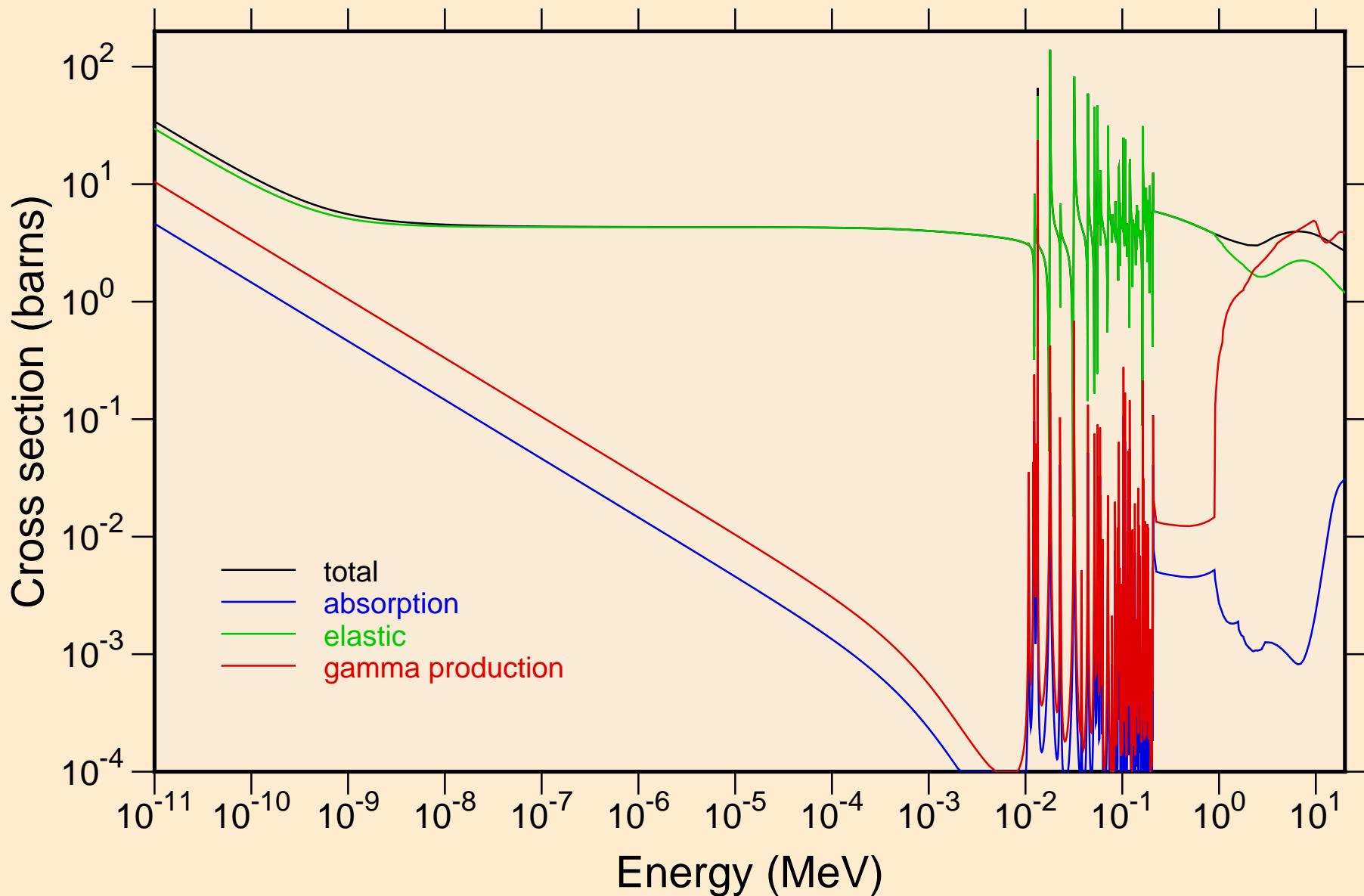
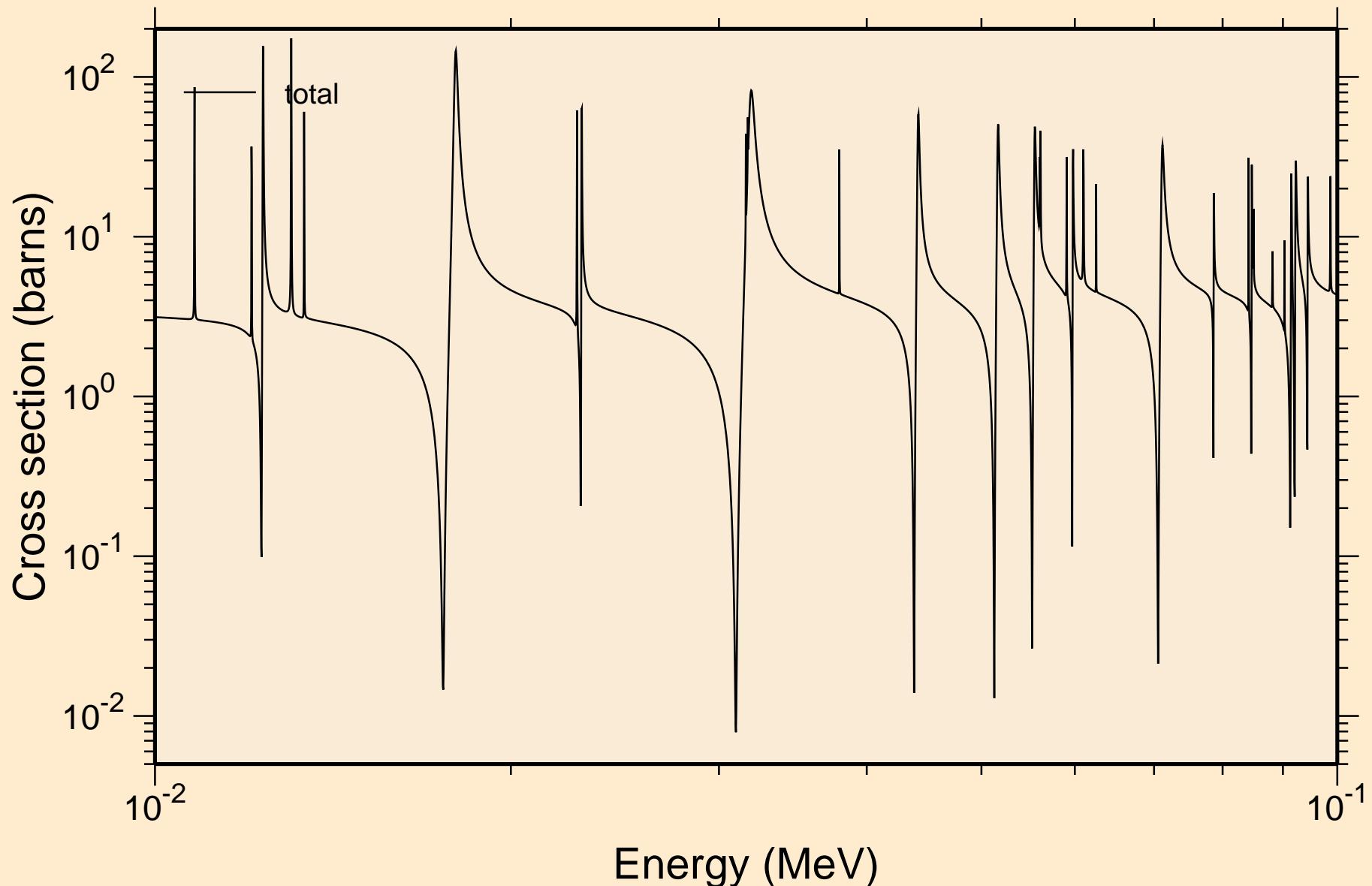


# ENDF/B-VII.1 ZN-70

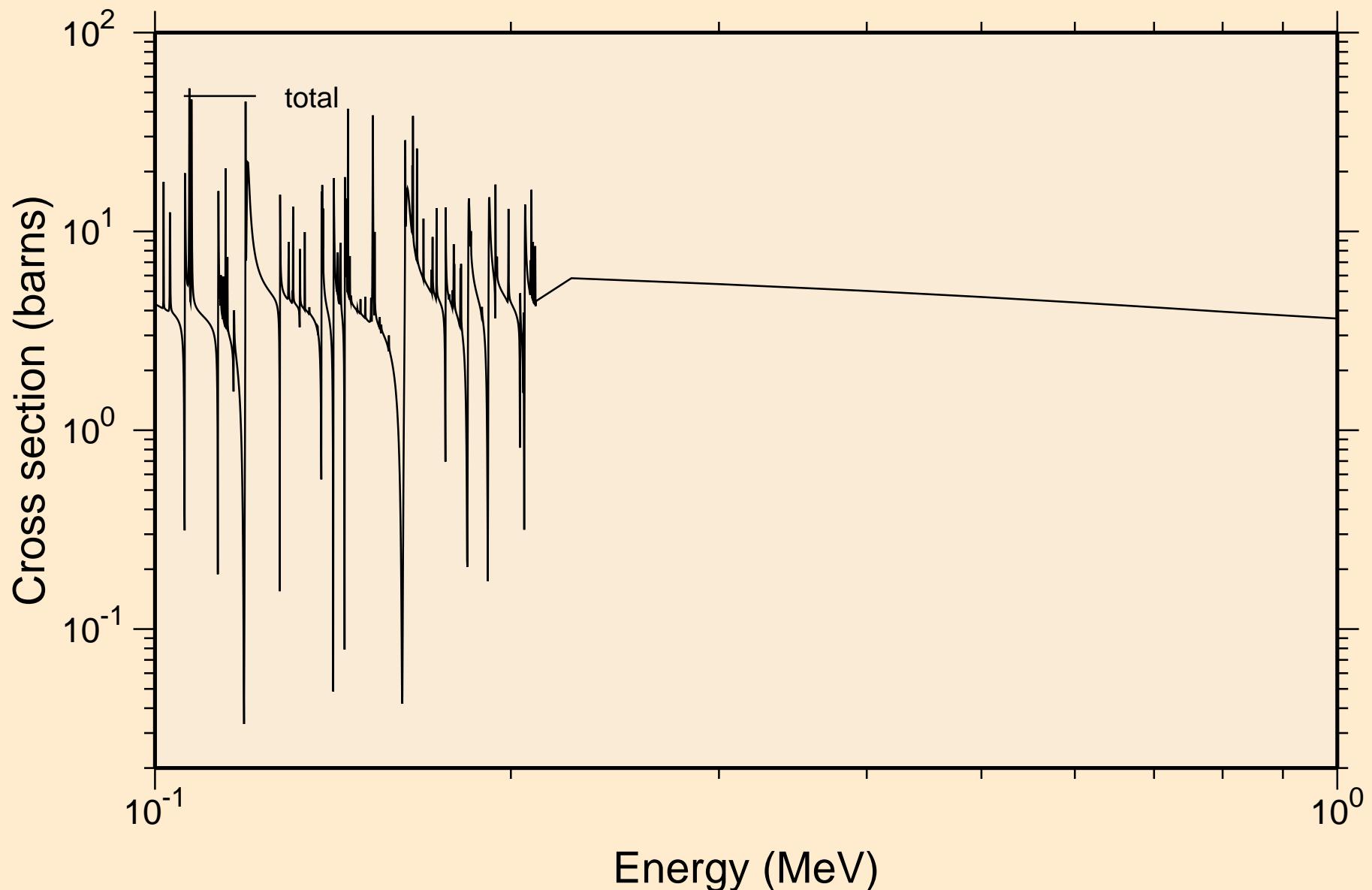
## Principal cross sections



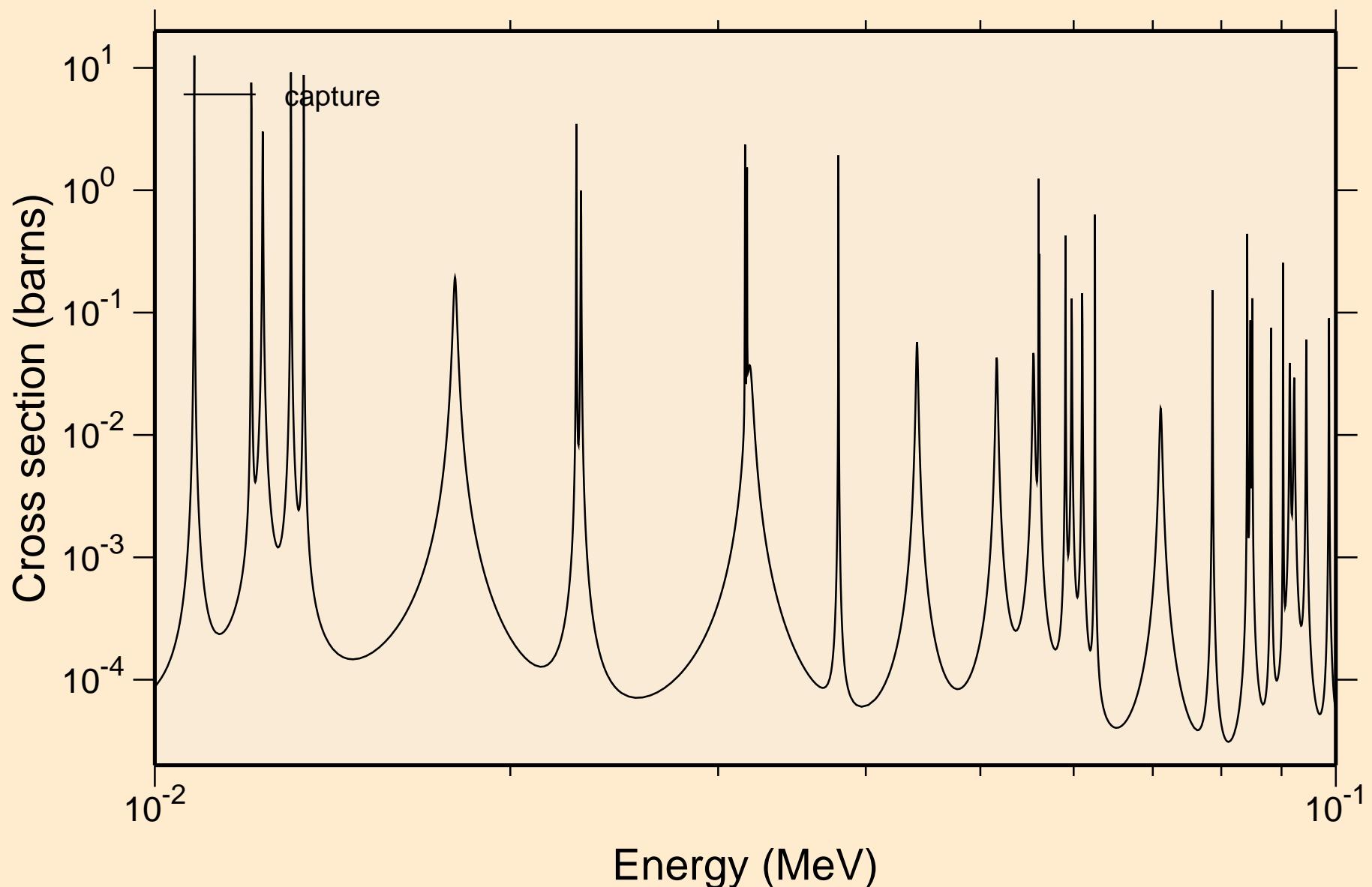
ENDF/B-VII.1 ZN-70  
resonance total cross section



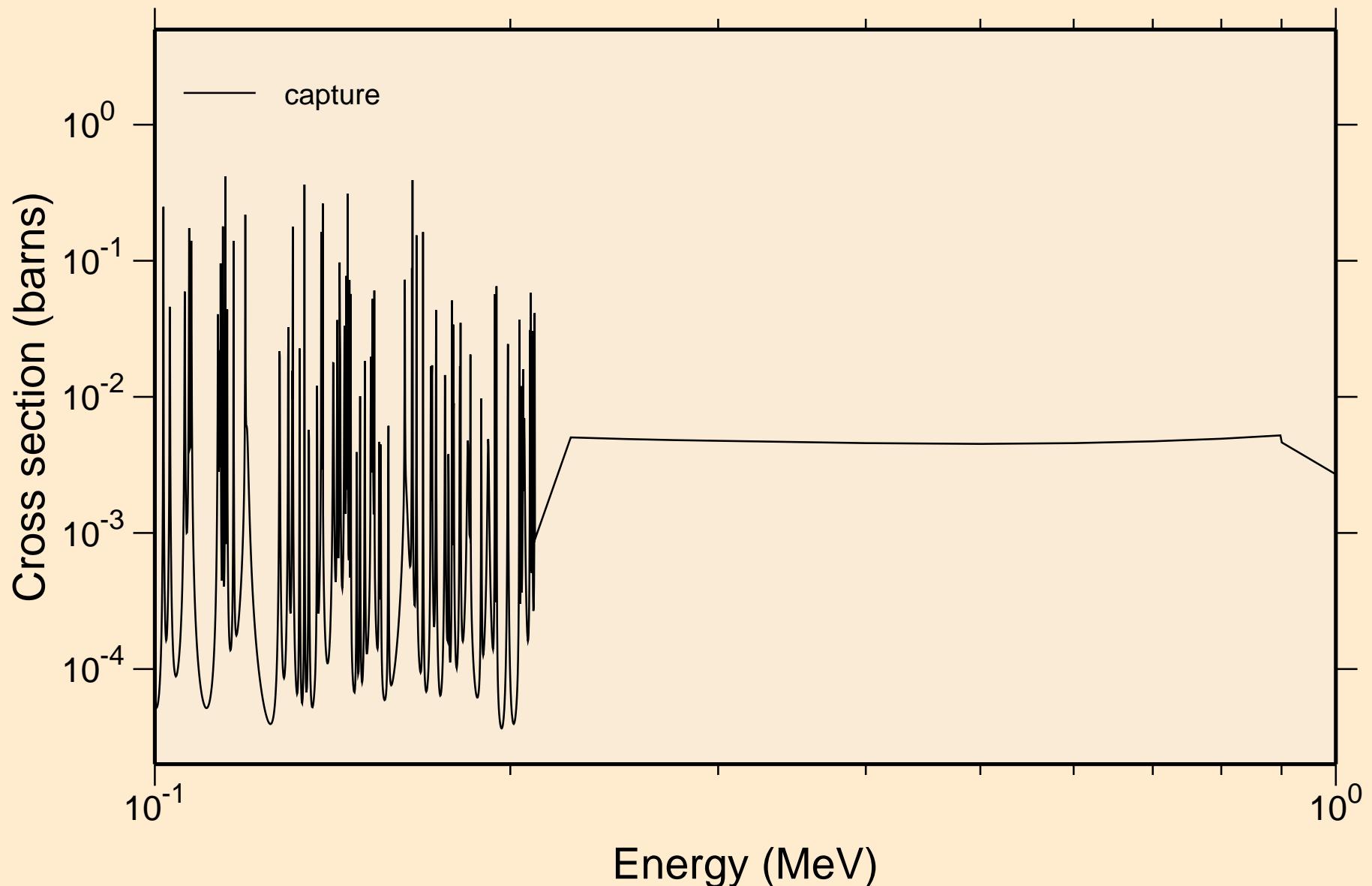
ENDF/B-VII.1 ZN-70  
resonance total cross section



