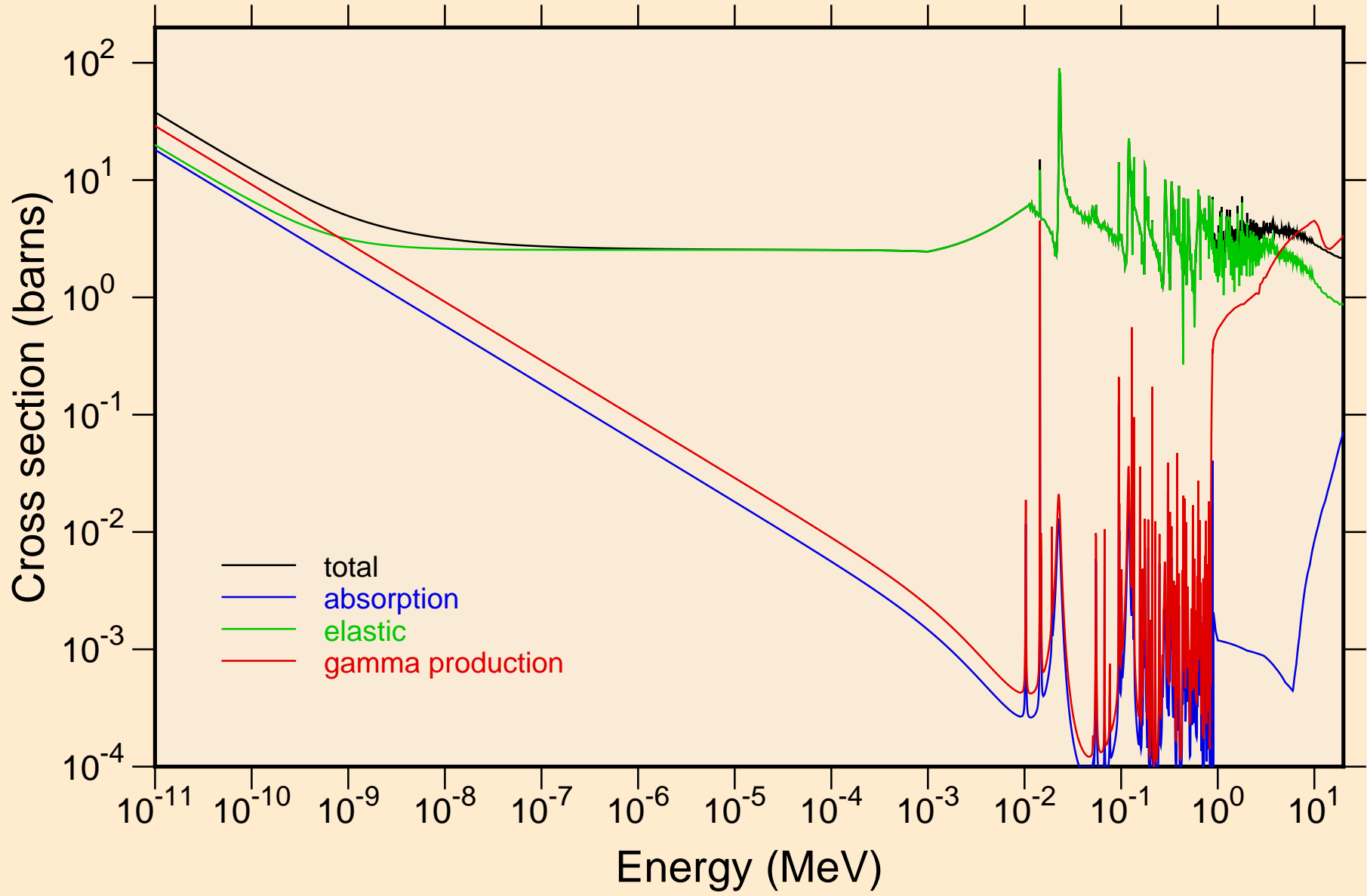
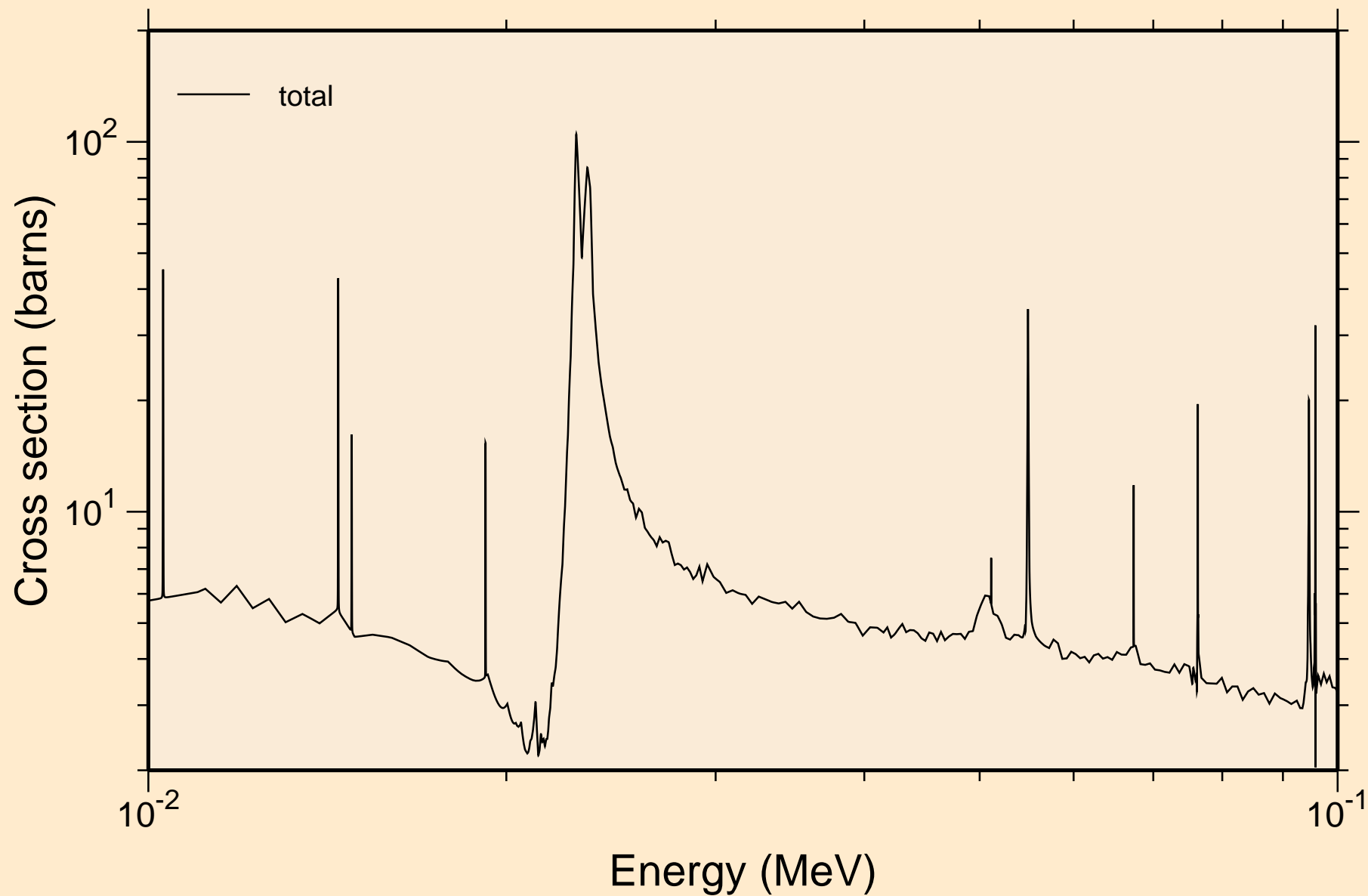


