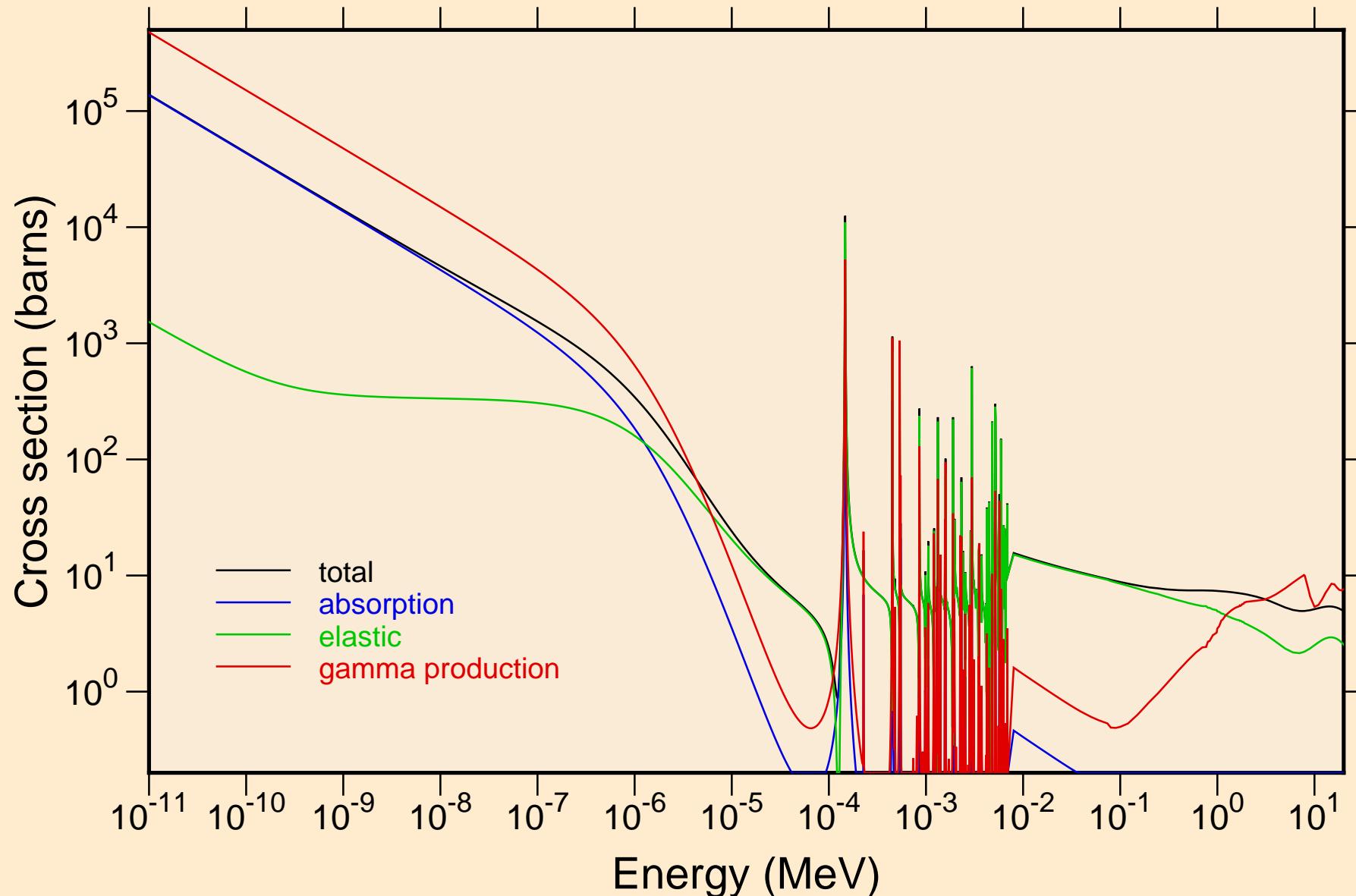
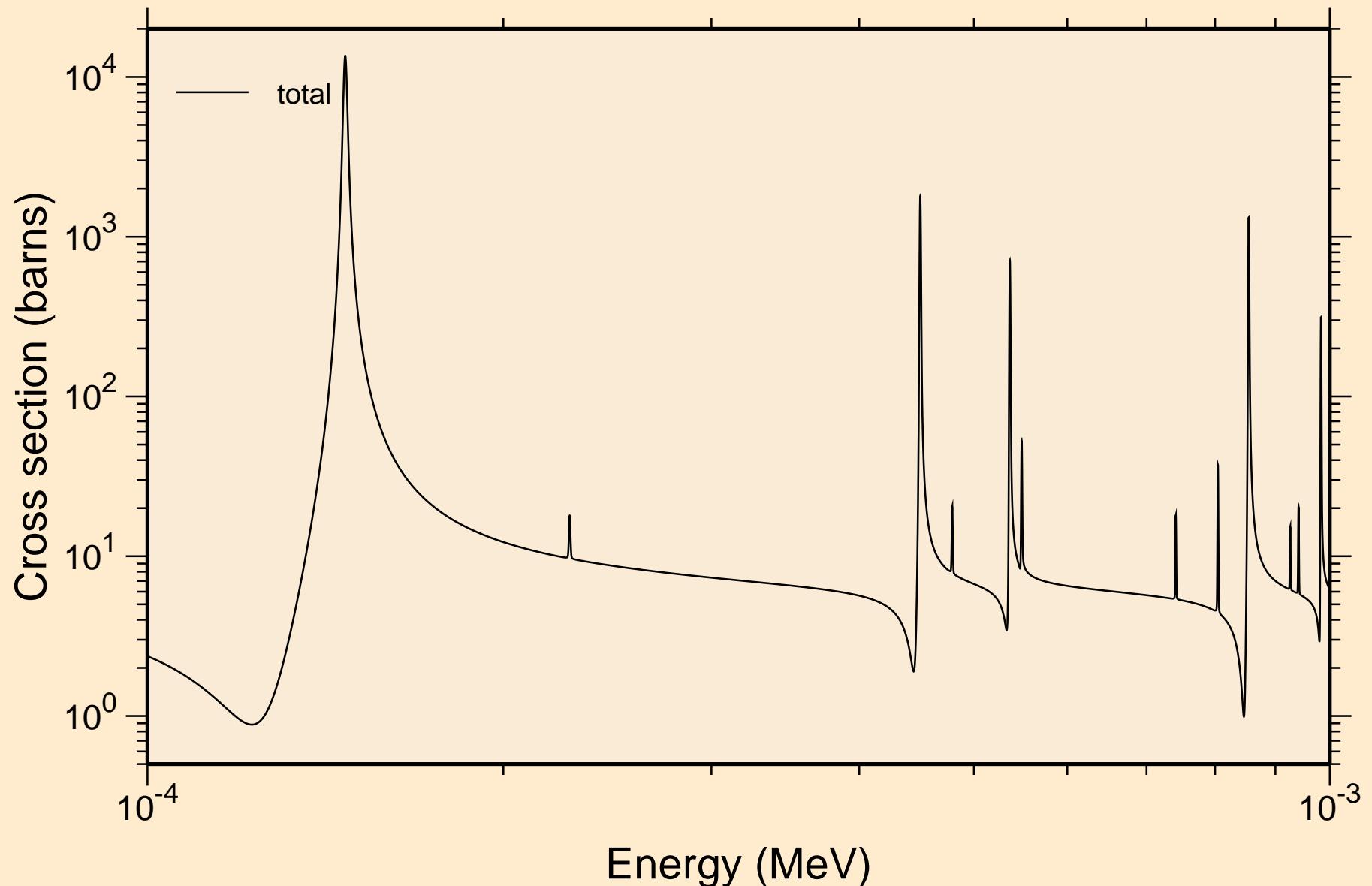


# ENDF/B-VII.1 DY-164

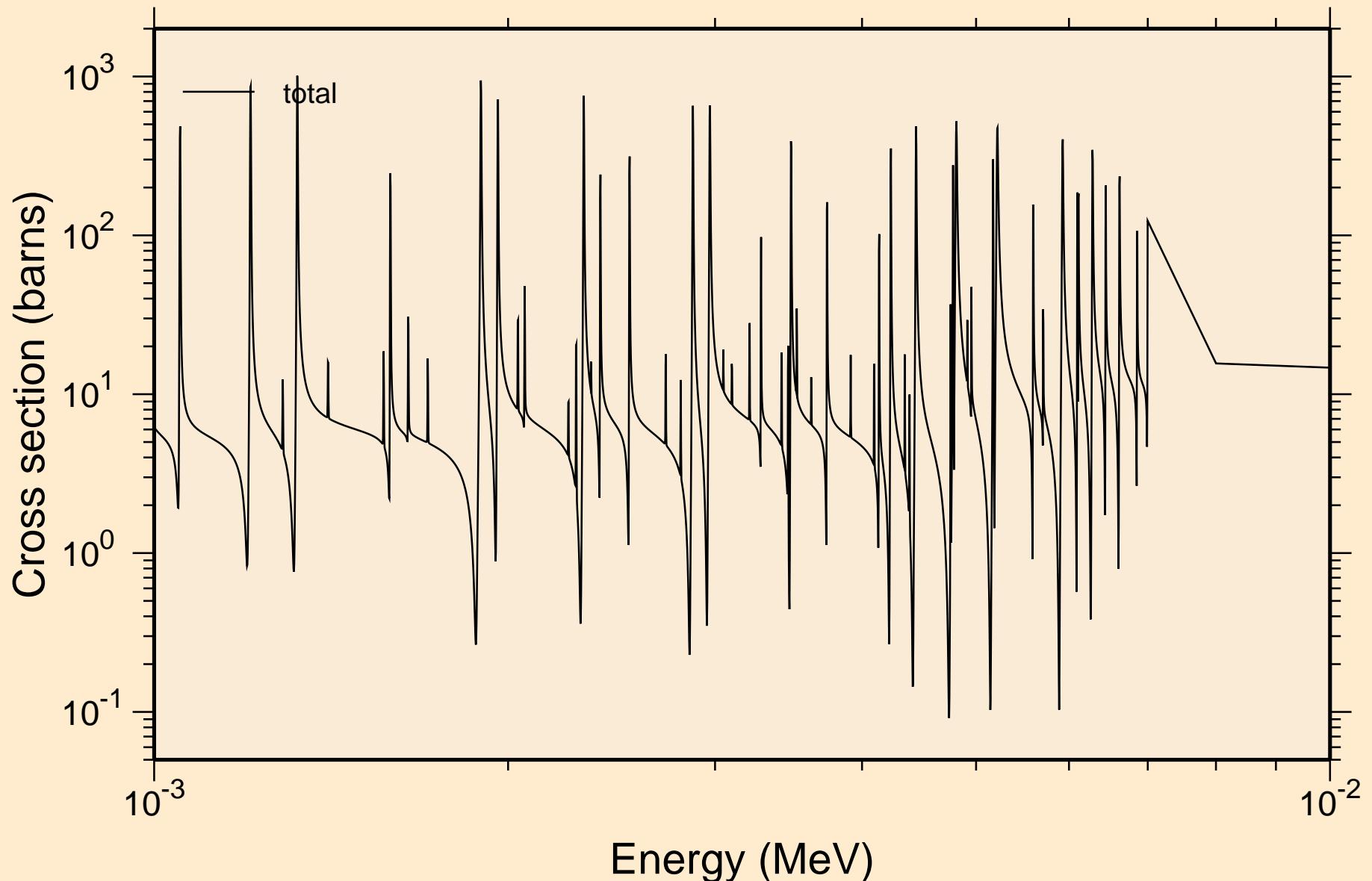
## Principal cross sections



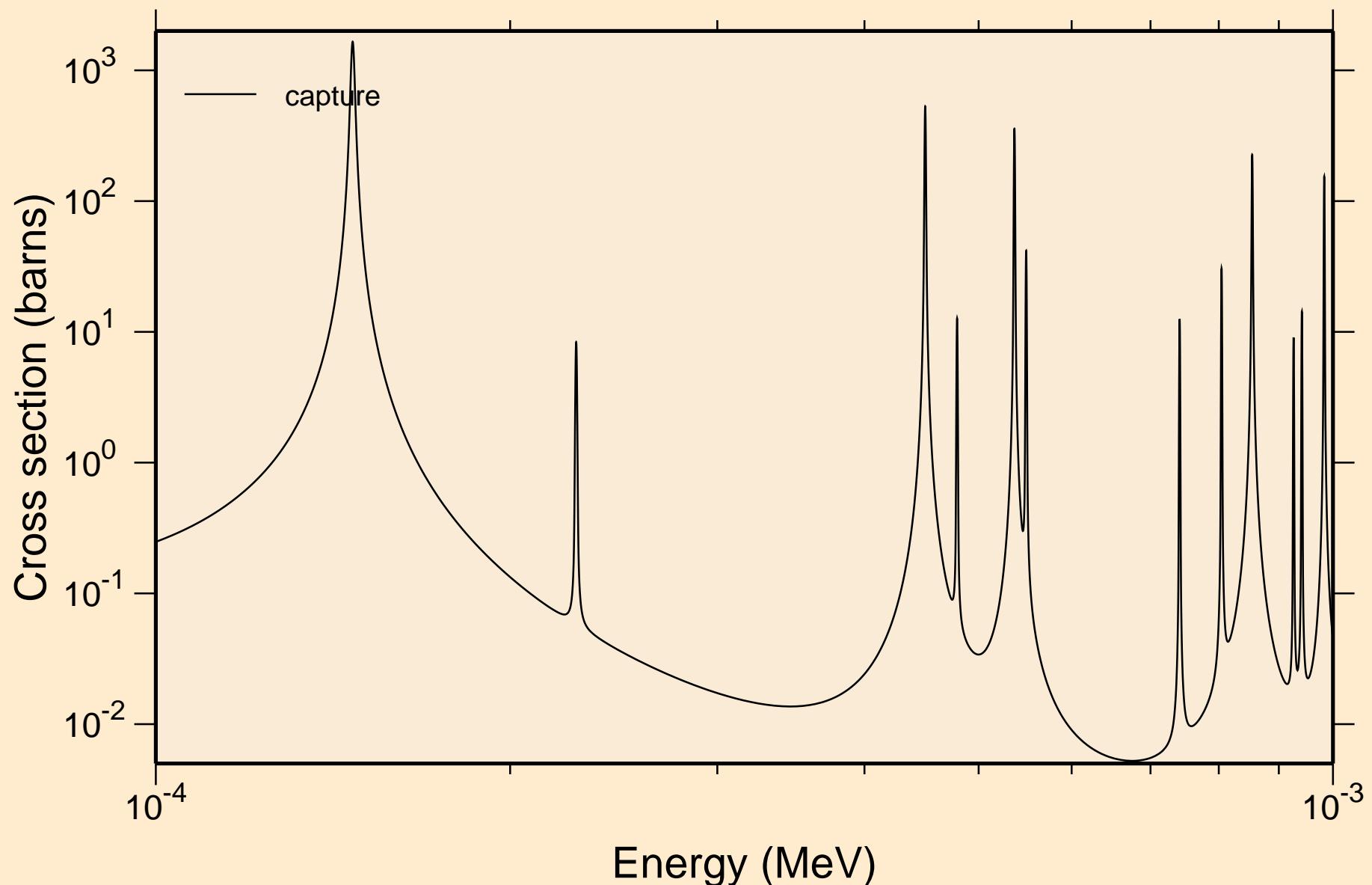
ENDF/B-VII.1 DY-164  
resonance total cross section



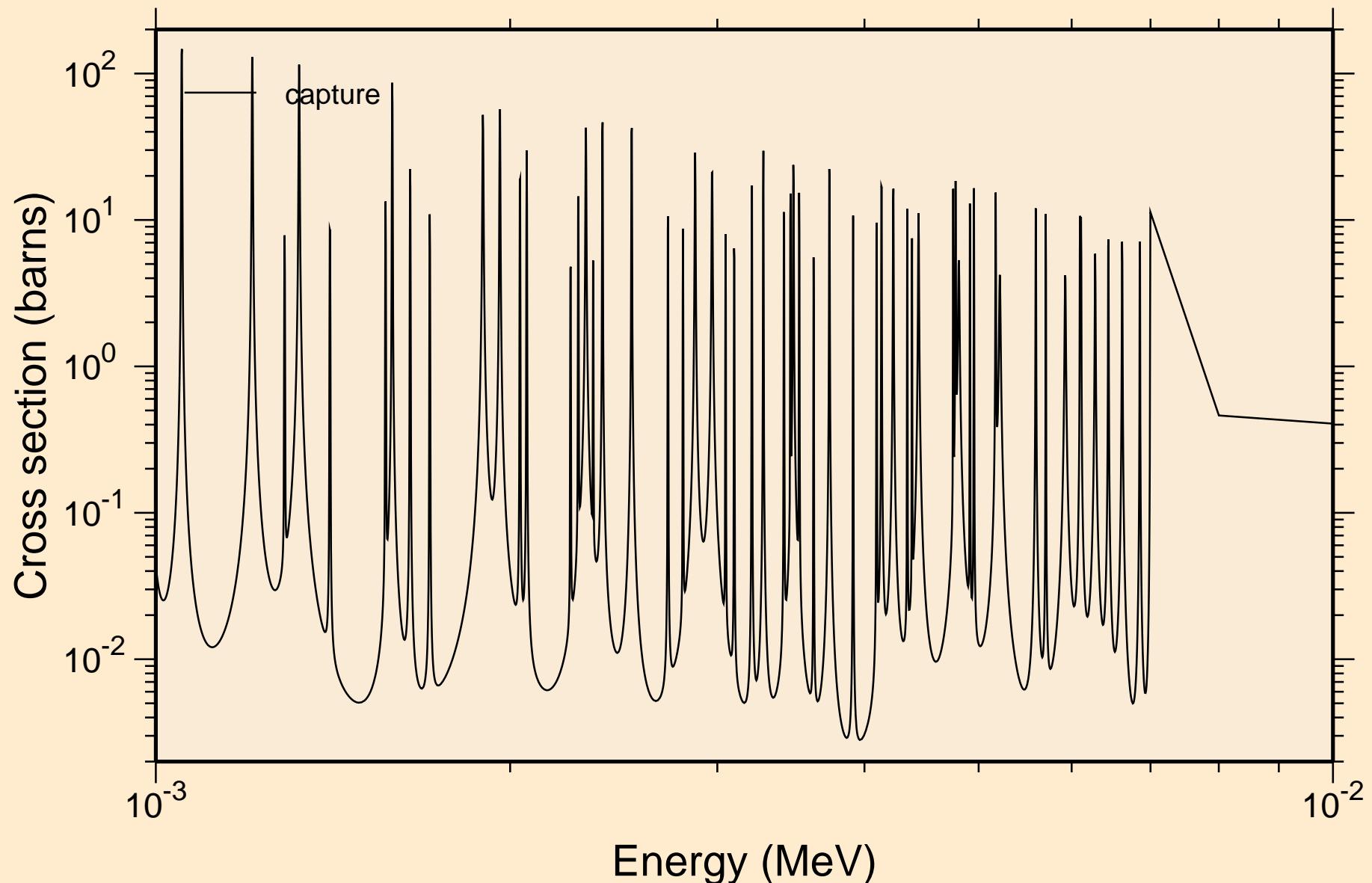
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resonance total cross section



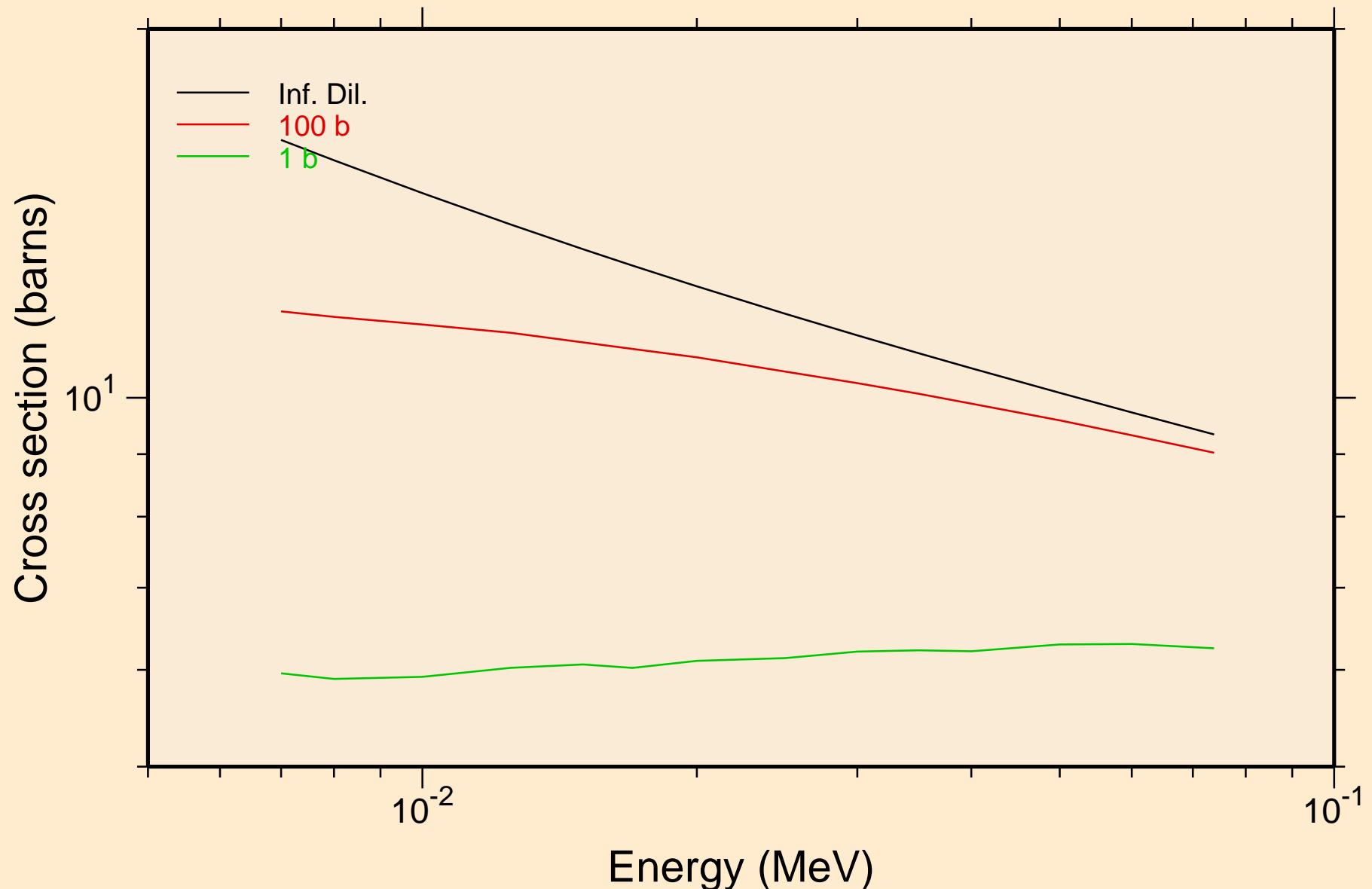
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resonance absorption cross sections



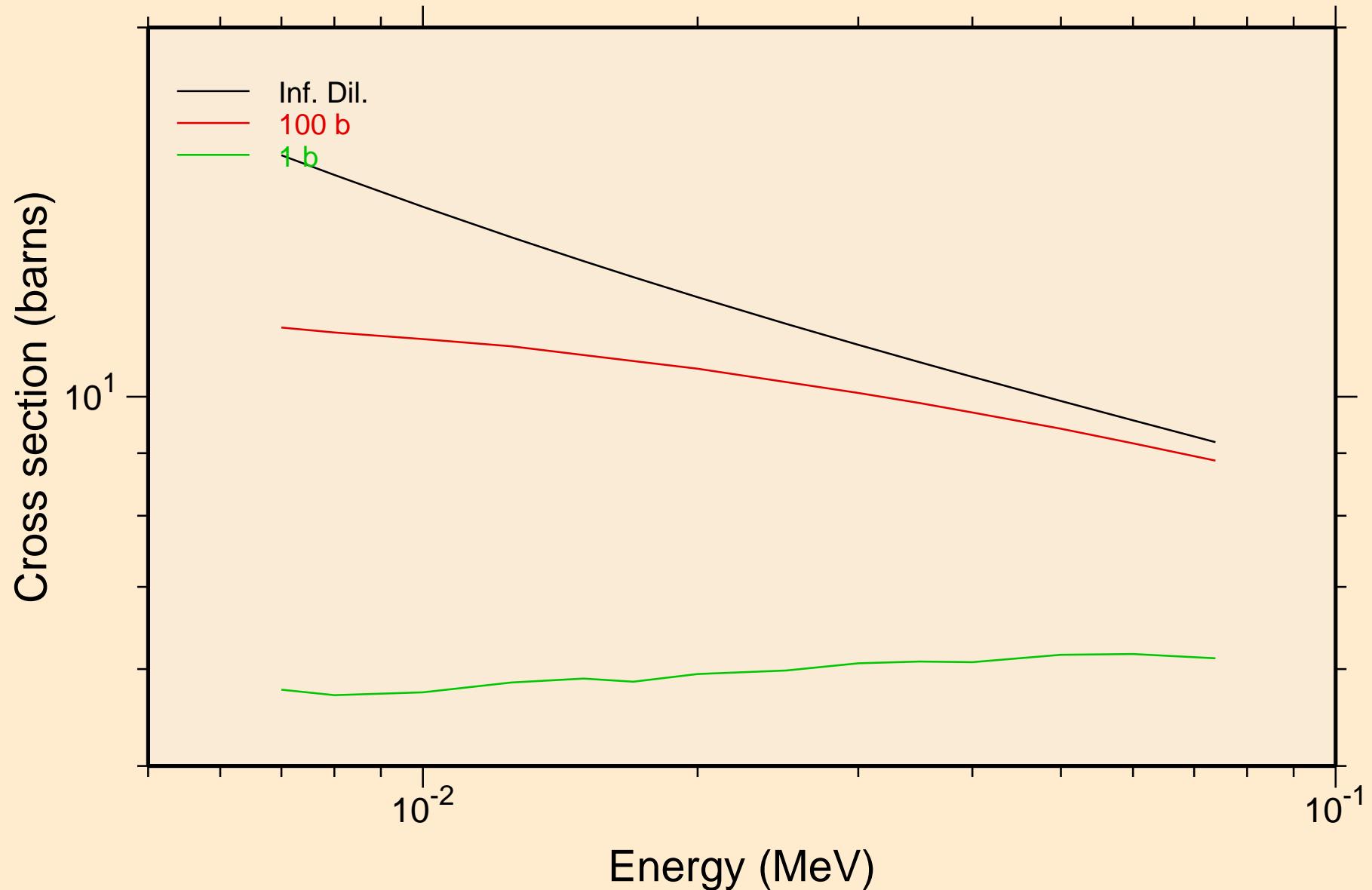
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resonance absorption cross sections



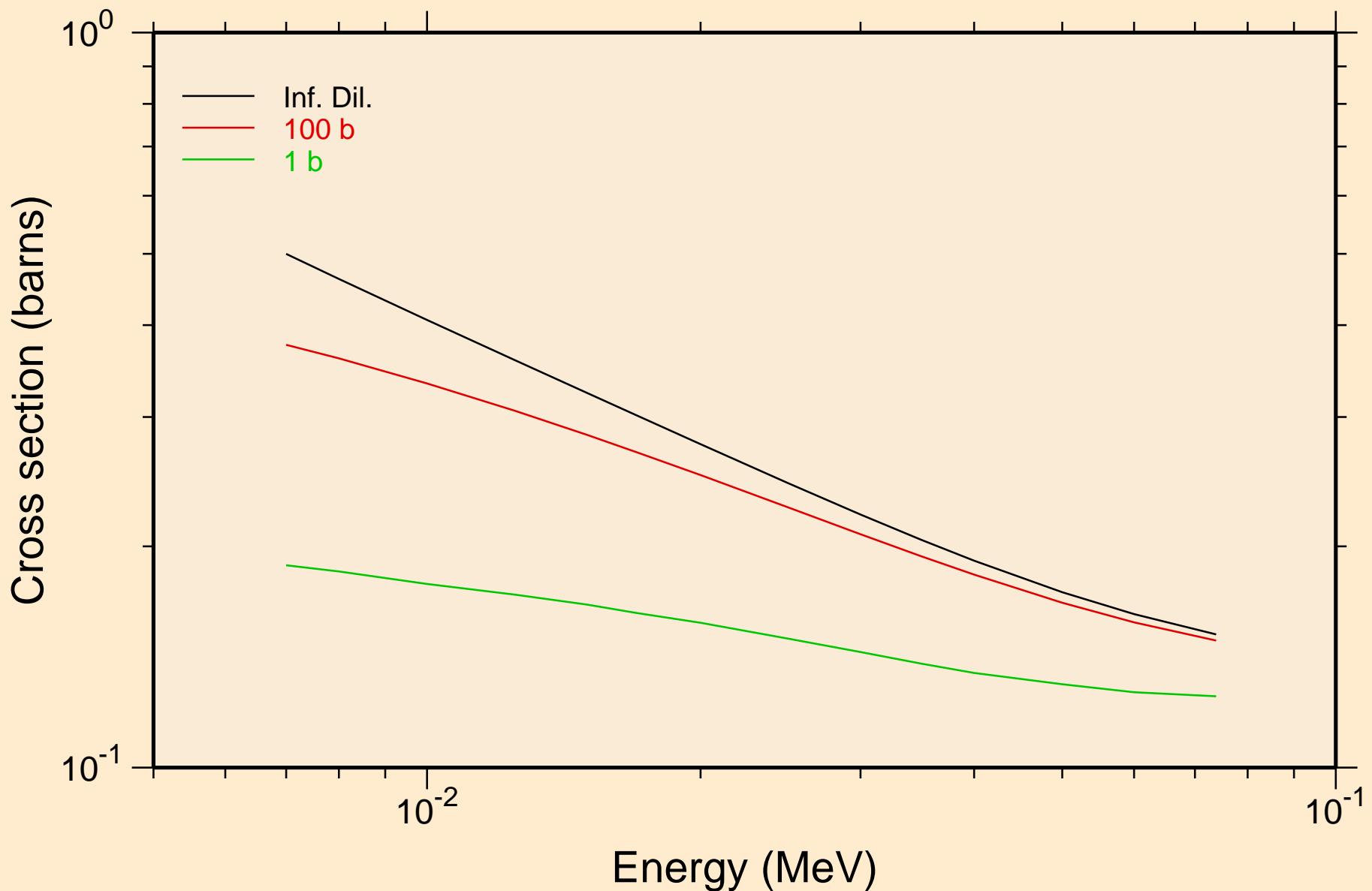
ENDF/B-VII.1 DY-164  
UR total cross section



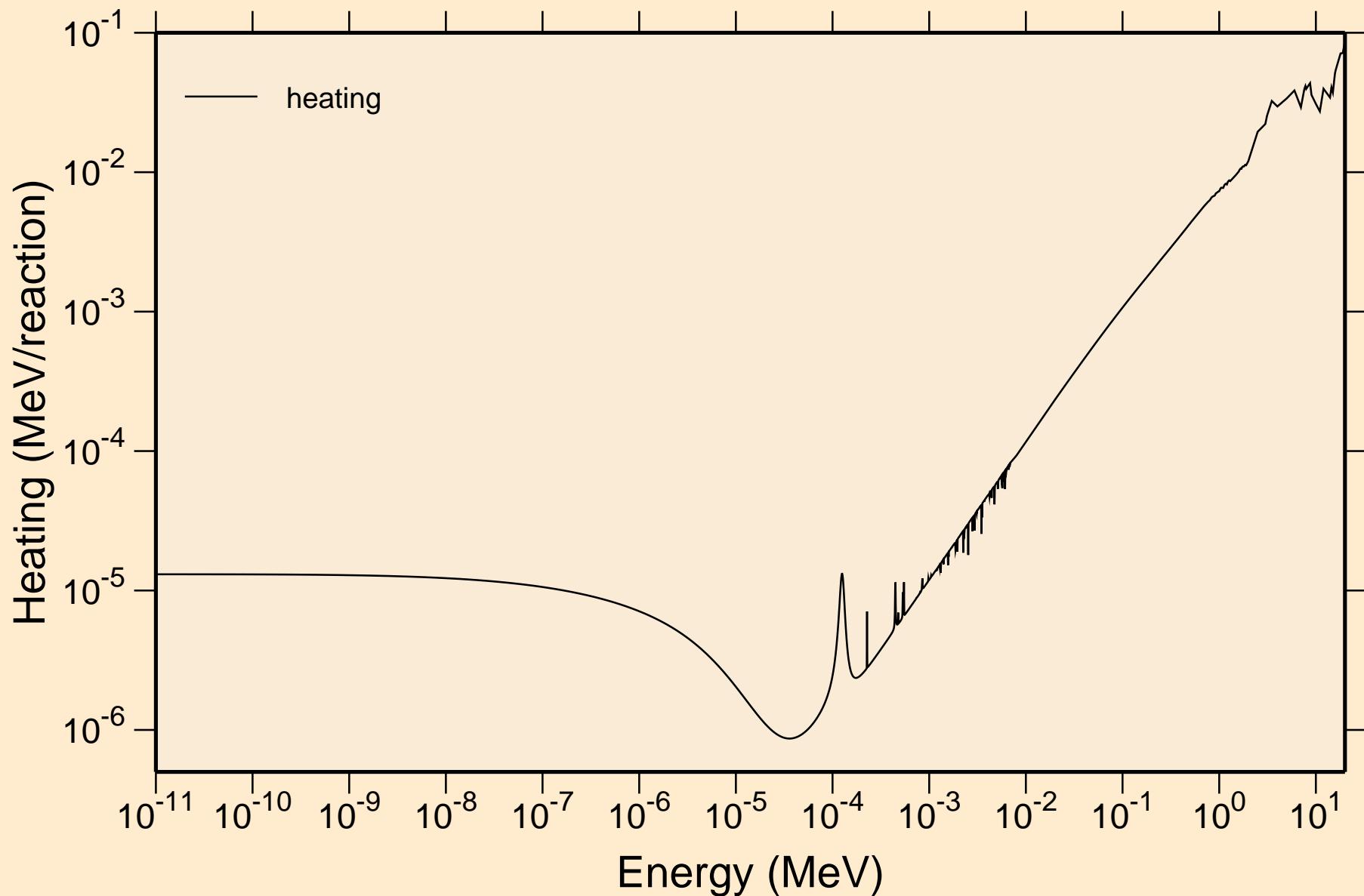
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UR elastic cross section



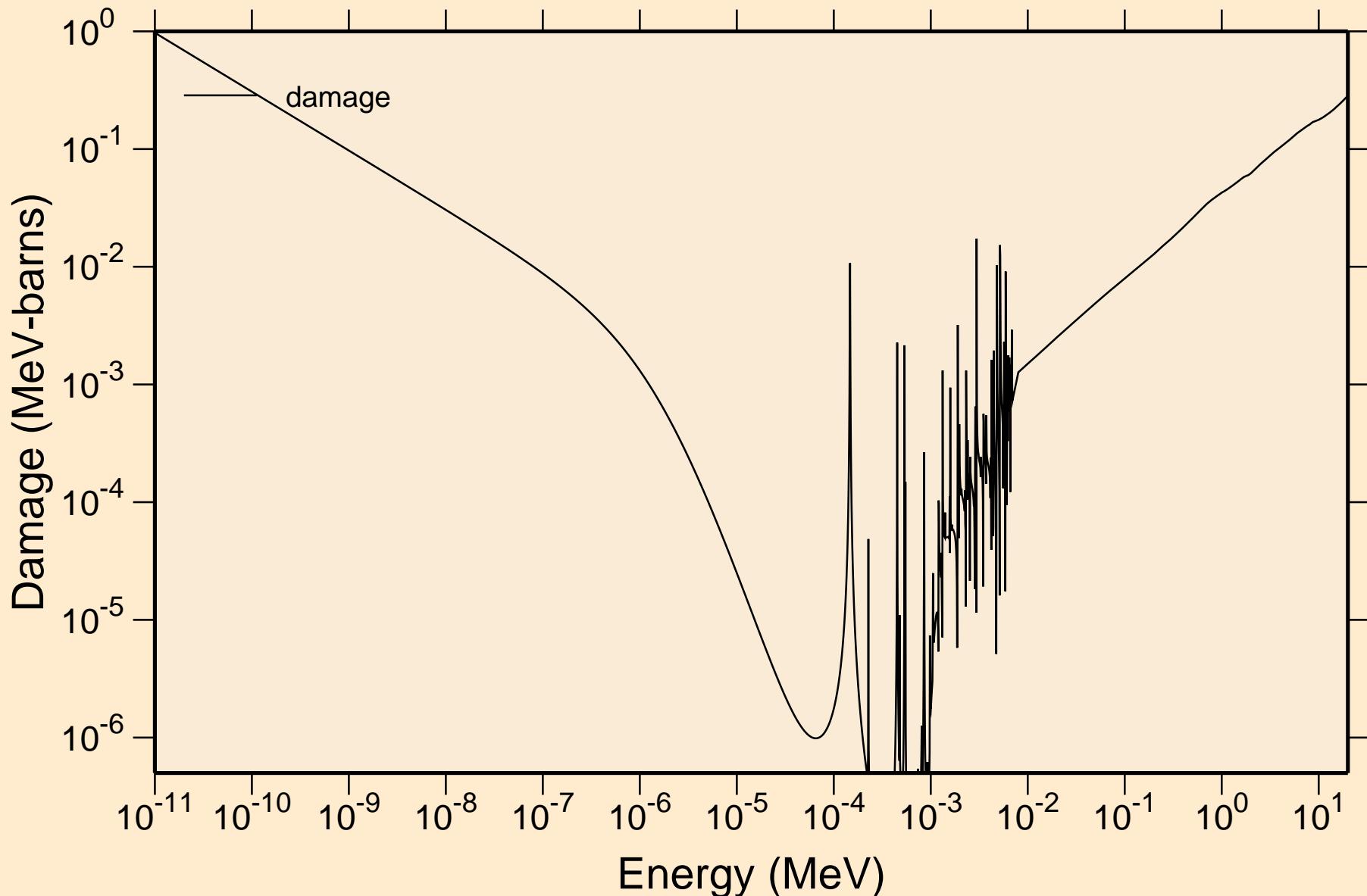
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UR capture cross section



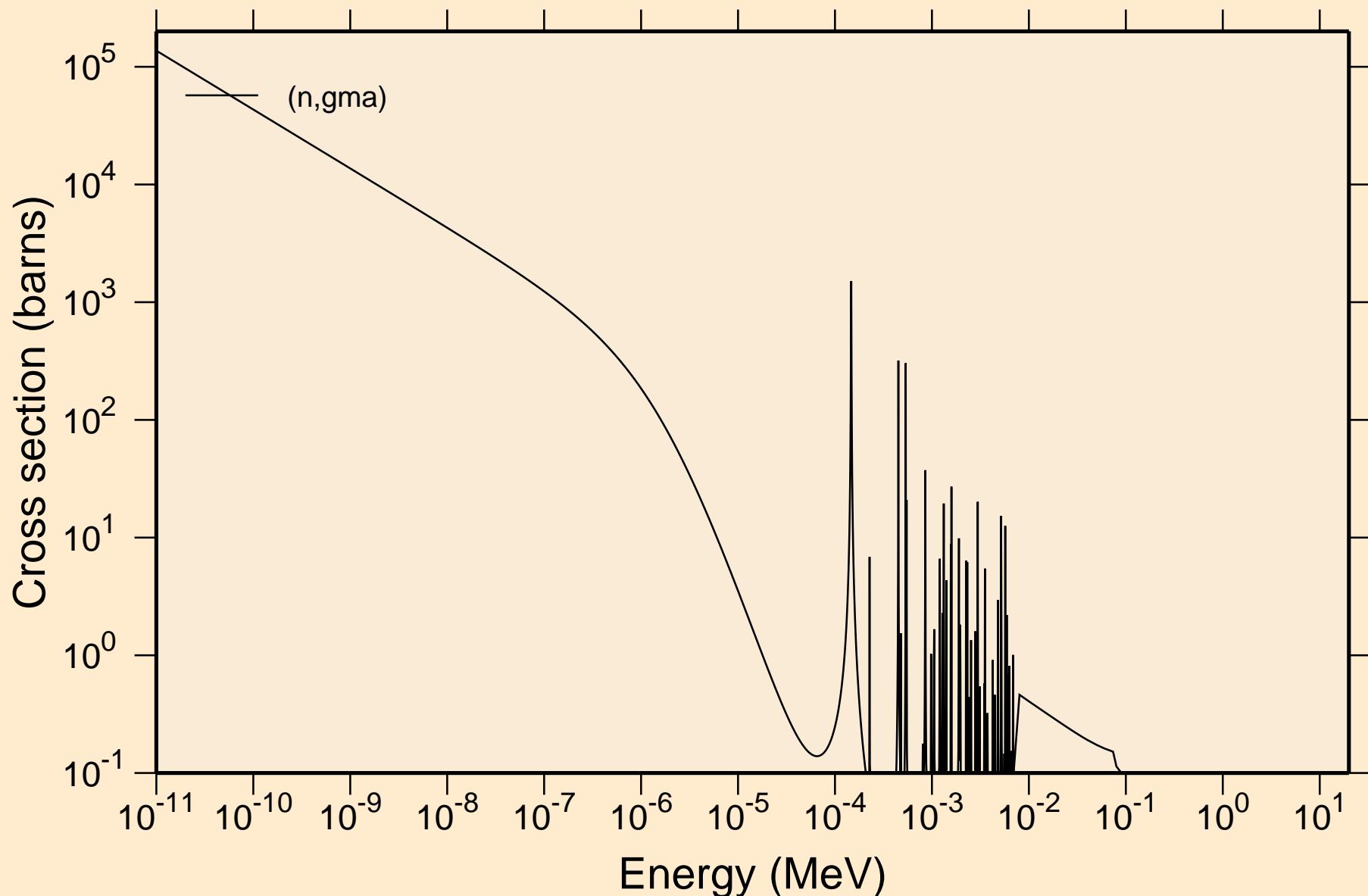
ENDF/B-VII.1 DY-164  
Heating



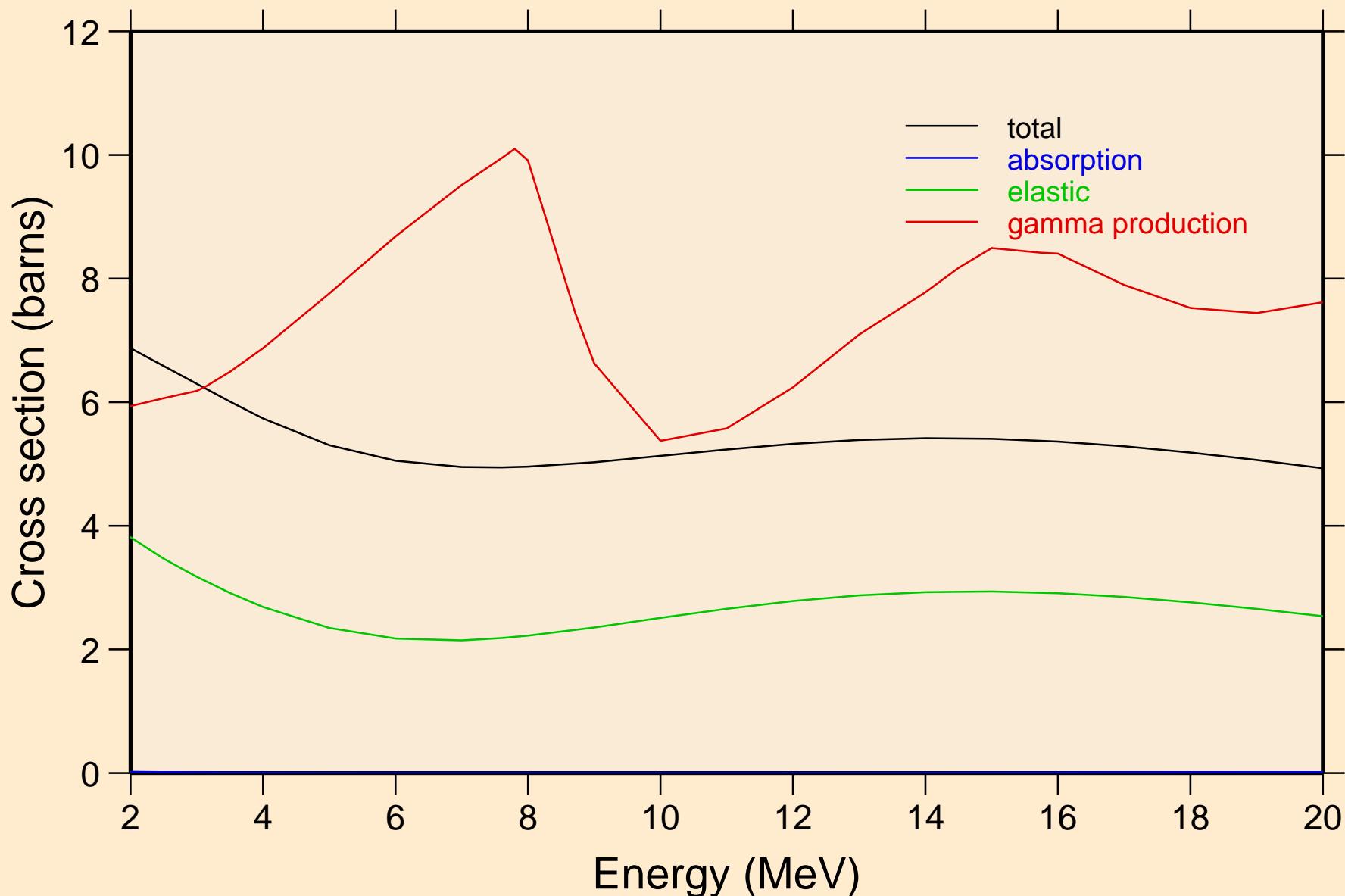
ENDF/B-VII.1 DY-164  
Damage



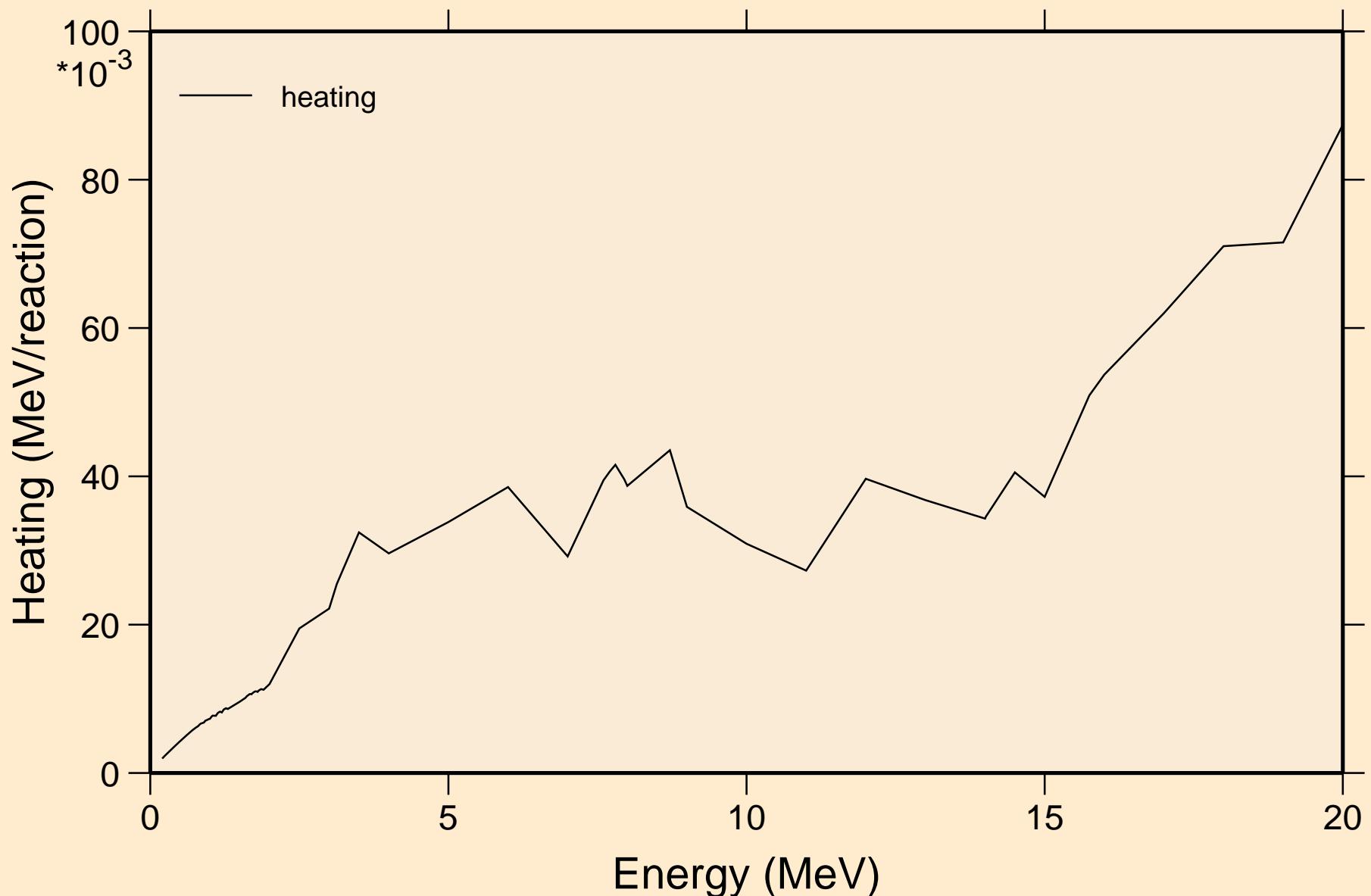
ENDF/B-VII.1 DY-164  
Non-threshold reactions