ENDF/B-VII.1 ZN-70  
resonance absorption cross sections

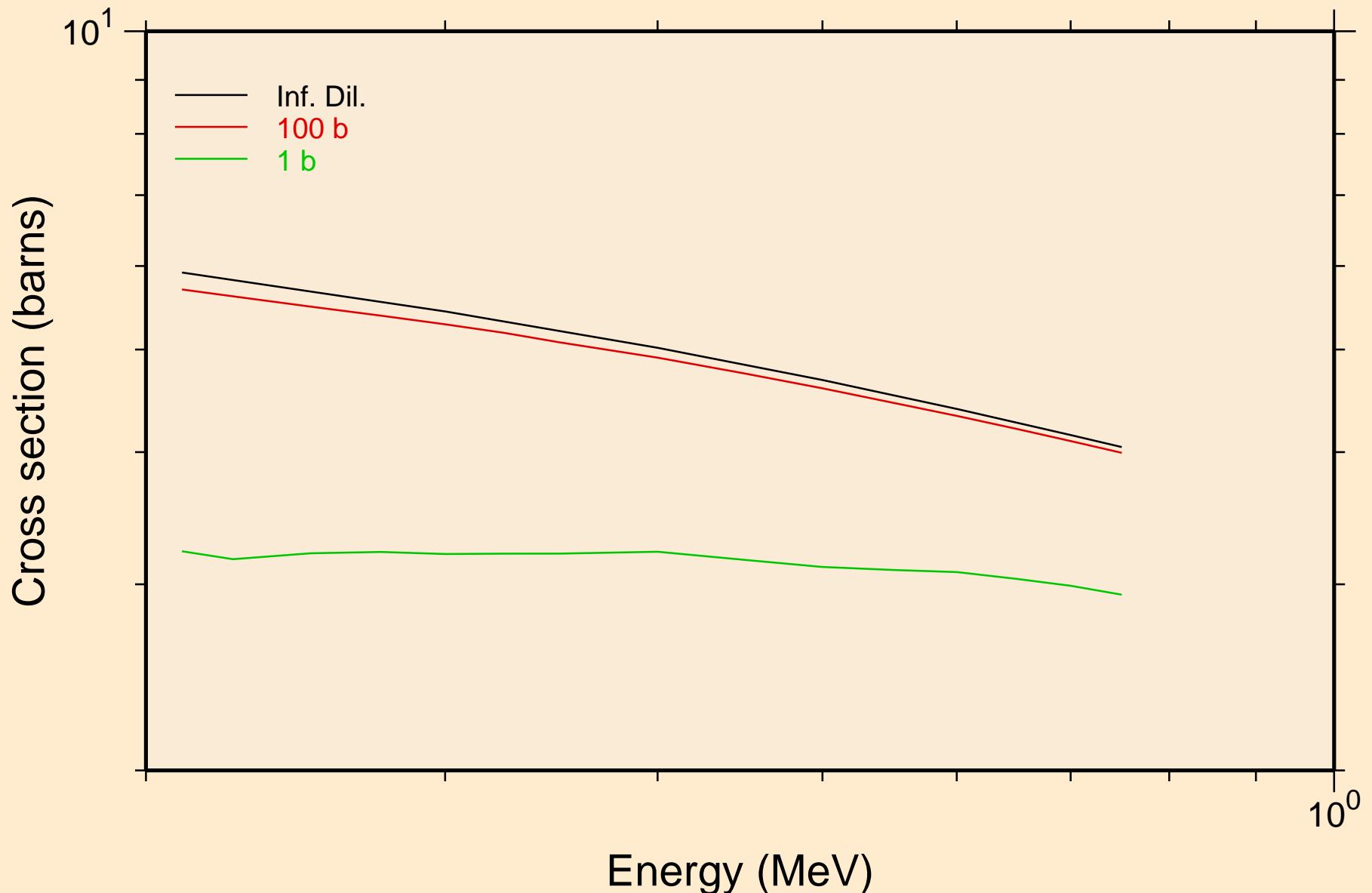


ENDF/B-VII.1 ZN-70  
resonance absorption cross sections



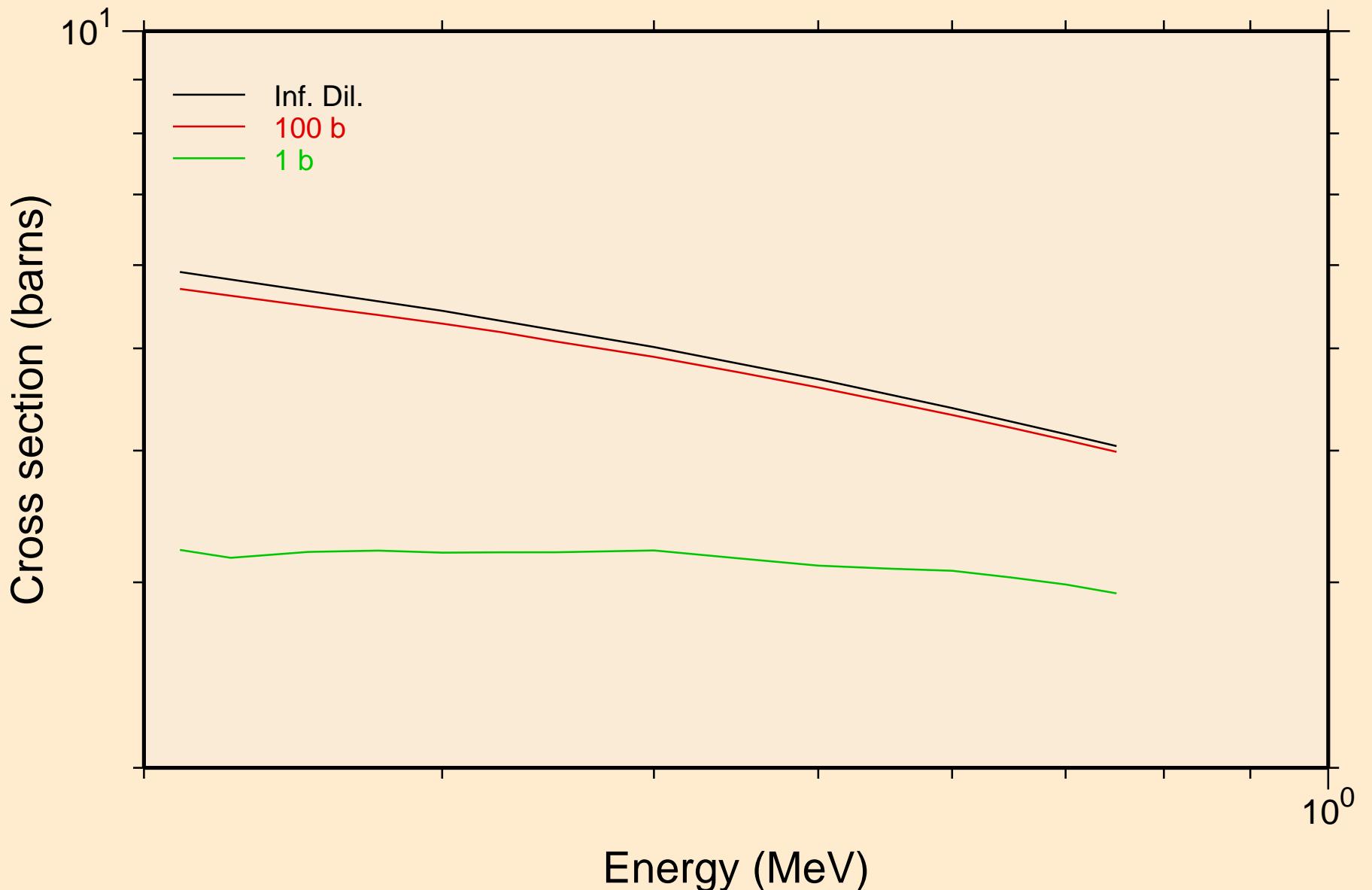
# ENDF/B-VII.1 ZN-70

## UR total cross section



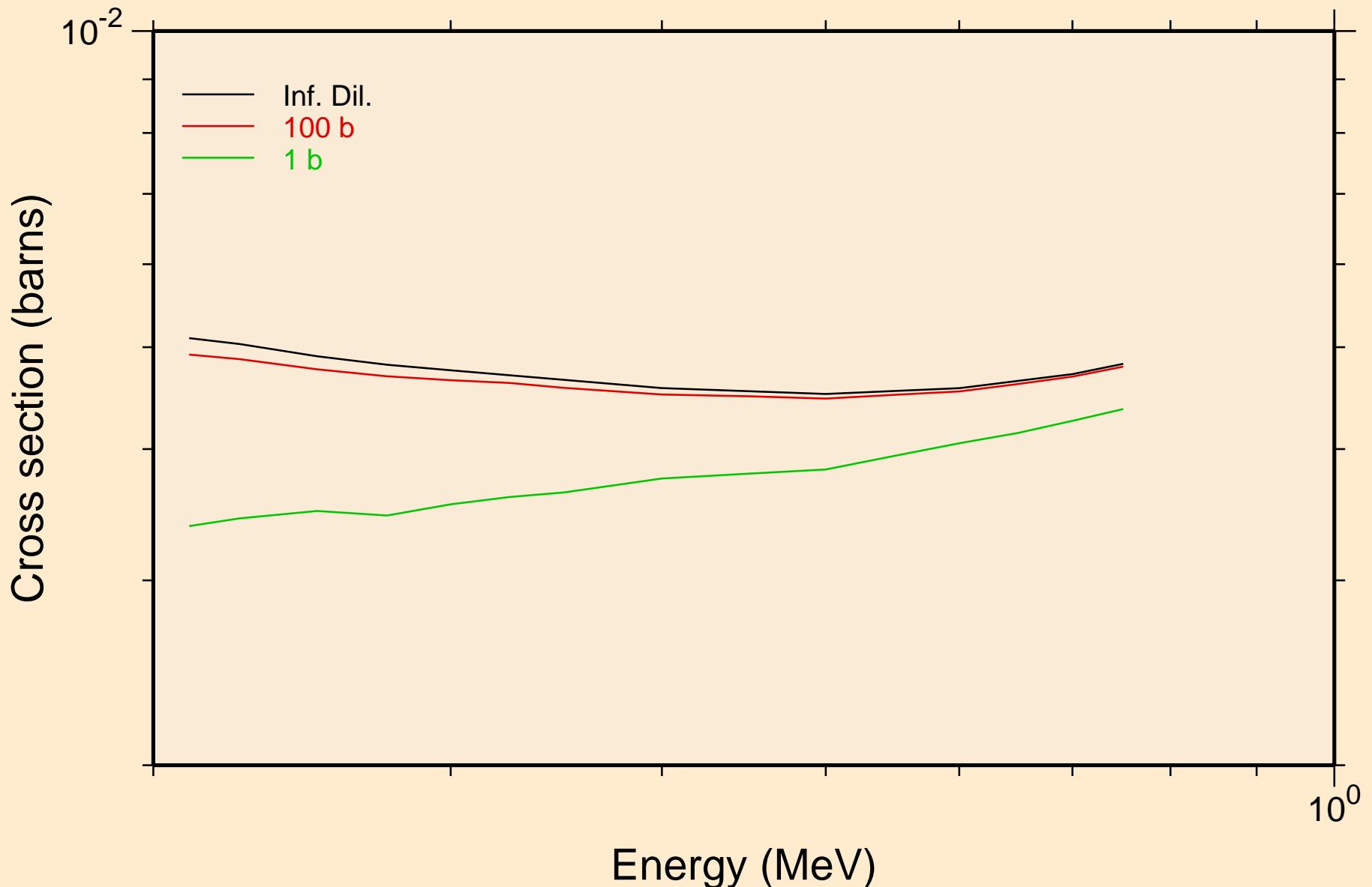
# ENDF/B-VII.1 ZN-70

## UR elastic cross section

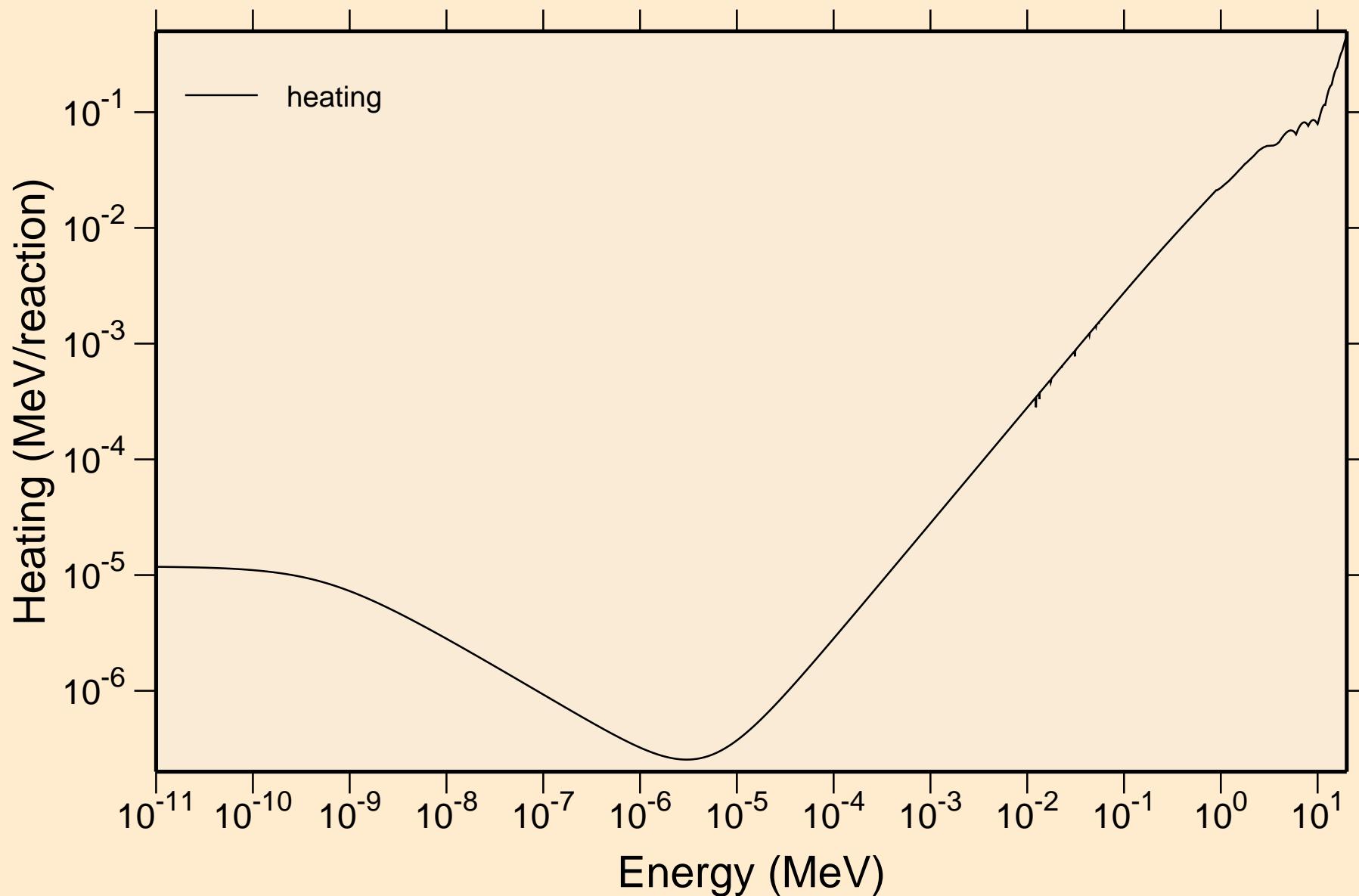


# ENDF/B-VII.1 ZN-70

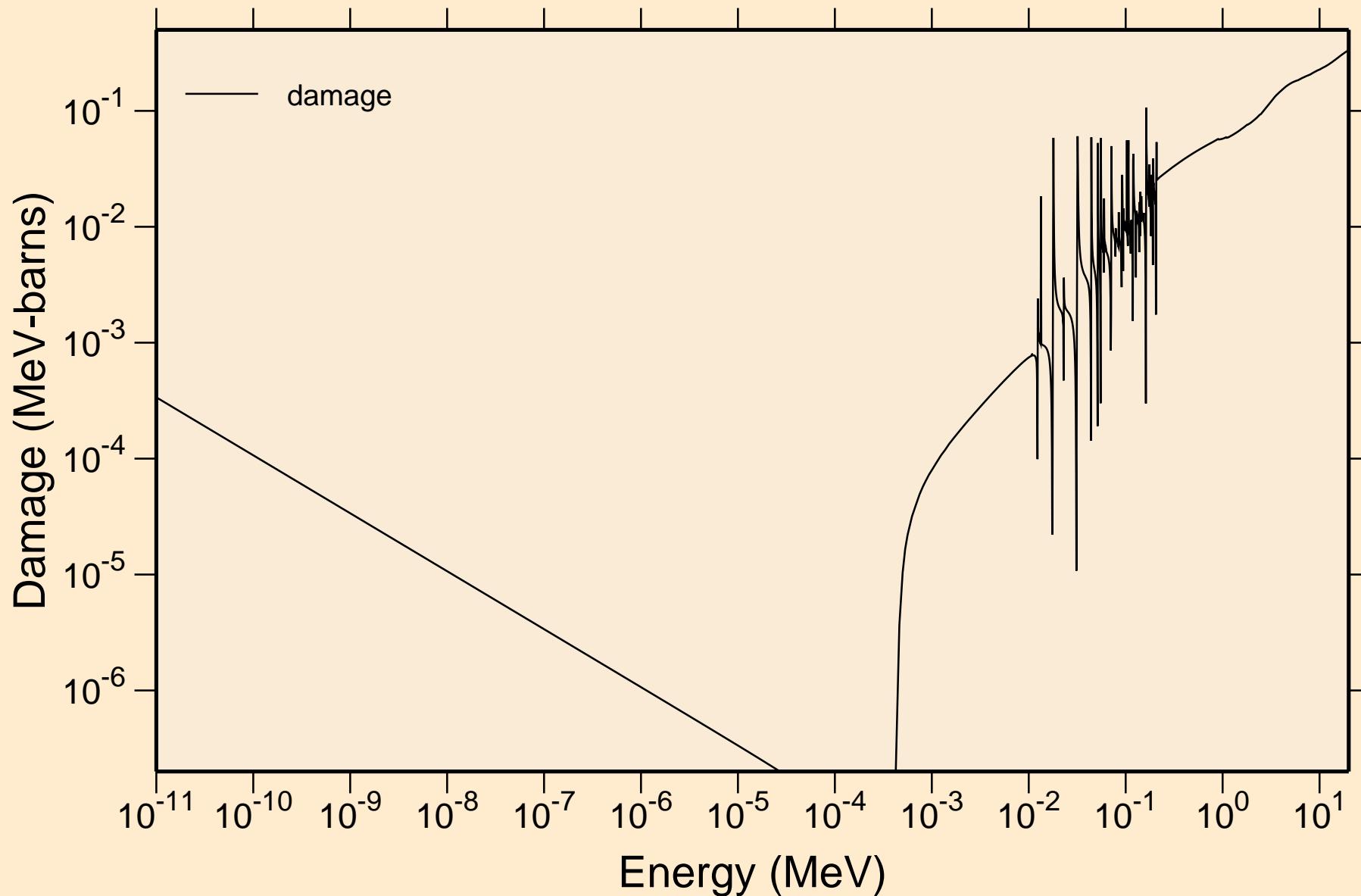
## UR capture cross section



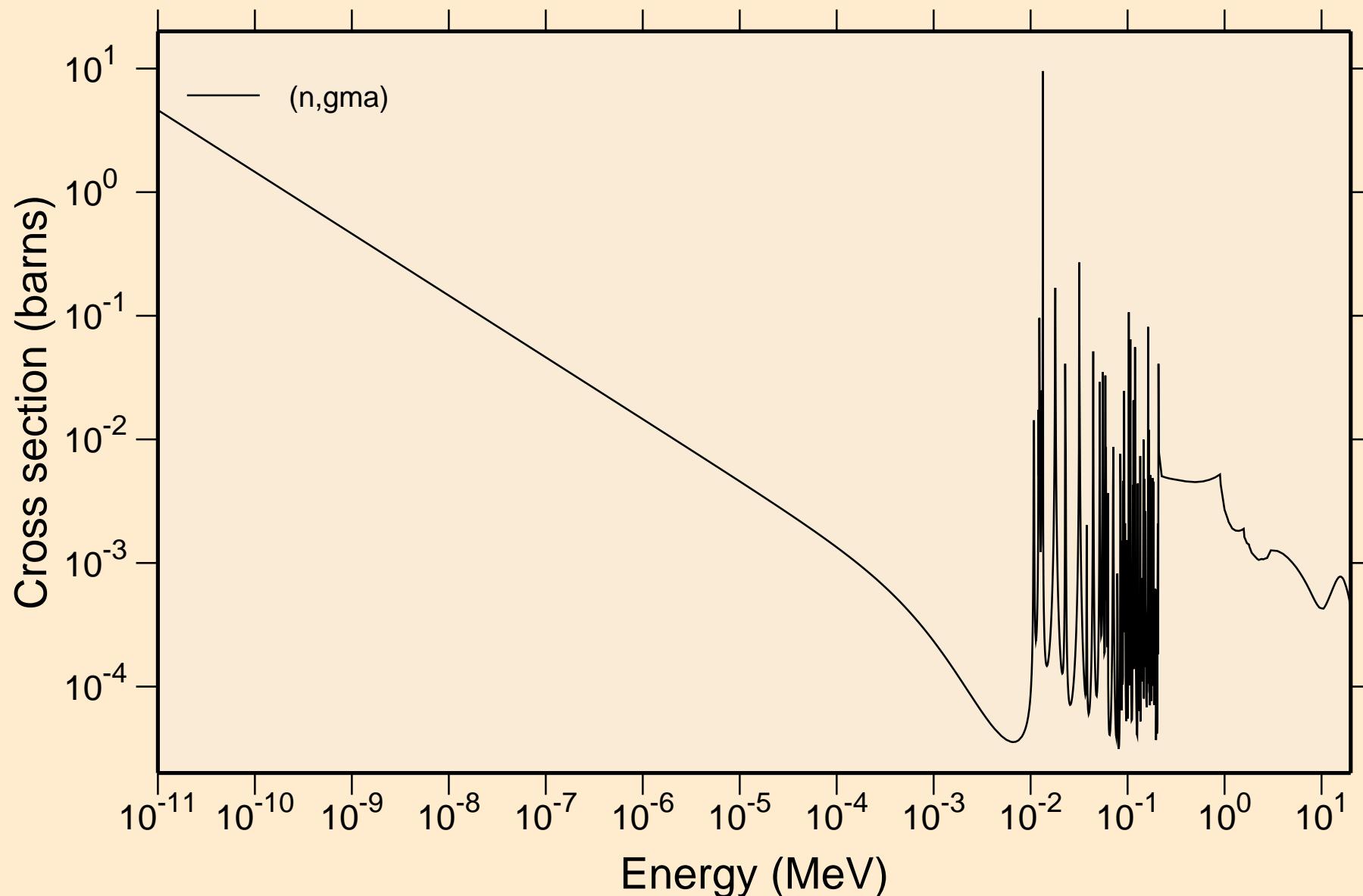
ENDF/B-VII.1 ZN-70  
Heating



ENDF/B-VII.1 ZN-70  
Damage

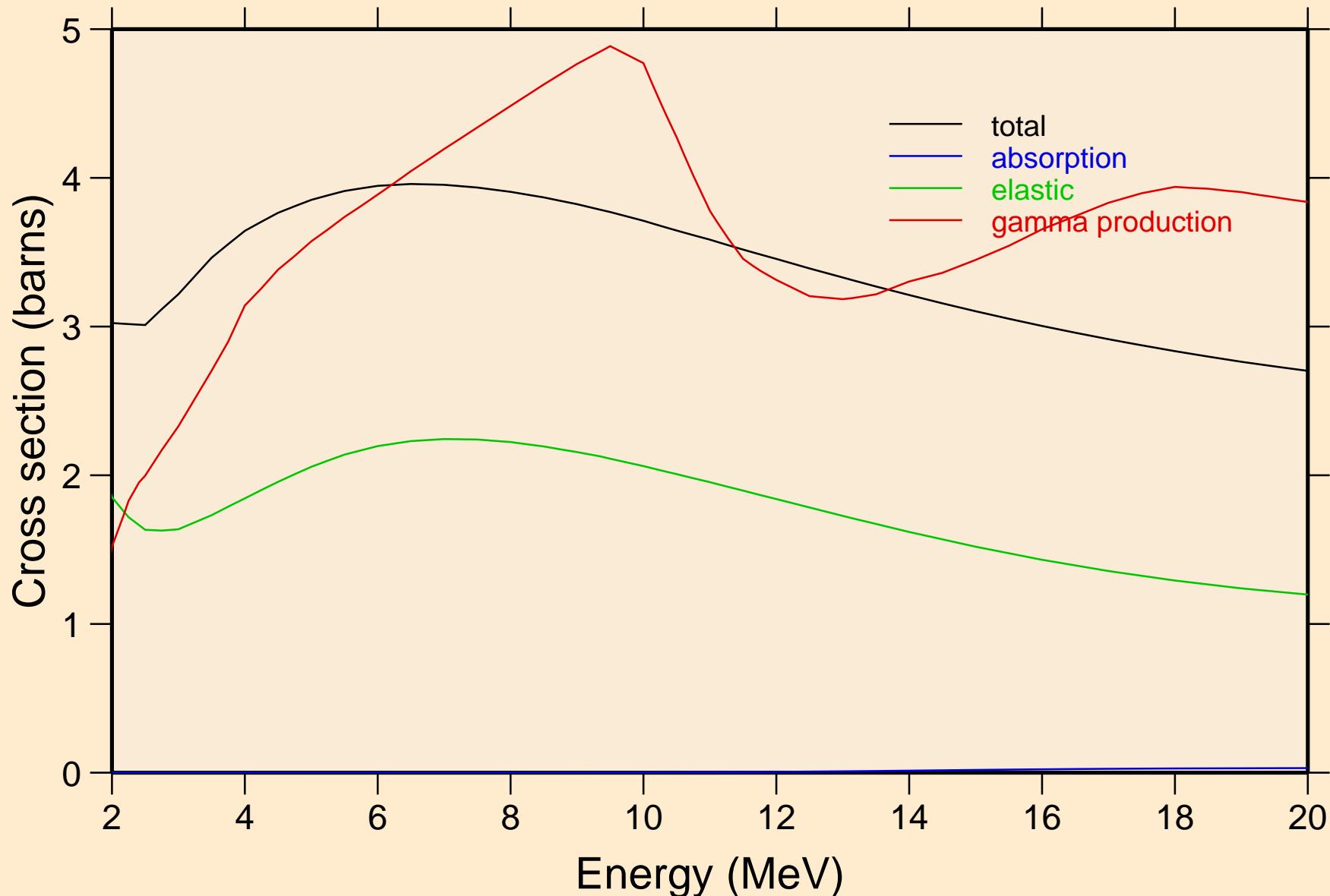


ENDF/B-VII.1 ZN-70  
Non-threshold reactions

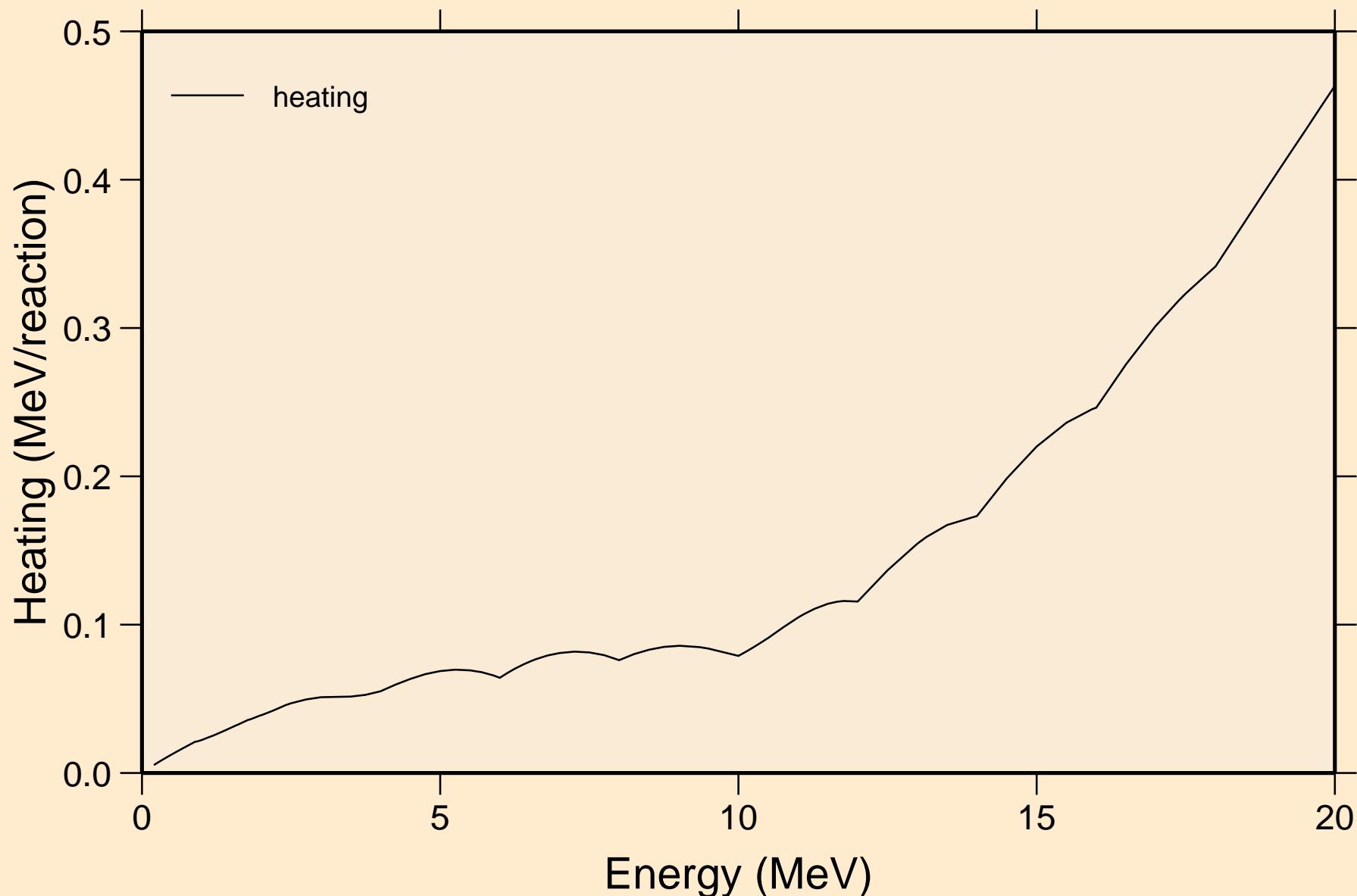


