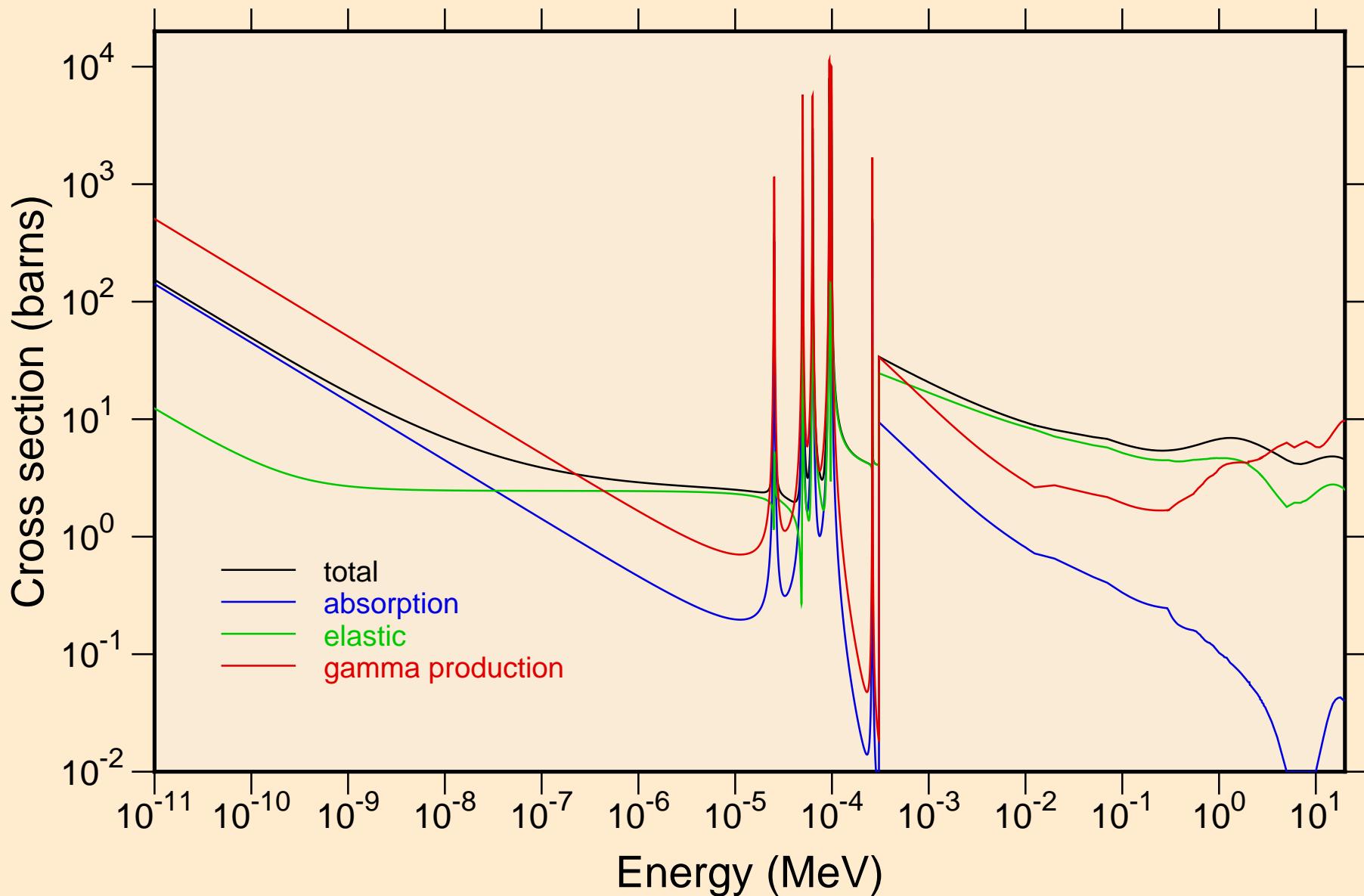
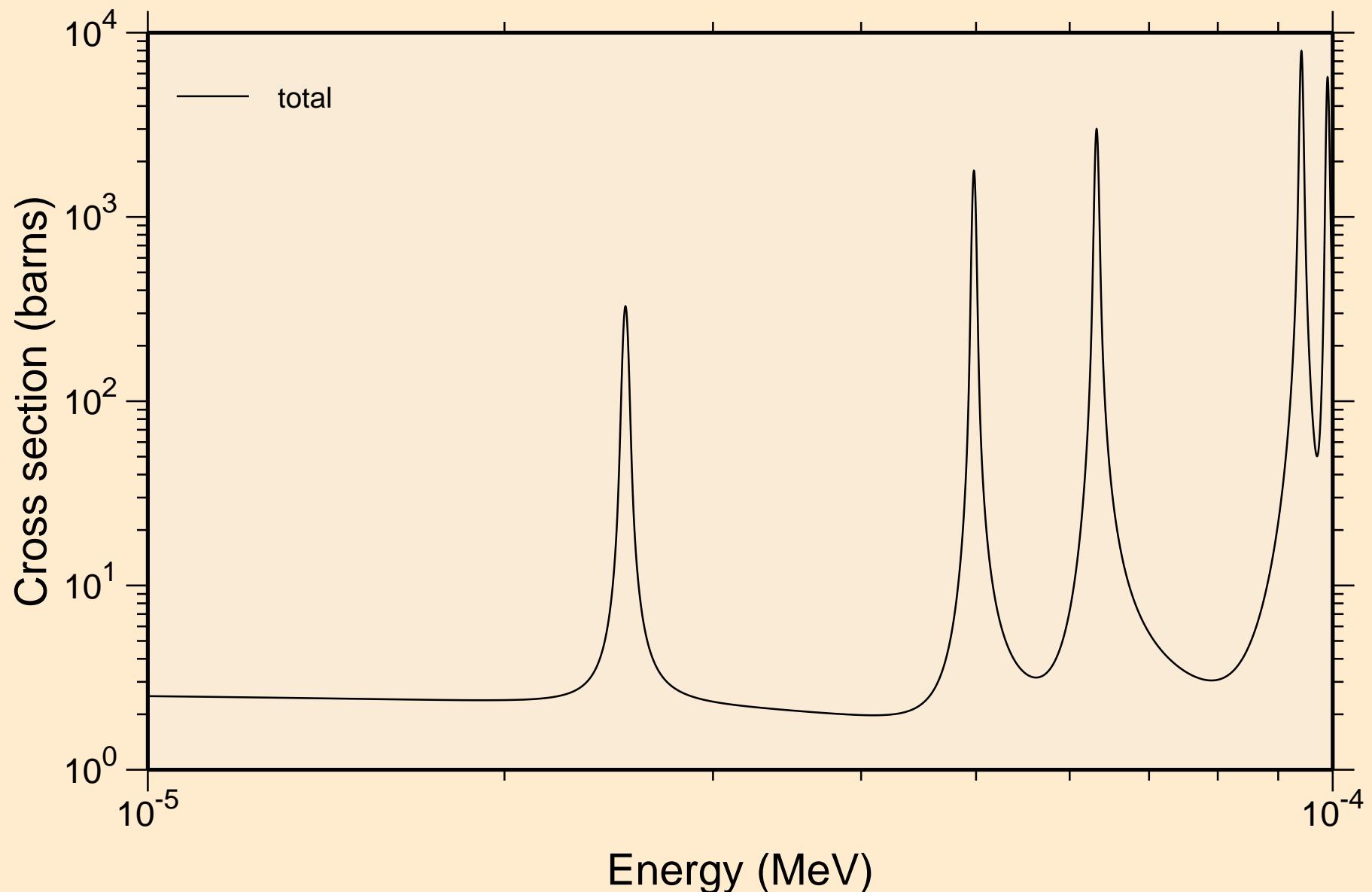


# ENDF/B-VII.1 BA-133

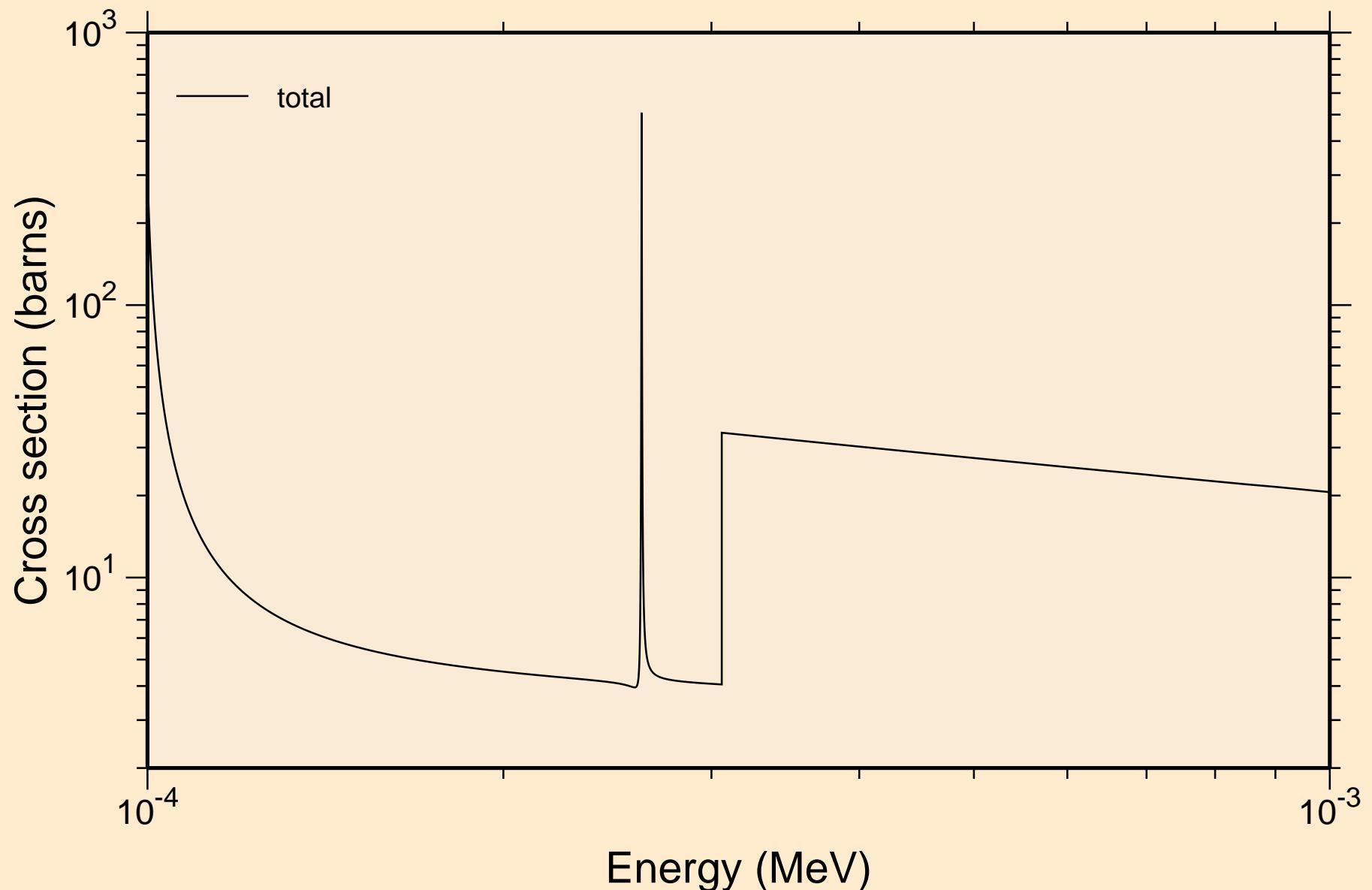
## Principal cross sections



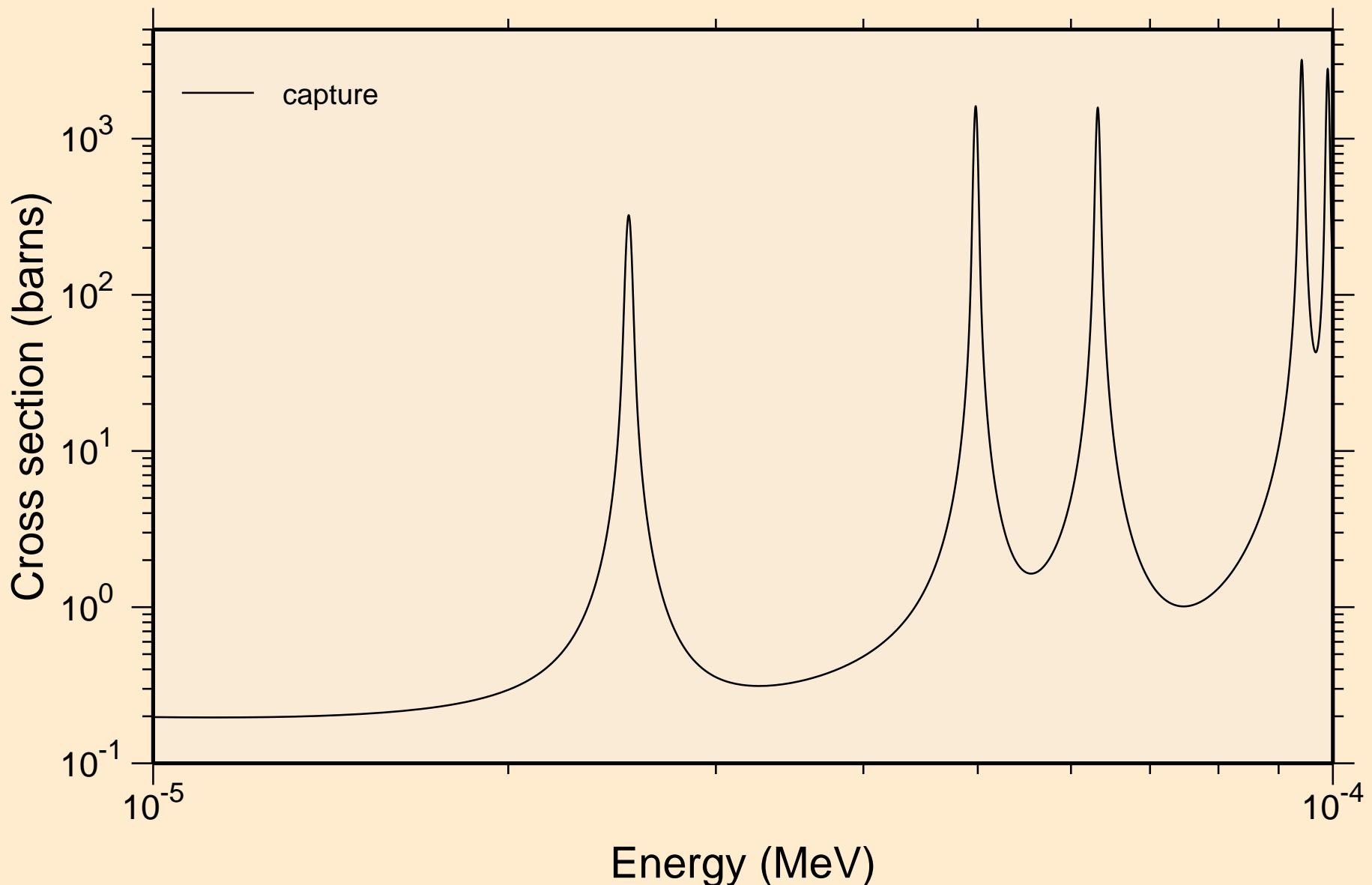
ENDF/B-VII.1 BA-133  
resonance total cross section



ENDF/B-VII.1 BA-133  
resonance total cross section

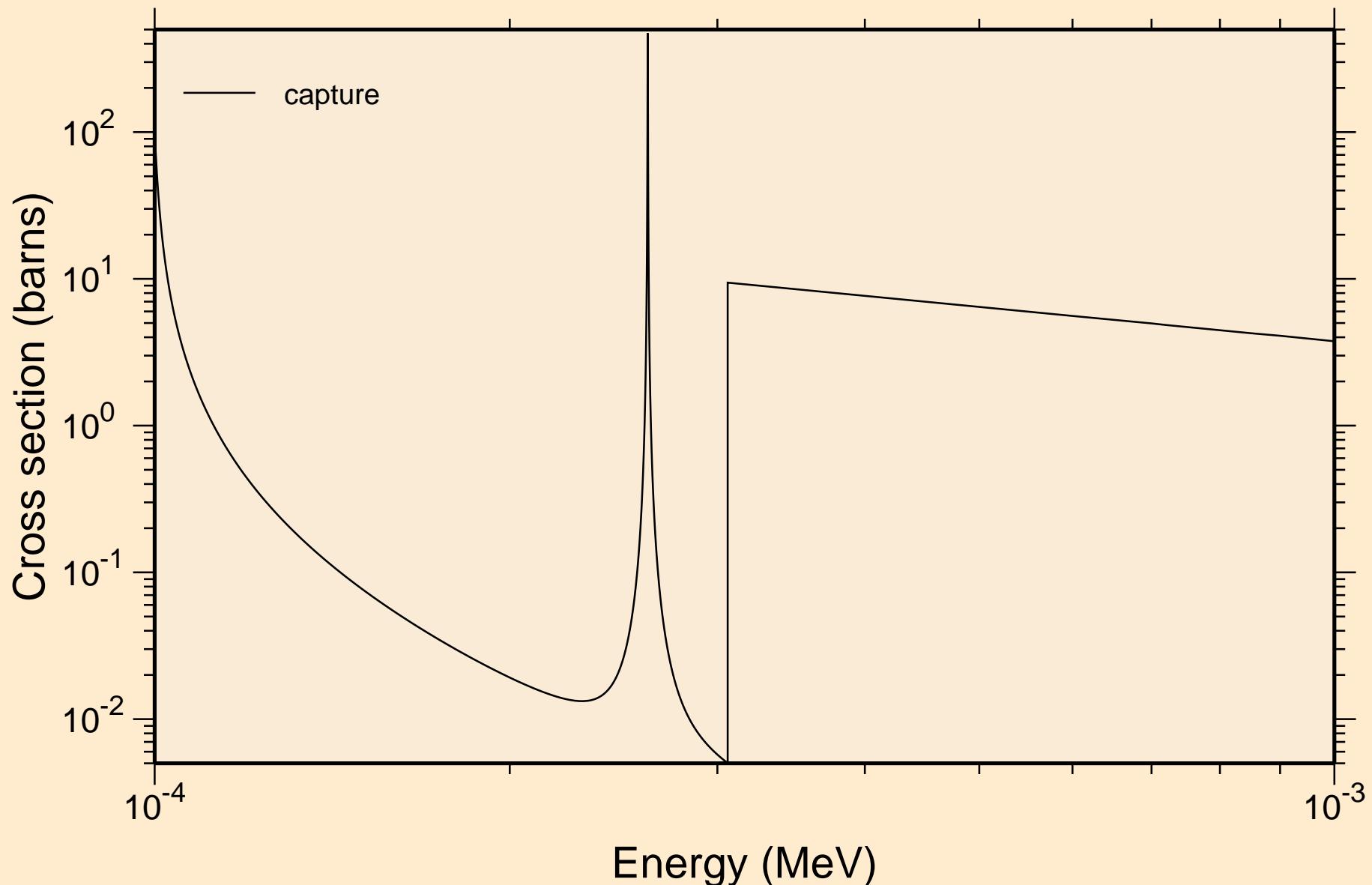


ENDF/B-VII.1 BA-133  
resonance absorption cross sections



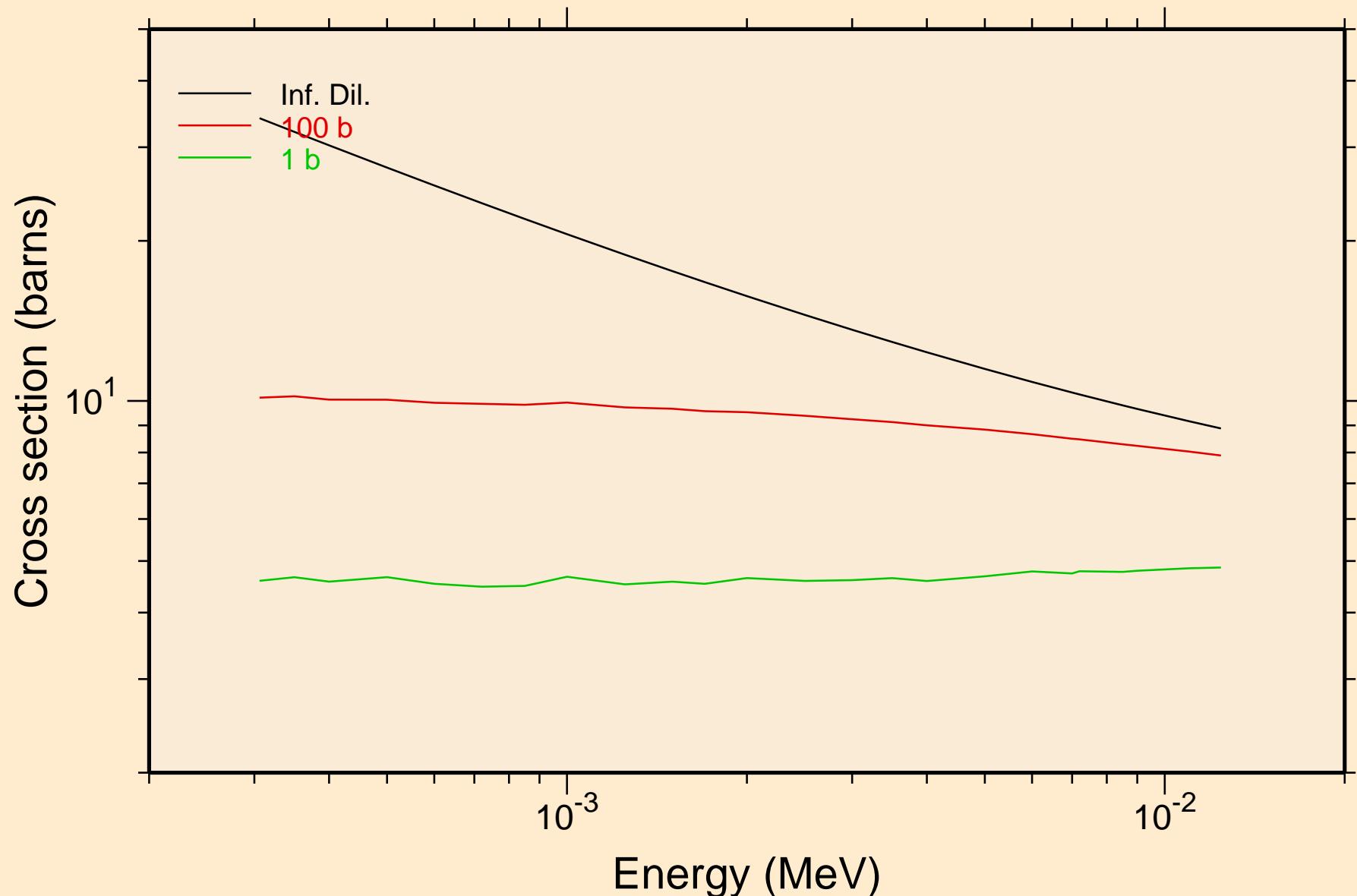
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## resonance absorption cross sections



