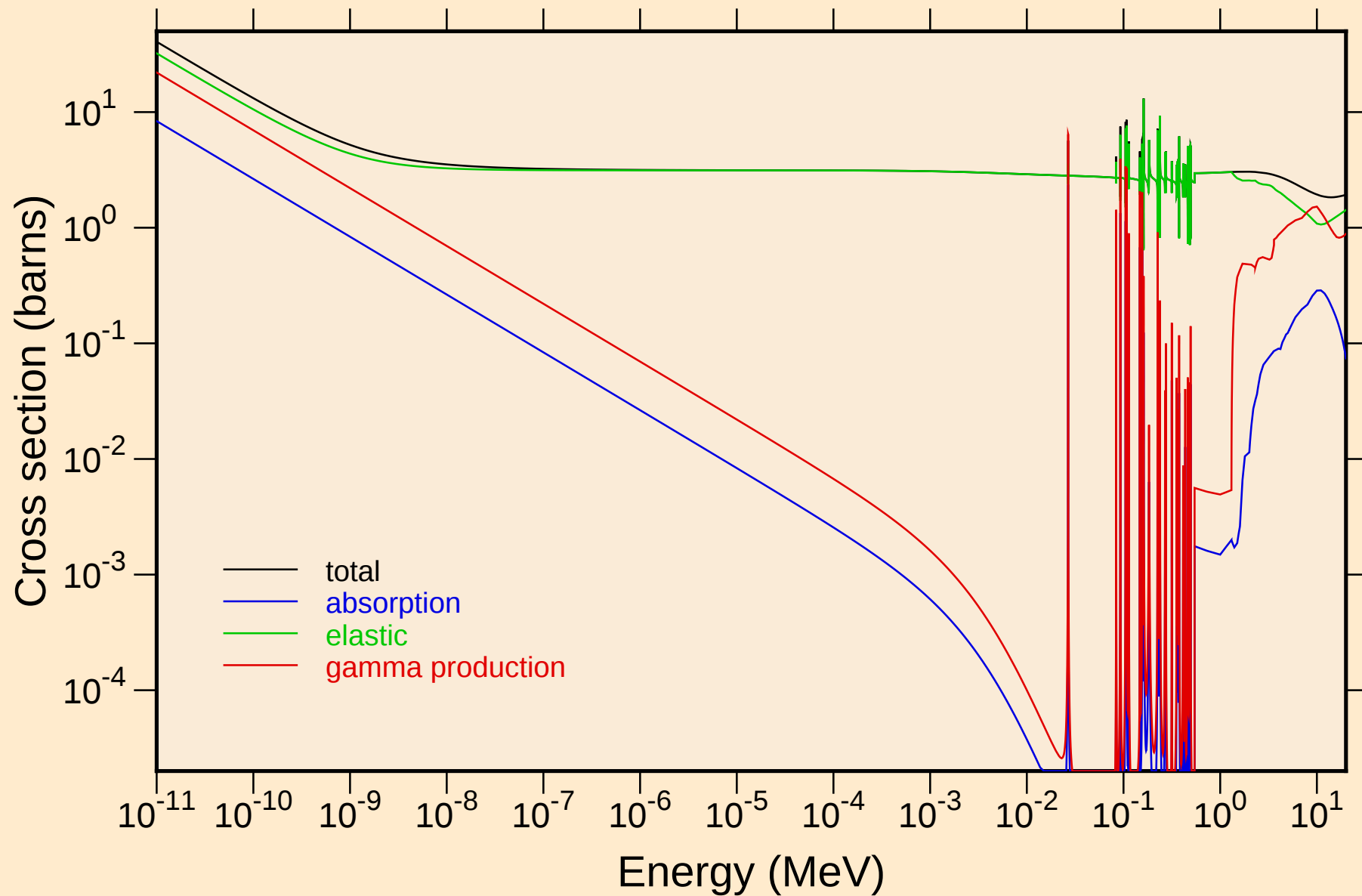
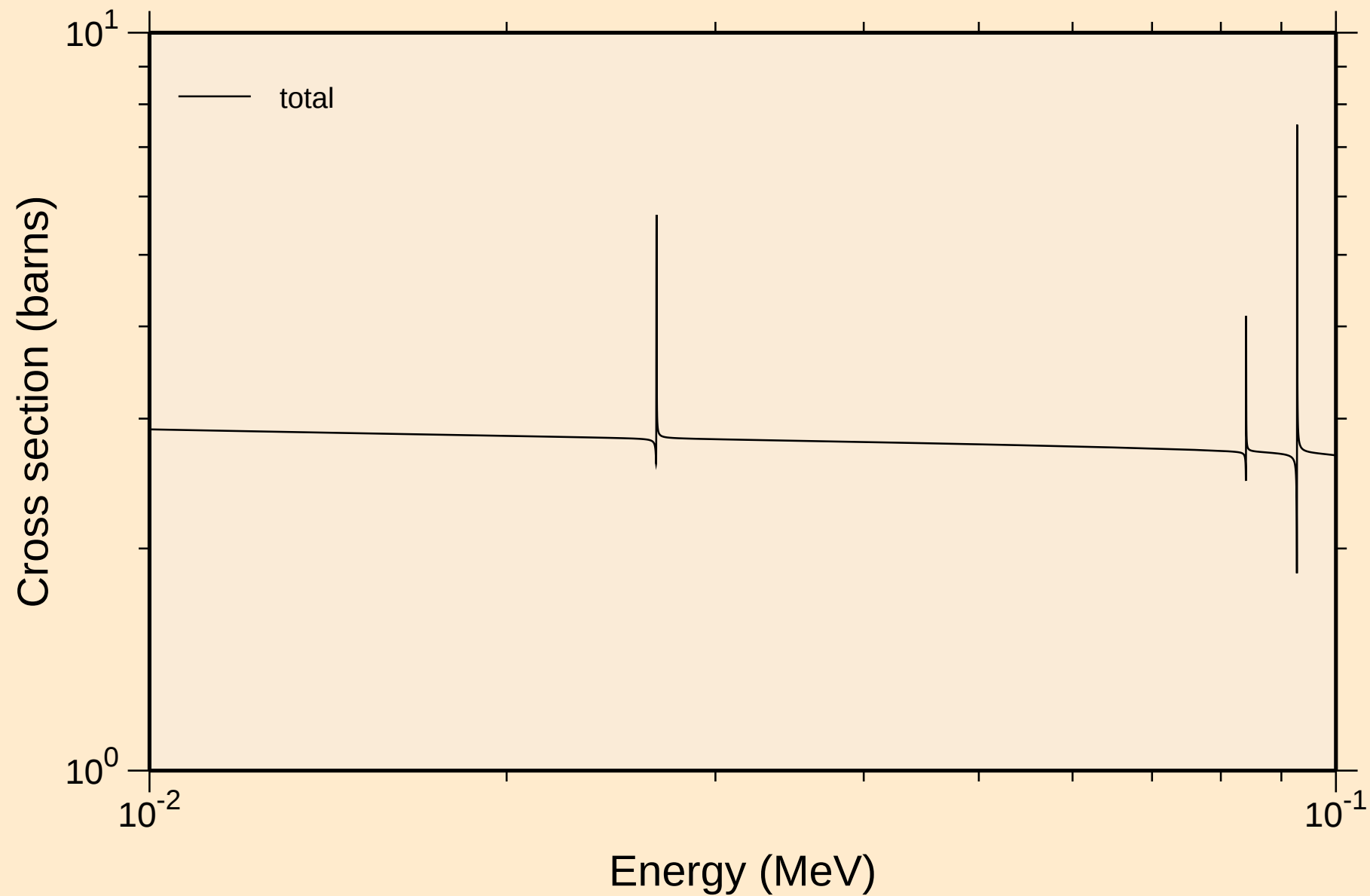


JEFF-3.1 P-31

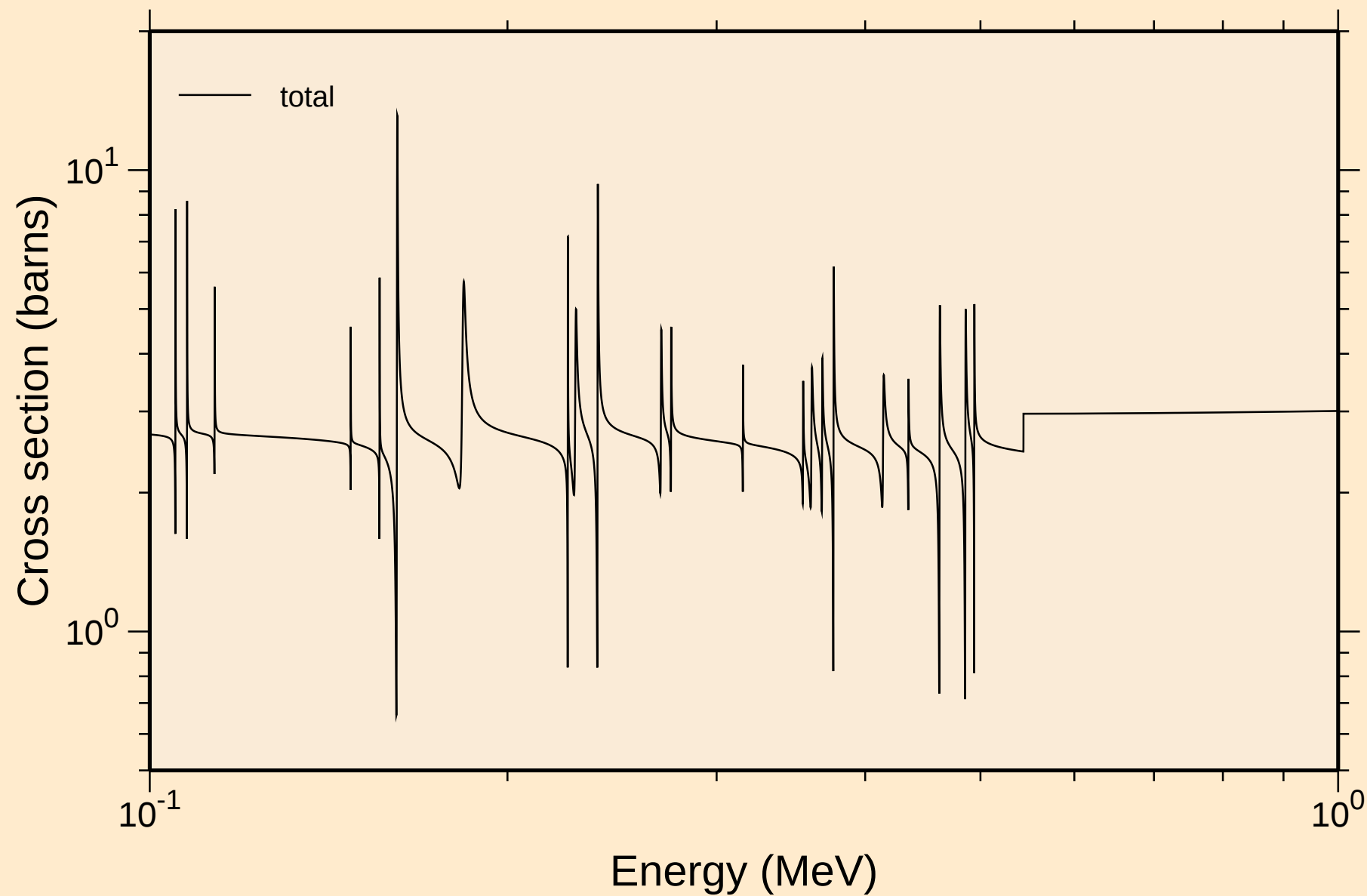
Principal cross sections



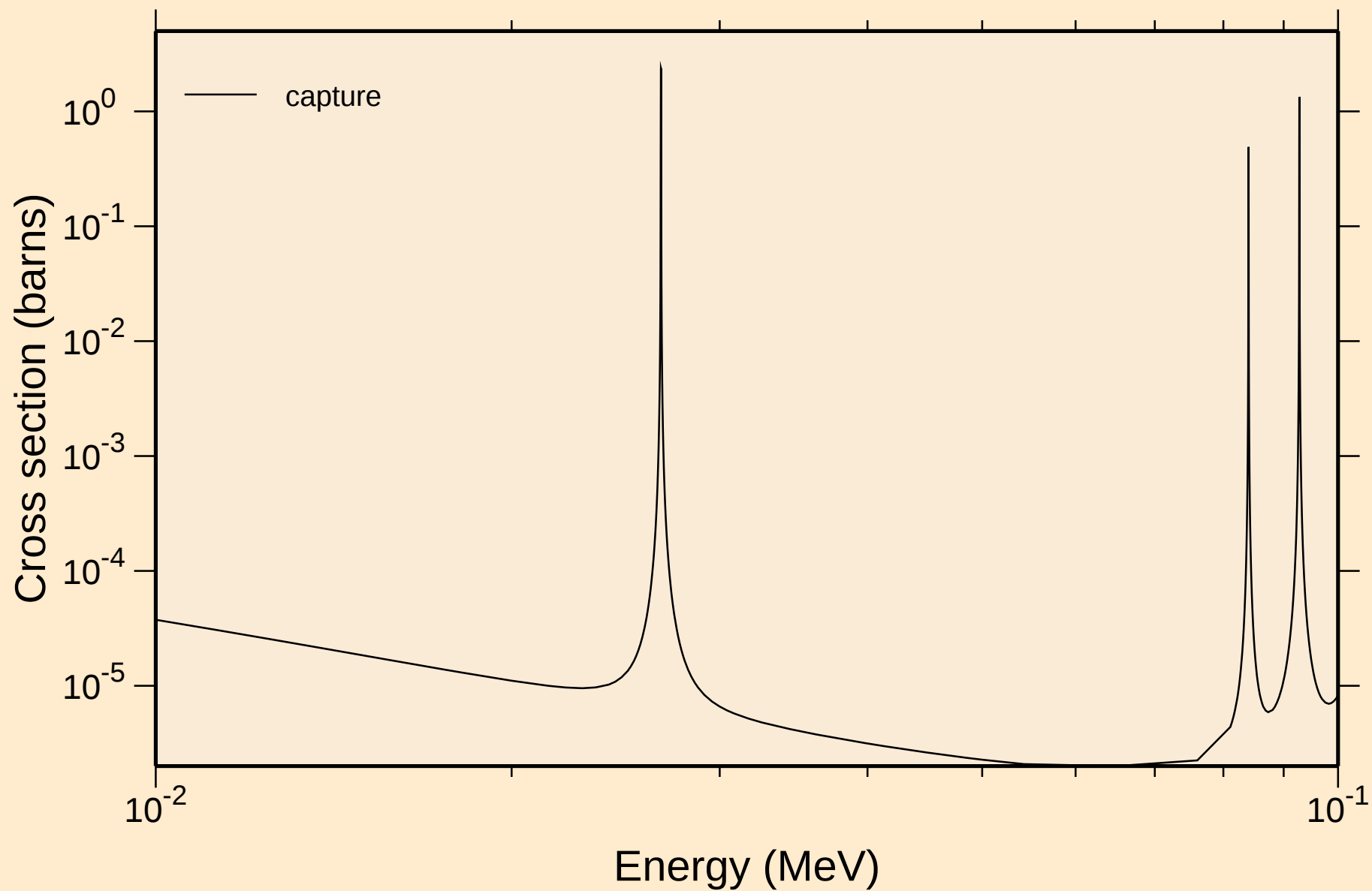
JEFF-3.1 P-31  
resonance total cross section



