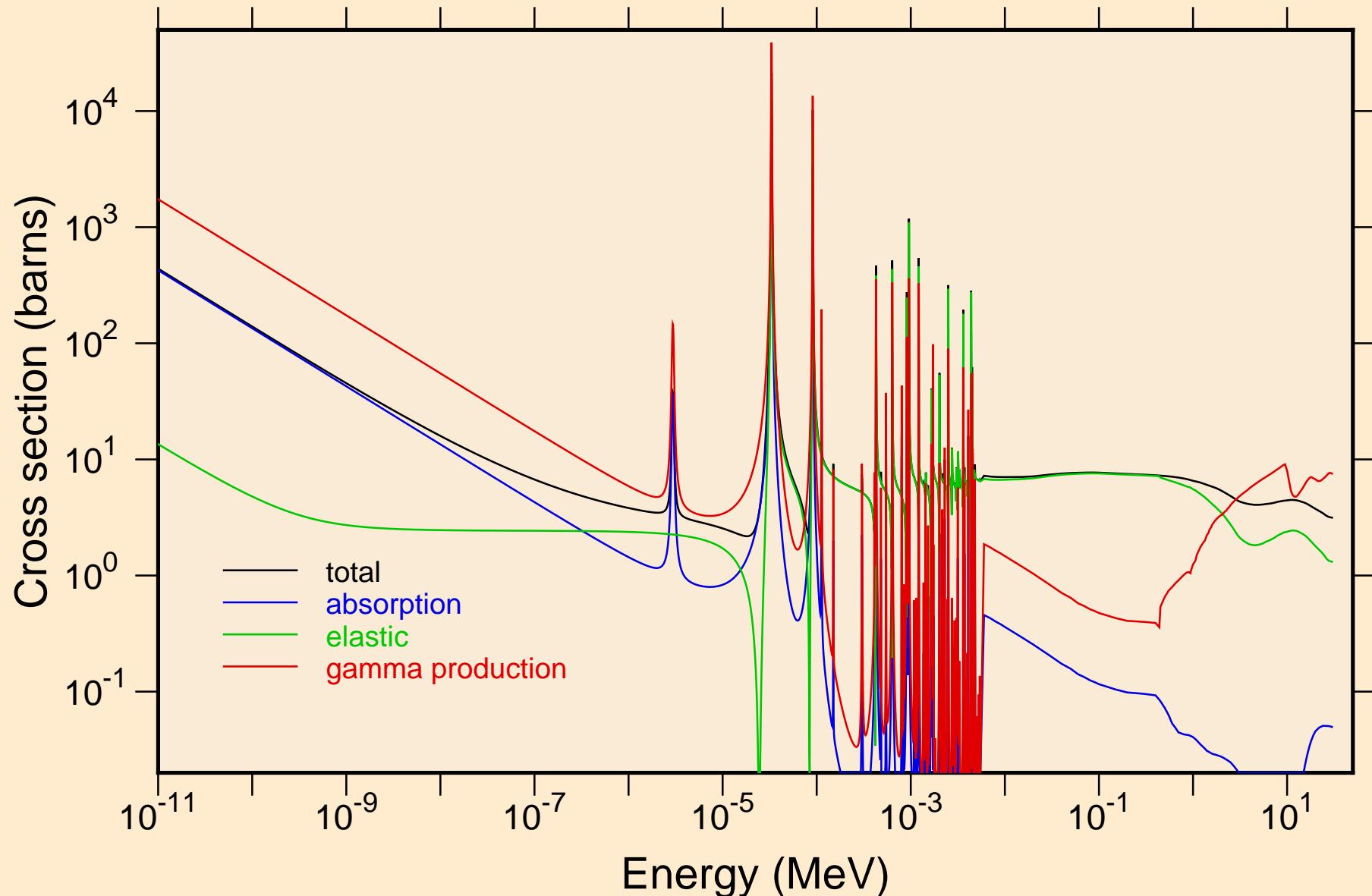
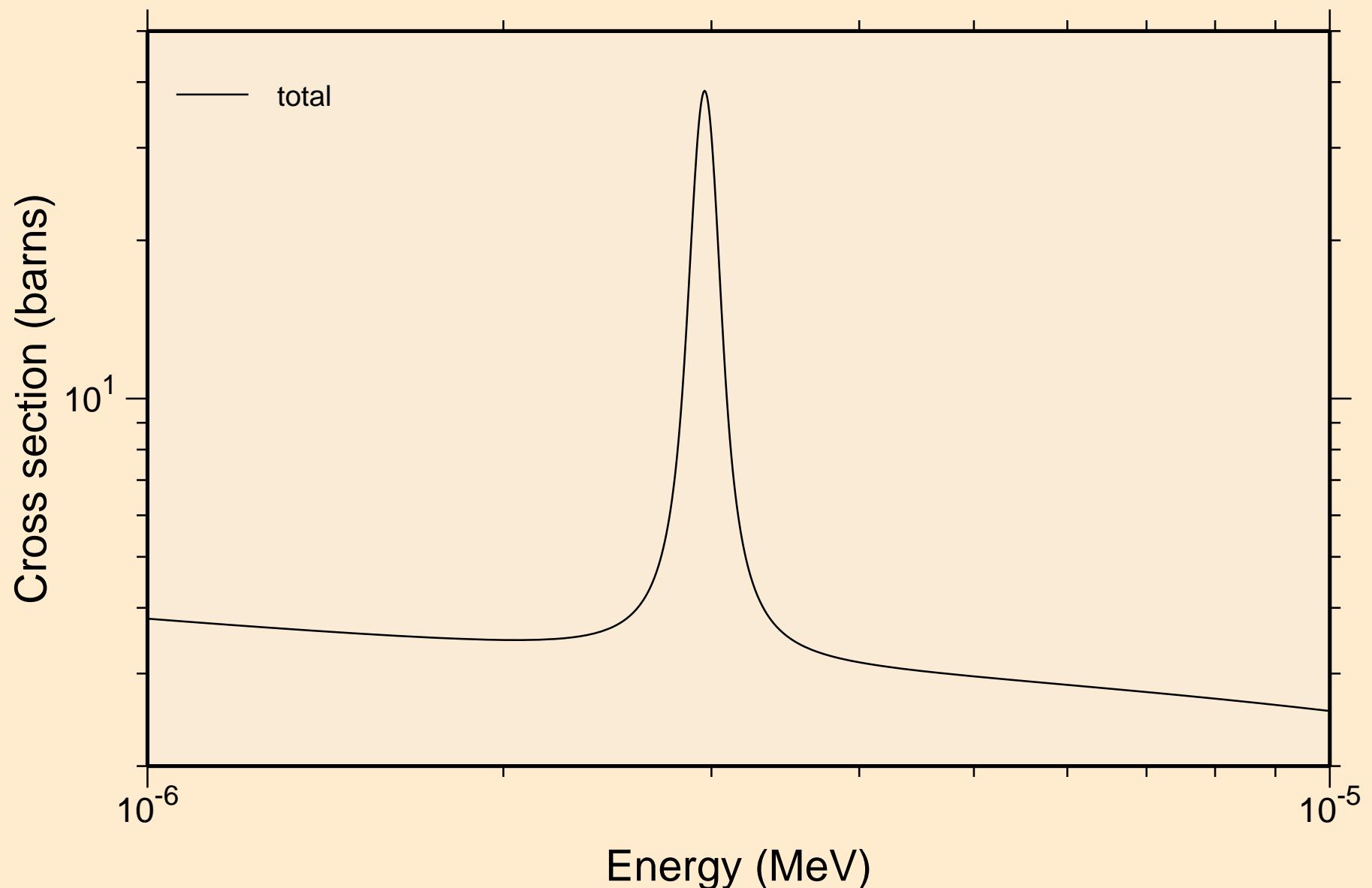


# ENDF/B-VII.1 PD-108

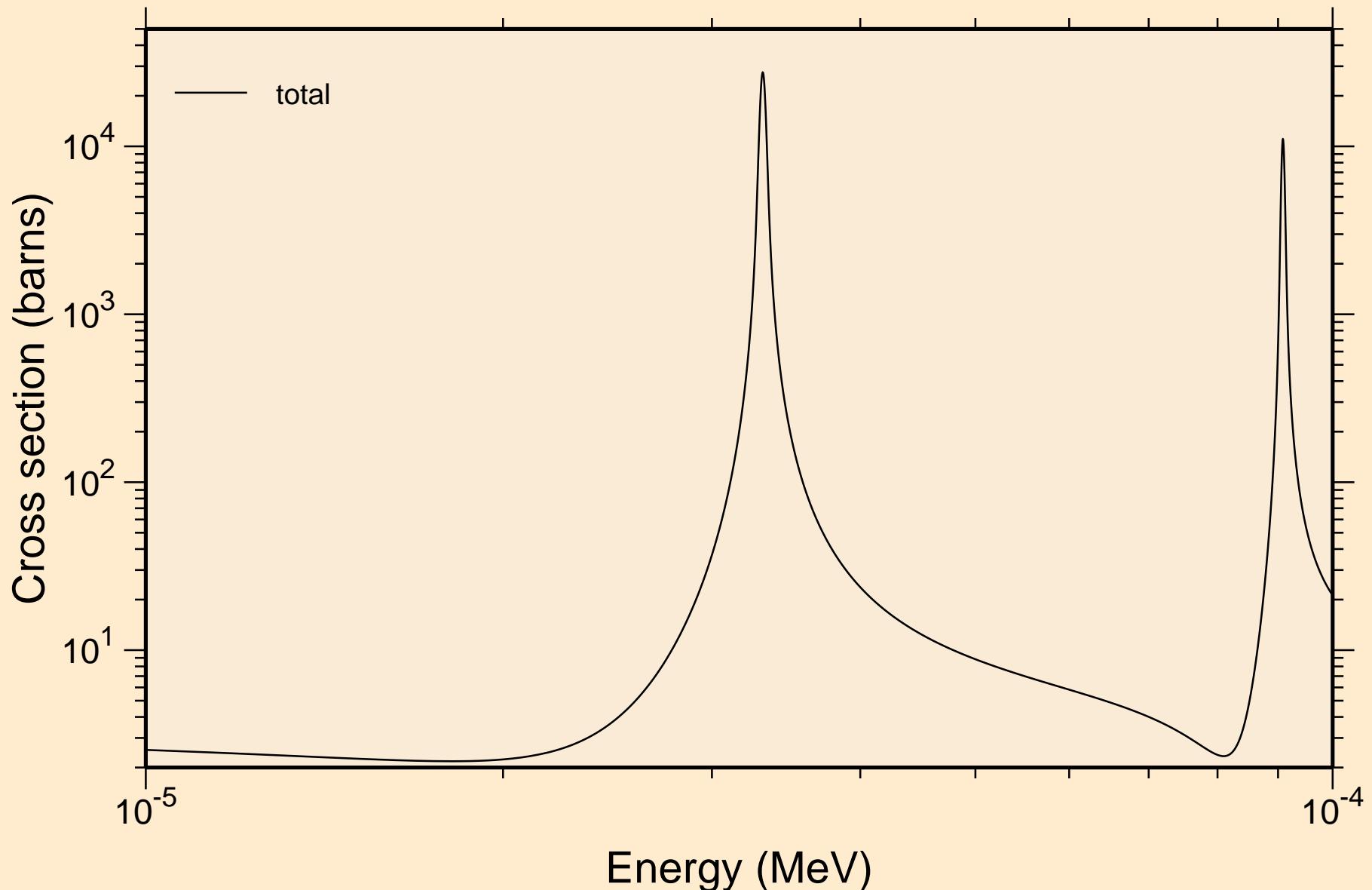
## Principal cross sections



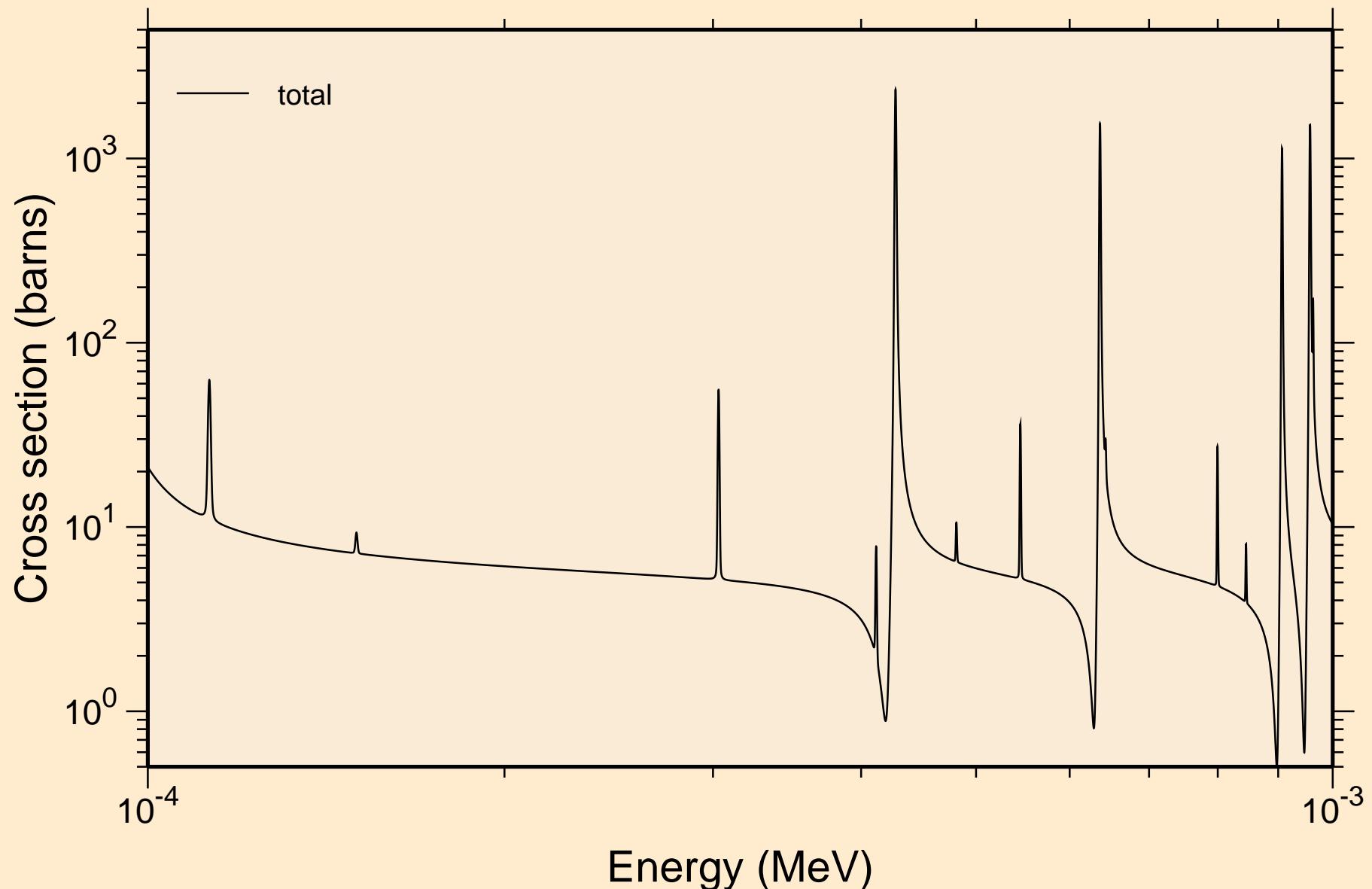
ENDF/B-VII.1 PD-108  
resonance total cross section



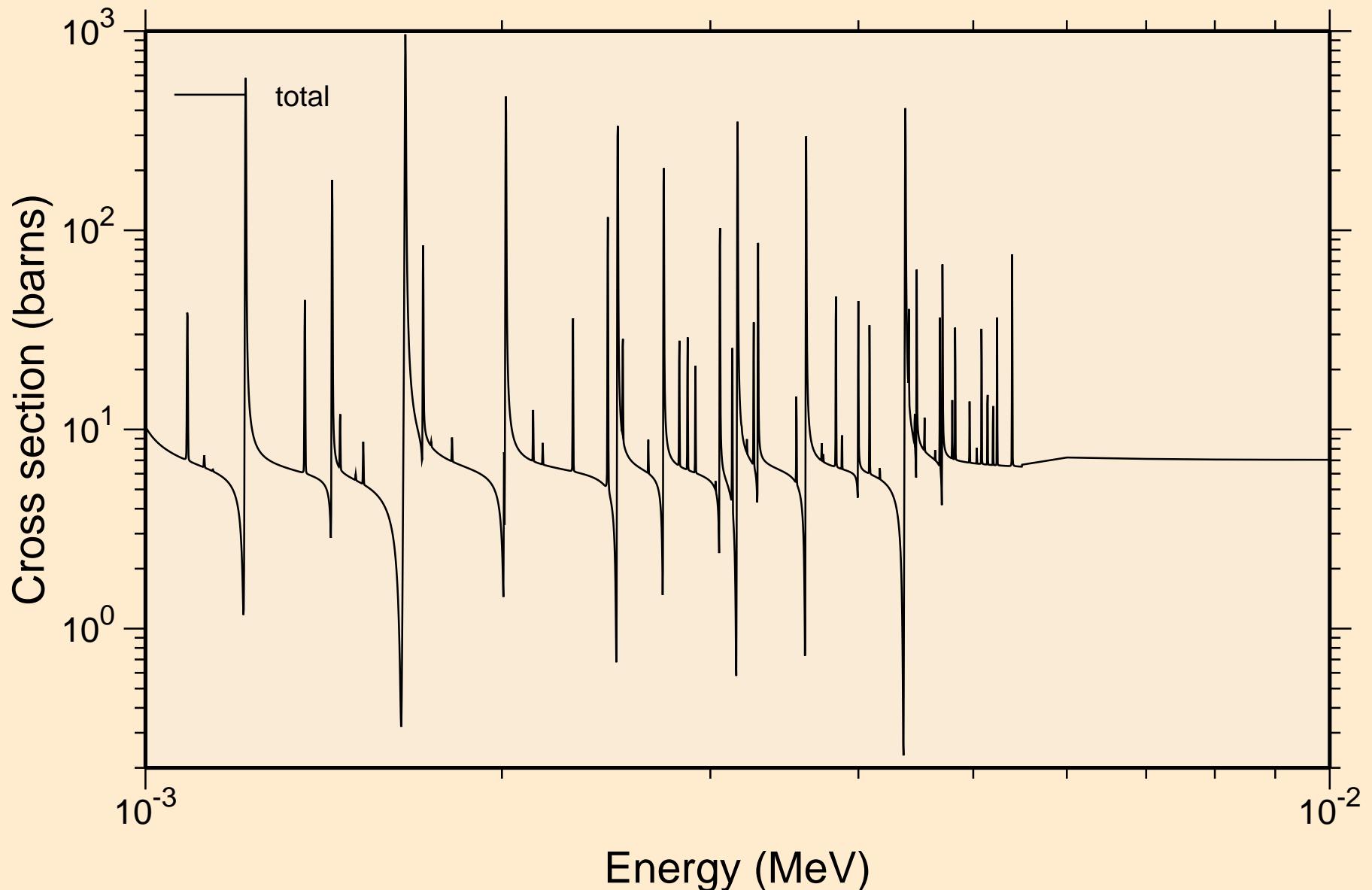
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resonance total cross section



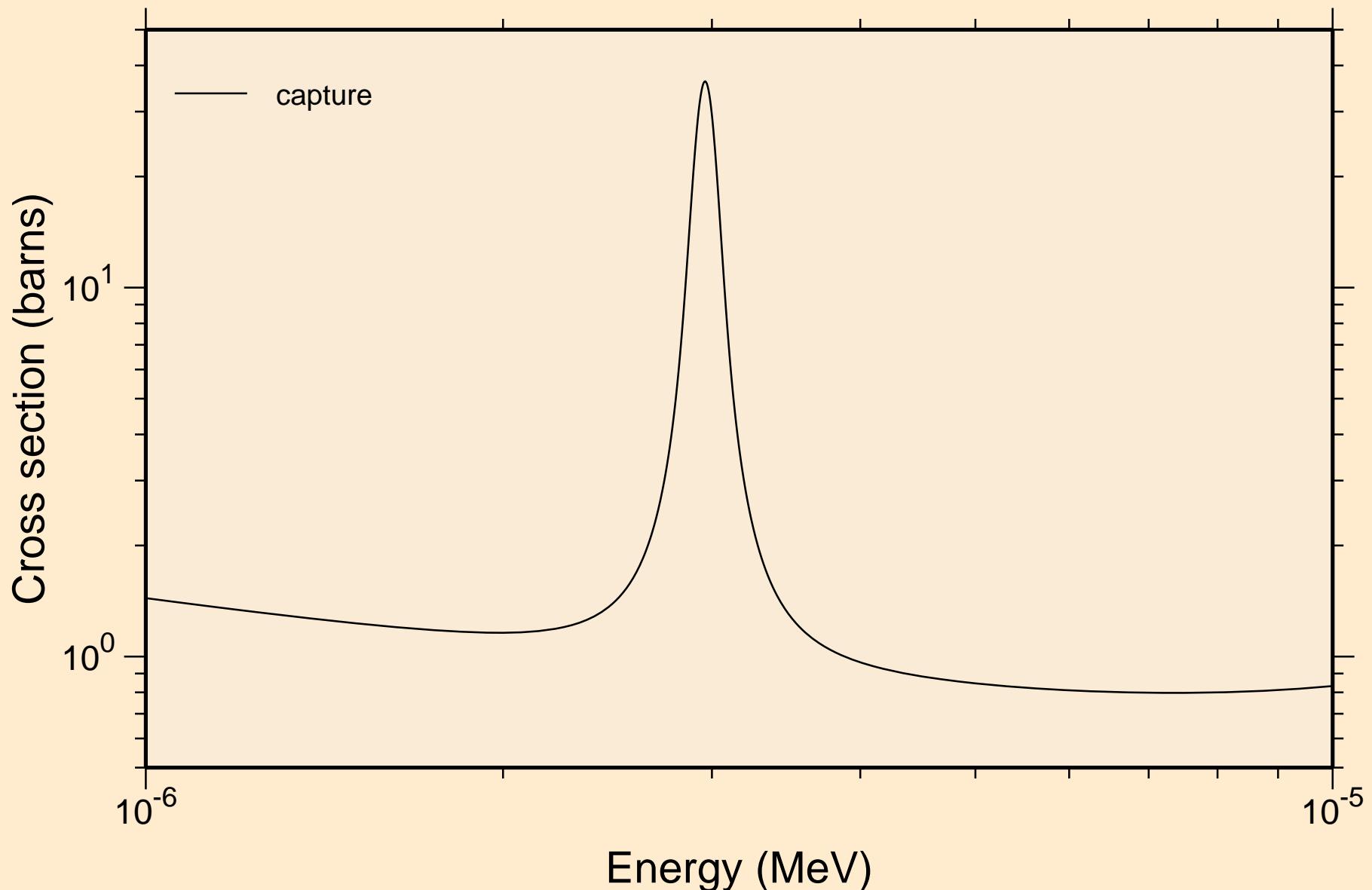
ENDF/B-VII.1 PD-108  
resonance total cross section



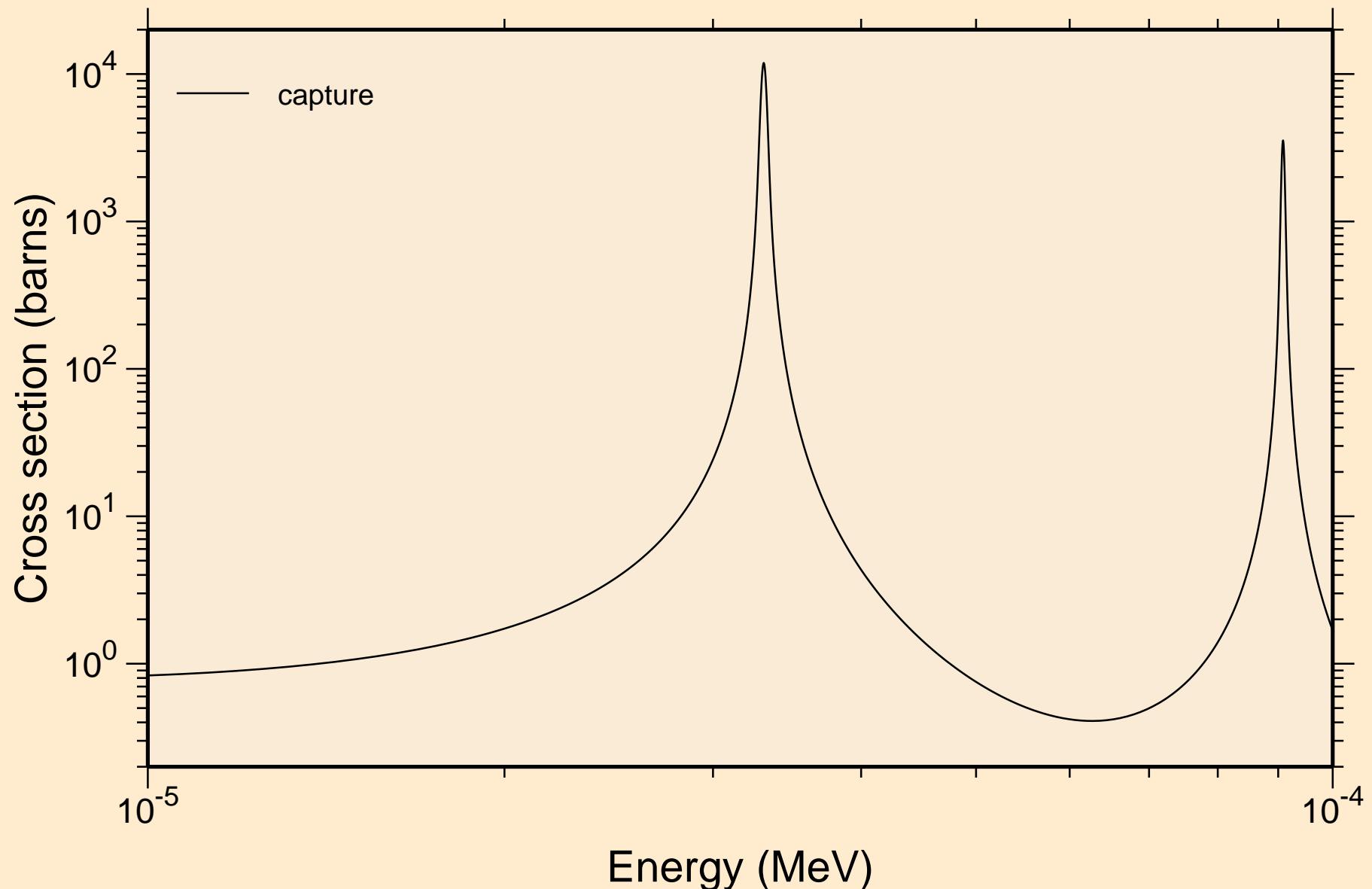
ENDF/B-VII.1 PD-108  
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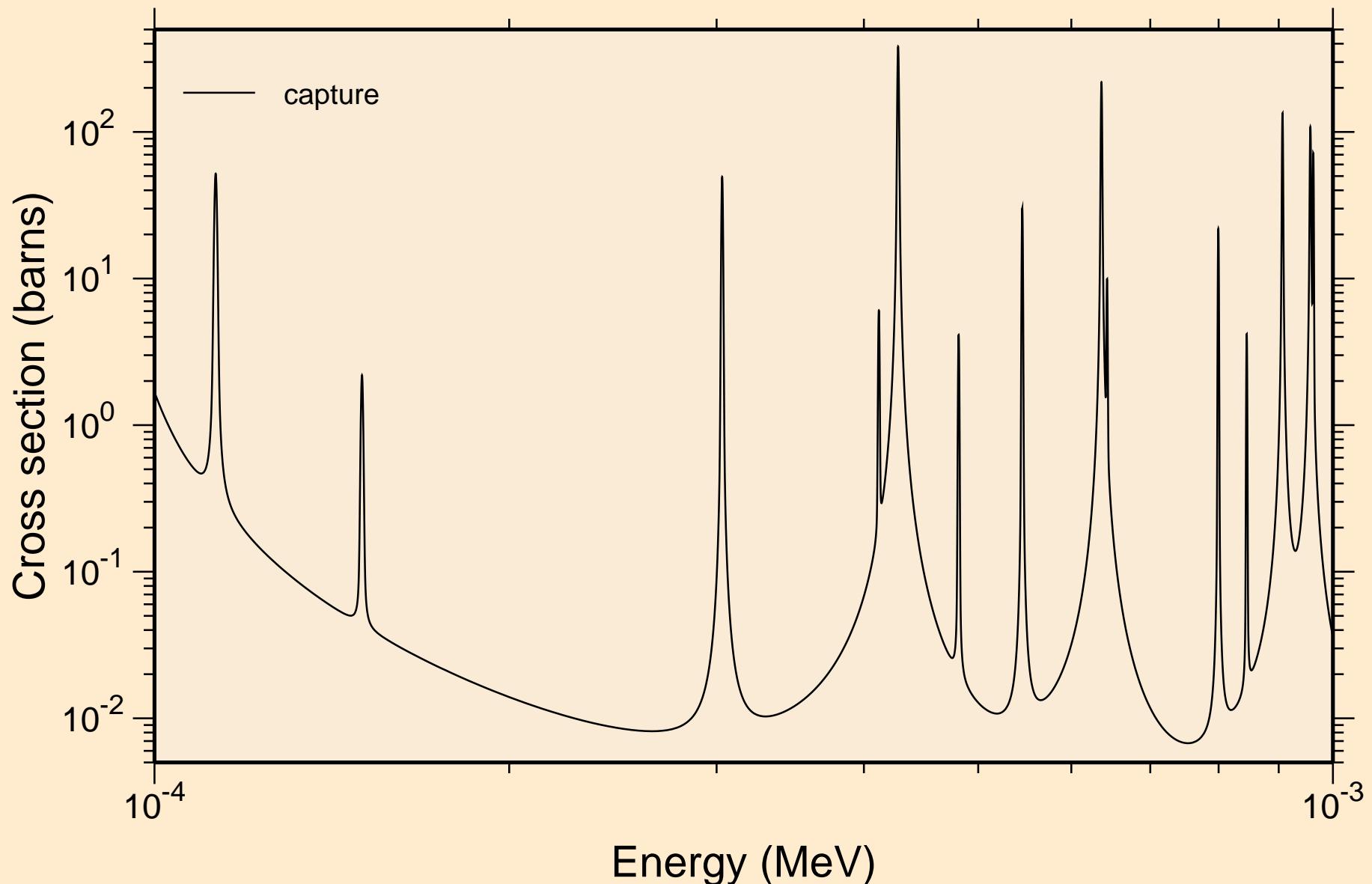
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resonance absorption cross sections



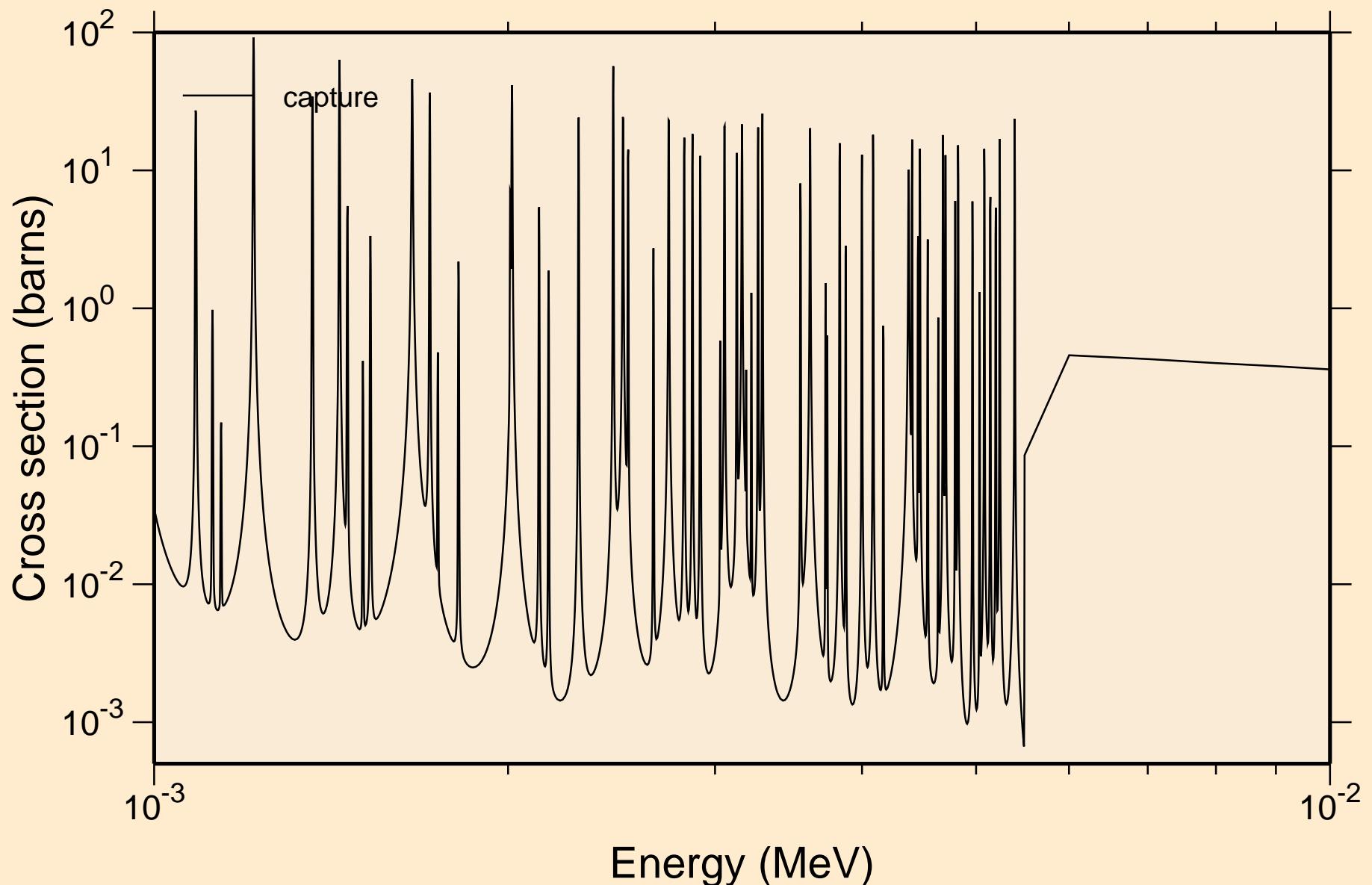
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resonance absorption cross sections



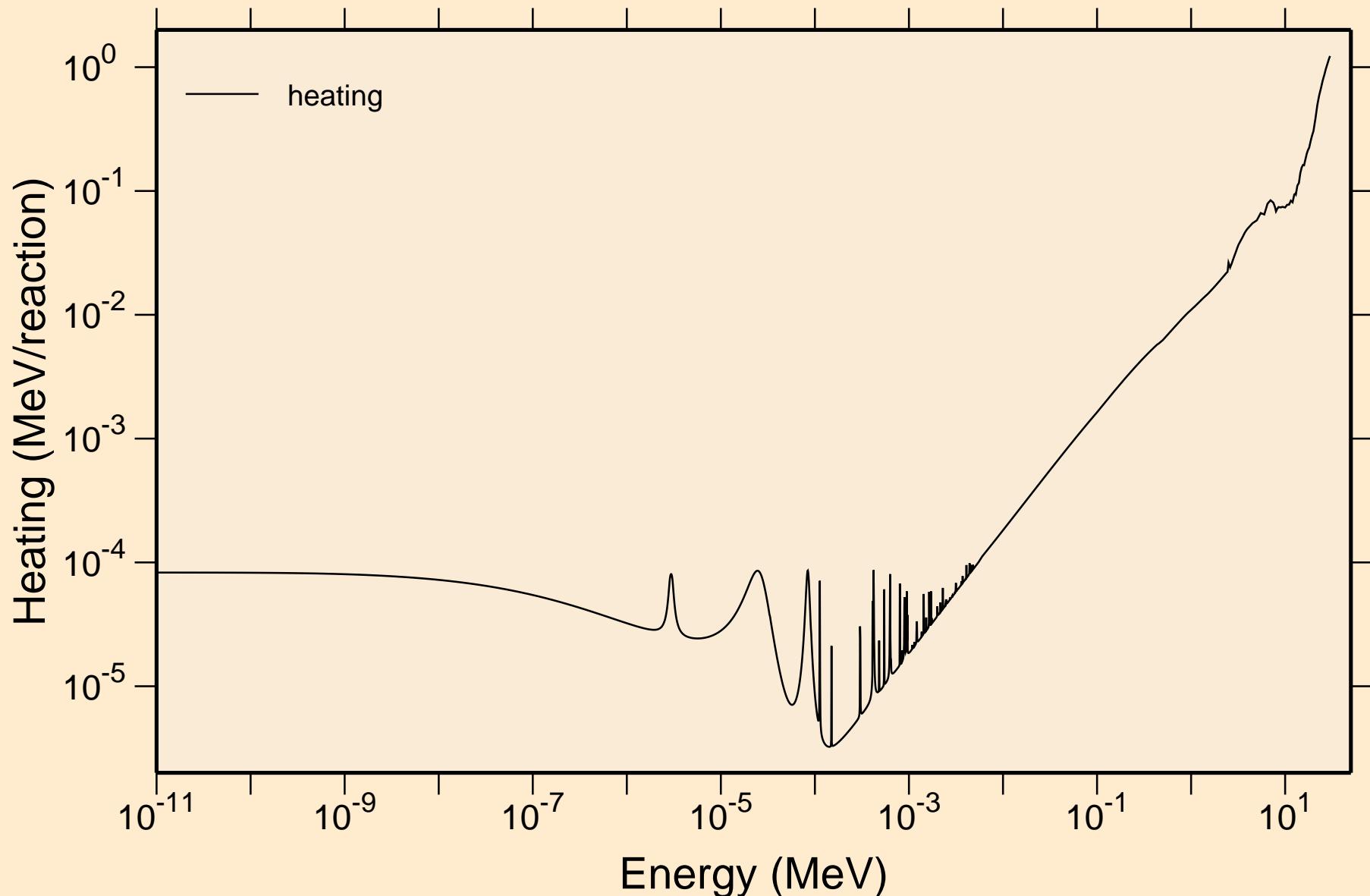
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resonance absorption cross sections



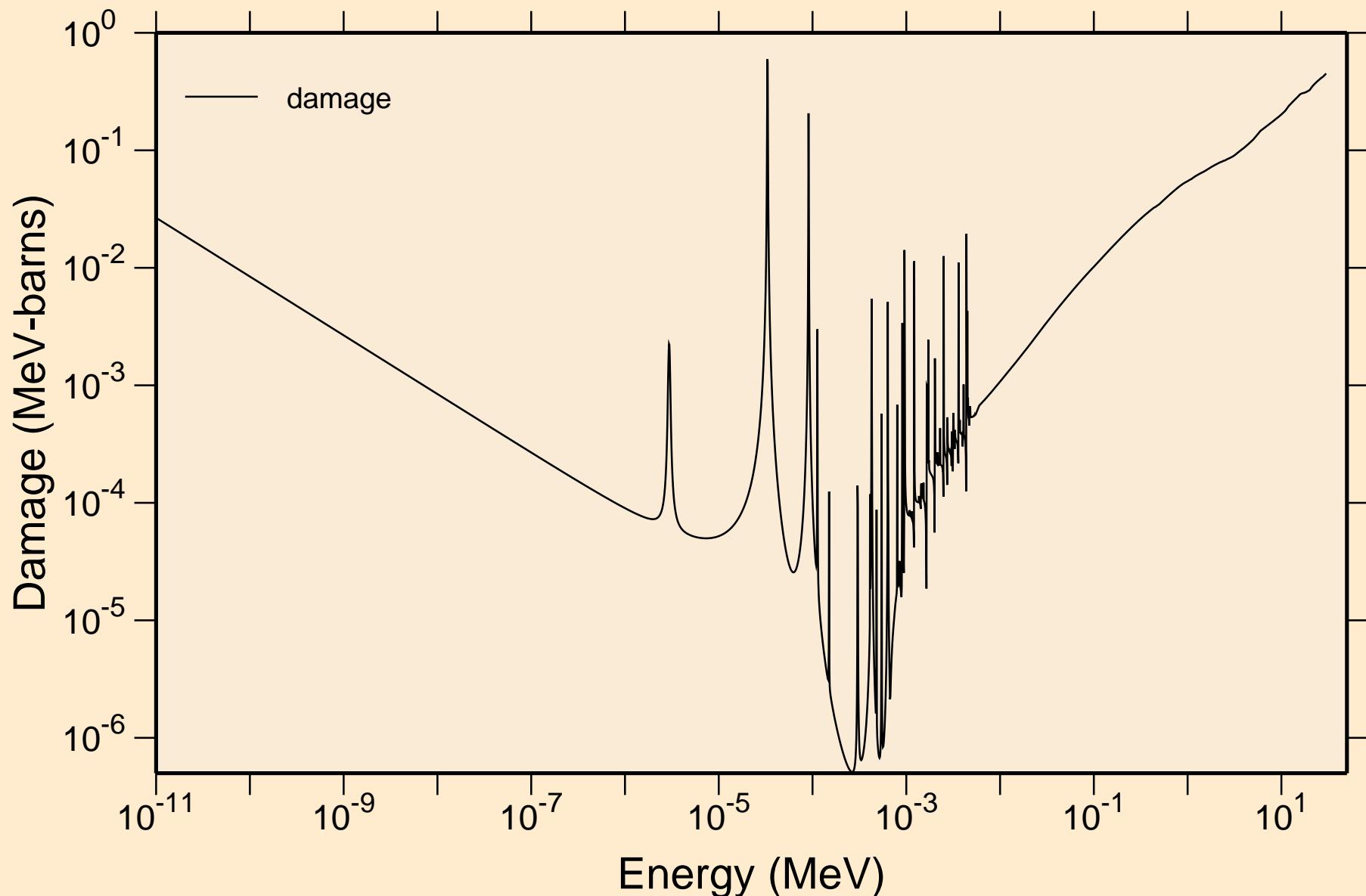
ENDF/B-VII.1 PD-108  
resonance absorption cross sections



