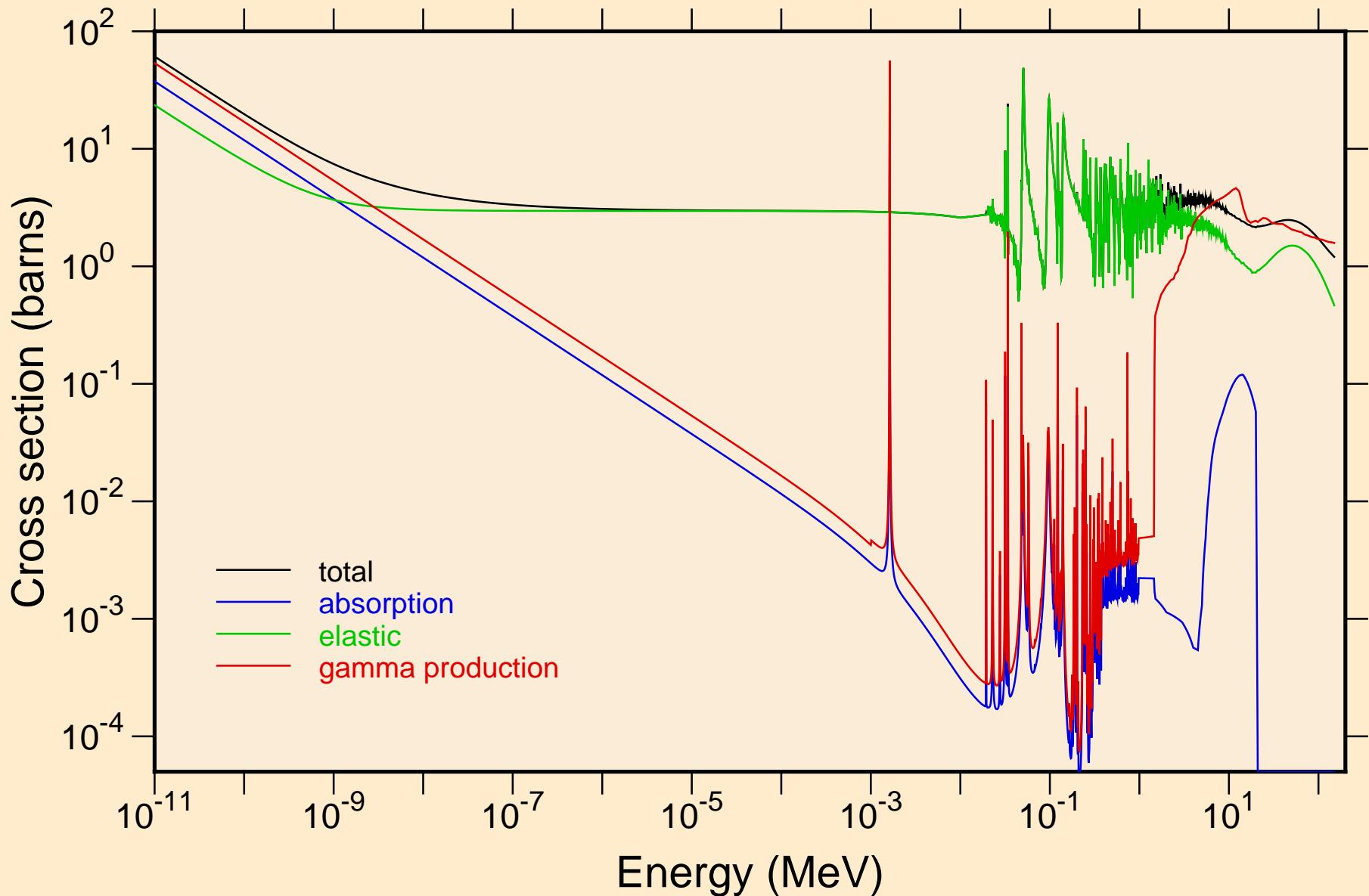
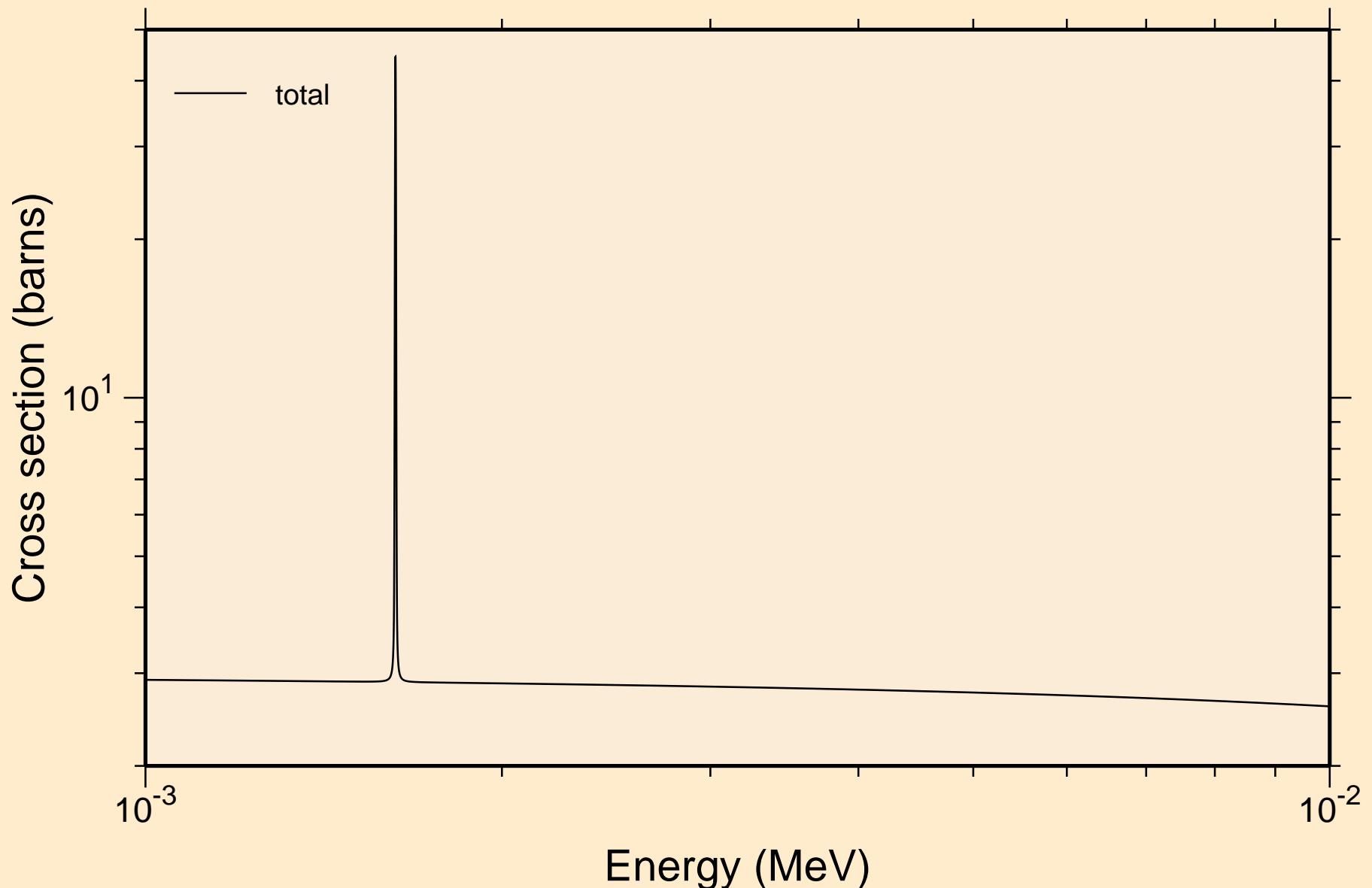


# ENDF/B-VII CR-52

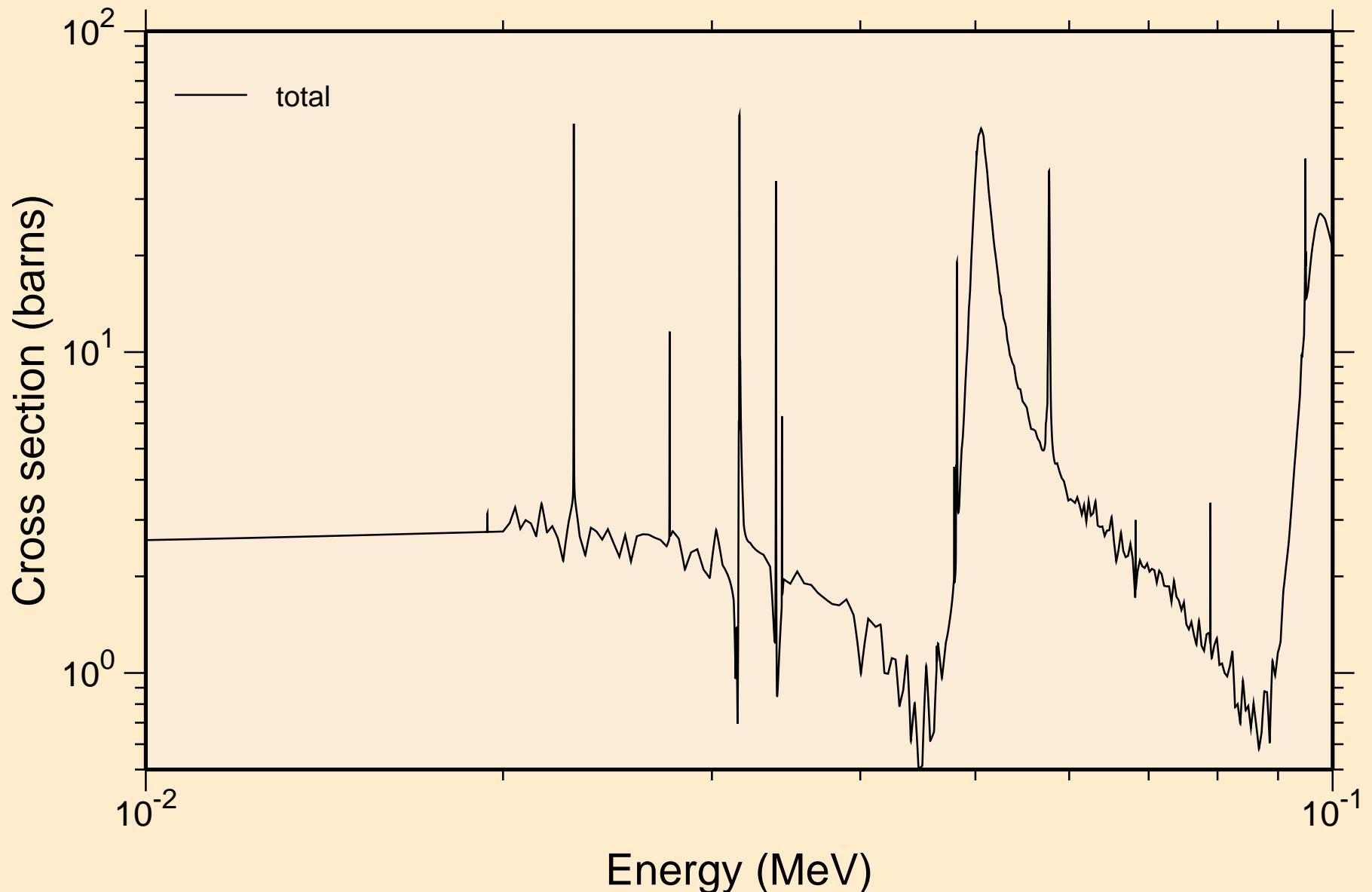
## Principal cross sections



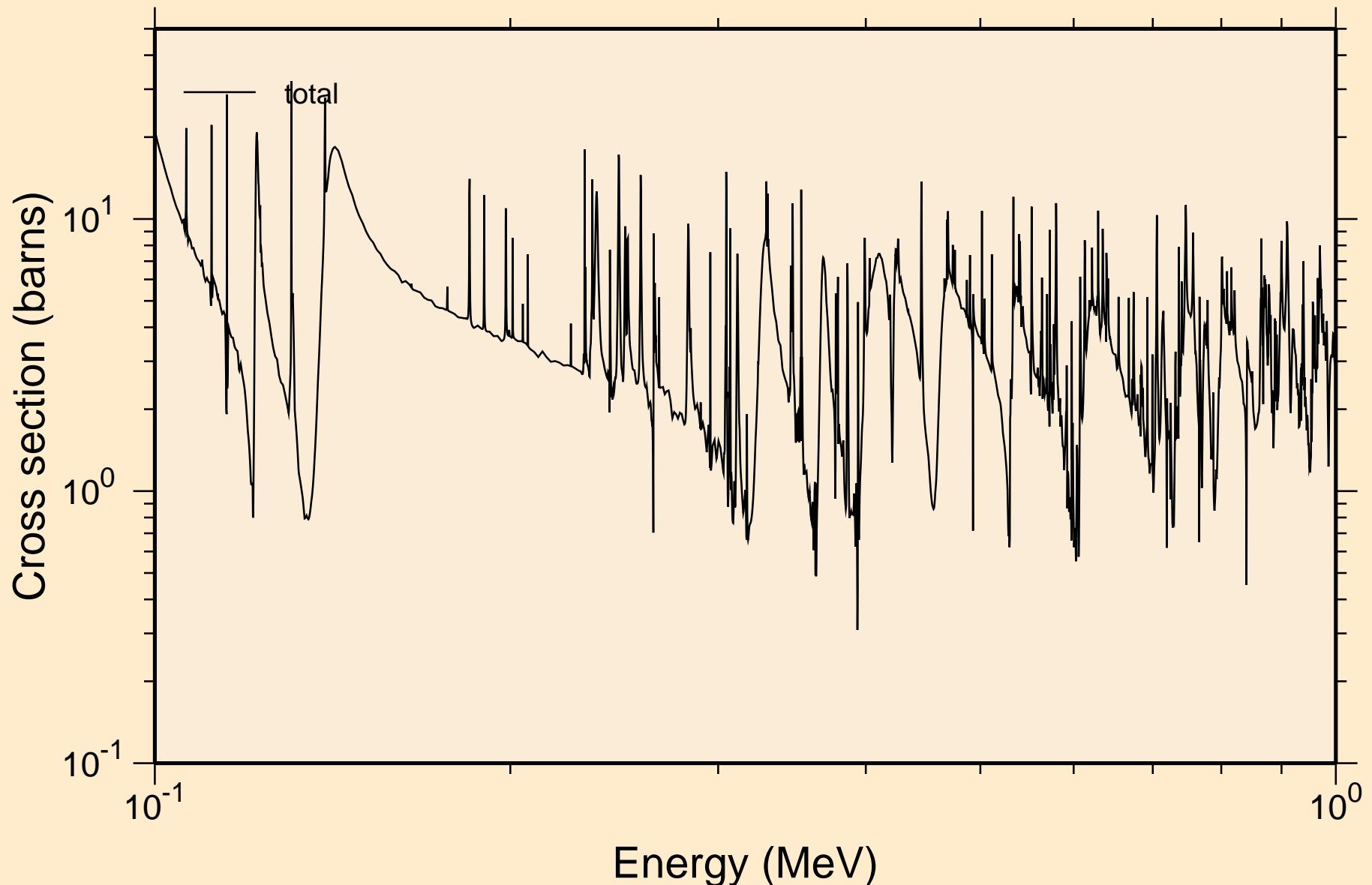
ENDF/B-VII CR-52  
resonance total cross section



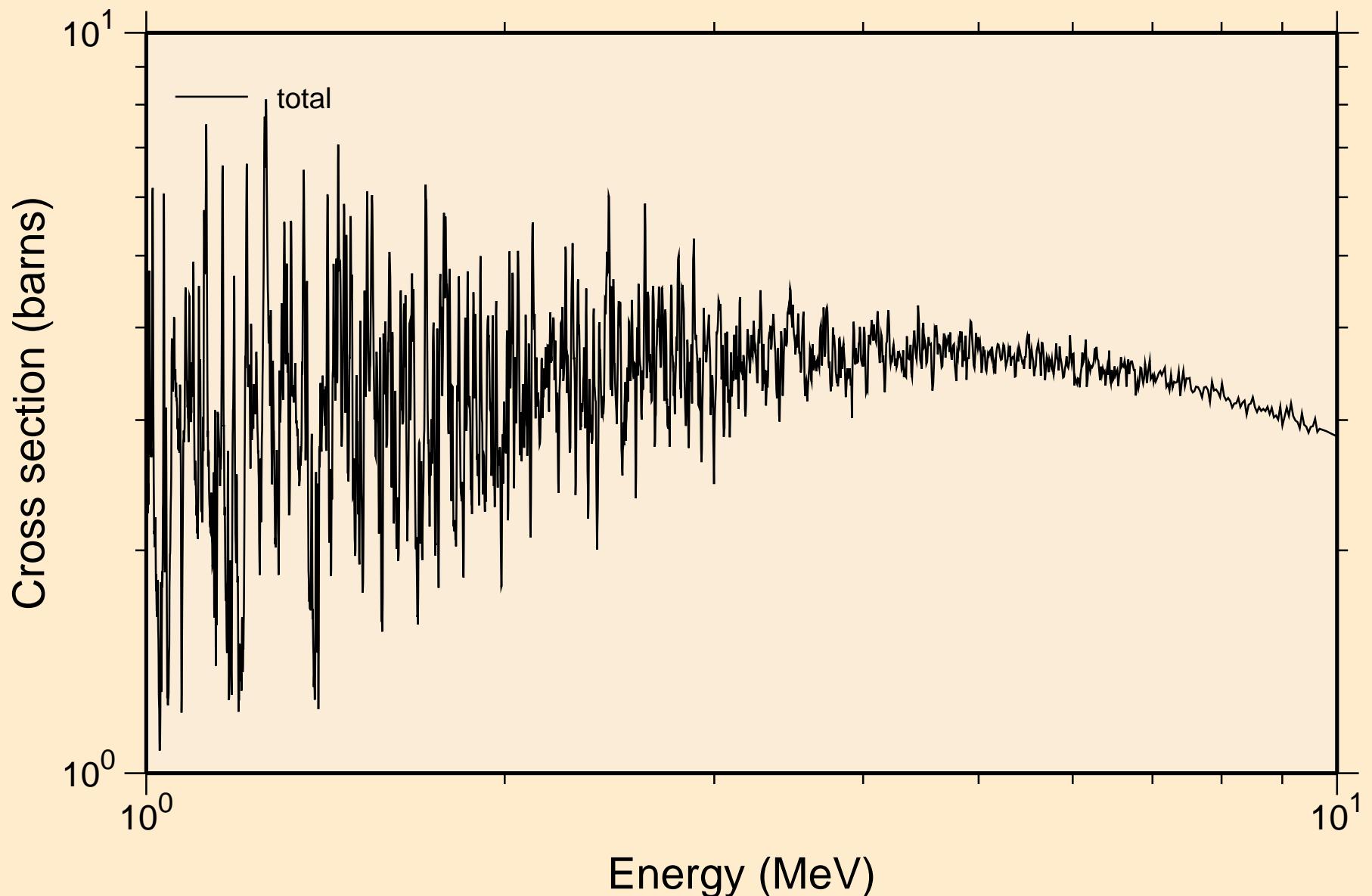
ENDF/B-VII CR-52  
resonance total cross section



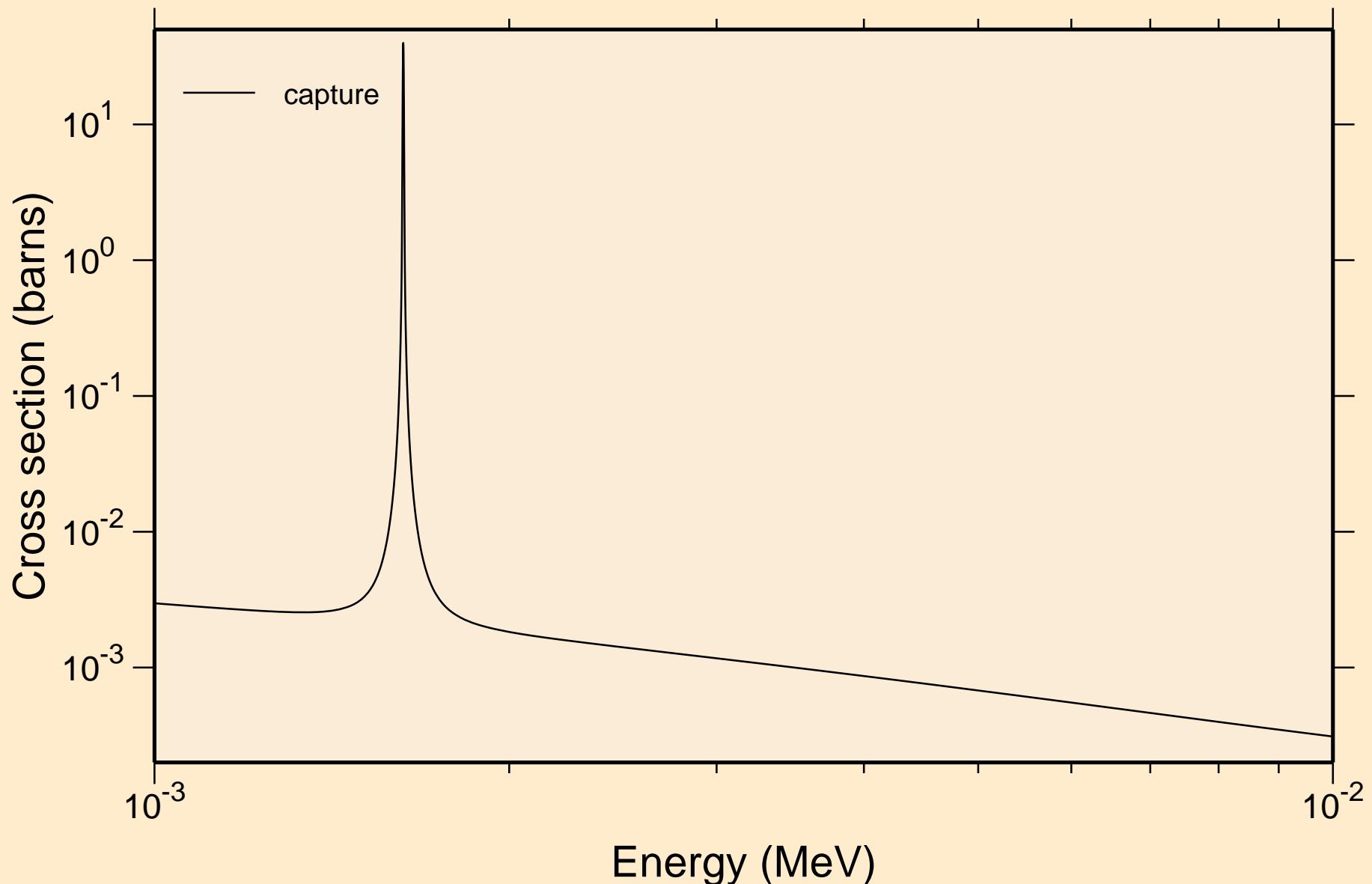
ENDF/B-VII CR-52  
resonance total cross section



