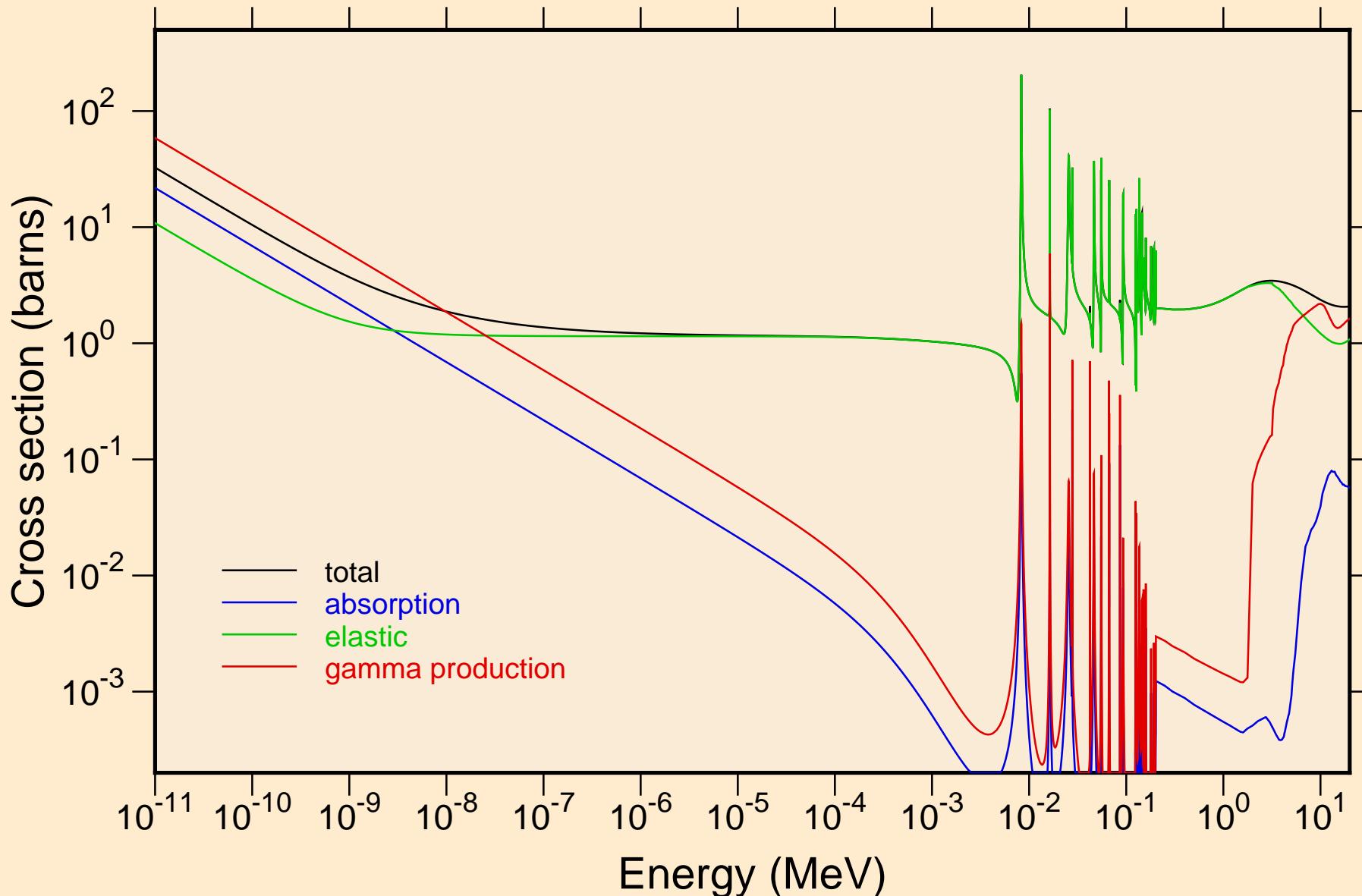
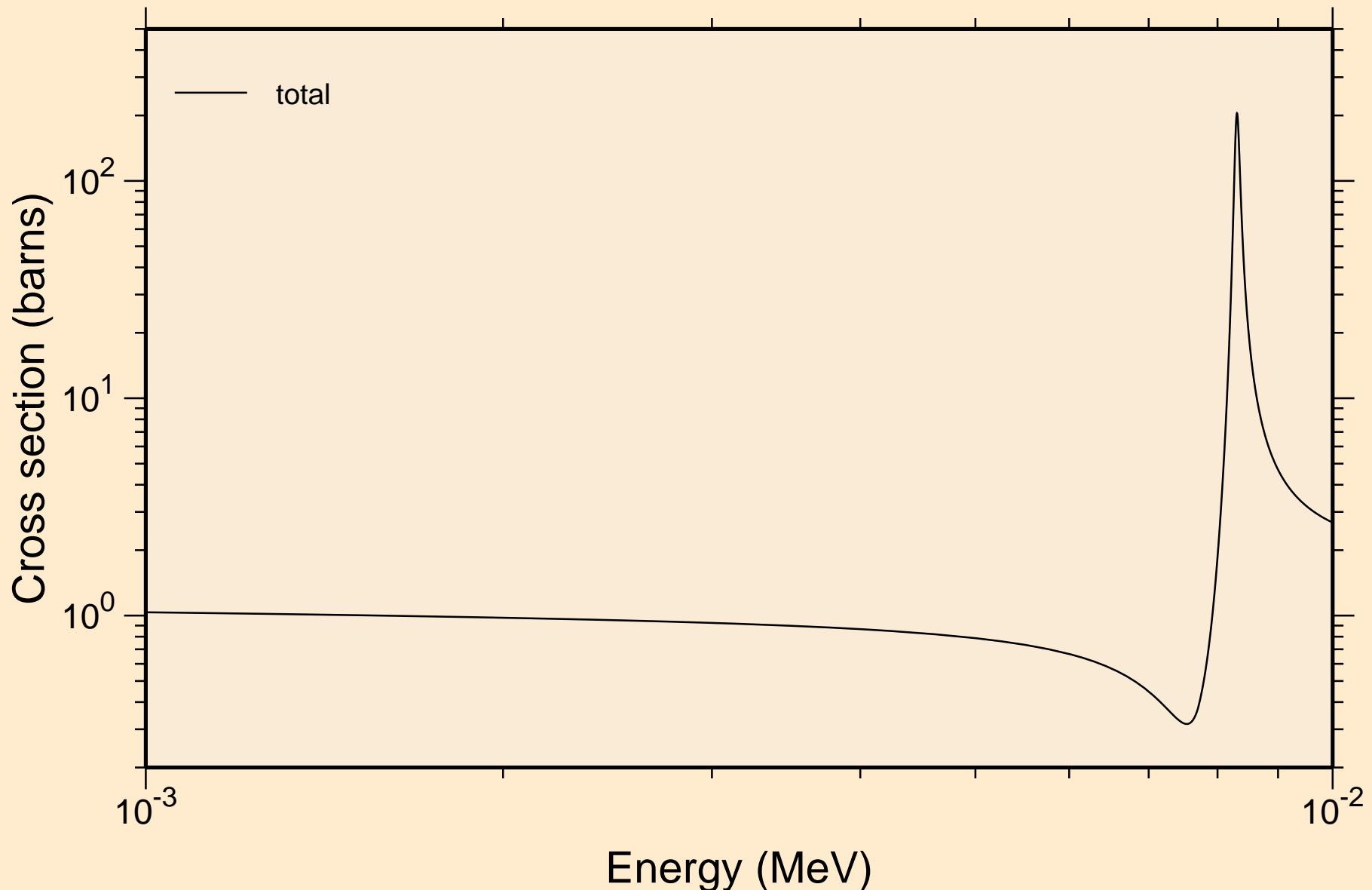


# ENDF/B-VI CL-37H

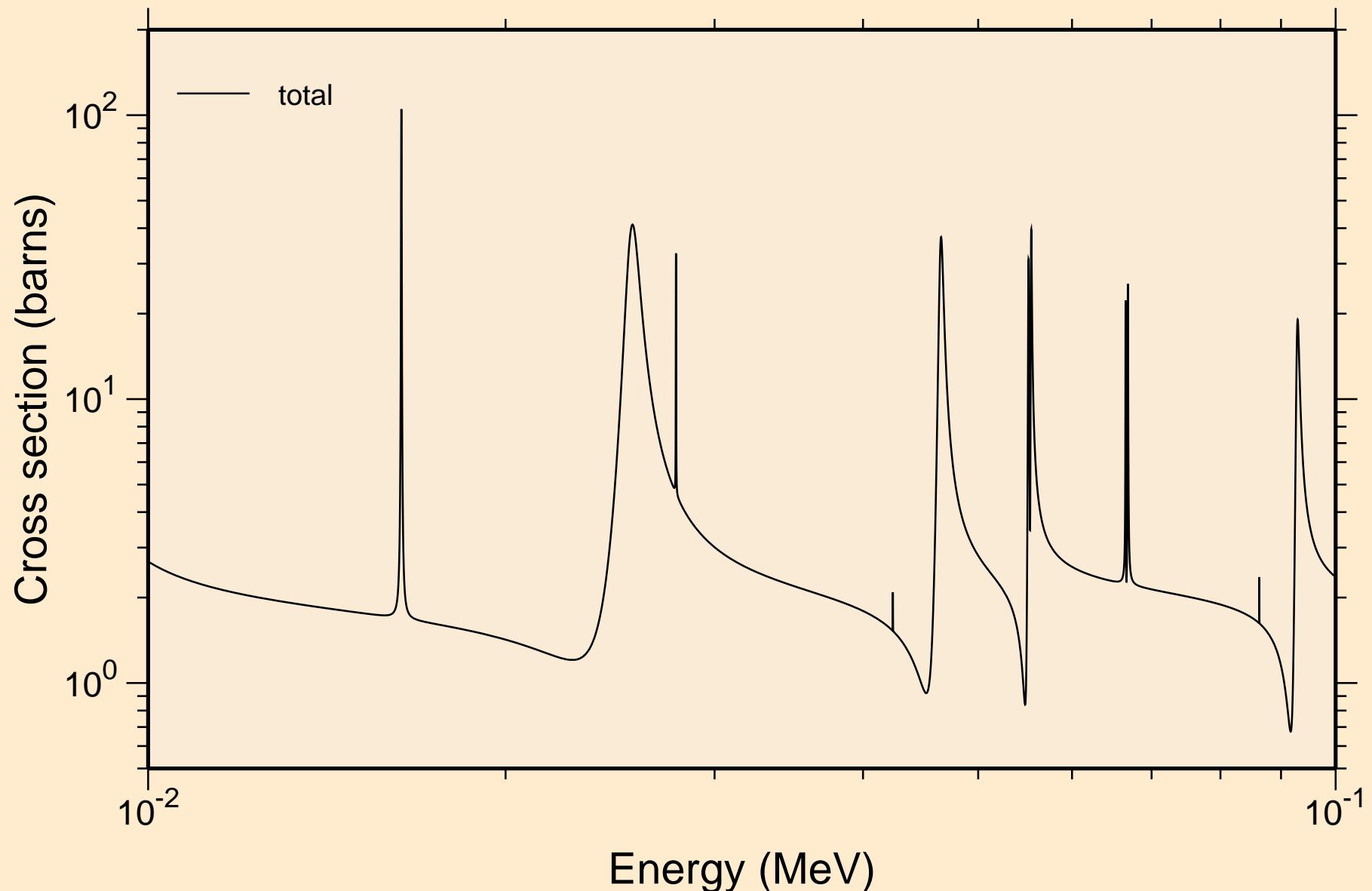
## Principal cross sections



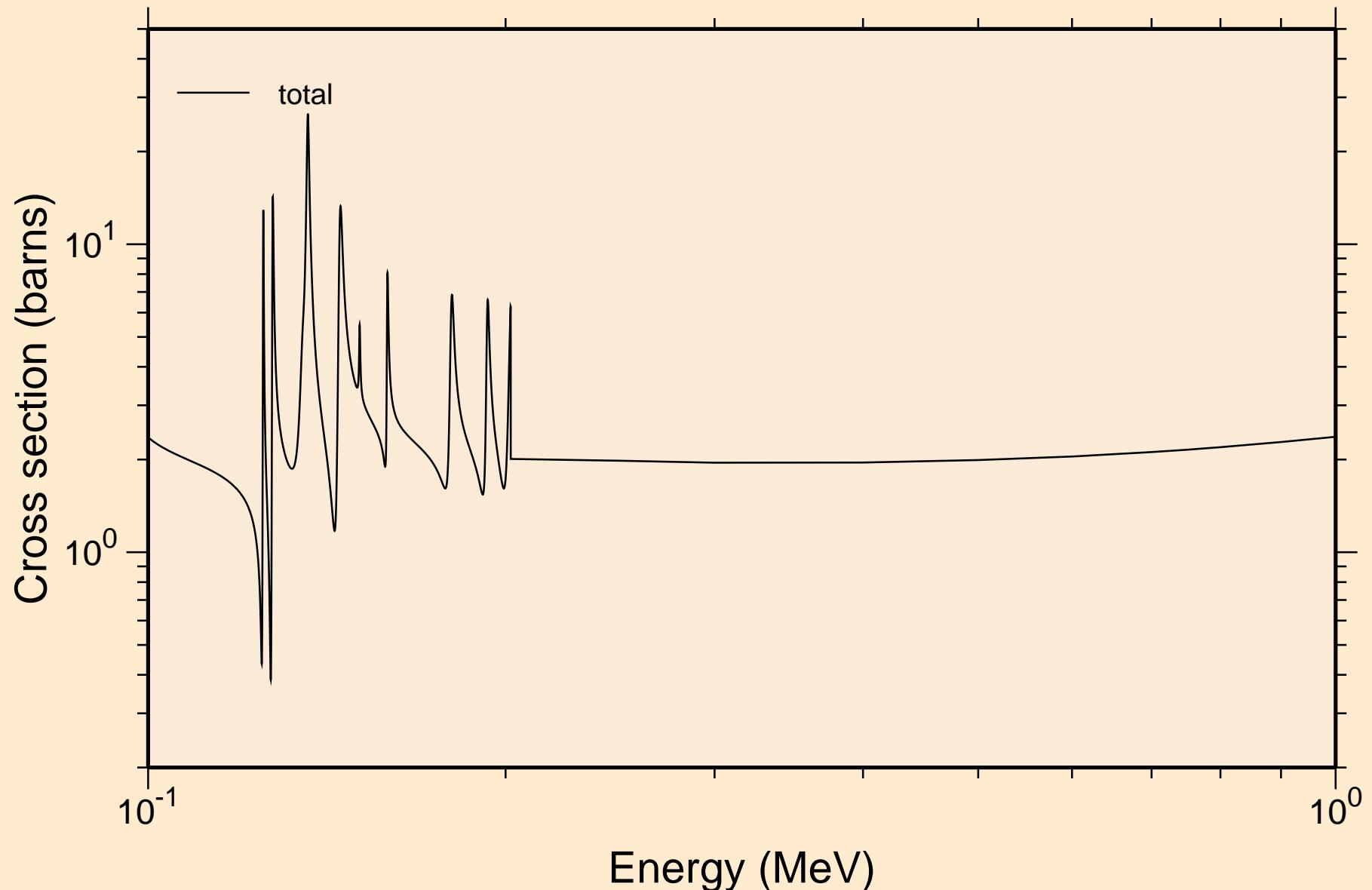
ENDF/B-VI CL-37H  
resonance total cross section