# JEFF-3.0 CR-54

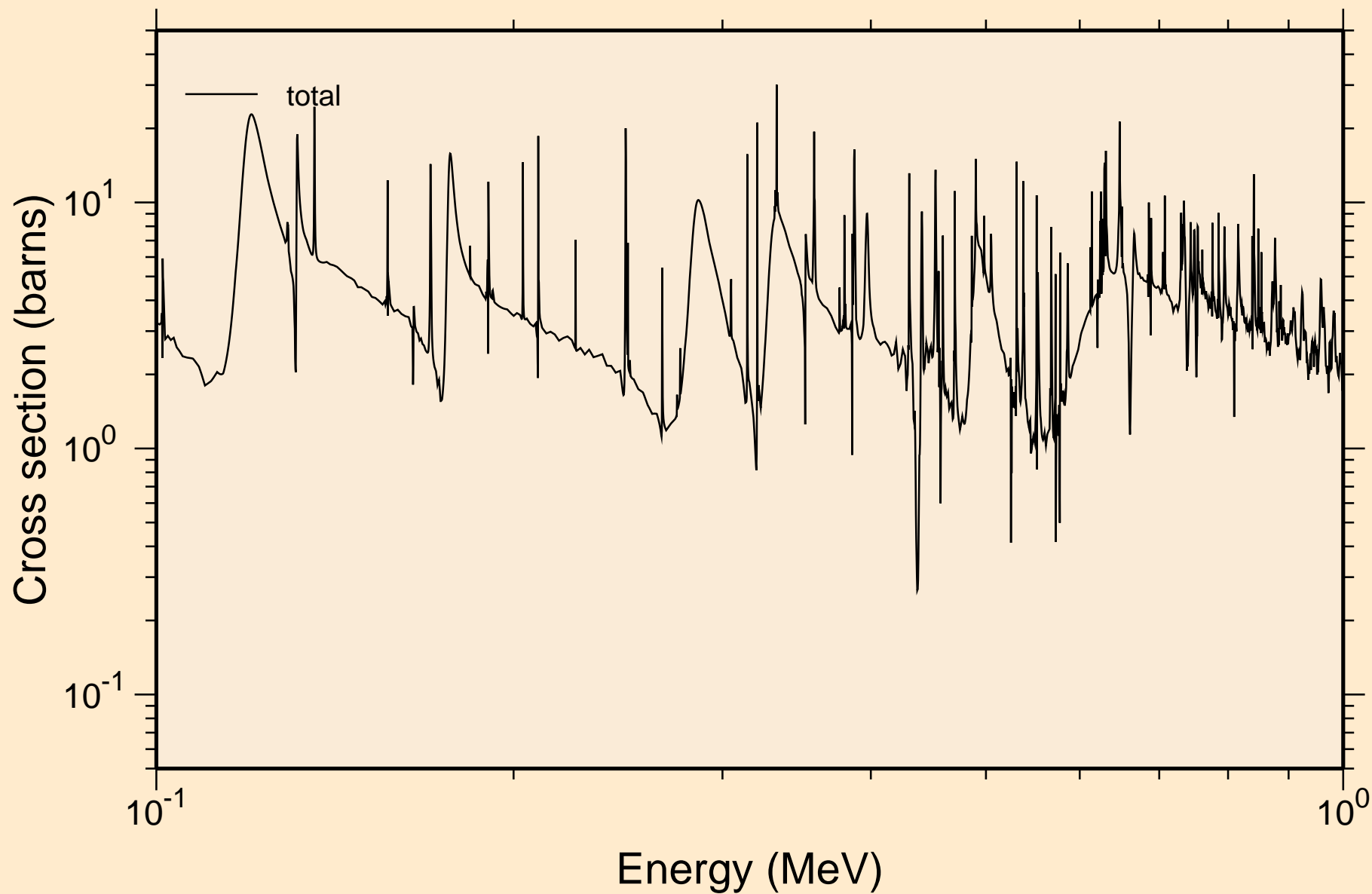
## Principal cross sections



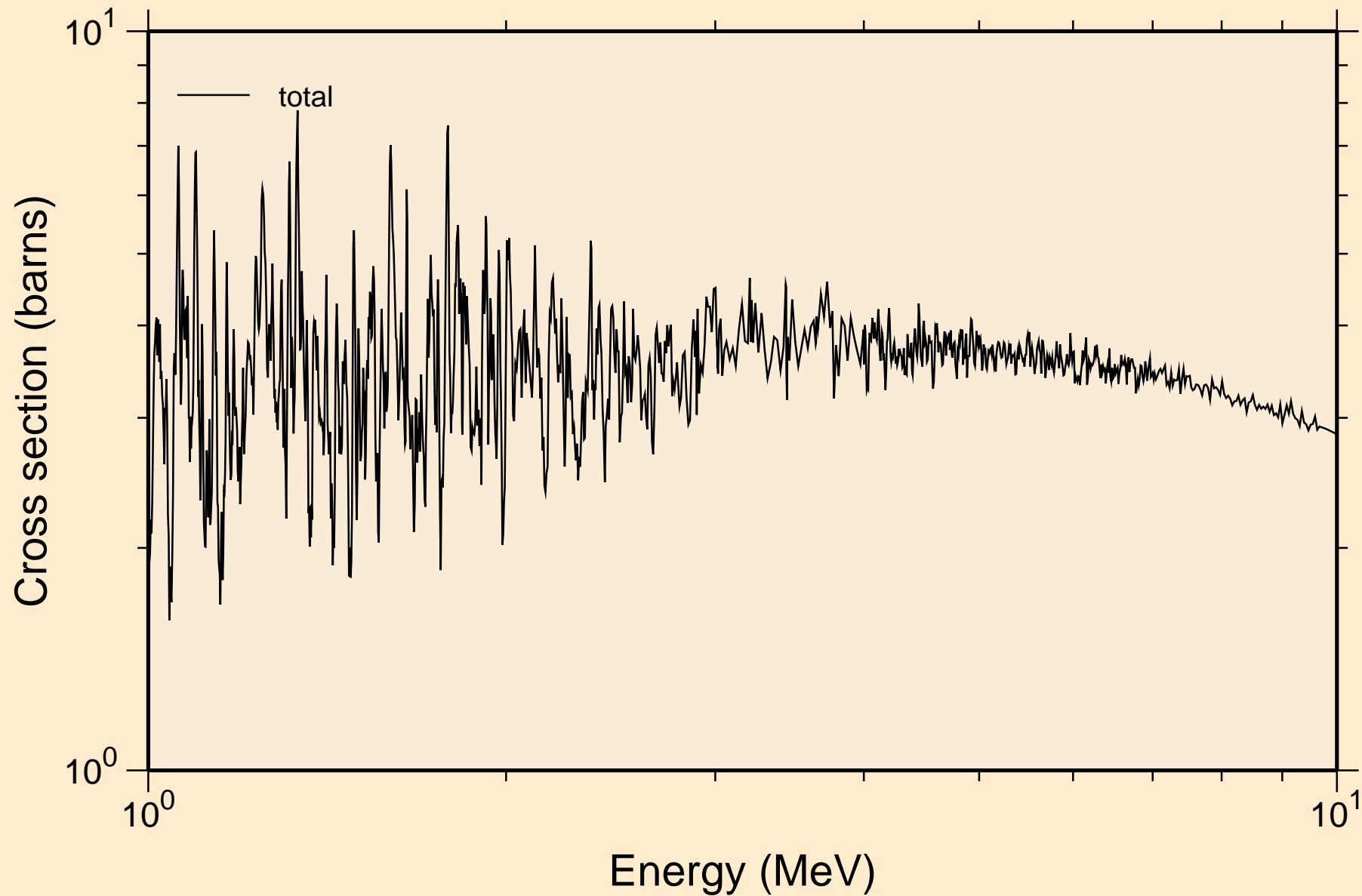
JEFF-3.0 CR-54  
resonance total cross section



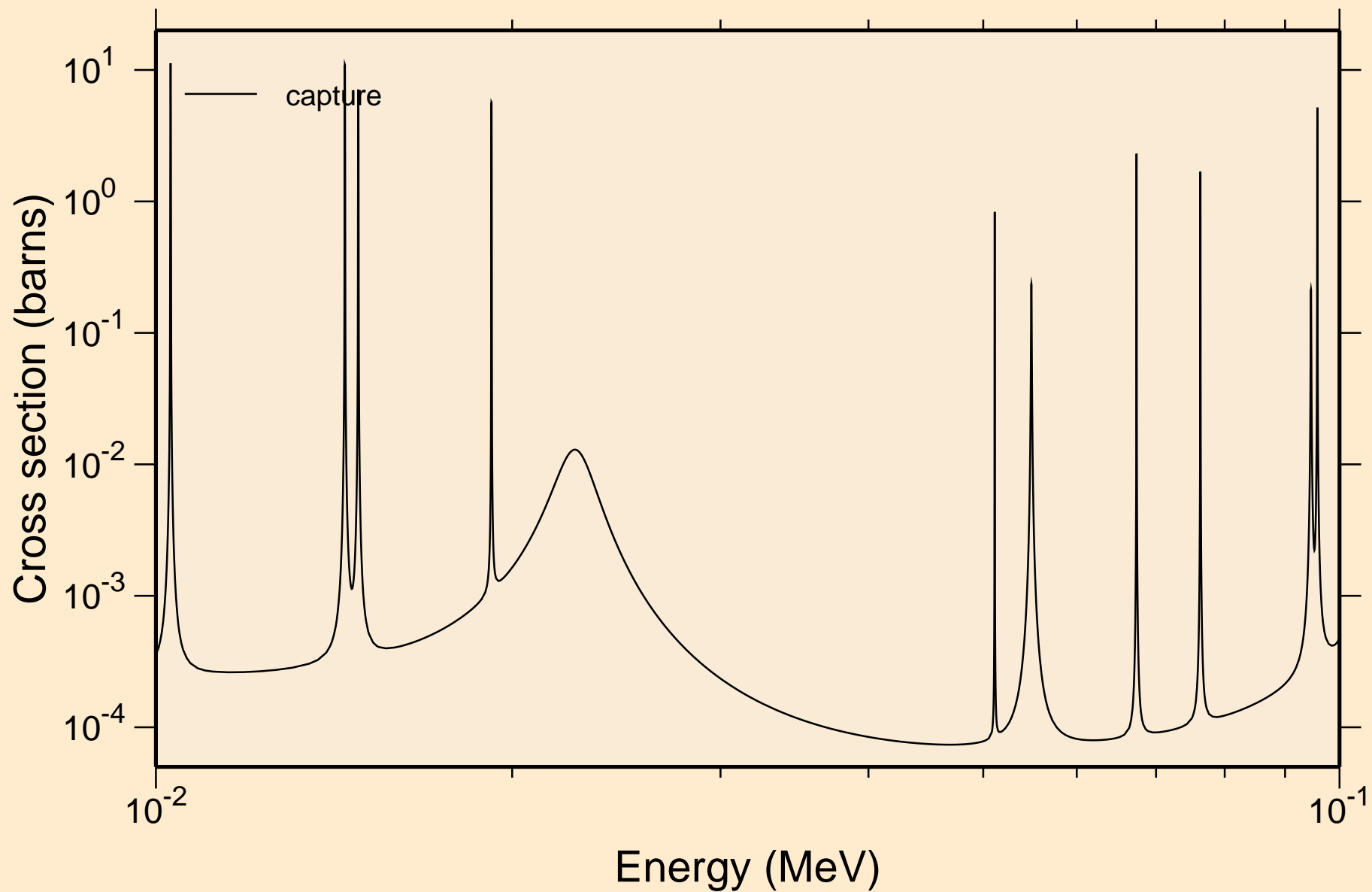
JEFF-3.0 CR-54  
resonance total cross section



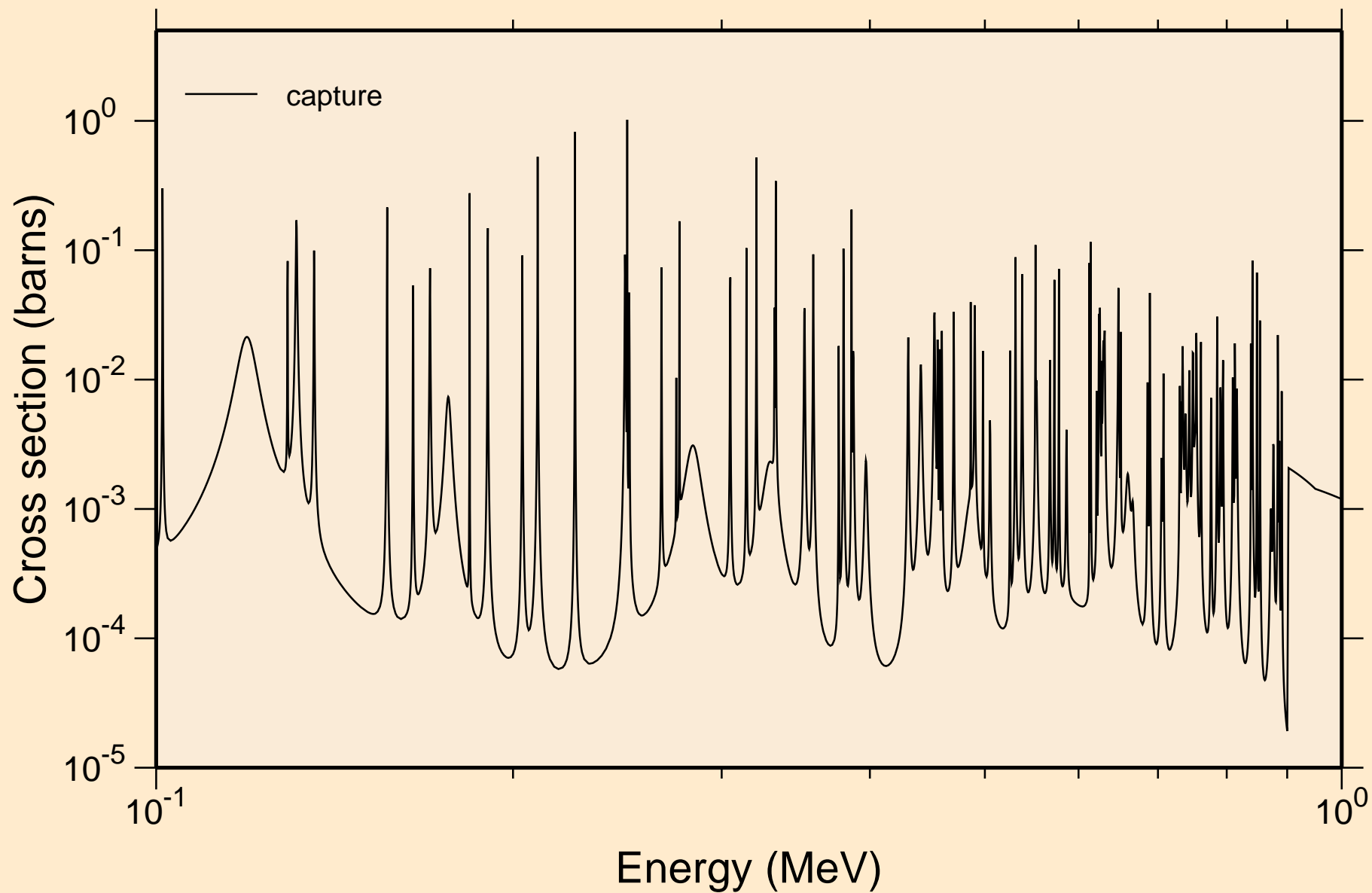
JEFF-3.0 CR-54  
resonance total cross section



