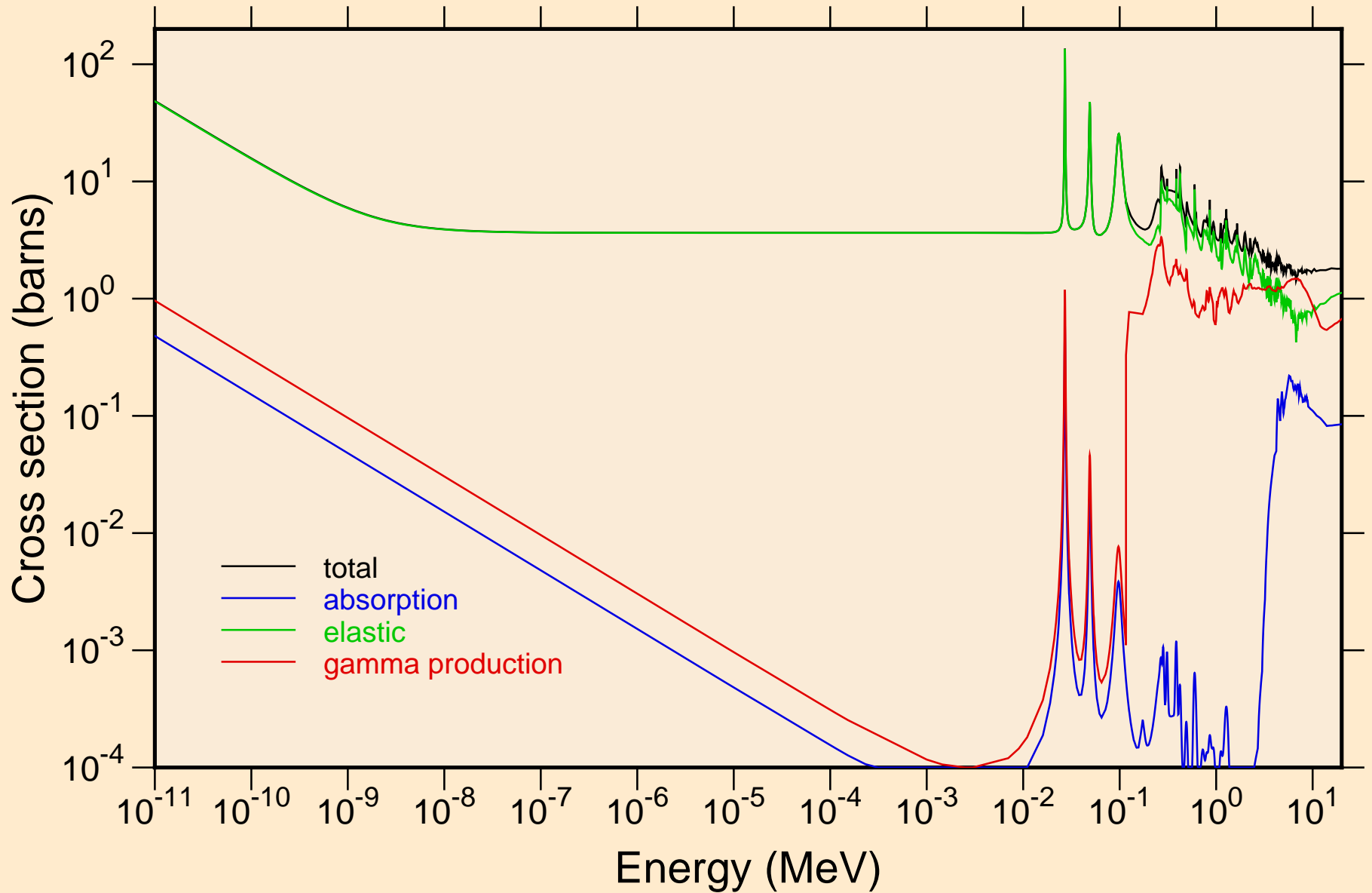


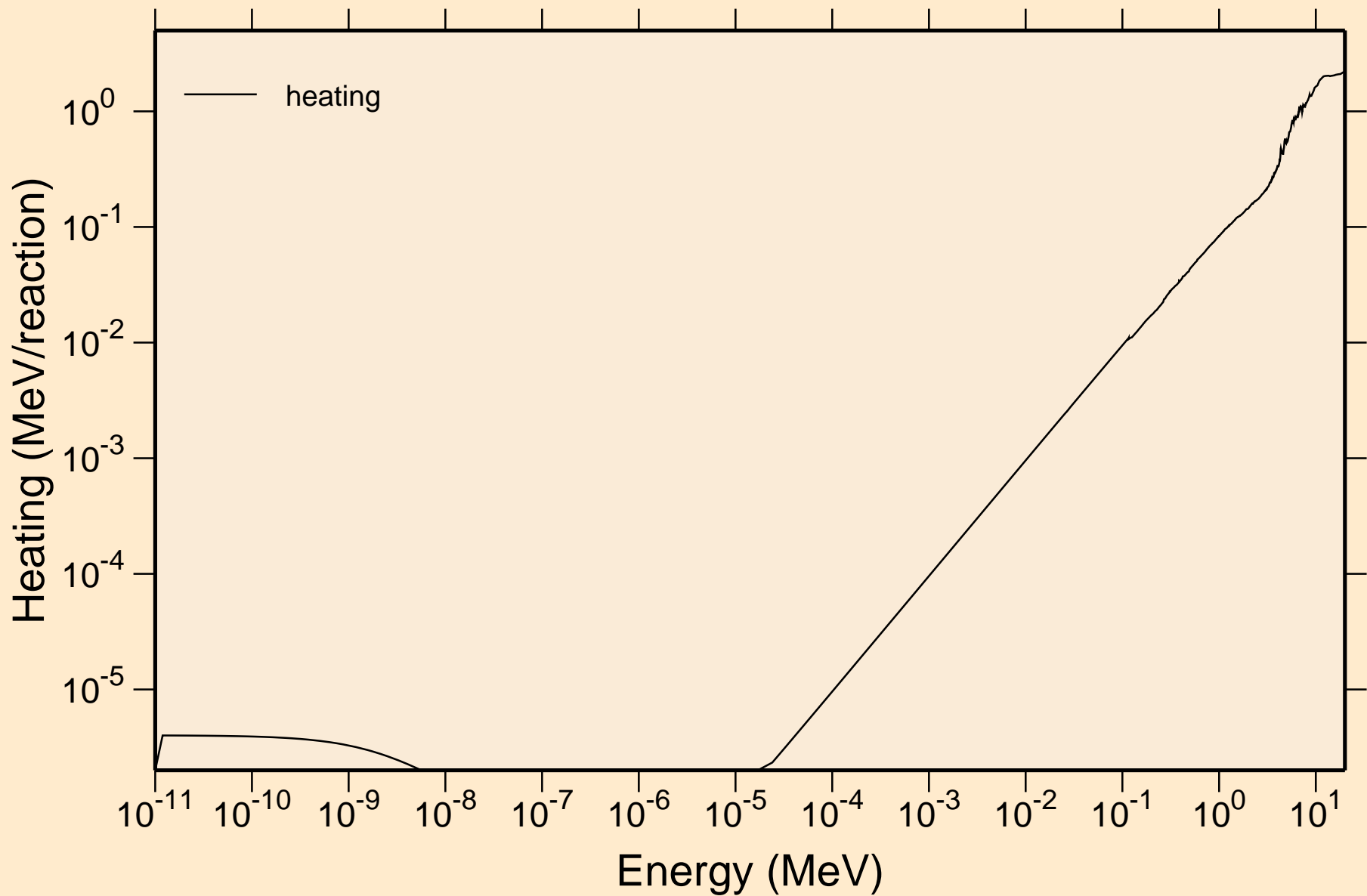
# CENDL-2 F-19

## Principal cross sections

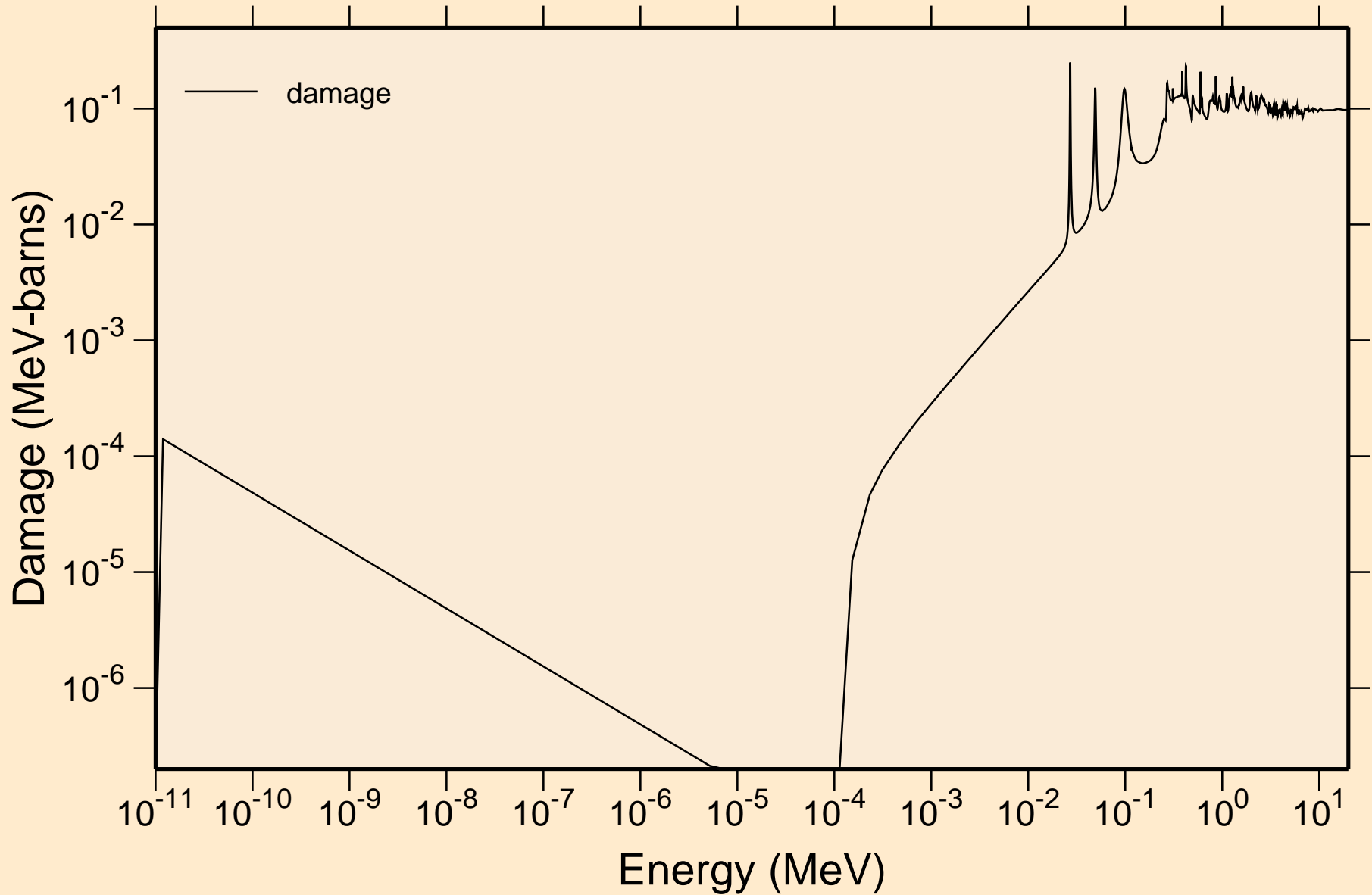


# CENDL-2 F-19

## Heating

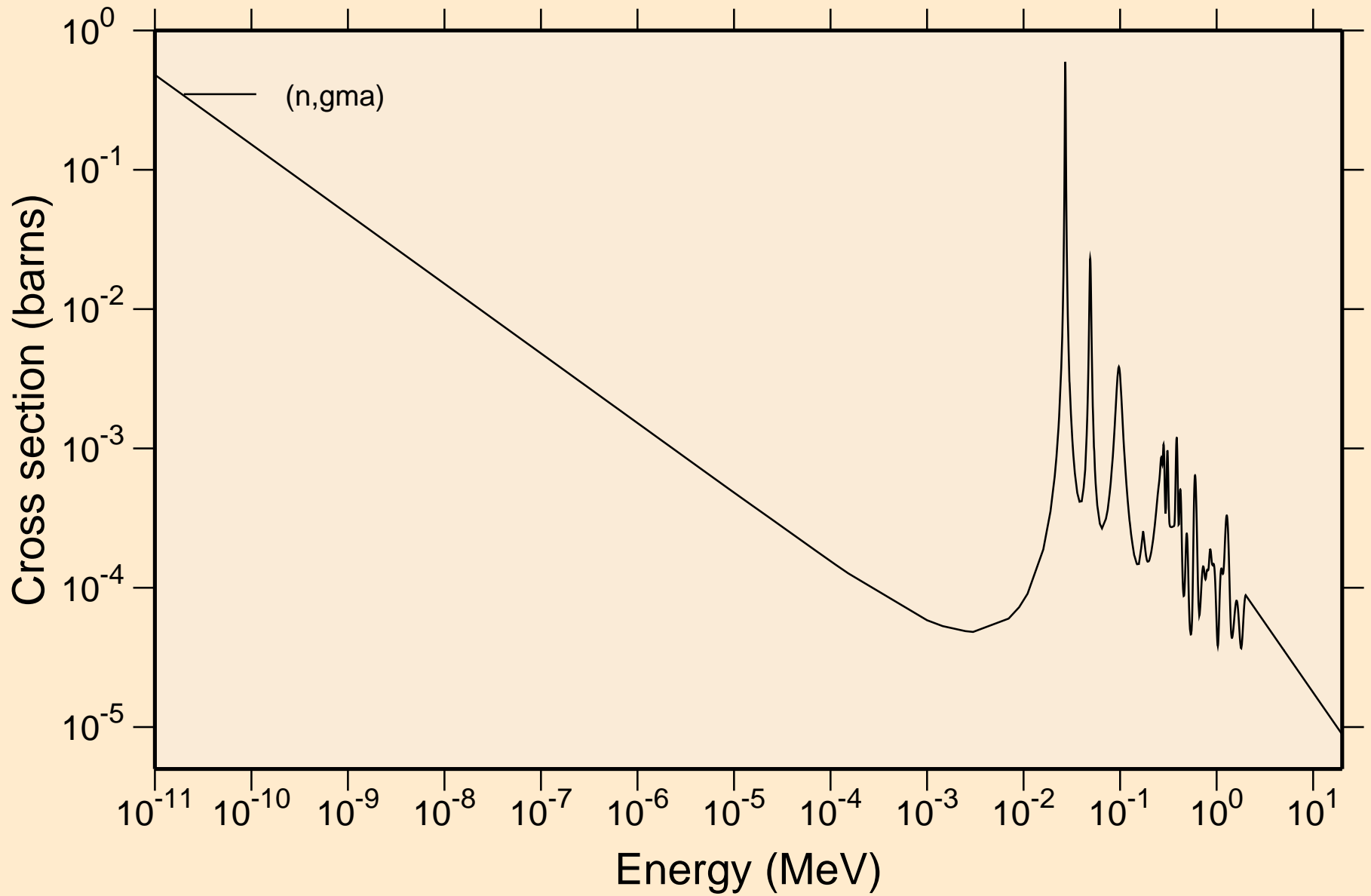


# CENDL-2 F-19 Damage



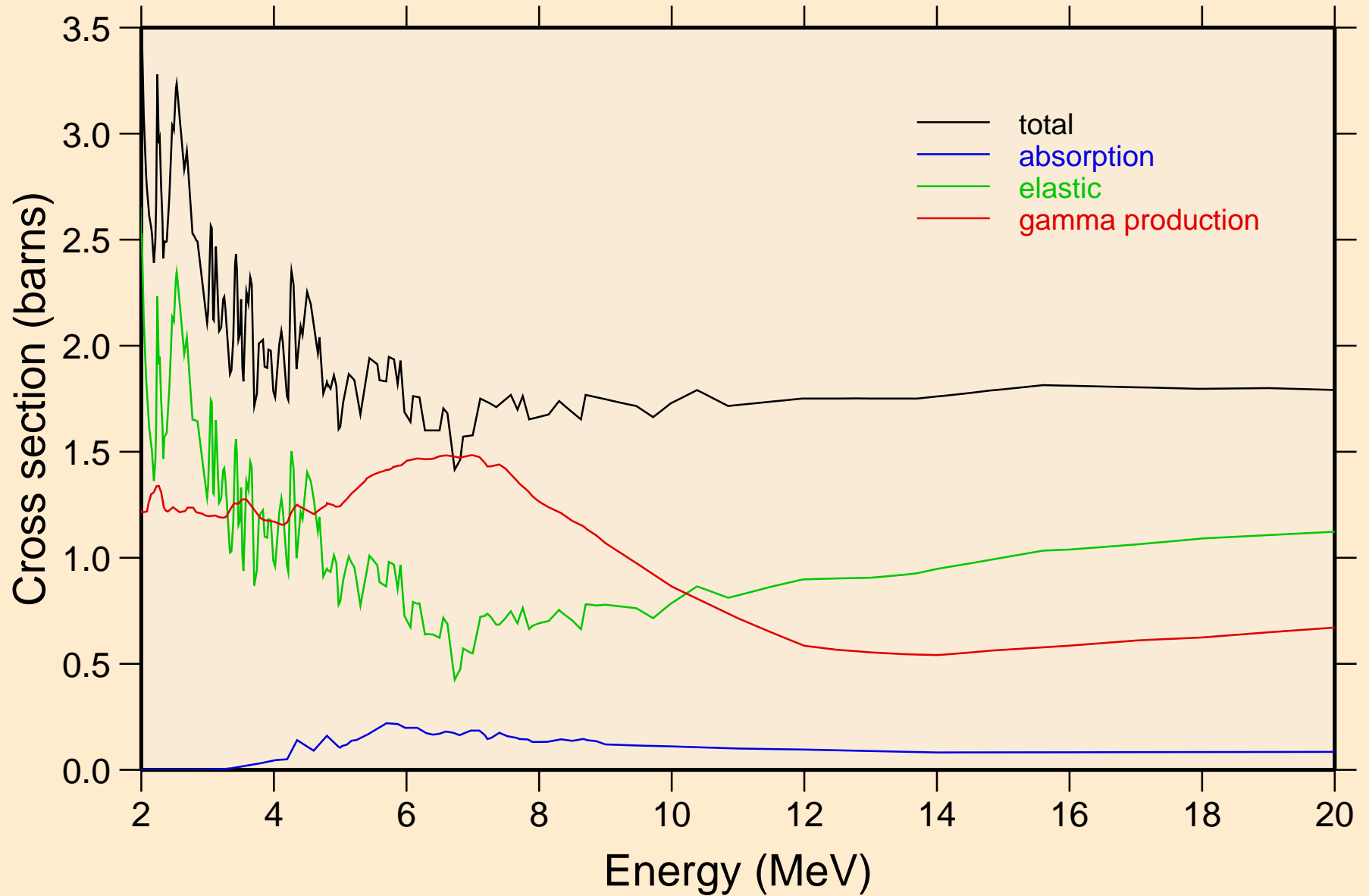
# CENDL-2 F-19

## Non-threshold reactions



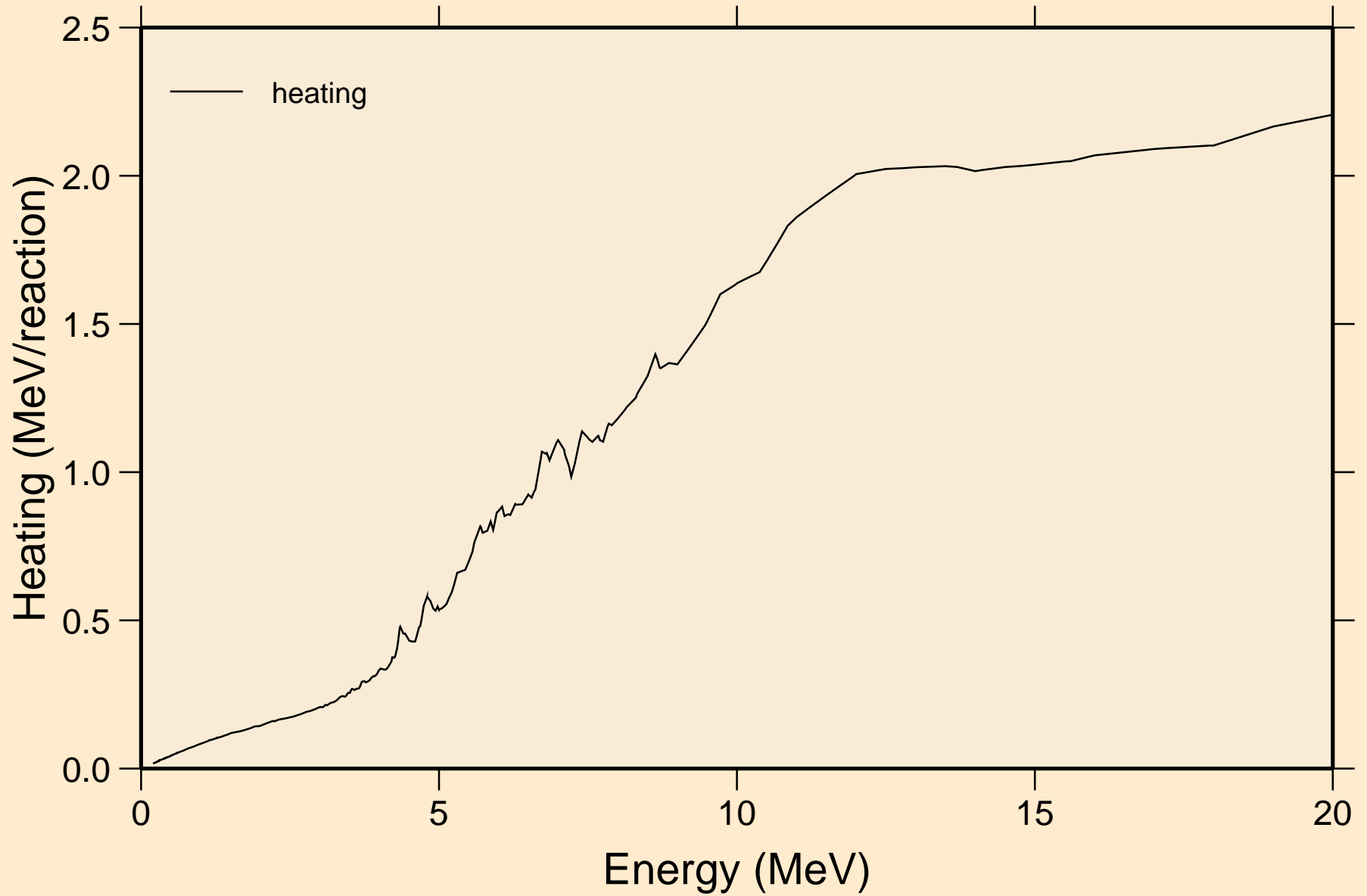
# CENDL-2 F-19

## Principal cross sections

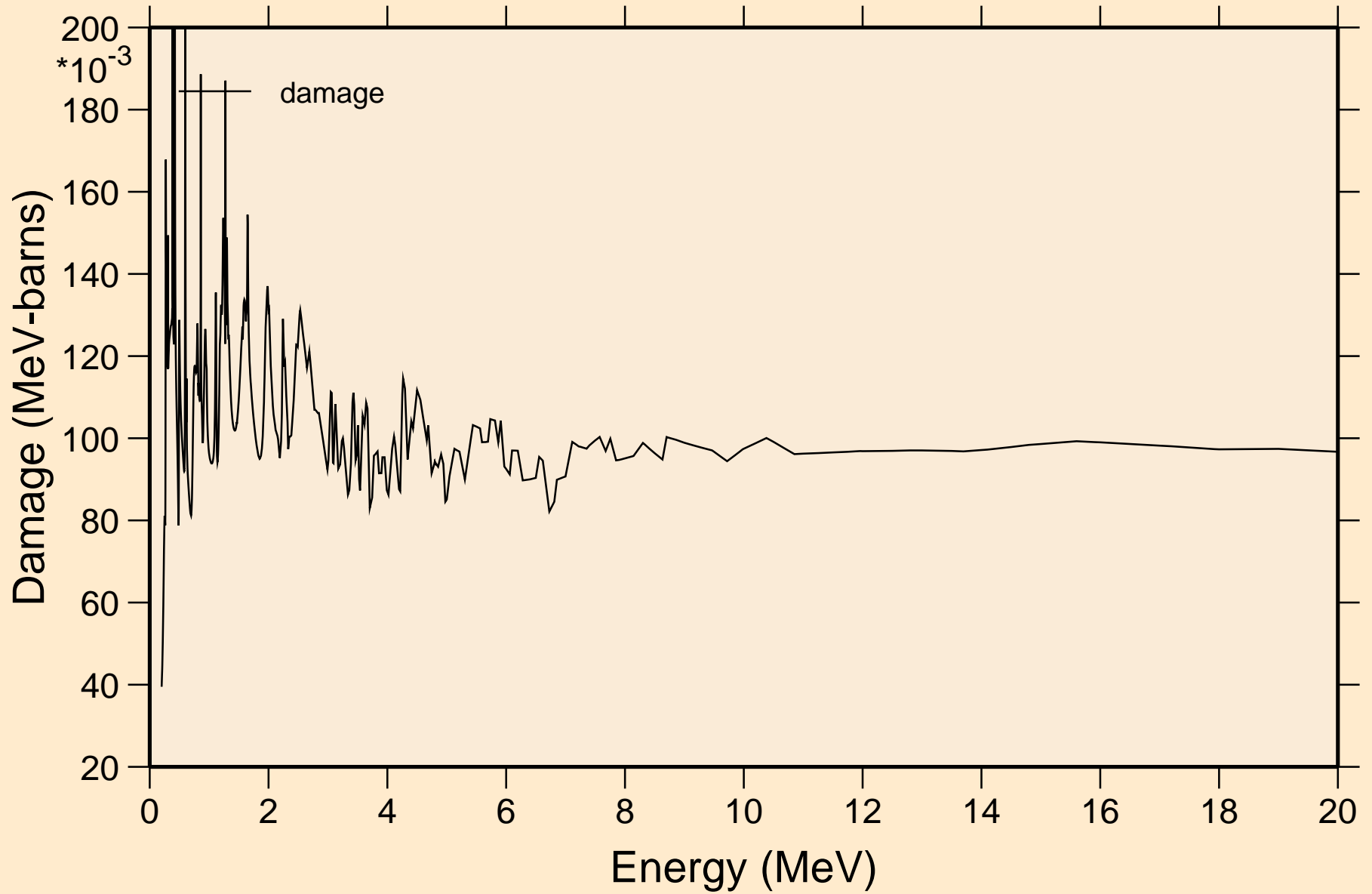


# CENDL-2 F-19

## Heating

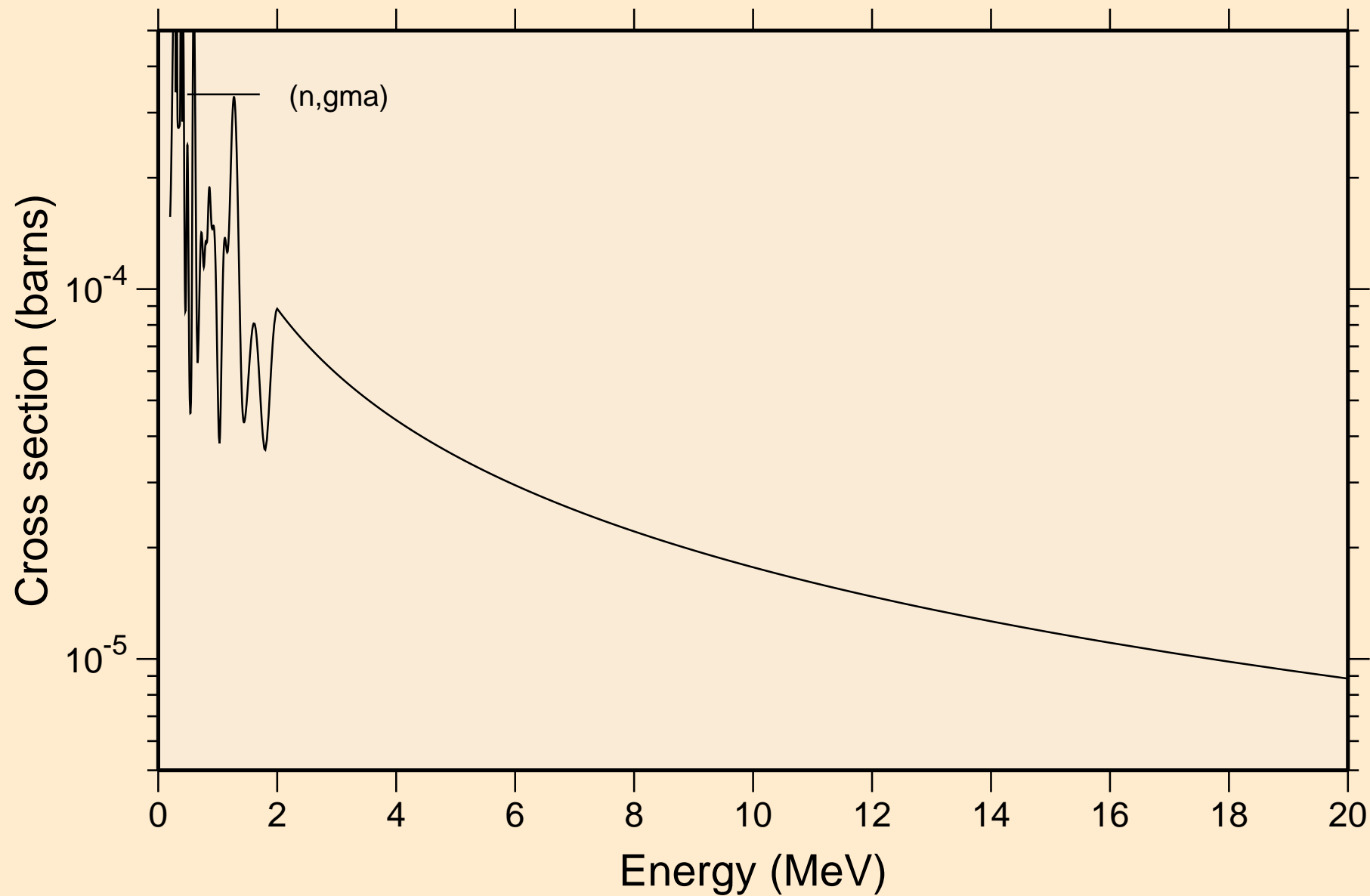