ENDF/B-VII.1 PD-108  
Heating

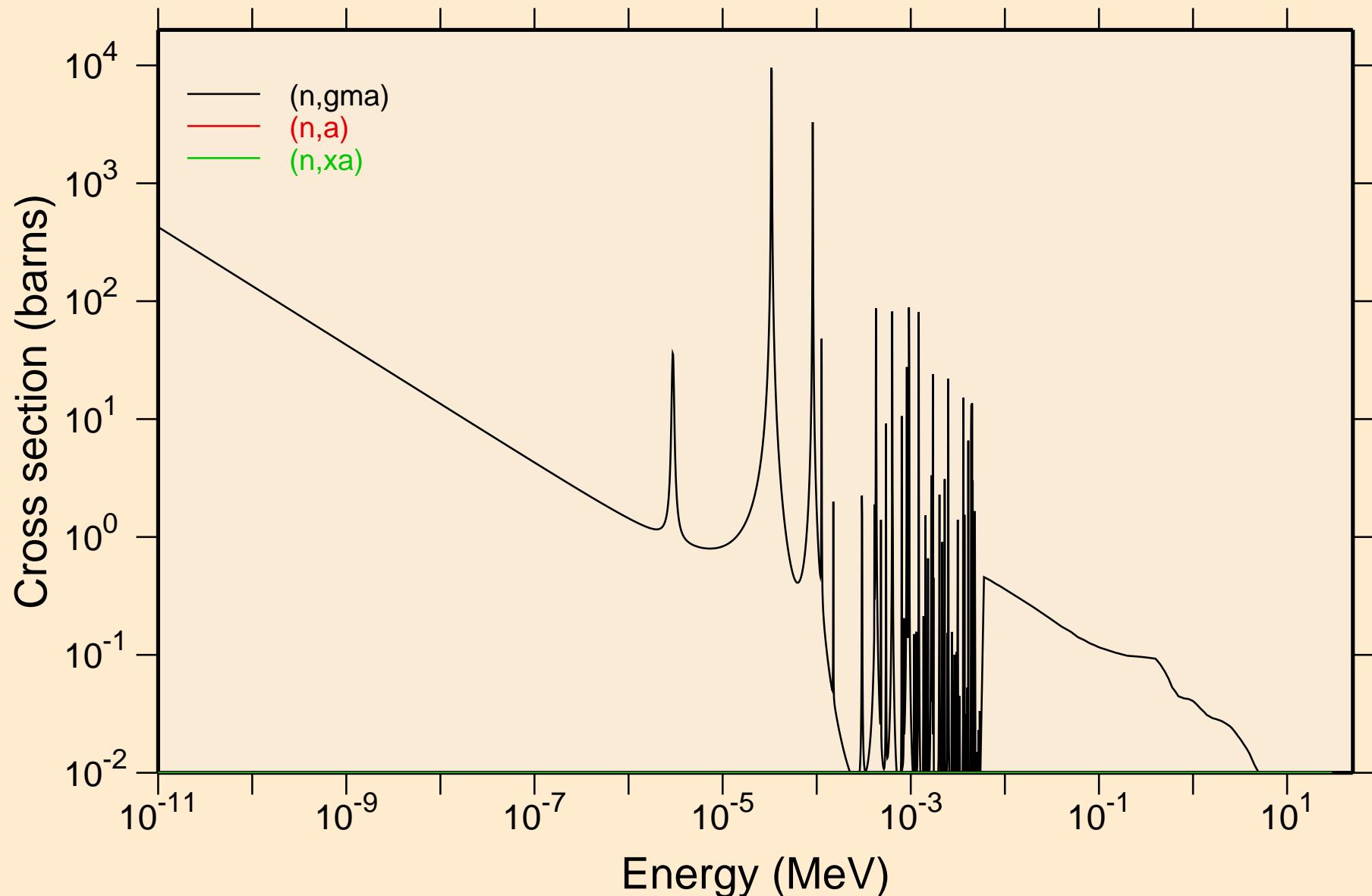


ENDF/B-VII.1 PD-108  
Damage



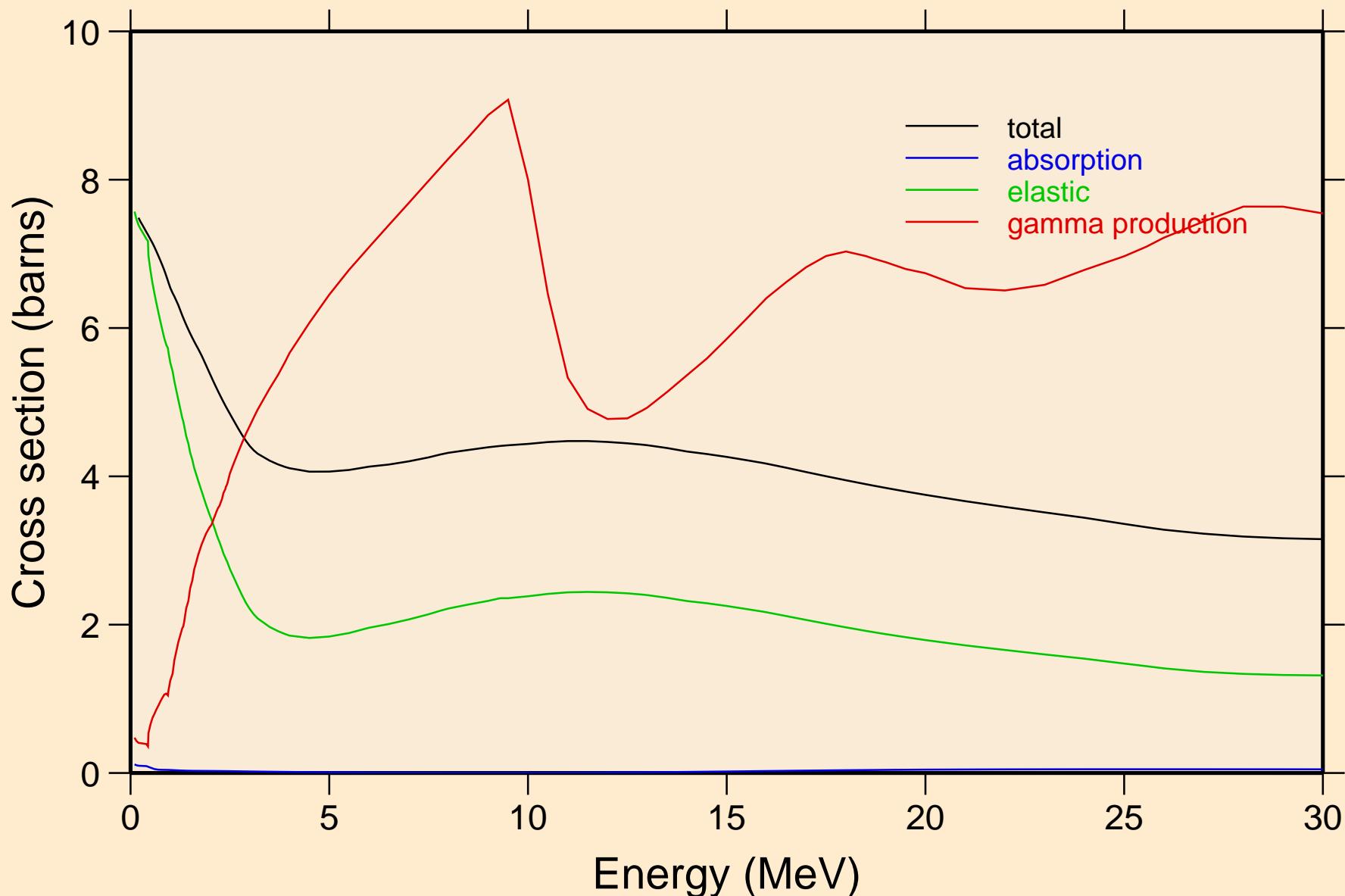
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## Non-threshold reactions

