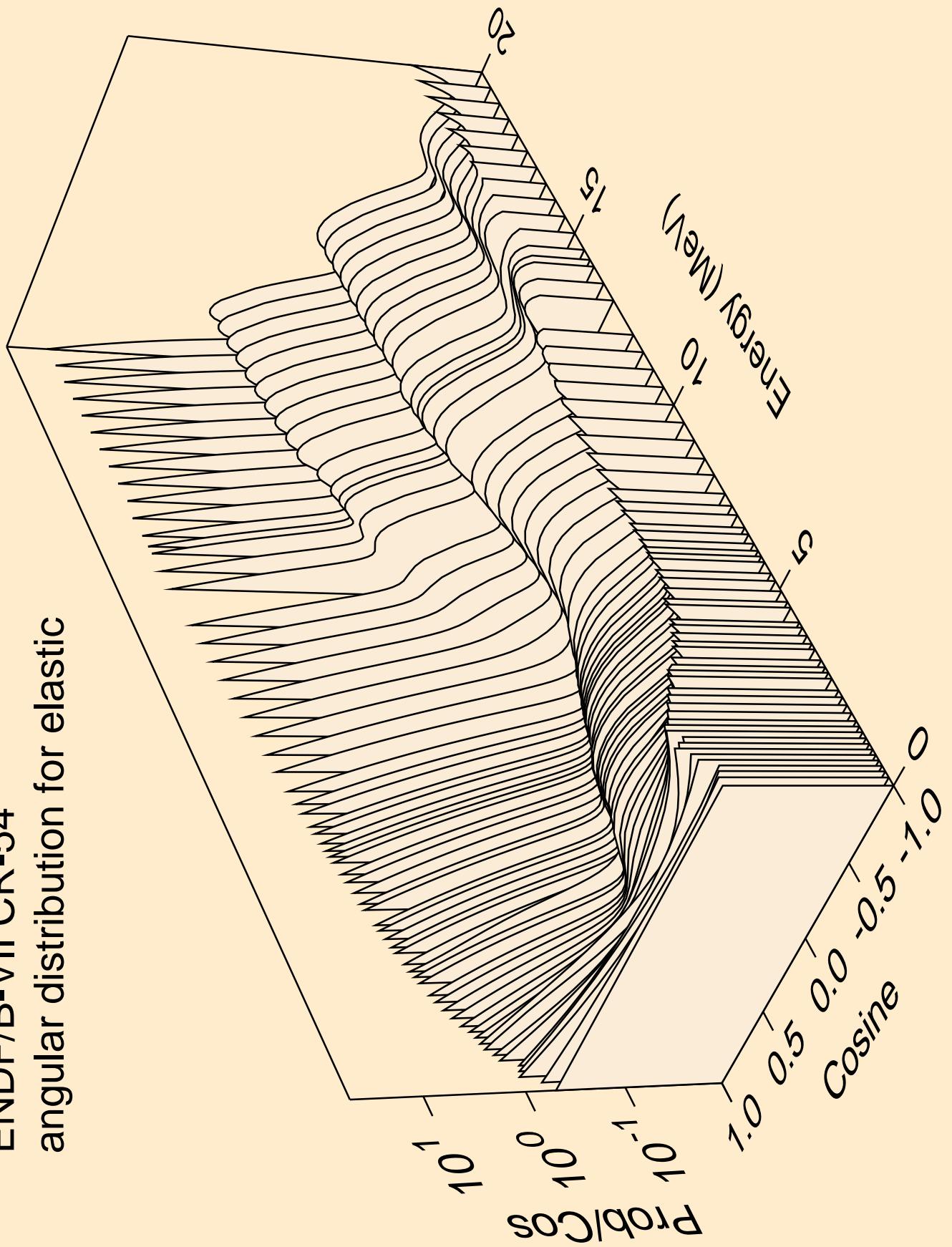
# ENDF/B-VII CR-54

## Threshold reactions



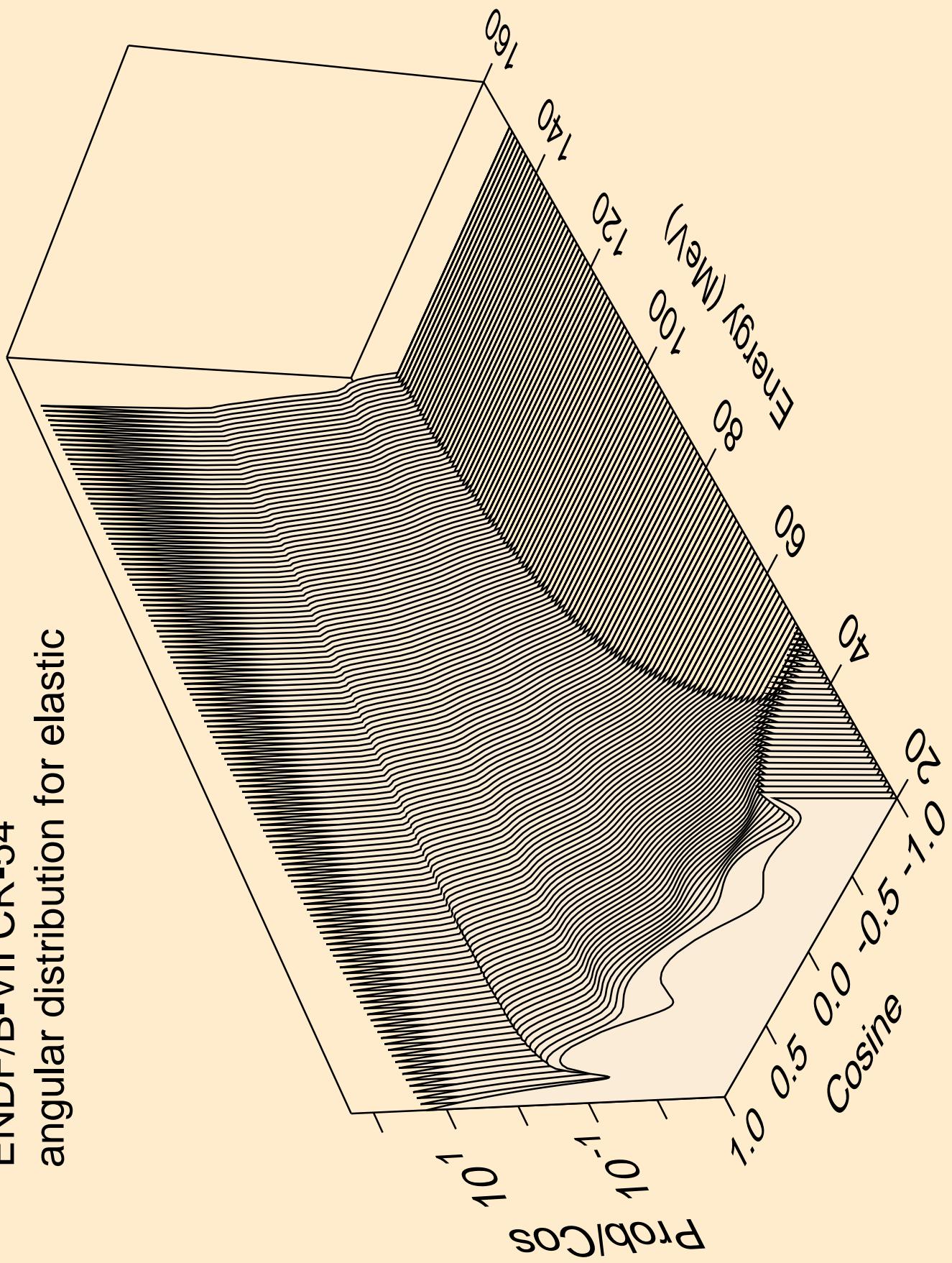
ENDF/B-VII CR-54

angular distribution for elastic



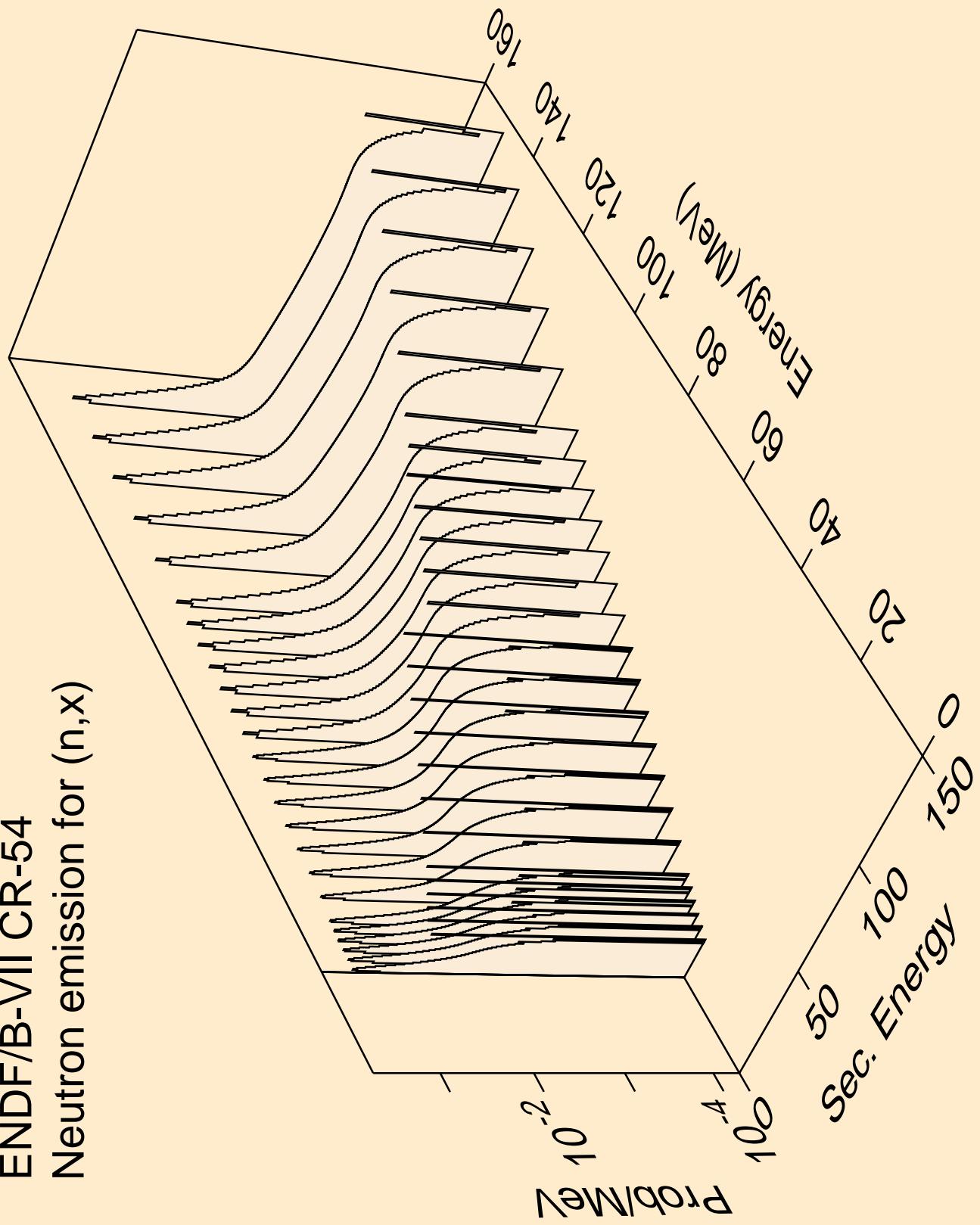
ENDF/B-VII CR-54