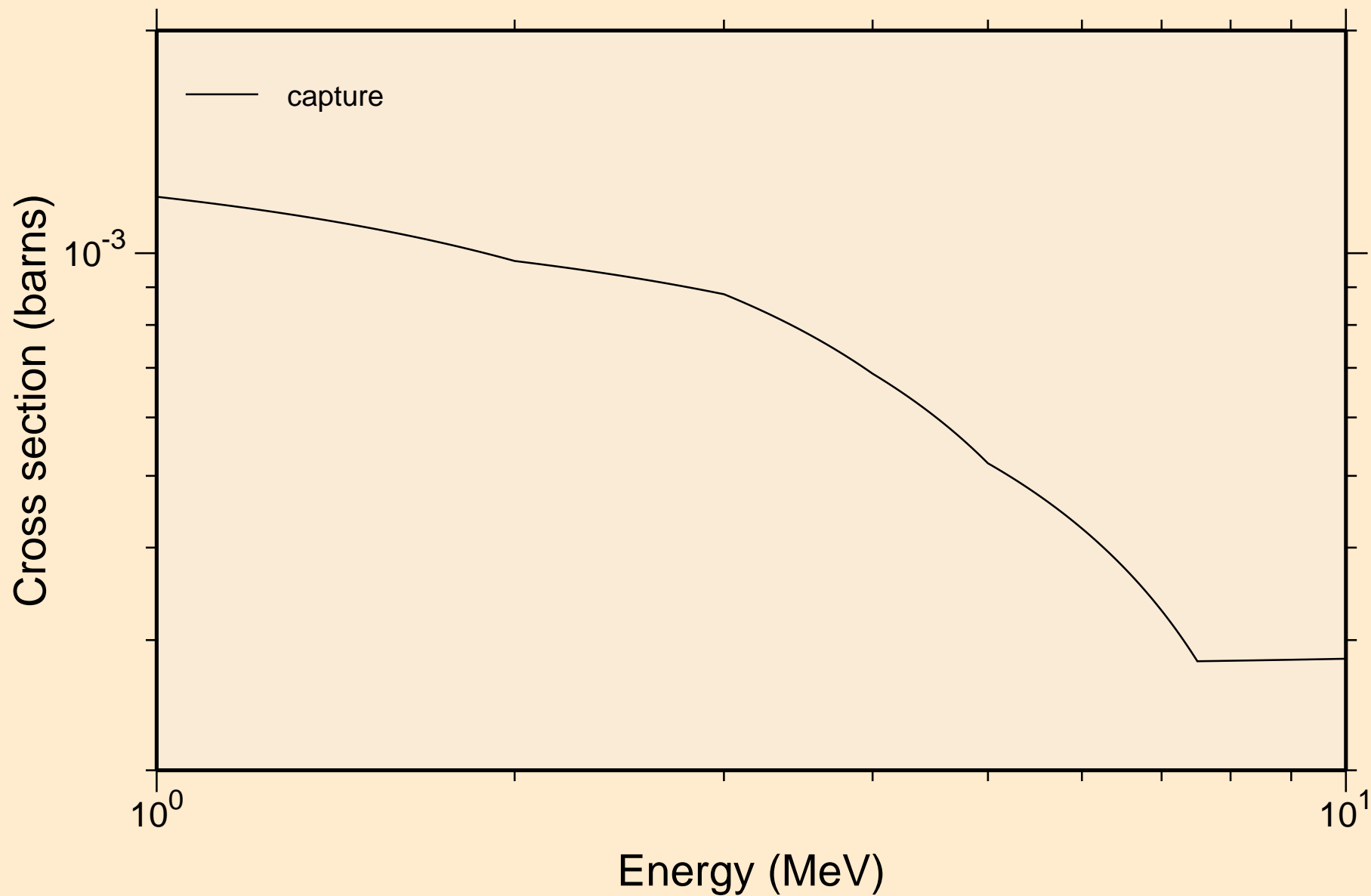
JEFF-3.0 CR-54  
resonance absorption cross sections



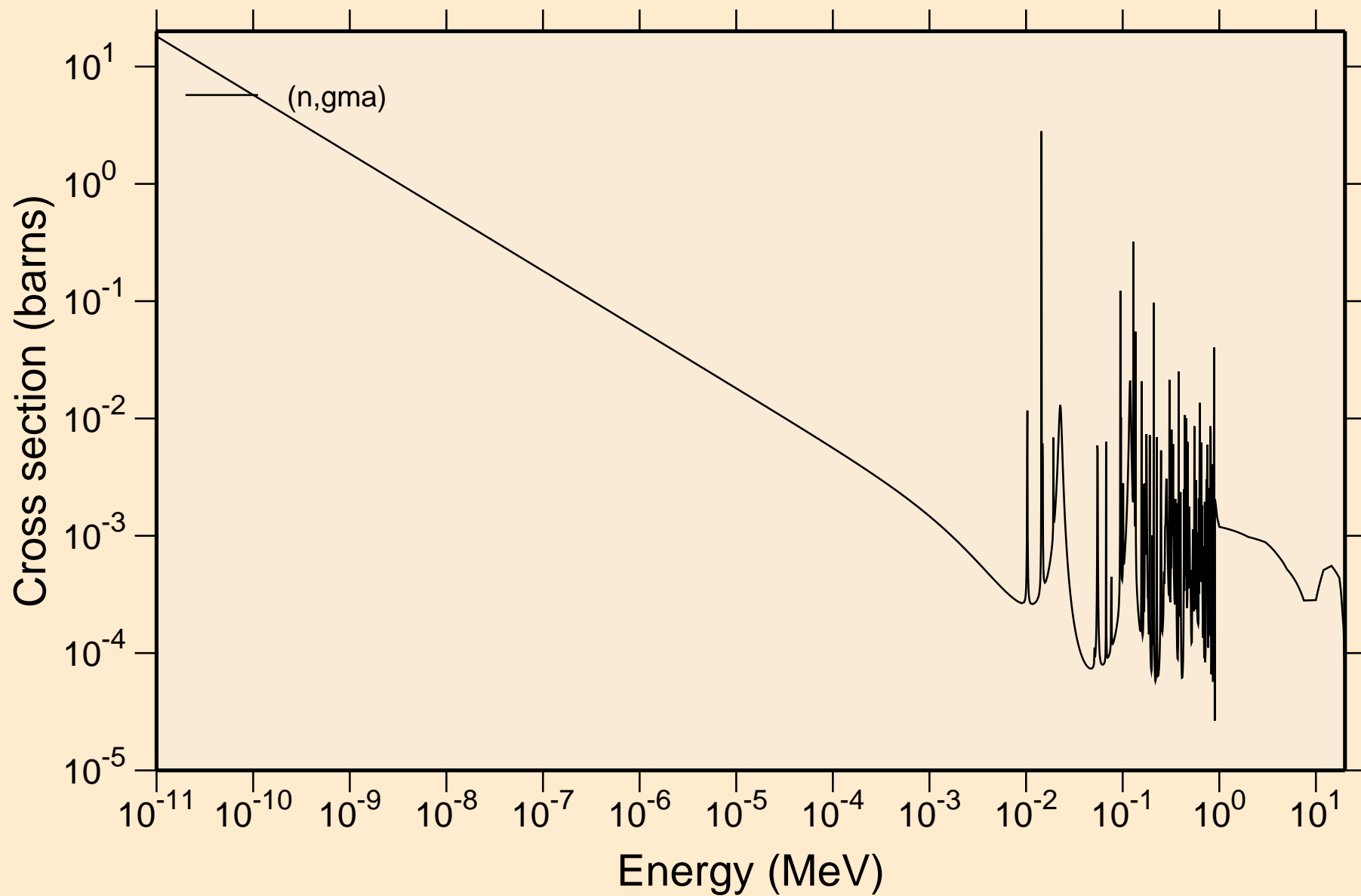
# JEFF-3.0 CR-54 resonance absorption cross sections



# JEFF-3.0 CR-54 resonance absorption cross sections



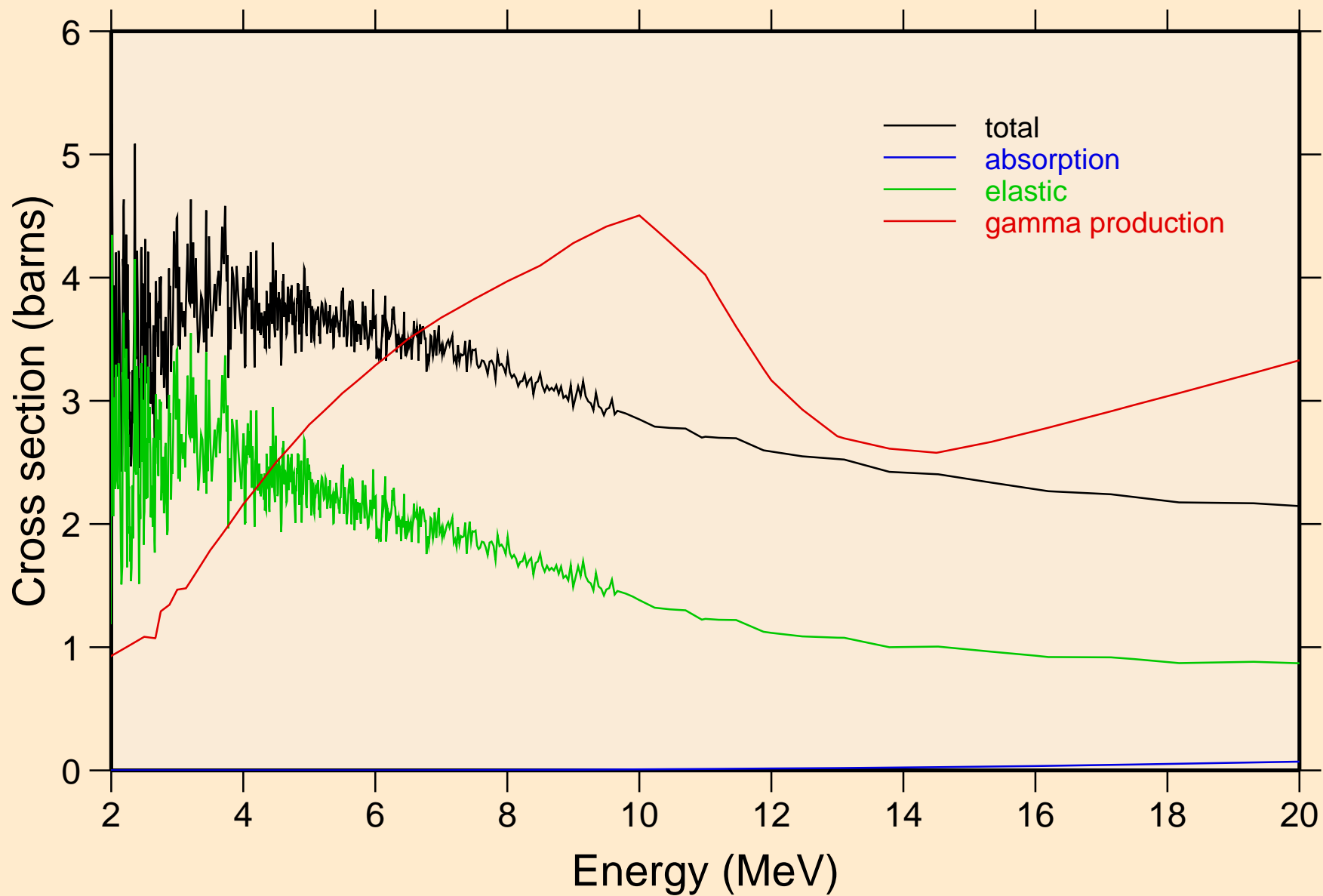
JEFF-3.0 CR-54  
Non-threshold reactions