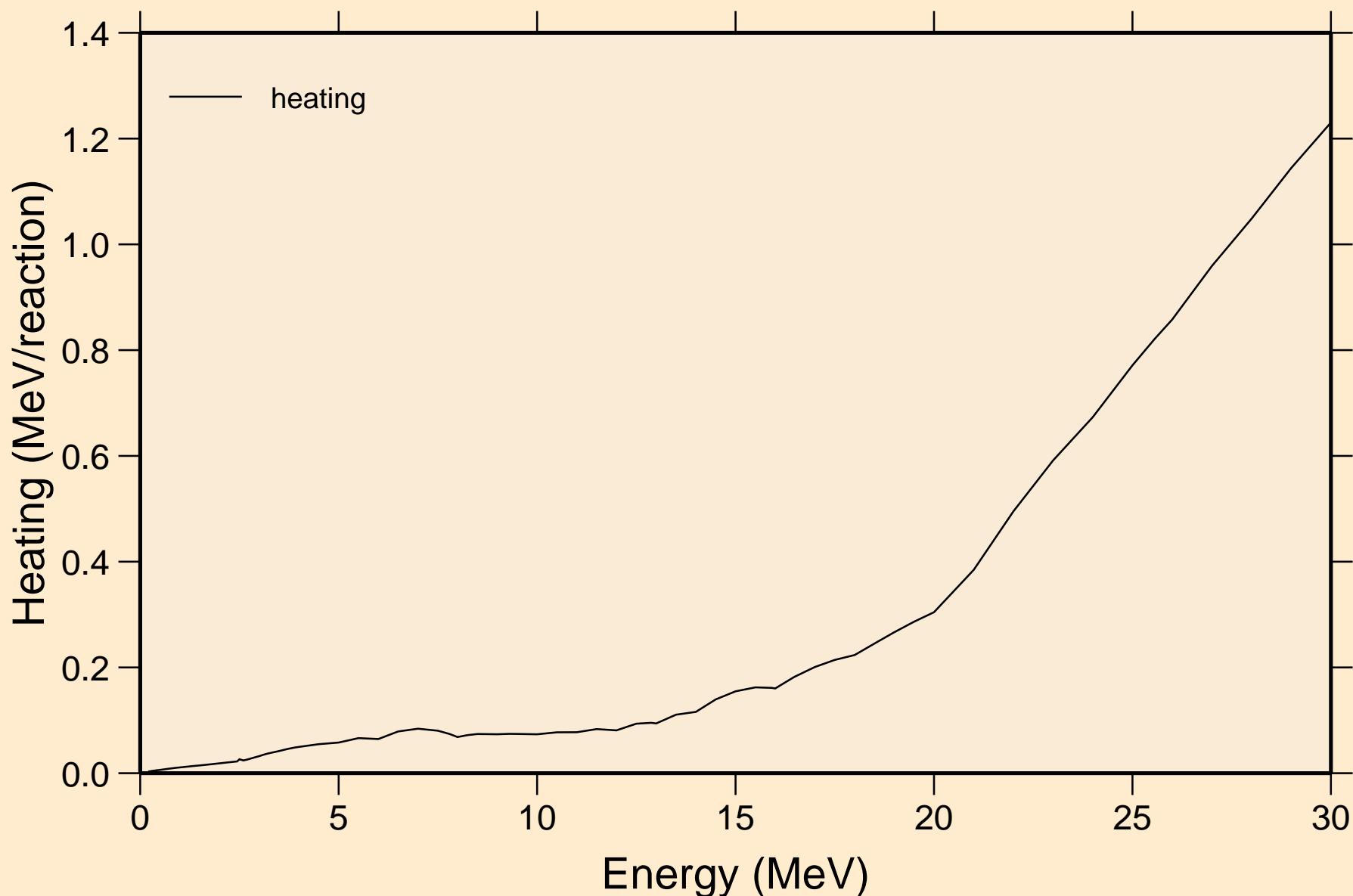


# ENDF/B-VII.1 PD-108

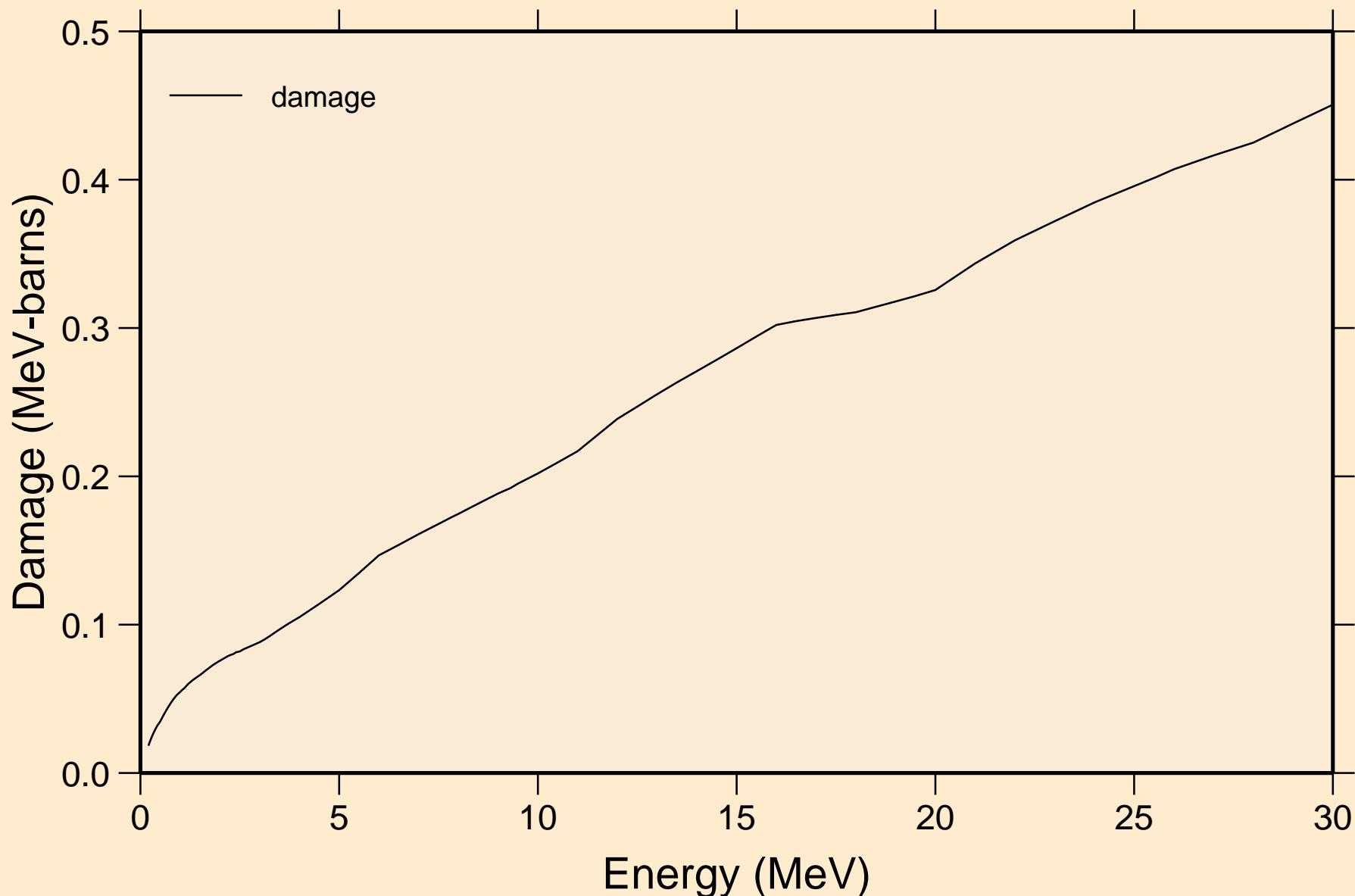
## Principal cross sections



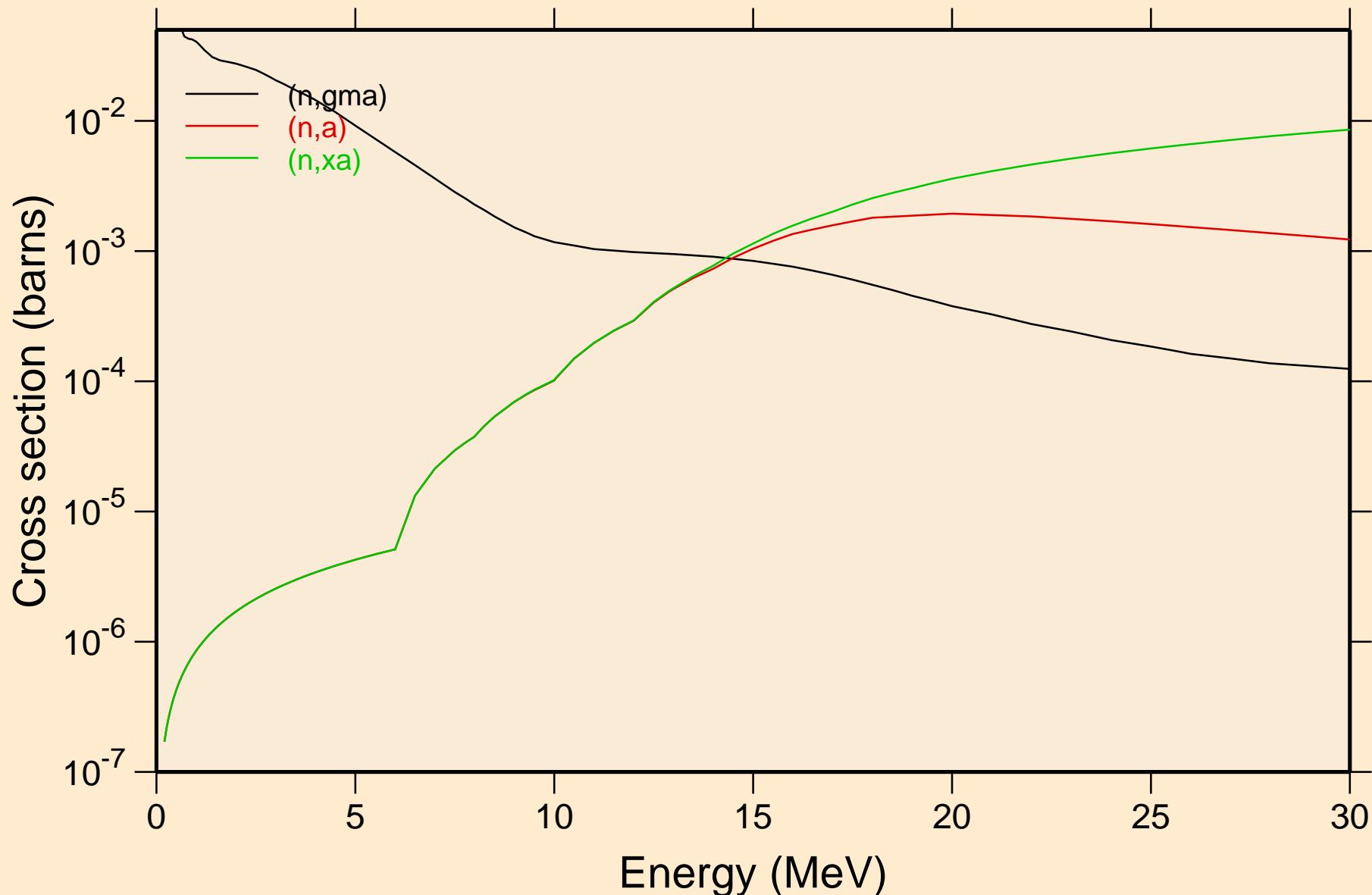
ENDF/B-VII.1 PD-108  
Heating



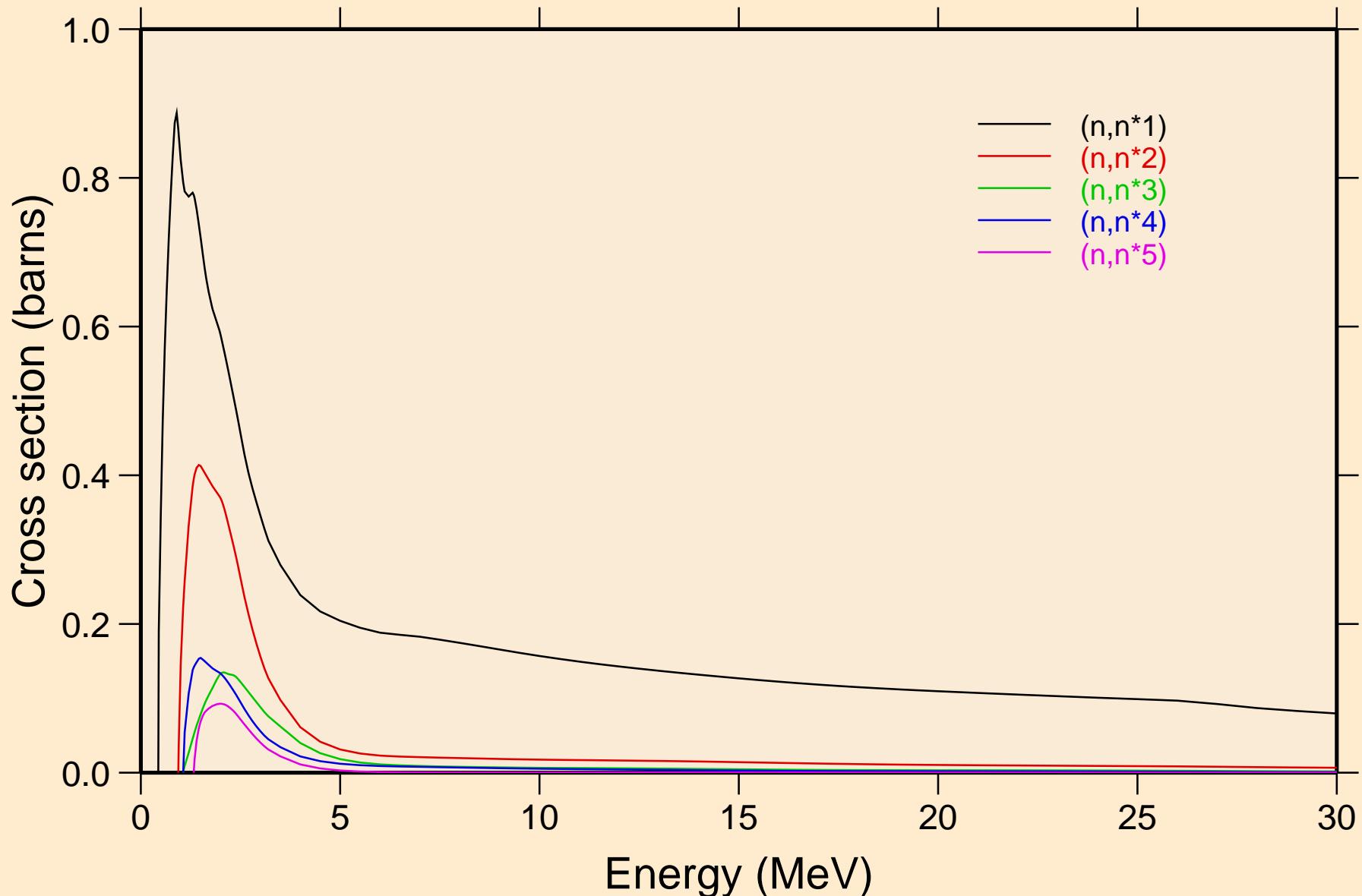
ENDF/B-VII.1 PD-108  
Damage



ENDF/B-VII.1 PD-108  
Non-threshold reactions

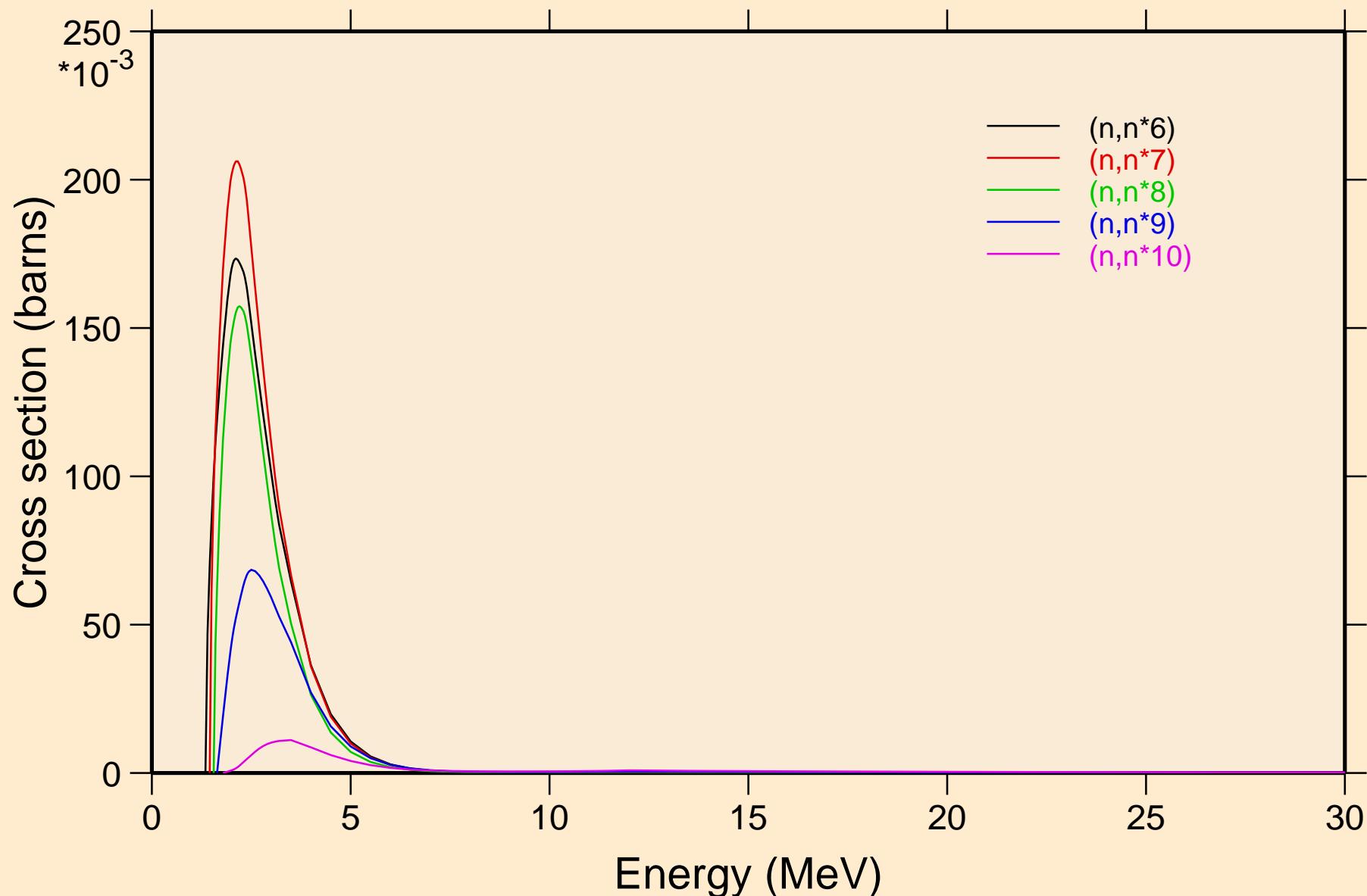


ENDF/B-VII.1 PD-108  
Inelastic levels



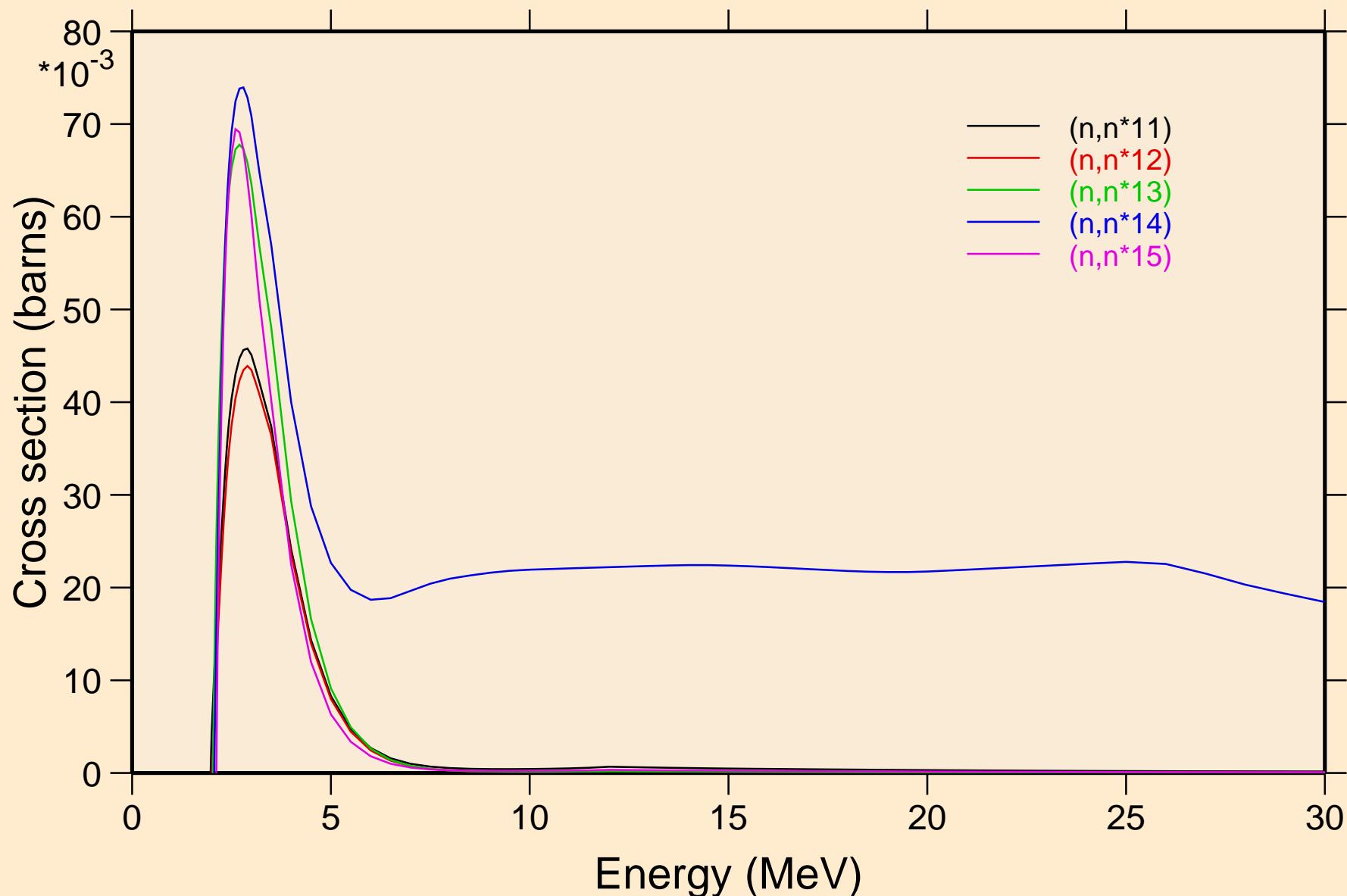
# ENDF/B-VII.1 PD-108

## Inelastic levels



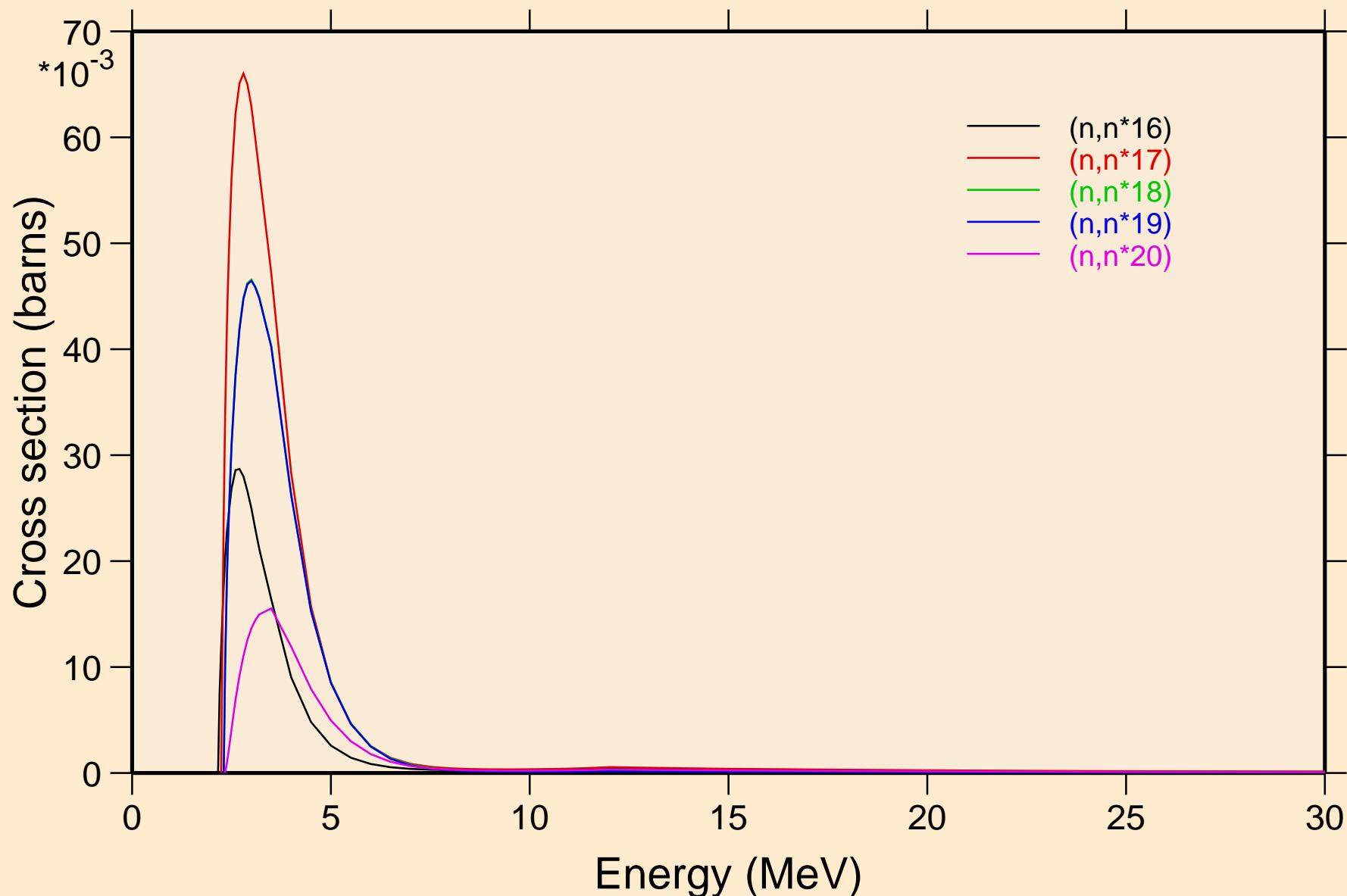
# ENDF/B-VII.1 PD-108

## Inelastic levels



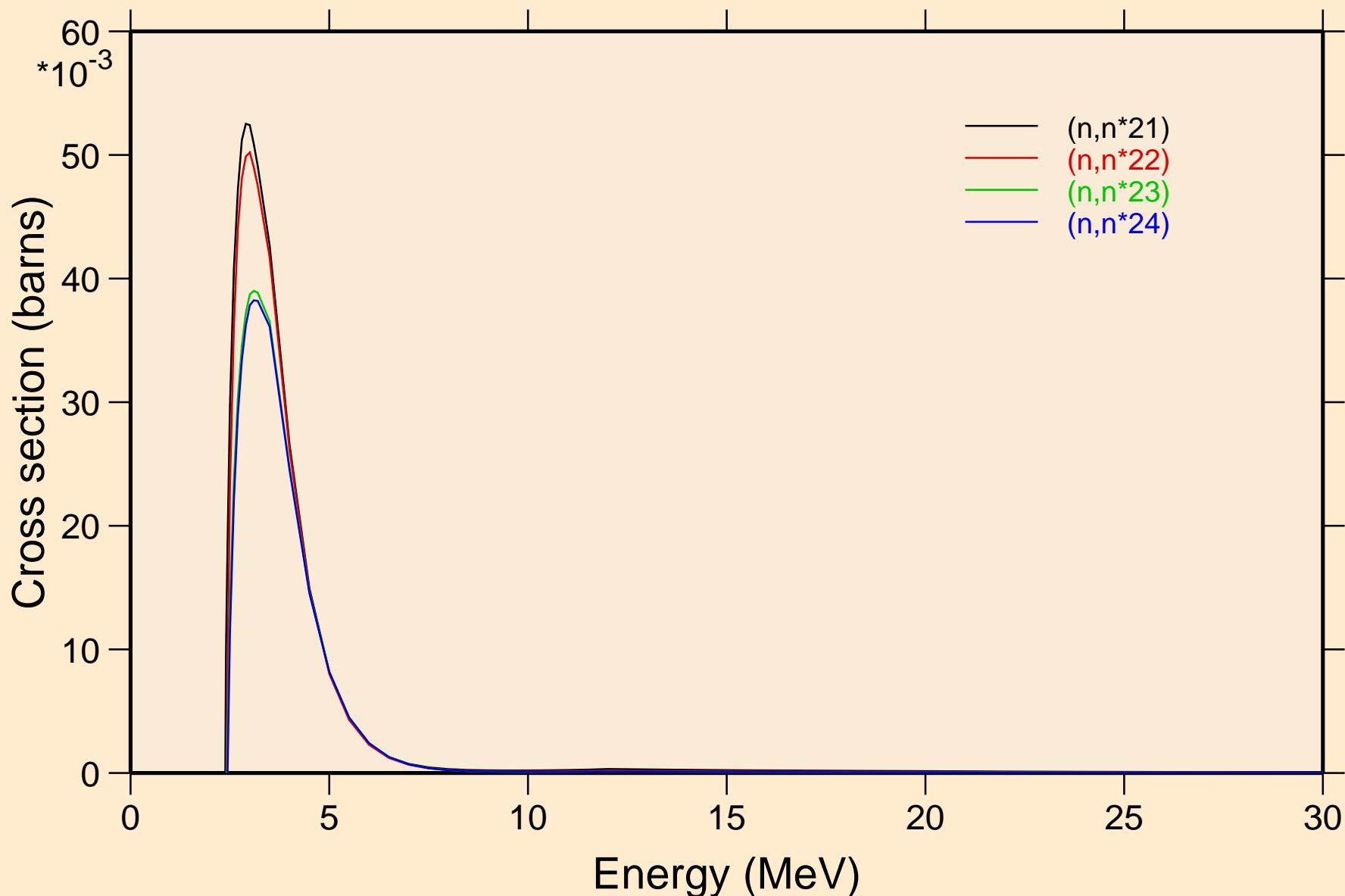
# ENDF/B-VII.1 PD-108

## Inelastic levels



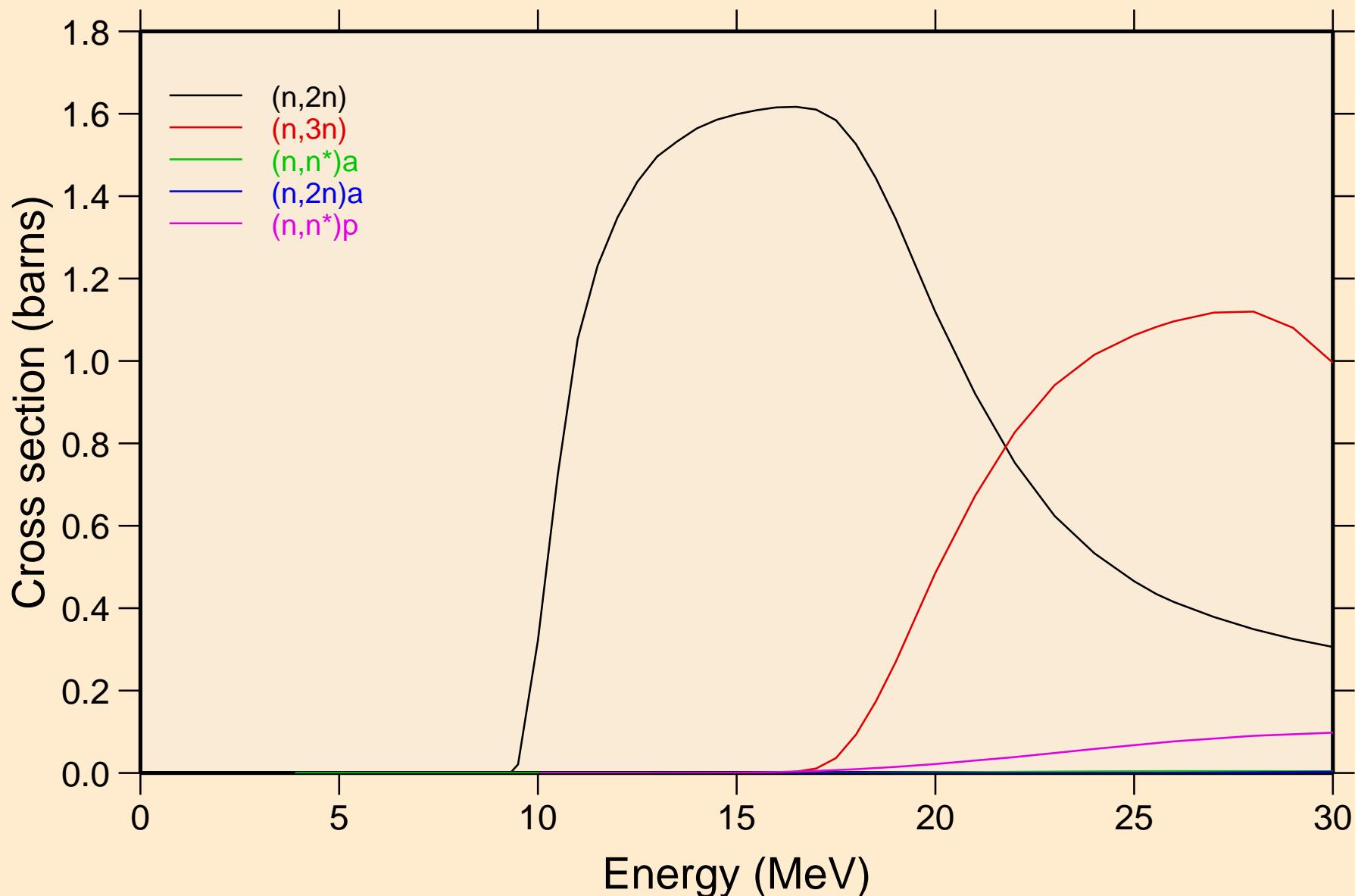
# ENDF/B-VII.1 PD-108

## Inelastic levels



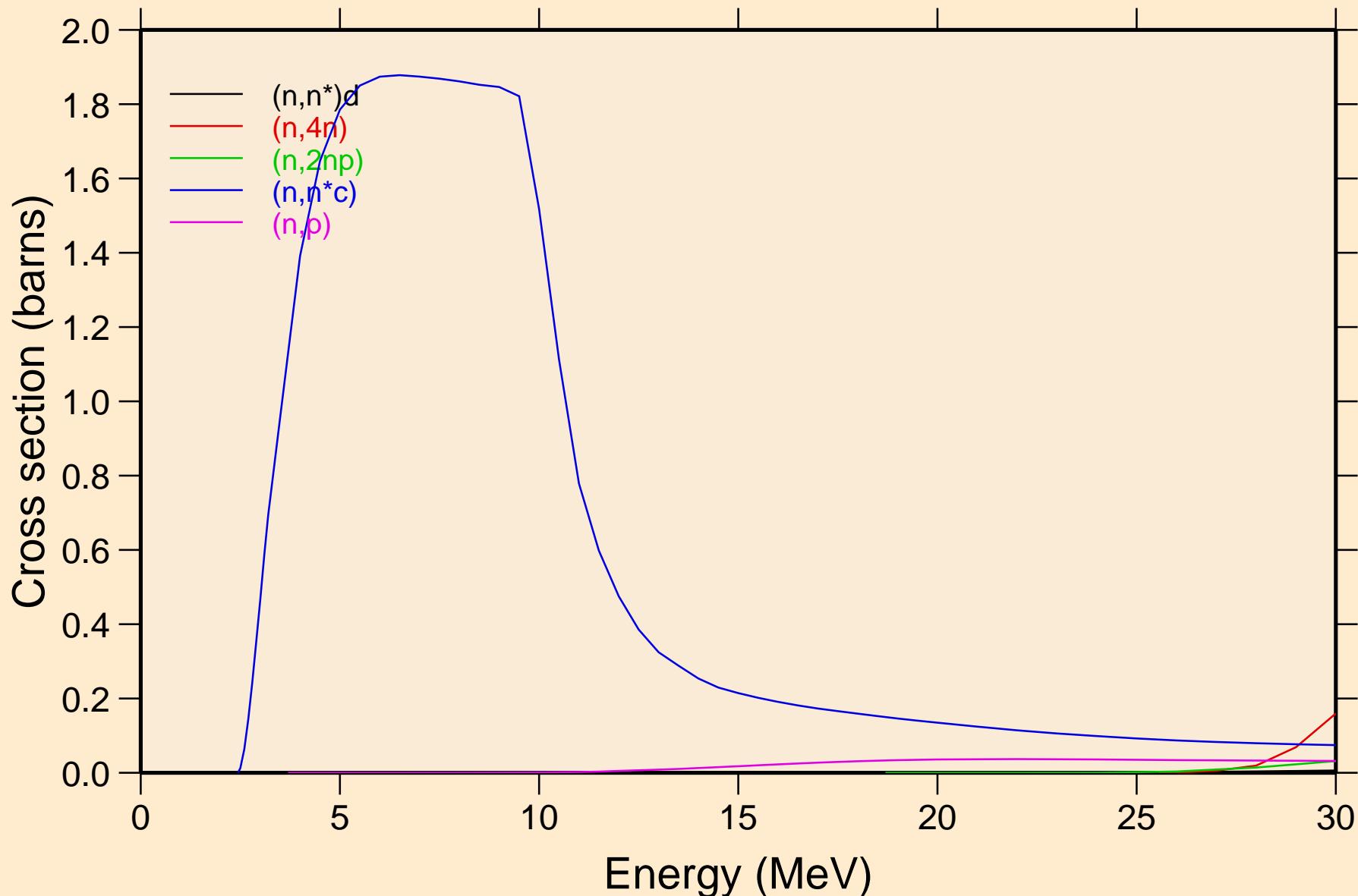
# ENDF/B-VII.1 PD-108

## Threshold reactions



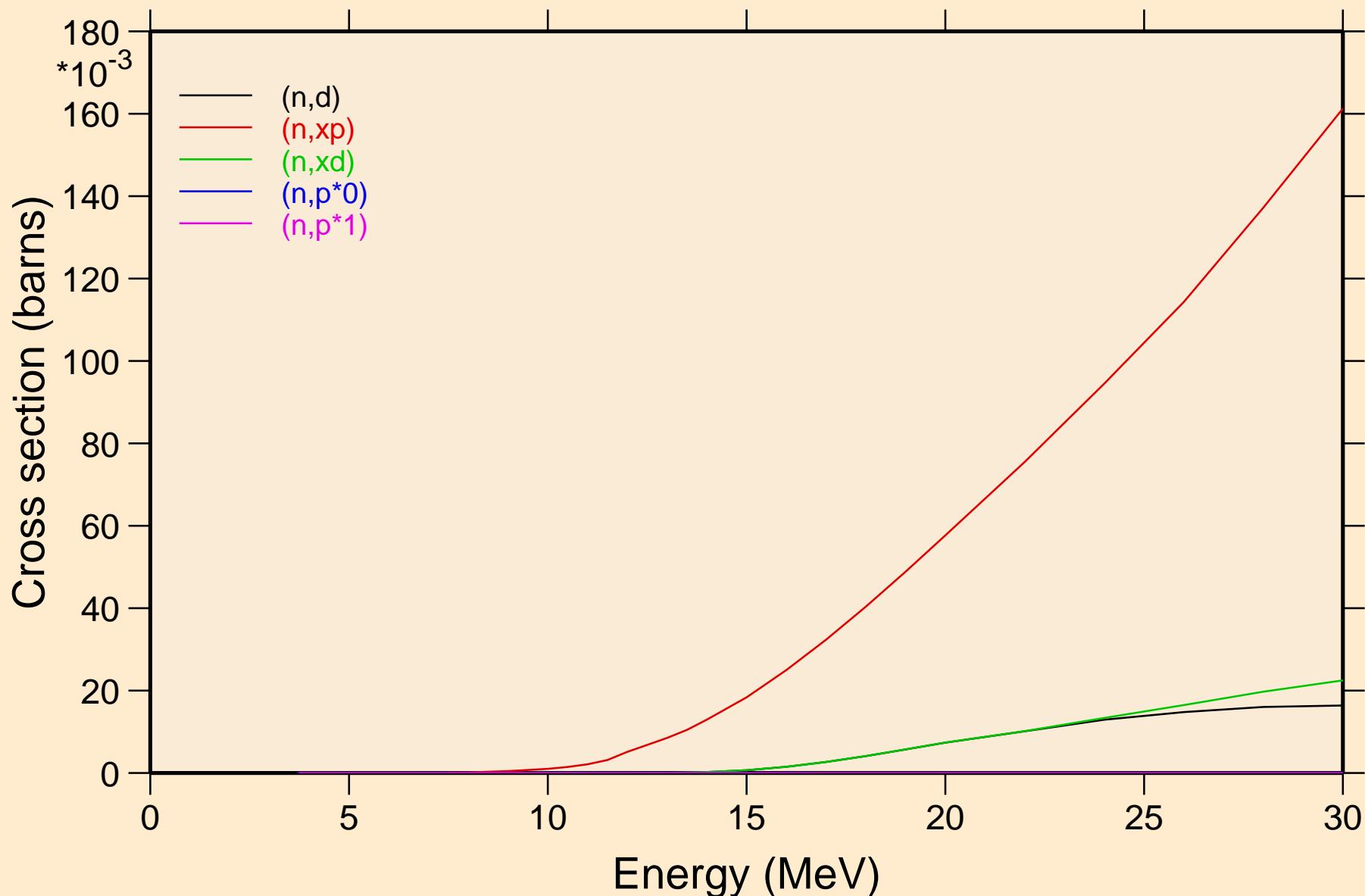
# ENDF/B-VII.1 PD-108

## Threshold reactions



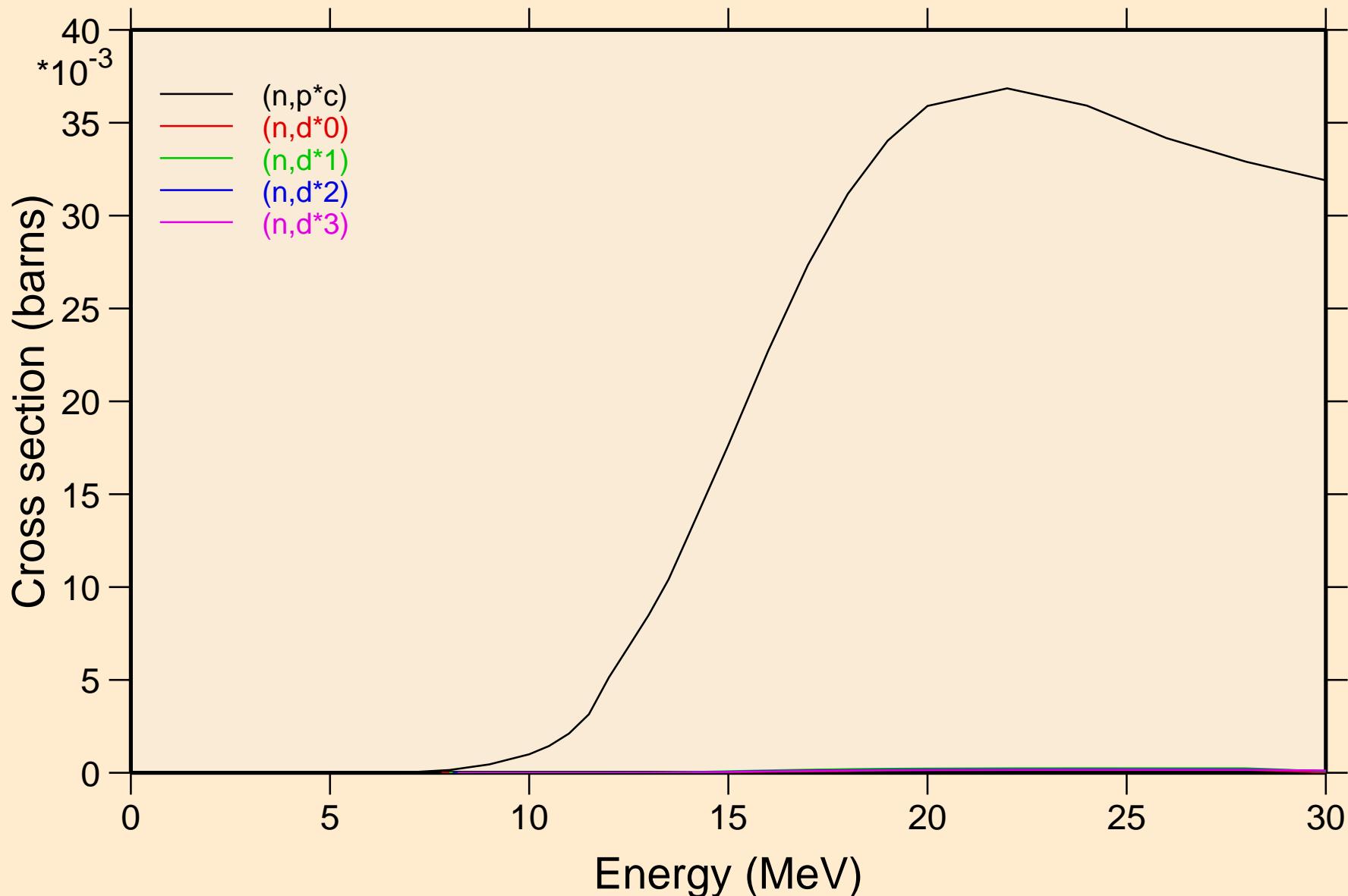
# ENDF/B-VII.1 PD-108

## Threshold reactions

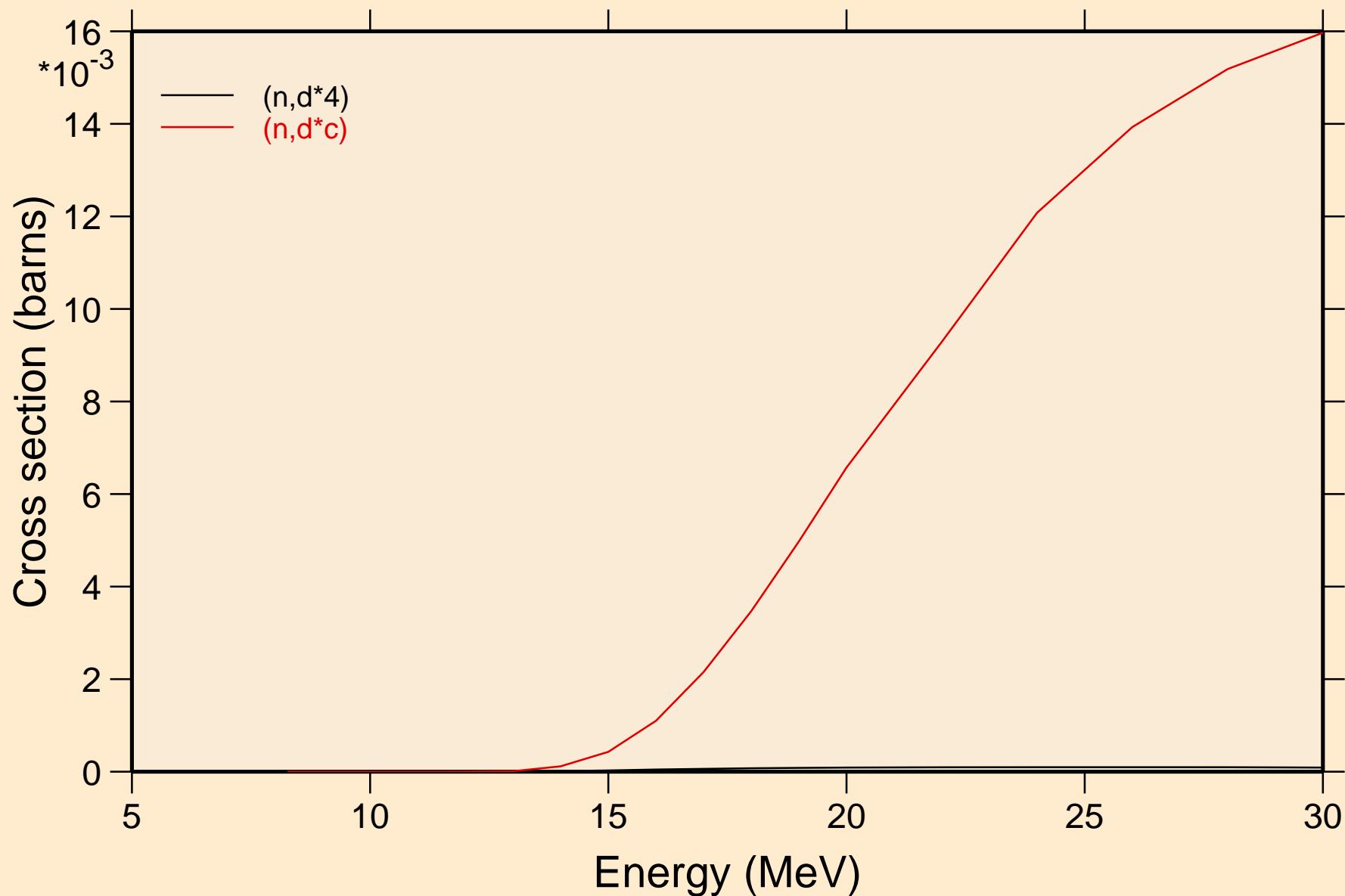


# ENDF/B-VII.1 PD-108

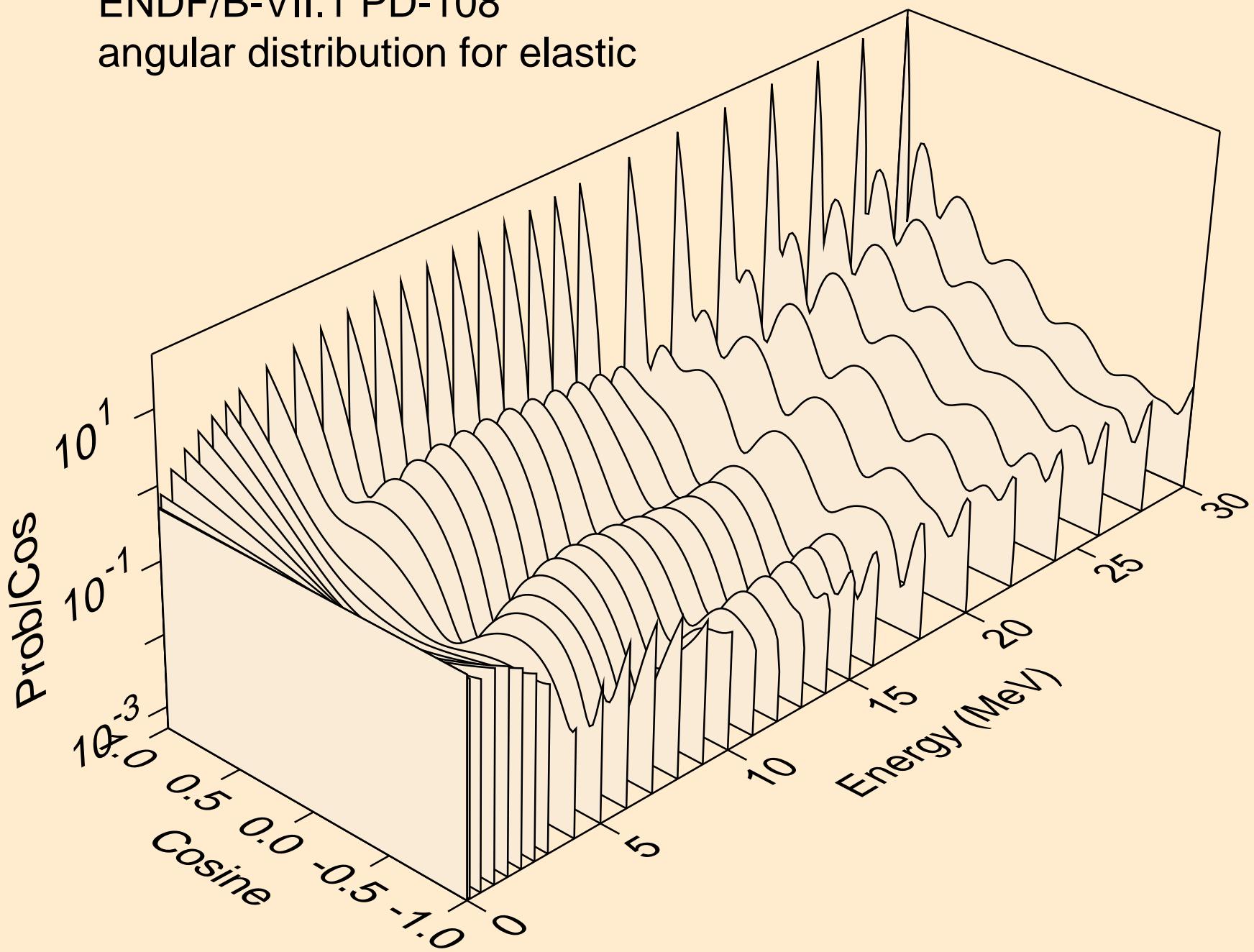
## Threshold reactions



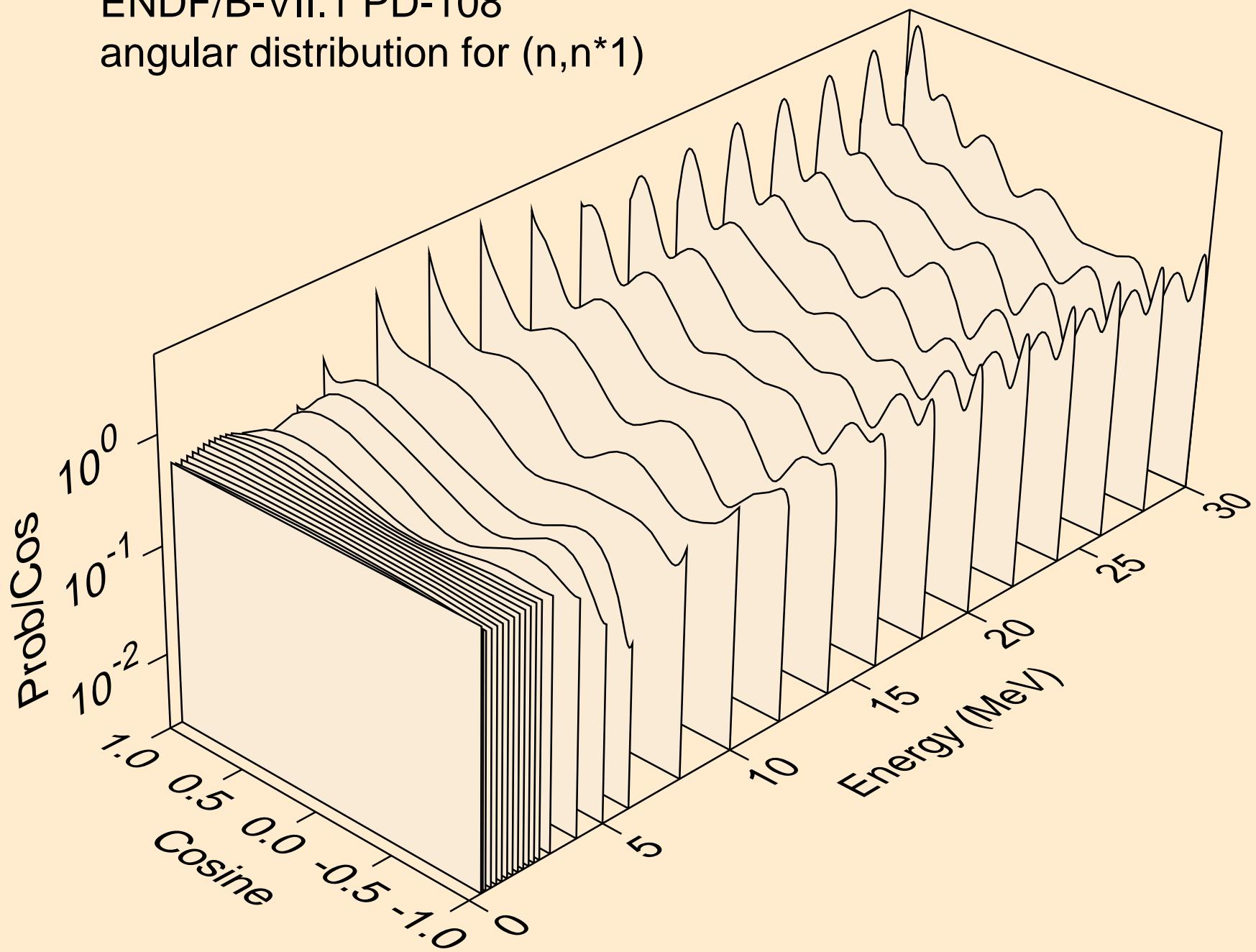
ENDF/B-VII.1 PD-108  
Threshold reactions



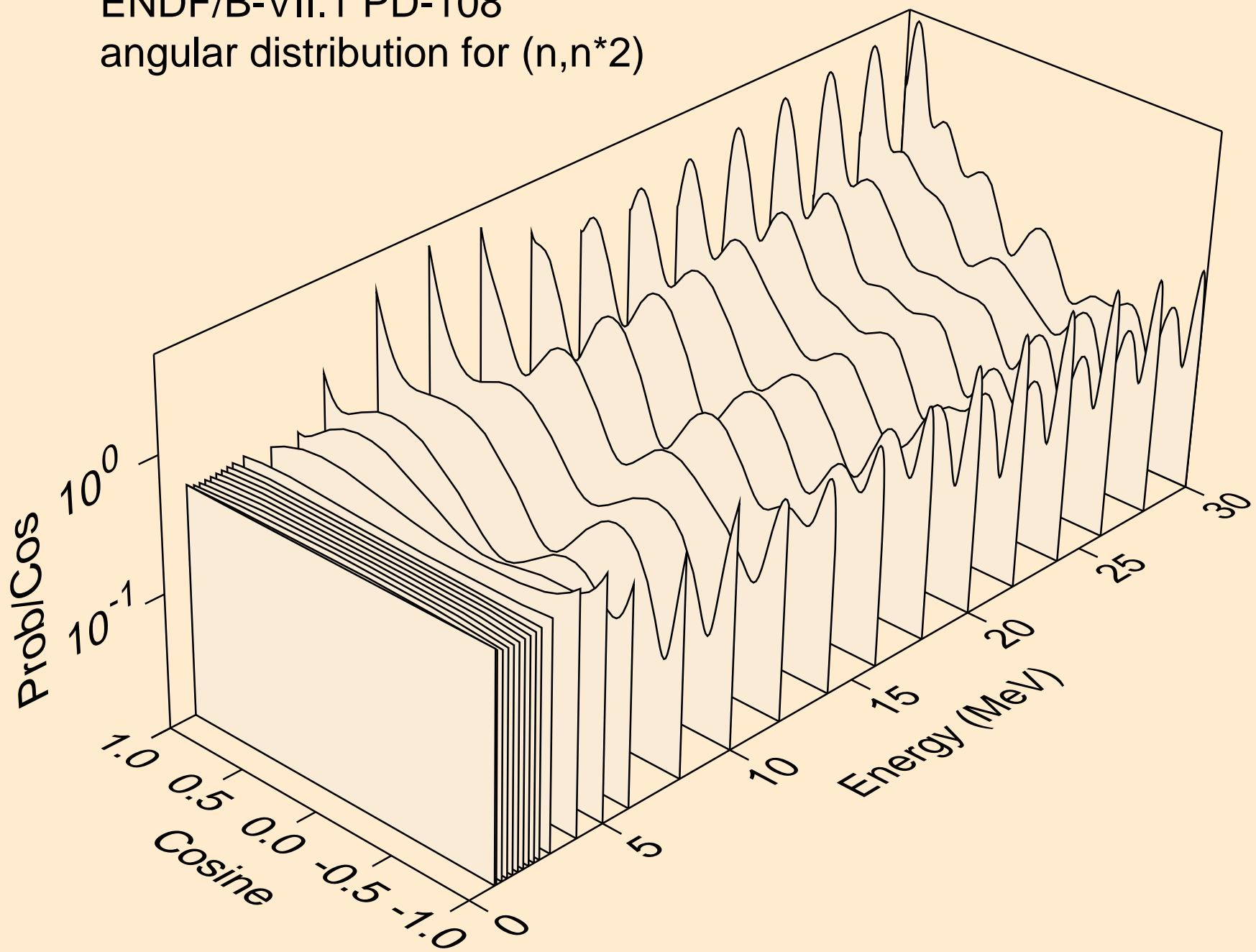
ENDF/B-VII.1 PD-108  
angular distribution for elastic



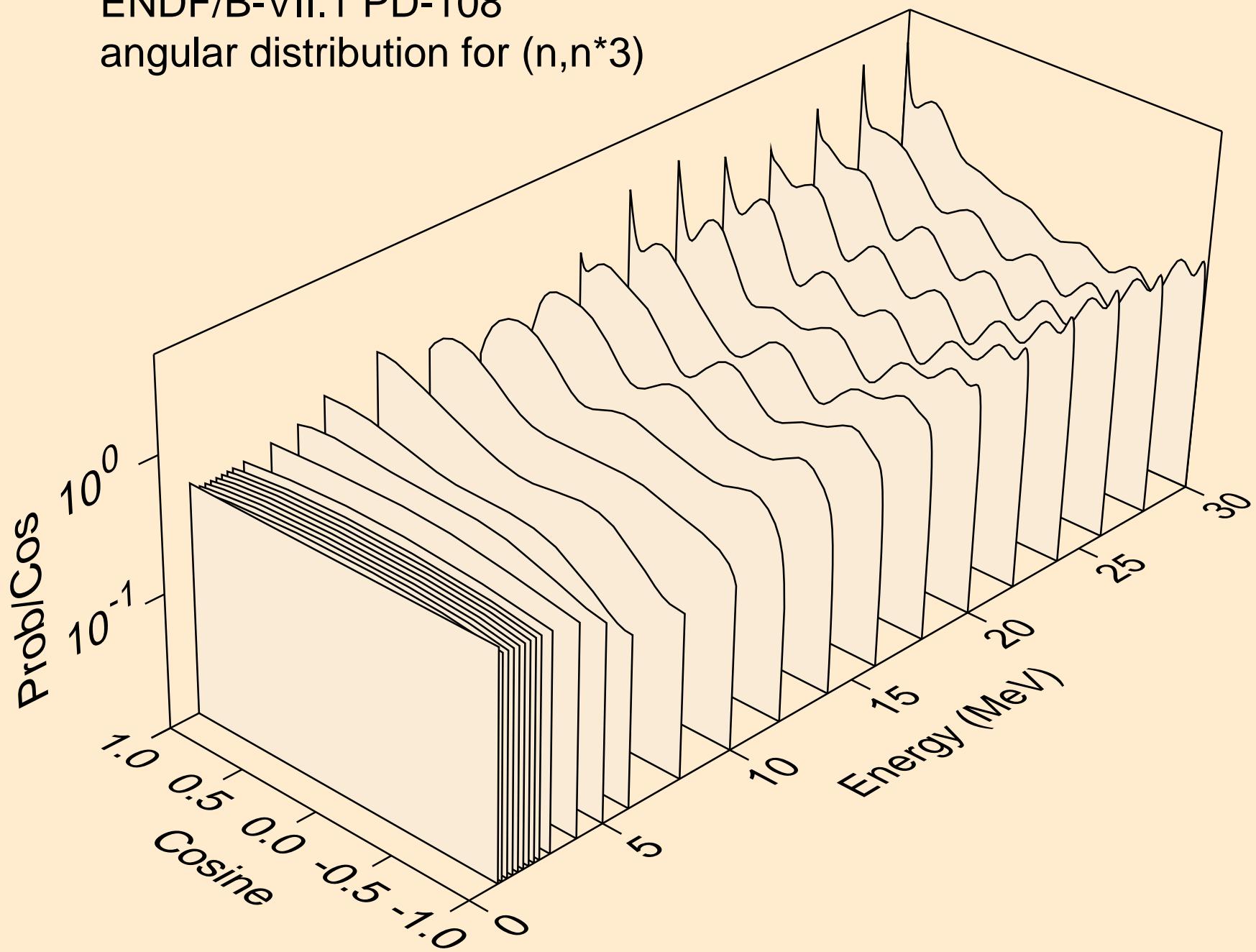
ENDF/B-VII.1 PD-108  
angular distribution for (n,n\*1)



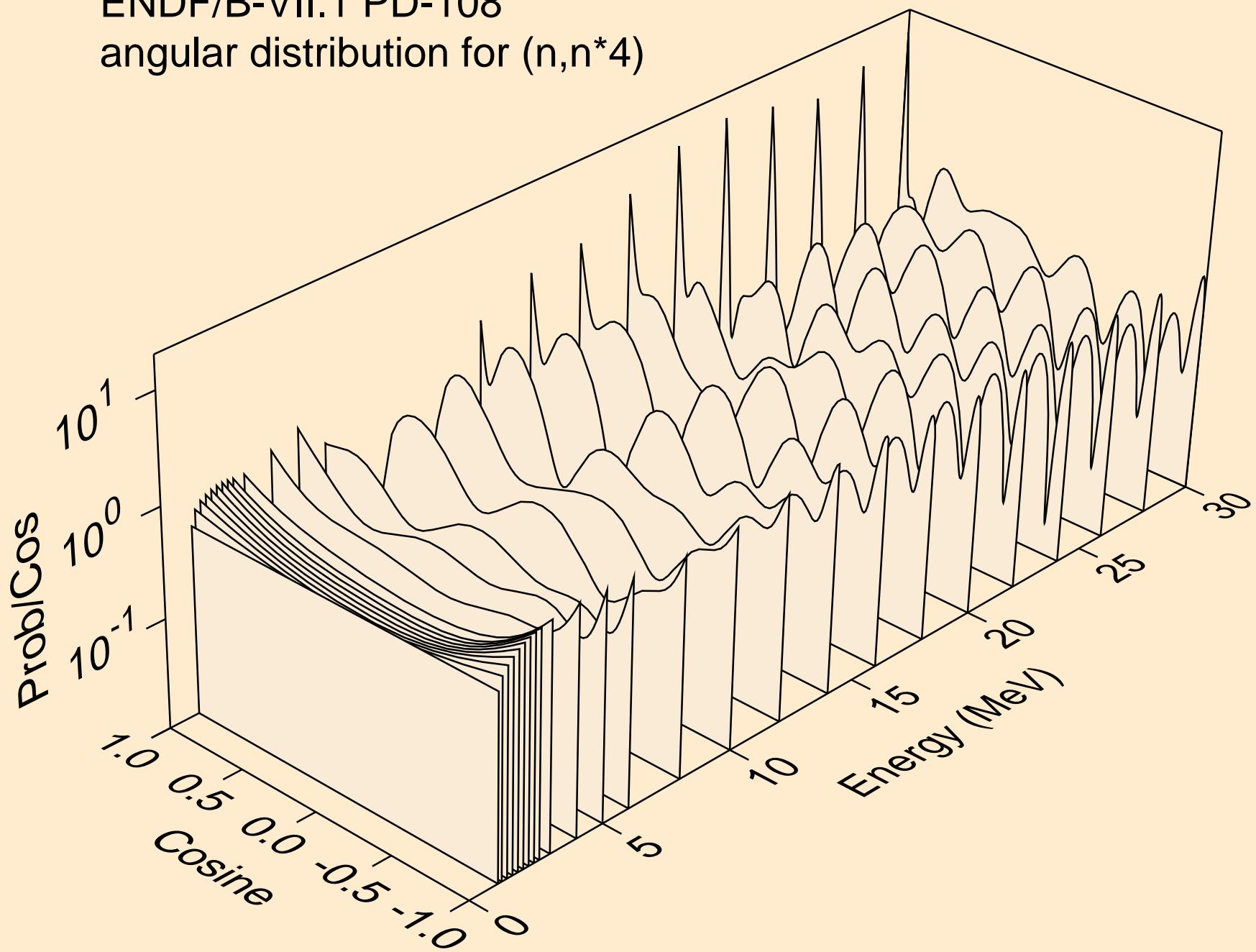
ENDF/B-VII.1 PD-108  
angular distribution for  $(n,n^*)^2$



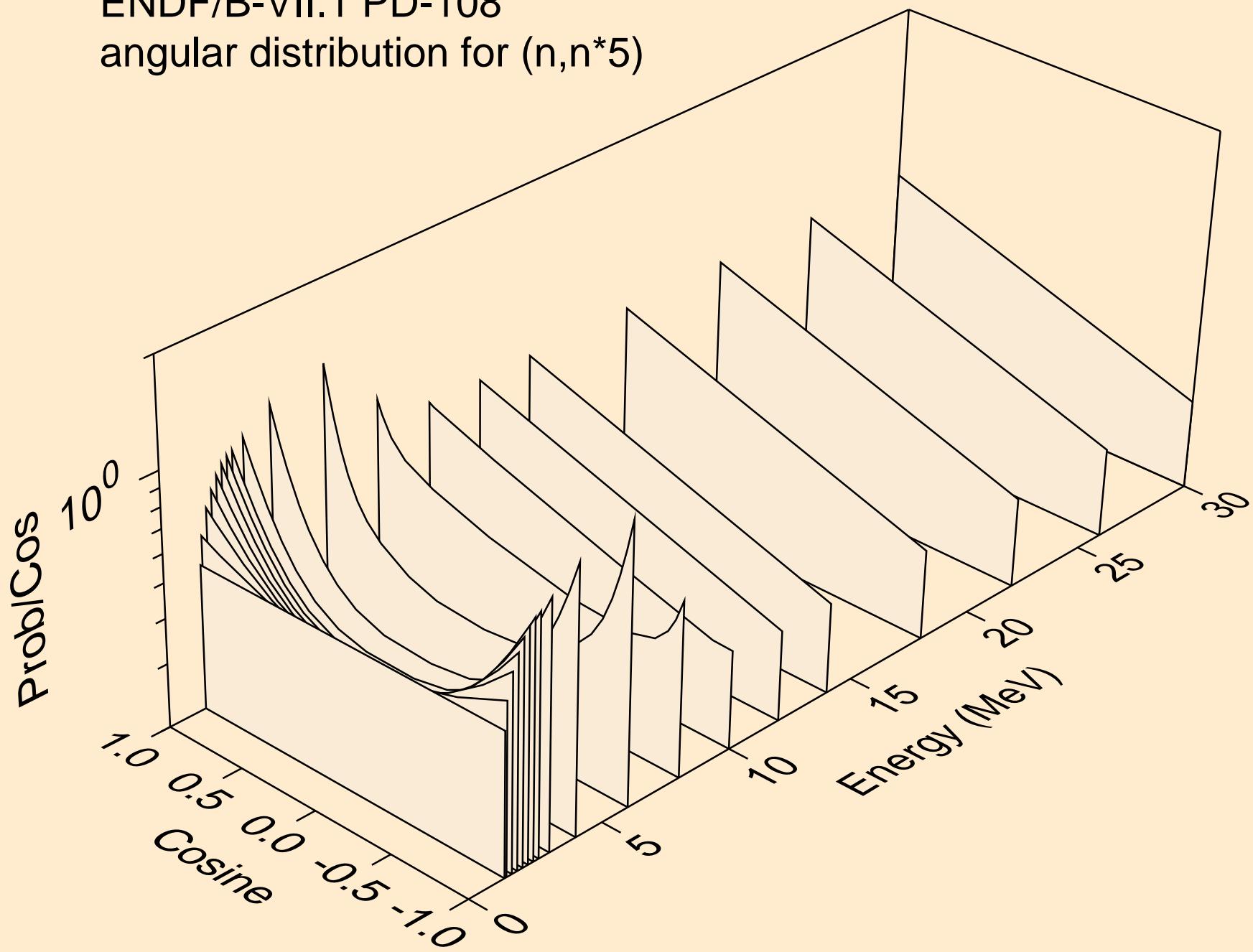
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angular distribution for  $(n,n^*3)$



