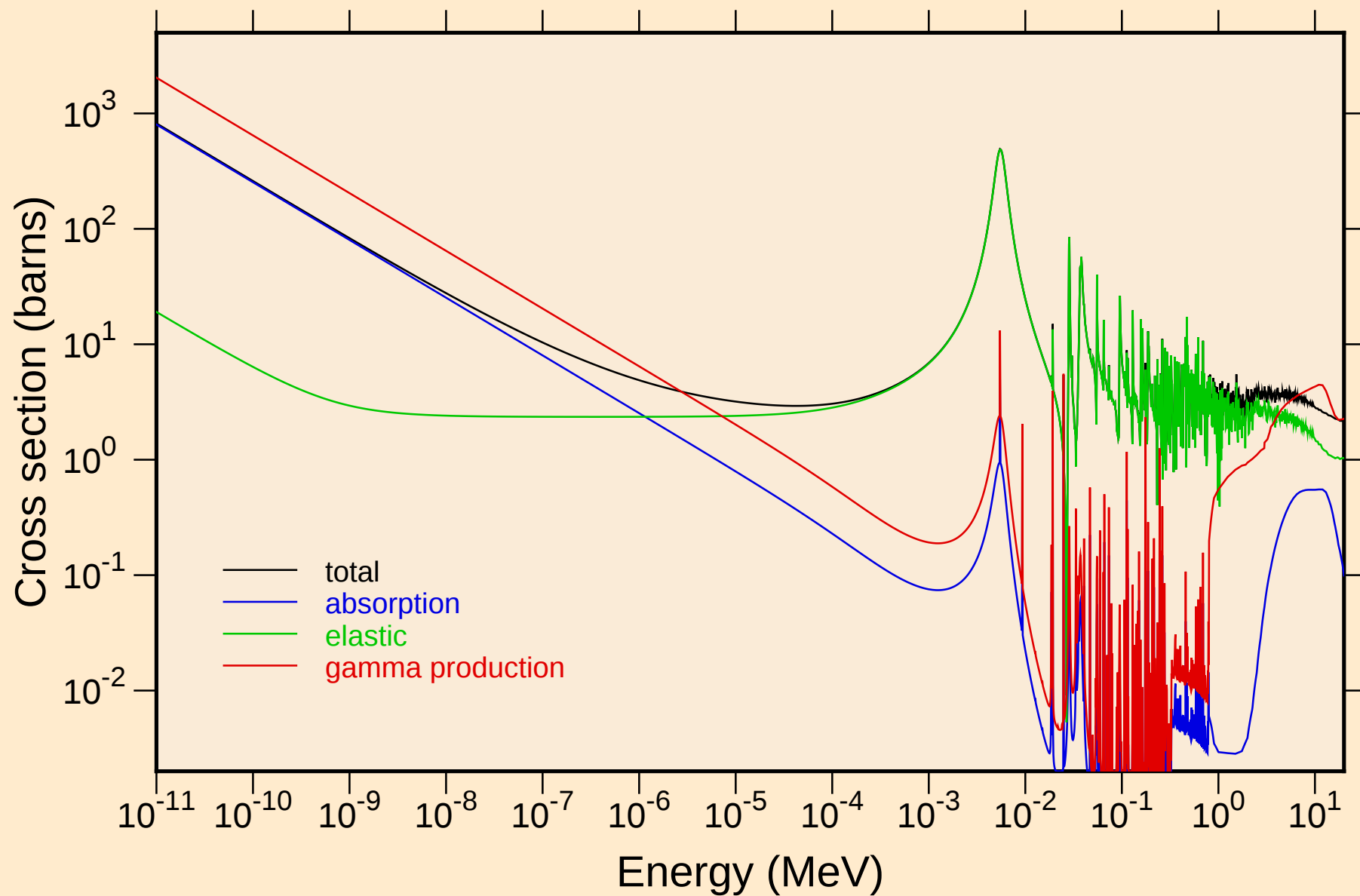
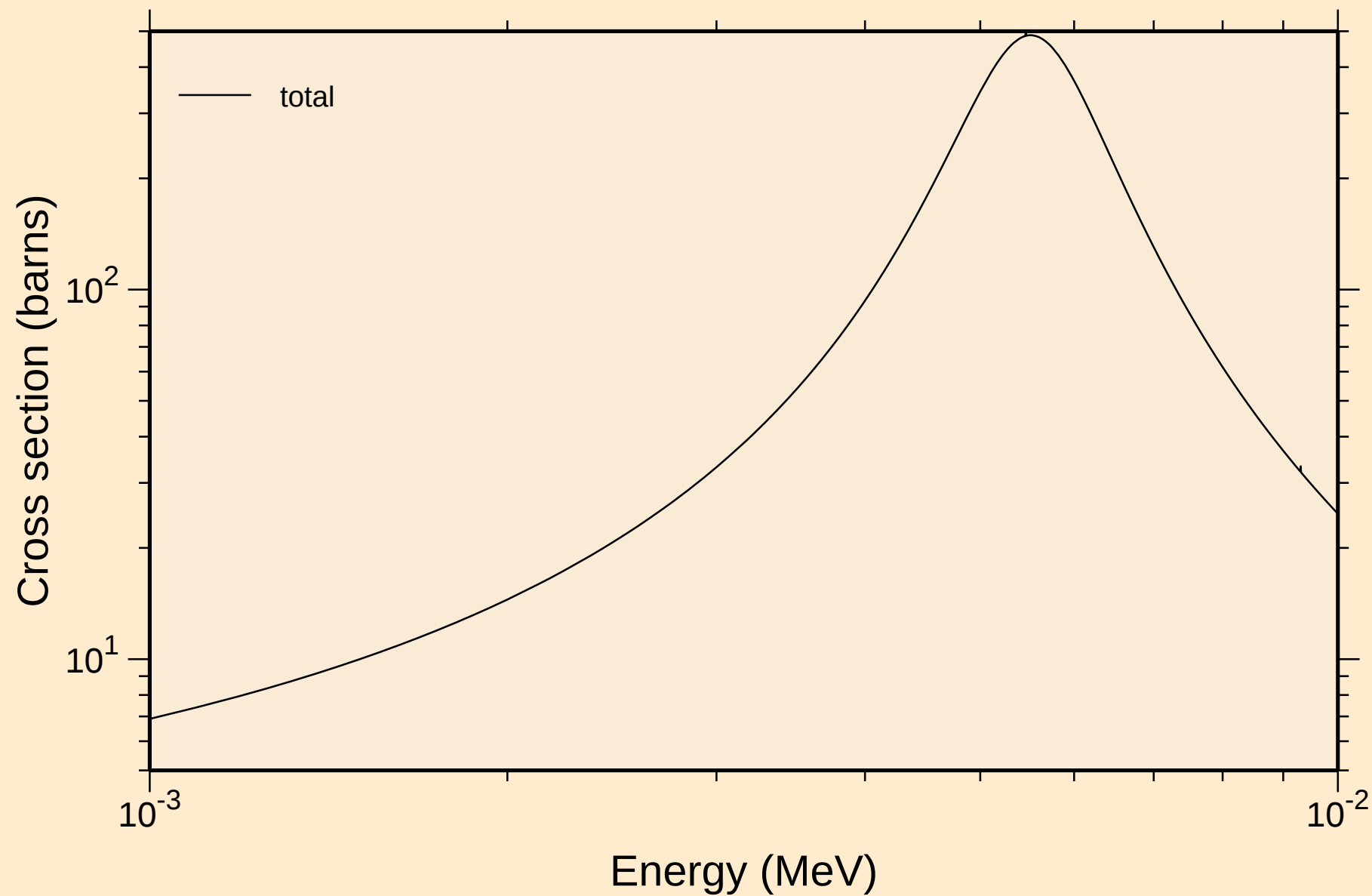


# JEFF-3.0 CR-50

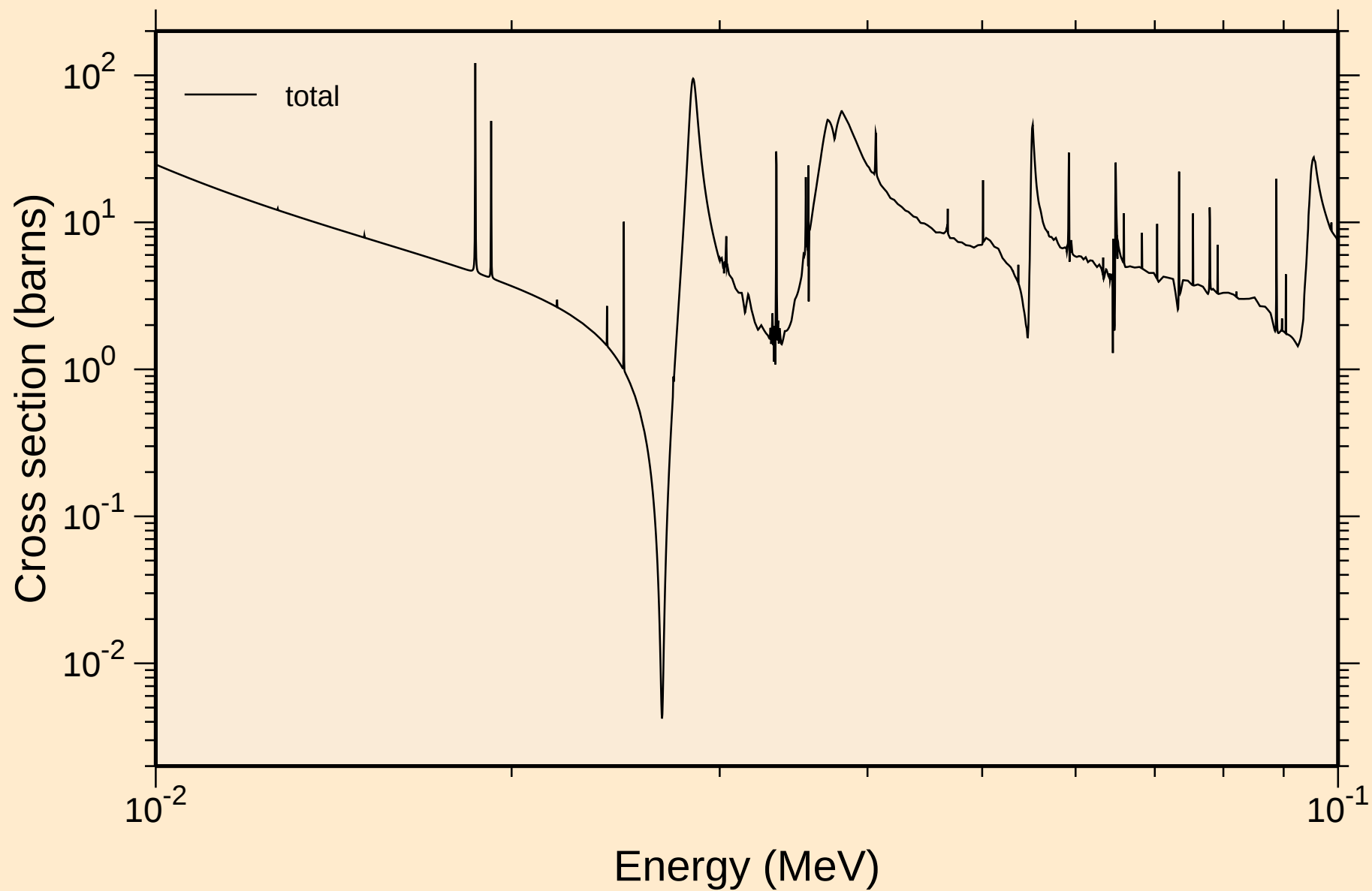
## Principal cross sections



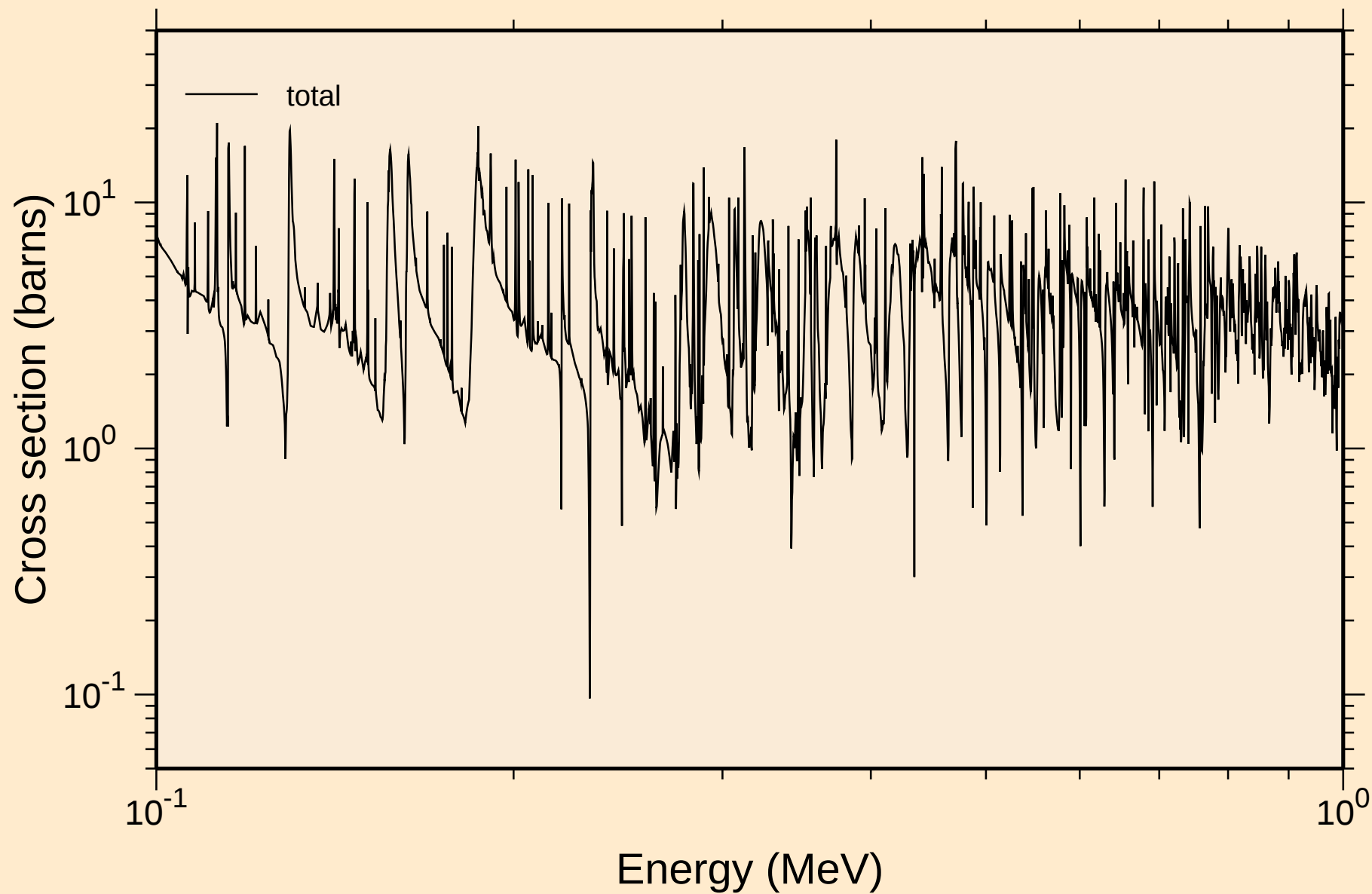
JEFF-3.0 CR-50  
resonance total cross section



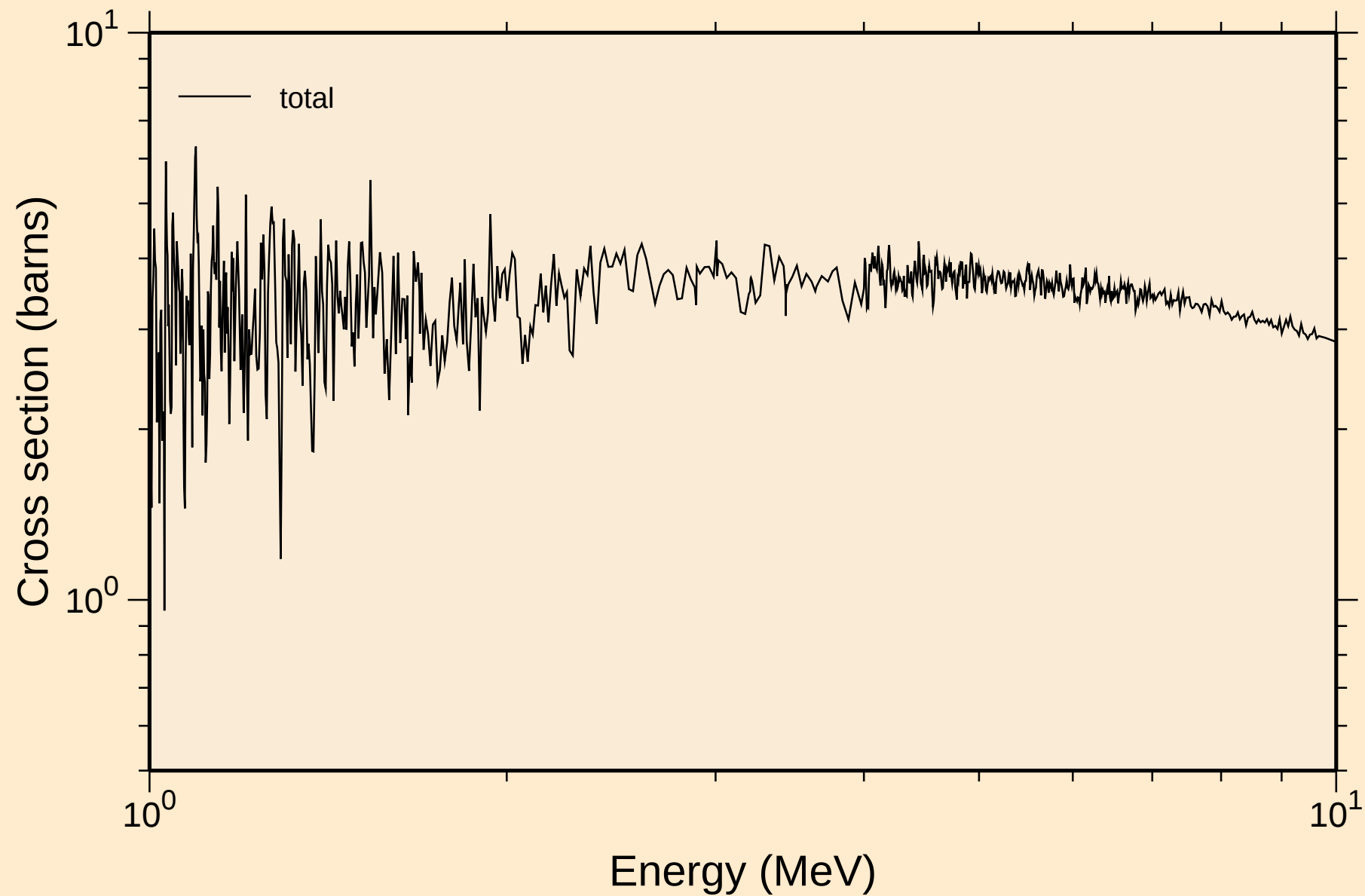
# JEFF-3.0 CR-50 resonance total cross section