angular distribution for elastic



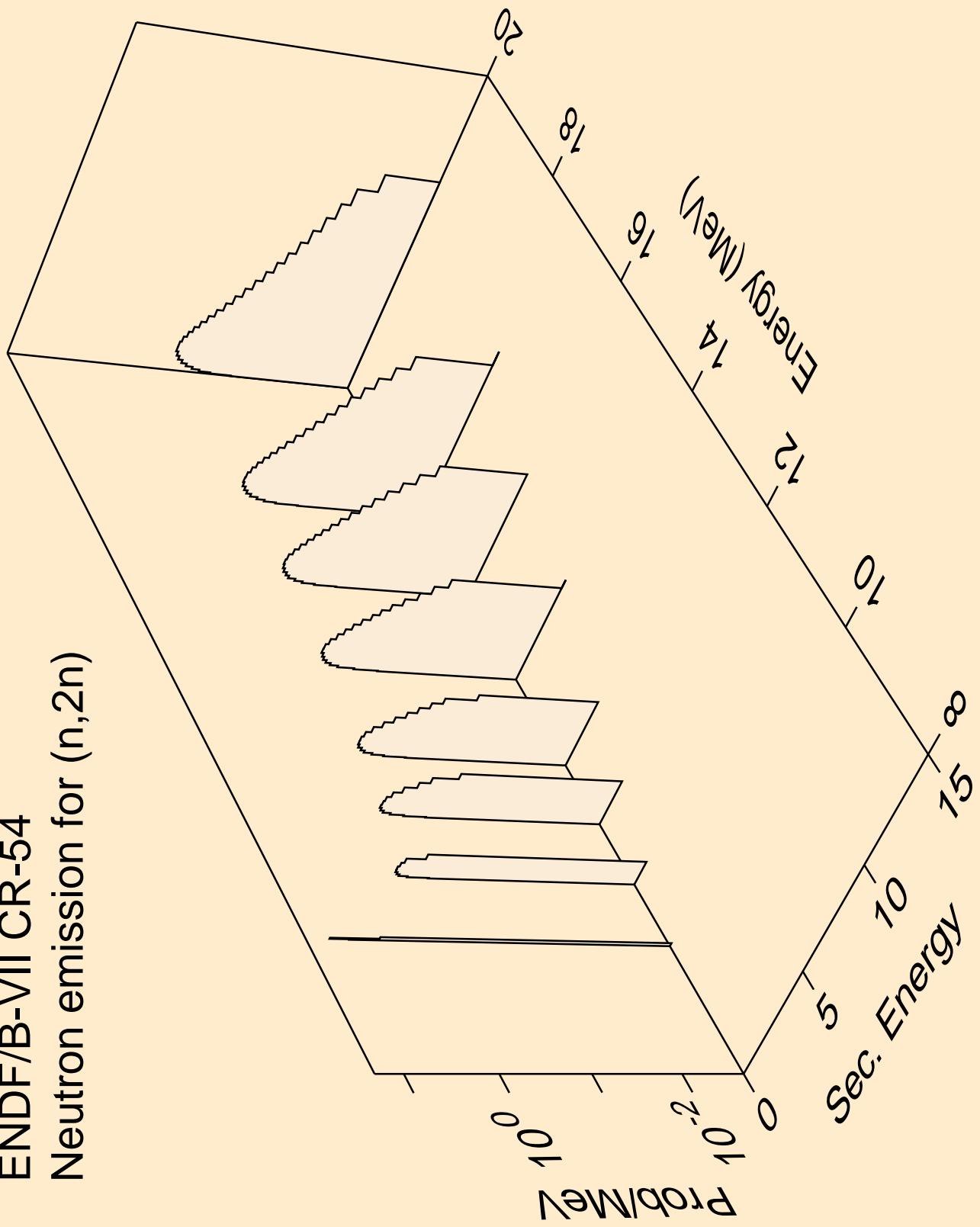
ENDF/B-VII CR-54

Neutron emission for  $(n, x)$



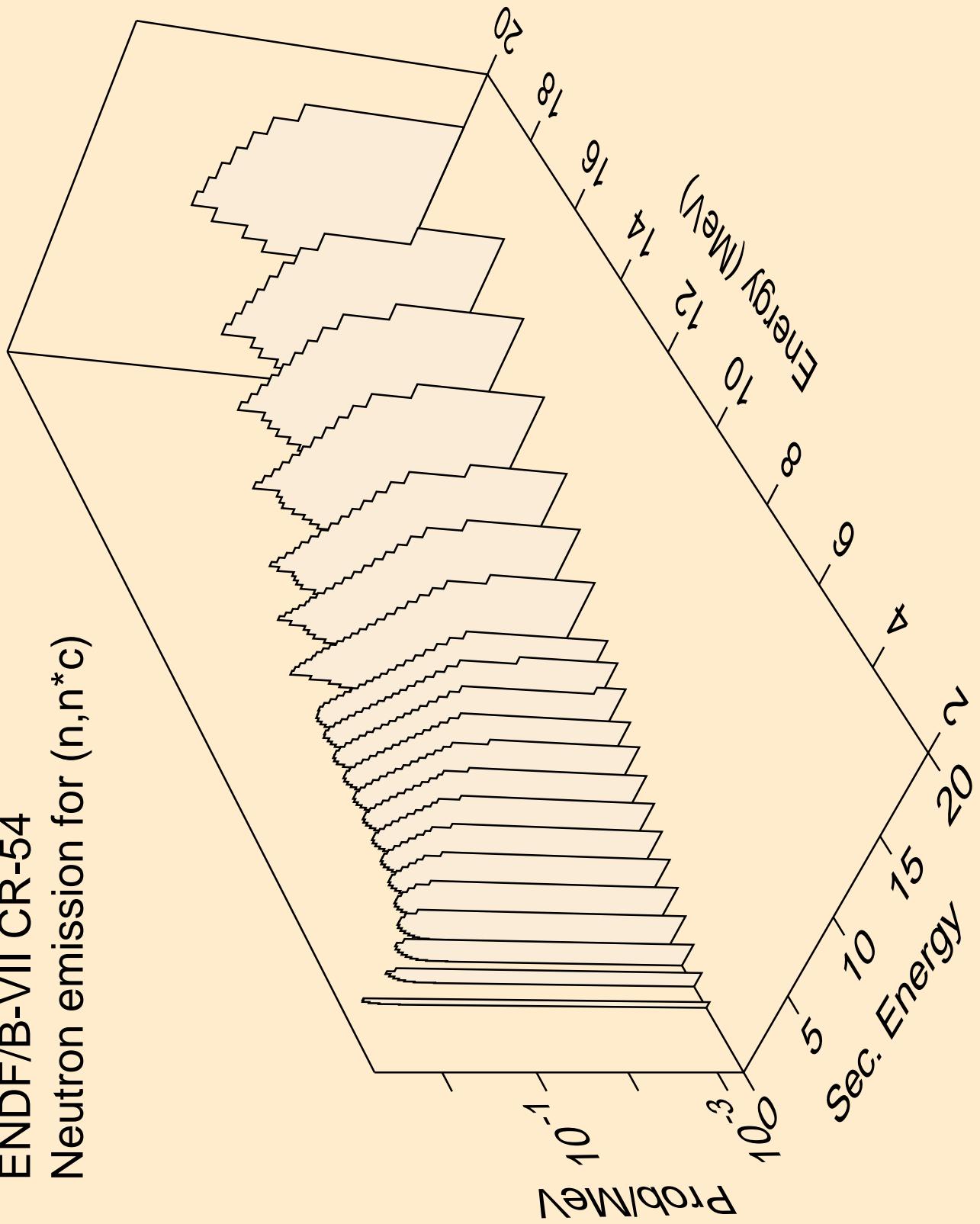
ENDF/B-VII CR-54

Neutron emission for  $(n,2n)$