ENDF/B-VI CL-37H  
resonance total cross section

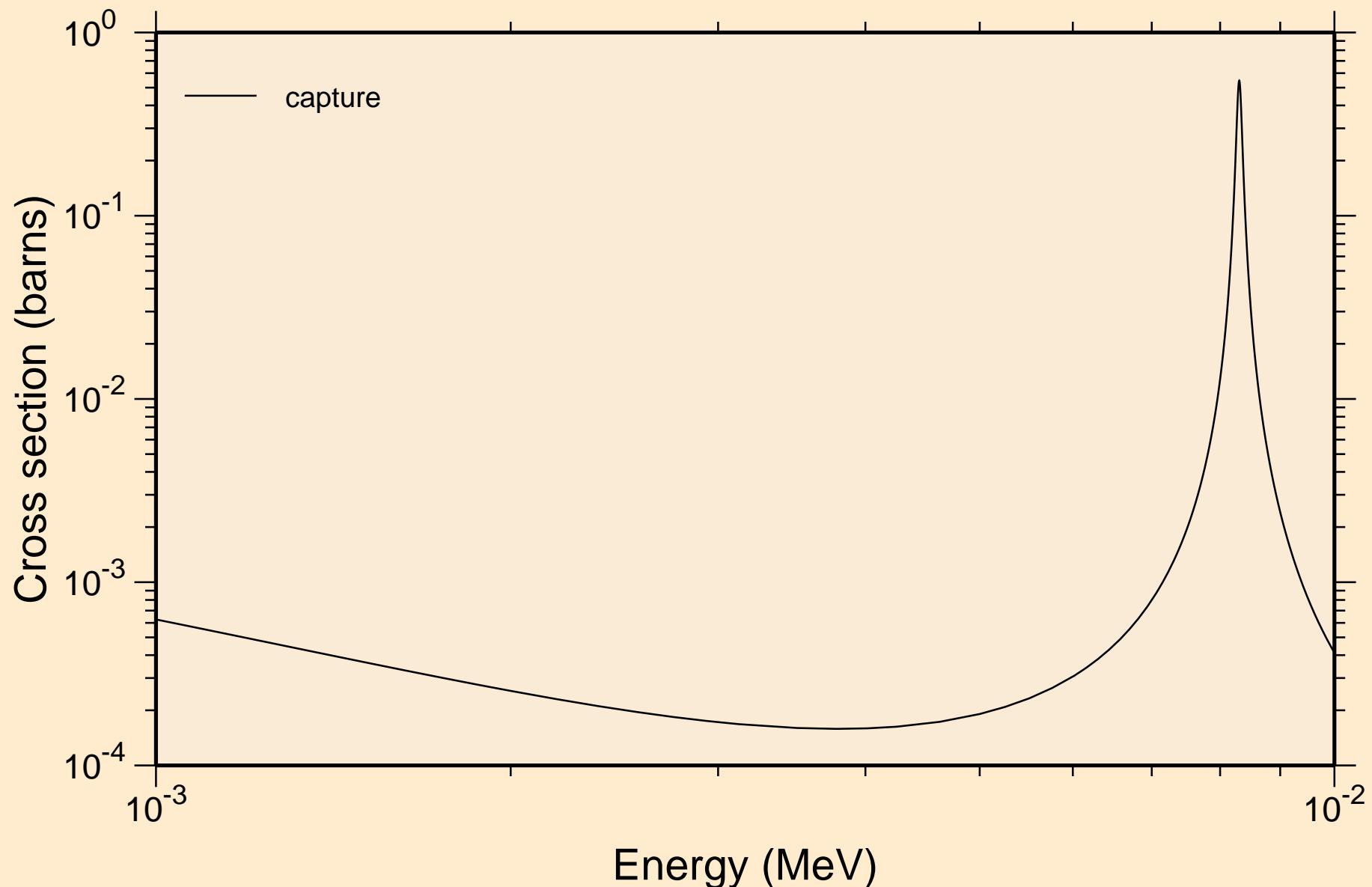


ENDF/B-VI CL-37H  
resonance total cross section



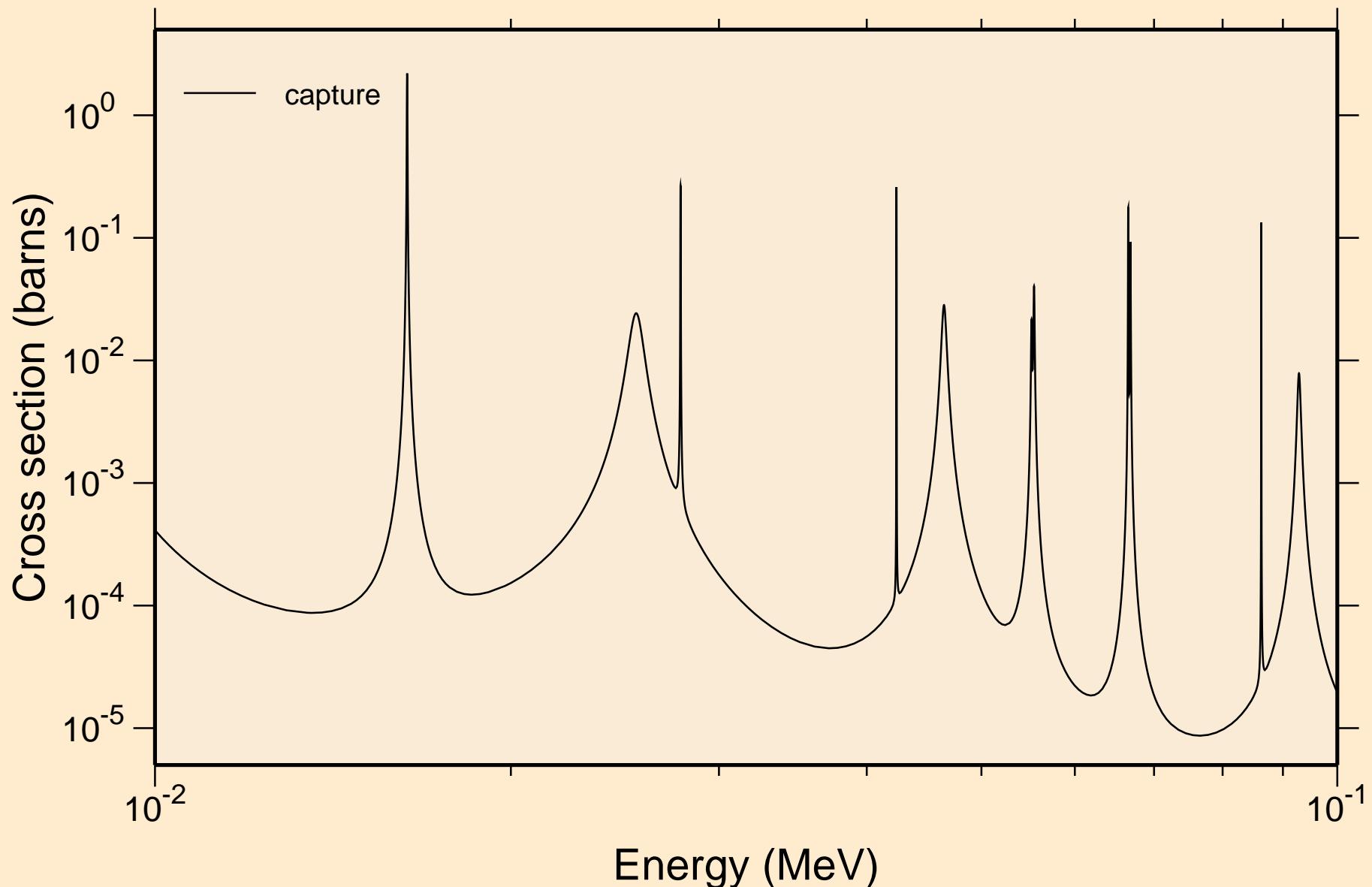
# ENDF/B-VI CL-37H

## resonance absorption cross sections



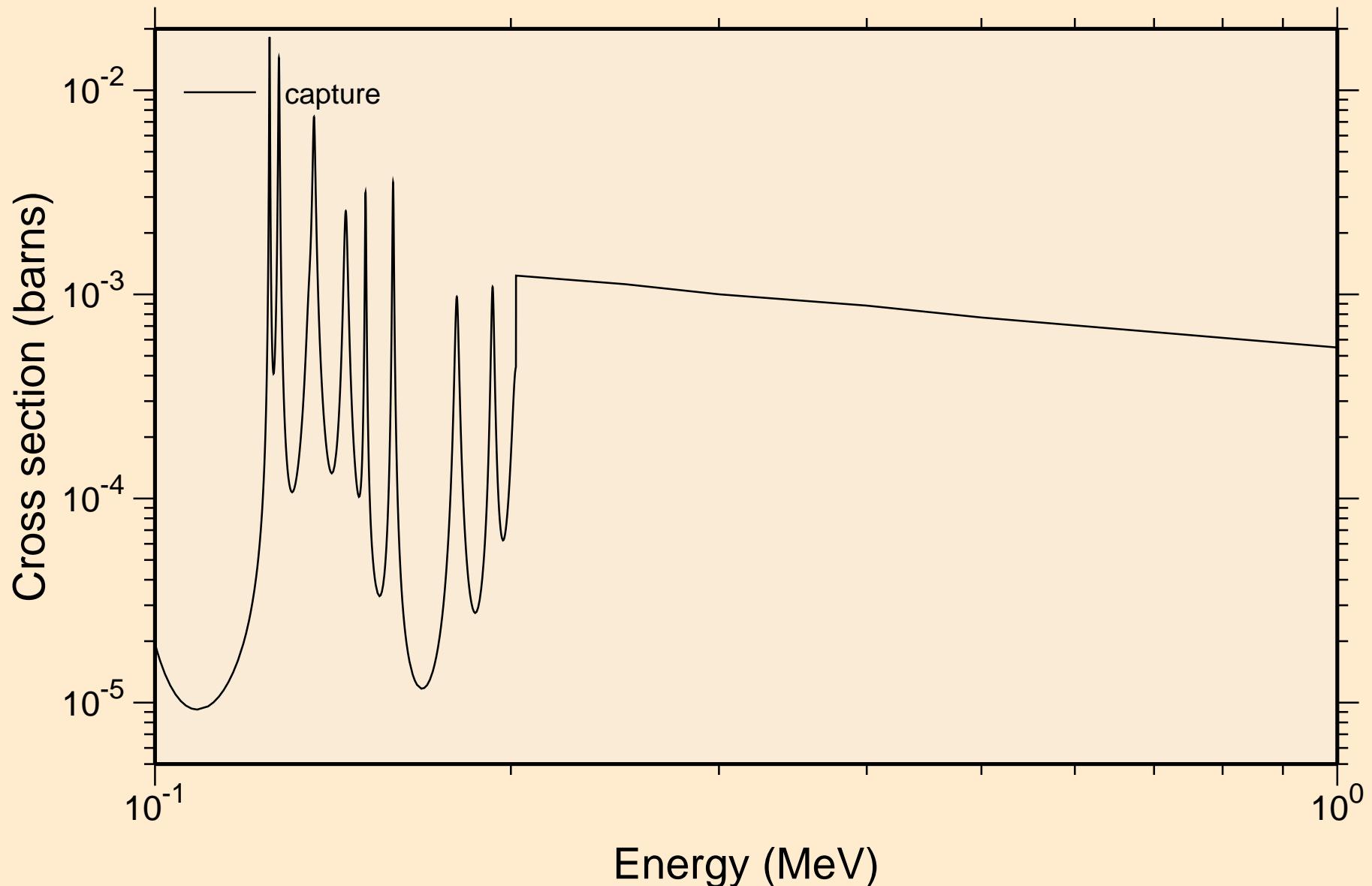
# ENDF/B-VI CL-37H

## resonance absorption cross sections

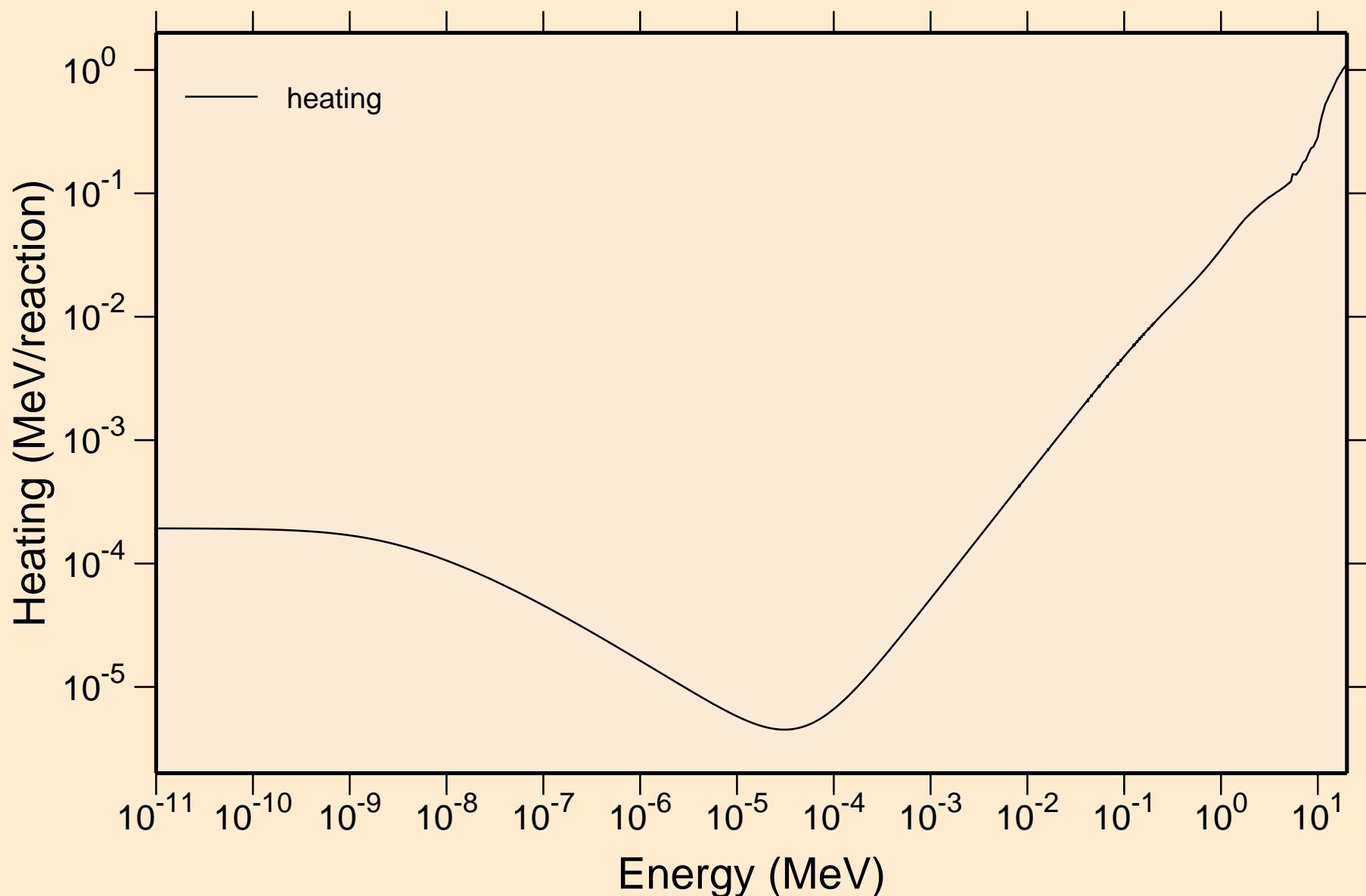


# ENDF/B-VI CL-37H

## resonance absorption cross sections

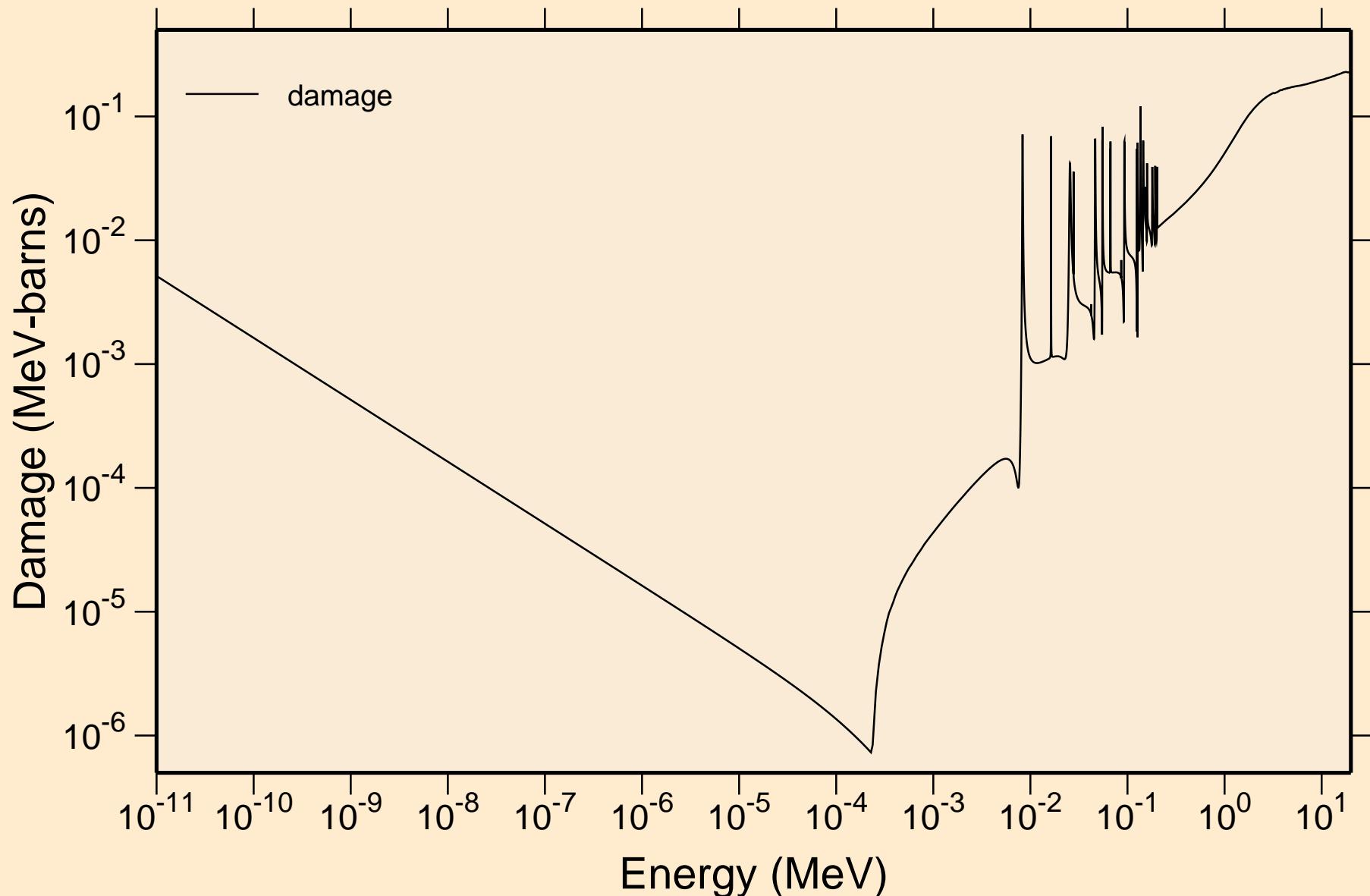


ENDF/B-VI CL-37H  
Heating



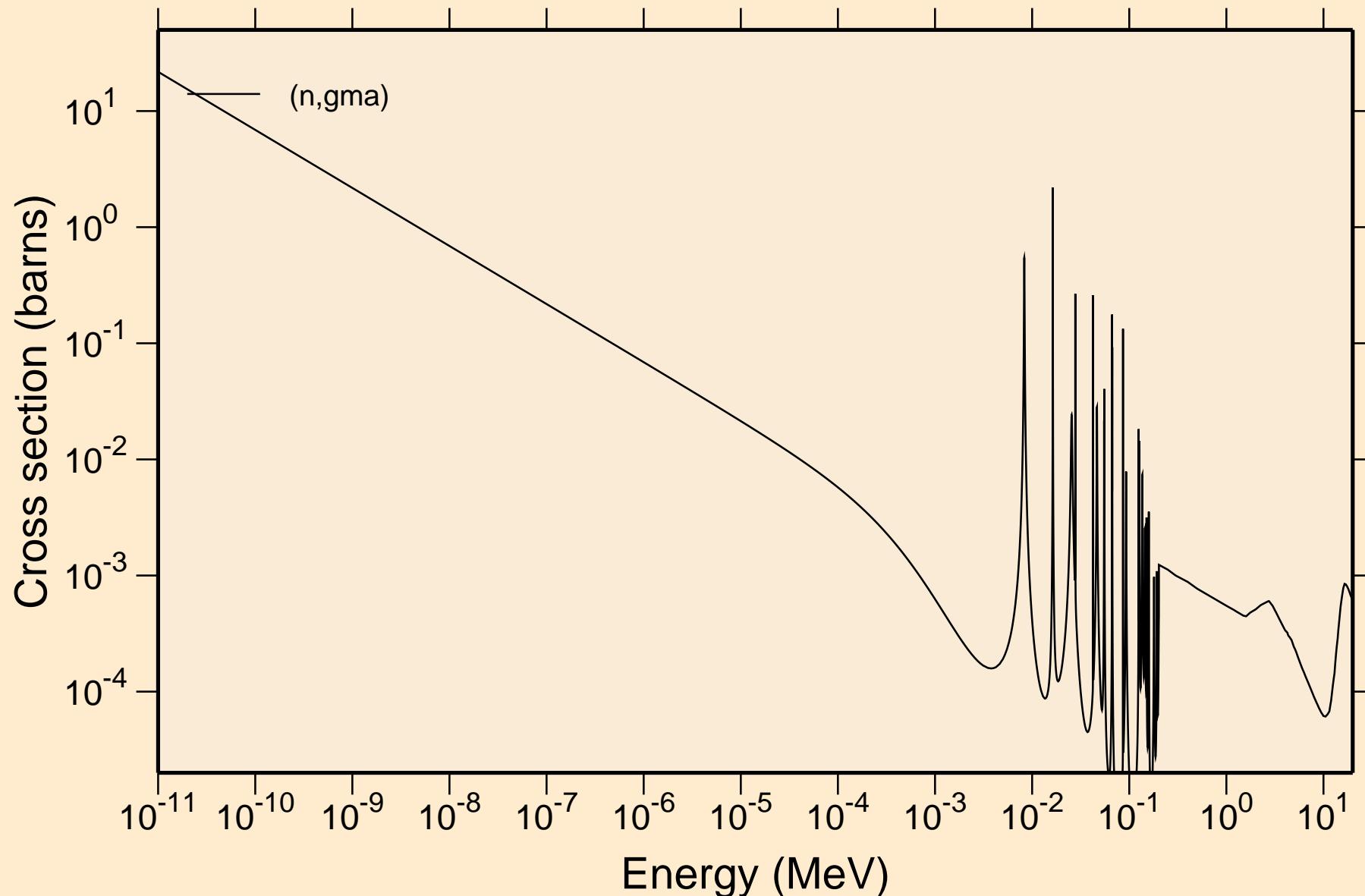
# ENDF/B-VI CL-37H

## Damage



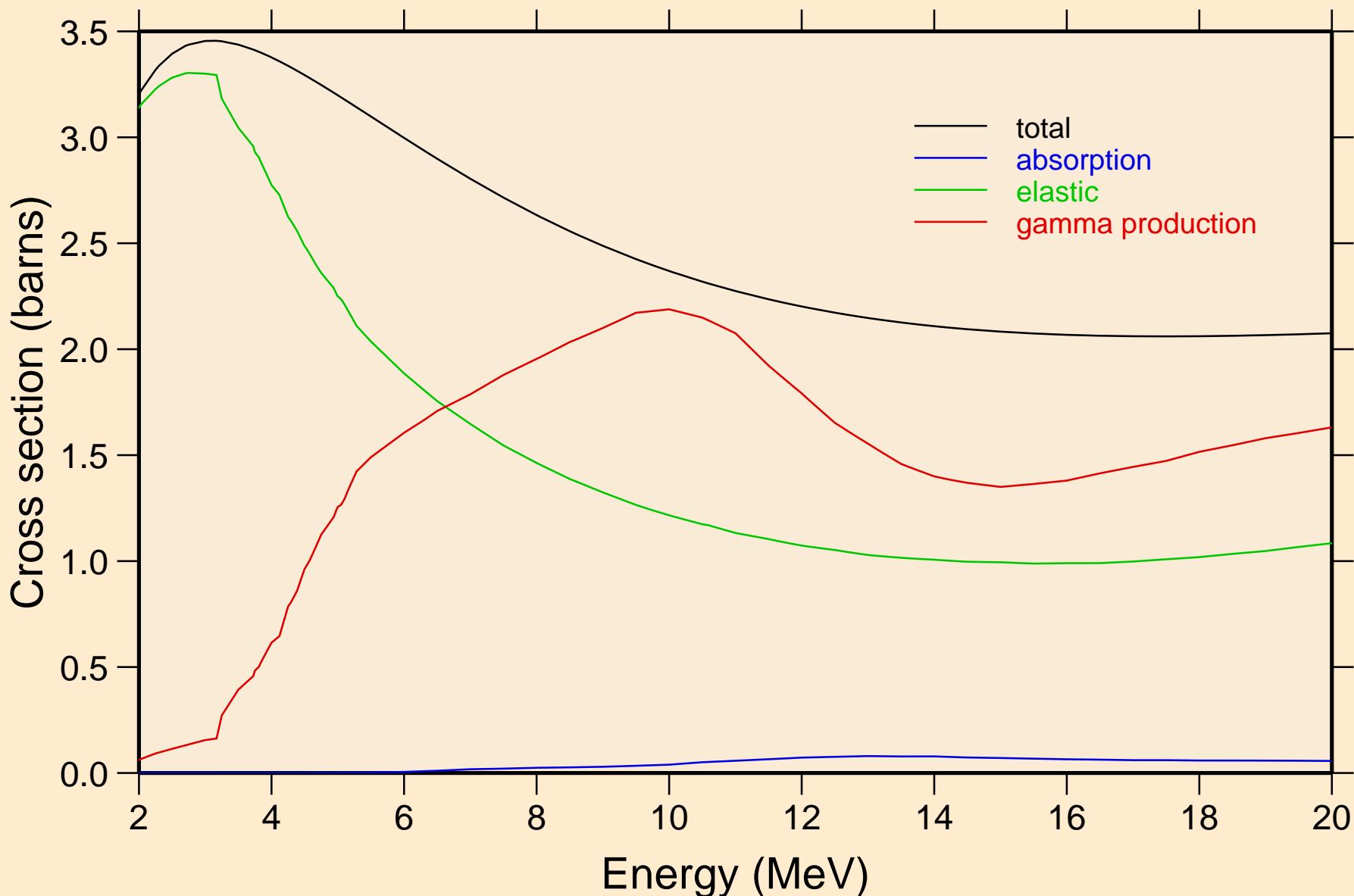
# ENDF/B-VI CL-37H

## Non-threshold reactions

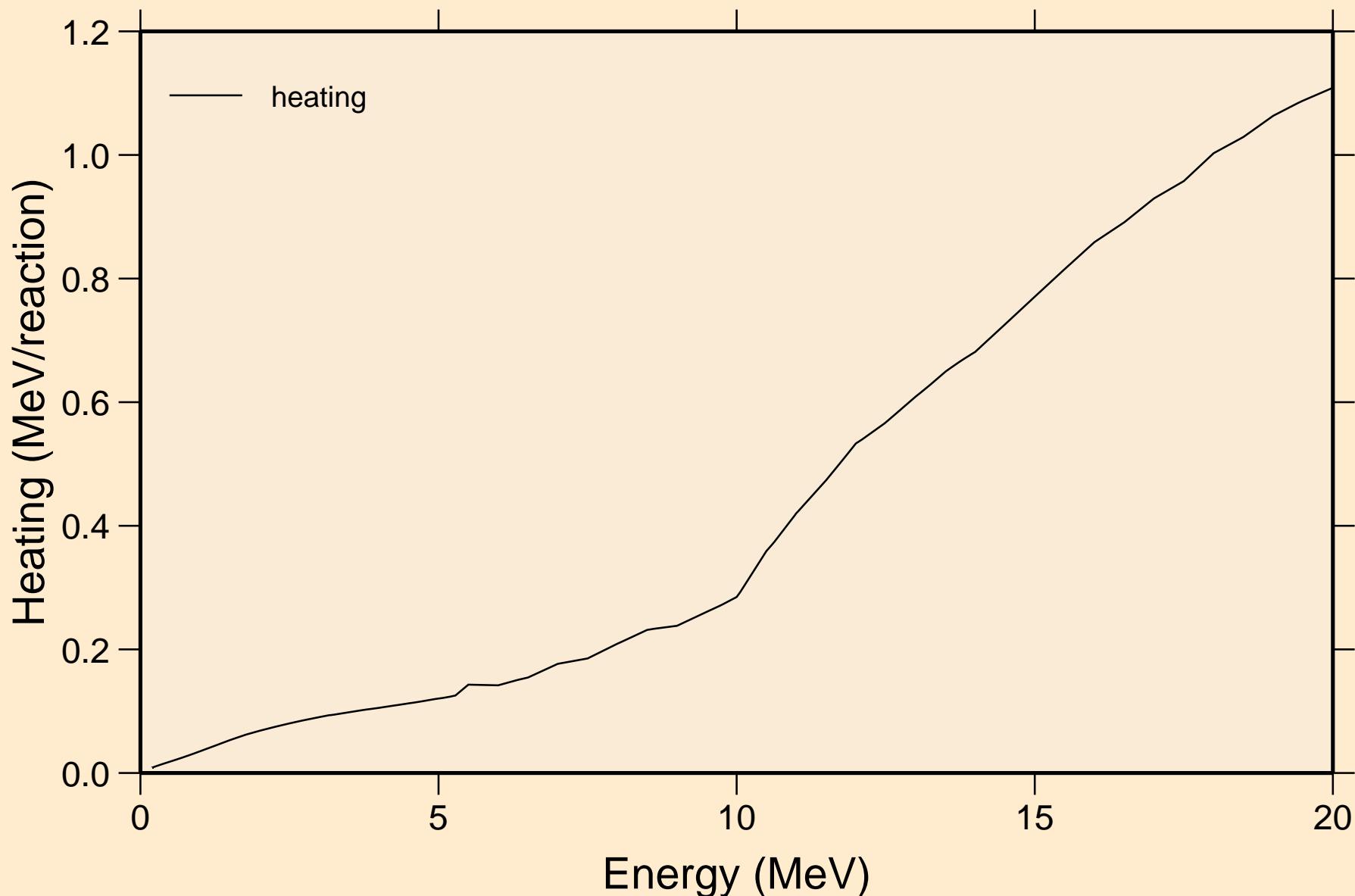


# ENDF/B-VI CL-37H

## Principal cross sections

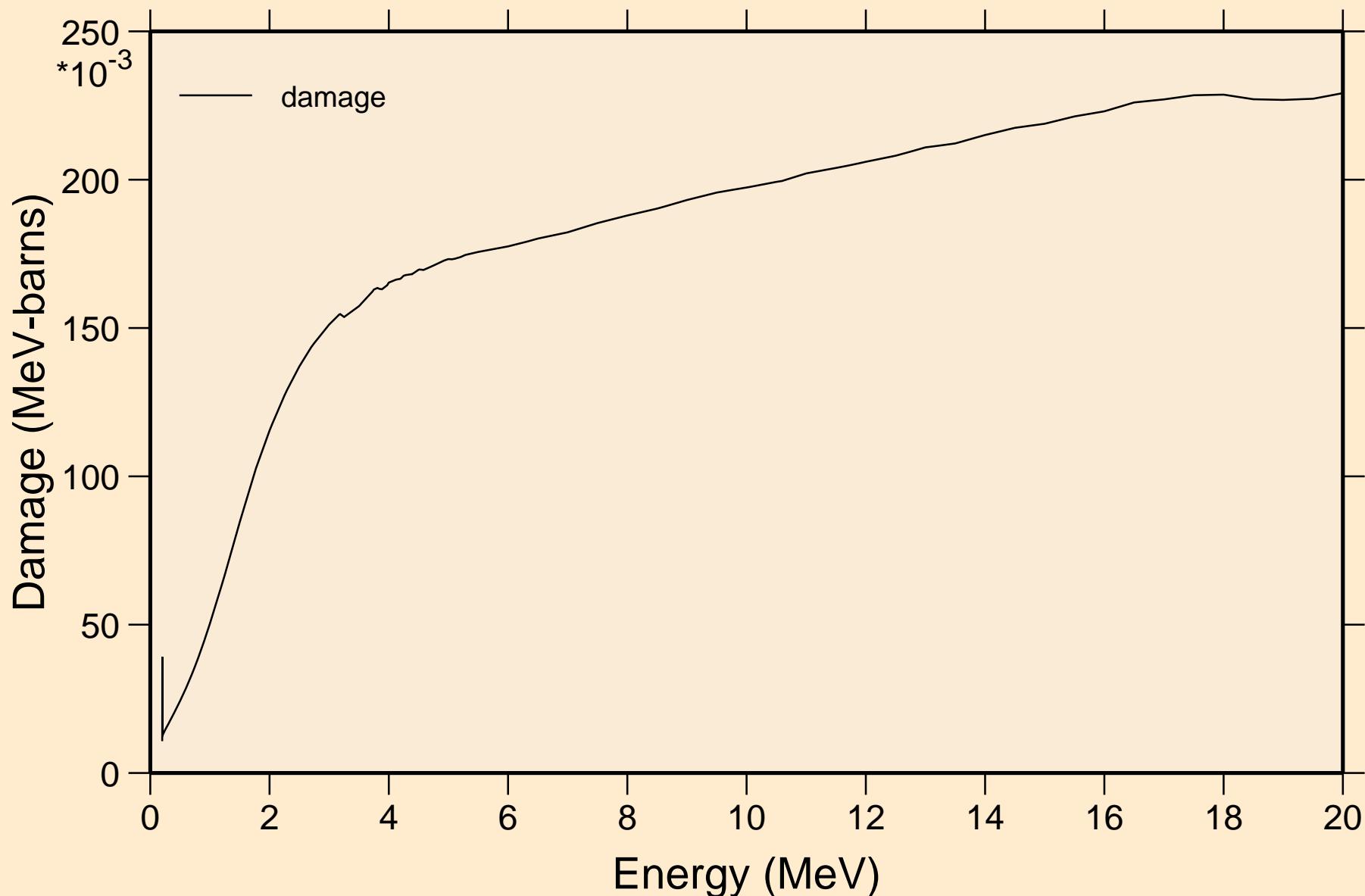


ENDF/B-VI CL-37H  
Heating



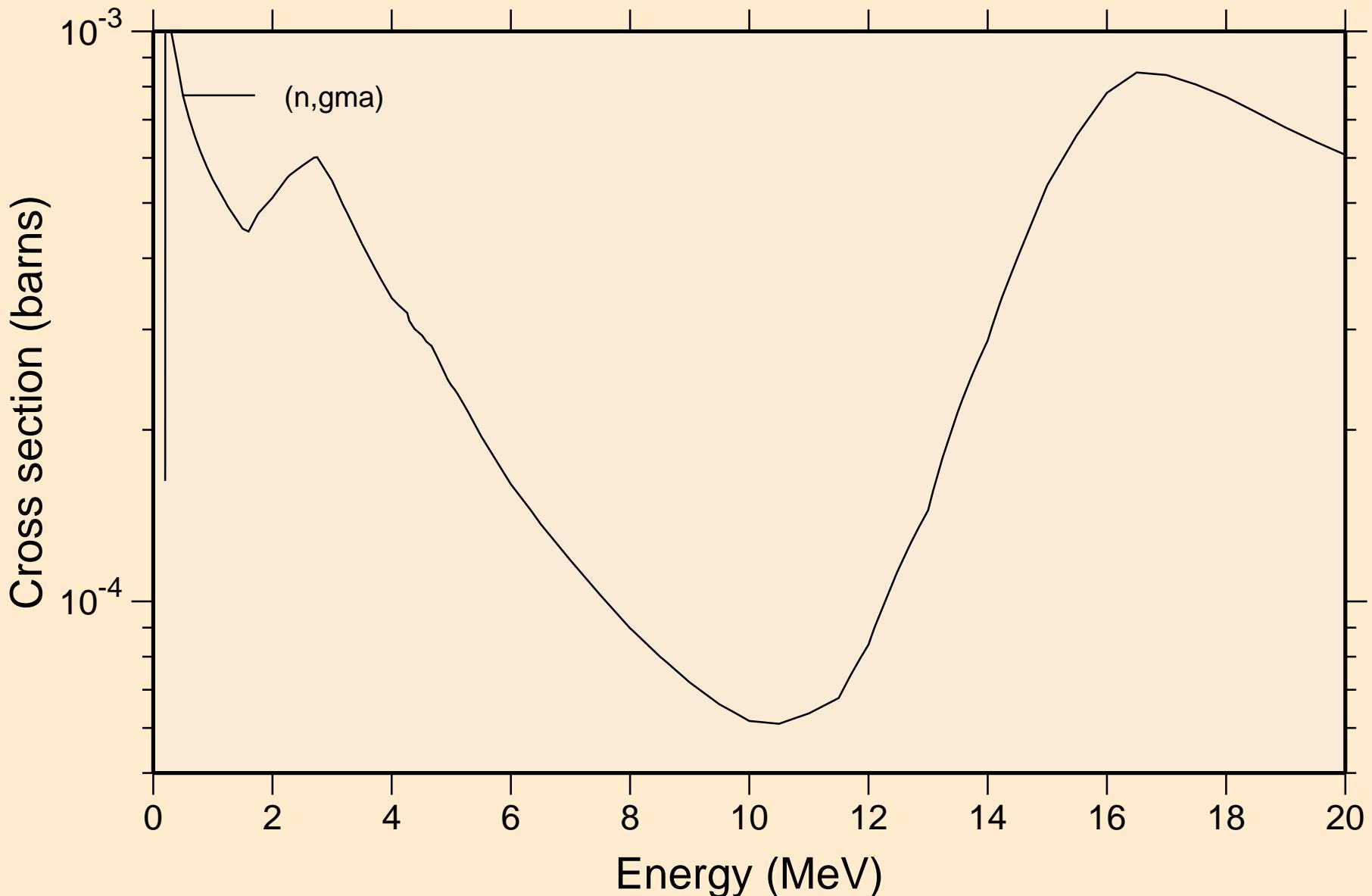
# ENDF/B-VI CL-37H

## Damage



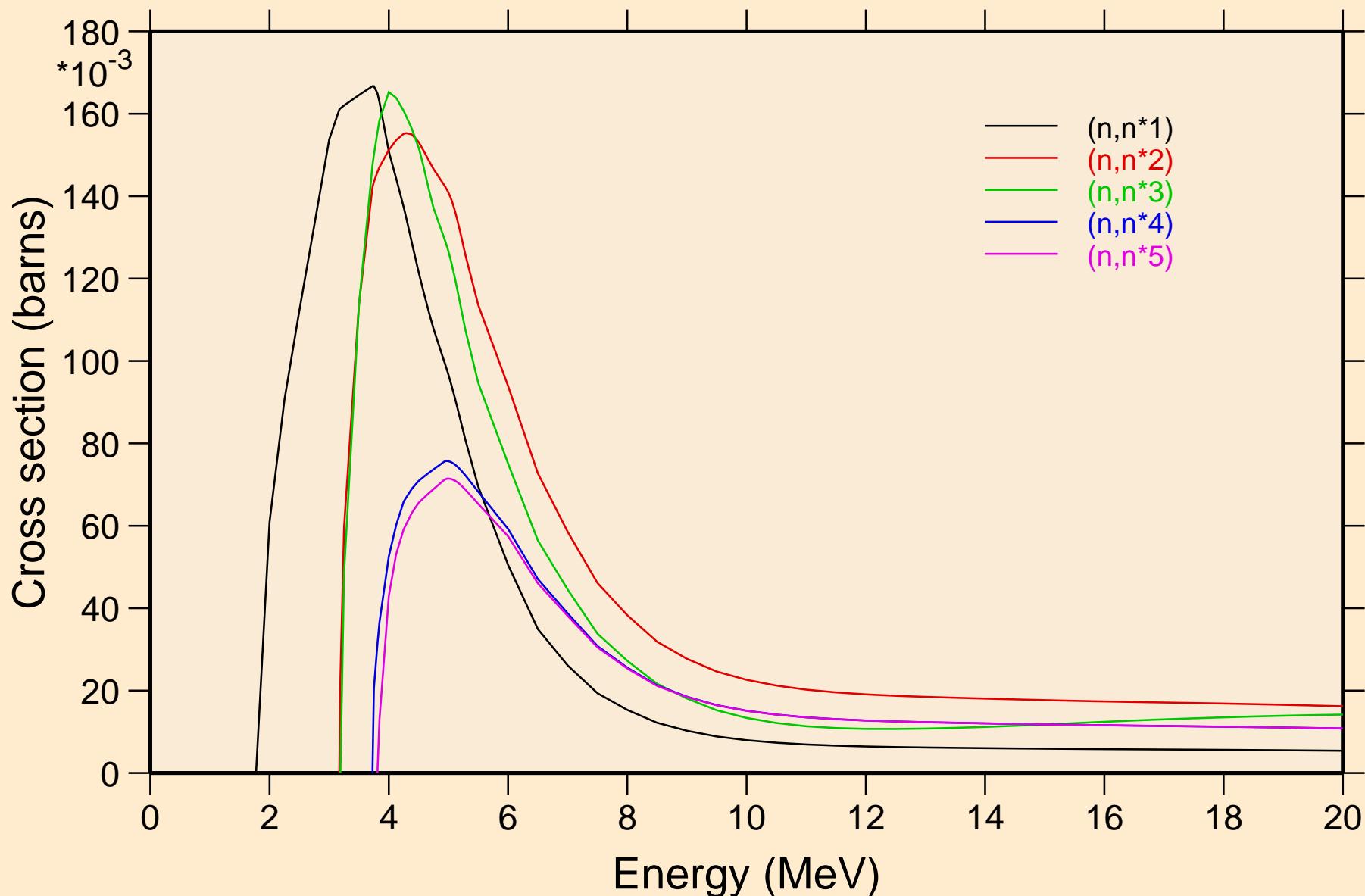
# ENDF/B-VI CL-37H

## Non-threshold reactions



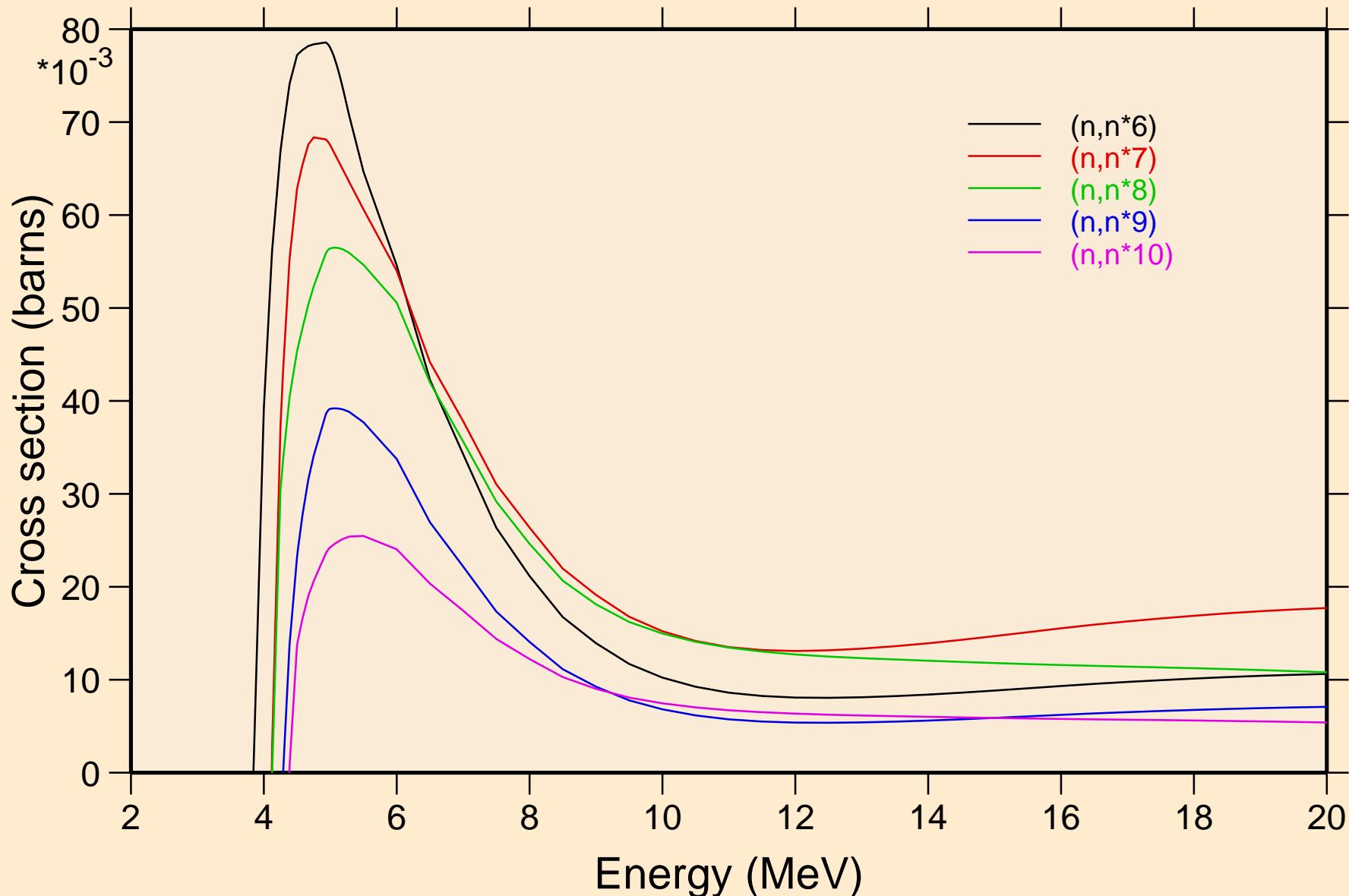
# ENDF/B-VI CL-37H

## Inelastic levels



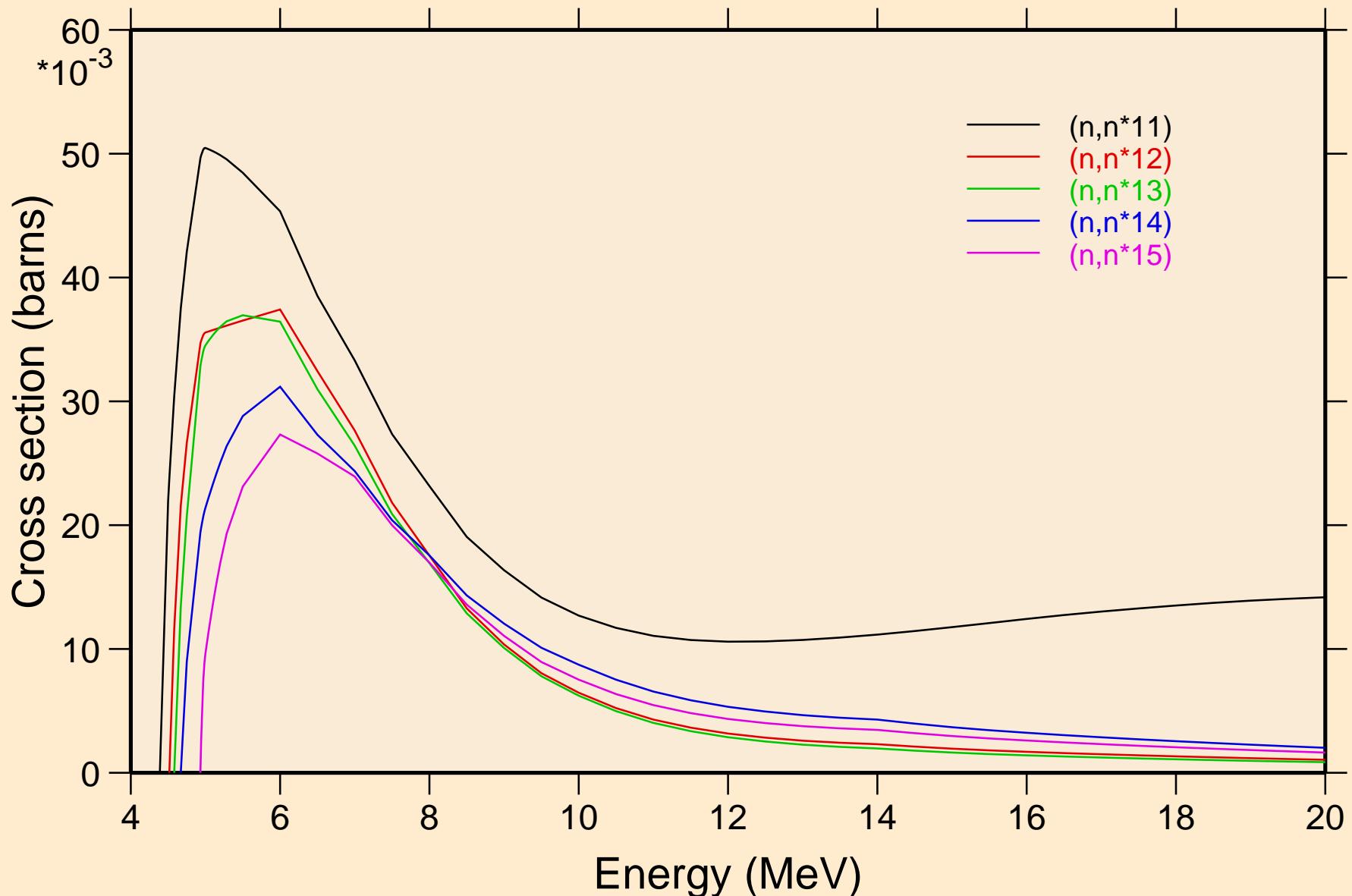
# ENDF/B-VI CL-37H

## Inelastic levels



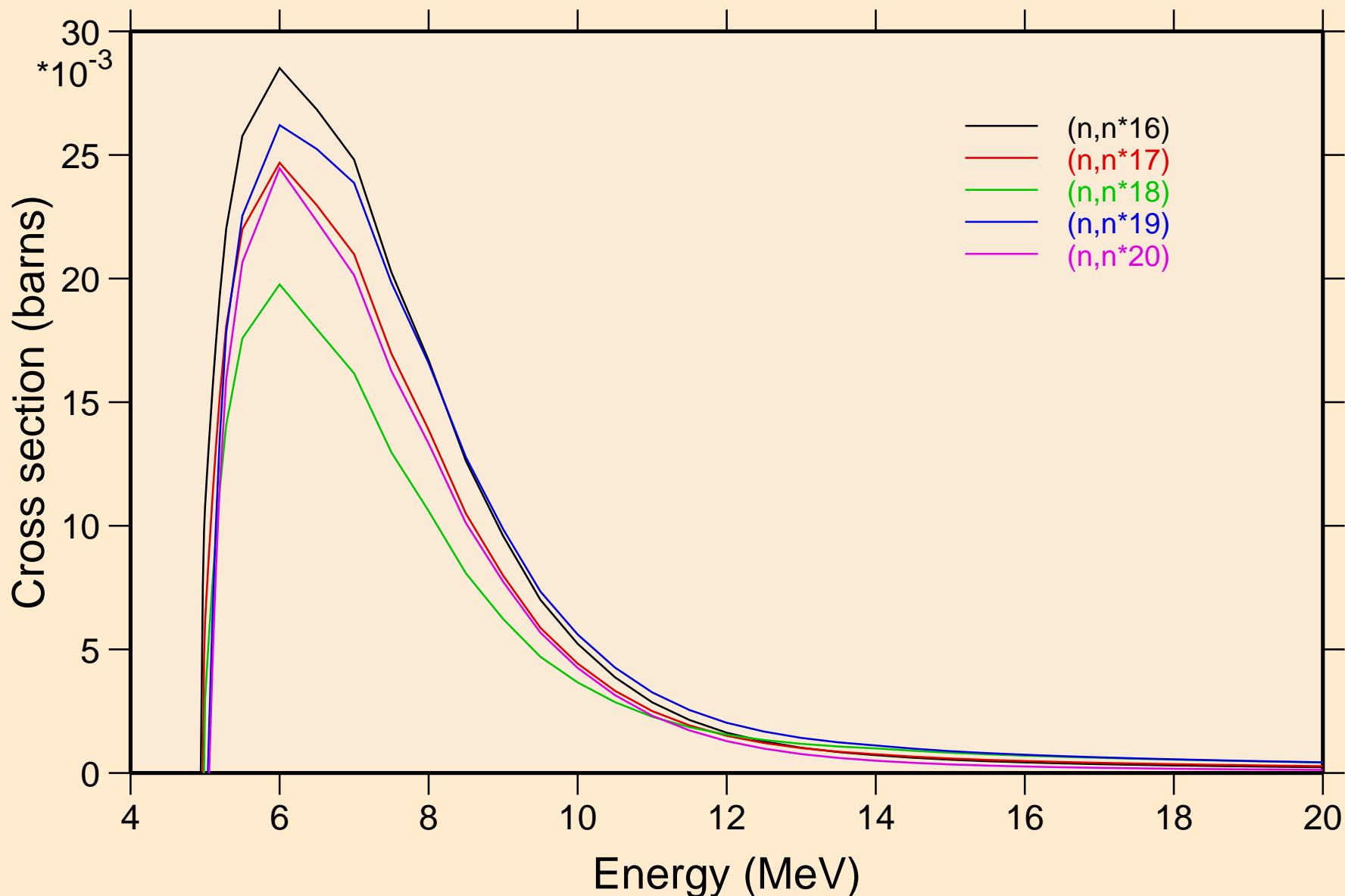
# ENDF/B-VI CL-37H

## Inelastic levels



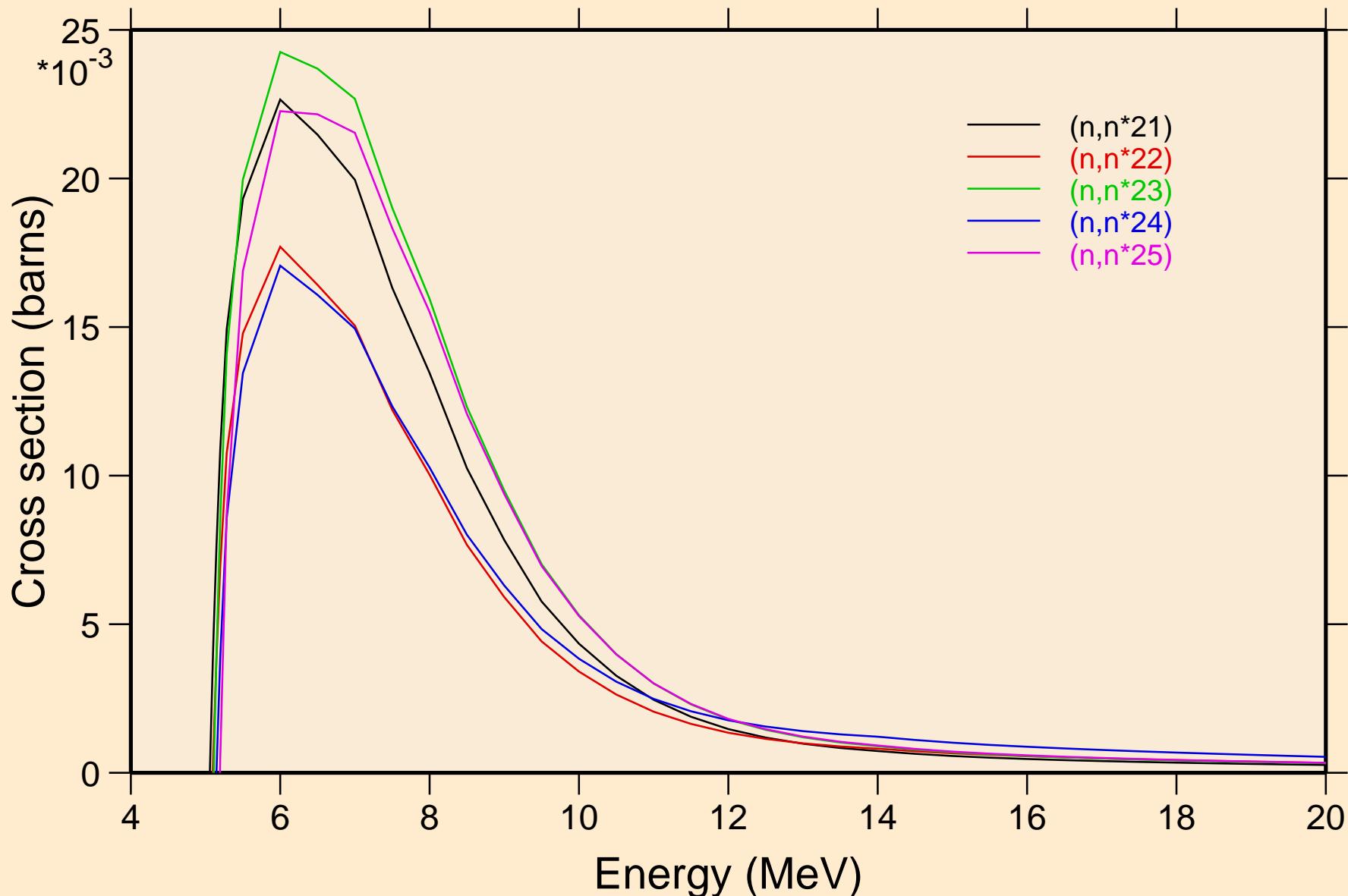
# ENDF/B-VI CL-37H

## Inelastic levels

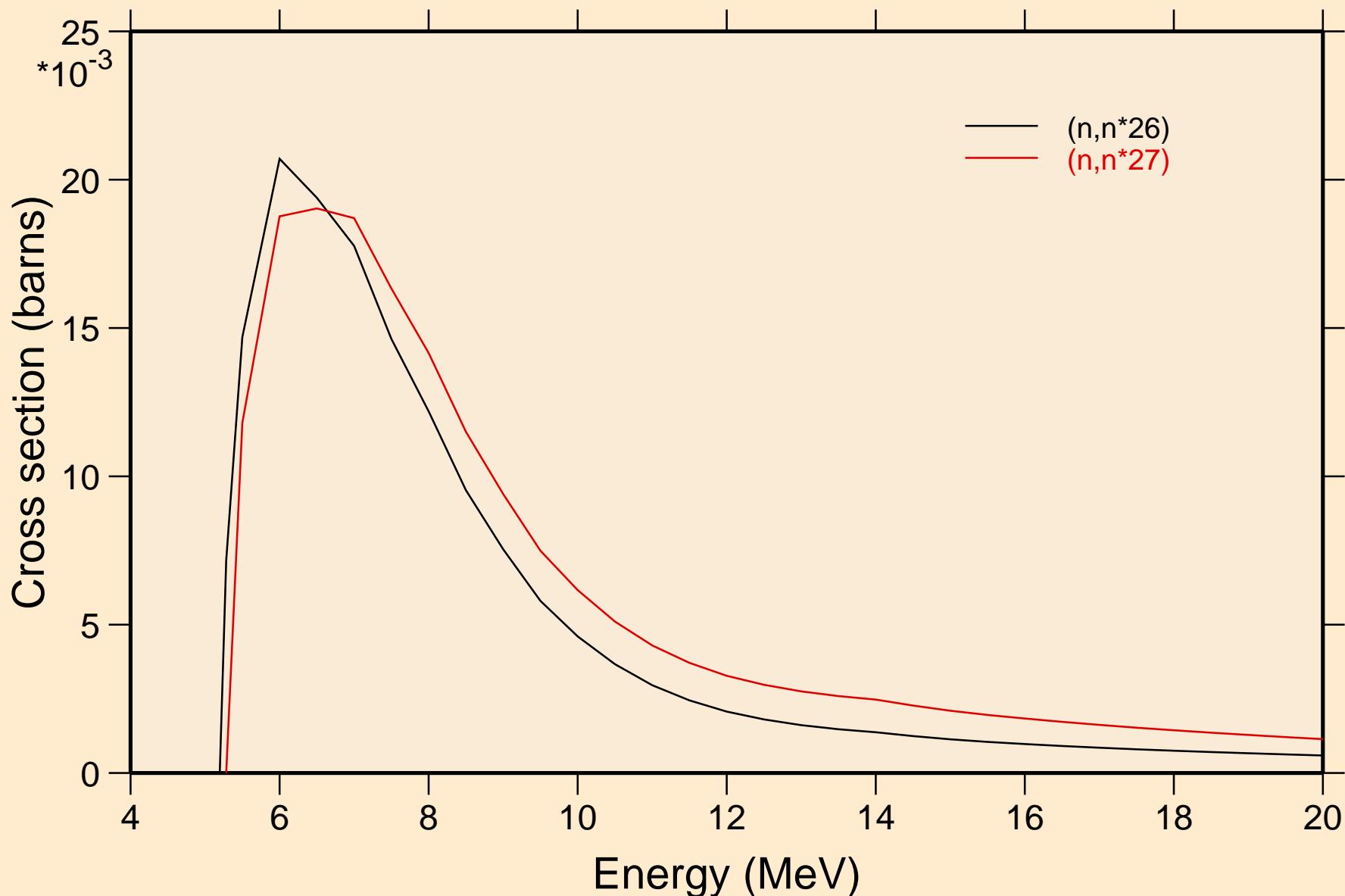


# ENDF/B-VI CL-37H

## Inelastic levels

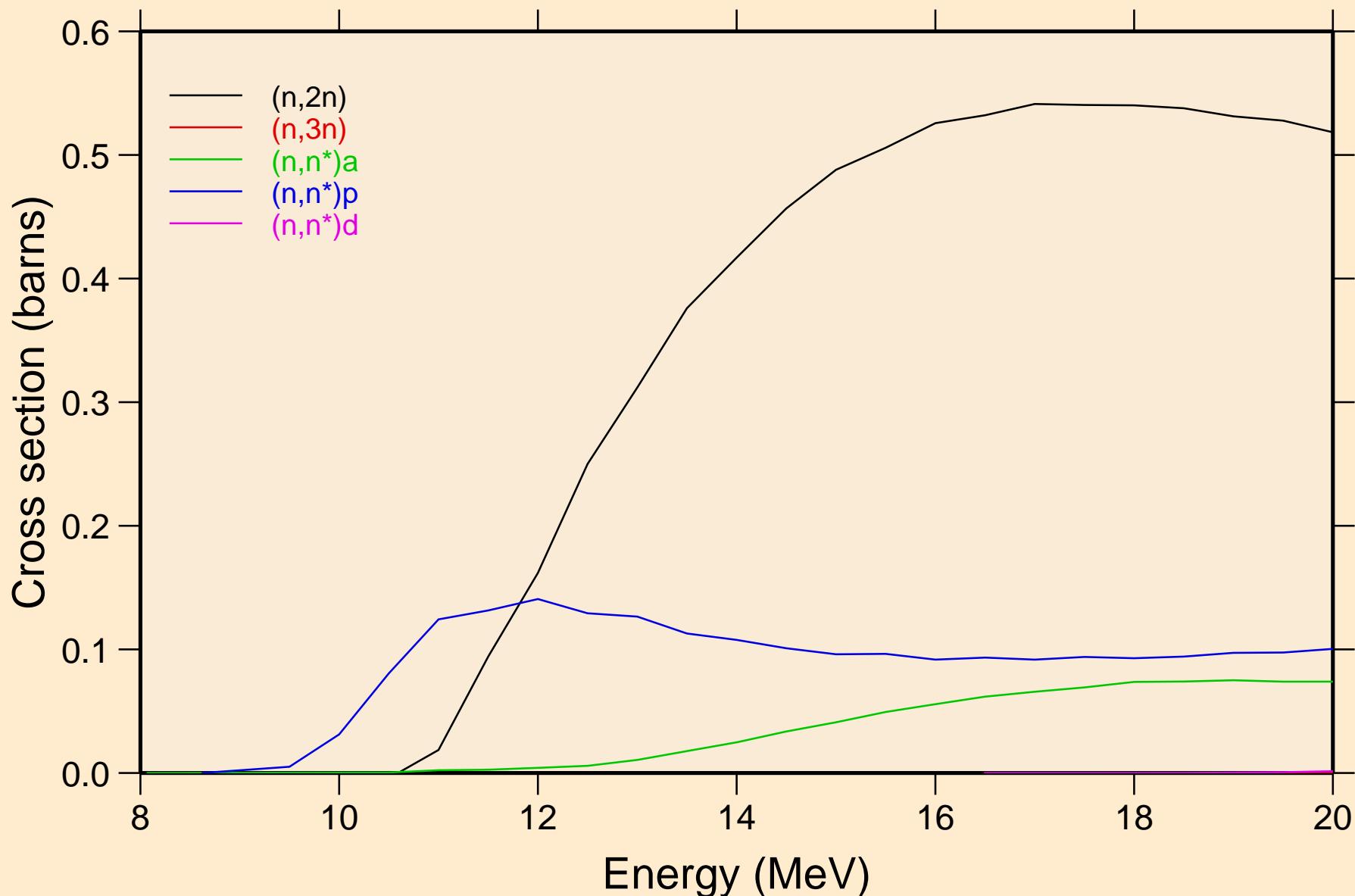


ENDF/B-VI CL-37H  
Inelastic levels



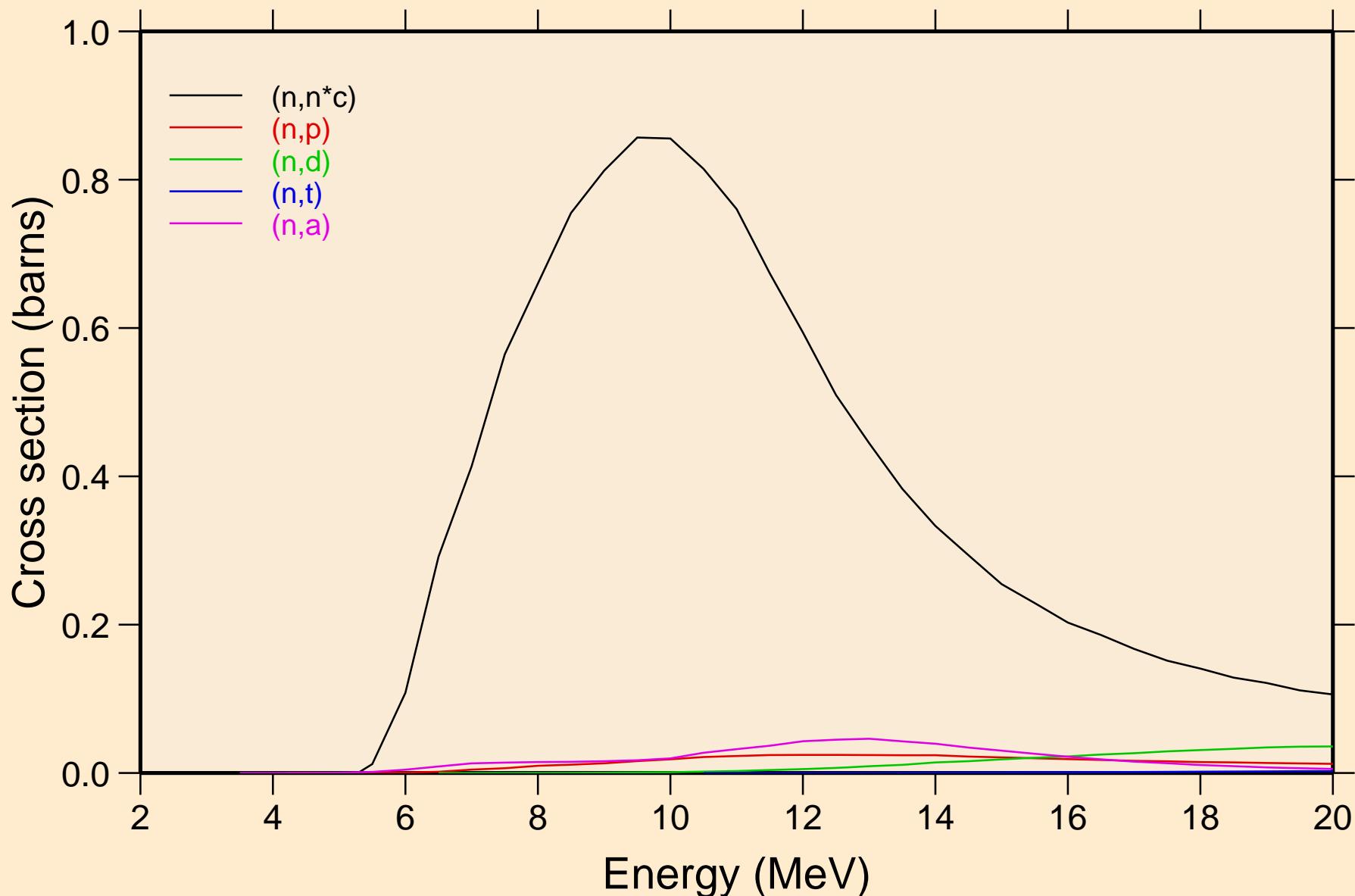
# ENDF/B-VI CL-37H

## Threshold reactions



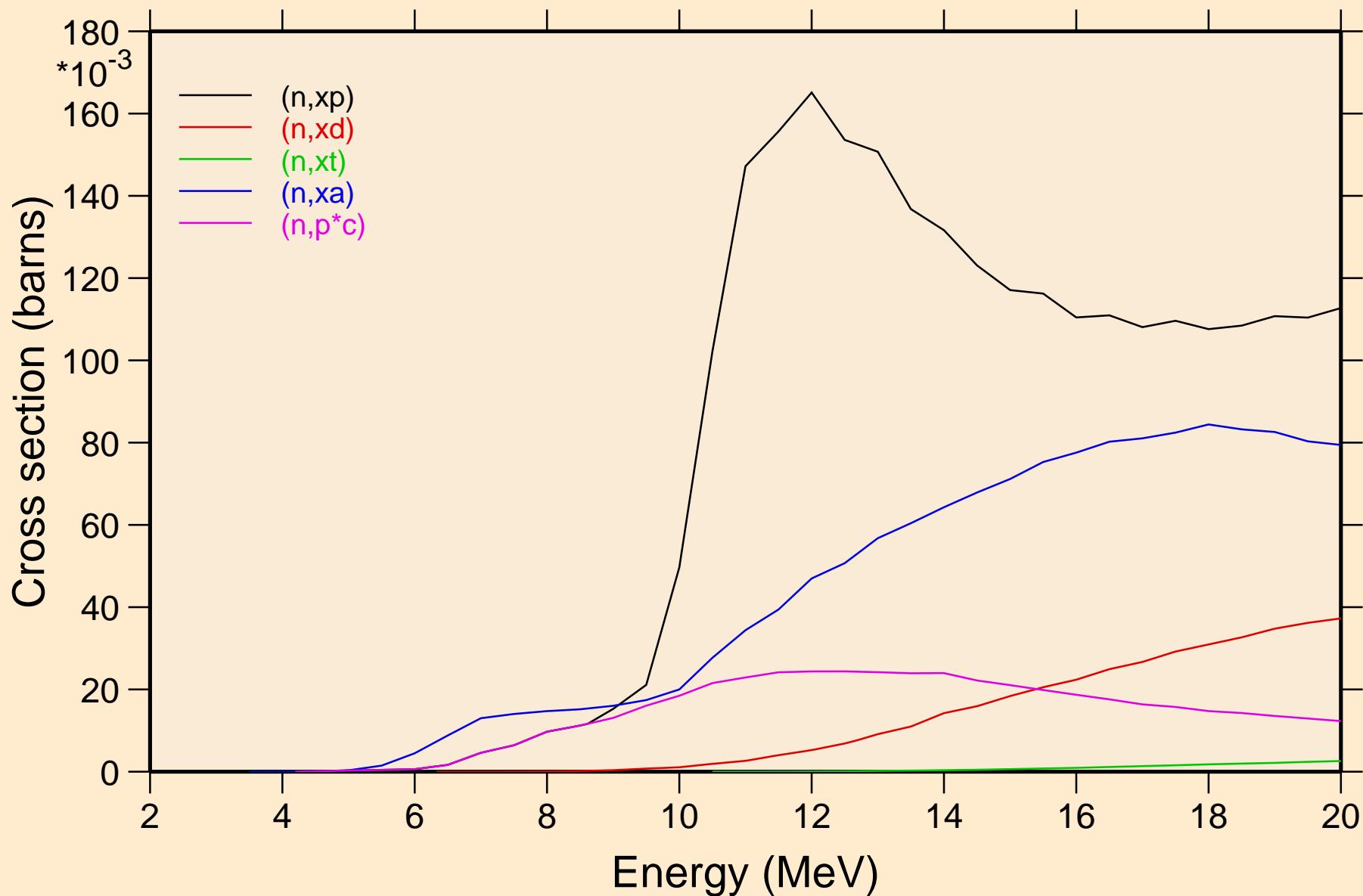
# ENDF/B-VI CL-37H

## Threshold reactions



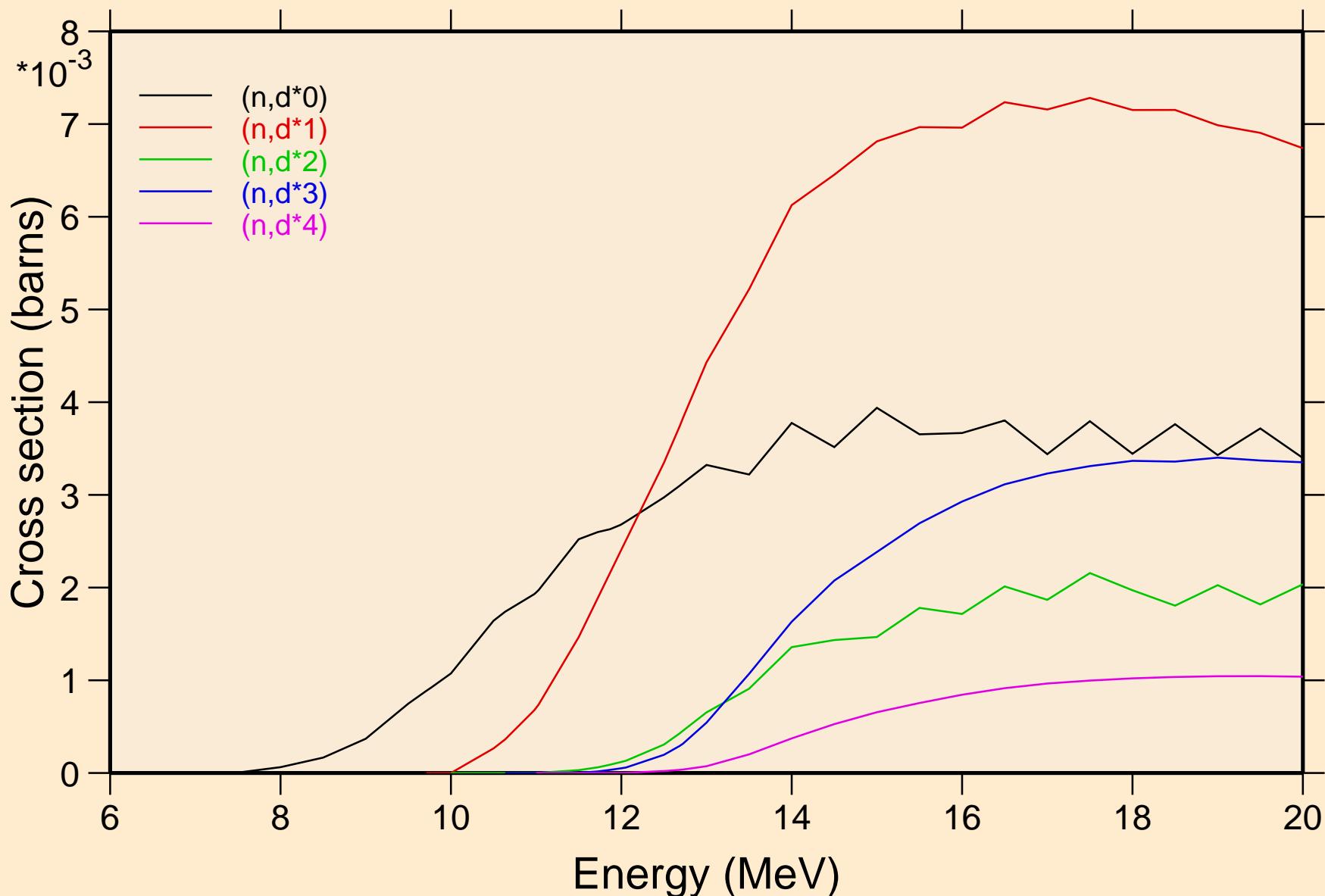
# ENDF/B-VI CL-37H

## Threshold reactions



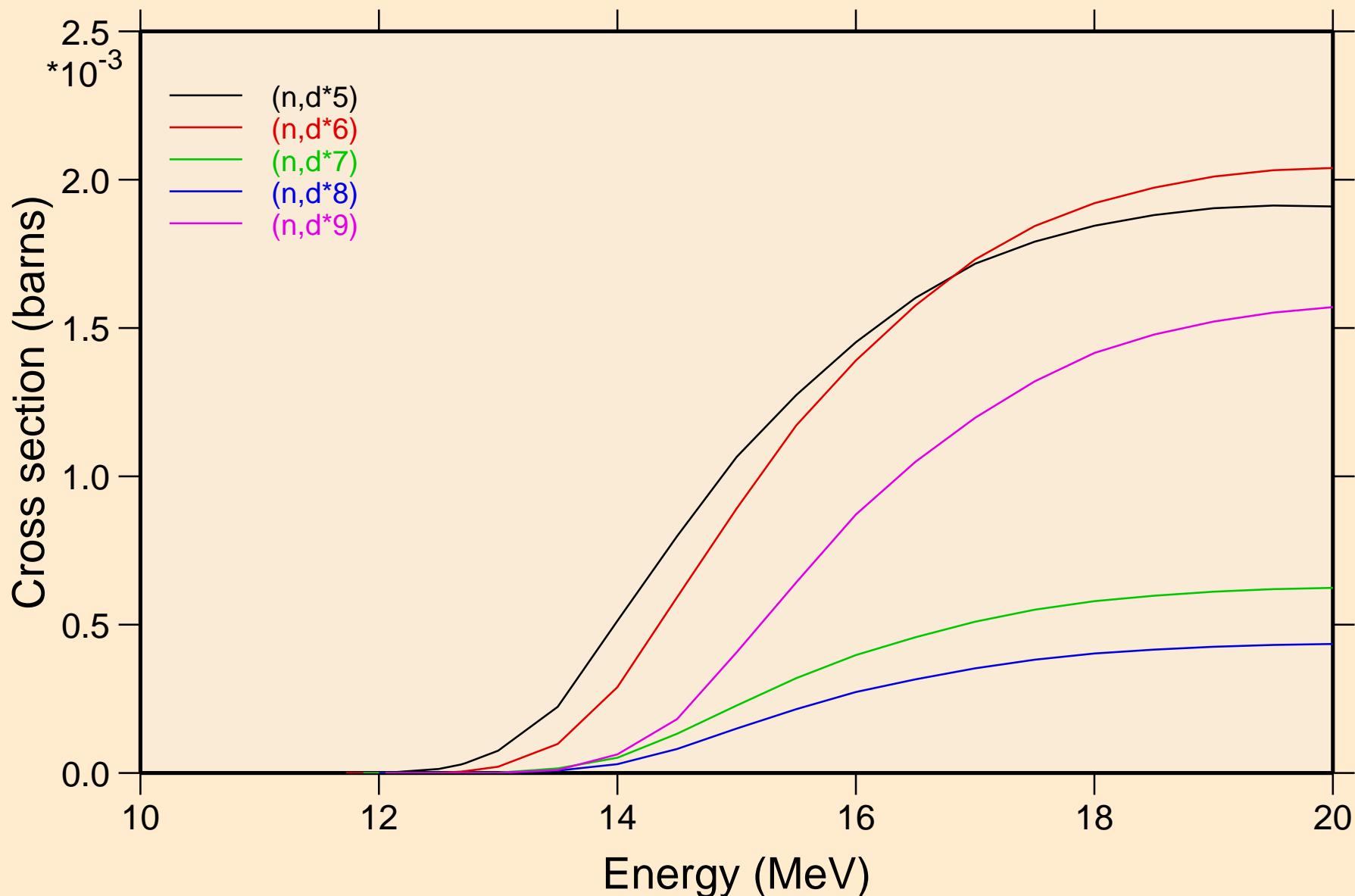
# ENDF/B-VI CL-37H

## Threshold reactions



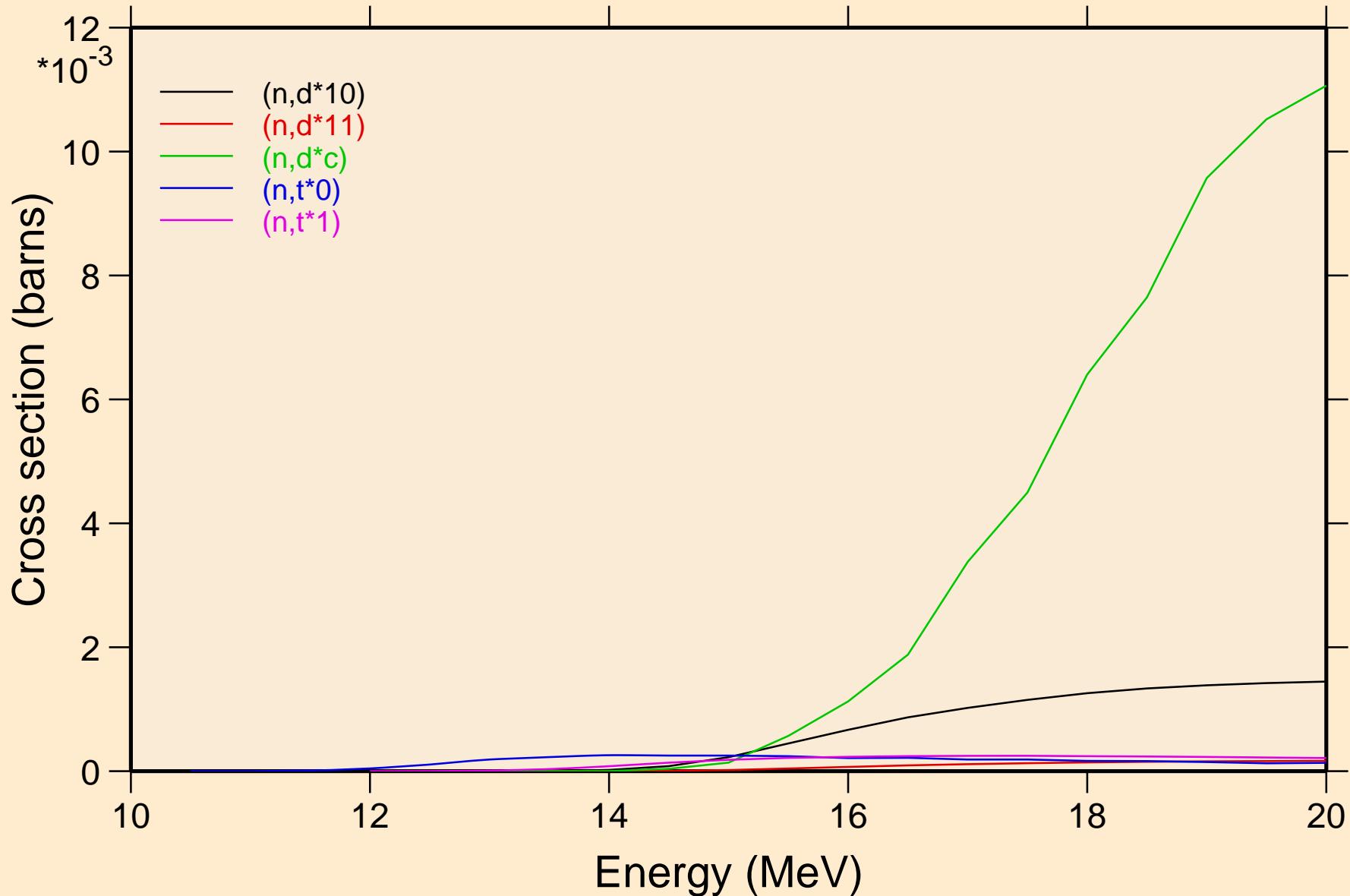
# ENDF/B-VI CL-37H

## Threshold reactions



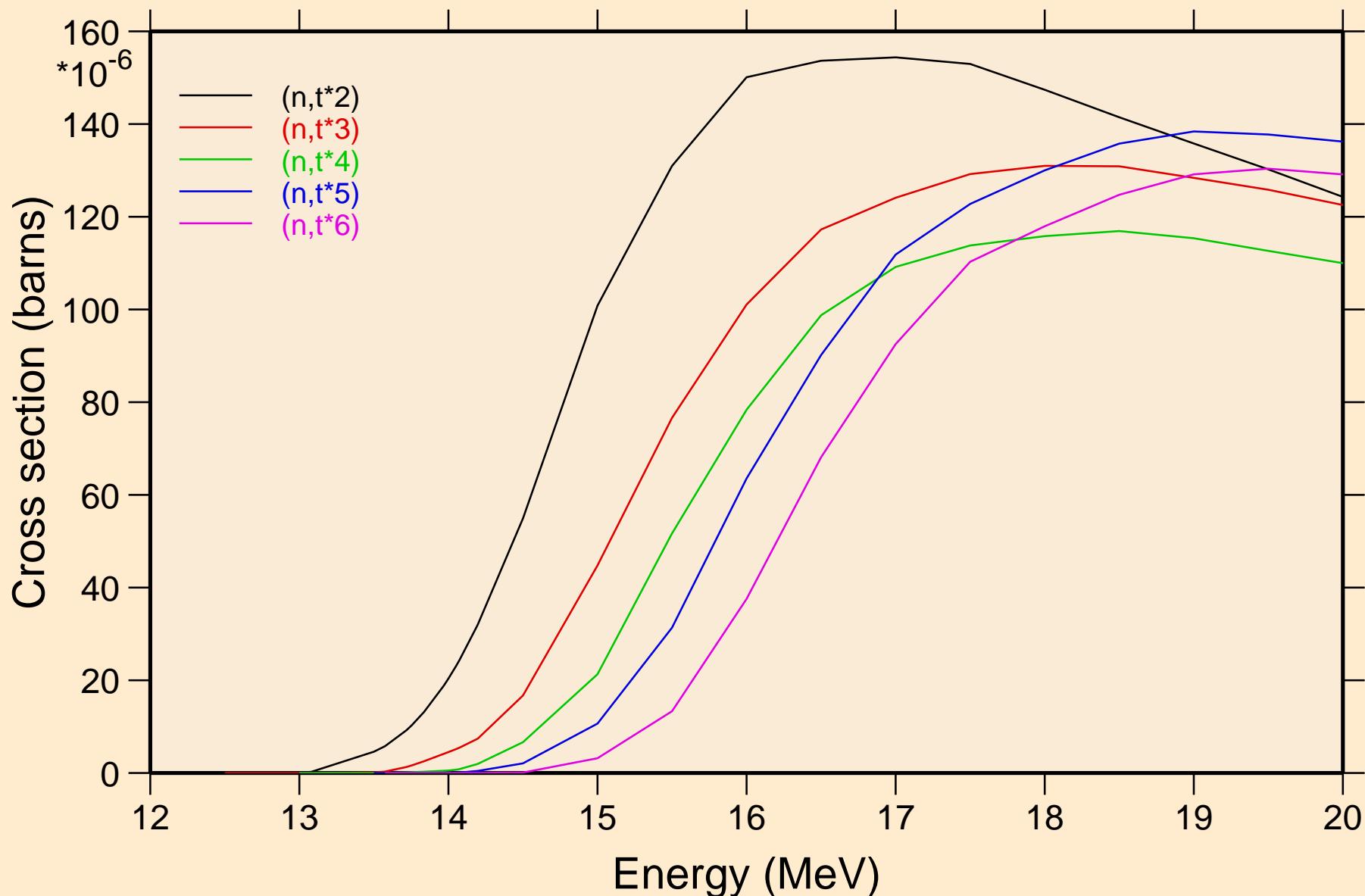
# ENDF/B-VI CL-37H

## Threshold reactions



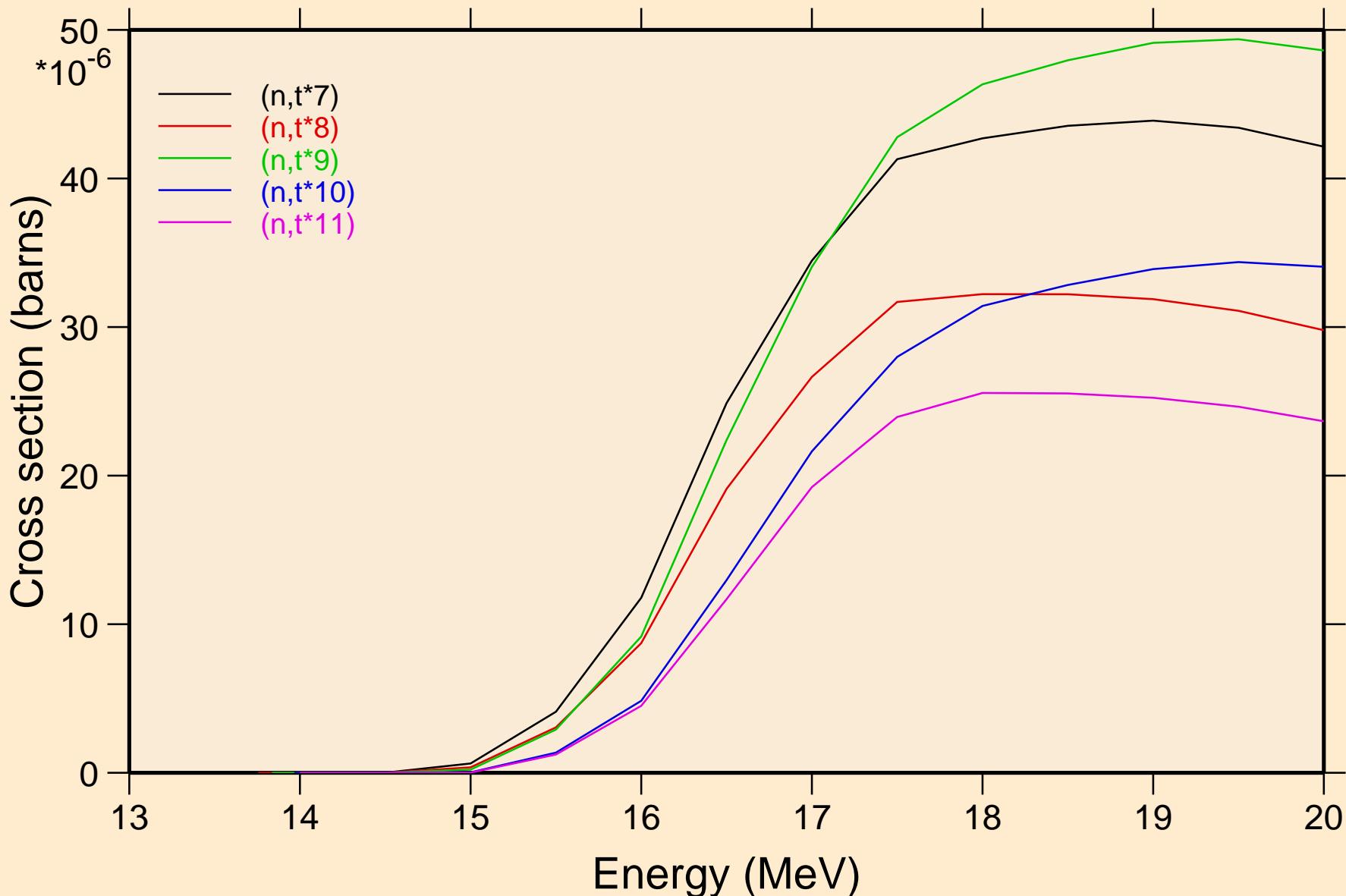
# ENDF/B-VI CL-37H

## Threshold reactions



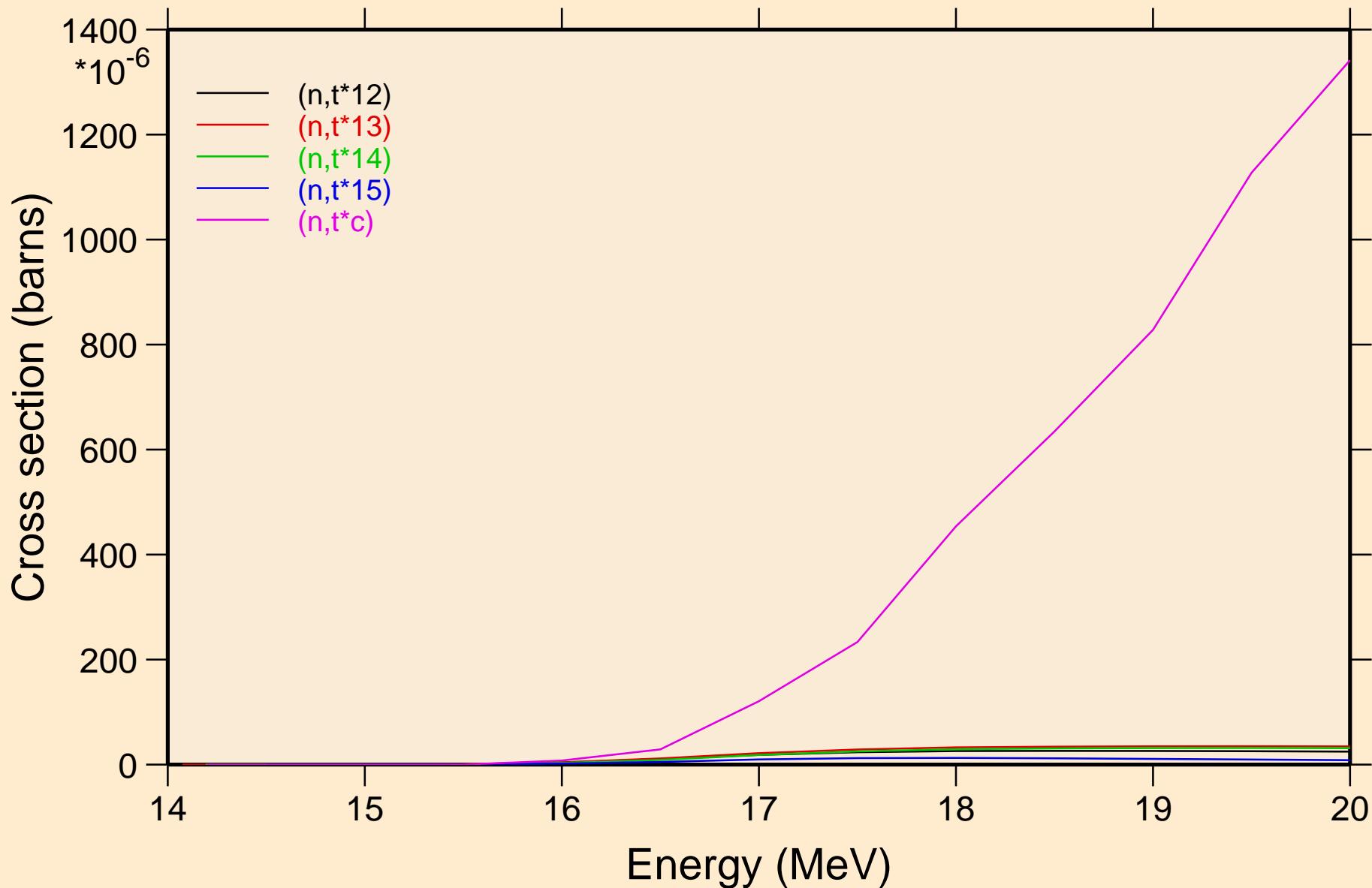
# ENDF/B-VI CL-37H

## Threshold reactions



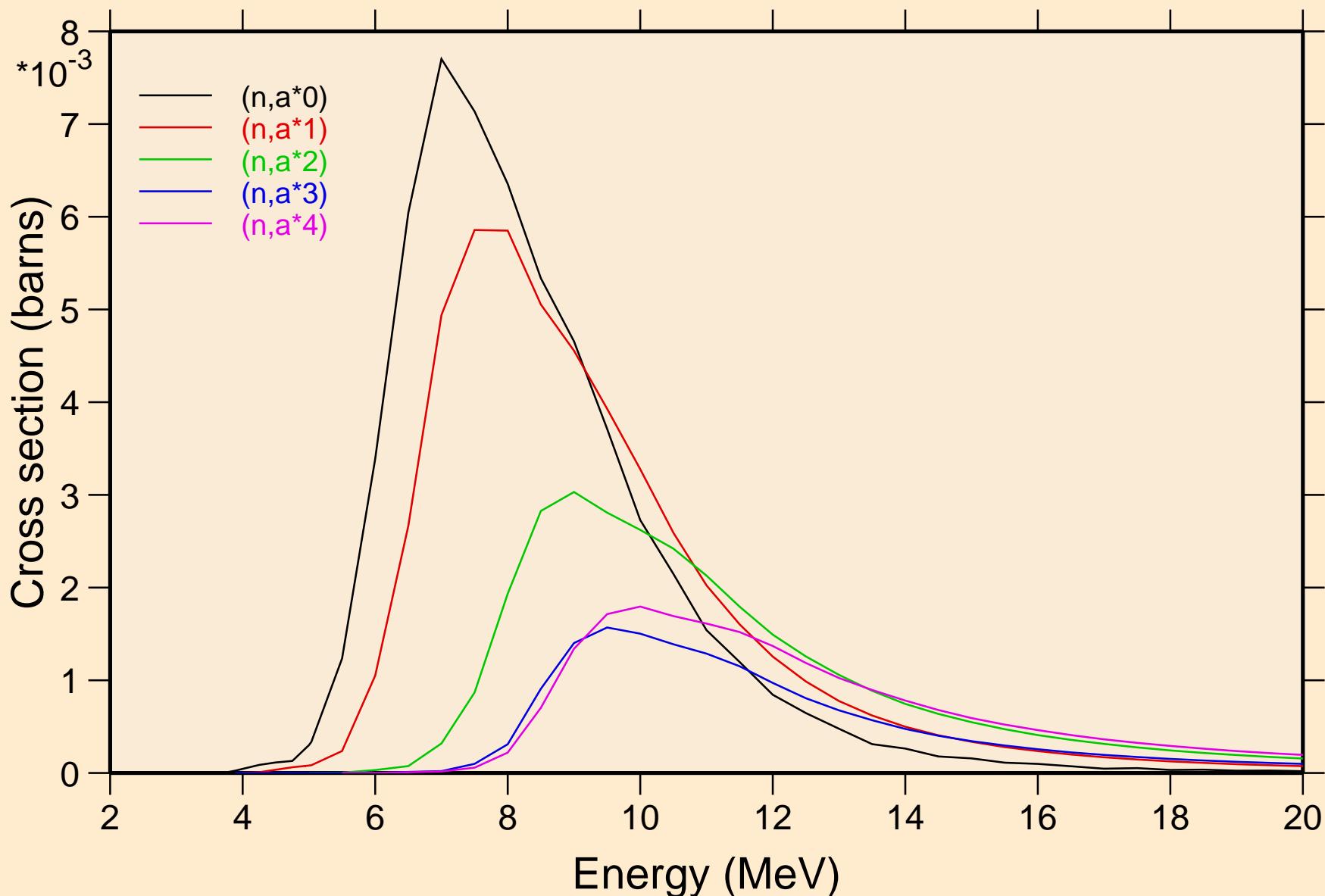
# ENDF/B-VI CL-37H

## Threshold reactions



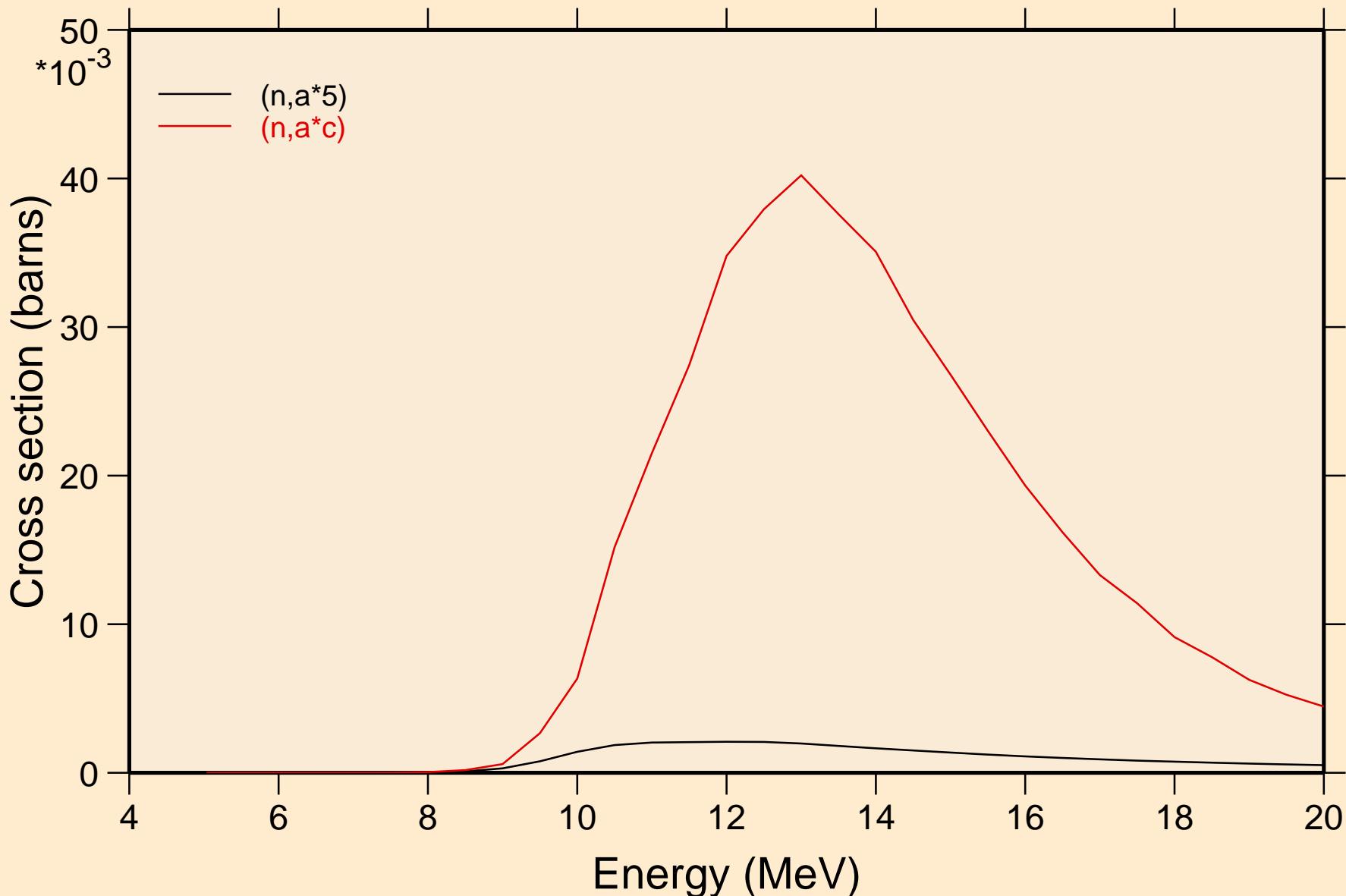
# ENDF/B-VI CL-37H

## Threshold reactions

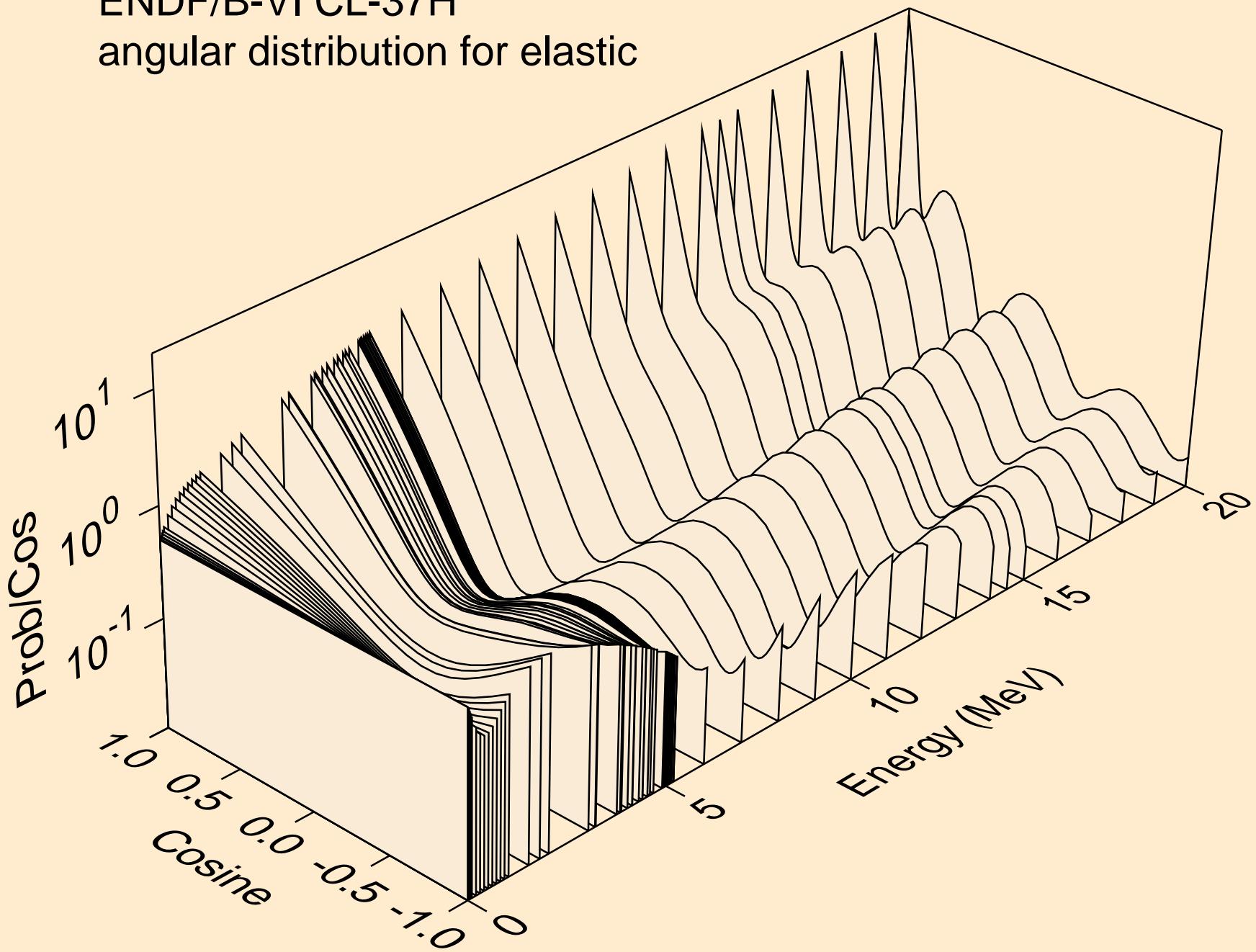


# ENDF/B-VI CL-37H

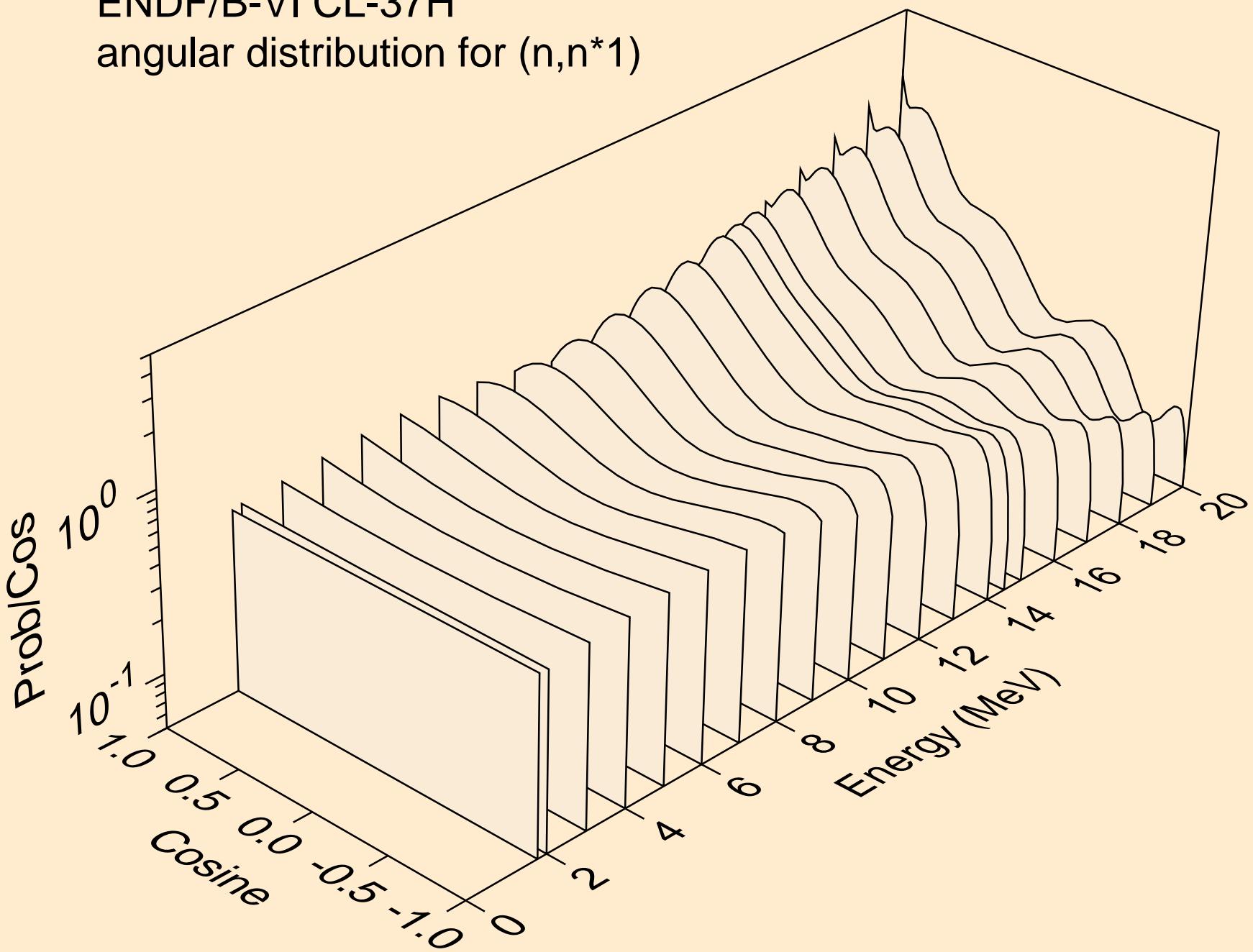
## Threshold reactions



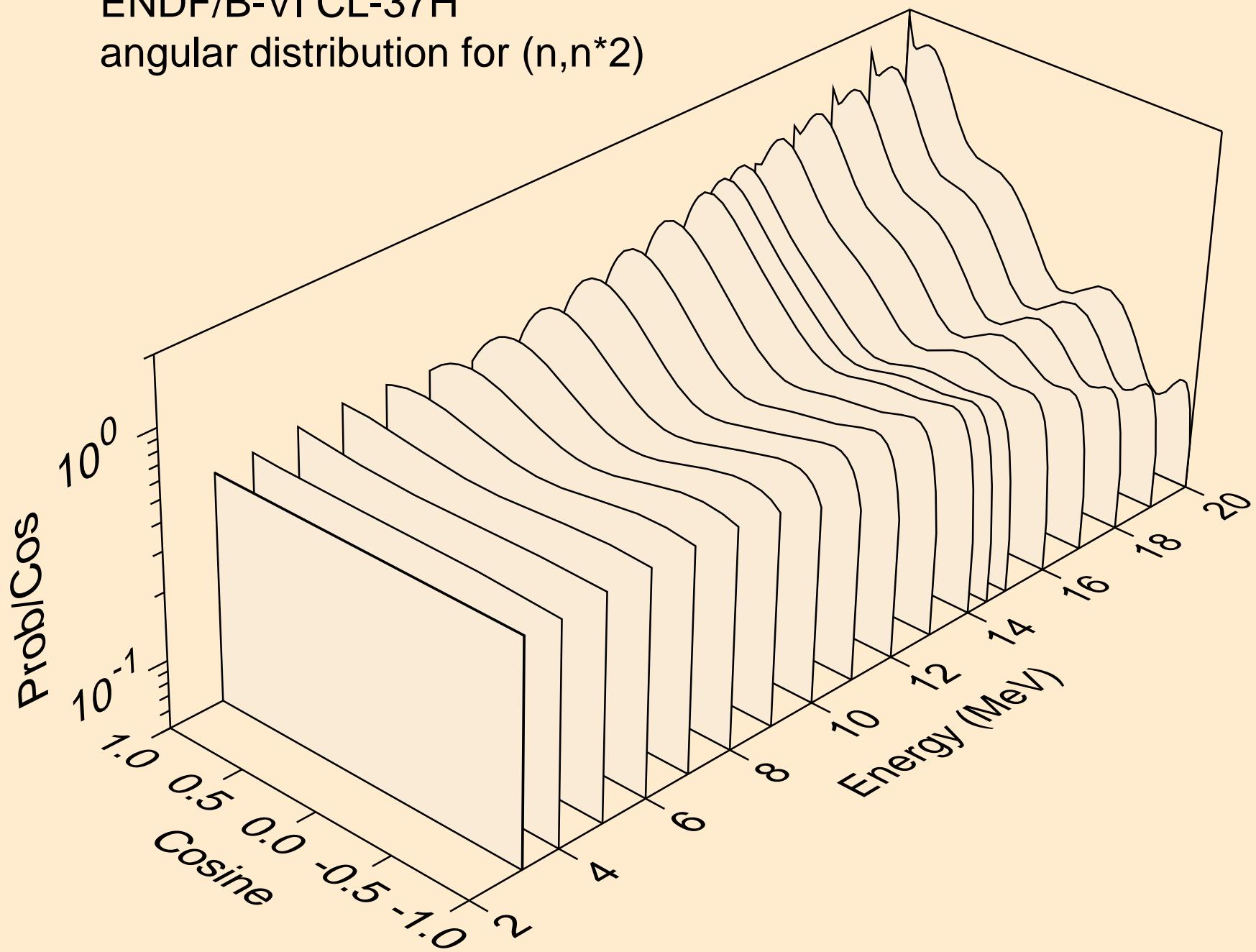
ENDF/B-VI CL-37H  
angular distribution for elastic



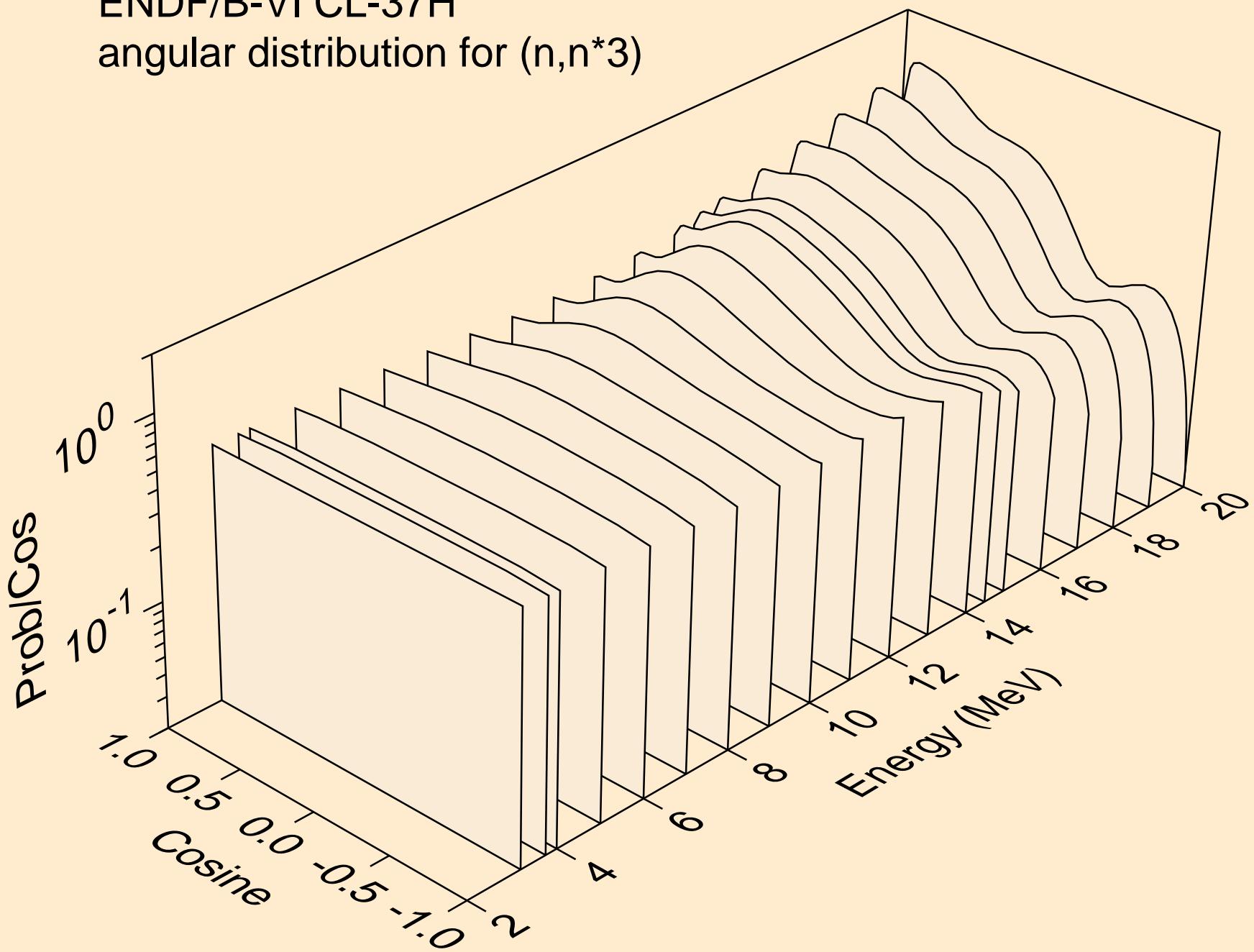
ENDF/B-VI CL-37H  
angular distribution for (n,n\*1)



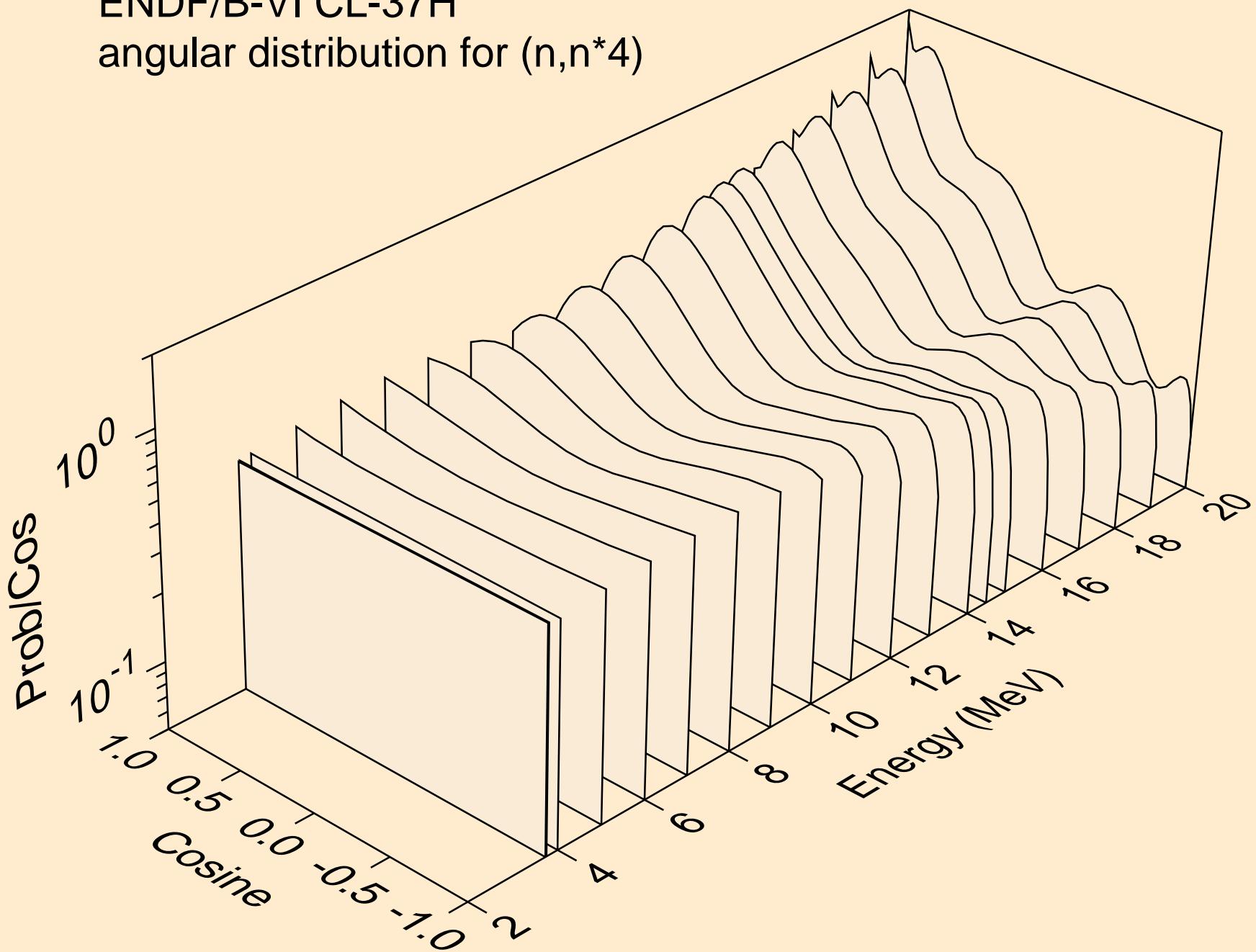
ENDF/B-VI CL-37H  
angular distribution for  $(n,n^*)^2$



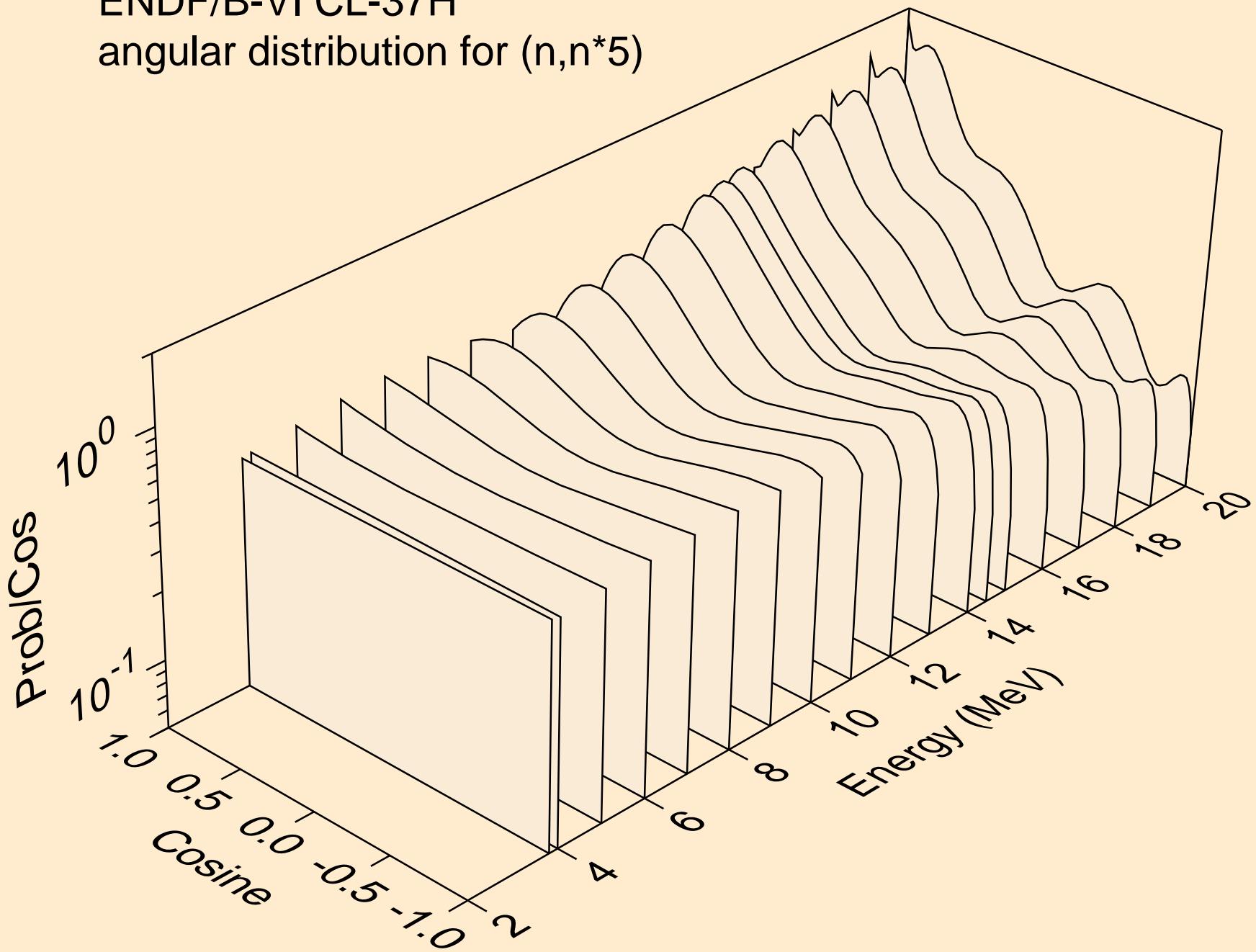
ENDF/B-VI CL-37H  
angular distribution for  $(n,n^*3)$



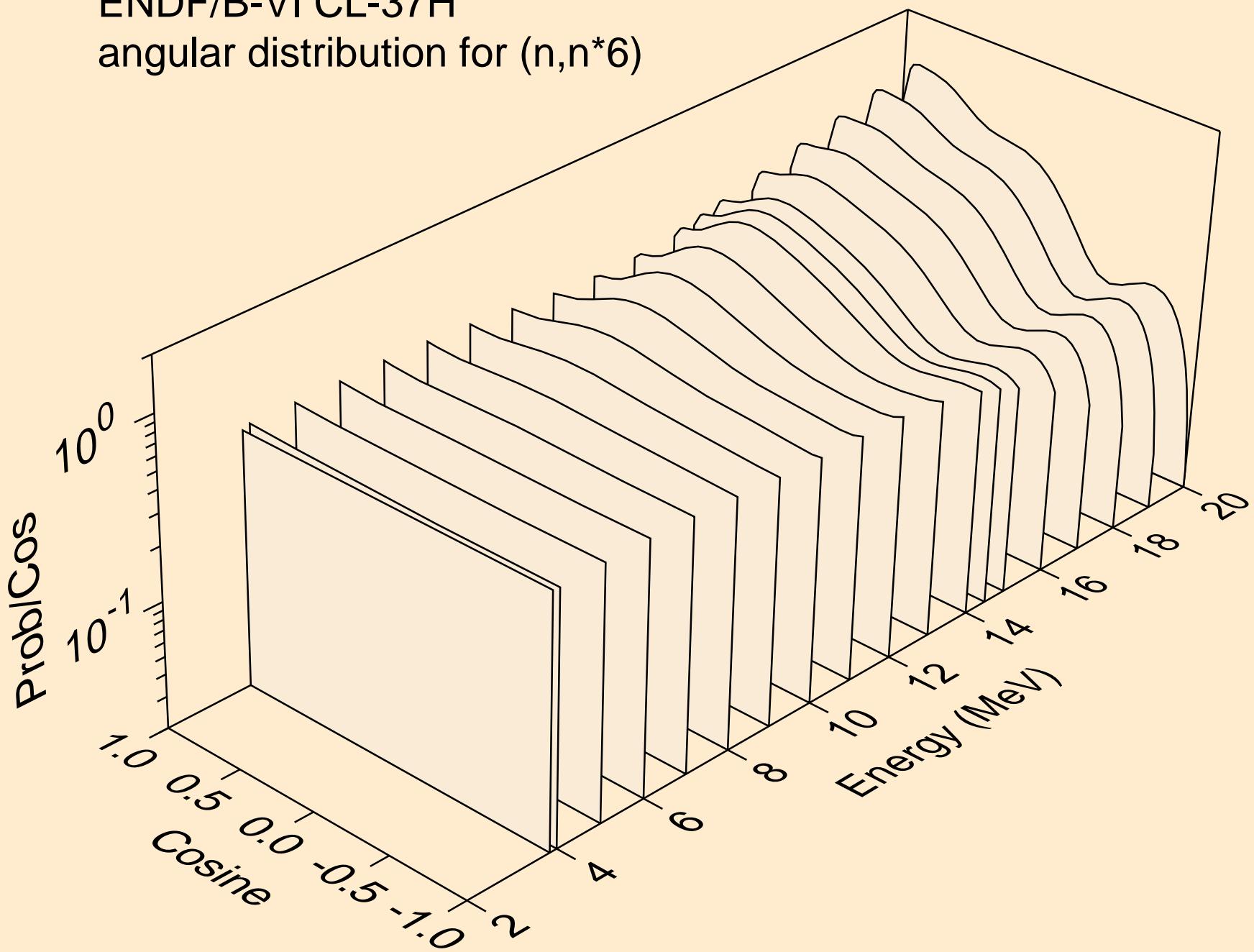
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angular distribution for  $(n,n^*4)$



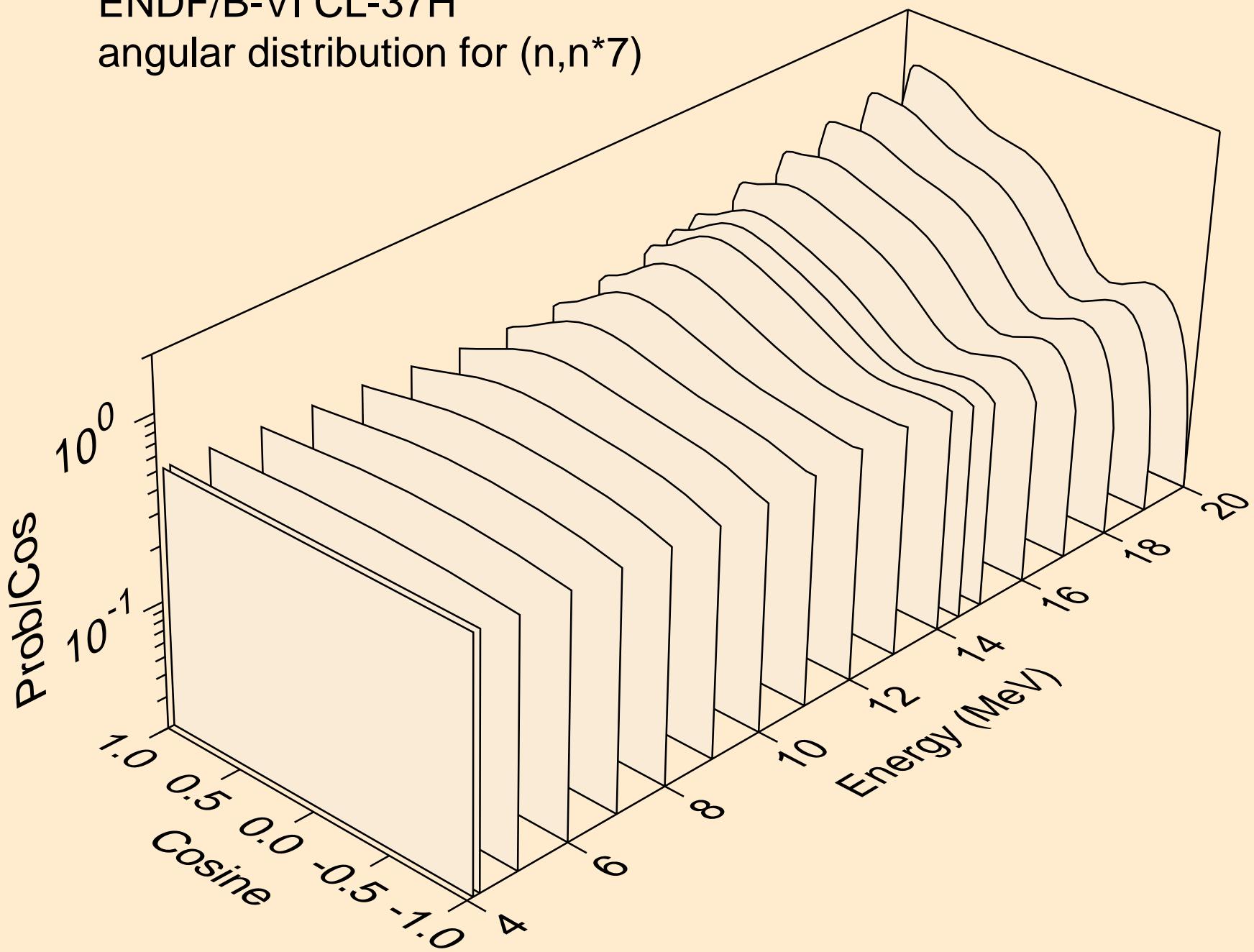
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angular distribution for  $(n,n^*5)$



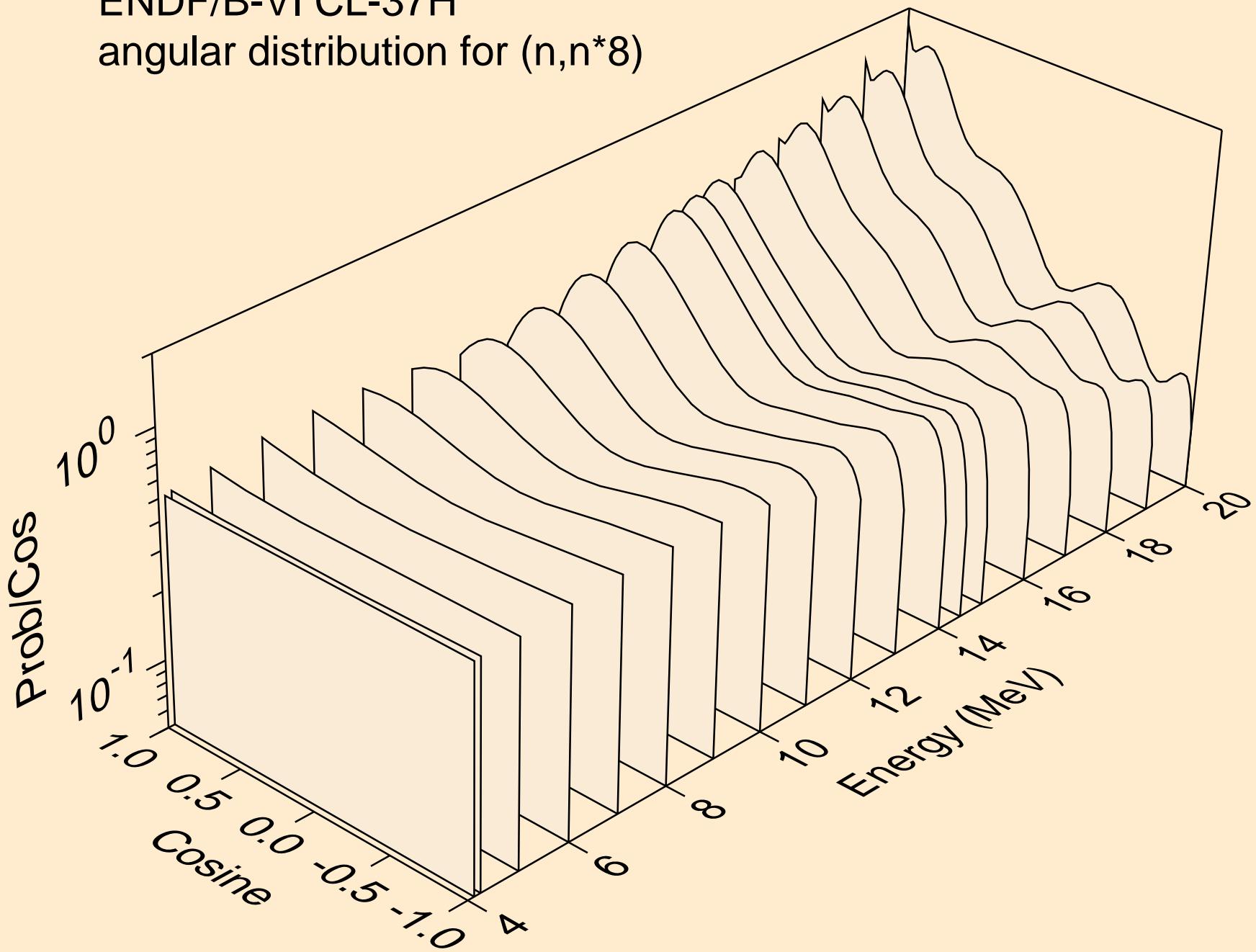
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angular distribution for  $(n,n^*6)$



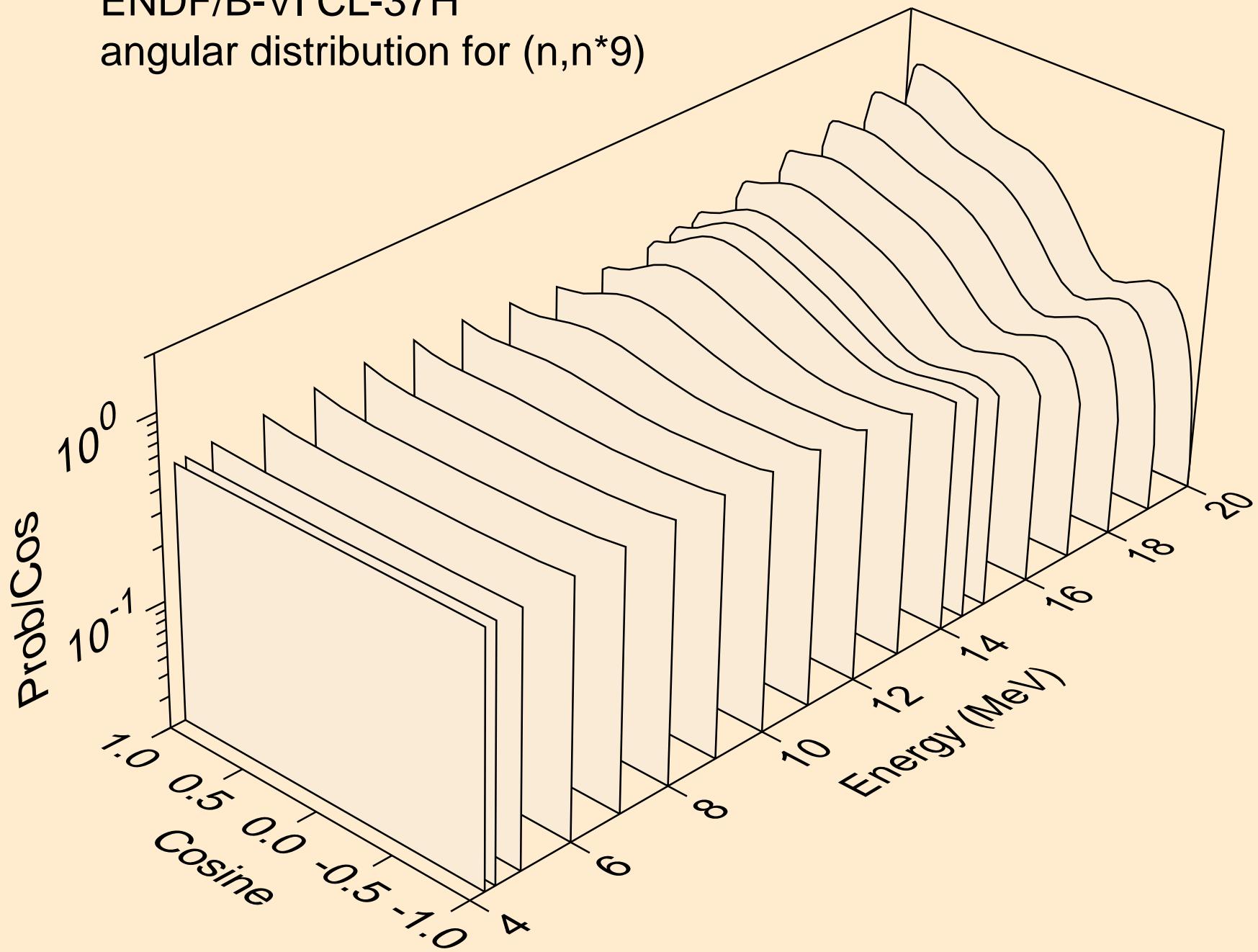
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angular distribution for  $(n,n^*7)$



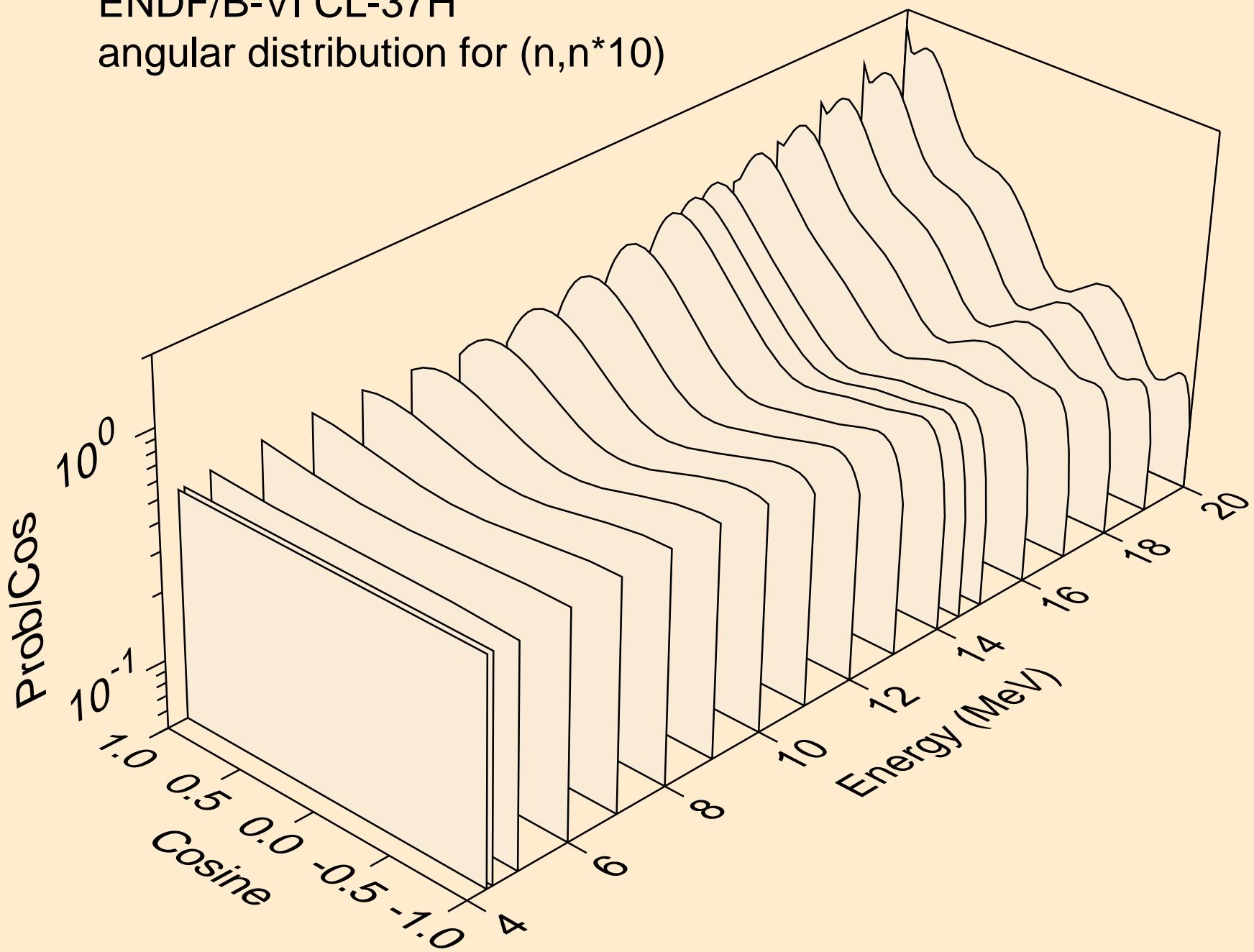
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angular distribution for  $(n,n^*8)$



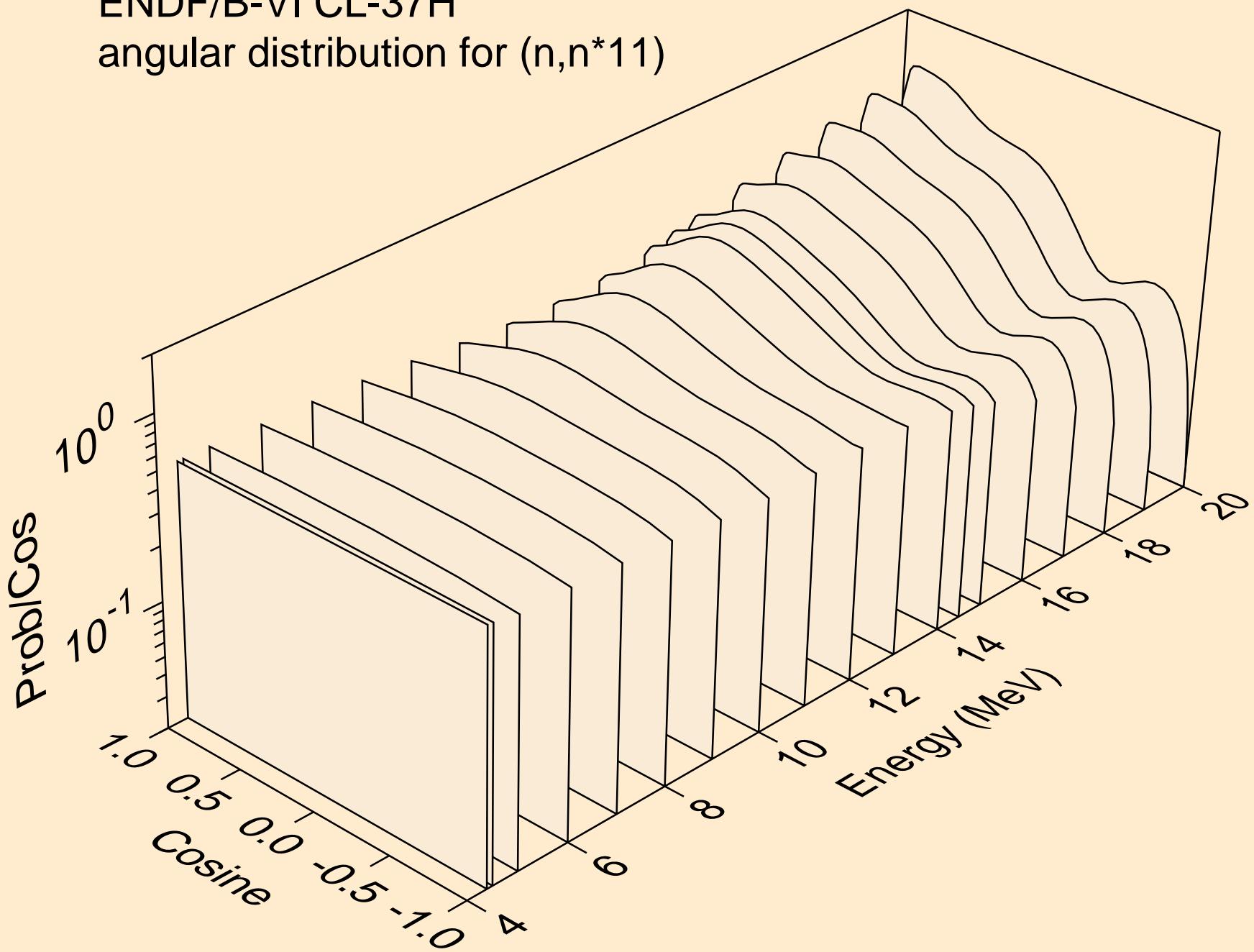
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angular distribution for  $(n,n^*9)$



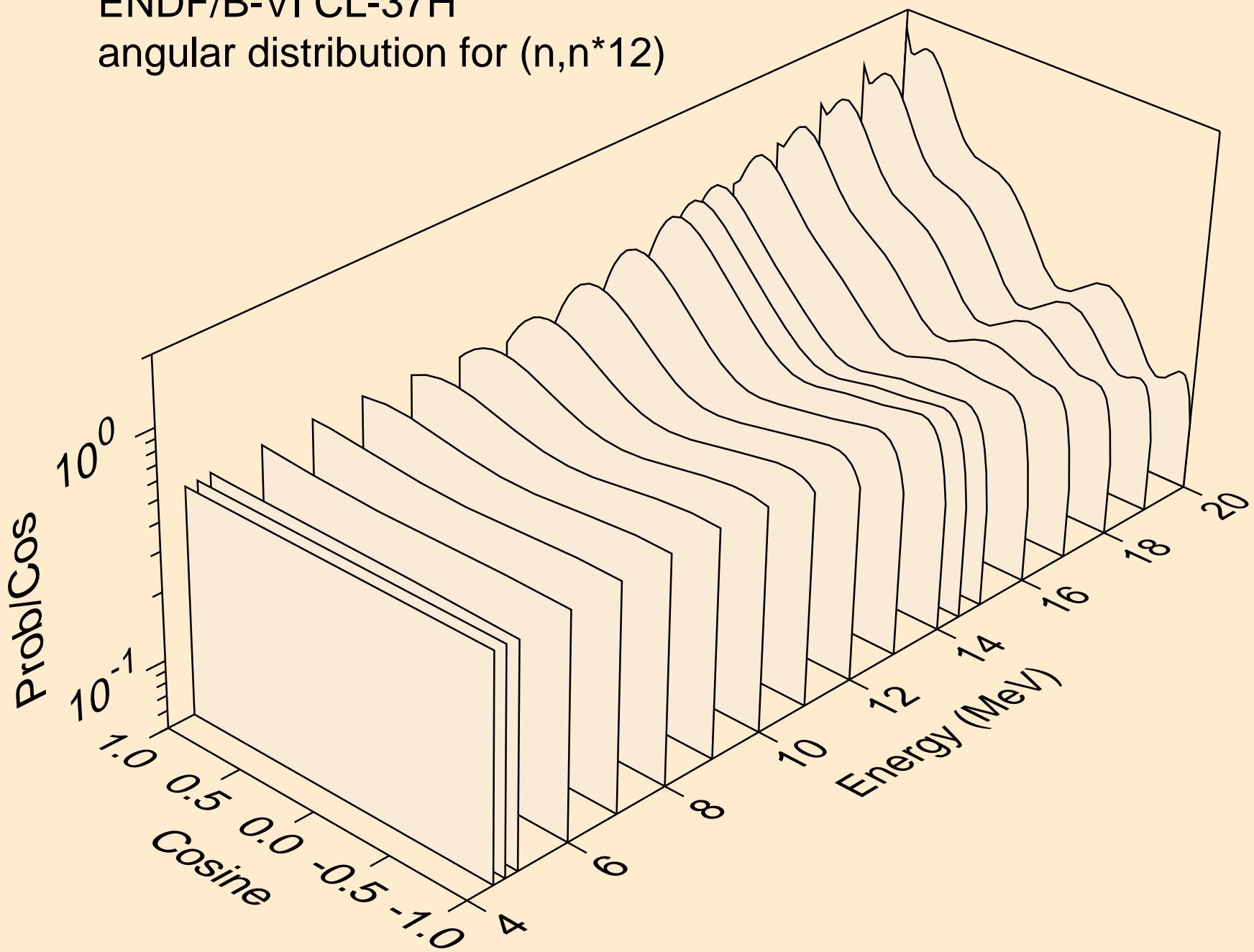
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angular distribution for (n,n\*10)



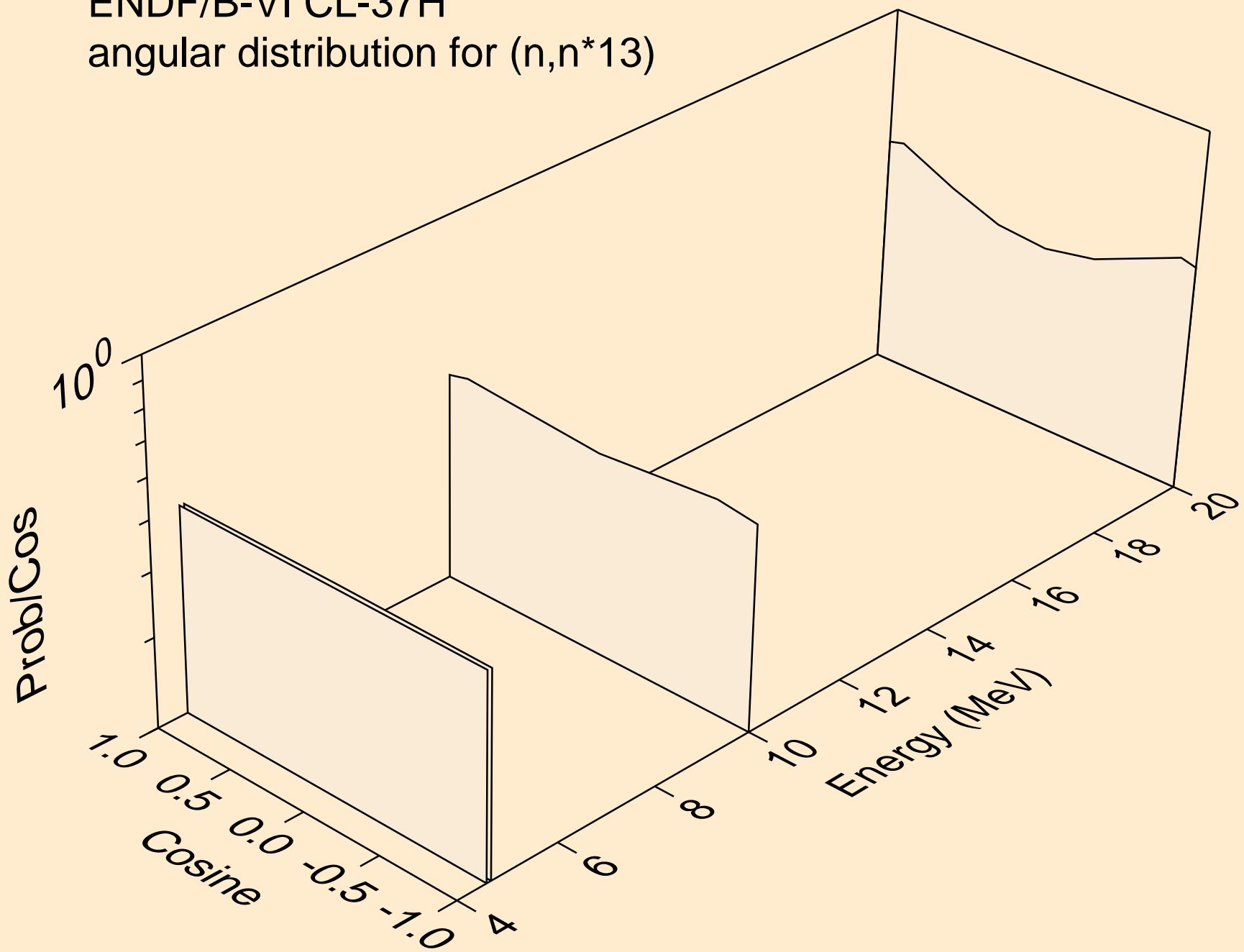
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angular distribution for (n,n\*11)



