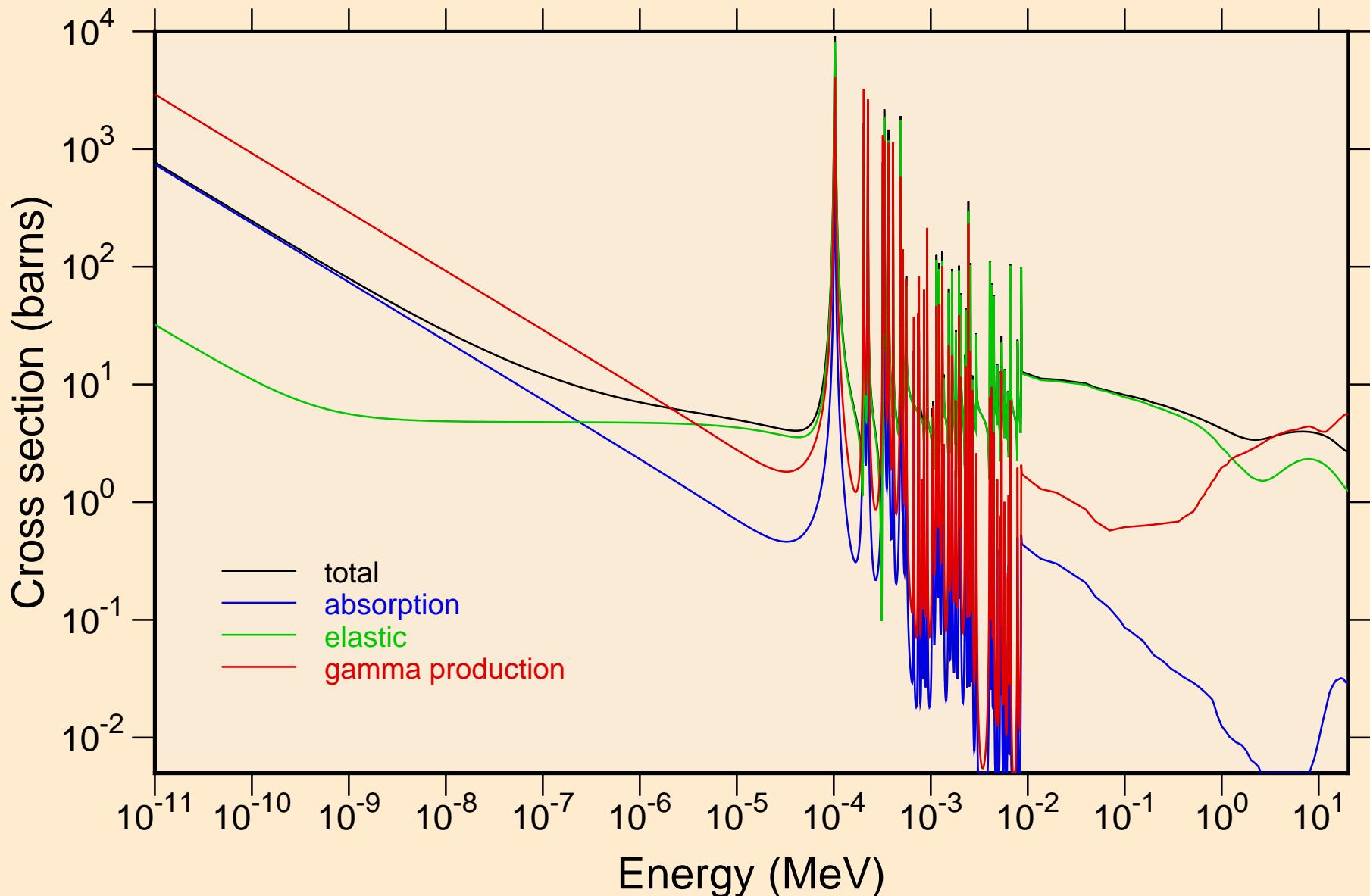
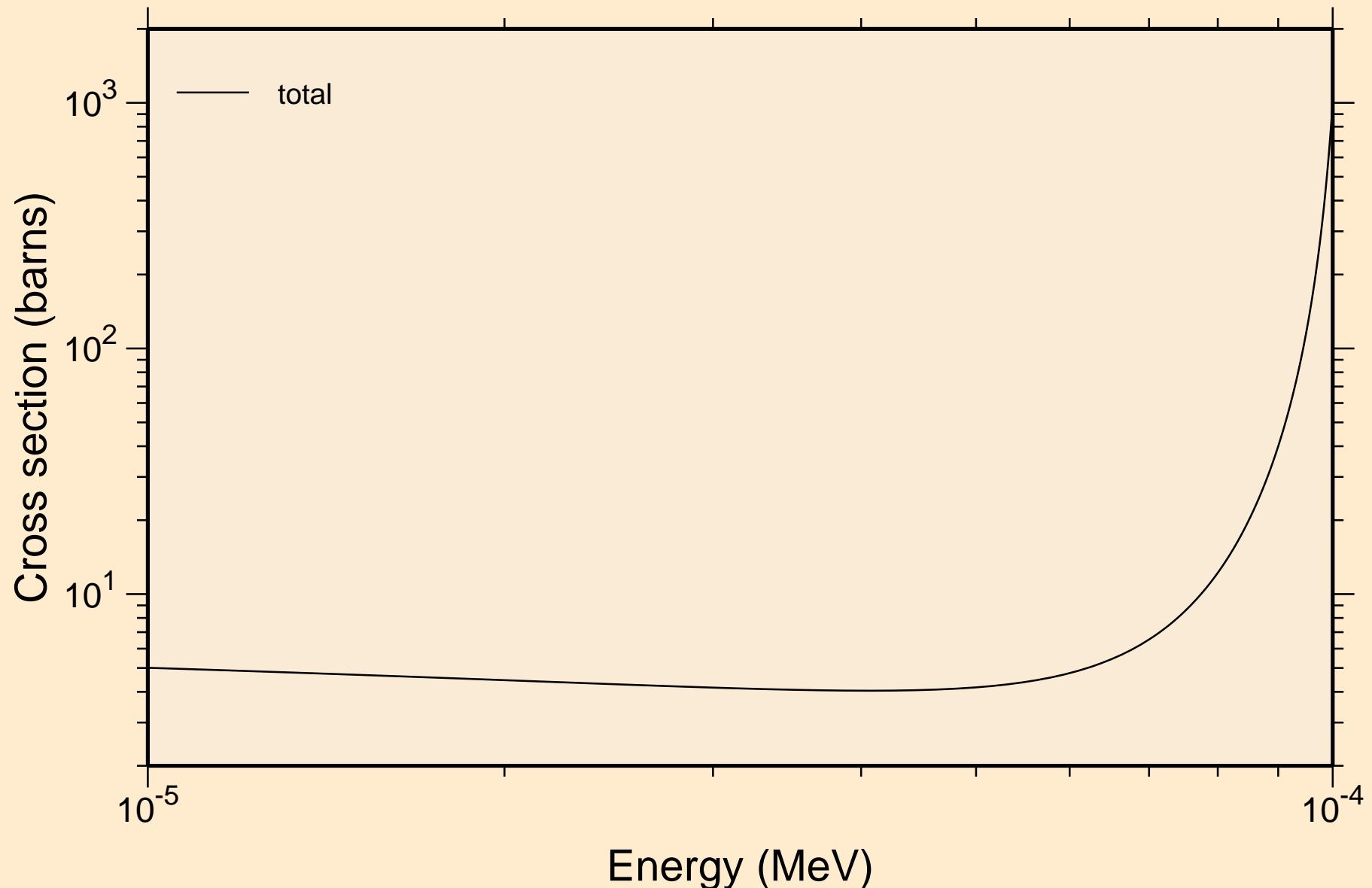


# ENDF/B-VII.1 GE-73

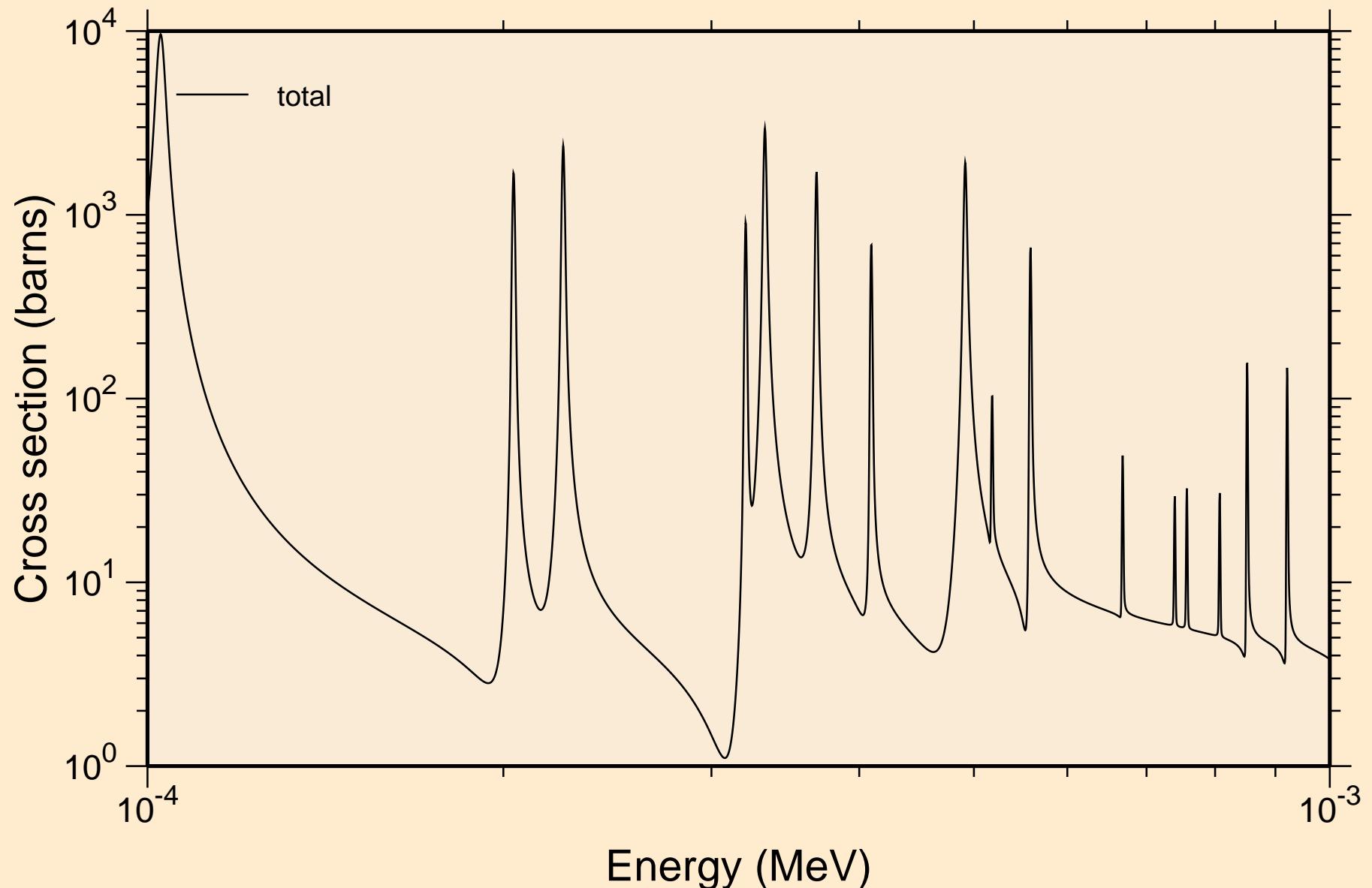
## Principal cross sections



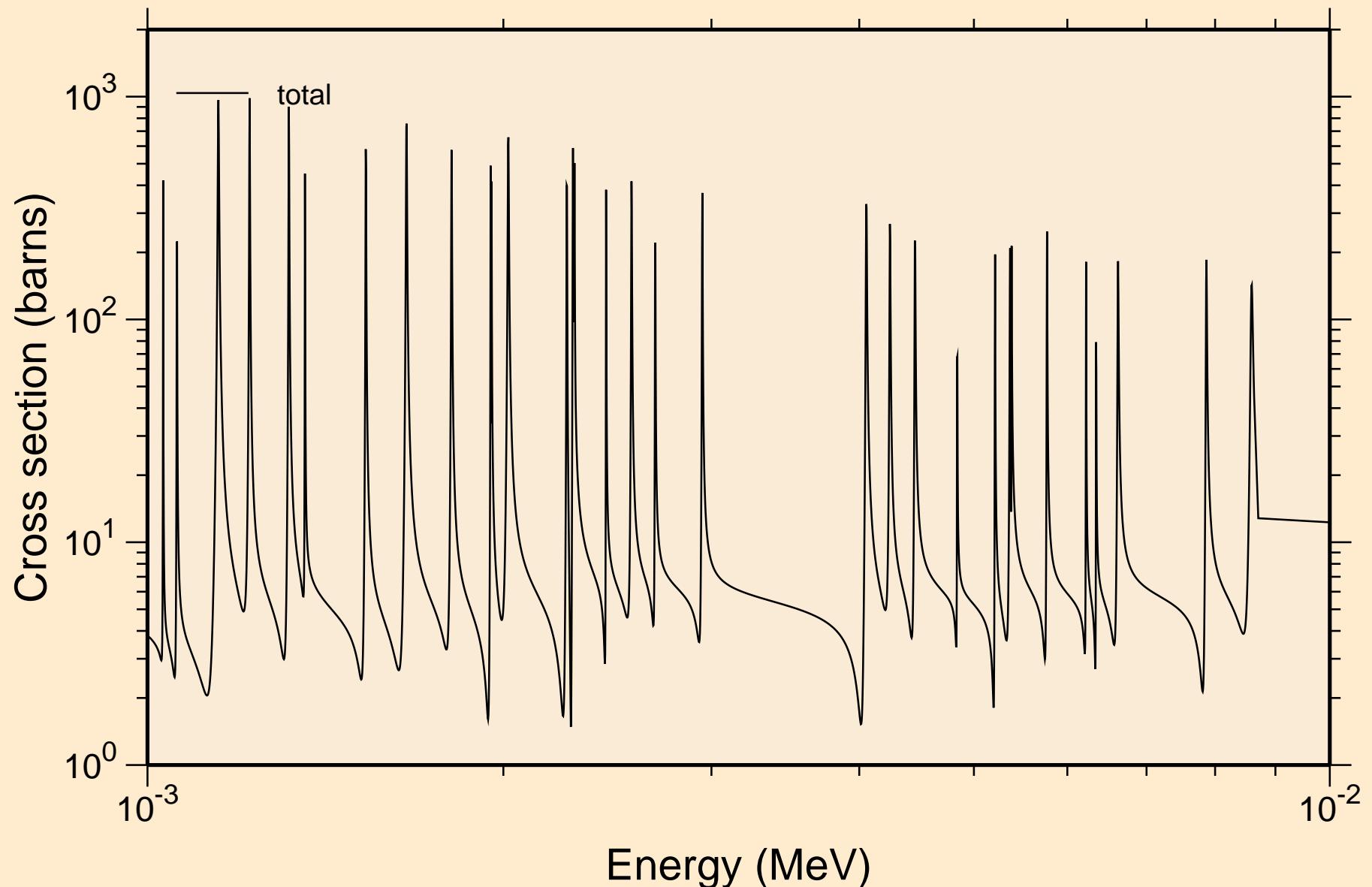
ENDF/B-VII.1 GE-73  
resonance total cross section



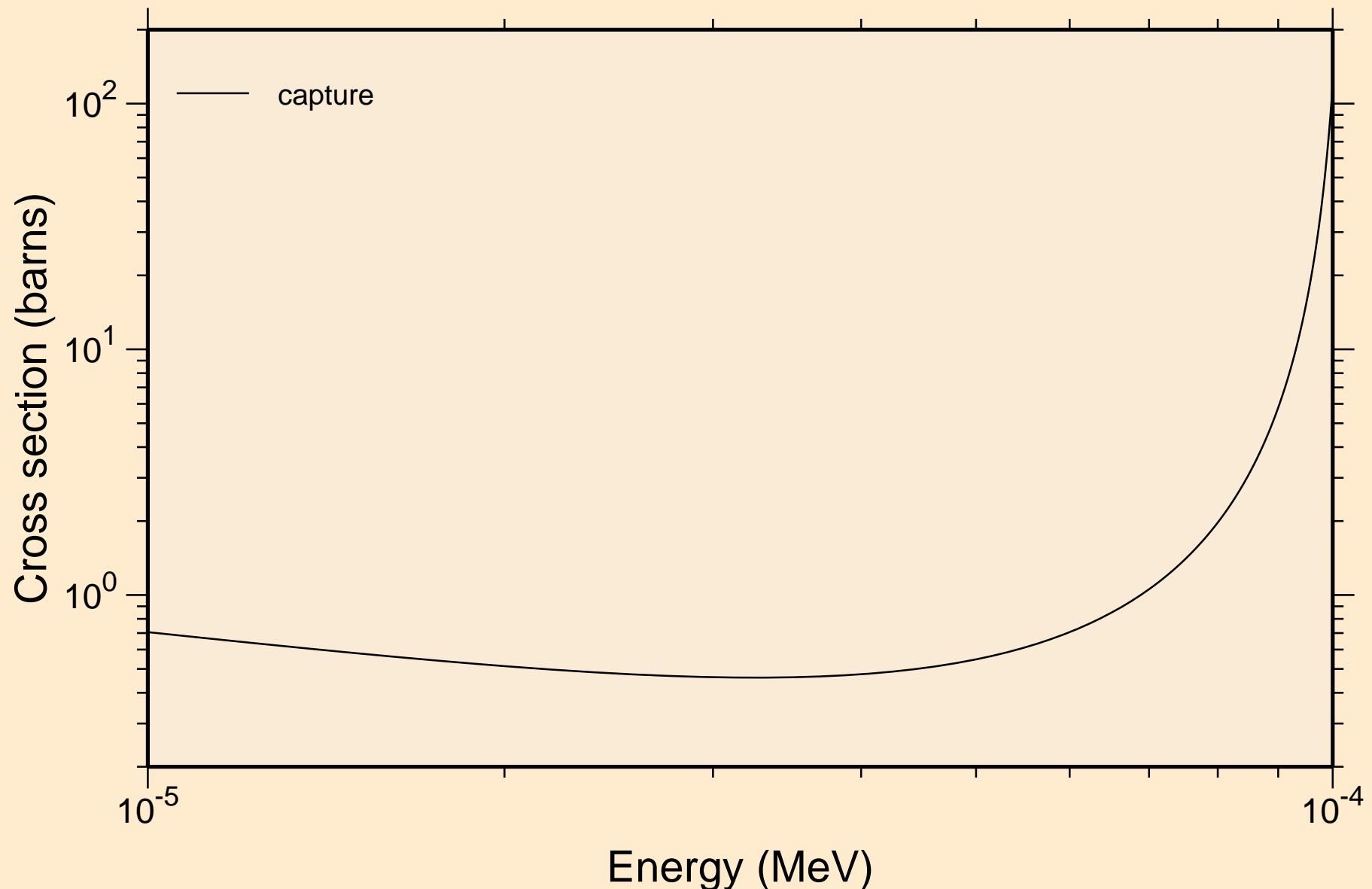
ENDF/B-VII.1 GE-73  
resonance total cross section



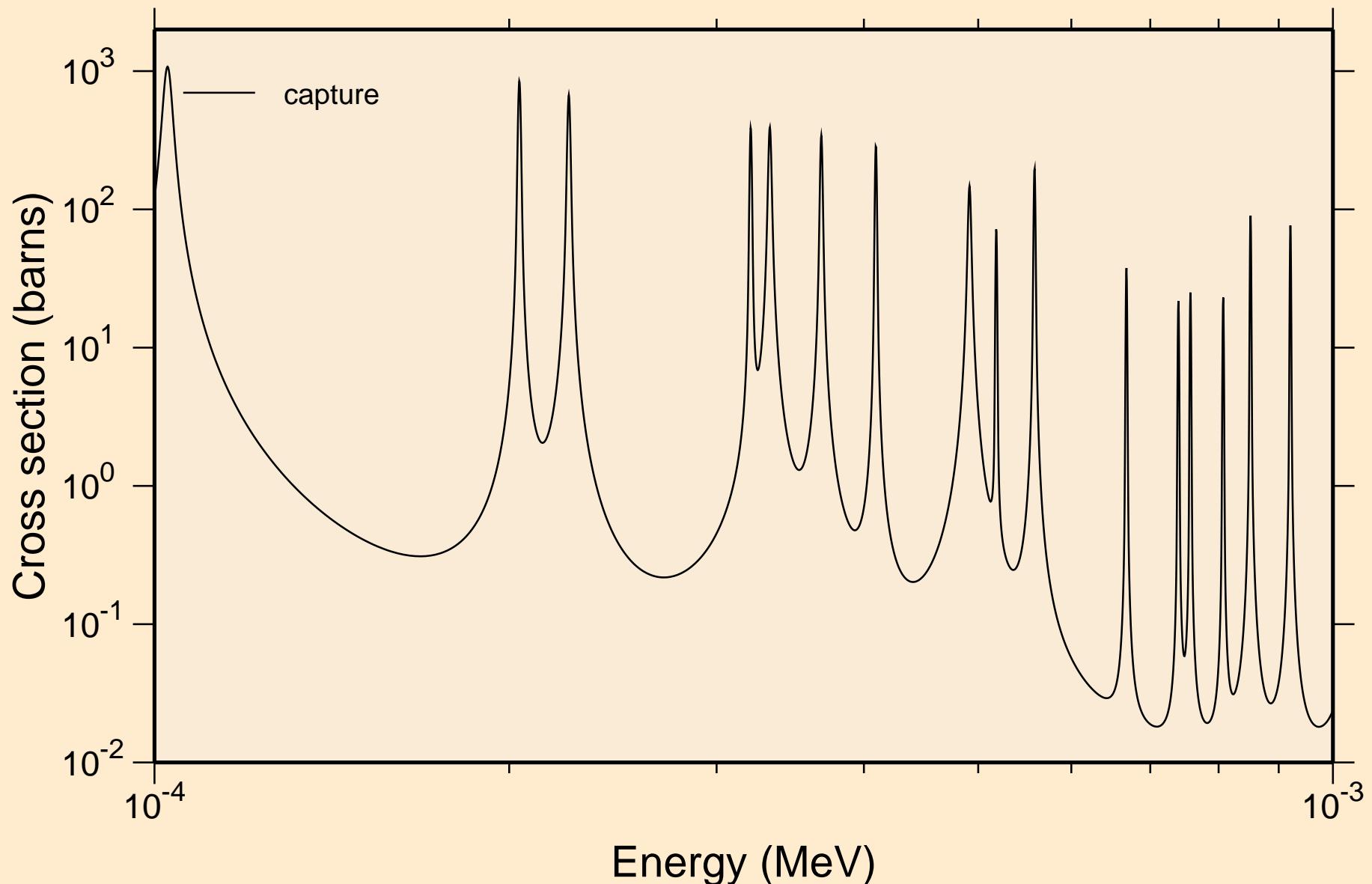
ENDF/B-VII.1 GE-73  
resonance total cross section