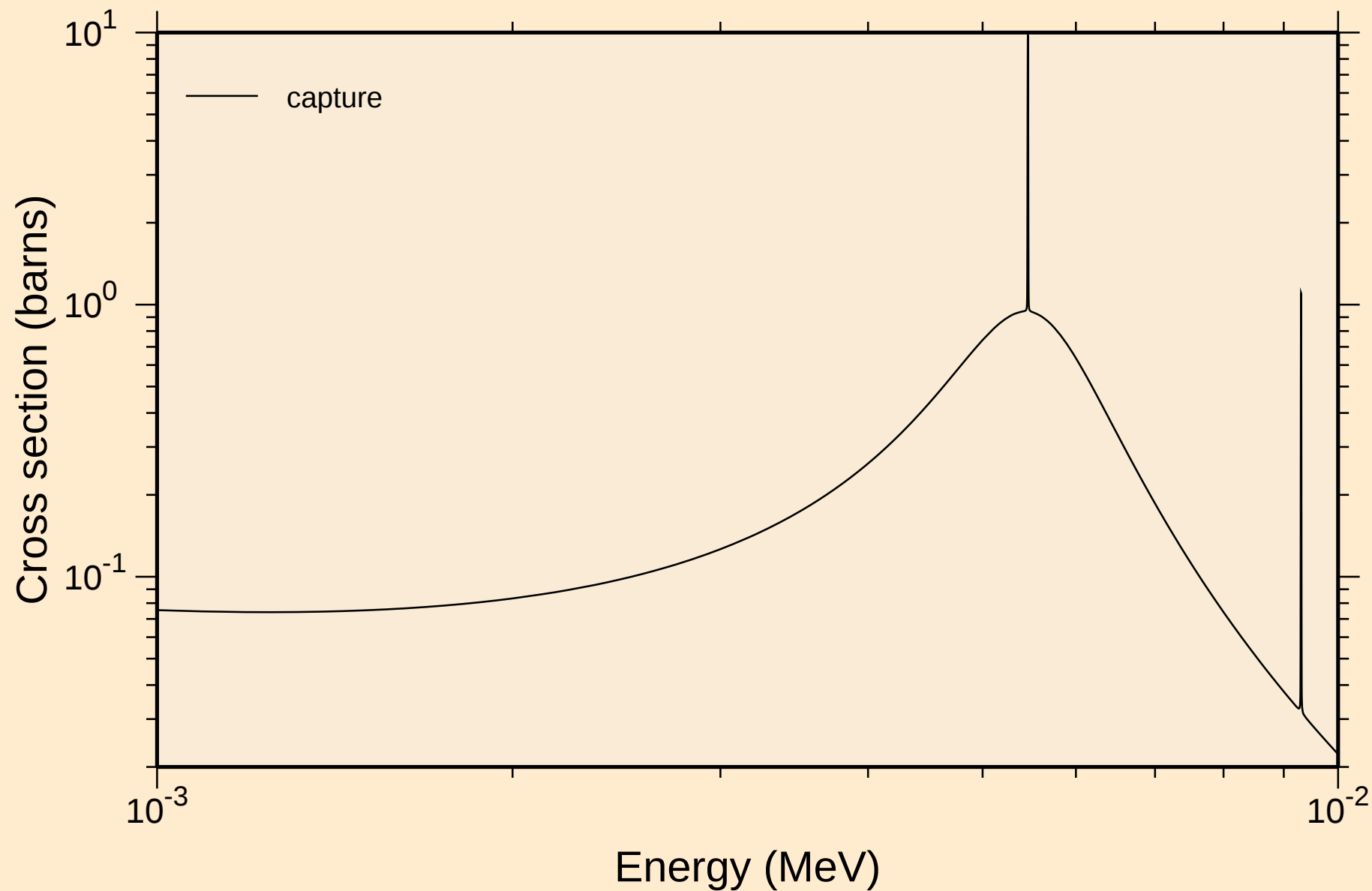
# JEFF-3.0 CR-50 resonance total cross section