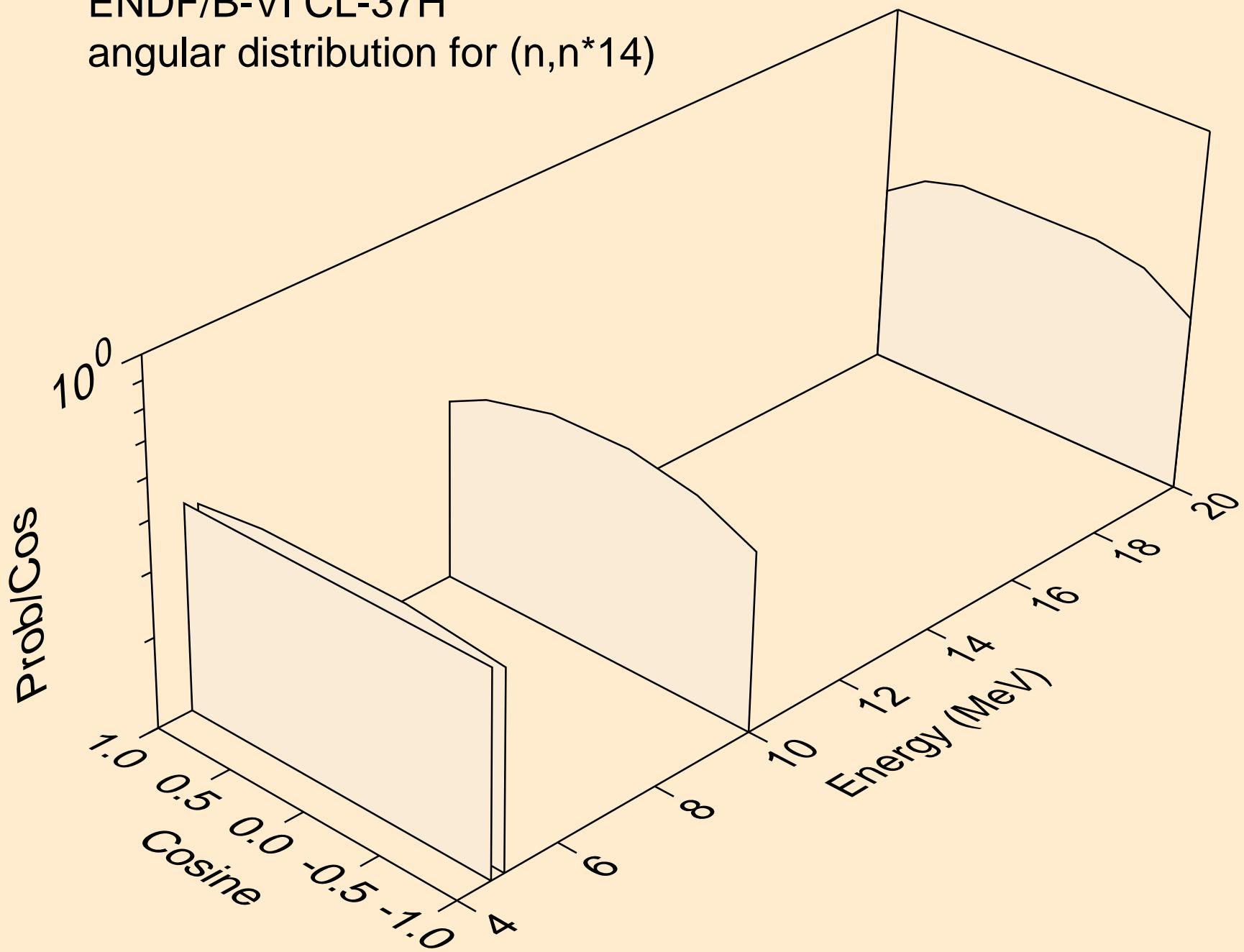
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angular distribution for  $(n,n^*12)$



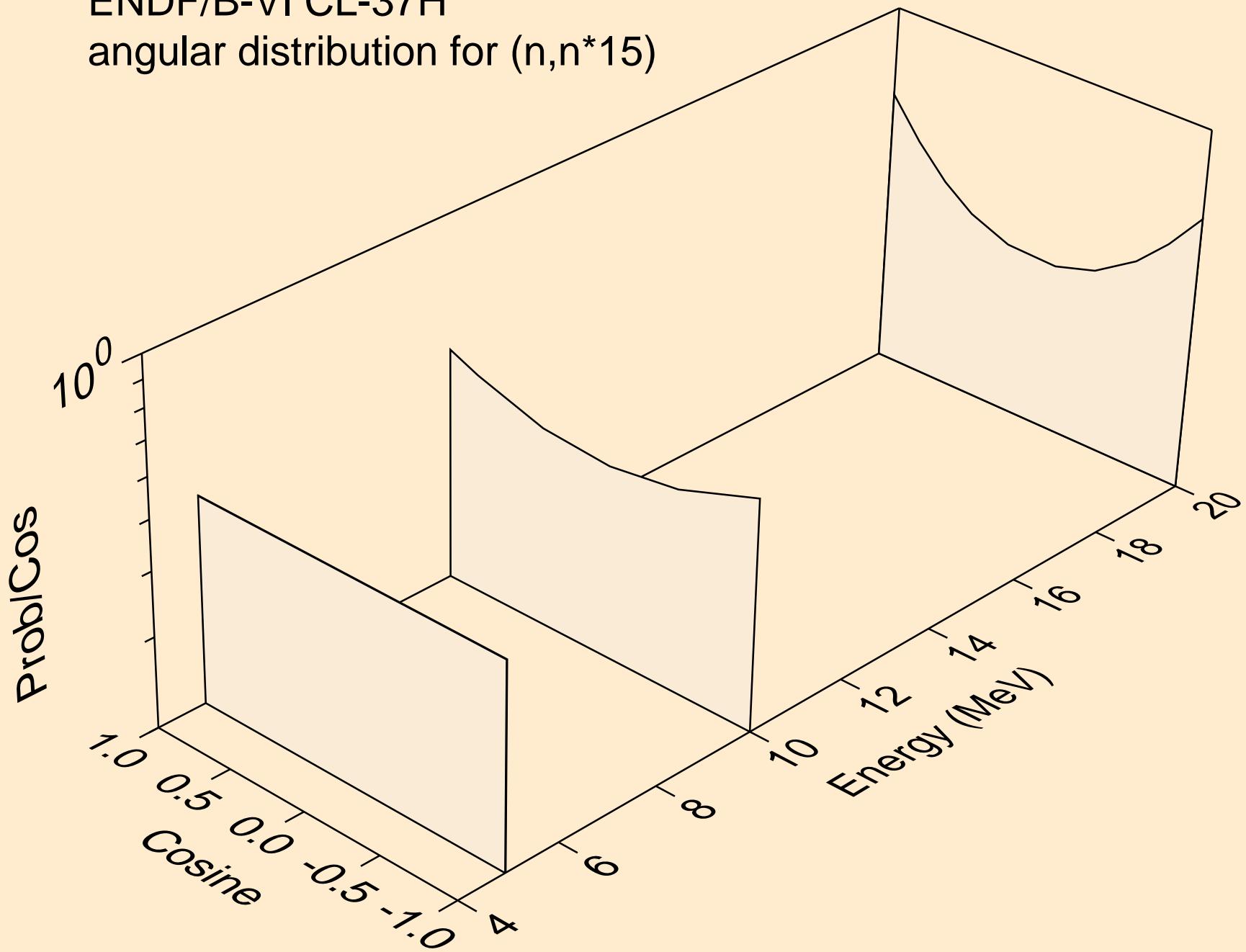
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angular distribution for (n,n\*13)



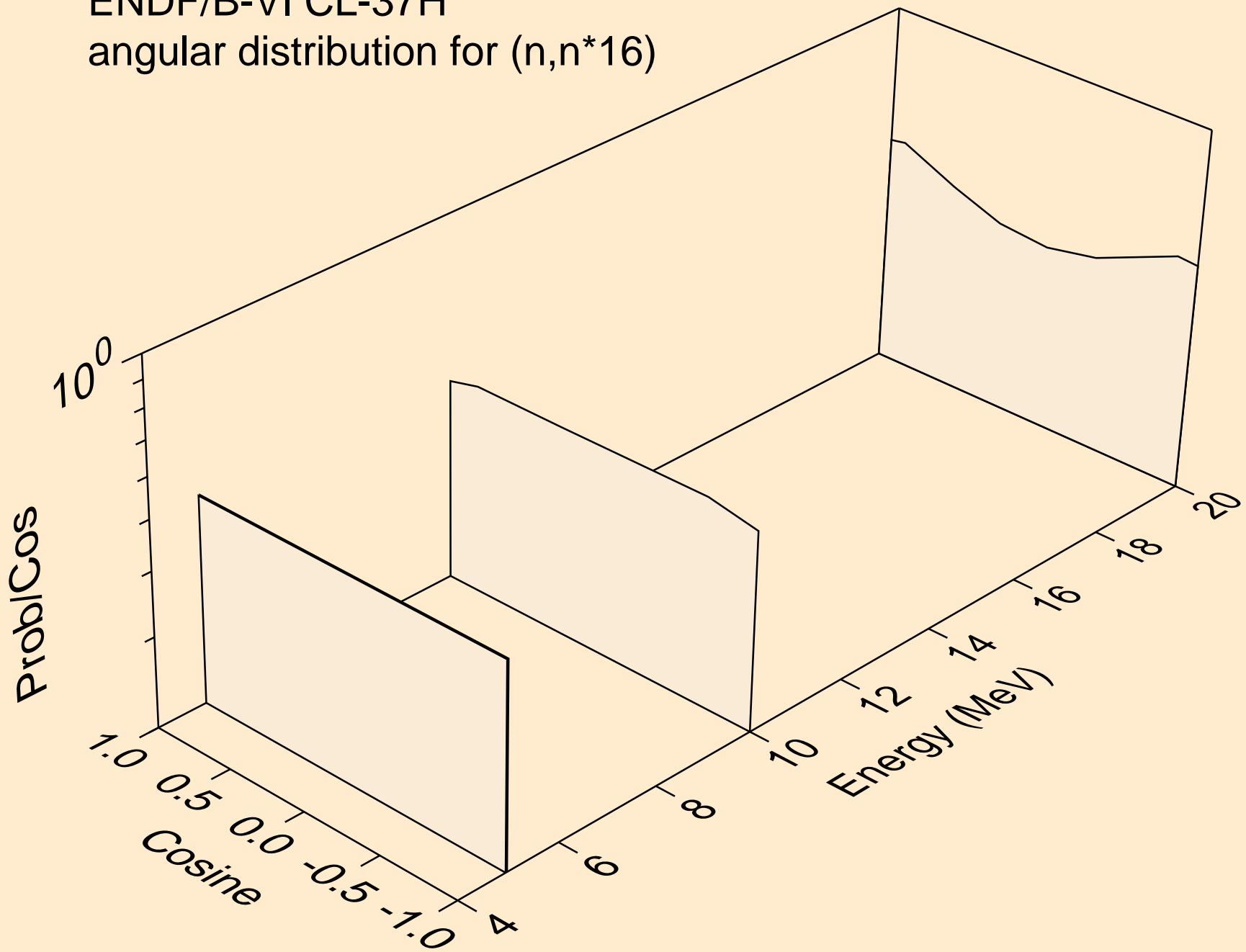
ENDF/B-VI CL-37H  
angular distribution for (n,n\*14)



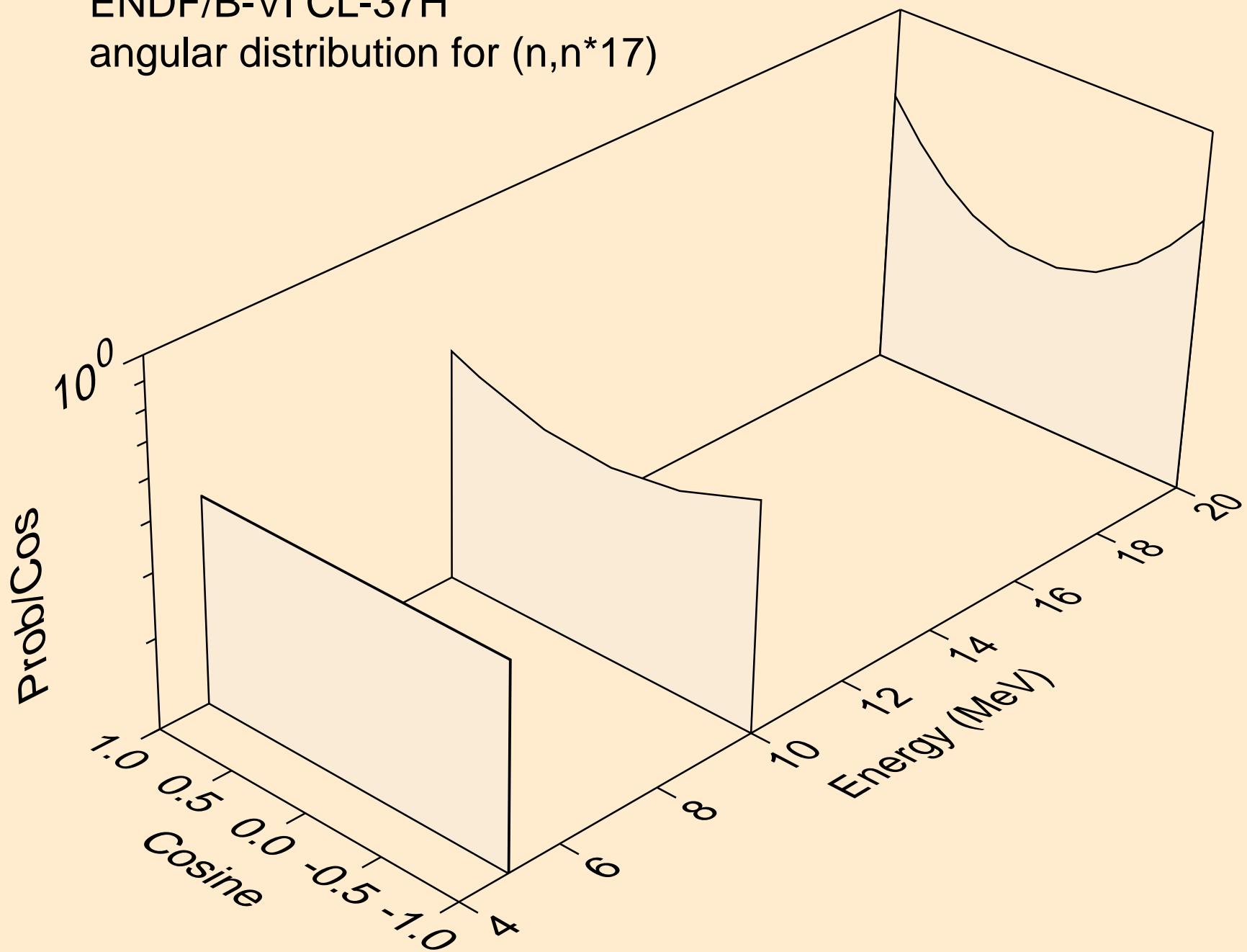
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angular distribution for (n,n\*15)



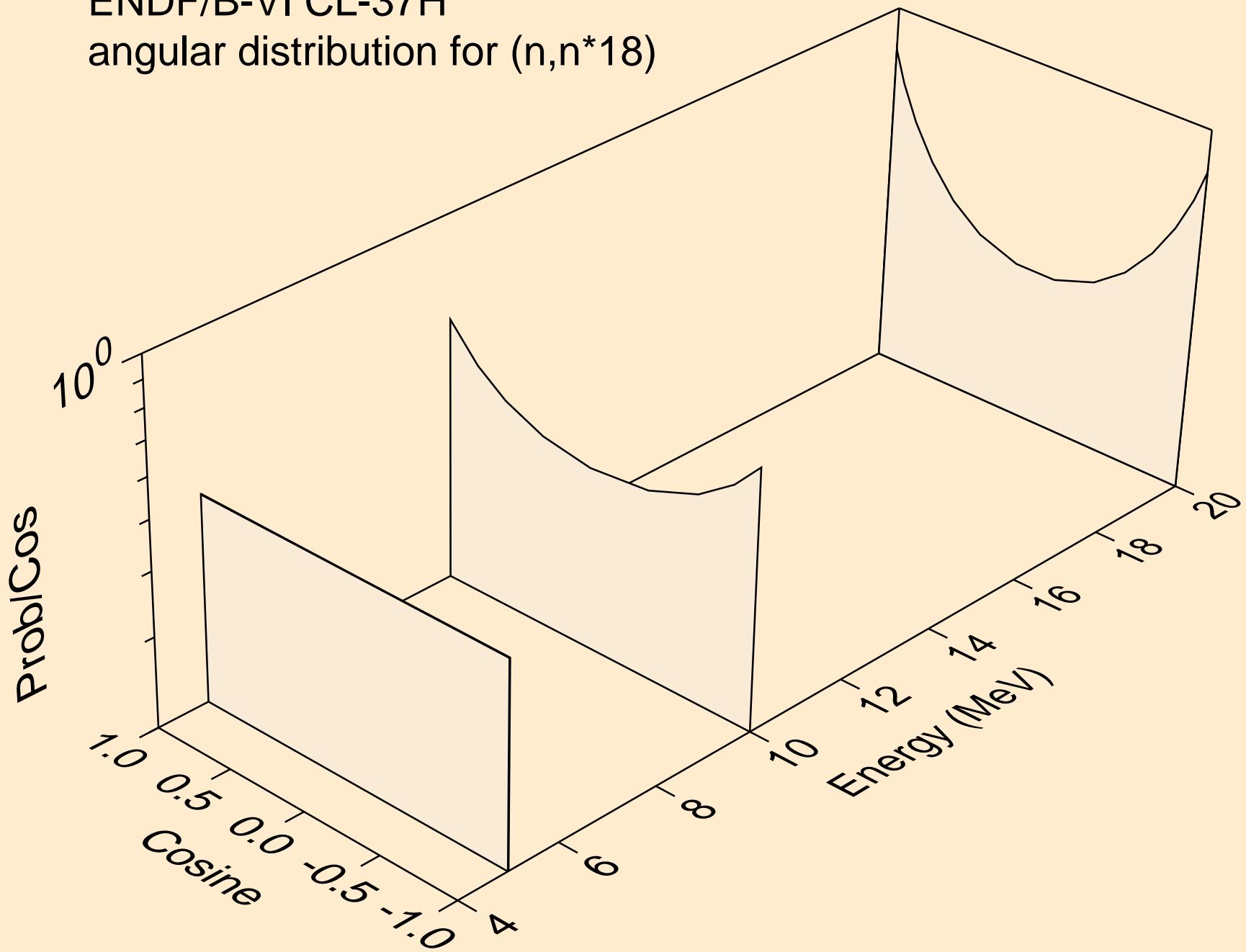
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angular distribution for (n,n\*16)



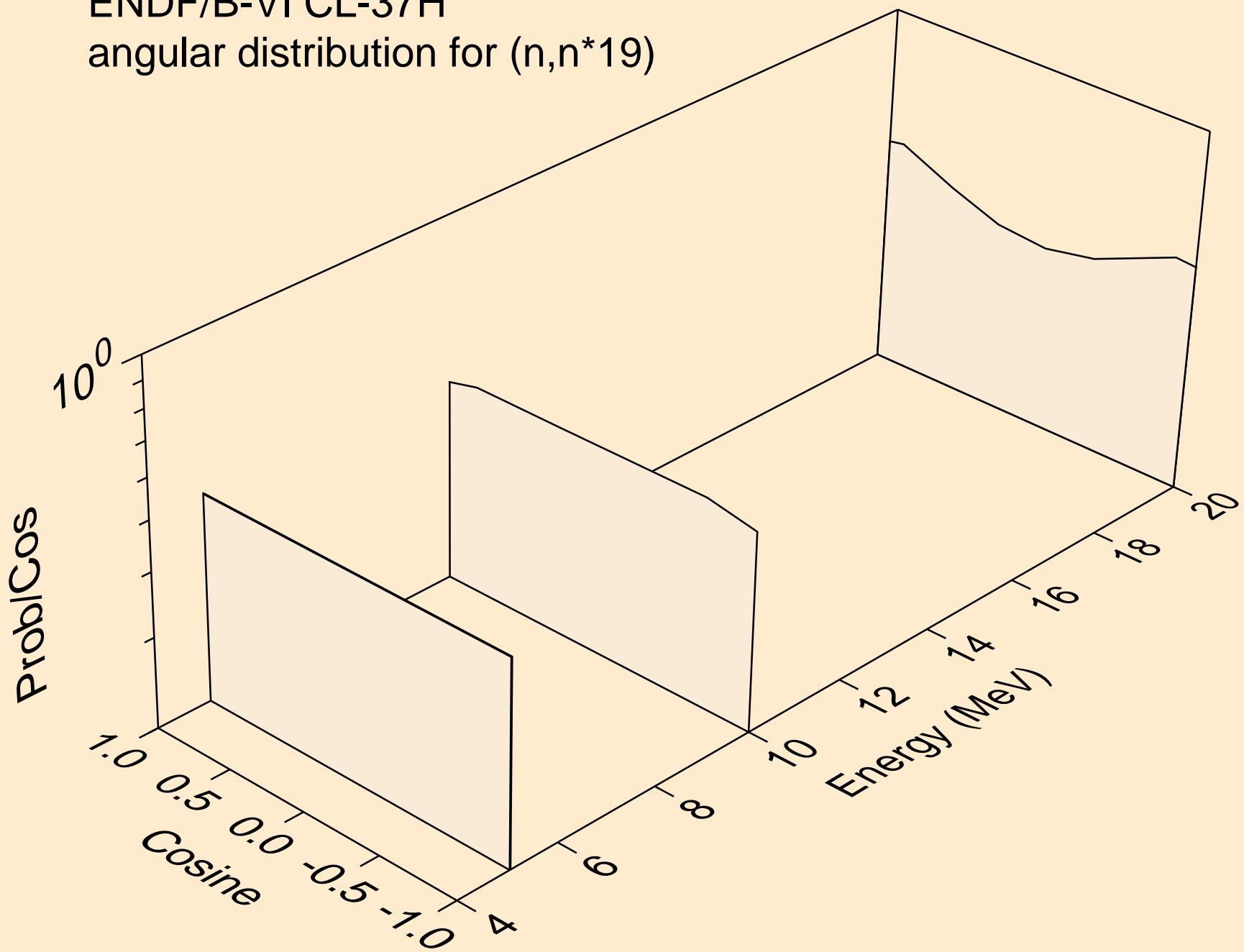
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angular distribution for (n,n\*17)



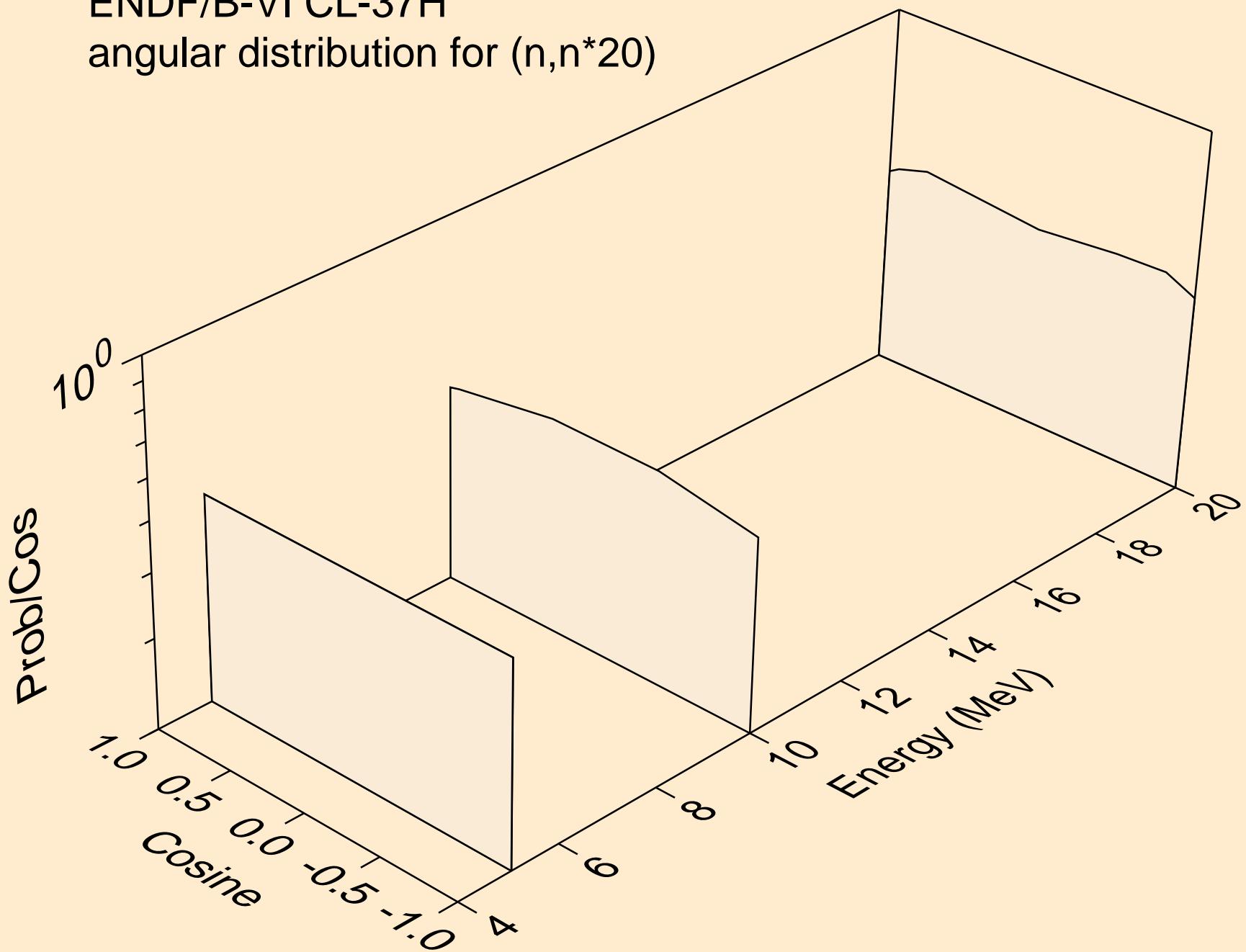
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angular distribution for (n,n\*18)



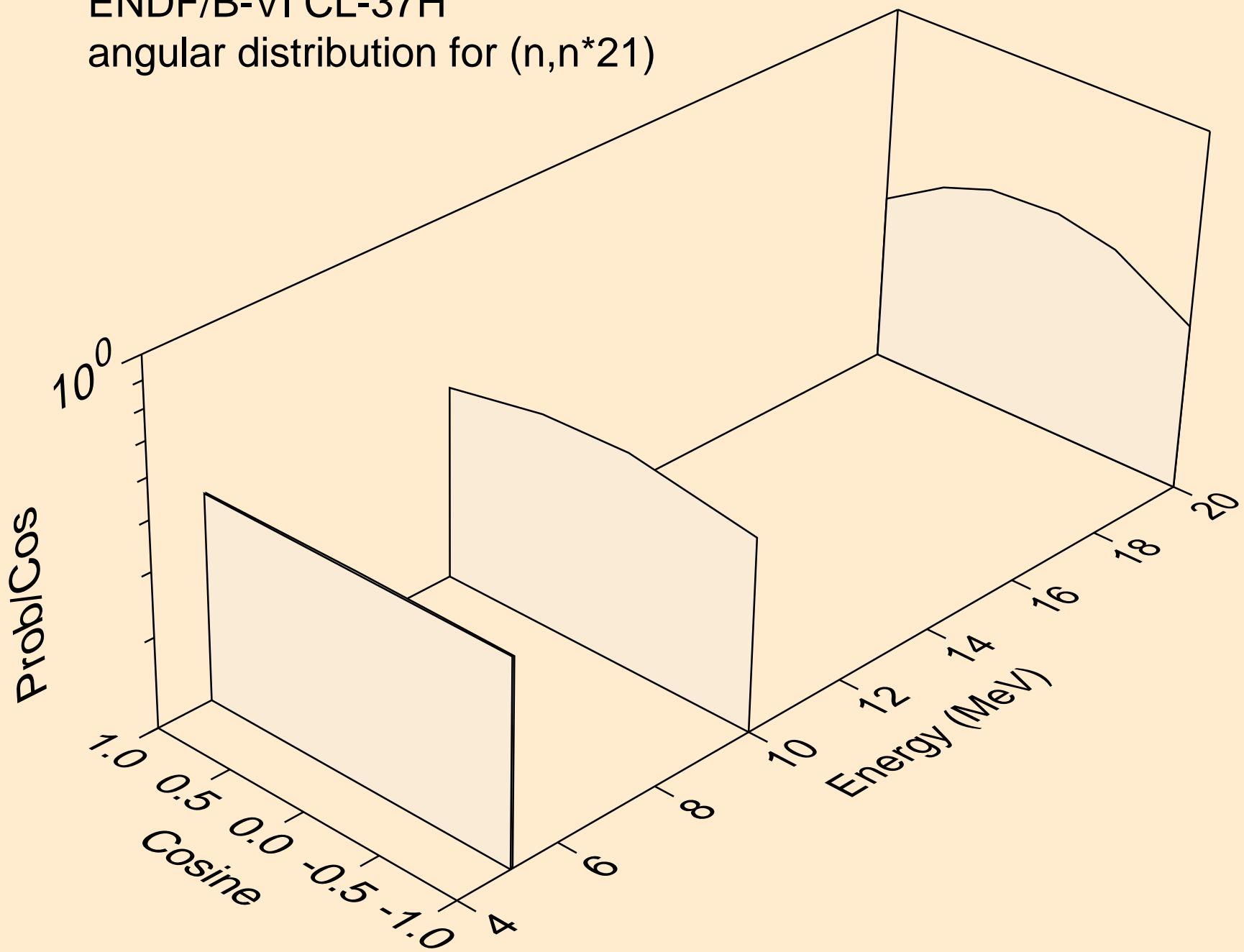
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angular distribution for (n,n\*19)



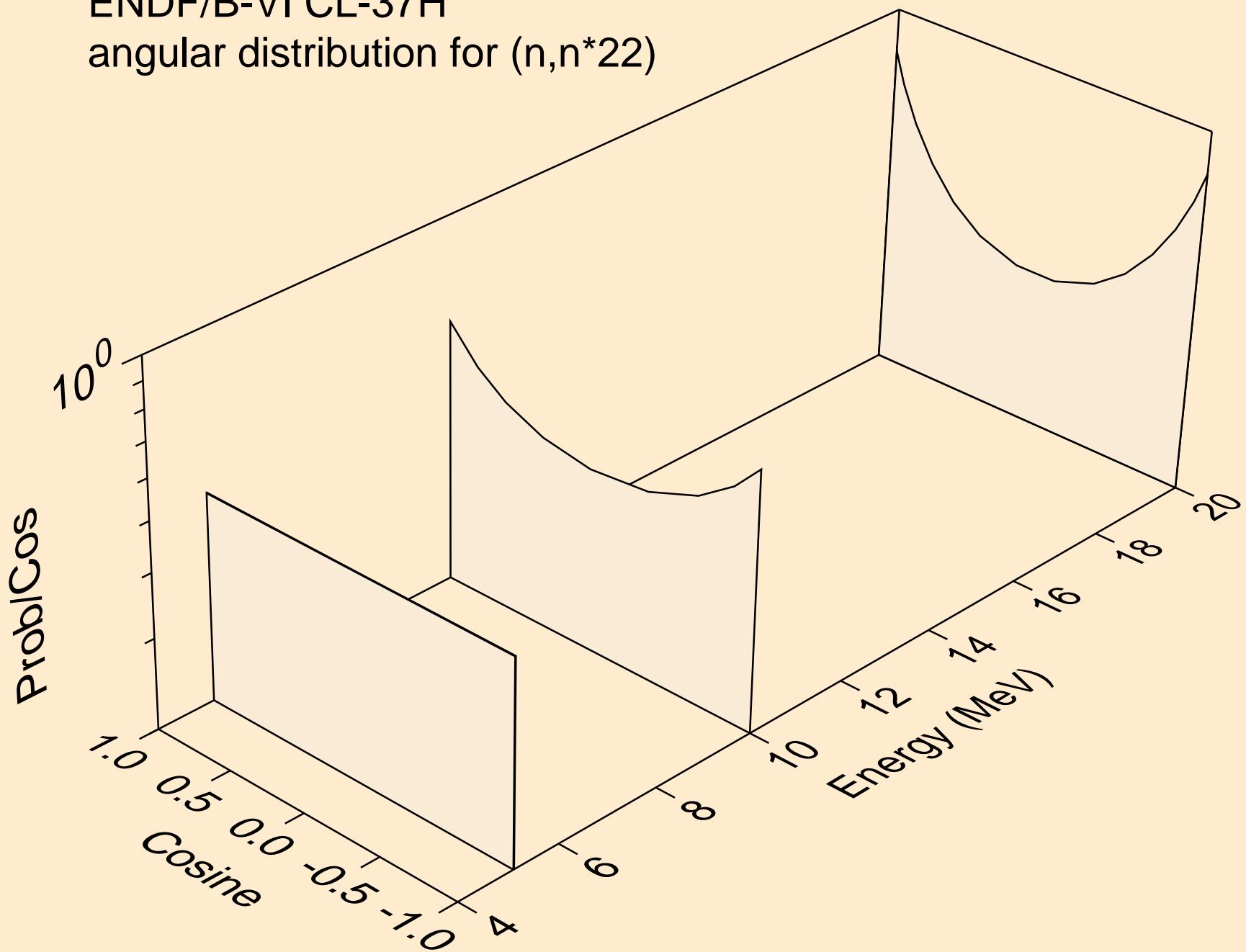
ENDF/B-VI CL-37H  
angular distribution for (n,n\*20)



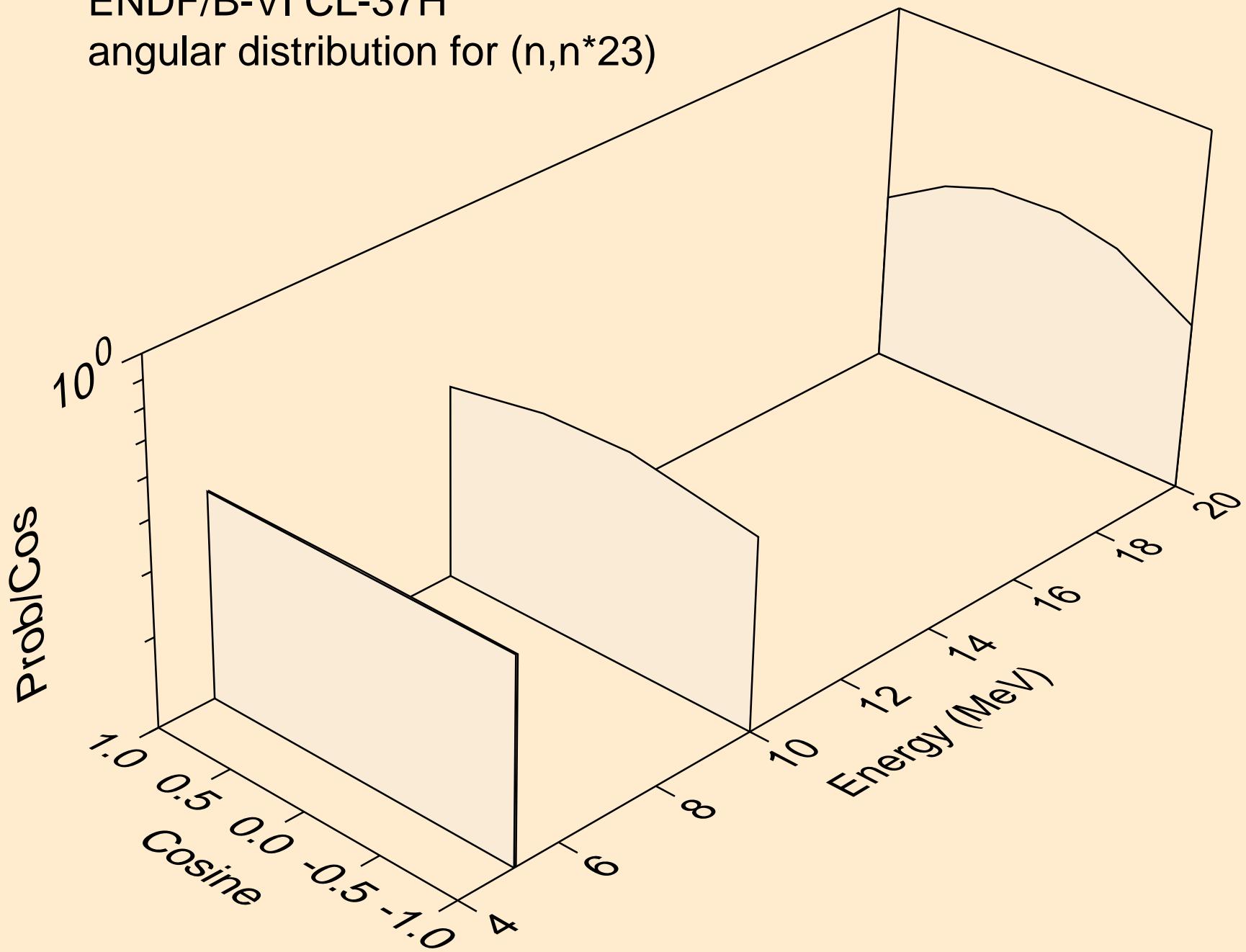
ENDF/B-VI CL-37H  
angular distribution for (n,n\*21)



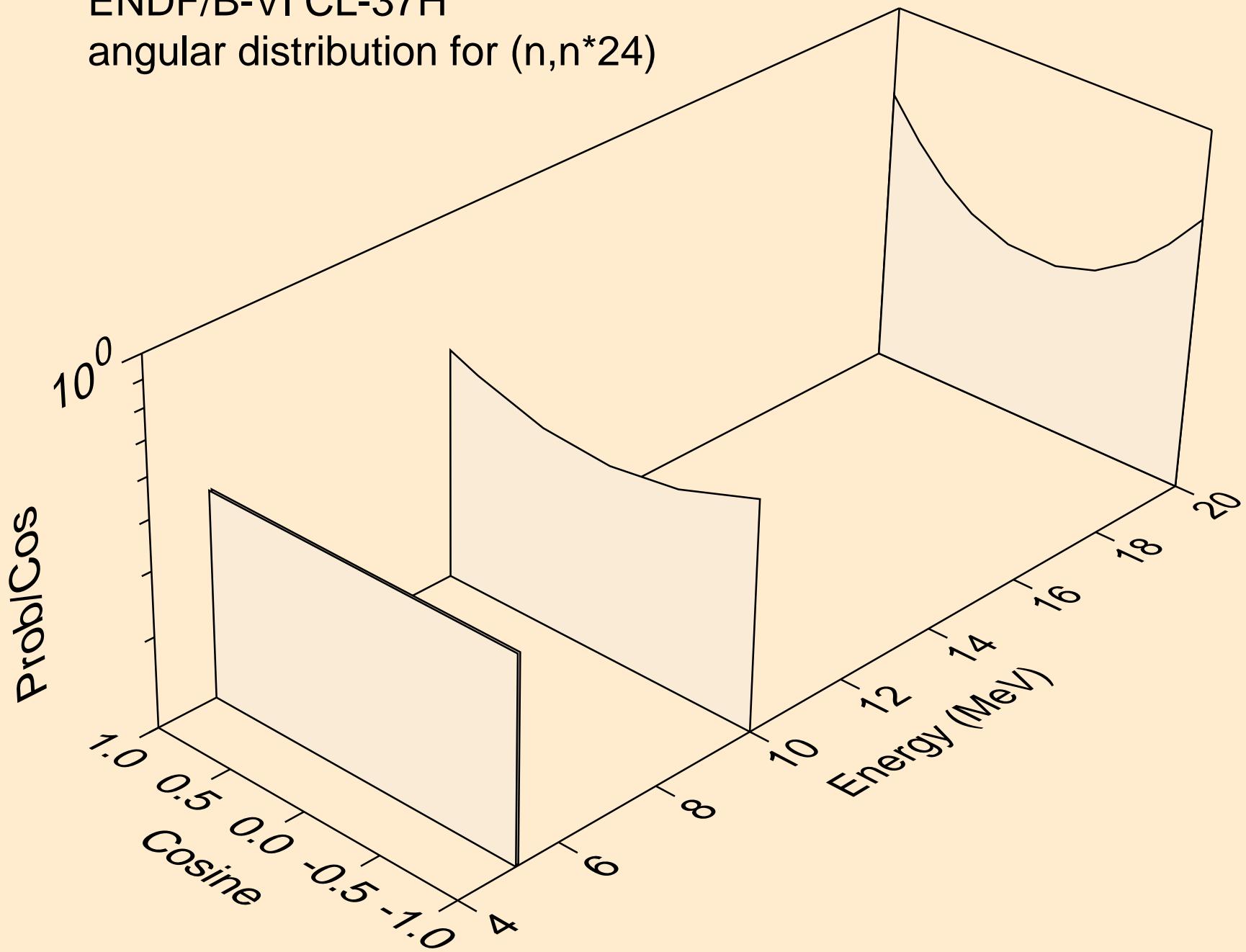
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angular distribution for (n,n\*22)



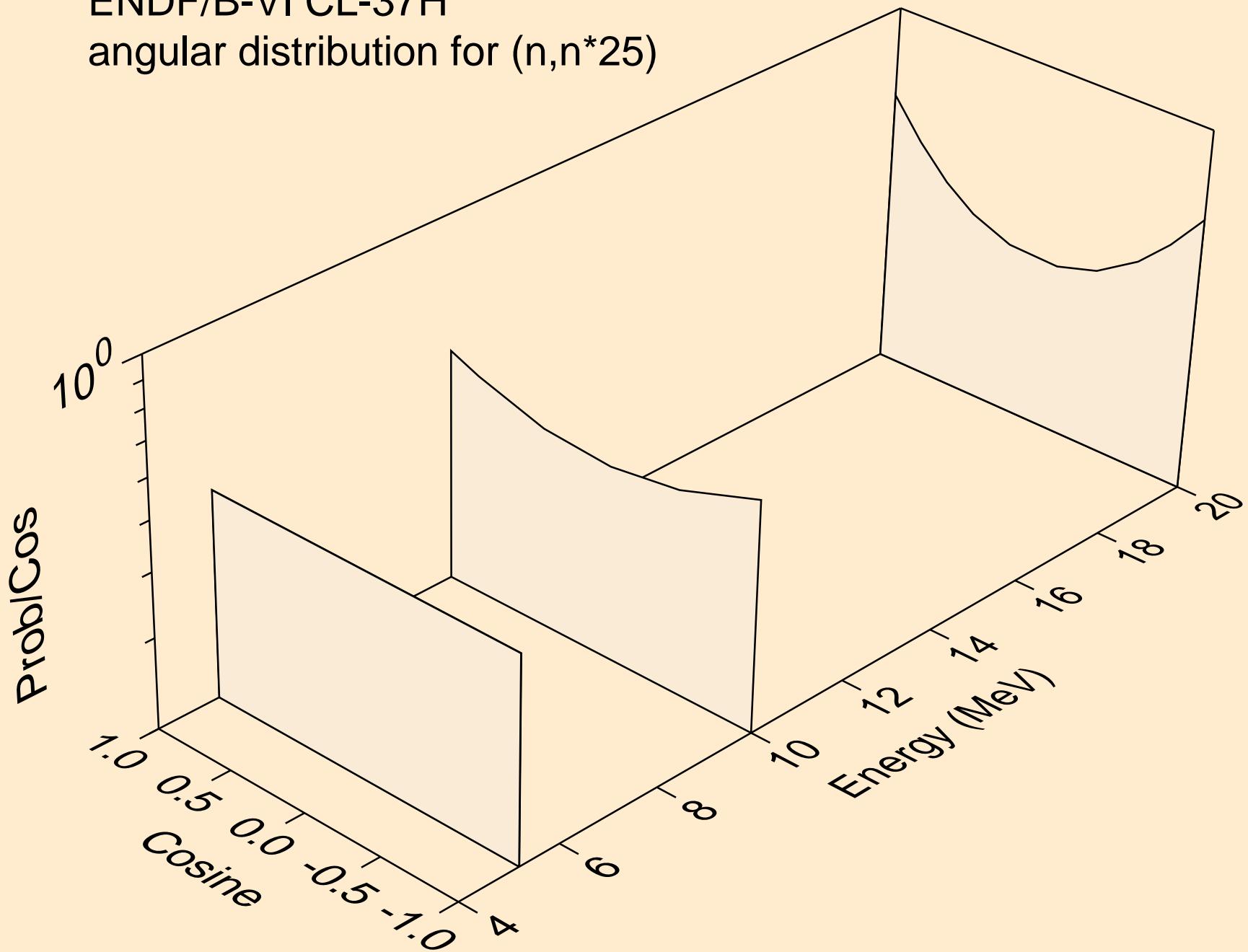
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angular distribution for (n,n\*23)



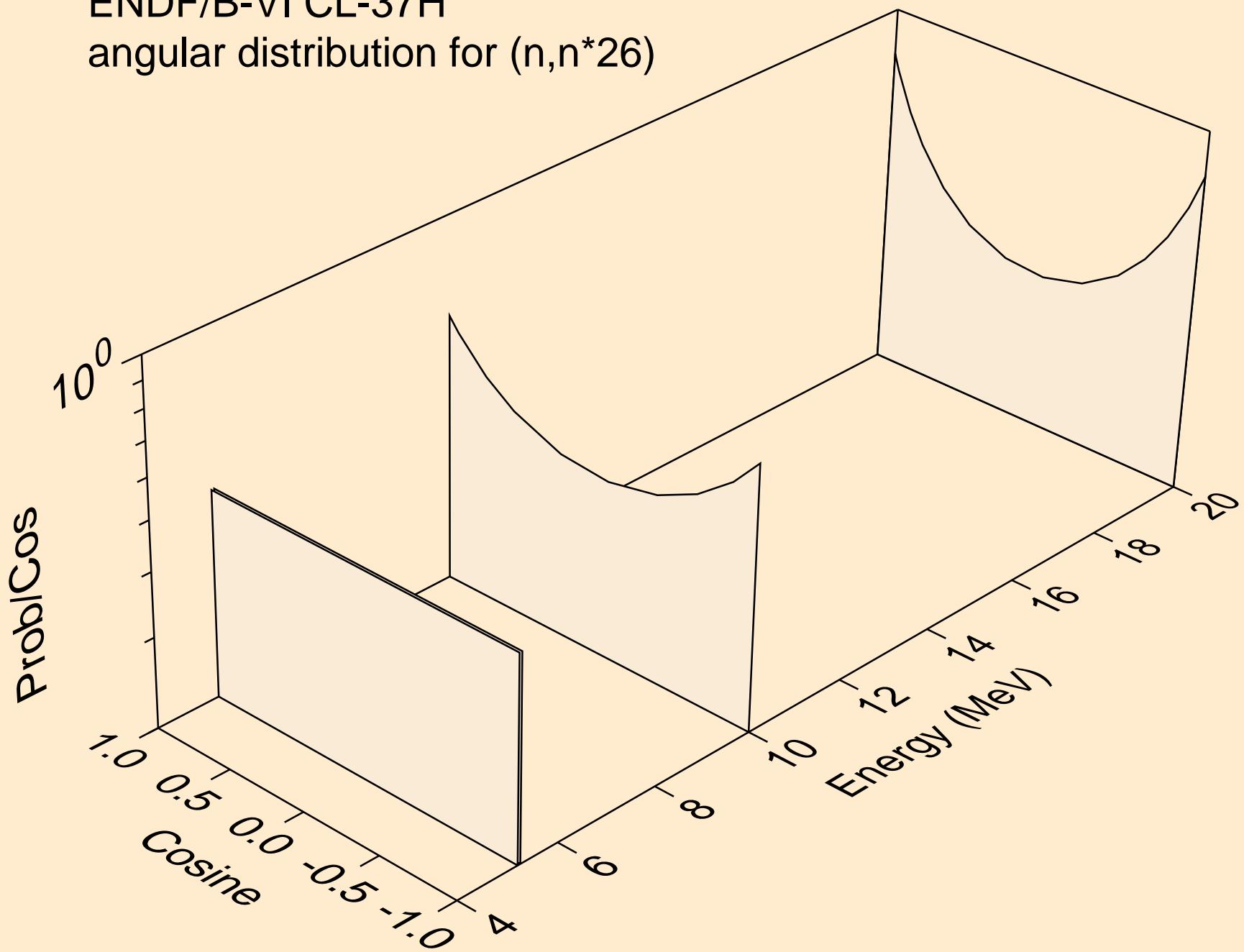
ENDF/B-VI CL-37H  
angular distribution for (n,n\*24)



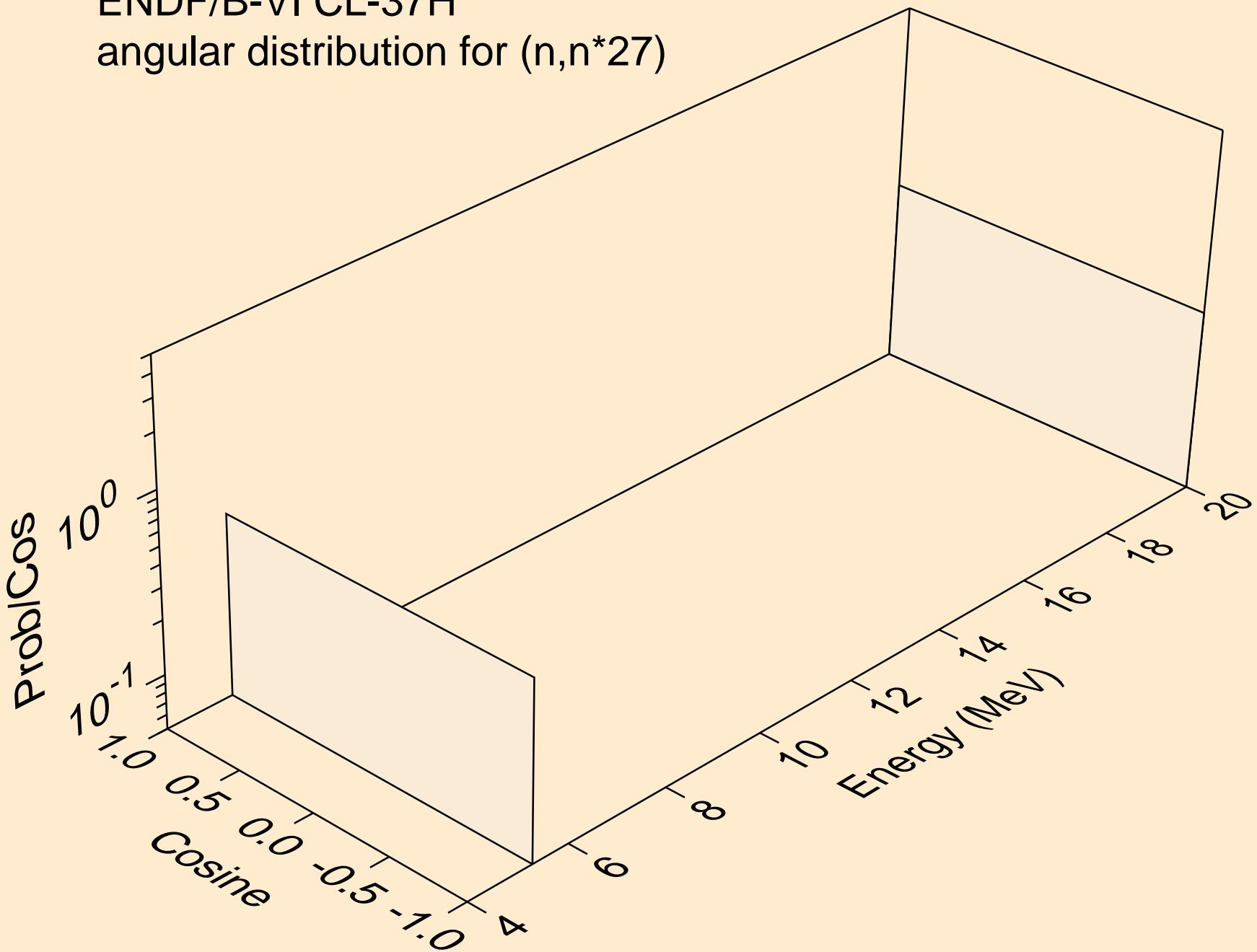
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angular distribution for (n,n\*25)



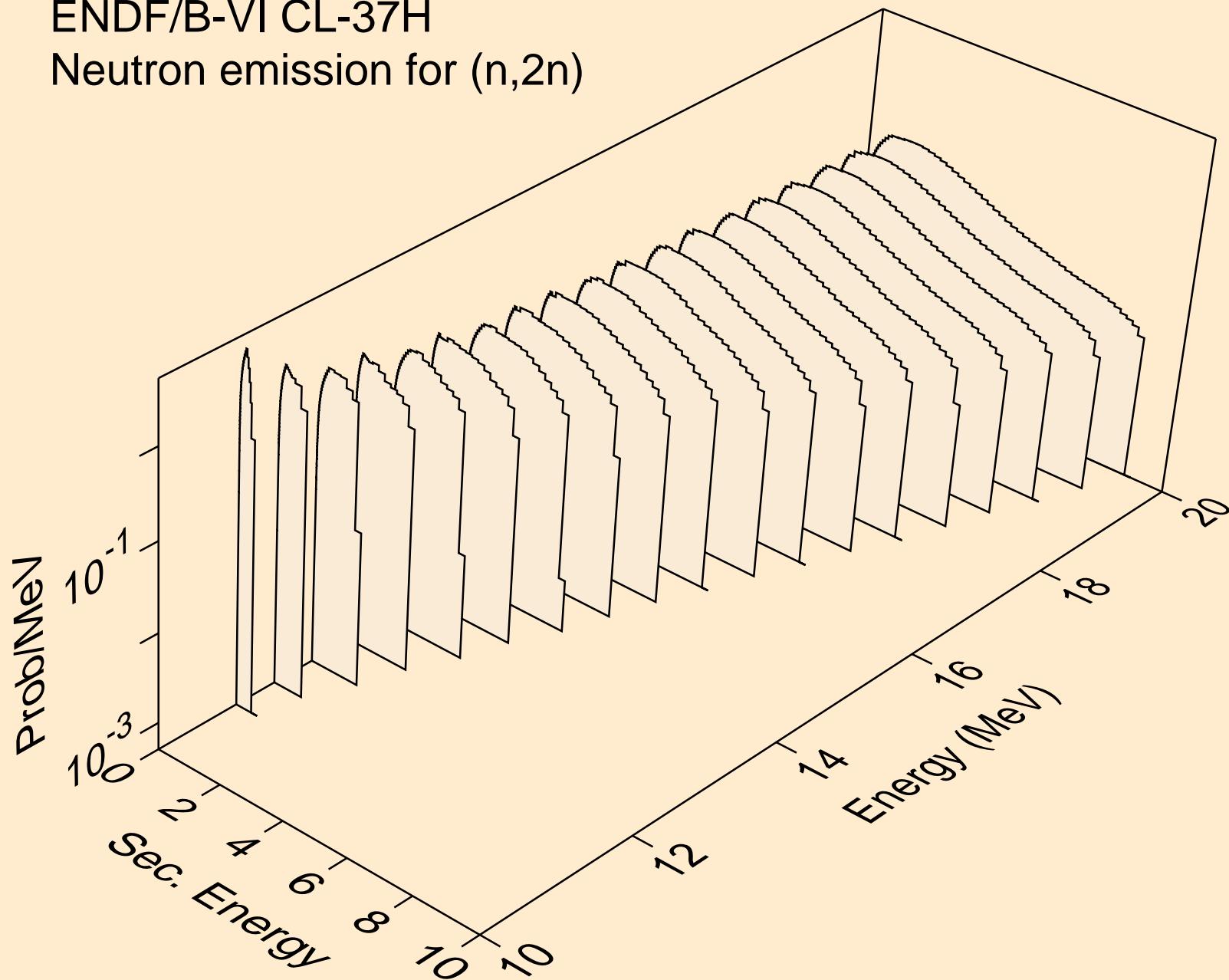
ENDF/B-VI CL-37H  
angular distribution for (n,n\*26)



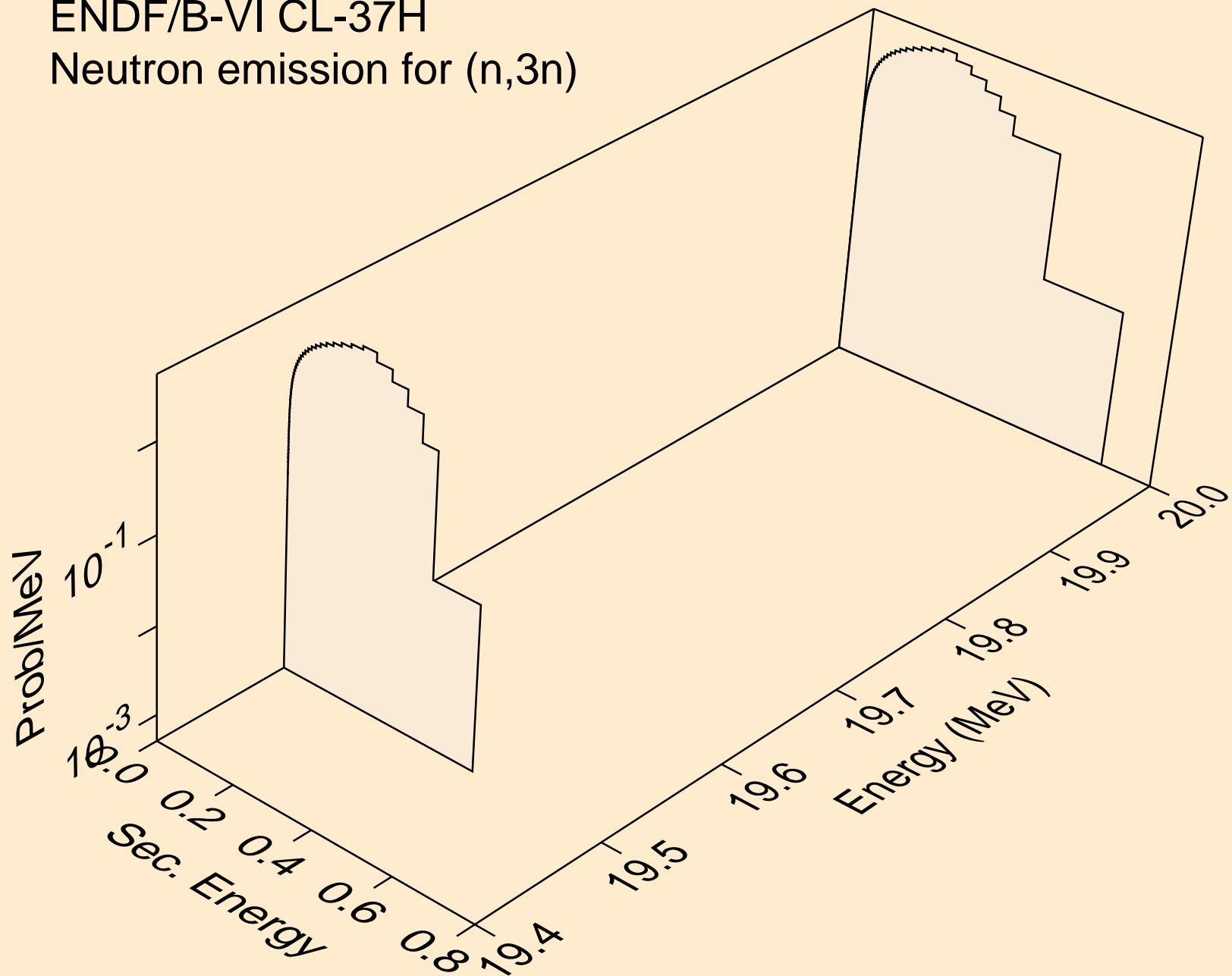
ENDF/B-VI CL-37H  
angular distribution for ( $n, n^* 27$ )



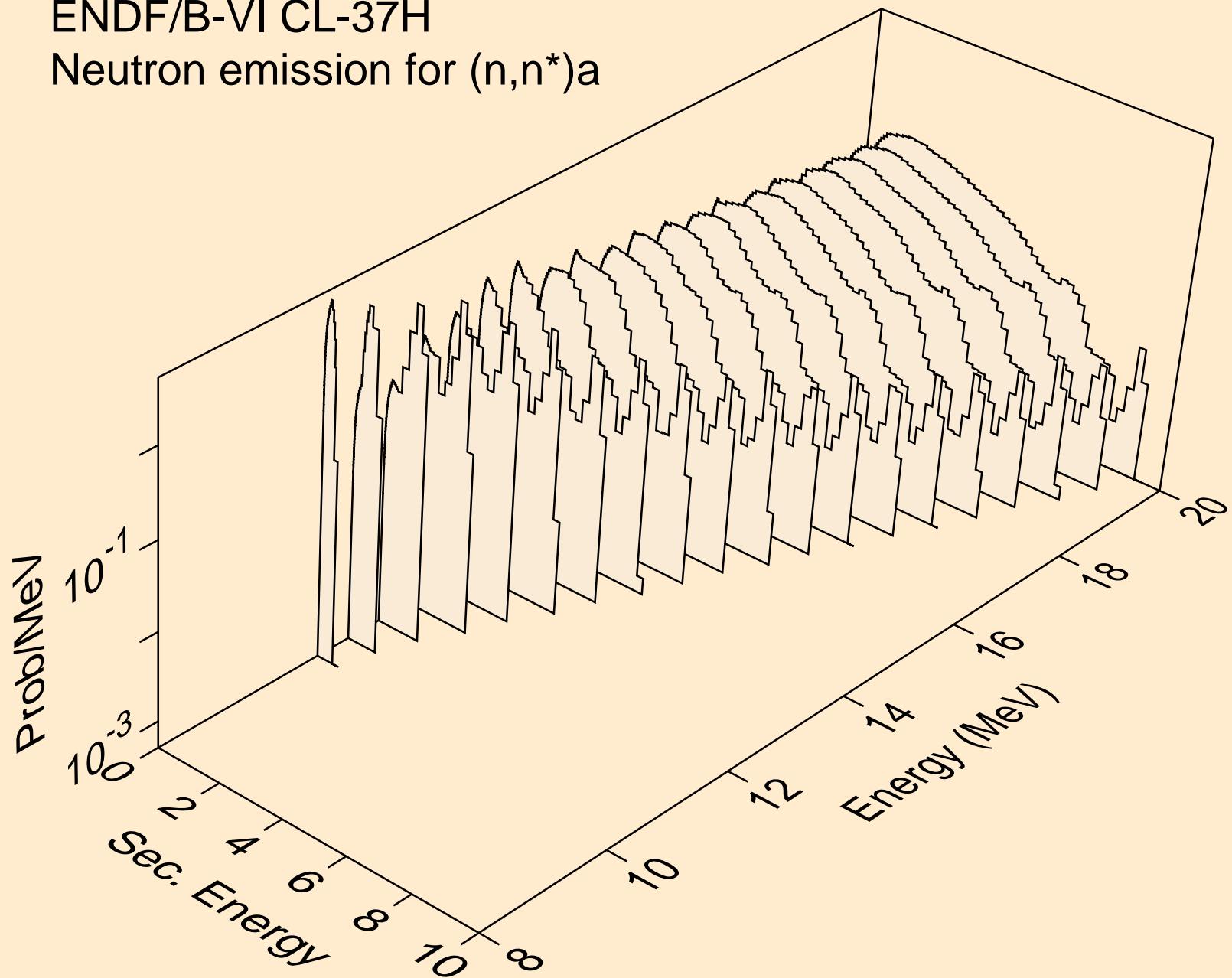
ENDF/B-VI CL-37H  
Neutron emission for (n,2n)



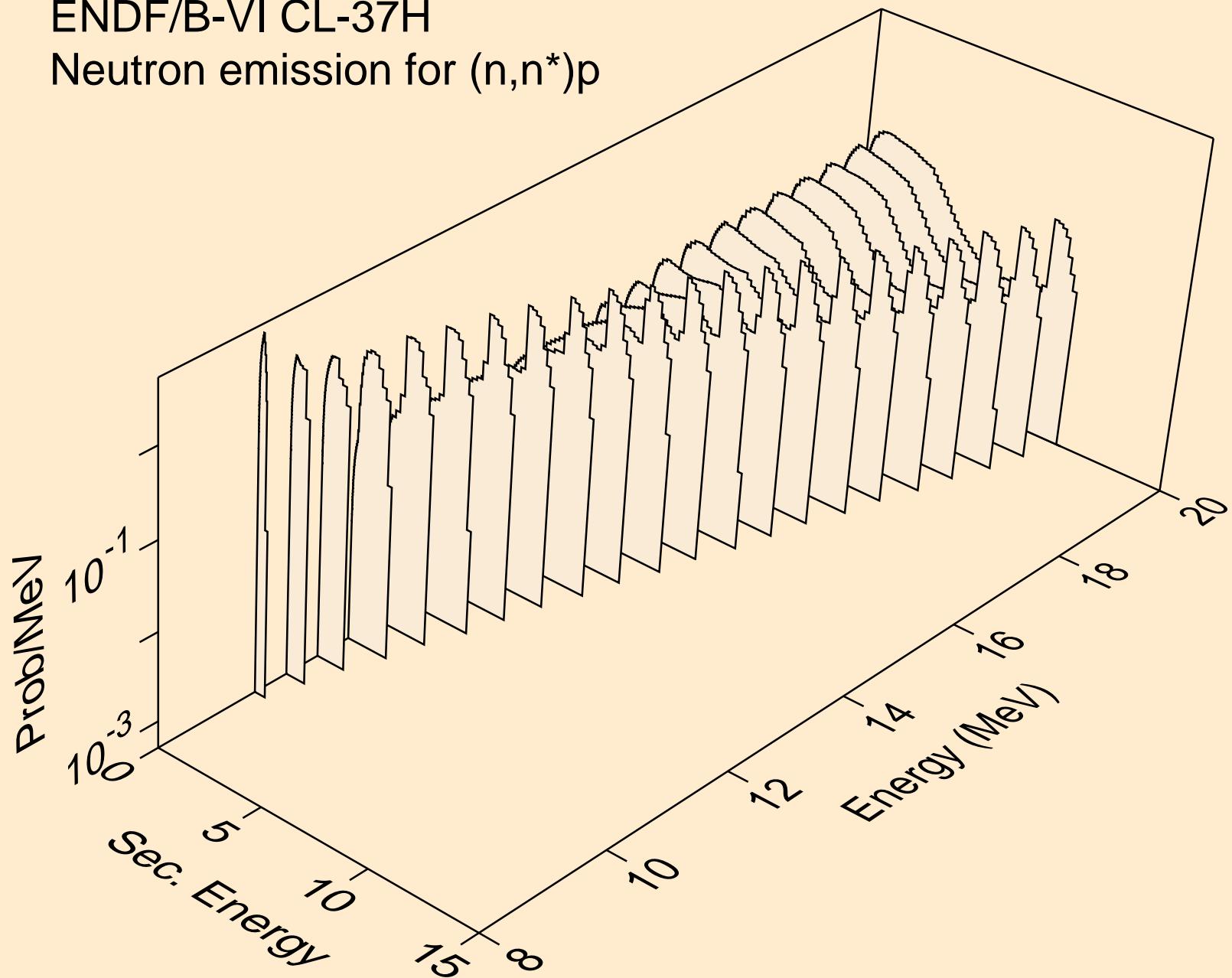
ENDF/B-VI CL-37H  
Neutron emission for (n,3n)



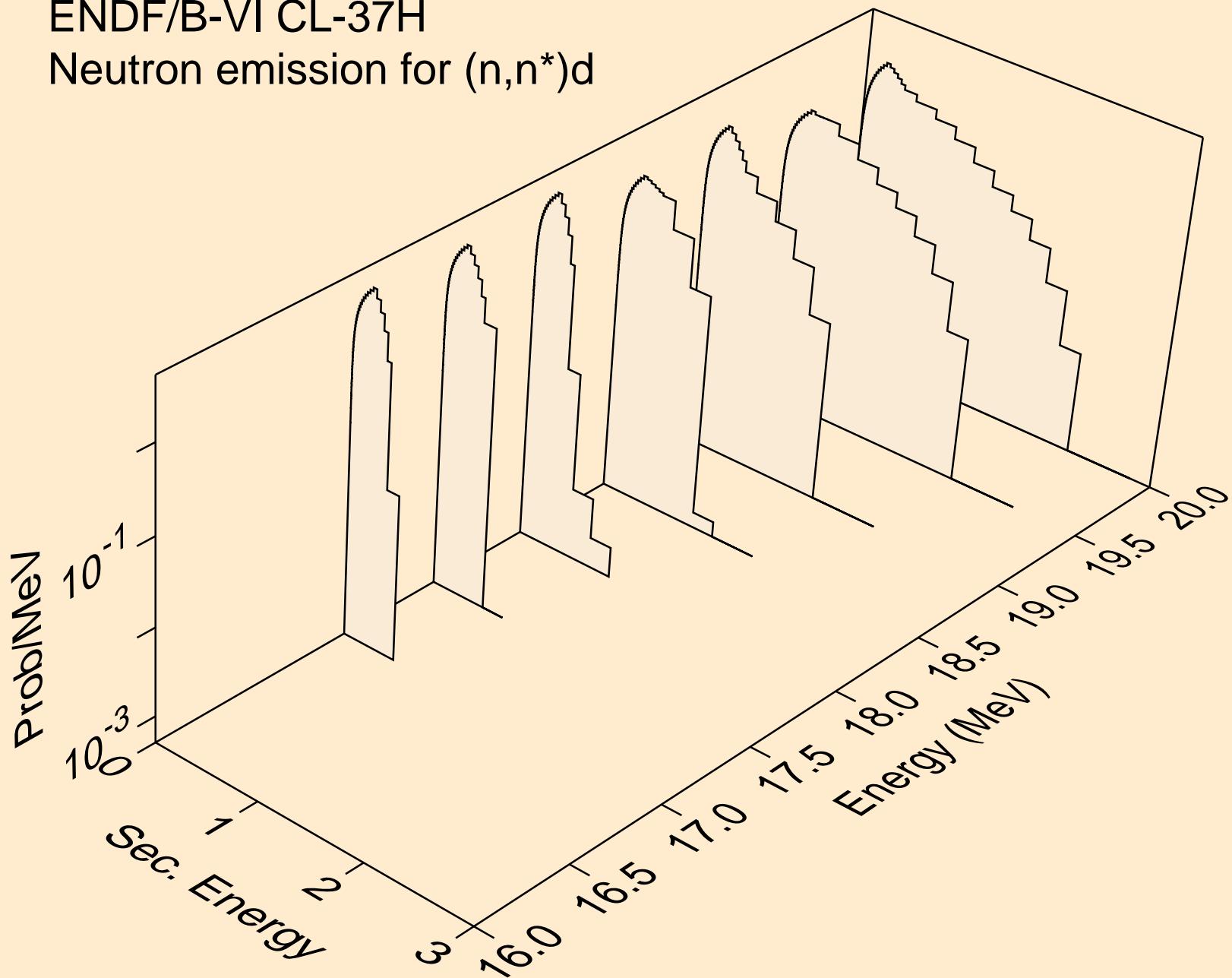
ENDF/B-VI CL-37H  
Neutron emission for  $(n,n^*)a$



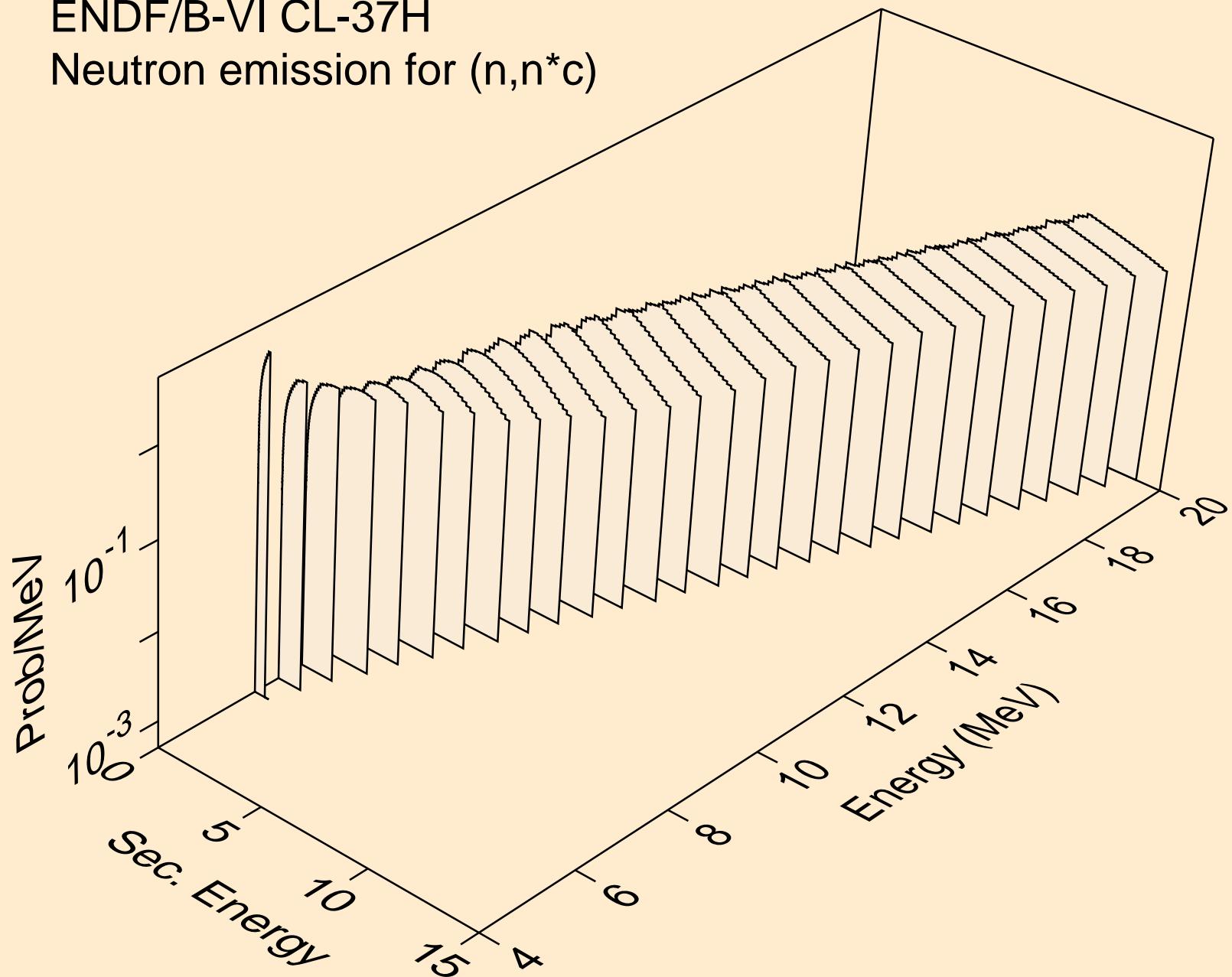
ENDF/B-VI CL-37H  
Neutron emission for  $(n,n^*)p$



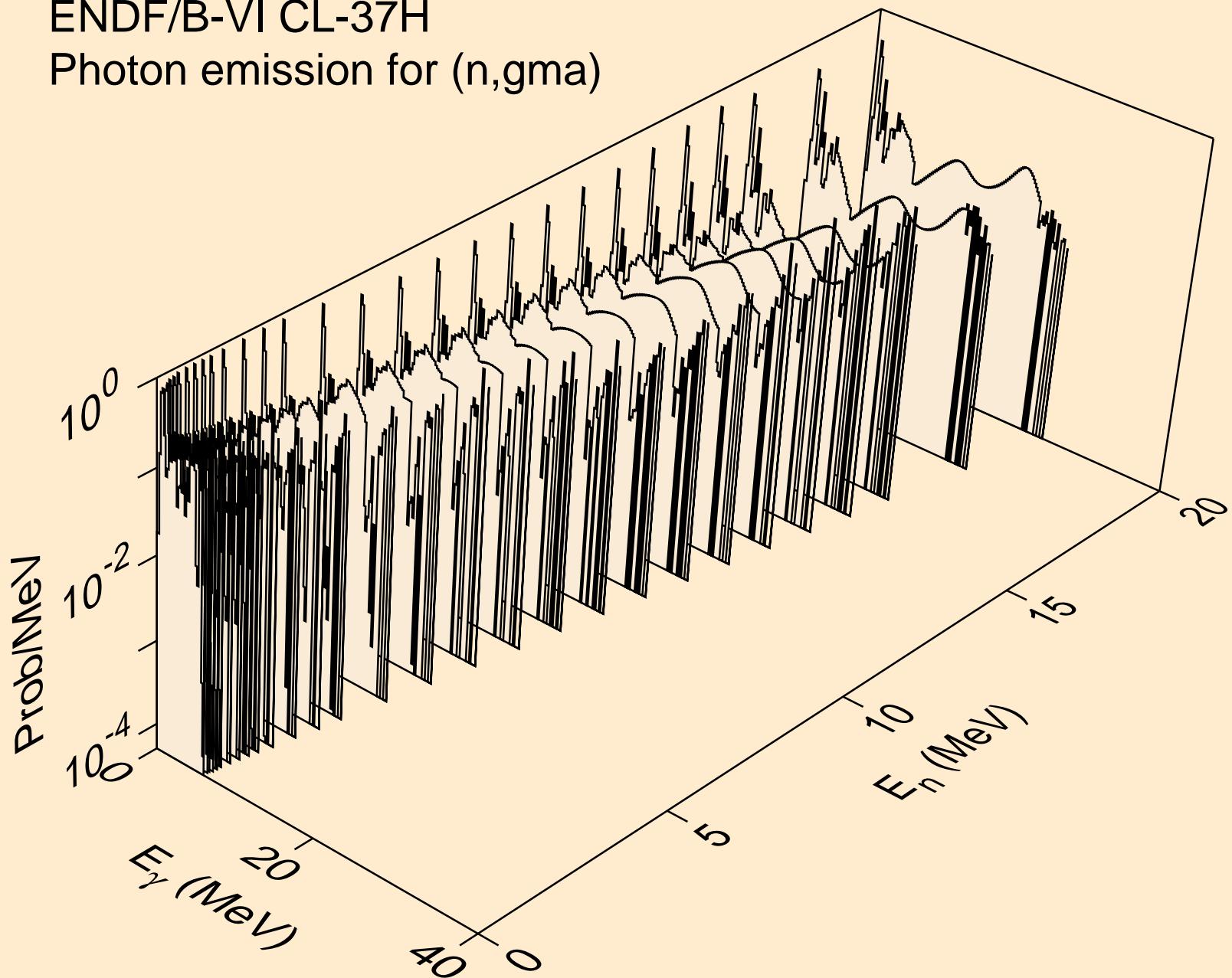
ENDF/B-VI CL-37H  
Neutron emission for  $(n,n^*)d$



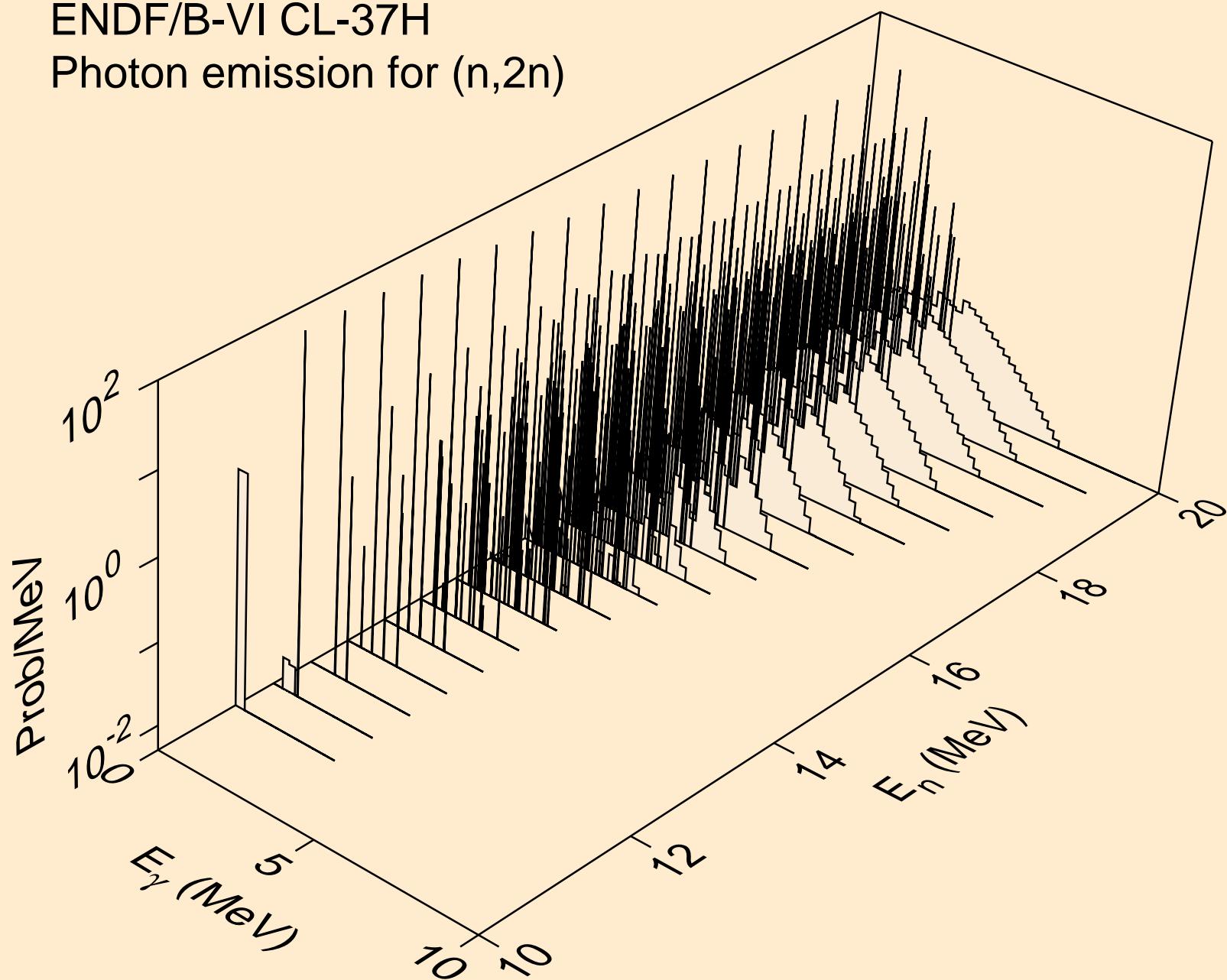
ENDF/B-VI CL-37H  
Neutron emission for  $(n, n^* c)$