# CENDL-2 F-19 Damage



# CENDL-2 F-19

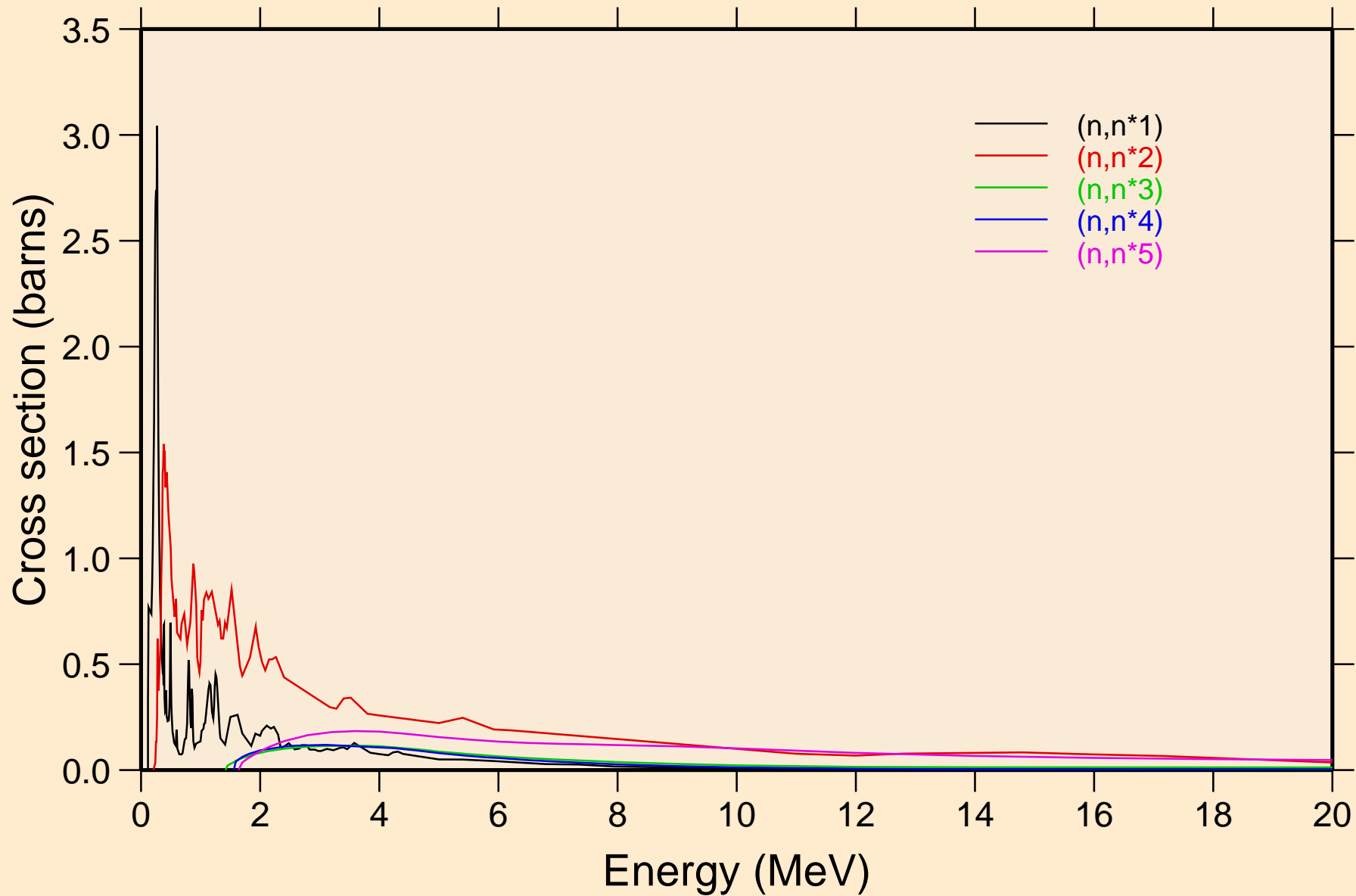
## Non-threshold reactions





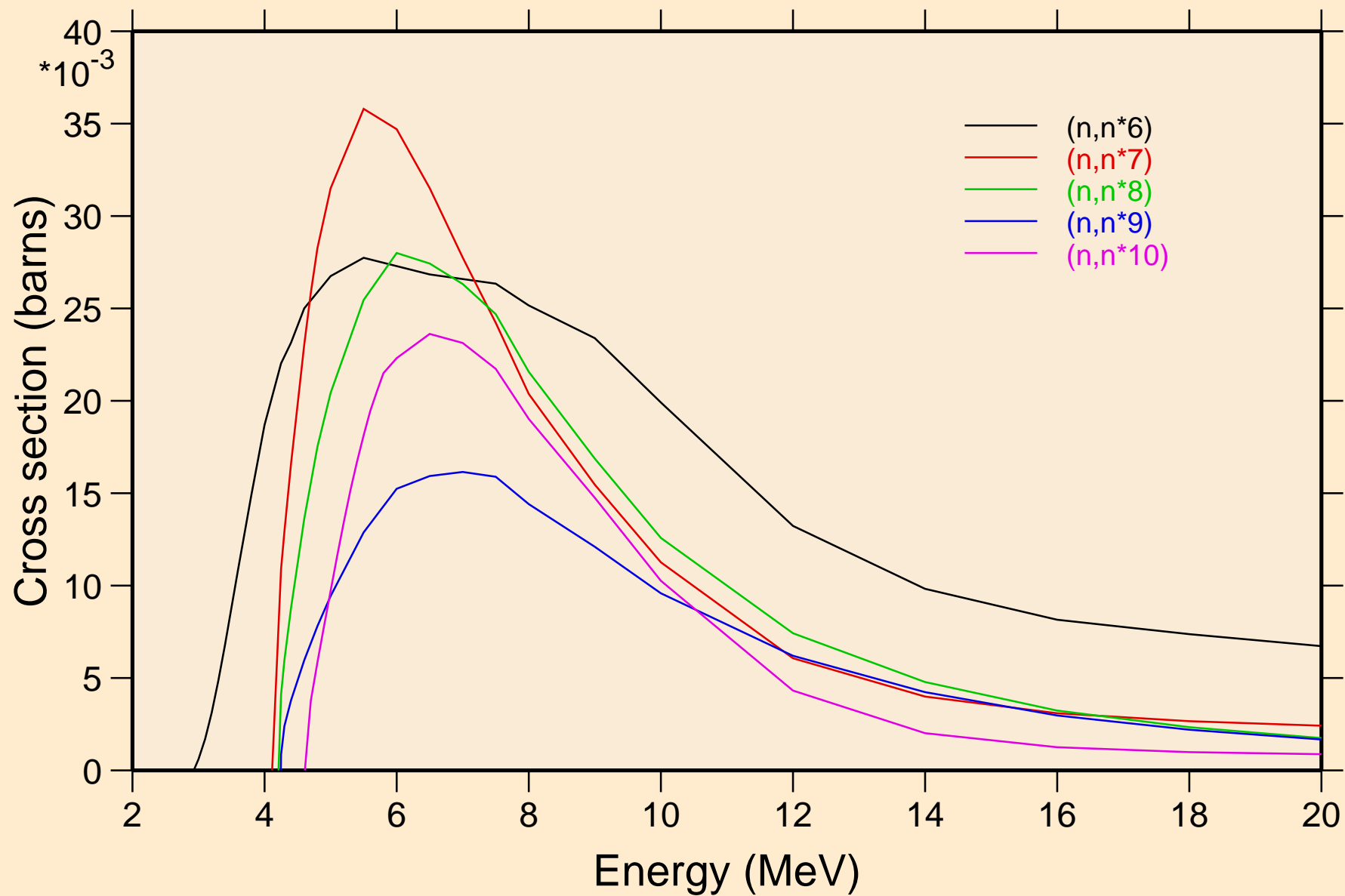
# CENDL-2 F-19

## Inelastic levels

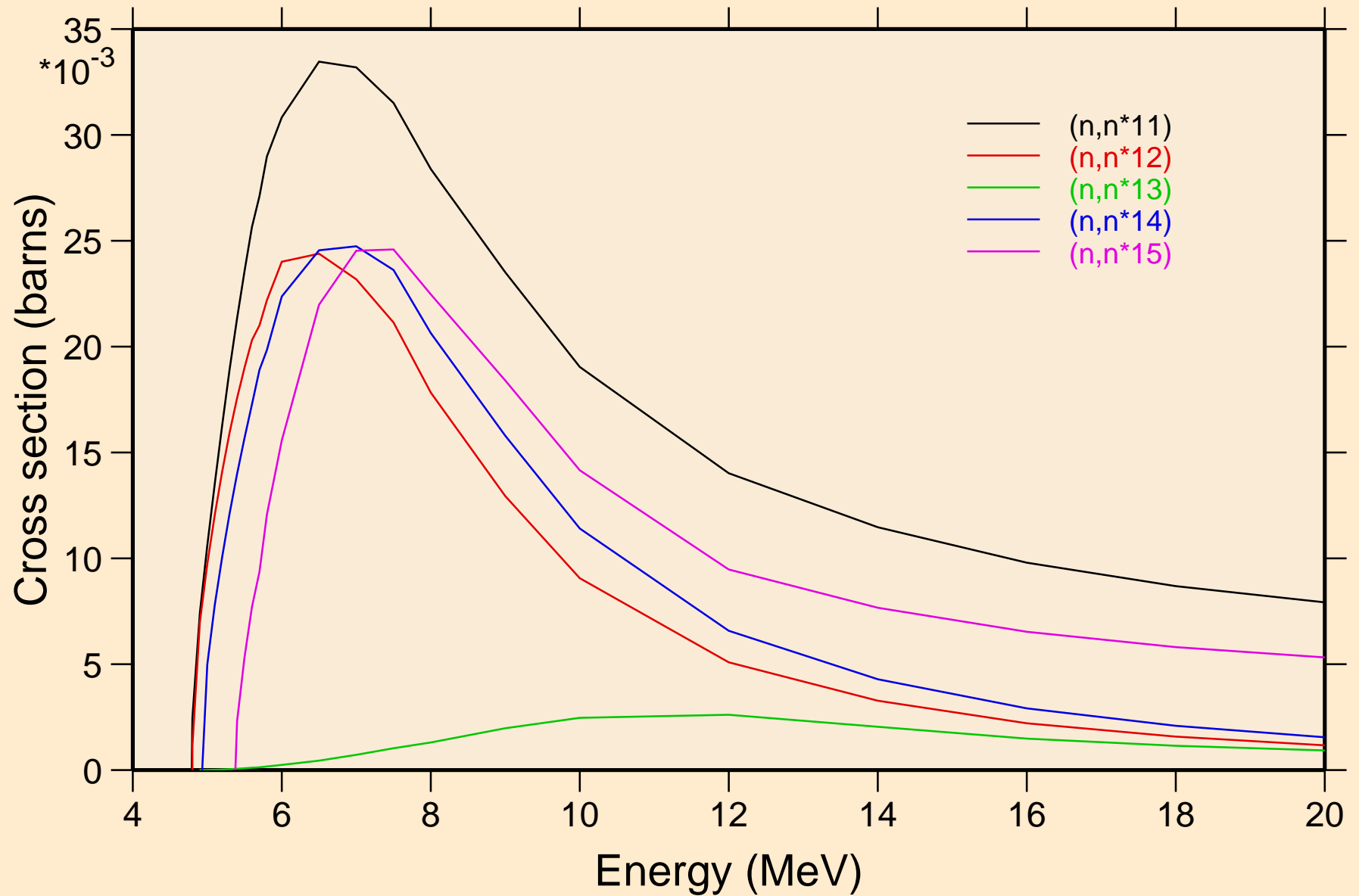


# CENDL-2 F-19

## Inelastic levels

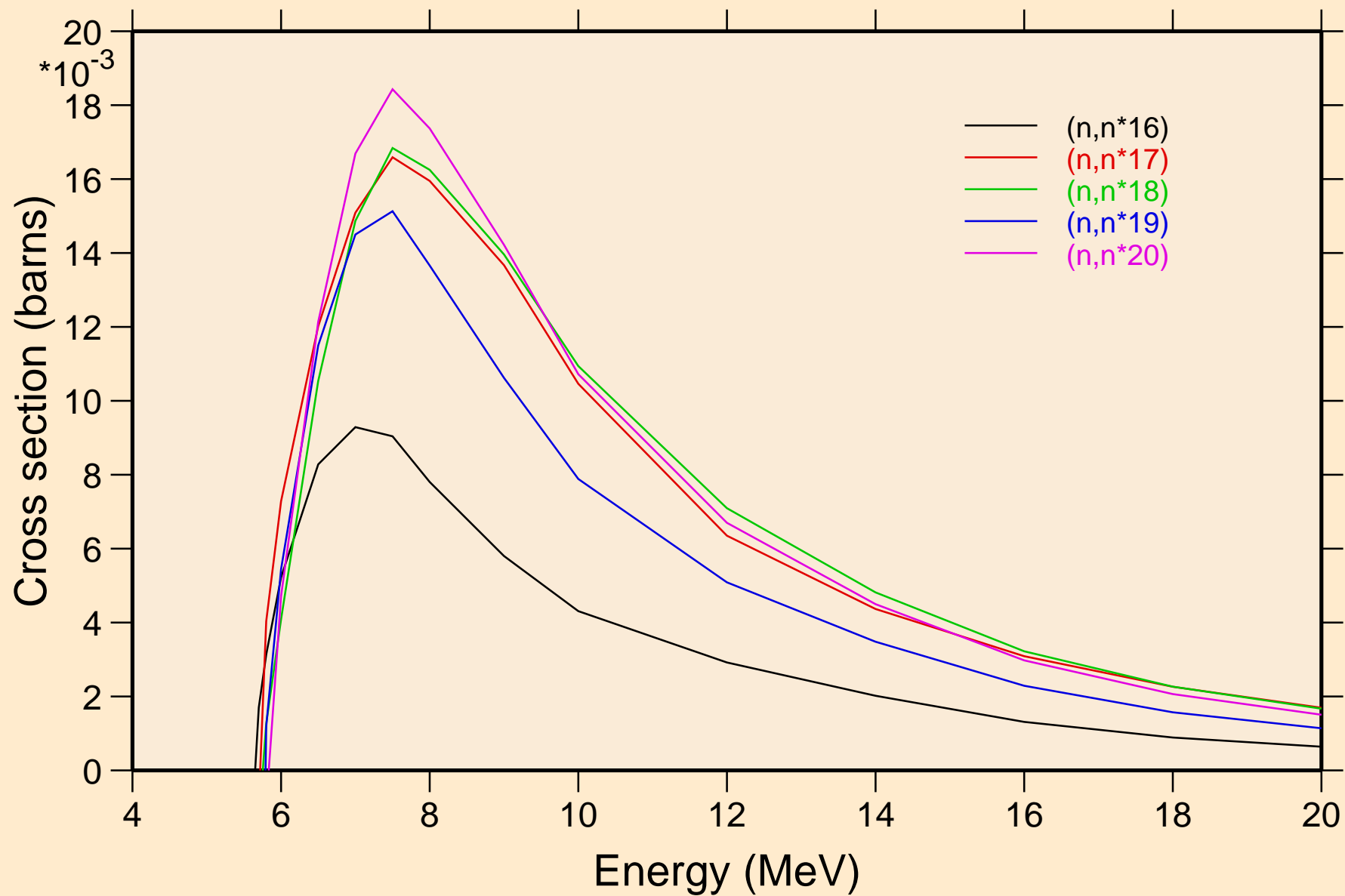


# CENDL-2 F-19 Inelastic levels

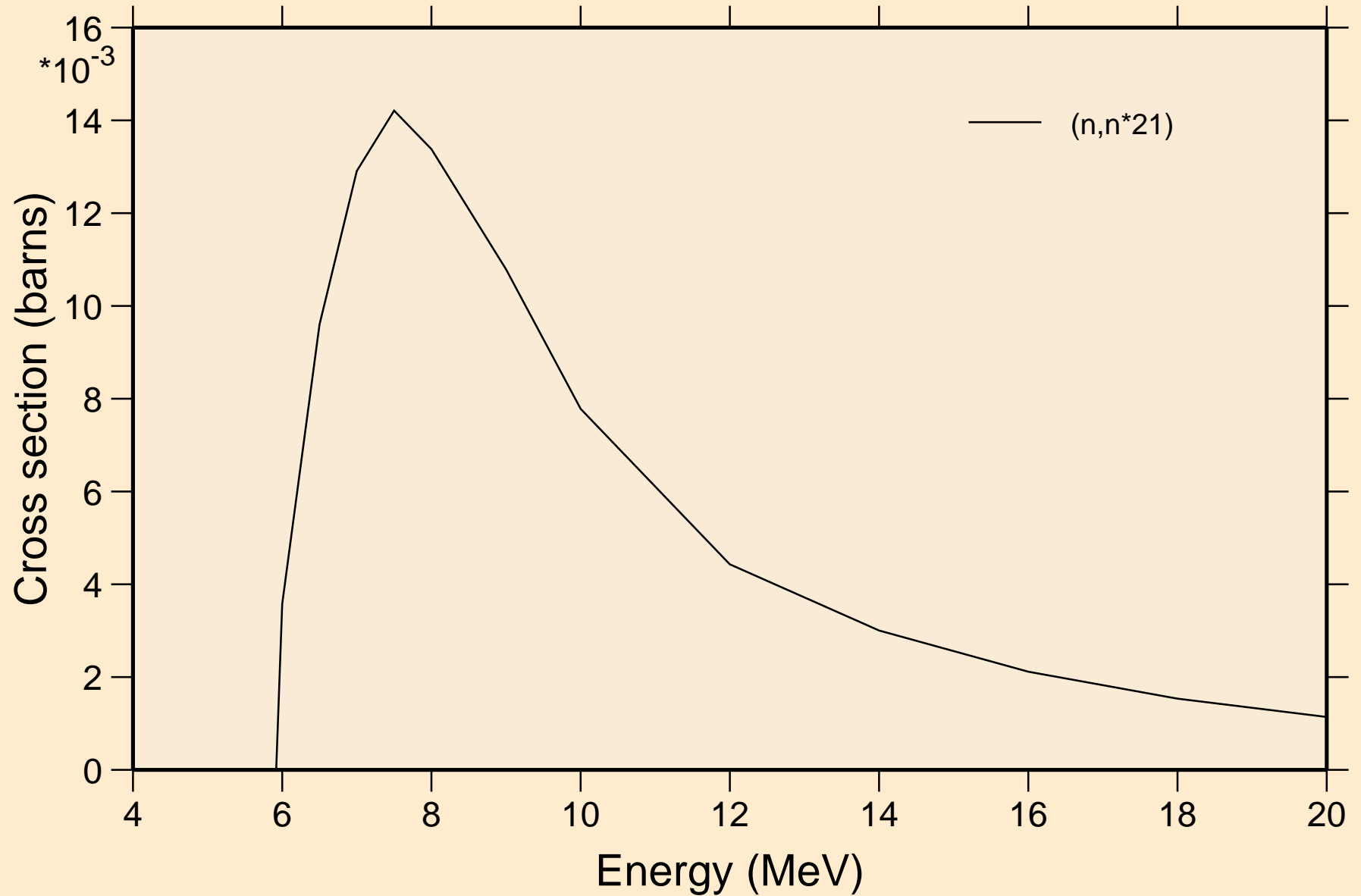


# CENDL-2 F-19

## Inelastic levels

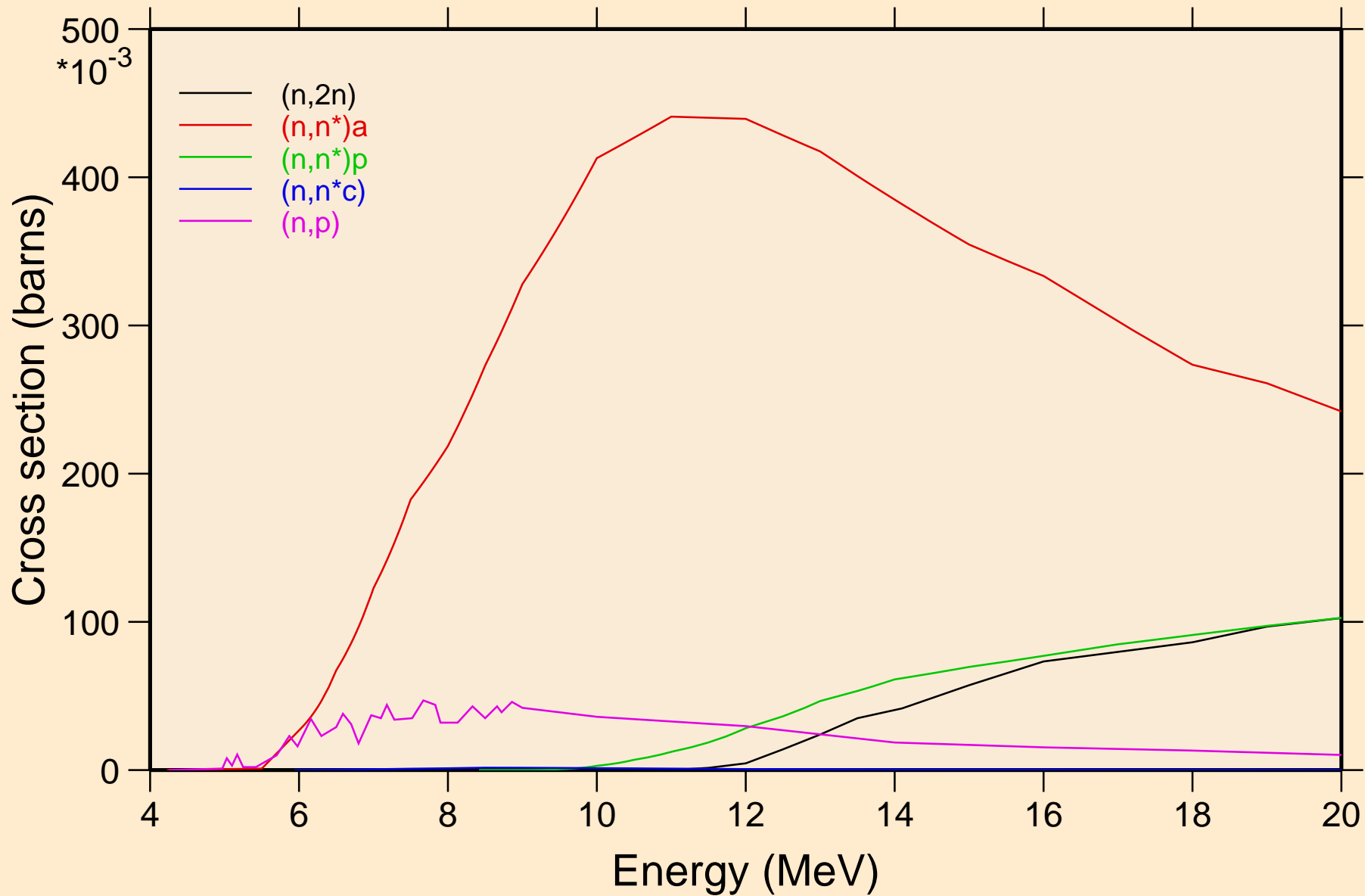


CENDL-2 F-19  
Inelastic levels



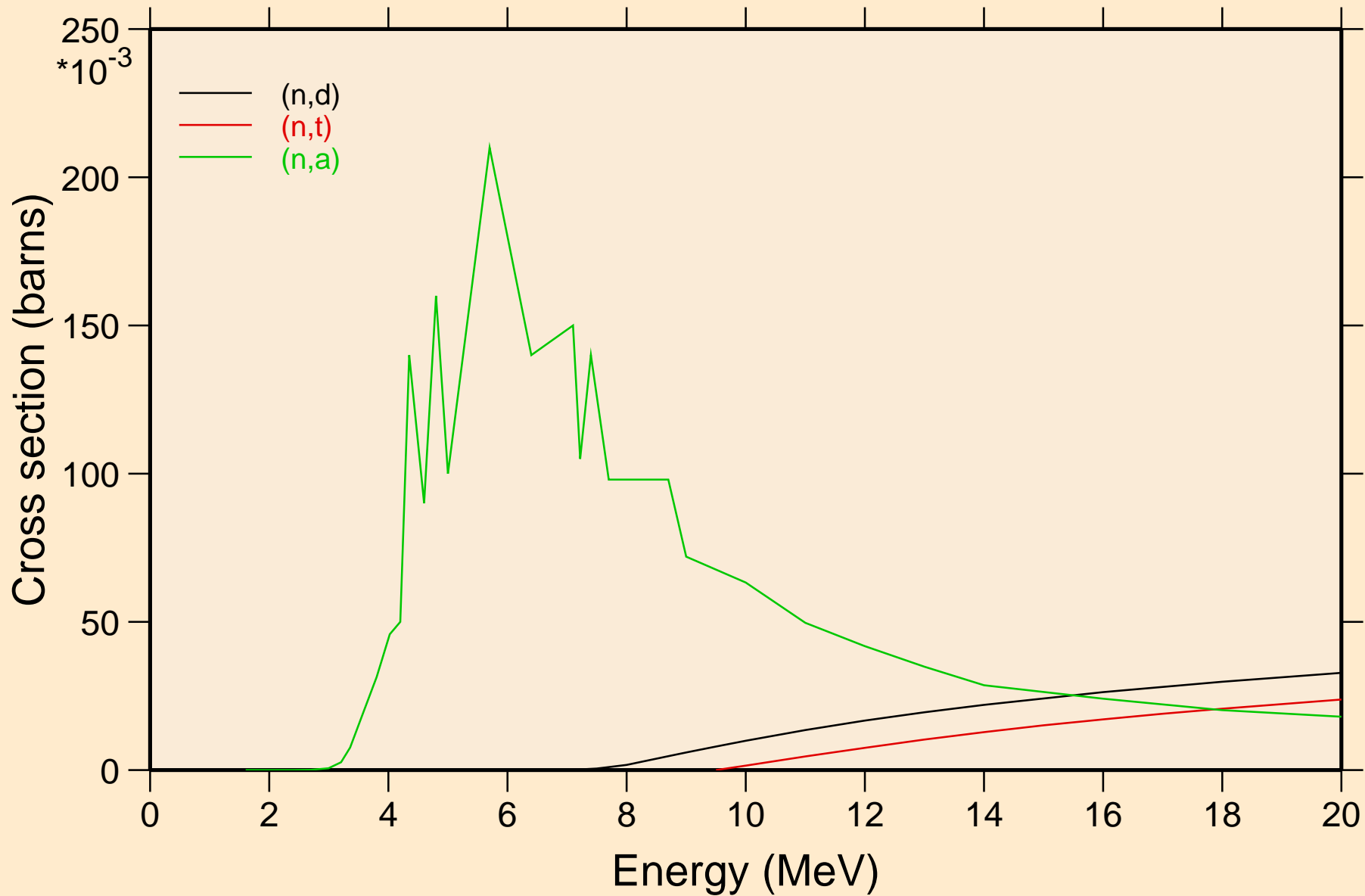
# CENDL-2 F-19

## Threshold reactions



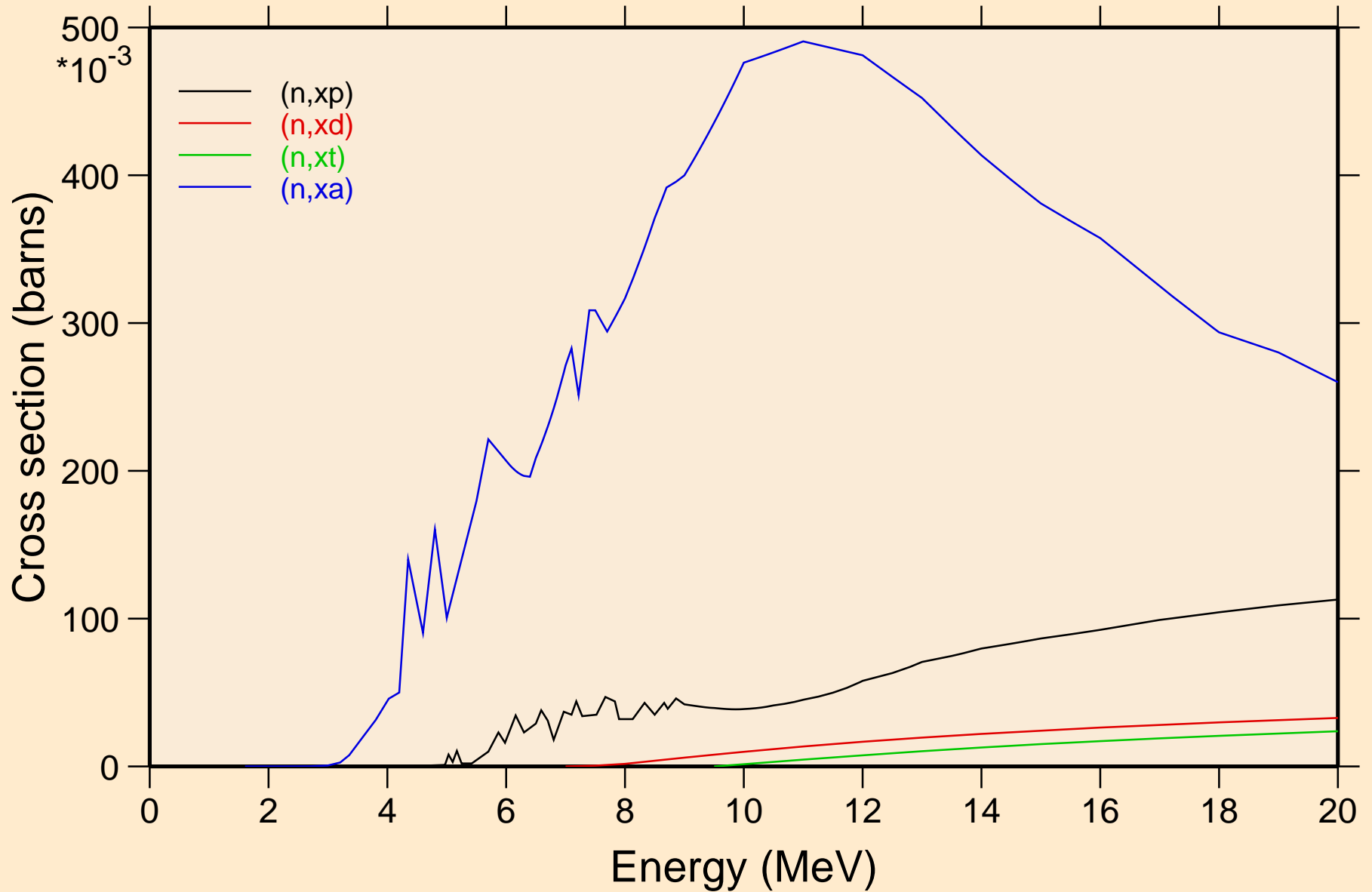