ENDF/B-VII.1 GE-73  
resonance absorption cross sections

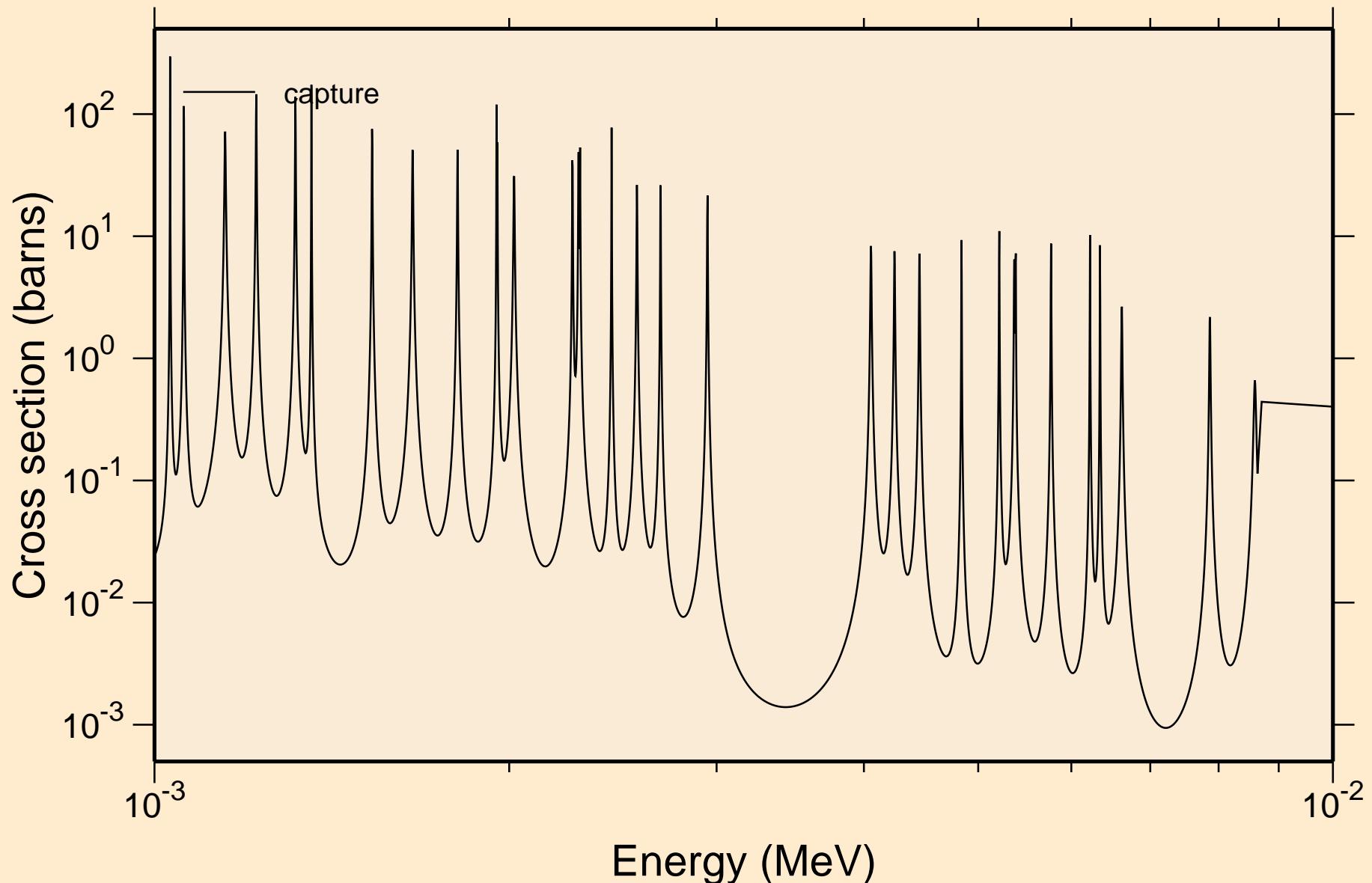


# ENDF/B-VII.1 GE-73 resonance absorption cross sections



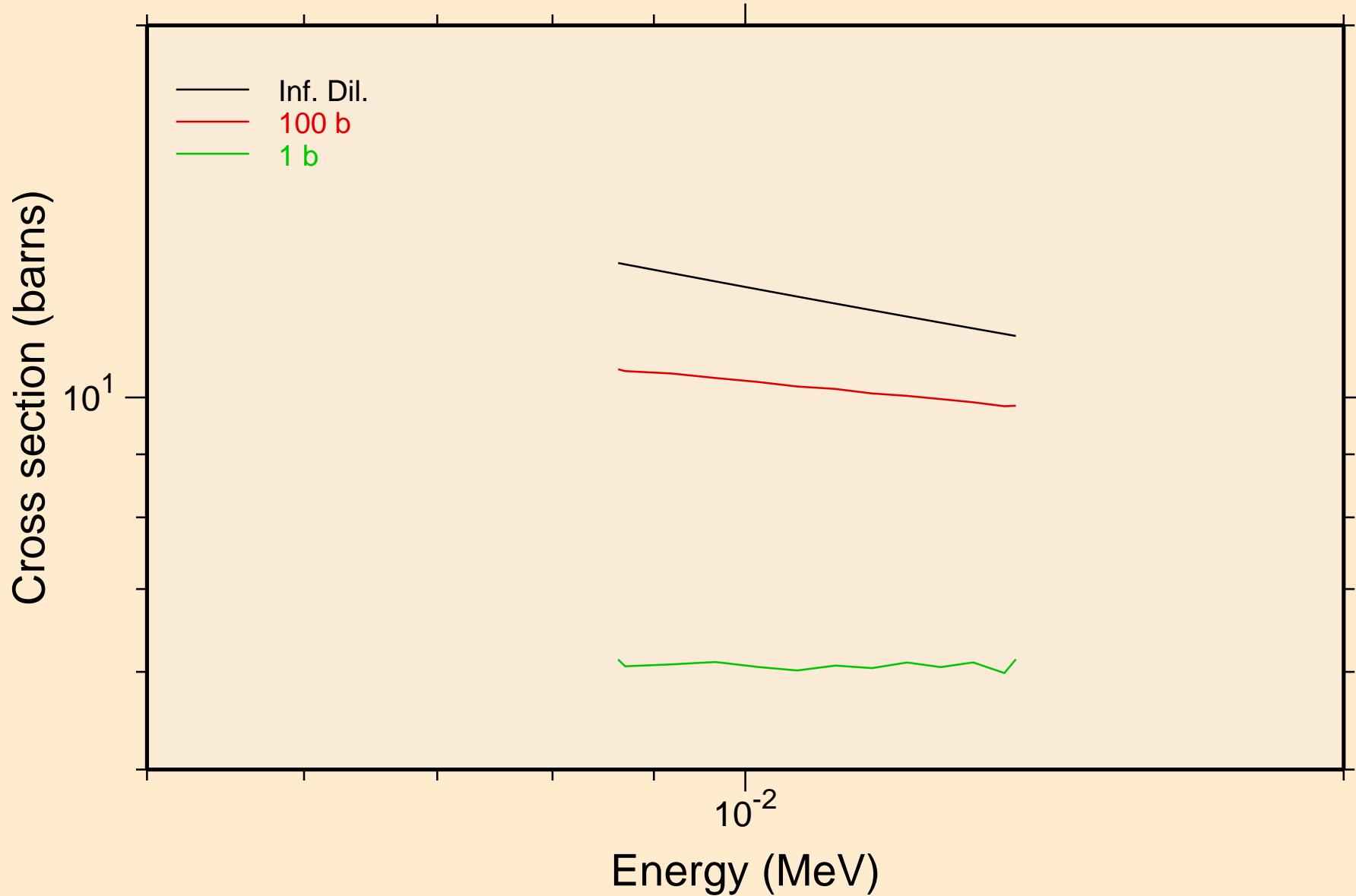
# ENDF/B-VII.1 GE-73

## resonance absorption cross sections



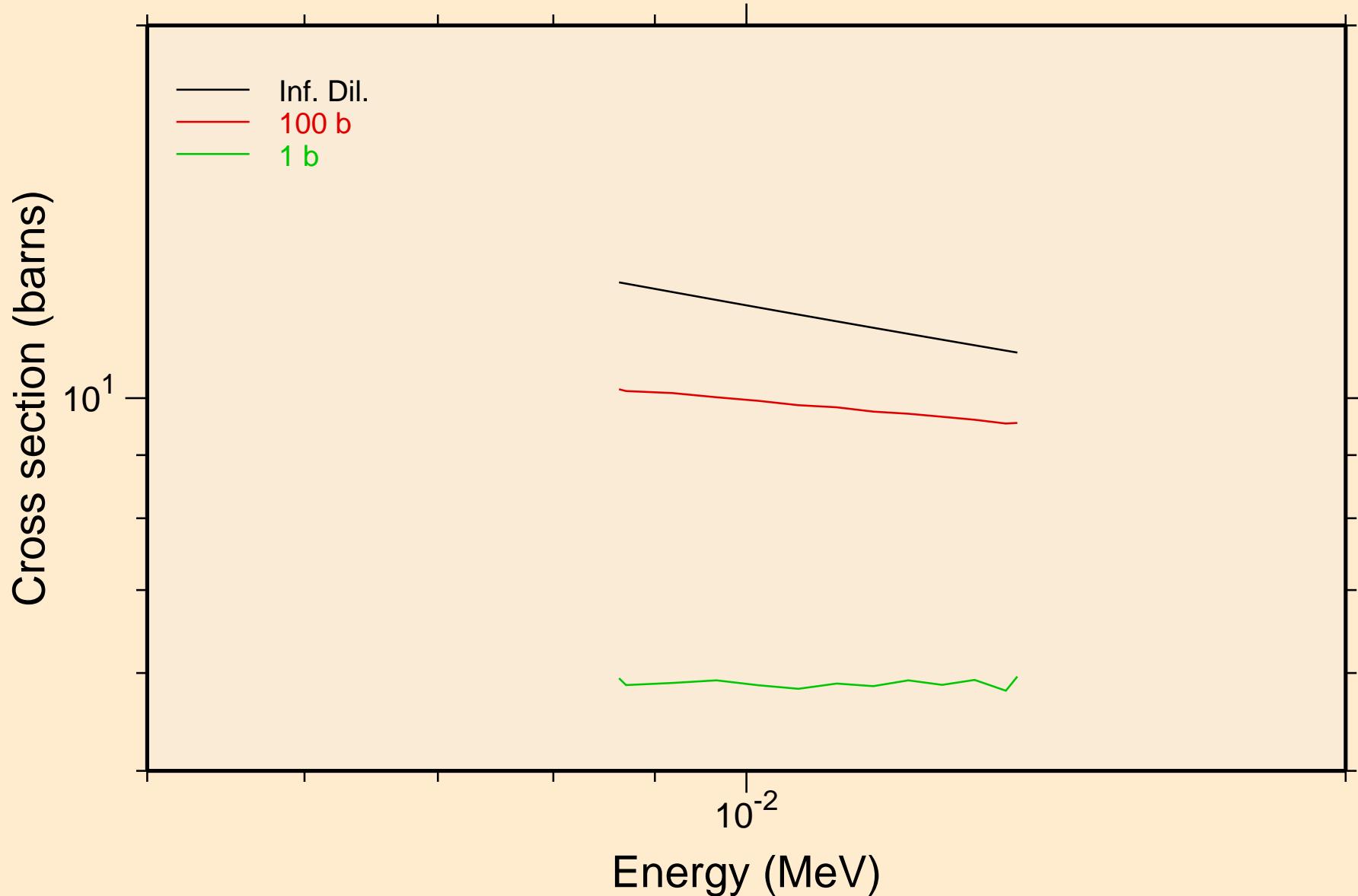
# ENDF/B-VII.1 GE-73

## UR total cross section



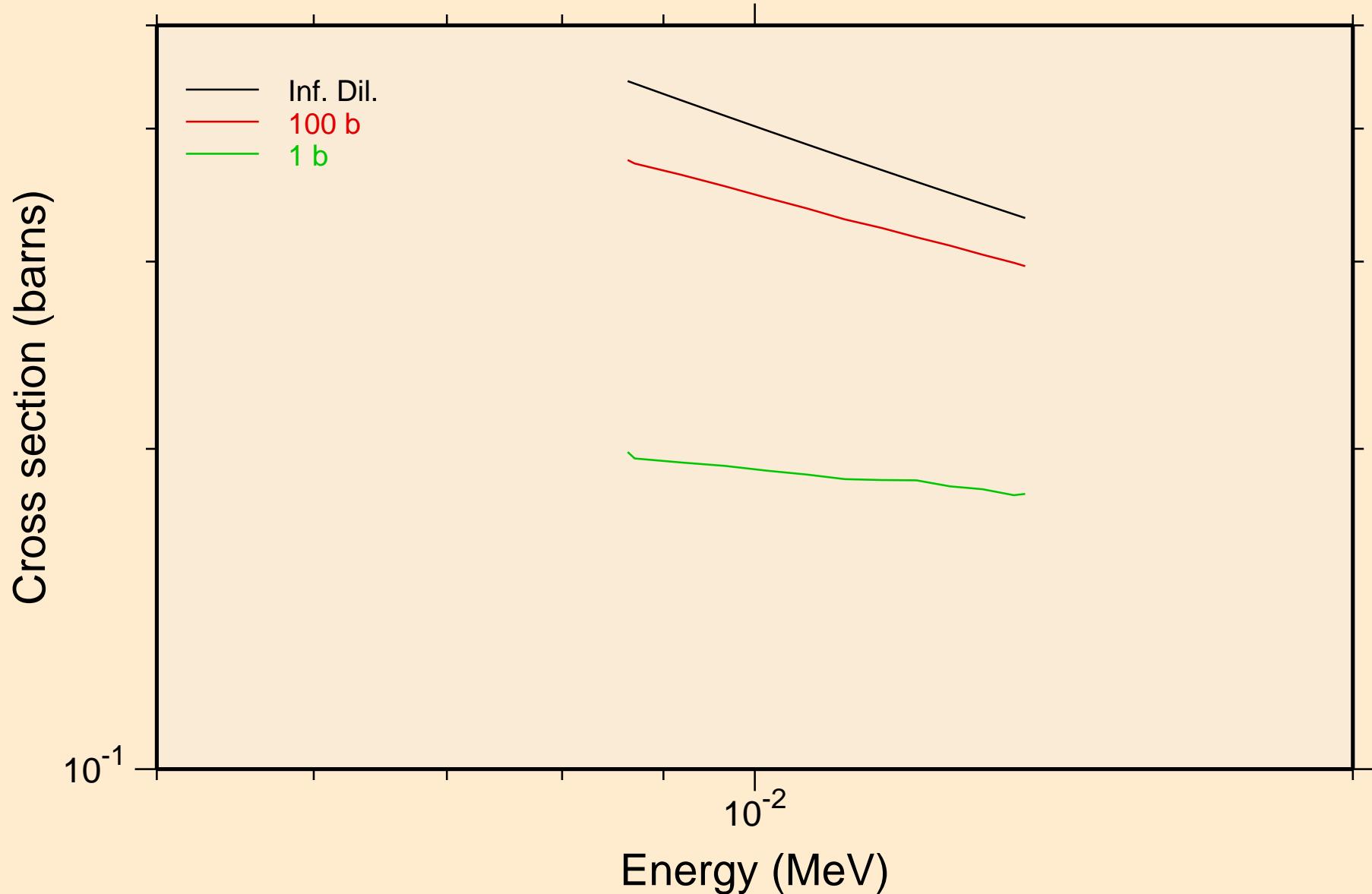
# ENDF/B-VII.1 GE-73

## UR elastic cross section

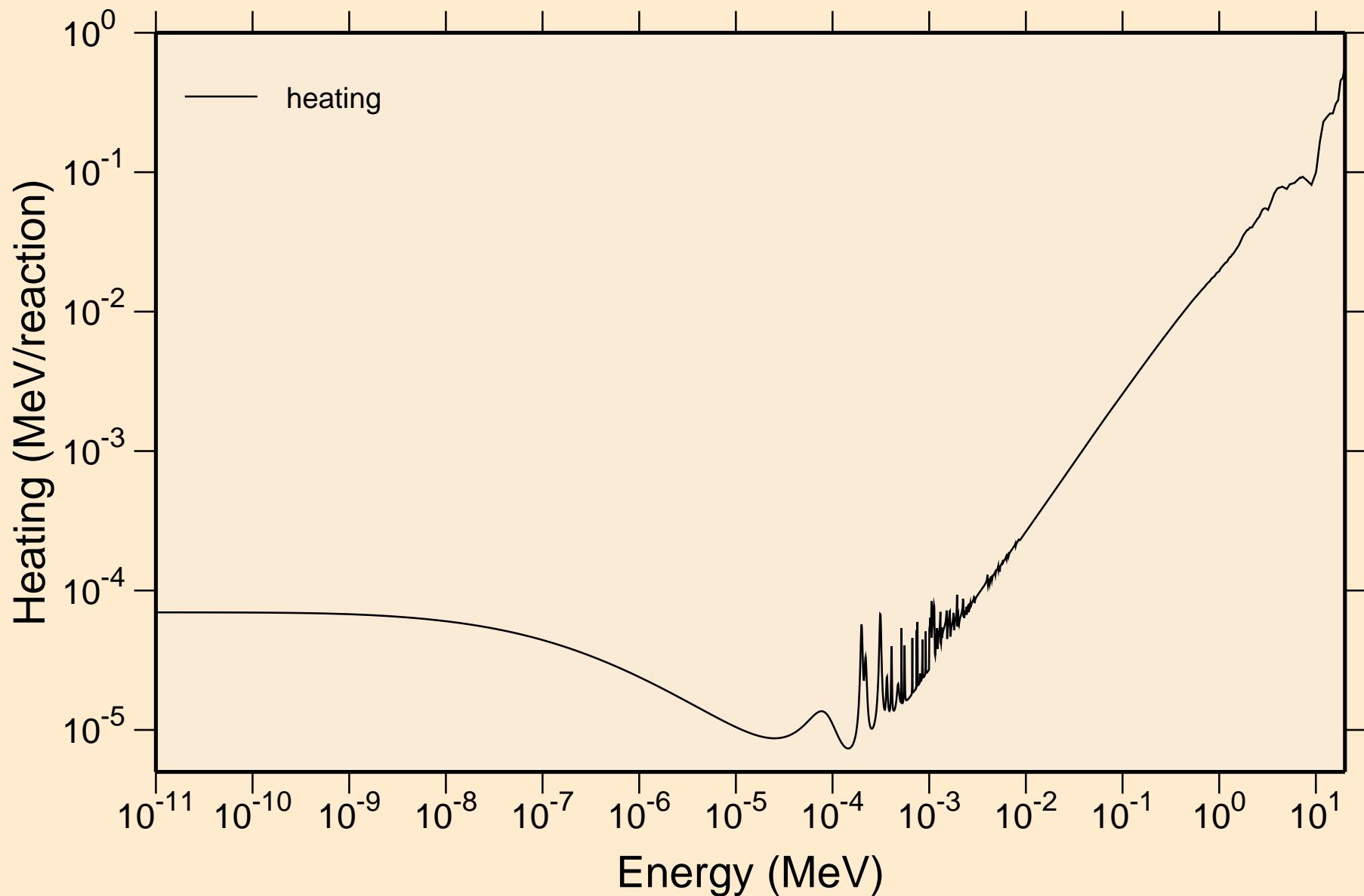


# ENDF/B-VII.1 GE-73

## UR capture cross section

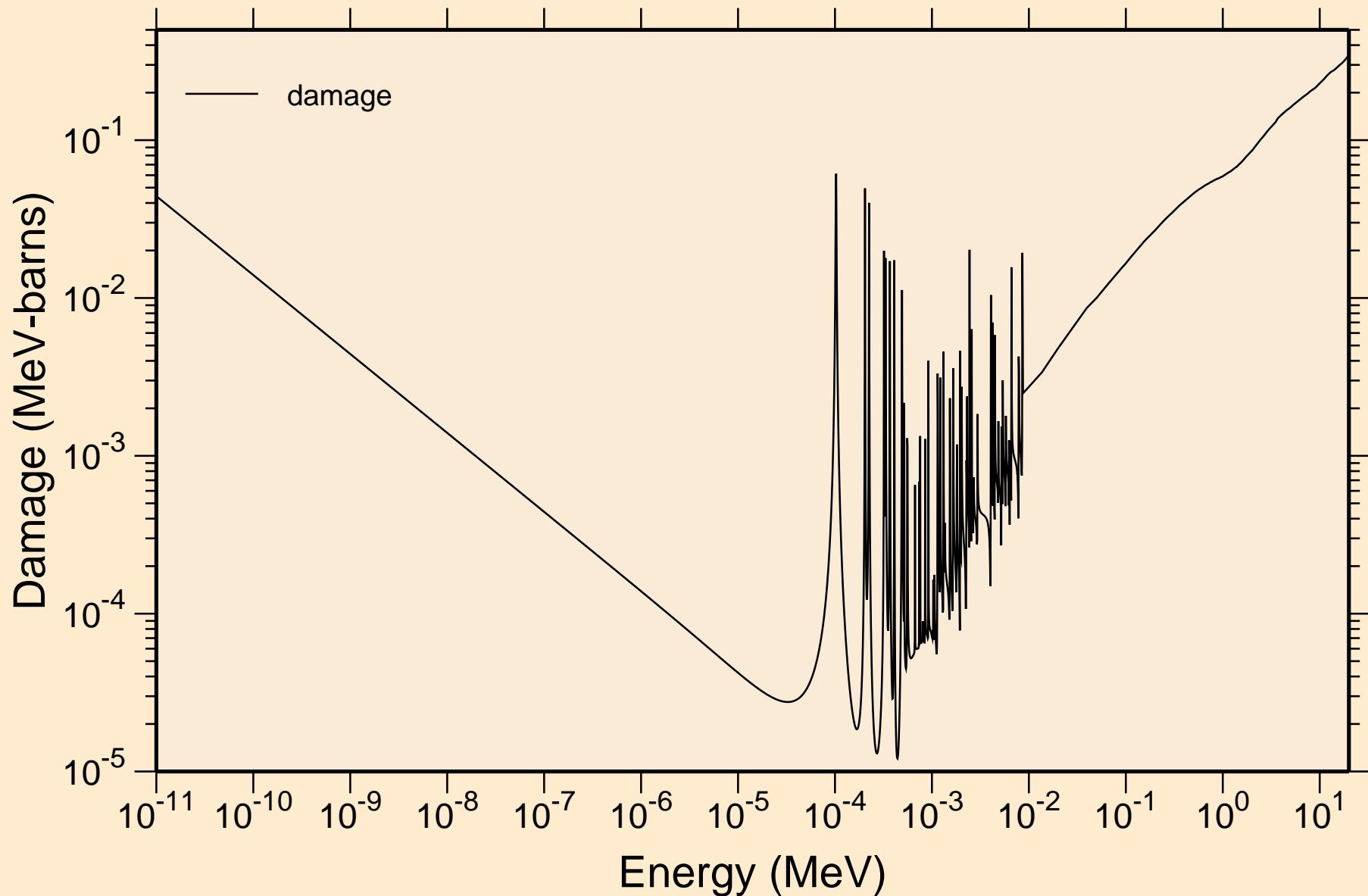


ENDF/B-VII.1 GE-73  
Heating

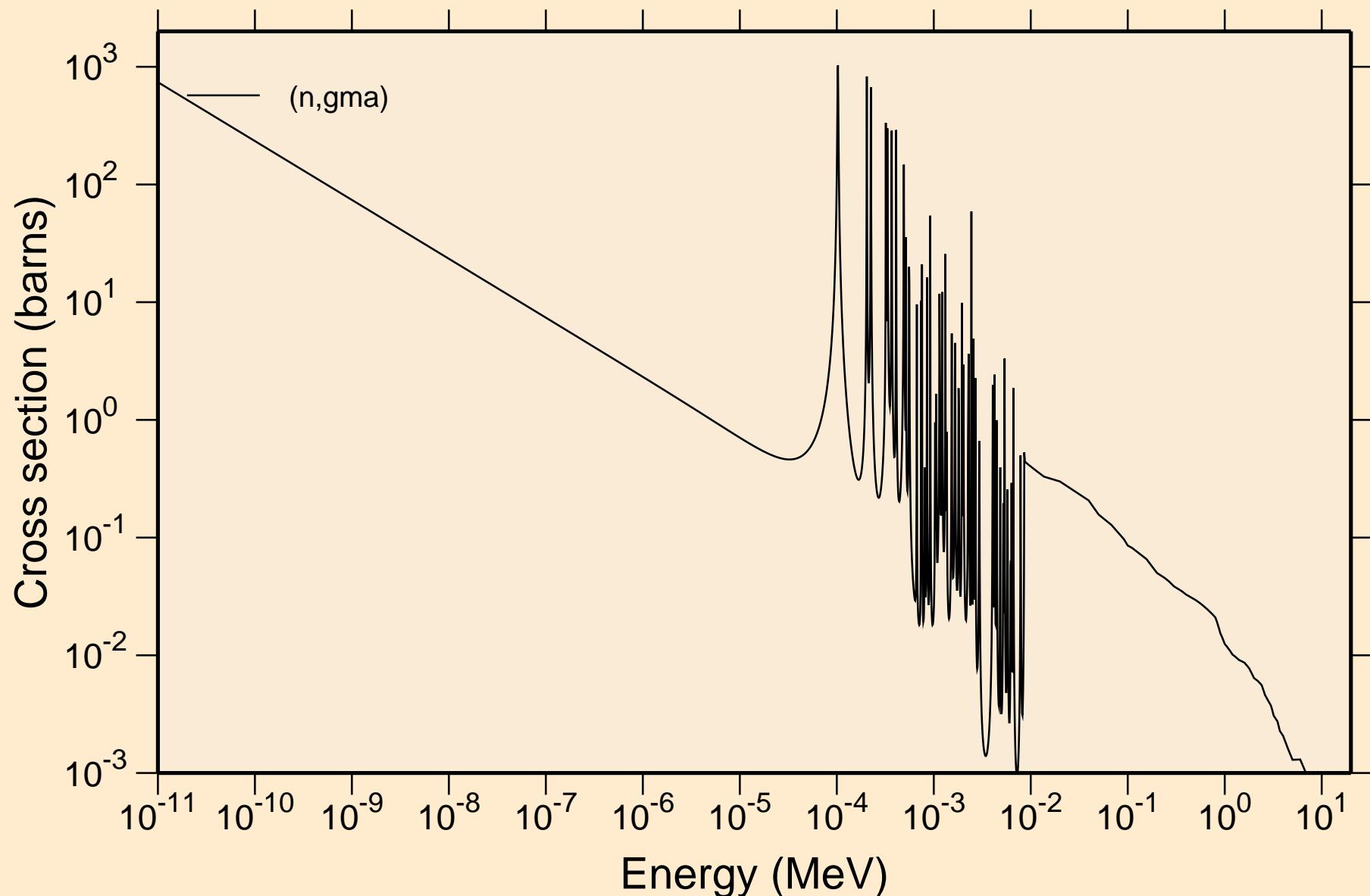


# ENDF/B-VII.1 GE-73

## Damage

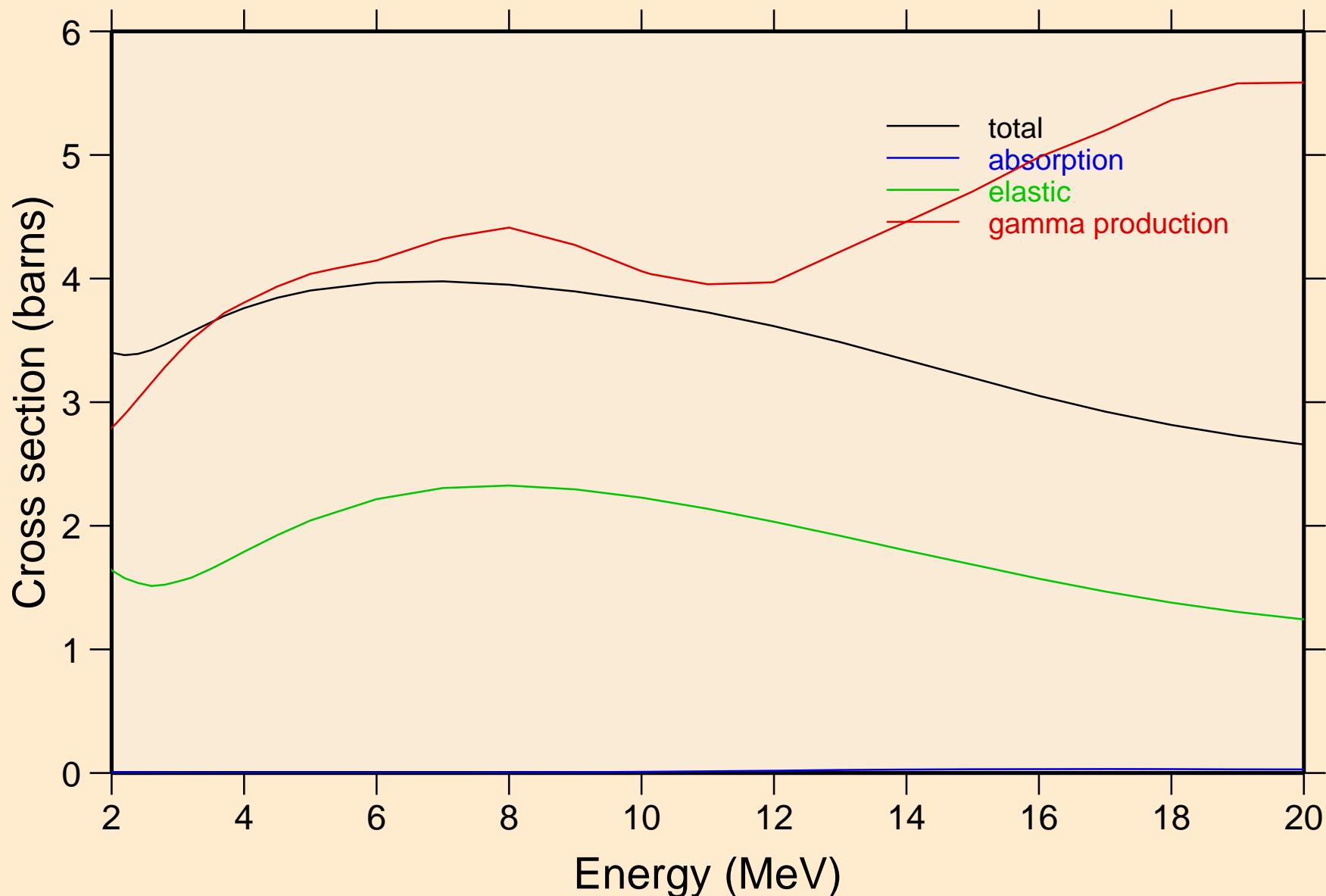


ENDF/B-VII.1 GE-73  
Non-threshold reactions

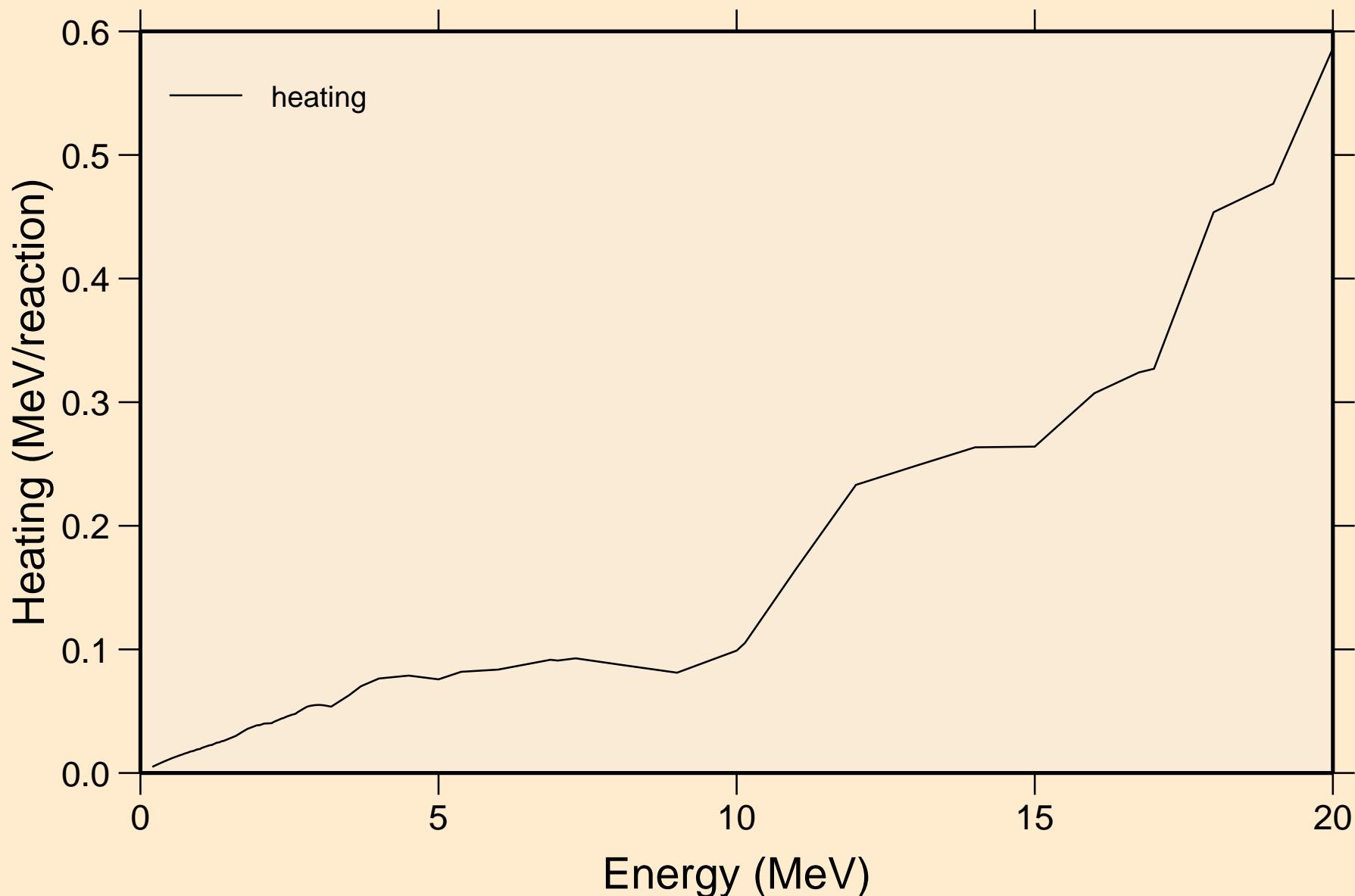


# ENDF/B-VII.1 GE-73

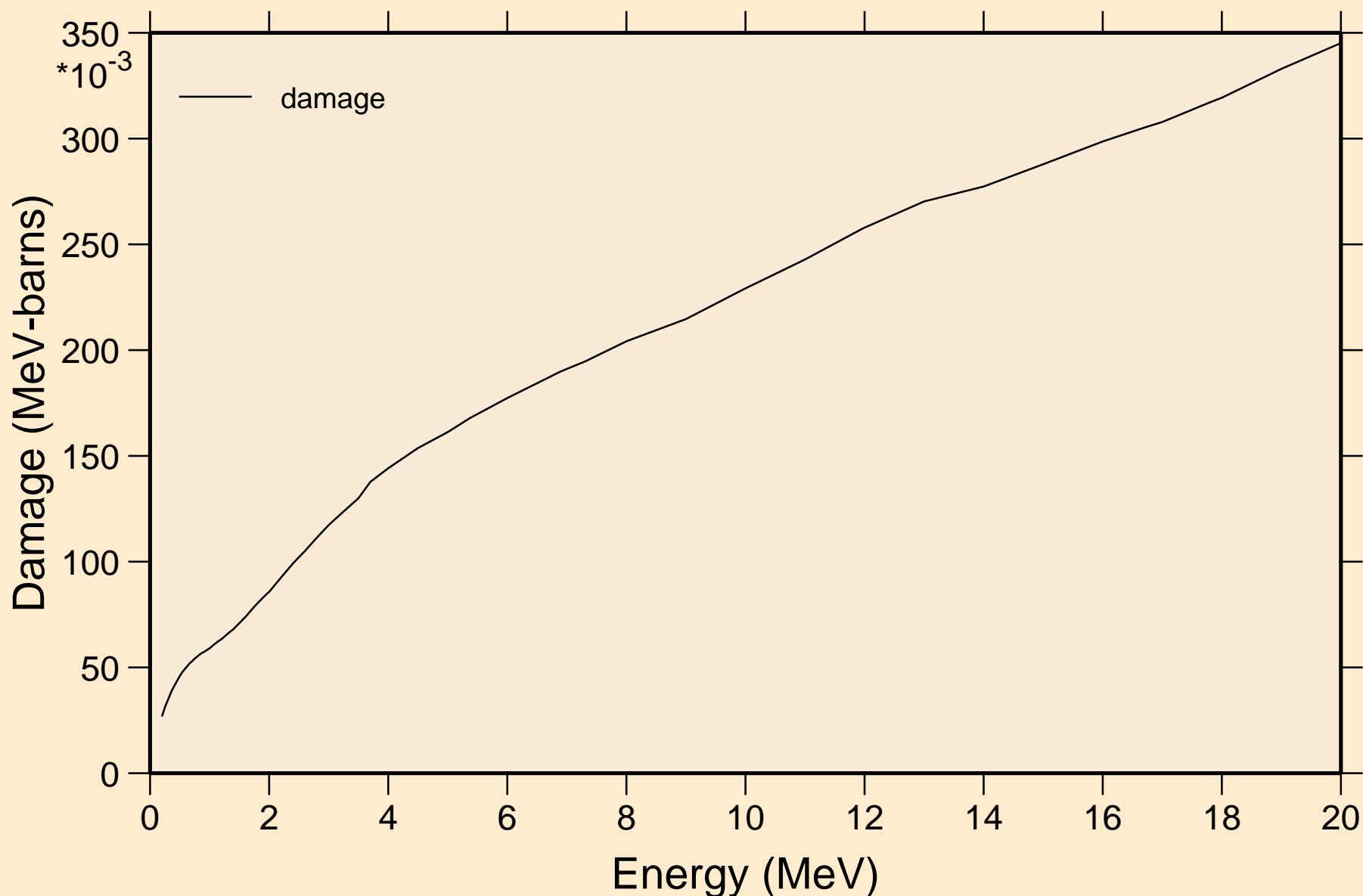
## Principal cross sections



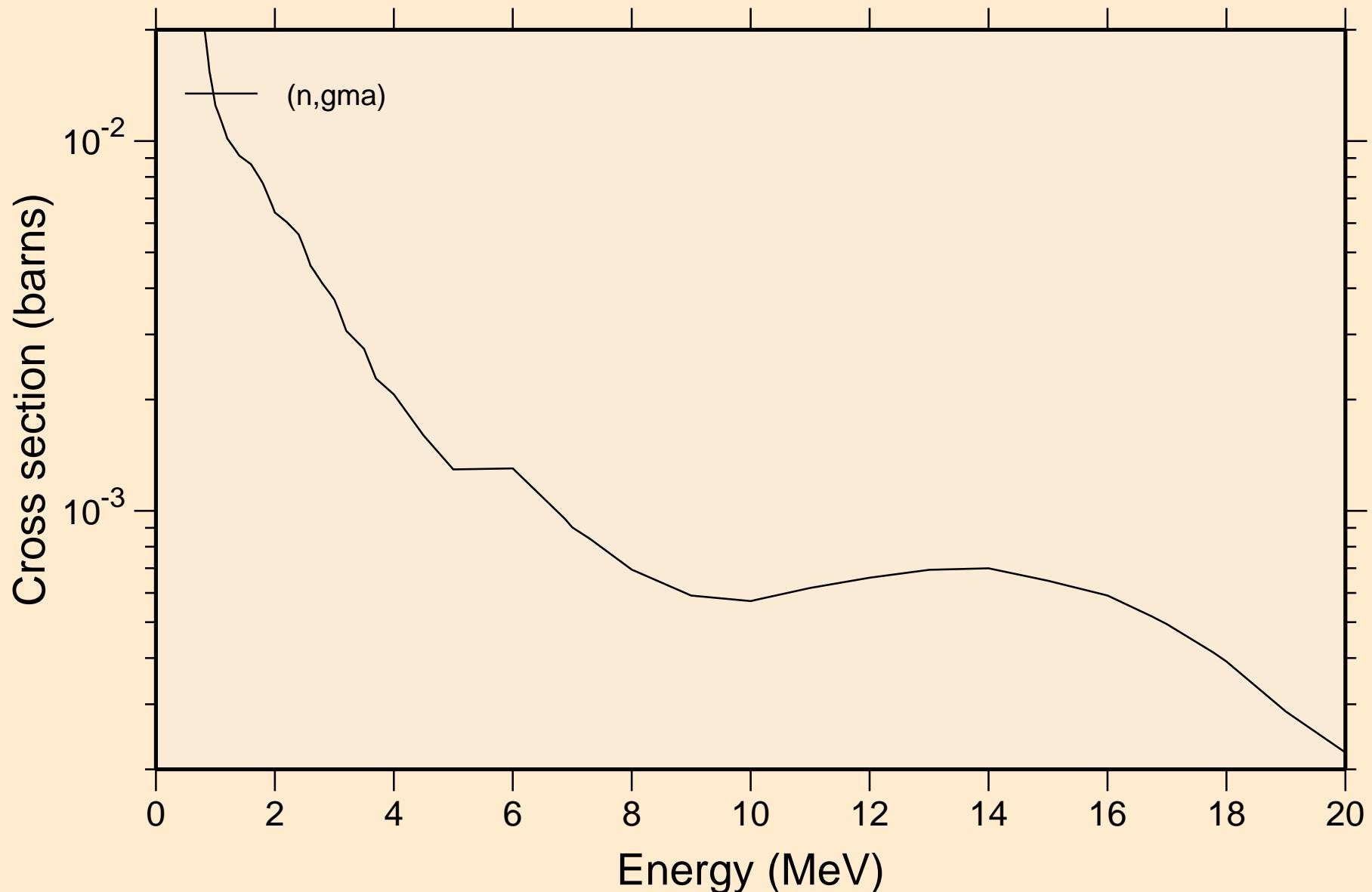
ENDF/B-VII.1 GE-73  
Heating



ENDF/B-VII.1 GE-73  
Damage

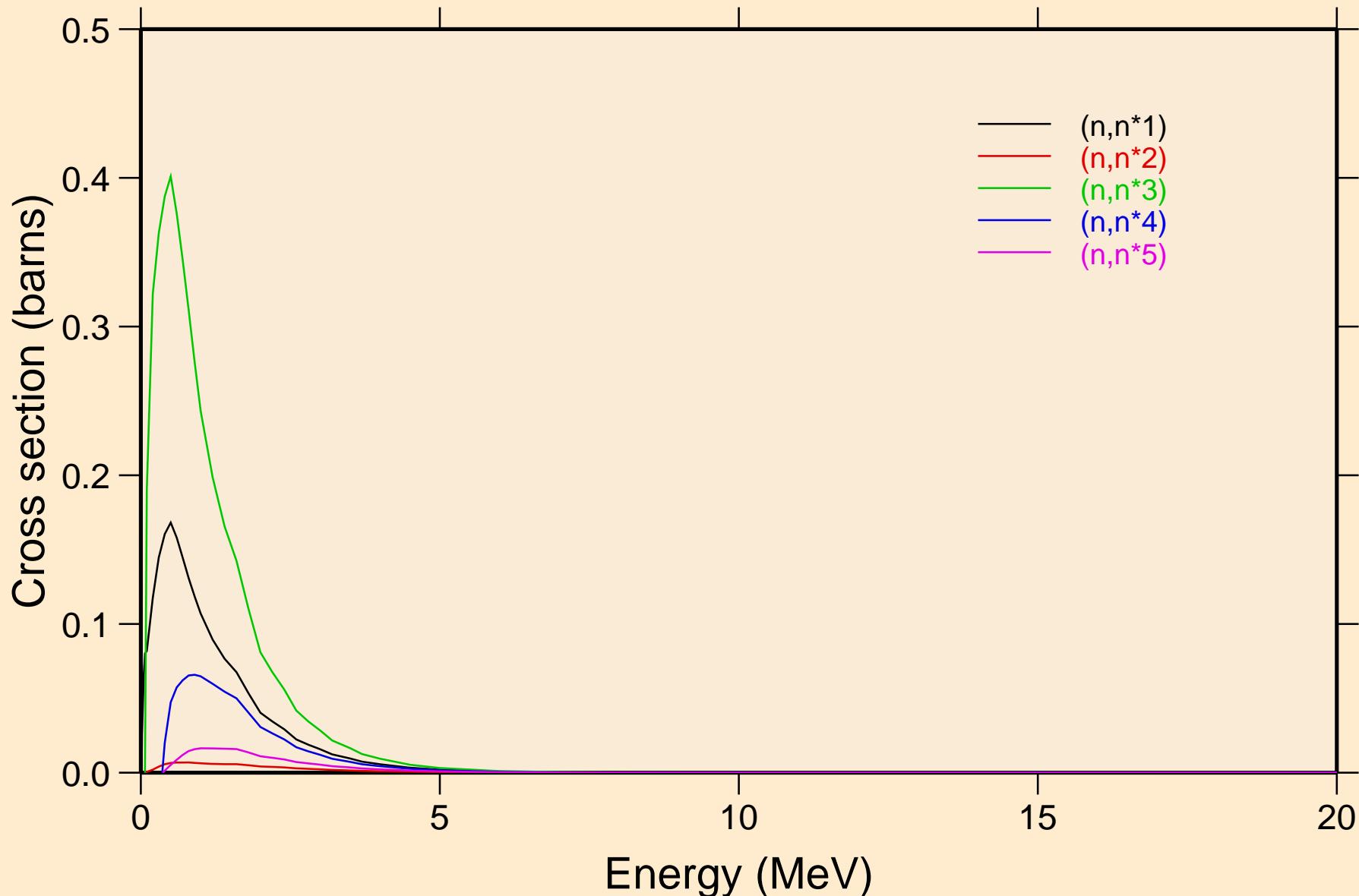


ENDF/B-VII.1 GE-73  
Non-threshold reactions



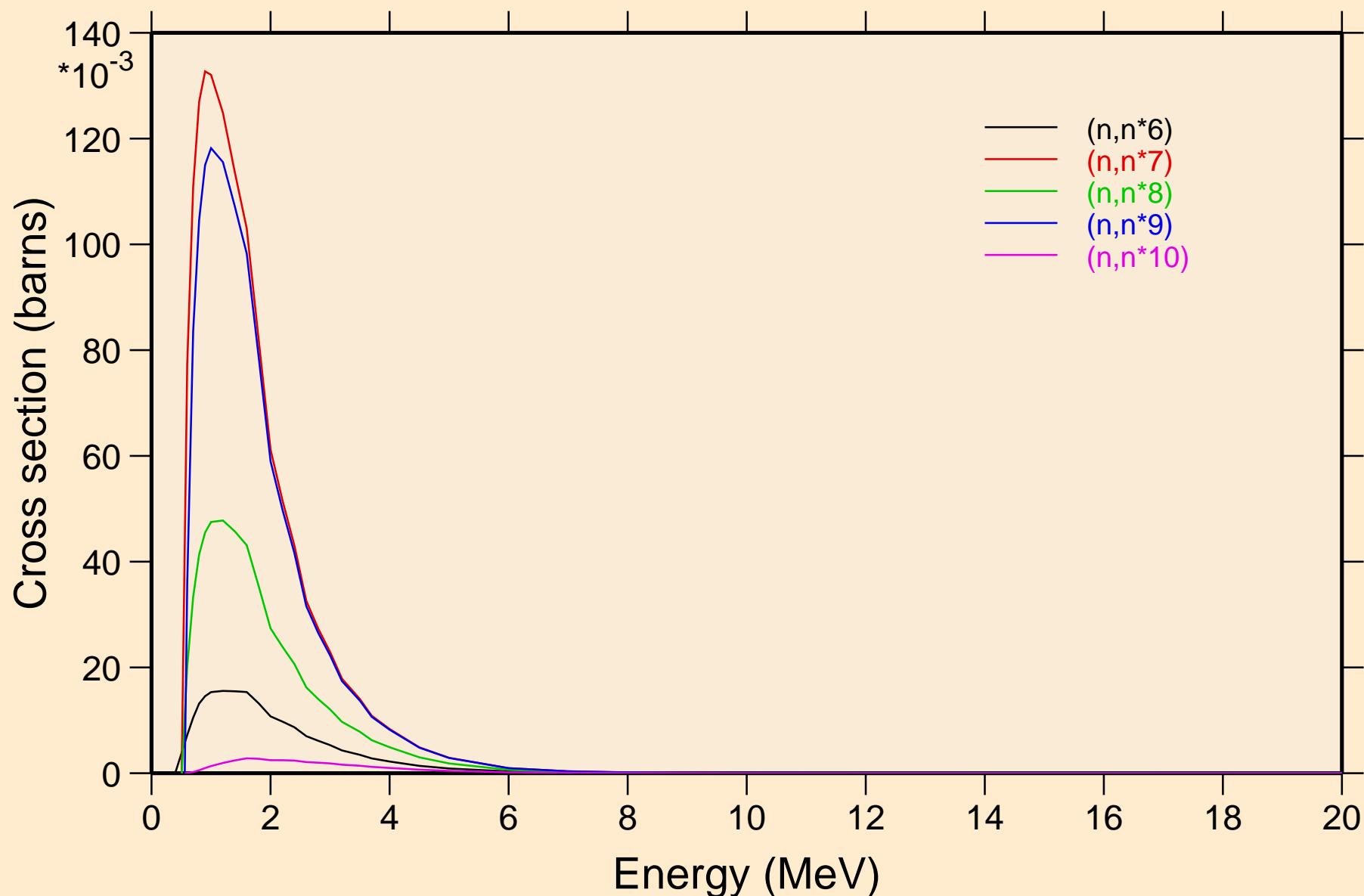
# ENDF/B-VII.1 GE-73

## Inelastic levels



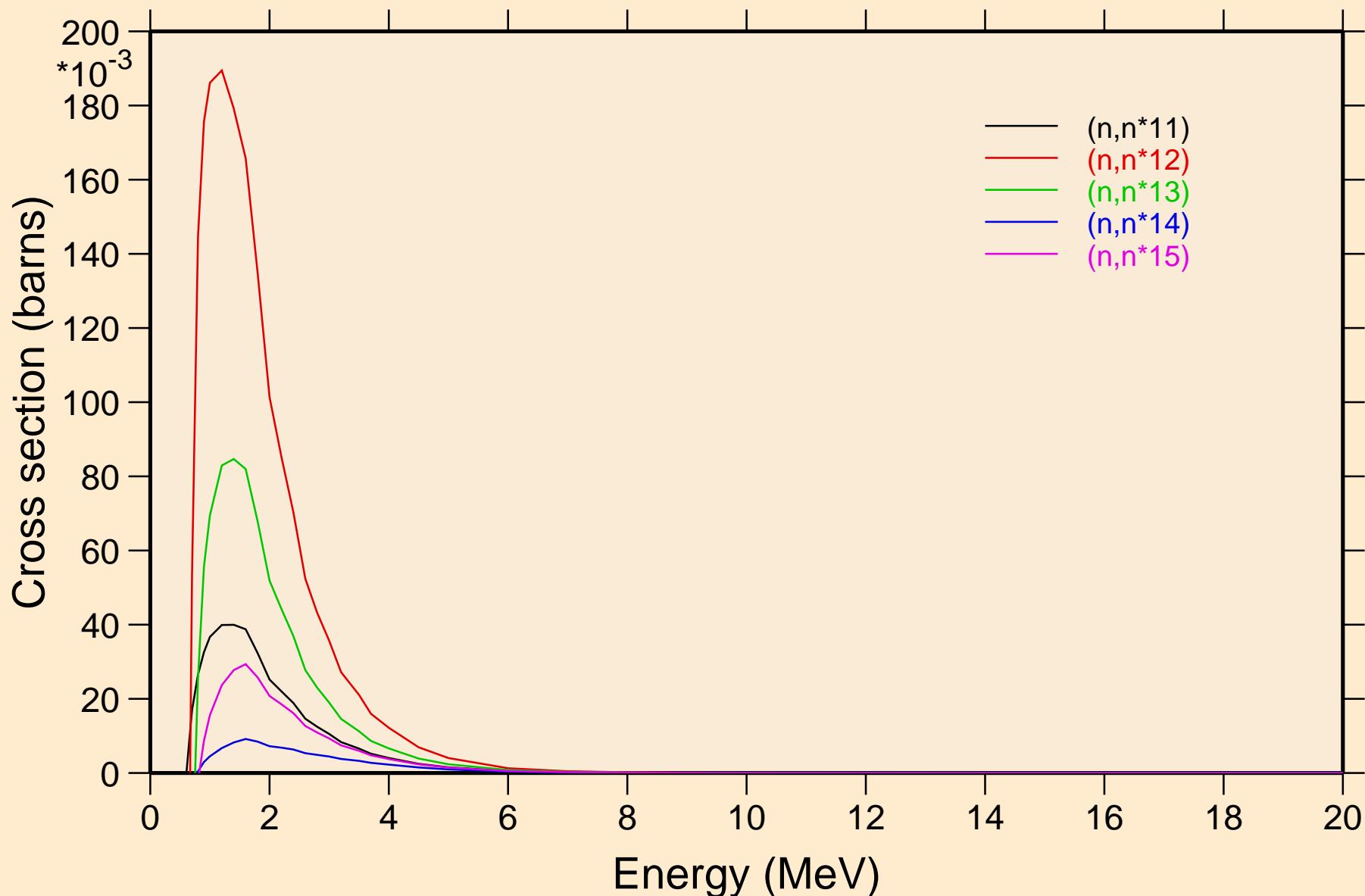
# ENDF/B-VII.1 GE-73

## Inelastic levels



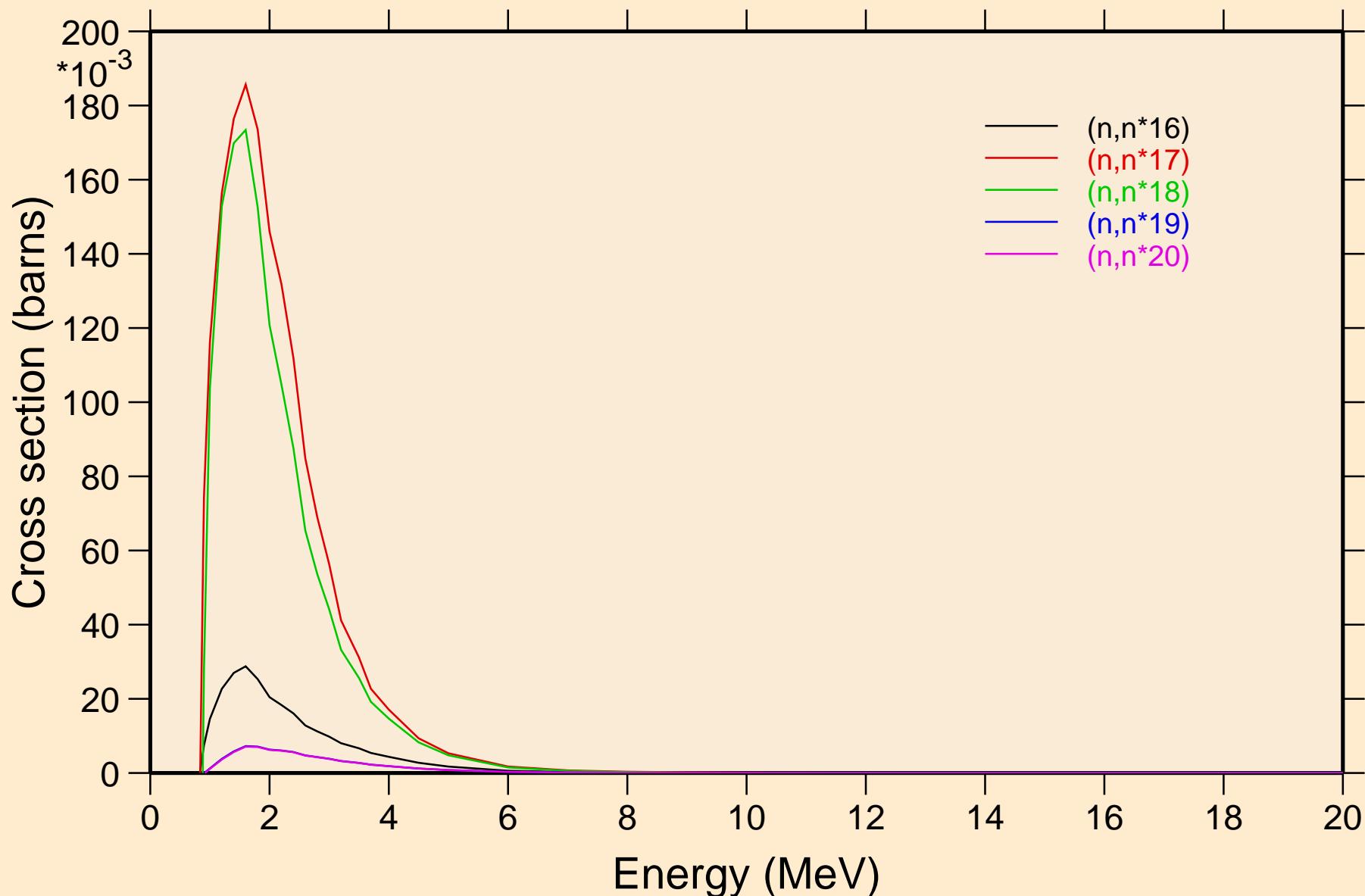
# ENDF/B-VII.1 GE-73

## Inelastic levels

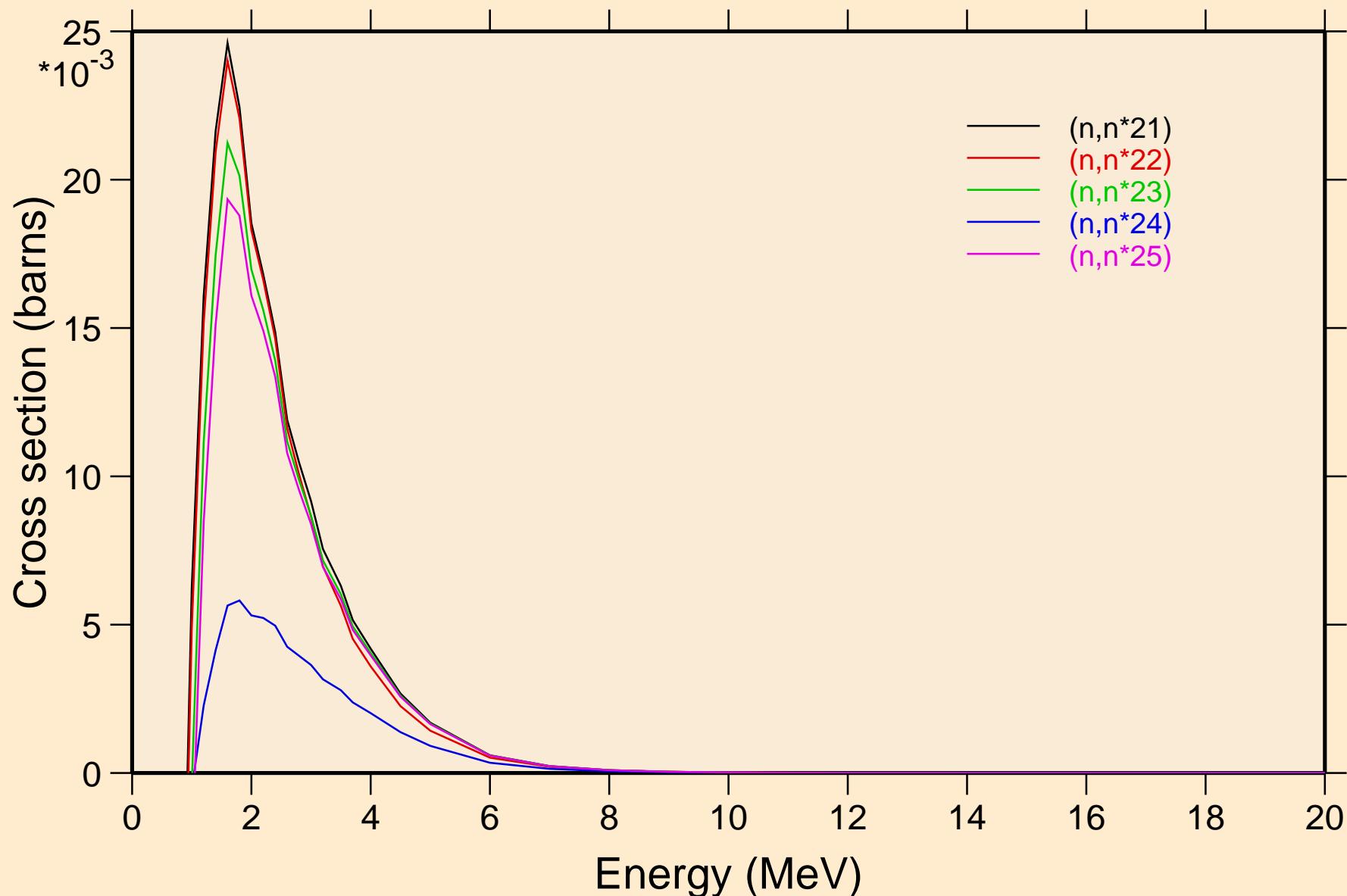


# ENDF/B-VII.1 GE-73

## Inelastic levels

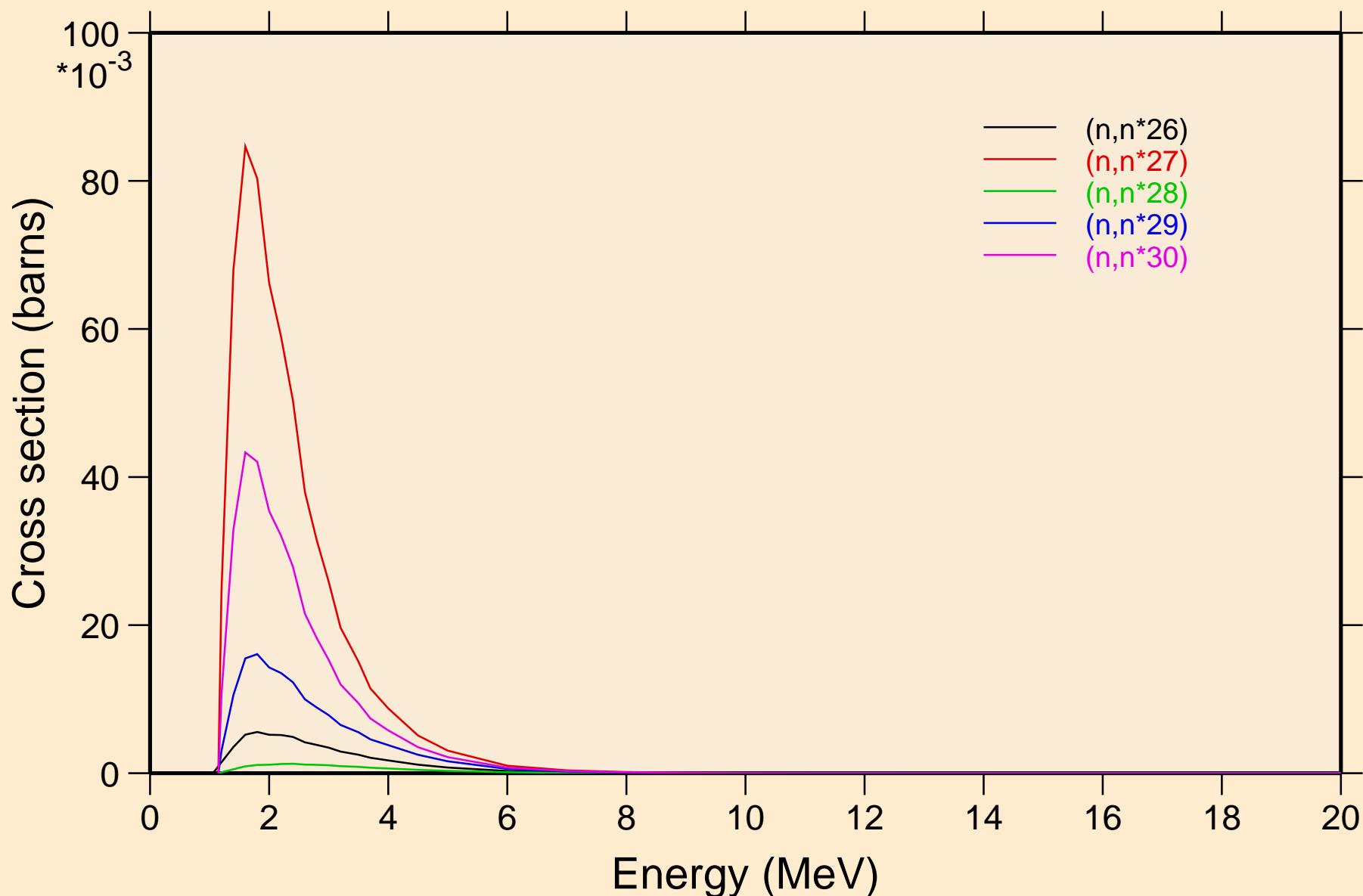


ENDF/B-VII.1 GE-73  
Inelastic levels



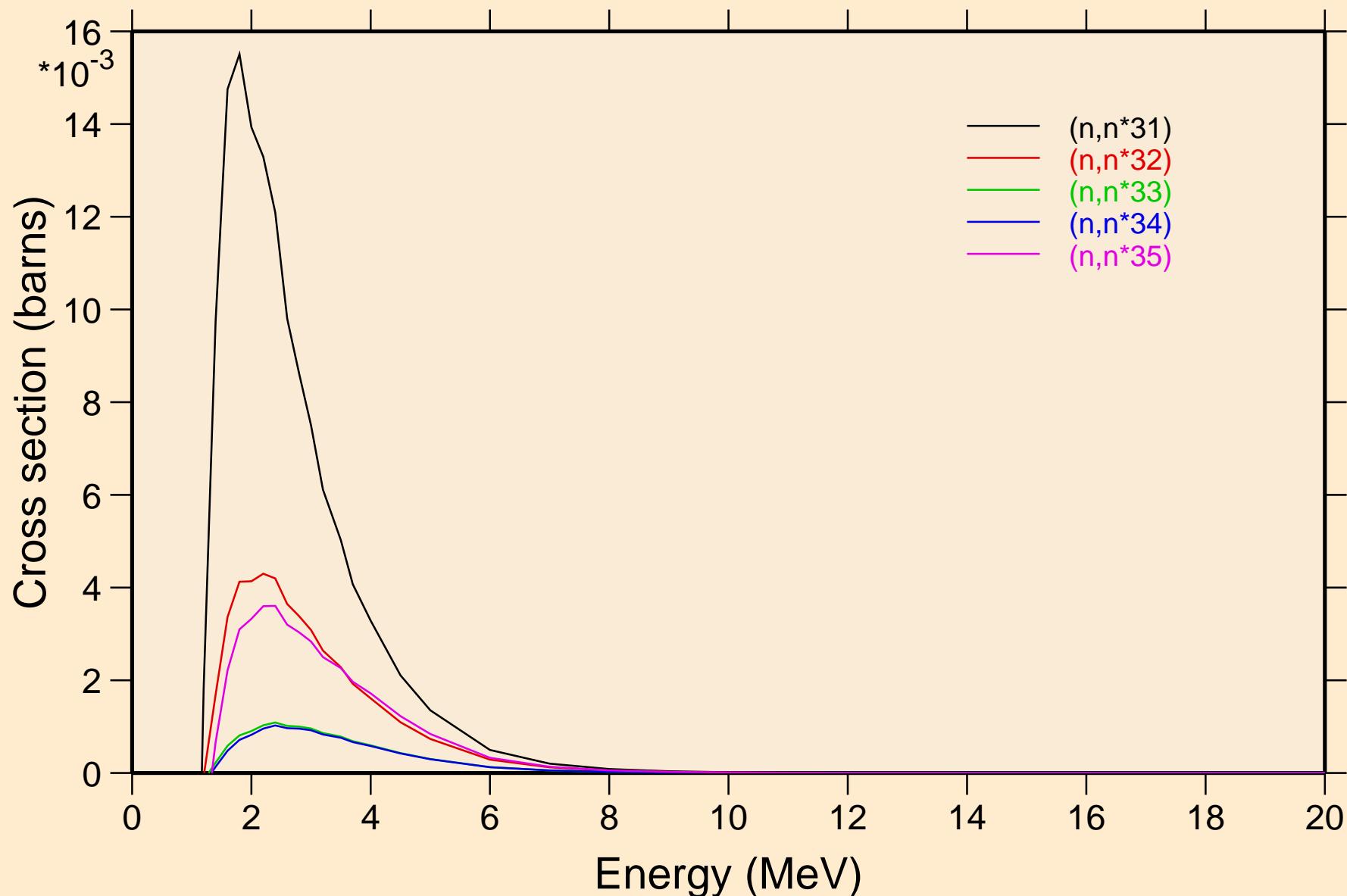
# ENDF/B-VII.1 GE-73

## Inelastic levels

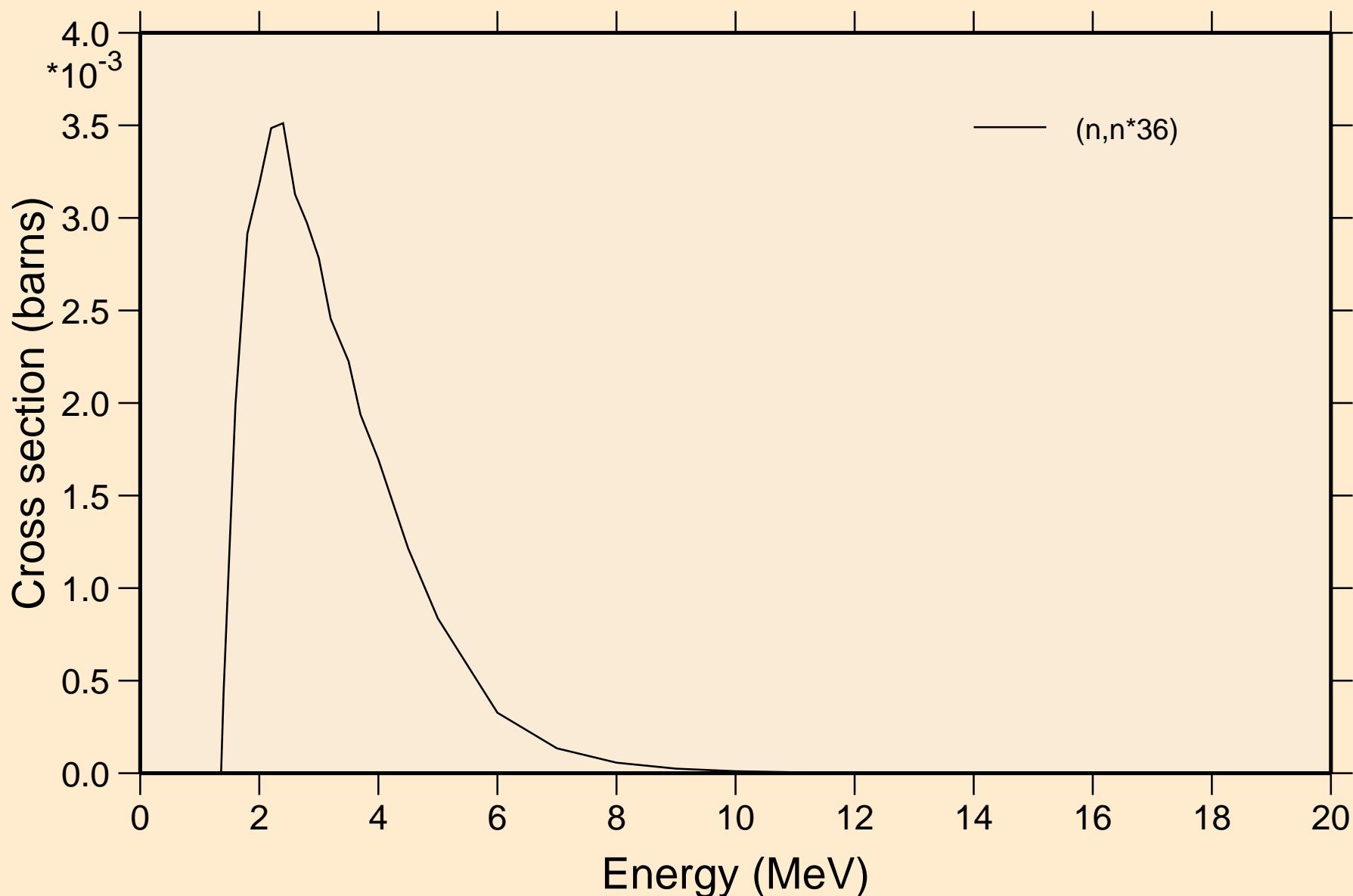


# ENDF/B-VII.1 GE-73

## Inelastic levels

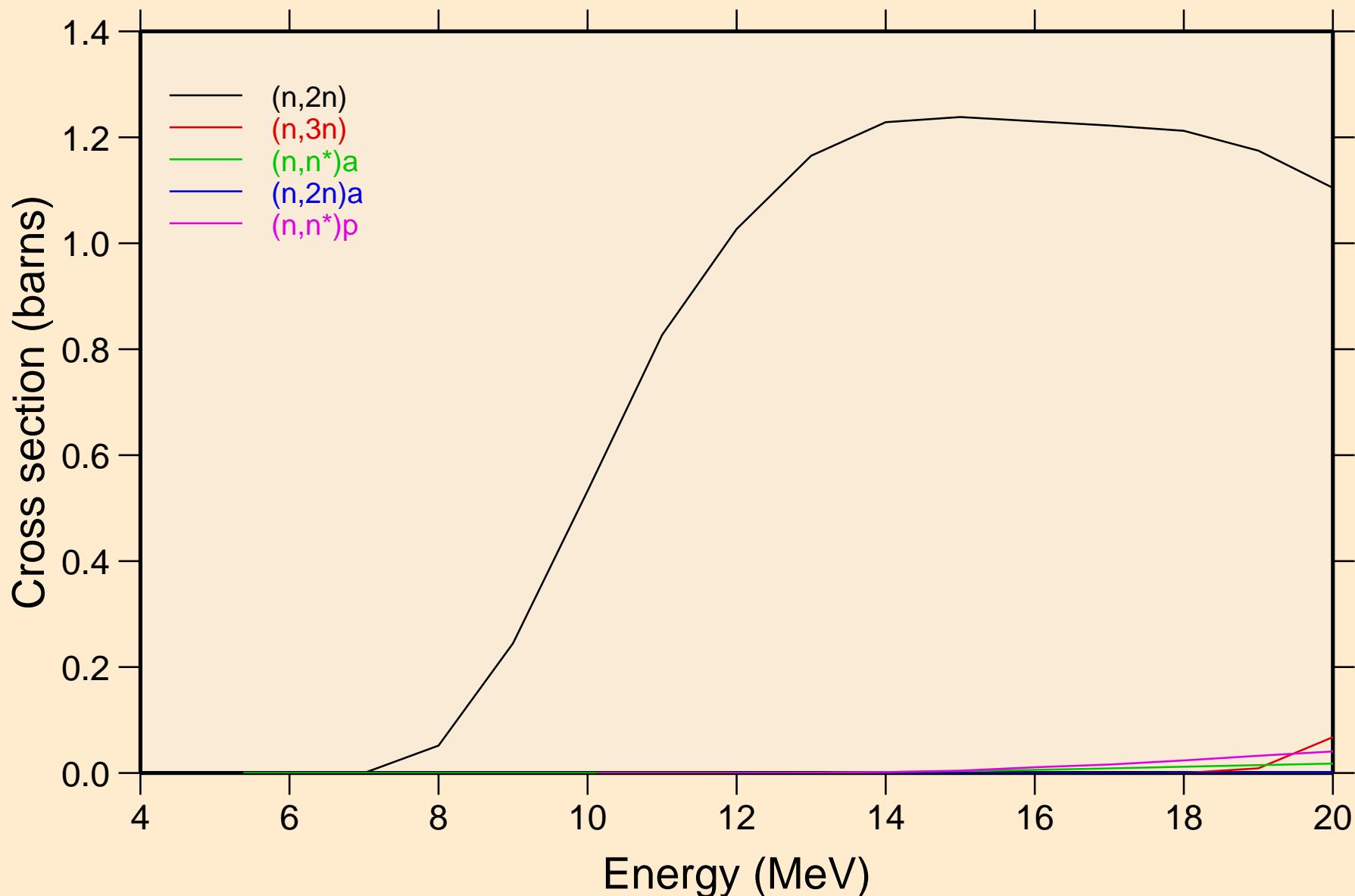


ENDF/B-VII.1 GE-73  
Inelastic levels



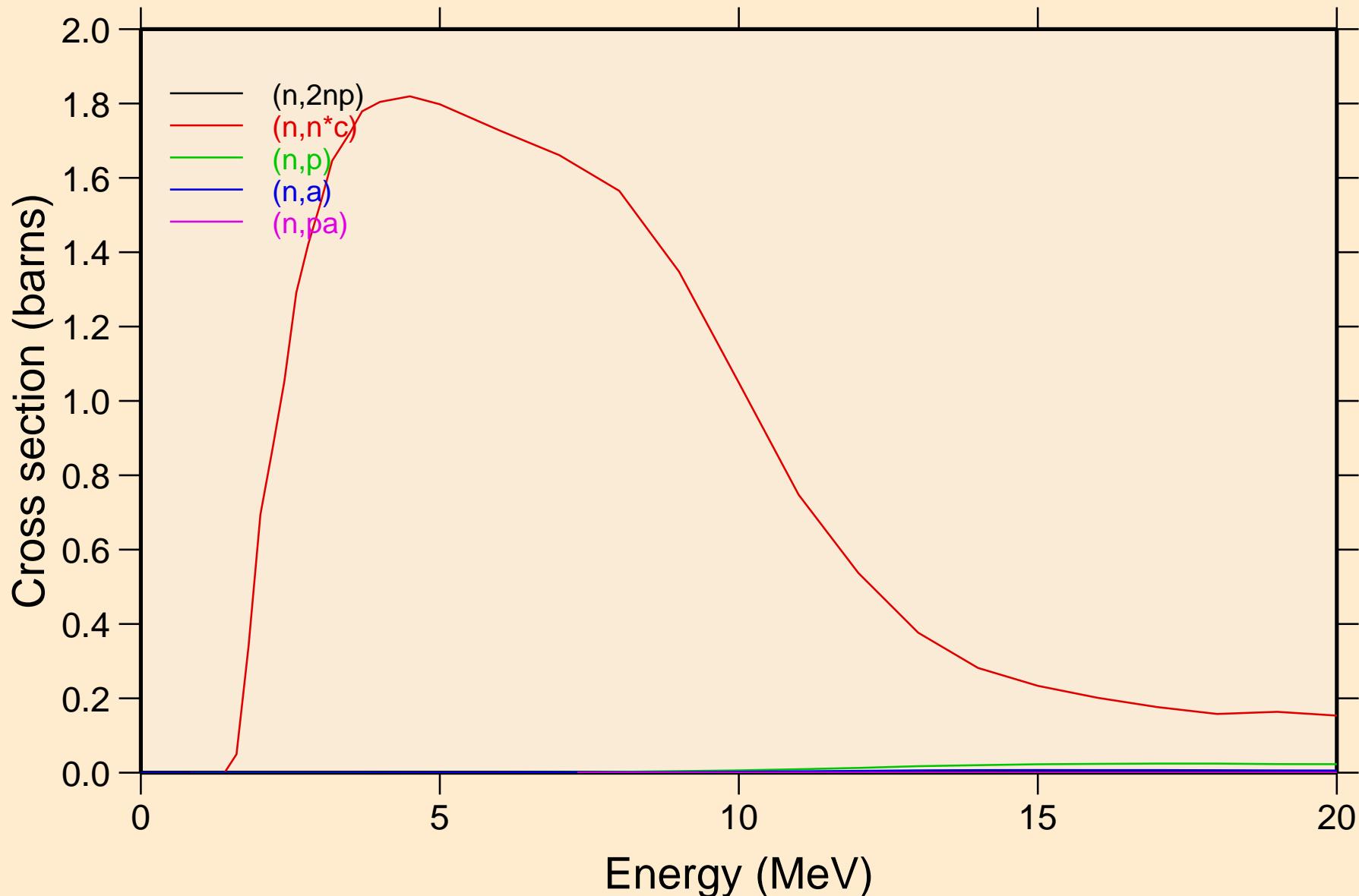
# ENDF/B-VII.1 GE-73

## Threshold reactions



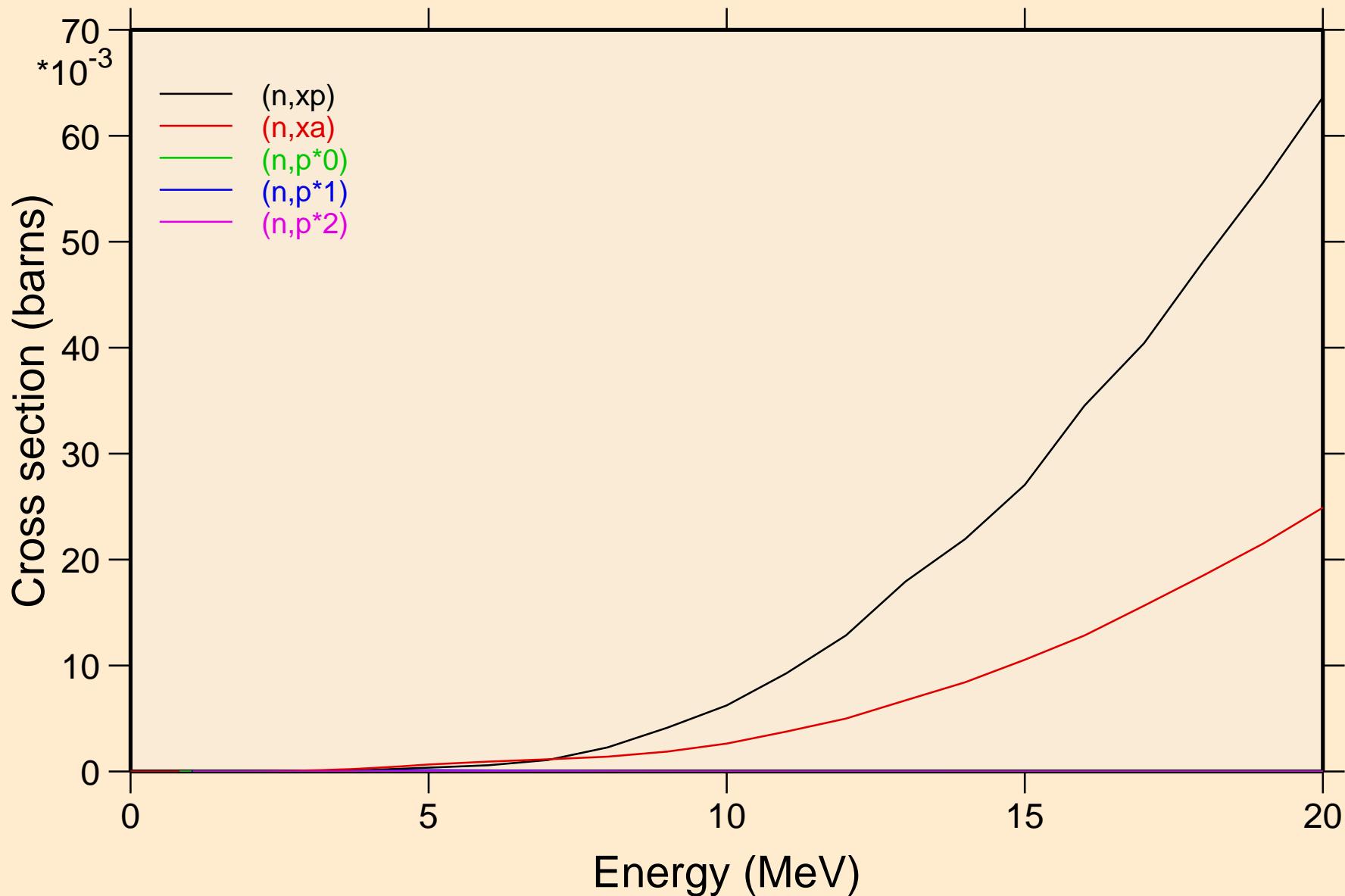
# ENDF/B-VII.1 GE-73

## Threshold reactions



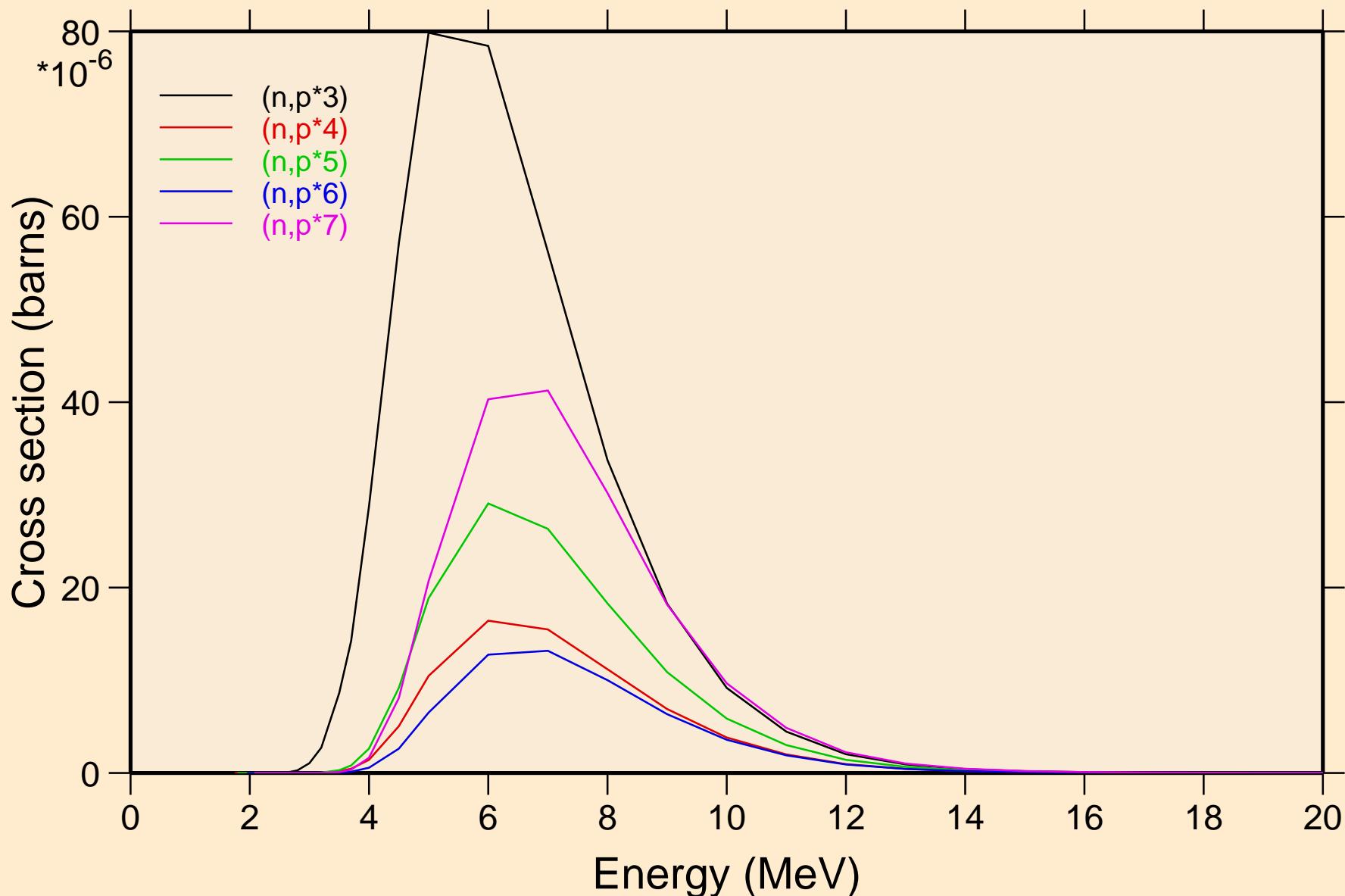
# ENDF/B-VII.1 GE-73

## Threshold reactions



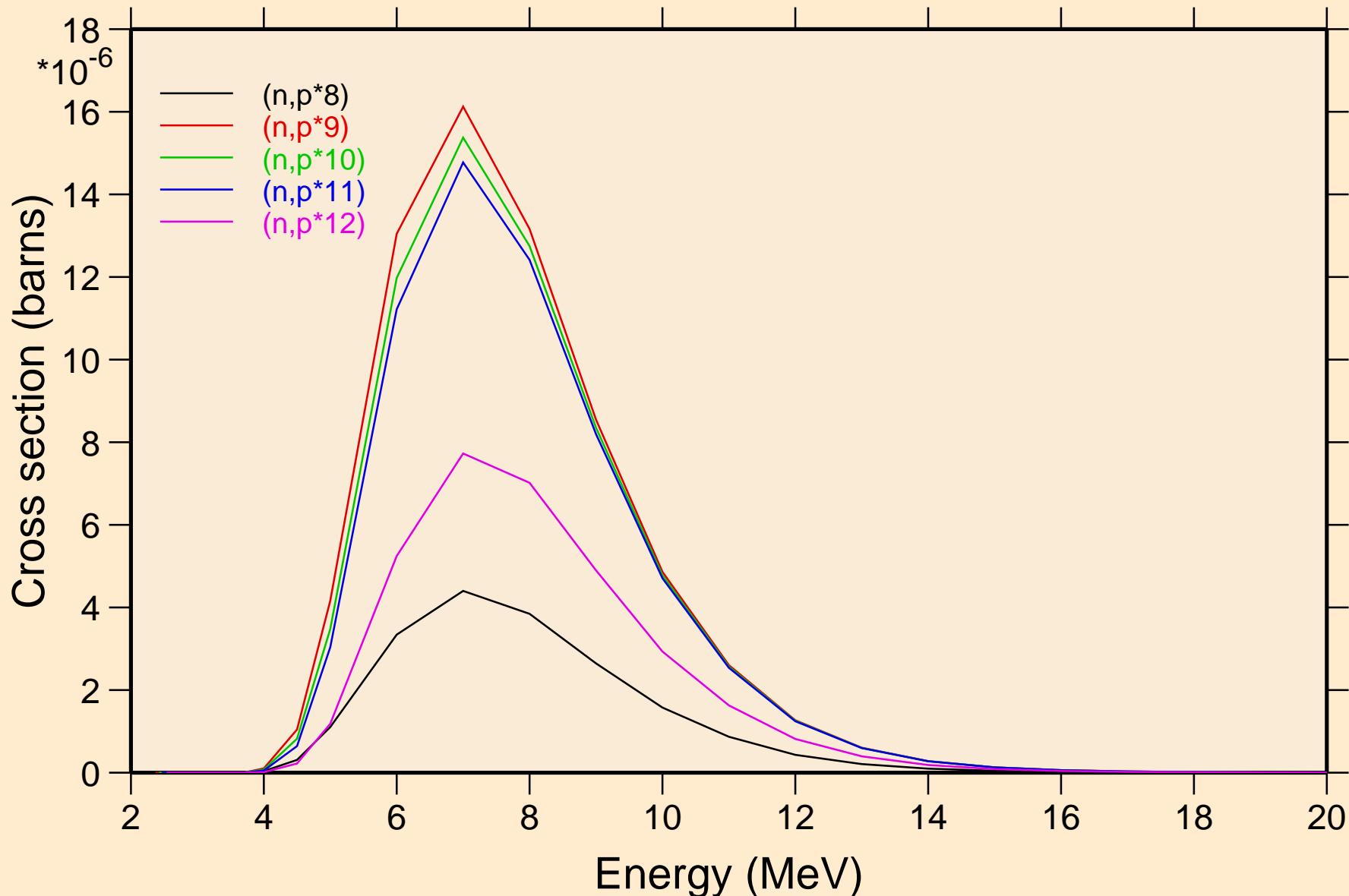
# ENDF/B-VII.1 GE-73

## Threshold reactions



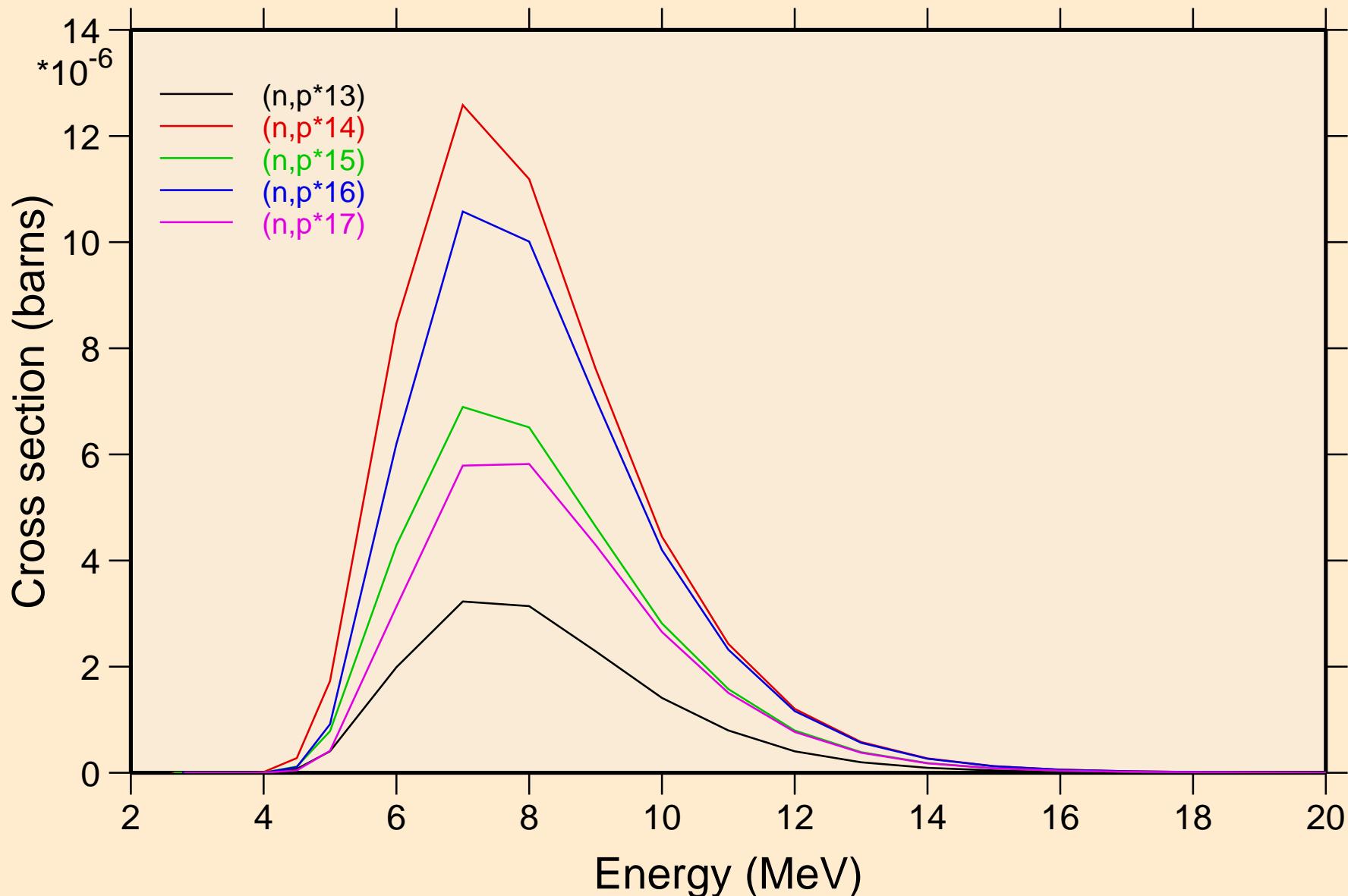
# ENDF/B-VII.1 GE-73

## Threshold reactions



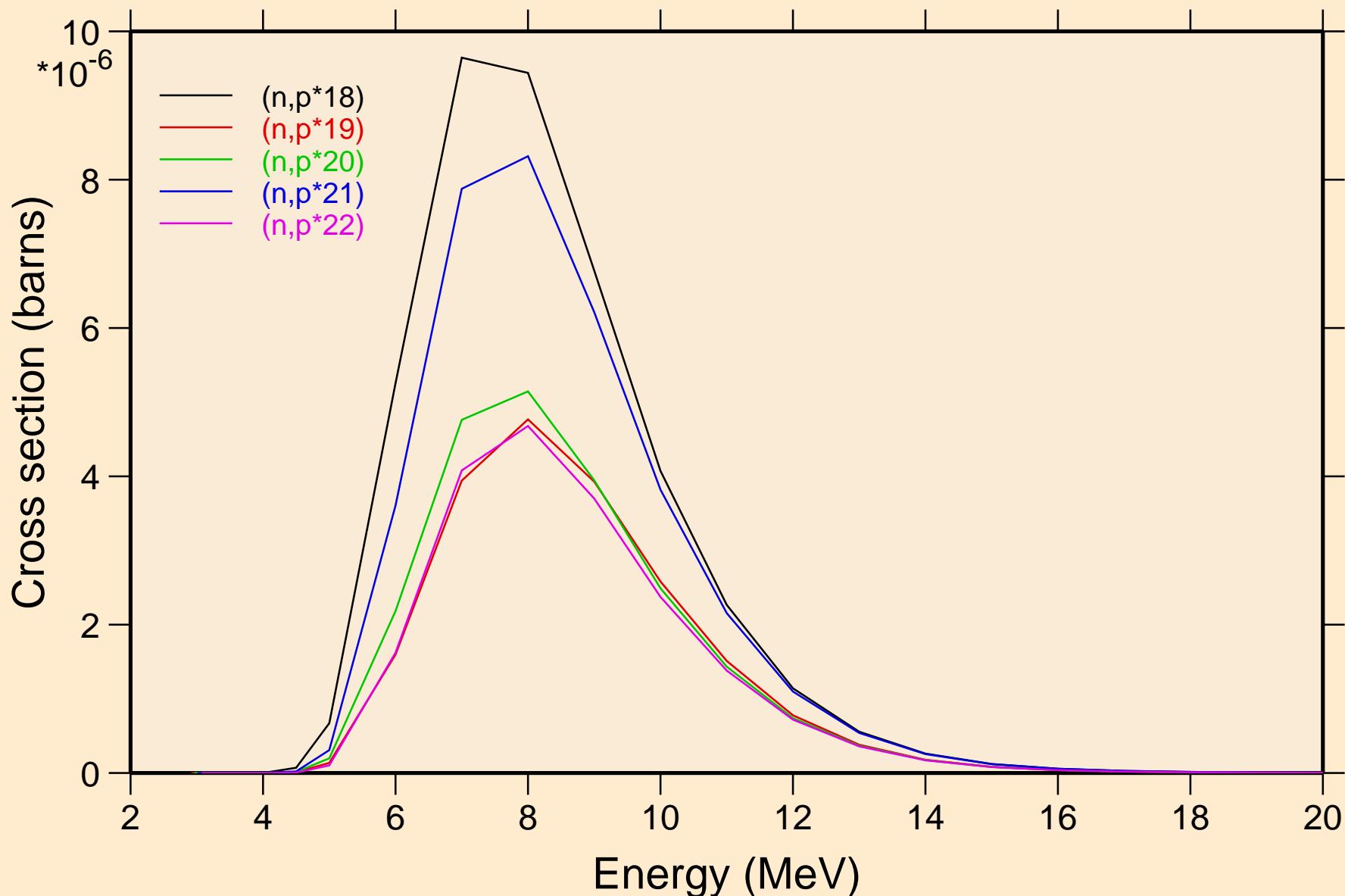
# ENDF/B-VII.1 GE-73

## Threshold reactions



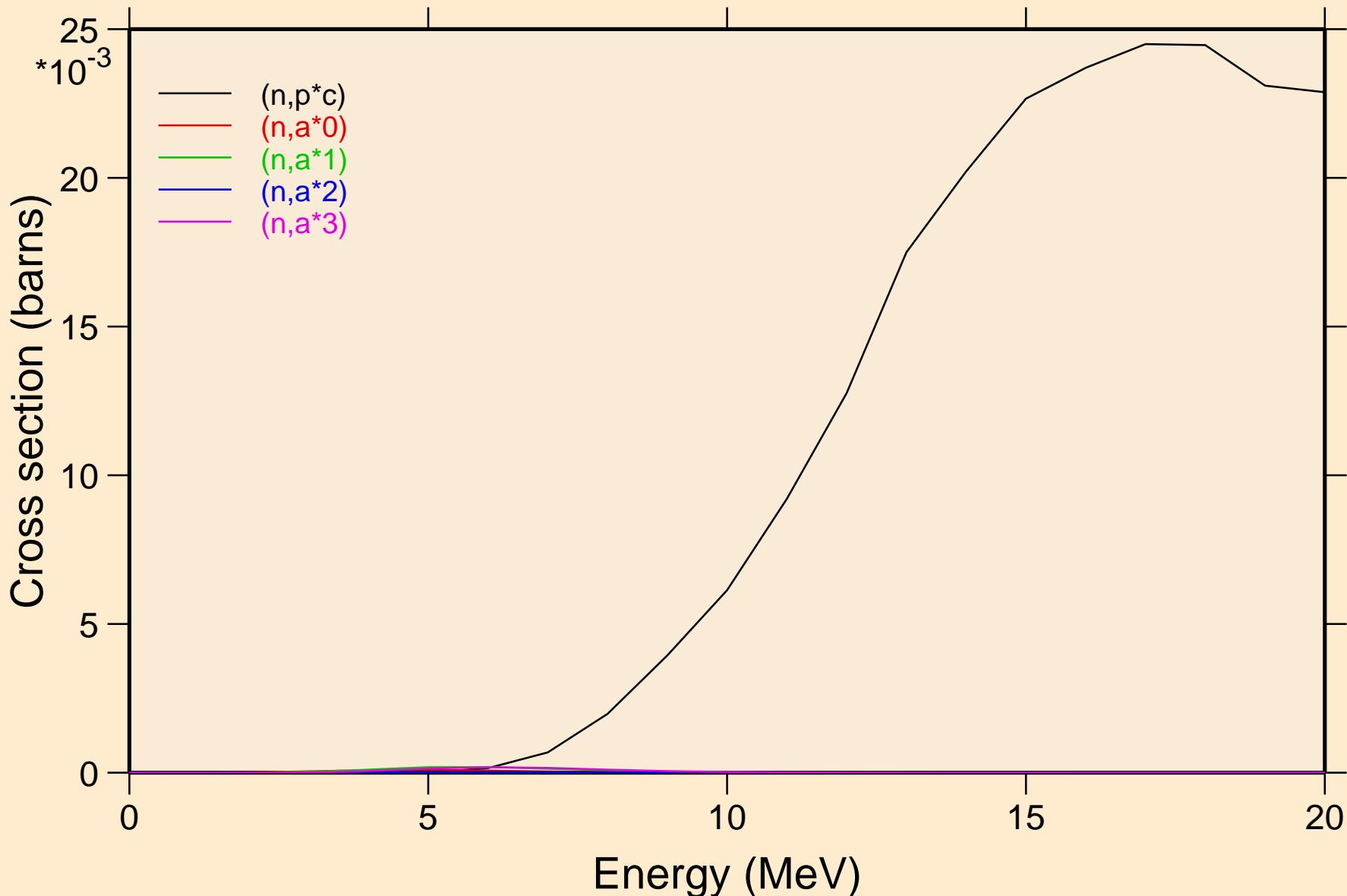
# ENDF/B-VII.1 GE-73

## Threshold reactions



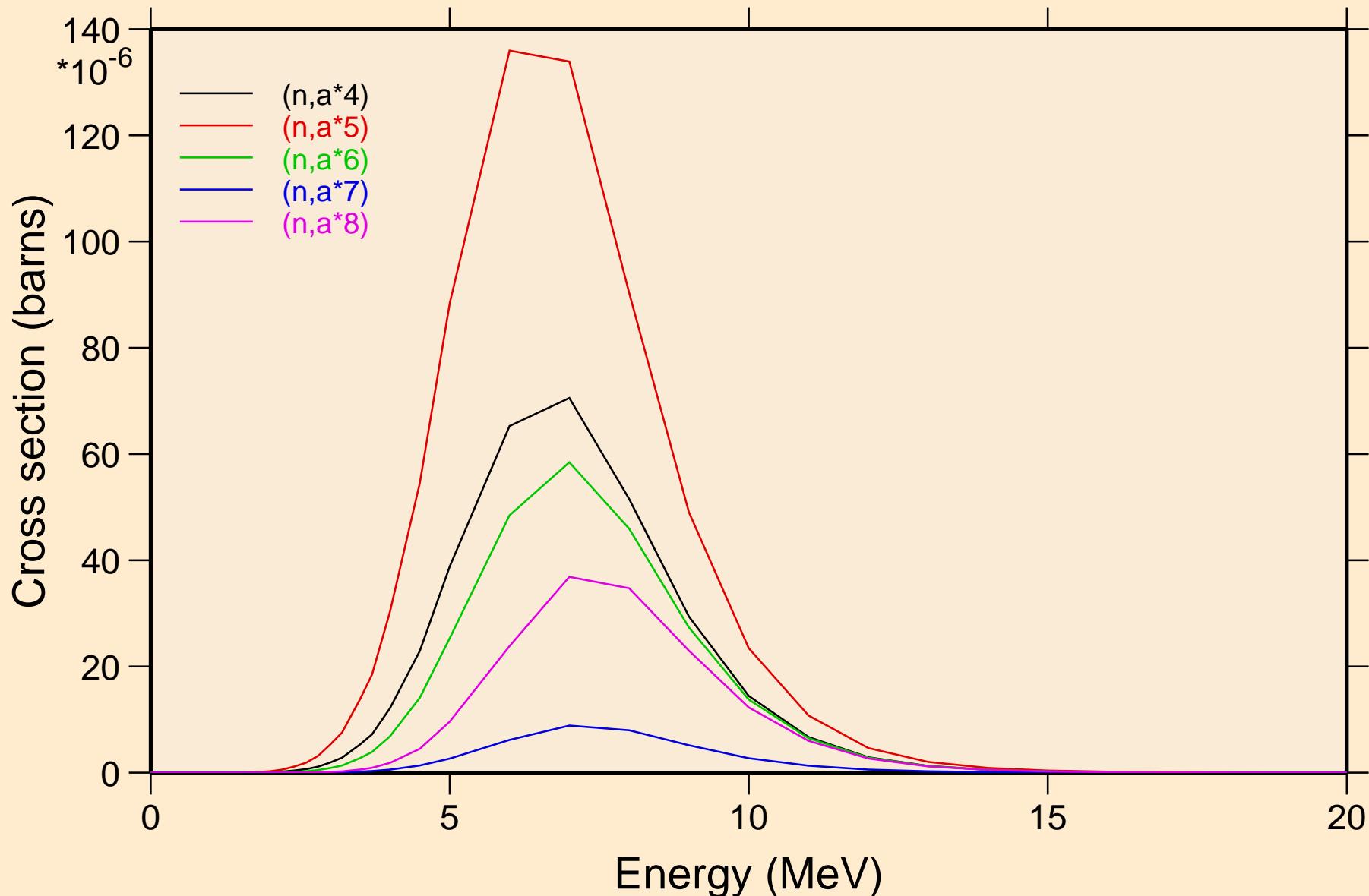
# ENDF/B-VII.1 GE-73

## Threshold reactions



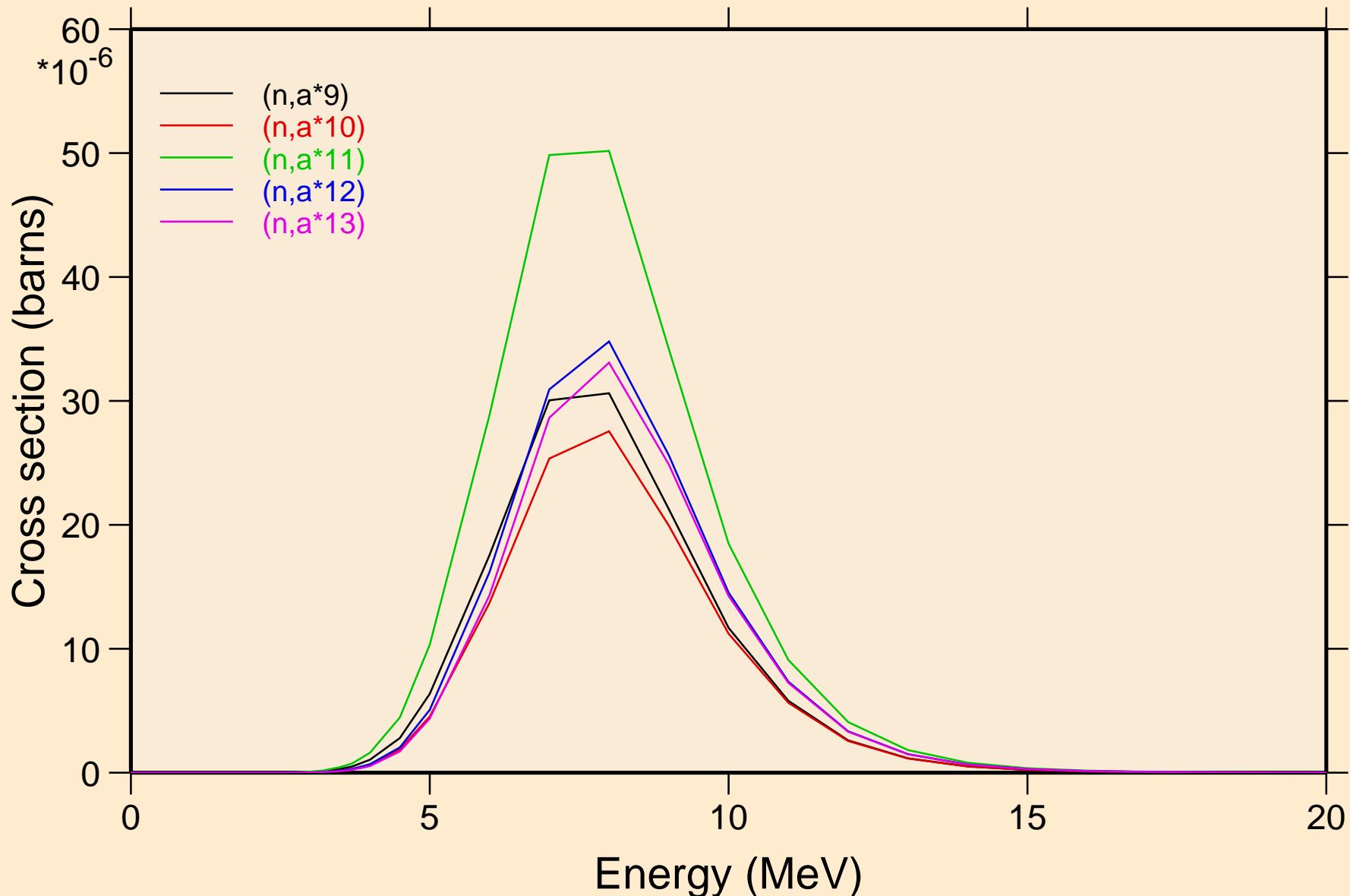
# ENDF/B-VII.1 GE-73

## Threshold reactions



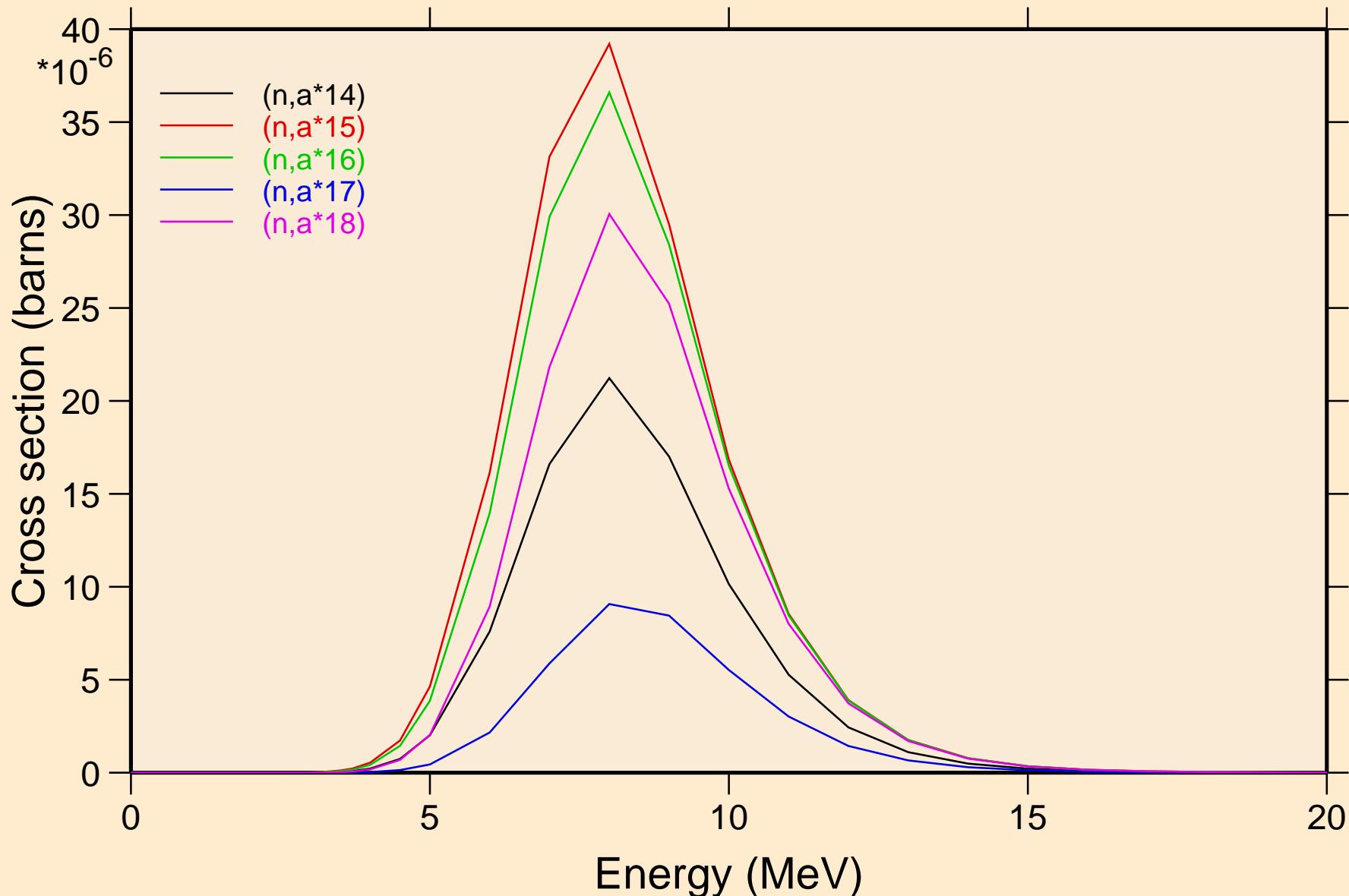
# ENDF/B-VII.1 GE-73

## Threshold reactions



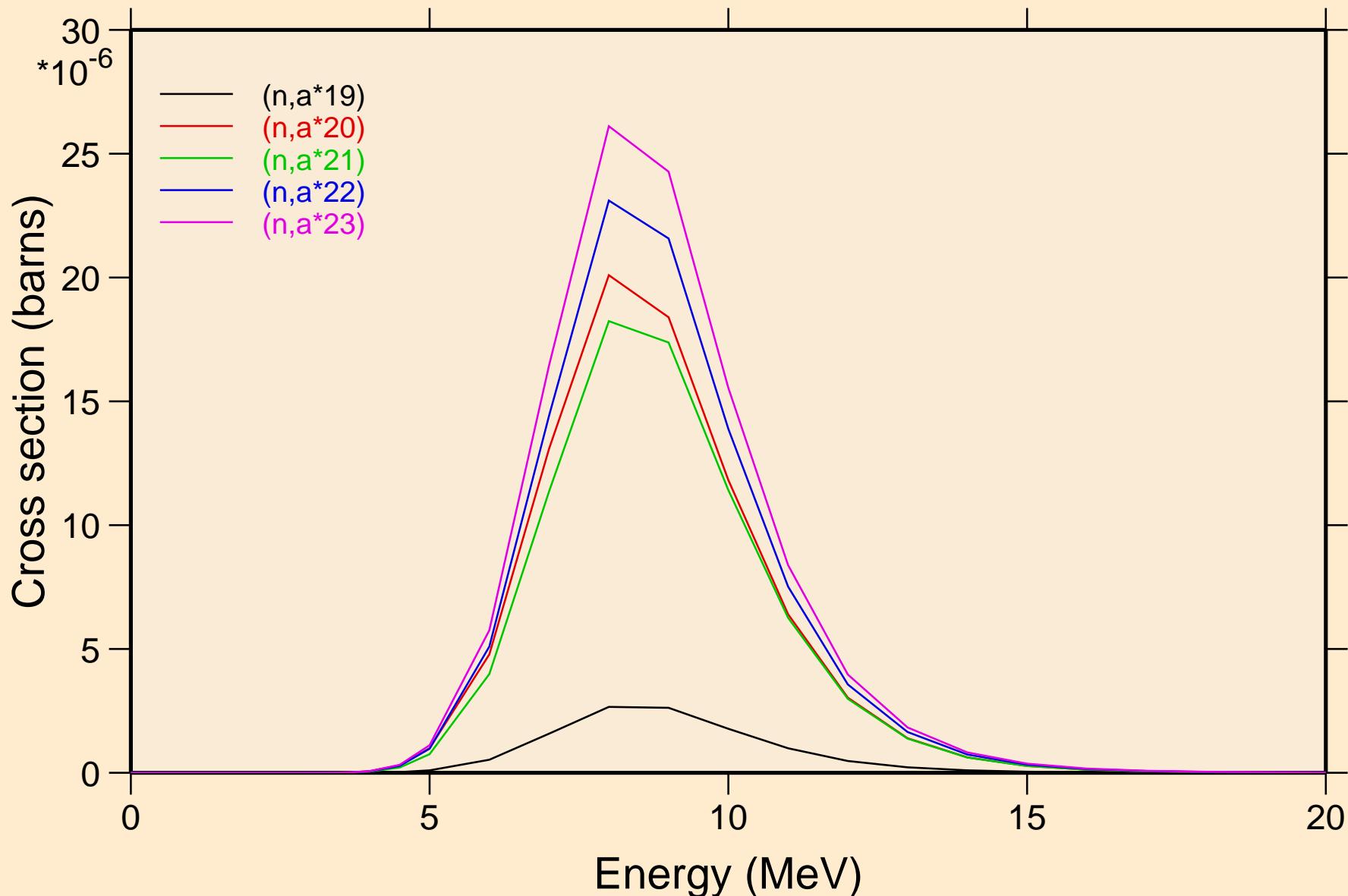
# ENDF/B-VII.1 GE-73

## Threshold reactions



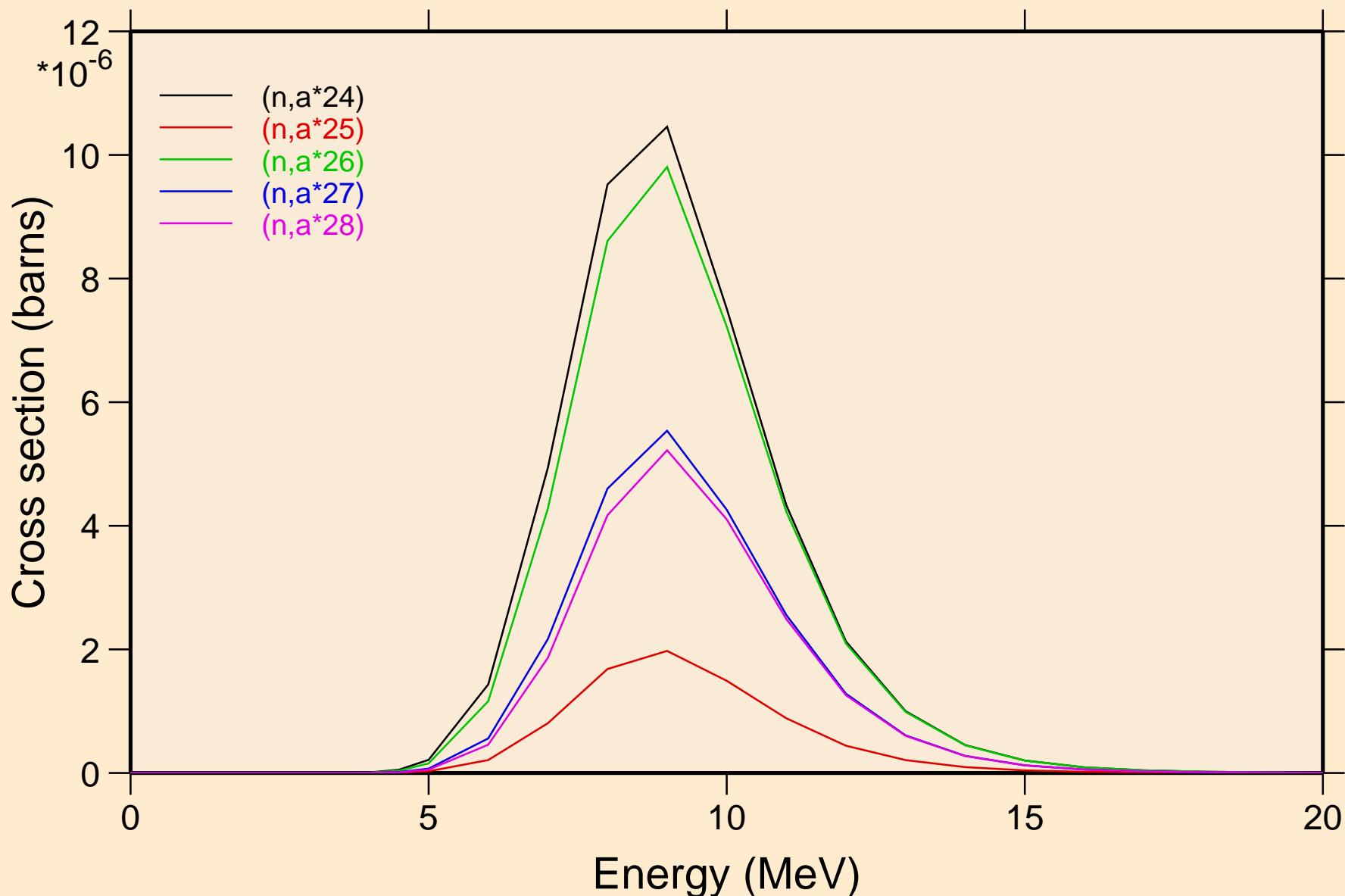
# ENDF/B-VII.1 GE-73

## Threshold reactions



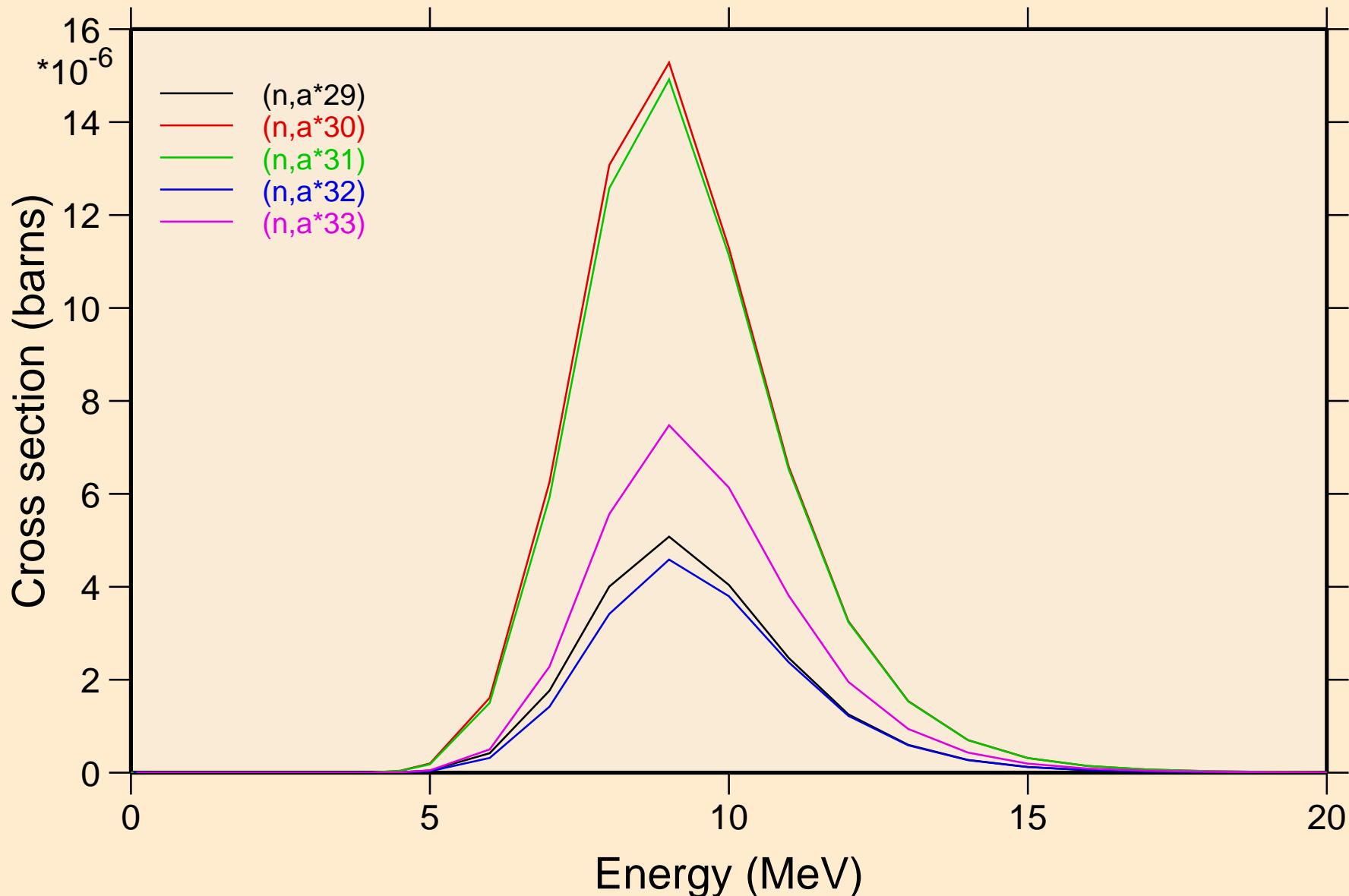
# ENDF/B-VII.1 GE-73

## Threshold reactions



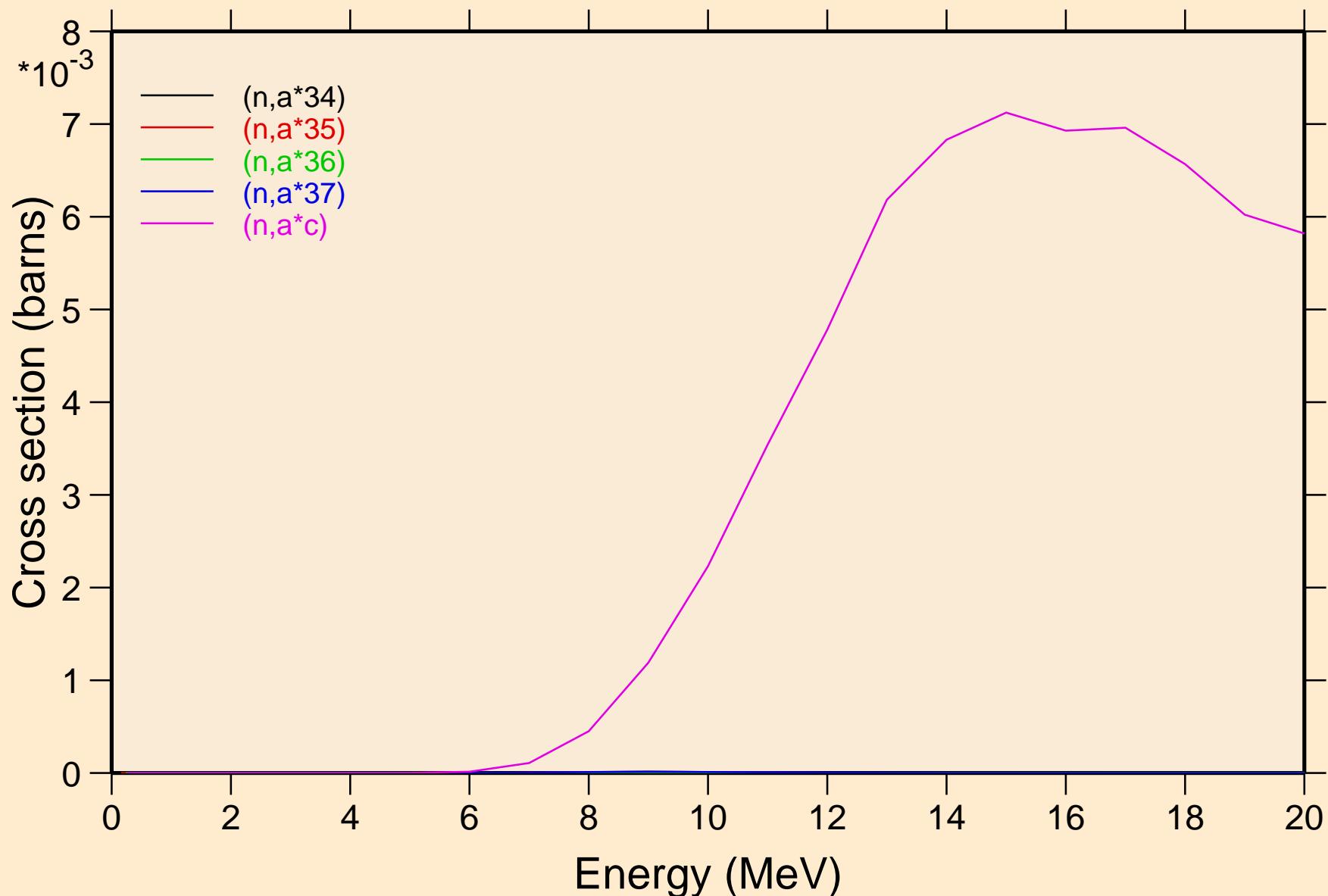
# ENDF/B-VII.1 GE-73

## Threshold reactions

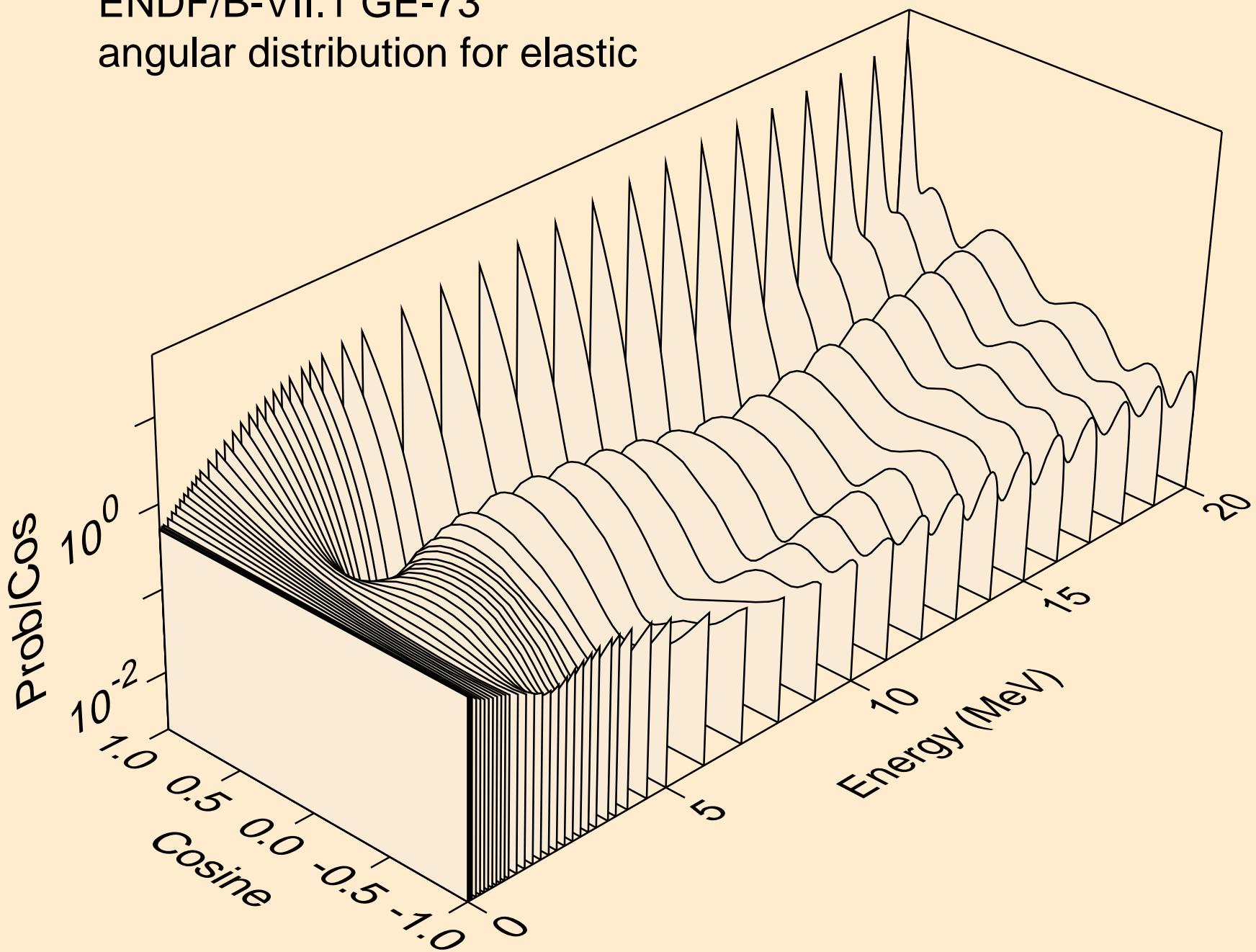


# ENDF/B-VII.1 GE-73

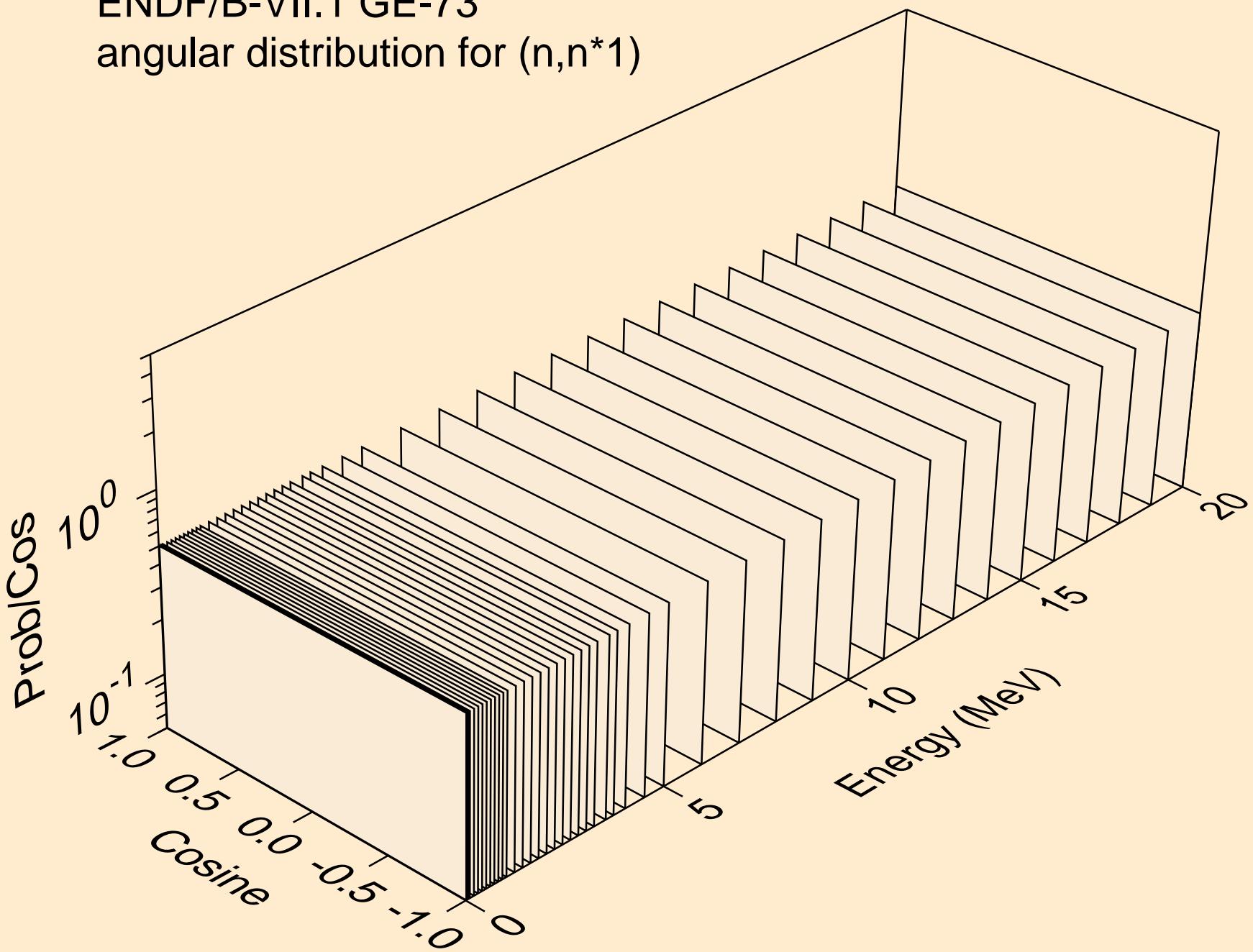
## Threshold reactions



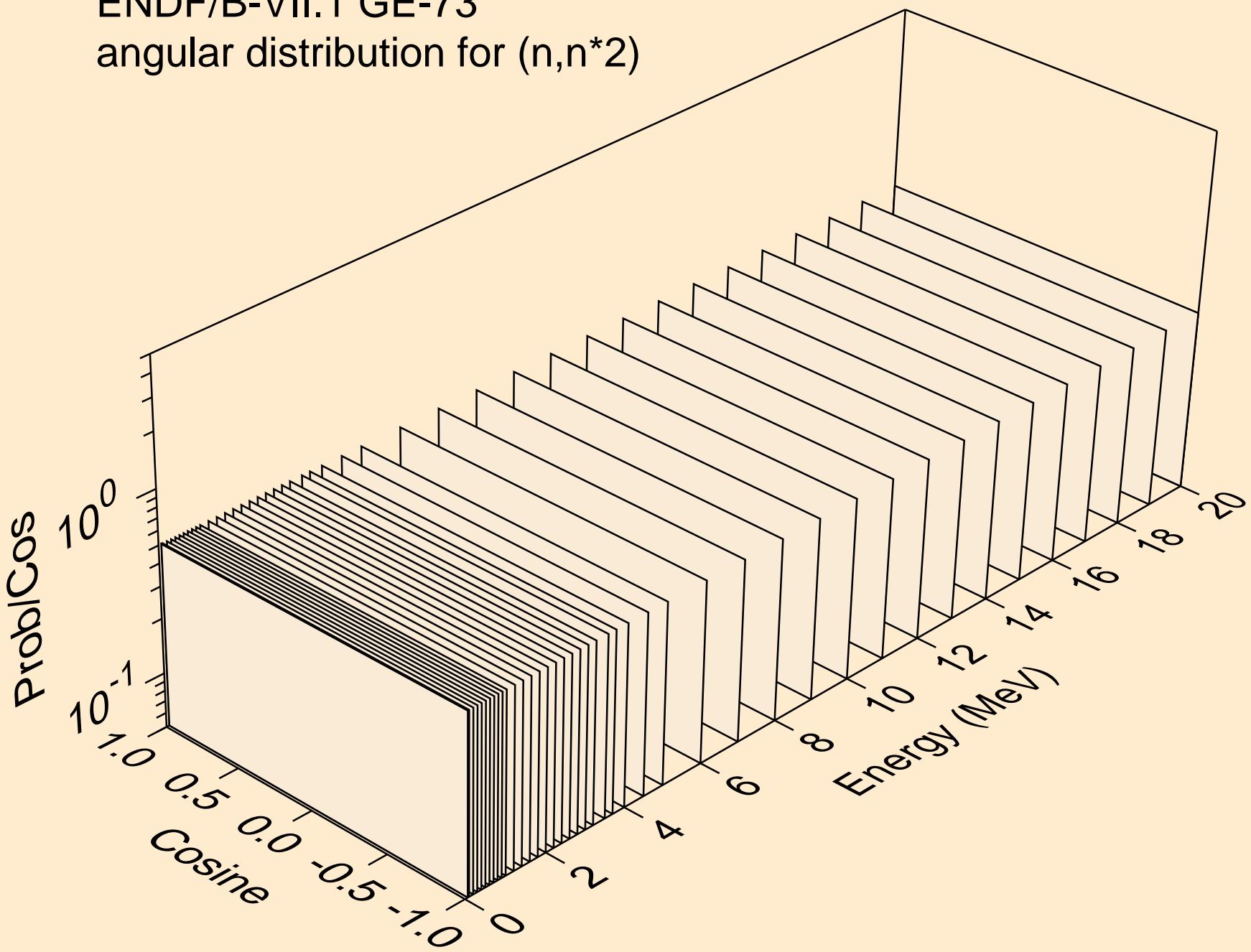
ENDF/B-VII.1 GE-73  
angular distribution for elastic