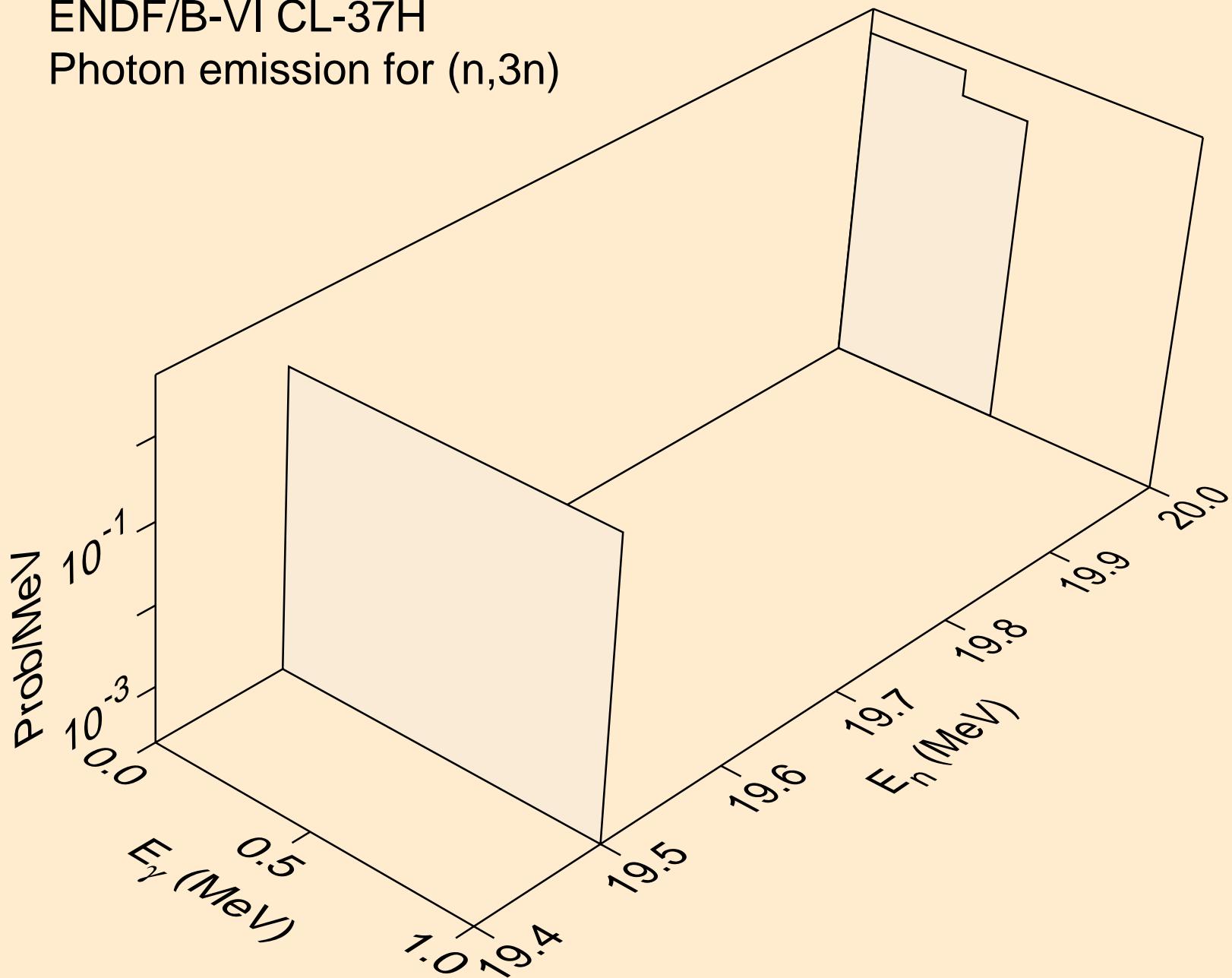
ENDF/B-VI CL-37H  
Photon emission for (n,gma)



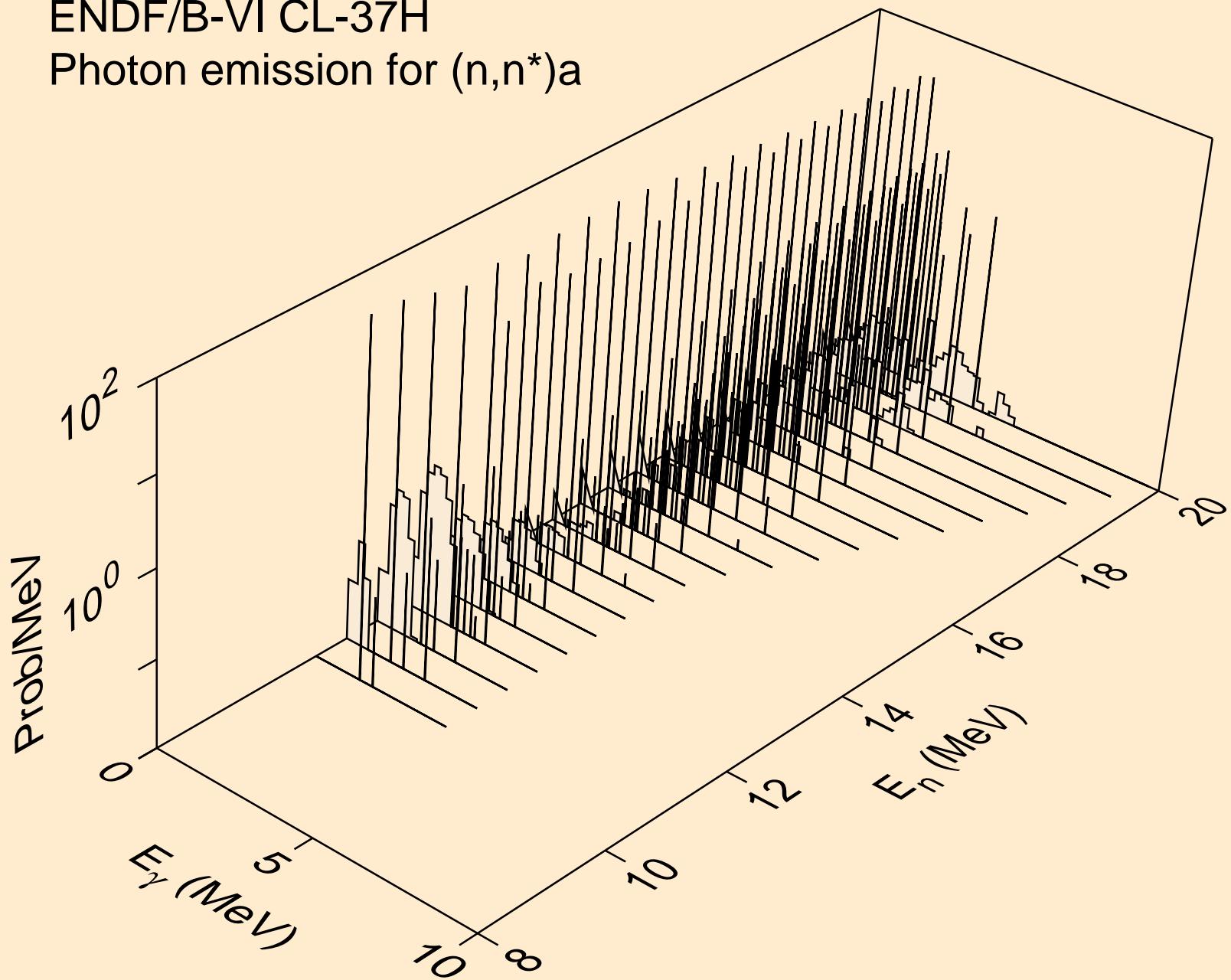
ENDF/B-VI CL-37H  
Photon emission for ( $n,2n$ )



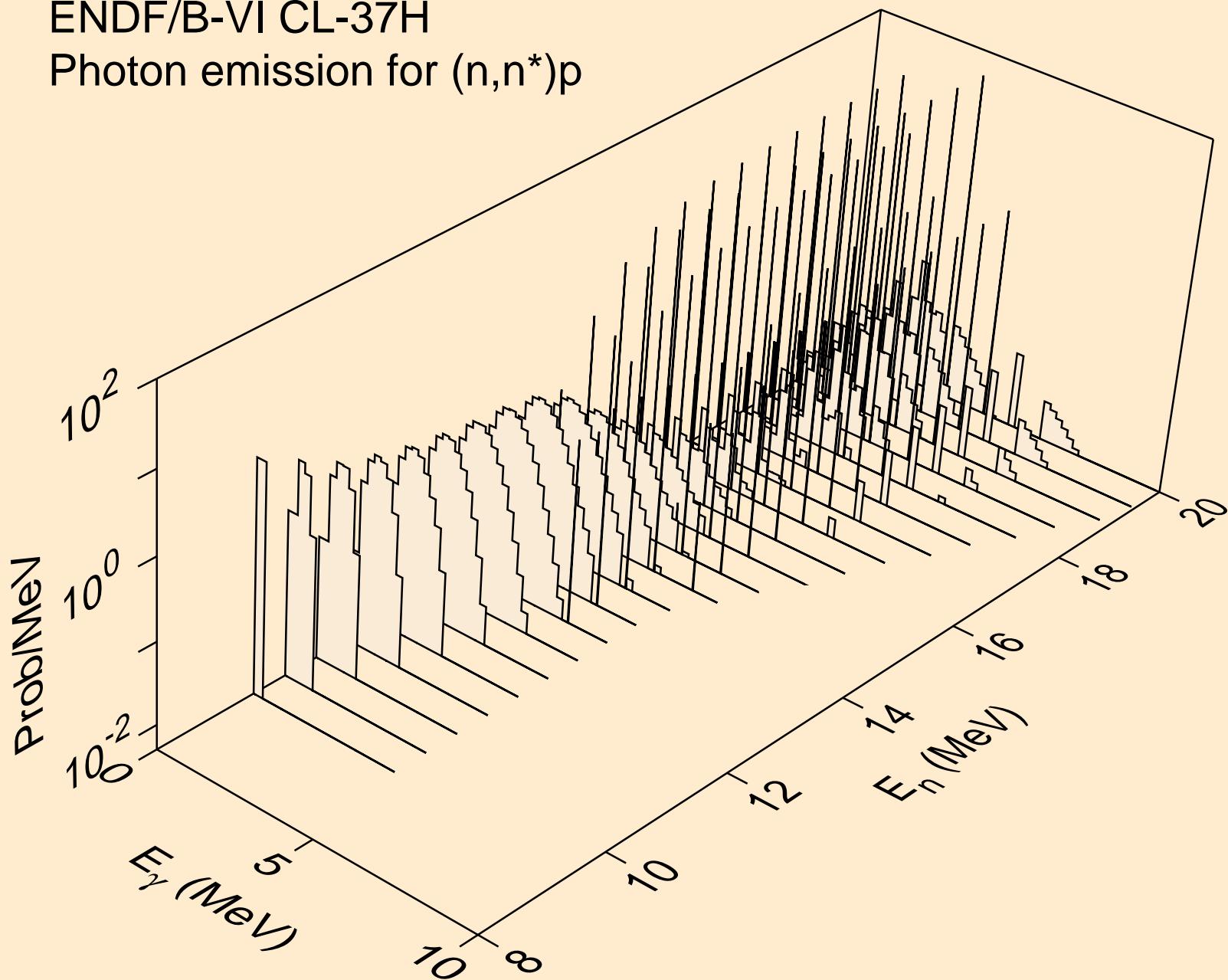
ENDF/B-VI CL-37H  
Photon emission for (n,3n)



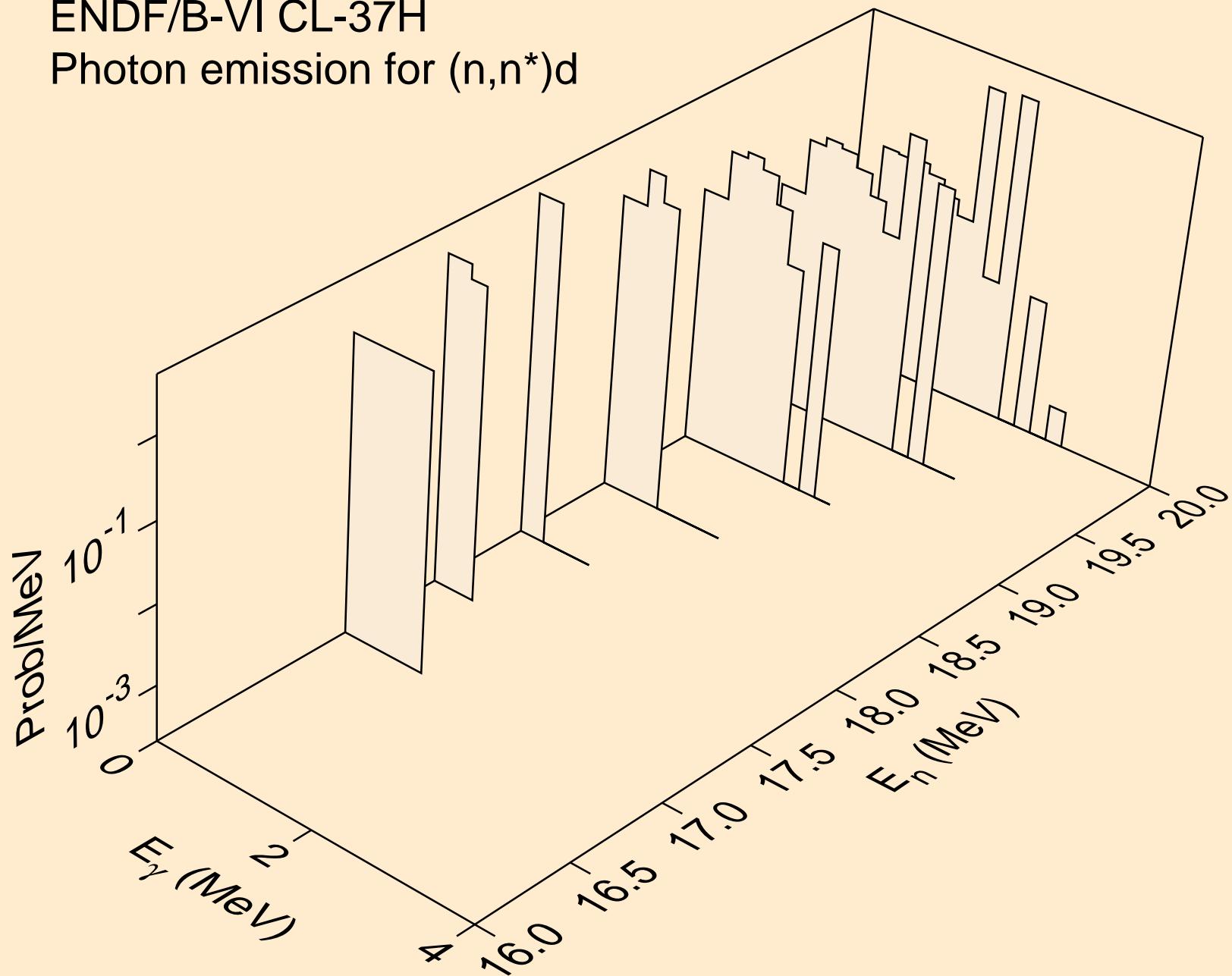
ENDF/B-VI CL-37H  
Photon emission for  $(n,n^*)a$



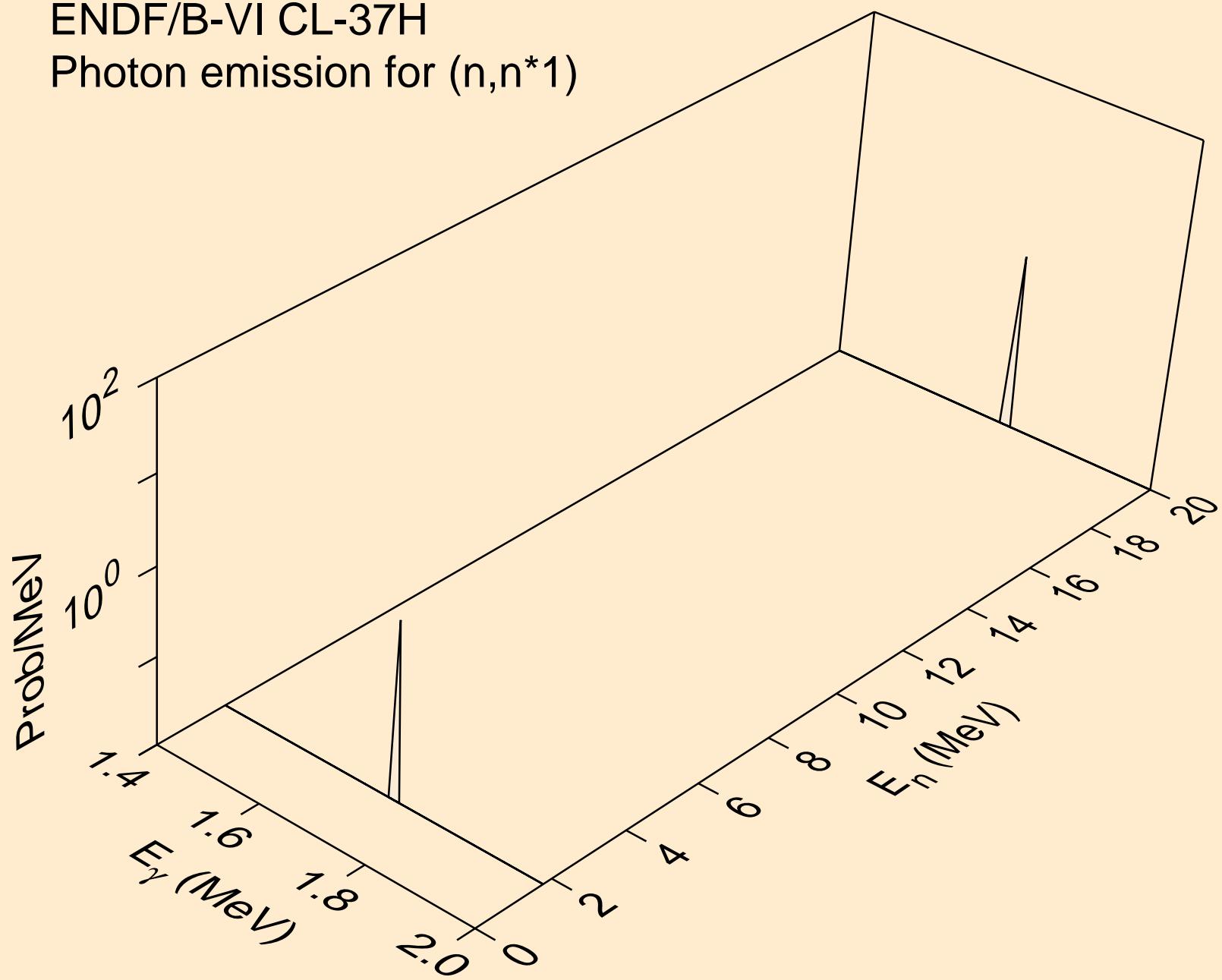
ENDF/B-VI CL-37H  
Photon emission for  $(n,n^*)p$



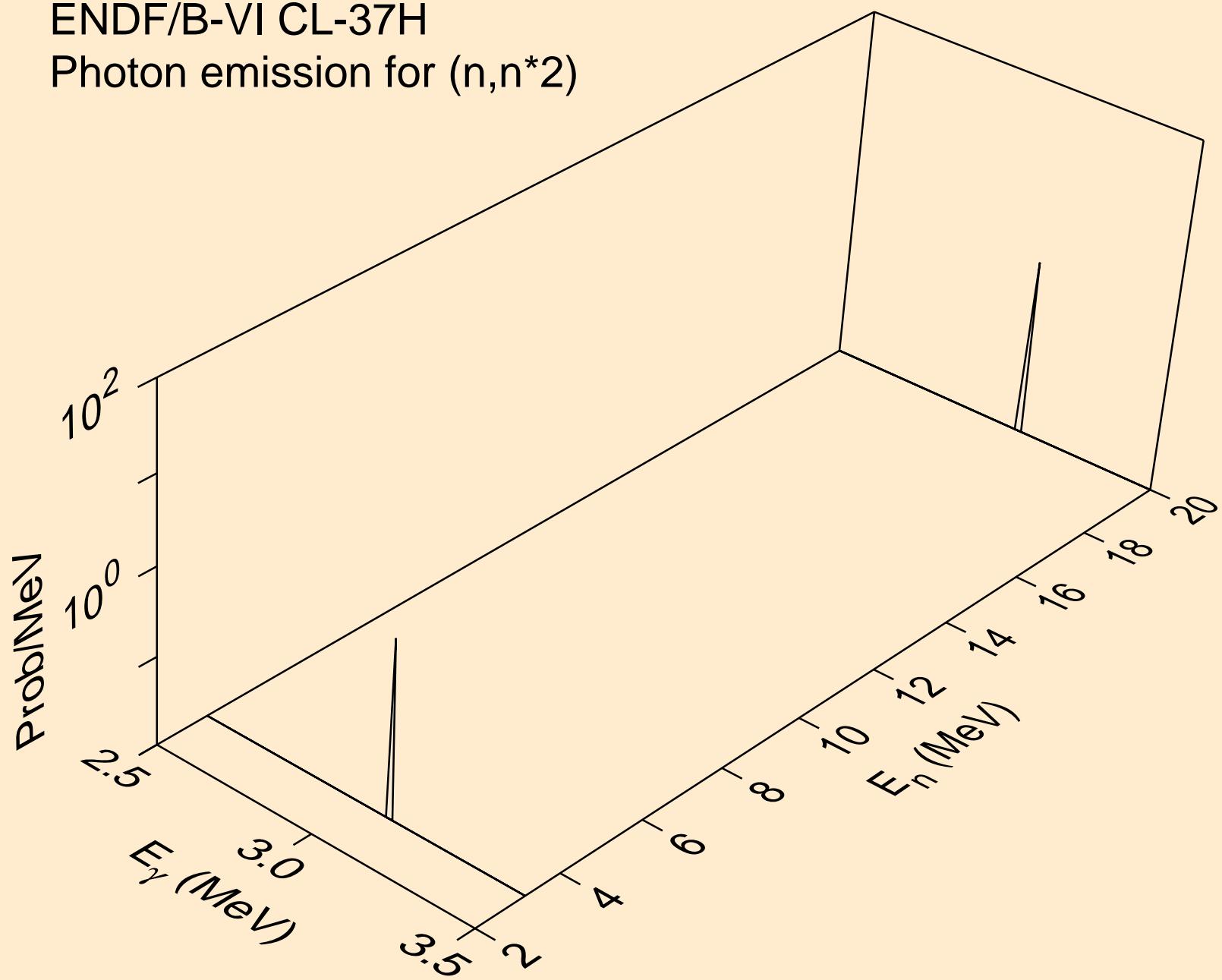
ENDF/B-VI CL-37H  
Photon emission for  $(n,n^*)d$



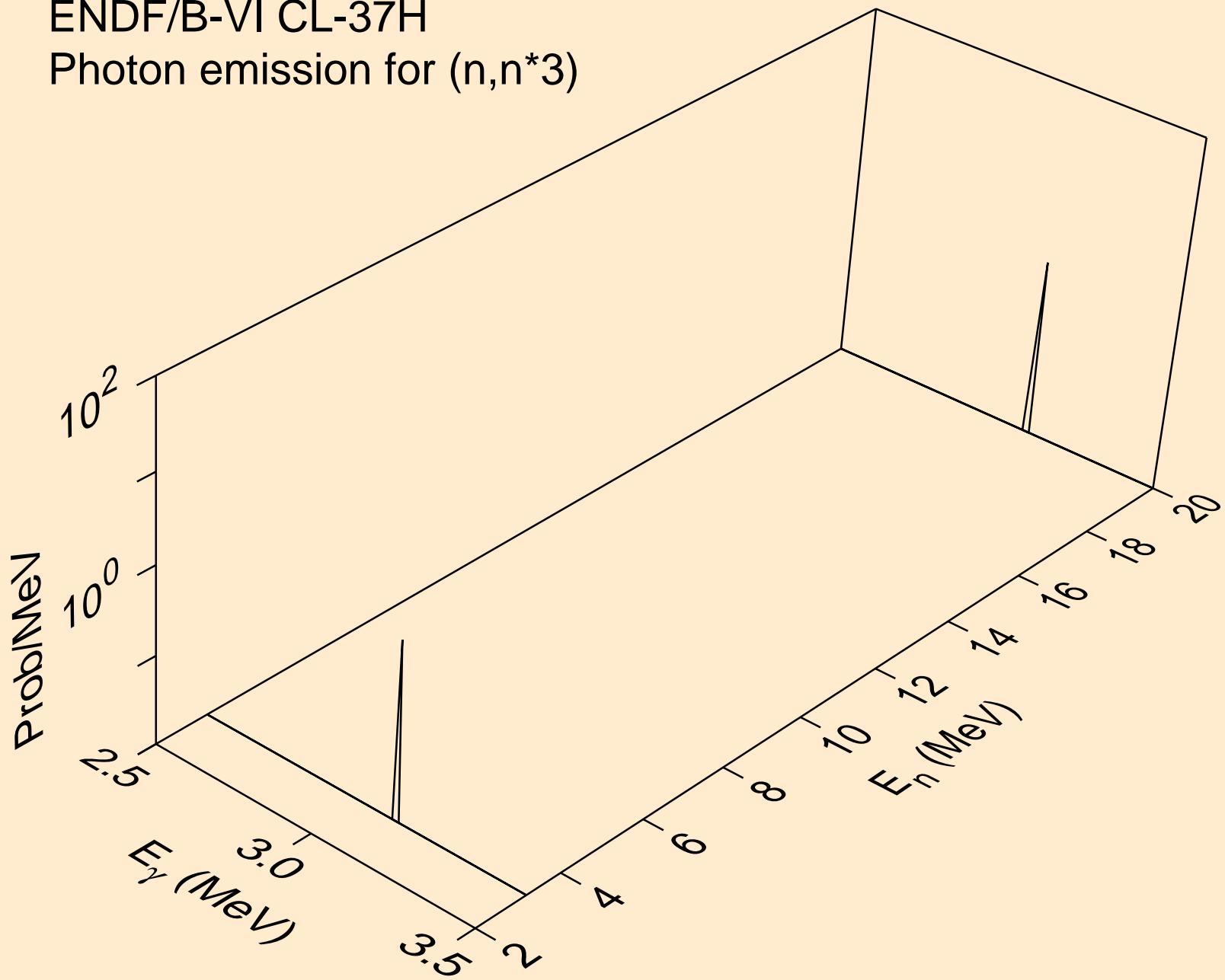
ENDF/B-VI CL-37H  
Photon emission for (n,n\*1)



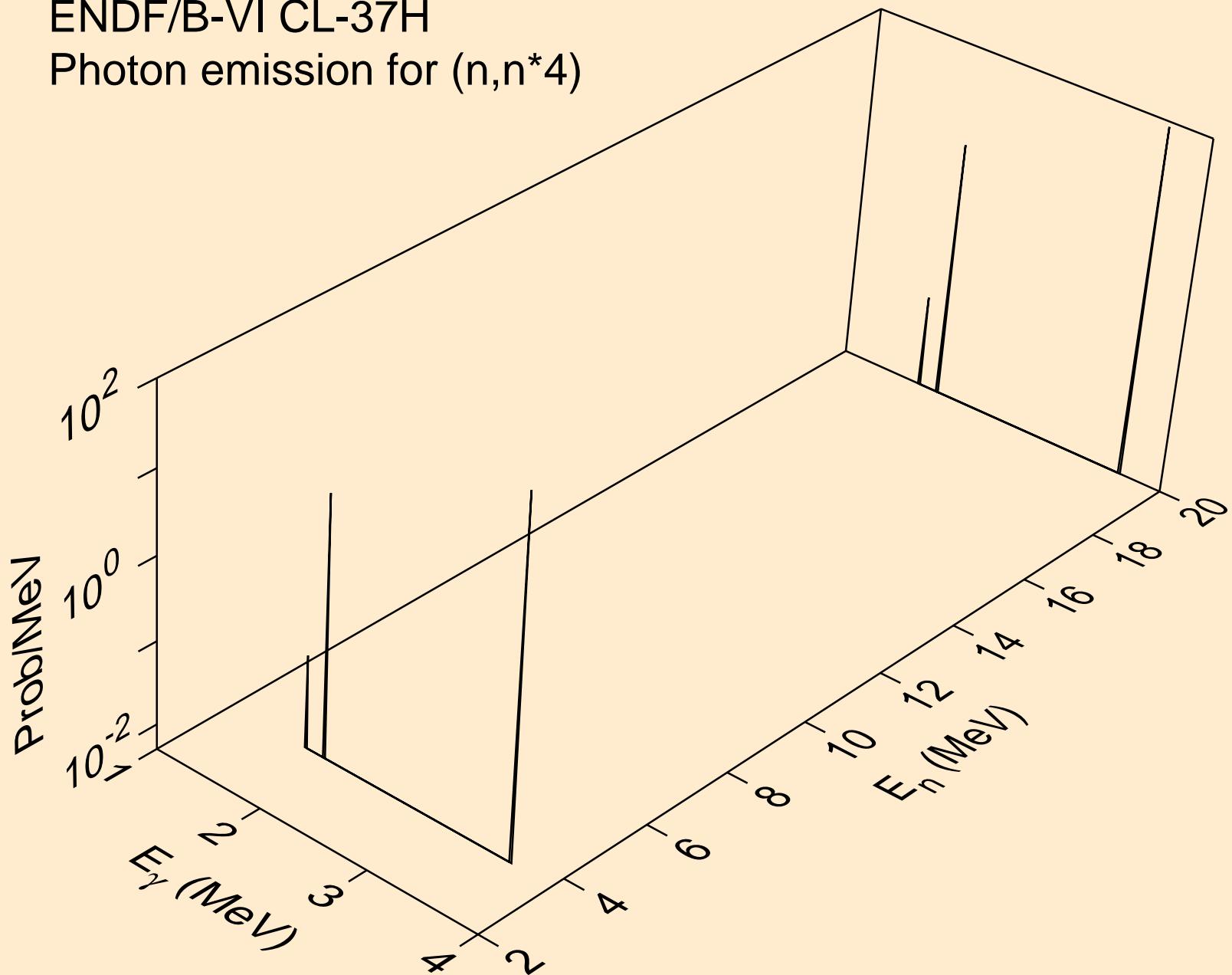
ENDF/B-VI CL-37H  
Photon emission for (n,n\*2)



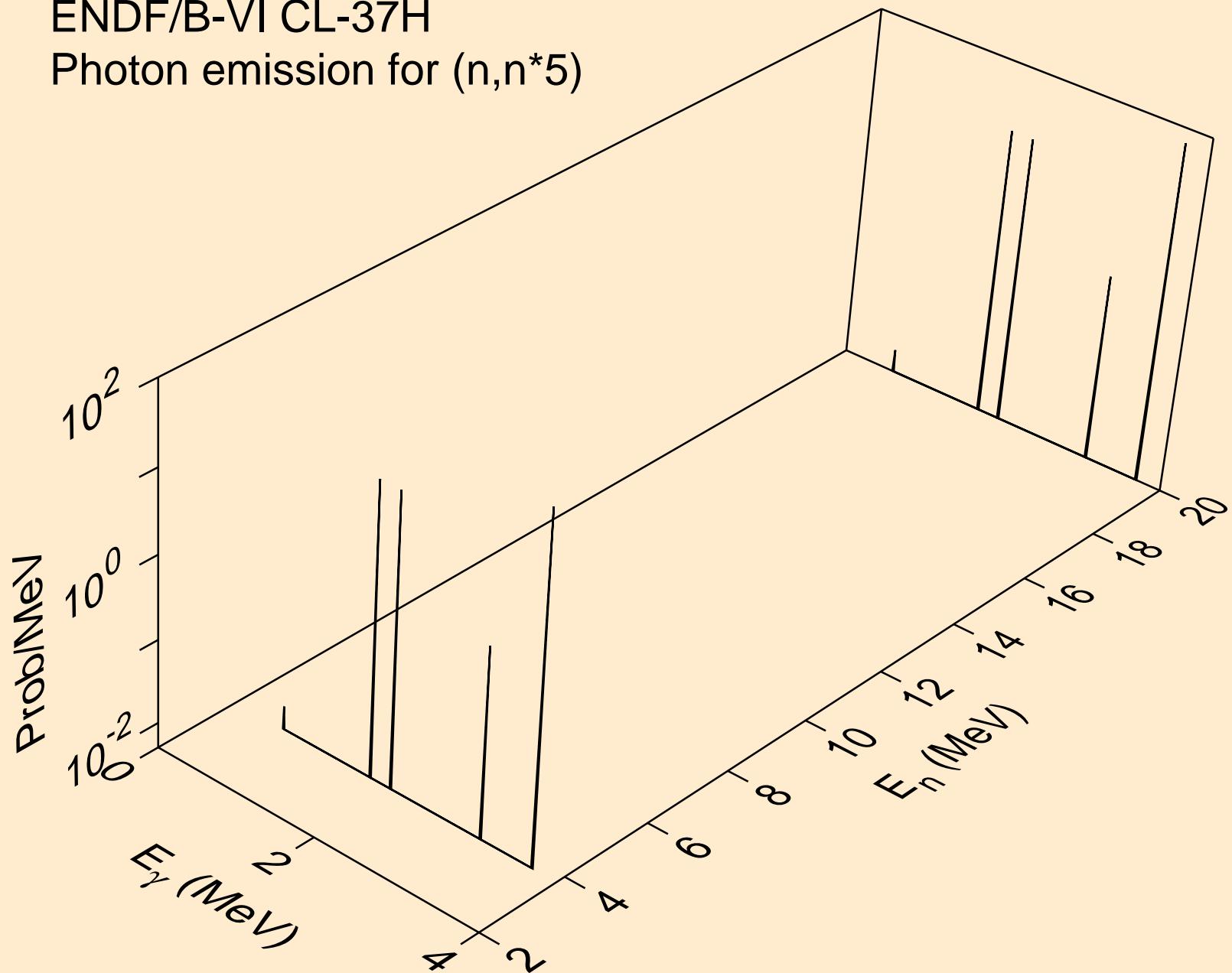
ENDF/B-VI CL-37H  
Photon emission for (n,n\*3)



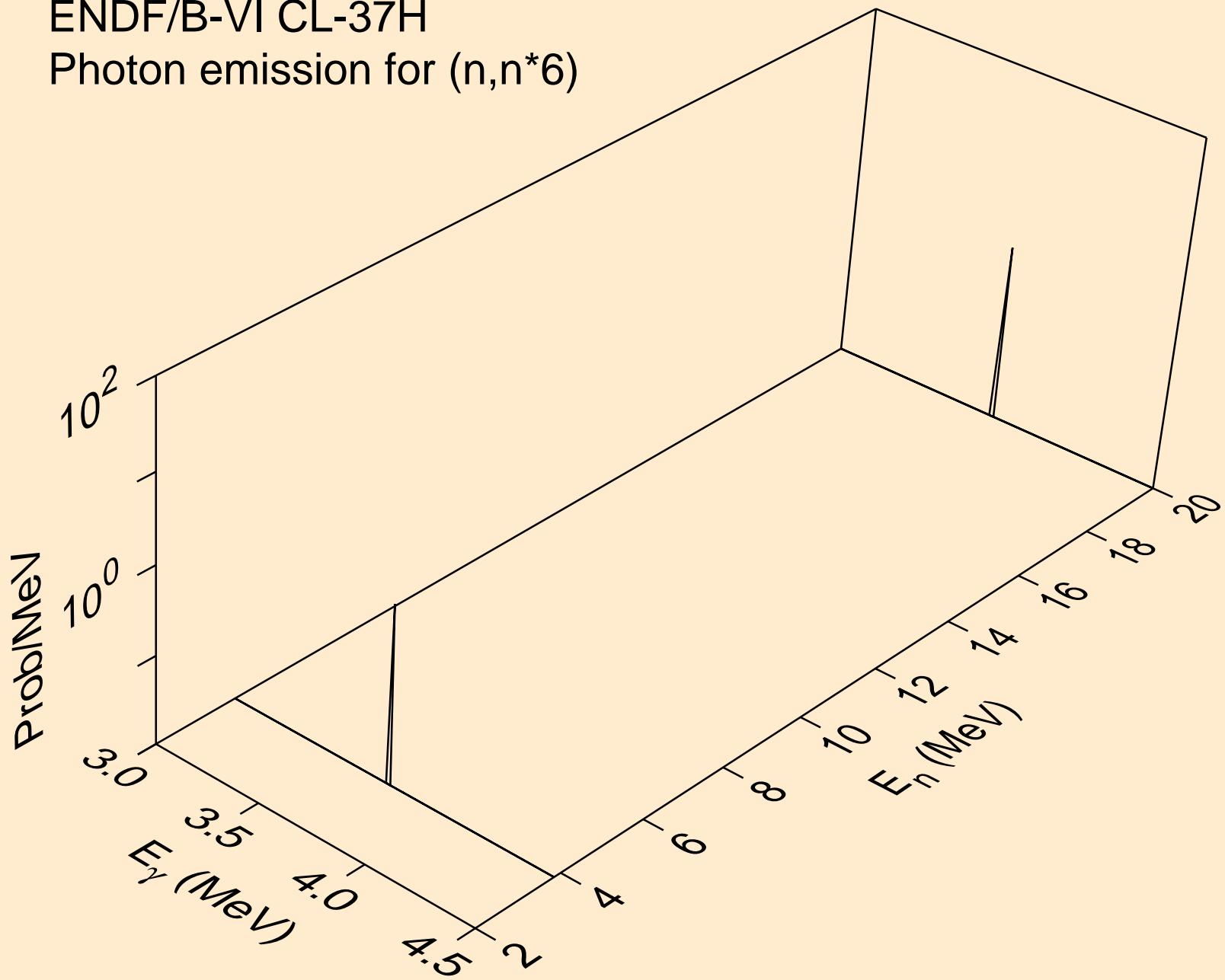
ENDF/B-VI CL-37H  
Photon emission for (n,n\*4)



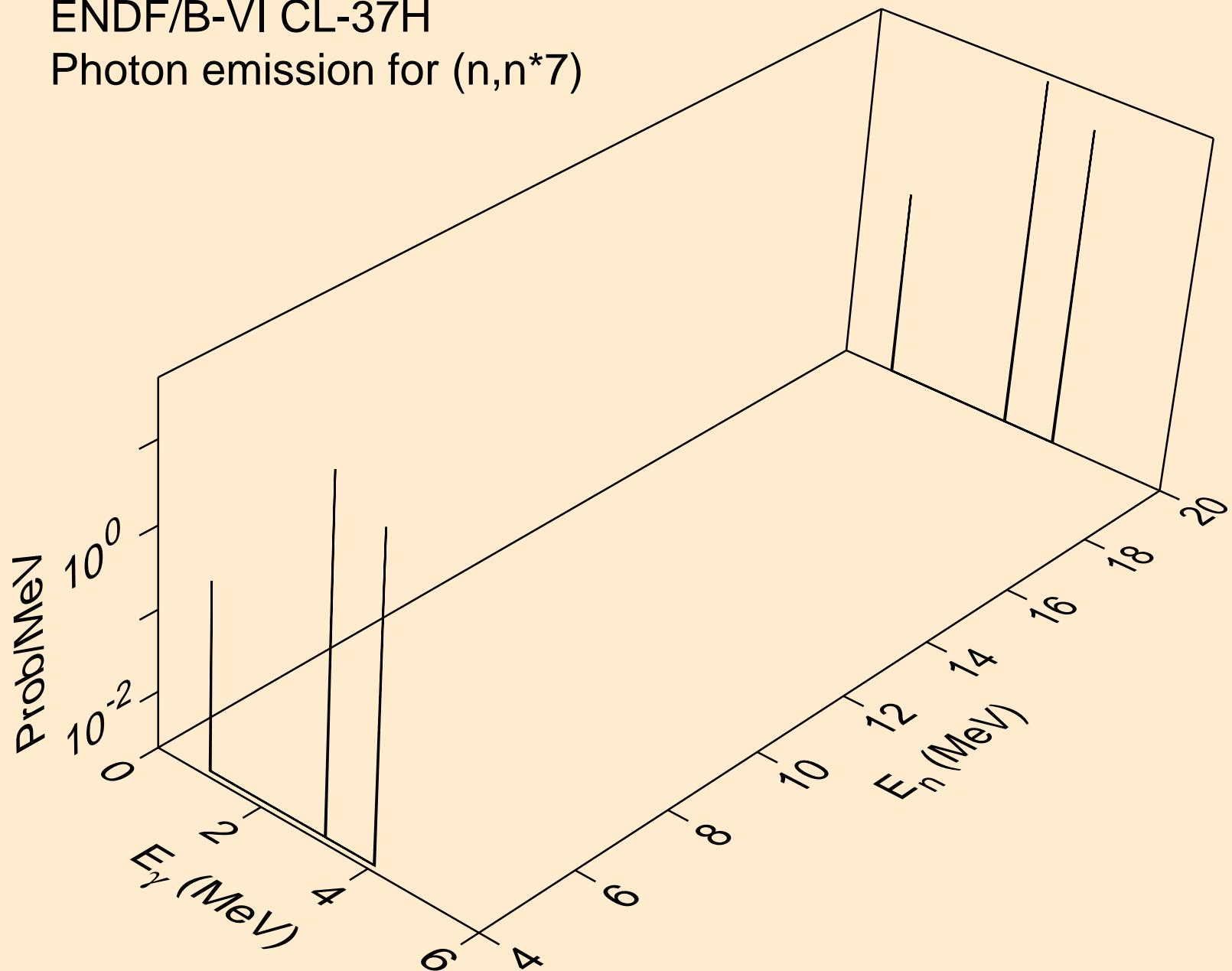
ENDF/B-VI CL-37H  
Photon emission for (n,n\*5)



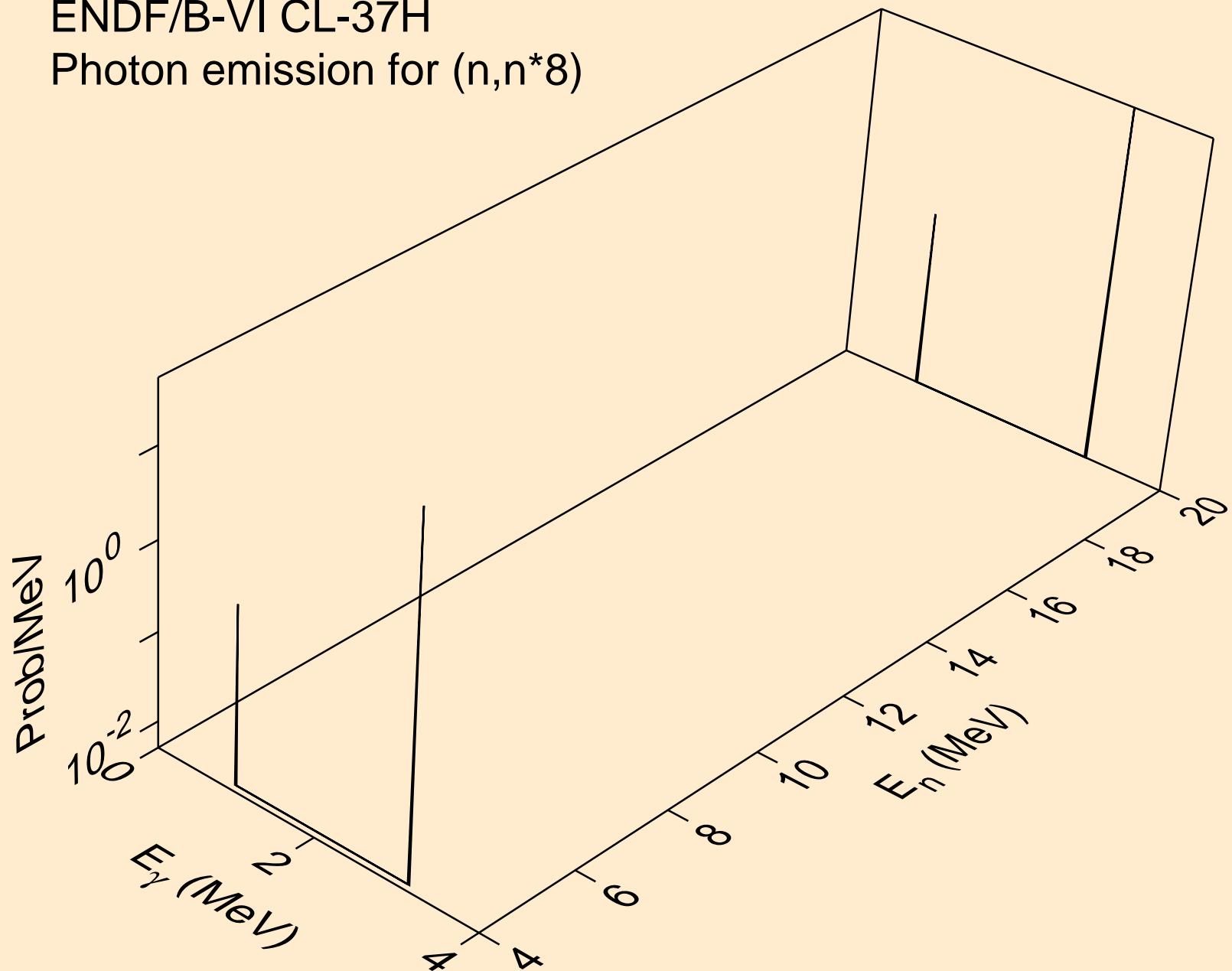
ENDF/B-VI CL-37H  
Photon emission for ( $n, n^*6$ )



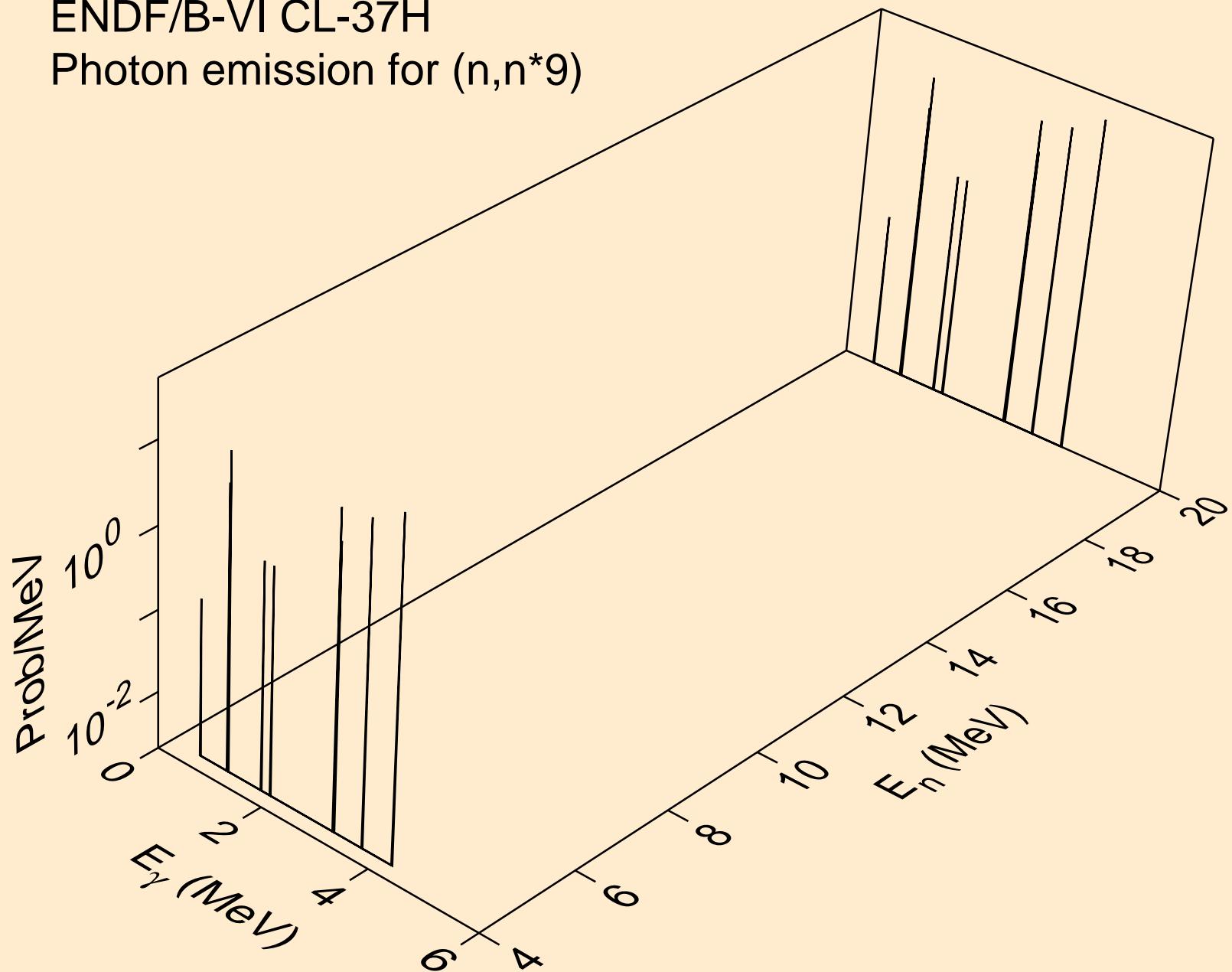
ENDF/B-VI CL-37H  
Photon emission for ( $n, n^*7$ )



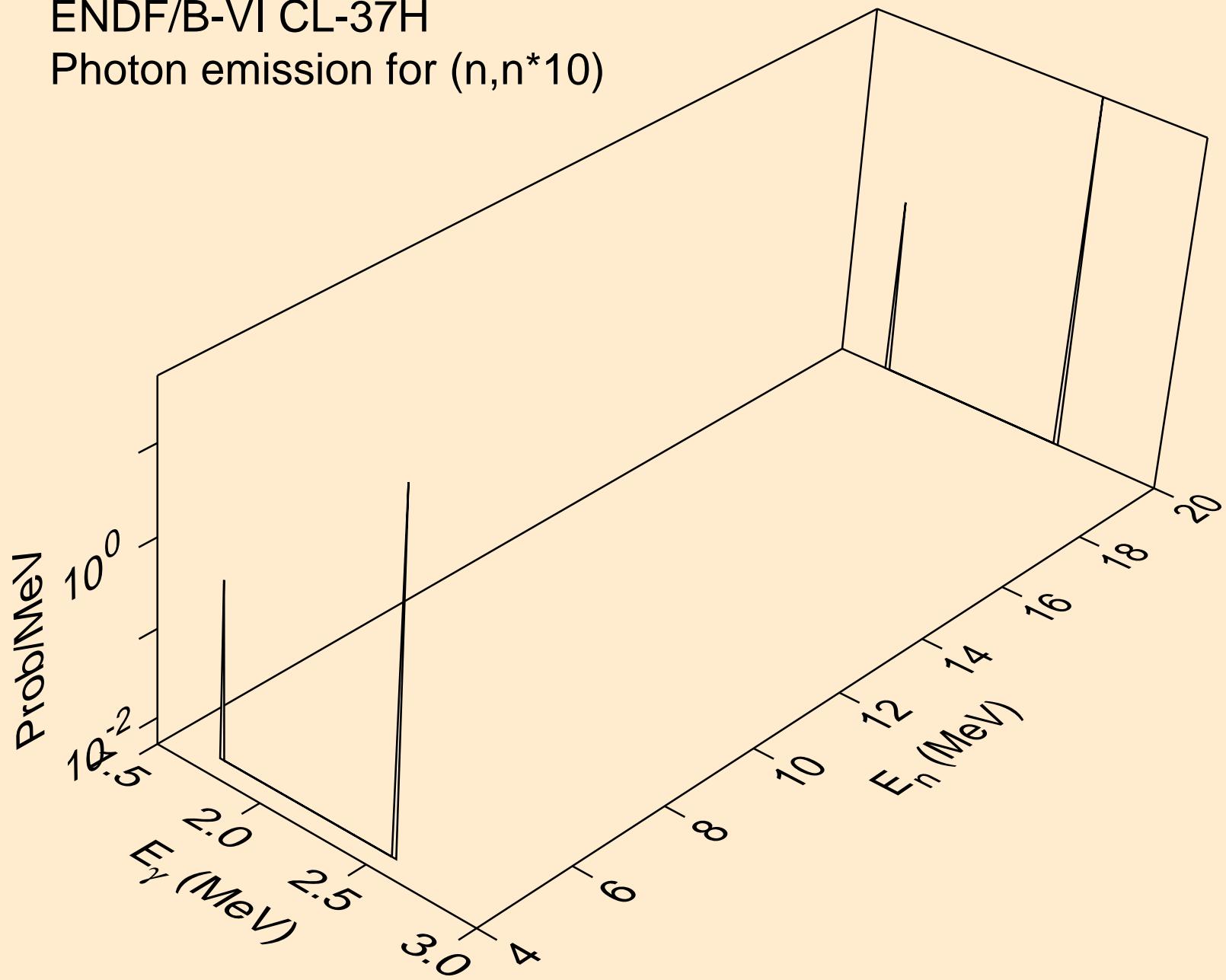
ENDF/B-VI CL-37H  
Photon emission for (n,n\*8)



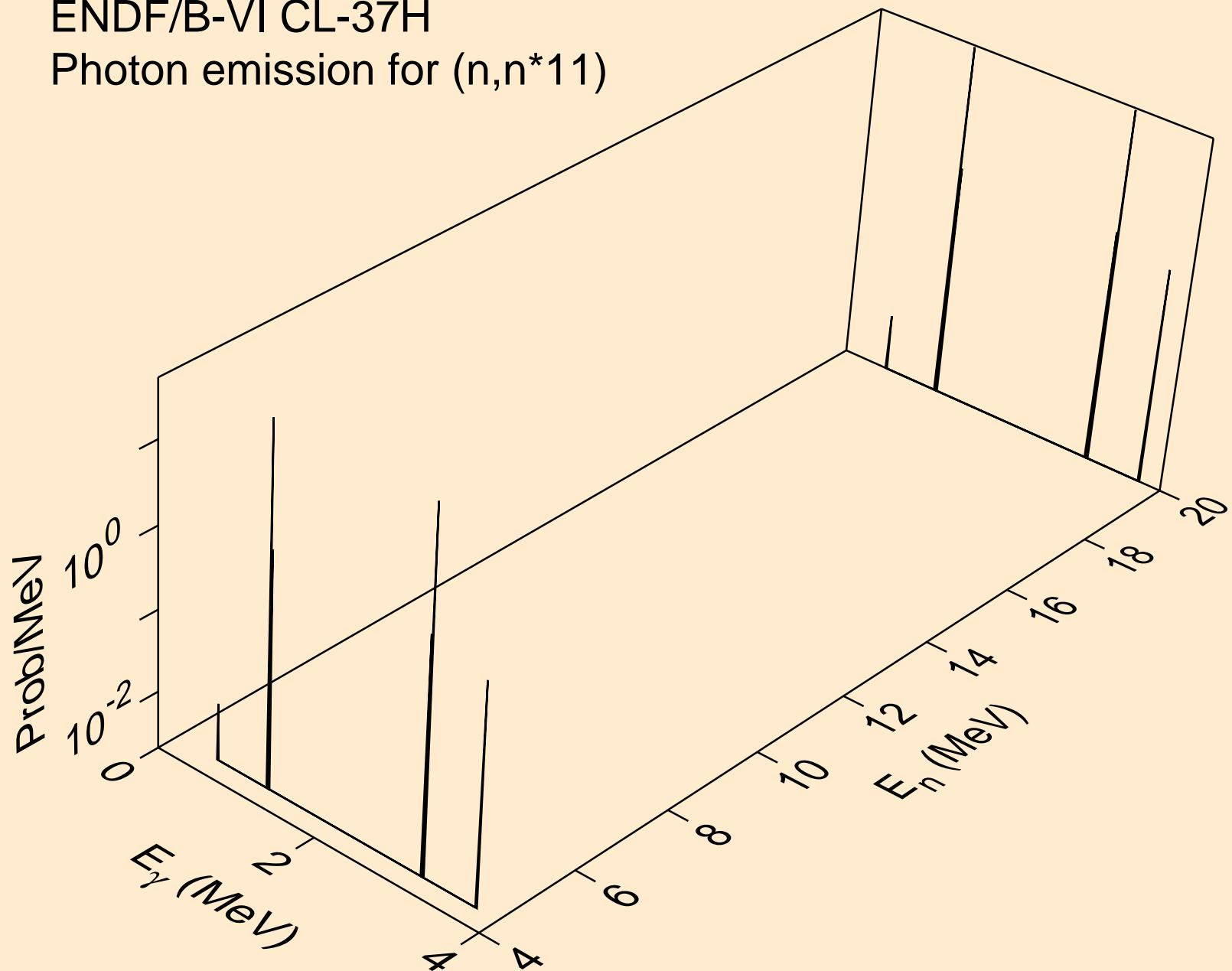
ENDF/B-VI CL-37H  
Photon emission for (n,n\*9)



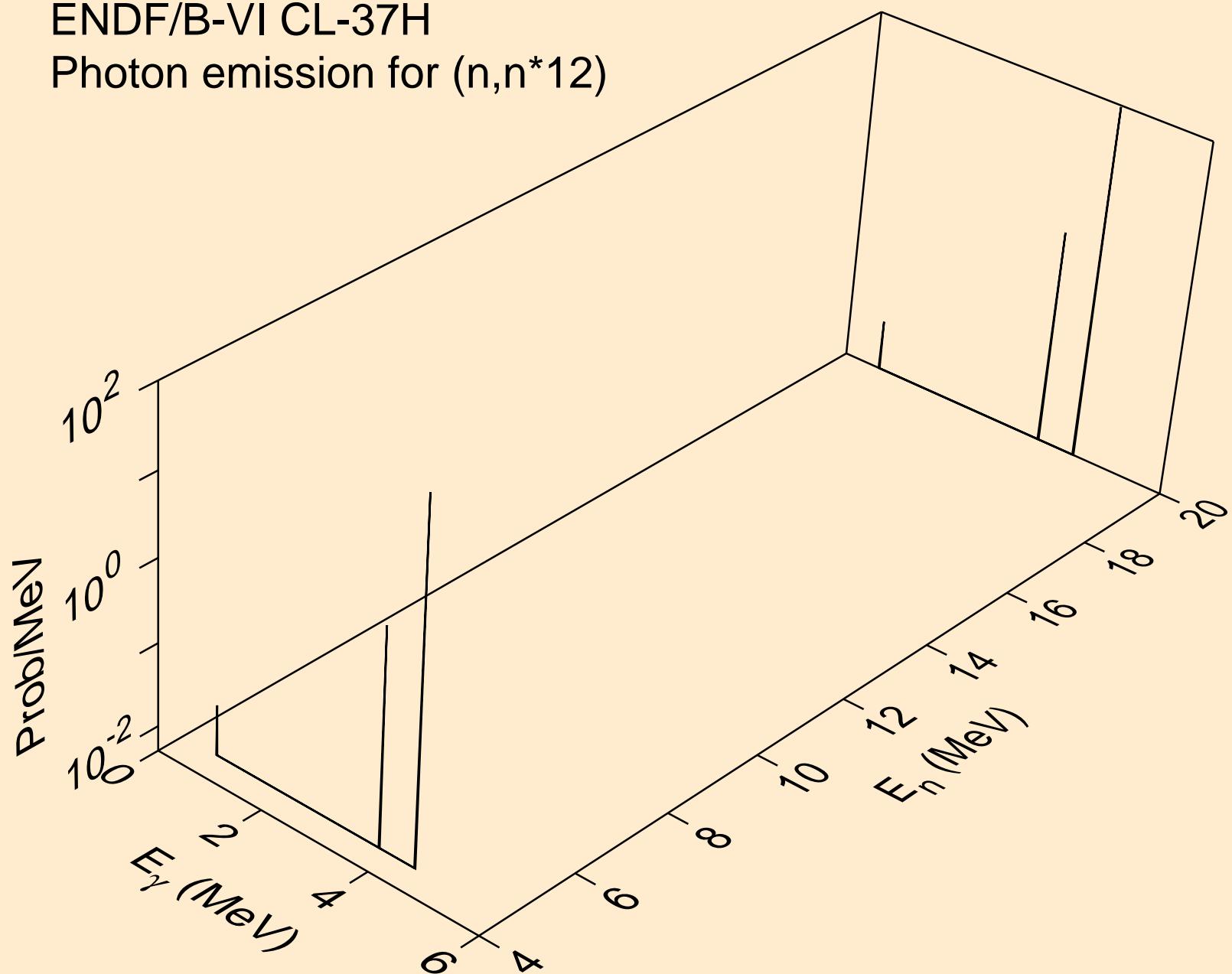
ENDF/B-VI CL-37H  
Photon emission for ( $n,n^*$ ) $\times 10$



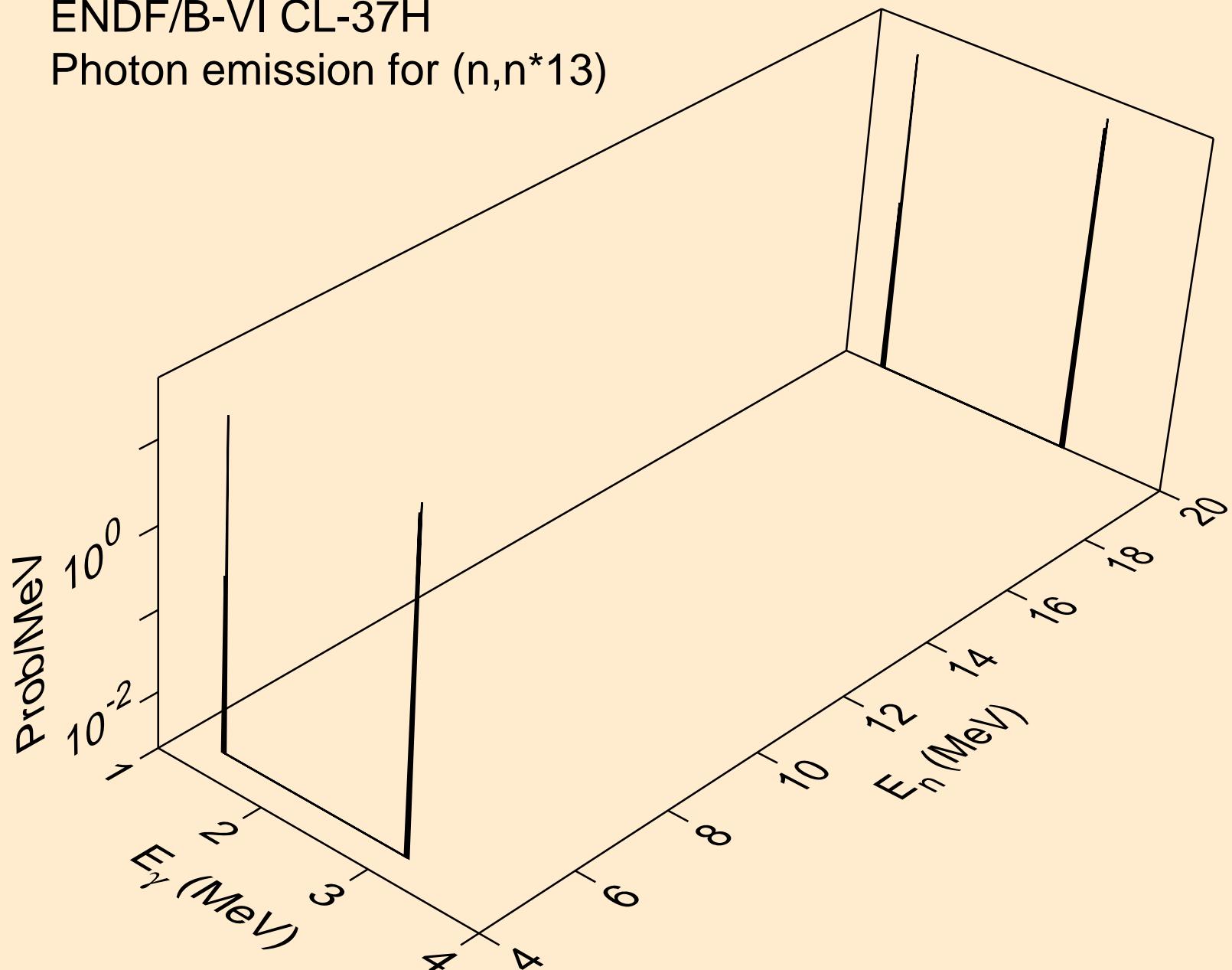
ENDF/B-VI CL-37H  
Photon emission for ( $n, n^* 11$ )



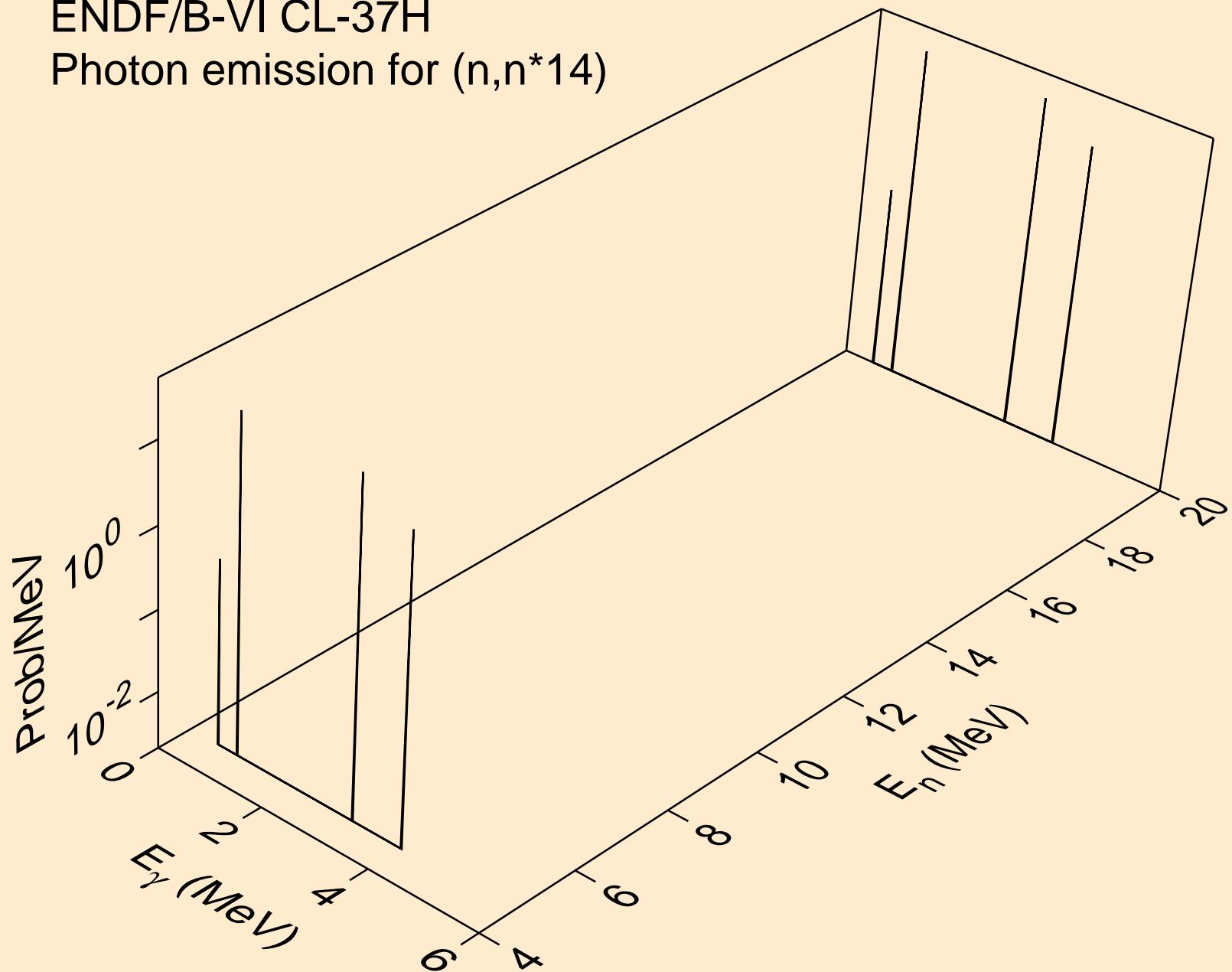
ENDF/B-VI CL-37H  
Photon emission for ( $n, n^* 12$ )



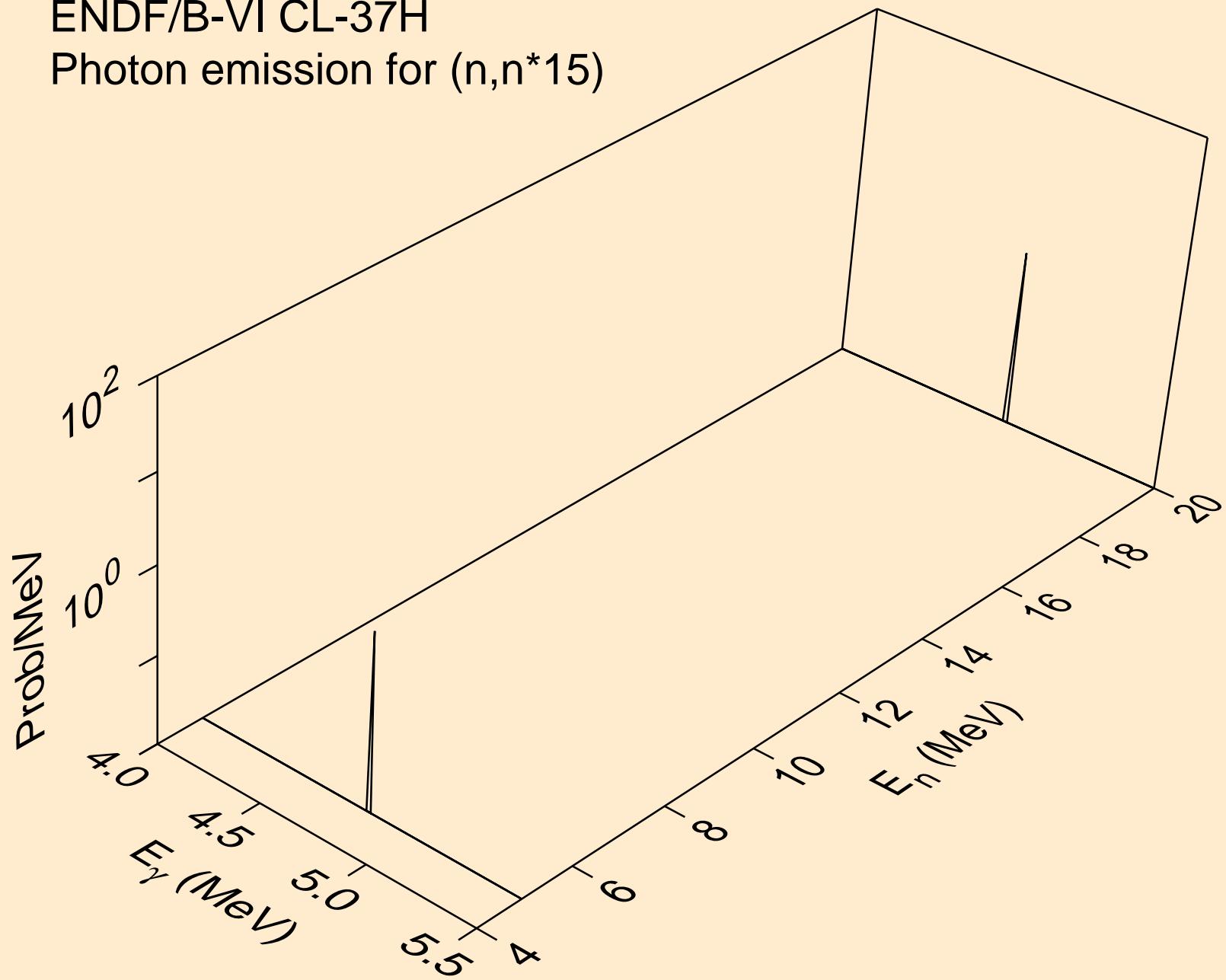
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Photon emission for ( $n, n^* 13$ )



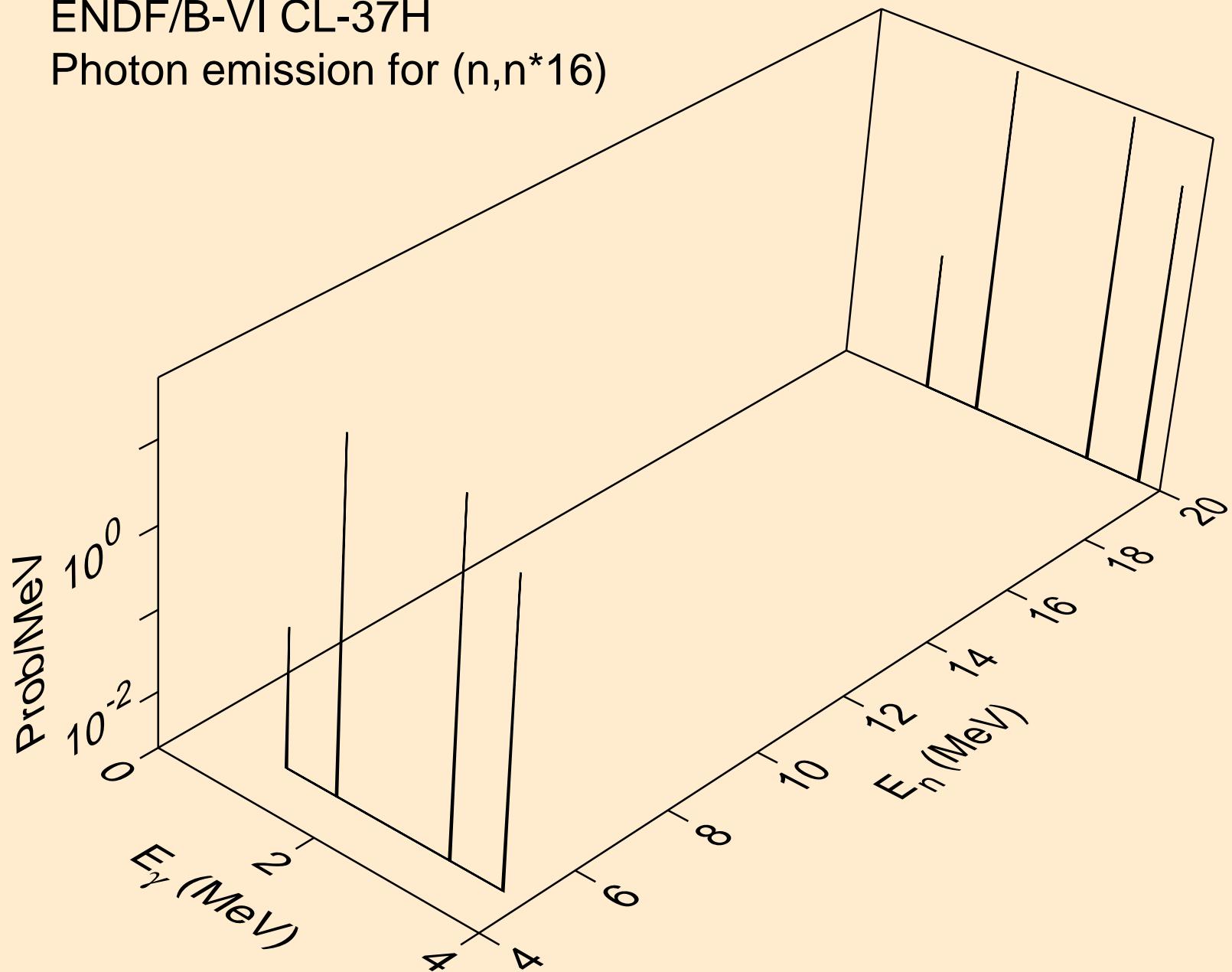
ENDF/B-VI CL-37H  
Photon emission for ( $n, n^* 14$ )



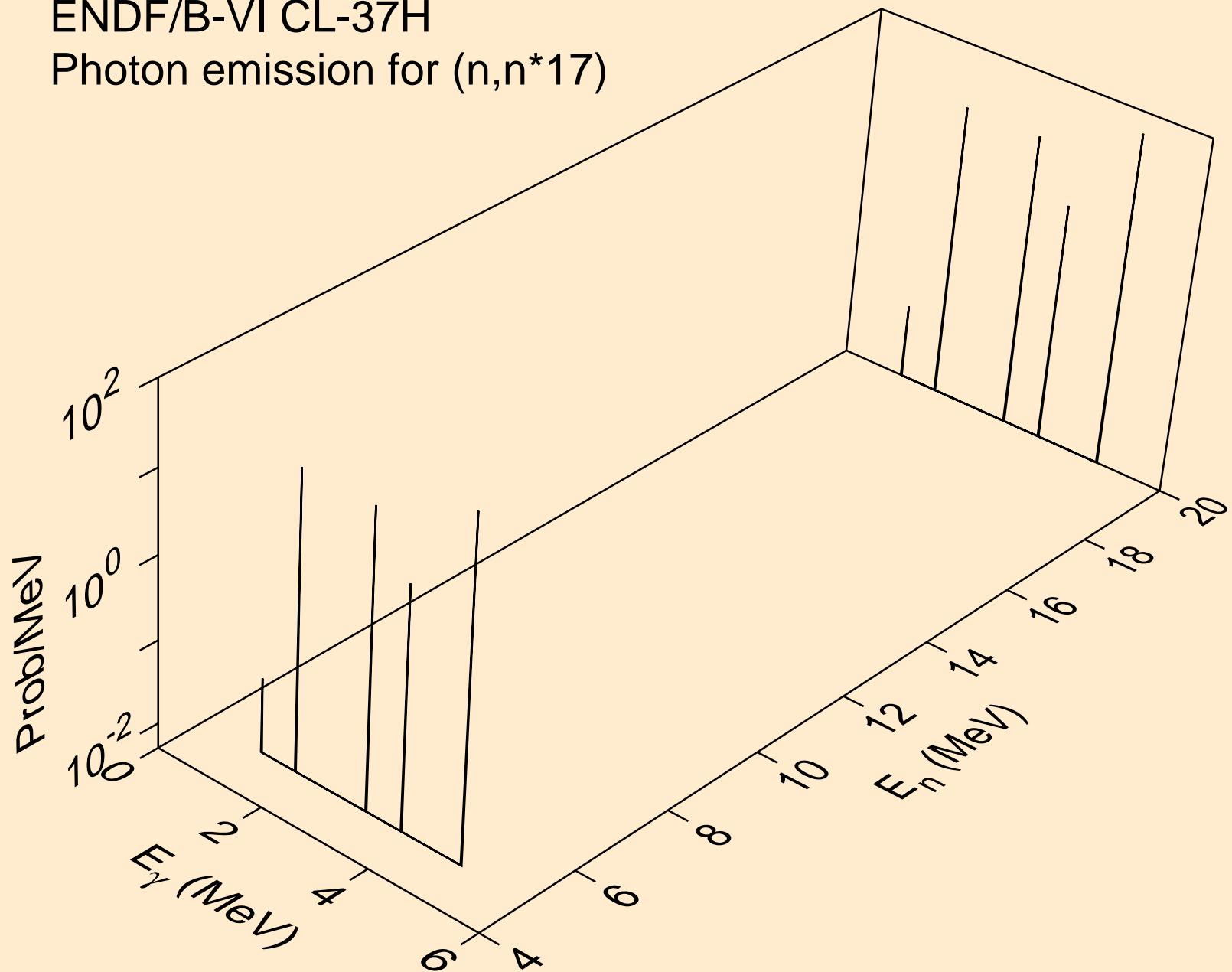
ENDF/B-VI CL-37H  
Photon emission for ( $n, n^* 15$ )



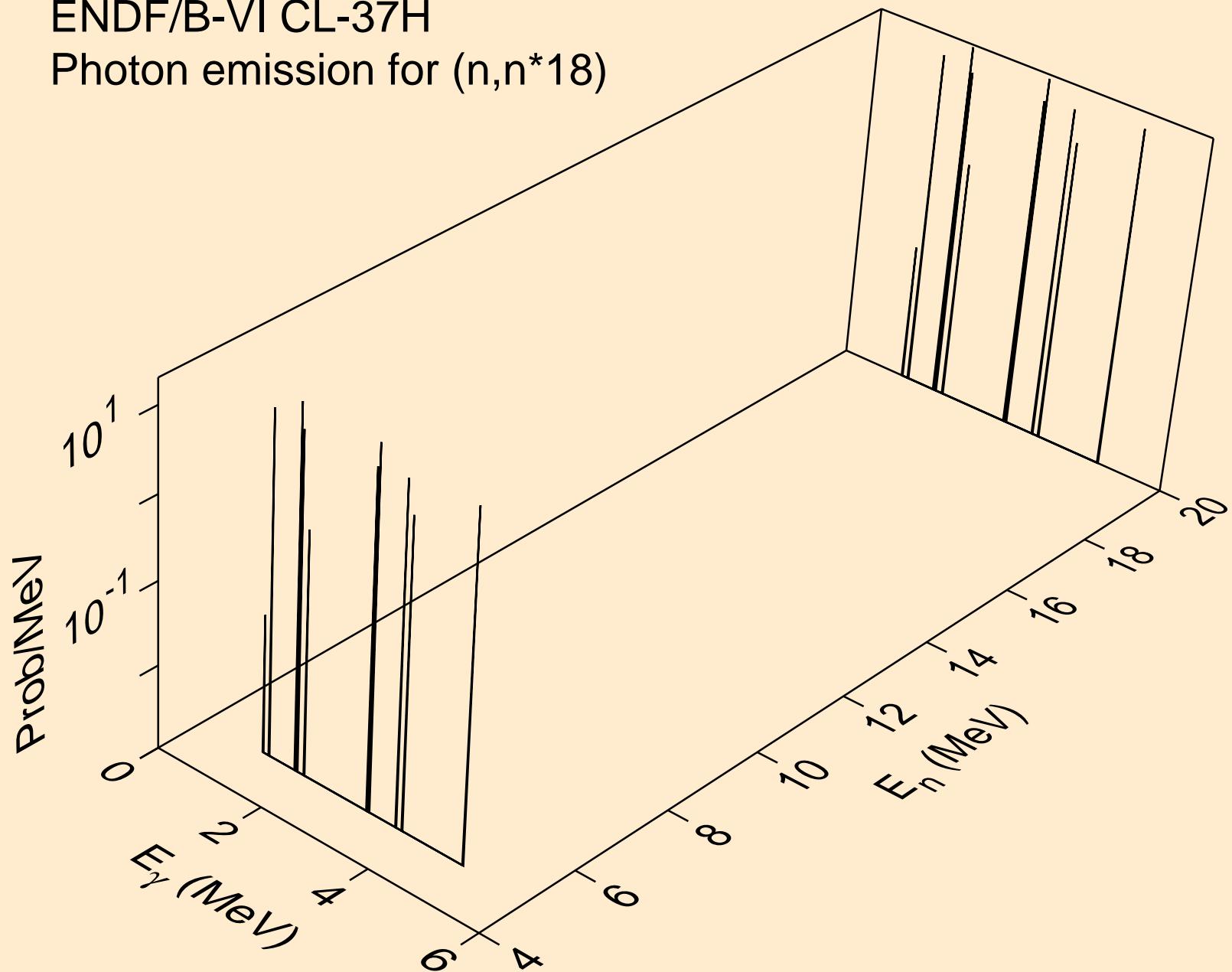
ENDF/B-VI CL-37H  
Photon emission for ( $n, n^* 16$ )