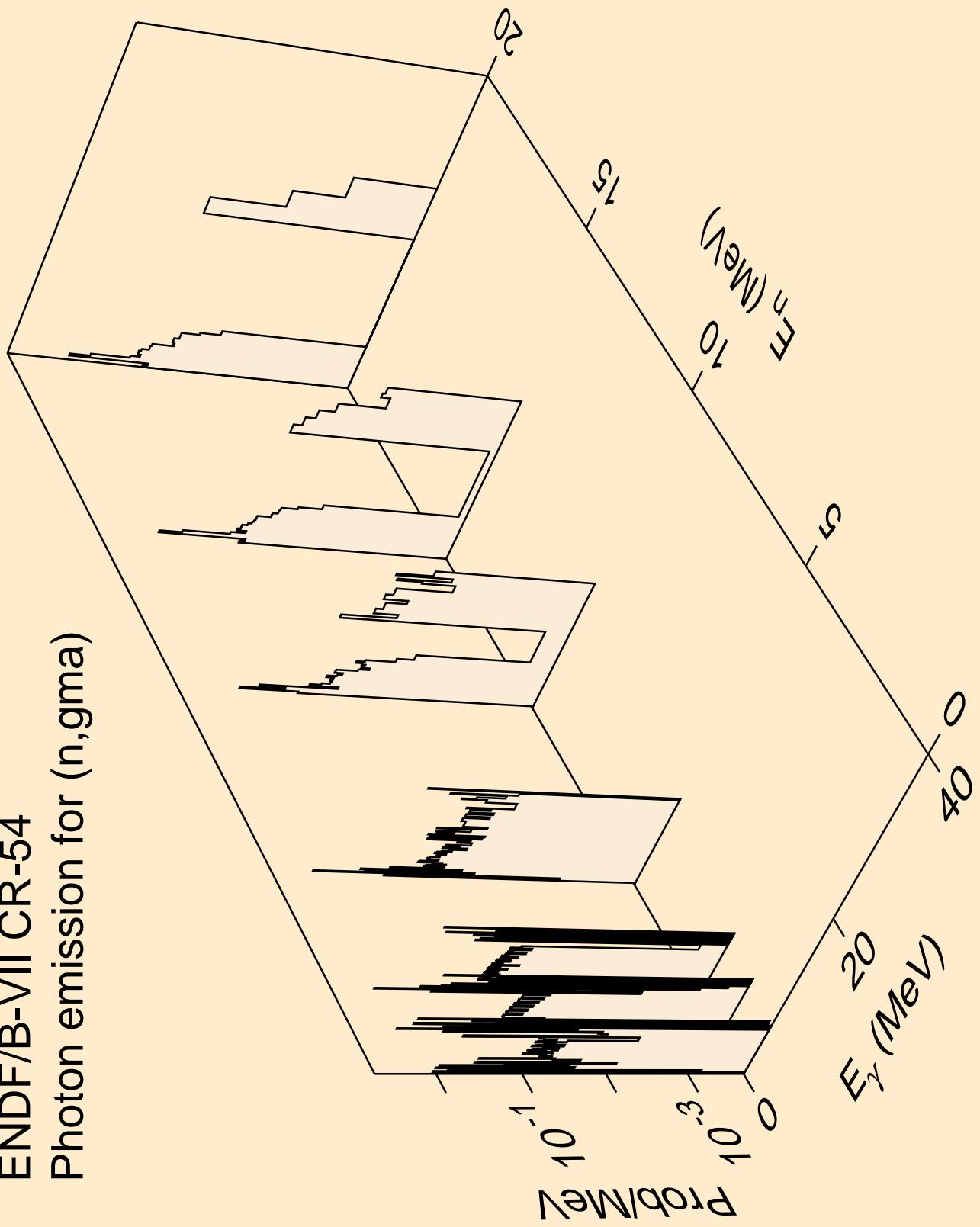
ENDF/B-VII CR-54

Neutron emission for  $(n, n^* c)$

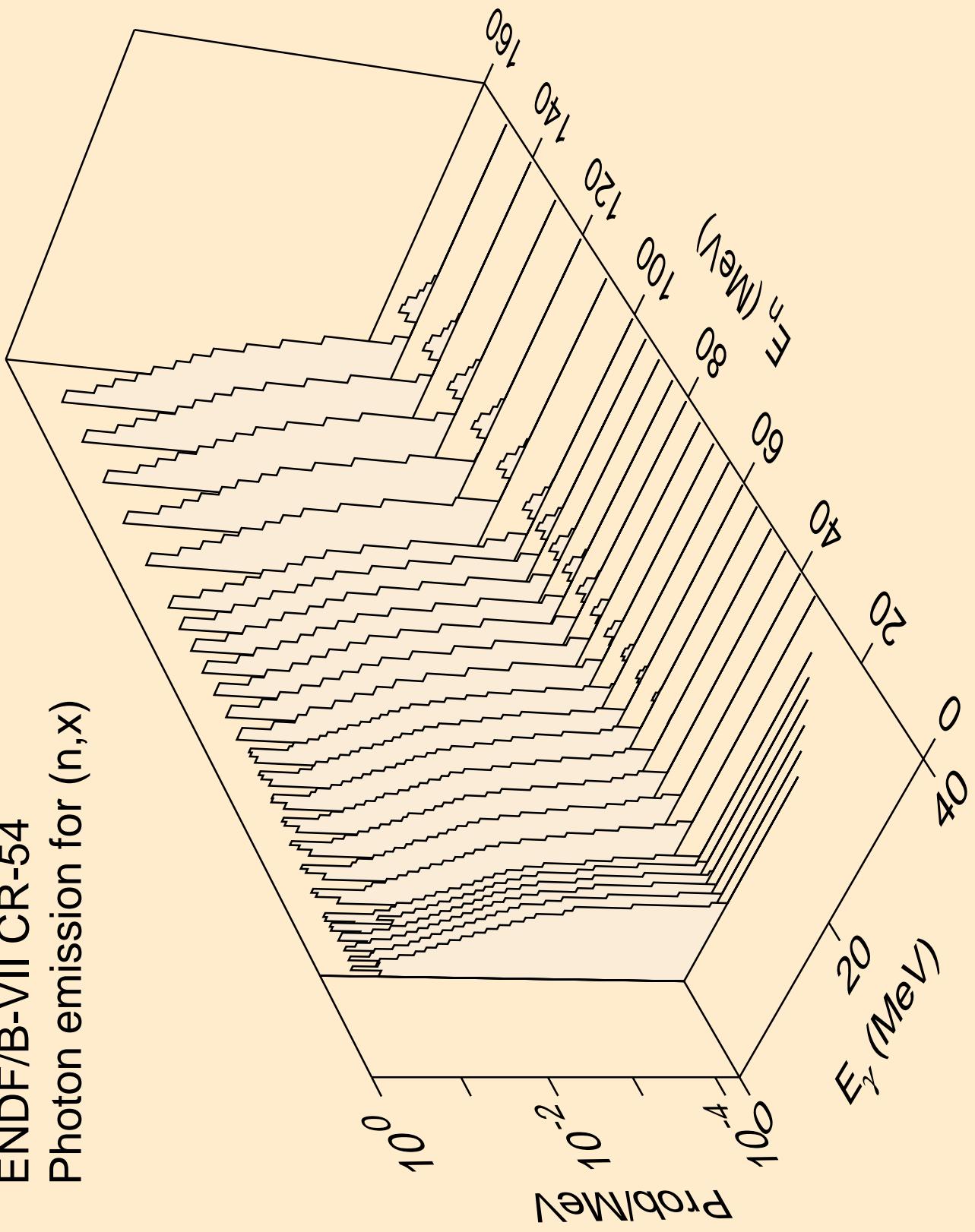


ENDF/B-VII CR-54

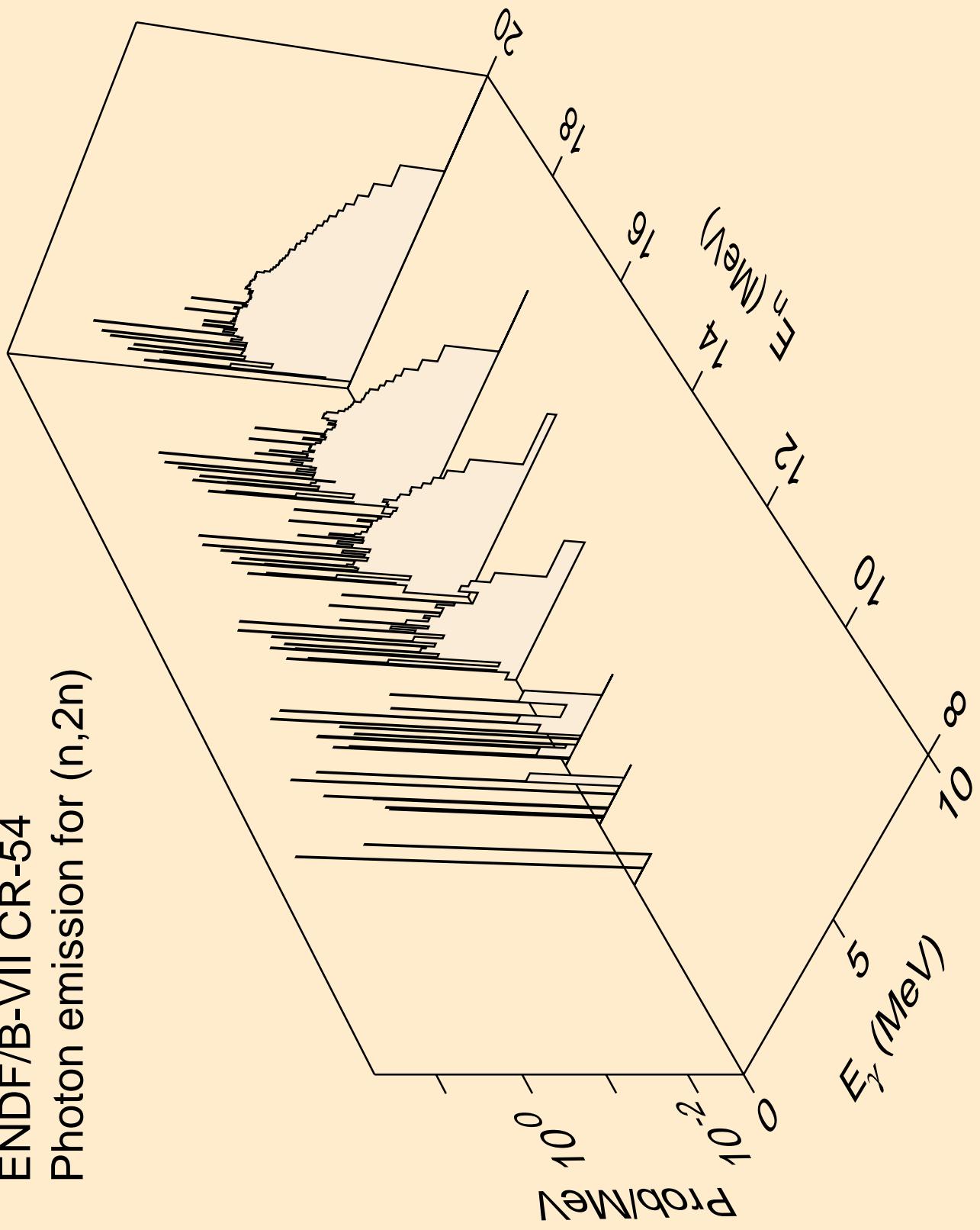
Photon emission for ( $n, \gamma$ )