JEFF-3.0 CR-50  
resonance total cross section

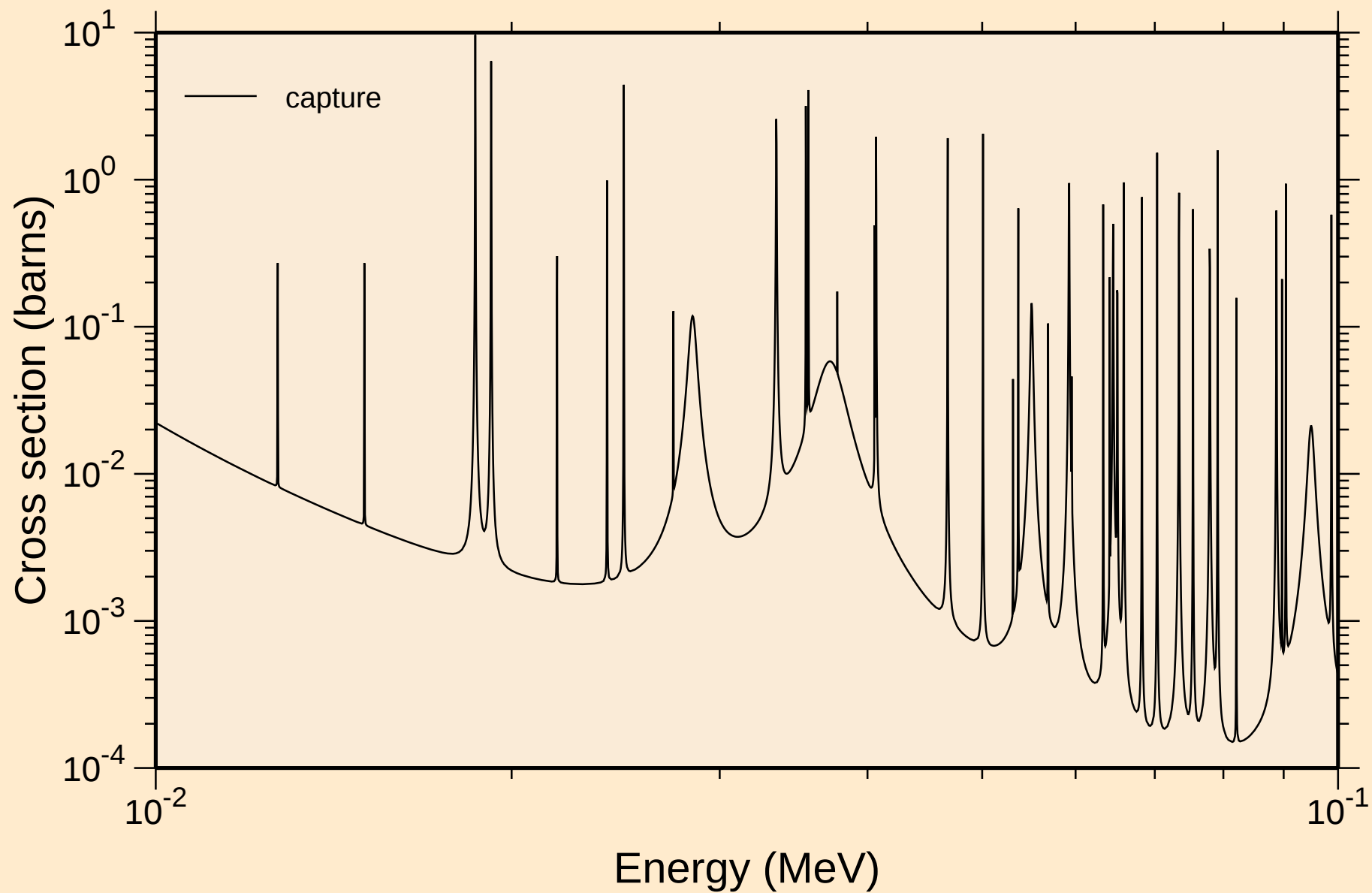


# JEFF-3.0 CR-50 resonance absorption cross sections



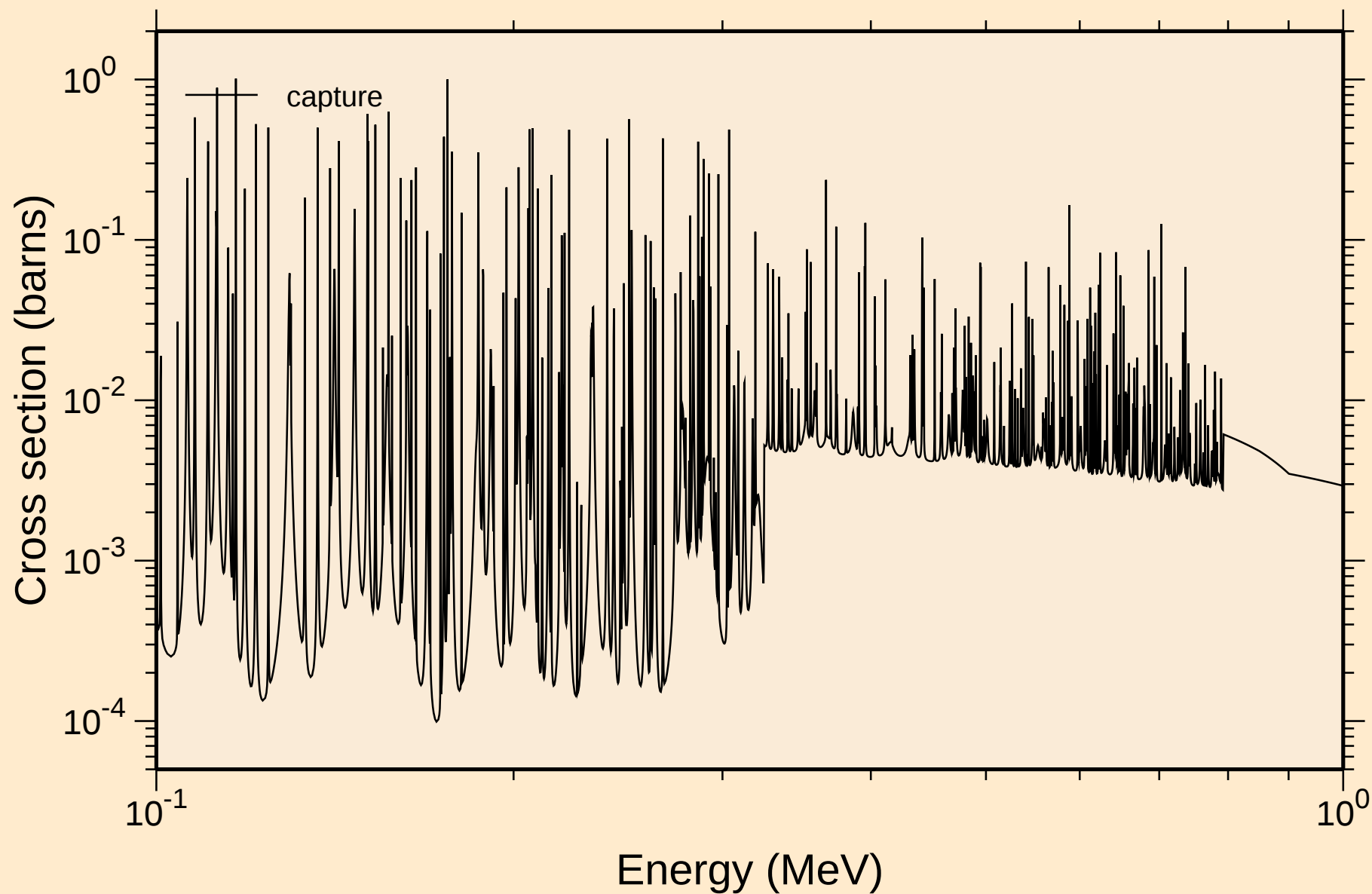
# JEFF-3.0 CR-50

## resonance absorption cross sections

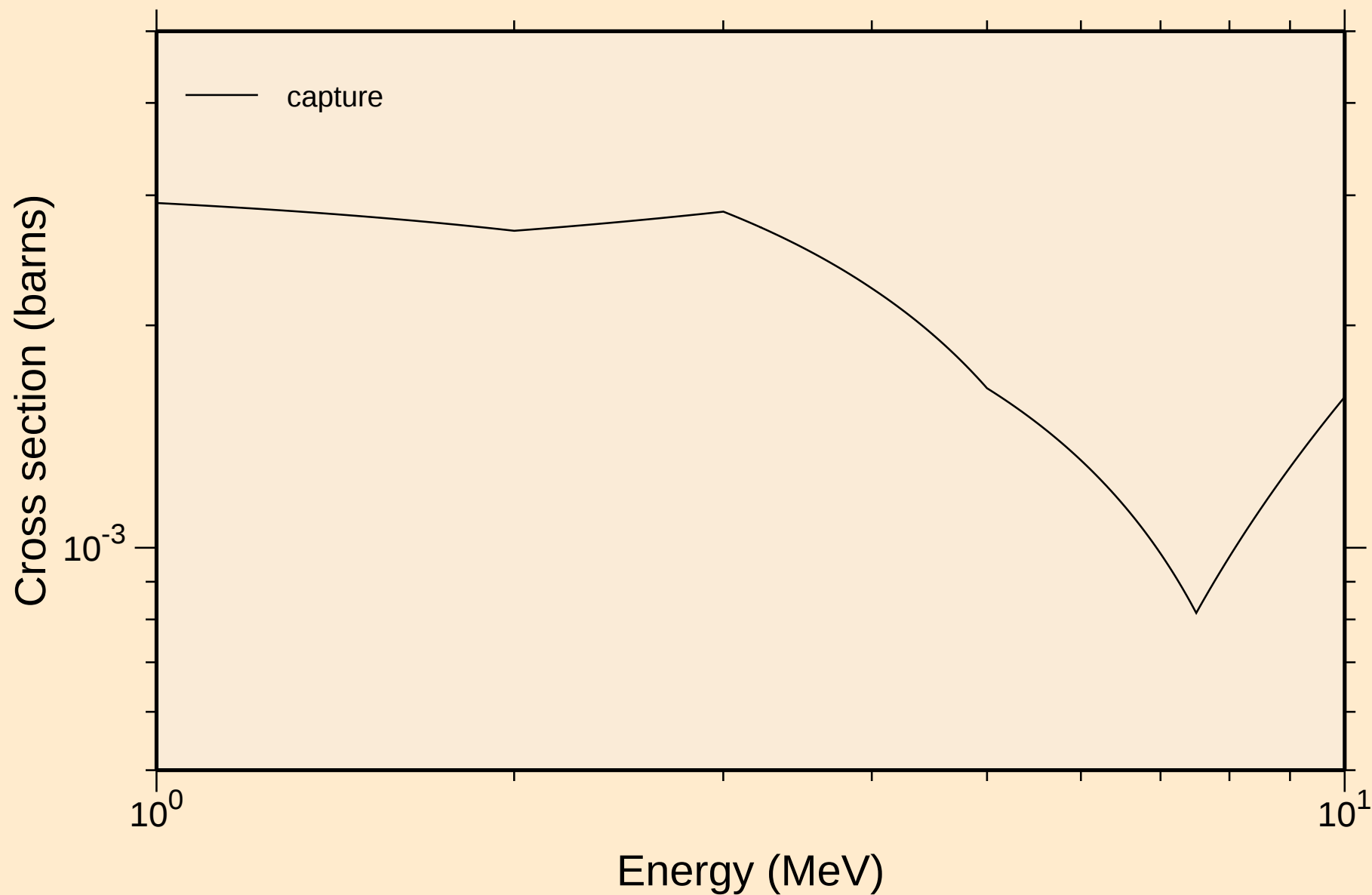


# JEFF-3.0 CR-50

## resonance absorption cross sections

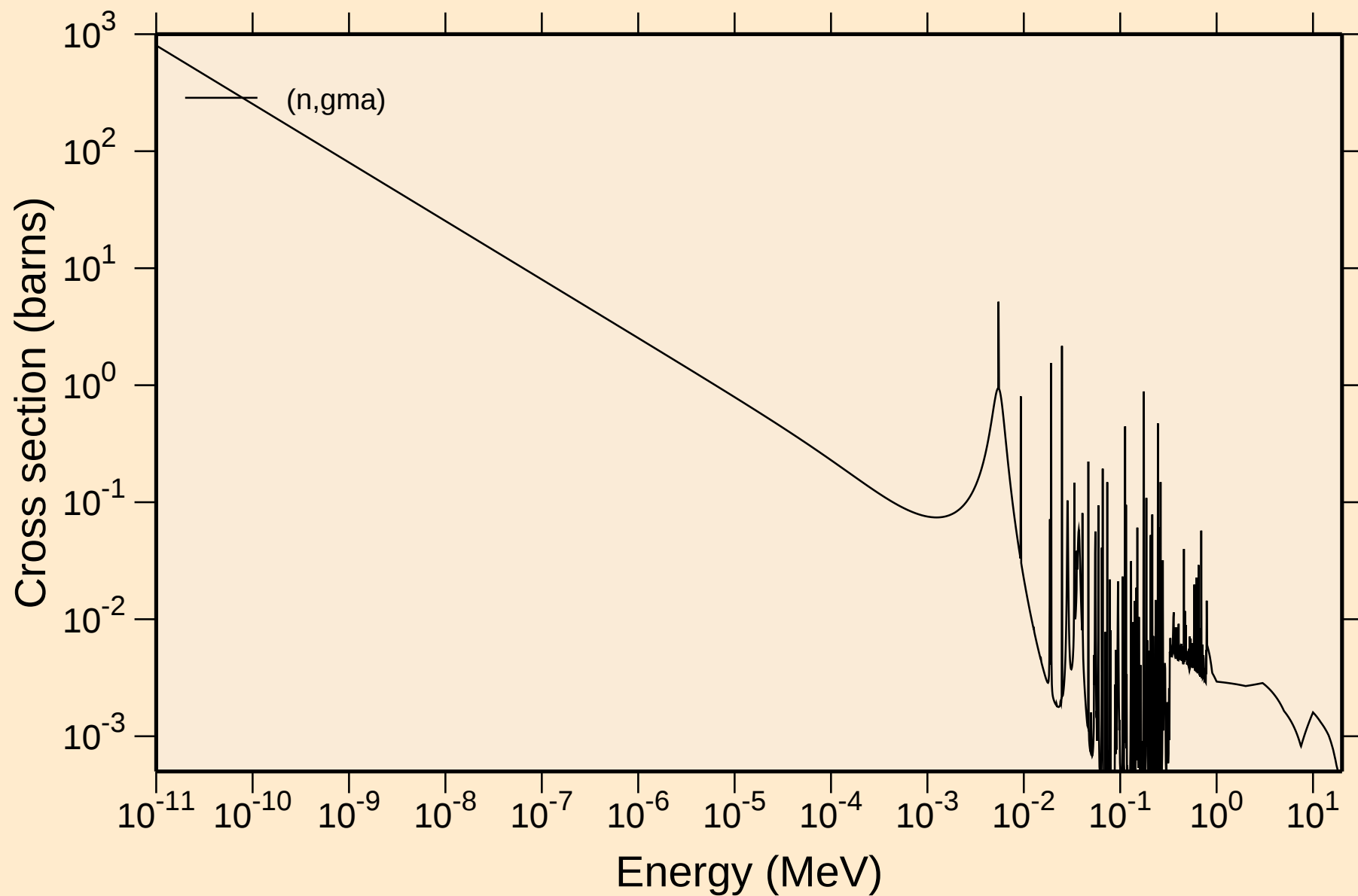


# JEFF-3.0 CR-50 resonance absorption cross sections



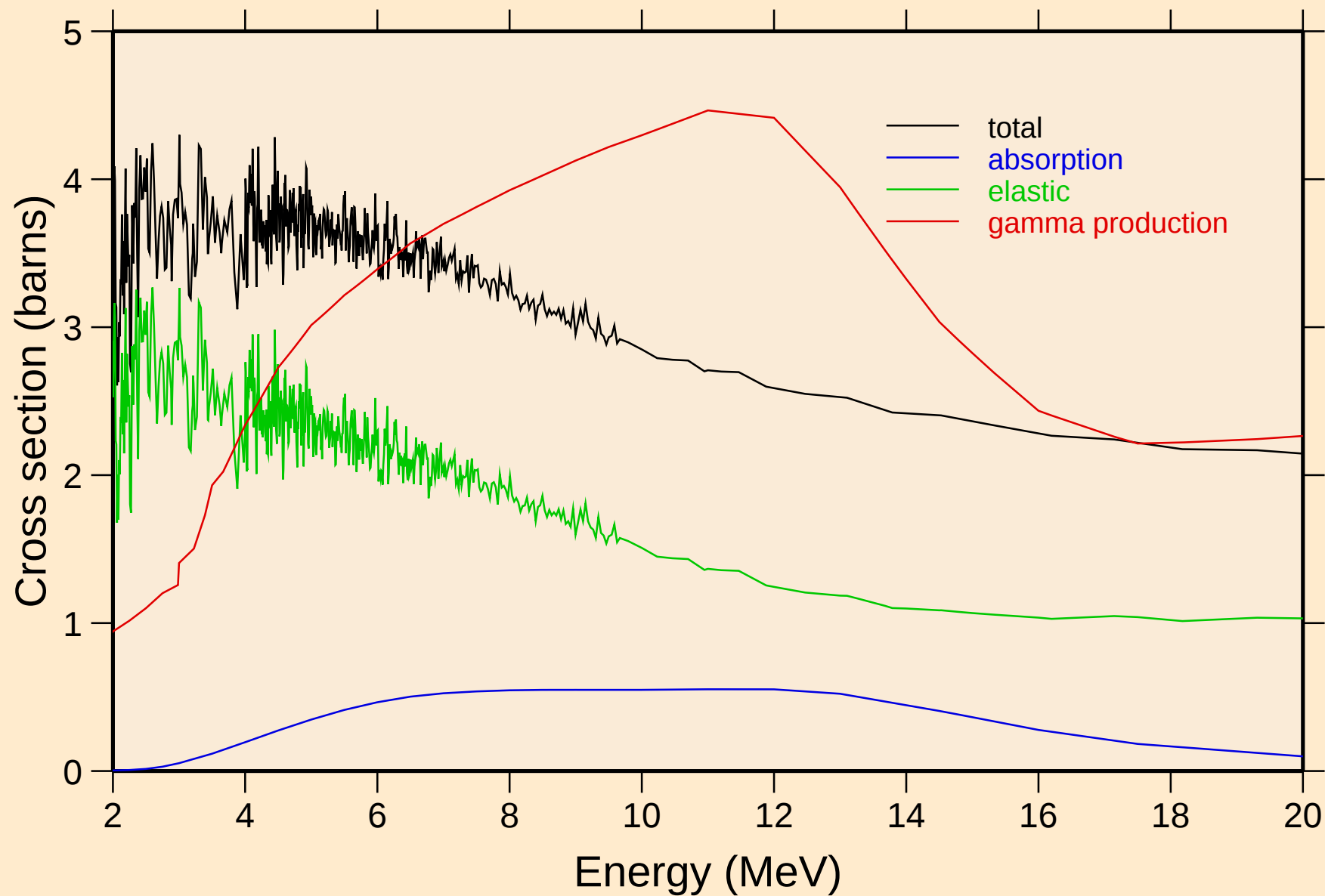
JEFF-3.0 CR-50