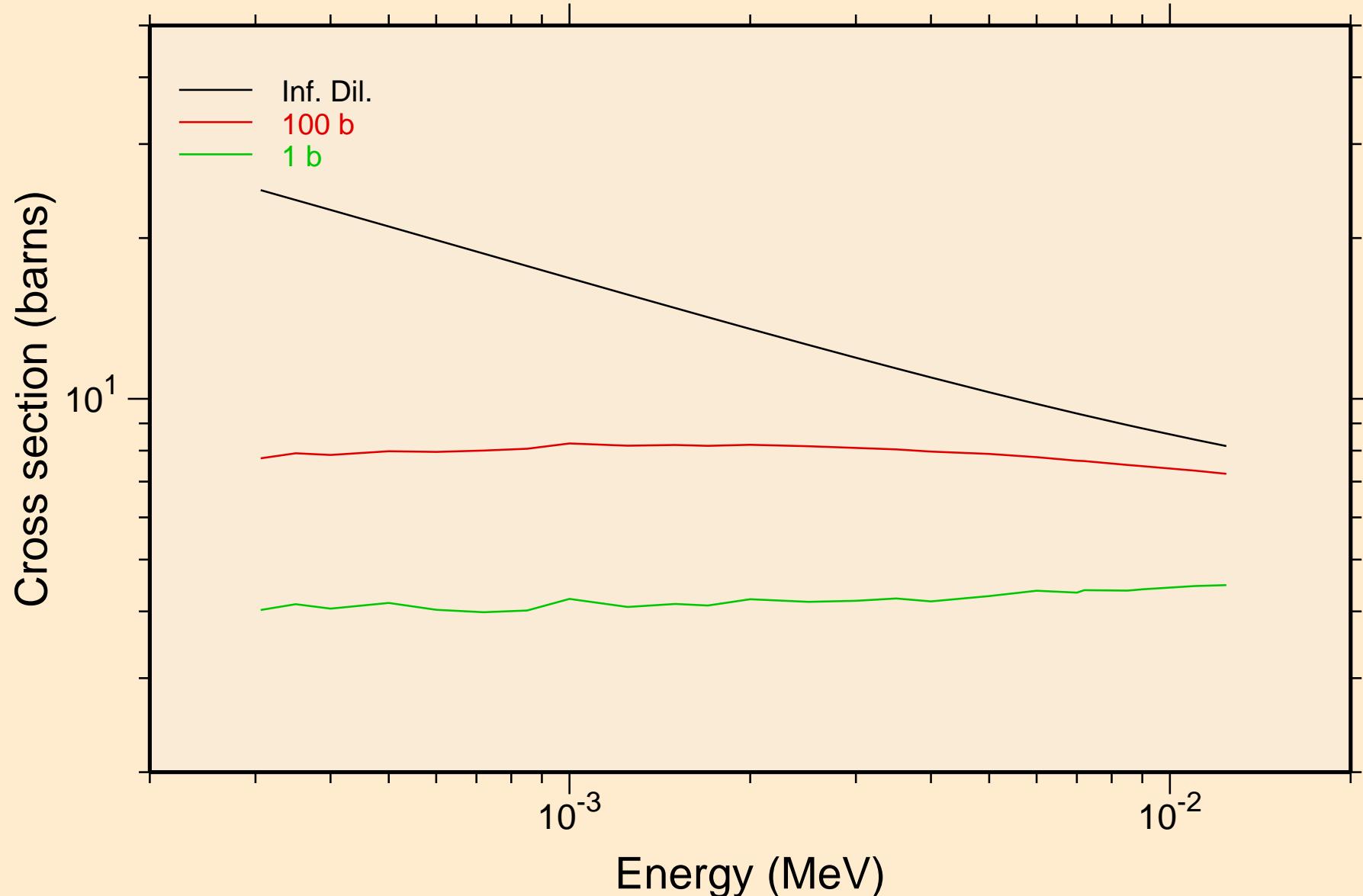
# ENDF/B-VII.1 BA-133

## UR total cross section



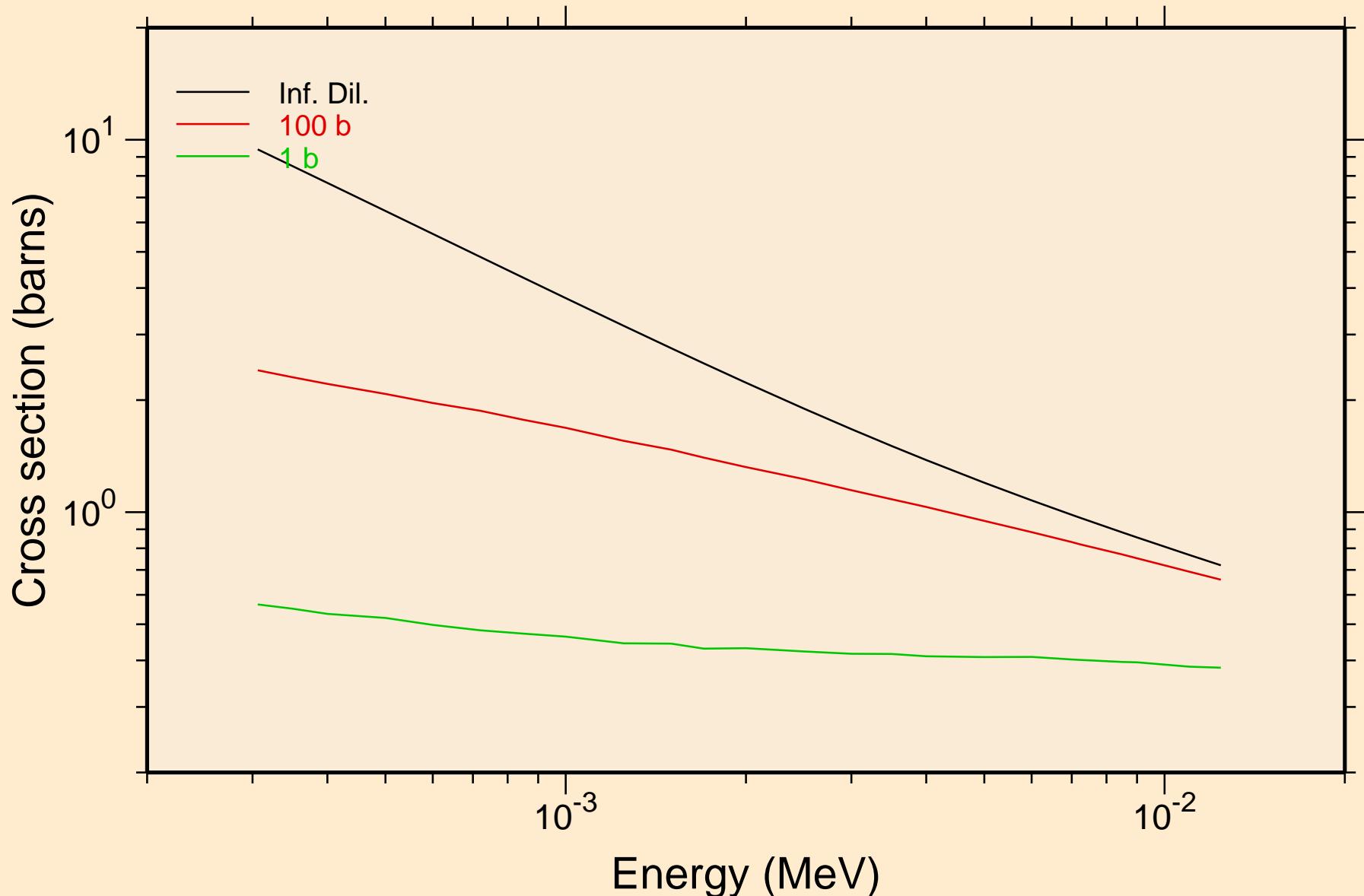
# ENDF/B-VII.1 BA-133

## UR elastic cross section

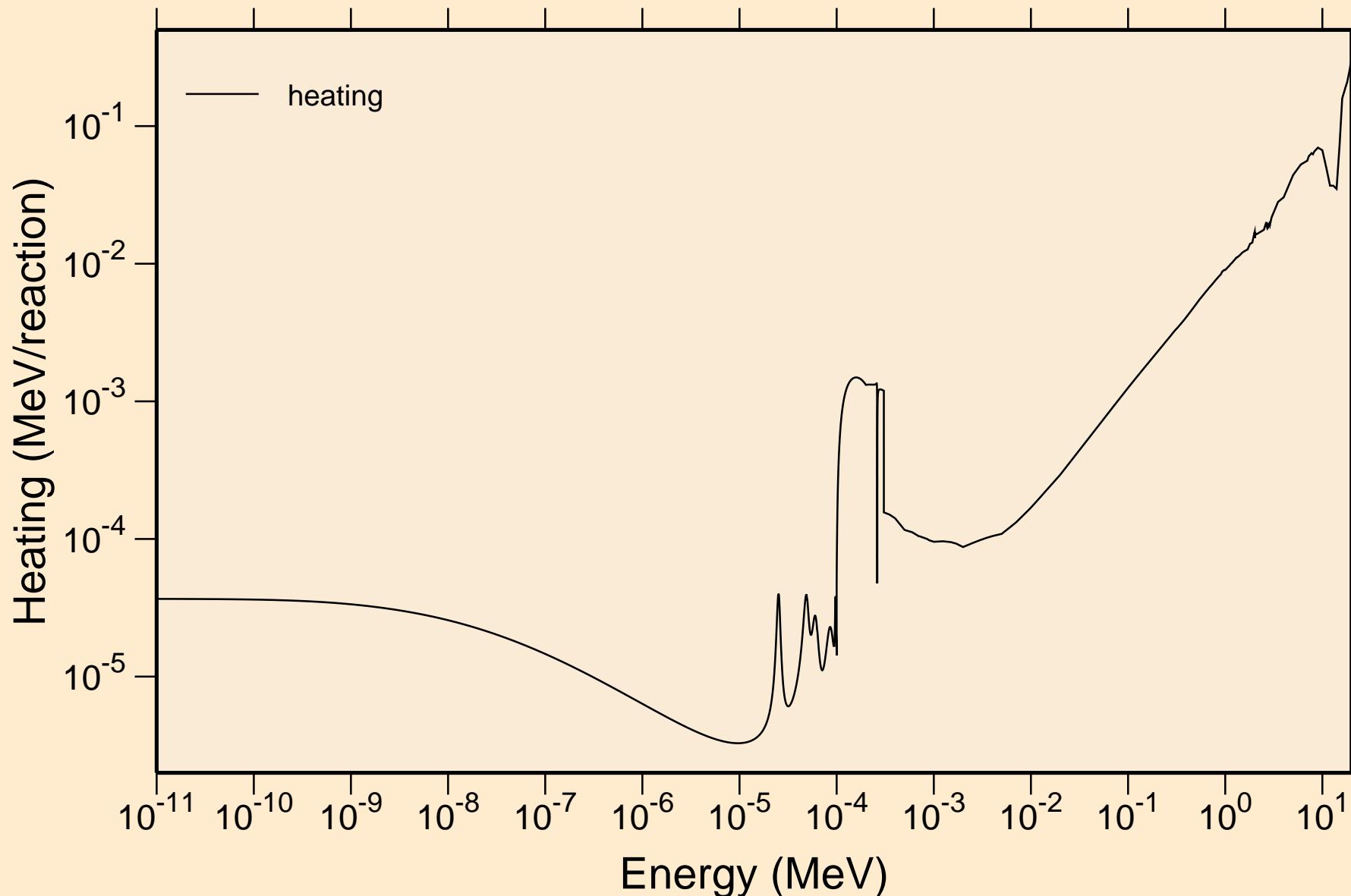


# ENDF/B-VII.1 BA-133

## UR capture cross section

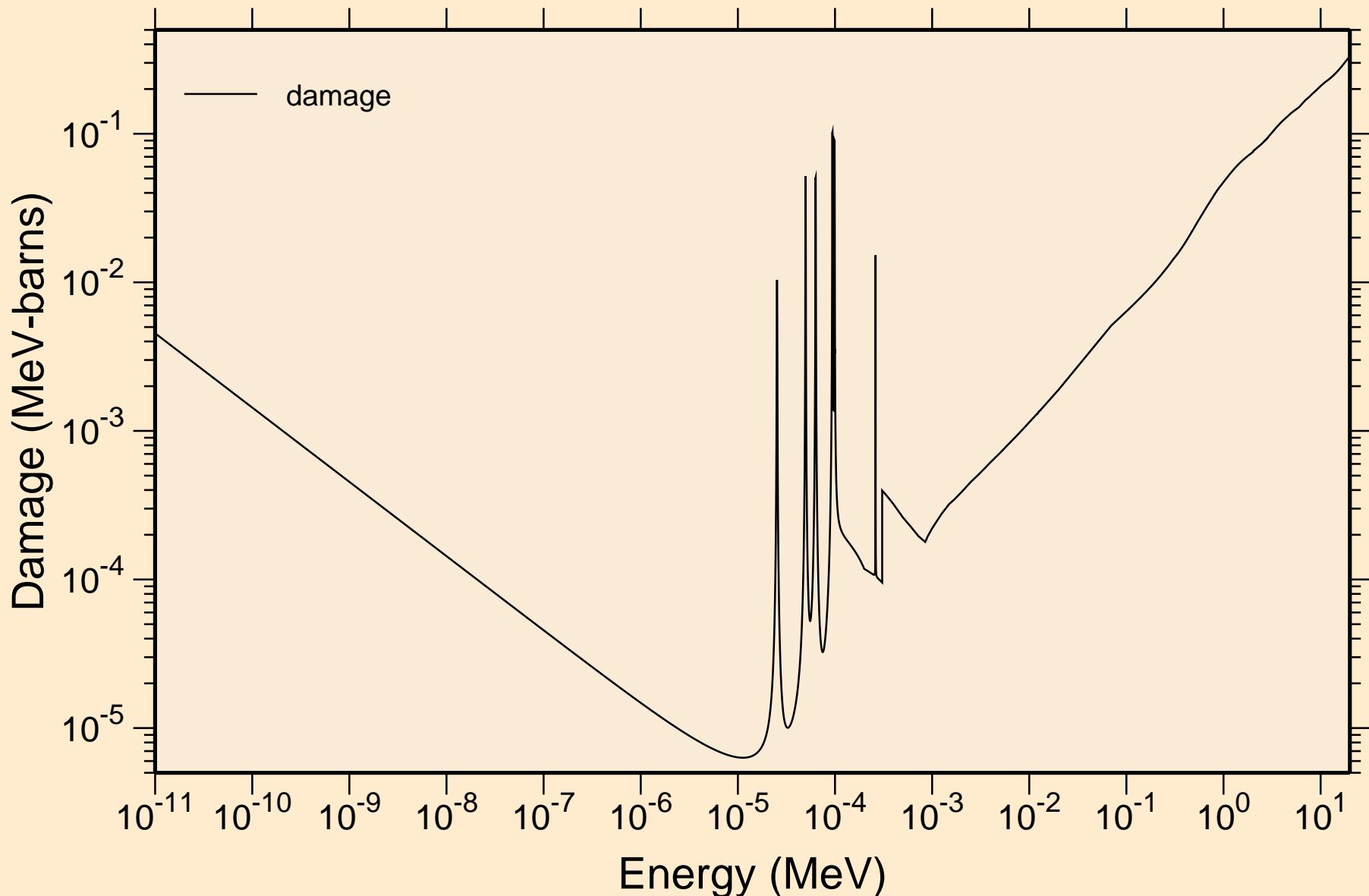


ENDF/B-VII.1 BA-133  
Heating

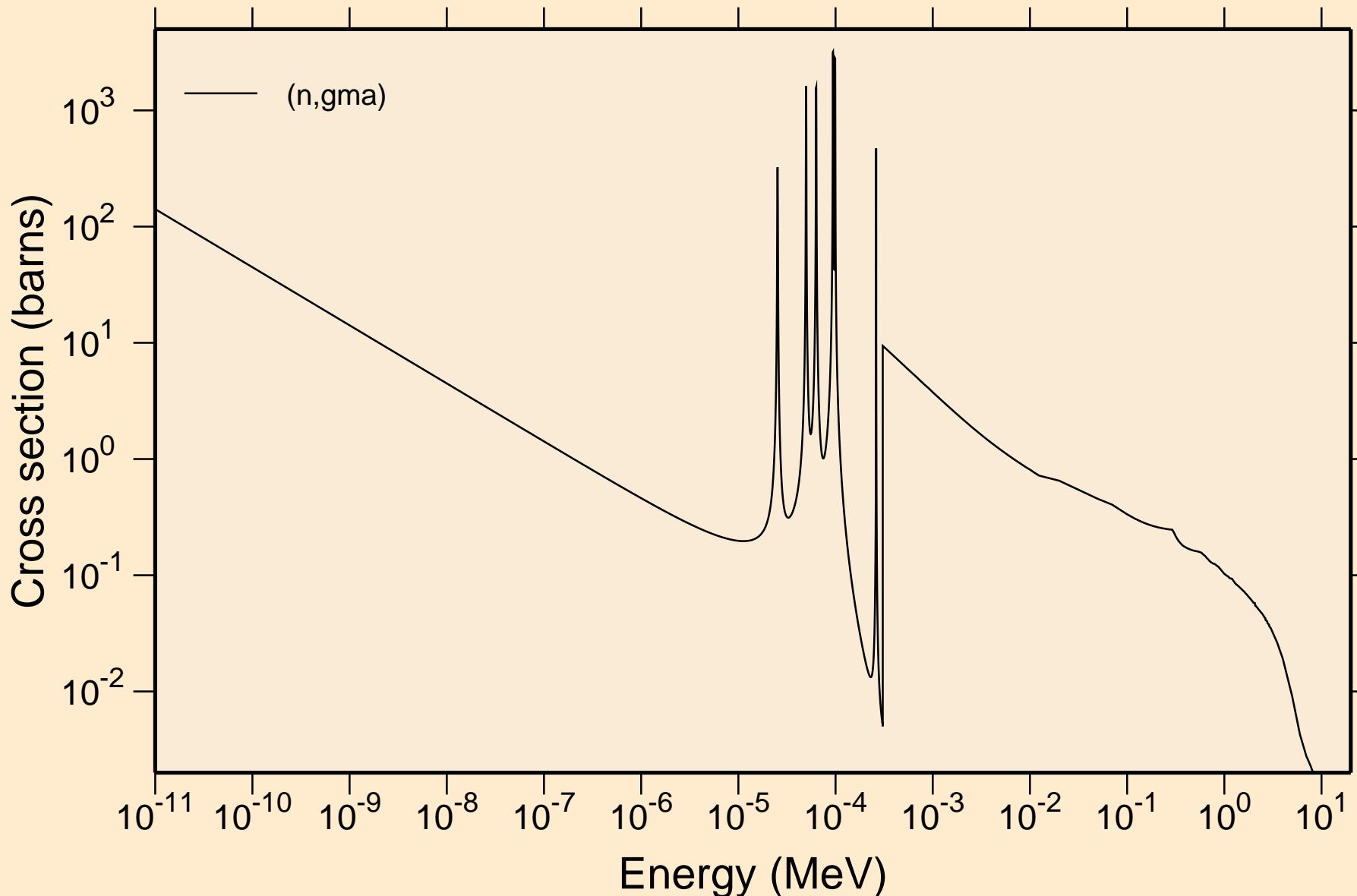


# ENDF/B-VII.1 BA-133

## Damage

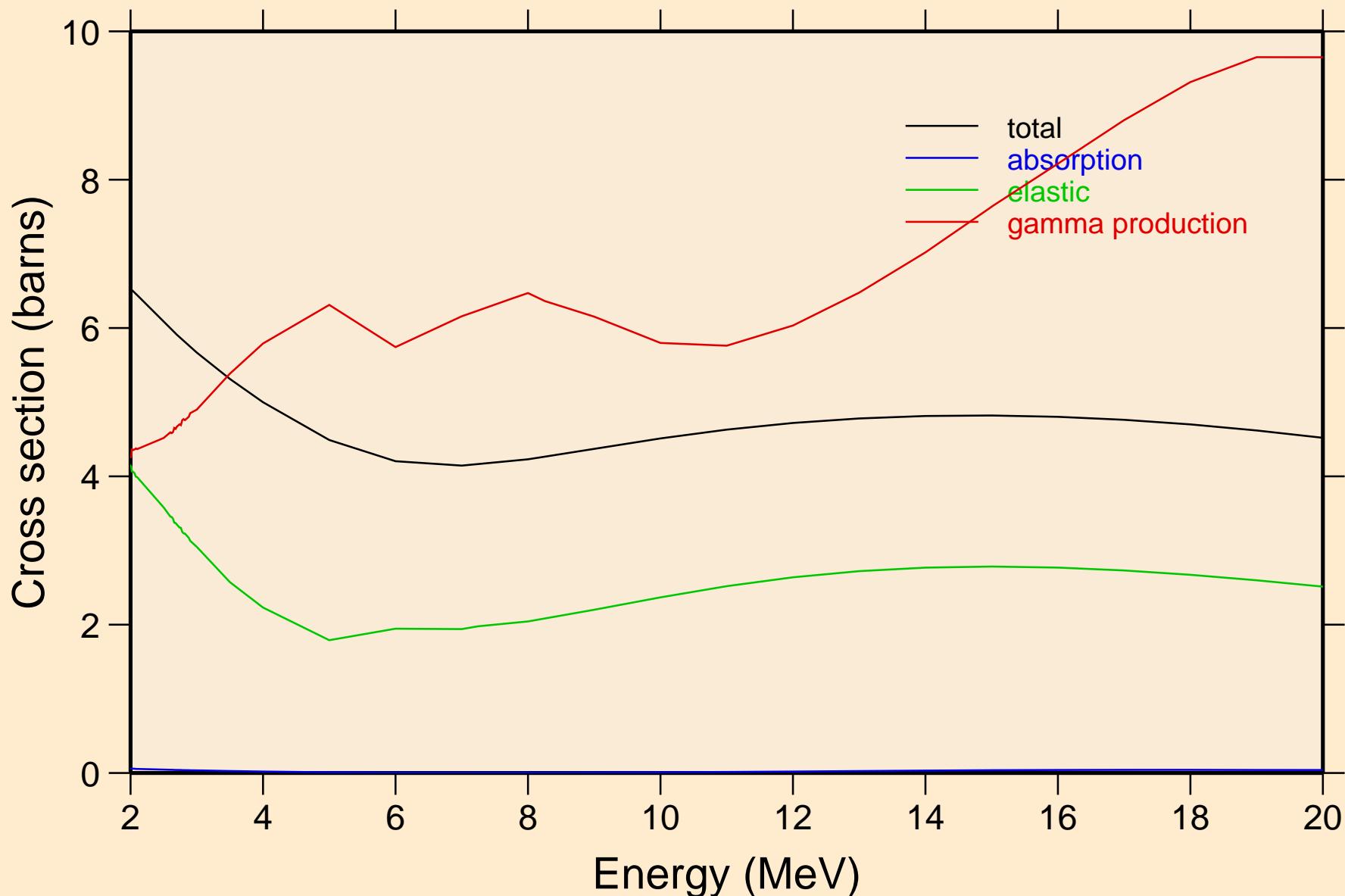


ENDF/B-VII.1 BA-133  
Non-threshold reactions

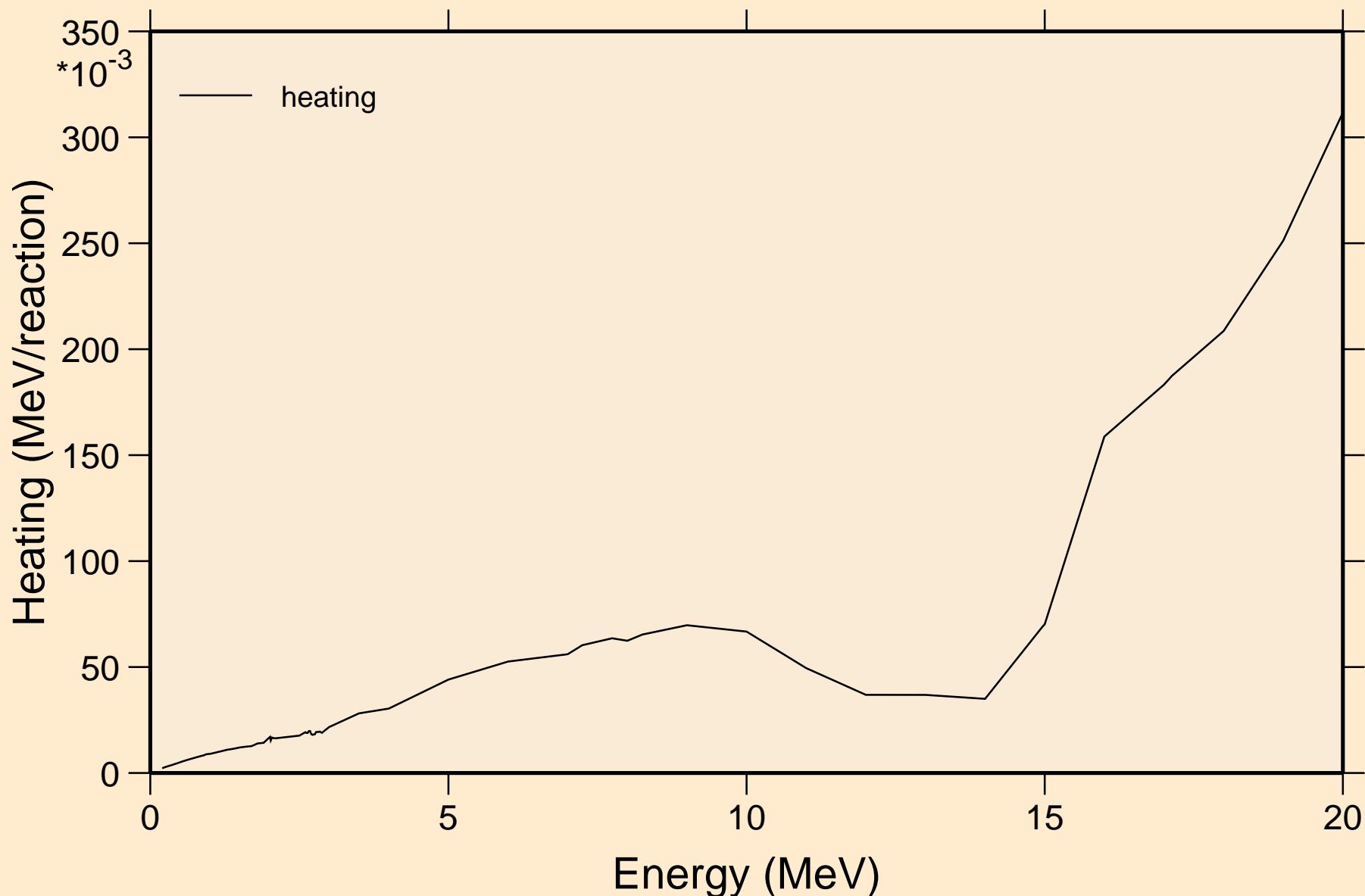


# ENDF/B-VII.1 BA-133

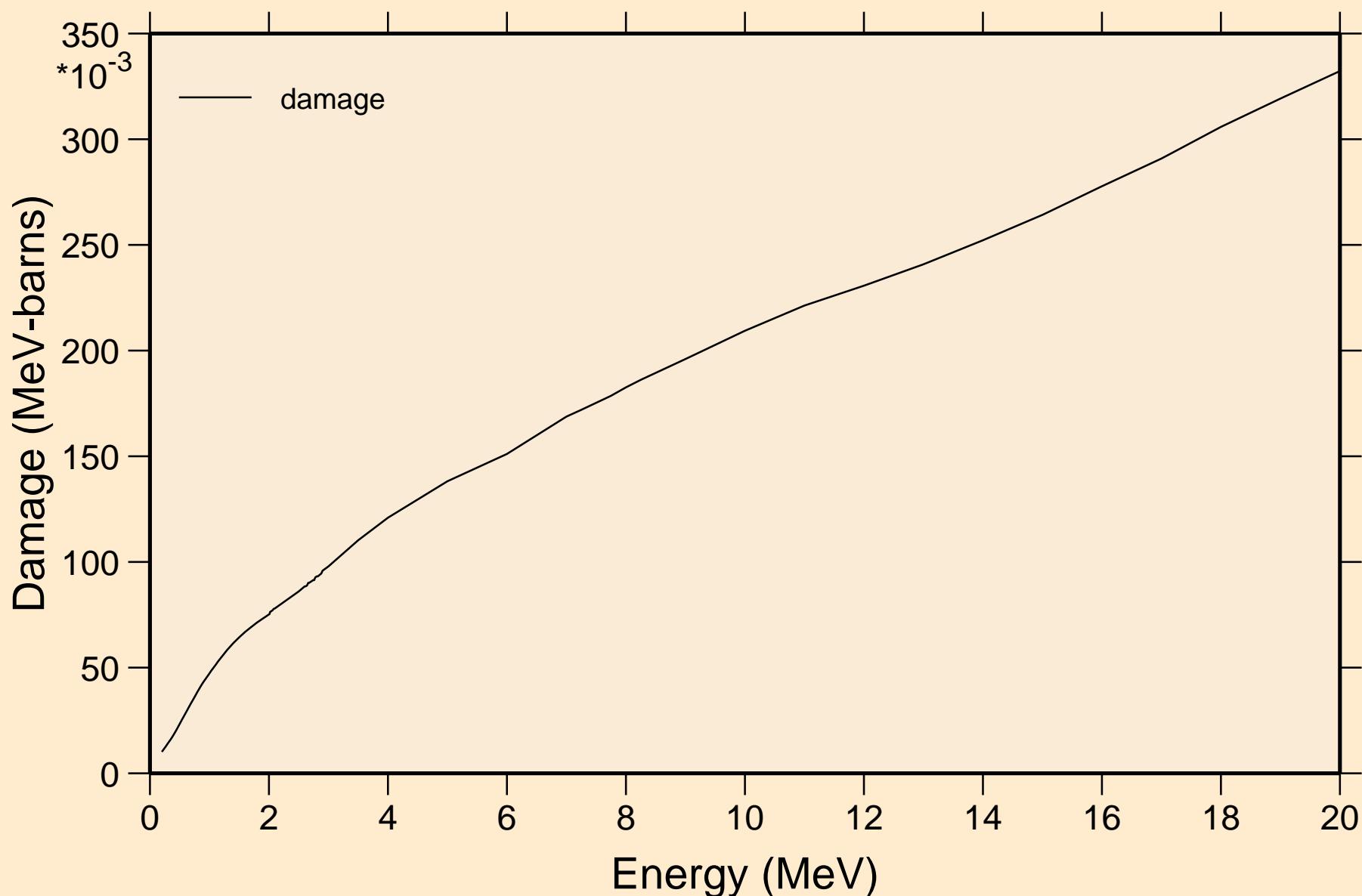
## Principal cross sections



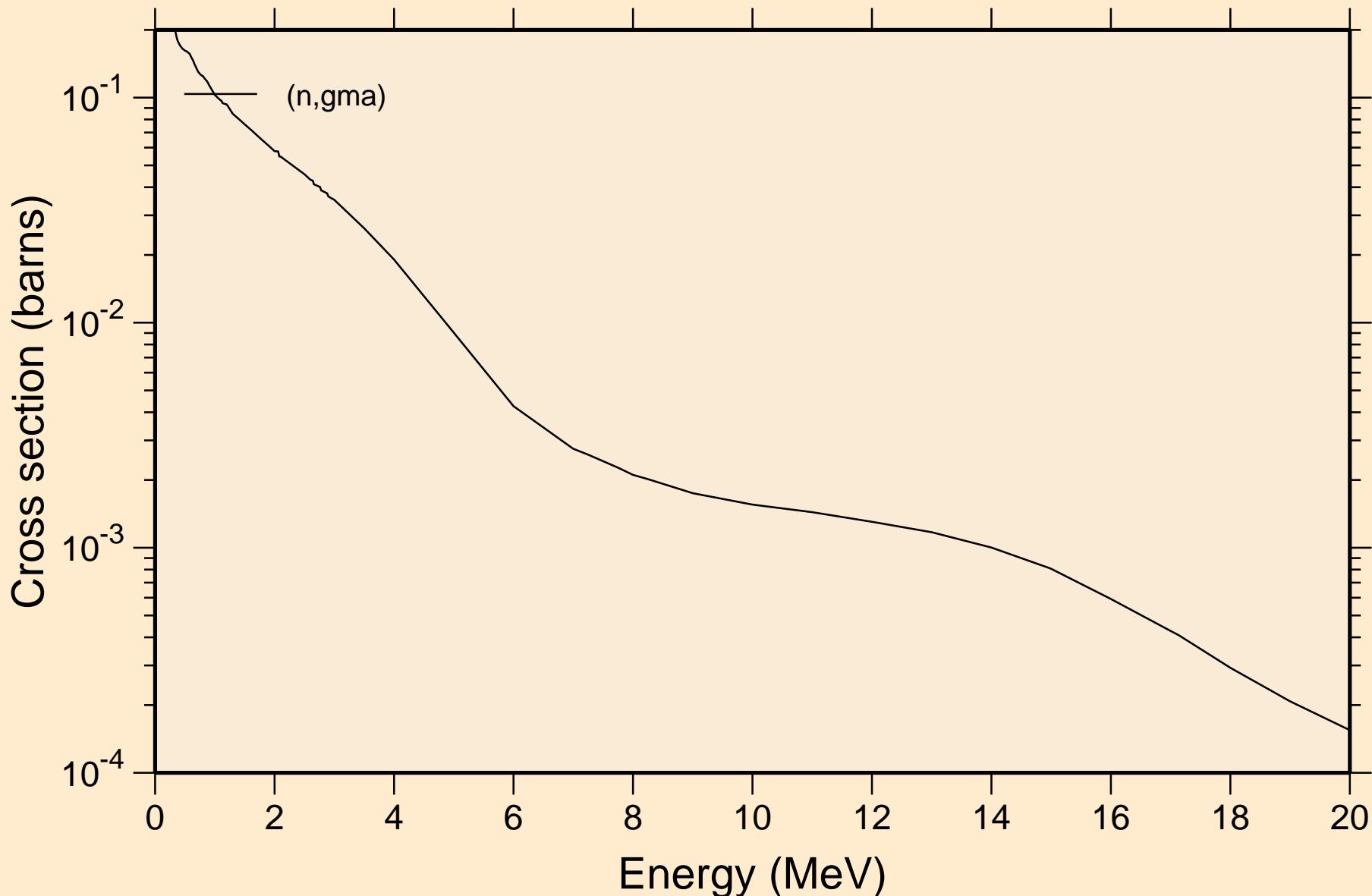
ENDF/B-VII.1 BA-133  
Heating



ENDF/B-VII.1 BA-133  
Damage

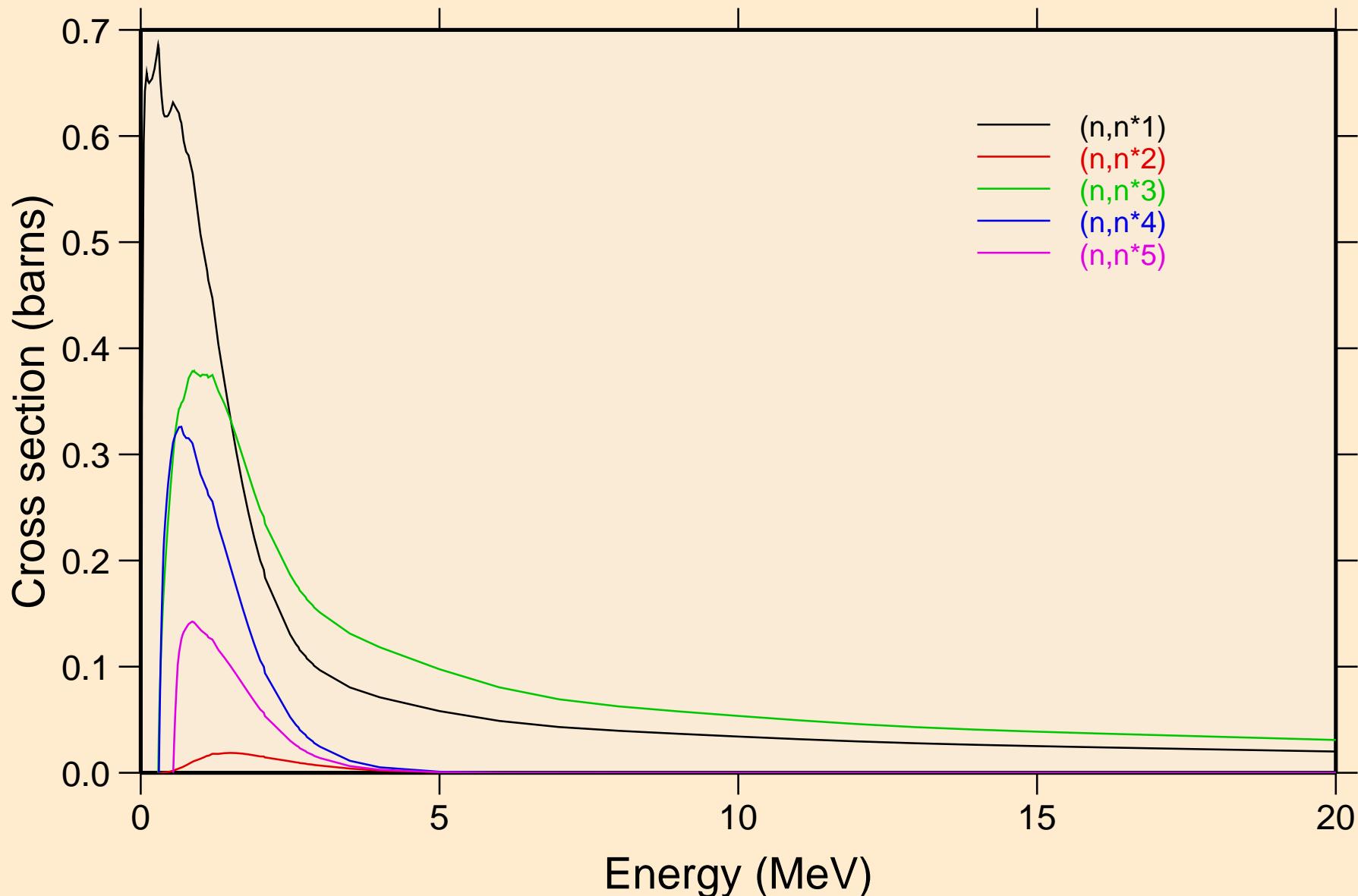


ENDF/B-VII.1 BA-133  
Non-threshold reactions



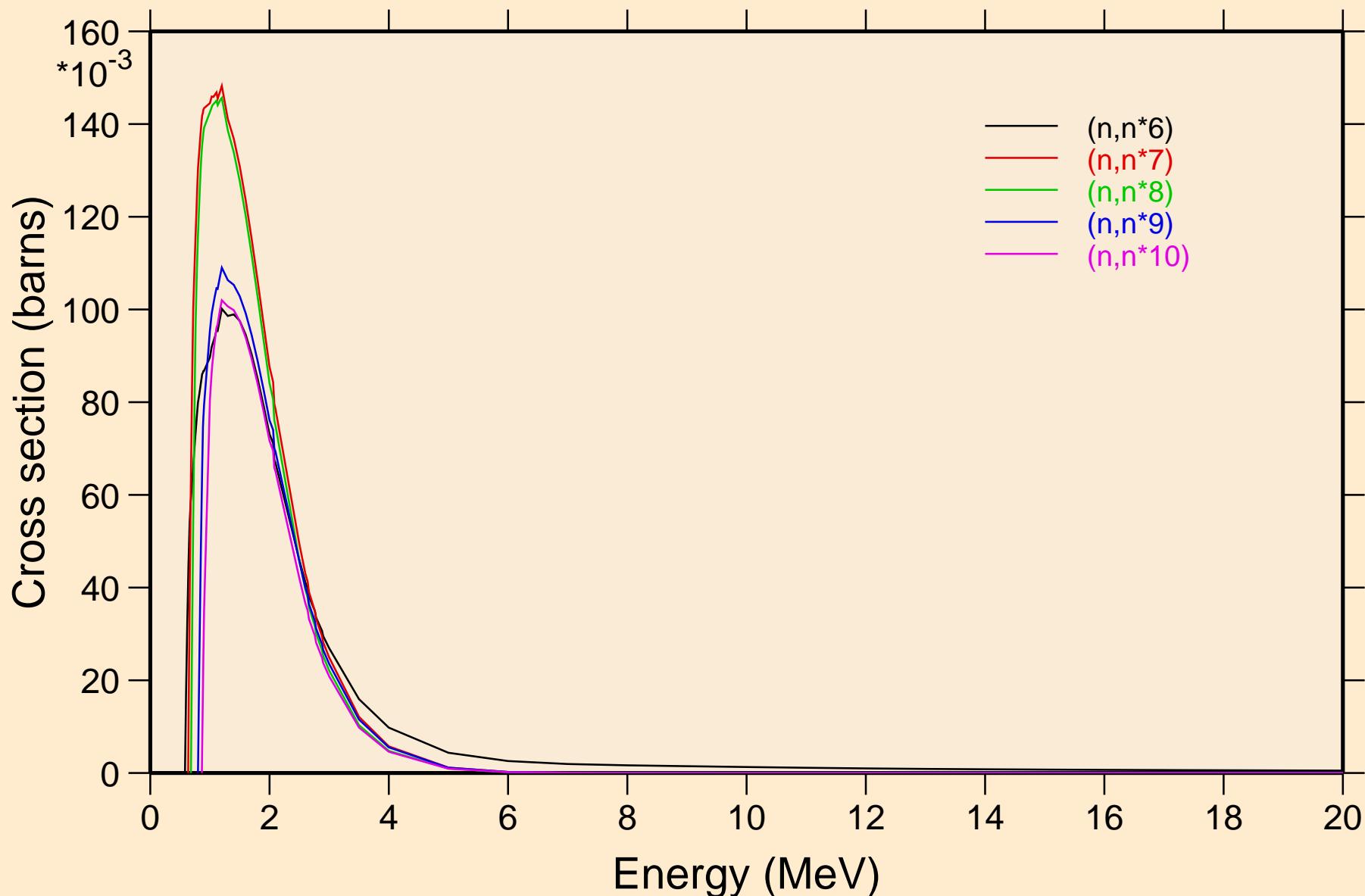
# ENDF/B-VII.1 BA-133

## Inelastic levels



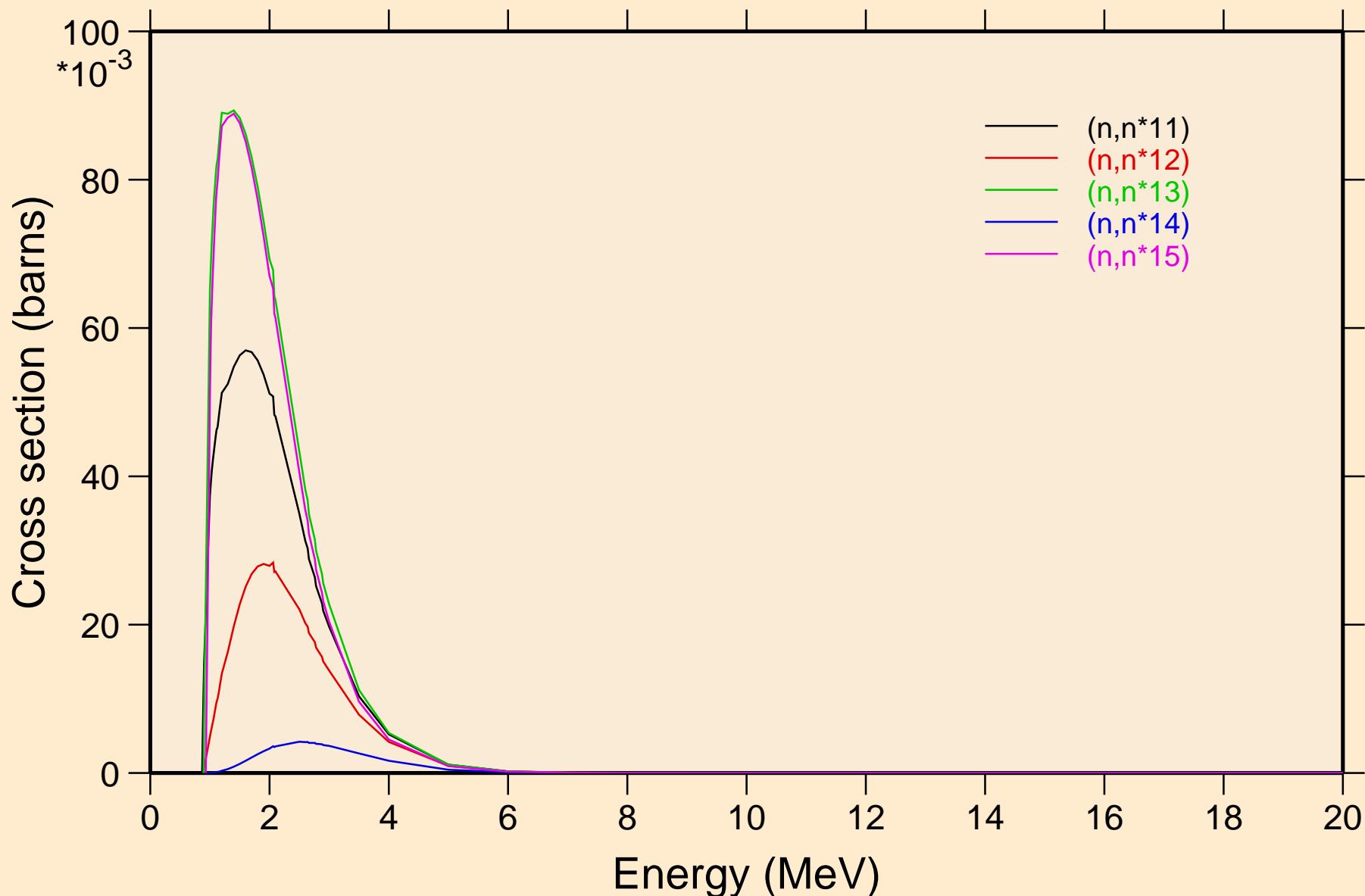
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## Inelastic levels



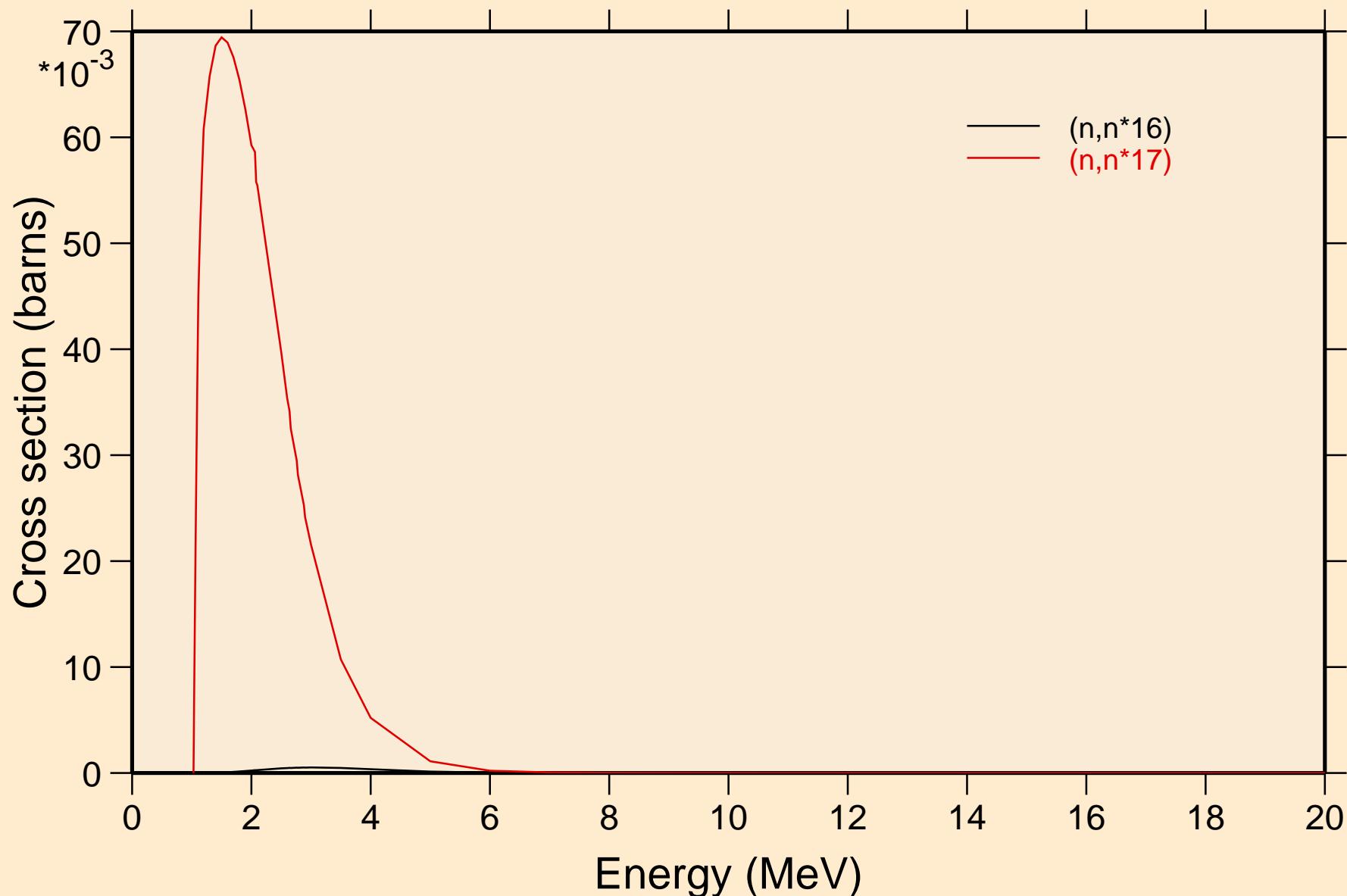
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## Inelastic levels



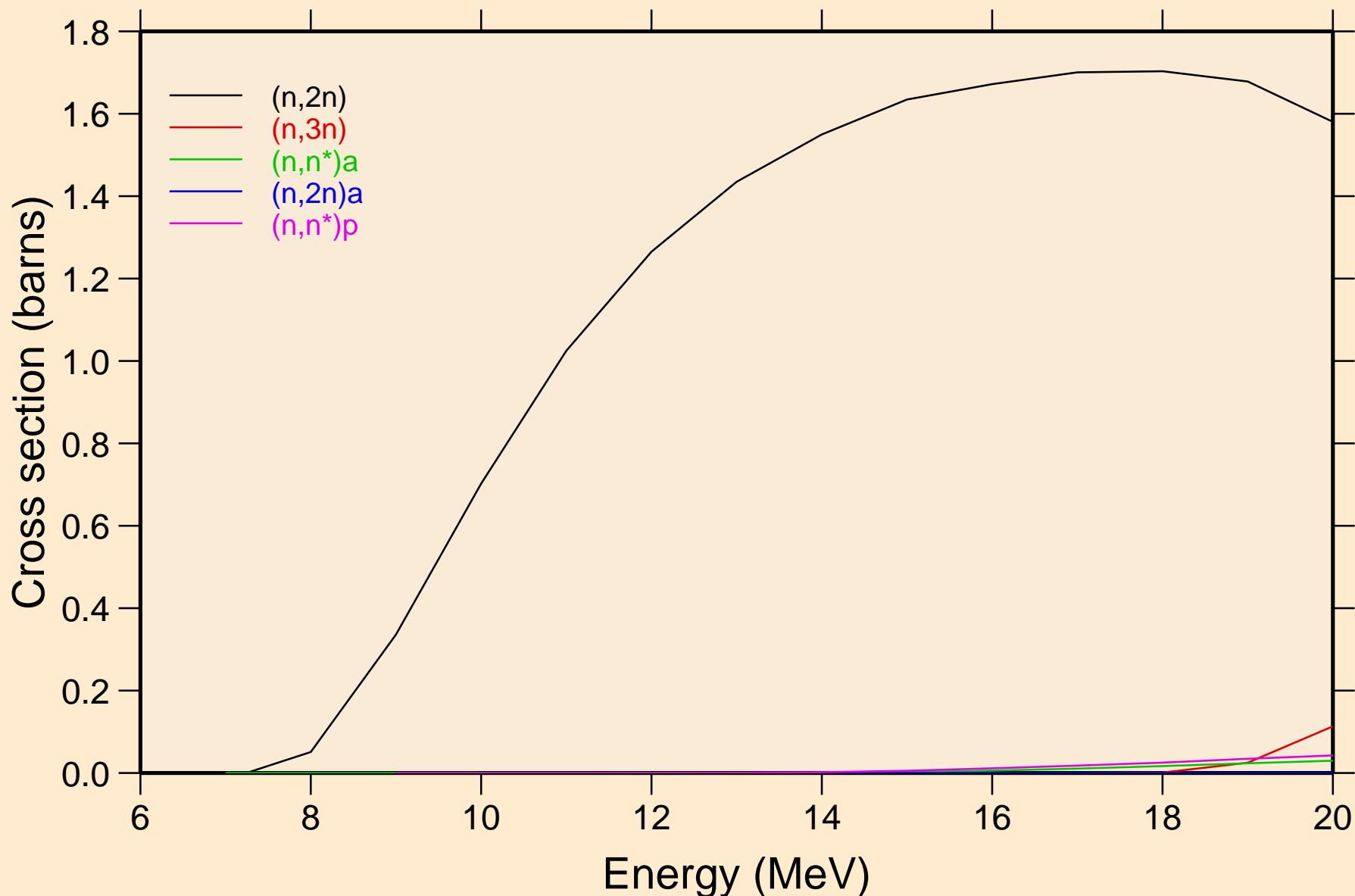
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## Inelastic levels



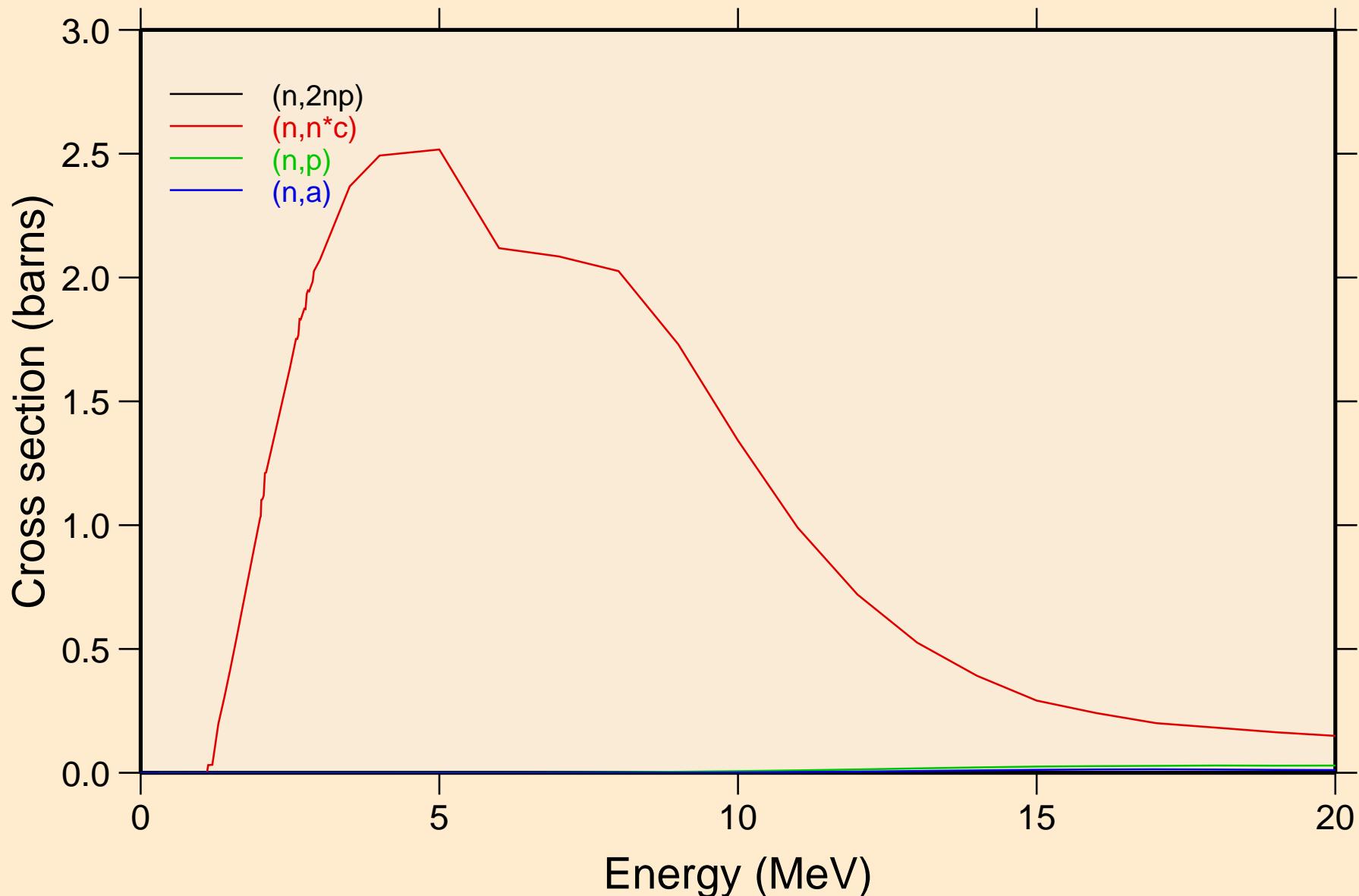
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## Threshold reactions



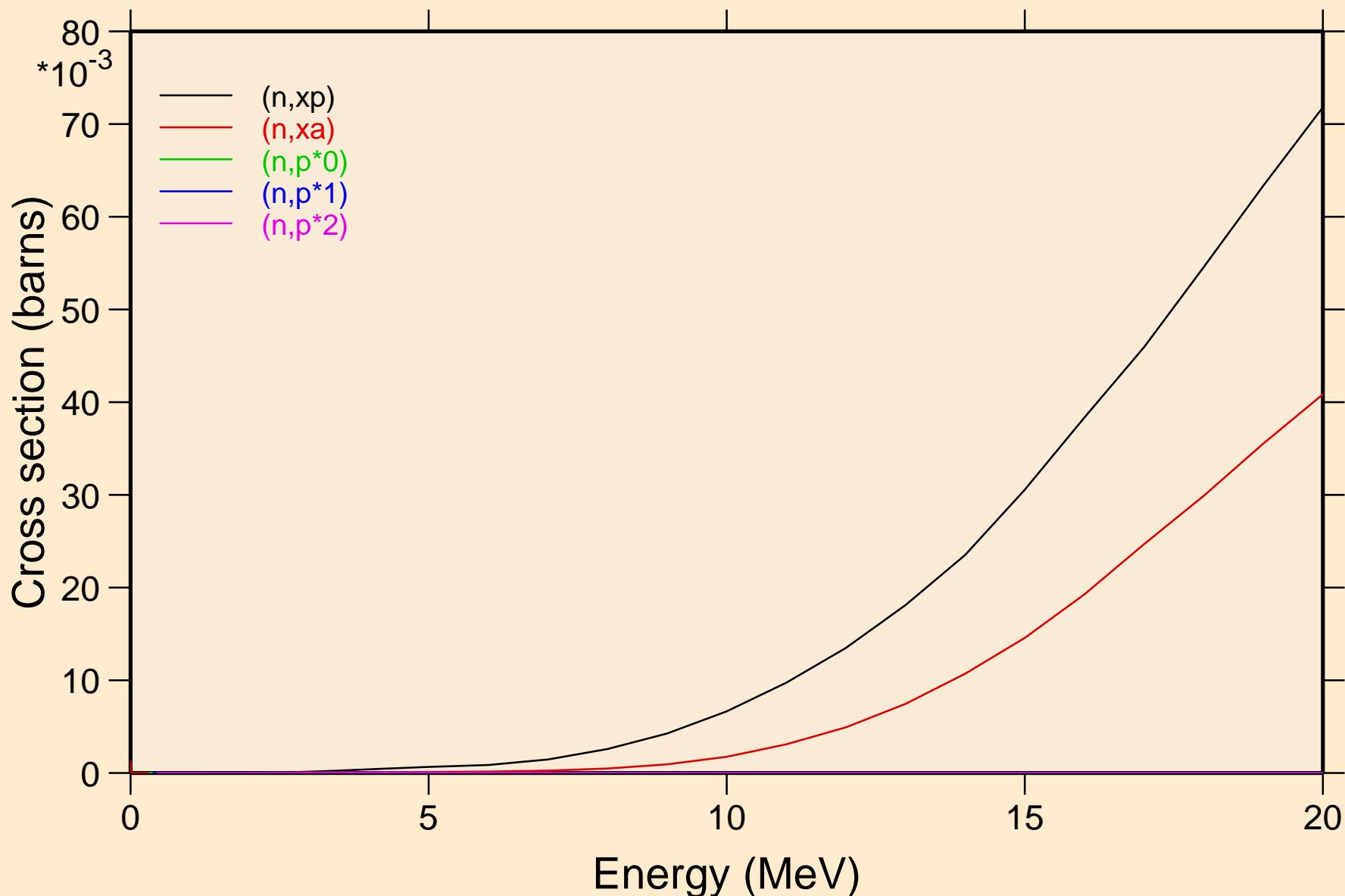
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## Threshold reactions



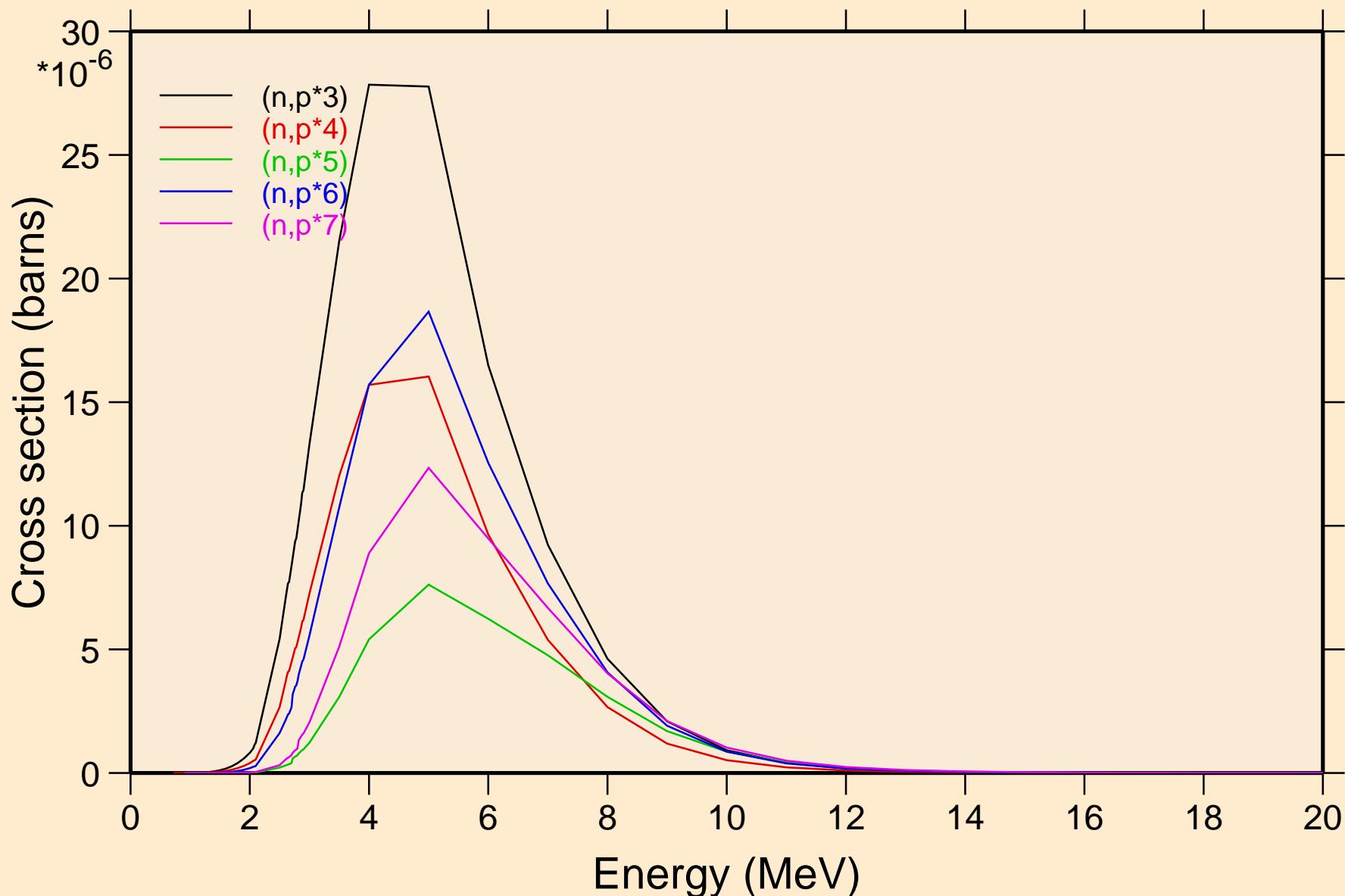
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## Threshold reactions