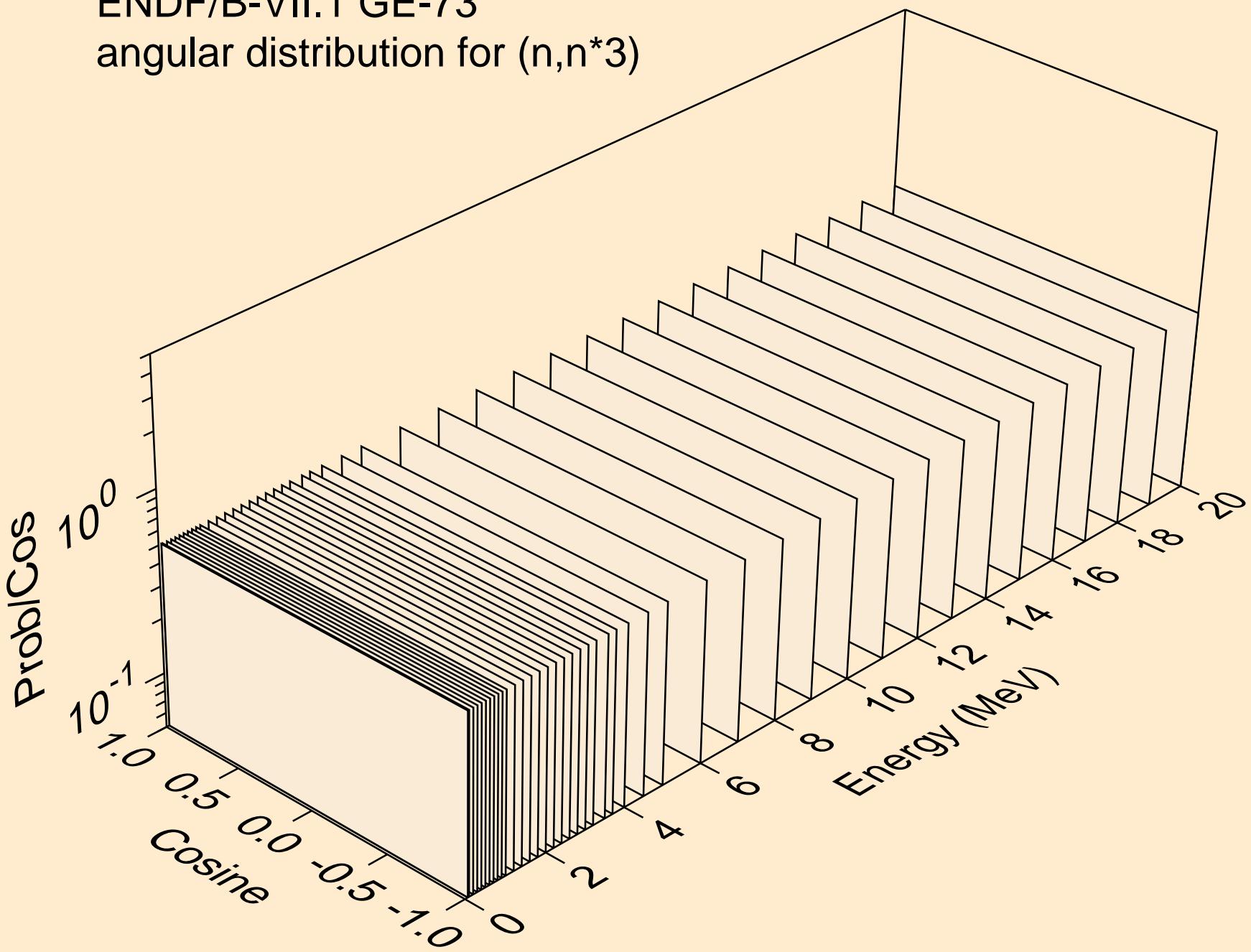
ENDF/B-VII.1 GE-73  
angular distribution for (n,n\*1)



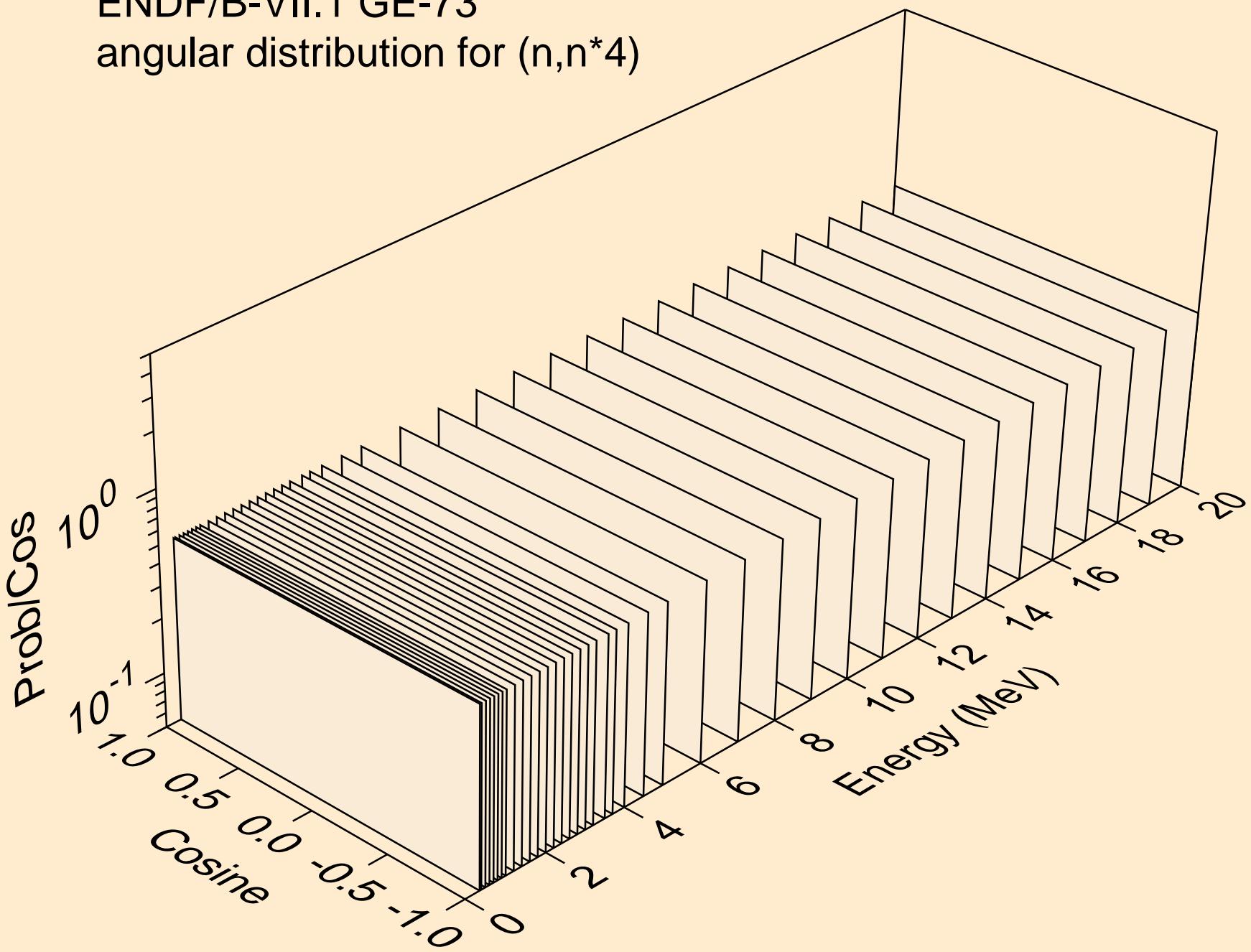
ENDF/B-VII.1 GE-73  
angular distribution for  $(n,n^2)$



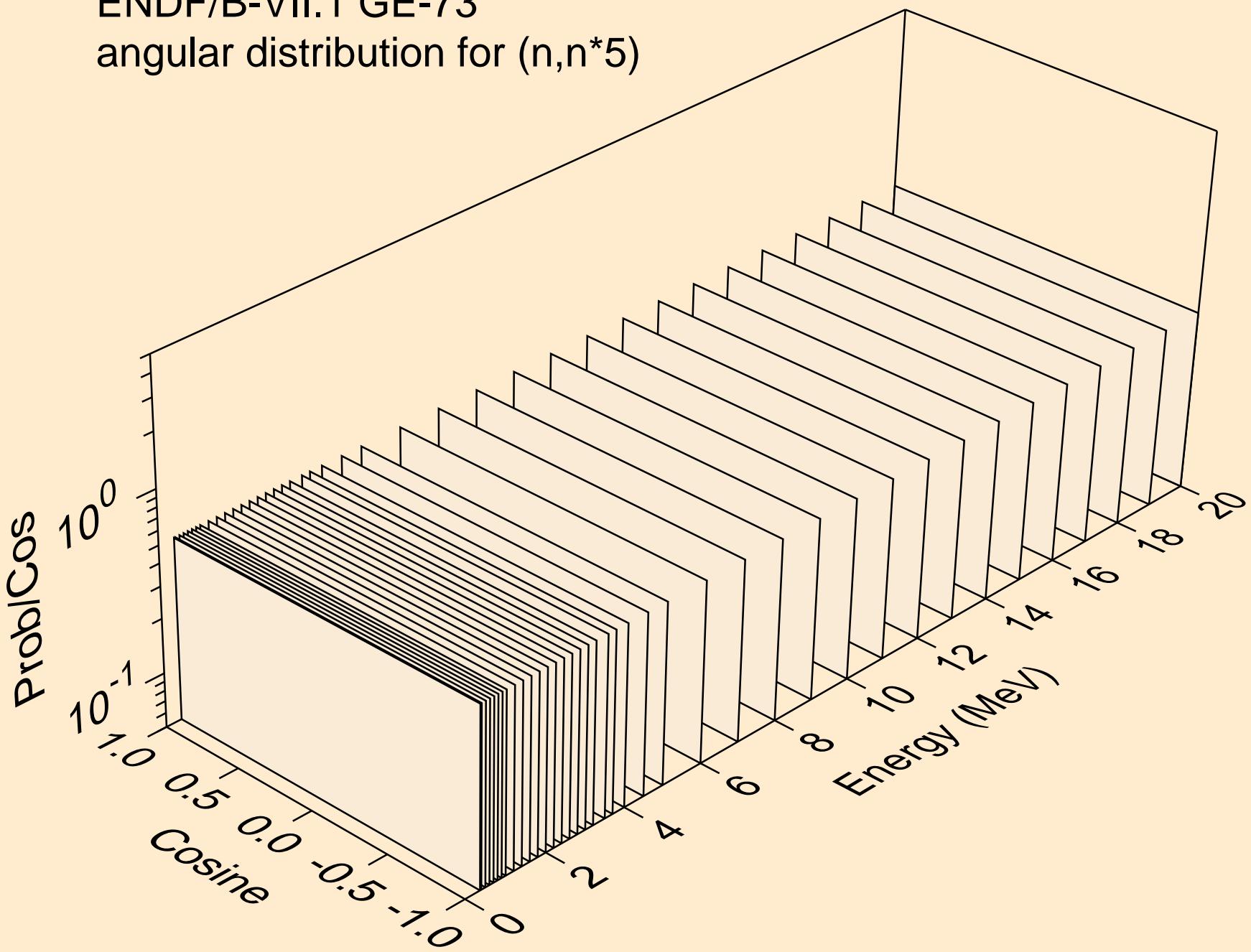
ENDF/B-VII.1 GE-73  
angular distribution for  $(n,n^*3)$



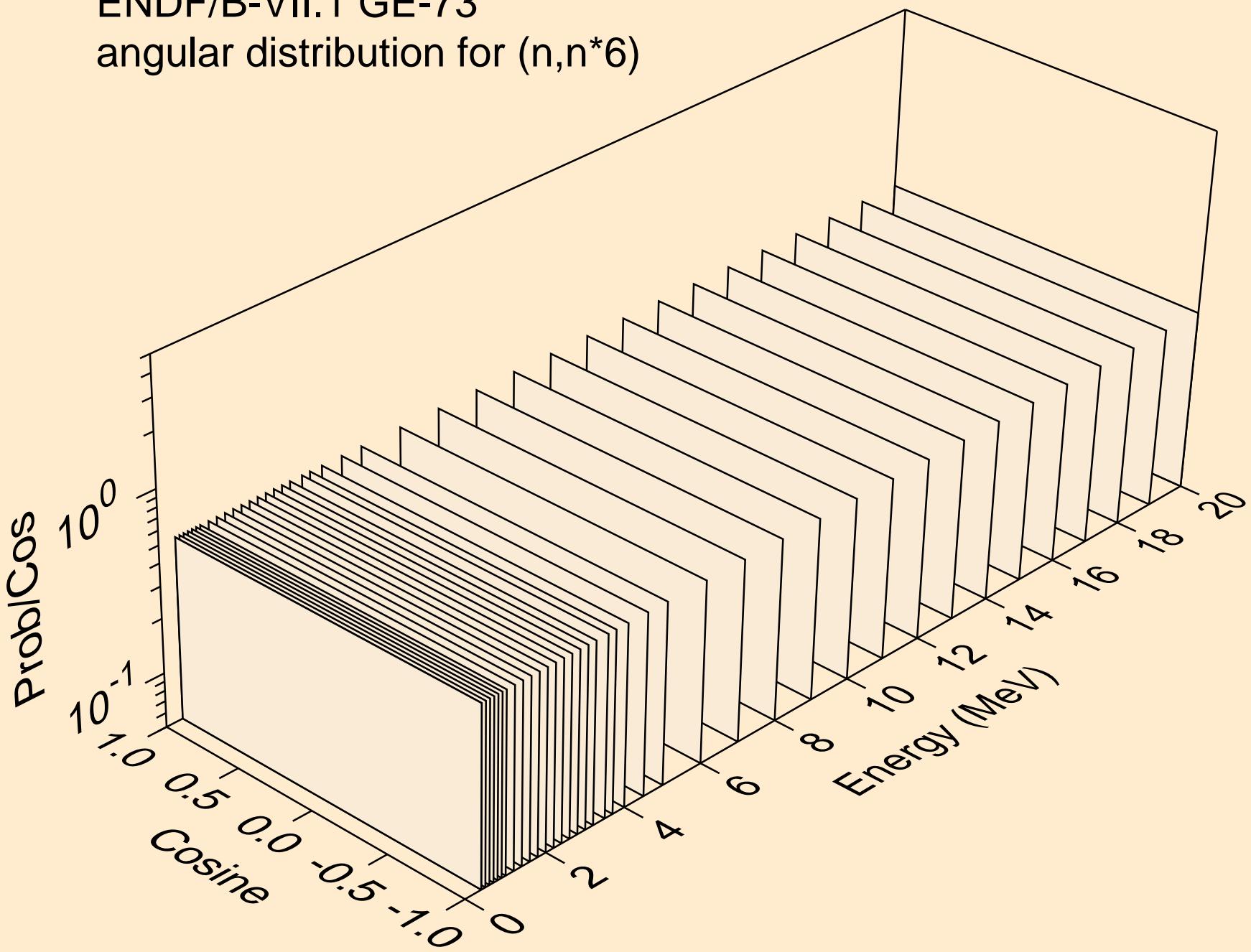
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angular distribution for  $(n,n^*4)$



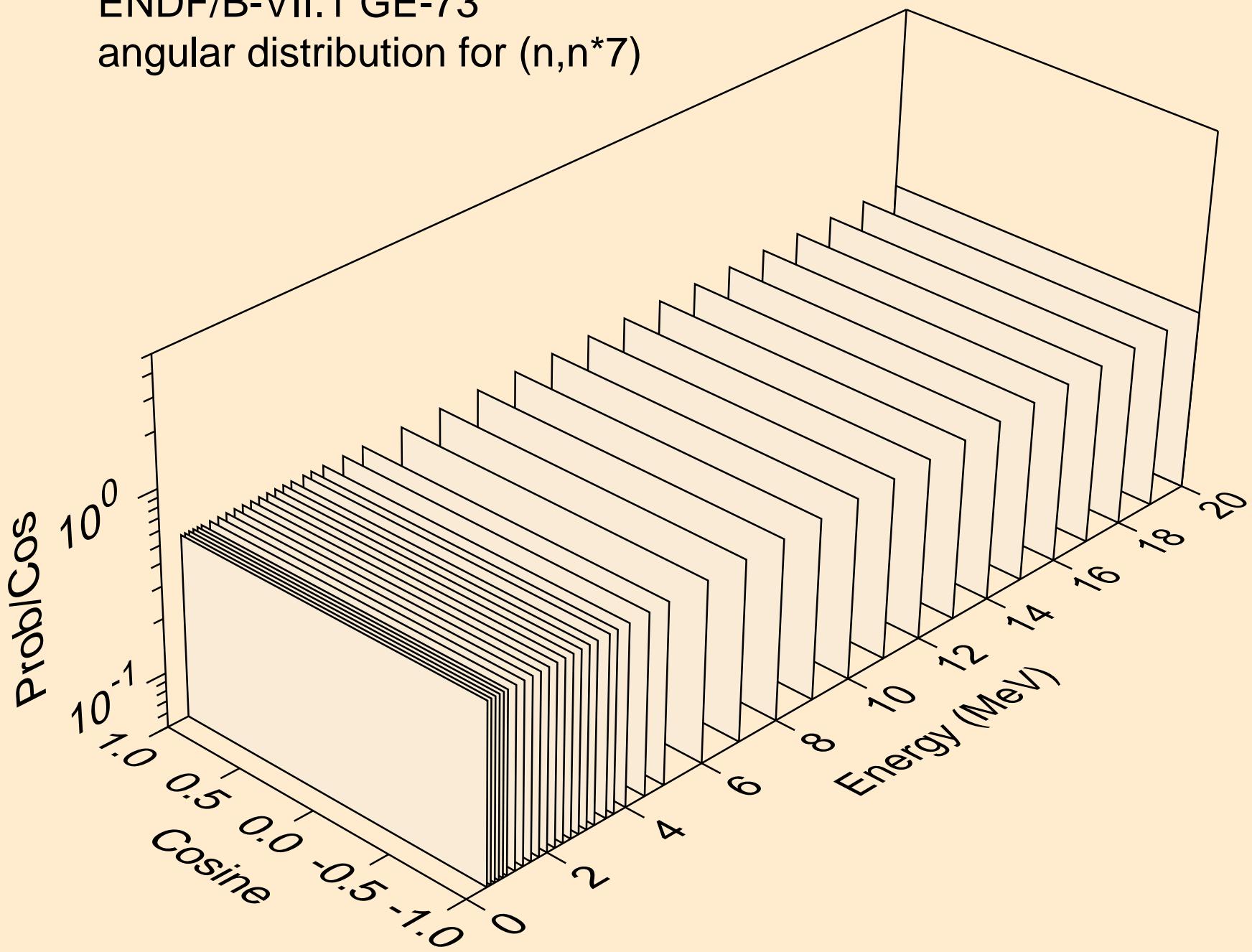
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angular distribution for (n,n\*5)



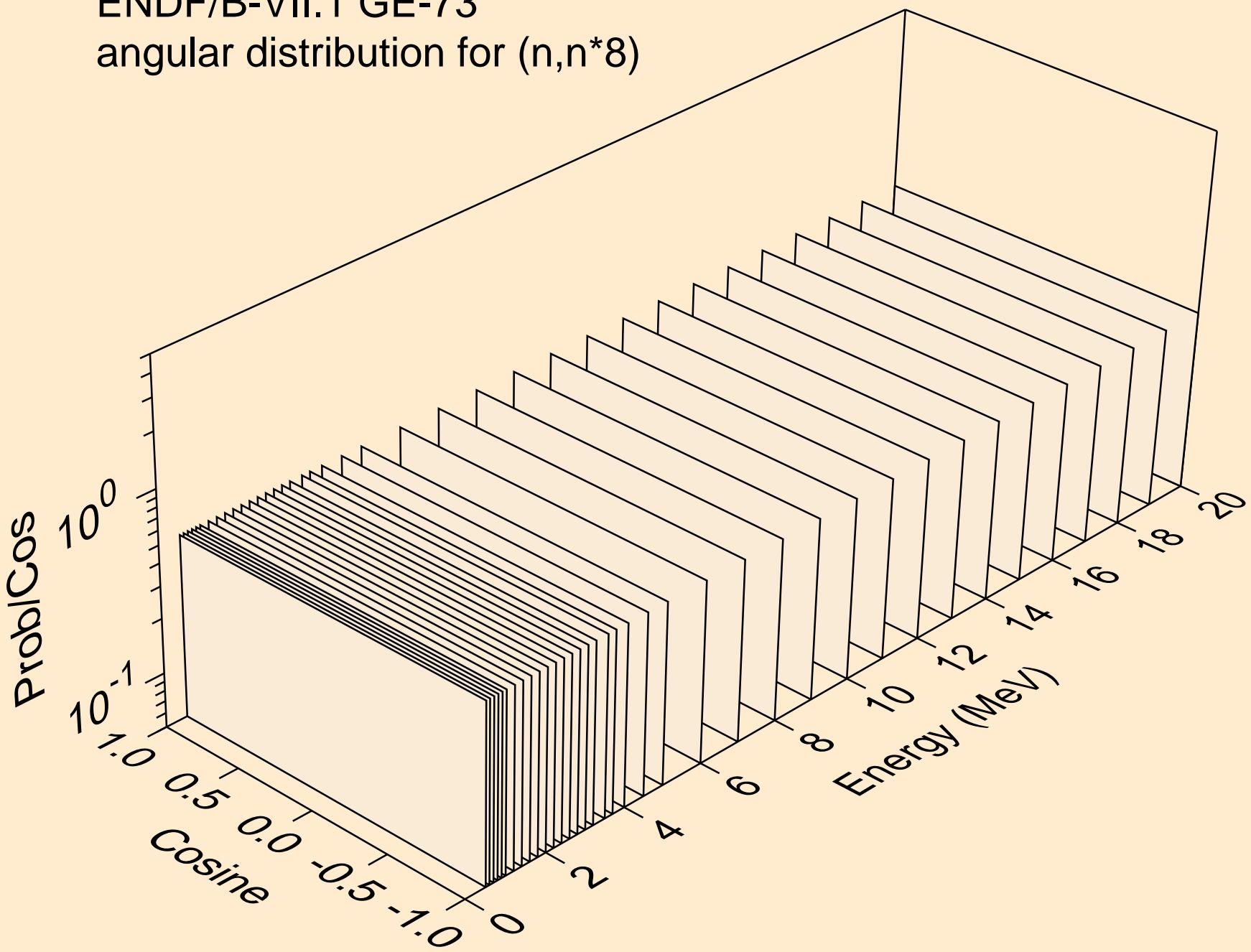
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angular distribution for  $(n,n^*6)$



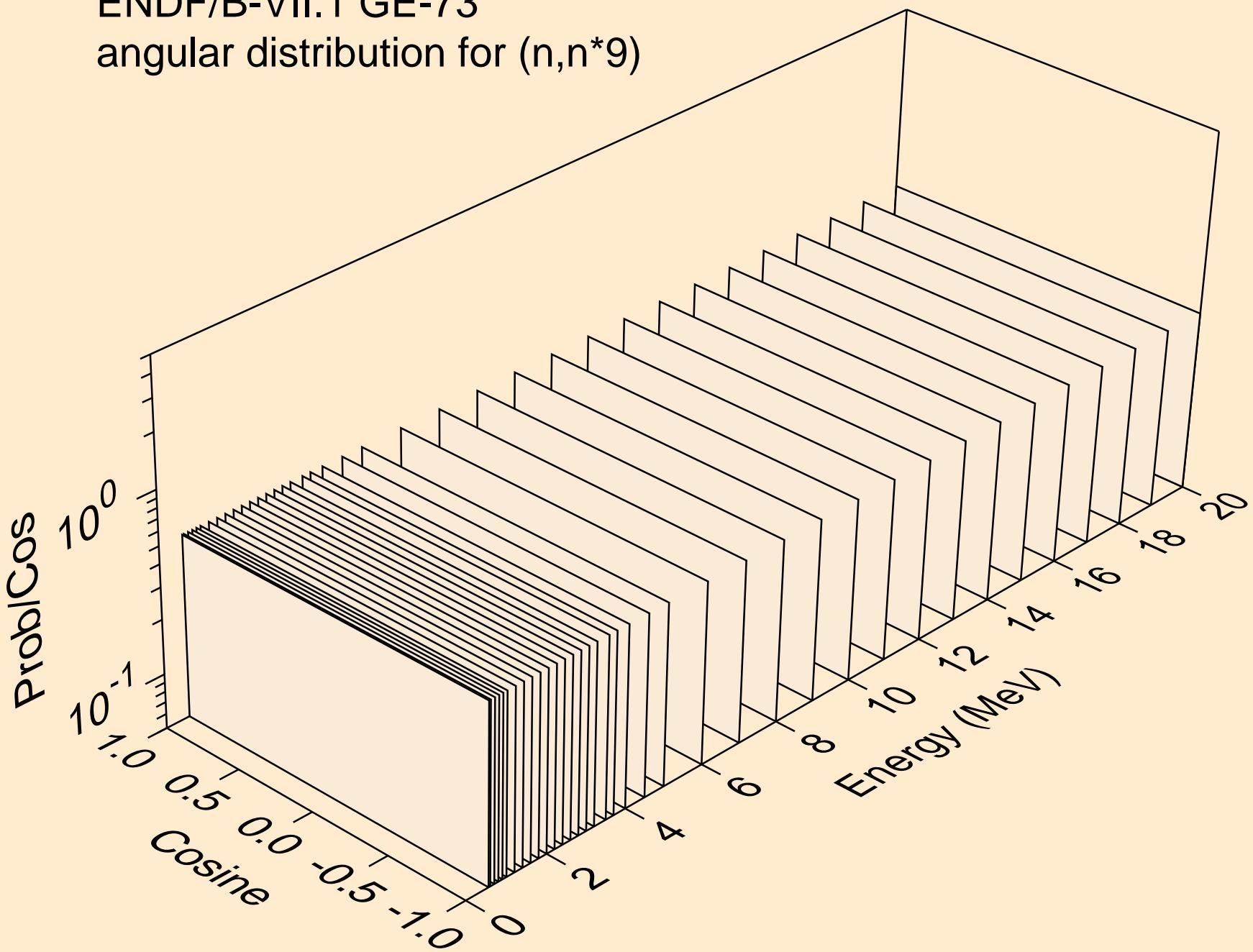
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angular distribution for  $(n,n^*7)$



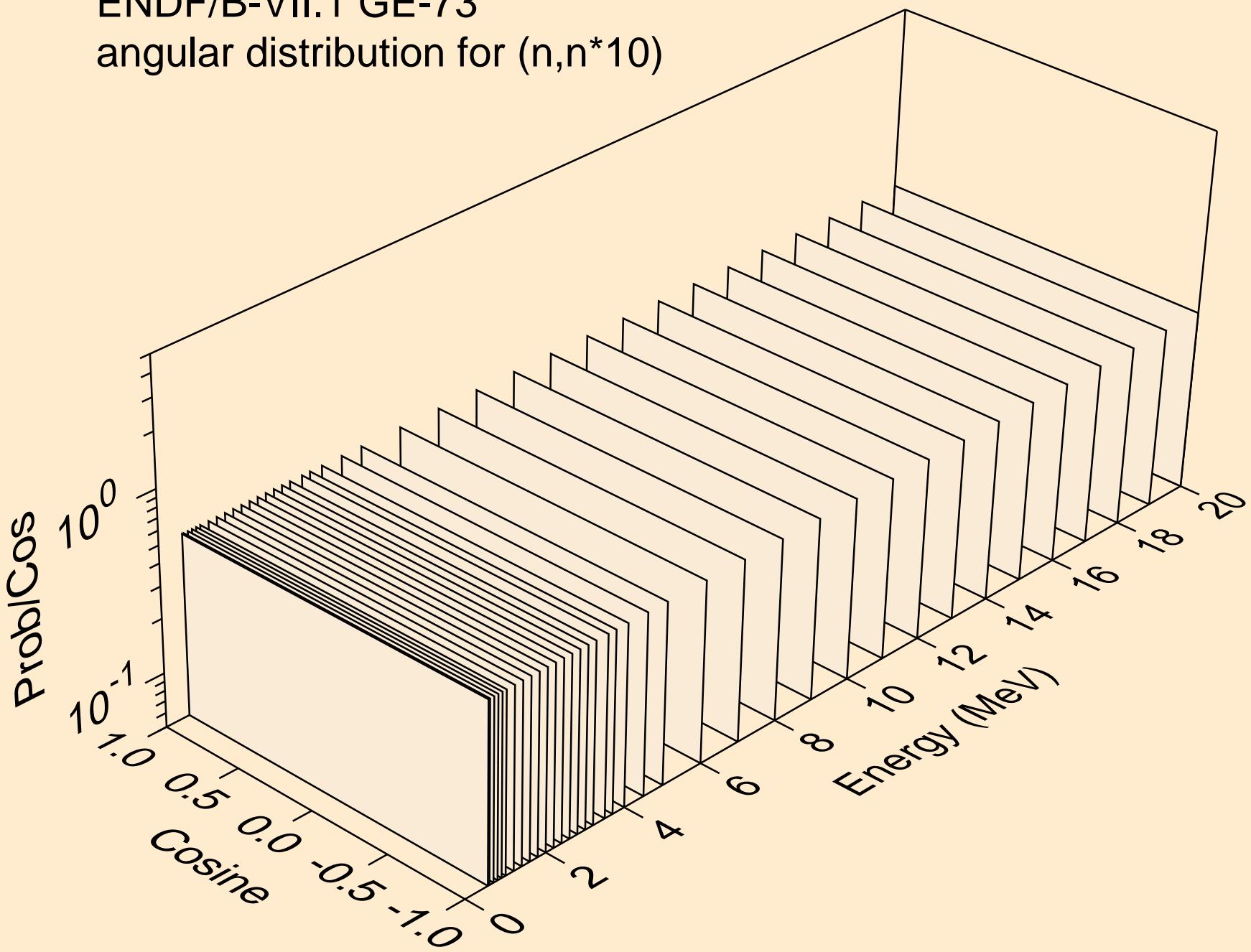
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angular distribution for  $(n,n^*8)$



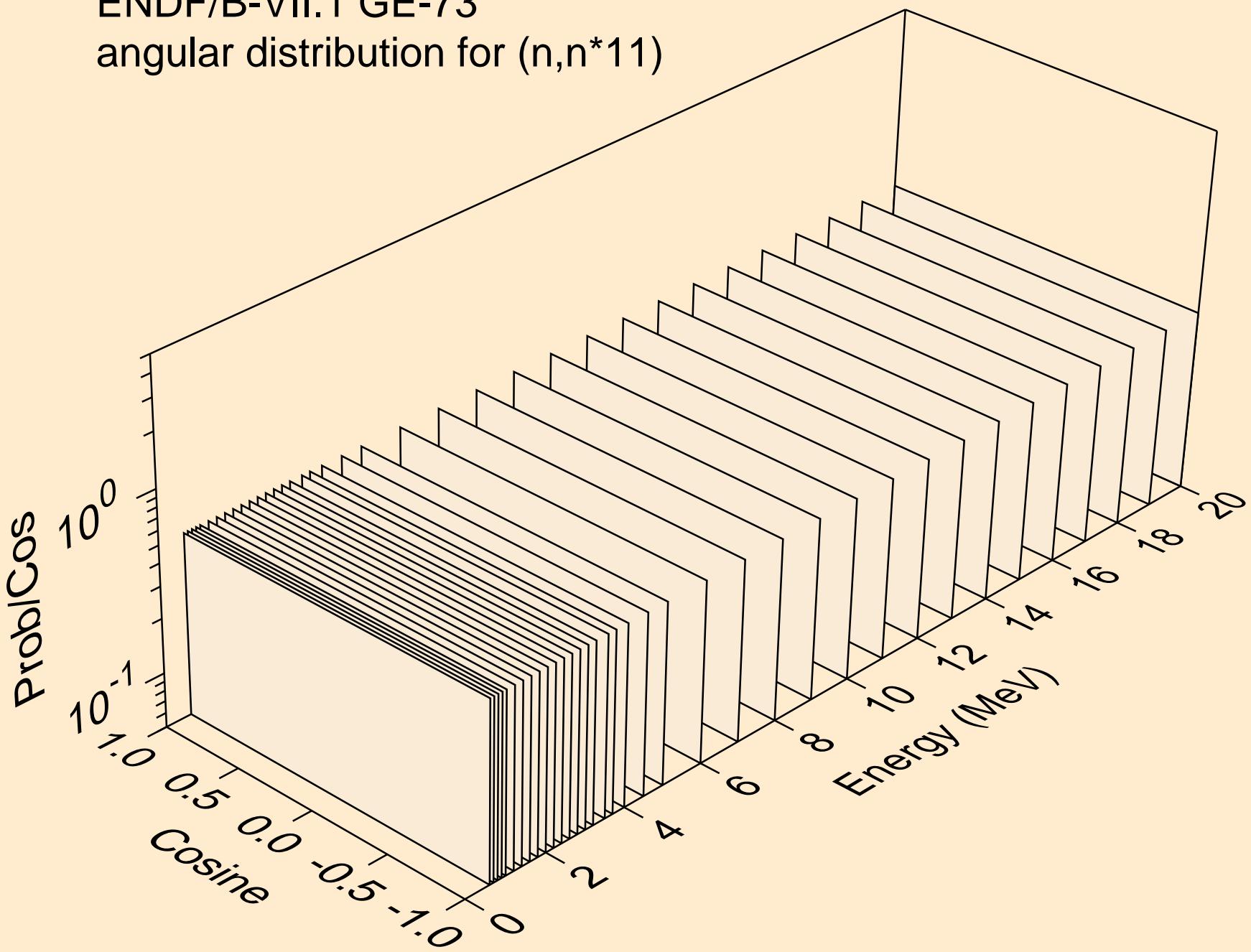
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angular distribution for  $(n,n^*9)$



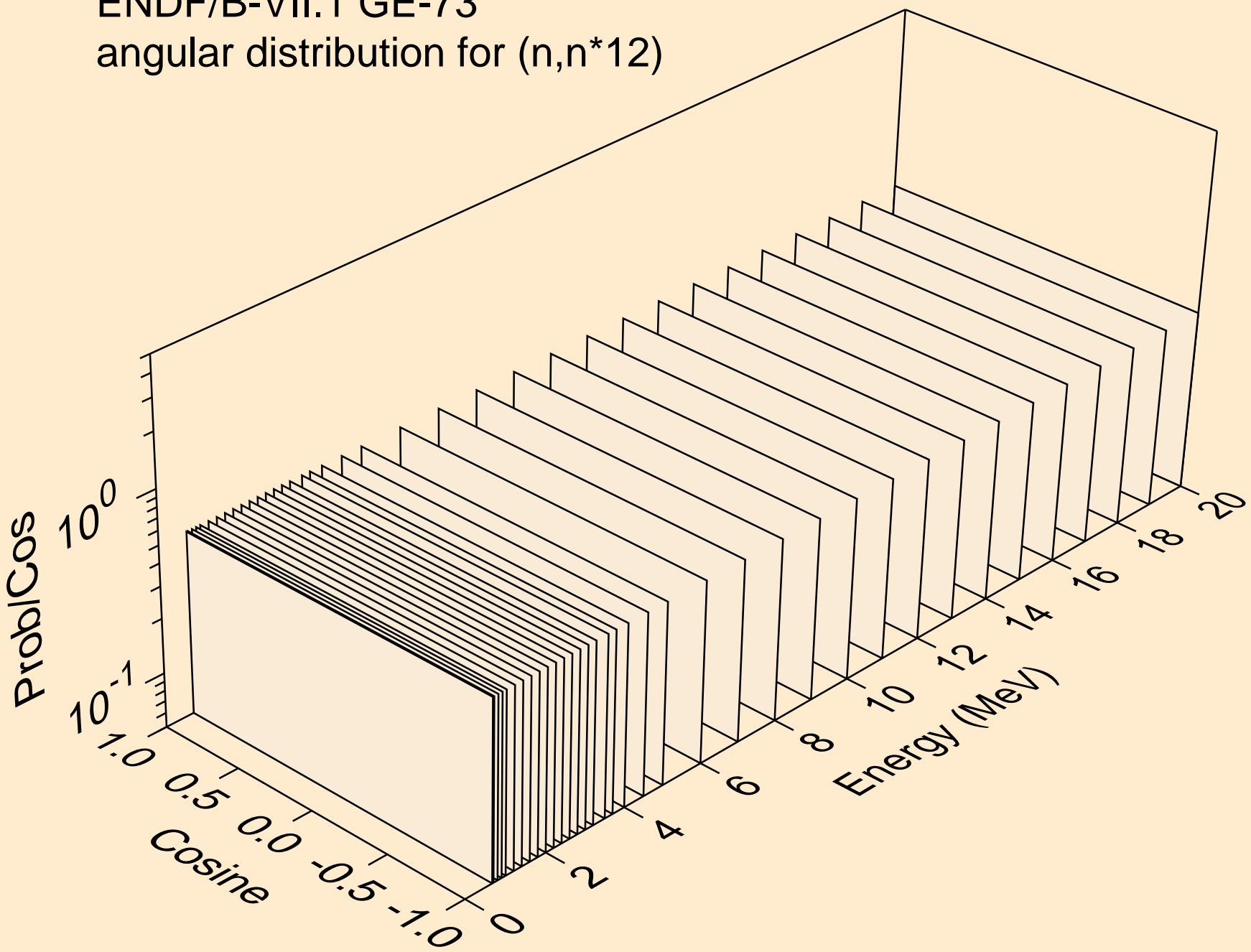
ENDF/B-VII.1 GE-73  
angular distribution for (n,n\*10)



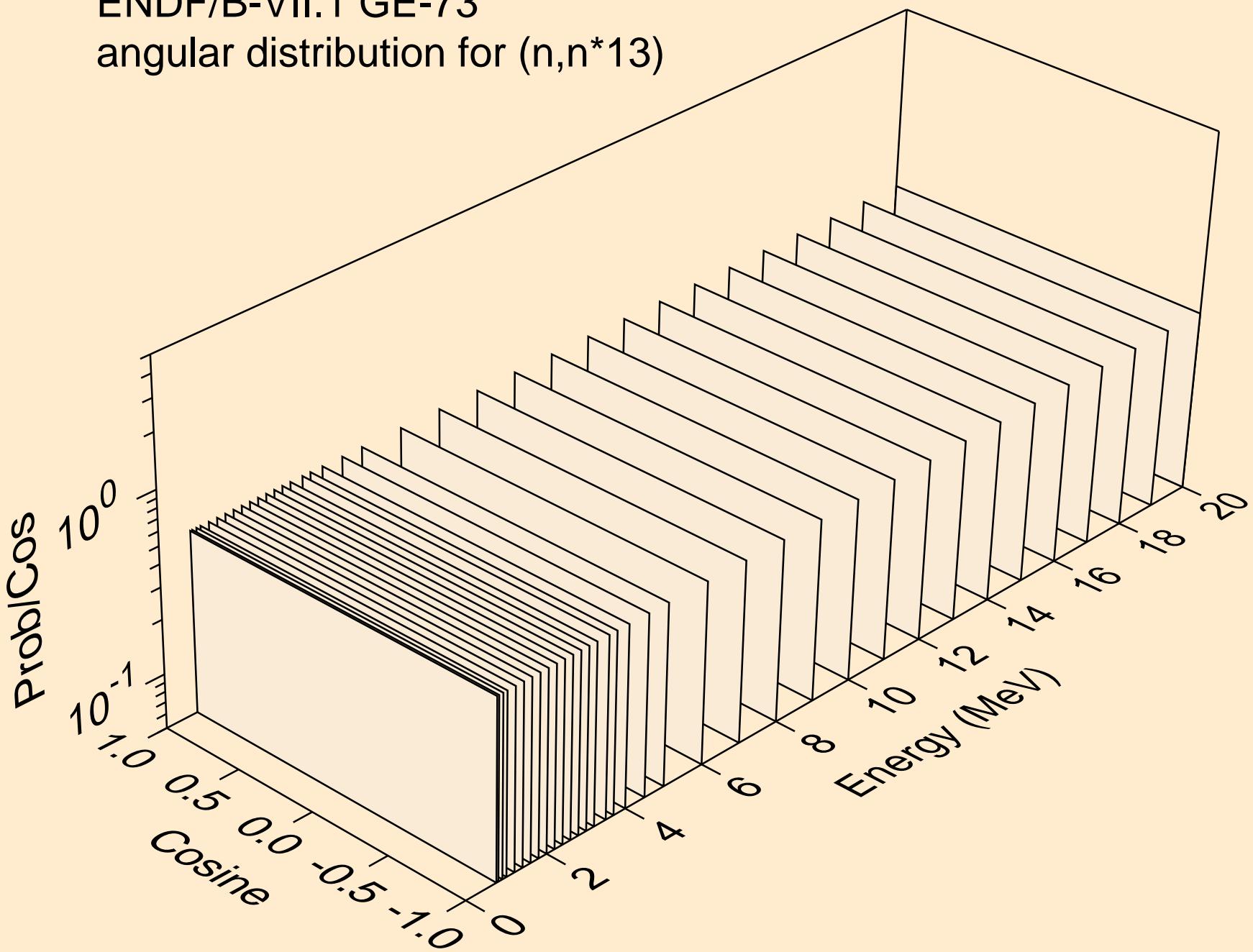
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angular distribution for (n,n\*11)



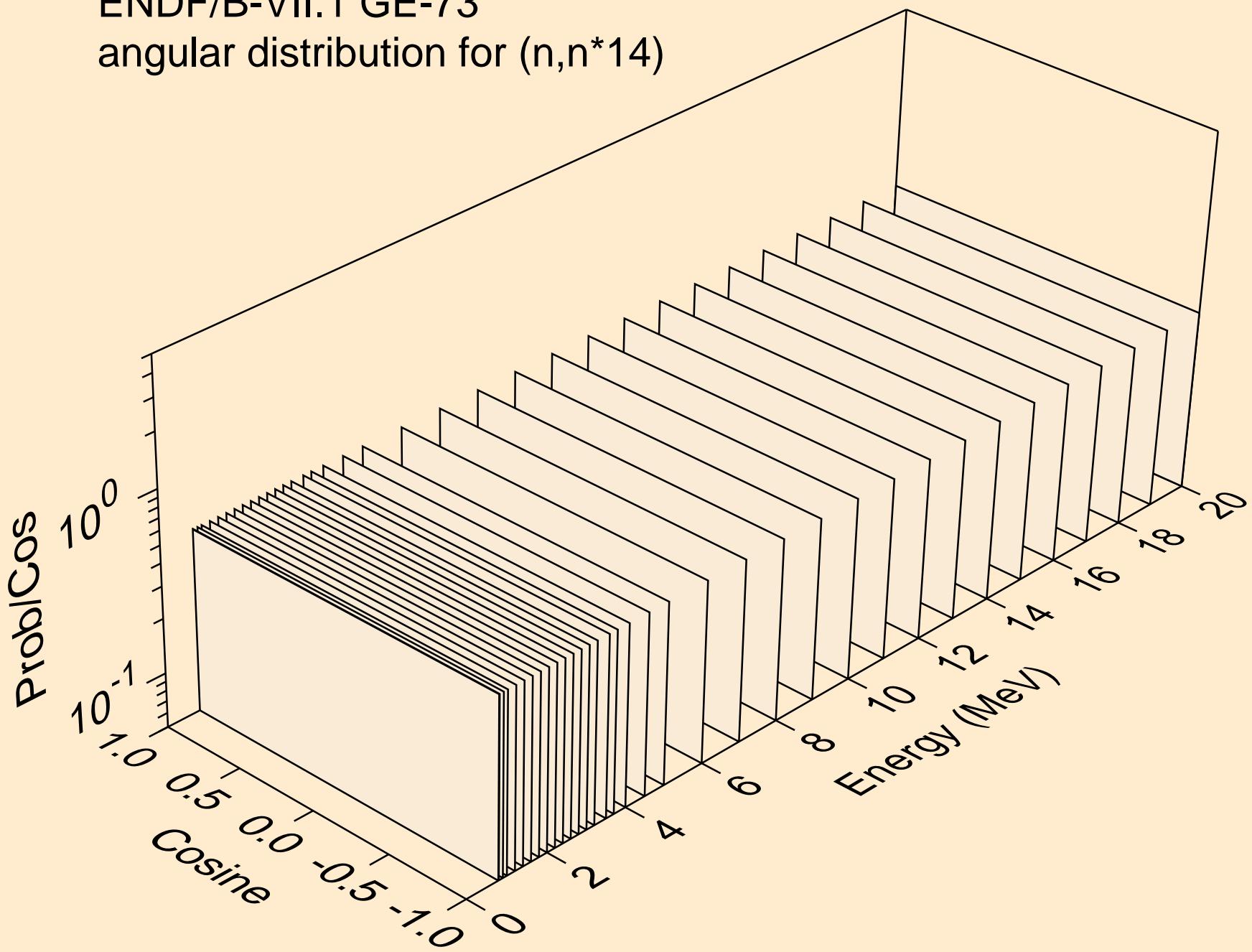
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angular distribution for (n,n\*12)



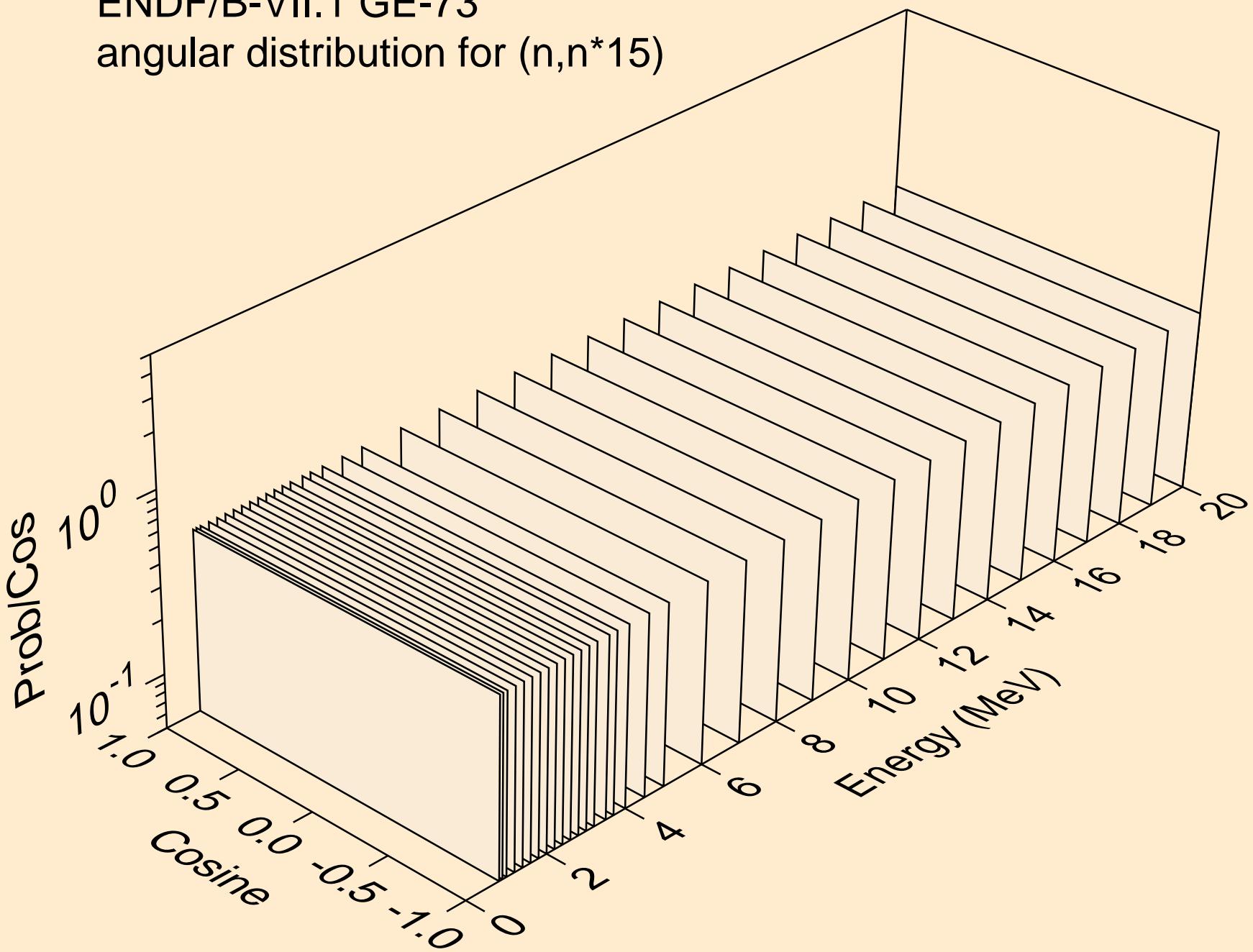
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angular distribution for (n,n\*13)



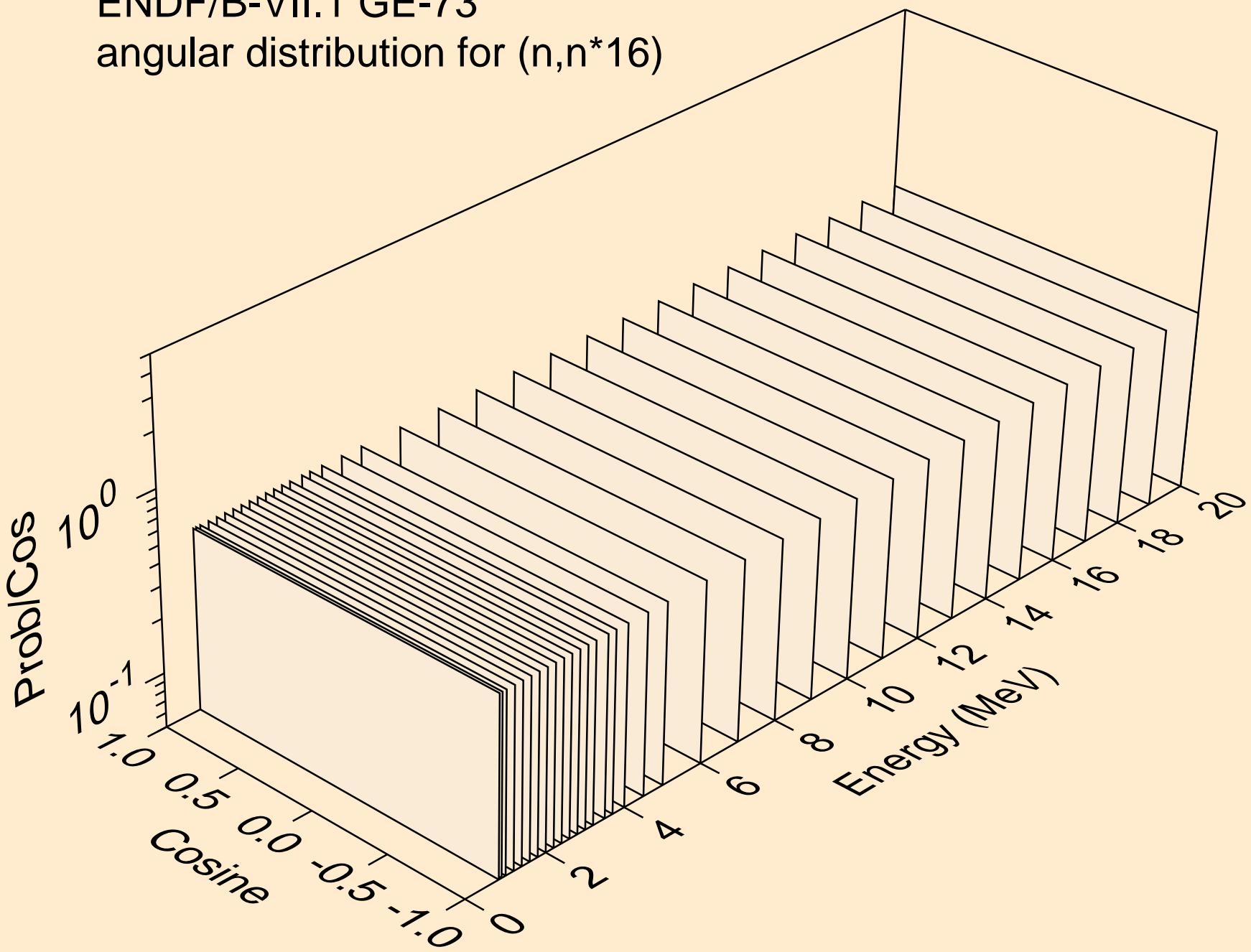
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angular distribution for (n,n\*14)



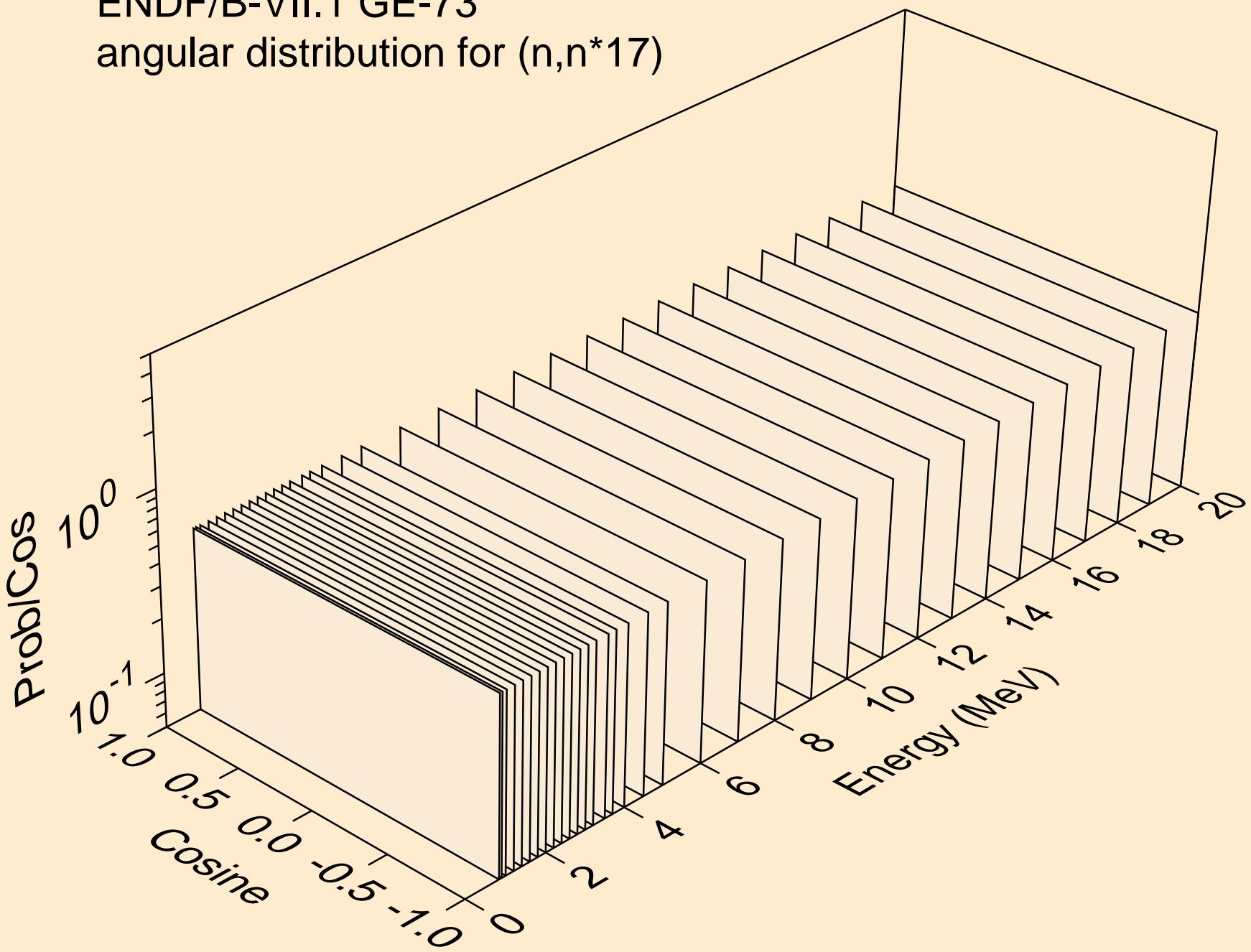
ENDF/B-VII.1 GE-73  
angular distribution for  $(n,n^*15)$



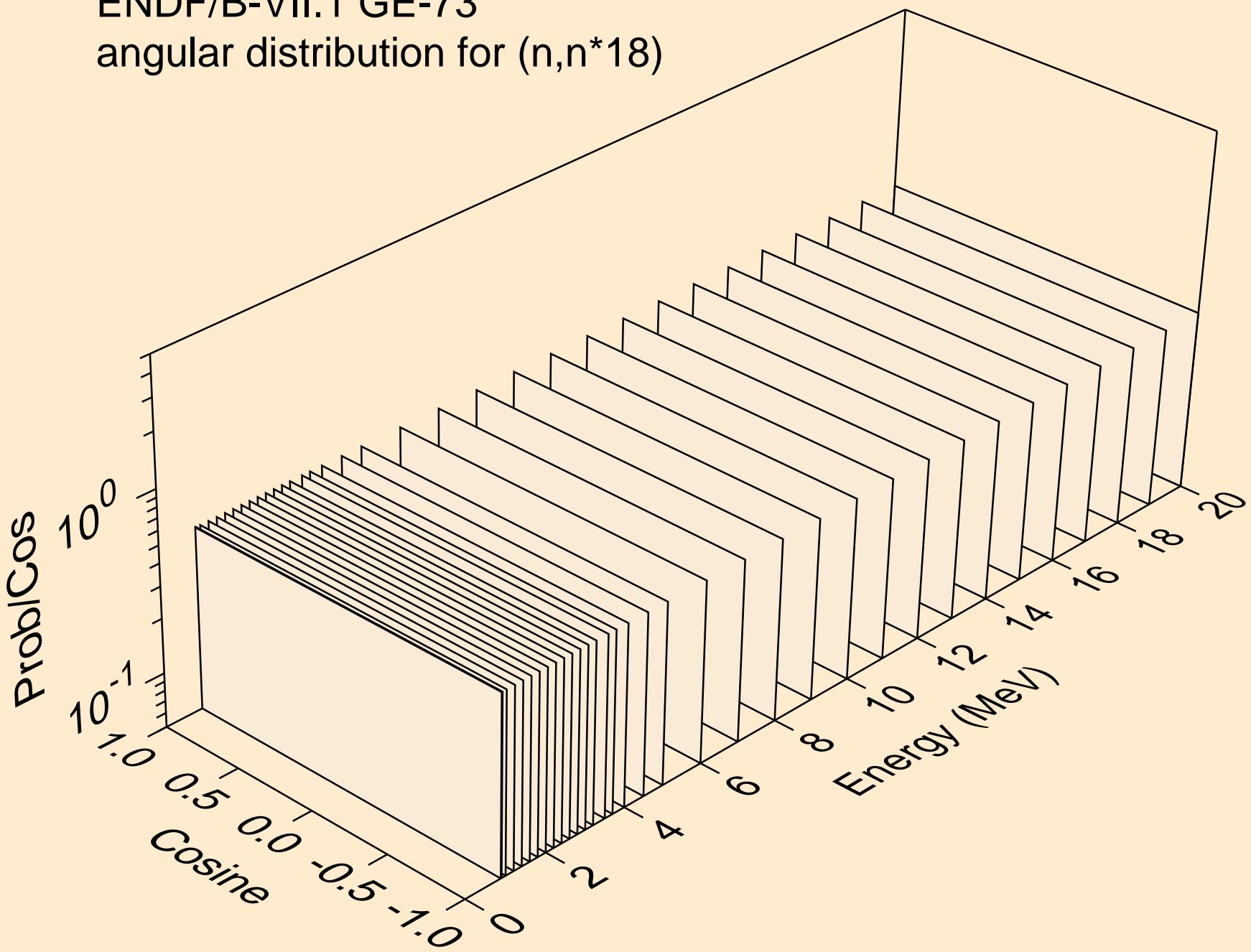
ENDF/B-VII.1 GE-73  
angular distribution for (n,n\*16)



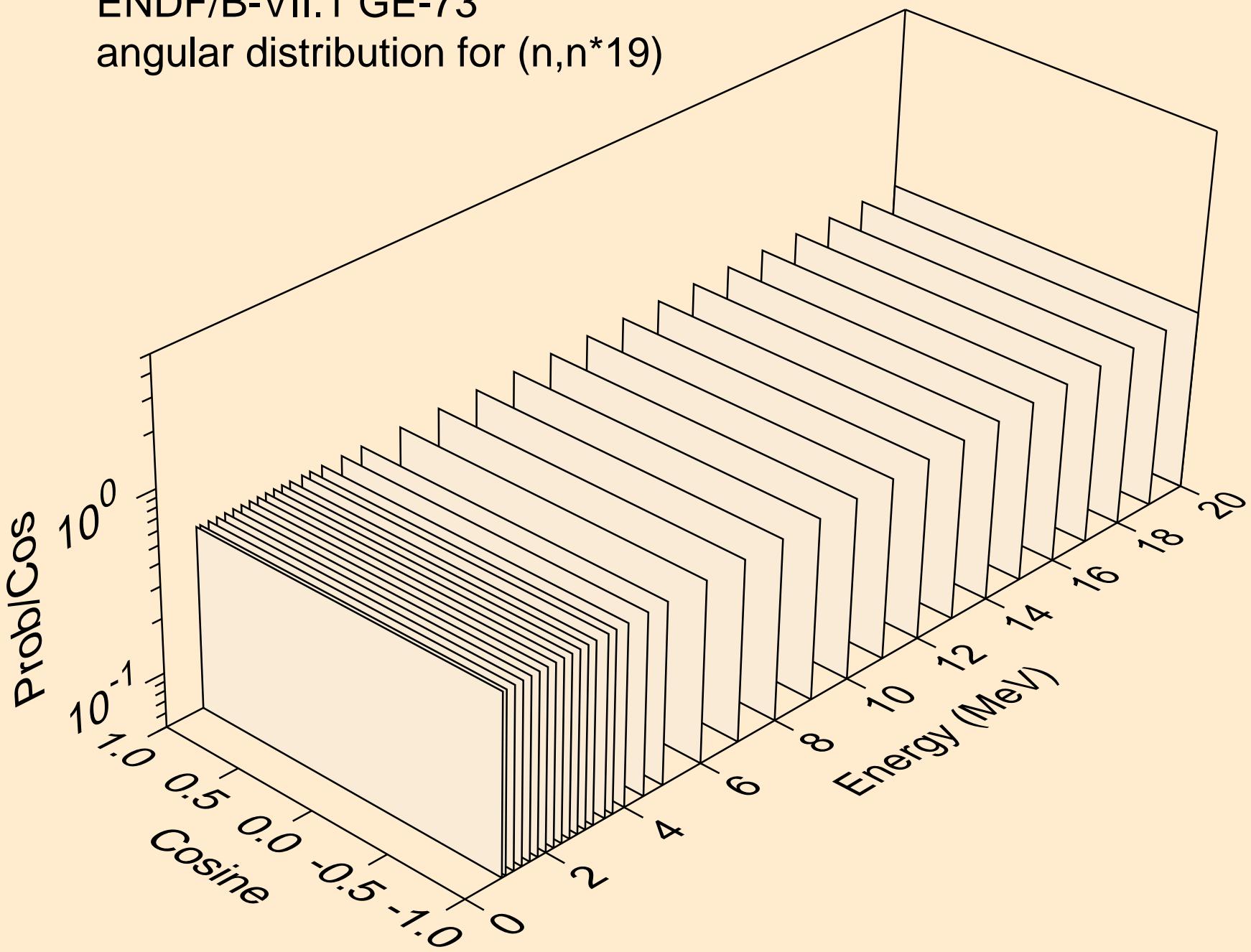
ENDF/B-VII.1 GE-73  
angular distribution for (n,n\*17)



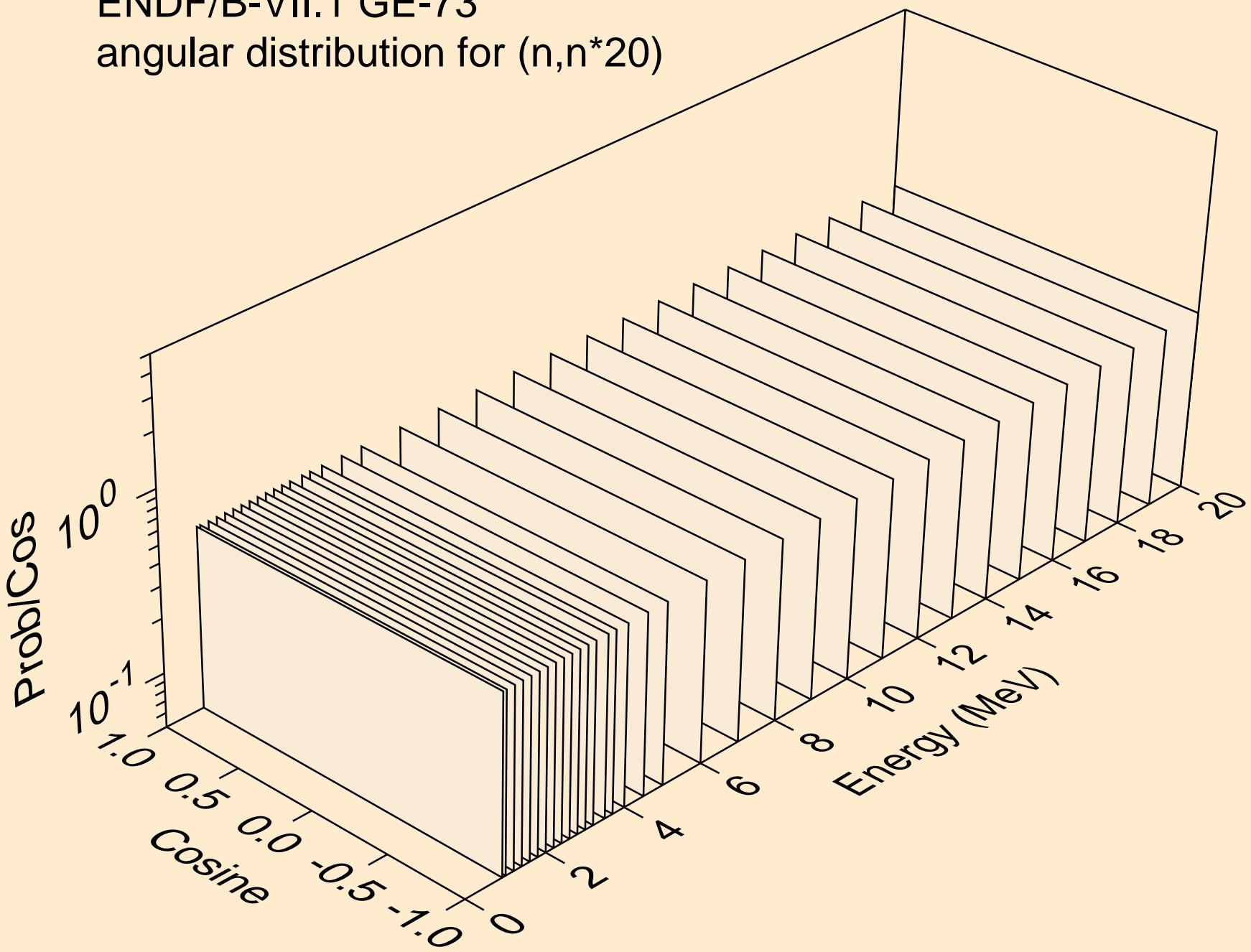
ENDF/B-VII.1 GE-73  
angular distribution for (n,n\*18)