ENDF/B-VII CR-52  
resonance total cross section

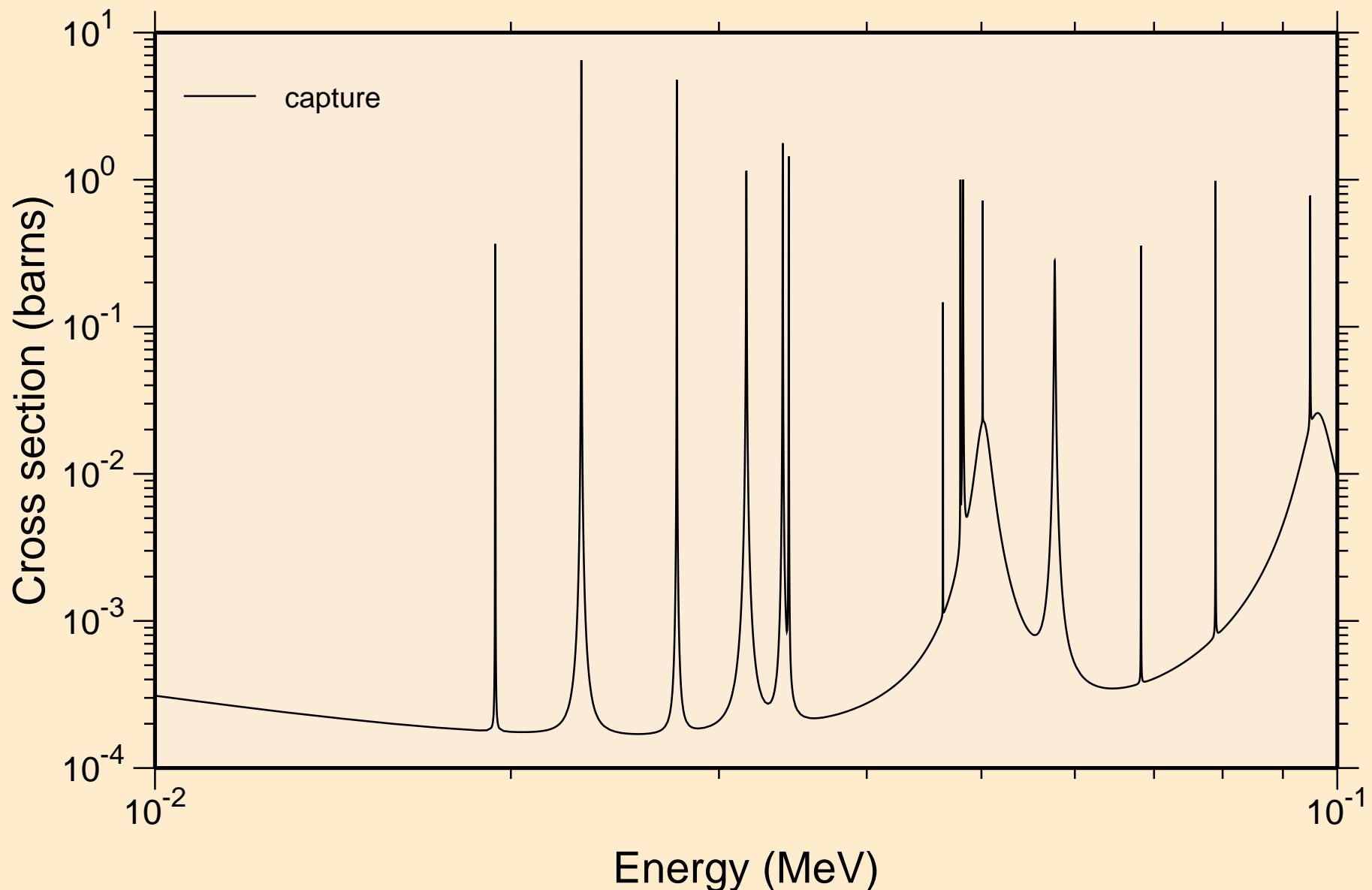


ENDF/B-VII CR-52  
resonance absorption cross sections



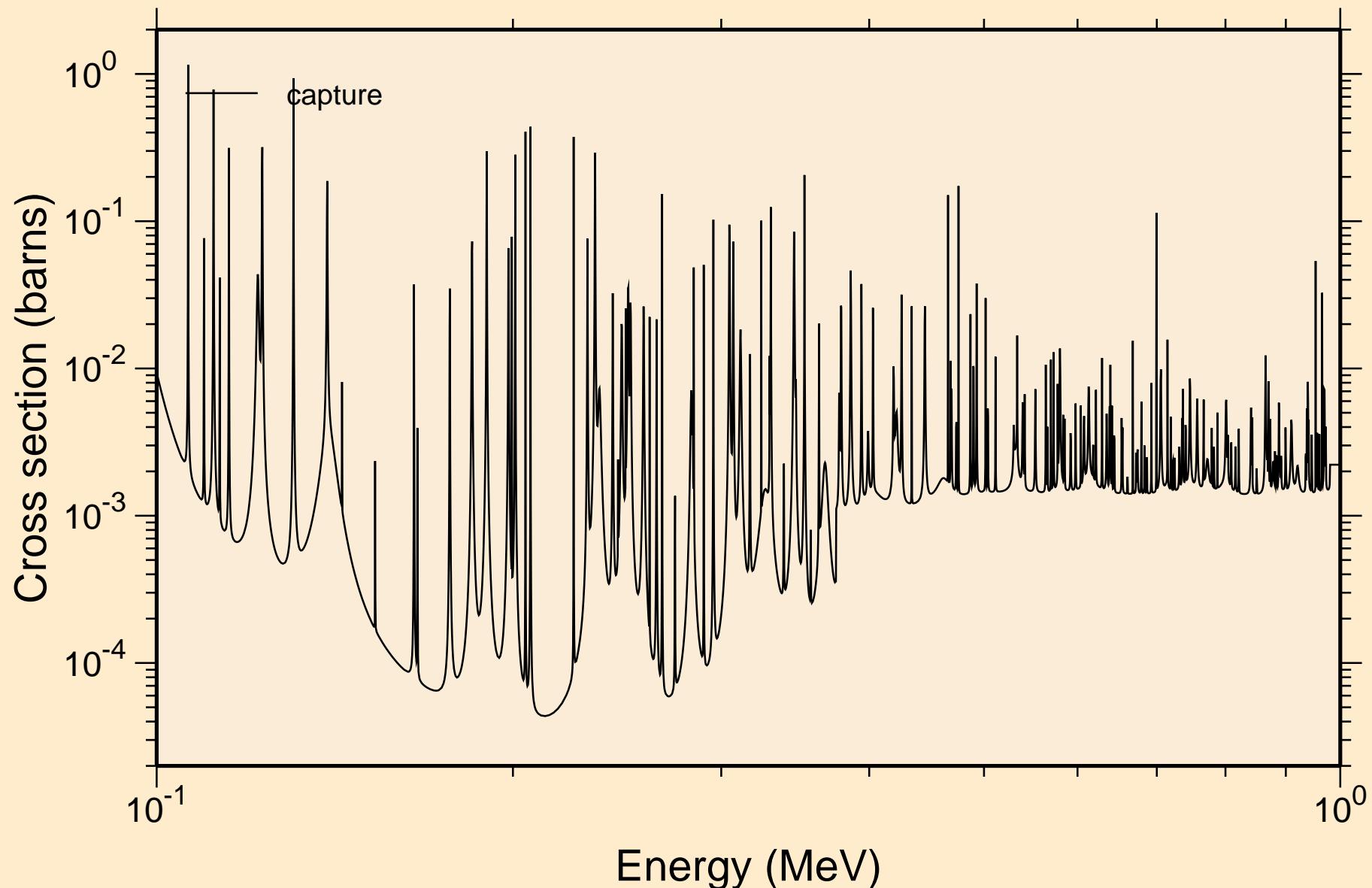
# ENDF/B-VII CR-52

## resonance absorption cross sections

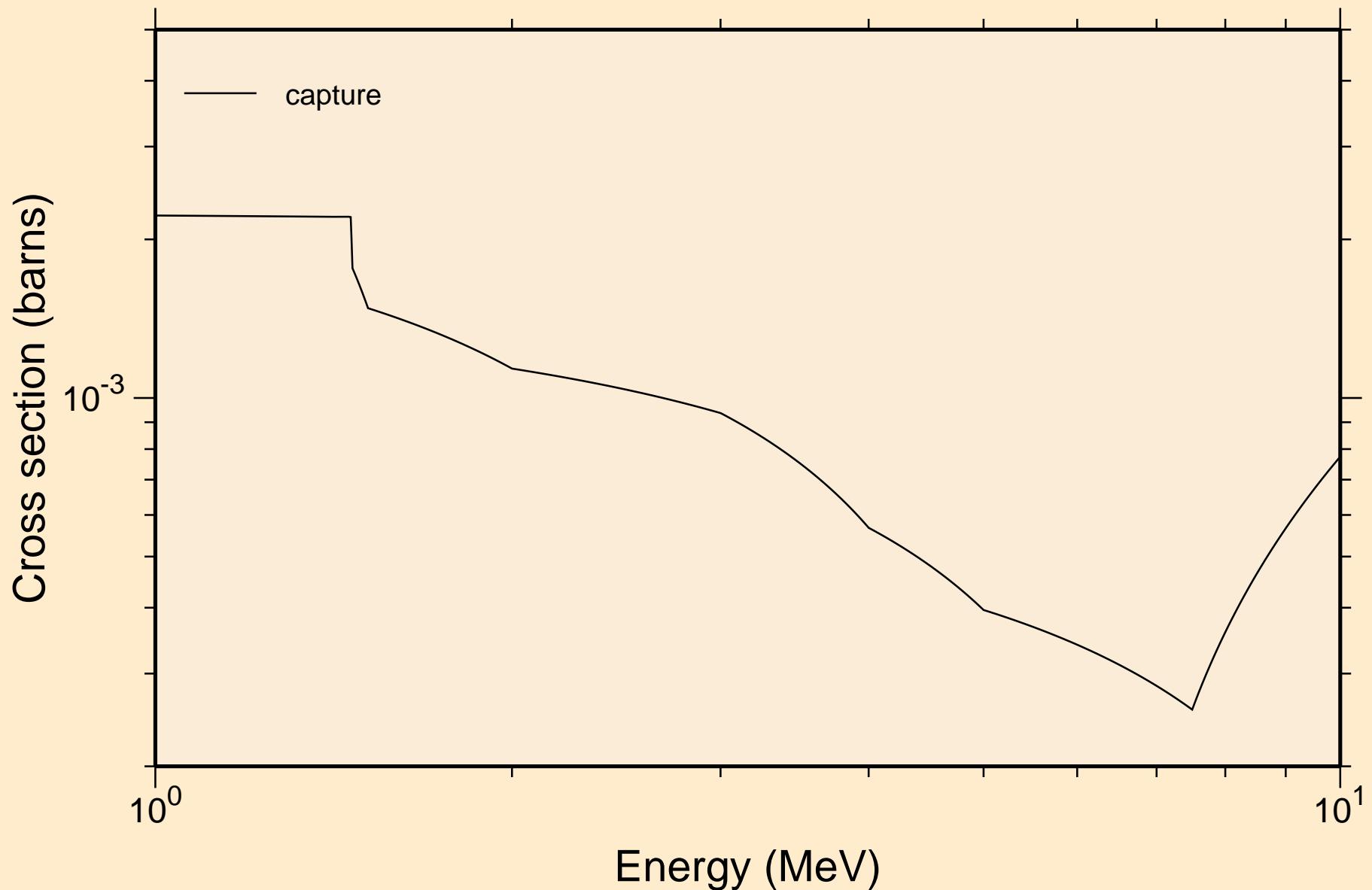


# ENDF/B-VII CR-52

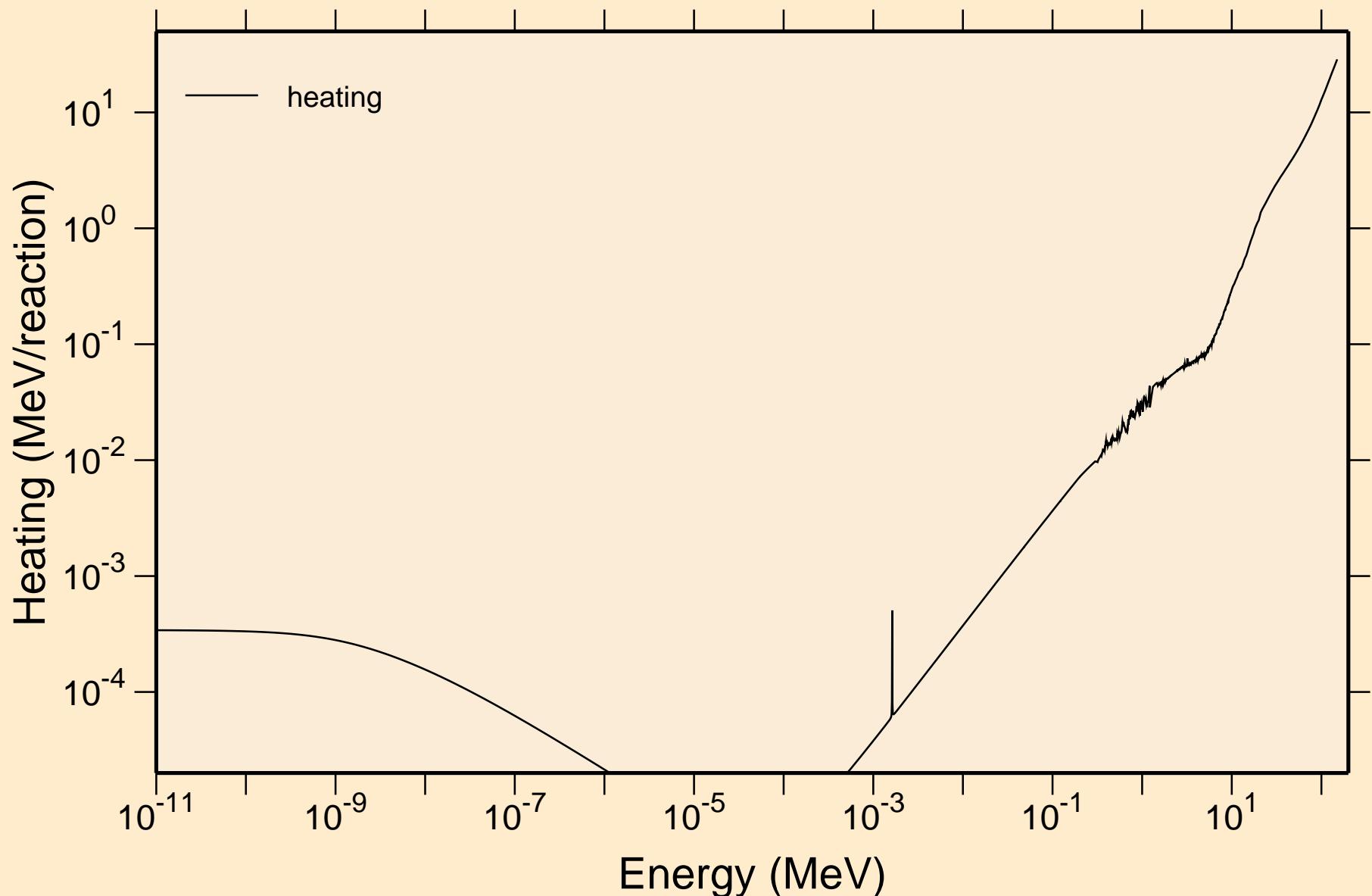
## resonance absorption cross sections



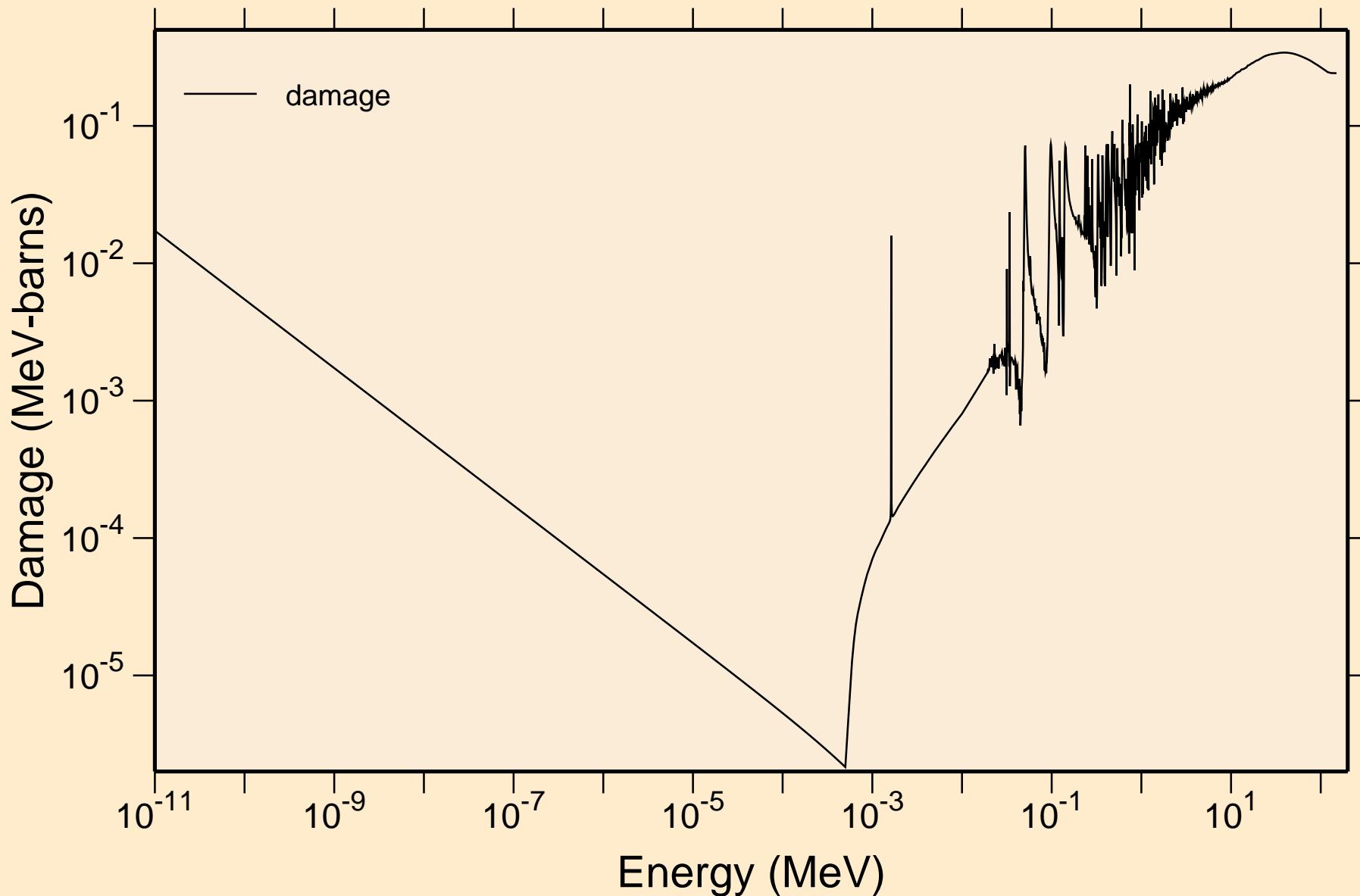
ENDF/B-VII CR-52  
resonance absorption cross sections