# CENDL-2 F-19

## Threshold reactions



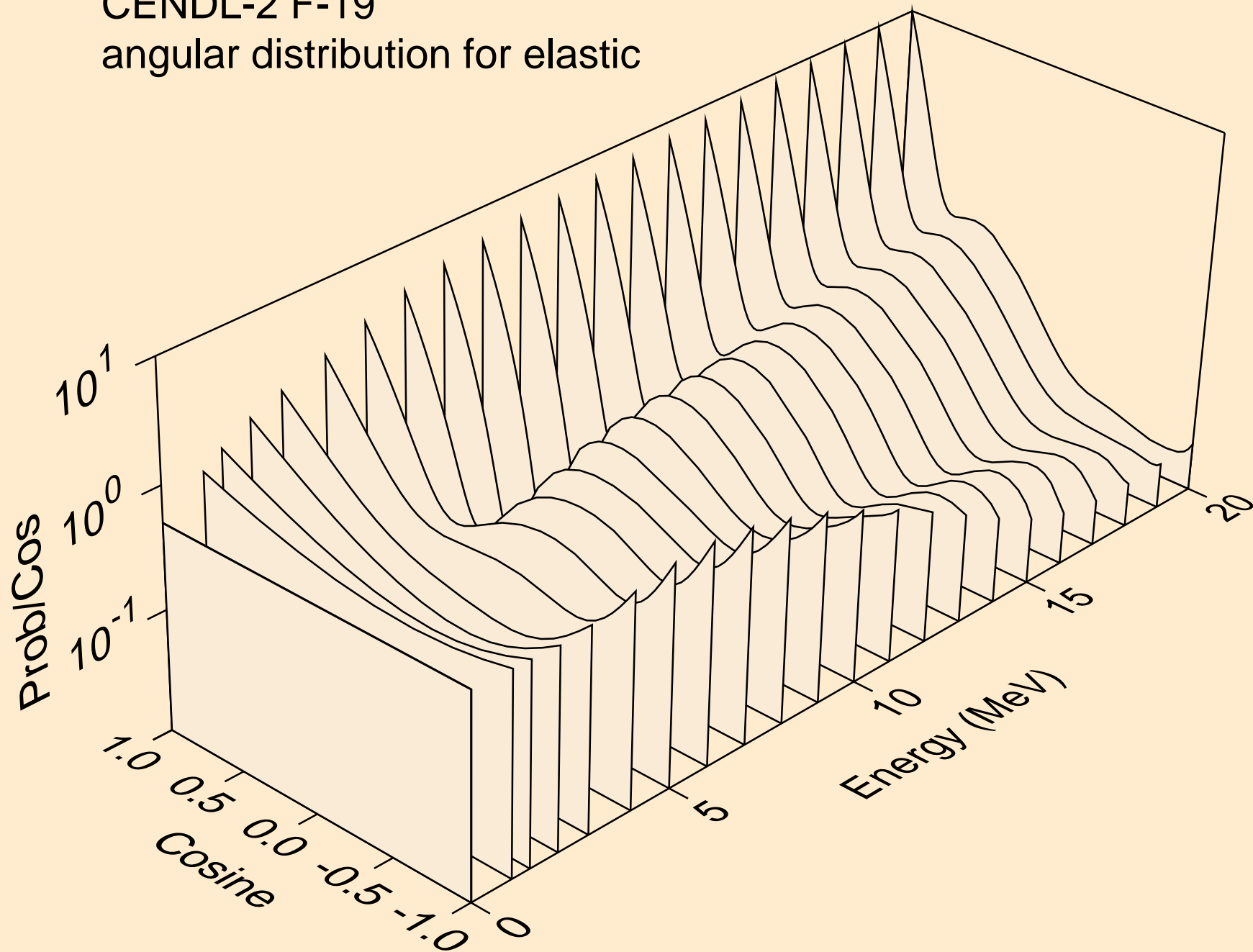
# CENDL-2 F-19

## Threshold reactions

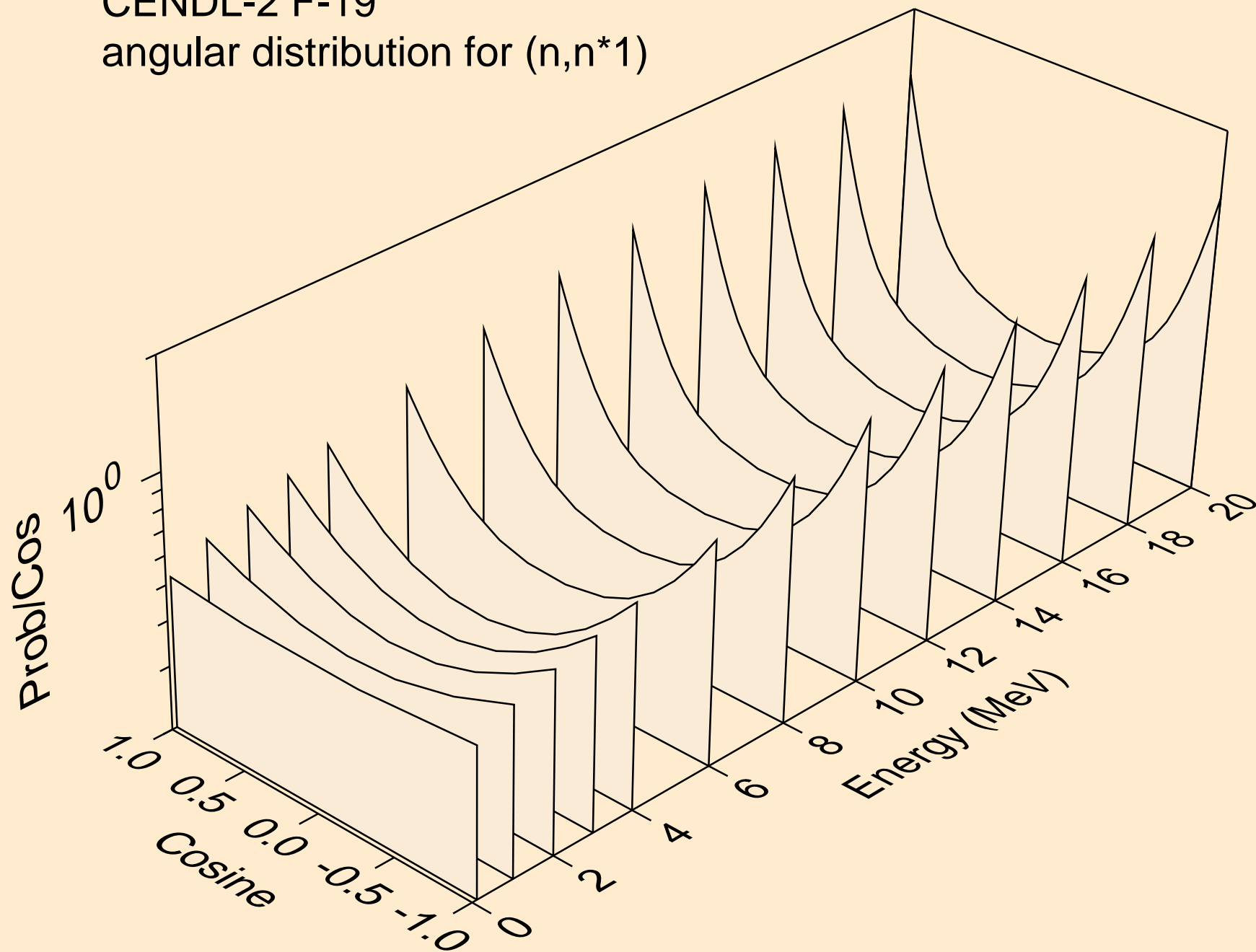




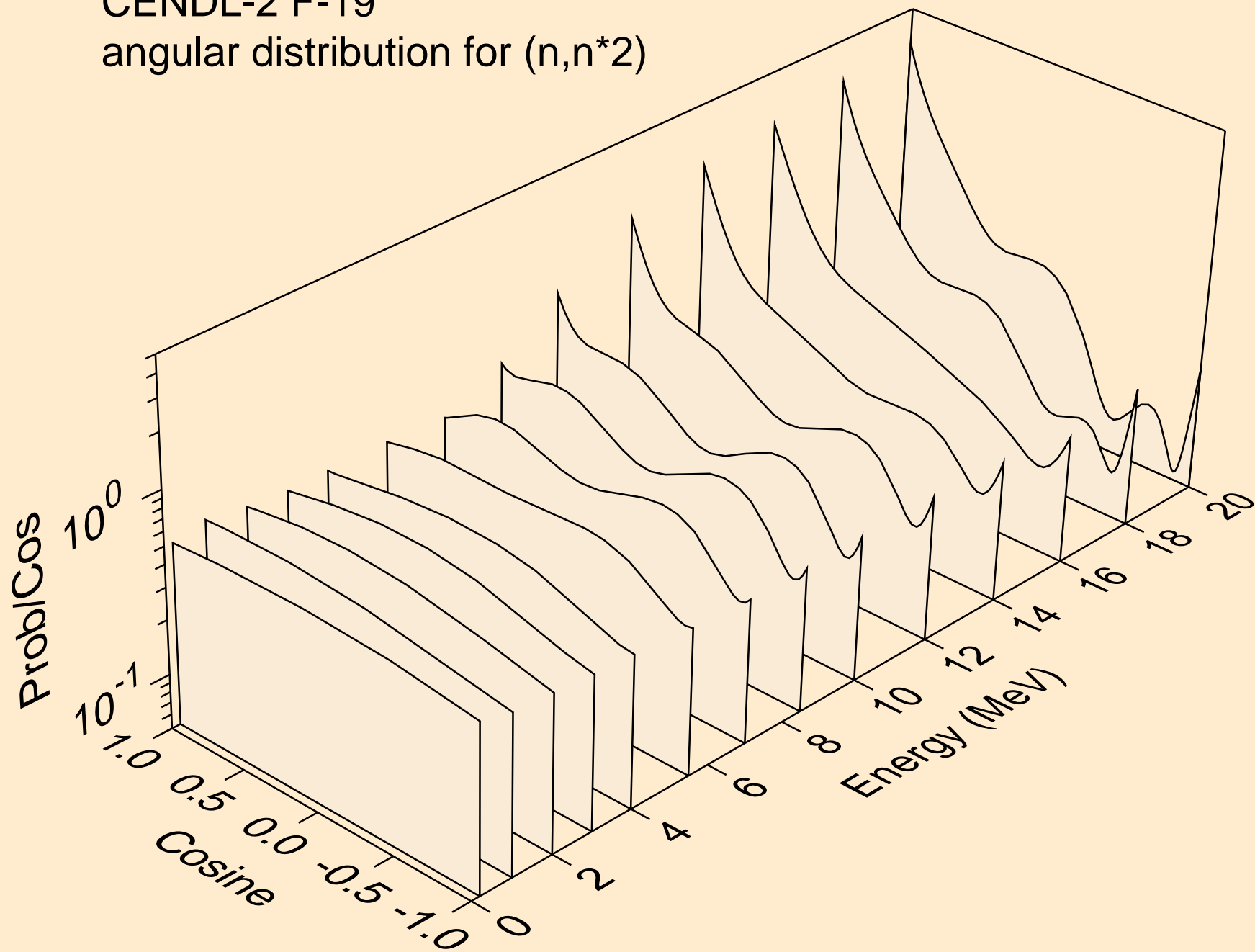
CENDL-2 F-19  
angular distribution for elastic



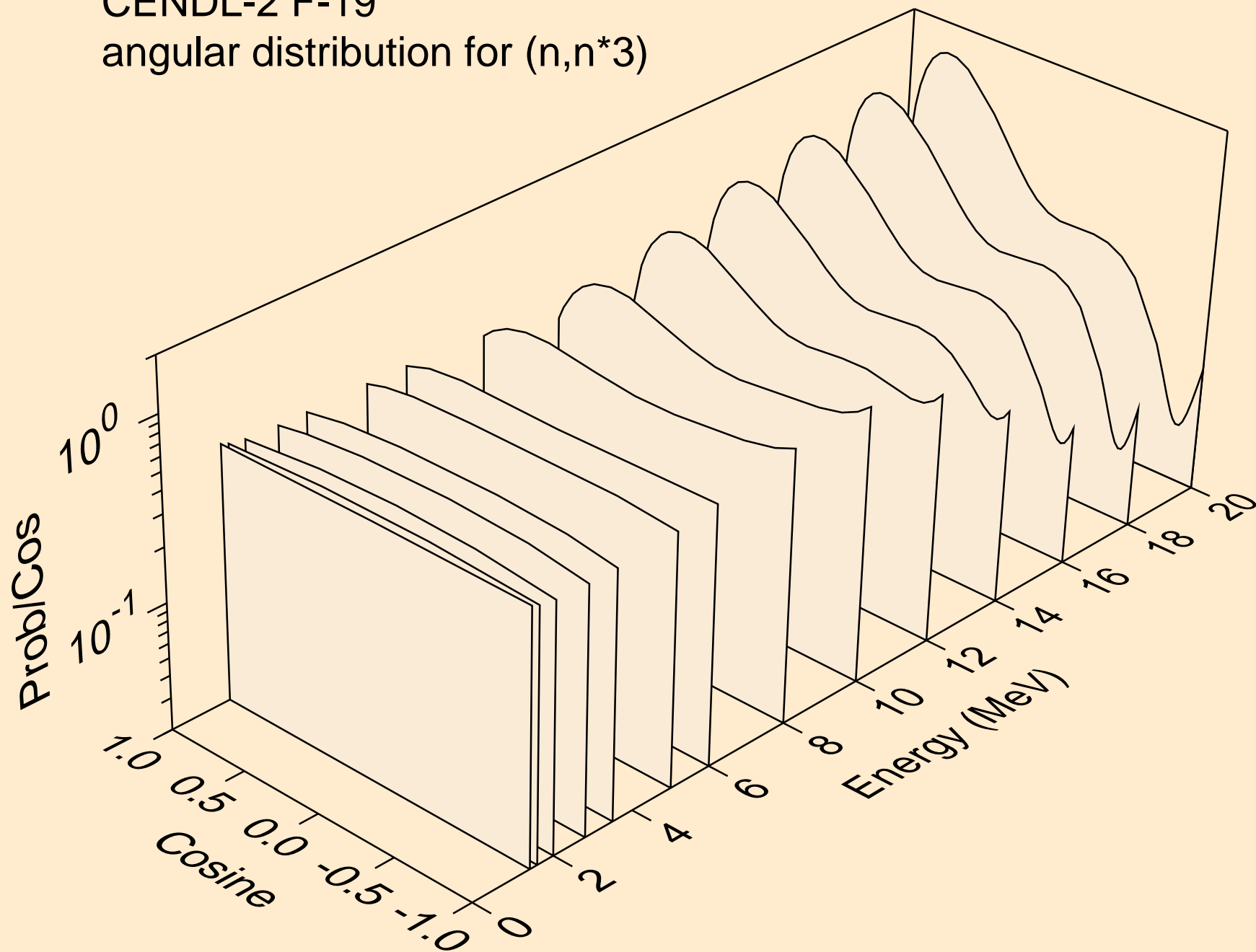
CENDL-2 F-19  
angular distribution for (n,n\*1)



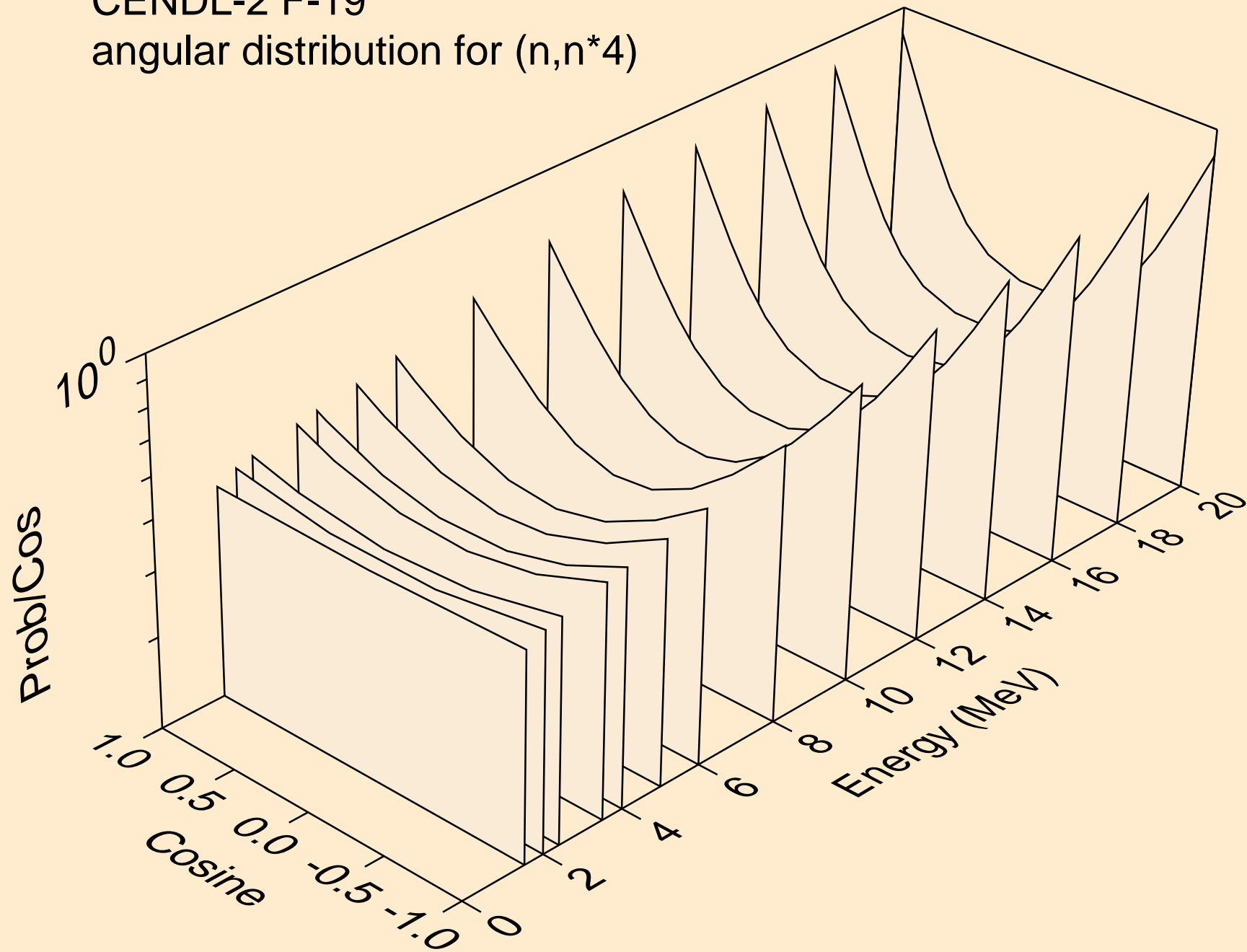
CENDL-2 F-19  
angular distribution for (n,n\*2)



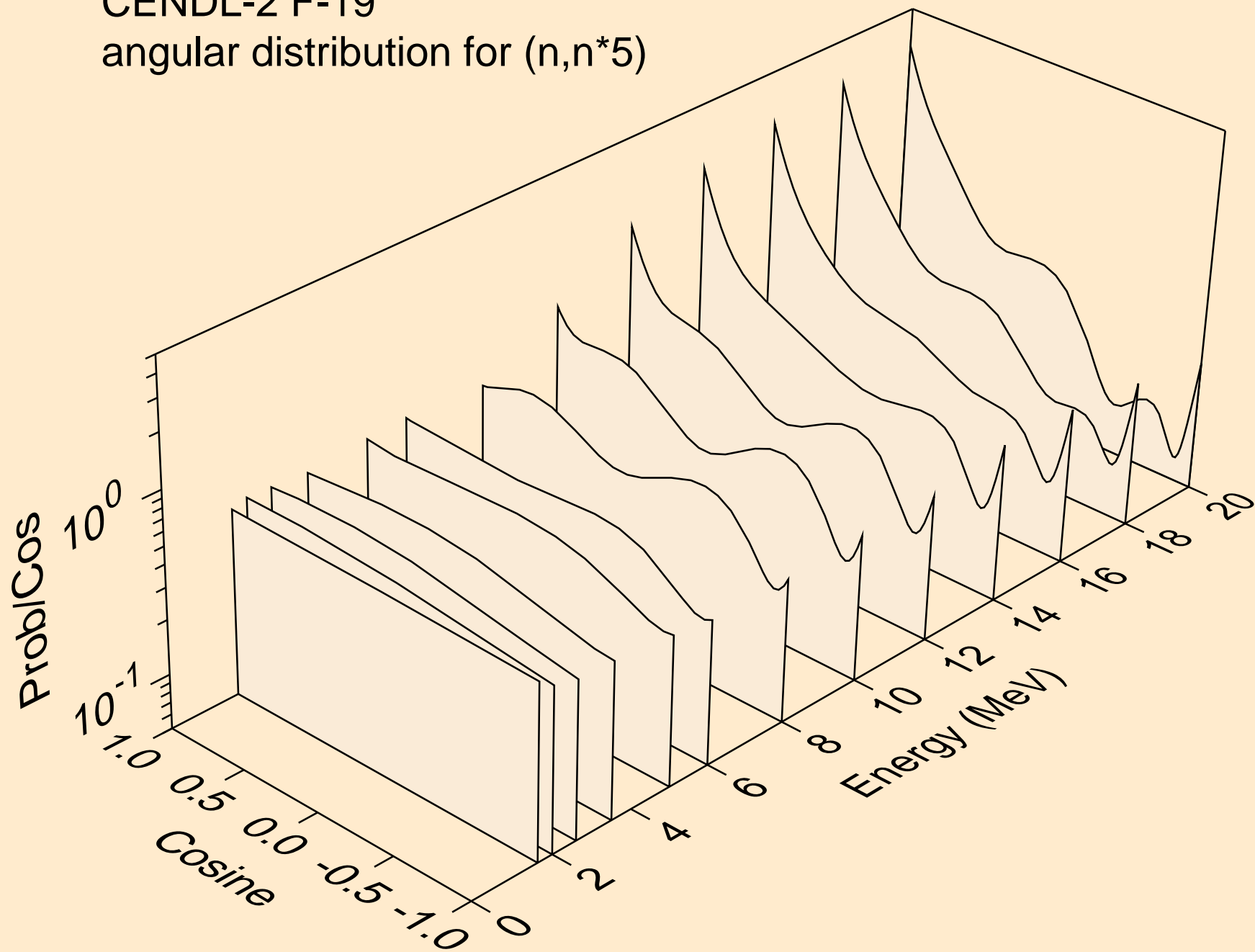
CENDL-2 F-19  
angular distribution for (n,n\*3)