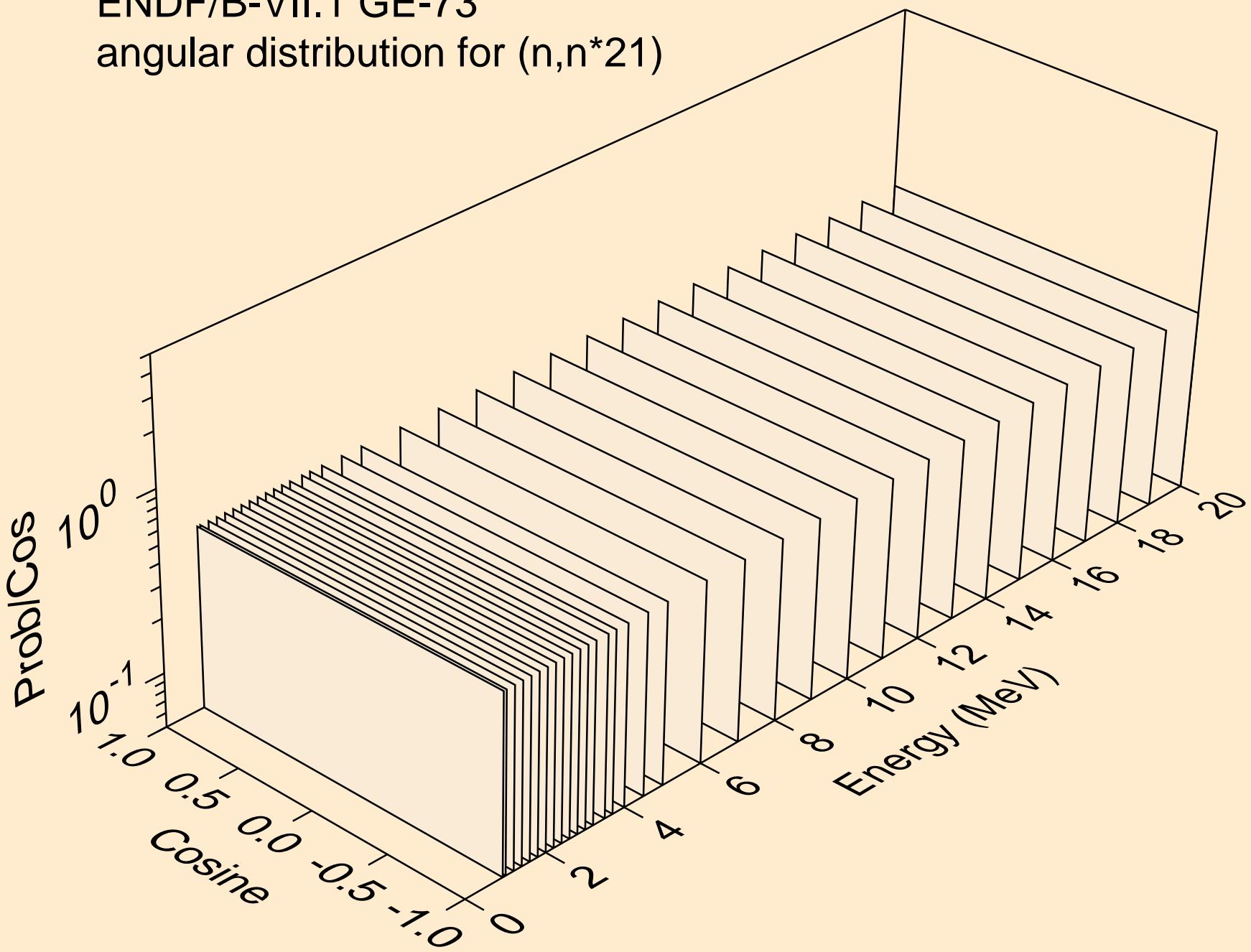
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angular distribution for (n,n\*19)



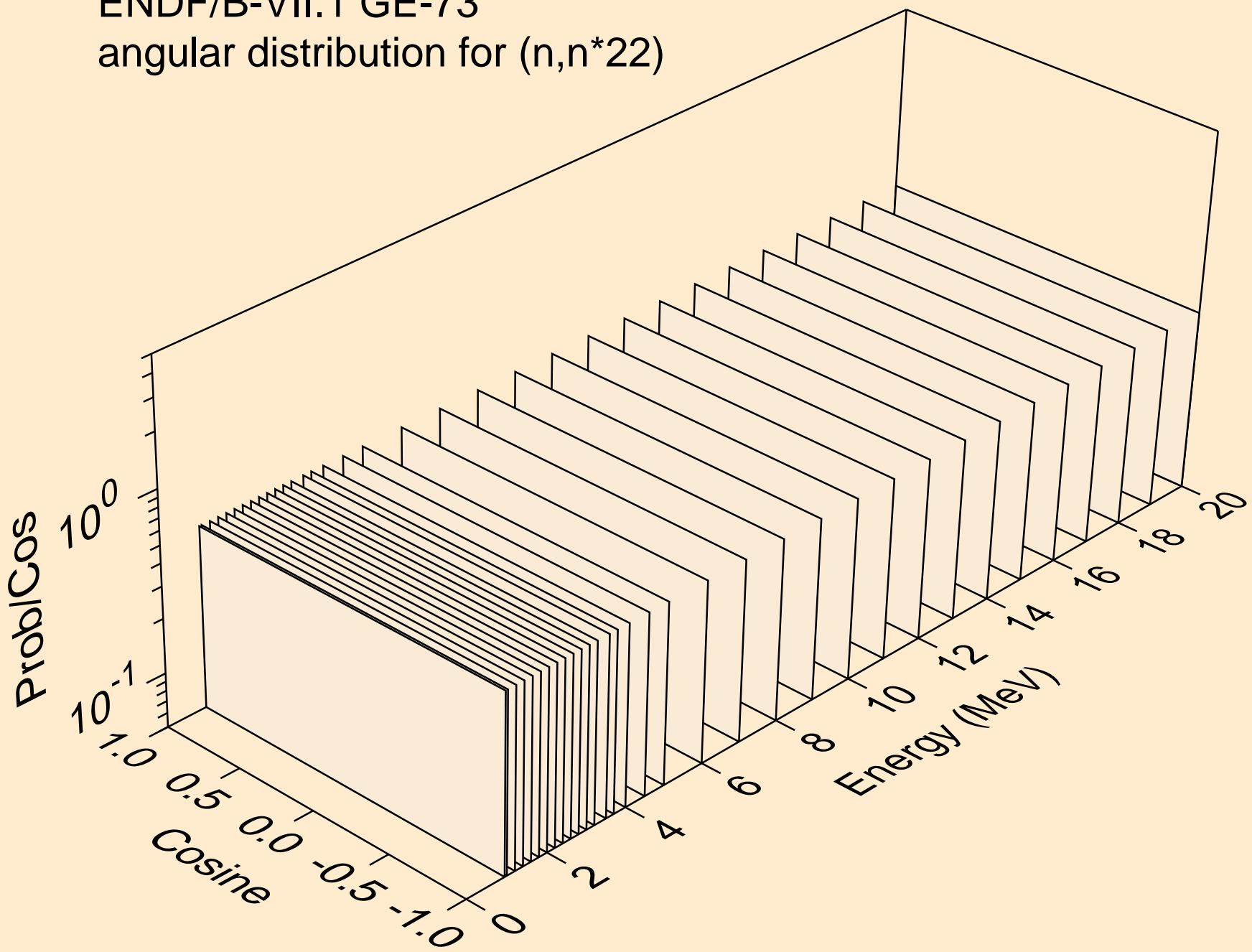
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angular distribution for ( $n, n^* 20$ )



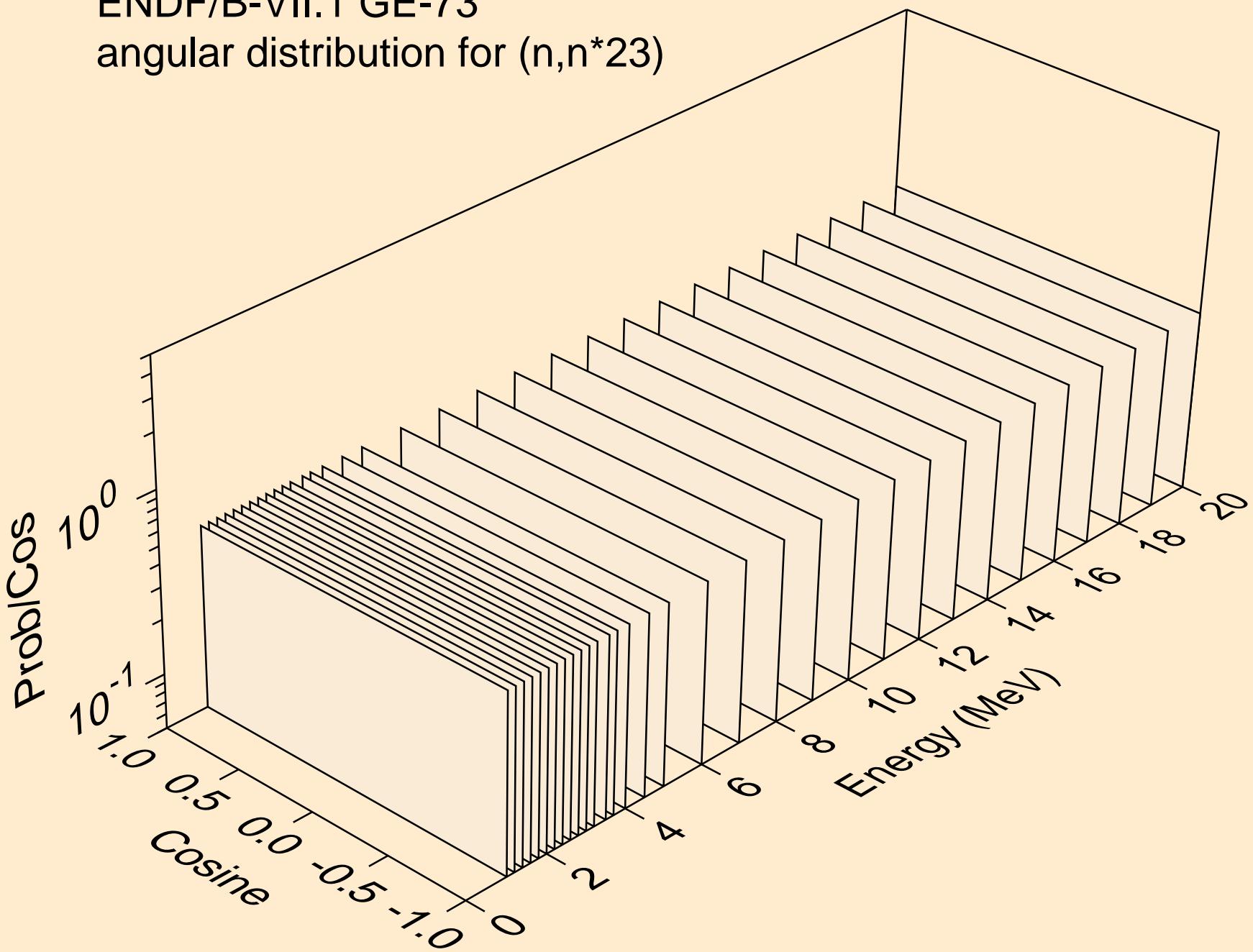
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angular distribution for ( $n, n^* 21$ )



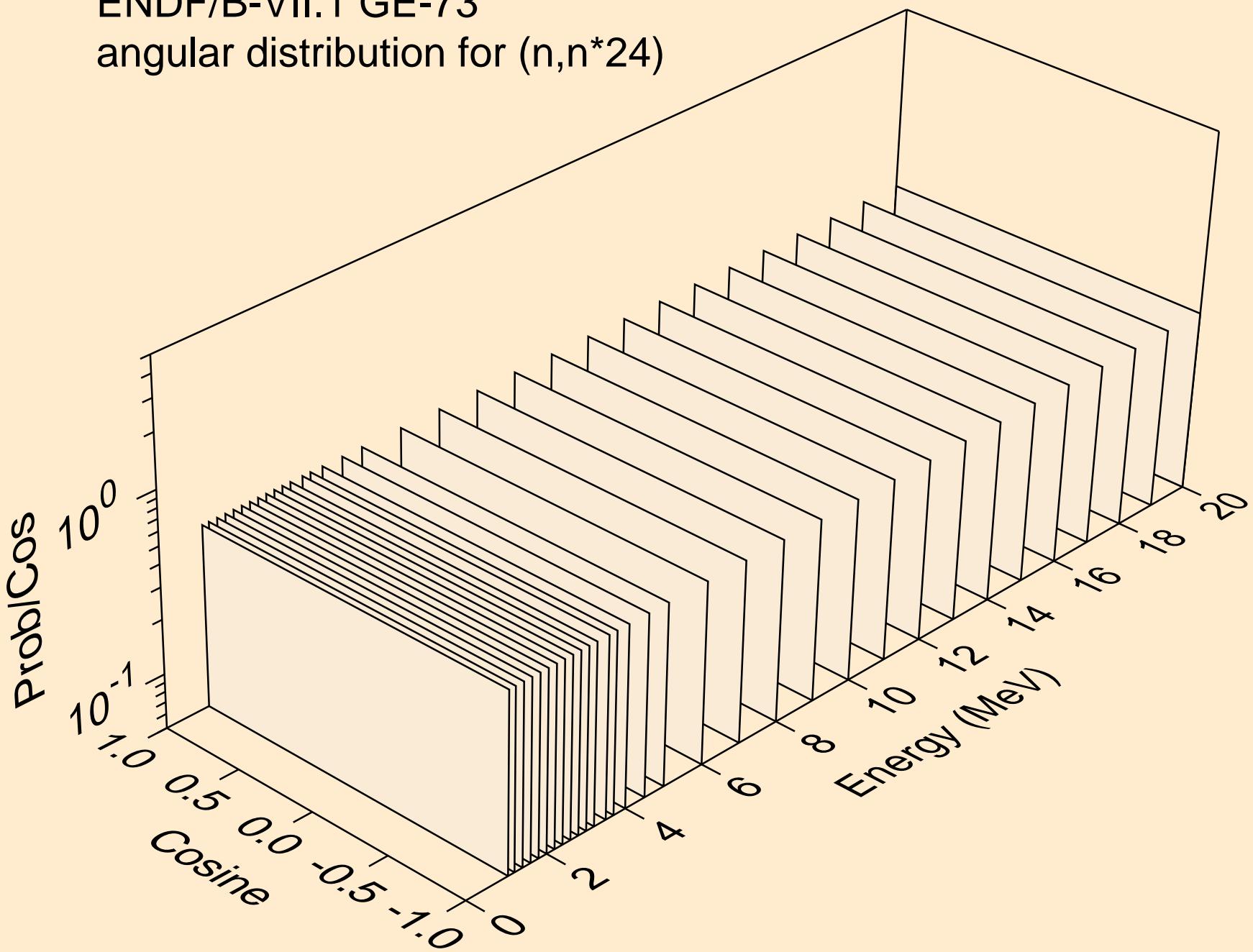
ENDF/B-VII.1 GE-73  
angular distribution for ( $n, n^* 22$ )



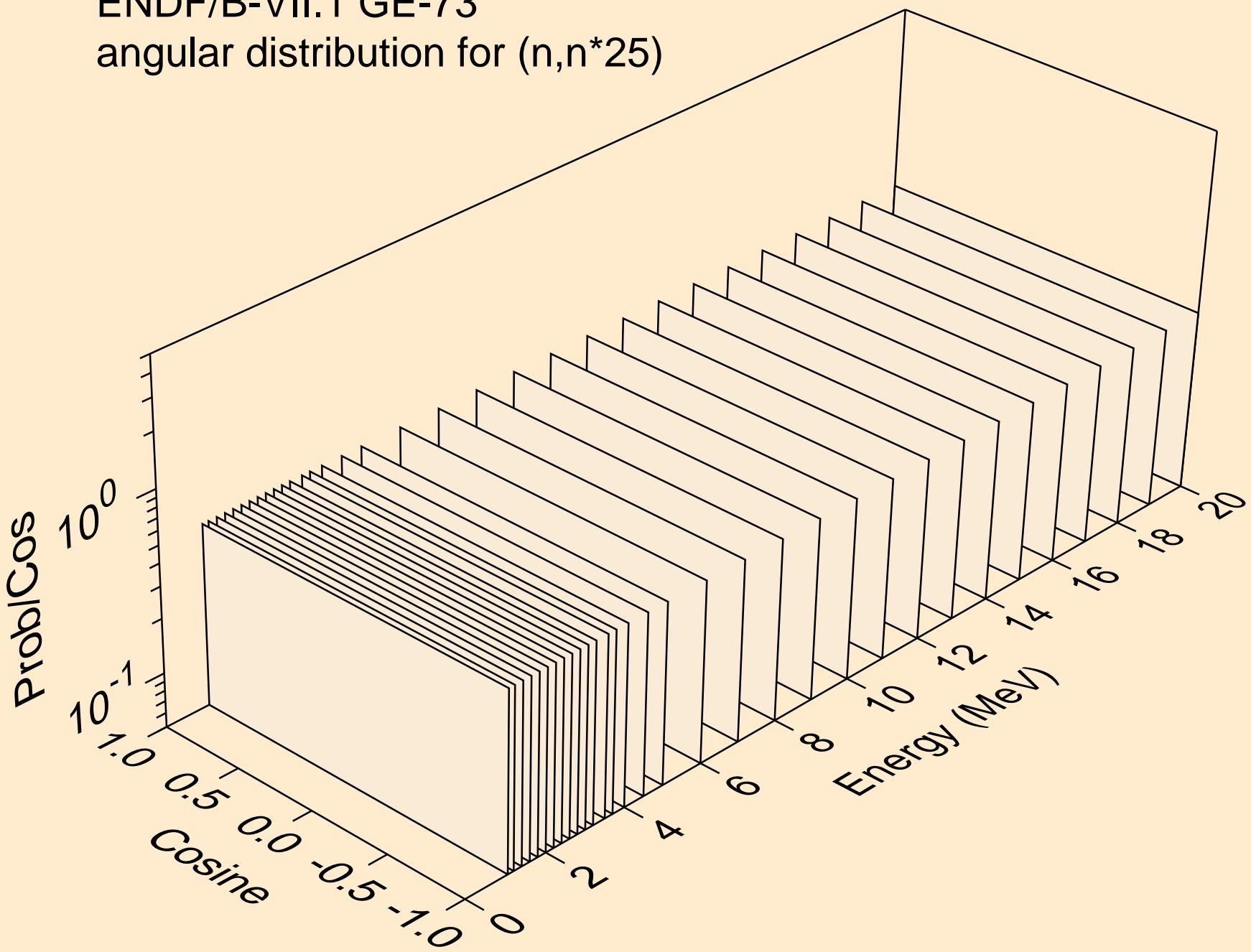
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angular distribution for ( $n, n^* 23$ )



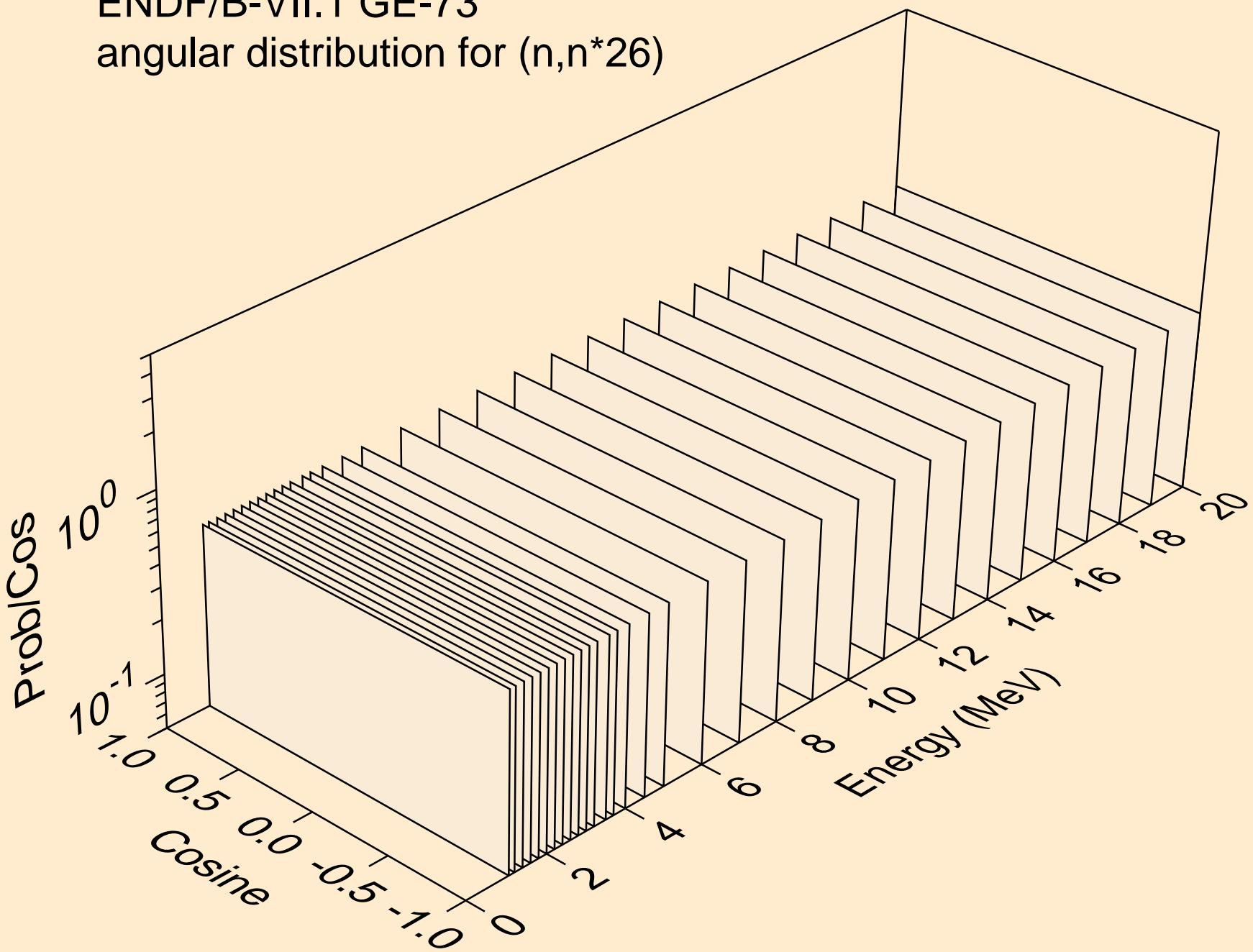
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angular distribution for ( $n, n^* 24$ )



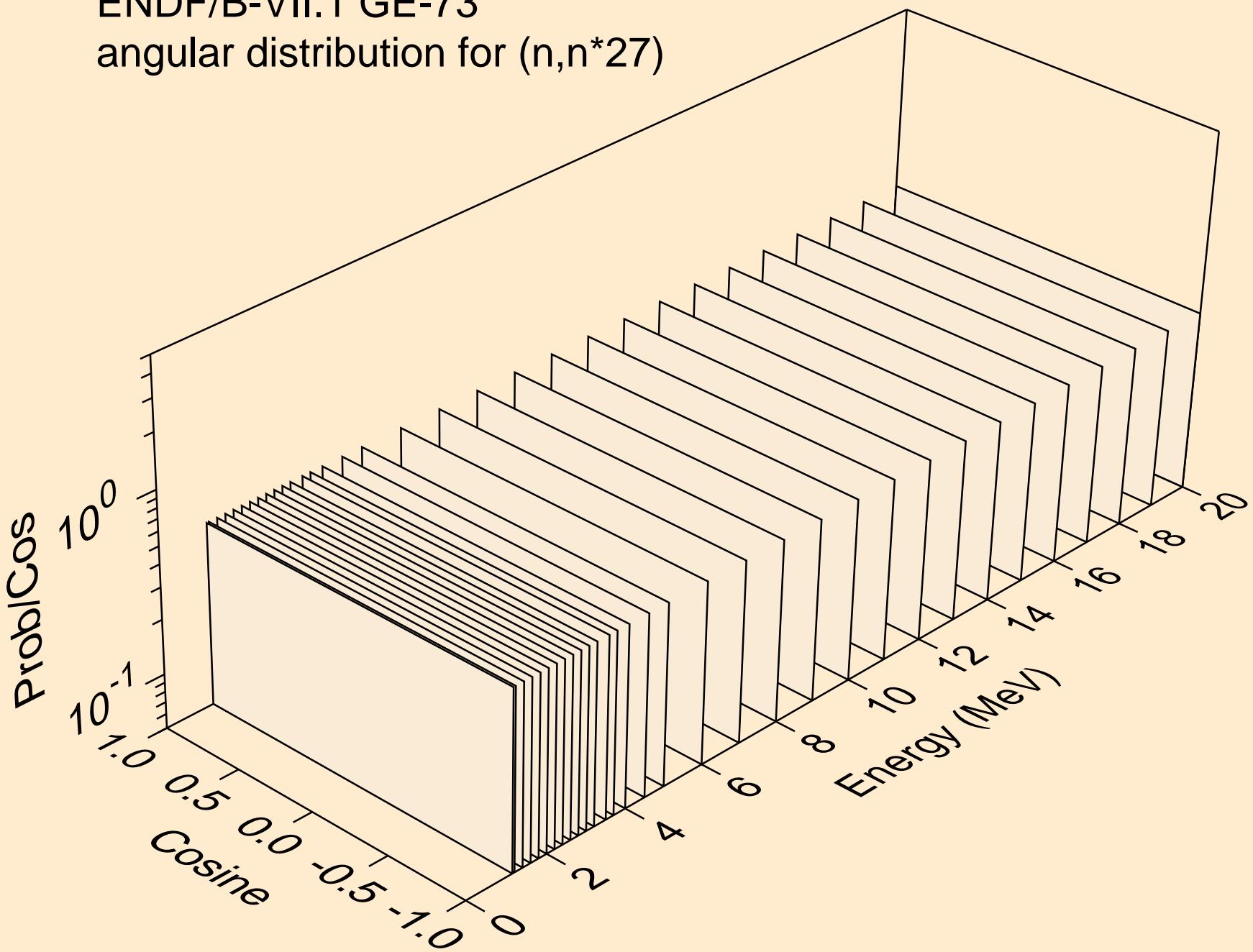
ENDF/B-VII.1 GE-73  
angular distribution for (n,n\*25)



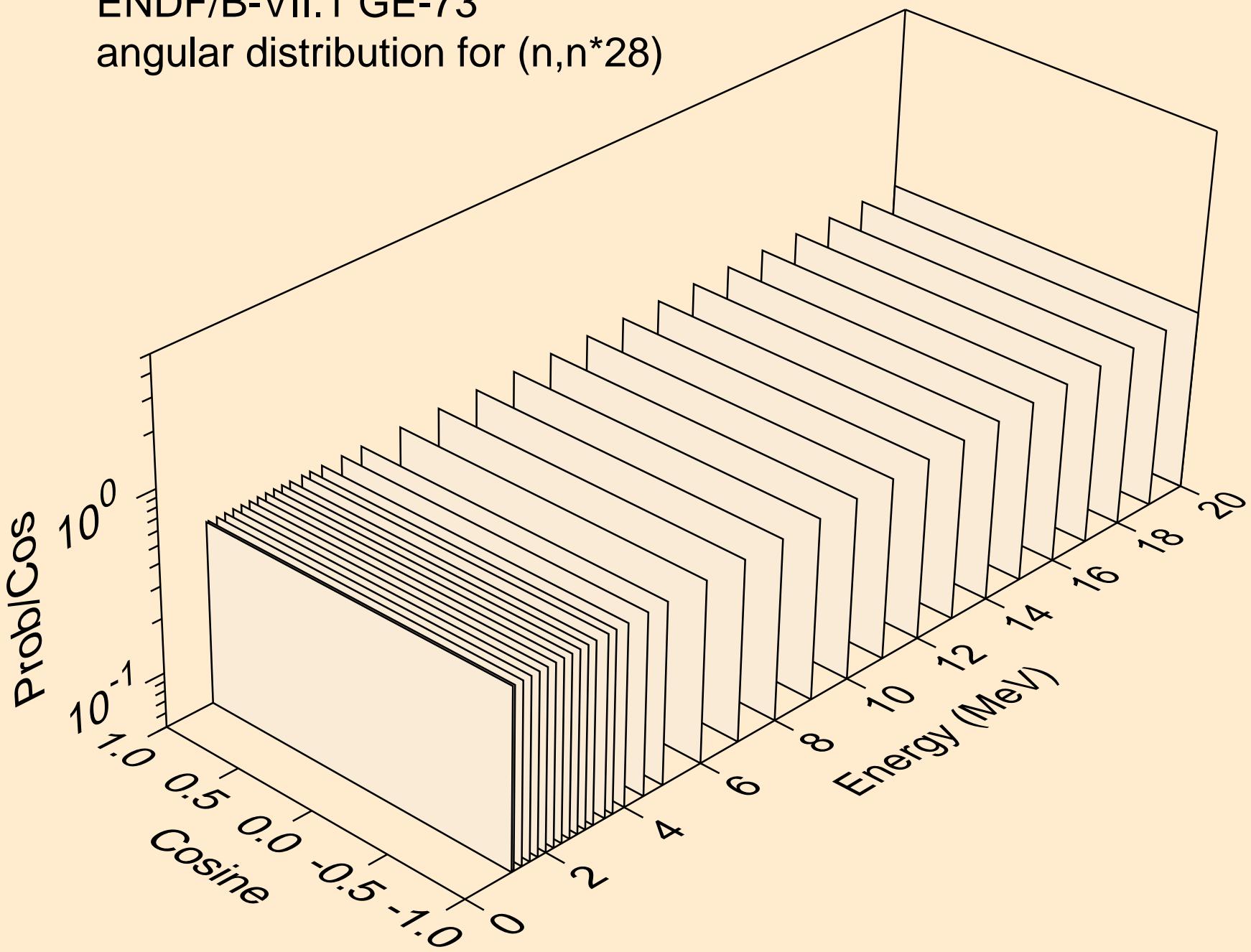
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angular distribution for ( $n, n^* 26$ )



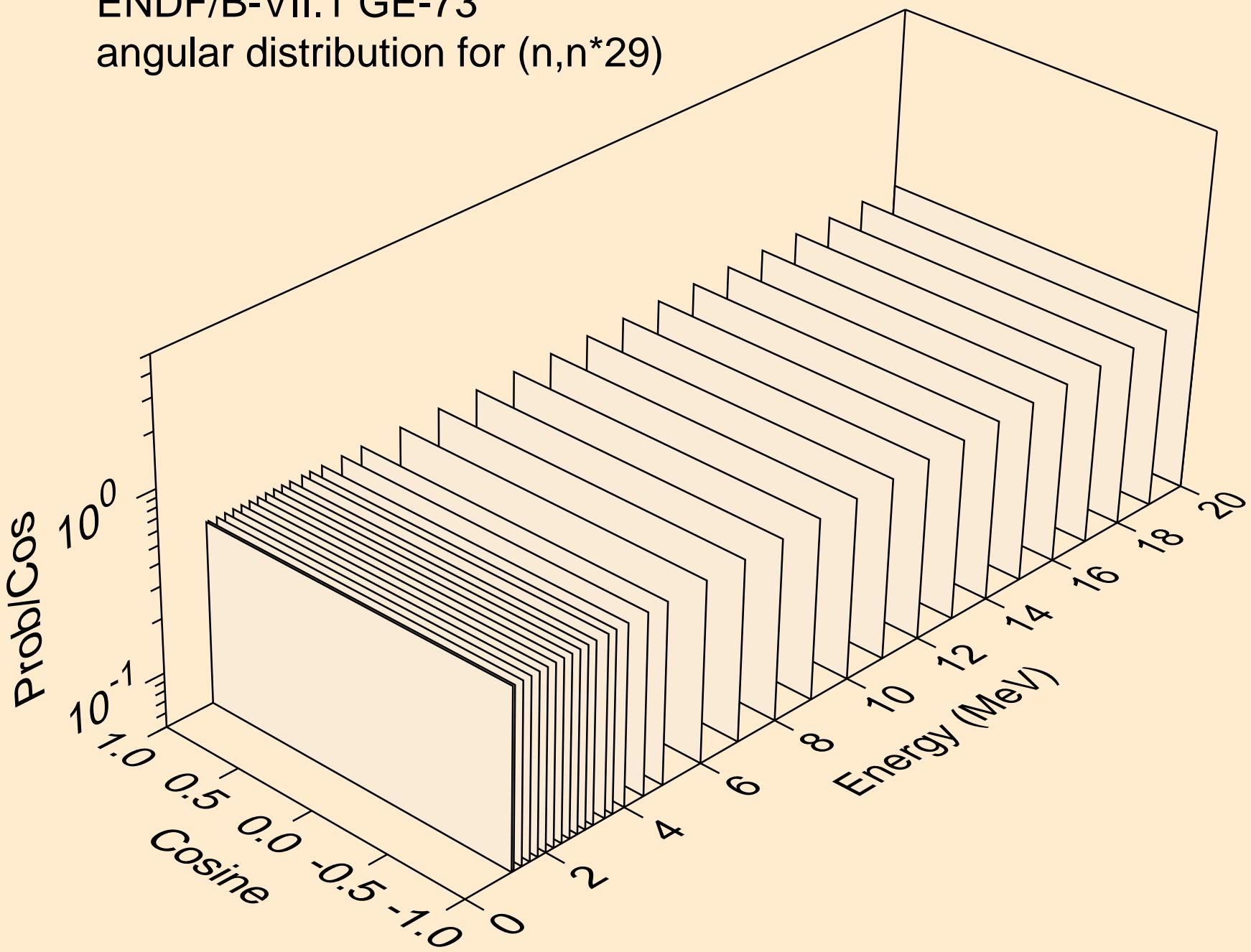
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angular distribution for ( $n, n^* 27$ )



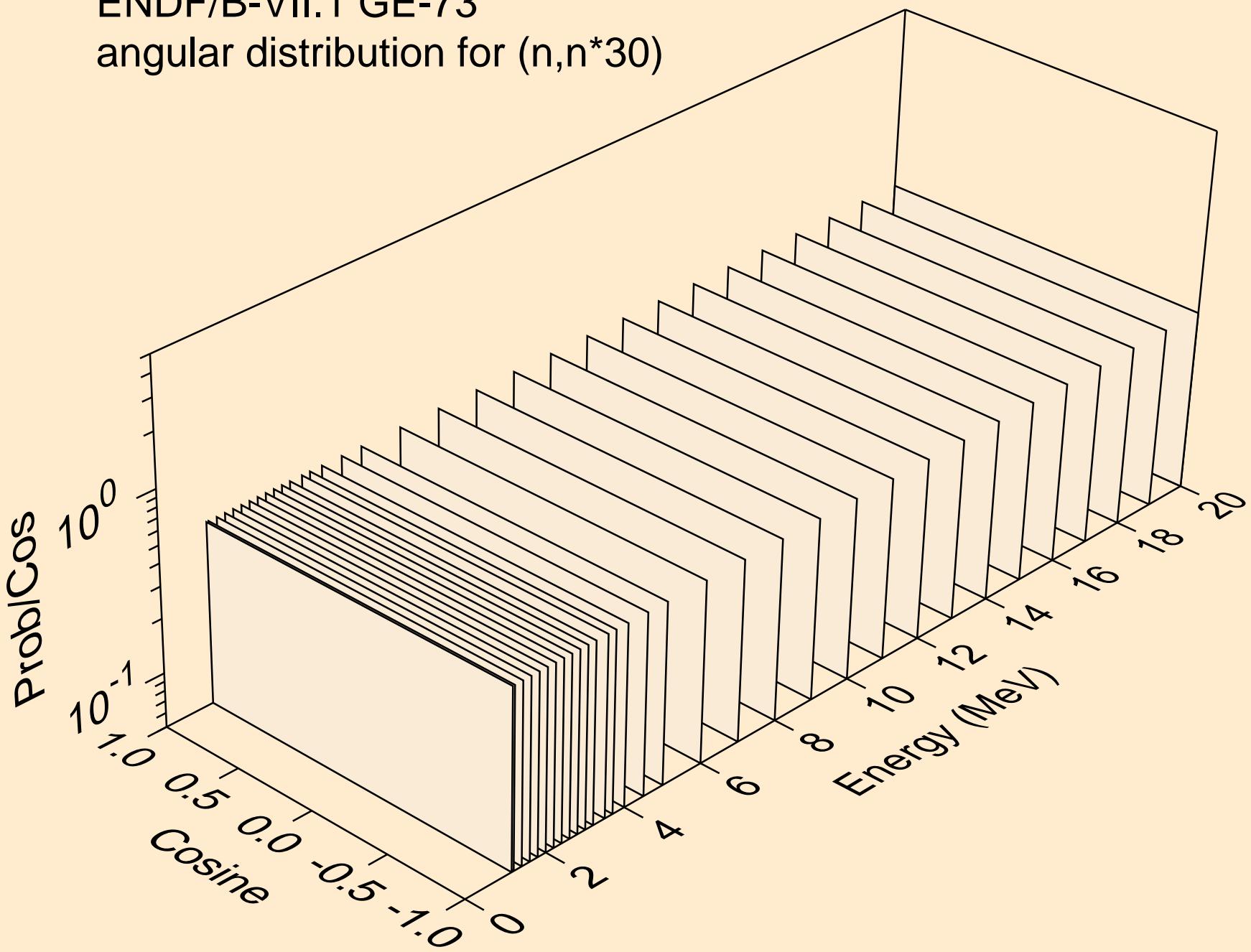
ENDF/B-VII.1 GE-73  
angular distribution for ( $n, n^* 28$ )



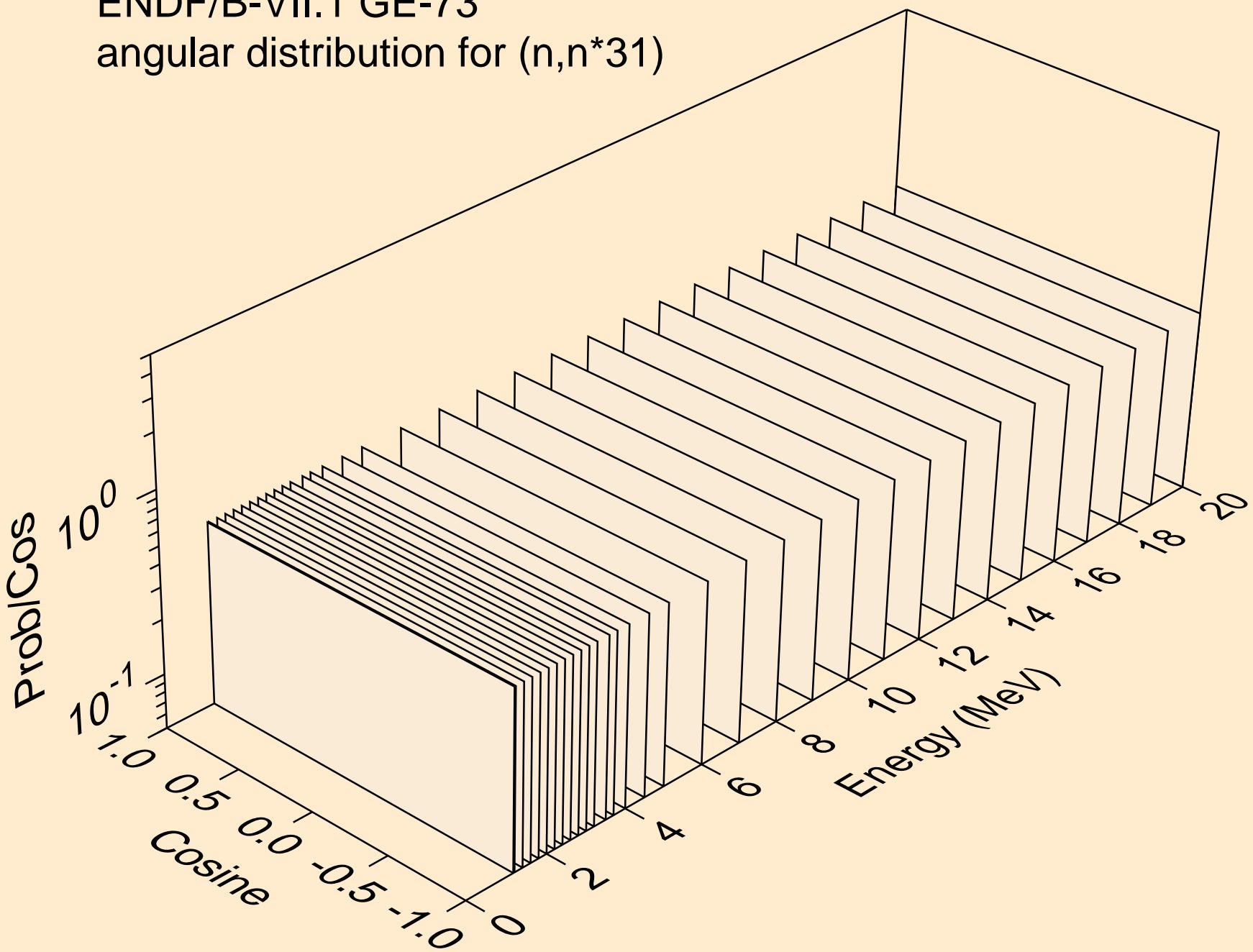
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angular distribution for ( $n, n^* 29$ )



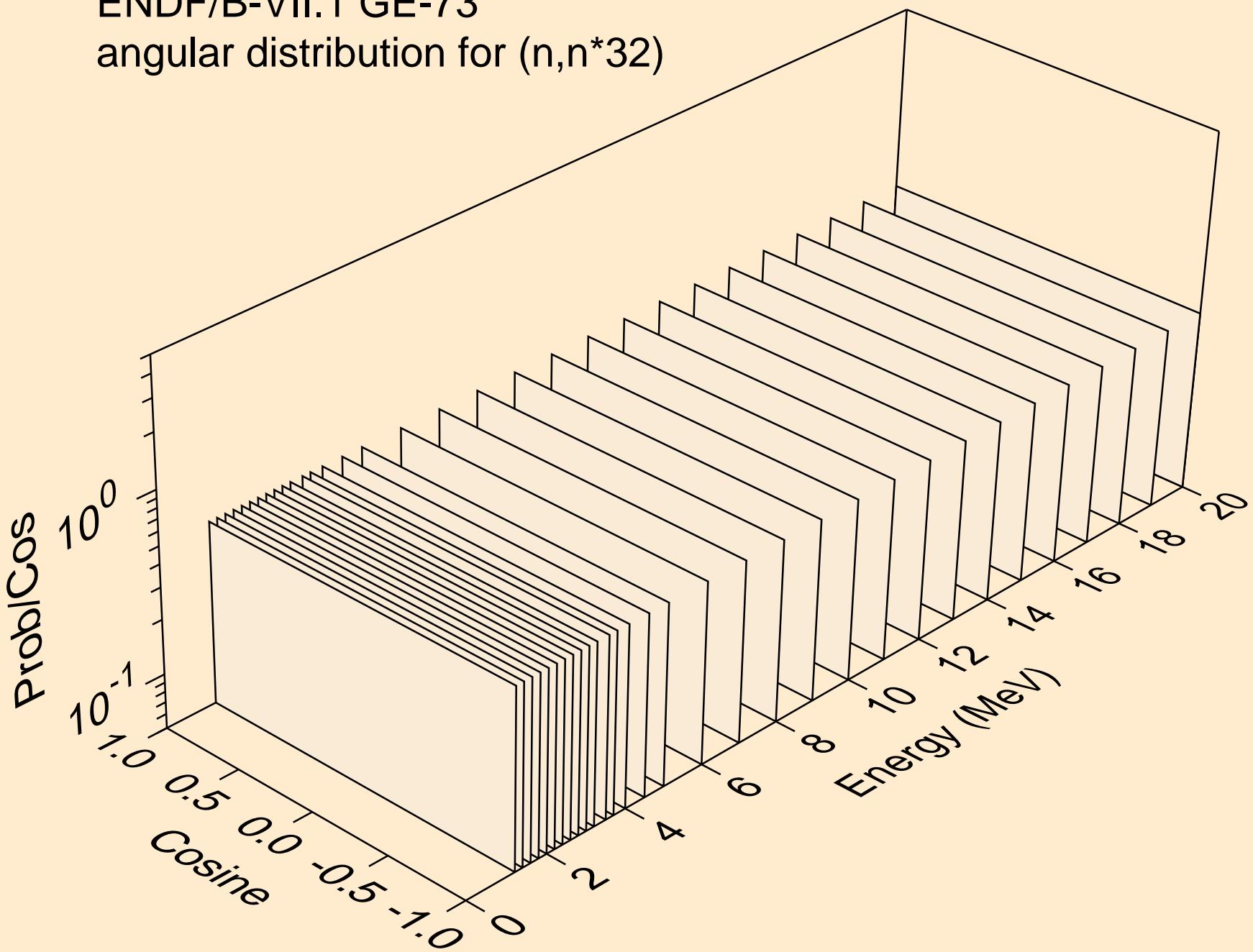
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angular distribution for (n,n\*30)



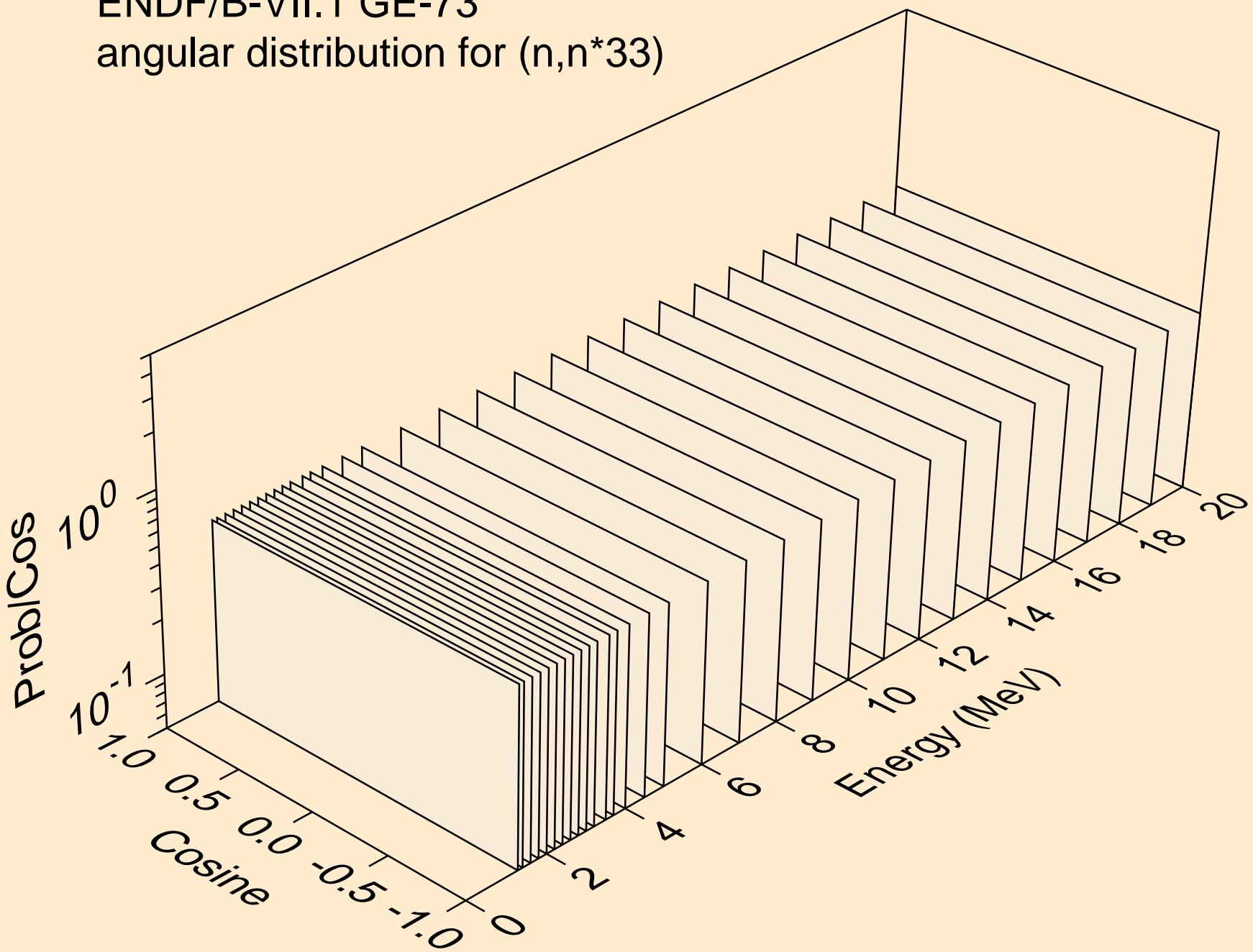
ENDF/B-VII.1 GE-73  
angular distribution for ( $n,n^*$ 31)



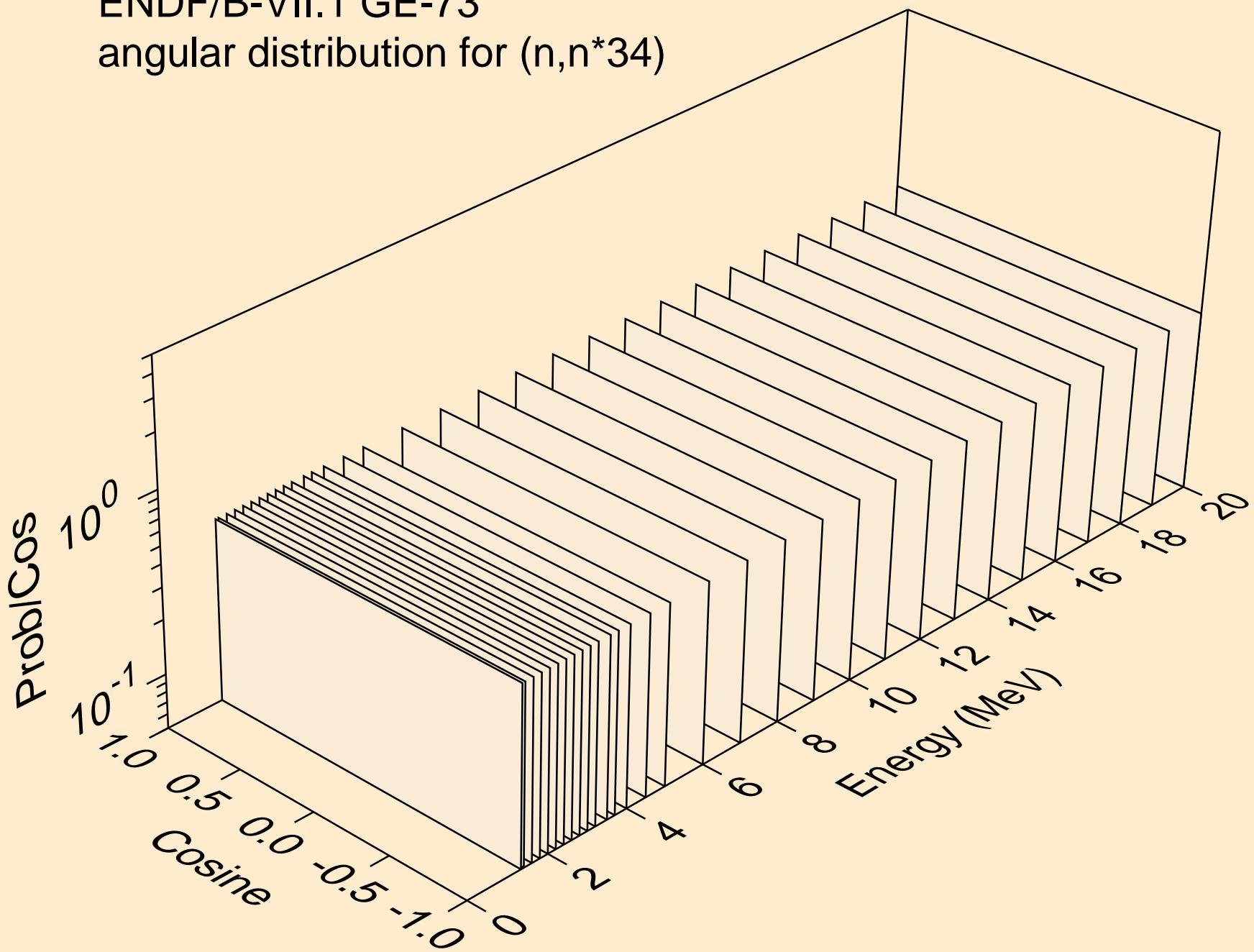
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angular distribution for ( $n, n^* 32$ )



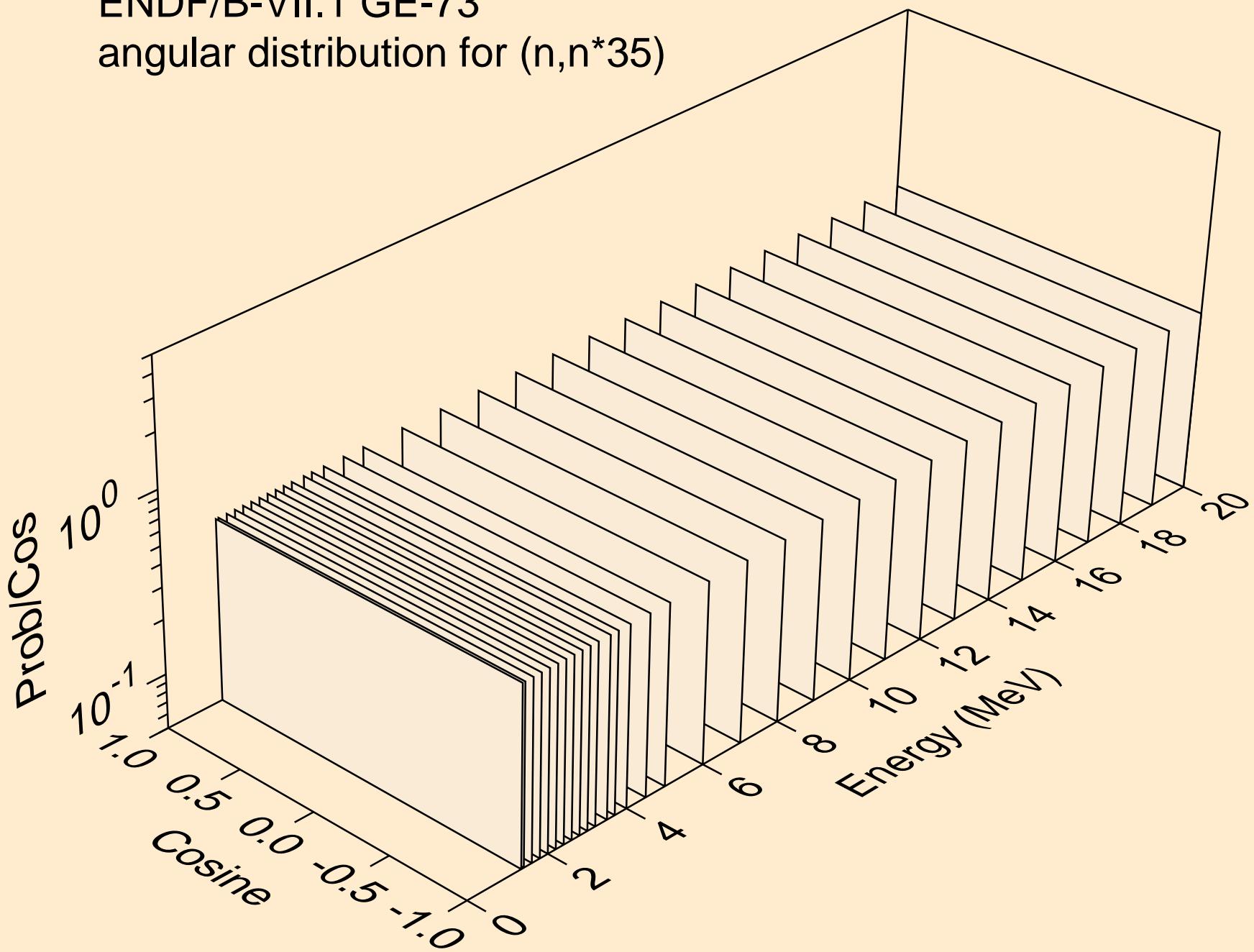
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angular distribution for ( $n, n^* 33$ )



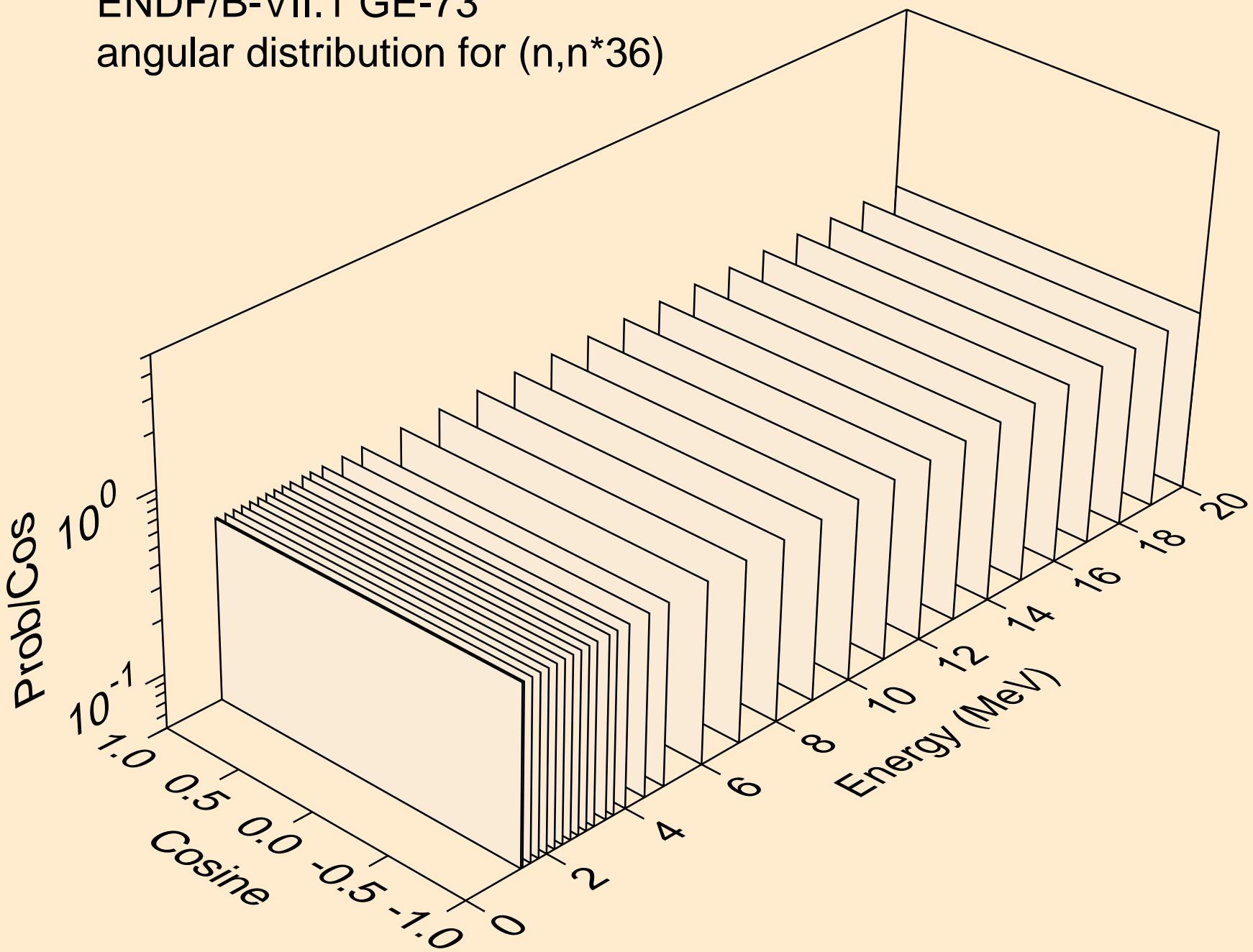
ENDF/B-VII.1 GE-73  
angular distribution for ( $n, n^*34$ )



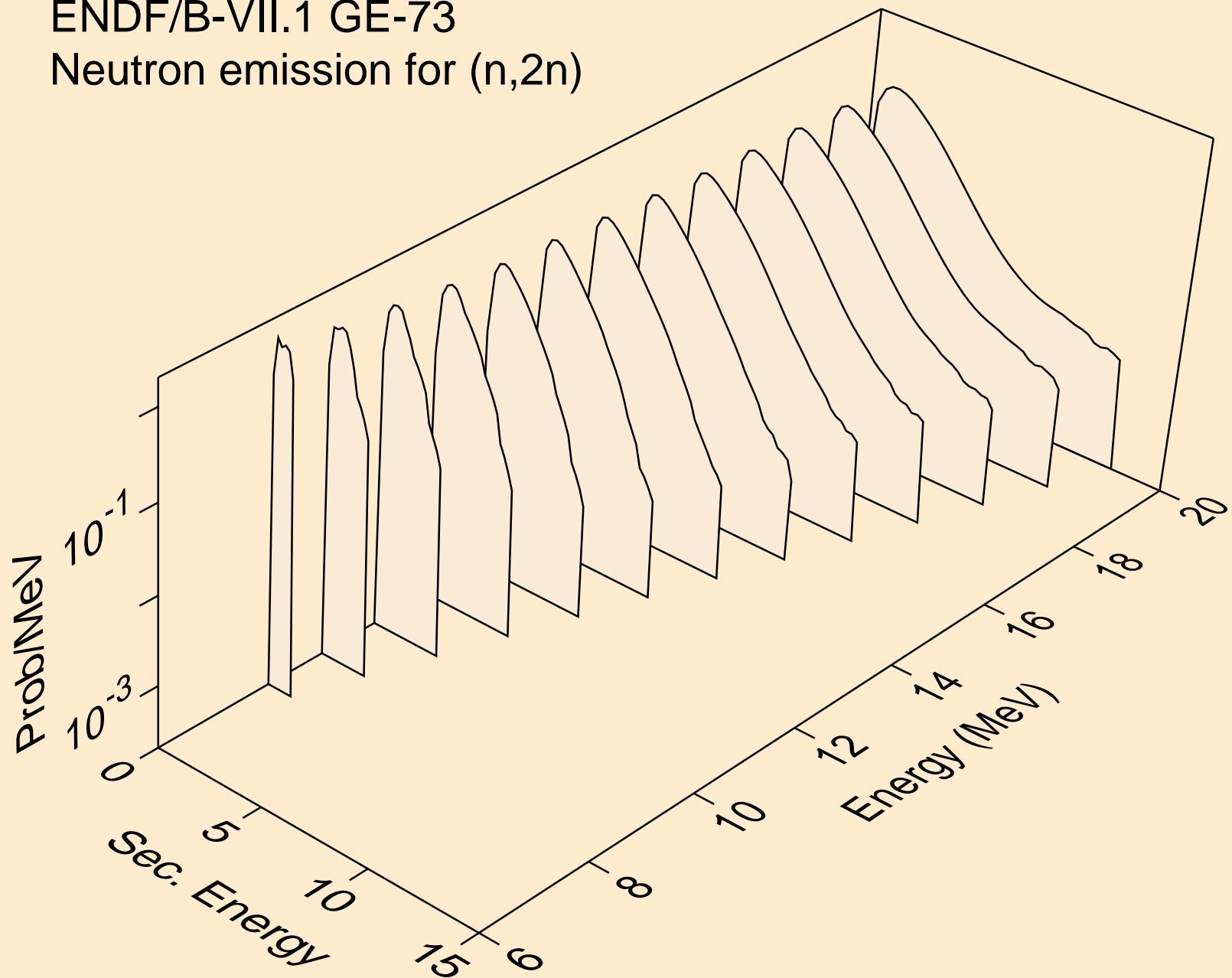
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angular distribution for ( $n, n^*35$ )



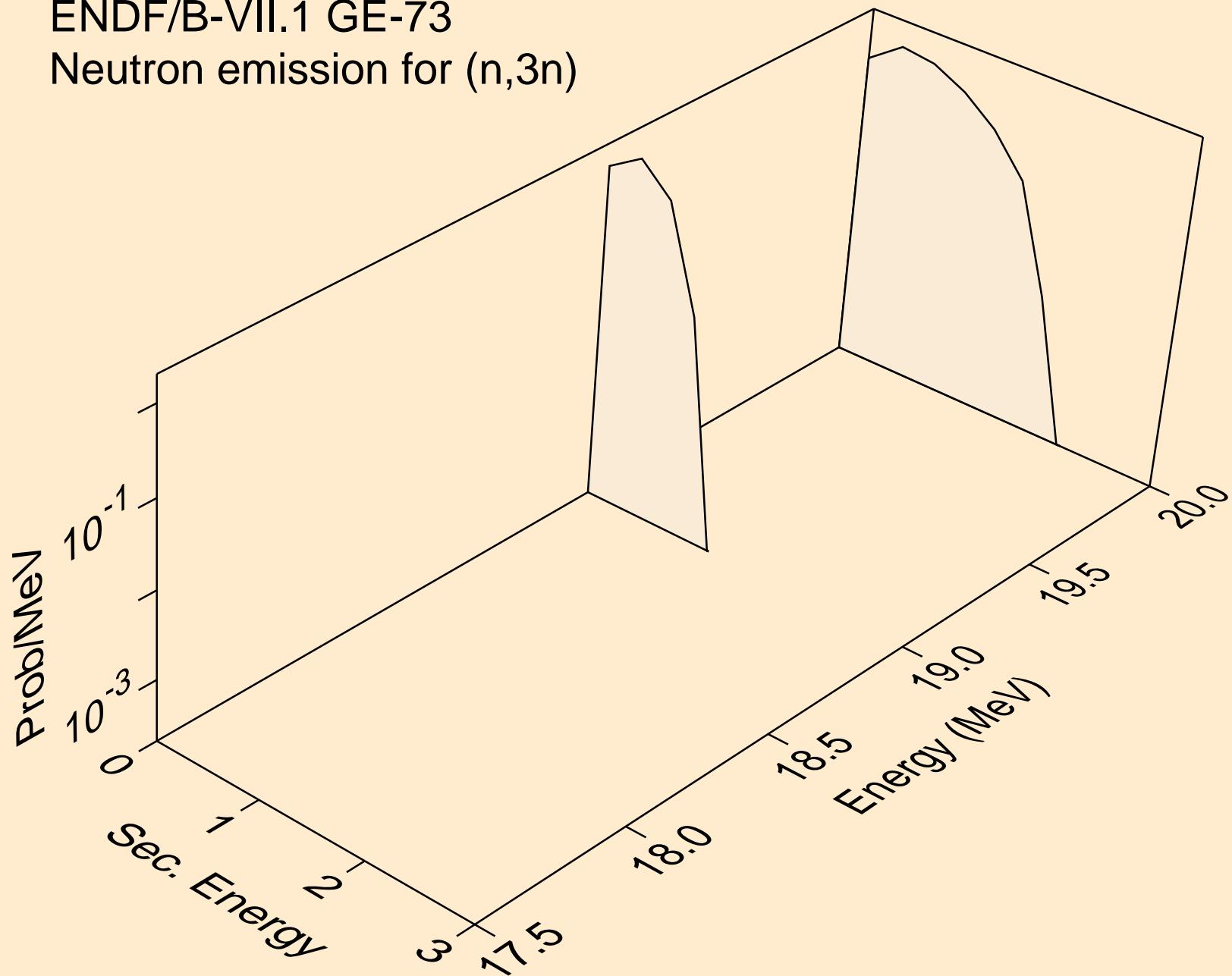
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angular distribution for ( $n, n^*36$ )



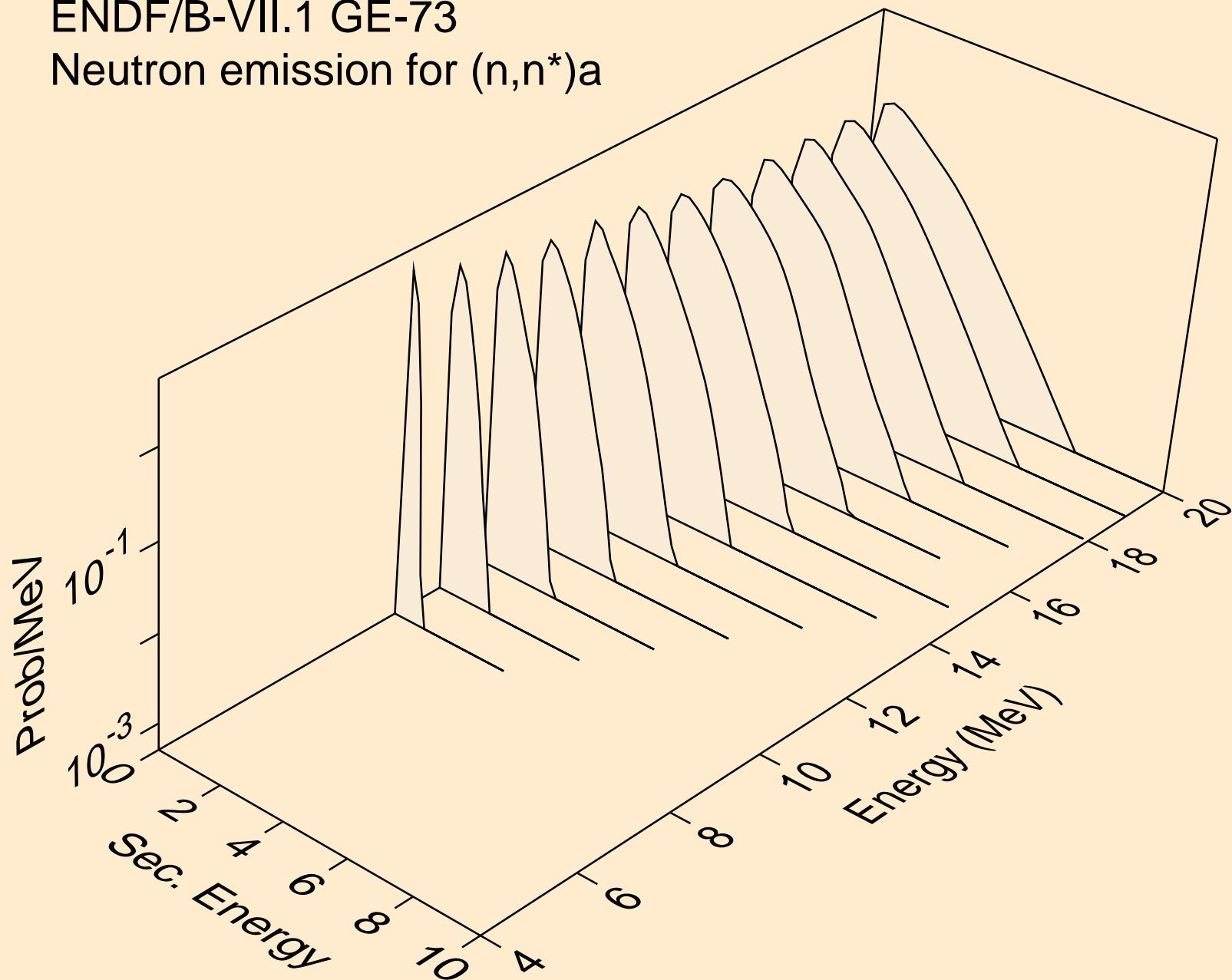
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Neutron emission for (n,2n)



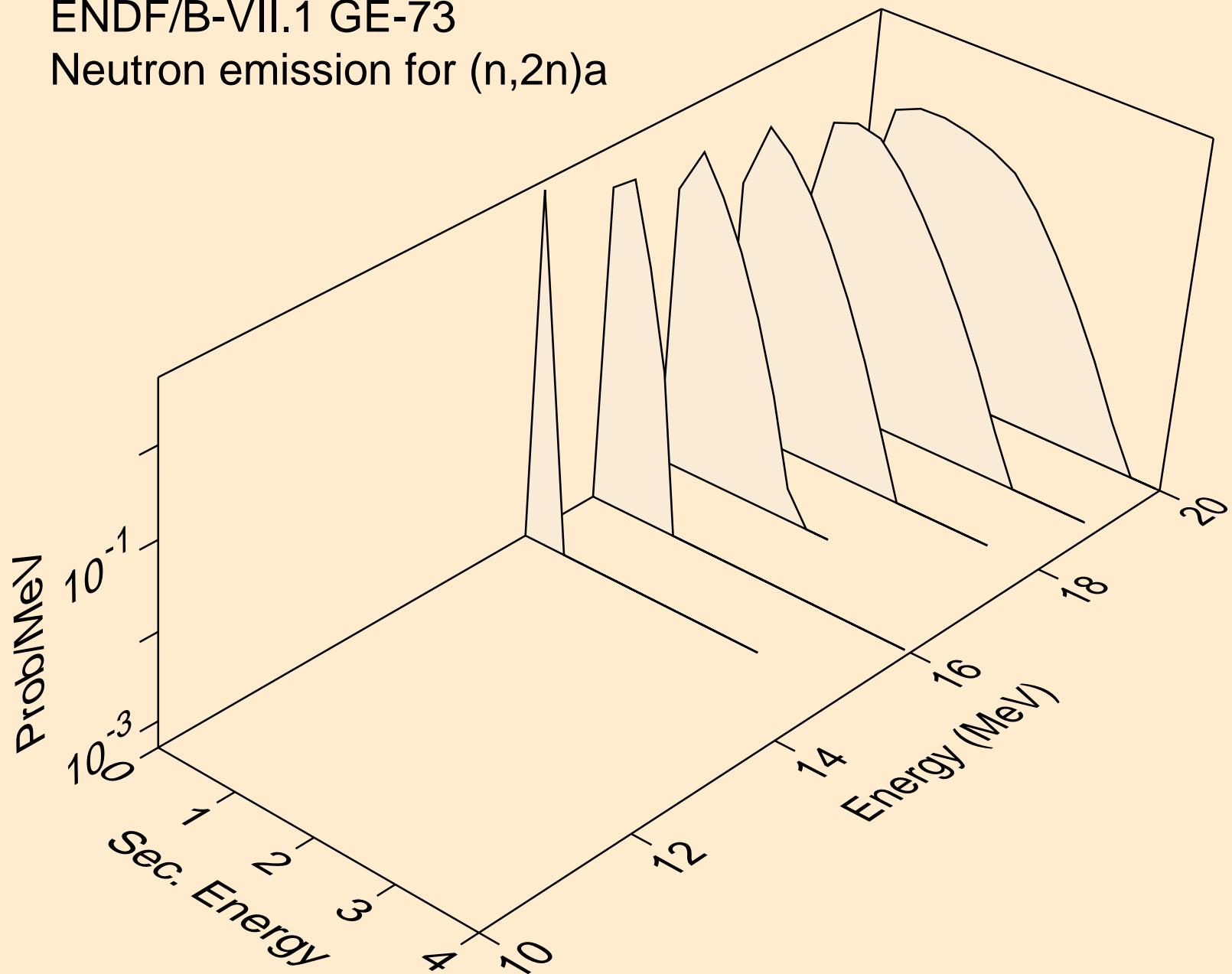
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Neutron emission for (n,3n)



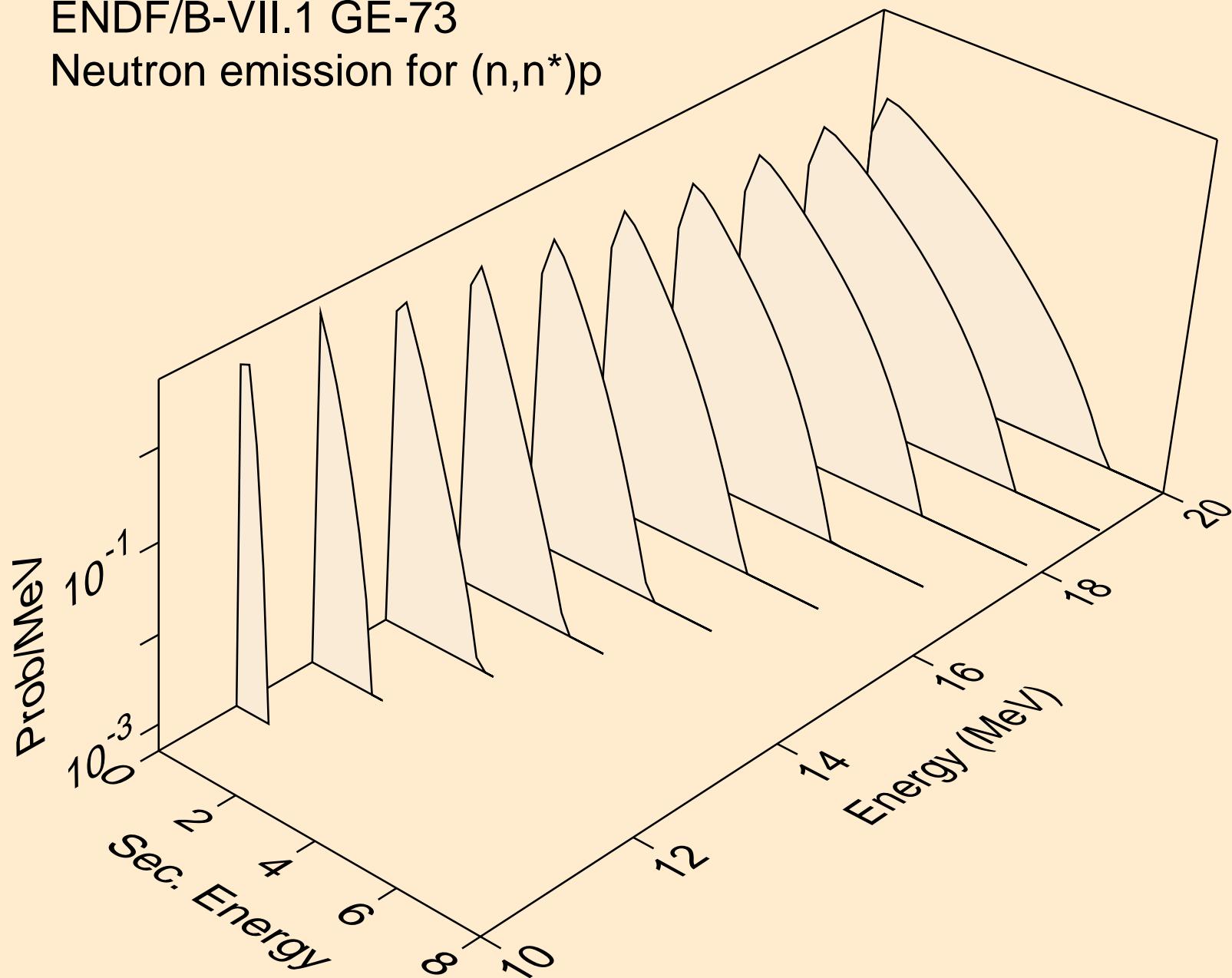
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Neutron emission for  $(n,n^*)a$