ENDF/B-VII.1 DY-164  
Principal cross sections

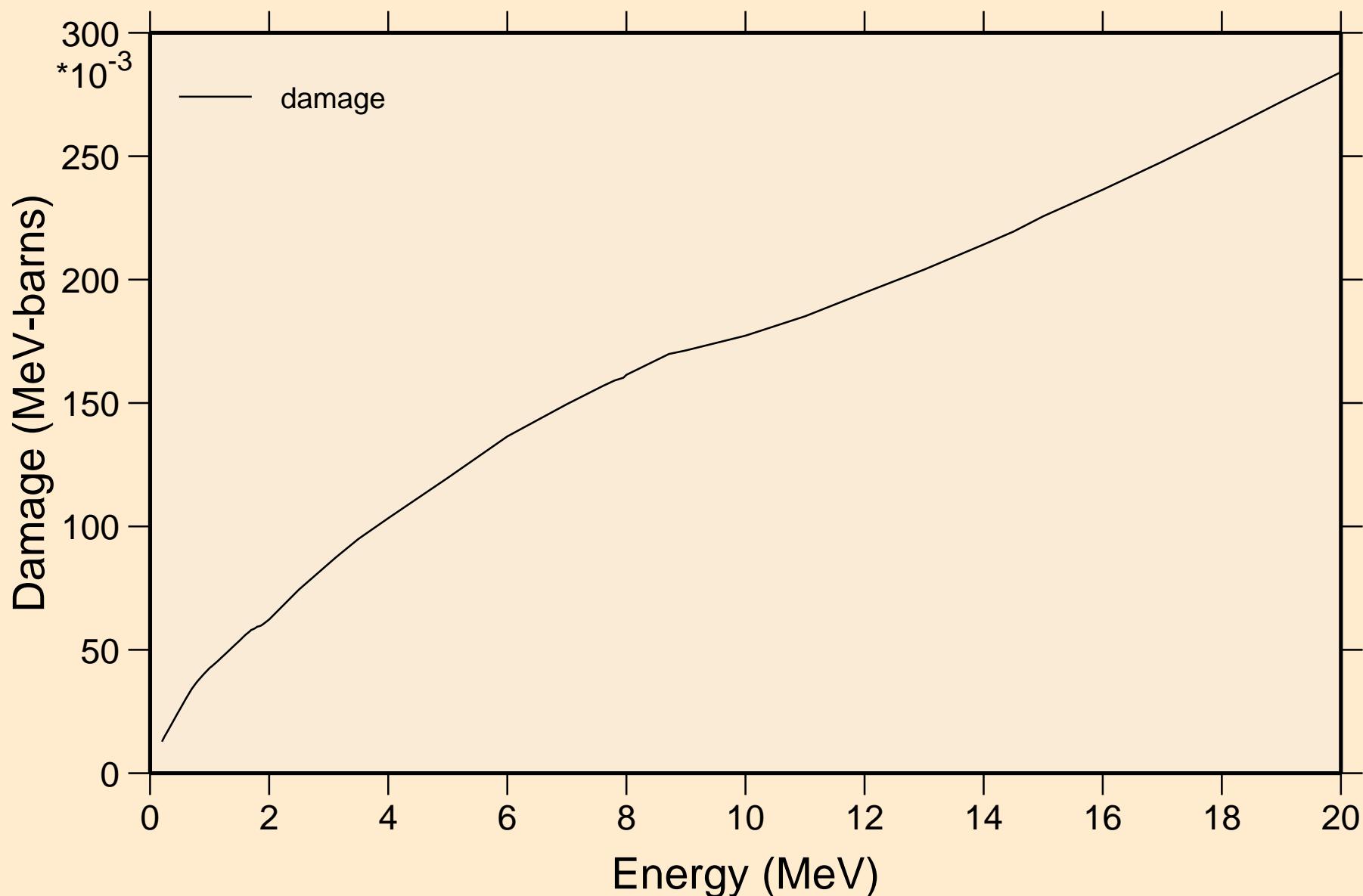


ENDF/B-VII.1 DY-164  
Heating

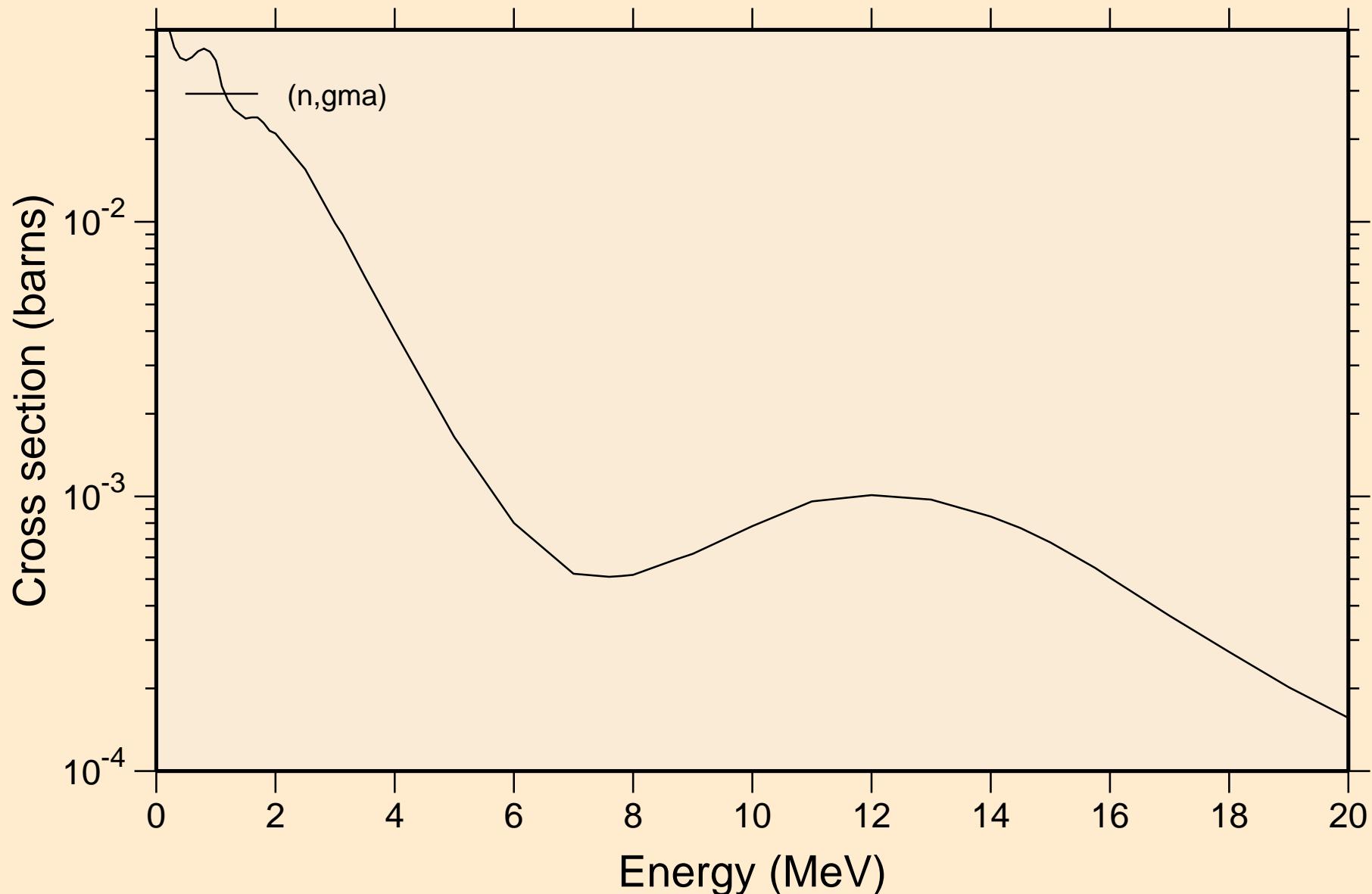


# ENDF/B-VII.1 DY-164

## Damage

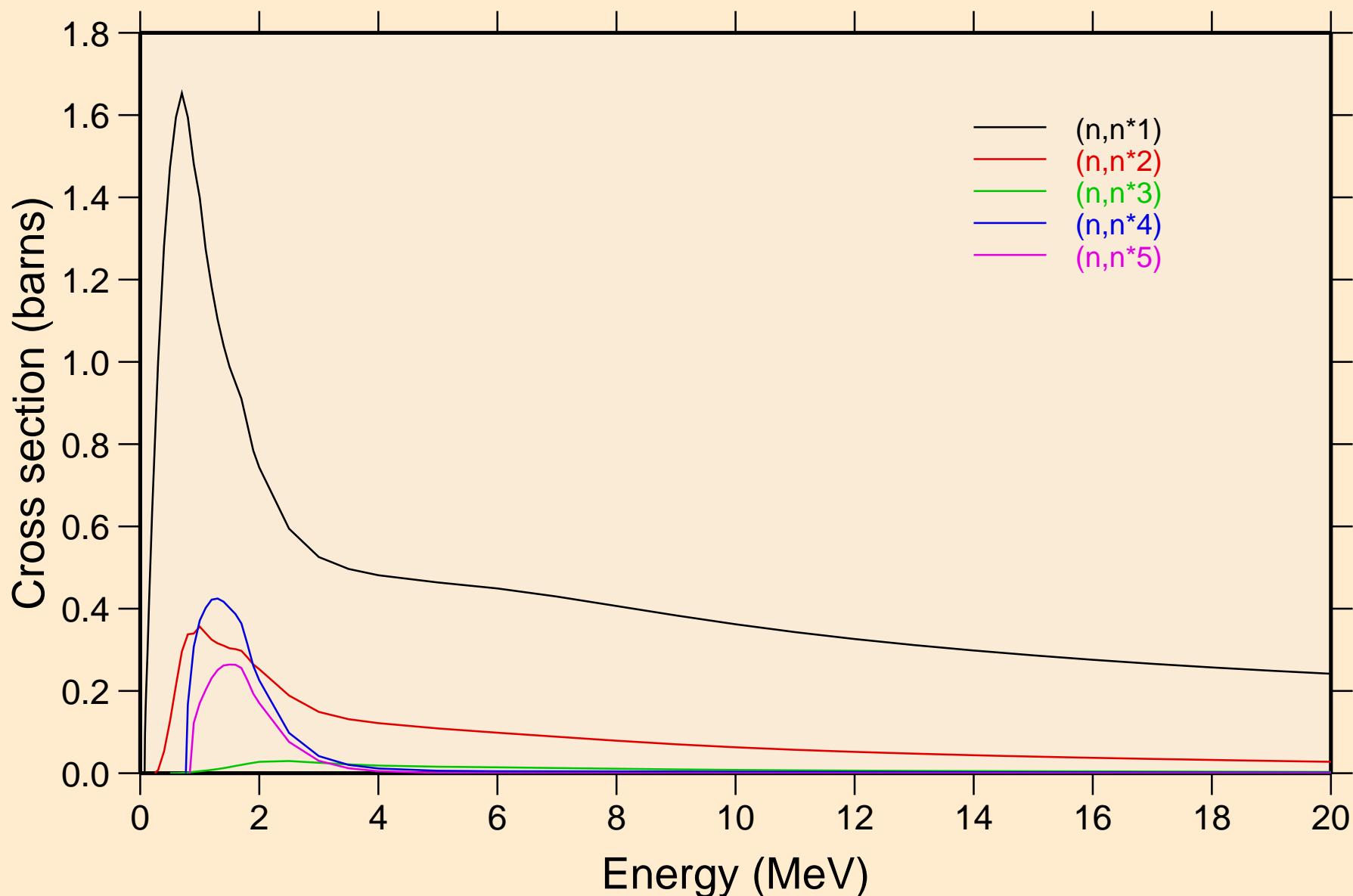


ENDF/B-VII.1 DY-164  
Non-threshold reactions



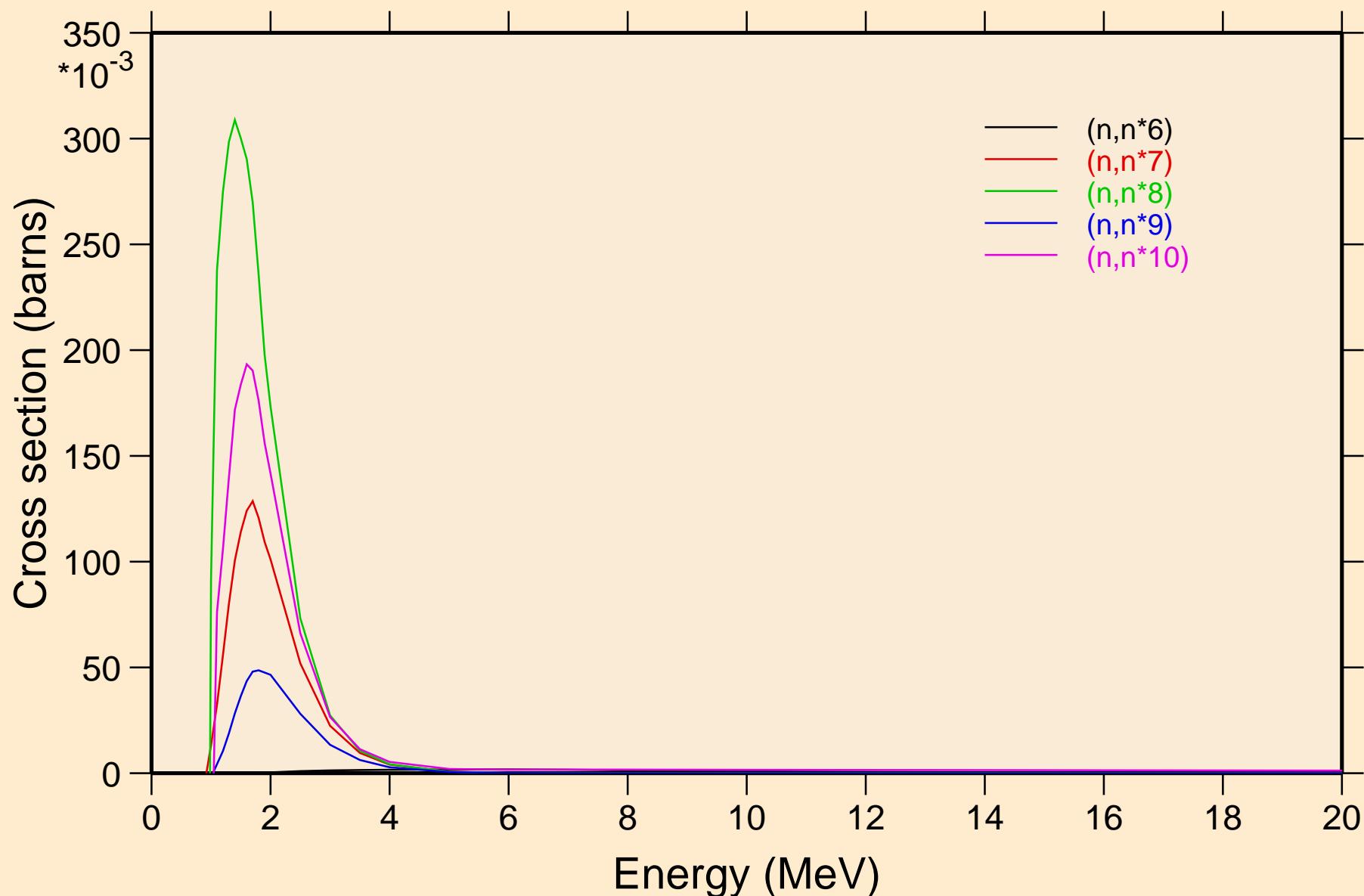
# ENDF/B-VII.1 DY-164

## Inelastic levels



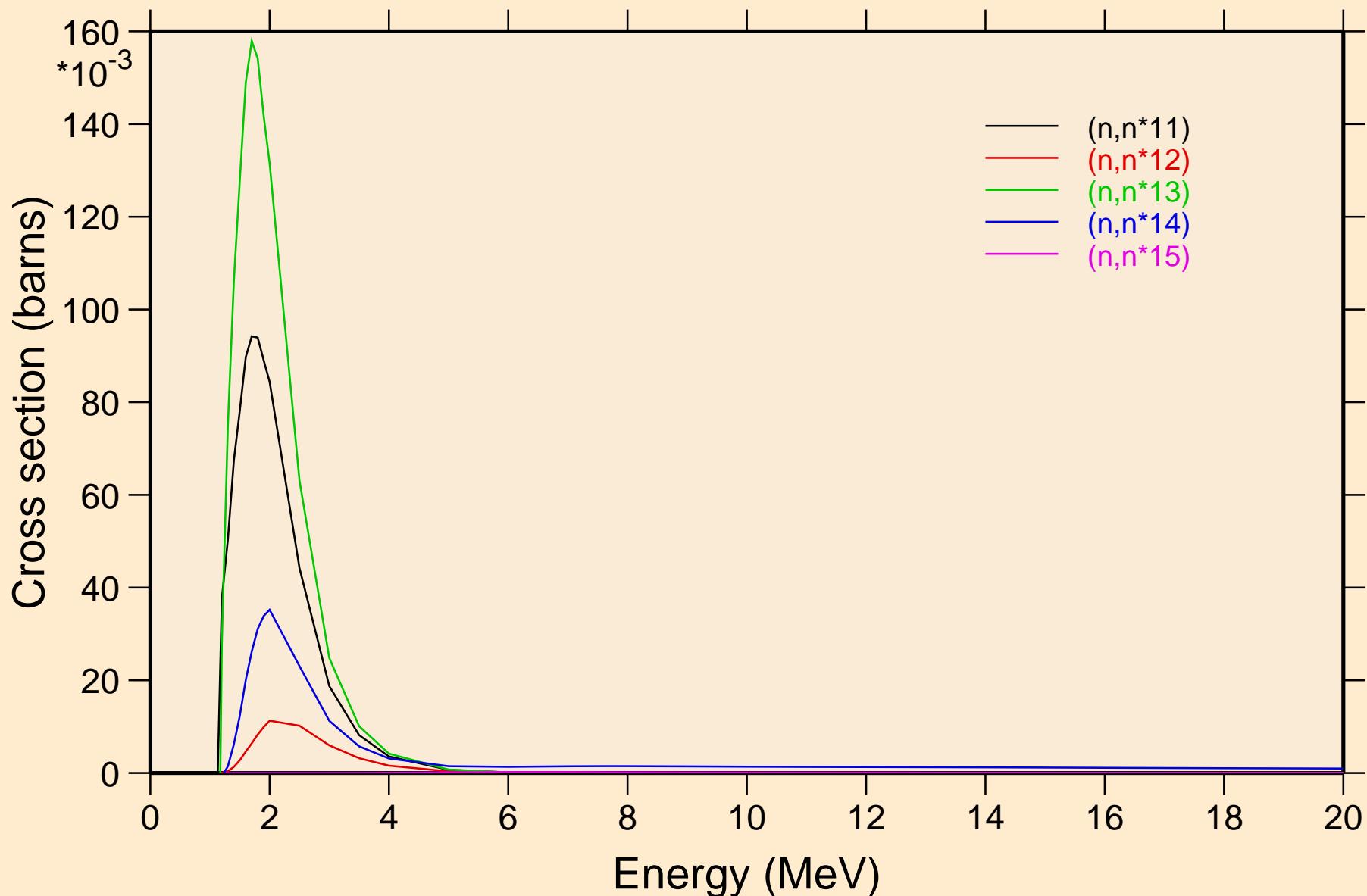
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## Inelastic levels



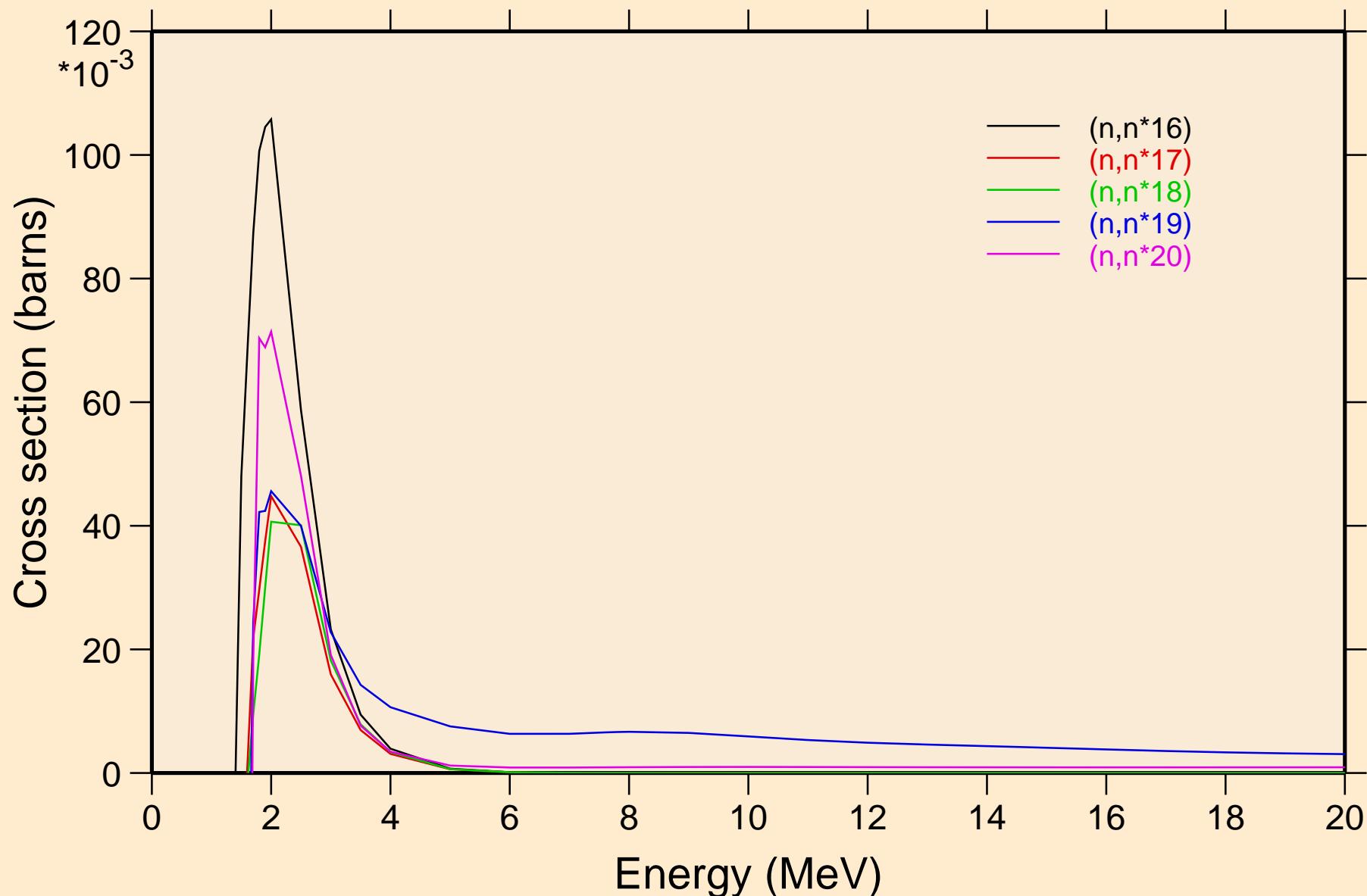
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## Inelastic levels



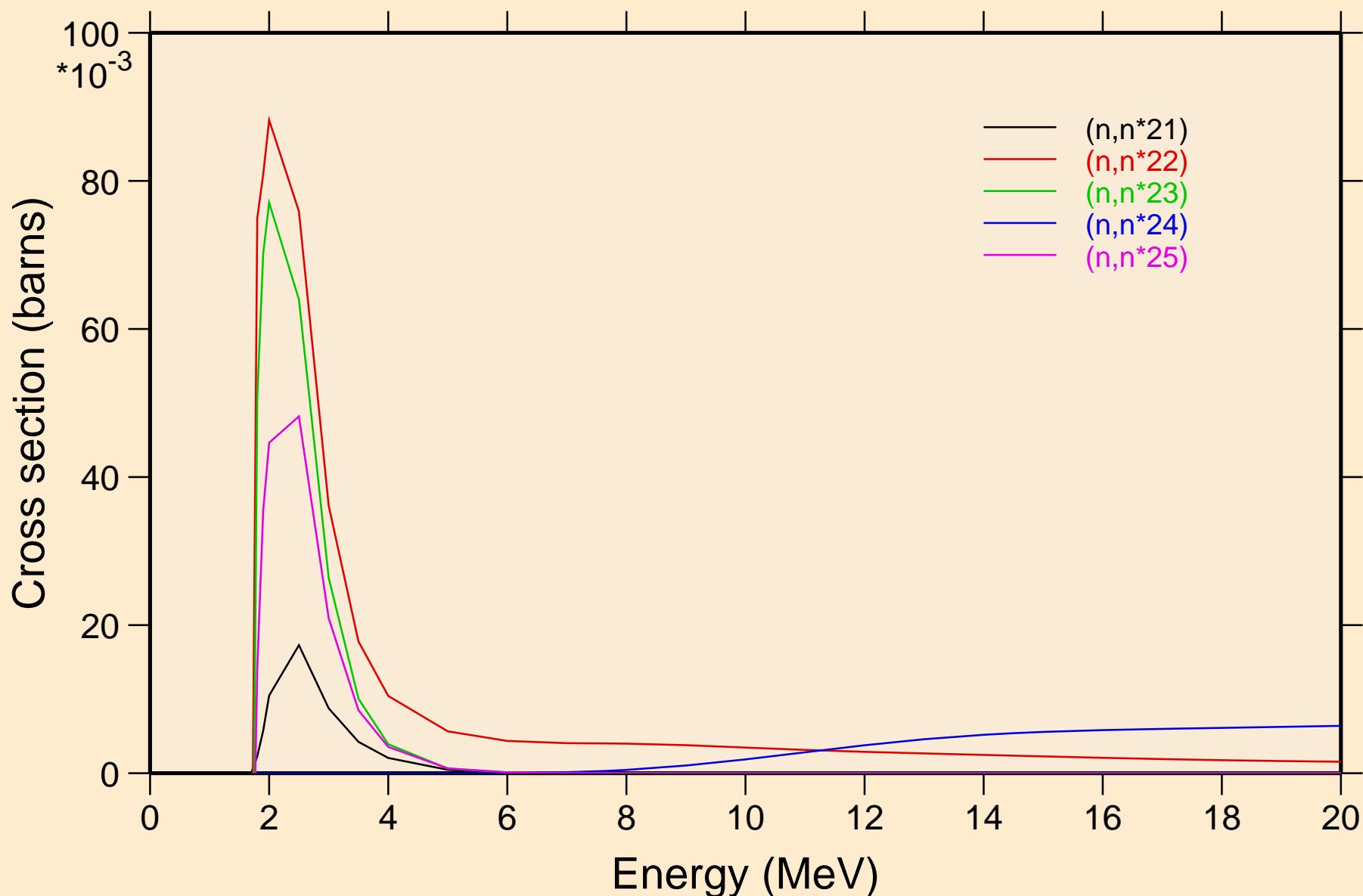
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## Inelastic levels



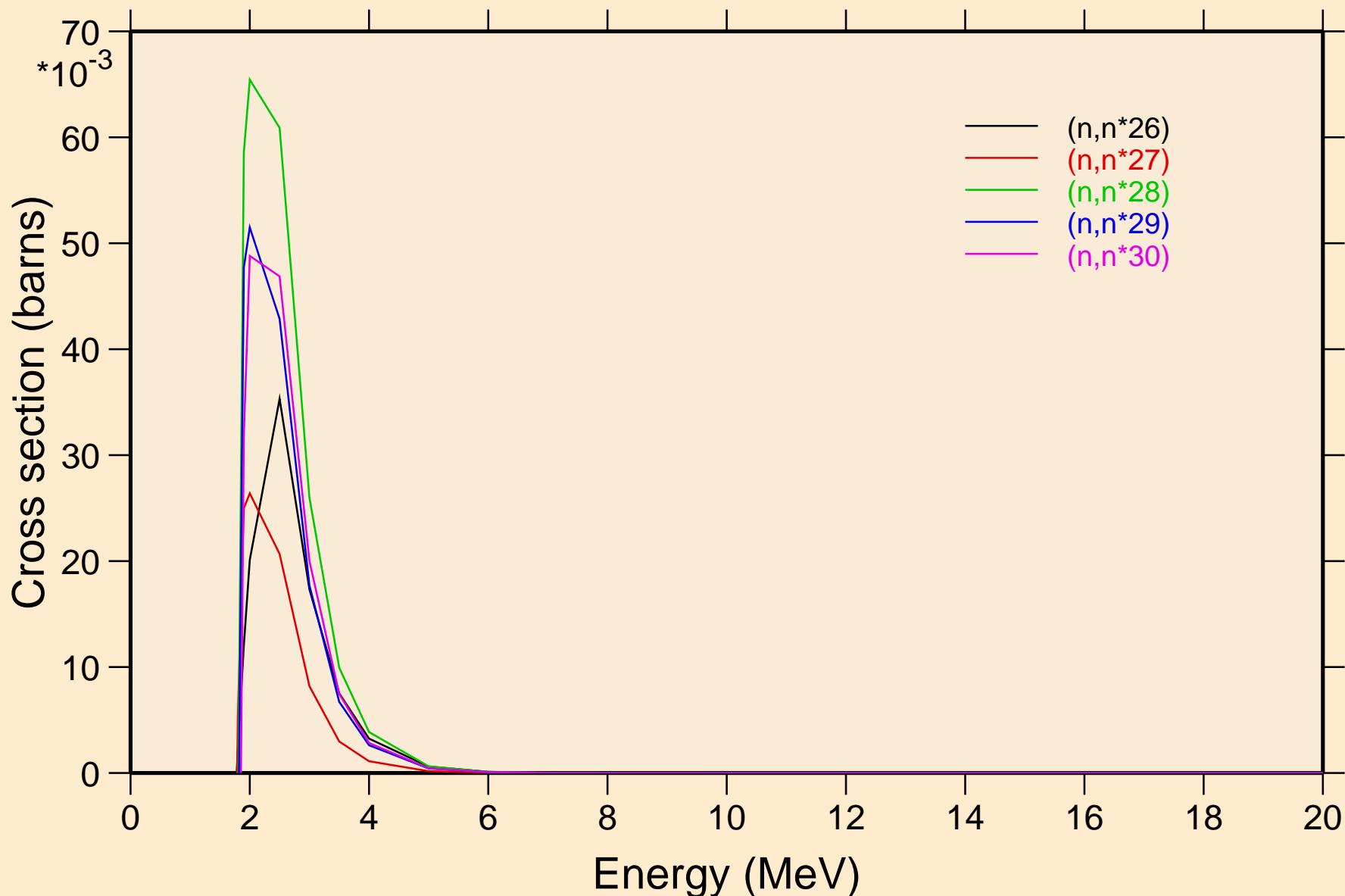
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## Inelastic levels



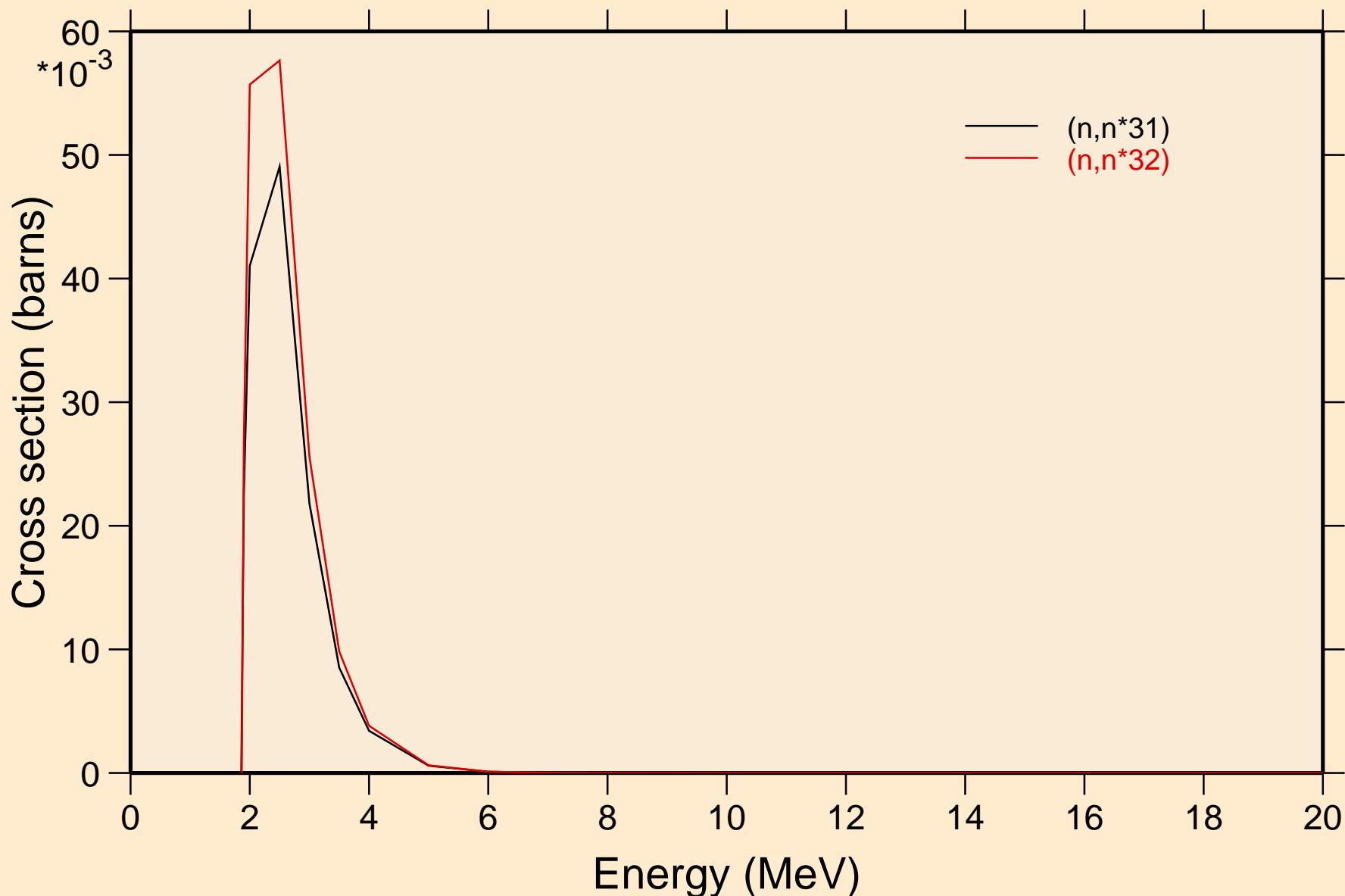
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## Inelastic levels



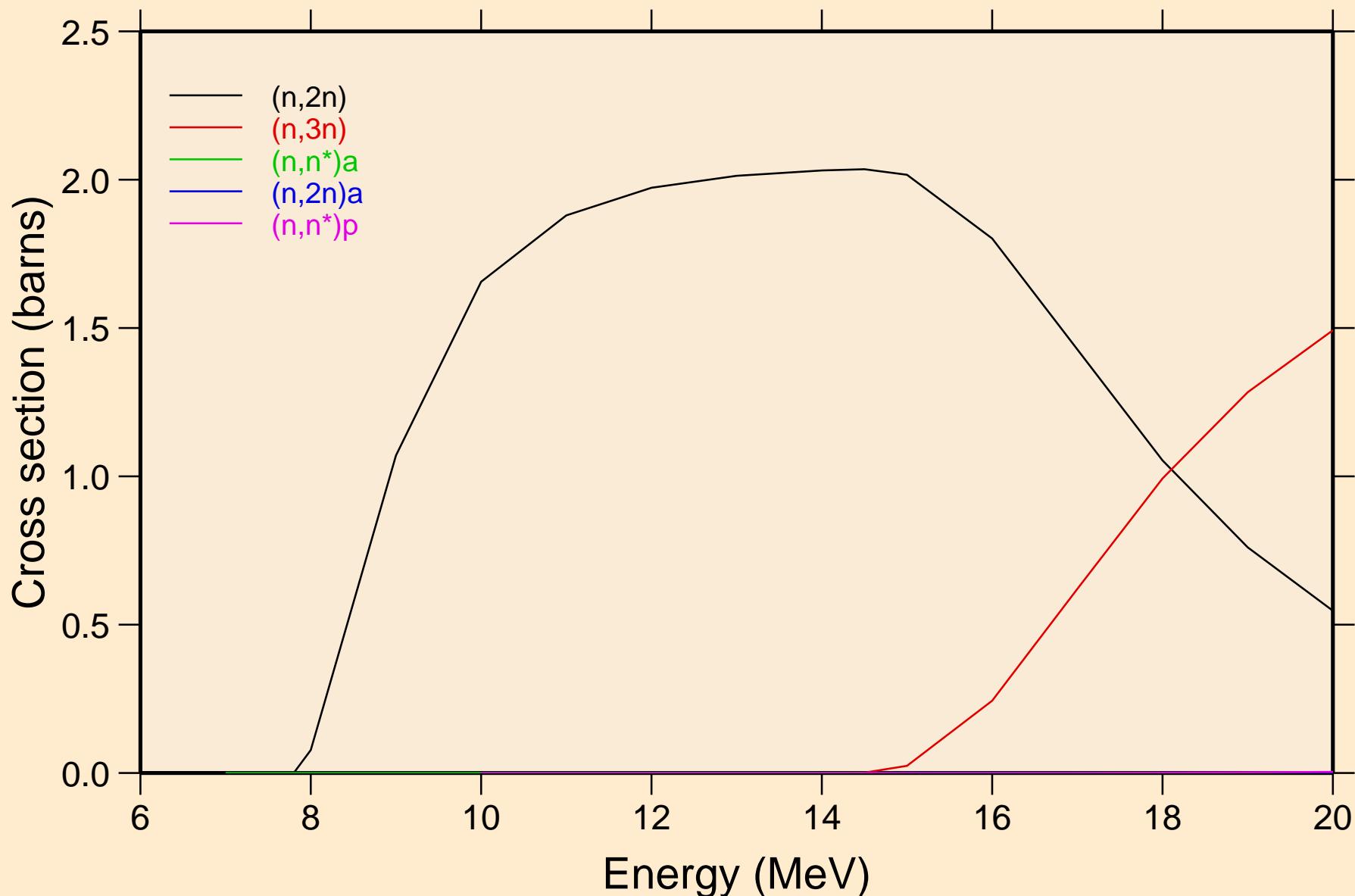
ENDF/B-VII.1 DY-164

## Inelastic levels



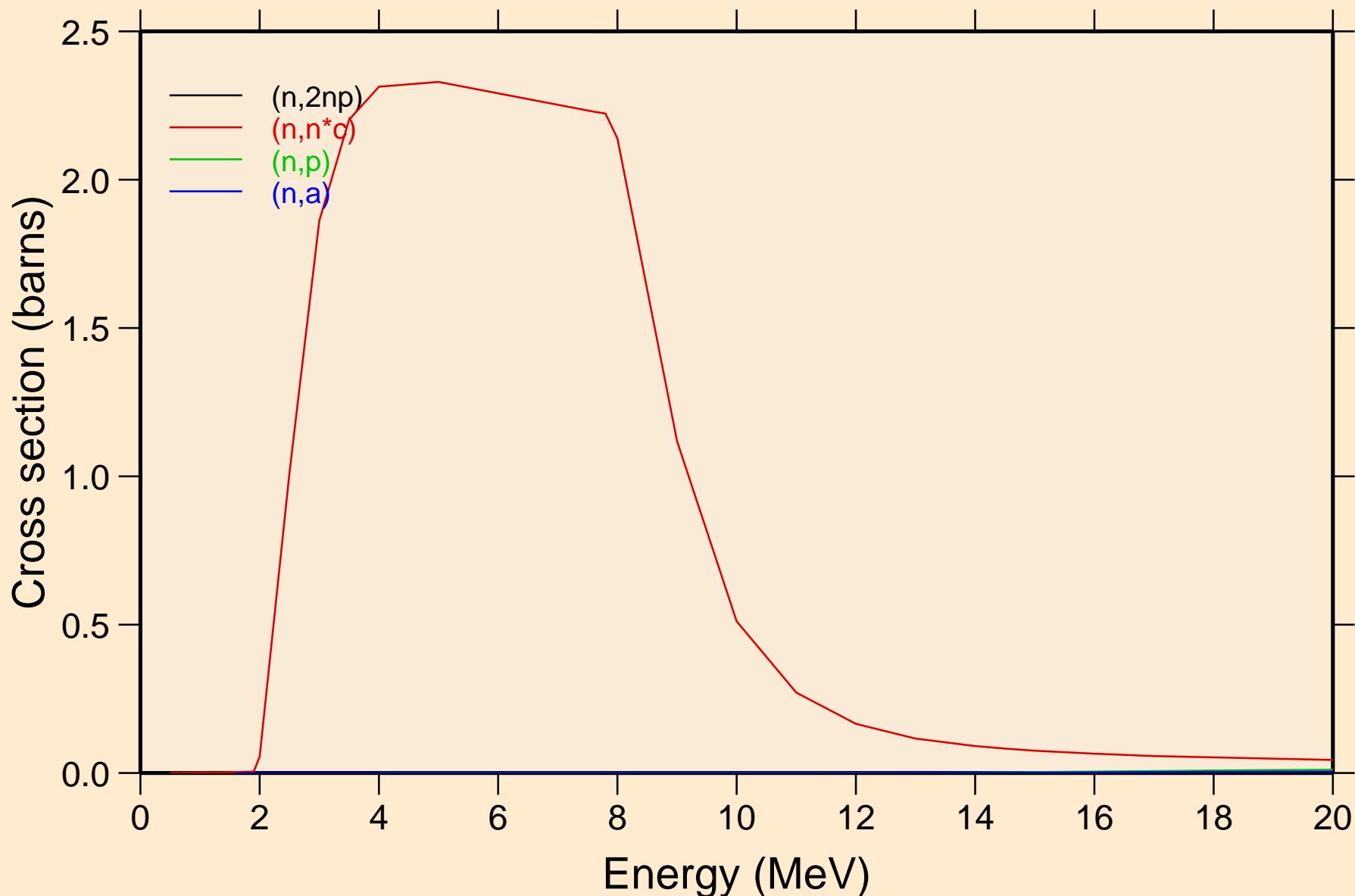
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## Threshold reactions



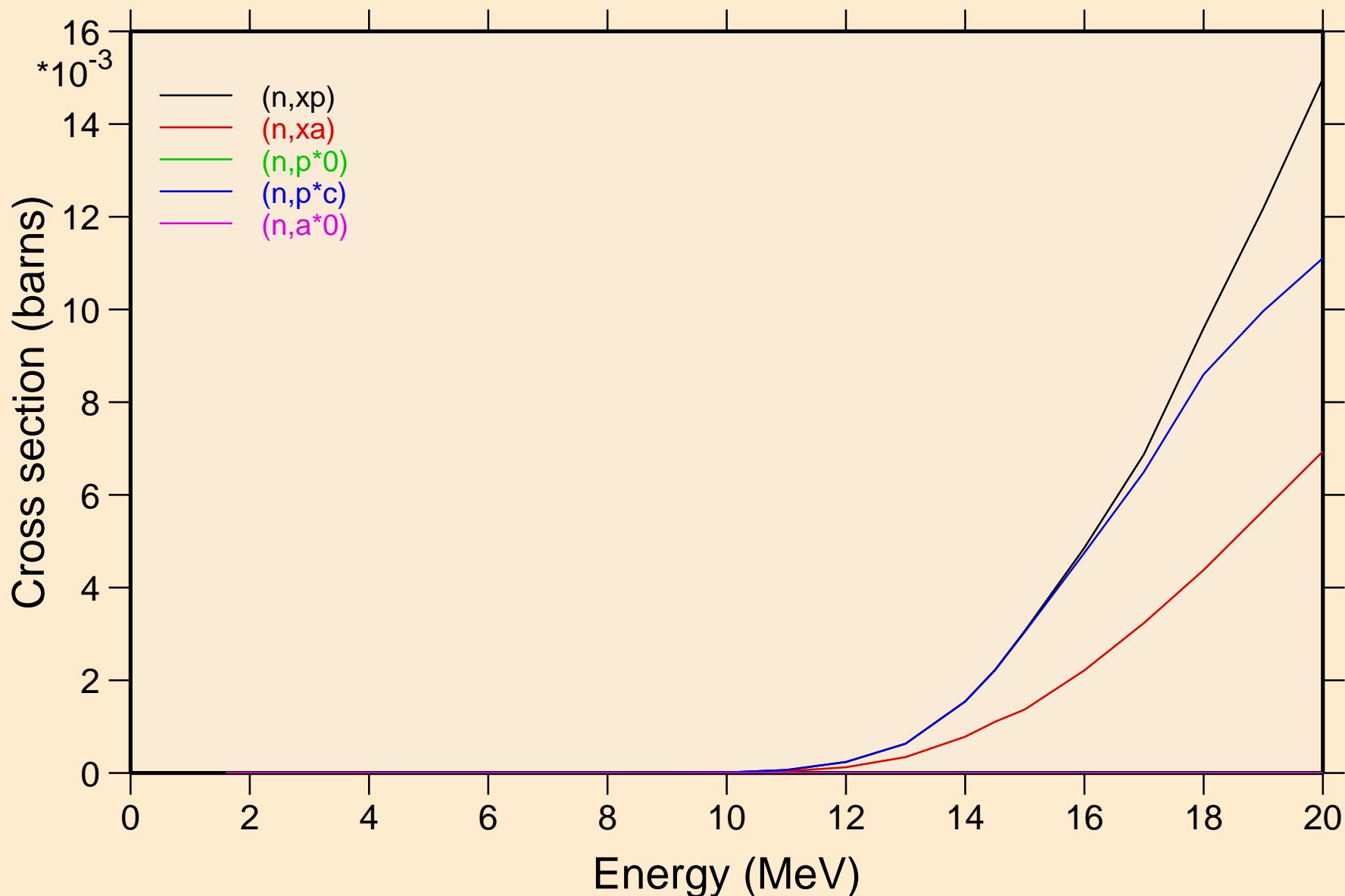
# ENDF/B-VII.1 DY-164

## Threshold reactions



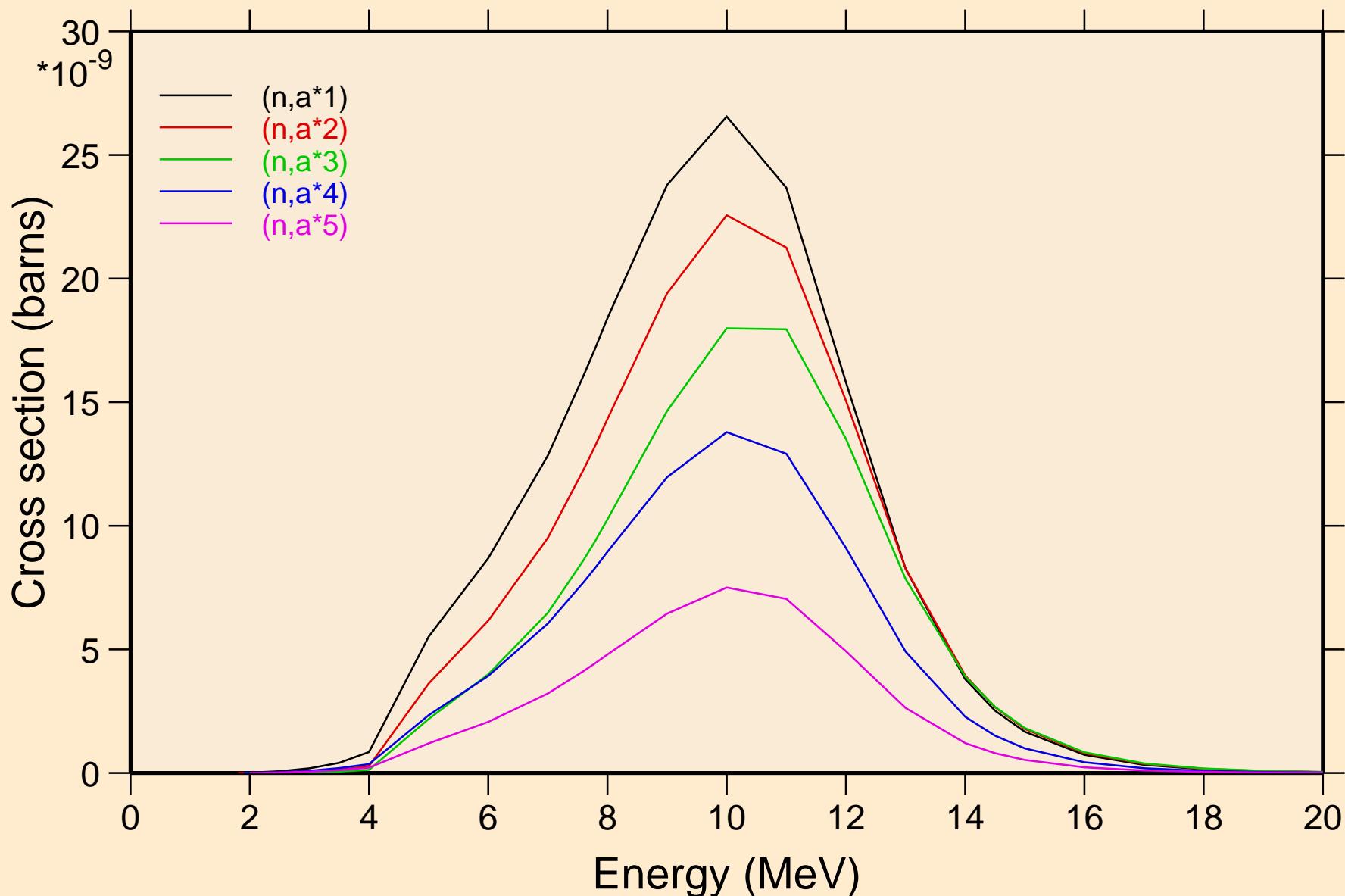
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## Threshold reactions