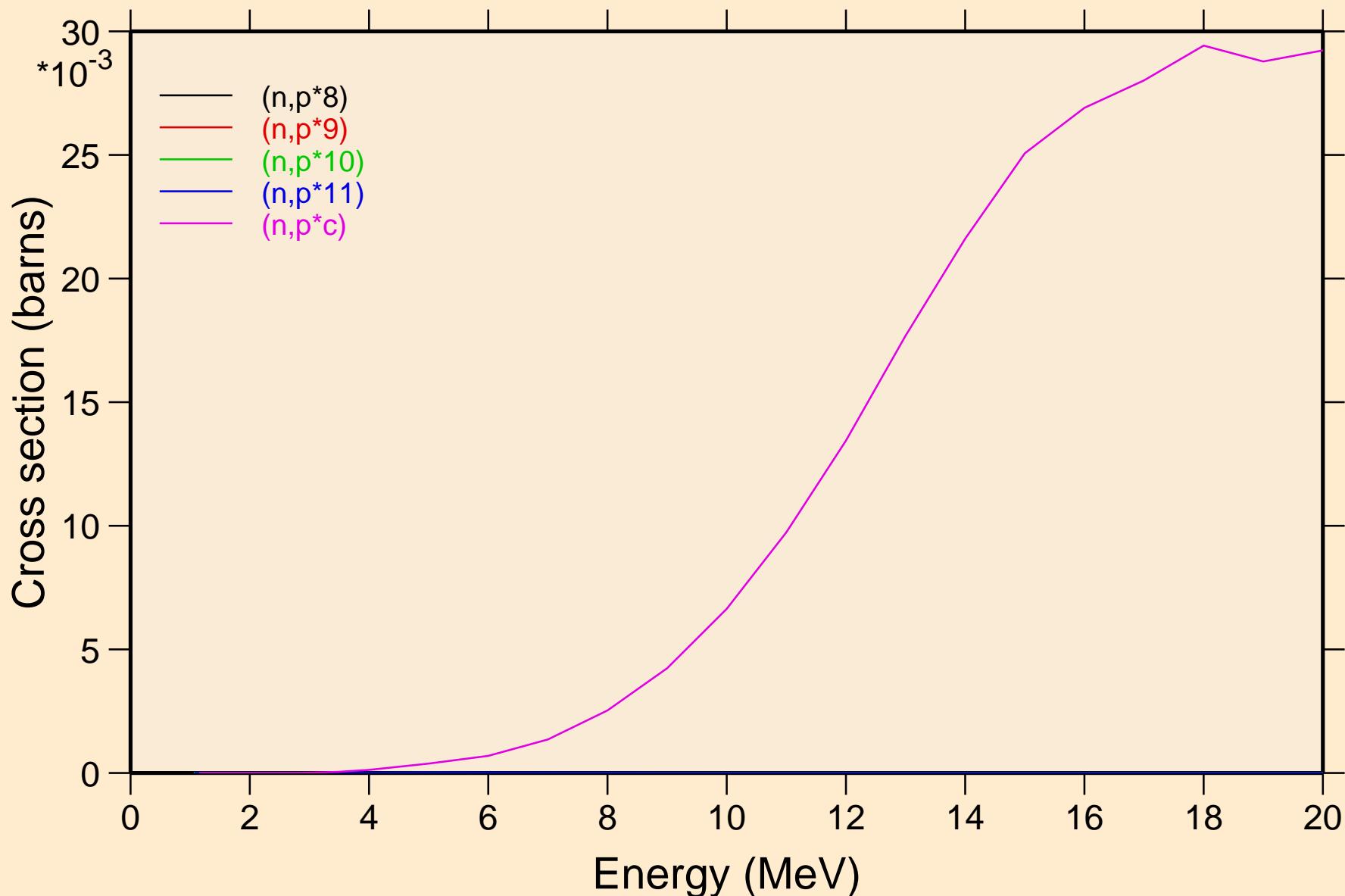
# ENDF/B-VII.1 BA-133

## Threshold reactions



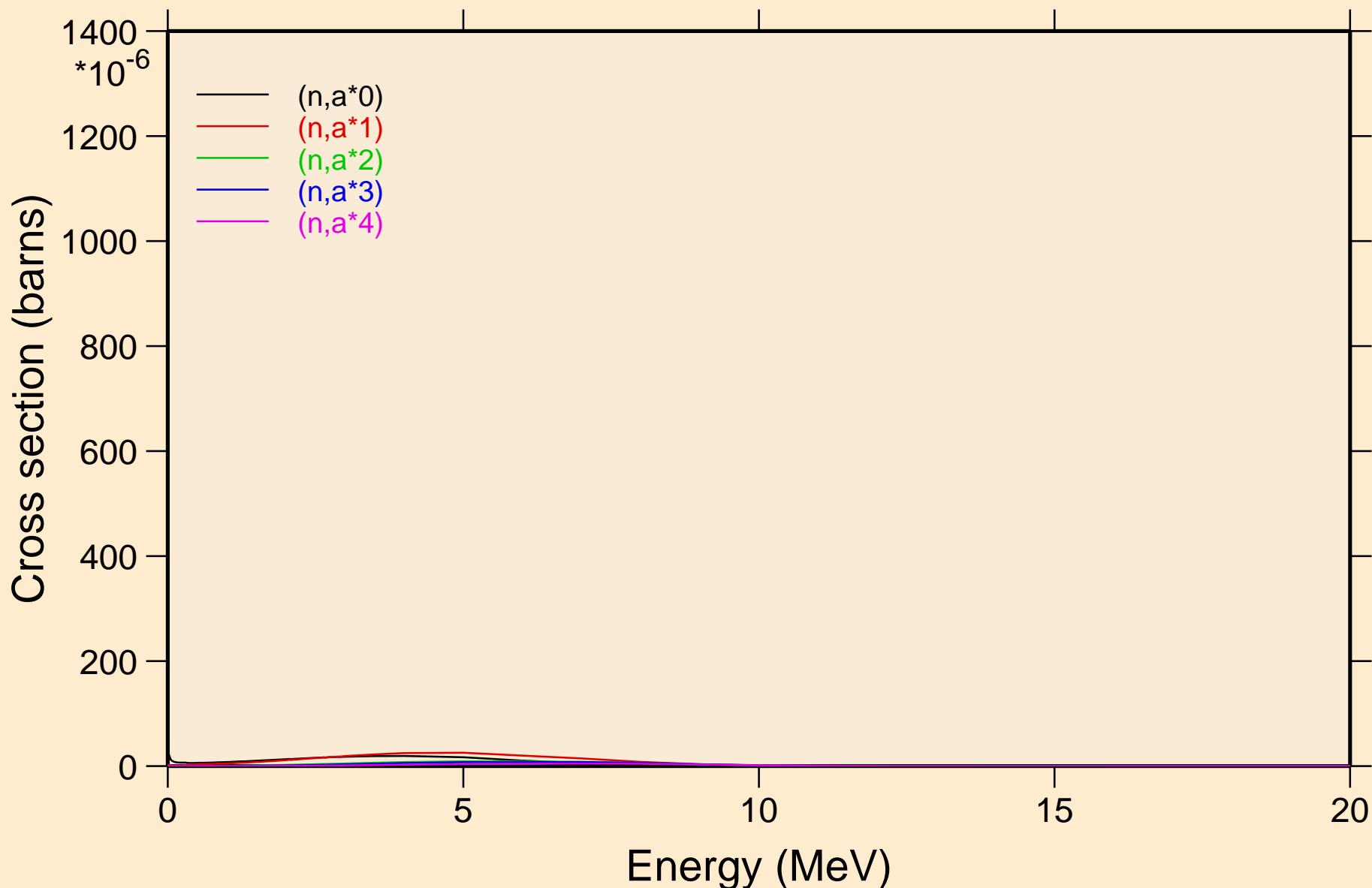
# ENDF/B-VII.1 BA-133

## Threshold reactions



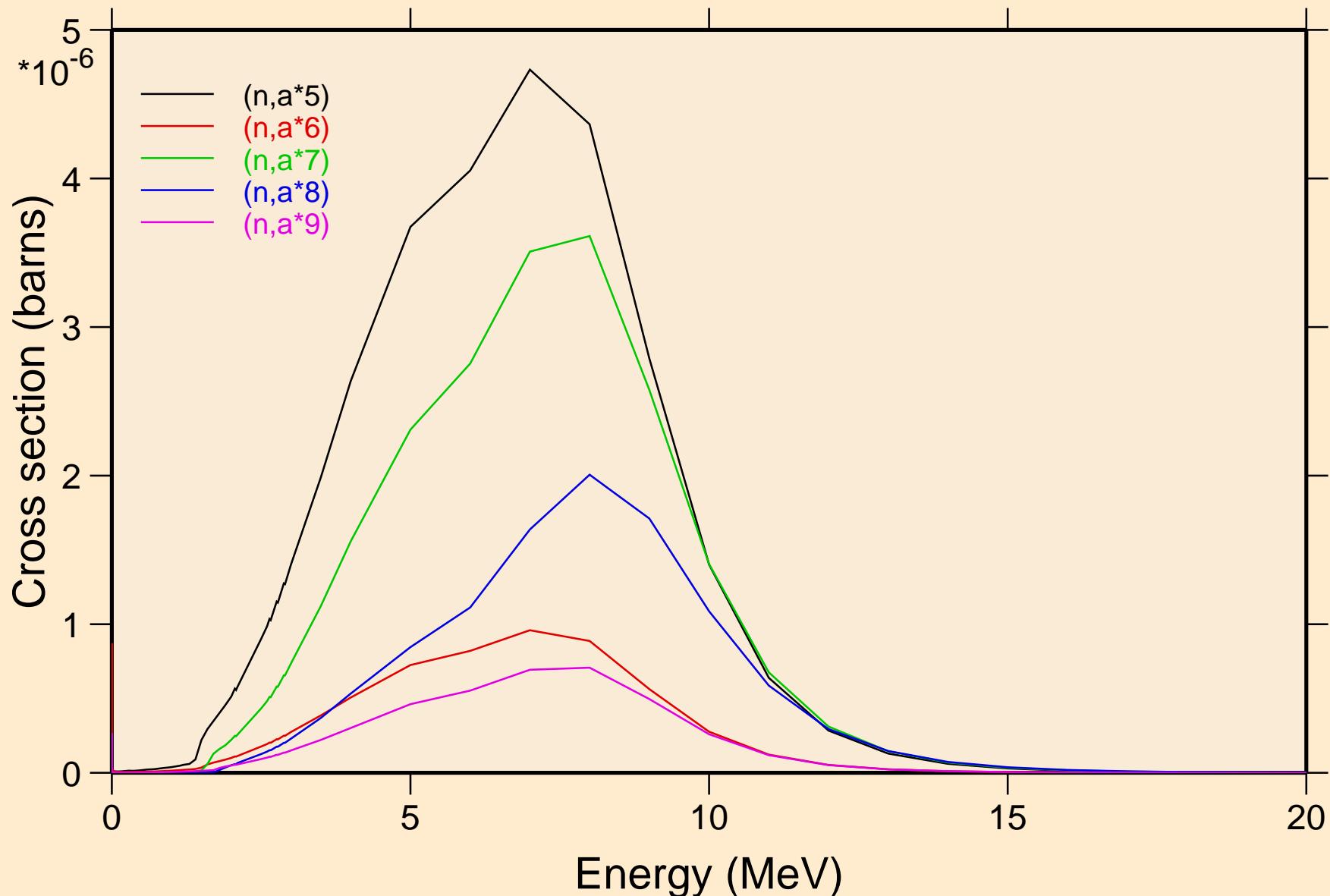
# ENDF/B-VII.1 BA-133

## Threshold reactions



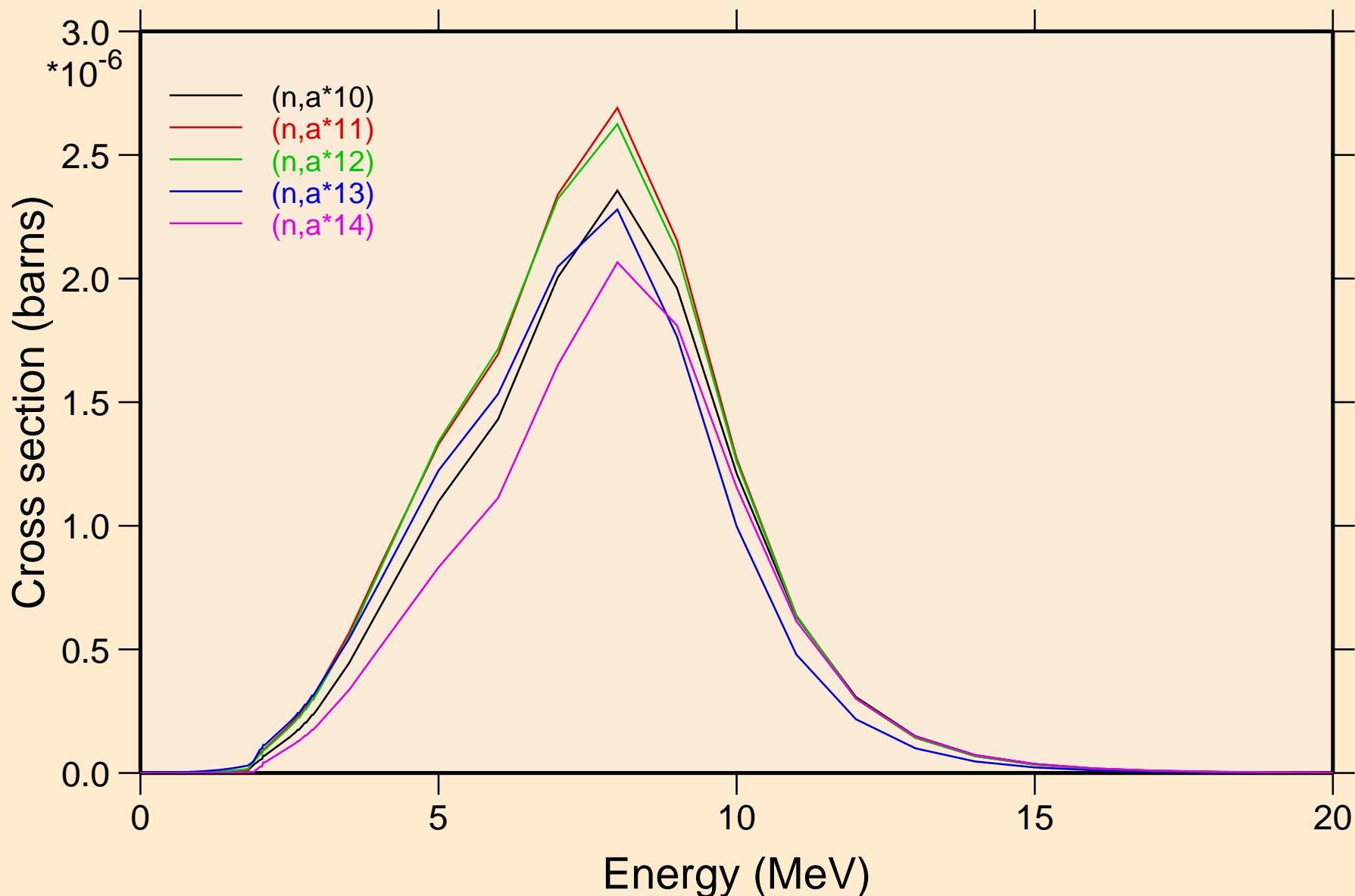
# ENDF/B-VII.1 BA-133

## Threshold reactions

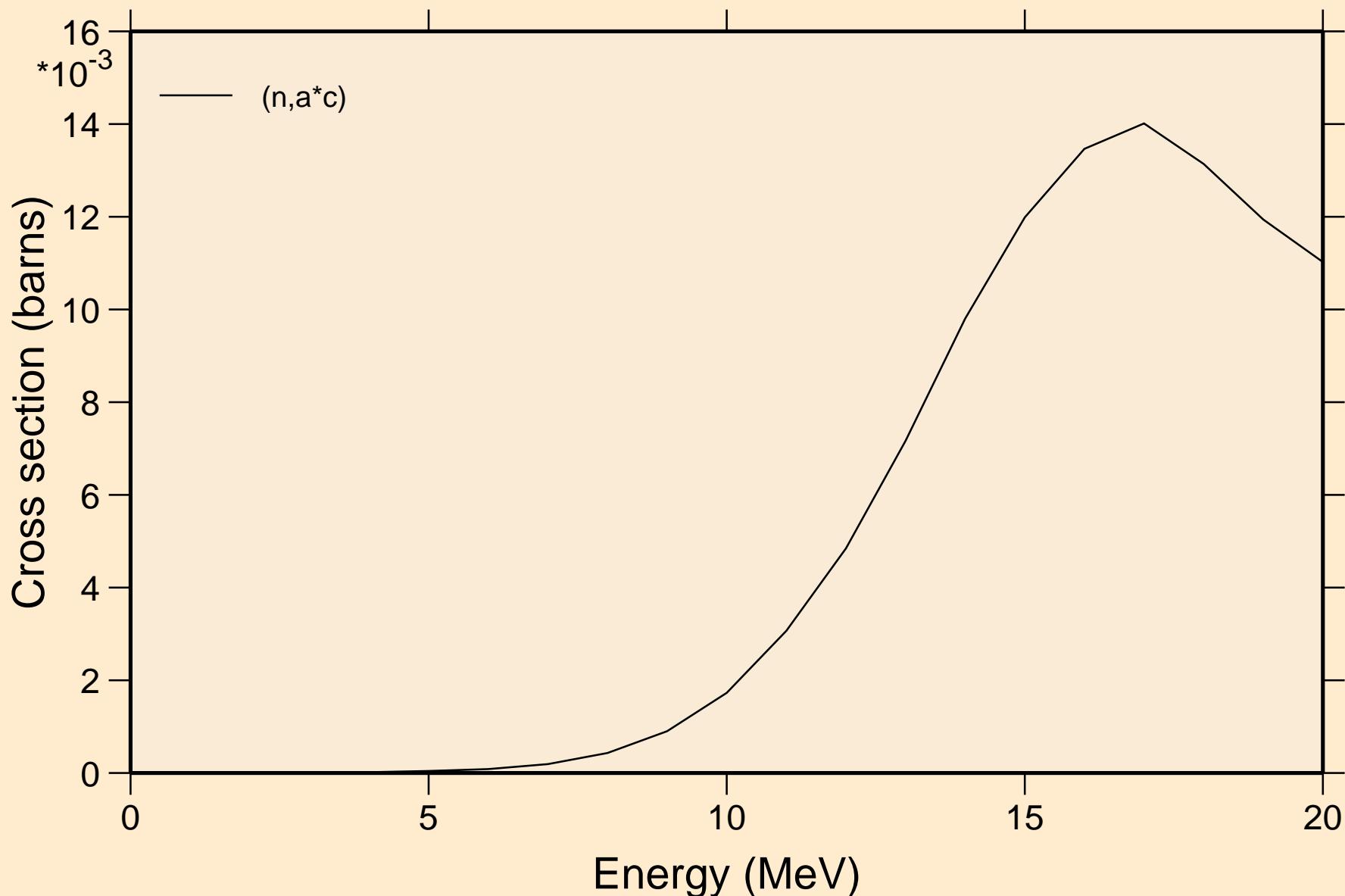


# ENDF/B-VII.1 BA-133

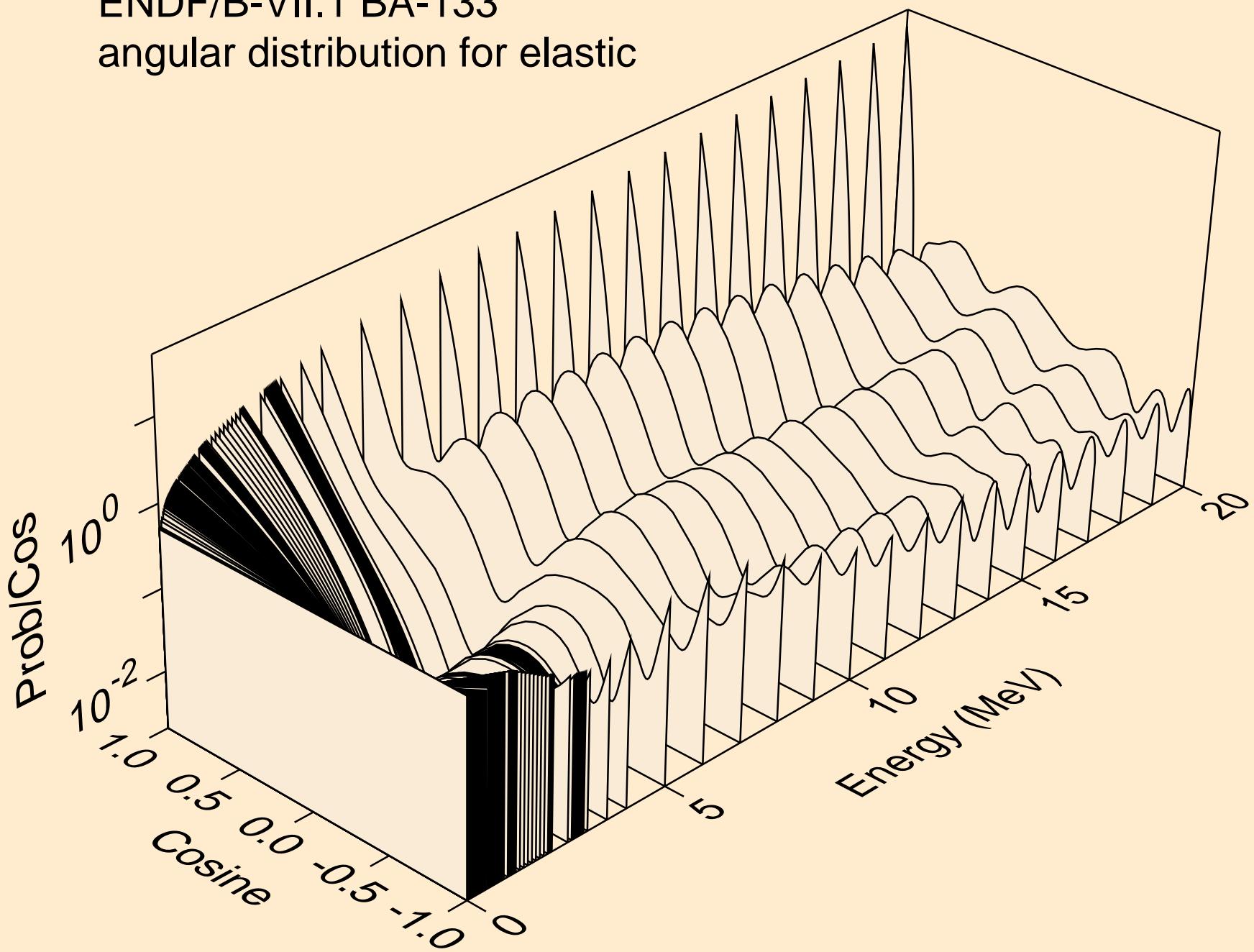
## Threshold reactions



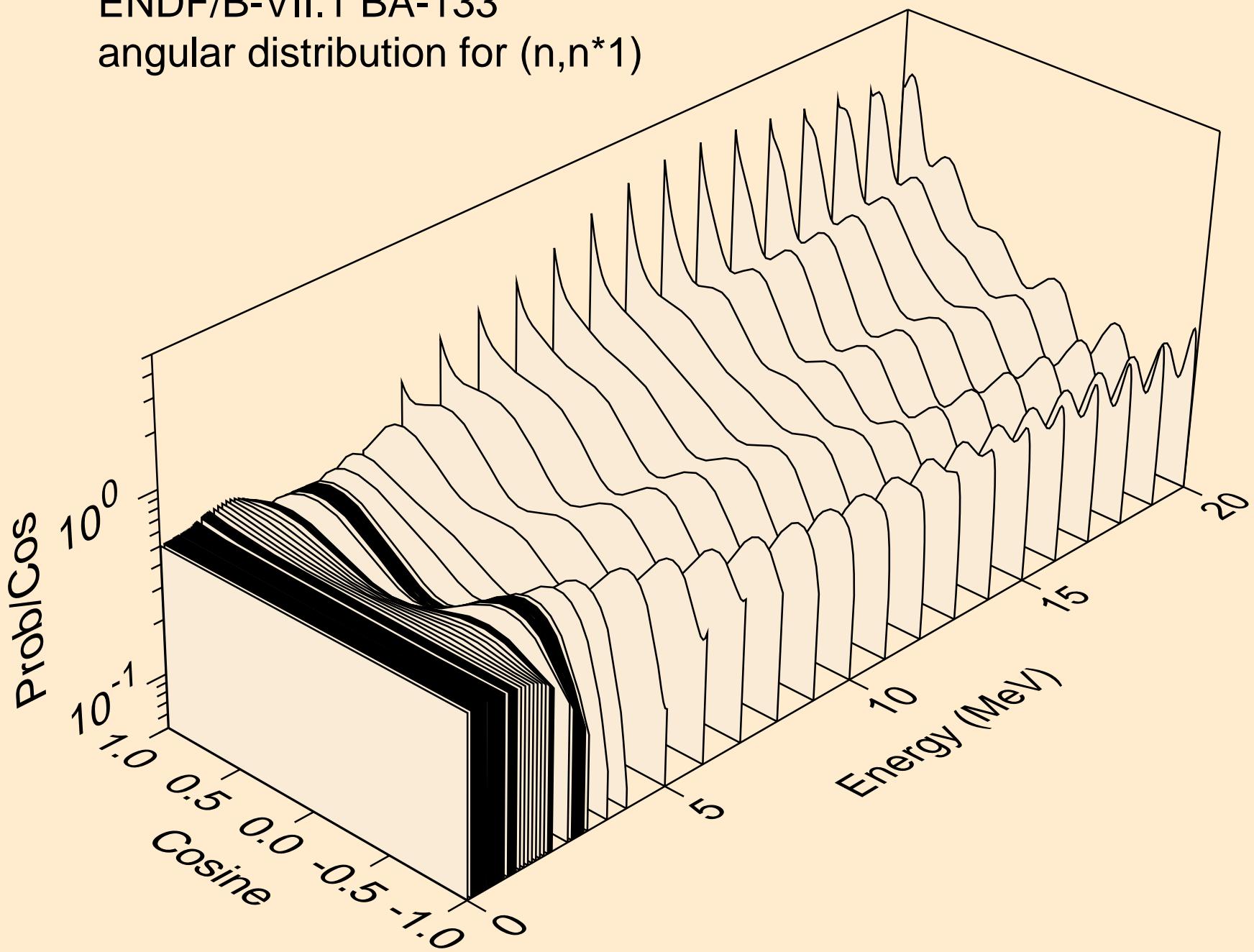
ENDF/B-VII.1 BA-133  
Threshold reactions



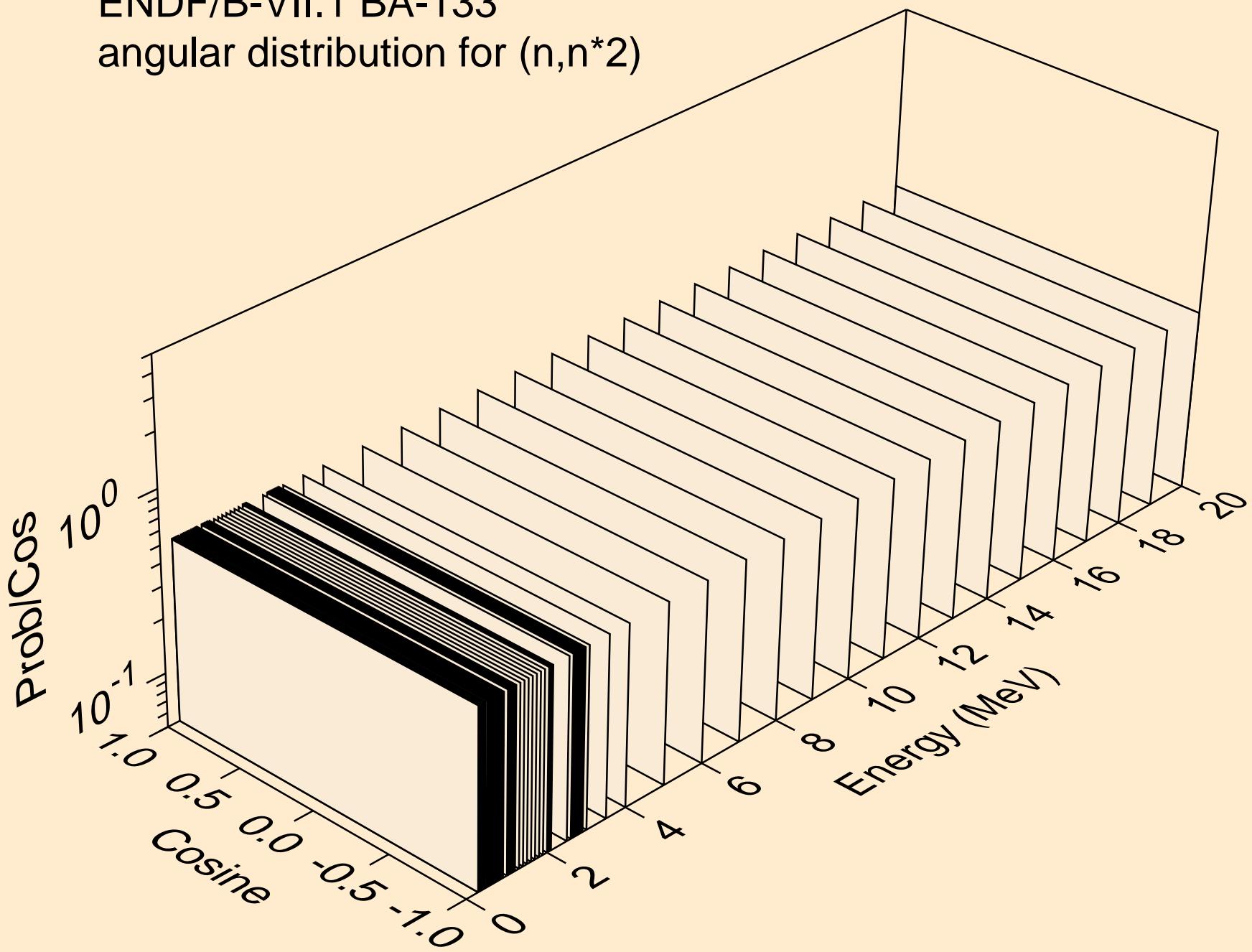
ENDF/B-VII.1 BA-133  
angular distribution for elastic



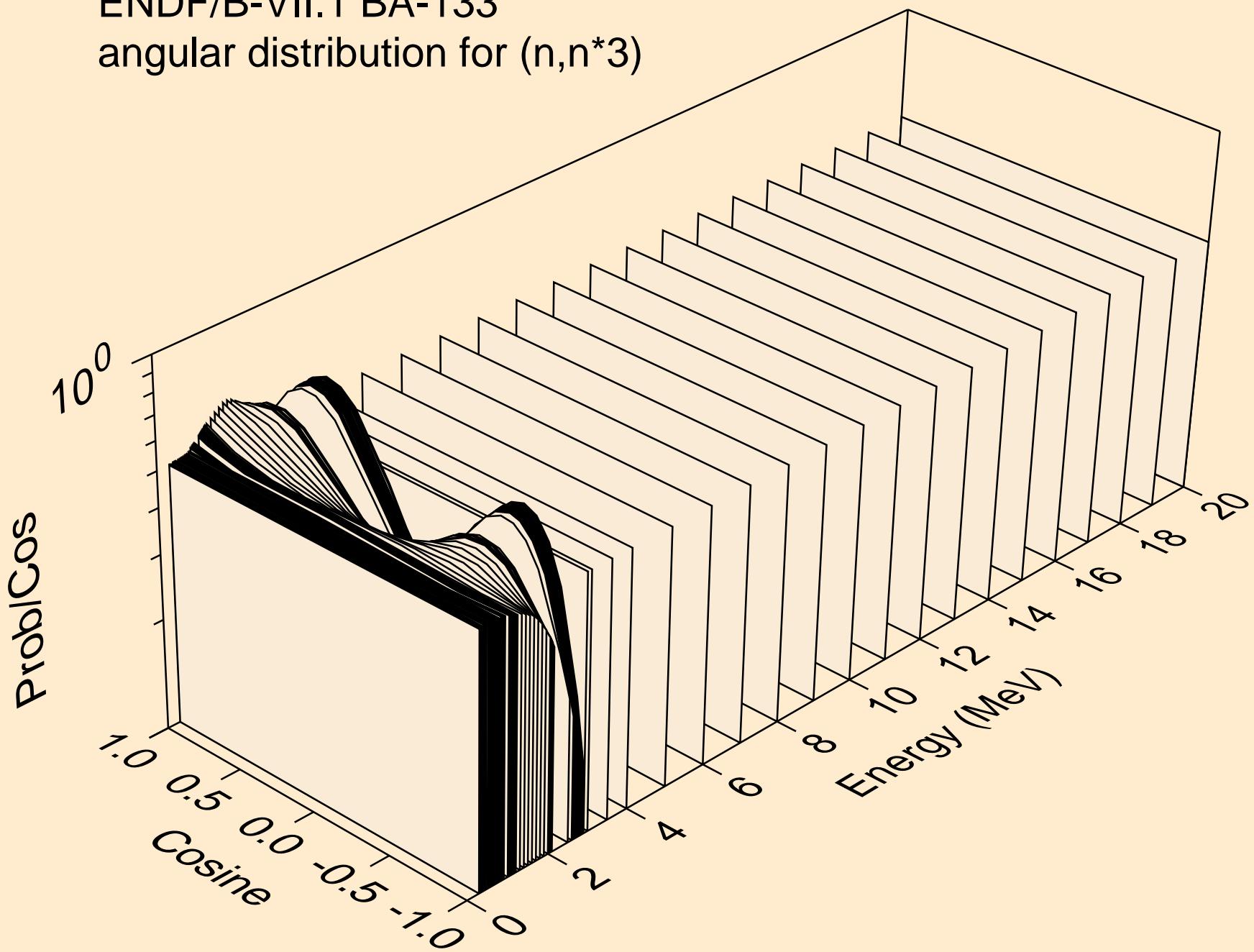
ENDF/B-VII.1 BA-133  
angular distribution for (n,n\*1)



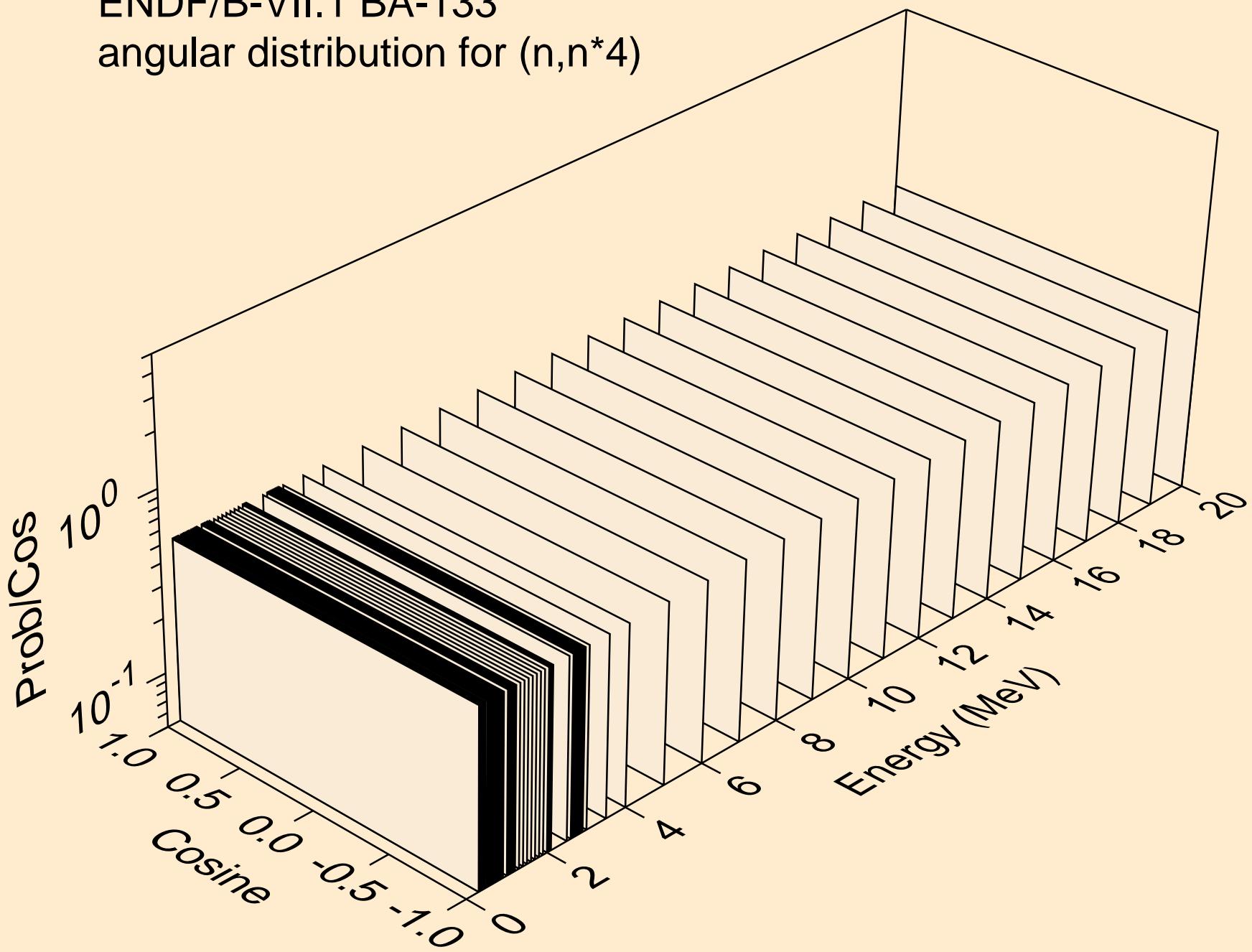
ENDF/B-VII.1 BA-133  
angular distribution for  $(n,n^2)$



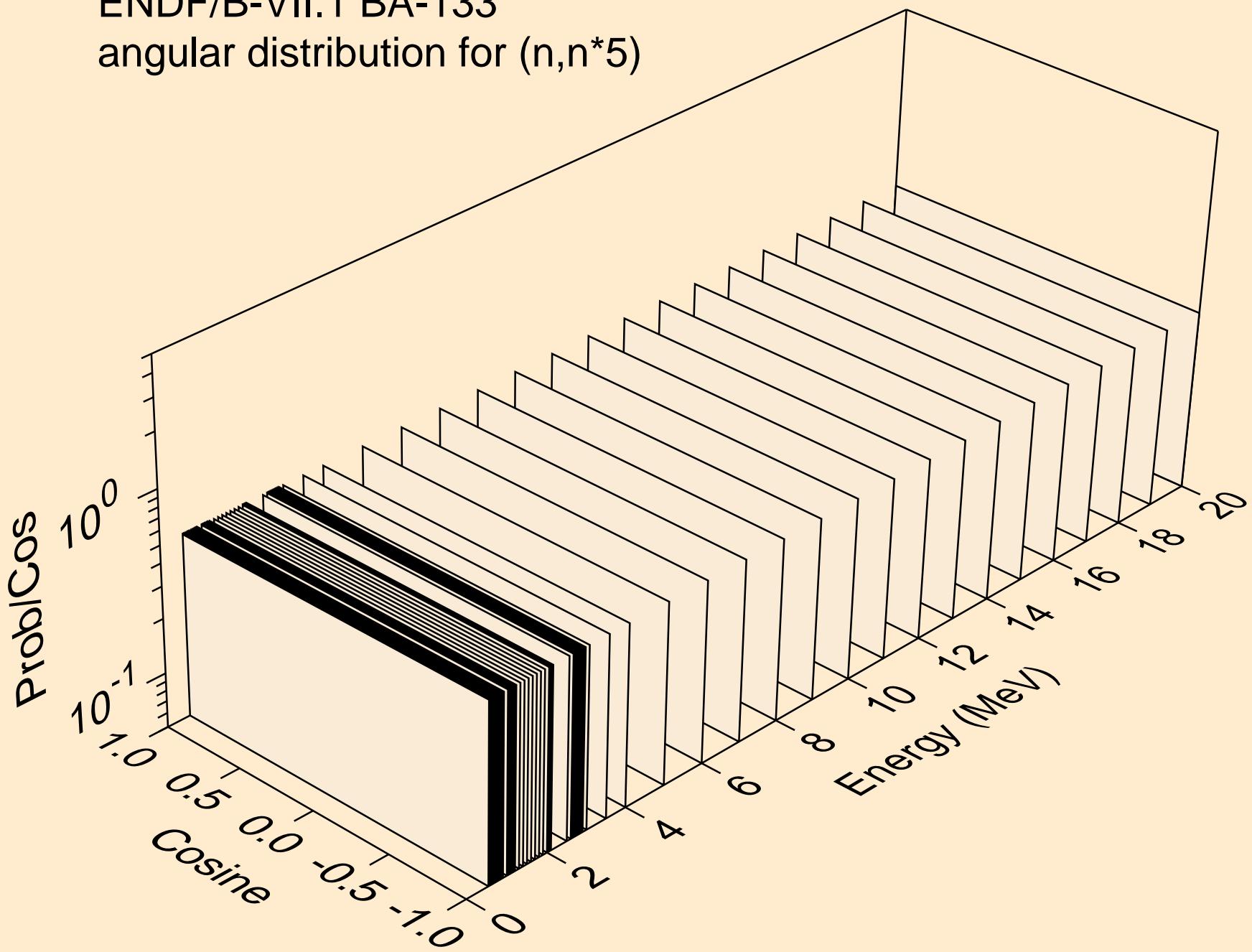
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angular distribution for  $(n,n^*3)$



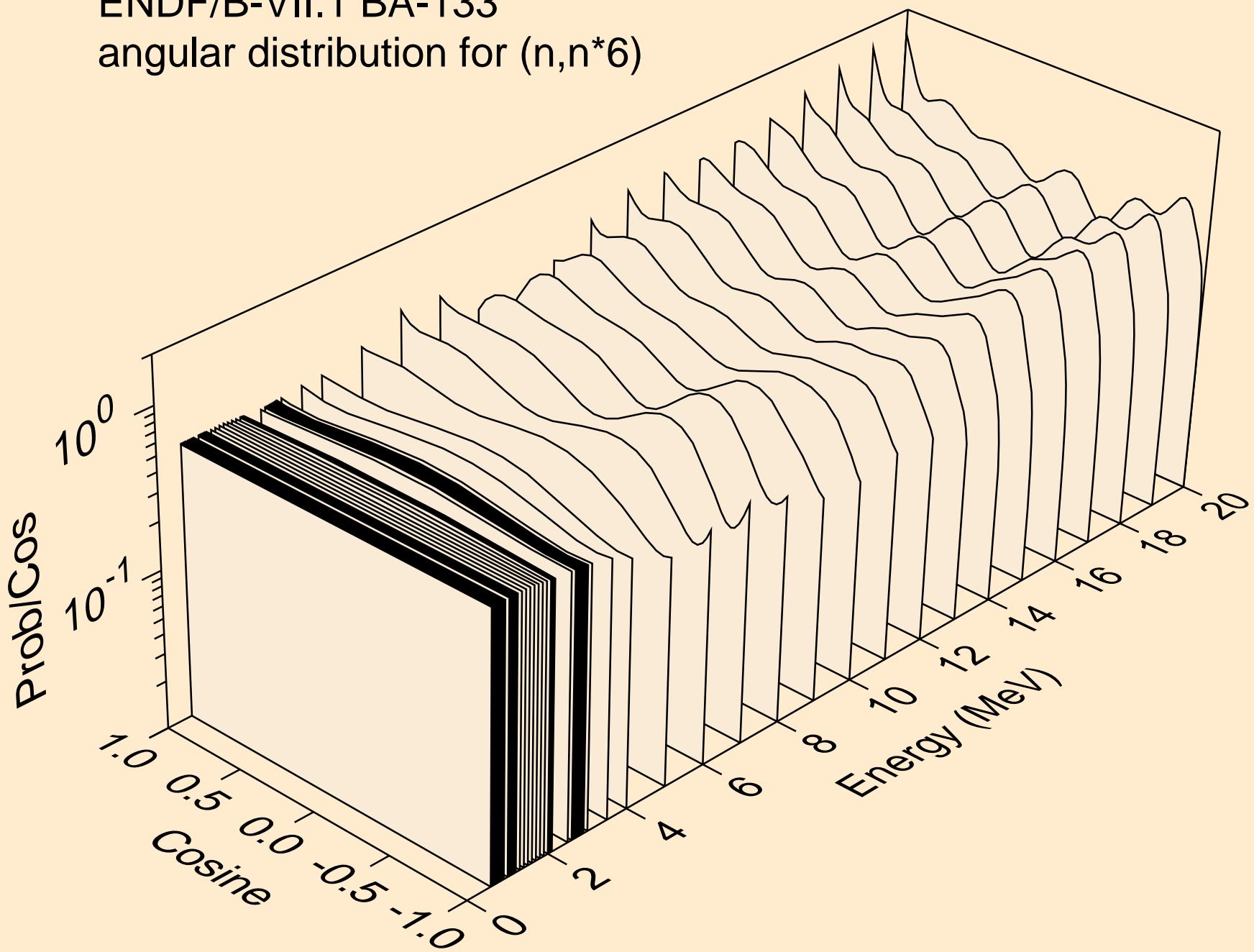
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angular distribution for  $(n,n^*4)$



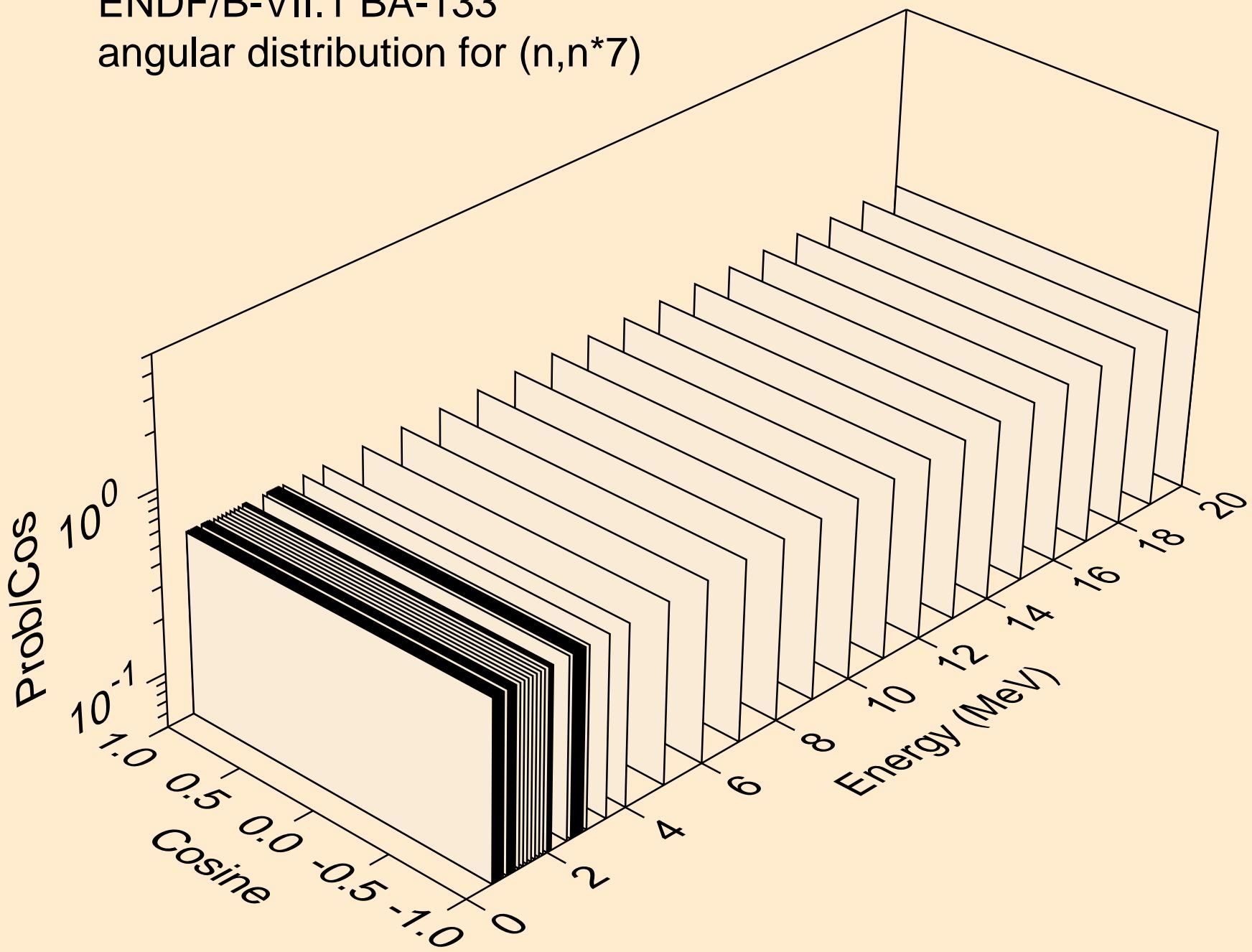
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angular distribution for (n,n\*5)



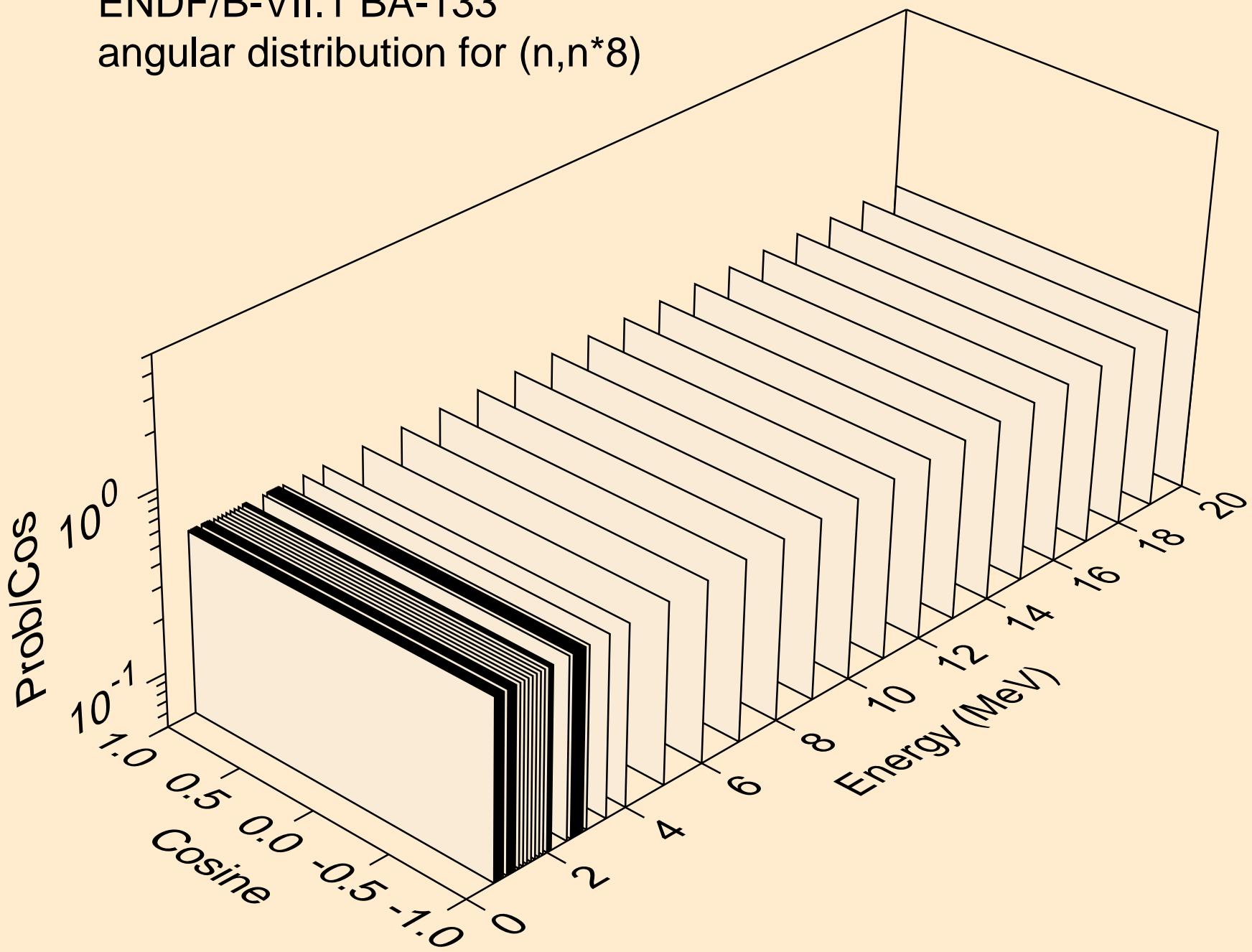
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angular distribution for  $(n,n^*6)$