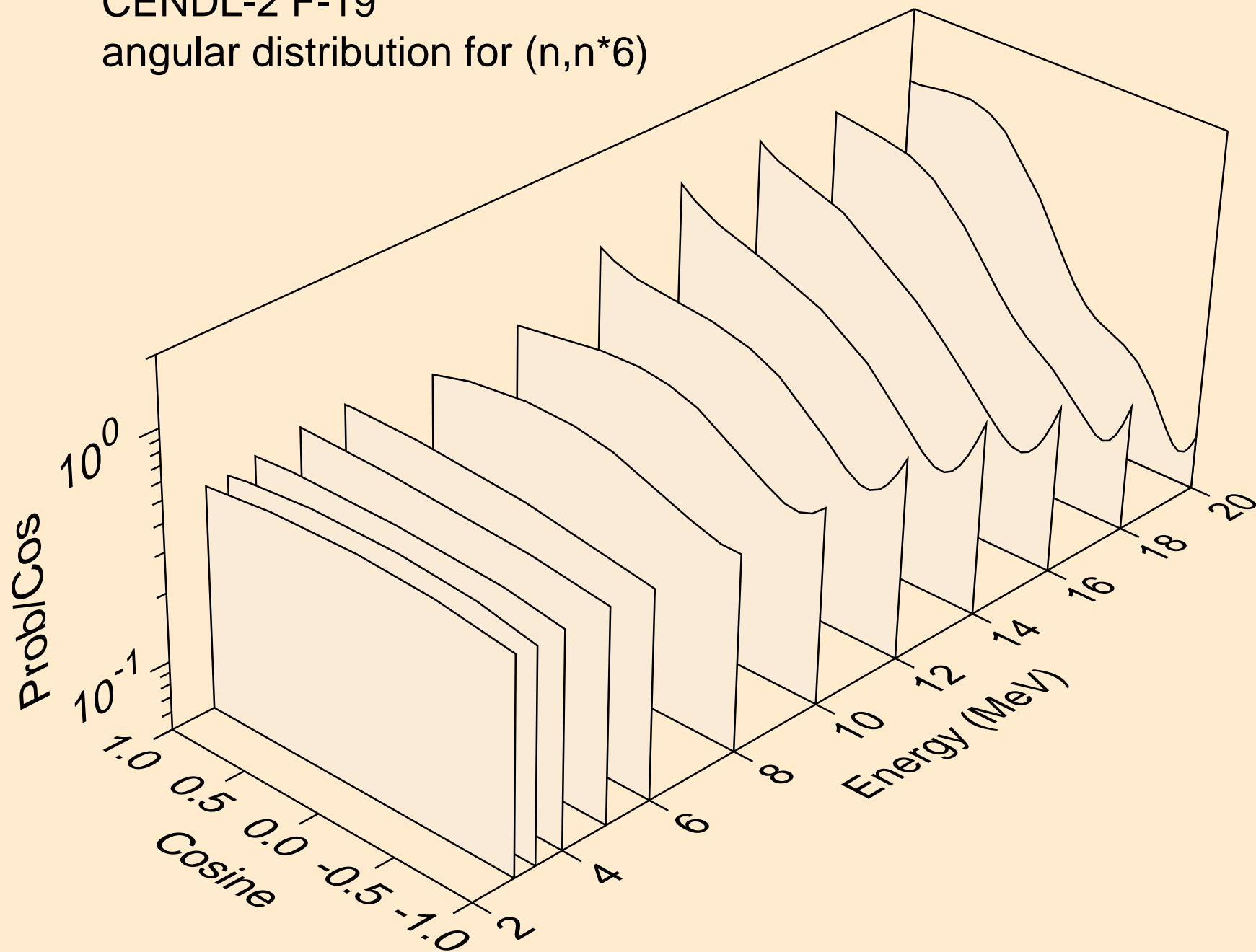
CENDL-2 F-19  
angular distribution for (n,n\*4)



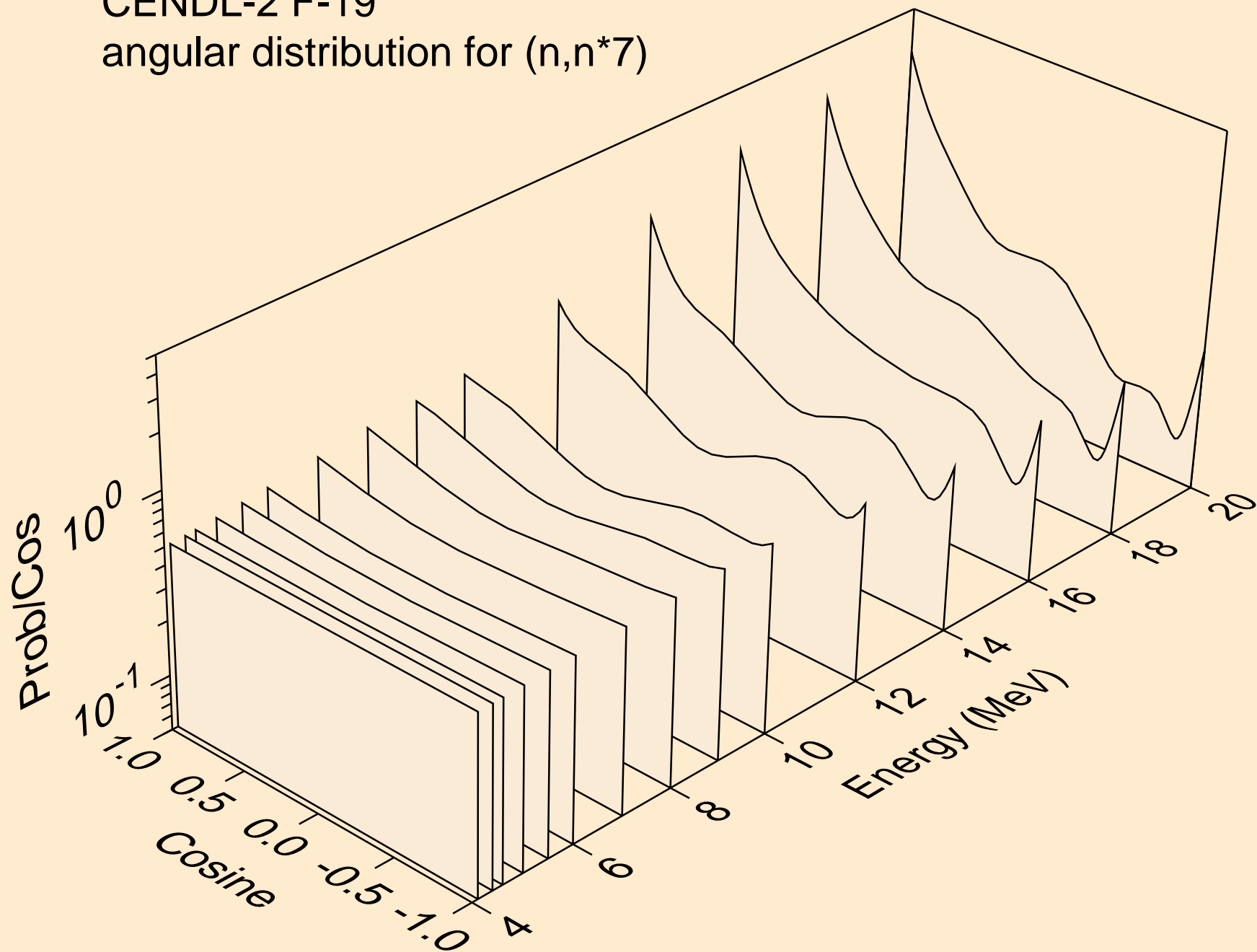
CENDL-2 F-19  
angular distribution for (n,n\*5)



CENDL-2 F-19  
angular distribution for (n,n\*6)

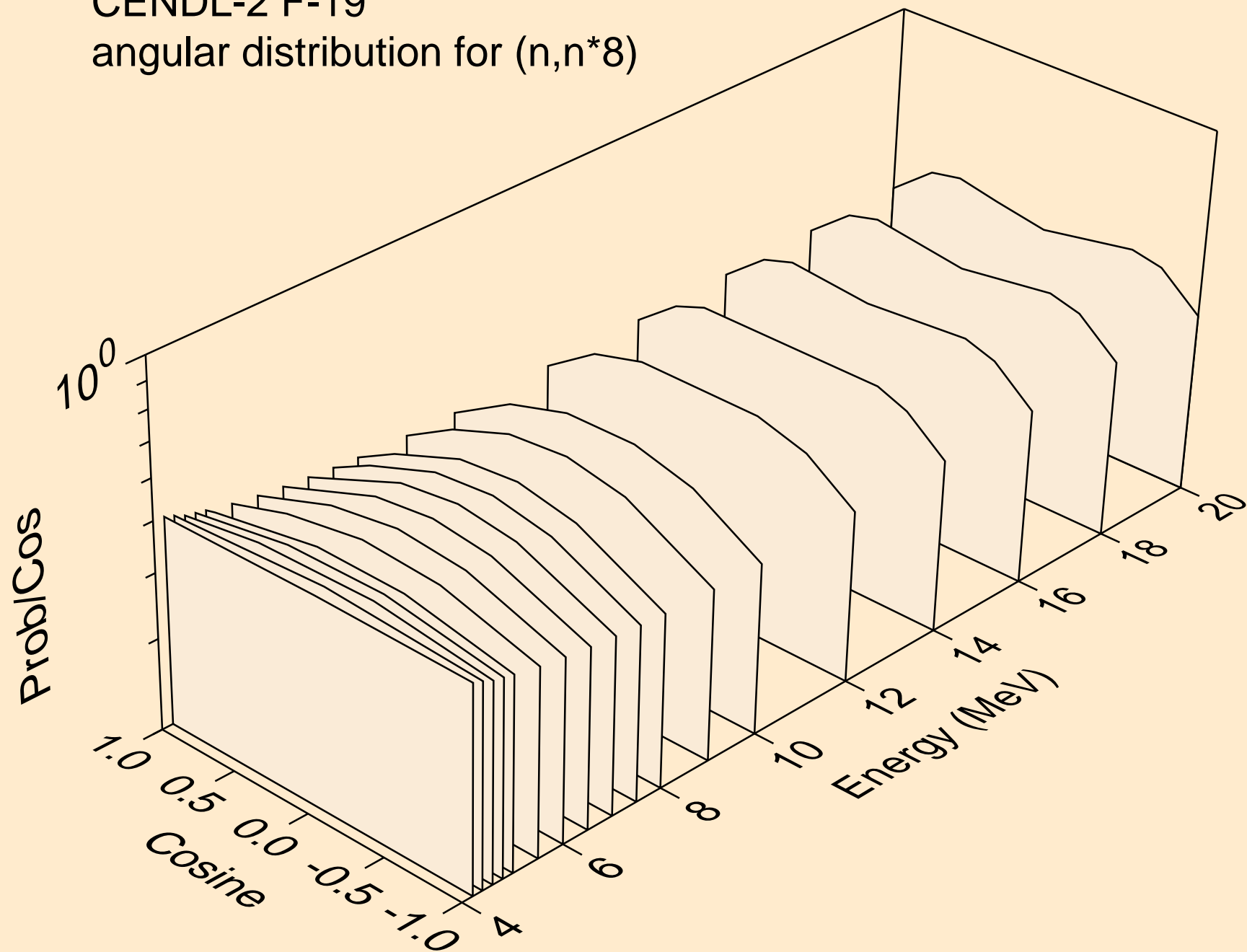


CENDL-2 F-19  
angular distribution for (n,n\*7)

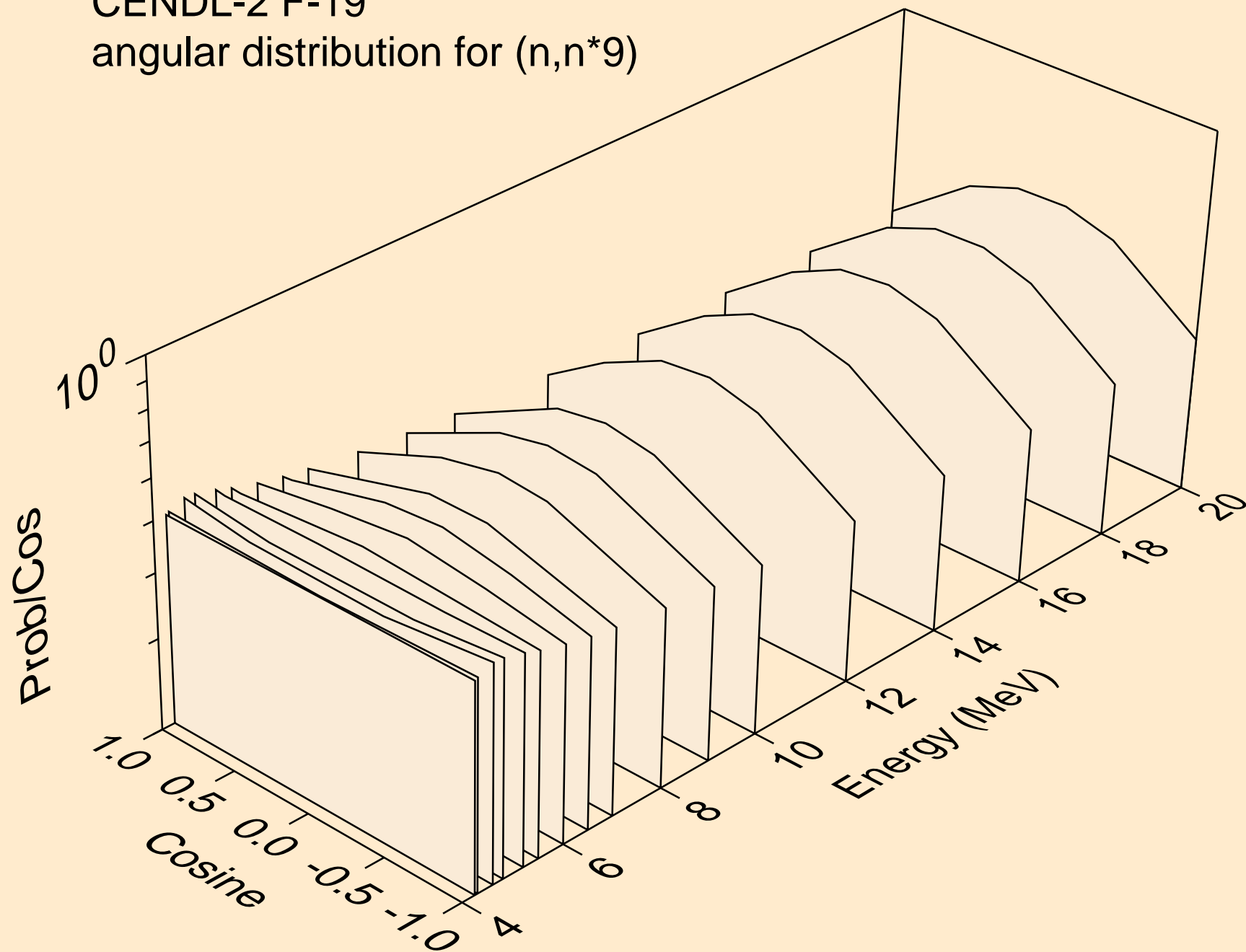




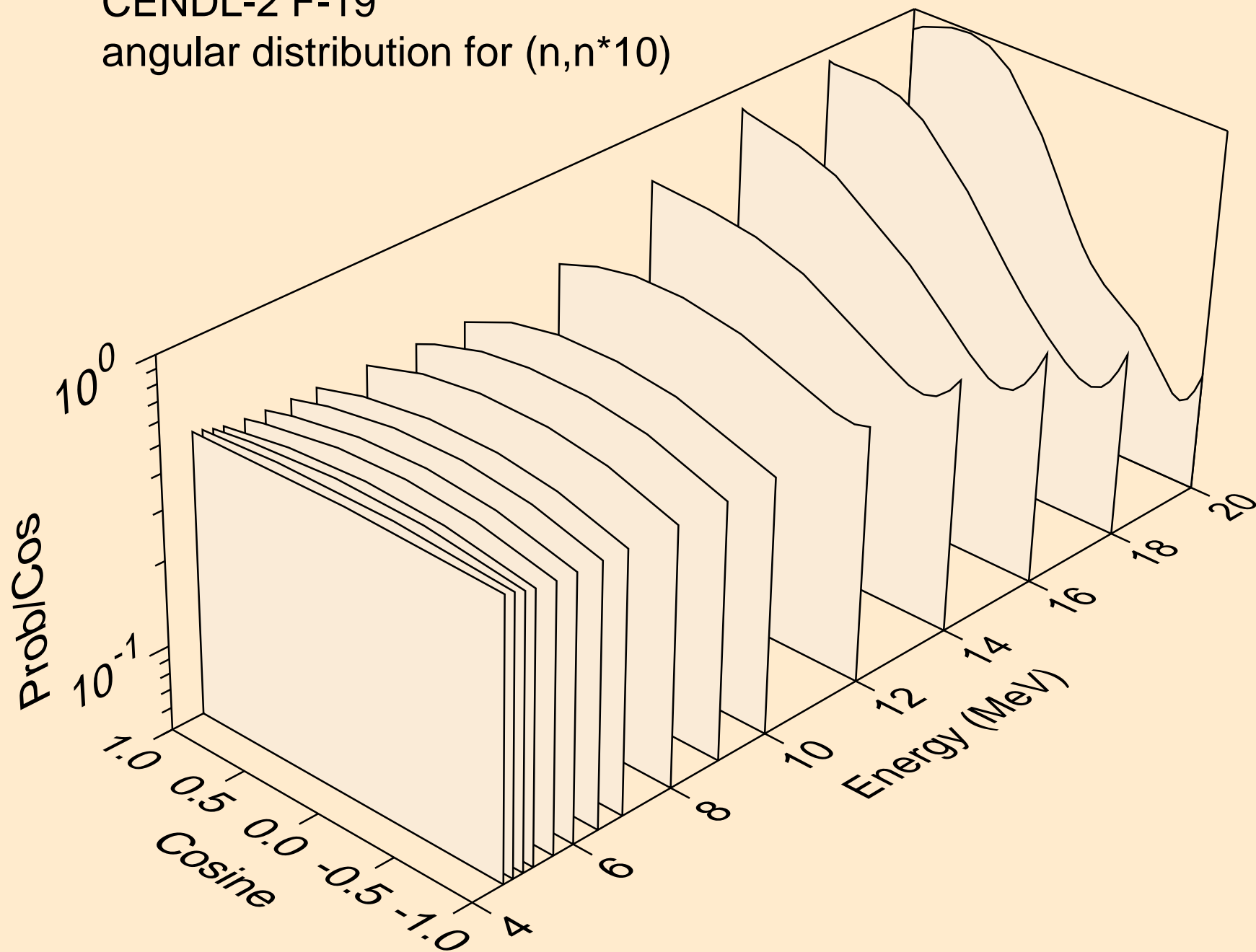
CENDL-2 F-19  
angular distribution for (n,n\*8)



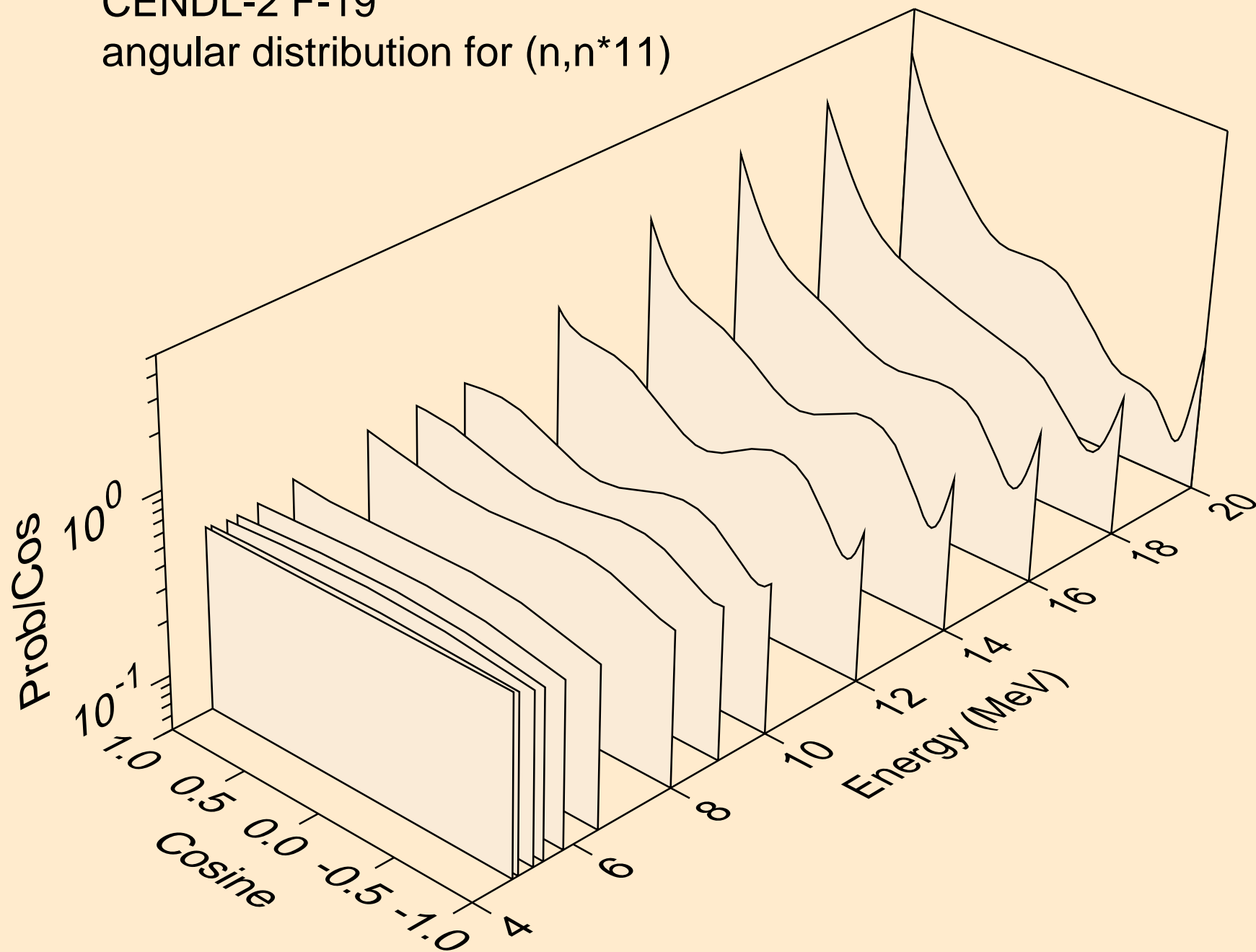
CENDL-2 F-19  
angular distribution for (n,n\*9)



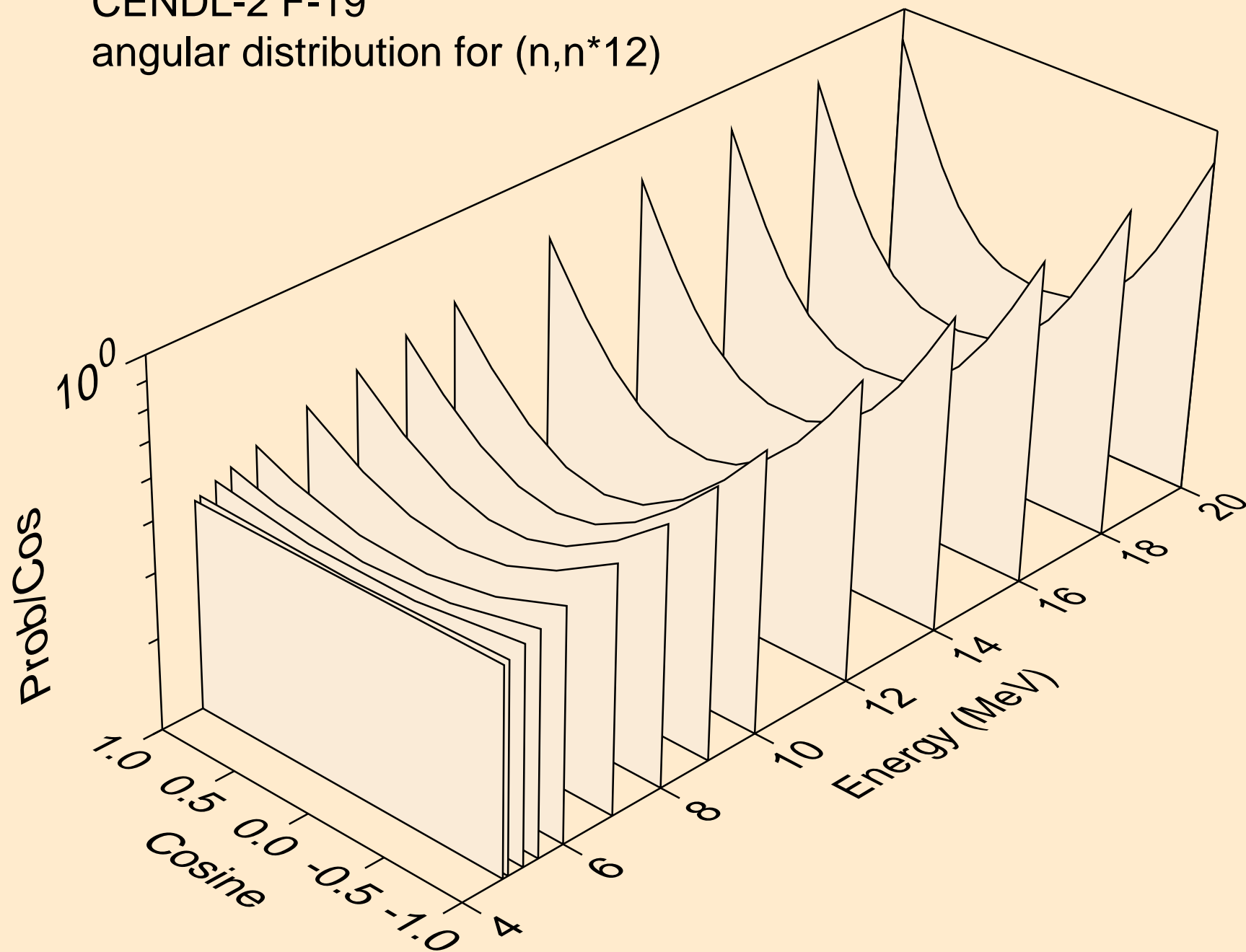
CENDL-2 F-19  
angular distribution for (n,n\*10)