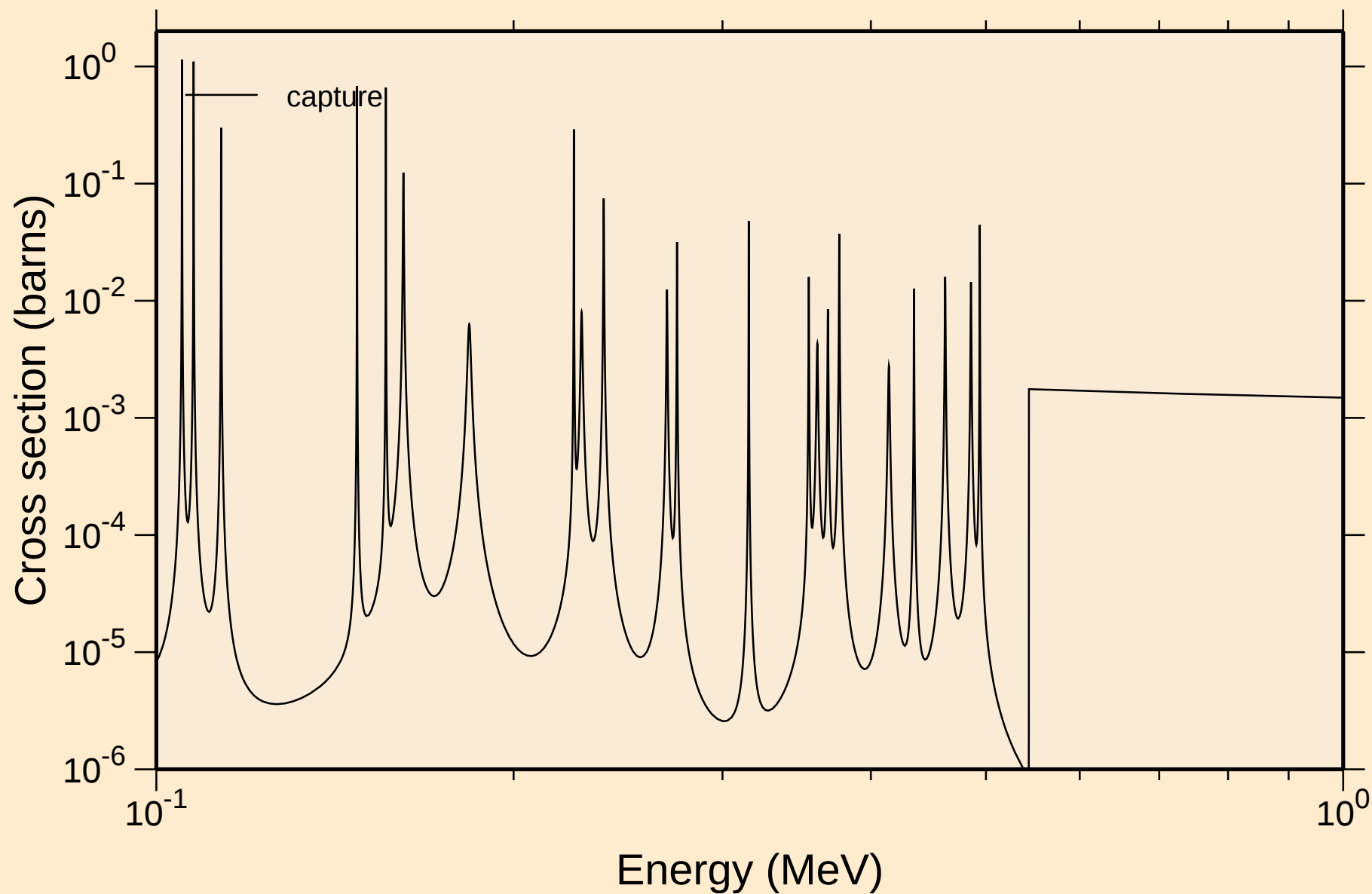
JEFF-3.1 P-31  
resonance total cross section