# ENDF/B-VII.1 ZN-70

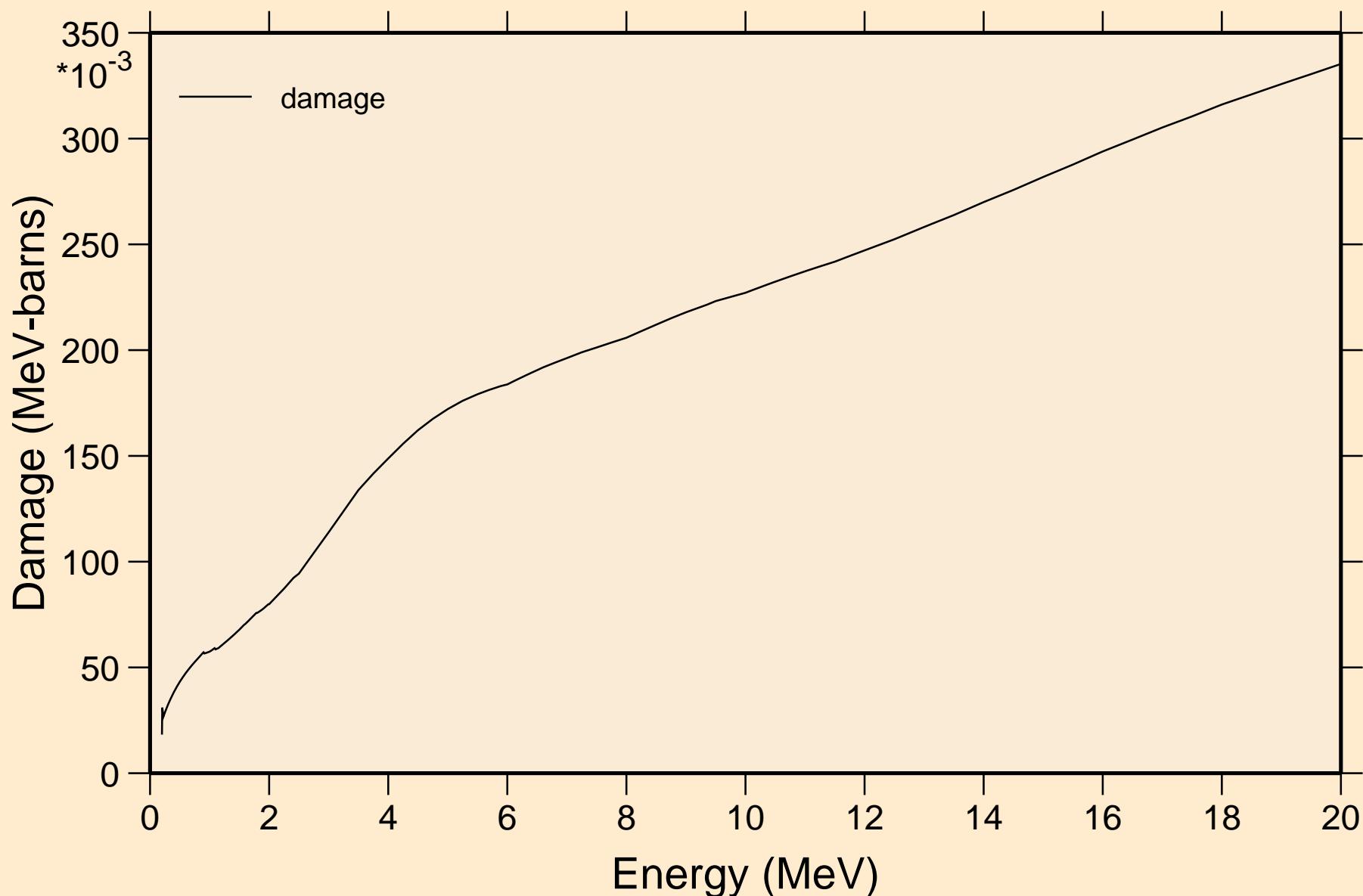
## Principal cross sections



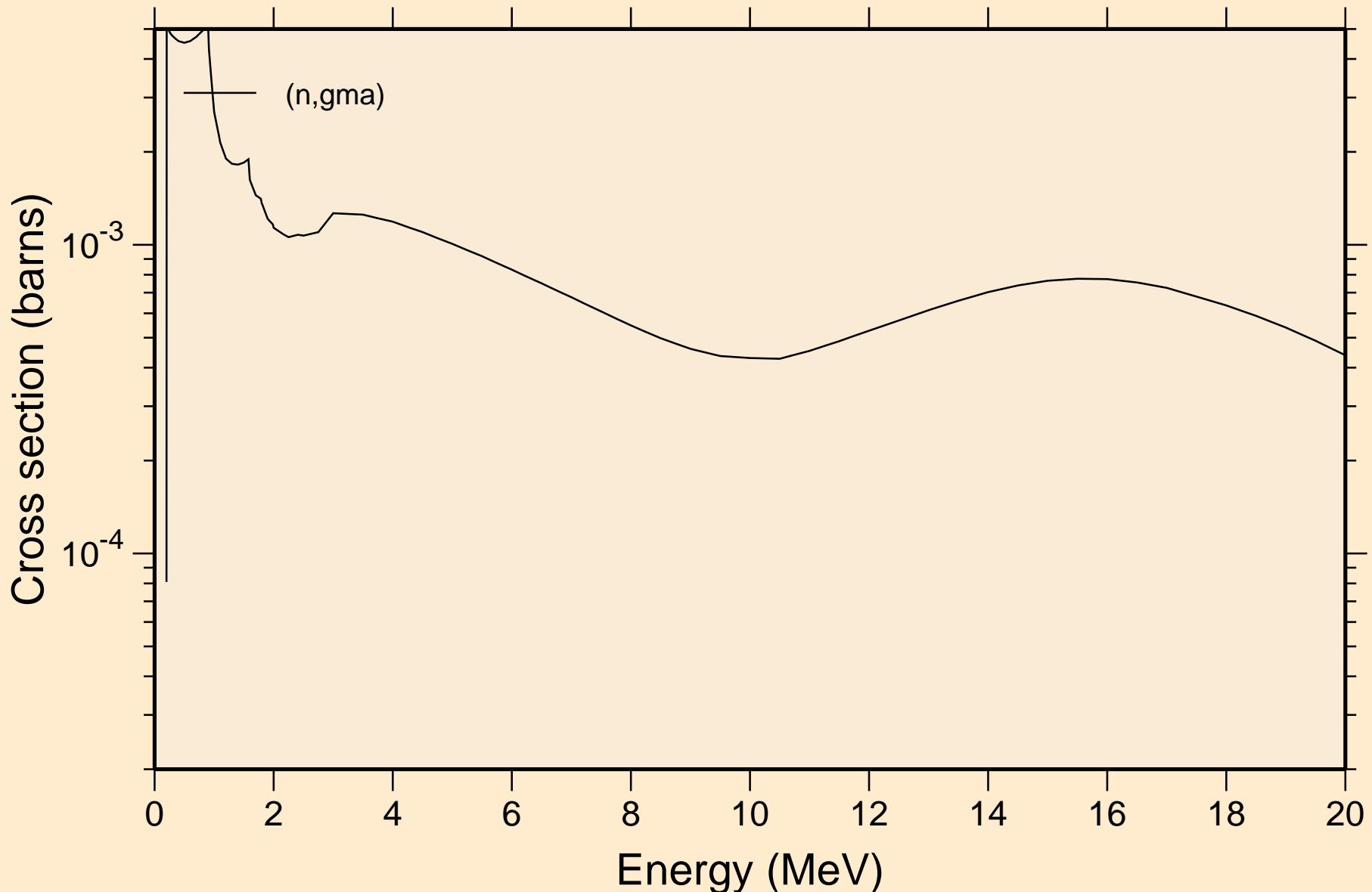
ENDF/B-VII.1 ZN-70  
Heating



ENDF/B-VII.1 ZN-70  
Damage

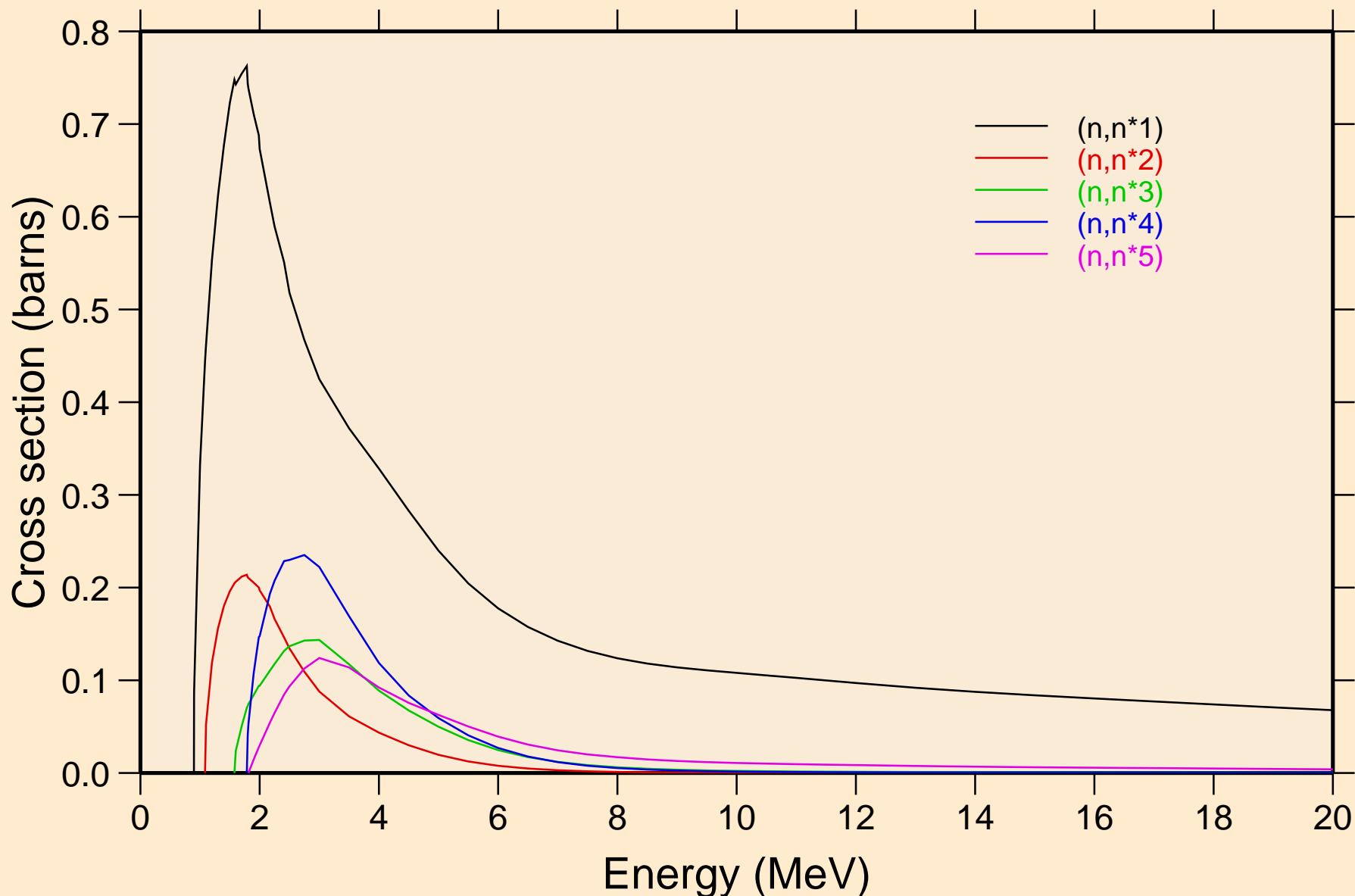


ENDF/B-VII.1 ZN-70  
Non-threshold reactions

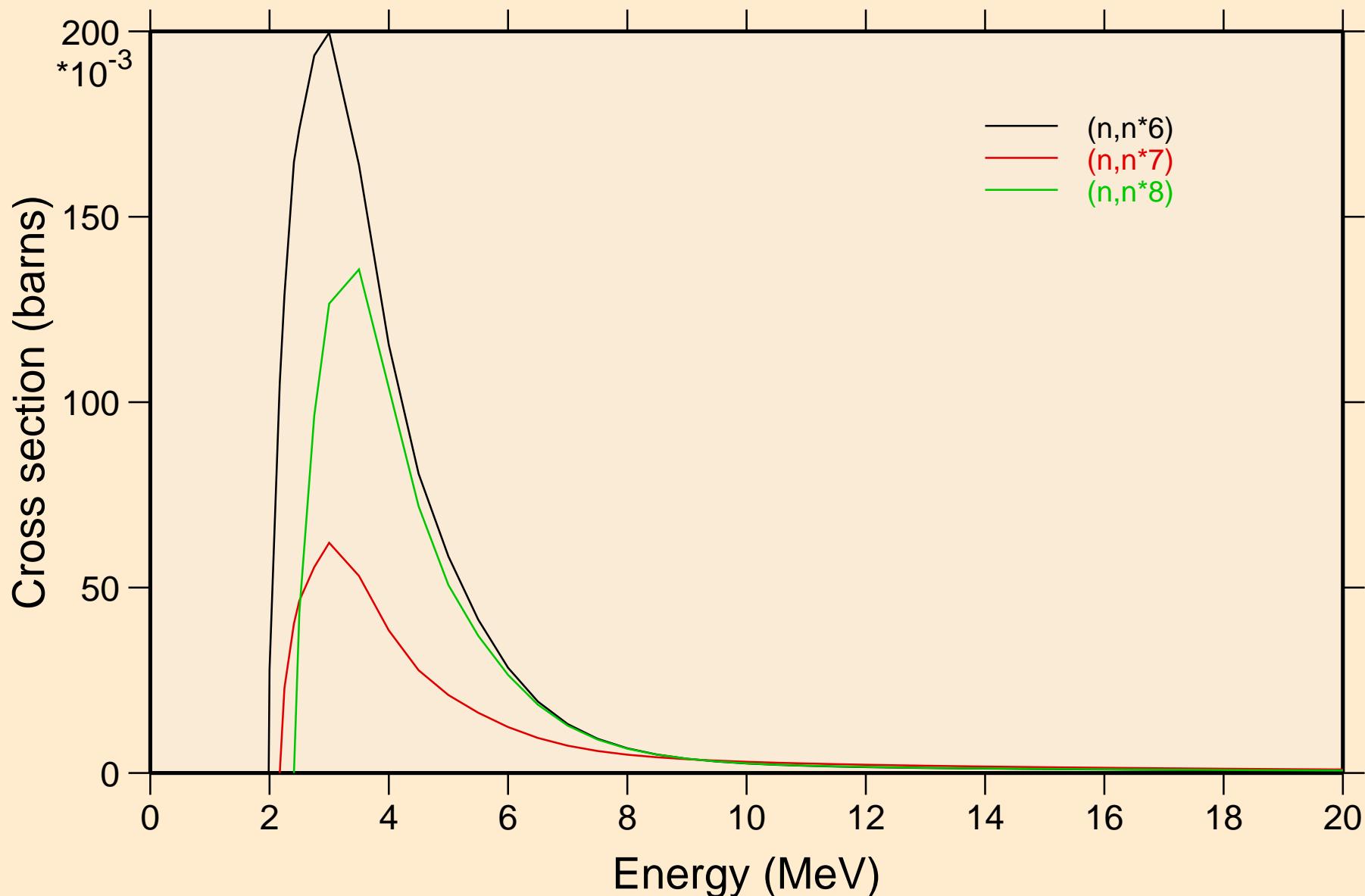


# ENDF/B-VII.1 ZN-70

## Inelastic levels

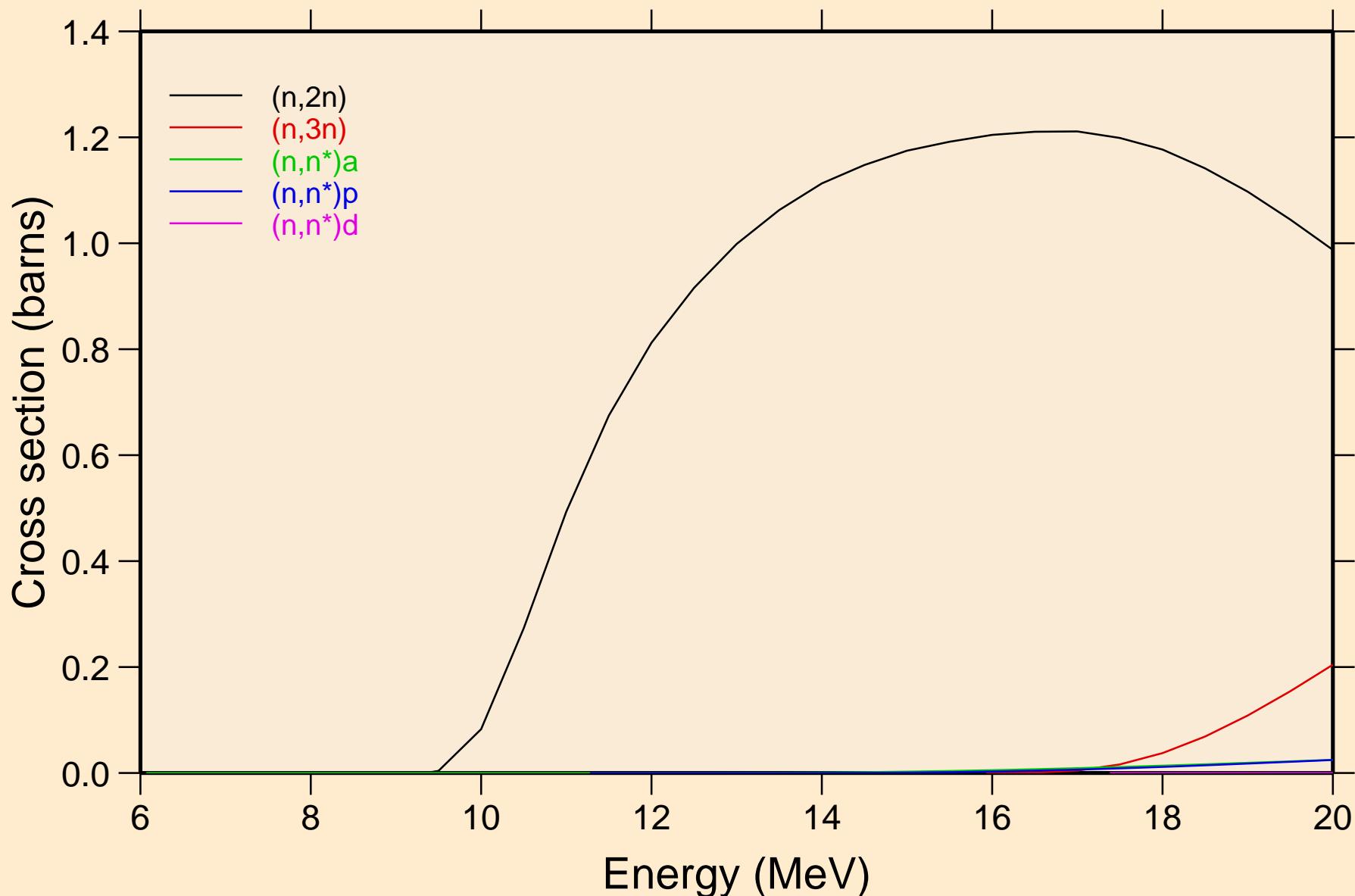


ENDF/B-VII.1 ZN-70  
Inelastic levels



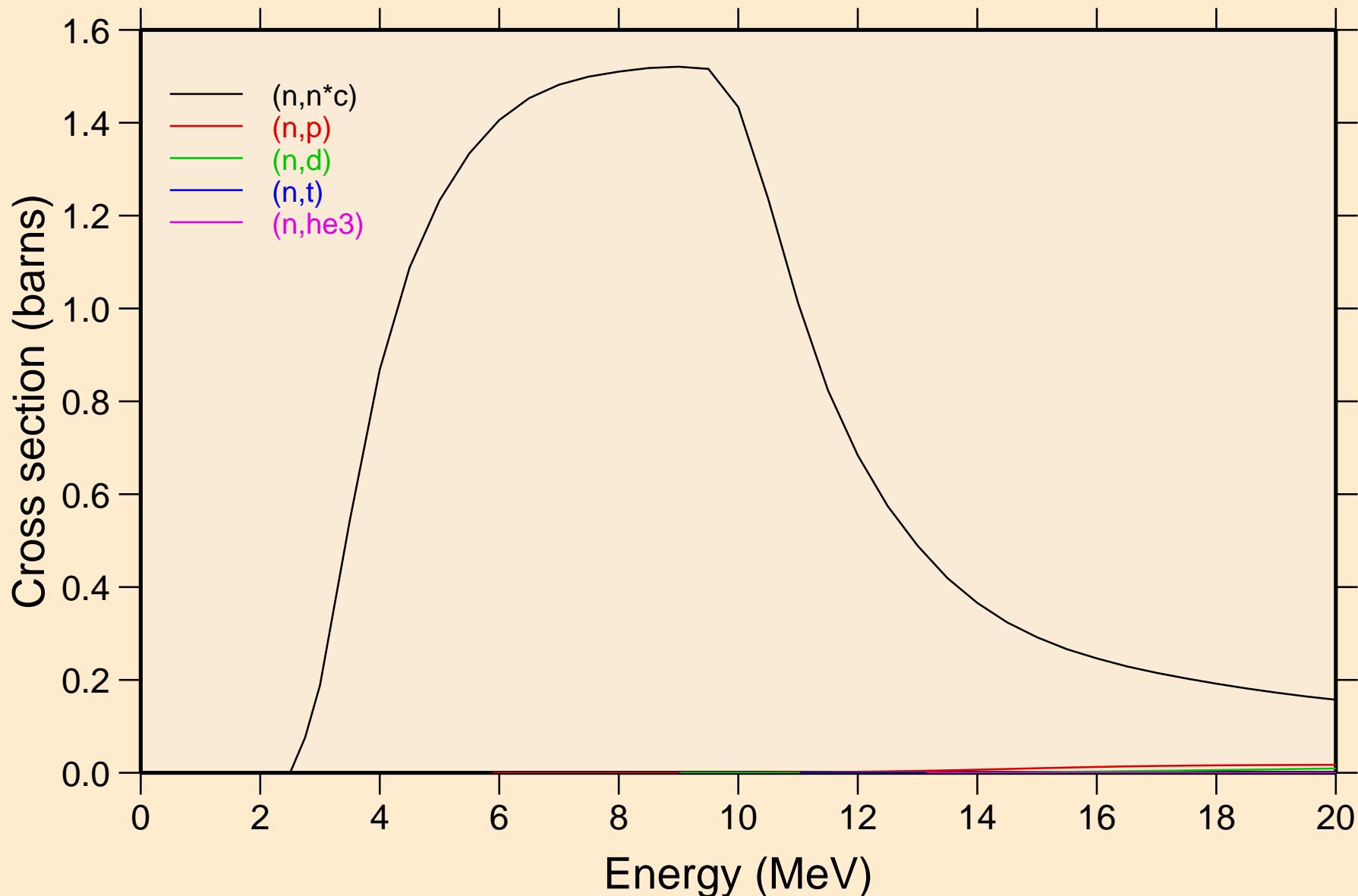
# ENDF/B-VII.1 ZN-70

## Threshold reactions

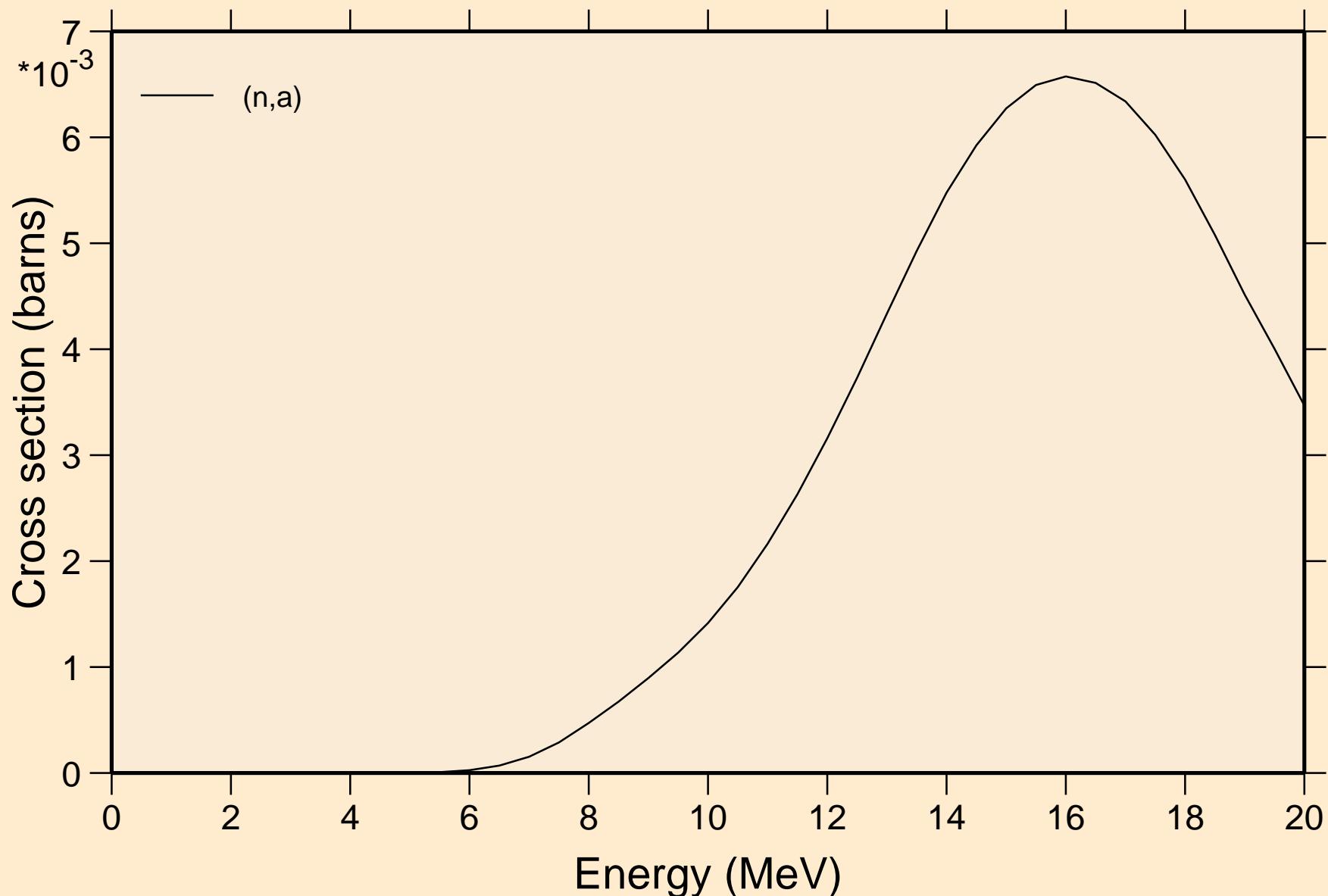


# ENDF/B-VII.1 ZN-70

## Threshold reactions

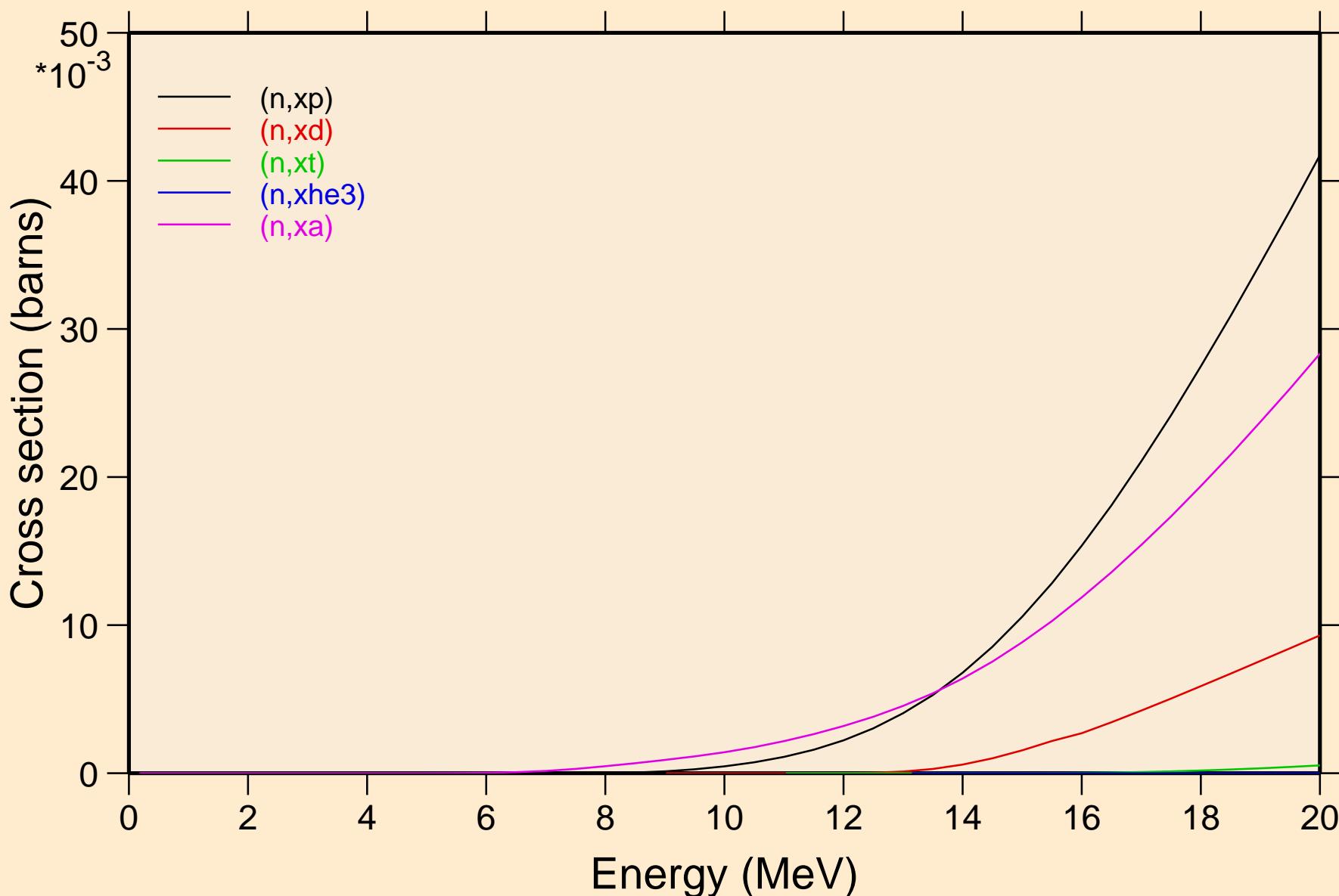


ENDF/B-VII.1 ZN-70  
Threshold reactions

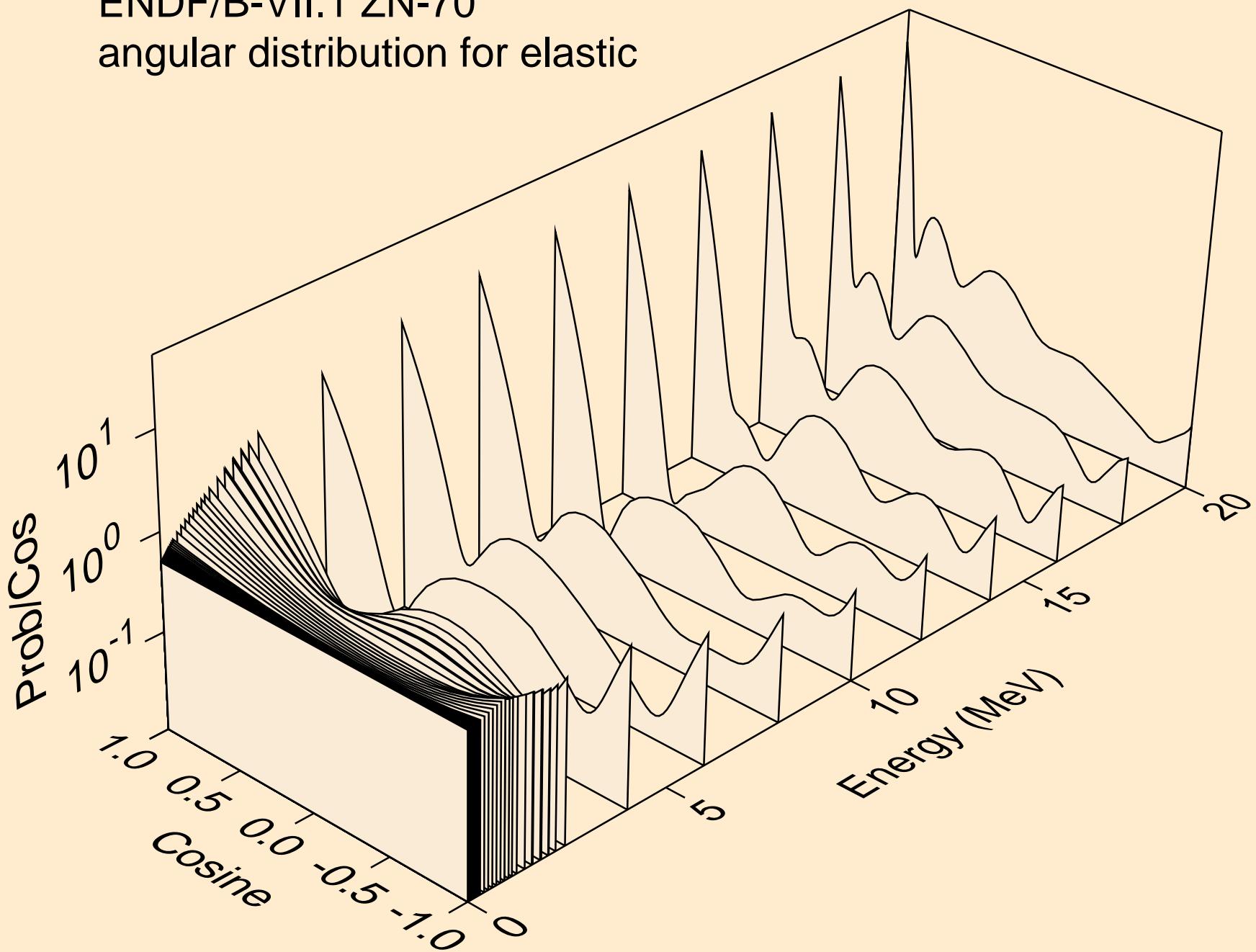