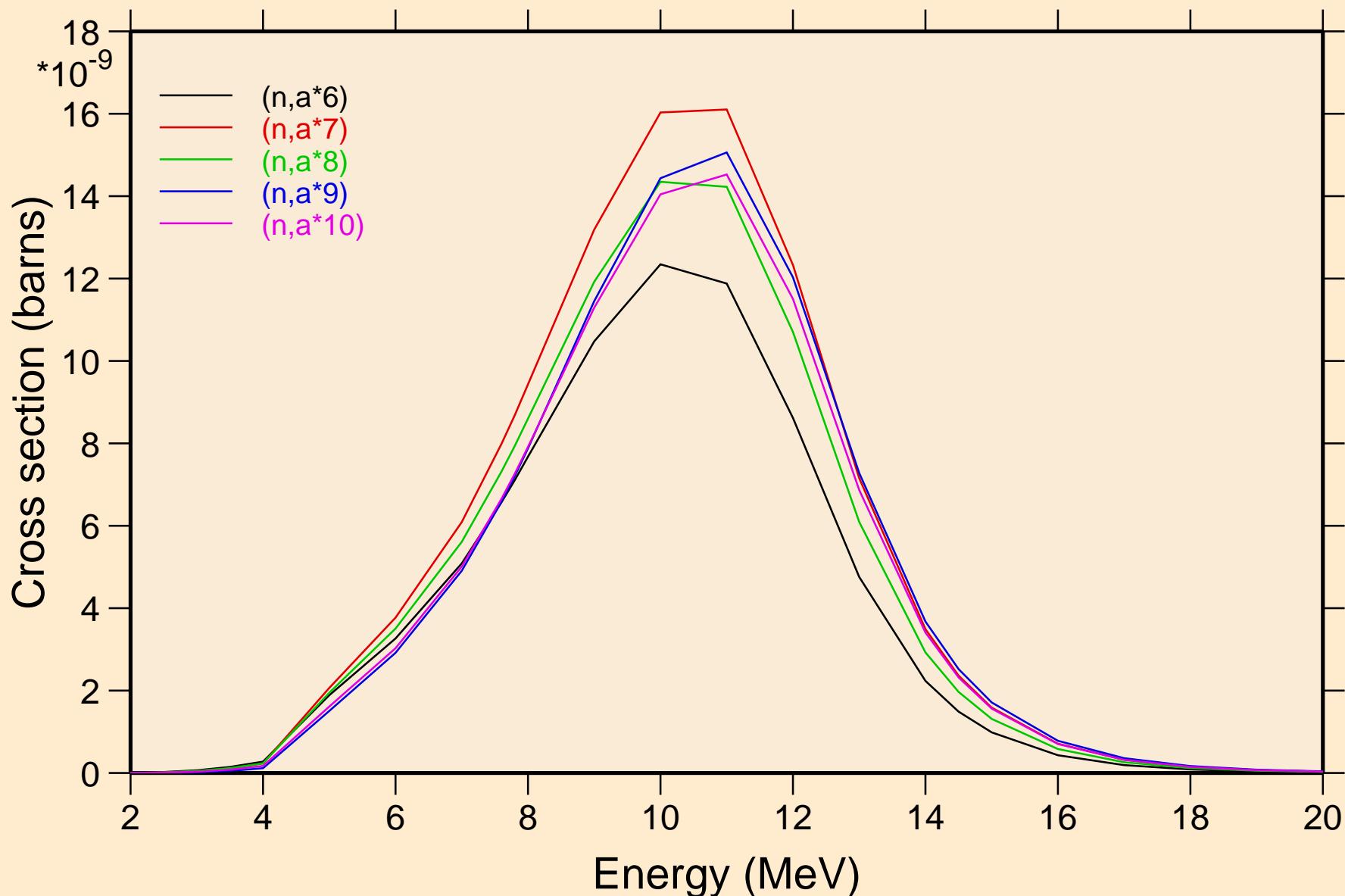
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## Threshold reactions



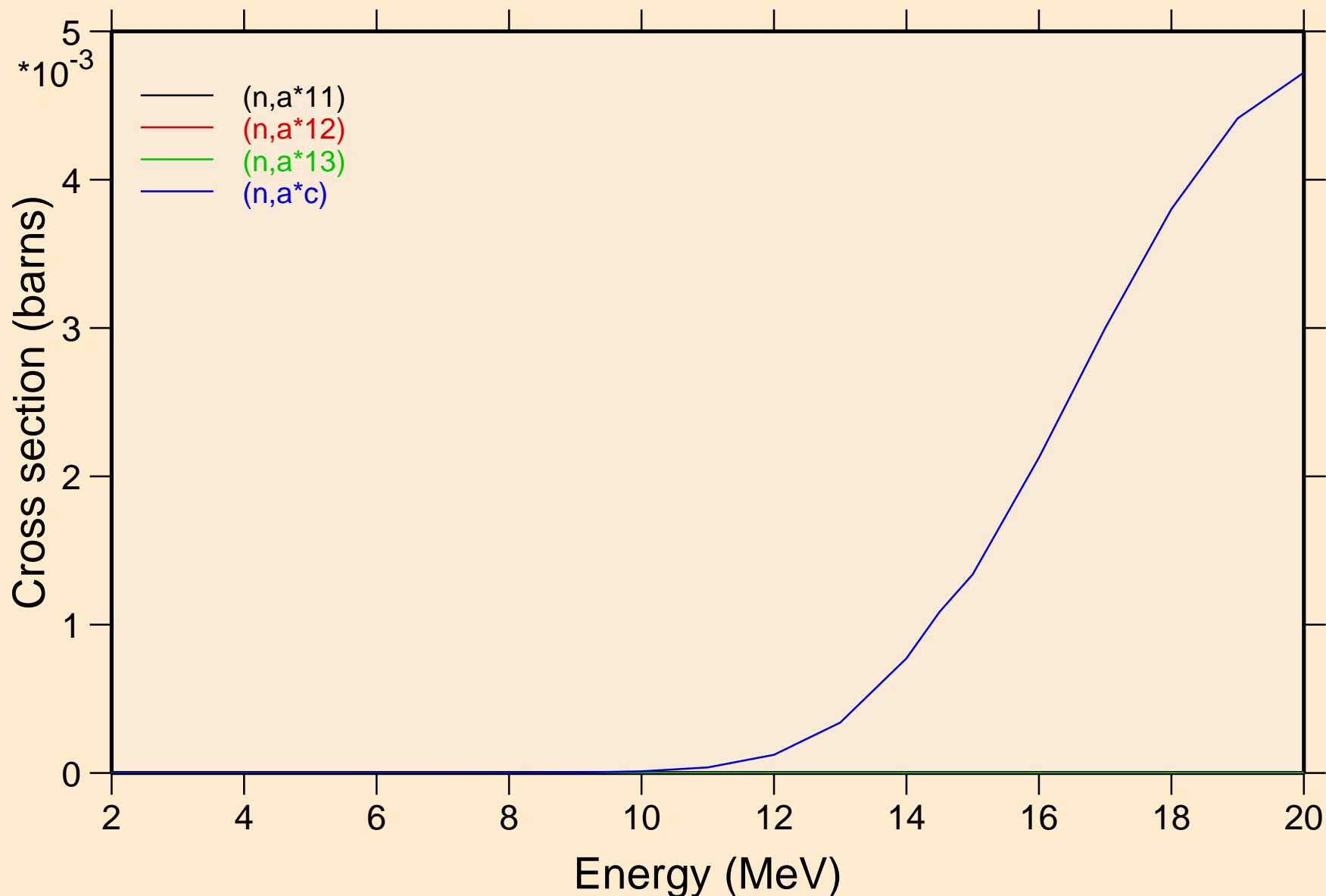
# ENDF/B-VII.1 DY-164

## Threshold reactions

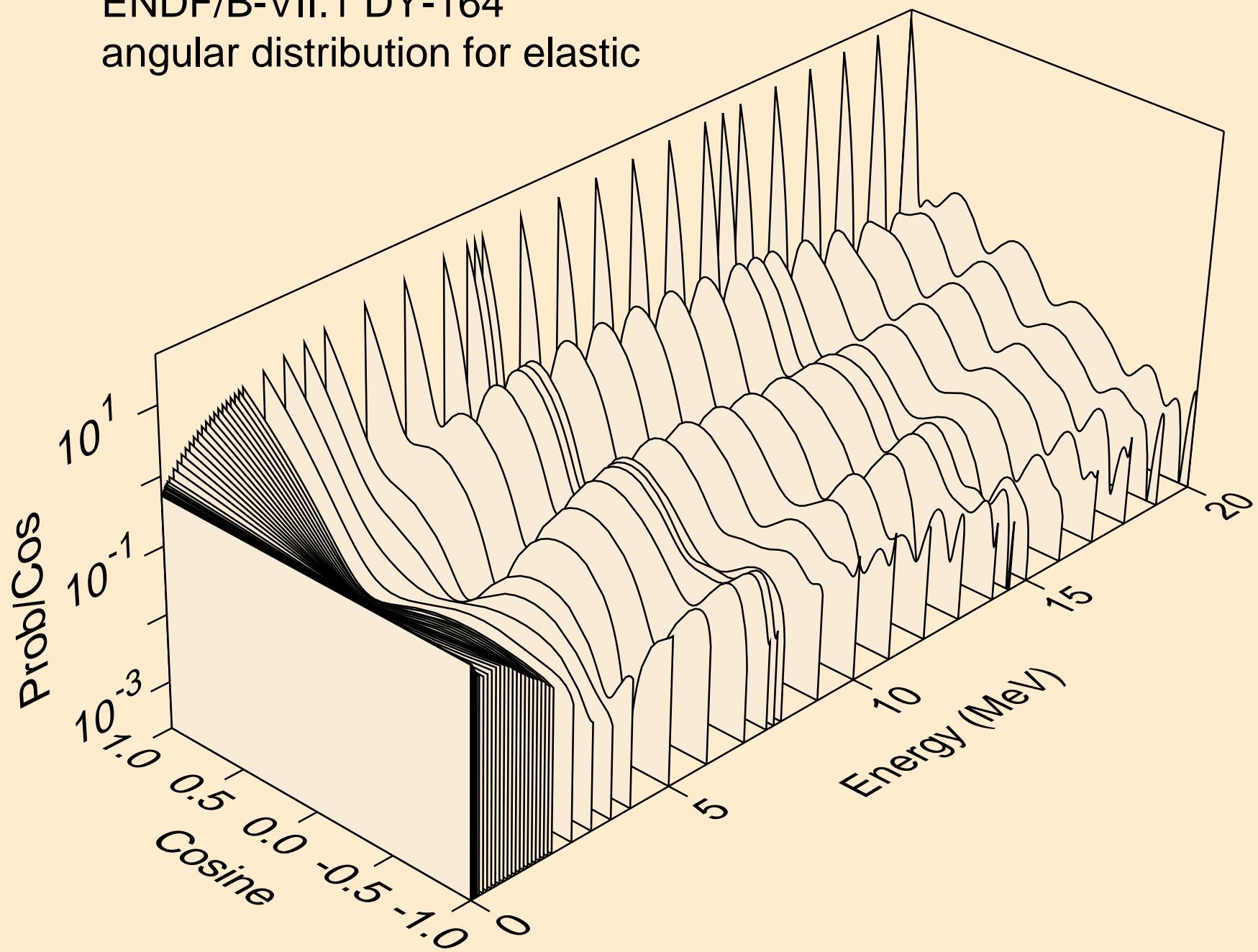


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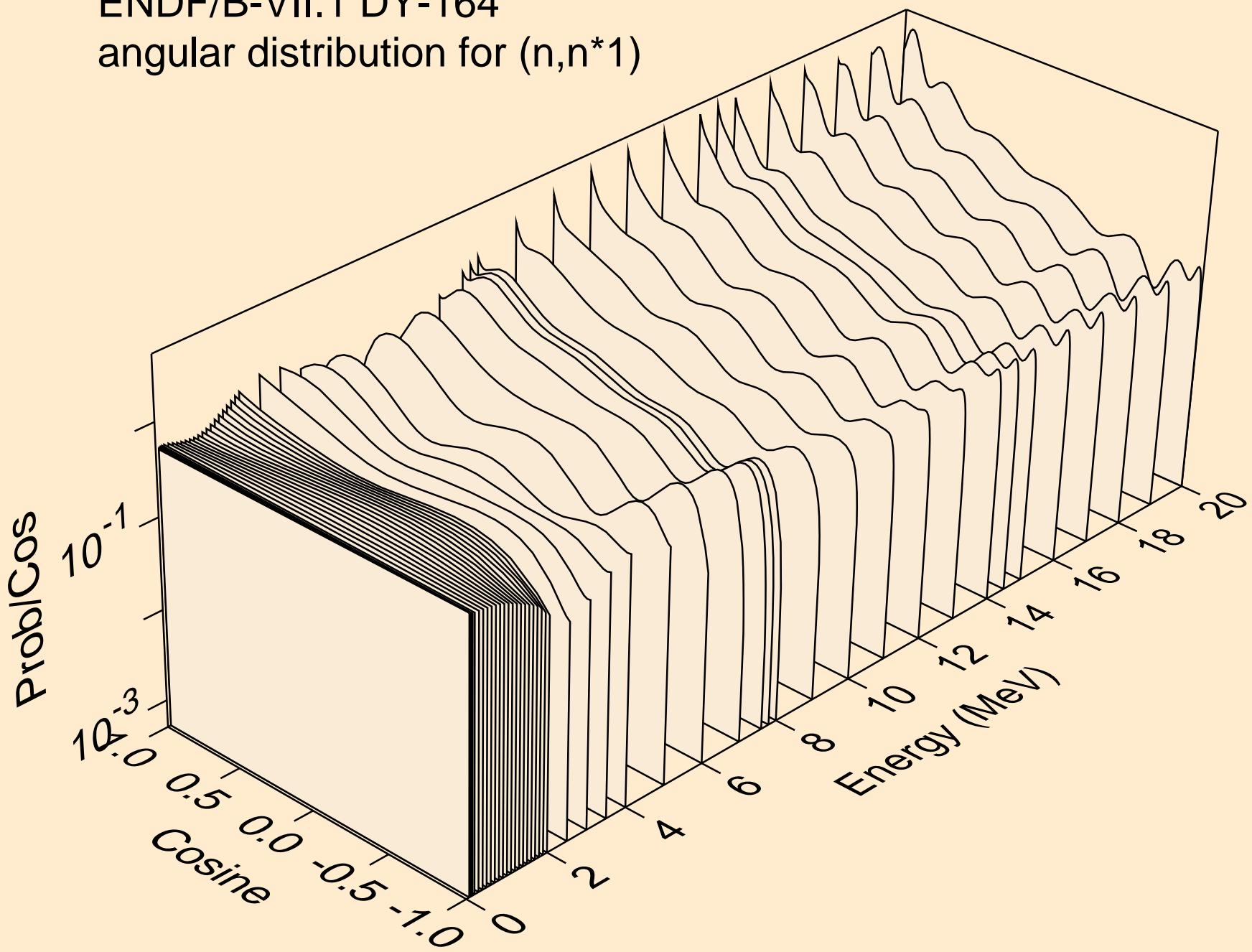
## Threshold reactions



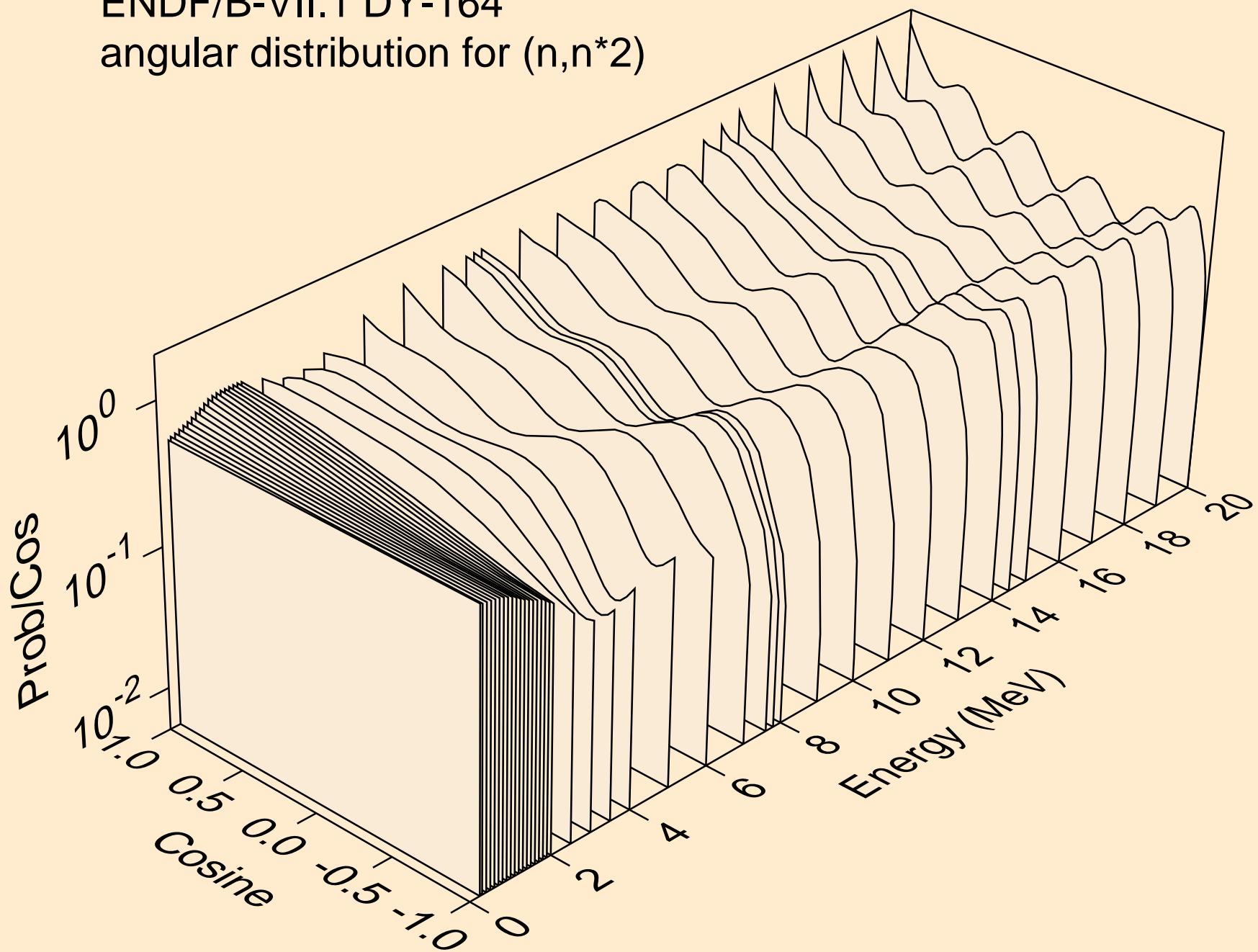
ENDF/B-VII.1 DY-164  
angular distribution for elastic



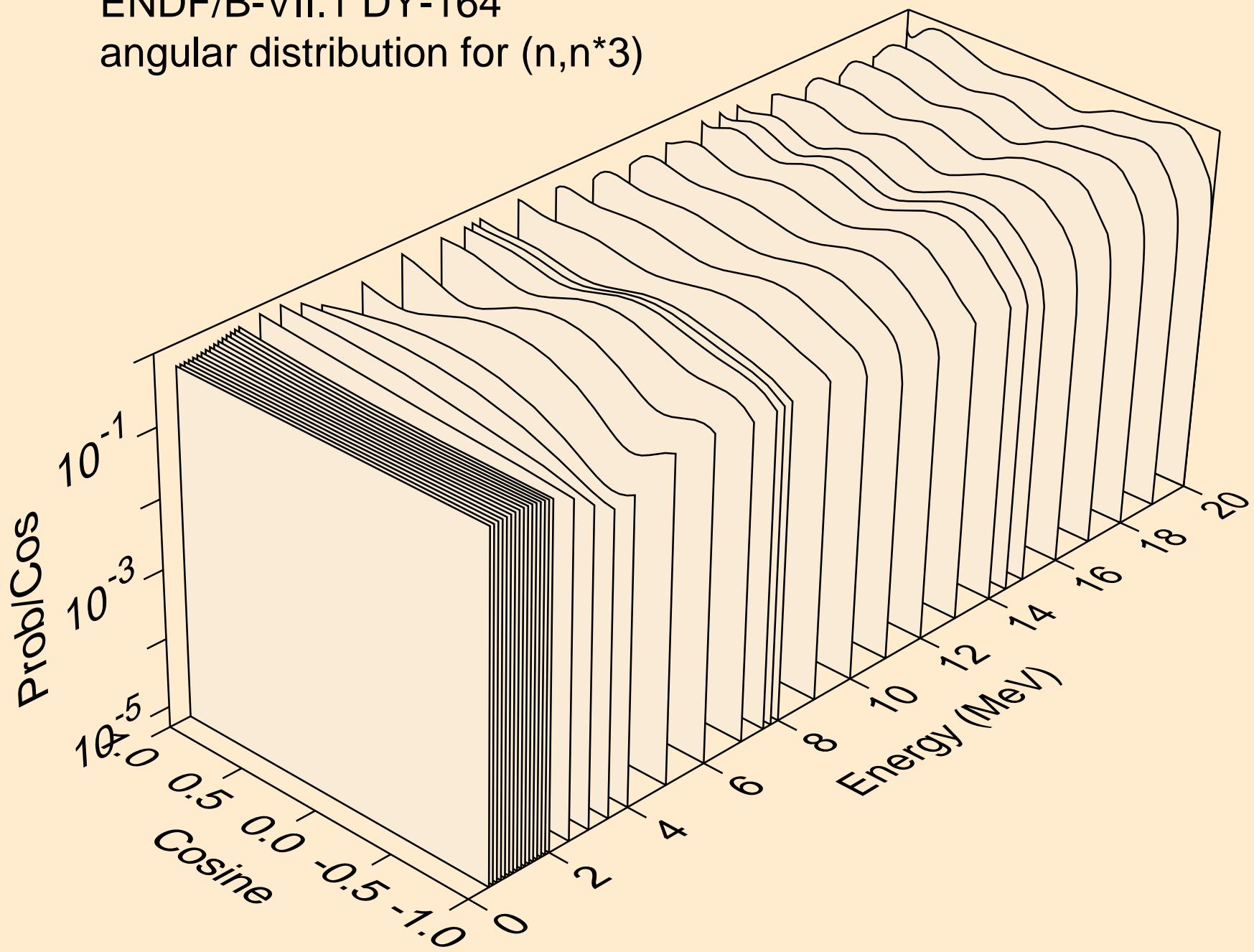
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angular distribution for (n,n\*1)



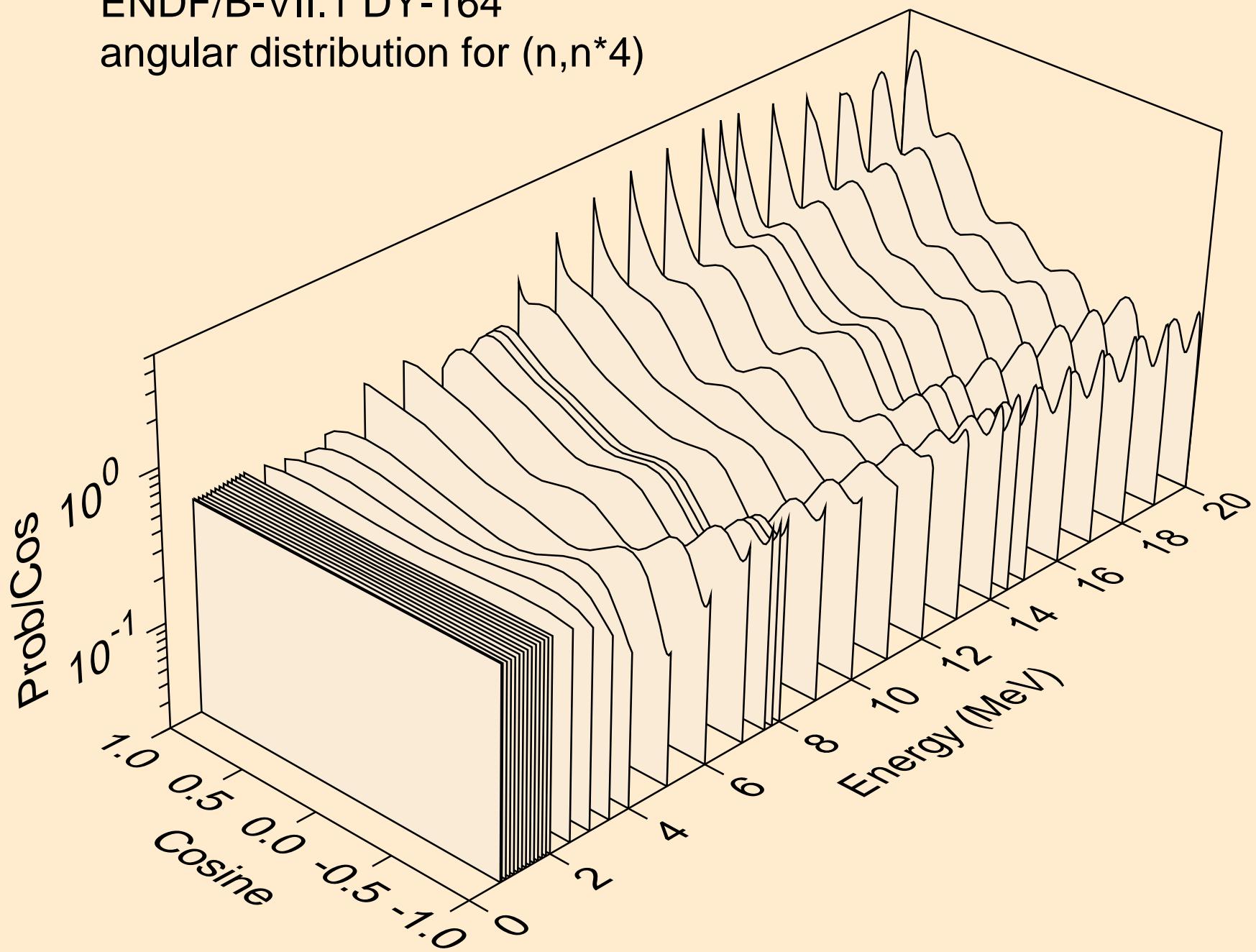
ENDF/B-VII.1 DY-164  
angular distribution for  $(n,n^*)$



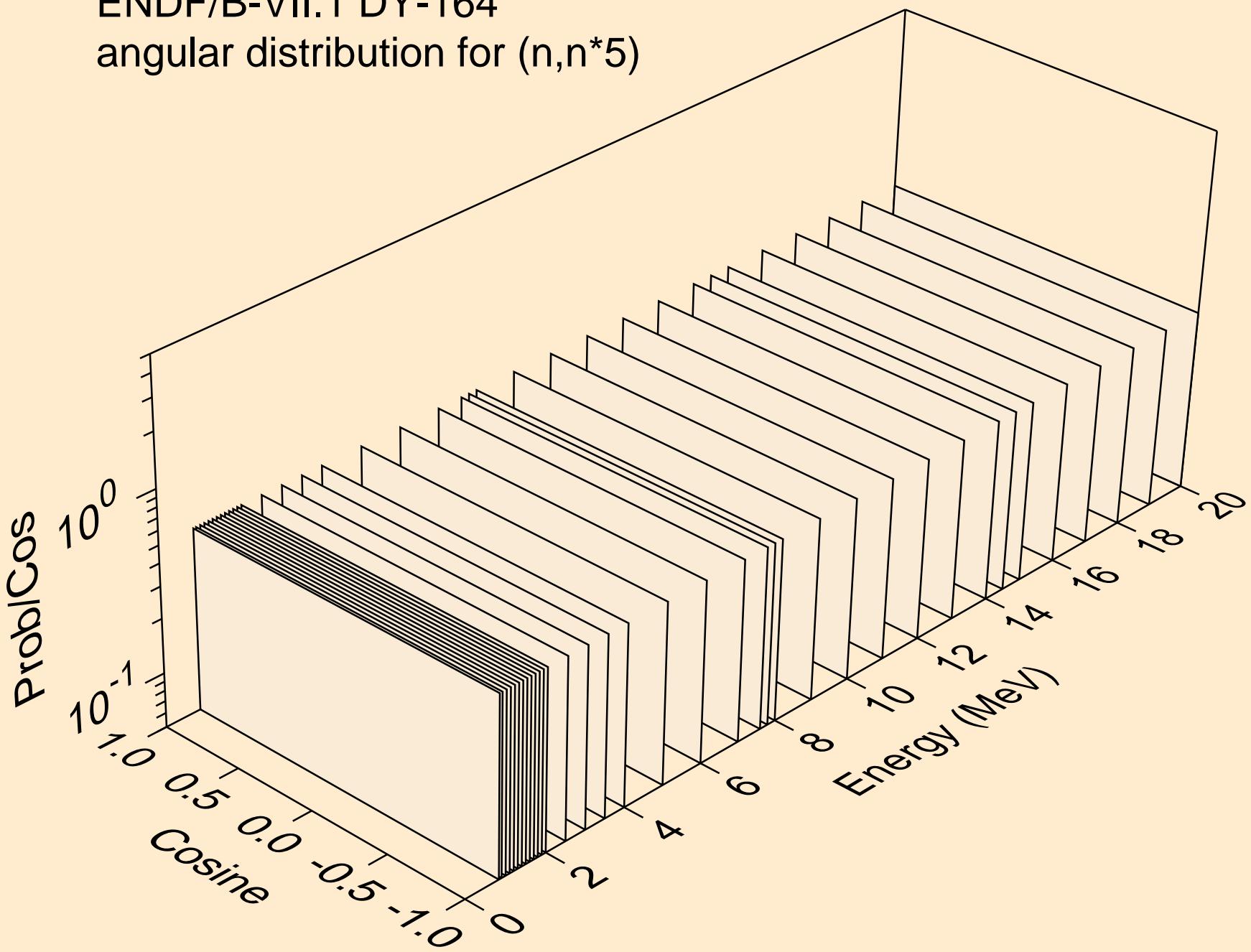
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angular distribution for  $(n,n^*3)$



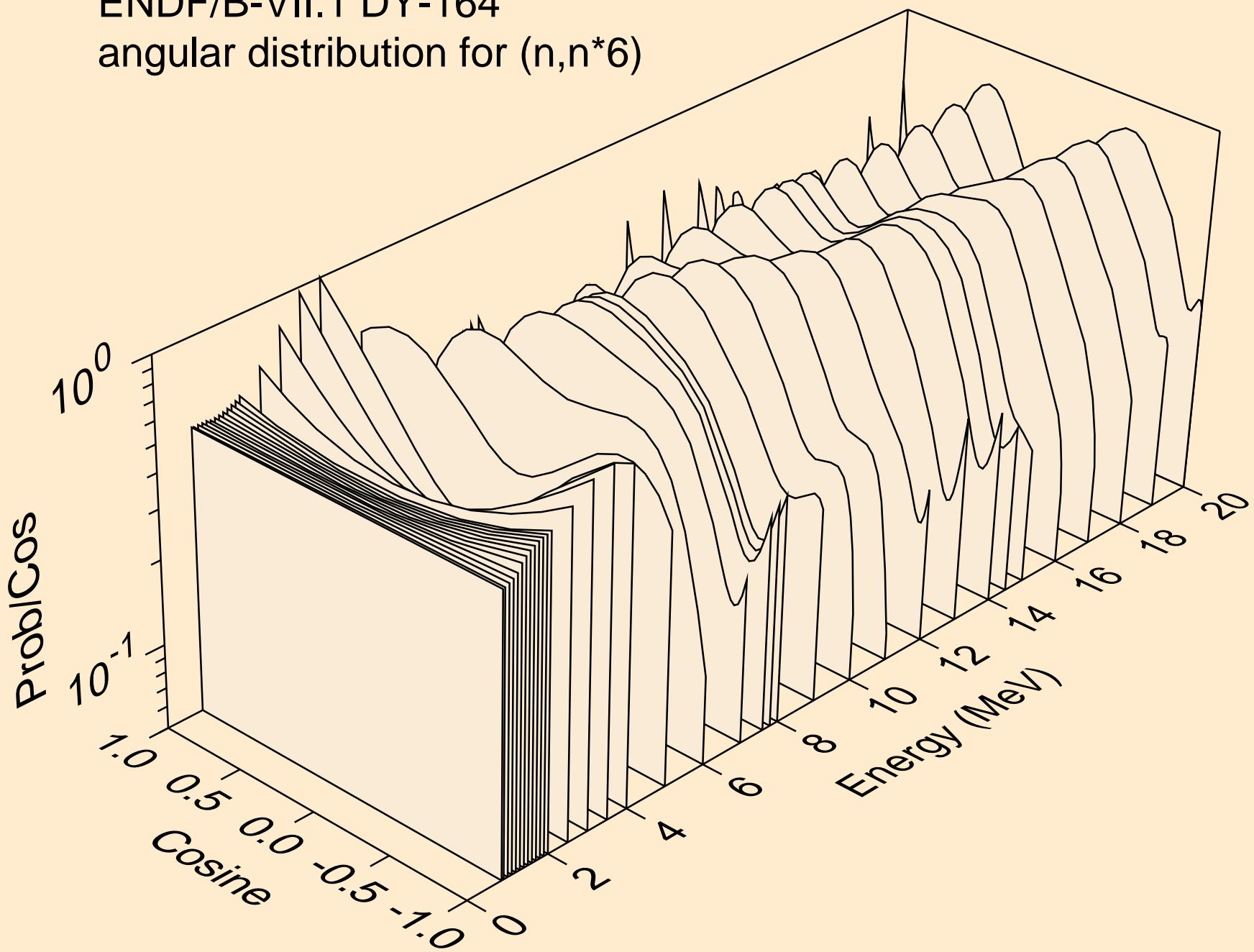
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angular distribution for  $(n,n^*4)$



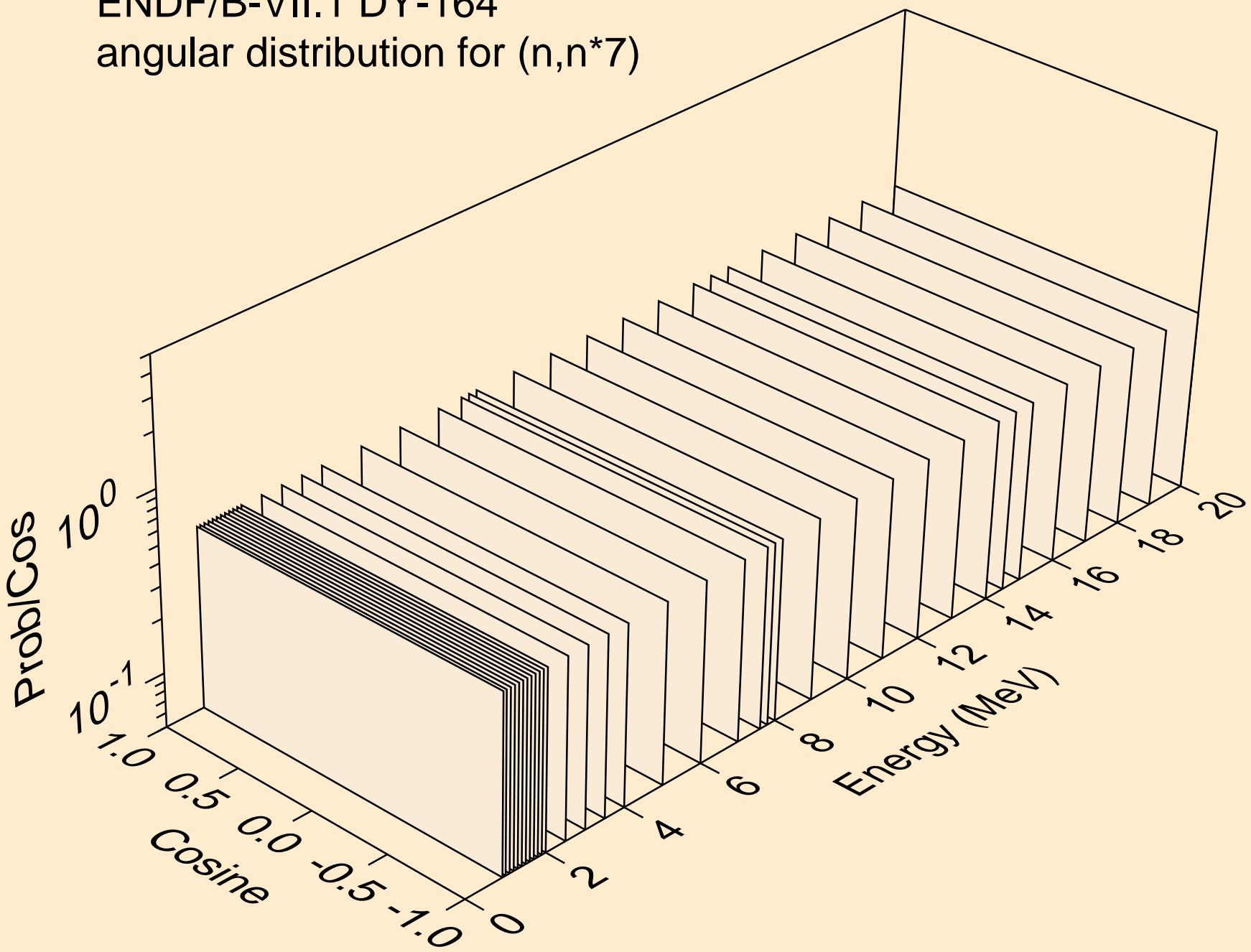
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angular distribution for  $(n,n^*)$



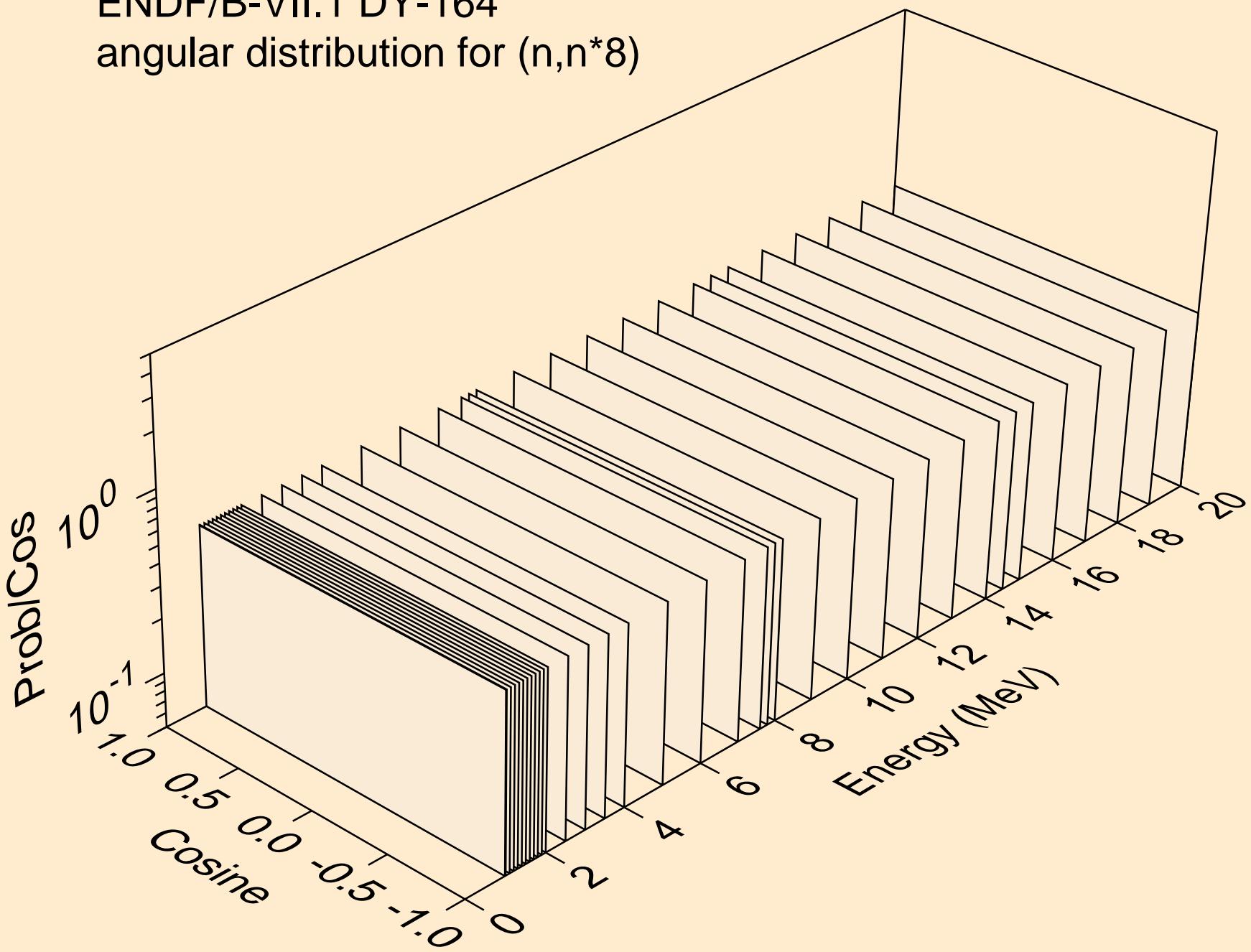
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angular distribution for  $(n,n^*6)$



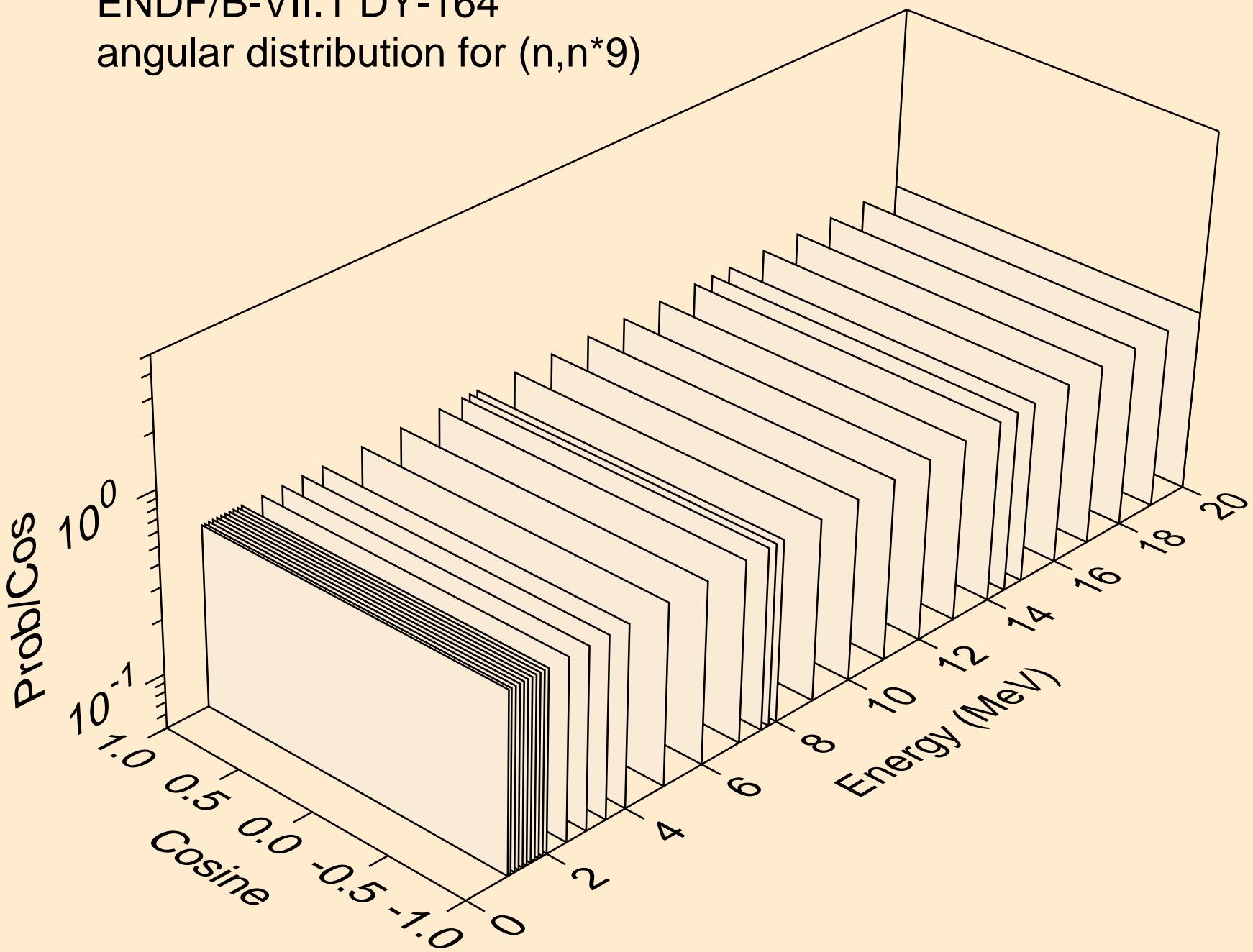
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angular distribution for  $(n,n^*7)$