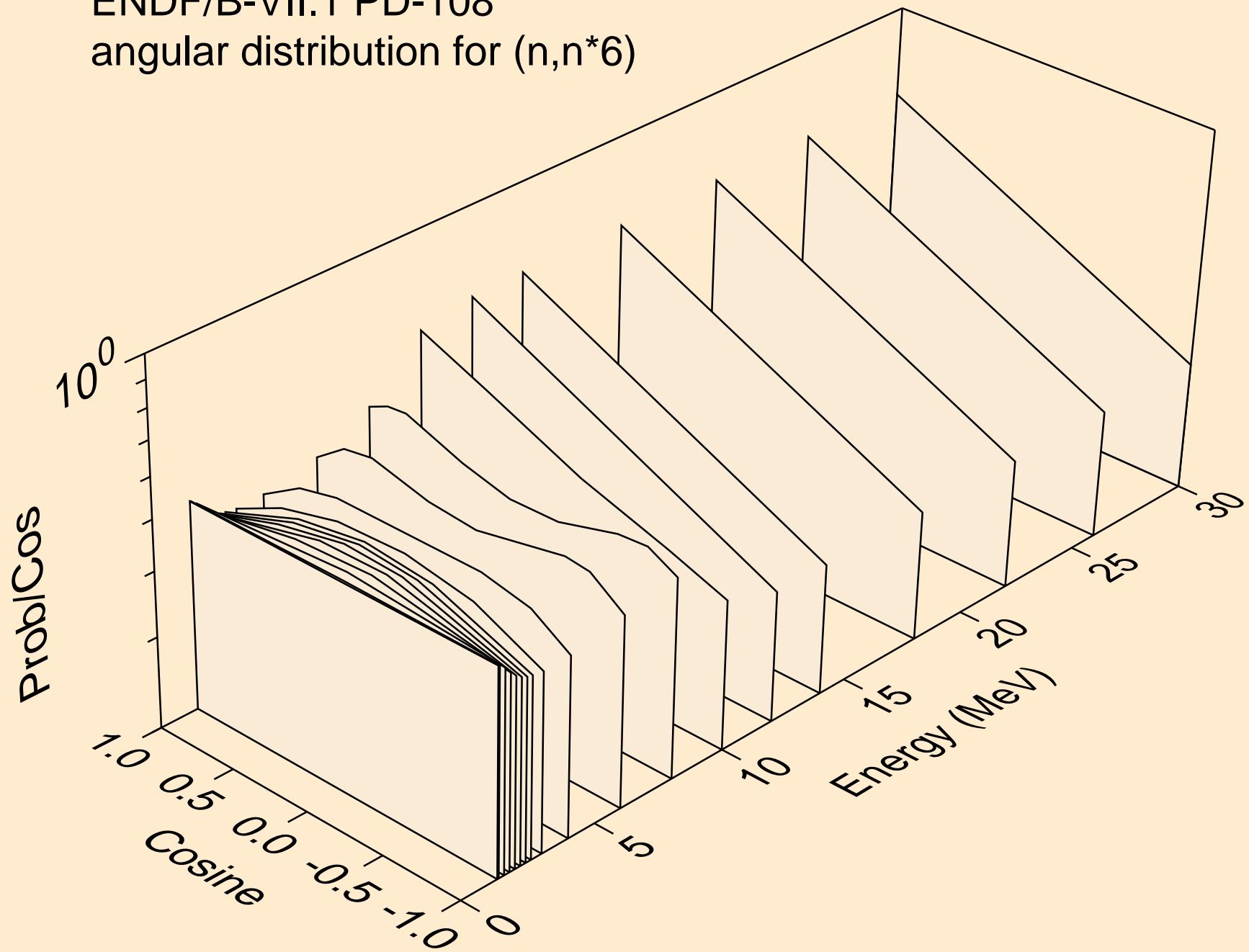
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angular distribution for  $(n,n^*4)$



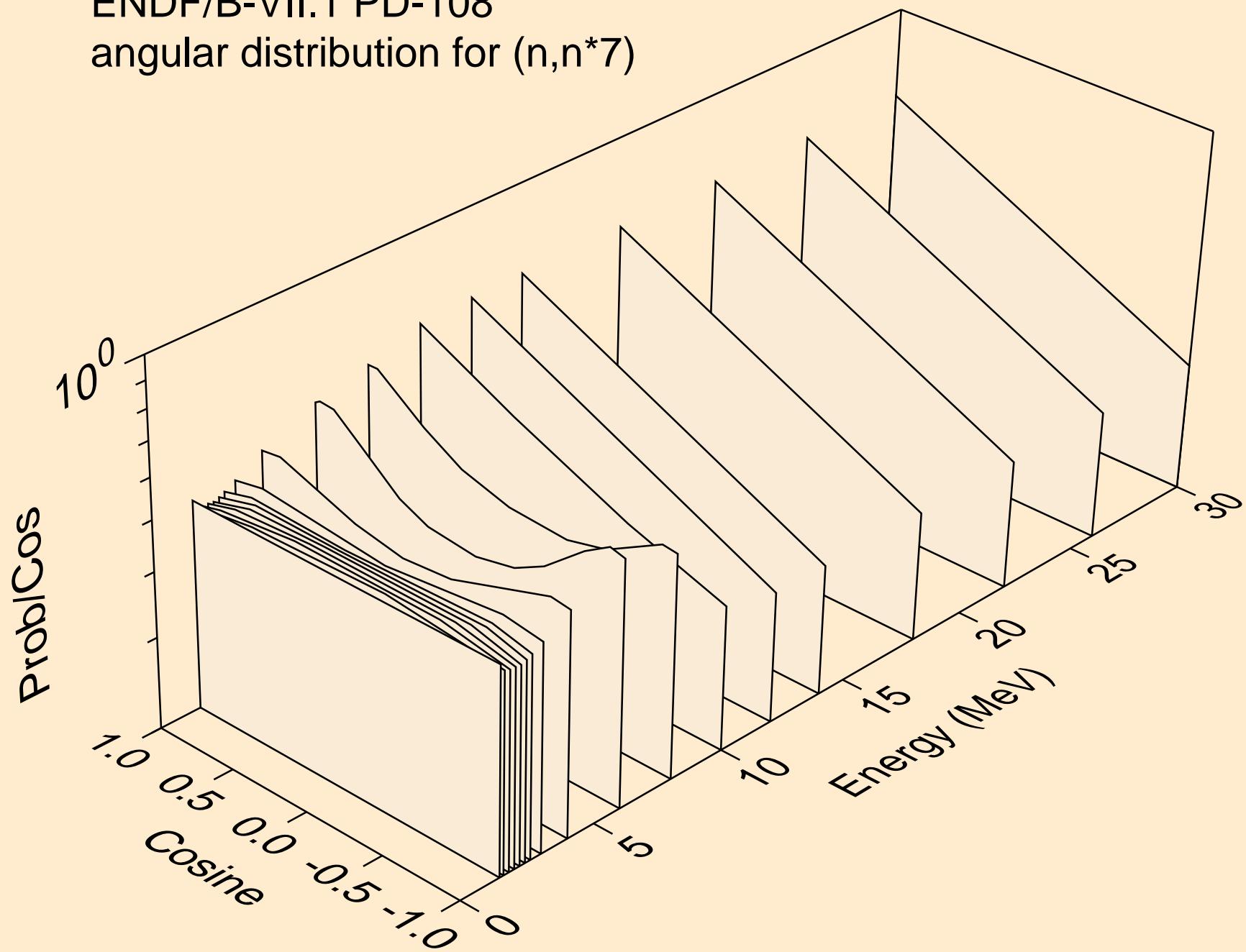
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angular distribution for  $(n,n^*)5$



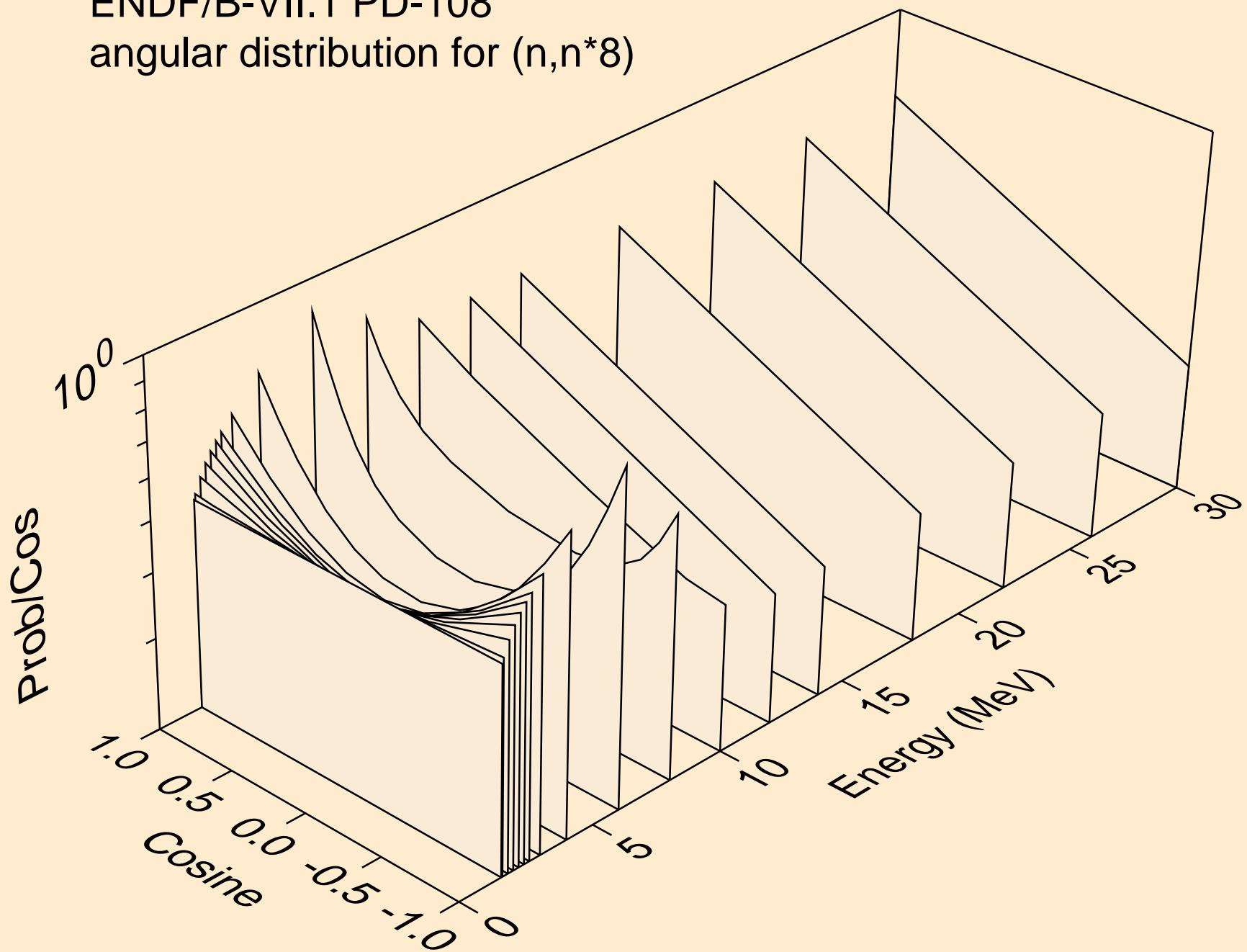
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angular distribution for  $(n,n^*6)$



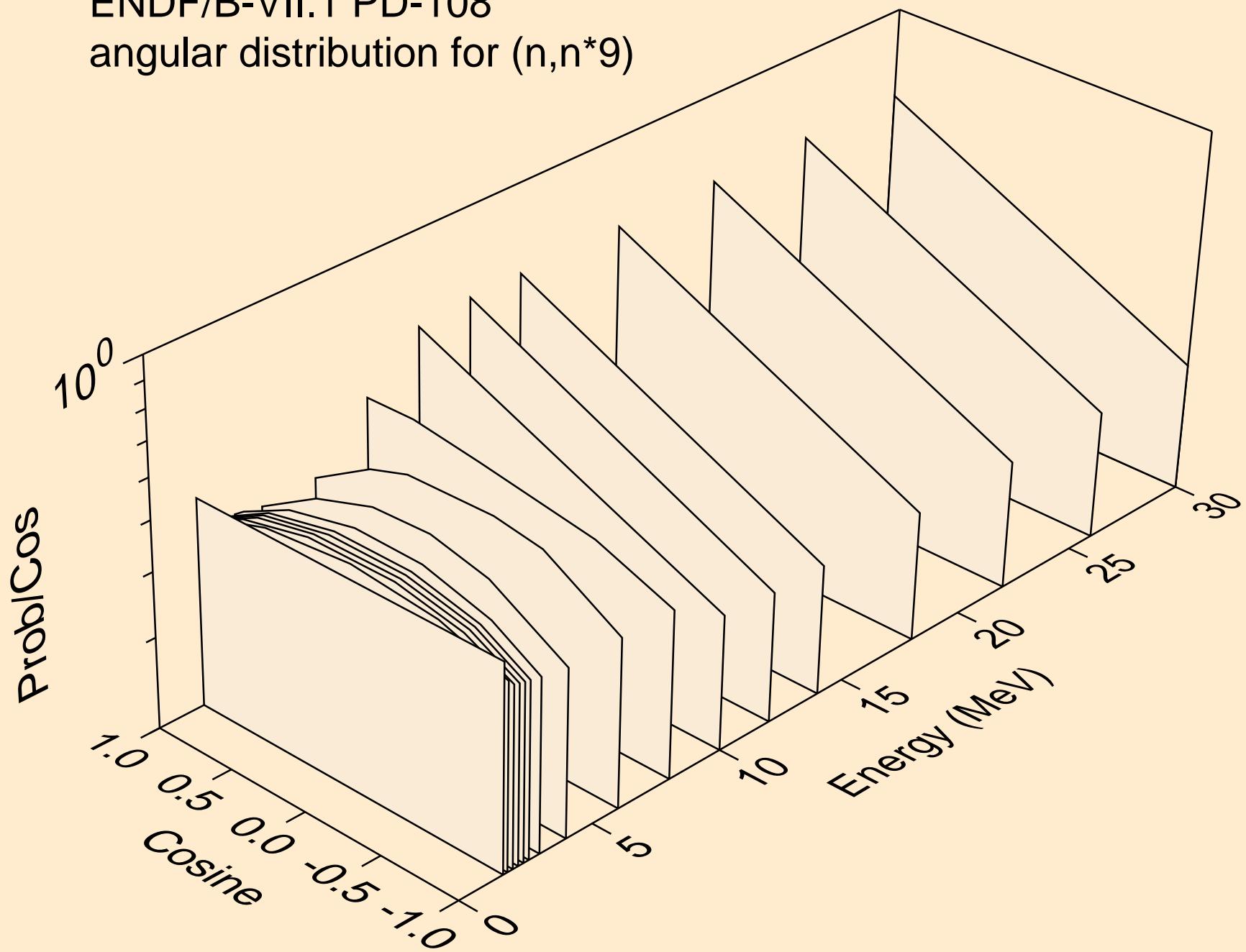
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angular distribution for  $(n,n^*7)$



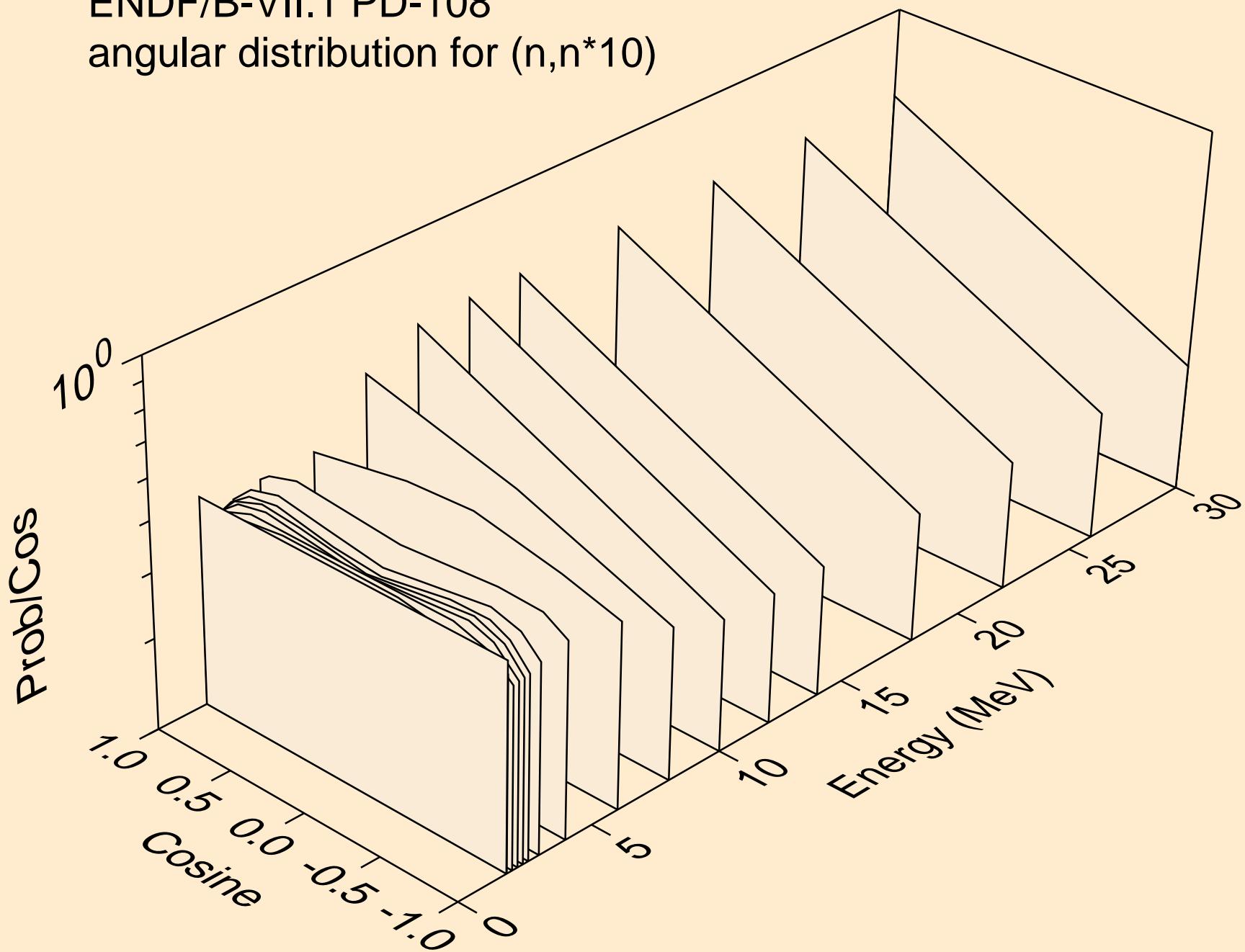
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angular distribution for  $(n,n^*8)$



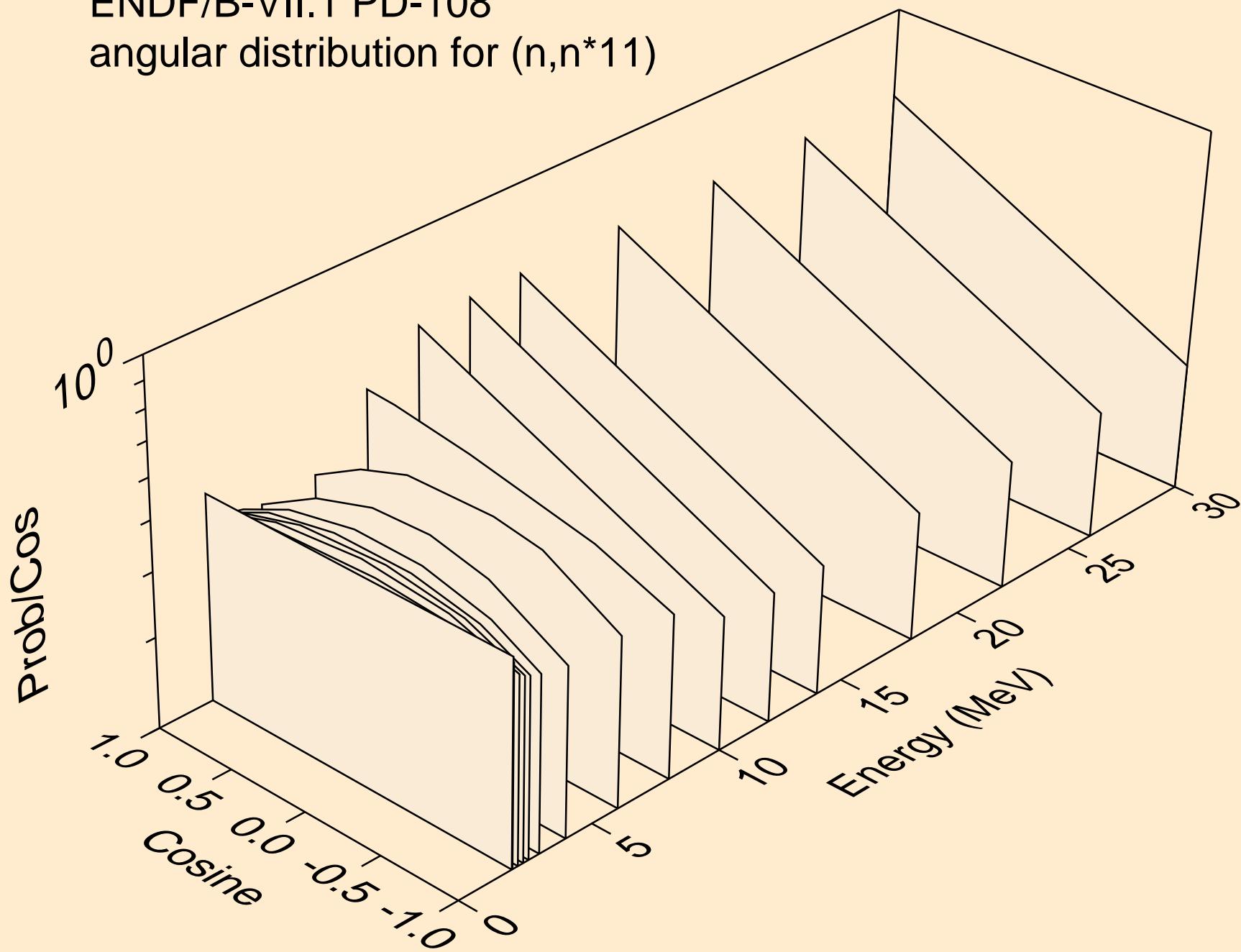
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angular distribution for  $(n,n^*)9$



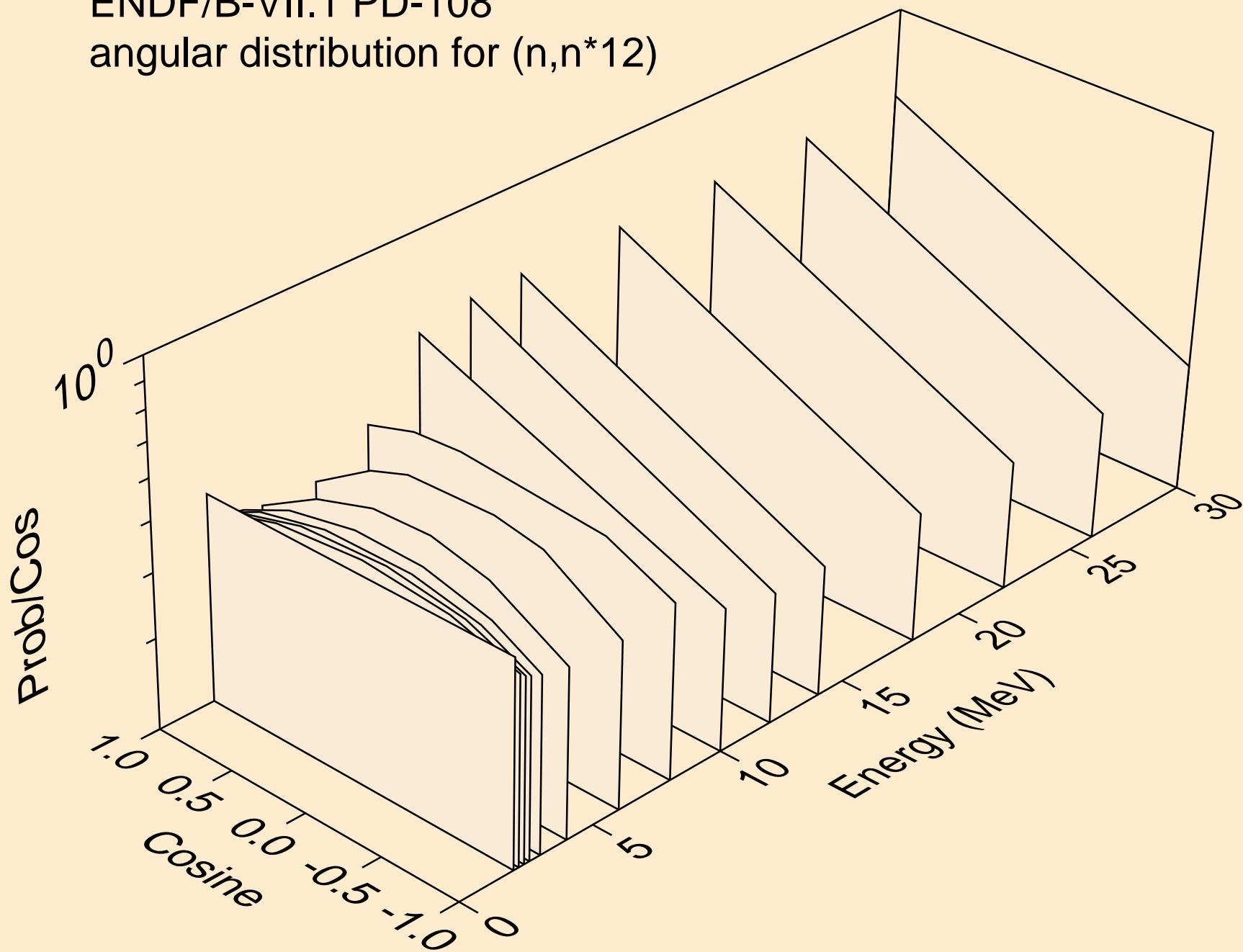
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angular distribution for (n,n\*10)



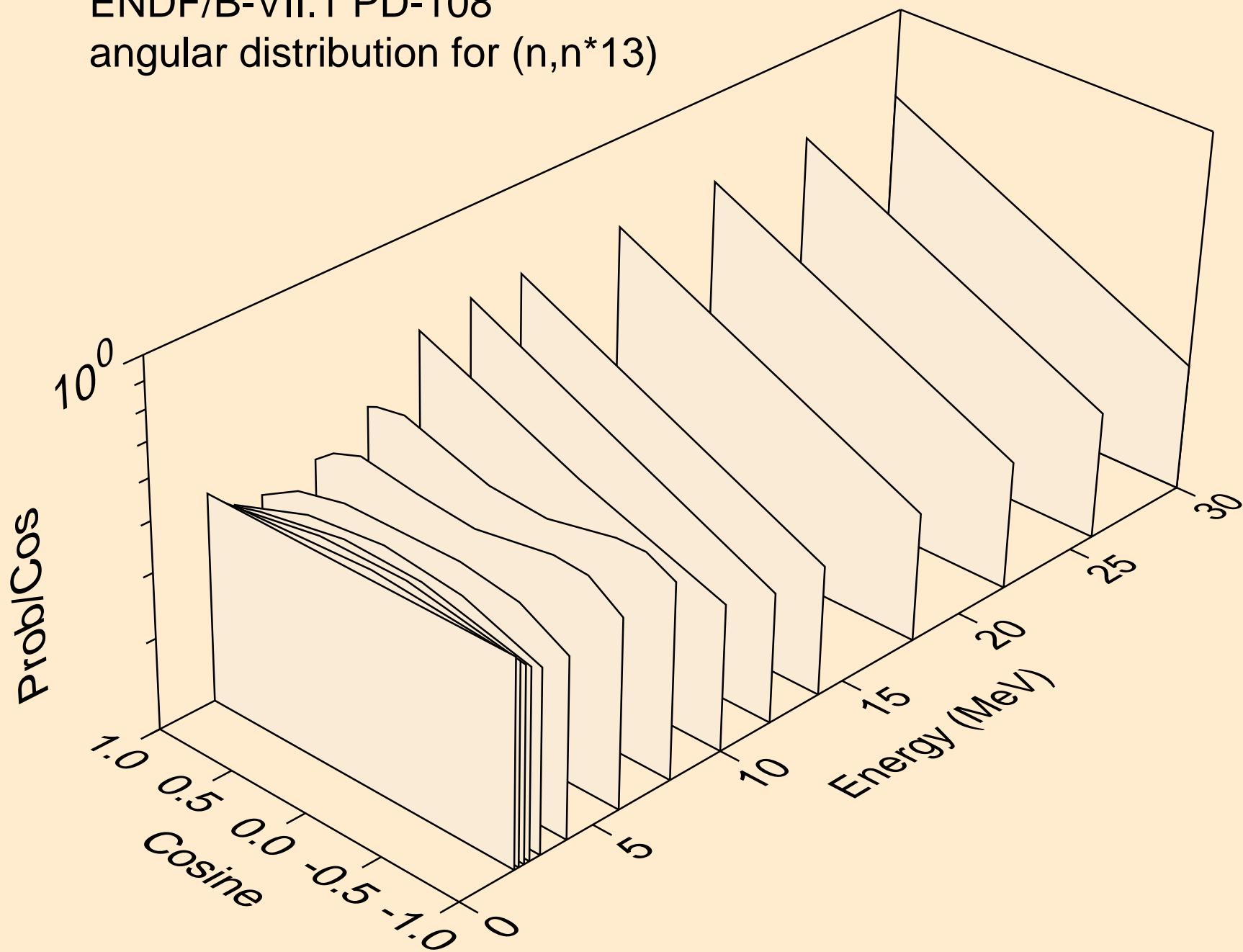
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angular distribution for (n,n\*11)



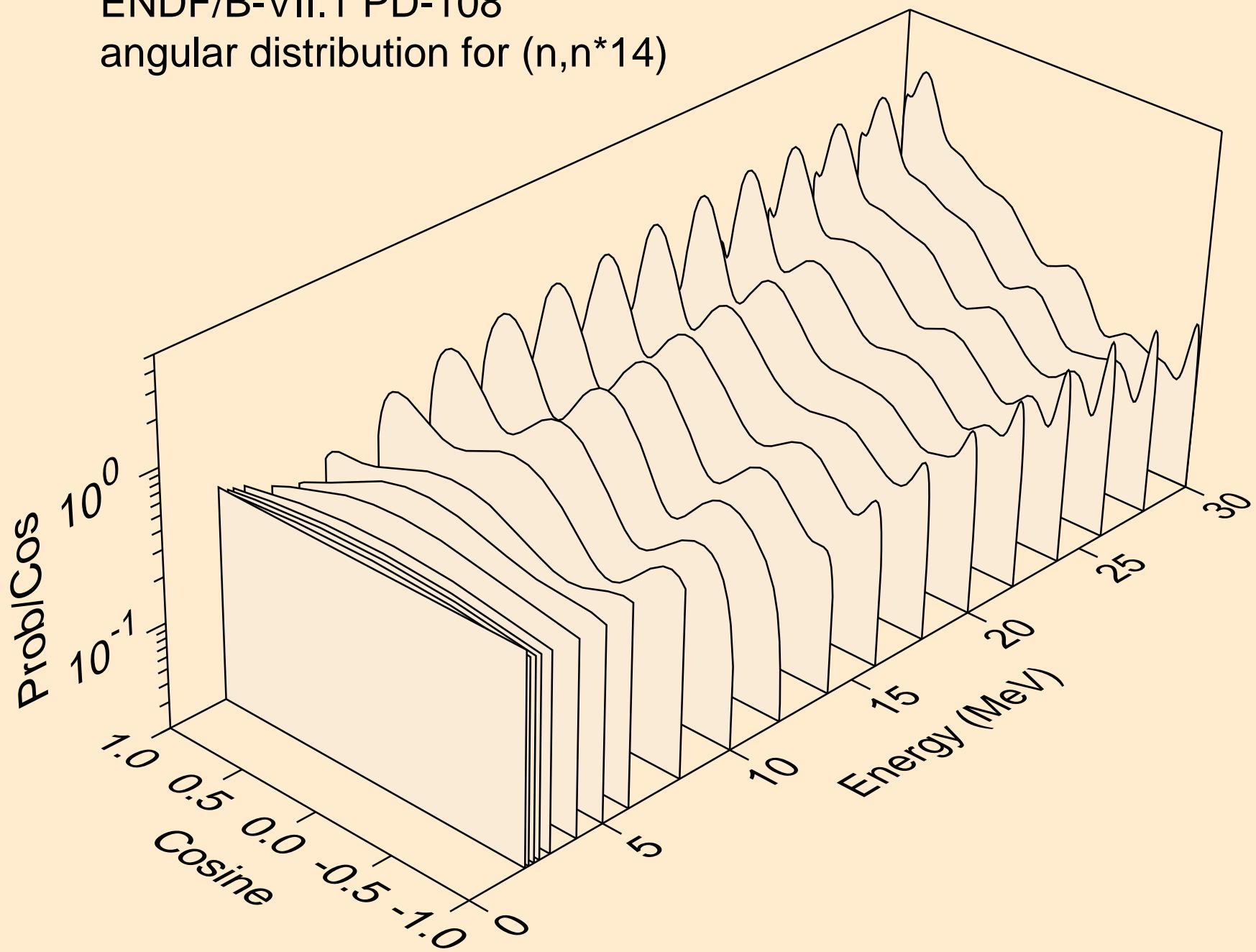
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angular distribution for (n,n\*12)



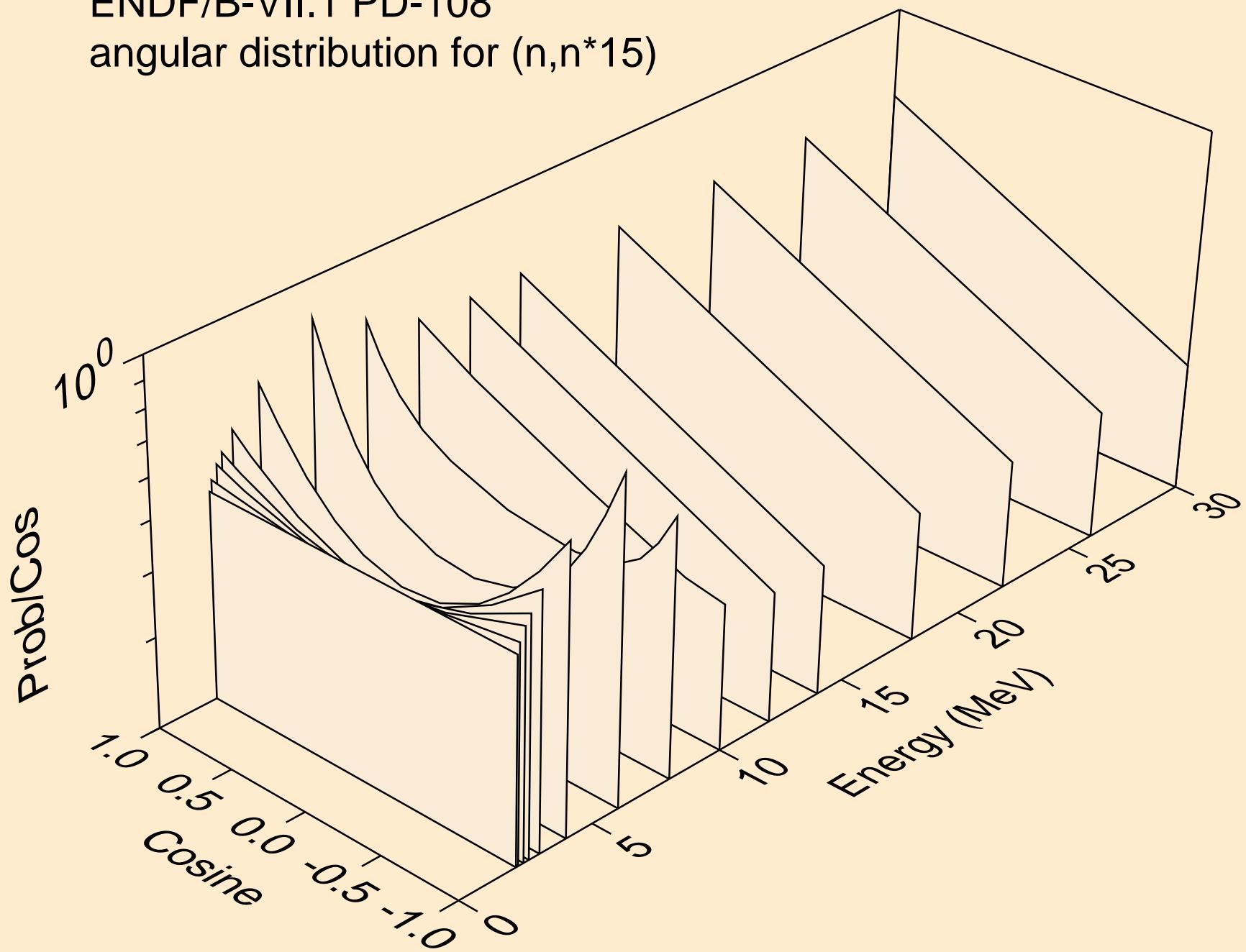
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angular distribution for (n,n\*13)