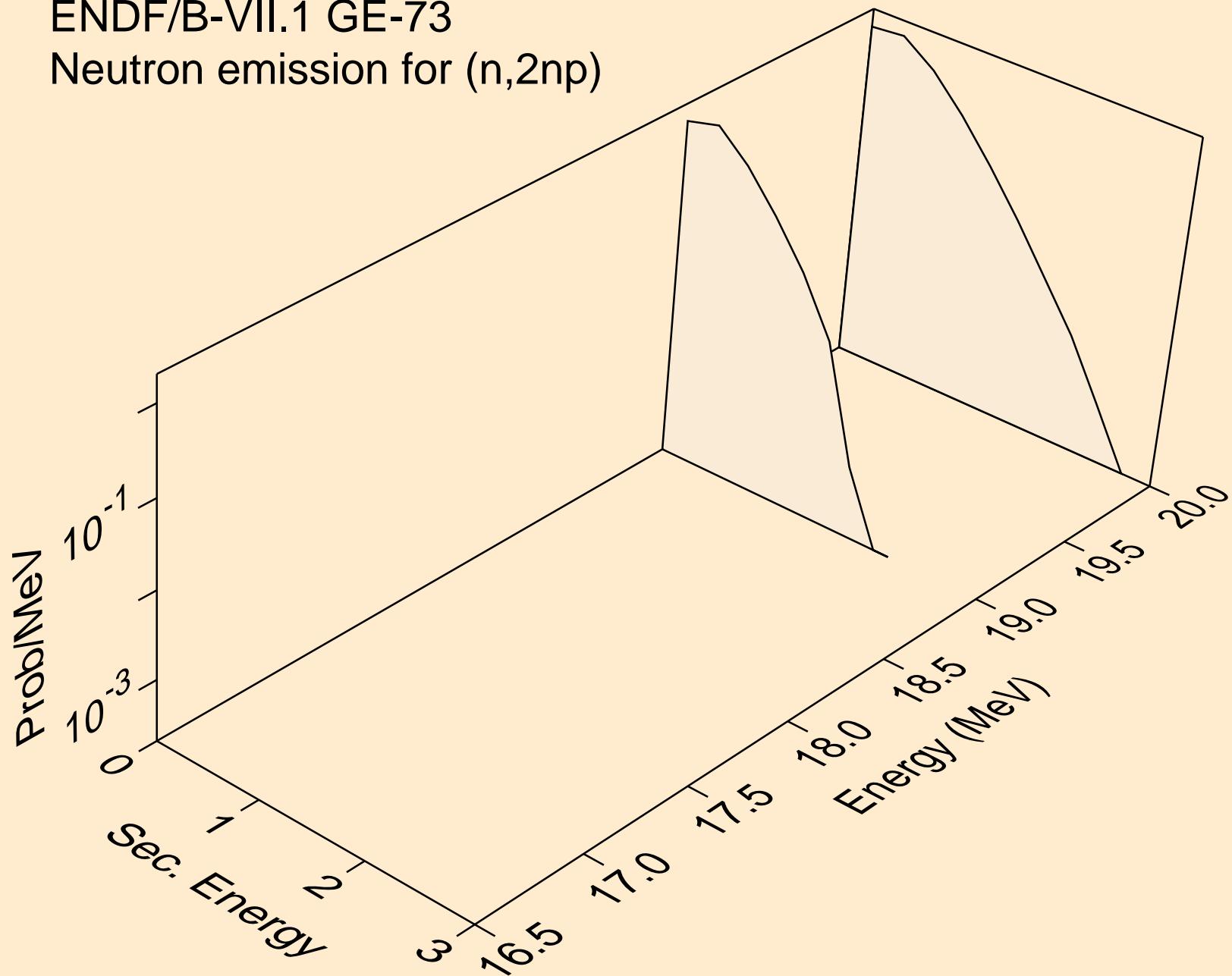
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Neutron emission for  $(n,2n)a$



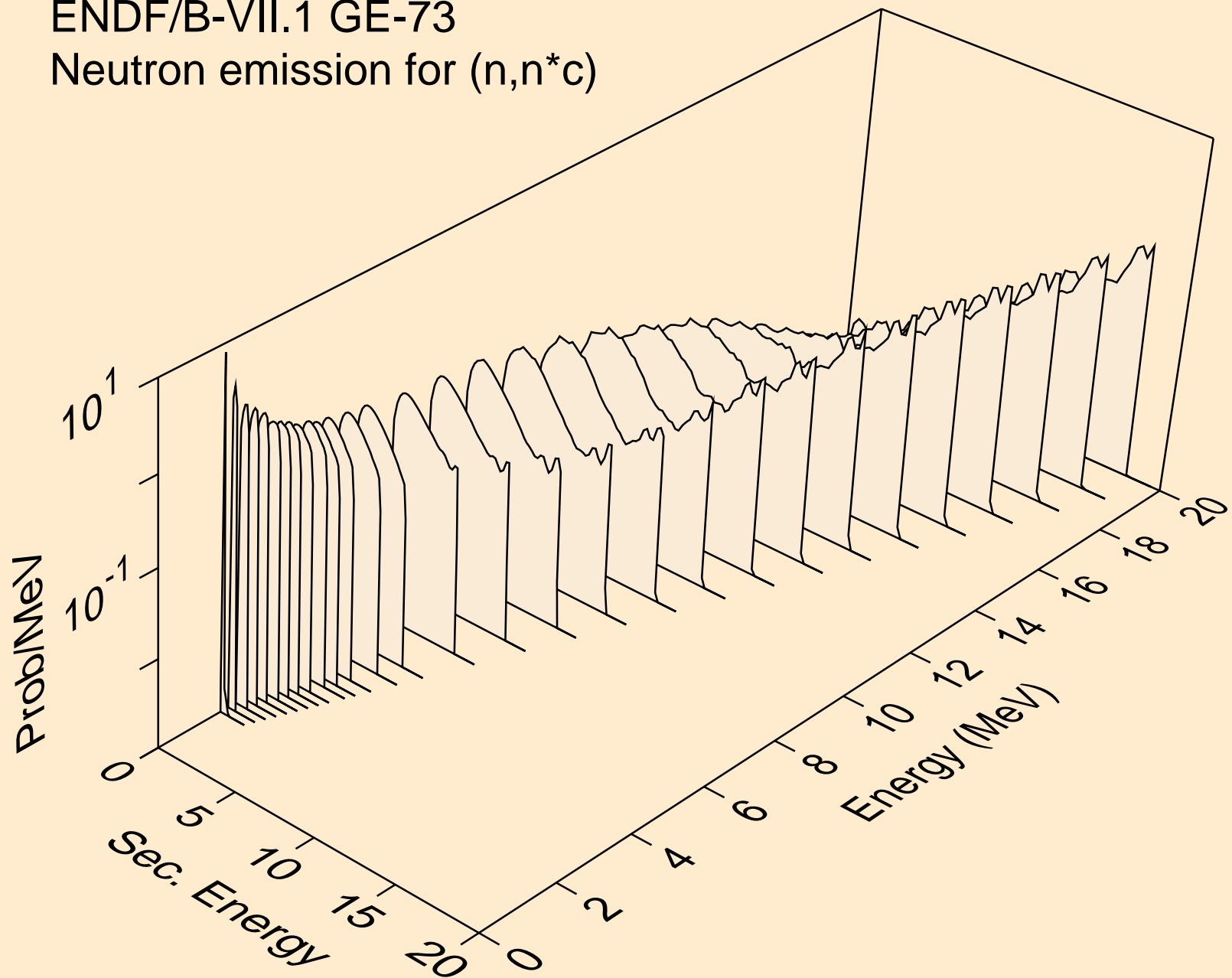
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Neutron emission for  $(n,n^*)p$



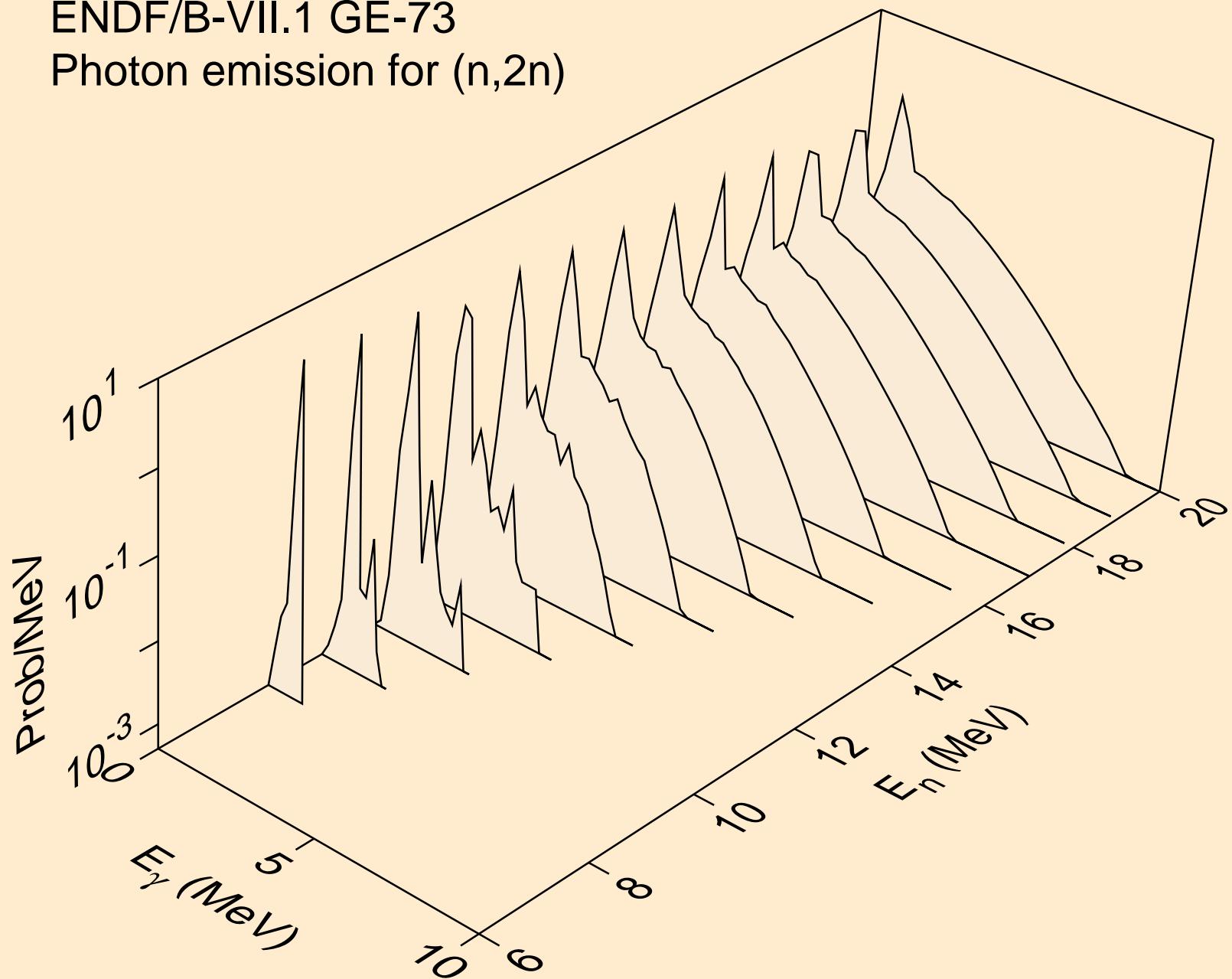
ENDF/B-VII.1 GE-73  
Neutron emission for (n,2np)



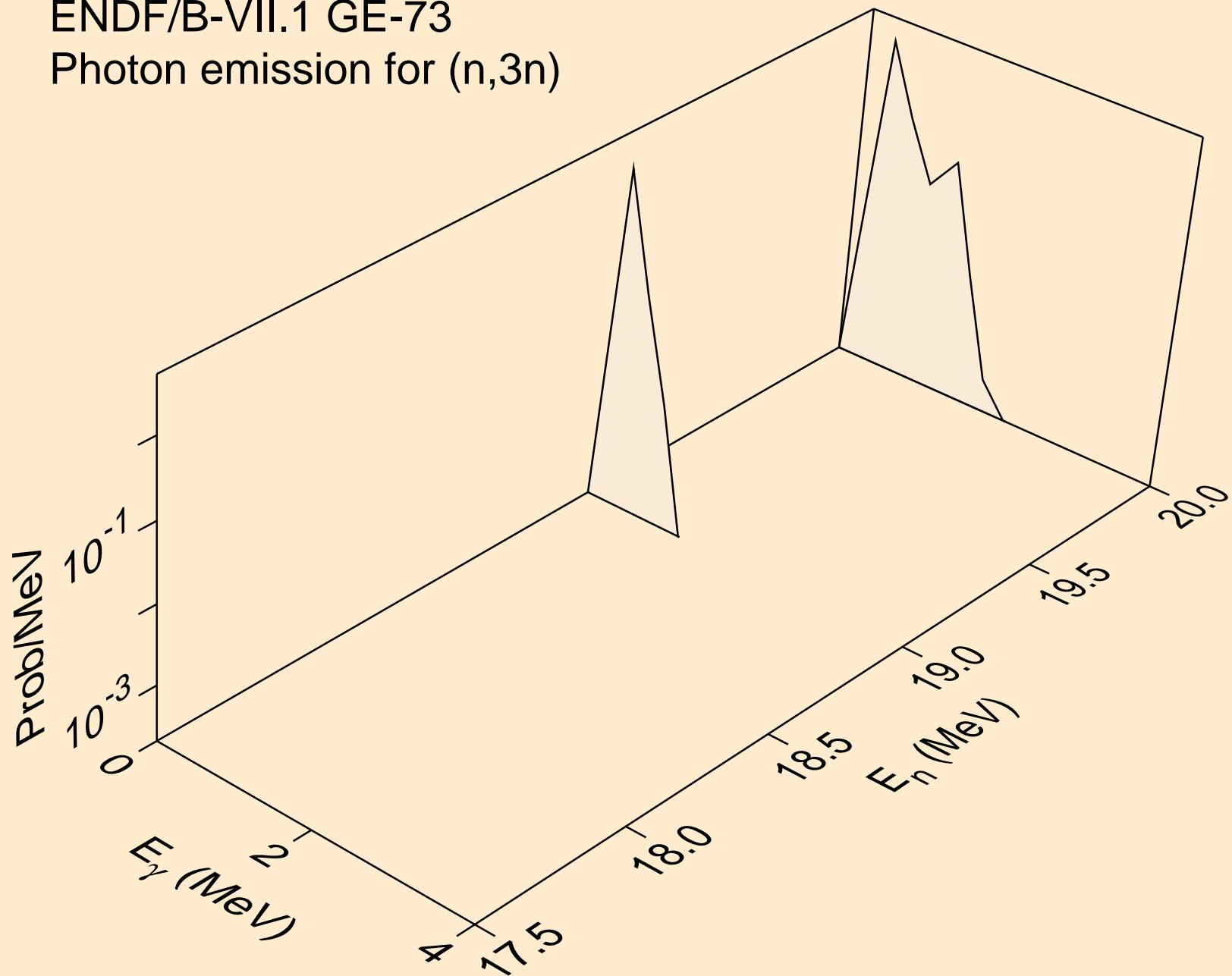
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Neutron emission for  $(n, n^* c)$



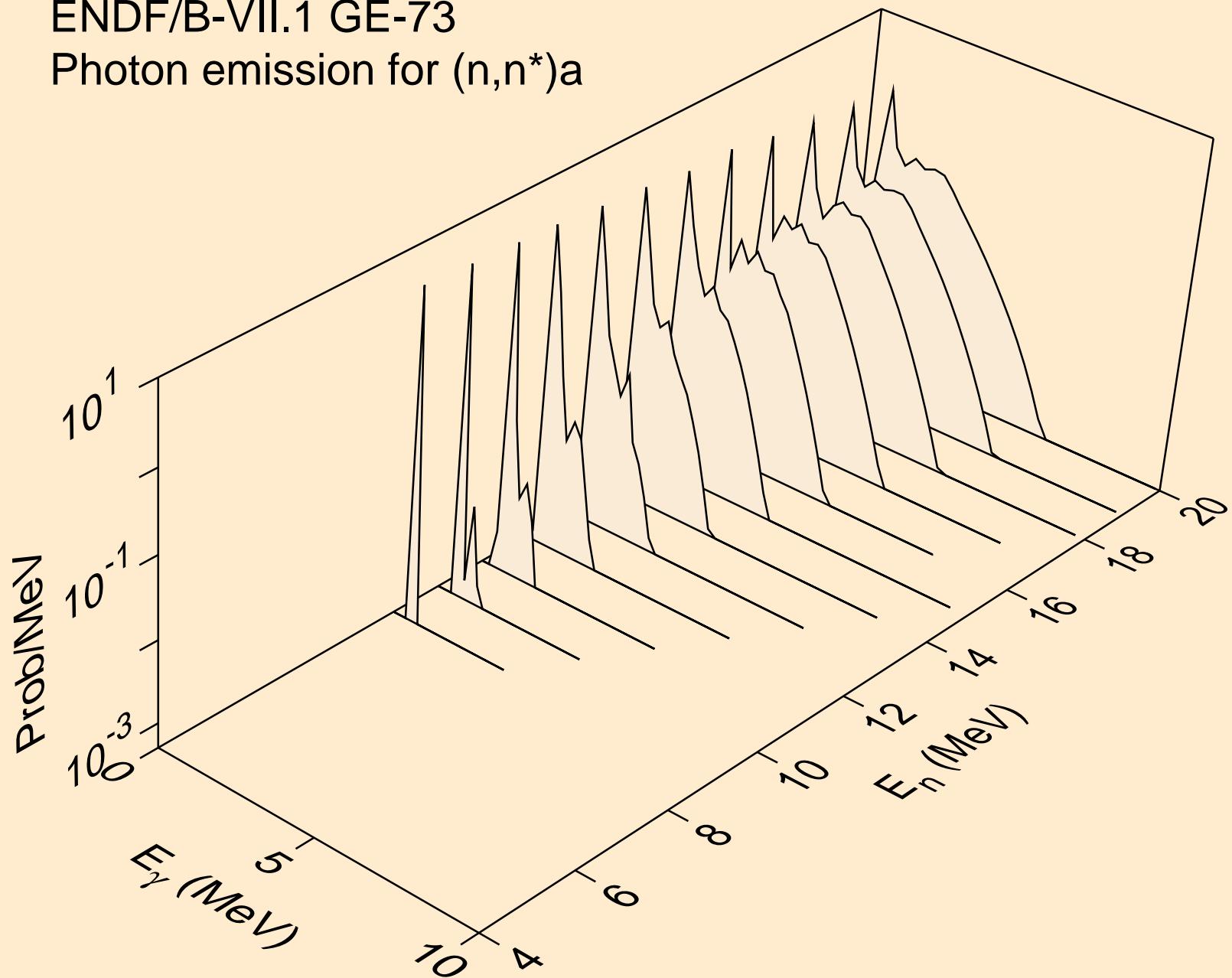
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Photon emission for ( $n,2n$ )



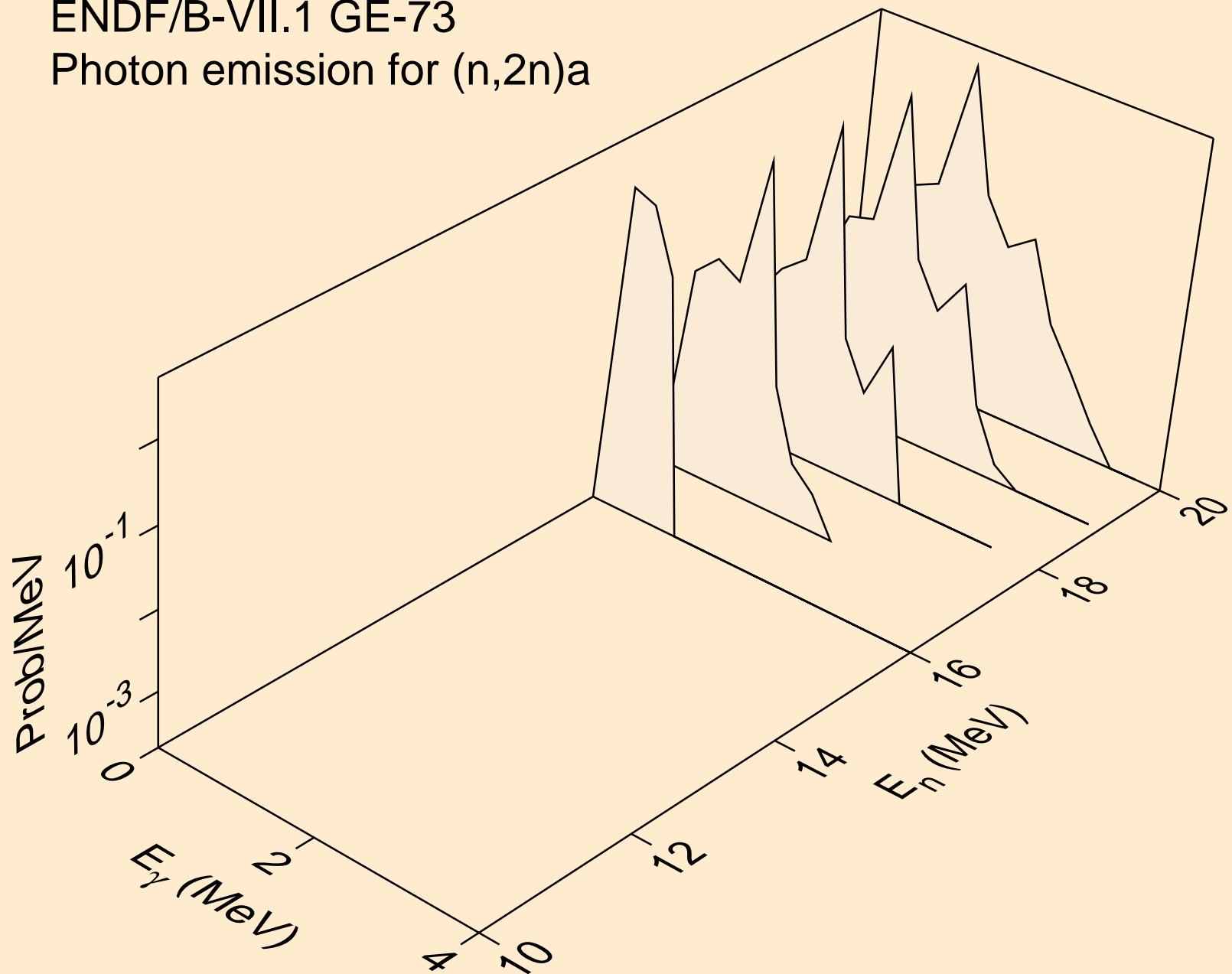
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Photon emission for (n,3n)



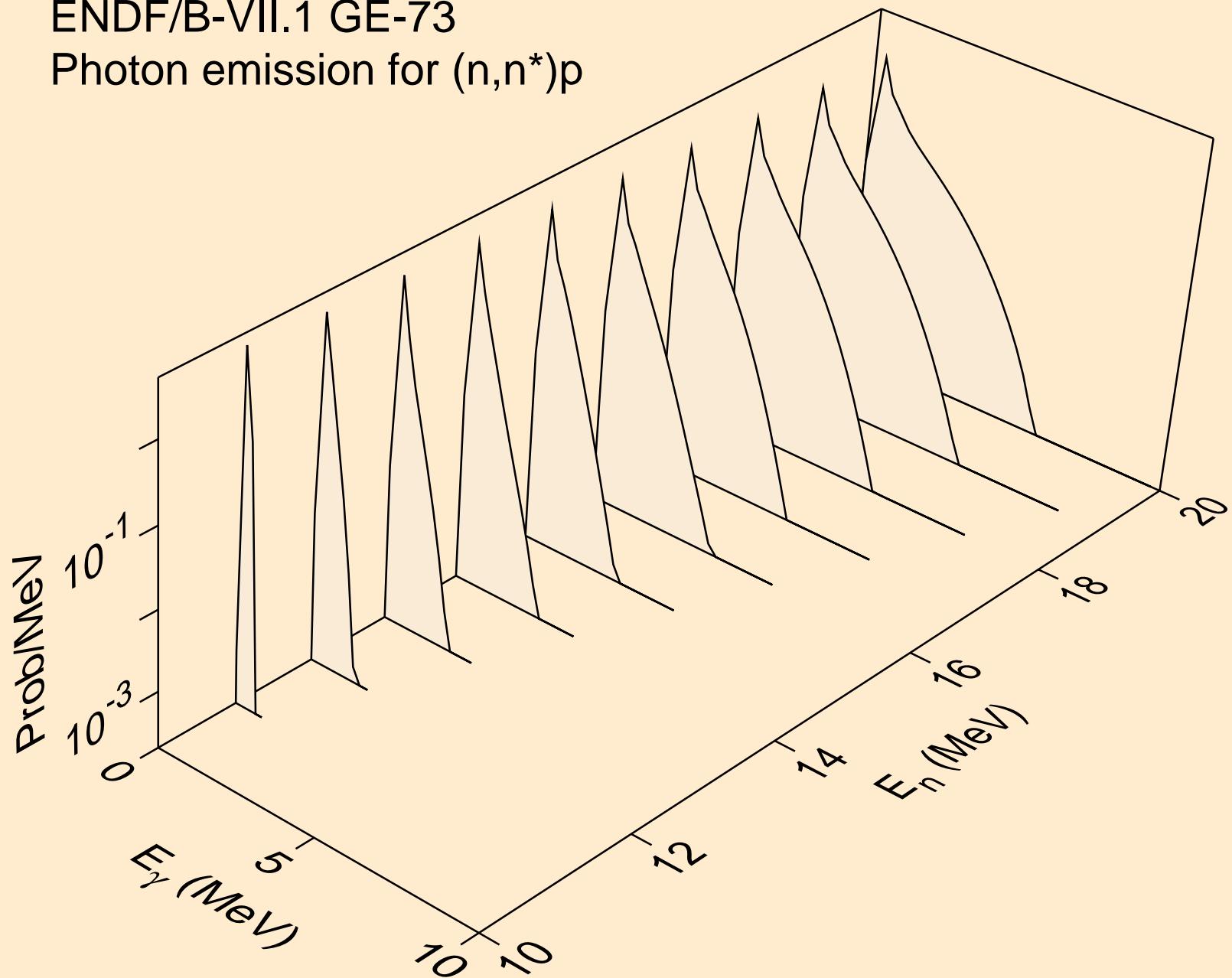
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Photon emission for  $(n,n^*)a$



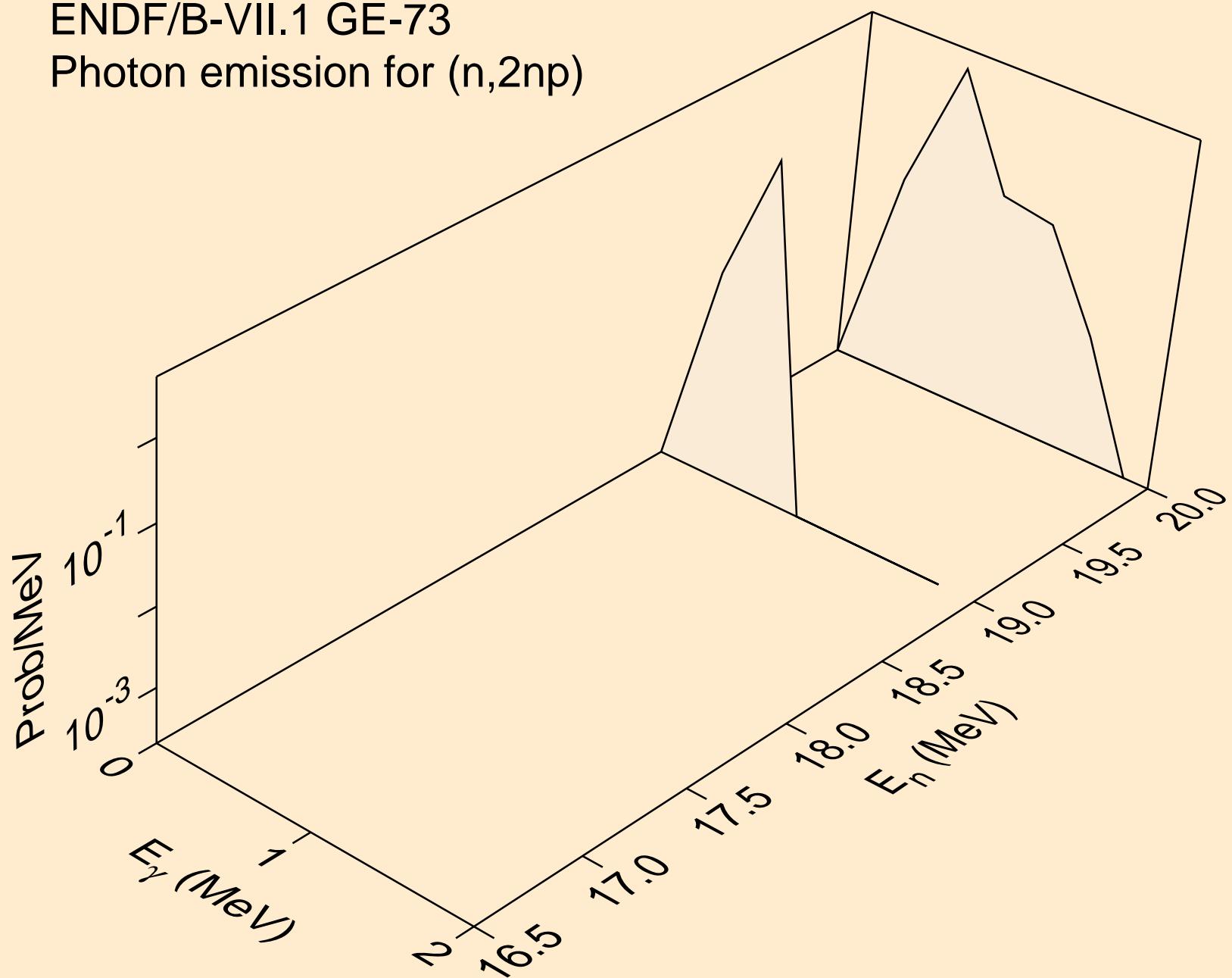
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Photon emission for  $(n,2n)a$



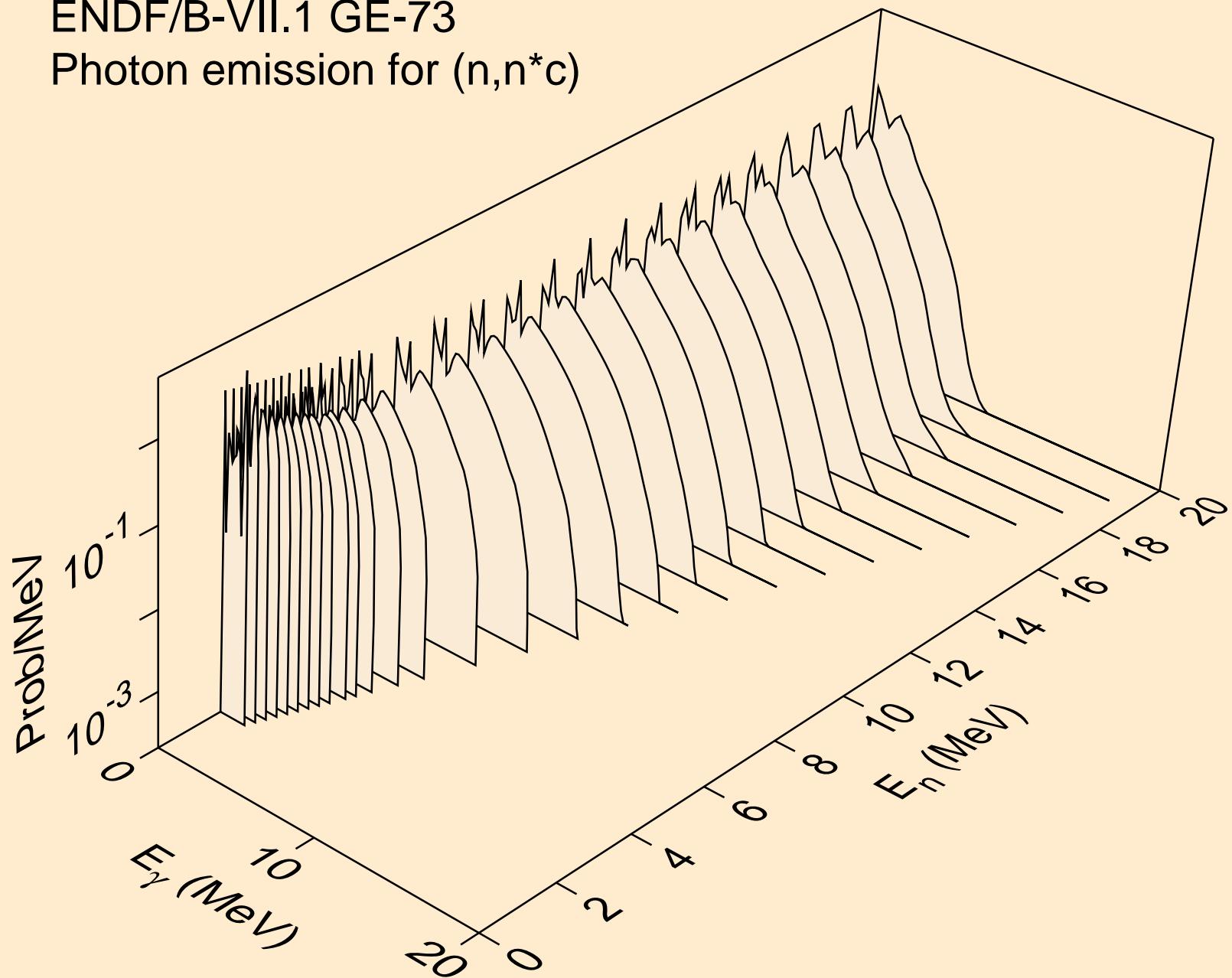
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Photon emission for  $(n,n^*)p$



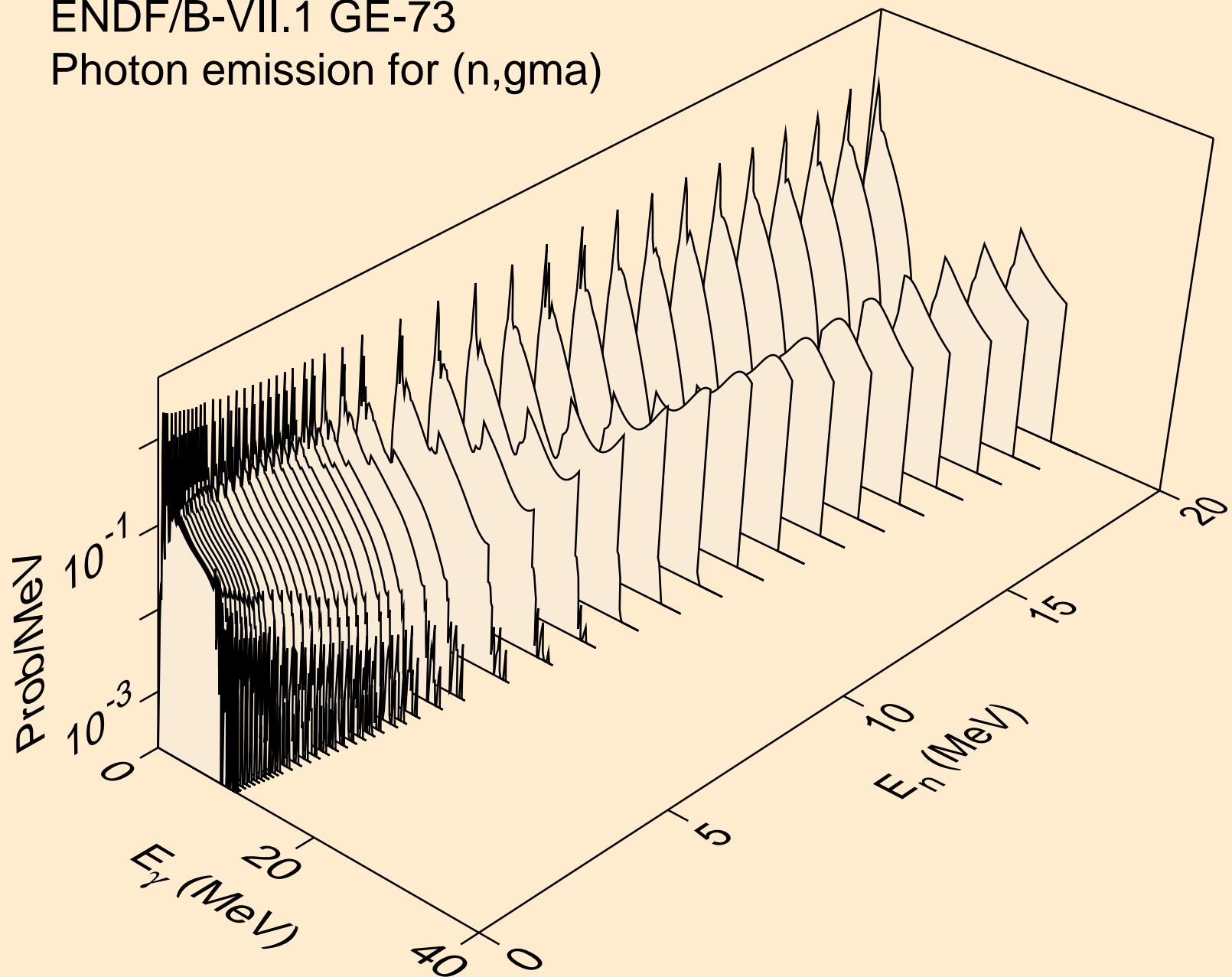
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Photon emission for ( $n, 2np$ )



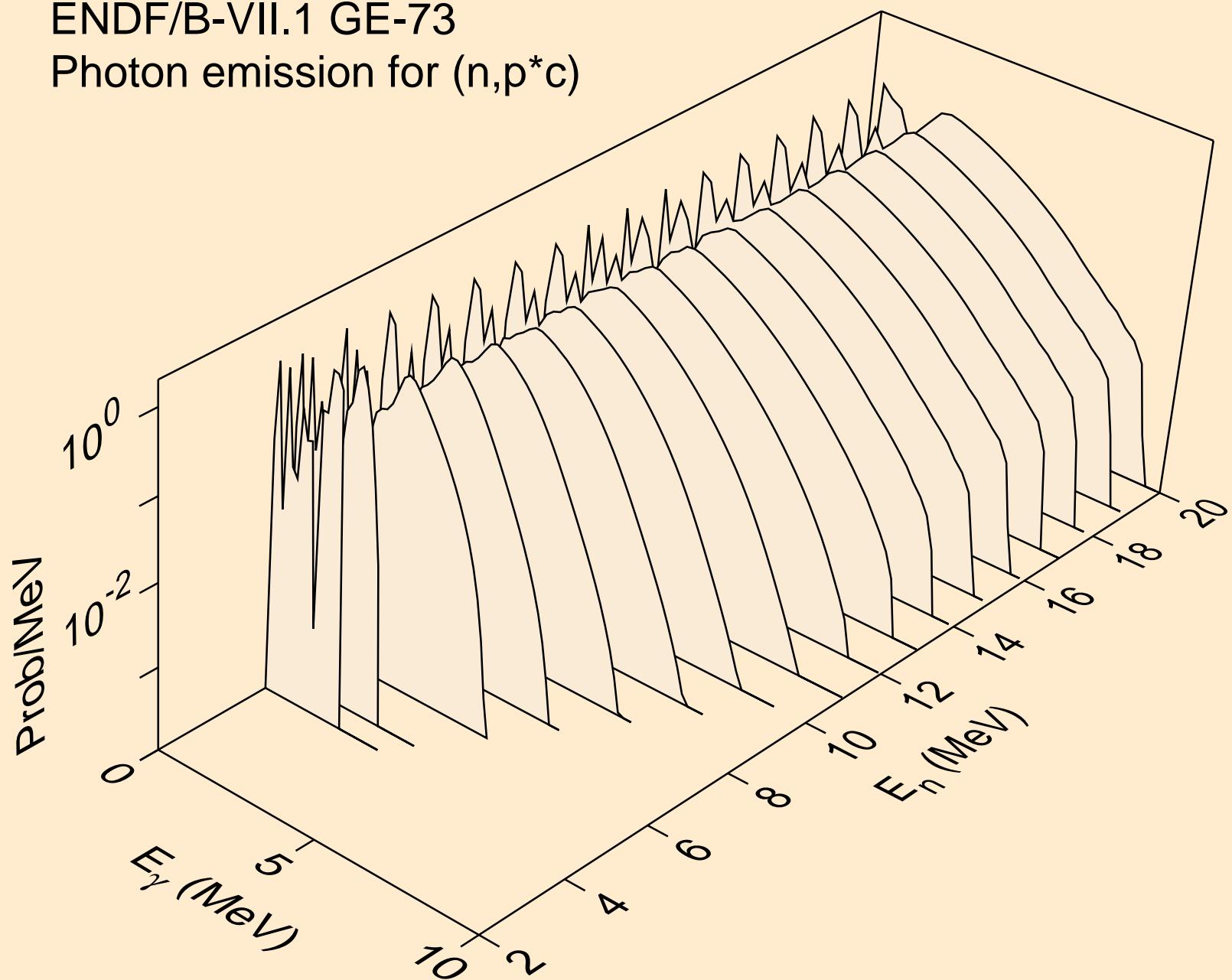
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Photon emission for  $(n, n^* c)$



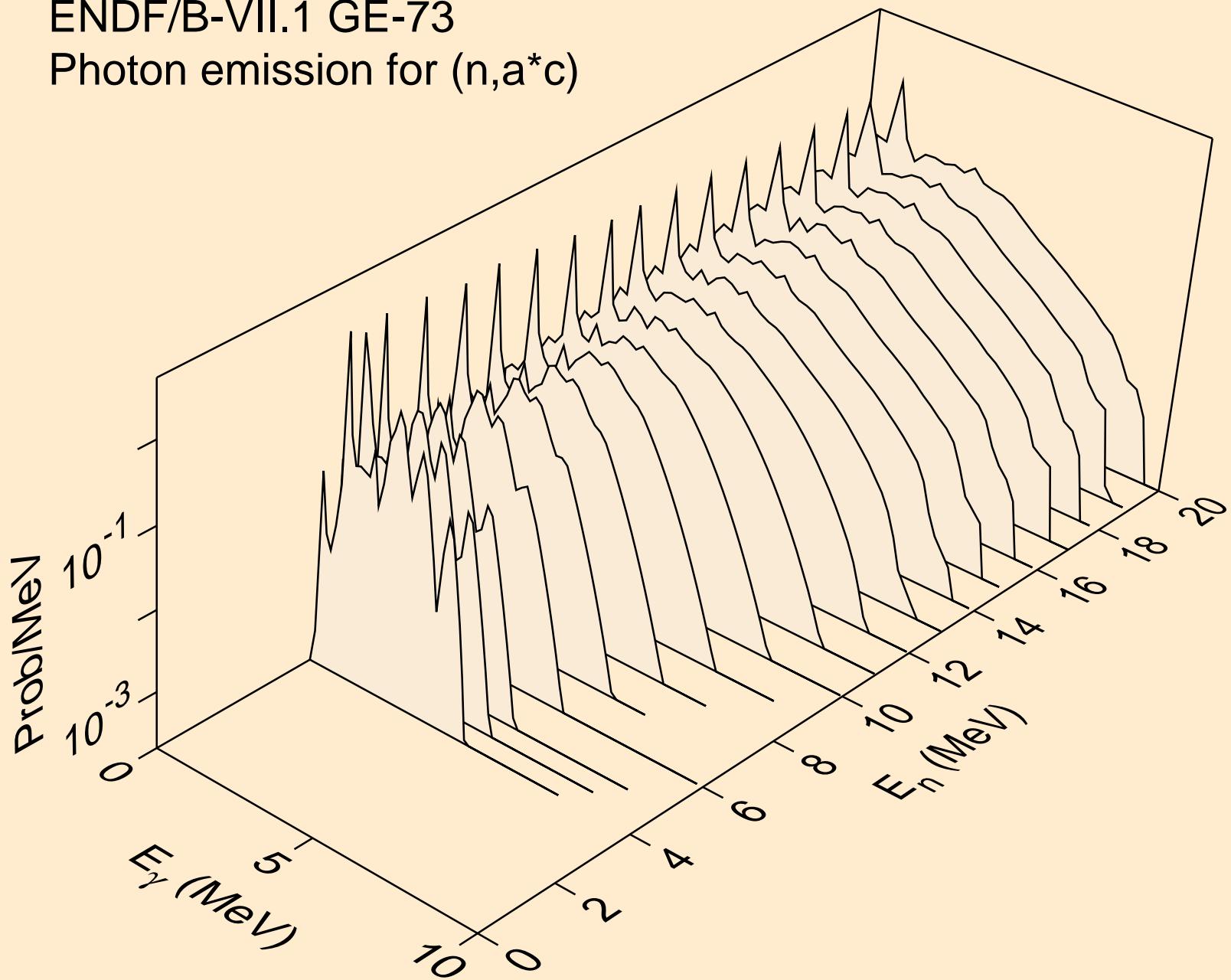
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Photon emission for (n,gma)



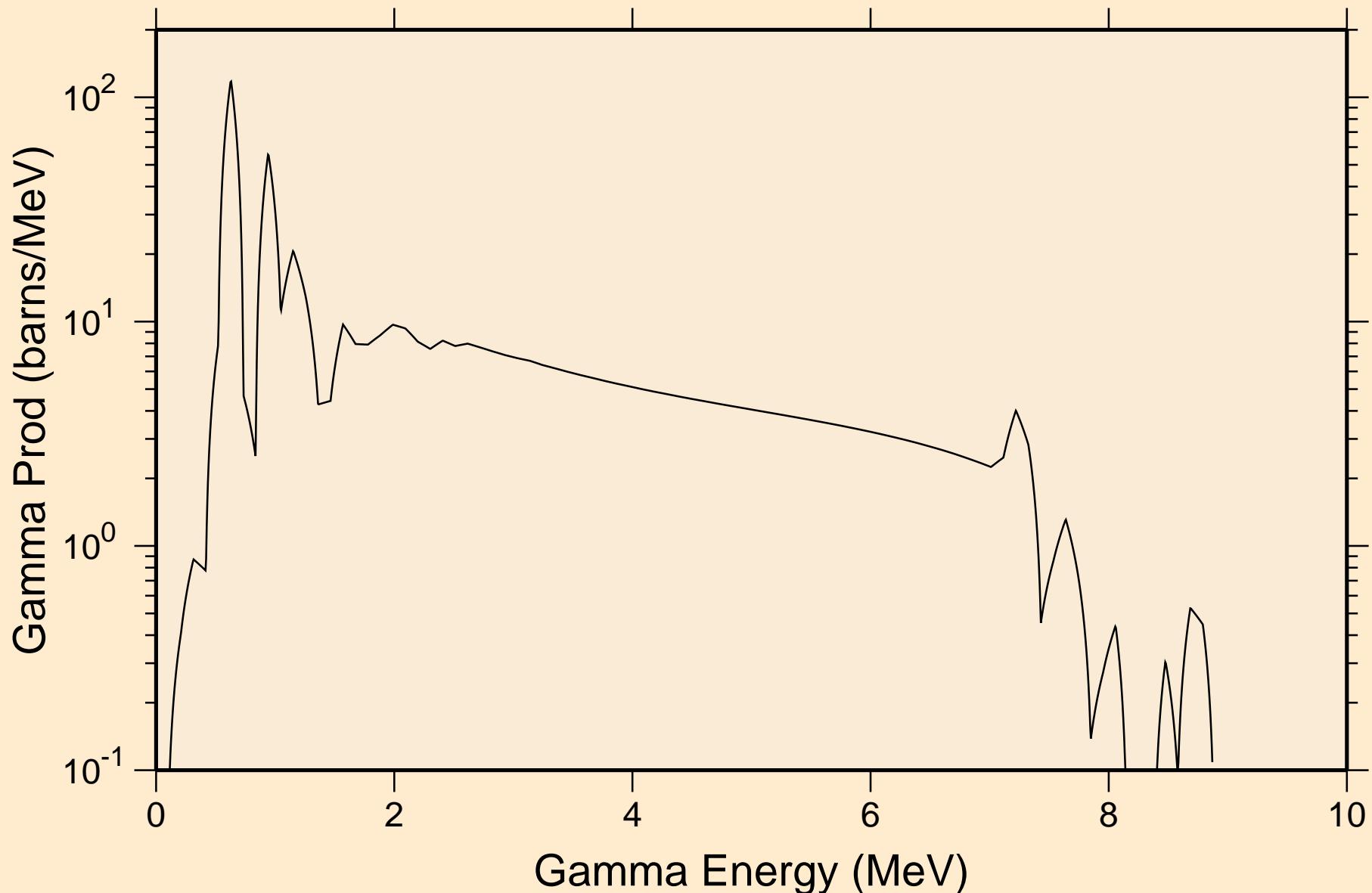
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Photon emission for  $(n, p^* c)$



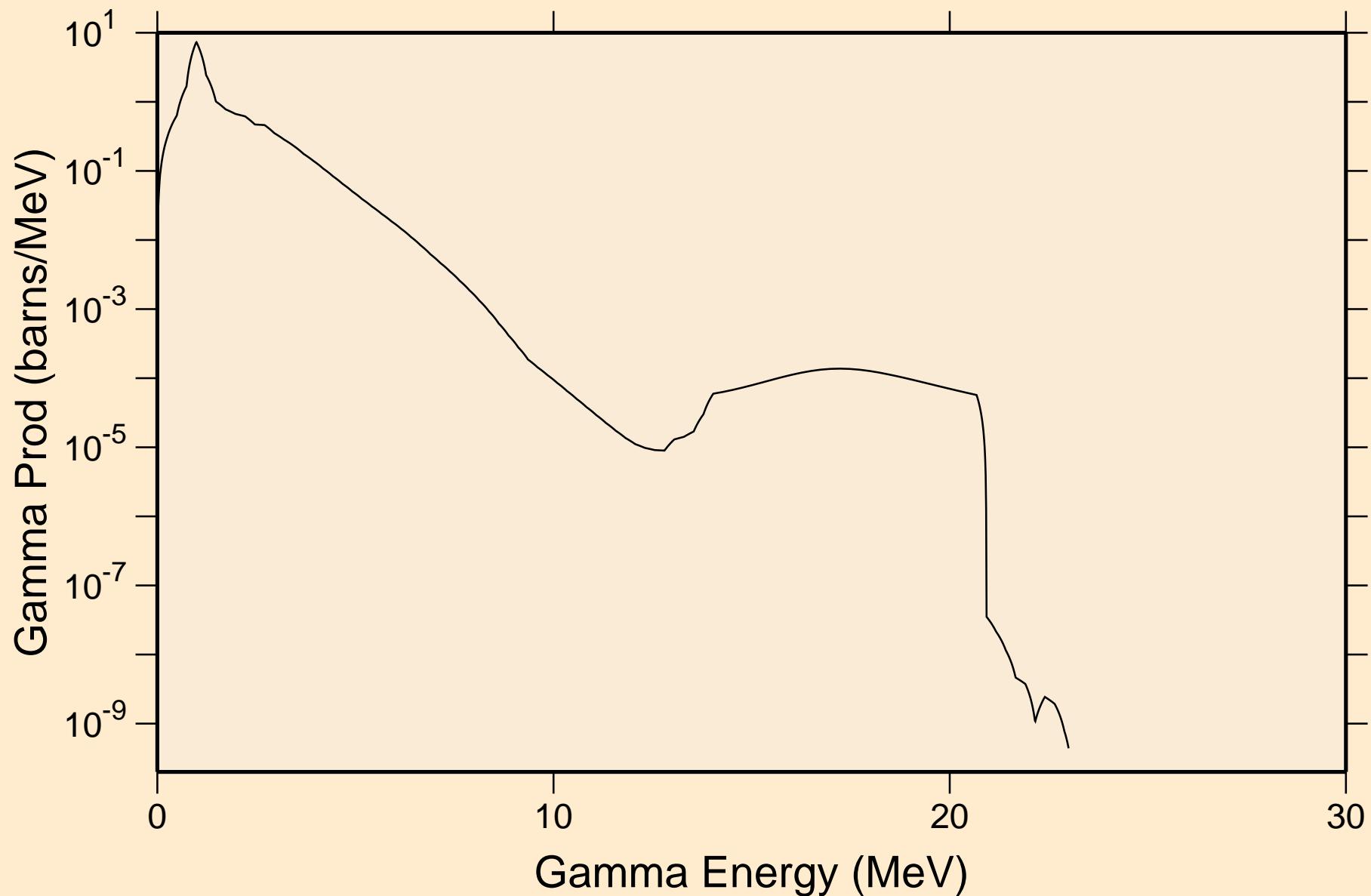
ENDF/B-VII.1 GE-73  
Photon emission for  $(n, a^* c)$



ENDF/B-VII.1 GE-73  
thermal capture photon spectrum

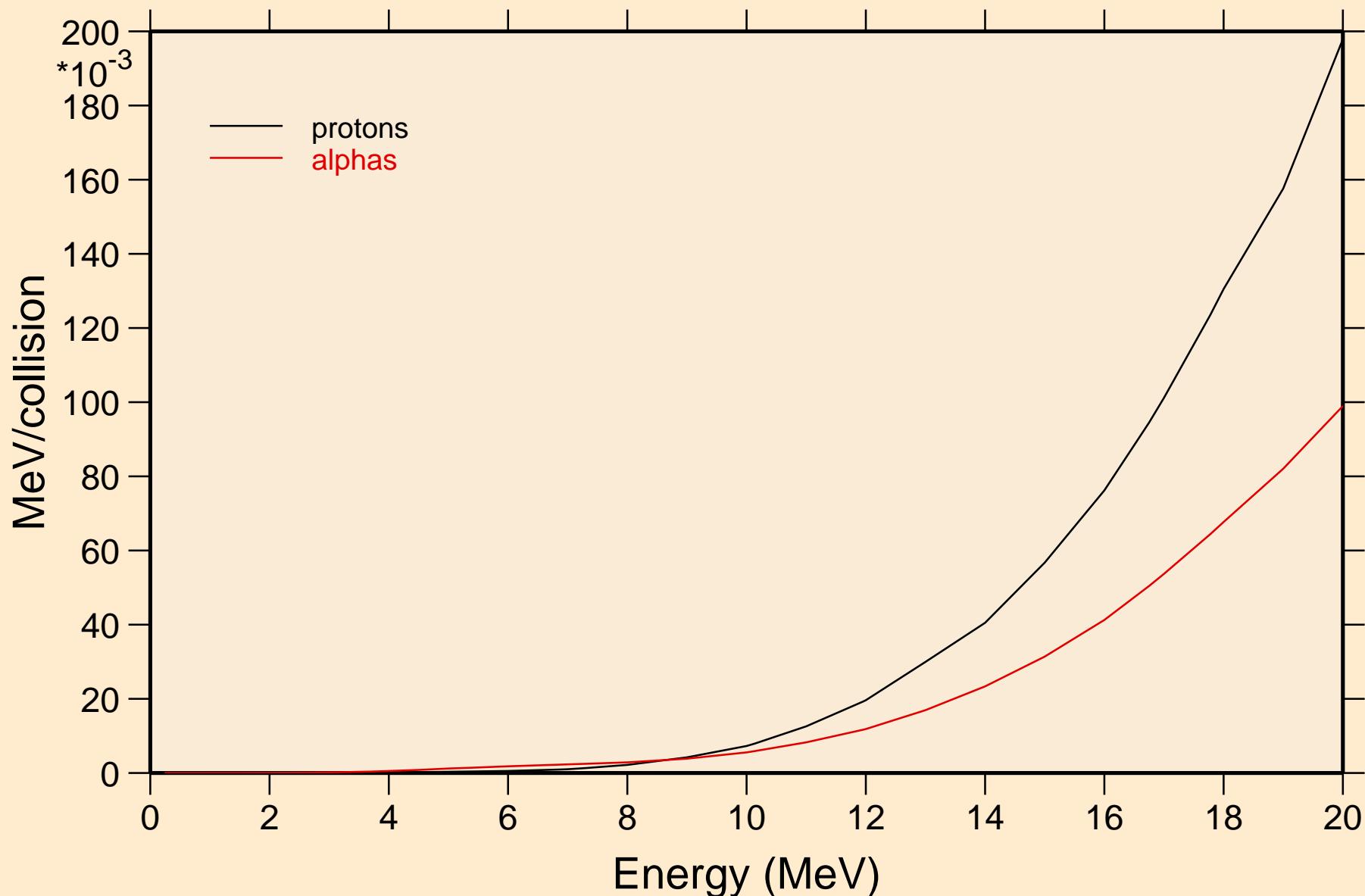


ENDF/B-VII.1 GE-73  
14 MeV photon spectrum

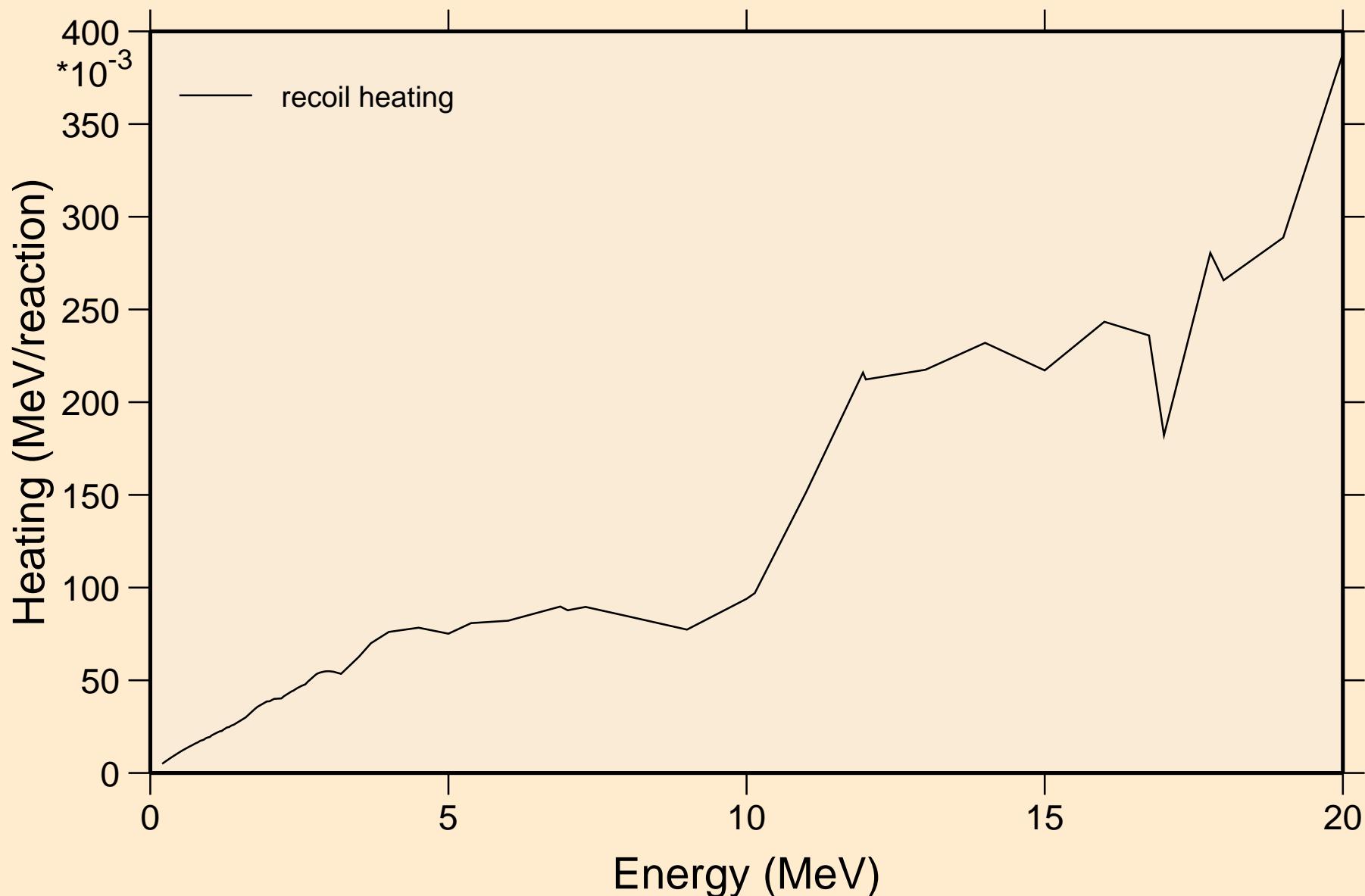


# ENDF/B-VII.1 GE-73

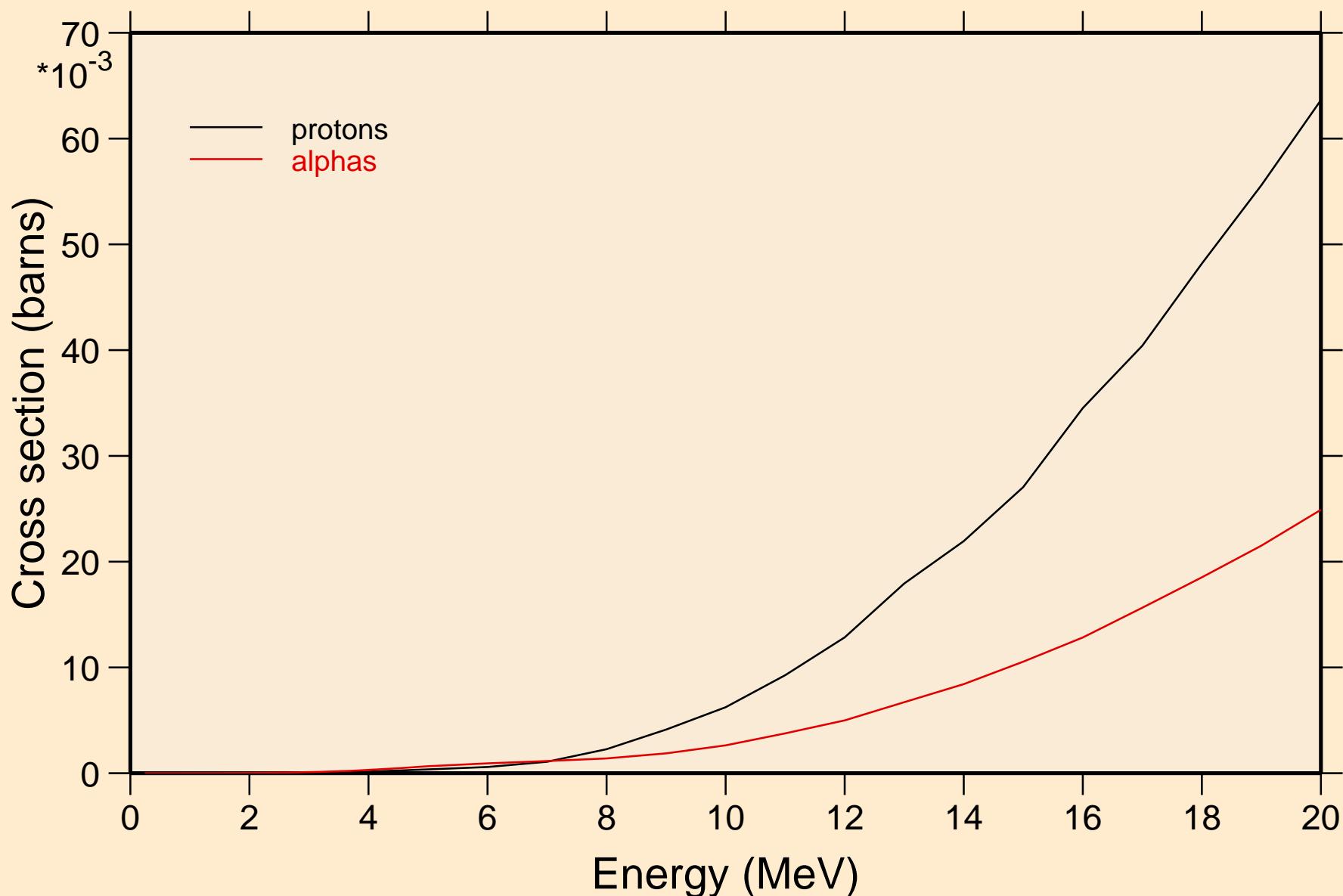
## Particle heating contributions



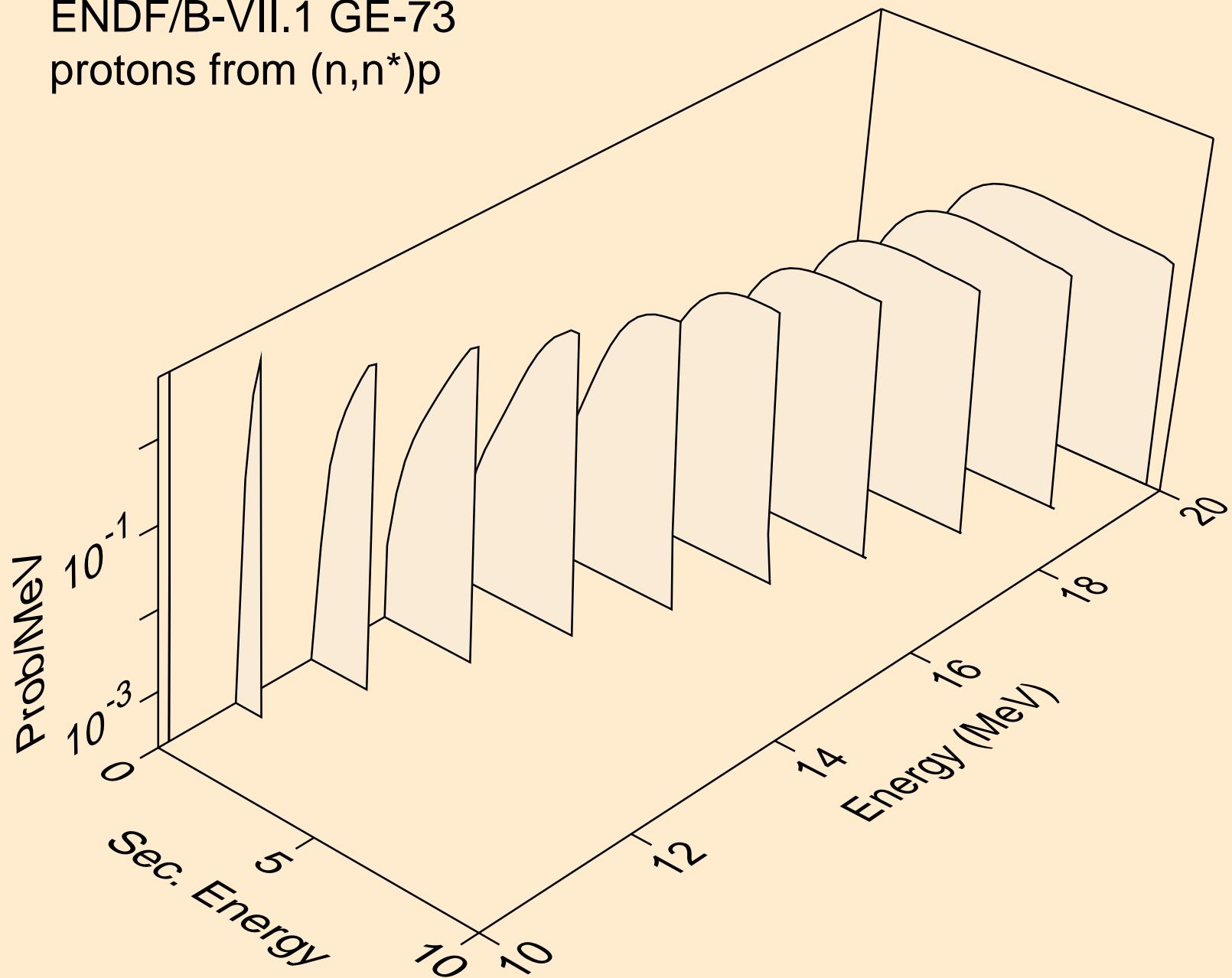
ENDF/B-VII.1 GE-73  
Recoil Heating



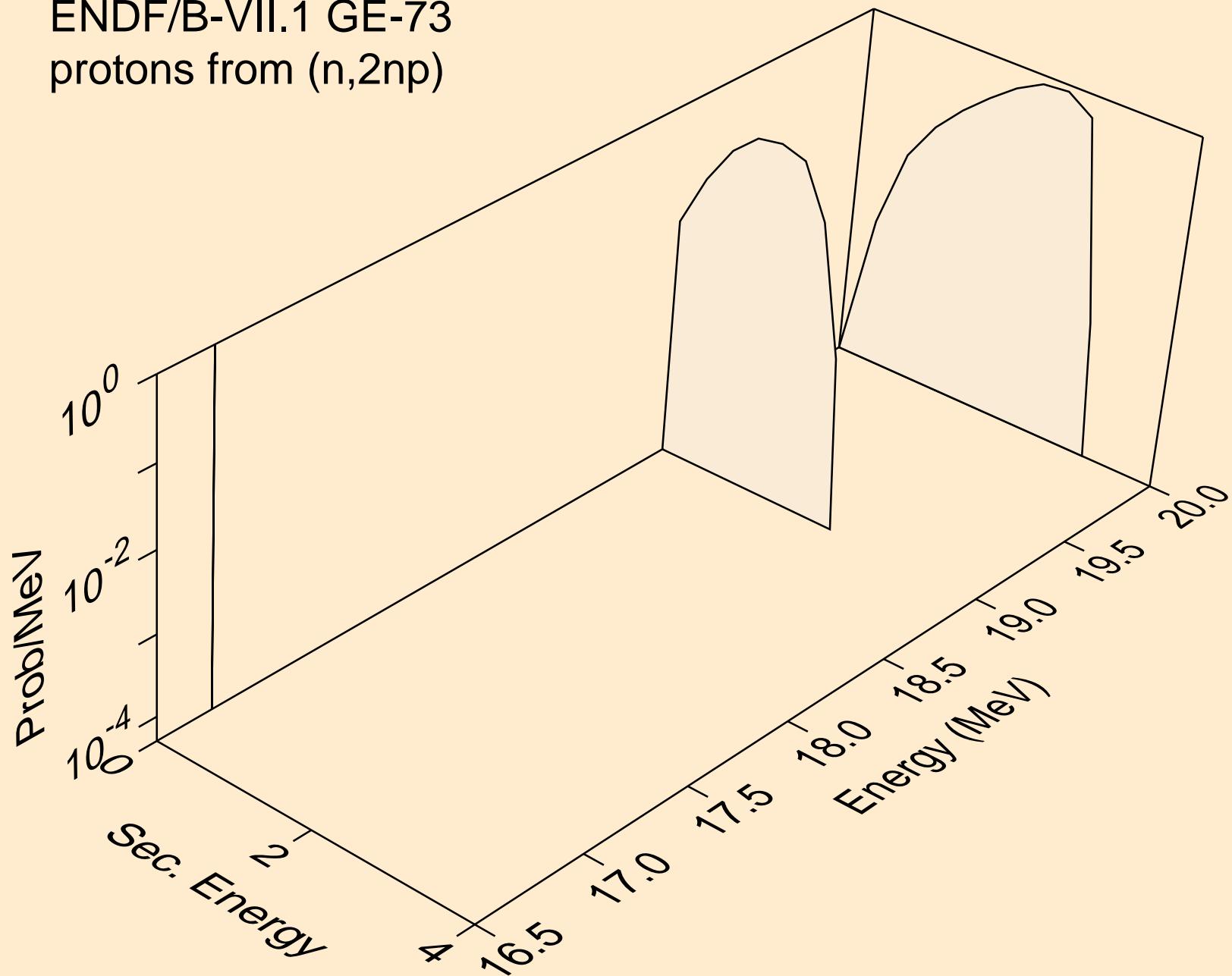
ENDF/B-VII.1 GE-73  
Particle production cross sections



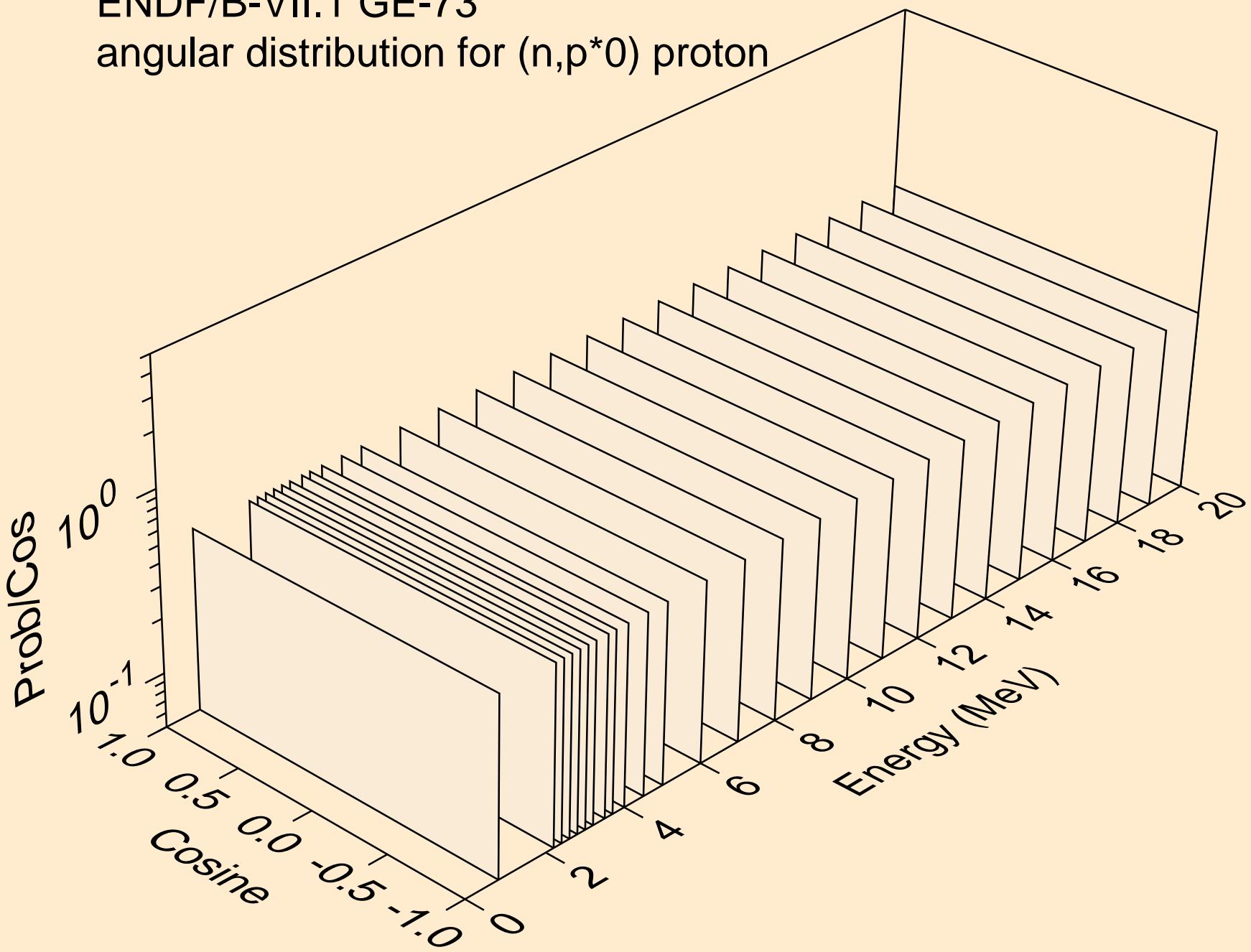
ENDF/B-VII.1 GE-73  
protons from  $(n,n^*)p$



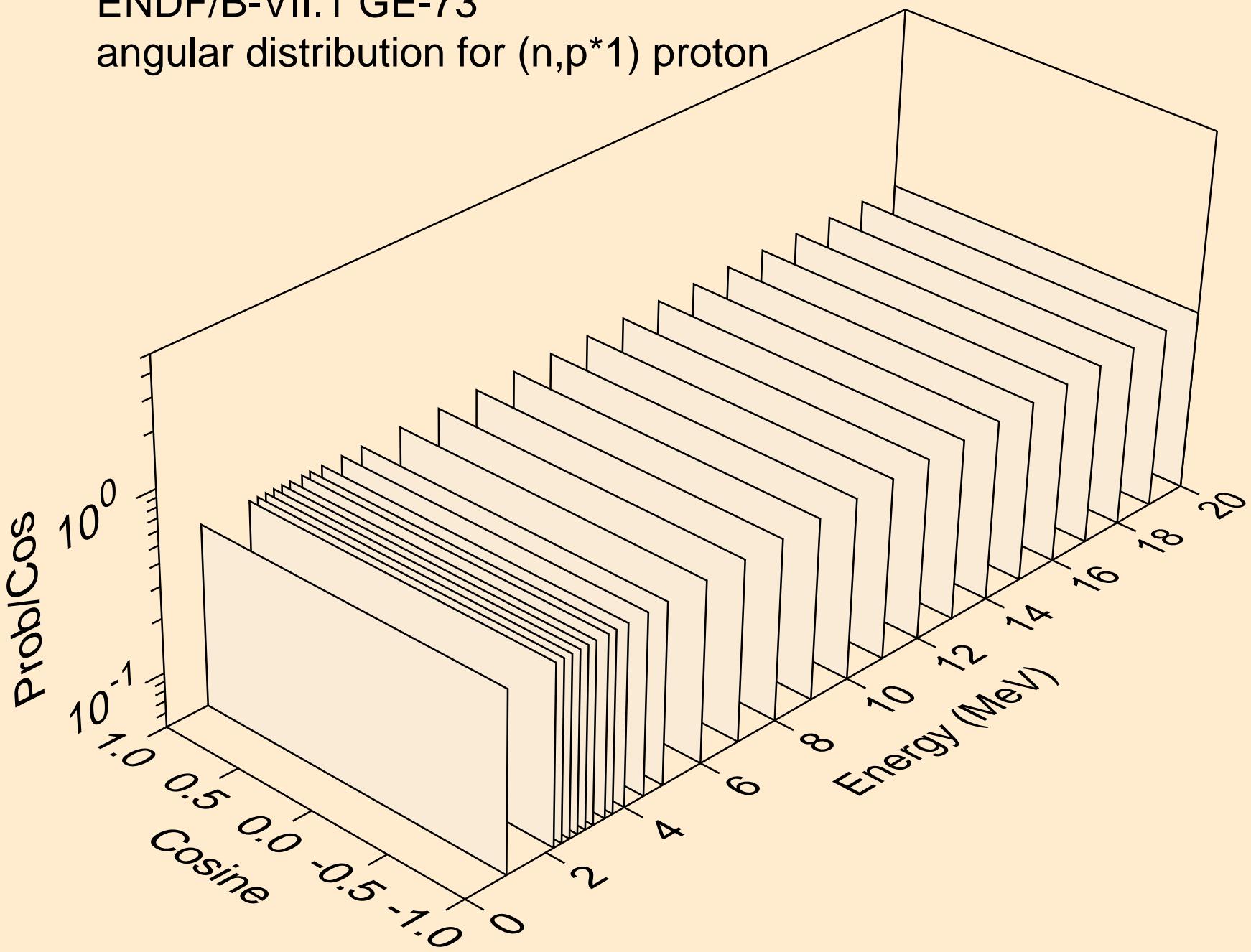
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protons from ( $n,2np$ )