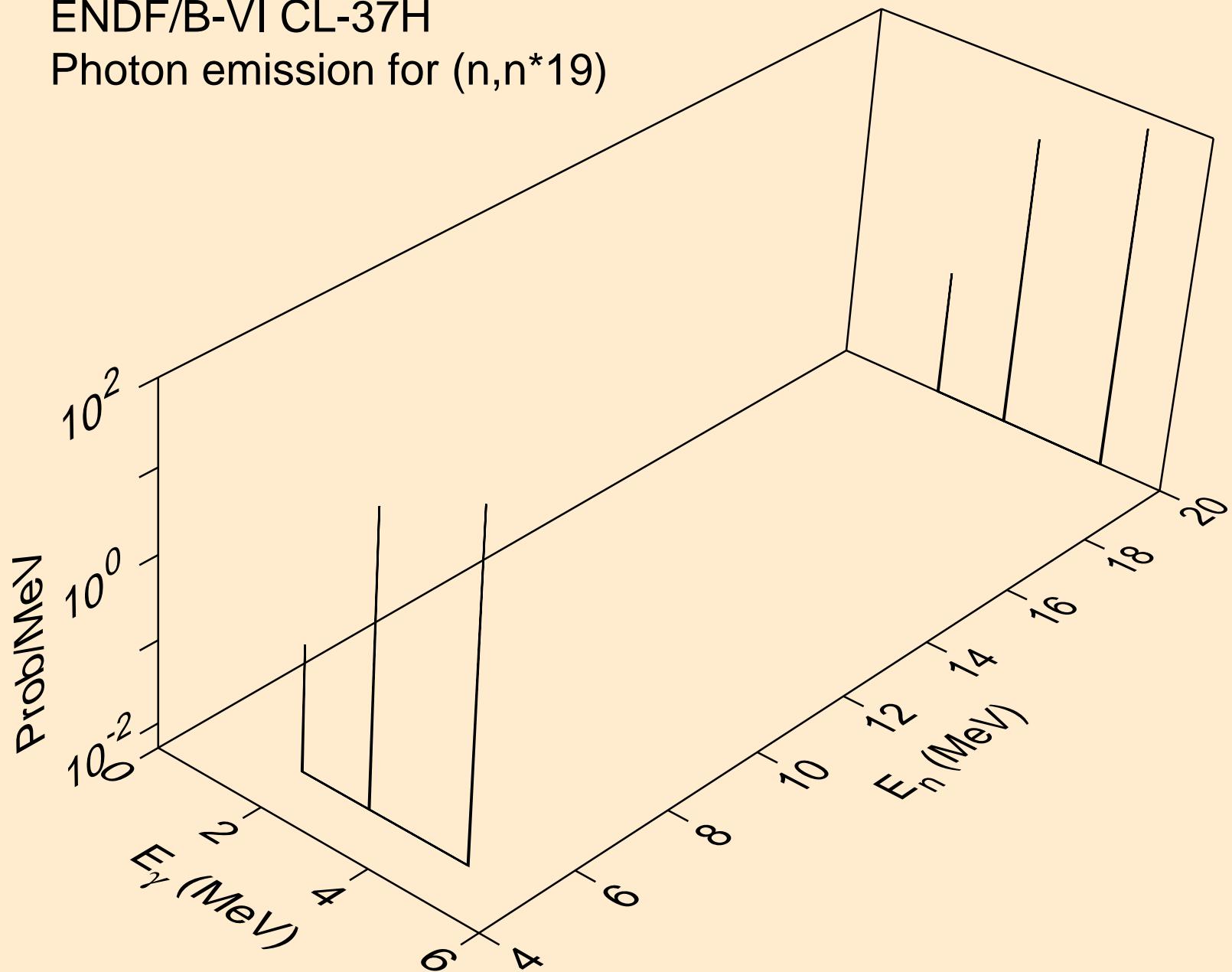
ENDF/B-VI CL-37H  
Photon emission for ( $n, n^* 17$ )



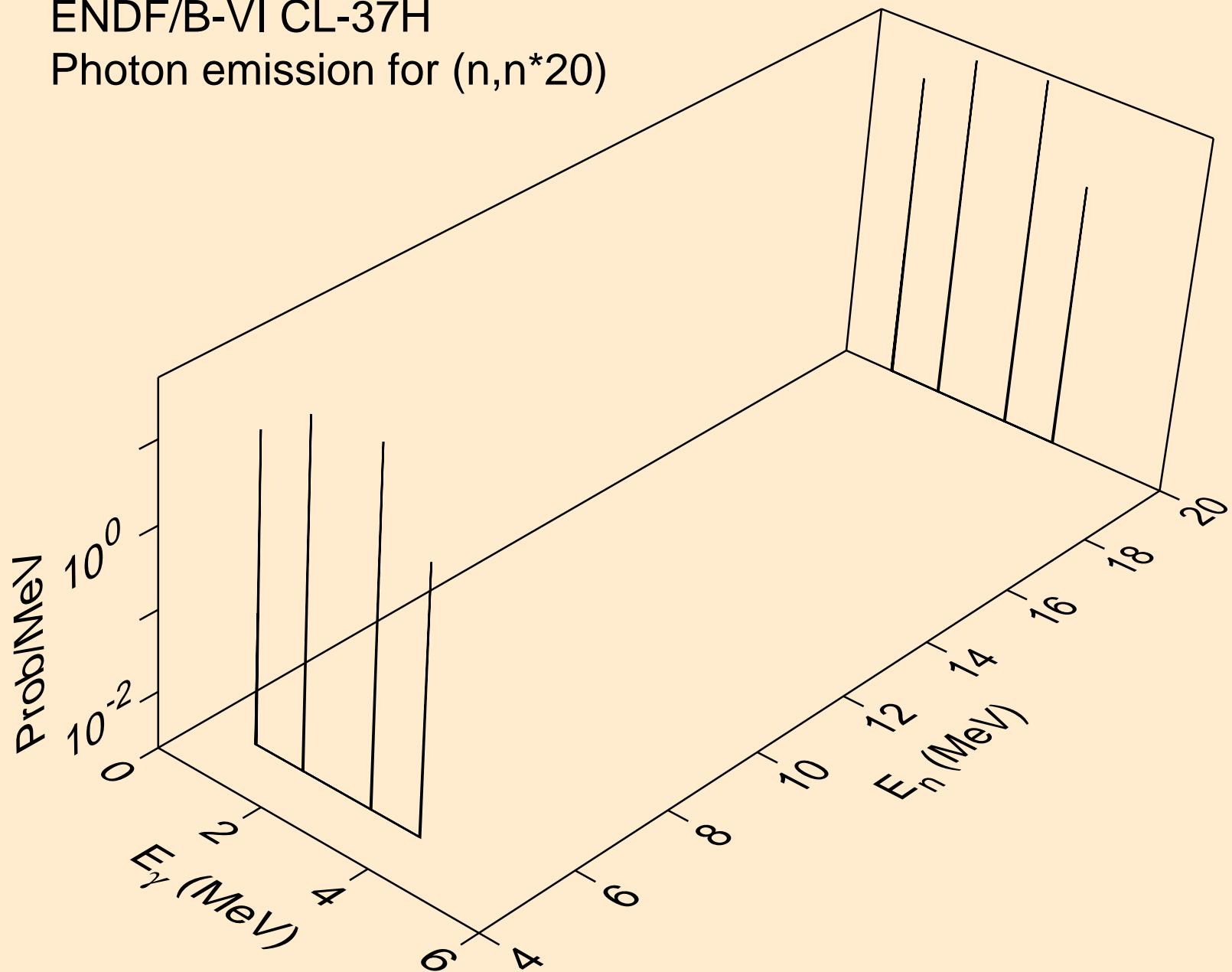
ENDF/B-VI CL-37H  
Photon emission for ( $n, n^* 18$ )



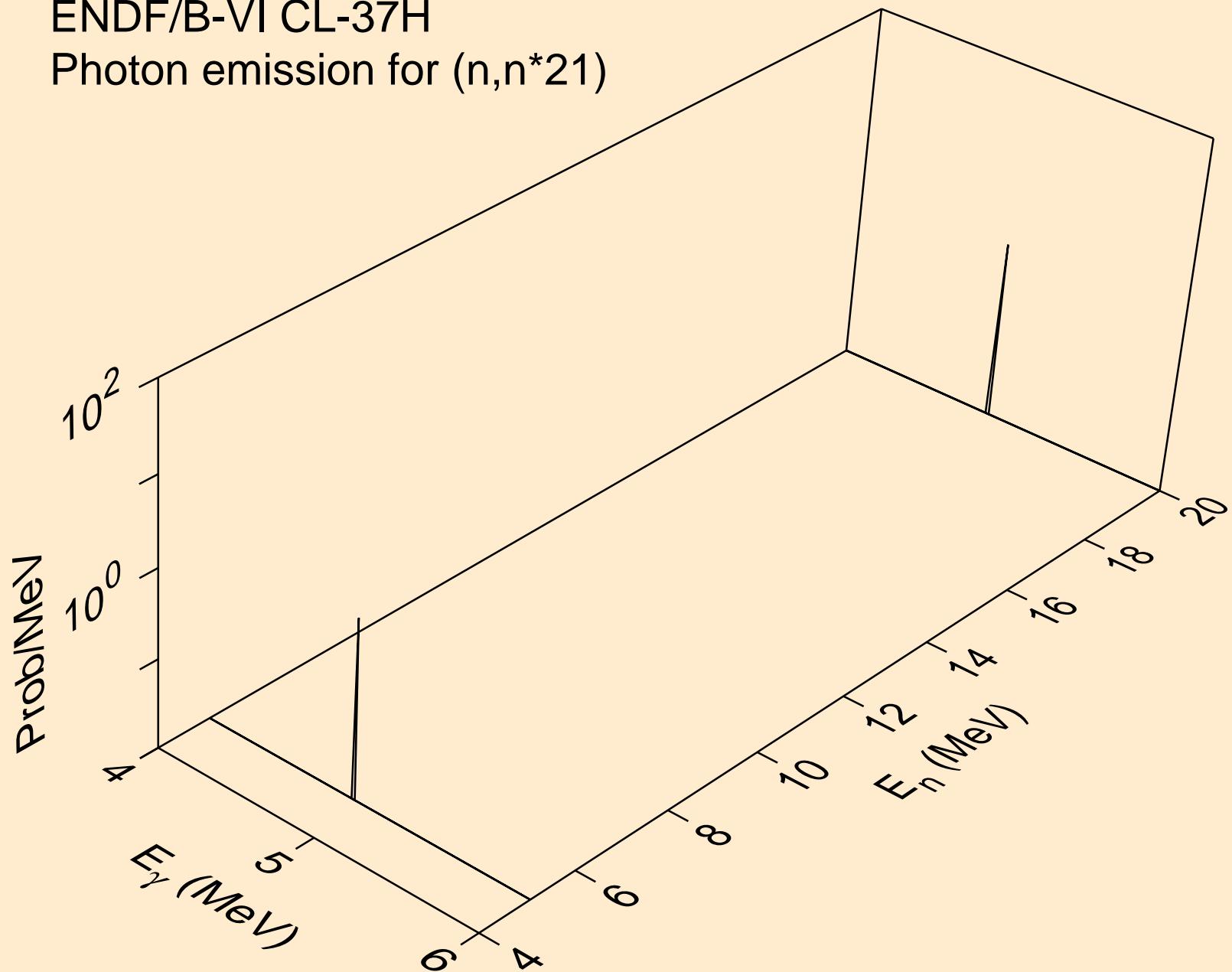
ENDF/B-VI CL-37H  
Photon emission for ( $n, n^* 19$ )



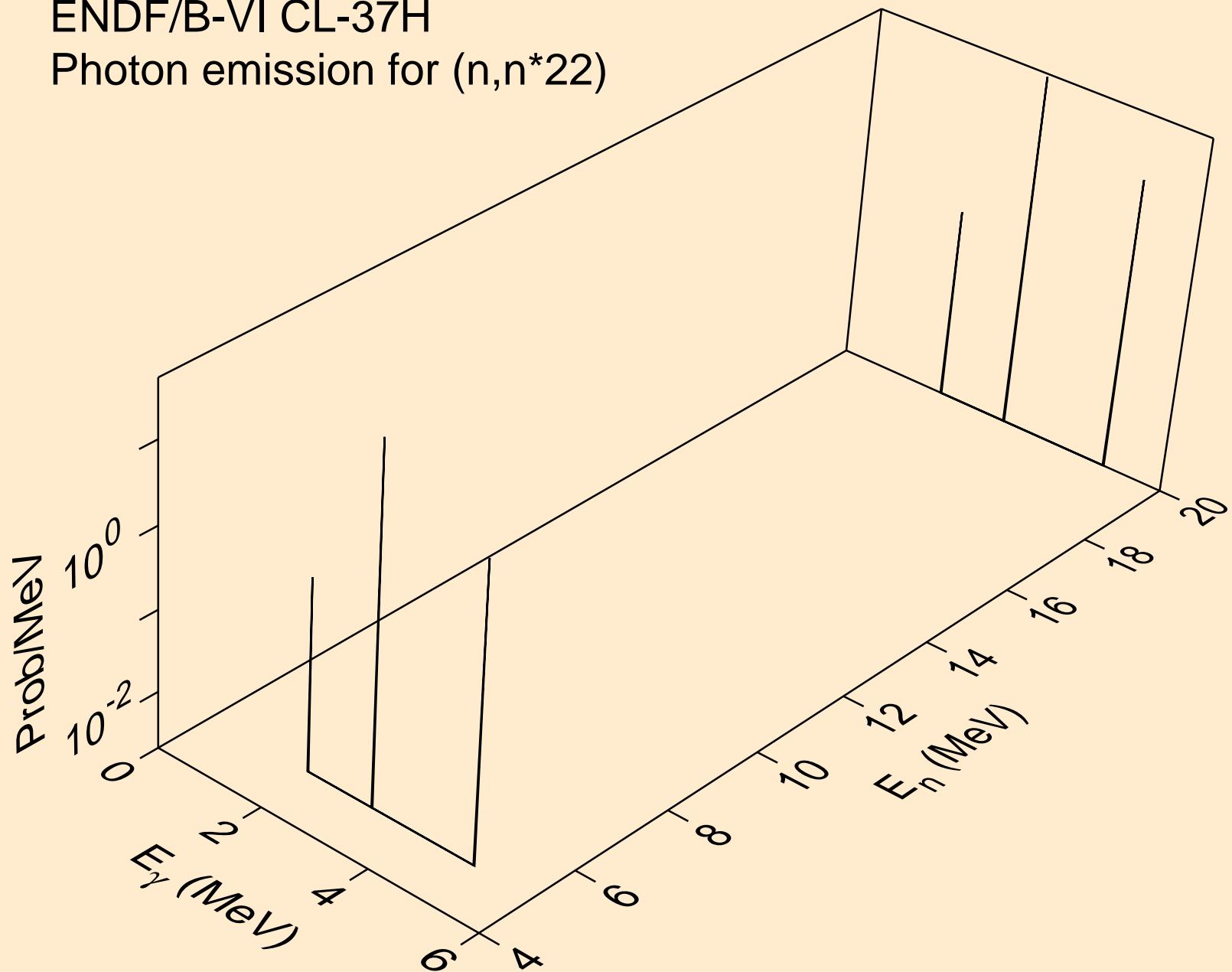
ENDF/B-VI CL-37H  
Photon emission for (n,n\*20)



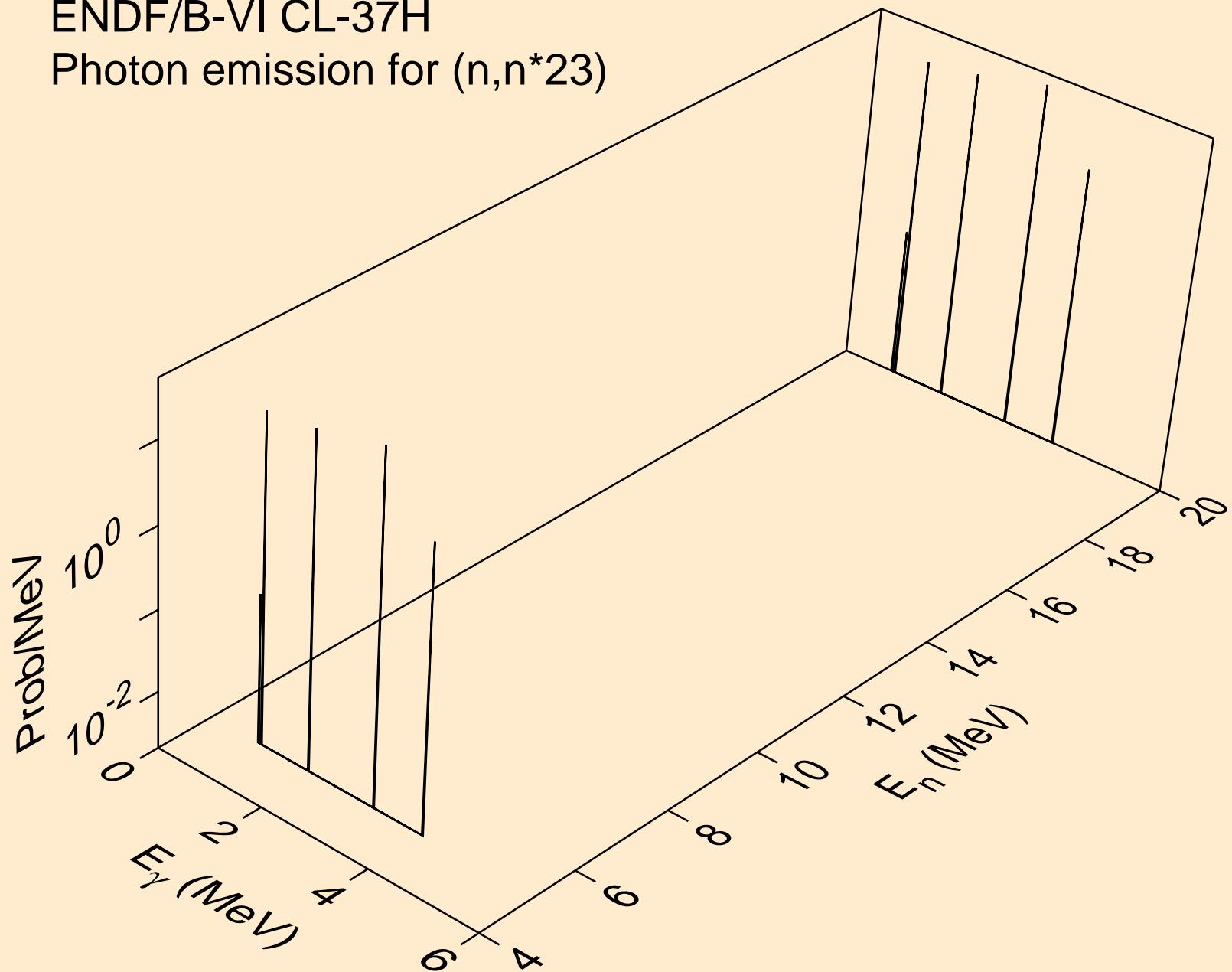
ENDF/B-VI CL-37H  
Photon emission for (n,n\*21)



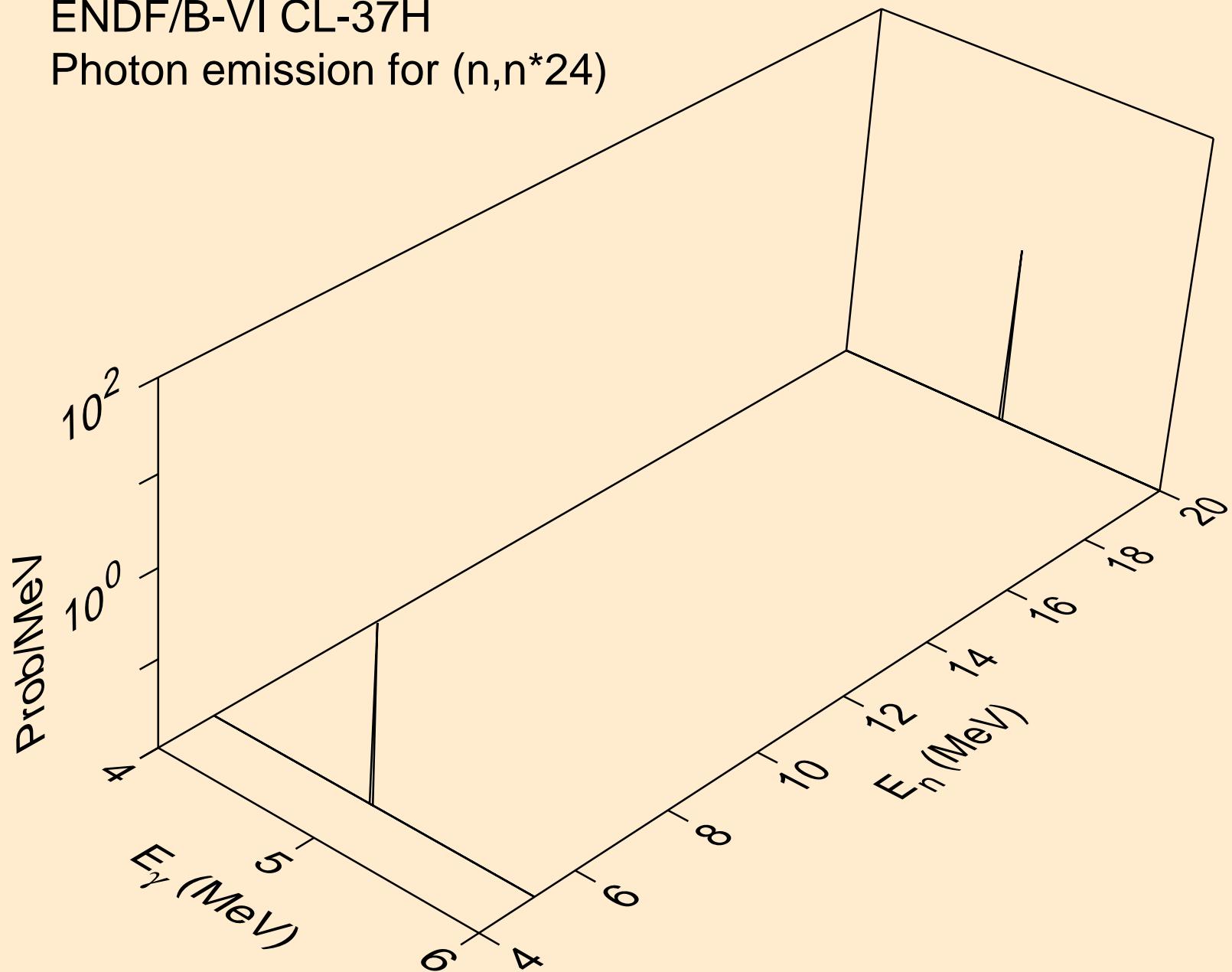
ENDF/B-VI CL-37H  
Photon emission for ( $n, n^* 22$ )



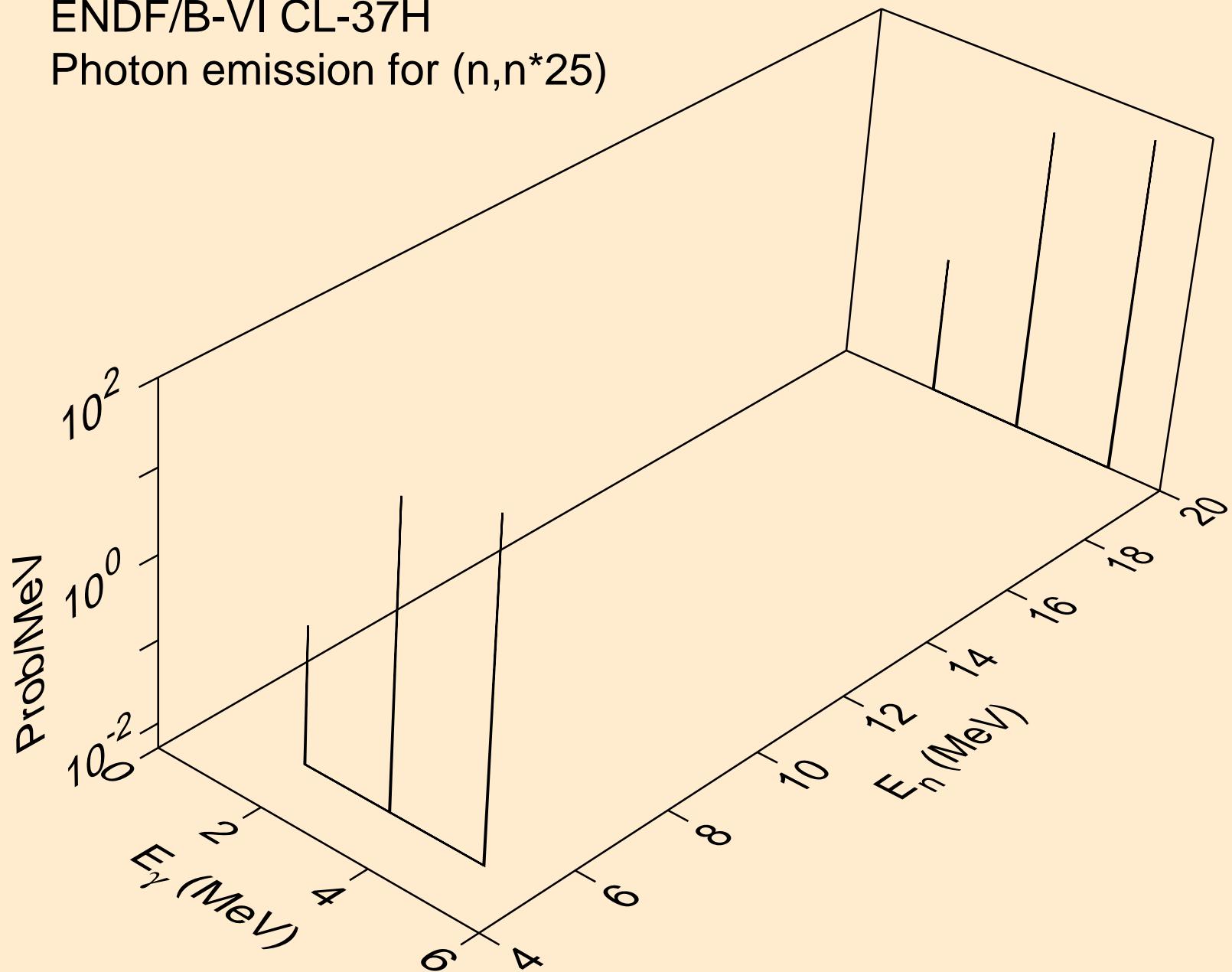
ENDF/B-VI CL-37H  
Photon emission for ( $n, n^* 23$ )



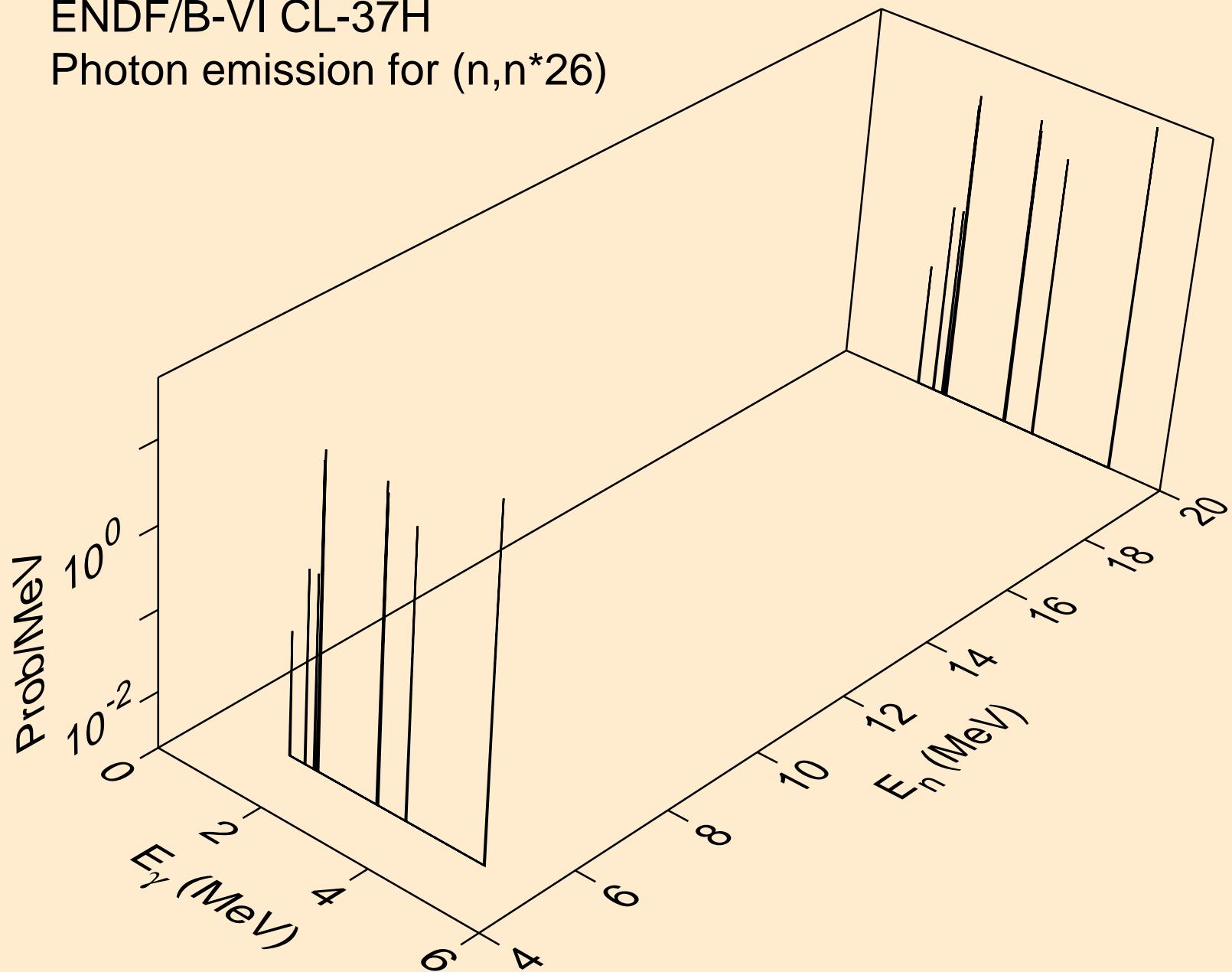
ENDF/B-VI CL-37H  
Photon emission for ( $n, n^* 24$ )



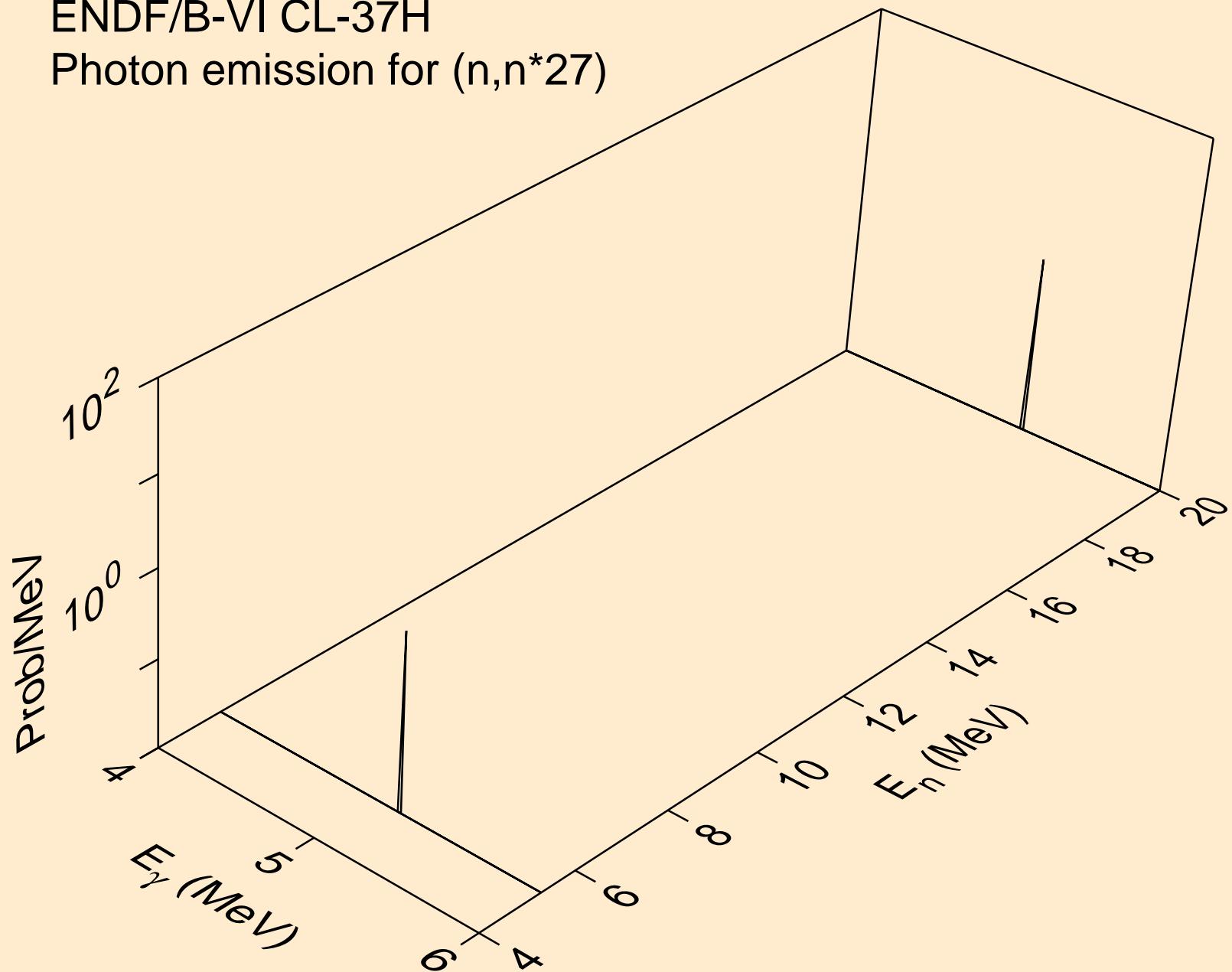
ENDF/B-VI CL-37H  
Photon emission for ( $n, n^* 25$ )



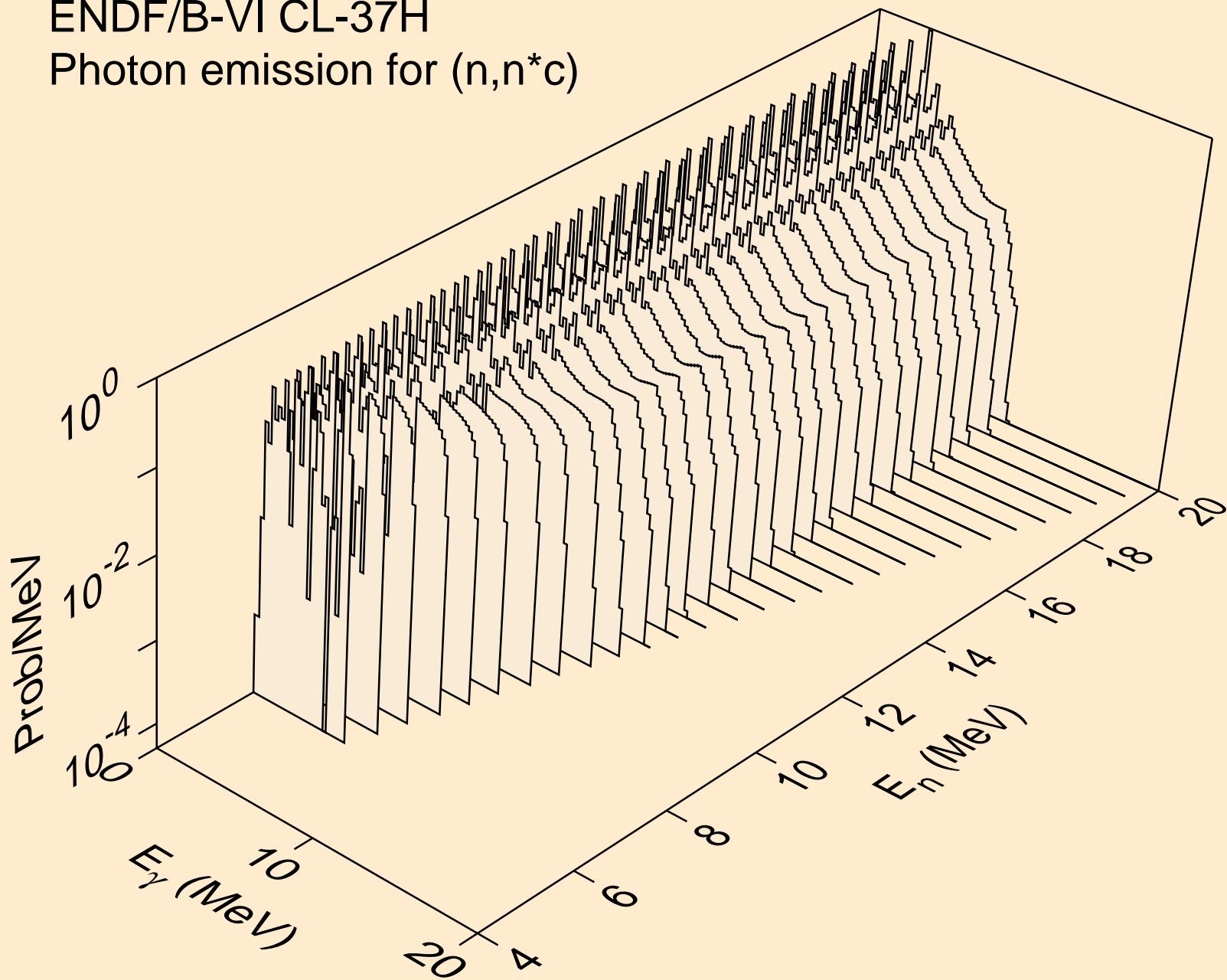
ENDF/B-VI CL-37H  
Photon emission for ( $n, n^* 26$ )



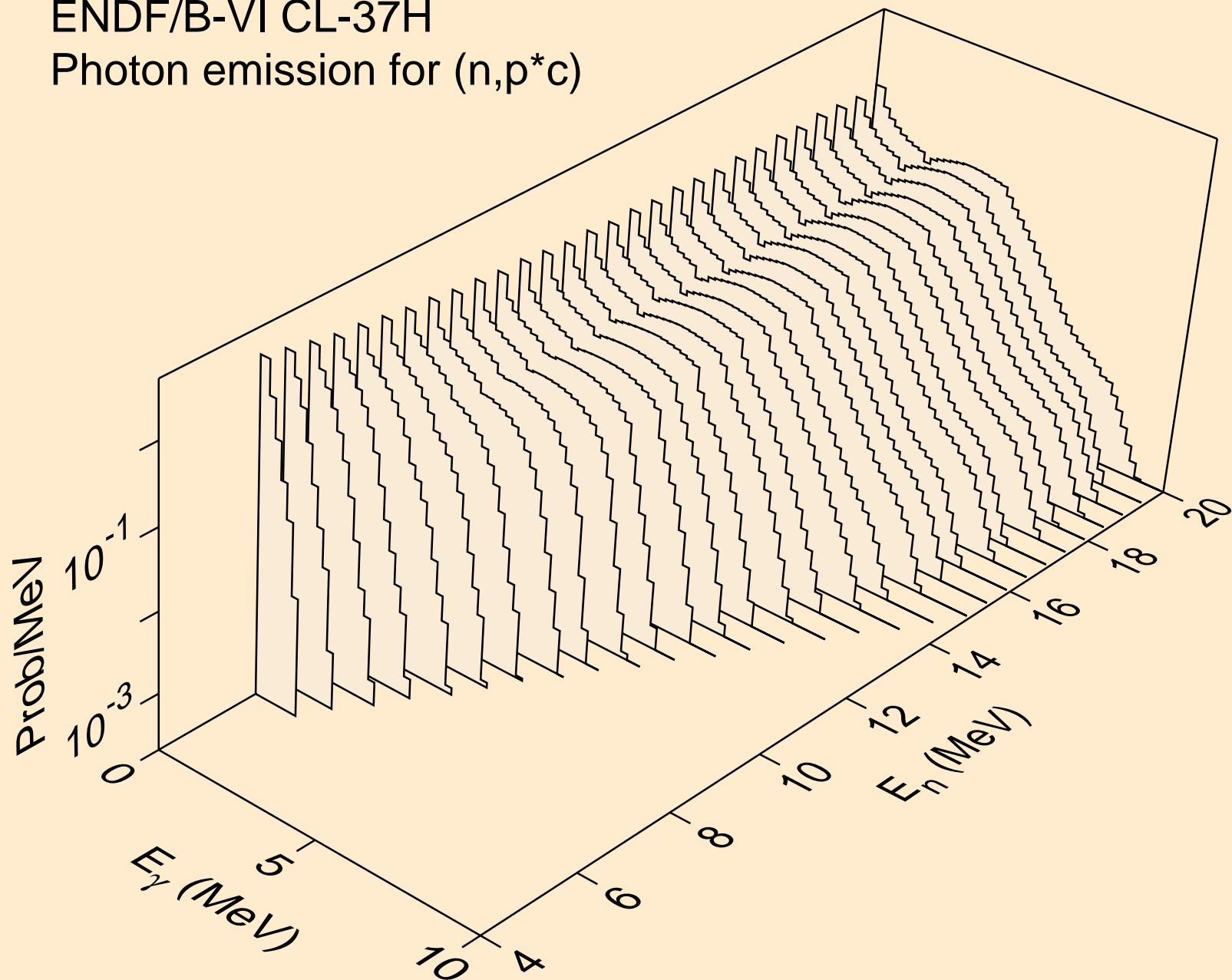
ENDF/B-VI CL-37H  
Photon emission for ( $n, n^* 27$ )



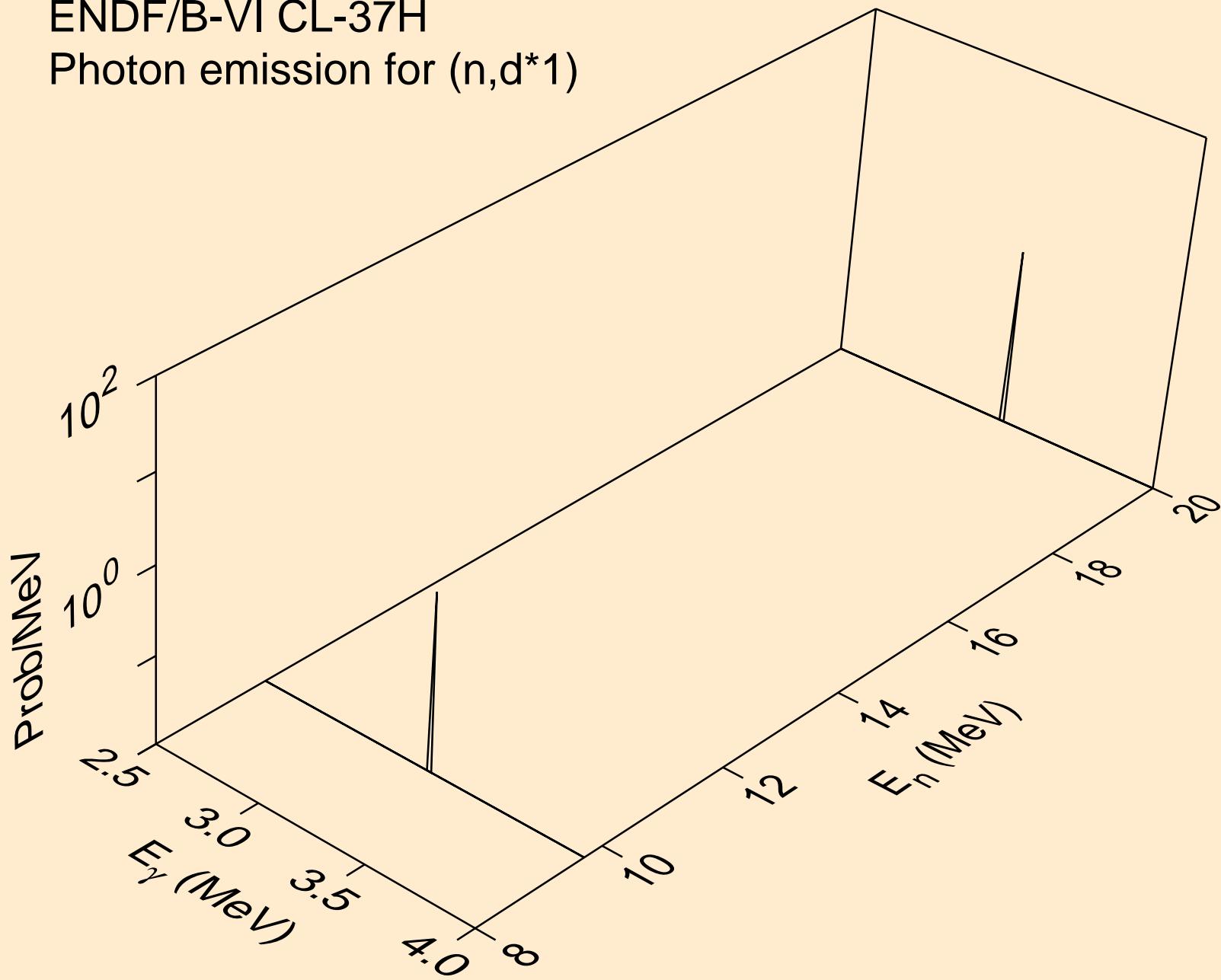
ENDF/B-VI CL-37H  
Photon emission for  $(n, n^* c)$



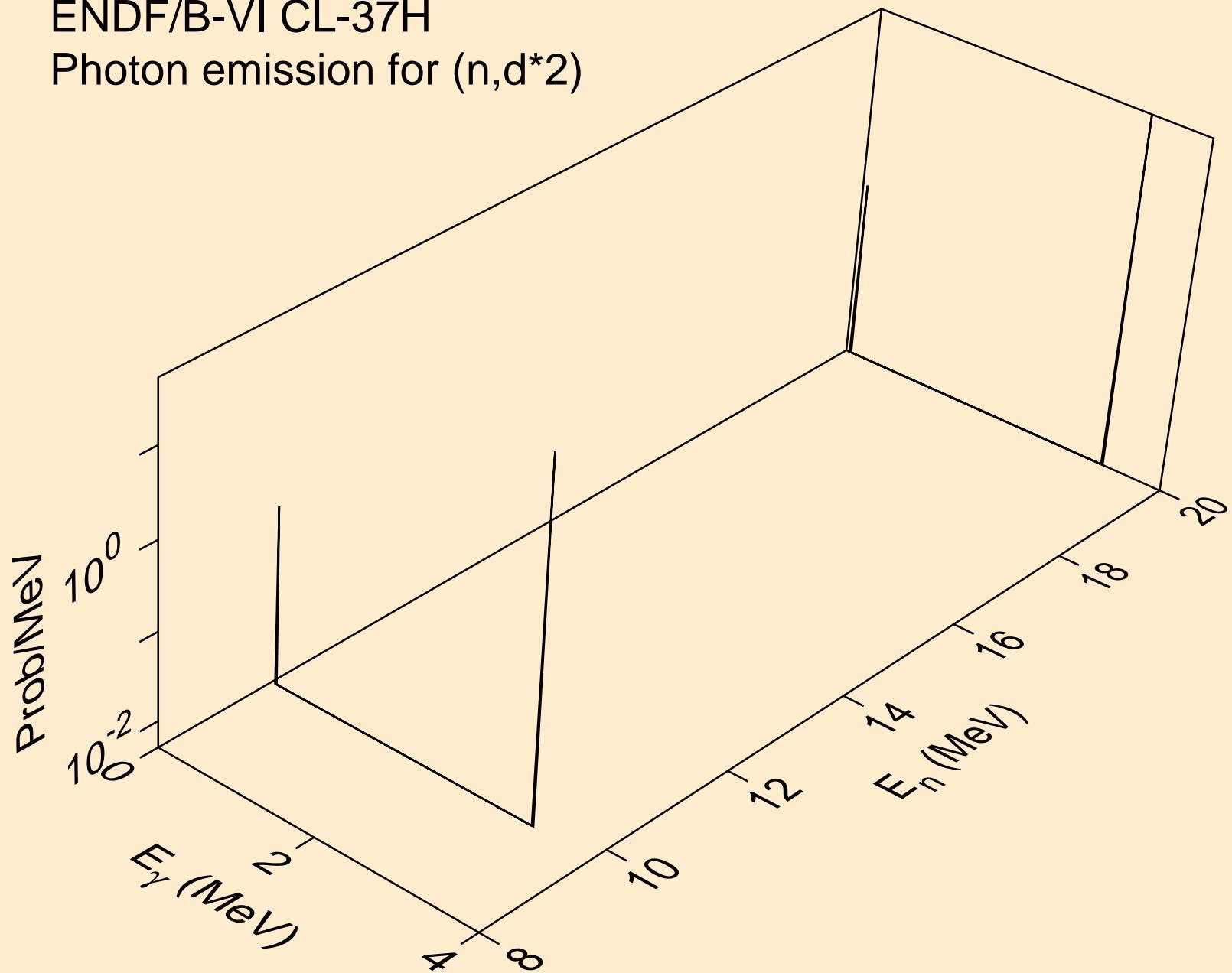
ENDF/B-VI CL-37H  
Photon emission for  $(n, p^* c)$



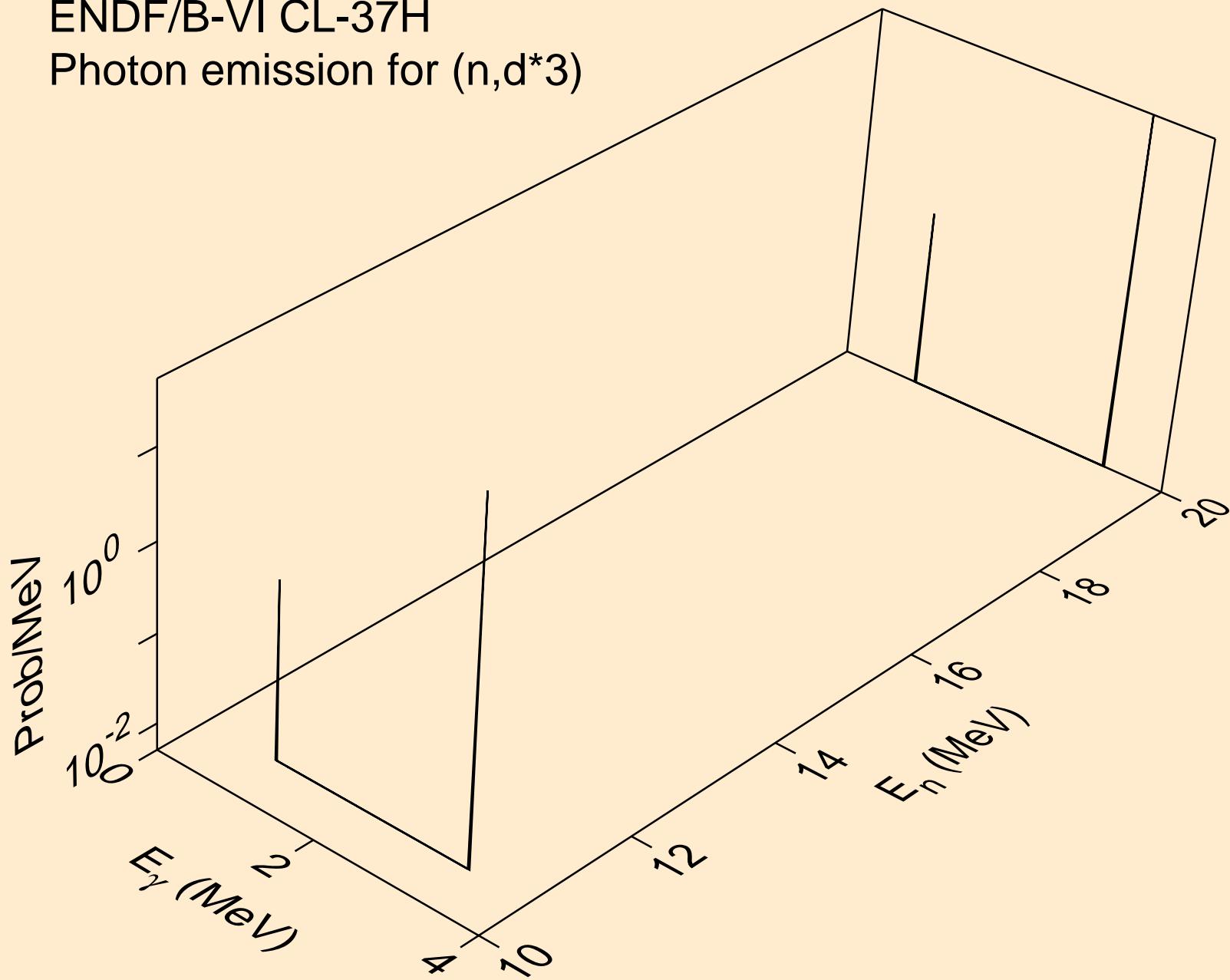
ENDF/B-VI CL-37H  
Photon emission for (n,d\*1)



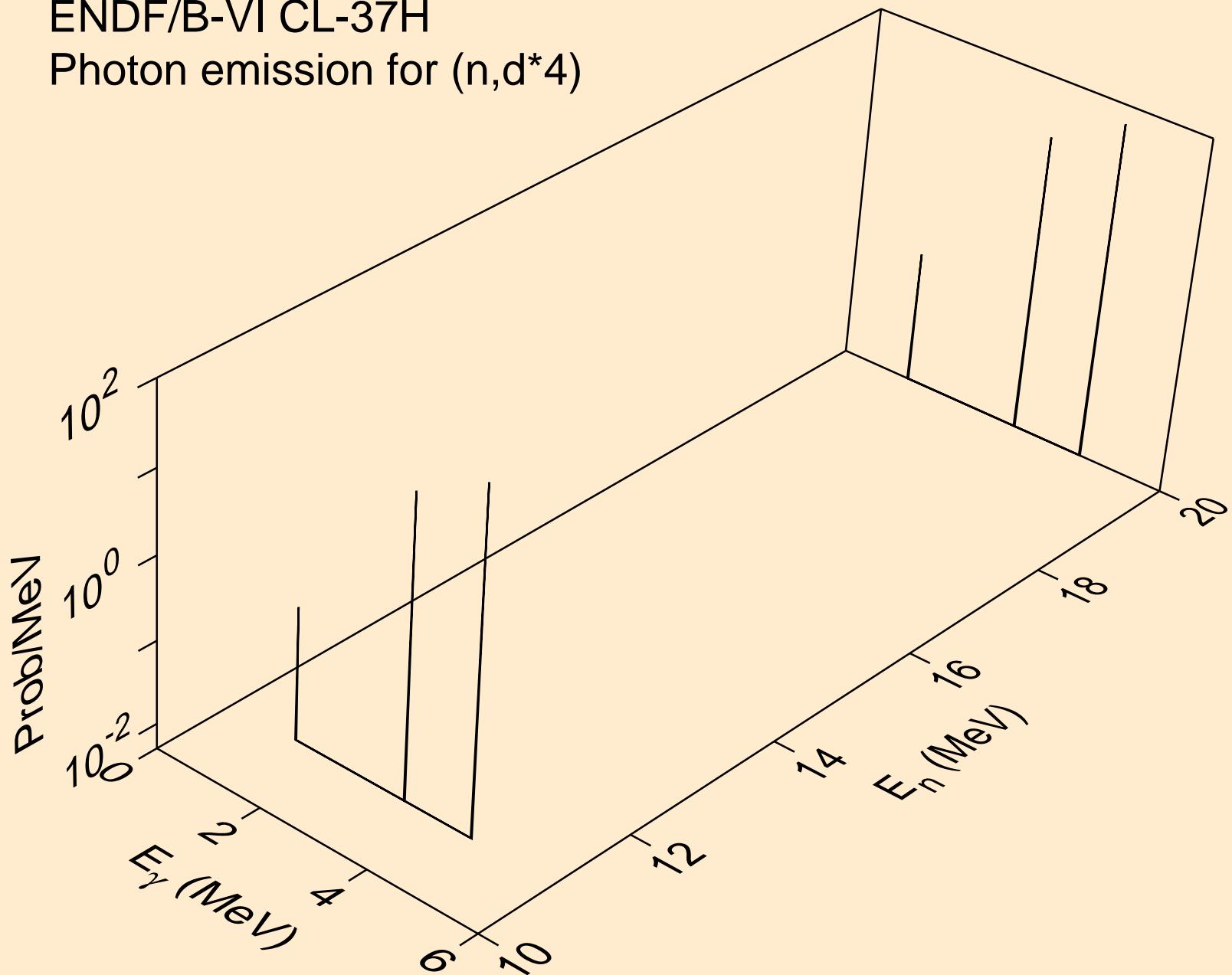
ENDF/B-VI CL-37H  
Photon emission for (n,d\*2)



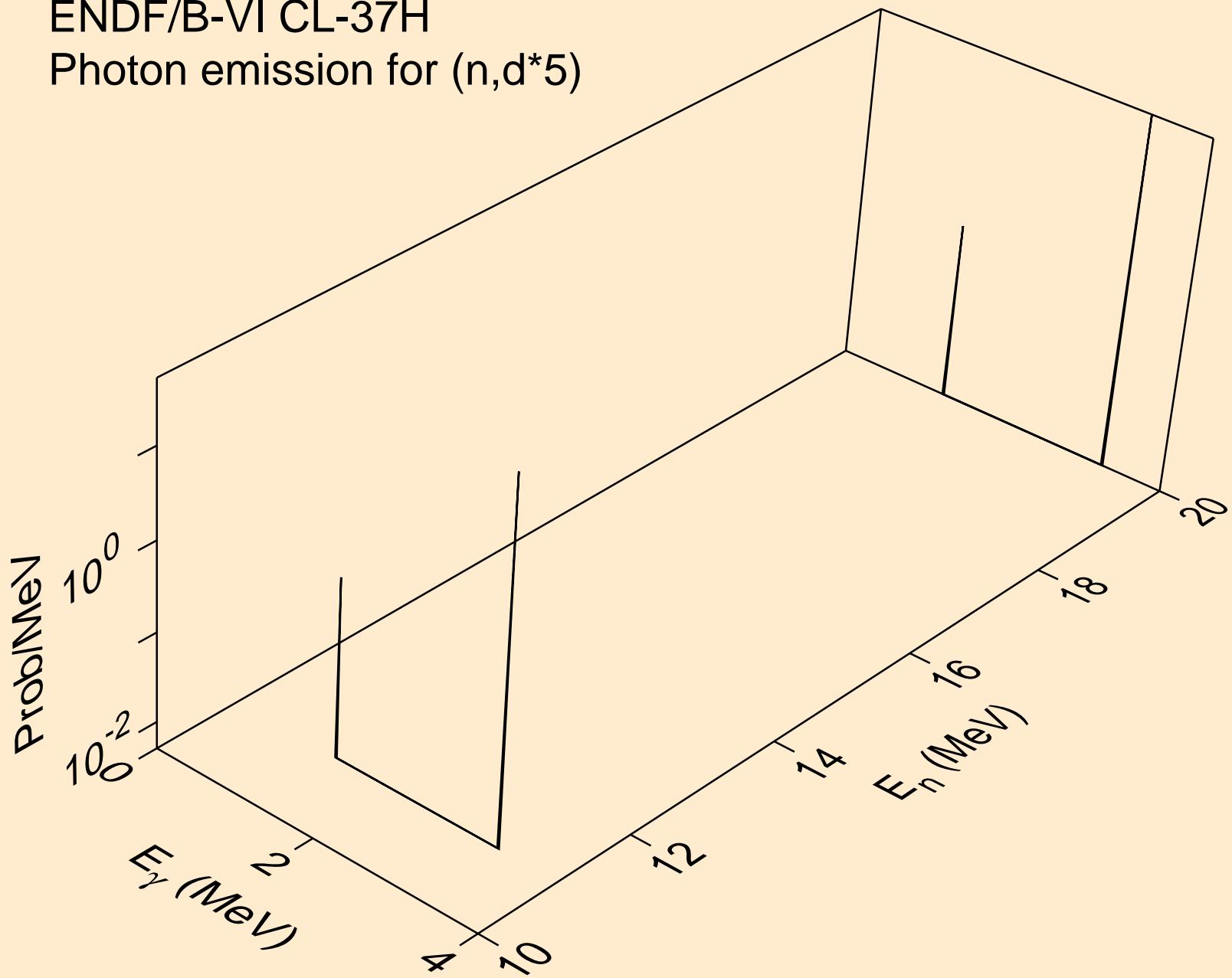
ENDF/B-VI CL-37H  
Photon emission for (n,d\*3)



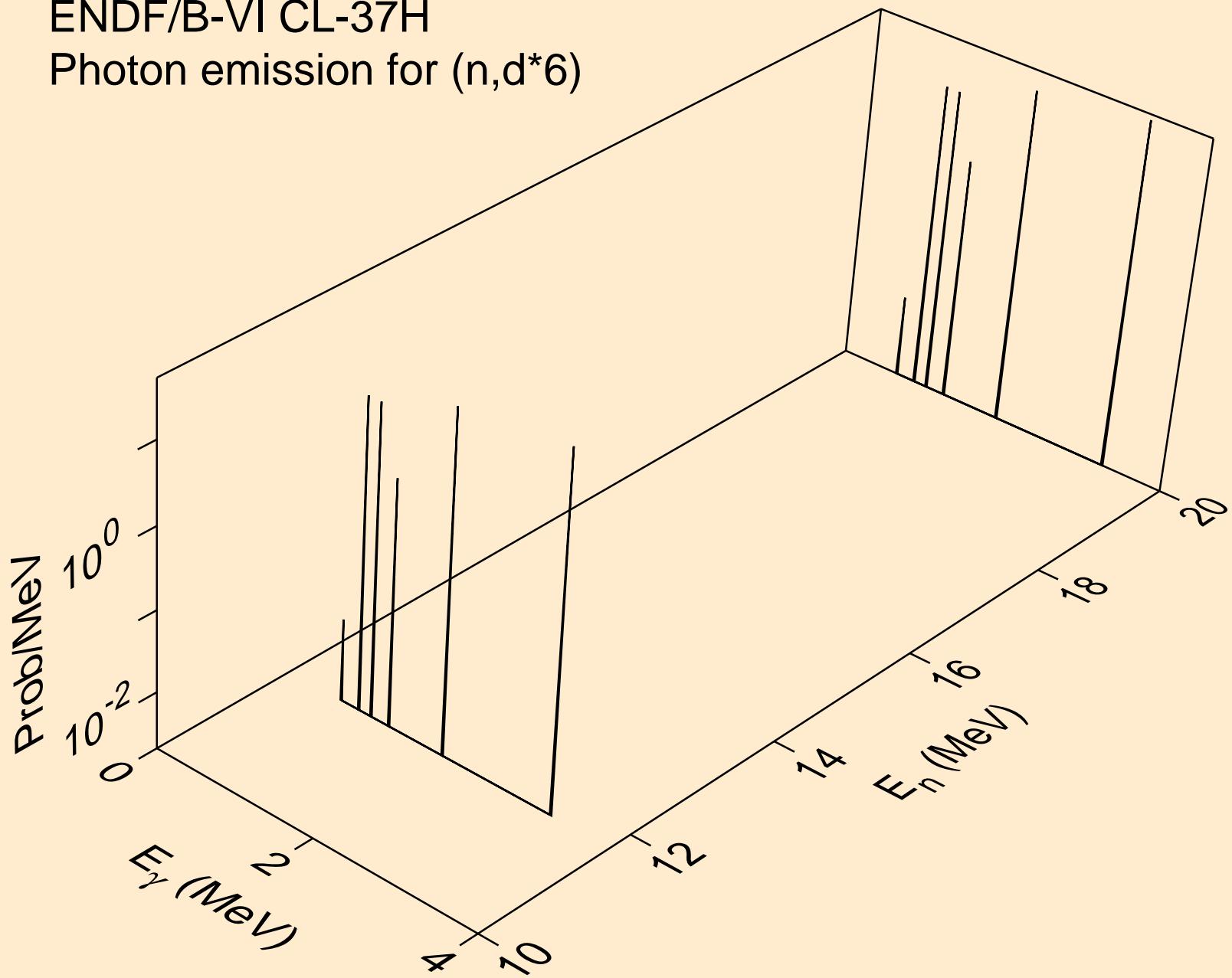
ENDF/B-VI CL-37H  
Photon emission for (n,d\*4)



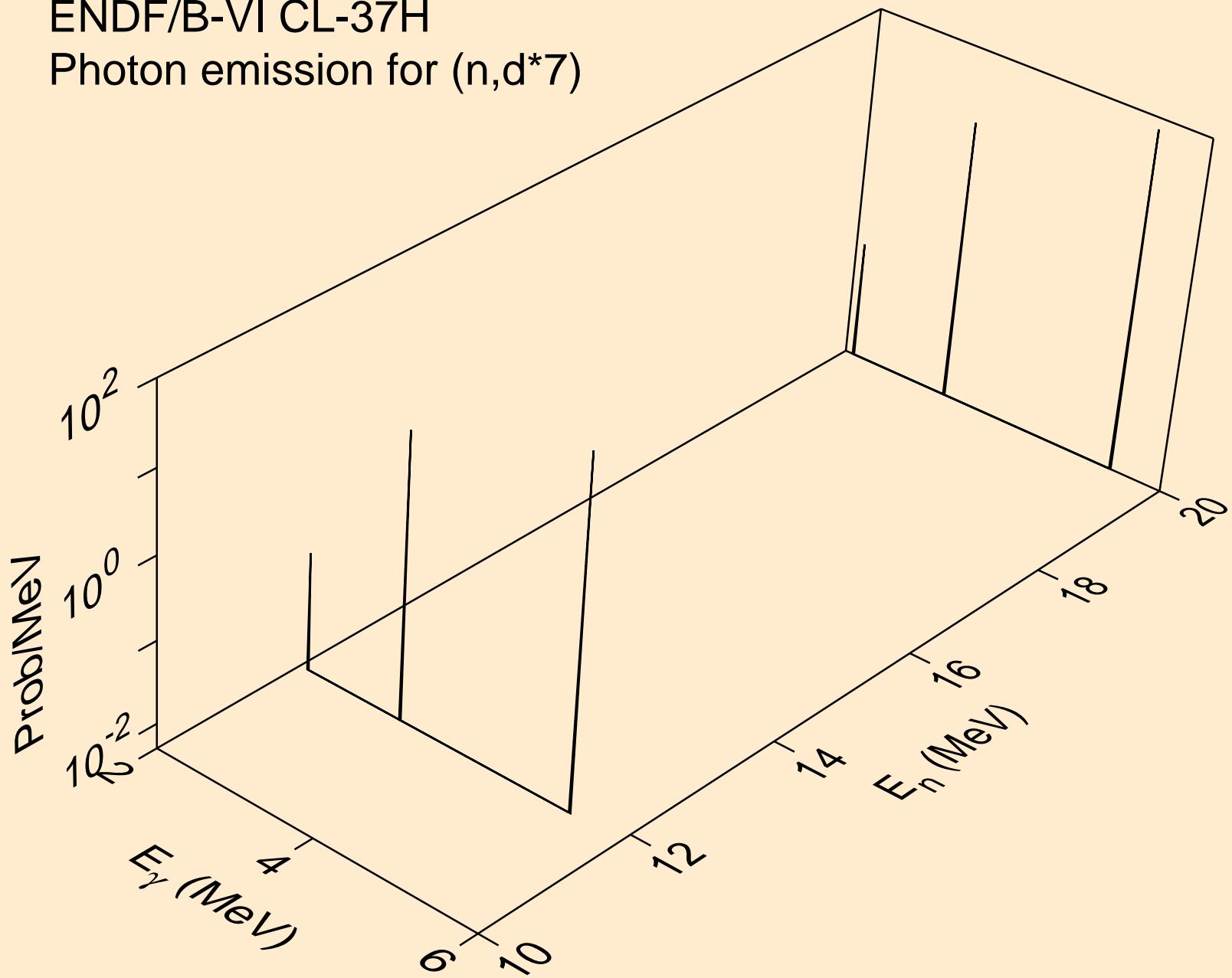
ENDF/B-VI CL-37H  
Photon emission for (n,d\*5)



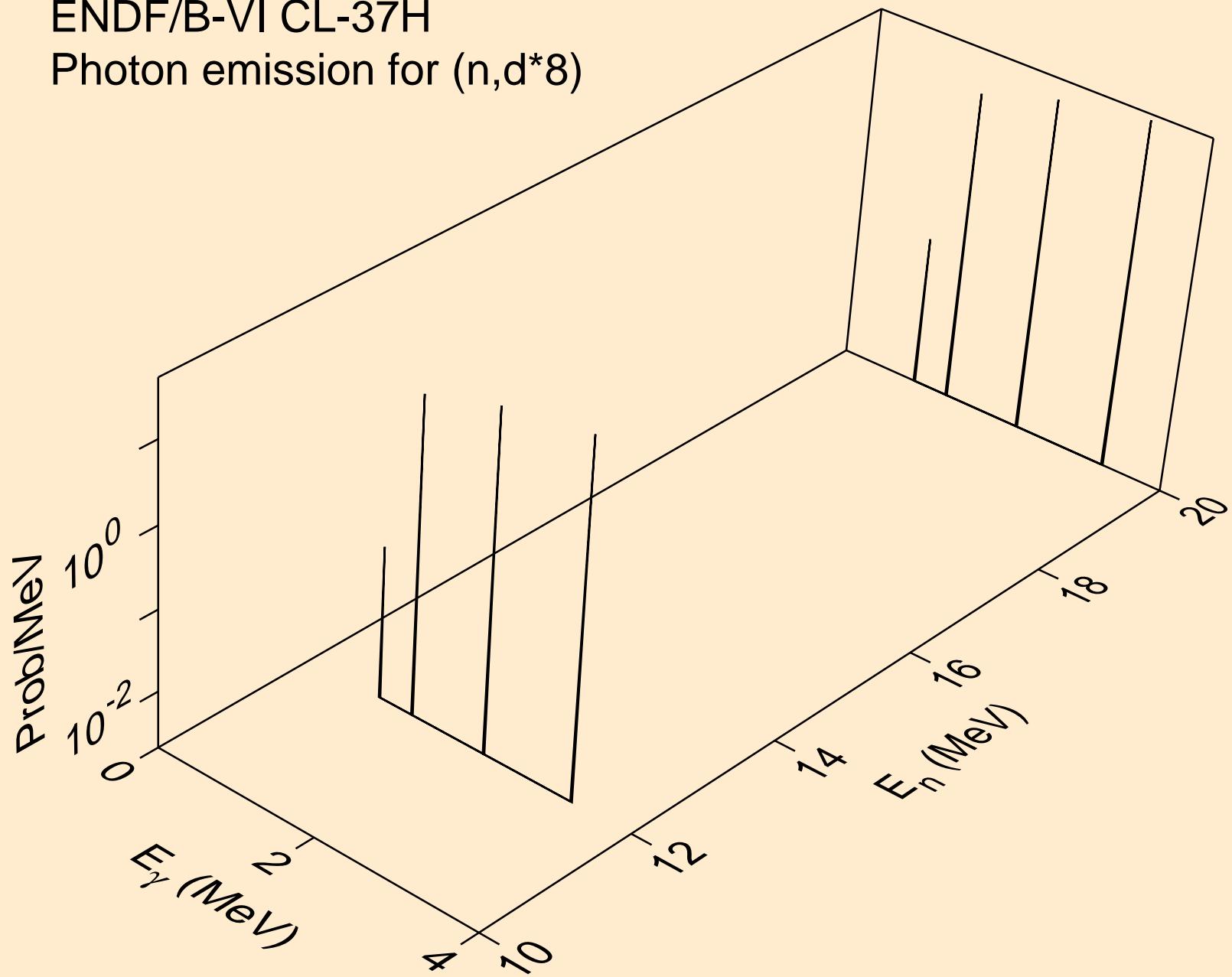
ENDF/B-VI CL-37H  
Photon emission for (n,d\*6)



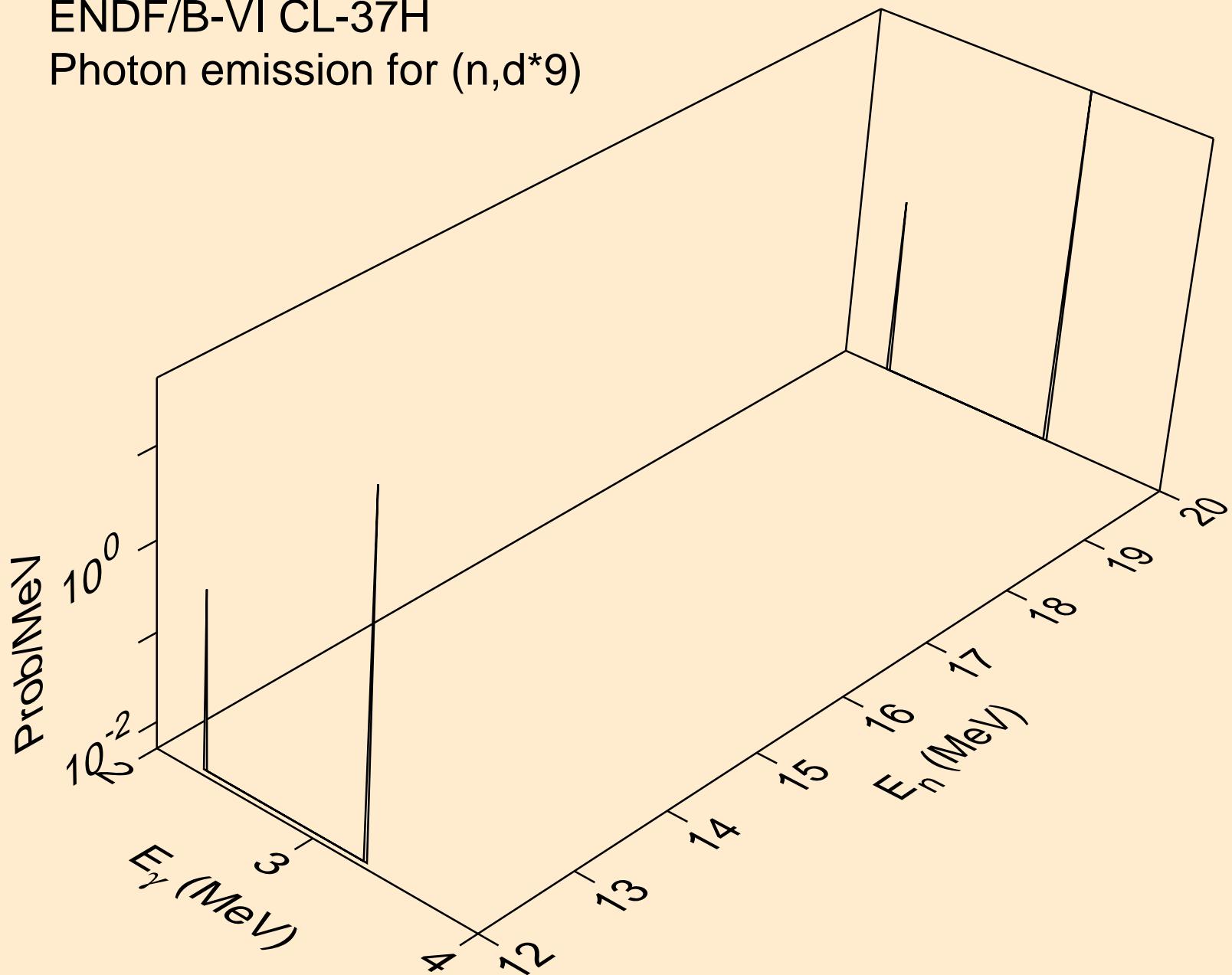
ENDF/B-VI CL-37H  
Photon emission for (n,d\*7)



ENDF/B-VI CL-37H  
Photon emission for (n,d\*8)

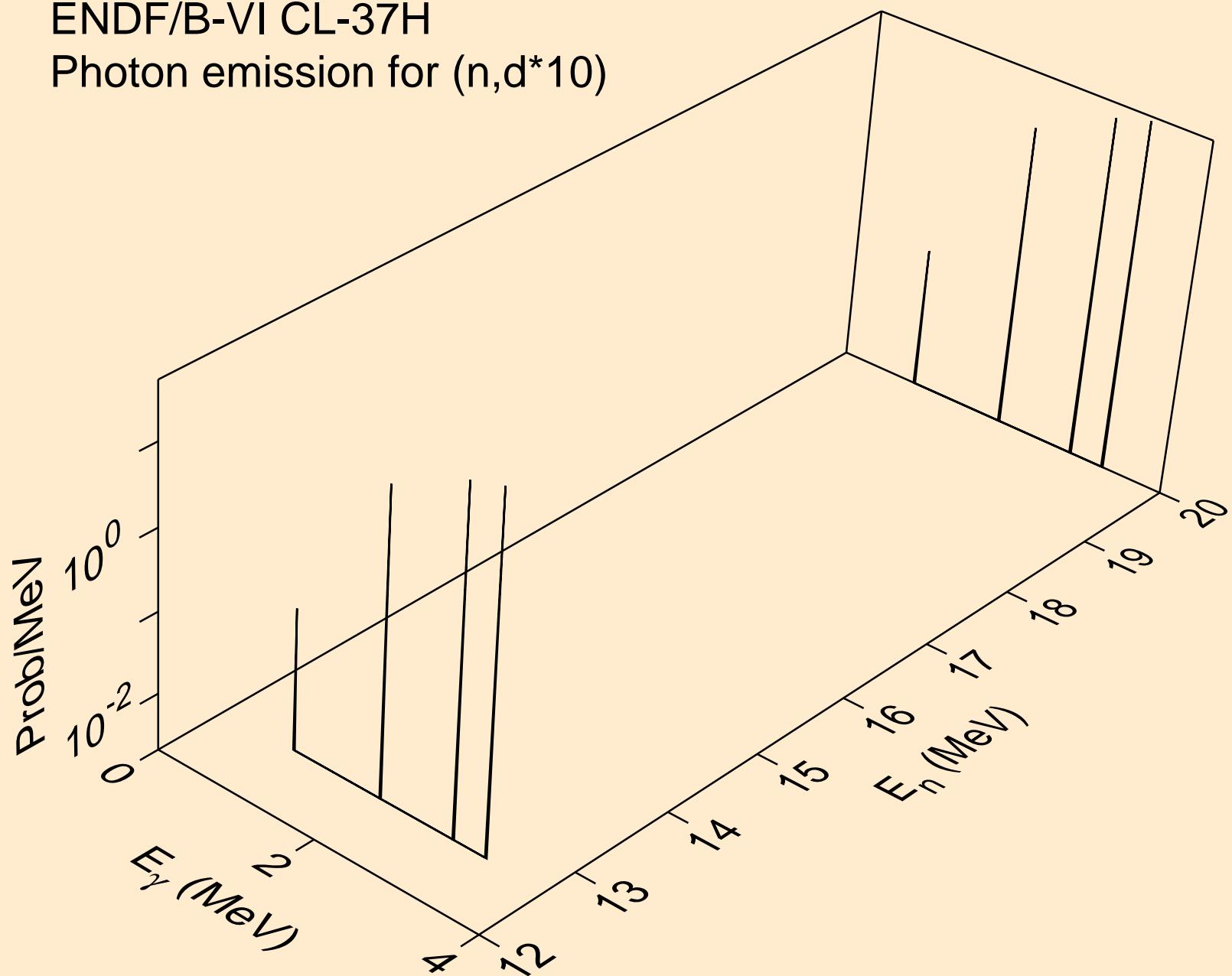


ENDF/B-VI CL-37H  
Photon emission for (n,d\*9)

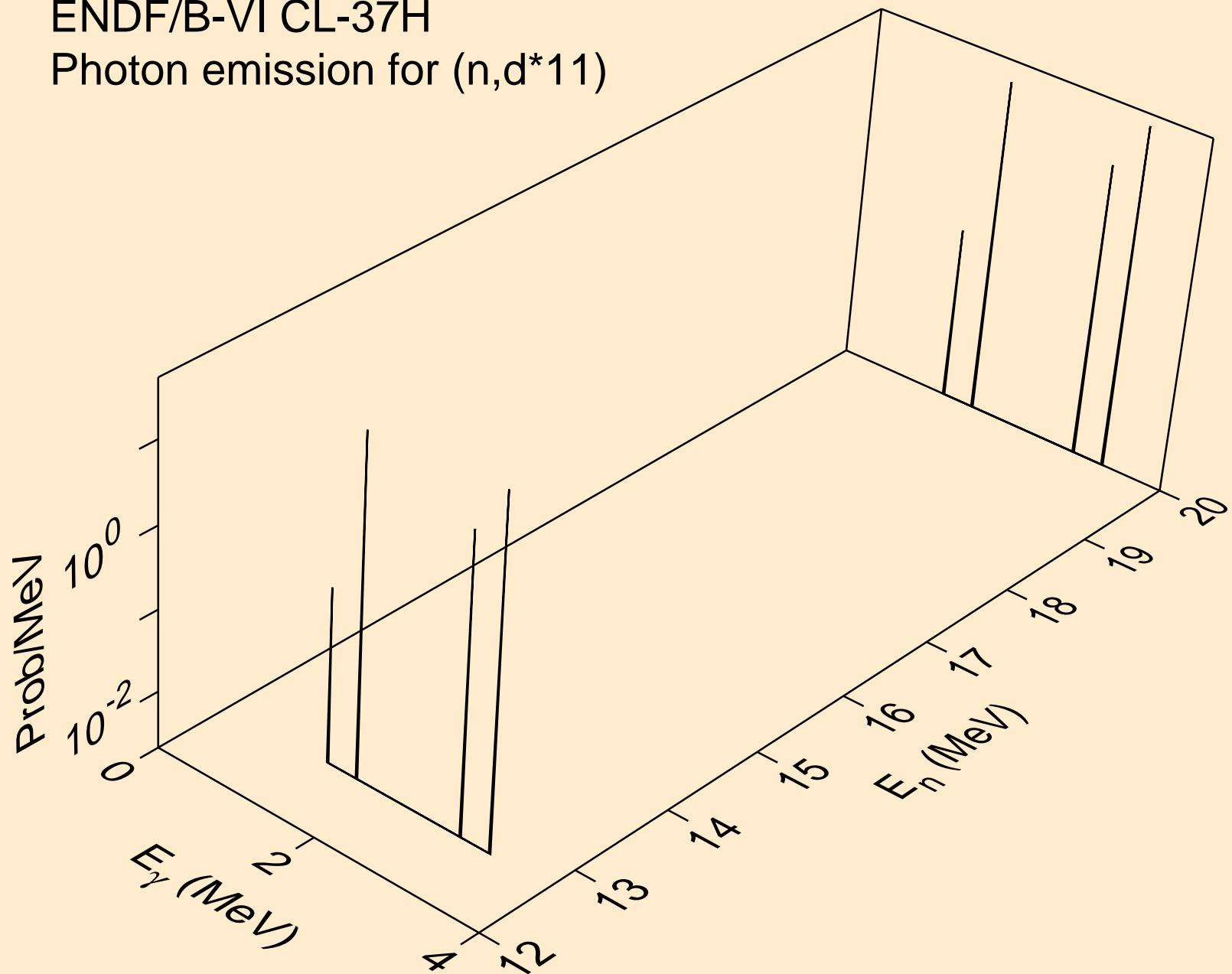


# ENDF/B-VI CL-37H

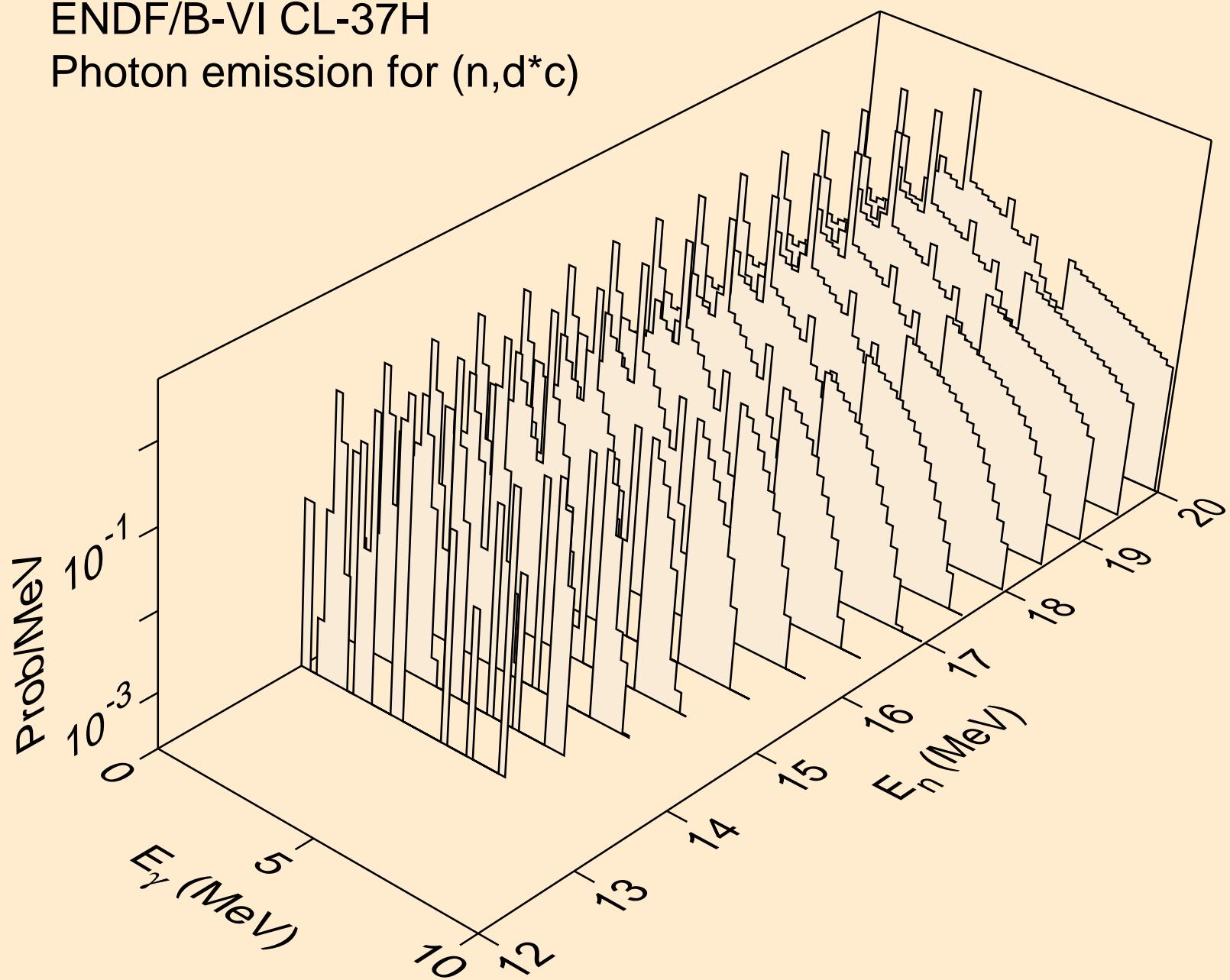
## Photon emission for (n,d\*10)