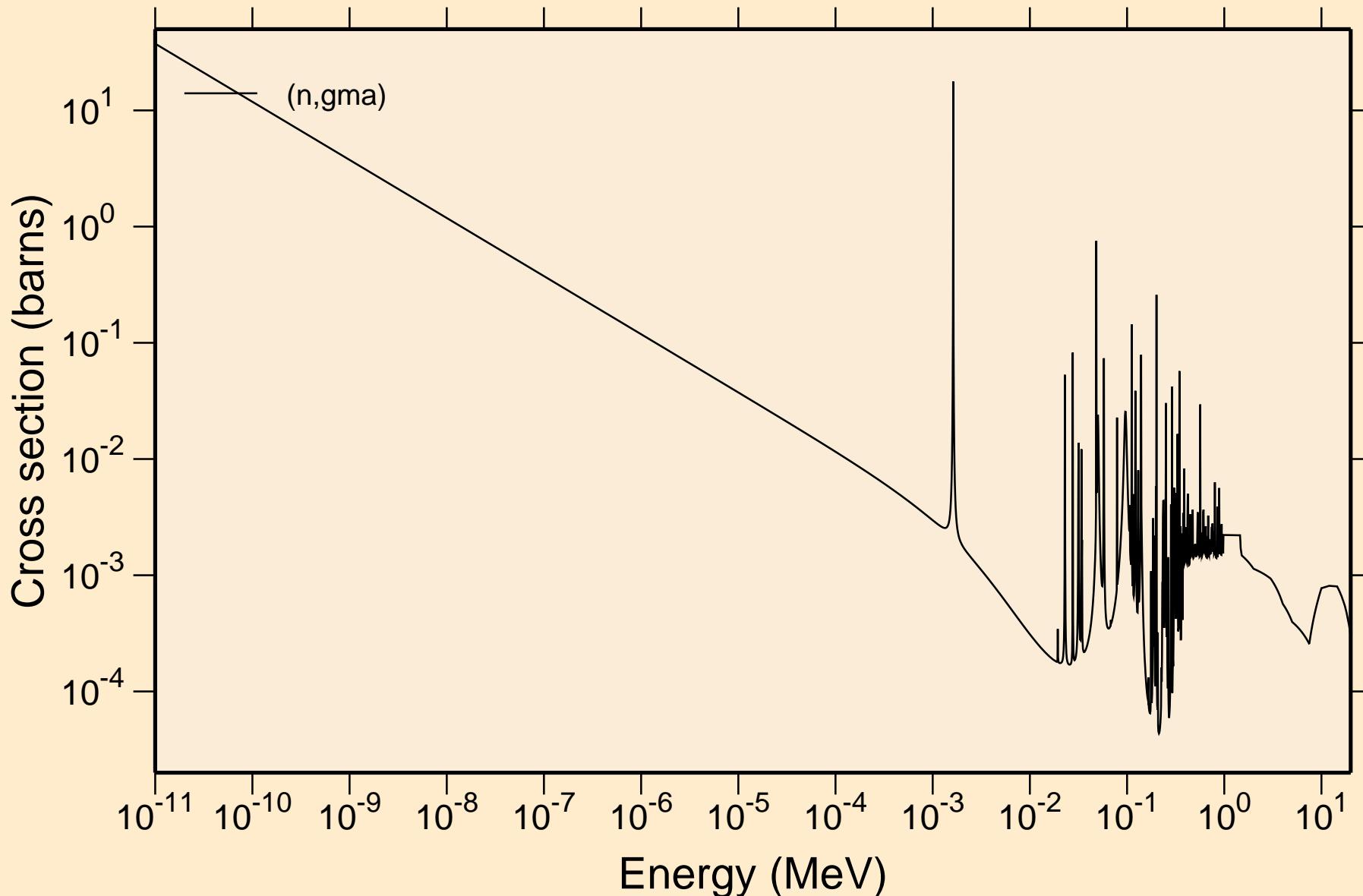
ENDF/B-VII CR-52  
Heating



ENDF/B-VII CR-52  
Damage

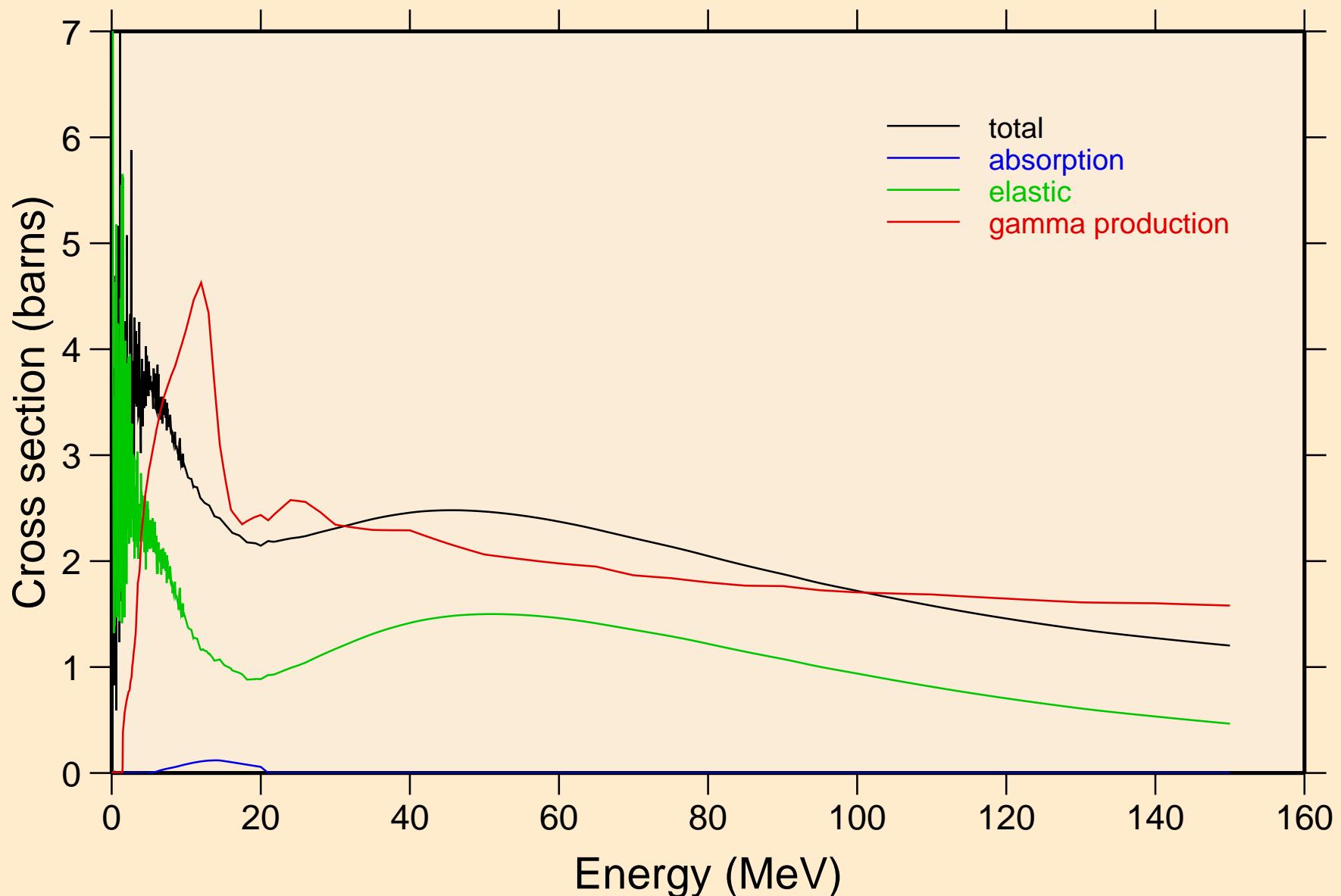


ENDF/B-VII CR-52  
Non-threshold reactions

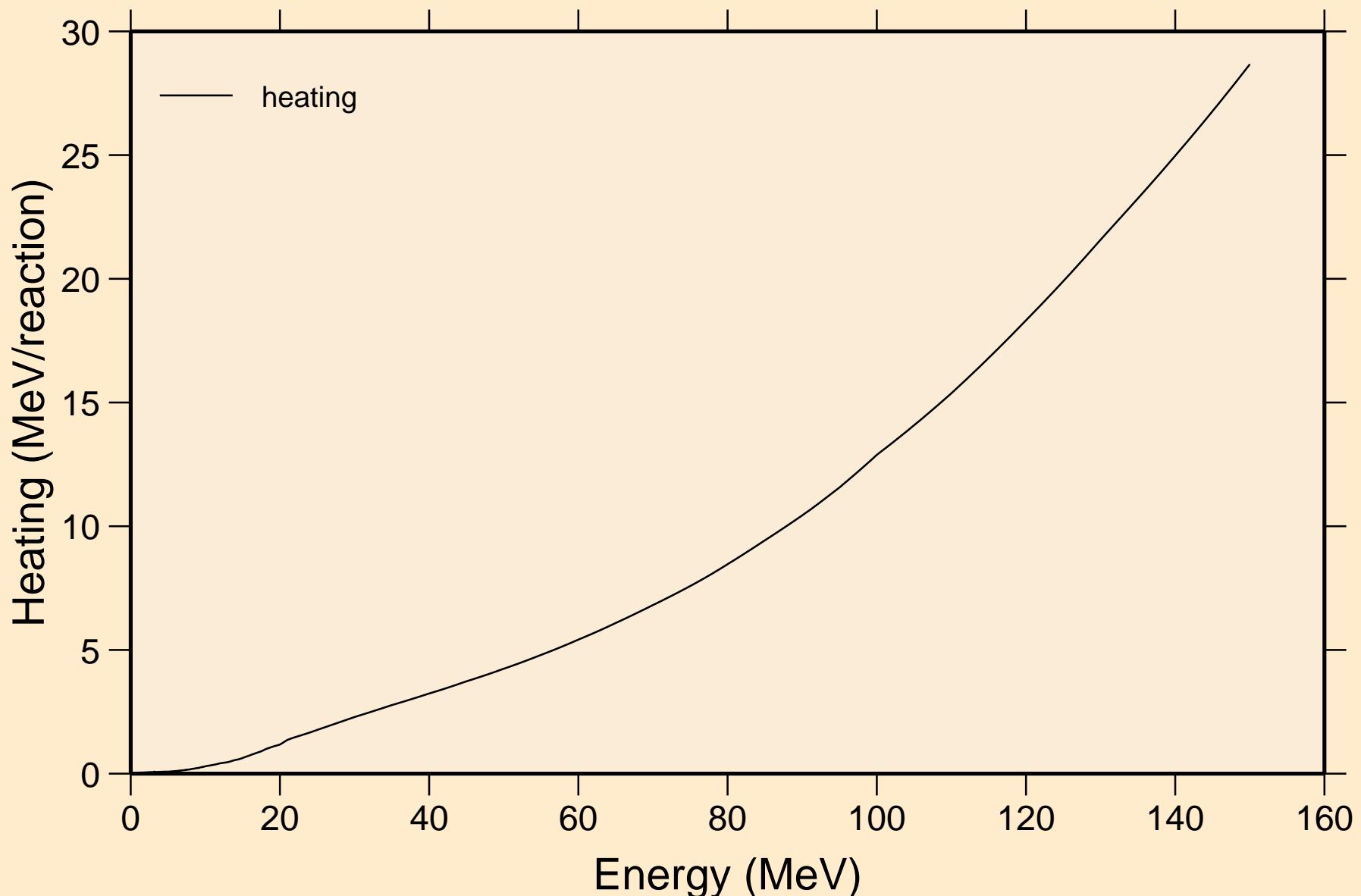


# ENDF/B-VII CR-52

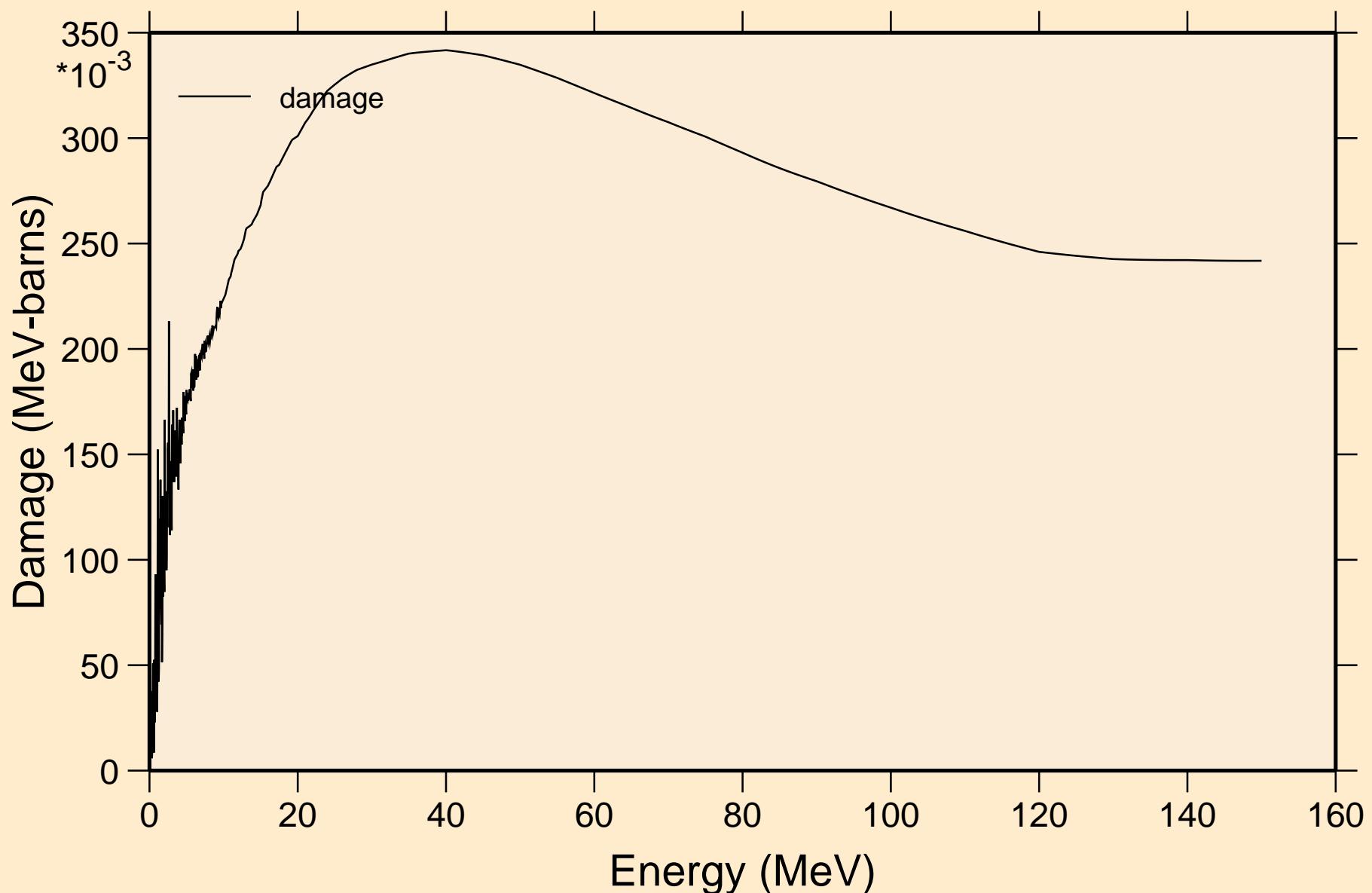
## Principal cross sections



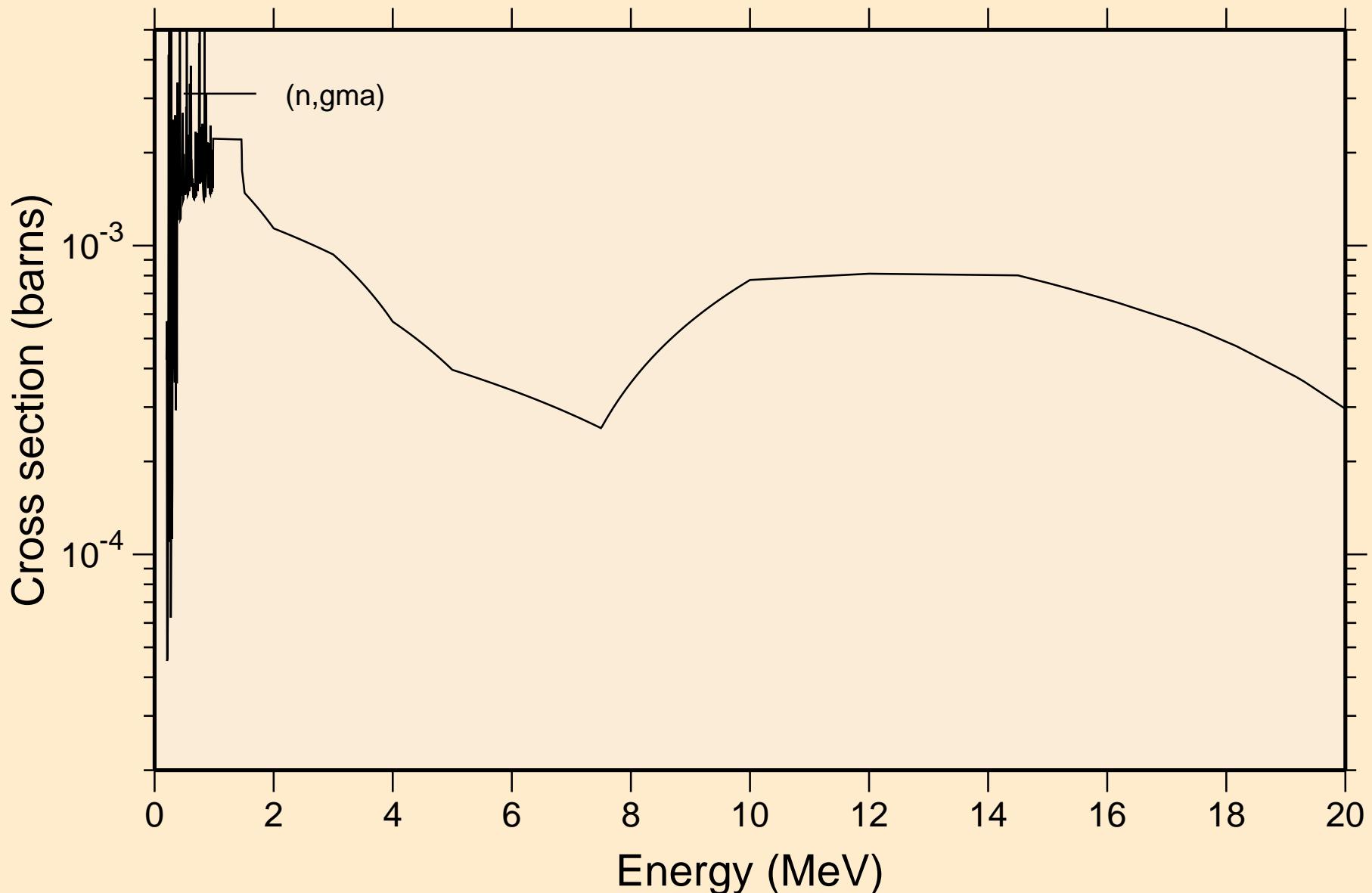
ENDF/B-VII CR-52  
Heating



ENDF/B-VII CR-52  
Damage

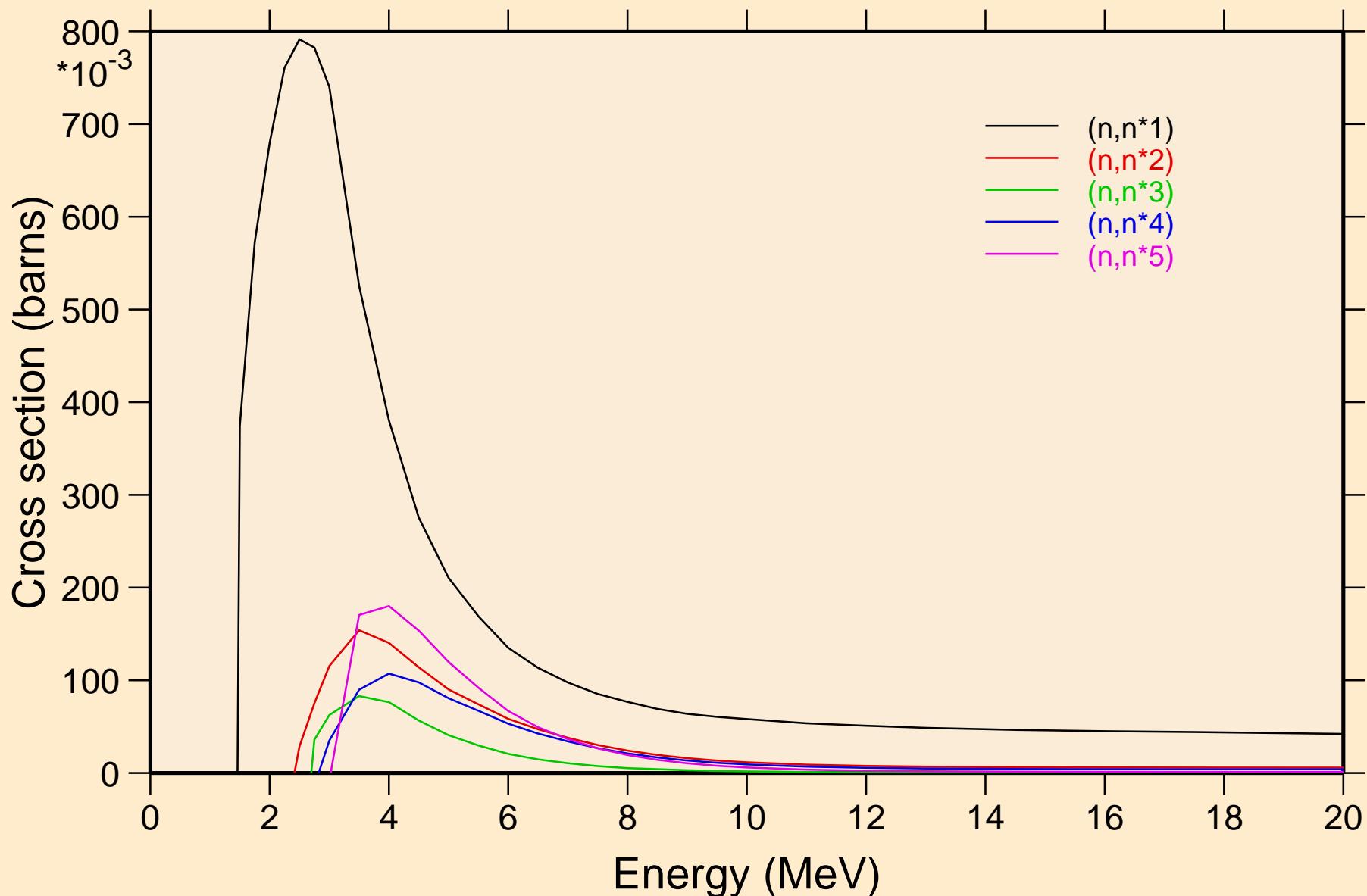


ENDF/B-VII CR-52  
Non-threshold reactions



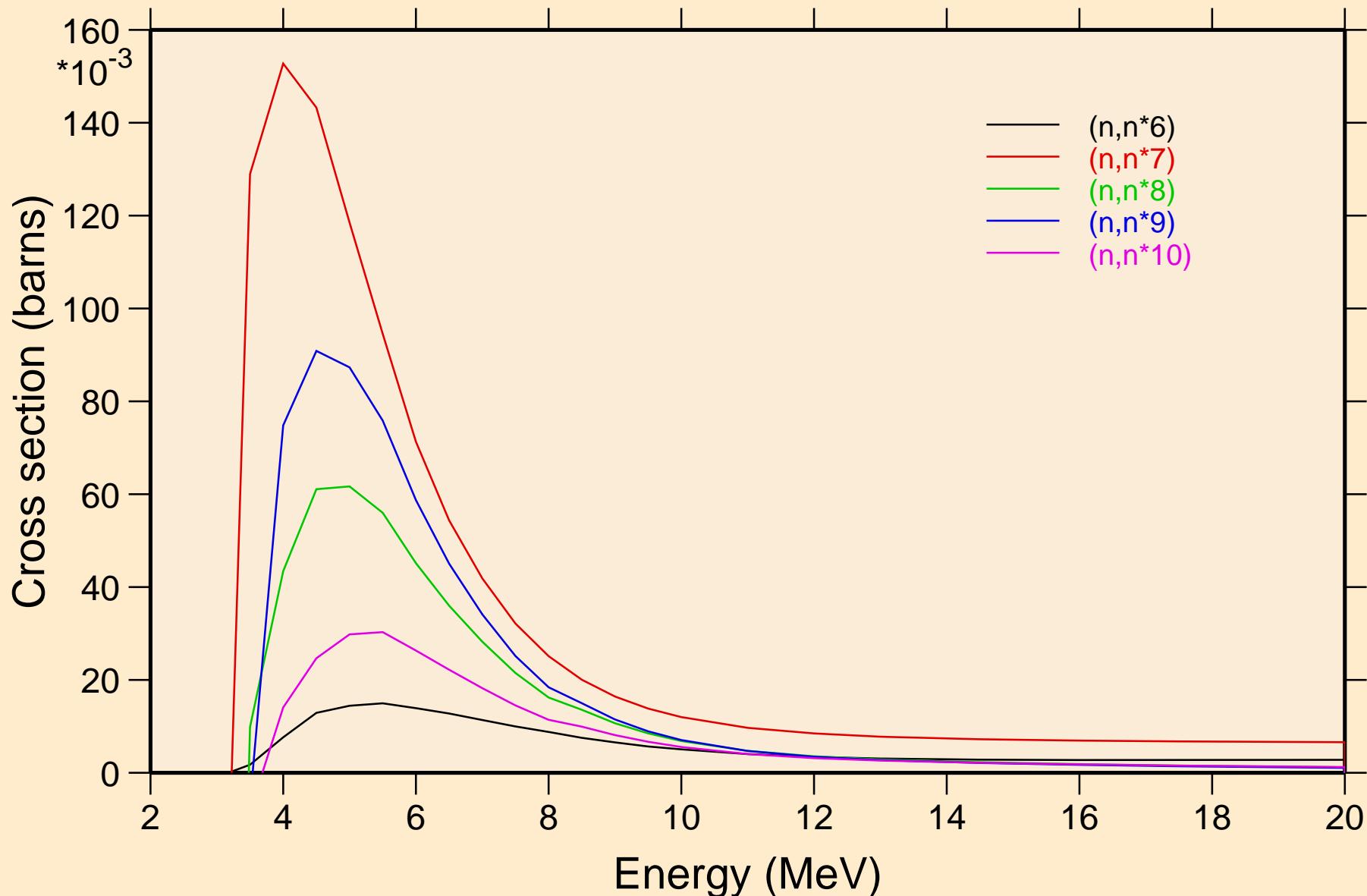
# ENDF/B-VII CR-52

## Inelastic levels



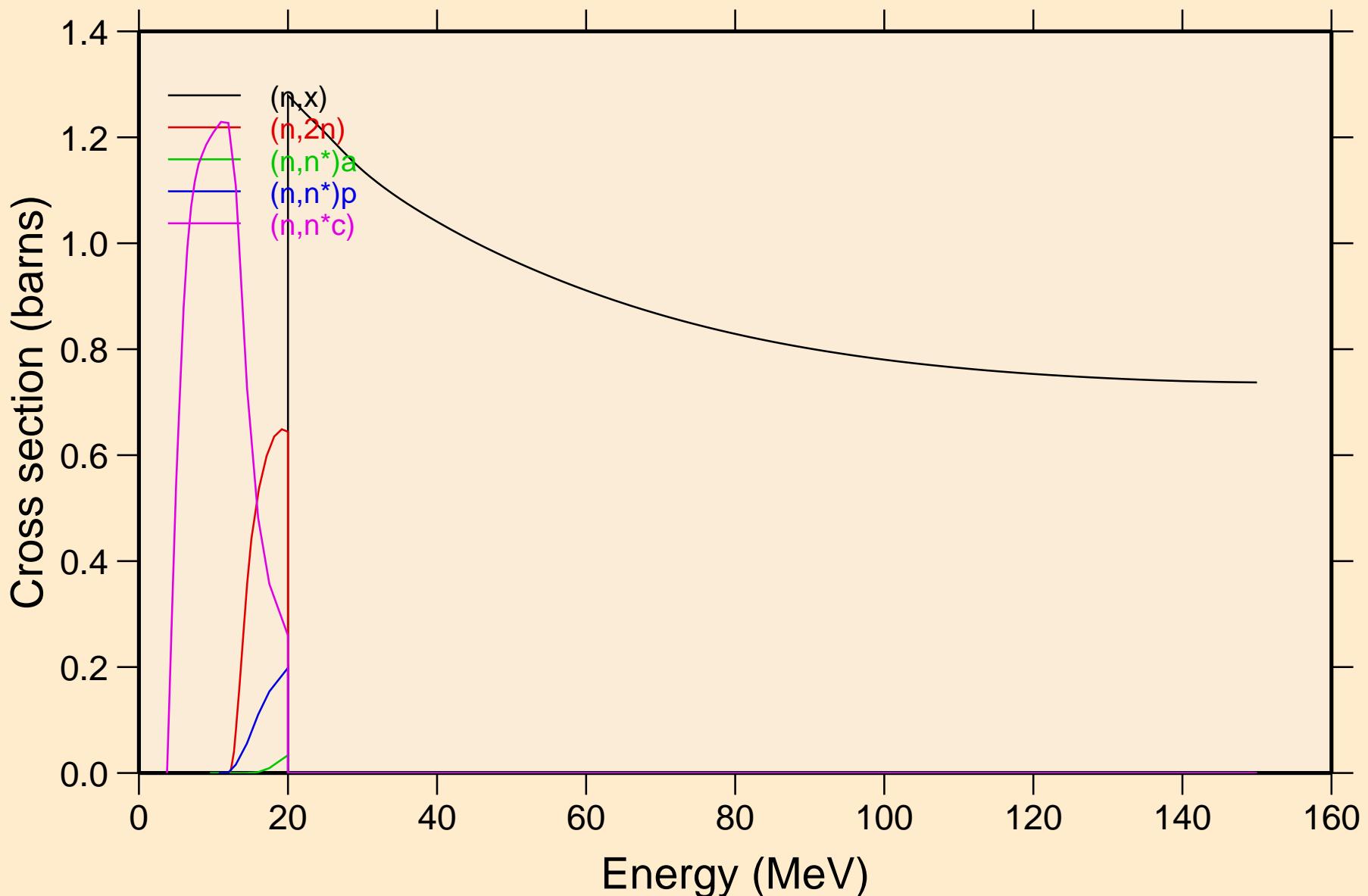
# ENDF/B-VII CR-52

## Inelastic levels



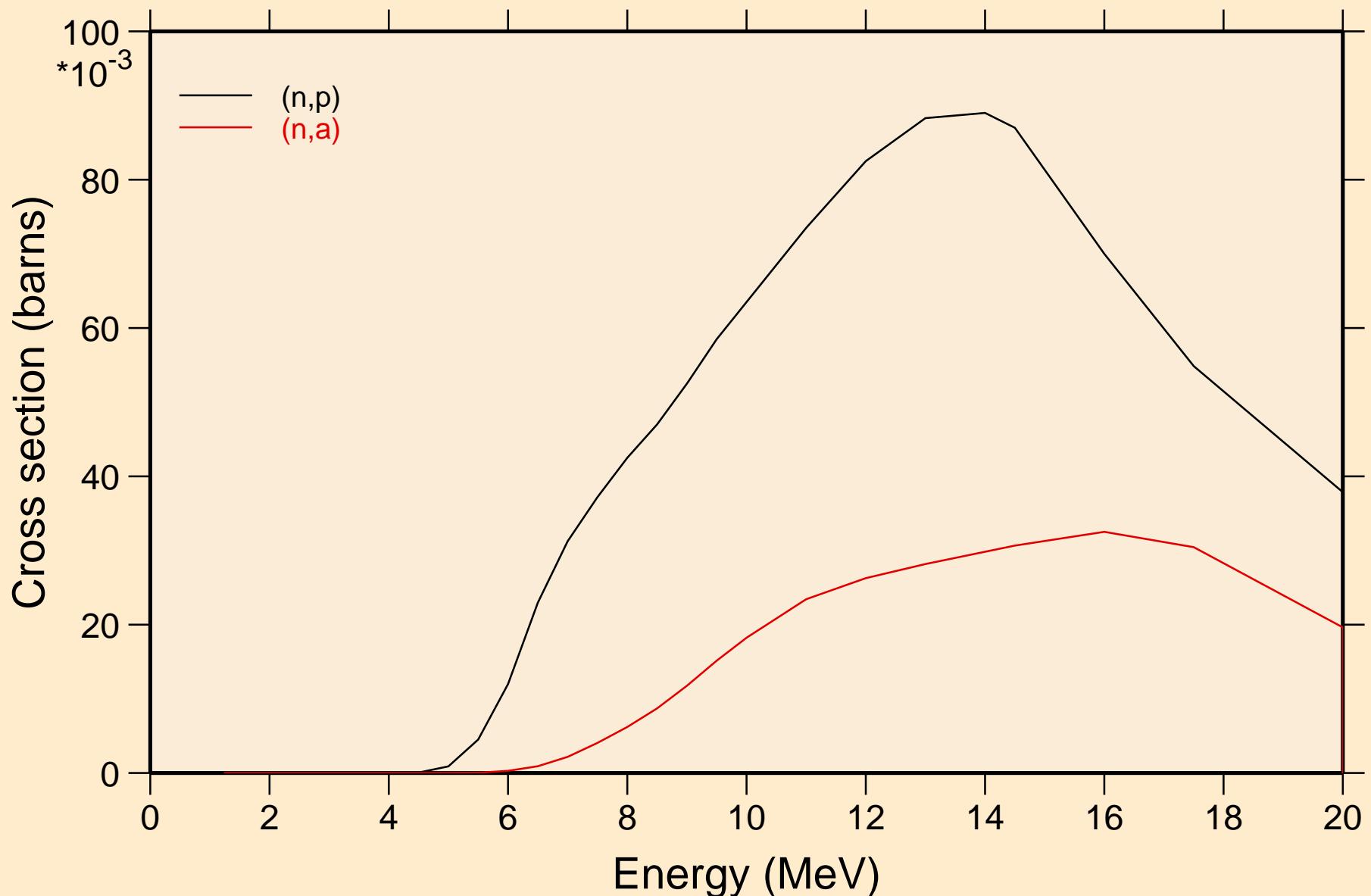