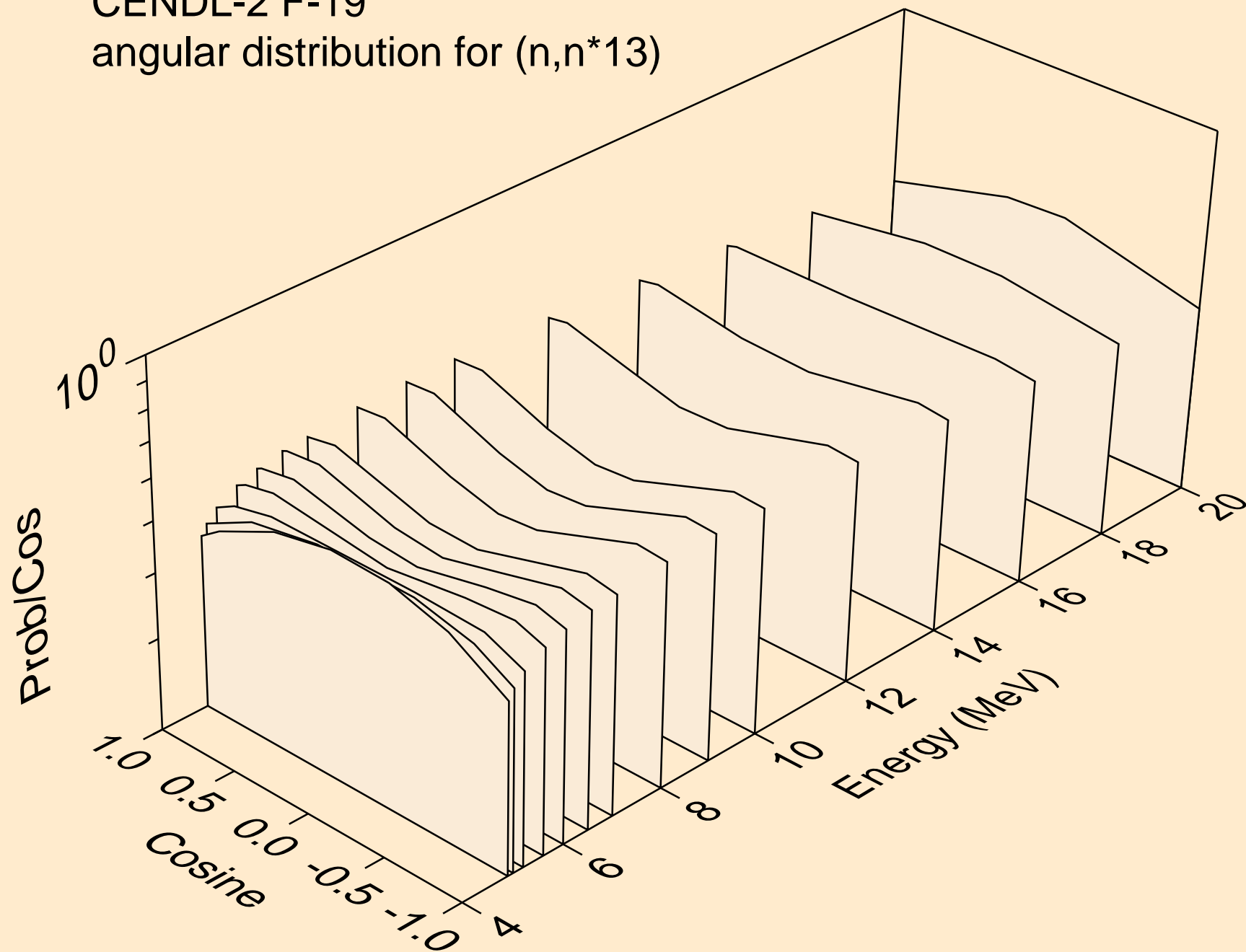
CENDL-2 F-19  
angular distribution for (n,n\*11)



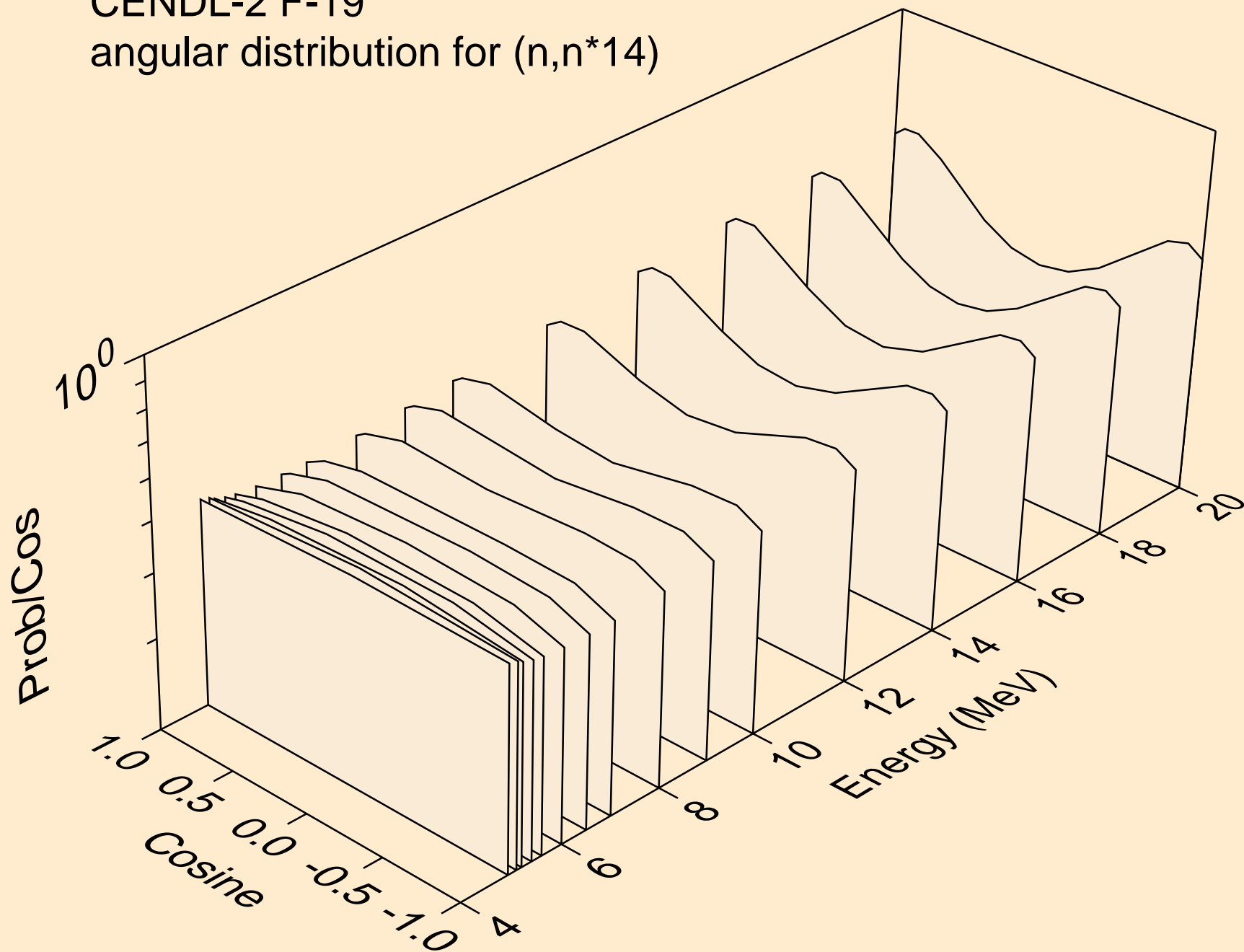
CENDL-2 F-19  
angular distribution for (n,n\*12)



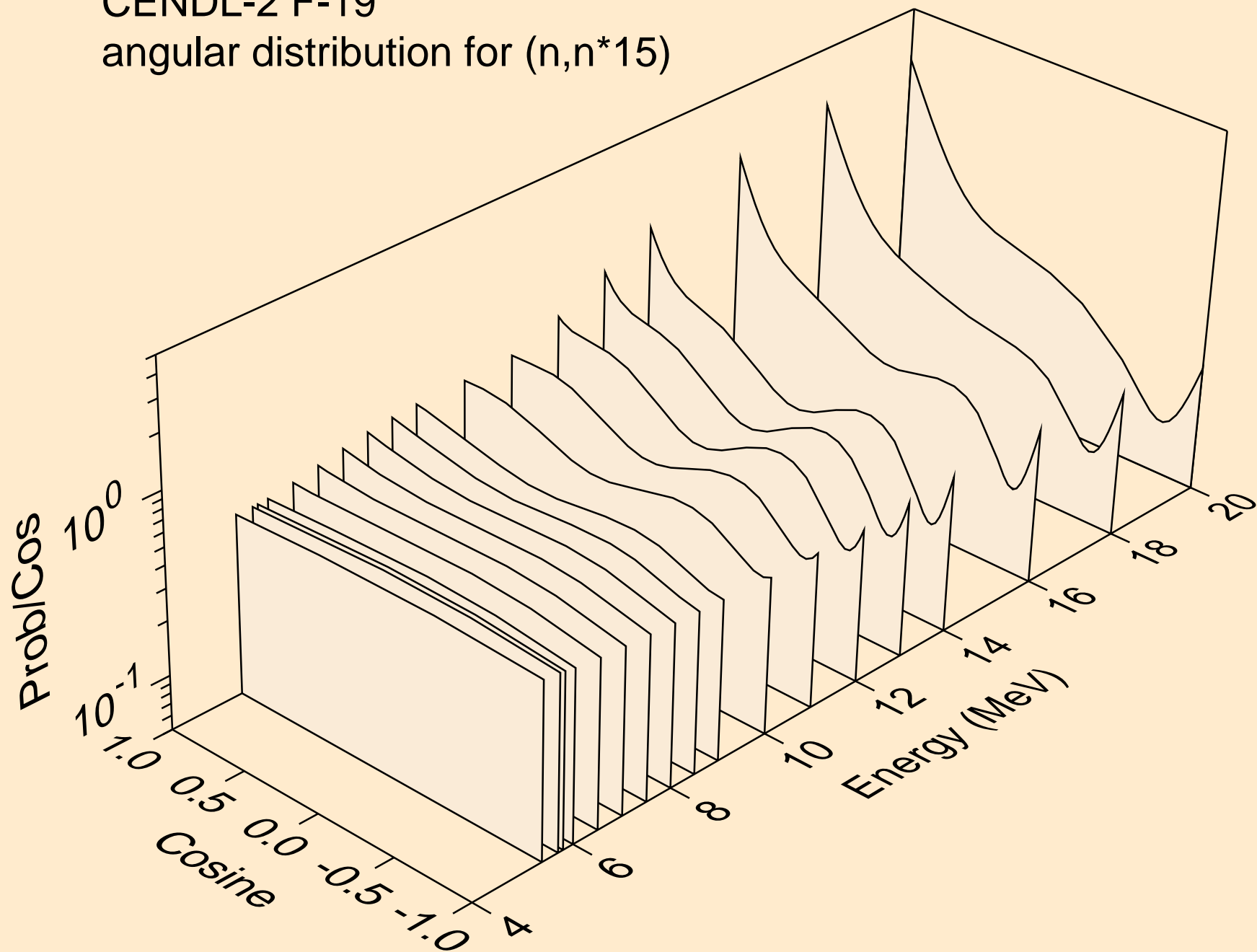
CENDL-2 F-19  
angular distribution for (n,n\*13)



CENDL-2 F-19  
angular distribution for (n,n\*14)

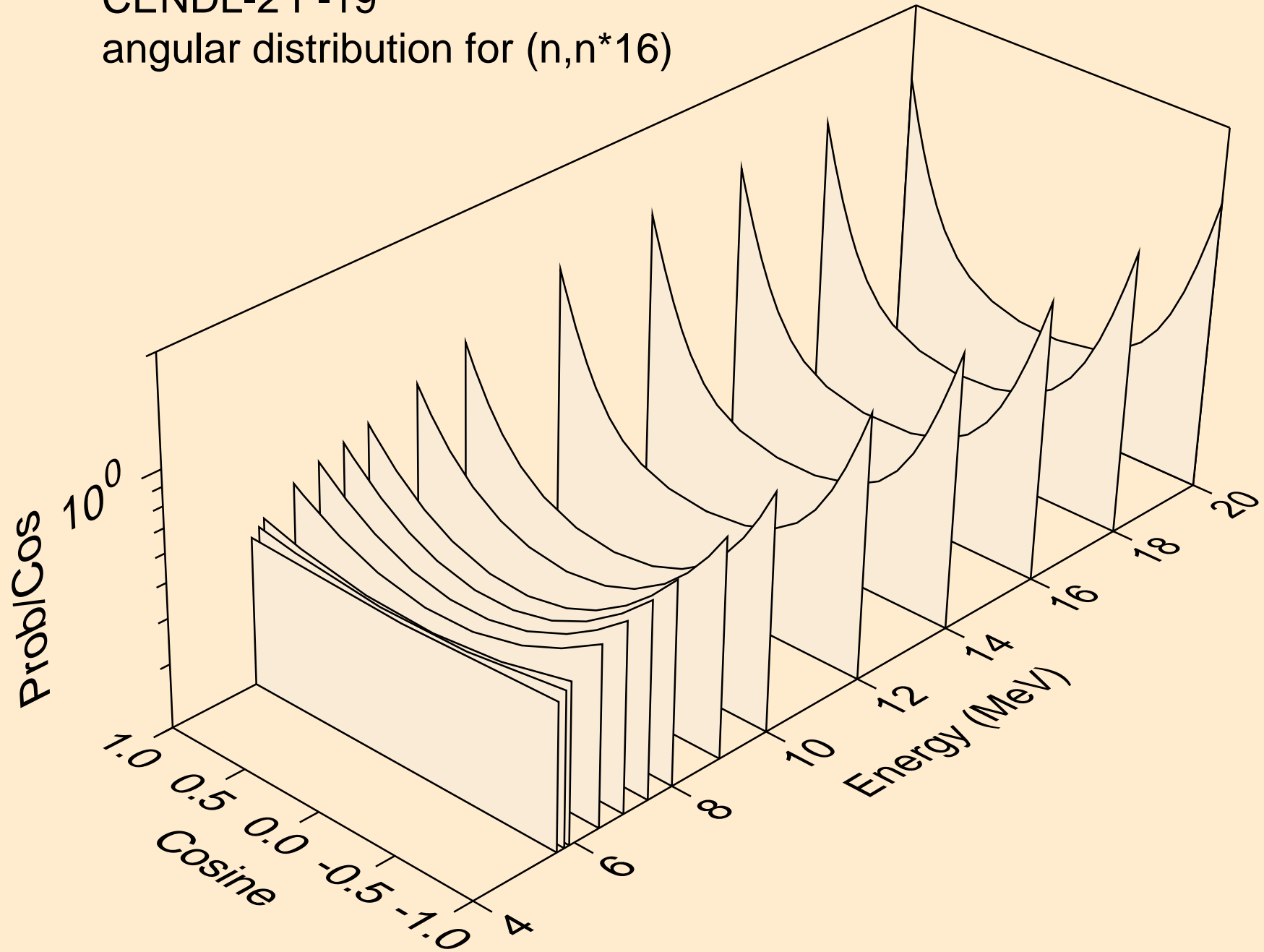


CENDL-2 F-19  
angular distribution for (n,n\*15)

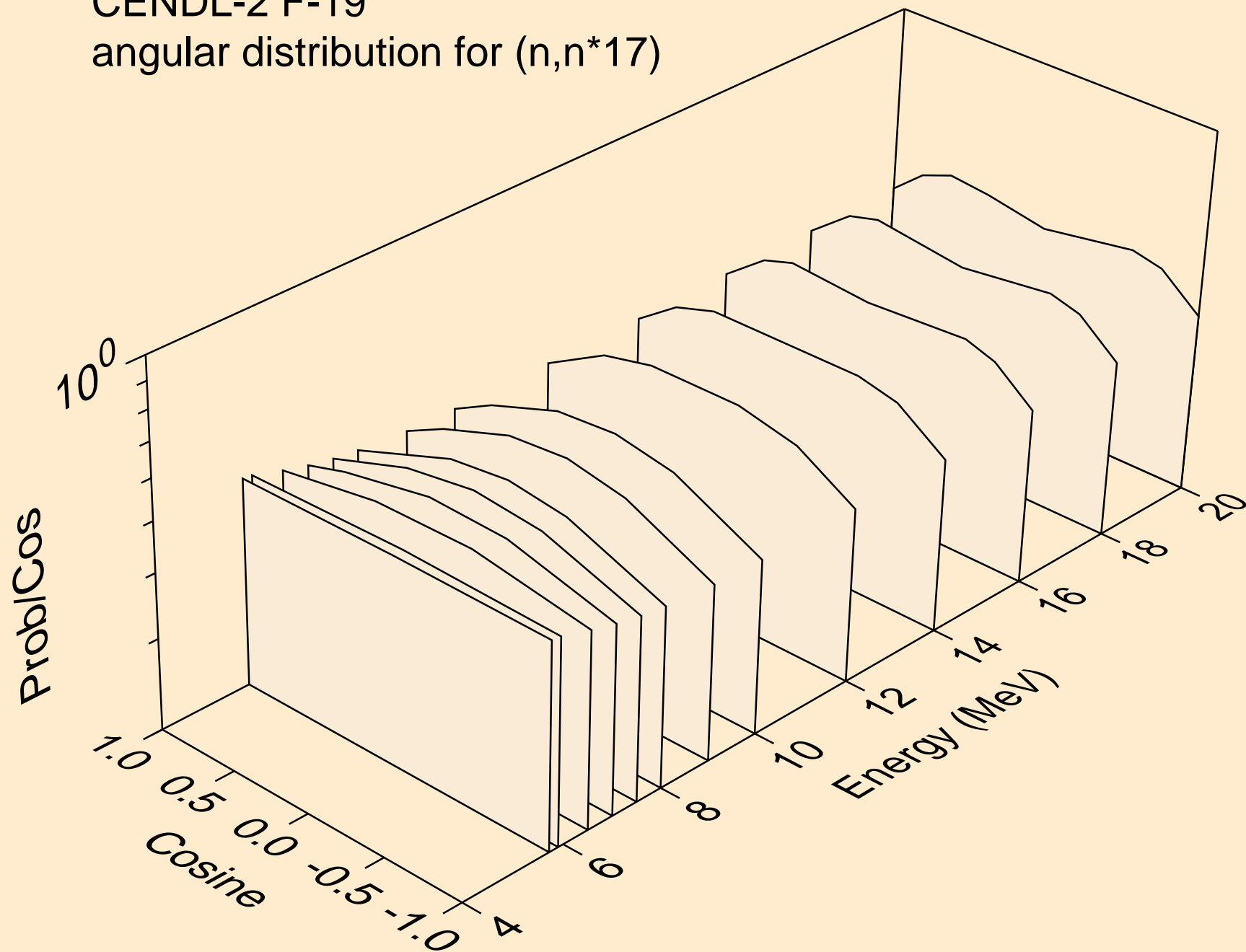




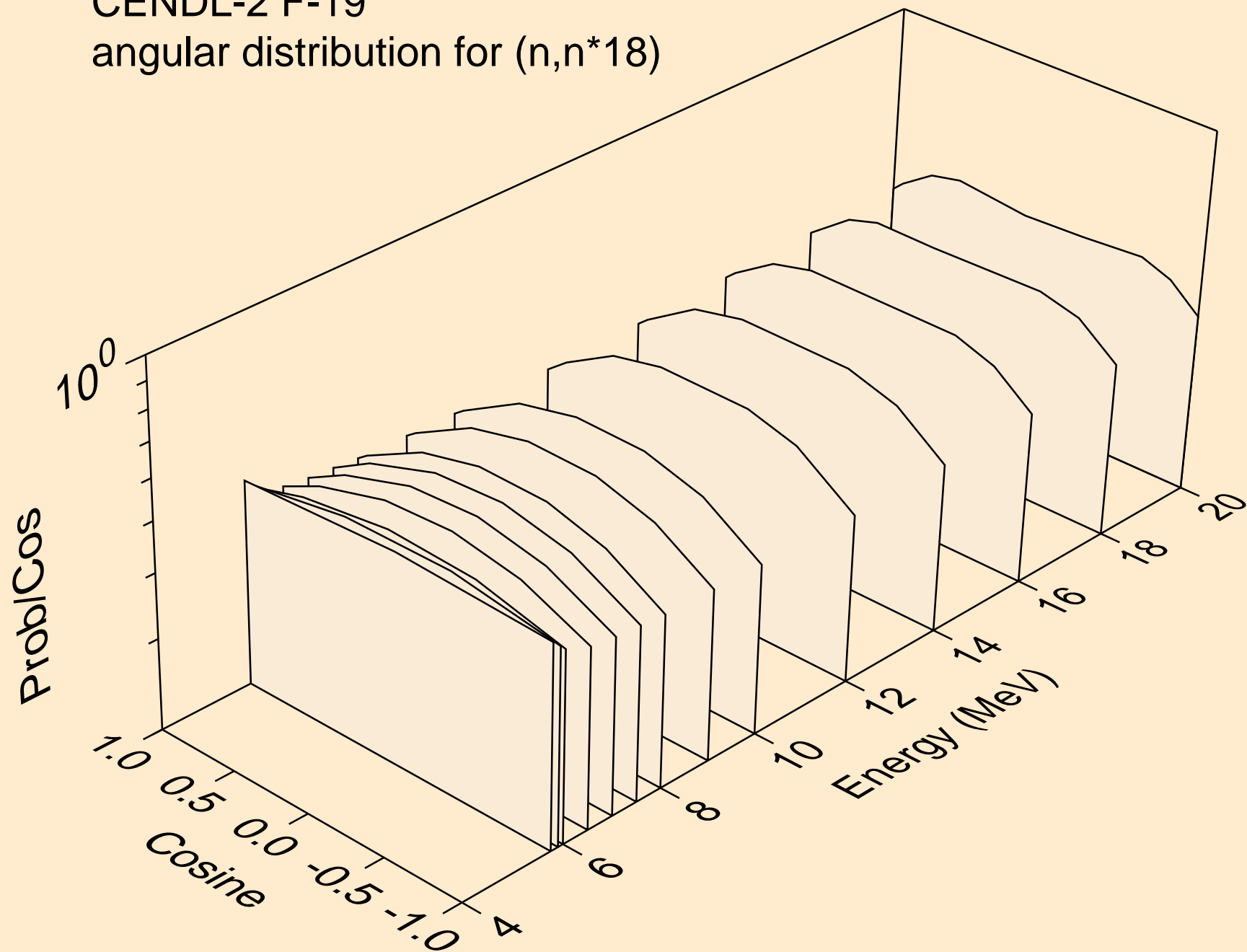
CENDL-2 F-19  
angular distribution for (n,n\*16)



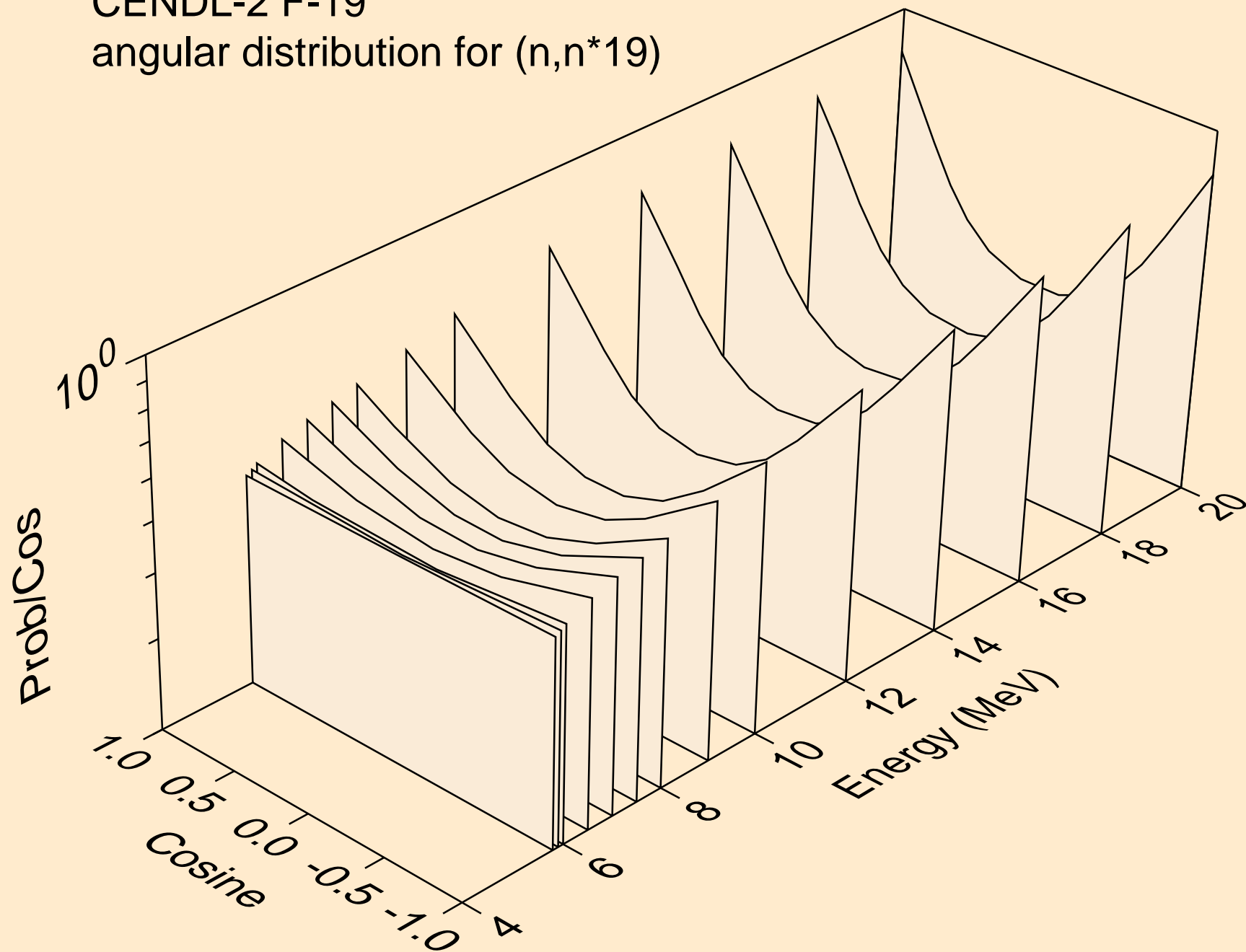
CENDL-2 F-19  
angular distribution for (n,n\*17)