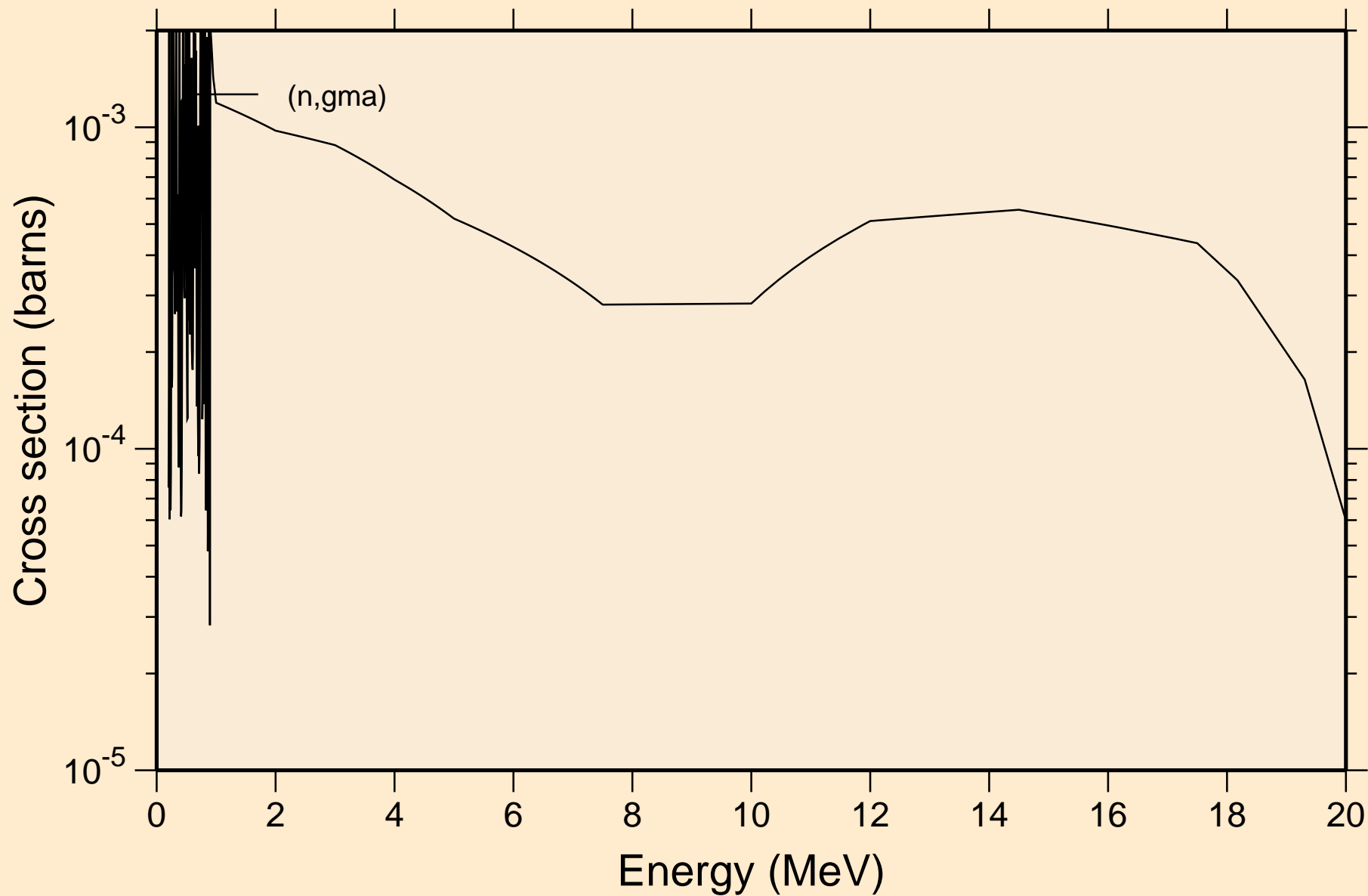


# JEFF-3.0 CR-54

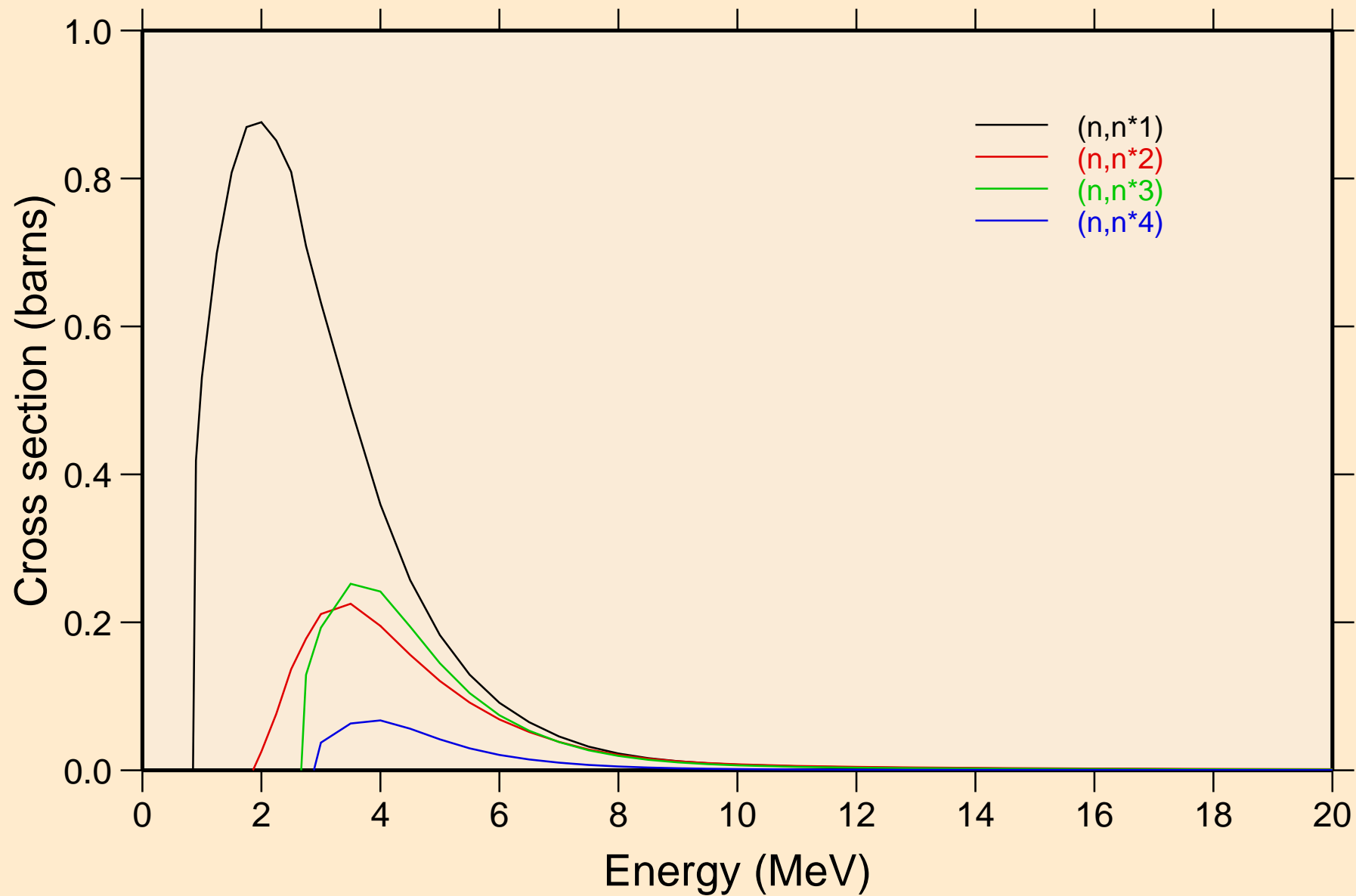
## Principal cross sections



JEFF-3.0 CR-54  
Non-threshold reactions

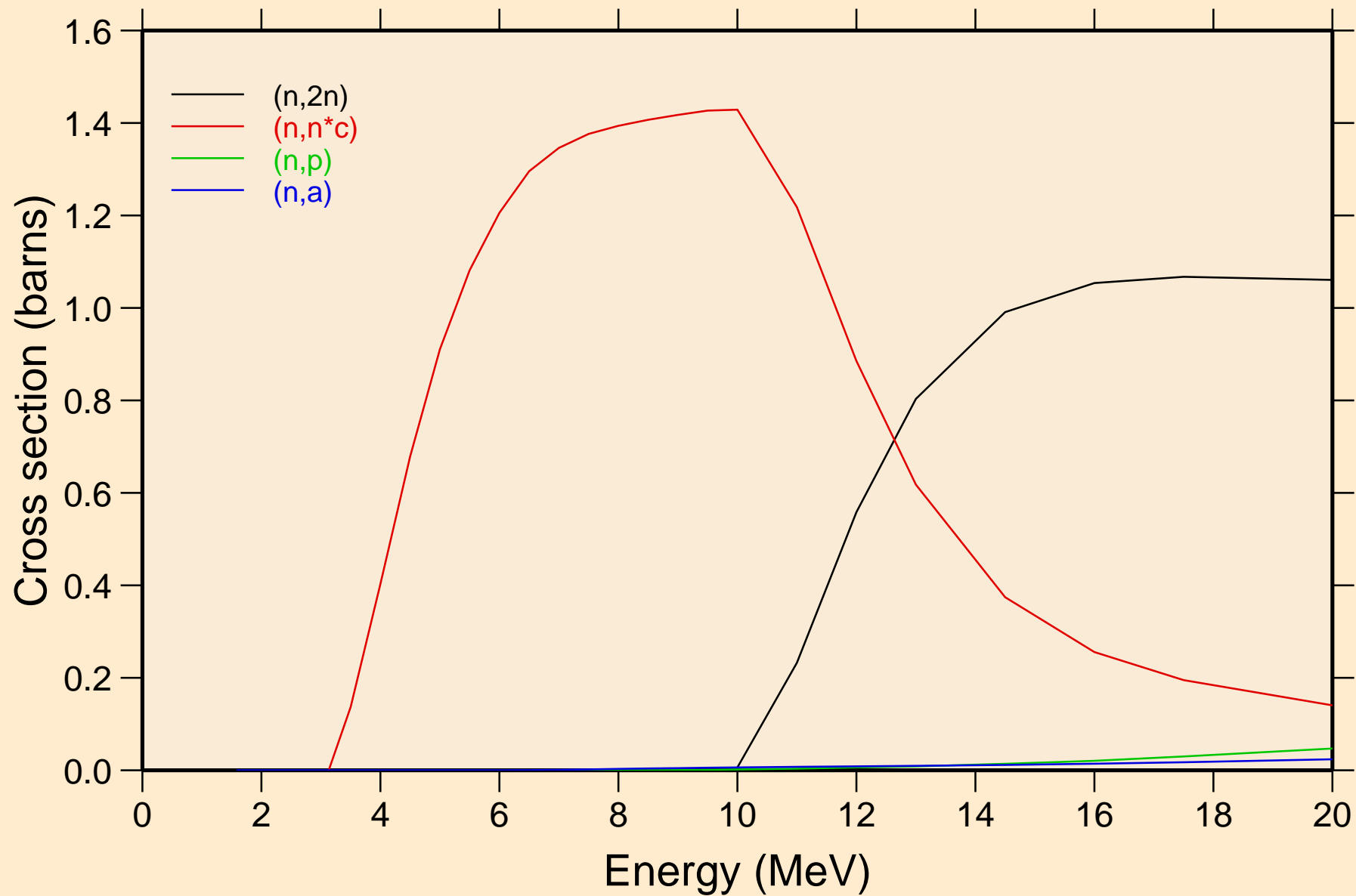


# JEFF-3.0 CR-54 Inelastic levels

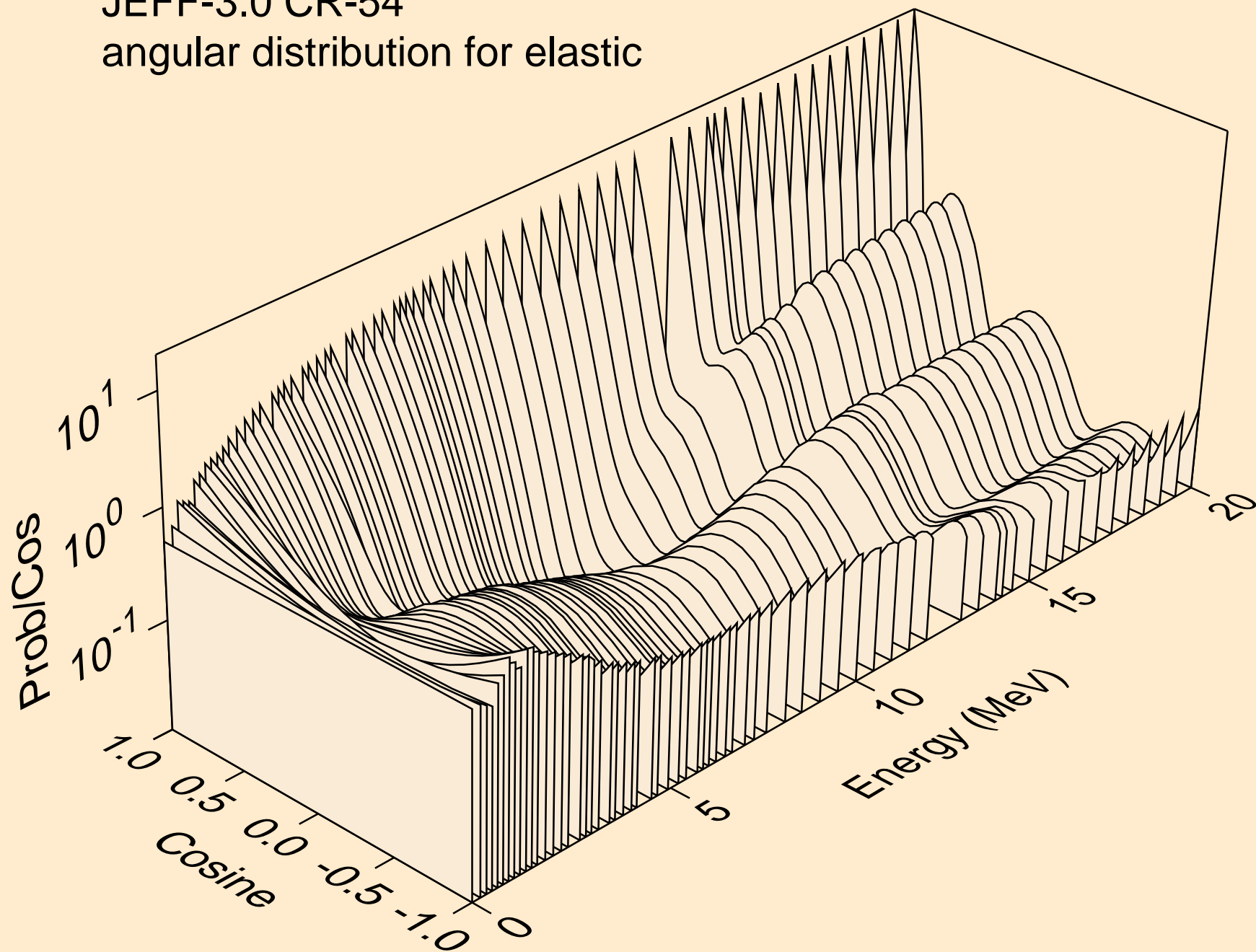