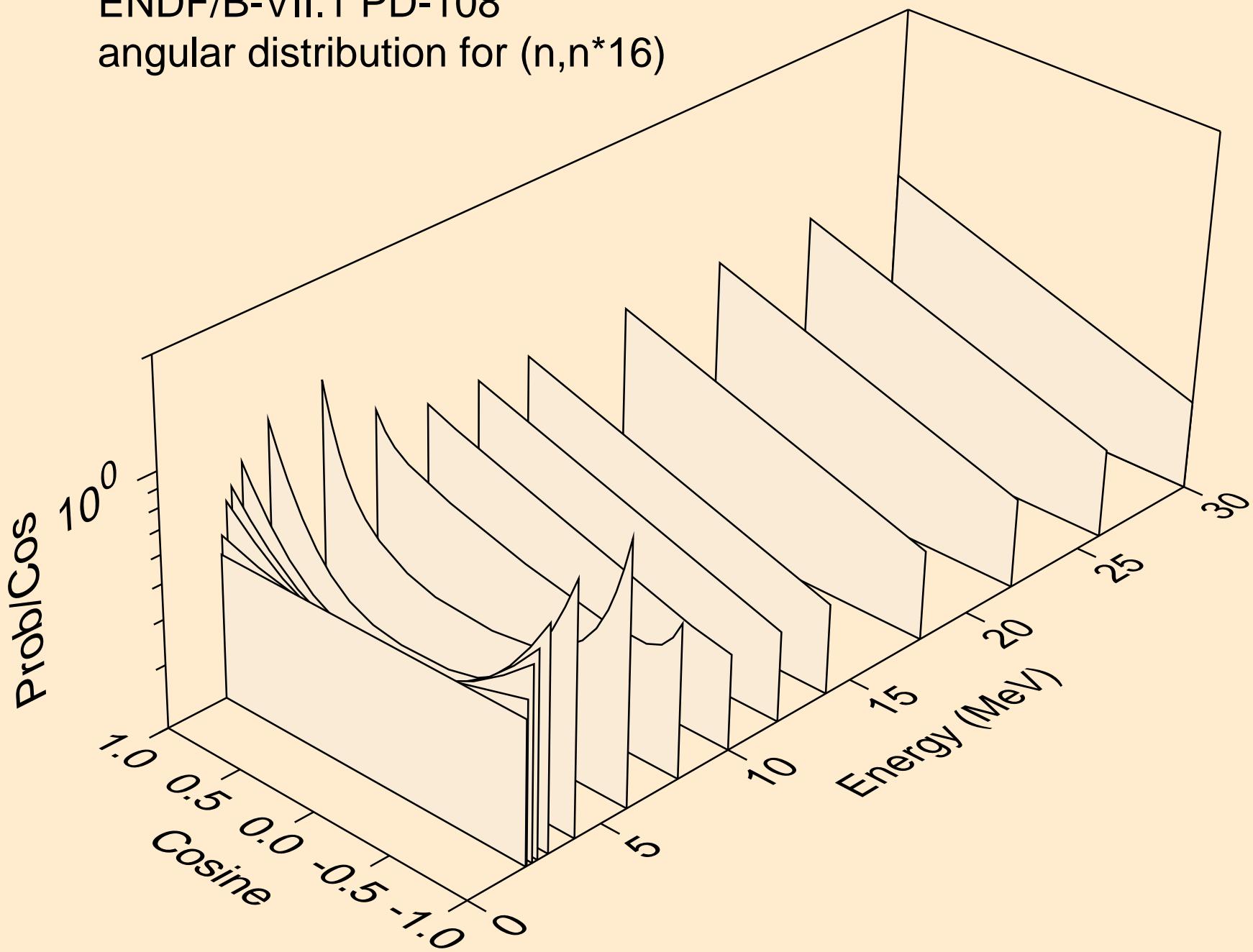
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angular distribution for  $(n,n^*14)$



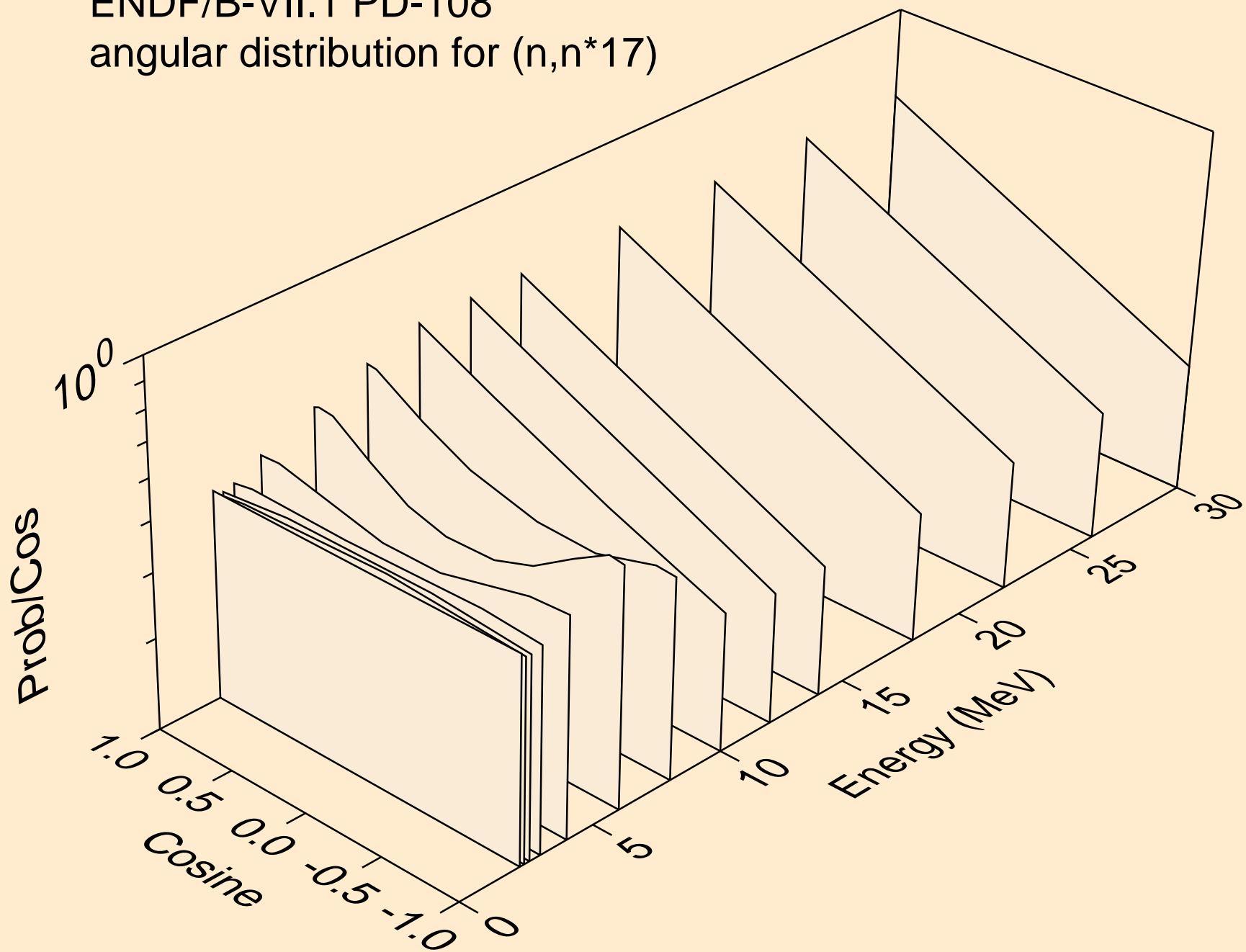
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angular distribution for  $(n,n^*15)$



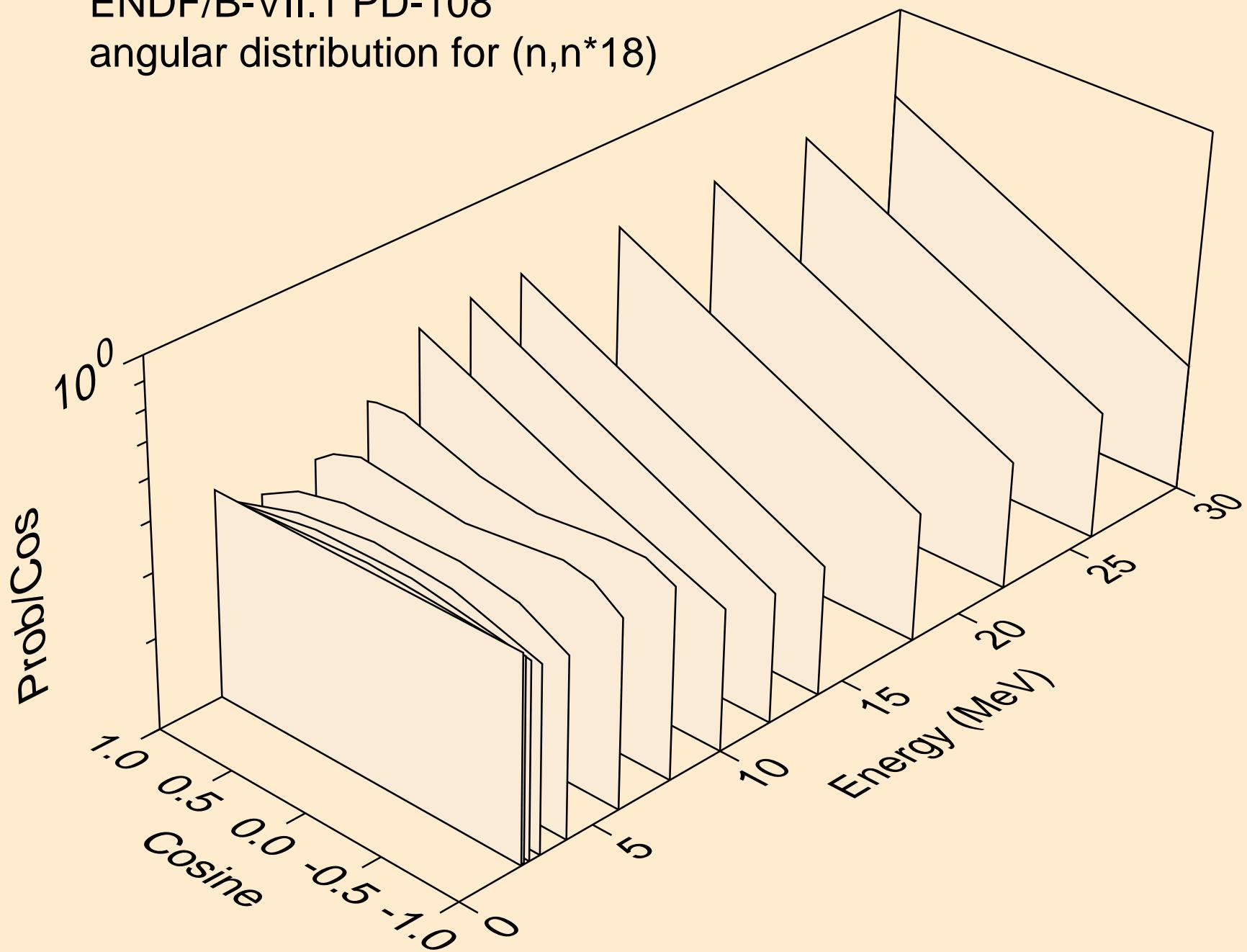
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angular distribution for  $(n,n^*16)$



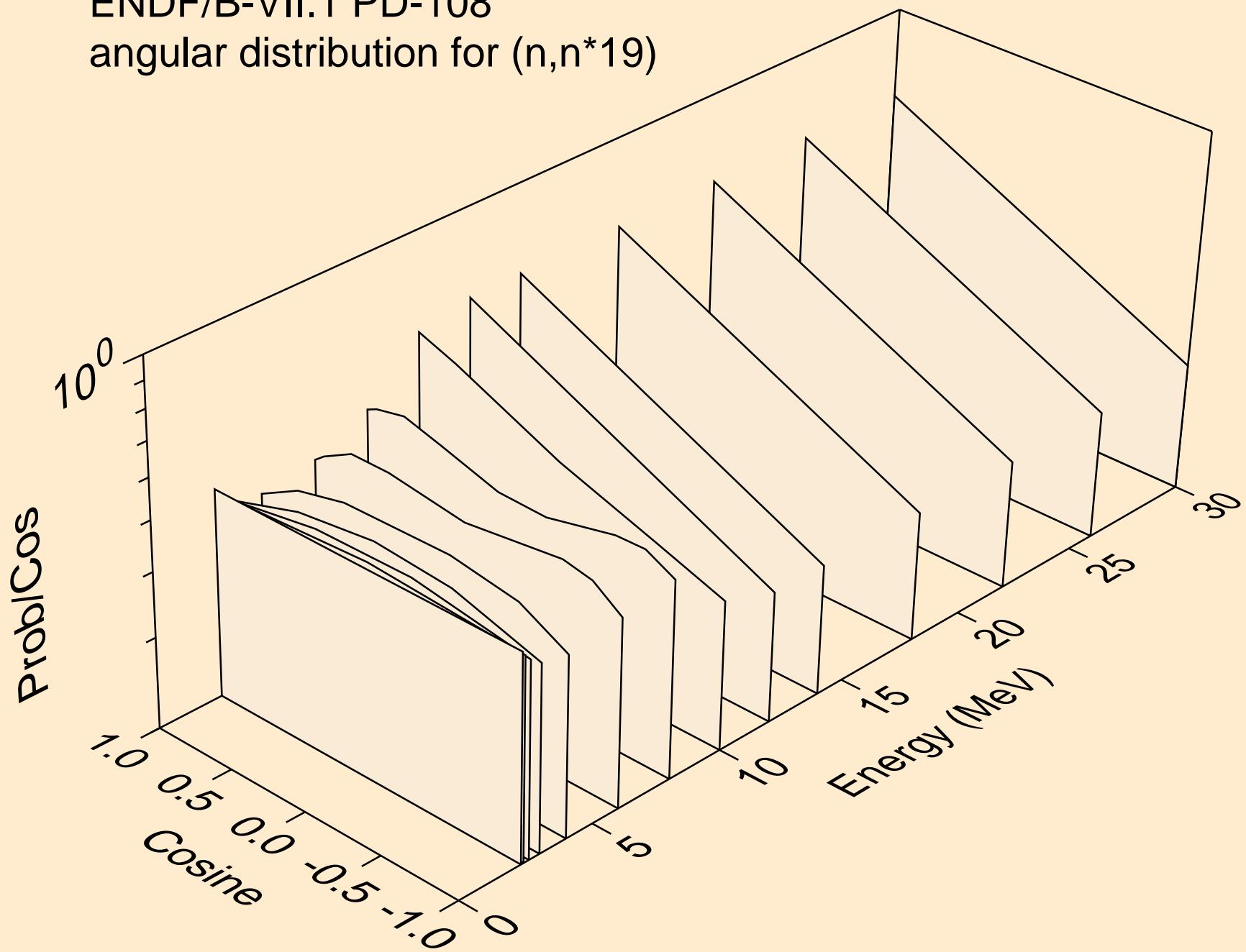
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angular distribution for  $(n,n^*17)$



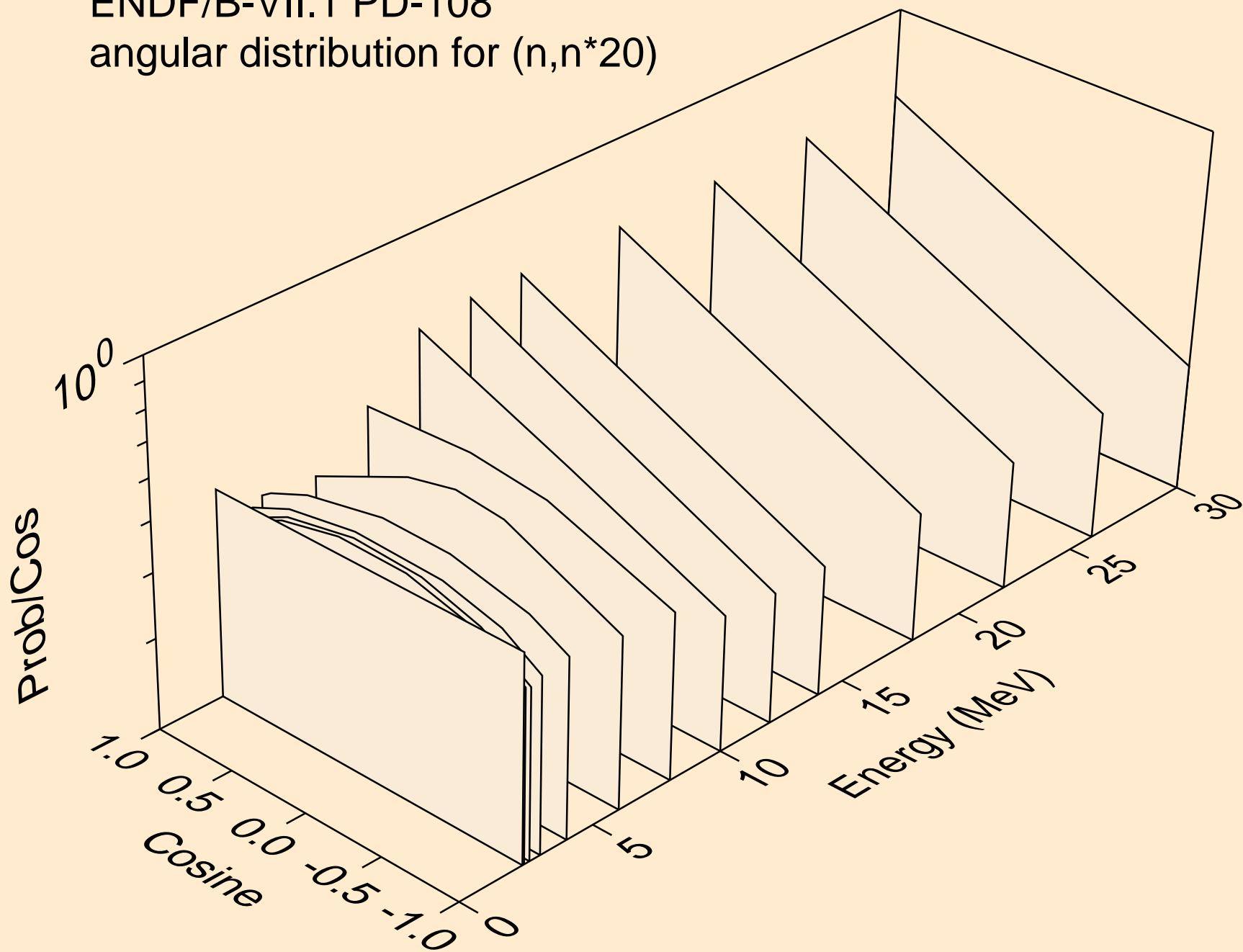
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angular distribution for  $(n,n^*18)$



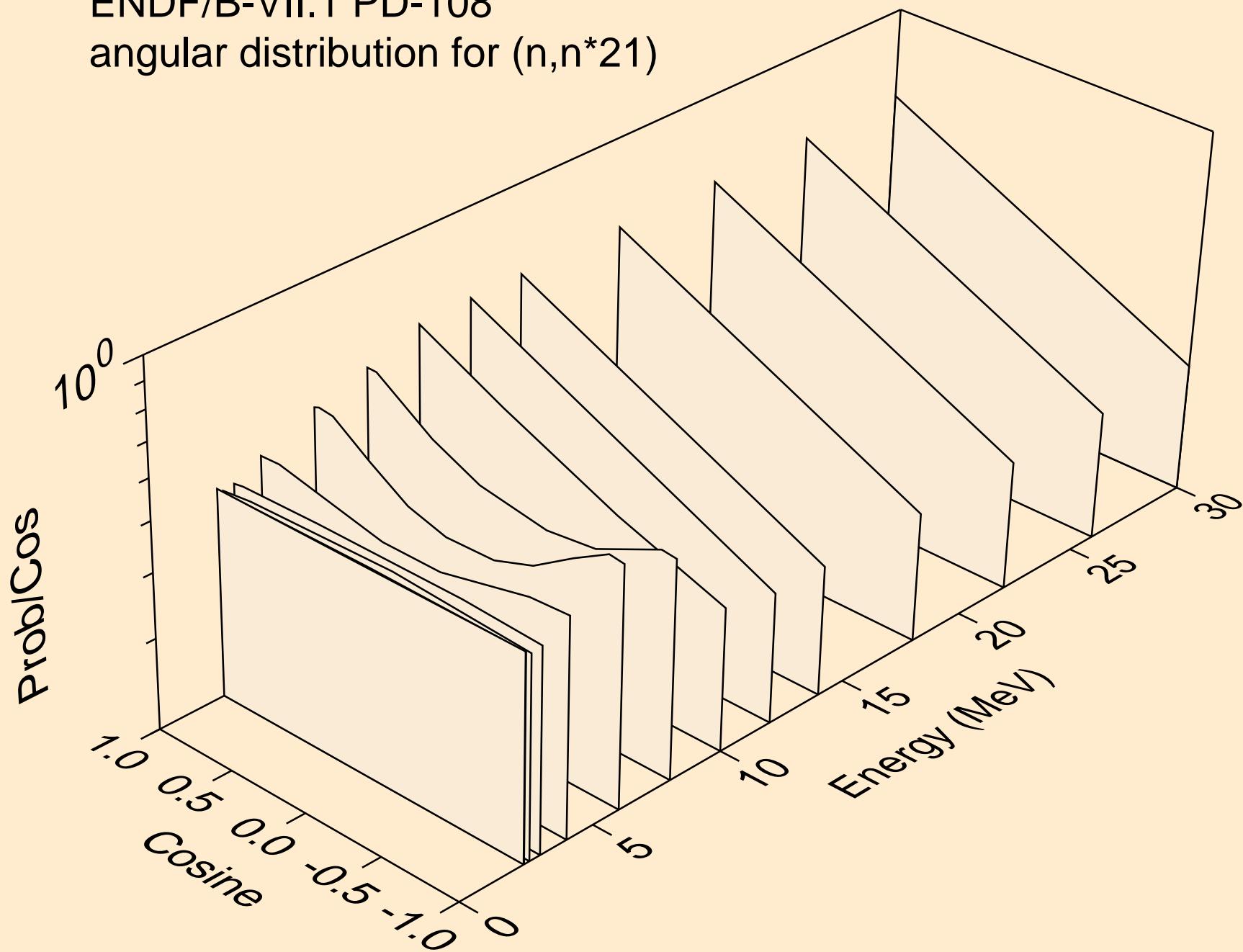
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angular distribution for (n,n\*19)



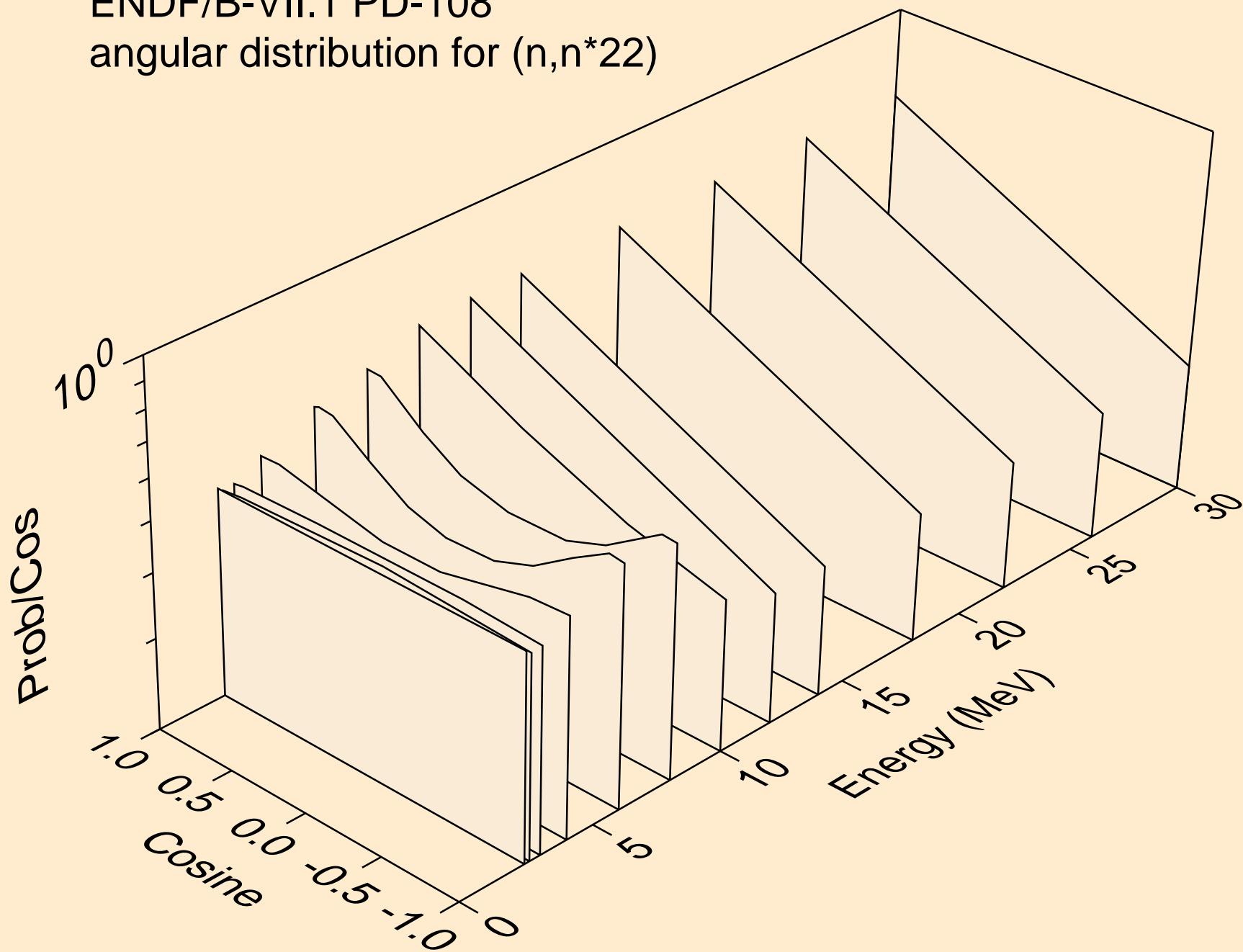
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angular distribution for (n,n\*20)



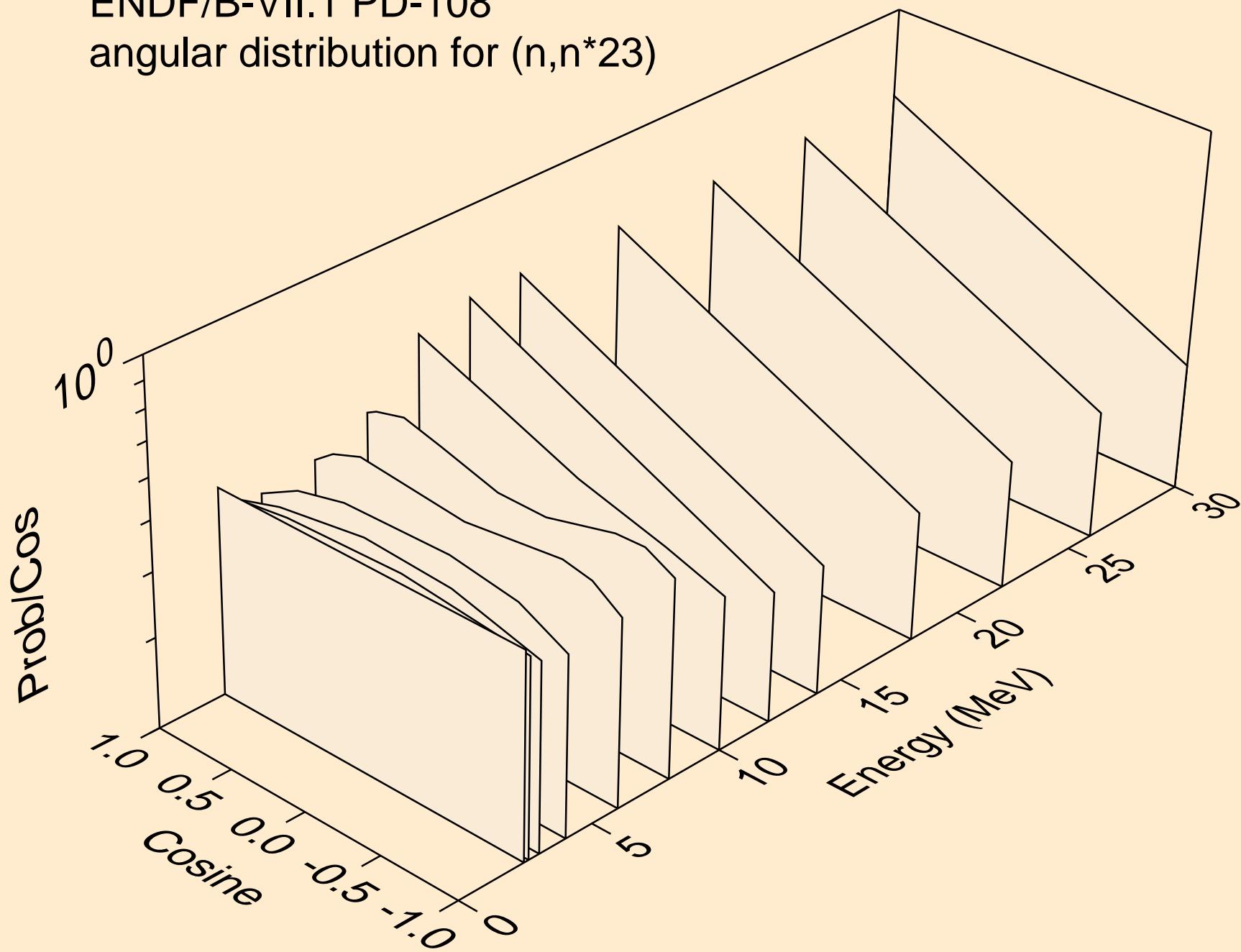
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angular distribution for (n,n\*21)



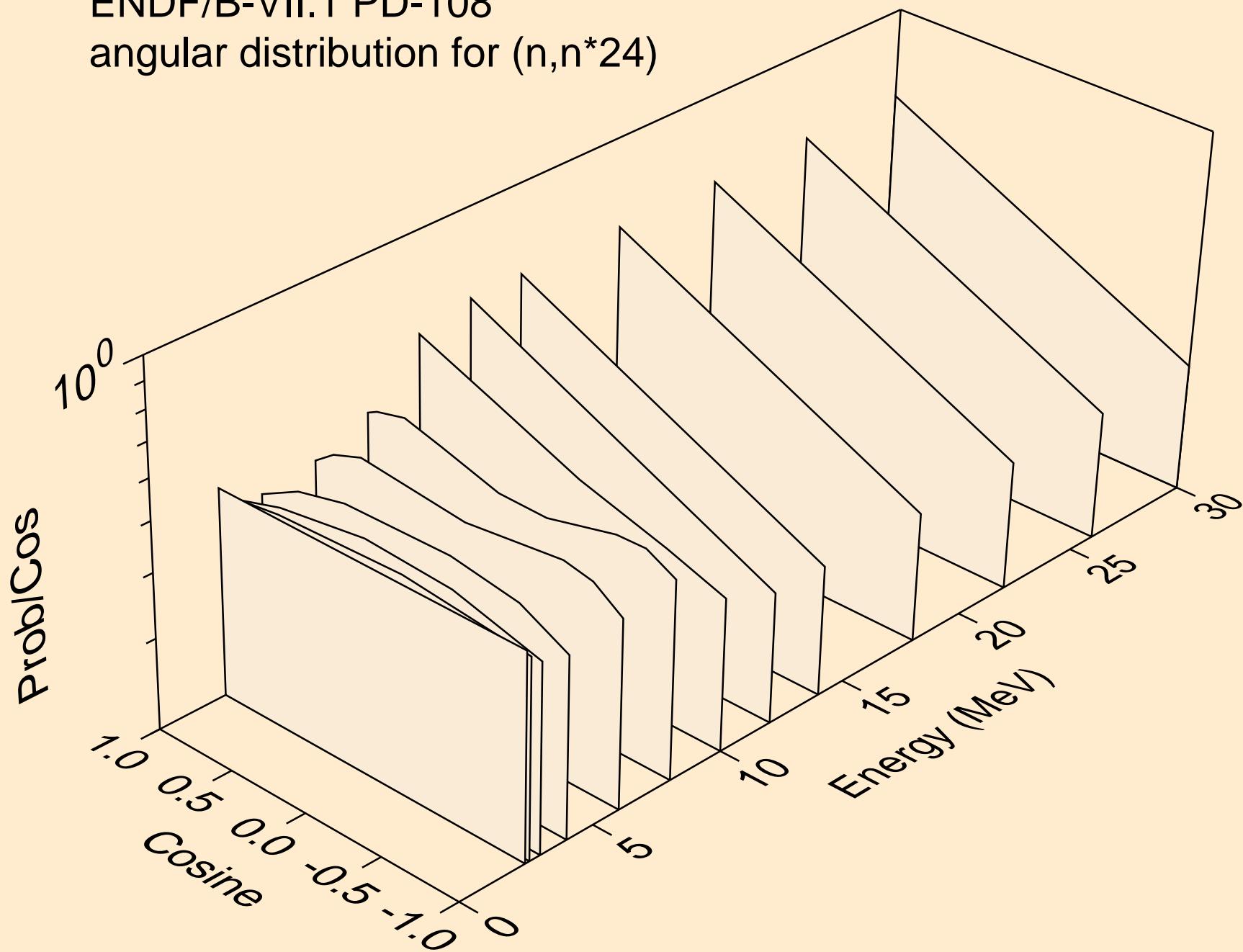
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angular distribution for  $(n,n^*)_{22}$



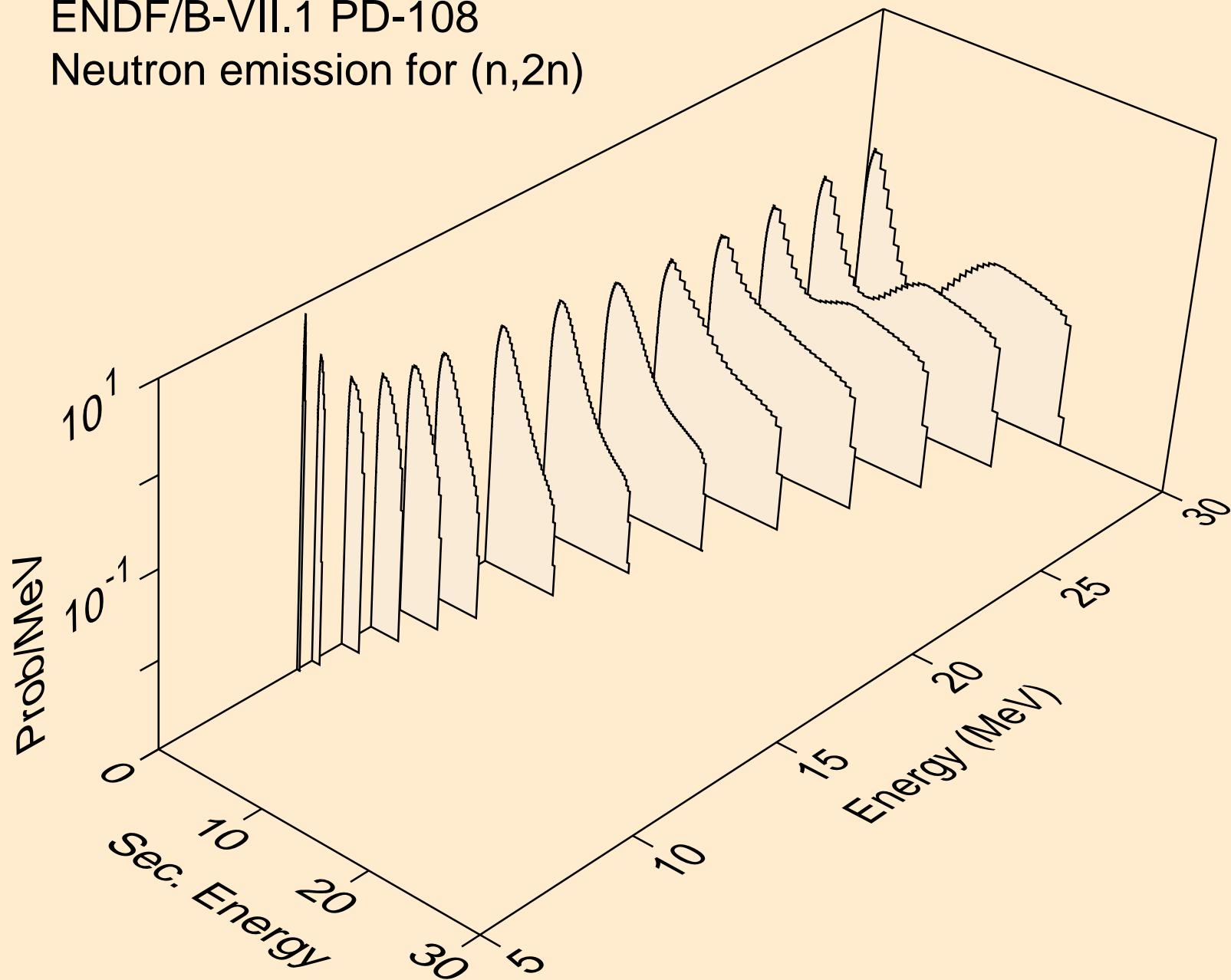
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angular distribution for (n,n\*23)



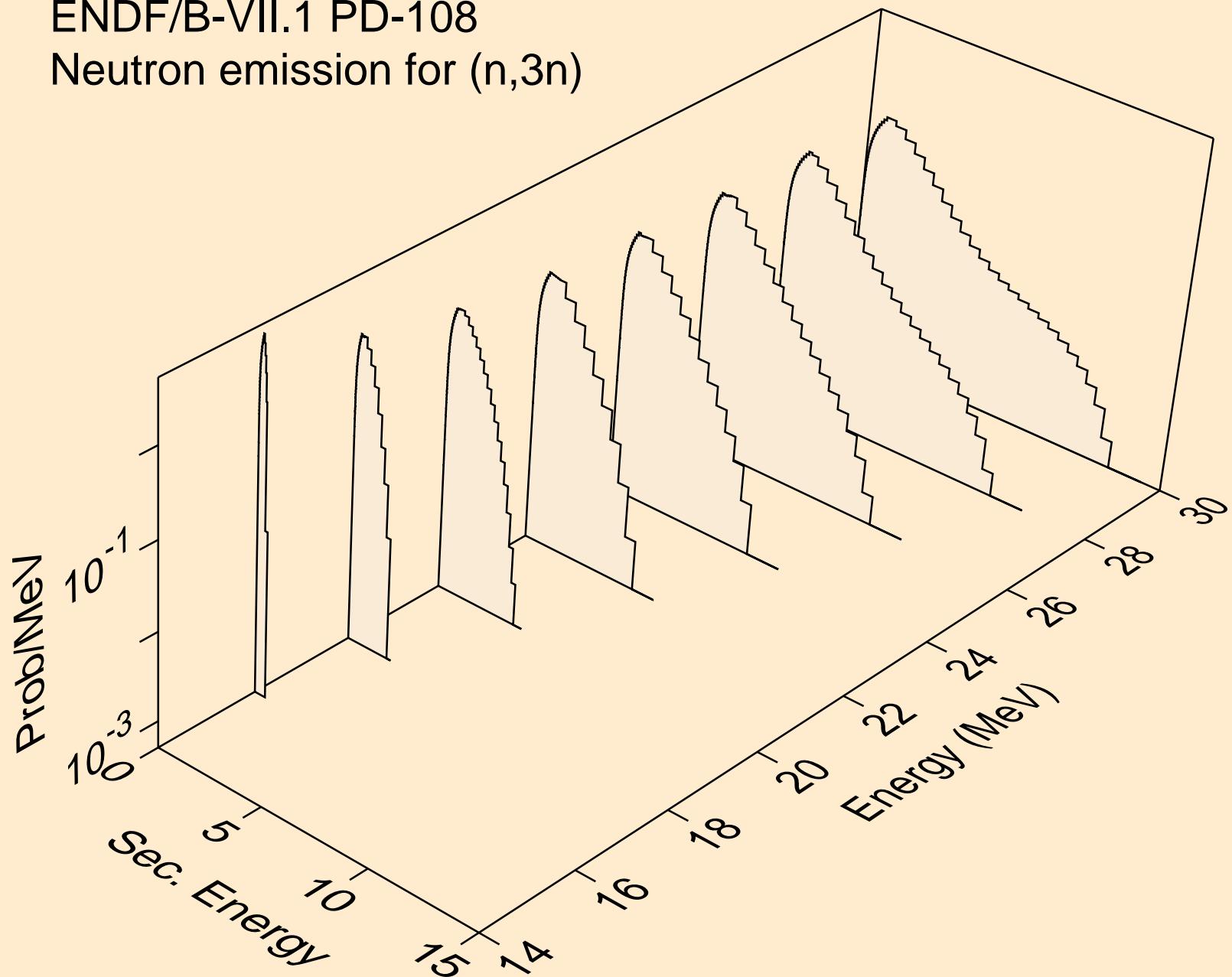
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angular distribution for (n,n\*24)