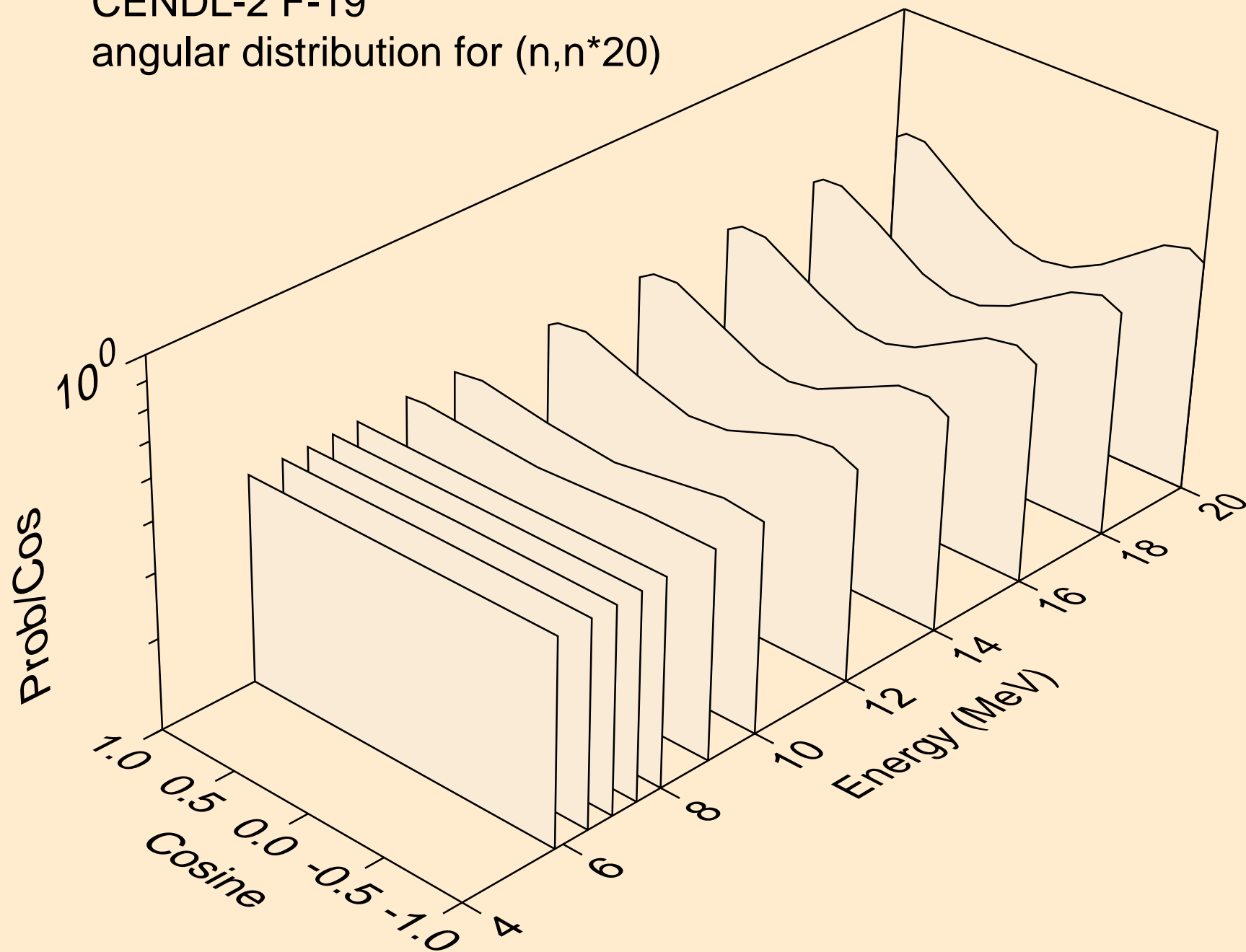
CENDL-2 F-19  
angular distribution for (n,n\*18)



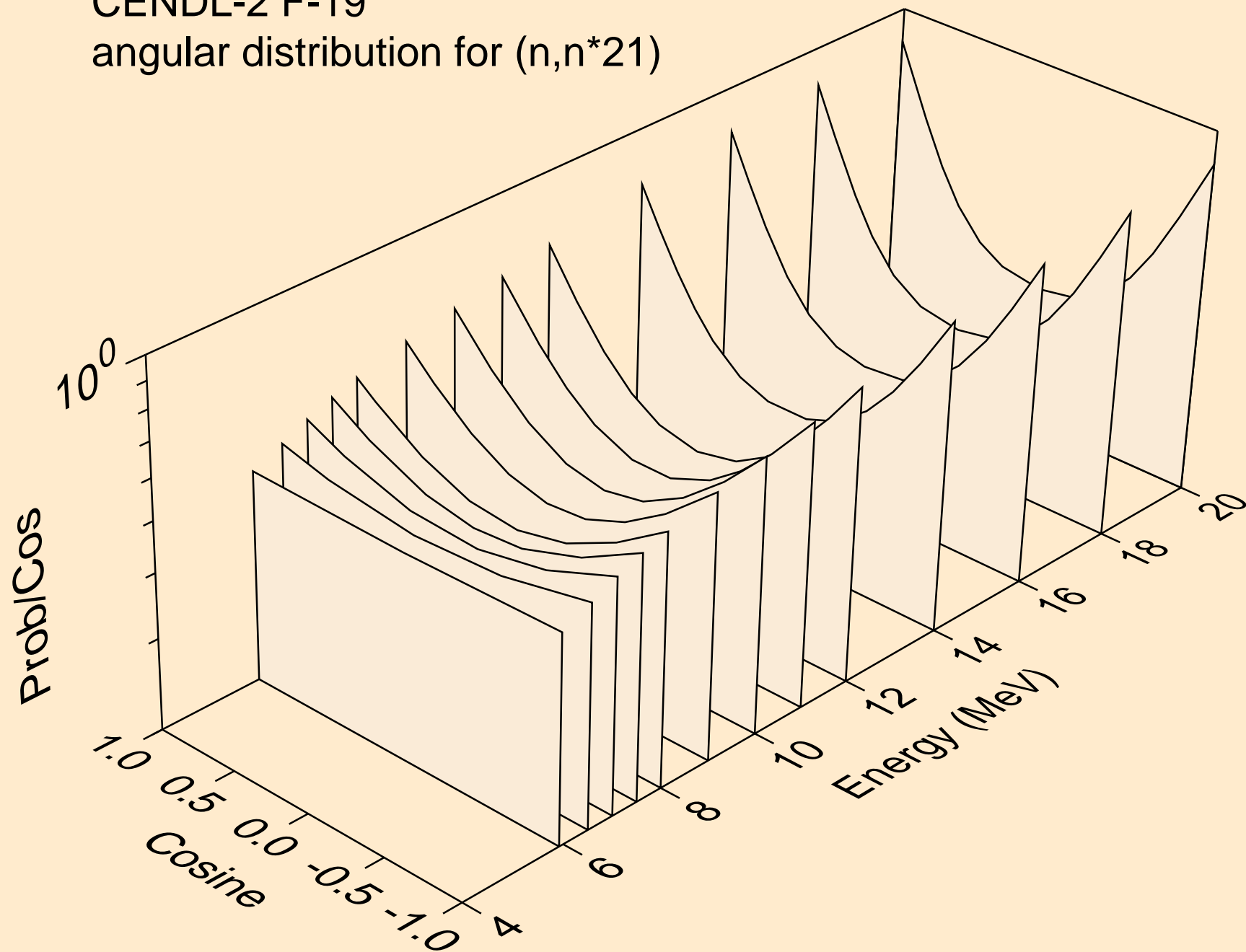
CENDL-2 F-19  
angular distribution for (n,n\*19)



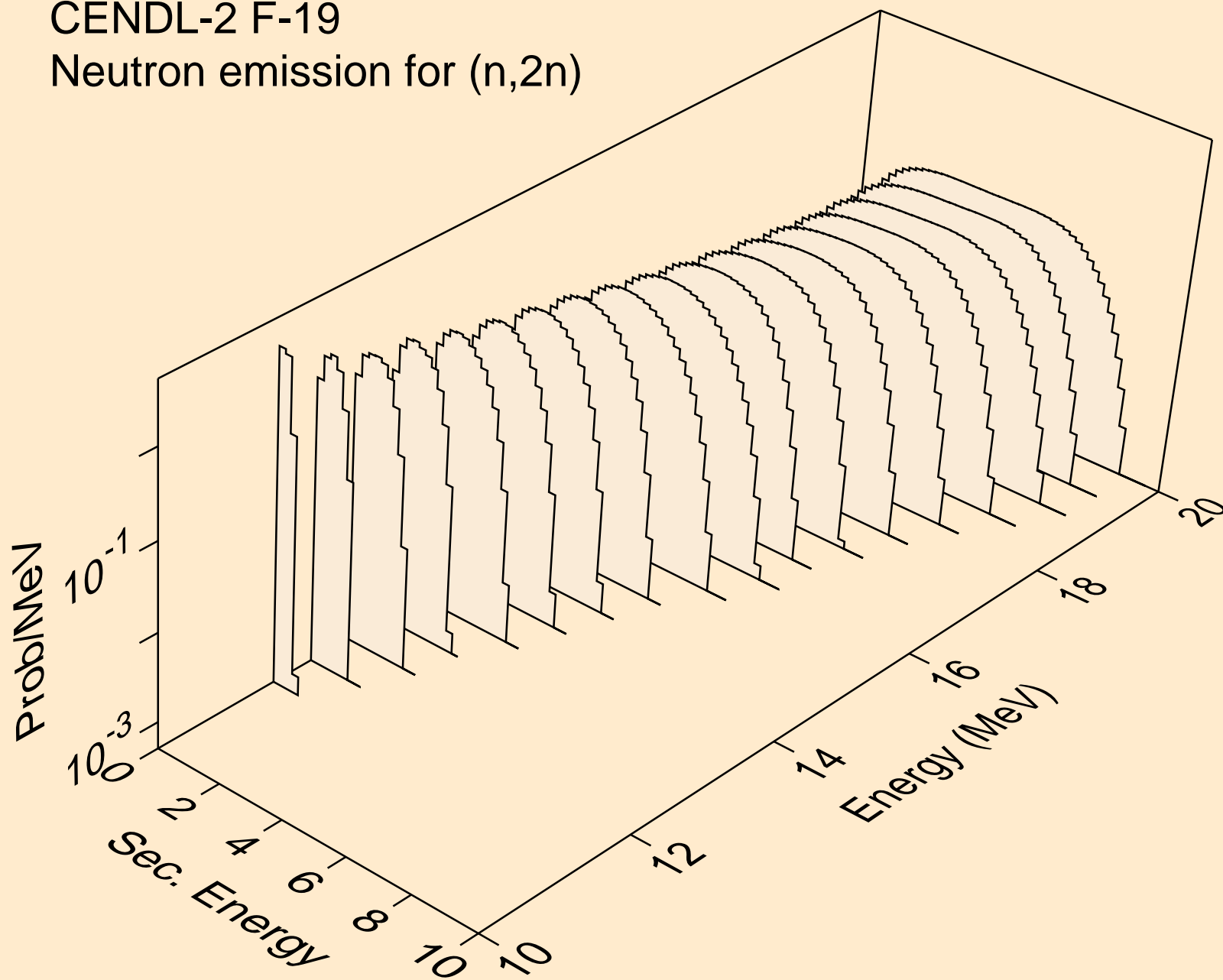
CENDL-2 F-19  
angular distribution for (n,n\*20)



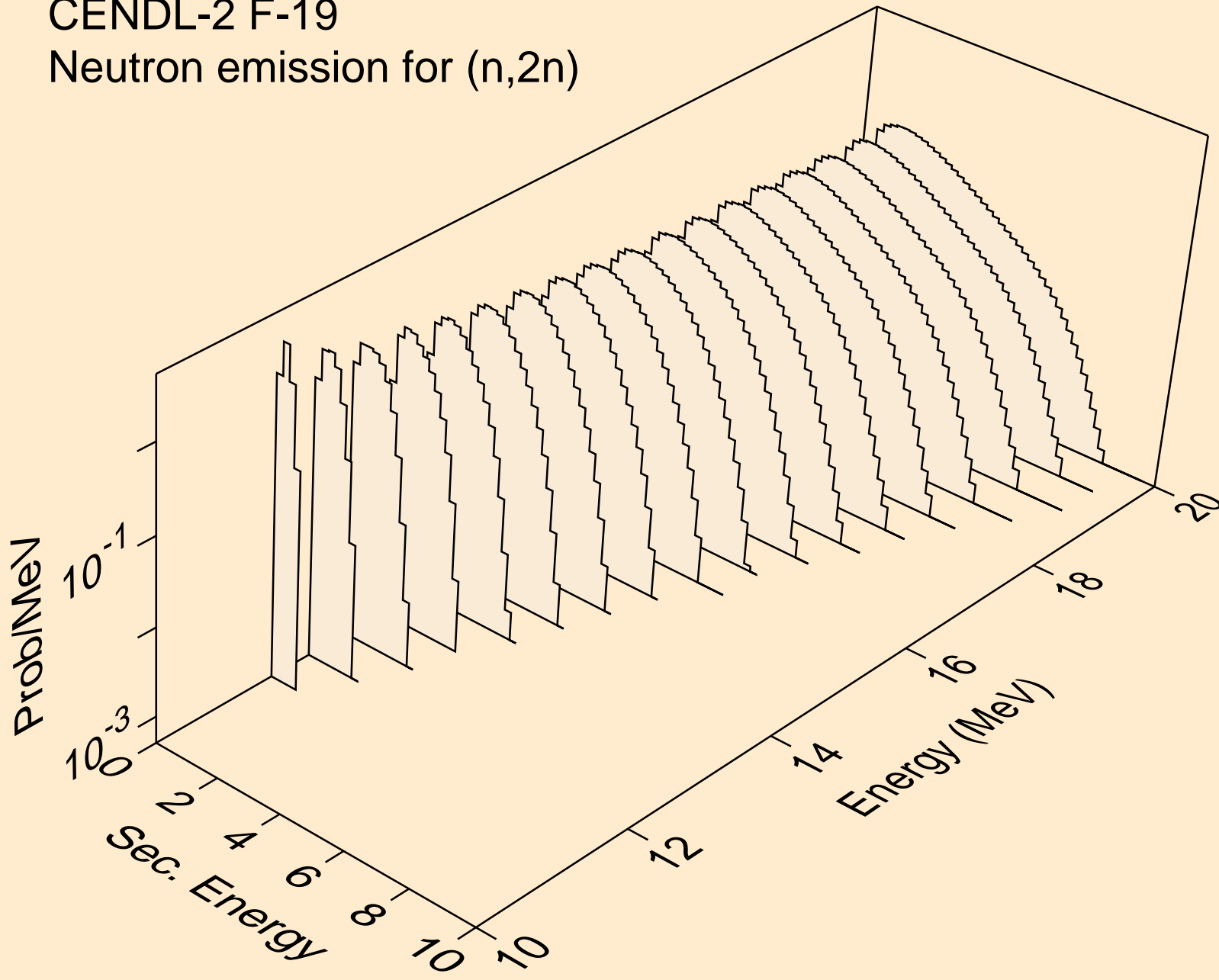
CENDL-2 F-19  
angular distribution for (n,n\*21)



CENDL-2 F-19  
Neutron emission for (n,2n)

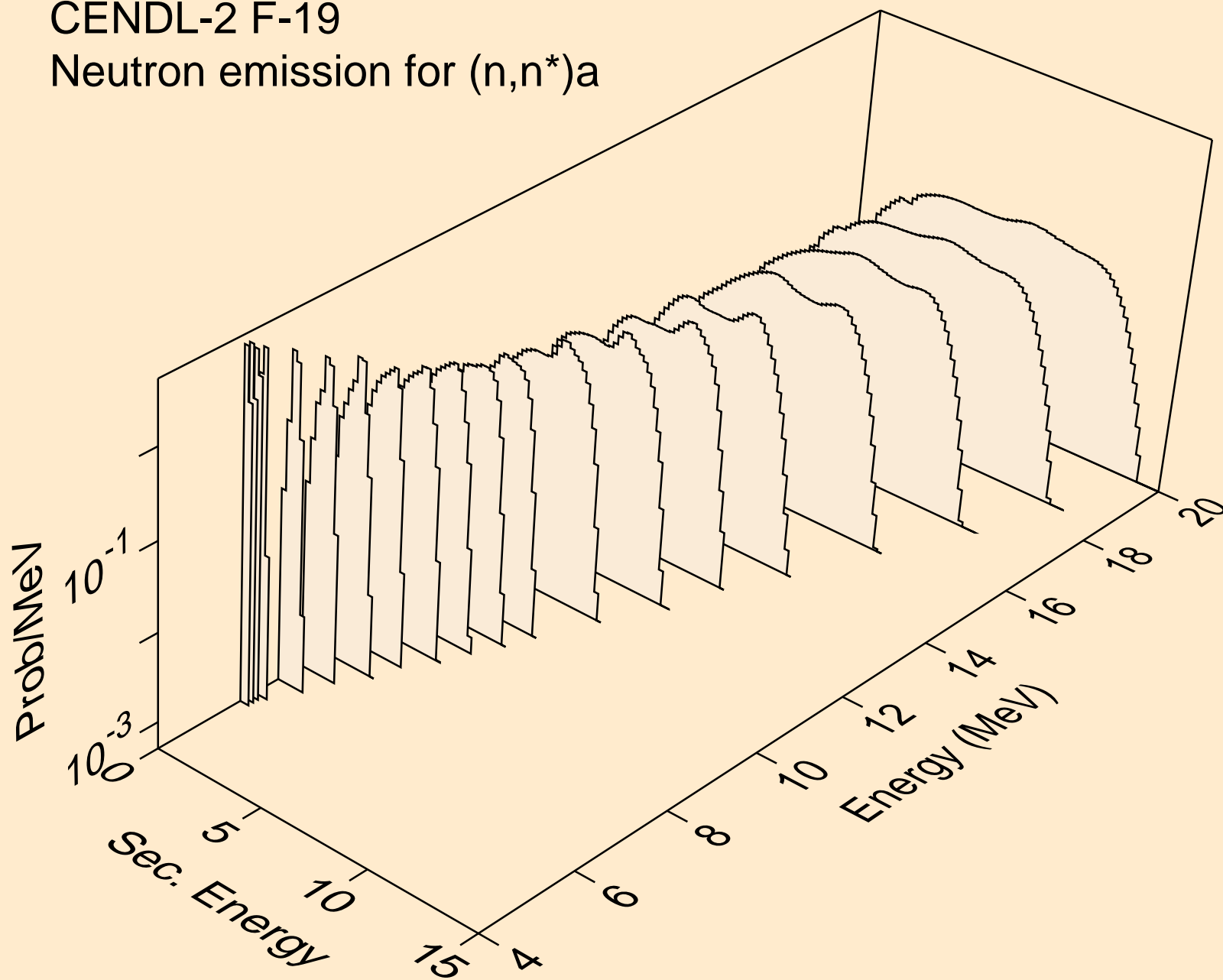


CENDL-2 F-19  
Neutron emission for (n,2n)



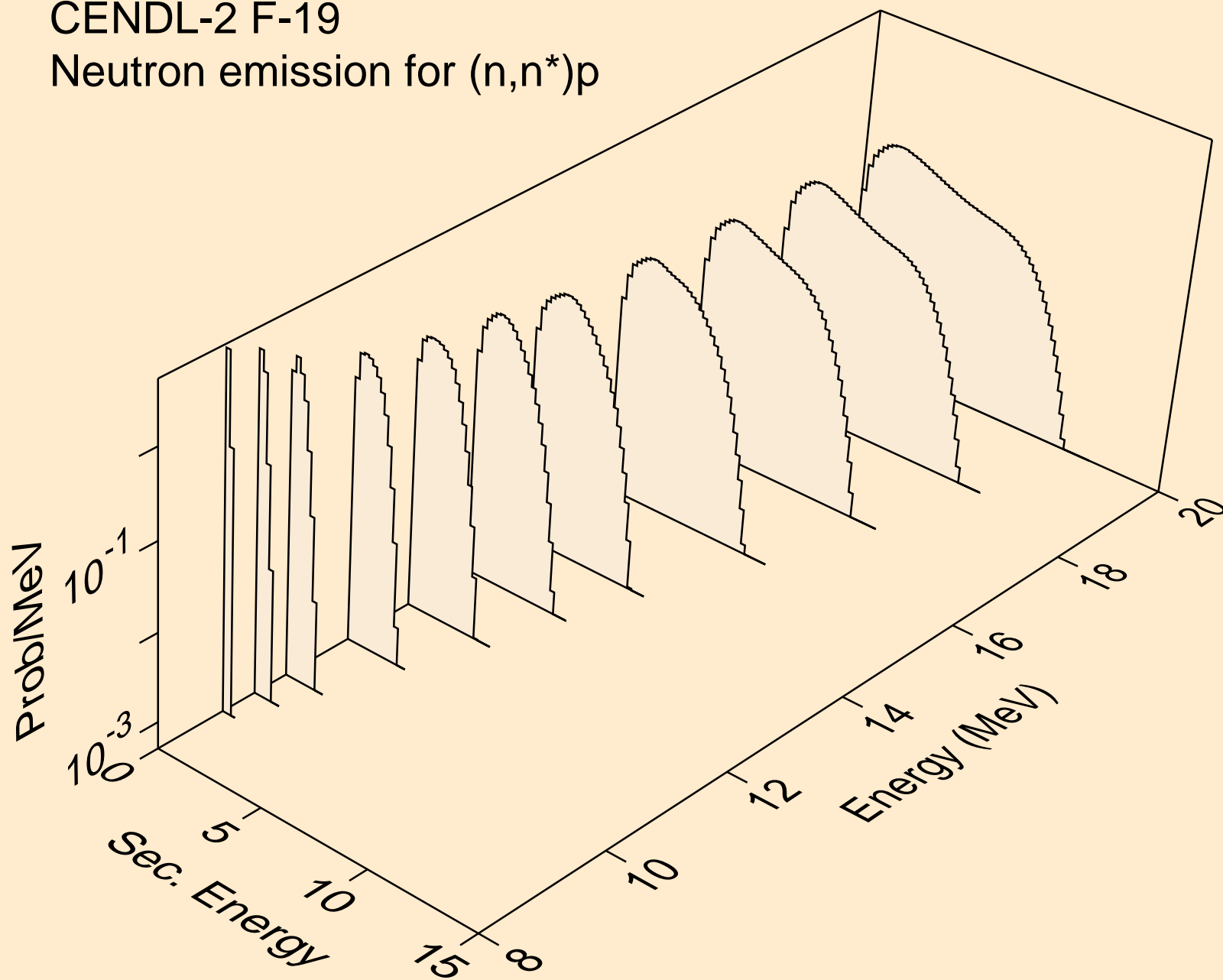


CENDL-2 F-19  
Neutron emission for (n,n\*)a

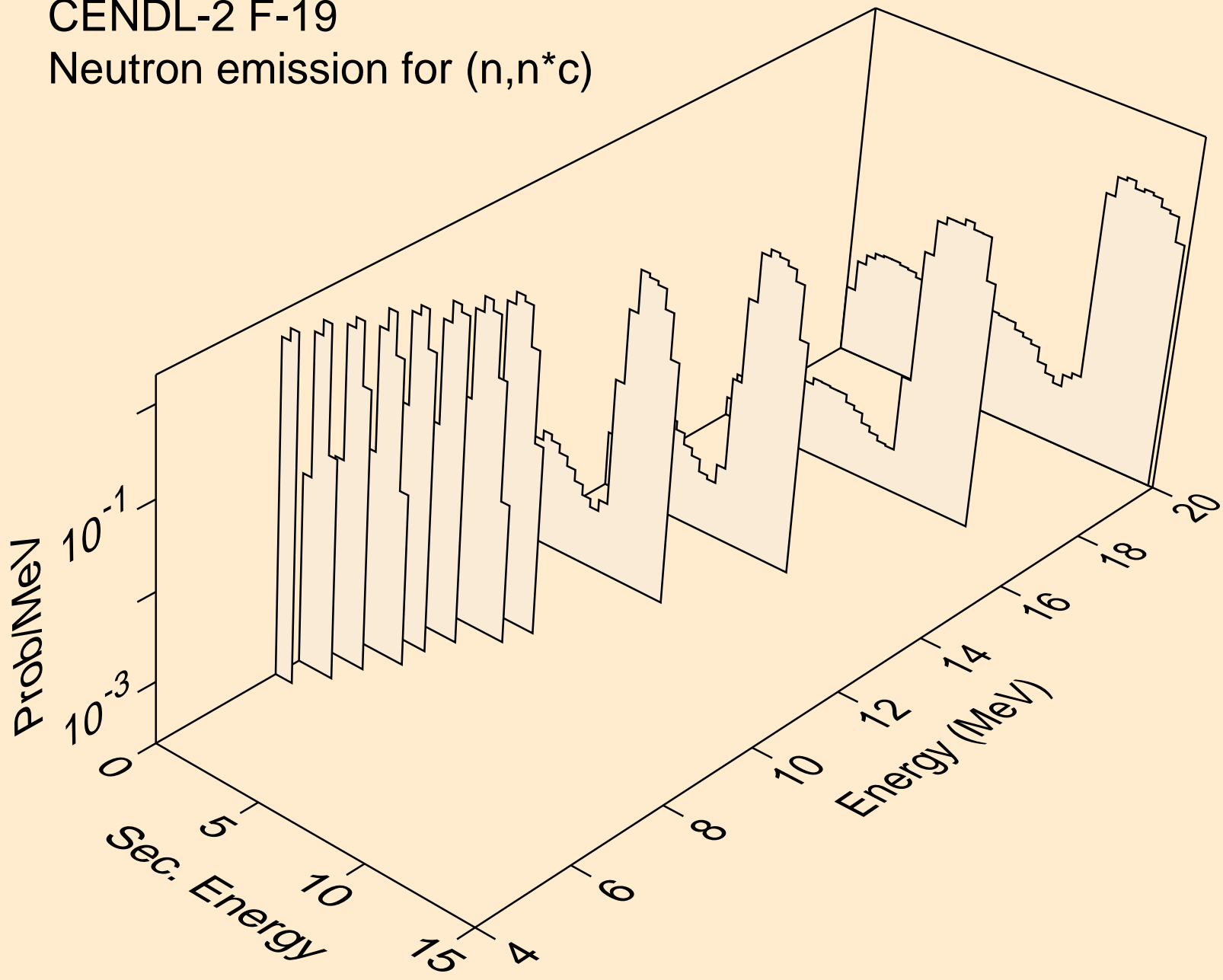


CENDL-2 F-19

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

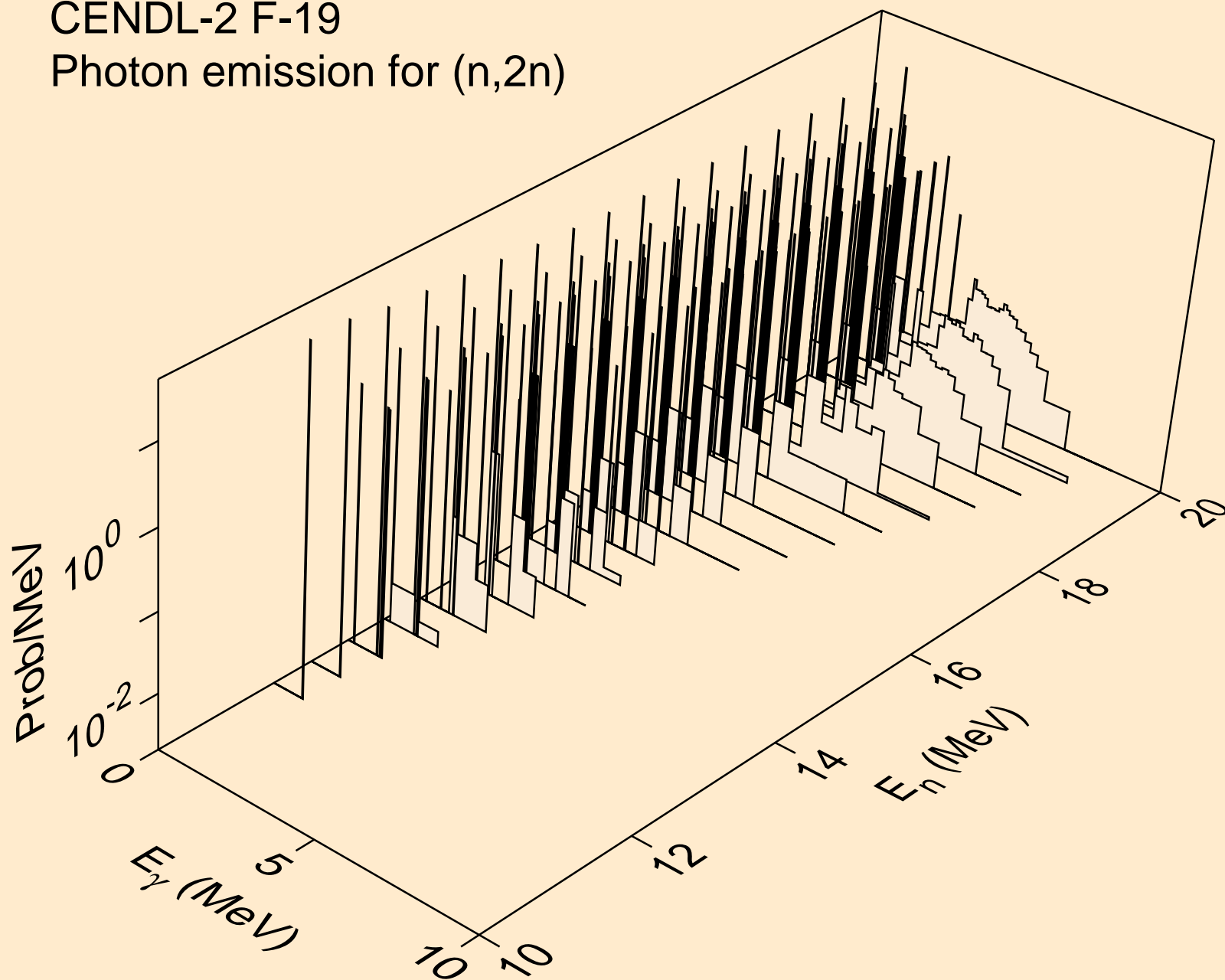


CENDL-2 F-19  
Neutron emission for (n,n\*c)