ENDF/B-VII CR-54  
Photon emission for  $(n, x)$

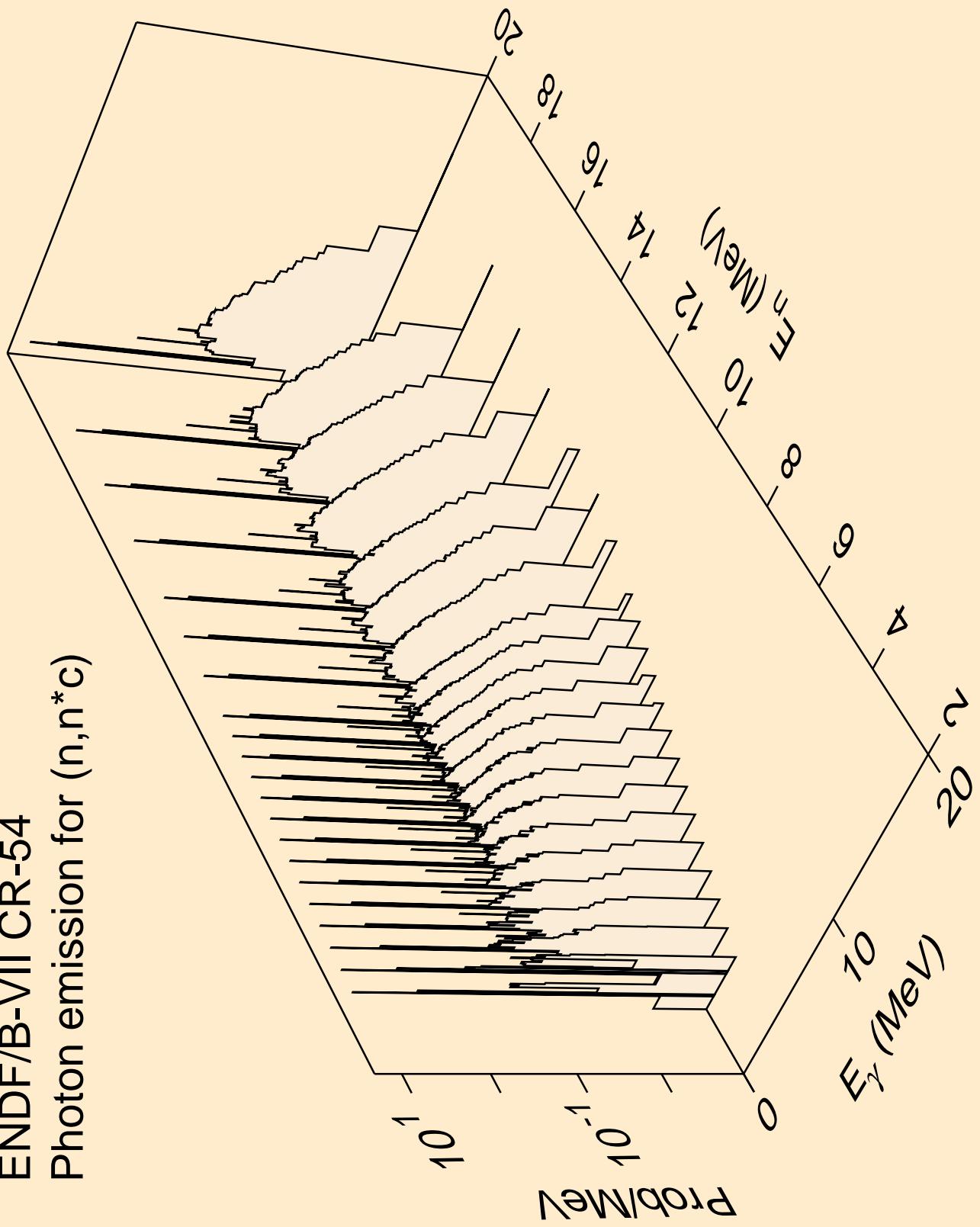


ENDF/B-VII CR-54  
Photon emission for  $(n,2n)$

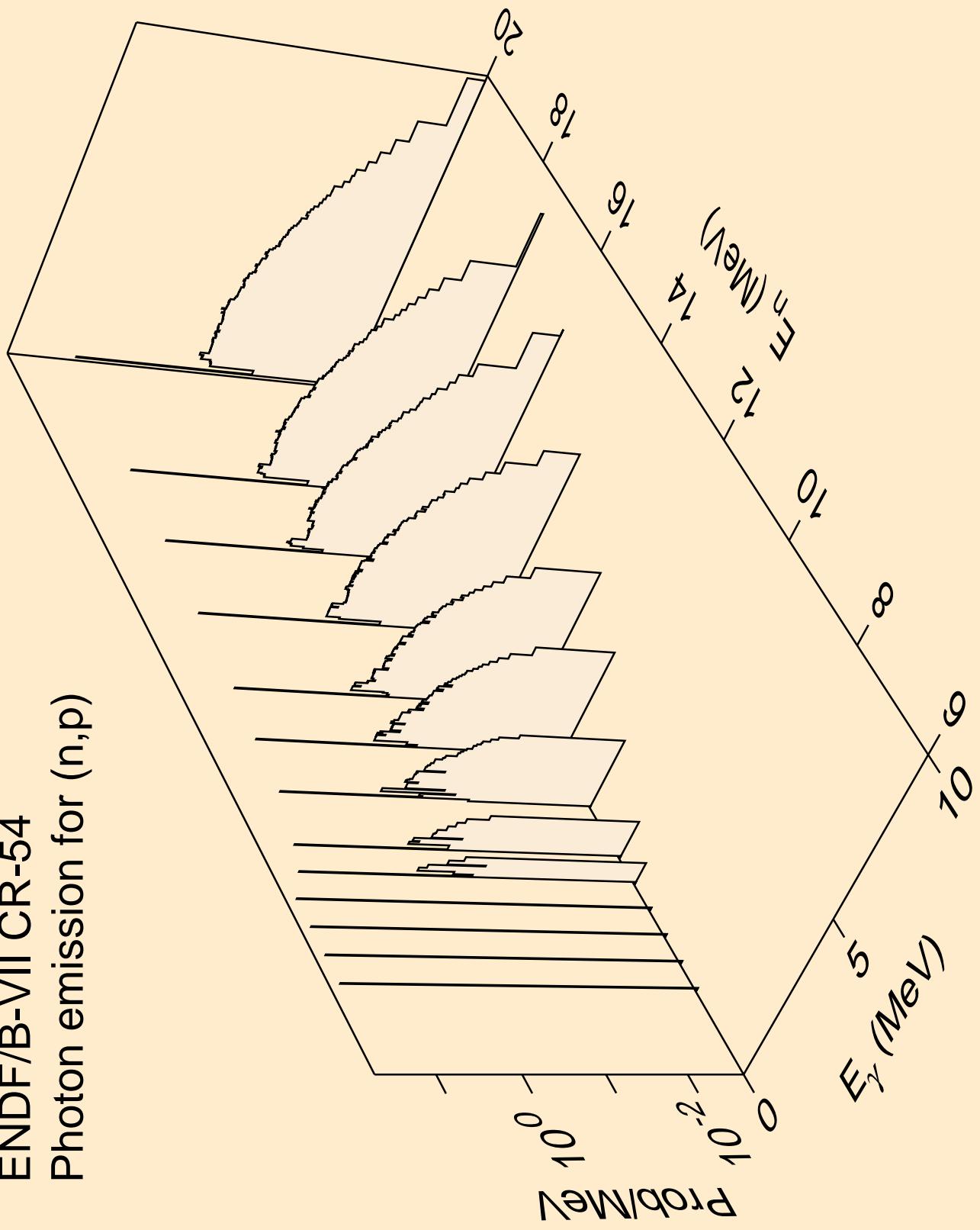


ENDF/B-VII CR-54

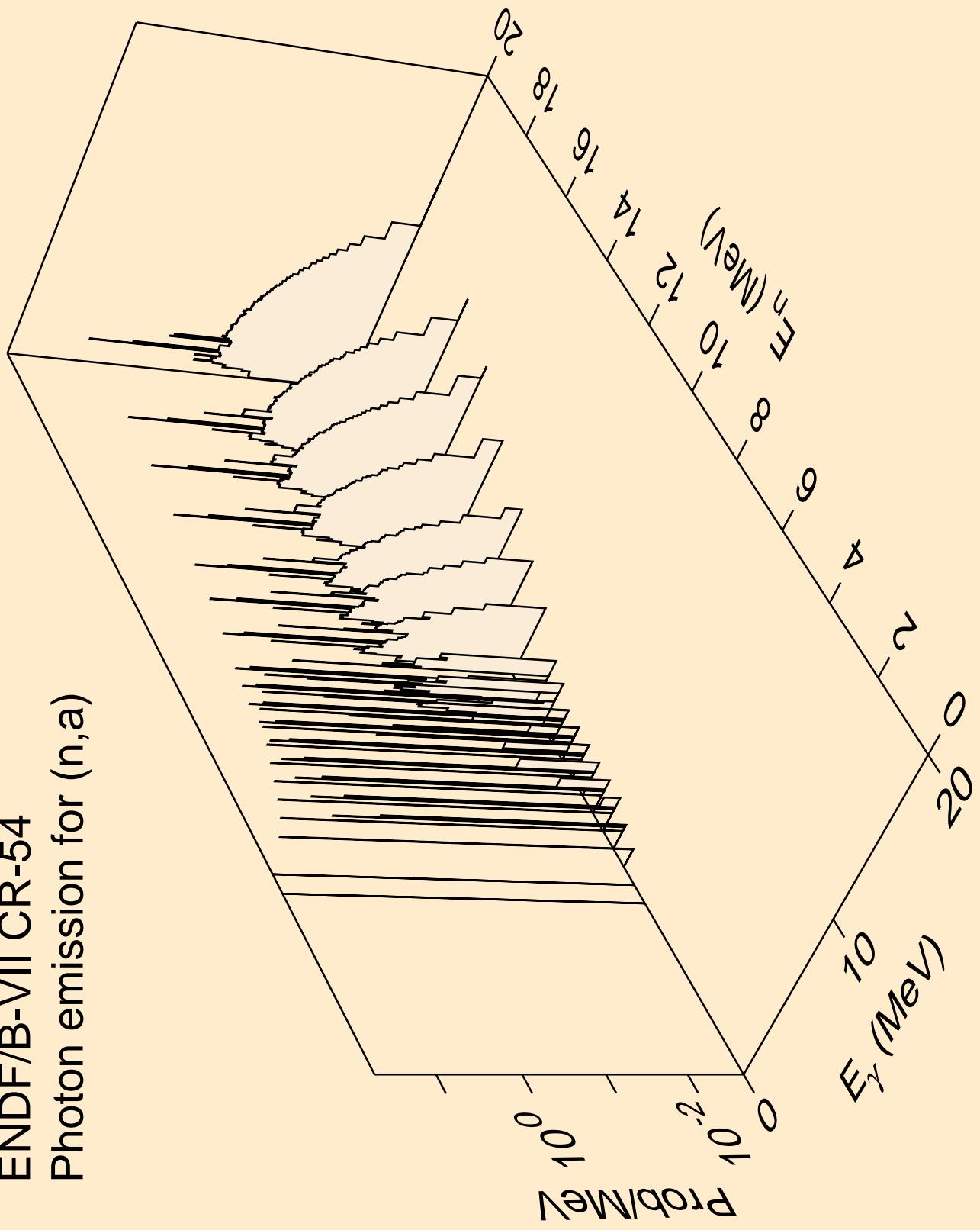