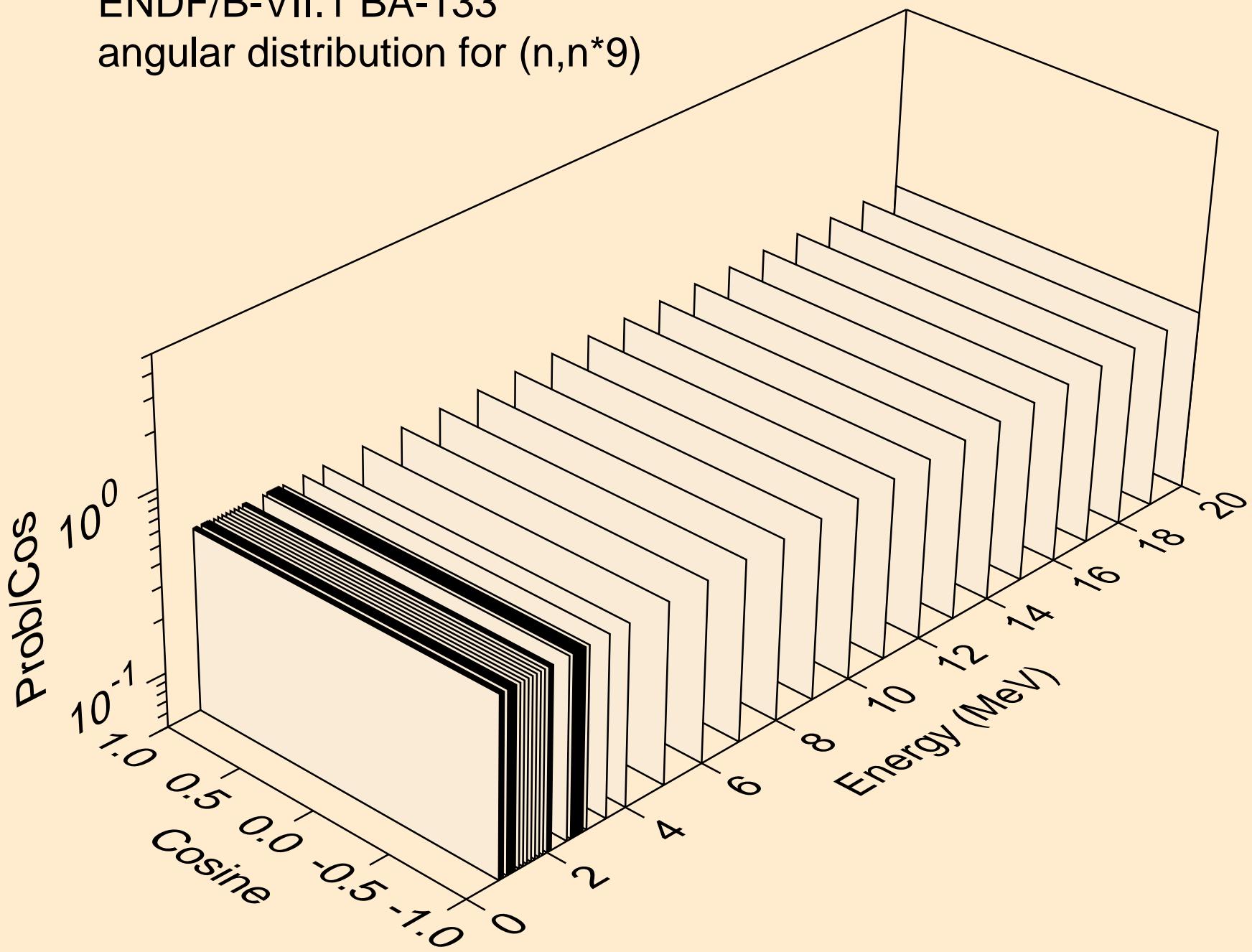
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angular distribution for  $(n,n^*7)$



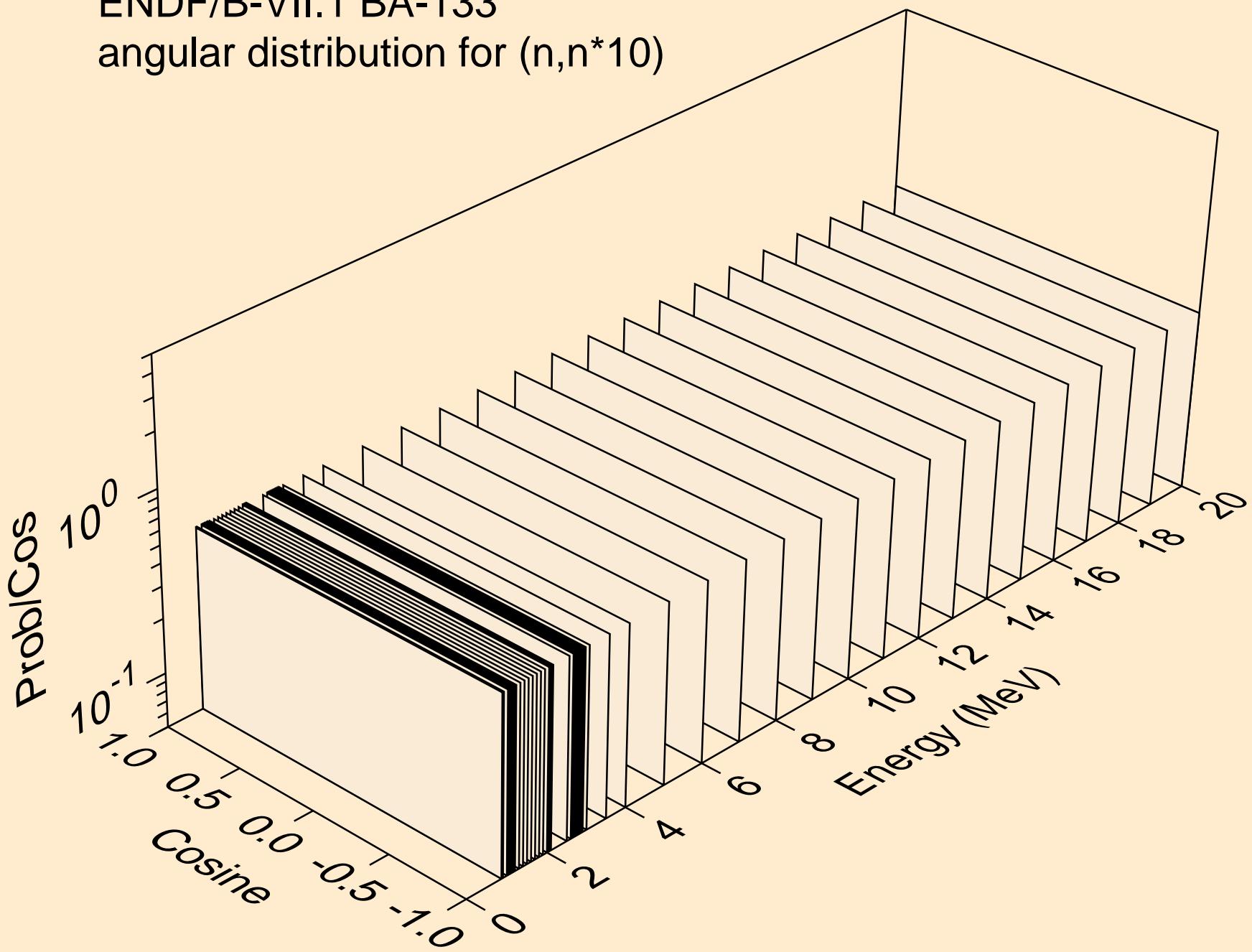
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angular distribution for  $(n,n^*8)$



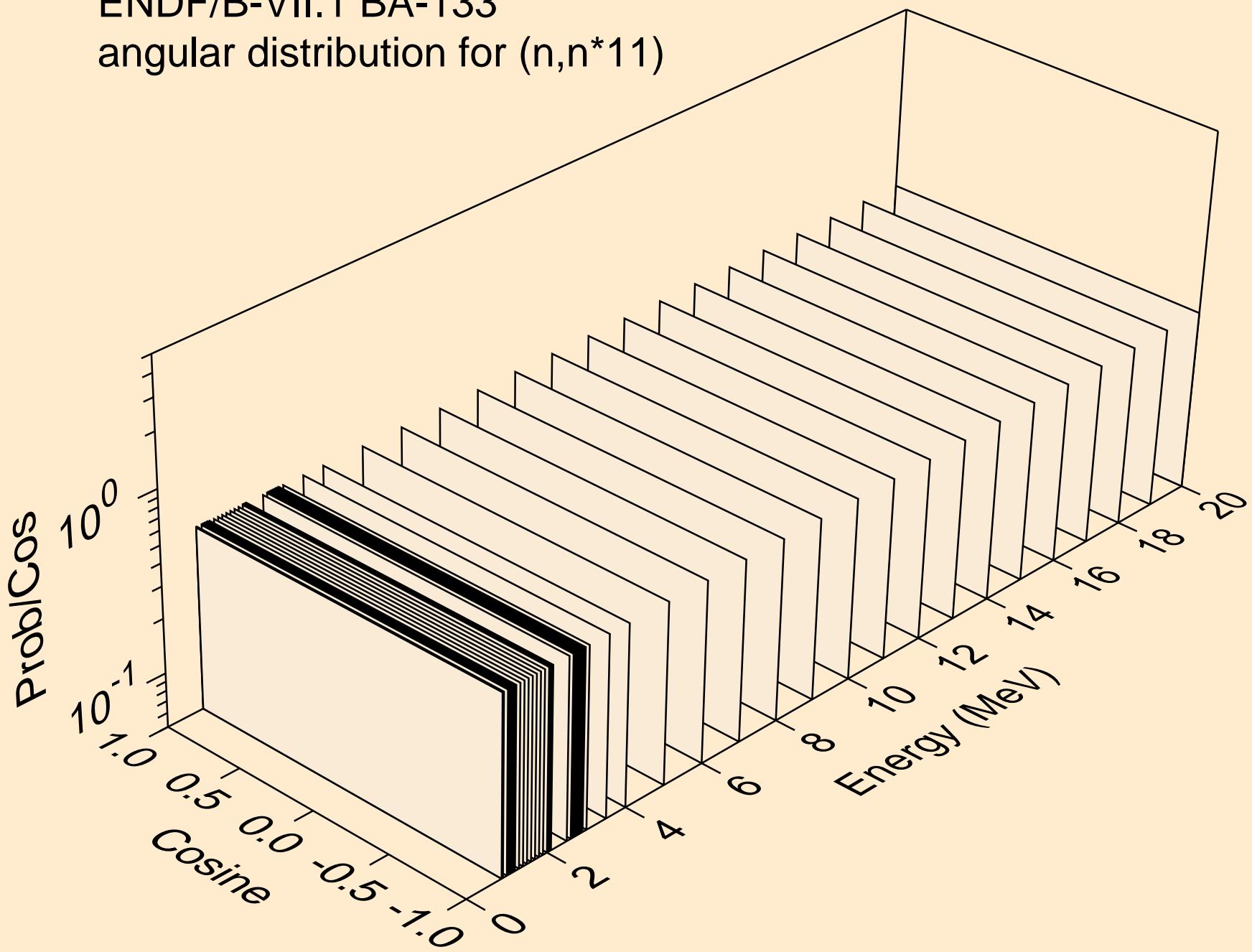
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angular distribution for  $(n,n^*9)$



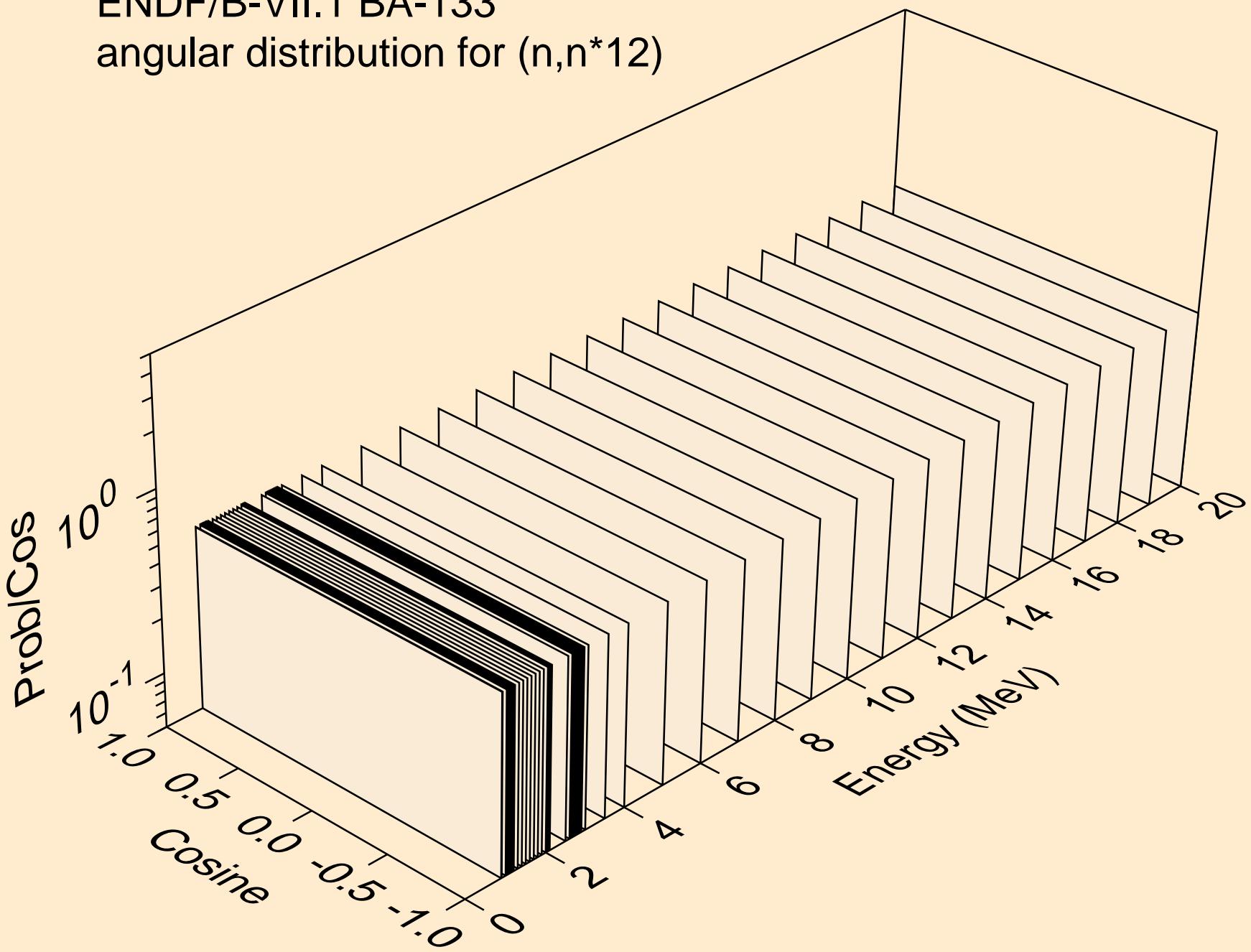
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angular distribution for (n,n\*10)



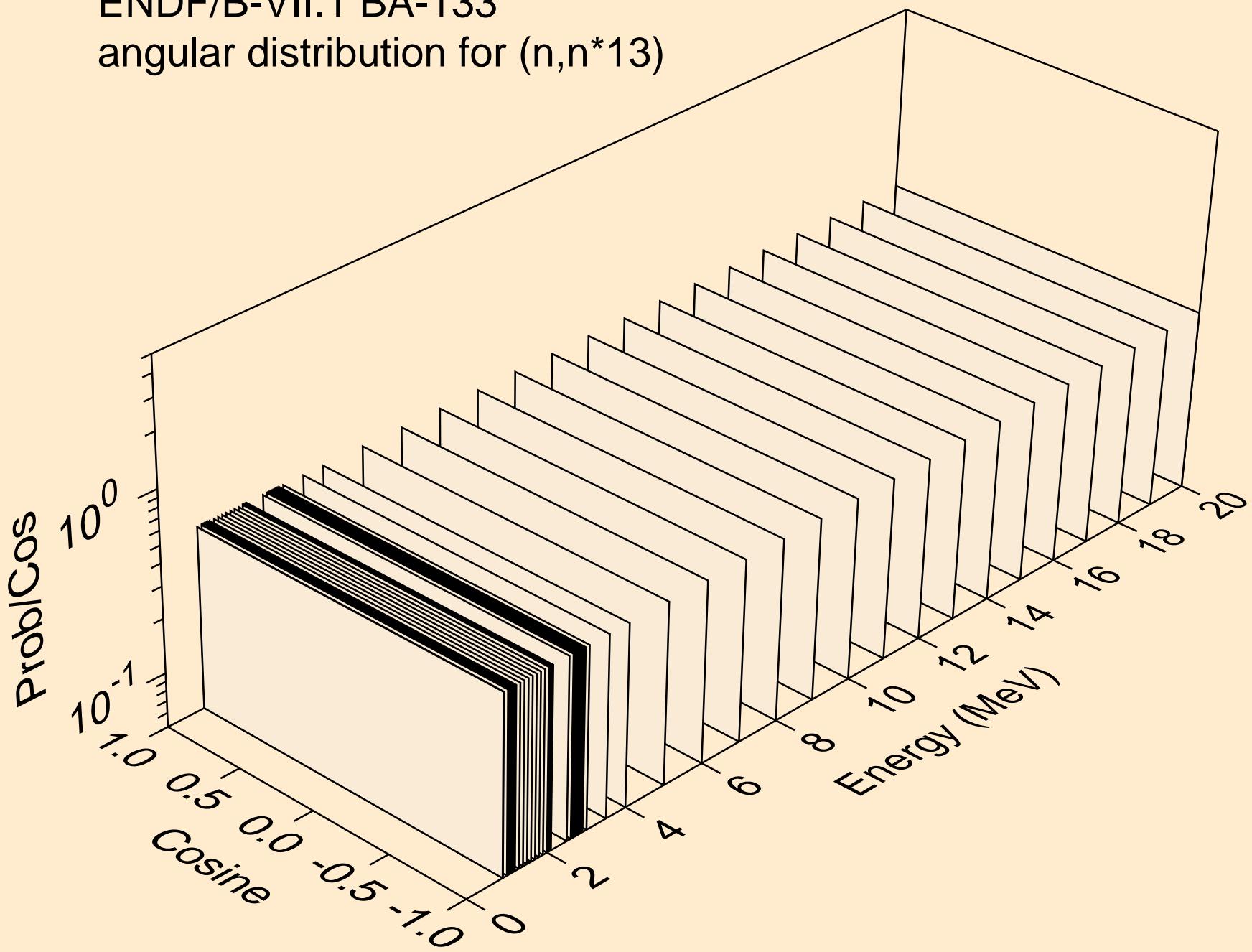
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angular distribution for (n,n\*11)



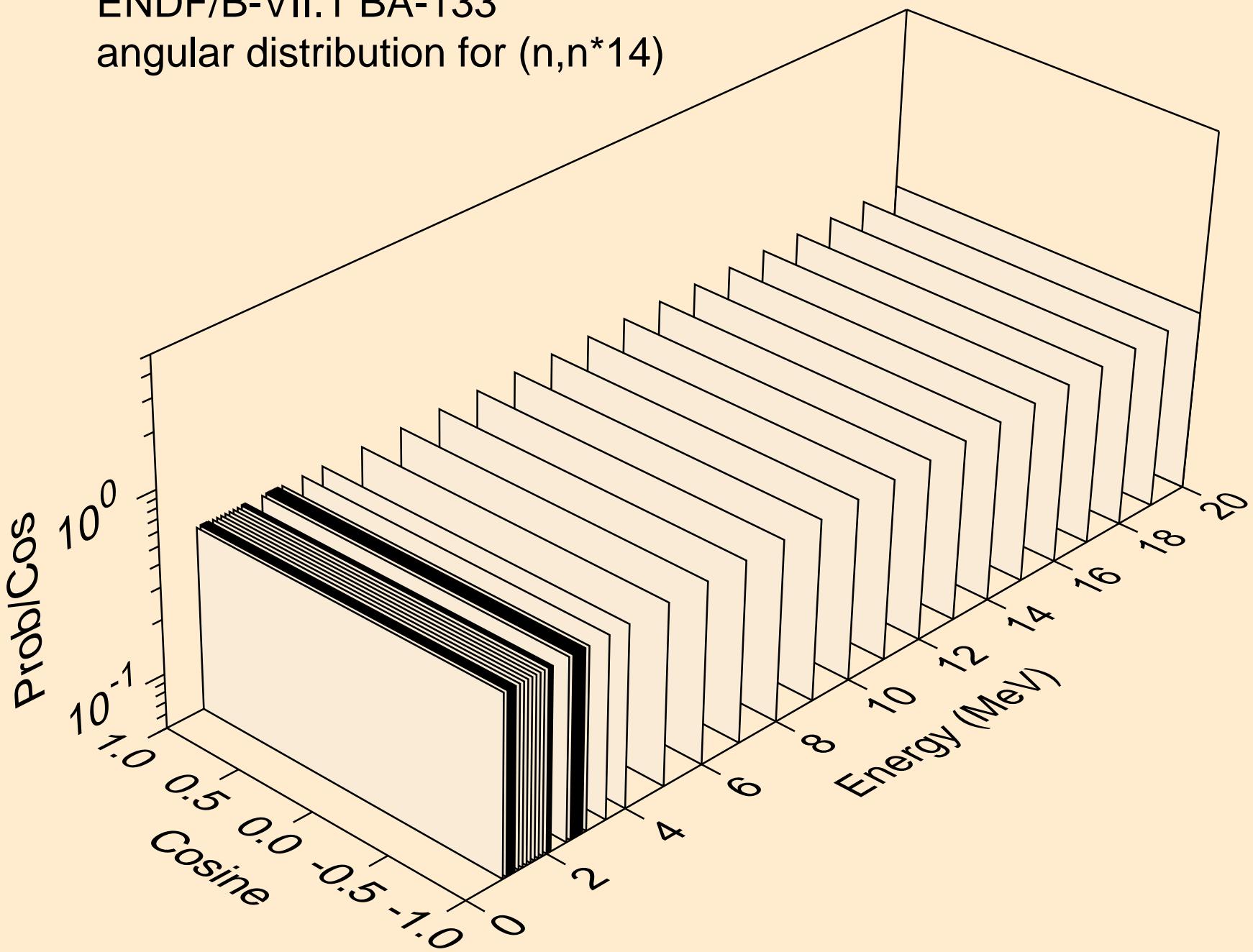
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angular distribution for (n,n\*12)



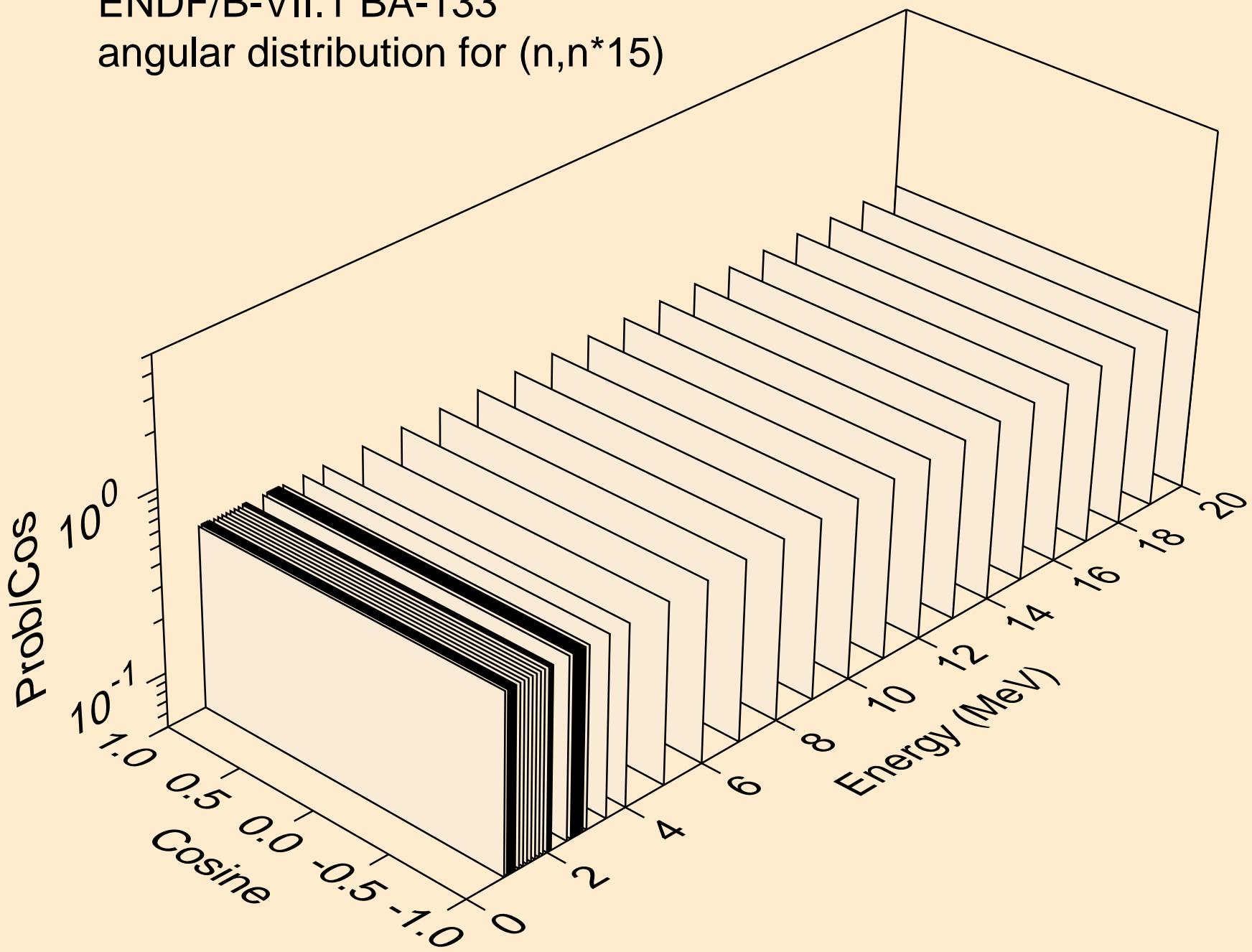
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angular distribution for (n,n\*13)



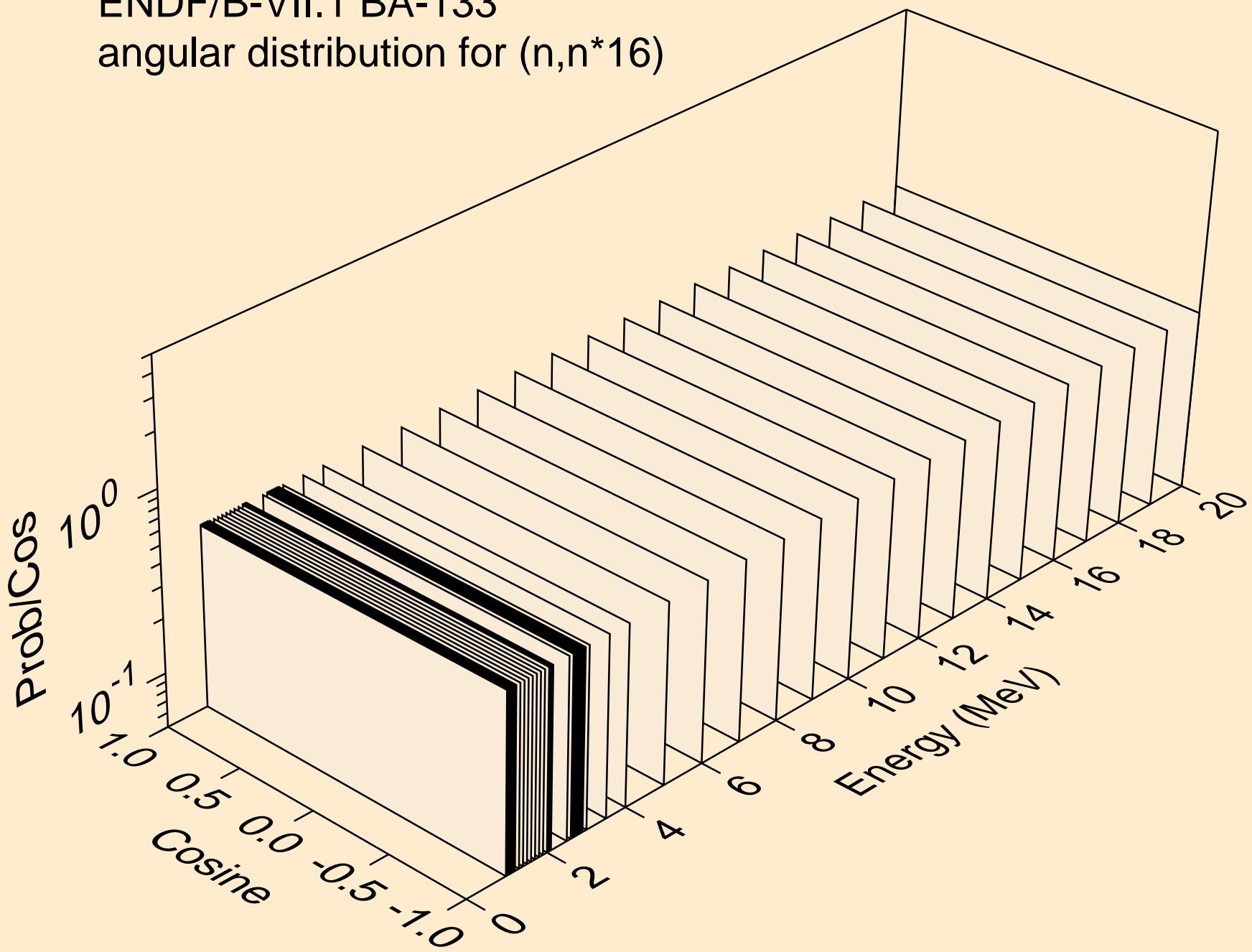
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angular distribution for (n,n\*14)



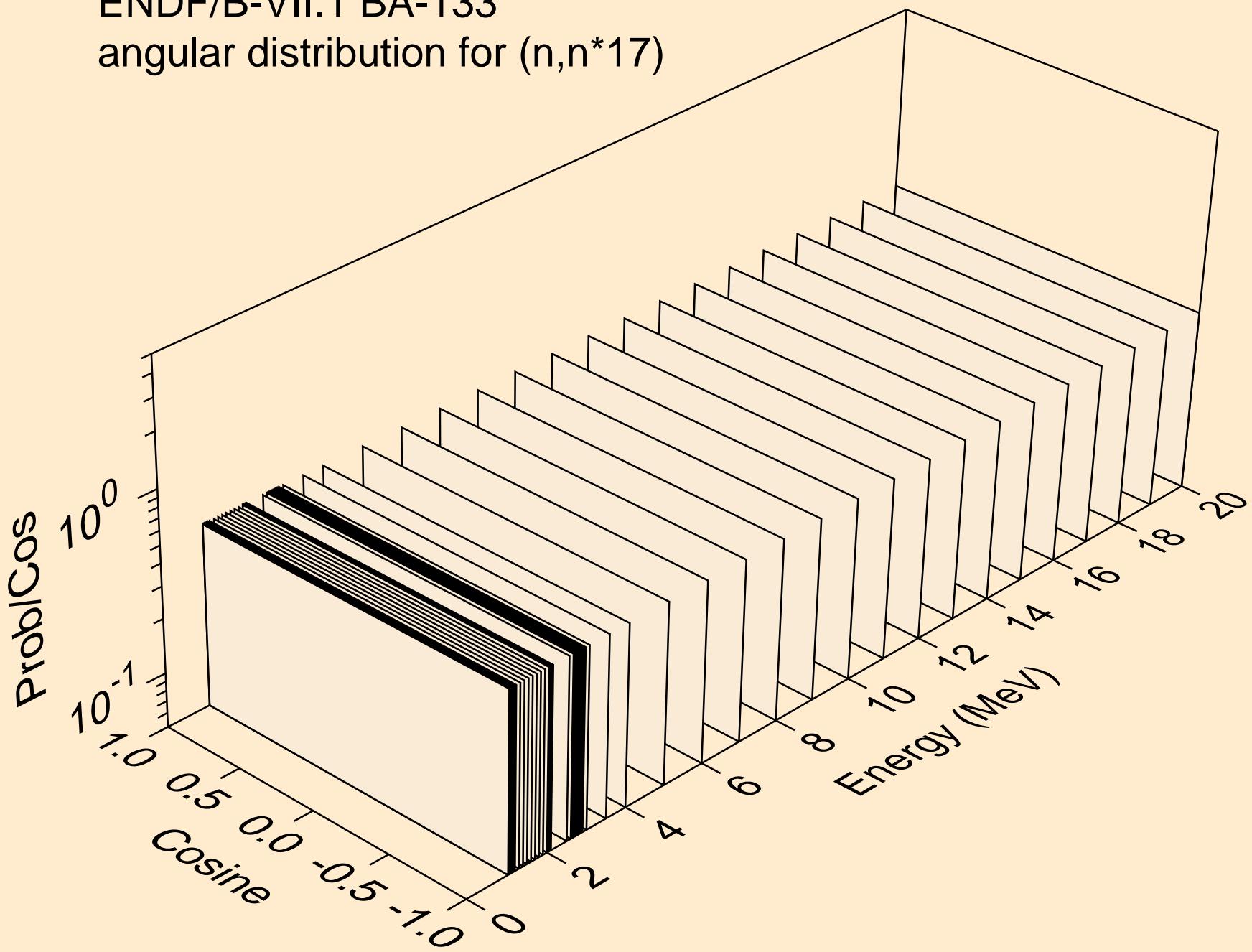
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angular distribution for  $(n,n^*15)$



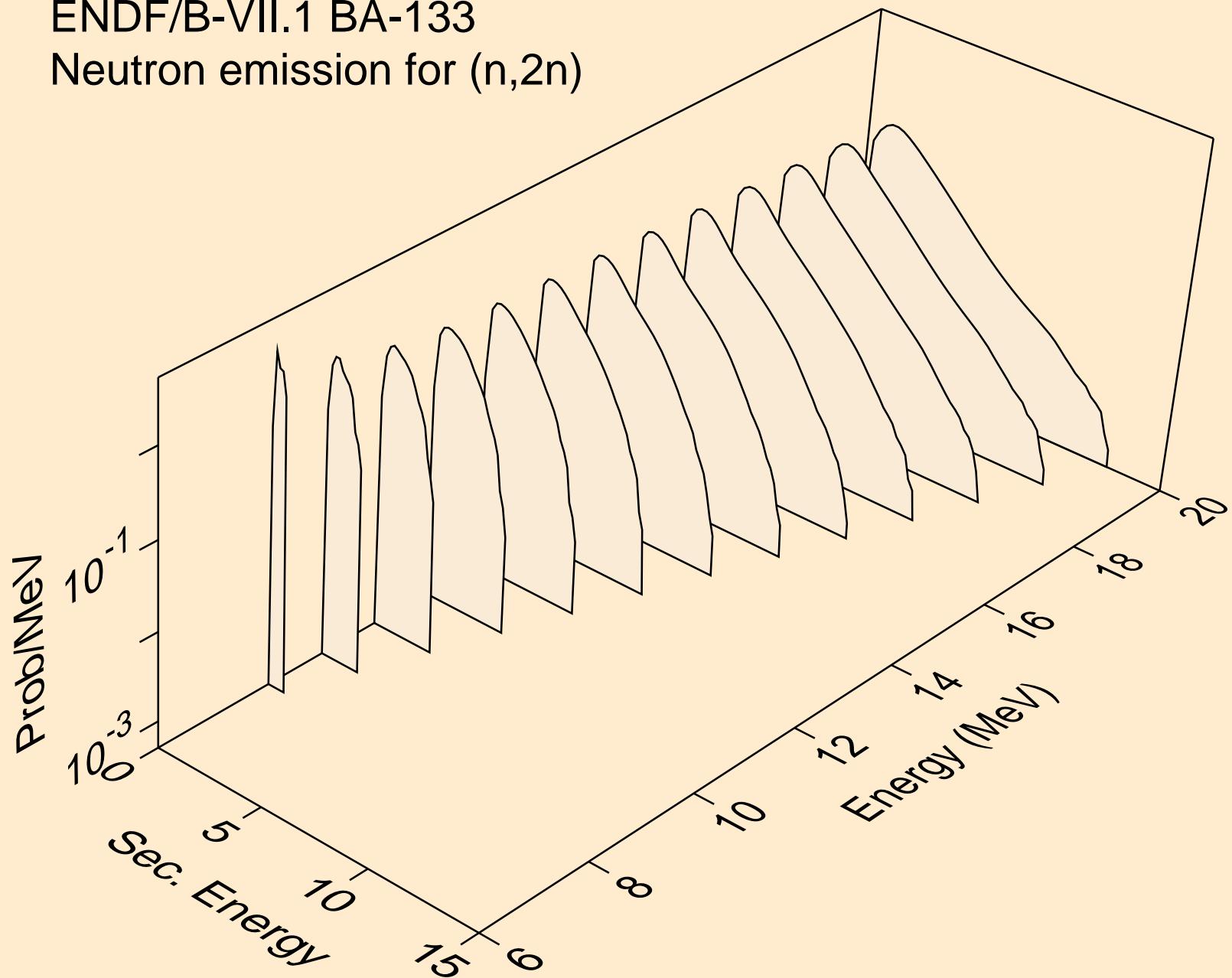
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angular distribution for (n,n\*16)



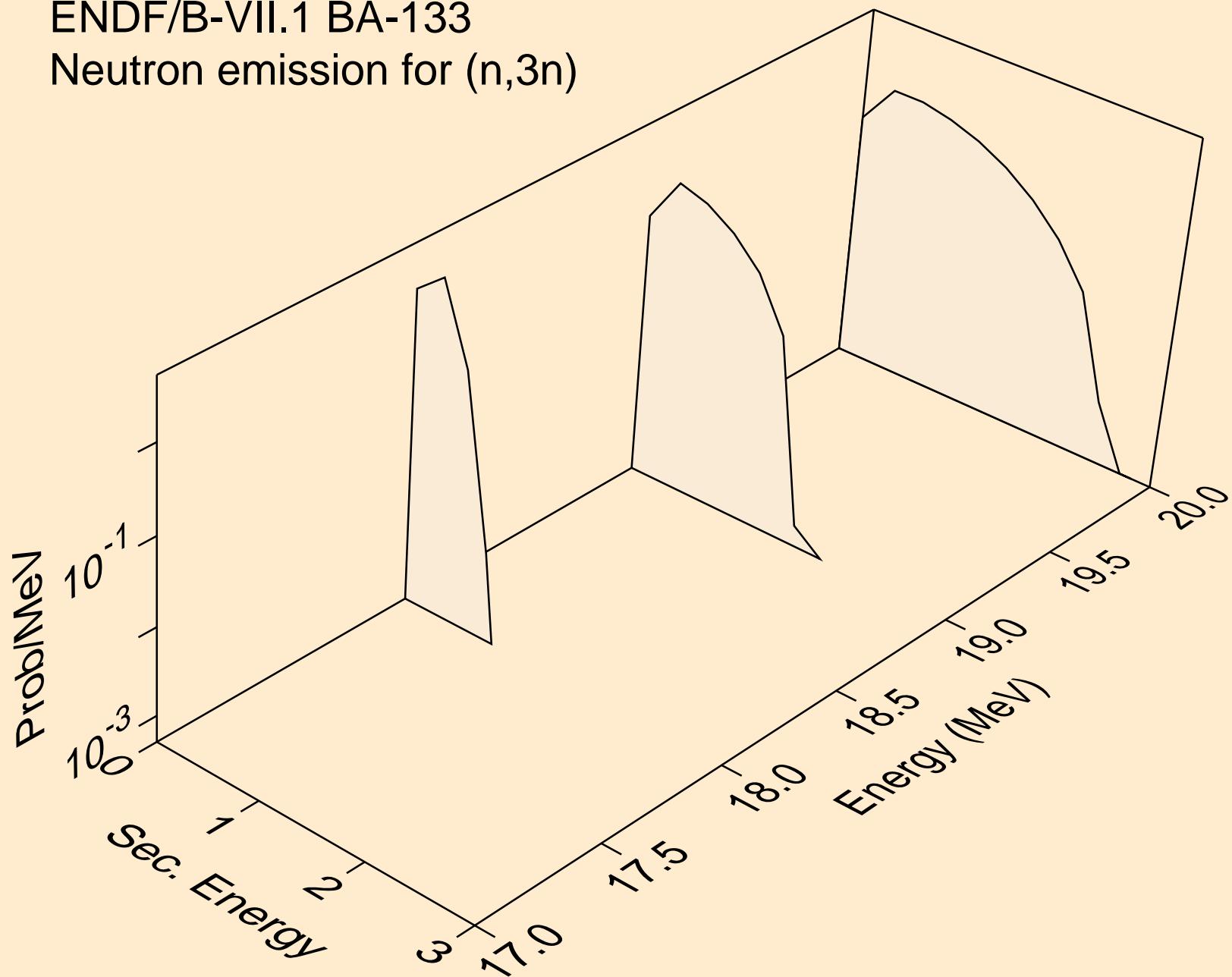
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angular distribution for (n,n\*17)



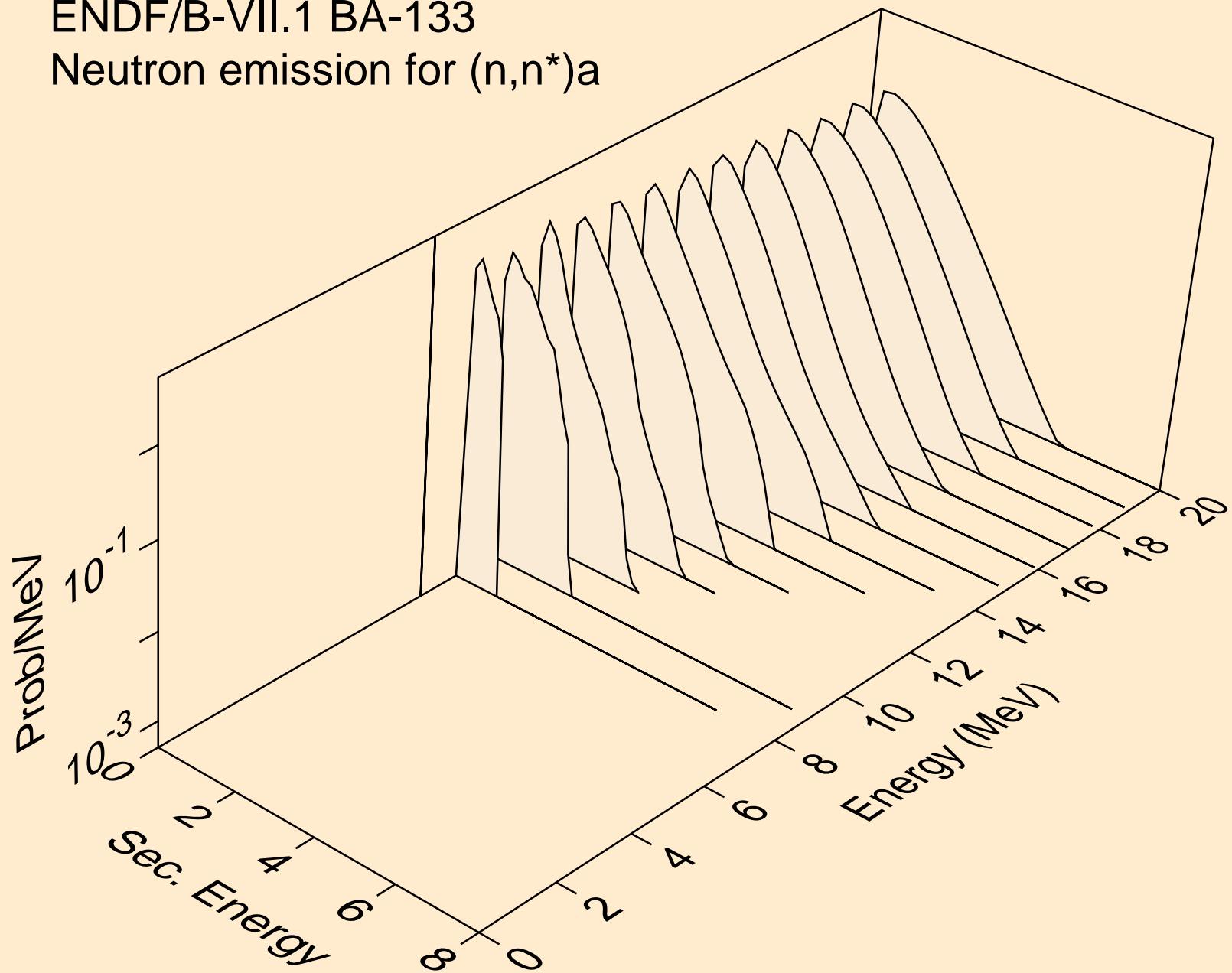
ENDF/B-VII.1 BA-133  
Neutron emission for  $(n,2n)$



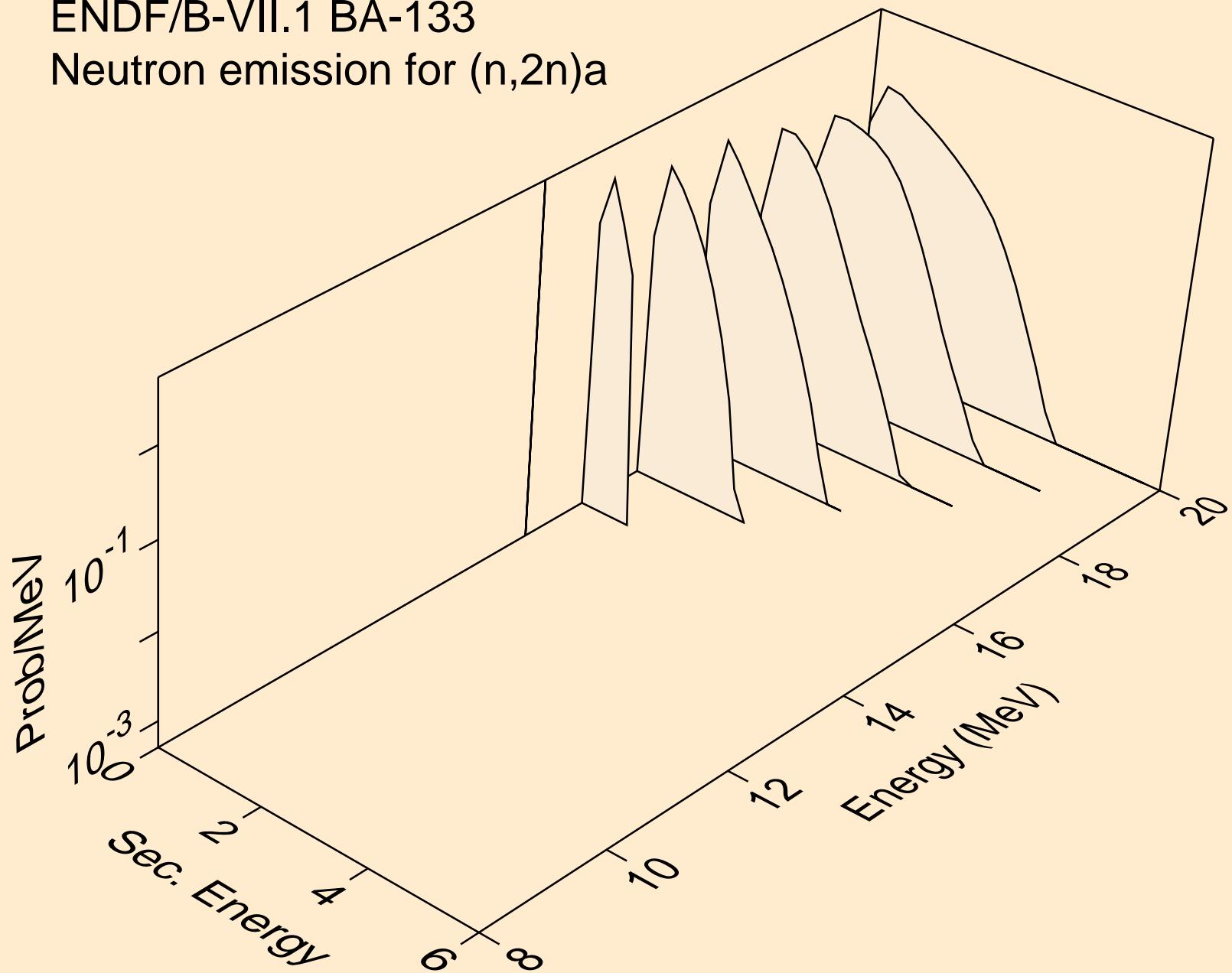
ENDF/B-VII.1 BA-133  
Neutron emission for (n,3n)