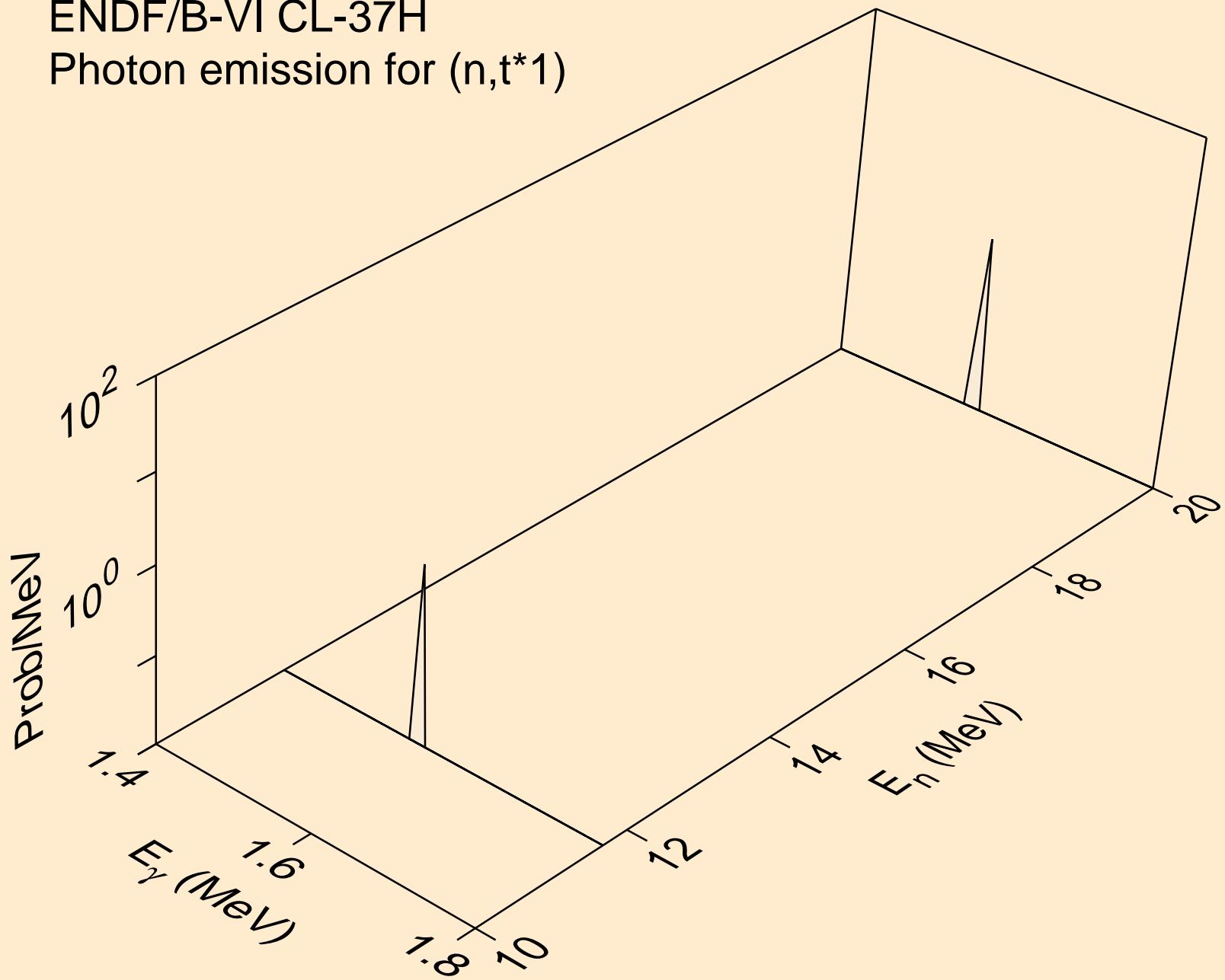
ENDF/B-VI CL-37H  
Photon emission for (n,d\*11)



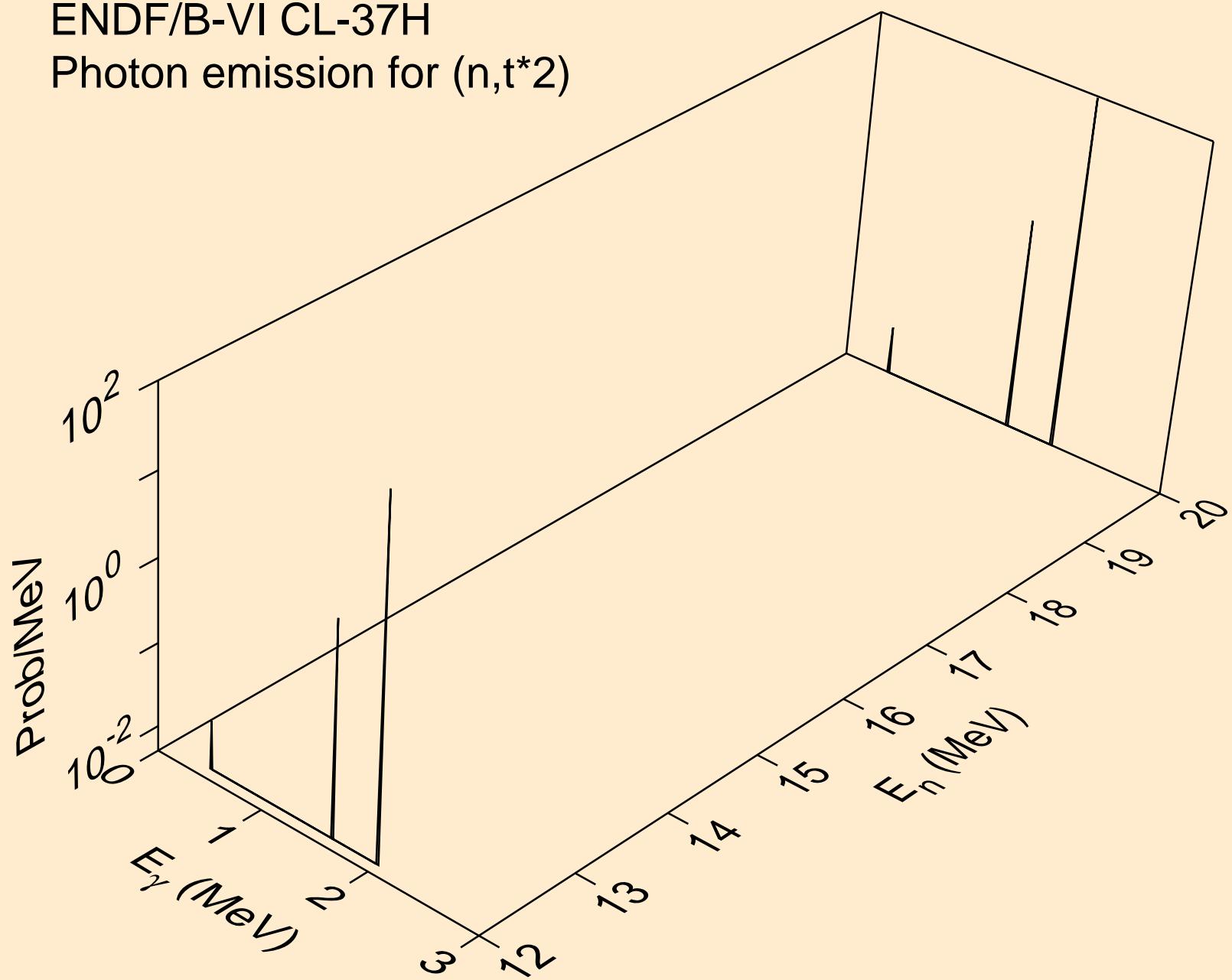
ENDF/B-VI CL-37H  
Photon emission for  $(n, d^* c)$



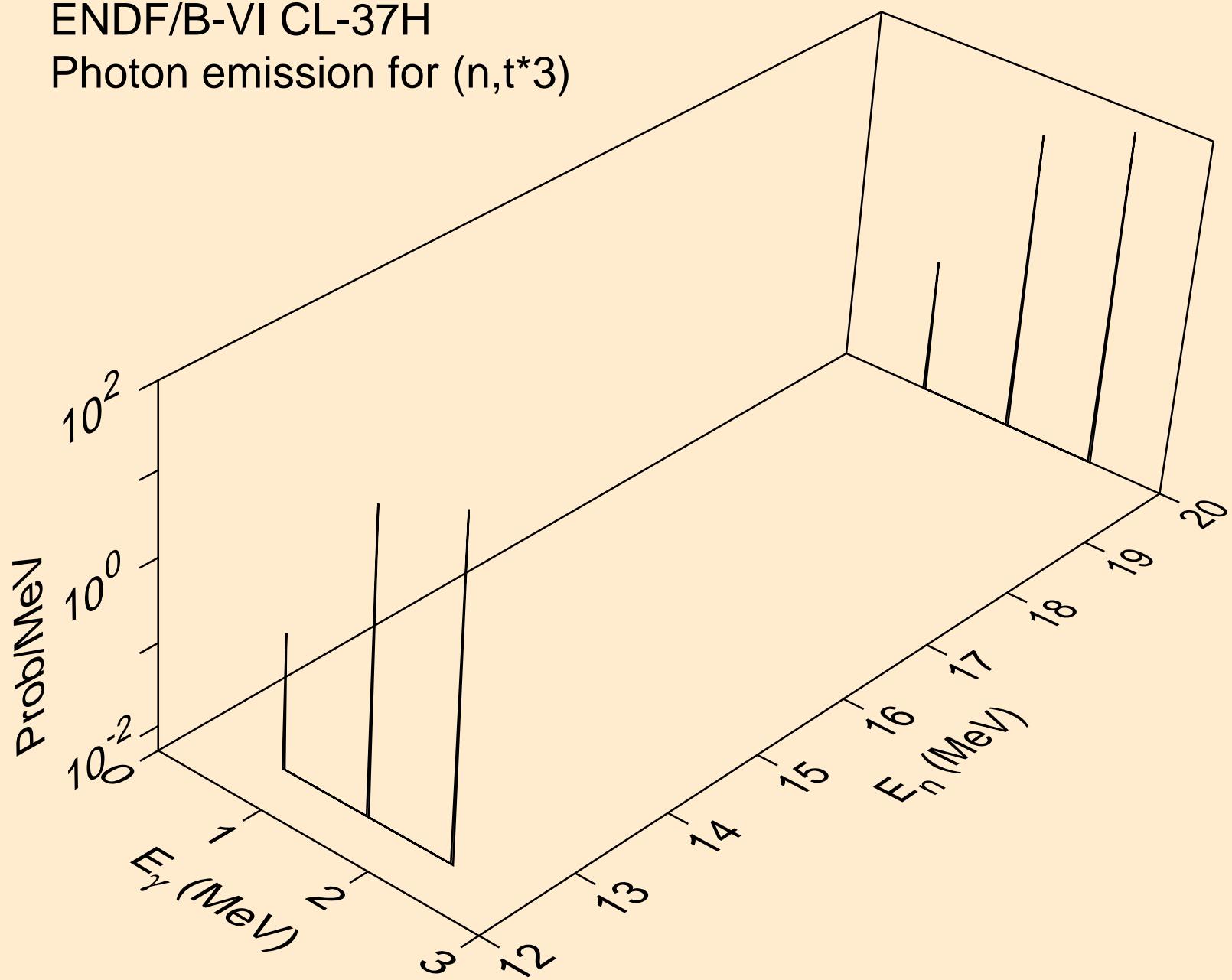
ENDF/B-VI CL-37H  
Photon emission for (n,t\*1)



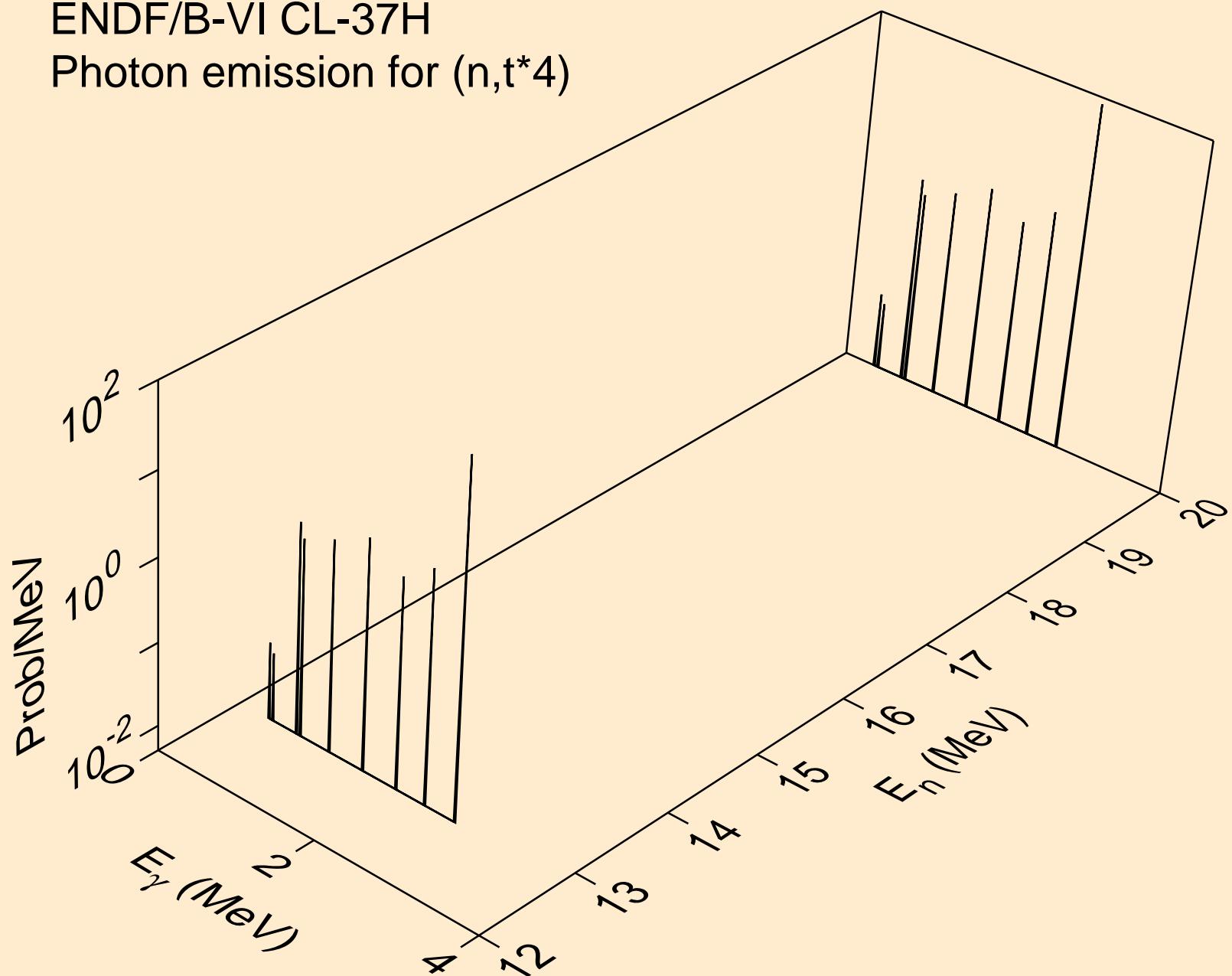
ENDF/B-VI CL-37H  
Photon emission for  $(n, t^* 2)$



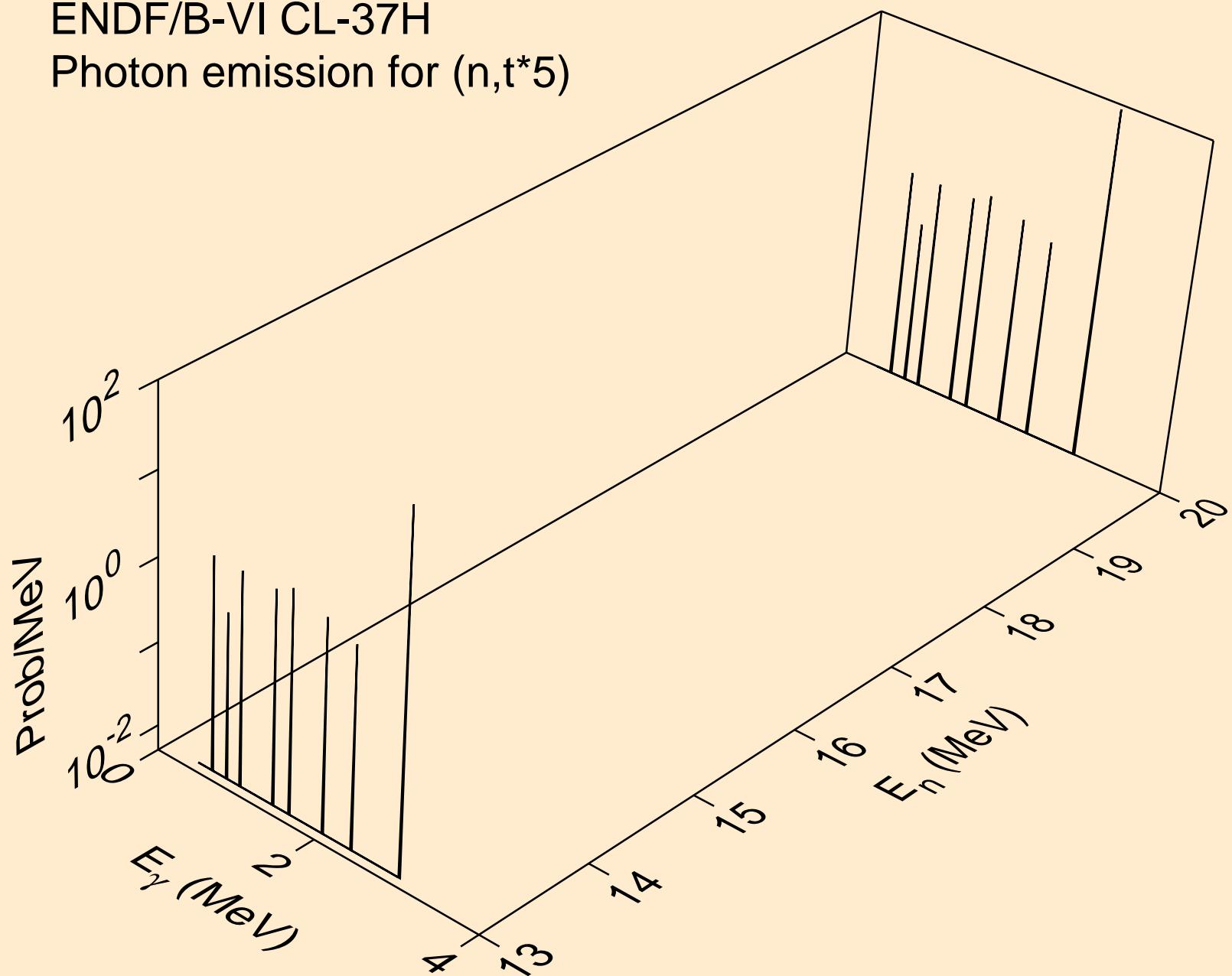
ENDF/B-VI CL-37H  
Photon emission for ( $n, t^*3$ )



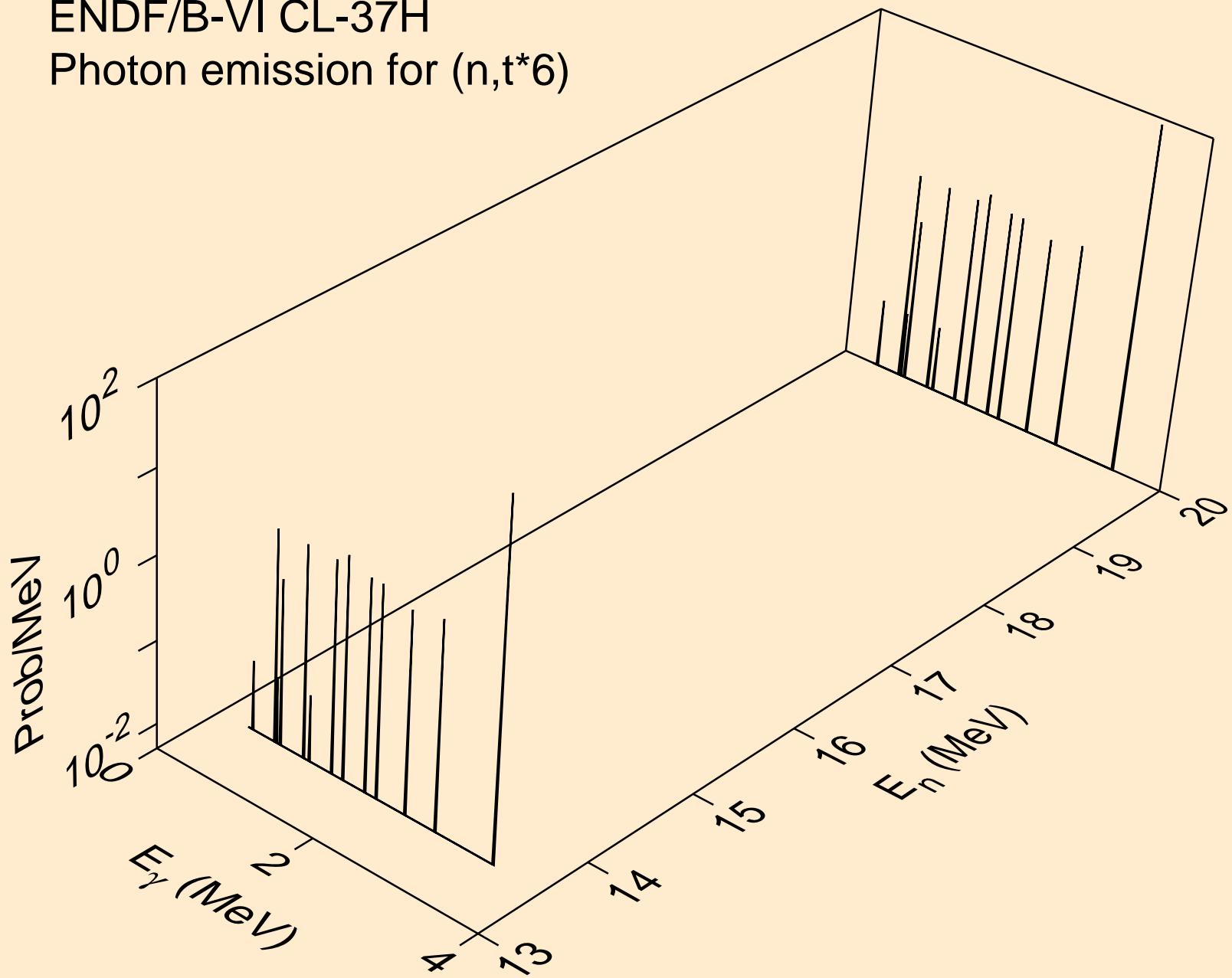
ENDF/B-VI CL-37H  
Photon emission for  $(n, t^* 4)$



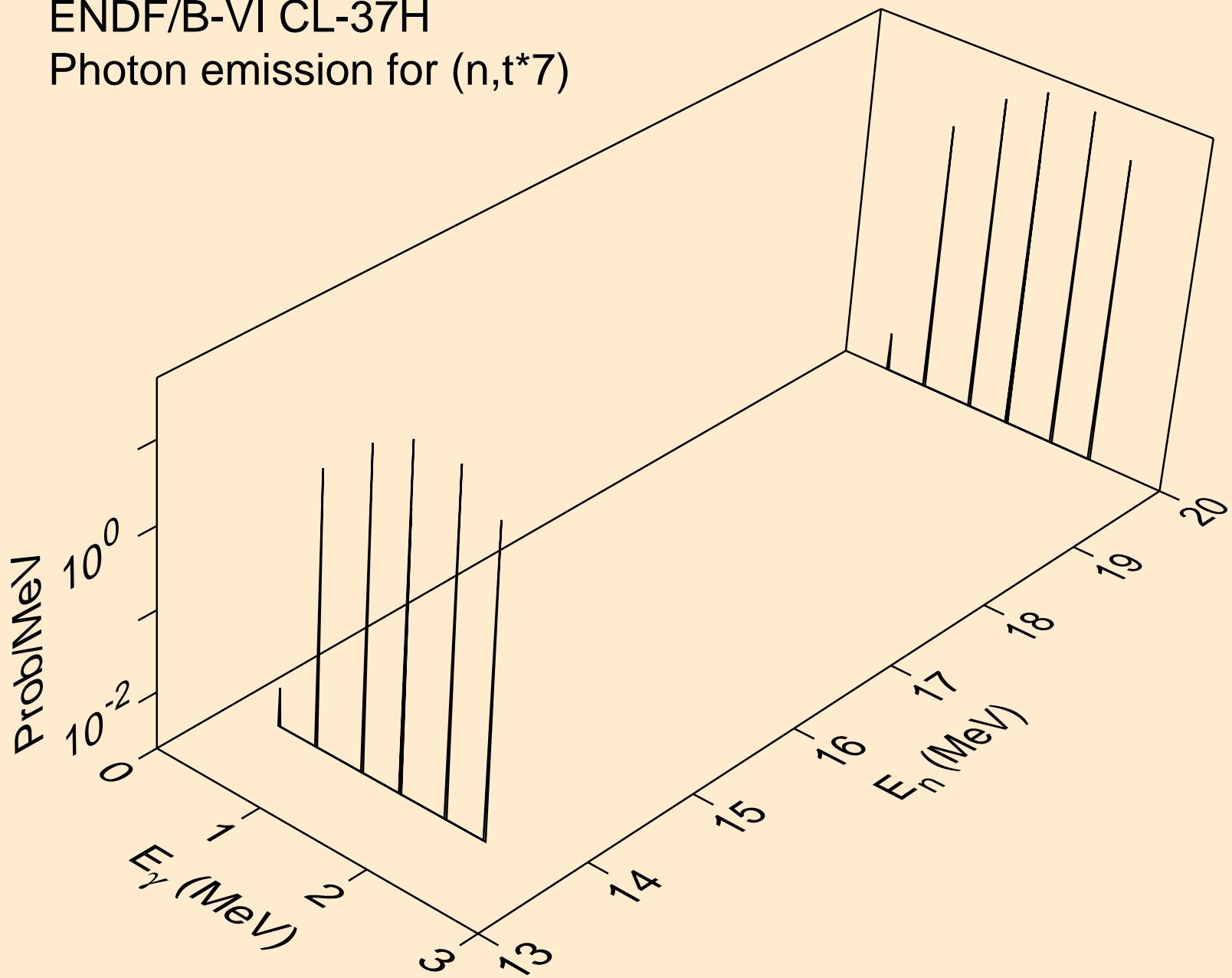
ENDF/B-VI CL-37H  
Photon emission for ( $n, t^*5$ )



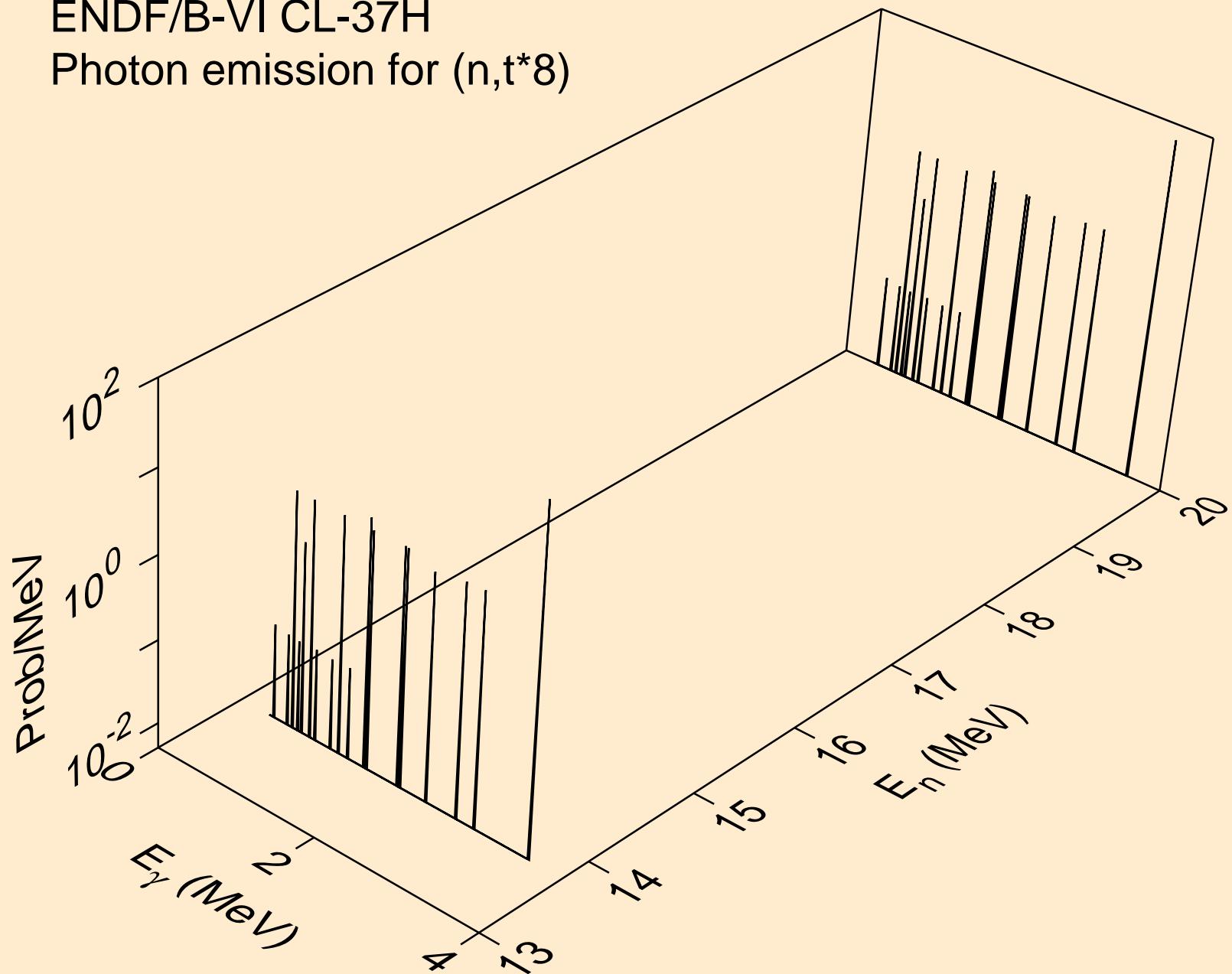
ENDF/B-VI CL-37H  
Photon emission for ( $n, t^*6$ )



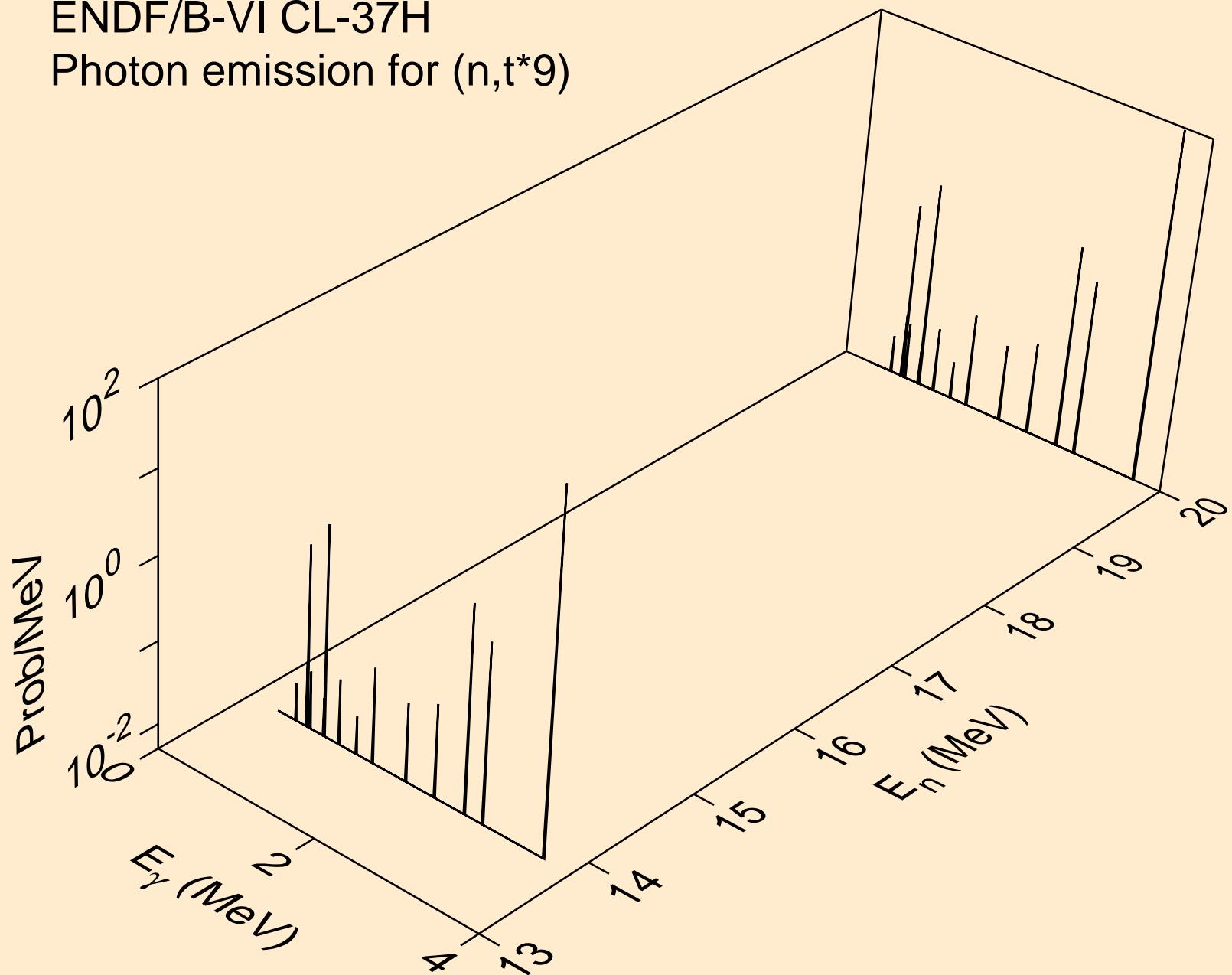
ENDF/B-VI CL-37H  
Photon emission for ( $n, t^* 7$ )



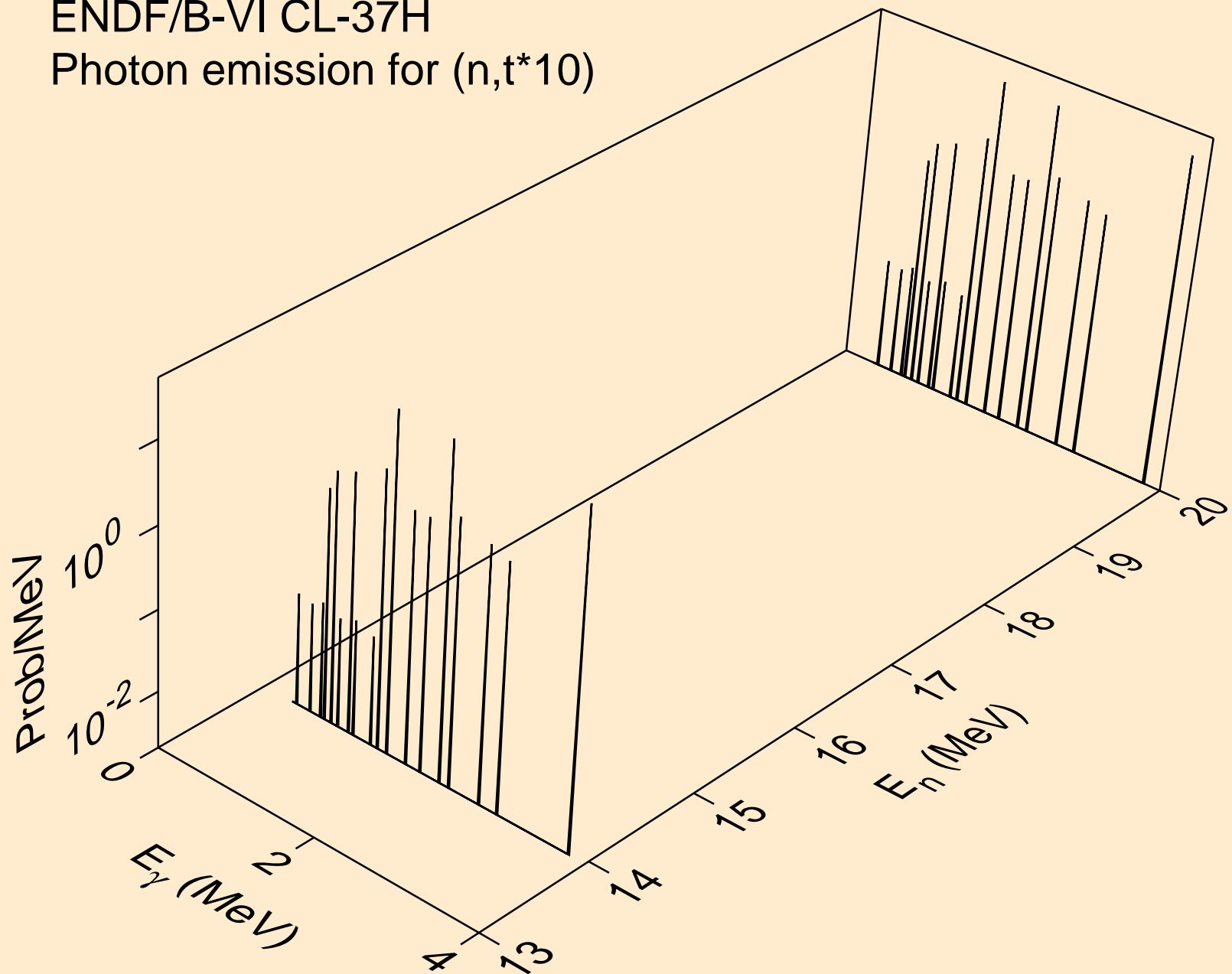
ENDF/B-VI CL-37H  
Photon emission for ( $n, t^*8$ )



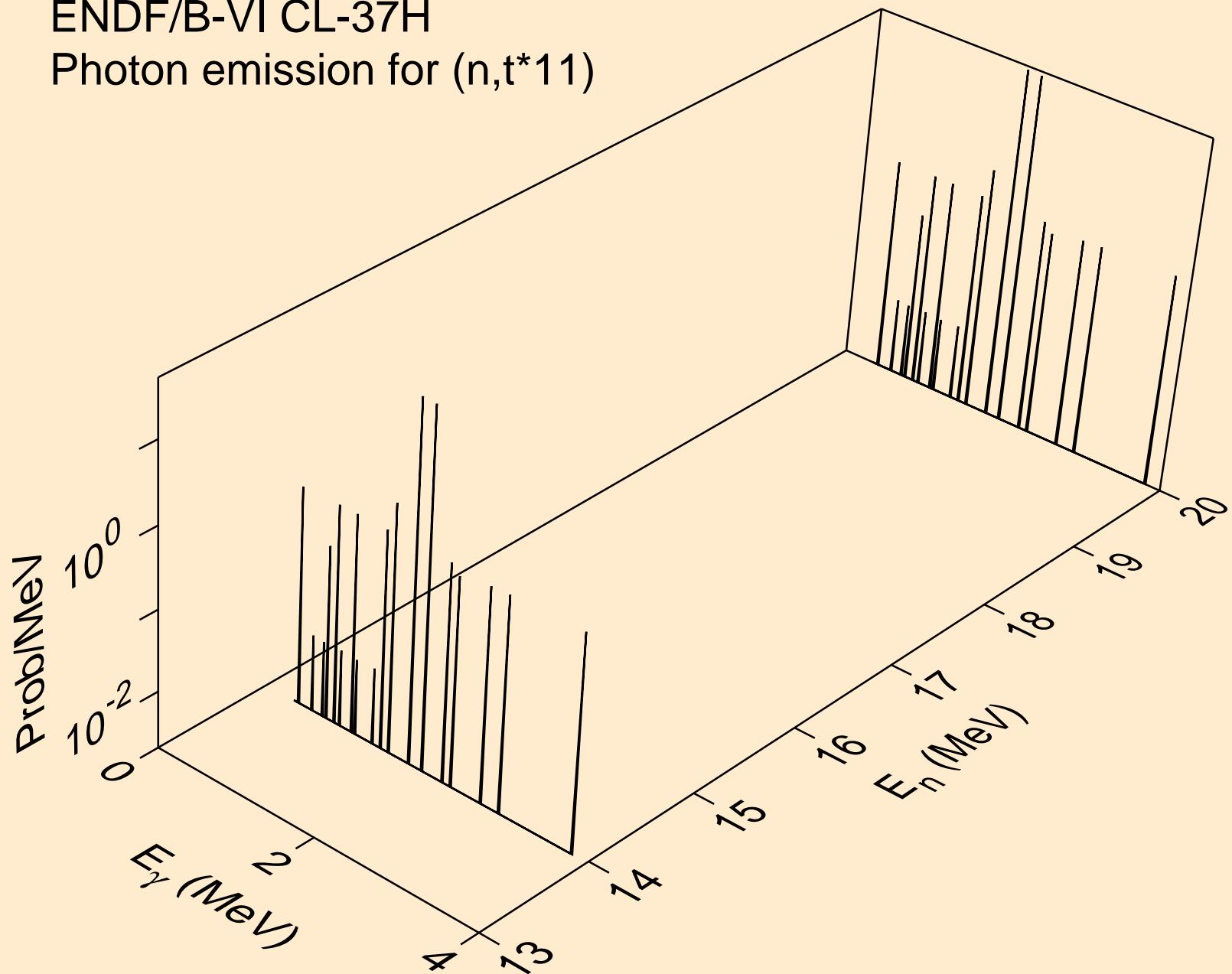
ENDF/B-VI CL-37H  
Photon emission for ( $n, t^*9$ )



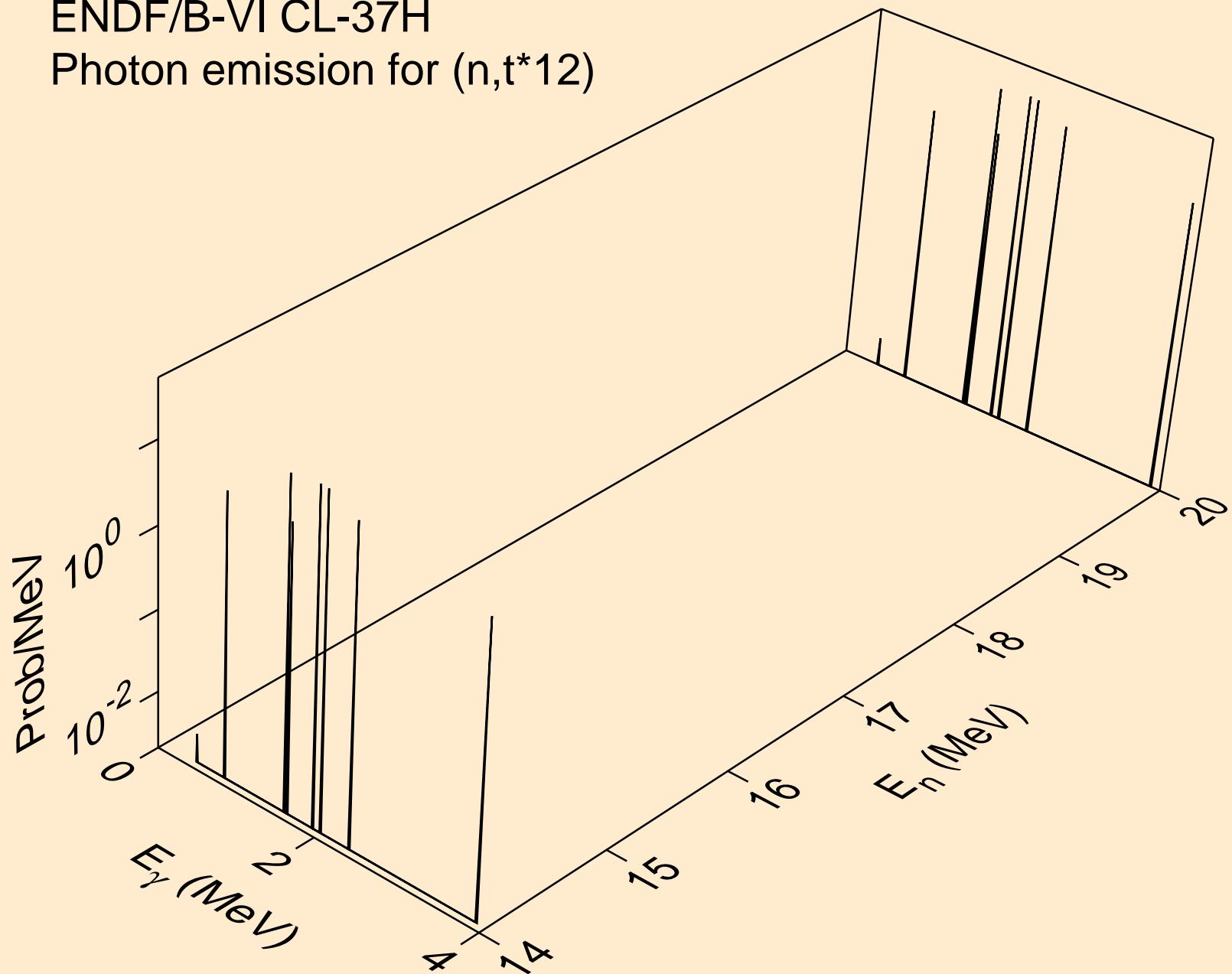
ENDF/B-VI CL-37H  
Photon emission for  $(n,t^*10)$



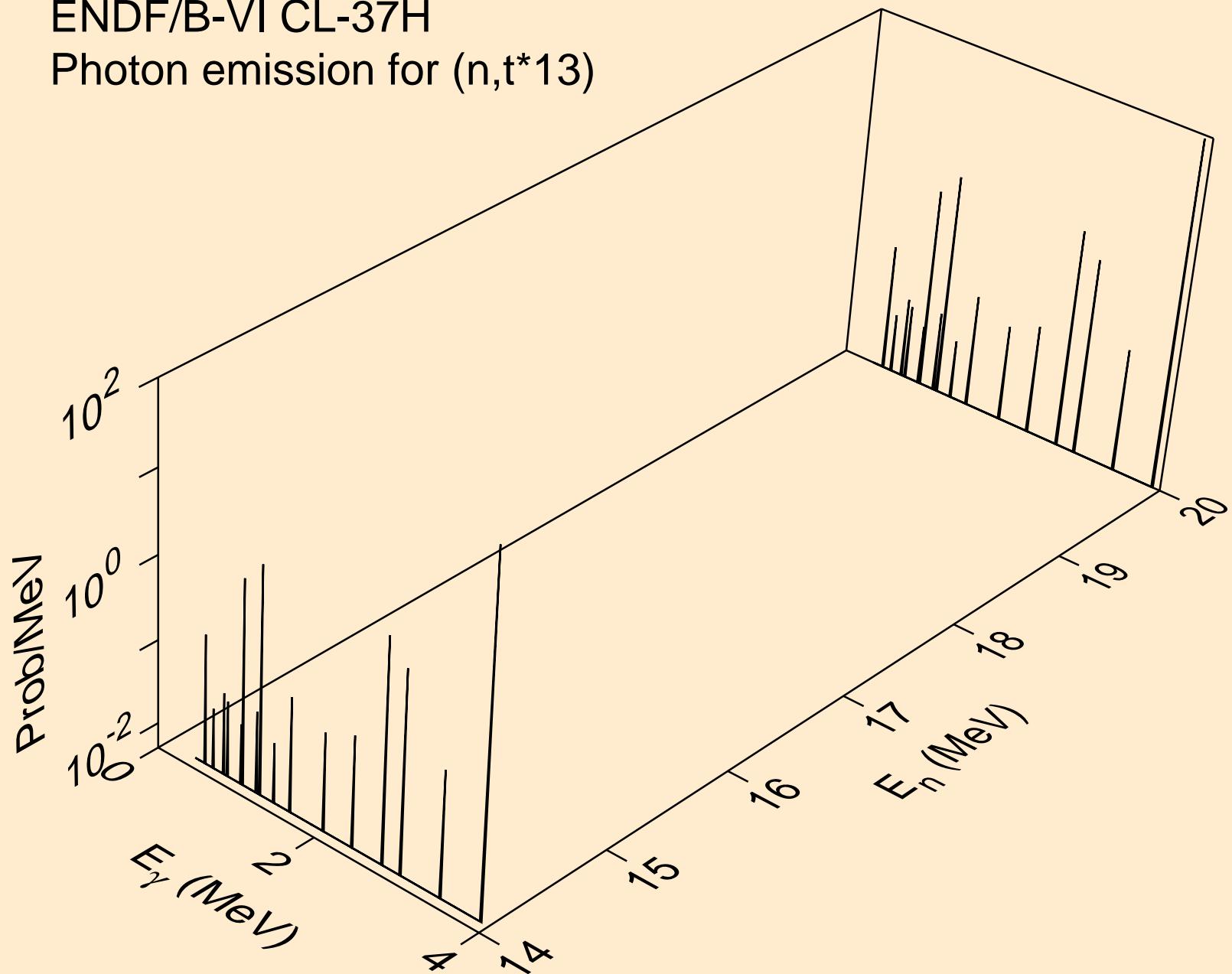
ENDF/B-VI CL-37H  
Photon emission for ( $n, t^{*}11$ )



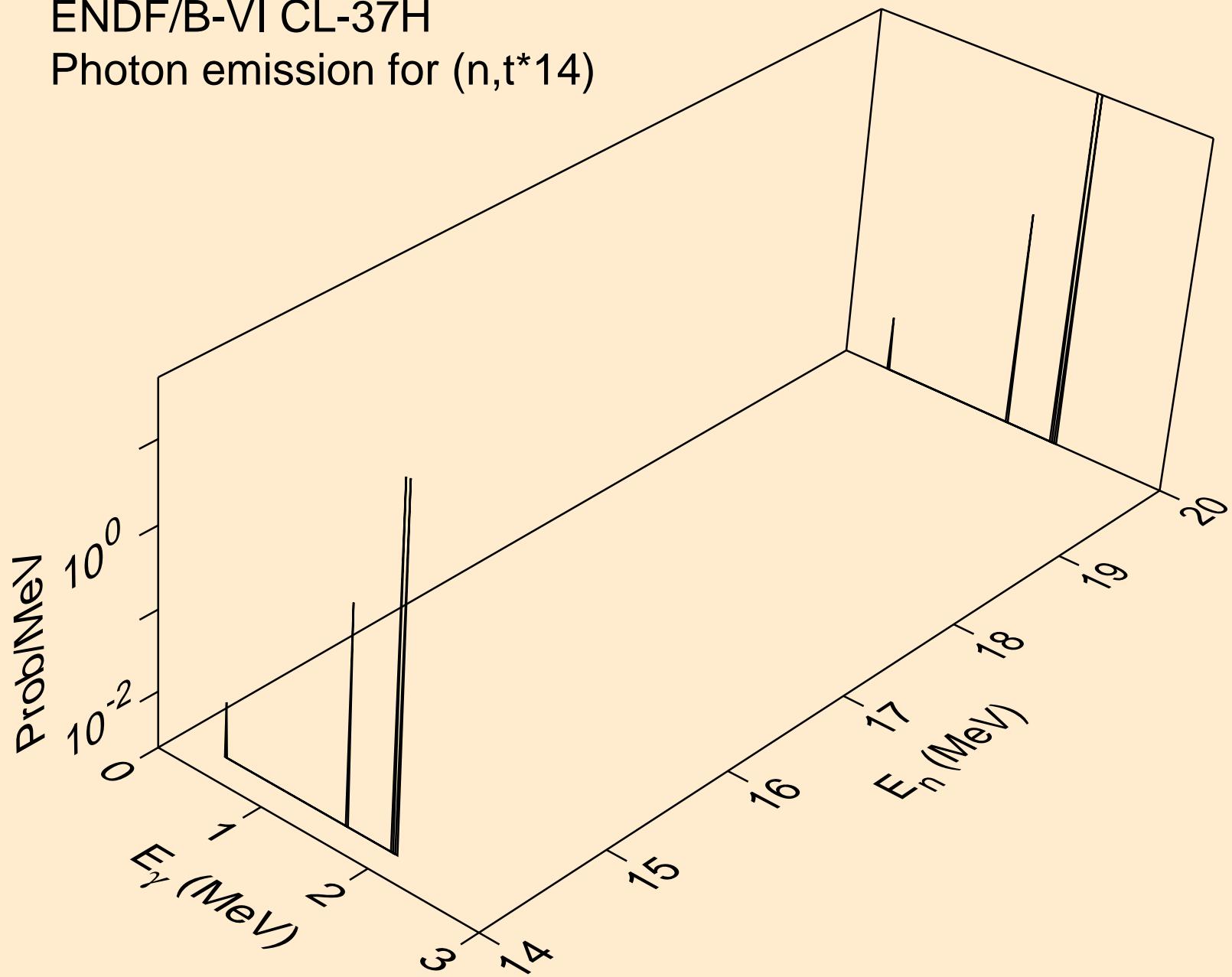
ENDF/B-VI CL-37H  
Photon emission for  $(n, t^{*}12)$



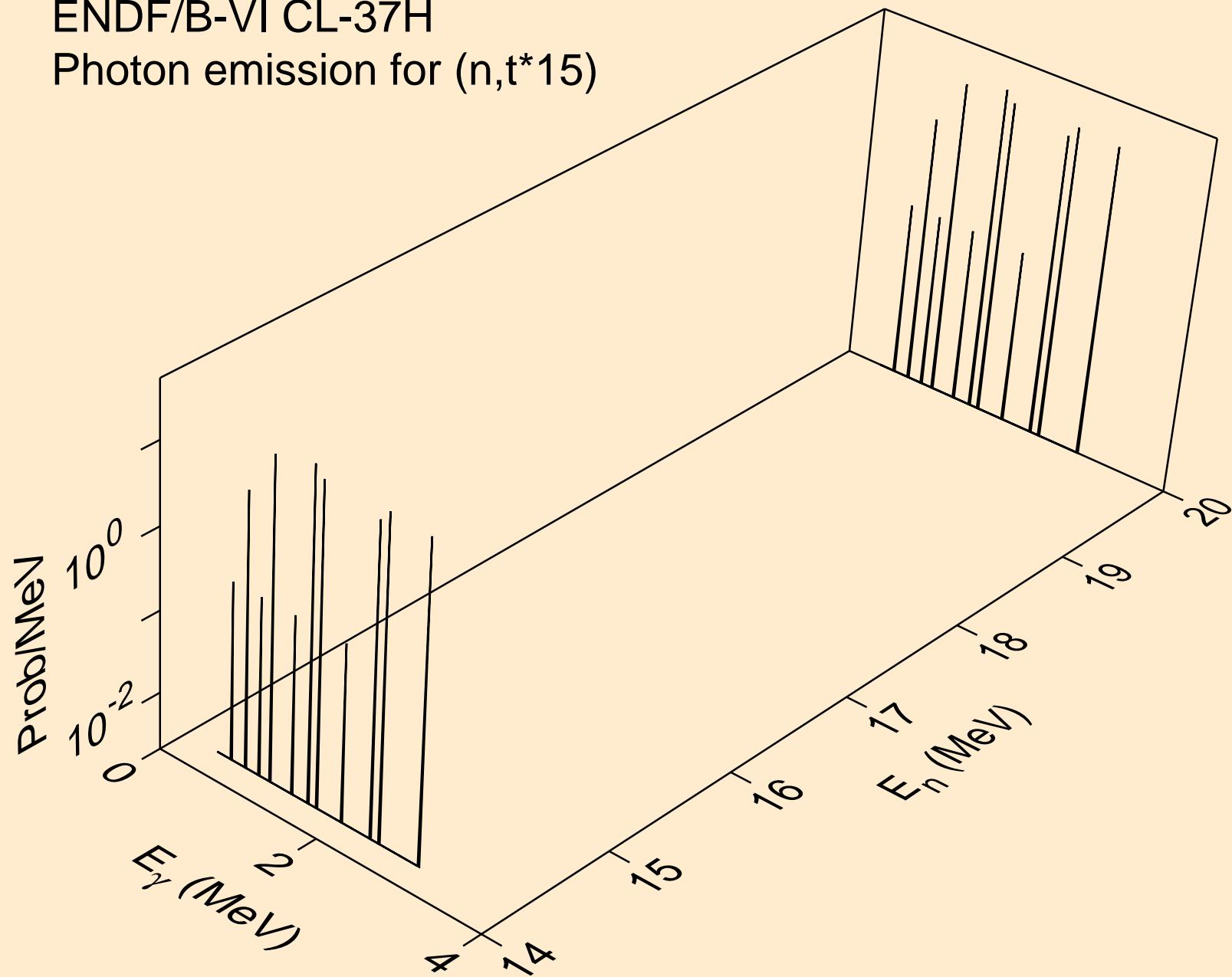
ENDF/B-VI CL-37H  
Photon emission for ( $n, t^* 13$ )



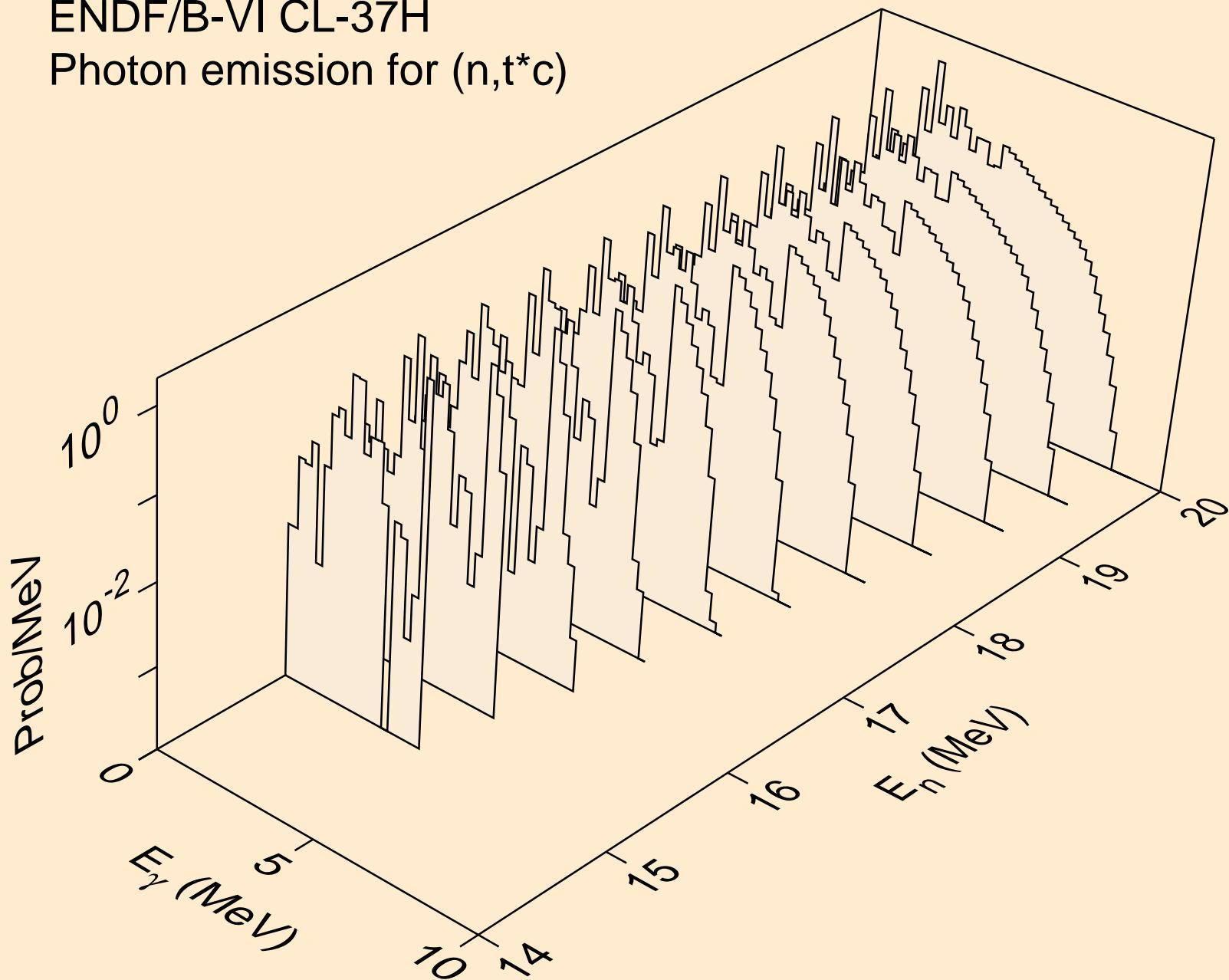
ENDF/B-VI CL-37H  
Photon emission for ( $n, t^* 14$ )



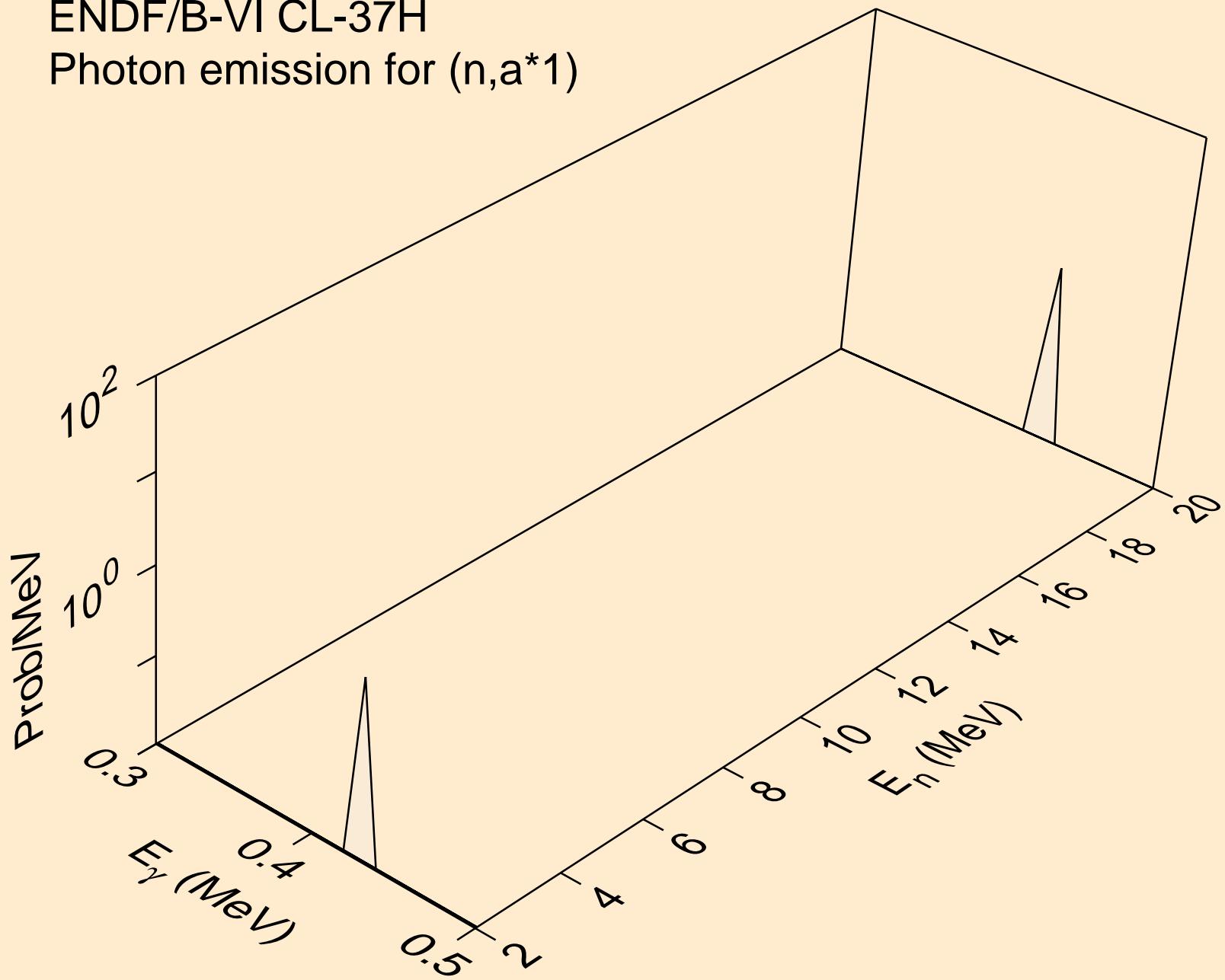
ENDF/B-VI CL-37H  
Photon emission for ( $n, t^* 15$ )



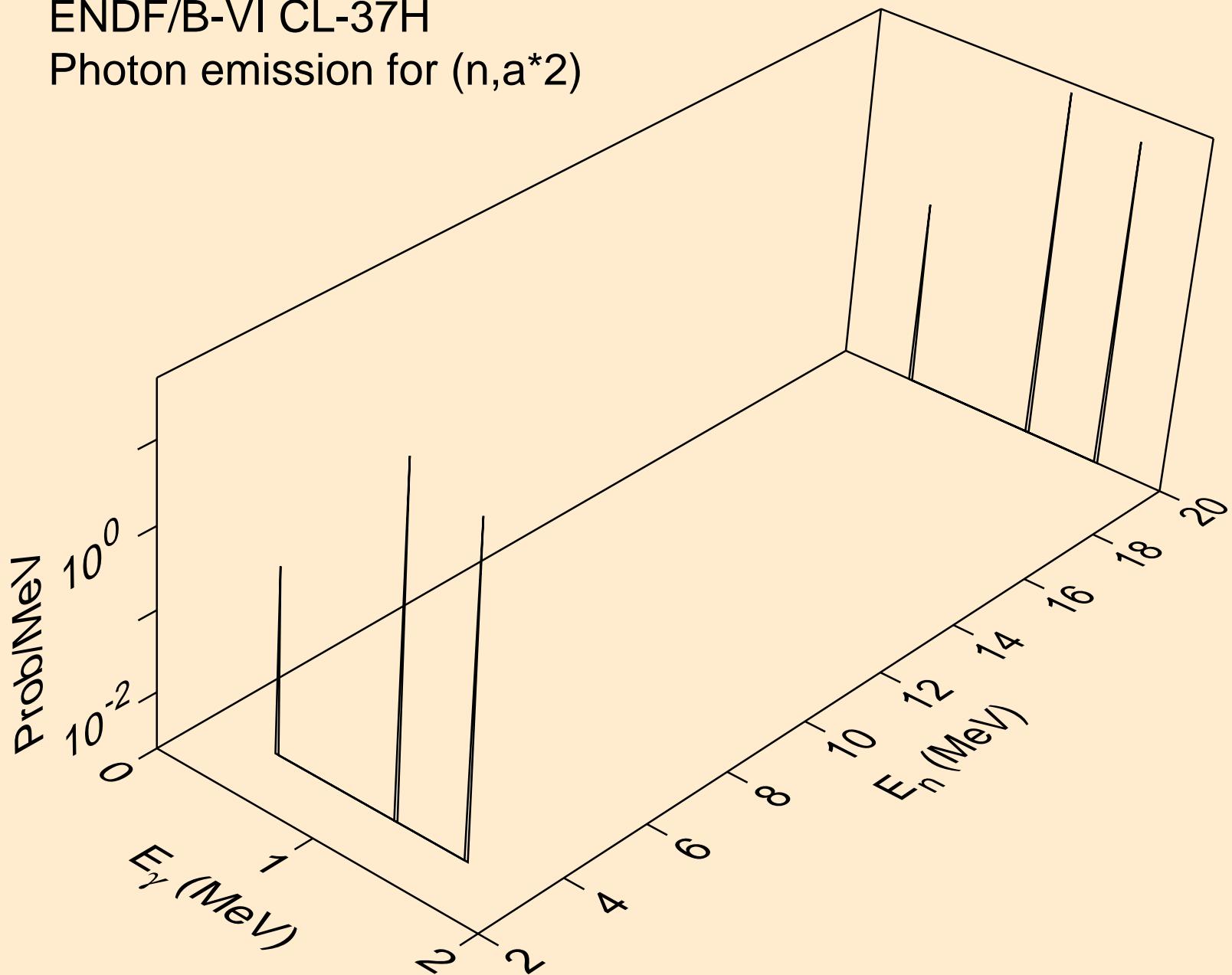
ENDF/B-VI CL-37H  
Photon emission for  $(n, t^*c)$



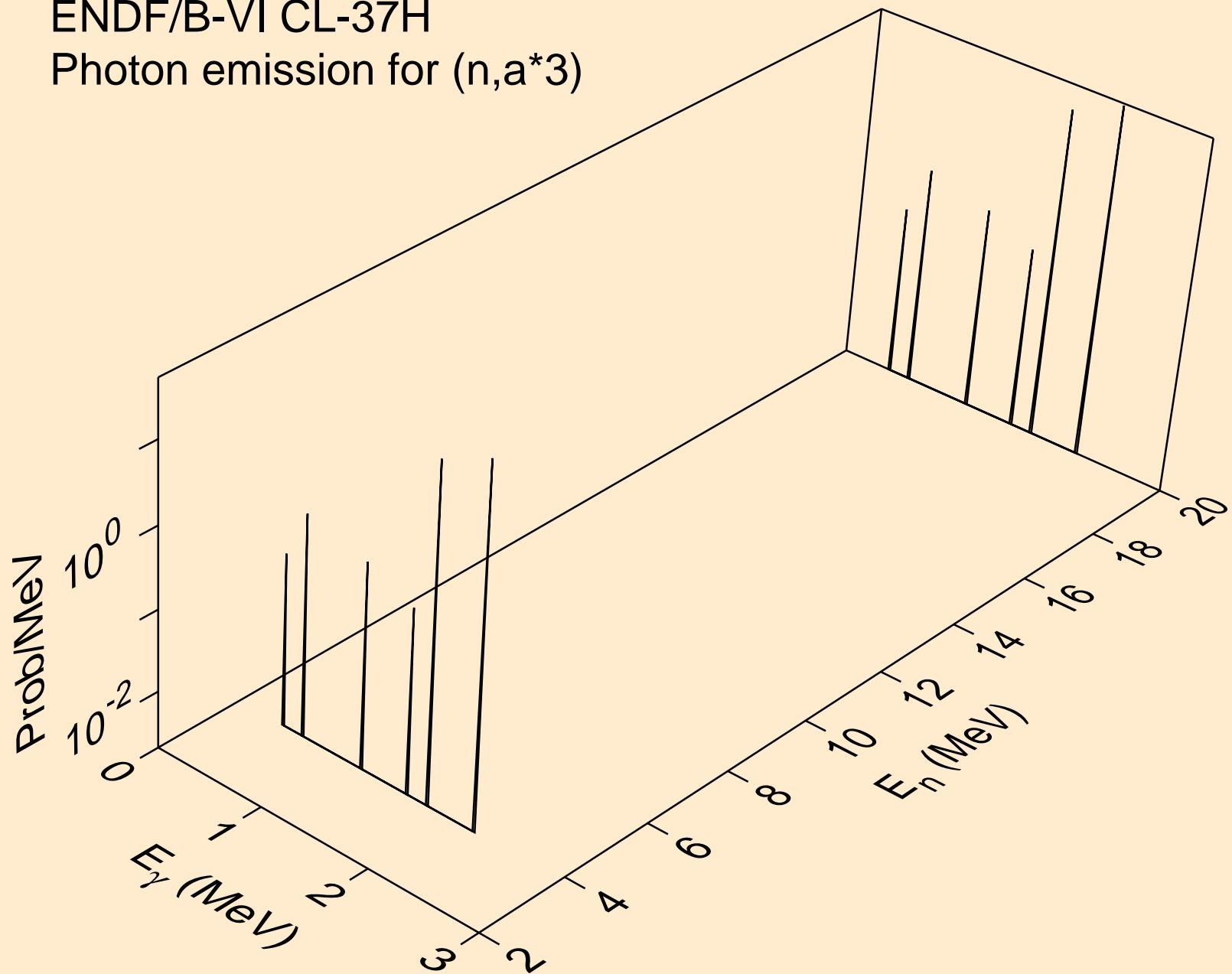
ENDF/B-VI CL-37H  
Photon emission for (n,a\*1)



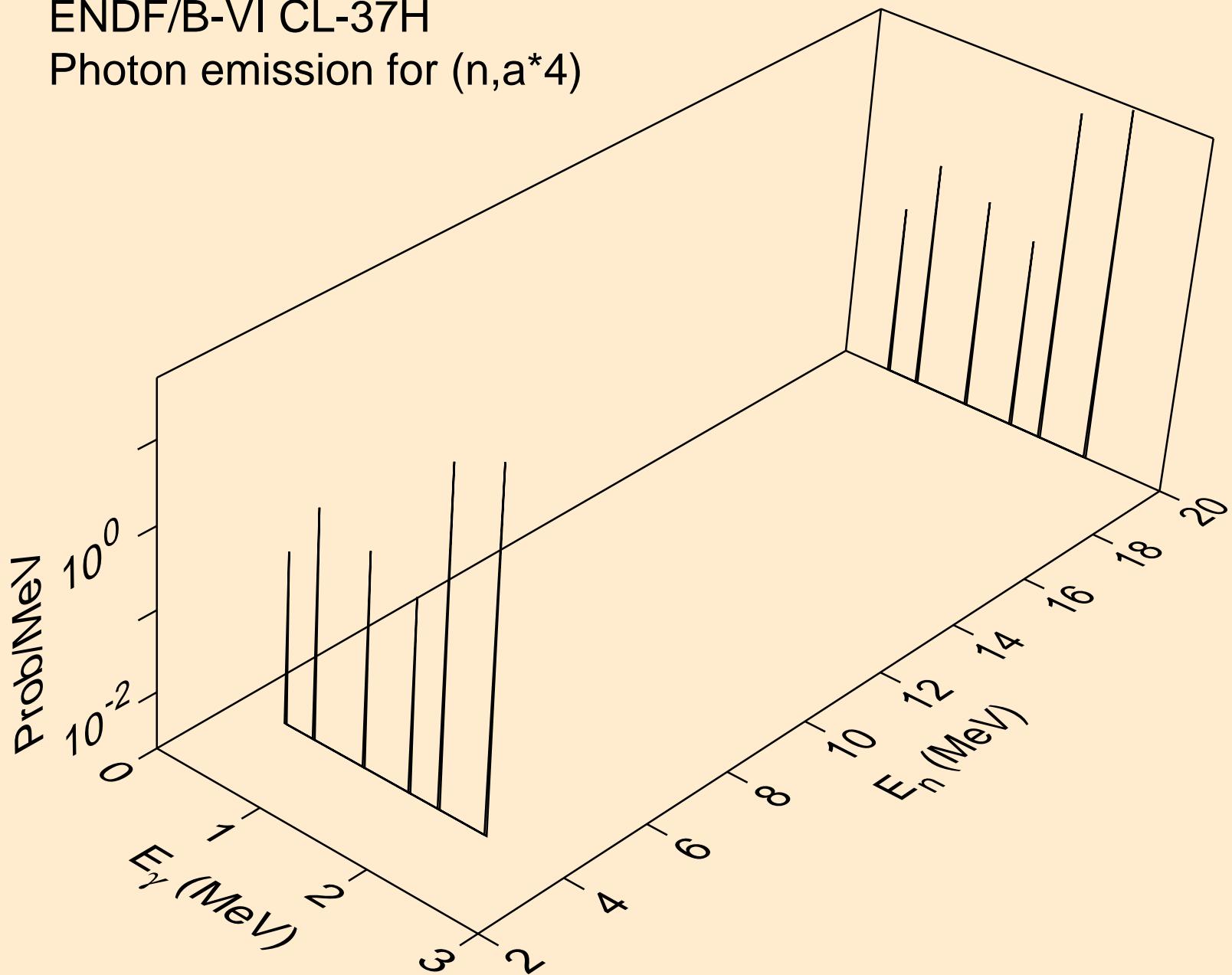
ENDF/B-VI CL-37H  
Photon emission for (n,a\*2)



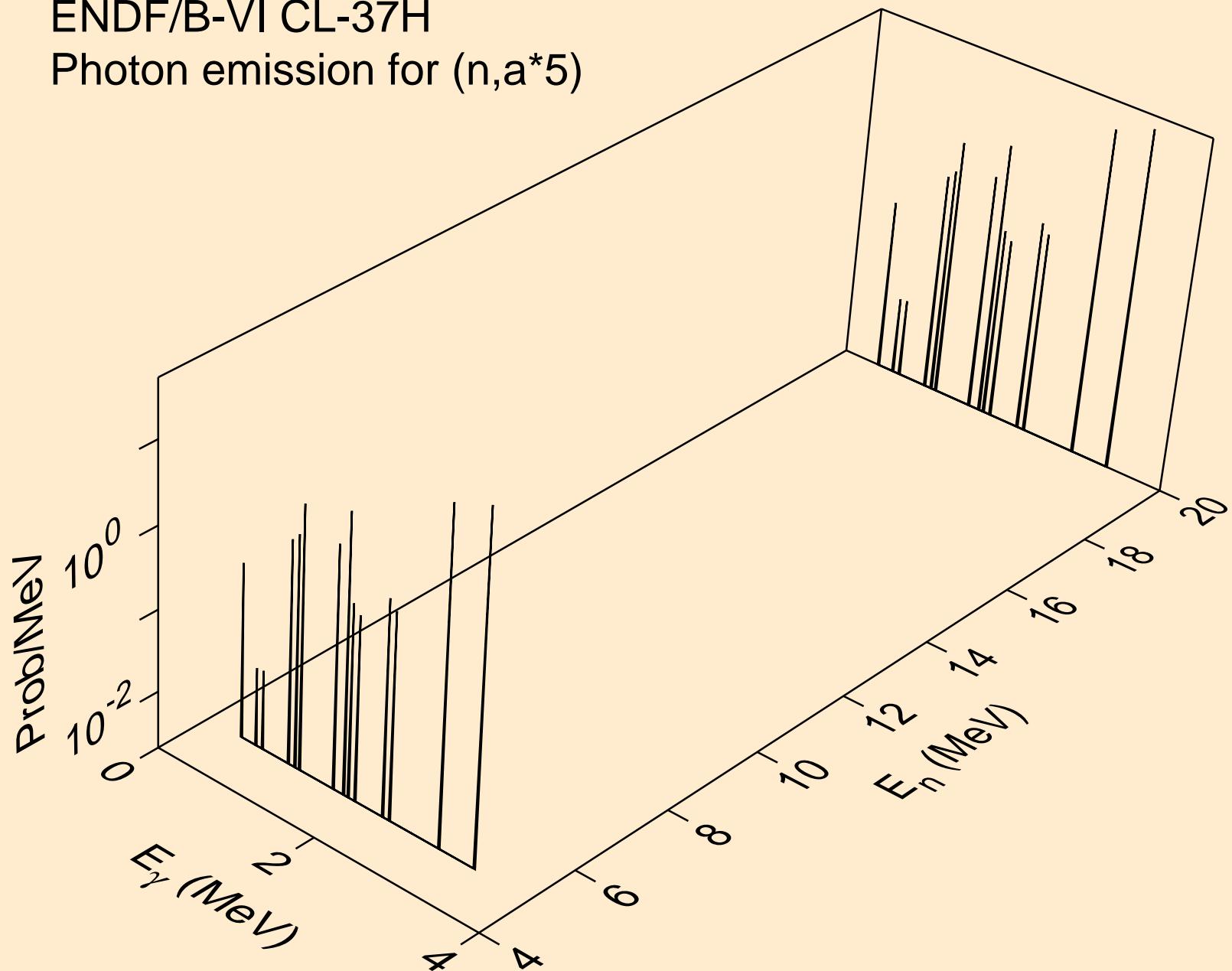
ENDF/B-VI CL-37H  
Photon emission for (n,a\*3)



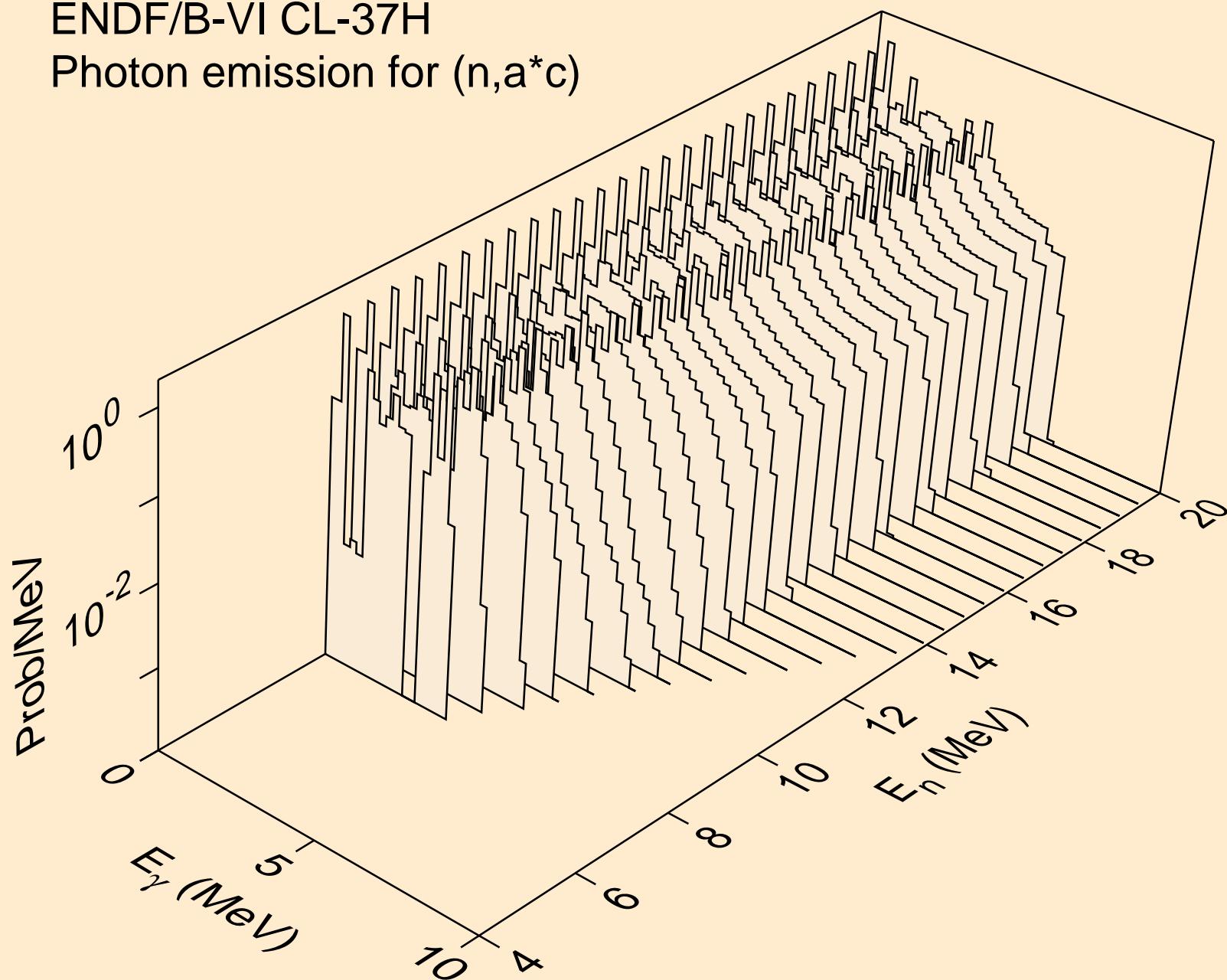
ENDF/B-VI CL-37H  
Photon emission for  $(n, a^* 4)$