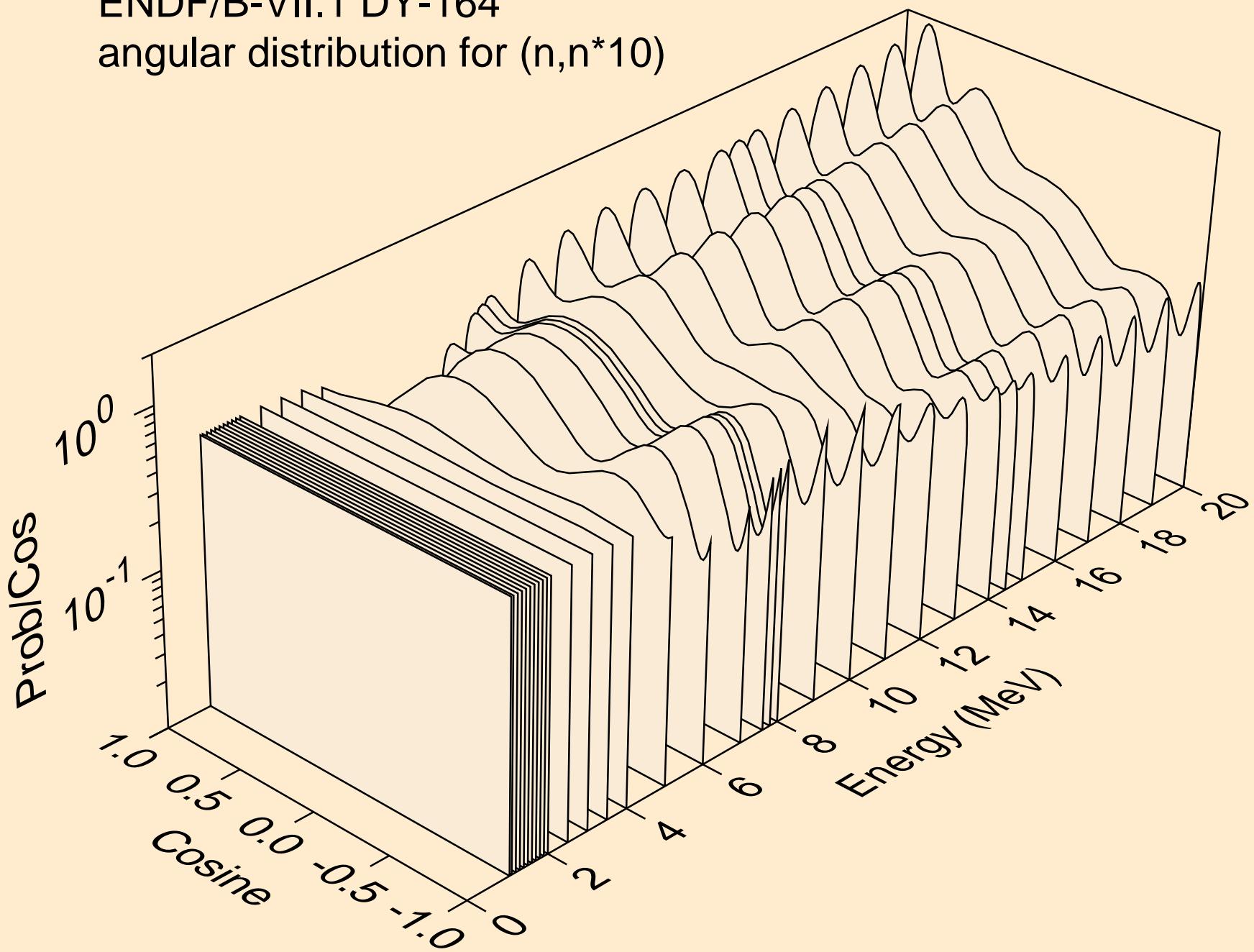
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angular distribution for  $(n,n^*8)$



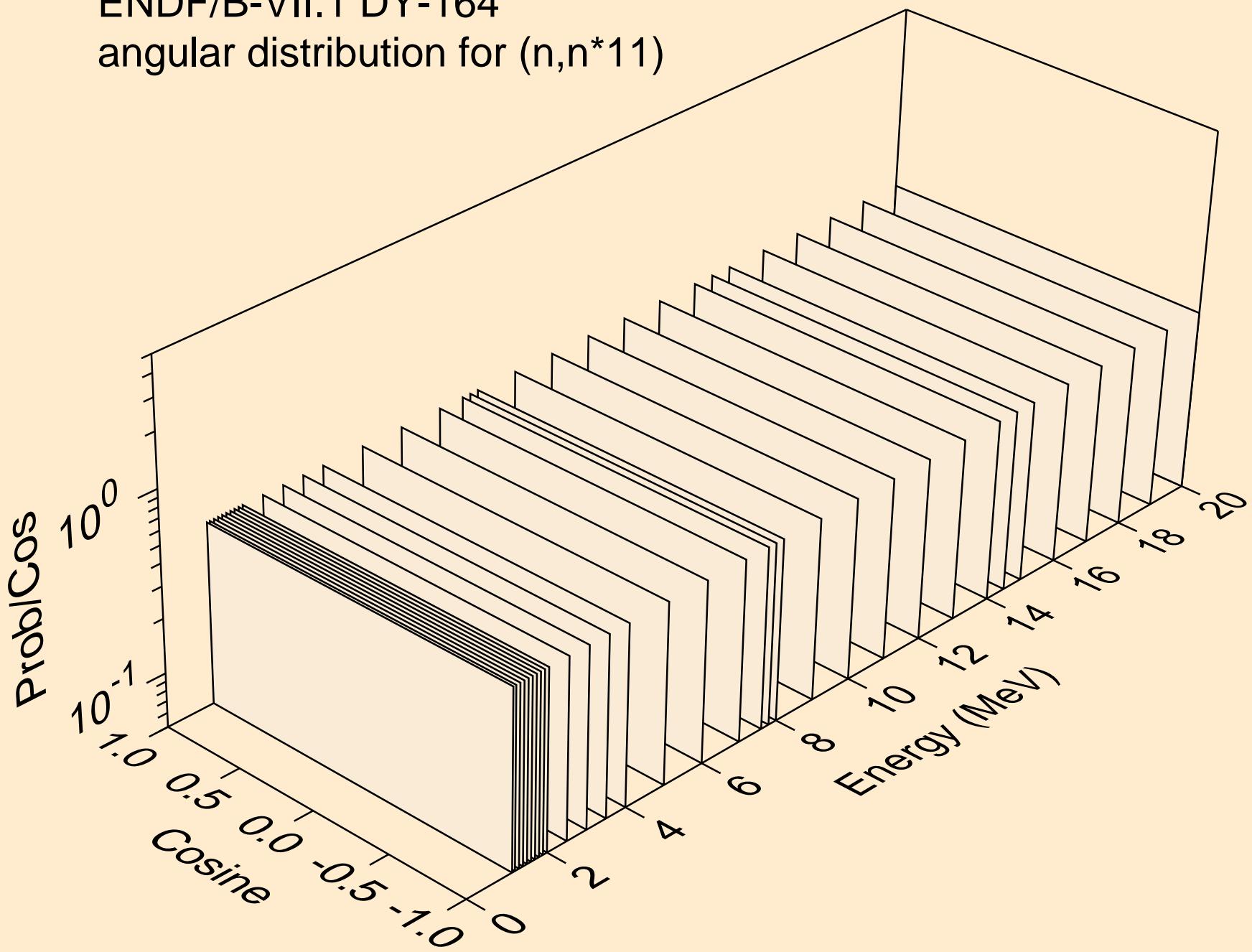
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angular distribution for  $(n,n^*9)$



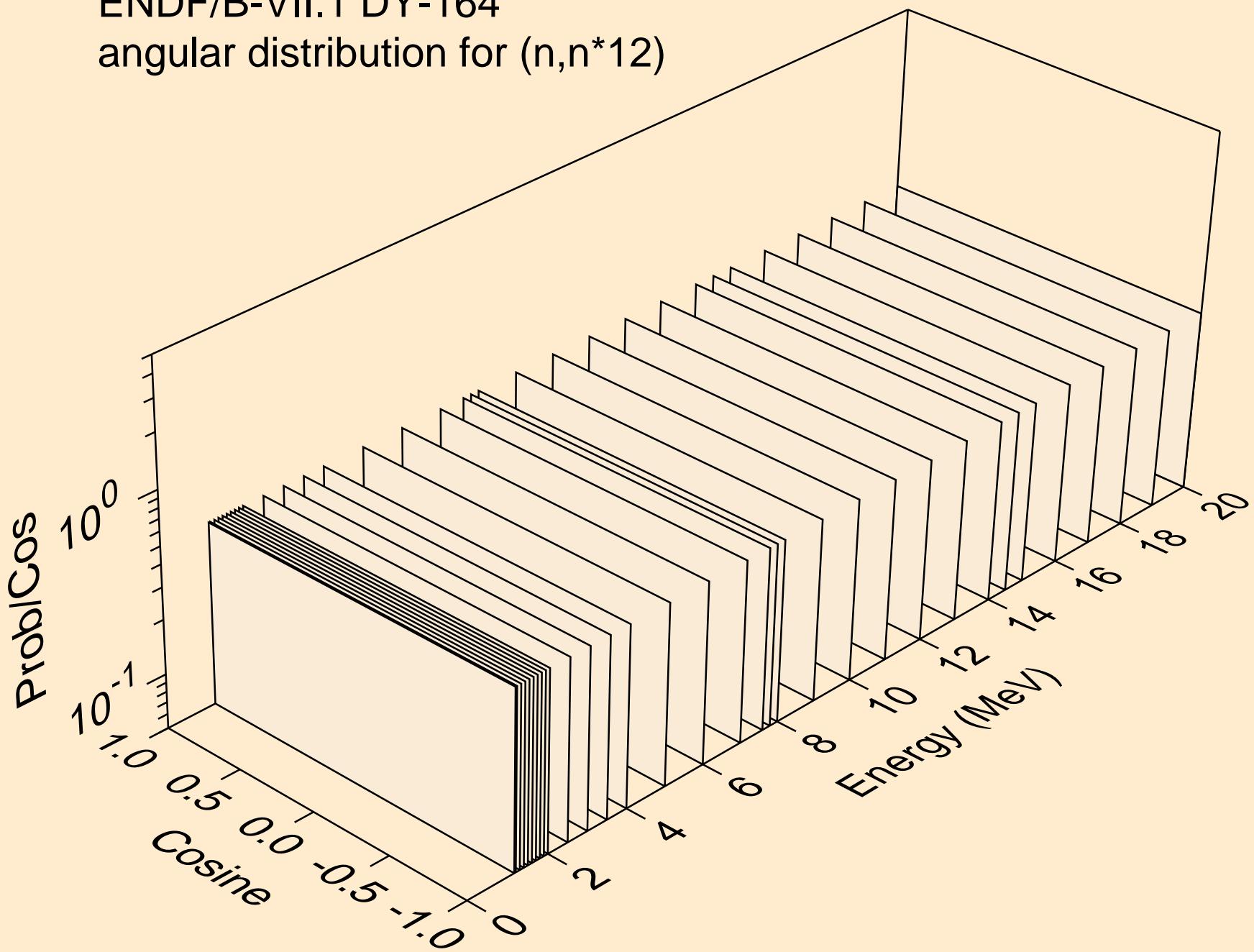
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angular distribution for  $(n,n^*10)$



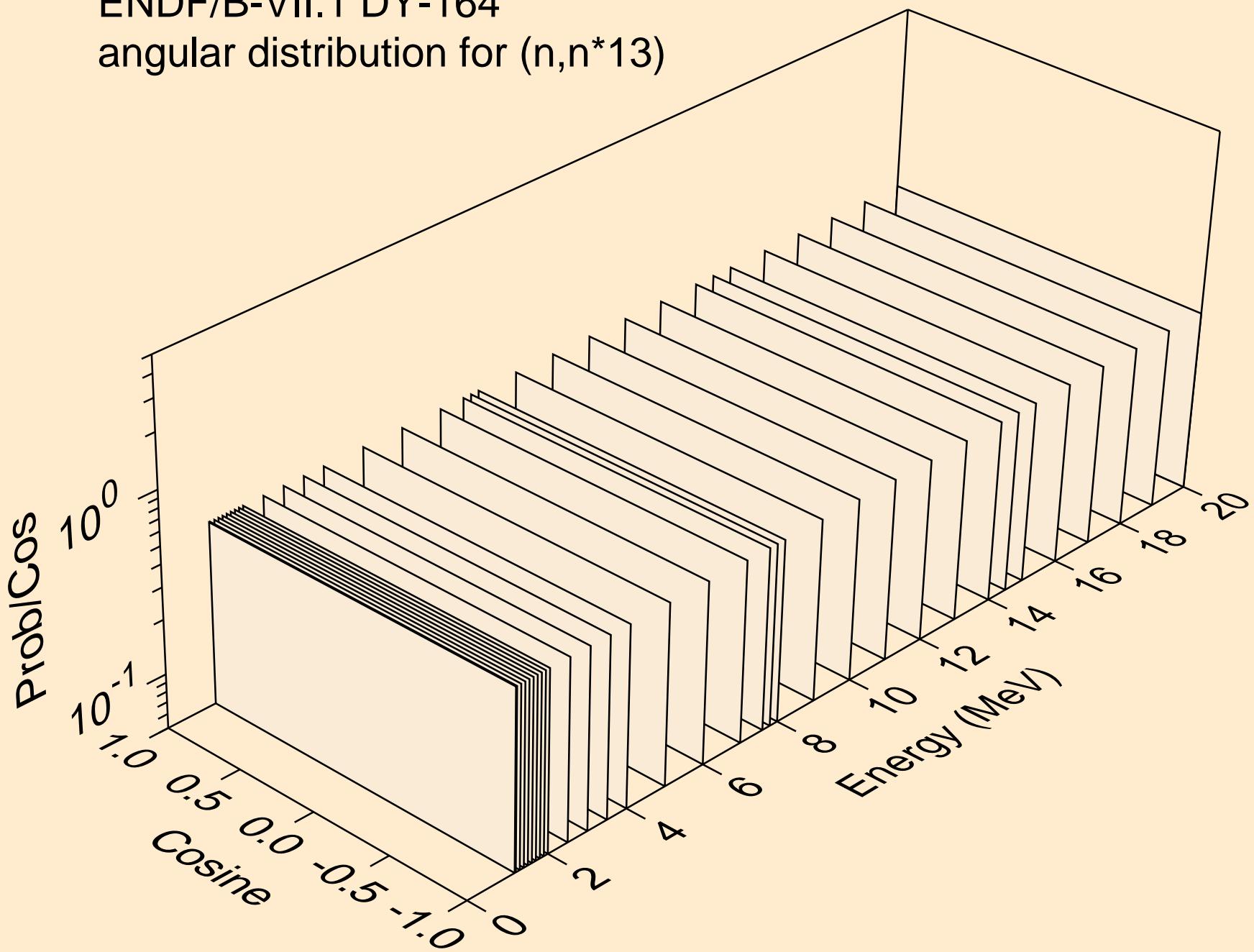
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angular distribution for (n,n\*11)



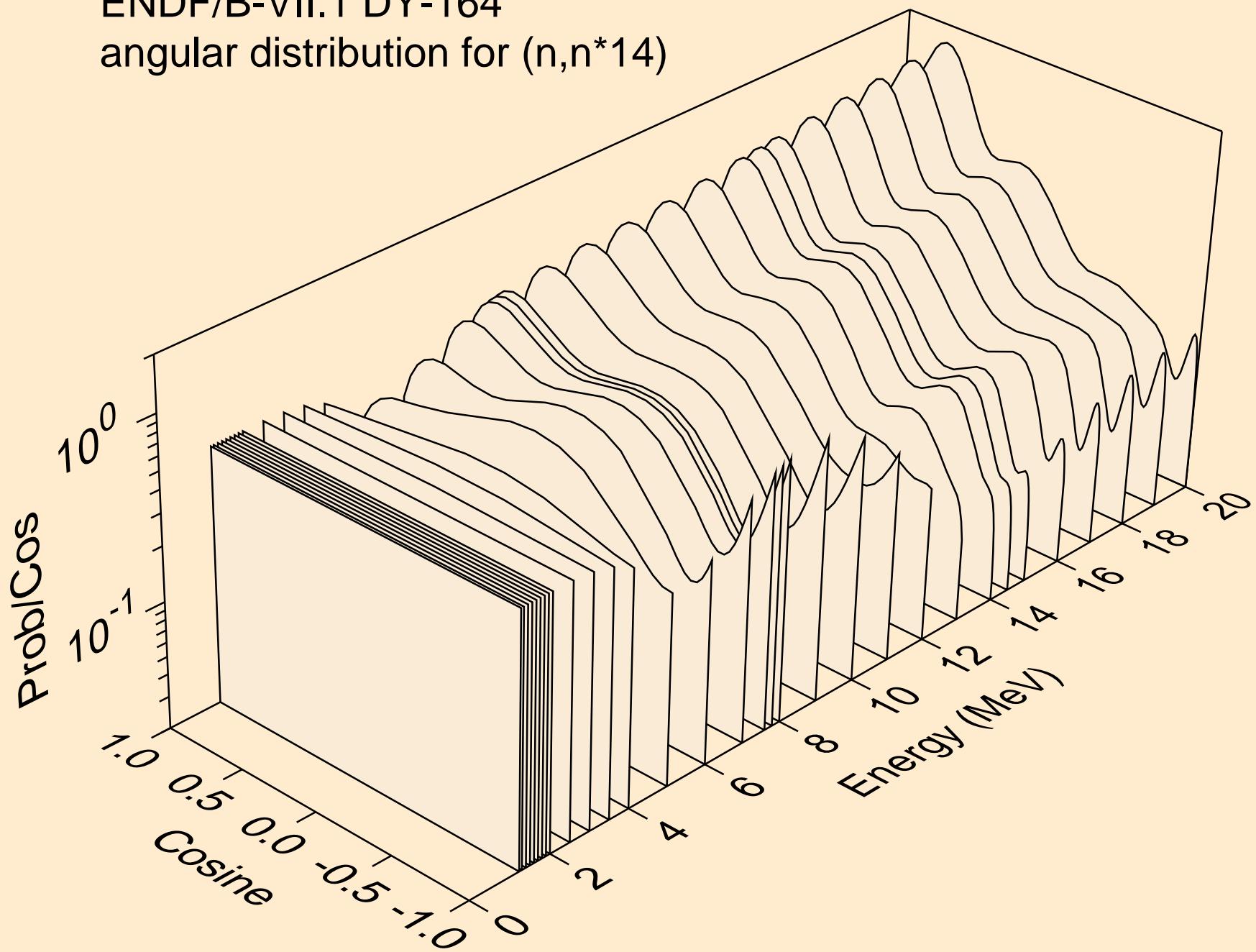
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angular distribution for  $(n,n^*12)$



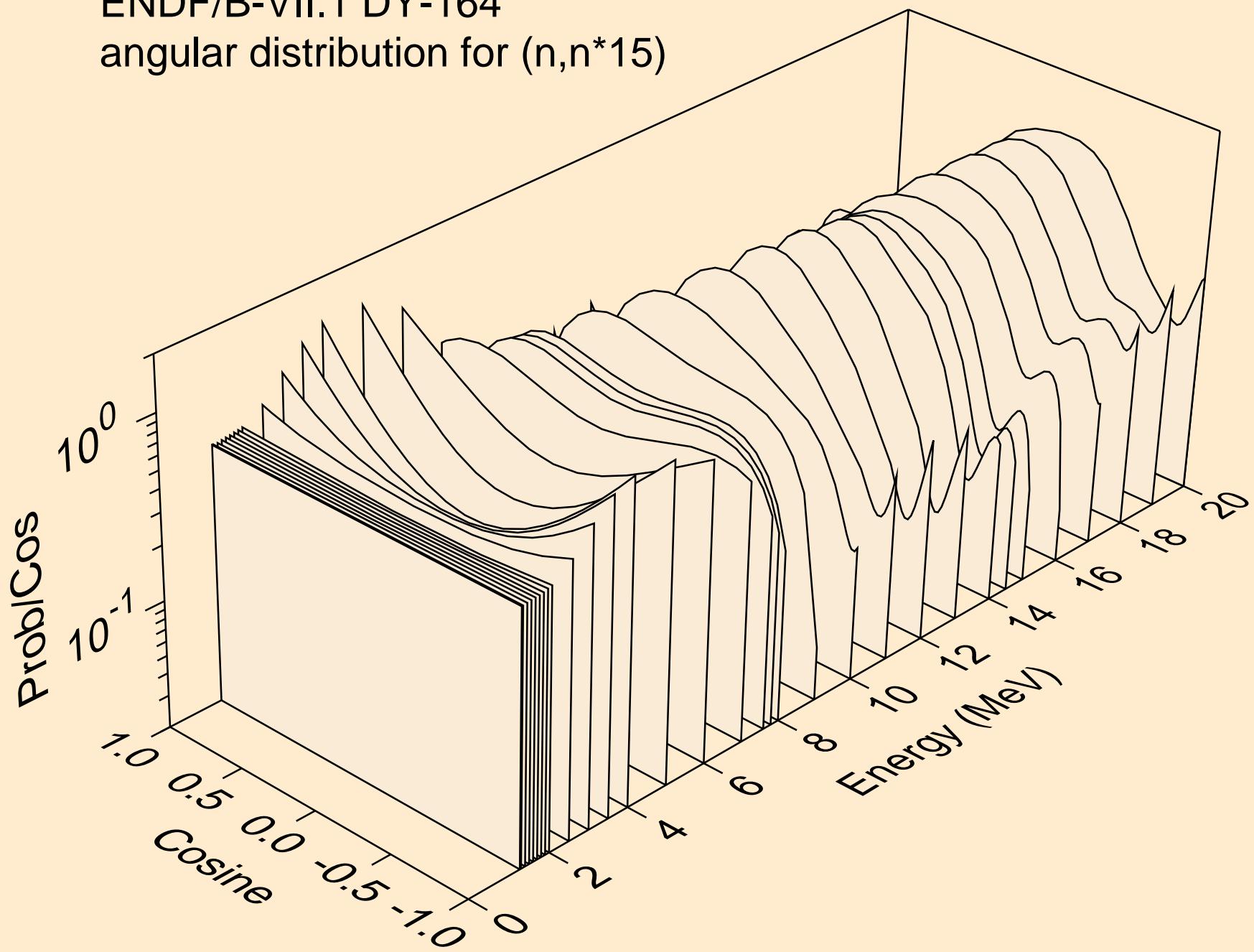
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angular distribution for (n,n\*13)



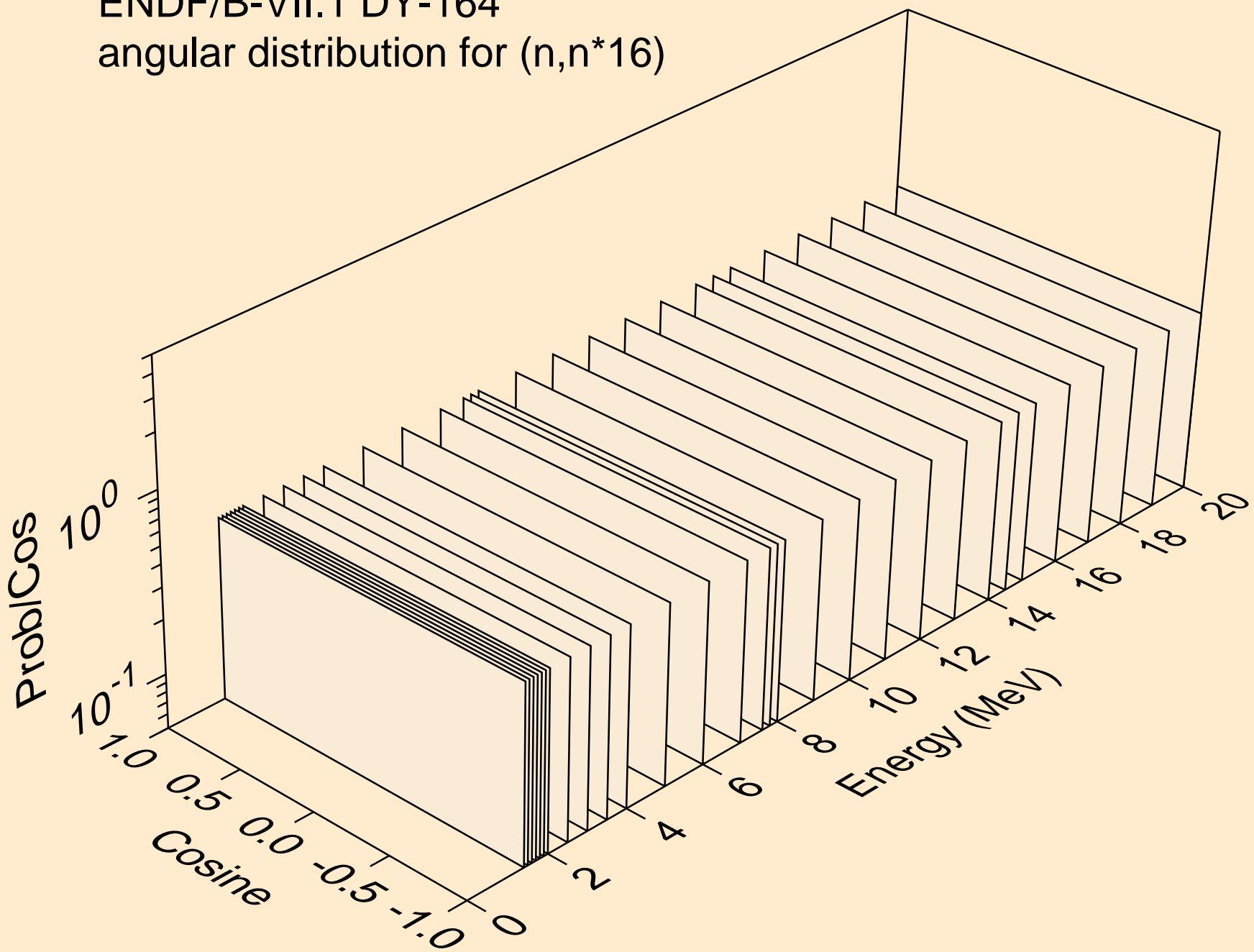
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angular distribution for (n,n\*14)



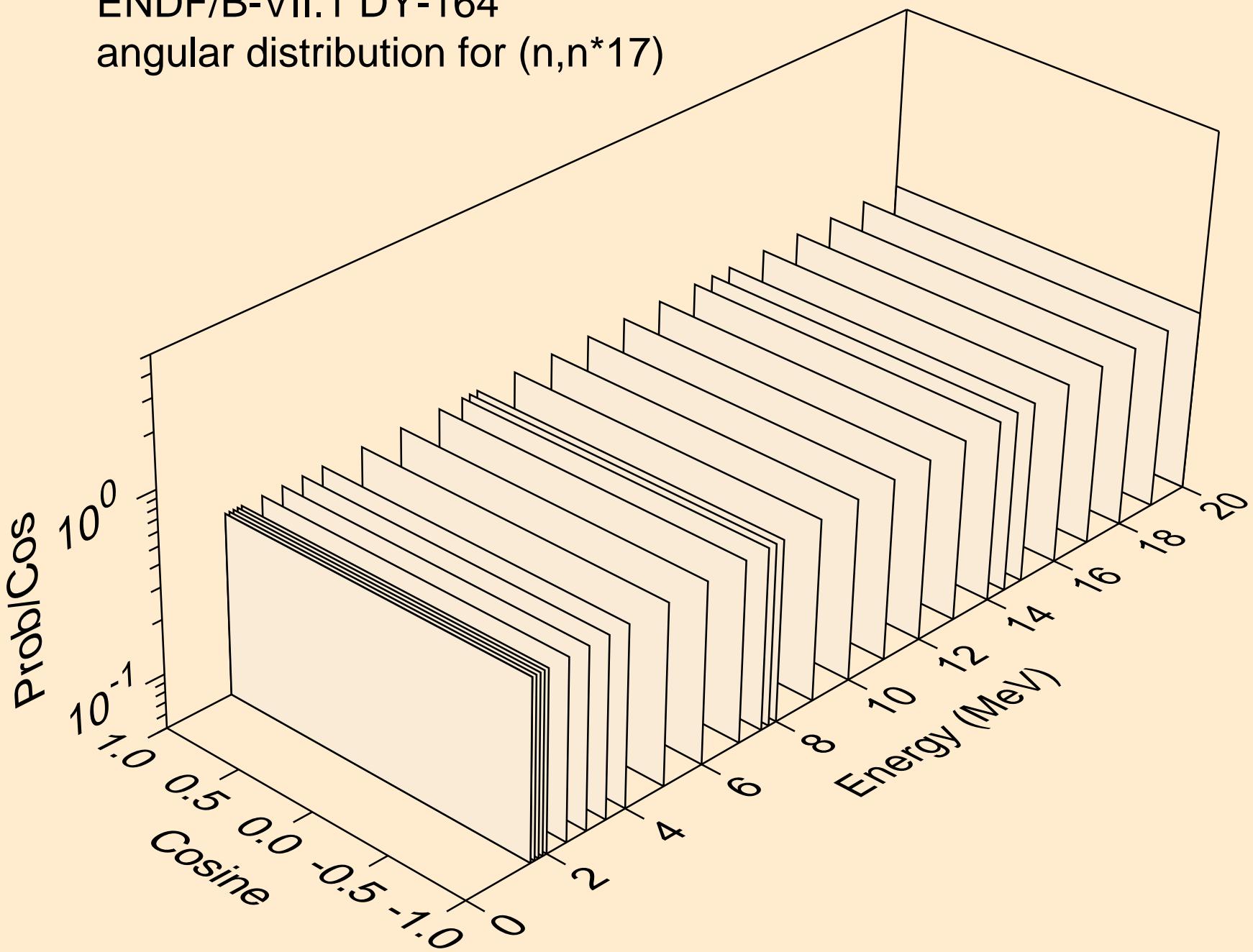
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angular distribution for  $(n,n^*15)$



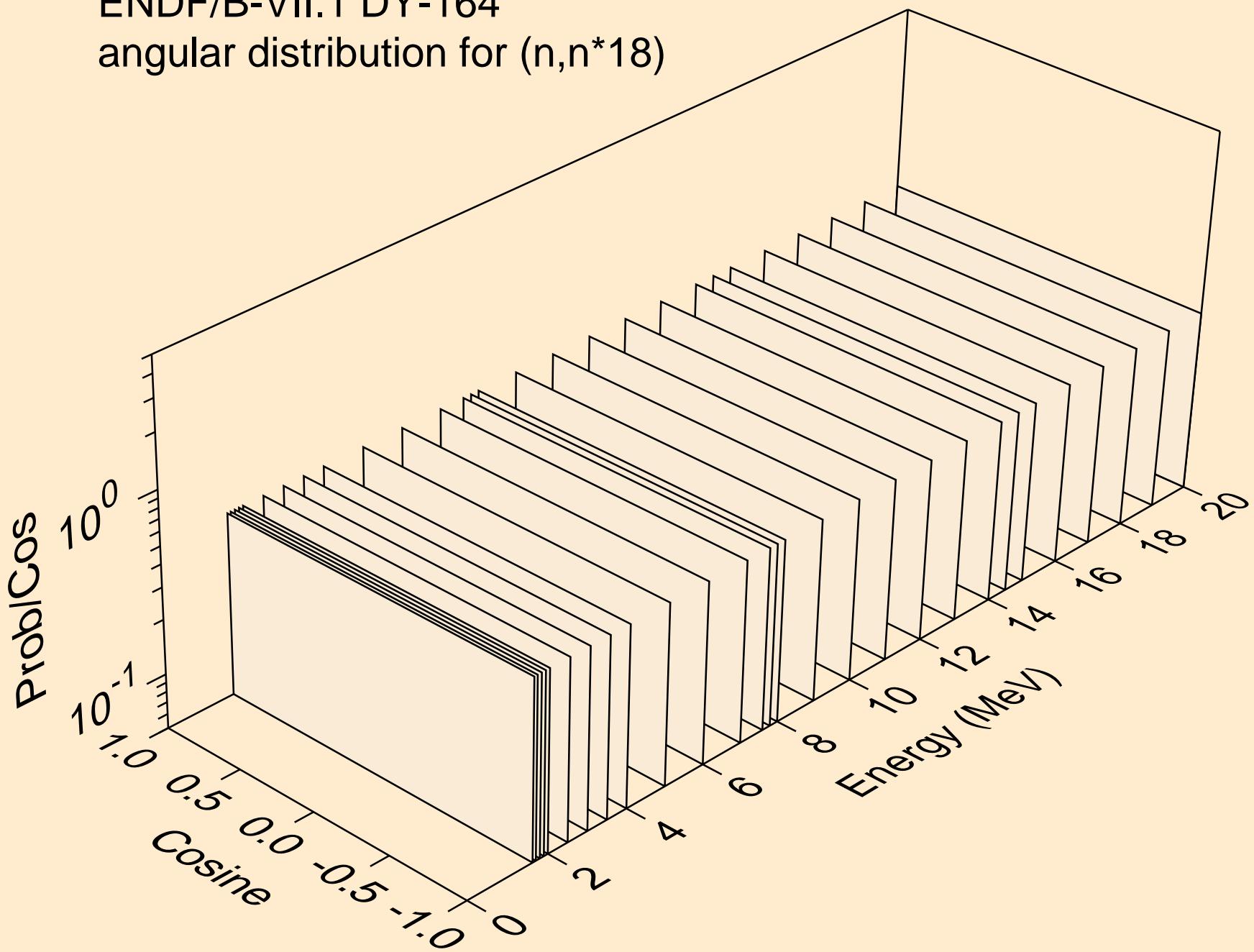
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angular distribution for  $(n,n^*16)$



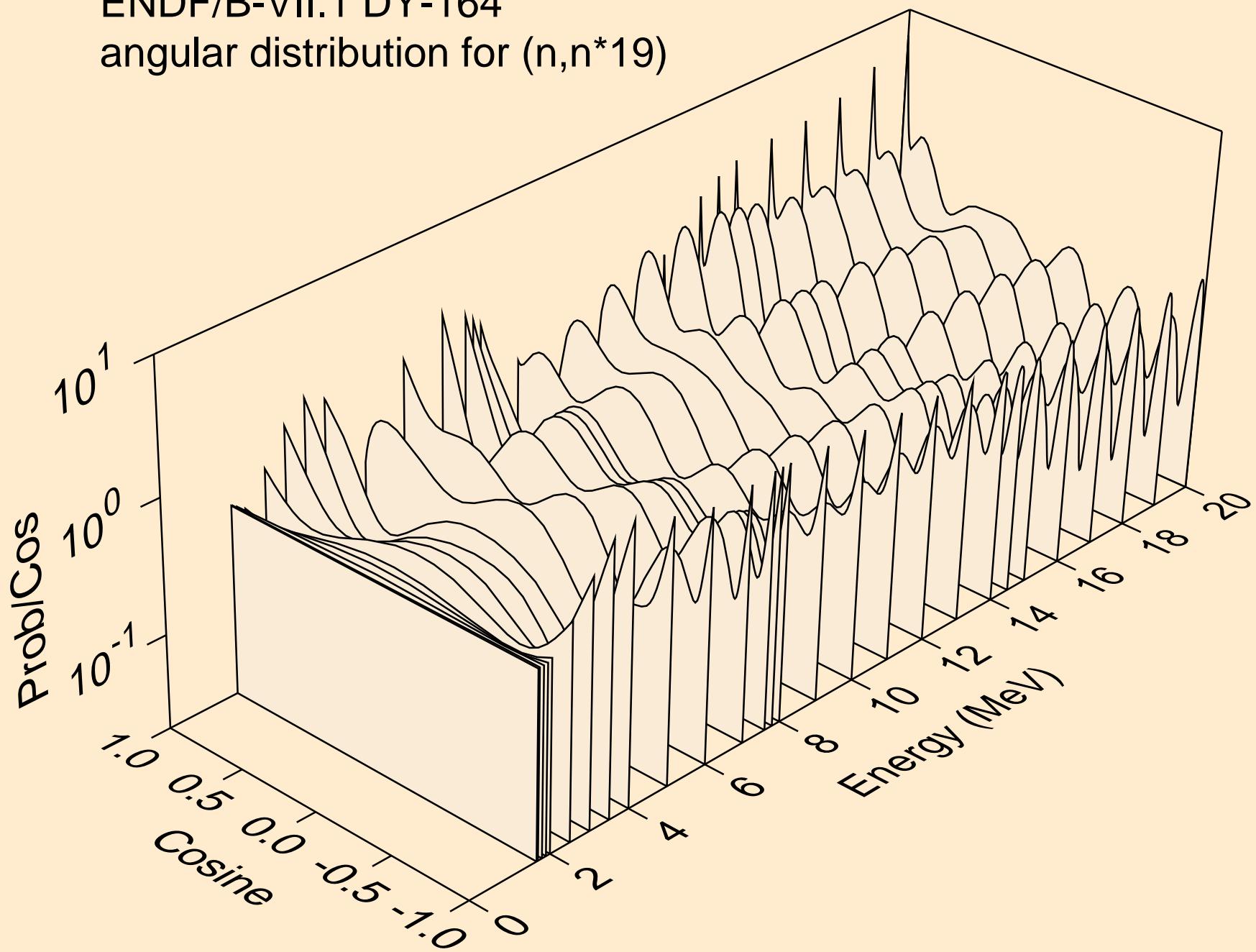
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angular distribution for  $(n,n^*17)$



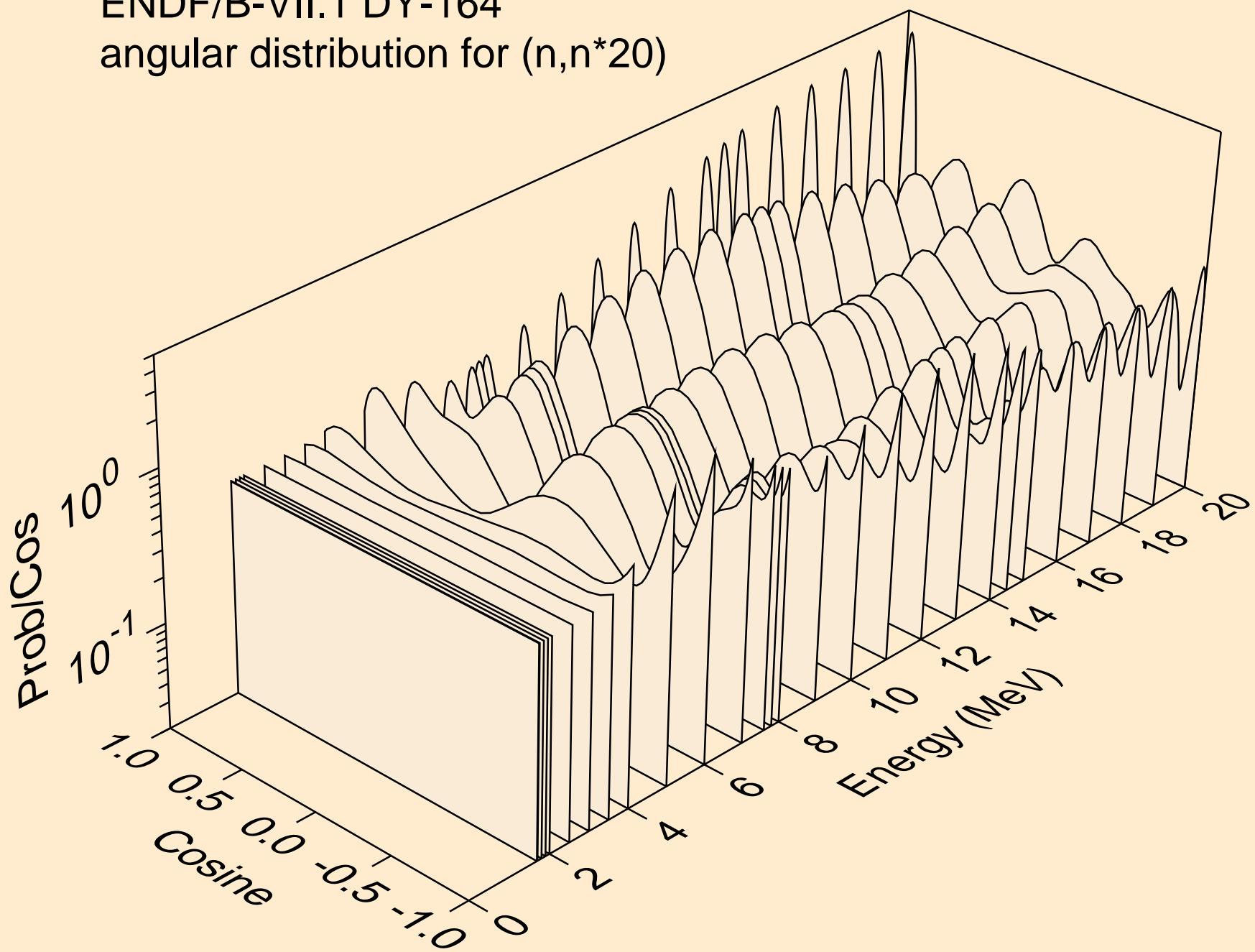
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angular distribution for  $(n,n^*18)$



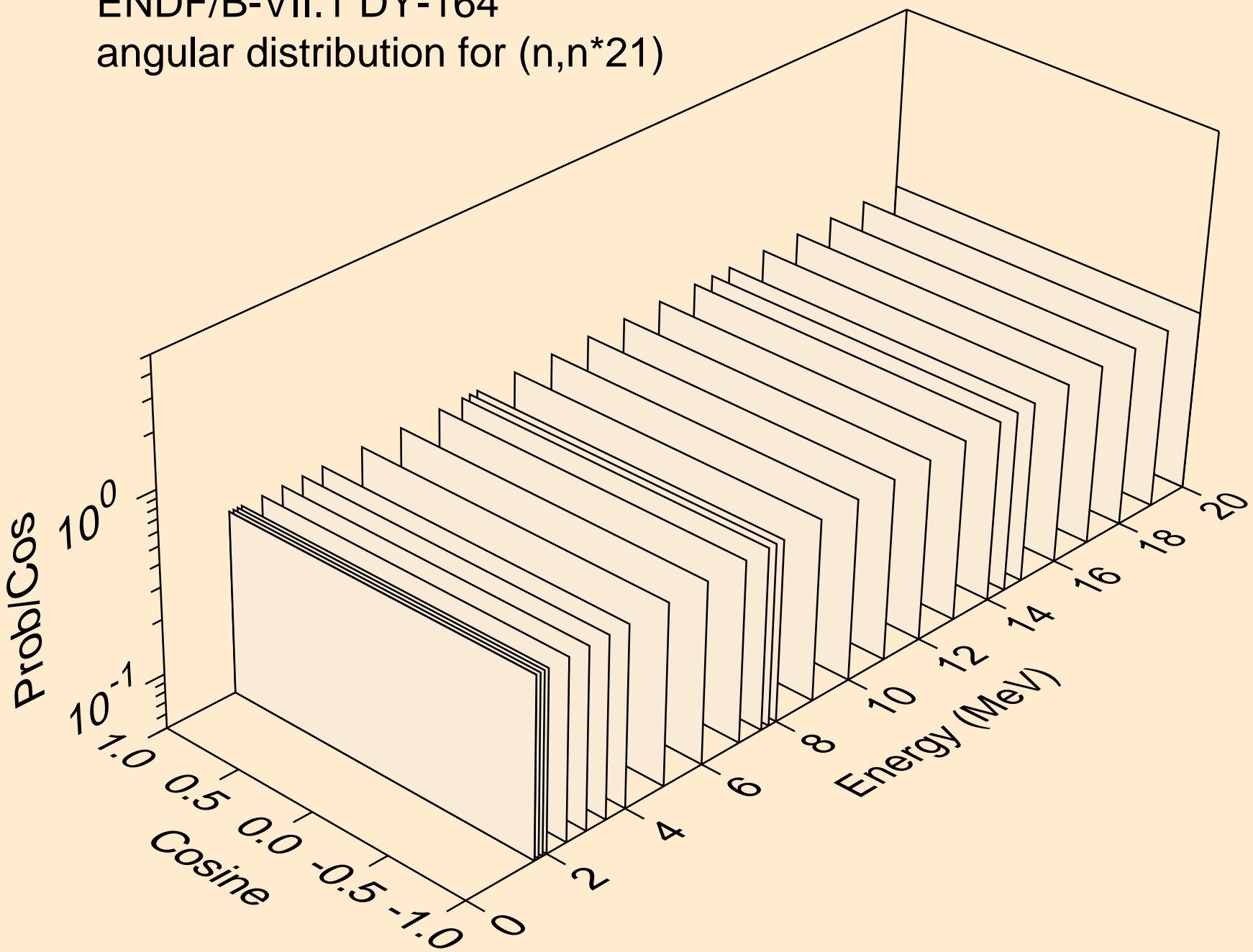
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angular distribution for  $(n,n^*19)$



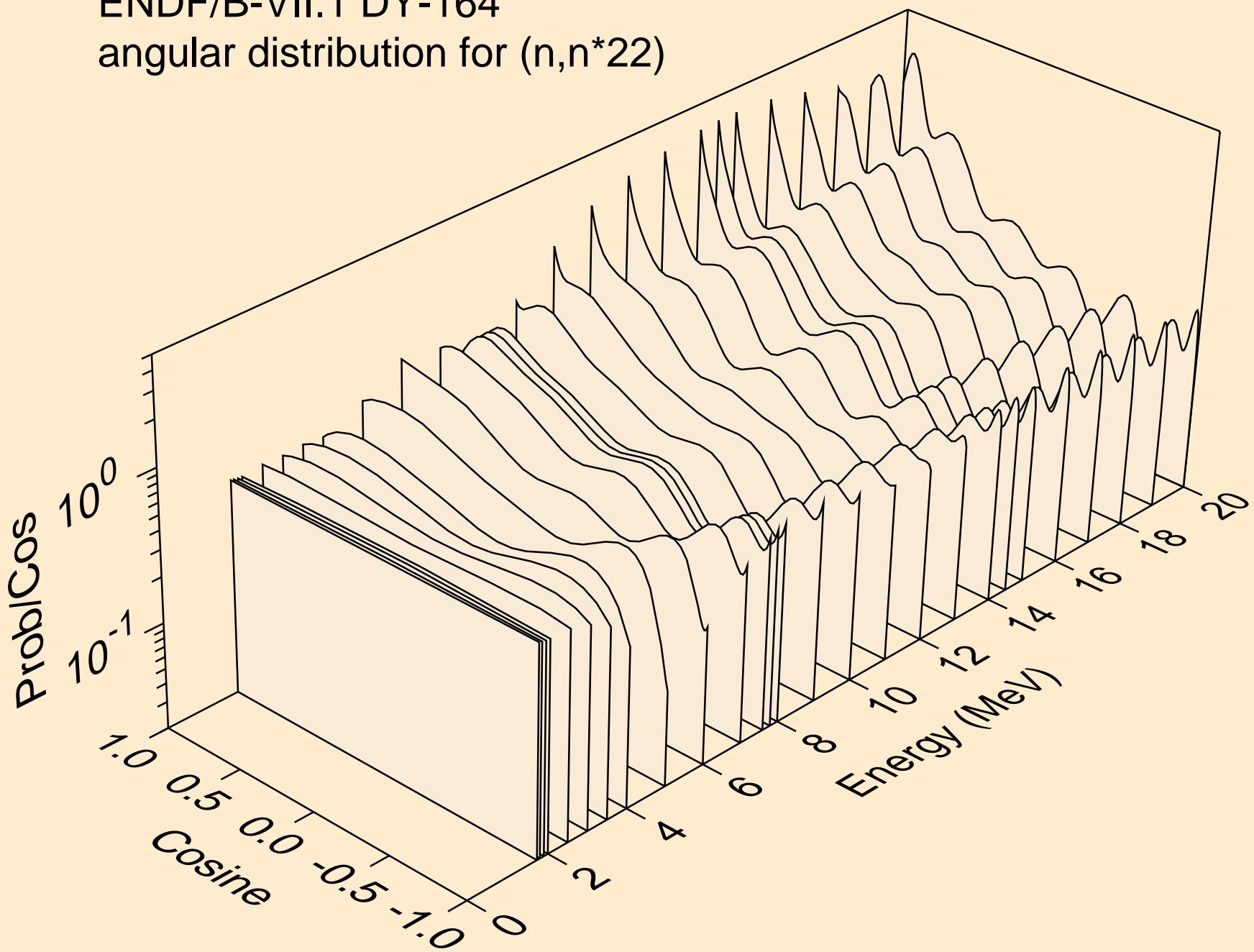
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angular distribution for  $(n,n^*20)$