# ENDF/B-VII CR-52

## Threshold reactions



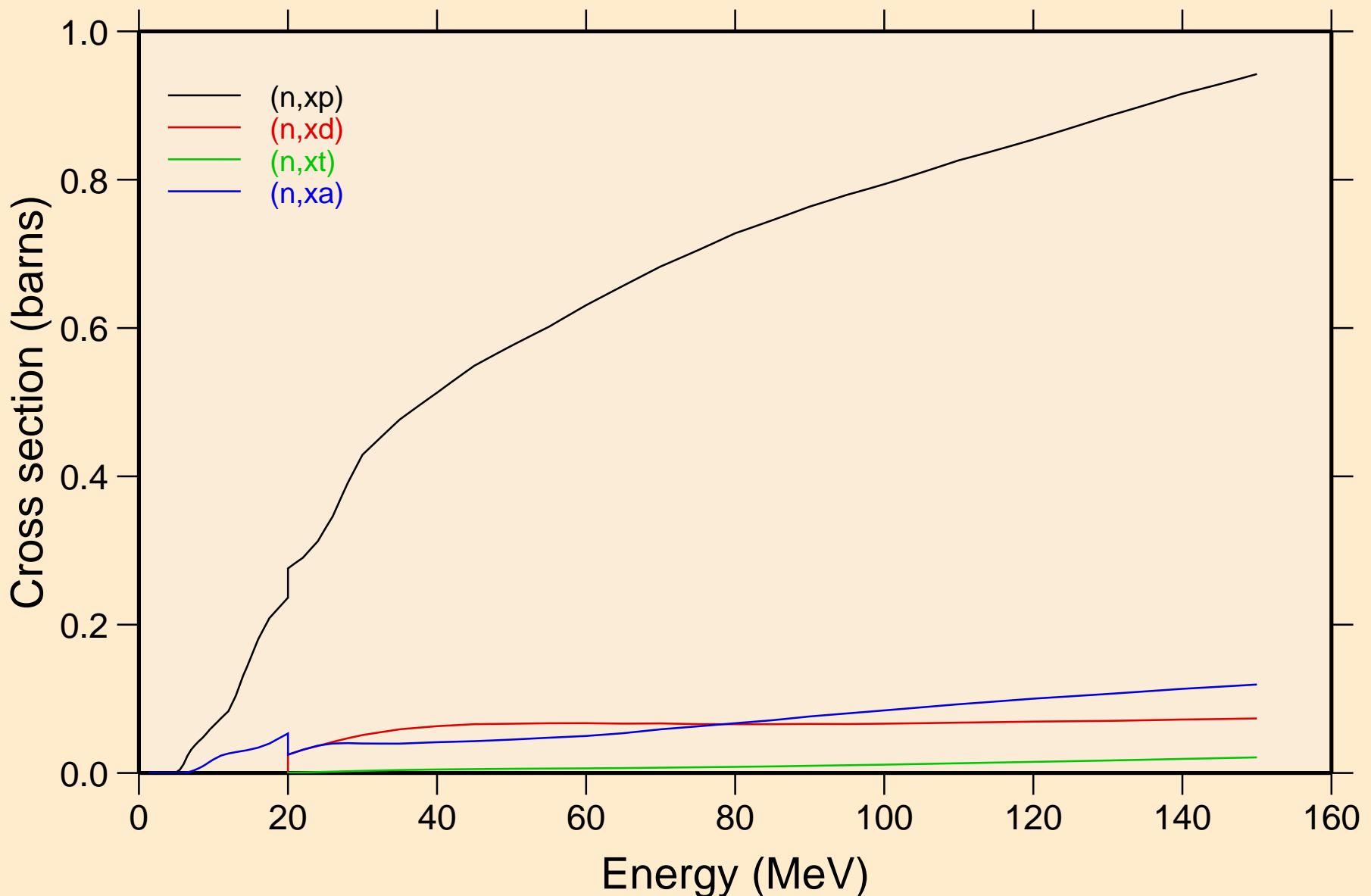
# ENDF/B-VII CR-52

## Threshold reactions

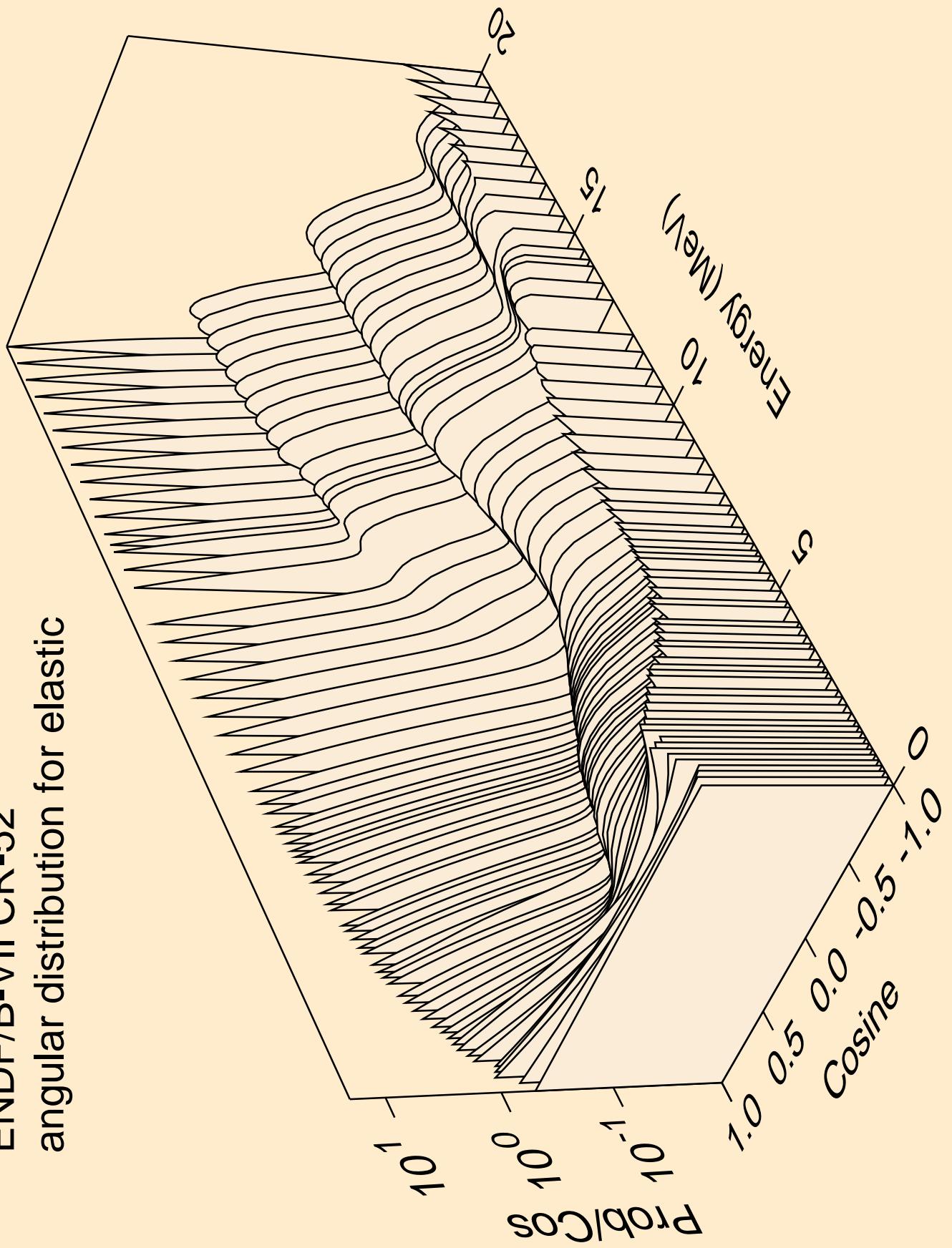


# ENDF/B-VII CR-52

## Threshold reactions

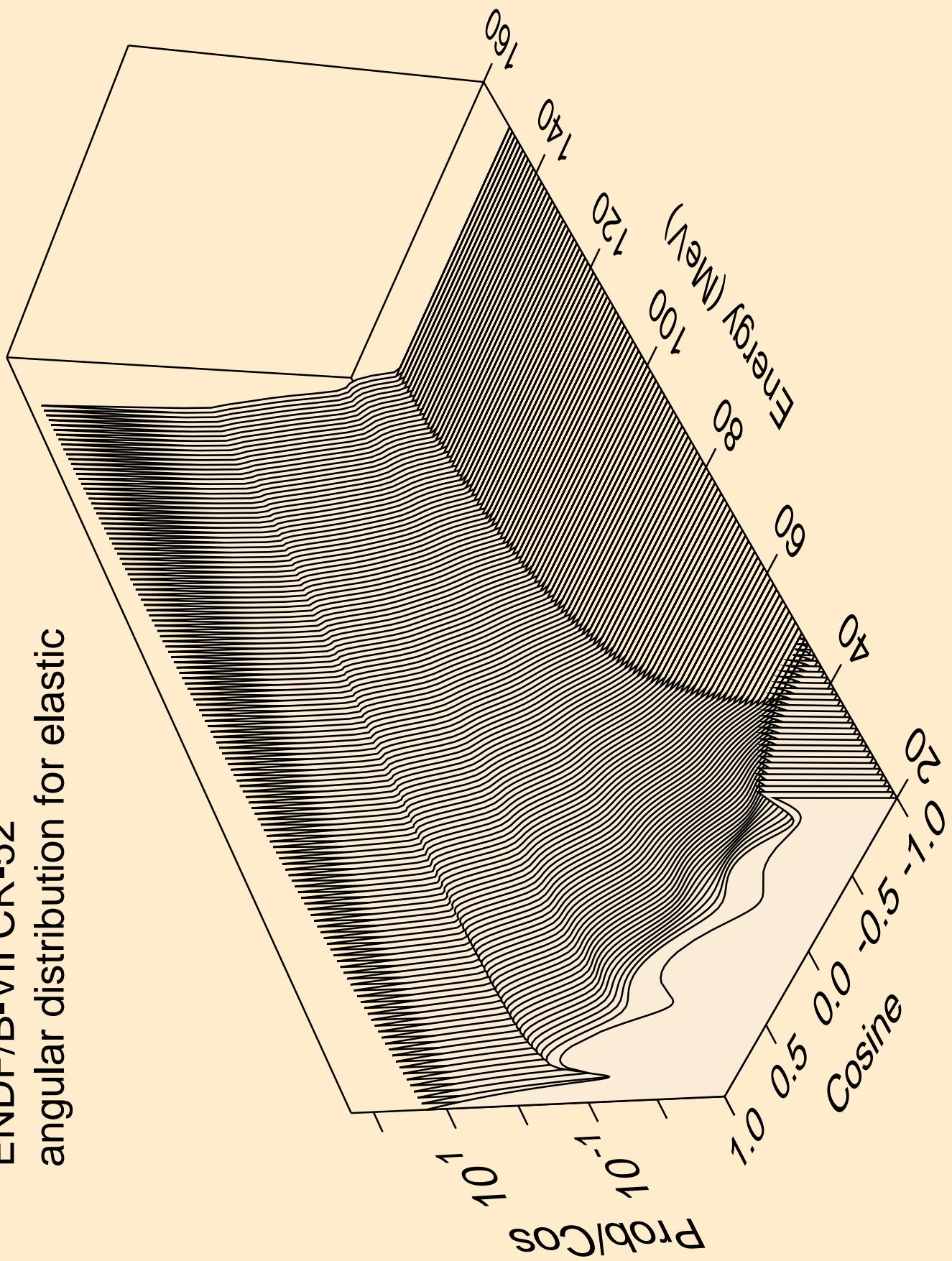


ENDF/B-VII CR-52  
angular distribution for elastic



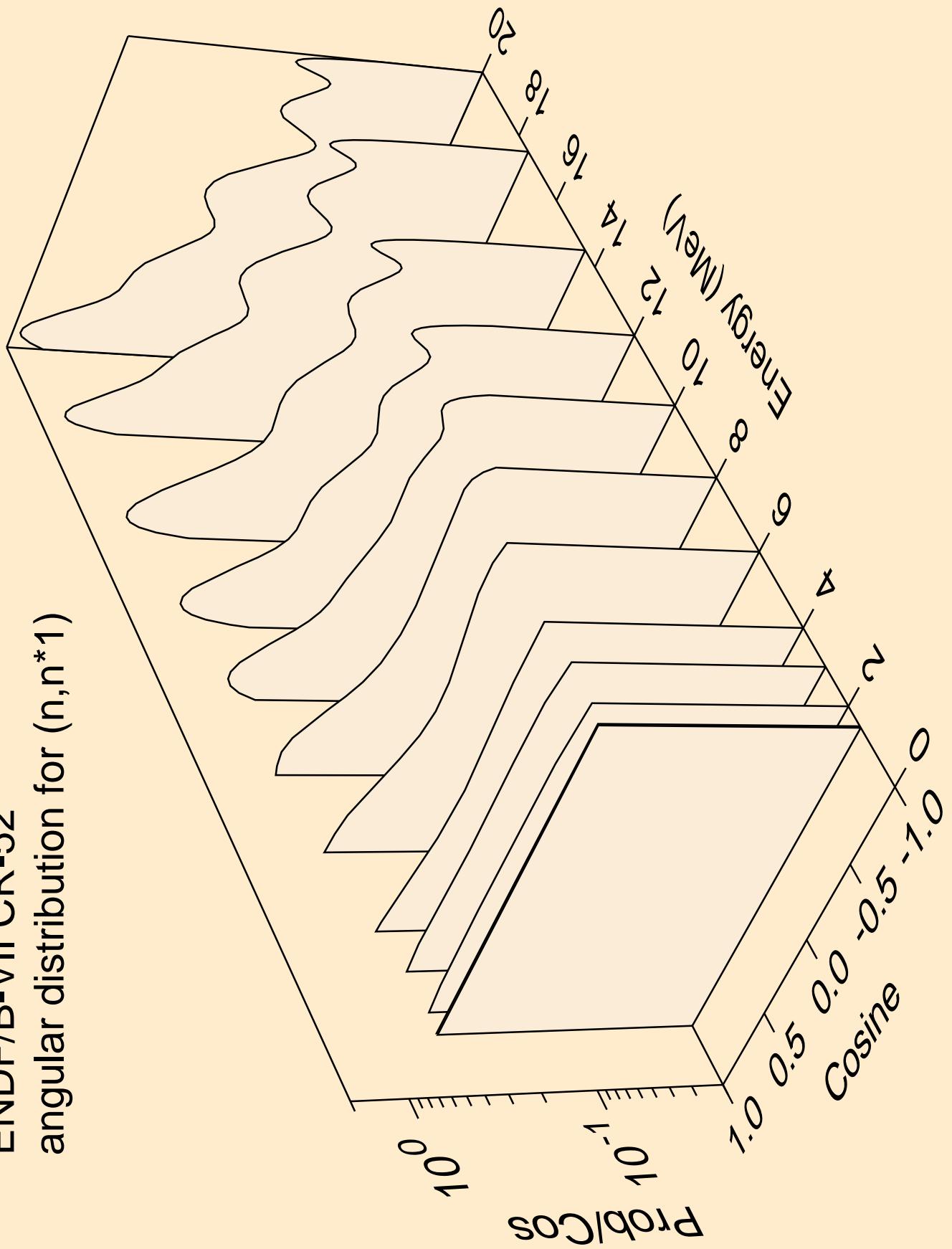
ENDF/B-VII CR-52

angular distribution for elastic



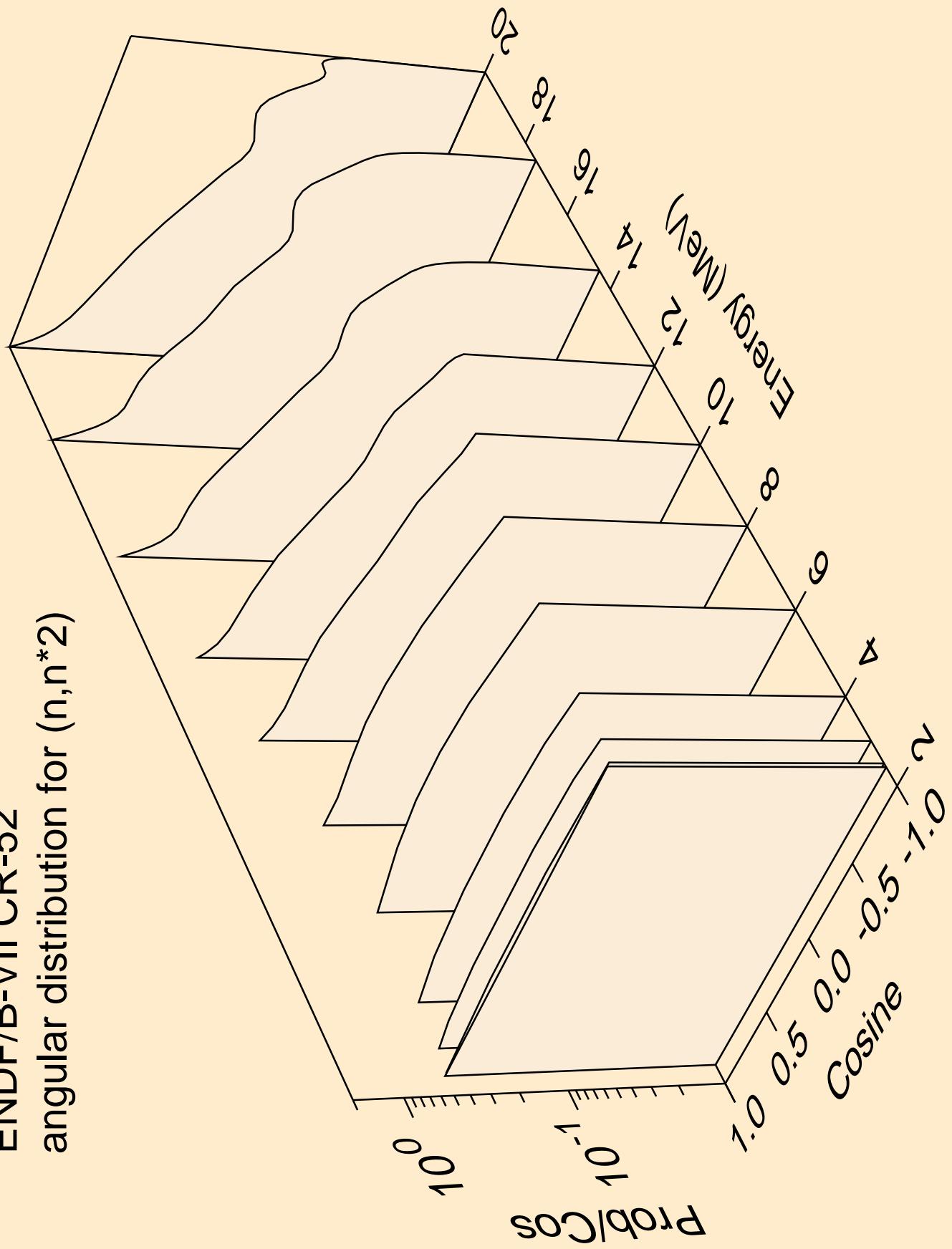
ENDF/B-VII CR-52

angular distribution for  $(n, n^*)$



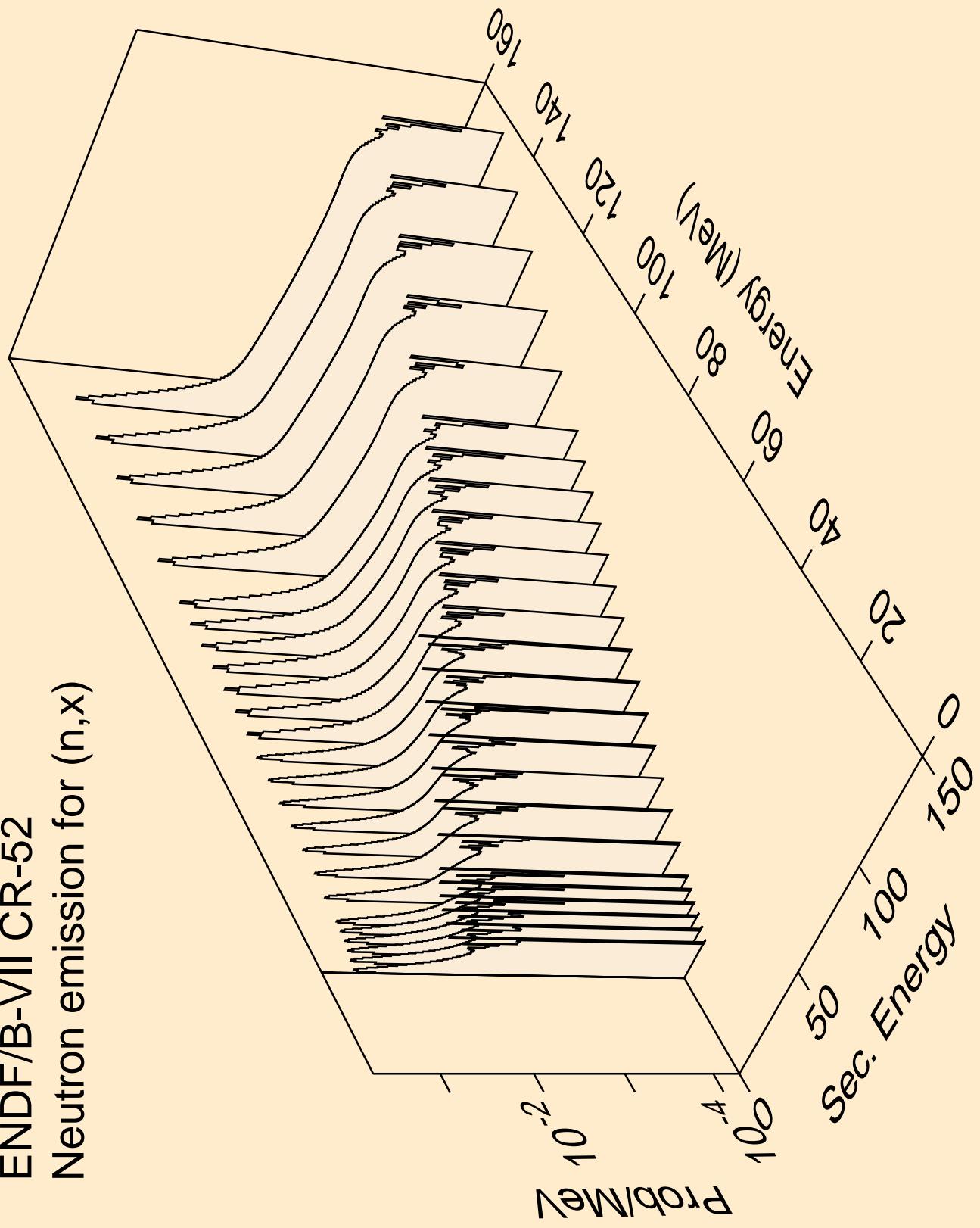
ENDF/B-VII CR-52

angular distribution for  $(n,n^*2)$



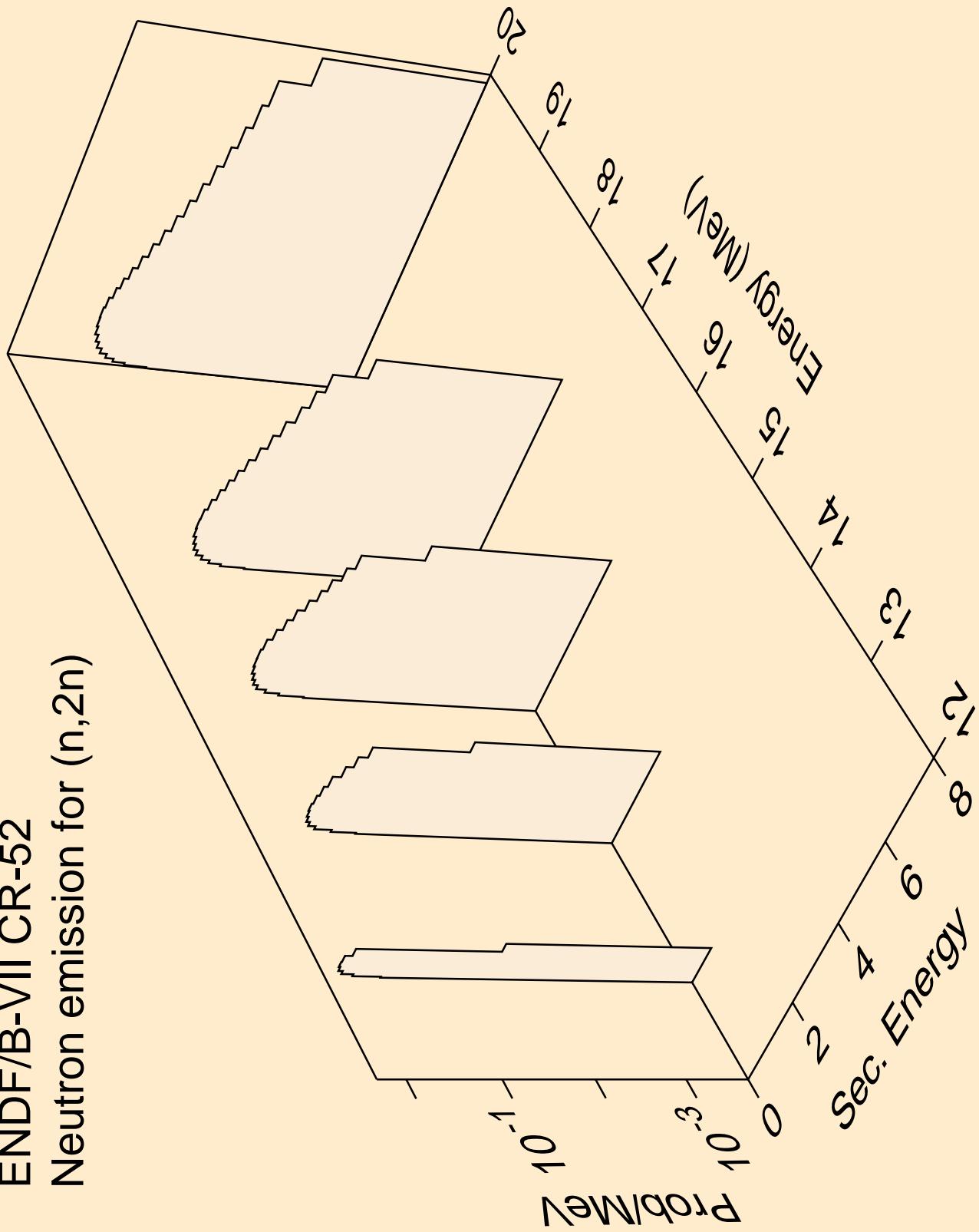
ENDF/B-VII CR-52

Neutron emission for (n,x)