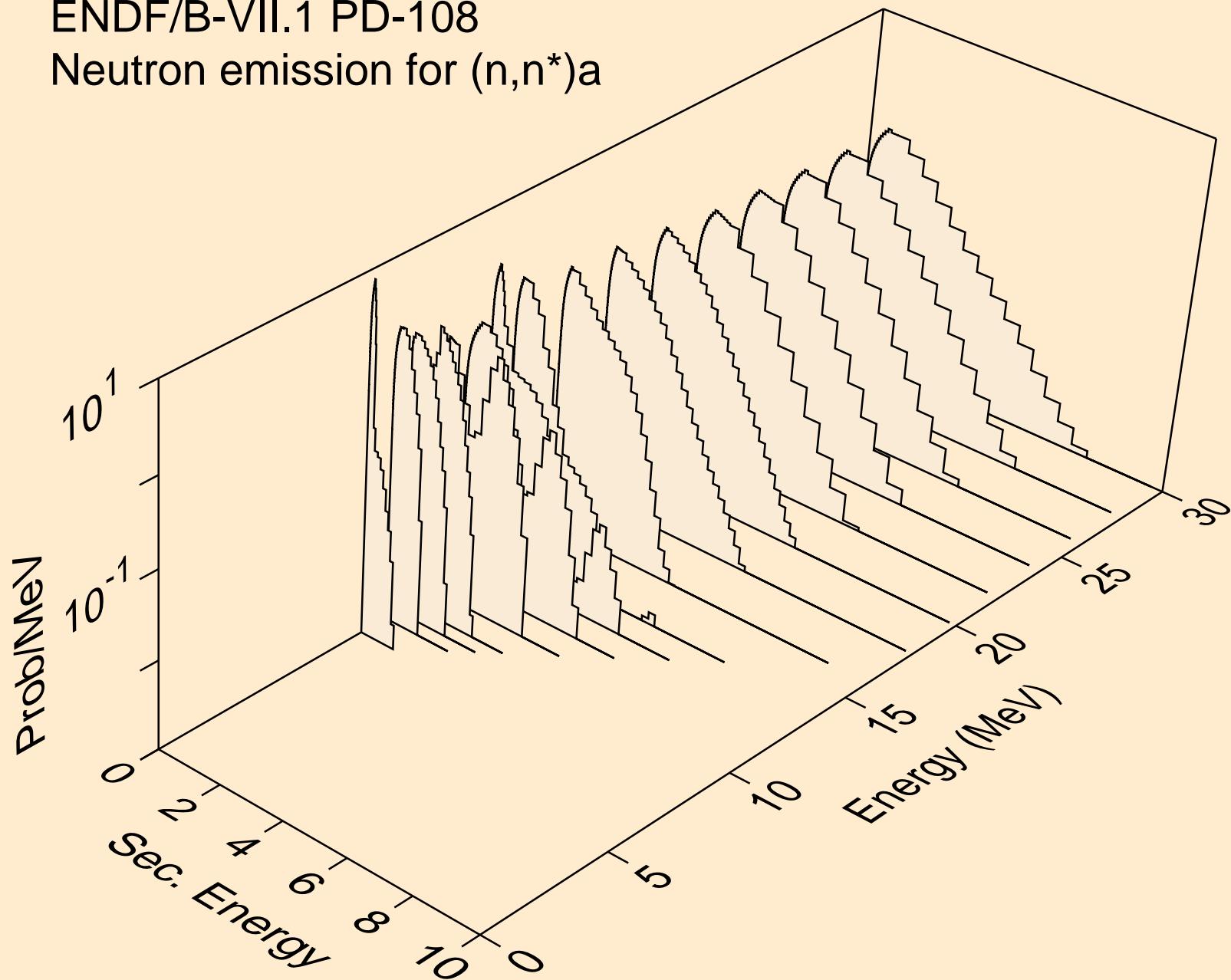
ENDF/B-VII.1 PD-108  
Neutron emission for (n,2n)



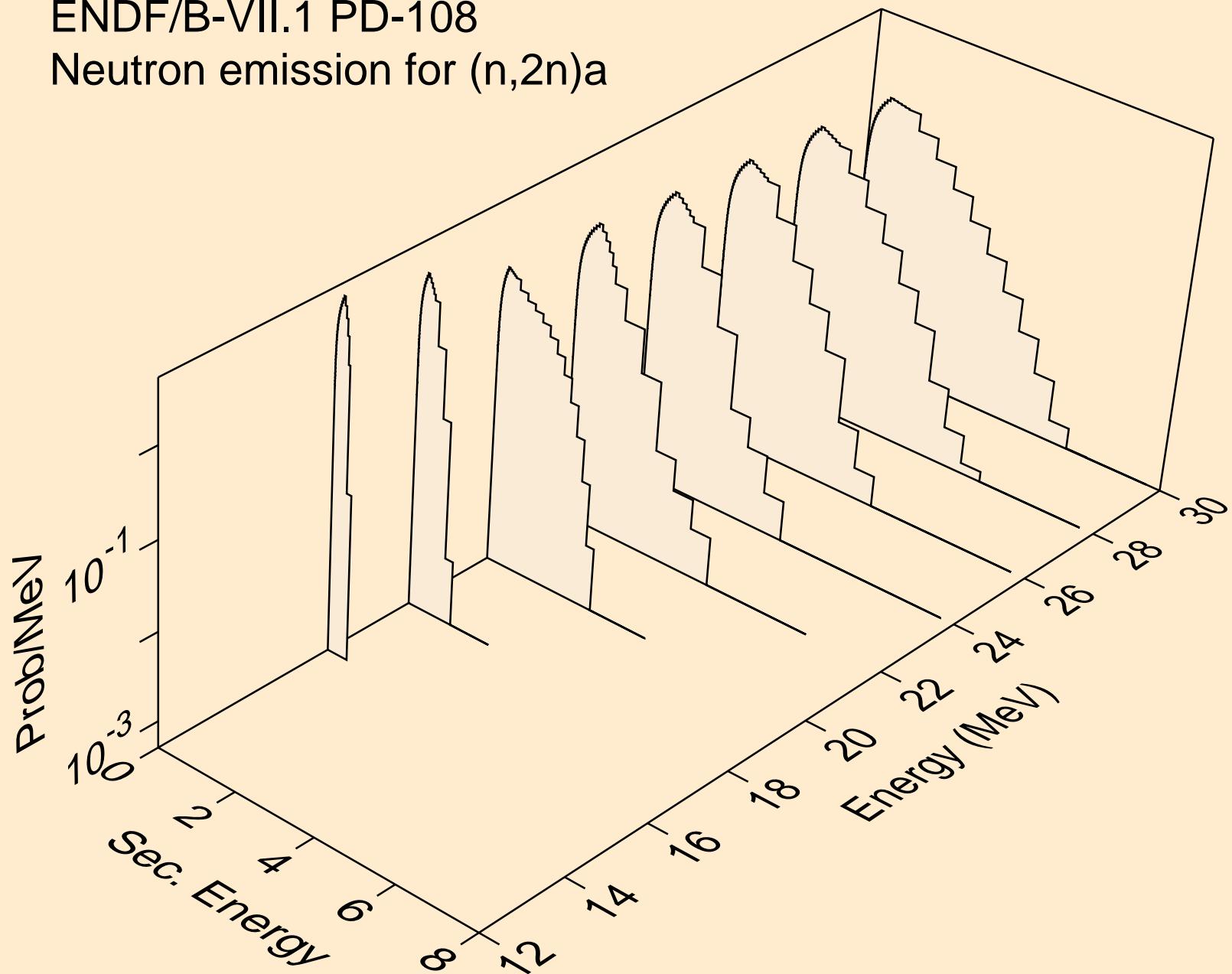
ENDF/B-VII.1 PD-108  
Neutron emission for (n,3n)



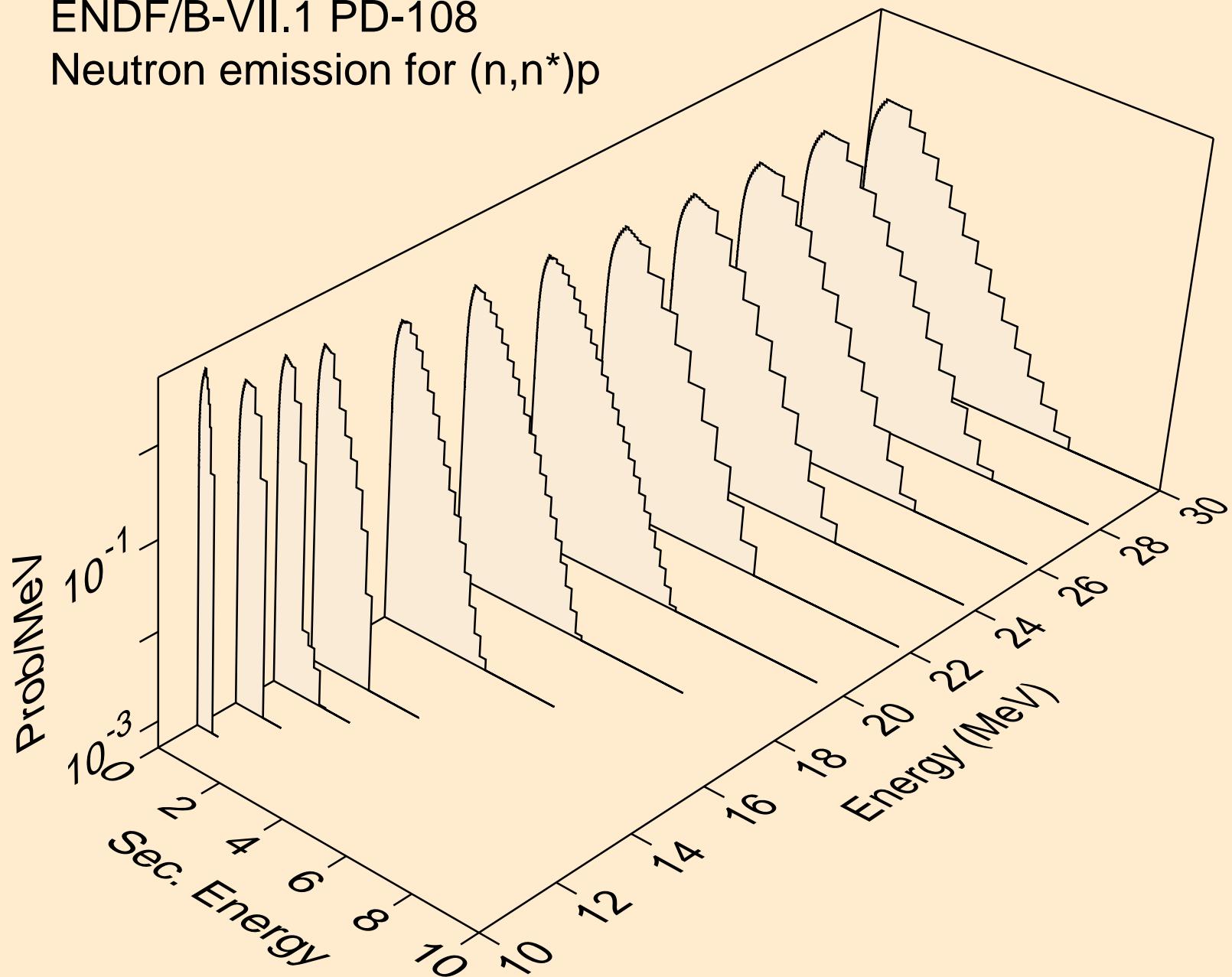
ENDF/B-VII.1 PD-108  
Neutron emission for  $(n,n^*)a$



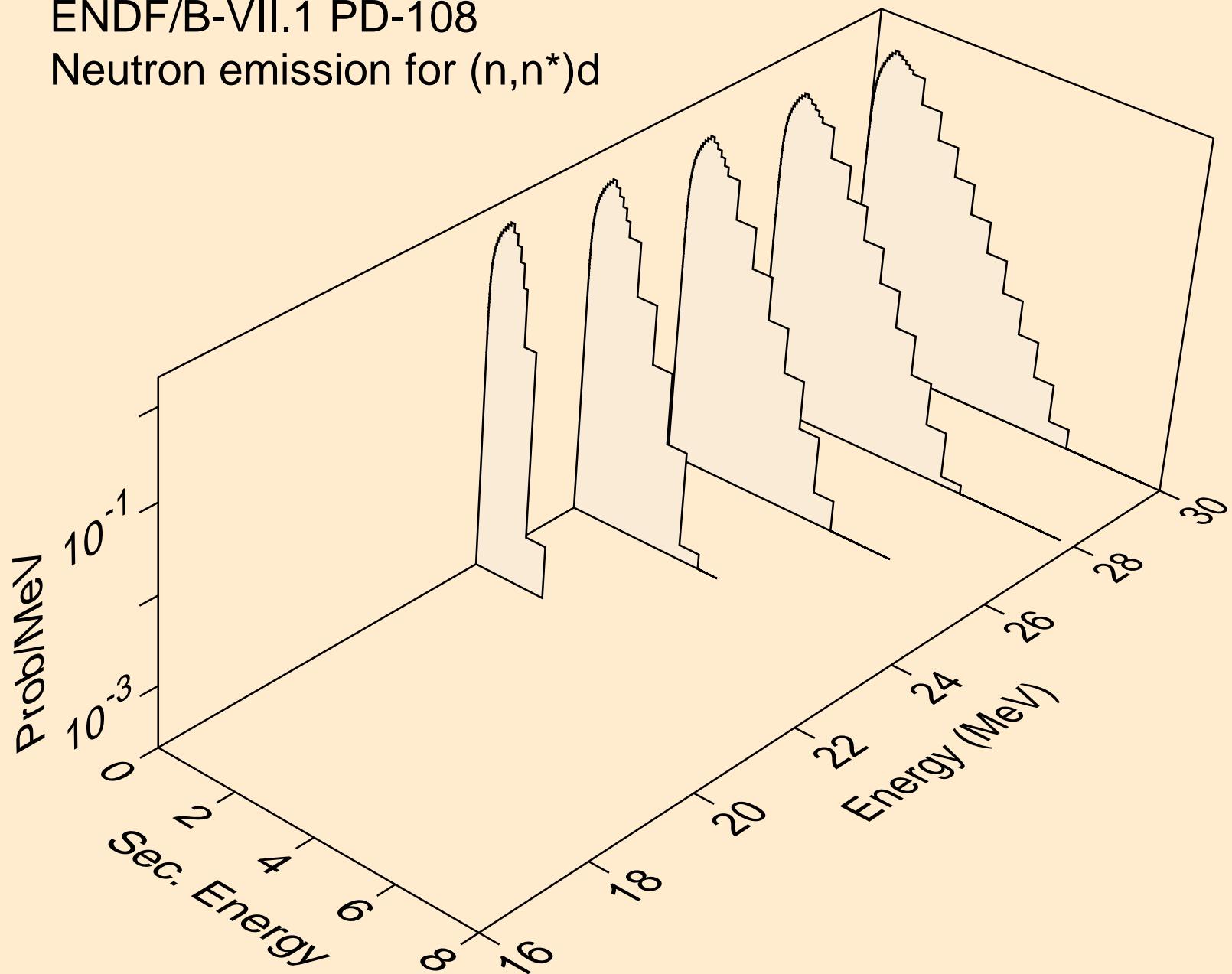
ENDF/B-VII.1 PD-108  
Neutron emission for  $(n,2n)a$



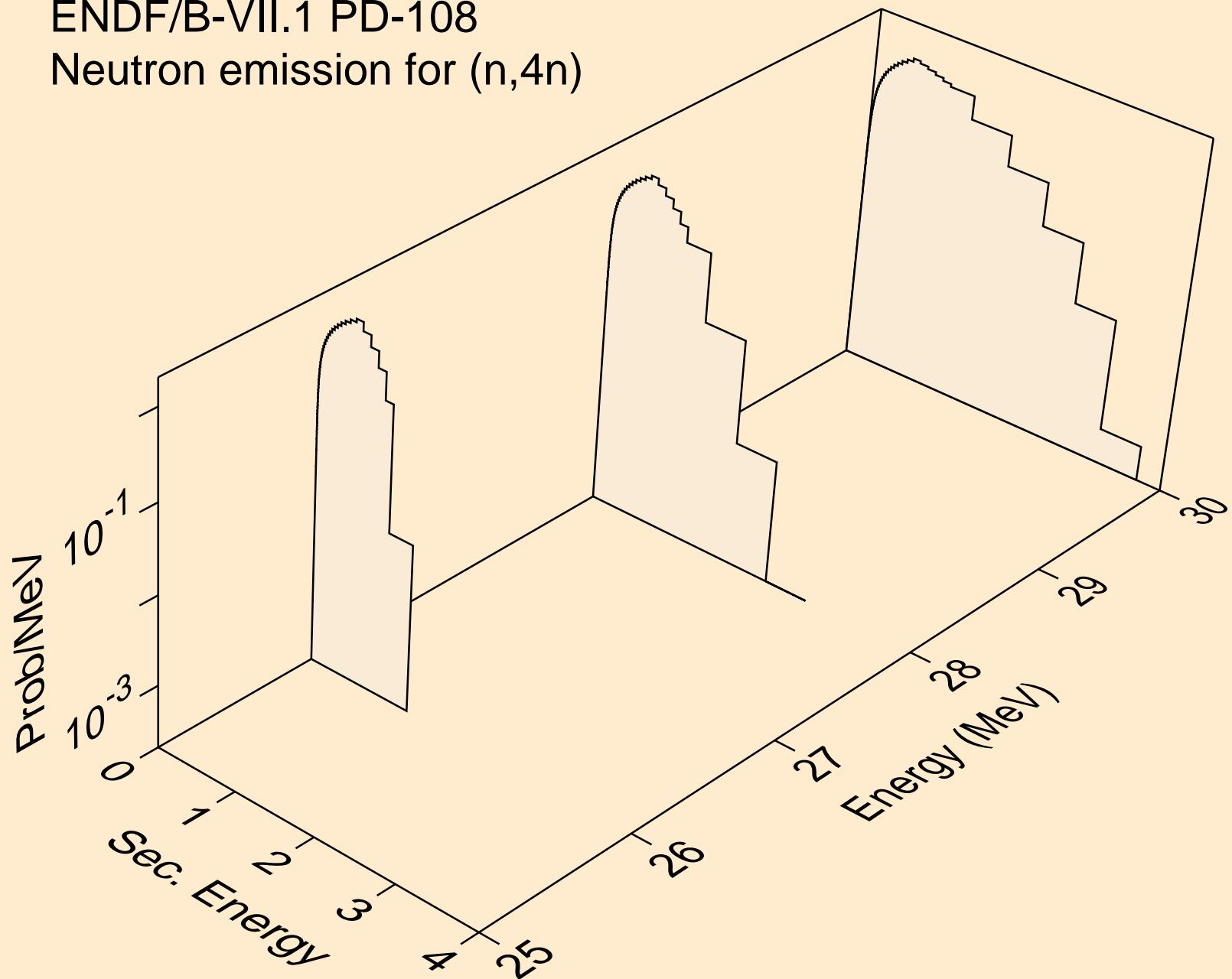
ENDF/B-VII.1 PD-108  
Neutron emission for  $(n,n^*)p$



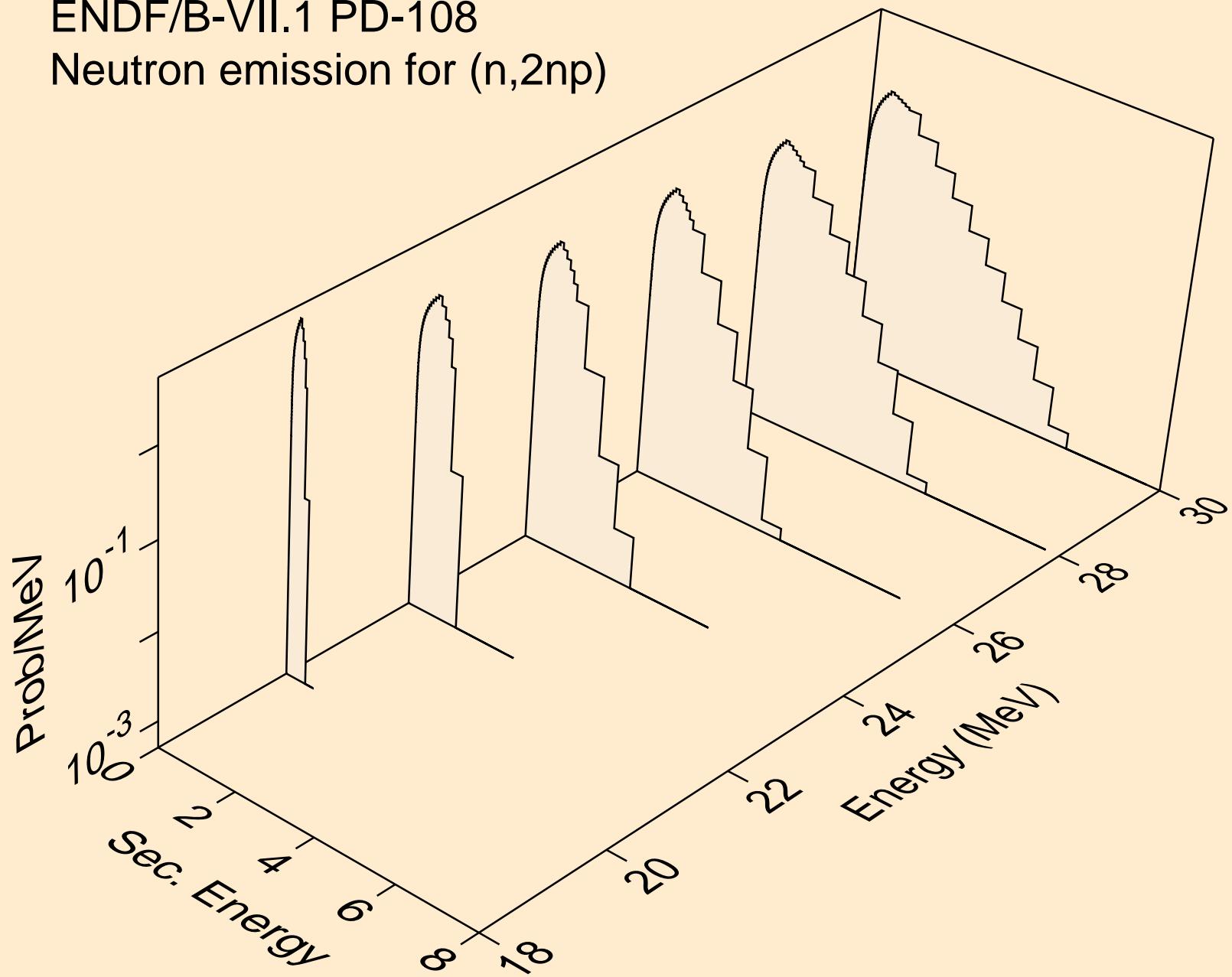
ENDF/B-VII.1 PD-108  
Neutron emission for  $(n,n^*)d$



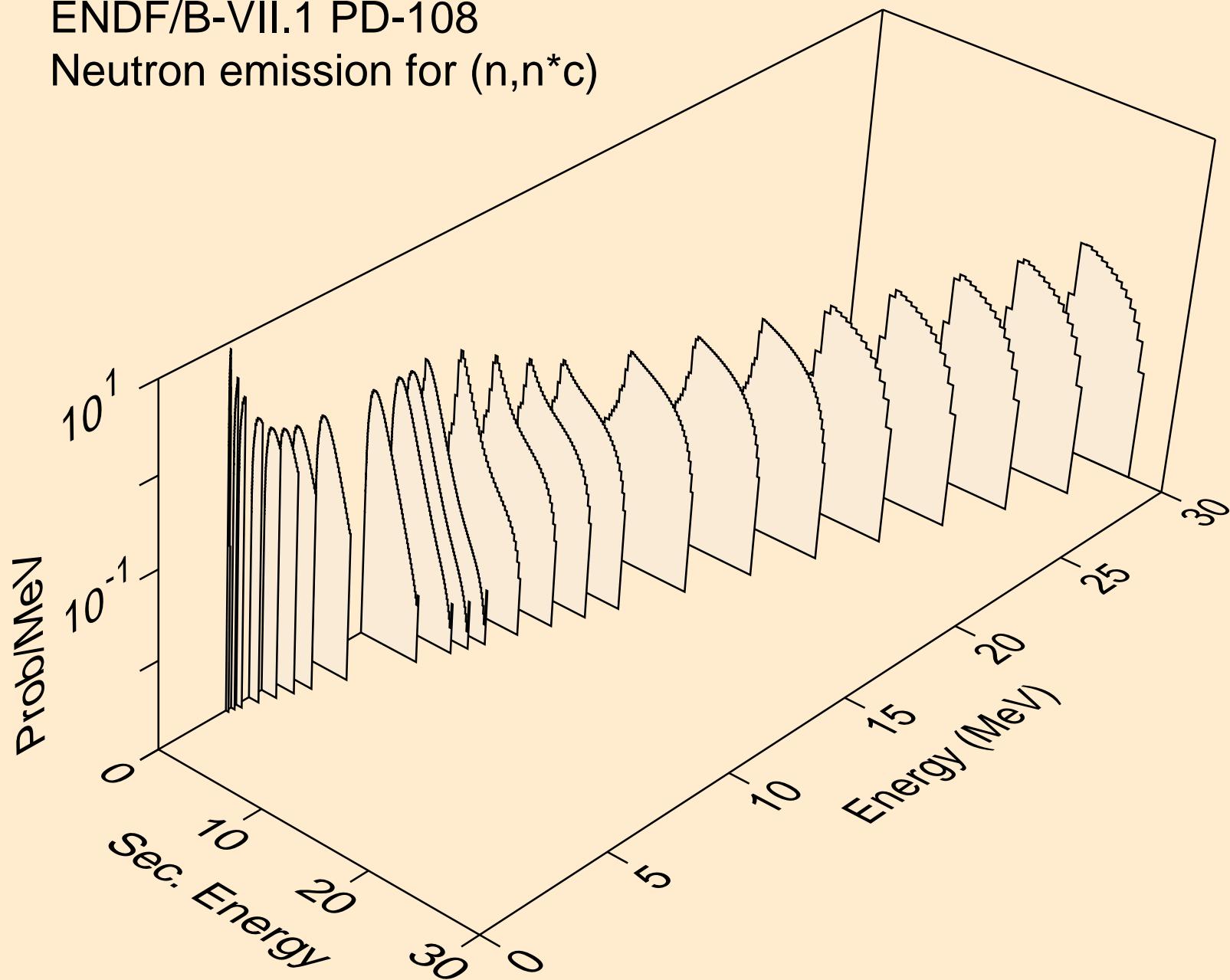
ENDF/B-VII.1 PD-108  
Neutron emission for (n,4n)



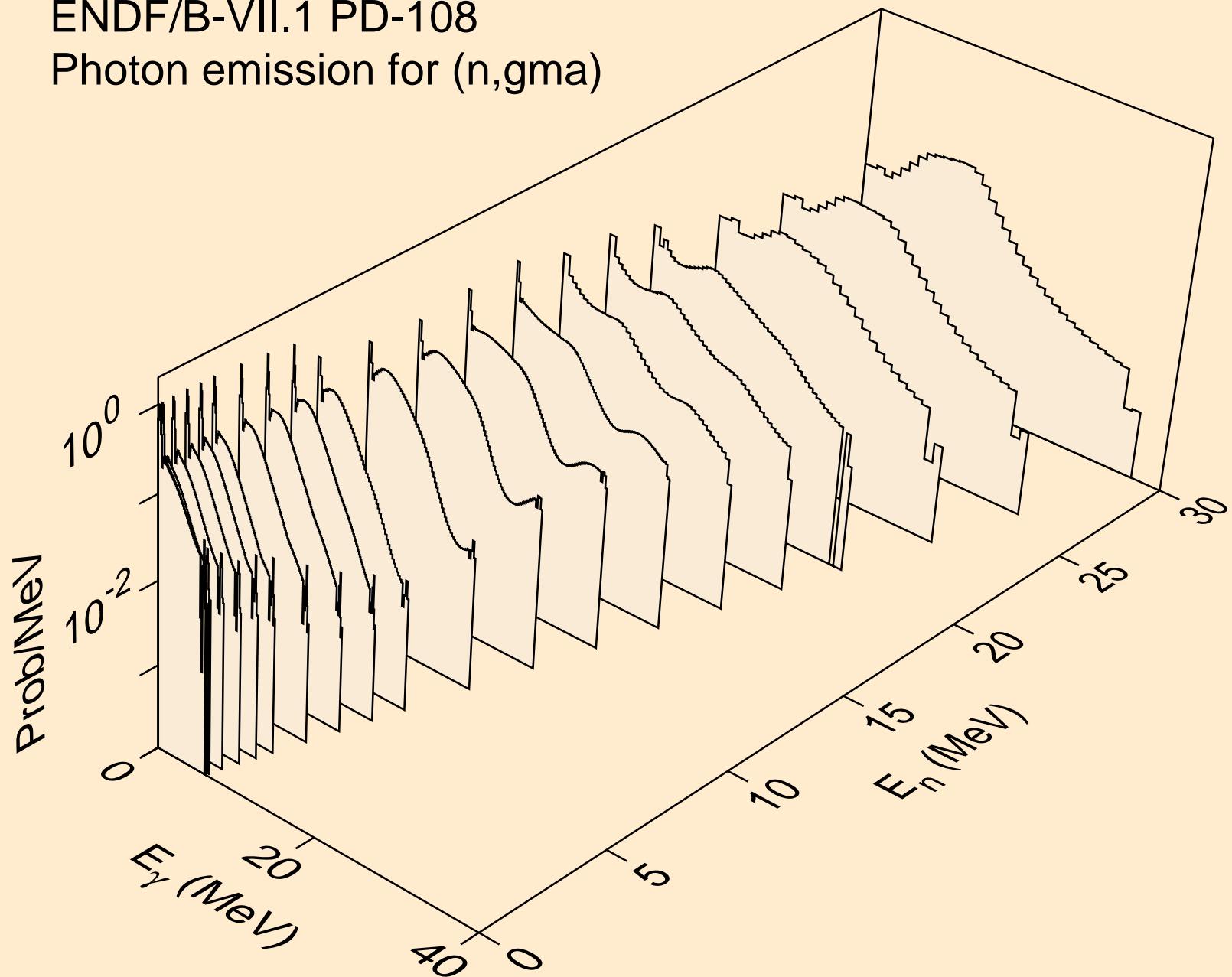
ENDF/B-VII.1 PD-108  
Neutron emission for (n,2np)



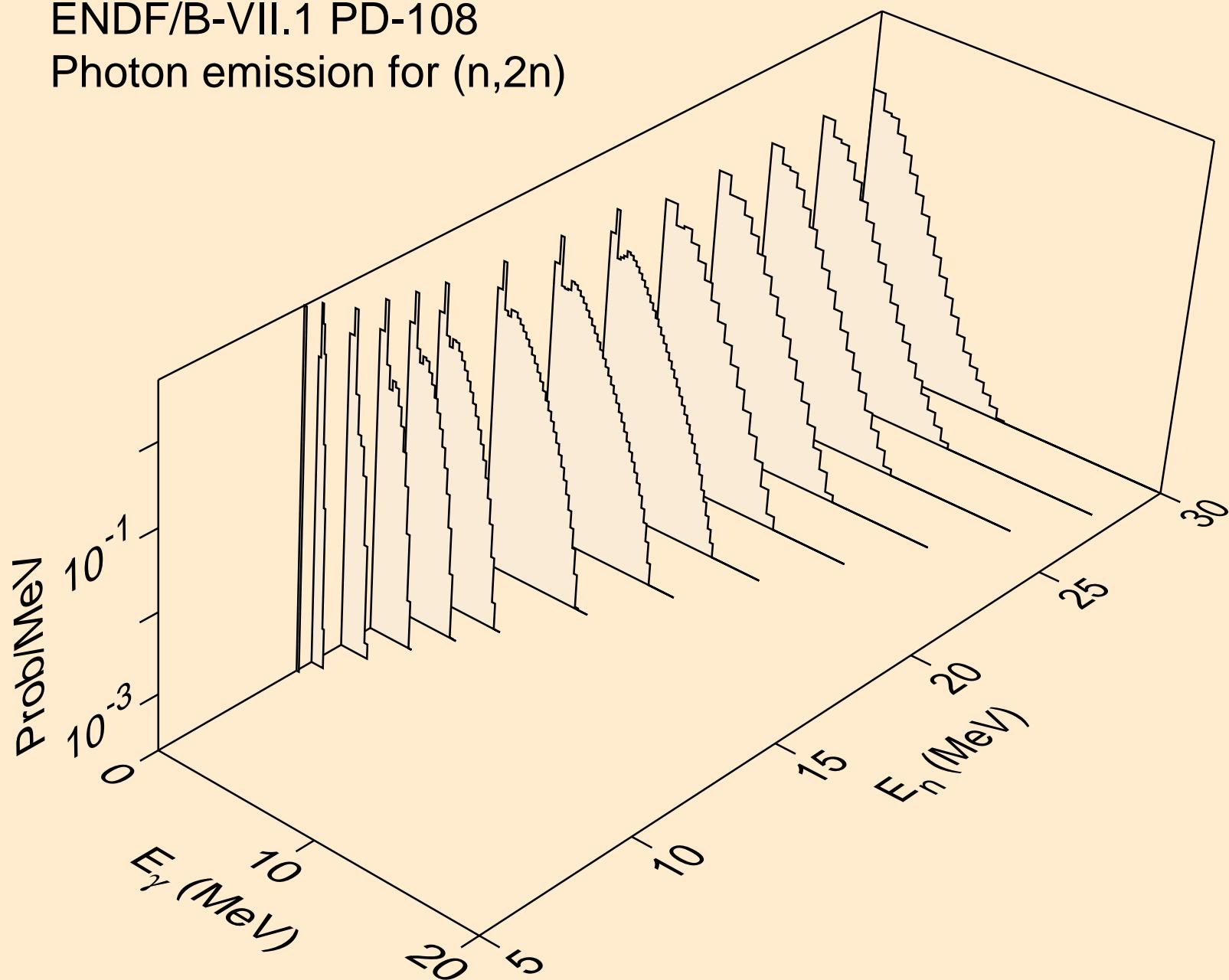
ENDF/B-VII.1 PD-108  
Neutron emission for  $(n,n^*c)$



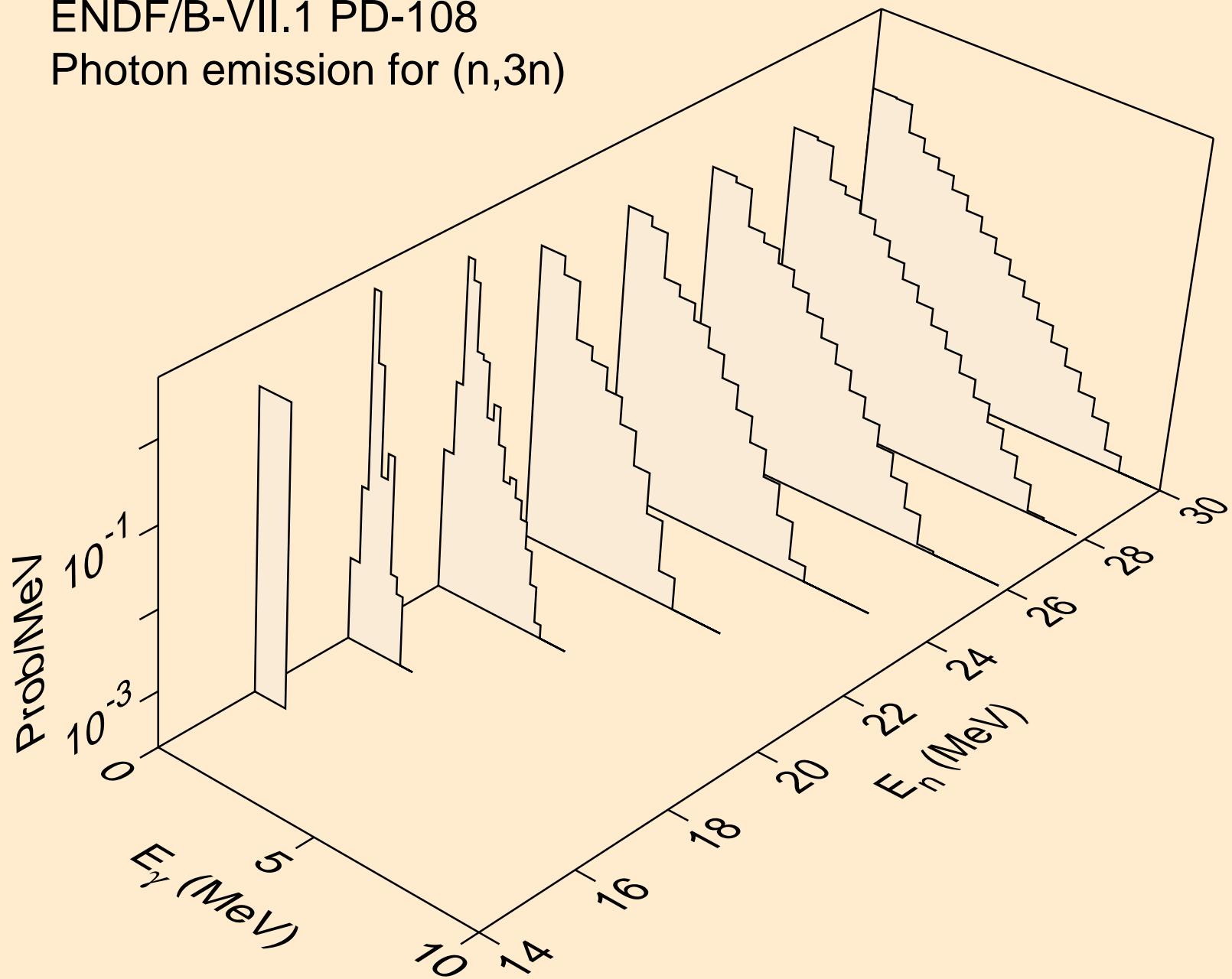
ENDF/B-VII.1 PD-108  
Photon emission for (n,gma)



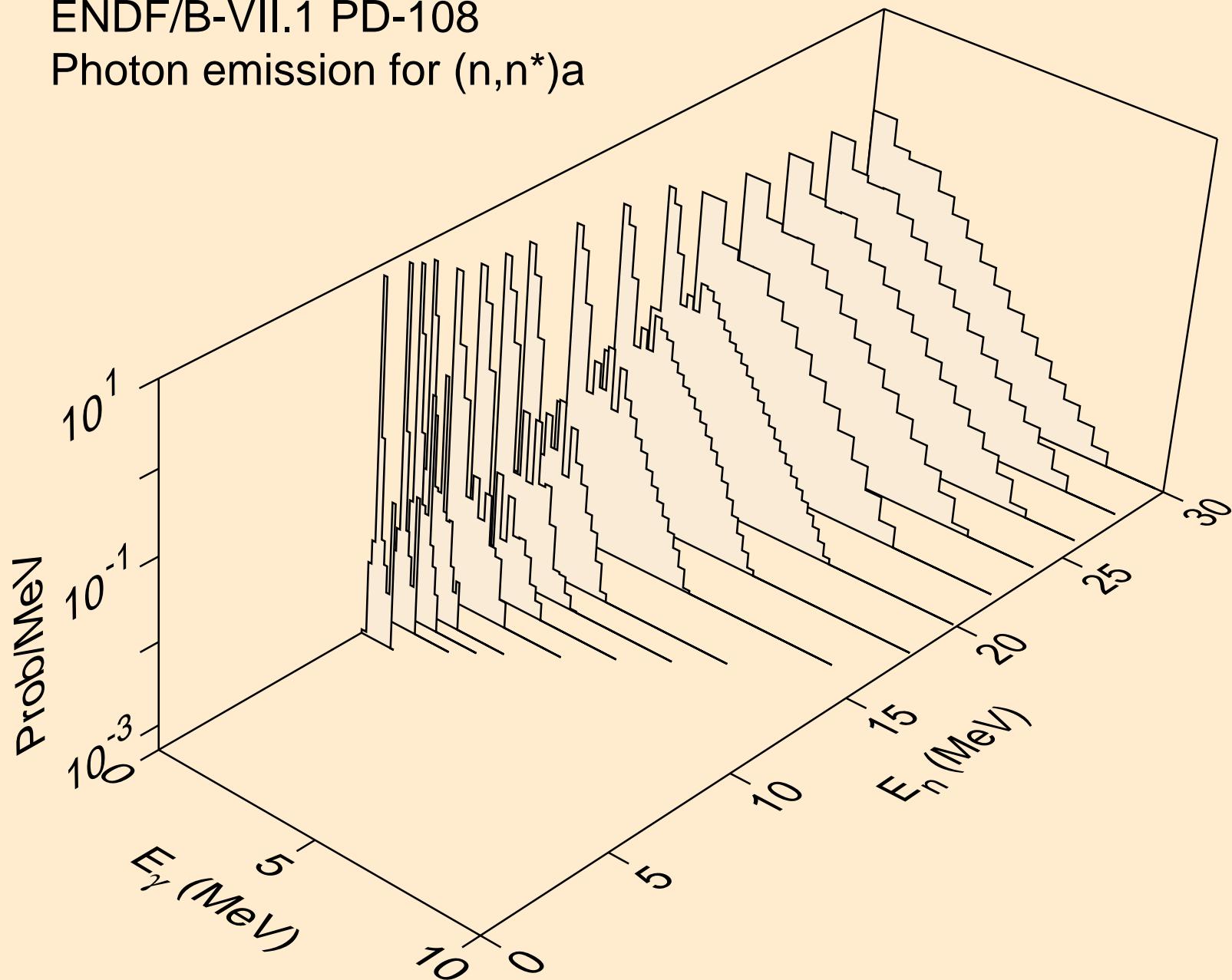
ENDF/B-VII.1 PD-108  
Photon emission for (n,2n)