# JEFF-3.1 P-31 resonance absorption cross sections

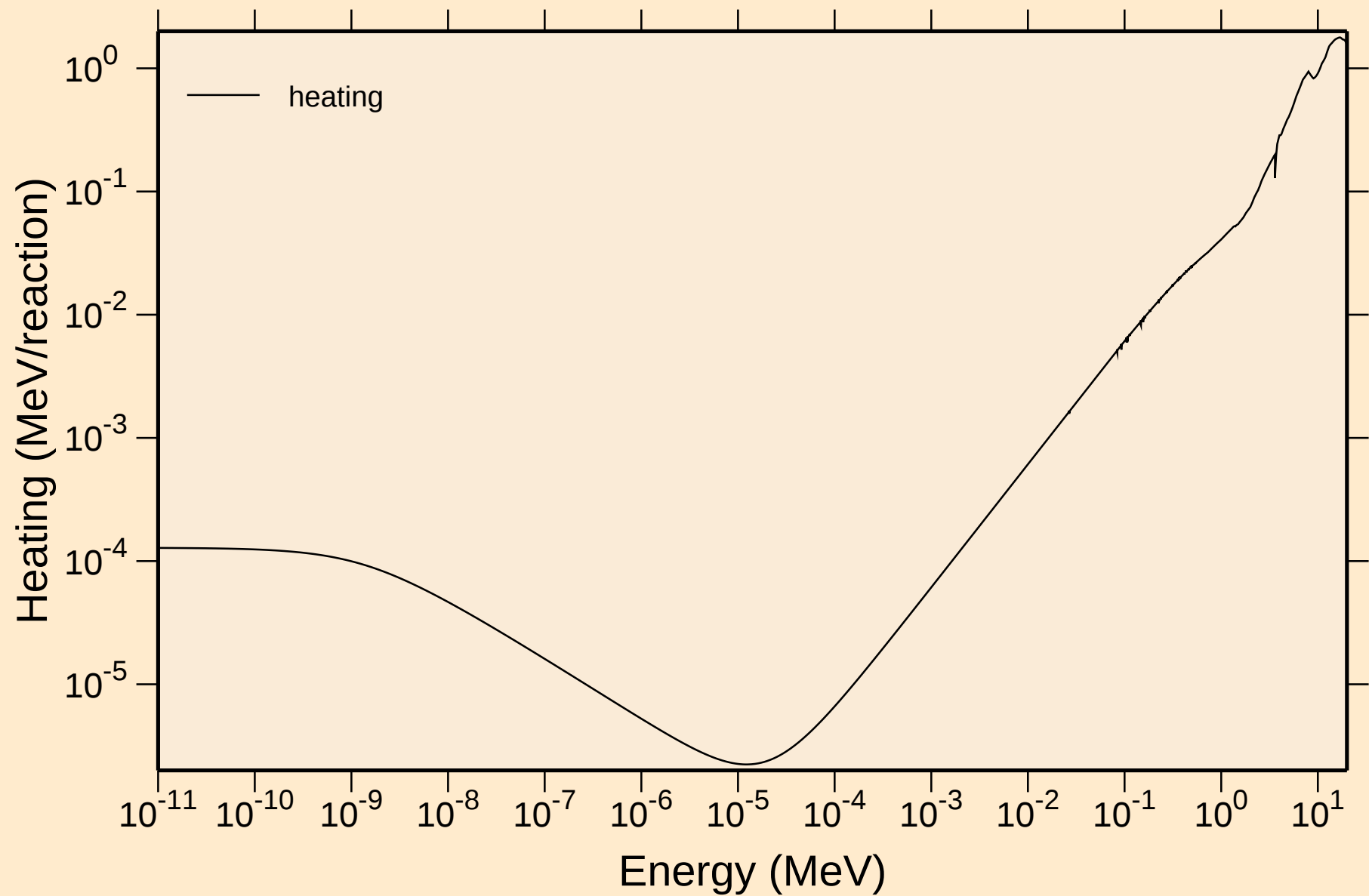


# JEFF-3.1 P-31 resonance absorption cross sections

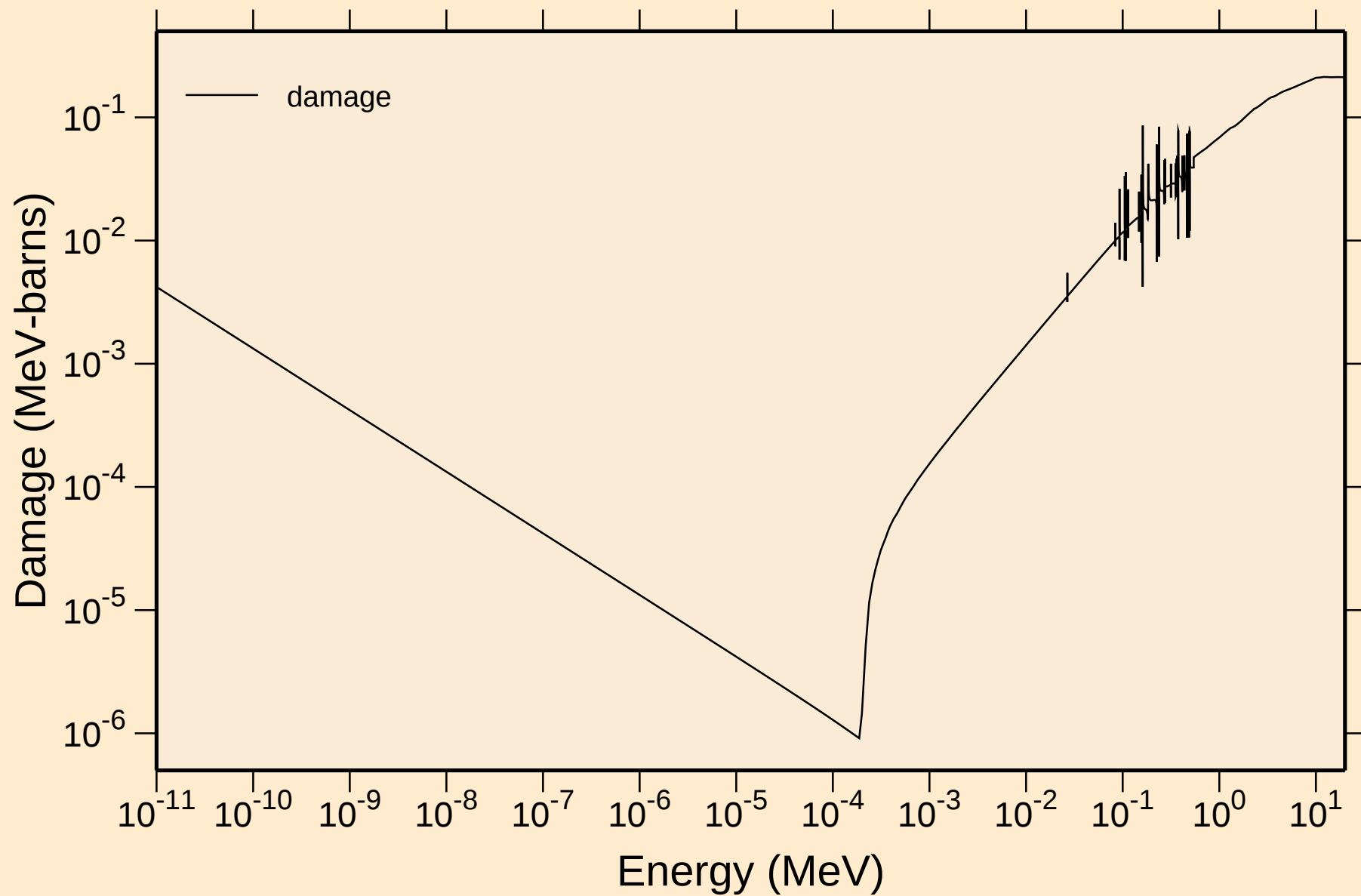


JEFF-3.1 P-31

Heating

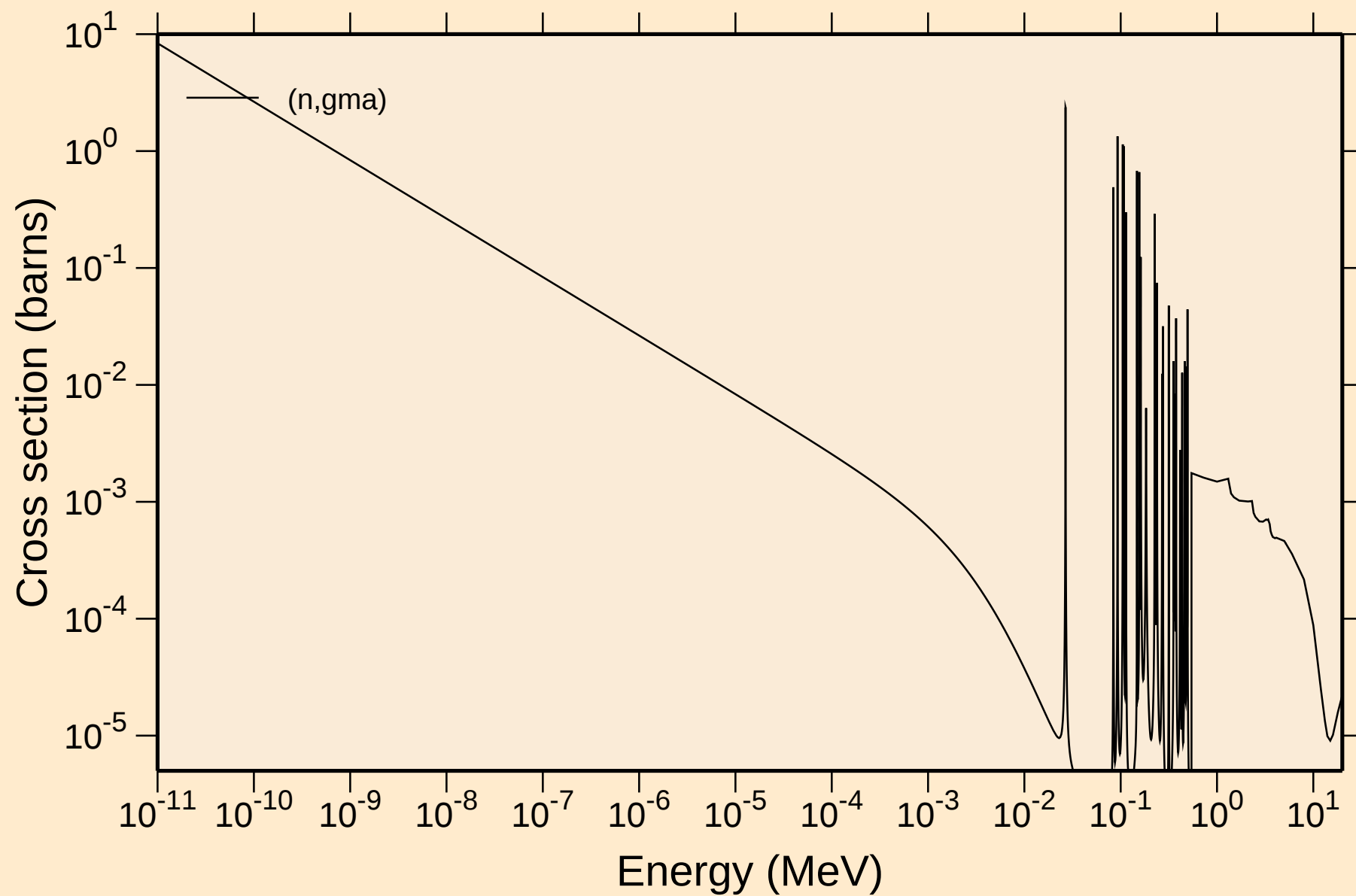


# JEFF-3.1 P-31 Damage



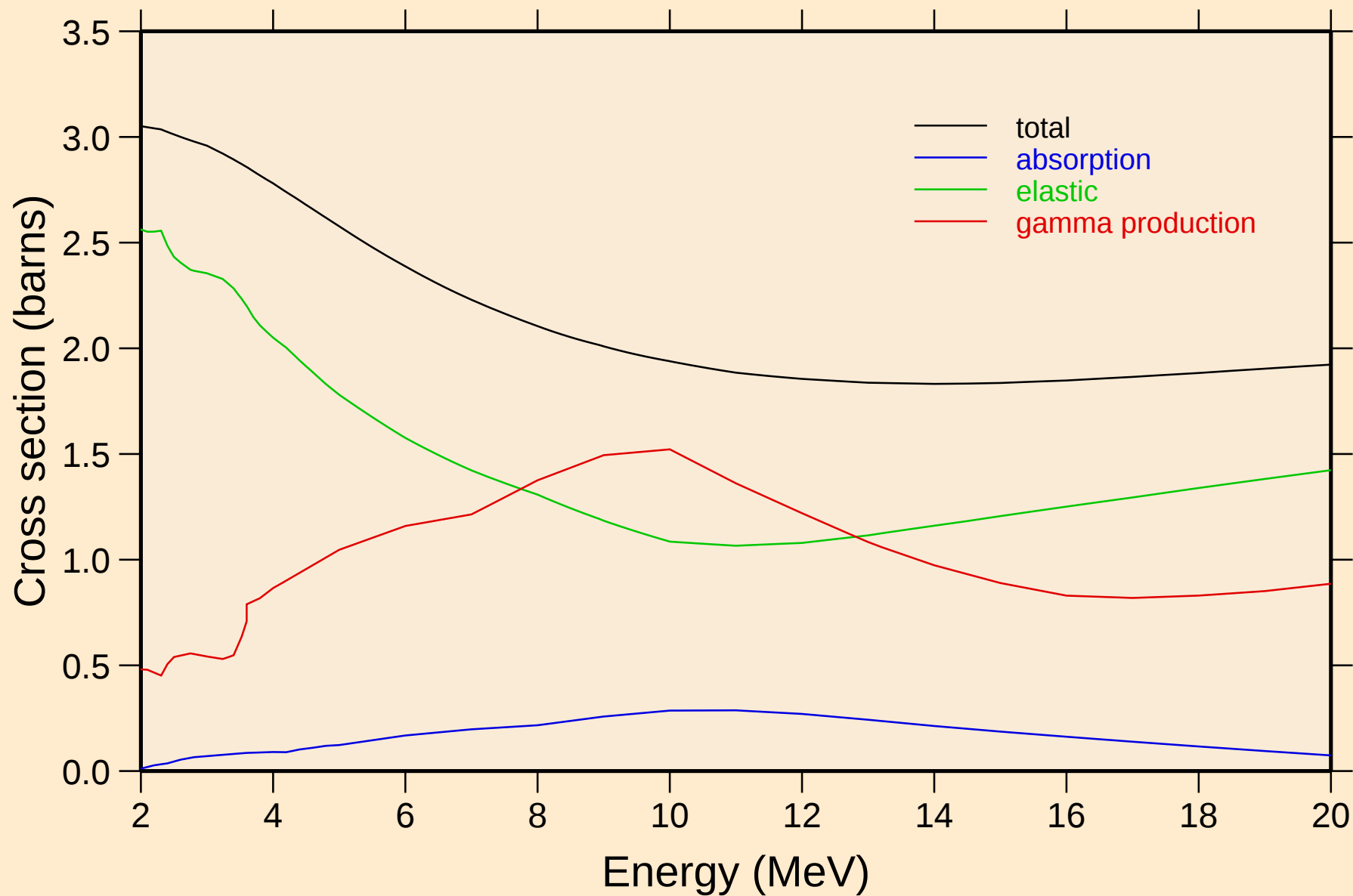
JEFF-3.1 P-31

Non-threshold reactions



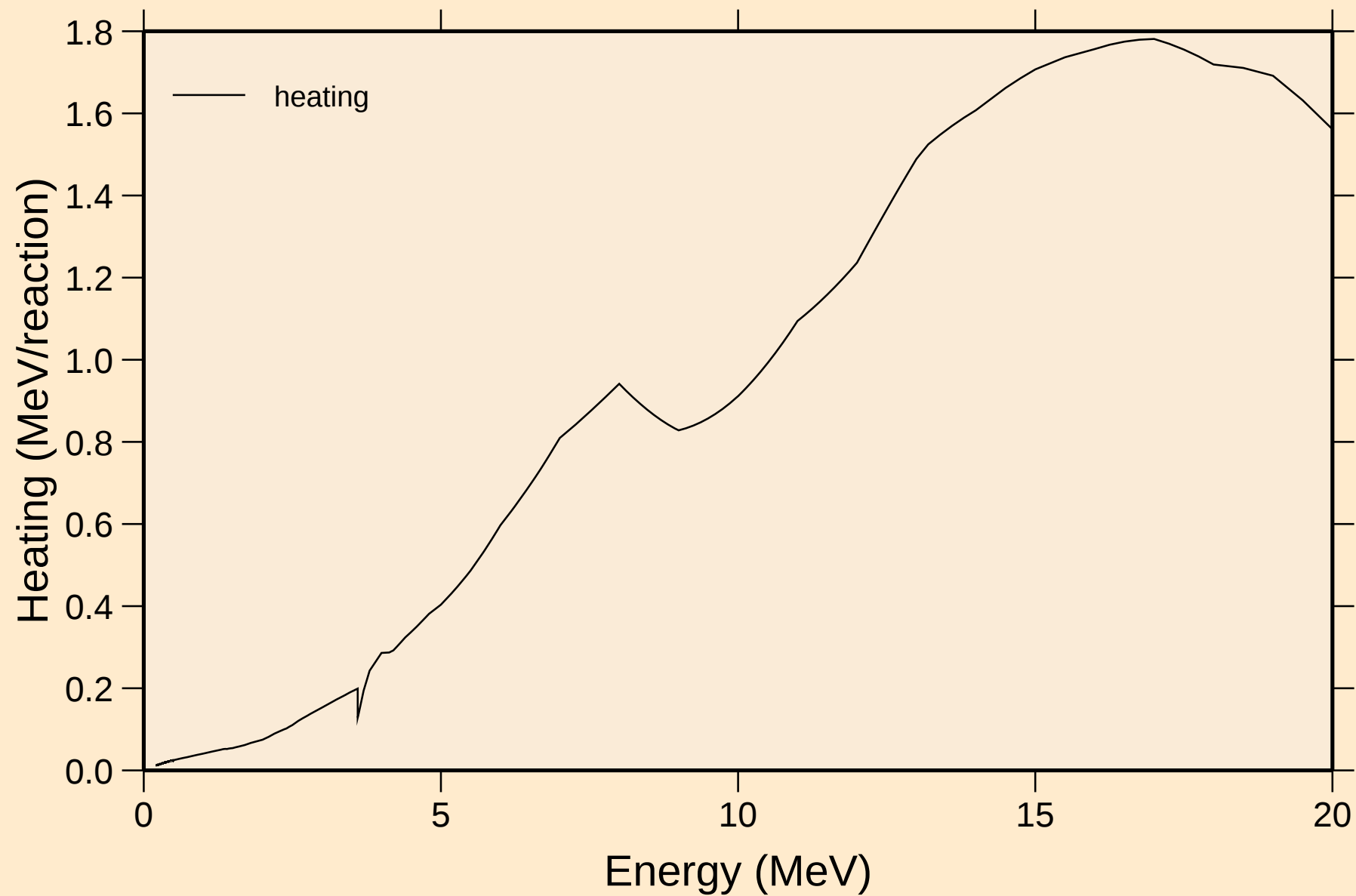