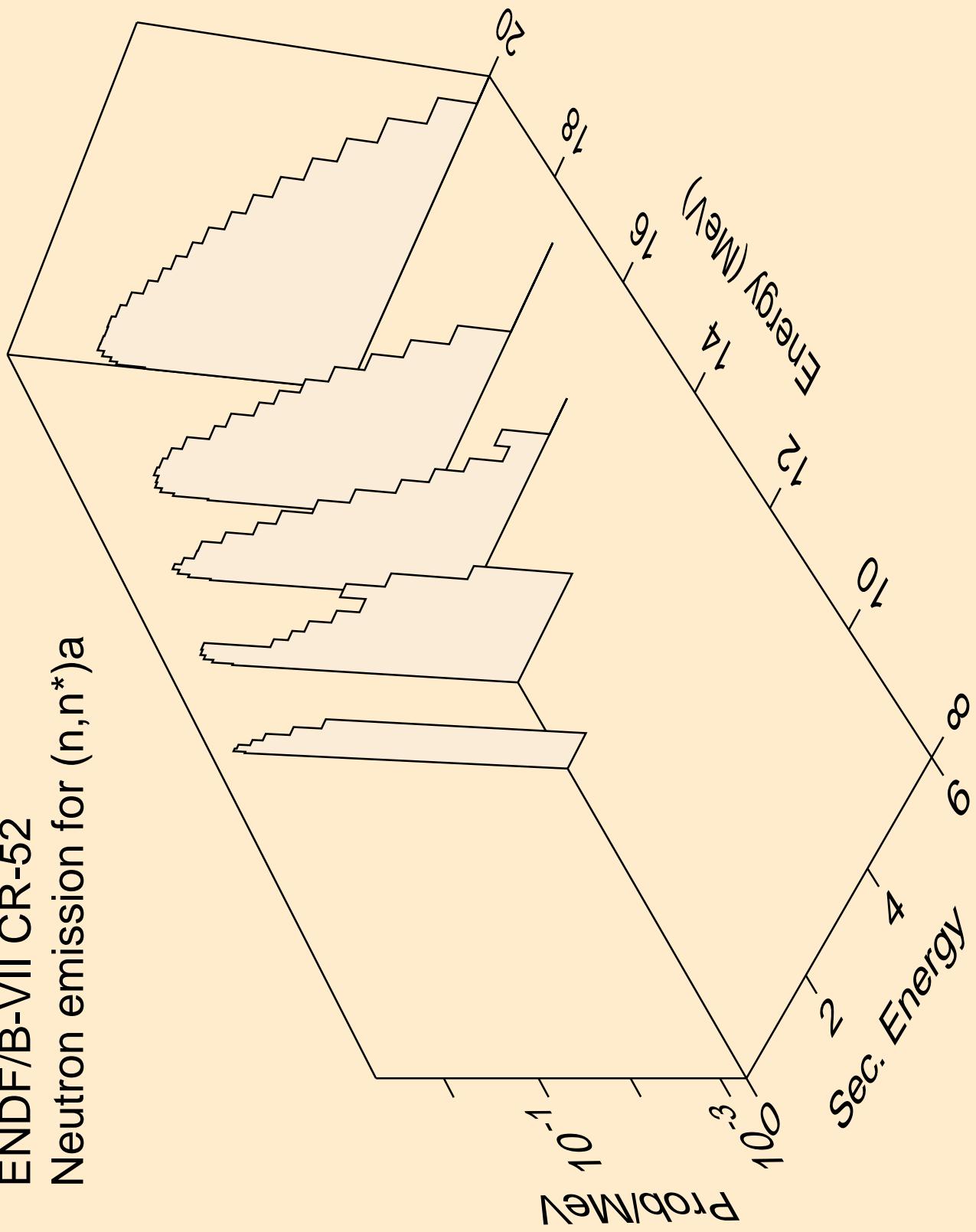
ENDF/B-VII CR-52

Neutron emission for  $(n,2n)$



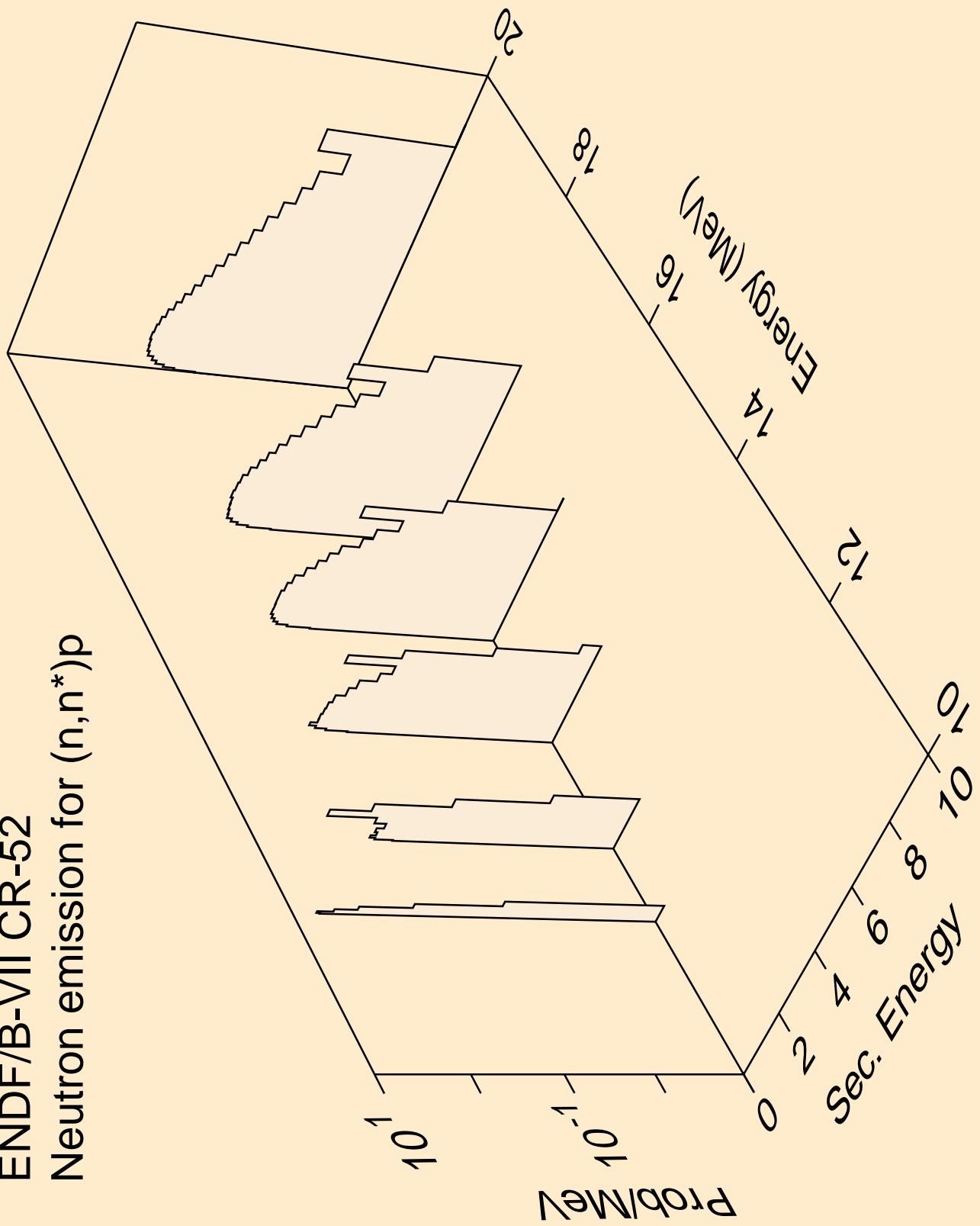
ENDF/B-VII CR-52

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



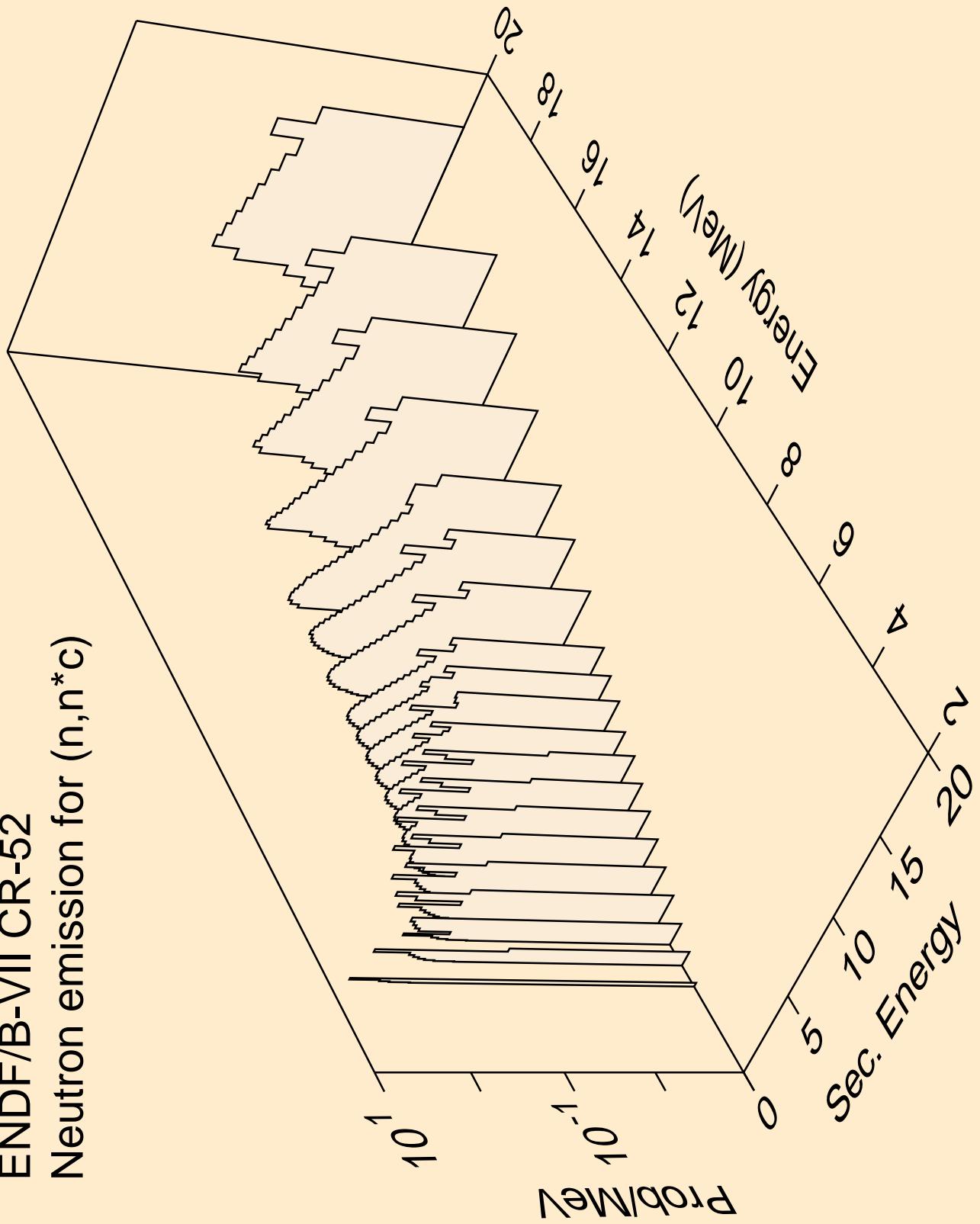
ENDF/B-VII CR-52

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



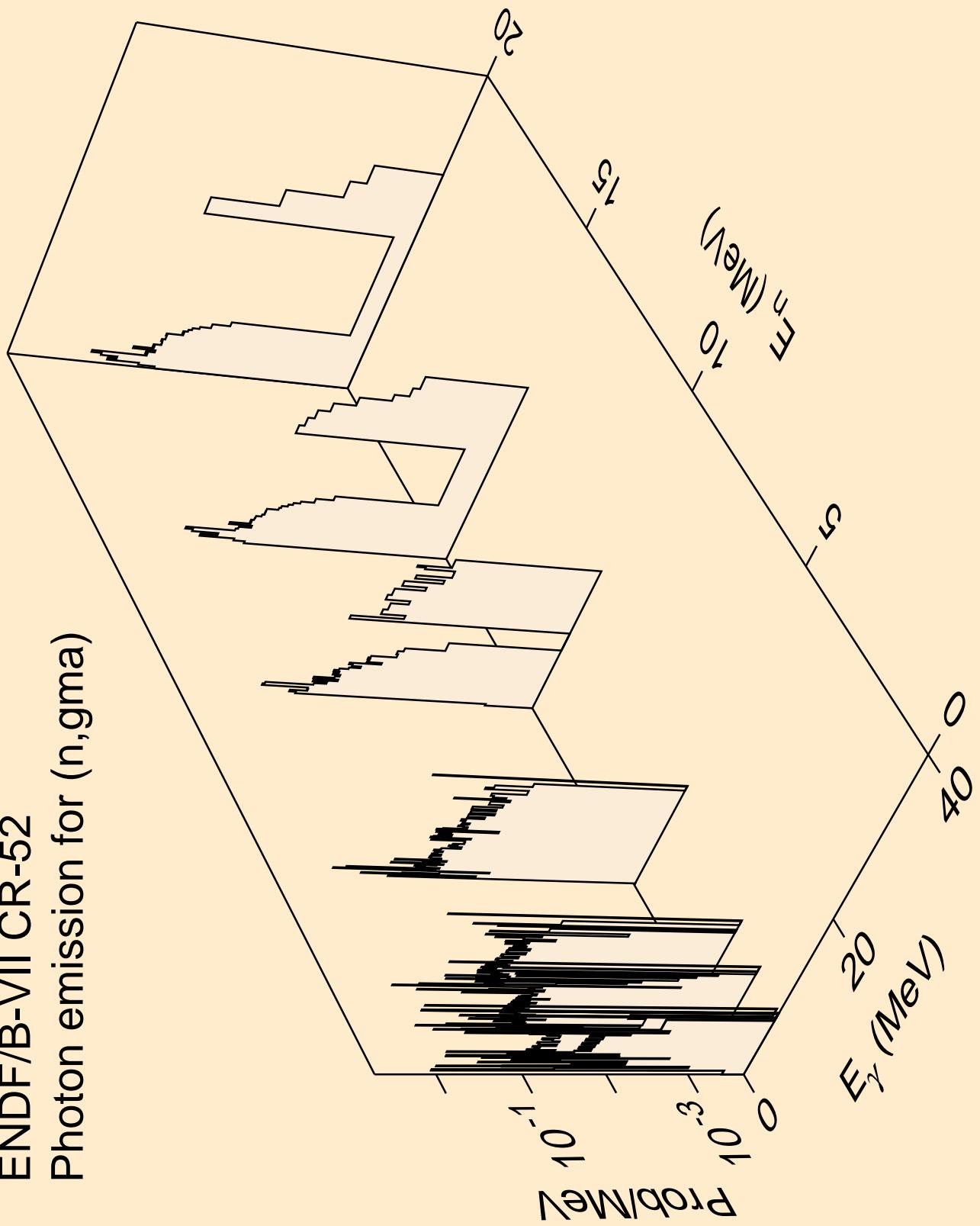
ENDF/B-VII CR-52

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



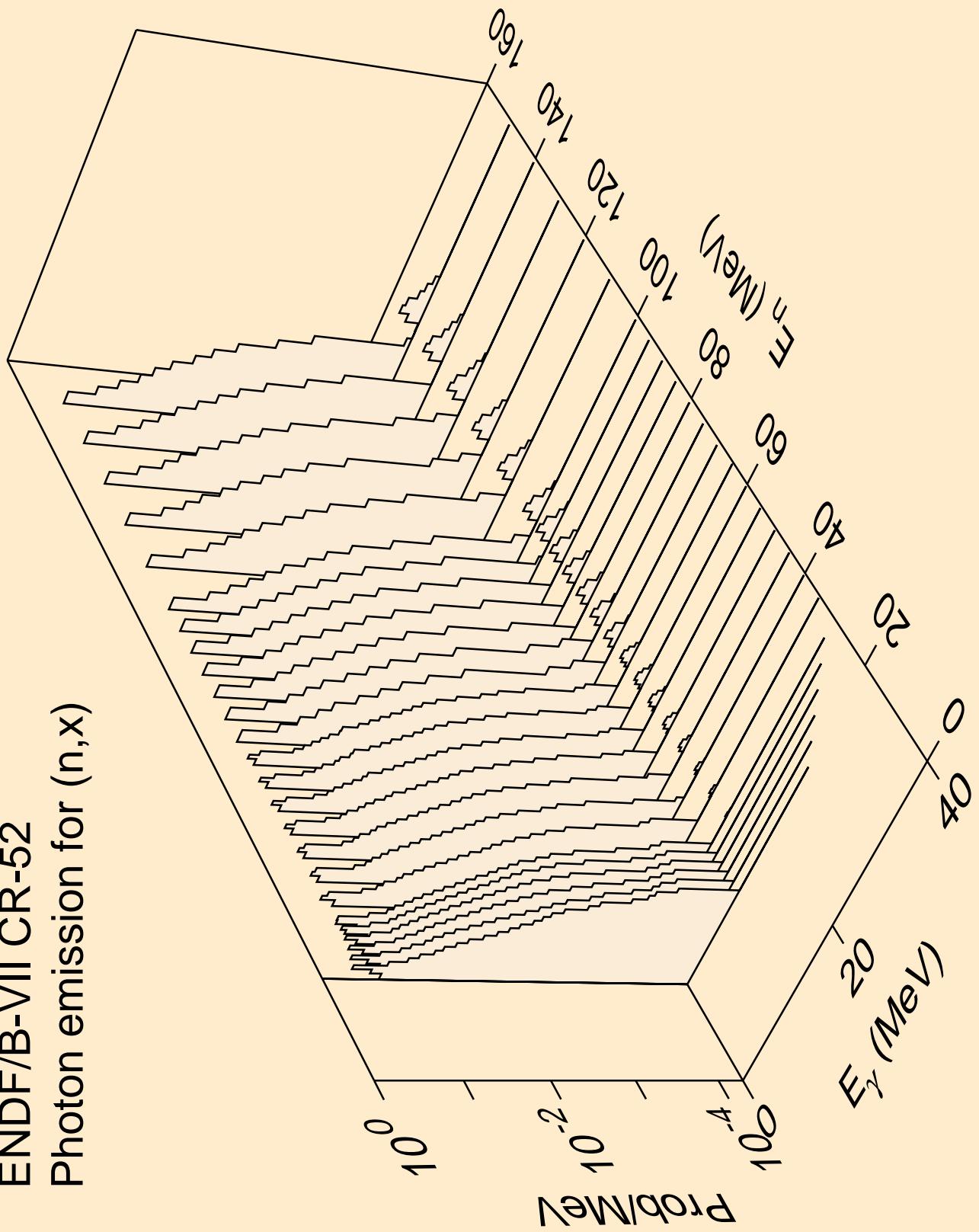
ENDF/B-VII CR-52

Photon emission for  $(n, \gamma)$

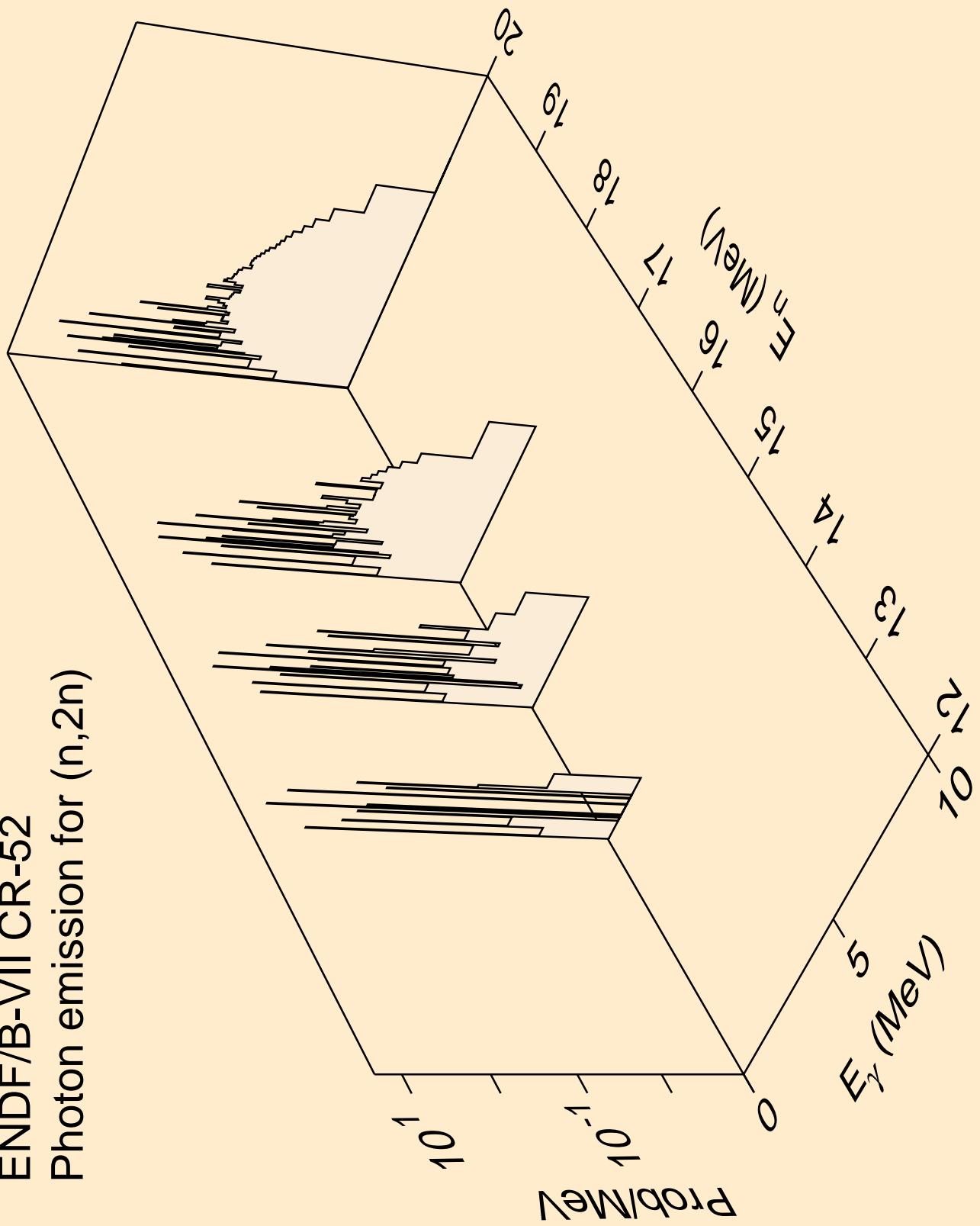


ENDF/B-VII CR-52