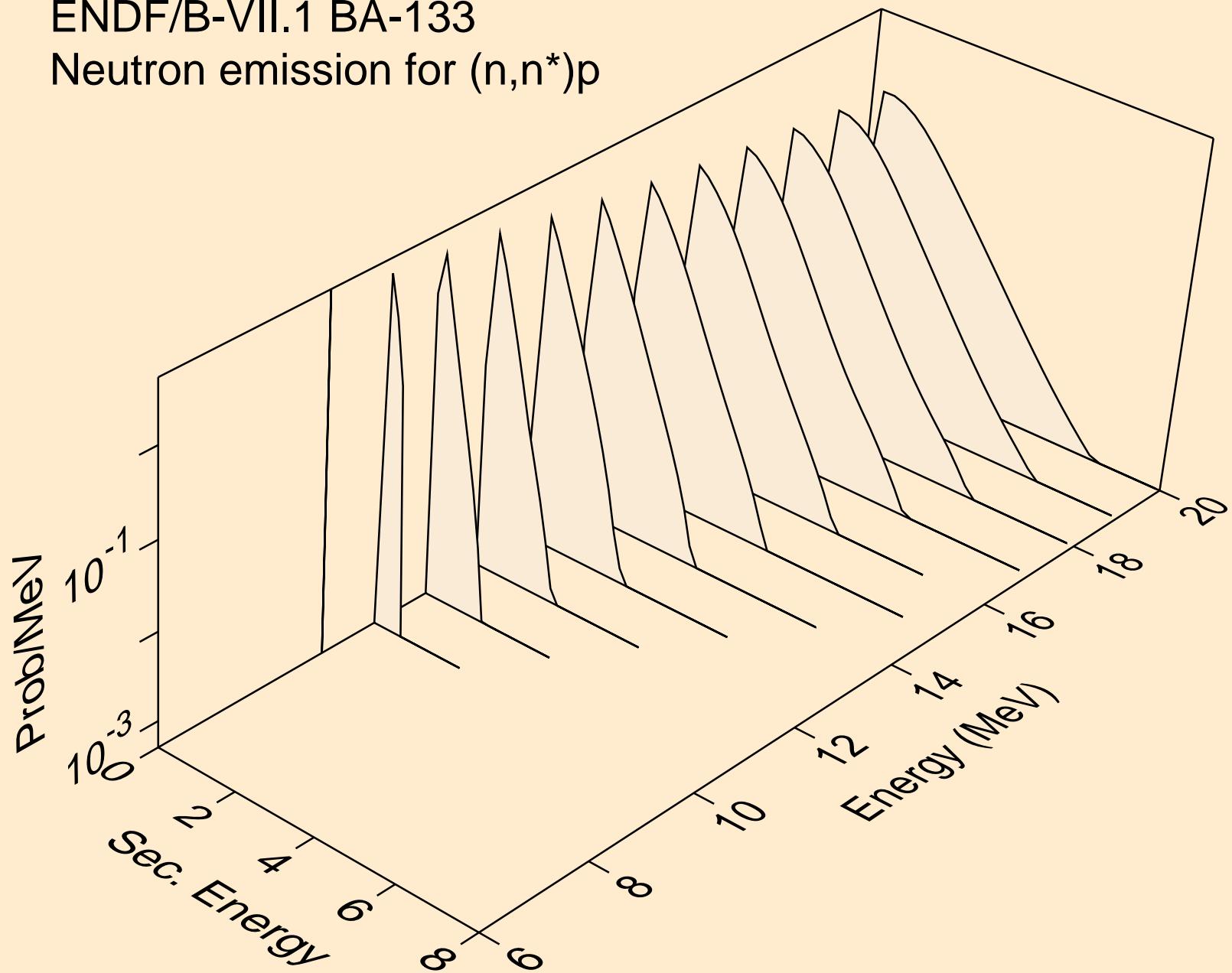
ENDF/B-VII.1 BA-133  
Neutron emission for  $(n,n^*)a$



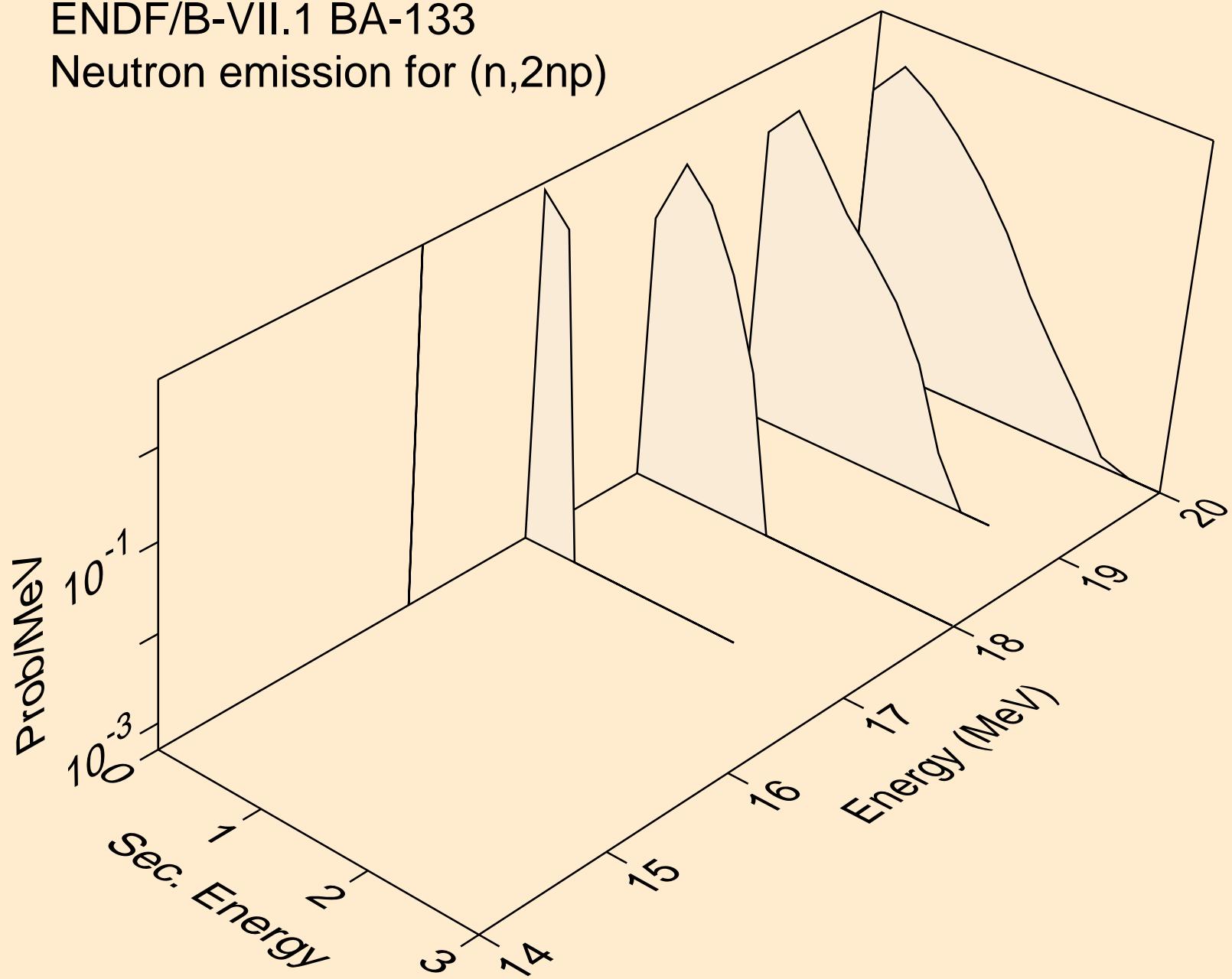
ENDF/B-VII.1 BA-133  
Neutron emission for  $(n,2n)a$



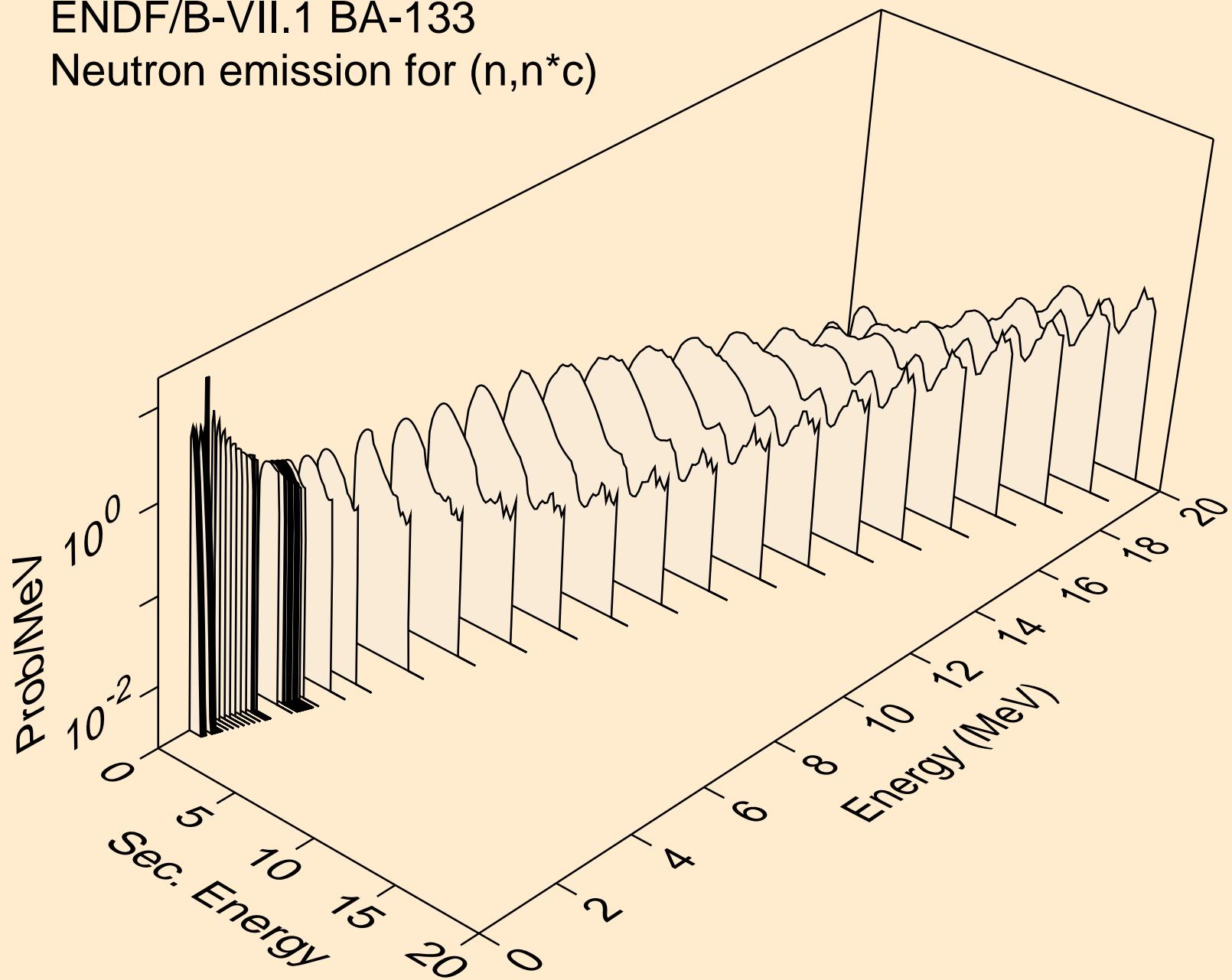
ENDF/B-VII.1 BA-133  
Neutron emission for  $(n,n^*)p$



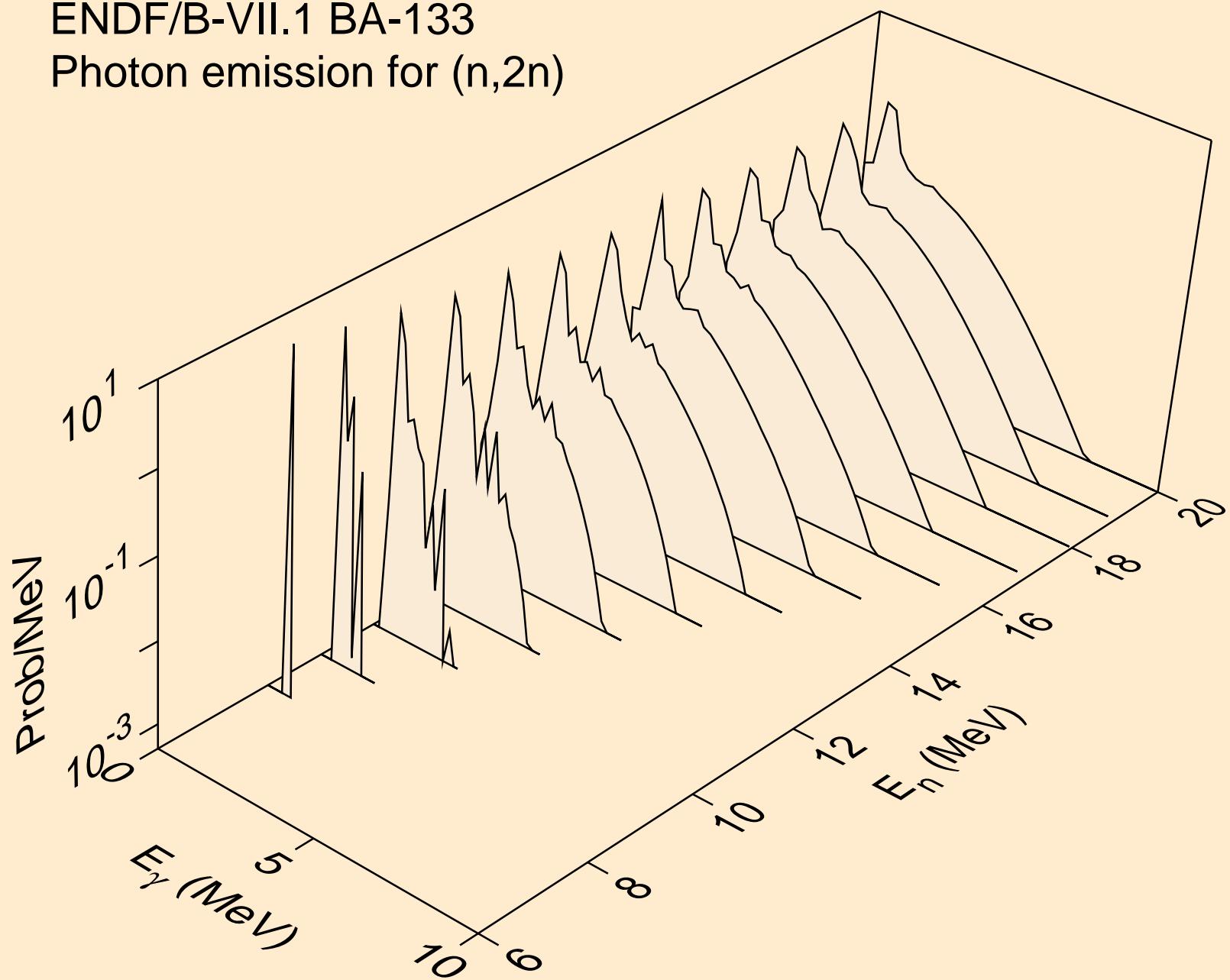
ENDF/B-VII.1 BA-133  
Neutron emission for (n,2np)



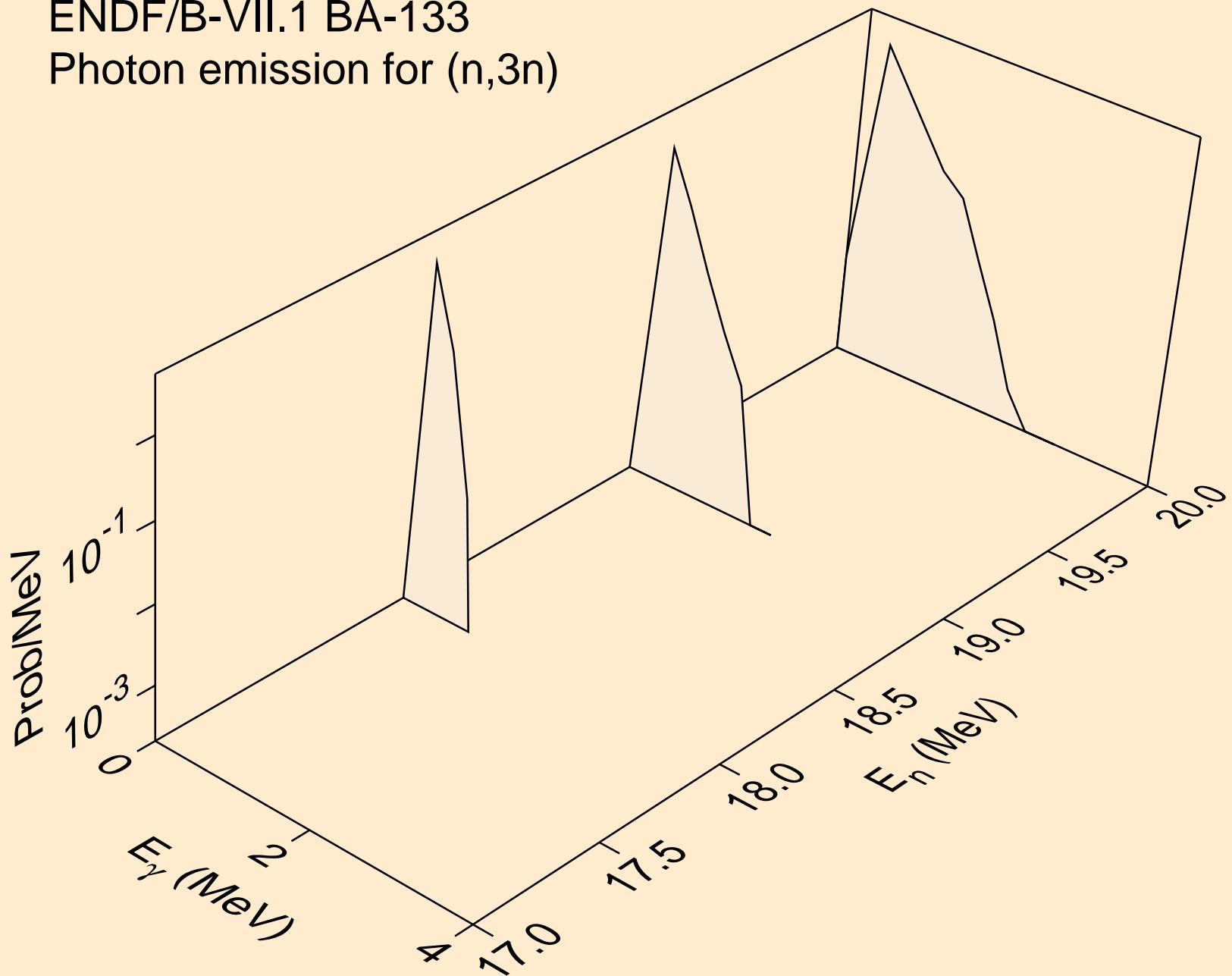
ENDF/B-VII.1 BA-133  
Neutron emission for  $(n,n^*c)$



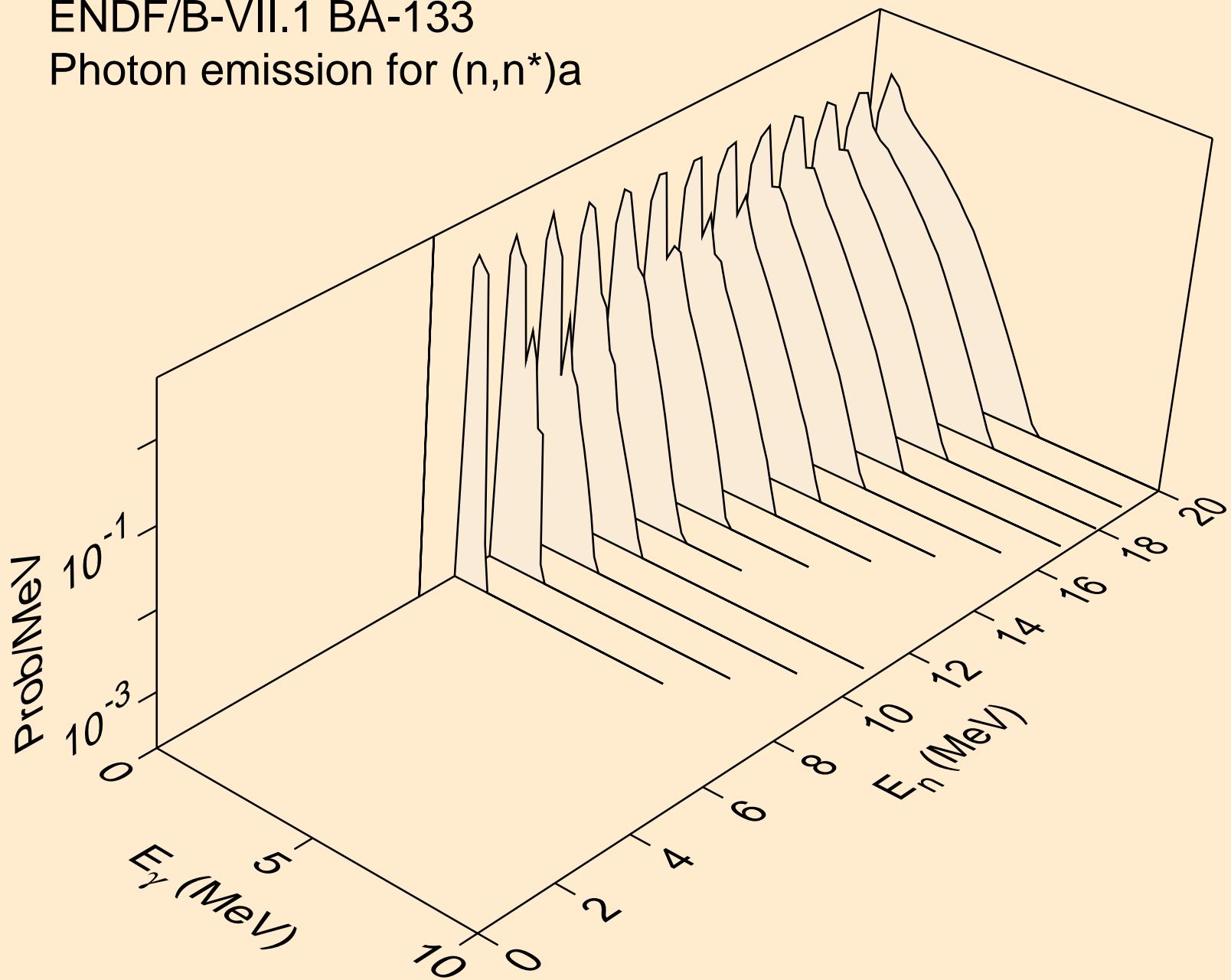
ENDF/B-VII.1 BA-133  
Photon emission for ( $n,2n$ )



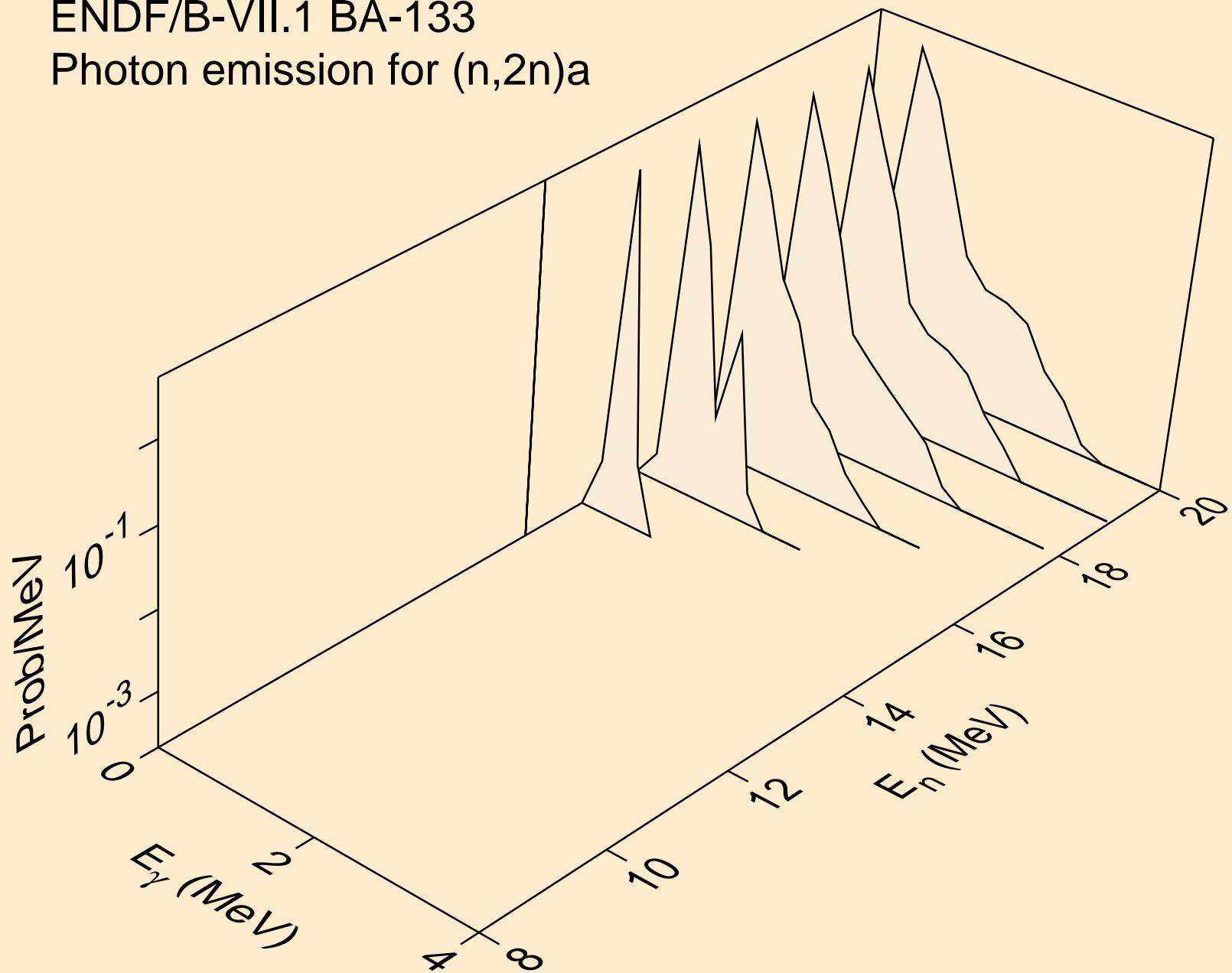
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Photon emission for (n,3n)



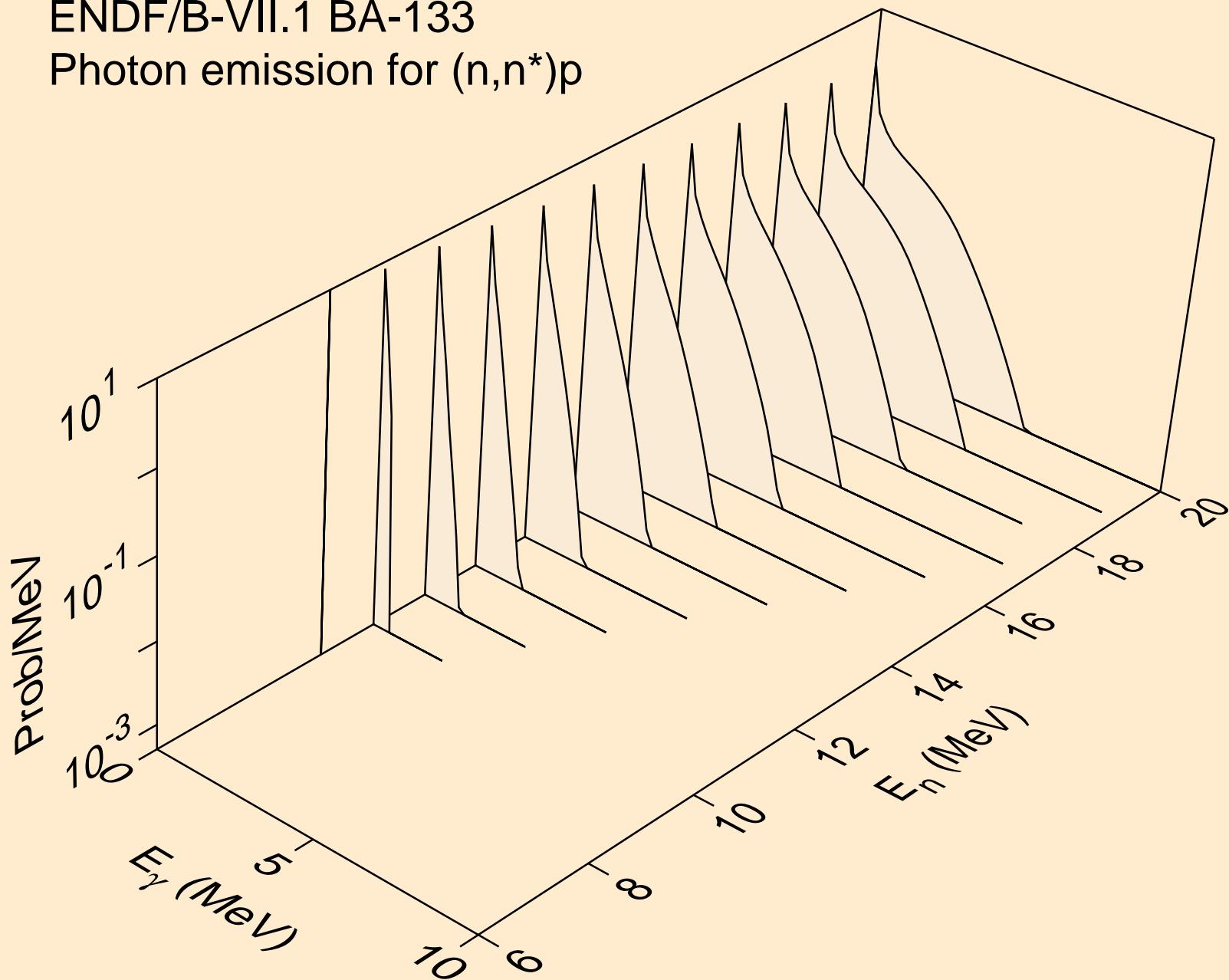
ENDF/B-VII.1 BA-133  
Photon emission for  $(n,n^*)a$



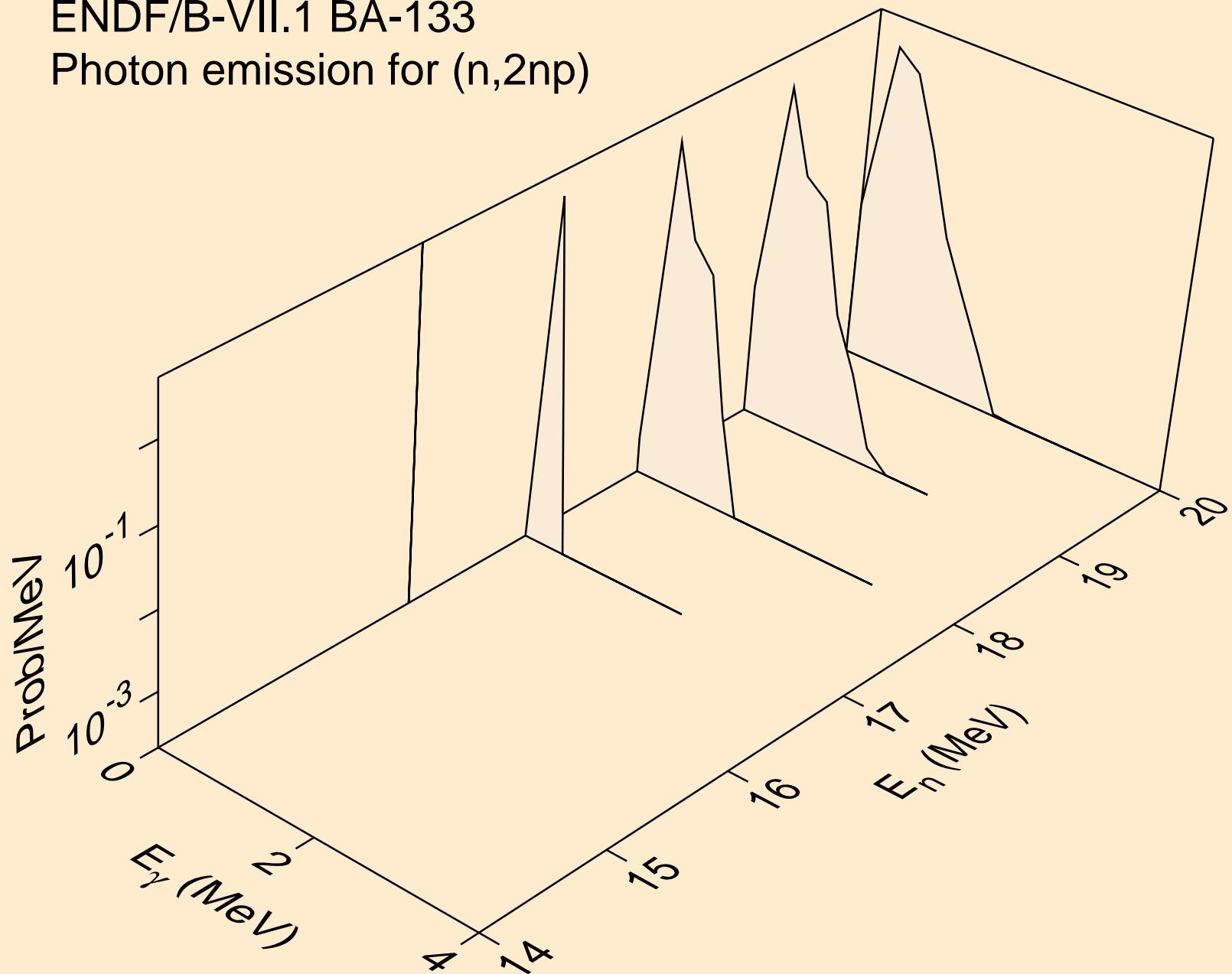
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Photon emission for  $(n,2n)a$



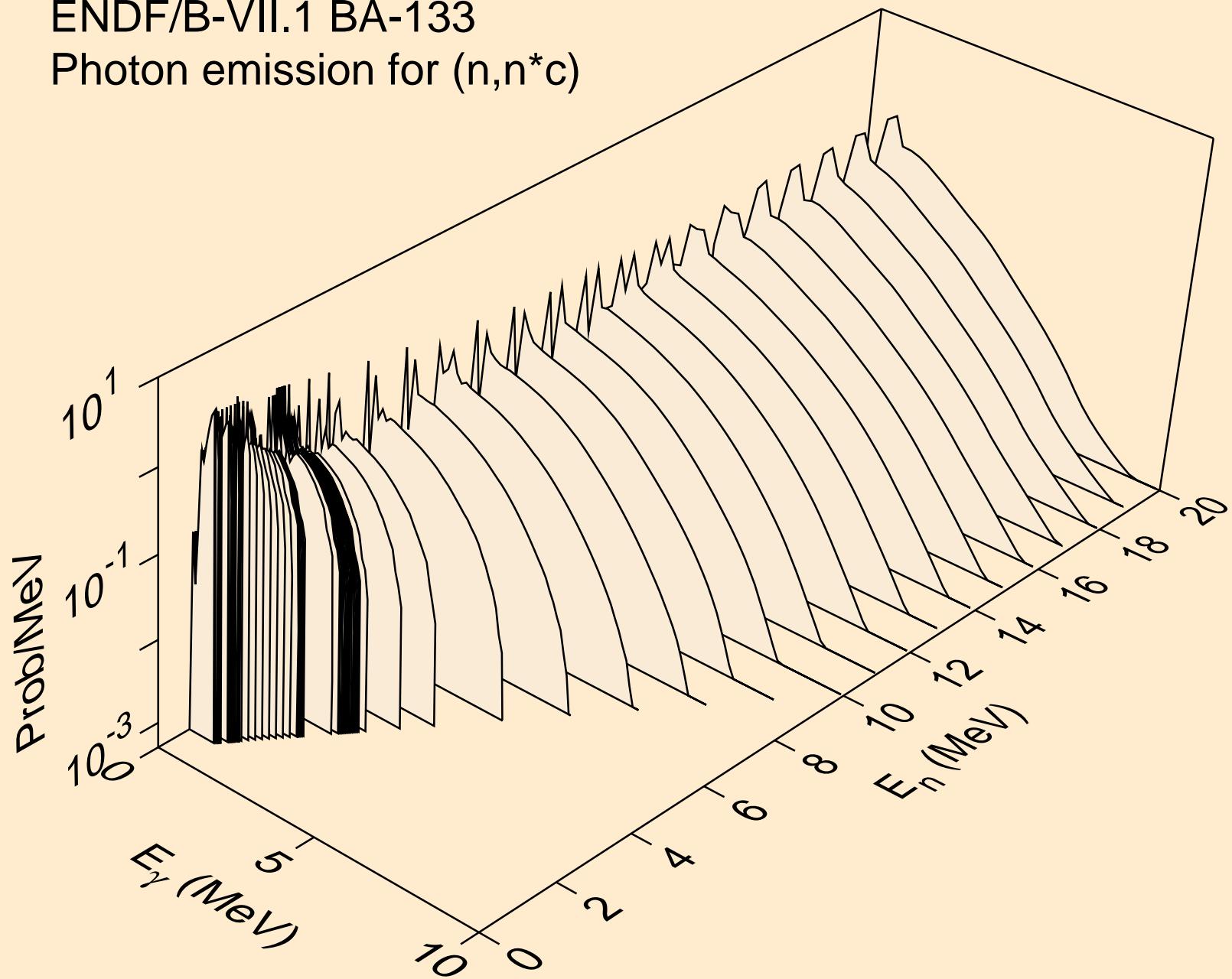
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Photon emission for  $(n,n^*)p$



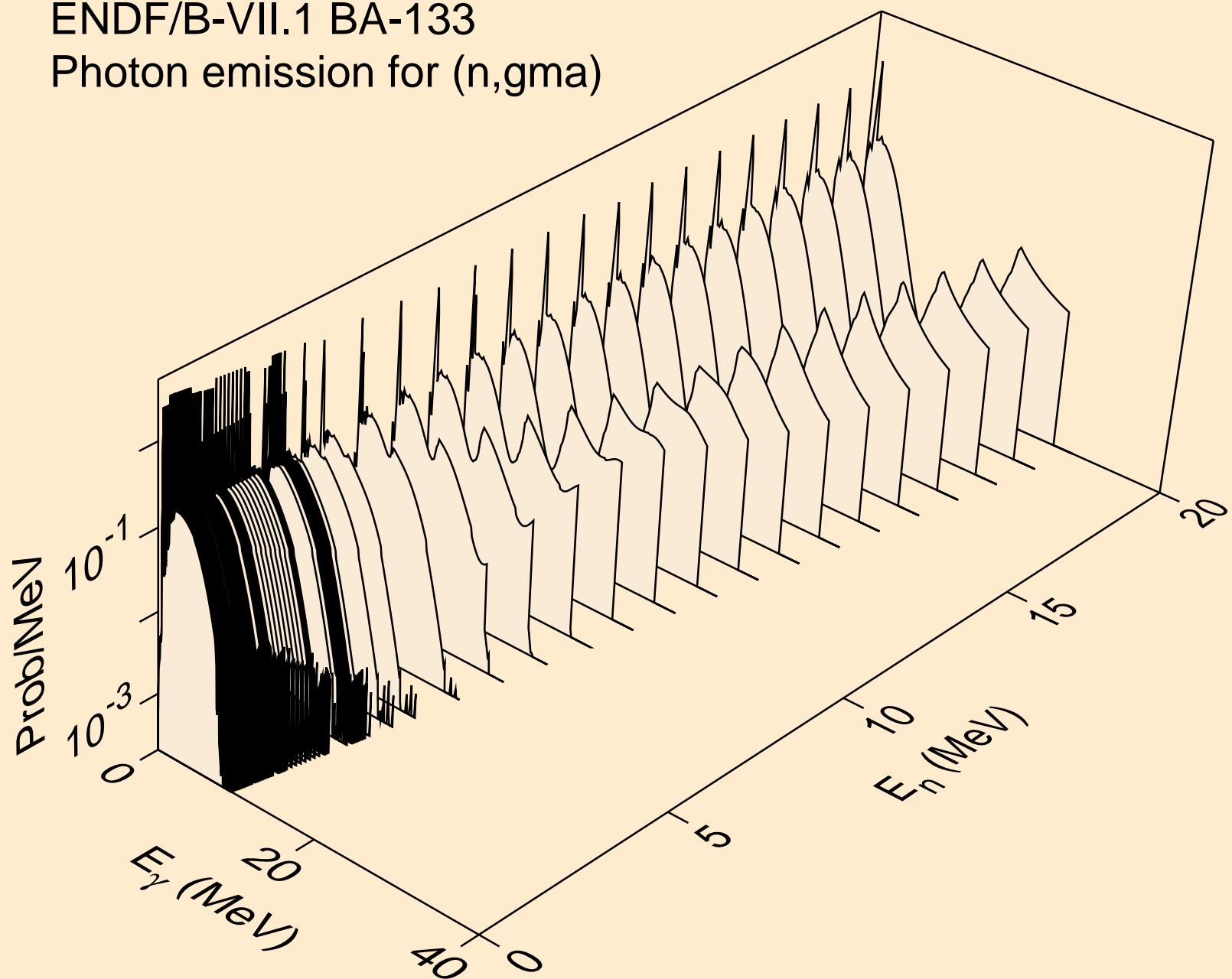
ENDF/B-VII.1 BA-133  
Photon emission for ( $n, 2np$ )



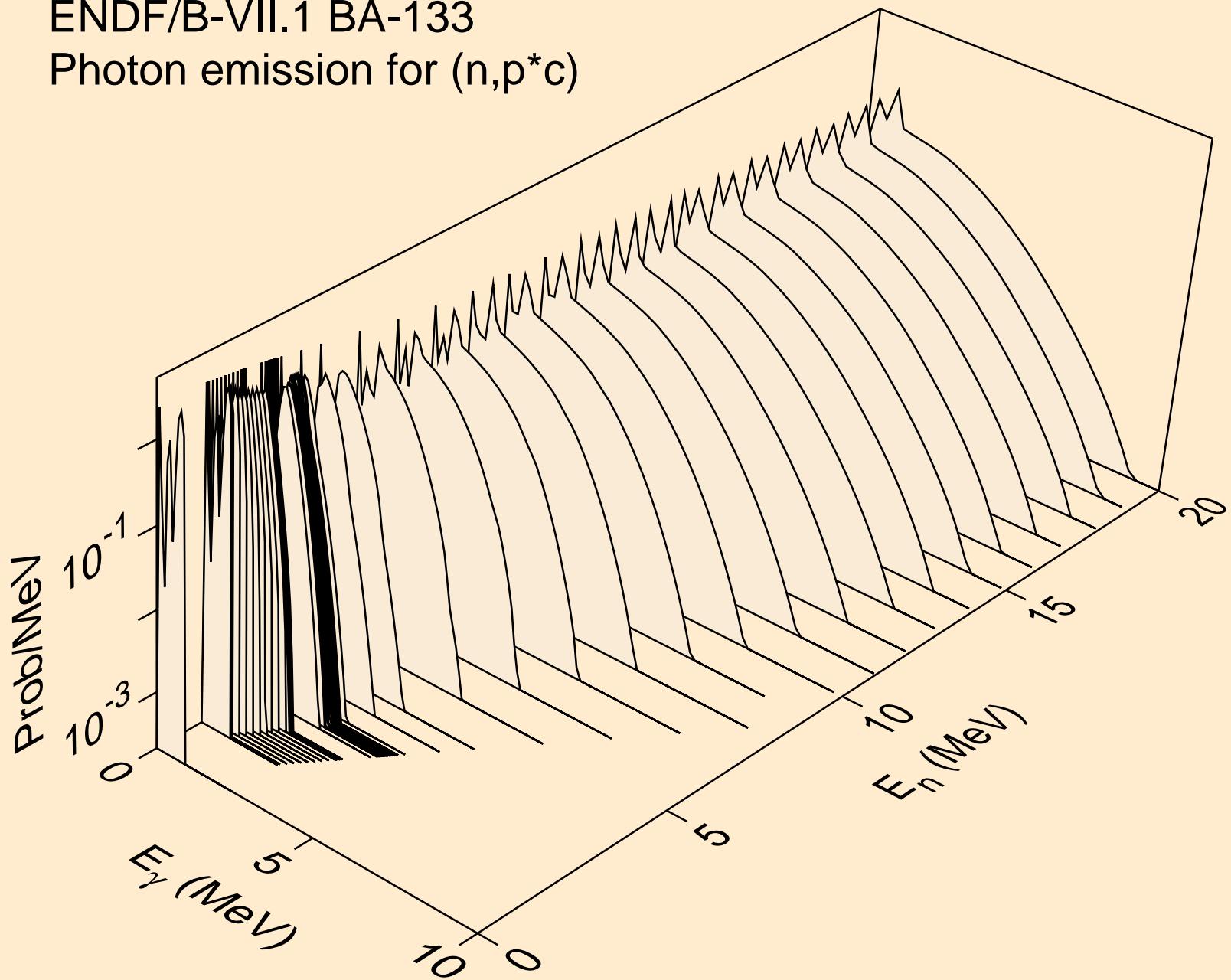
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Photon emission for  $(n, n^* c)$