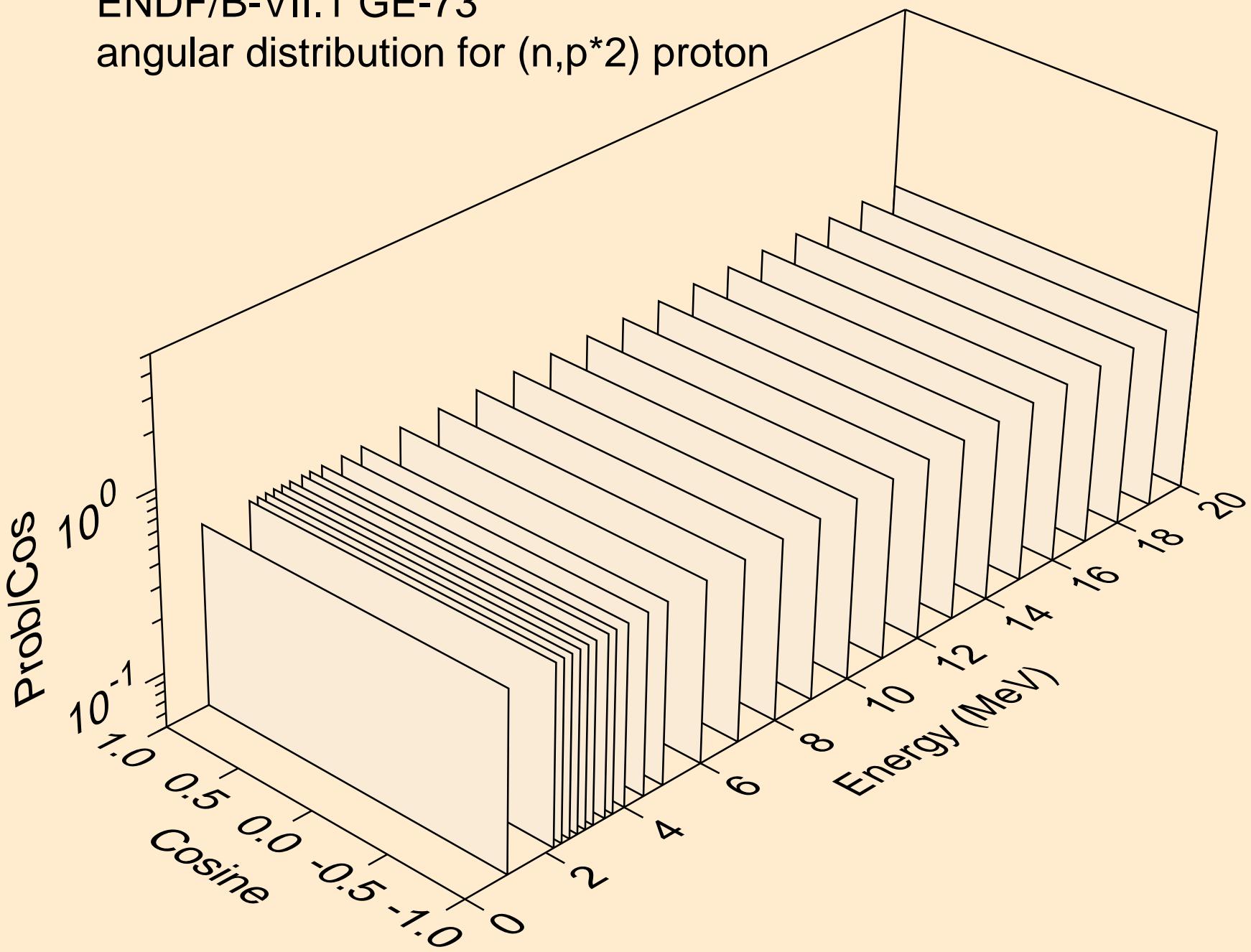
ENDF/B-VII.1 GE-73  
angular distribution for  $(n,p^*0)$  proton



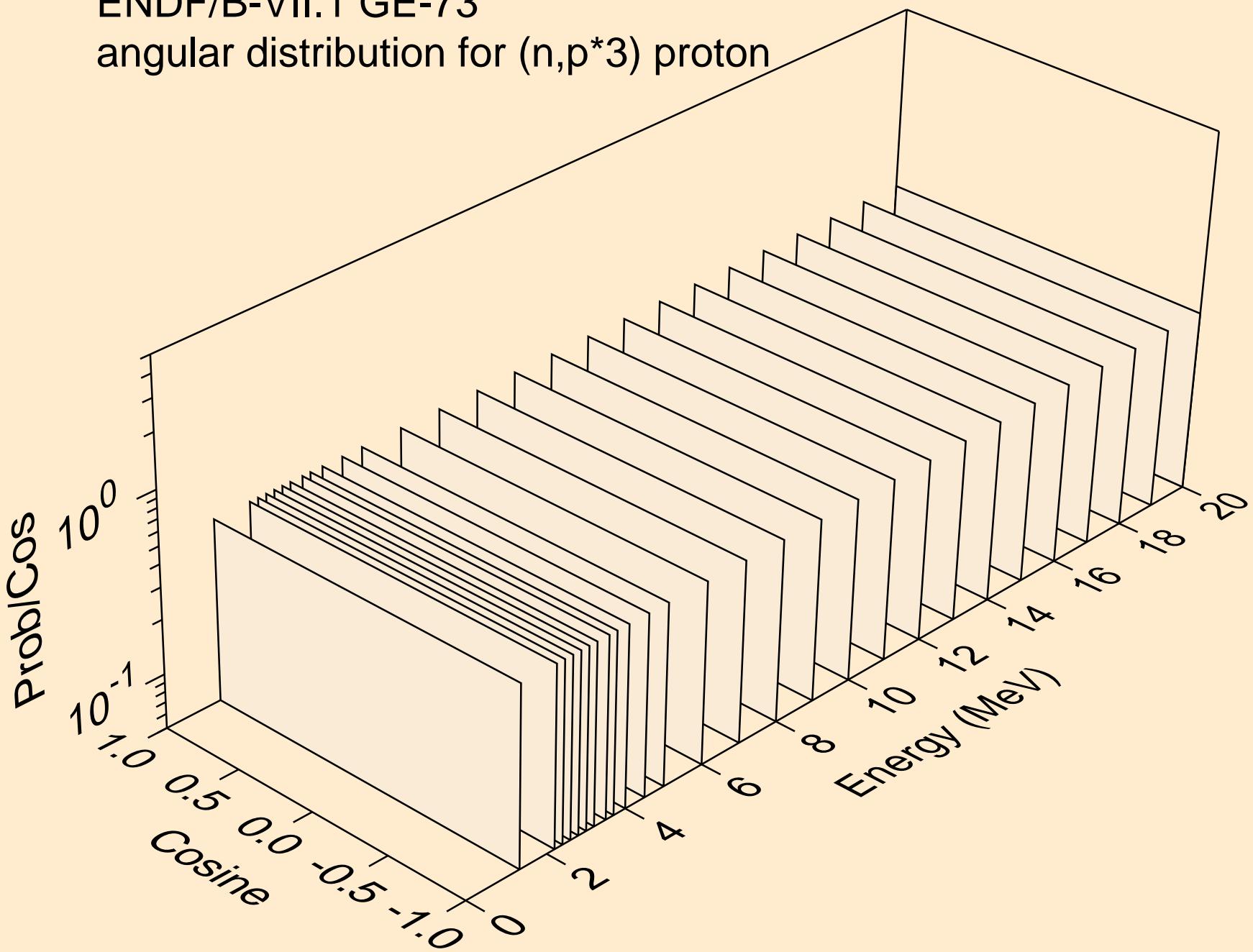
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angular distribution for ( $n,p^*1$ ) proton



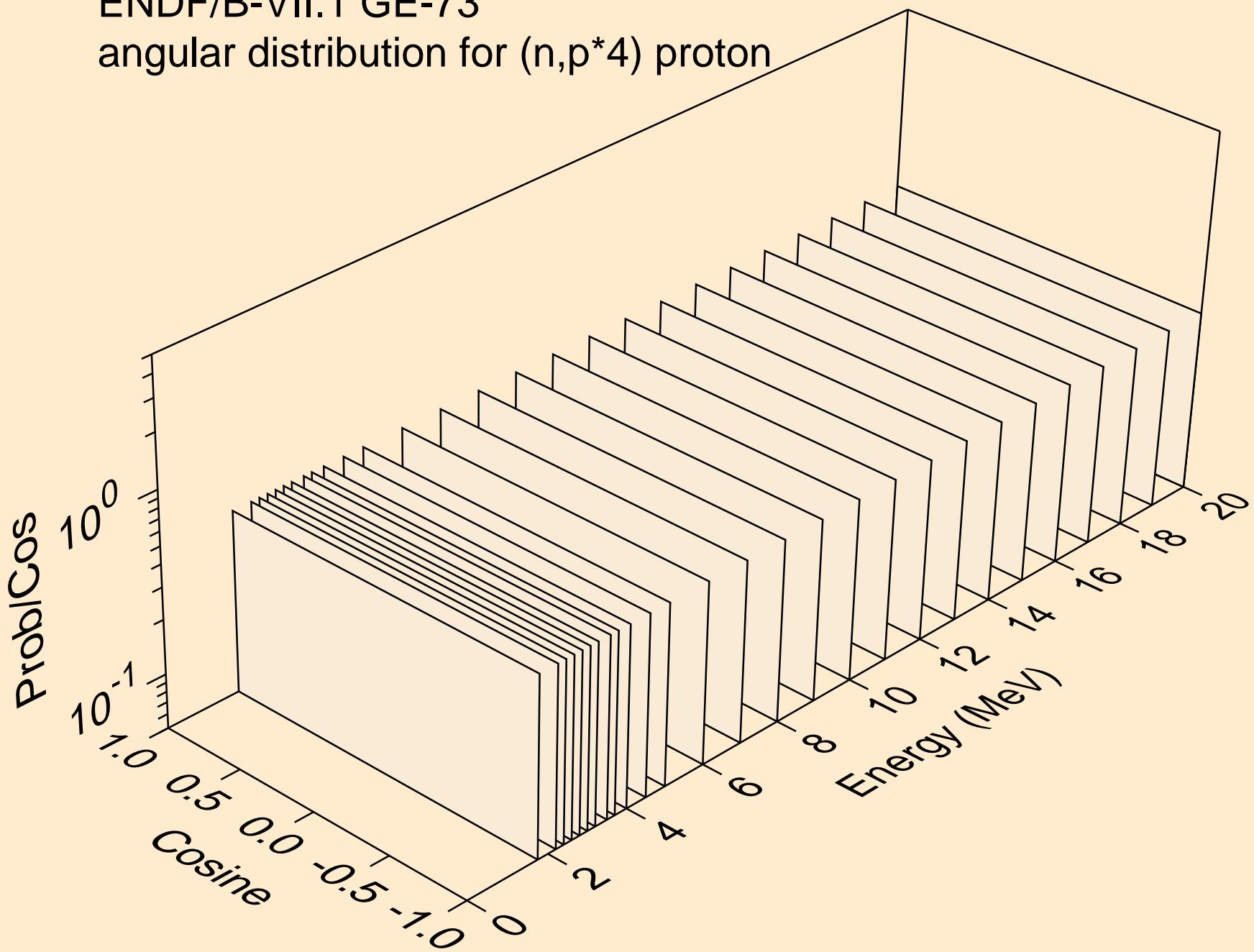
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angular distribution for  $(n,p^*2)$  proton



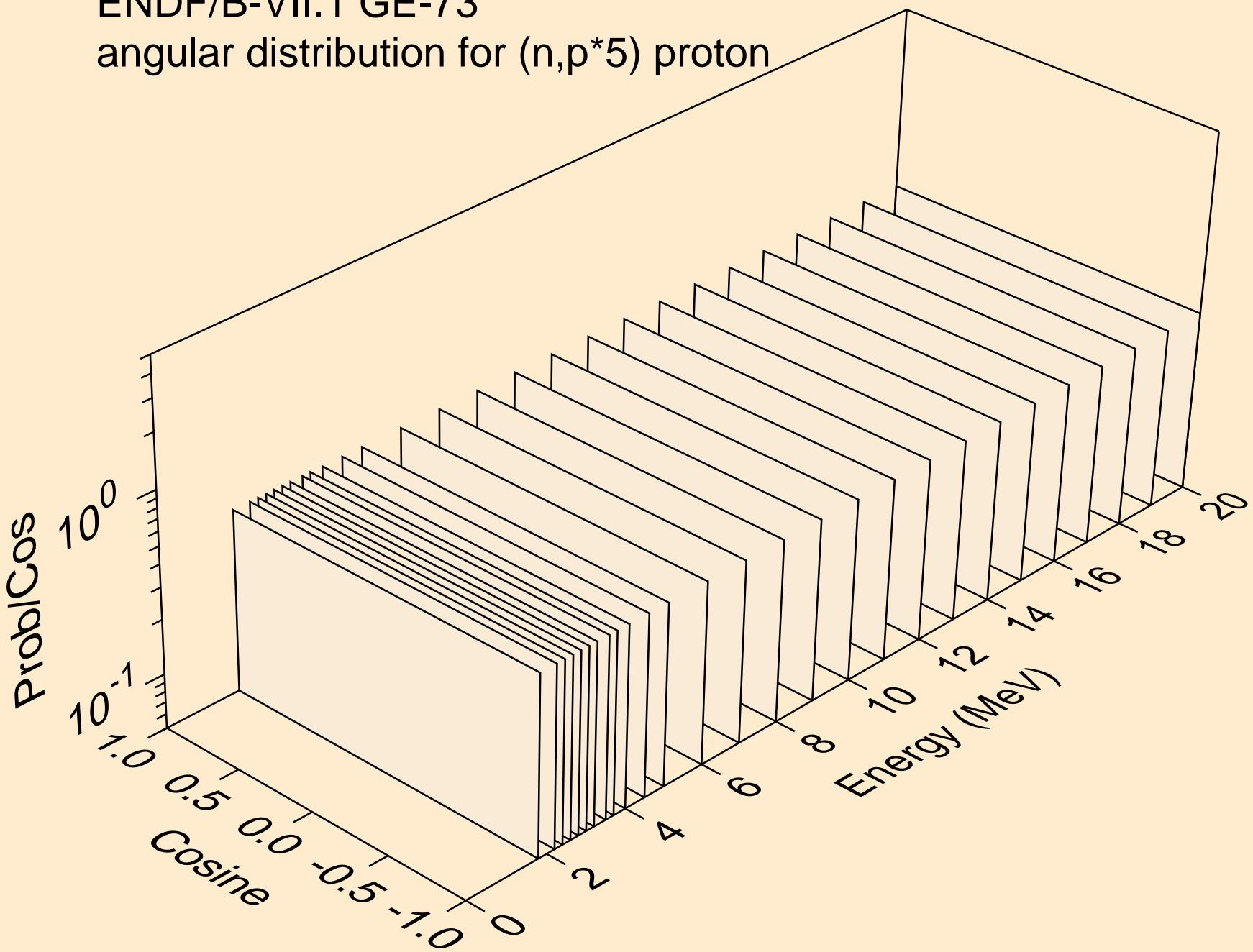
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angular distribution for ( $n,p^*3$ ) proton



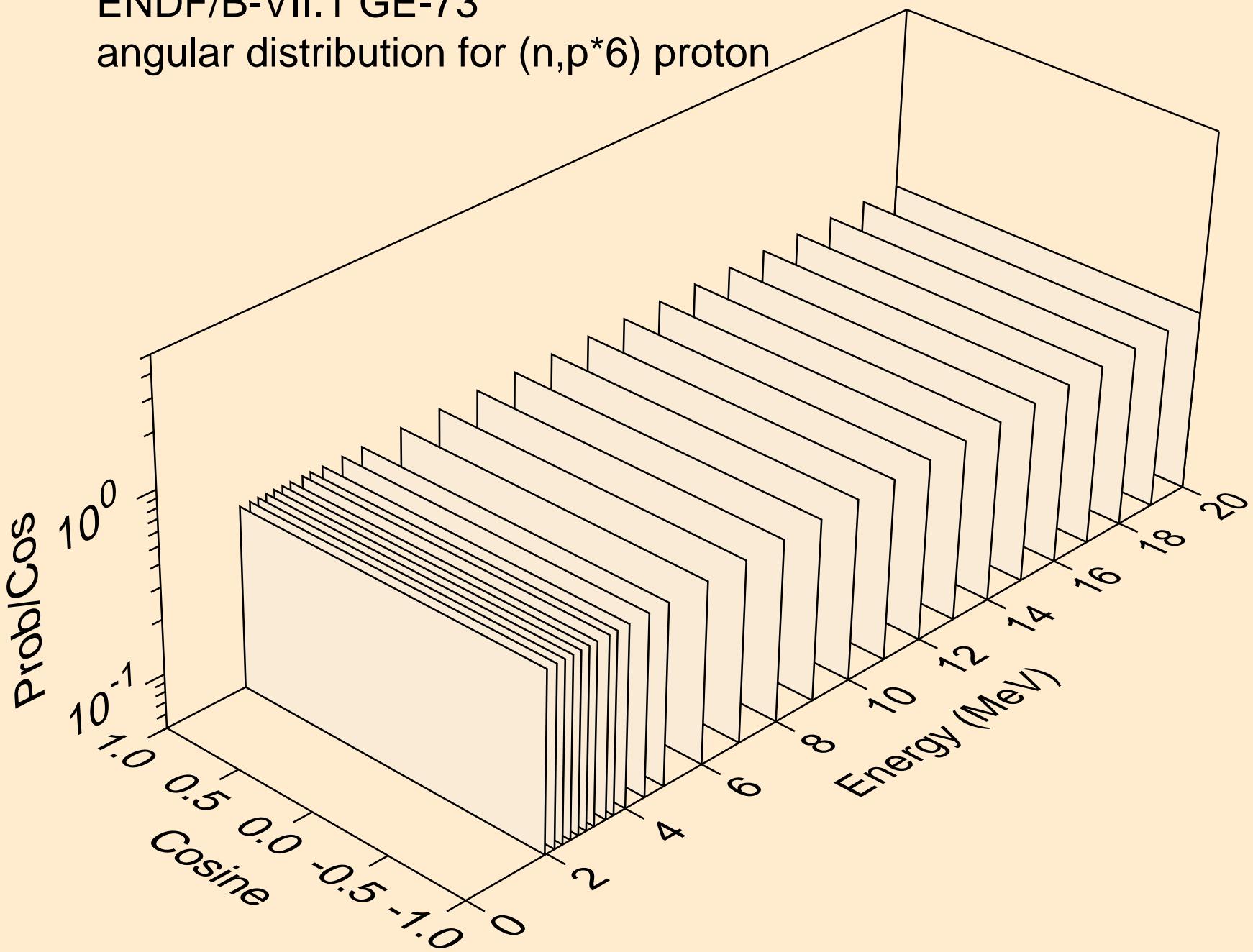
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angular distribution for ( $n,p^*4$ ) proton



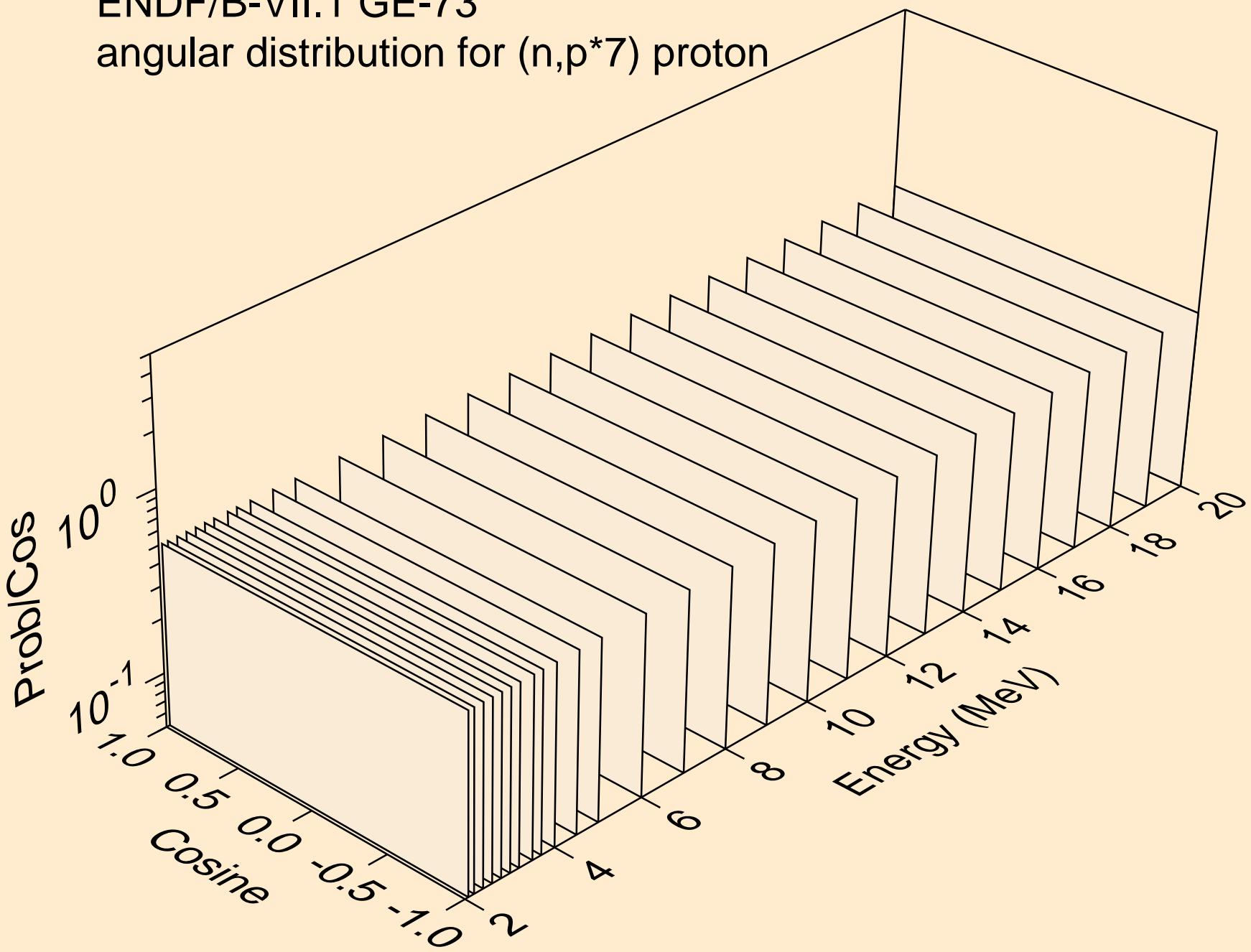
ENDF/B-VII.1 GE-73  
angular distribution for ( $n,p^*5$ ) proton



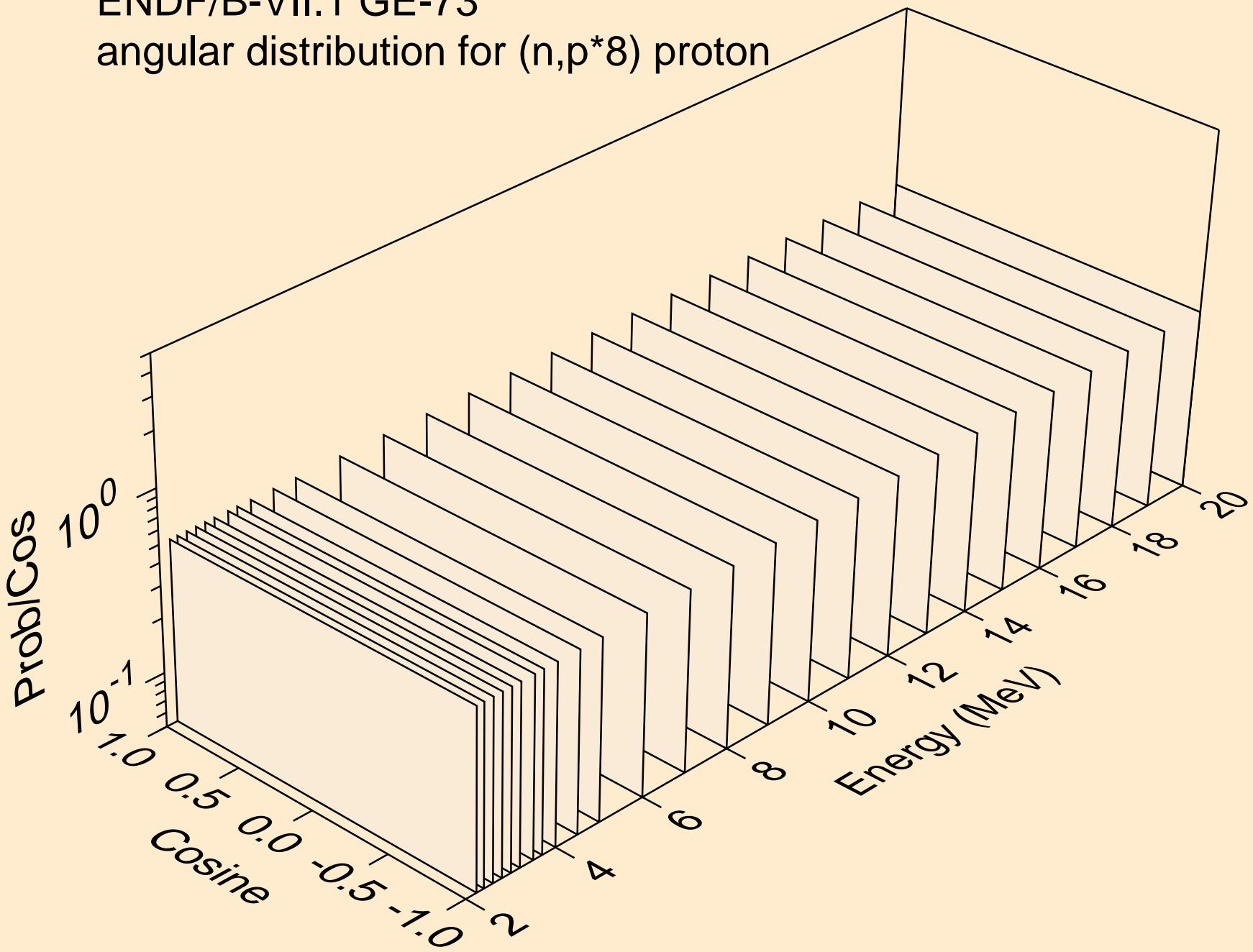
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angular distribution for  $(n,p^*6)$  proton



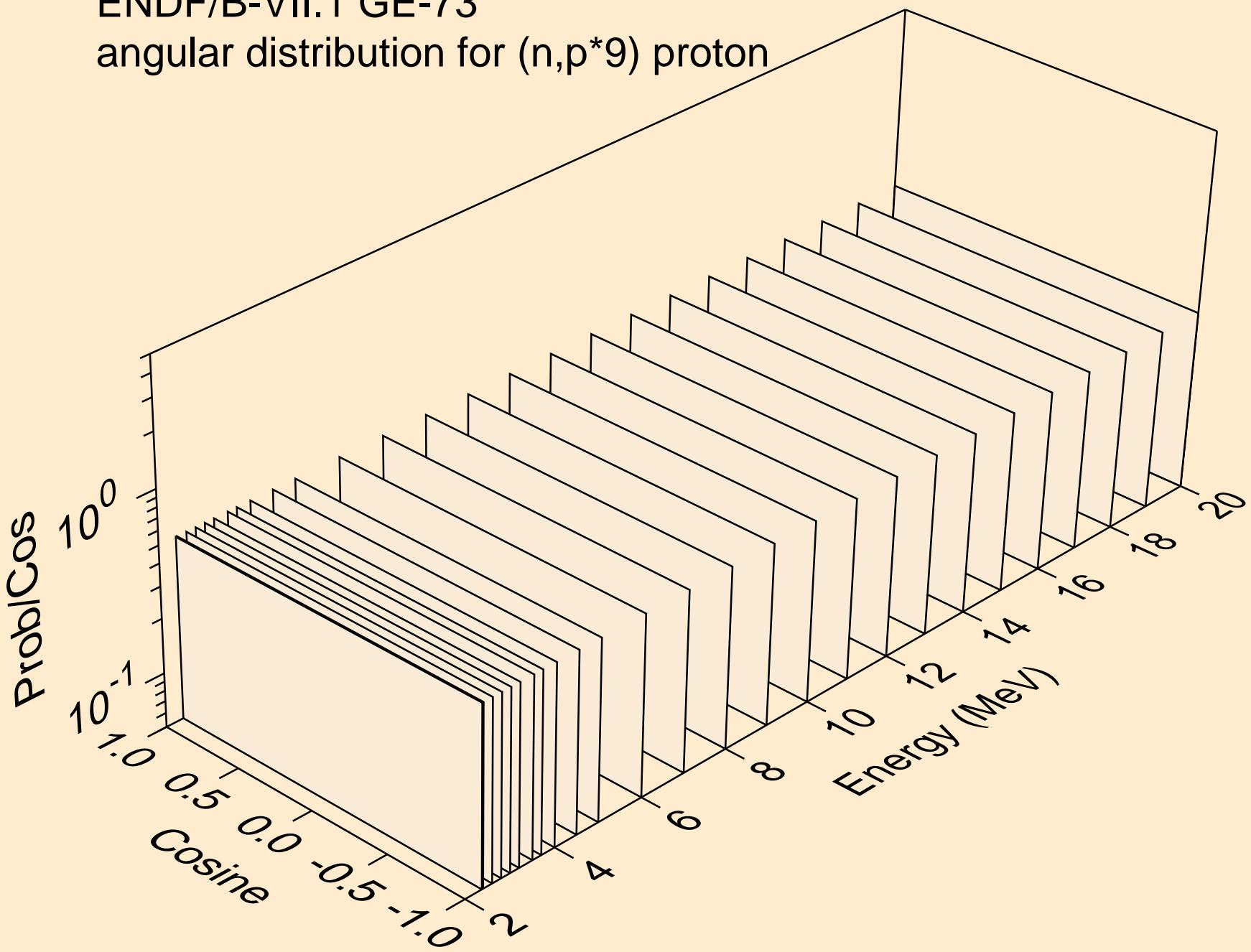
ENDF/B-VII.1 GE-73  
angular distribution for ( $n,p^*7$ ) proton



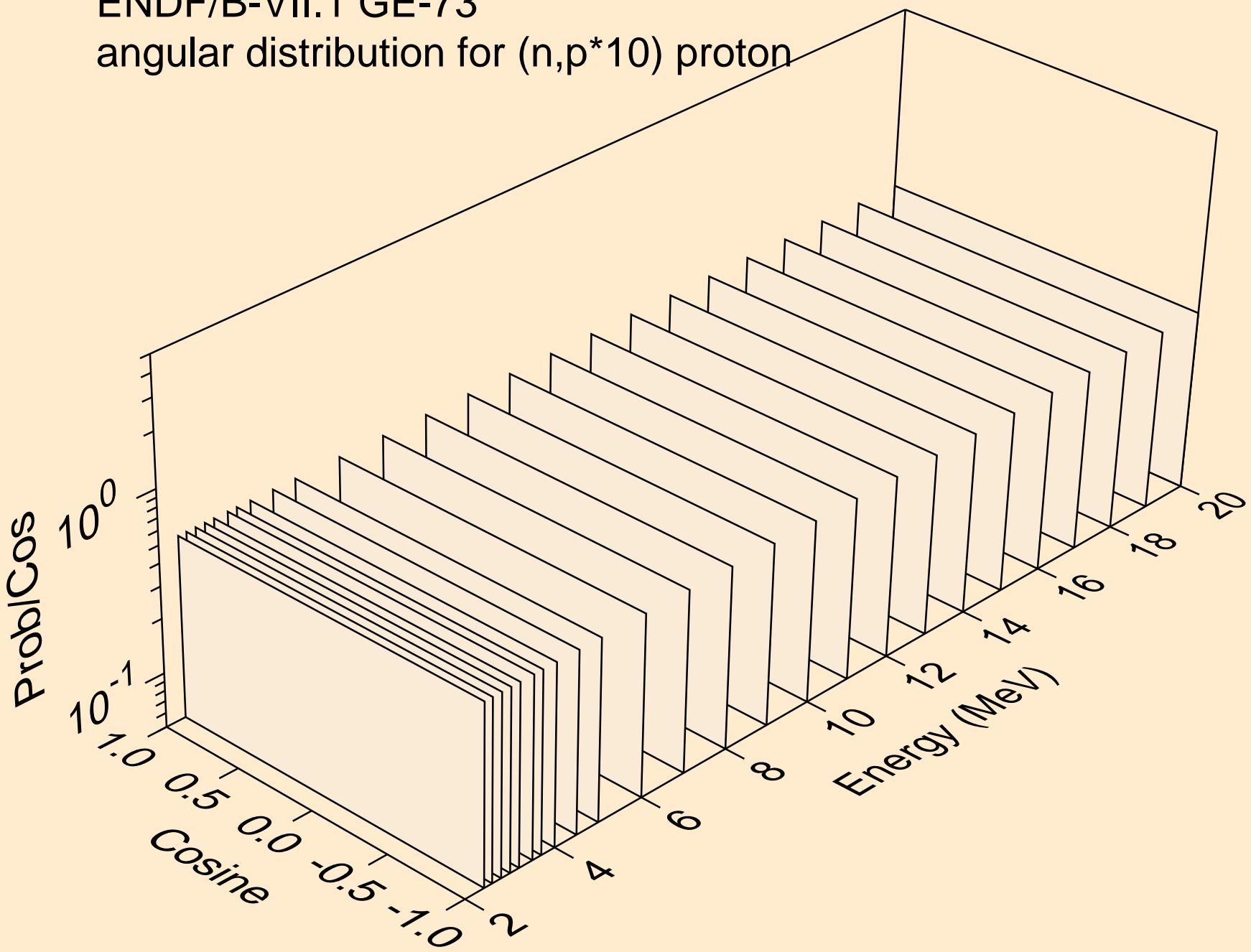
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angular distribution for  $(n,p^*8)$  proton



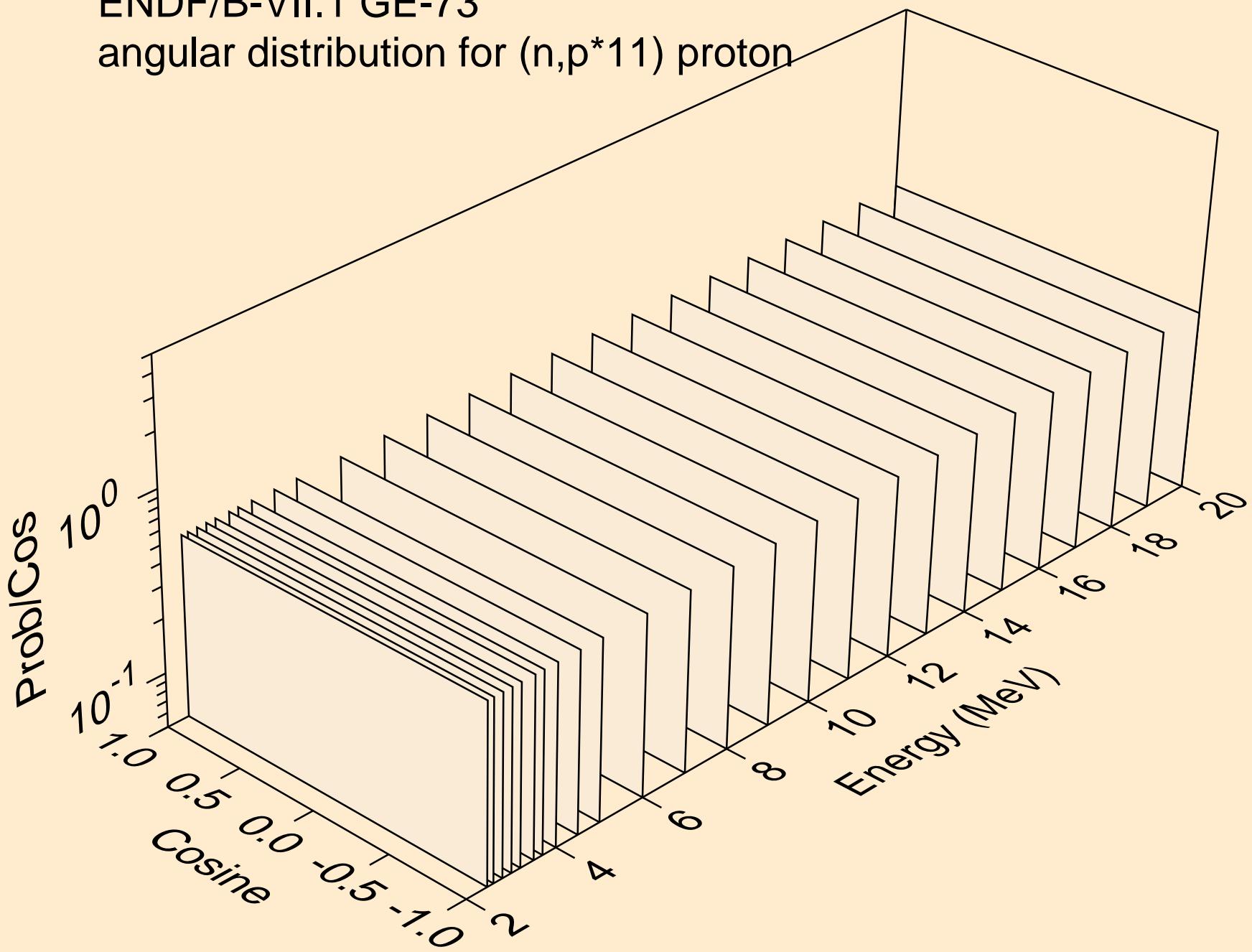
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angular distribution for  $(n,p^*9)$  proton



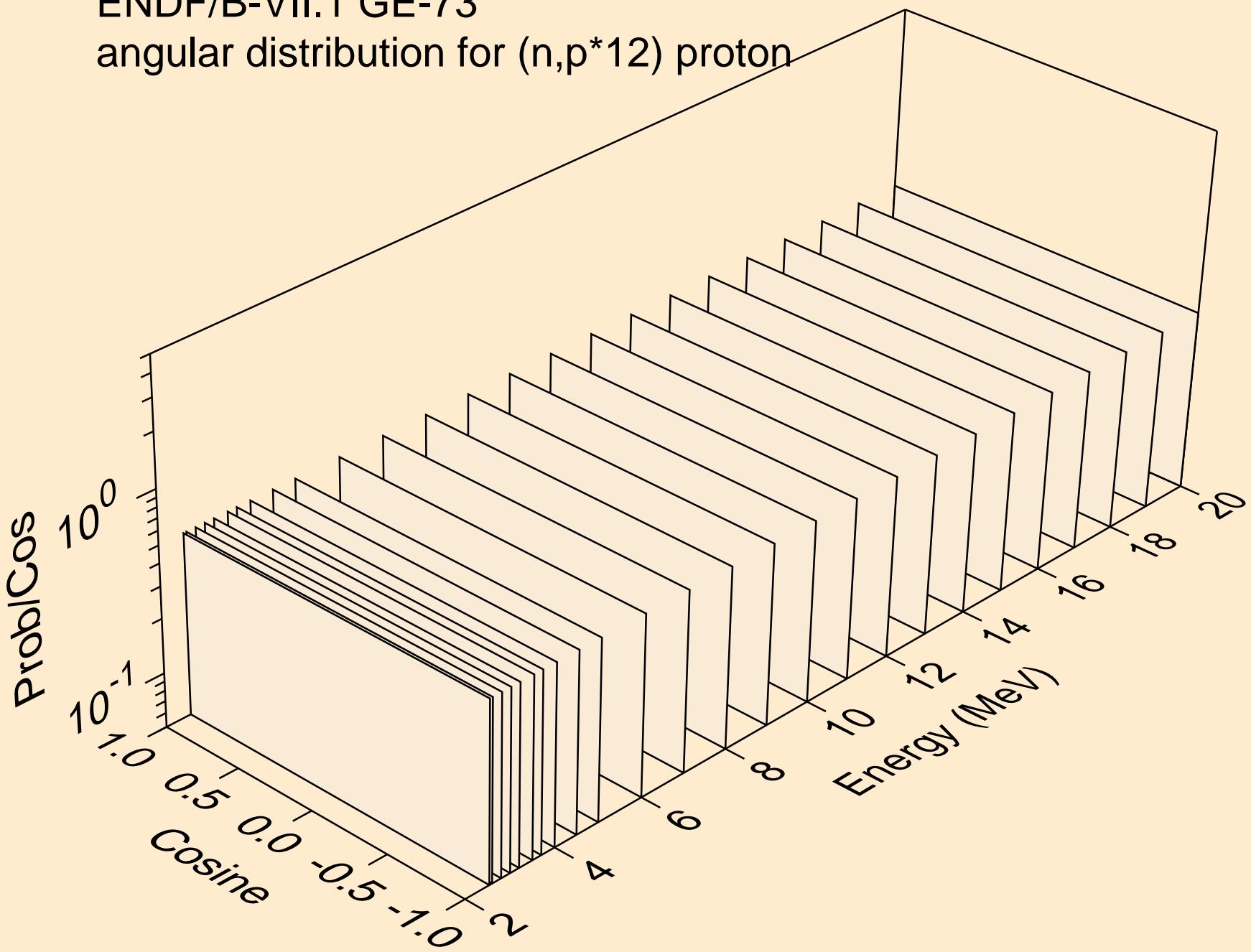
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angular distribution for ( $n,p^*10$ ) proton



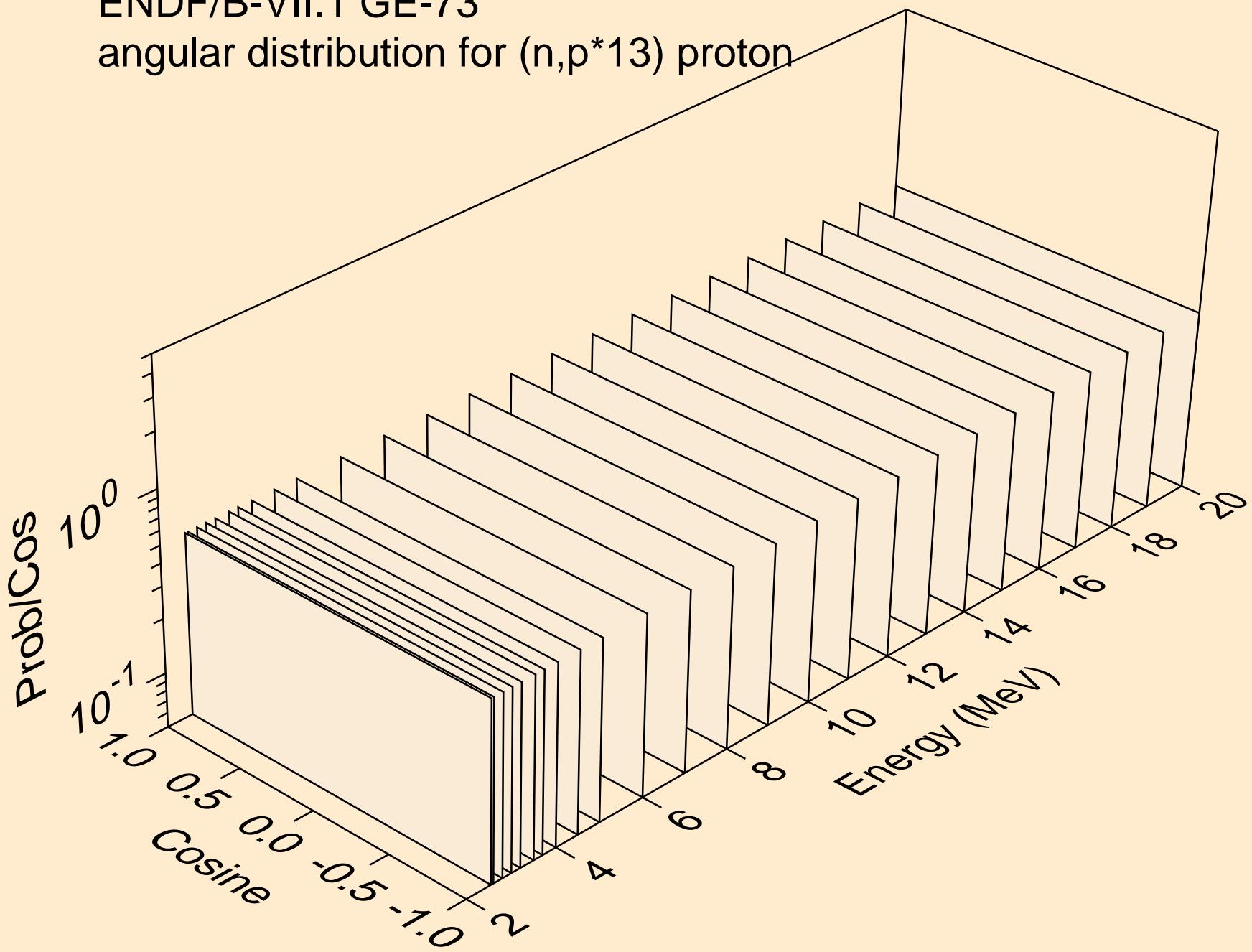
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angular distribution for ( $n,p^*11$ ) proton



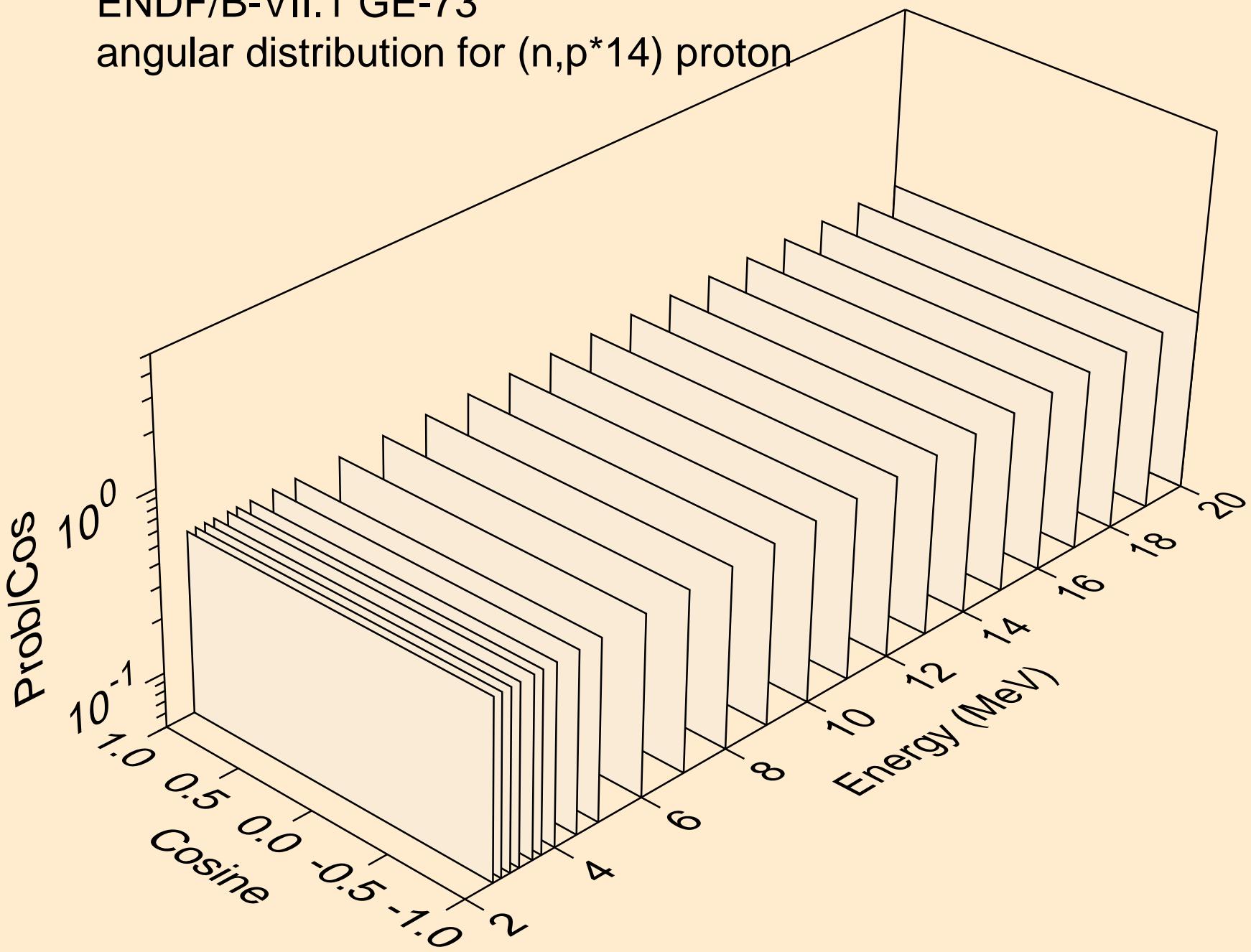
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angular distribution for ( $n,p^*12$ ) proton



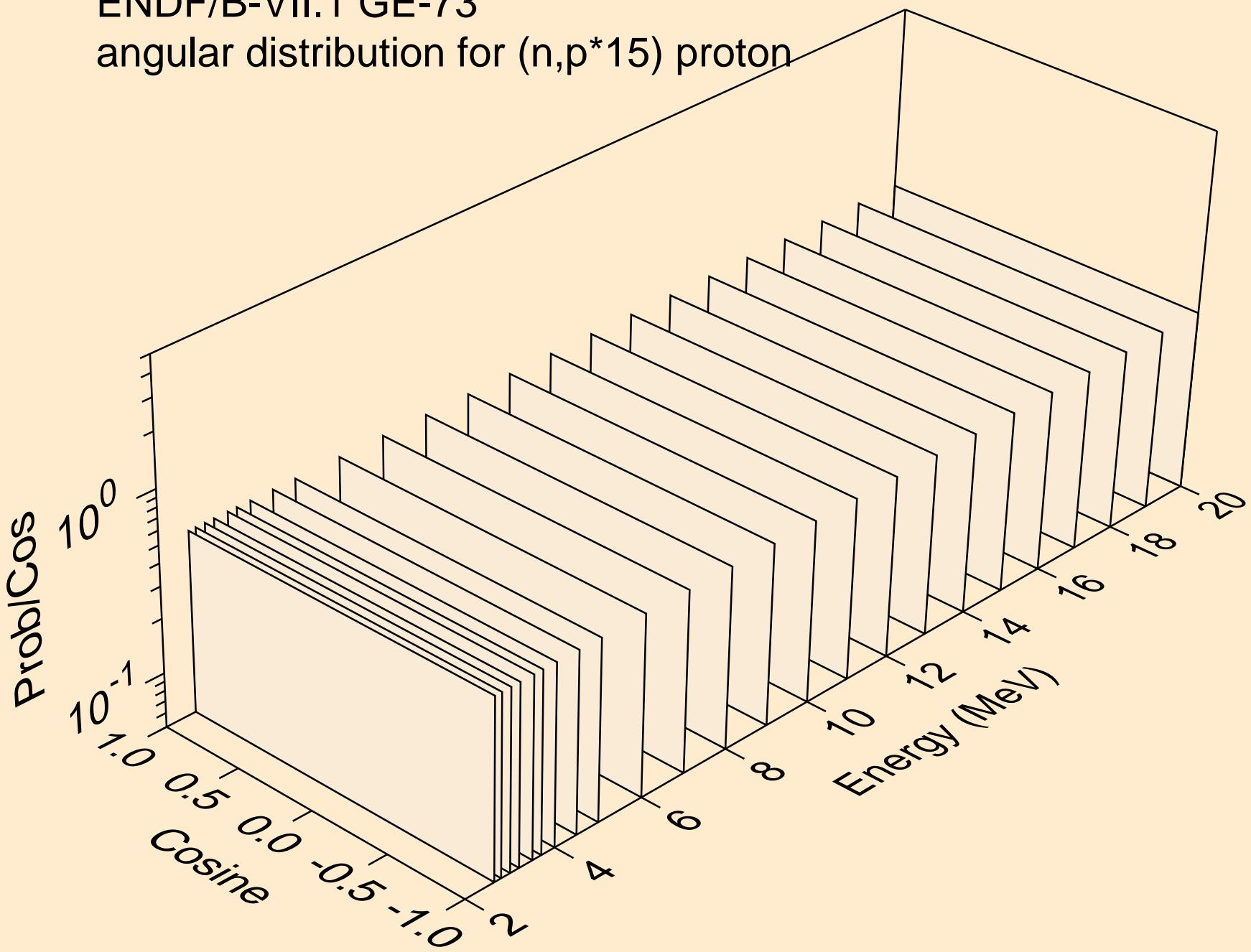
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angular distribution for ( $n,p^*13$ ) proton



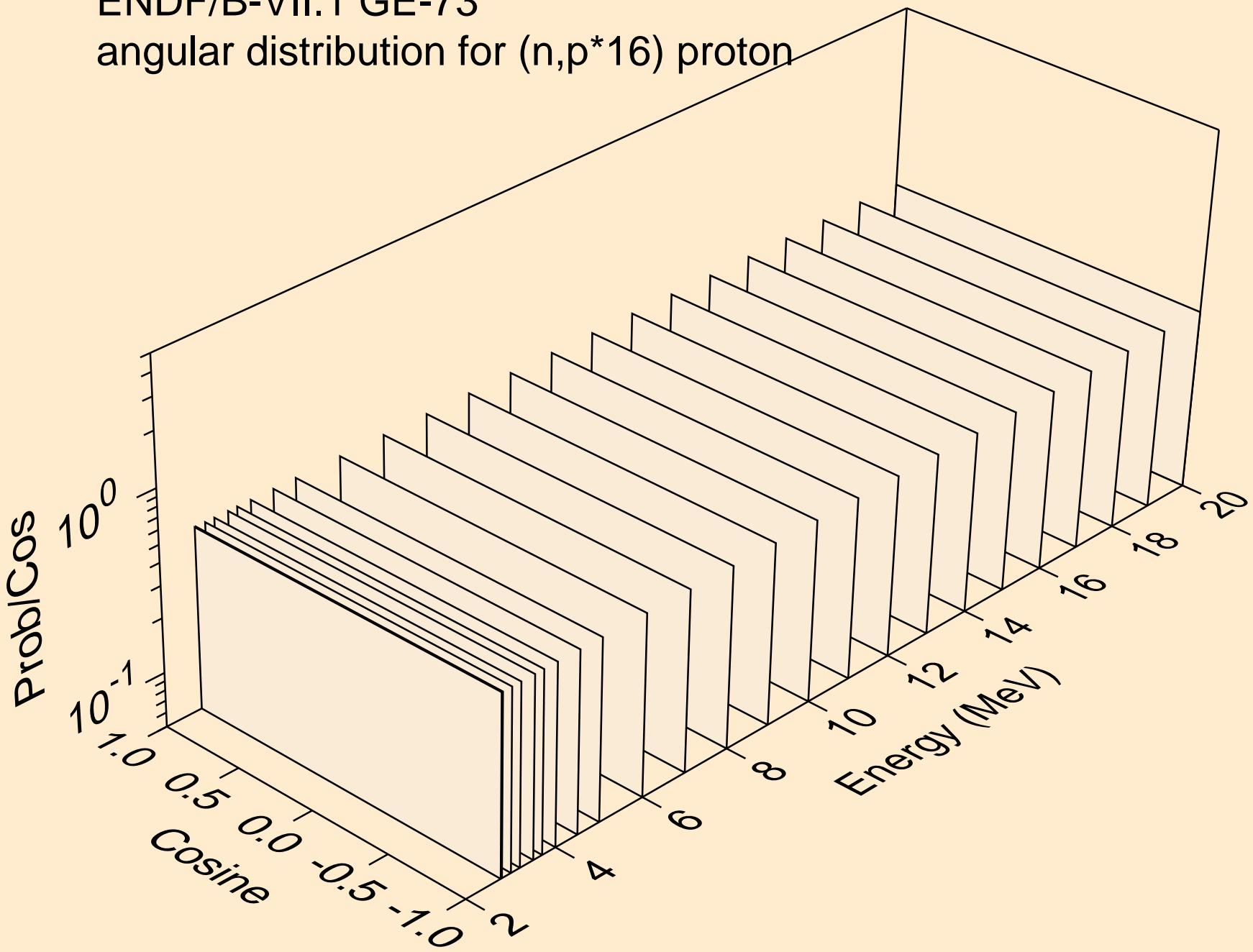
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angular distribution for ( $n,p^*14$ ) proton



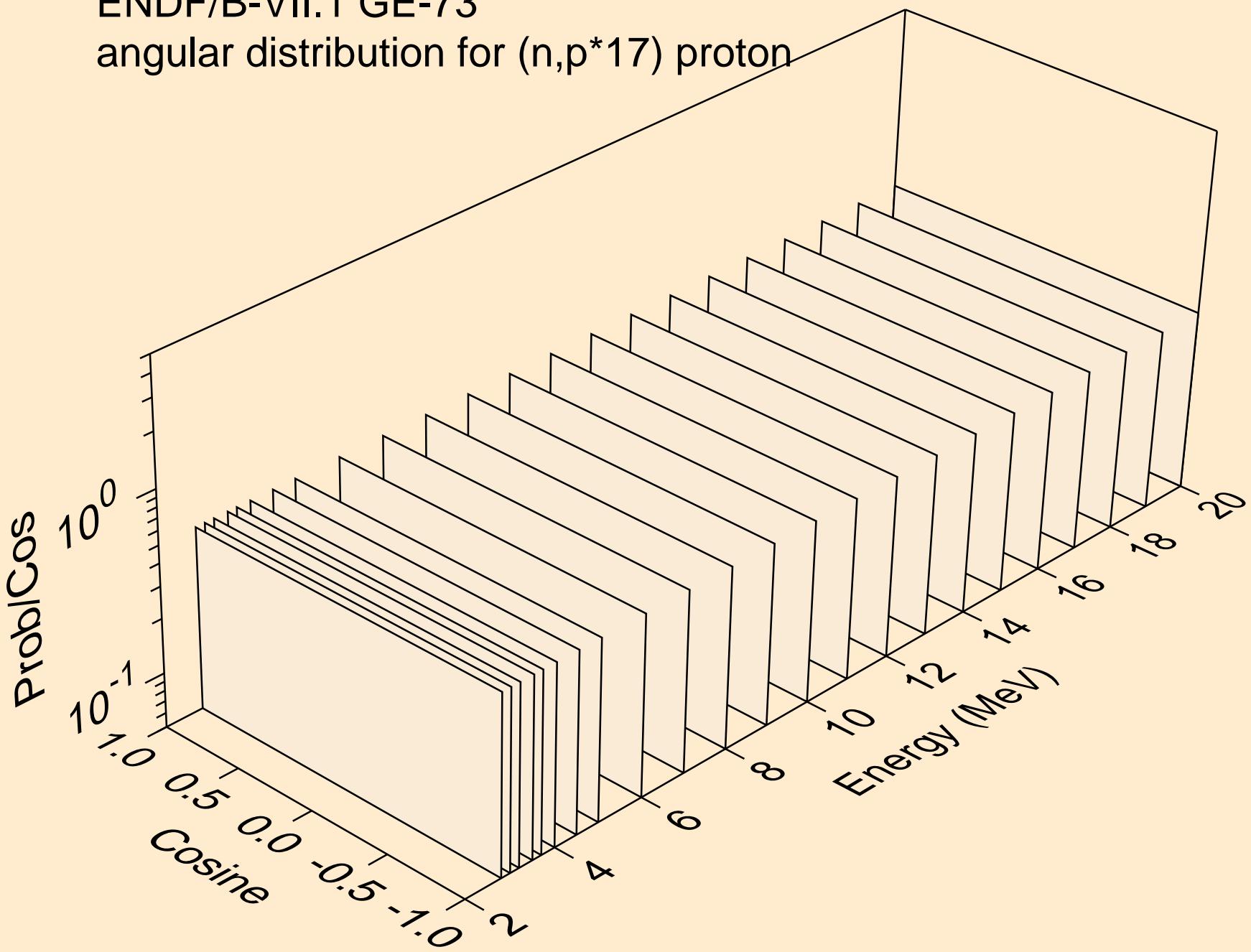
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angular distribution for ( $n,p^*15$ ) proton



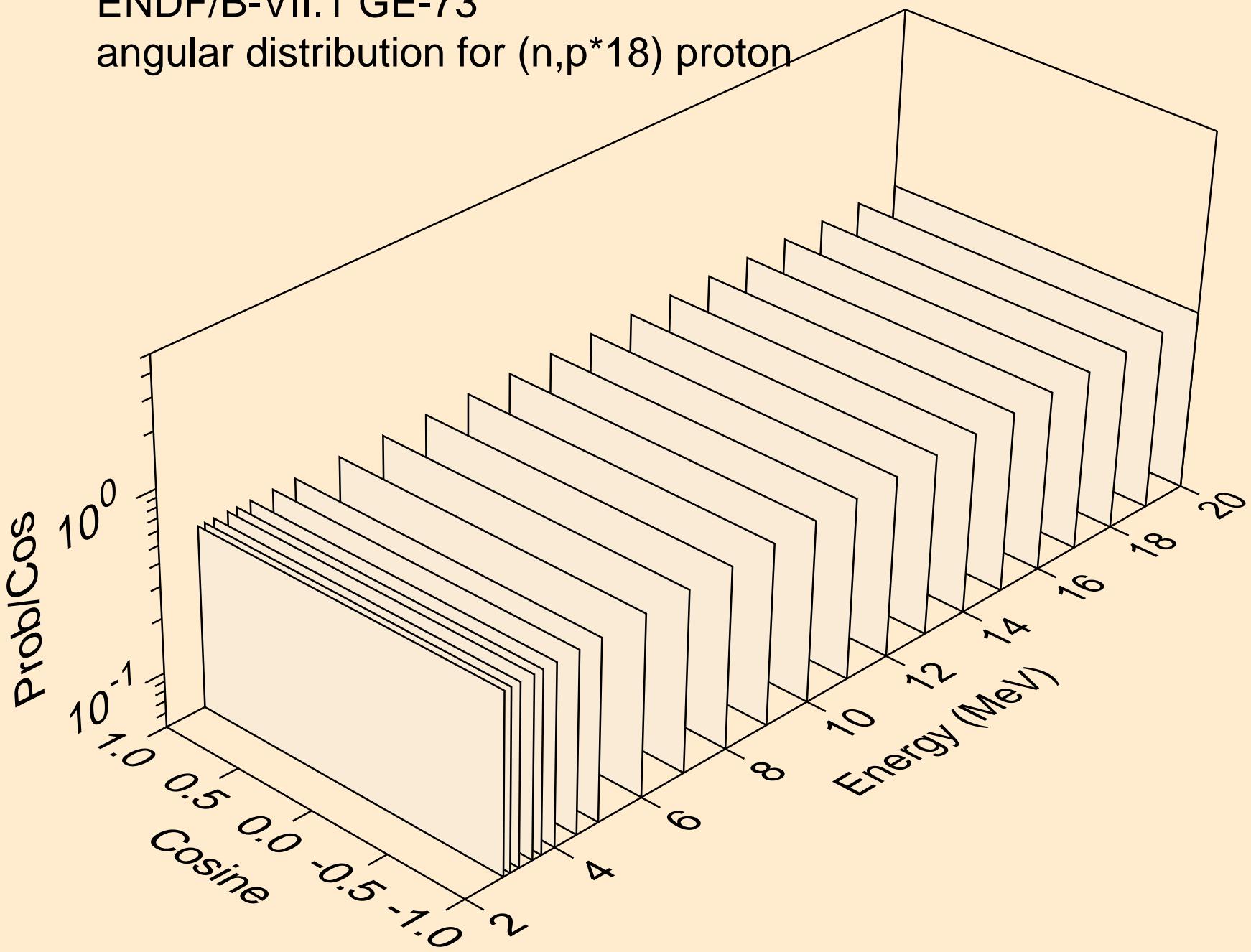
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angular distribution for ( $n,p^*16$ ) proton



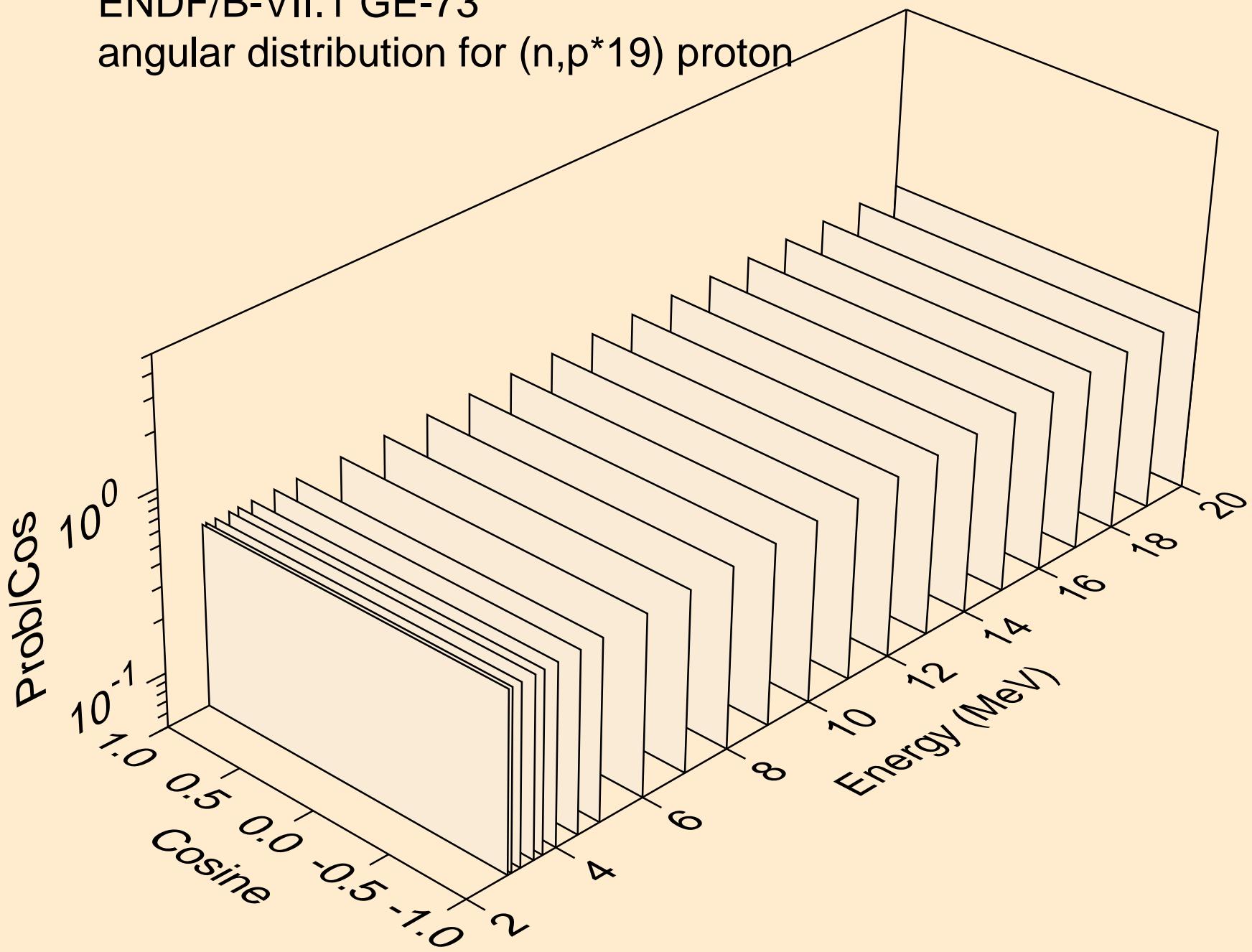
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angular distribution for ( $n,p^*17$ ) proton



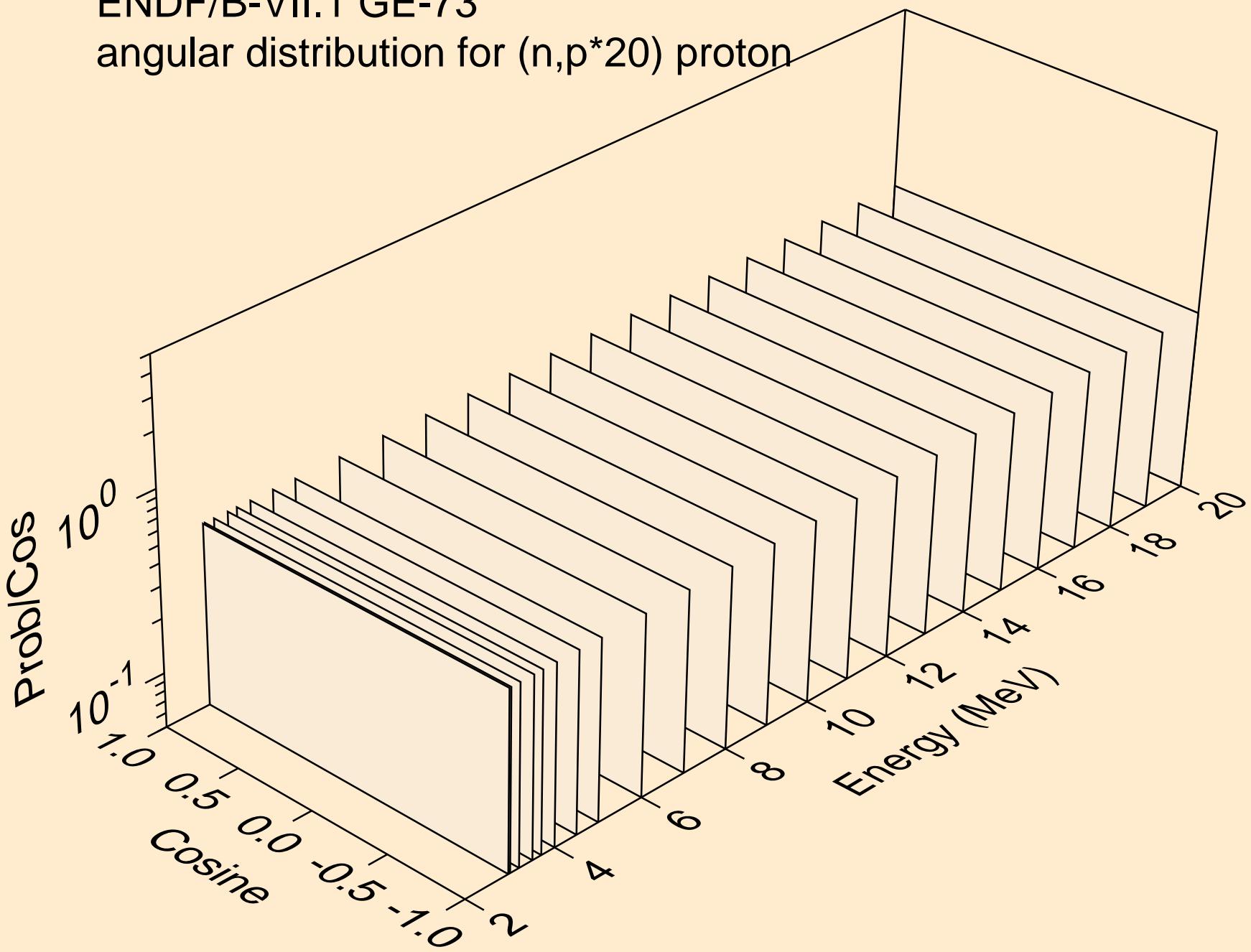
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angular distribution for ( $n,p^*18$ ) proton



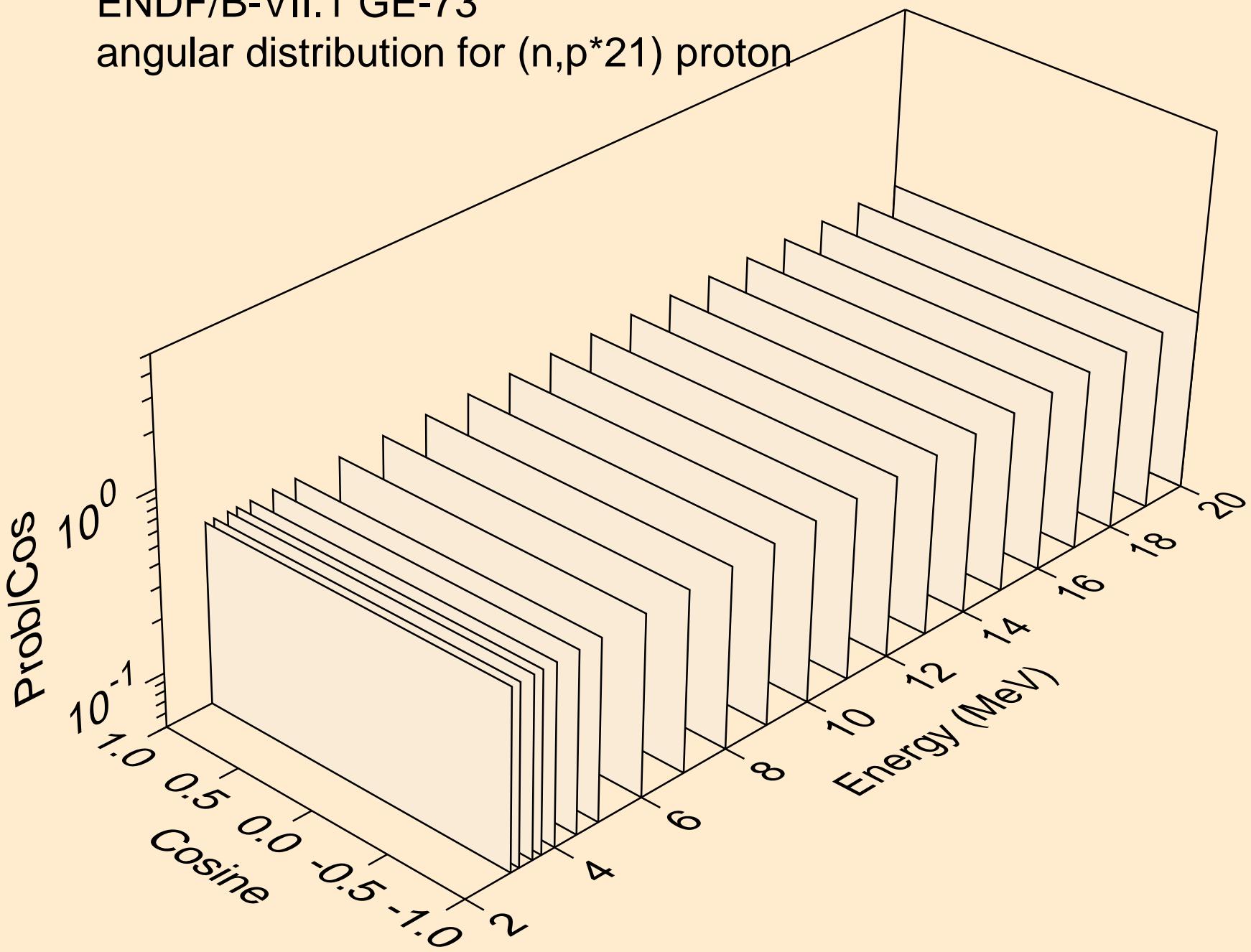
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angular distribution for ( $n,p^*19$ ) proton



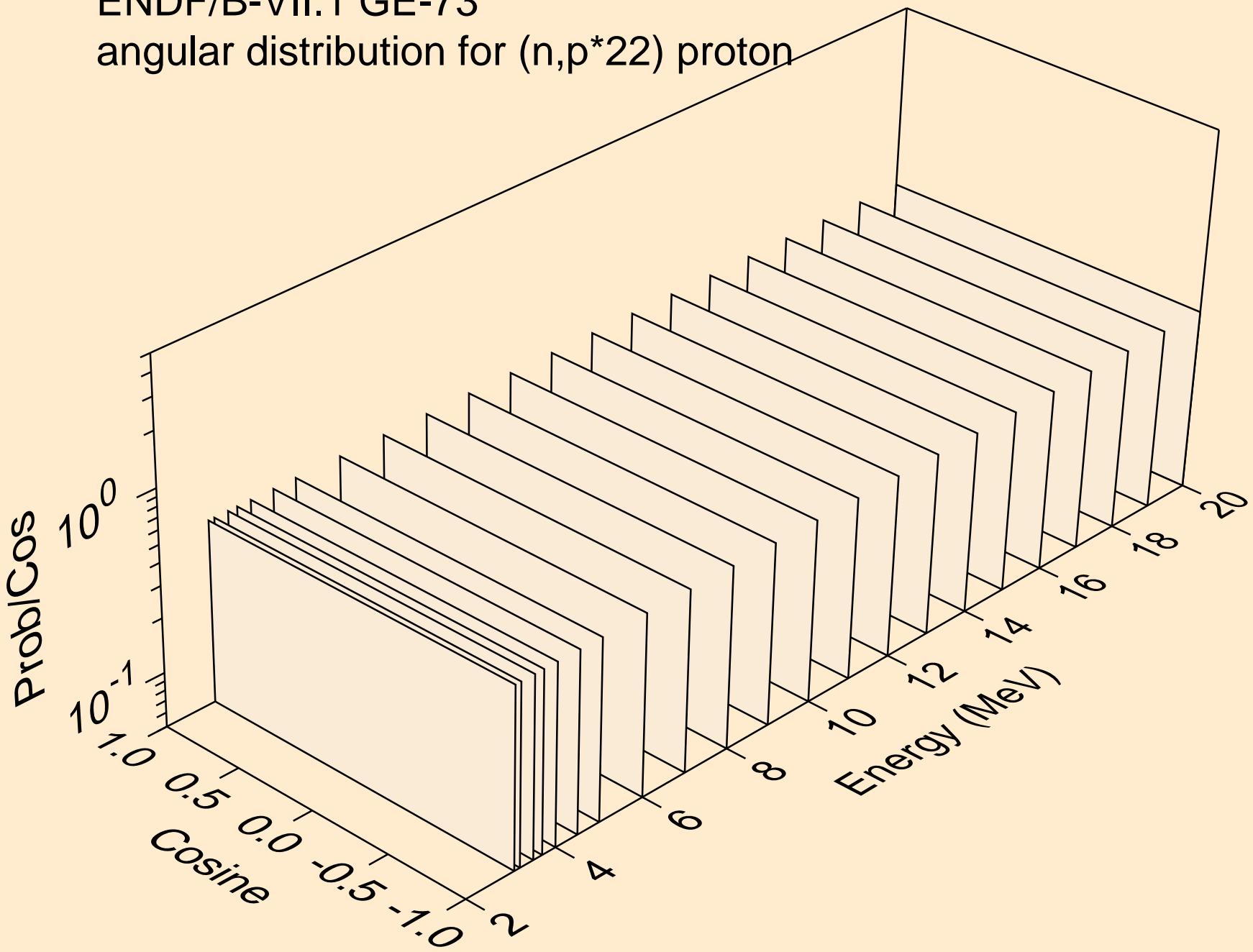
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angular distribution for ( $n,p^*20$ ) proton