Non-threshold reactions



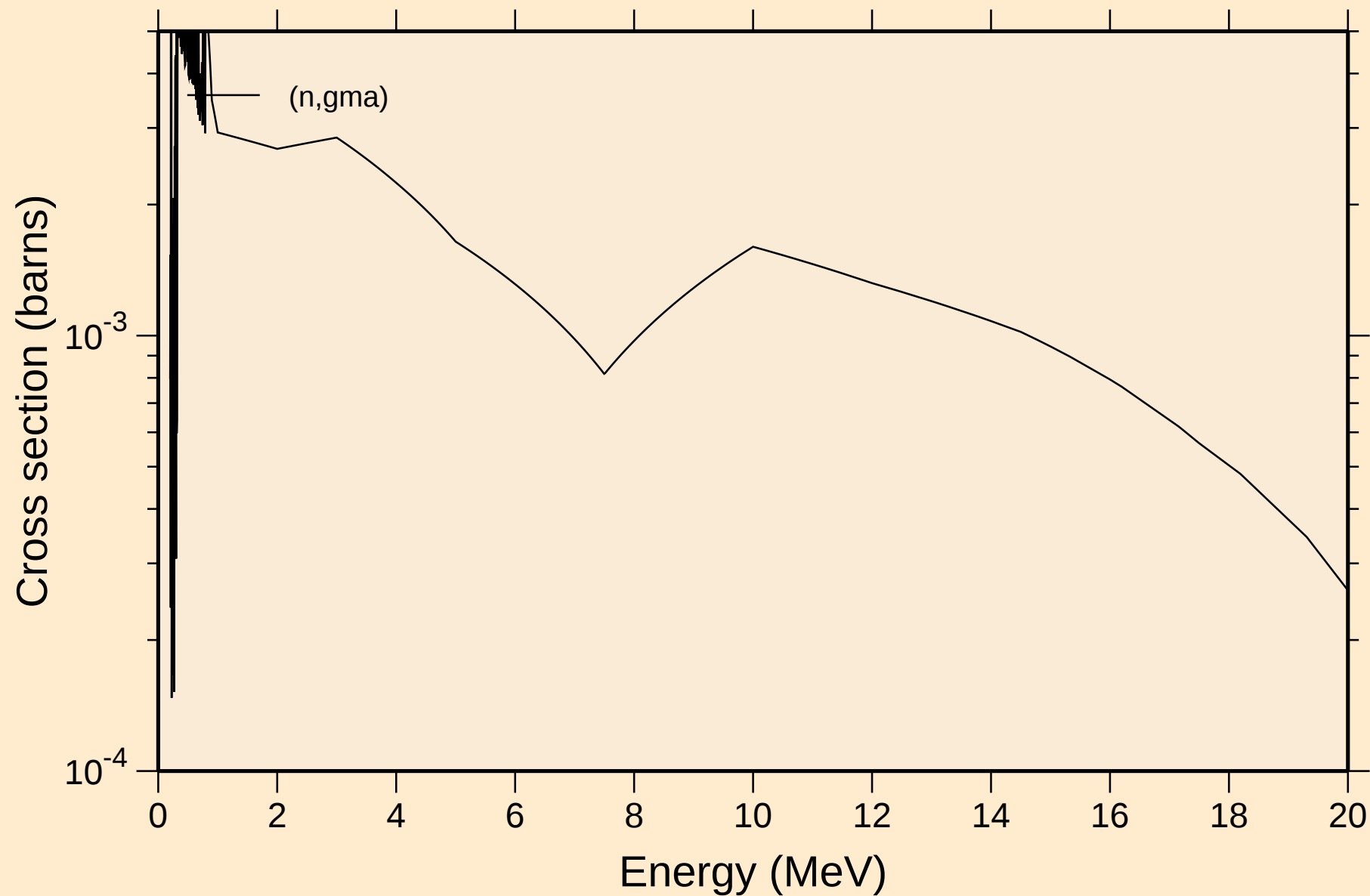
# JEFF-3.0 CR-50

## Principal cross sections



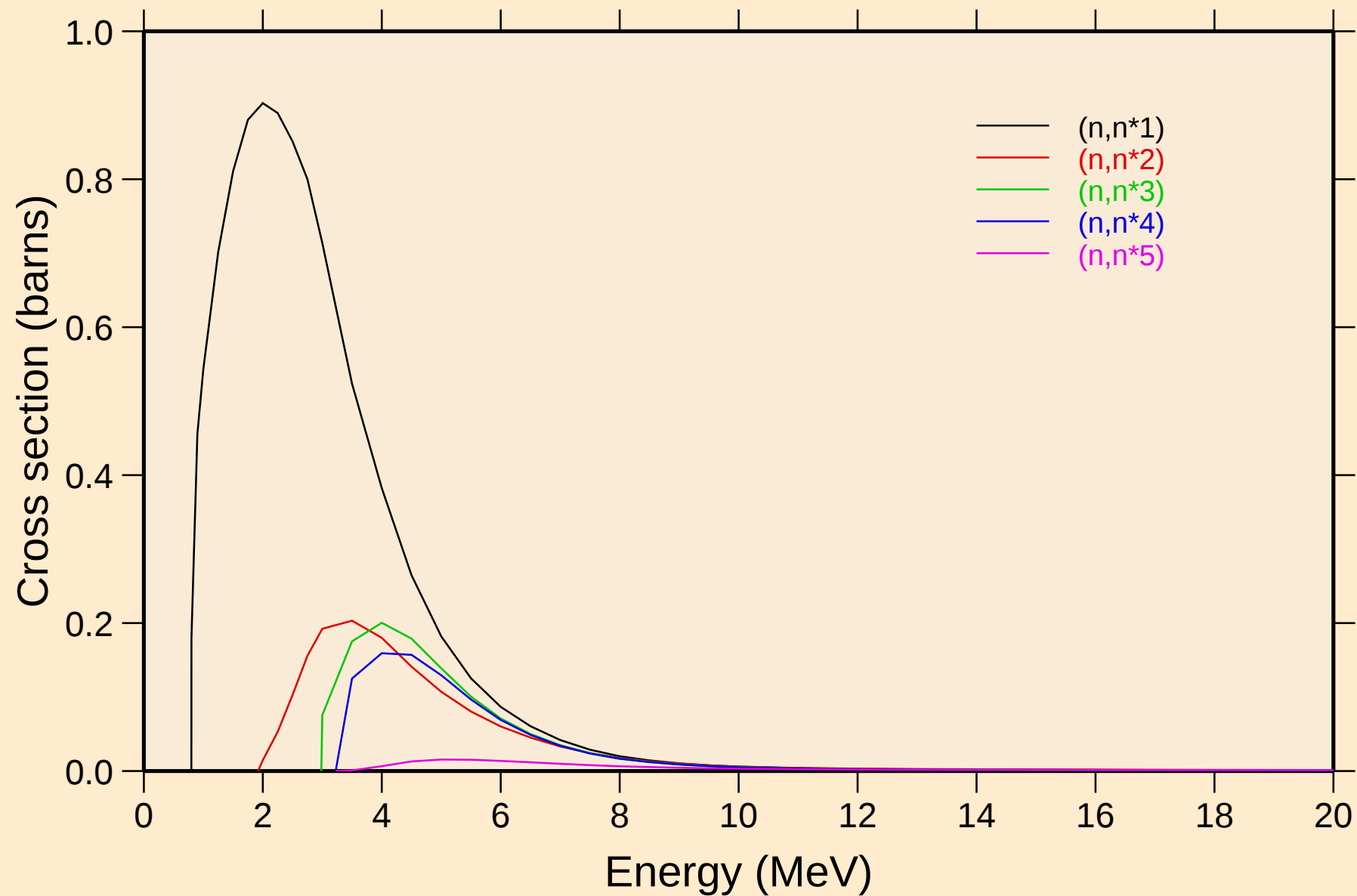
JEFF-3.0 CR-50

Non-threshold reactions



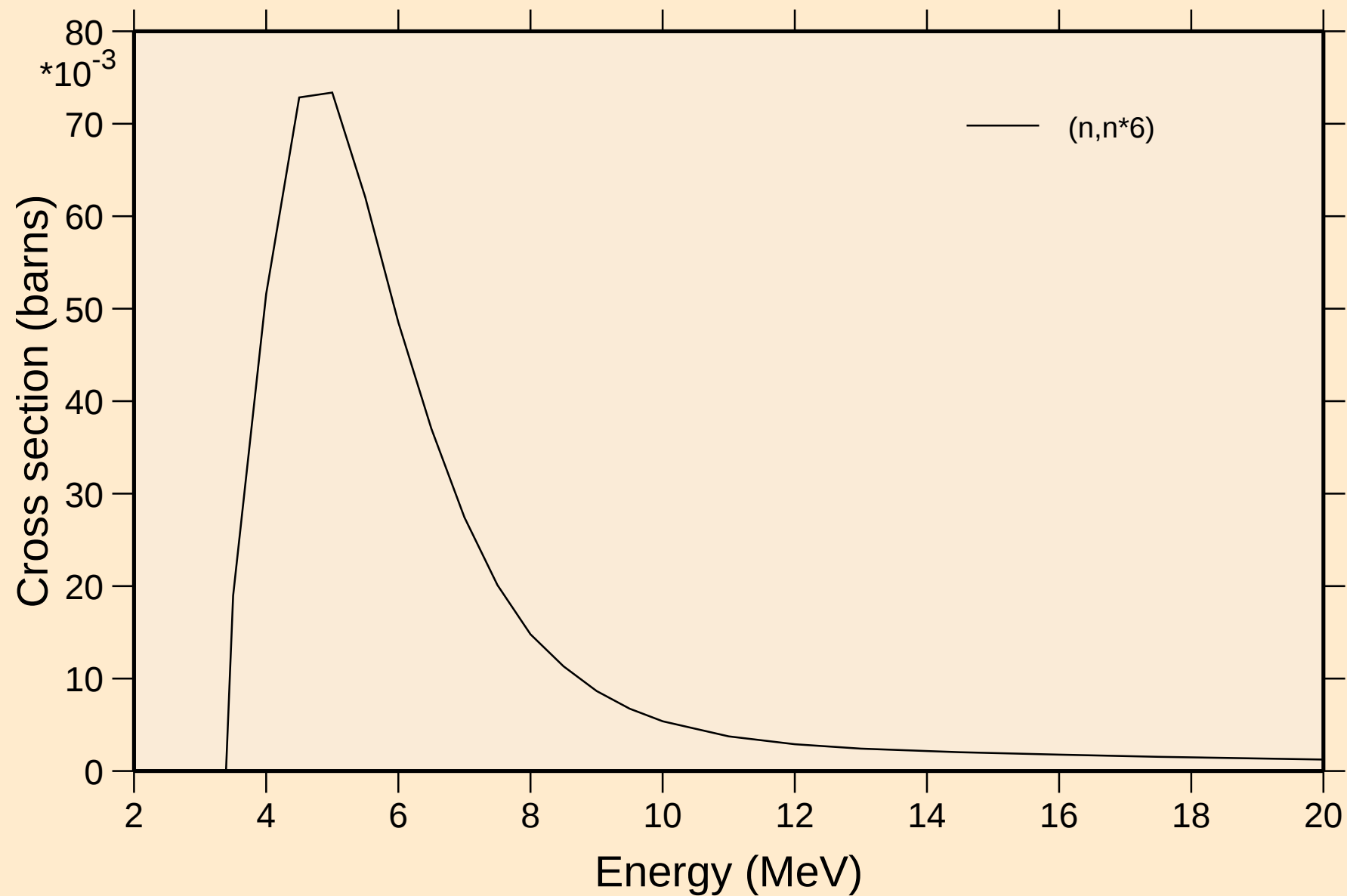
# JEFF-3.0 CR-50

## Inelastic levels



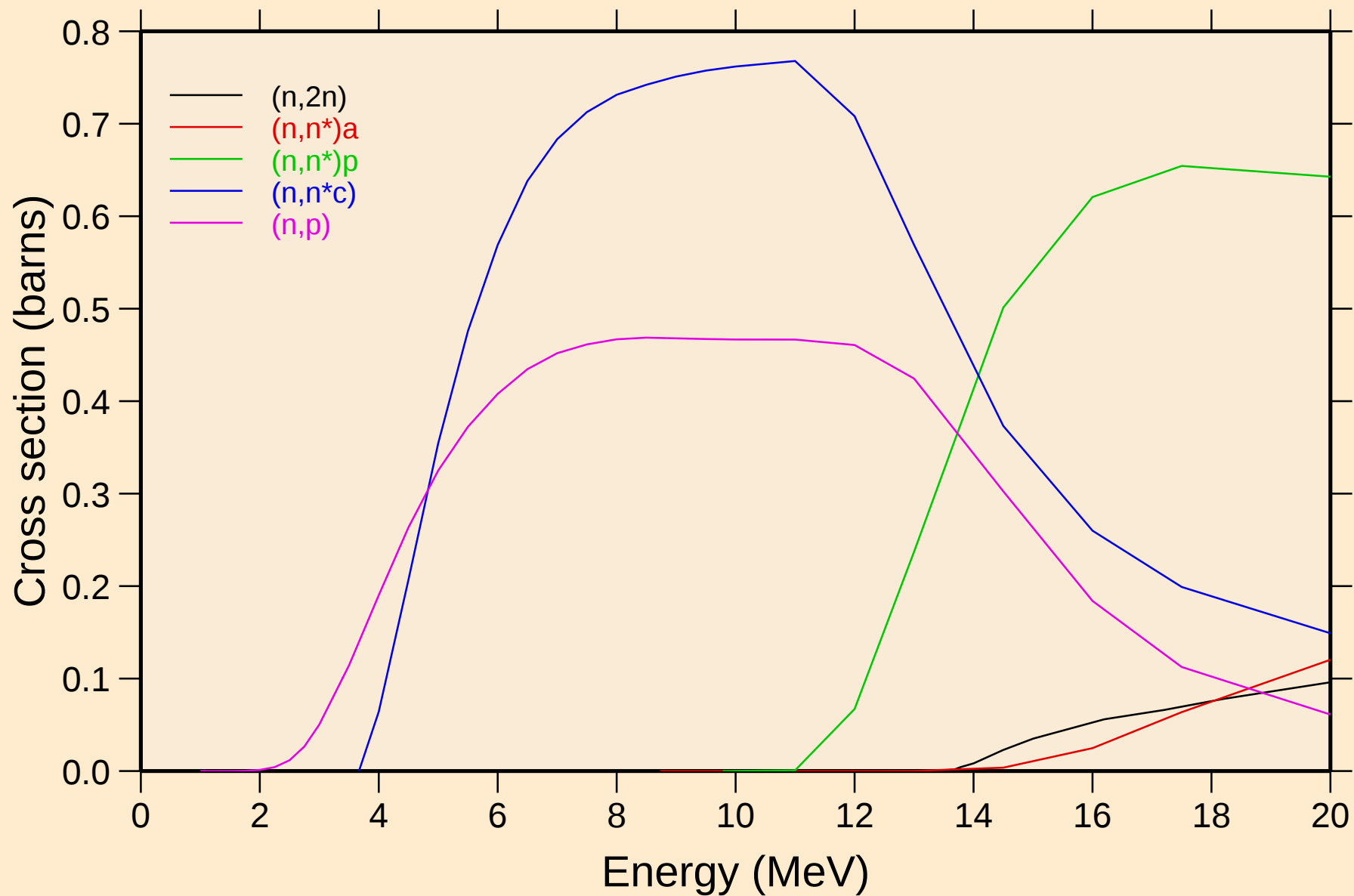
JEFF-3.0 CR-50

Inelastic levels



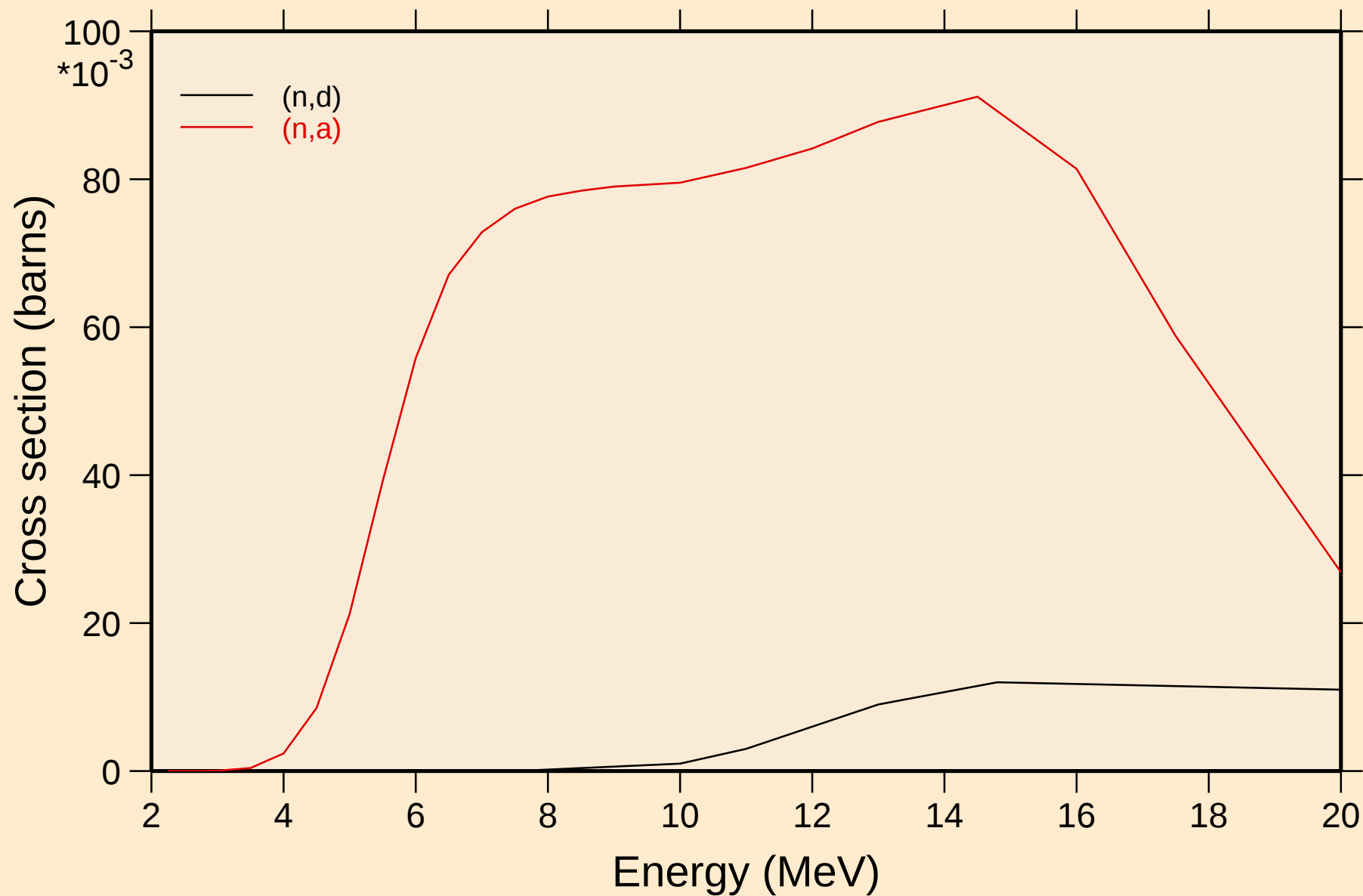
# JEFF-3.0 CR-50

## Threshold reactions

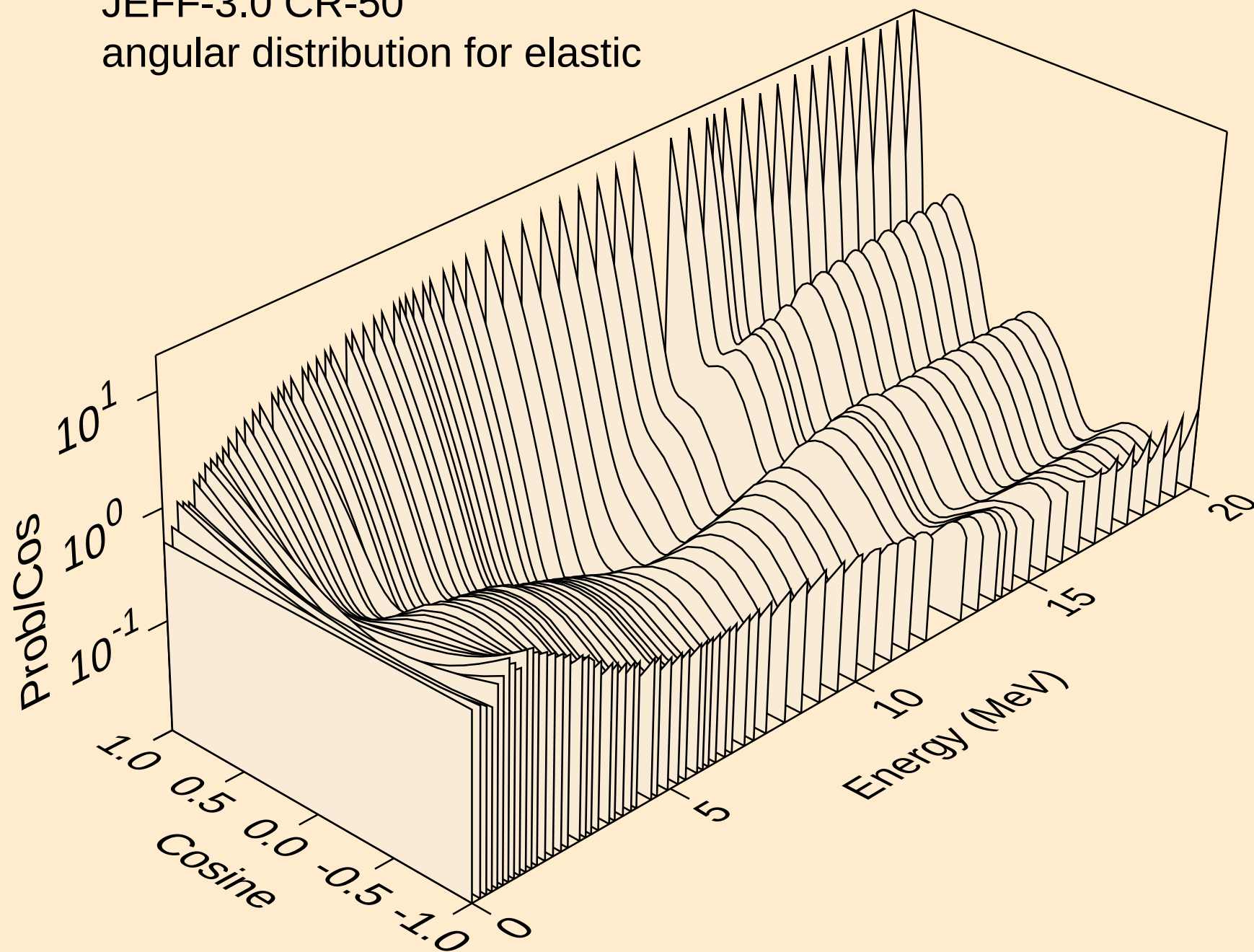