## Photon emission for $(n, x)$

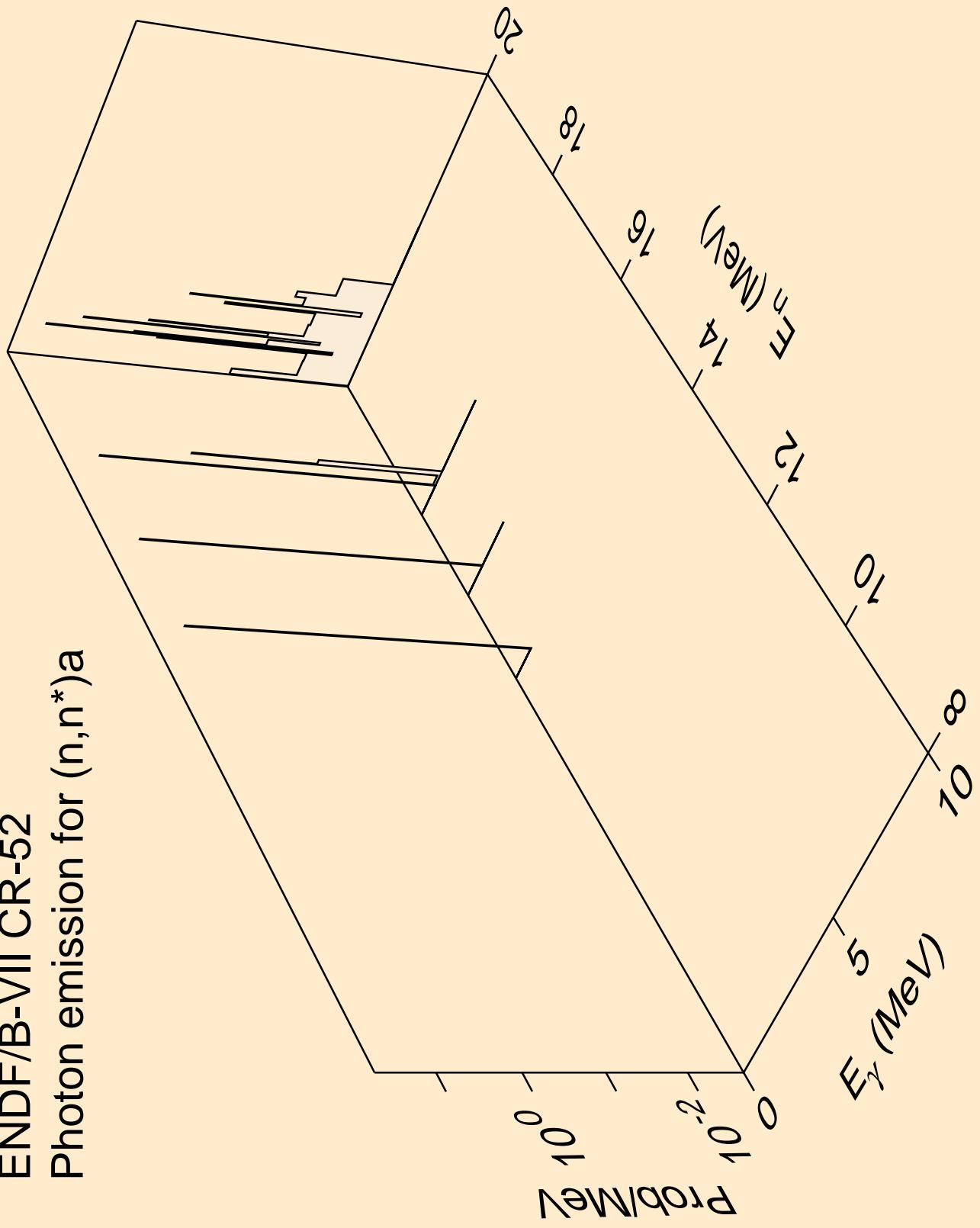


ENDF/B-VII CR-52  
Photon emission for  $(n,2n)$



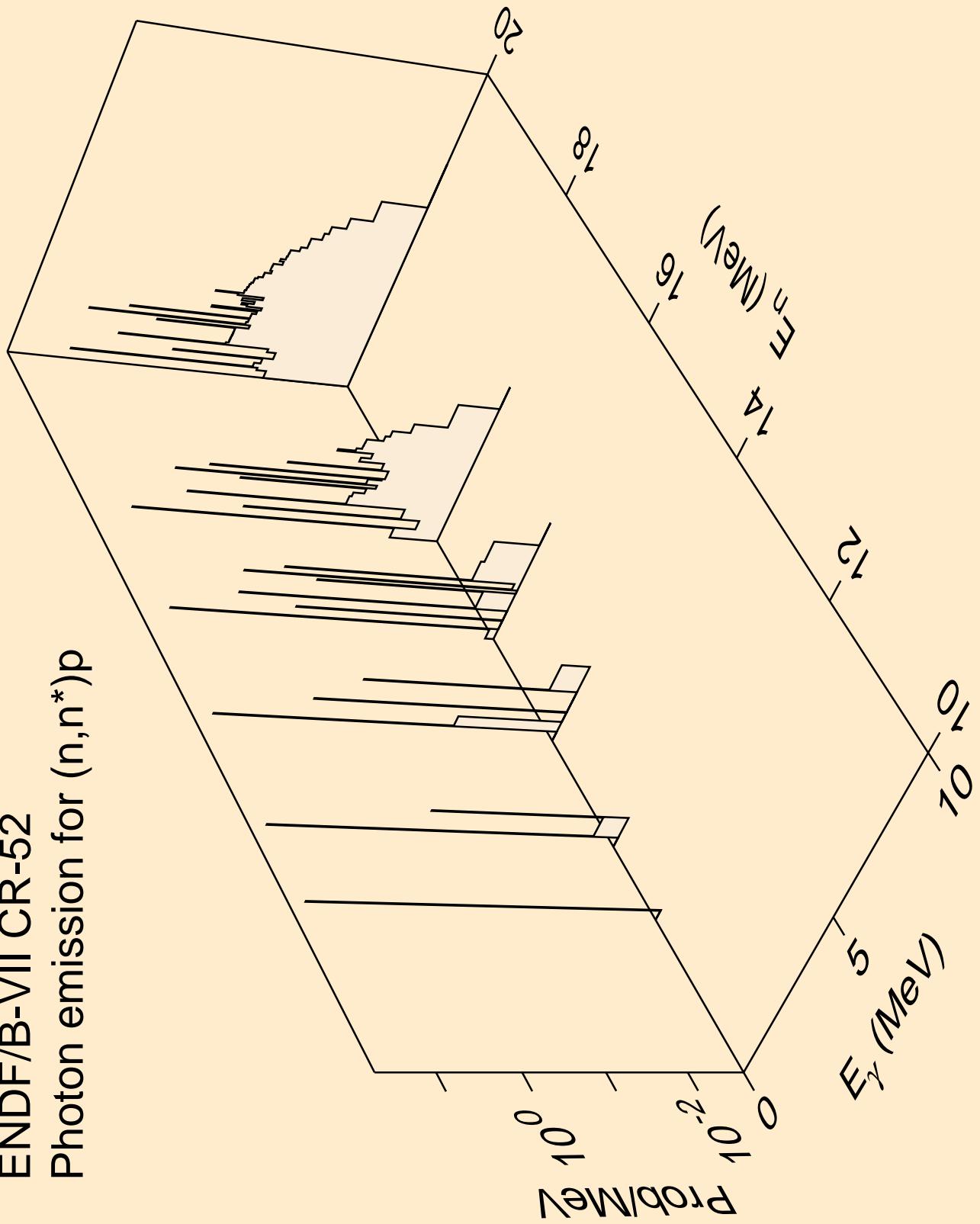
ENDF/B-VII CR-52

Photon emission for  $(n, n^*)\alpha$



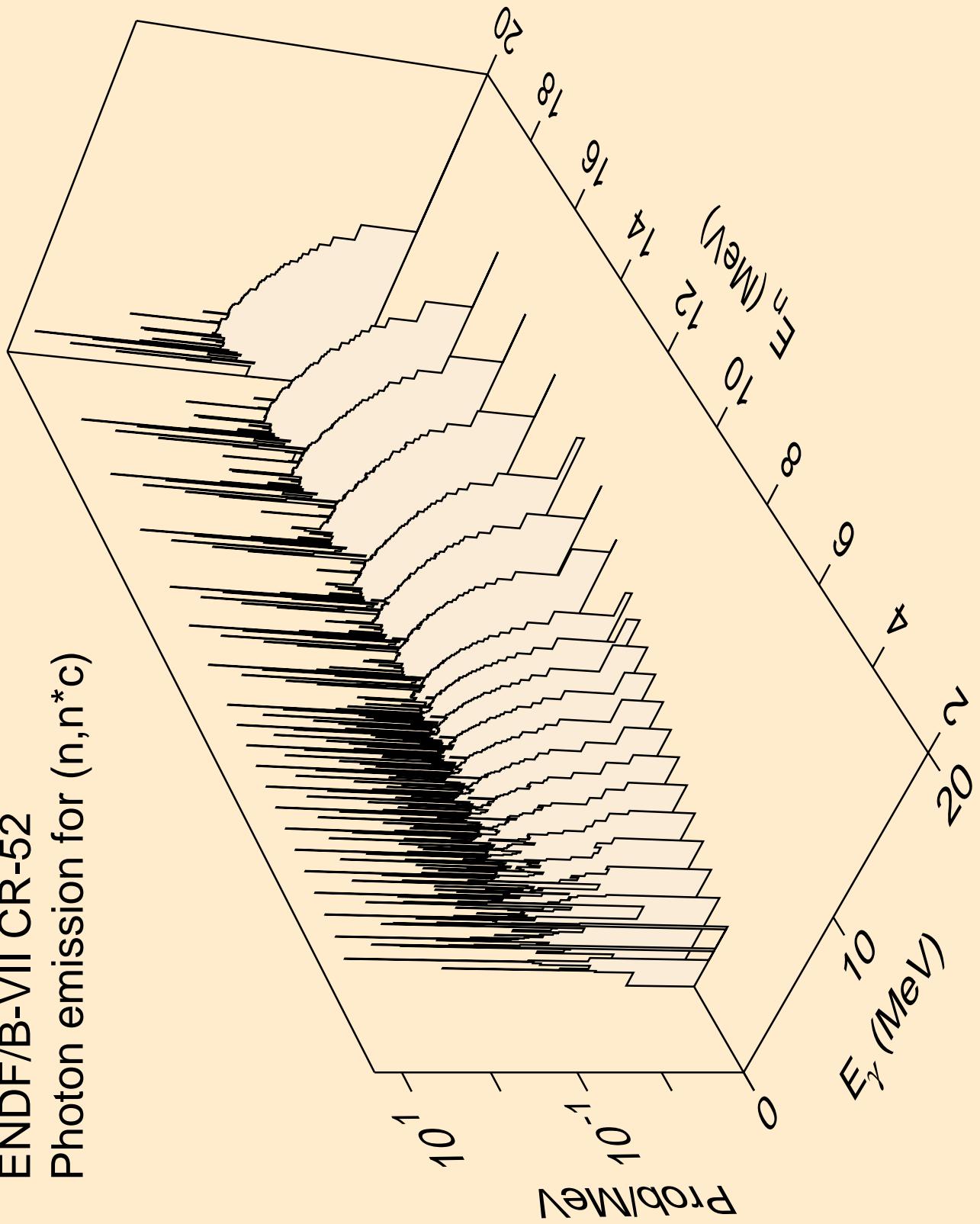
ENDF/B-VII CR-52

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

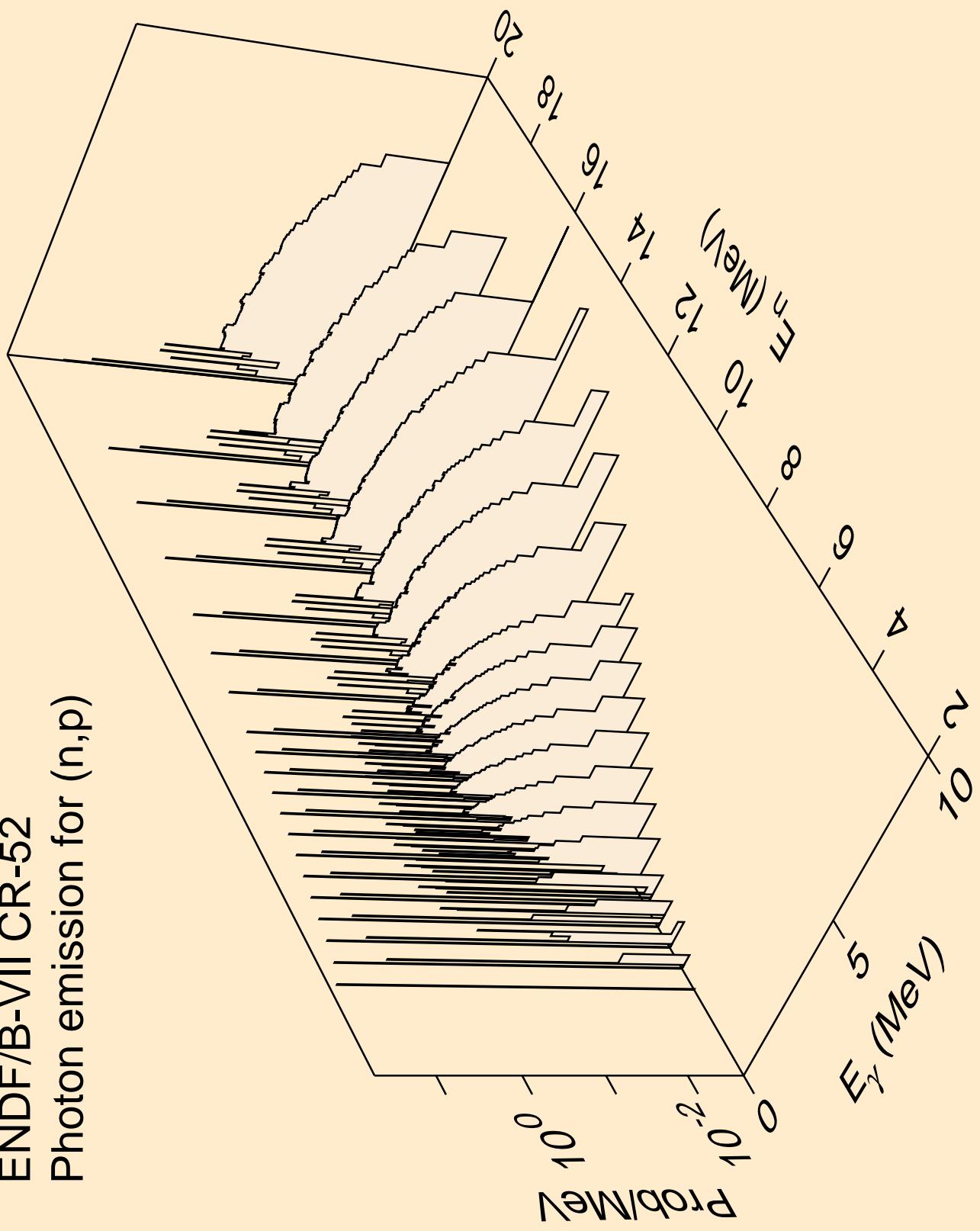


ENDF/B-VII CR-52

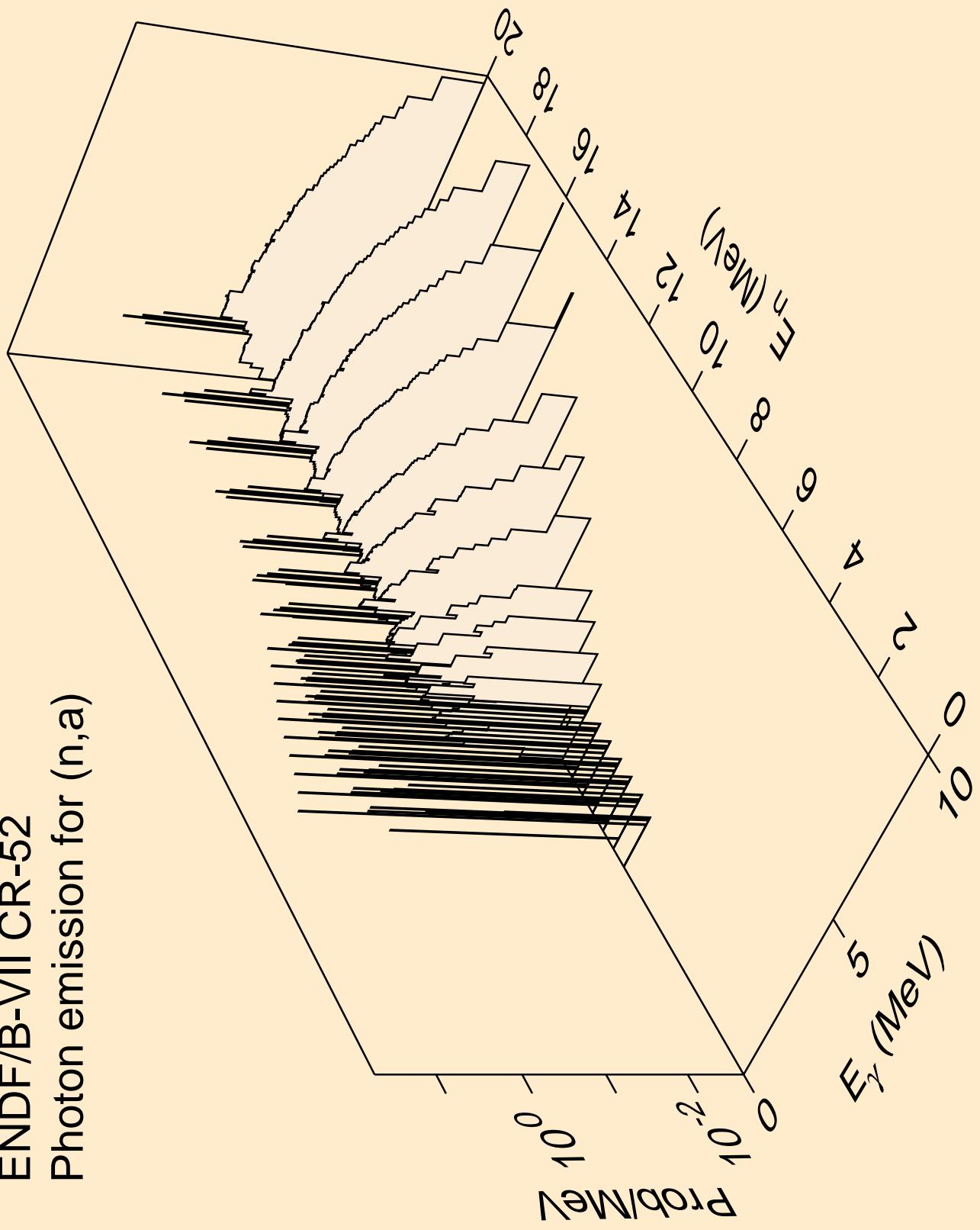
Photon emission for  $(n, n^*c)$



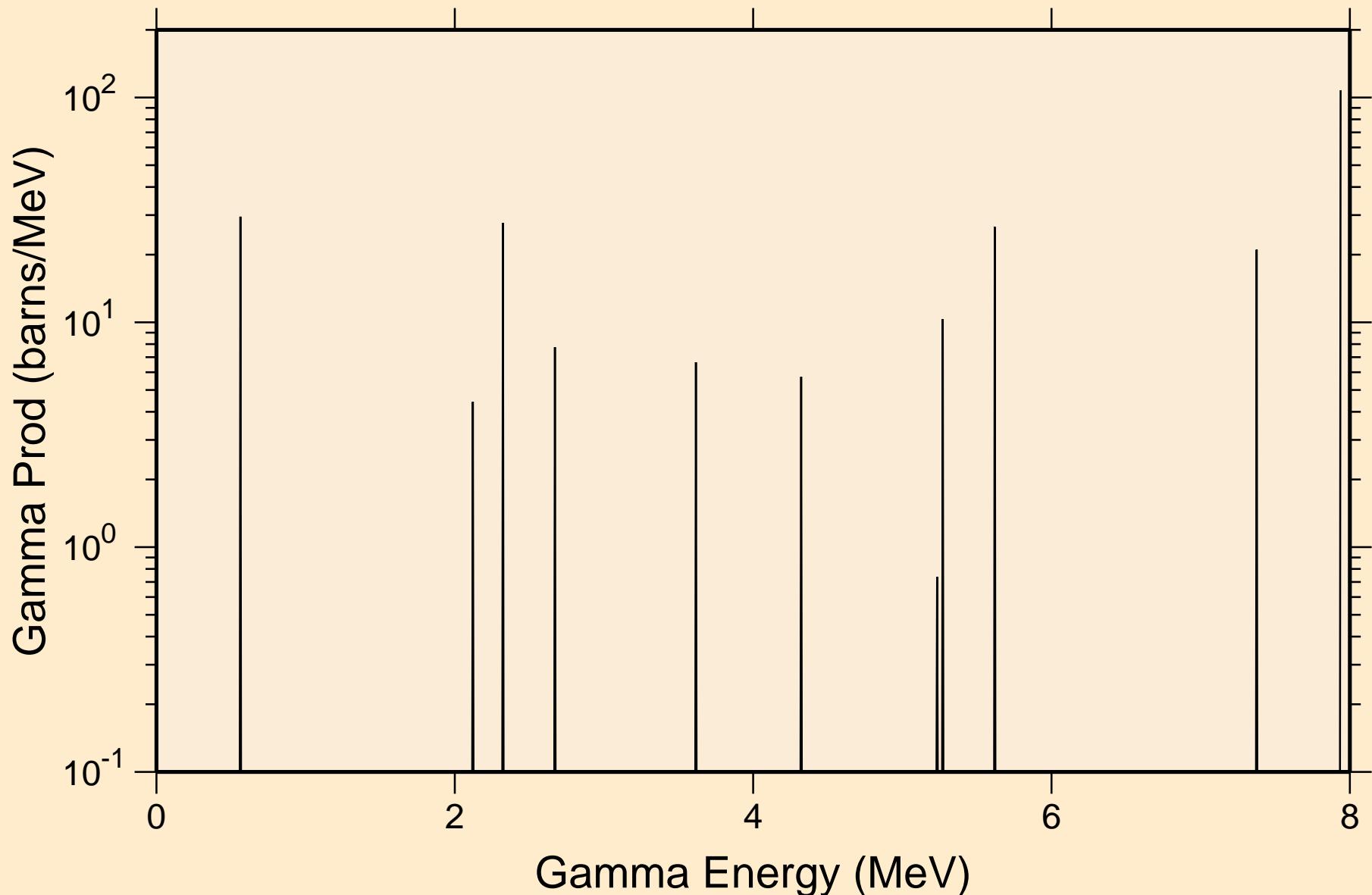
ENDF/B-VII CR-52  
Photon emission for (n,p)



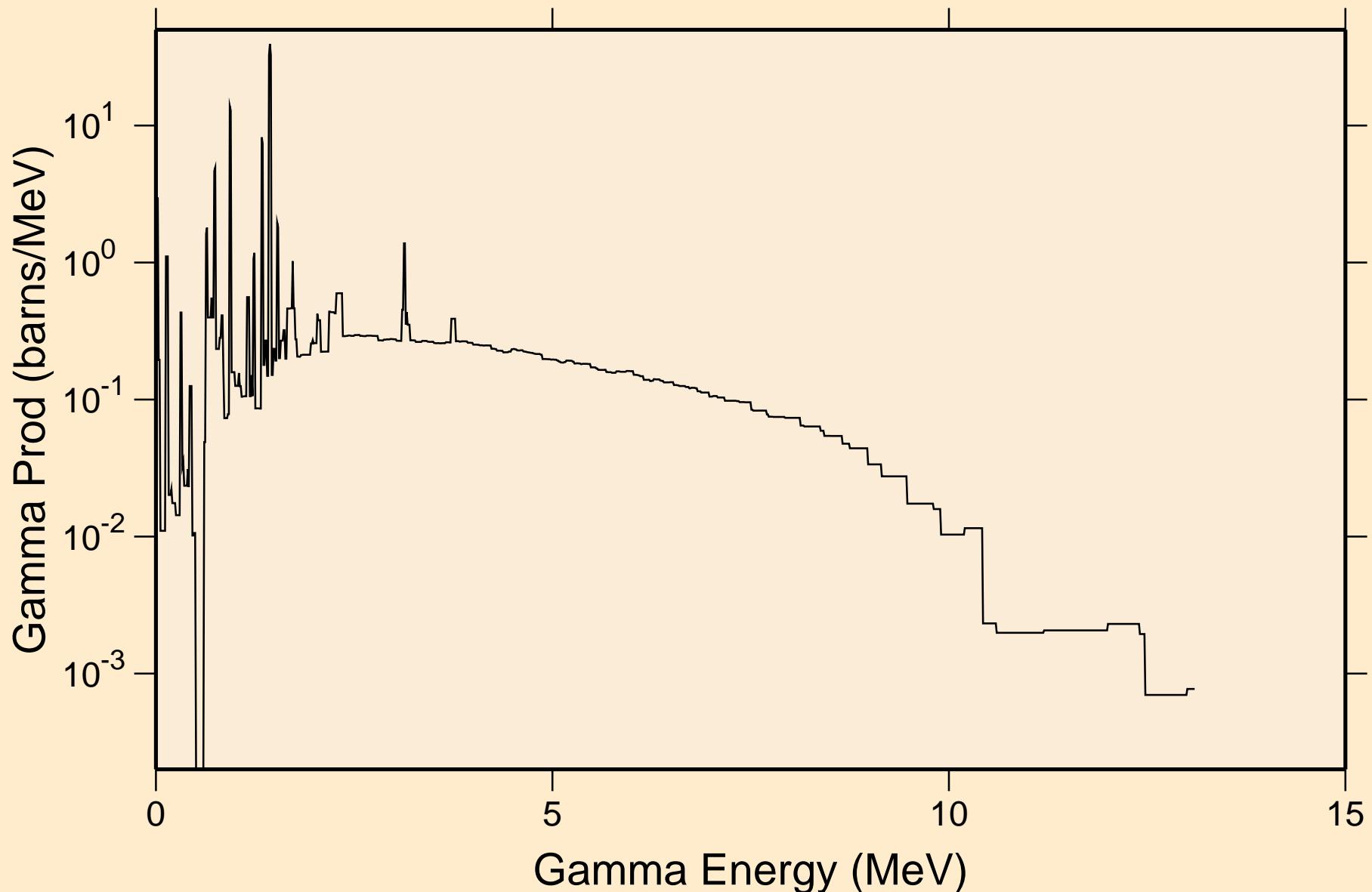
ENDF/B-VII CR-52  
Photon emission for  $(n, \alpha)$