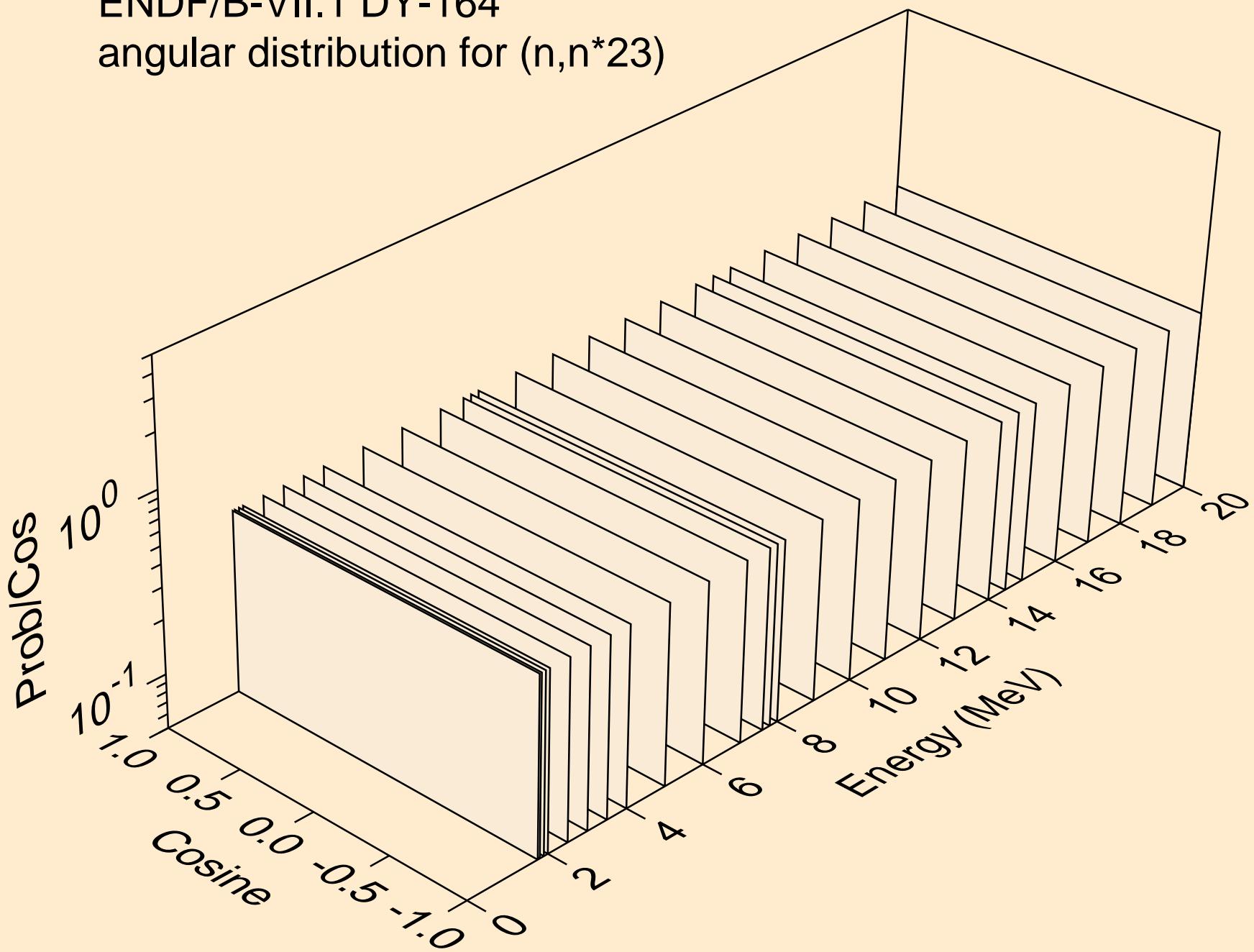
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angular distribution for (n,n\*21)



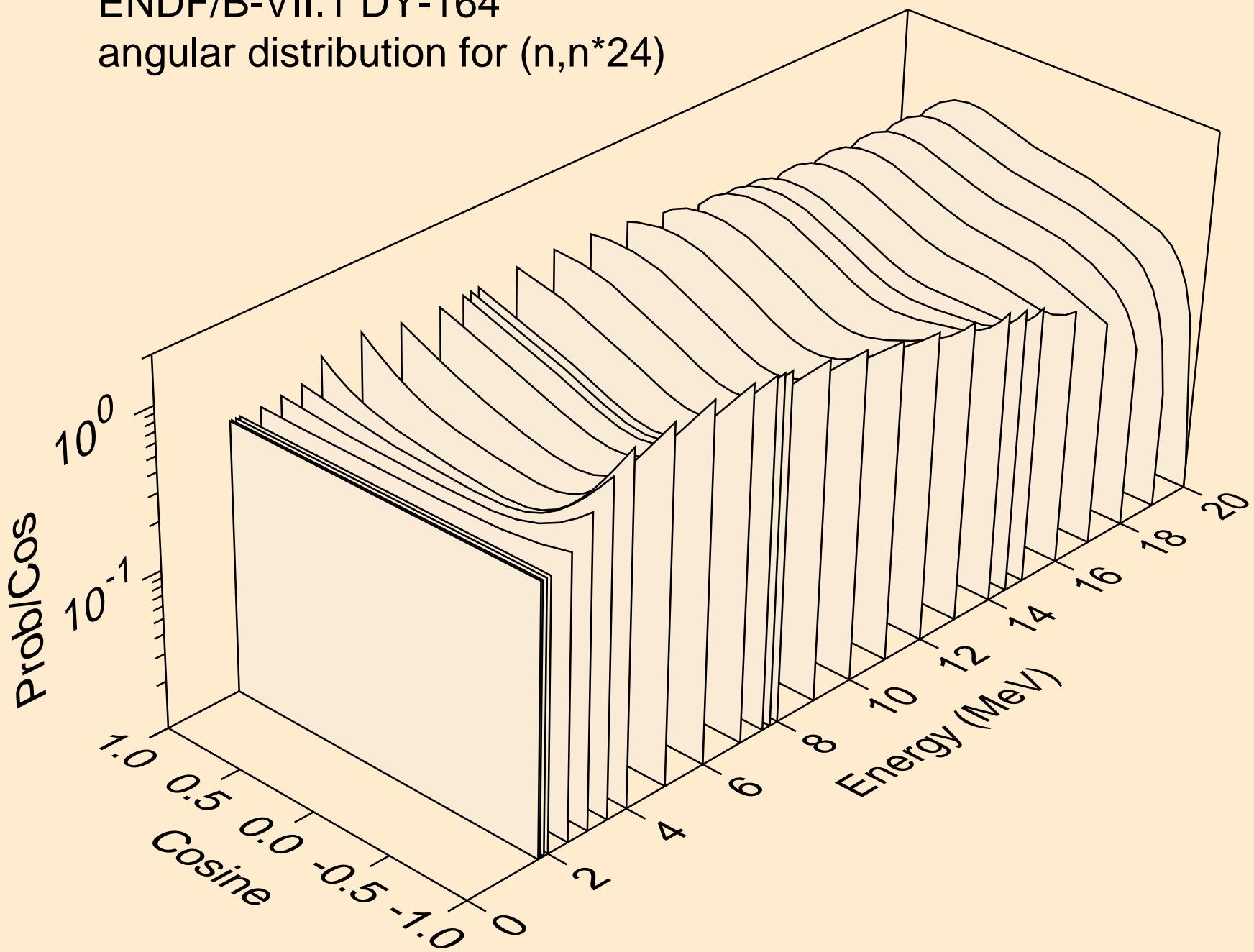
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angular distribution for  $(n,n^*22)$



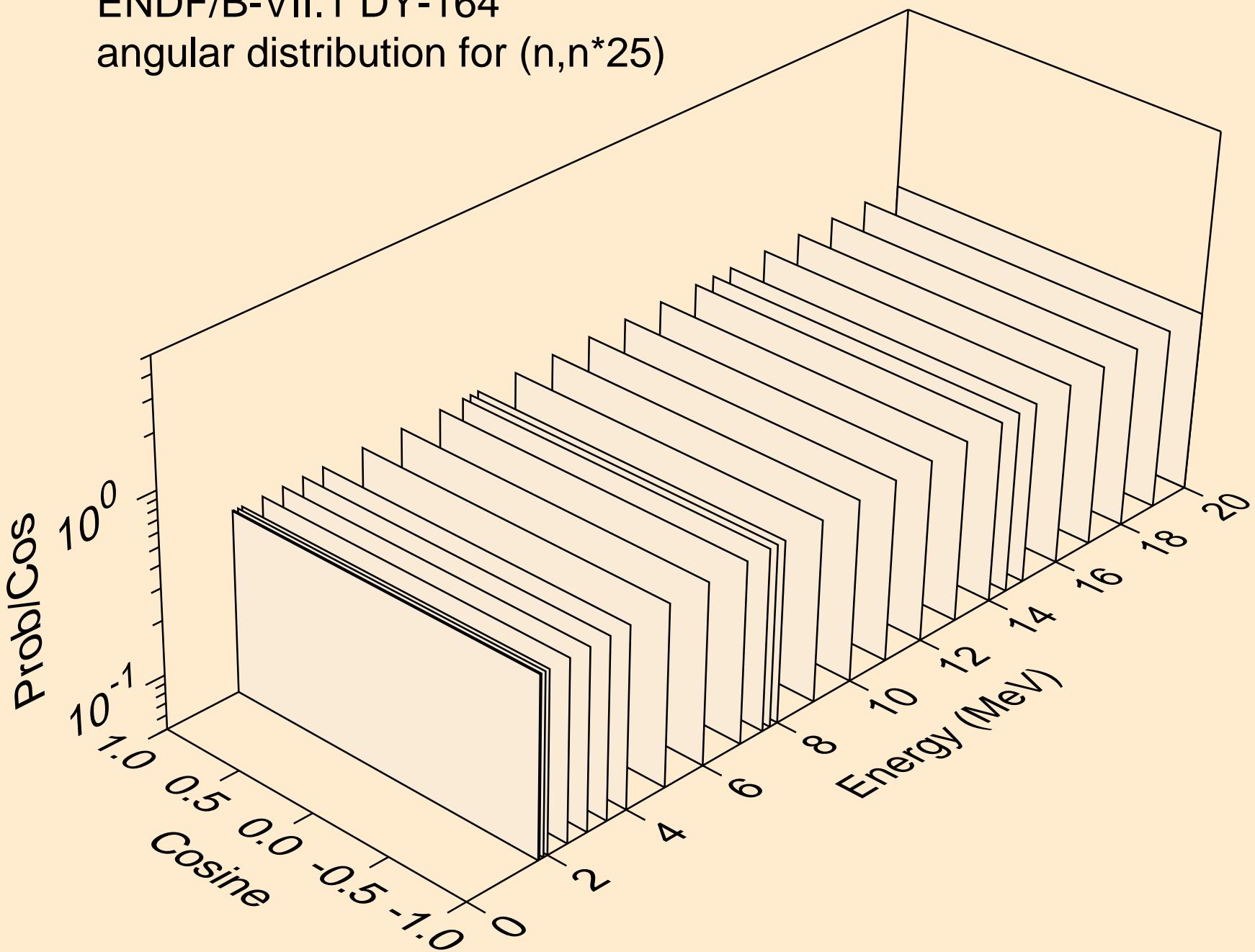
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angular distribution for  $(n,n^*23)$



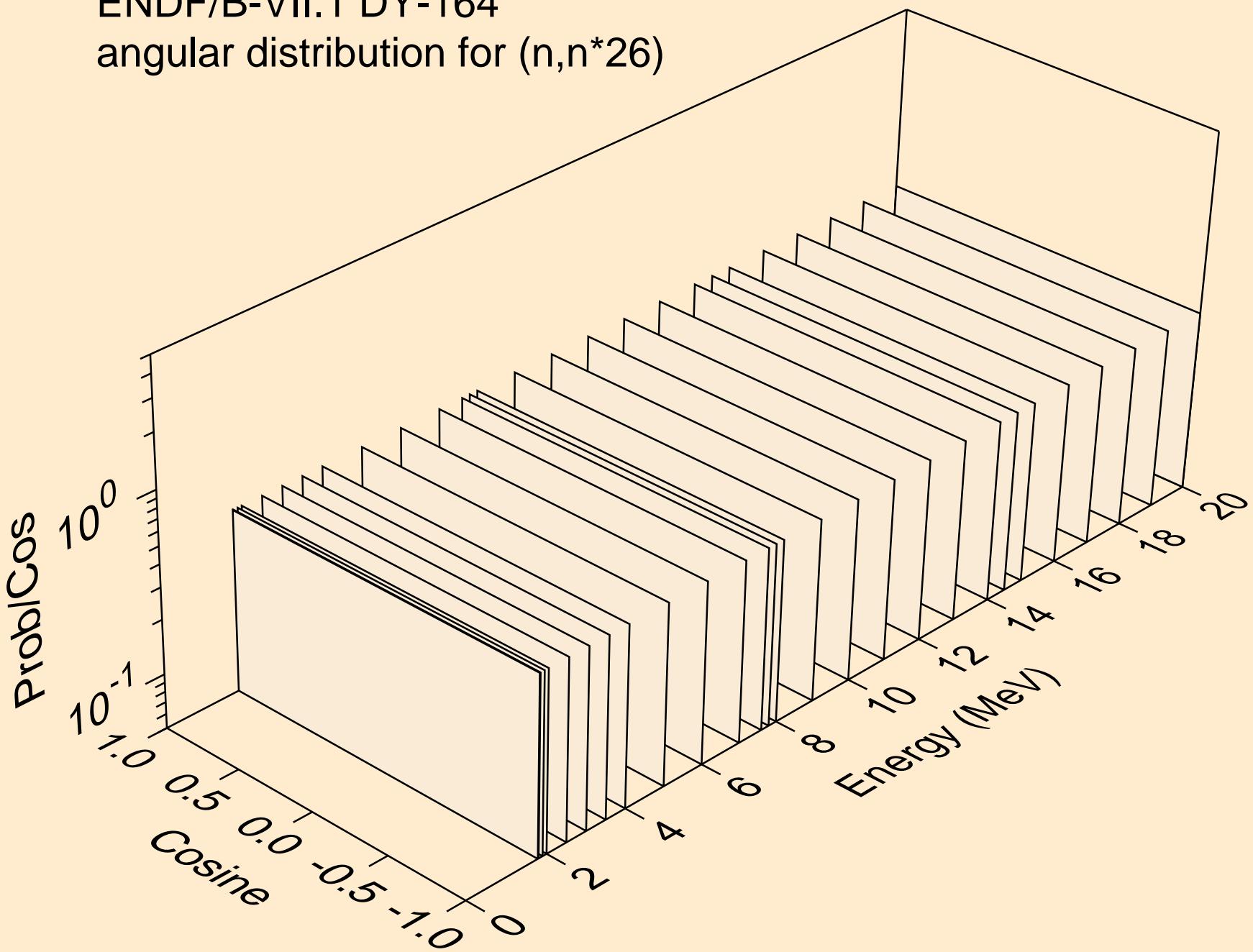
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angular distribution for  $(n,n^*24)$



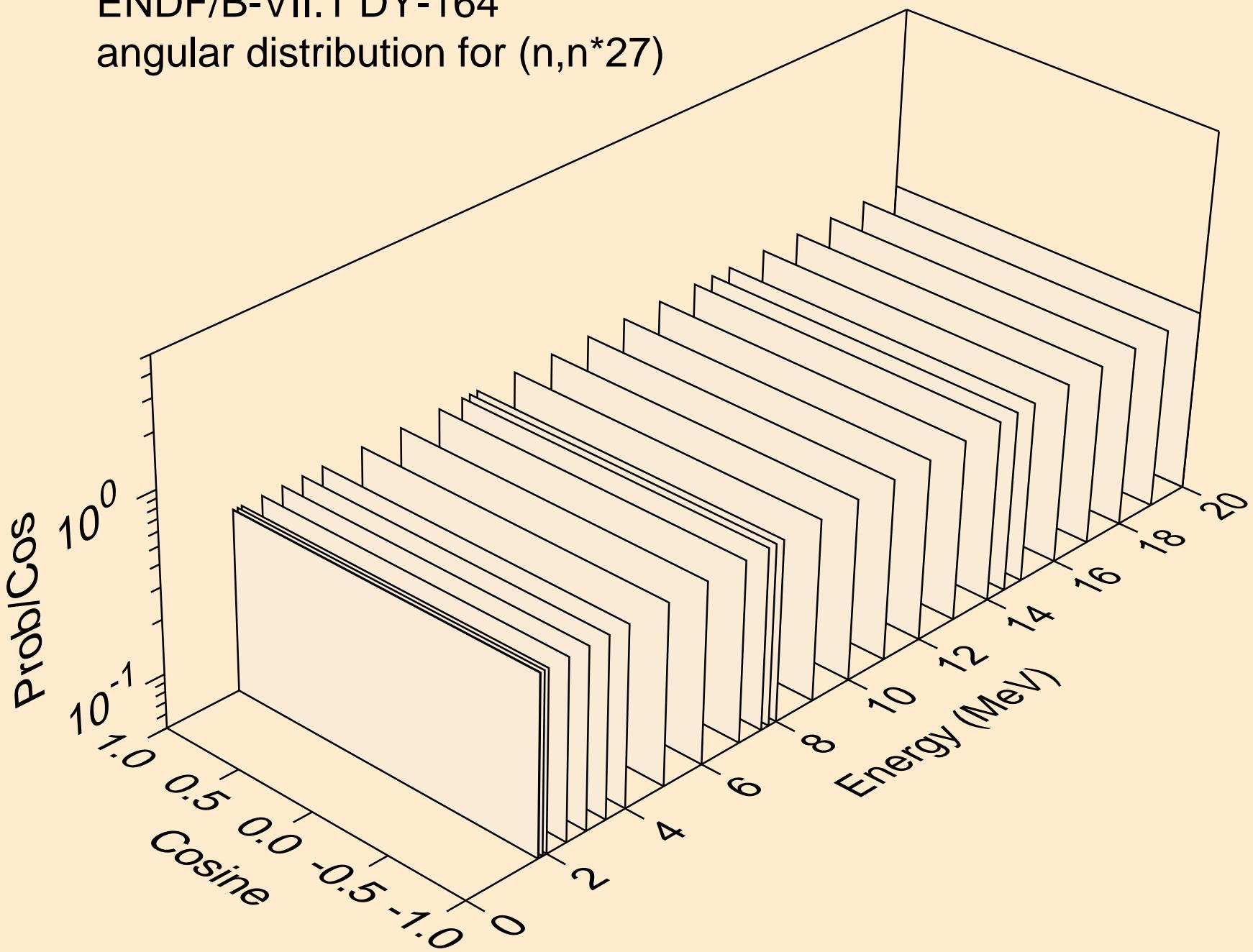
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angular distribution for (n,n\*25)



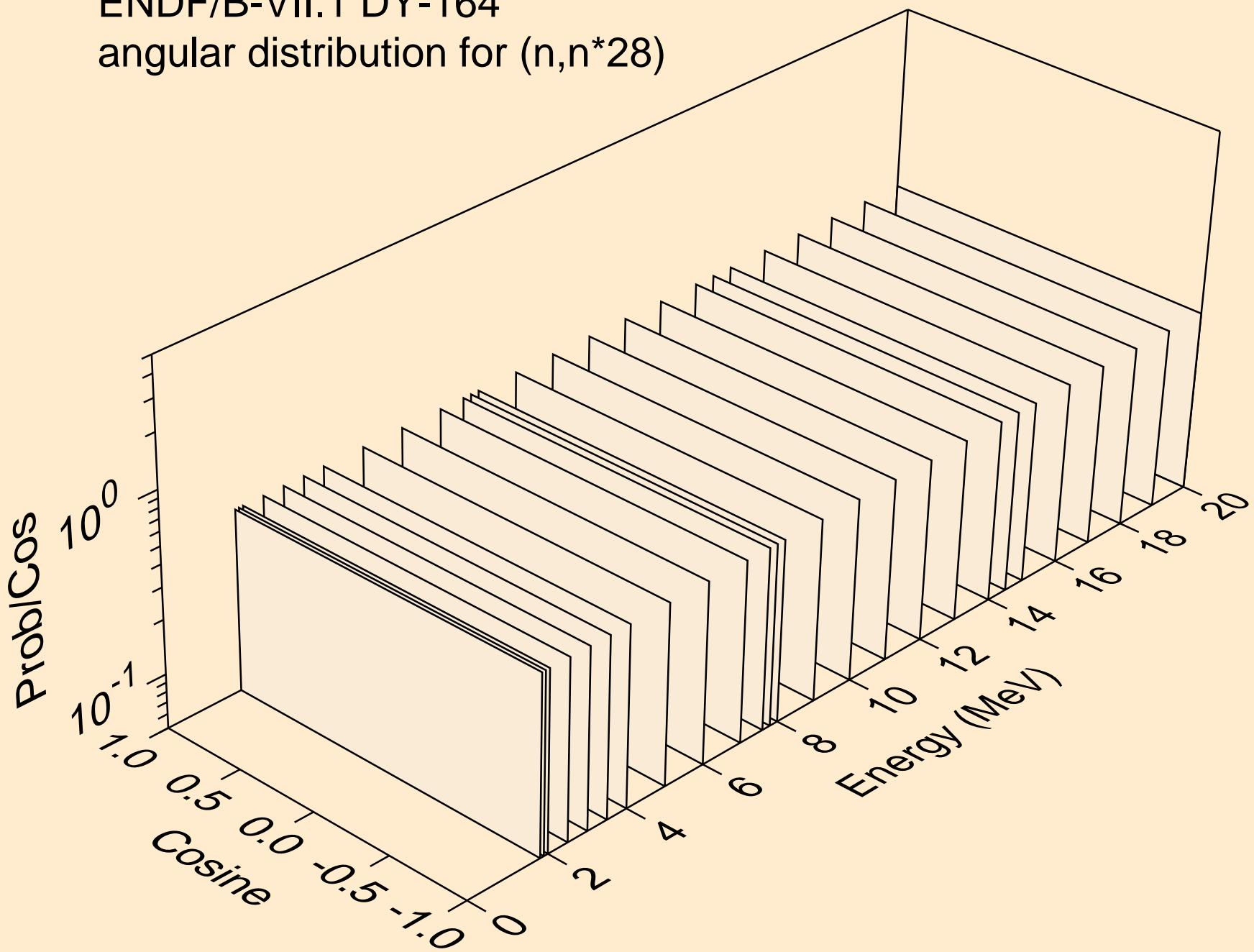
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angular distribution for  $(n,n^*26)$



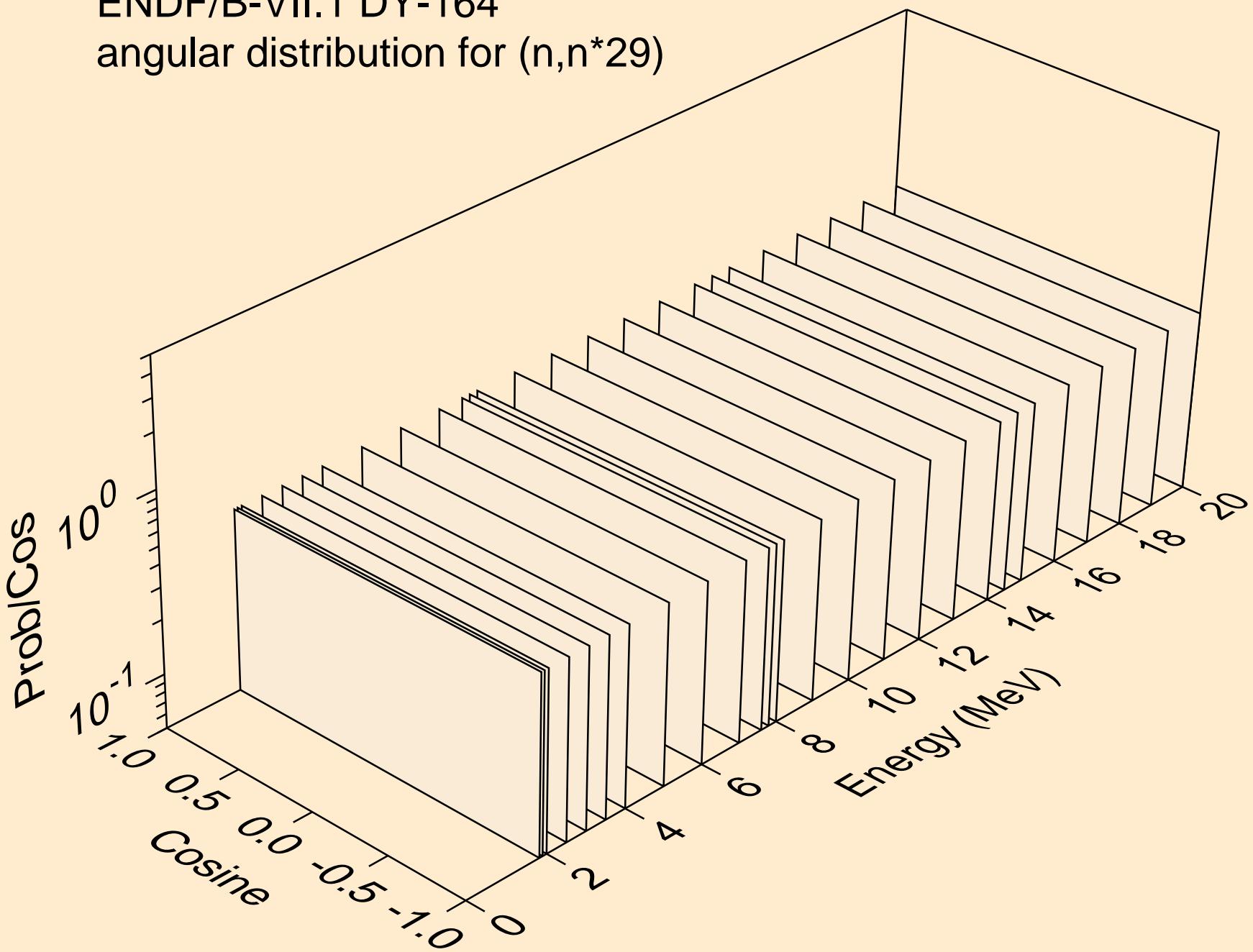
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angular distribution for  $(n,n^*27)$



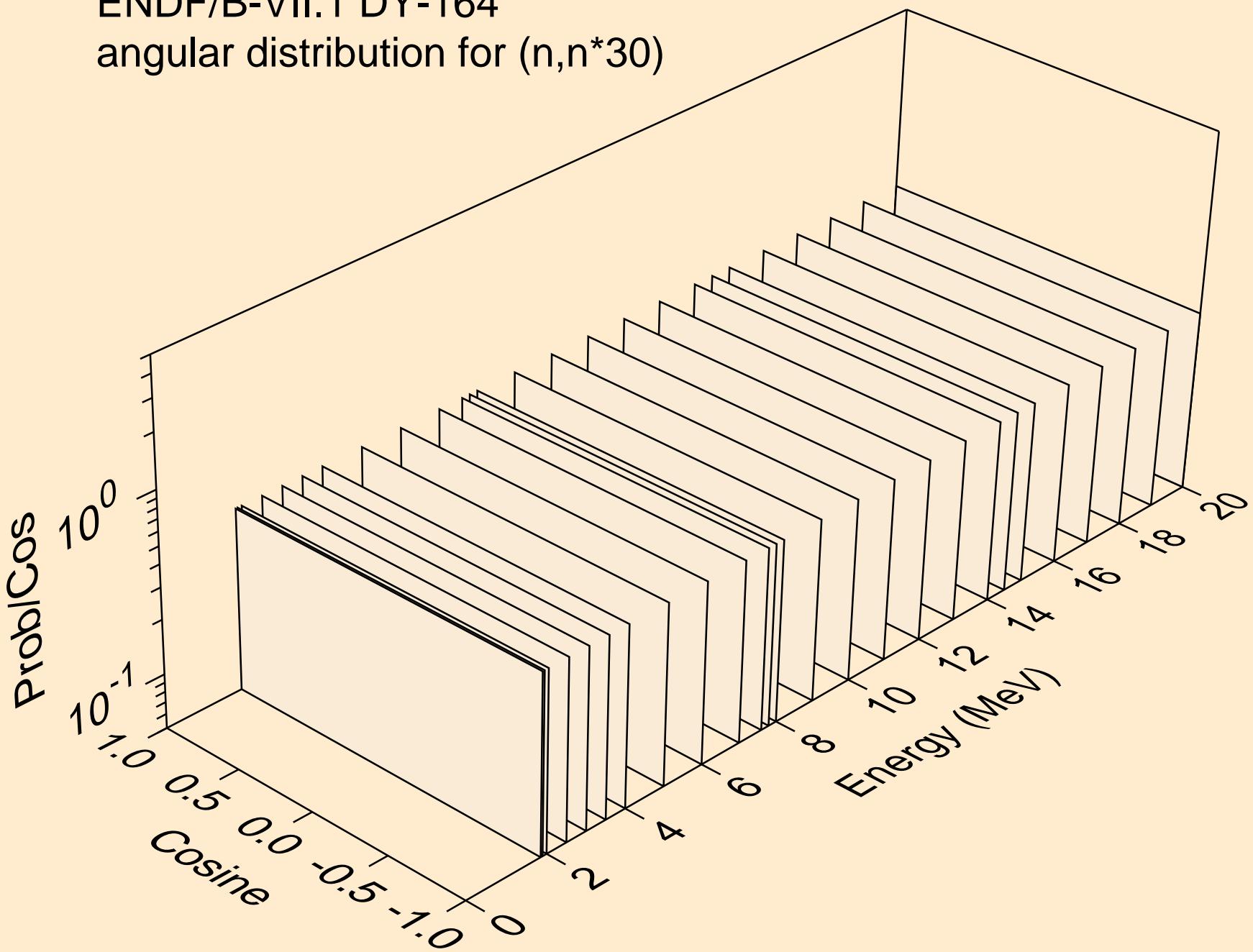
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angular distribution for  $(n,n^*28)$



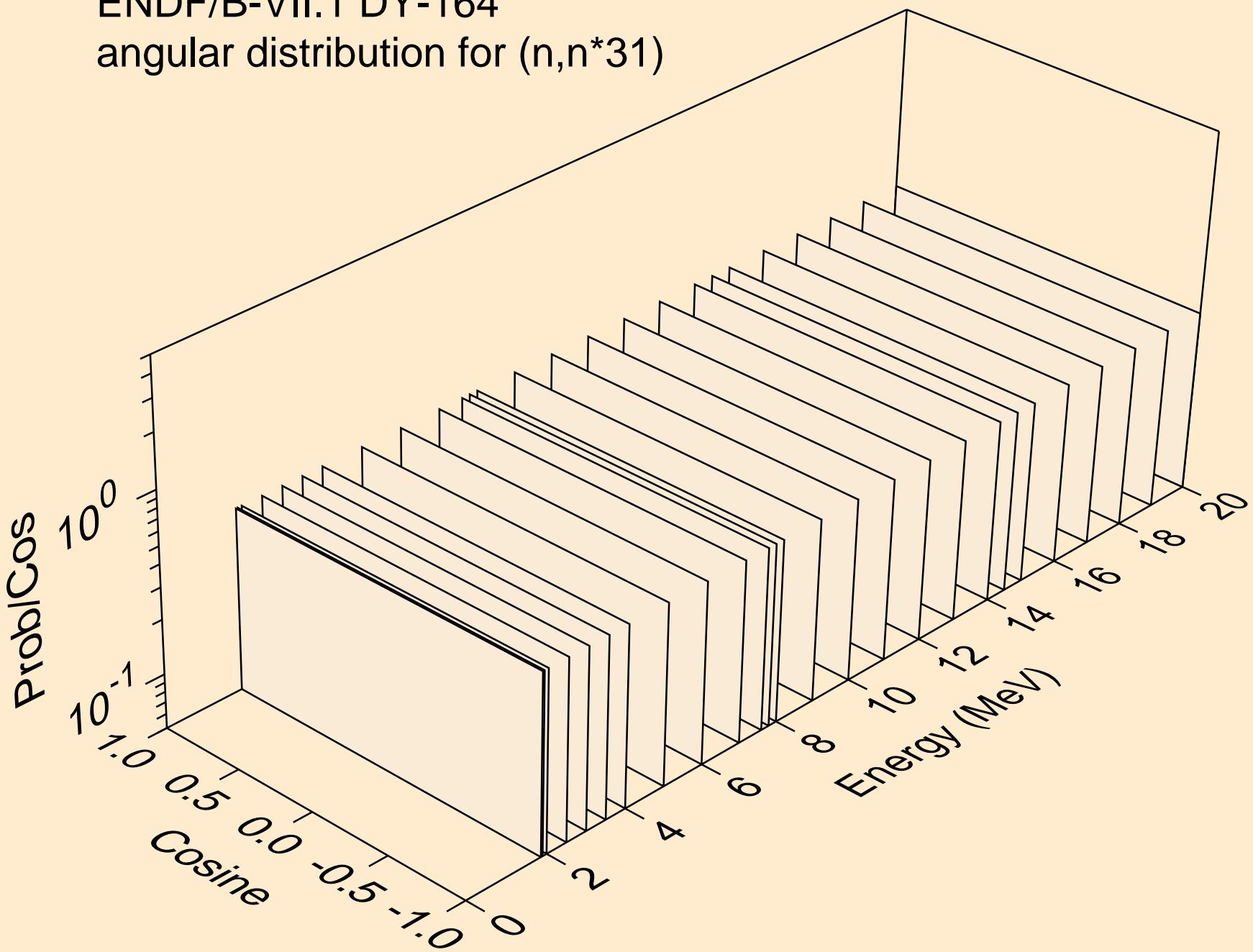
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angular distribution for  $(n,n^*29)$



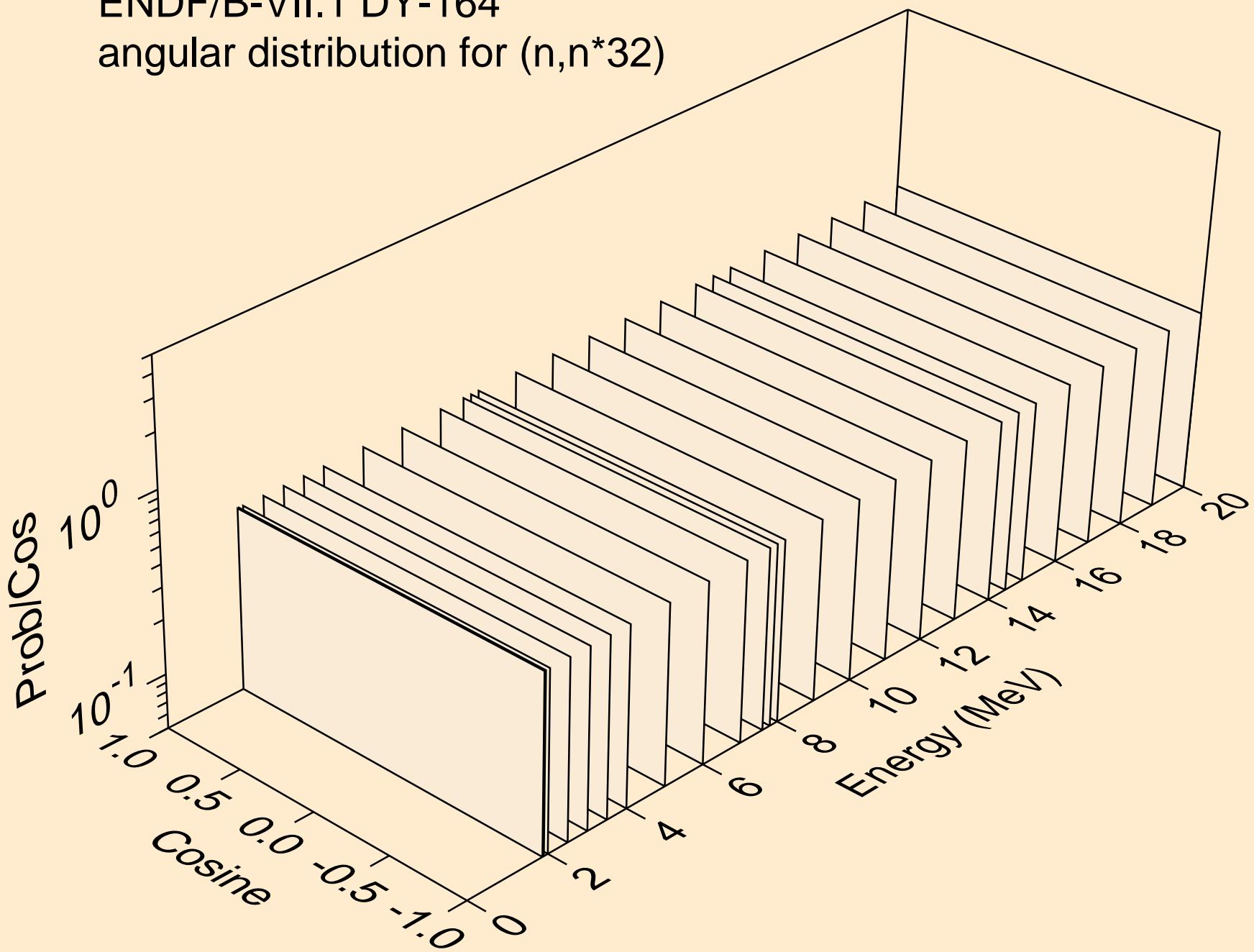
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angular distribution for (n,n\*30)



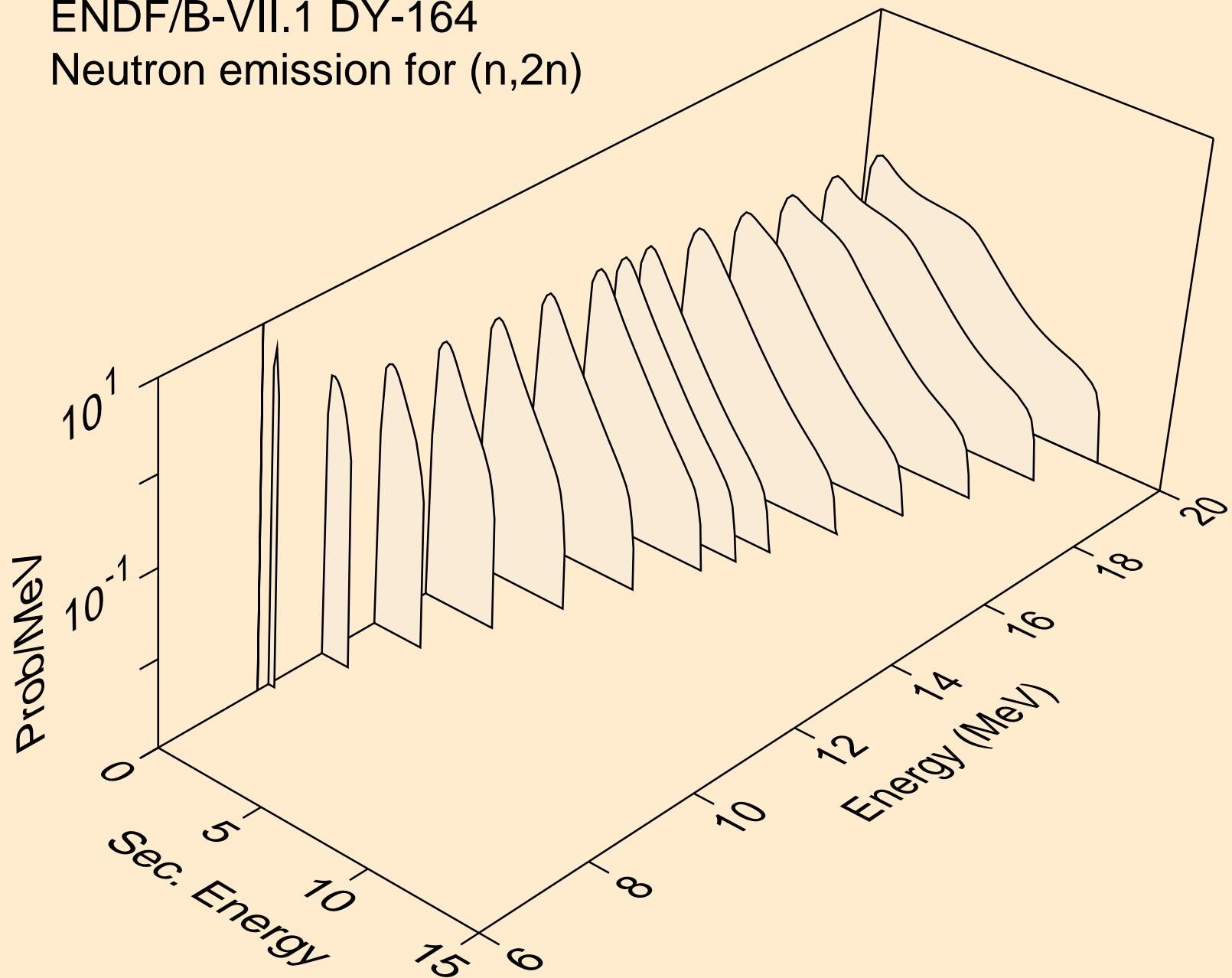
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angular distribution for (n,n\*31)



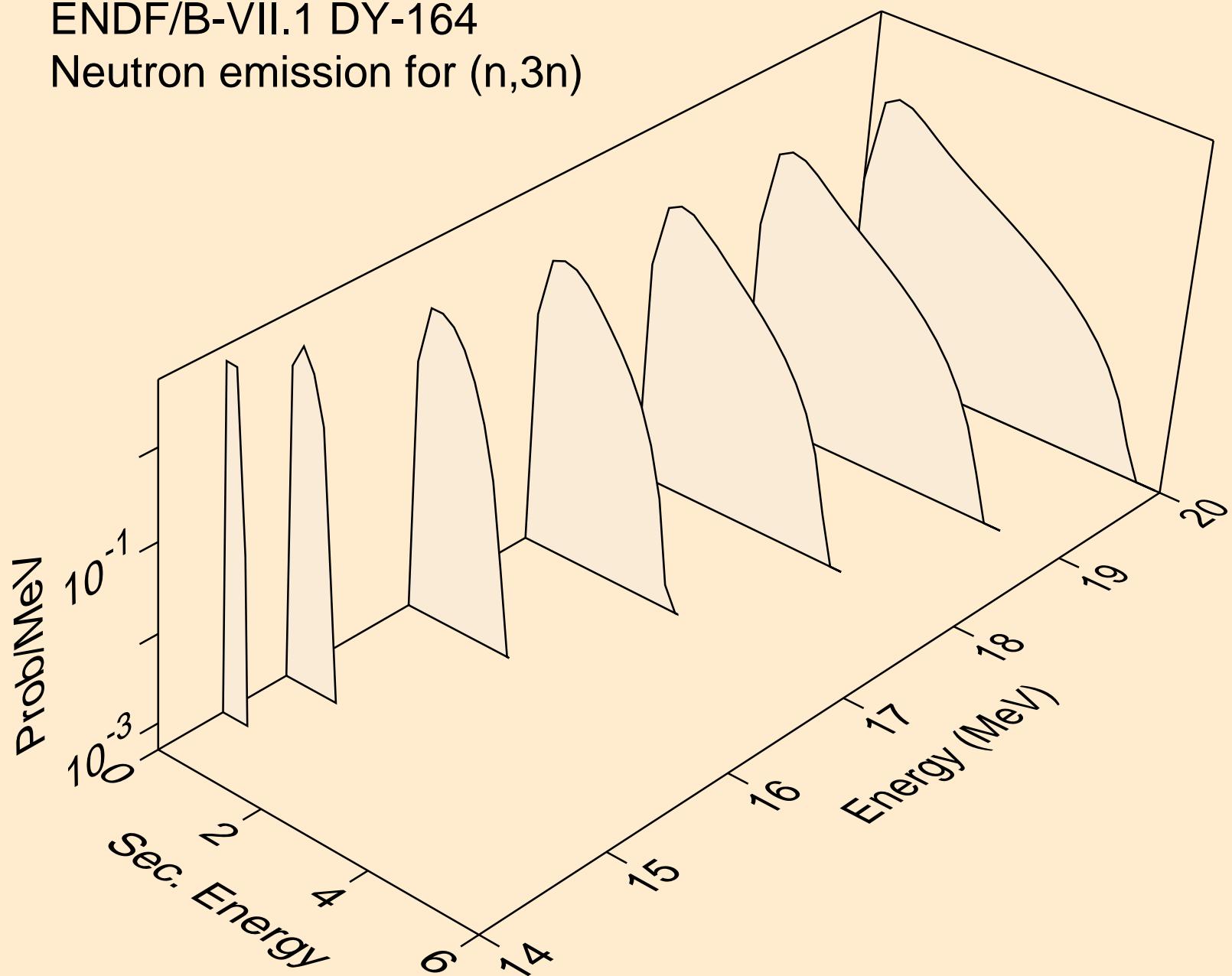
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angular distribution for (n,n\*32)



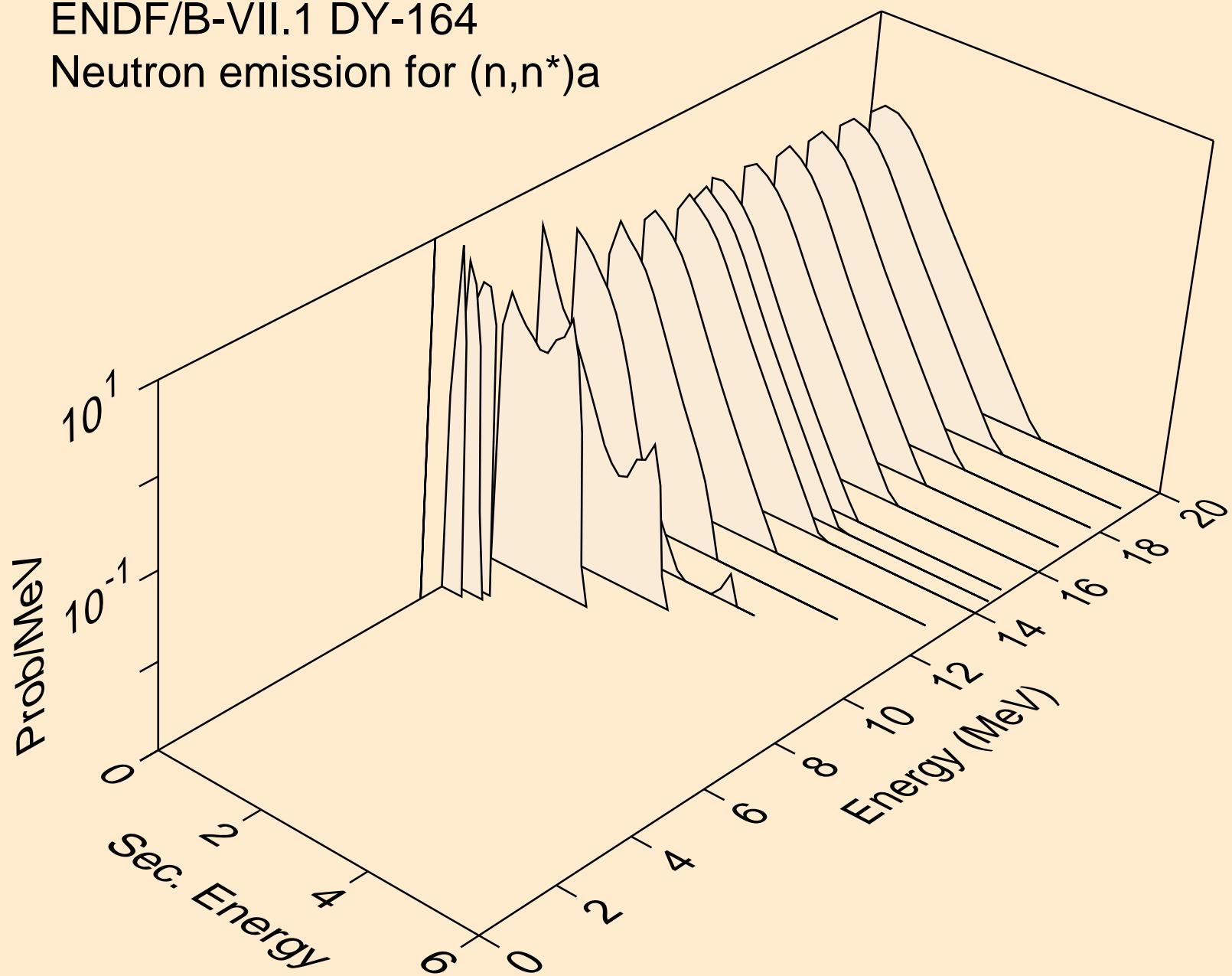
ENDF/B-VII.1 DY-164  
Neutron emission for (n,2n)