# JEFF-3.0 CR-54

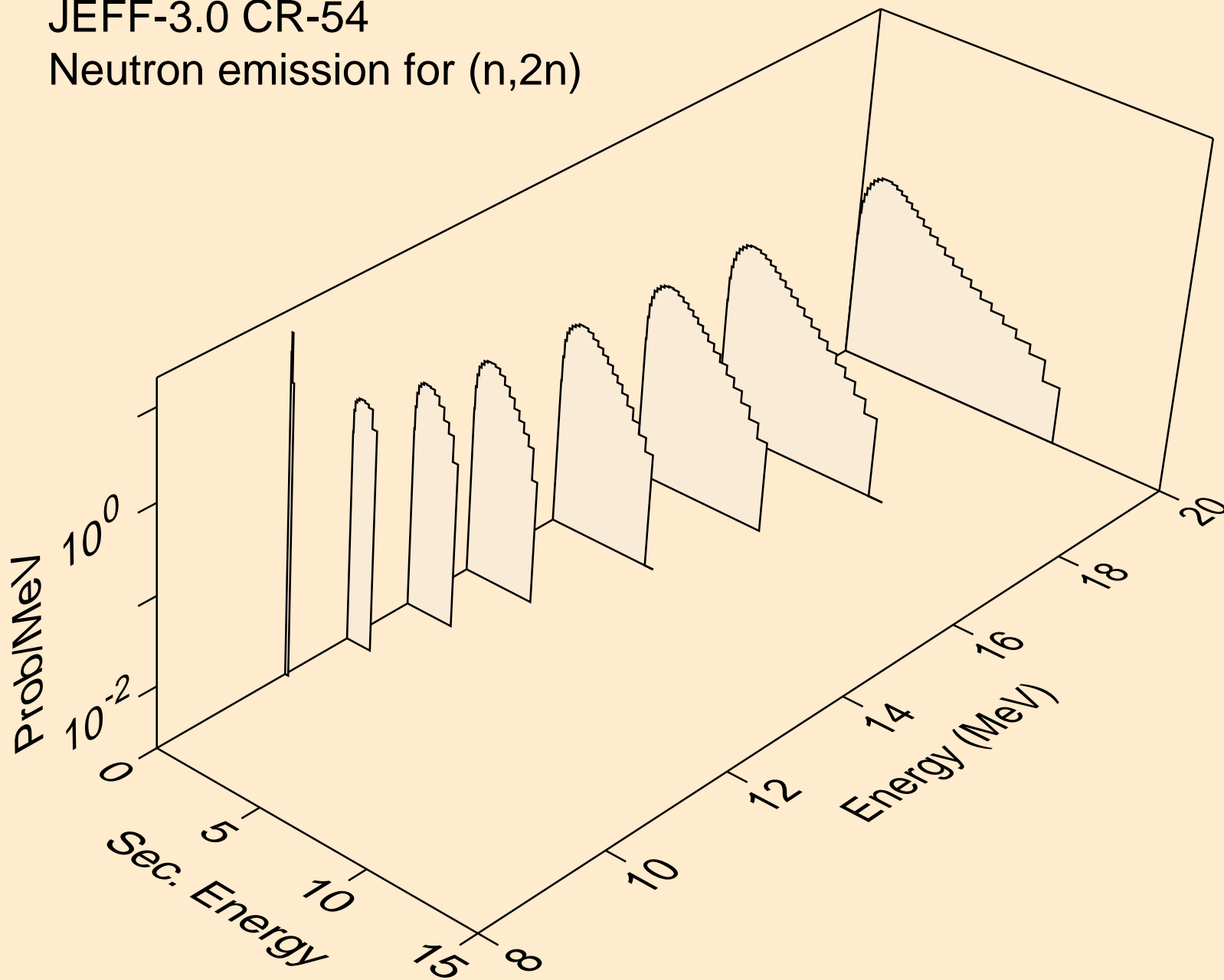
## Threshold reactions



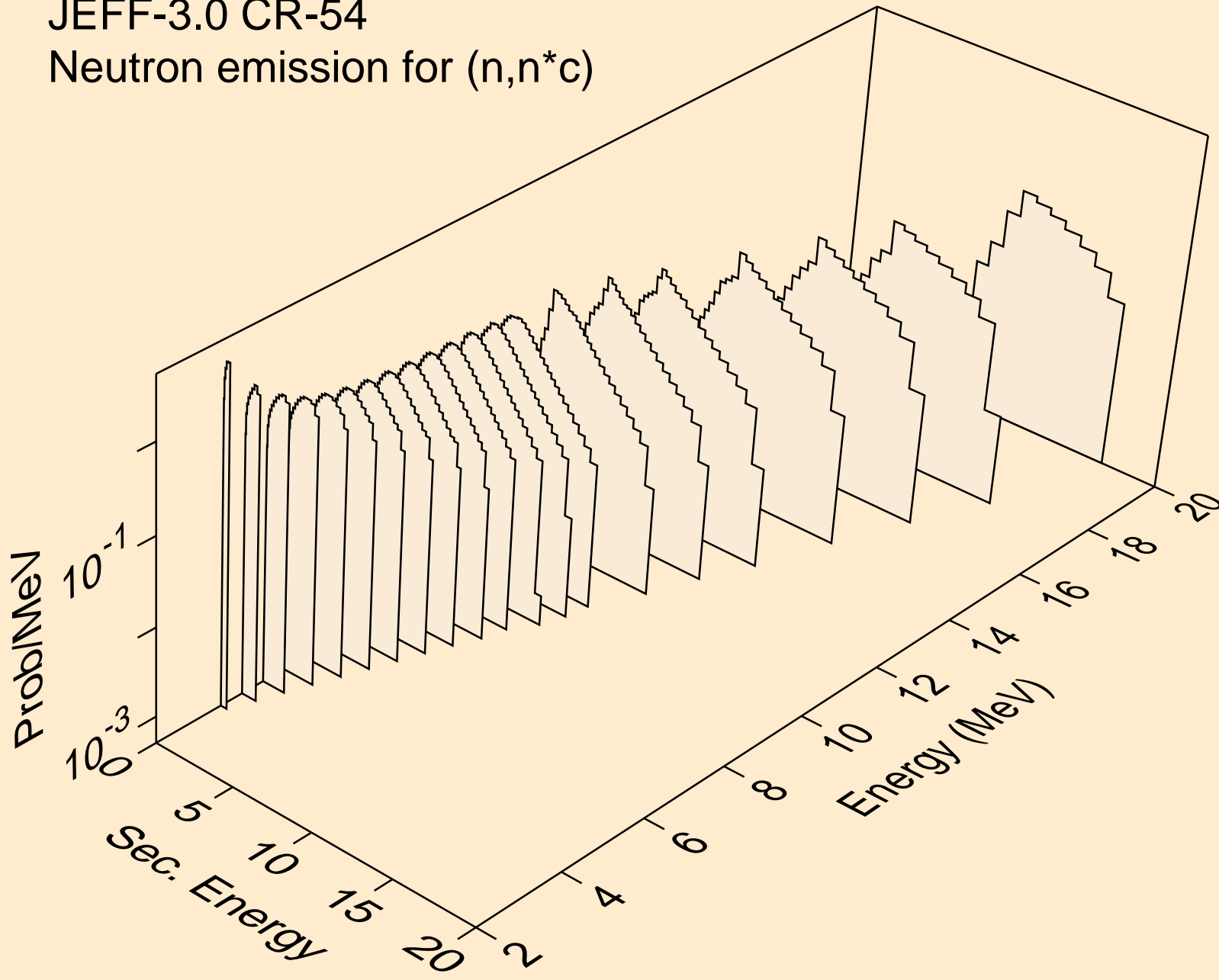
JEFF-3.0 CR-54  
angular distribution for elastic



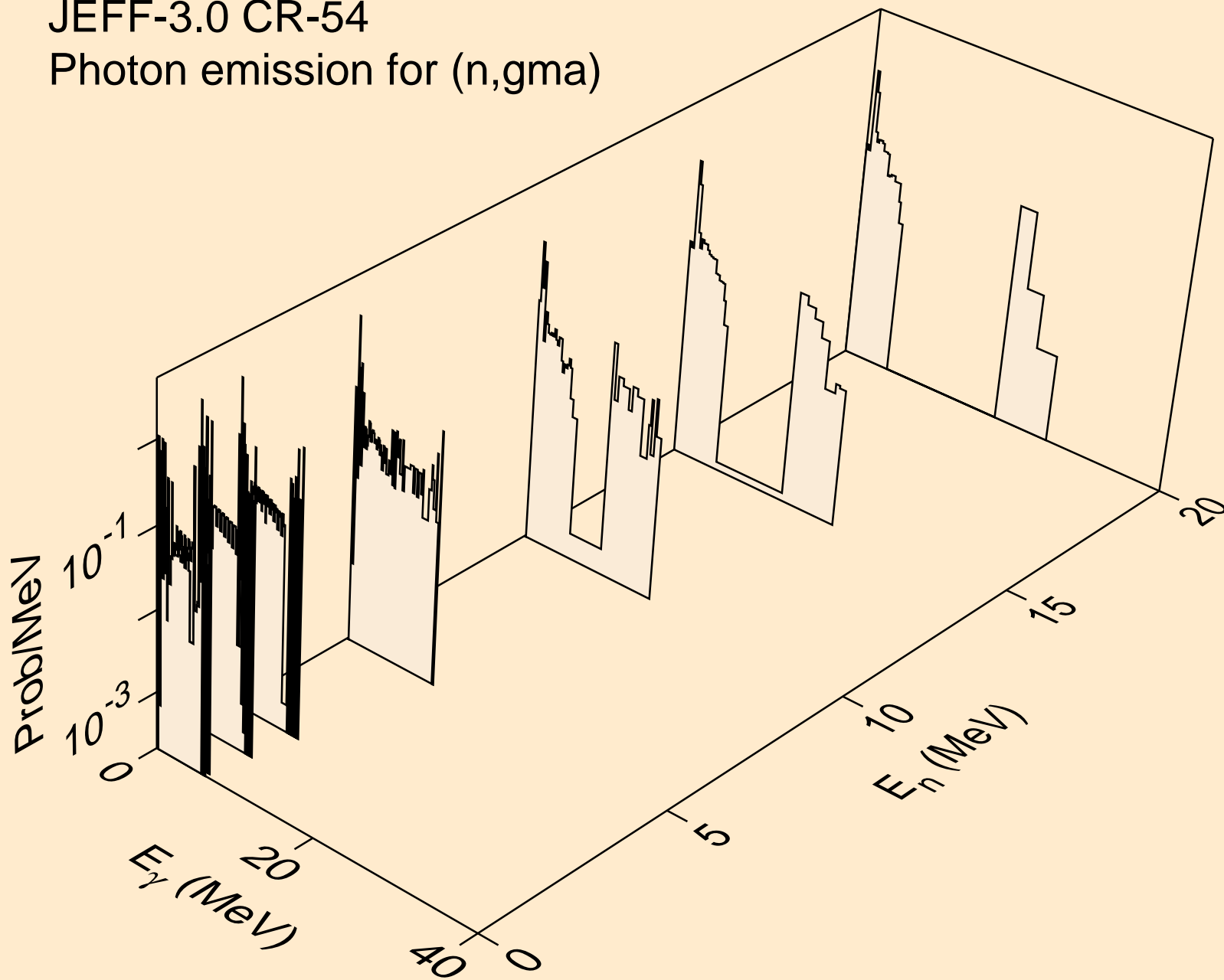
JEFF-3.0 CR-54  
Neutron emission for (n,2n)



JEFF-3.0 CR-54  
Neutron emission for (n,n\*c)