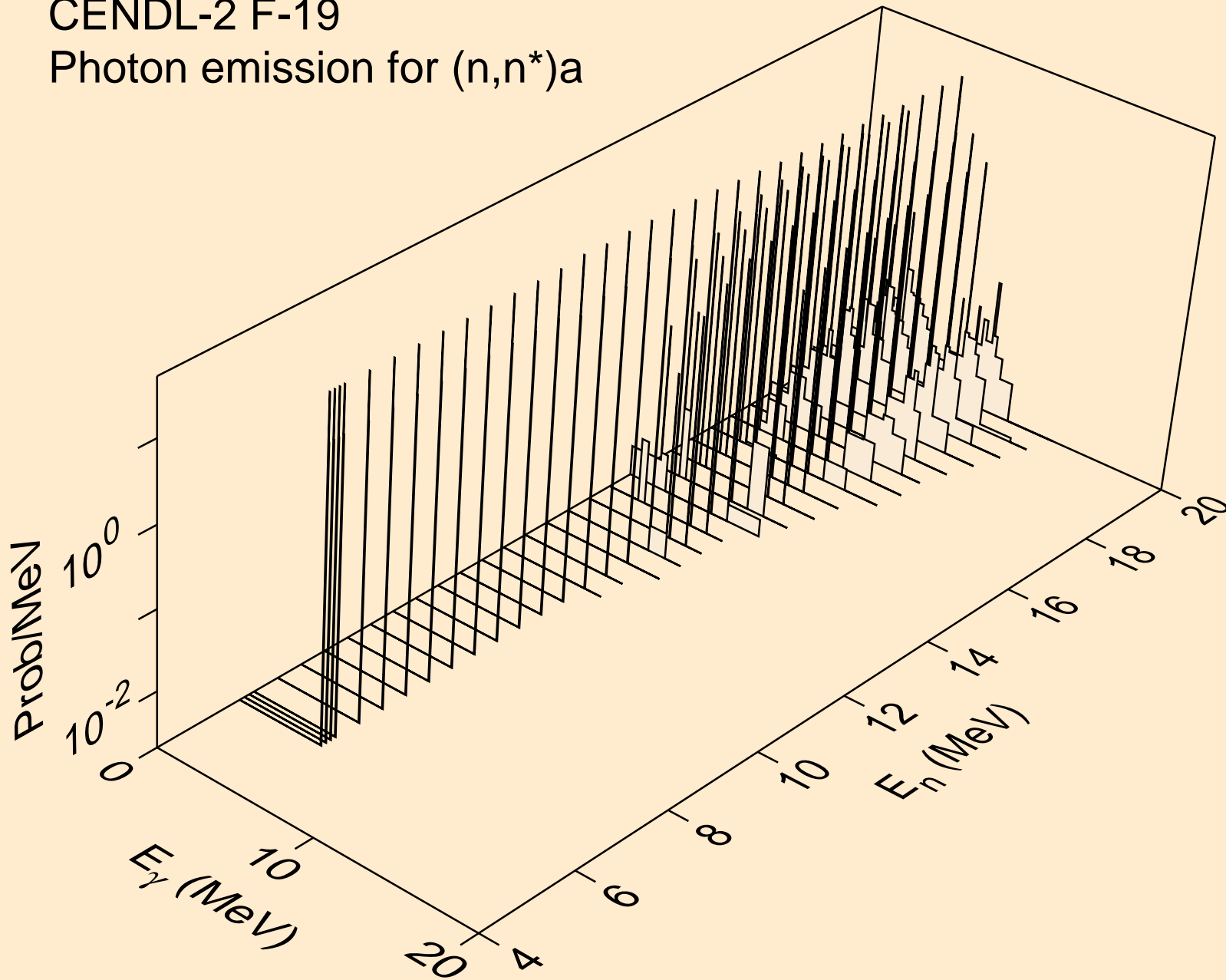
CENDL-2 F-19

Photon emission for (n,2n)



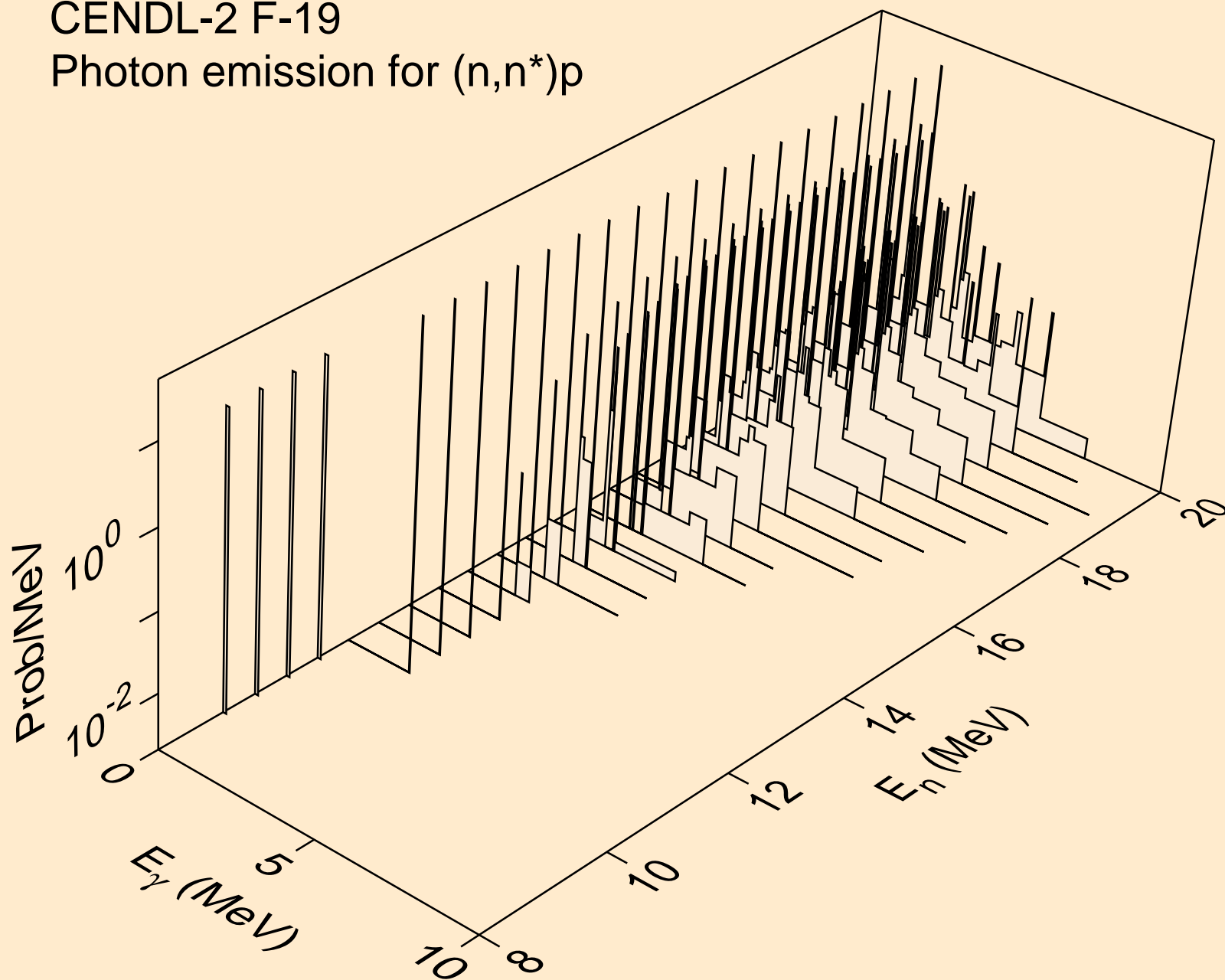
CENDL-2 F-19

Photon emission for (n,n\*)a

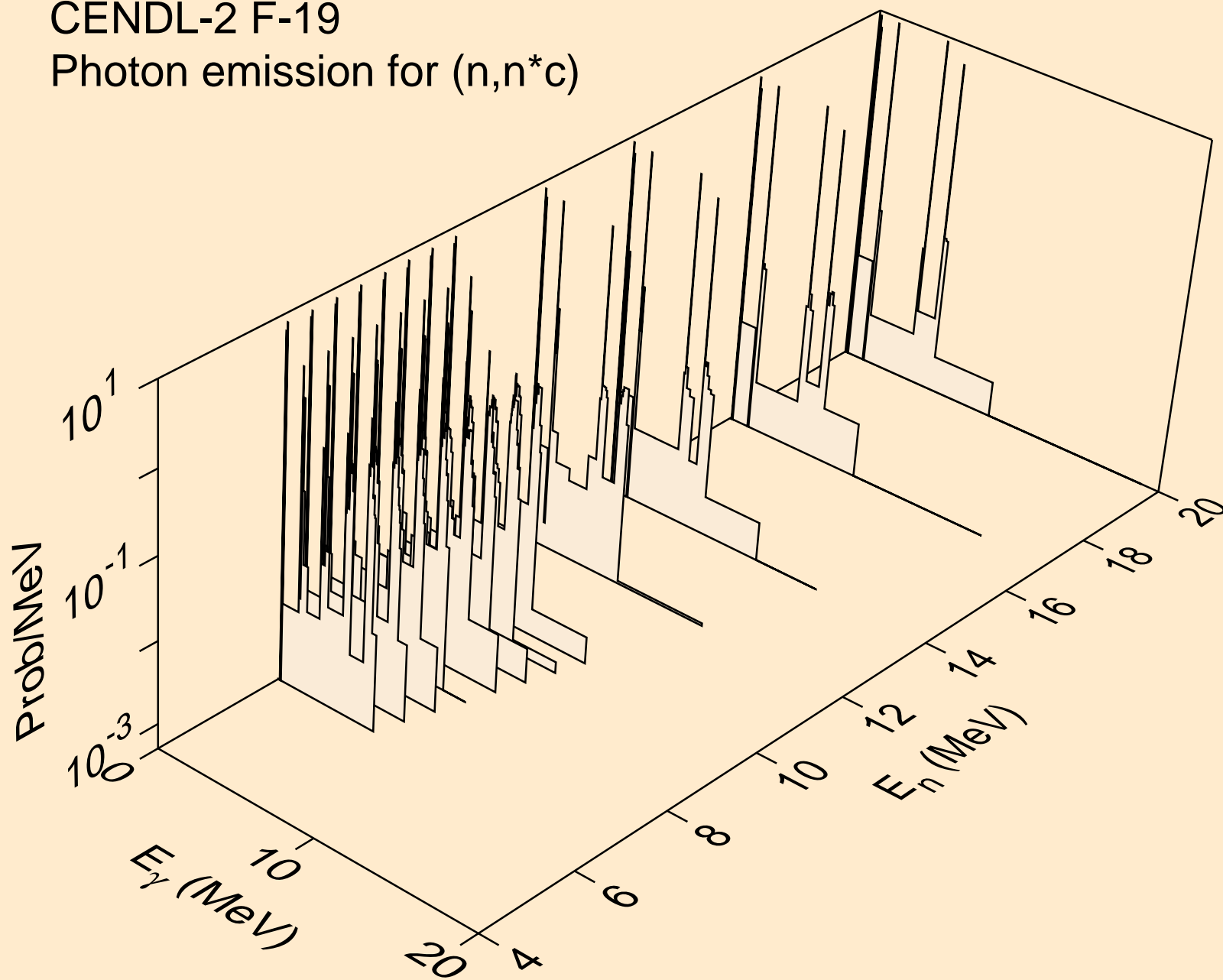


CENDL-2 F-19

Photon emission for (n,n\*)p

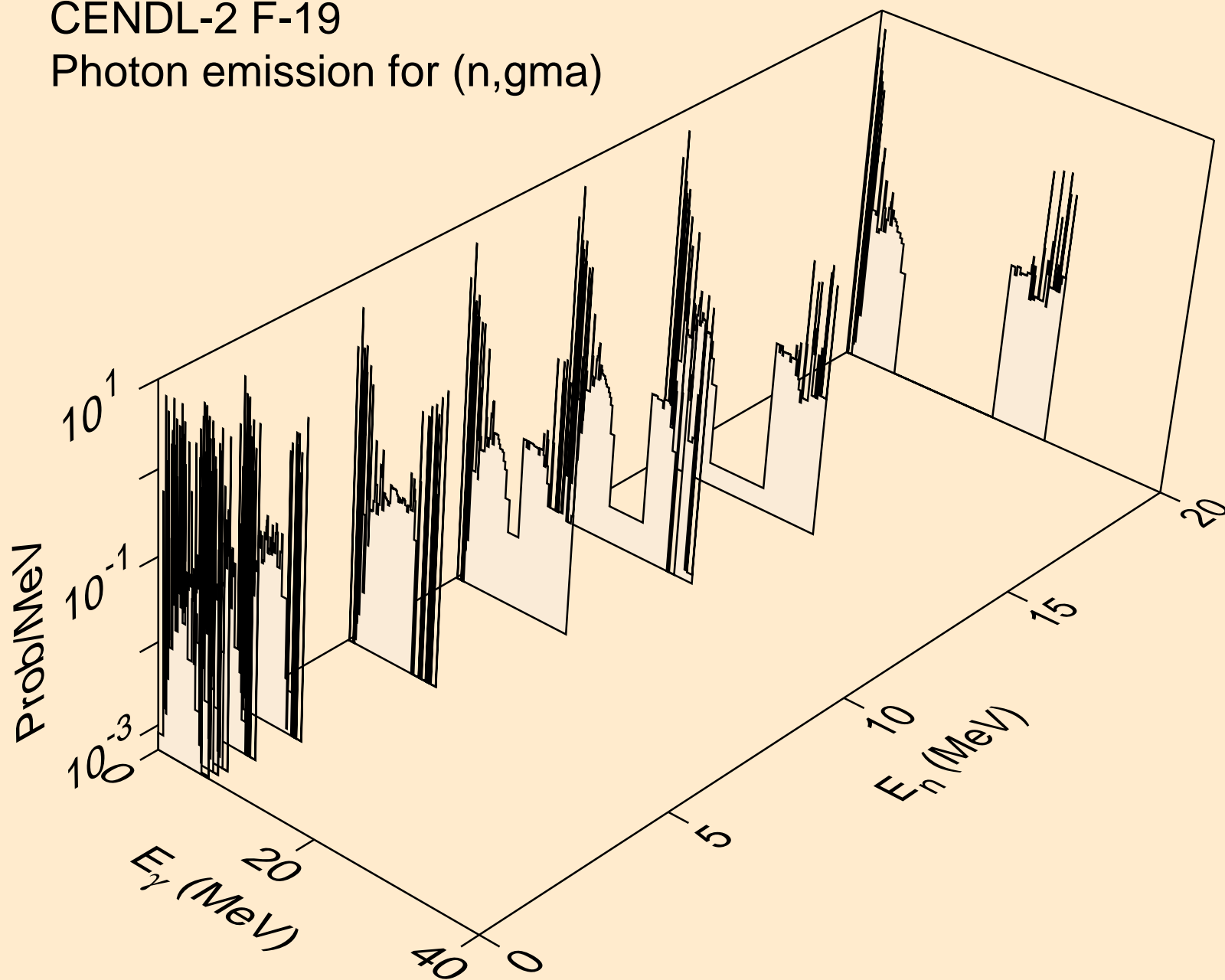


CENDL-2 F-19  
Photon emission for (n,n\*c)



CENDL-2 F-19

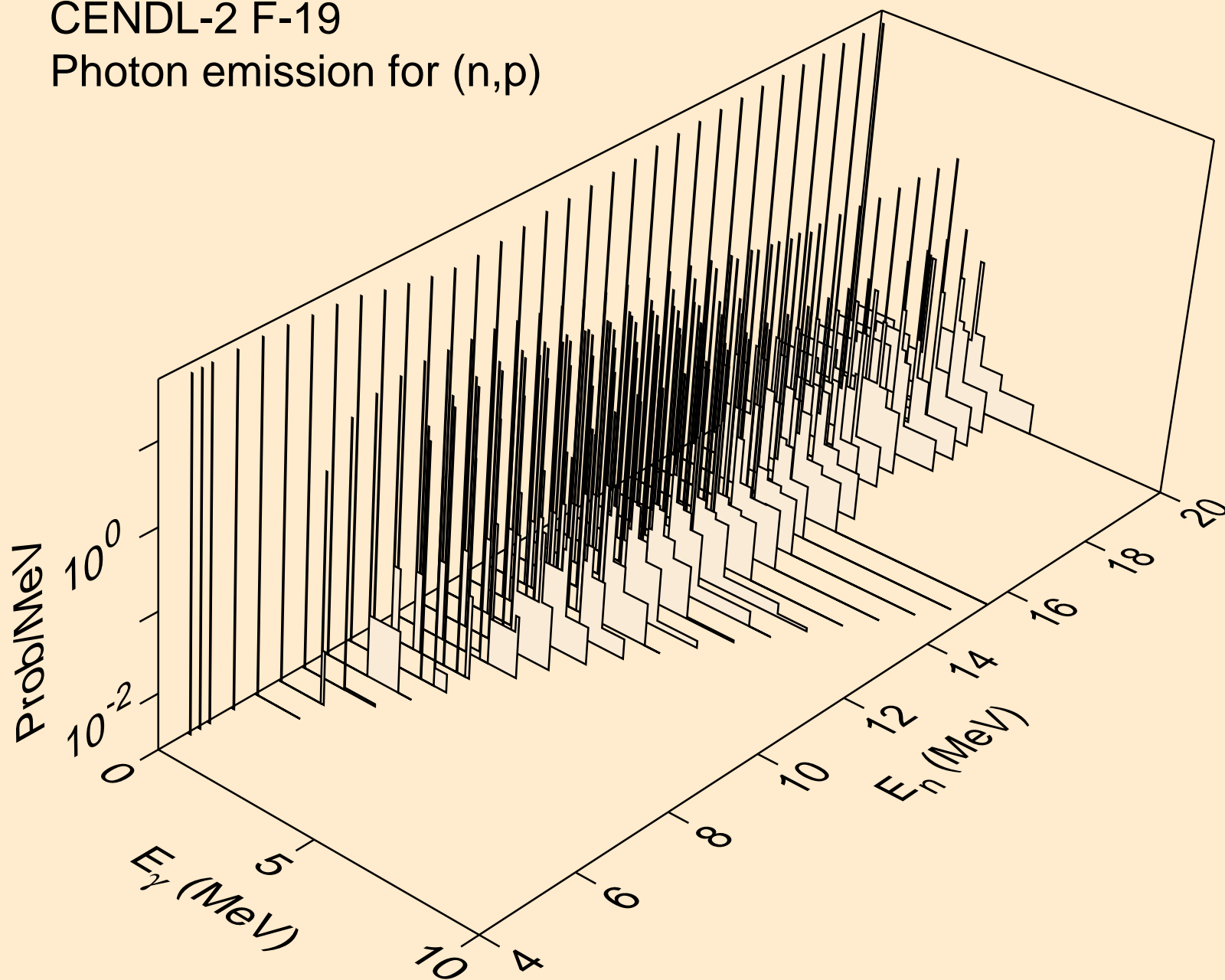
Photon emission for (n,gma)





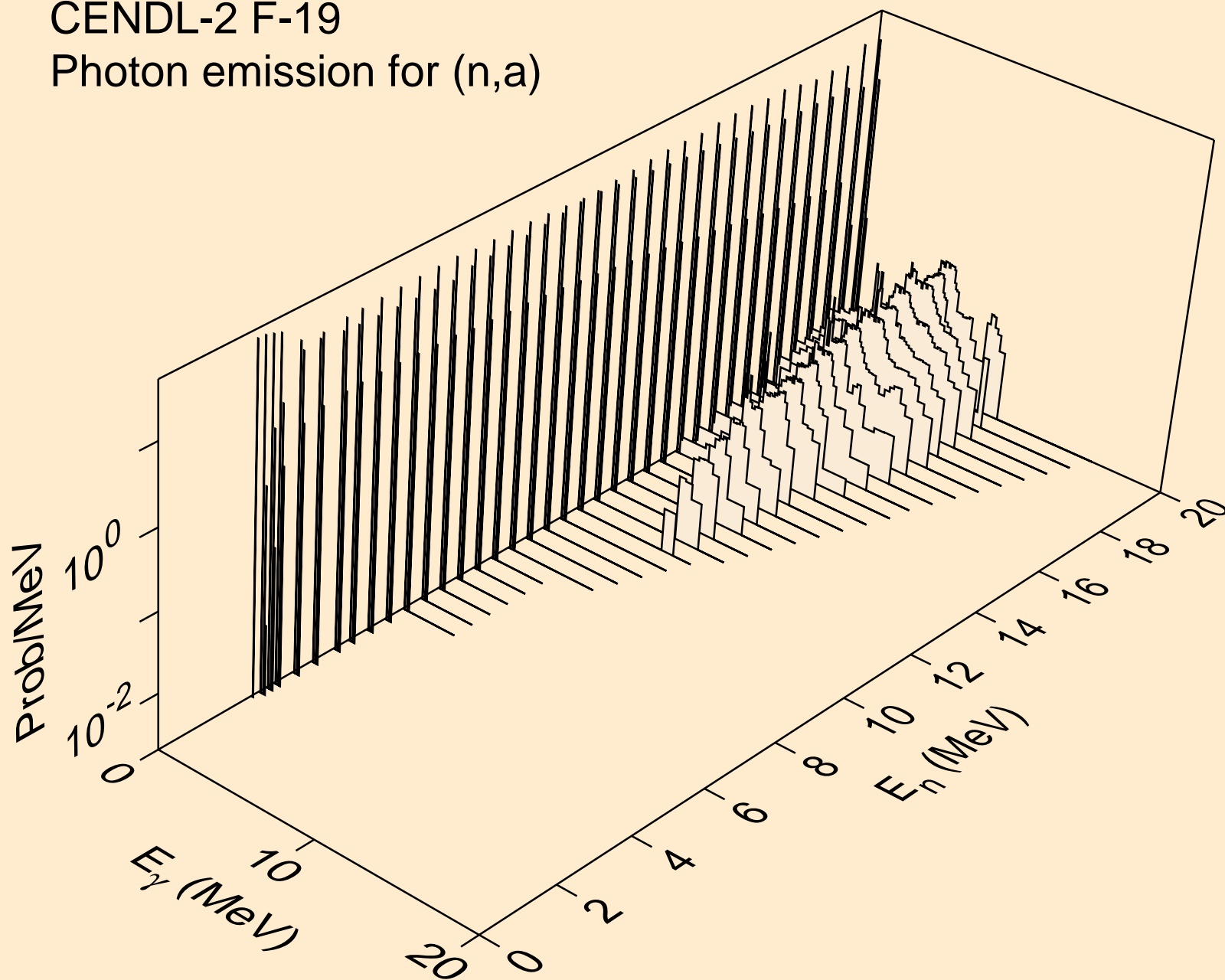
CENDL-2 F-19

Photon emission for (n,p)

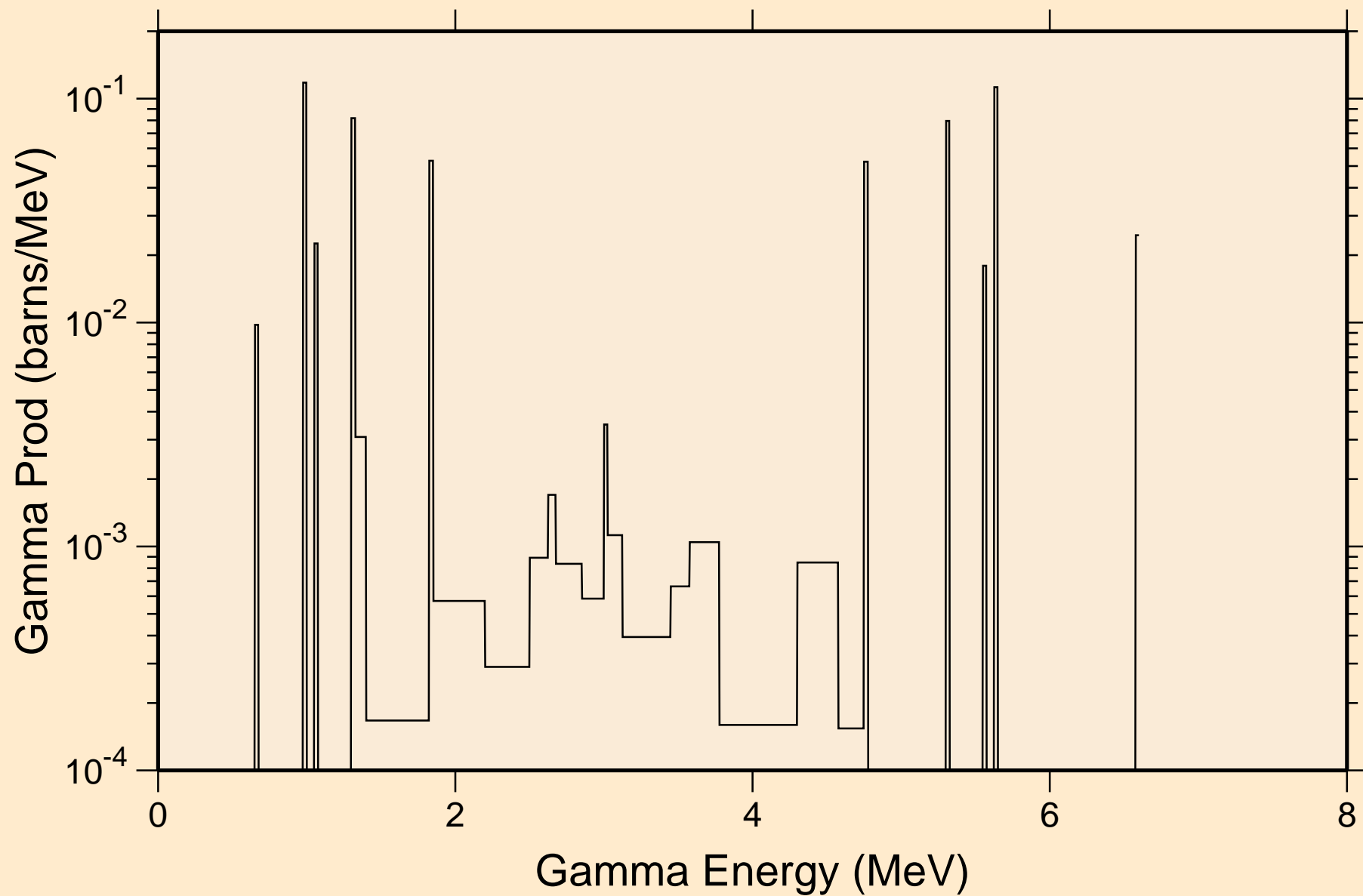


CENDL-2 F-19

Photon emission for (n,a)