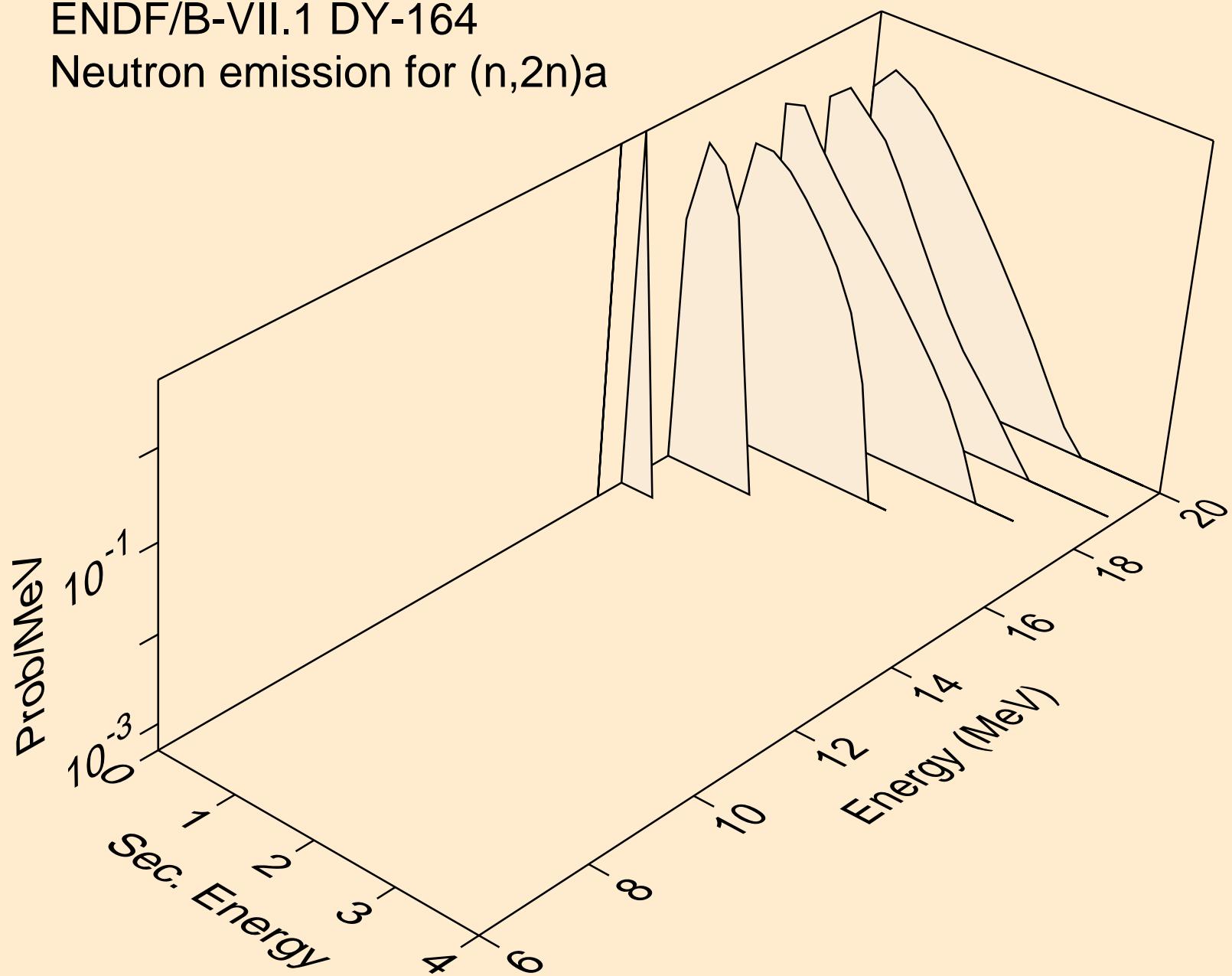
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Neutron emission for (n,3n)



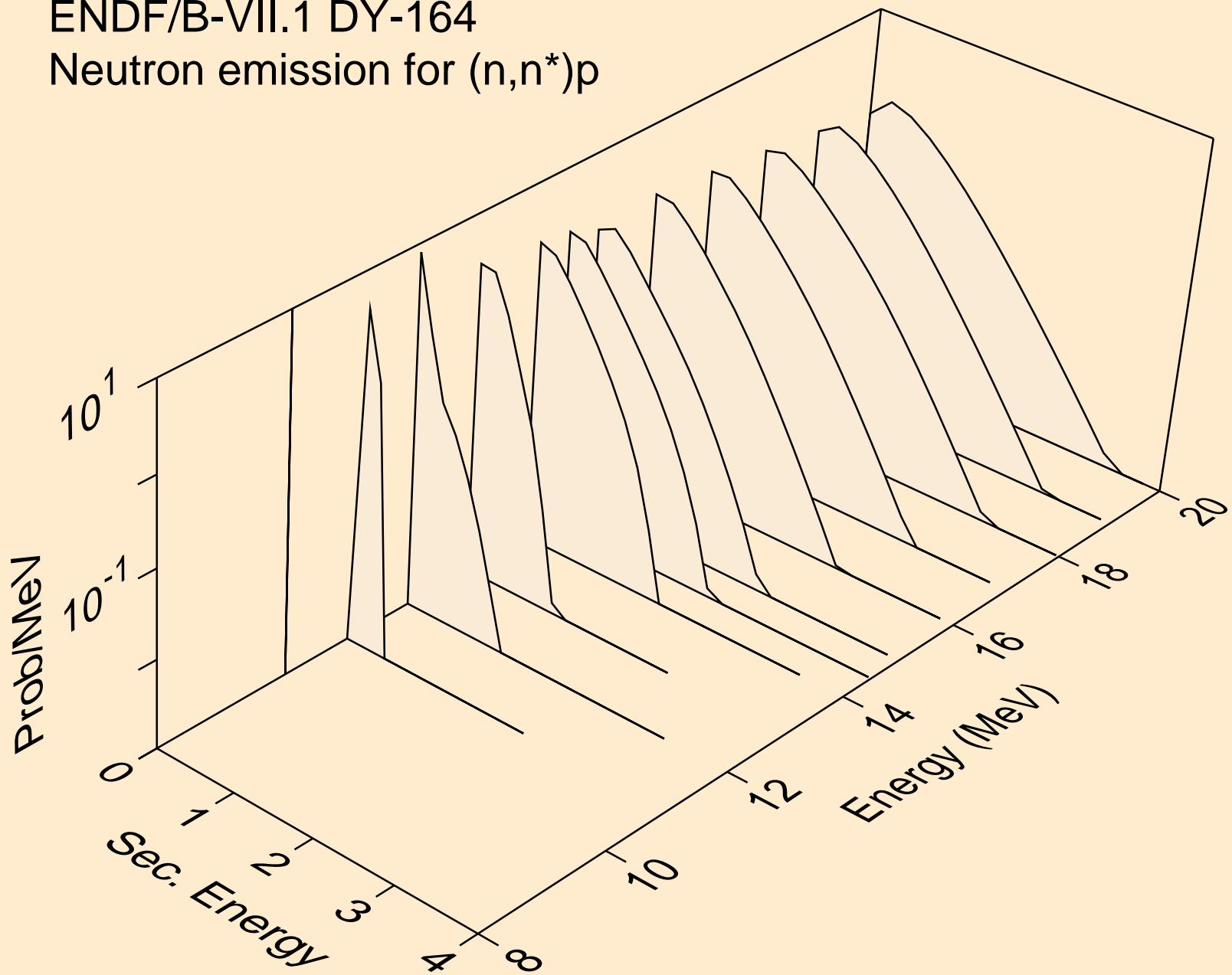
ENDF/B-VII.1 DY-164  
Neutron emission for  $(n,n^*)a$



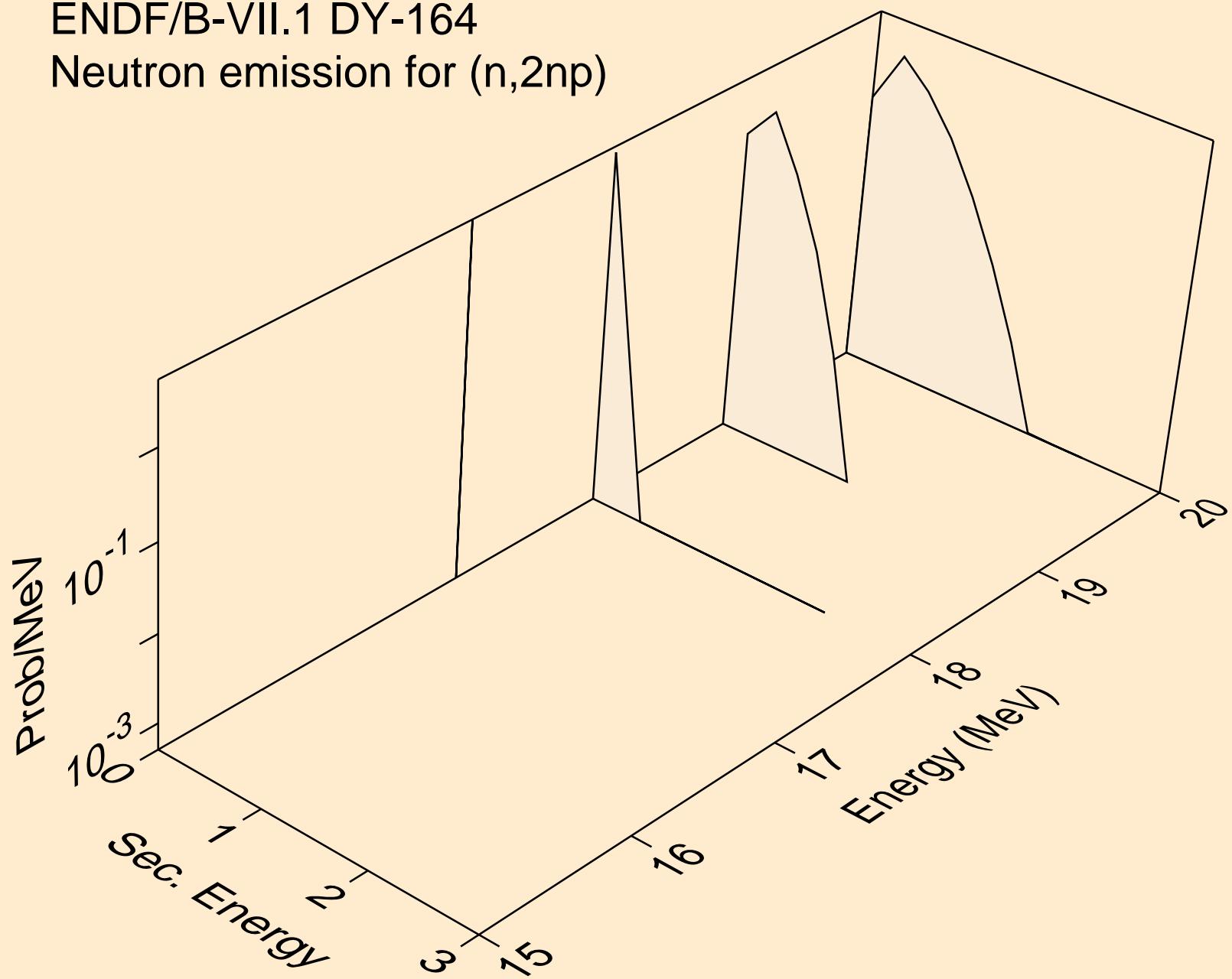
ENDF/B-VII.1 DY-164  
Neutron emission for  $(n,2n)a$



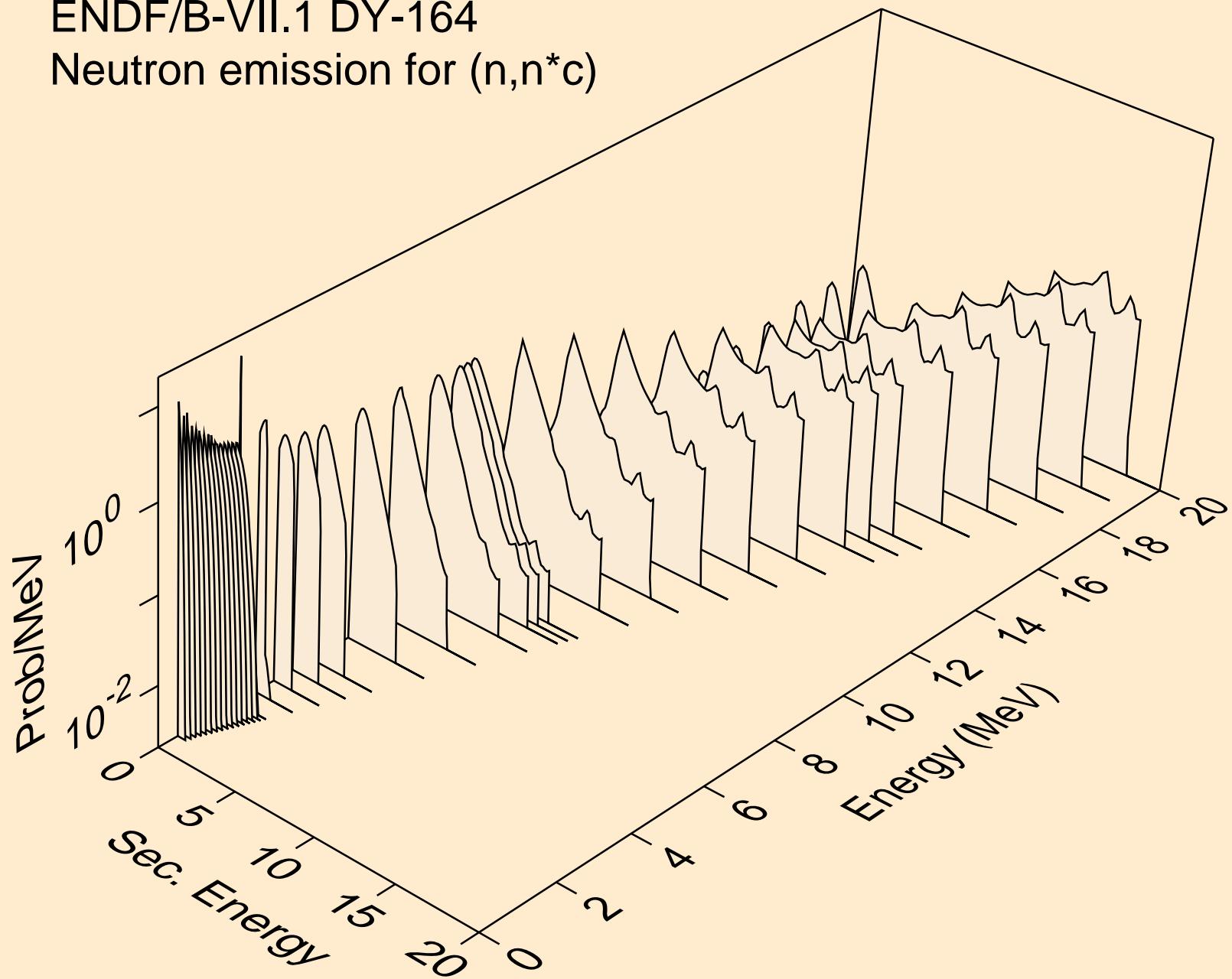
ENDF/B-VII.1 DY-164  
Neutron emission for  $(n,n^*)p$



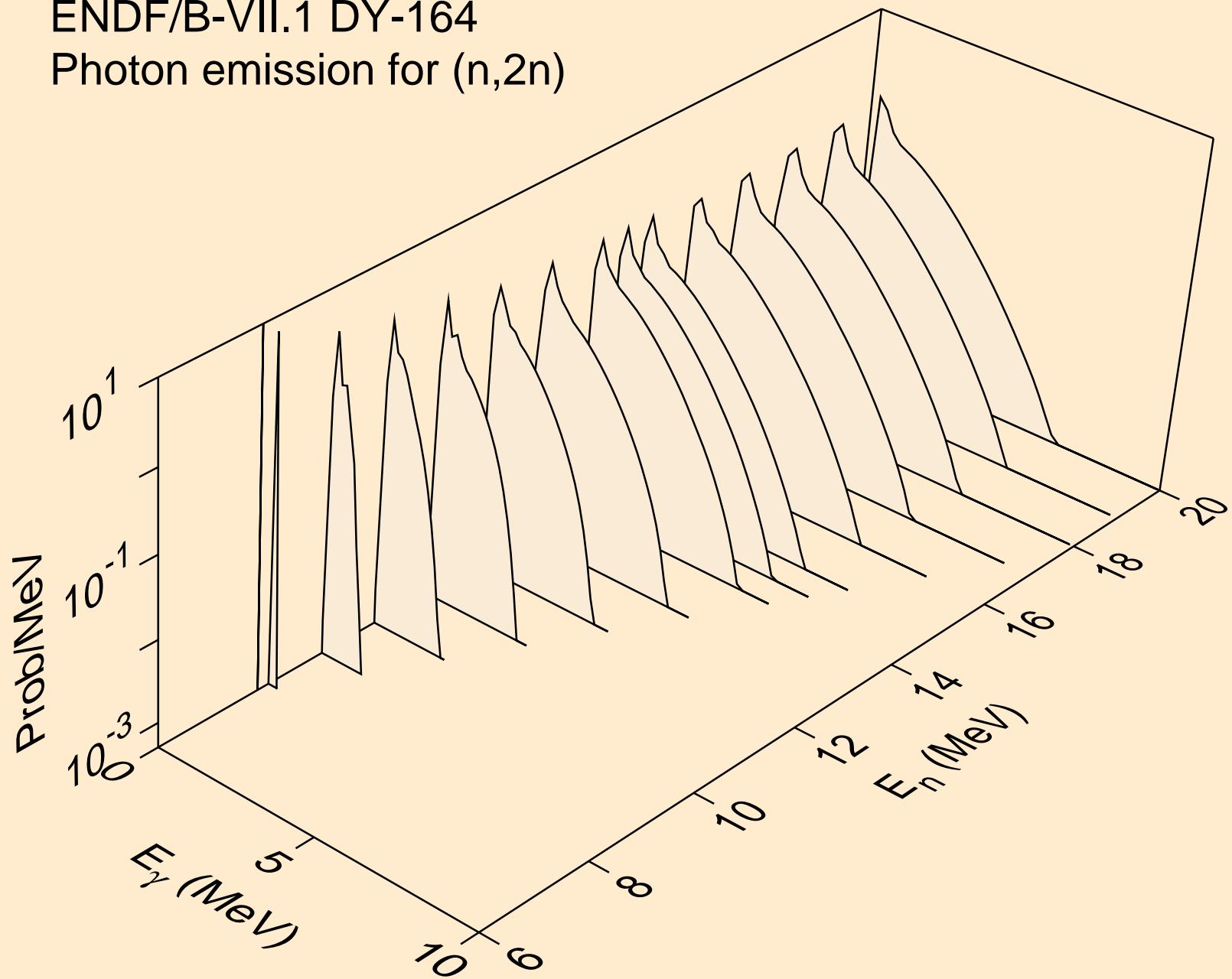
ENDF/B-VII.1 DY-164  
Neutron emission for (n,2np)



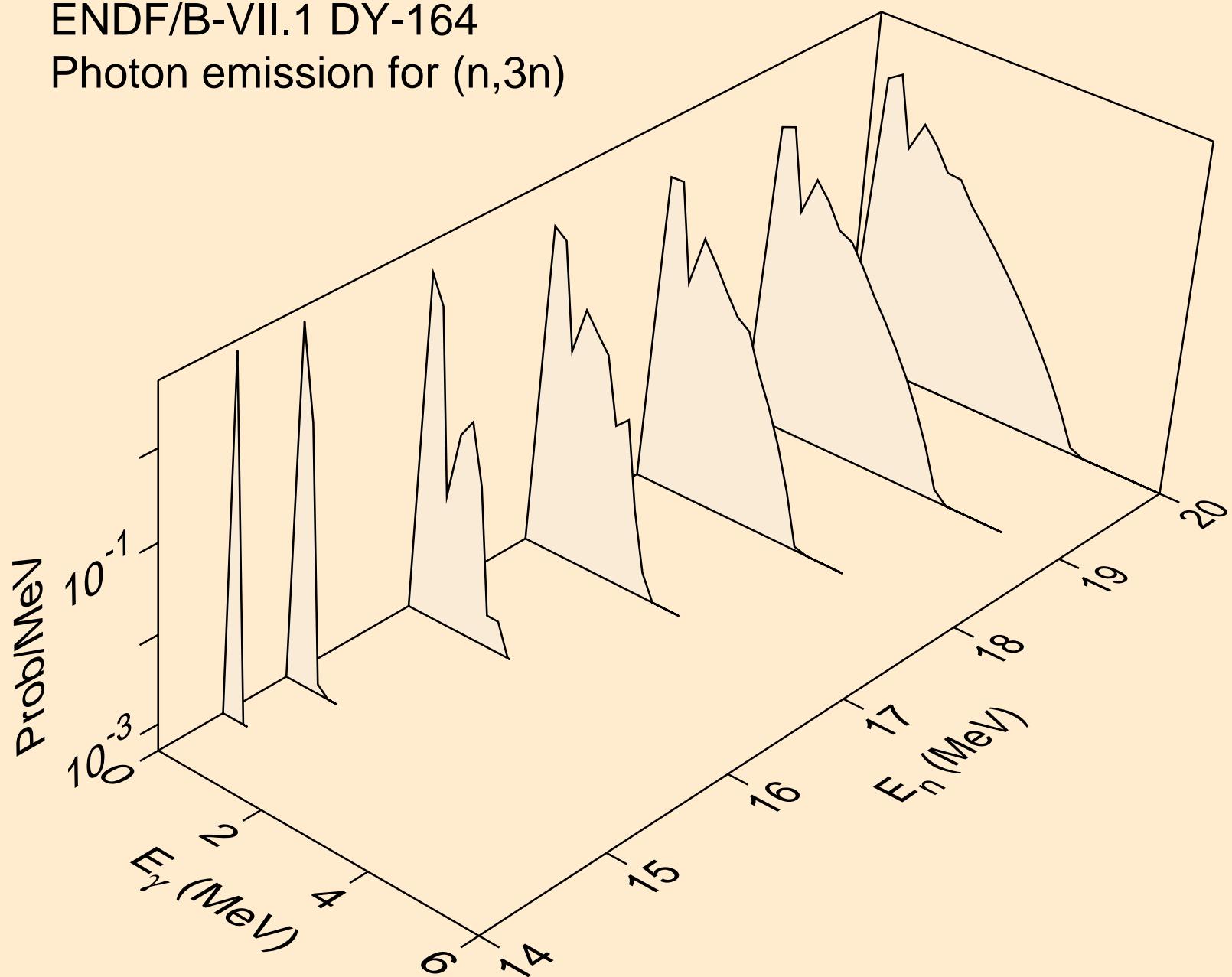
ENDF/B-VII.1 DY-164  
Neutron emission for  $(n, n^* c)$



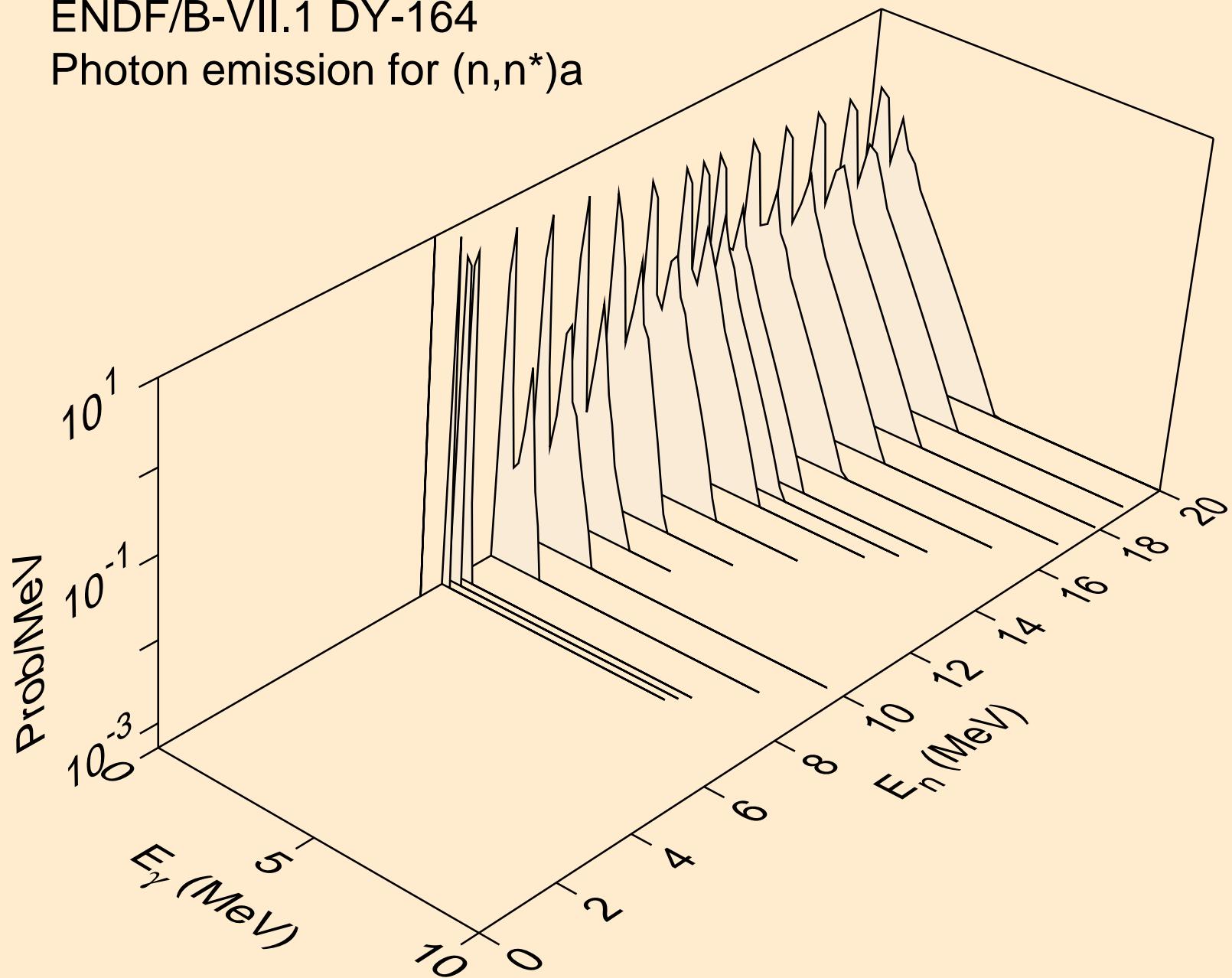
ENDF/B-VII.1 DY-164  
Photon emission for (n,2n)



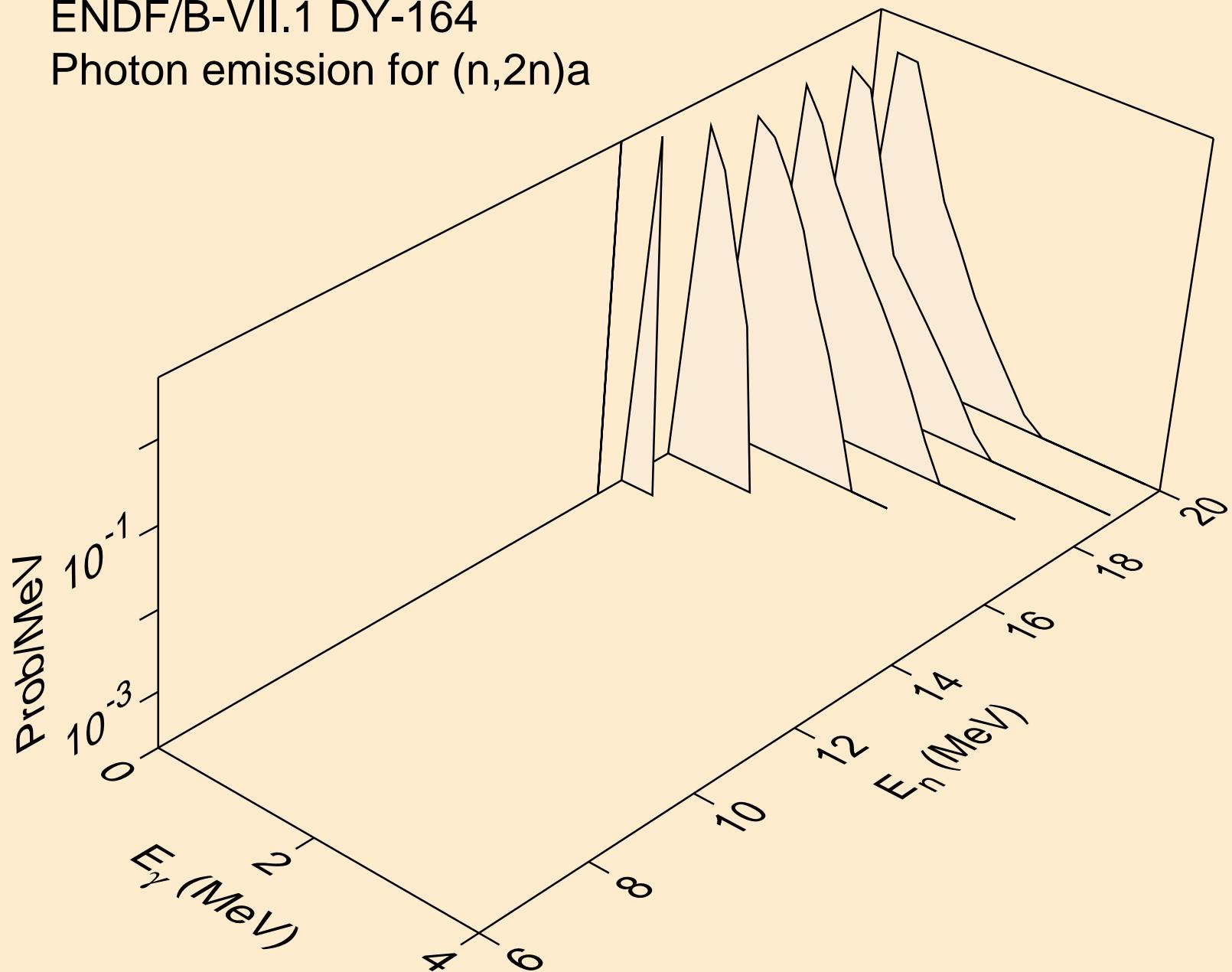
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Photon emission for (n,3n)



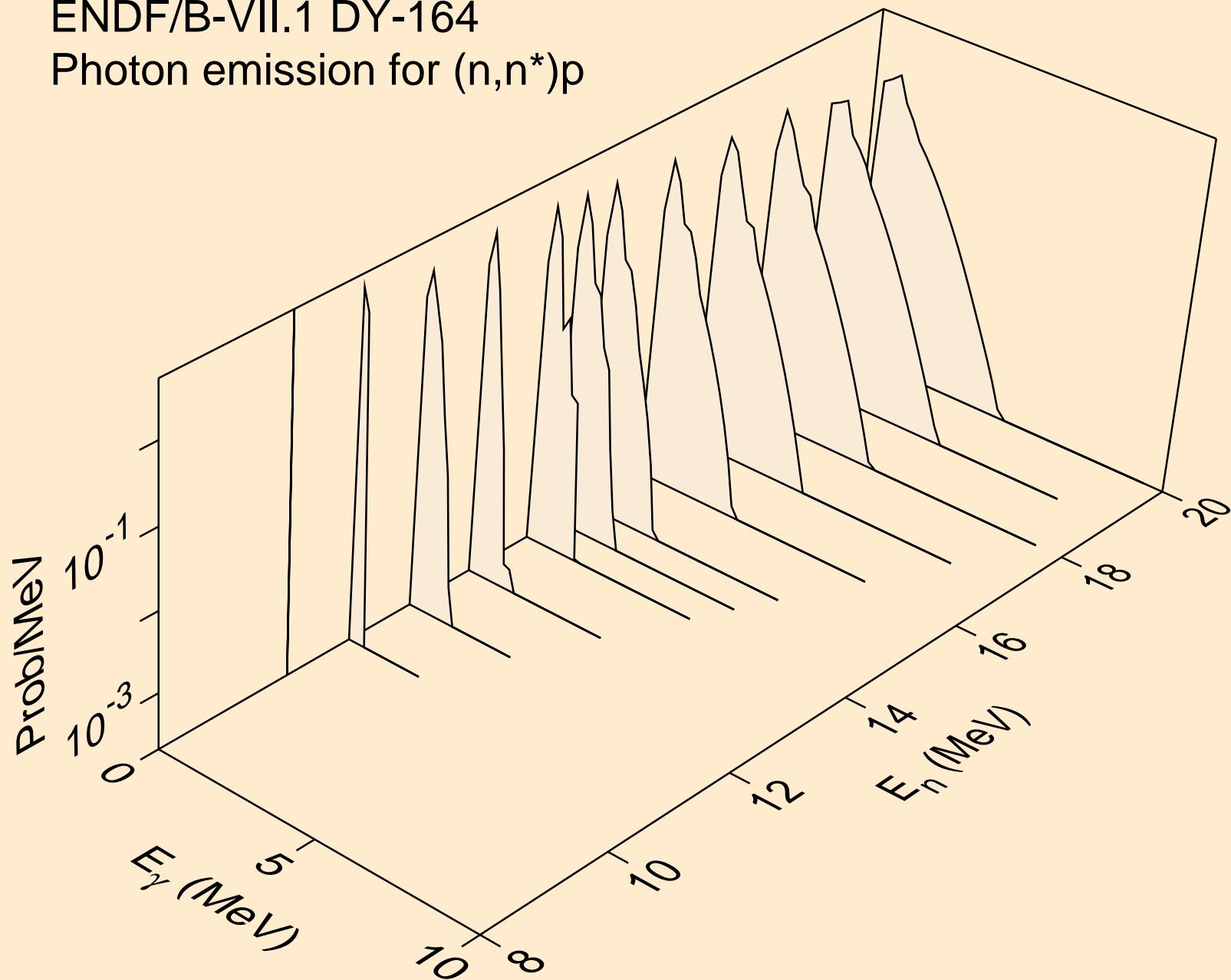
ENDF/B-VII.1 DY-164  
Photon emission for  $(n,n^*)a$



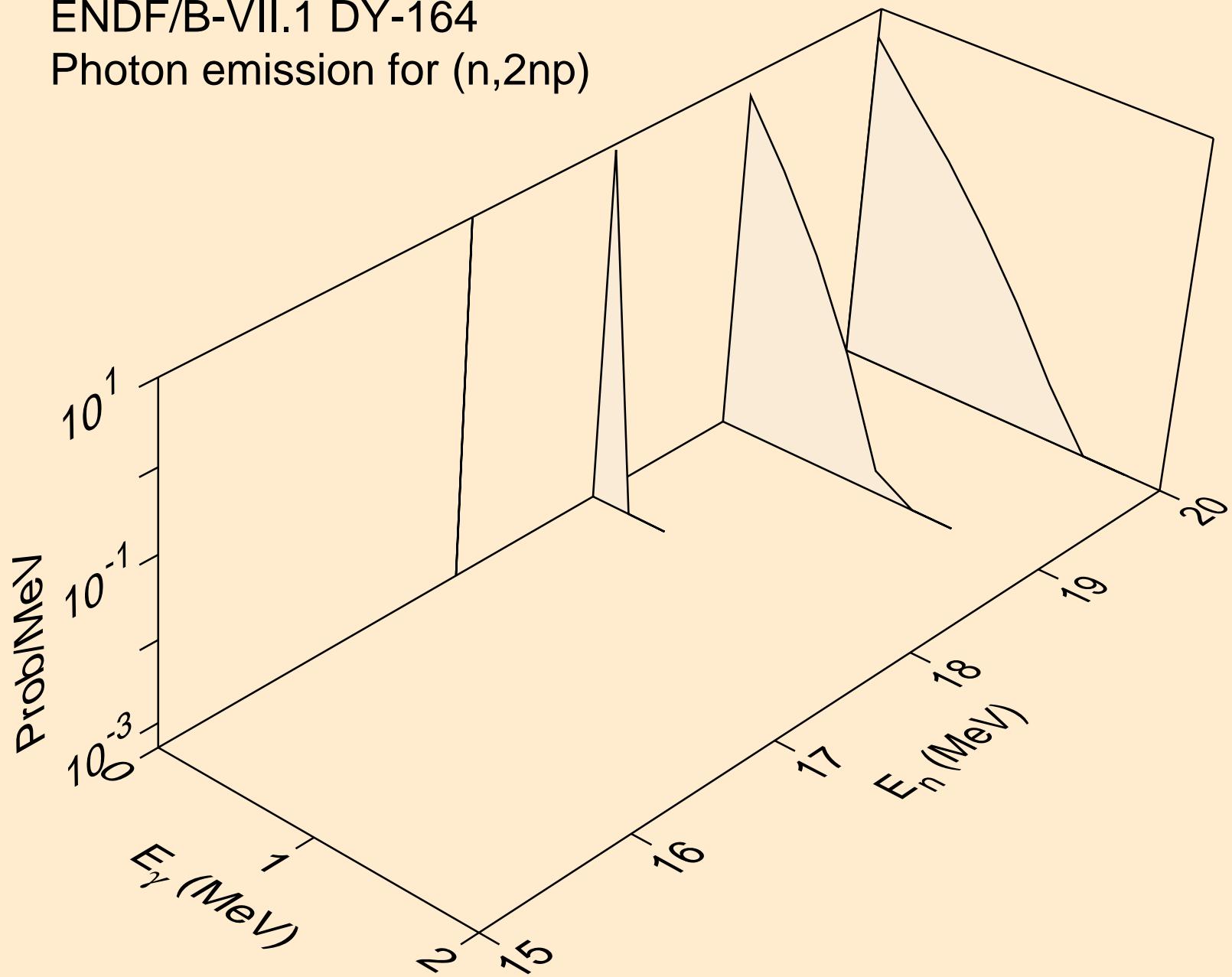
ENDF/B-VII.1 DY-164  
Photon emission for  $(n,2n)a$



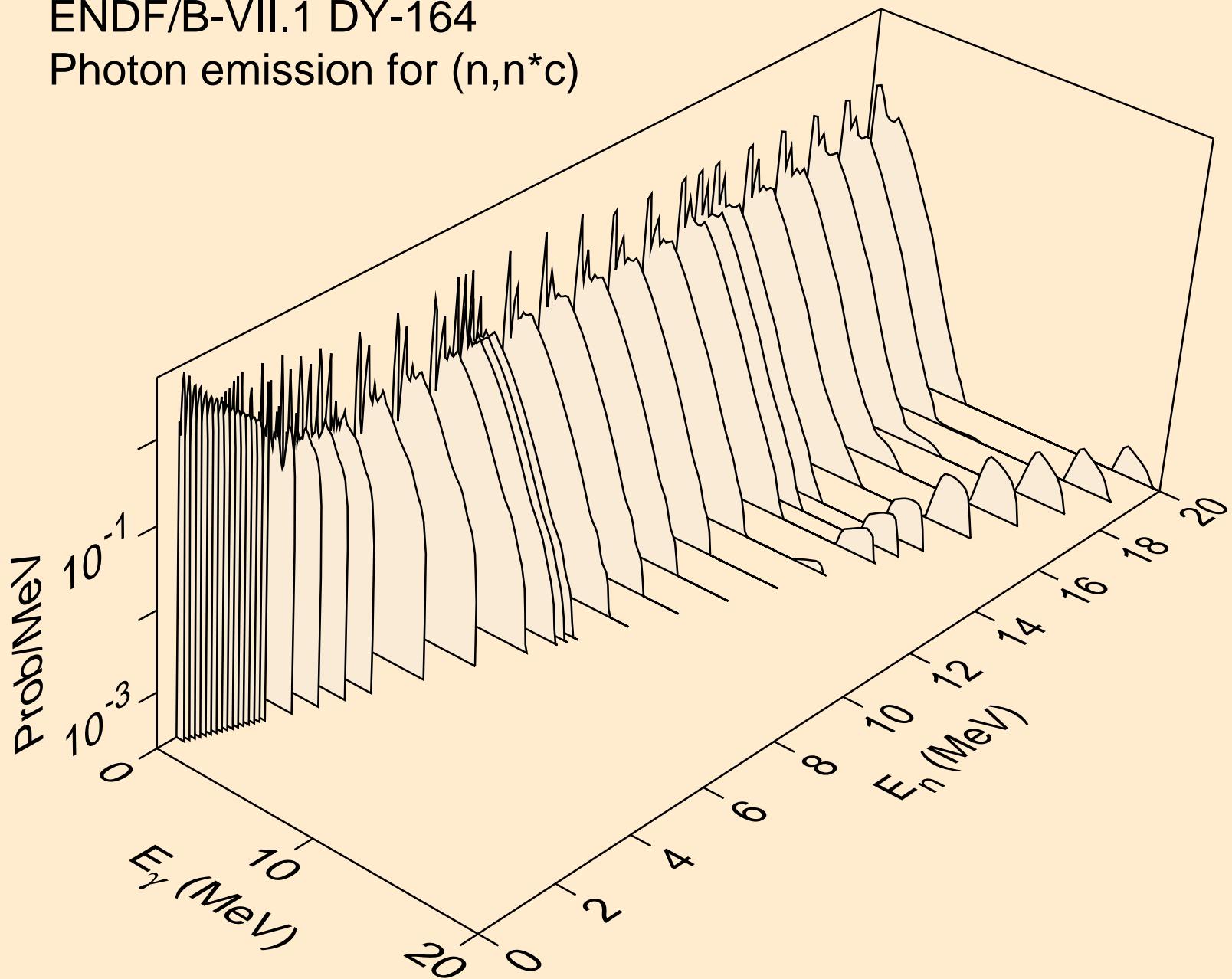
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Photon emission for  $(n, n^*)p$



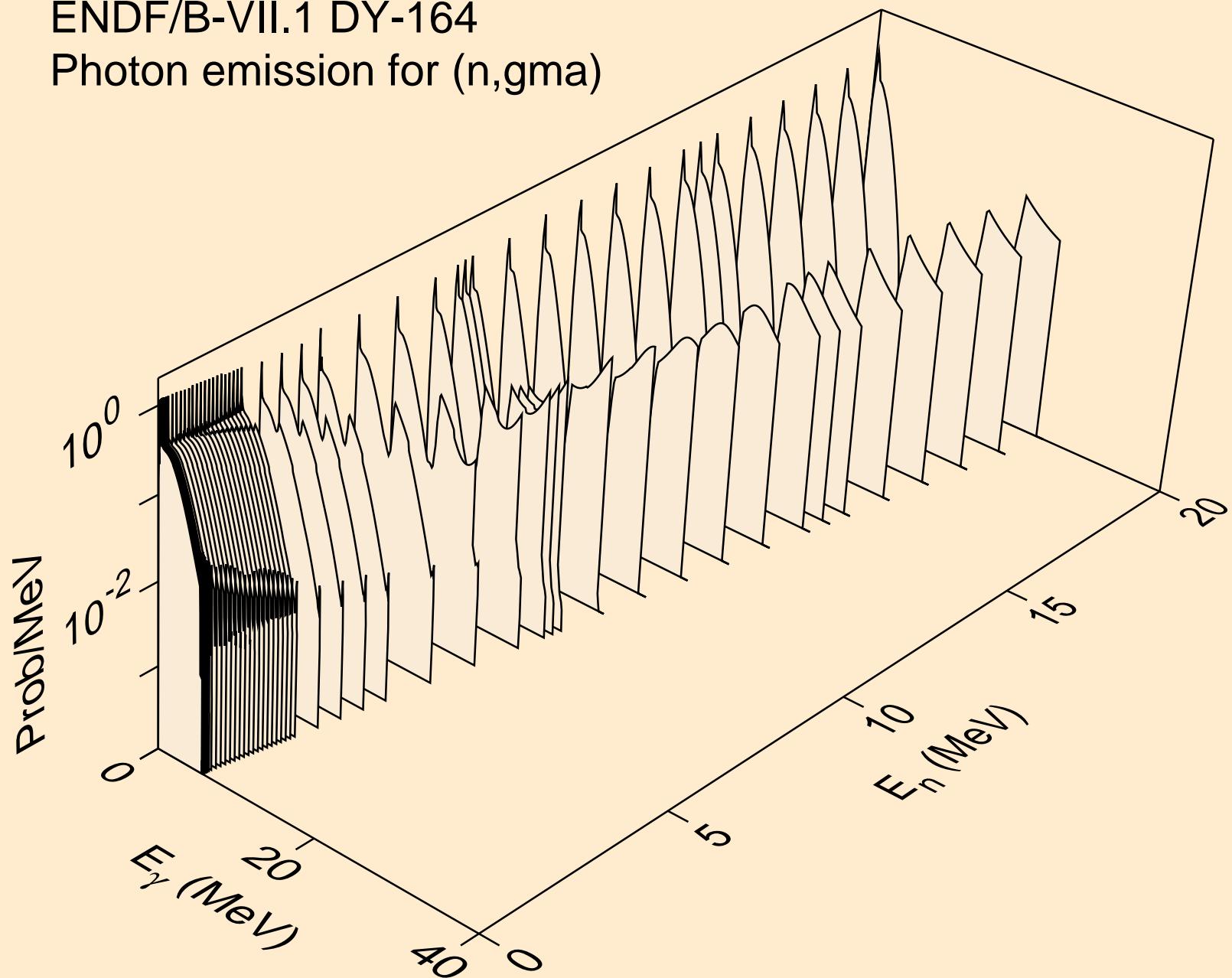
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Photon emission for ( $n, 2np$ )



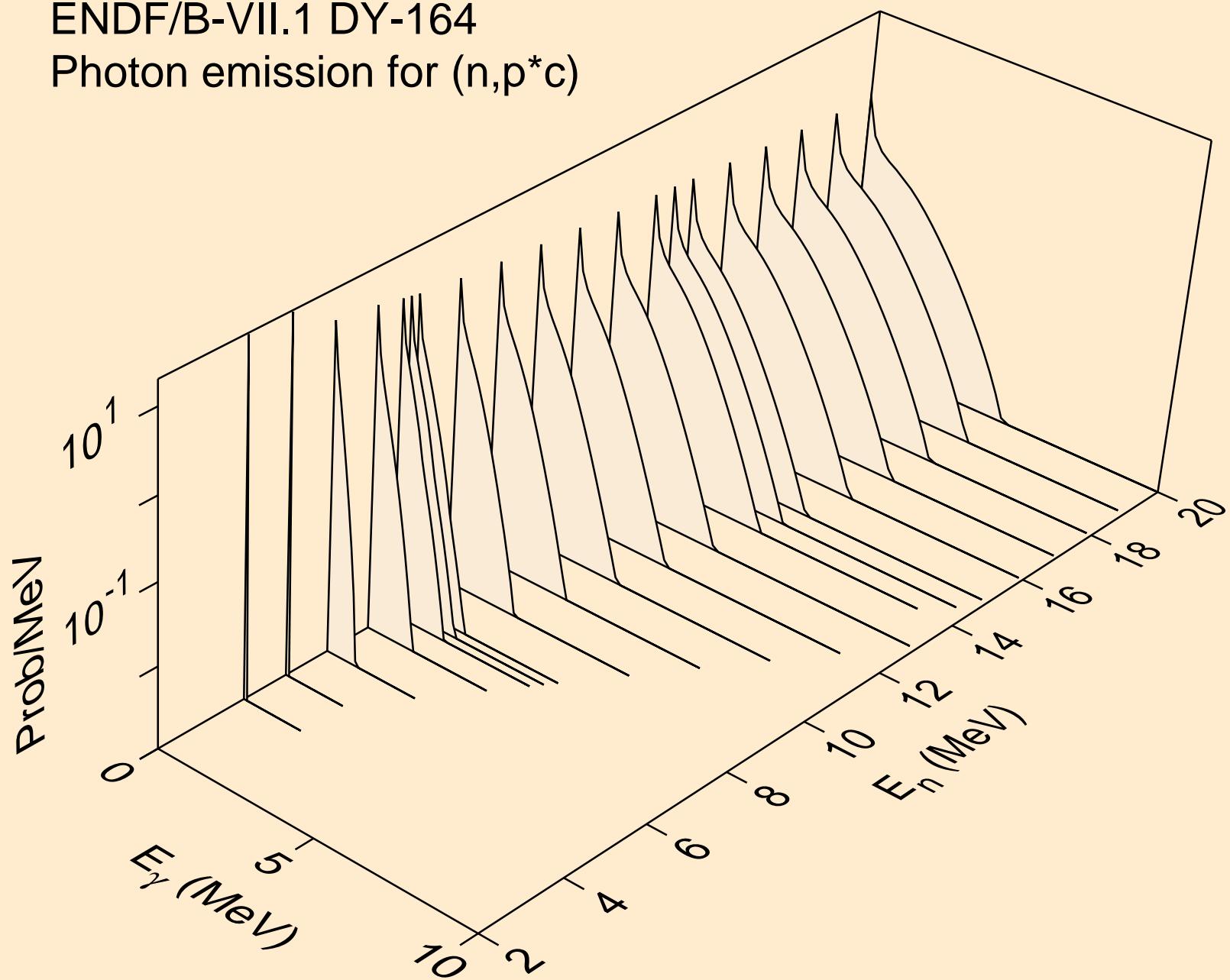
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Photon emission for ( $n, n^* c$ )