# JEFF-3.0 CR-50

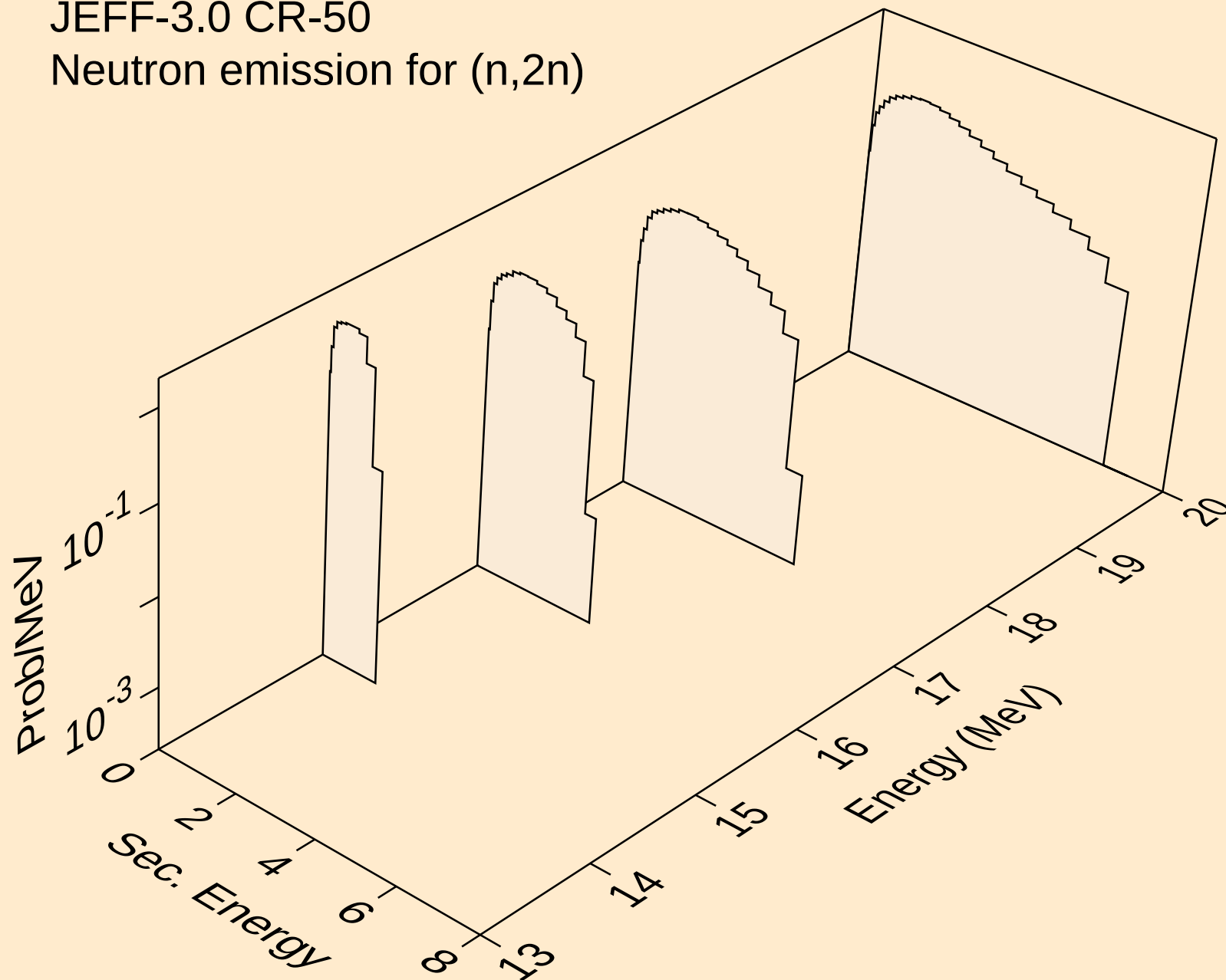
## Threshold reactions



JEFF-3.0 CR-50  
angular distribution for elastic

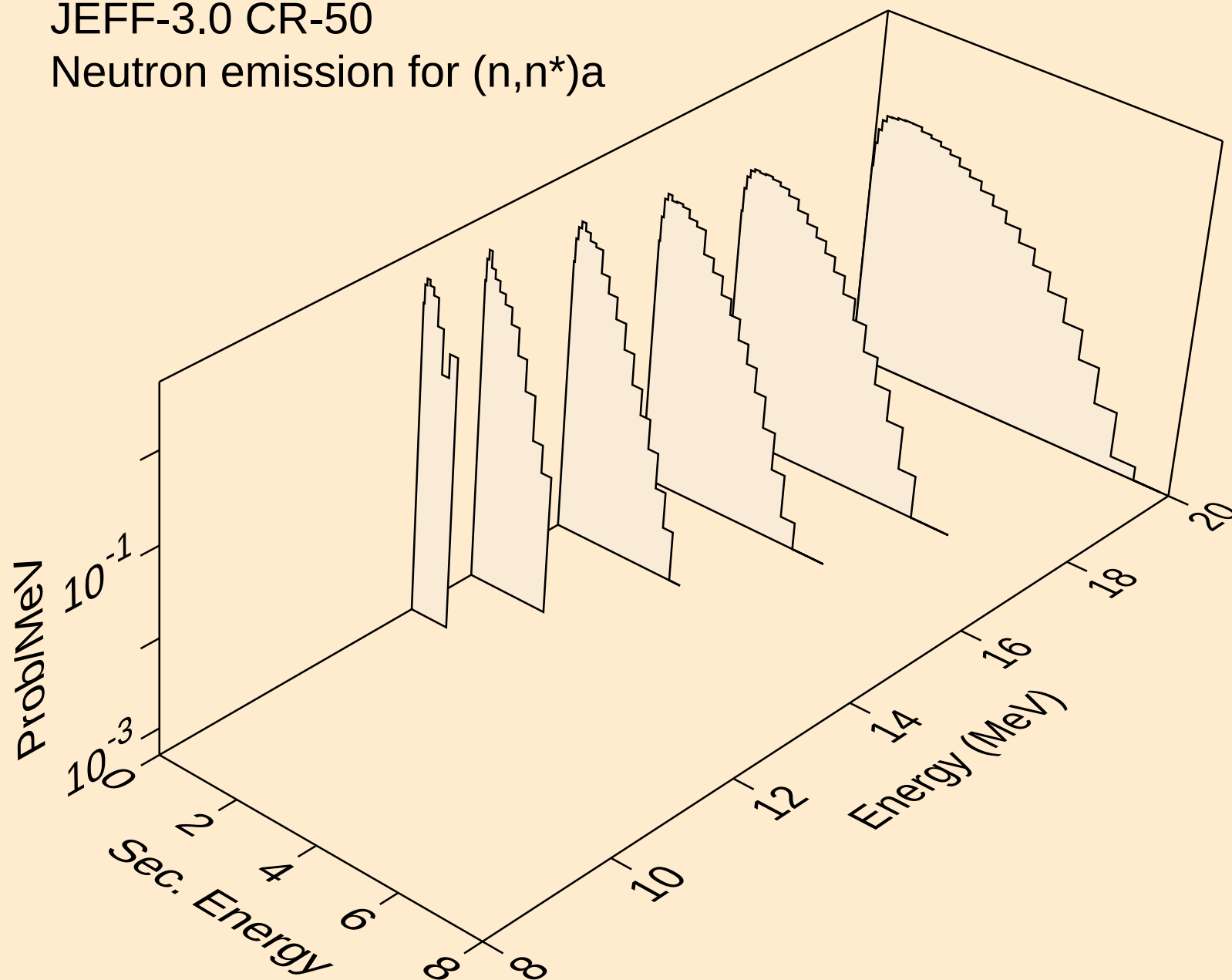


JEFF-3.0 CR-50  
Neutron emission for (n,2n)



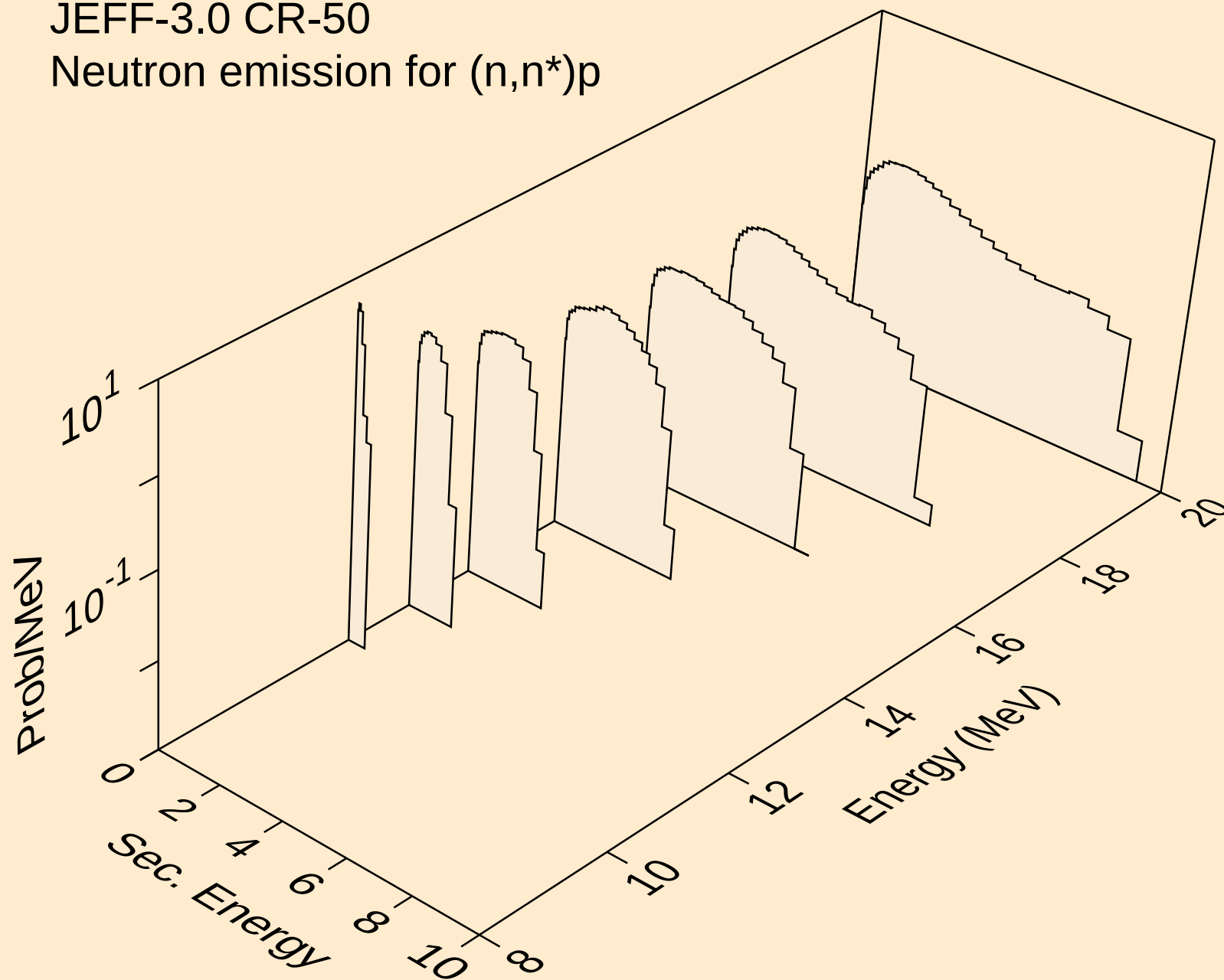
JEFF-3.0 CR-50

Neutron emission for (n,n\*)a

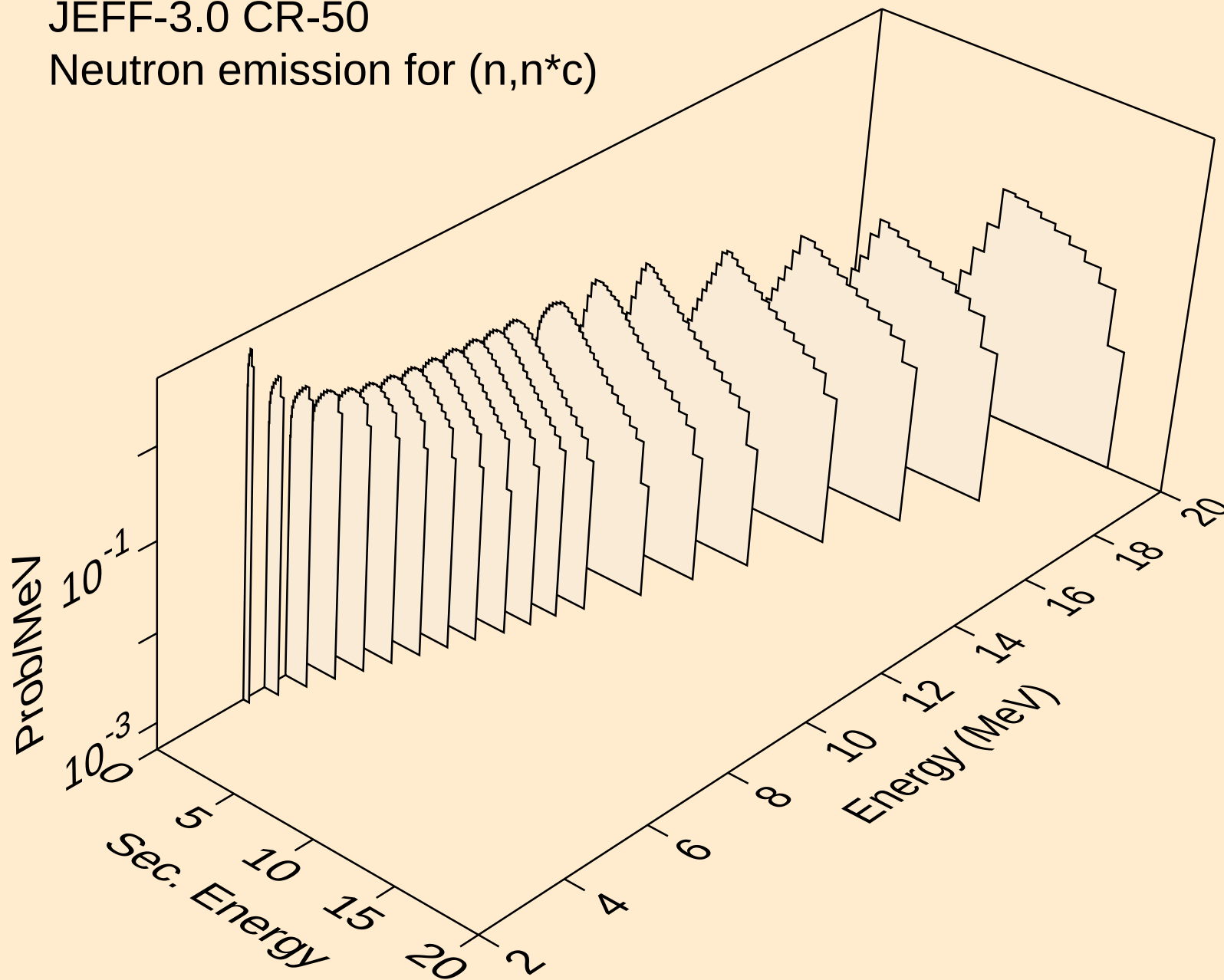


JEFF-3.0 CR-50

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

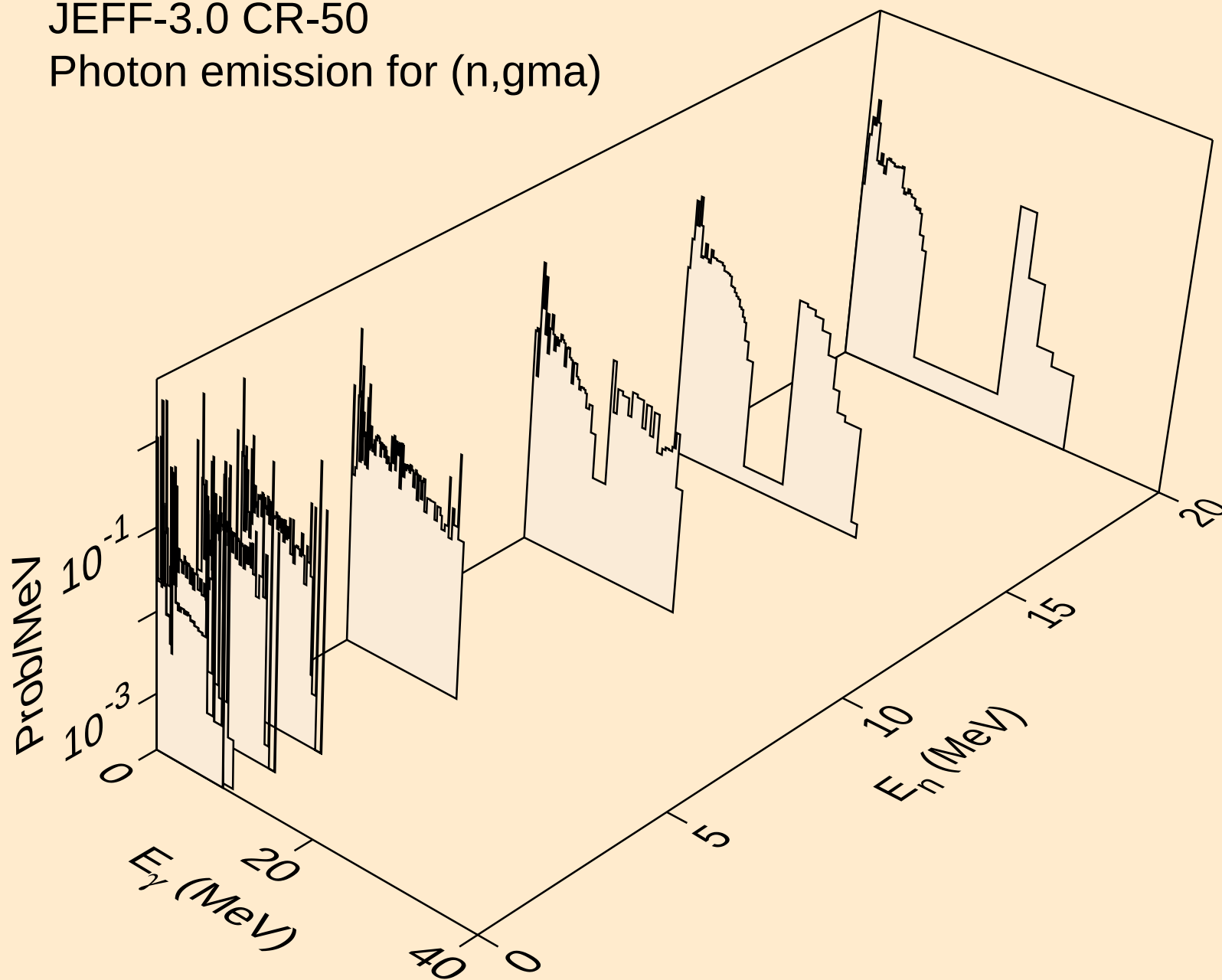


JEFF-3.0 CR-50  
Neutron emission for (n,n\*c)