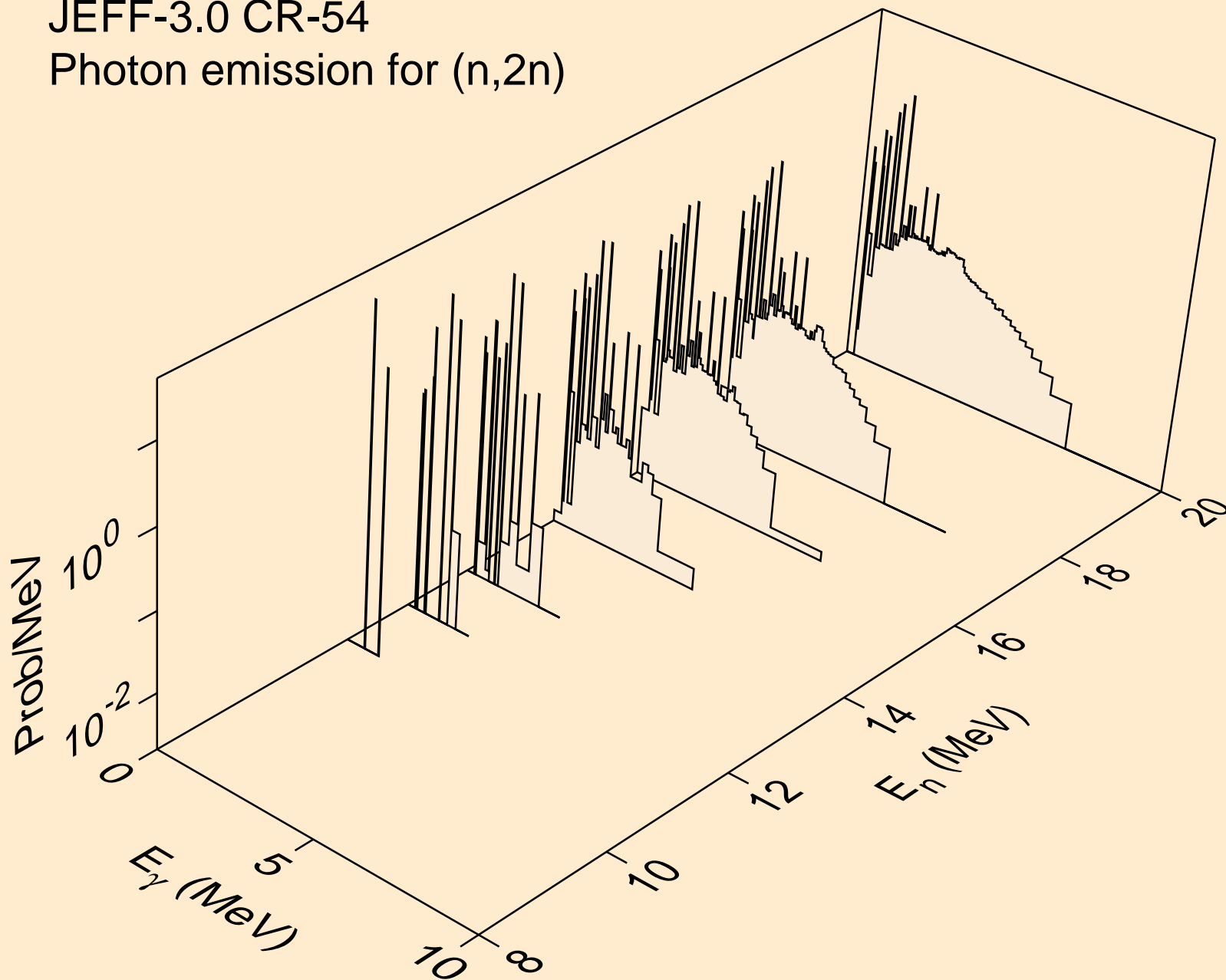


JEFF-3.0 CR-54  
Photon emission for (n,gma)

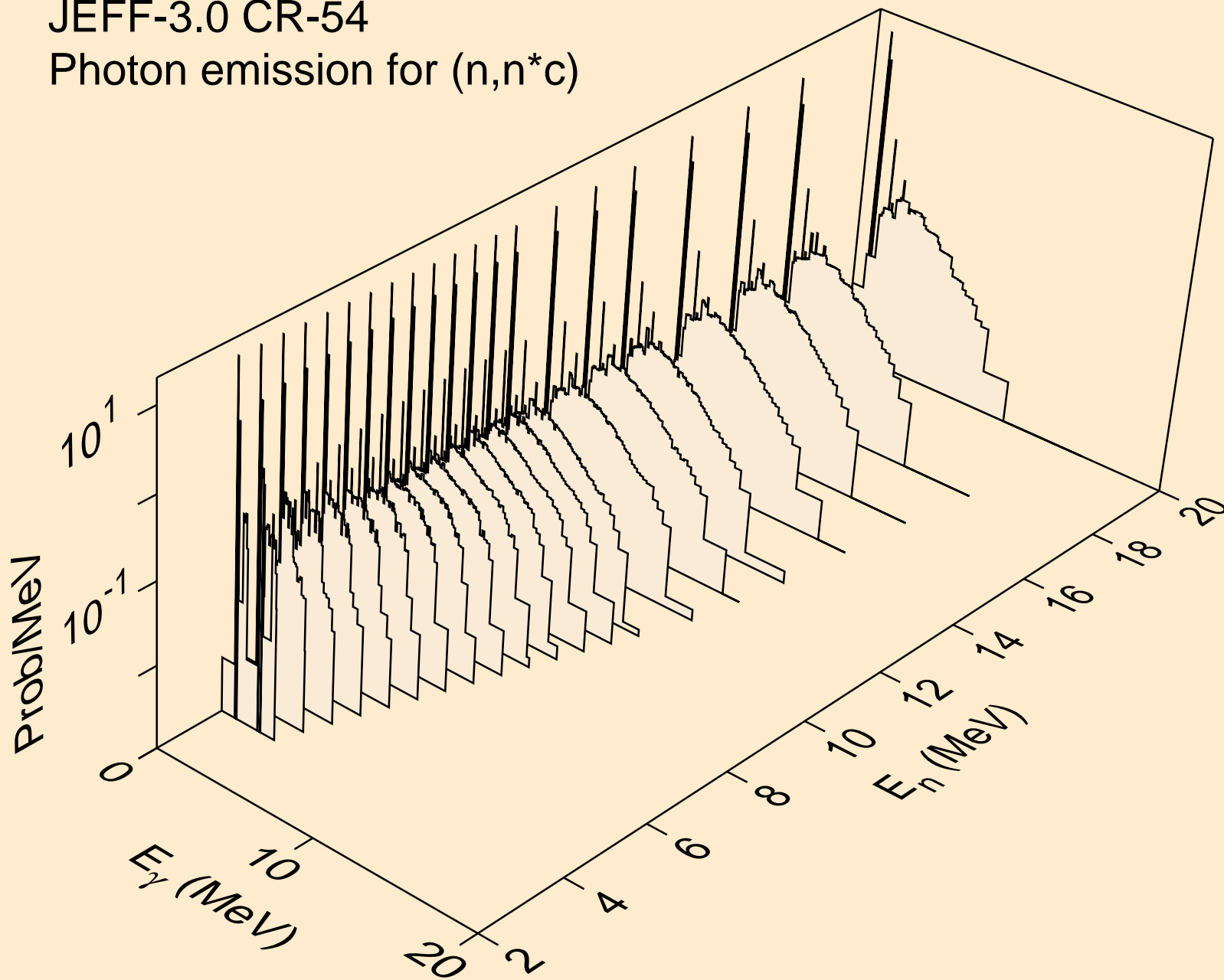




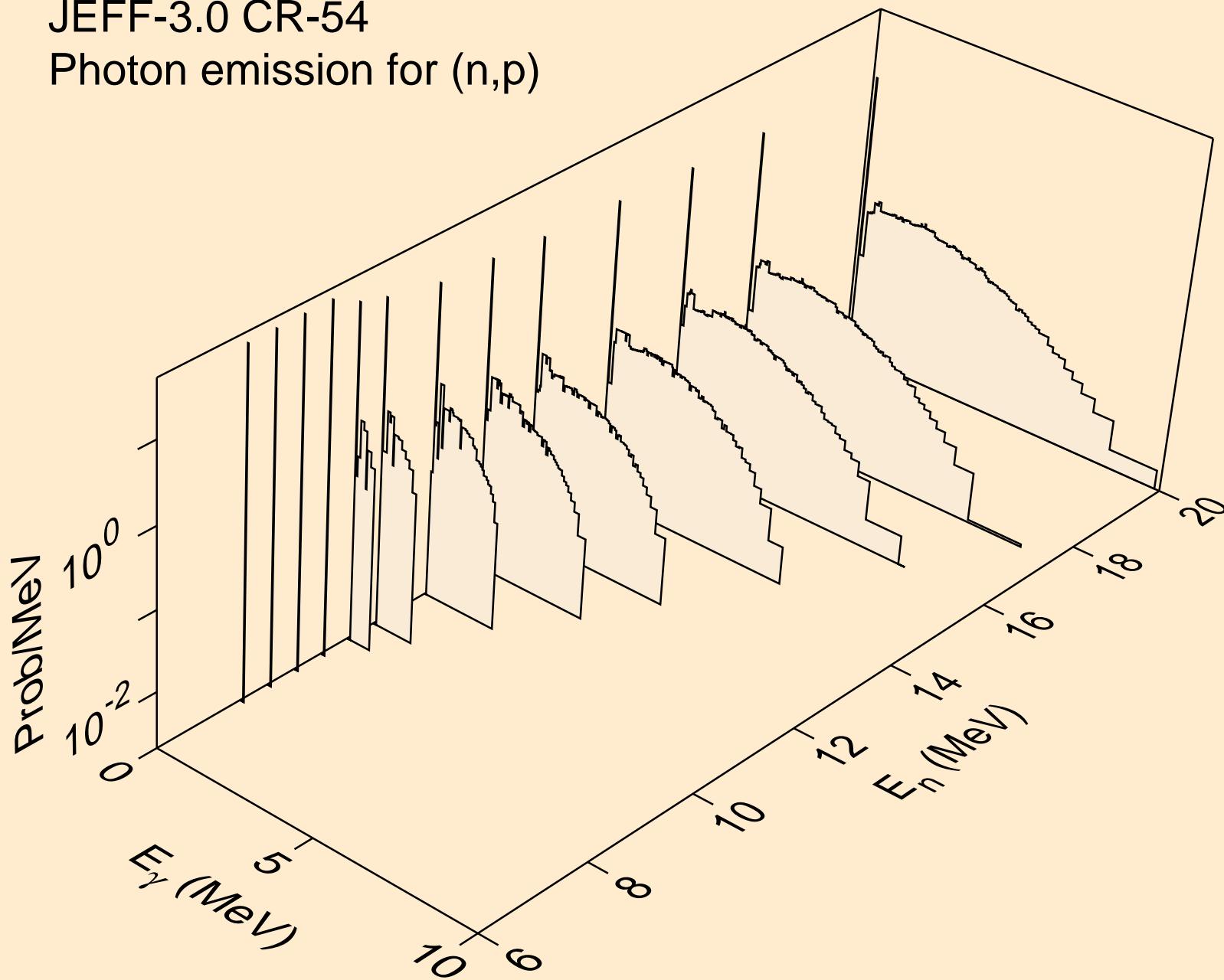
JEFF-3.0 CR-54  
Photon emission for (n,2n)



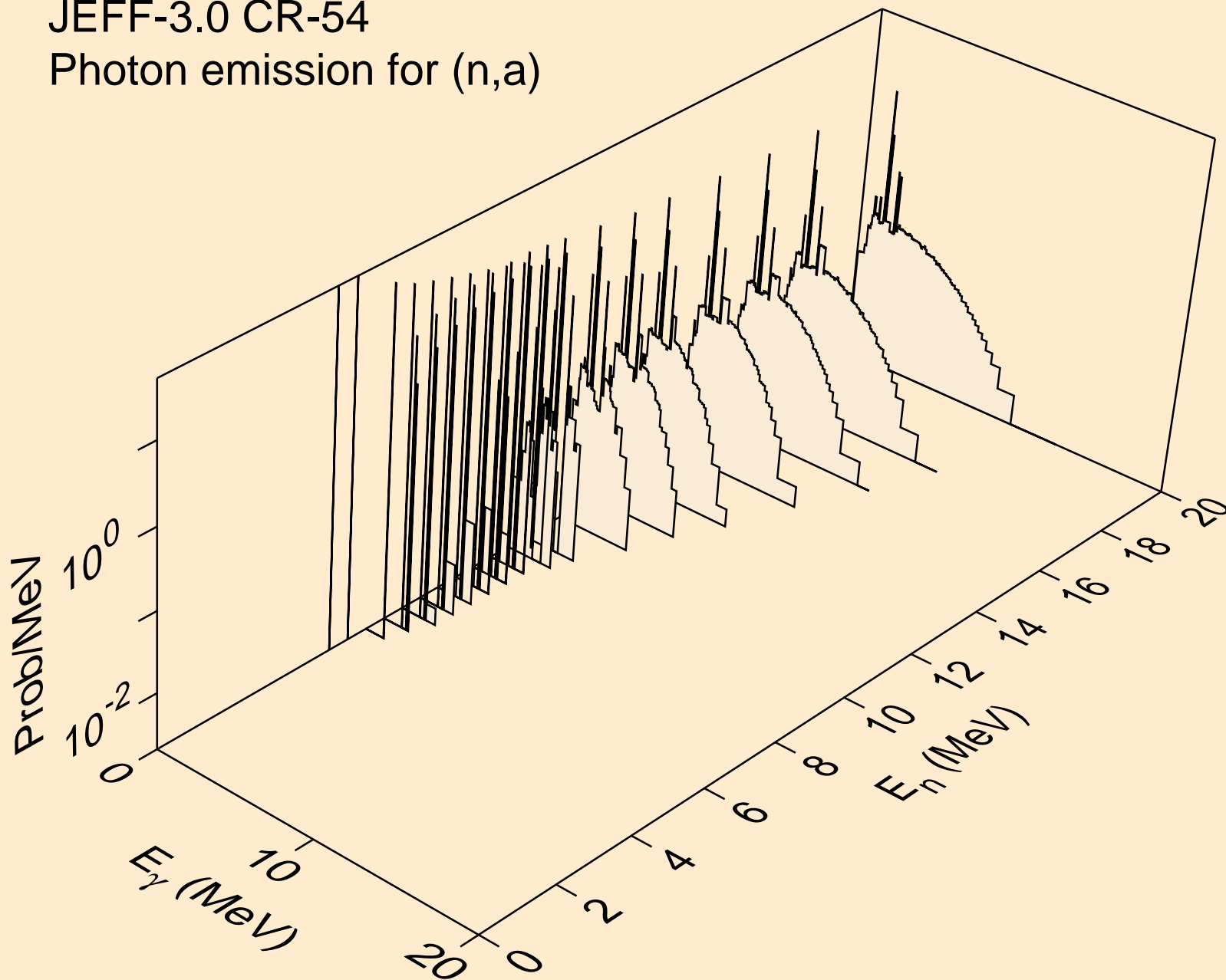
JEFF-3.0 CR-54  
Photon emission for (n,n\*c)