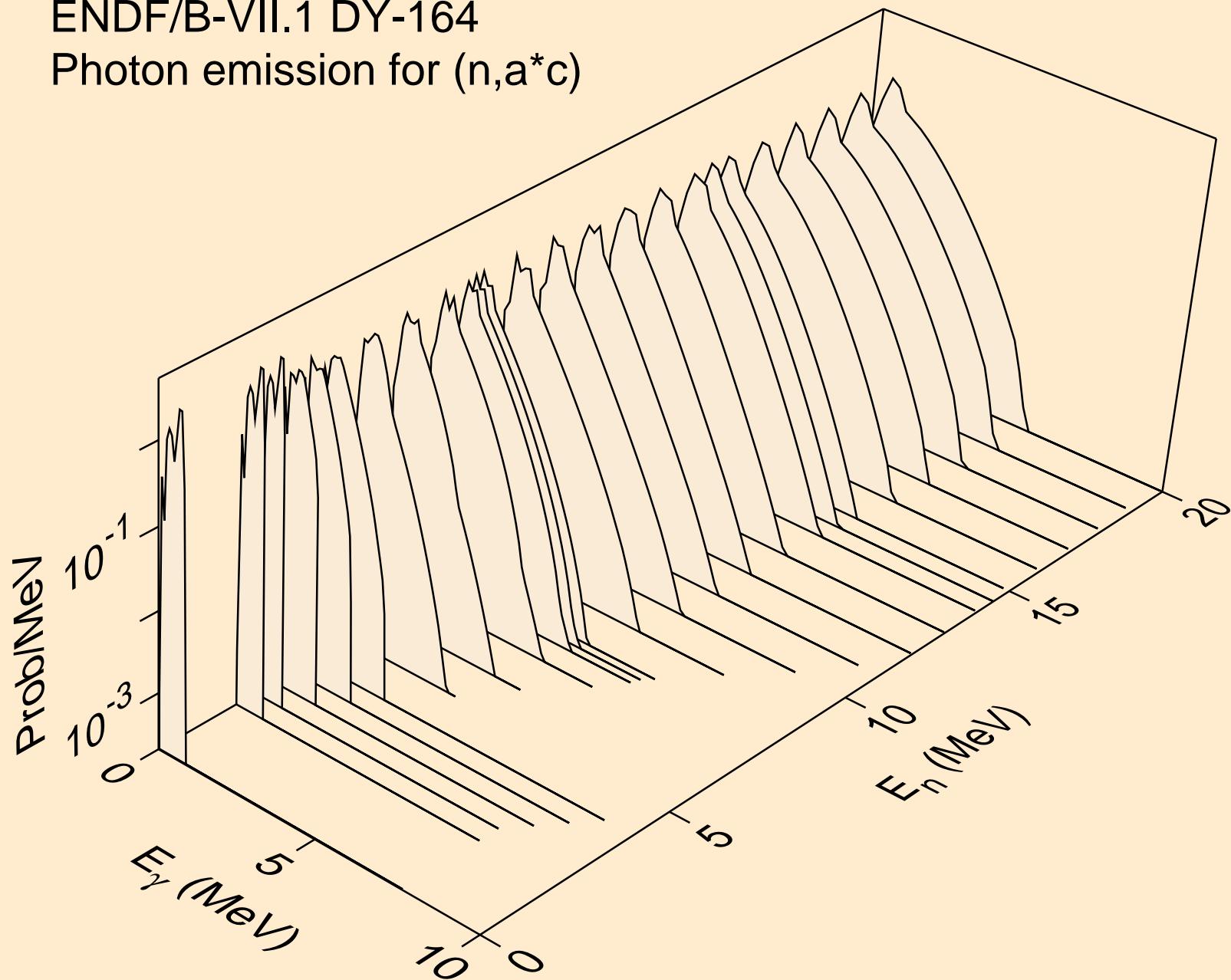
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Photon emission for (n,gma)



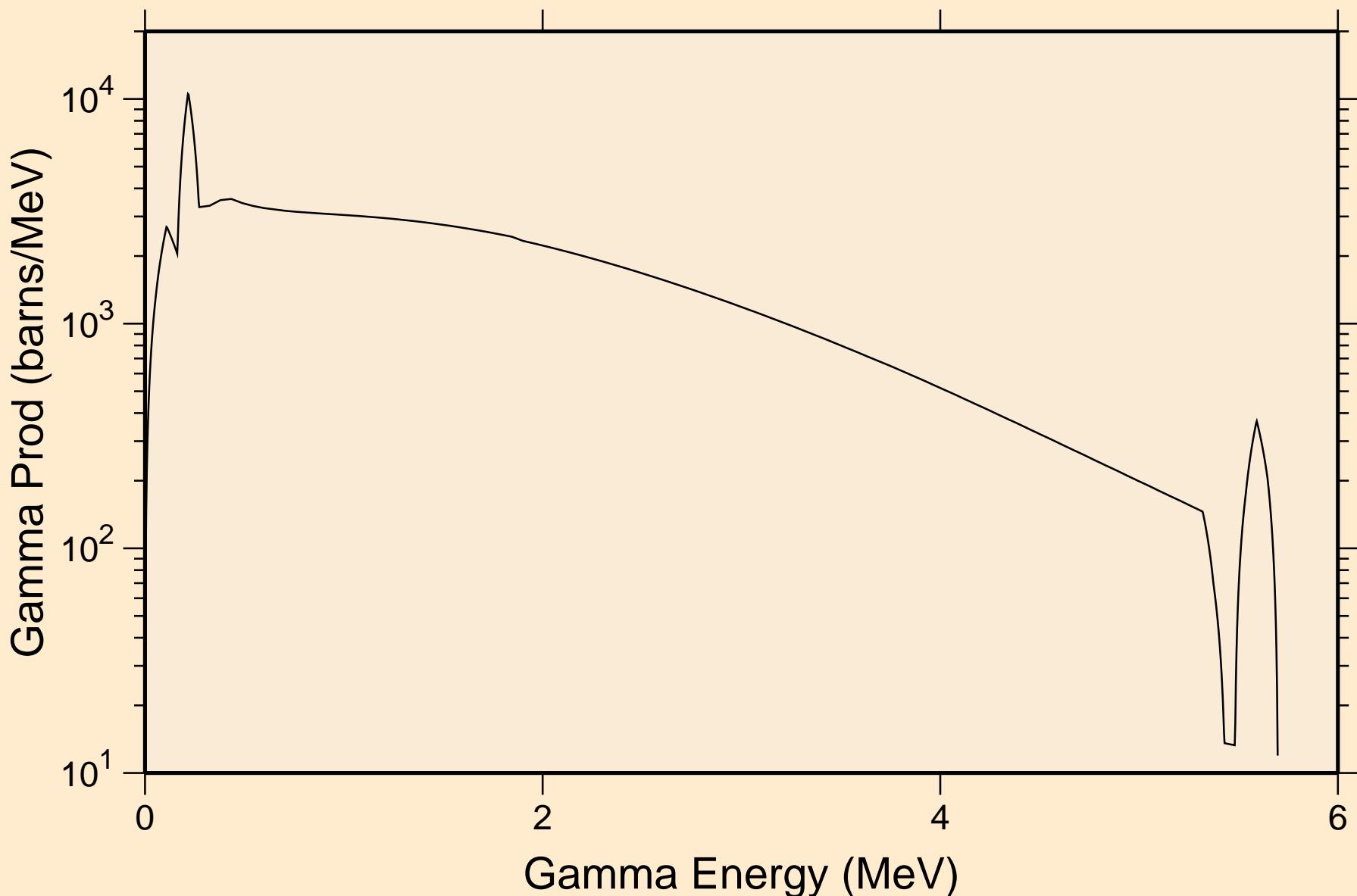
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Photon emission for  $(n, p^* c)$



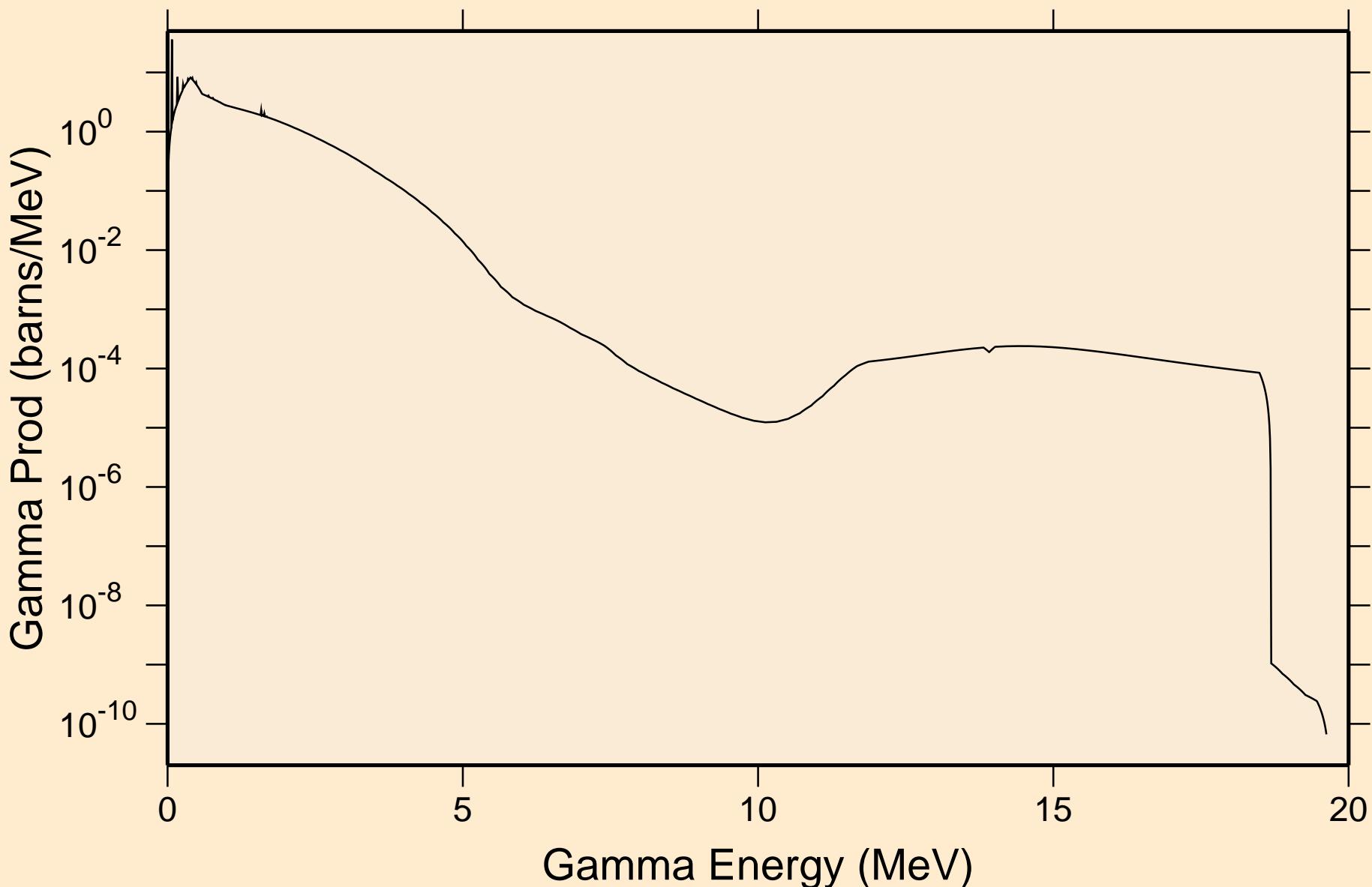
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Photon emission for  $(n, a^* c)$



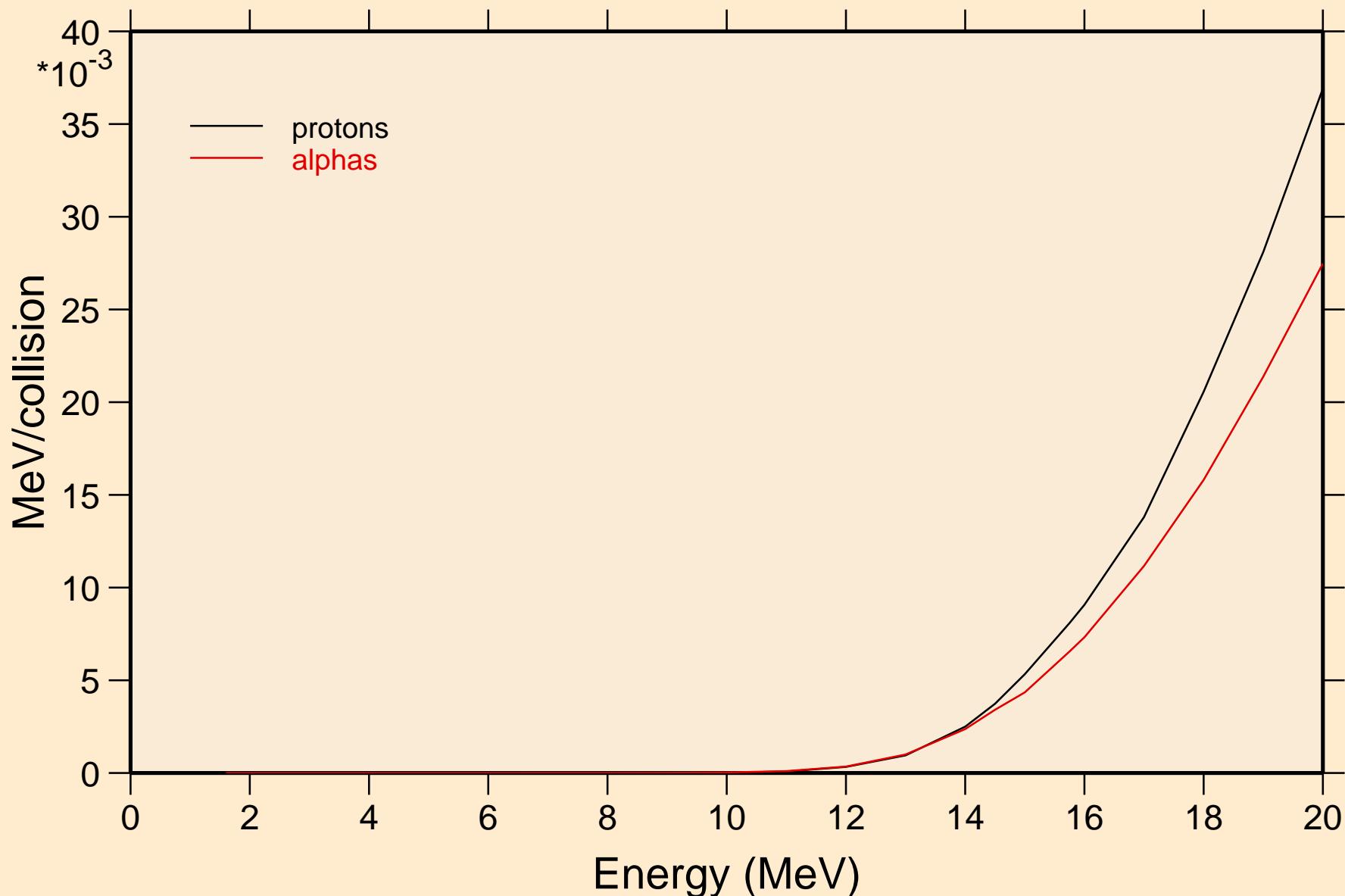
ENDF/B-VII.1 DY-164  
thermal capture photon spectrum



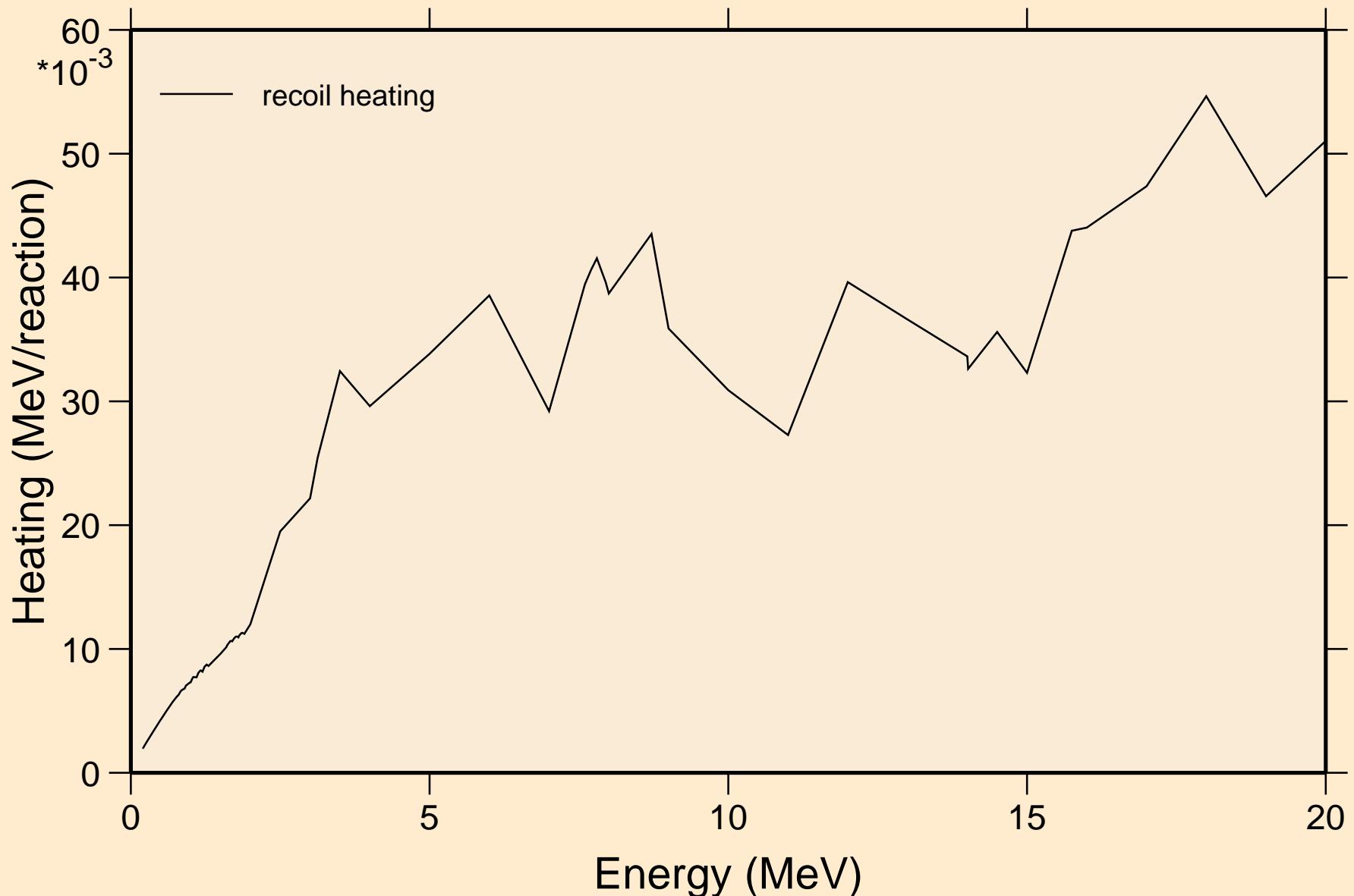
ENDF/B-VII.1 DY-164  
14 MeV photon spectrum



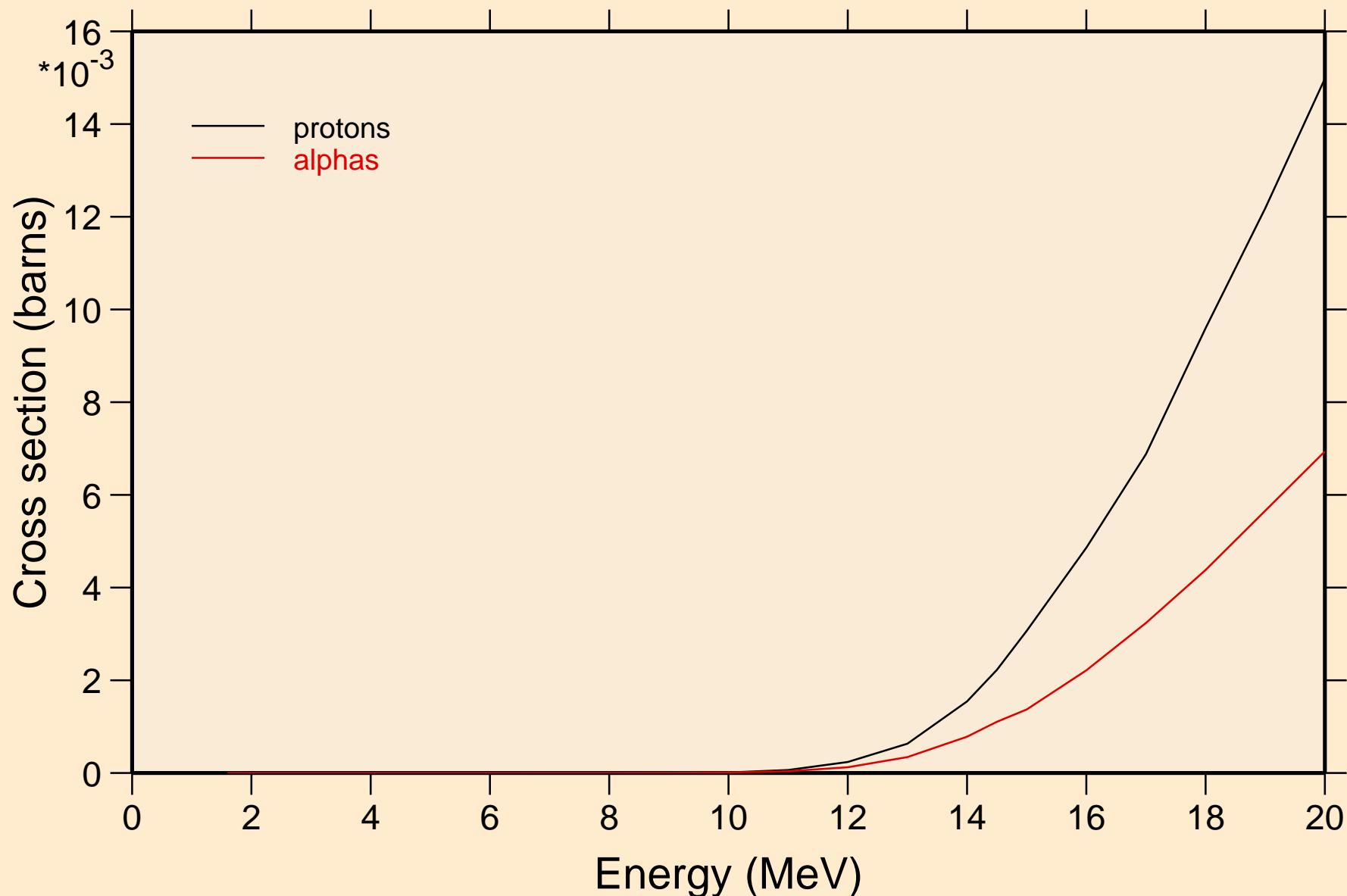
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Particle heating contributions



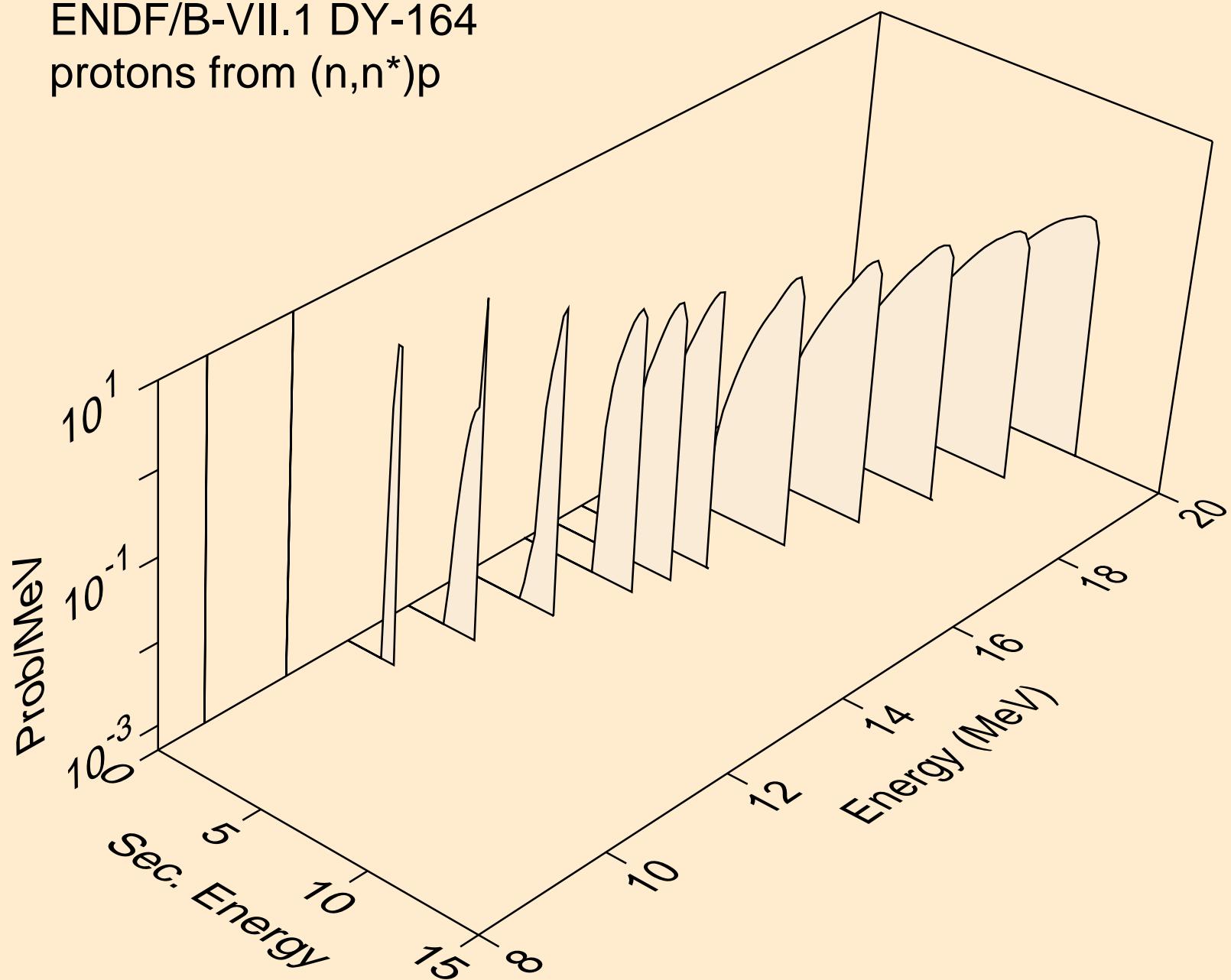
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Recoil Heating



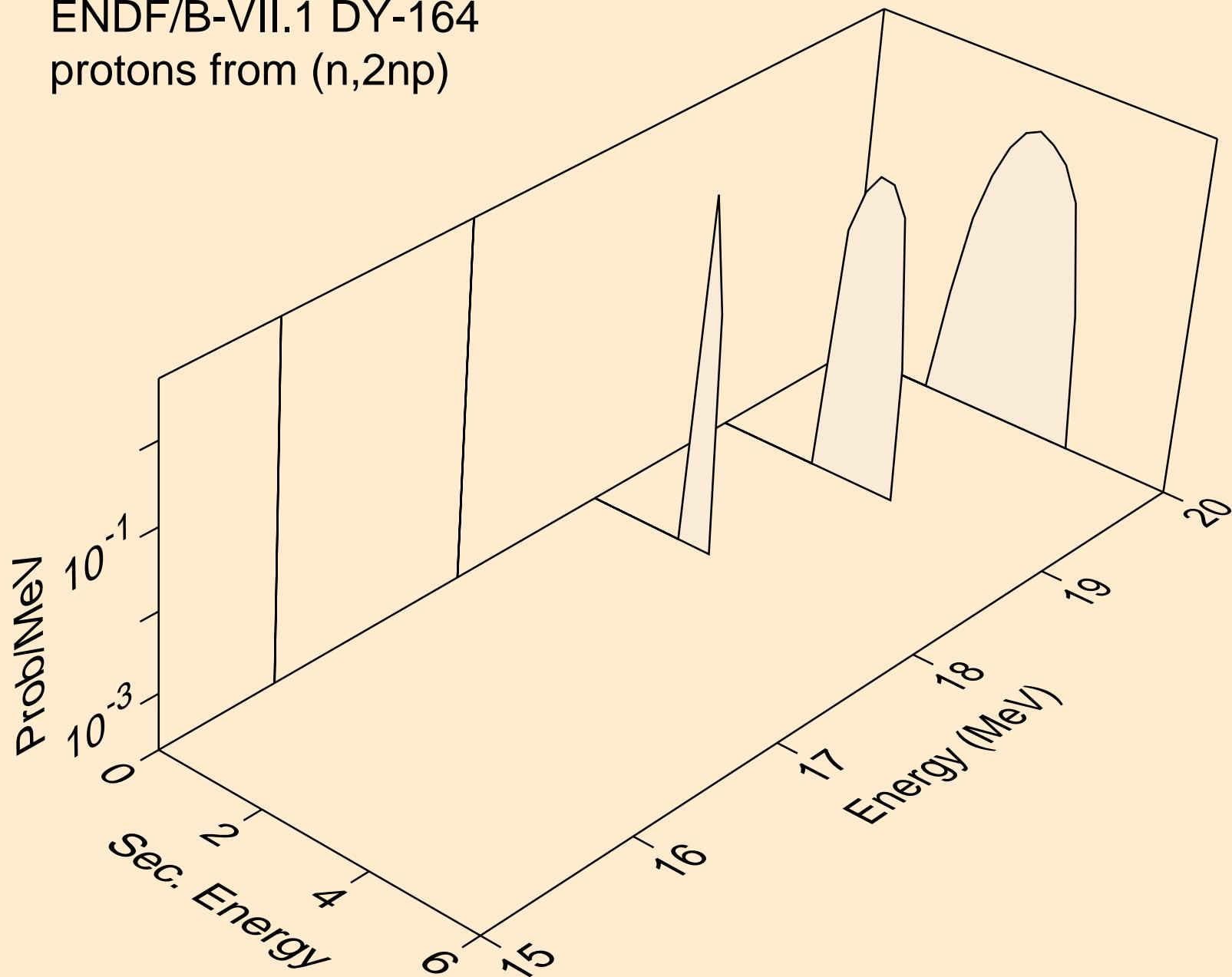
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Particle production cross sections



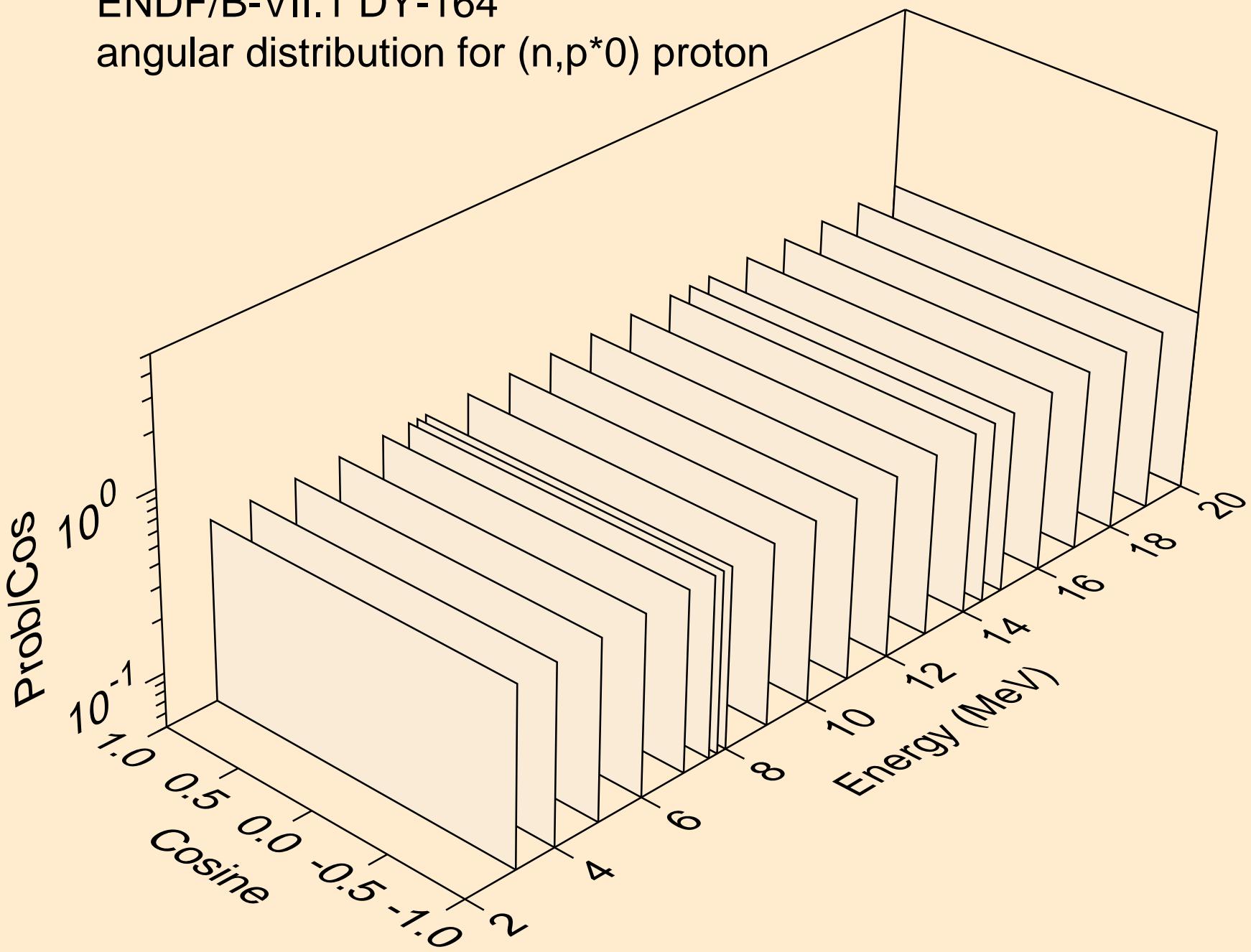
ENDF/B-VII.1 DY-164  
protons from  $(n,n^*)p$



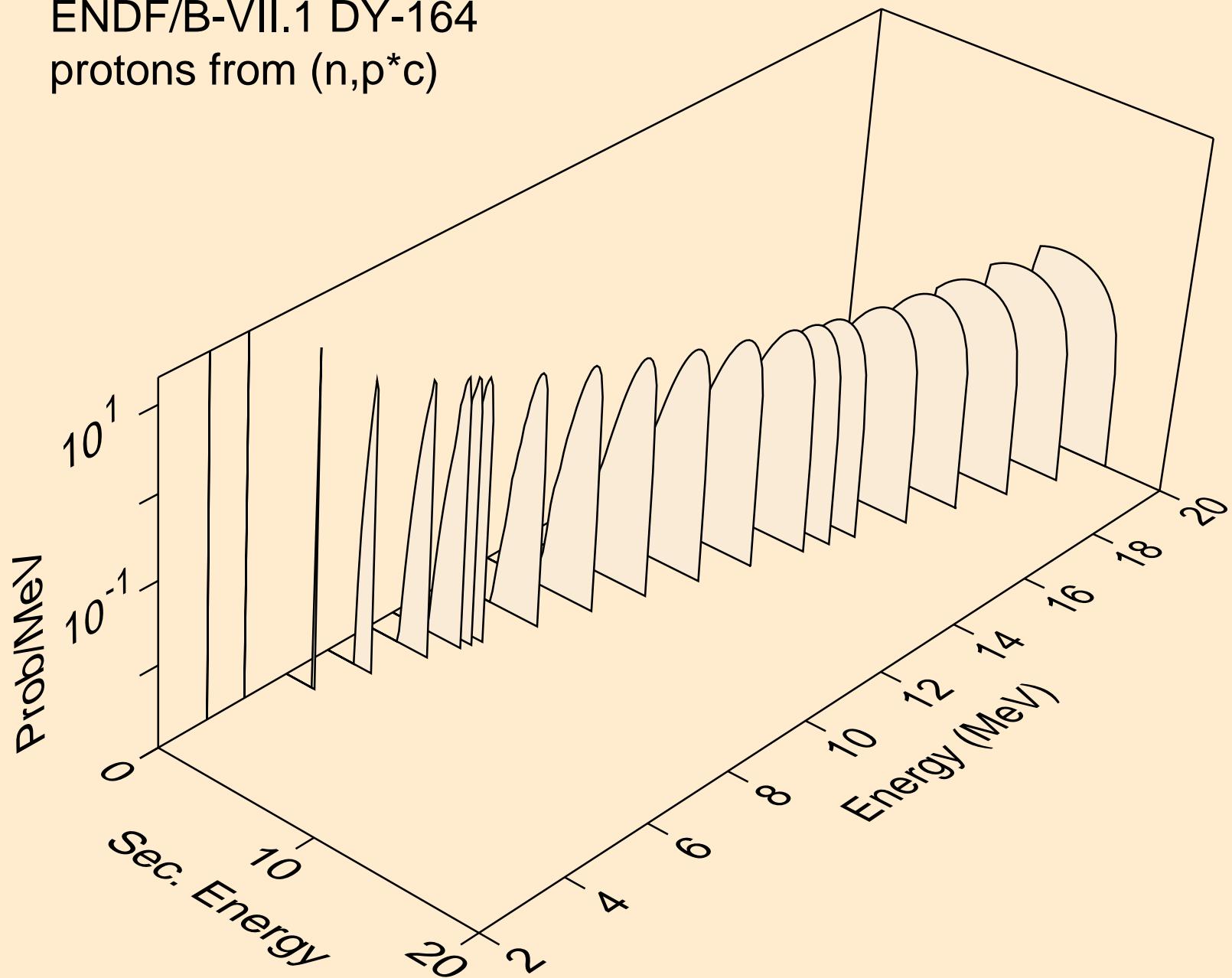
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protons from ( $n,2np$ )



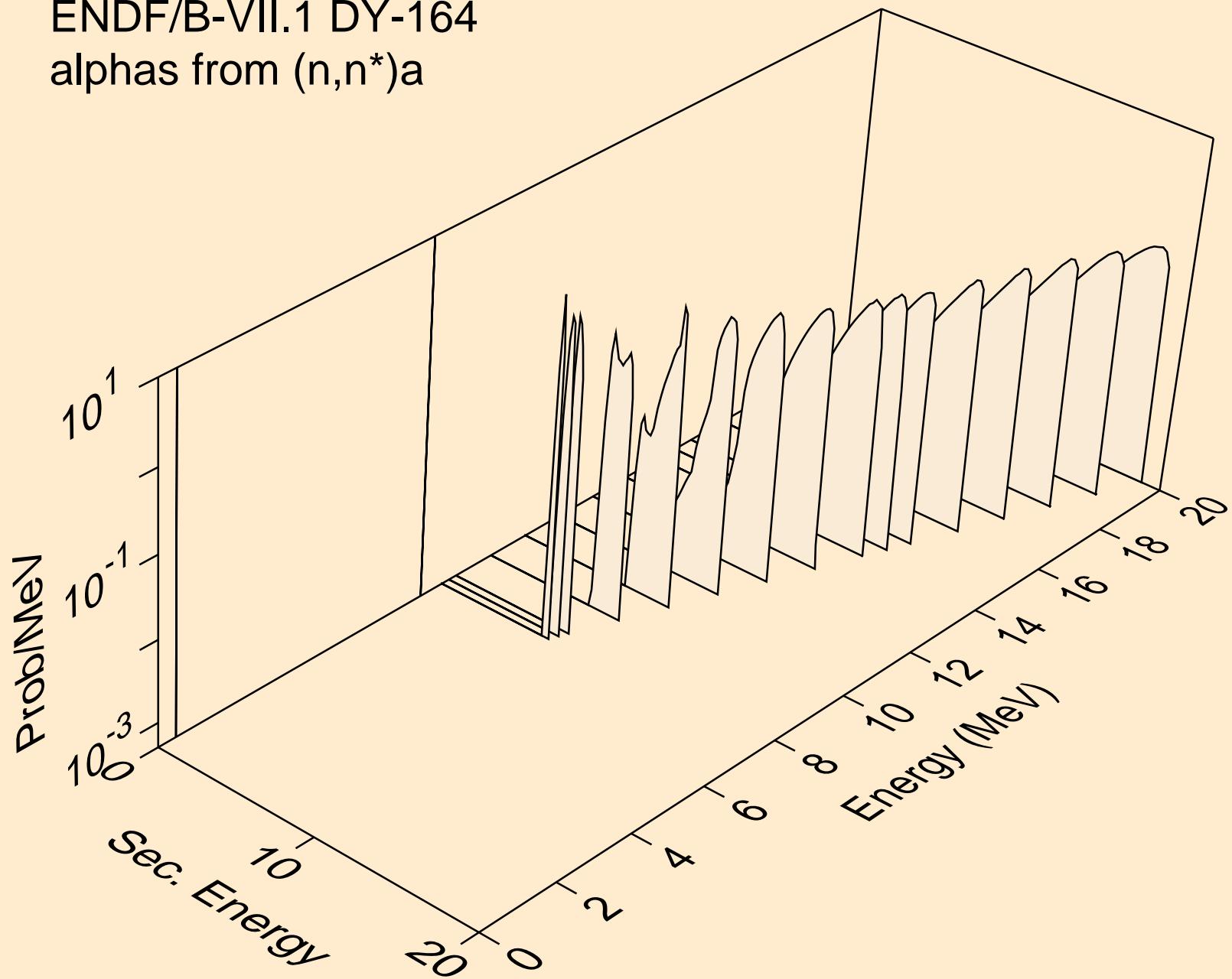
ENDF/B-VII.1 DY-164  
angular distribution for  $(n,p^*0)$  proton



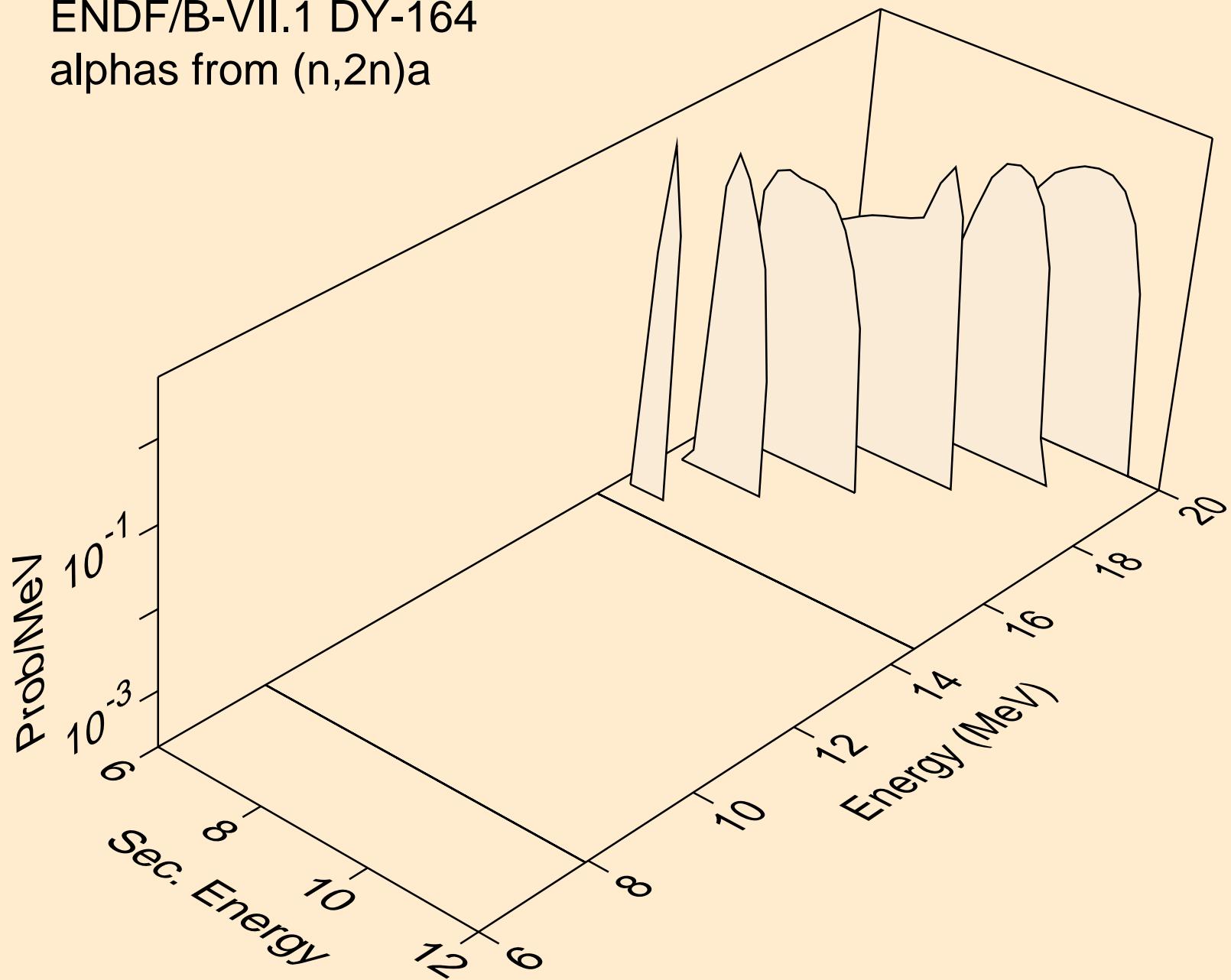
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protons from  $(n, p^* c)$



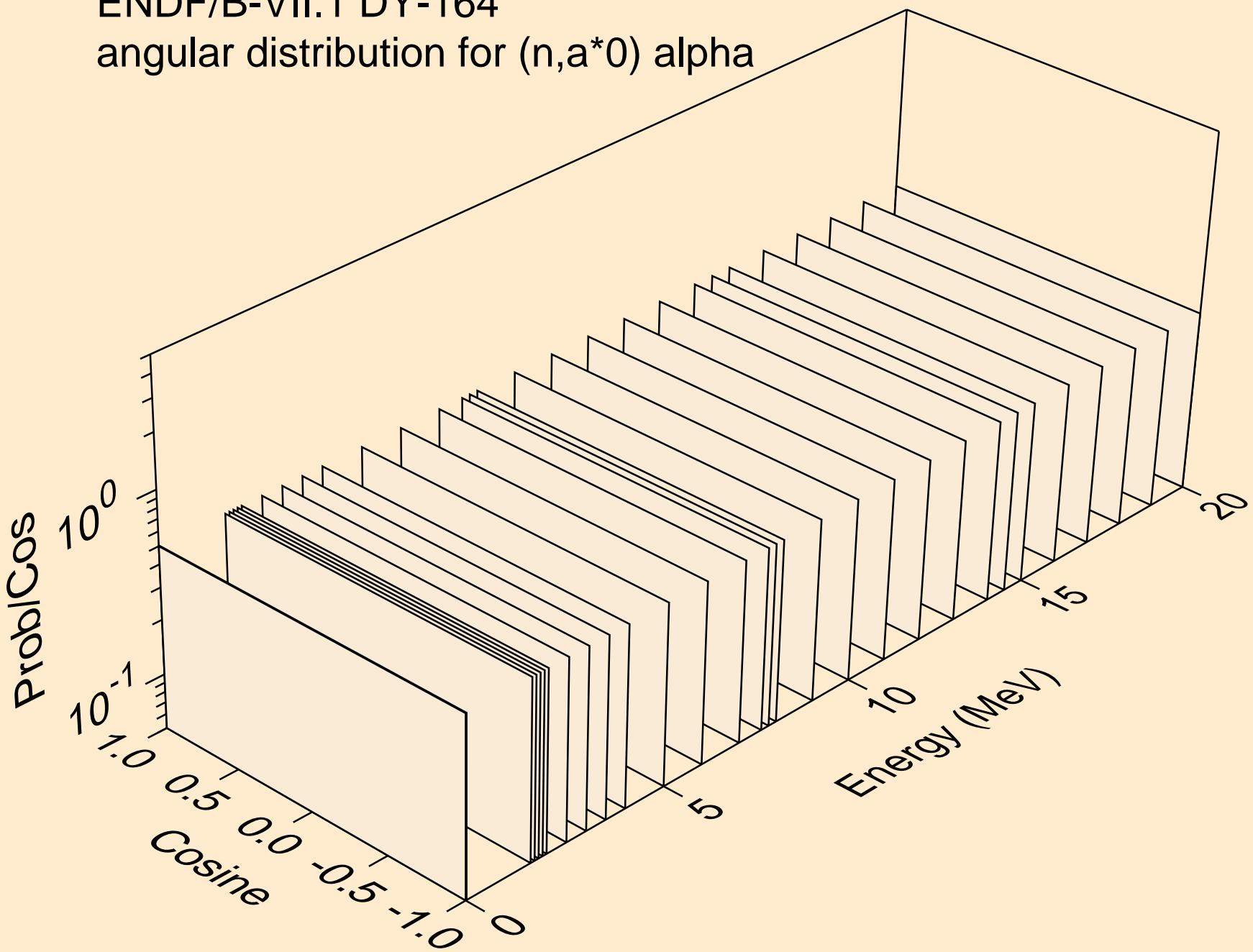
ENDF/B-VII.1 DY-164  
alphas from  $(n,n^*)a$