# ENDF/B-VII.1 ZN-70

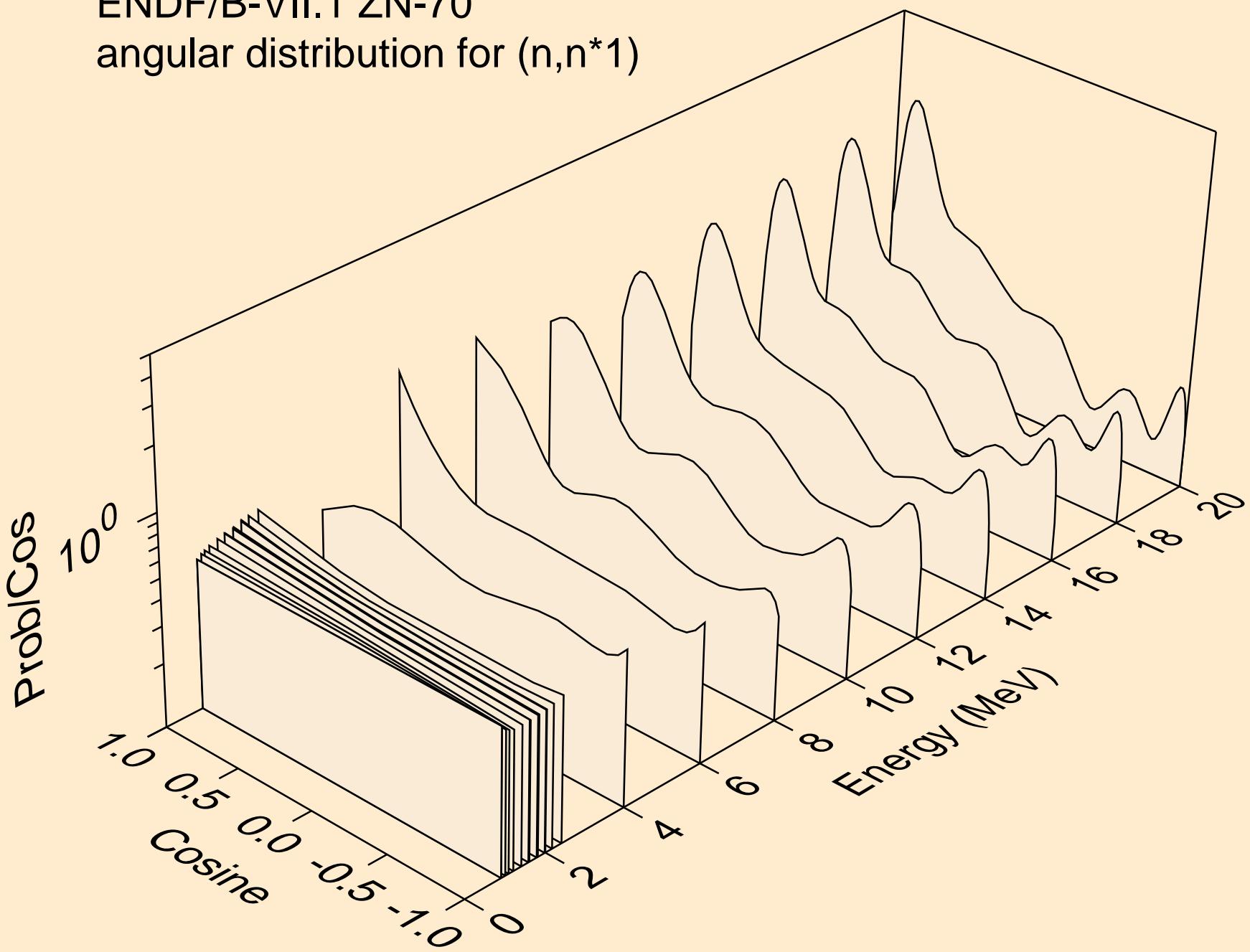
## Threshold reactions



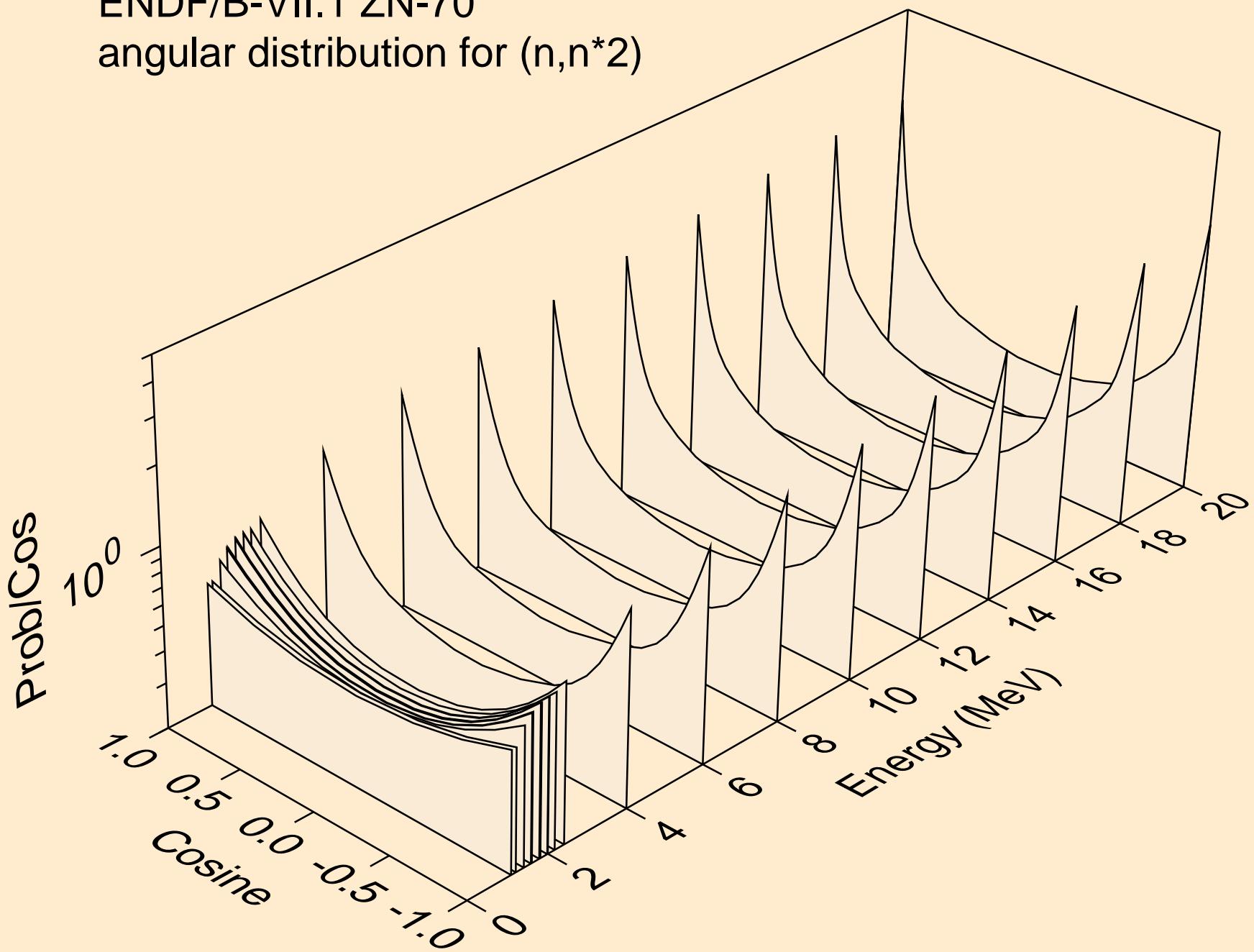
ENDF/B-VII.1 ZN-70  
angular distribution for elastic



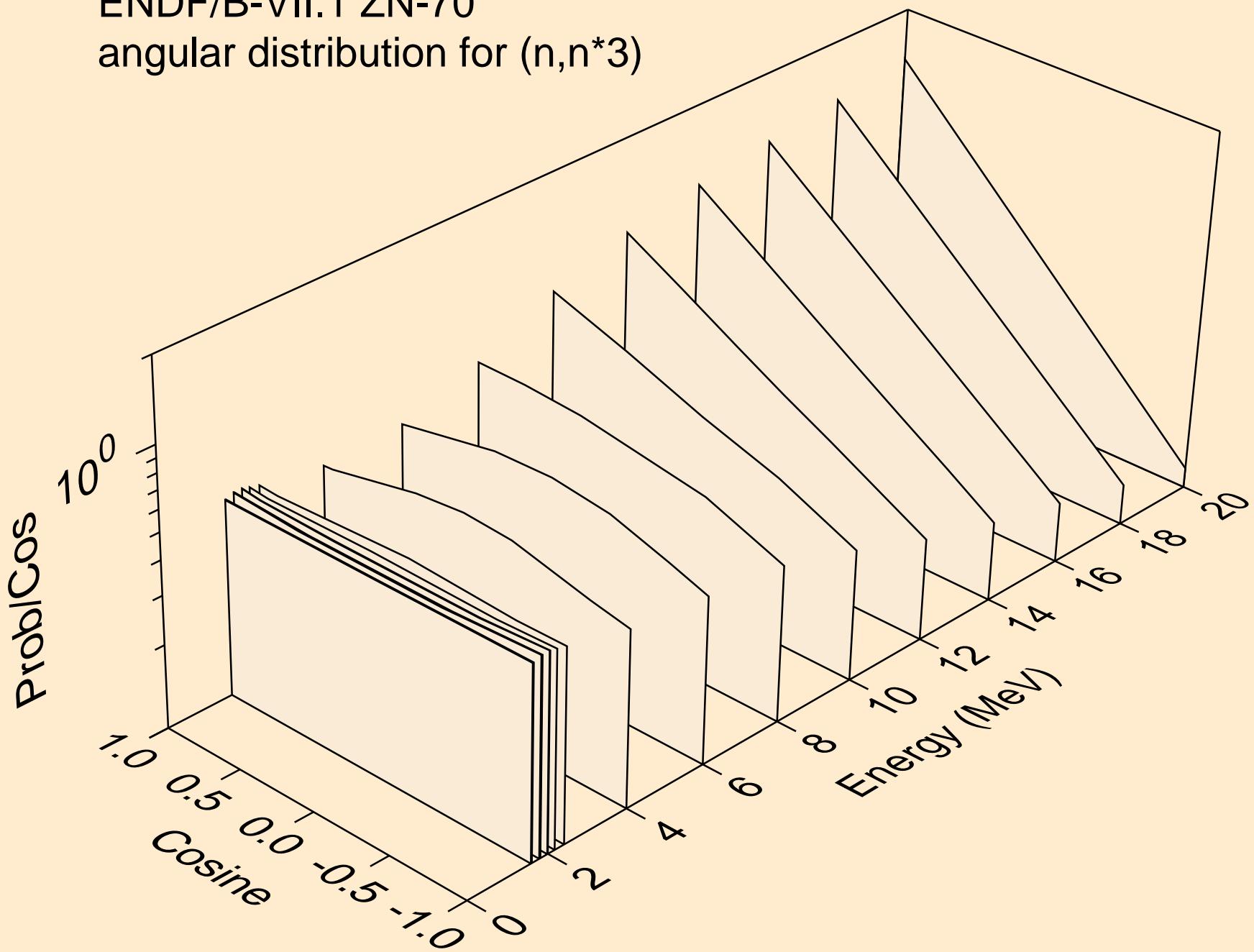
ENDF/B-VII.1 ZN-70  
angular distribution for (n,n\*1)



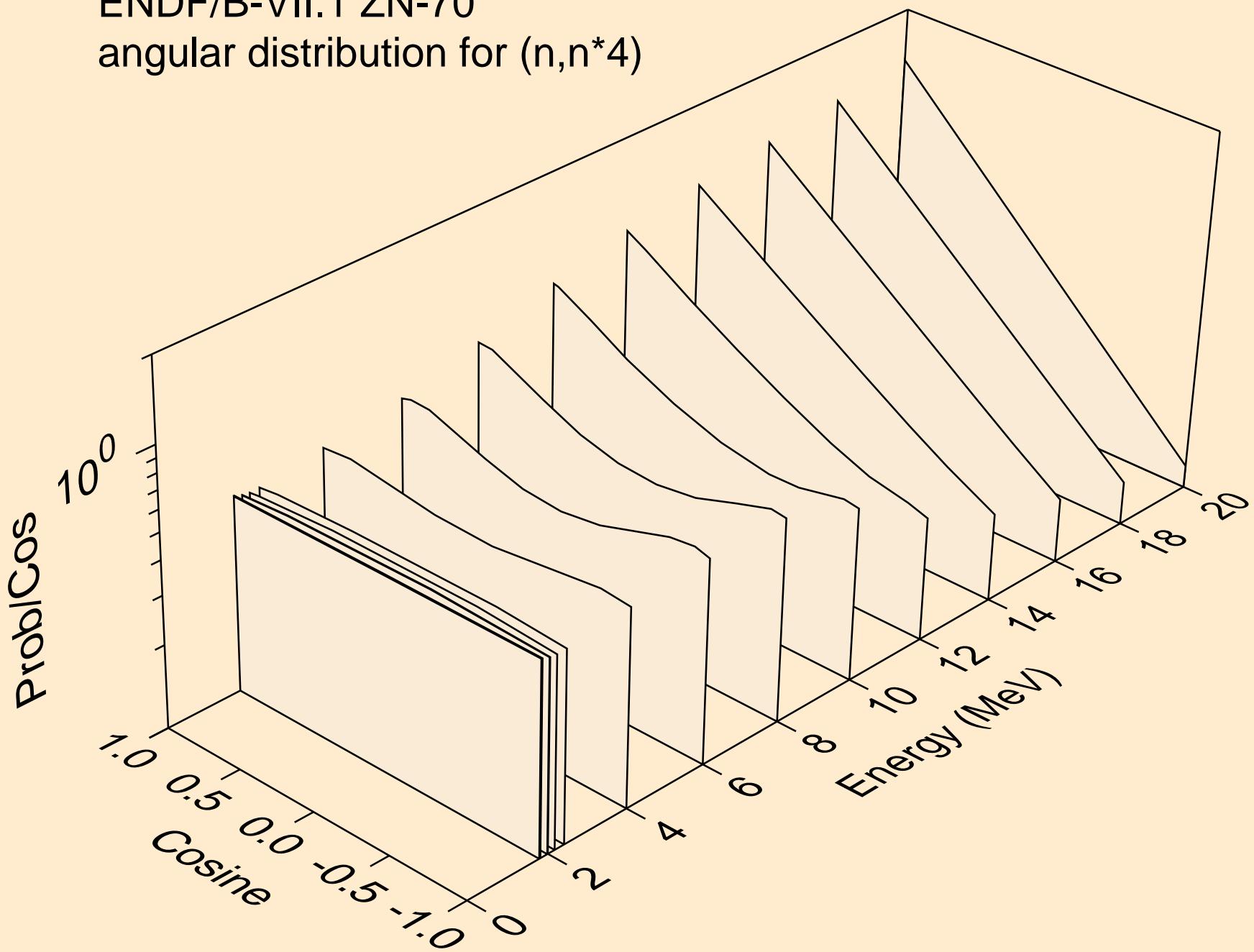
ENDF/B-VII.1 ZN-70  
angular distribution for  $(n,n^2)$



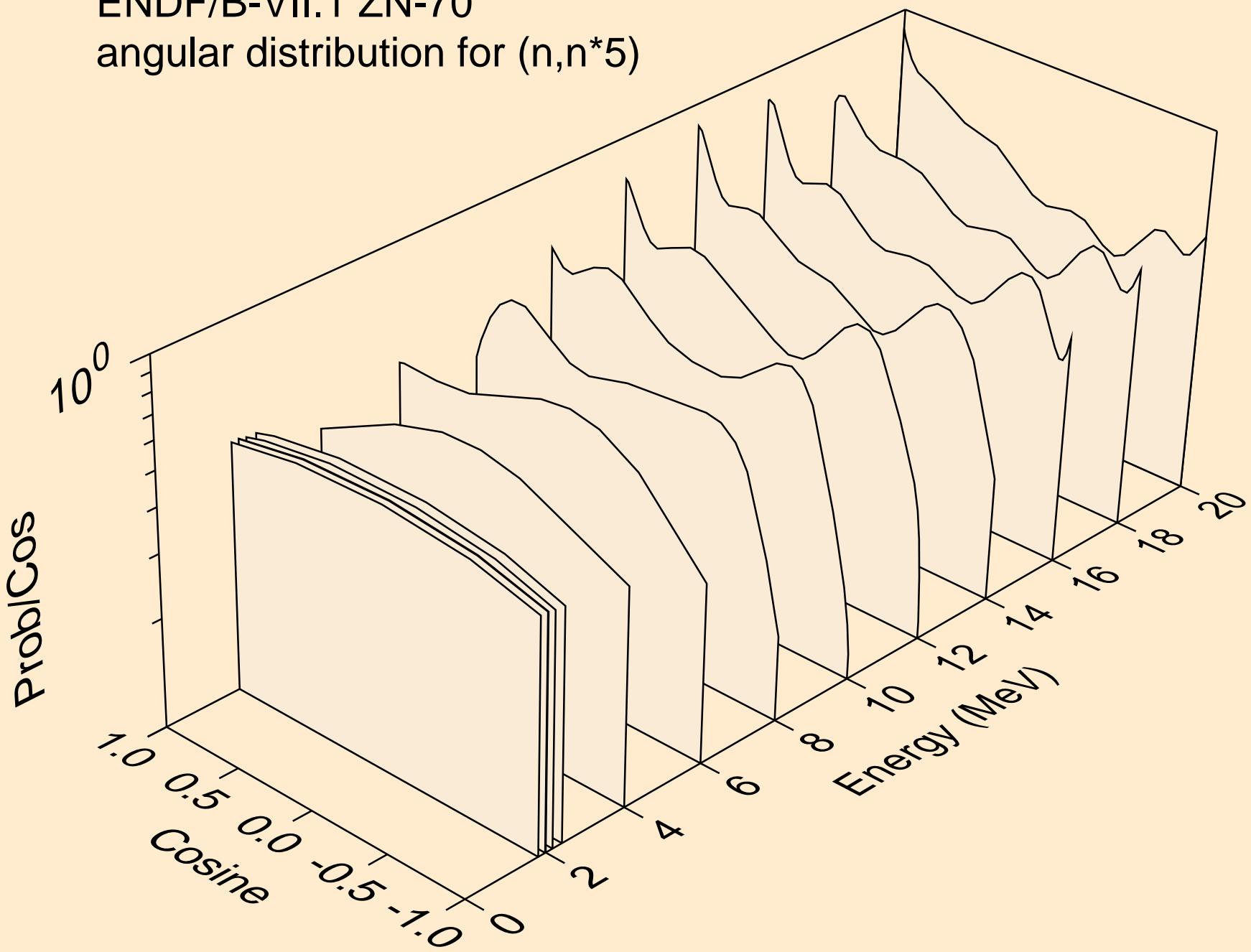
ENDF/B-VII.1 ZN-70  
angular distribution for  $(n,n^*3)$



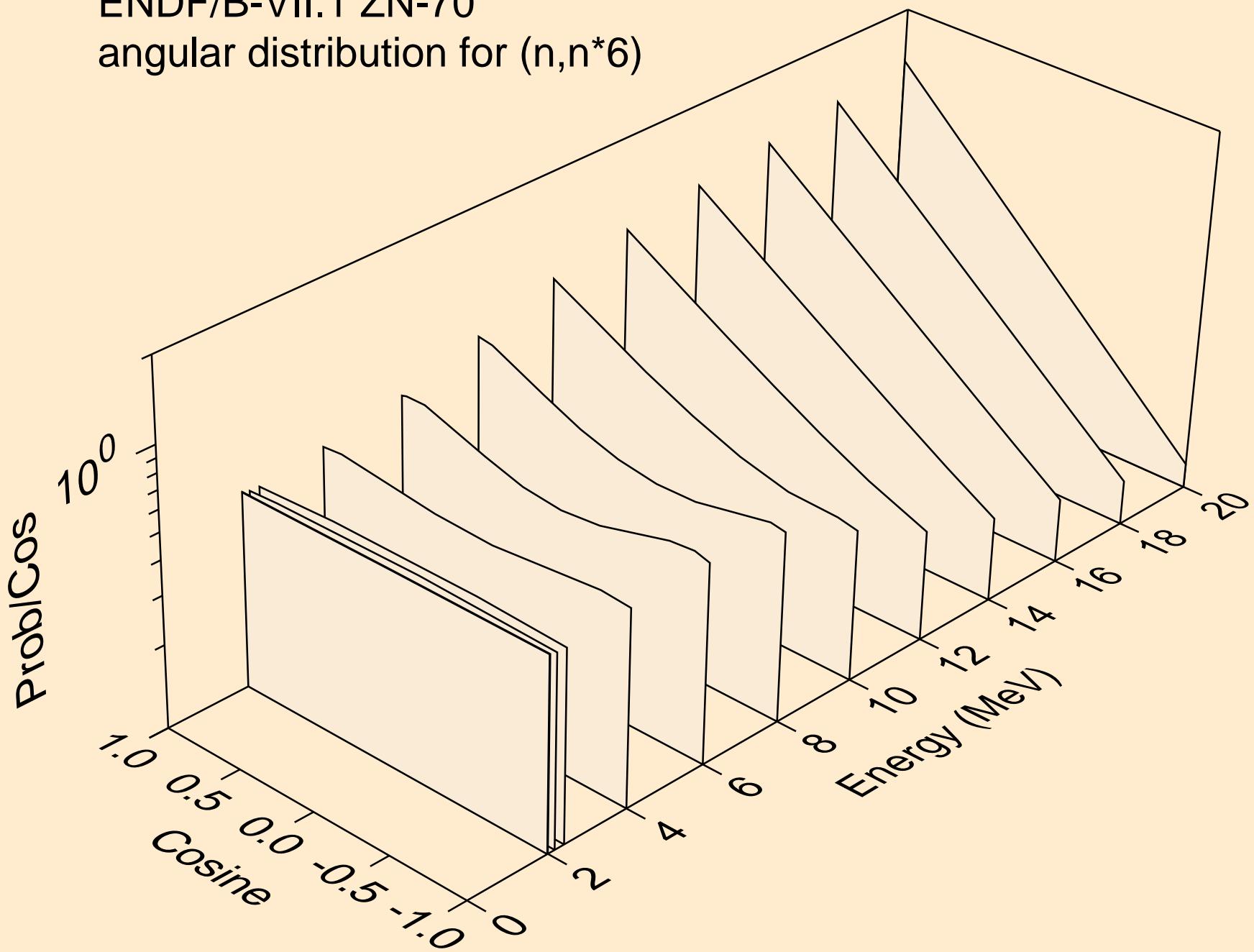
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angular distribution for  $(n,n^*4)$



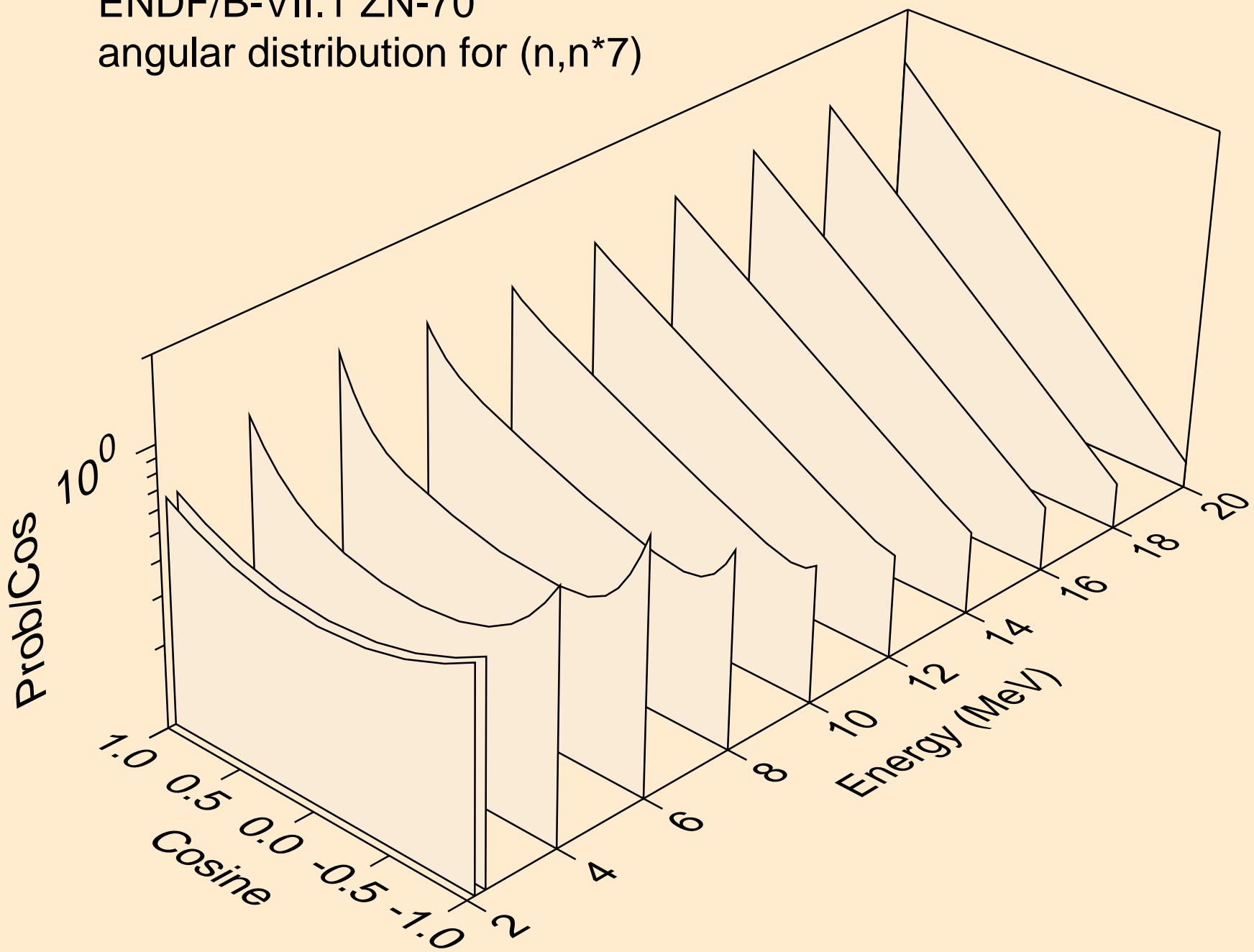
ENDF/B-VII.1 ZN-70  
angular distribution for (n,n\*5)