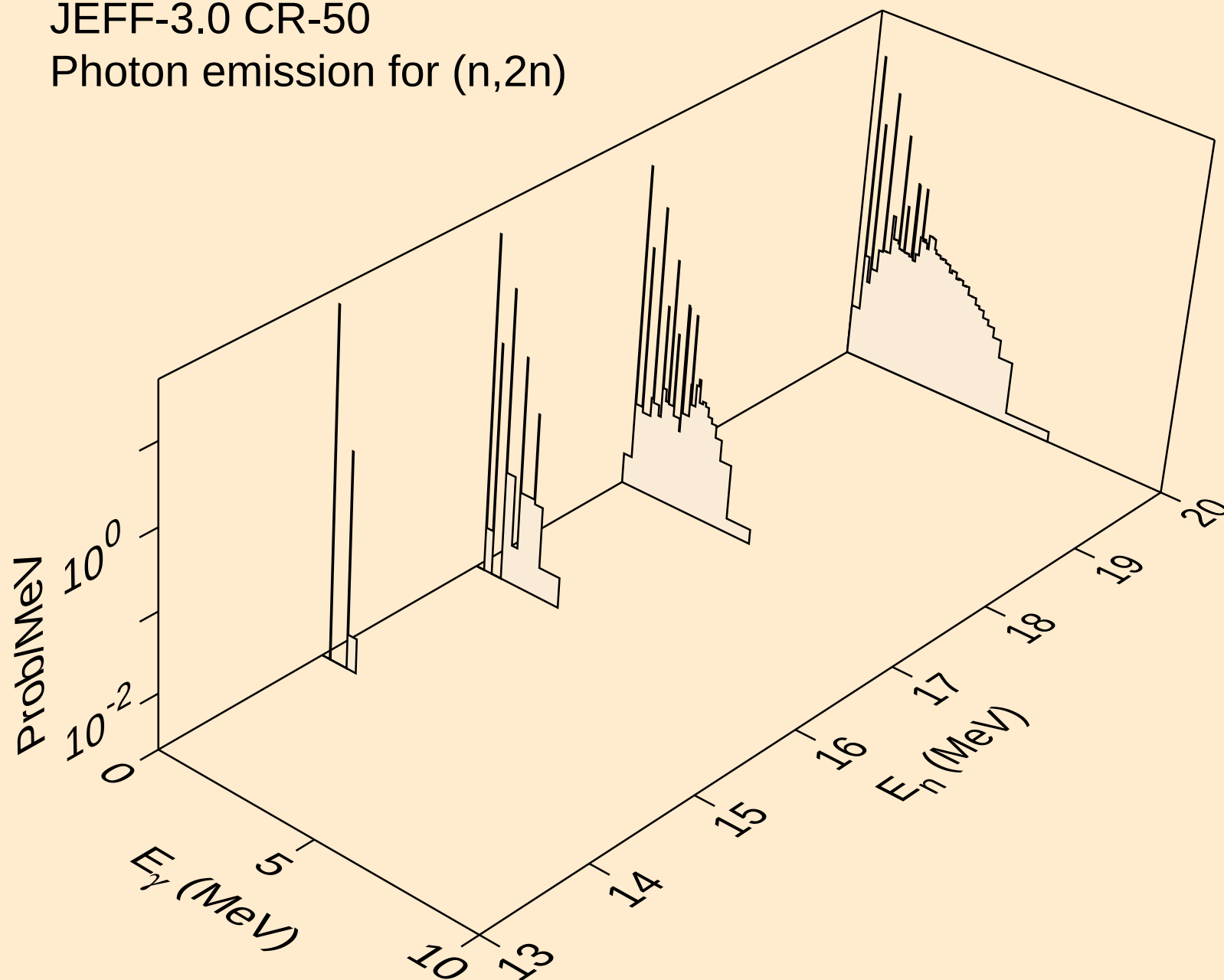
JEFF-3.0 CR-50

Photon emission for (n,gma)



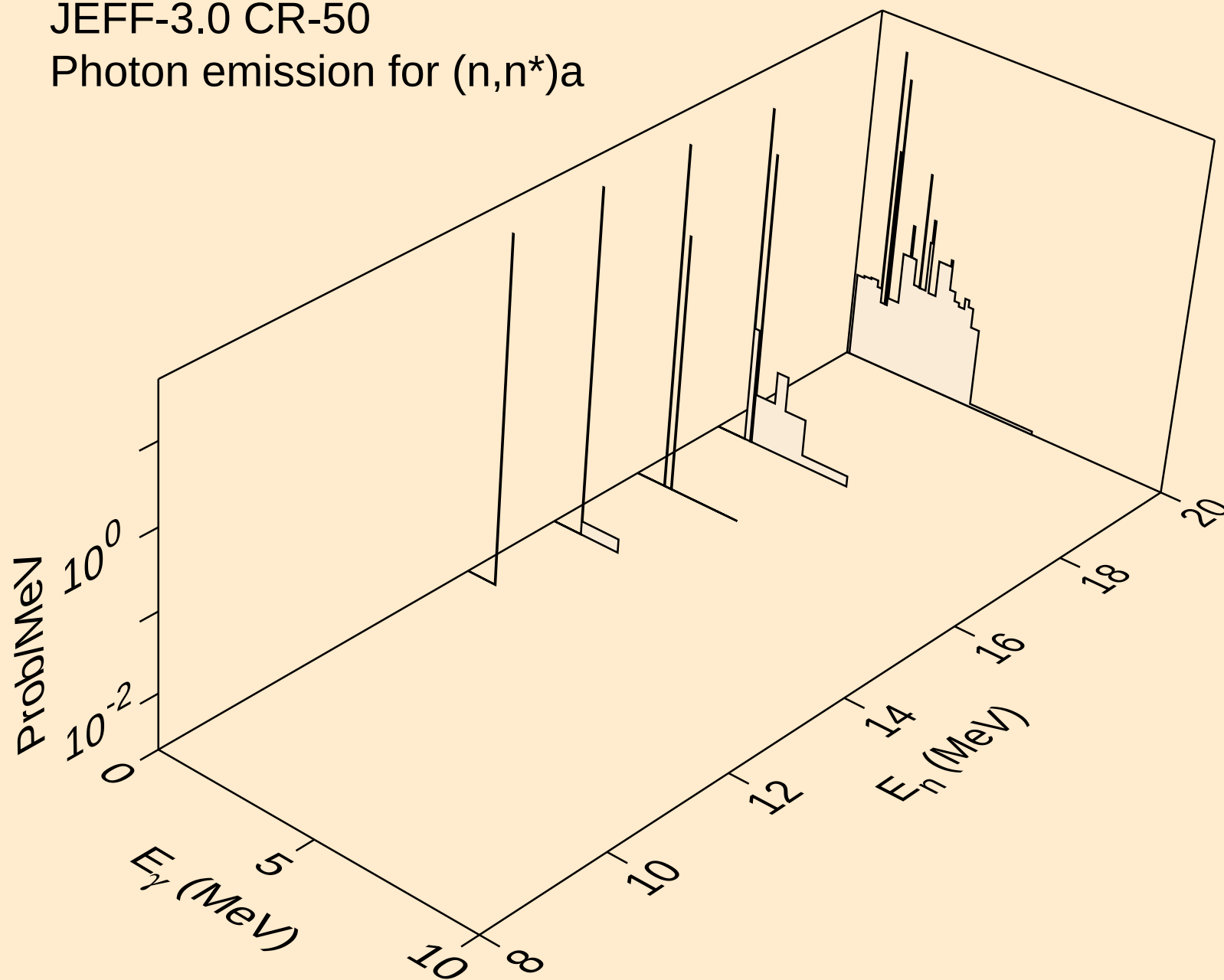
JEFF-3.0 CR-50

Photon emission for (n,2n)



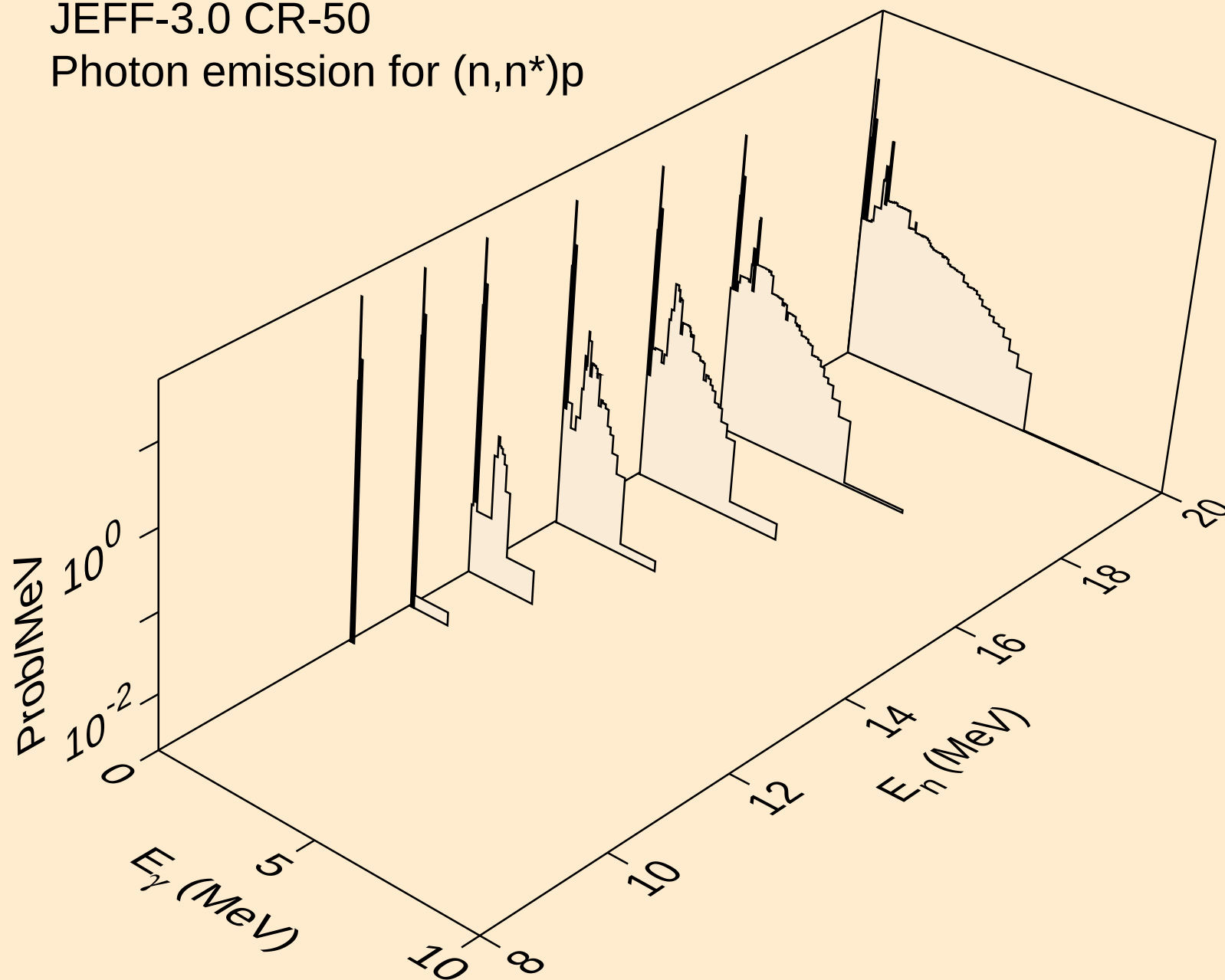
JEFF-3.0 CR-50

Photon emission for (n,n\*)a

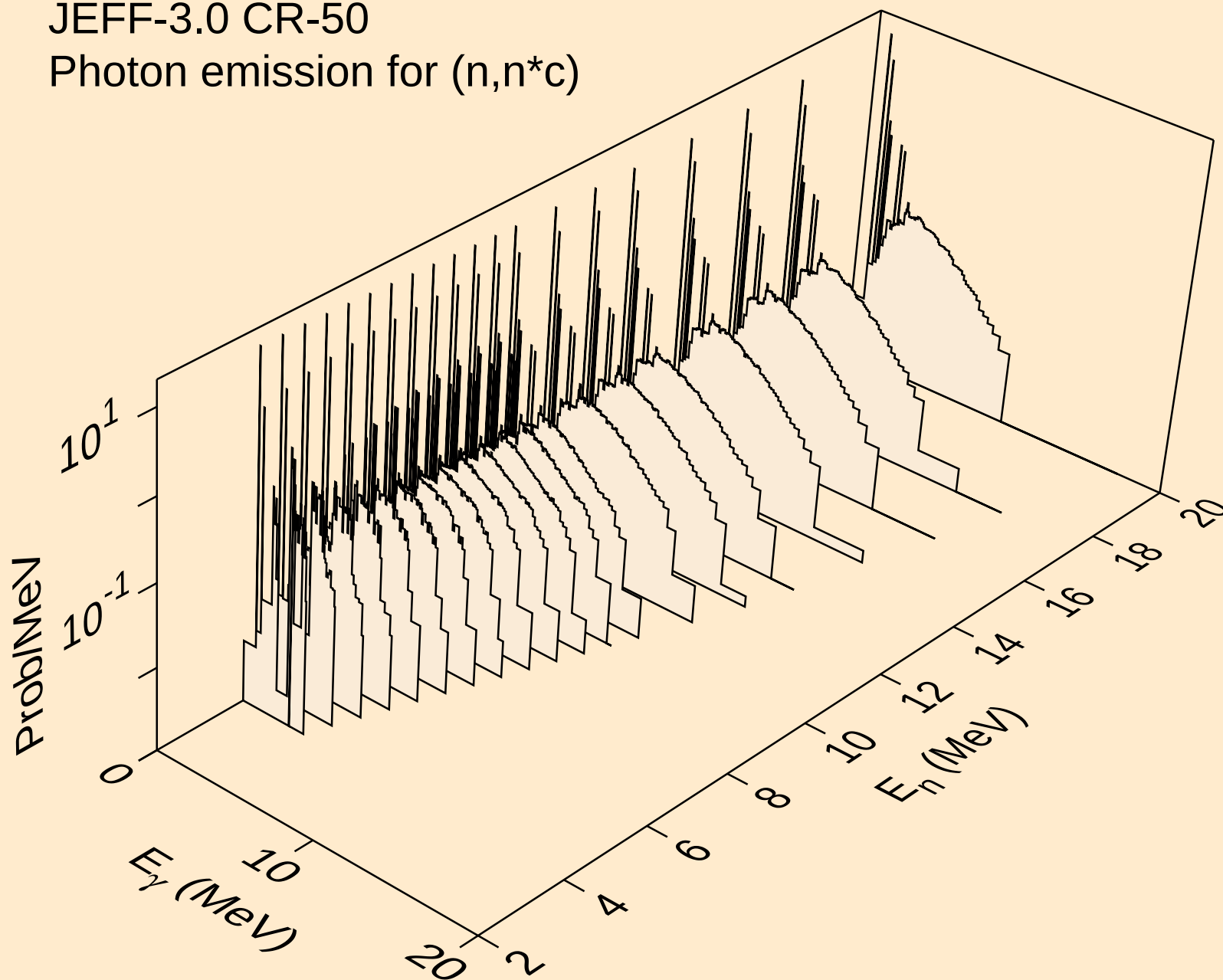


JEFF-3.0 CR-50

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

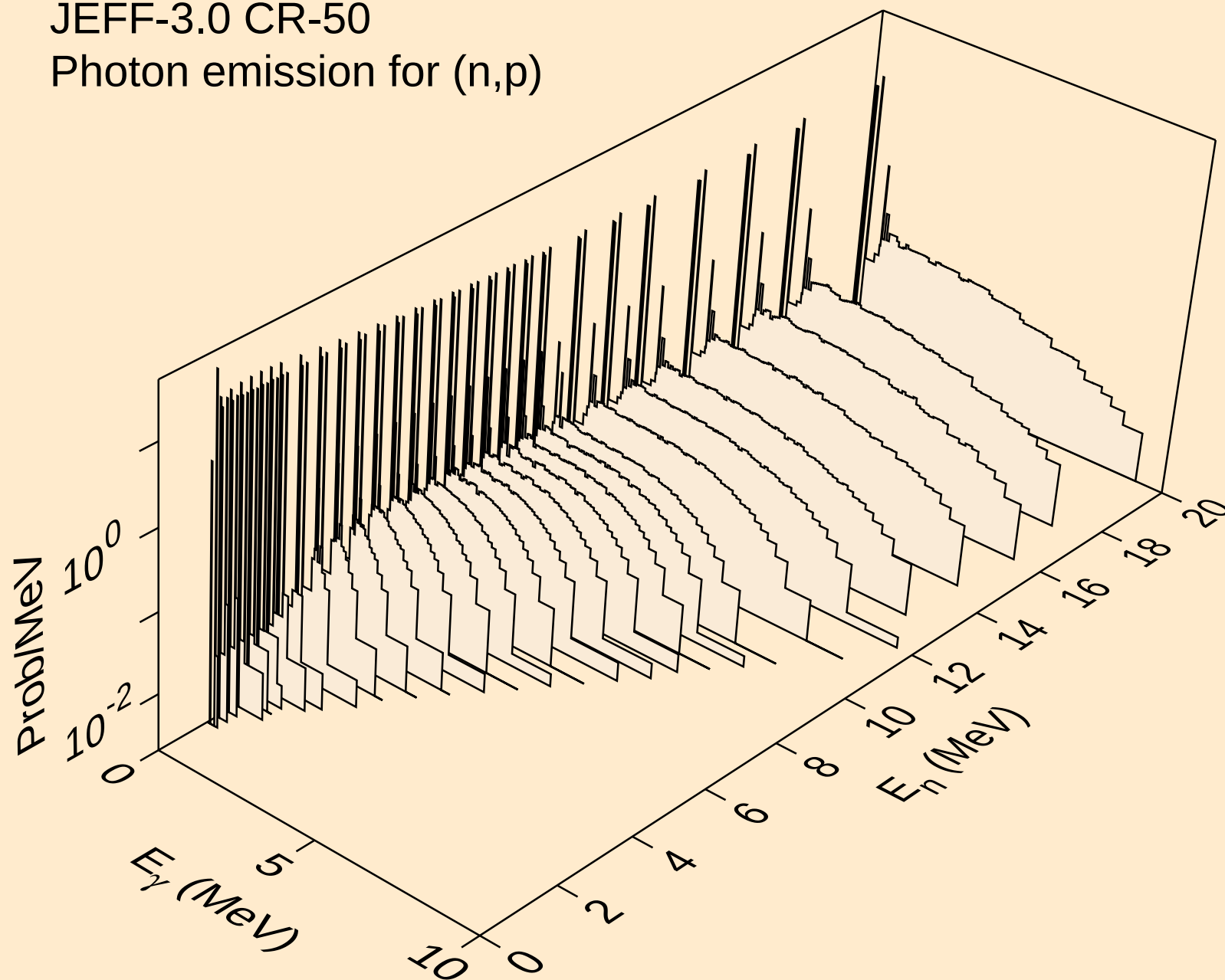


JEFF-3.0 CR-50  
Photon emission for (n,n\*c)