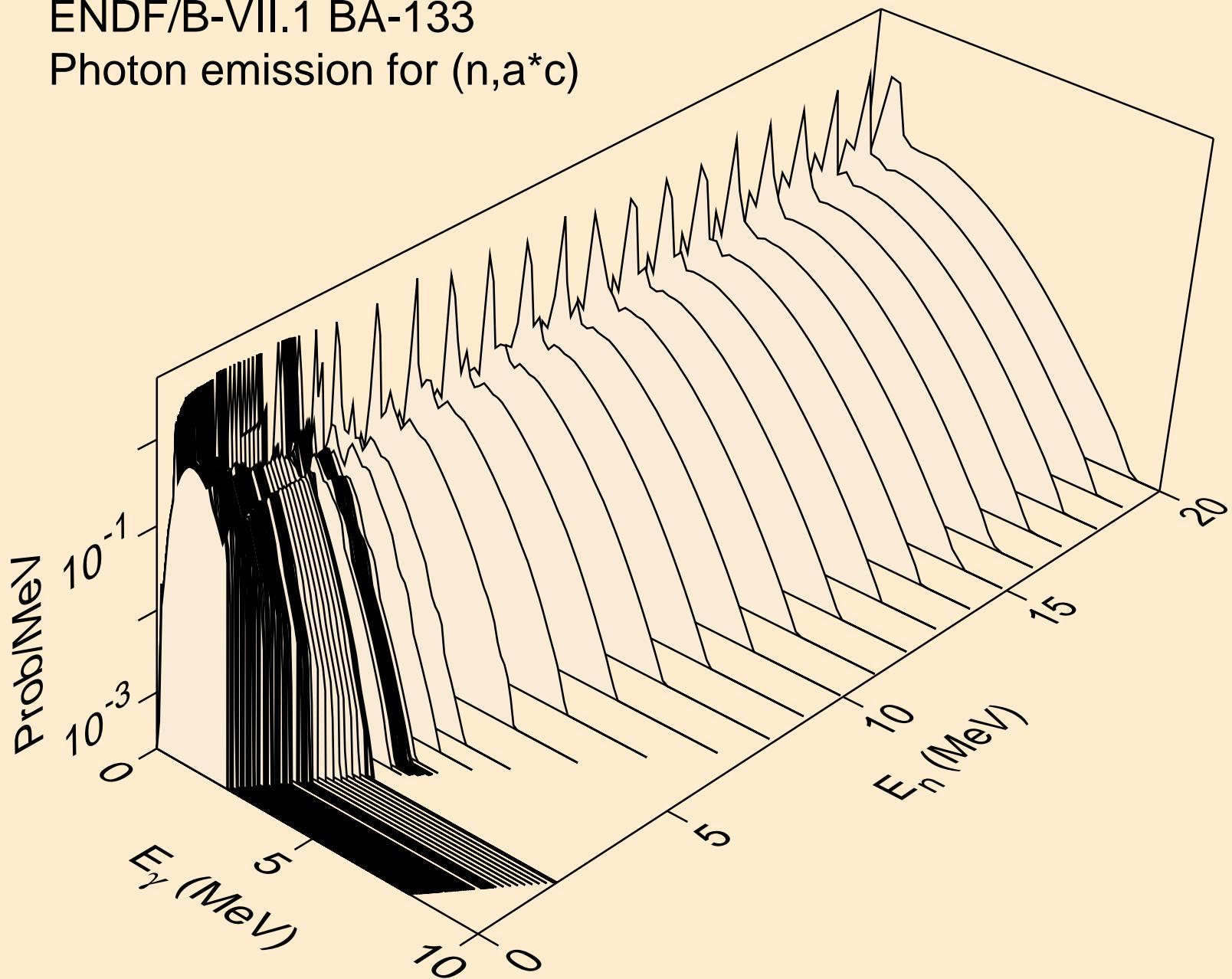
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Photon emission for (n,gma)



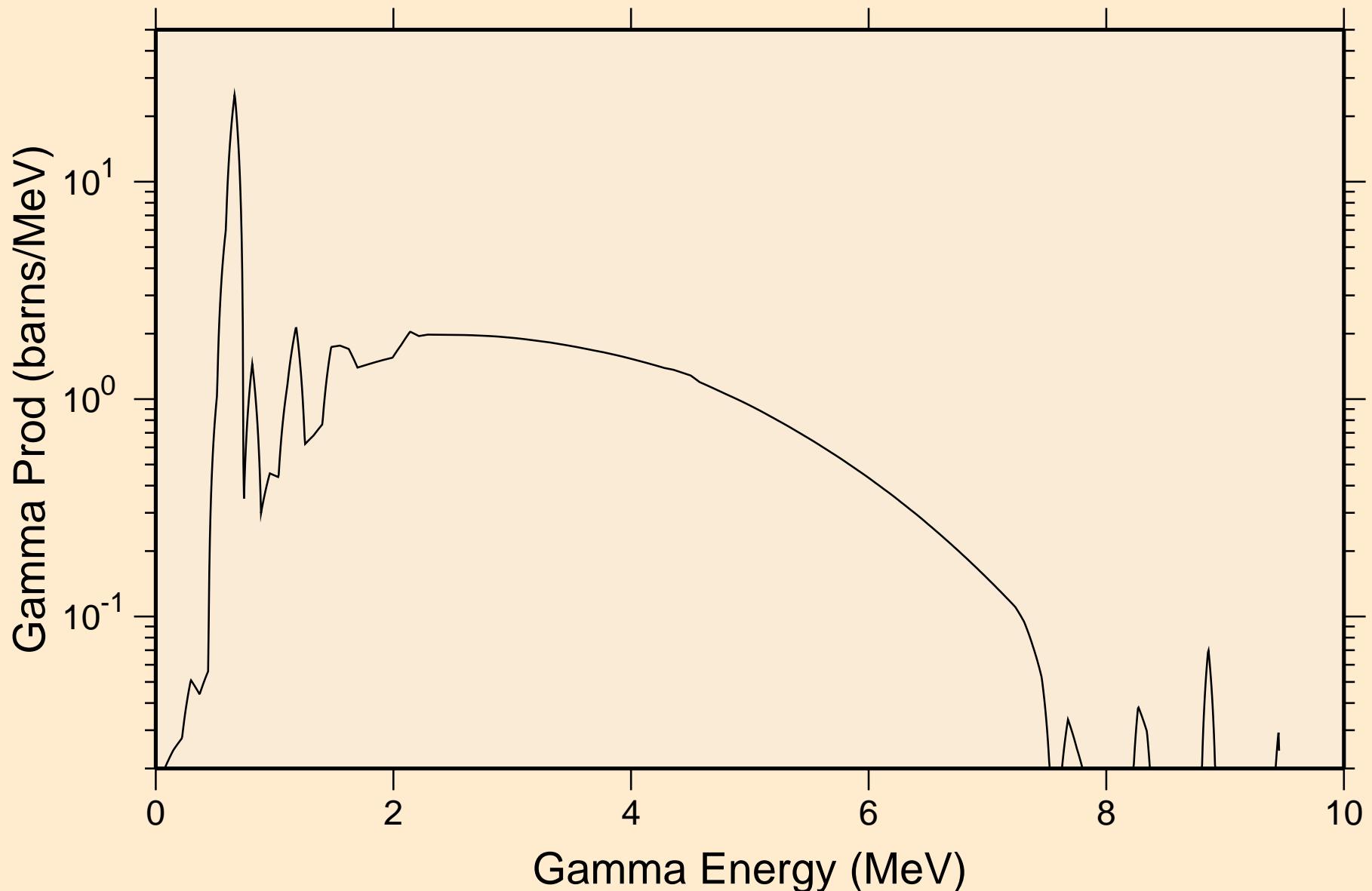
ENDF/B-VII.1 BA-133  
Photon emission for  $(n, p^* c)$



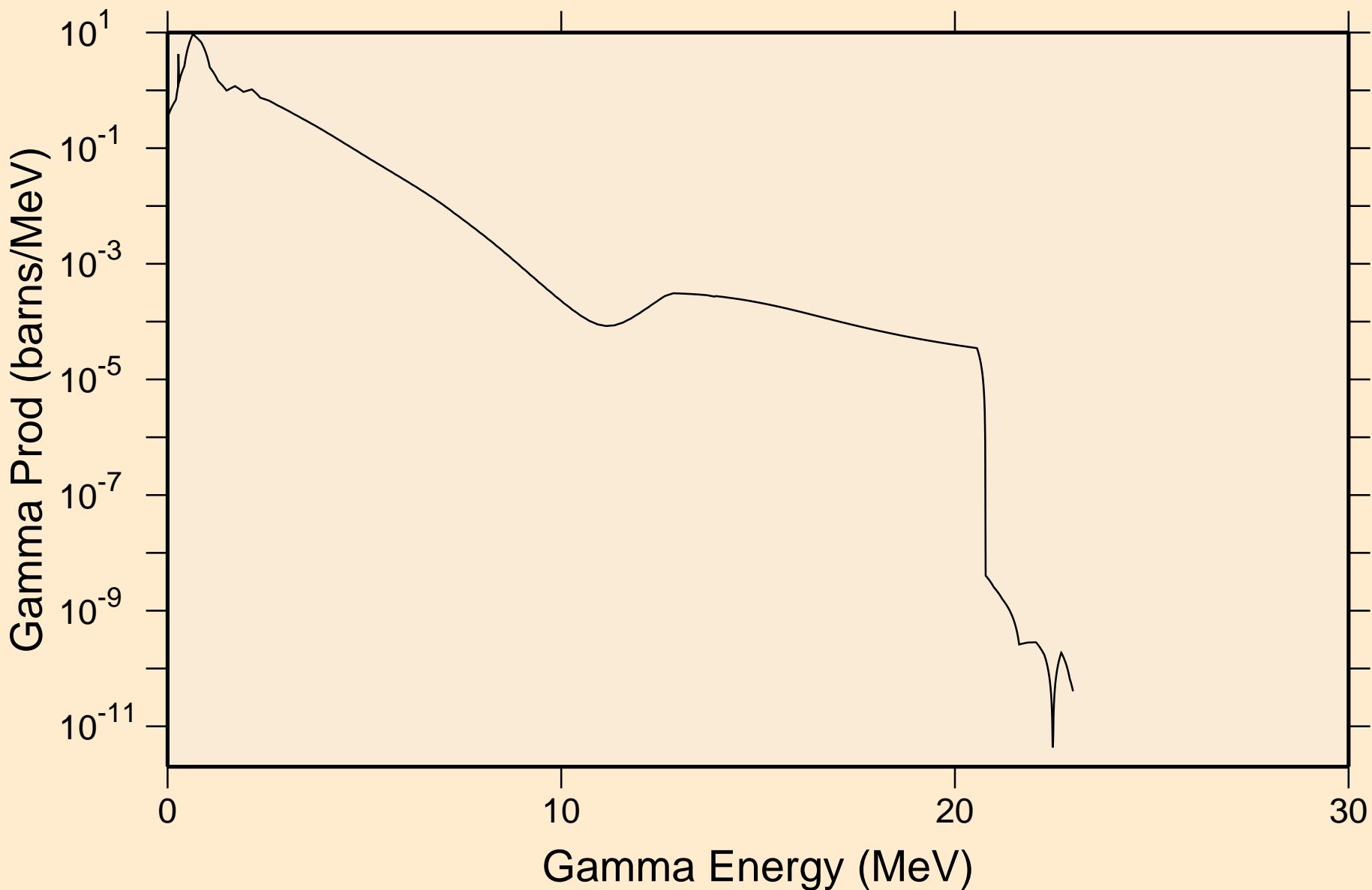
ENDF/B-VII.1 BA-133  
Photon emission for  $(n, a^* c)$



ENDF/B-VII.1 BA-133  
thermal capture photon spectrum

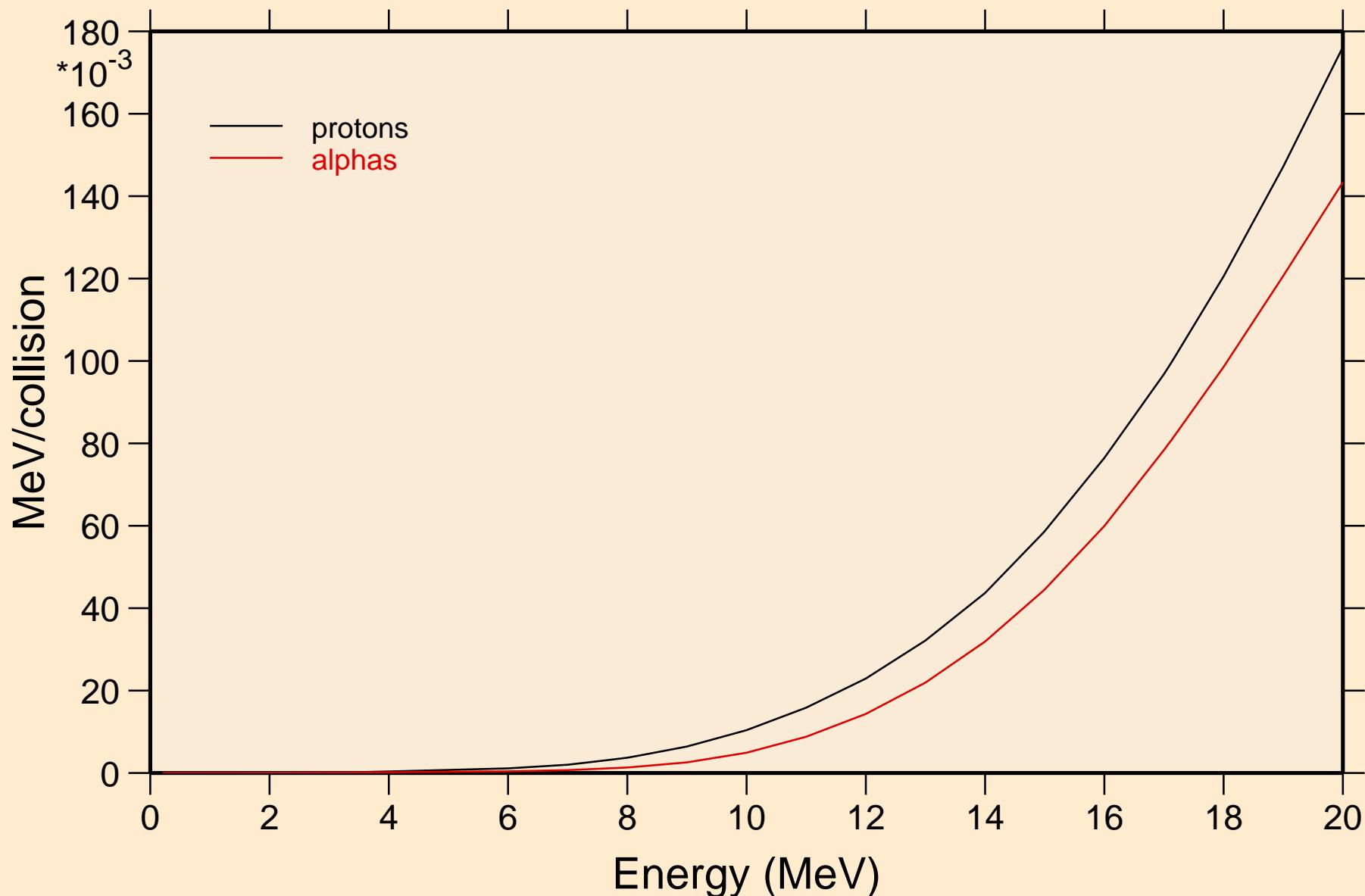


ENDF/B-VII.1 BA-133  
14 MeV photon spectrum

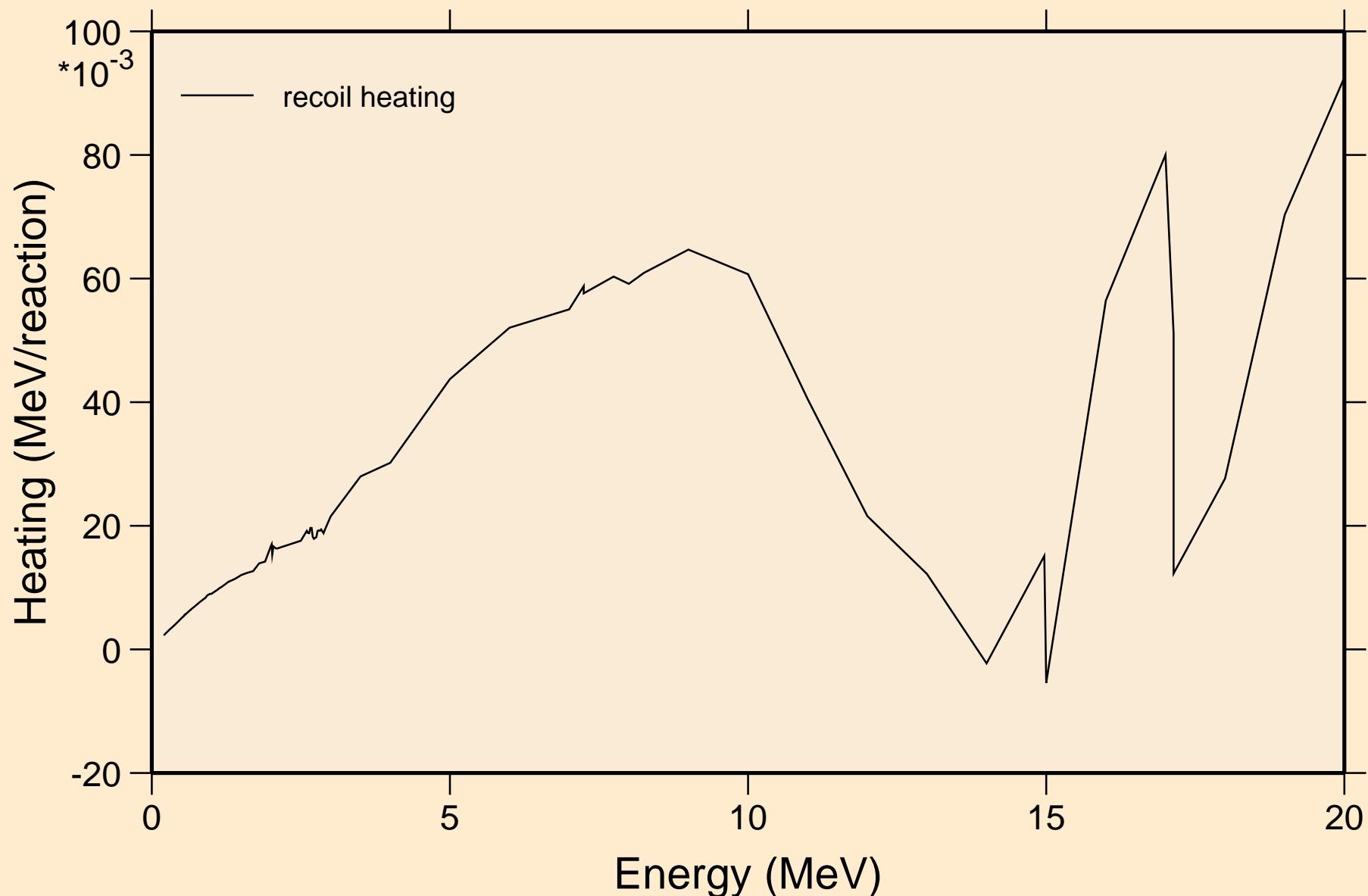


# ENDF/B-VII.1 BA-133

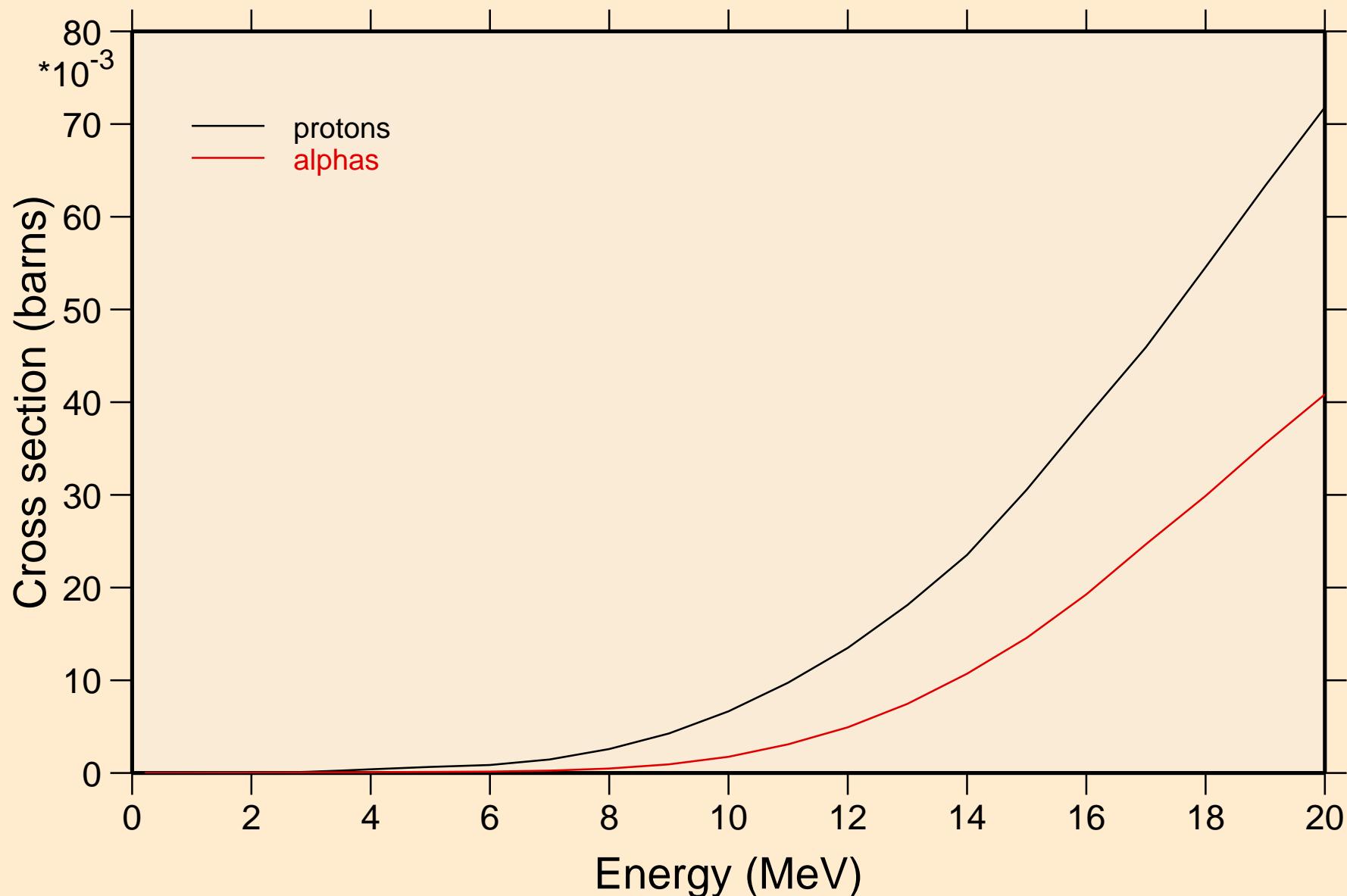
## Particle heating contributions



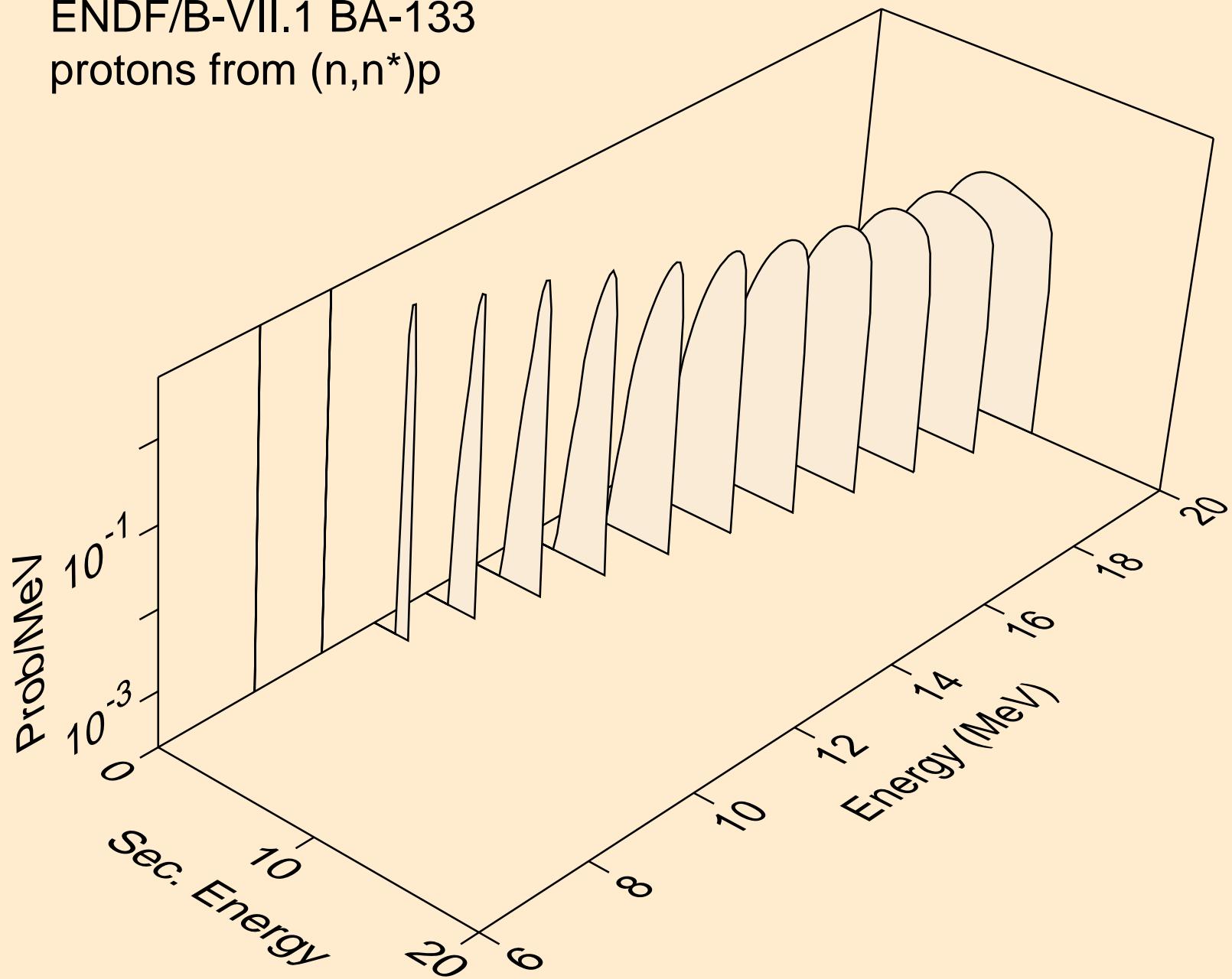
ENDF/B-VII.1 BA-133  
Recoil Heating



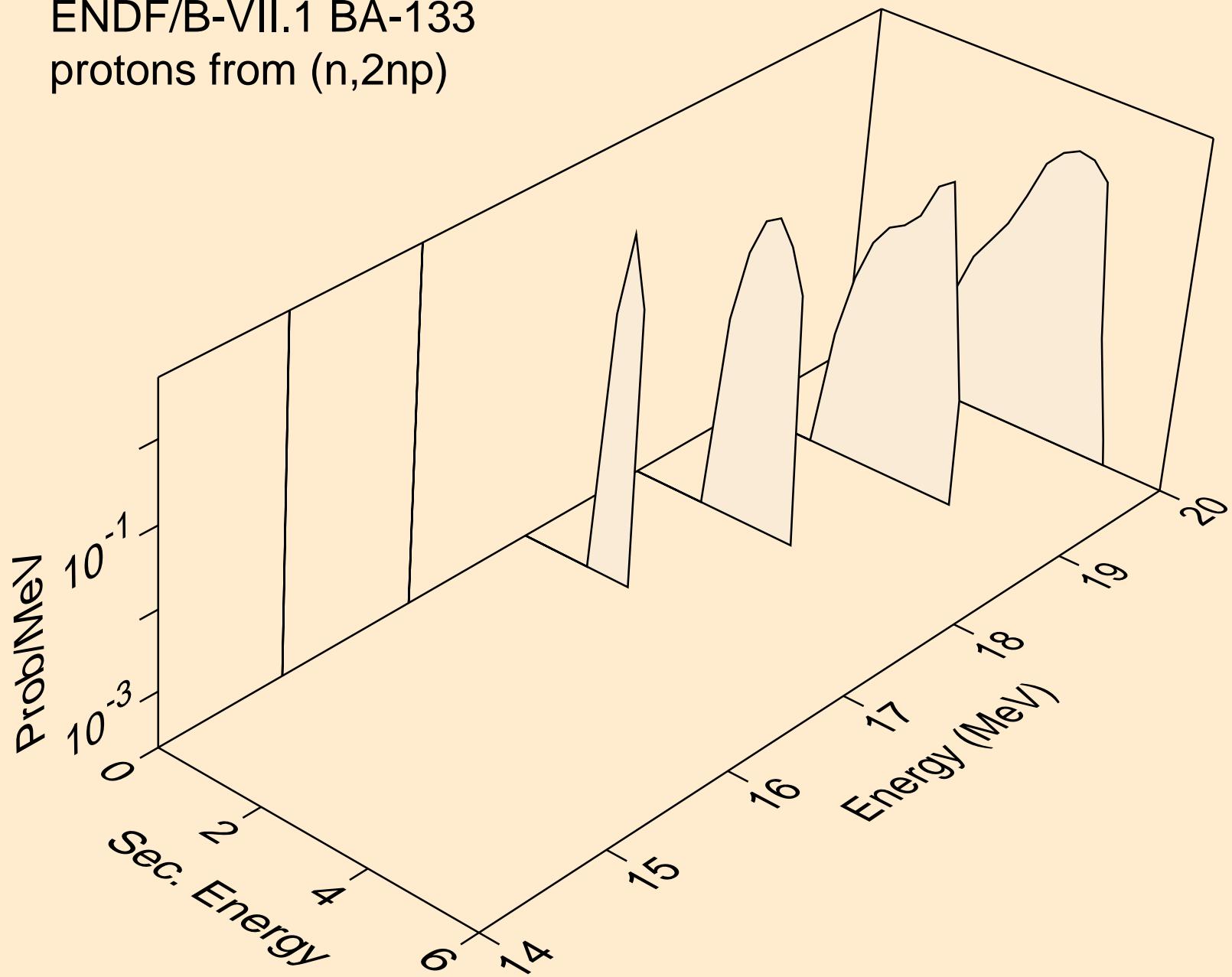
ENDF/B-VII.1 BA-133  
Particle production cross sections



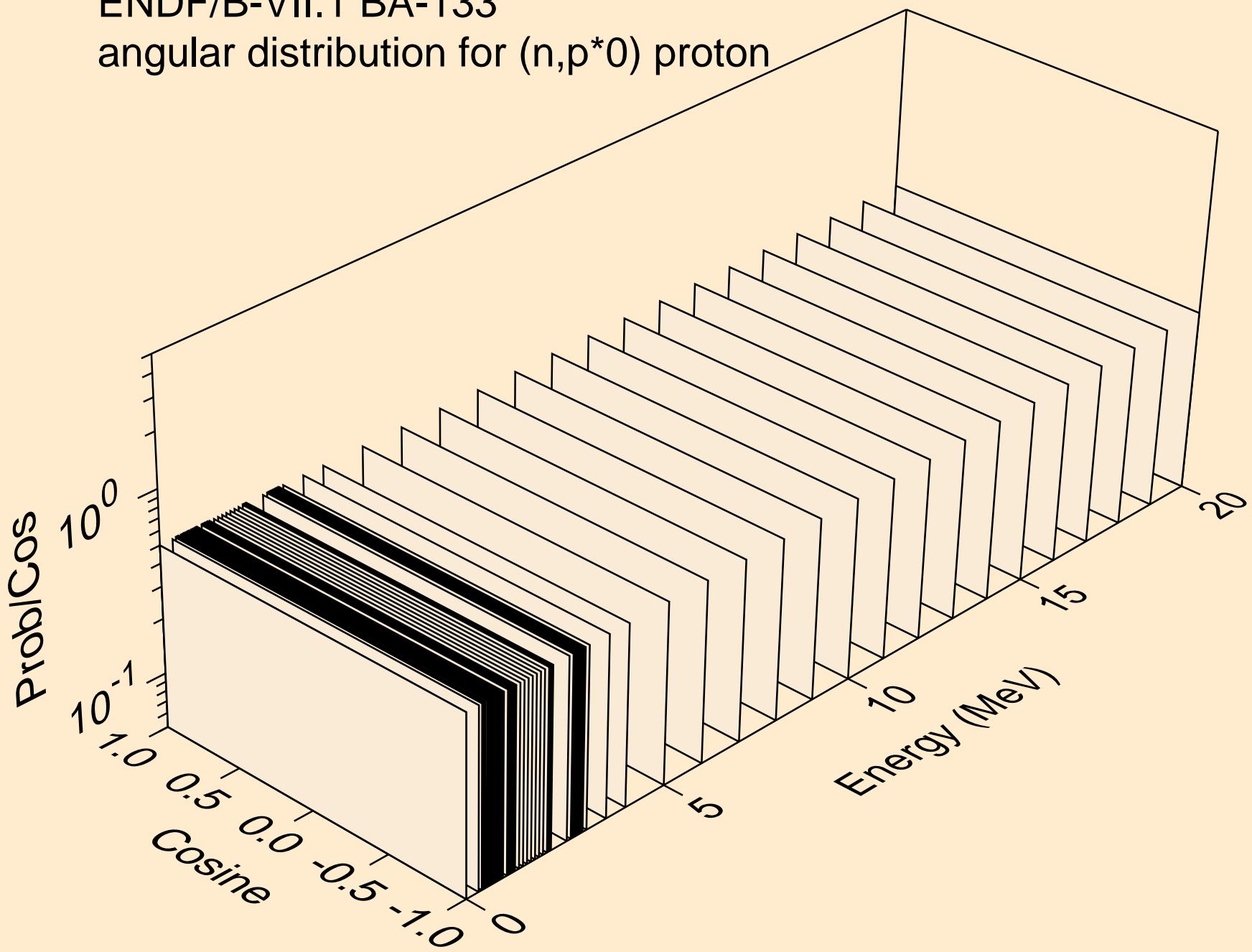
ENDF/B-VII.1 BA-133  
protons from  $(n,n^*)p$



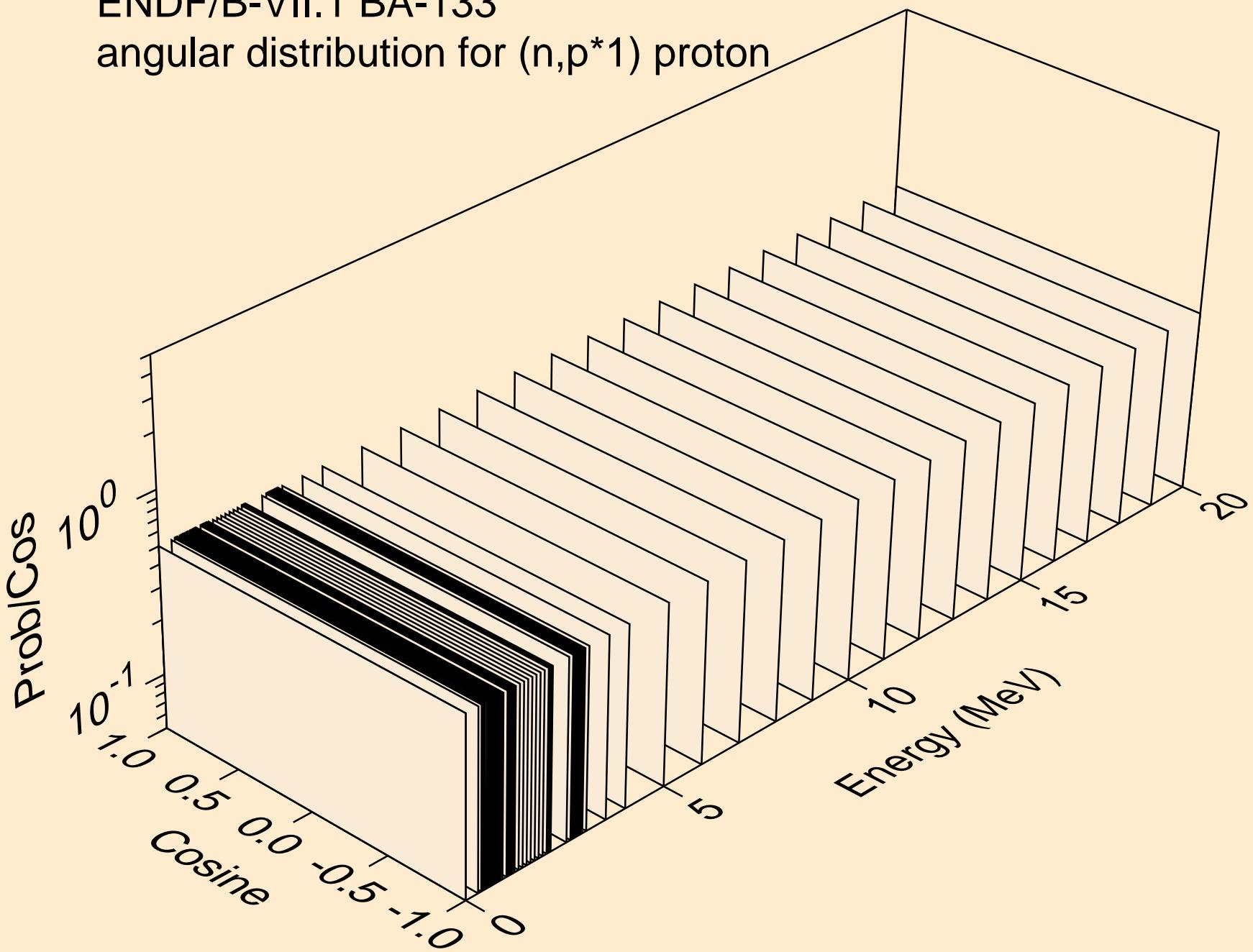
ENDF/B-VII.1 BA-133  
protons from ( $n,2np$ )



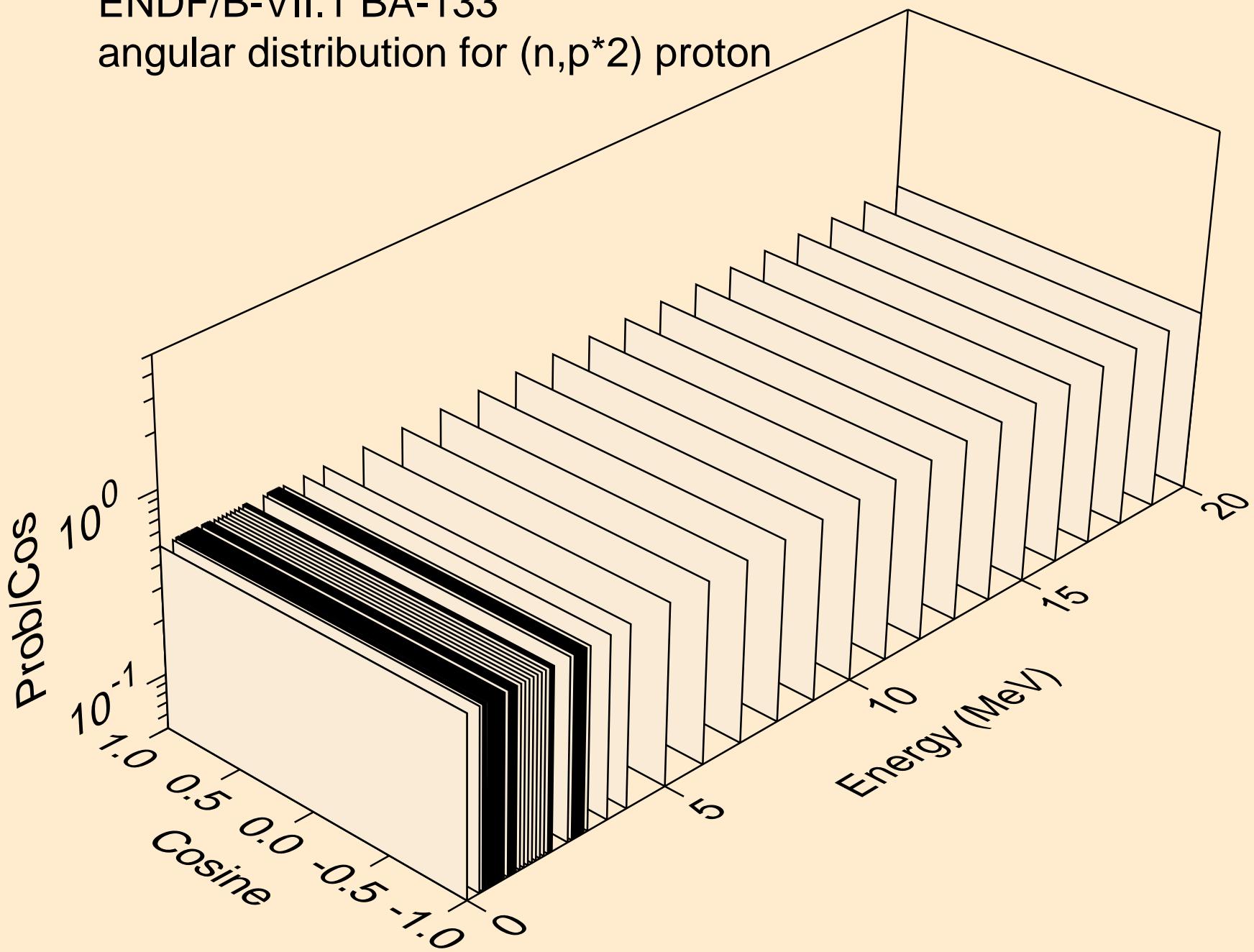
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angular distribution for  $(n,p^*0)$  proton



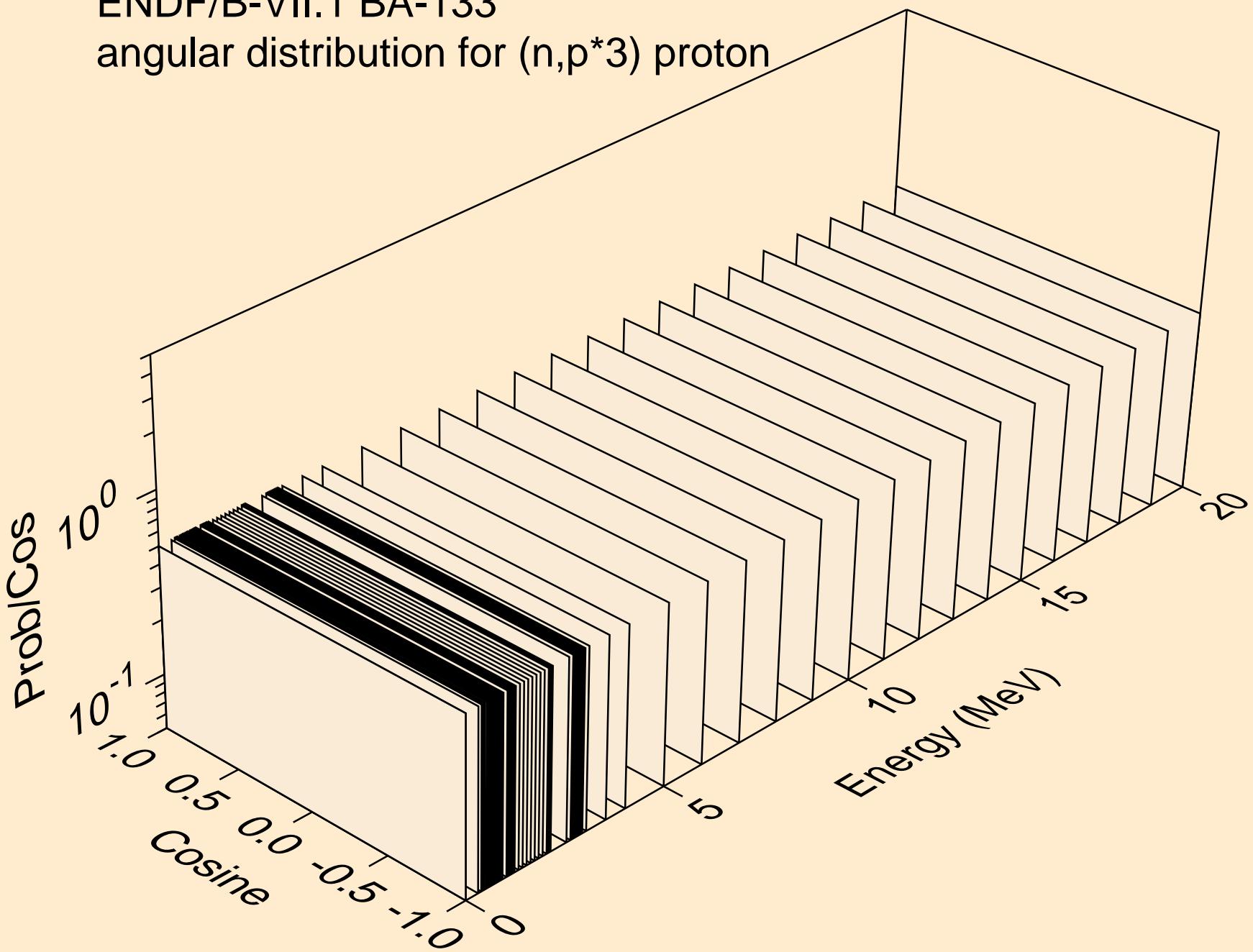
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angular distribution for  $(n,p^*1)$  proton



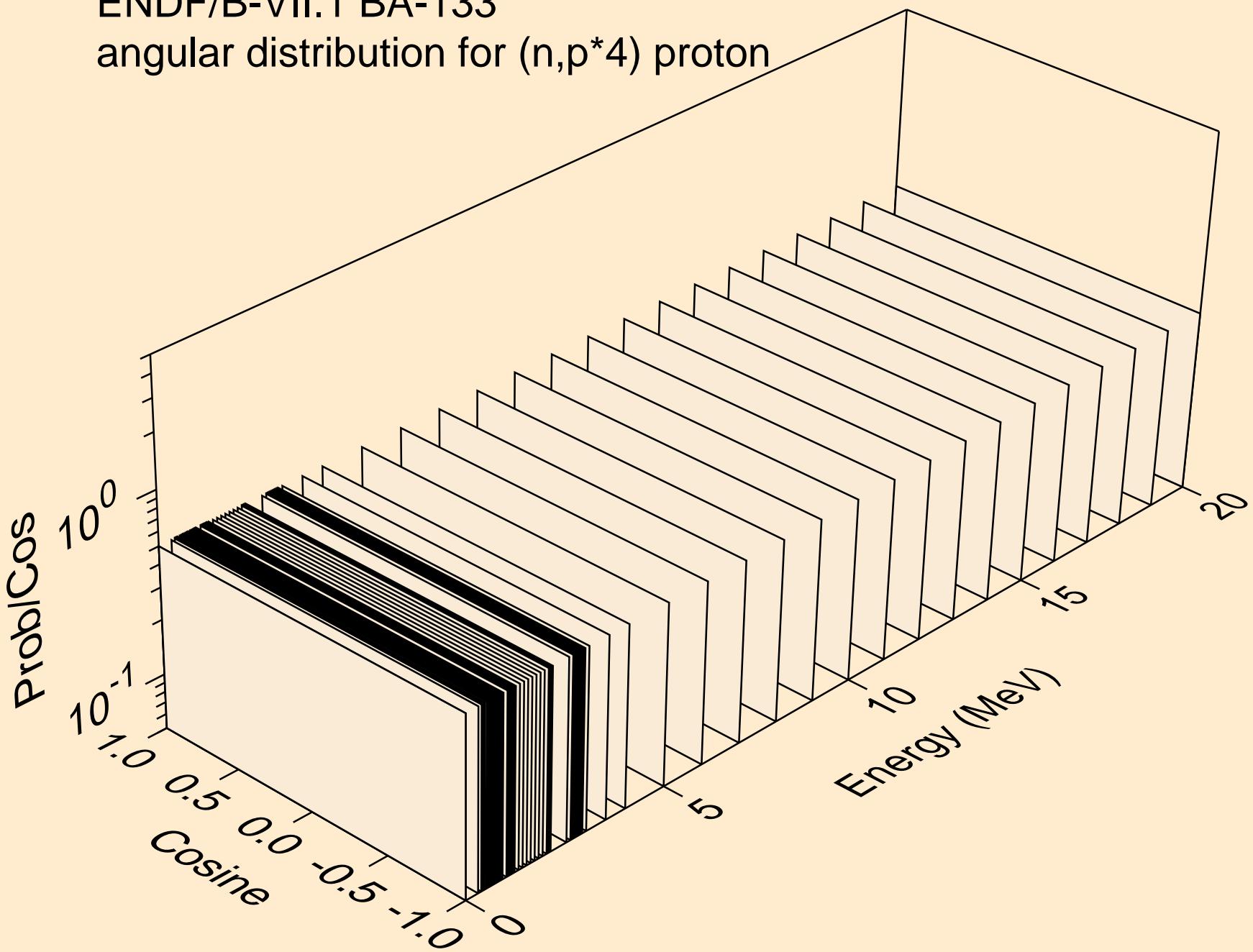
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angular distribution for  $(n,p^*2)$  proton