# JEFF-3.1 P-31

## Principal cross sections



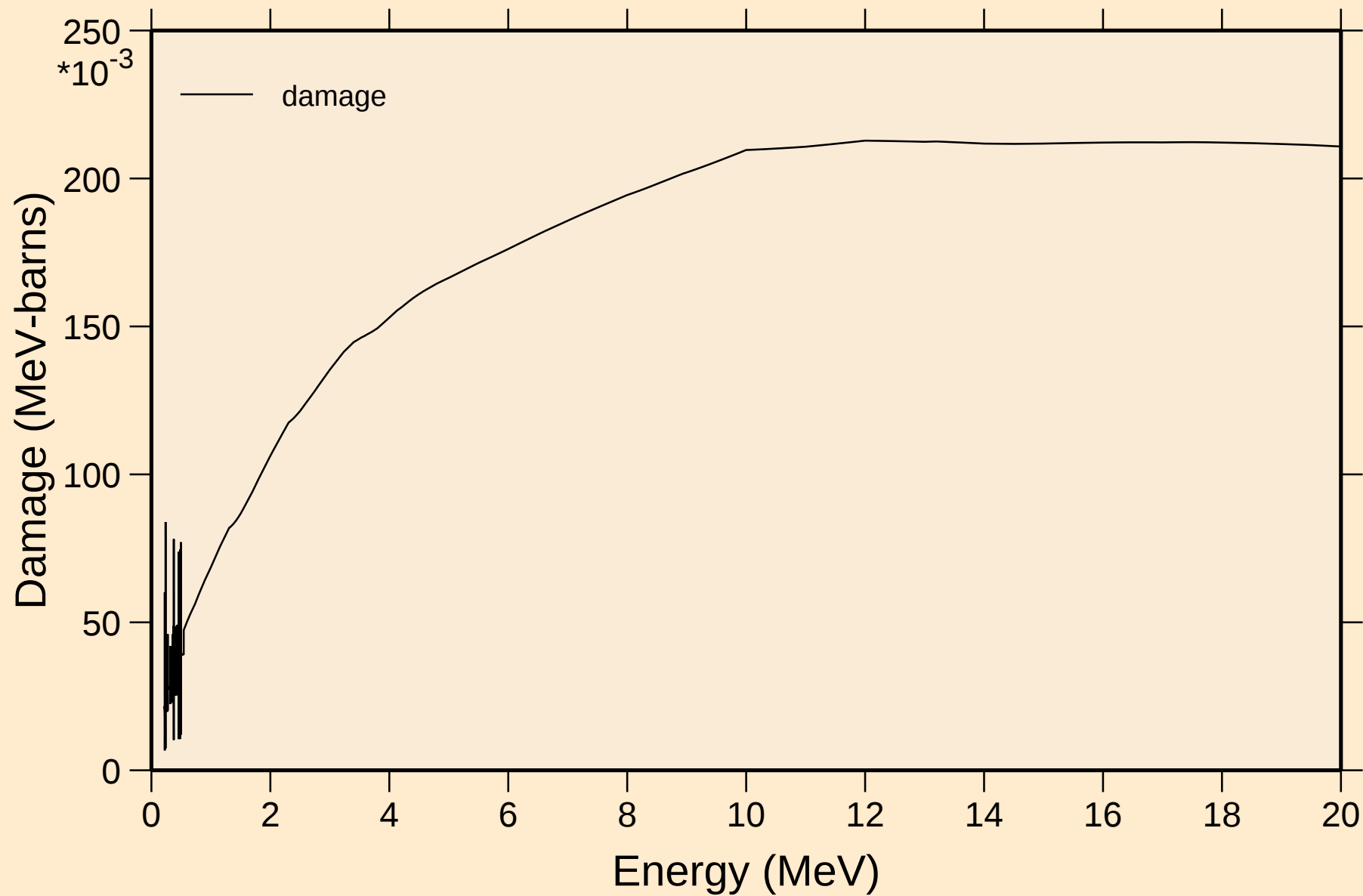
JEFF-3.1 P-31

Heating



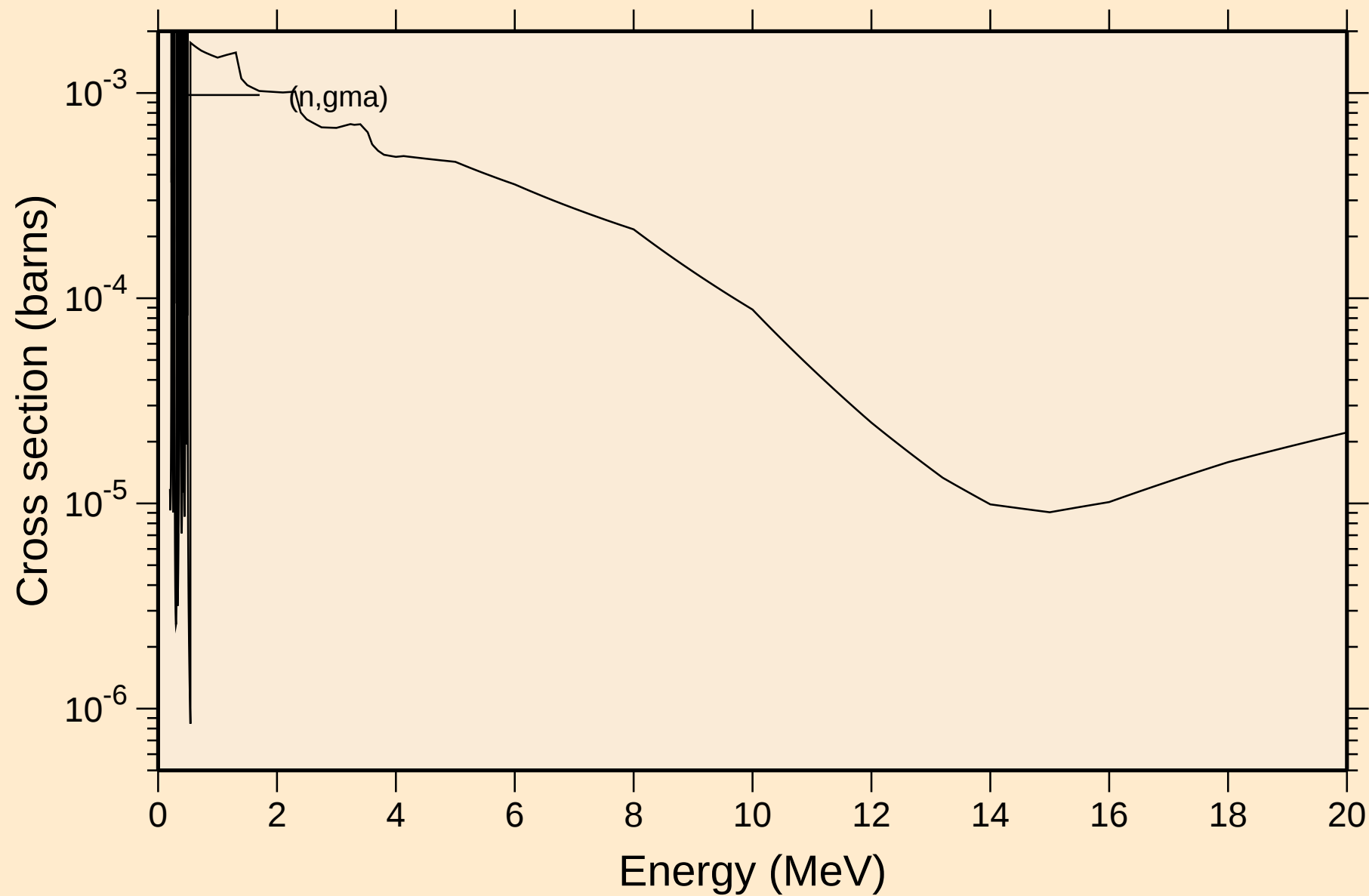
# JEFF-3.1 P-31

## Damage



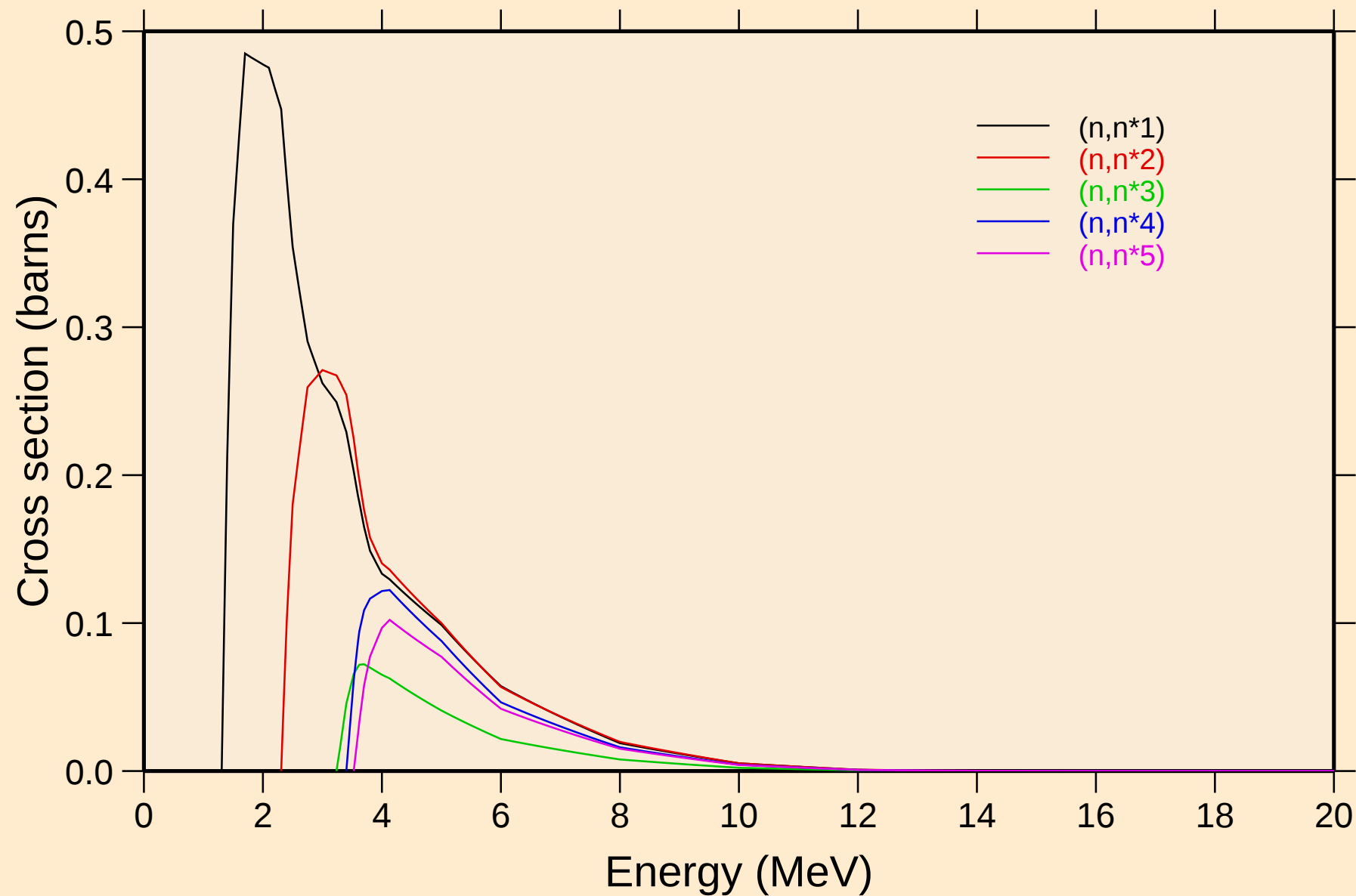
JEFF-3.1 P-31

Non-threshold reactions



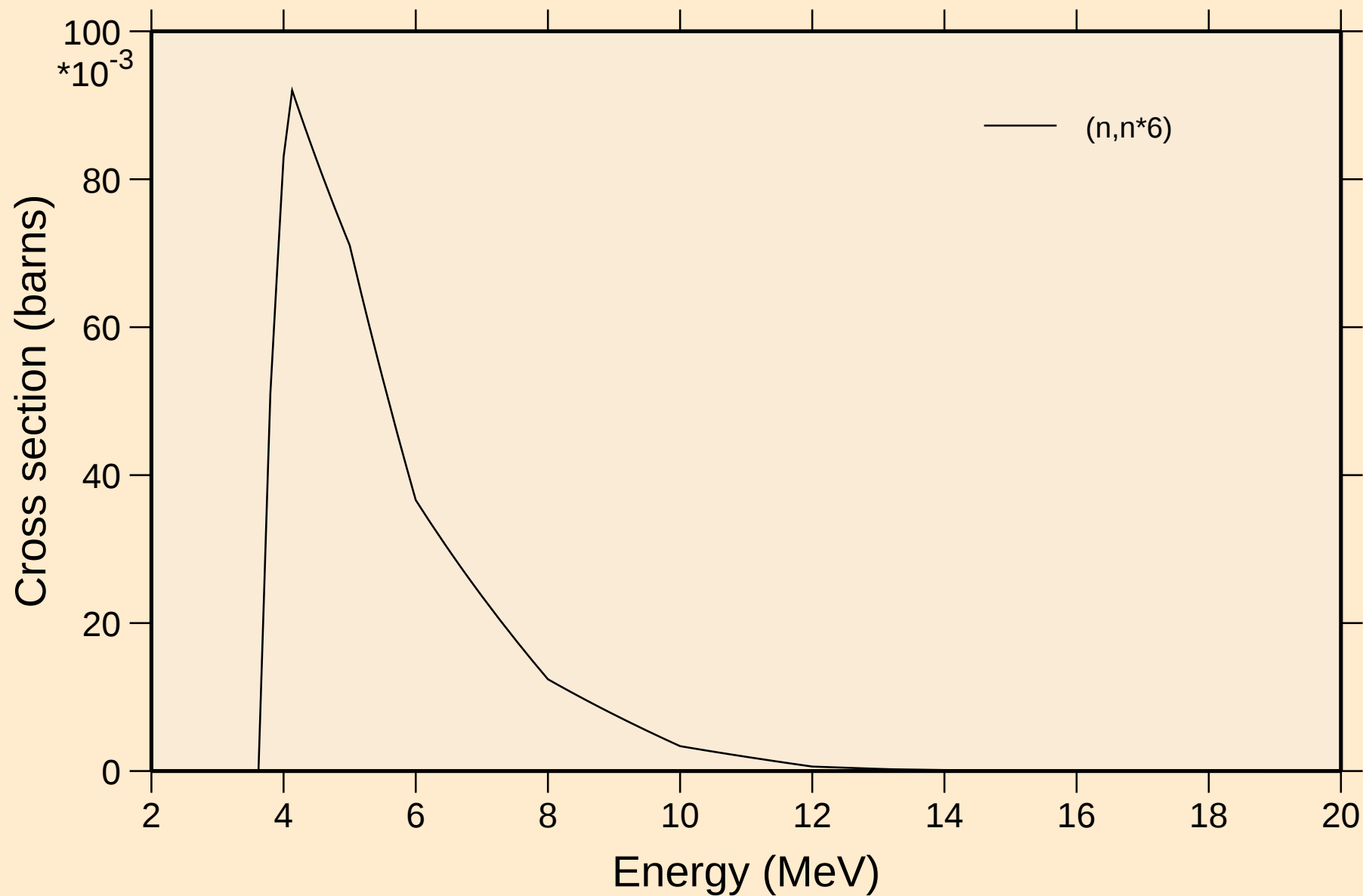
# JEFF-3.1 P-31

## Inelastic levels



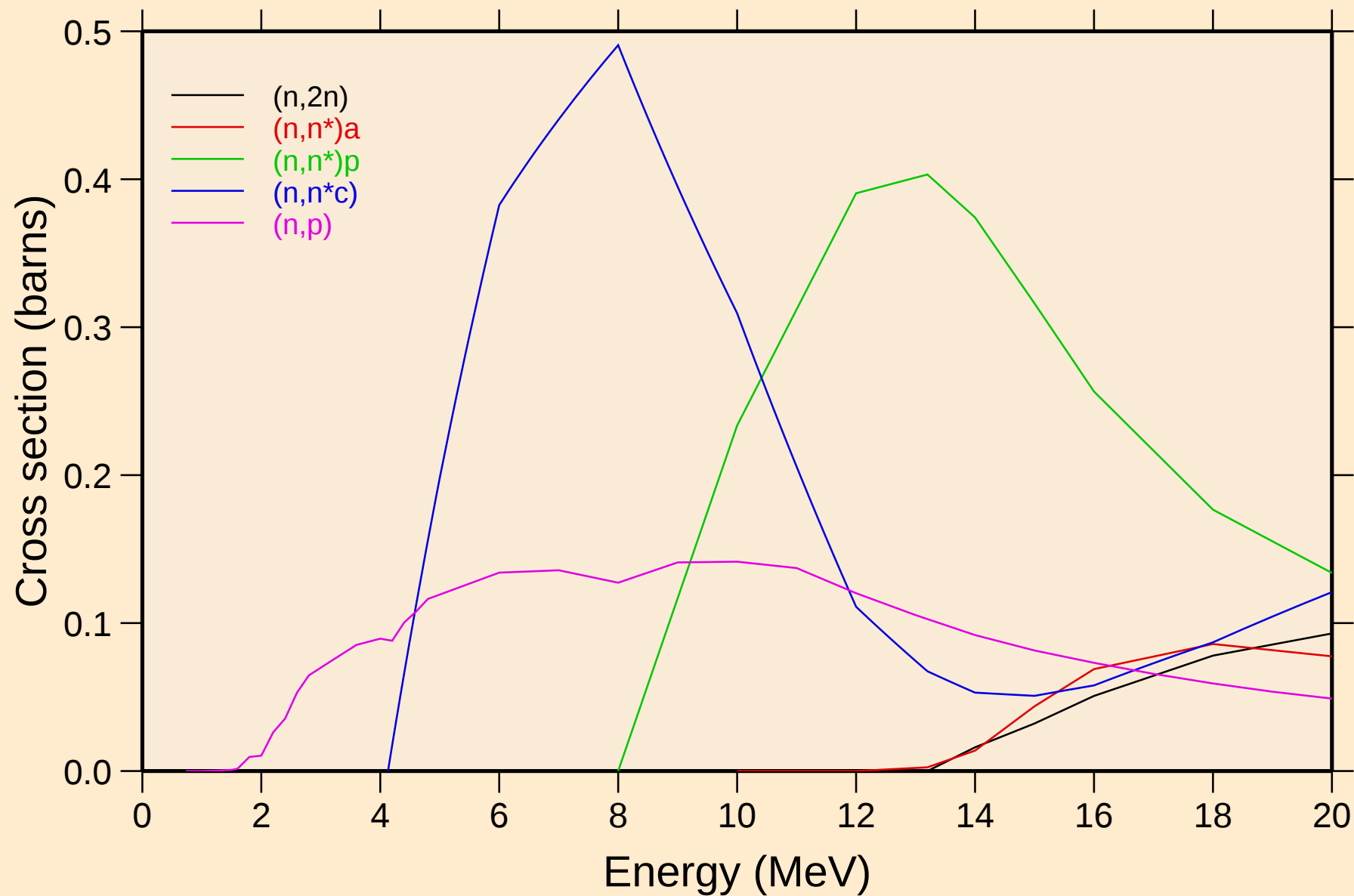
JEFF-3.1 P-31

Inelastic levels



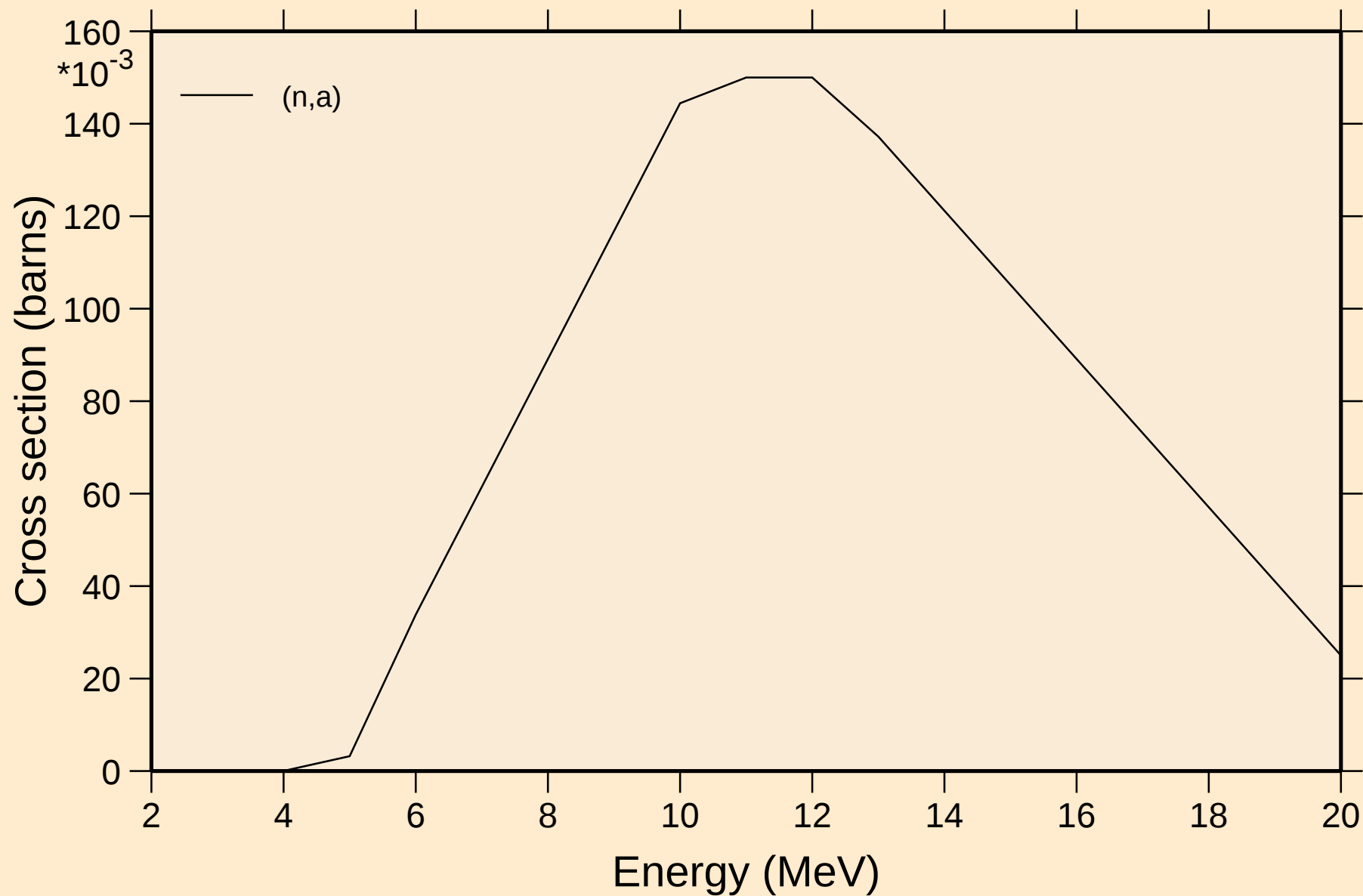