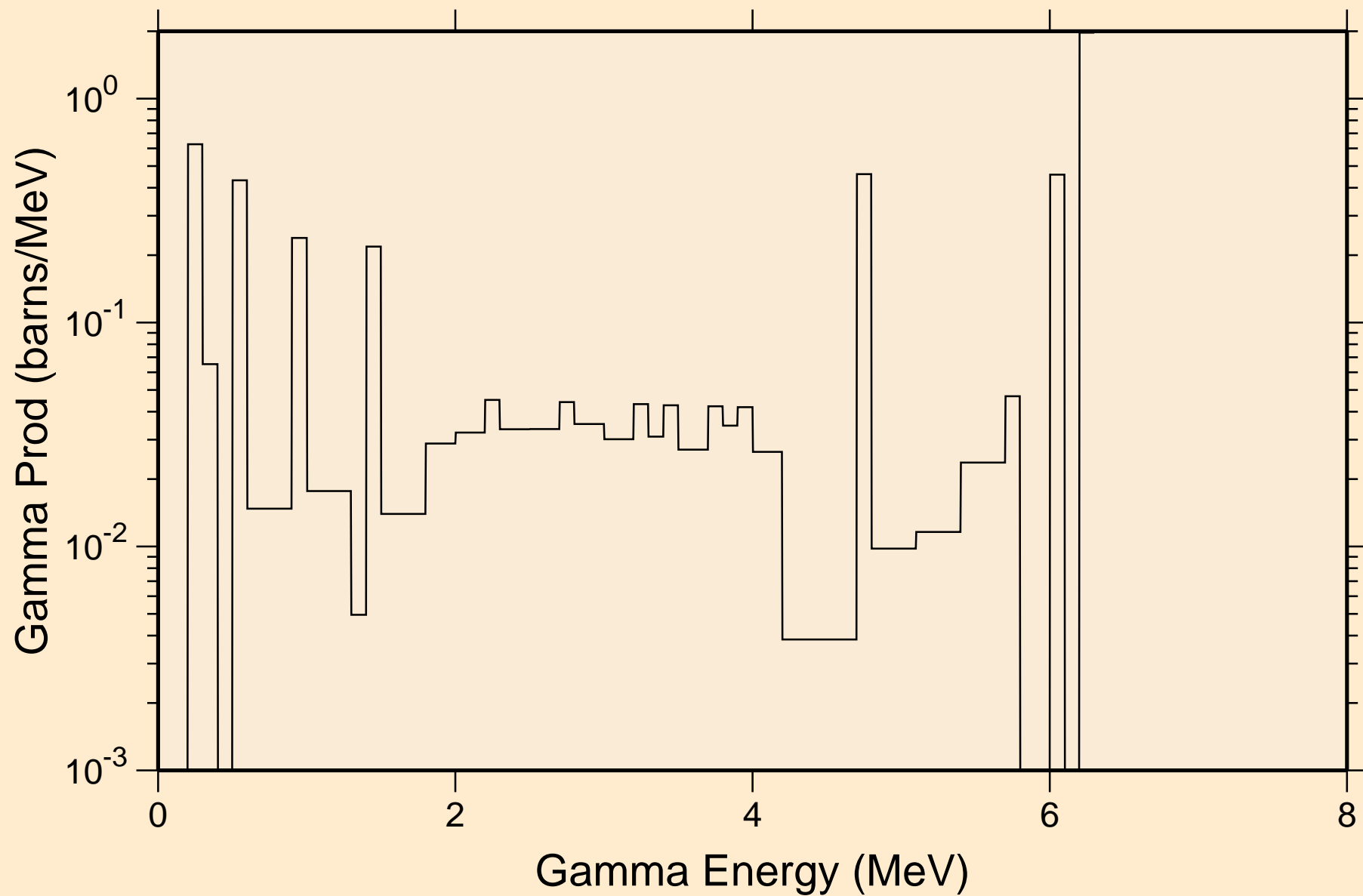
JEFF-3.0 CR-54  
Photon emission for (n,p)



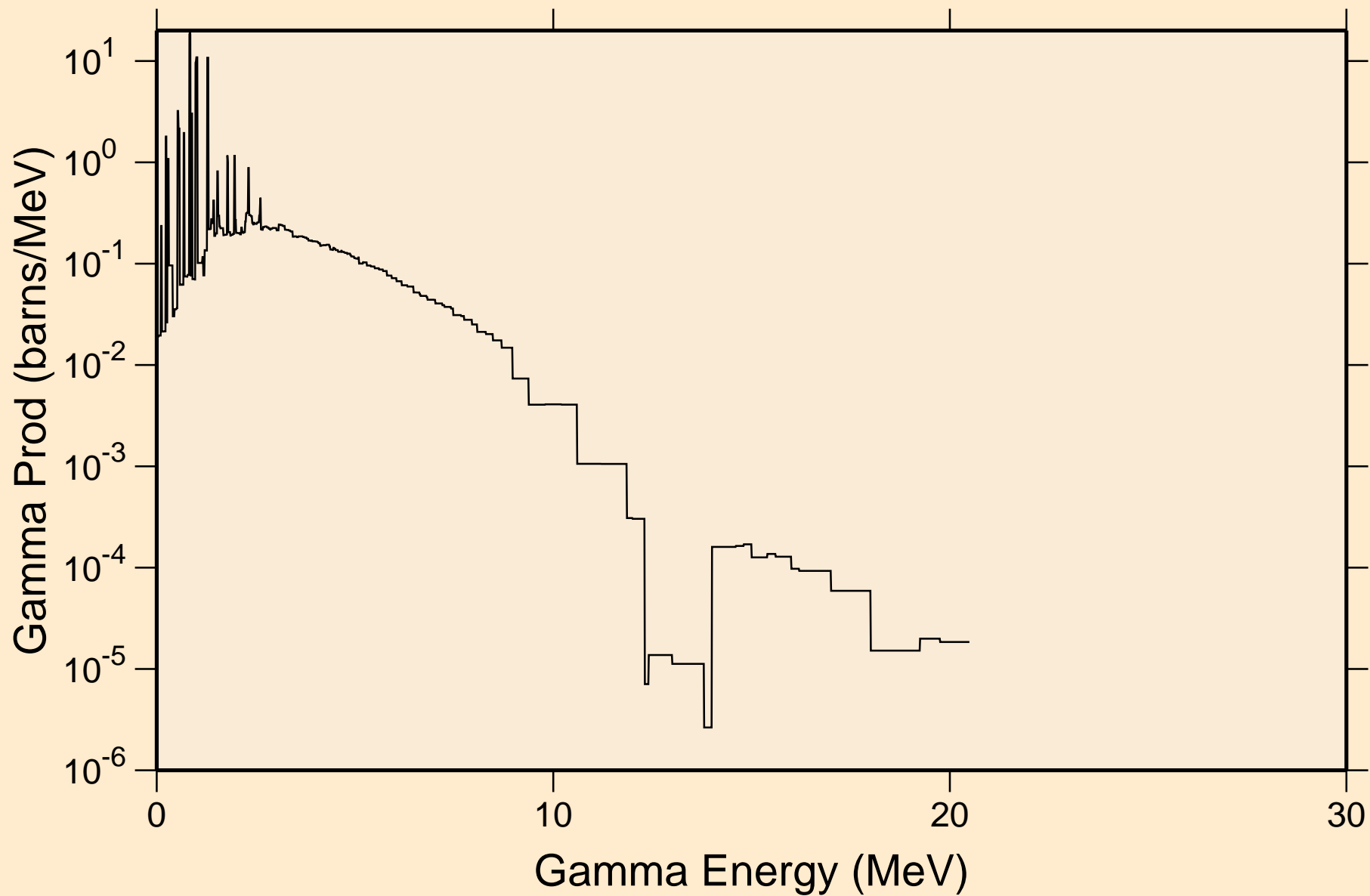
JEFF-3.0 CR-54  
Photon emission for (n,a)