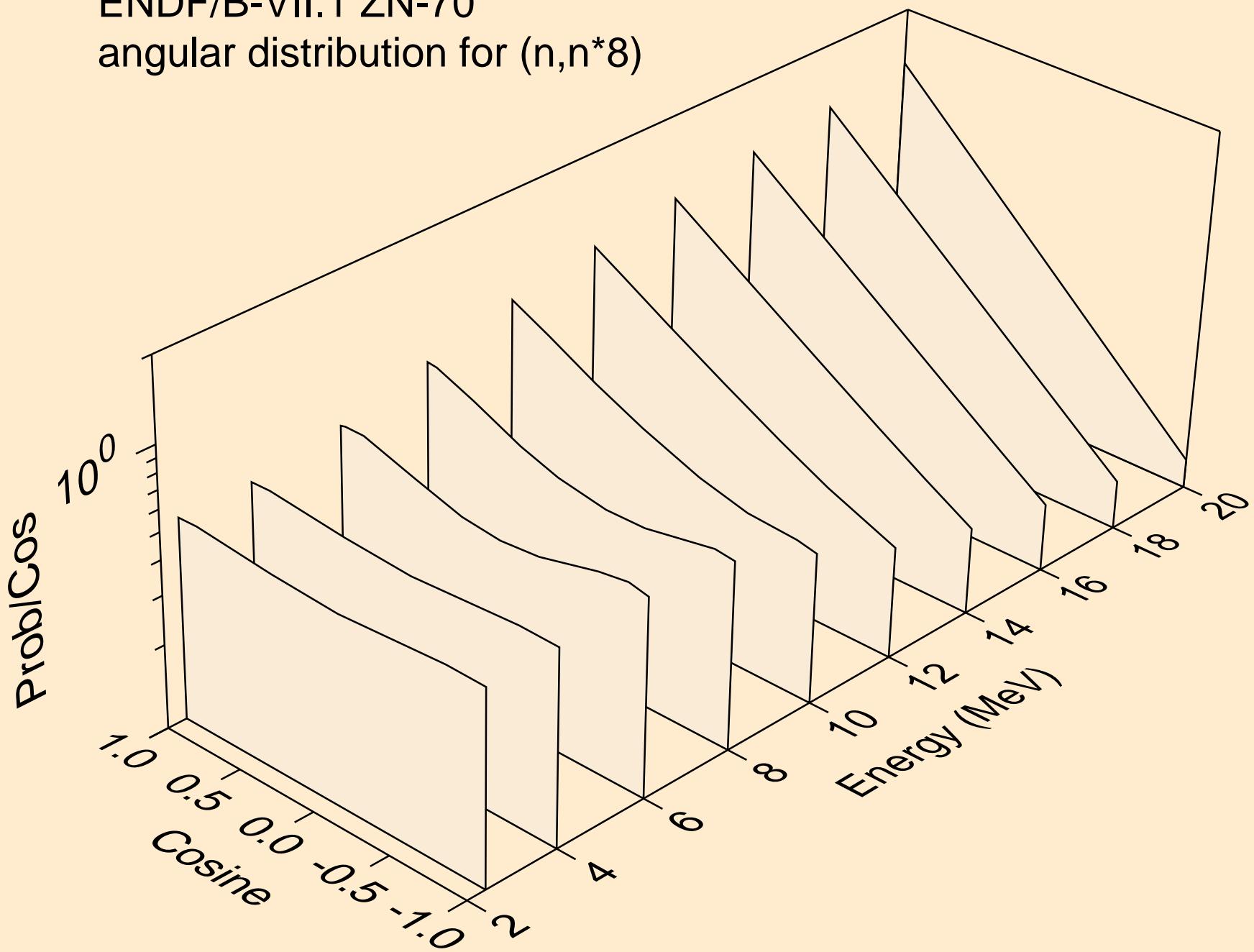
ENDF/B-VII.1 ZN-70  
angular distribution for  $(n,n^*6)$



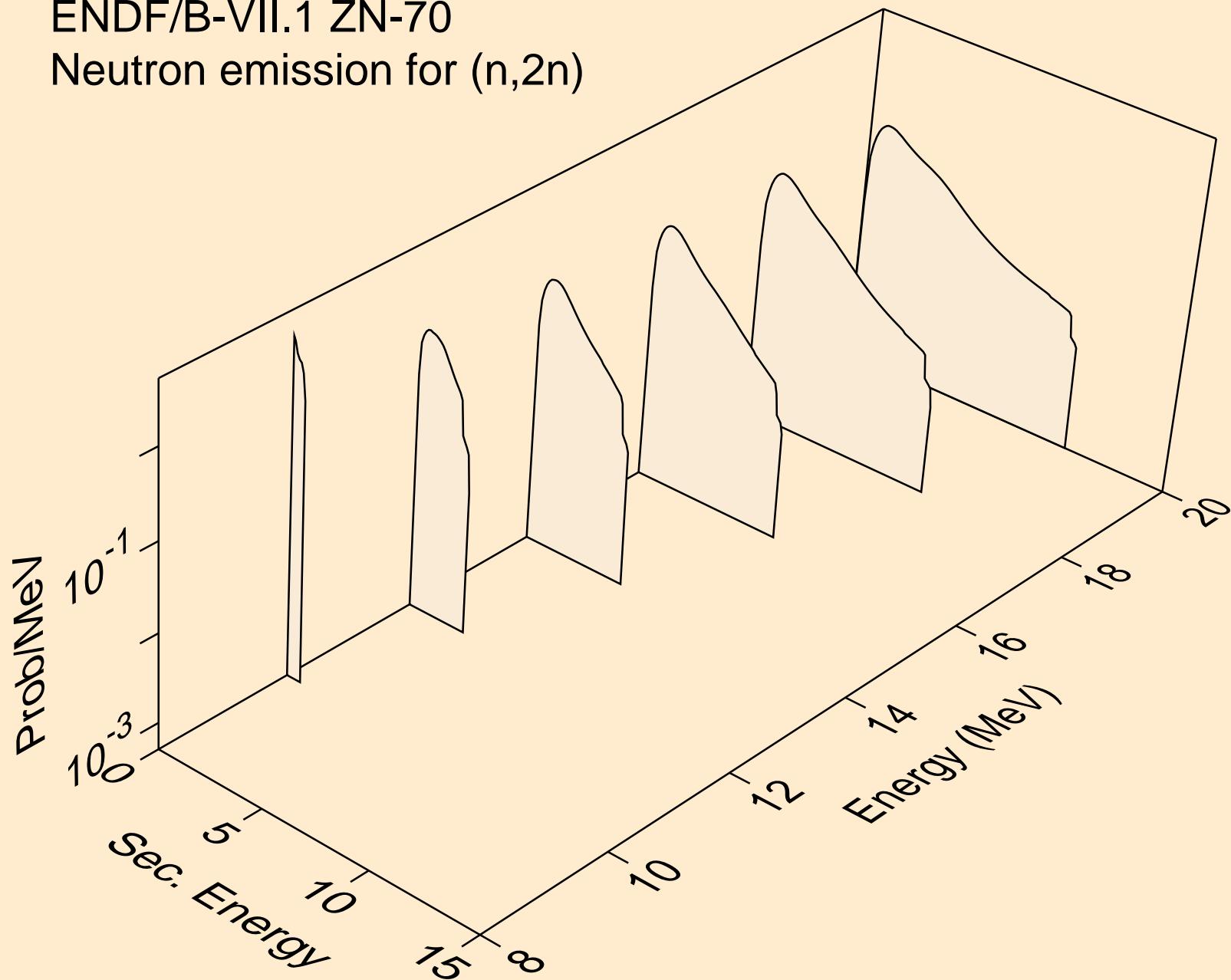
ENDF/B-VII.1 ZN-70  
angular distribution for (n,n\*7)



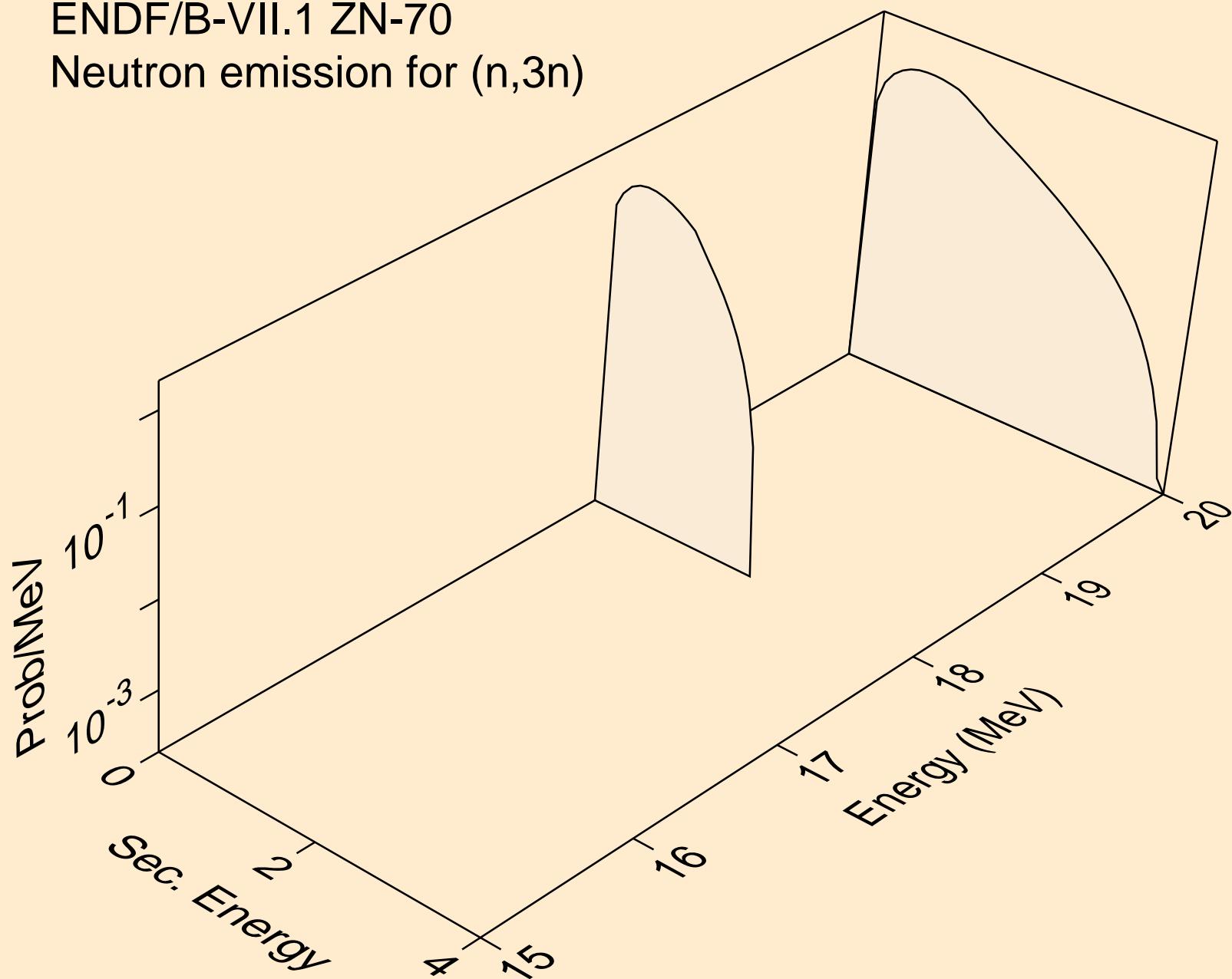
ENDF/B-VII.1 ZN-70  
angular distribution for (n,n\*8)



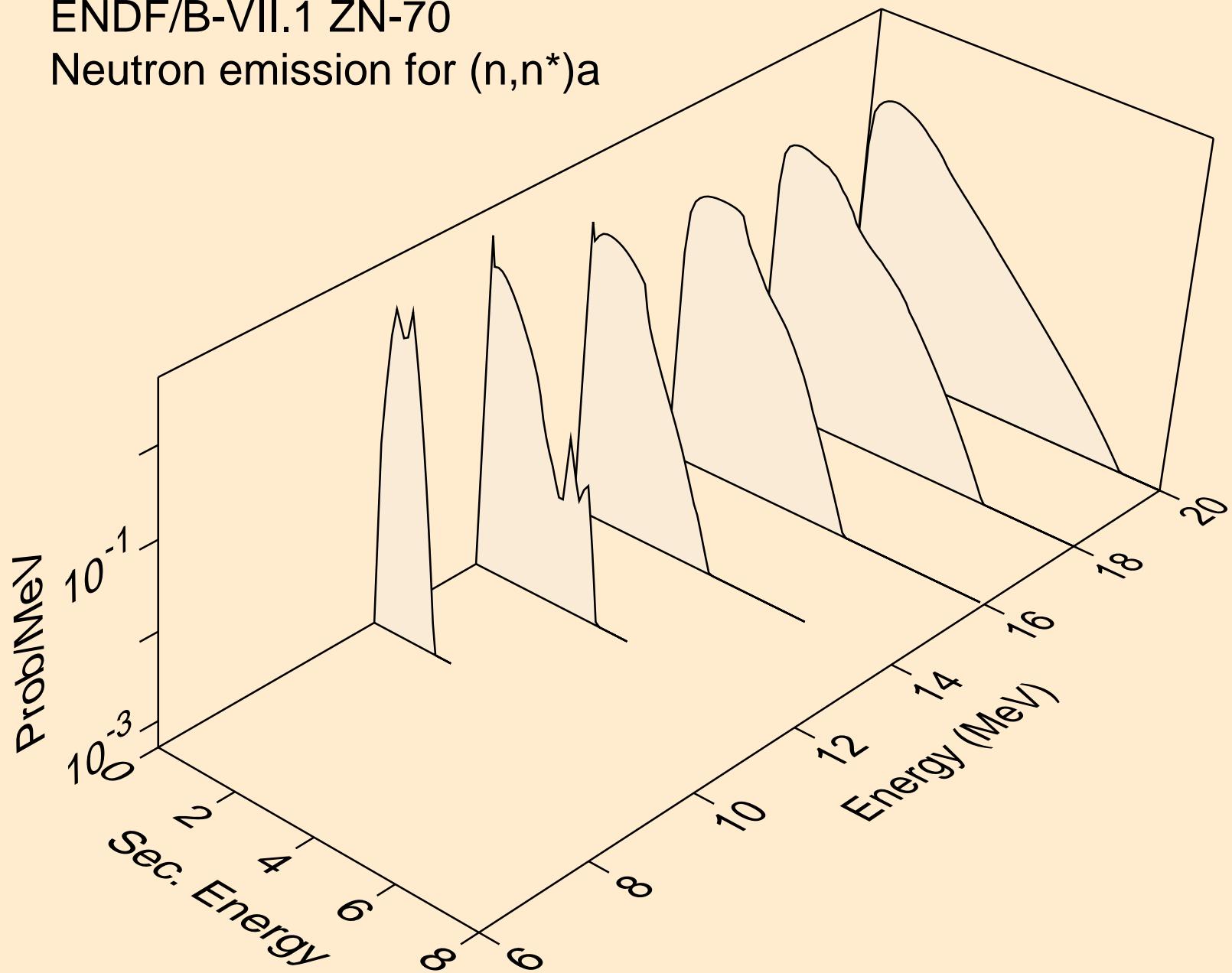
ENDF/B-VII.1 ZN-70  
Neutron emission for (n,2n)



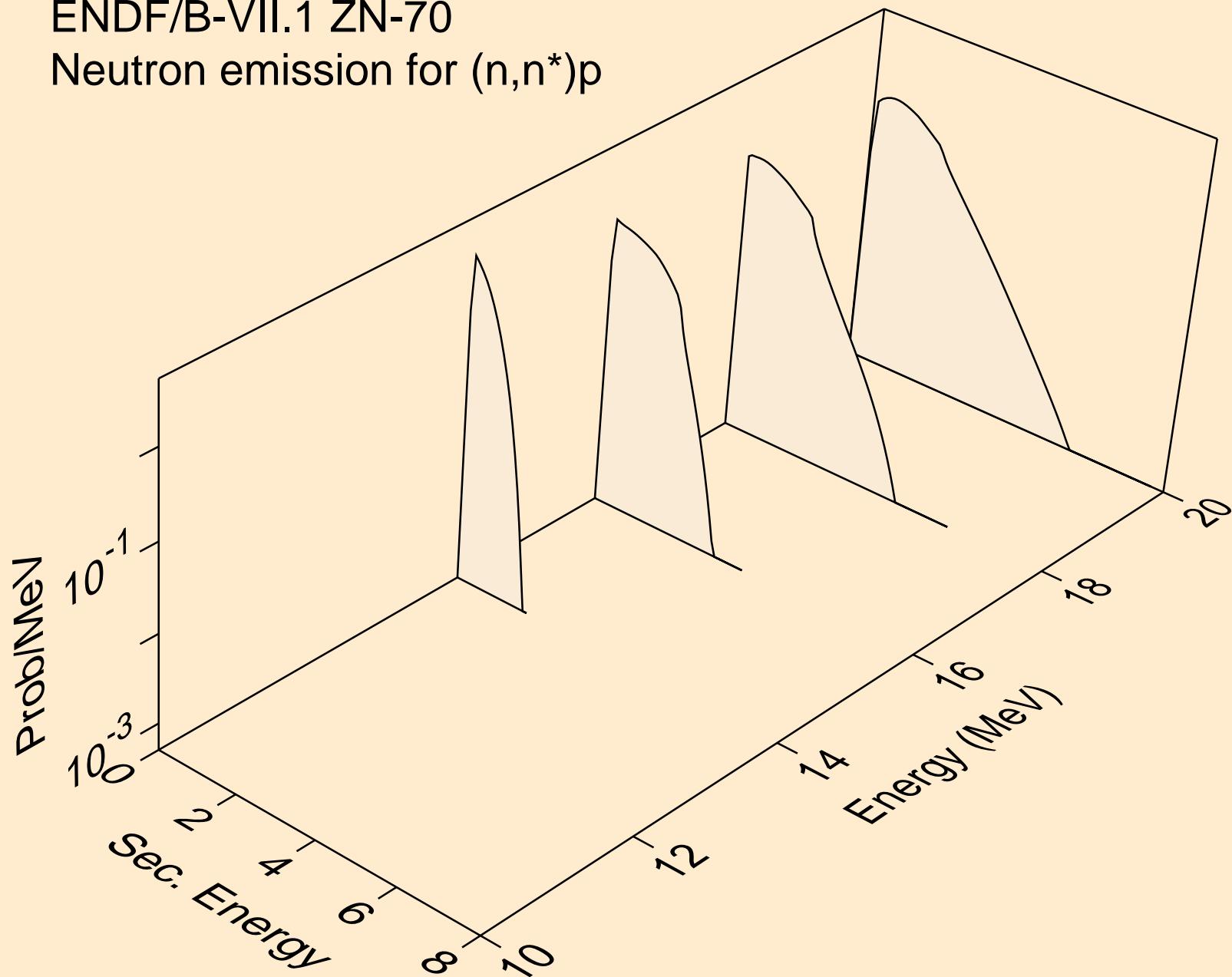
ENDF/B-VII.1 ZN-70  
Neutron emission for (n,3n)



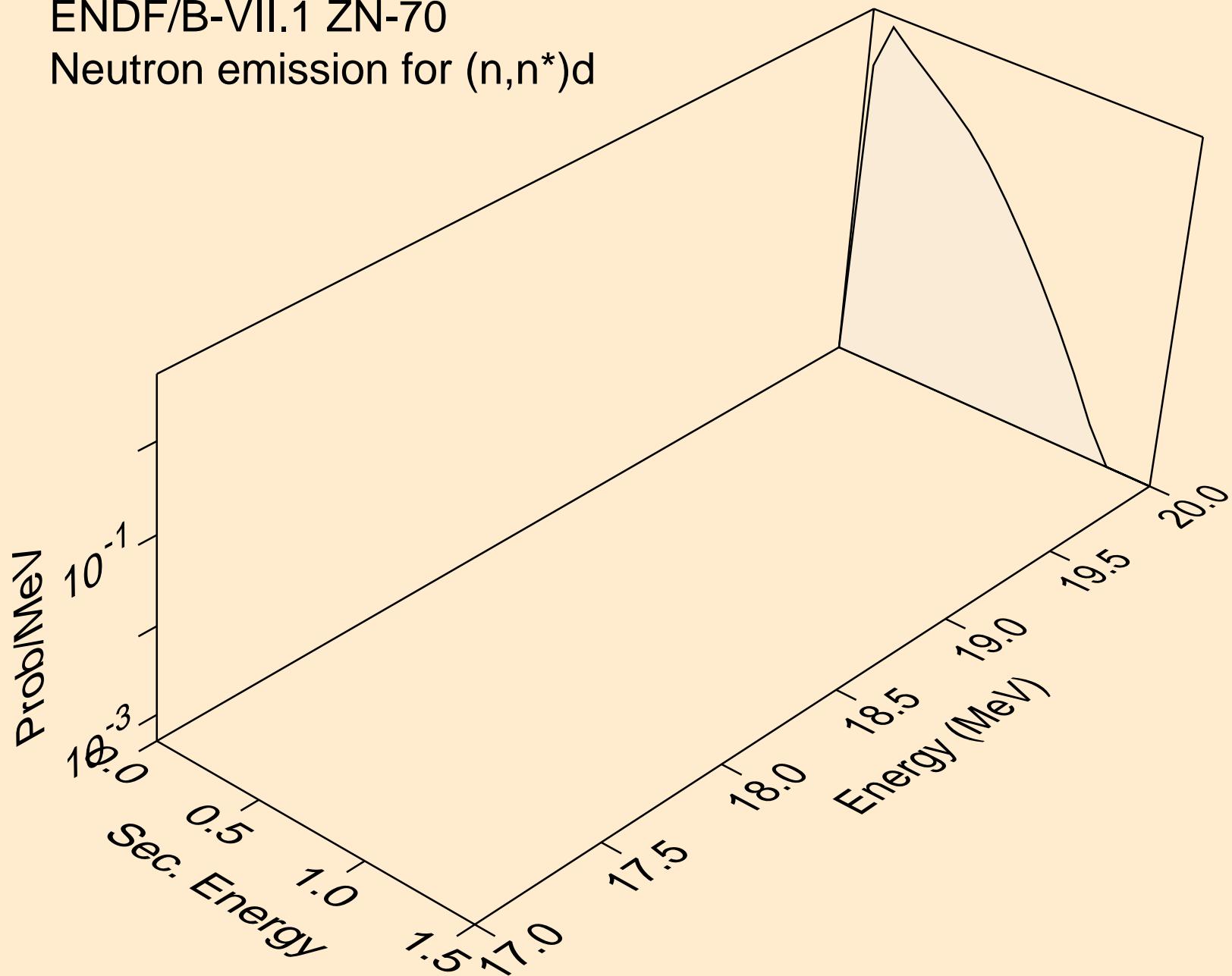
ENDF/B-VII.1 ZN-70  
Neutron emission for  $(n,n^*)a$



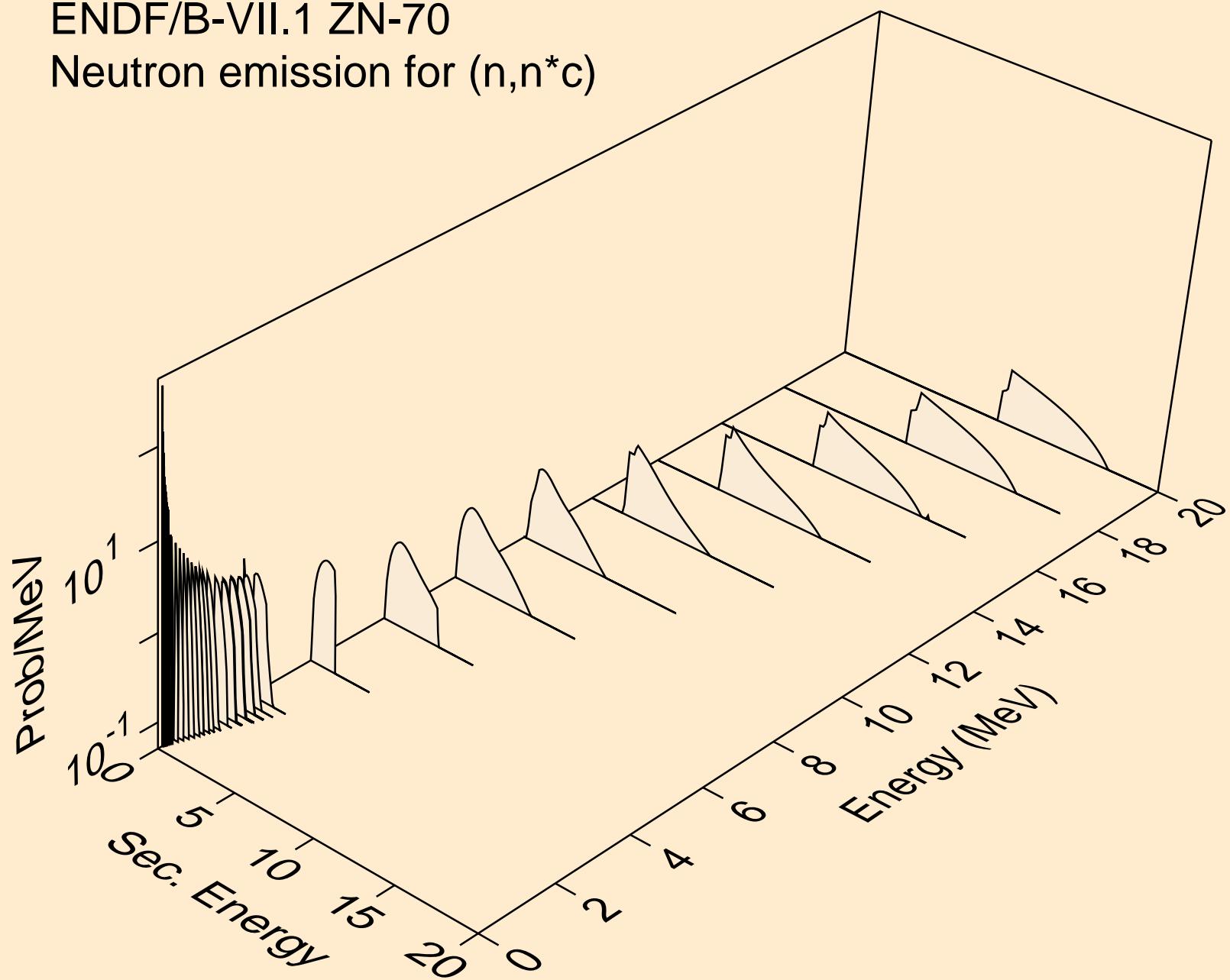
ENDF/B-VII.1 ZN-70  
Neutron emission for  $(n,n^*)p$