# JEFF-3.1 P-31

## Threshold reactions



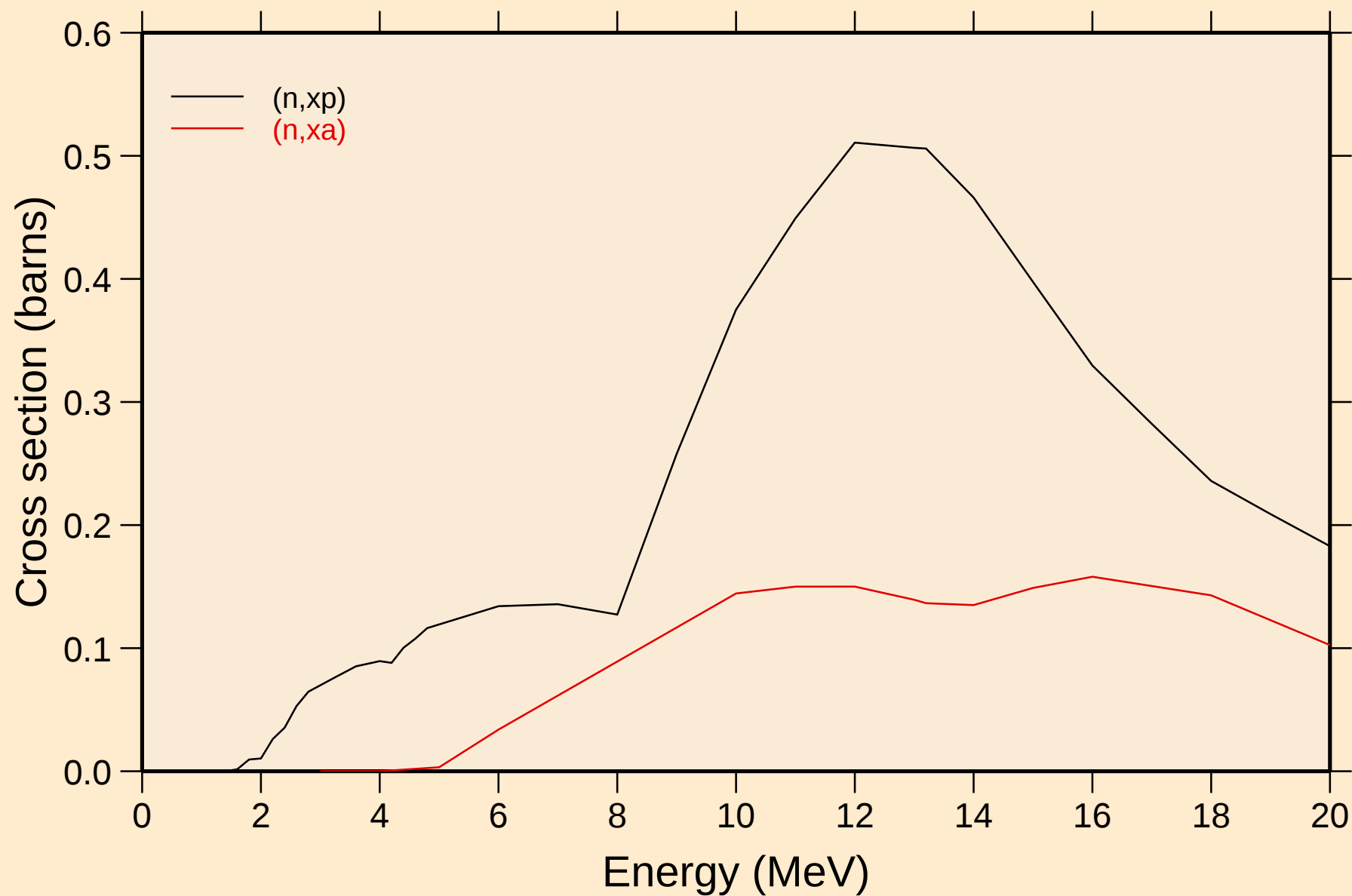
# JEFF-3.1 P-31

## Threshold reactions

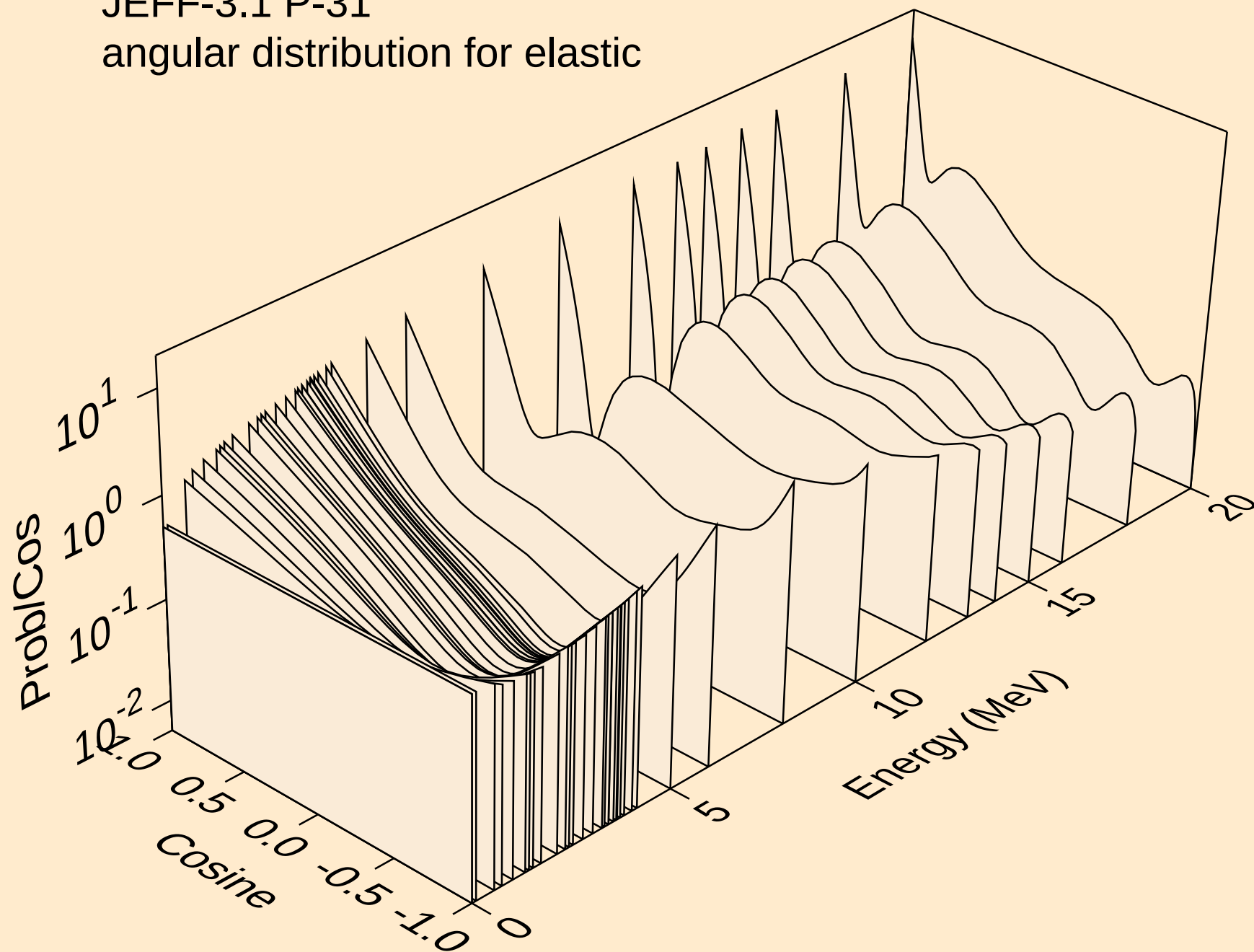


# JEFF-3.1 P-31

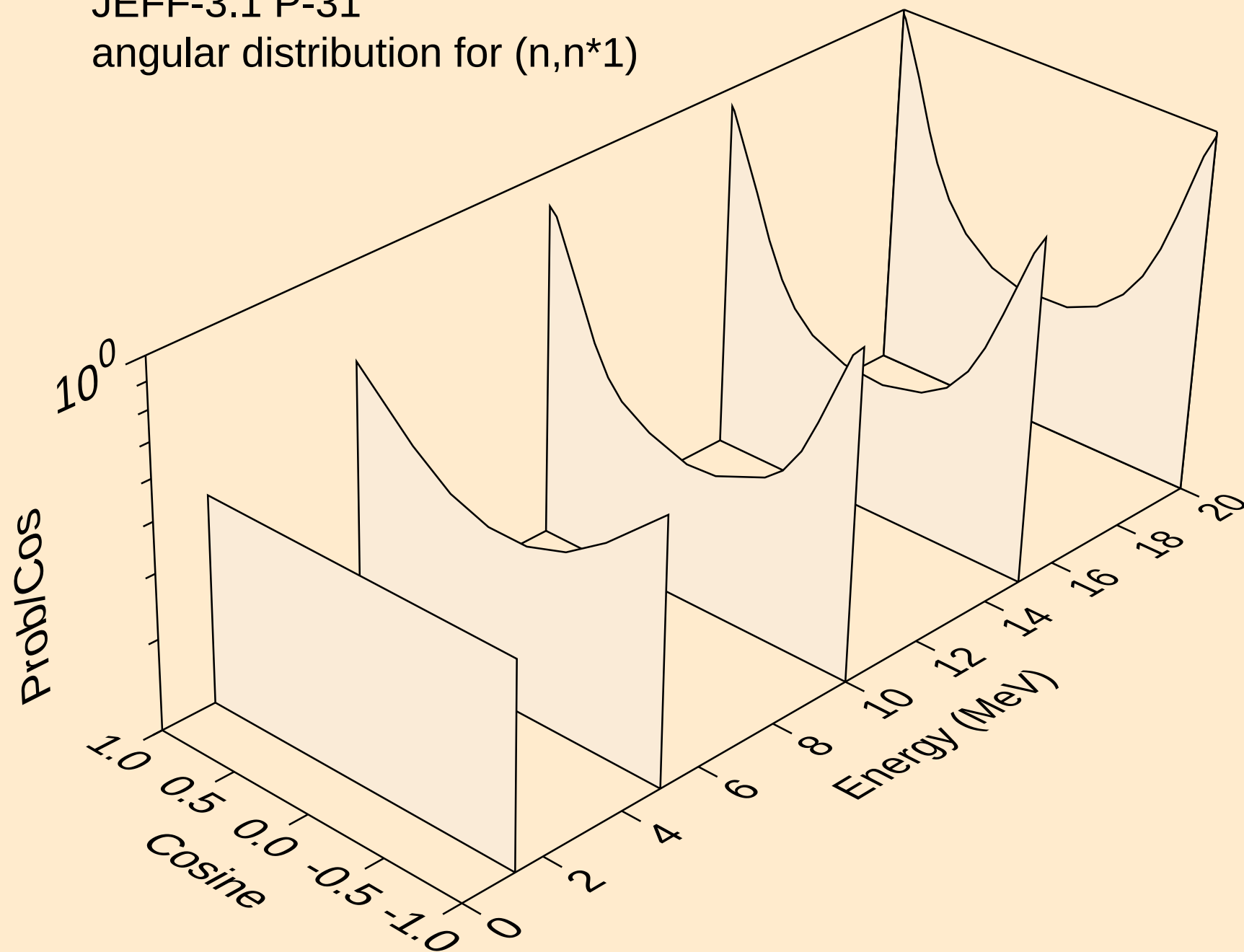
## Threshold reactions



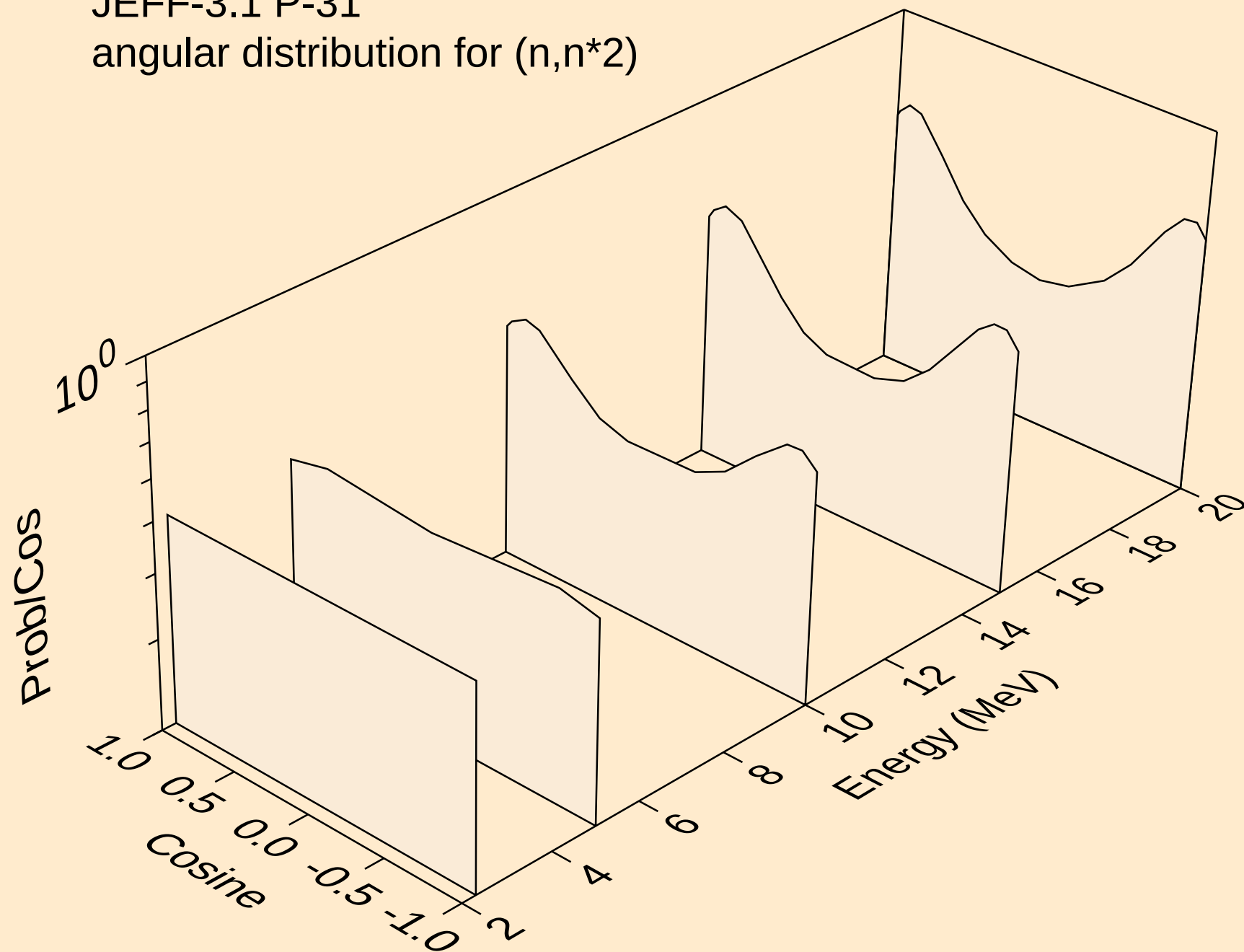
JEFF-3.1 P-31  
angular distribution for elastic



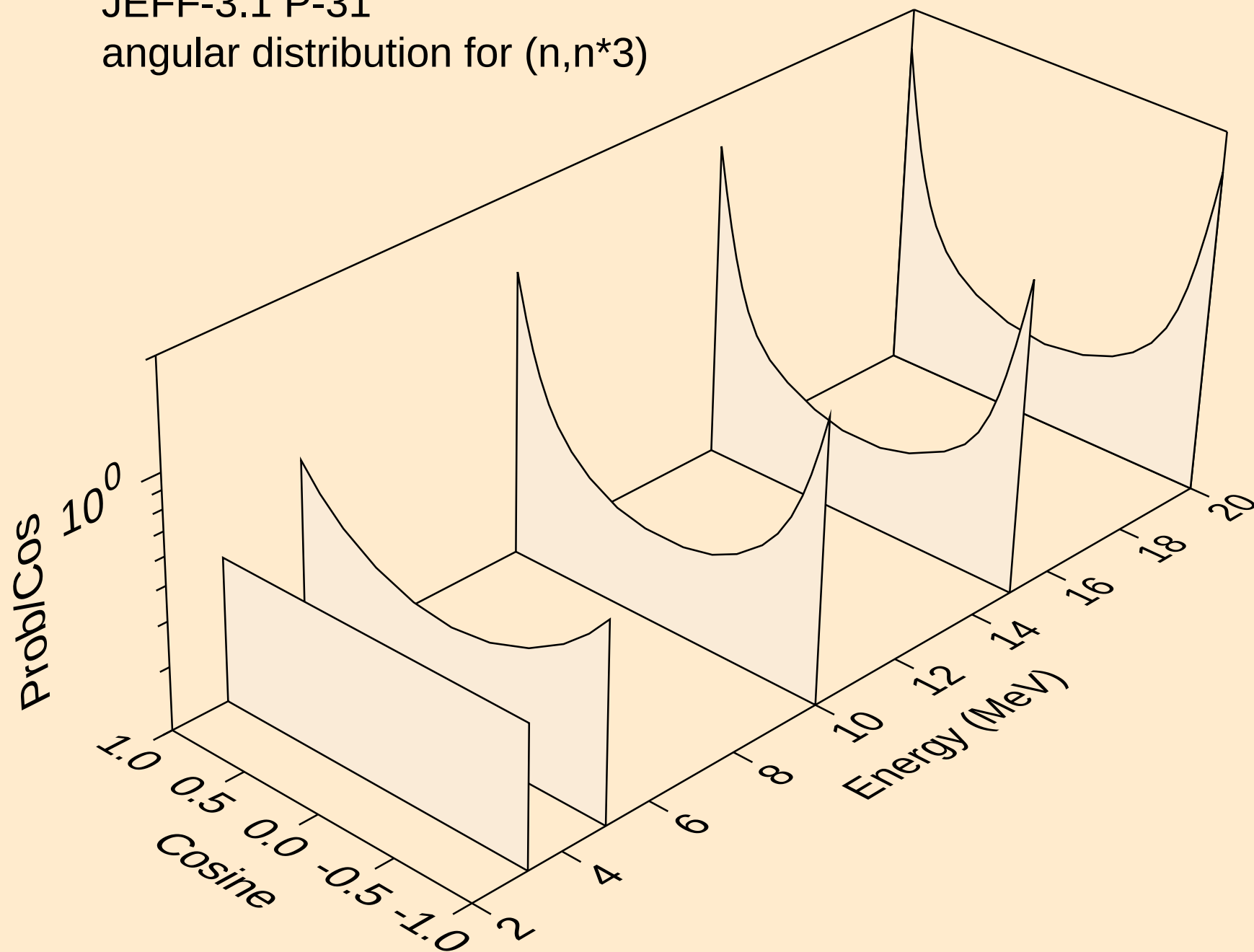
JEFF-3.1 P-31  
angular distribution for (n,n\*1)