JEFF-3.0 CR-54  
thermal capture photon spectrum

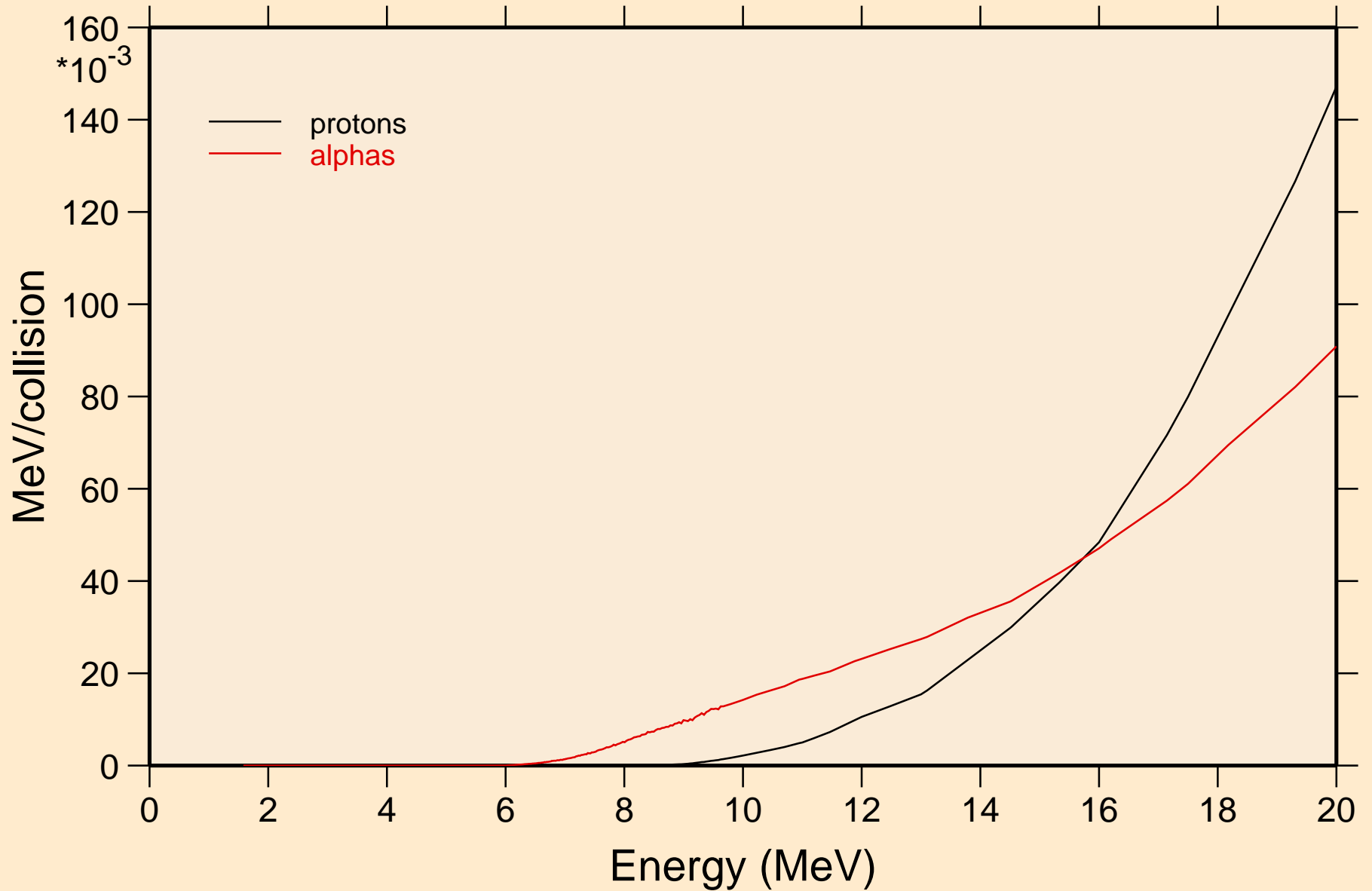


JEFF-3.0 CR-54  
14 MeV photon spectrum

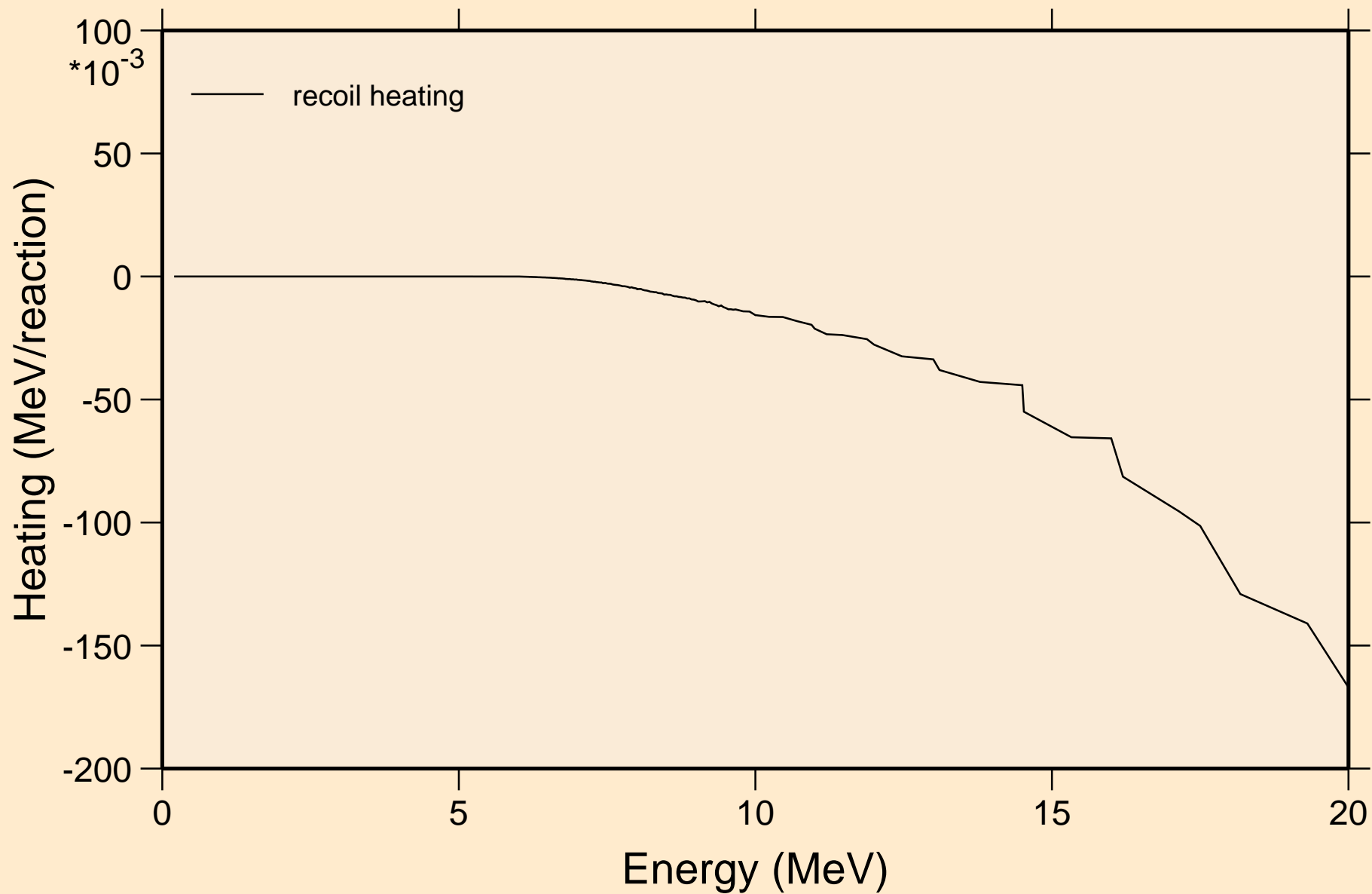


# JEFF-3.0 CR-54

## Particle heating contributions



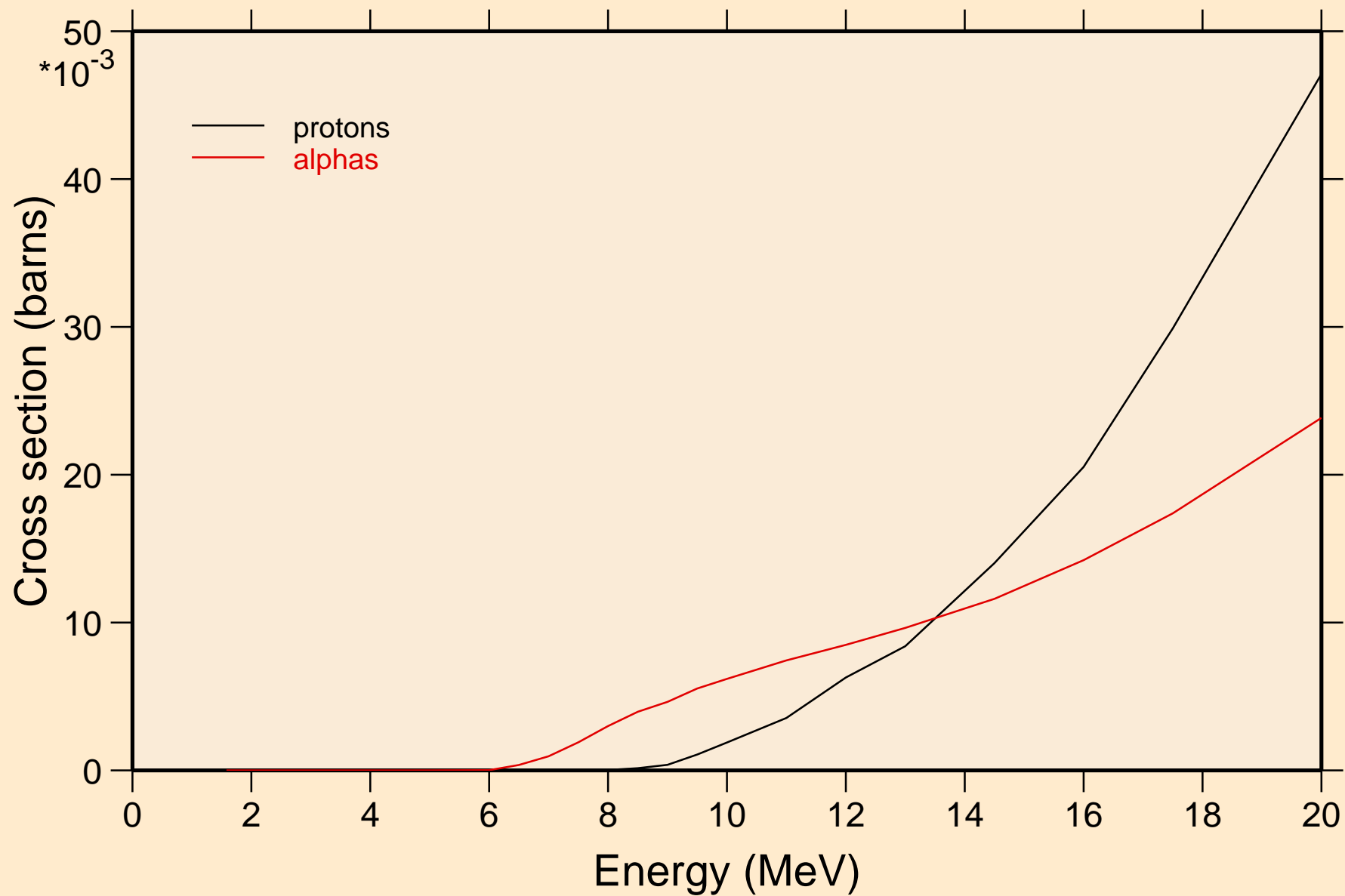
# JEFF-3.0 CR-54 Recoil Heating



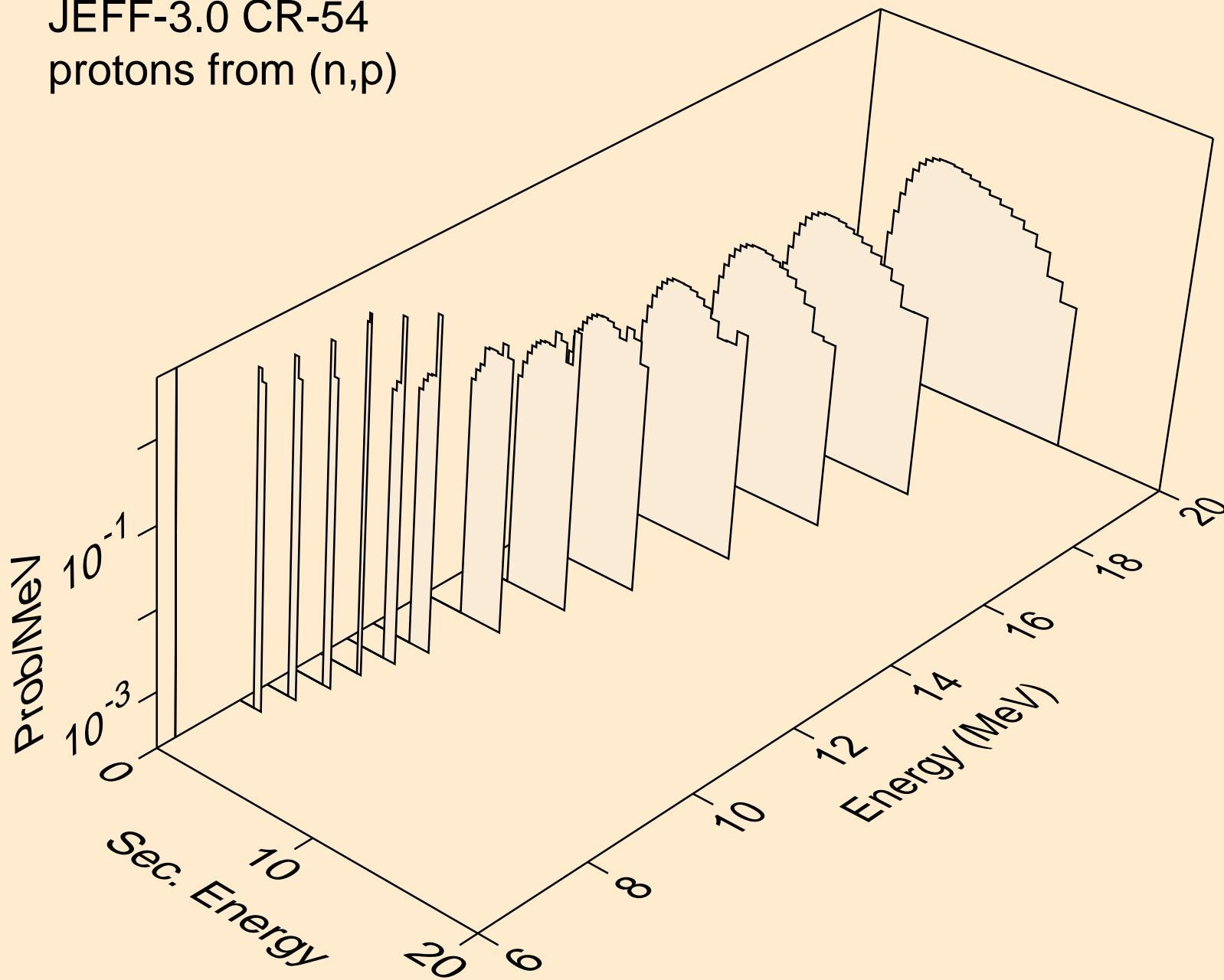


# JEFF-3.0 CR-54

## Particle production cross sections



JEFF-3.0 CR-54  
protons from (n,p)



JEFF-3.0 CR-54  
alphas from (n,a)