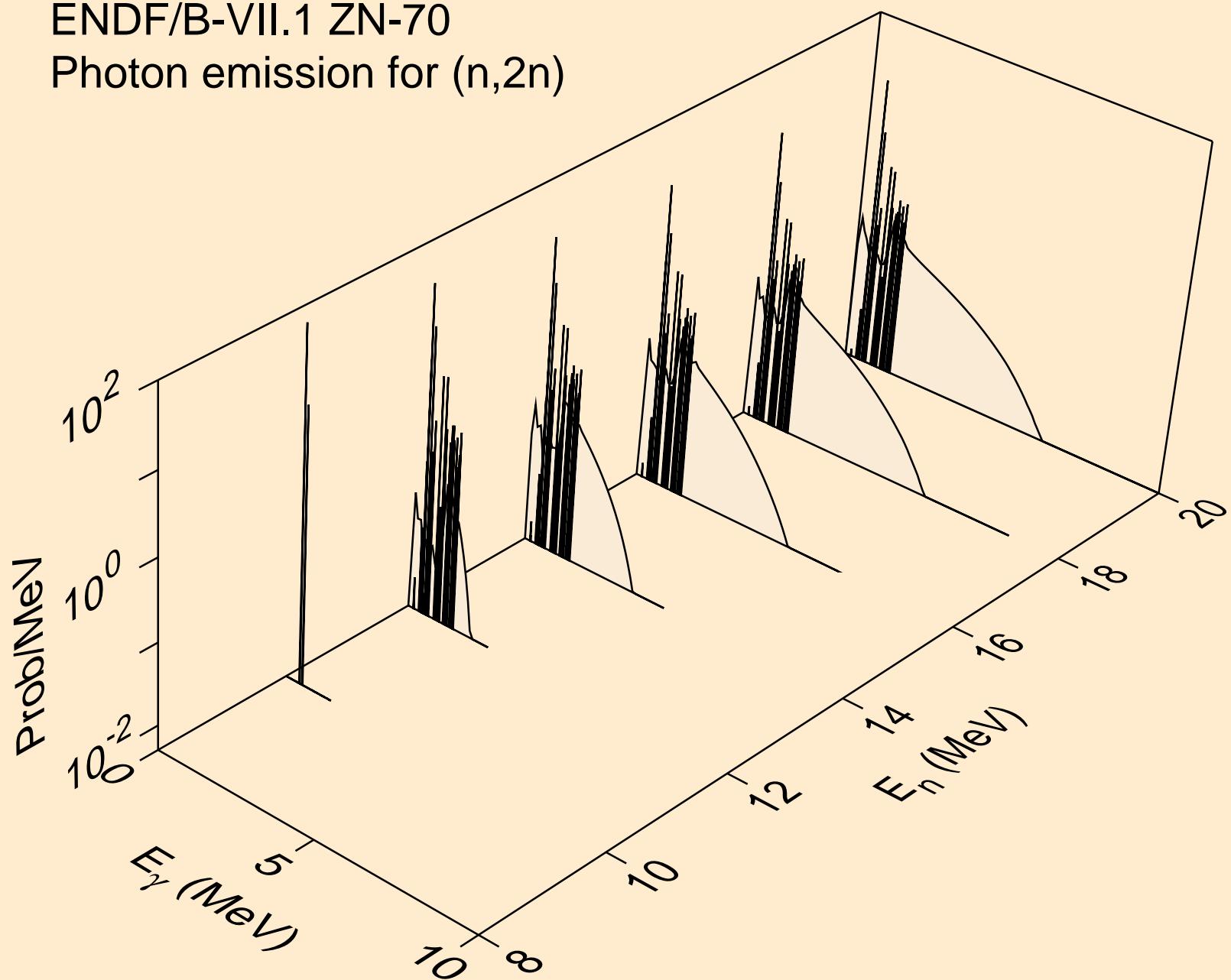
ENDF/B-VII.1 ZN-70  
Neutron emission for  $(n,n^*)d$



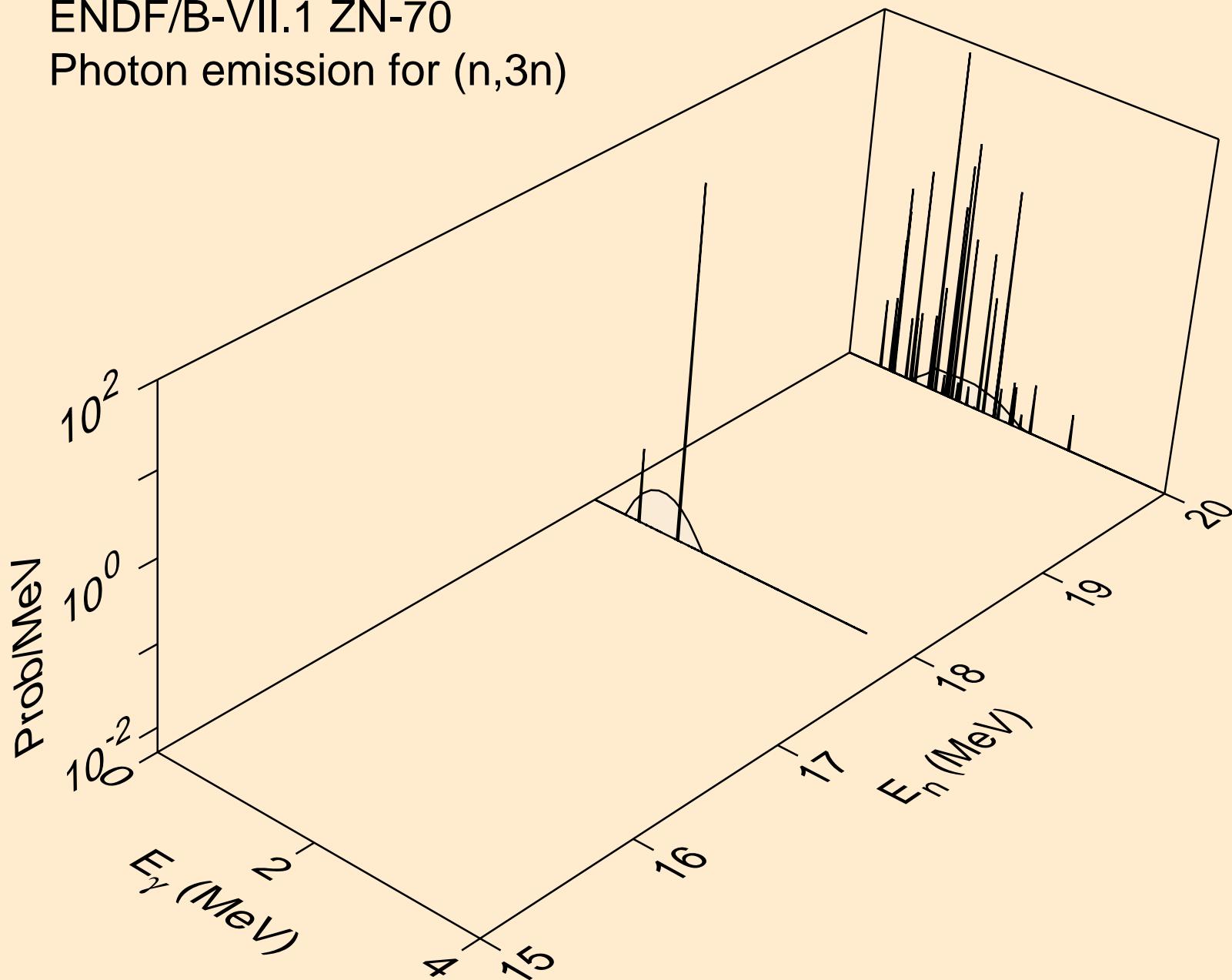
ENDF/B-VII.1 ZN-70  
Neutron emission for  $(n, n^* c)$



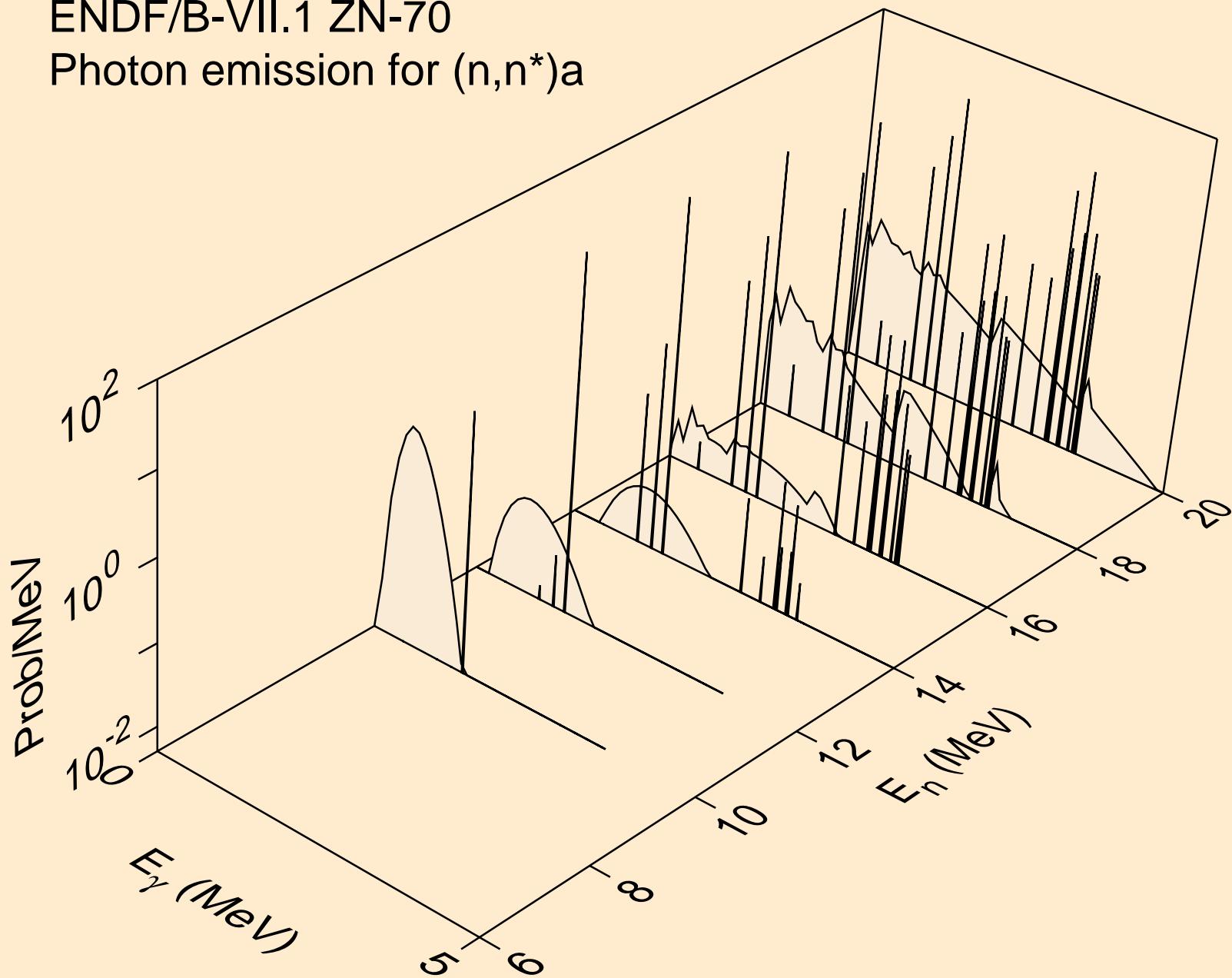
ENDF/B-VII.1 ZN-70  
Photon emission for (n,2n)



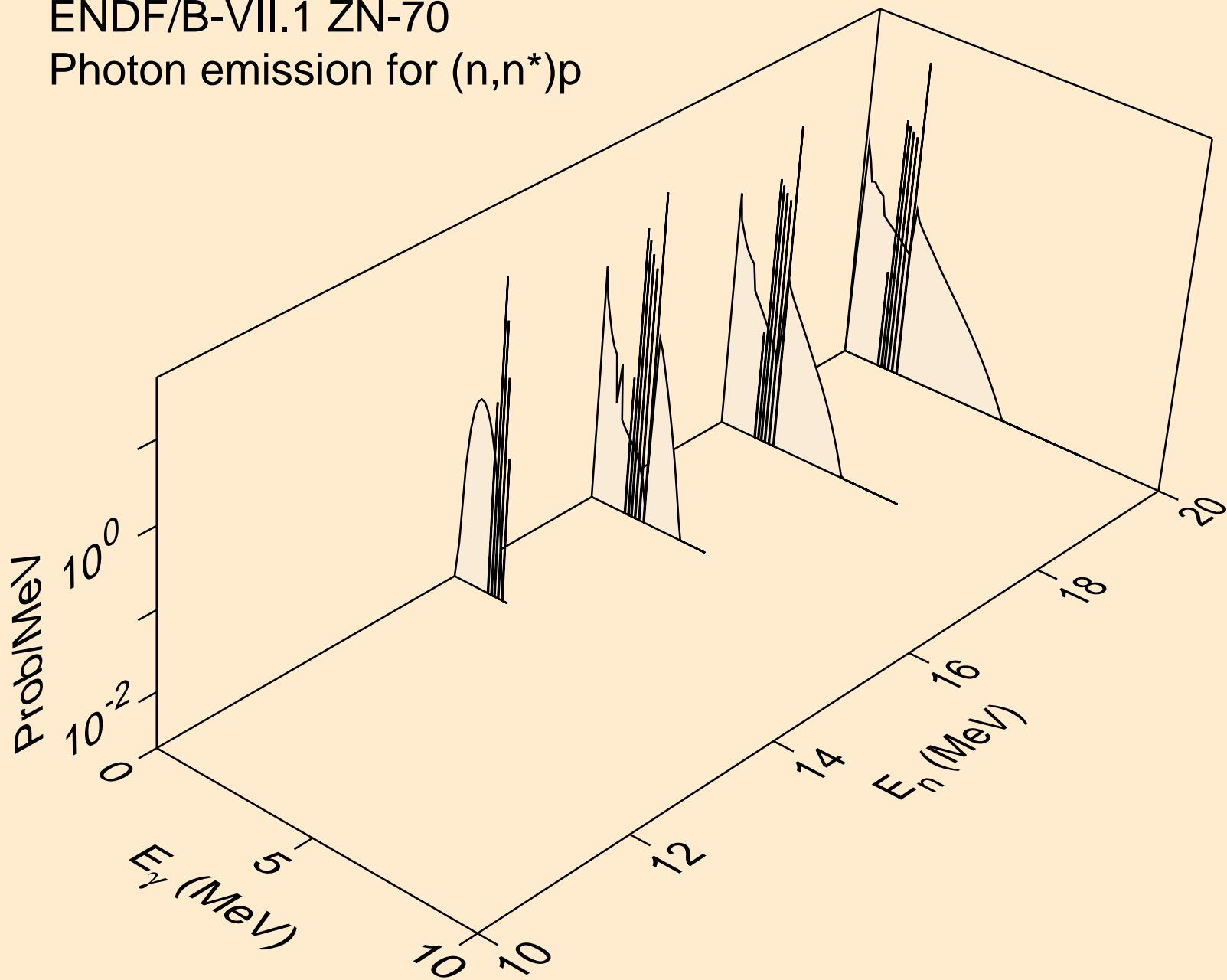
ENDF/B-VII.1 ZN-70  
Photon emission for (n,3n)



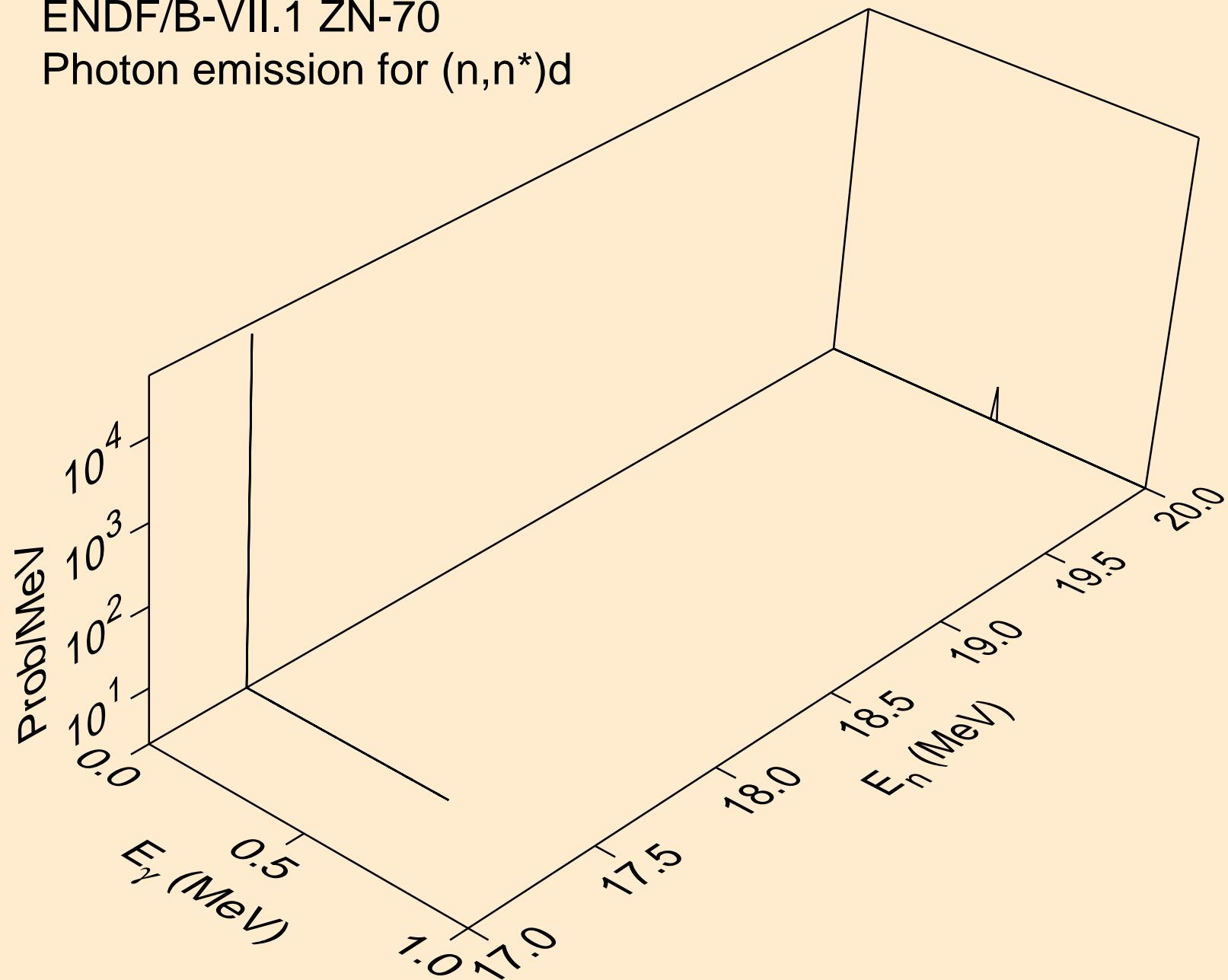
ENDF/B-VII.1 ZN-70  
Photon emission for  $(n,n^*)a$



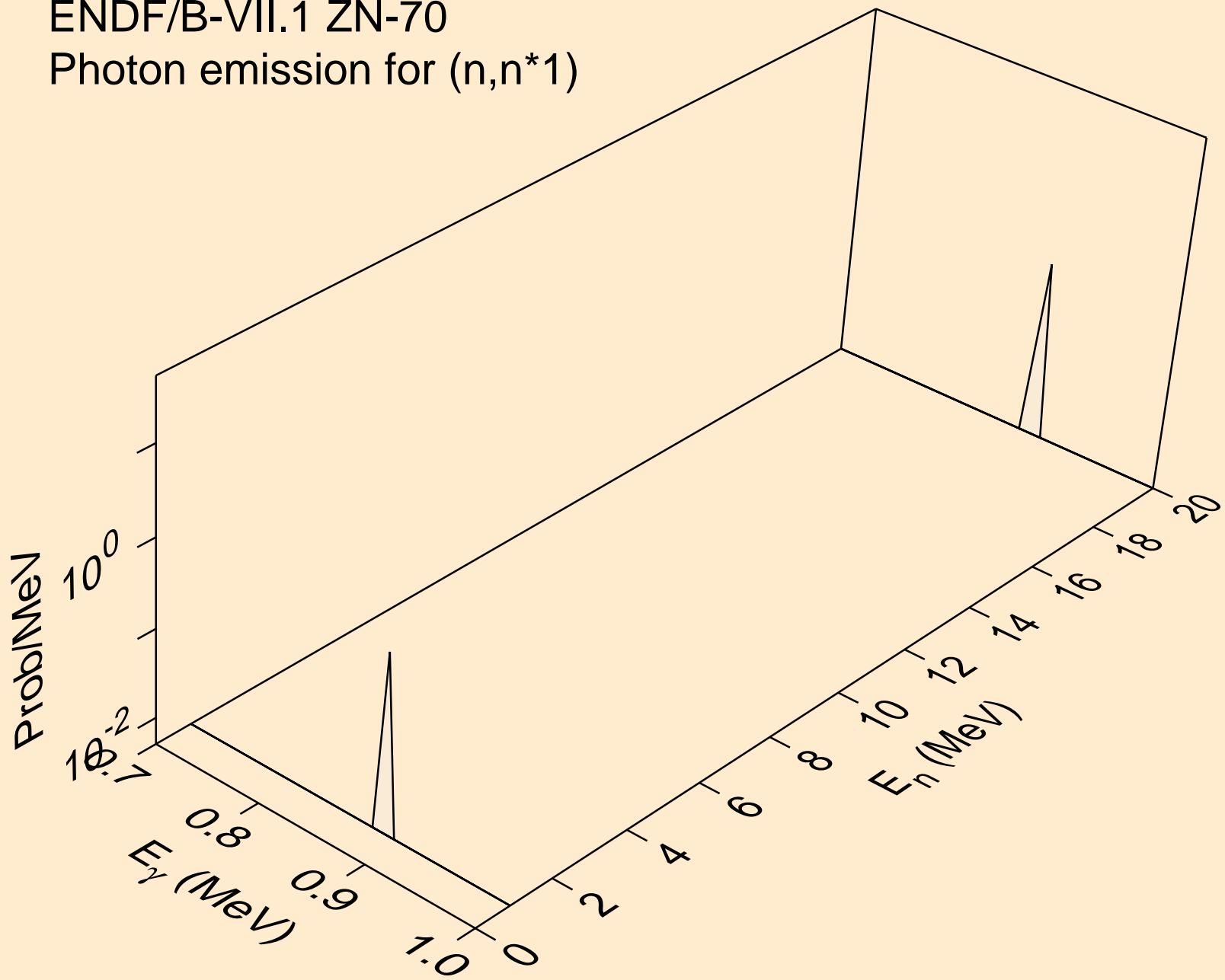
ENDF/B-VII.1 ZN-70  
Photon emission for  $(n,n^*)p$



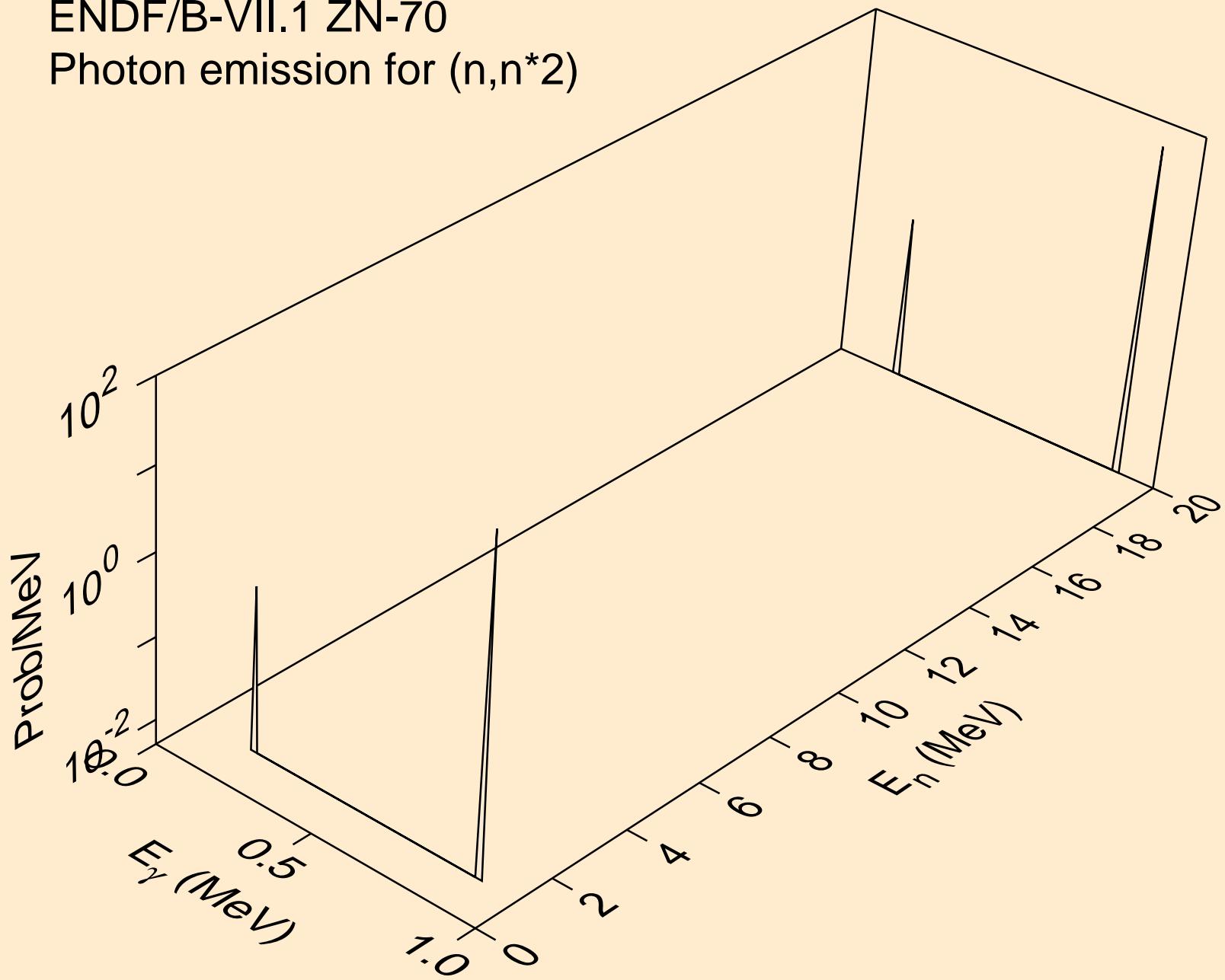
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Photon emission for  $(n,n^*)d$



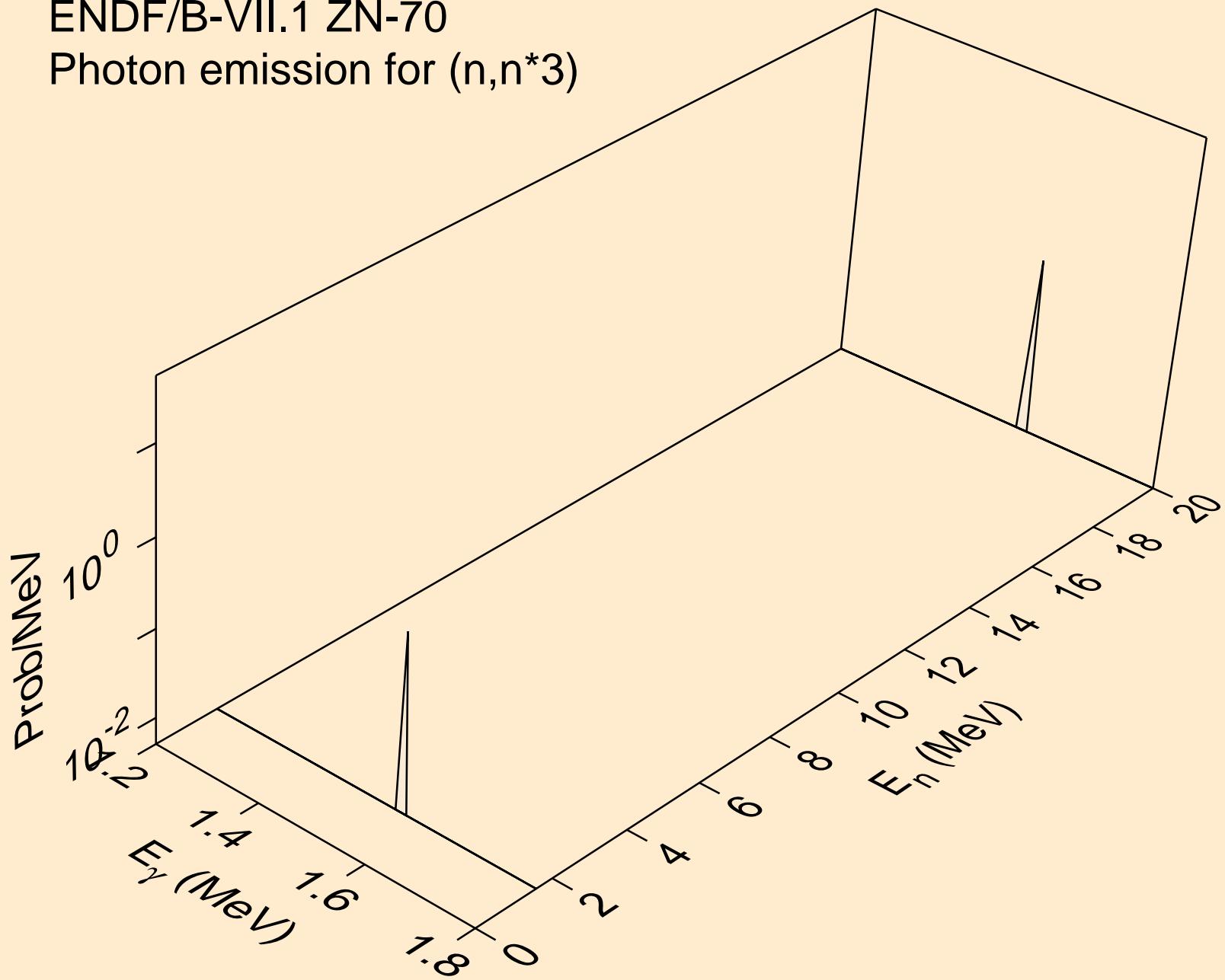
ENDF/B-VII.1 ZN-70  
Photon emission for (n,n\*1)