Photon emission for  $(n, n^*c)$



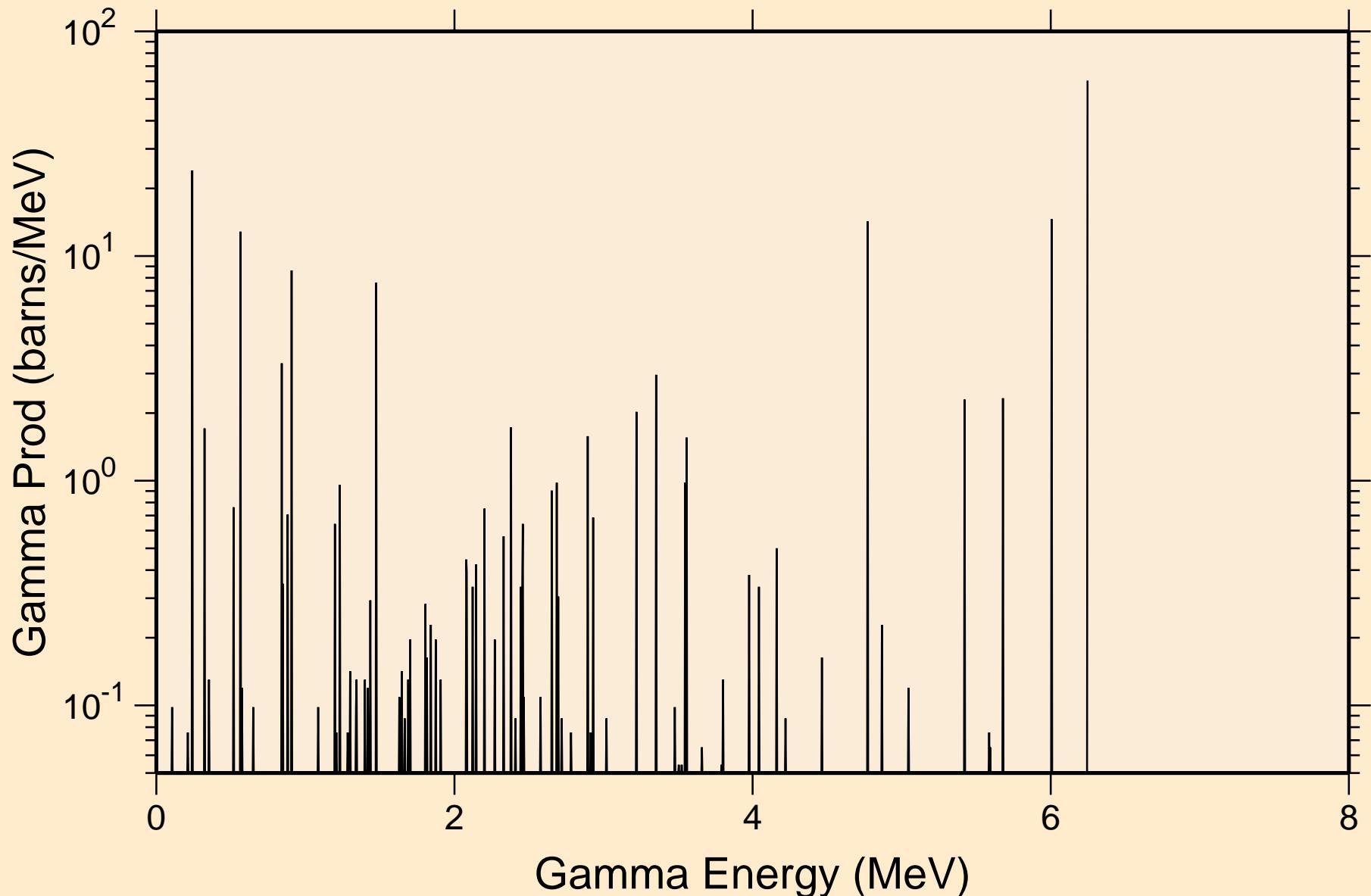
ENDF/B-VII CR-54  
Photon emission for  $(n, p)$



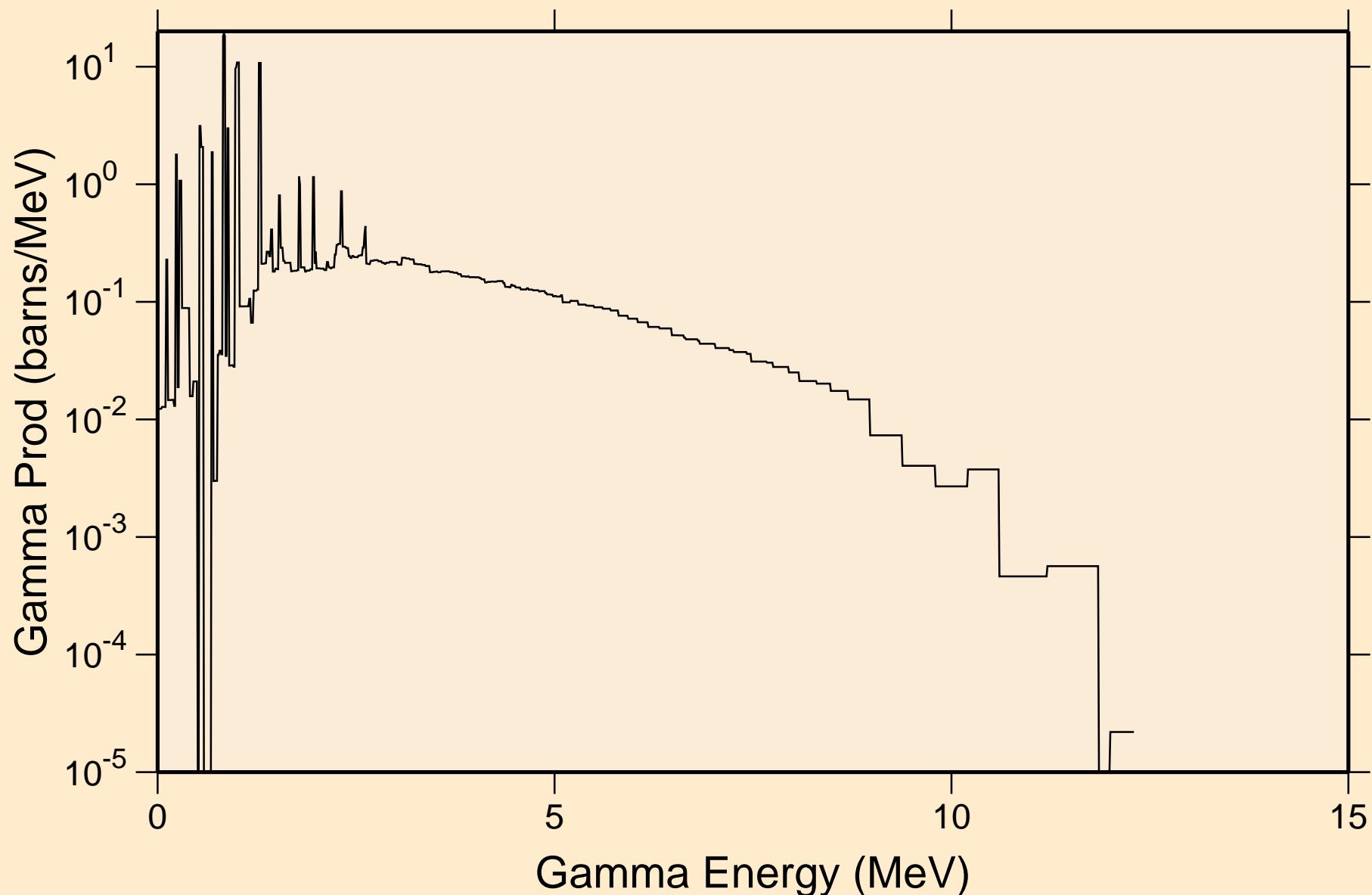
ENDF/B-VII CR-54  
Photon emission for  $(n, \alpha)$