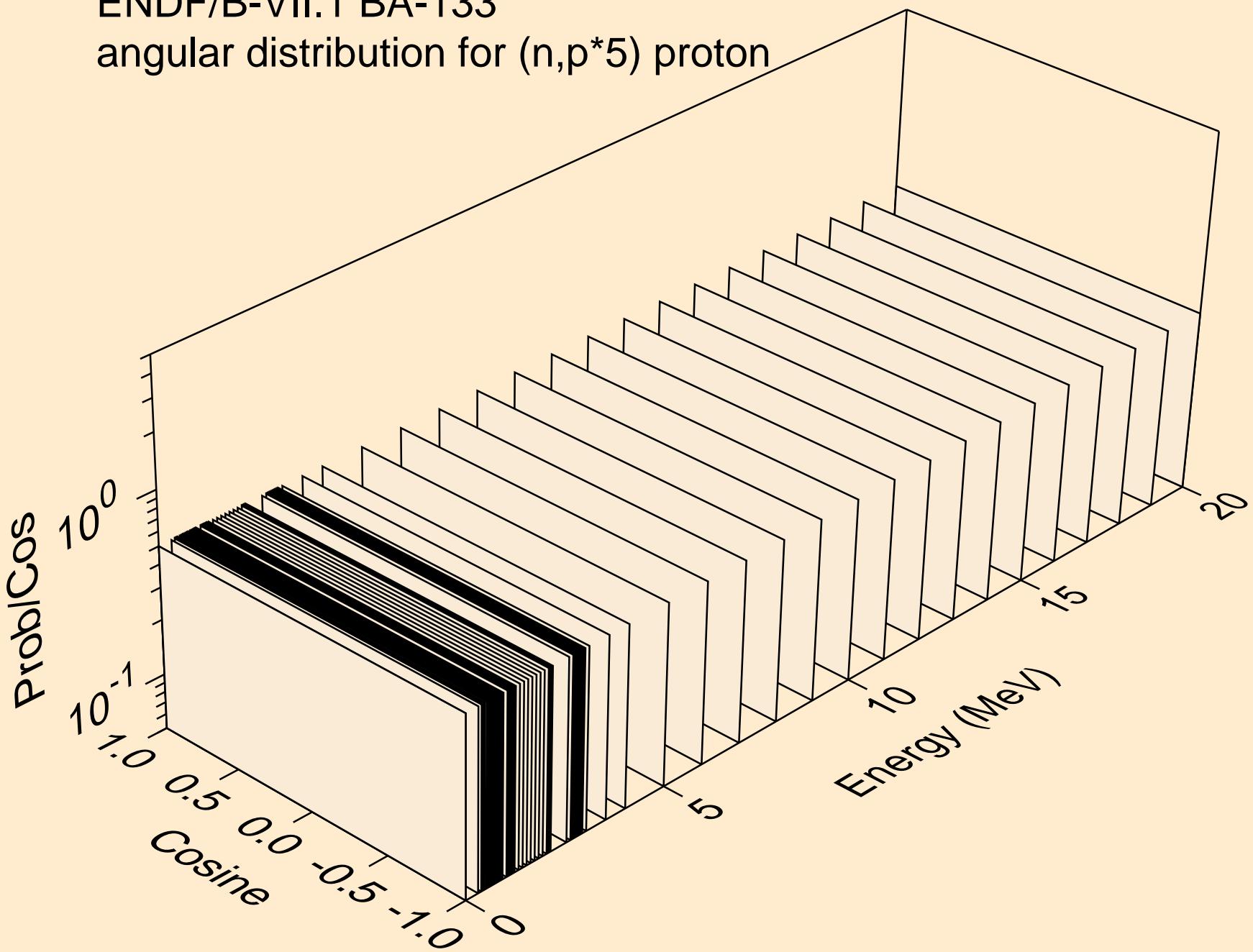
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angular distribution for  $(n,p^*3)$  proton



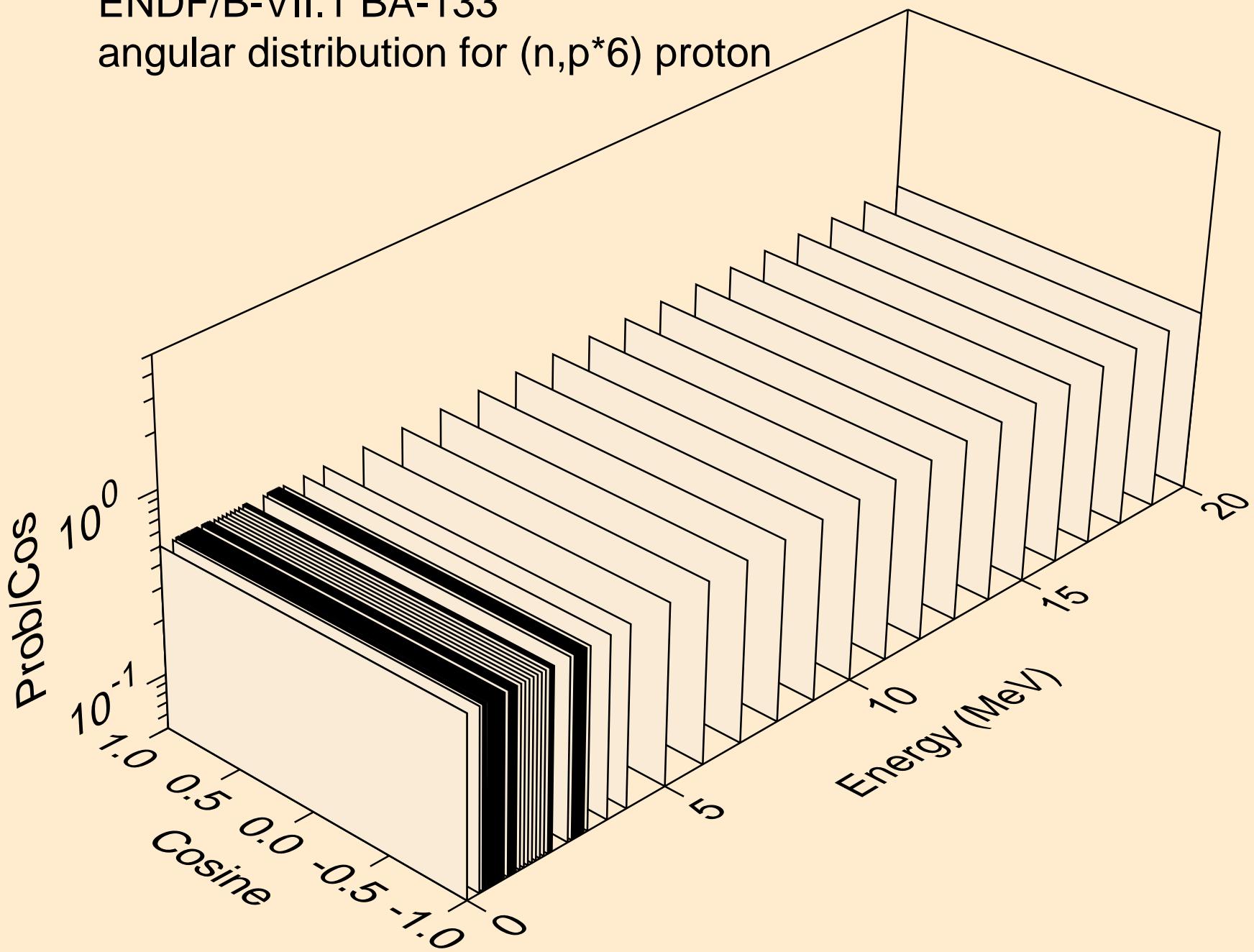
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angular distribution for  $(n,p^*4)$  proton



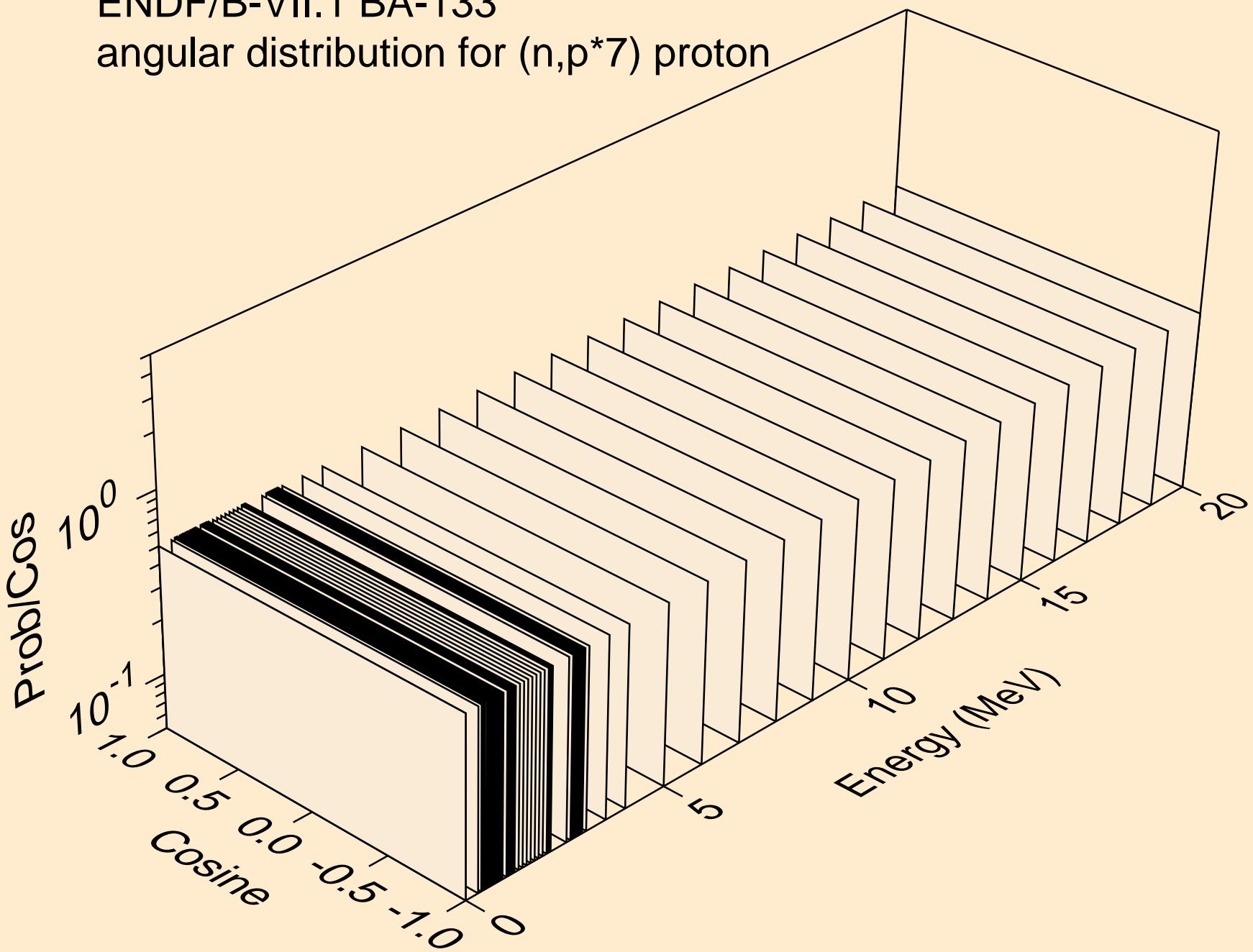
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angular distribution for  $(n,p^*5)$  proton



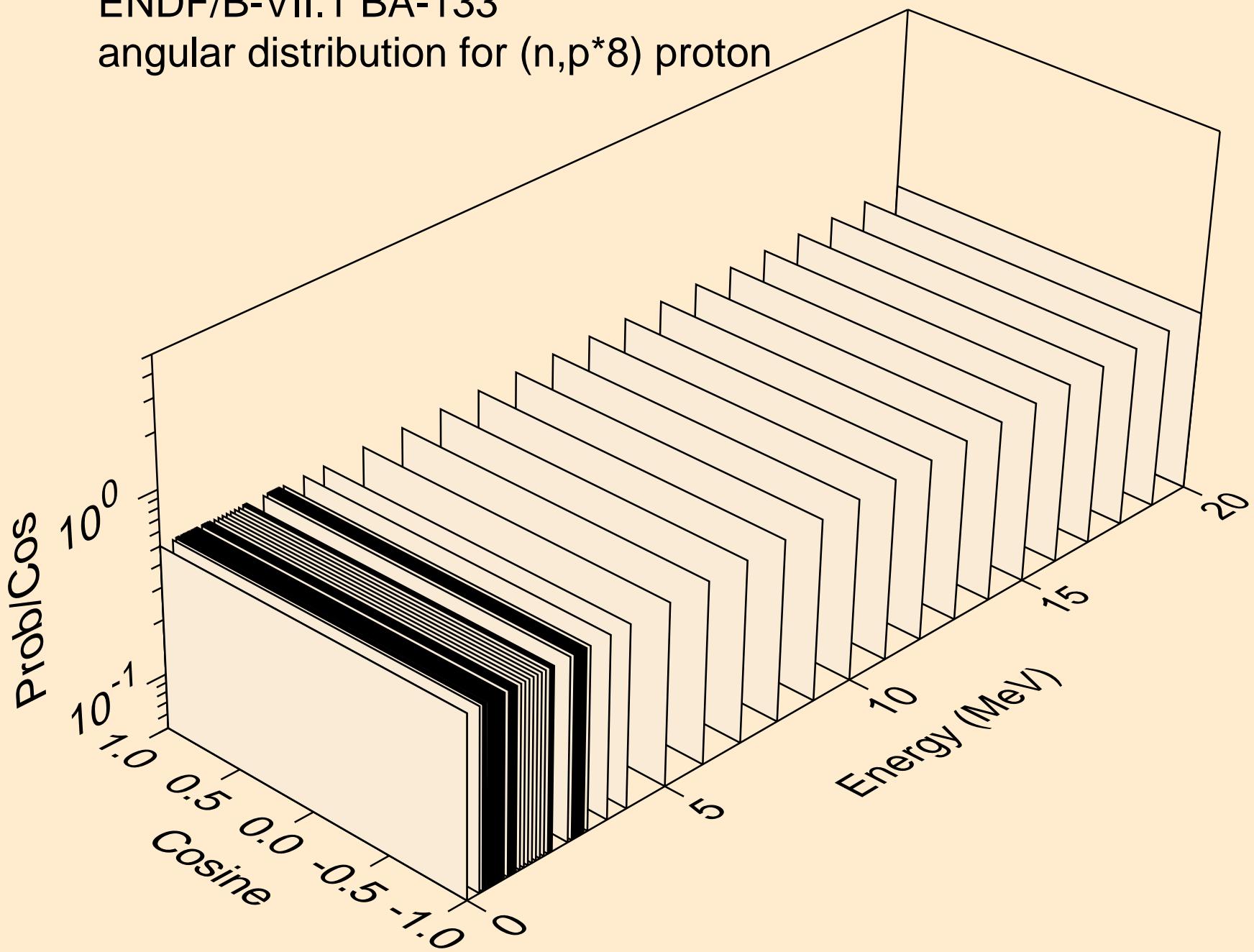
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angular distribution for  $(n,p^*6)$  proton



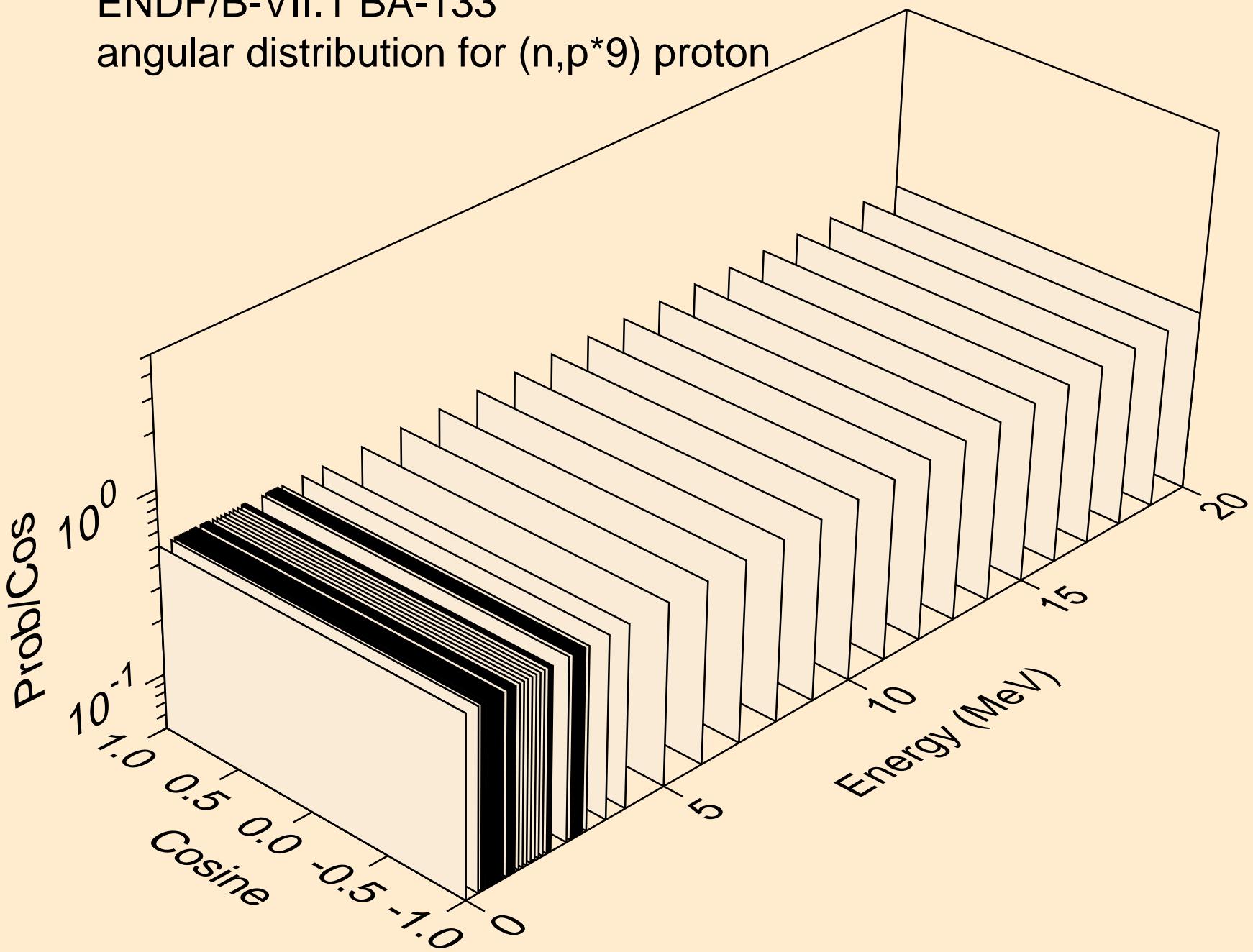
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angular distribution for  $(n,p^*7)$  proton



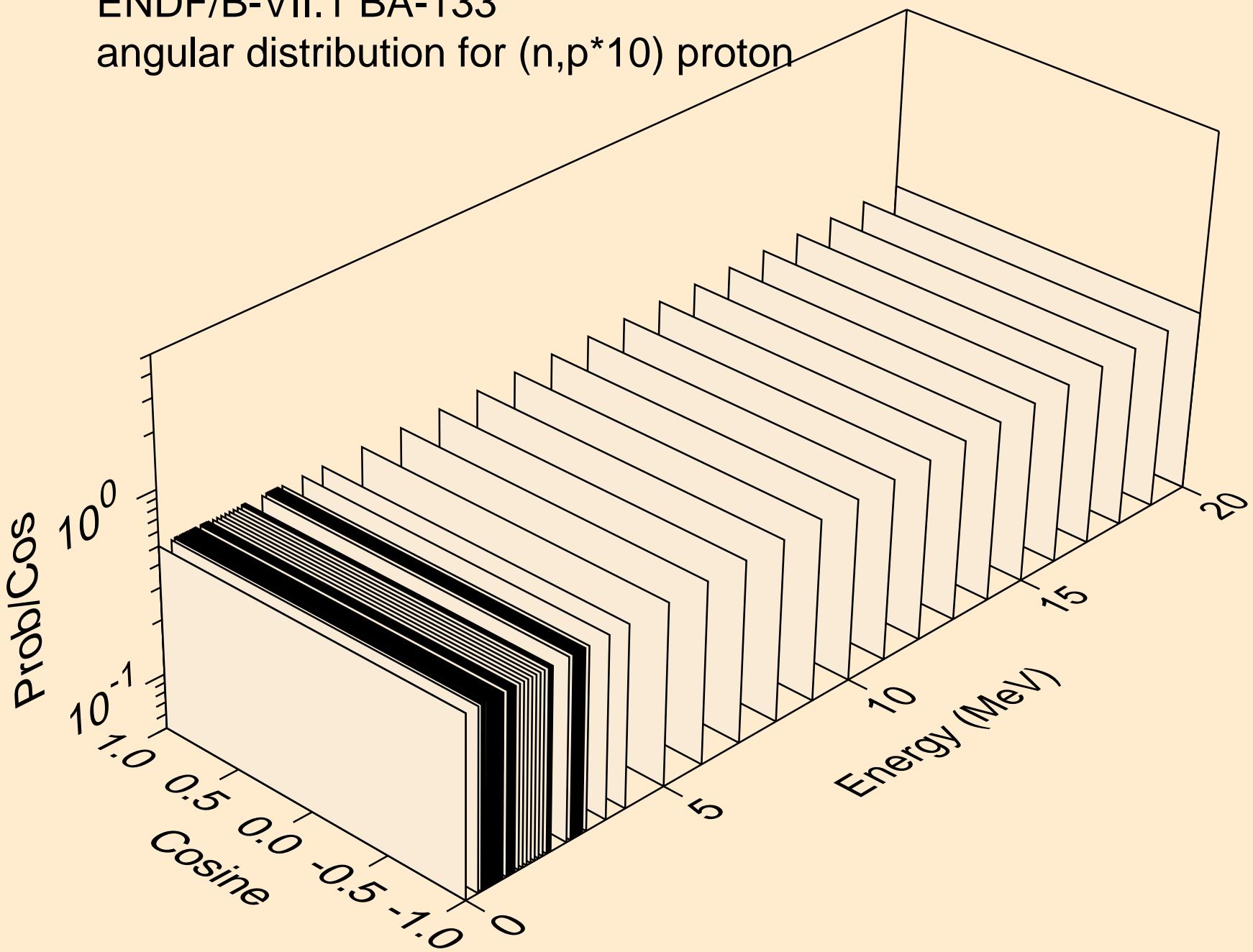
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angular distribution for  $(n,p^*8)$  proton



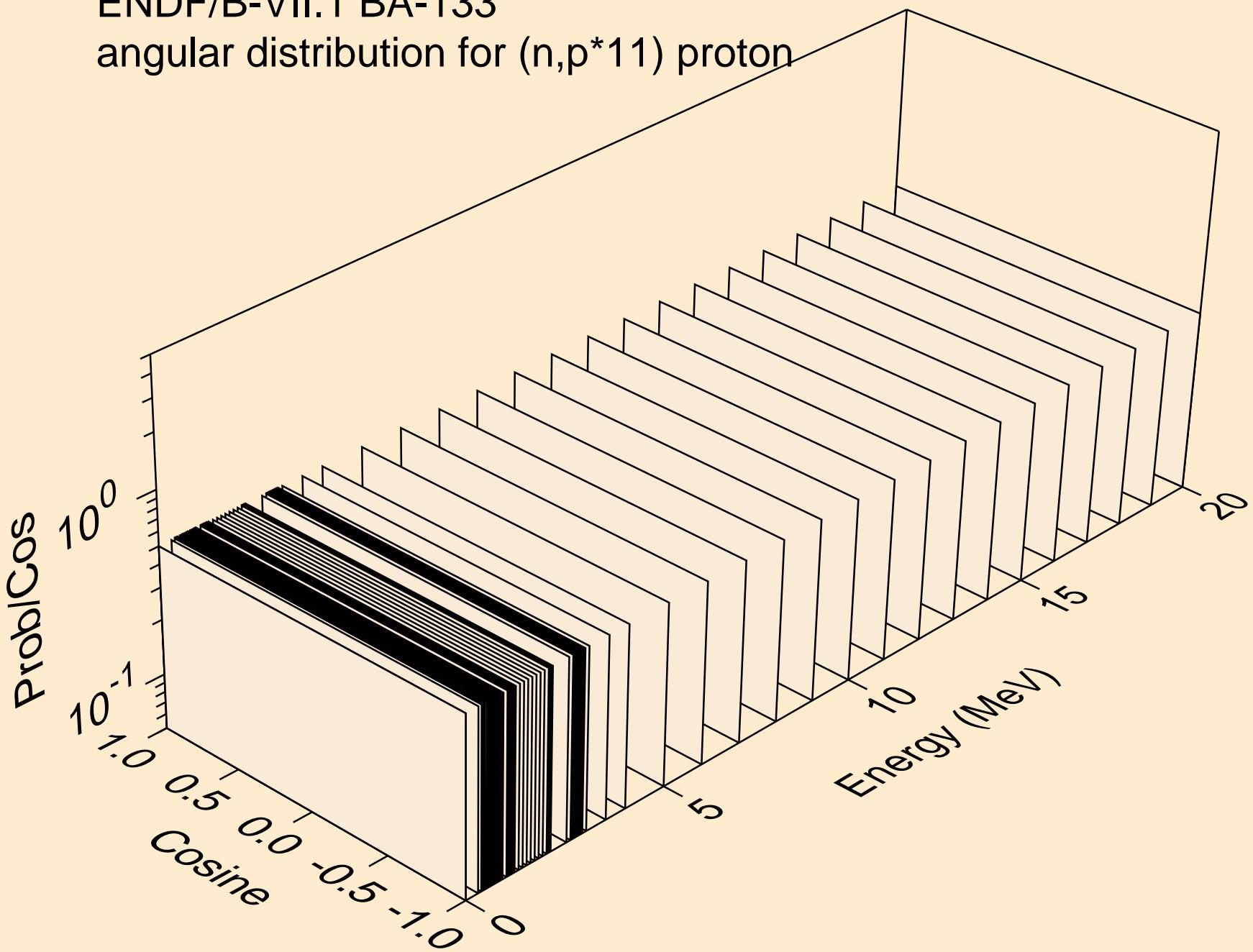
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angular distribution for  $(n,p^*9)$  proton



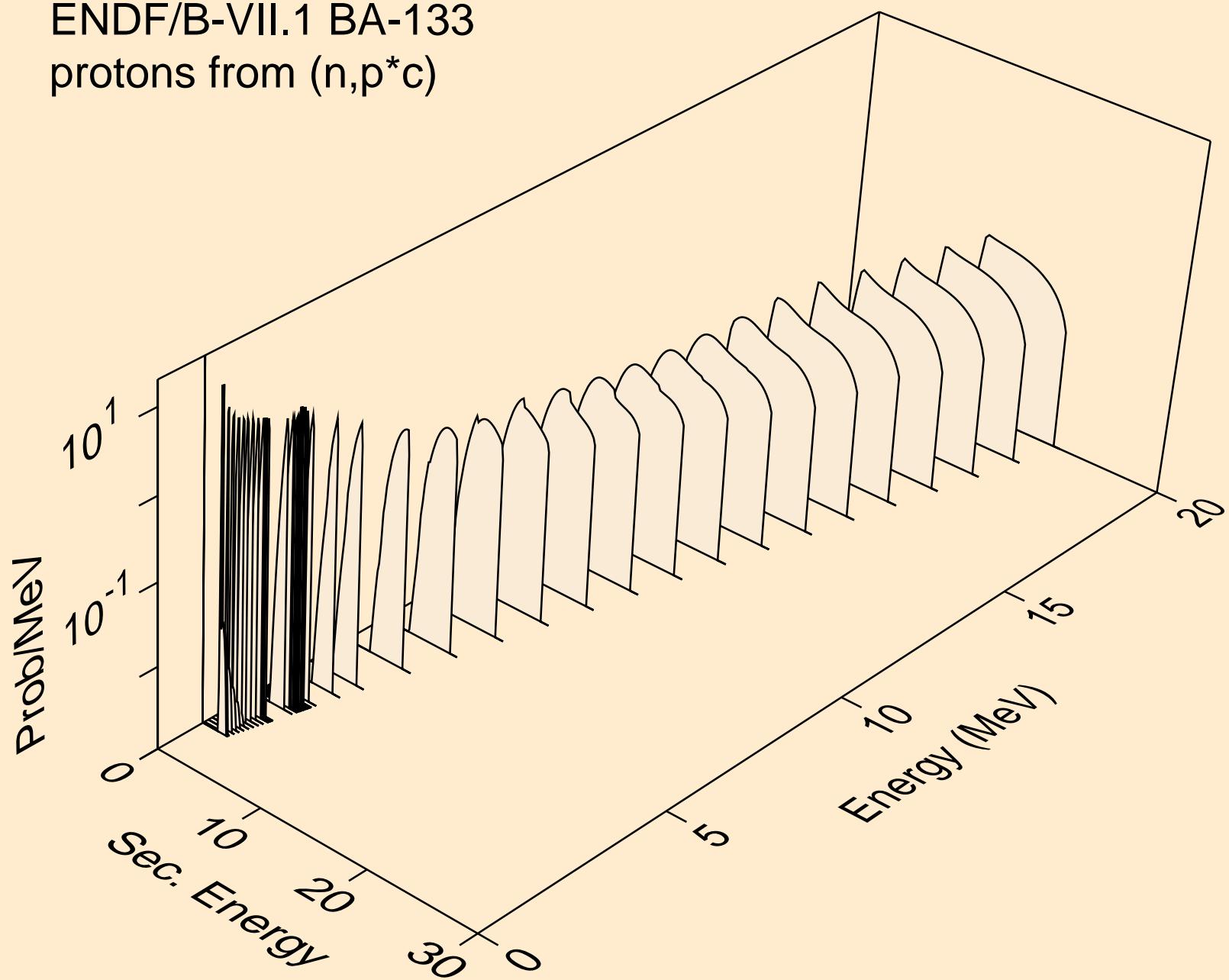
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angular distribution for ( $n,p^*10$ ) proton



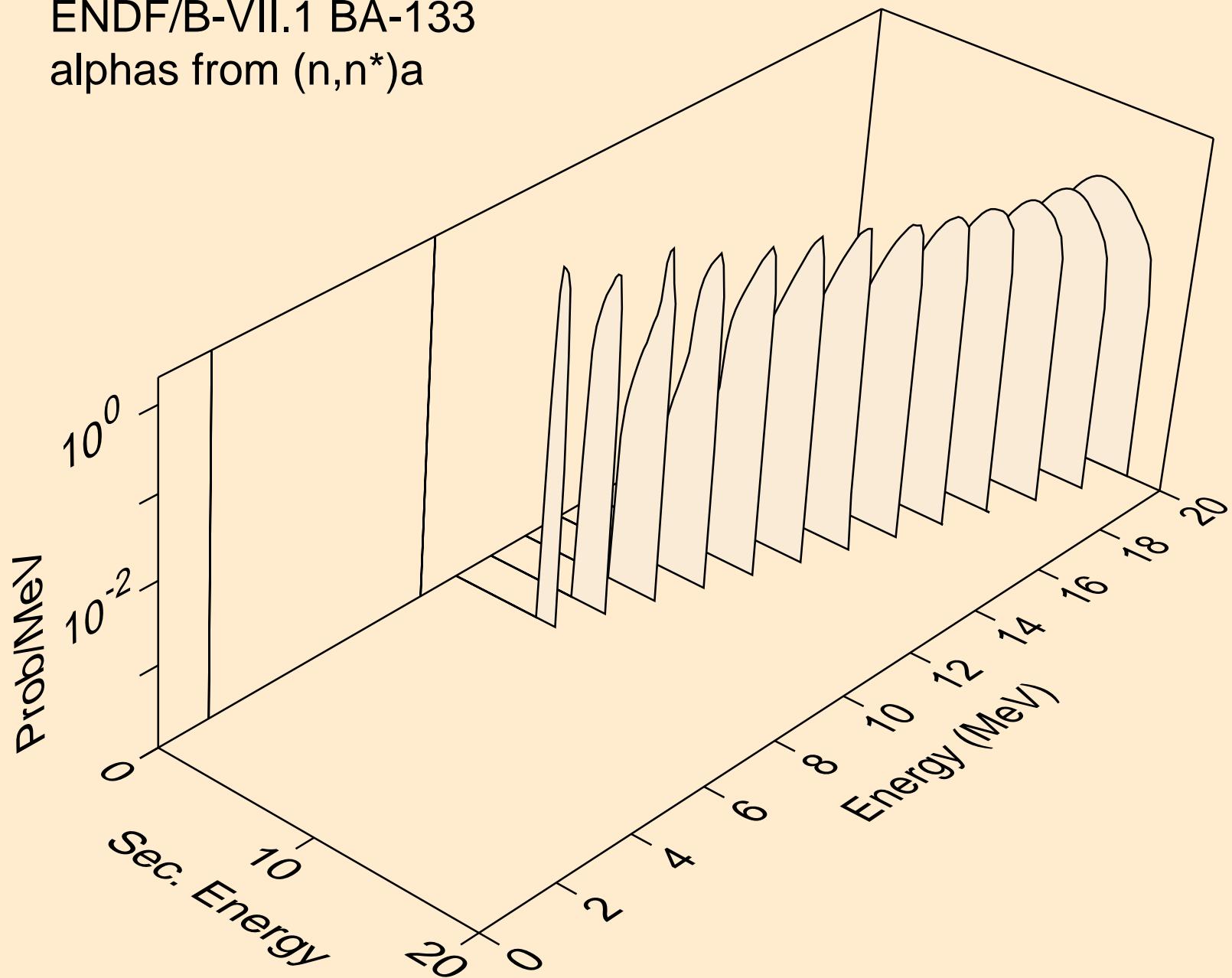
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angular distribution for ( $n,p^*11$ ) proton



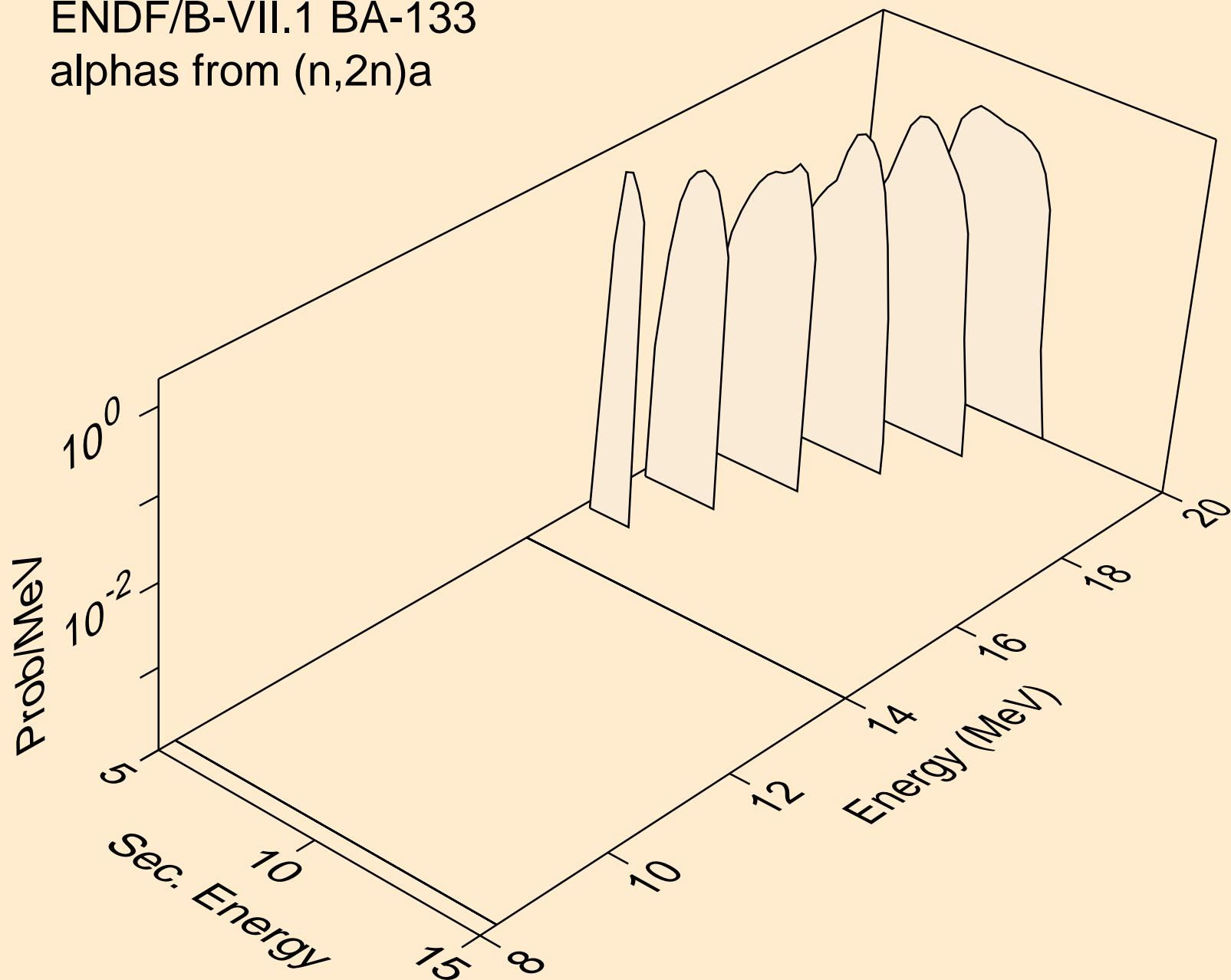
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protons from  $(n, p^* c)$



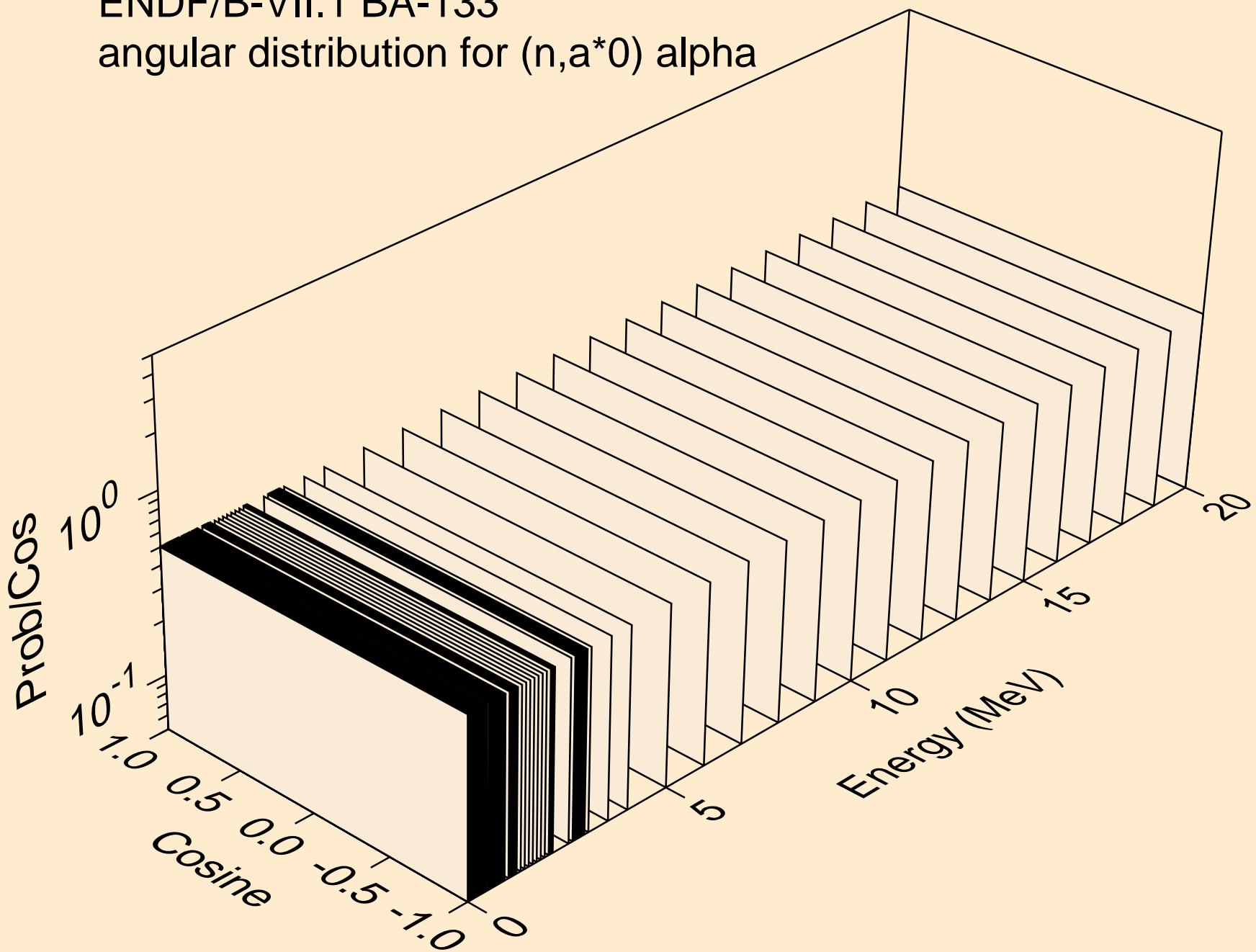
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alphas from  $(n,n^*)a$



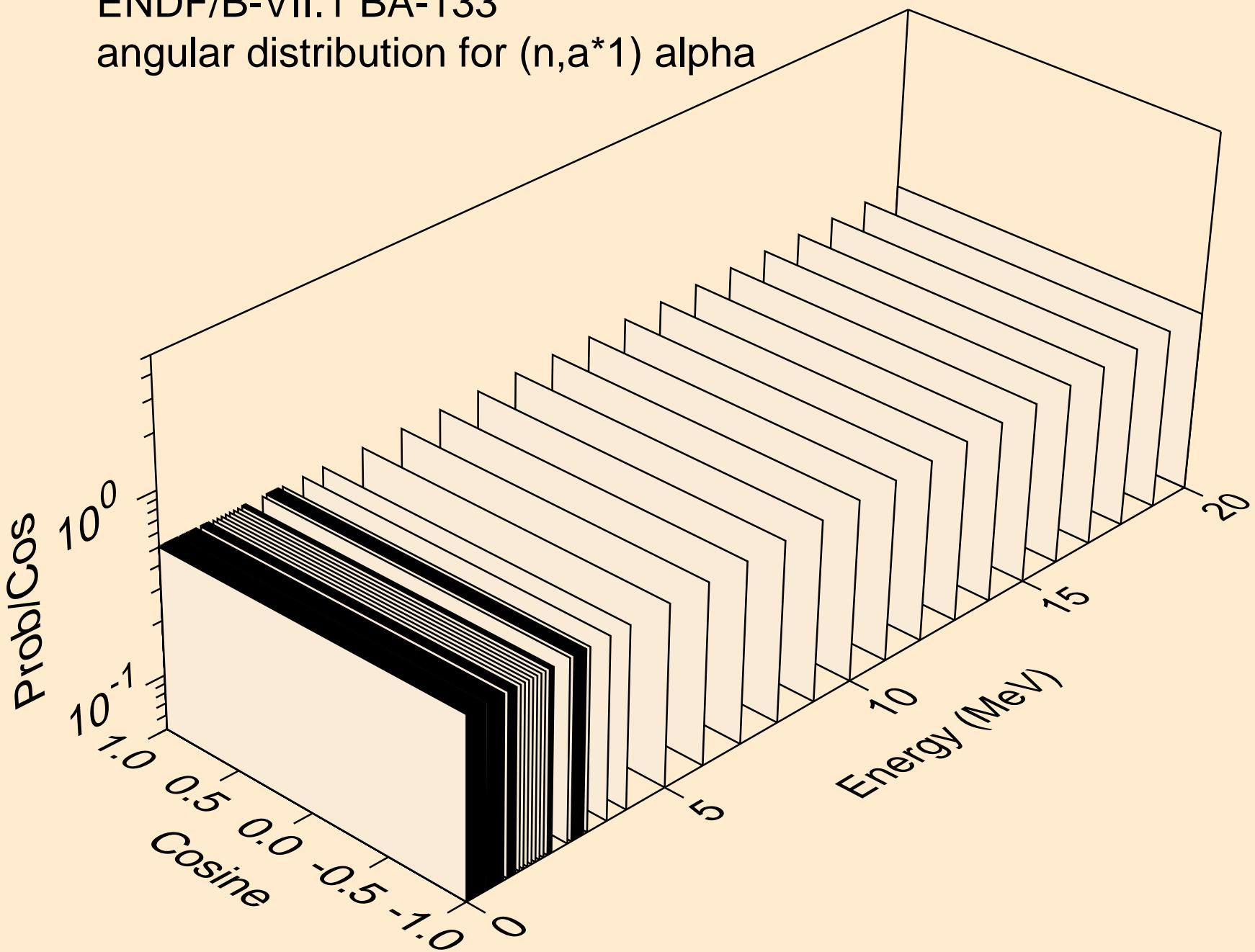
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alphas from  $(n,2n)a$