ENDF/B-VII CR-52  
thermal capture photon spectrum

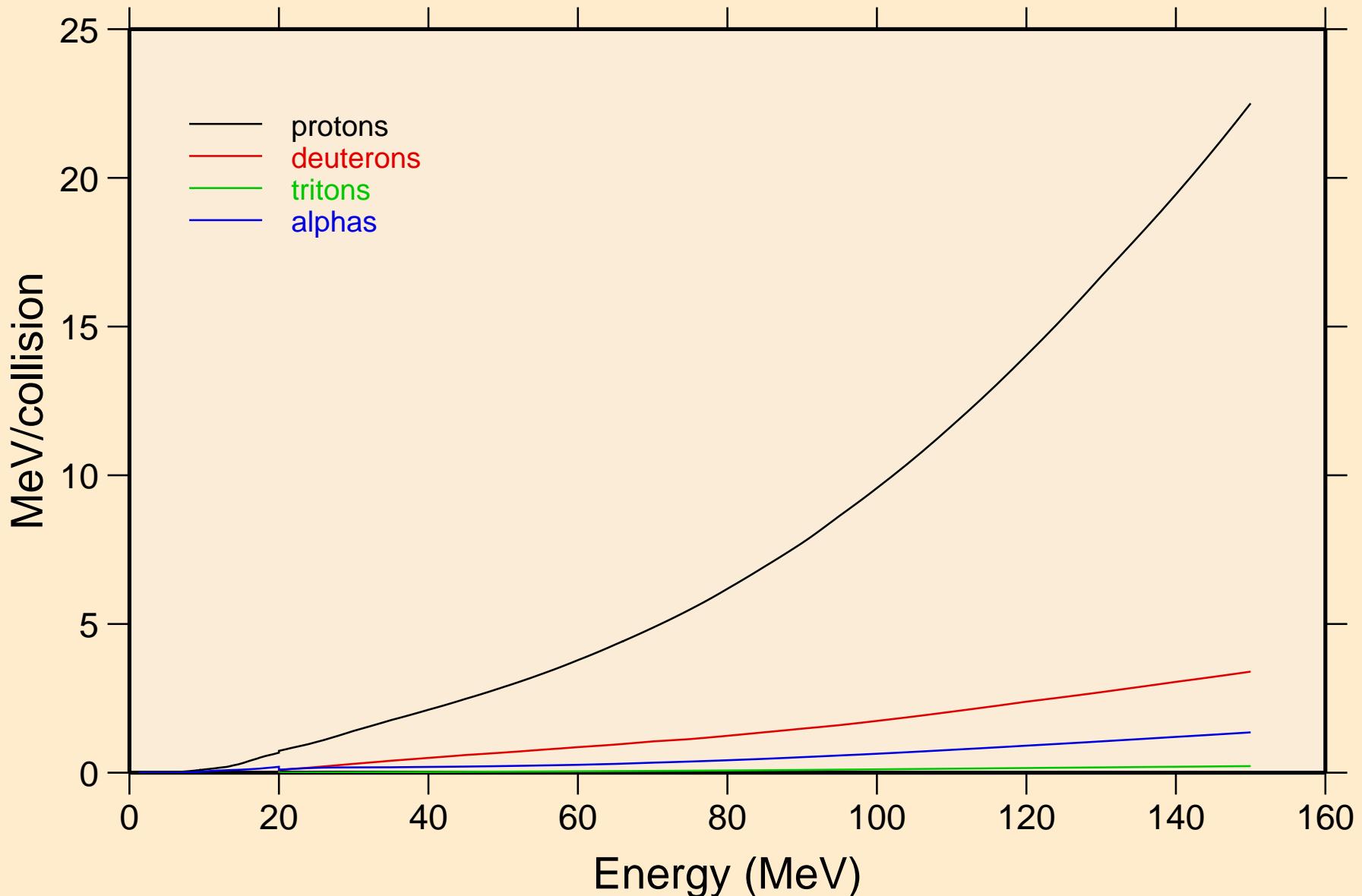


ENDF/B-VII CR-52  
14 MeV photon spectrum

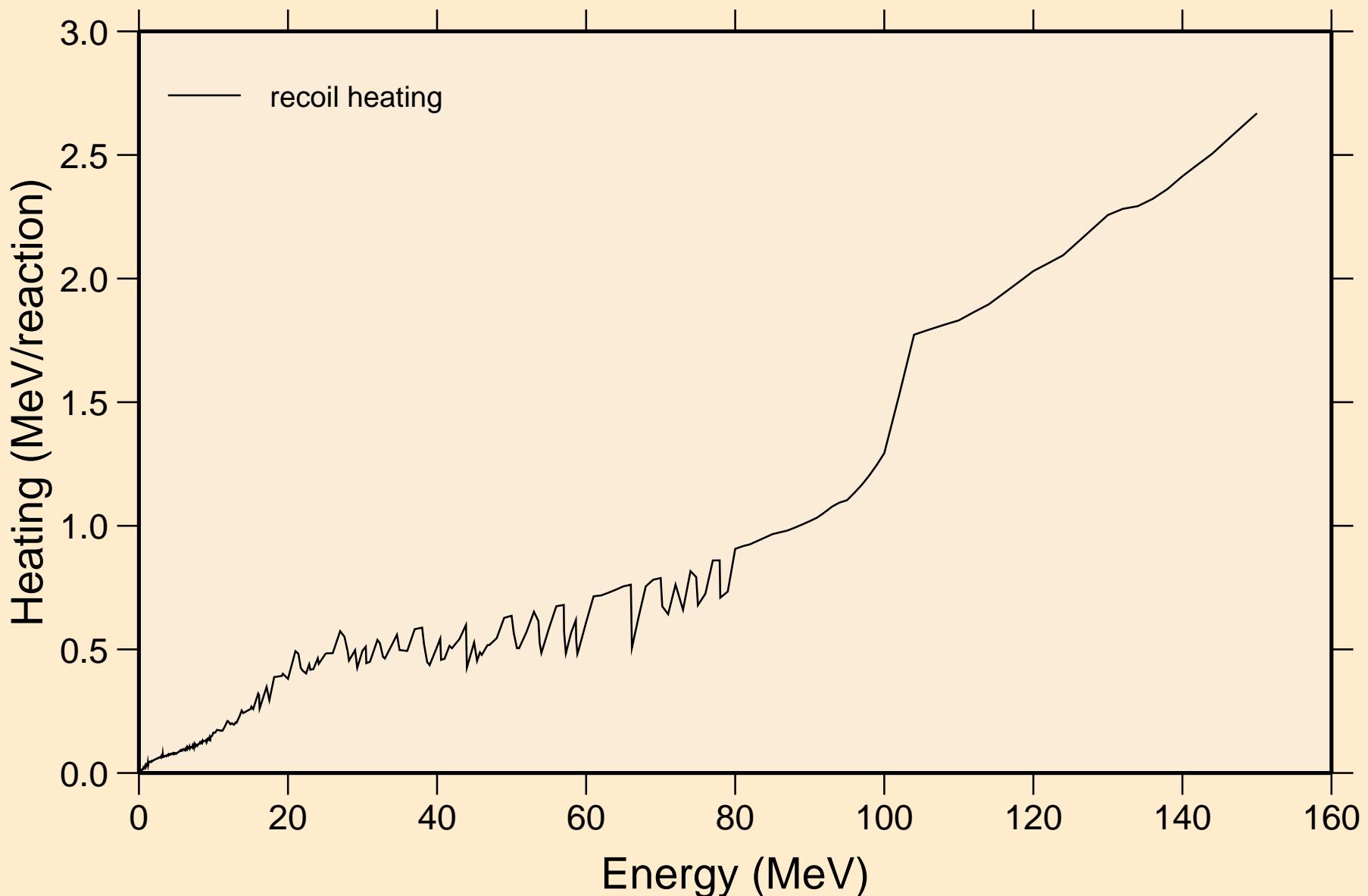


# ENDF/B-VII CR-52

## Particle heating contributions

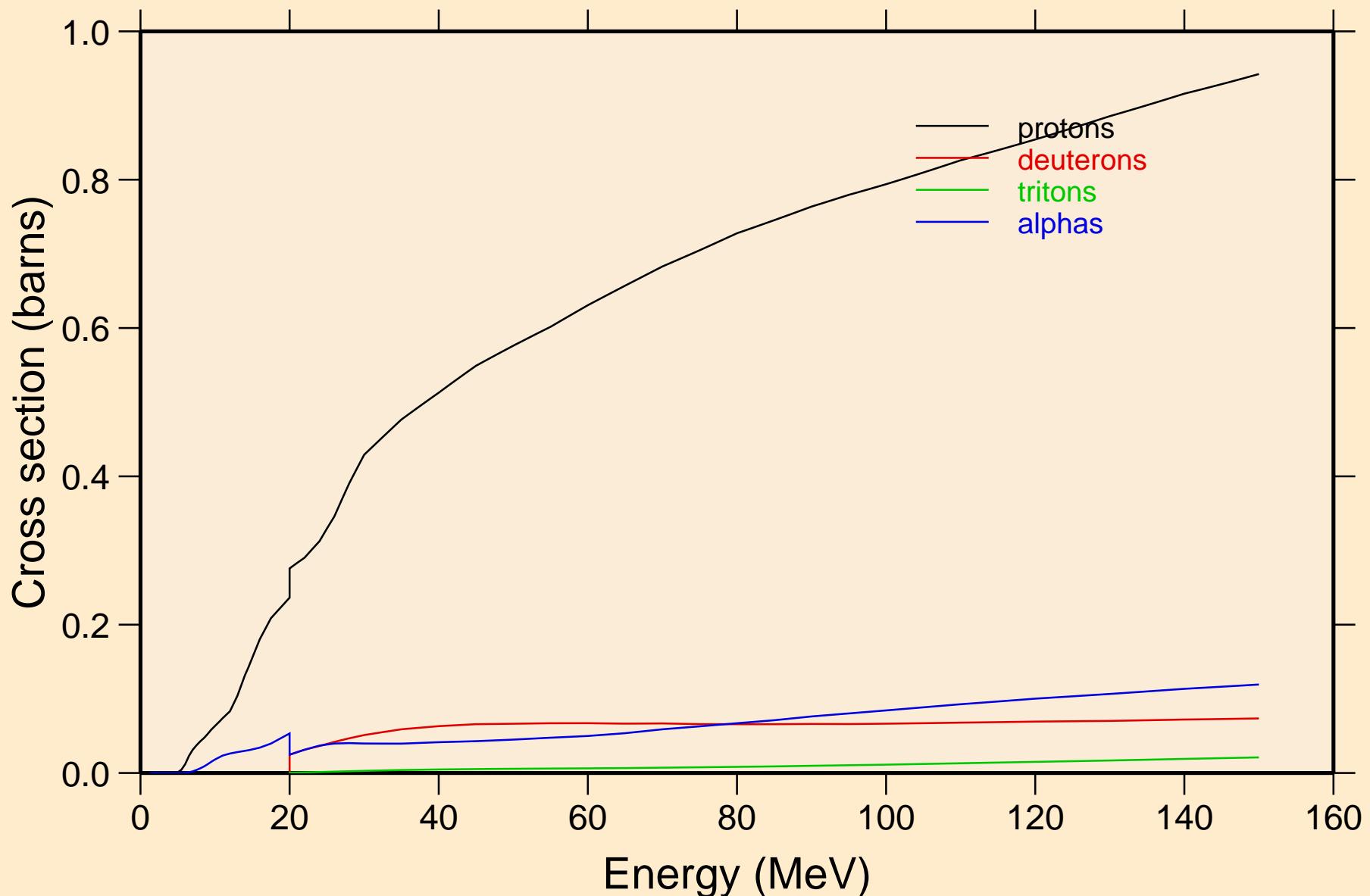


ENDF/B-VII CR-52  
Recoil Heating

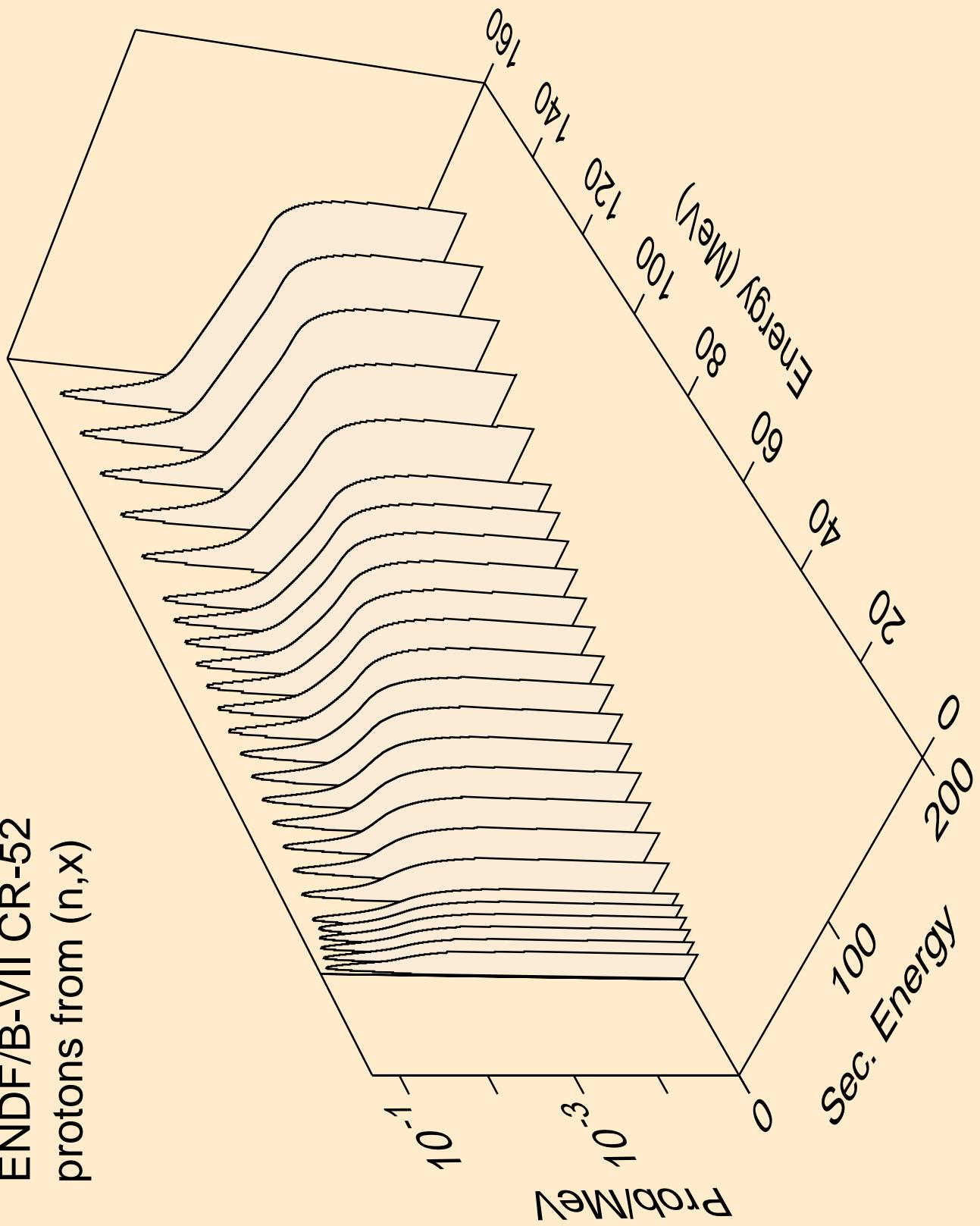


# ENDF/B-VII CR-52

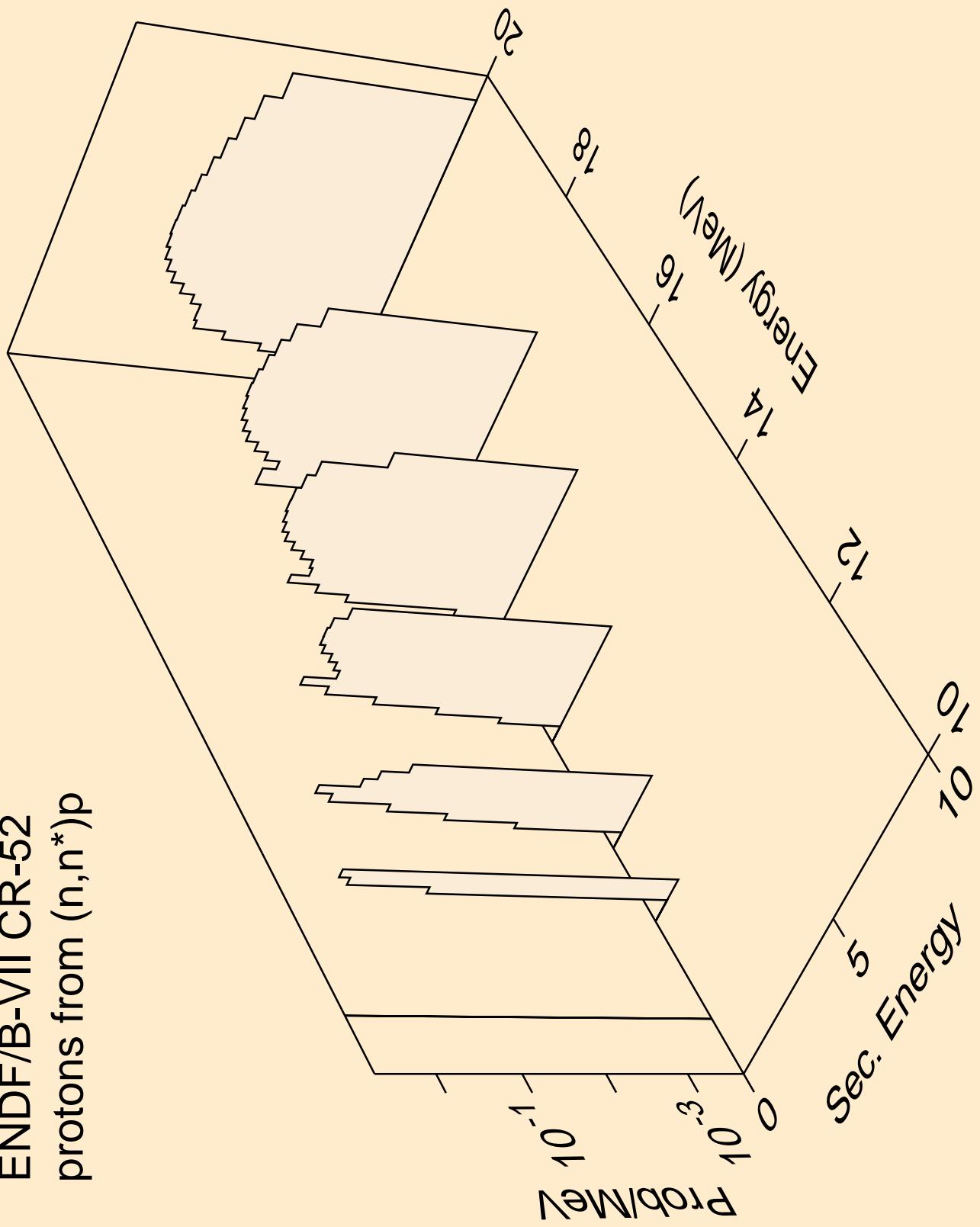
## Particle production cross sections



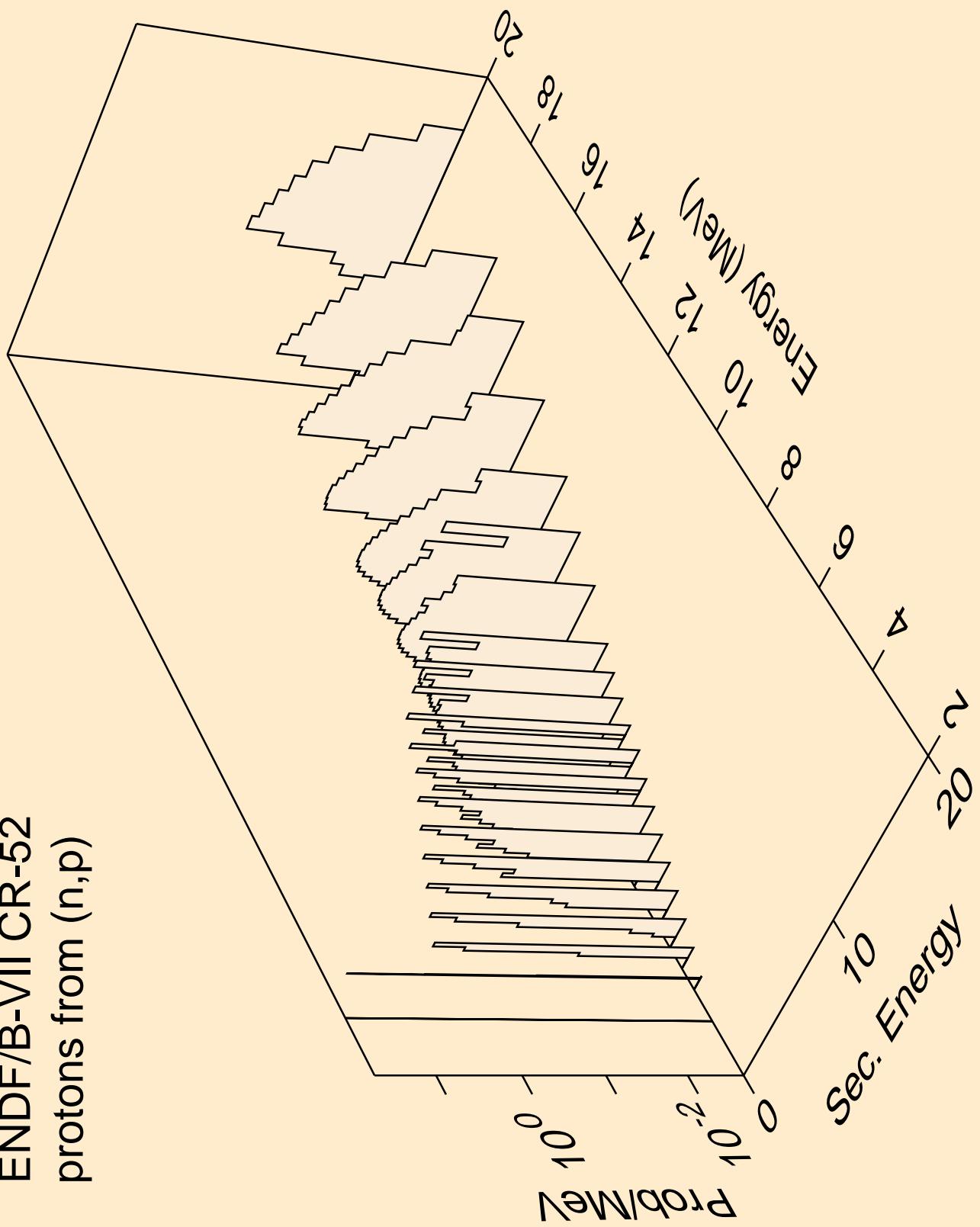
ENDF/B-VII CR-52  