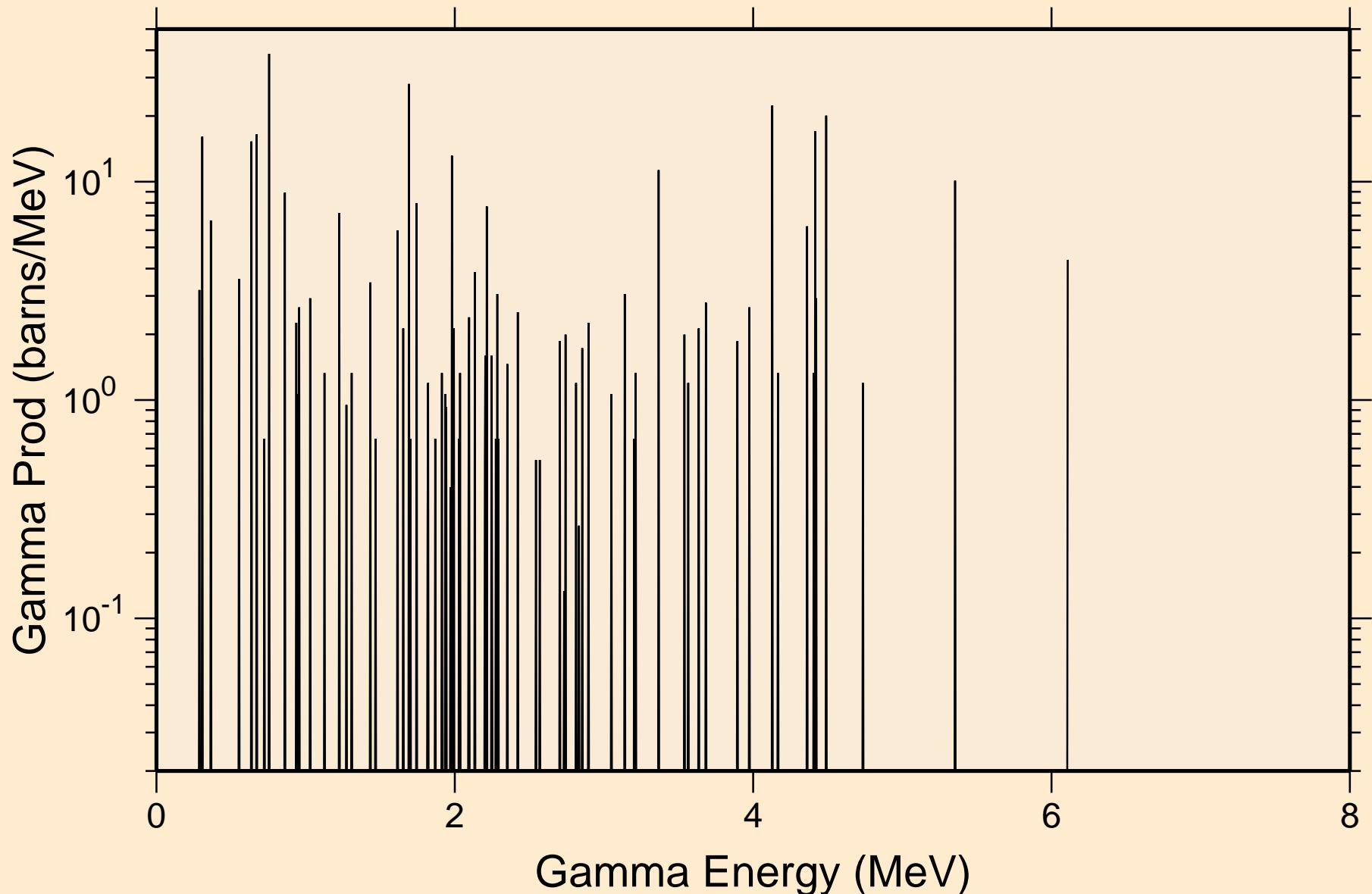
ENDF/B-VI CL-37H  
Photon emission for (n,a\*5)



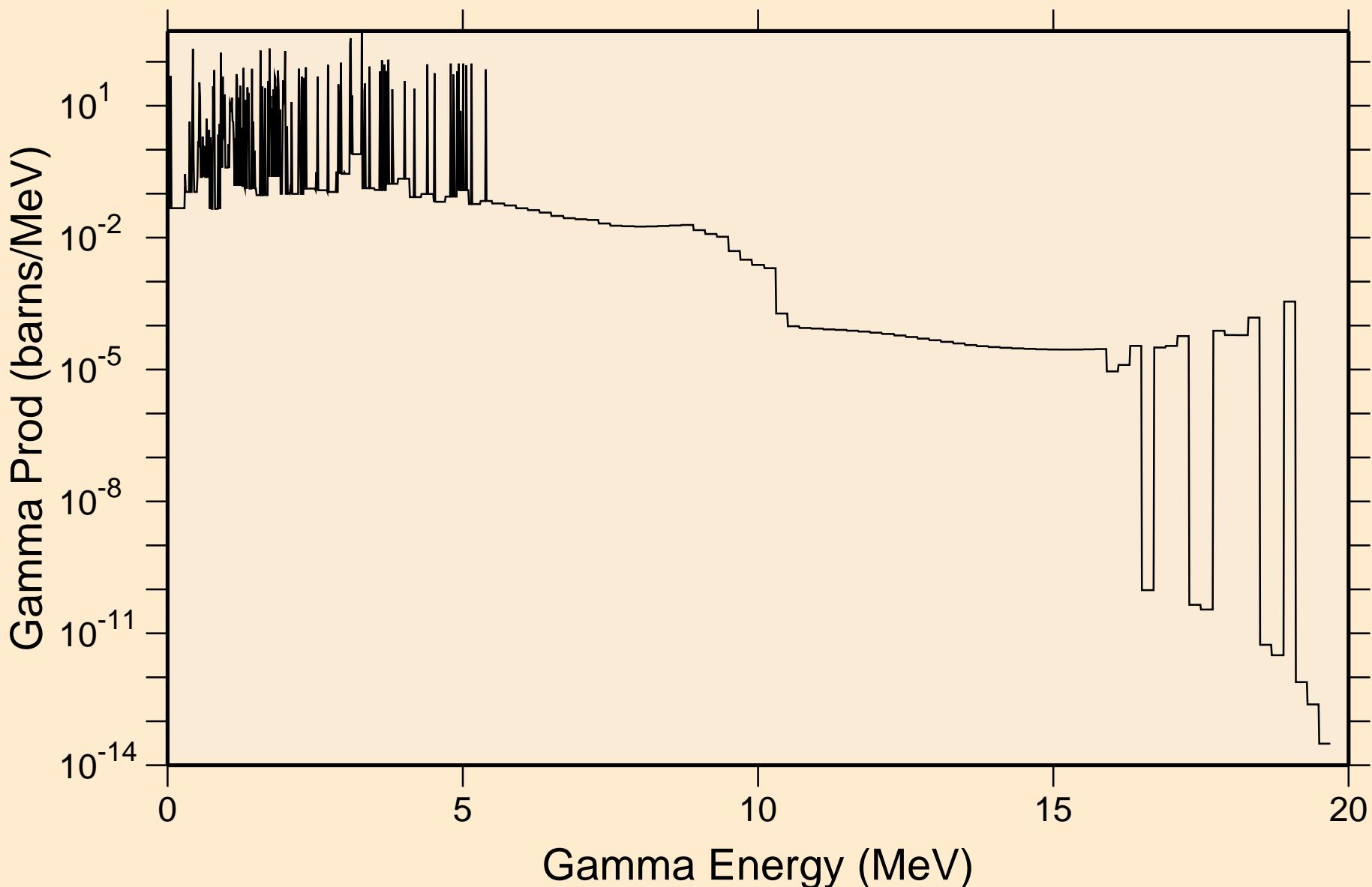
ENDF/B-VI CL-37H  
Photon emission for  $(n, a^* c)$



ENDF/B-VI CL-37H  
thermal capture photon spectrum

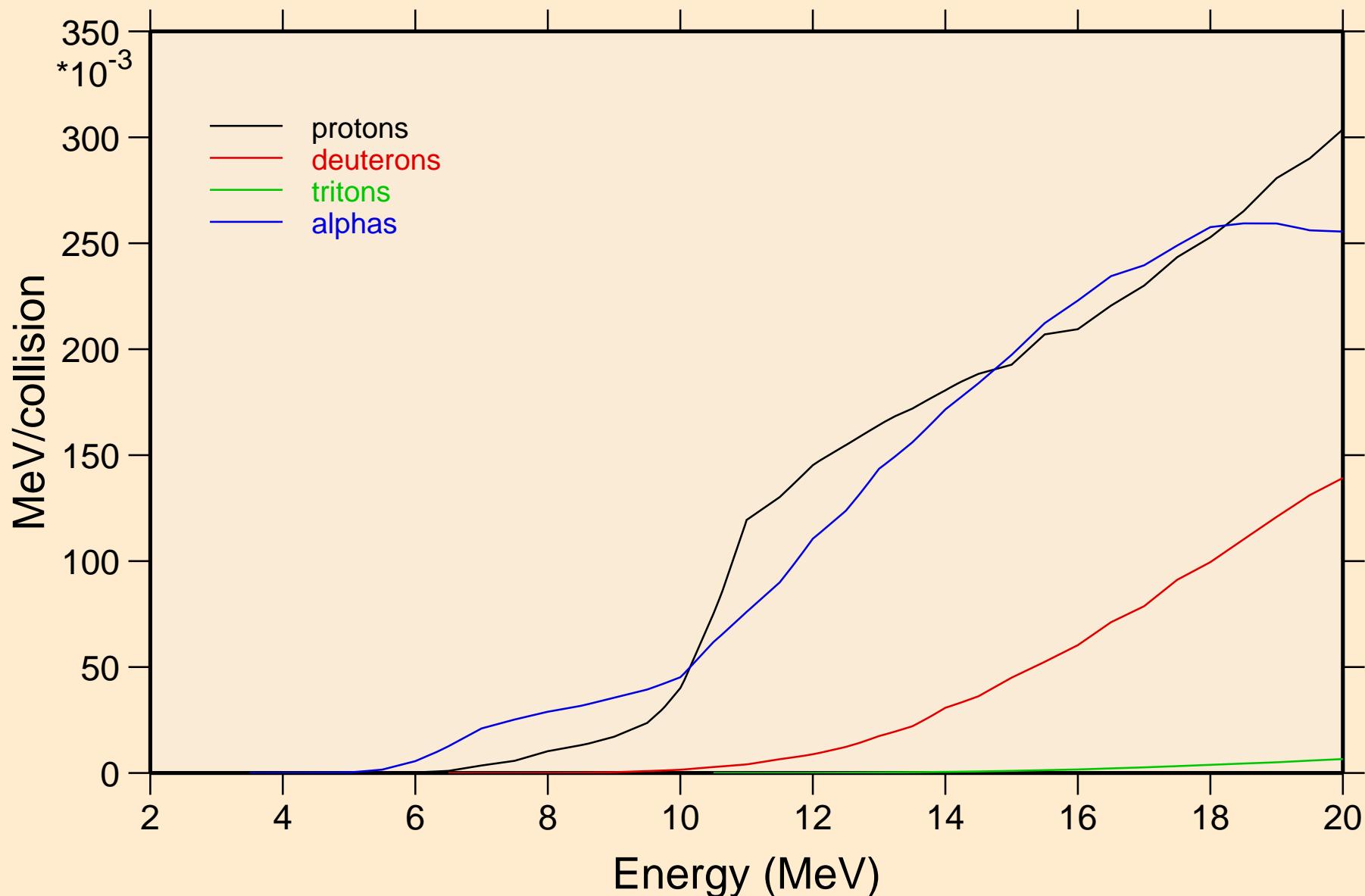


ENDF/B-VI CL-37H  
14 MeV photon spectrum



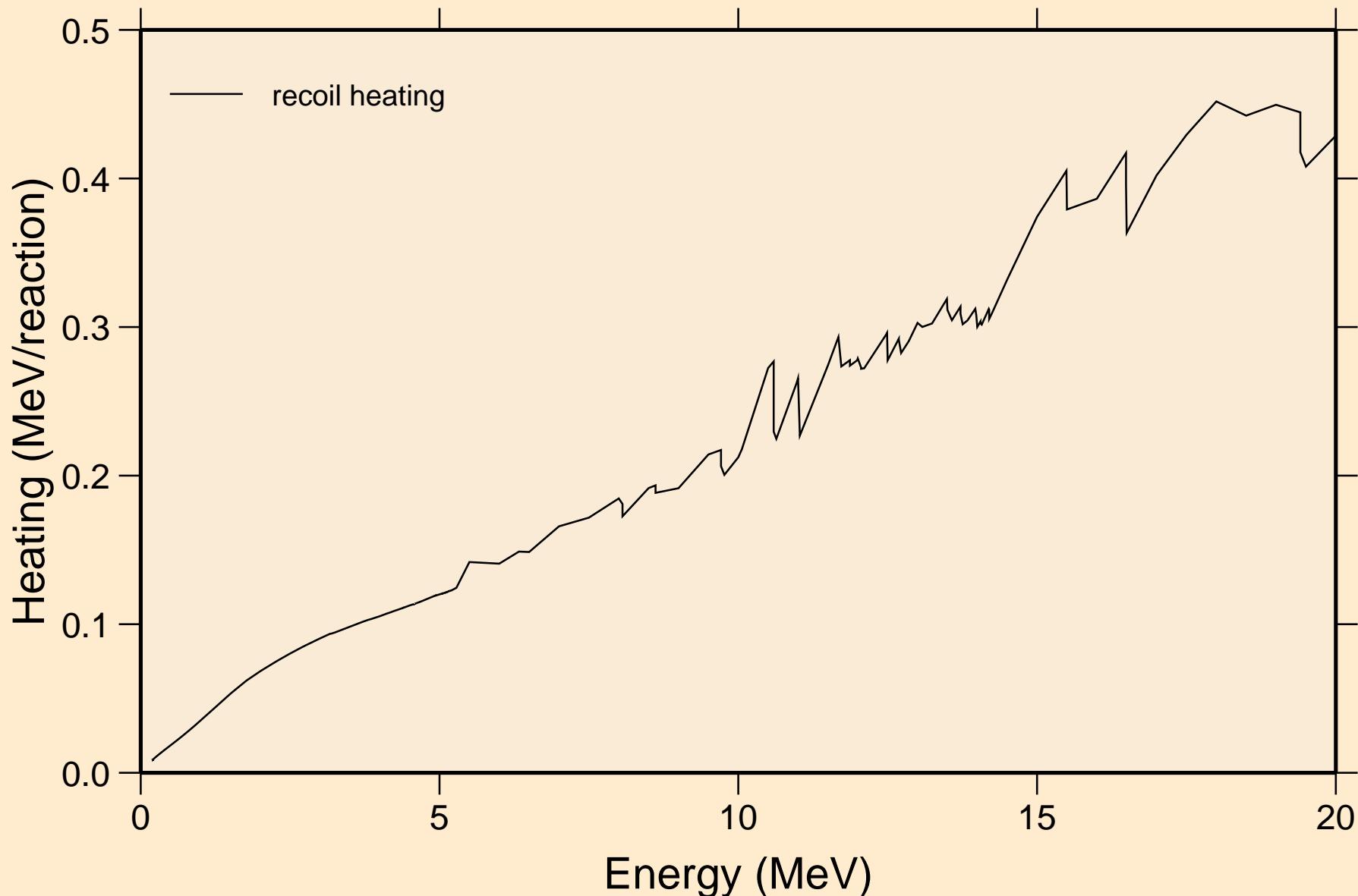
# ENDF/B-VI CL-37H

## Particle heating contributions



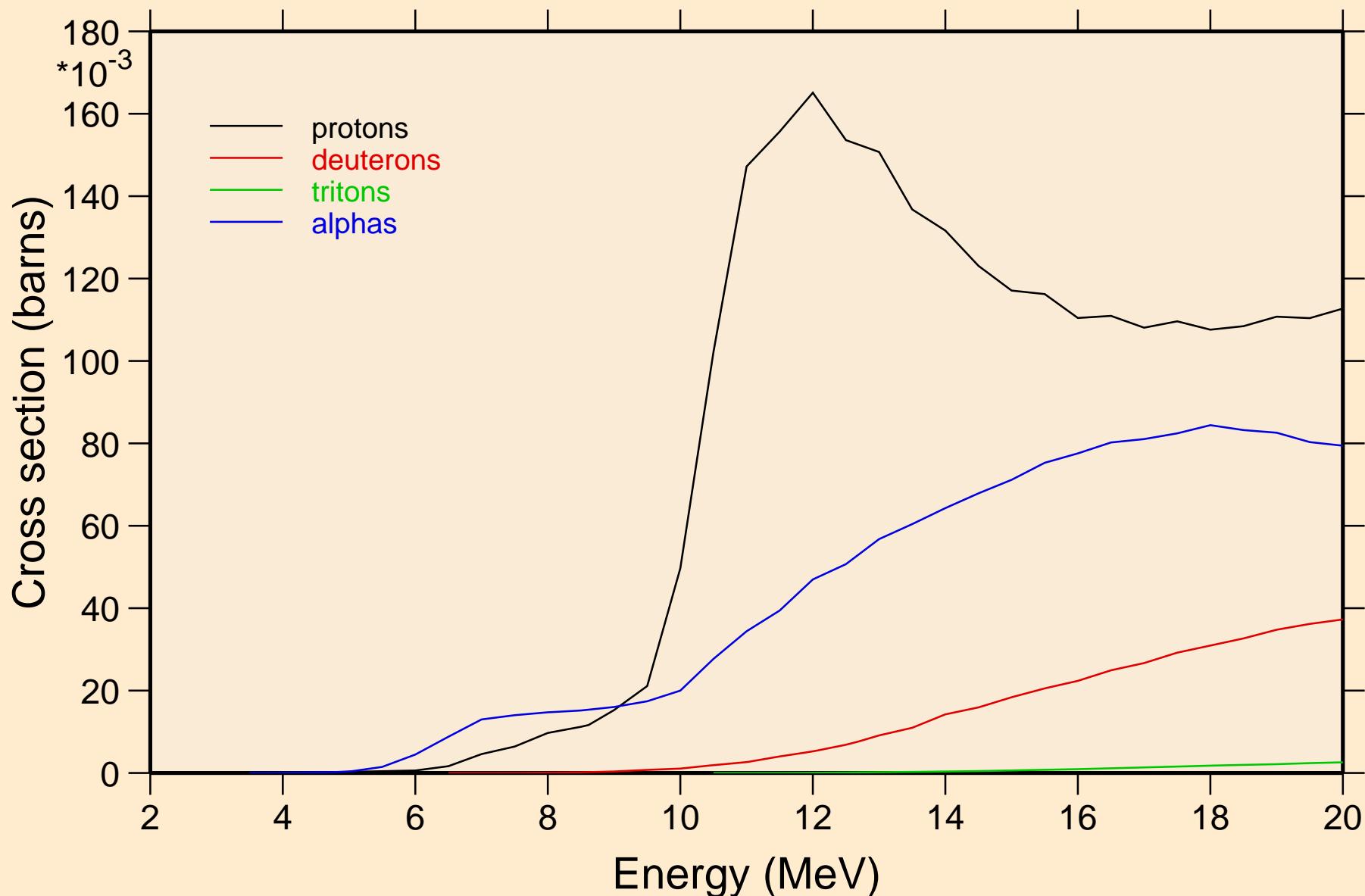
# ENDF/B-VI CL-37H

## Recoil Heating

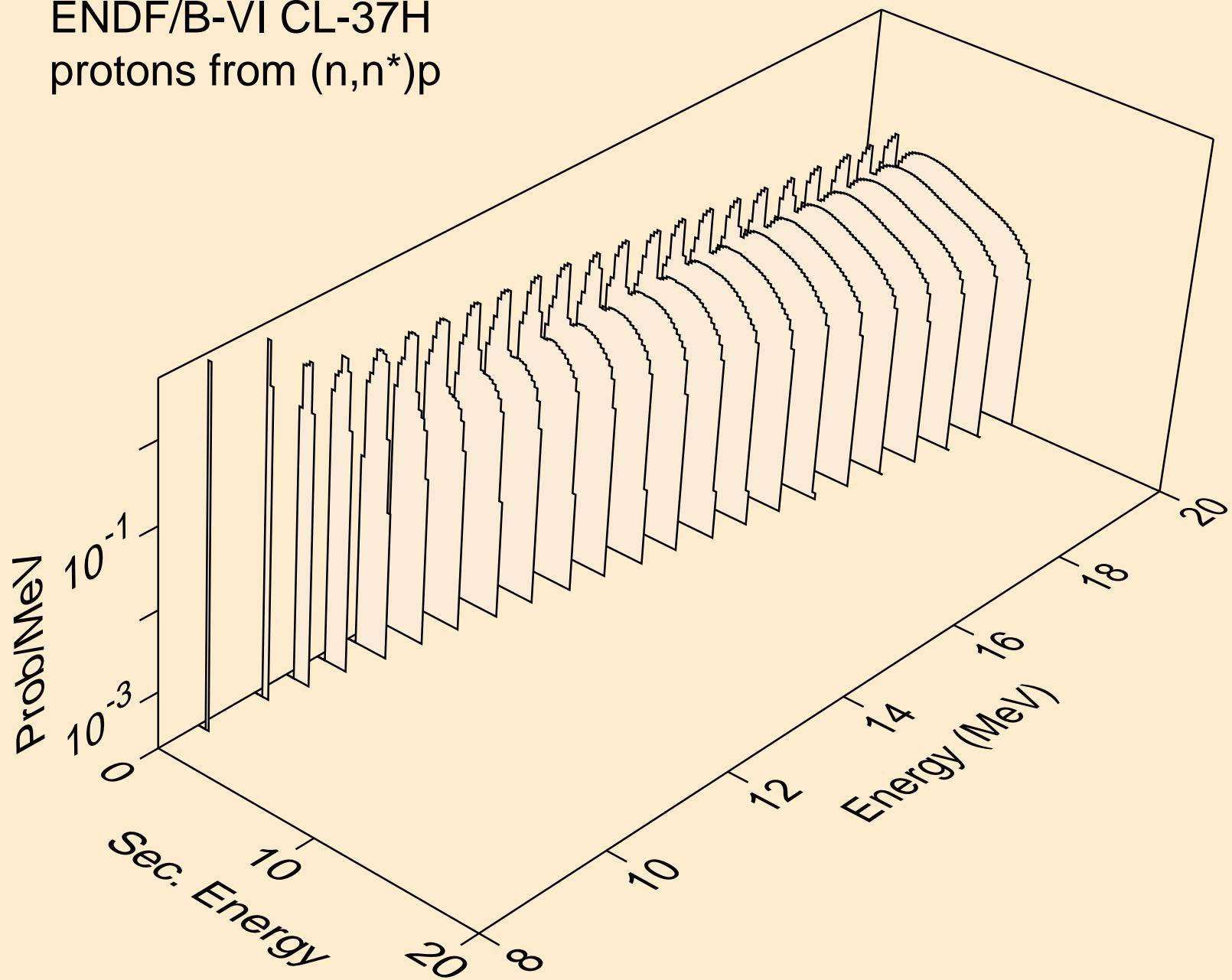


# ENDF/B-VI CL-37H

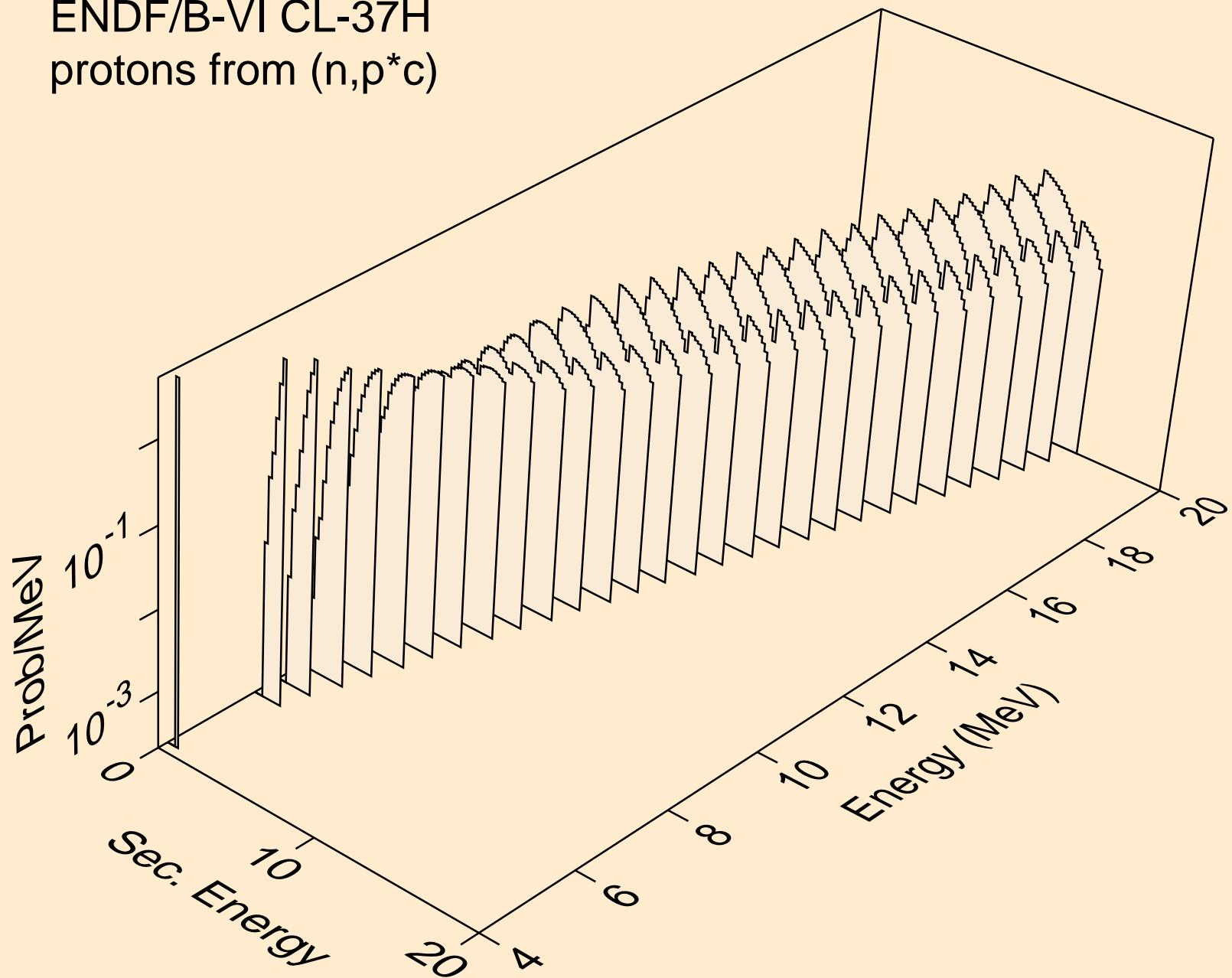
## Particle production cross sections



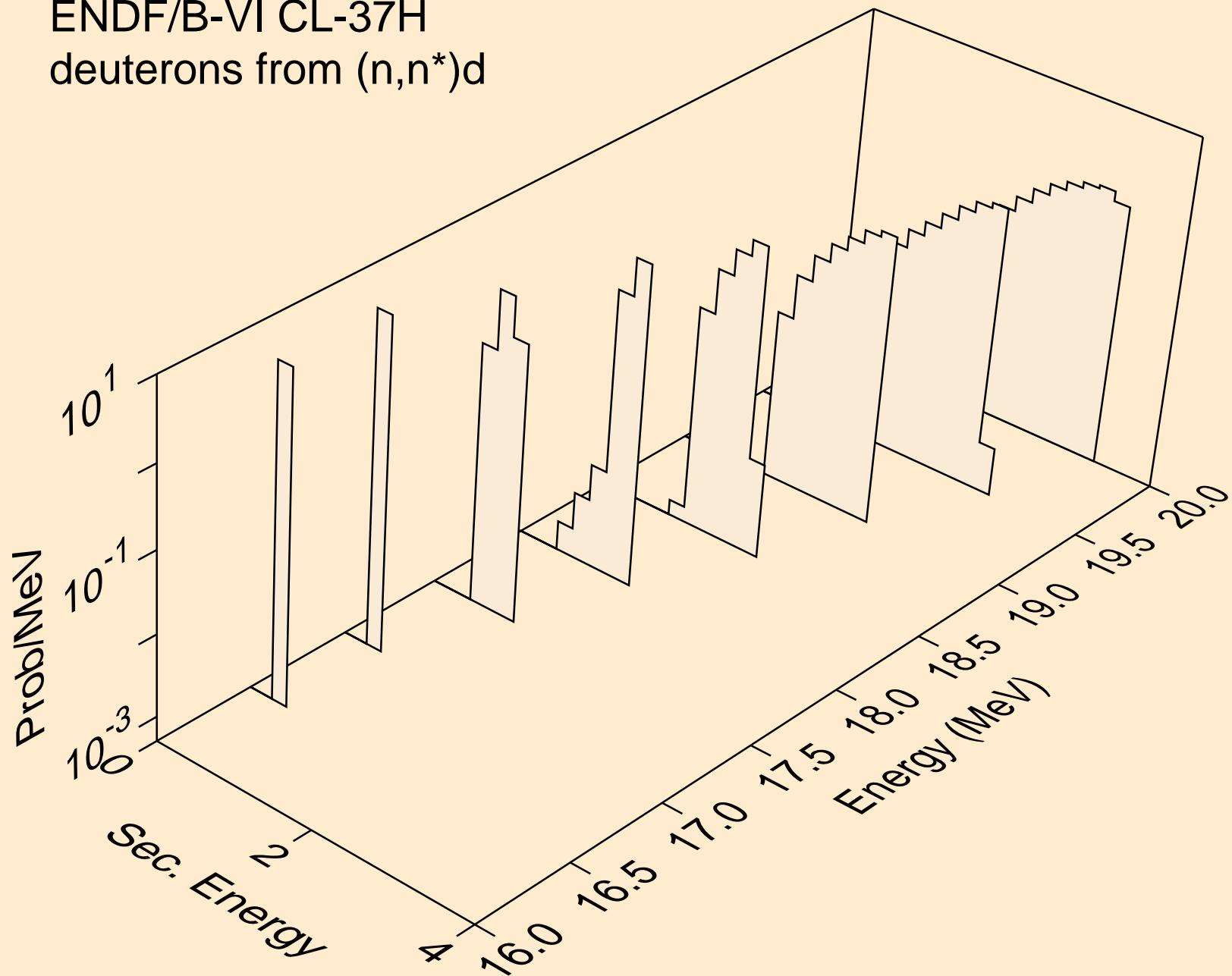
ENDF/B-VI CL-37H  
protons from  $(n,n^*)p$



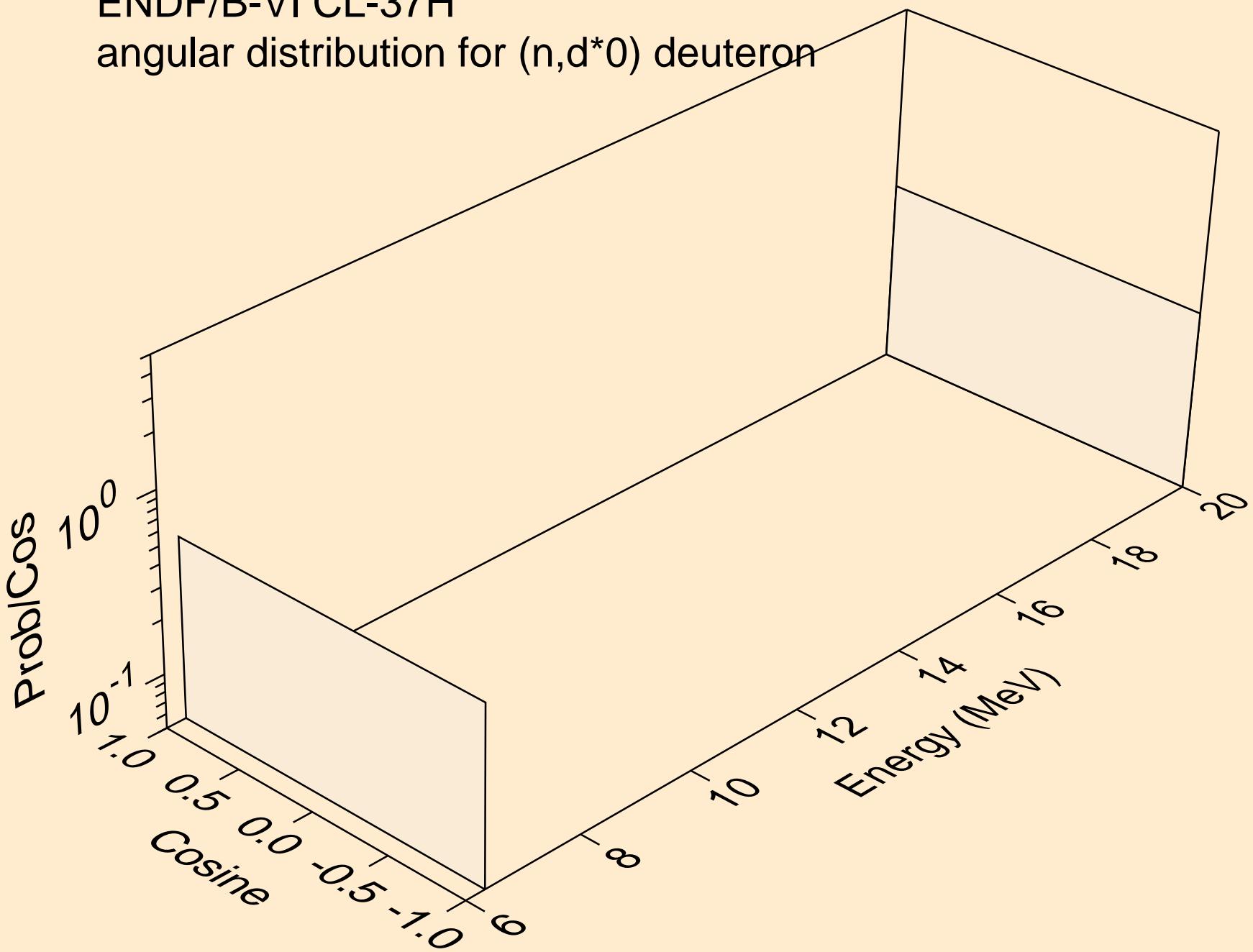
ENDF/B-VI CL-37H  
protons from  $(n, p^* c)$



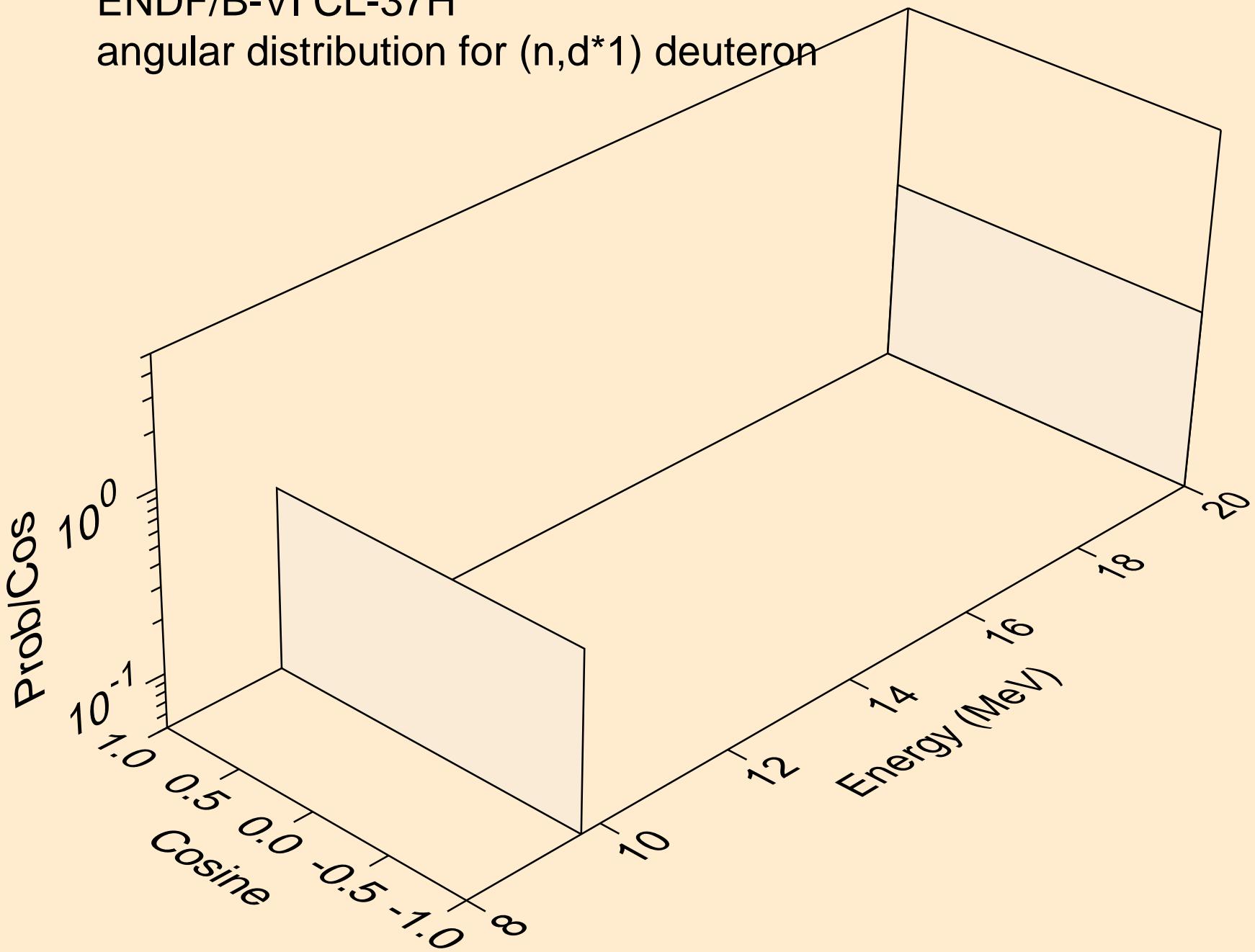
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deuterons from  $(n,n^*)d$



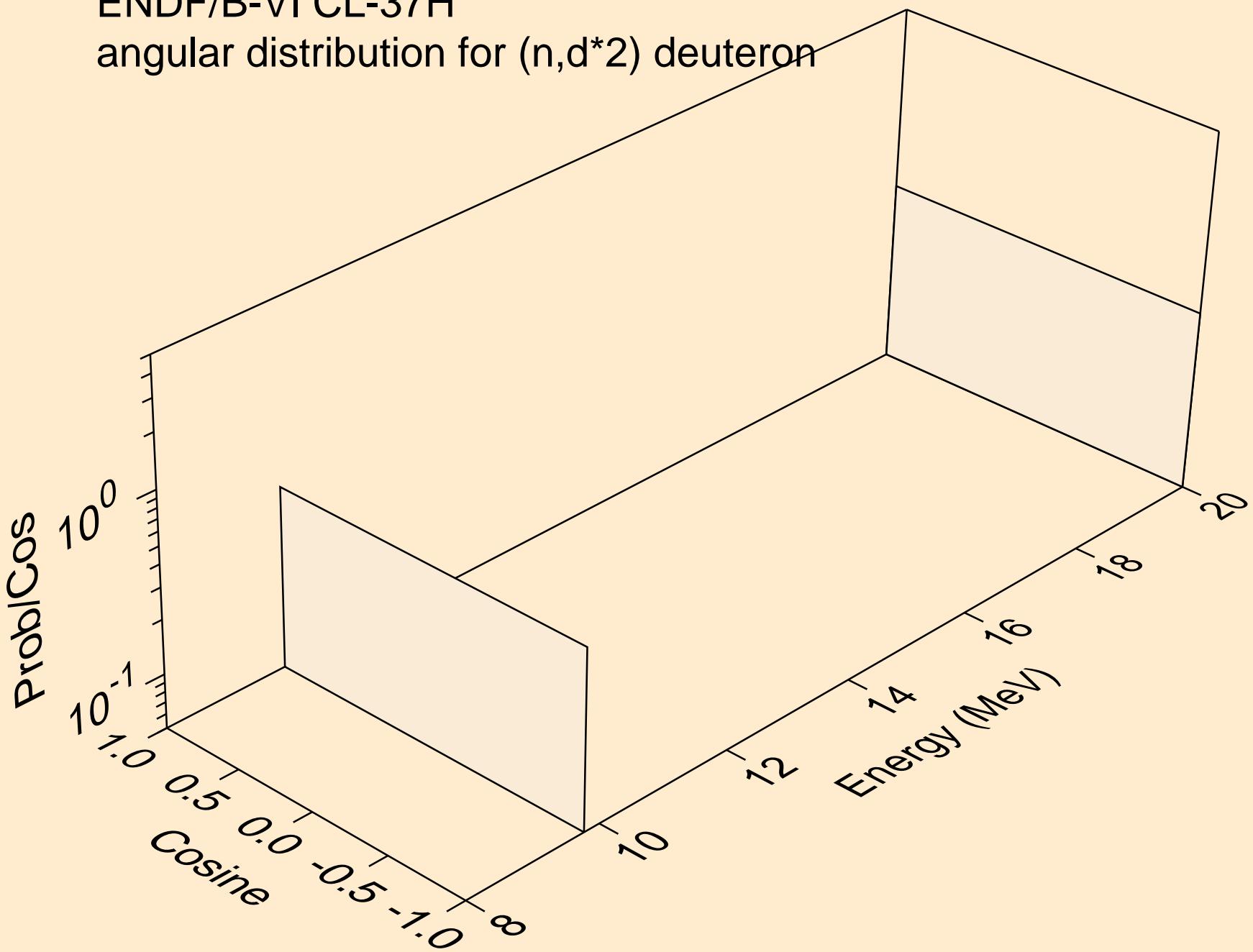
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angular distribution for ( $n, d^*0$ ) deuteron



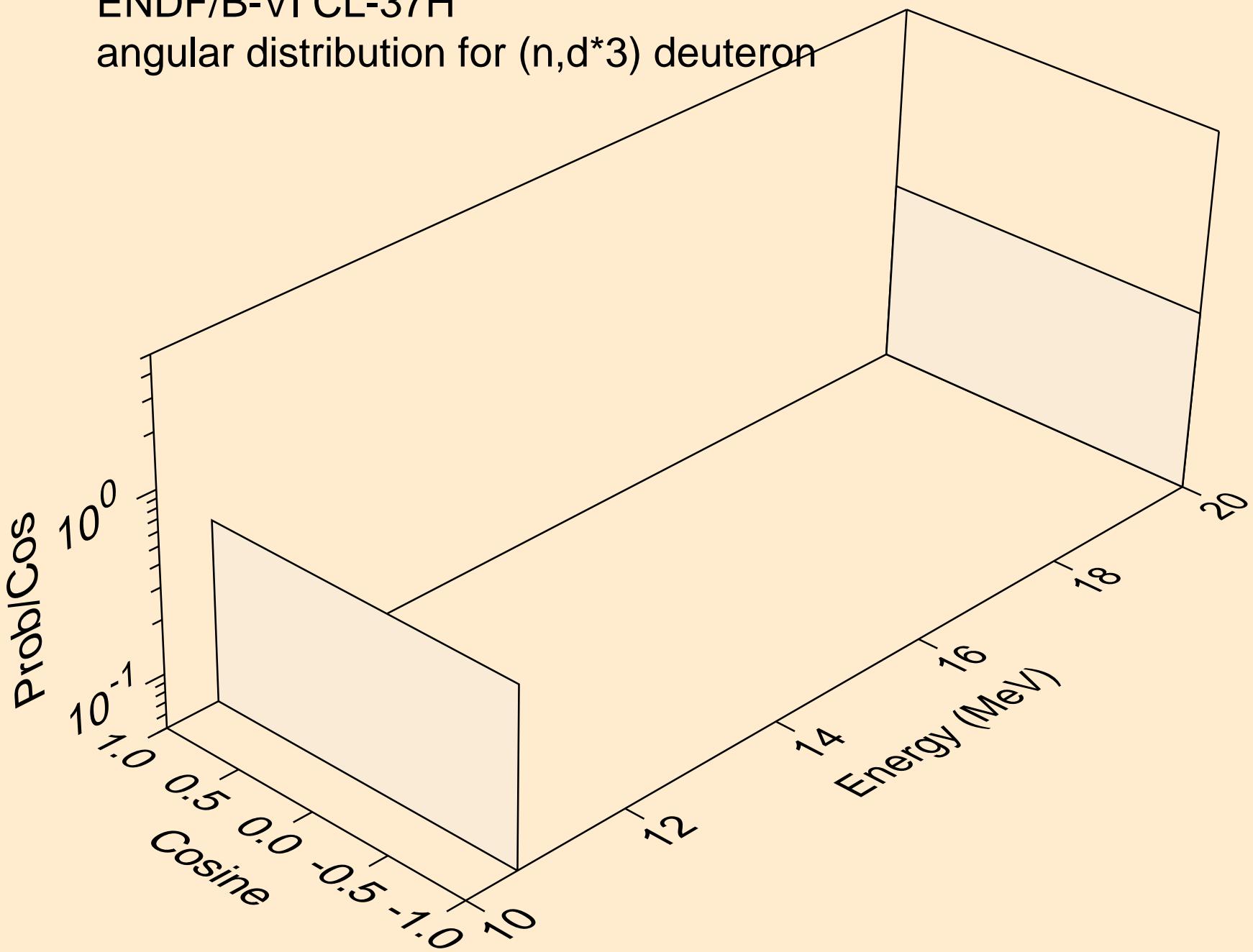
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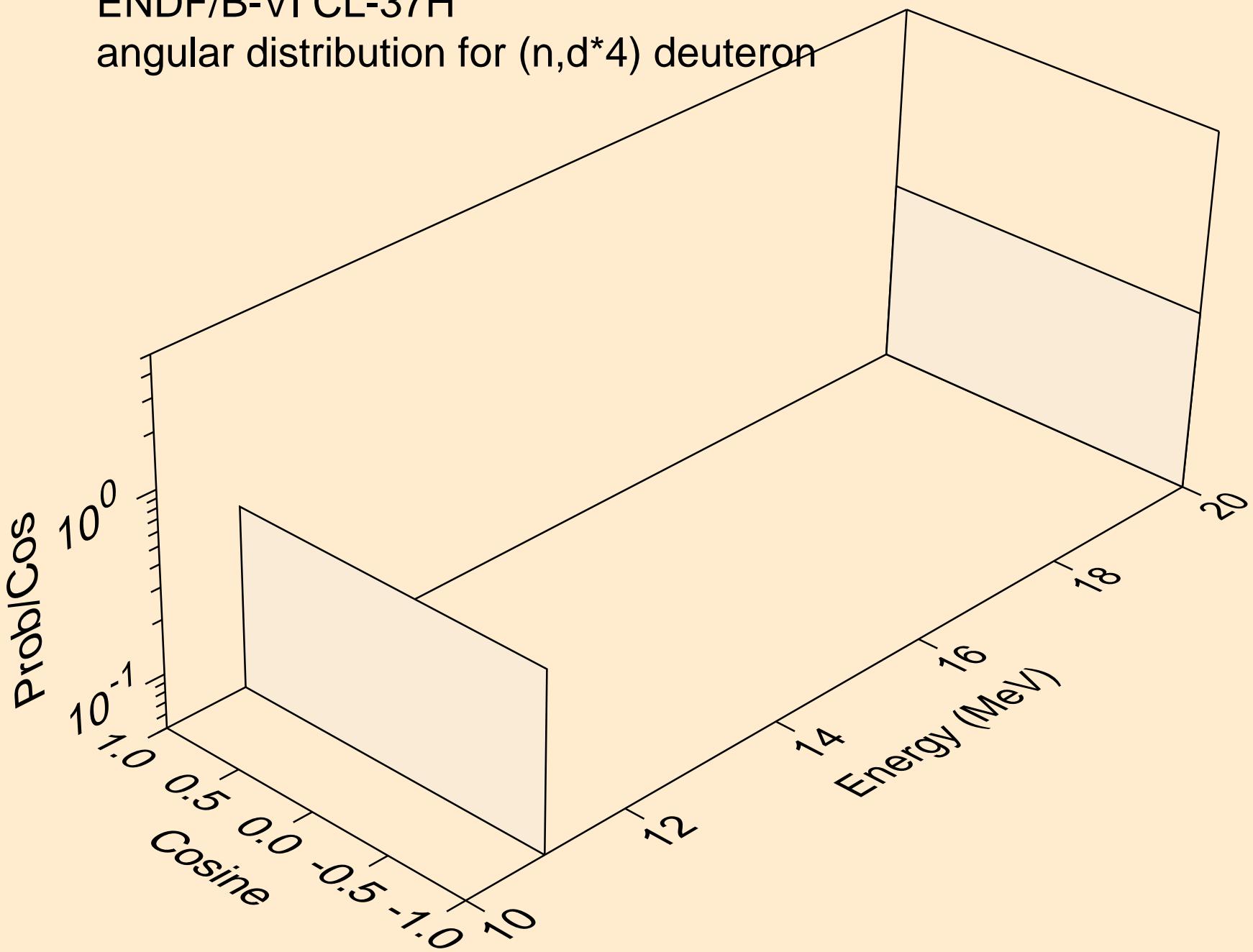
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angular distribution for ( $n, d^* 2$ ) deuteron



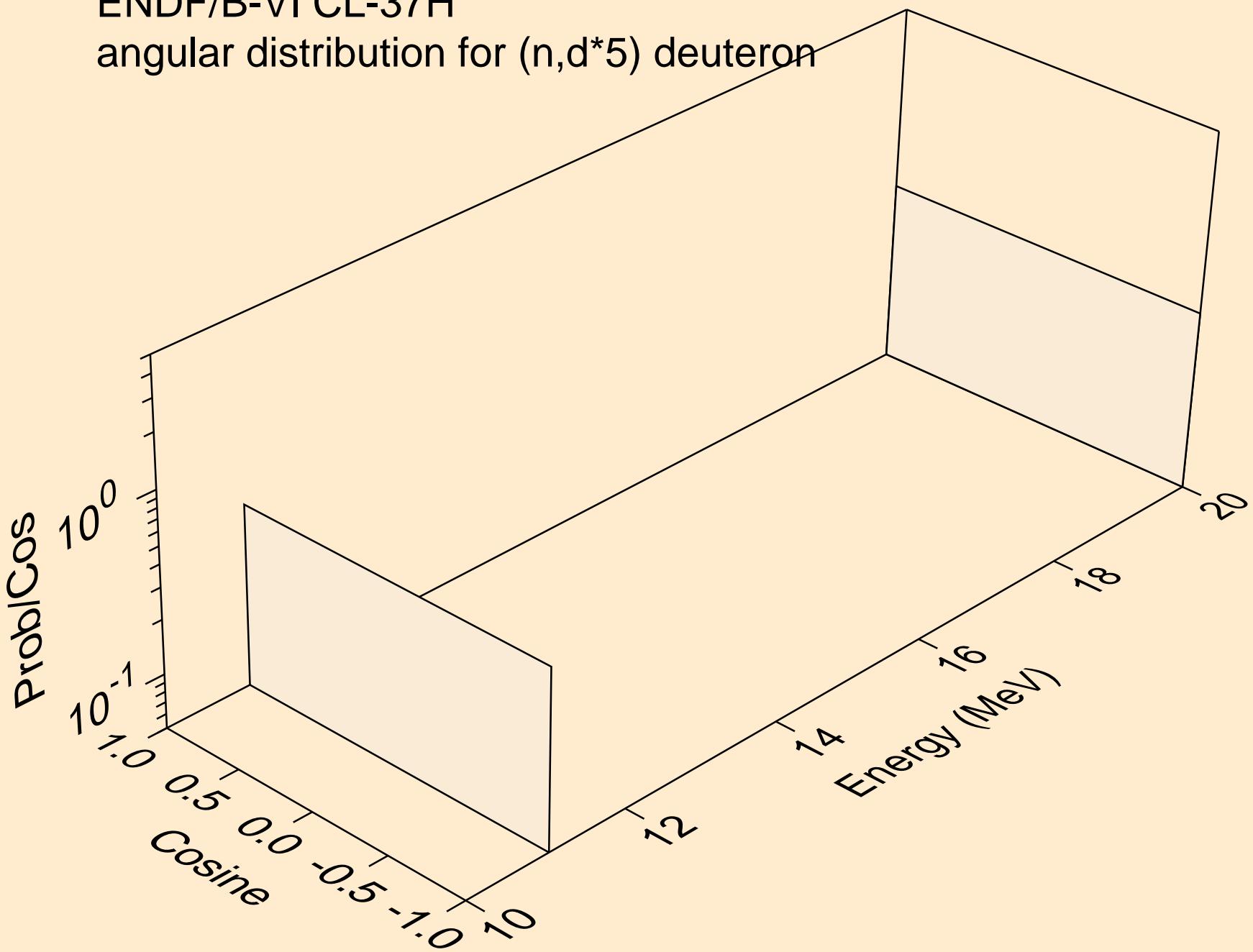
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angular distribution for ( $n, d^*3$ ) deuteron



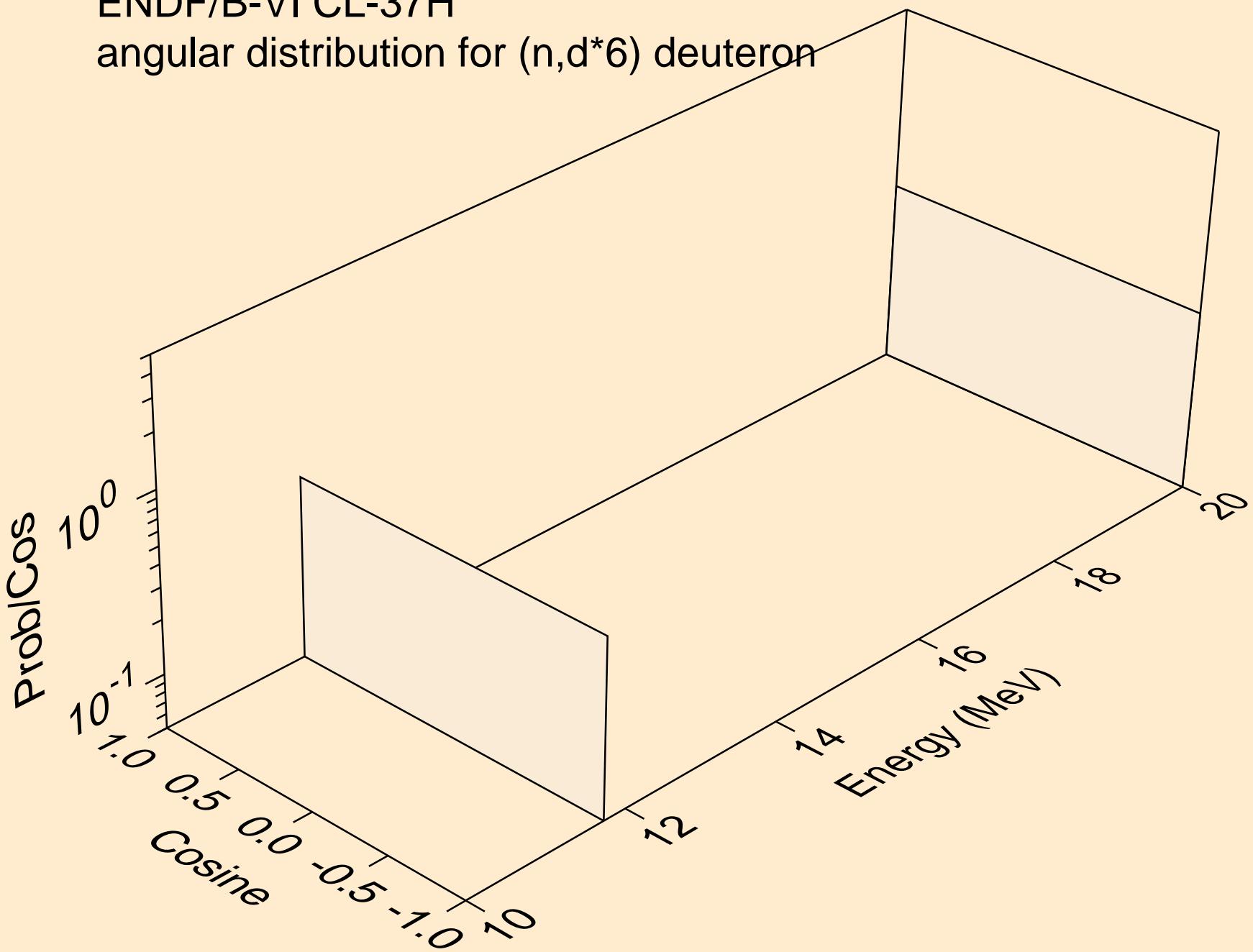
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angular distribution for ( $n, d^* 4$ ) deuteron



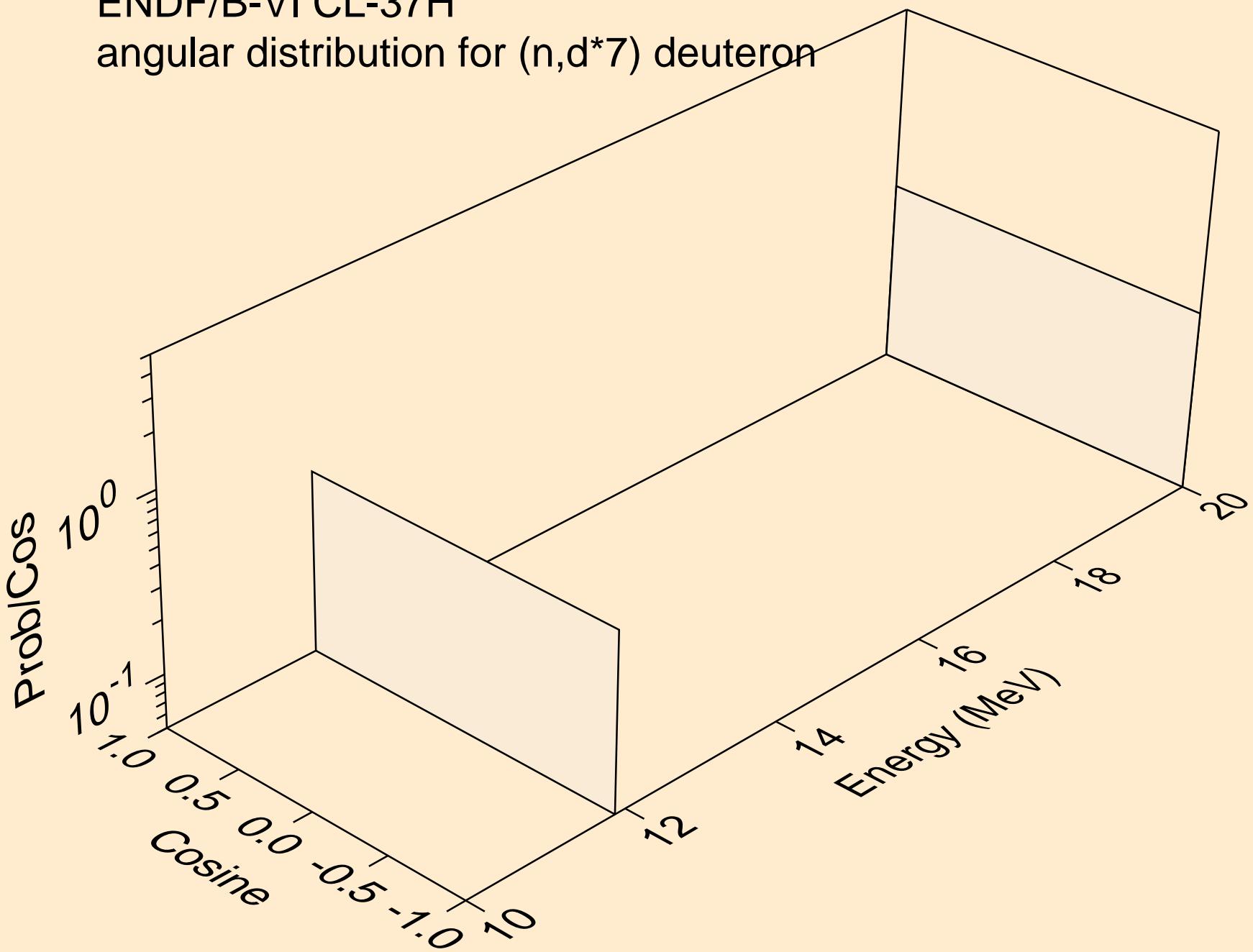
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angular distribution for ( $n, d^* 5$ ) deuteron



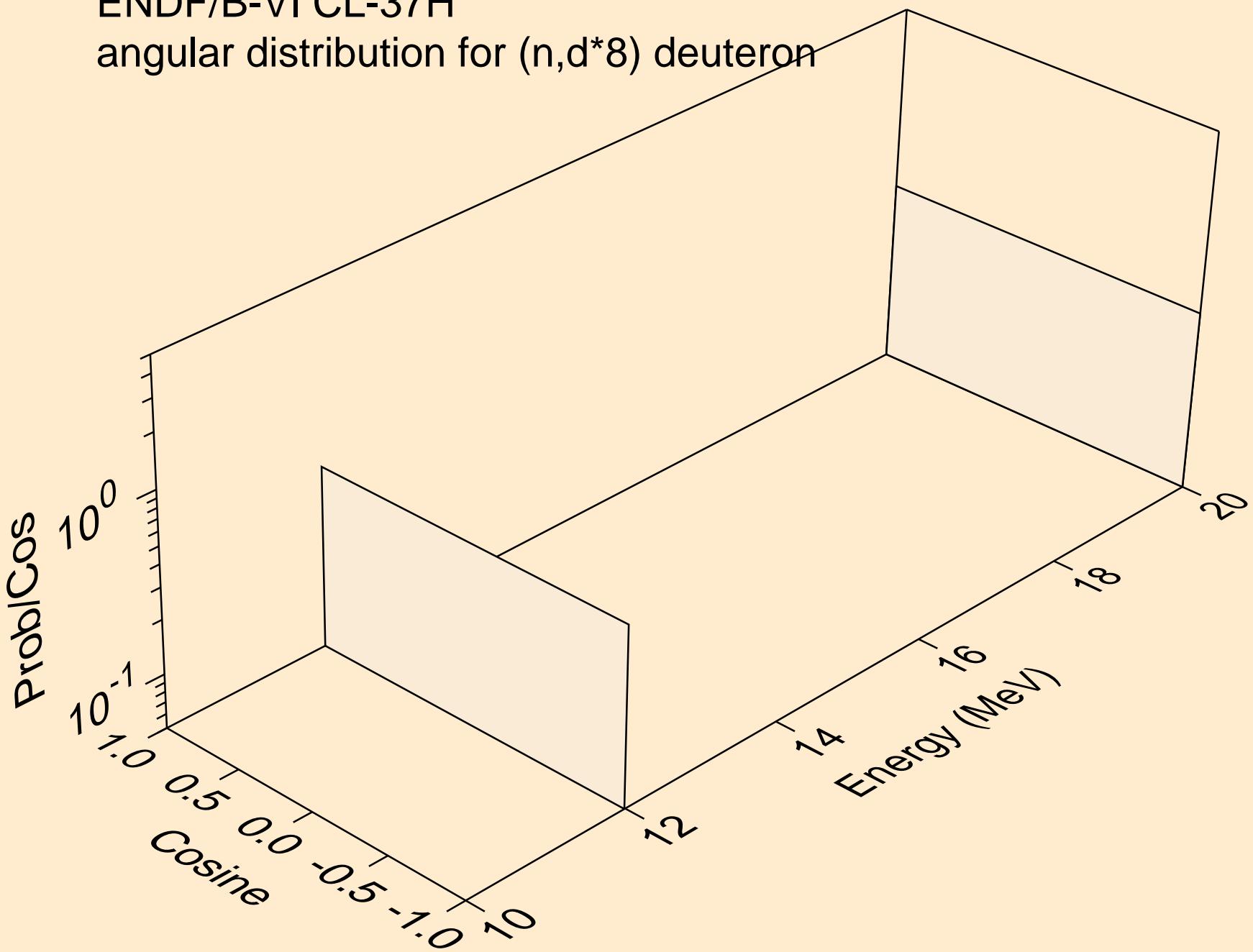
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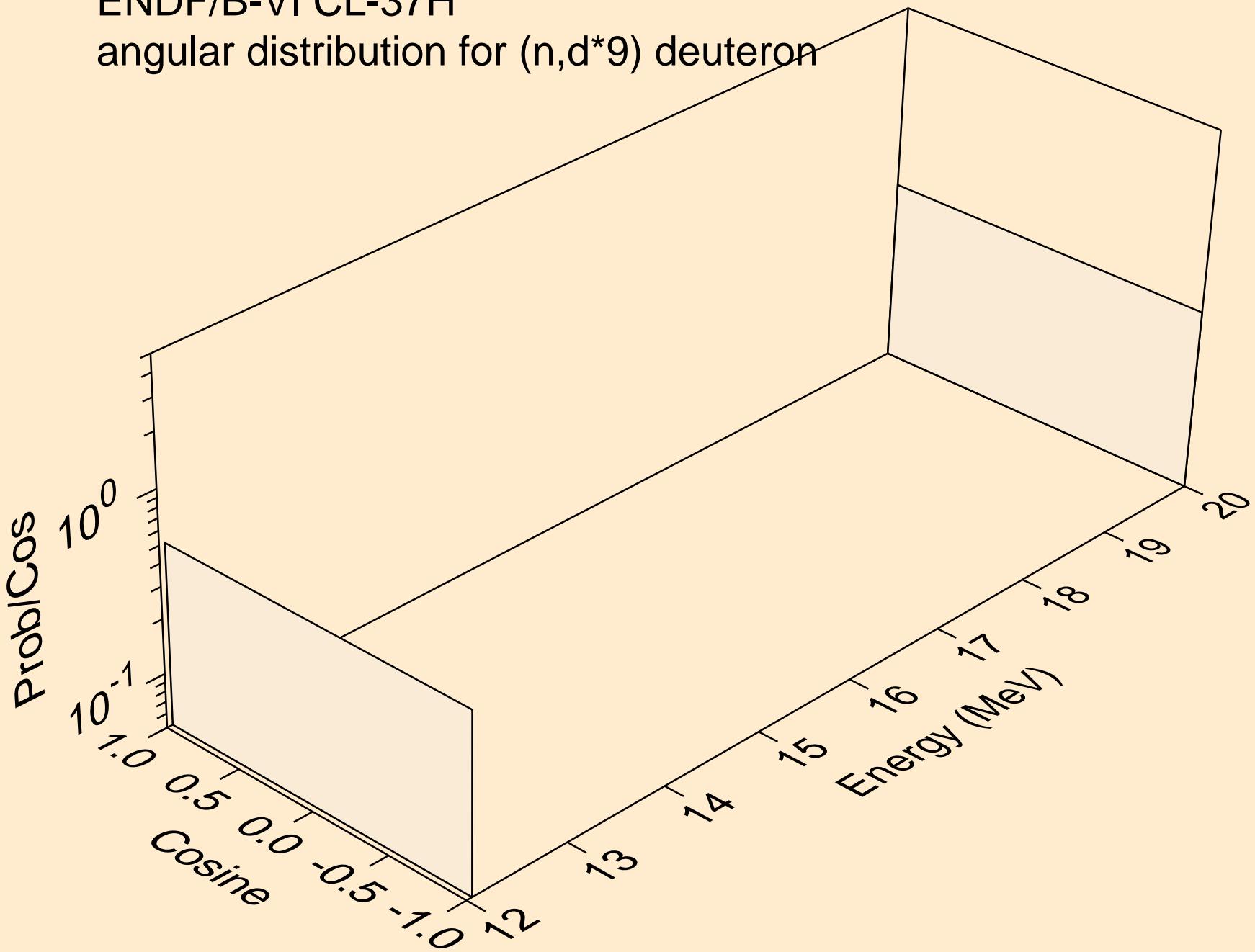
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angular distribution for ( $n, d^* 7$ ) deuteron



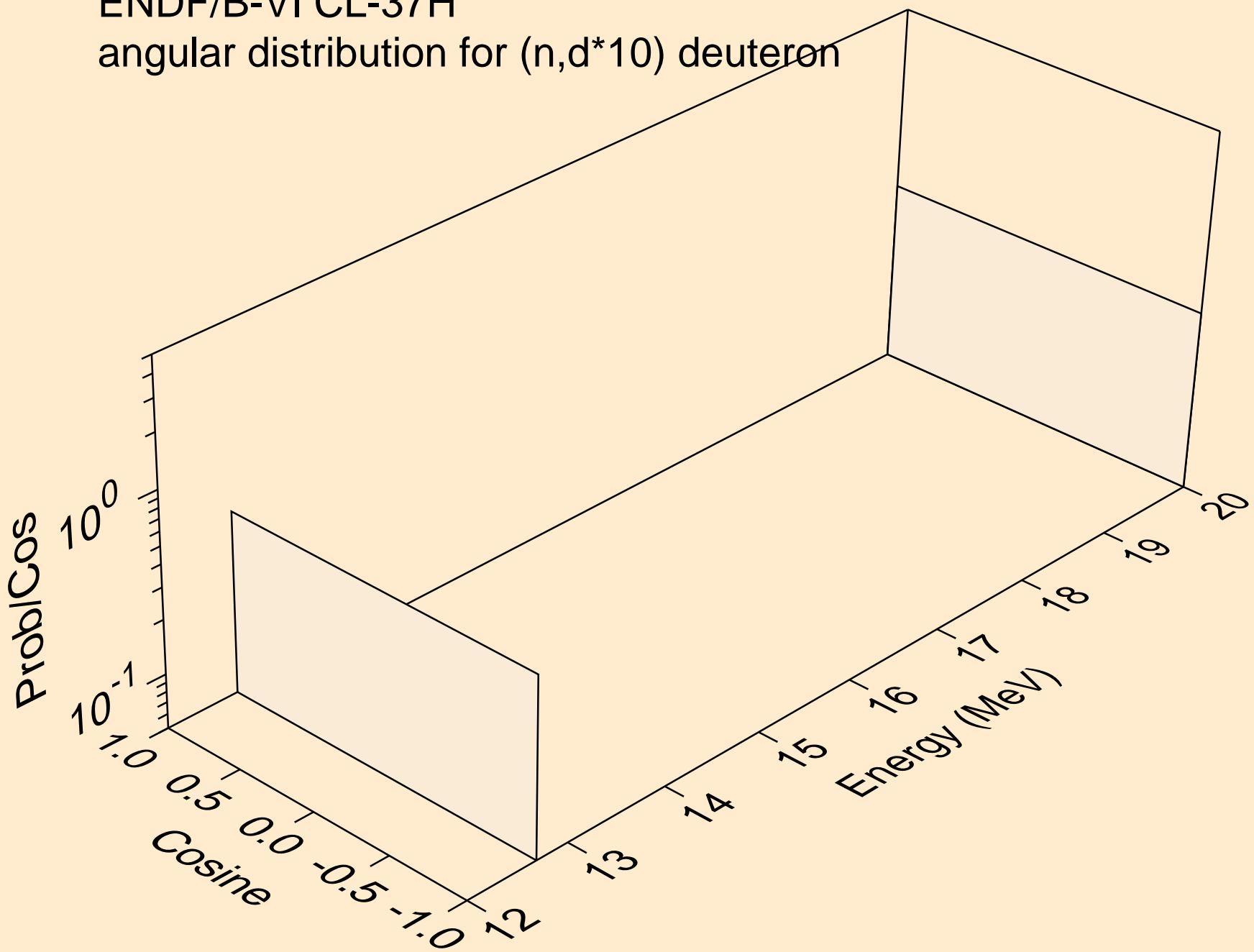
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angular distribution for ( $n,d^*8$ ) deuteron



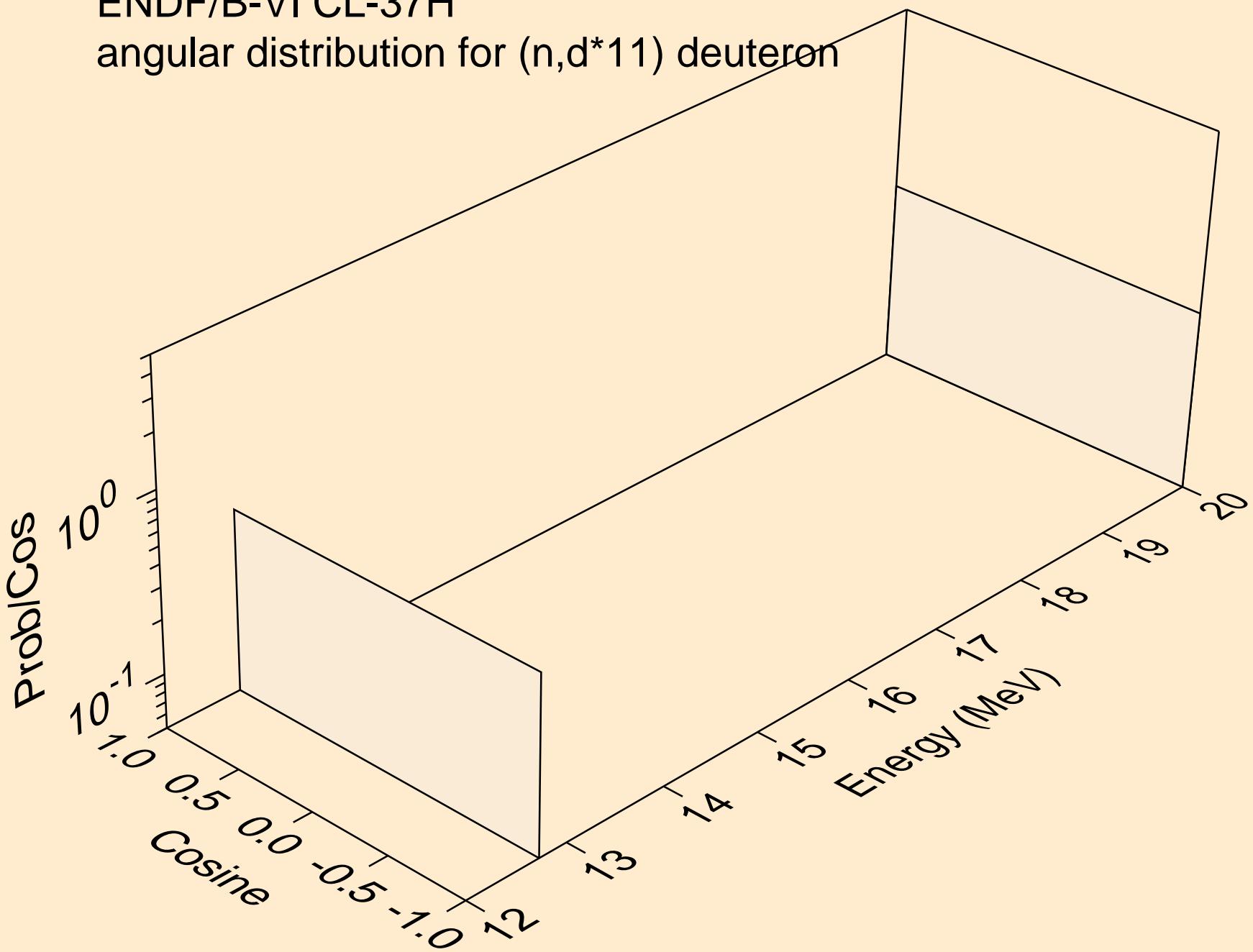
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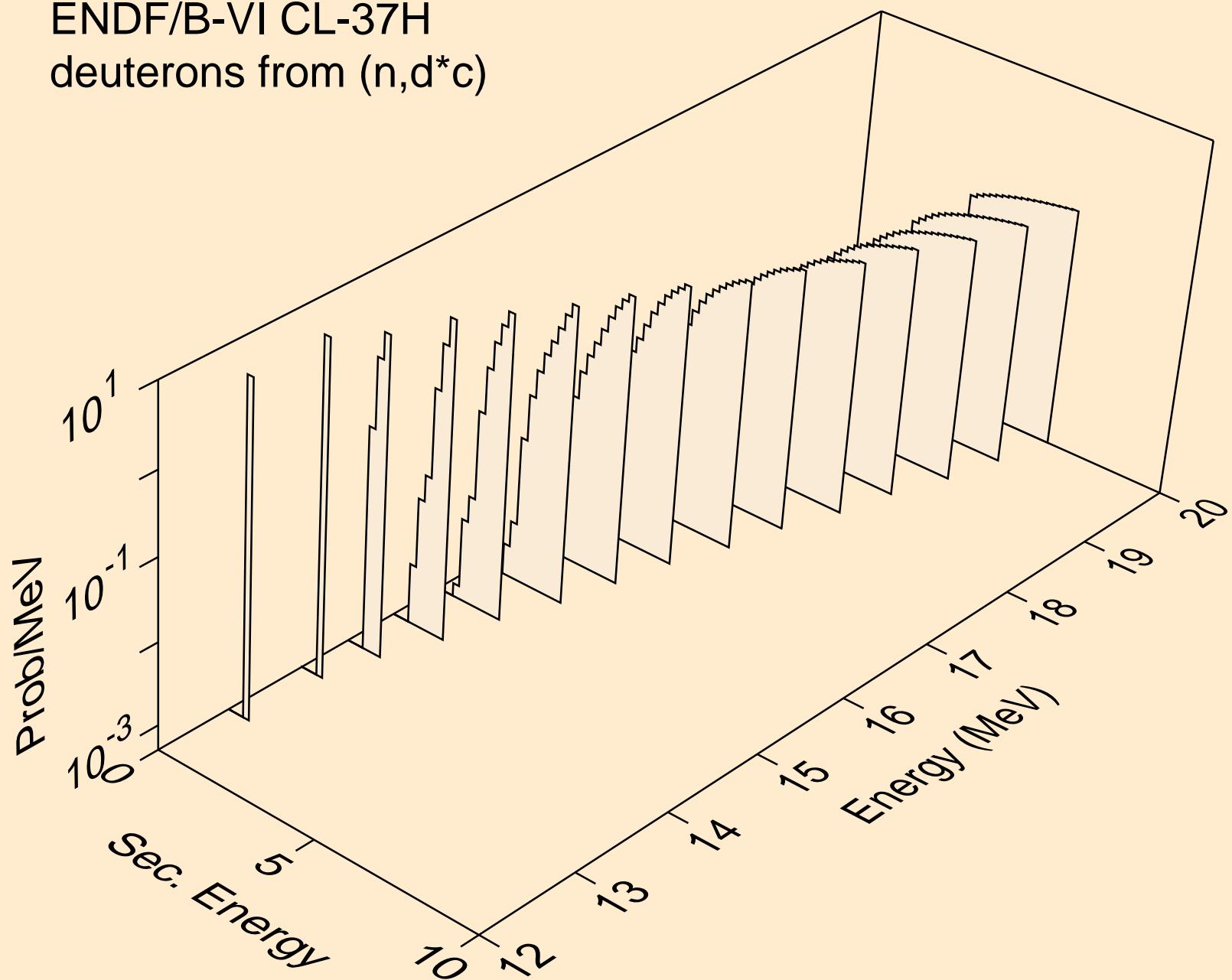
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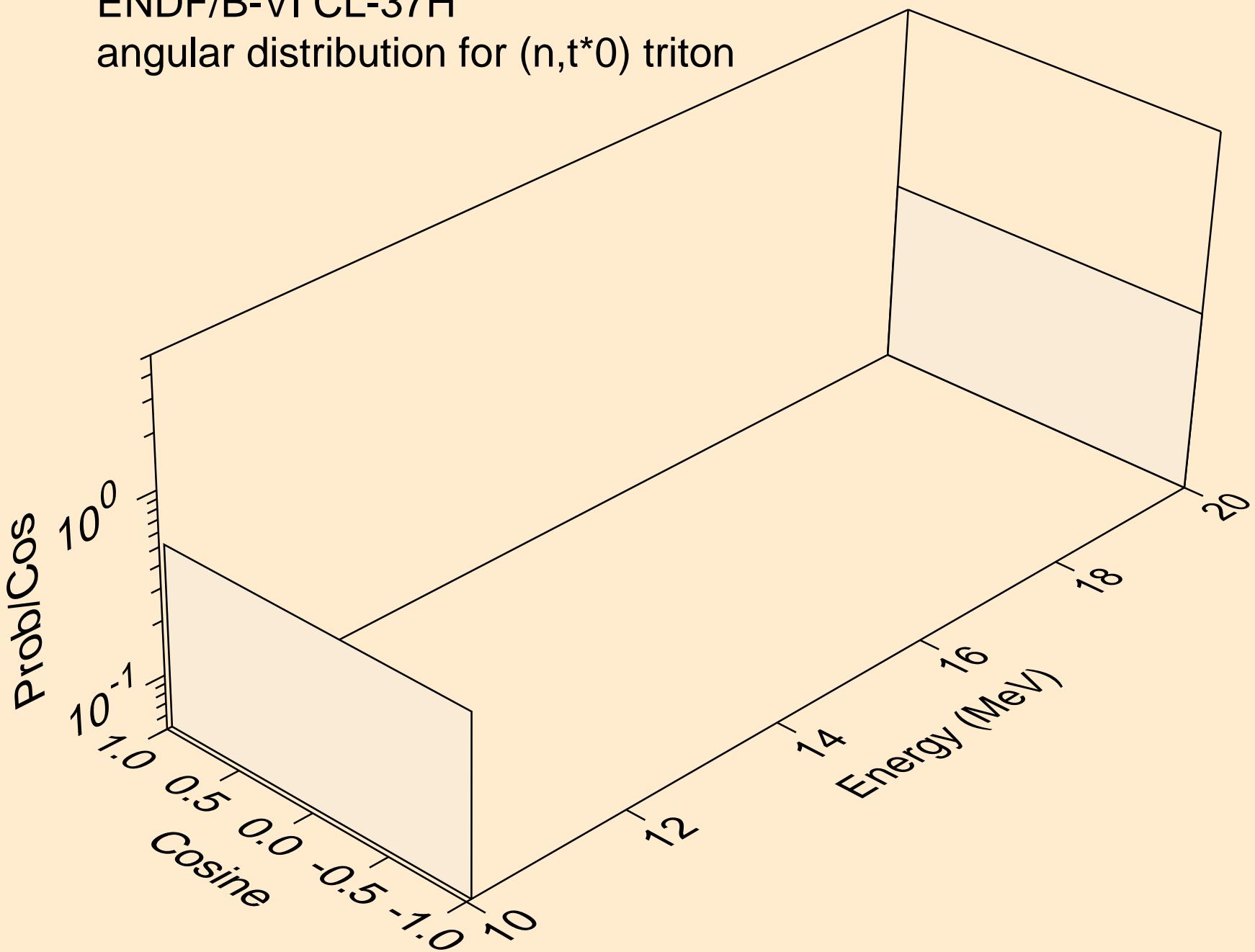
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angular distribution for ( $n,d^*11$ ) deuteron