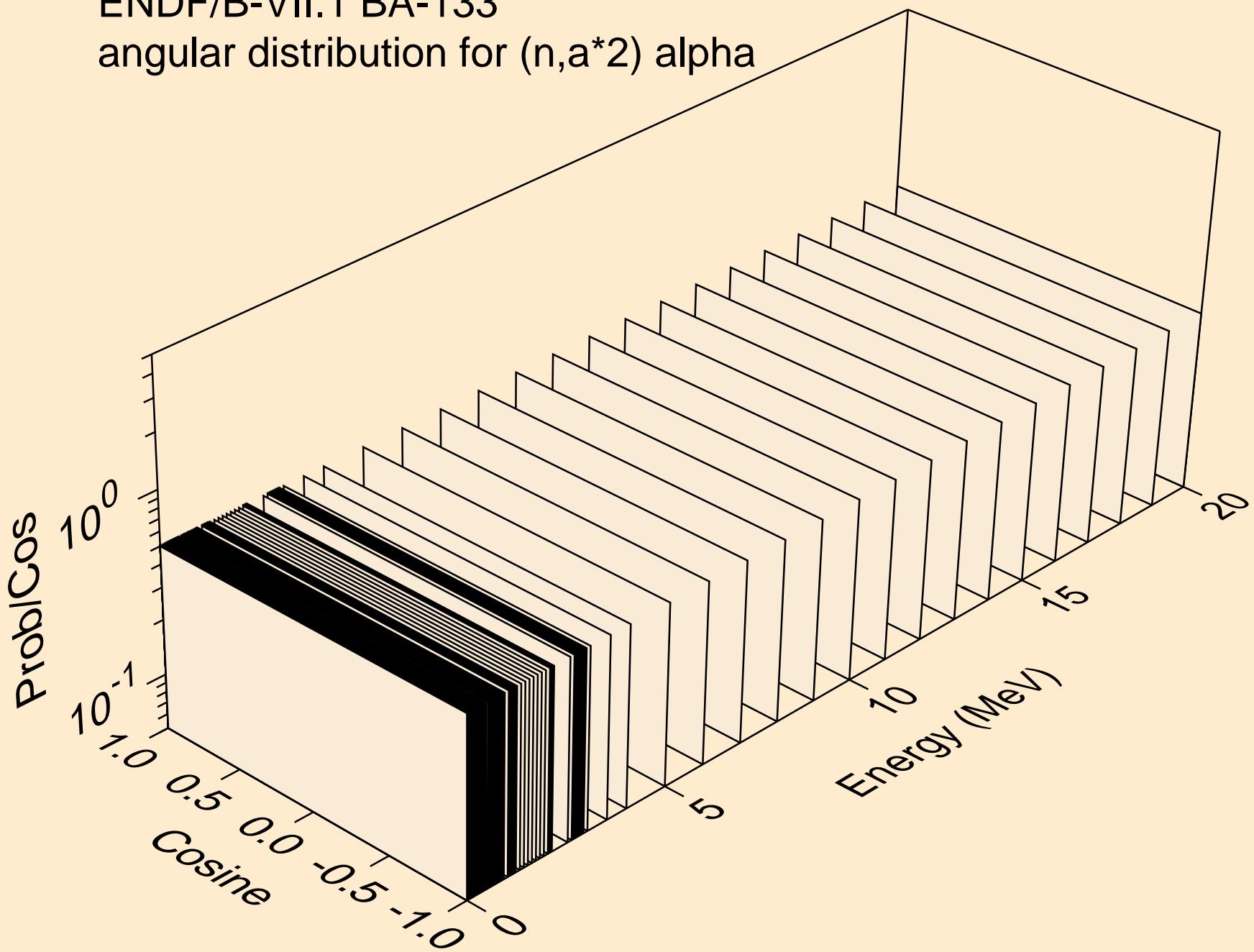
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angular distribution for  $(n,a^*0)$  alpha



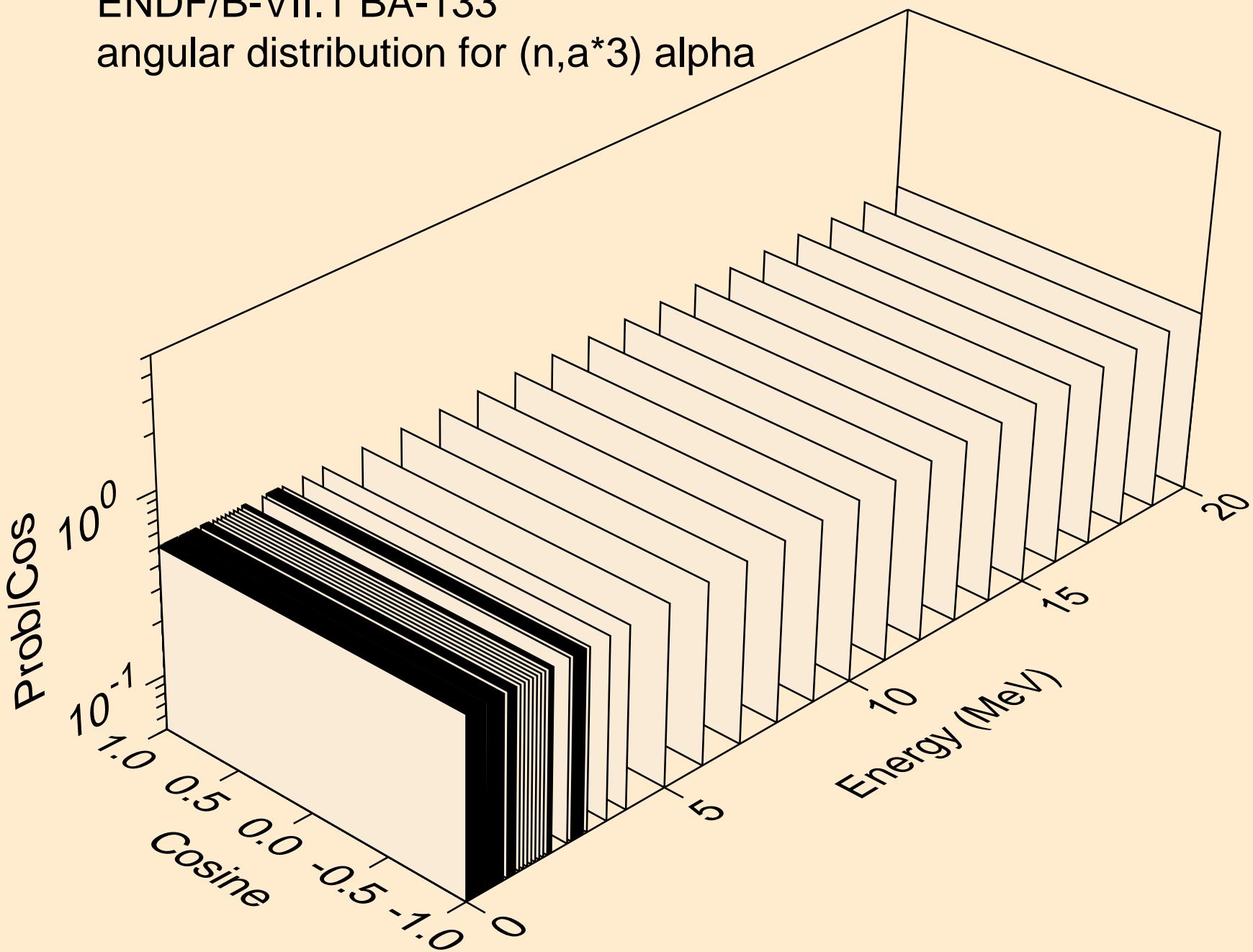
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angular distribution for (n,a\*1) alpha



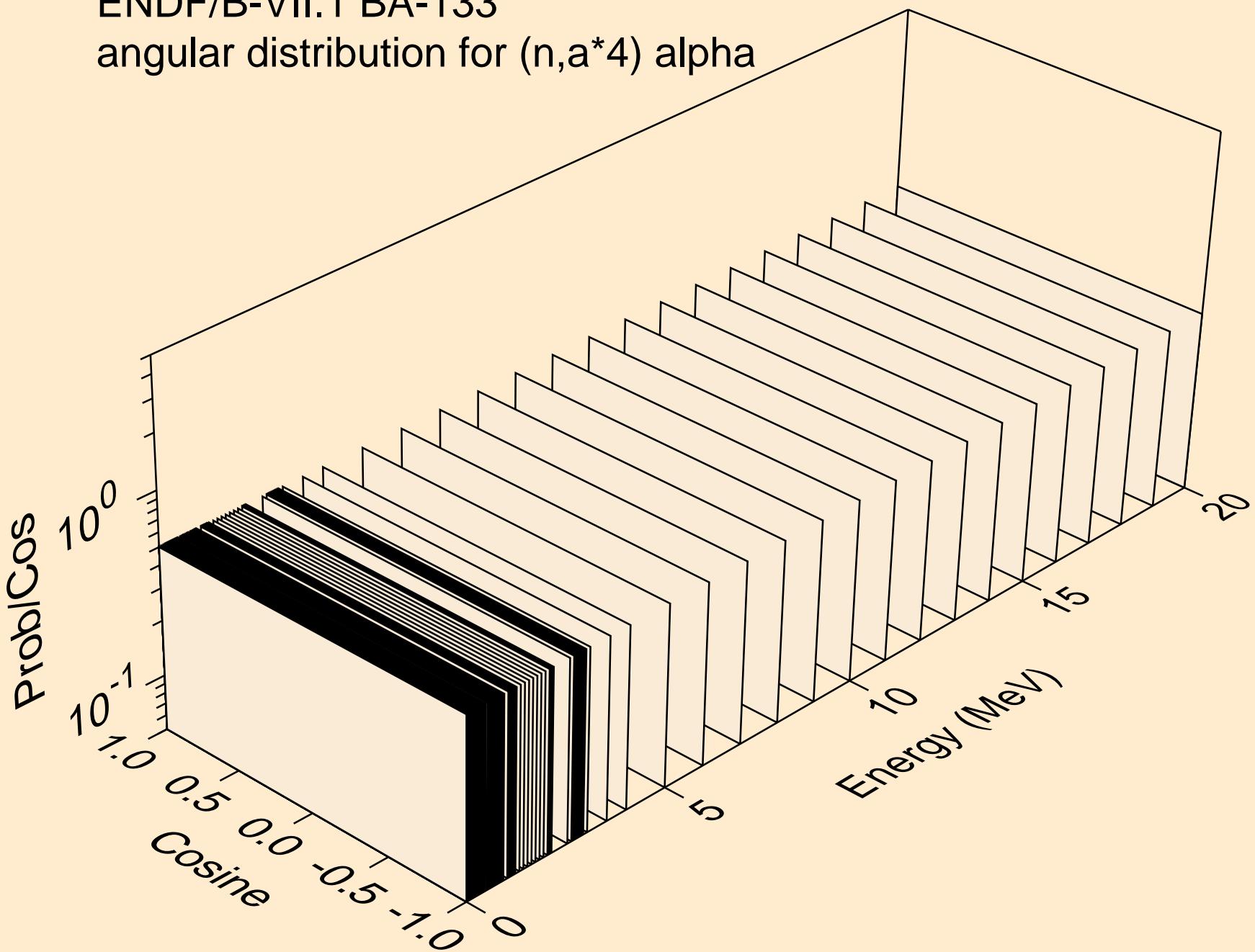
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angular distribution for  $(n,a^*)$  alpha



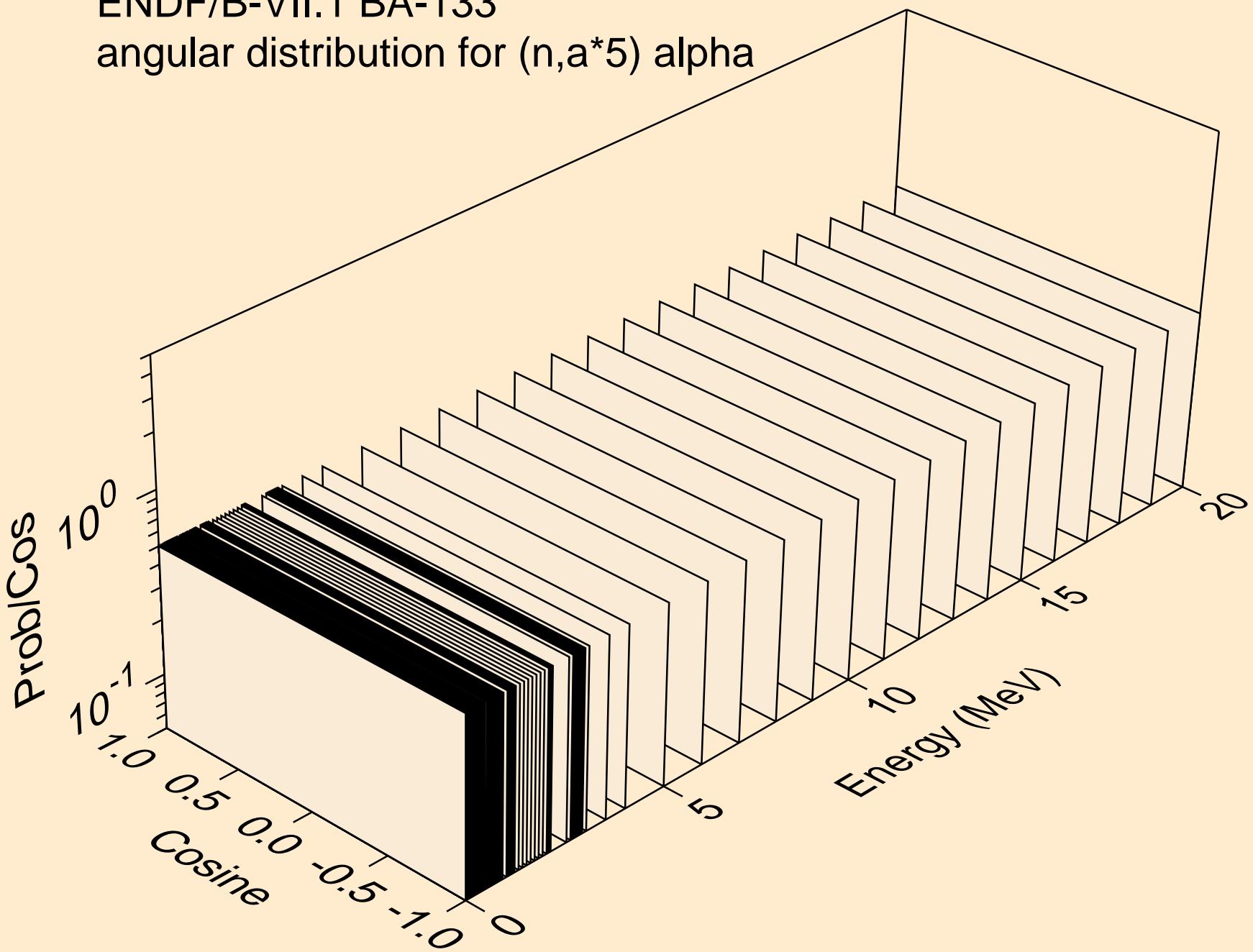
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angular distribution for (n,a\*3) alpha



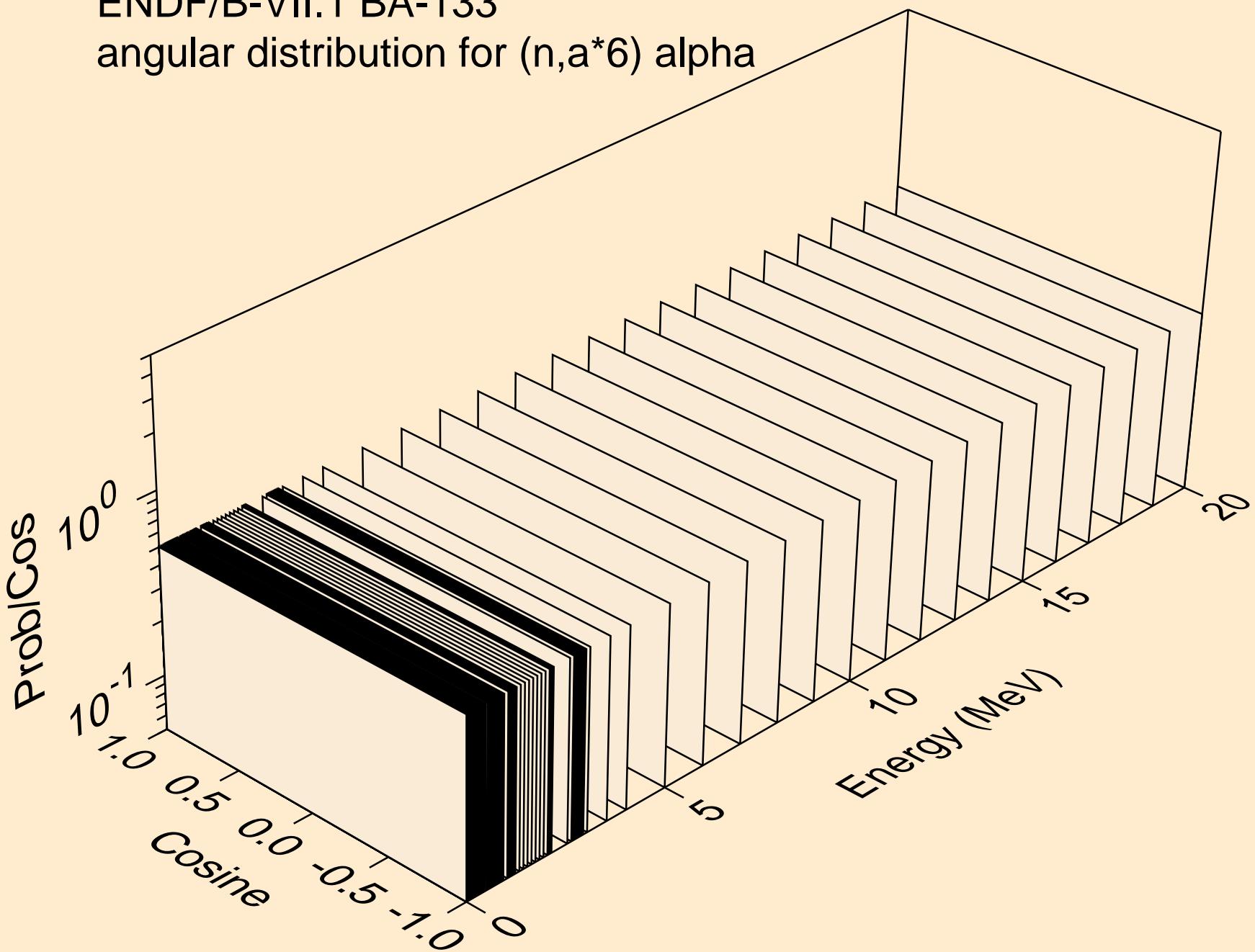
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angular distribution for (n,a\*4) alpha



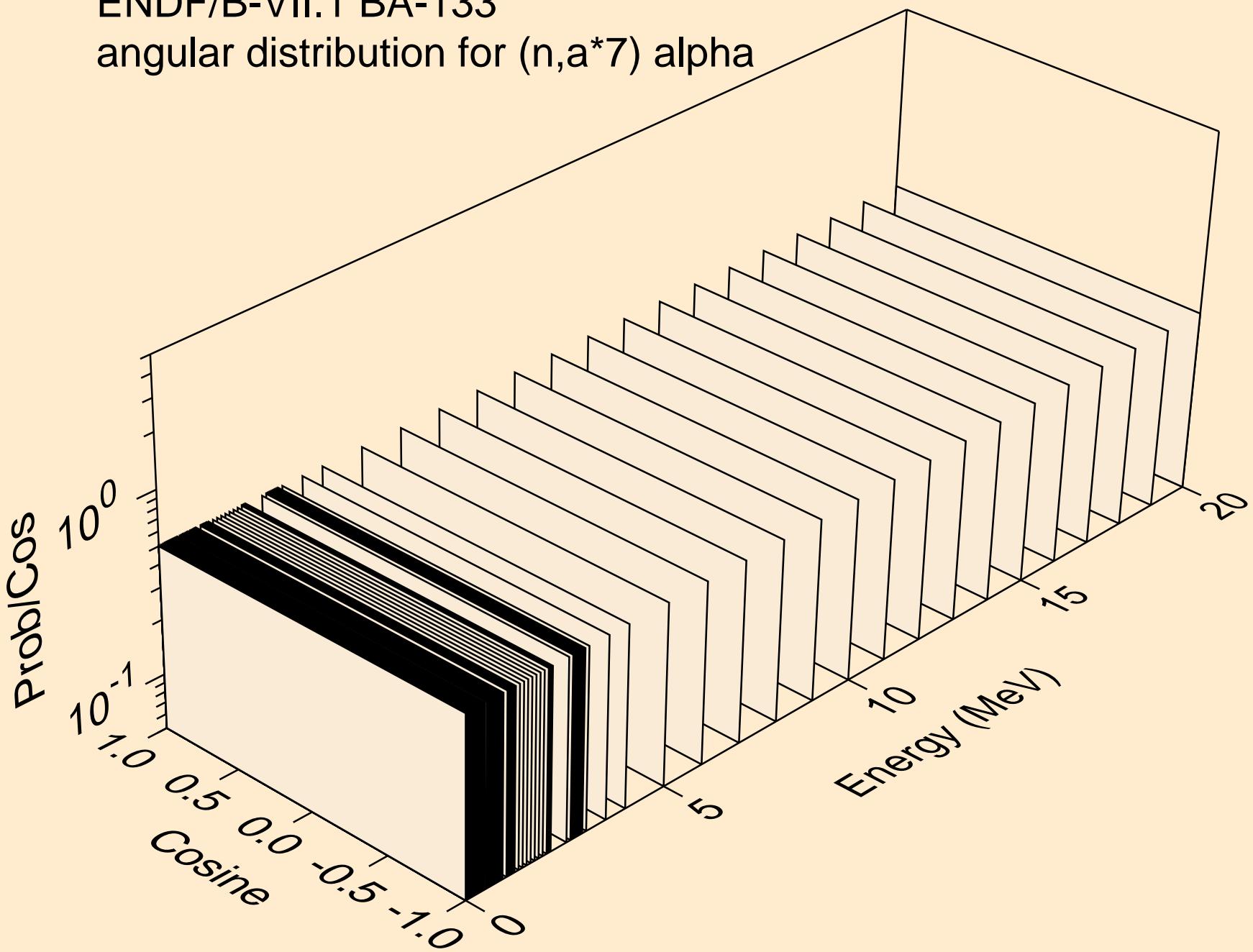
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angular distribution for (n,a\*5) alpha



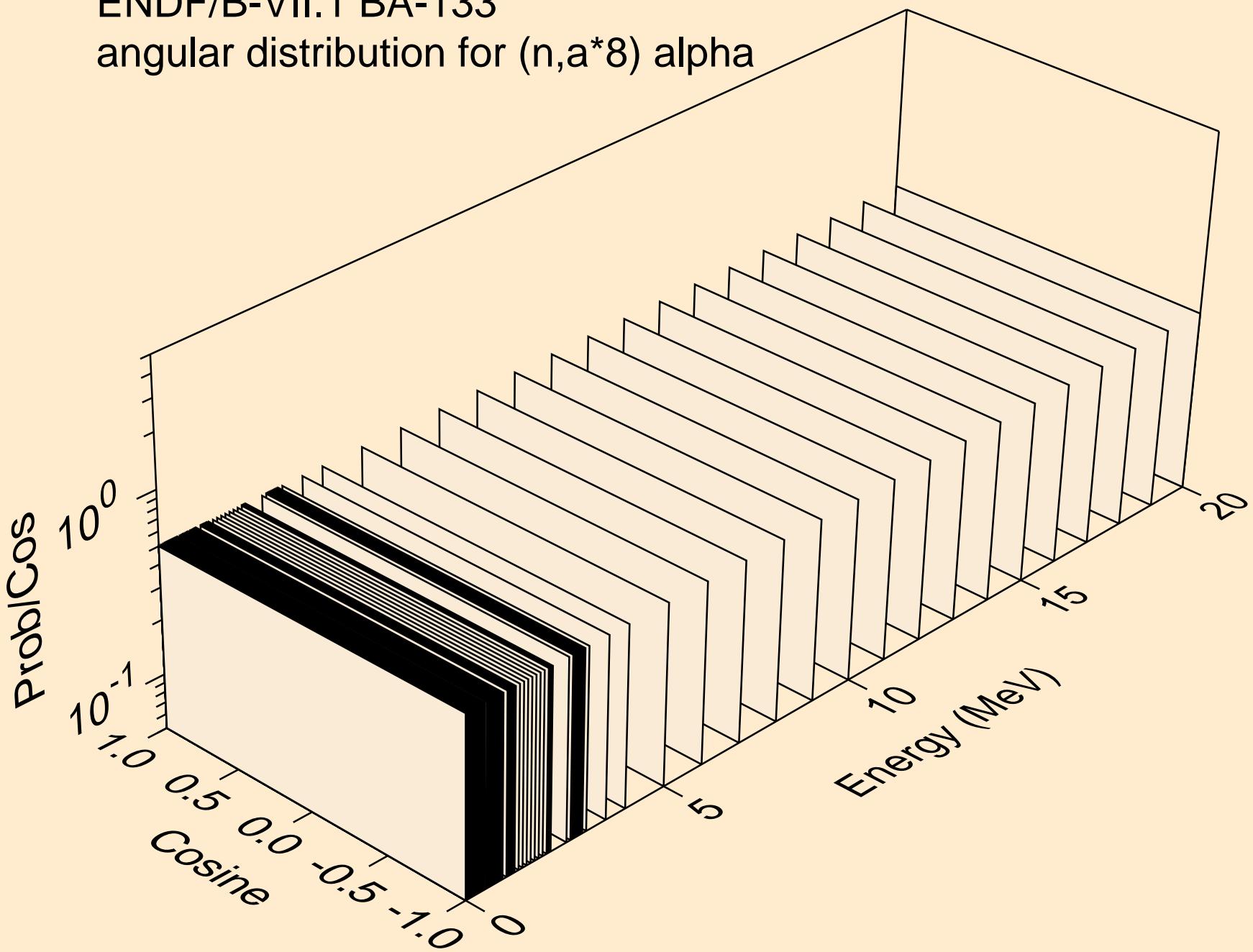
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angular distribution for (n,a\*6) alpha



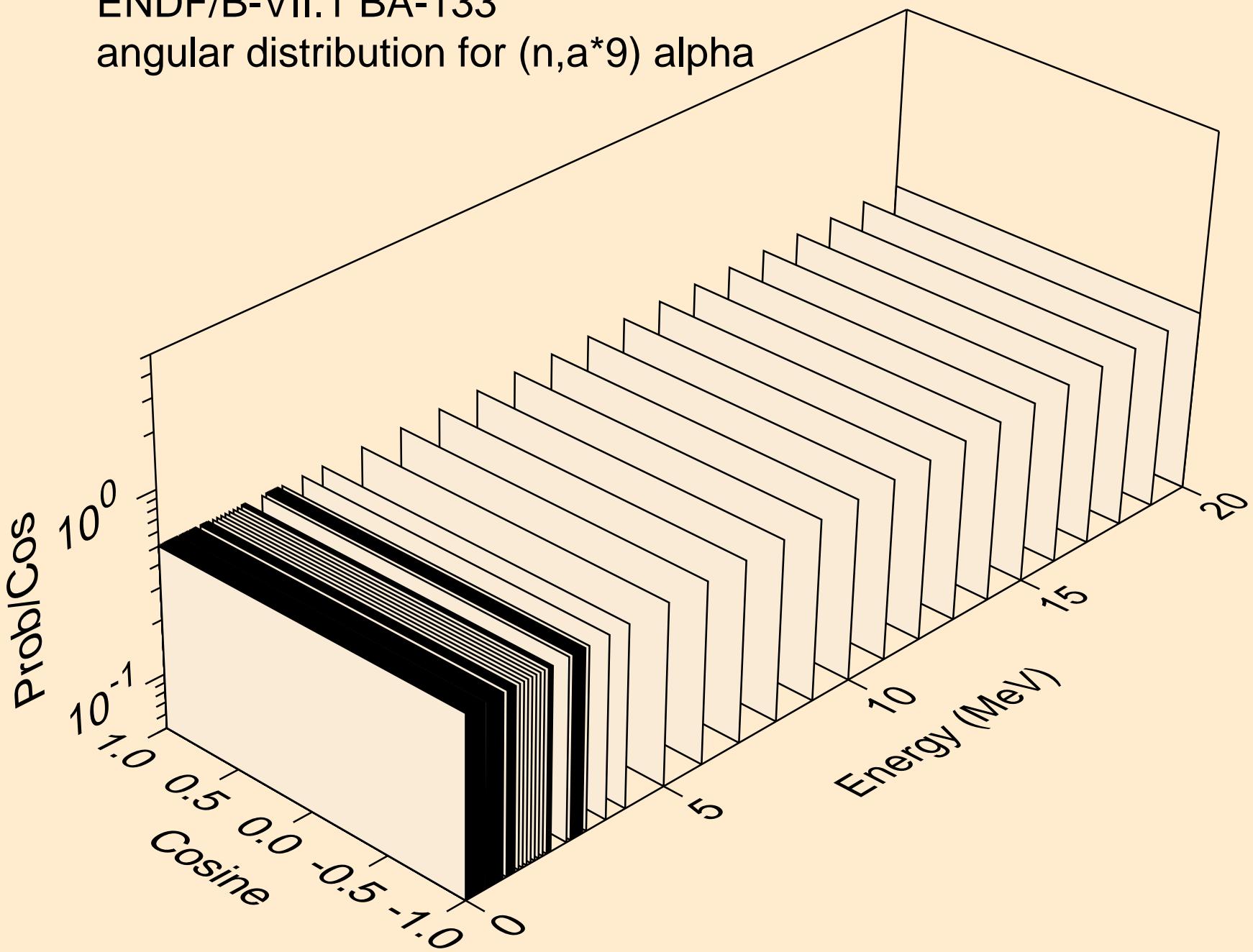
ENDF/B-VII.1 BA-133  
angular distribution for  $(n,a^*7)$  alpha



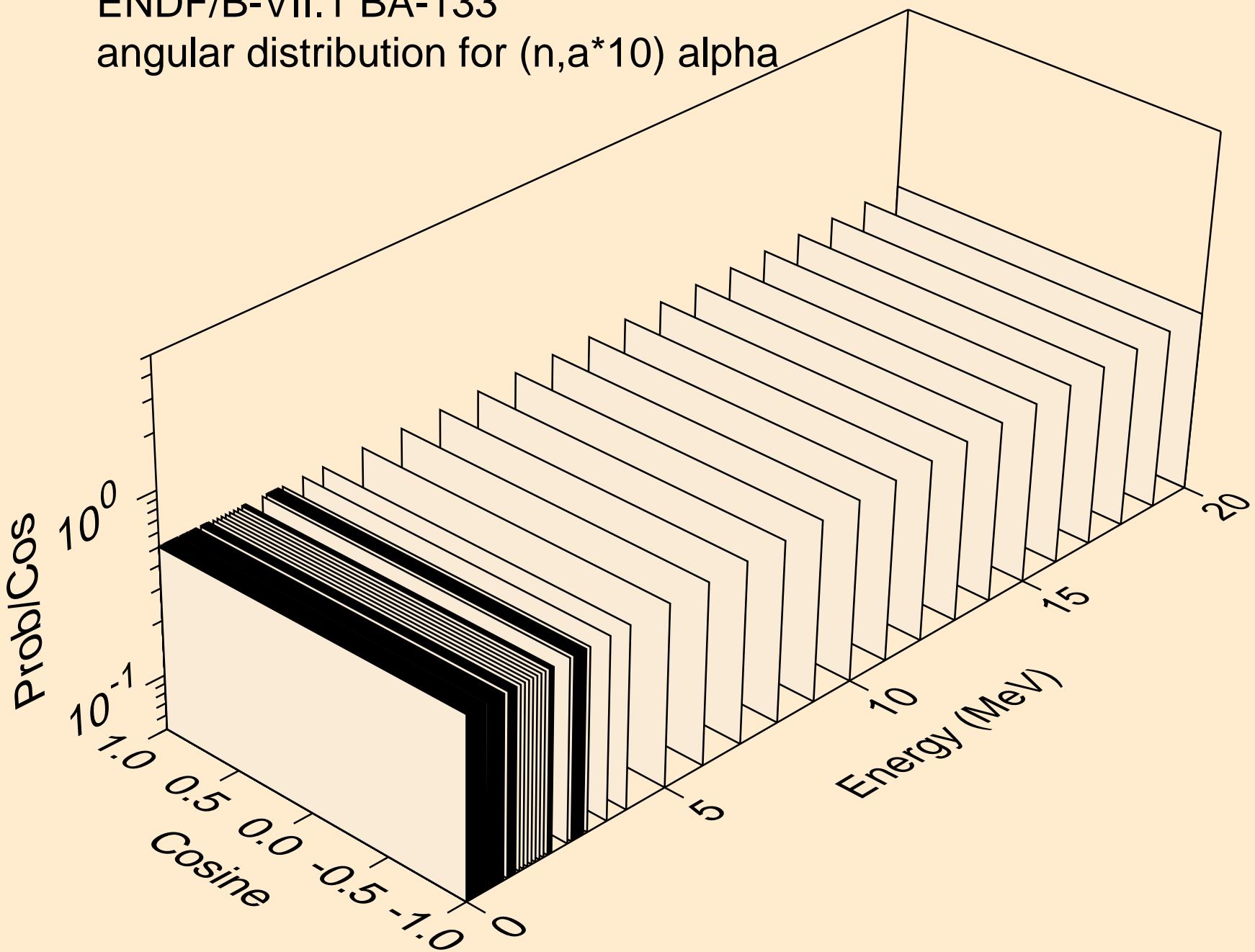
ENDF/B-VII.1 BA-133  
angular distribution for (n,a\*8) alpha



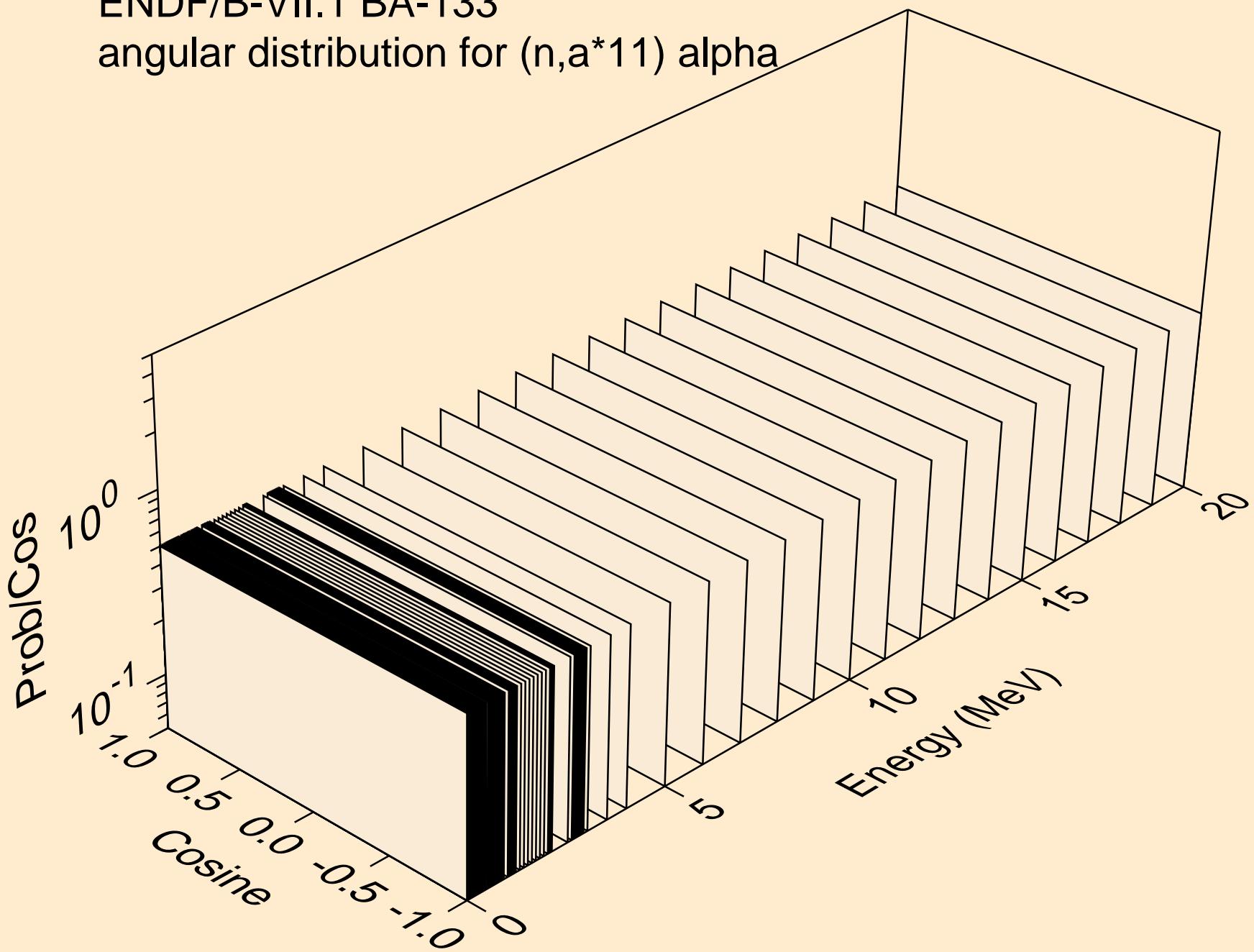
ENDF/B-VII.1 BA-133  
angular distribution for (n,a\*9) alpha



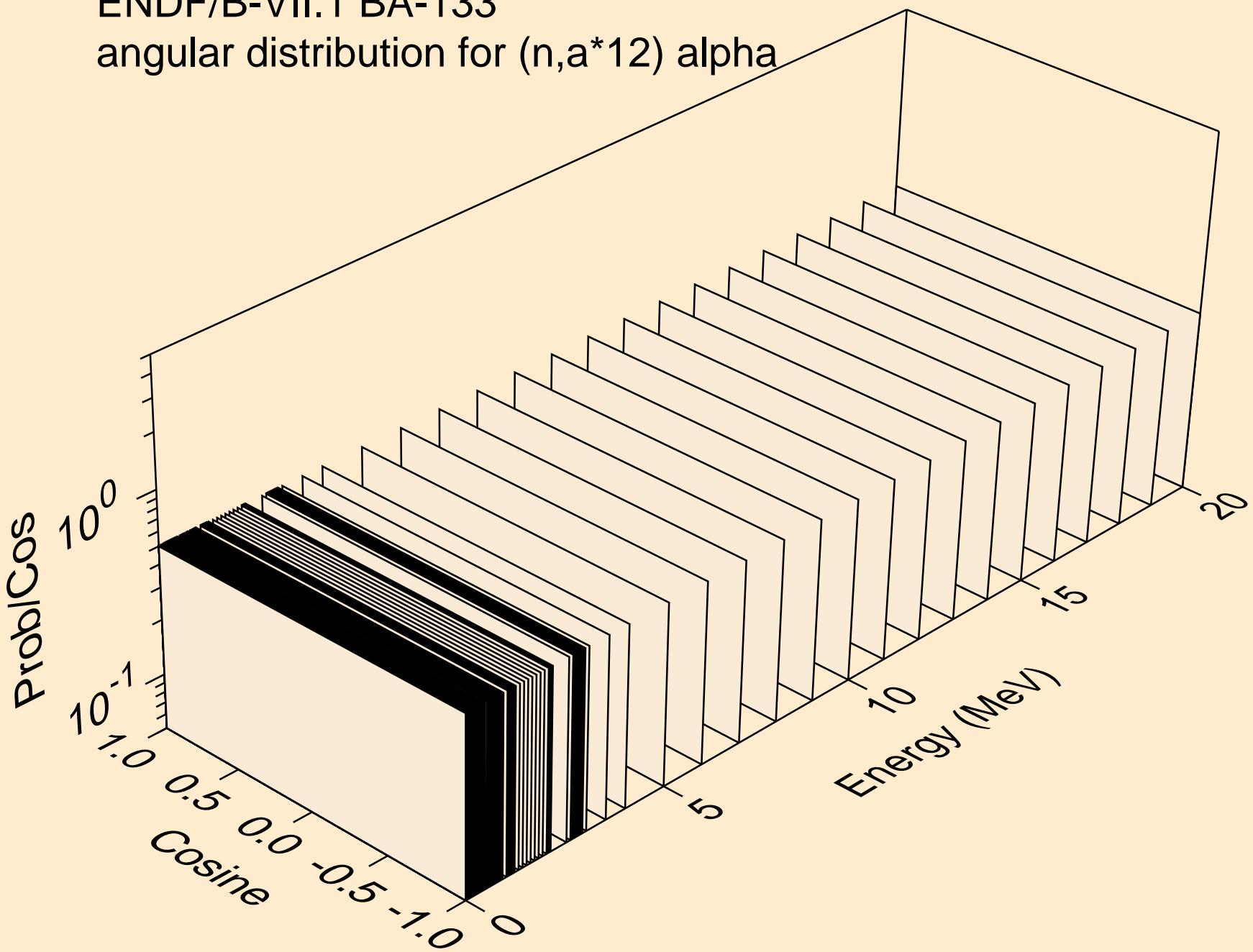
ENDF/B-VII.1 BA-133  
angular distribution for (n,a\*10) alpha



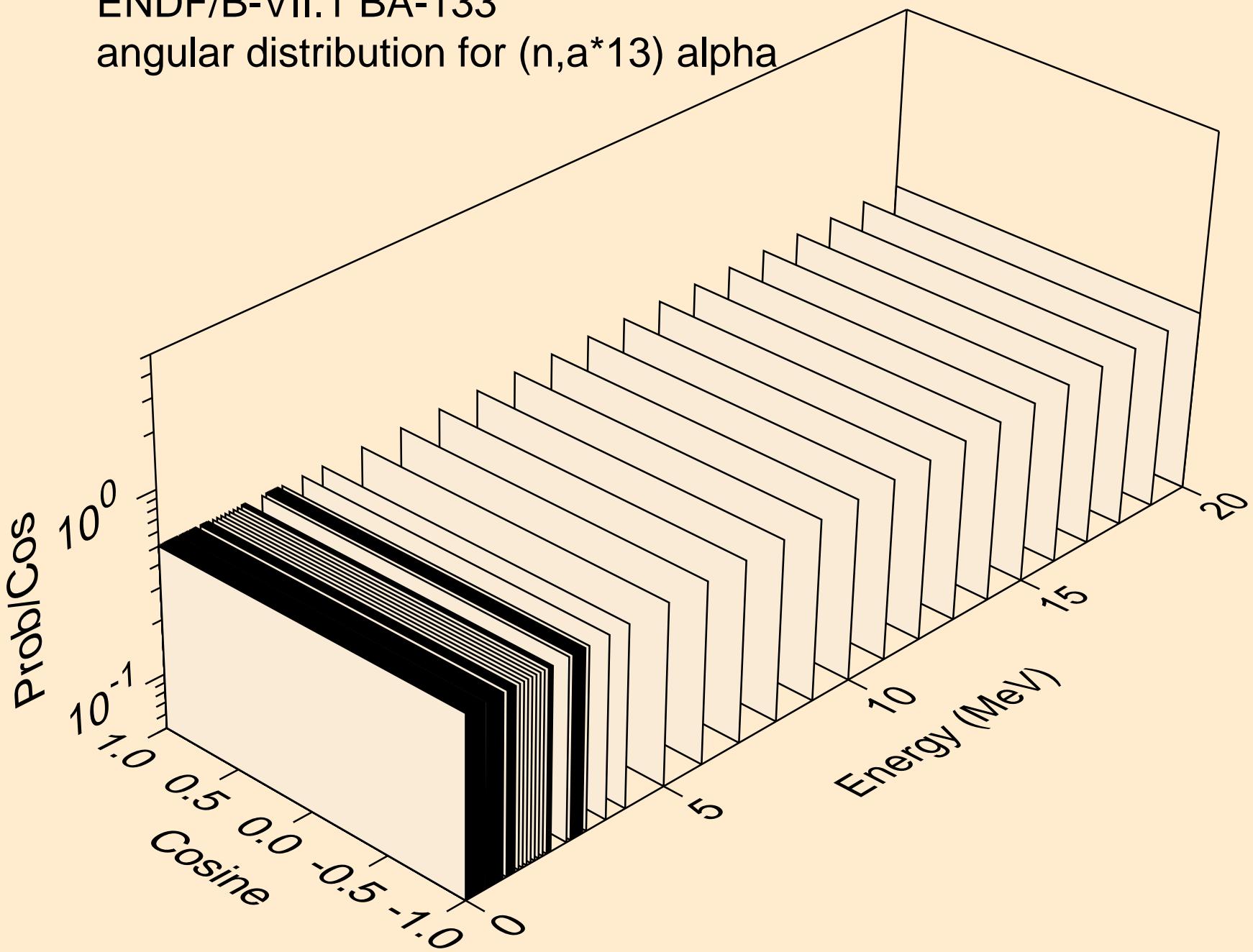
ENDF/B-VII.1 BA-133  
angular distribution for (n,a\*11) alpha



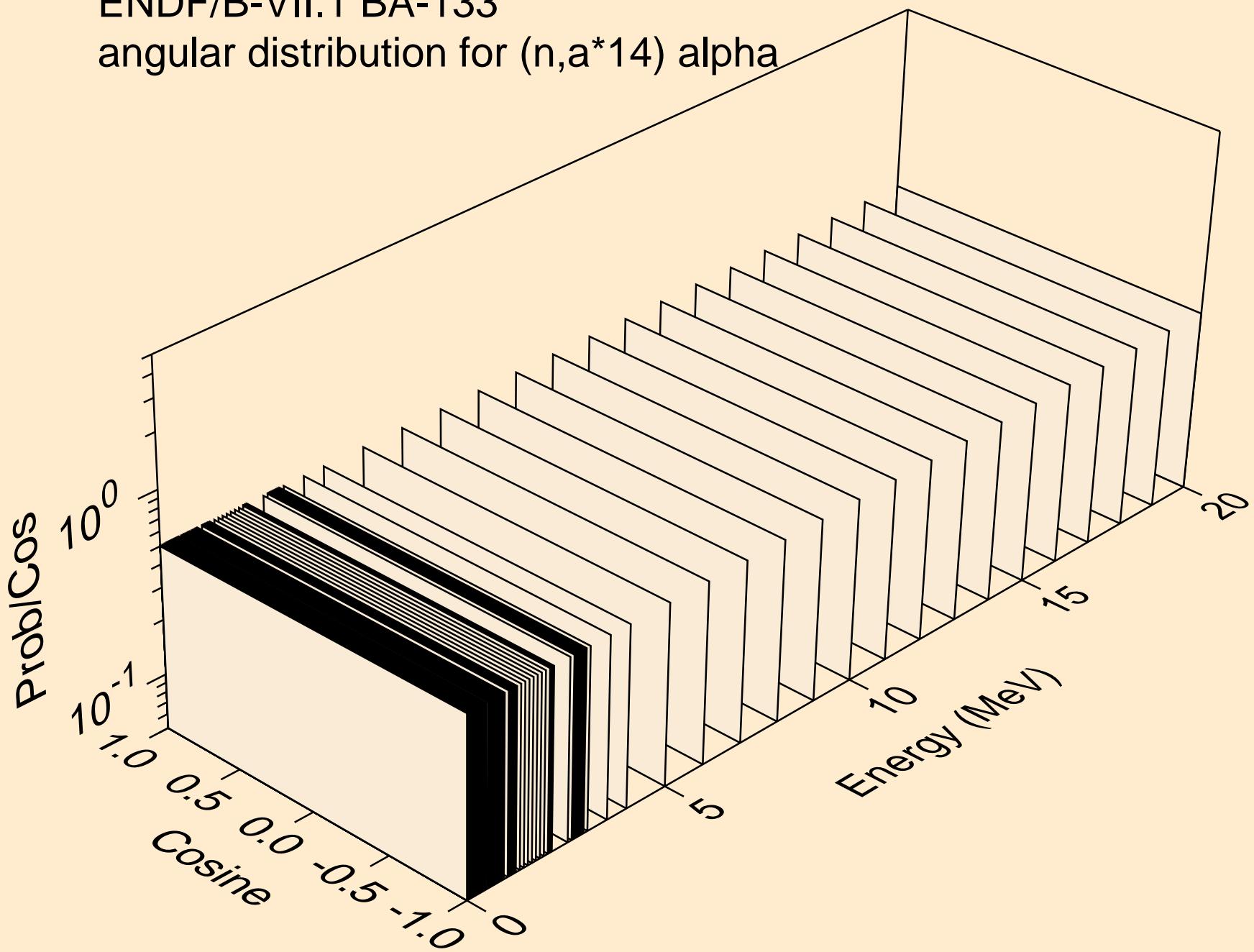
ENDF/B-VII.1 BA-133  
angular distribution for (n,a\*12) alpha



ENDF/B-VII.1 BA-133  
angular distribution for (n,a\*13) alpha



ENDF/B-VII.1 BA-133  
angular distribution for ( $n,a^*14$ ) alpha



ENDF/B-VII.1 BA-133  
alphas from  $(n, a^* c)$