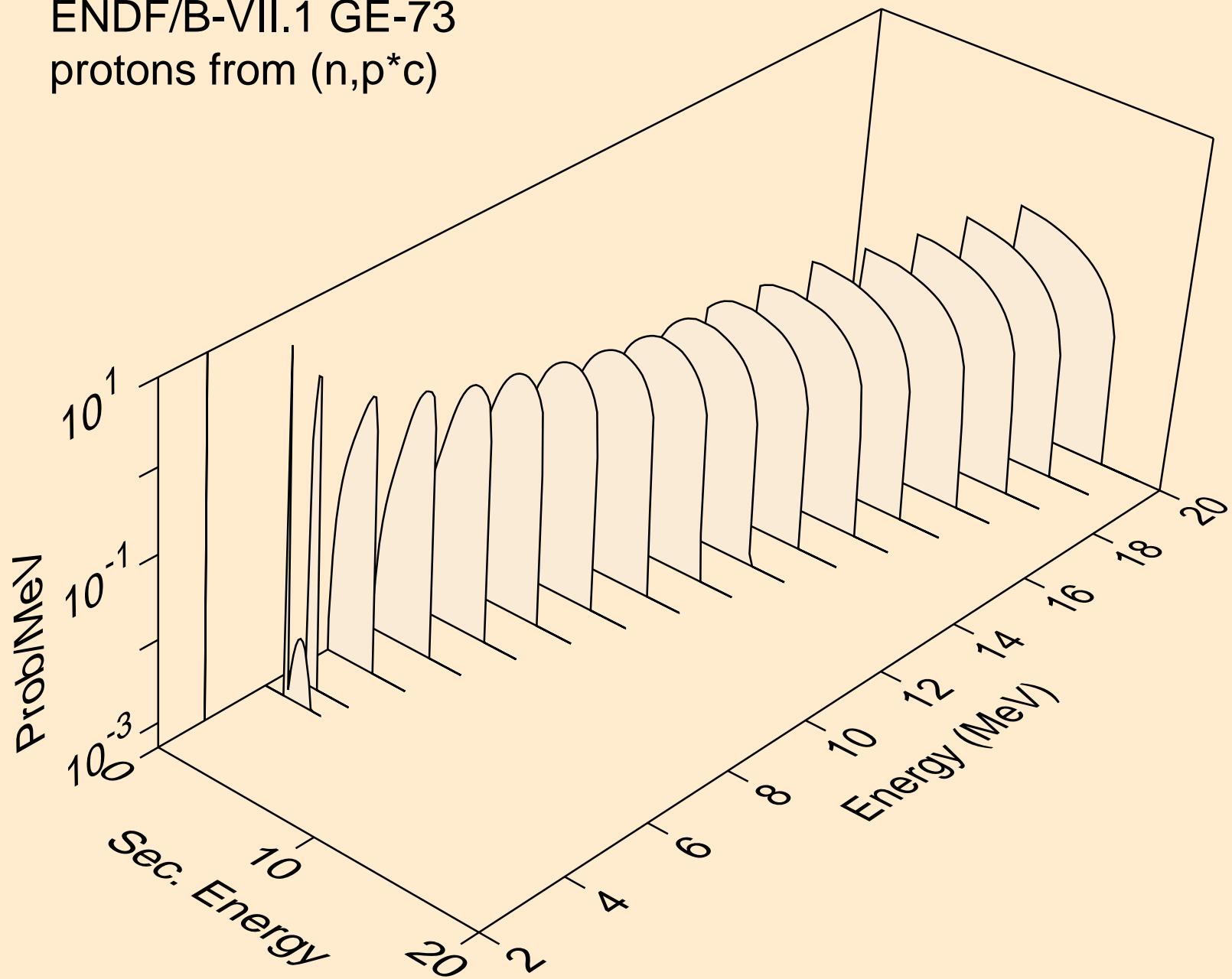
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angular distribution for ( $n,p^*21$ ) proton



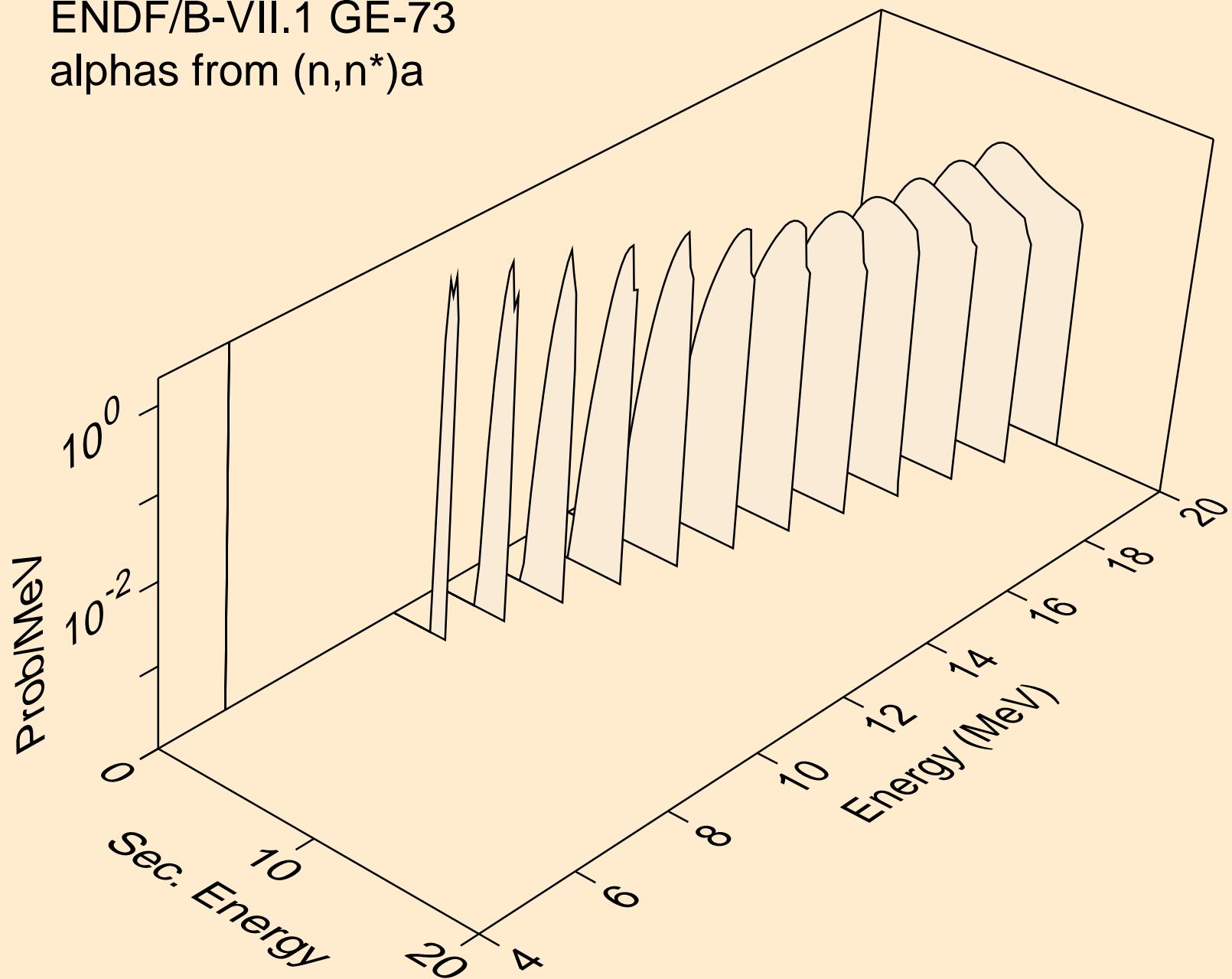
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angular distribution for ( $n,p^*22$ ) proton



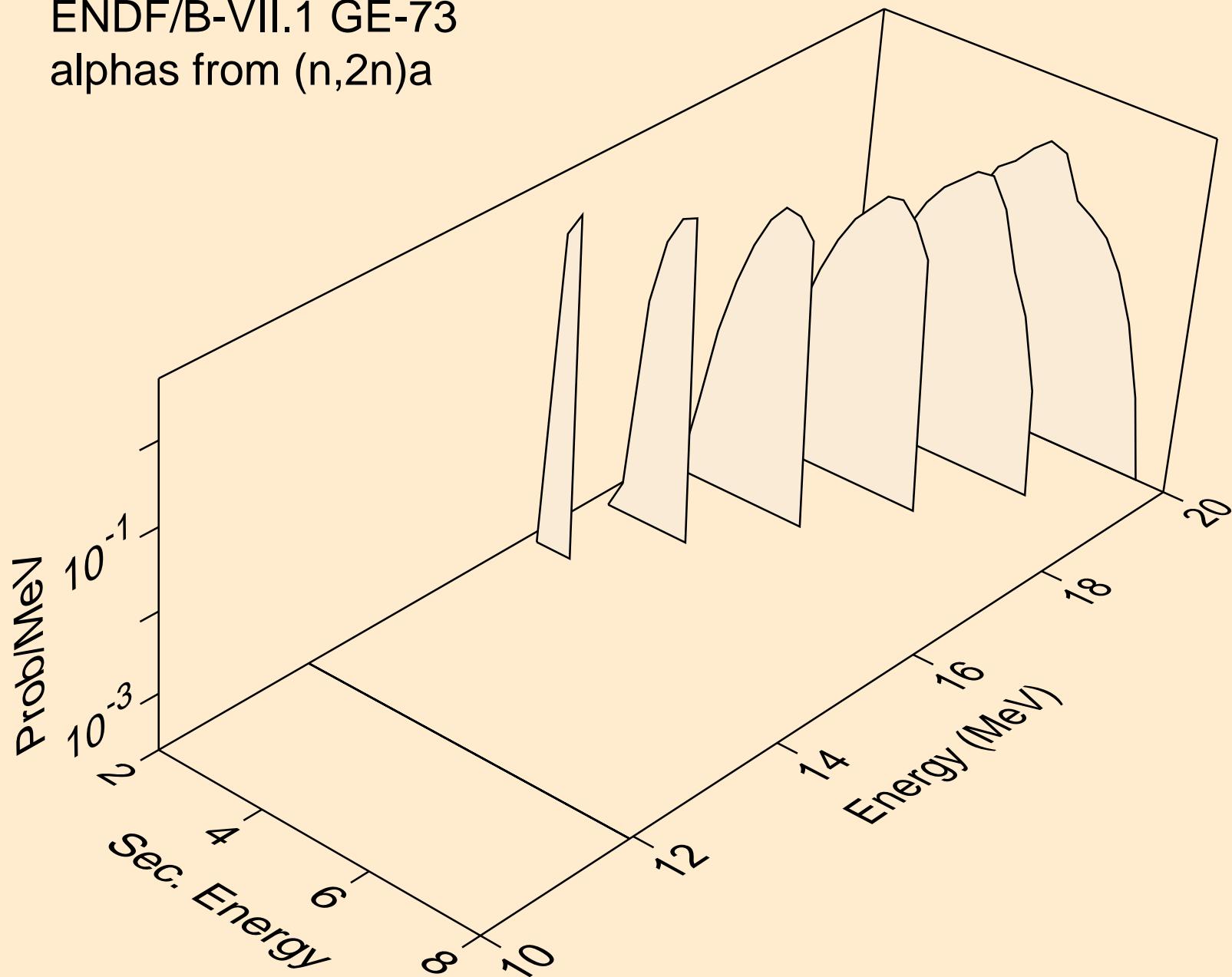
ENDF/B-VII.1 GE-73  
protons from  $(n, p^* c)$



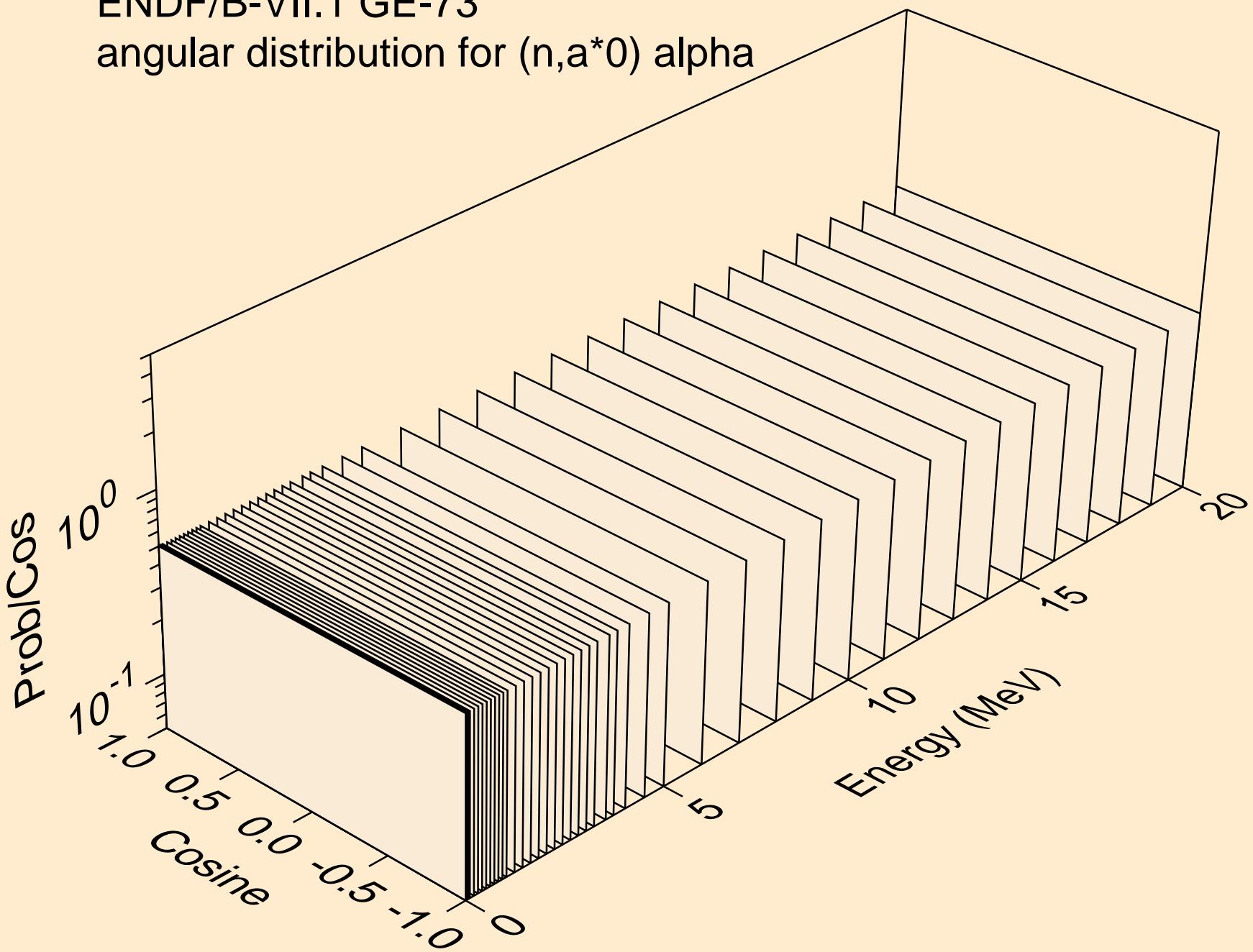
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alphas from  $(n,n^*)a$



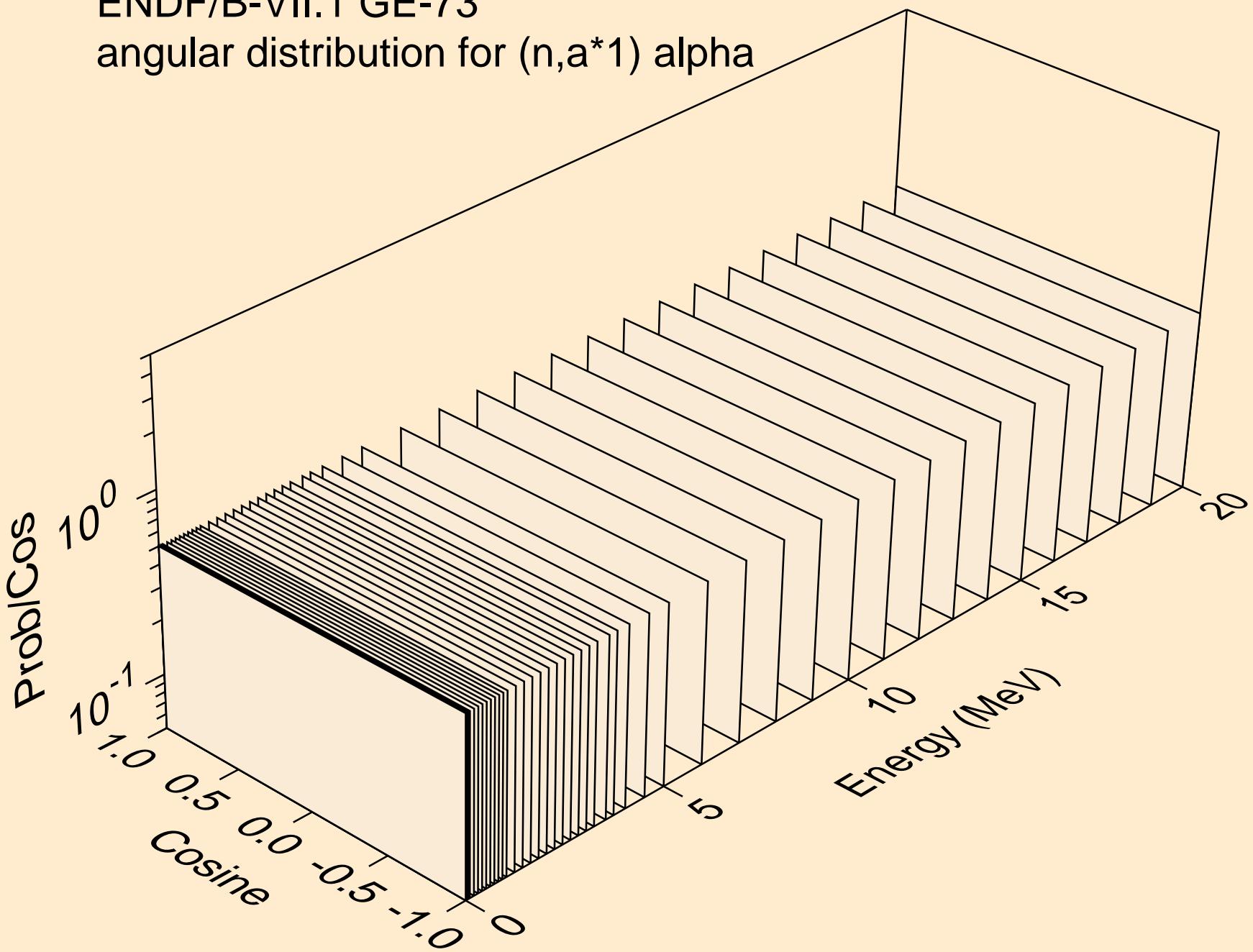
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alphas from  $(n,2n)a$



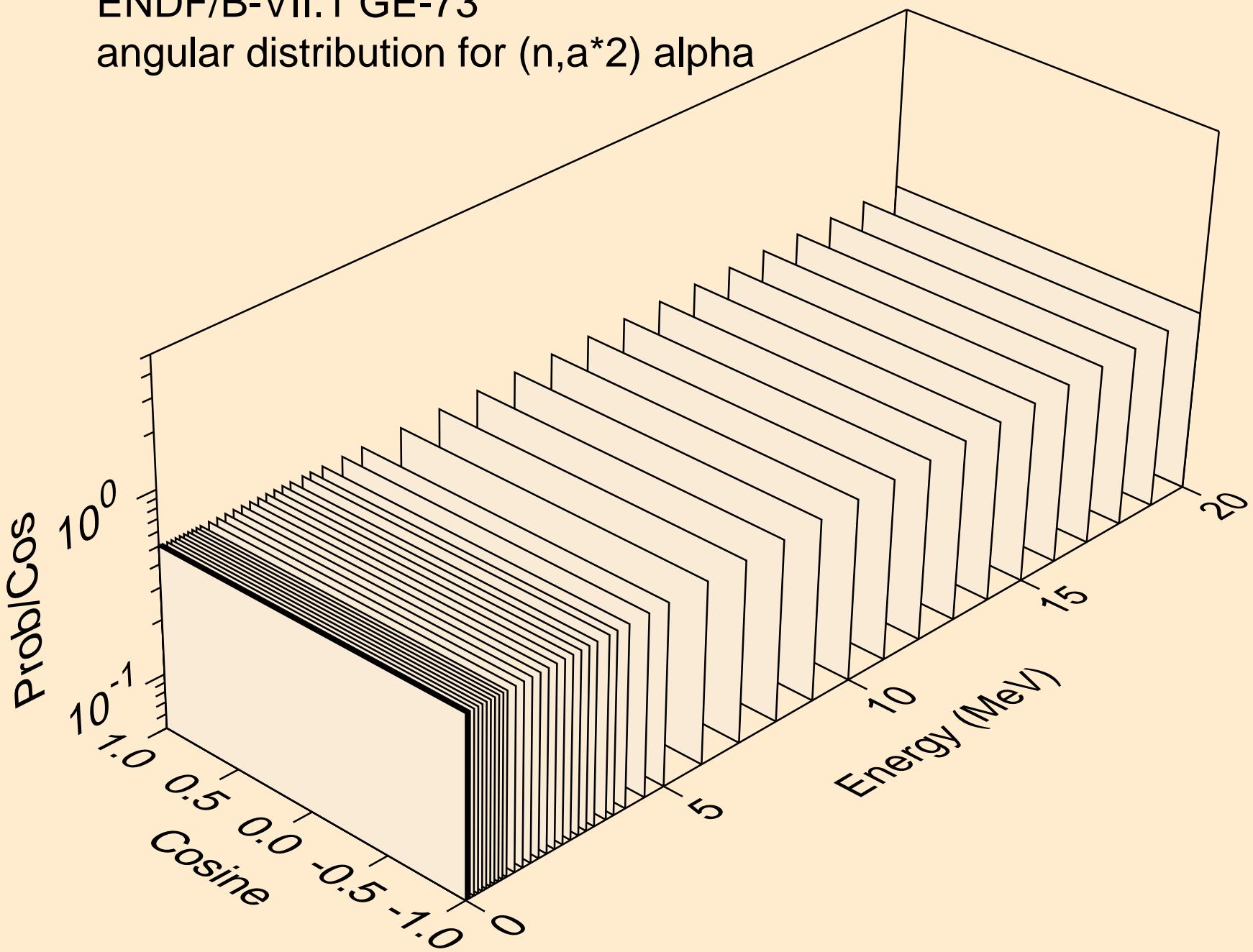
ENDF/B-VII.1 GE-73  
angular distribution for ( $n,a^*0$ ) alpha



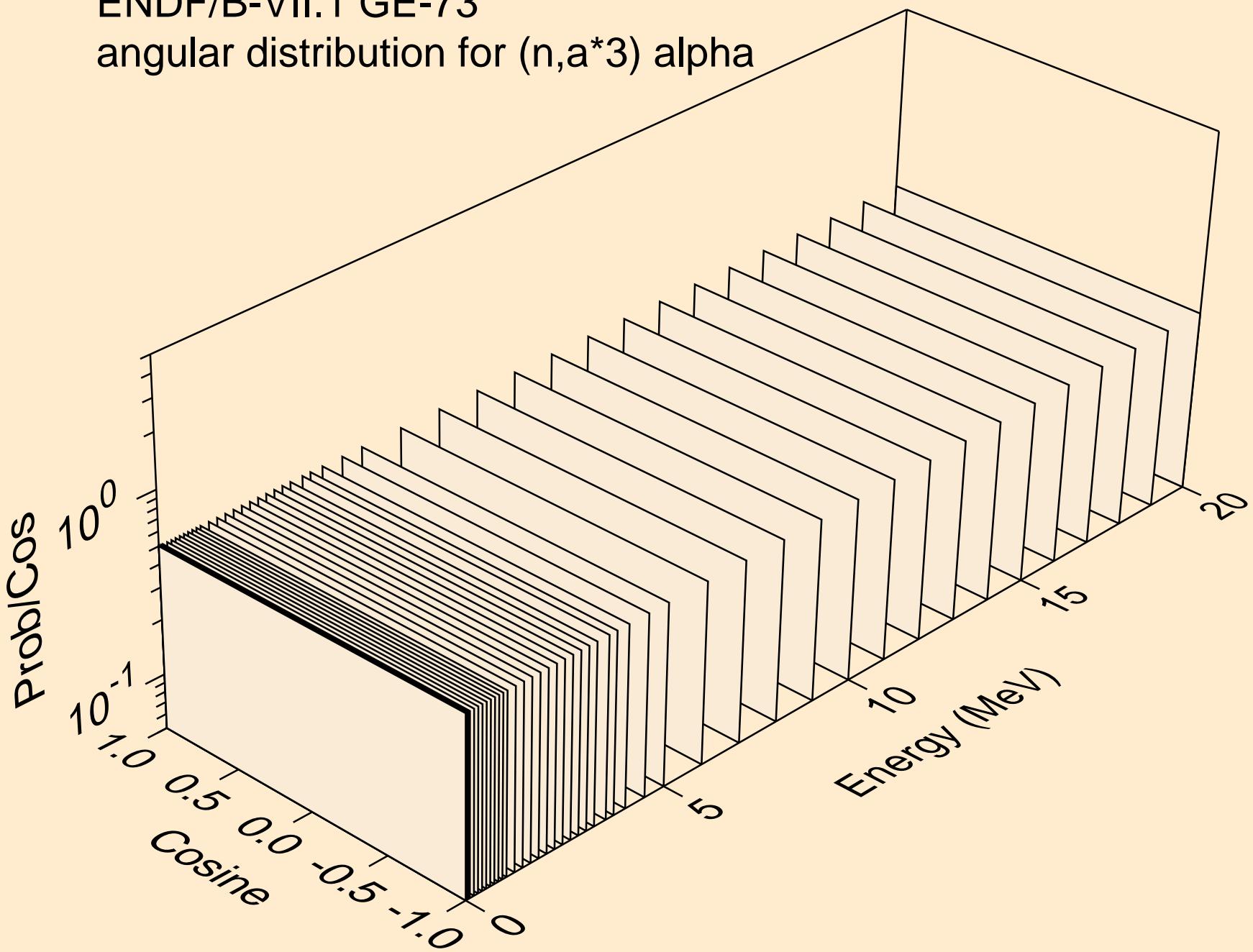
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angular distribution for (n,a\*1) alpha



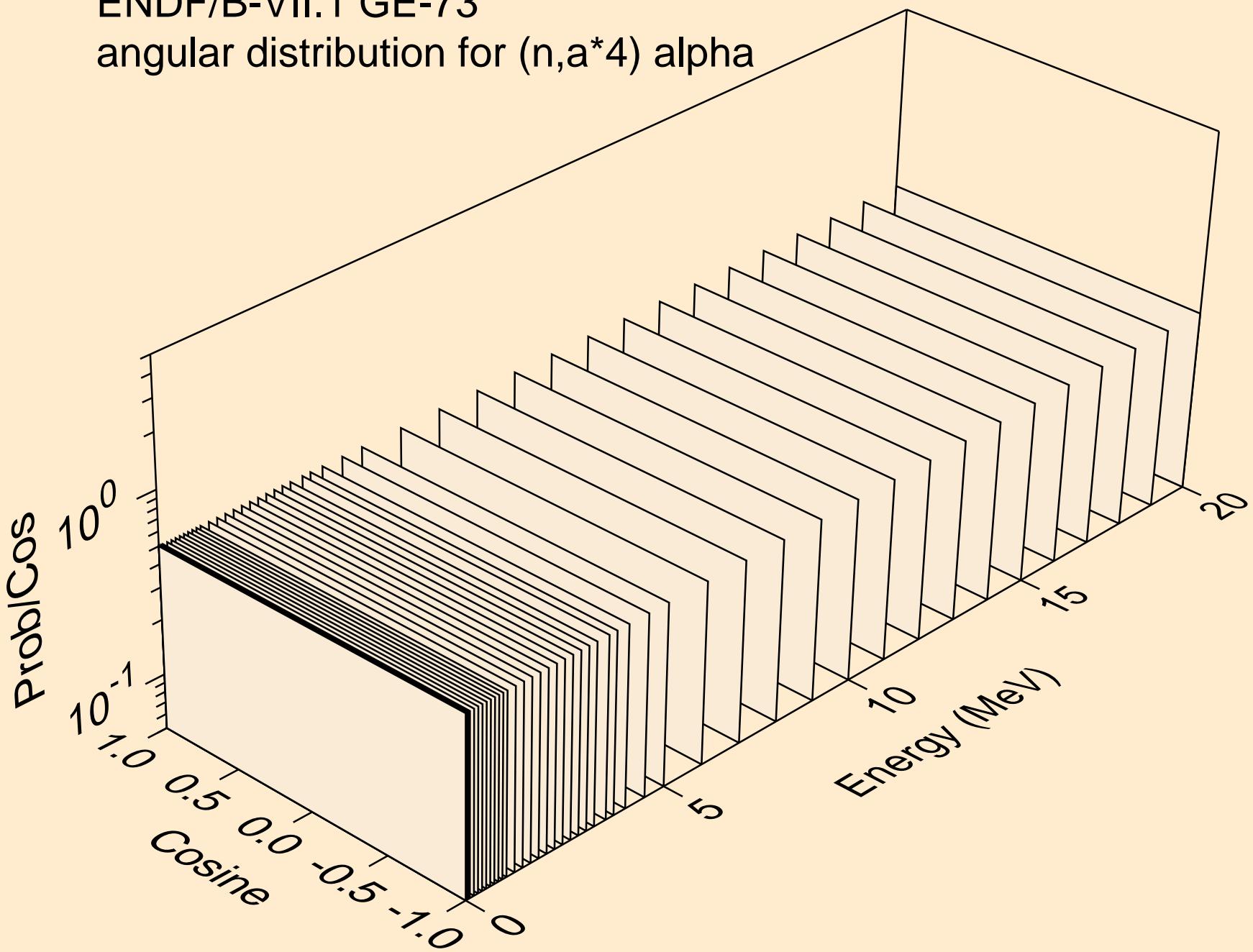
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angular distribution for  $(n,a^*)$  alpha



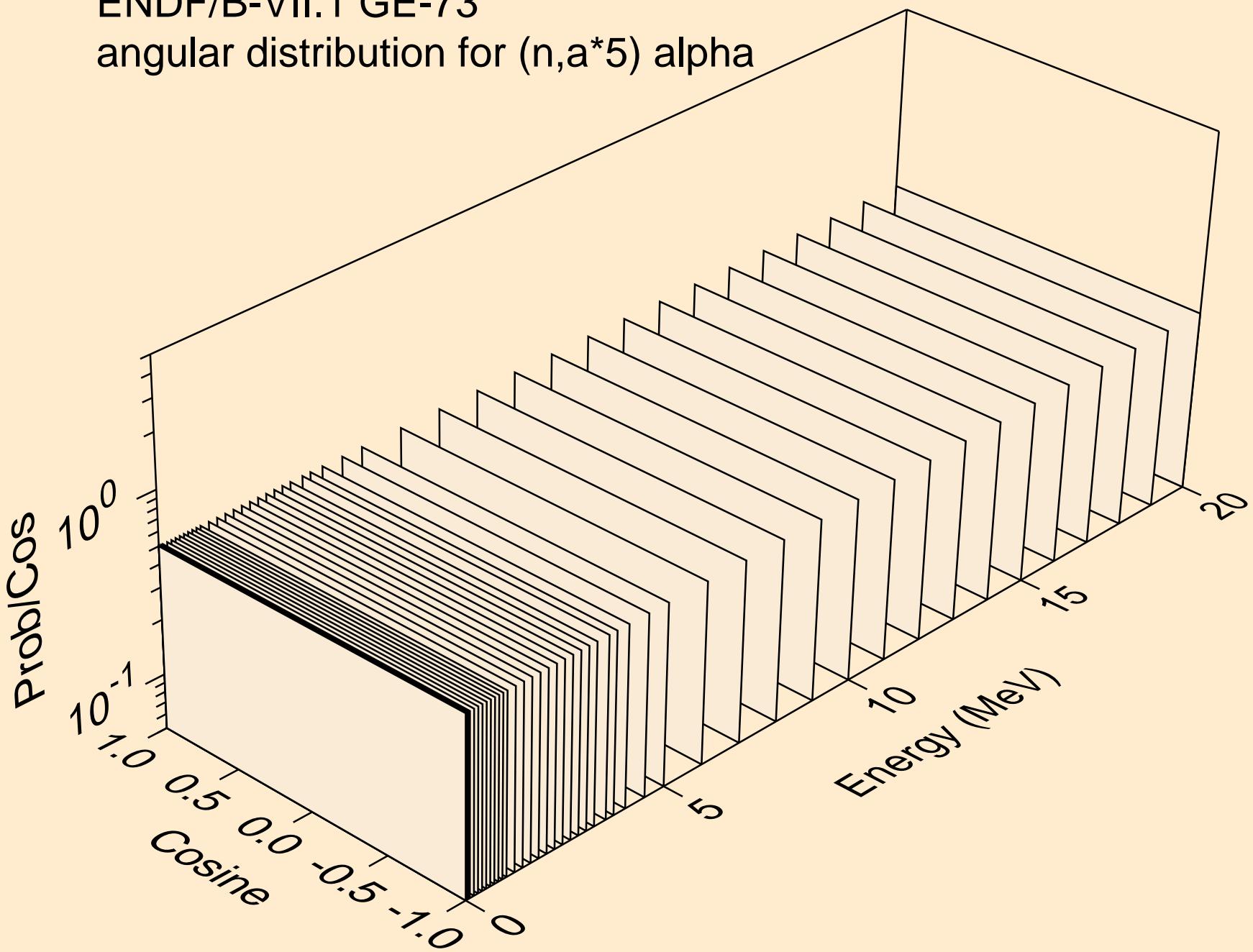
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angular distribution for ( $n, a^* 3$ ) alpha



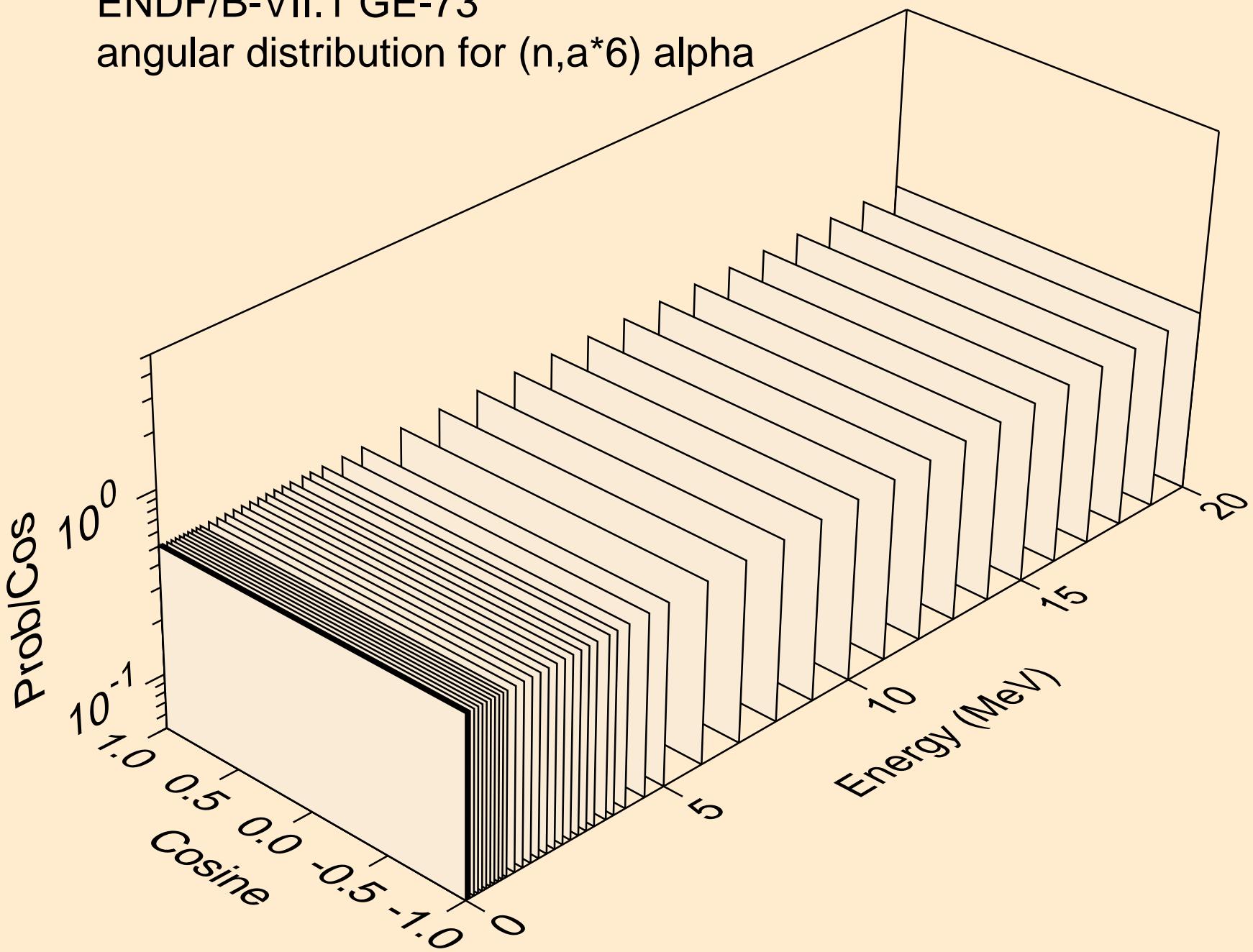
ENDF/B-VII.1 GE-73  
angular distribution for ( $n,a^*4$ ) alpha



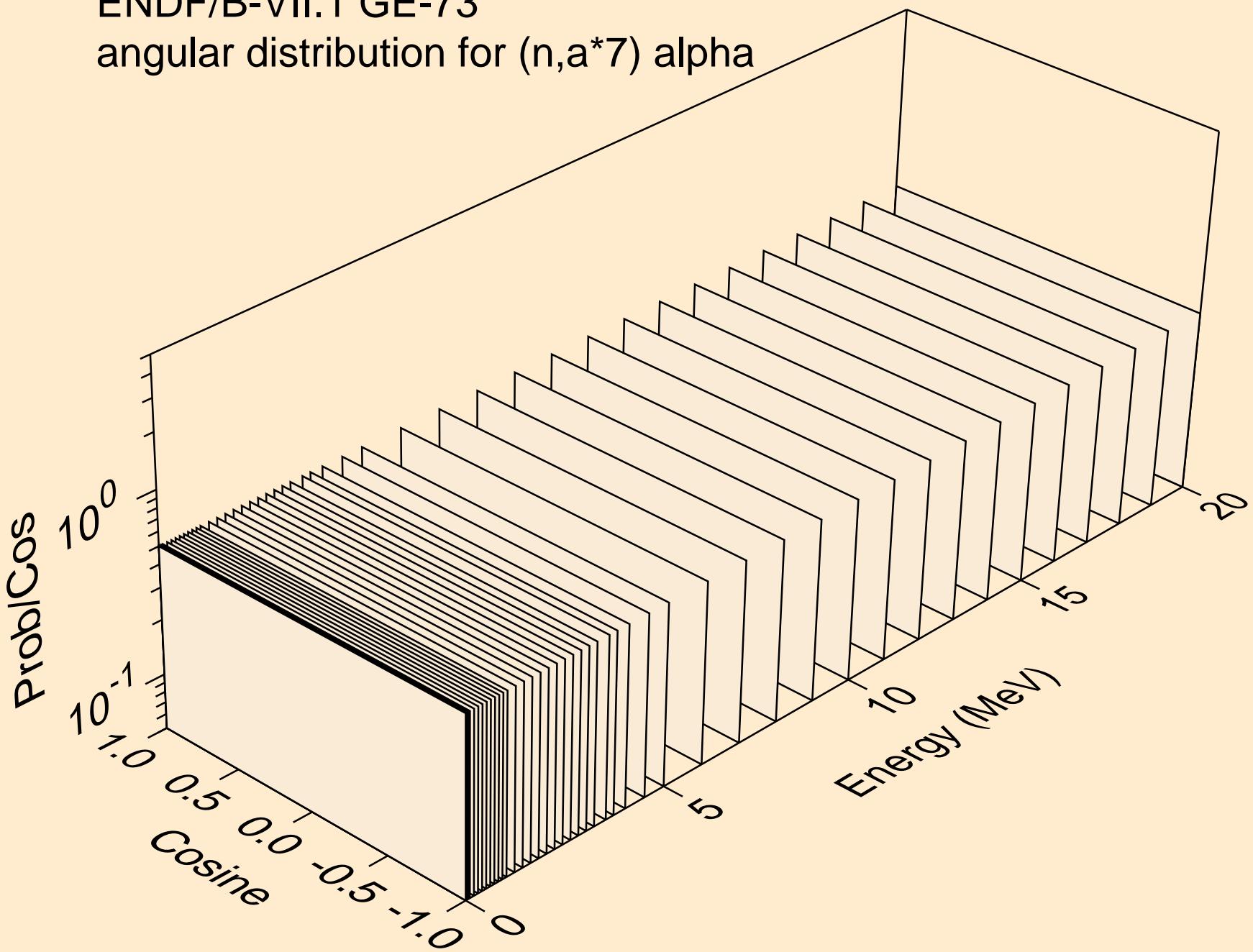
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angular distribution for (n,a\*5) alpha



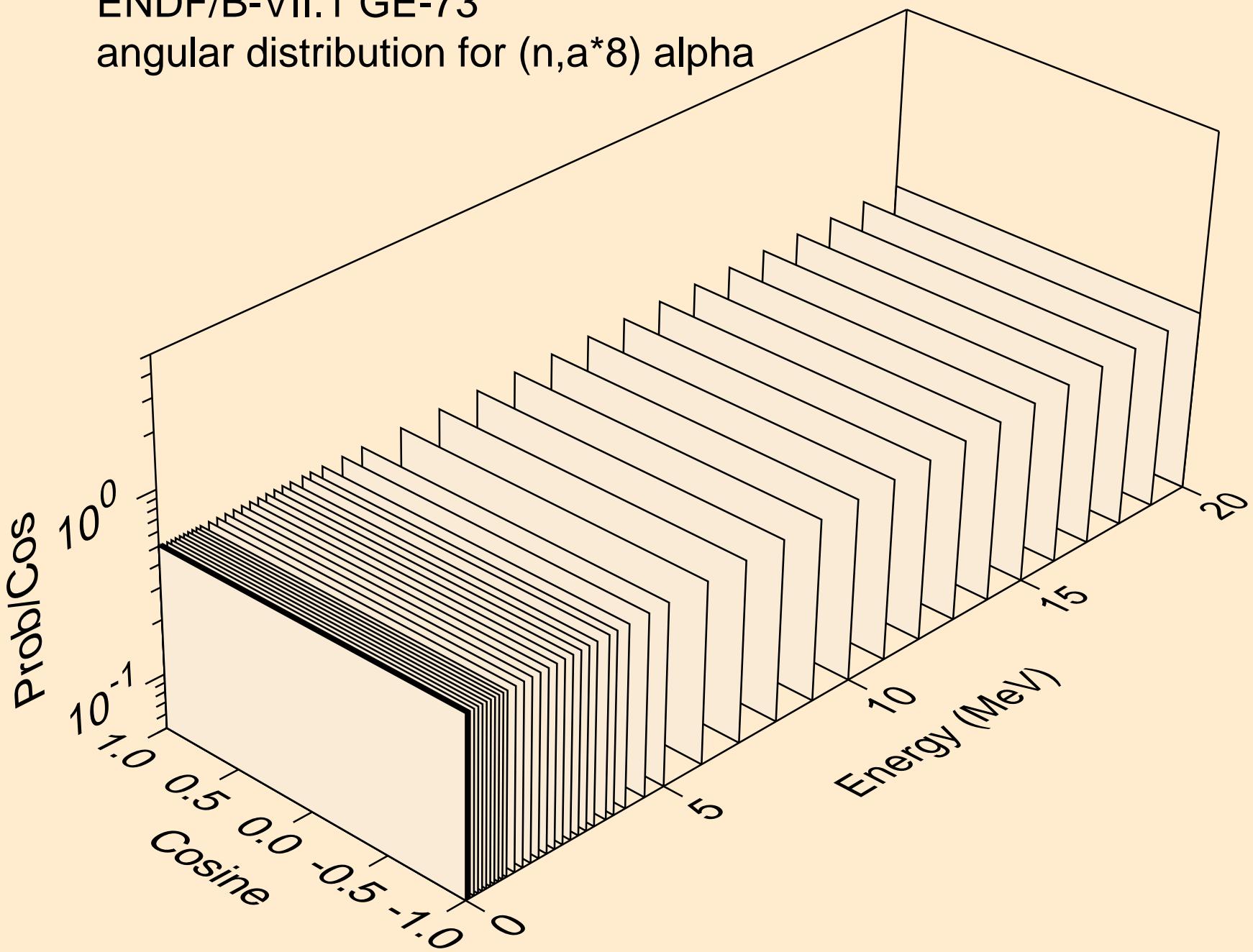
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angular distribution for (n,a\*6) alpha



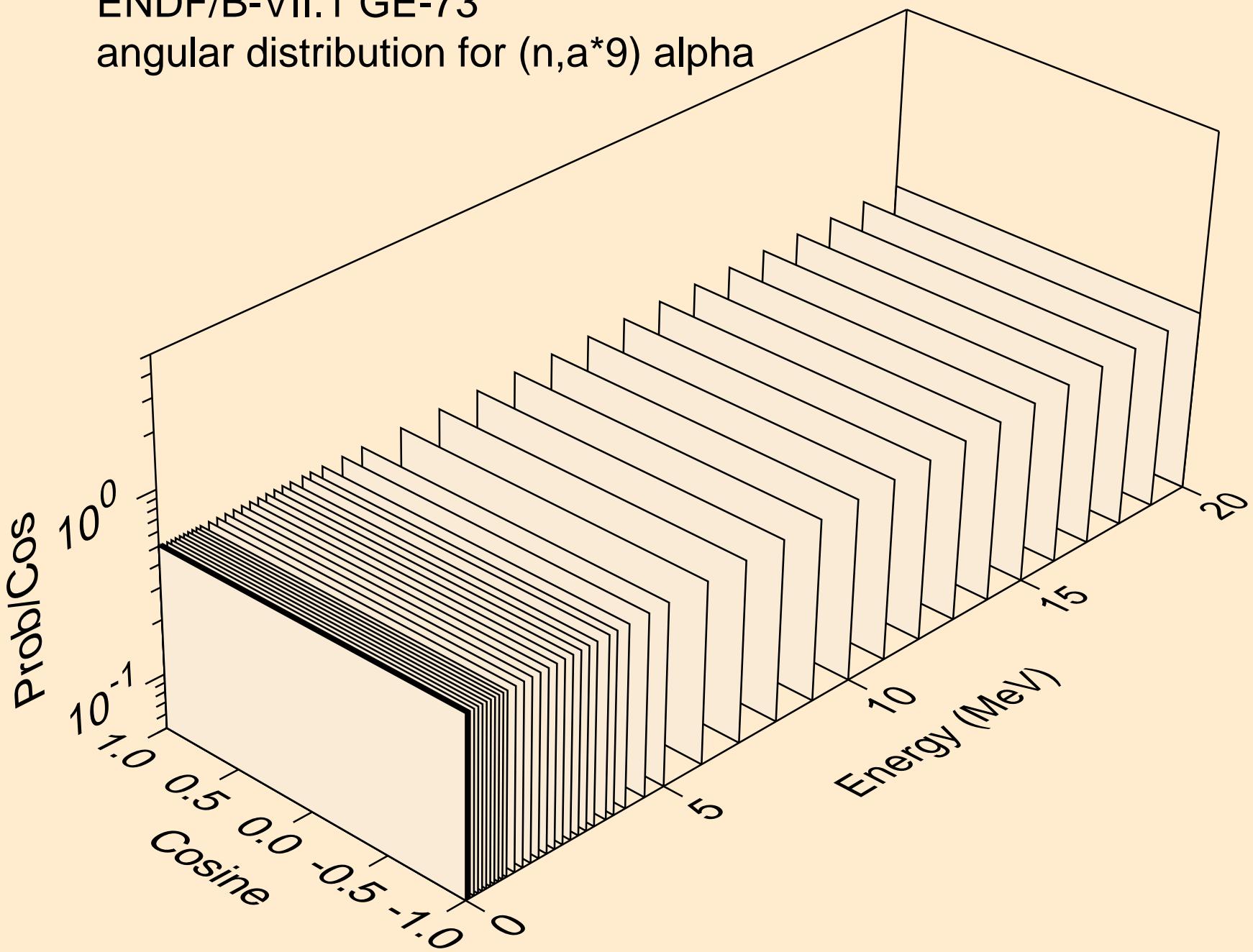
ENDF/B-VII.1 GE-73  
angular distribution for ( $n,a^*7$ ) alpha



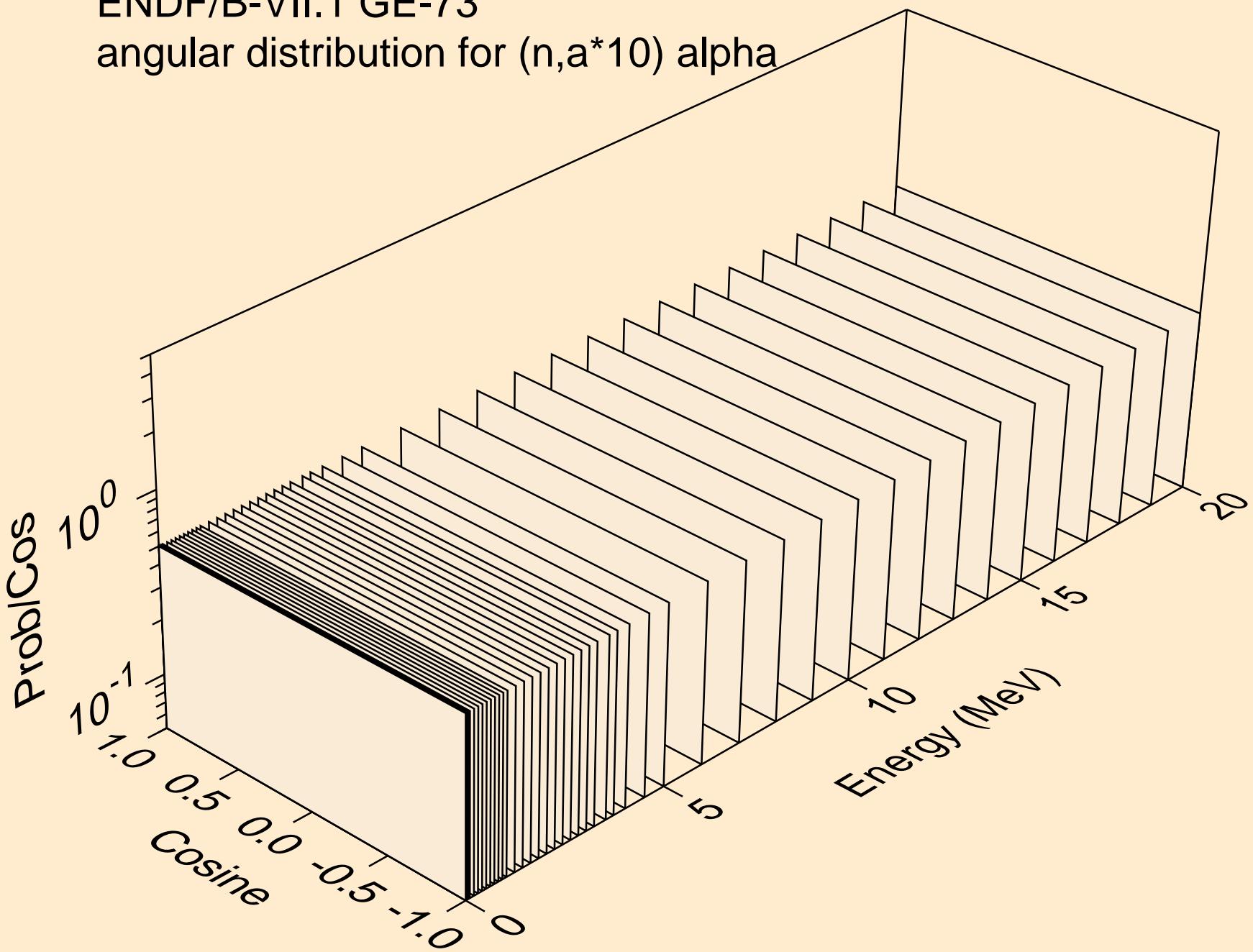
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angular distribution for (n,a\*8) alpha



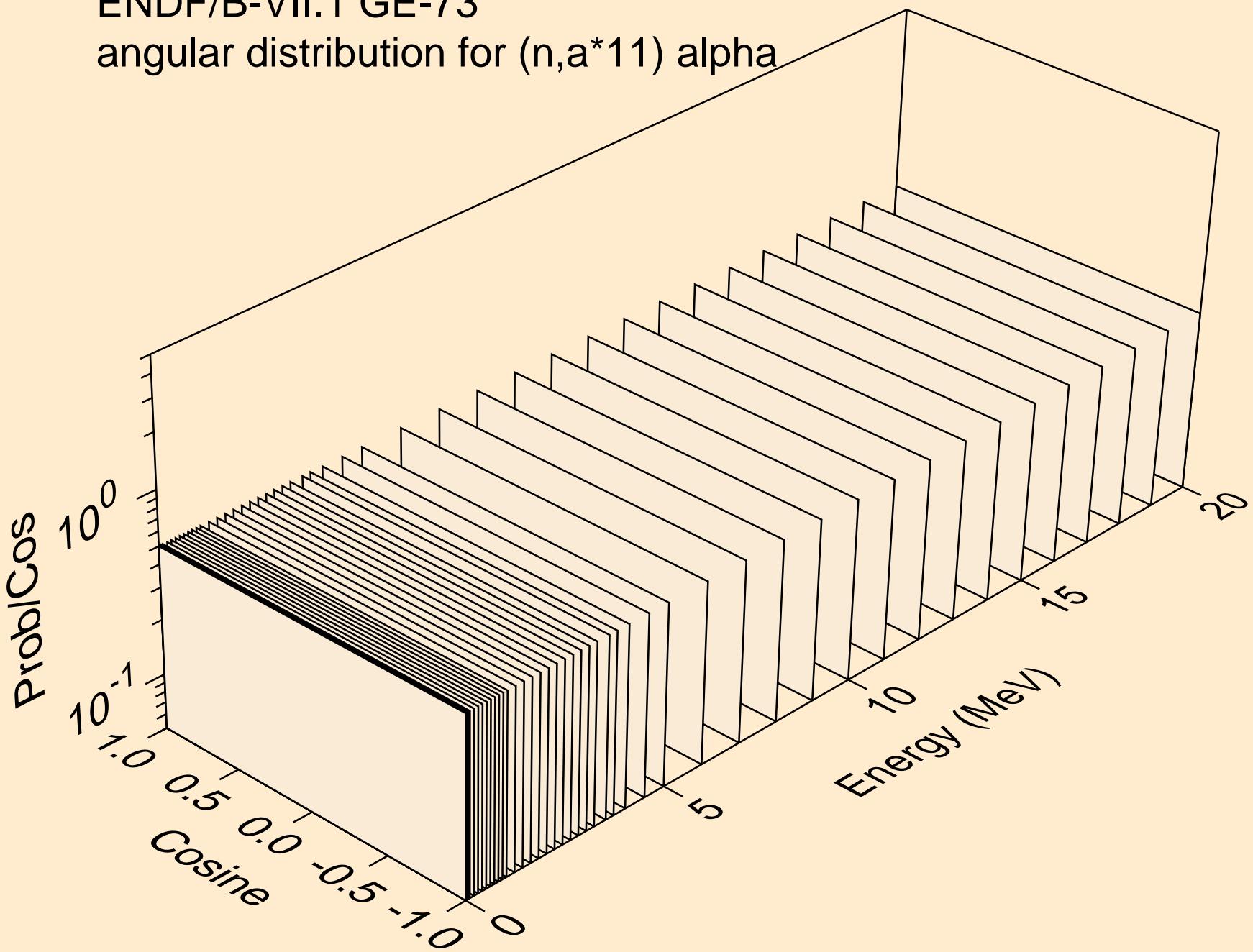
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angular distribution for (n,a\*9) alpha



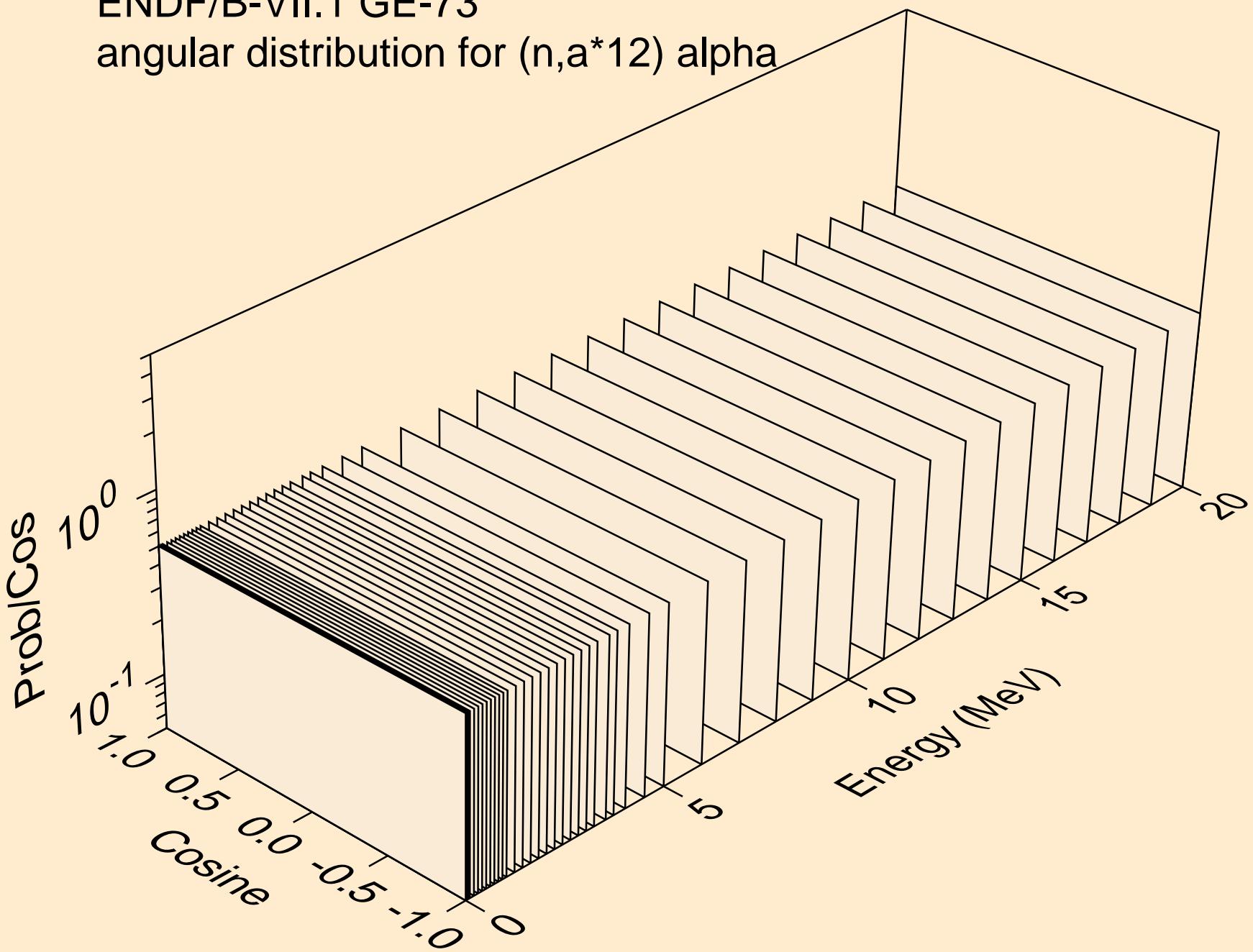
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angular distribution for (n,a\*10) alpha



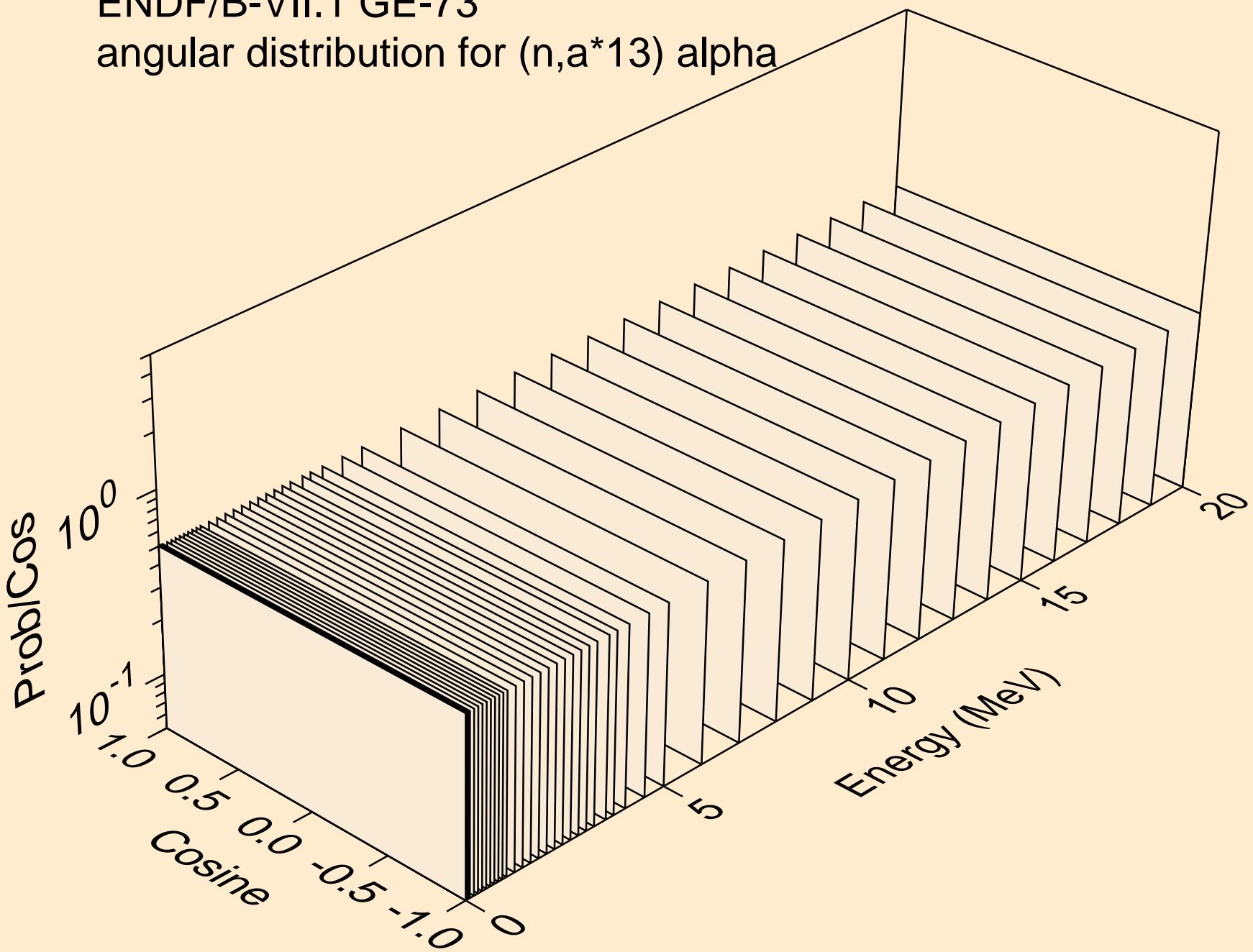
ENDF/B-VII.1 GE-73  
angular distribution for (n,a\*11) alpha



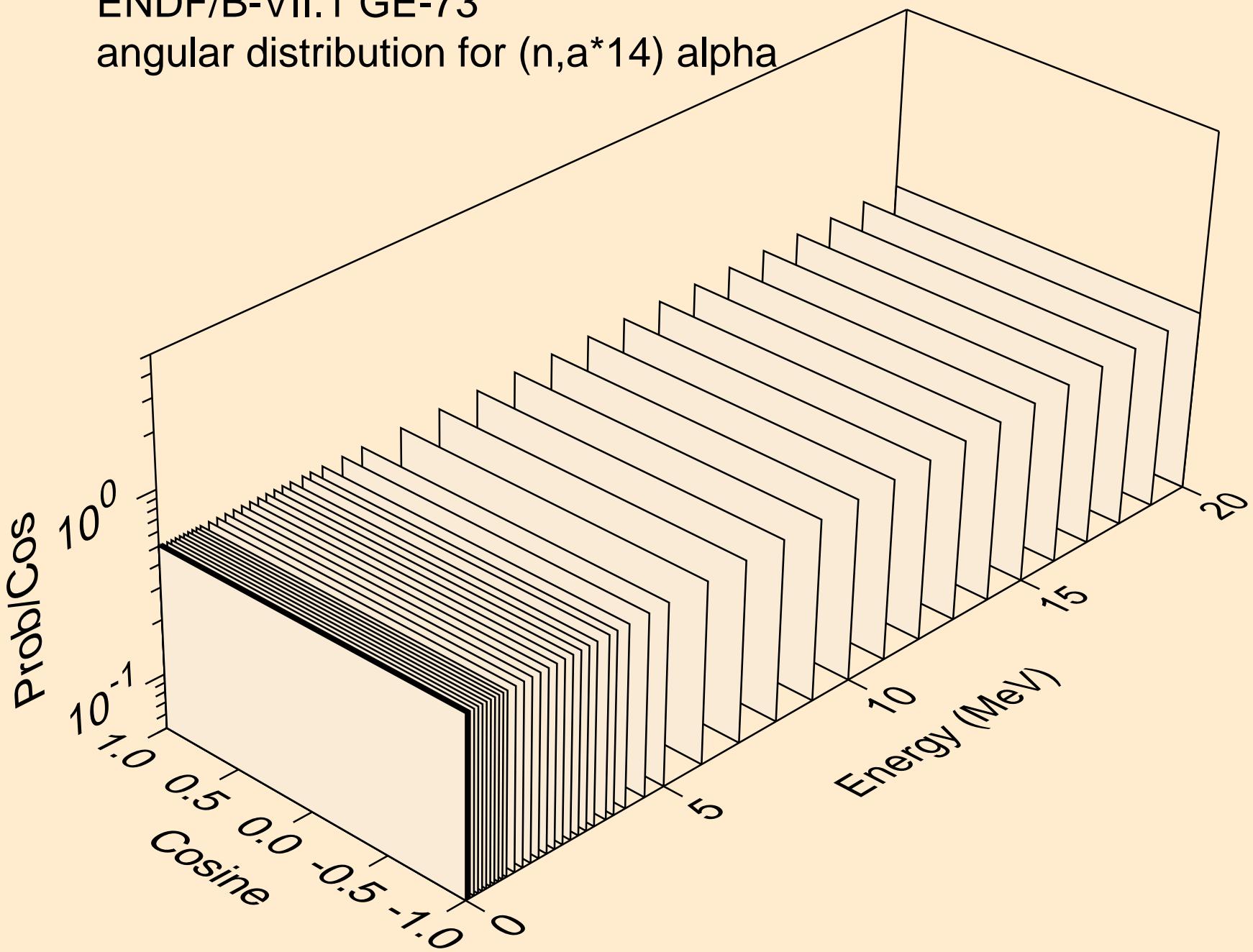
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angular distribution for (n,a\*12) alpha



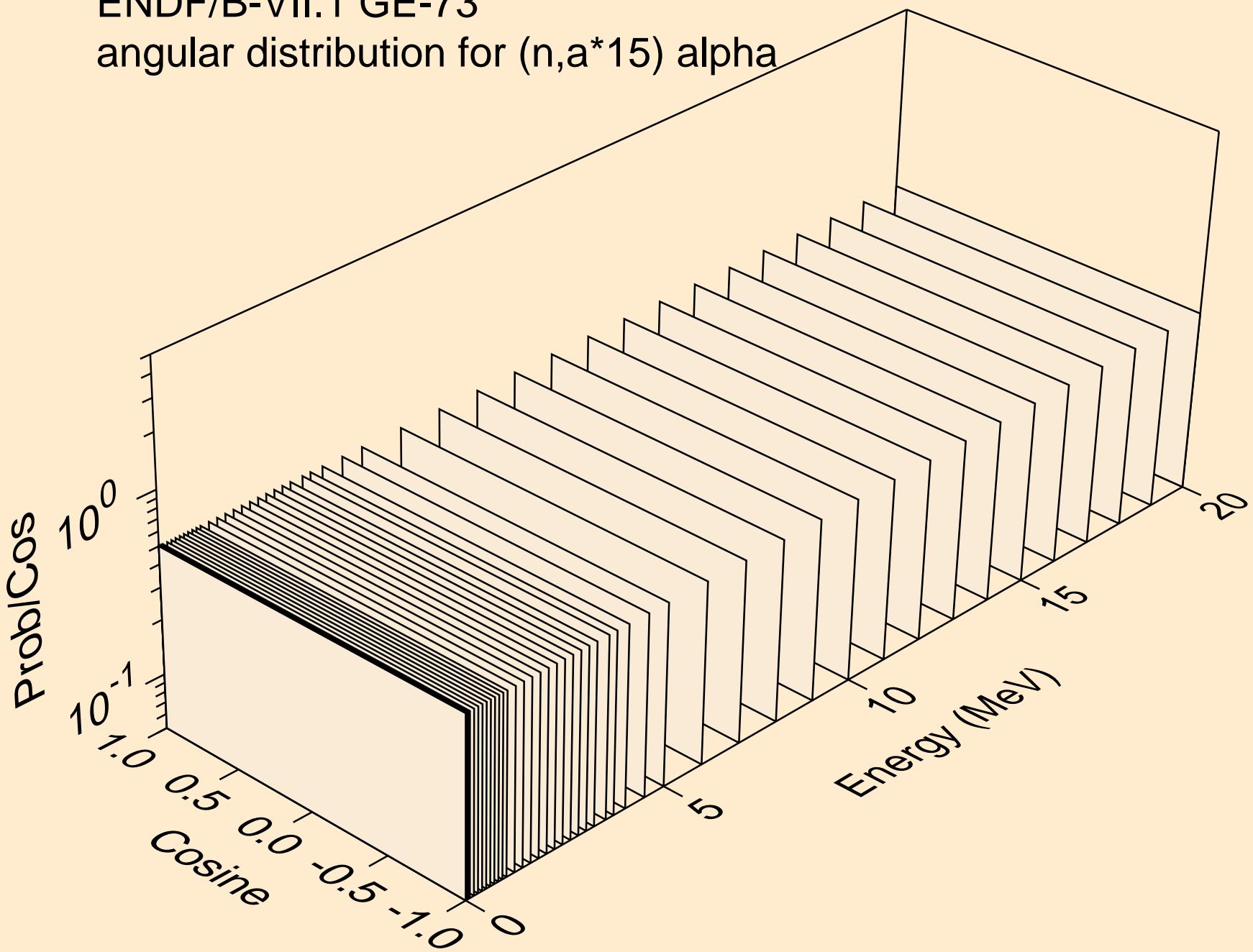
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angular distribution for ( $n,a^*13$ ) alpha



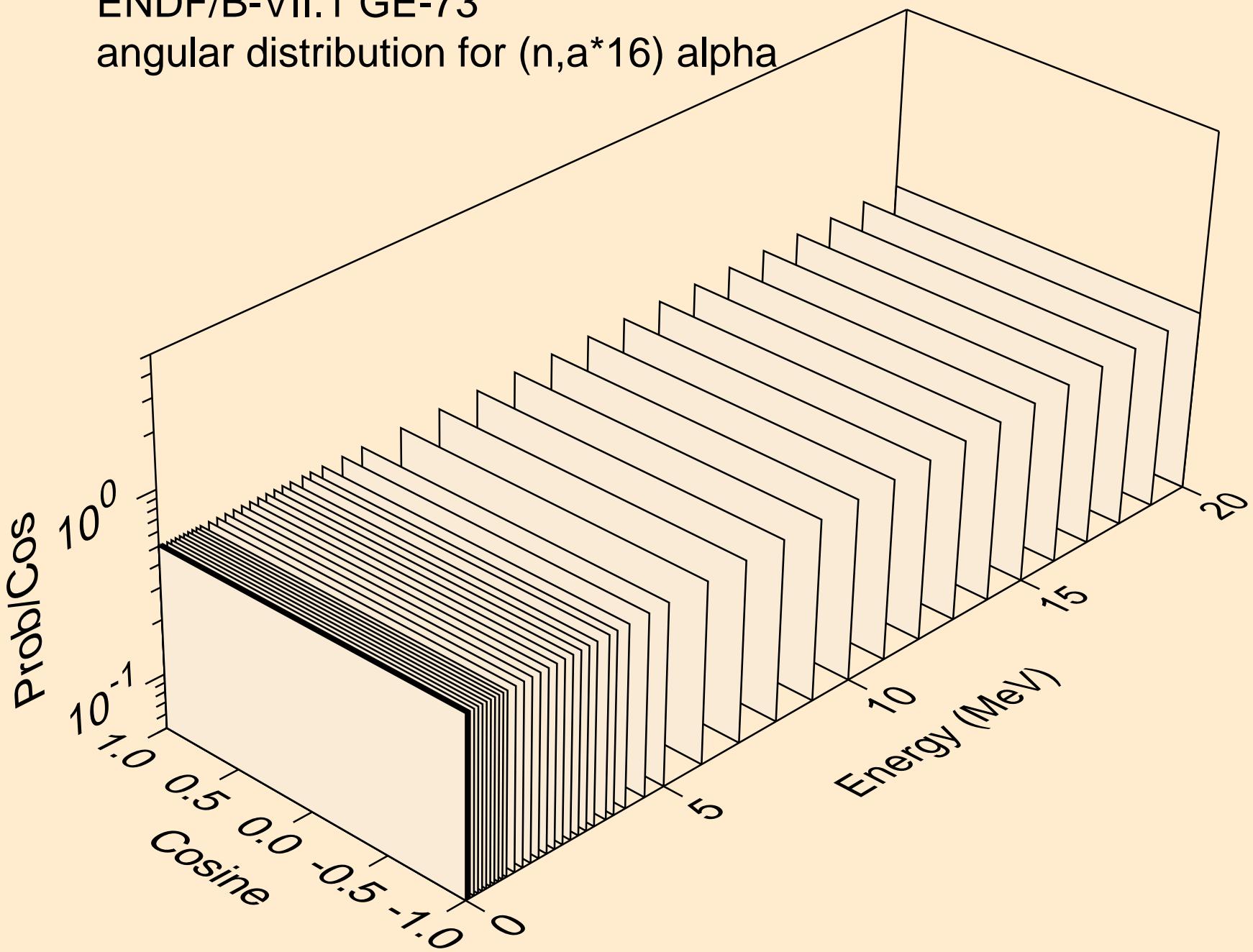
ENDF/B-VII.1 GE-73  
angular distribution for ( $n,a^*14$ ) alpha