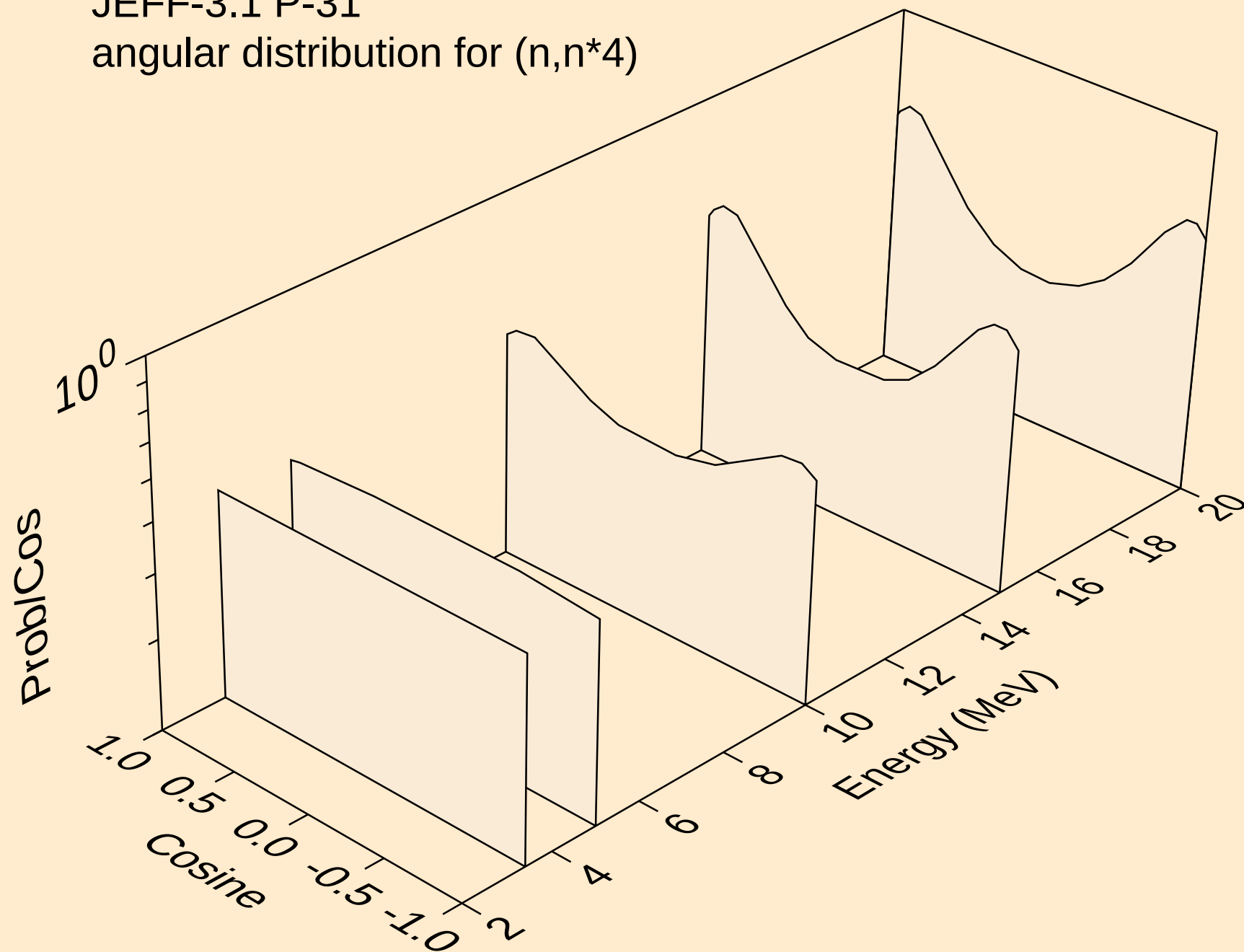
JEFF-3.1 P-31  
angular distribution for (n,n\*2)



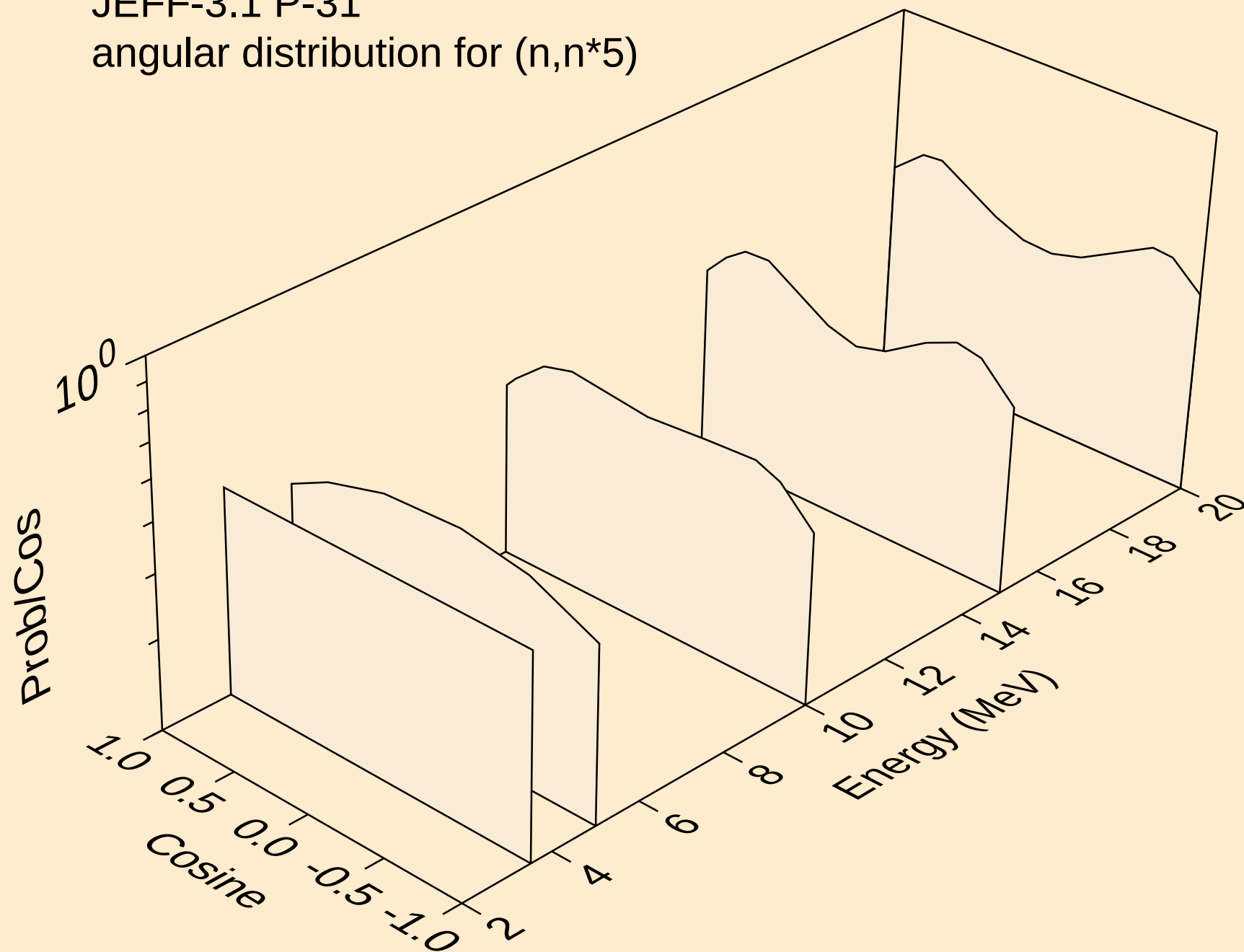
JEFF-3.1 P-31  
angular distribution for (n,n\*3)



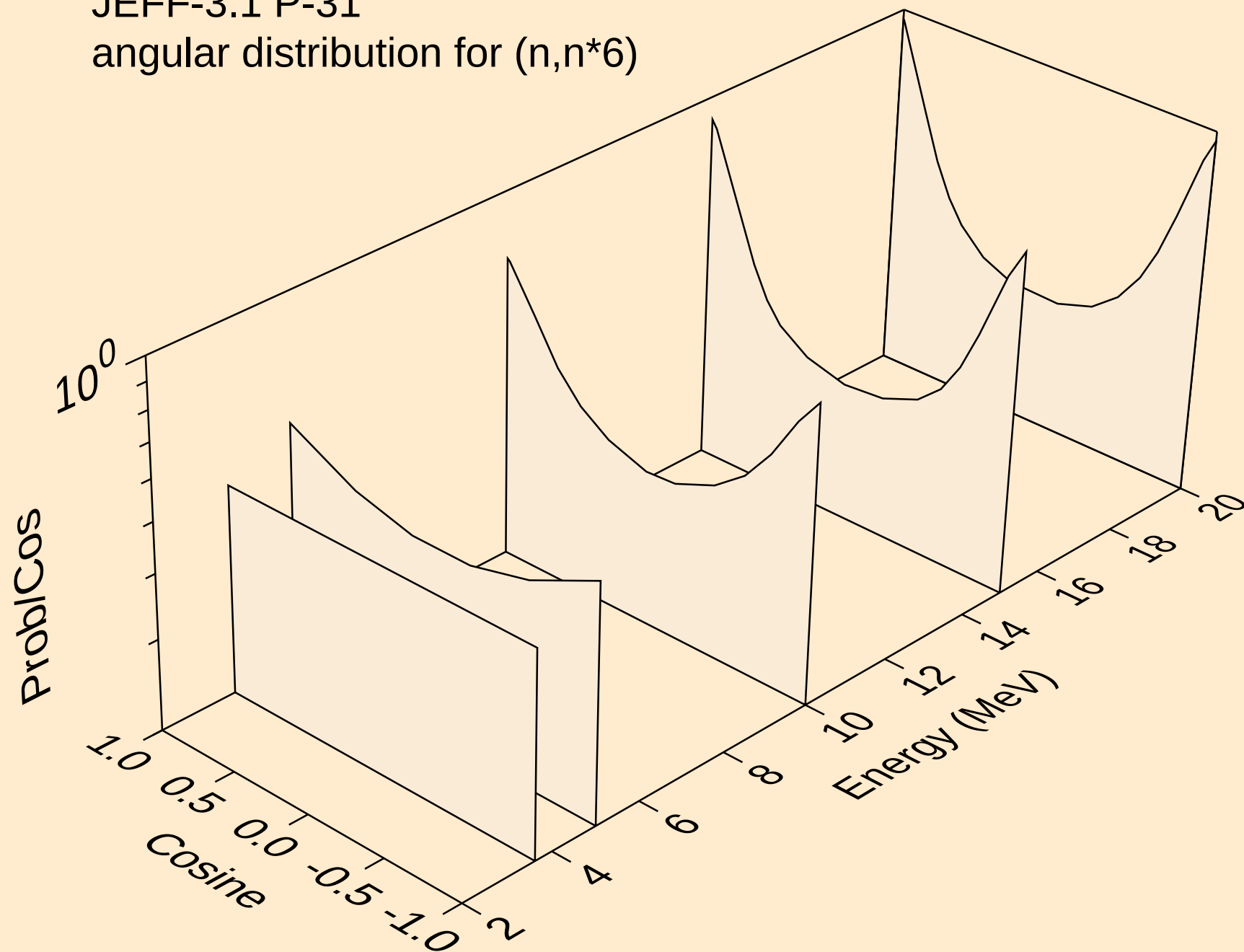
JEFF-3.1 P-31  
angular distribution for (n,n\*4)



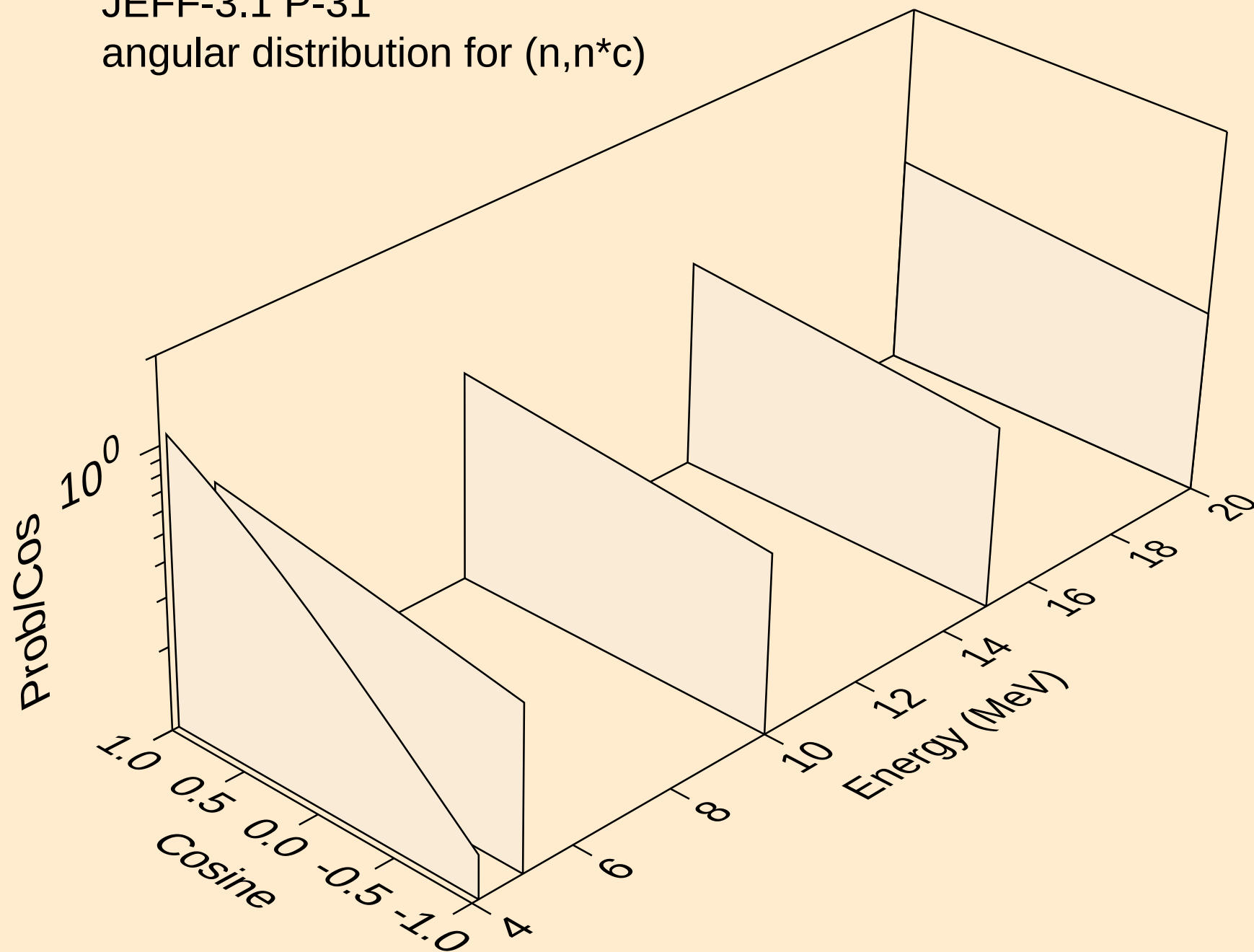
JEFF-3.1 P-31  
angular distribution for (n,n\*5)



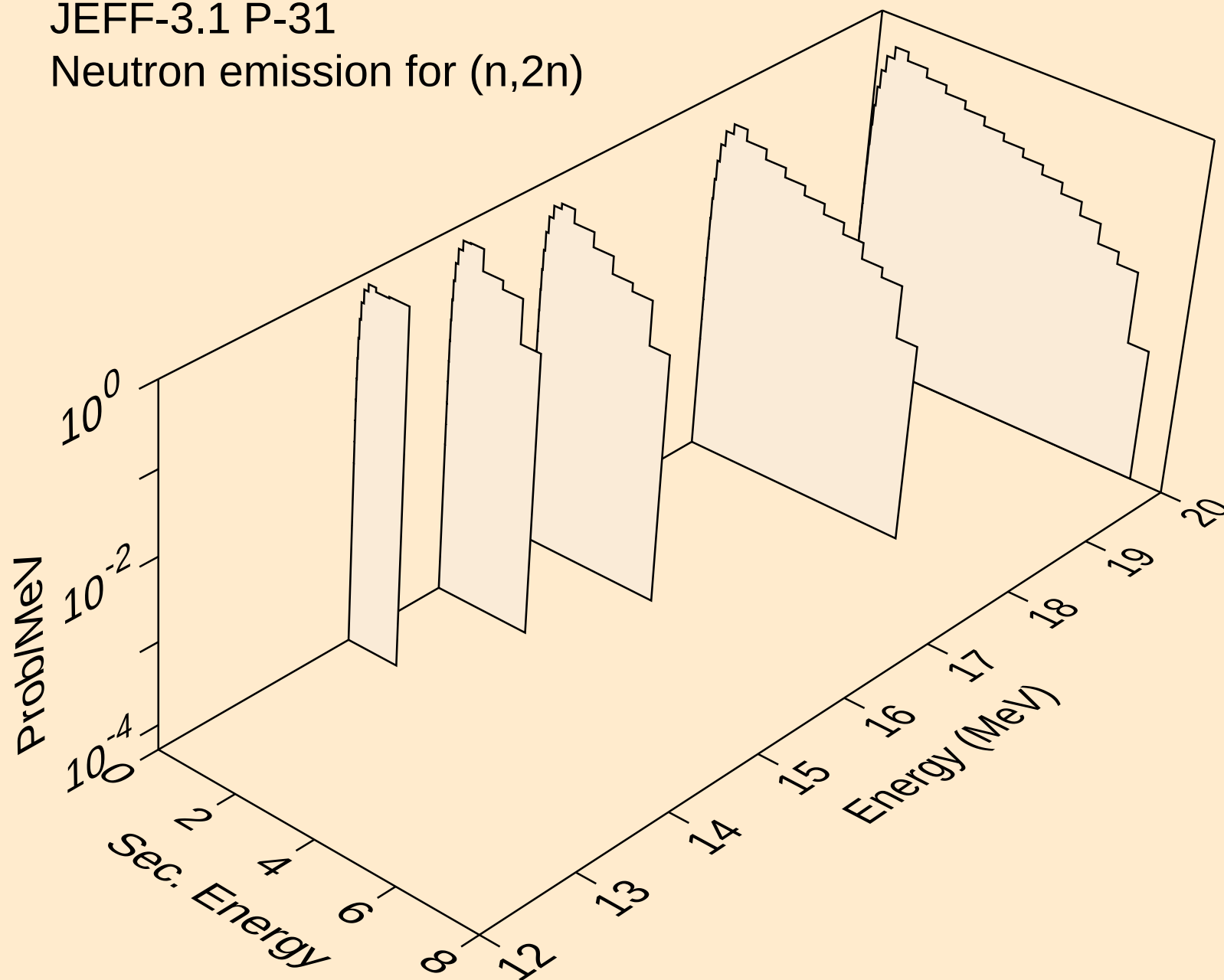
JEFF-3.1 P-31  
angular distribution for (n,n\*6)