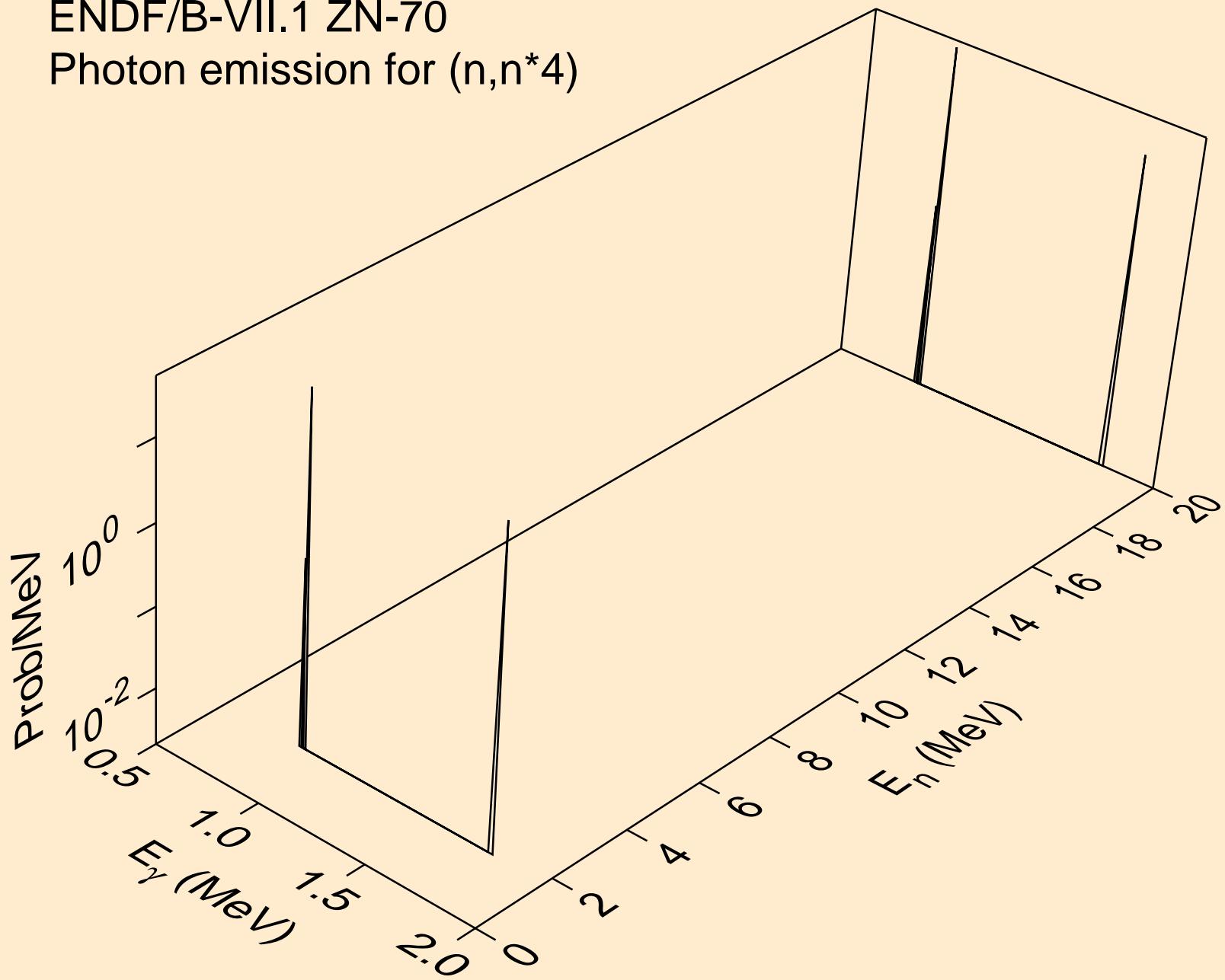
ENDF/B-VII.1 ZN-70  
Photon emission for (n,n\*2)



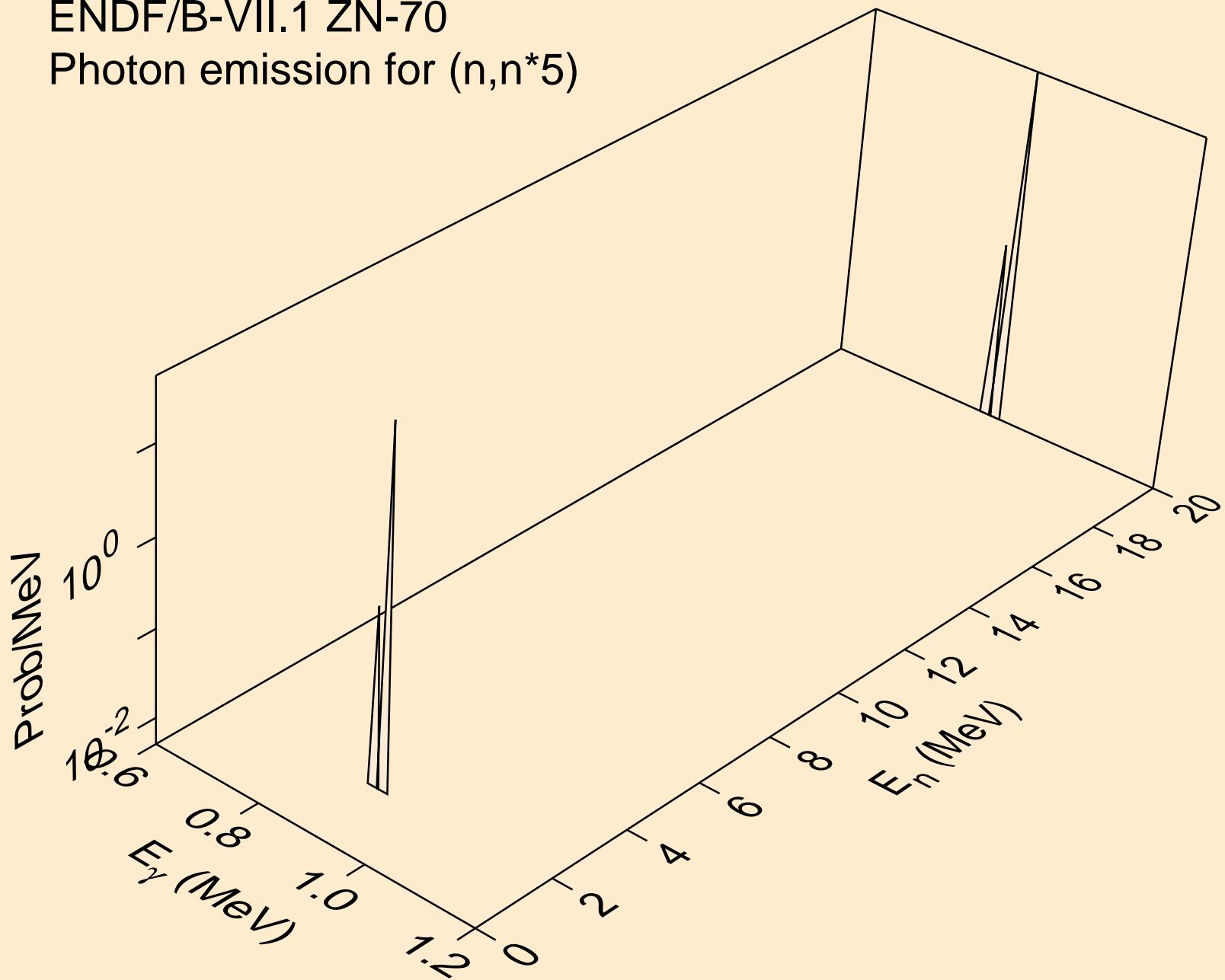
ENDF/B-VII.1 ZN-70  
Photon emission for (n,n\*3)



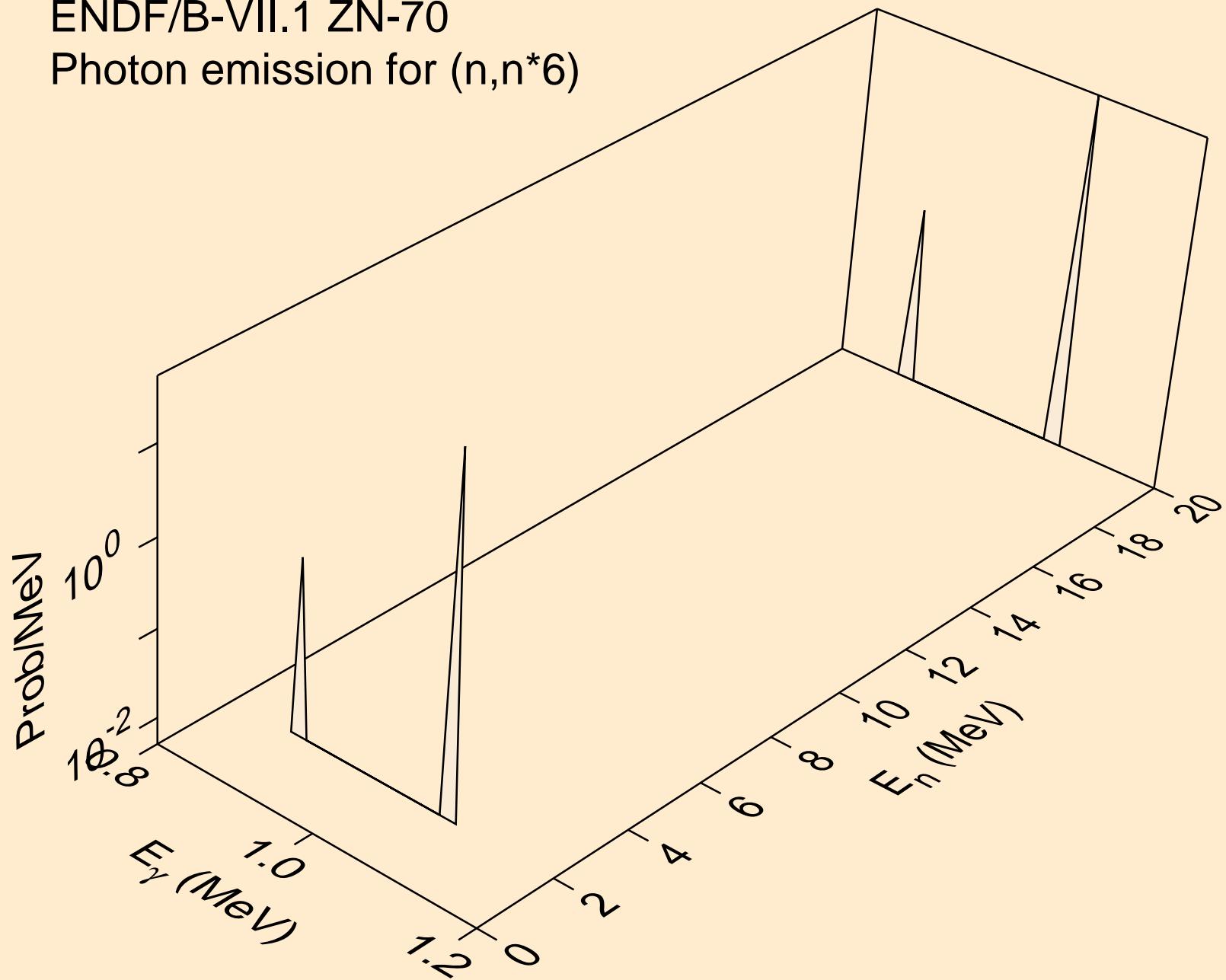
ENDF/B-VII.1 ZN-70  
Photon emission for (n,n\*4)



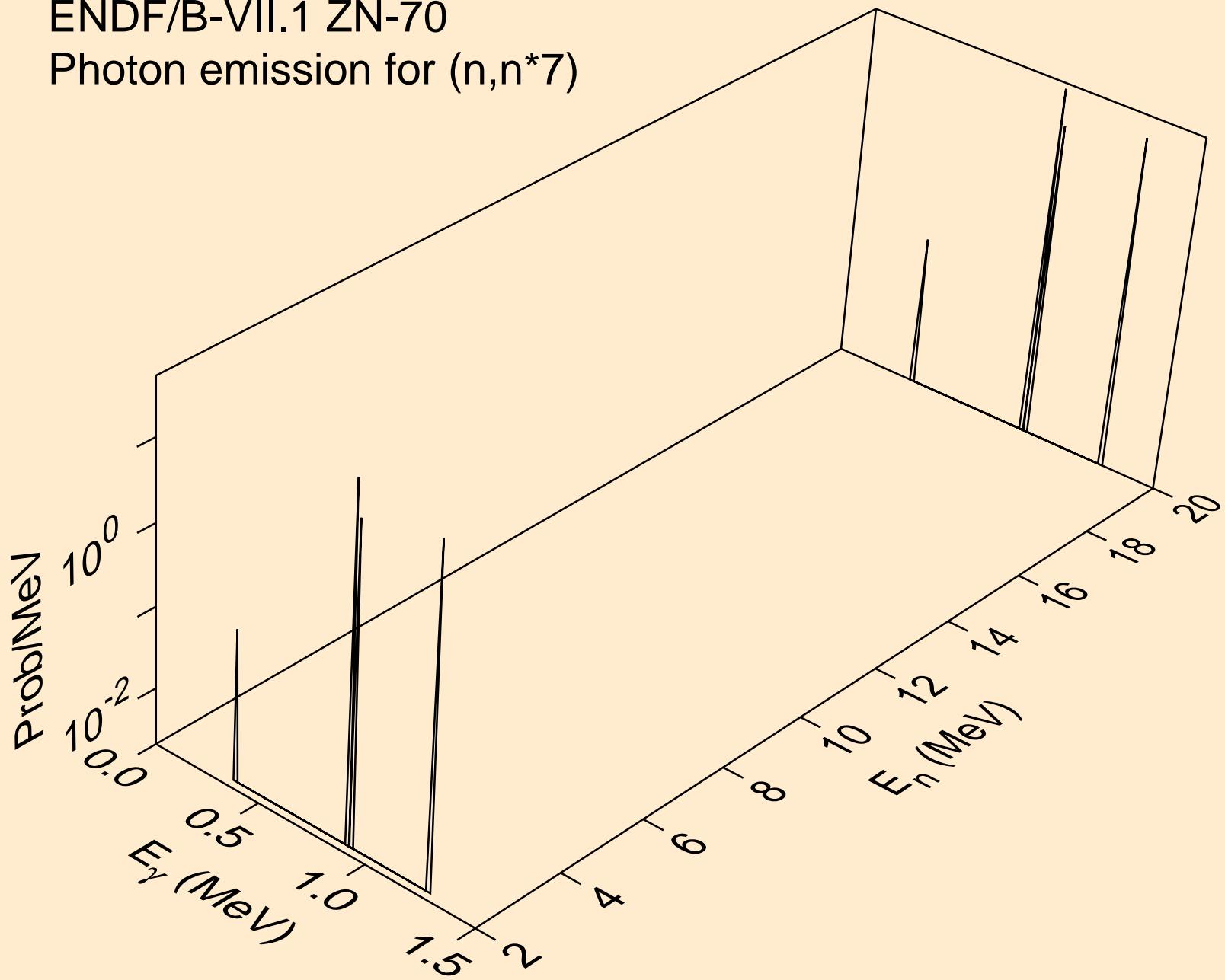
ENDF/B-VII.1 ZN-70  
Photon emission for ( $n, n^* 5$ )



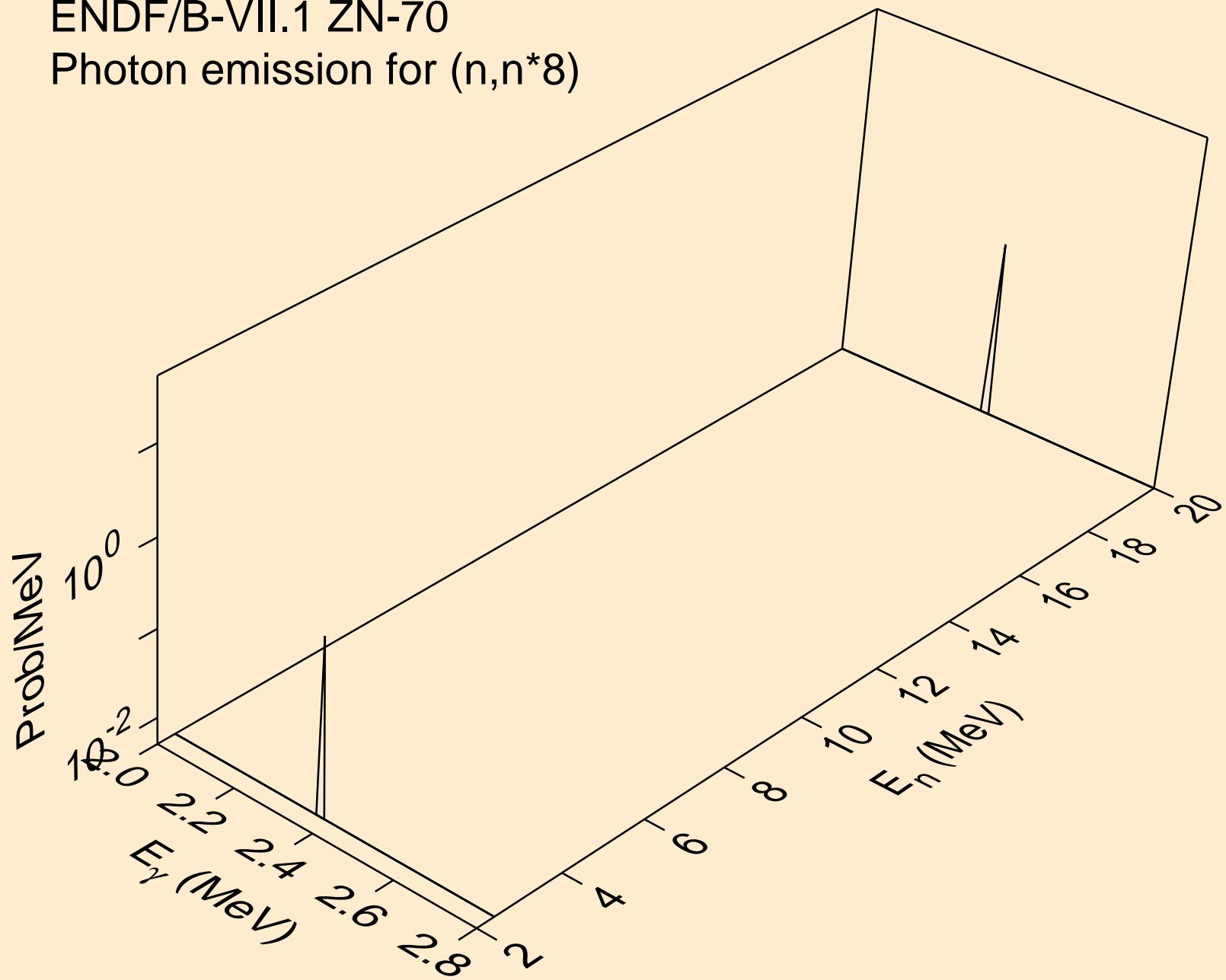
ENDF/B-VII.1 ZN-70  
Photon emission for ( $n, n^*6$ )



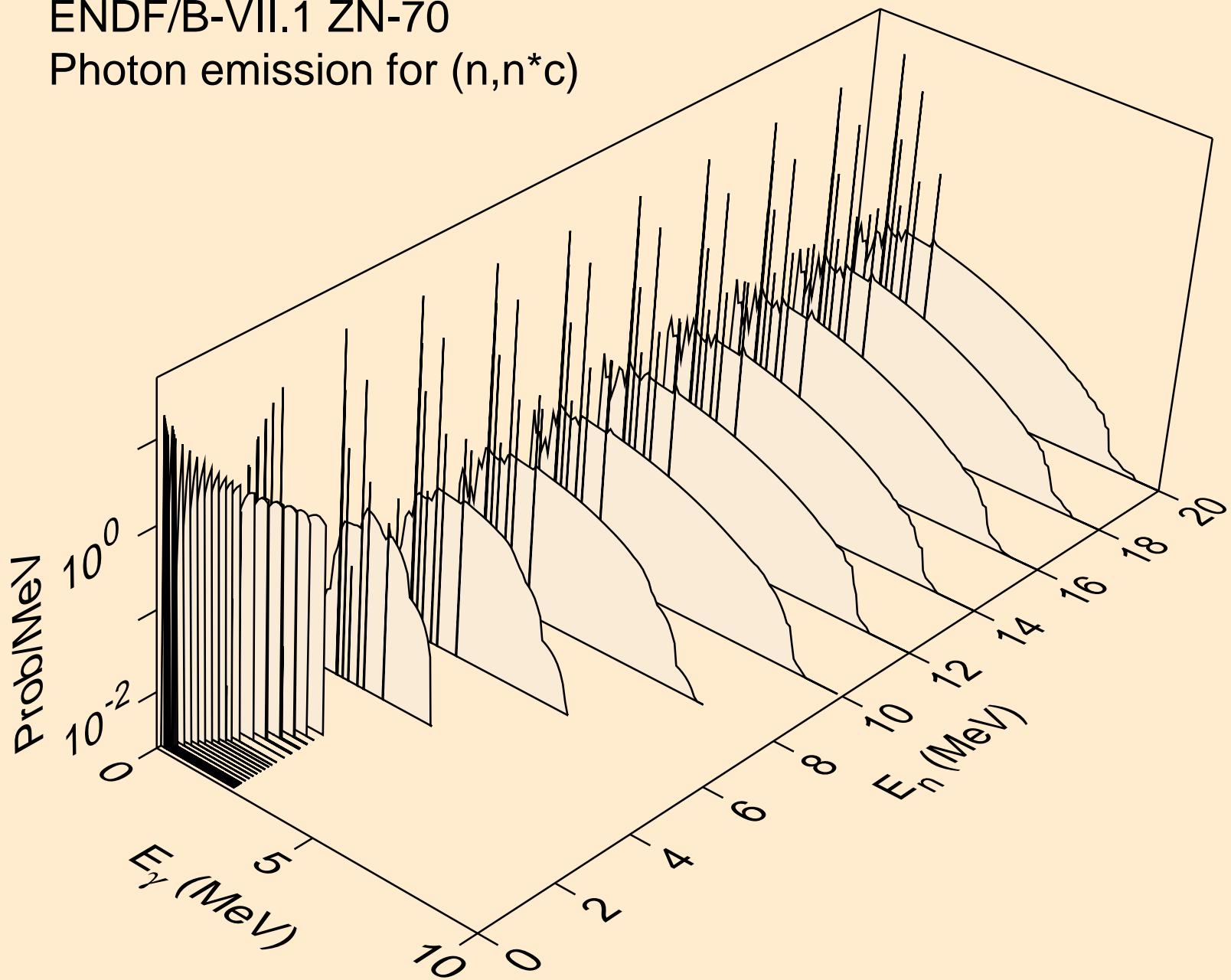
ENDF/B-VII.1 ZN-70  
Photon emission for ( $n, n^*7$ )



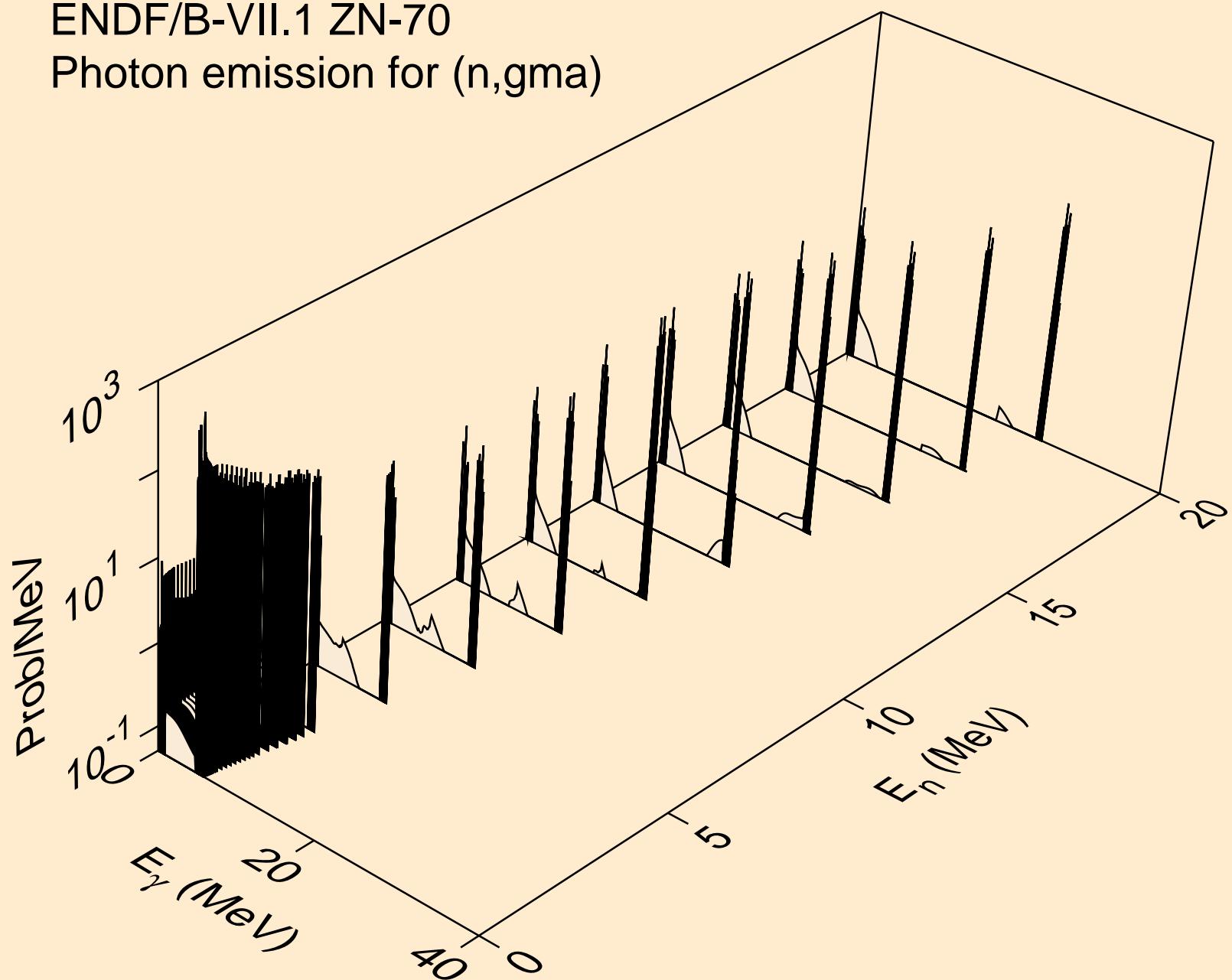
ENDF/B-VII.1 ZN-70  
Photon emission for (n,n\*8)