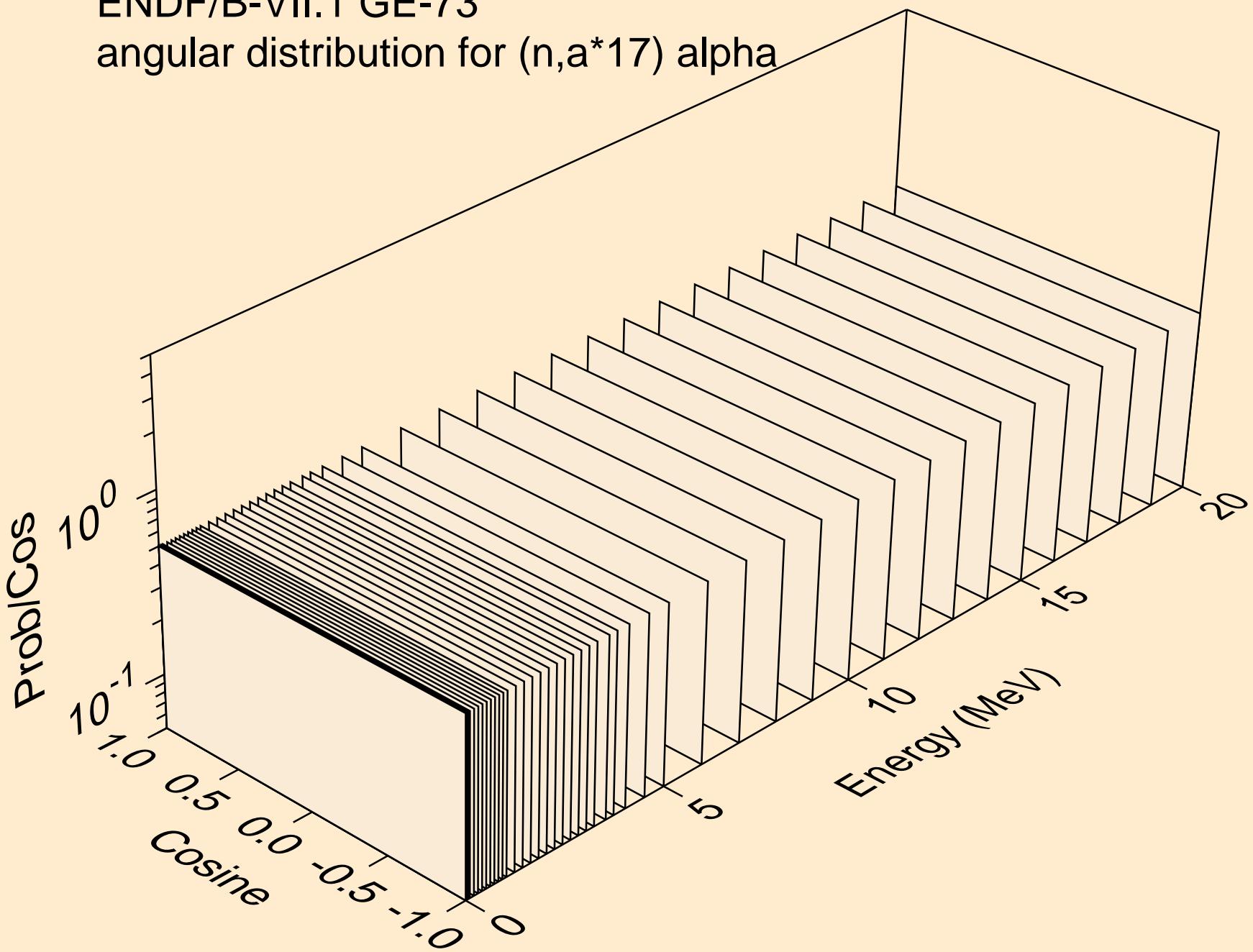
ENDF/B-VII.1 GE-73  
angular distribution for (n,a\*15) alpha



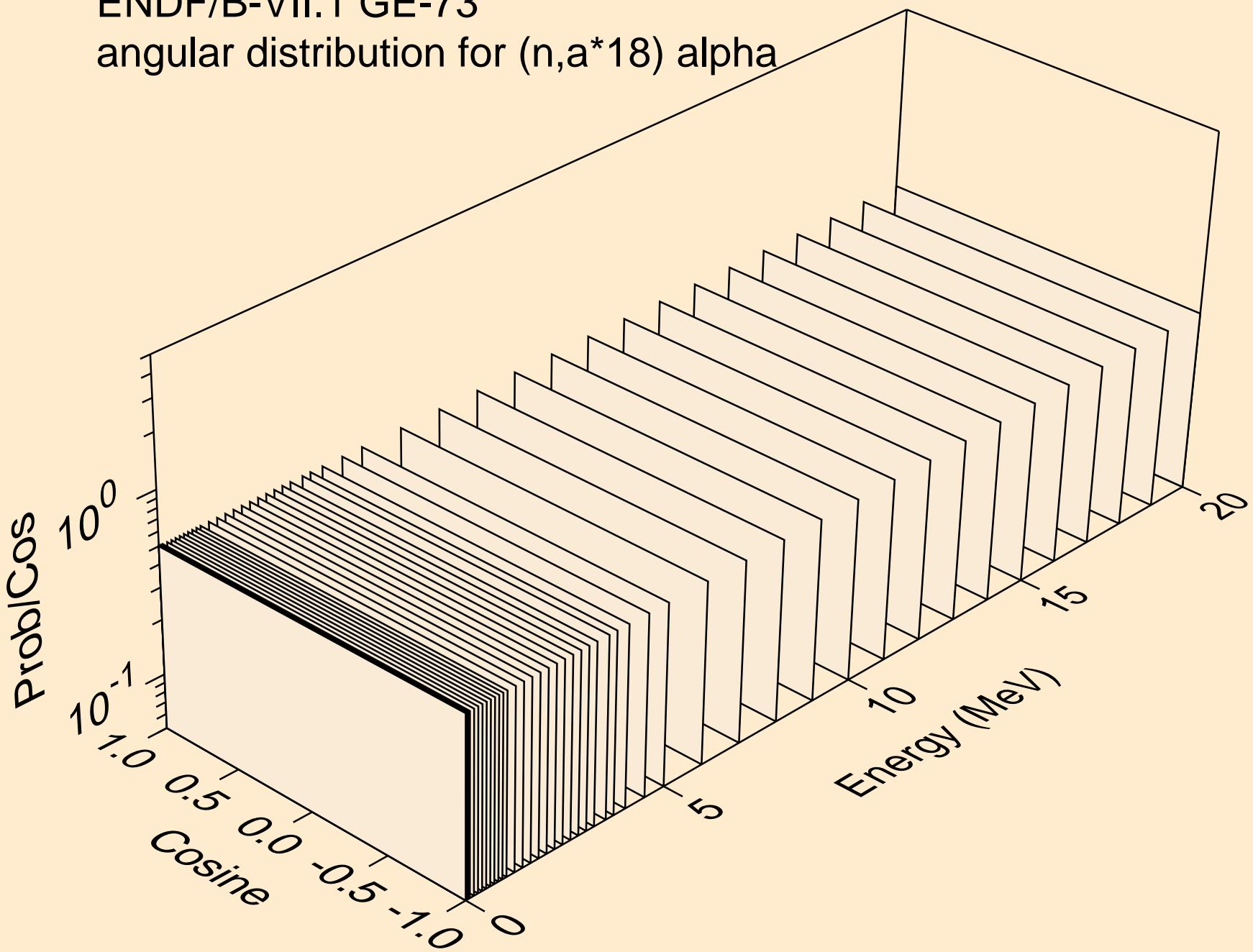
ENDF/B-VII.1 GE-73  
angular distribution for ( $n,a^*16$ ) alpha



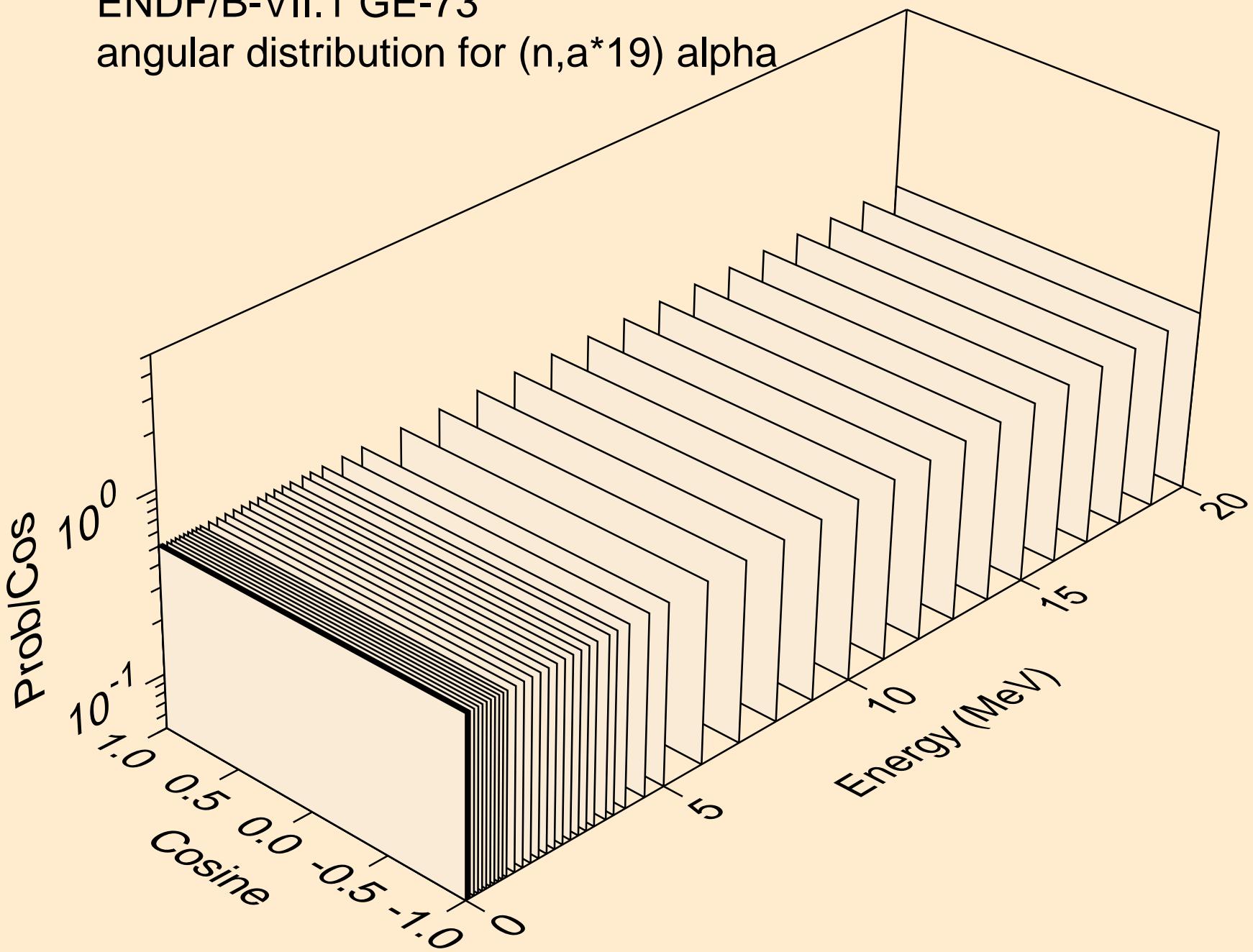
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angular distribution for ( $n,a^*17$ ) alpha



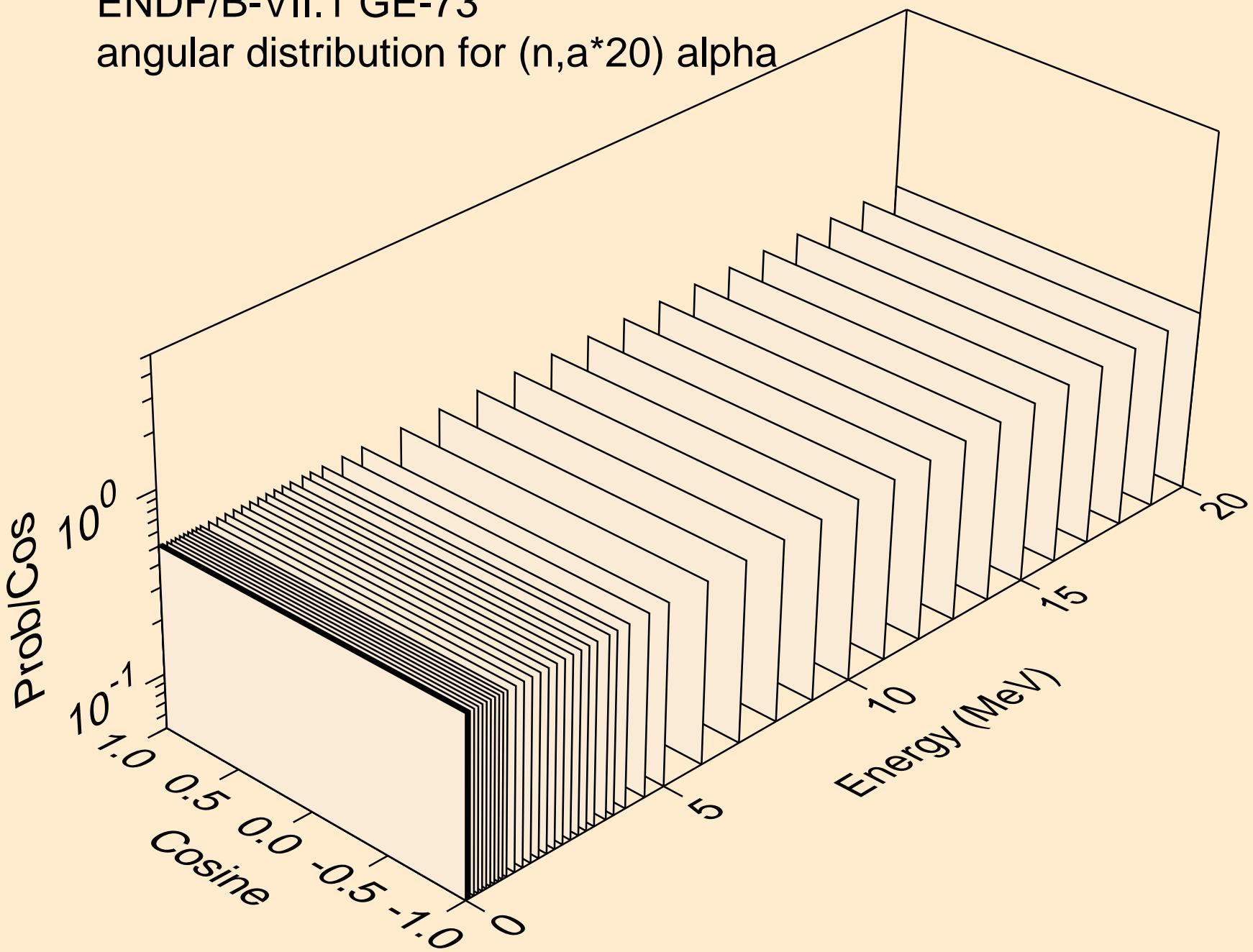
ENDF/B-VII.1 GE-73  
angular distribution for ( $n,a^*18$ ) alpha



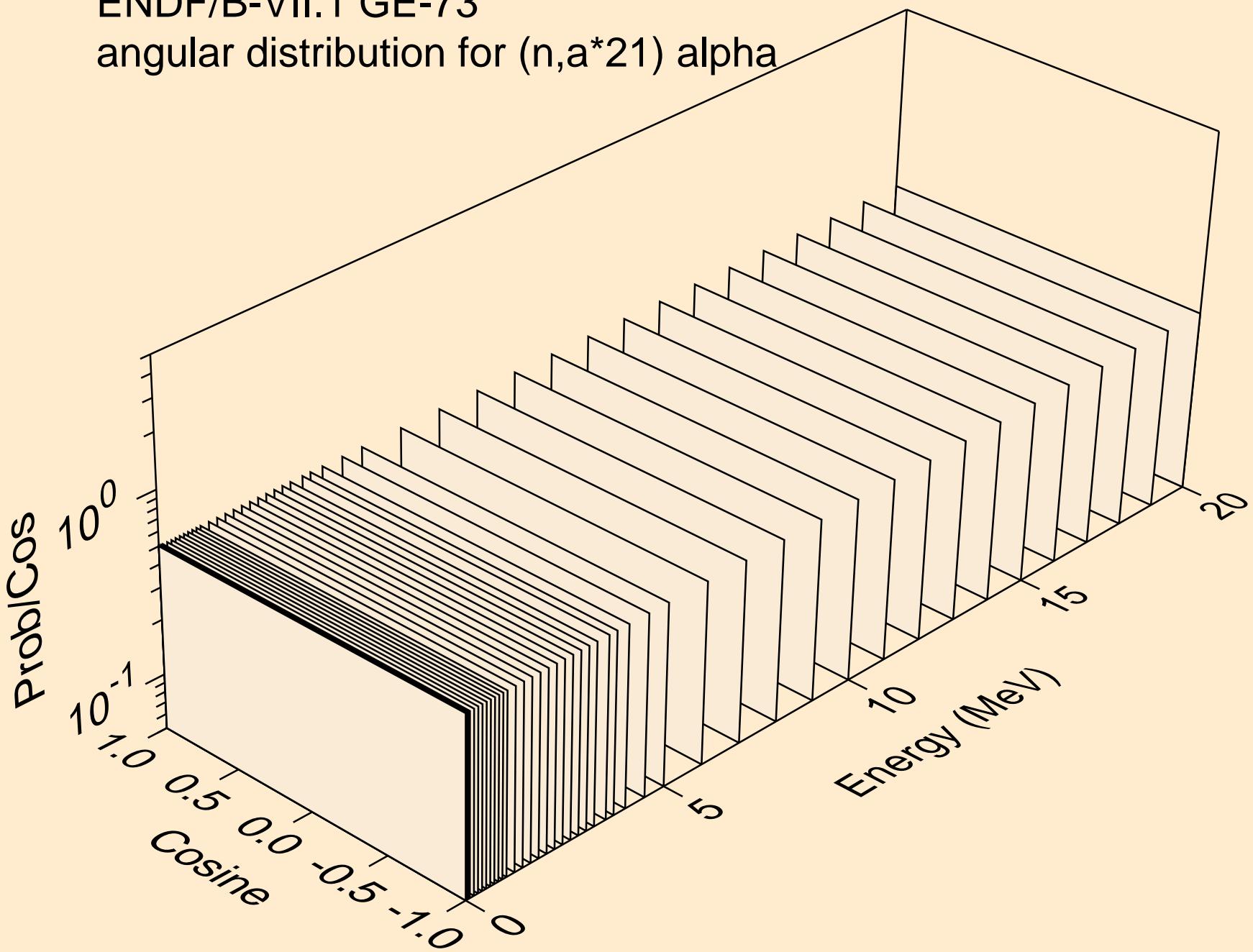
ENDF/B-VII.1 GE-73  
angular distribution for (n,a\*19) alpha



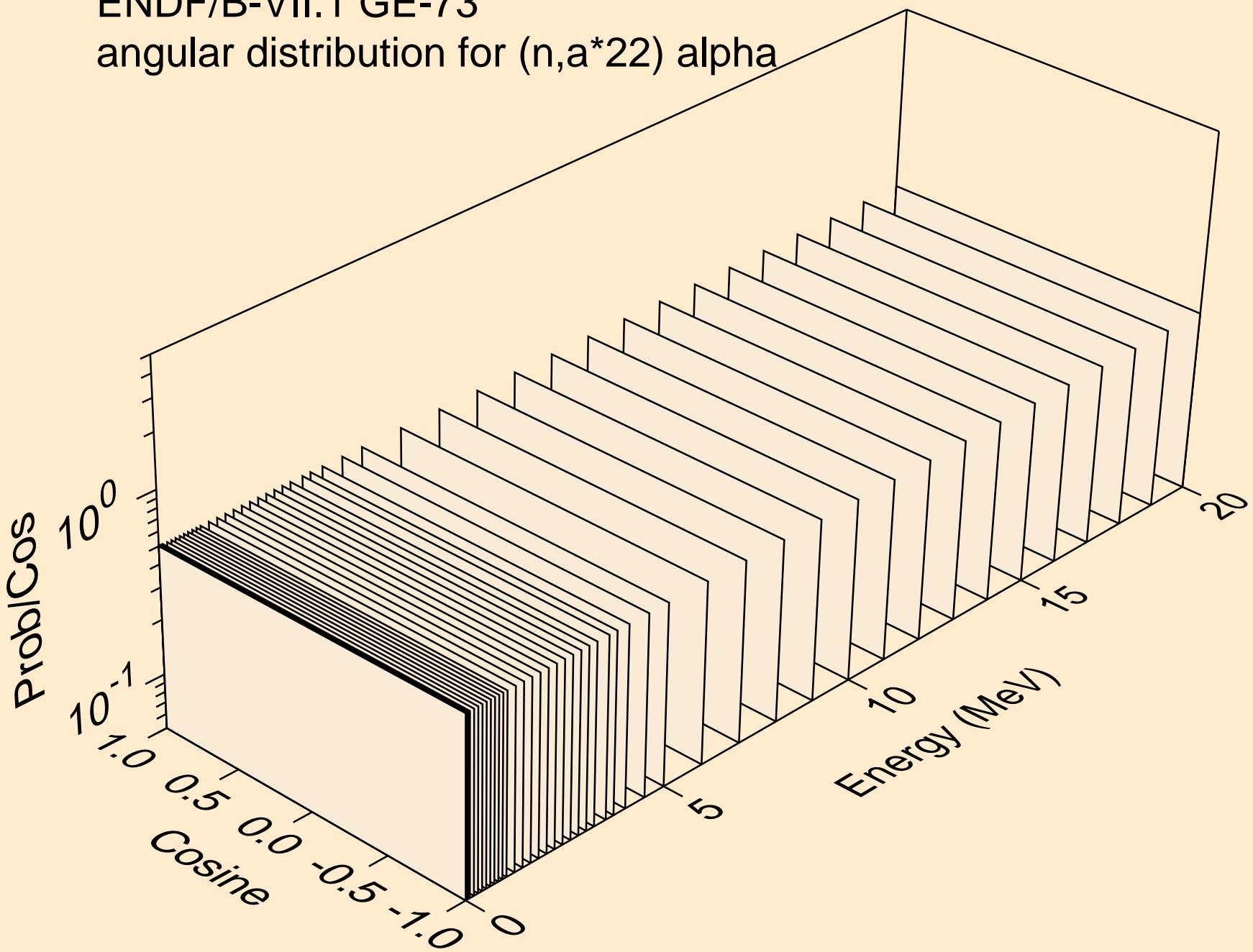
ENDF/B-VII.1 GE-73  
angular distribution for (n,a\*20) alpha



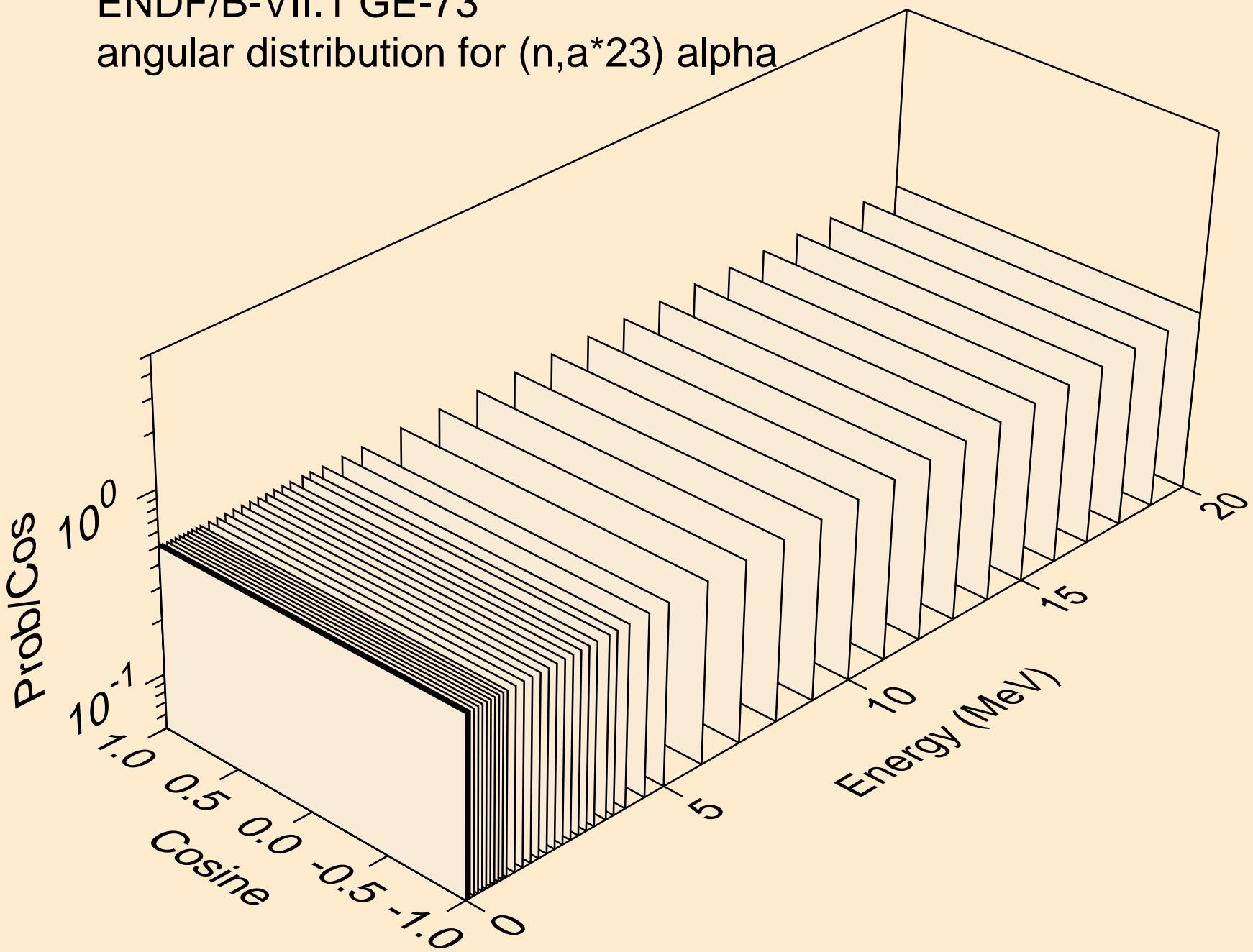
ENDF/B-VII.1 GE-73  
angular distribution for ( $n,a^*21$ ) alpha



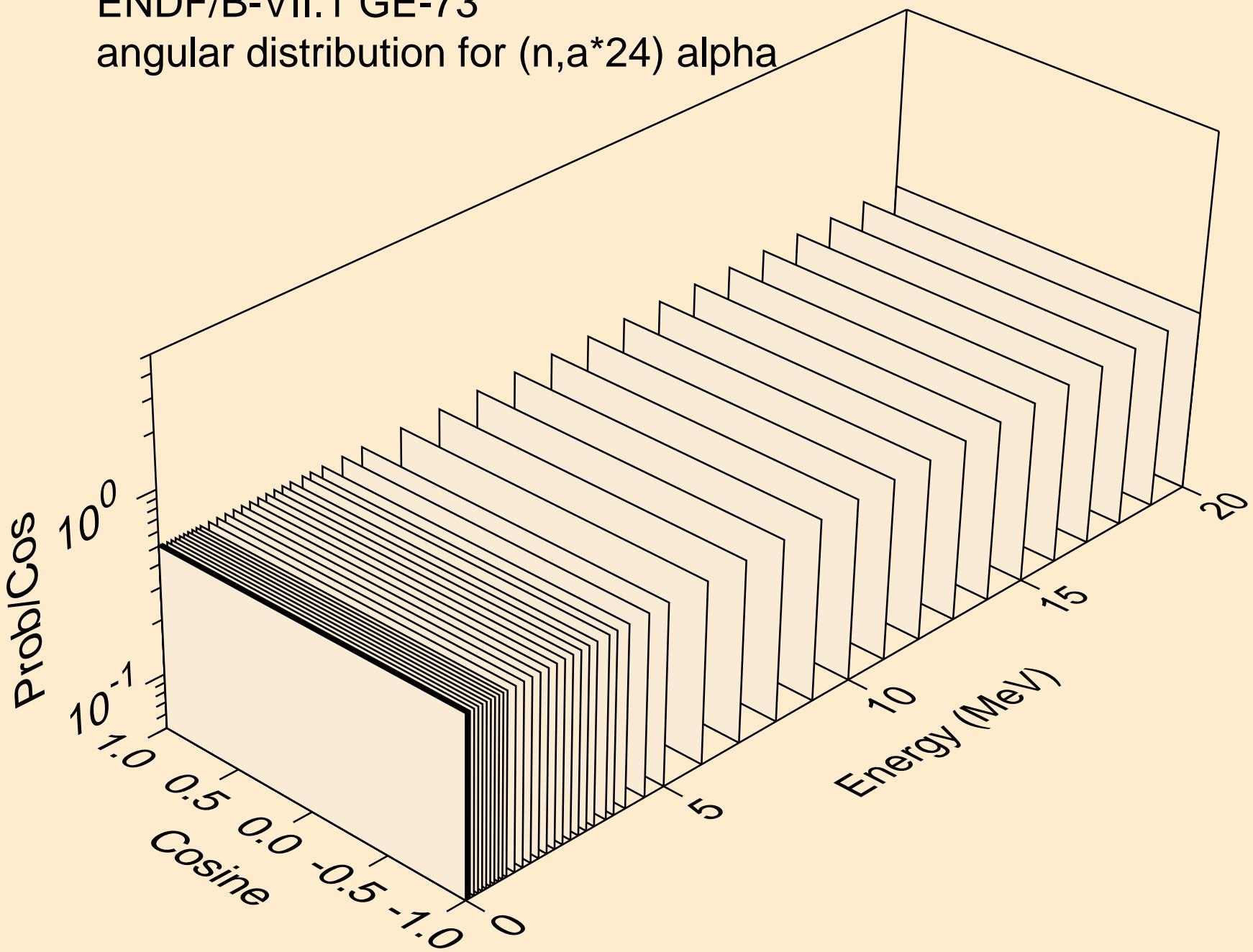
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angular distribution for ( $n, a^* 22$ ) alpha



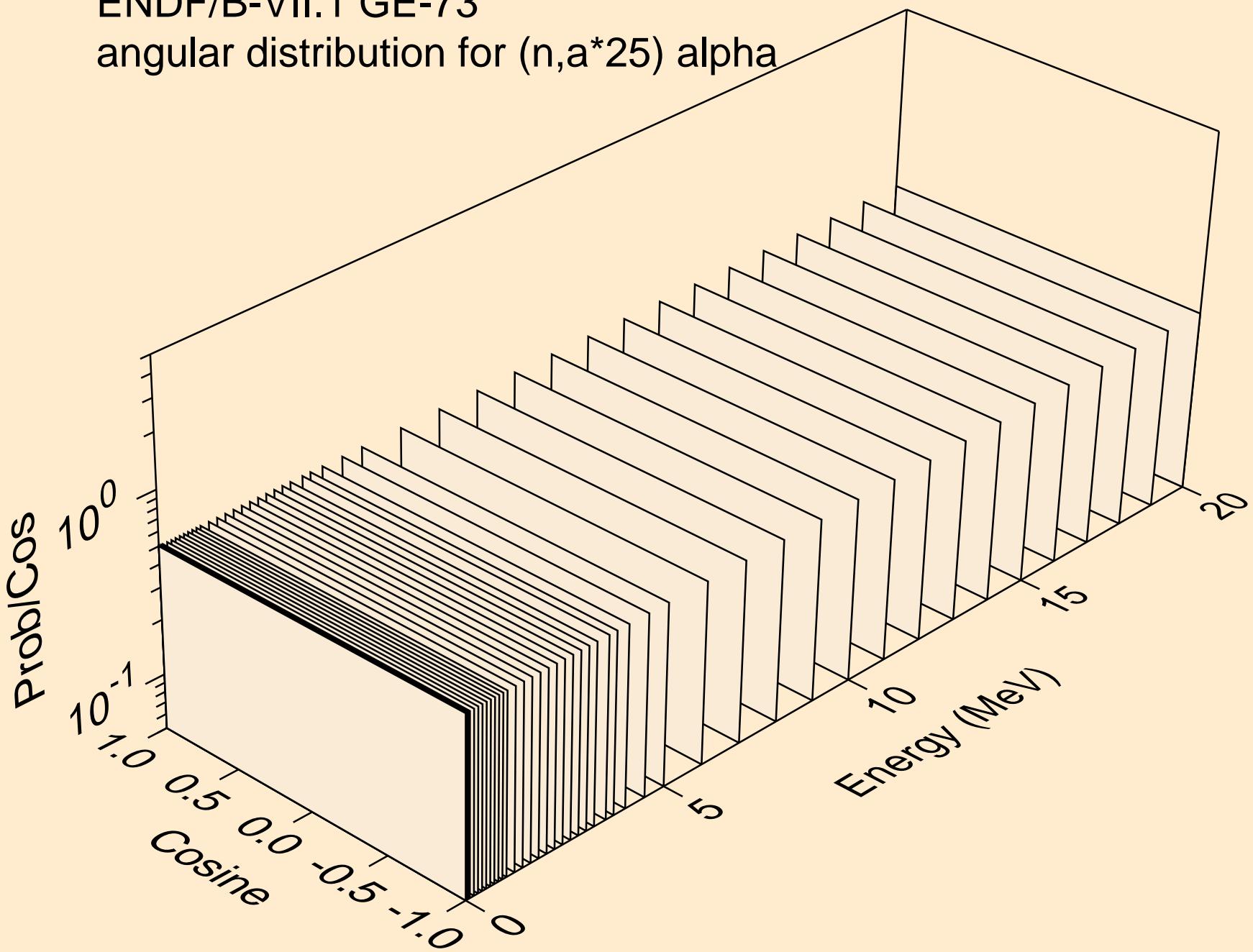
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angular distribution for ( $n, a^* 23$ ) alpha



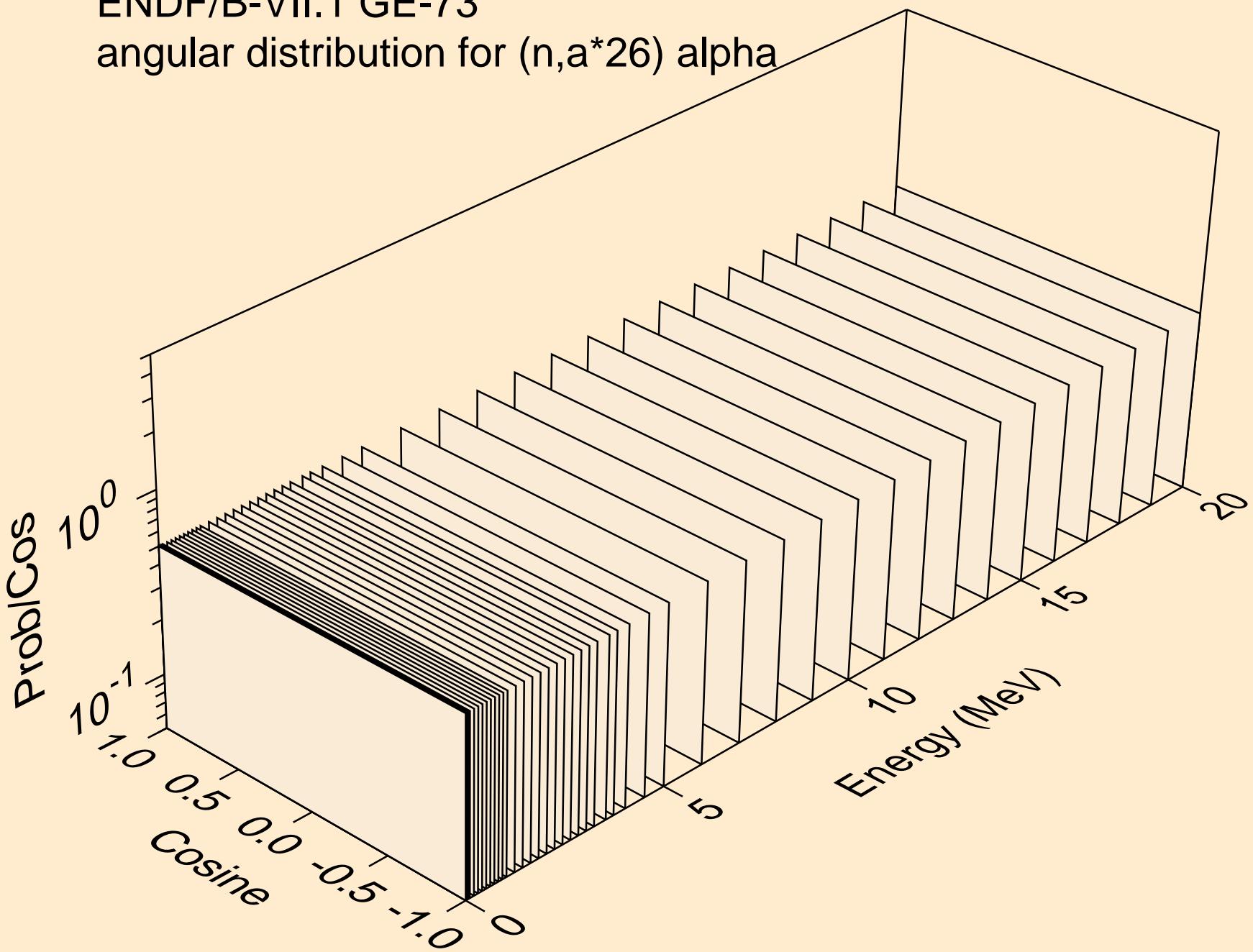
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angular distribution for ( $n,a^*24$ ) alpha



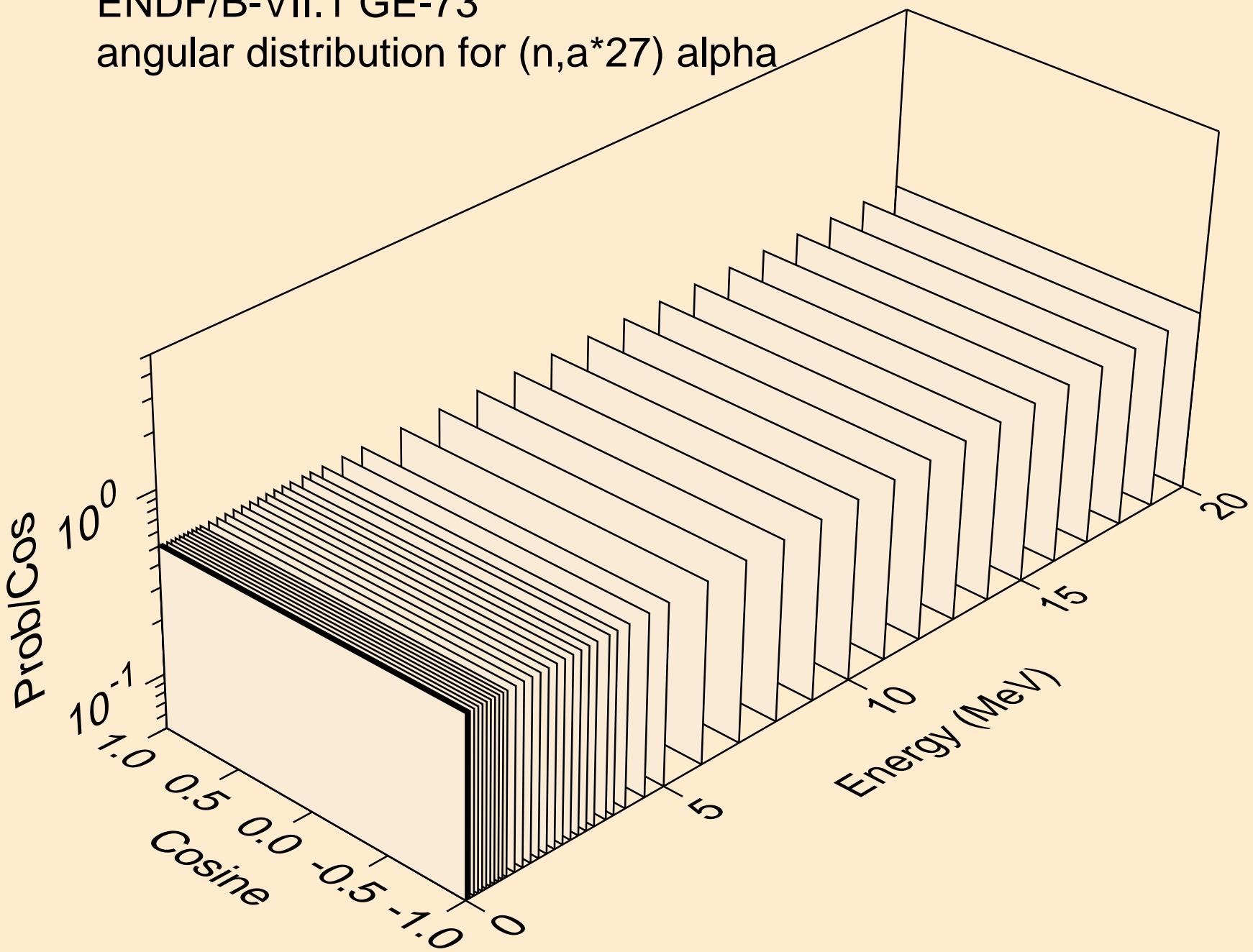
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angular distribution for ( $n,a^*25$ ) alpha



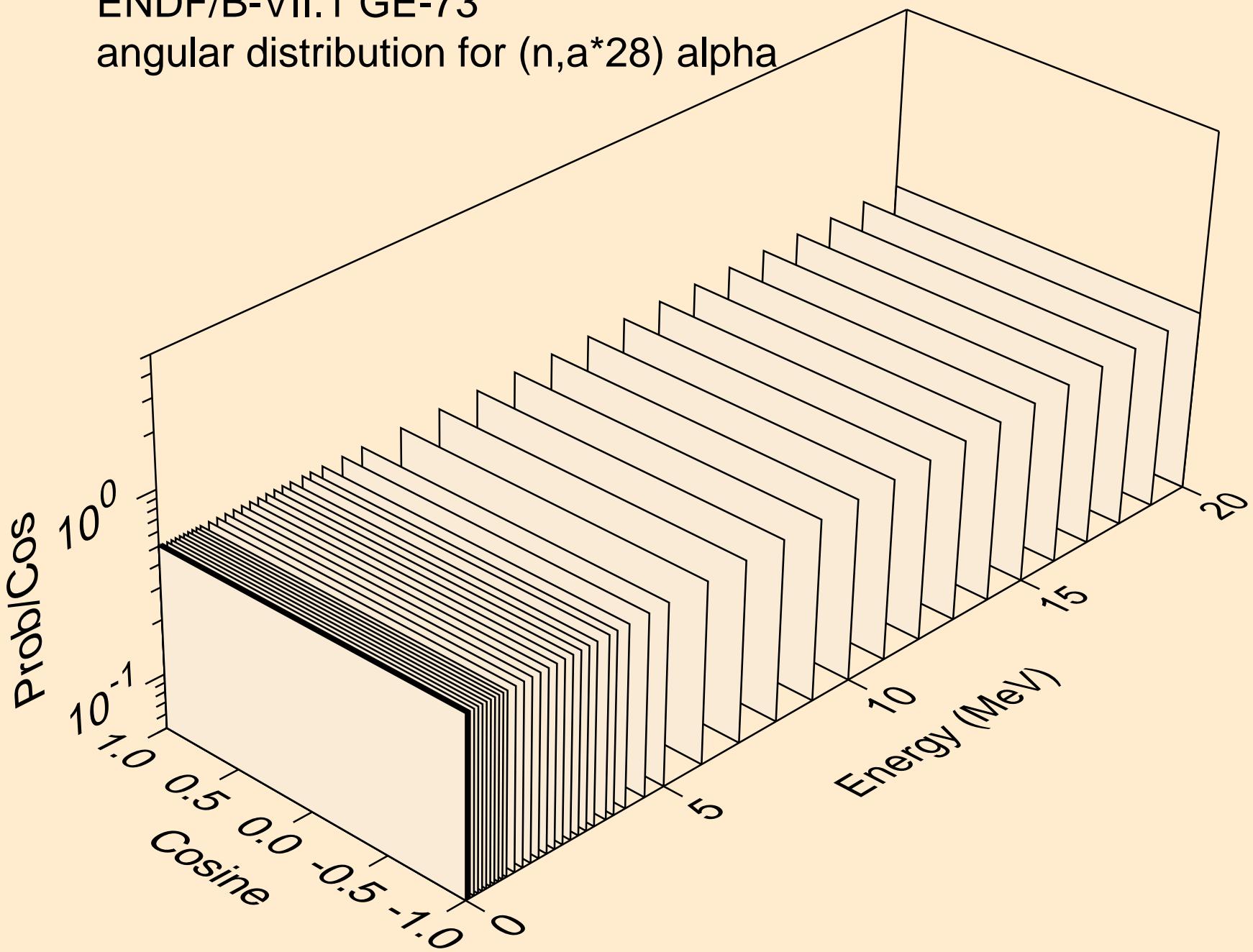
ENDF/B-VII.1 GE-73  
angular distribution for ( $n,a^*26$ ) alpha



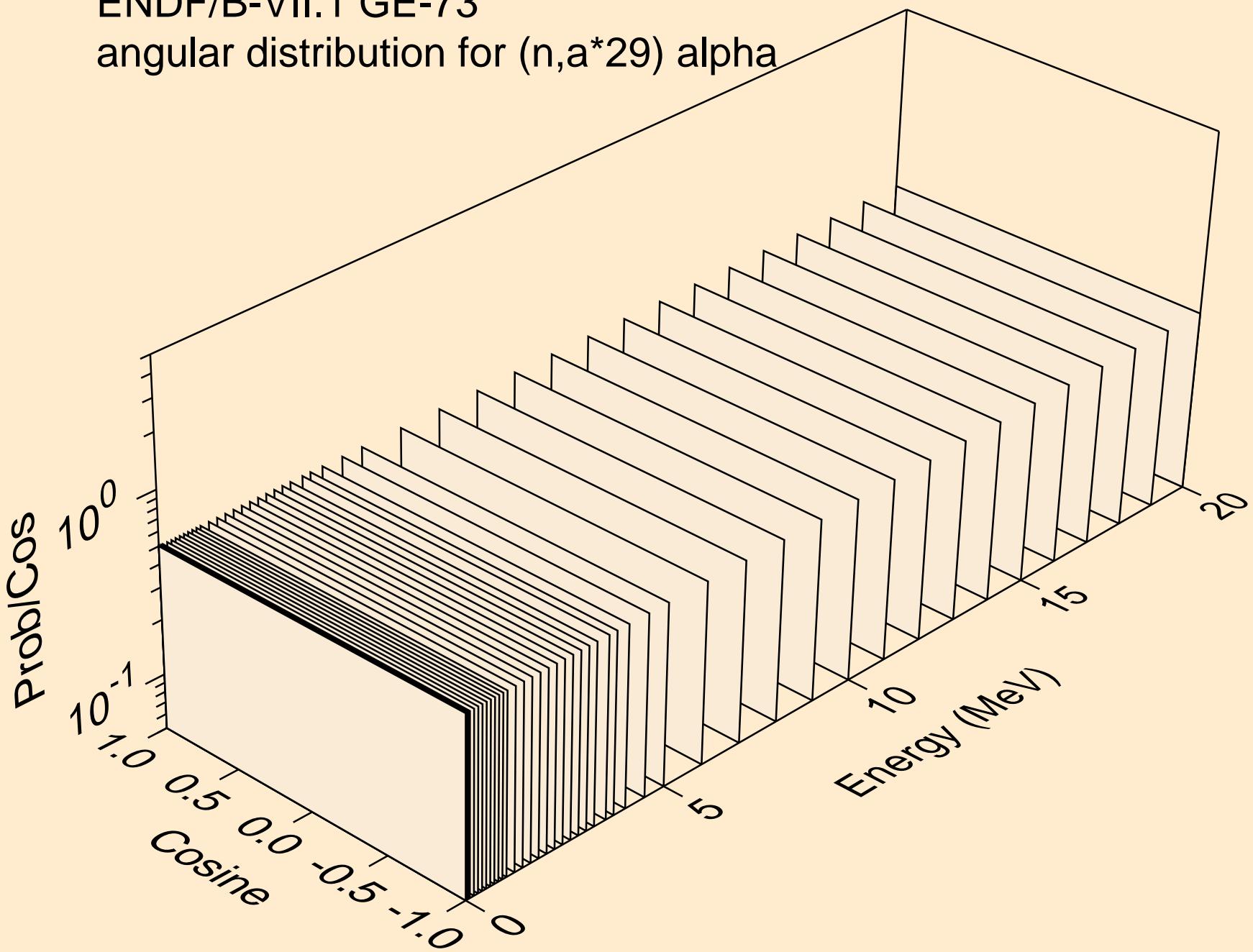
ENDF/B-VII.1 GE-73  
angular distribution for ( $n,a^*27$ ) alpha



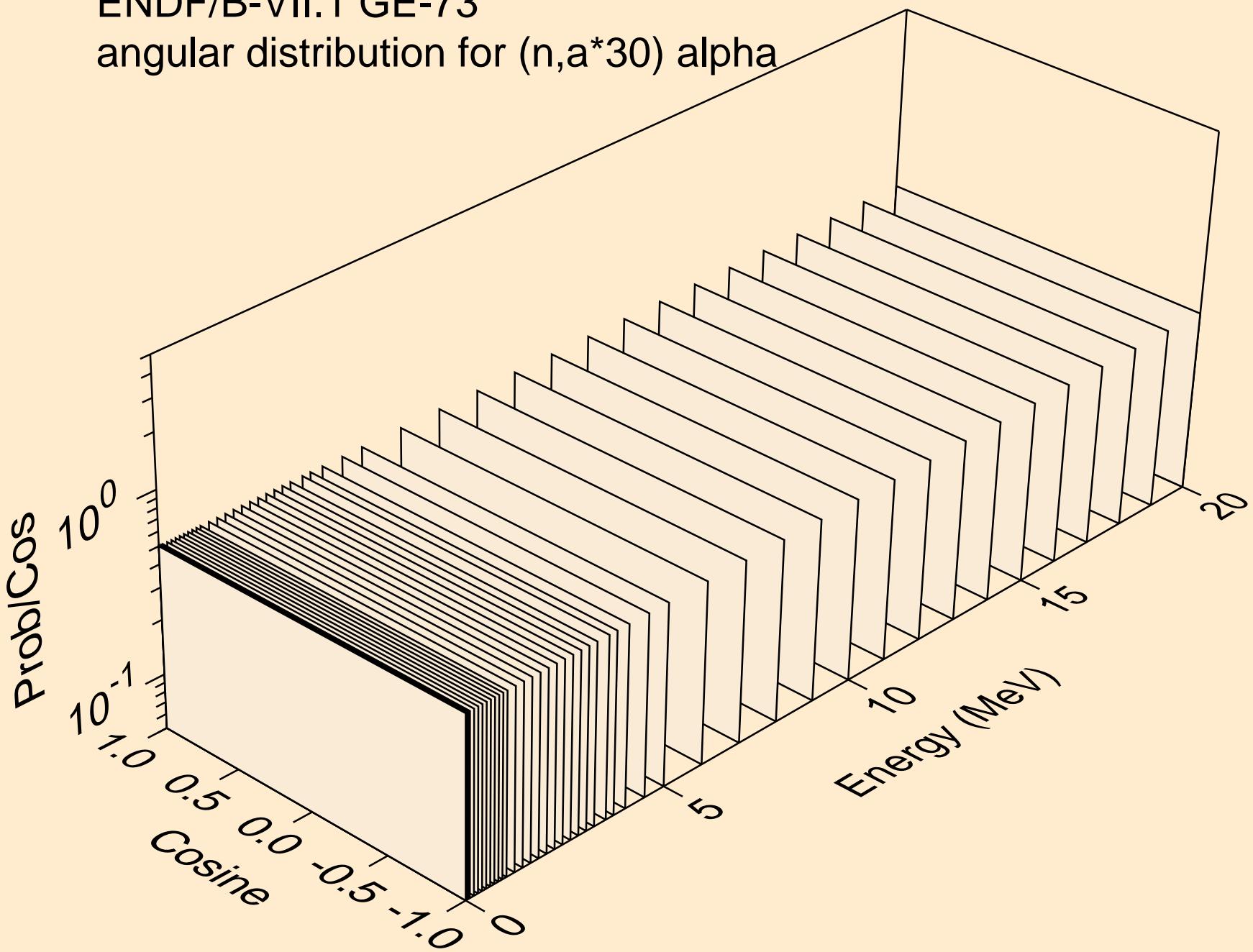
ENDF/B-VII.1 GE-73  
angular distribution for ( $n,a^*28$ ) alpha



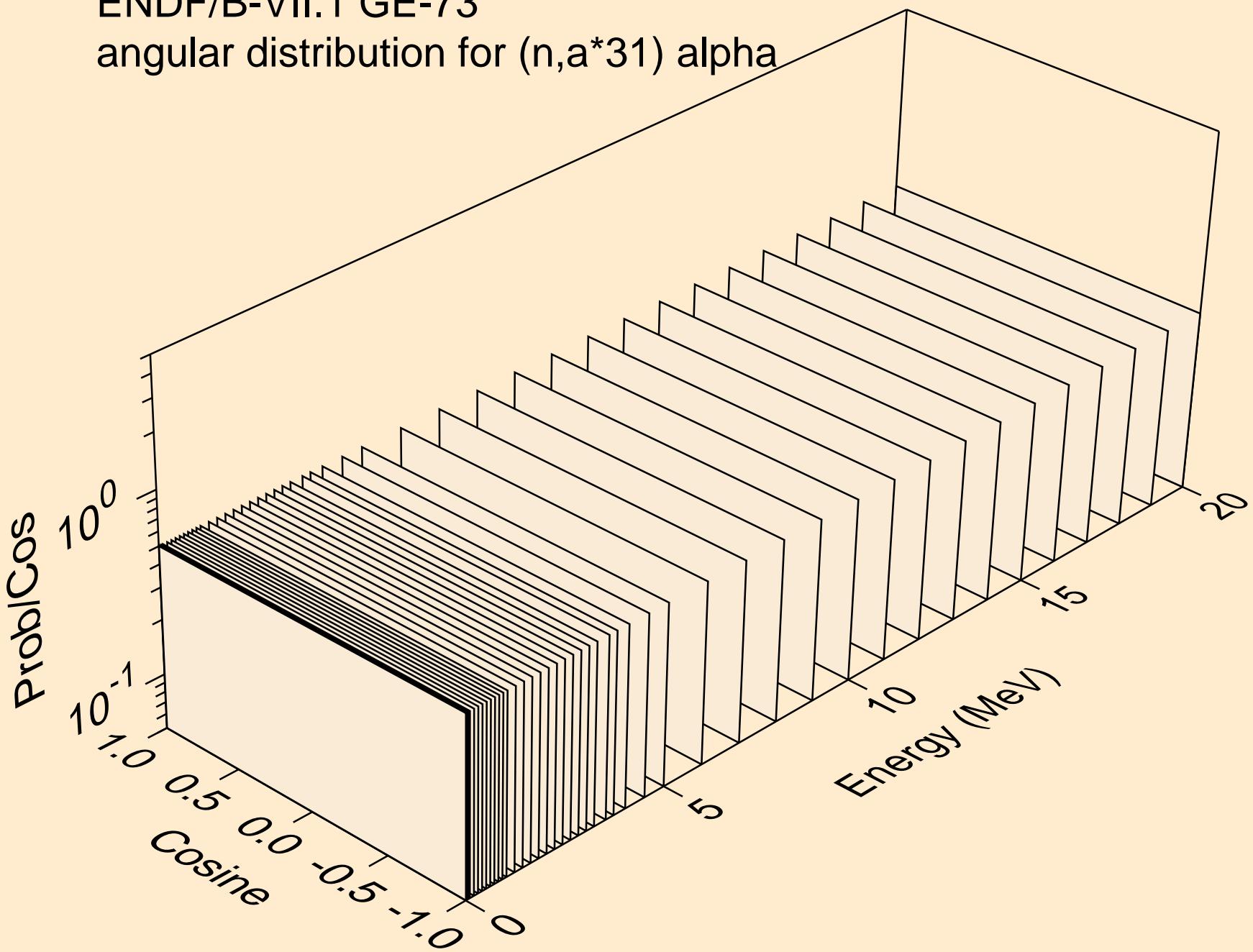
ENDF/B-VII.1 GE-73  
angular distribution for ( $n,a^*29$ ) alpha



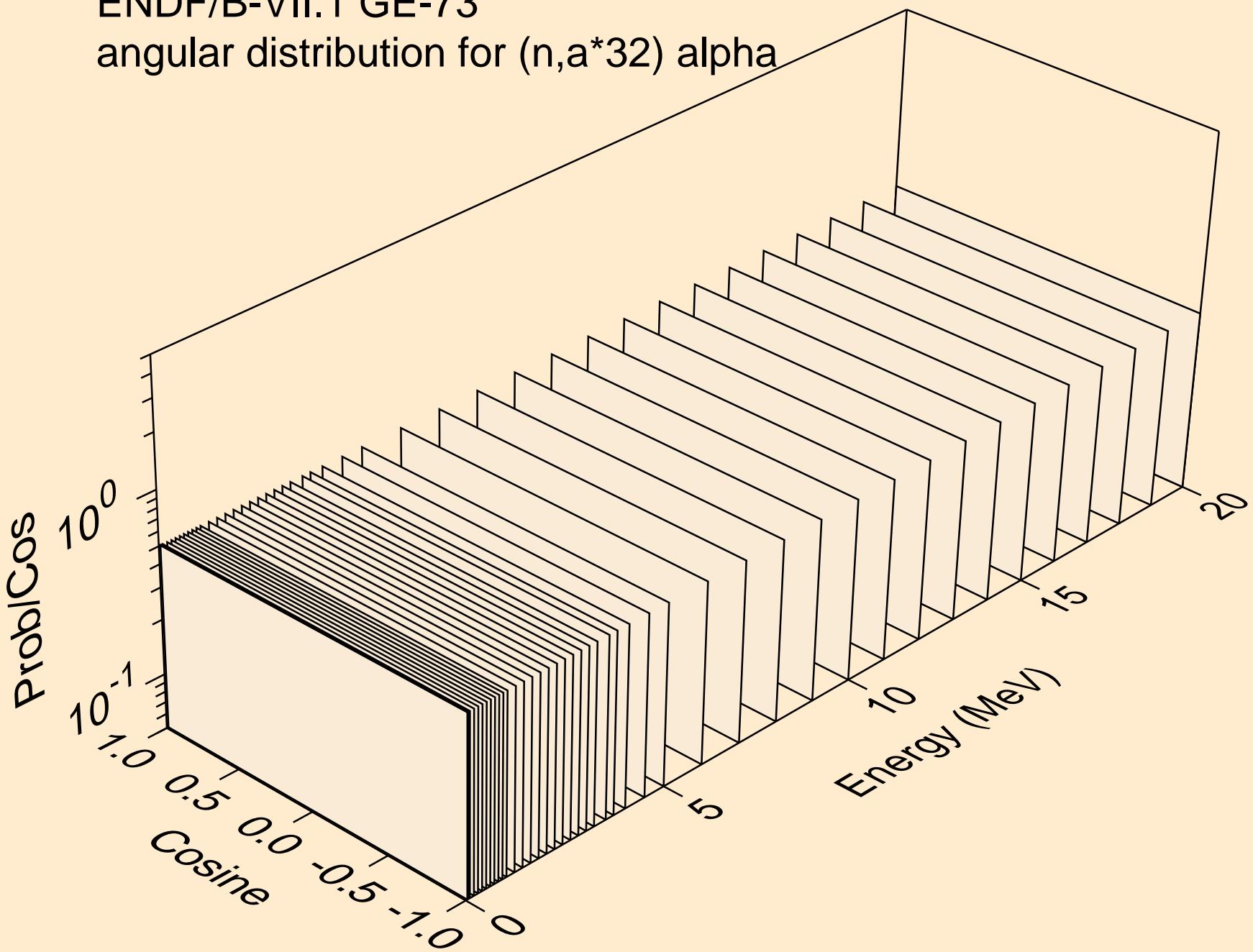
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angular distribution for (n,a\*30) alpha



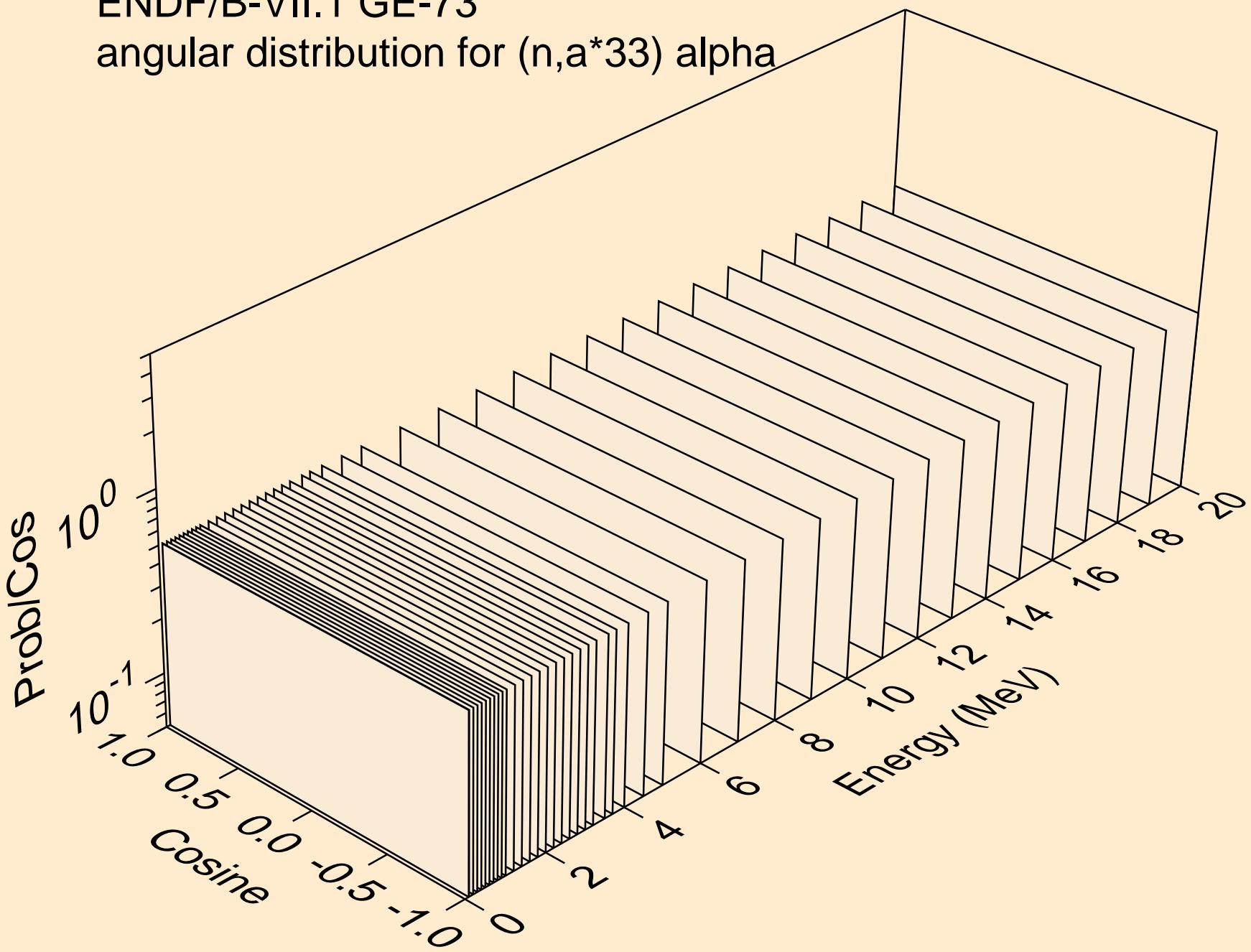
ENDF/B-VII.1 GE-73  
angular distribution for (n,a\*31) alpha



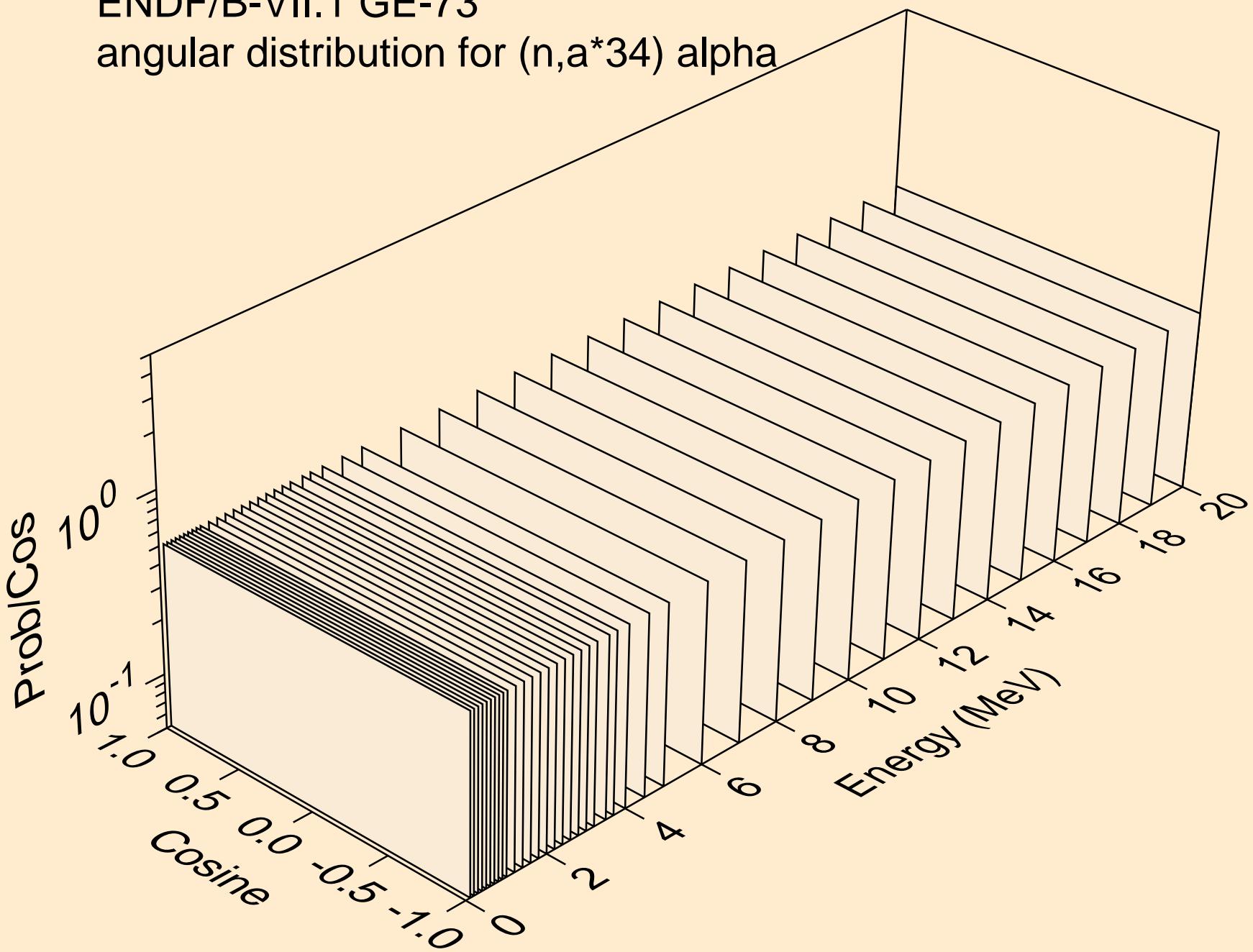
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angular distribution for ( $n,a^*32$ ) alpha



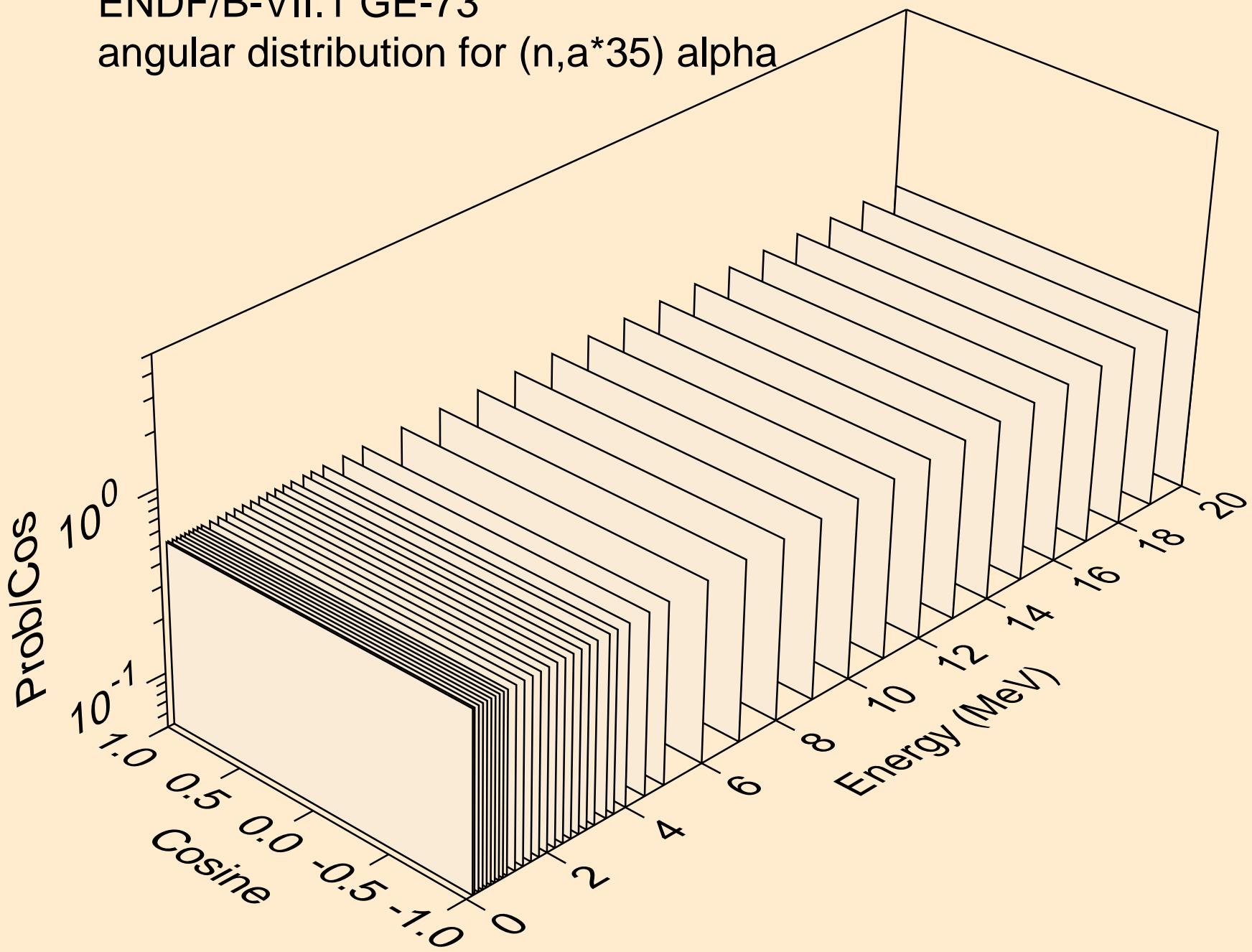
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angular distribution for ( $n, a^* 33$ ) alpha



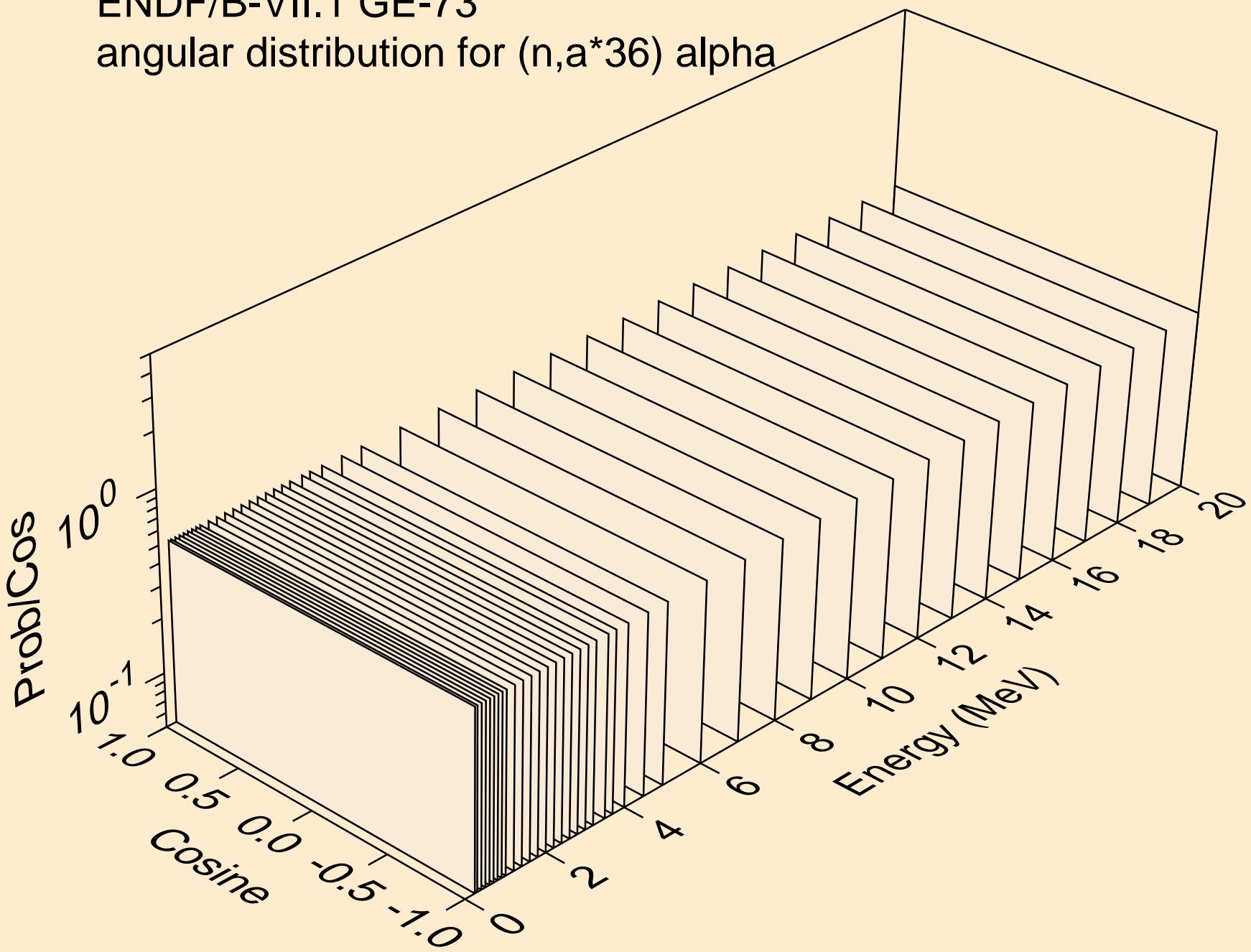
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angular distribution for ( $n,a^*34$ ) alpha



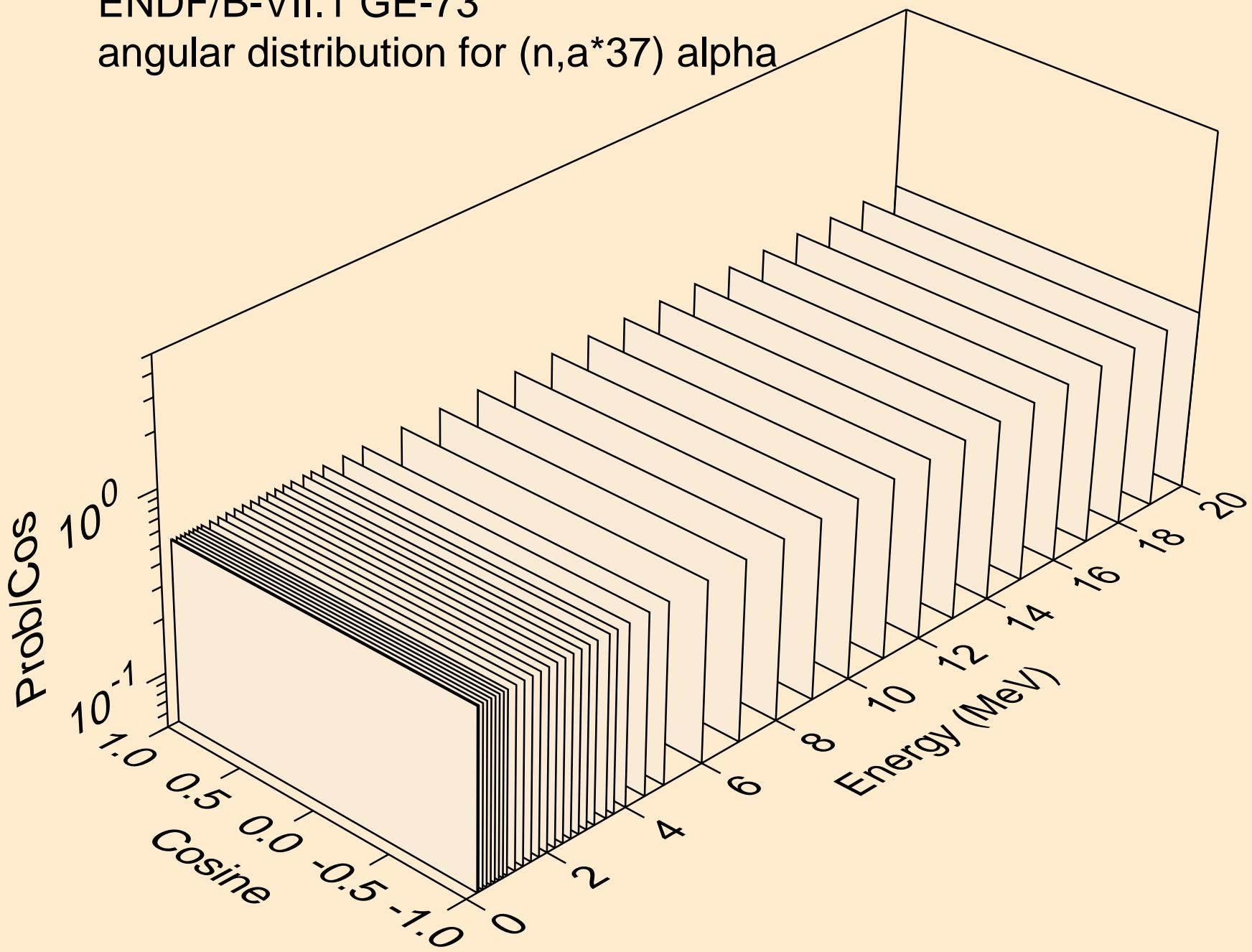
ENDF/B-VII.1 GE-73  
angular distribution for ( $n,a^*35$ ) alpha



ENDF/B-VII.1 GE-73  
angular distribution for ( $n,a^*36$ ) alpha



ENDF/B-VII.1 GE-73  
angular distribution for ( $n, a^* 37$ ) alpha



ENDF/B-VII.1 GE-73  
alphas from  $(n, a^* c)$