ENDF/B-VII CR-54  
thermal capture photon spectrum

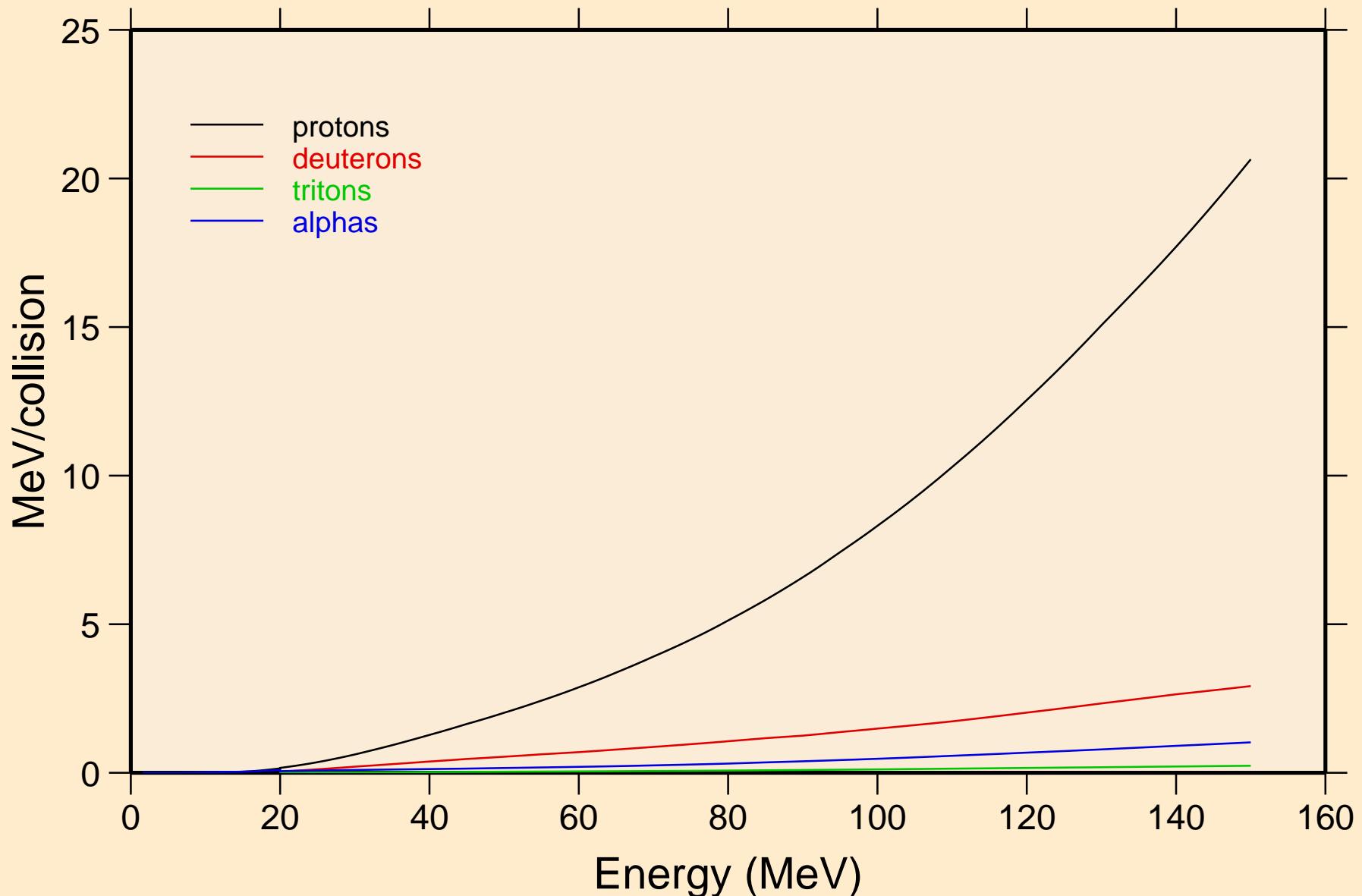


ENDF/B-VII CR-54  
14 MeV photon spectrum

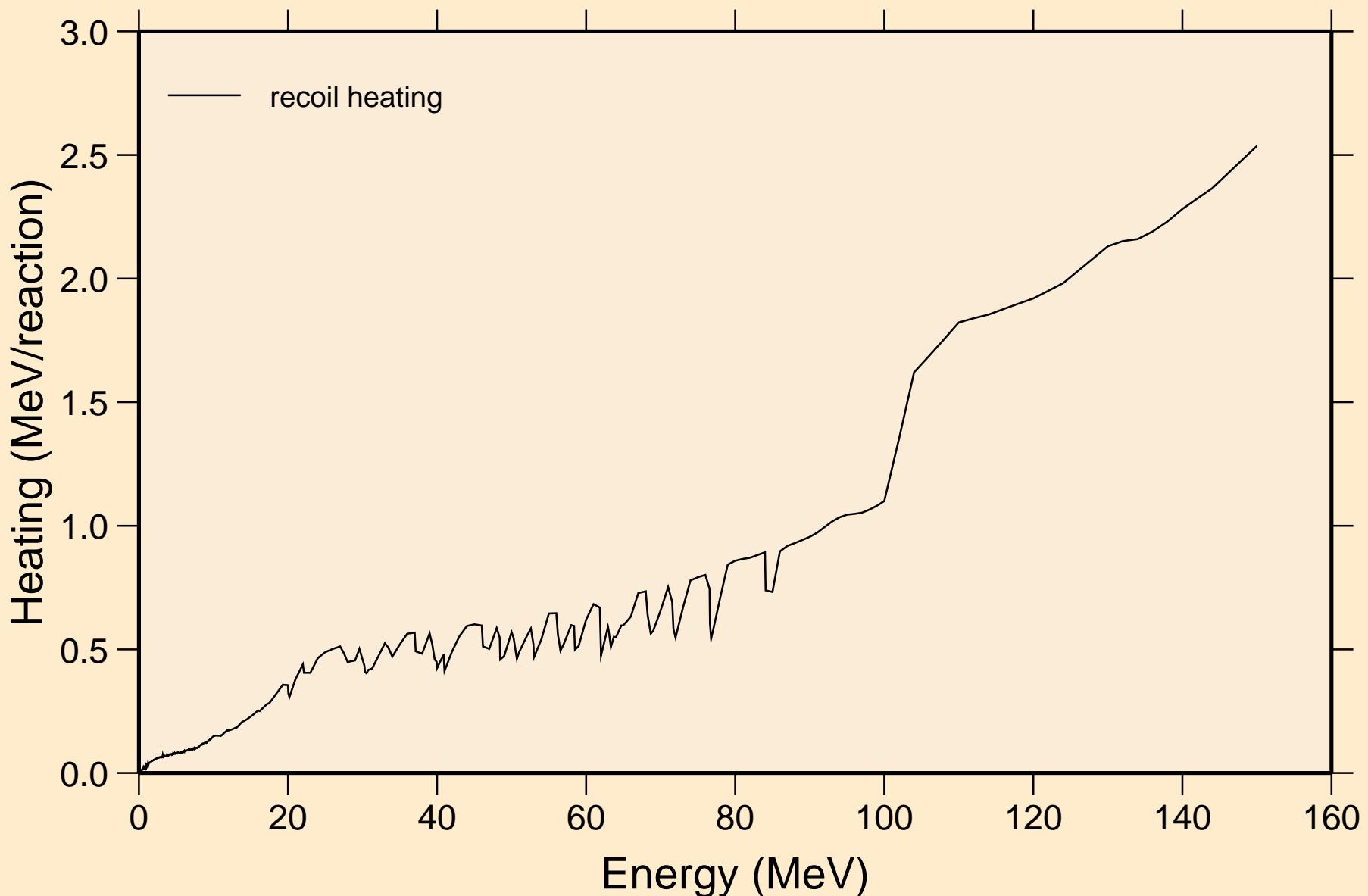


# ENDF/B-VII CR-54

## Particle heating contributions

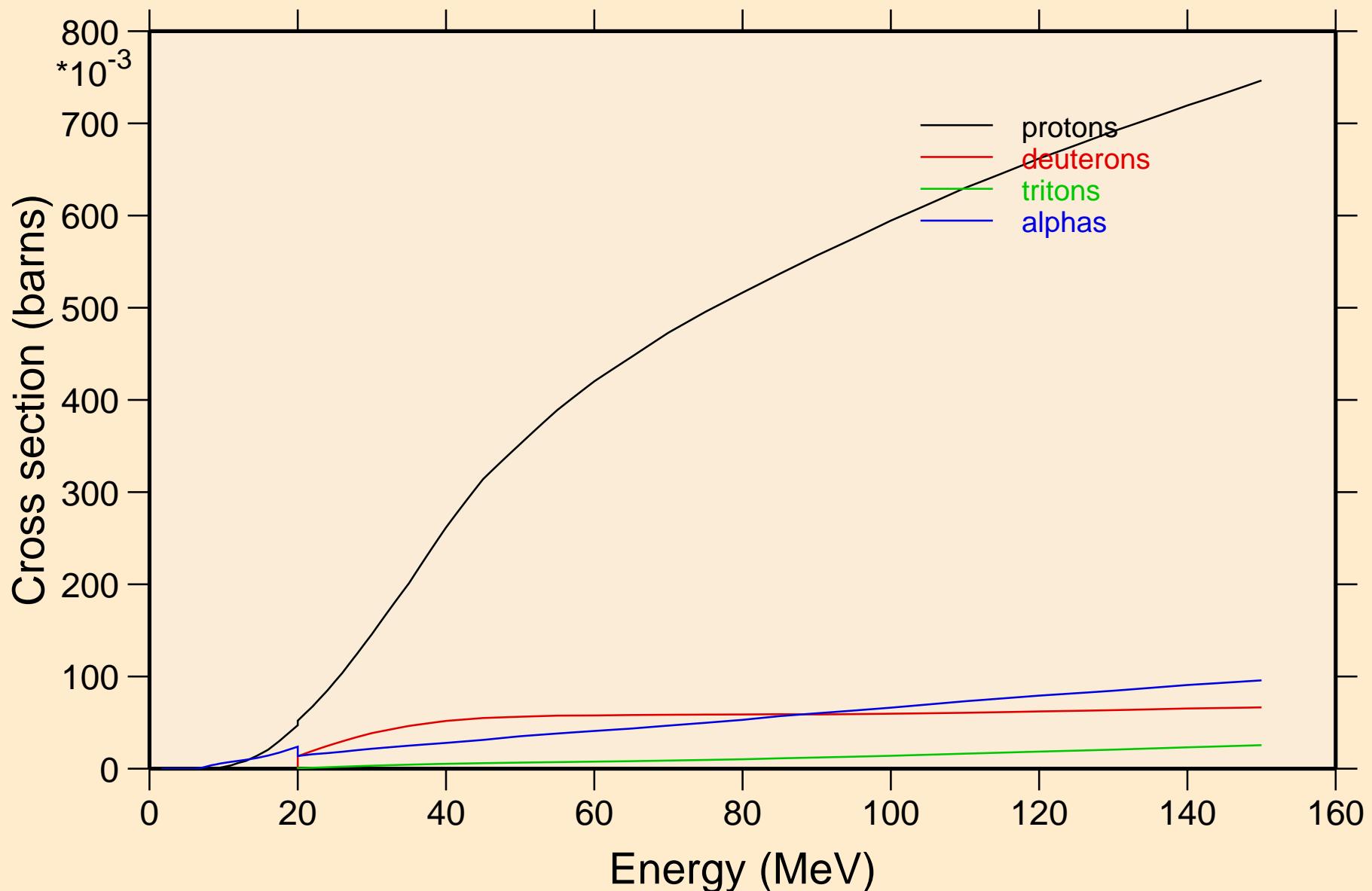