JEFF-3.1 P-31  
angular distribution for (n,n\*c)

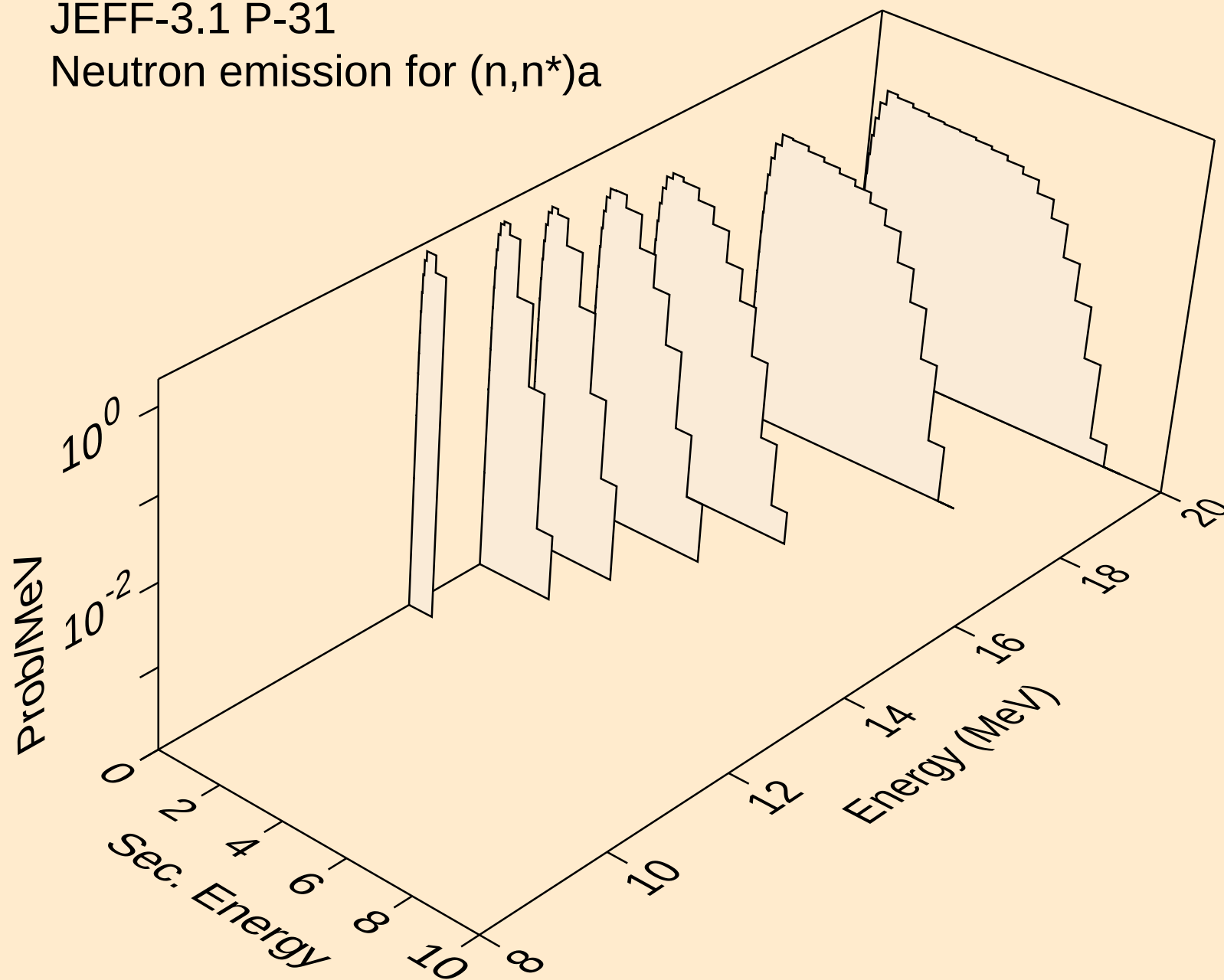


JEFF-3.1 P-31  
Neutron emission for (n,2n)



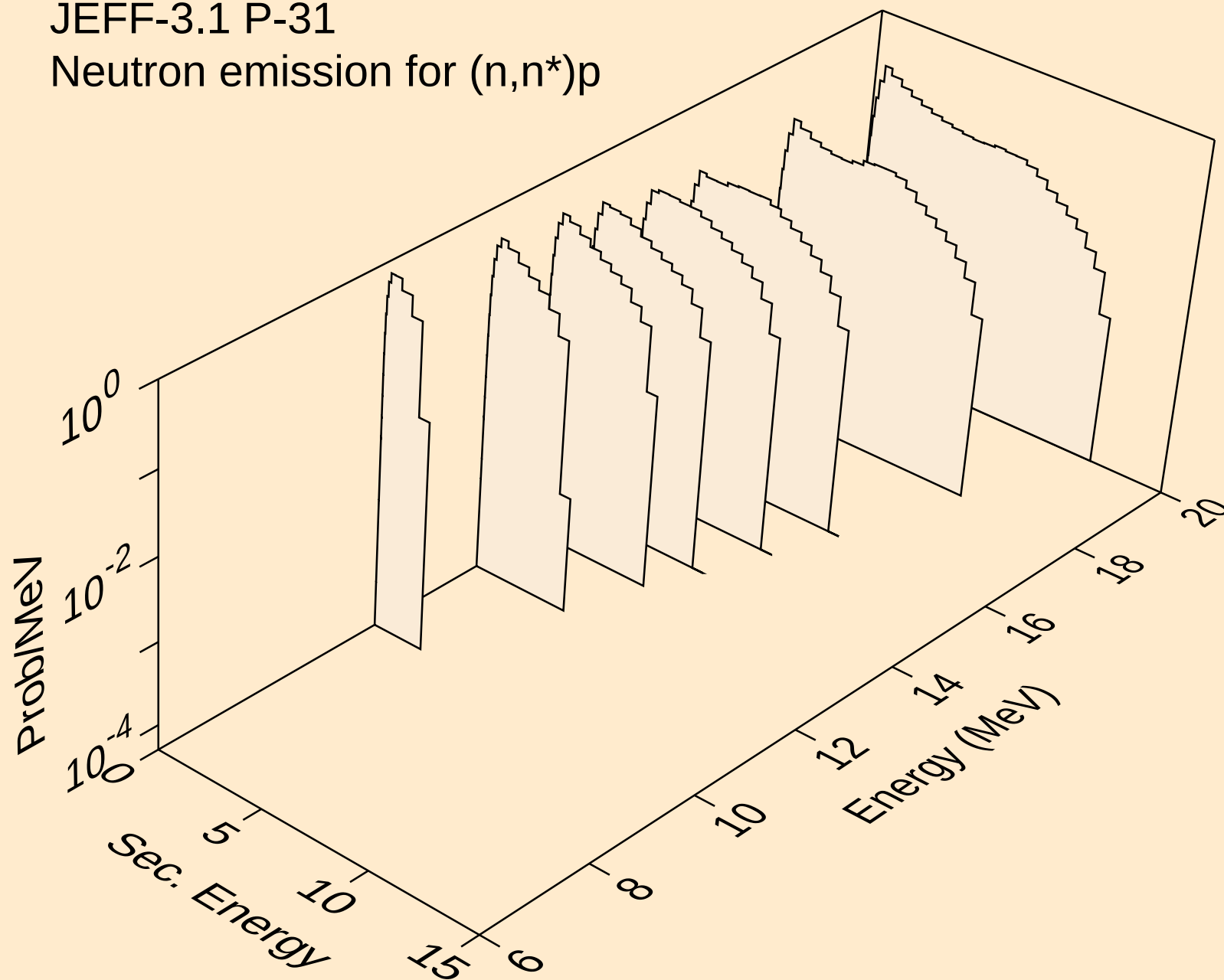
JEFF-3.1 P-31

Neutron emission for (n,n\*)a



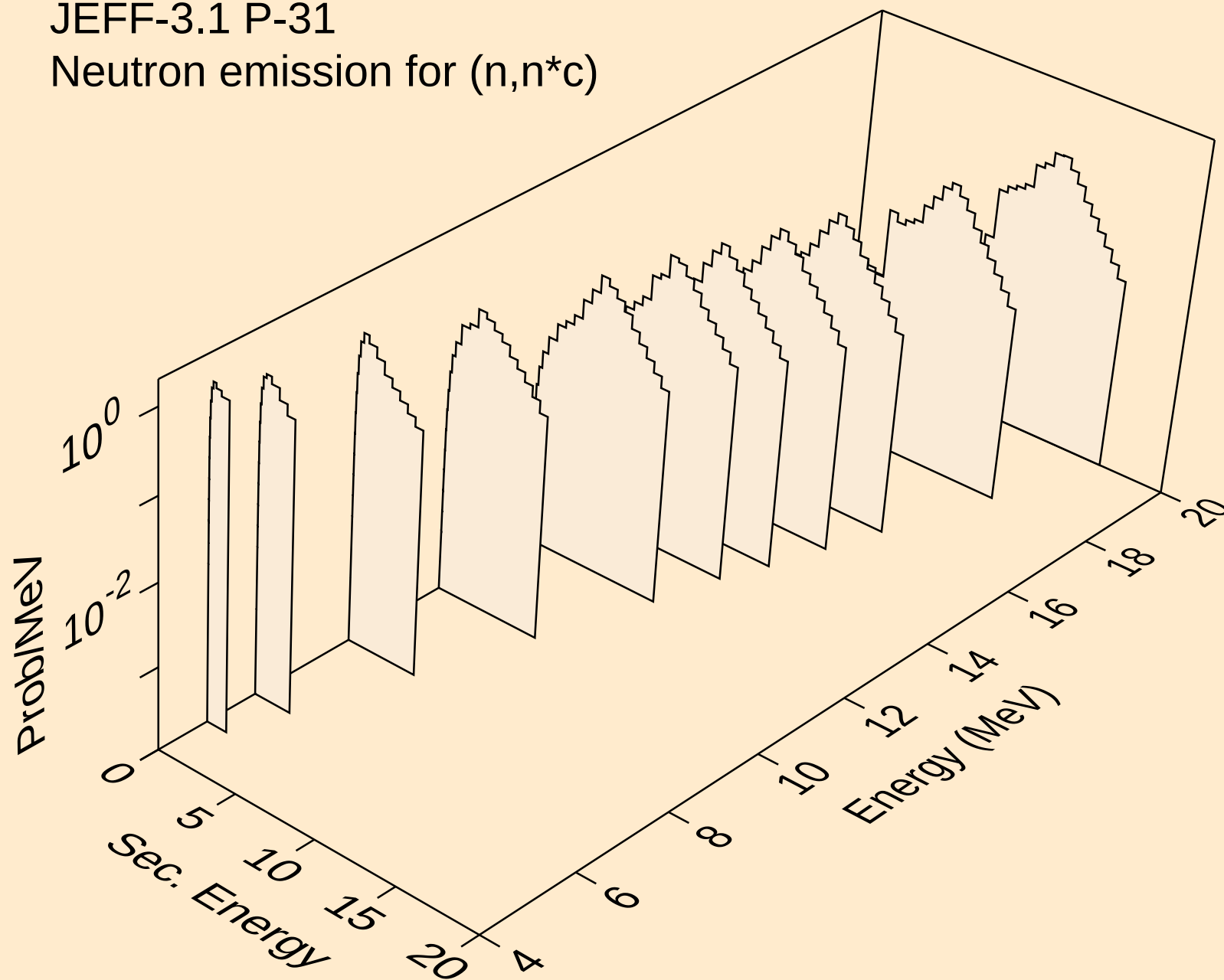
JEFF-3.1 P-31

Neutron emission for (n,n\*)p



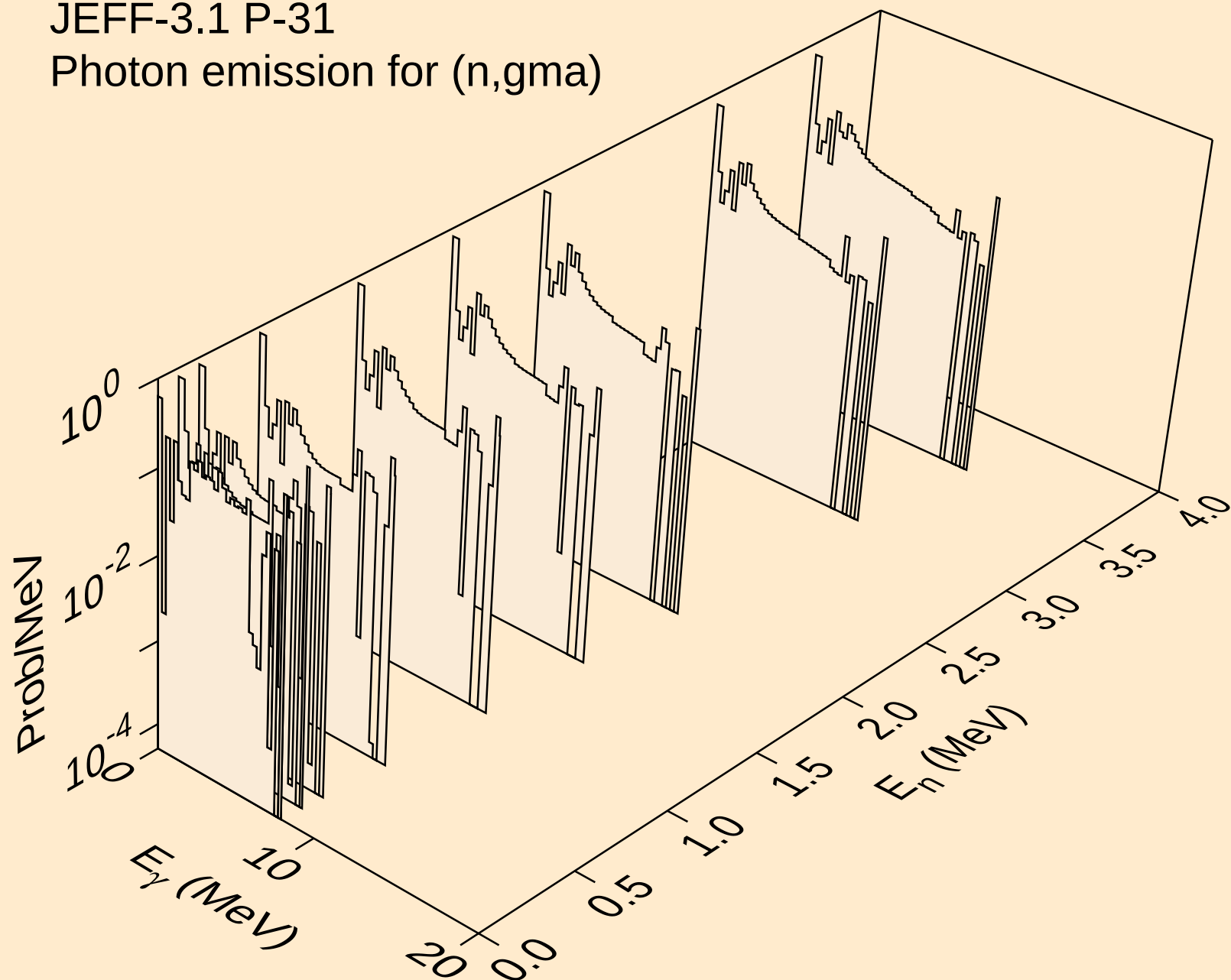
JEFF-3.1 P-31

Neutron emission for (n,n\*c)