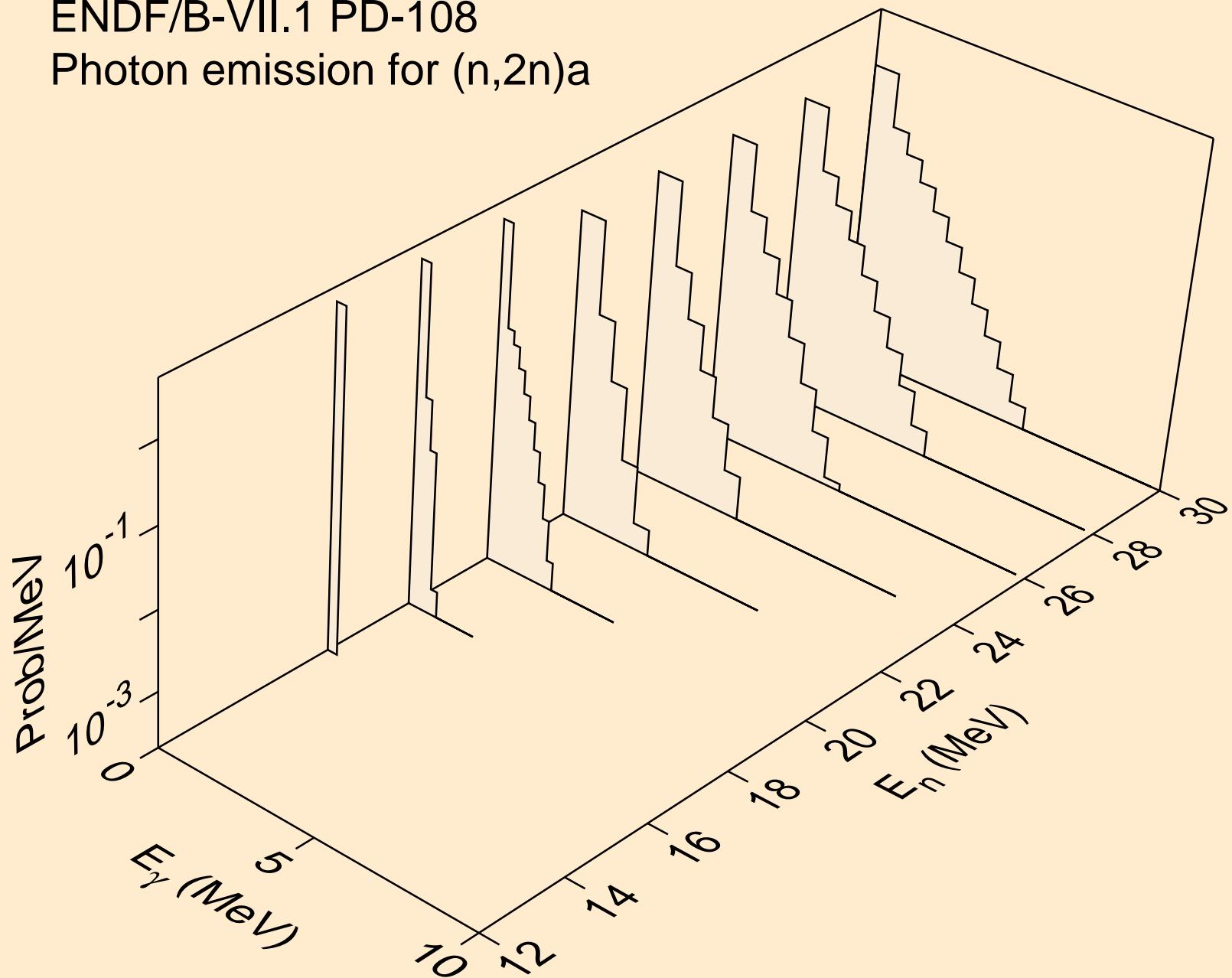
ENDF/B-VII.1 PD-108  
Photon emission for (n,3n)



ENDF/B-VII.1 PD-108  
Photon emission for  $(n,n^*)a$

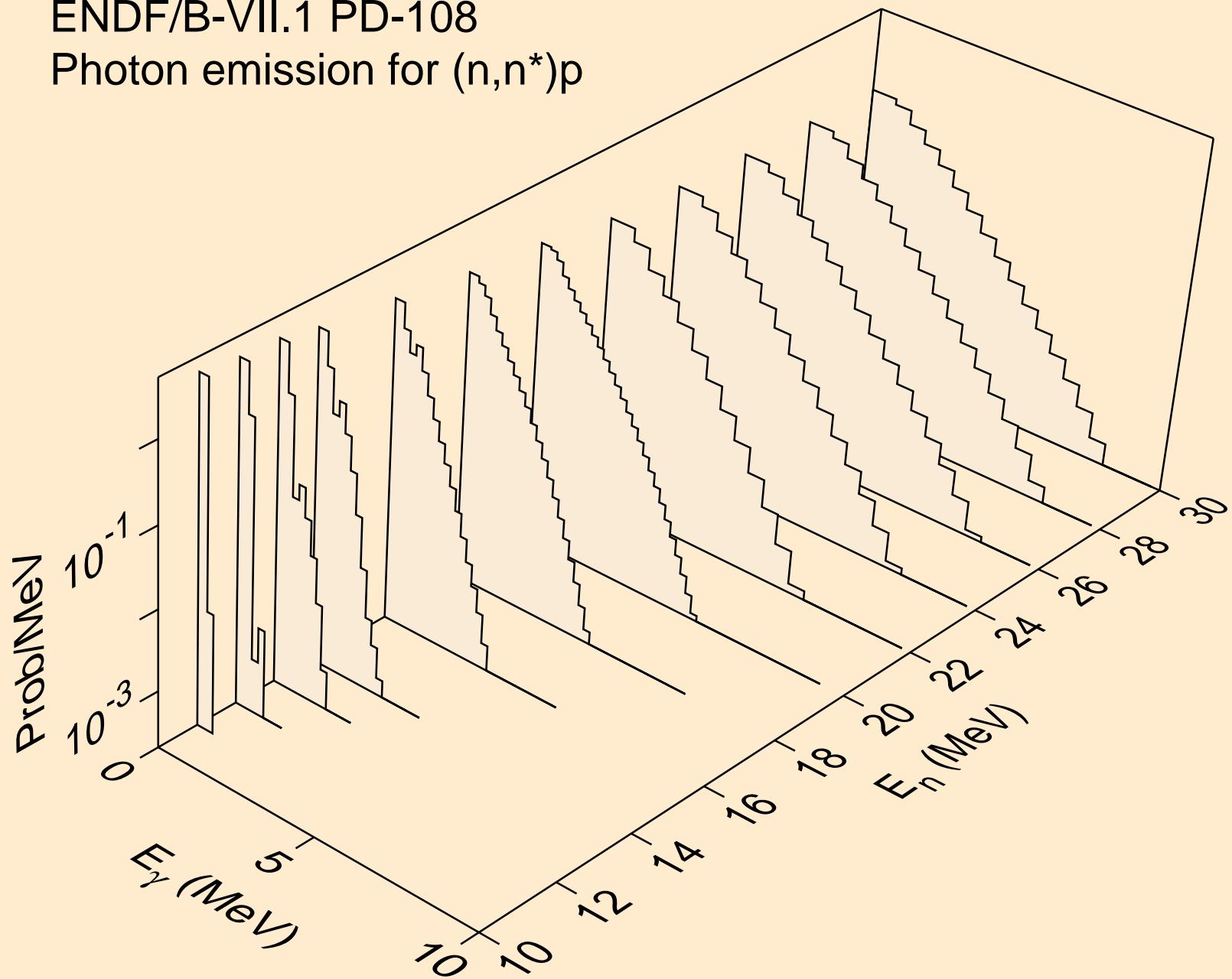


ENDF/B-VII.1 PD-108  
Photon emission for  $(n,2n)a$

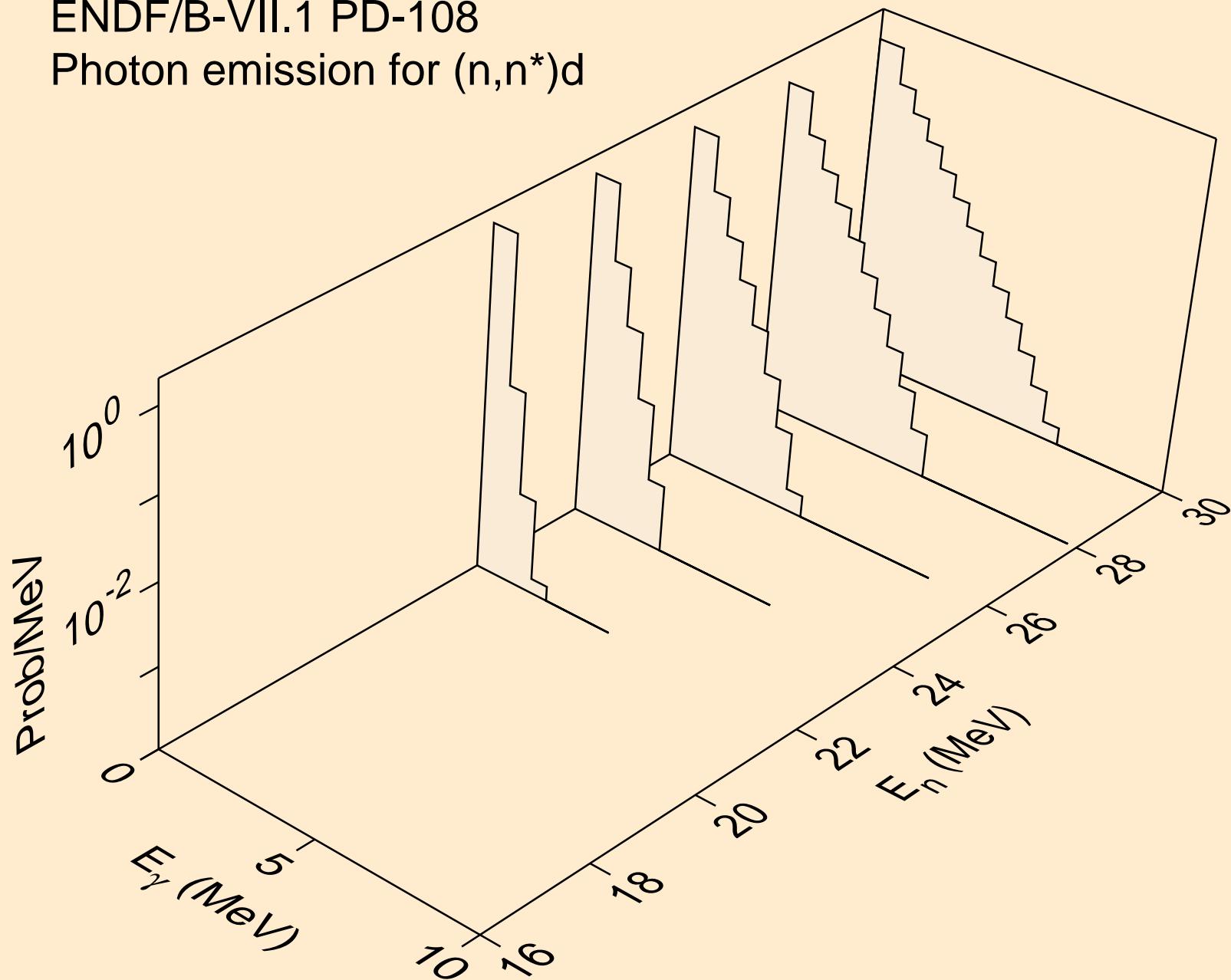


# ENDF/B-VII.1 PD-108

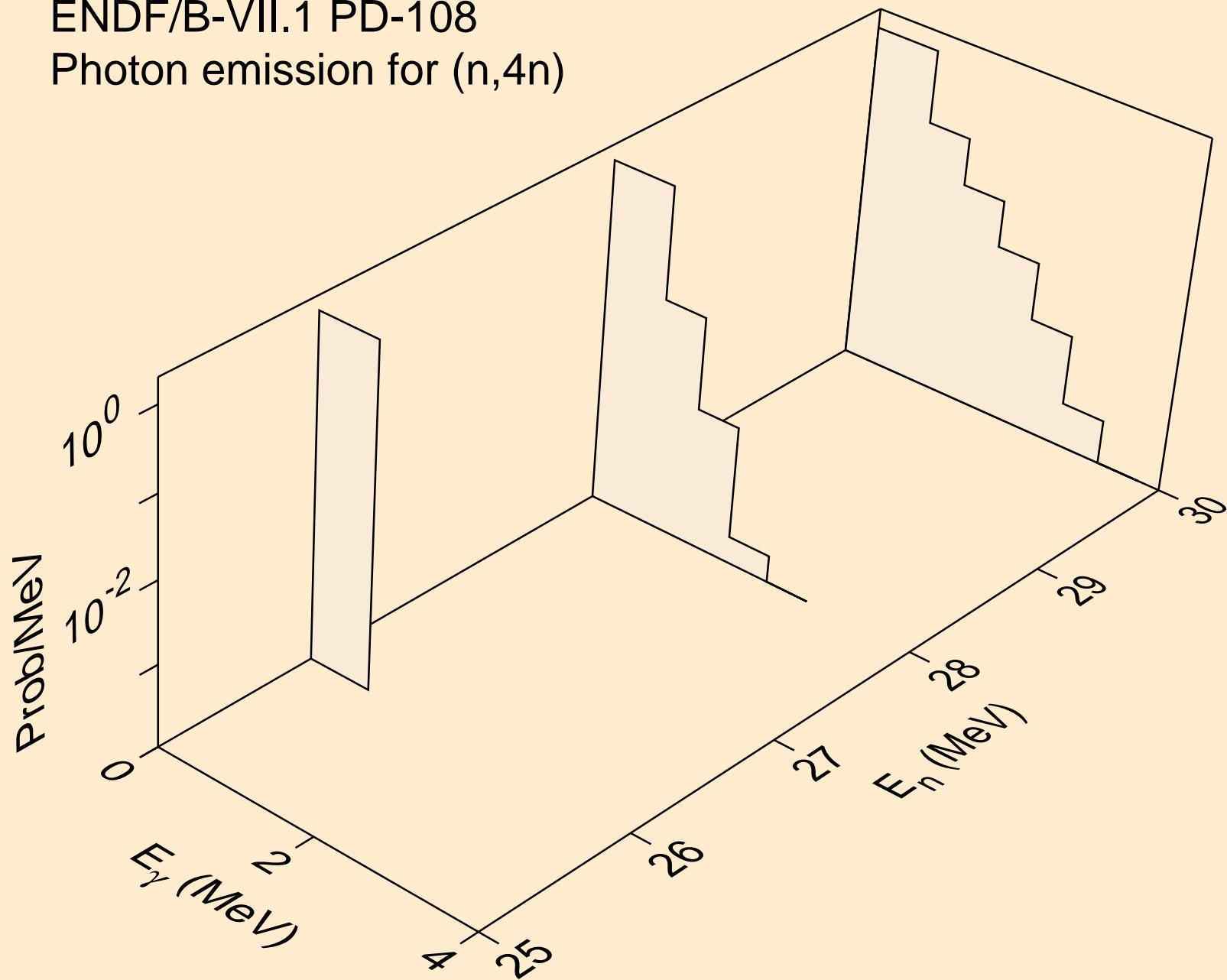
## Photon emission for $(n,n^*)p$



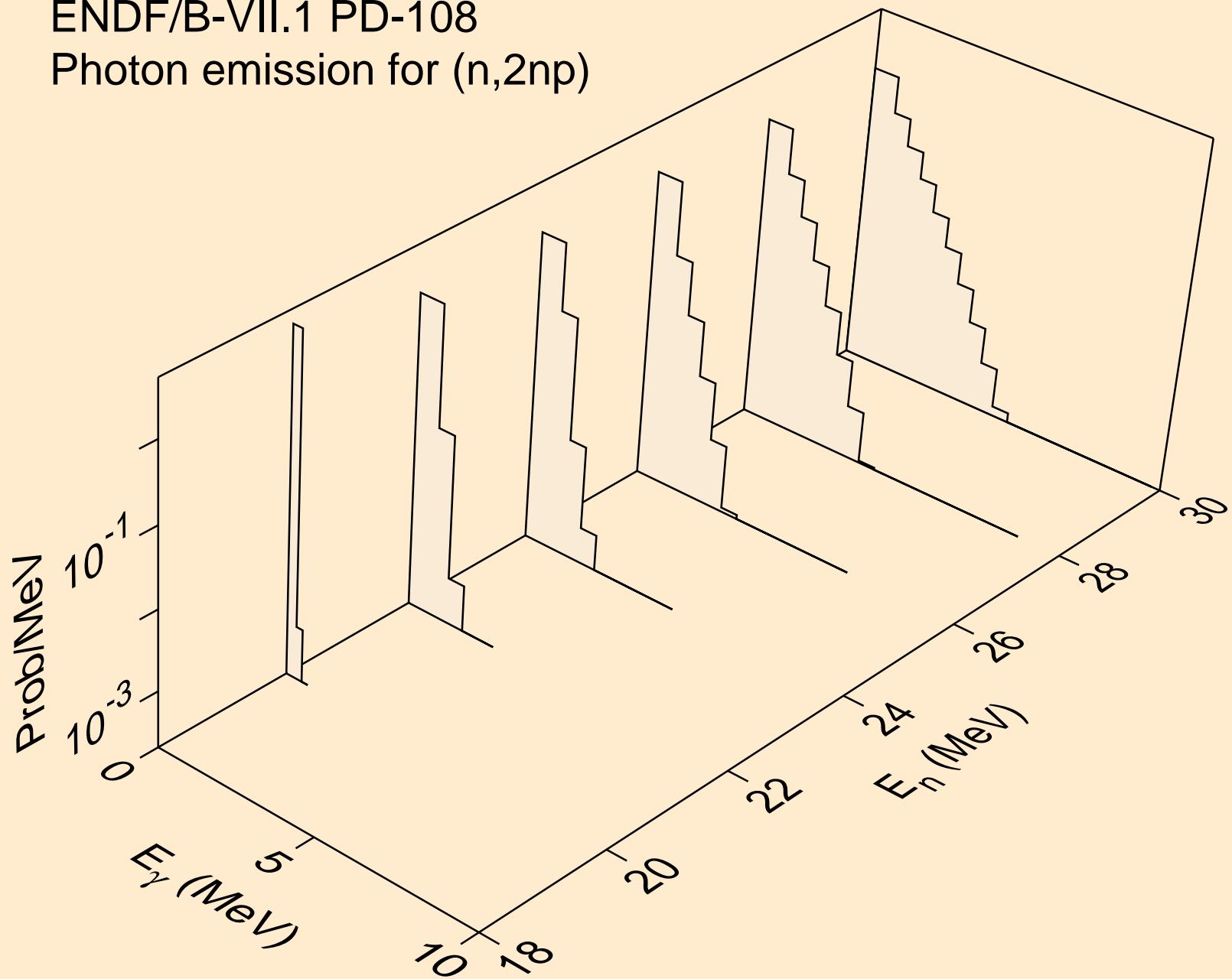
ENDF/B-VII.1 PD-108  
Photon emission for  $(n,n^*)d$



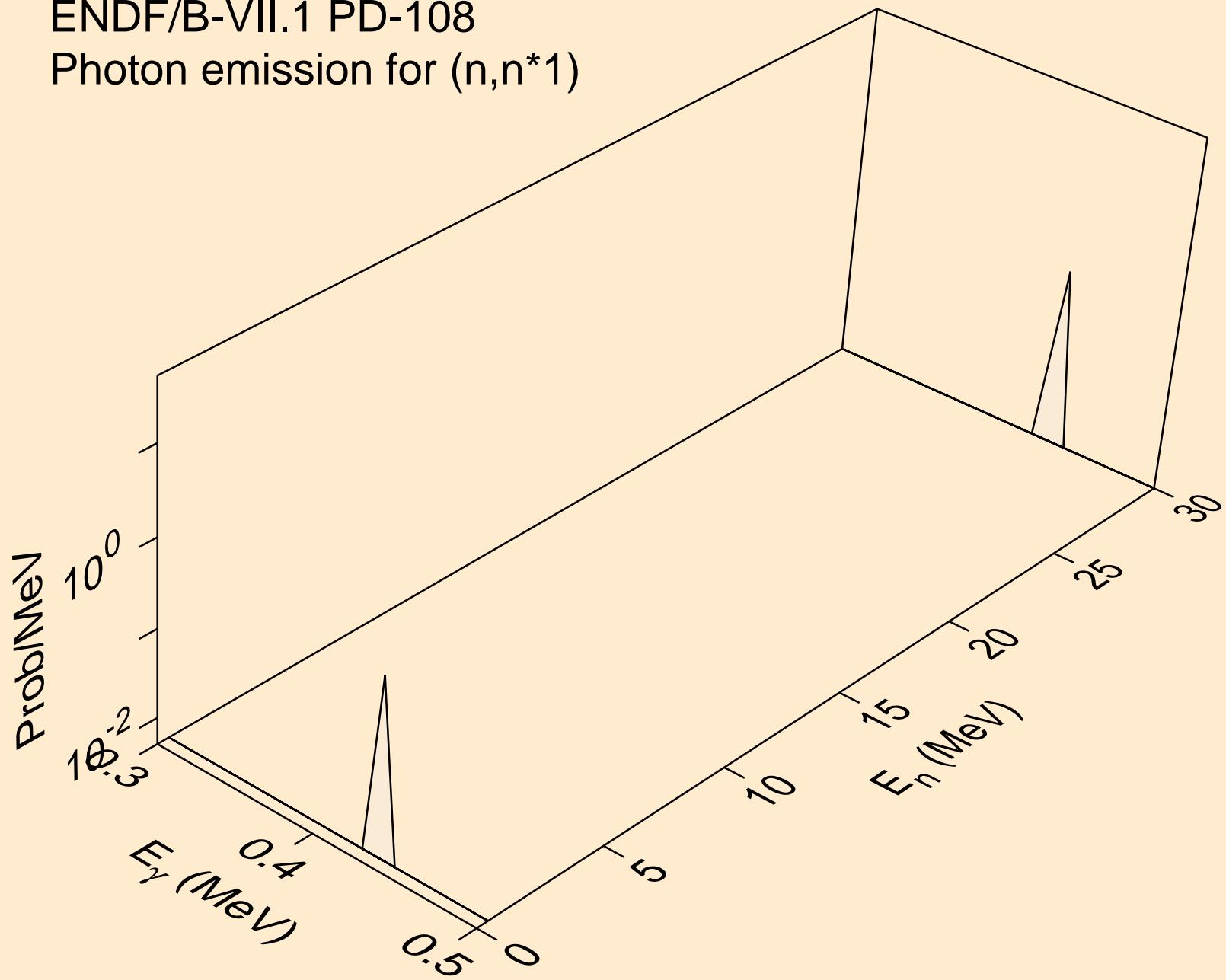
ENDF/B-VII.1 PD-108  
Photon emission for (n,4n)



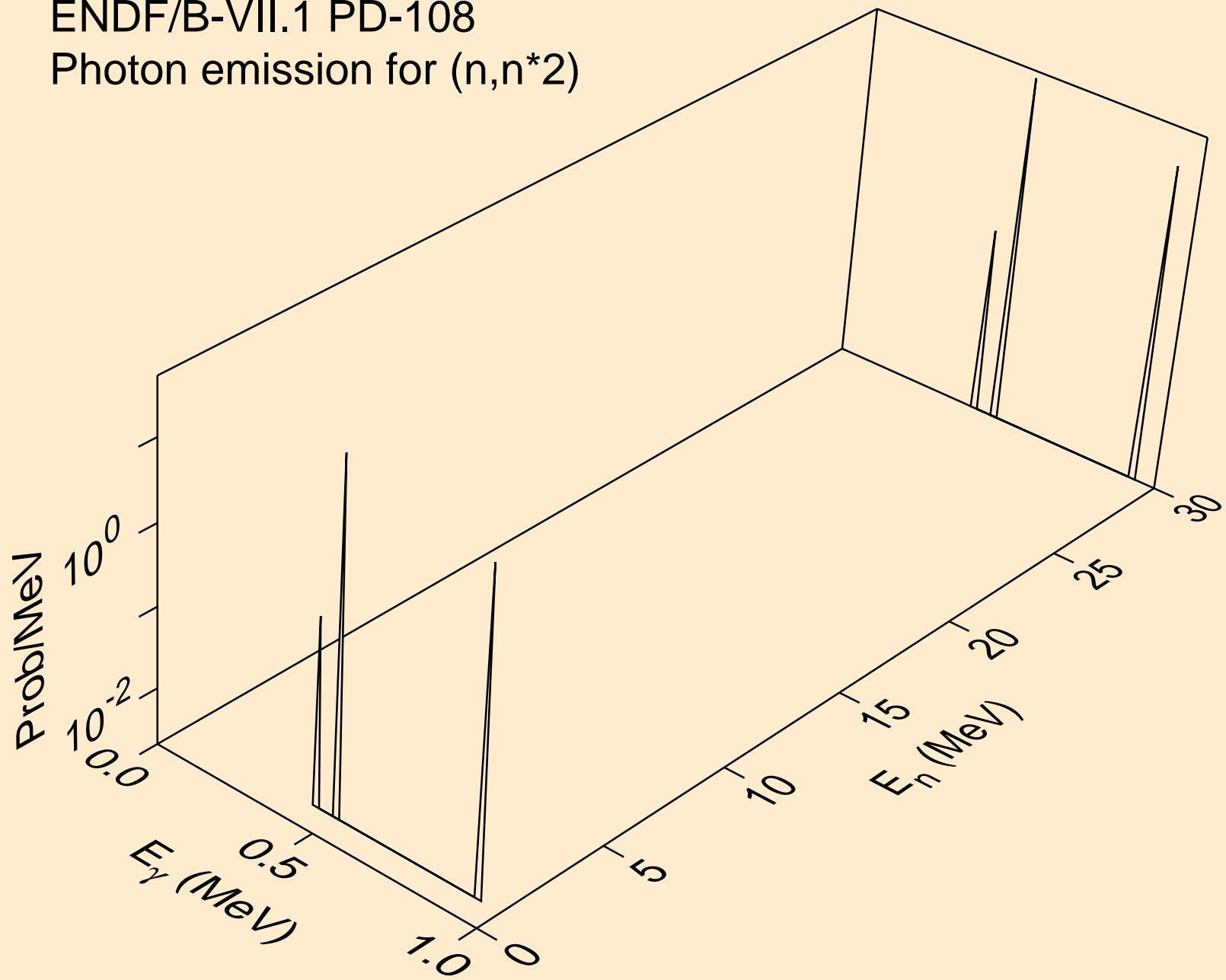
ENDF/B-VII.1 PD-108  
Photon emission for ( $n, 2np$ )



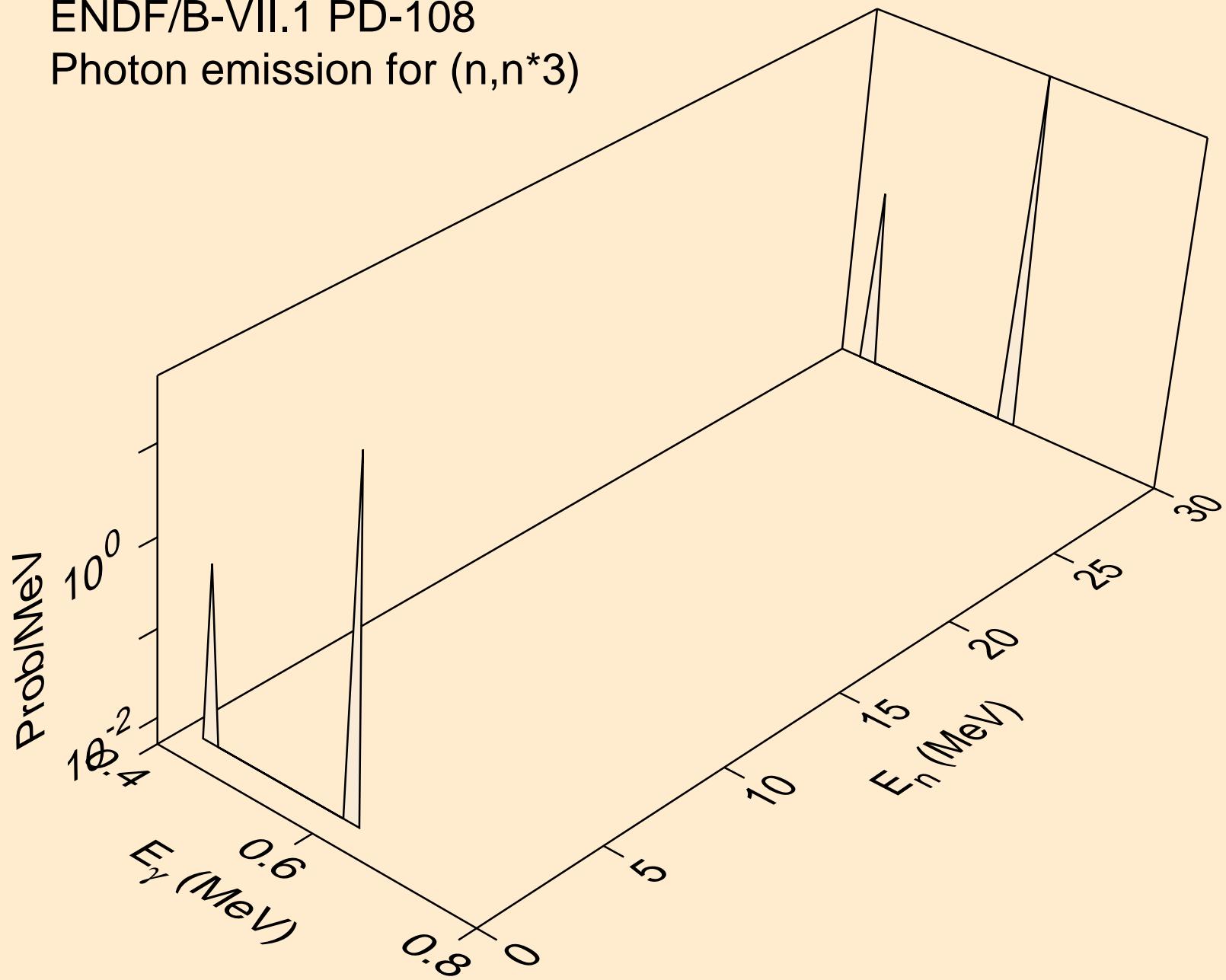
ENDF/B-VII.1 PD-108  
Photon emission for (n,n\*1)



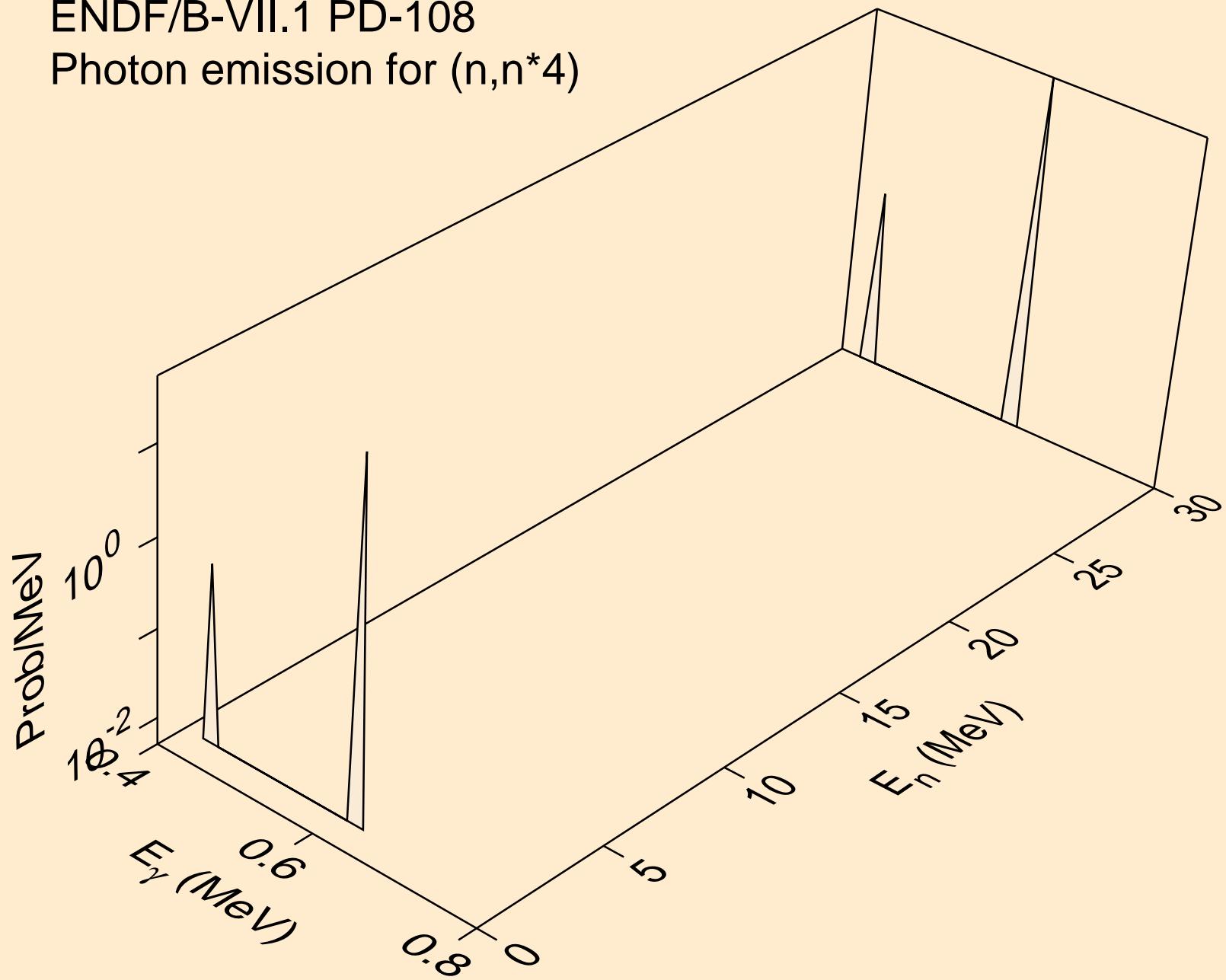
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Photon emission for (n,n\*2)



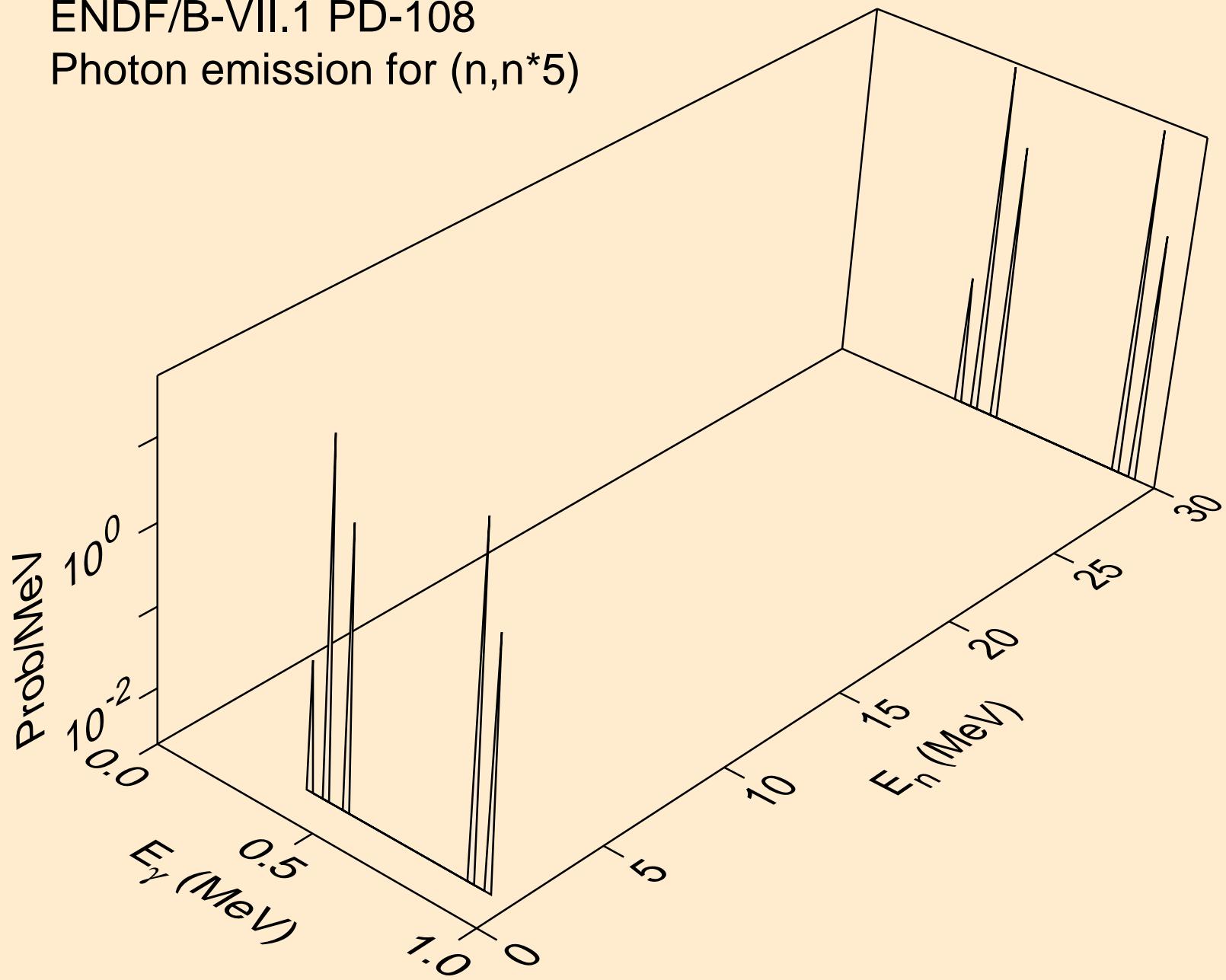
ENDF/B-VII.1 PD-108  
Photon emission for (n,n\*3)