ENDF/B-VII CR-54  
Recoil Heating

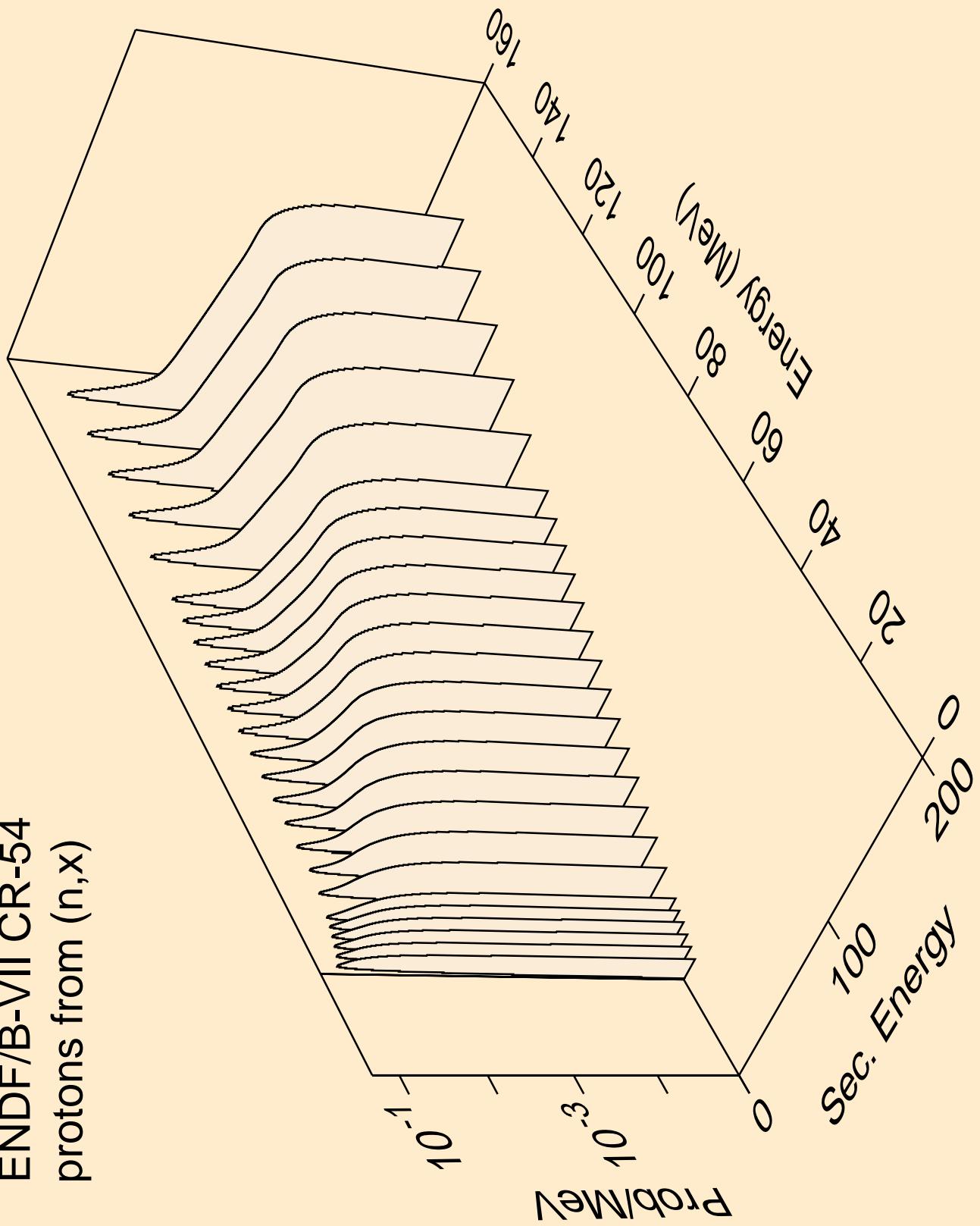


# ENDF/B-VII CR-54

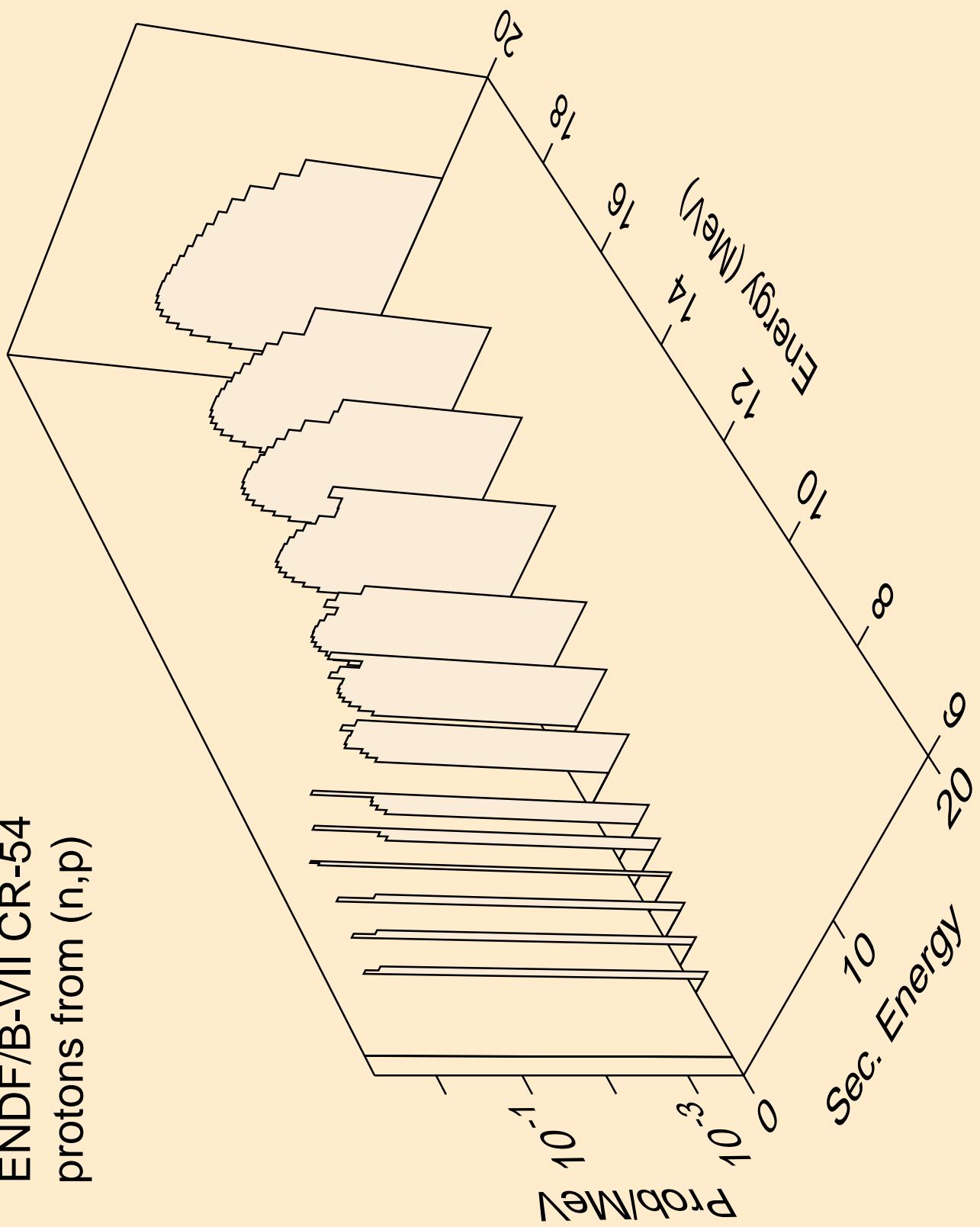
## Particle production cross sections



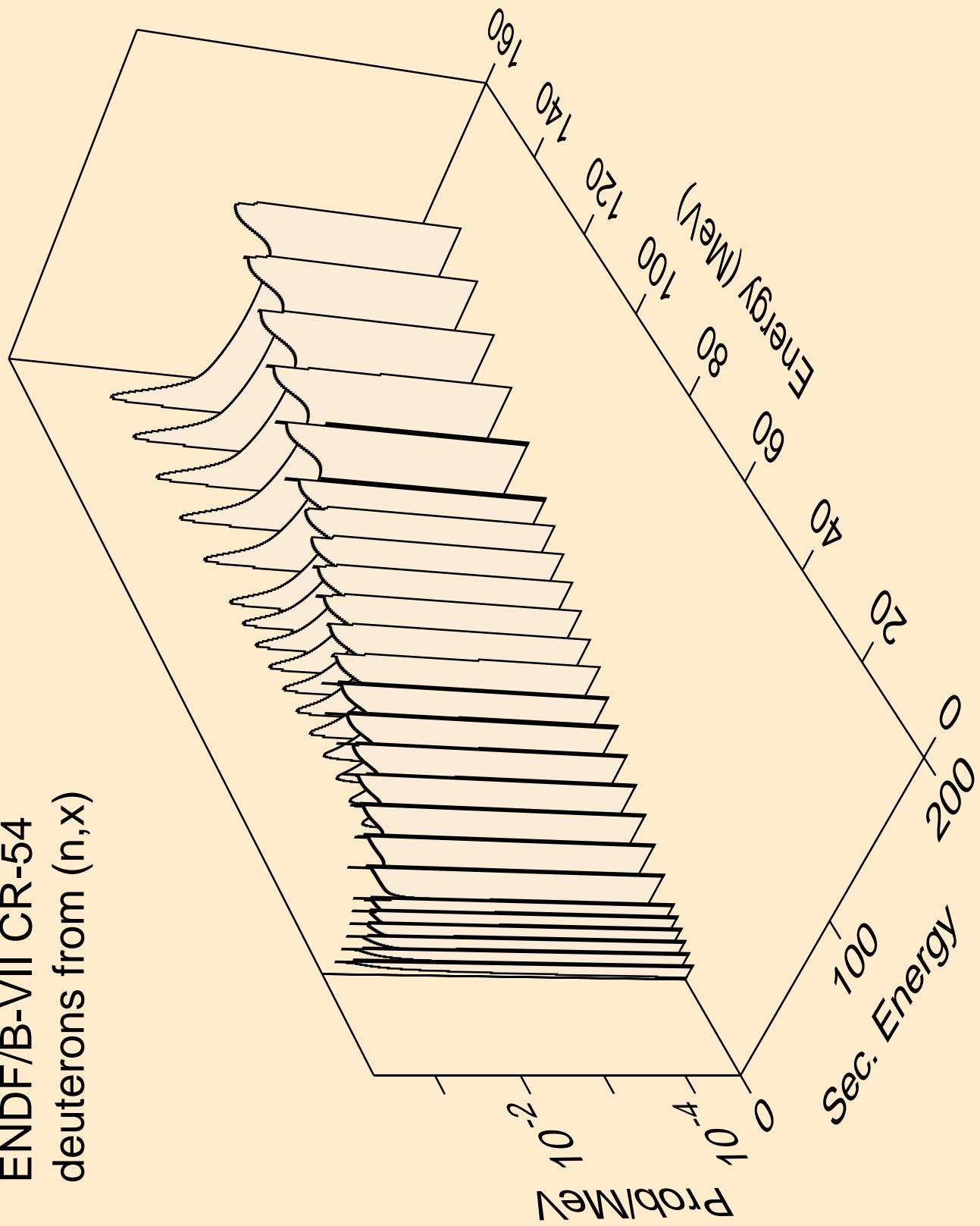
ENDF/B-VII CR-54  
protons from  $(n, \alpha)$



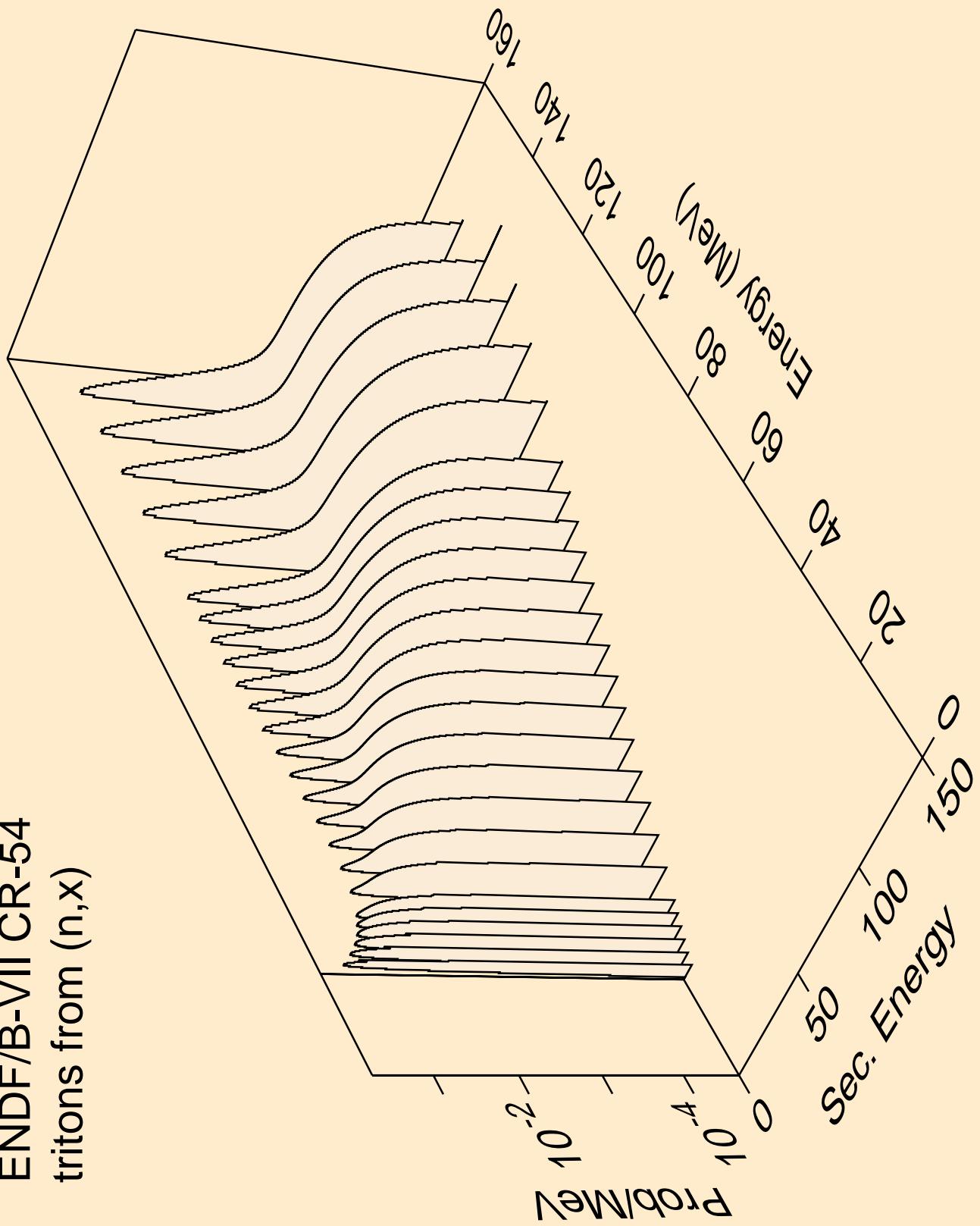