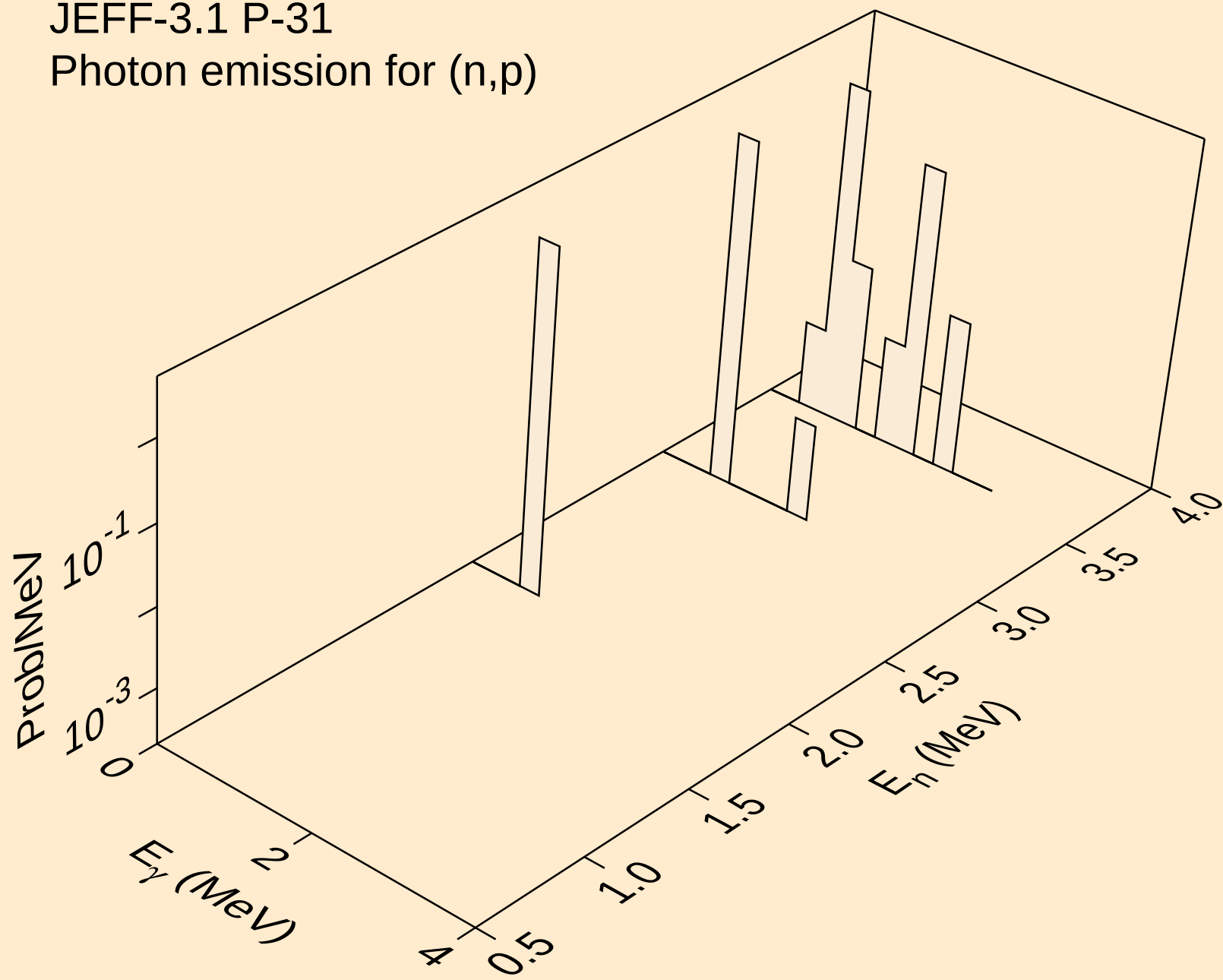
JEFF-3.1 P-31

Photon emission for (n,gma)



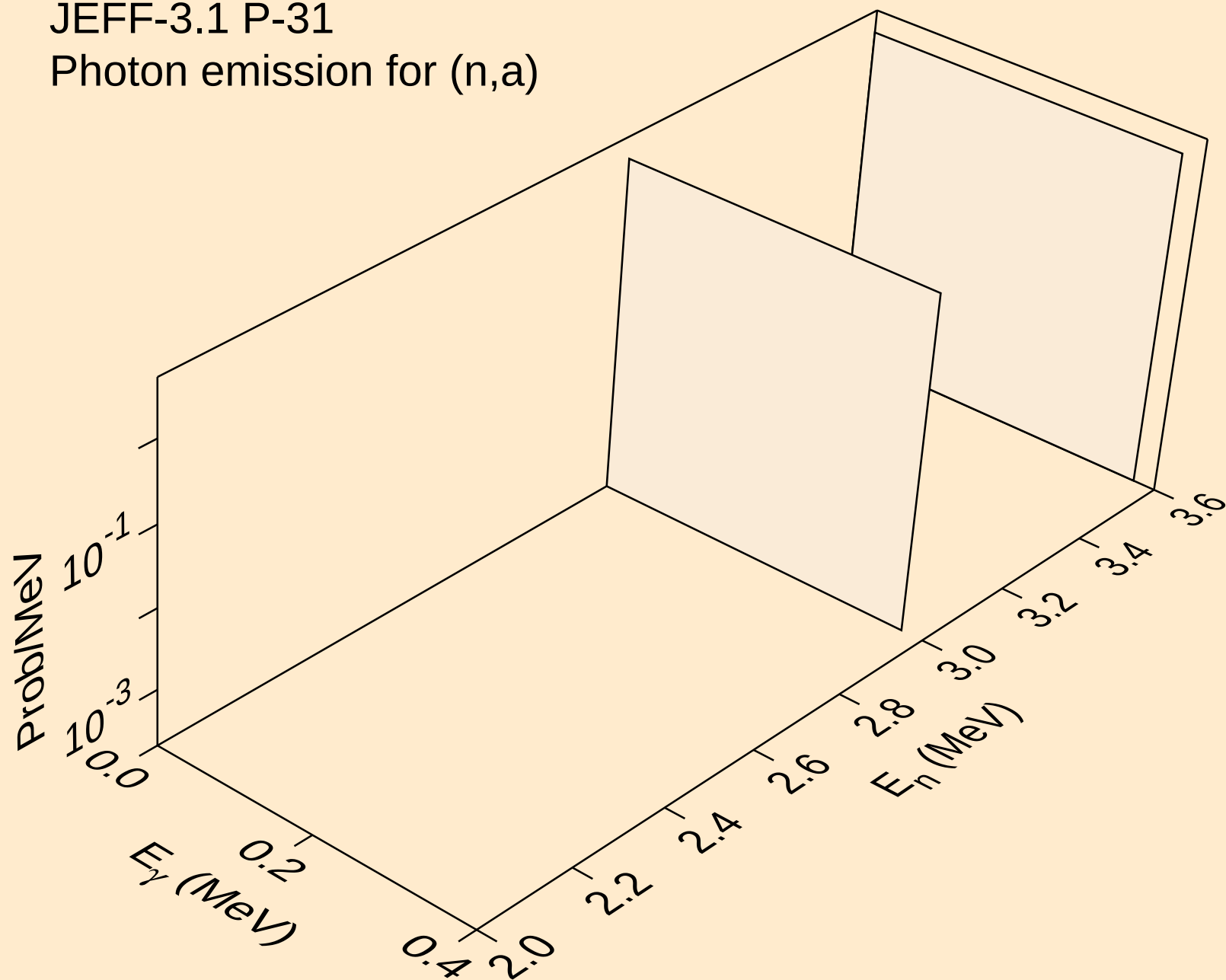
JEFF-3.1 P-31

Photon emission for (n,p)



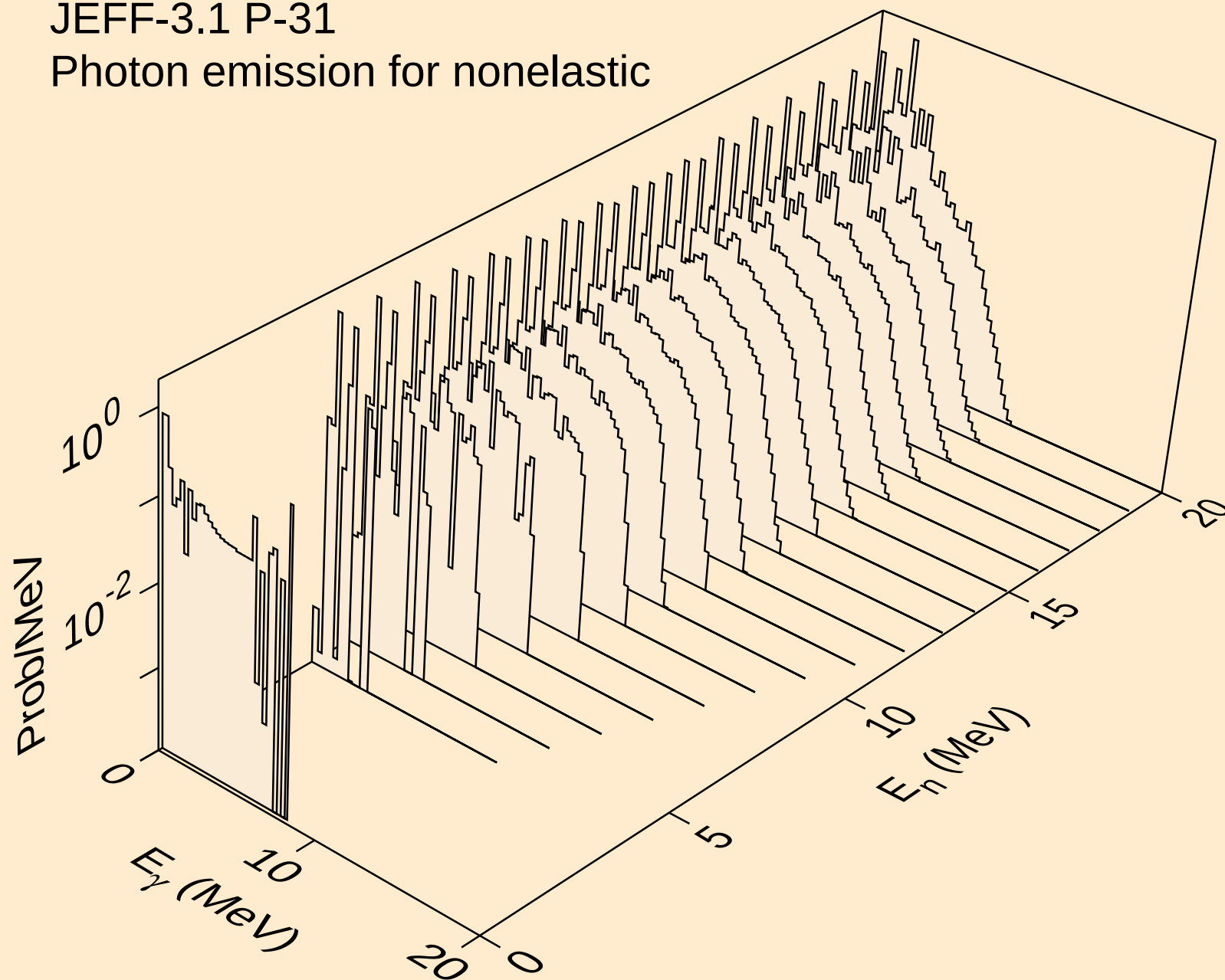
JEFF-3.1 P-31

Photon emission for (n,a)

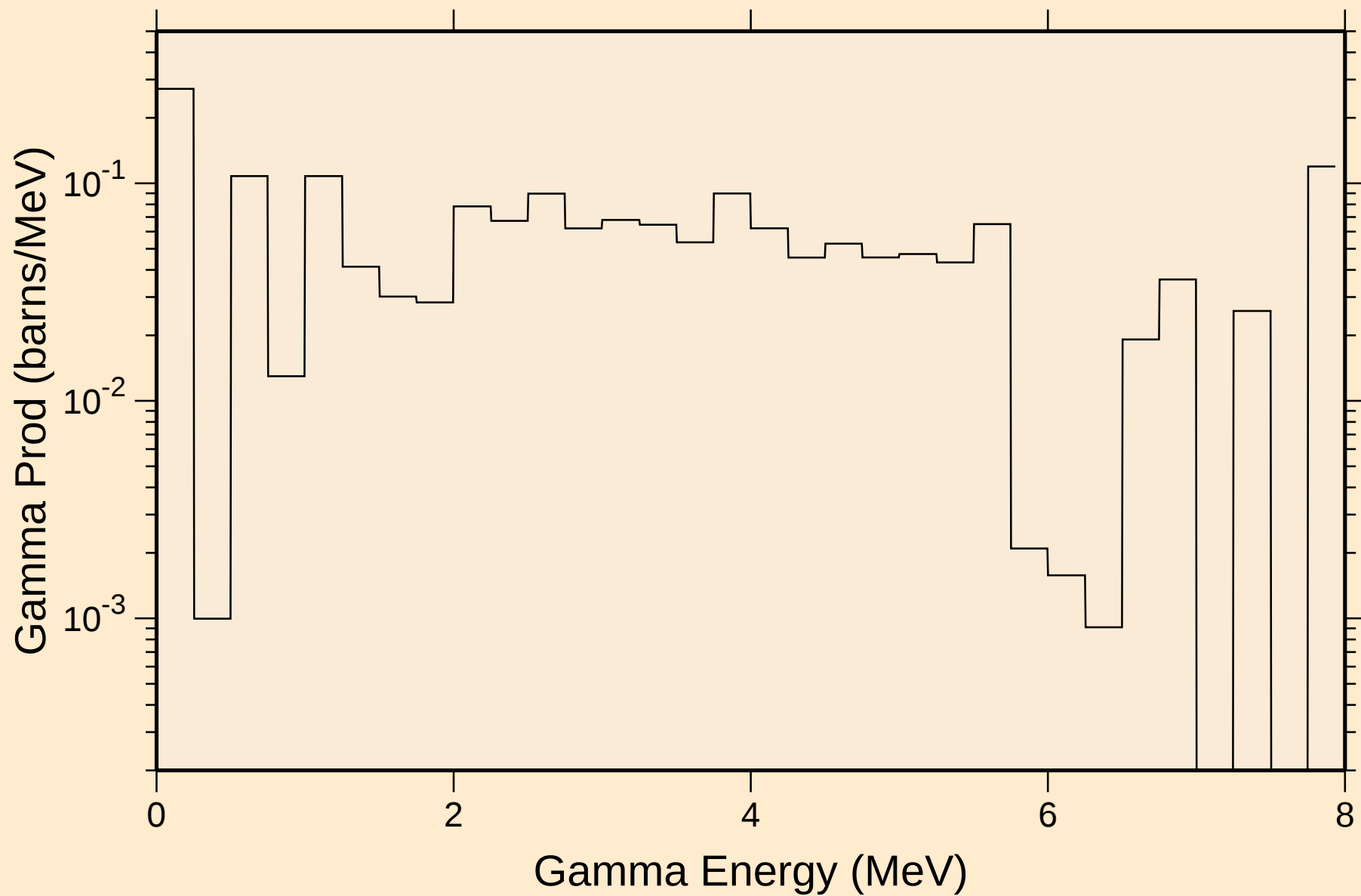


JEFF-3.1 P-31

Photon emission for nonelastic



JEFF-3.1 P-31  
thermal capture photon spectrum



JEFF-3.1 P-31

14 MeV photon spectrum