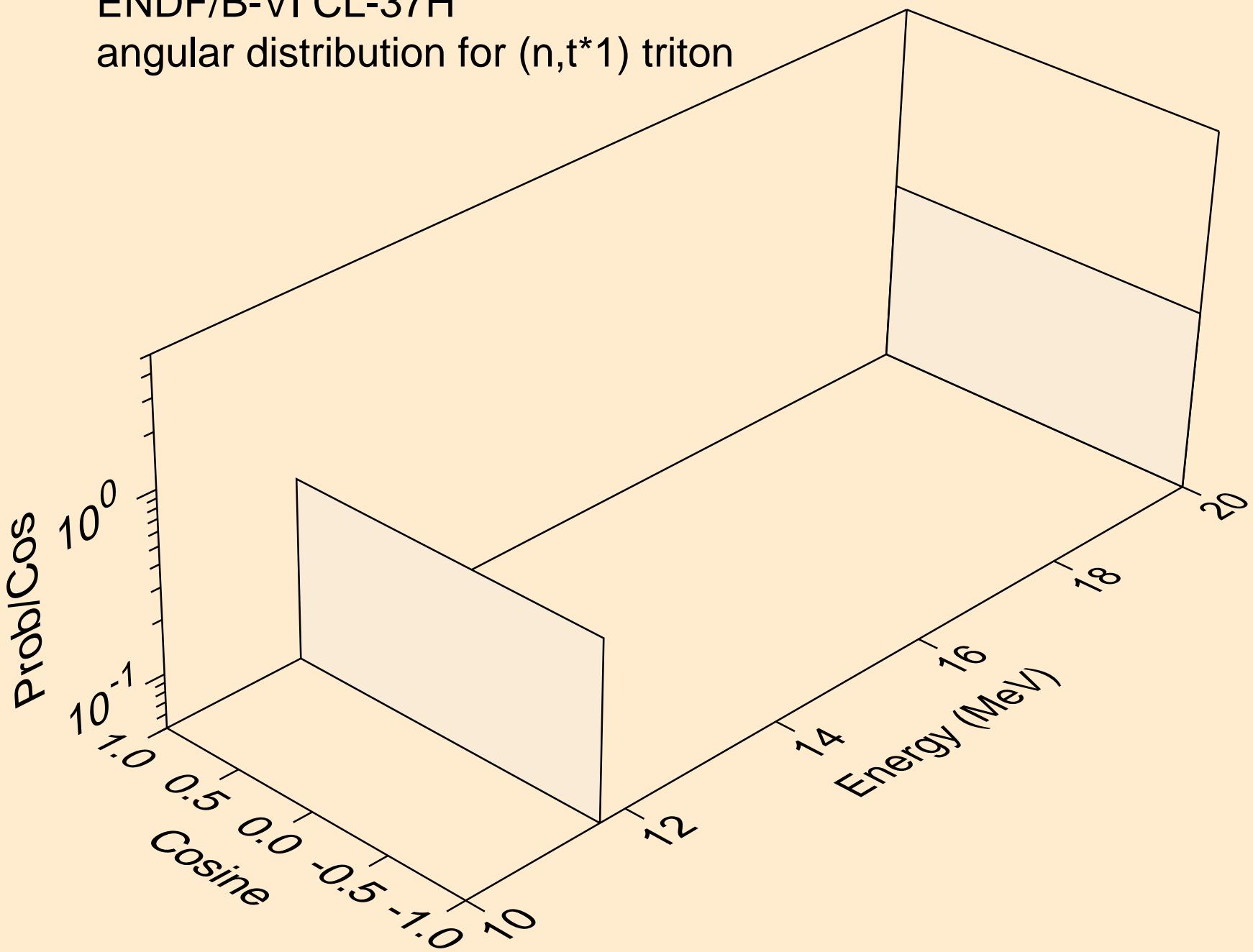
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deuterons from  $(n, d^* c)$



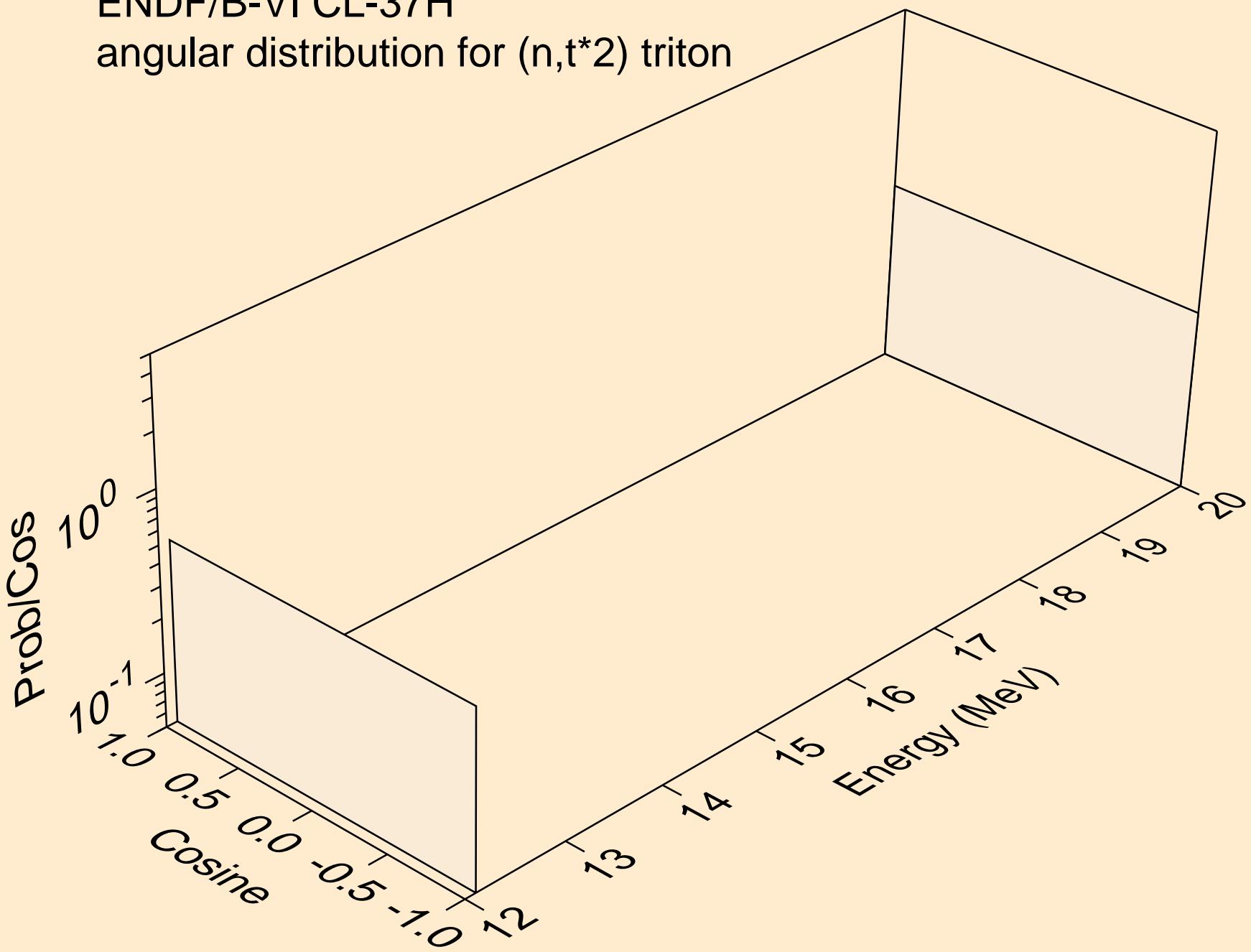
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angular distribution for ( $n, t^* 0$ ) triton



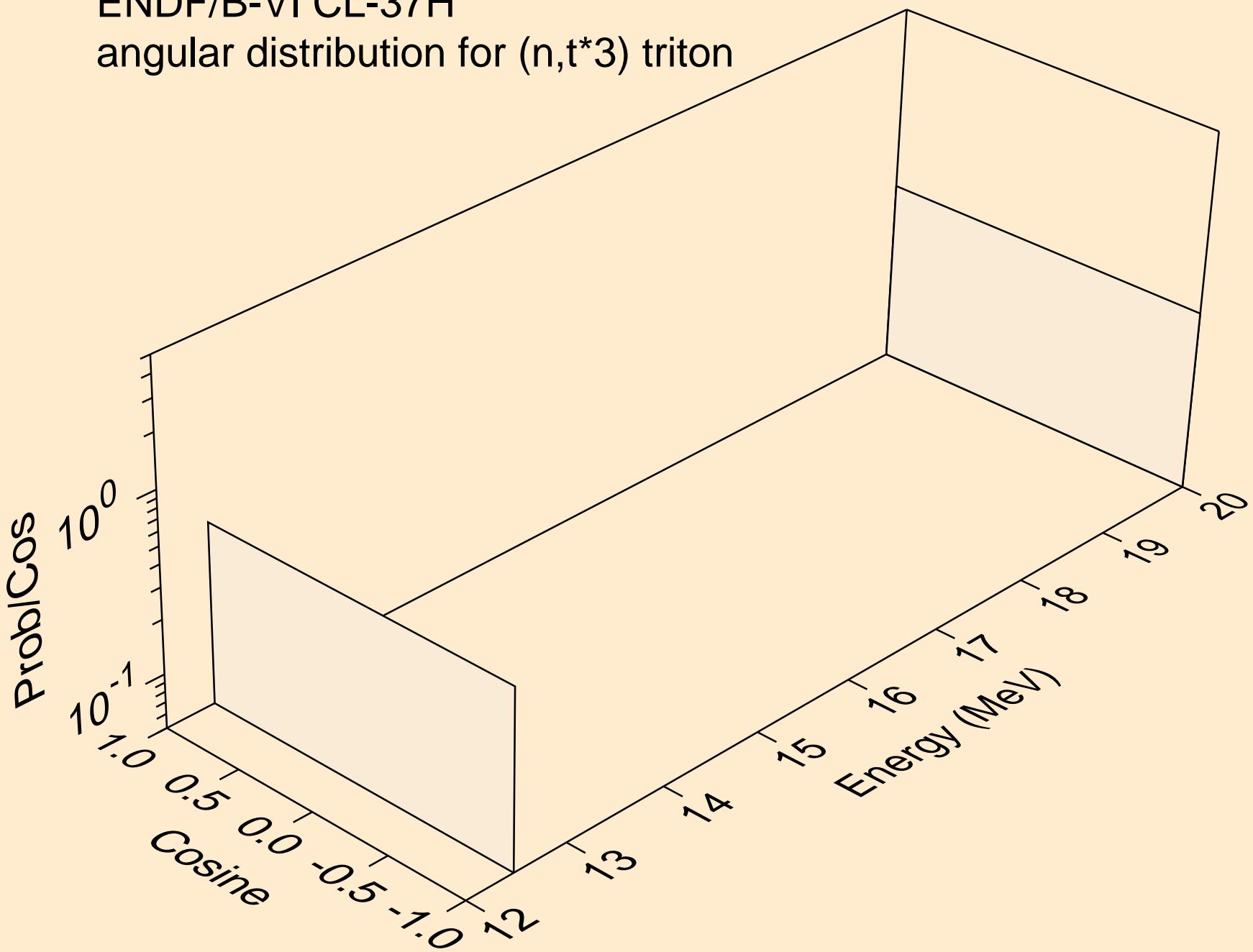
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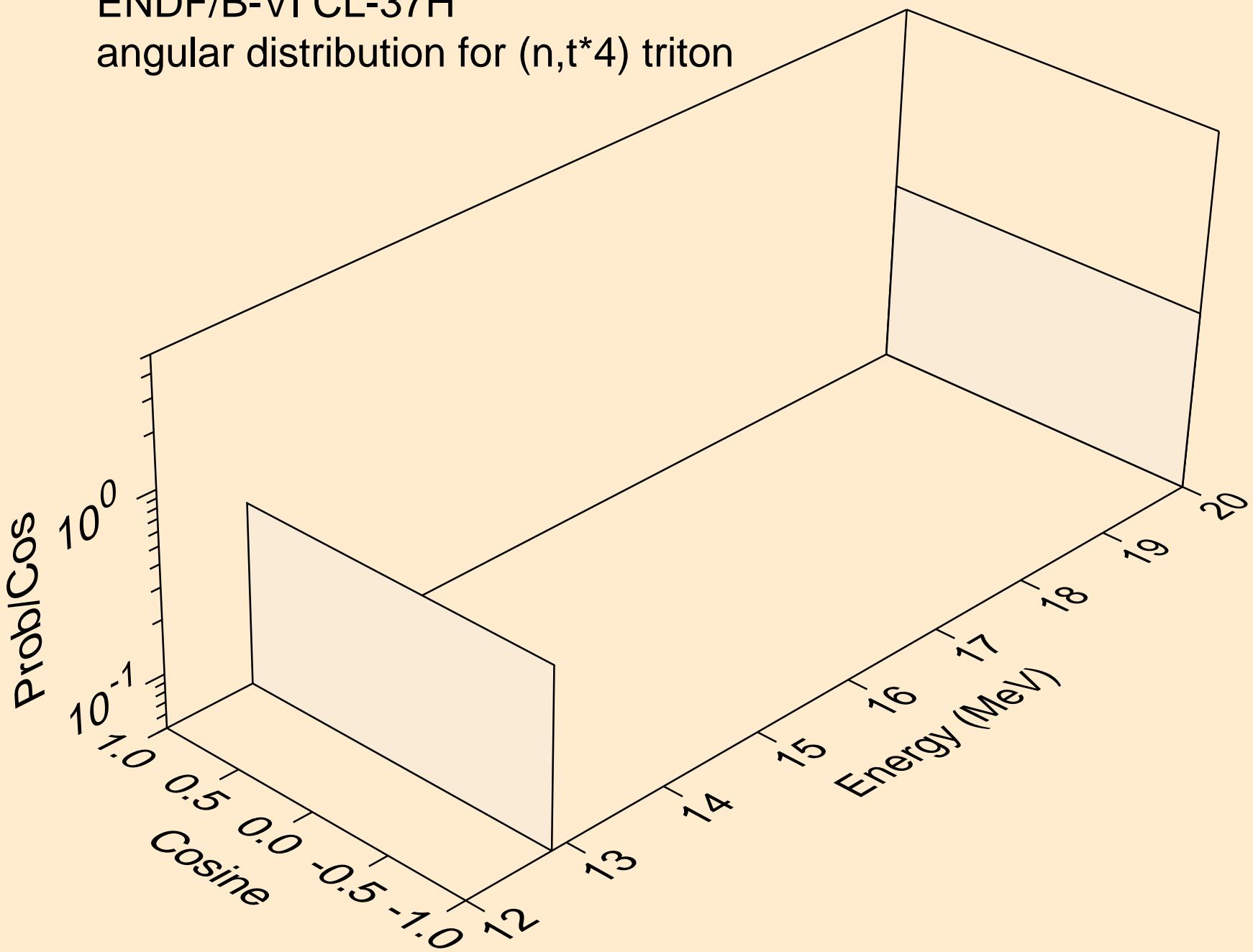
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angular distribution for ( $n, t^*2$ ) triton



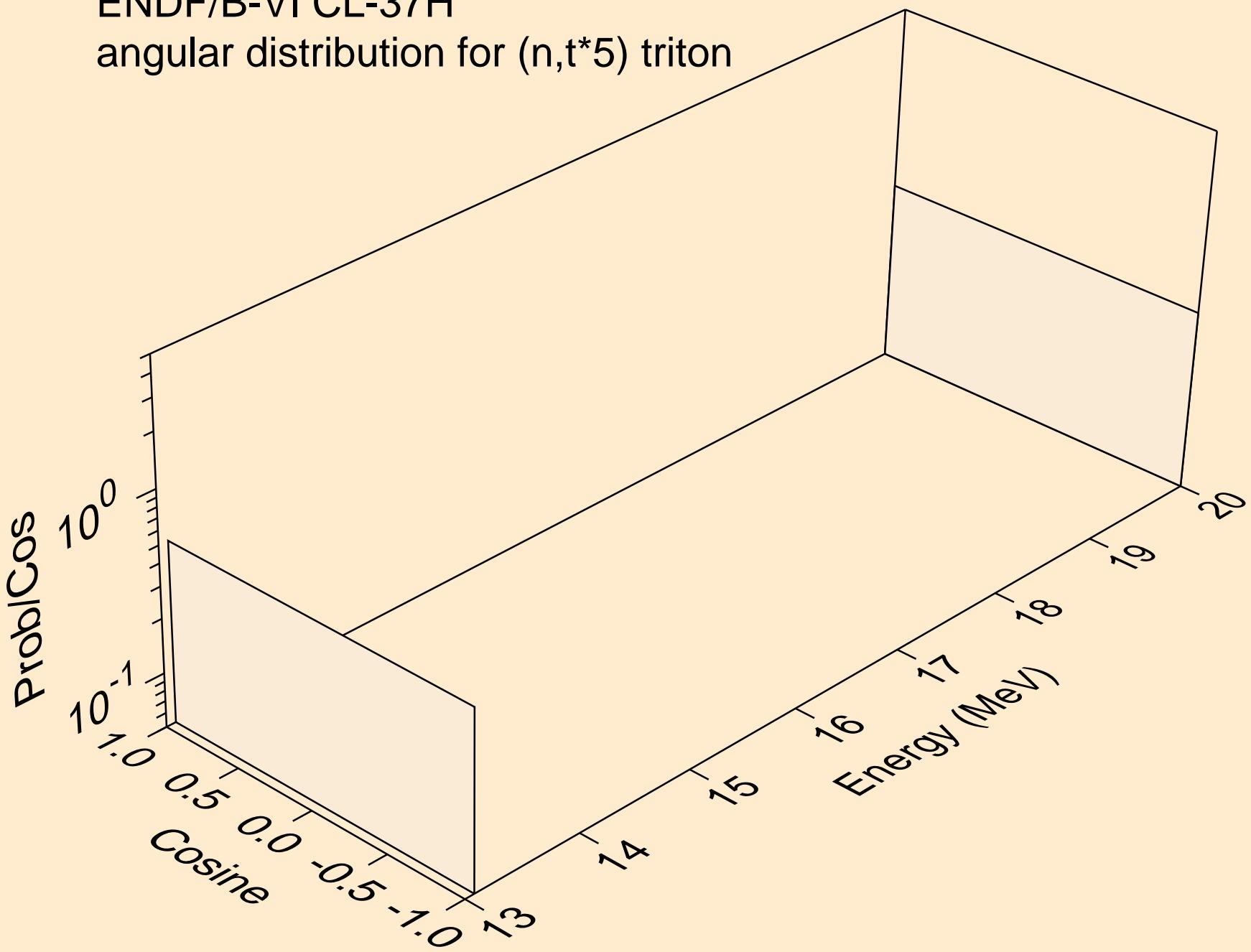
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angular distribution for ( $n, t^*3$ ) triton



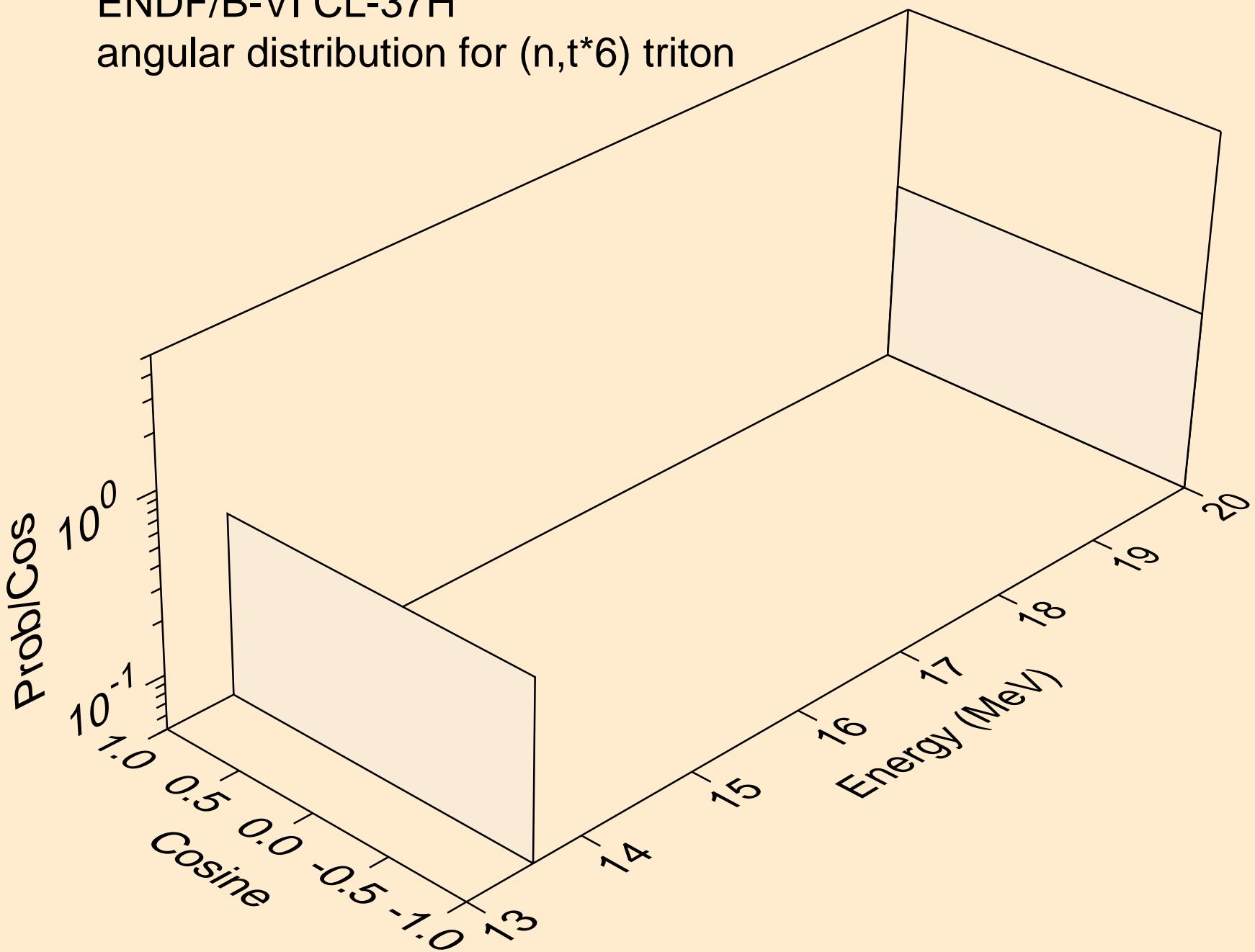
ENDF/B-VI CL-37H  
angular distribution for ( $n, t^*4$ ) triton



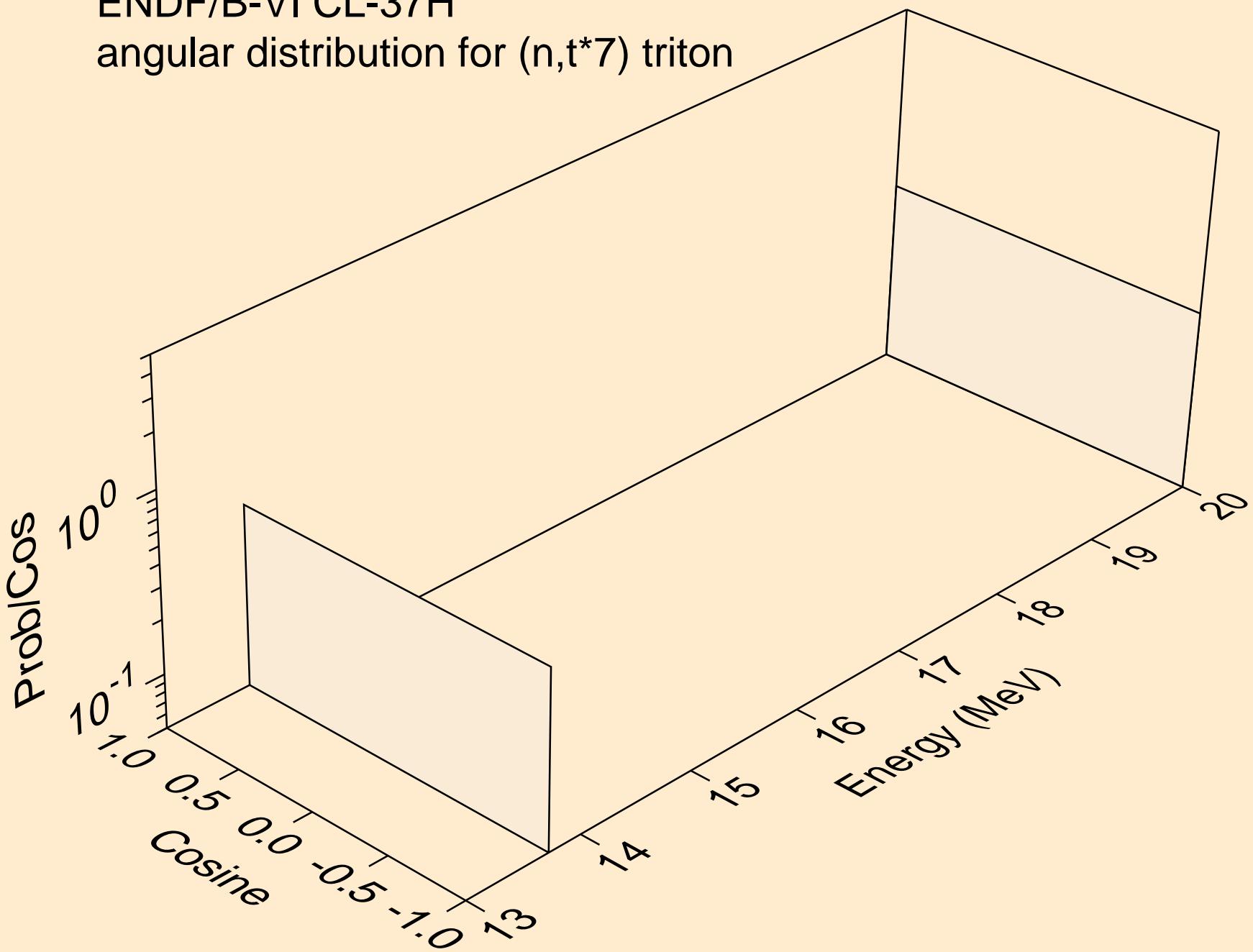
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angular distribution for ( $n,t^*5$ ) triton



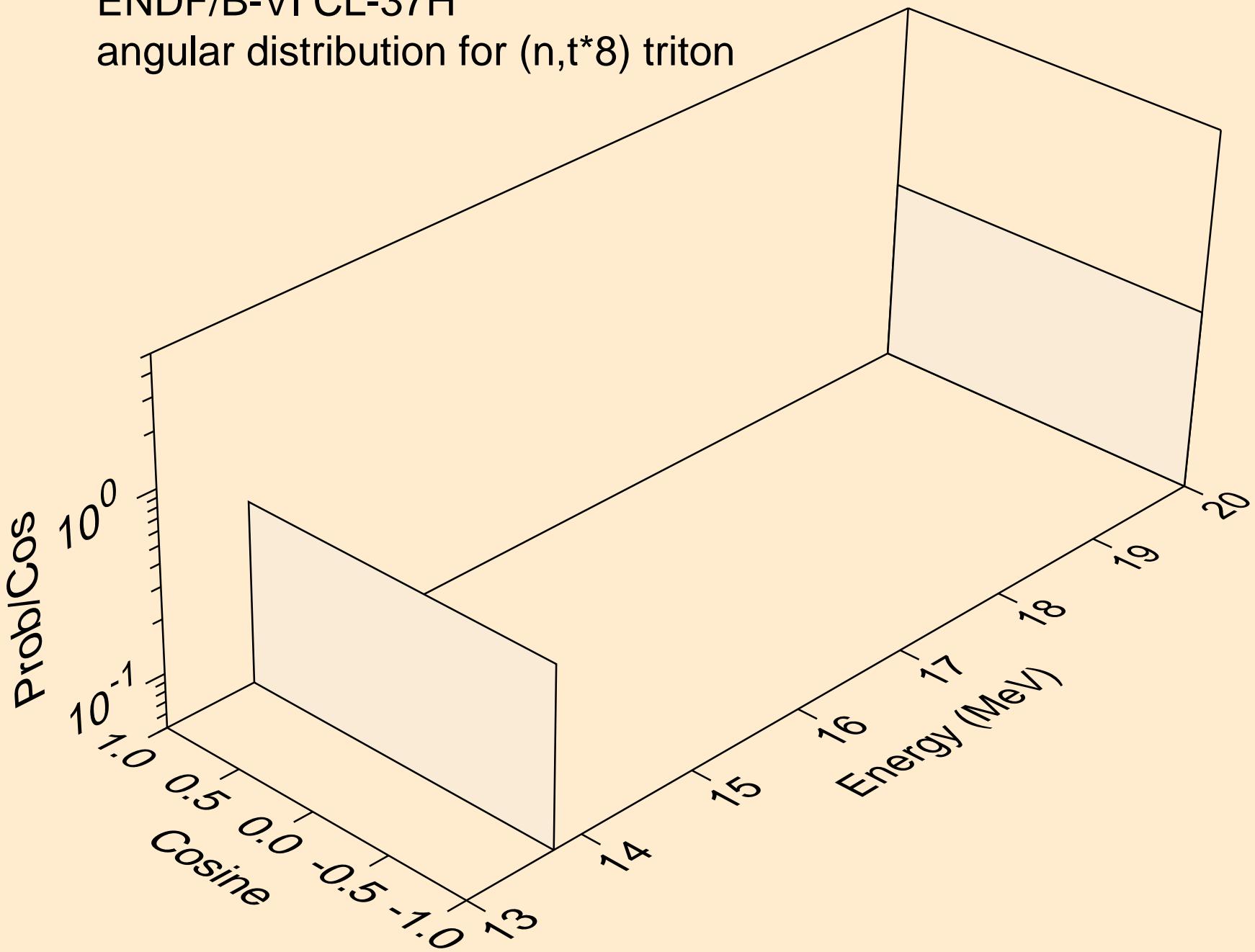
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angular distribution for ( $n, t^*6$ ) triton



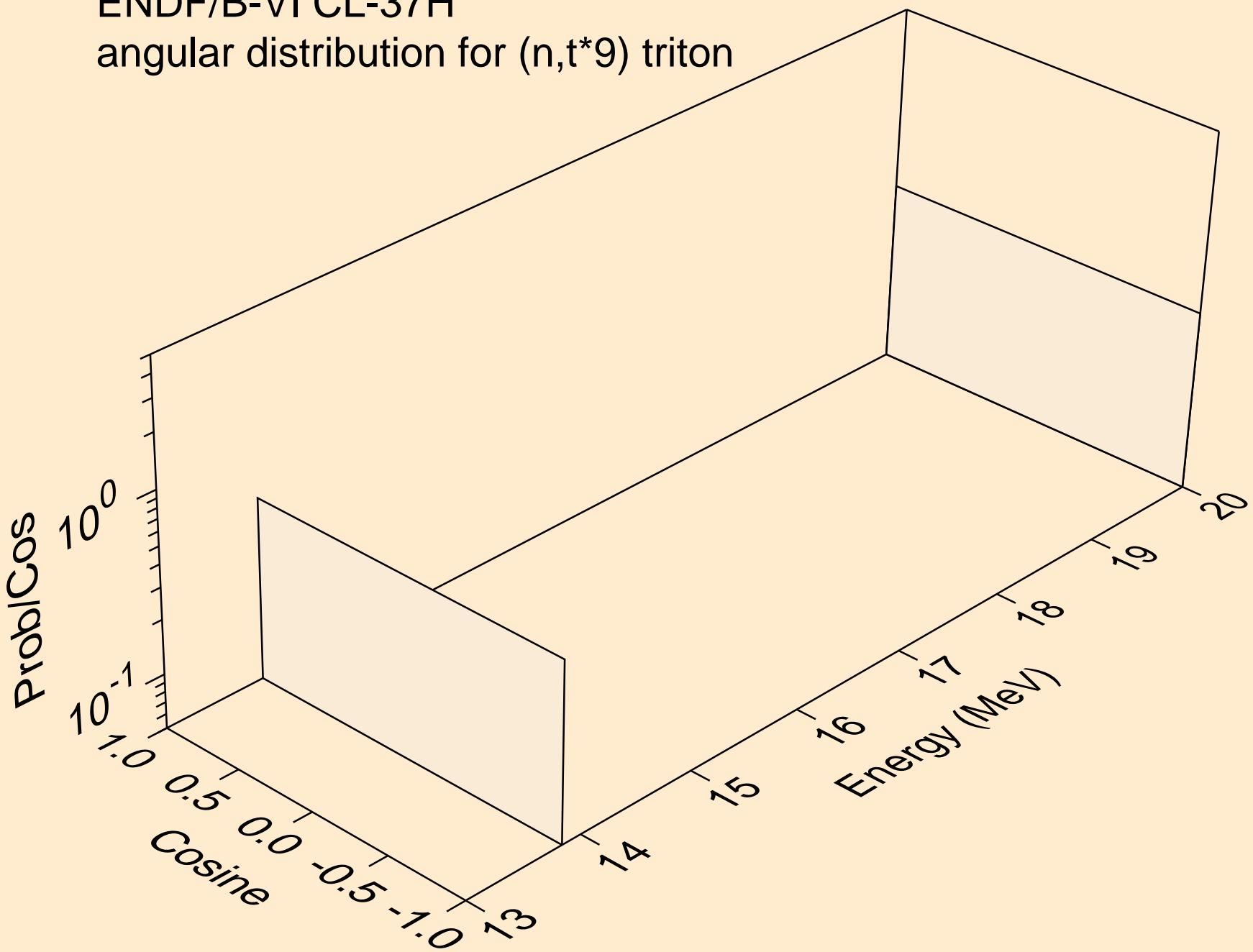
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angular distribution for ( $n,t^*7$ ) triton



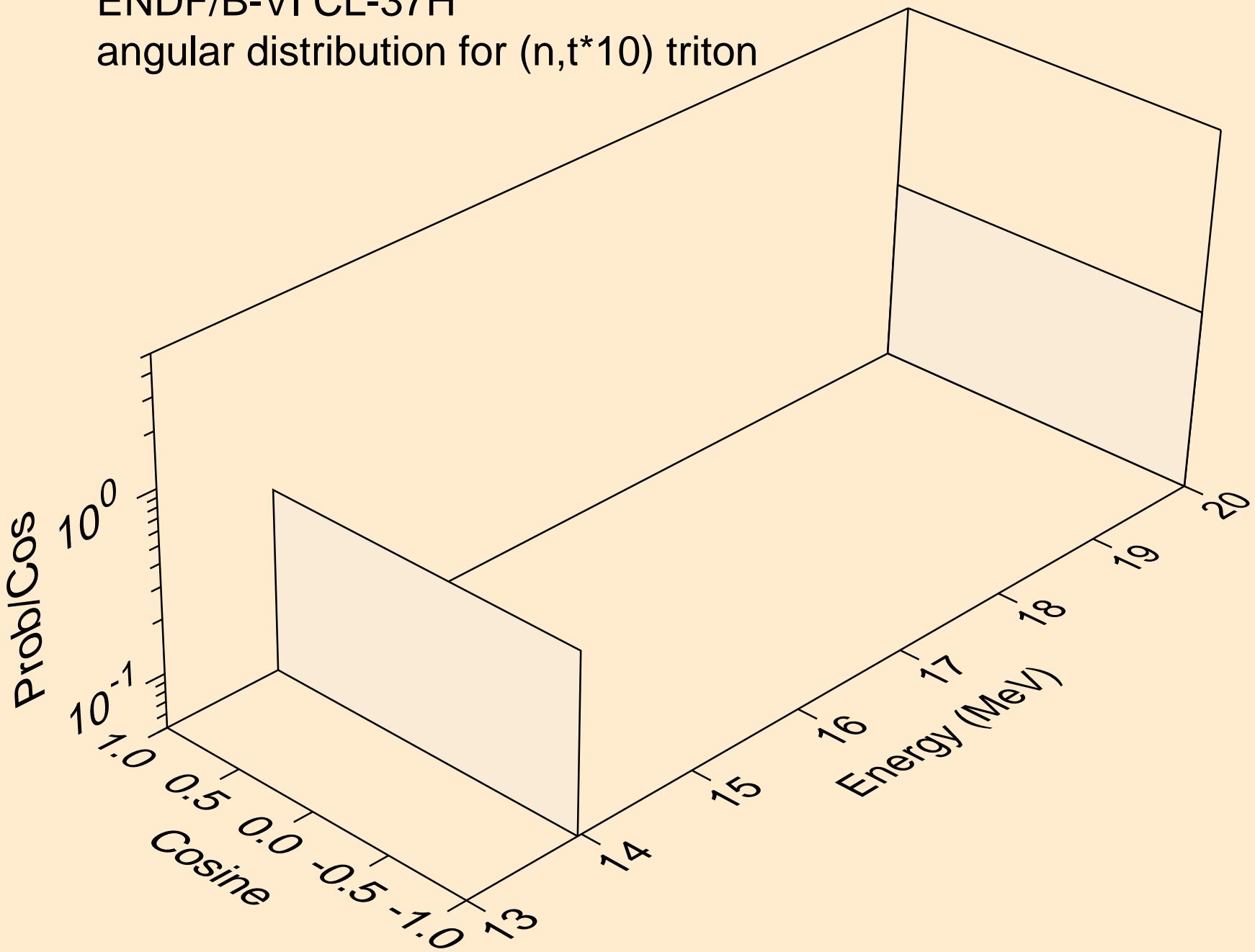
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angular distribution for ( $n, t^*8$ ) triton



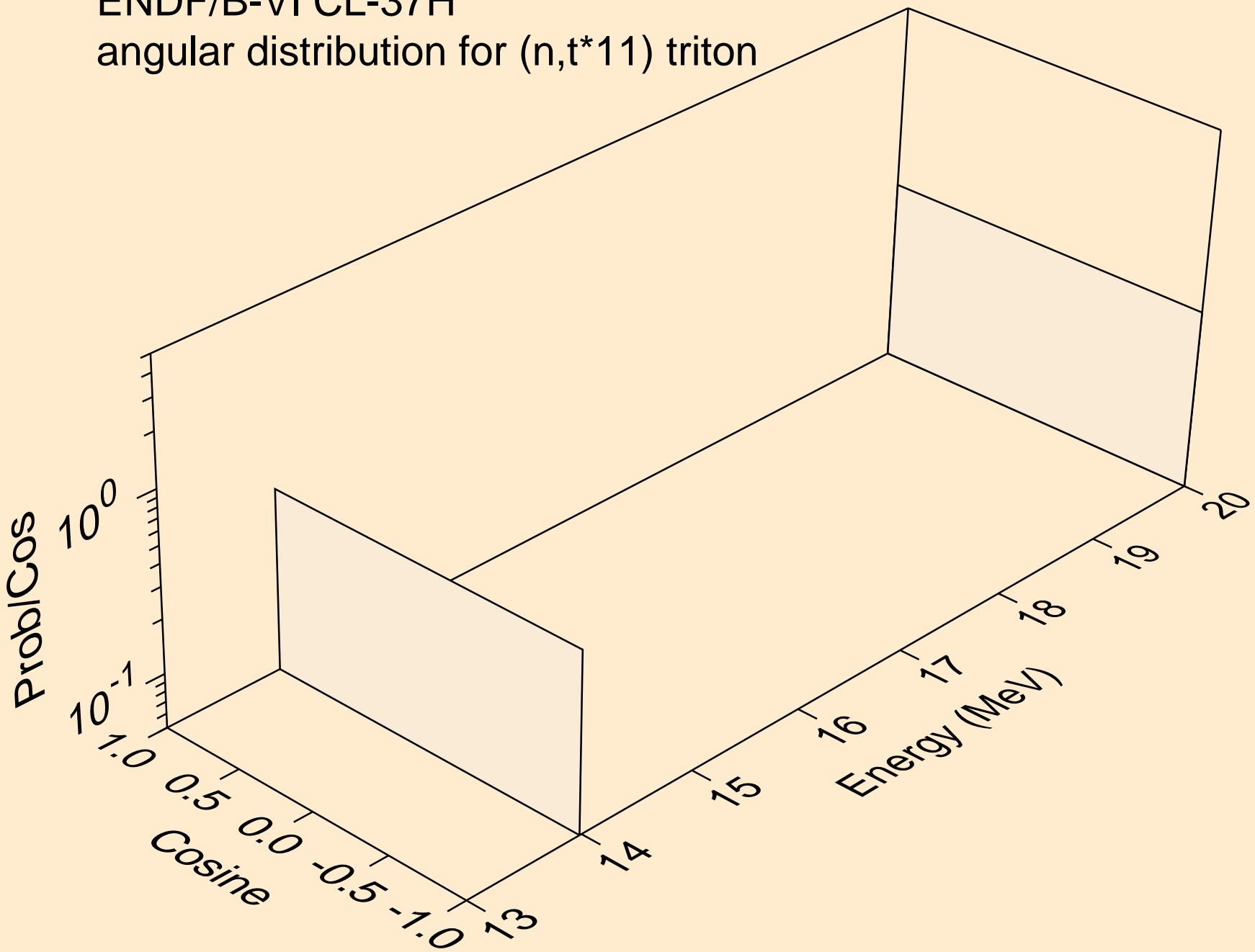
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angular distribution for ( $n,t^*9$ ) triton



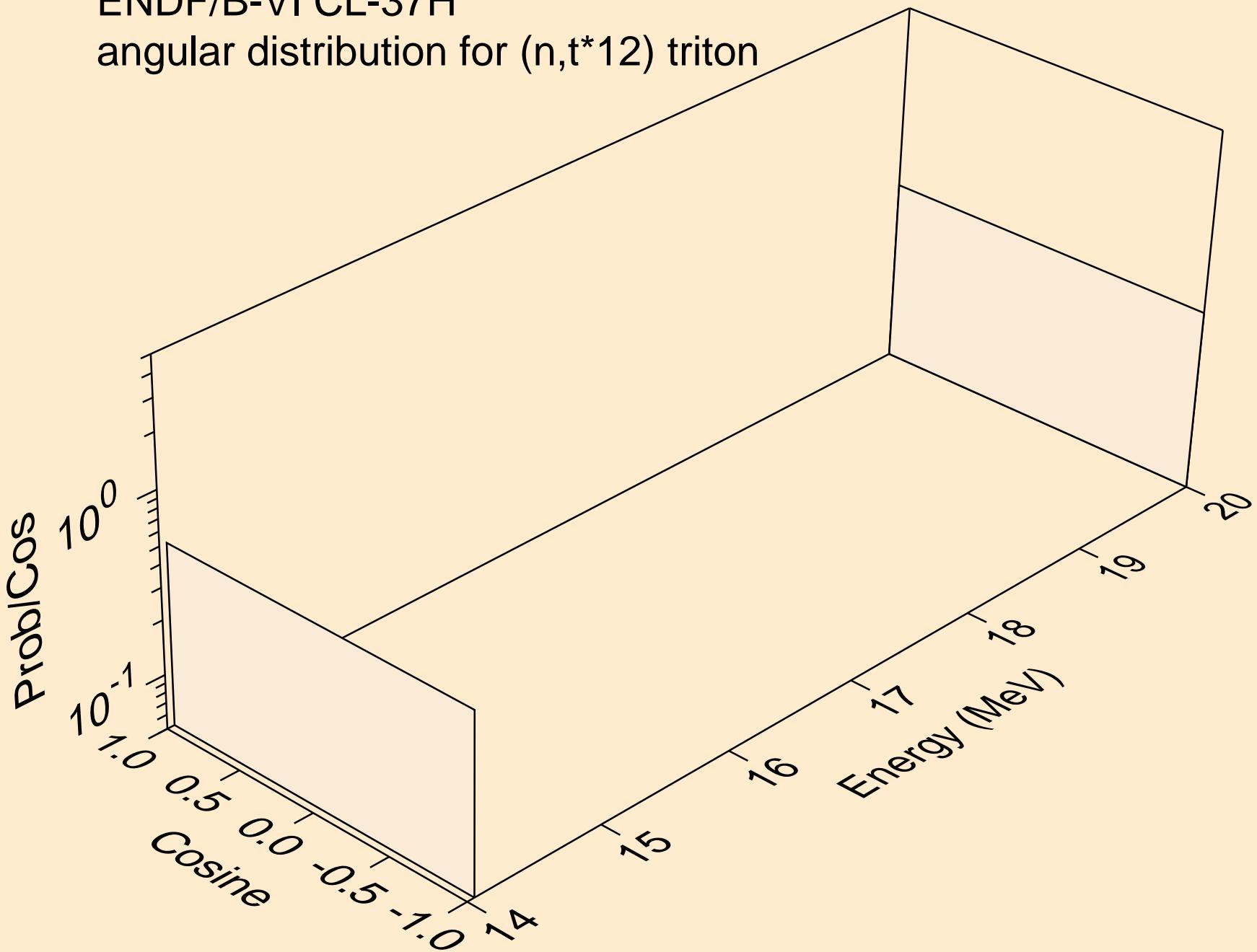
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angular distribution for ( $n,t^*10$ ) triton



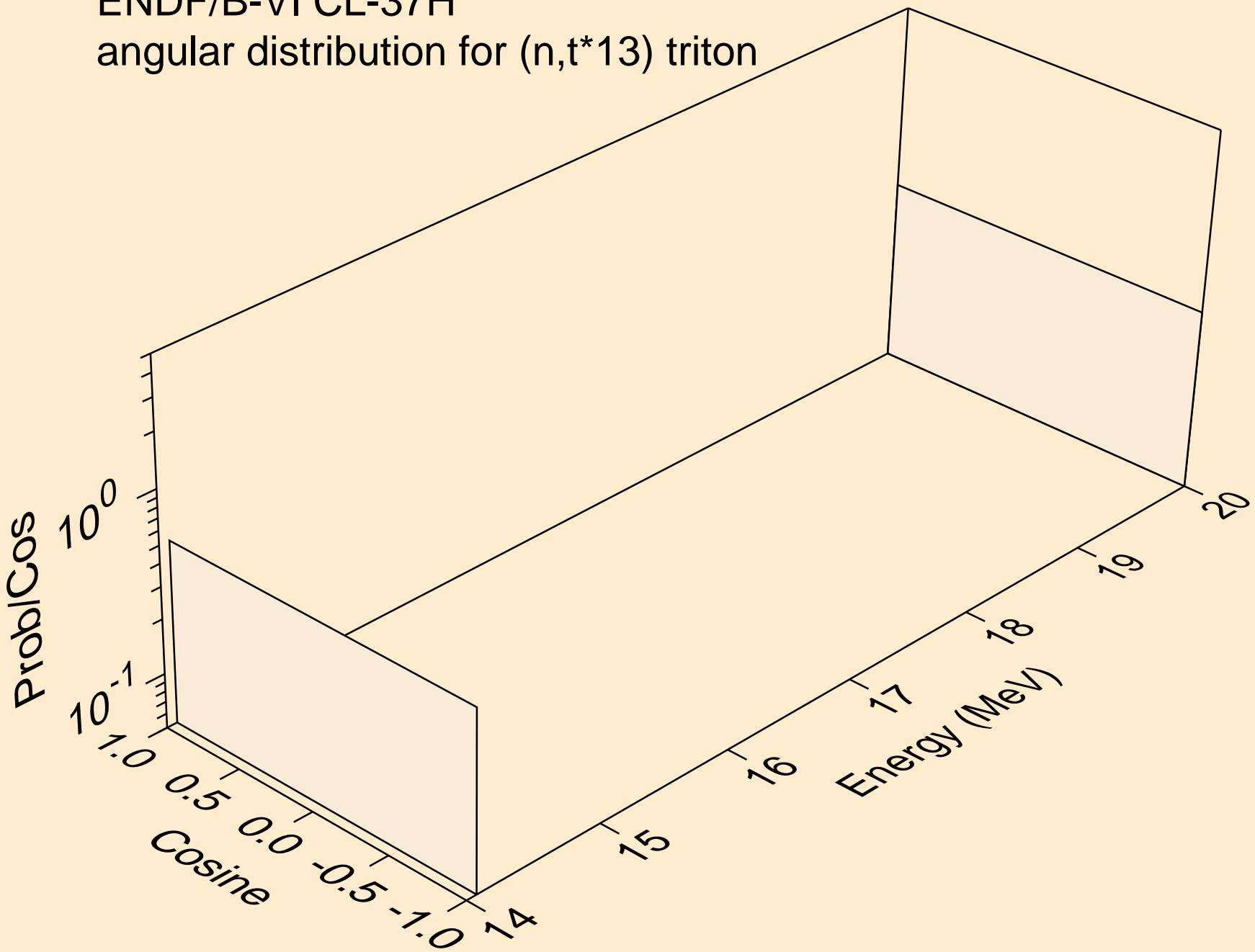
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angular distribution for ( $n,t^*11$ ) triton



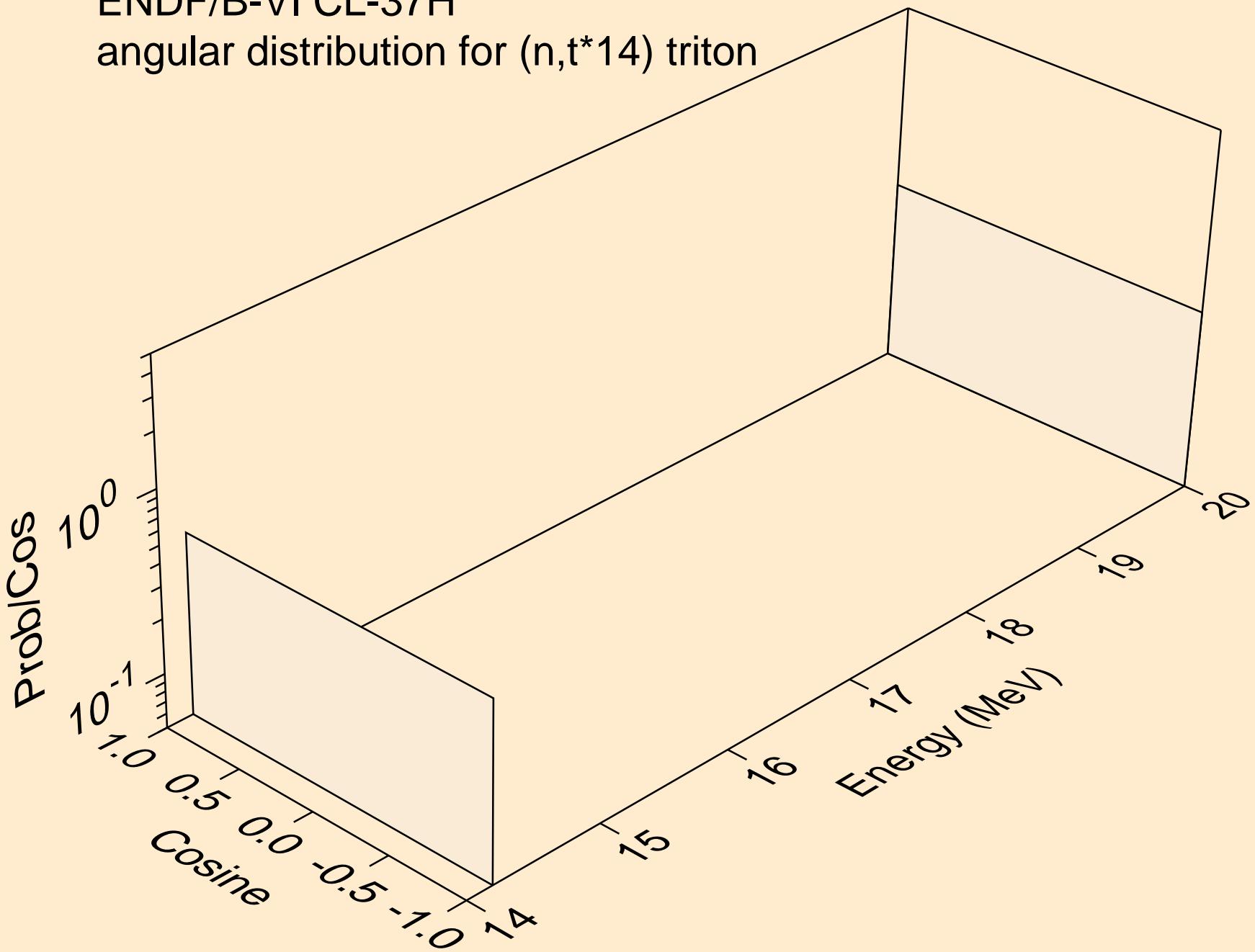
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angular distribution for ( $n, t^*12$ ) triton



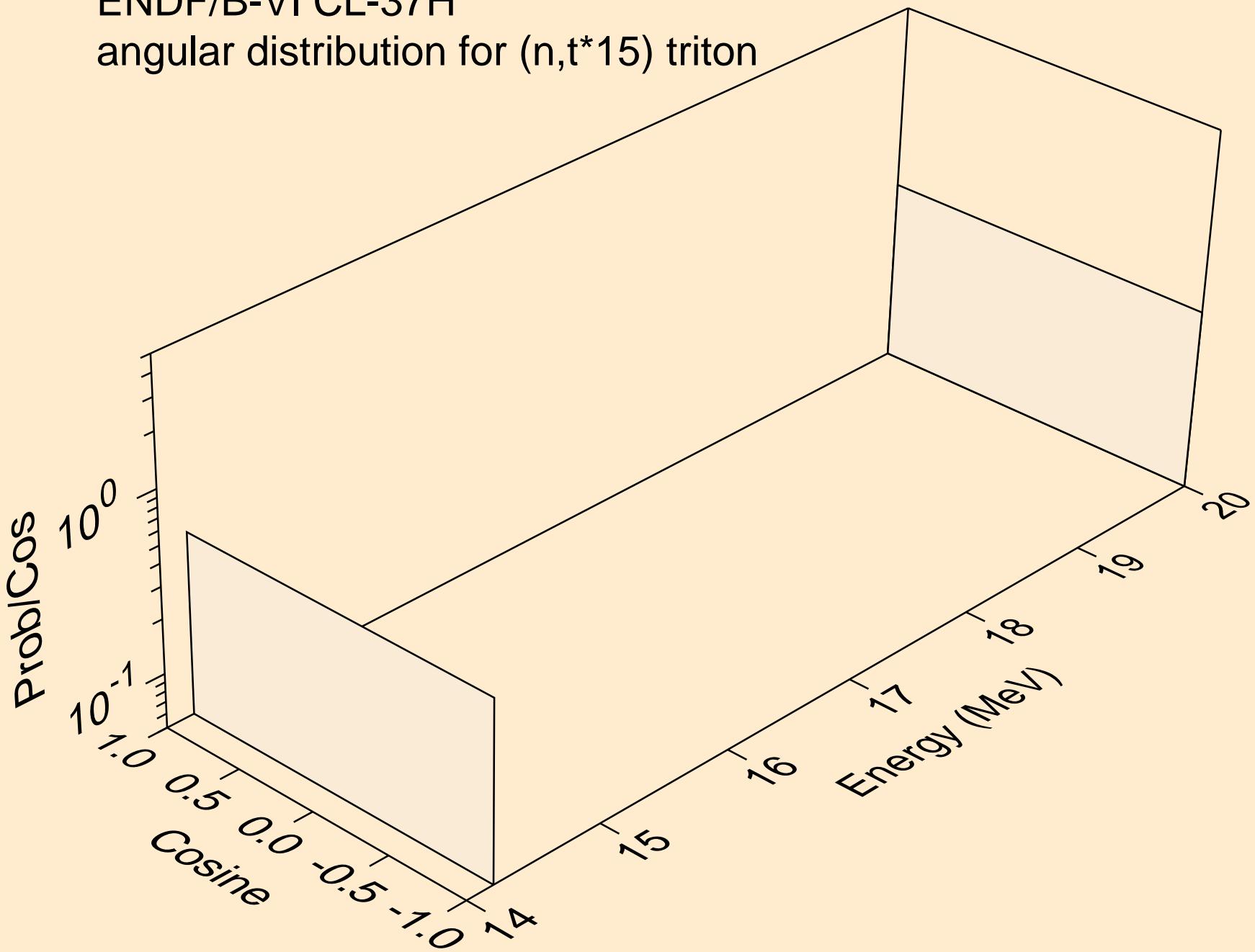
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angular distribution for ( $n,t^*13$ ) triton



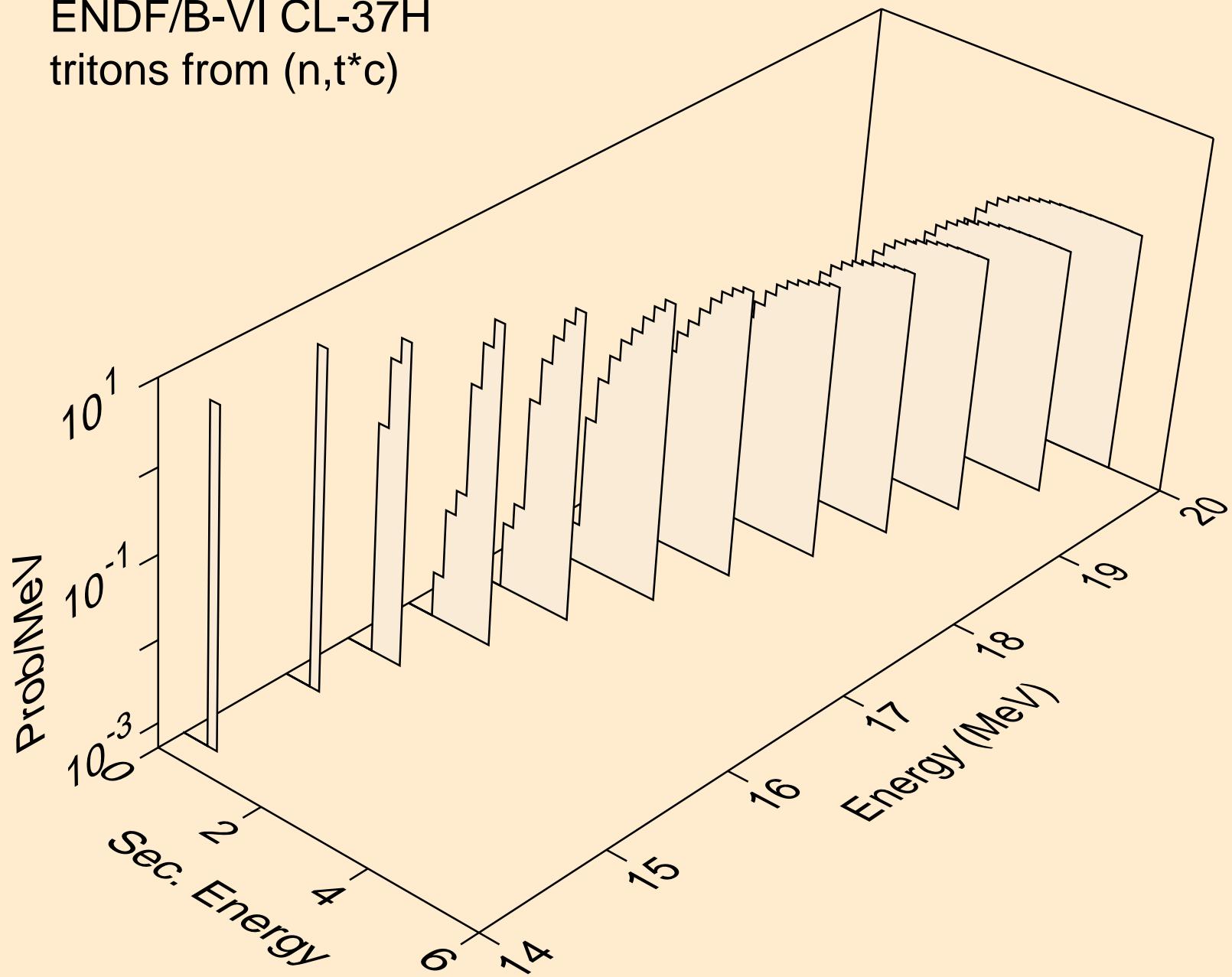
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angular distribution for ( $n,t^*14$ ) triton



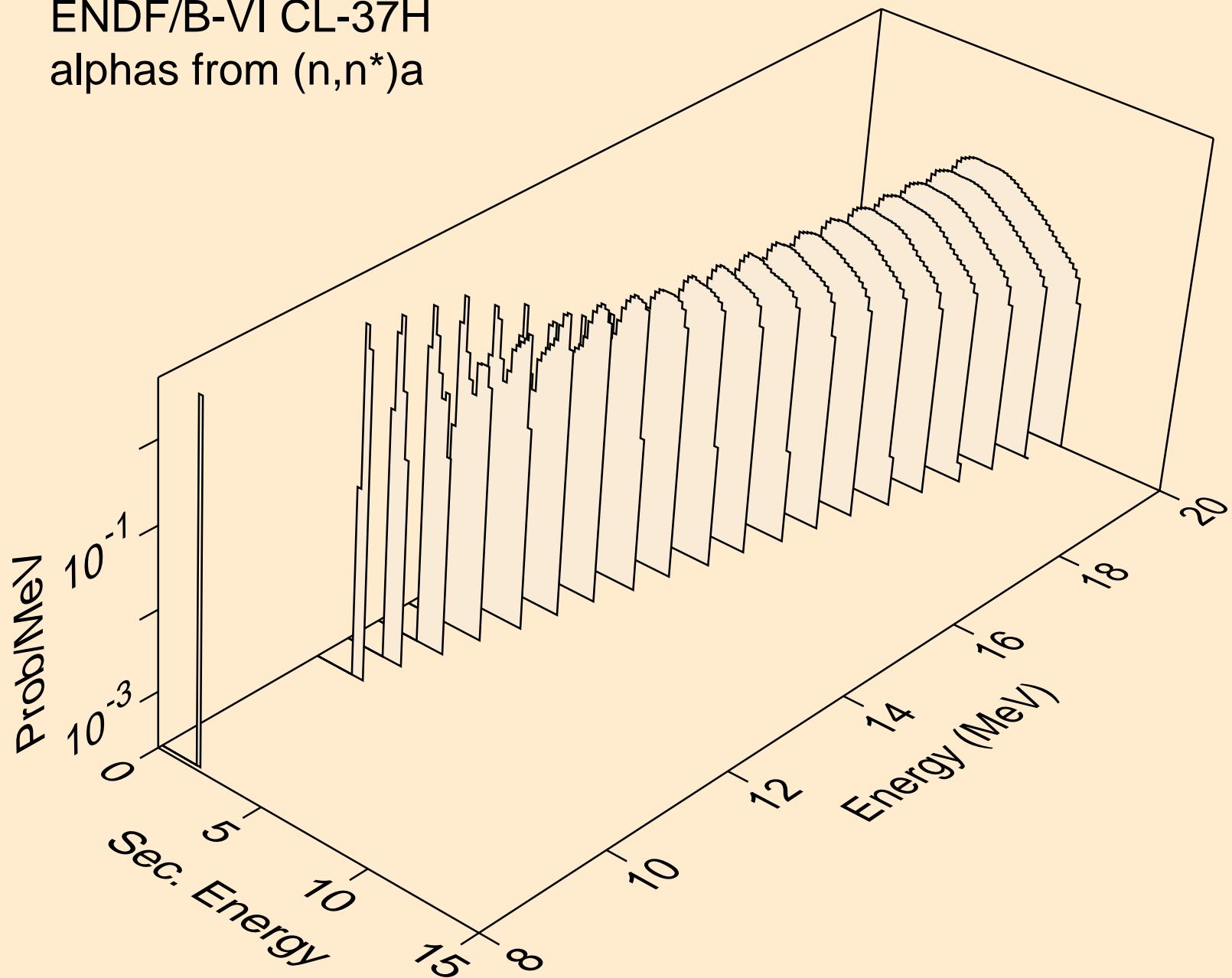
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angular distribution for ( $n,t^*15$ ) triton



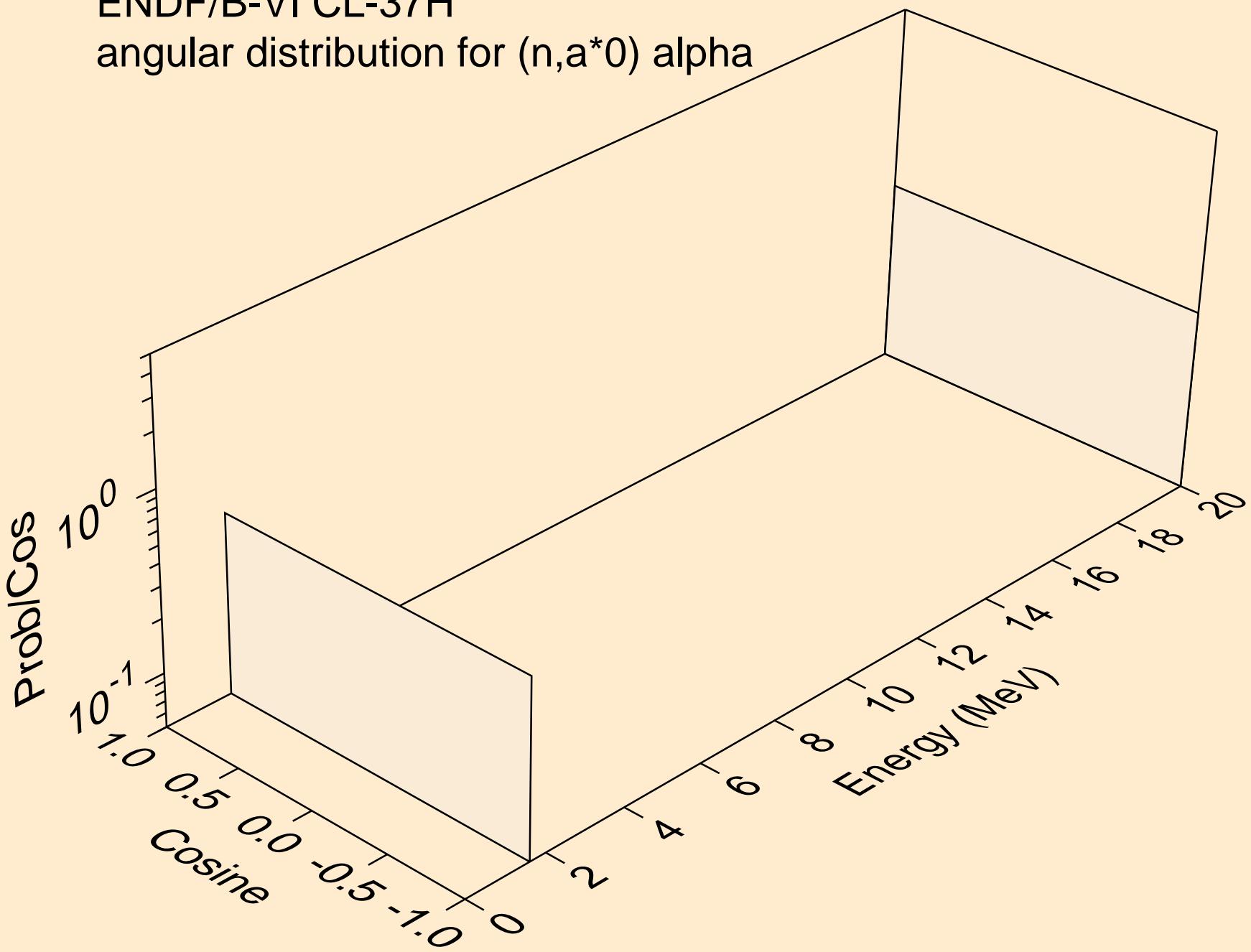
ENDF/B-VI CL-37H  
tritons from  $(n, t^*c)$



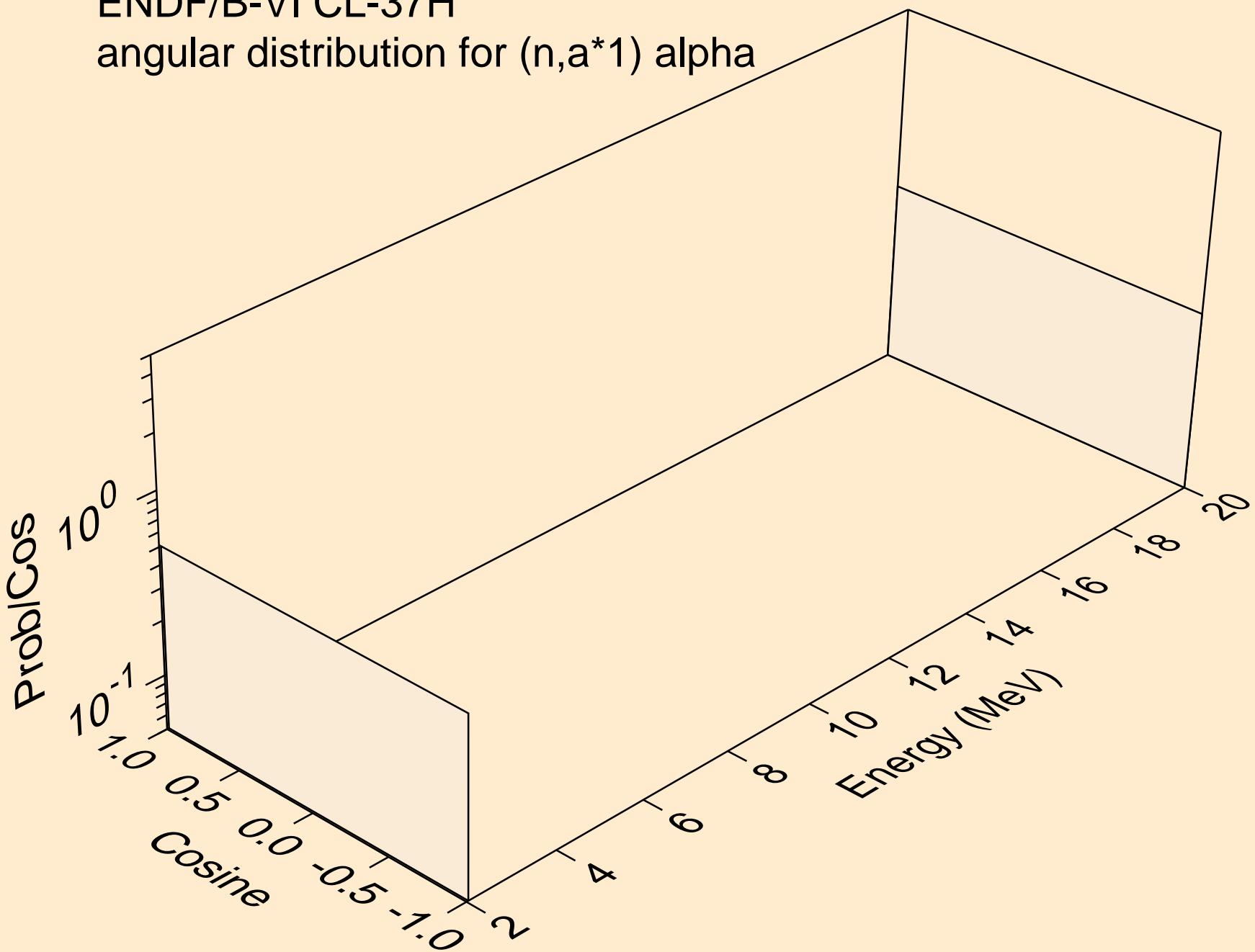
ENDF/B-VI CL-37H  
alphas from  $(n,n^*)a$



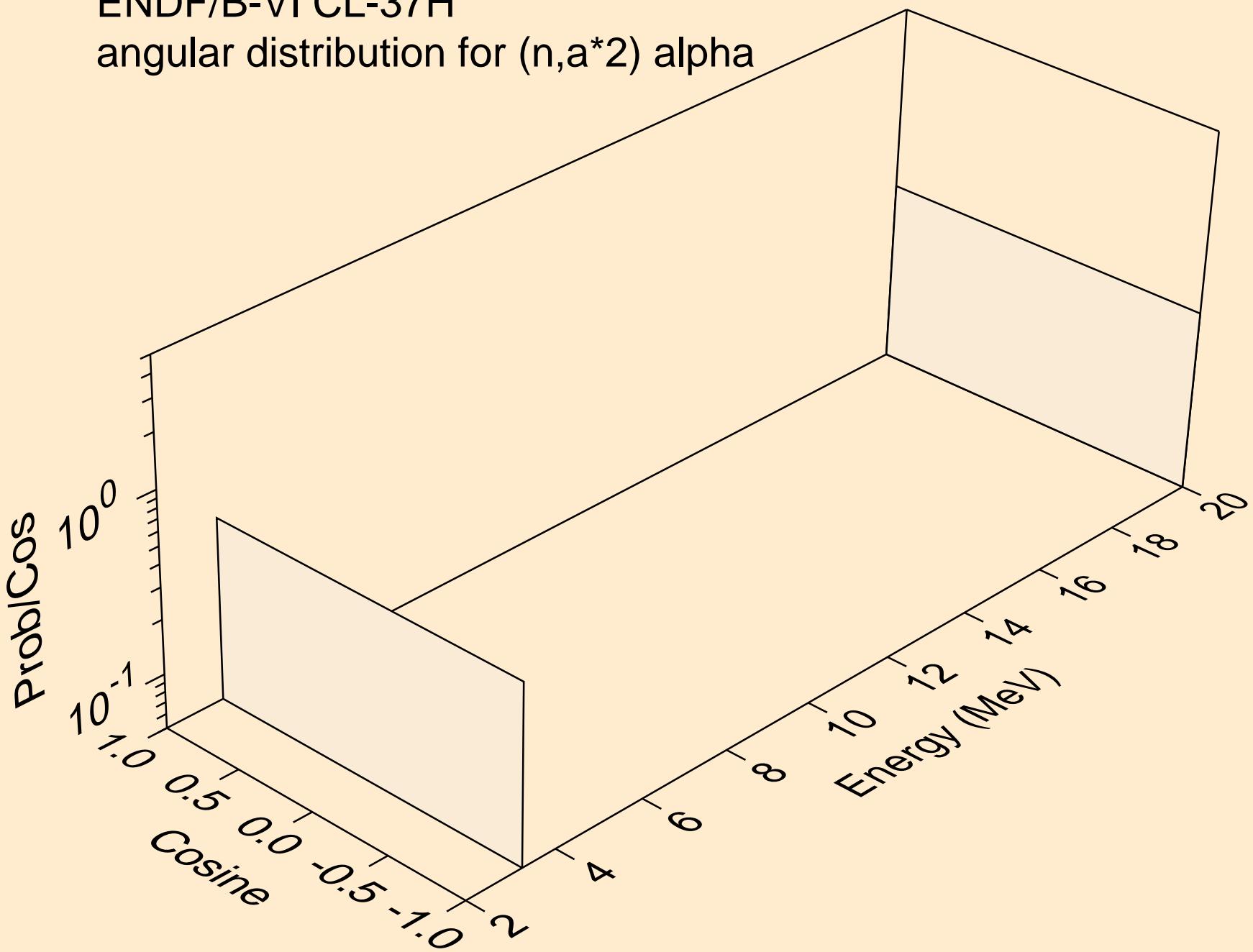
ENDF/B-VI CL-37H  
angular distribution for (n,a\*0) alpha



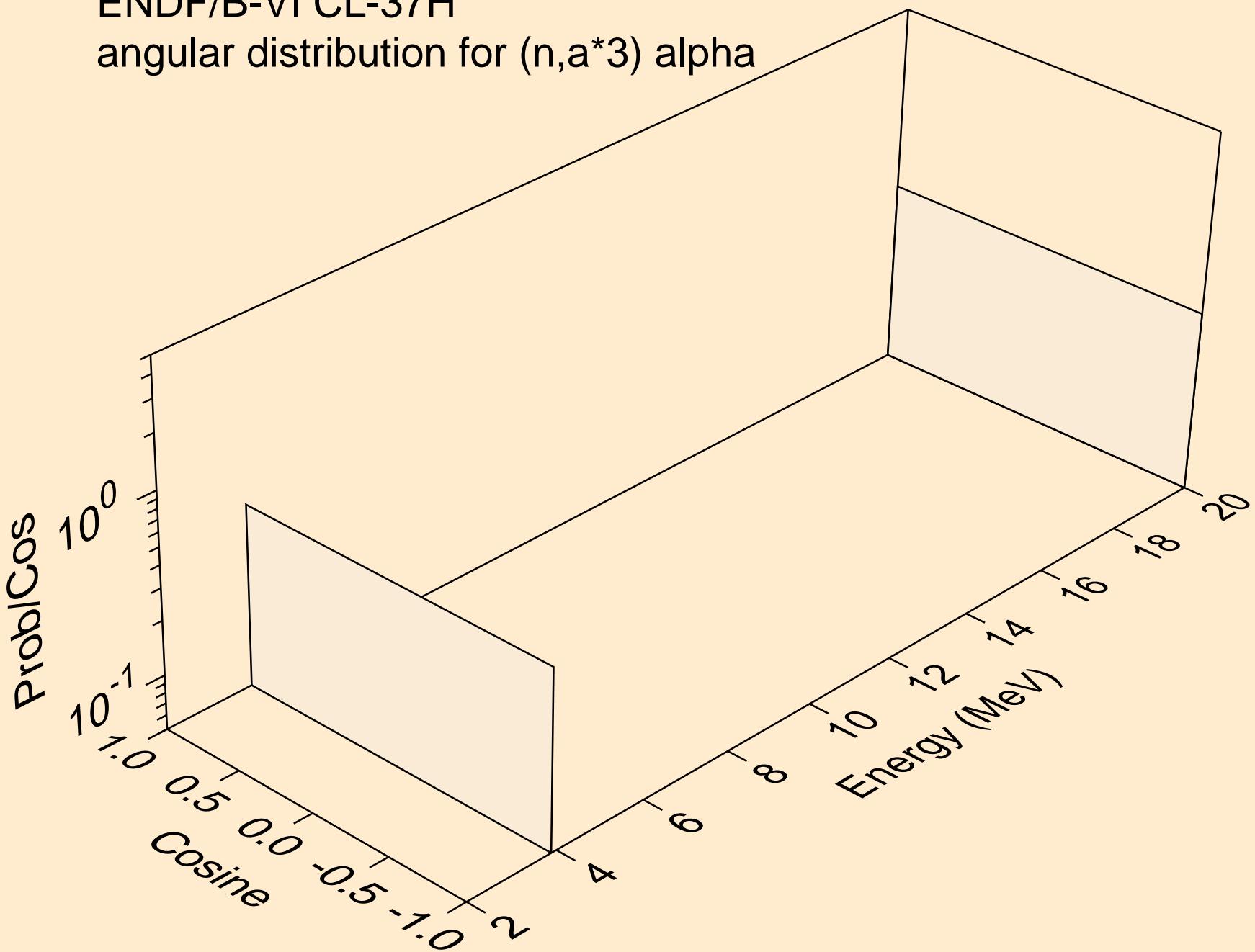
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angular distribution for (n,a\*1) alpha



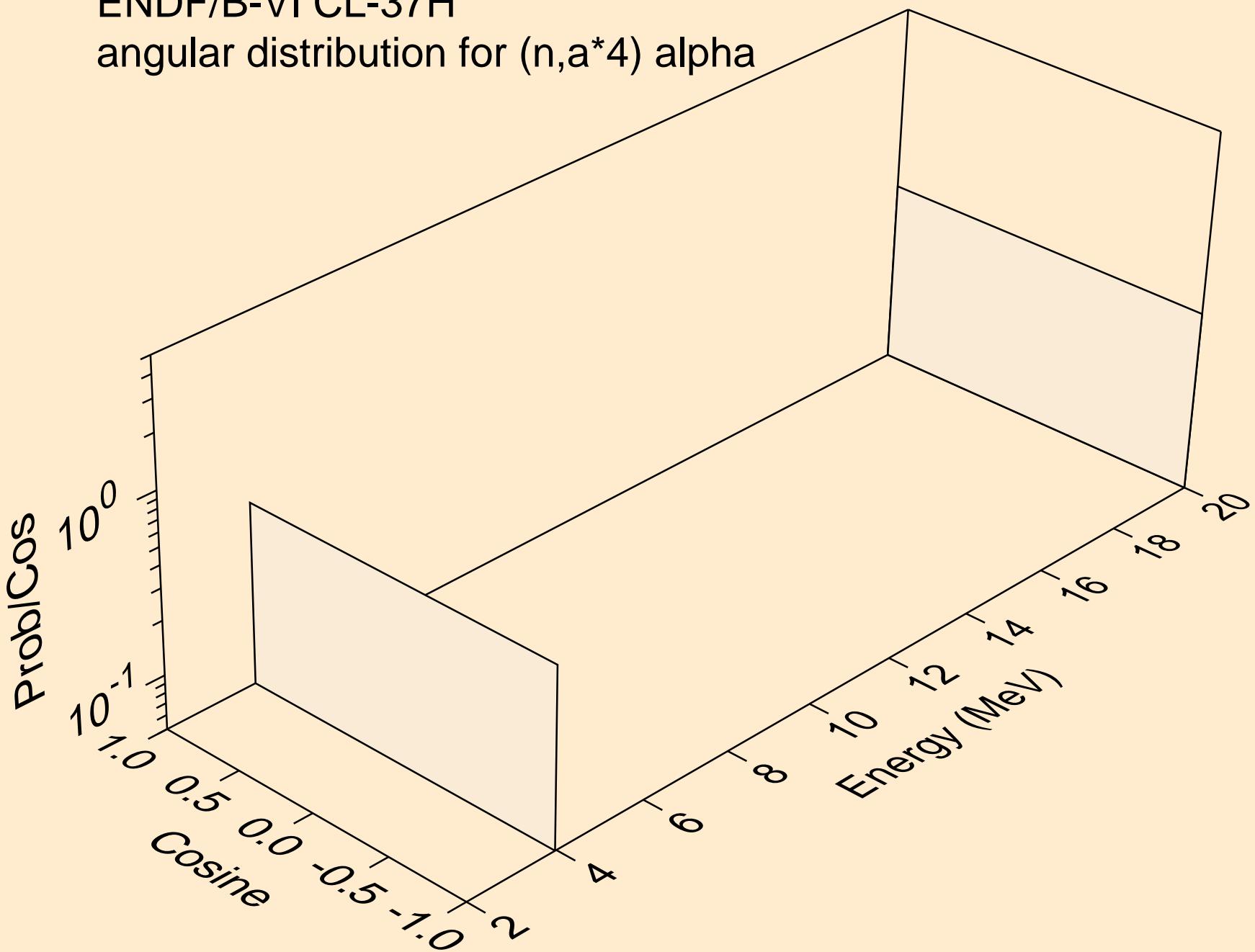
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angular distribution for (n,a\*2) alpha



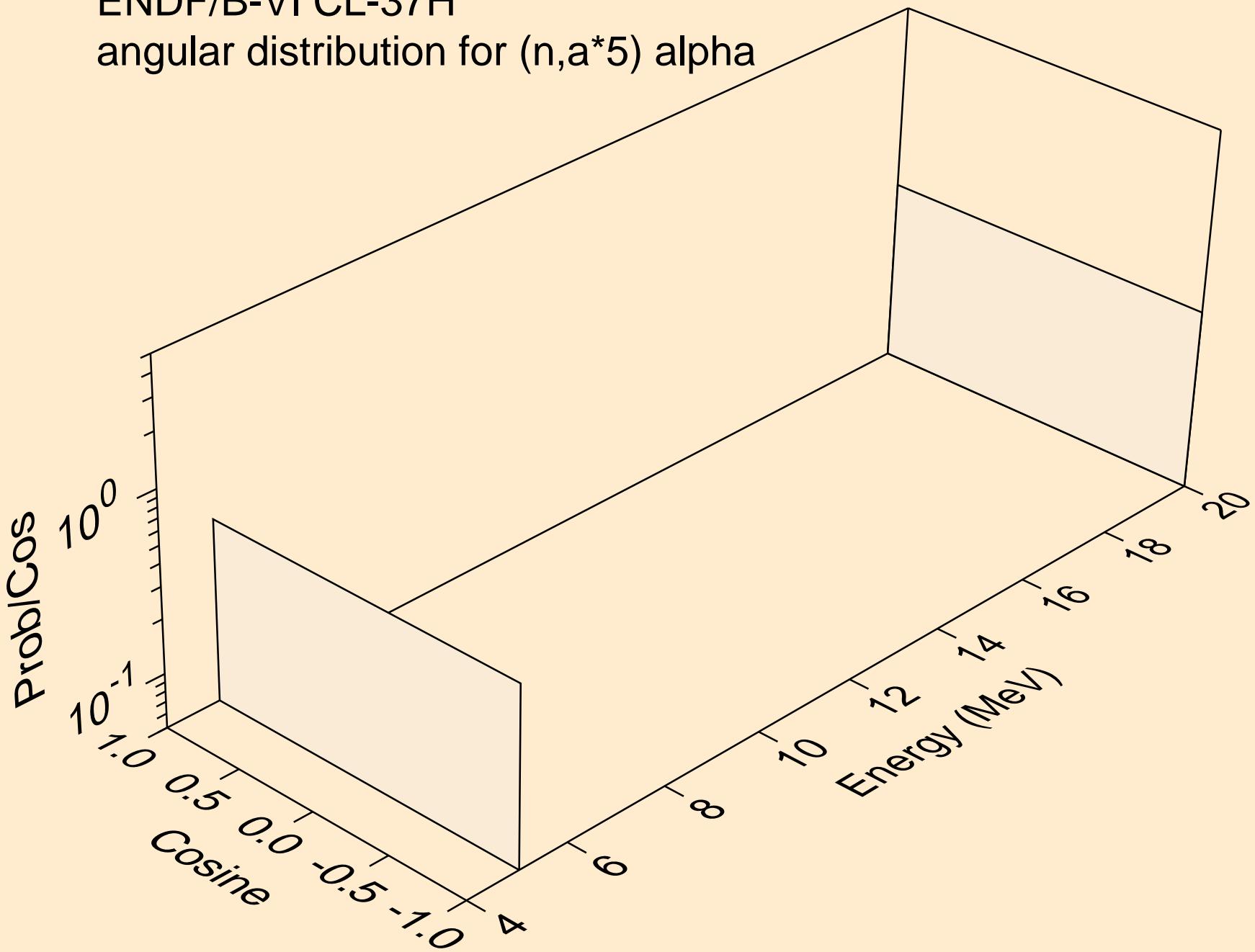
ENDF/B-VI CL-37H  
angular distribution for (n,a\*3) alpha



ENDF/B-VI CL-37H  
angular distribution for (n,a\*4) alpha



ENDF/B-VI CL-37H  
angular distribution for (n,a\*5) alpha



ENDF/B-VI CL-37H  
alphas from  $(n, a^* c)$