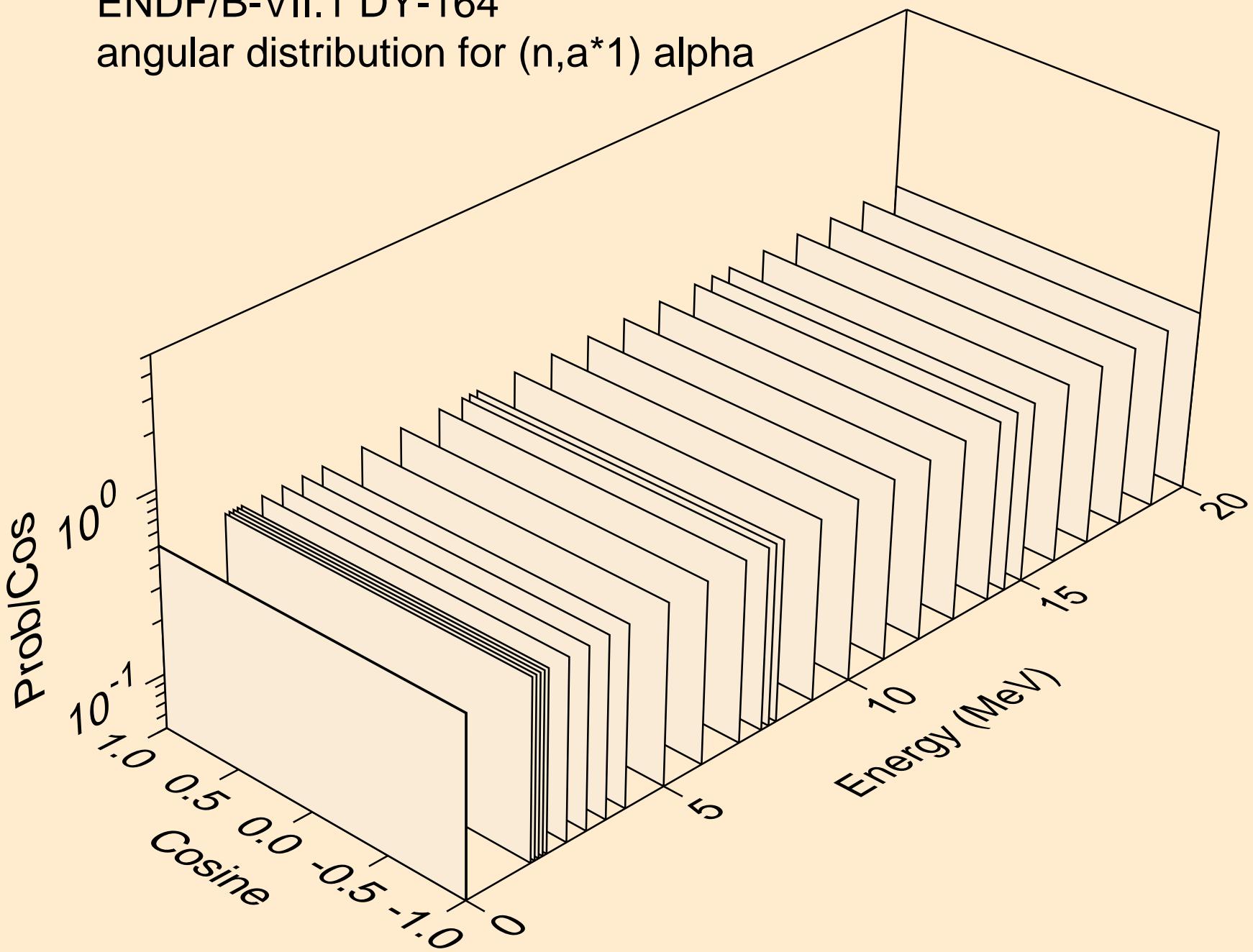
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alphas from  $(n,2n)a$



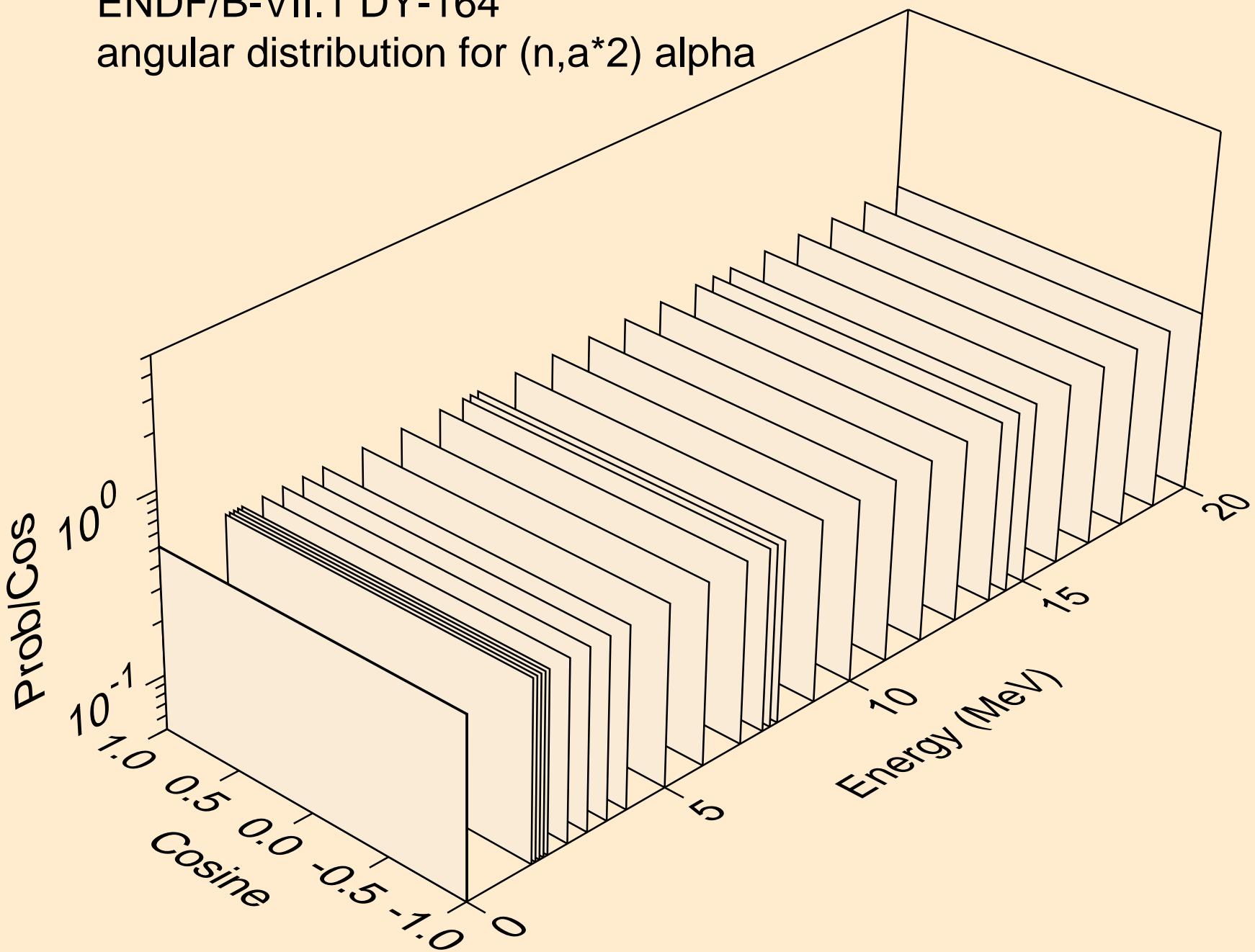
ENDF/B-VII.1 DY-164  
angular distribution for  $(n,a^*0)$  alpha



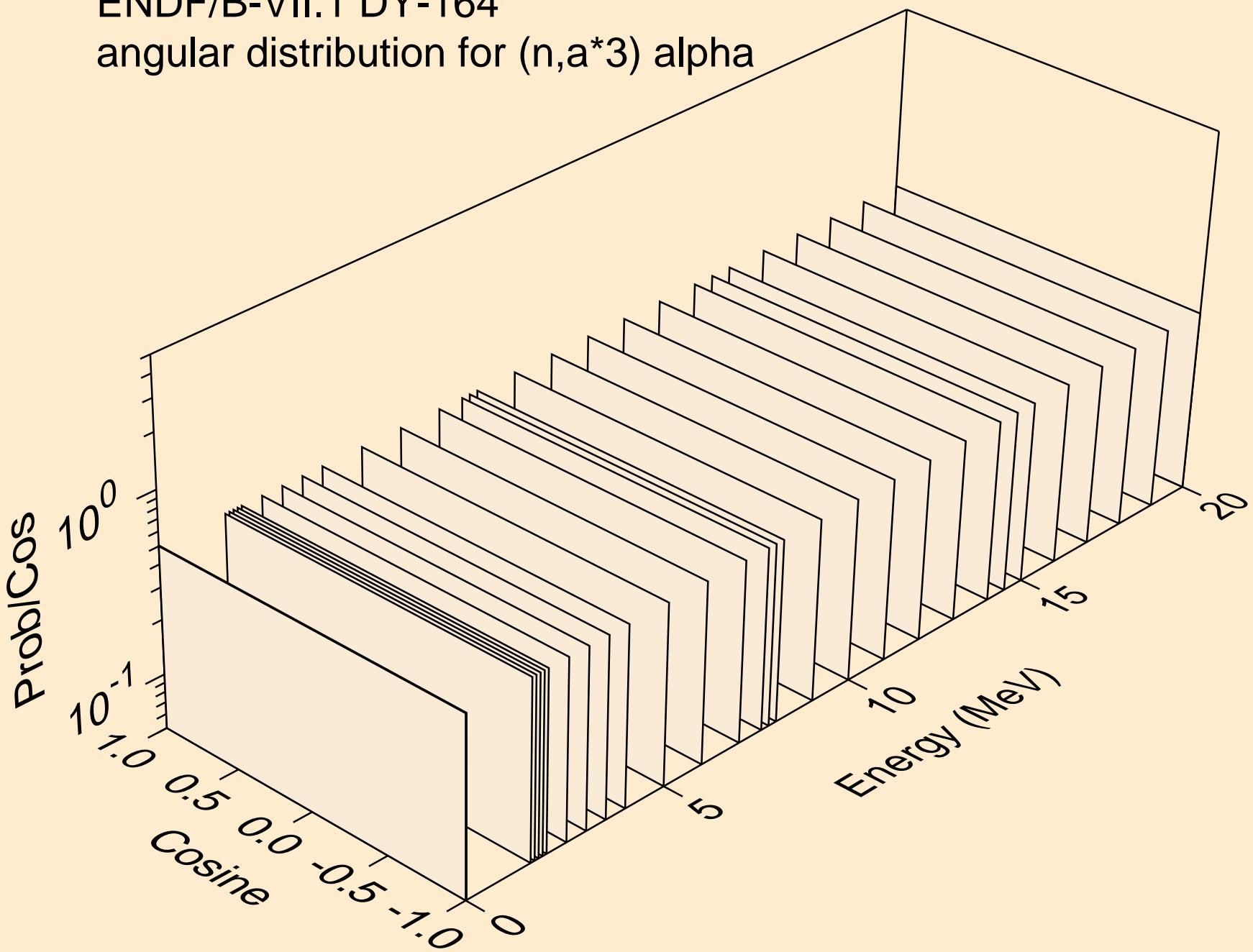
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angular distribution for (n,a\*1) alpha



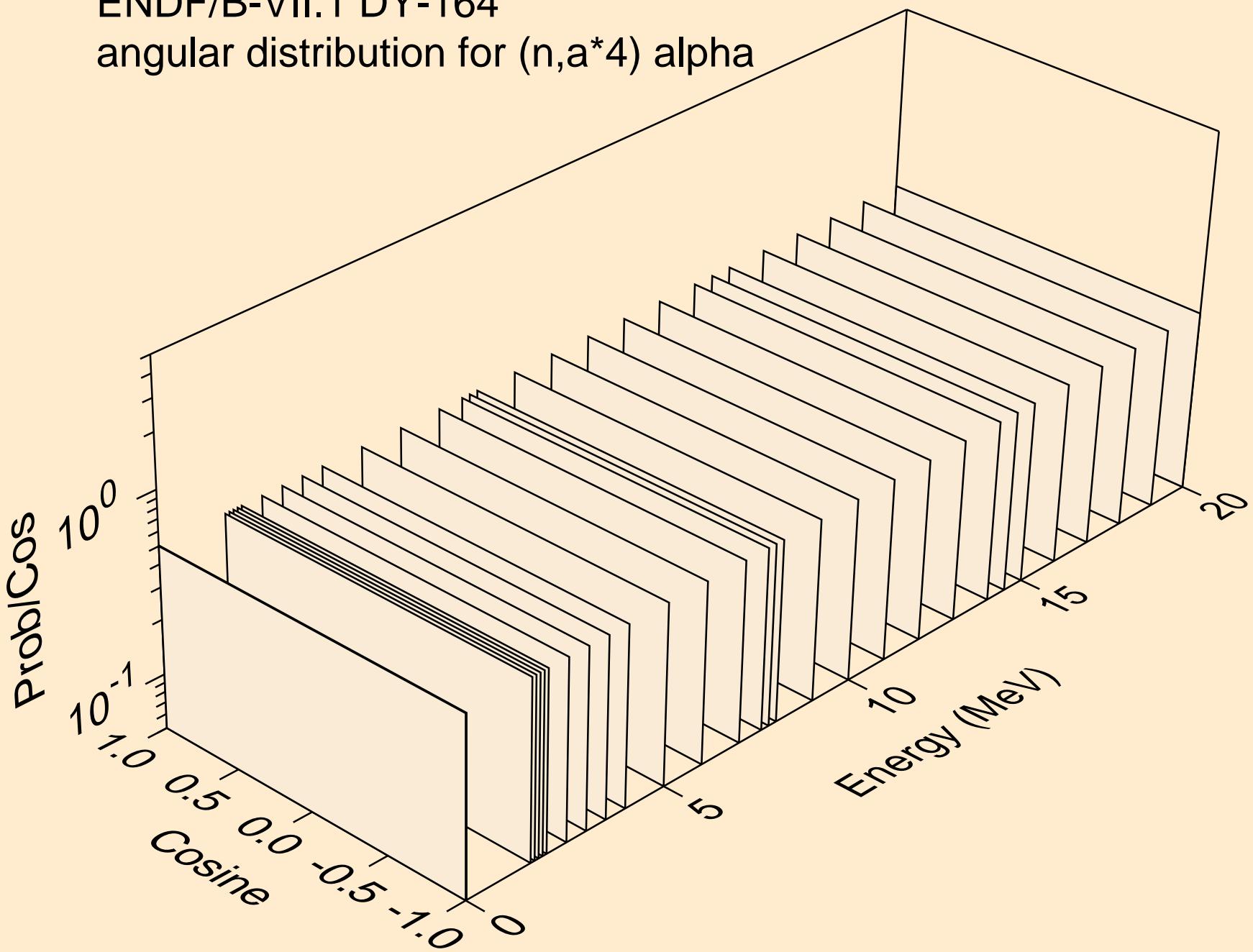
ENDF/B-VII.1 DY-164  
angular distribution for  $(n,a^*)$  alpha



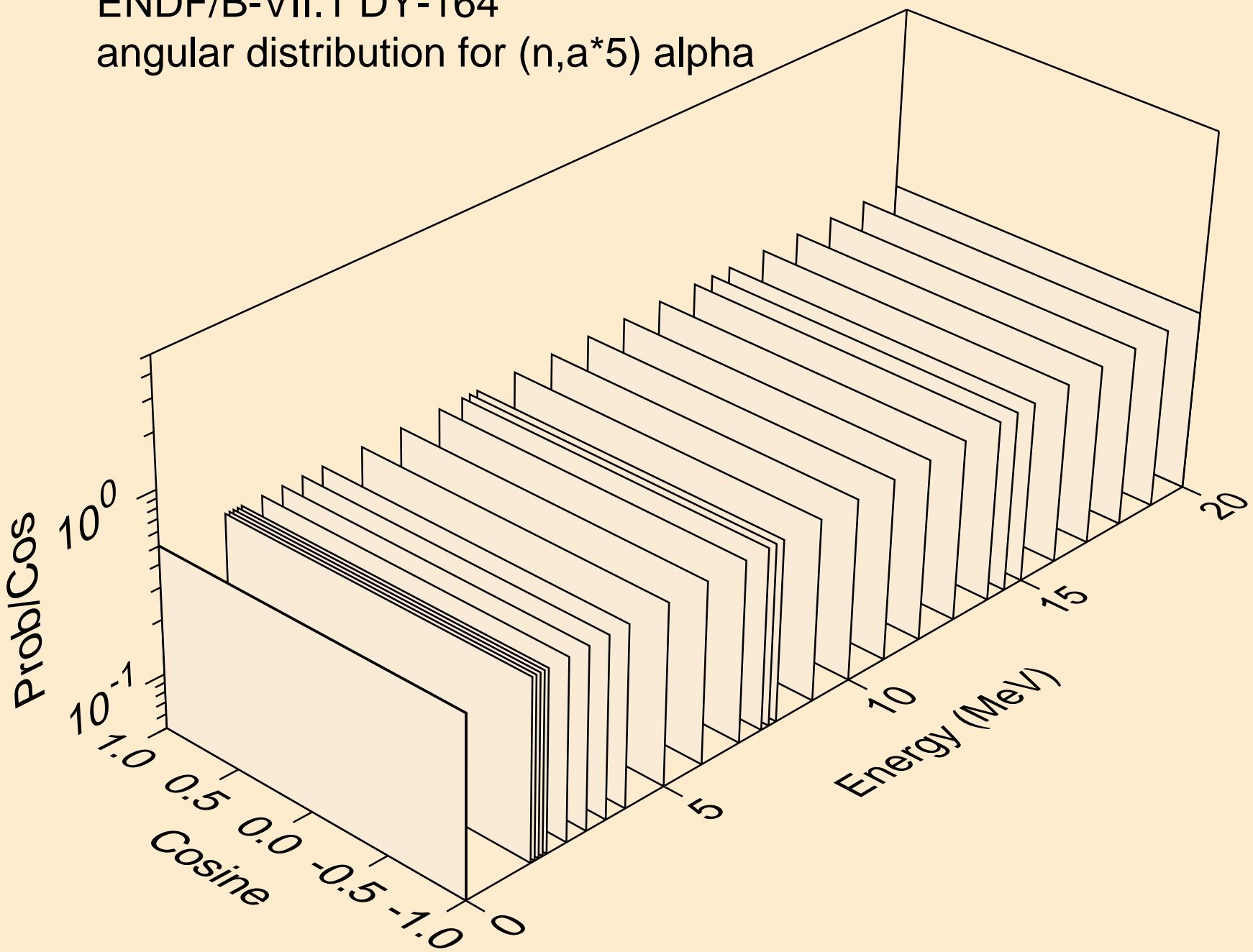
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angular distribution for (n,a\*3) alpha



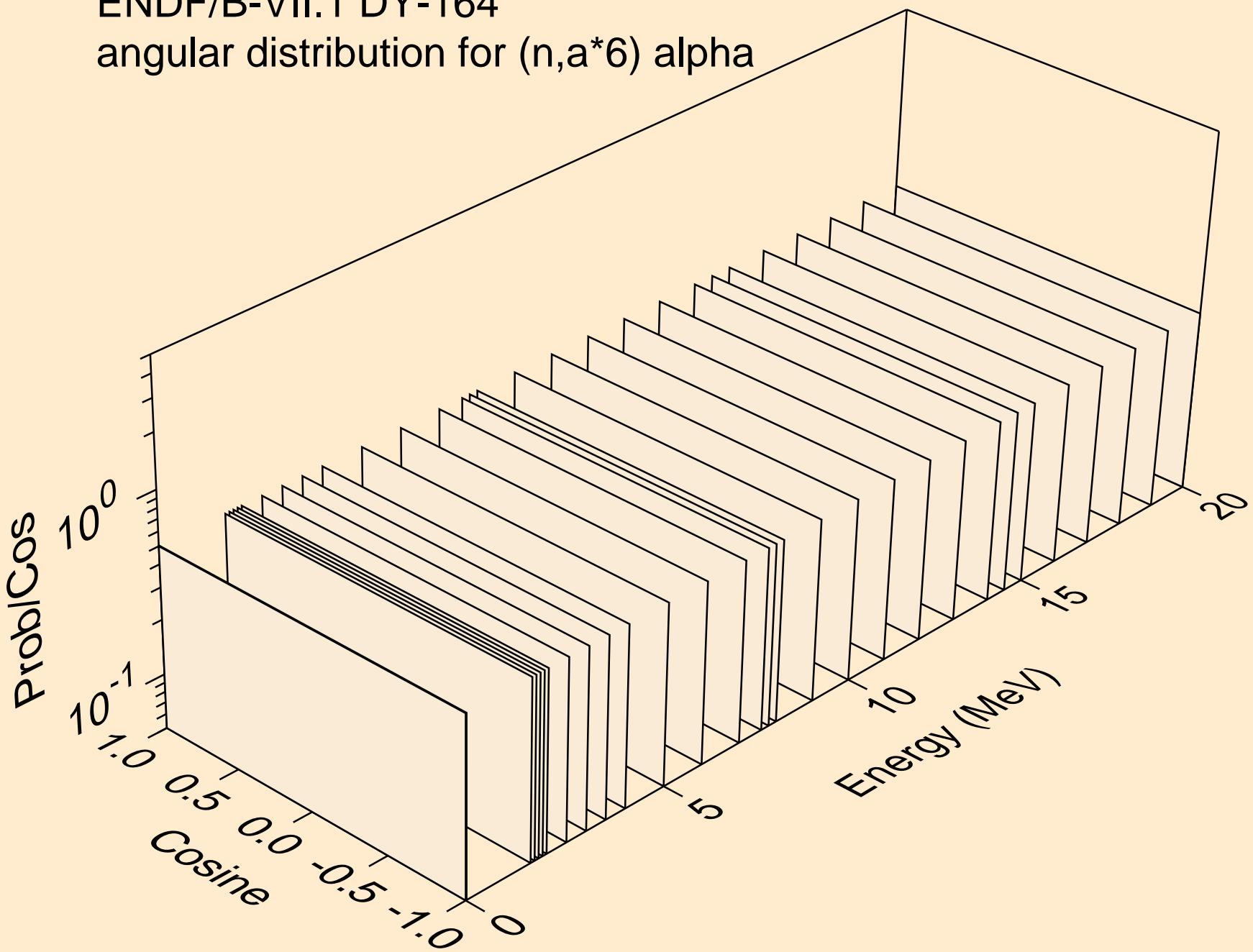
ENDF/B-VII.1 DY-164  
angular distribution for  $(n,a^*4)$  alpha



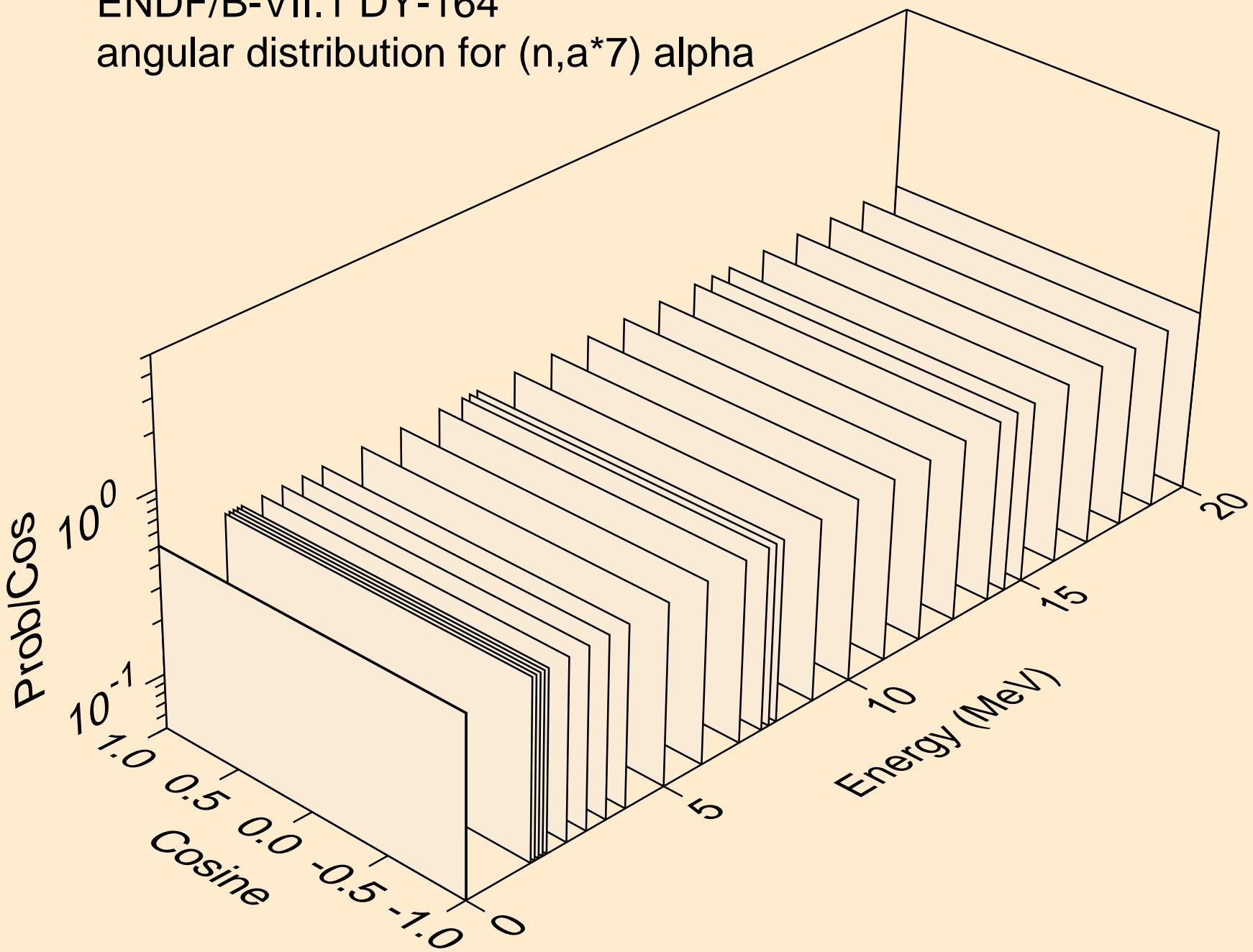
ENDF/B-VII.1 DY-164  
angular distribution for  $(n,a^*5)$  alpha



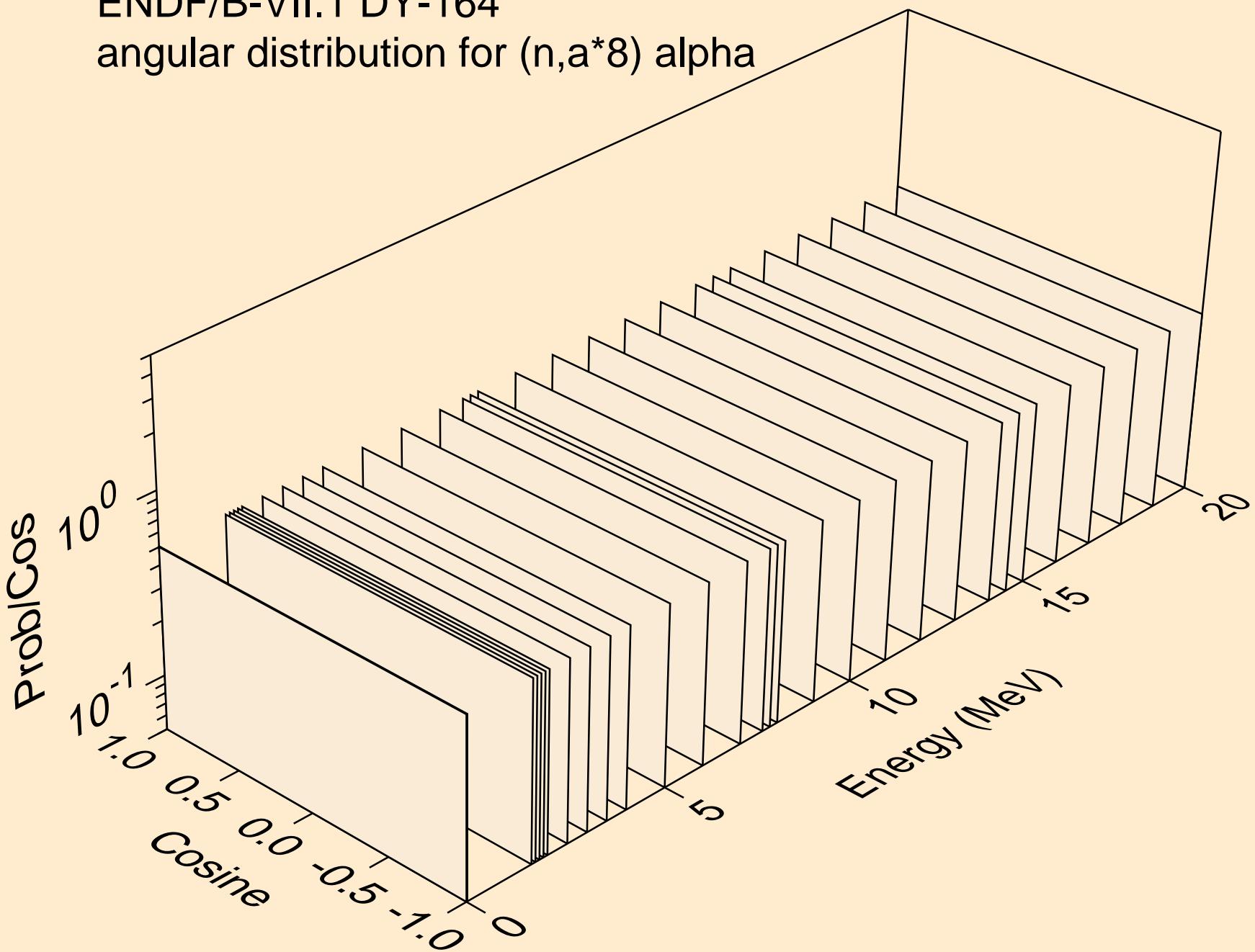
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angular distribution for (n,a\*6) alpha



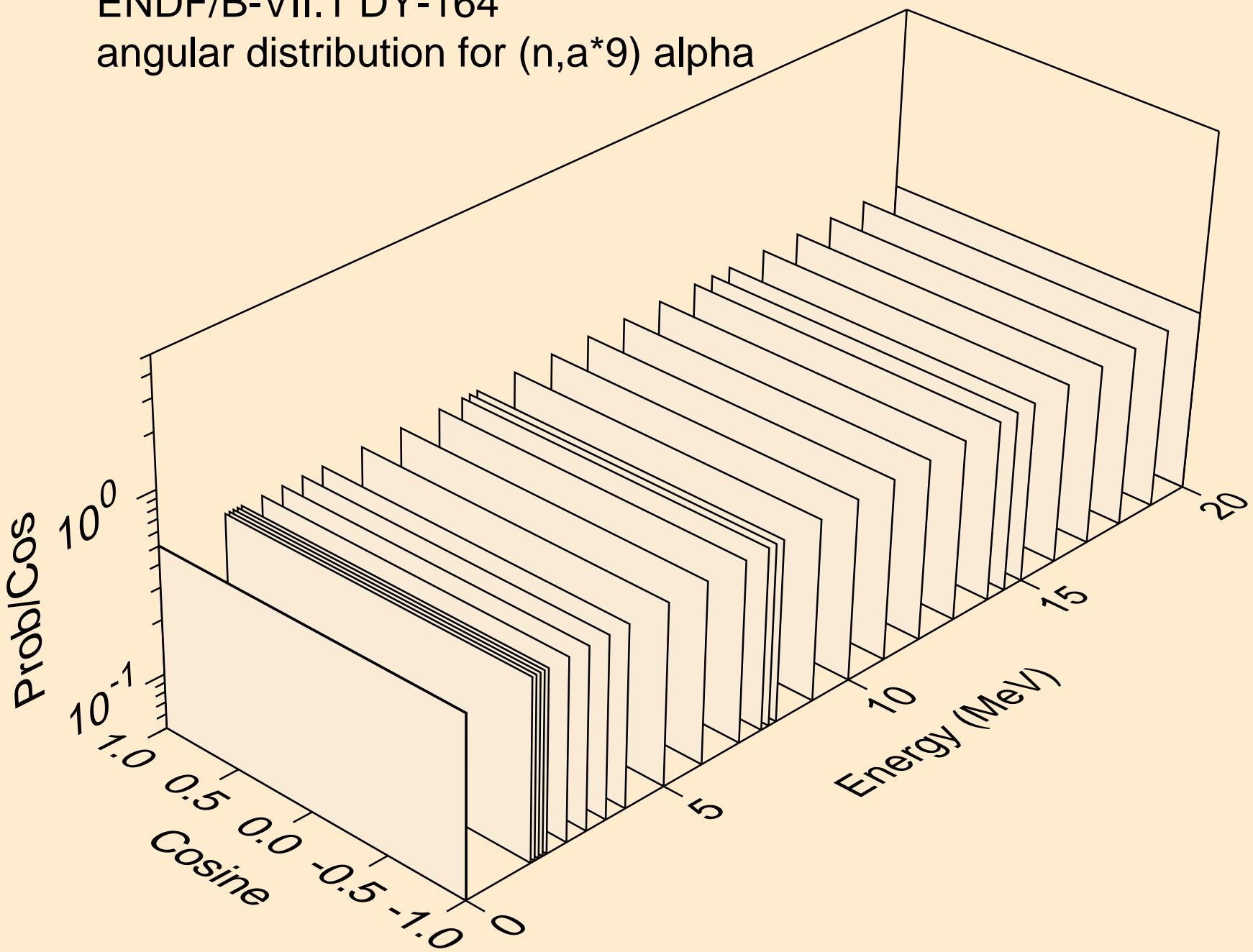
ENDF/B-VII.1 DY-164  
angular distribution for  $(n,a^*7)$  alpha



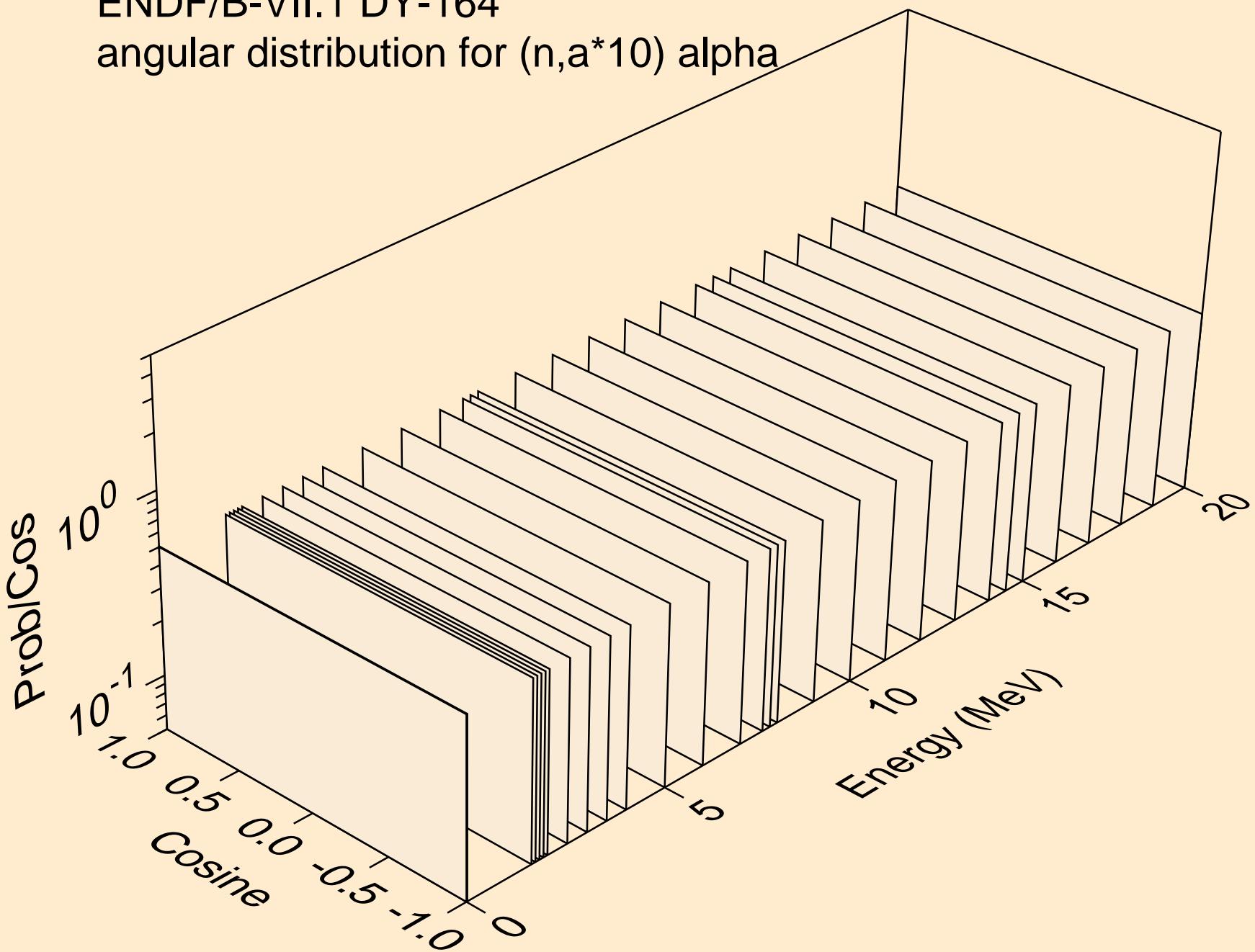
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angular distribution for (n,a\*8) alpha



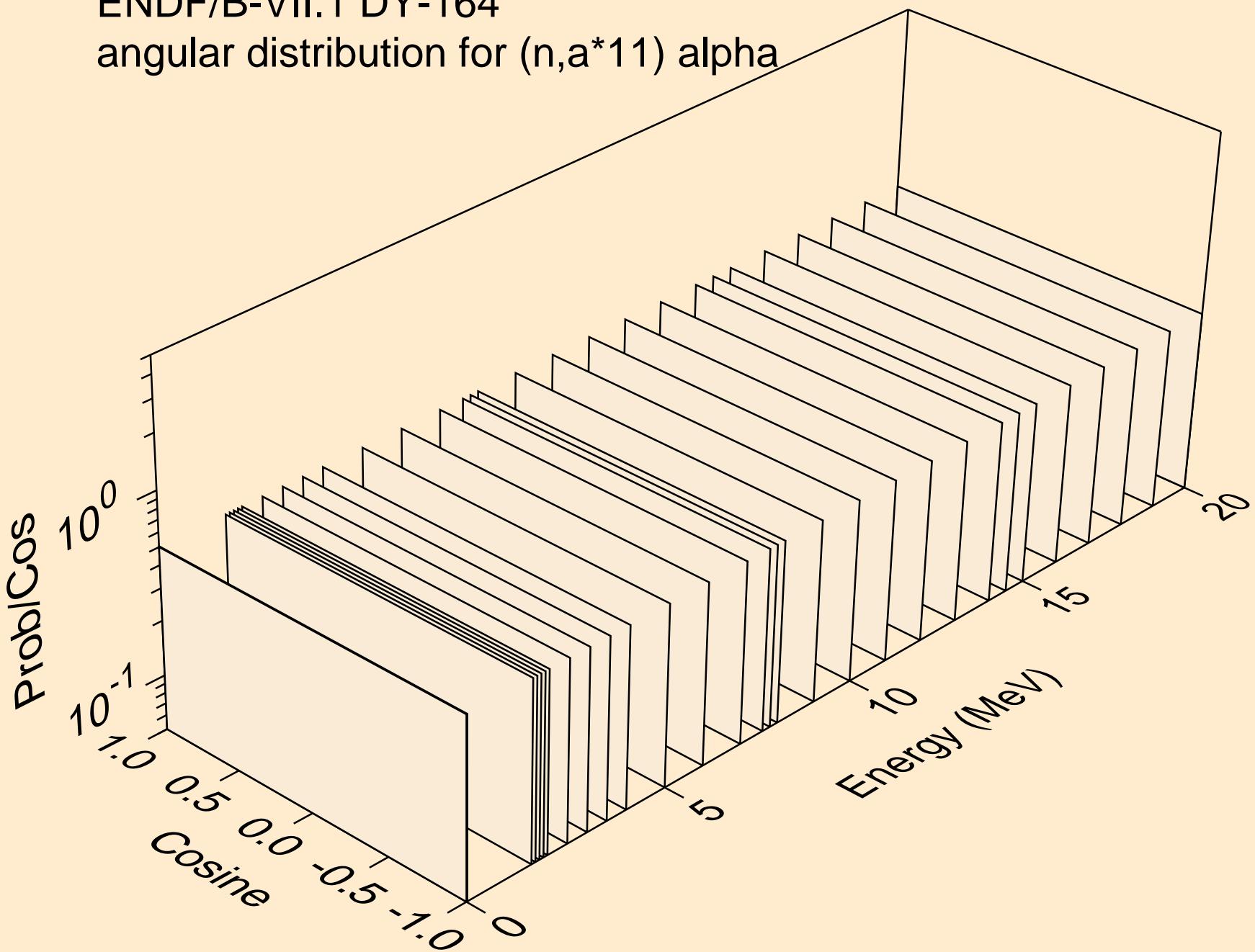
ENDF/B-VII.1 DY-164  
angular distribution for (n,a\*9) alpha



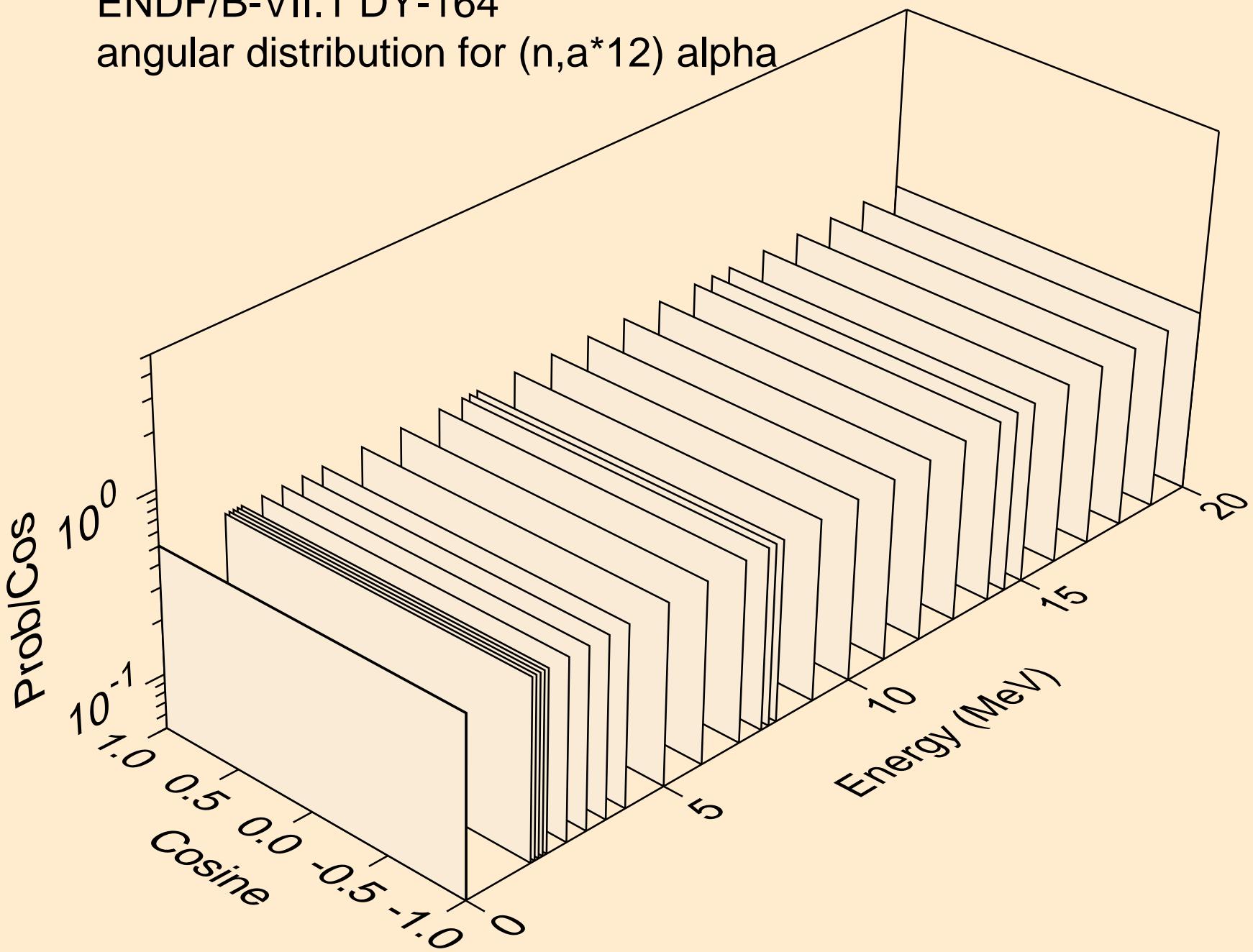
ENDF/B-VII.1 DY-164  
angular distribution for (n,a\*10) alpha



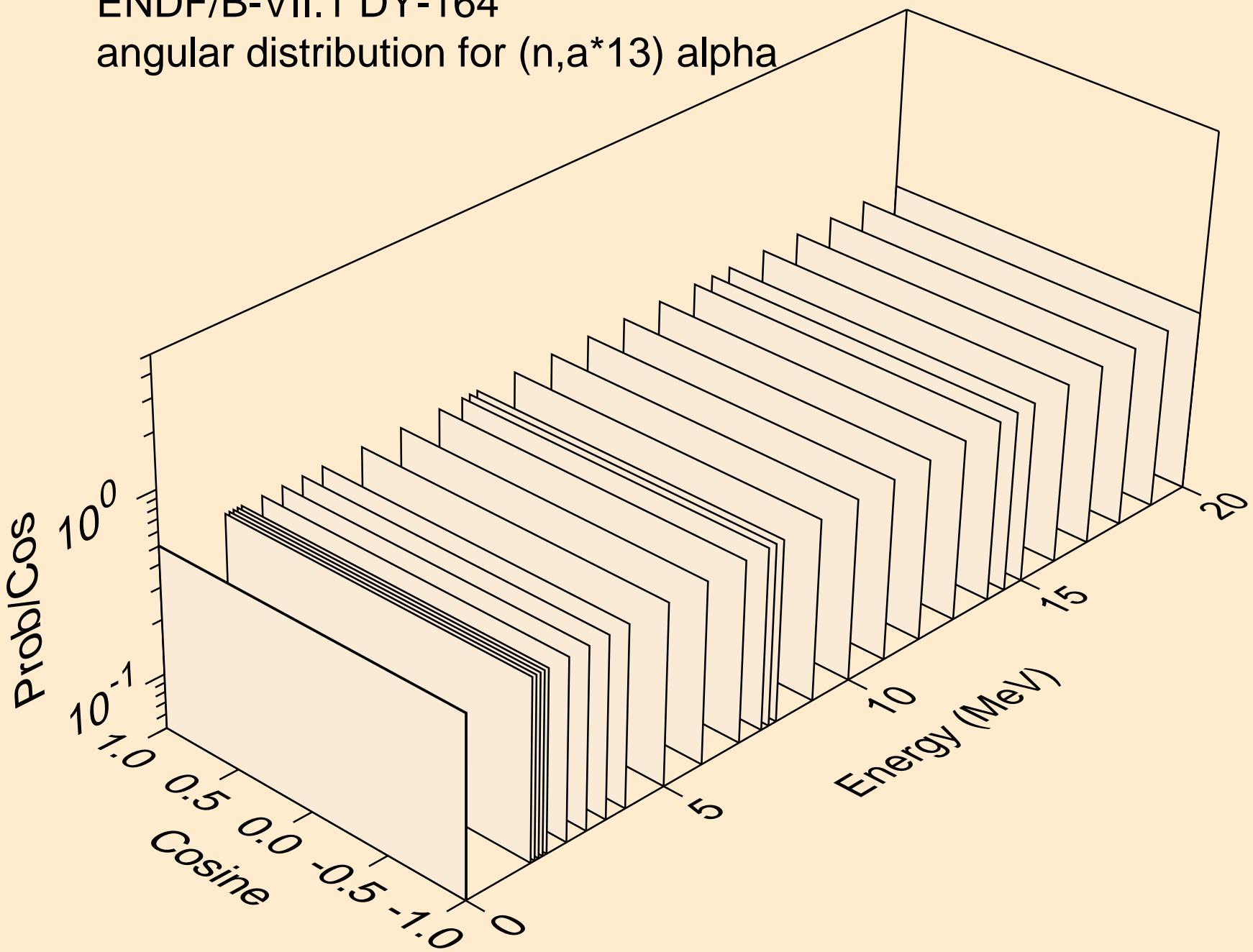
ENDF/B-VII.1 DY-164  
angular distribution for (n,a\*11) alpha



ENDF/B-VII.1 DY-164  
angular distribution for (n,a\*12) alpha



ENDF/B-VII.1 DY-164  
angular distribution for (n,a\*13) alpha



ENDF/B-VII.1 DY-164  
alphas from  $(n, a^* c)$