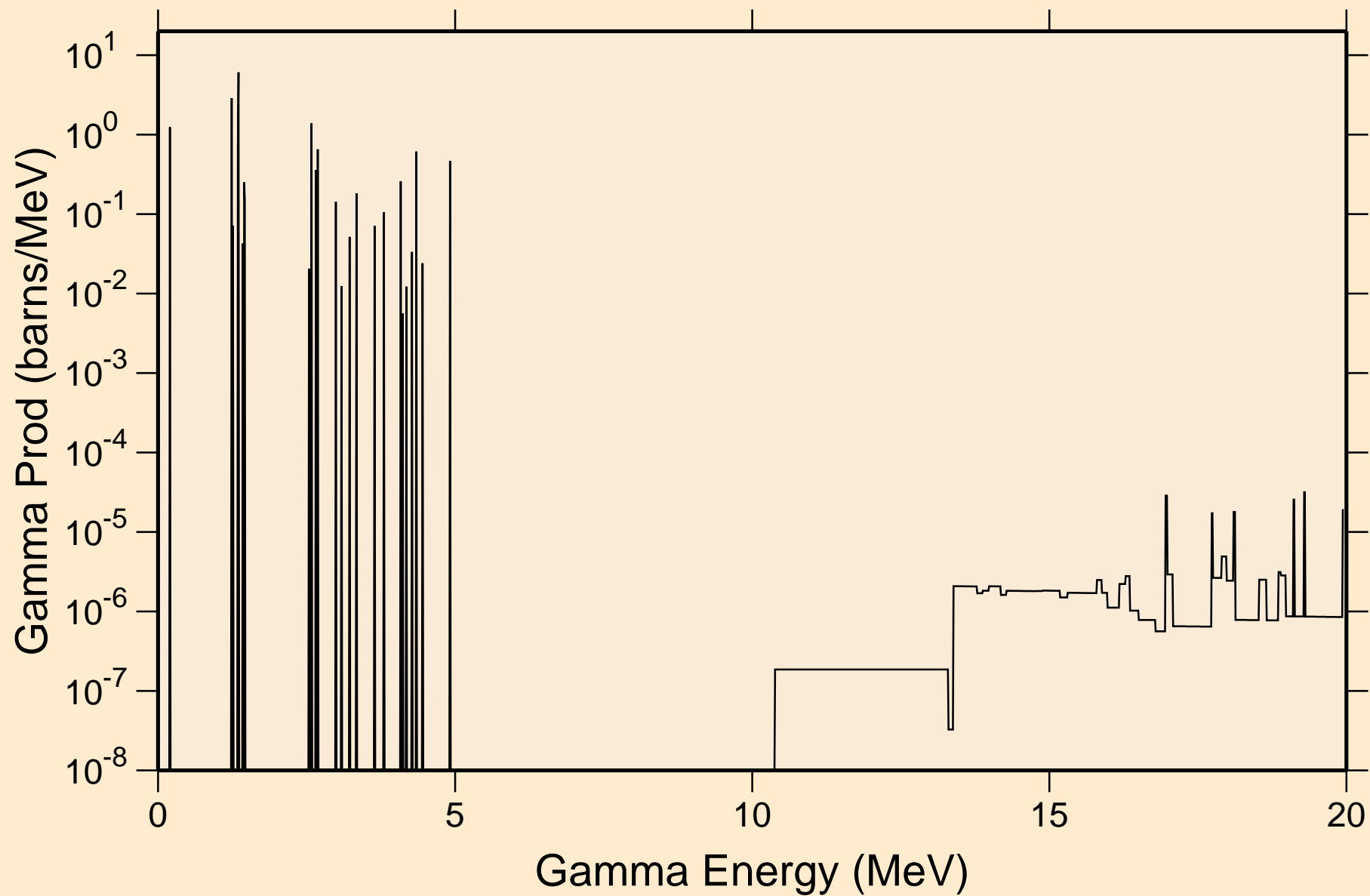


CENDL-2 F-19  
thermal capture photon spectrum



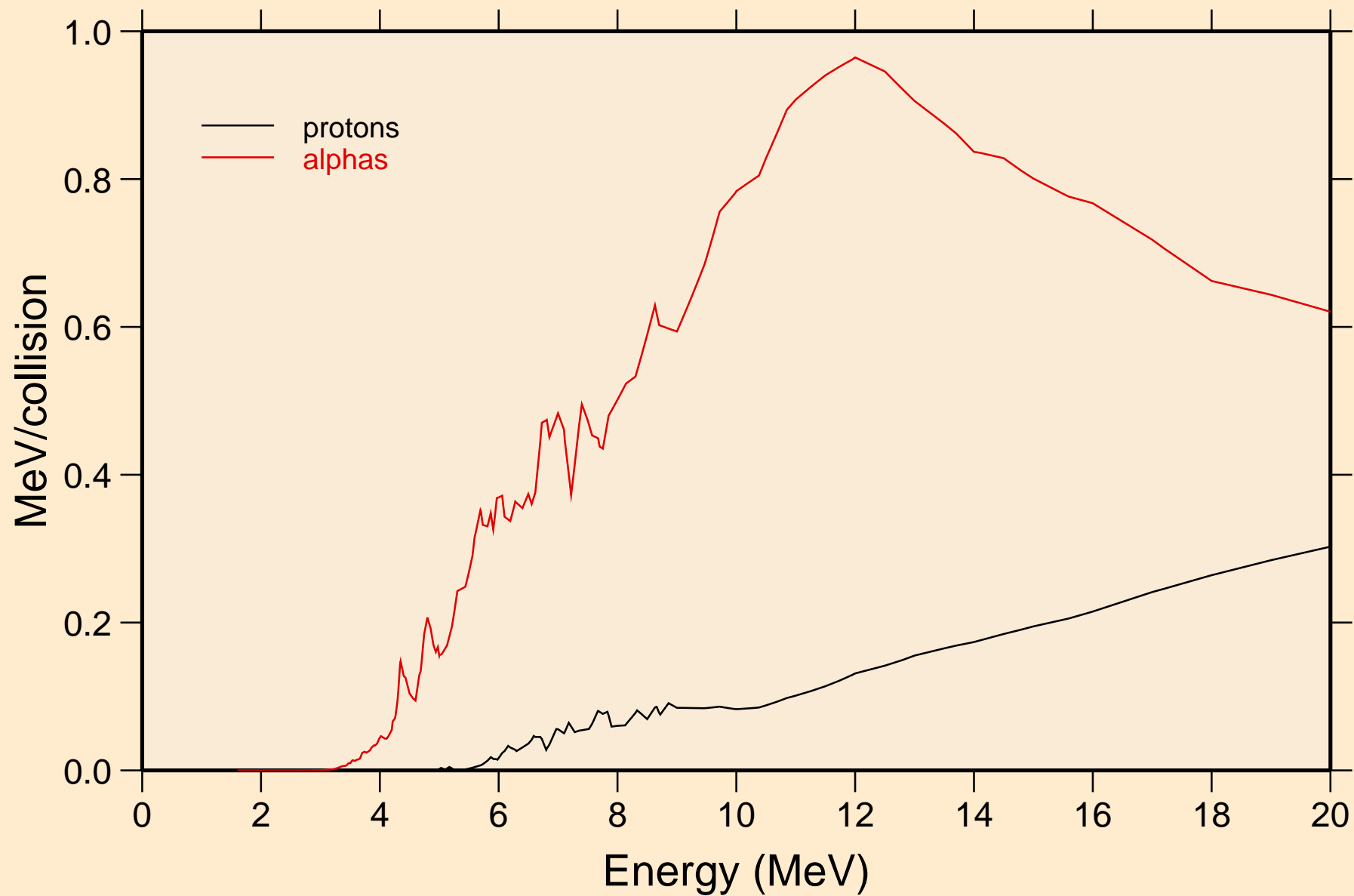
# CENDL-2 F-19

## 14 MeV photon spectrum

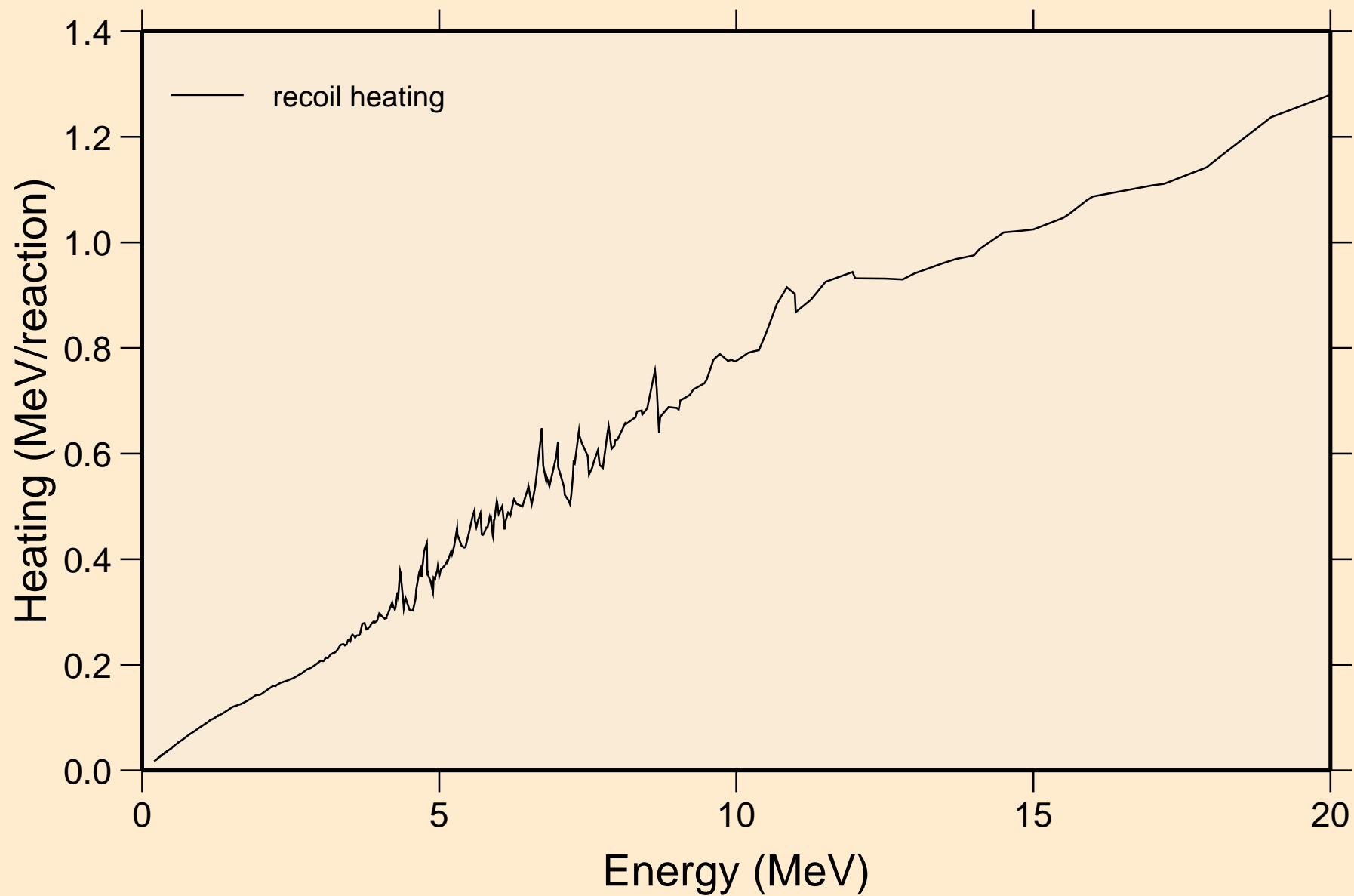


# CENDL-2 F-19

## Particle heating contributions

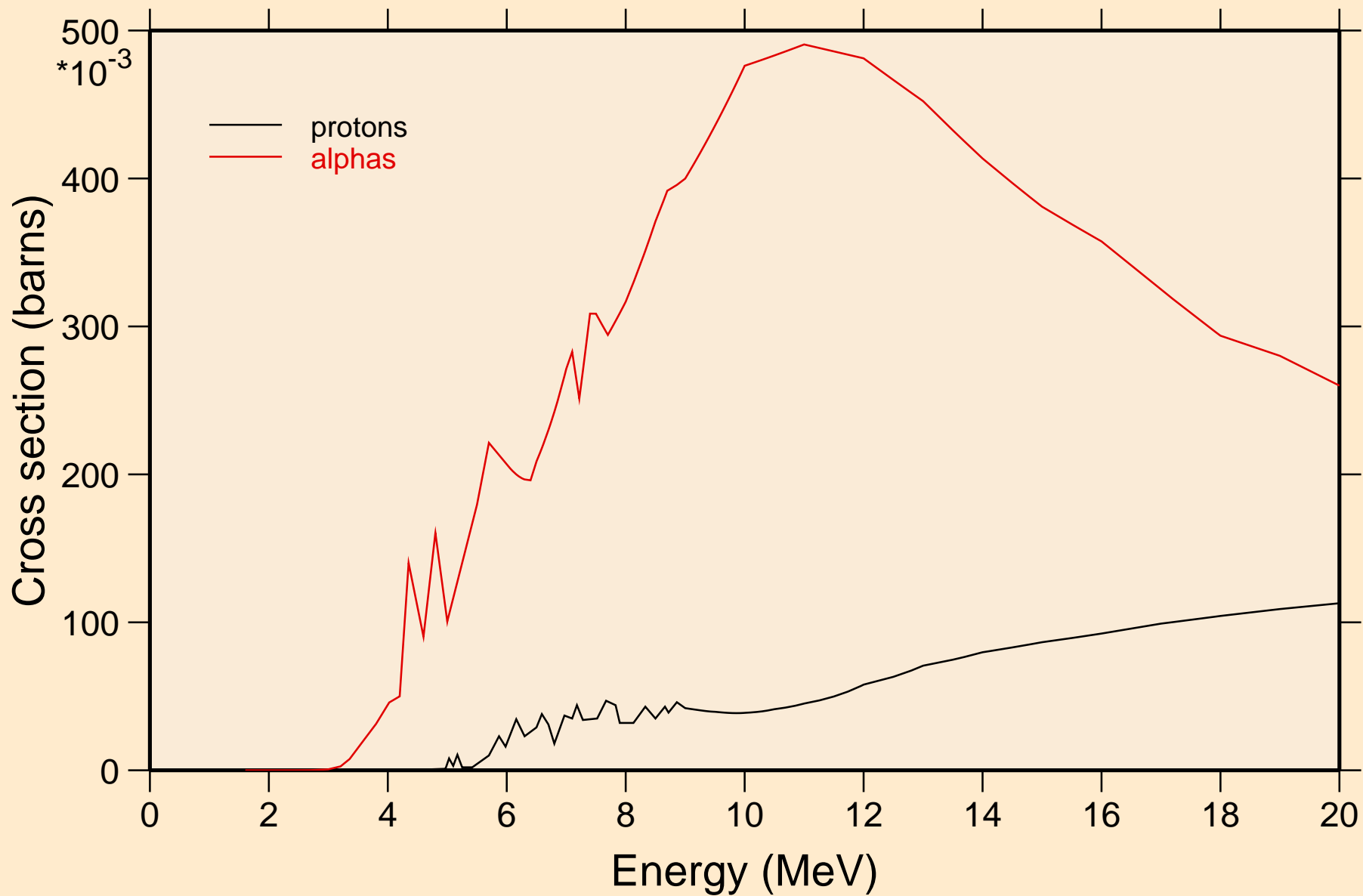


# CENDL-2 F-19 Recoil Heating

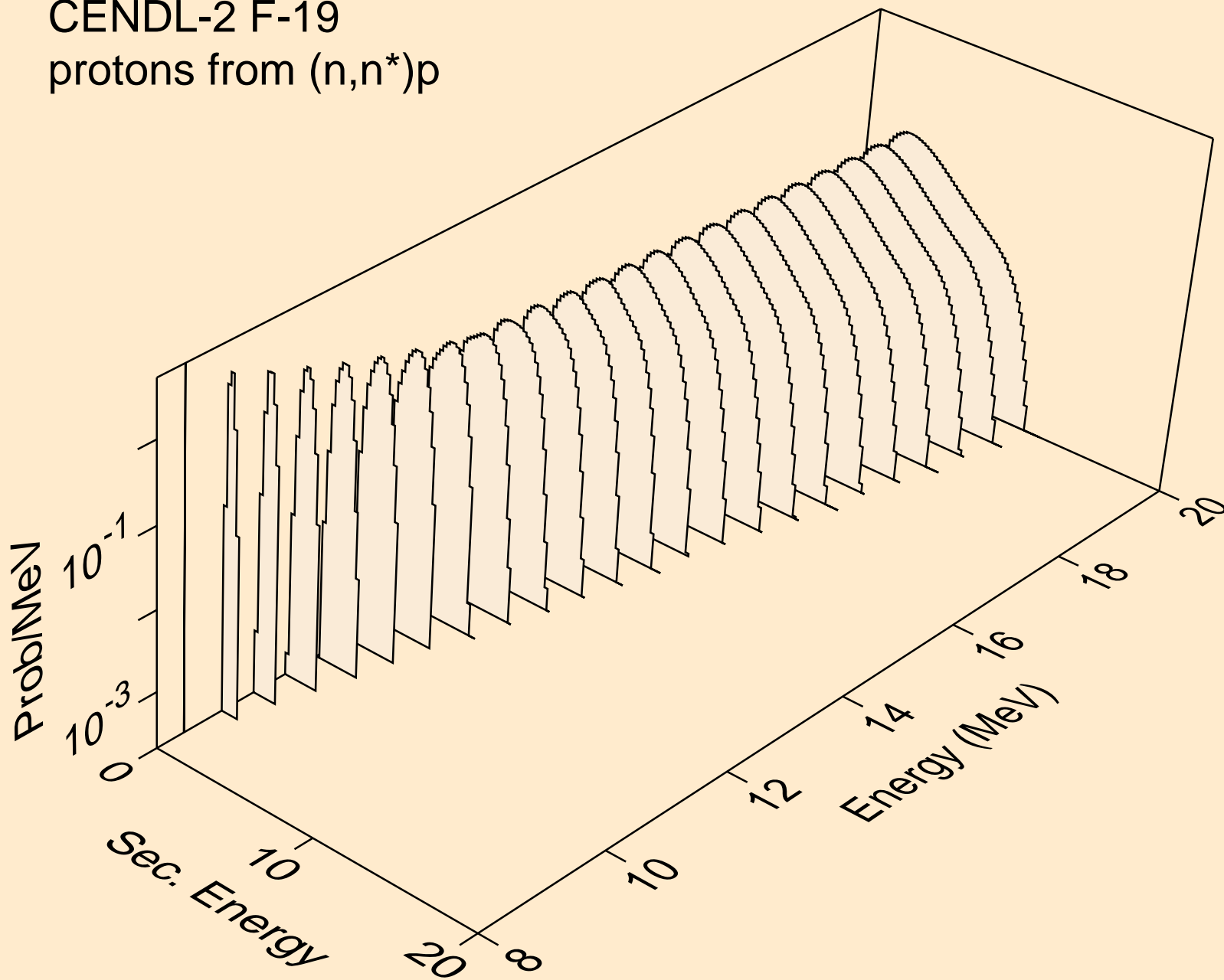


# CENDL-2 F-19

## Particle production cross sections

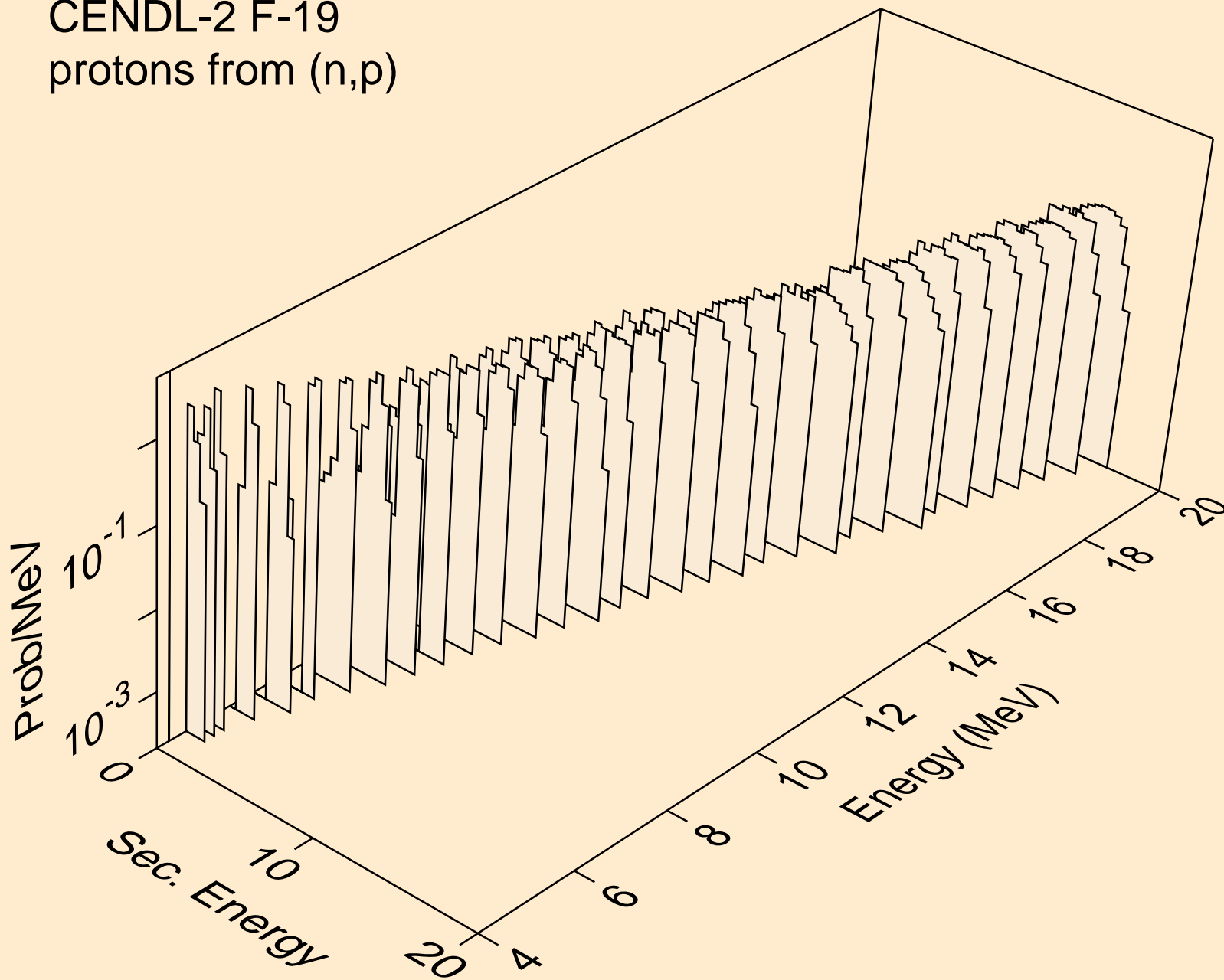


CENDL-2 F-19  
protons from (n,n\*)p

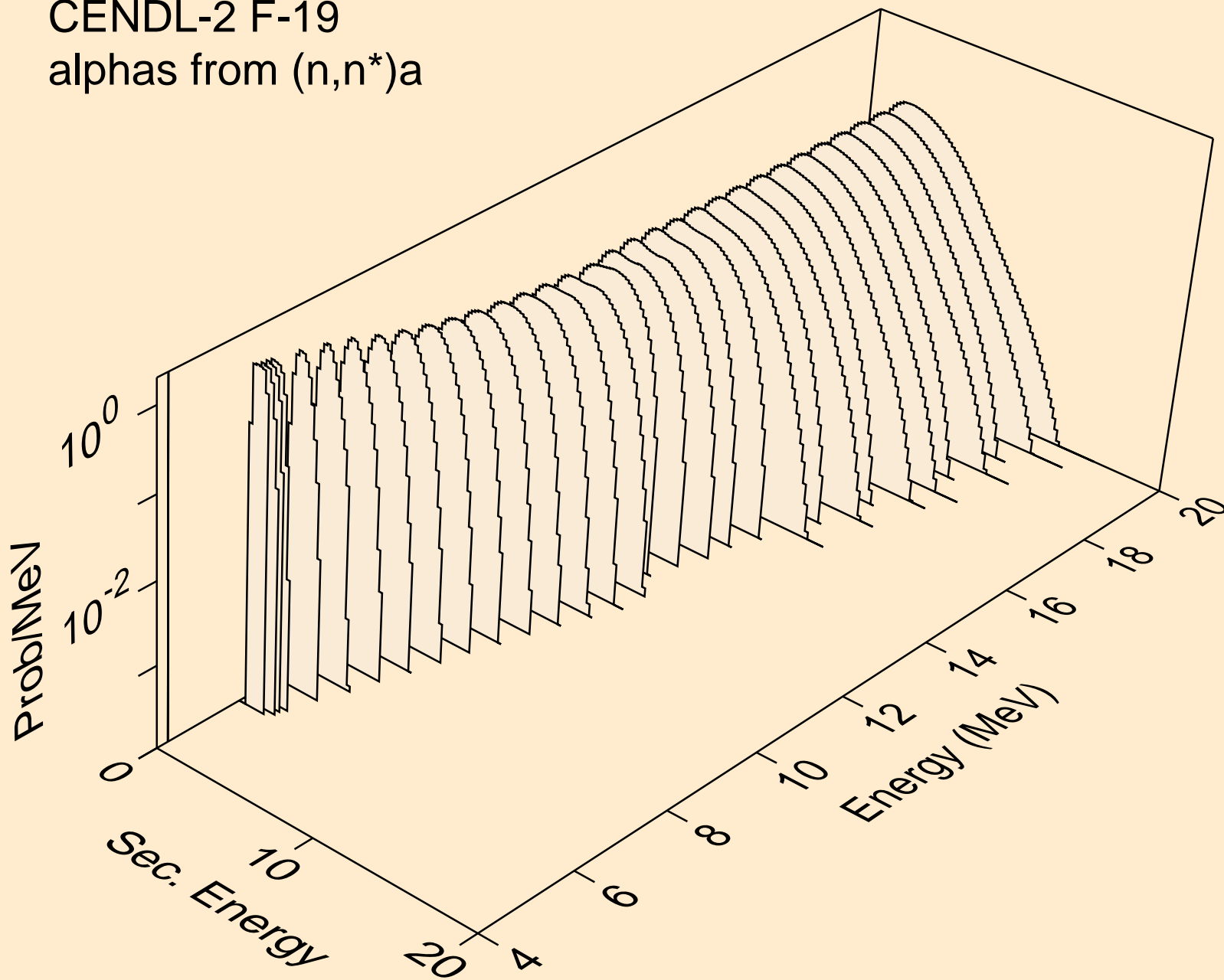




CENDL-2 F-19  
protons from (n,p)



CENDL-2 F-19  
alphas from (n,n\*)a



CENDL-2 F-19  
alphas from (n,a)