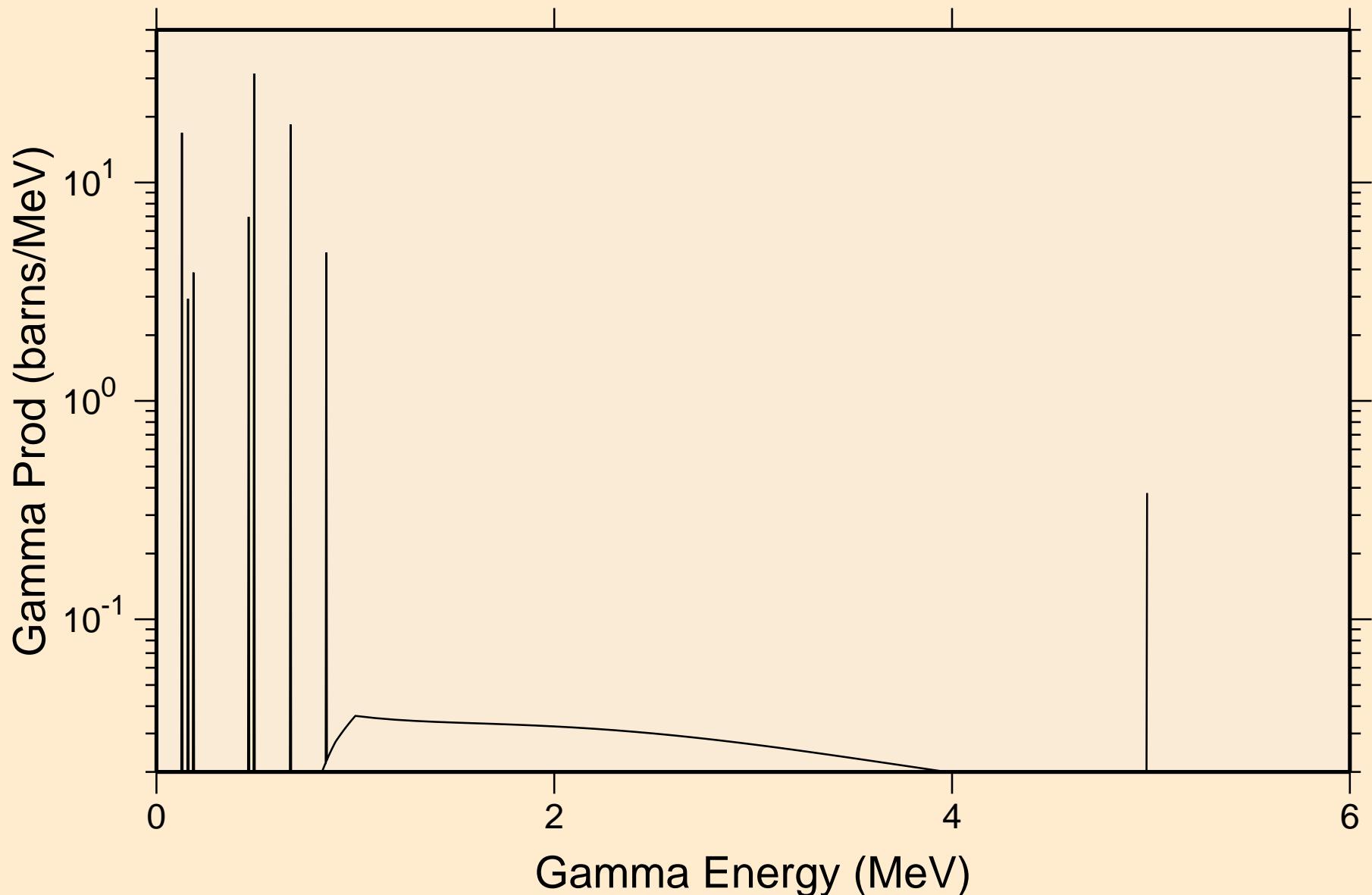
ENDF/B-VII.1 ZN-70  
Photon emission for  $(n, n^* c)$



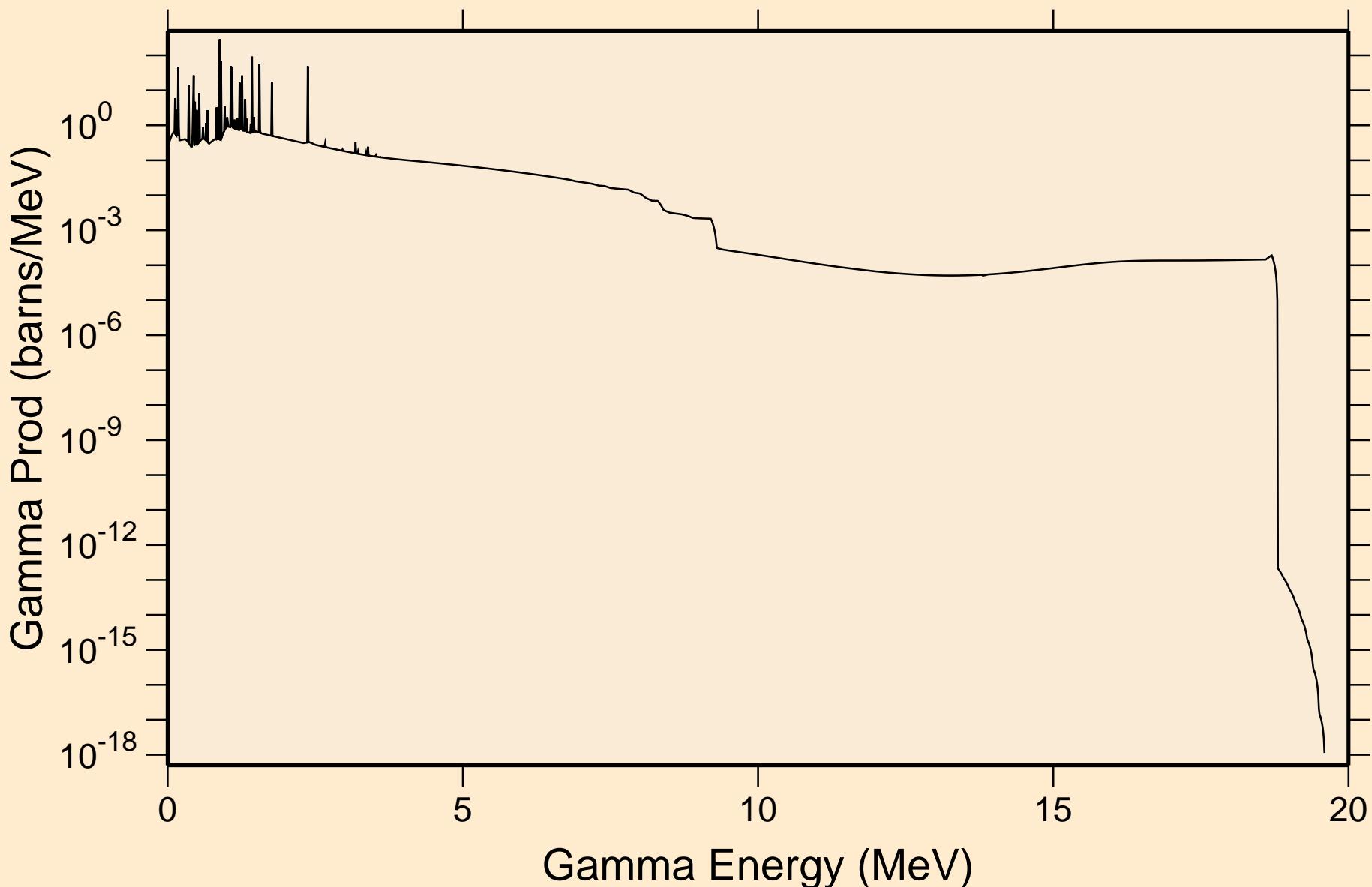
ENDF/B-VII.1 ZN-70  
Photon emission for (n,gma)



ENDF/B-VII.1 ZN-70  
thermal capture photon spectrum

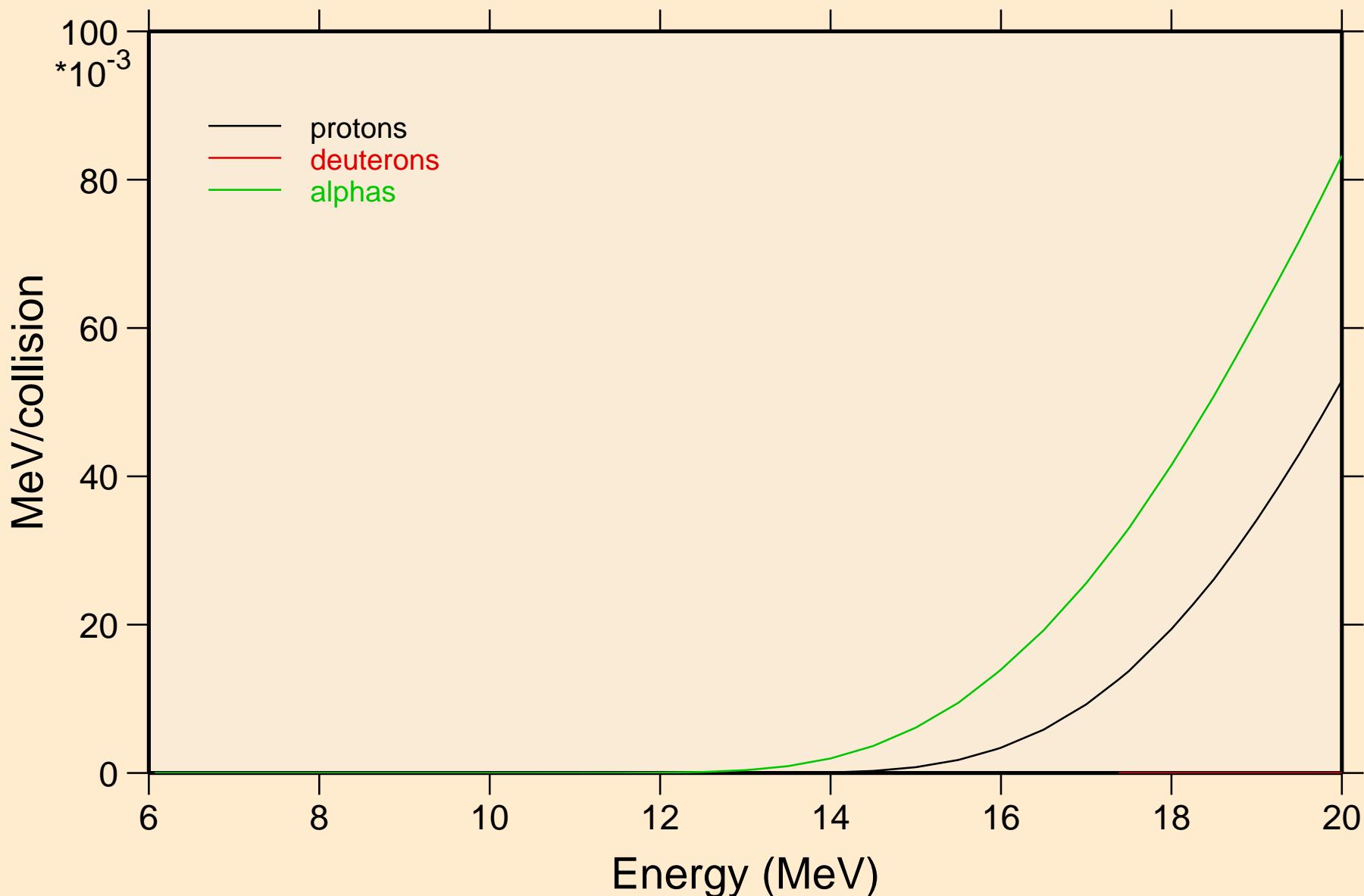


ENDF/B-VII.1 ZN-70  
14 MeV photon spectrum

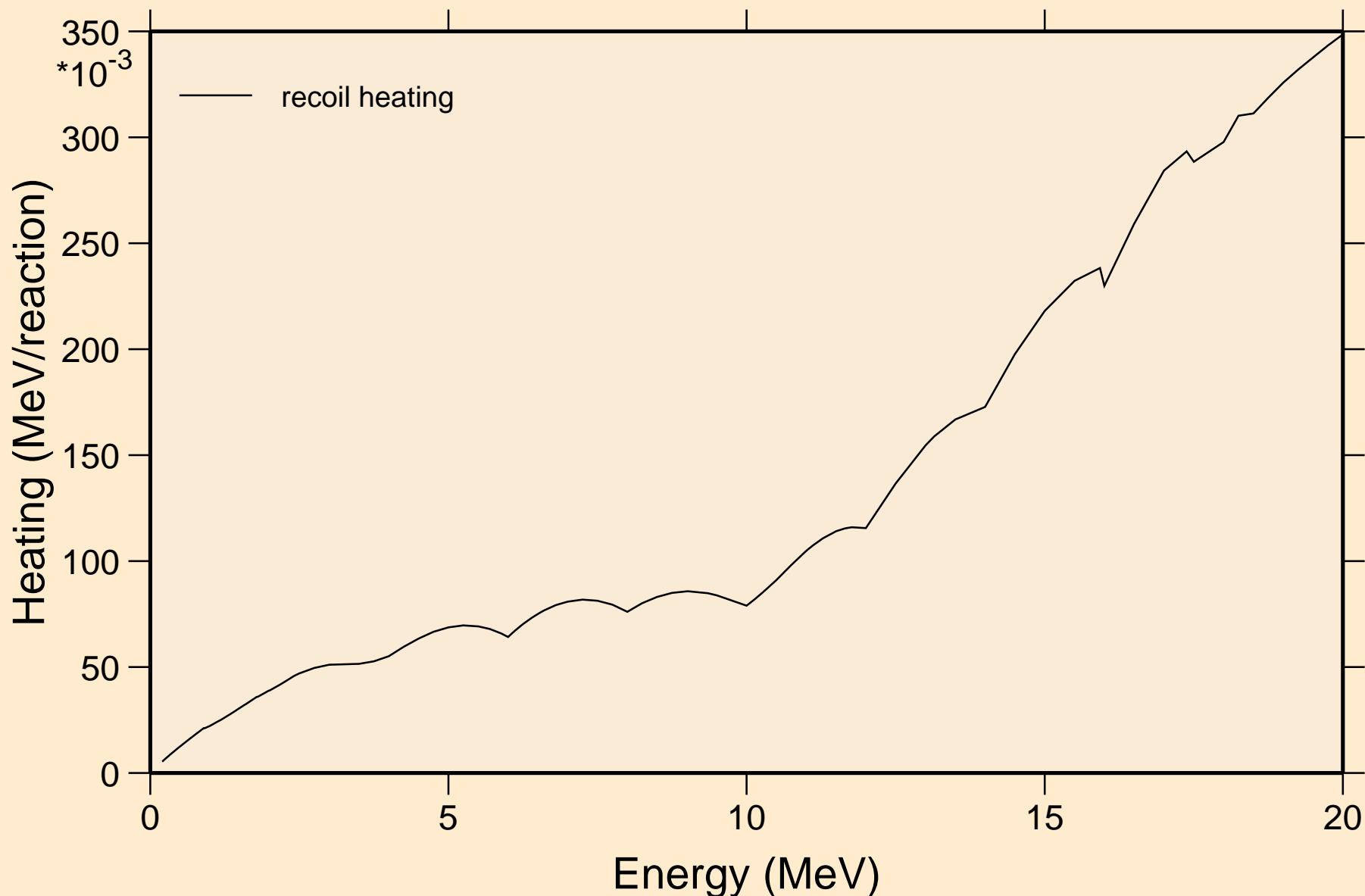


# ENDF/B-VII.1 ZN-70

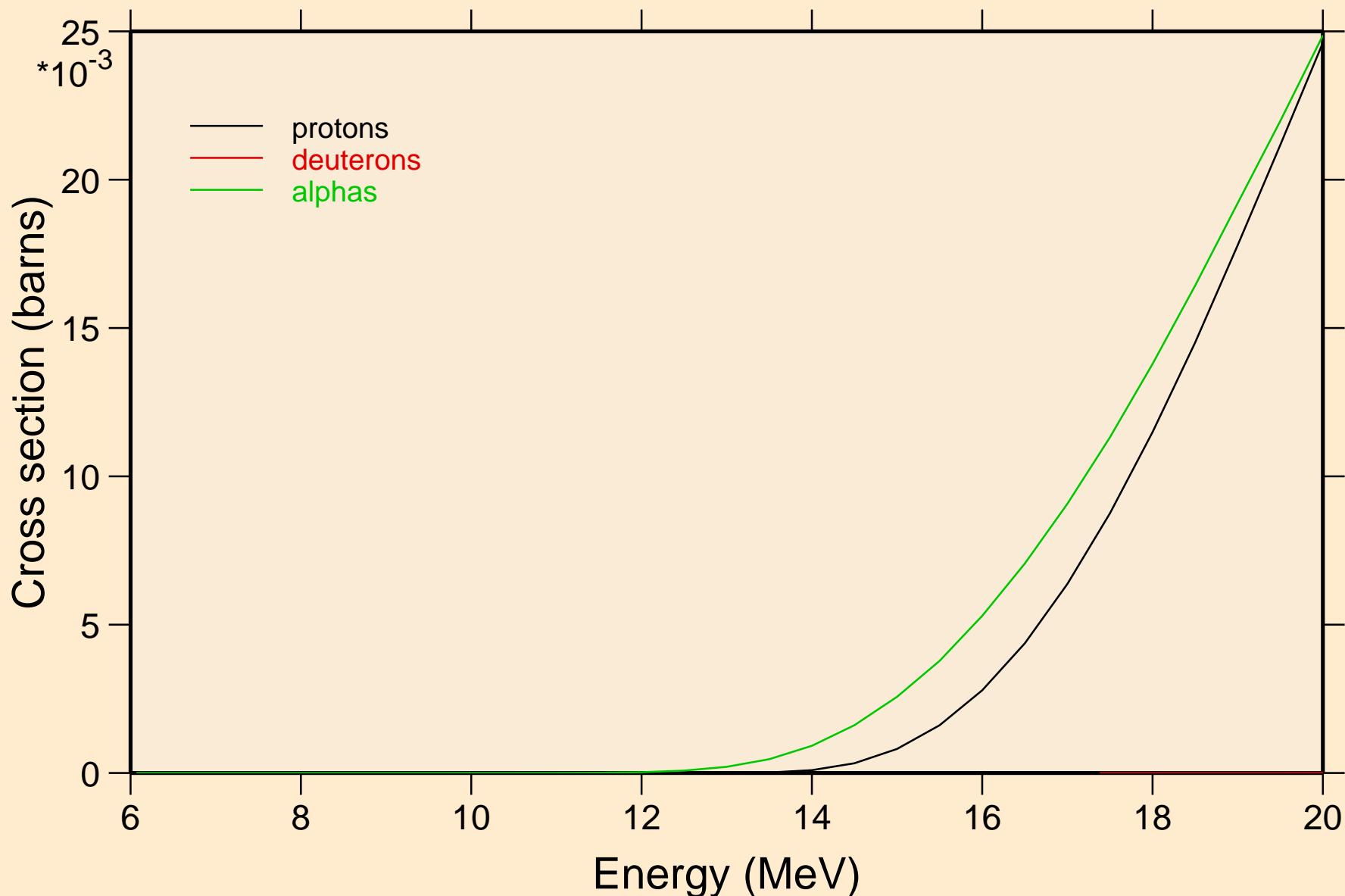
## Particle heating contributions



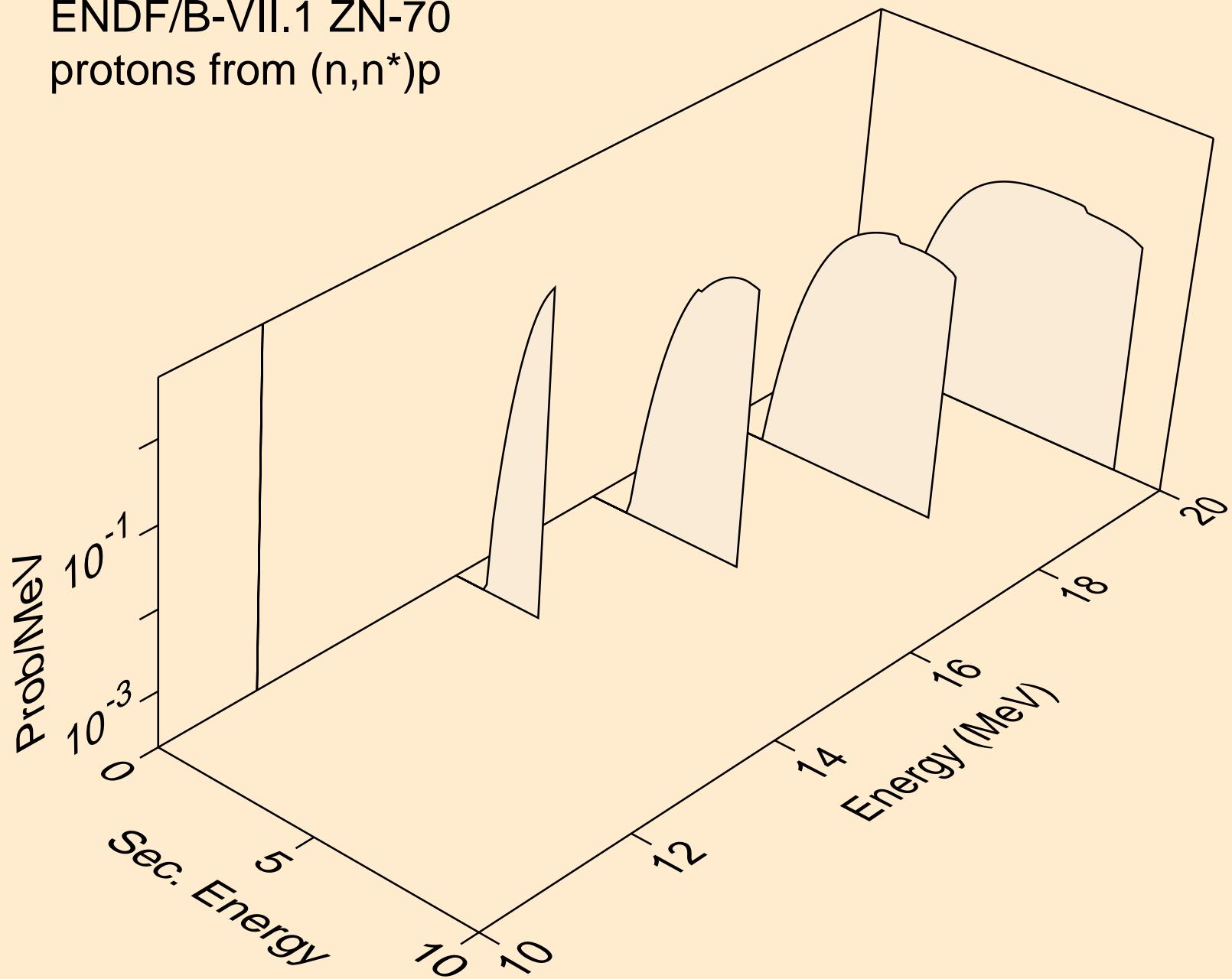
ENDF/B-VII.1 ZN-70  
Recoil Heating



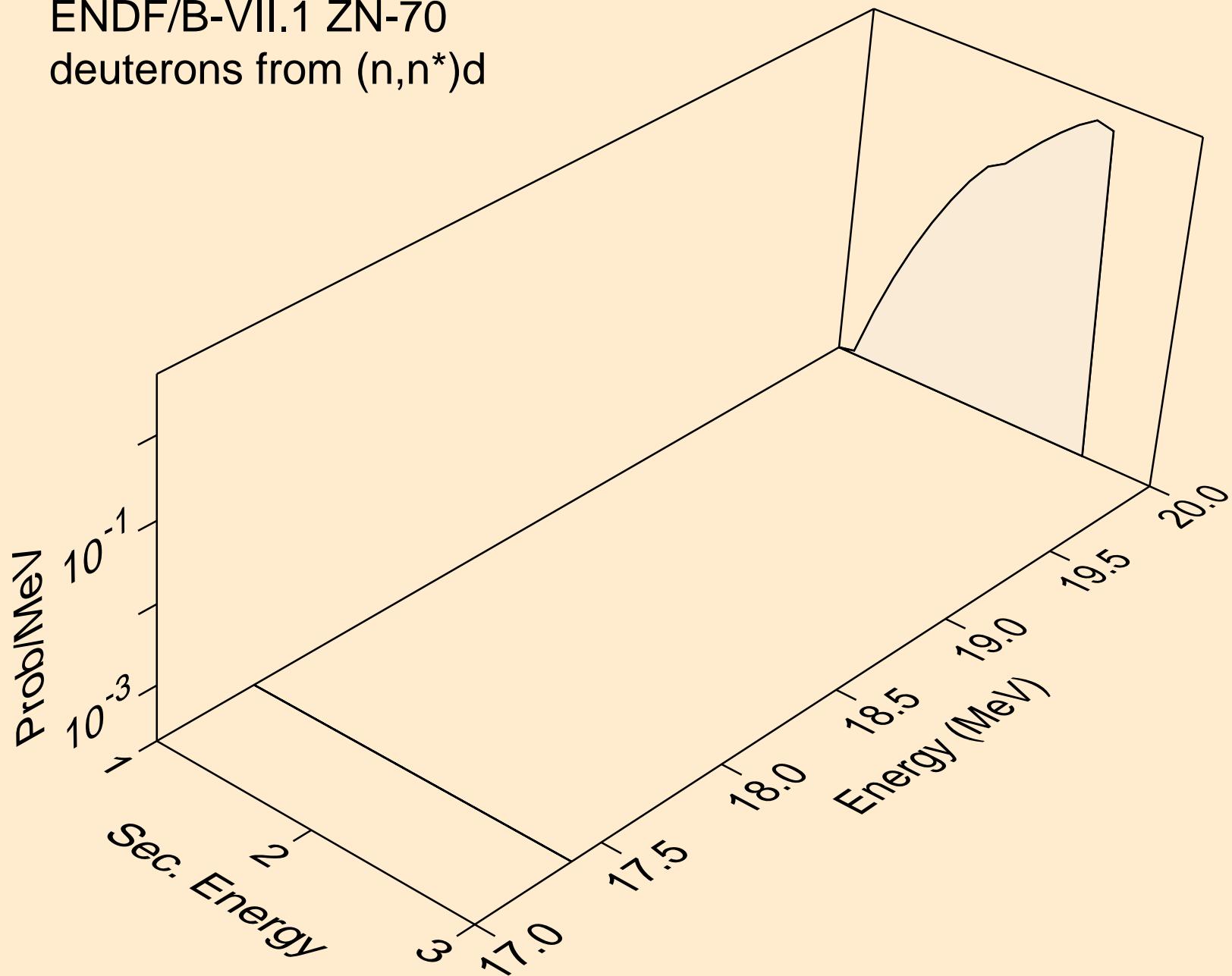
ENDF/B-VII.1 ZN-70  
Particle production cross sections



ENDF/B-VII.1 ZN-70  
protons from  $(n,n^*)p$



ENDF/B-VII.1 ZN-70  
deuterons from  $(n,n^*)d$



ENDF/B-VII.1 ZN-70  
alphas from  $(n,n^*)a$