protons from ( $n, \alpha$ )



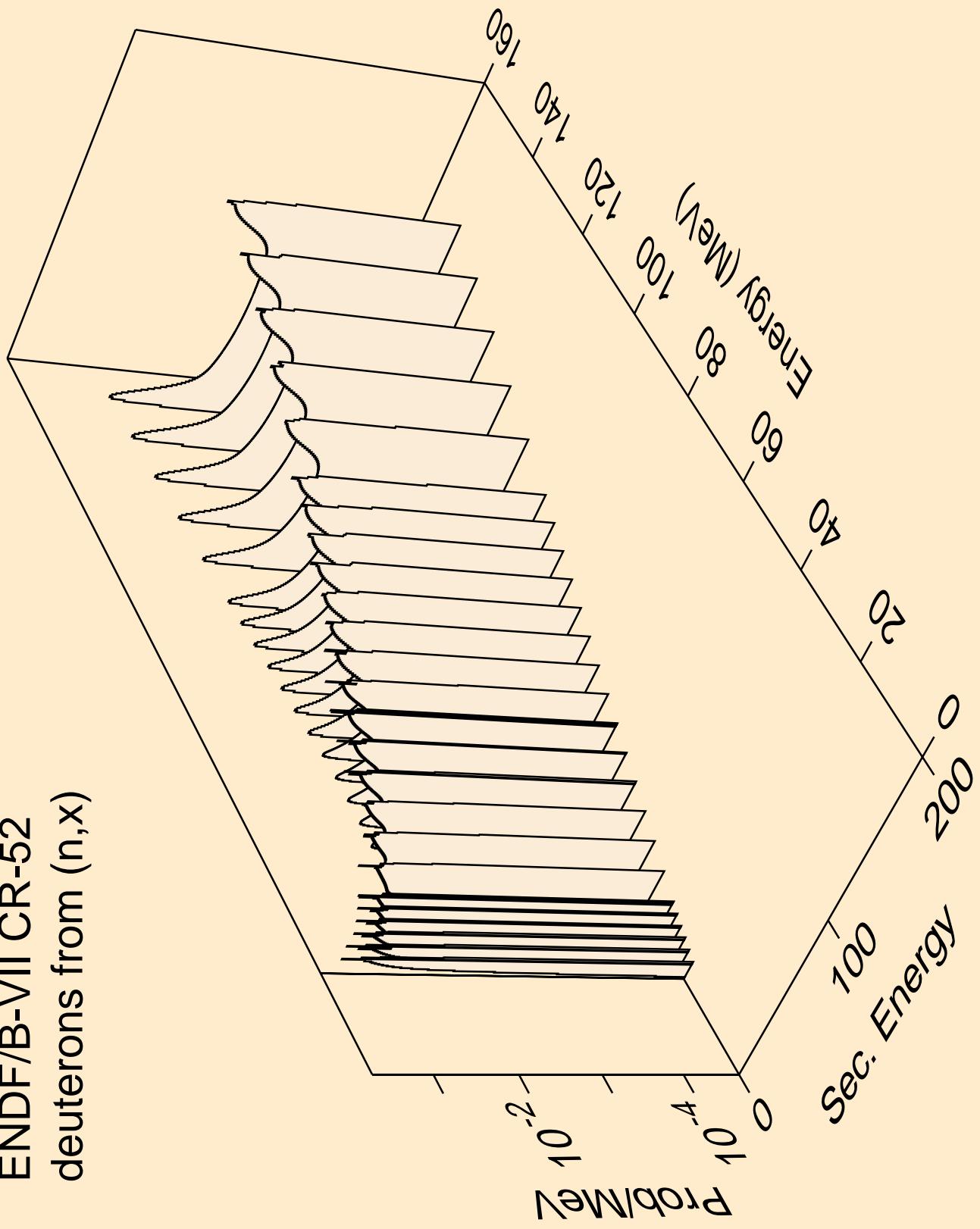
ENDF/B-VII CR-52  
protons from  $(n, n^*)p$



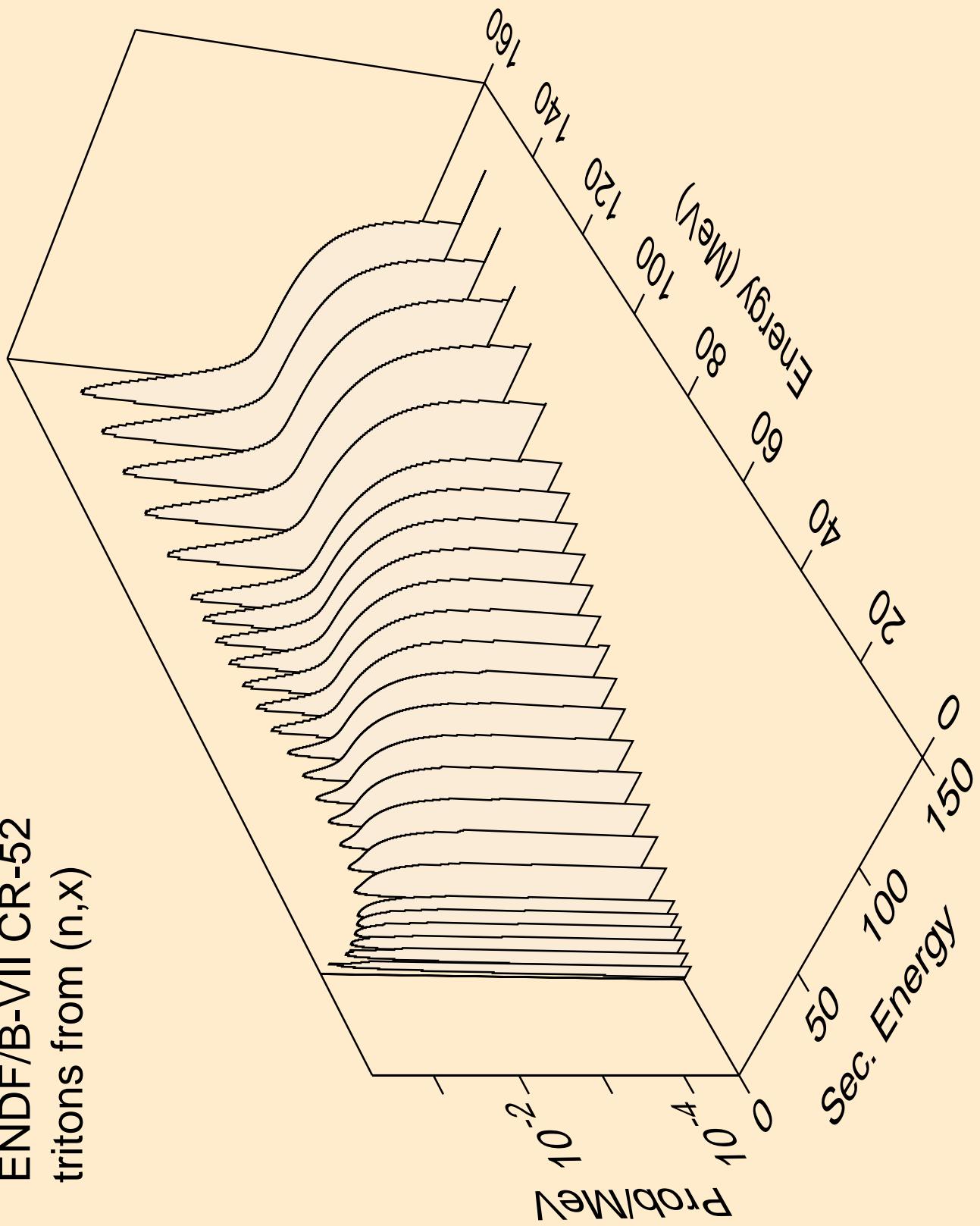
ENDF/B-VII CR-52  
protons from ( $n, p$ )



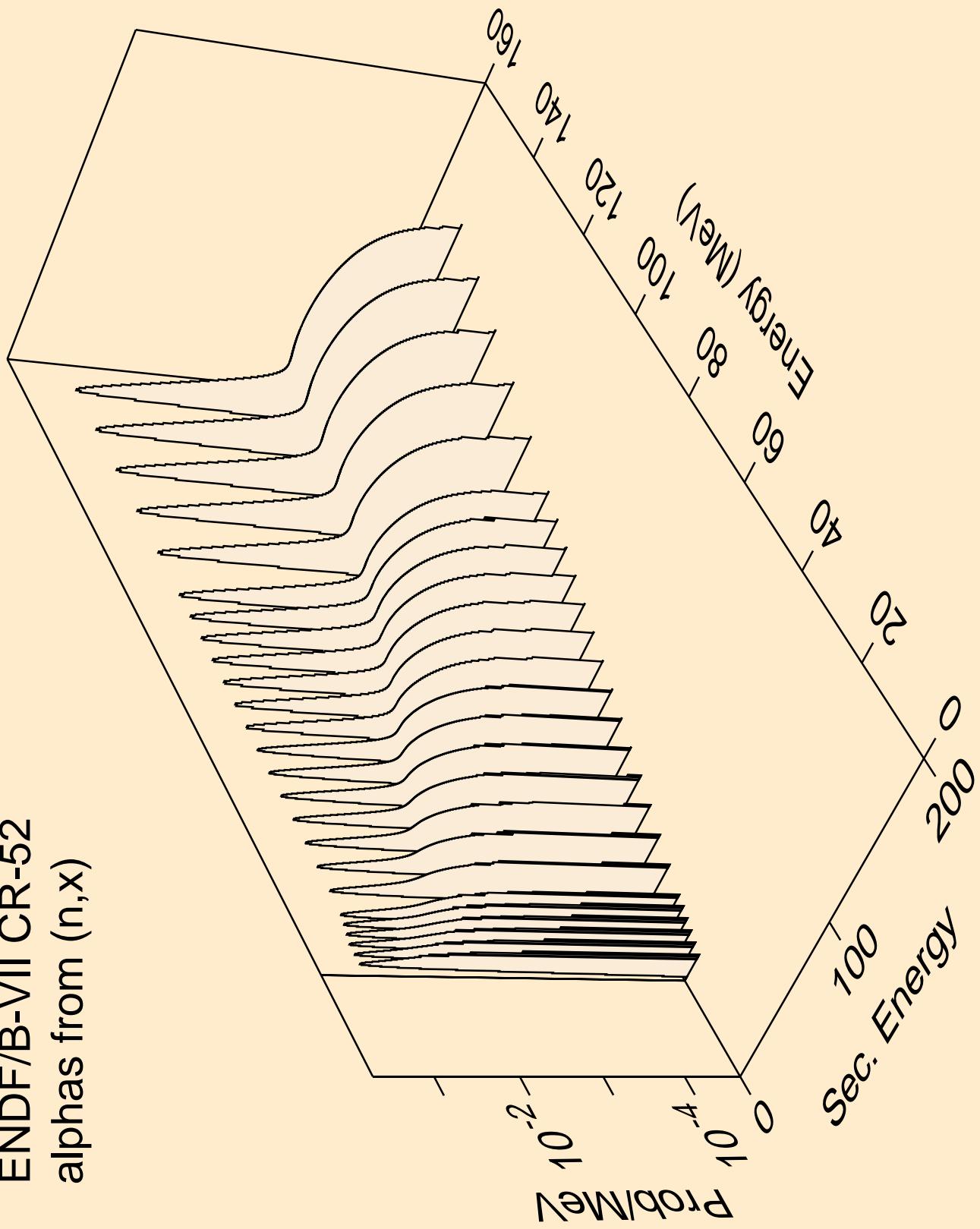
ENDF/B-VII CR-52  
deuterons from ( $n, x$ )



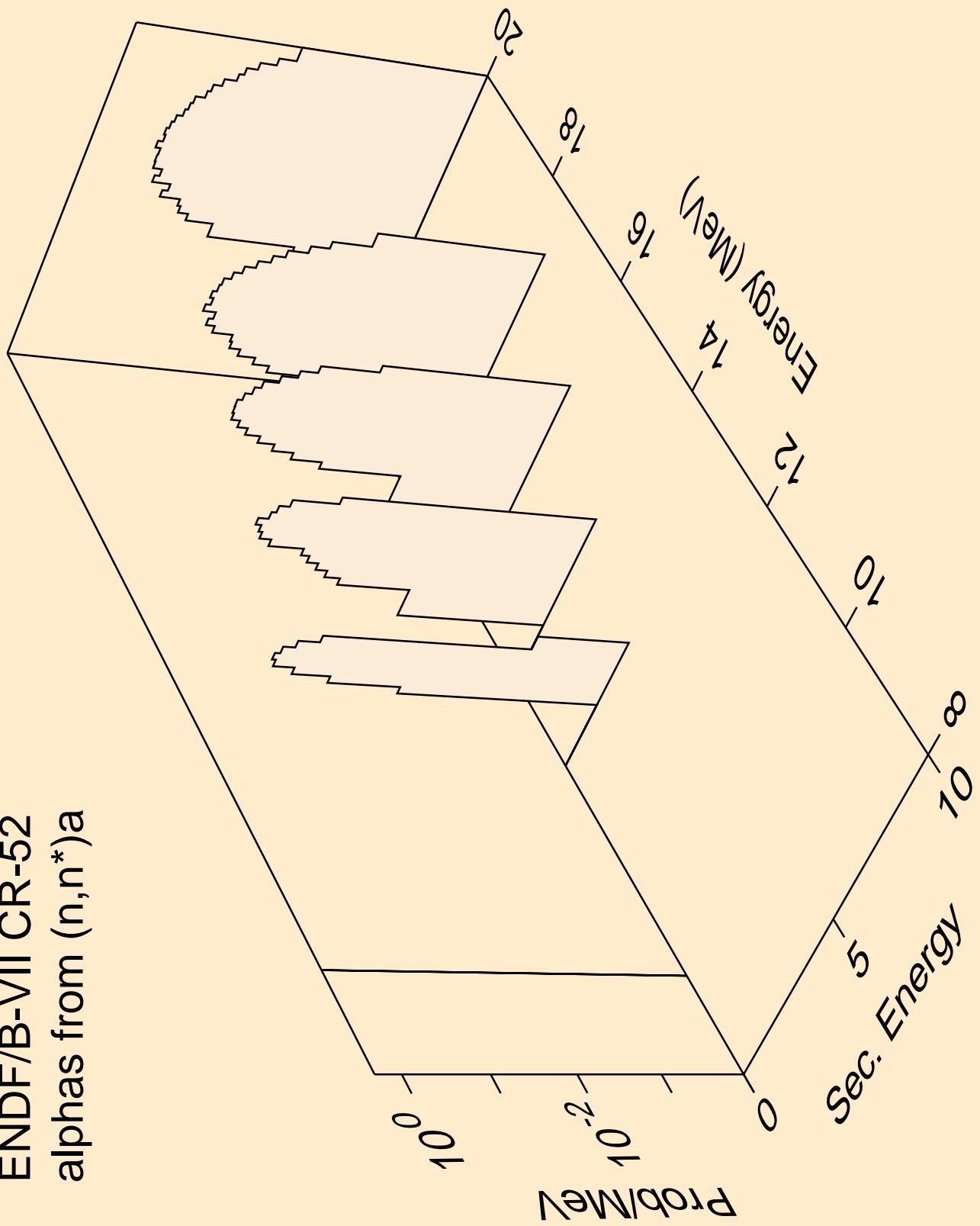
ENDF/B-VII CR-52  
tritons from  $(n, \chi)$



ENDF/B-VII CR-52  
alphas from ( $n, \chi$ )



ENDF/B-VII CR-52  
alphas from  $(n, n^*)a$



ENDF/B-VII CR-52  
alphas from (n,a)