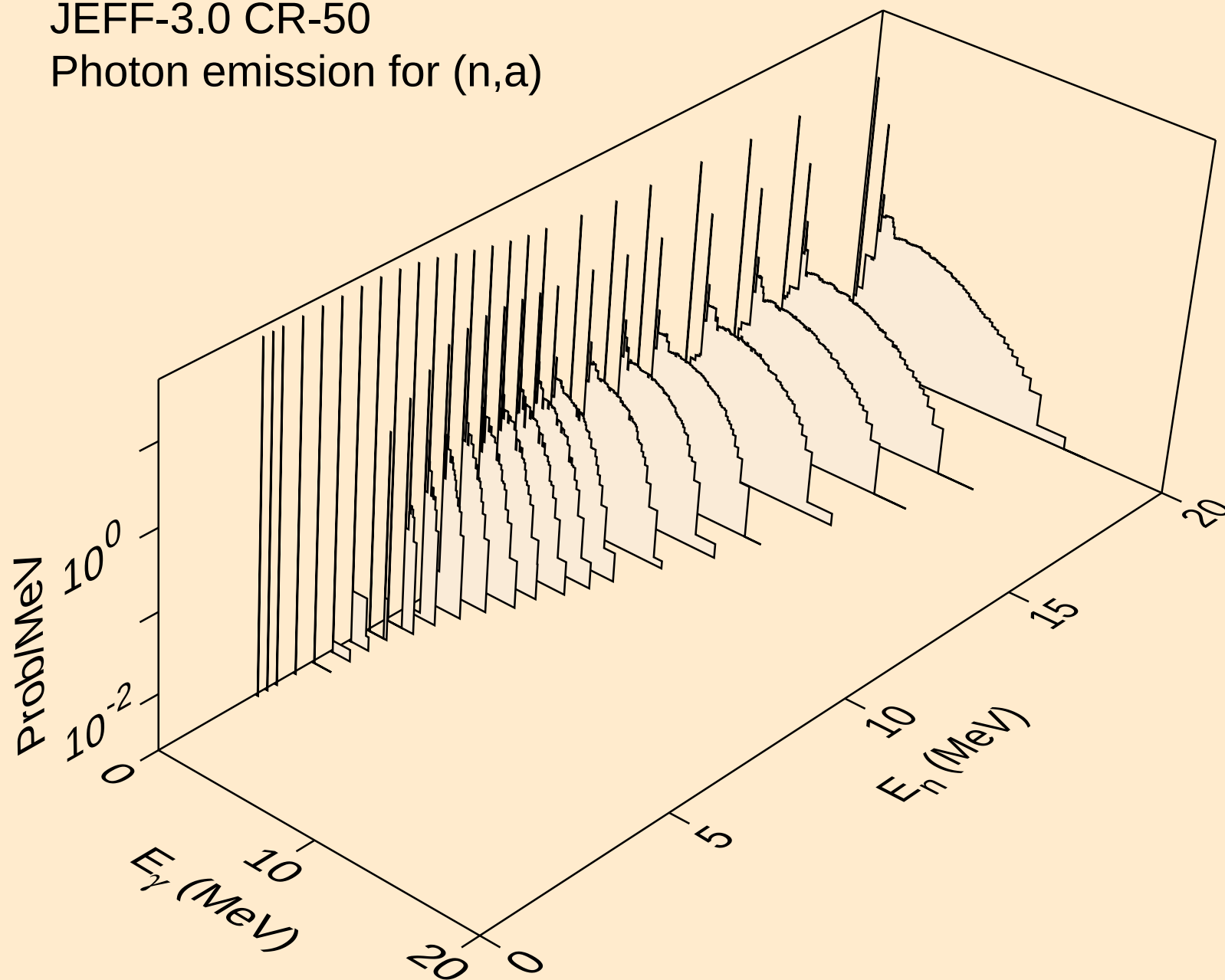
JEFF-3.0 CR-50

Photon emission for (n,p)

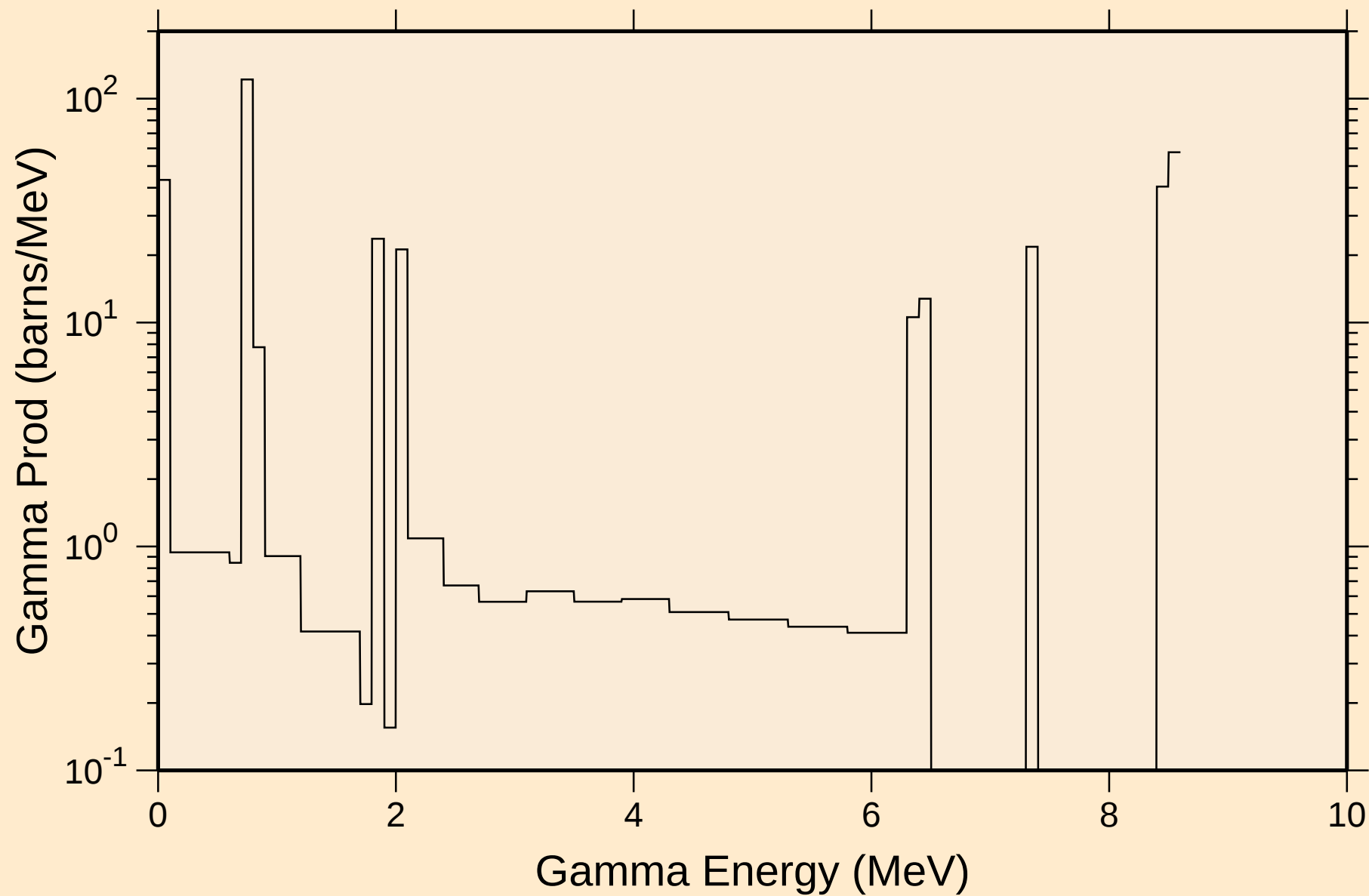


JEFF-3.0 CR-50

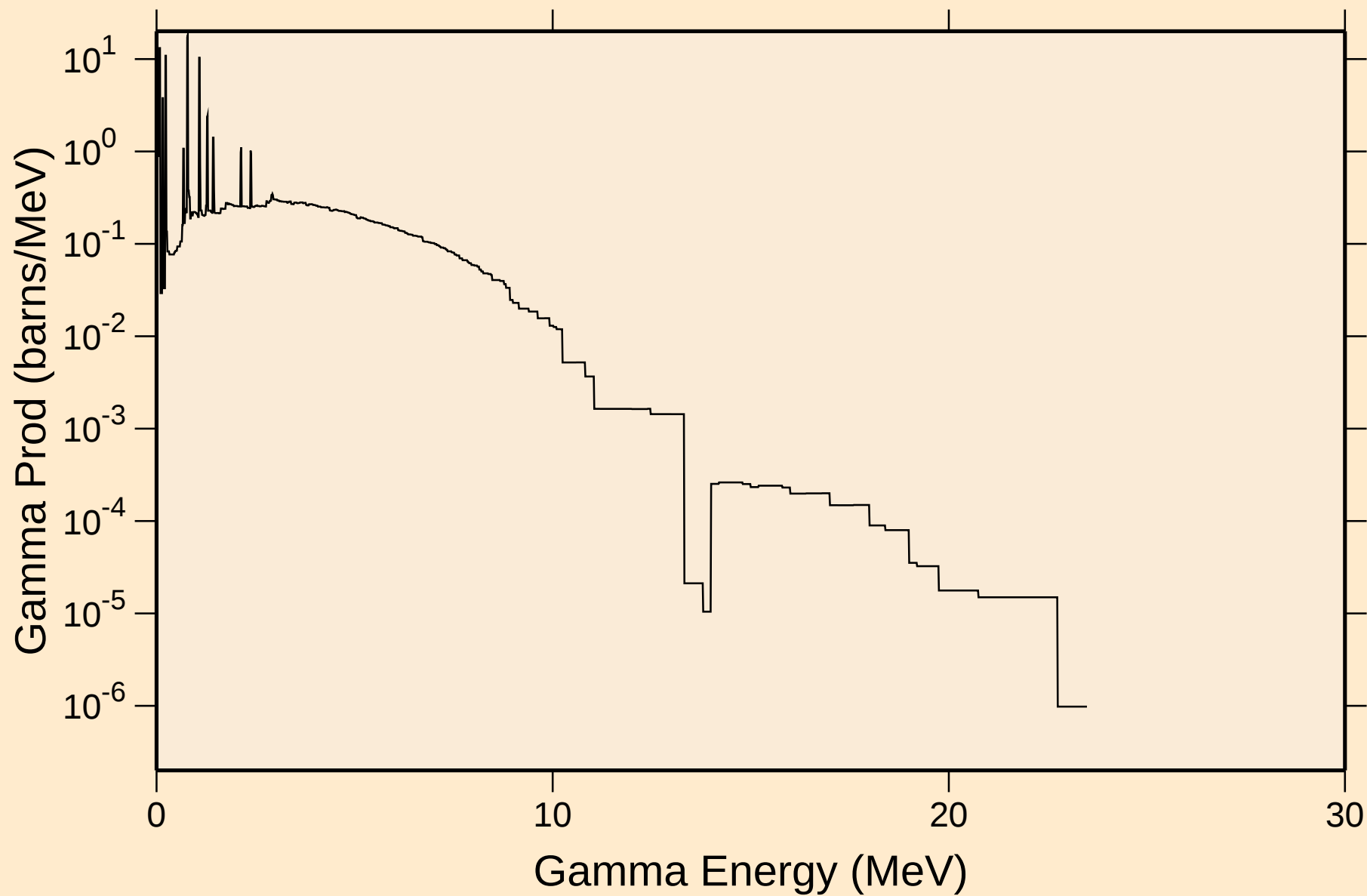
Photon emission for (n,a)