ENDF/B-VII CR-54  
protons from ( $n,p$ )



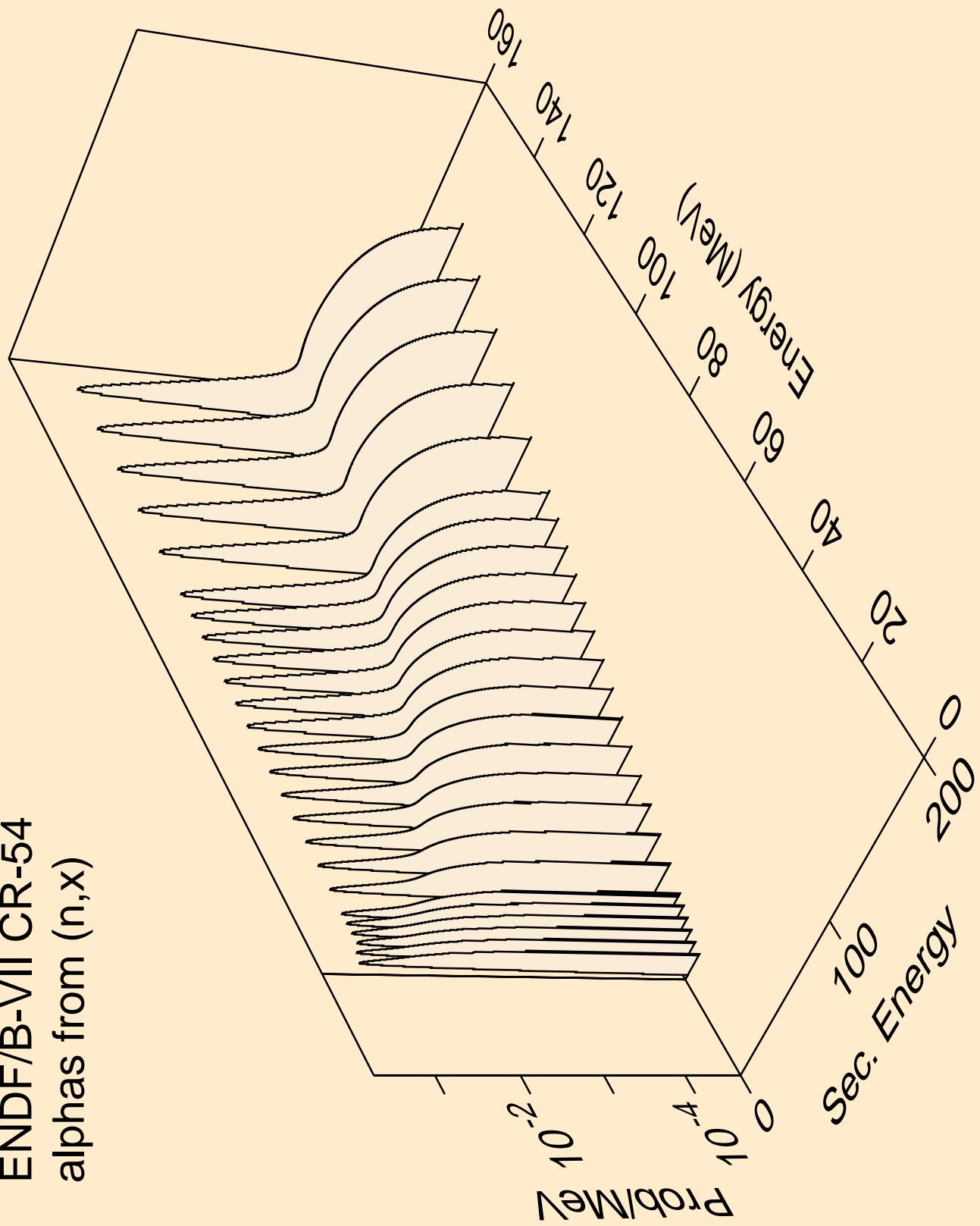
ENDF/B-VII CR-54  
deuterons from  $(n,x)$



ENDF/B-VII CR-54  
tritons from  $(n, \chi)$



ENDF/B-VII CR-54  
alphas from ( $n, \chi$ )



ENDF/B-VII CR-54  
alphas from (n,a)