JEFF-3.0 CR-50  
thermal capture photon spectrum

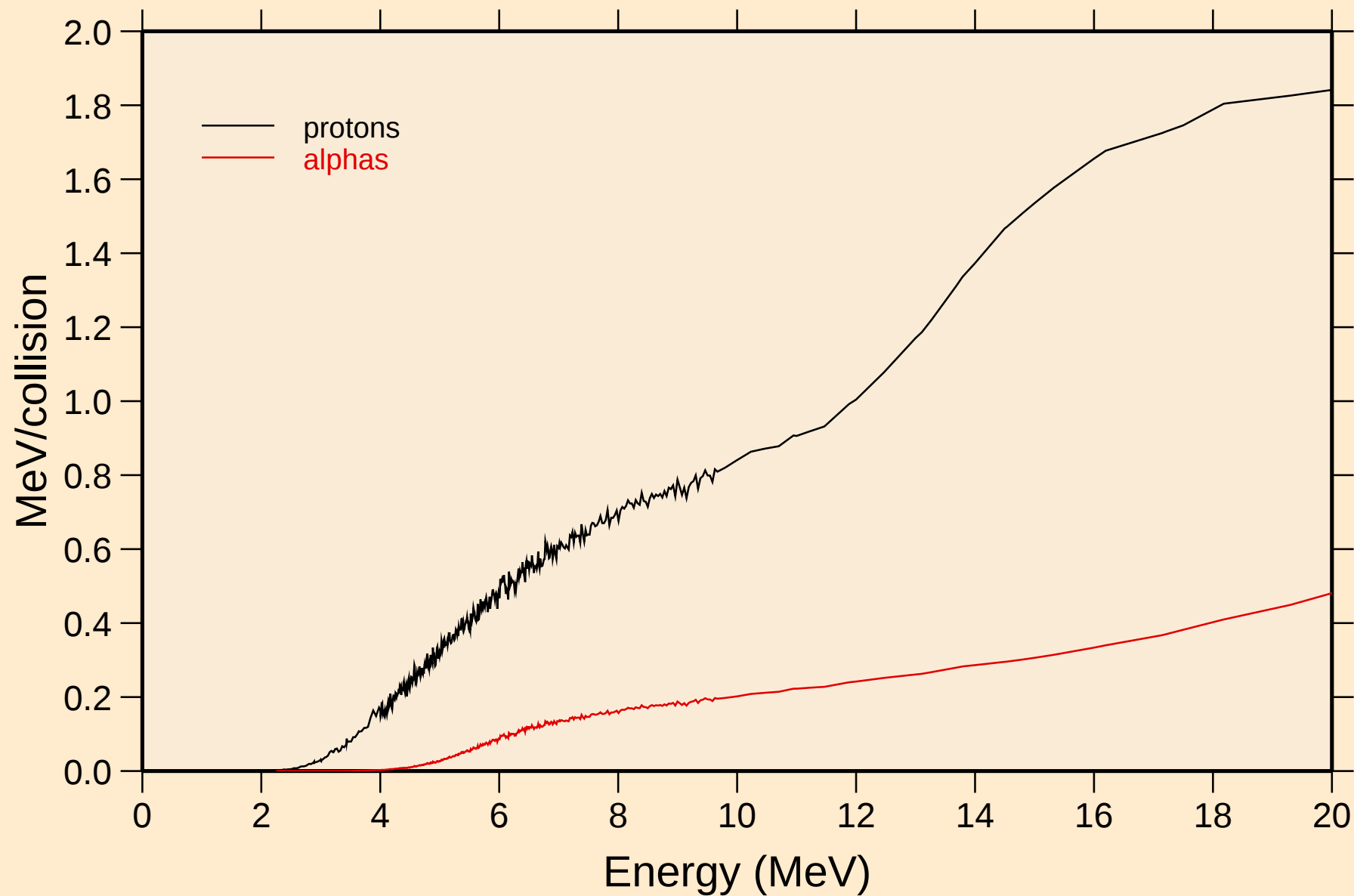


JEFF-3.0 CR-50  
14 MeV photon spectrum

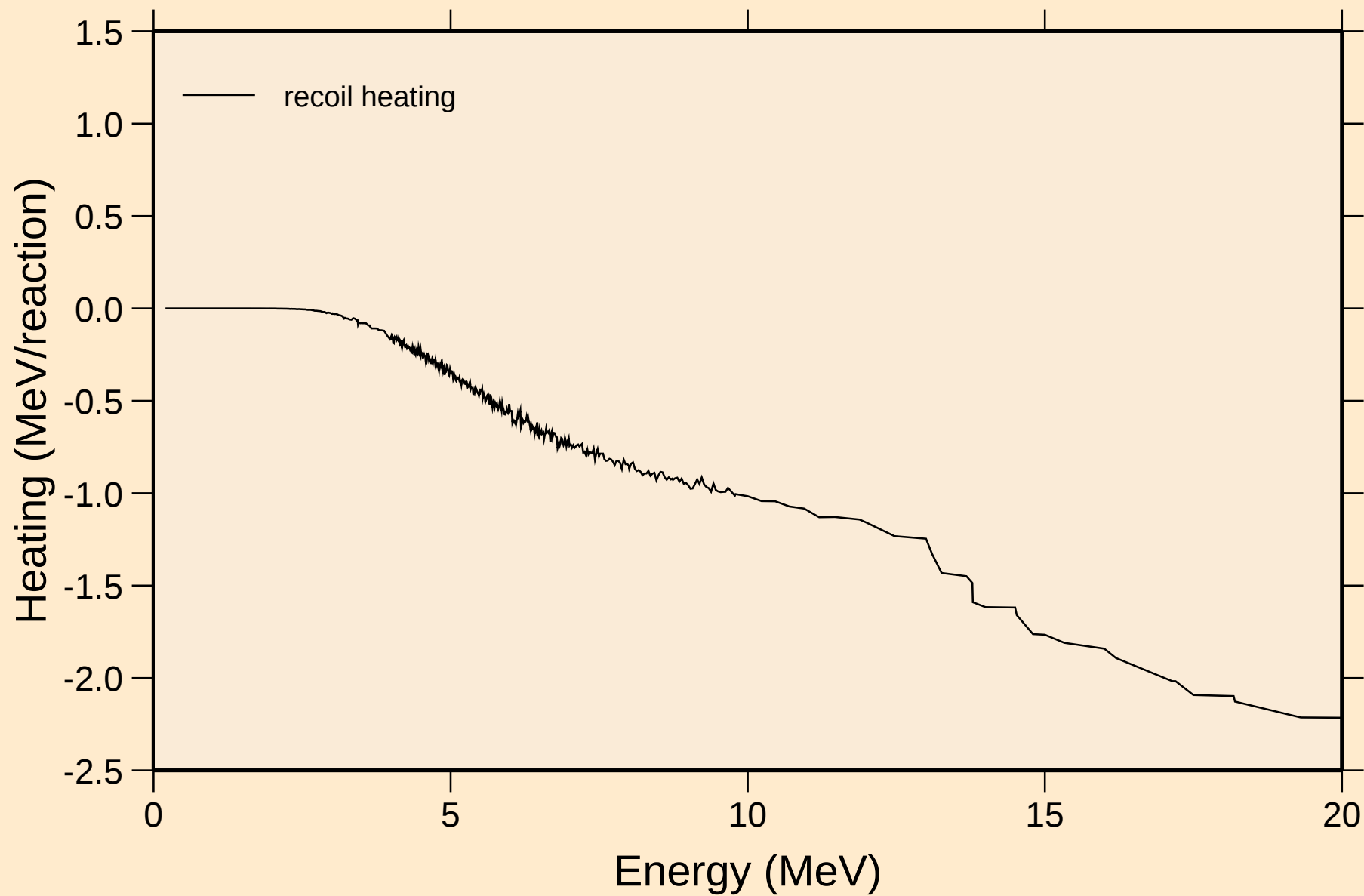


# JEFF-3.0 CR-50

## Particle heating contributions

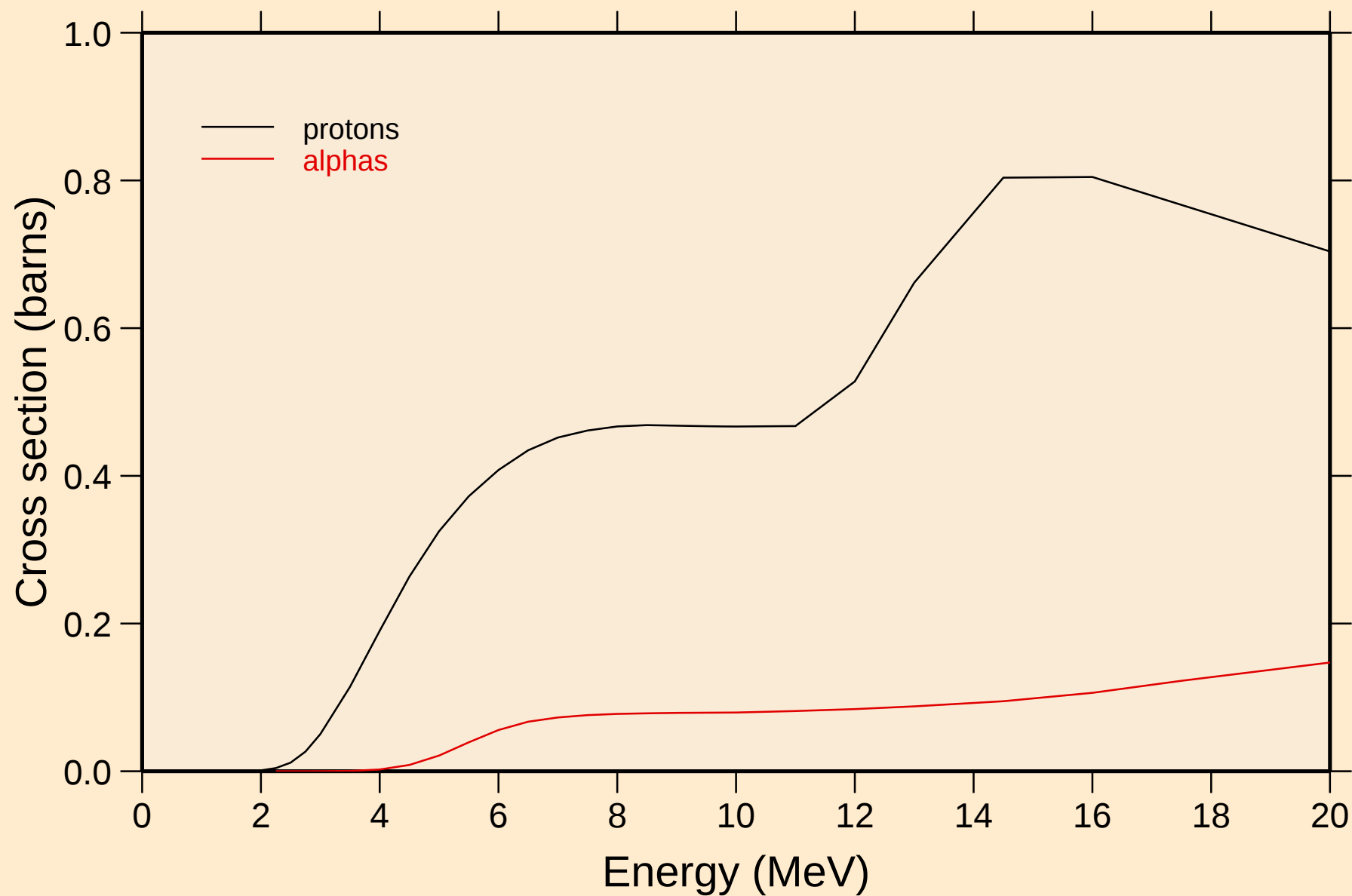


# JEFF-3.0 CR-50 Recoil Heating

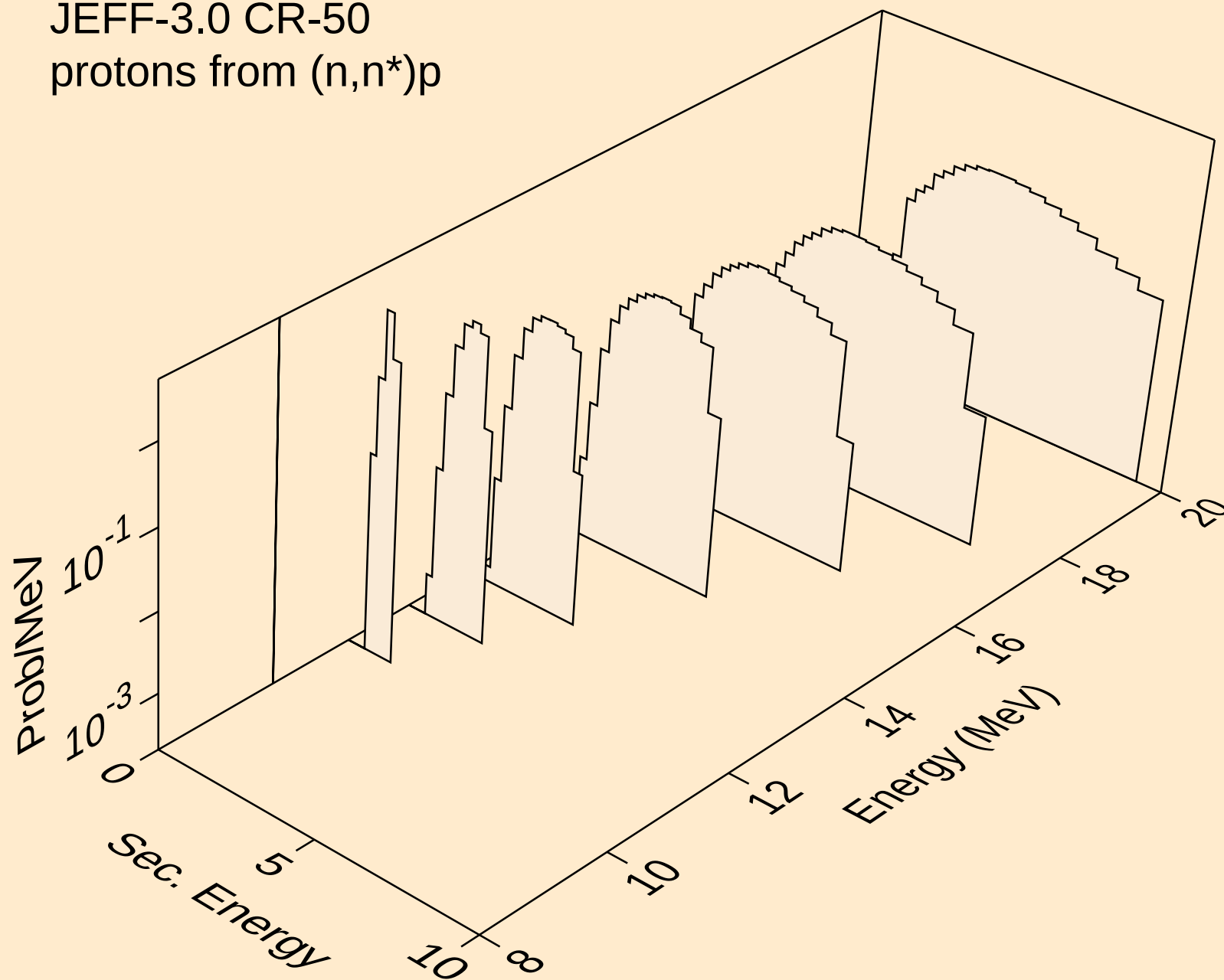


# JEFF-3.0 CR-50

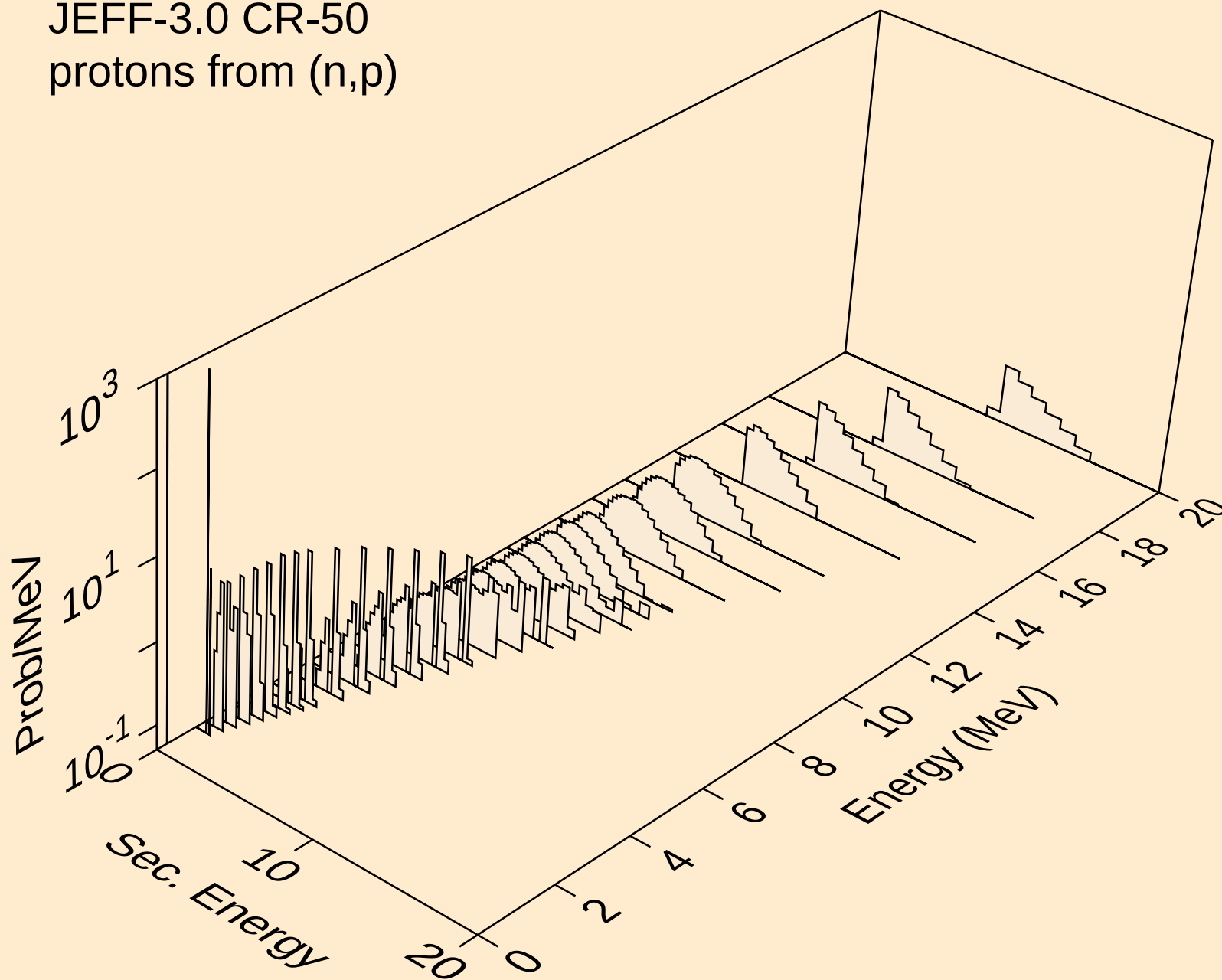
## Particle production cross sections



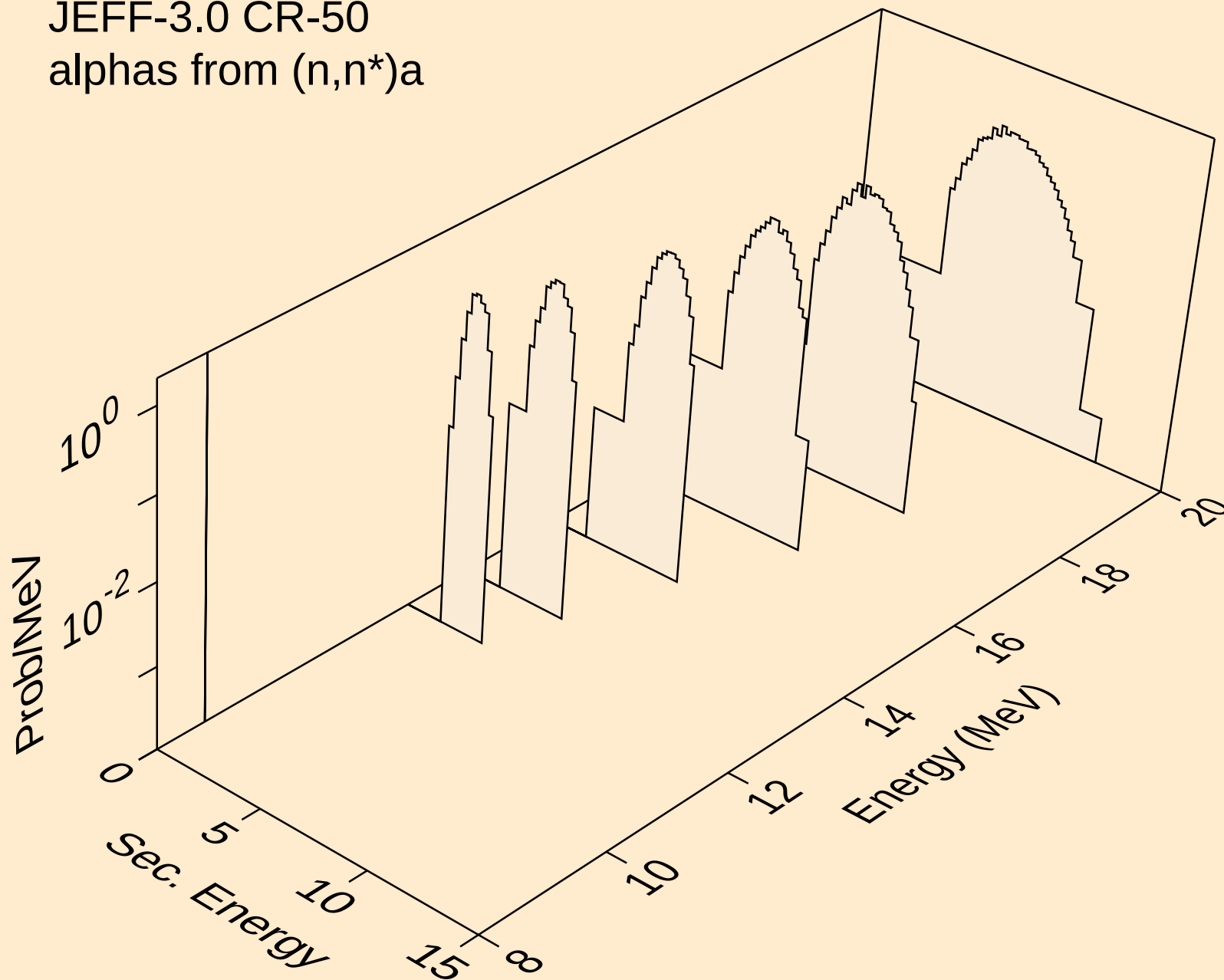
JEFF-3.0 CR-50  
protons from (n,n\*)p



JEFF-3.0 CR-50  
protons from (n,p)



JEFF-3.0 CR-50  
alphas from (n,n\*)a



JEFF-3.0 CR-50  
alphas from (n,a)