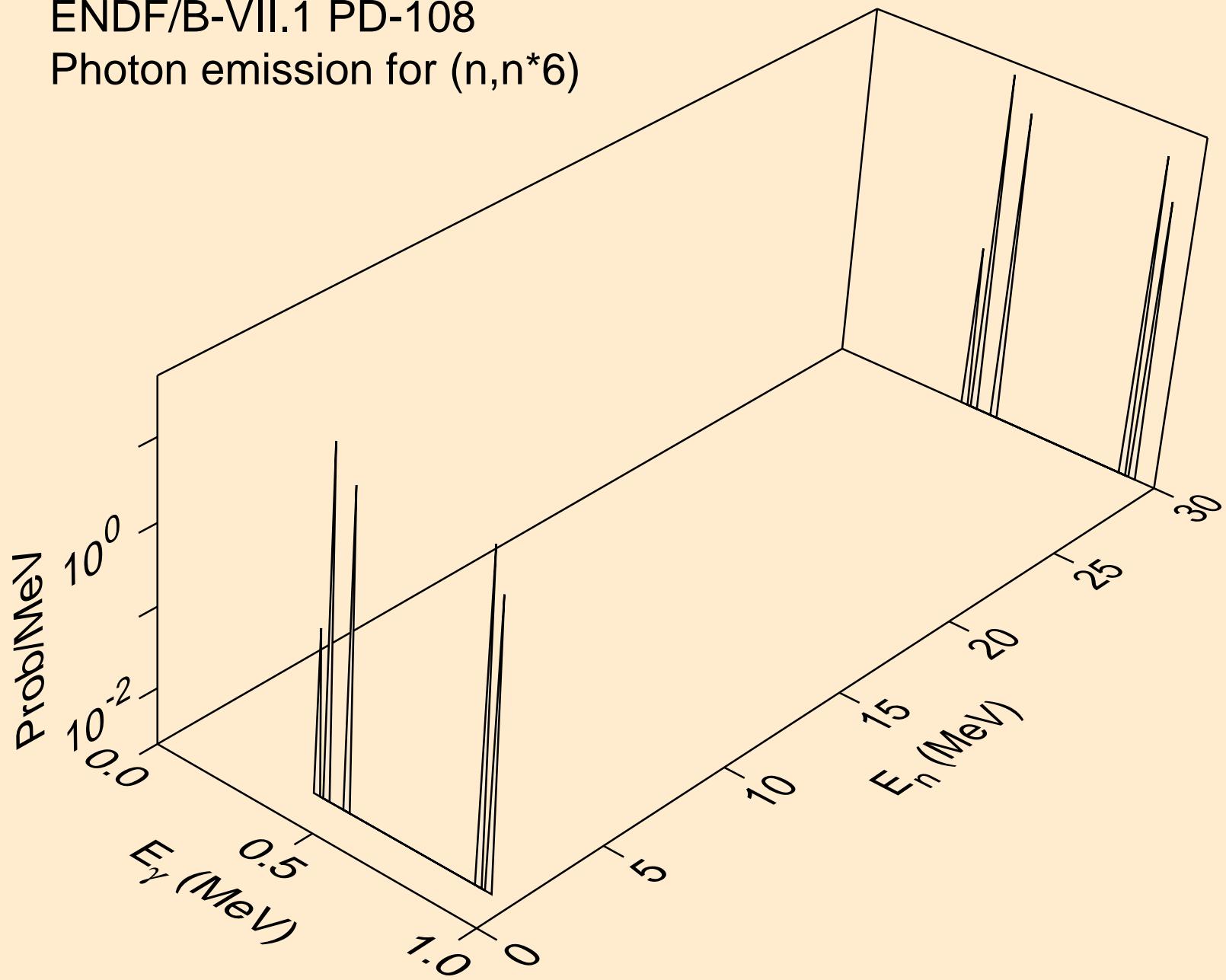
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Photon emission for (n,n\*4)



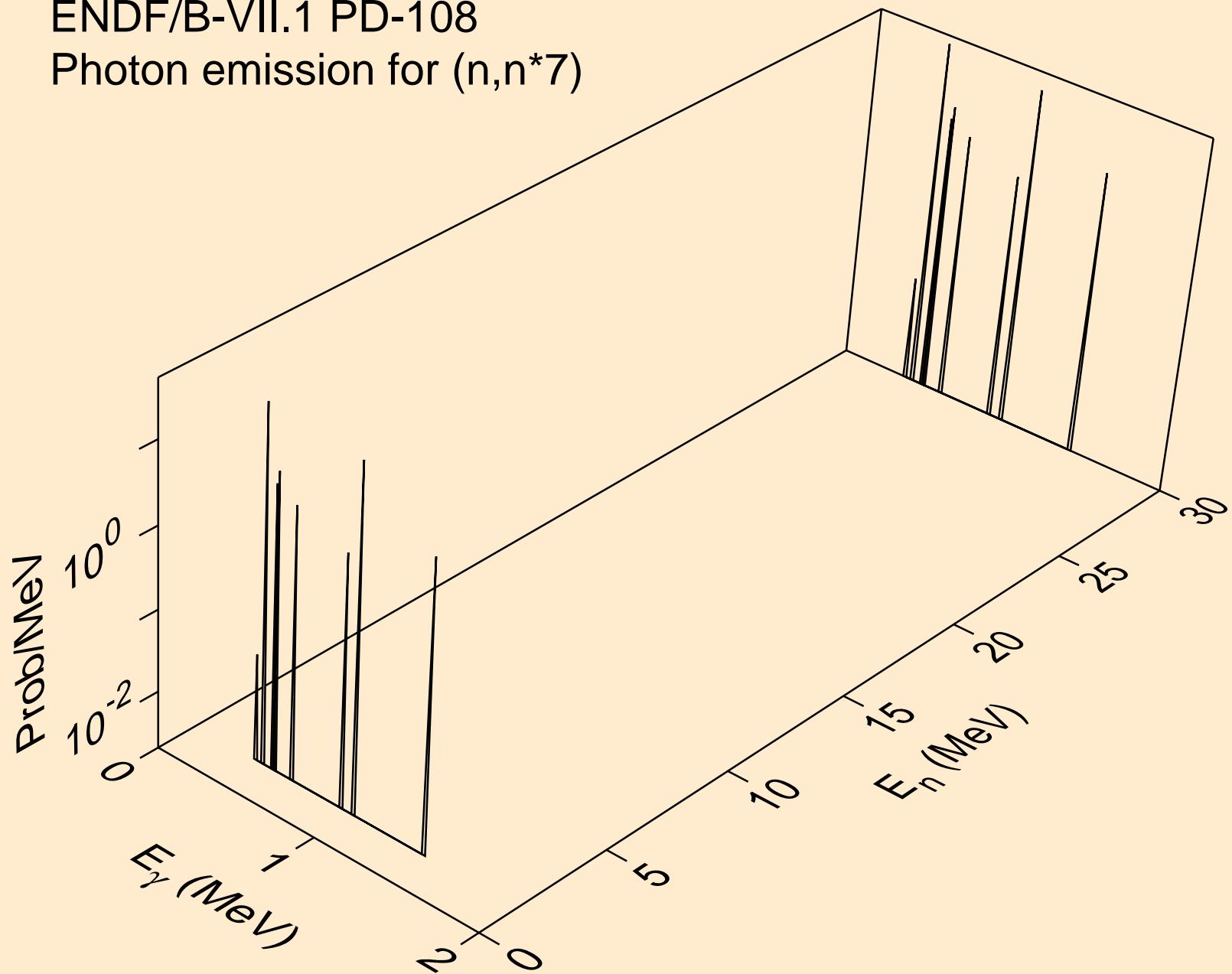
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Photon emission for (n,n\*5)



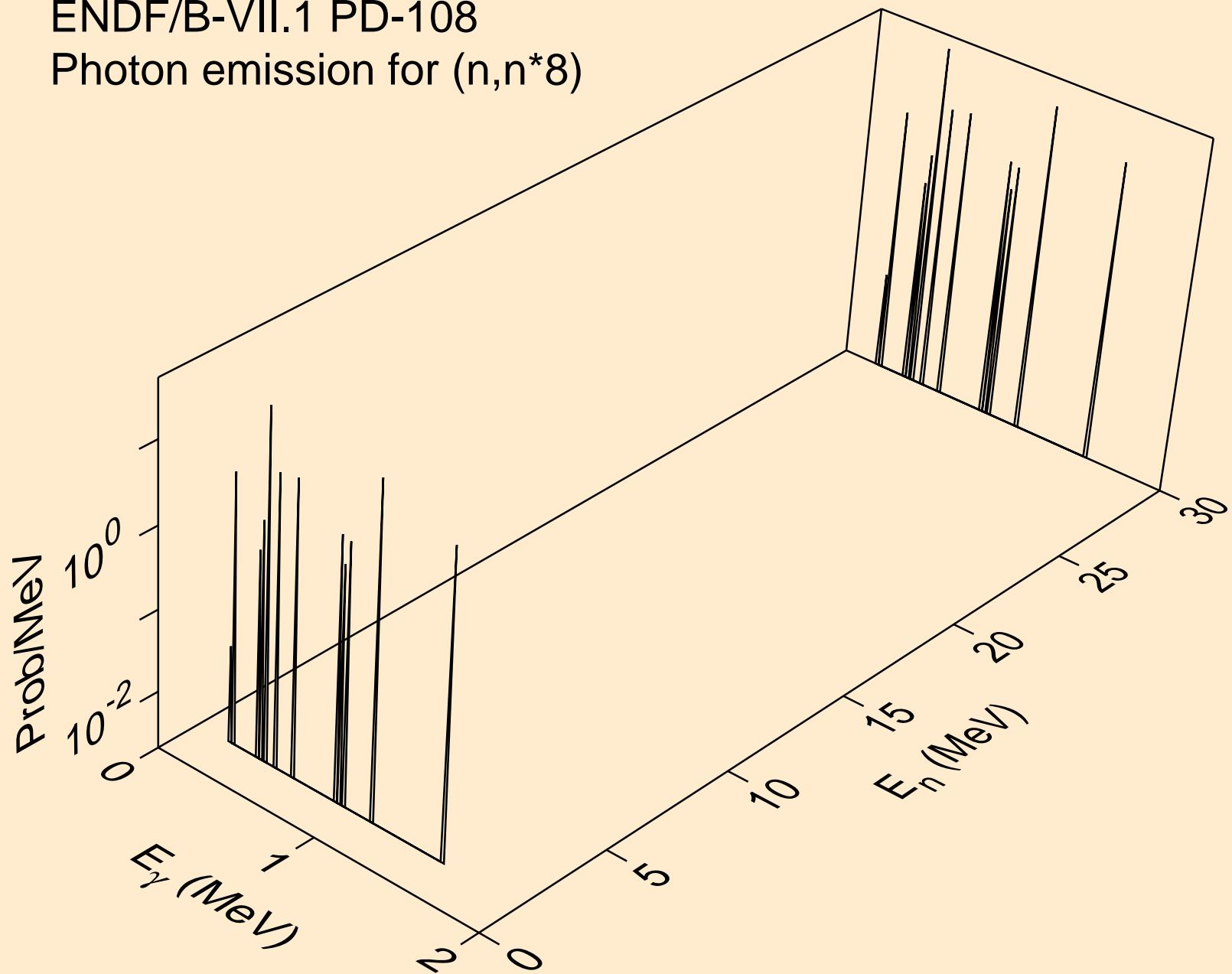
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Photon emission for (n,n\*6)



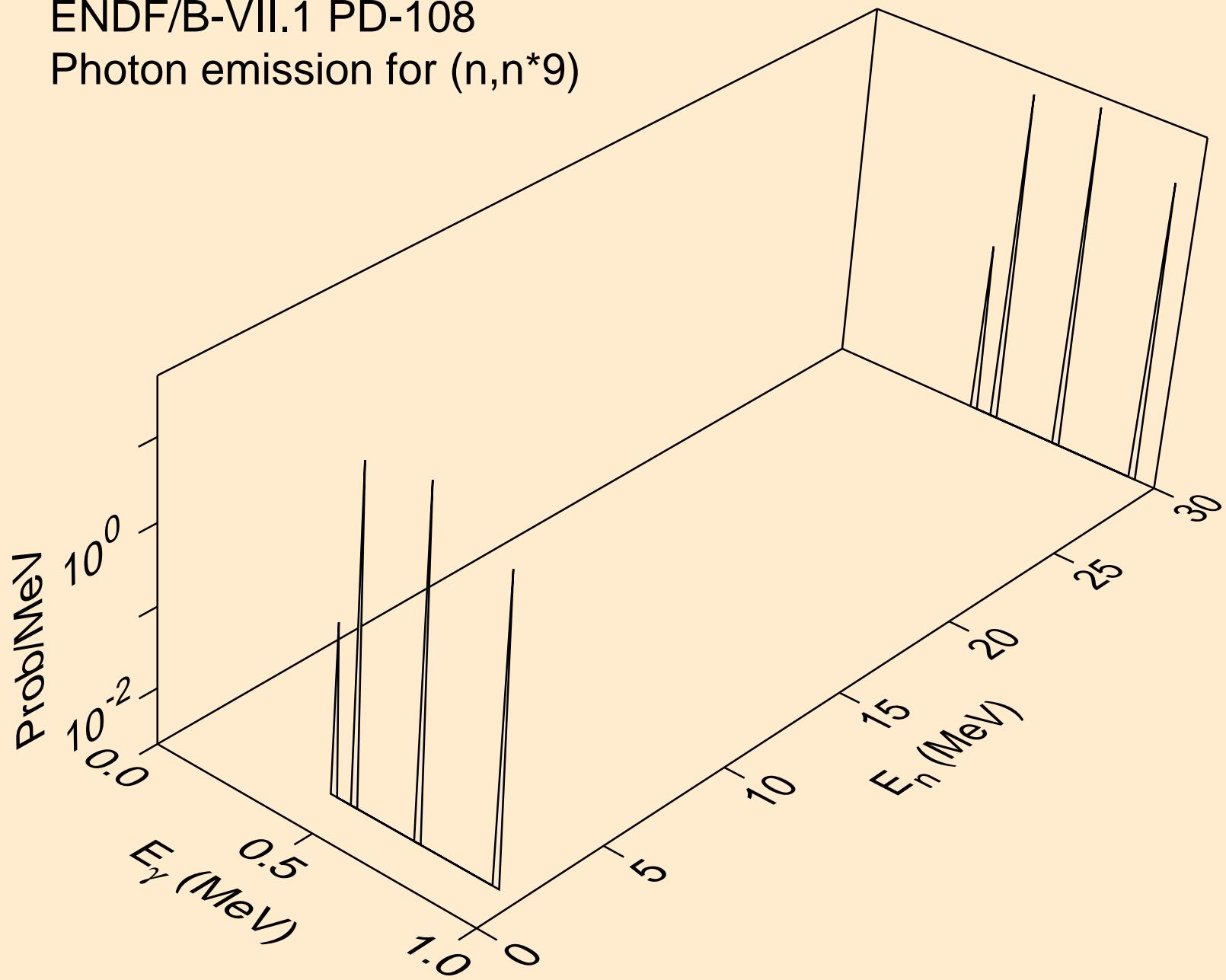
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Photon emission for  $(n,n^*7)$



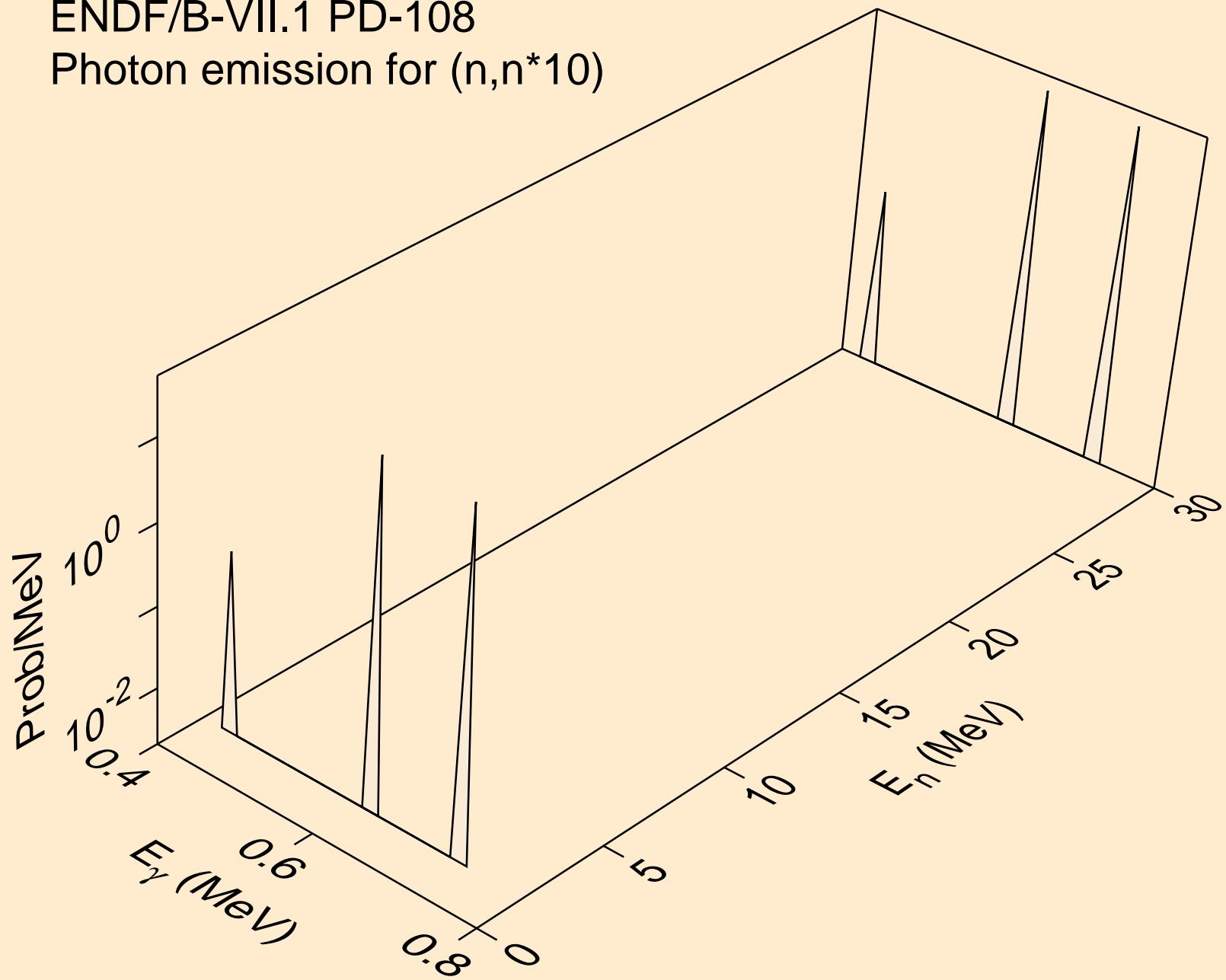
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Photon emission for (n,n\*8)



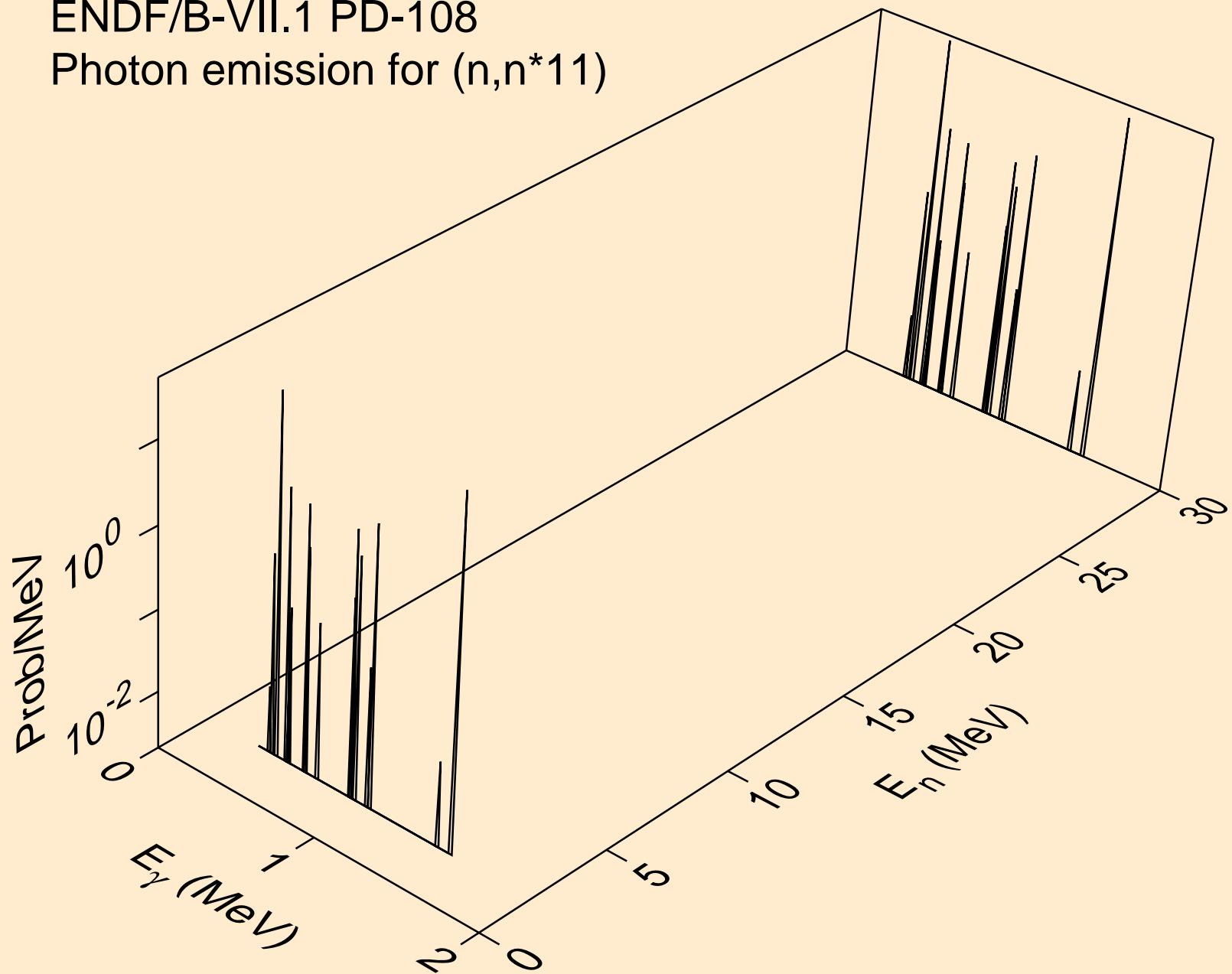
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Photon emission for (n,n\*9)



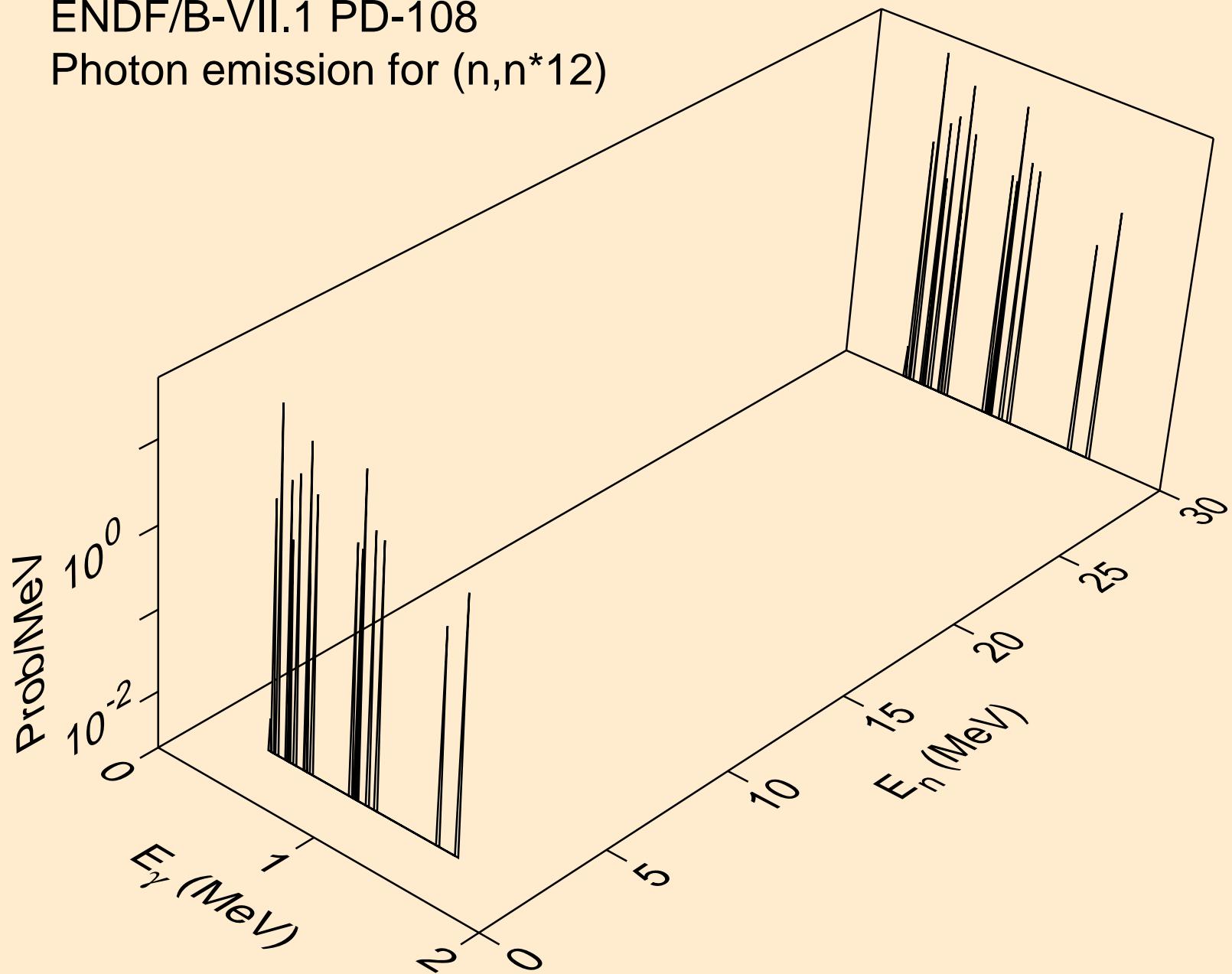
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Photon emission for (n,n\*10)



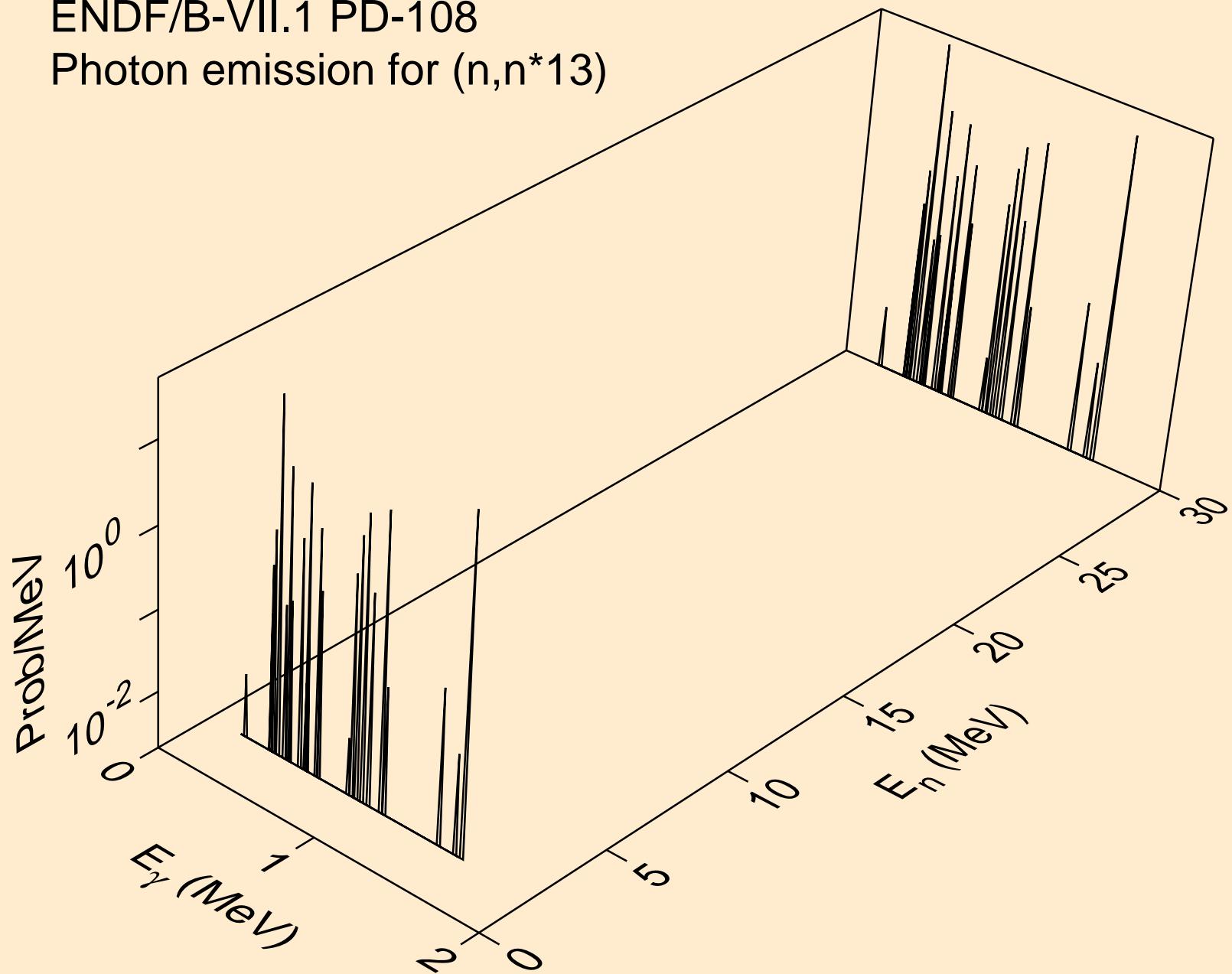
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Photon emission for ( $n, n^* 11$ )



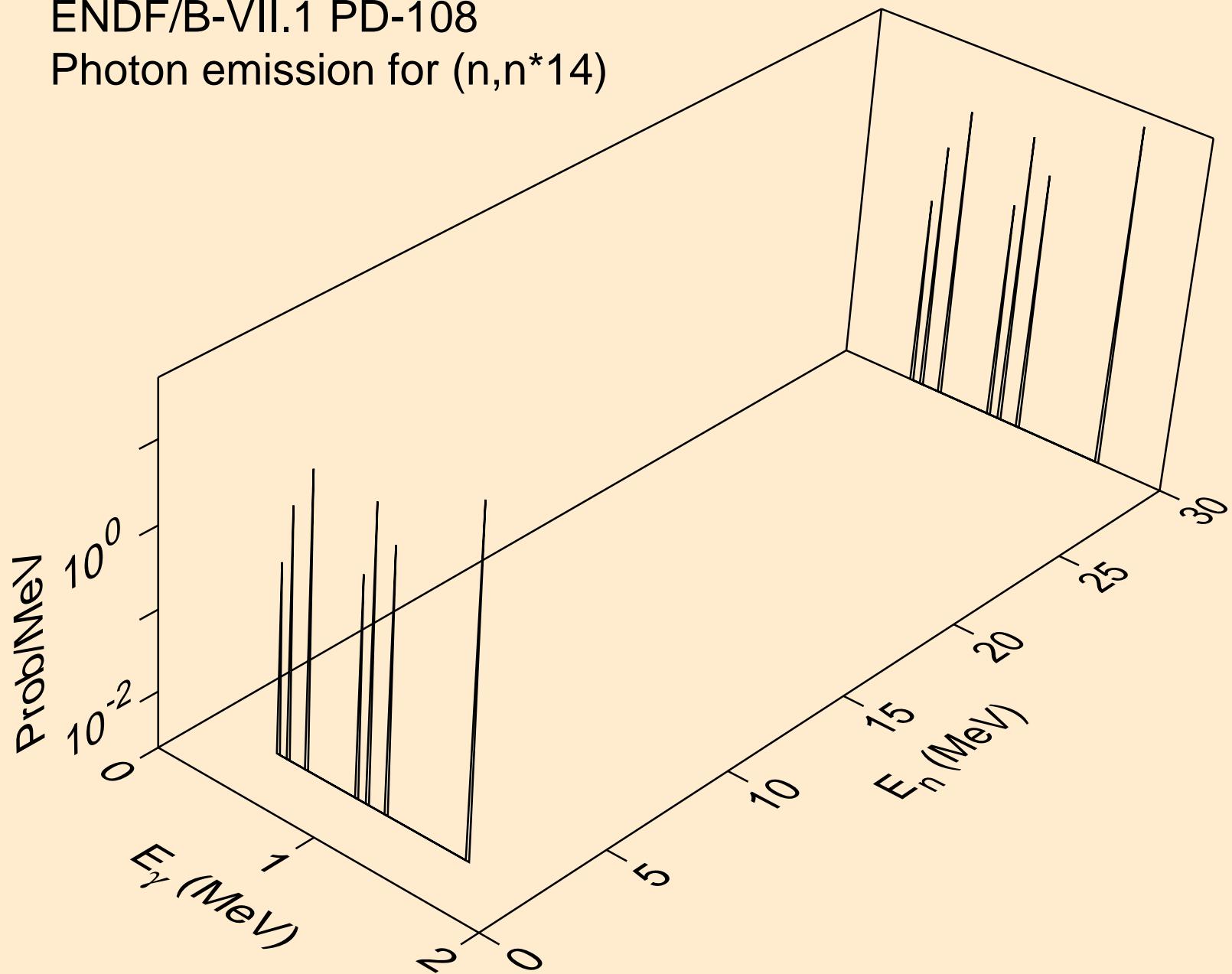
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Photon emission for  $(n,n^*12)$



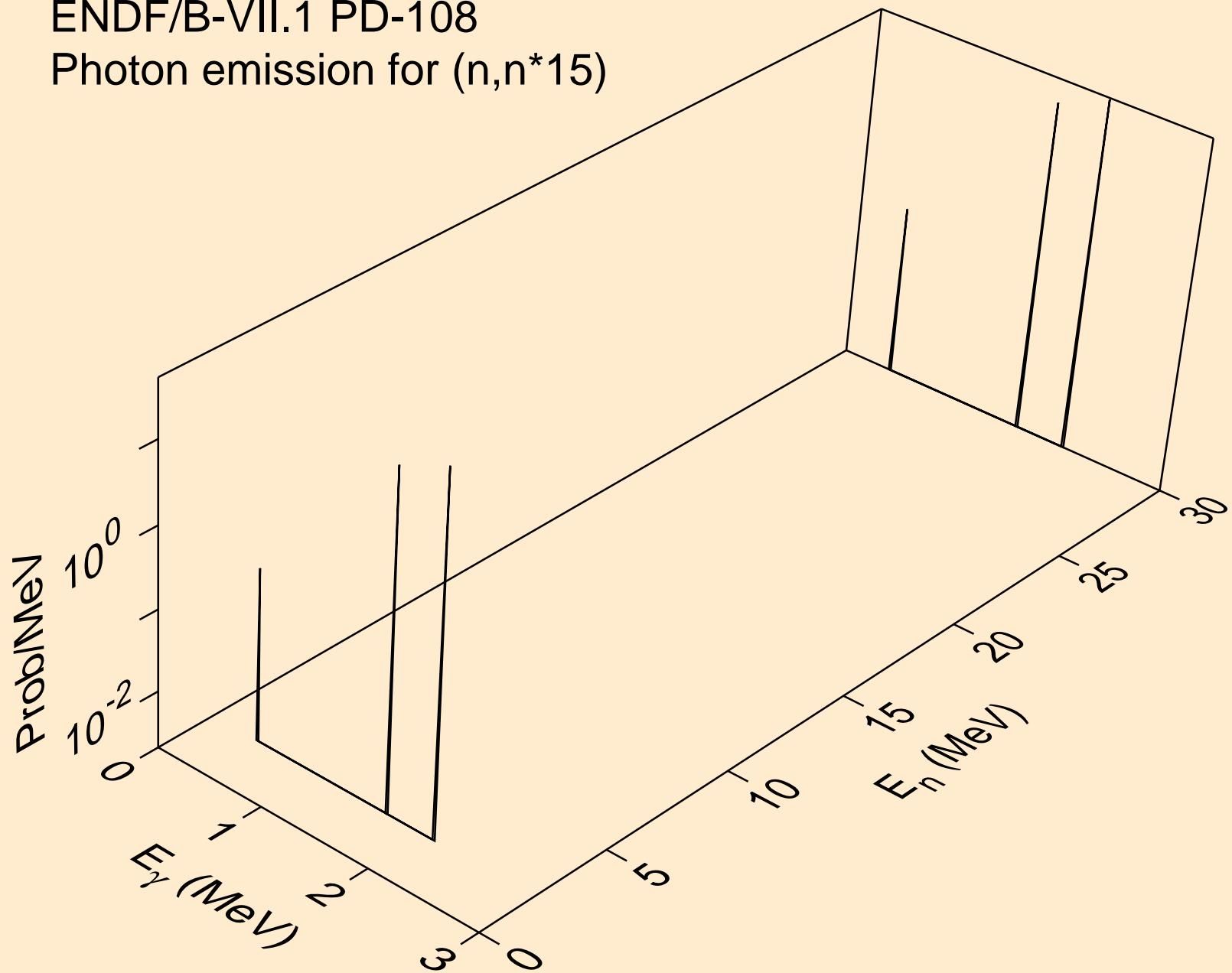
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Photon emission for ( $n, n^* 13$ )



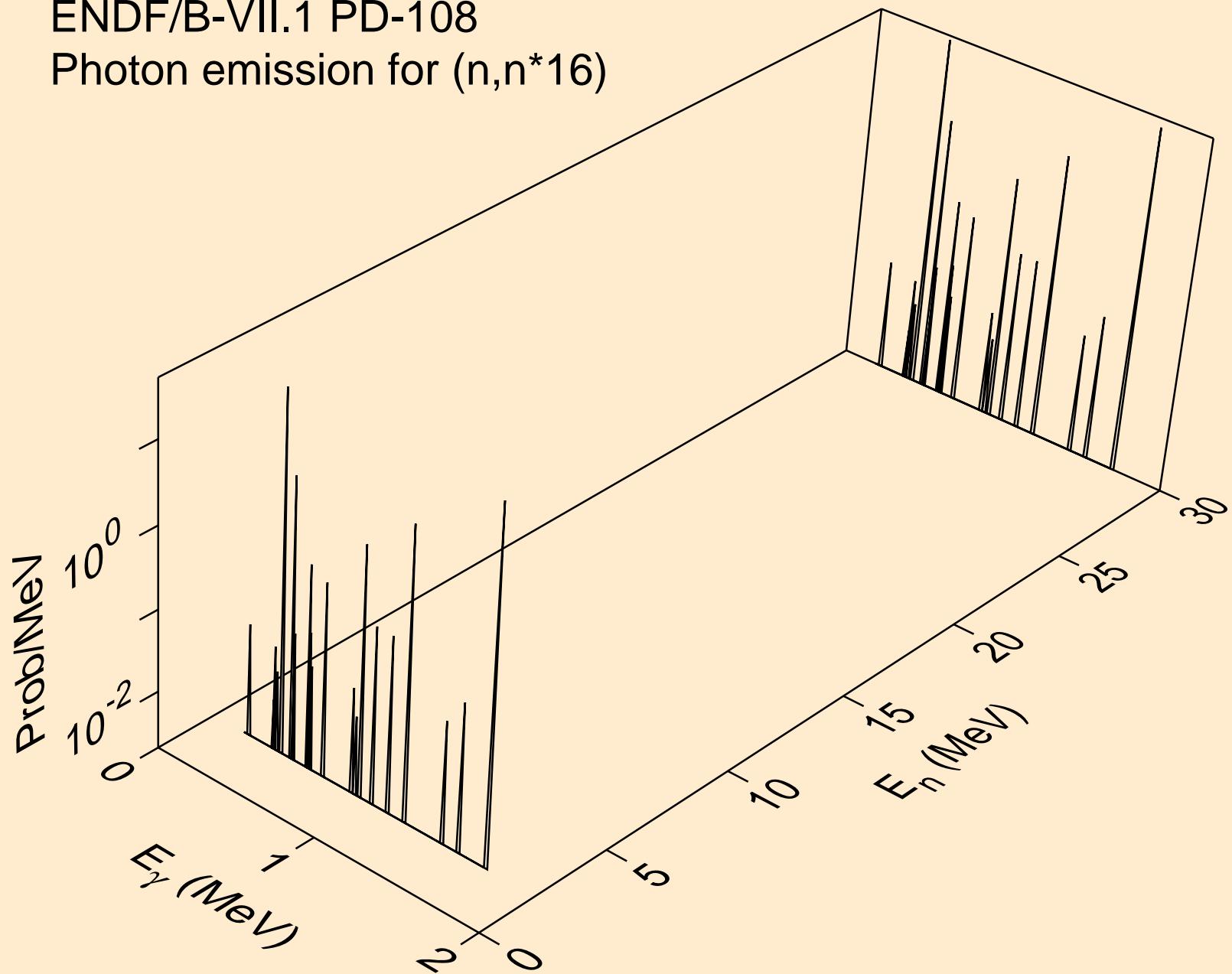
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Photon emission for  $(n,n^*14)$



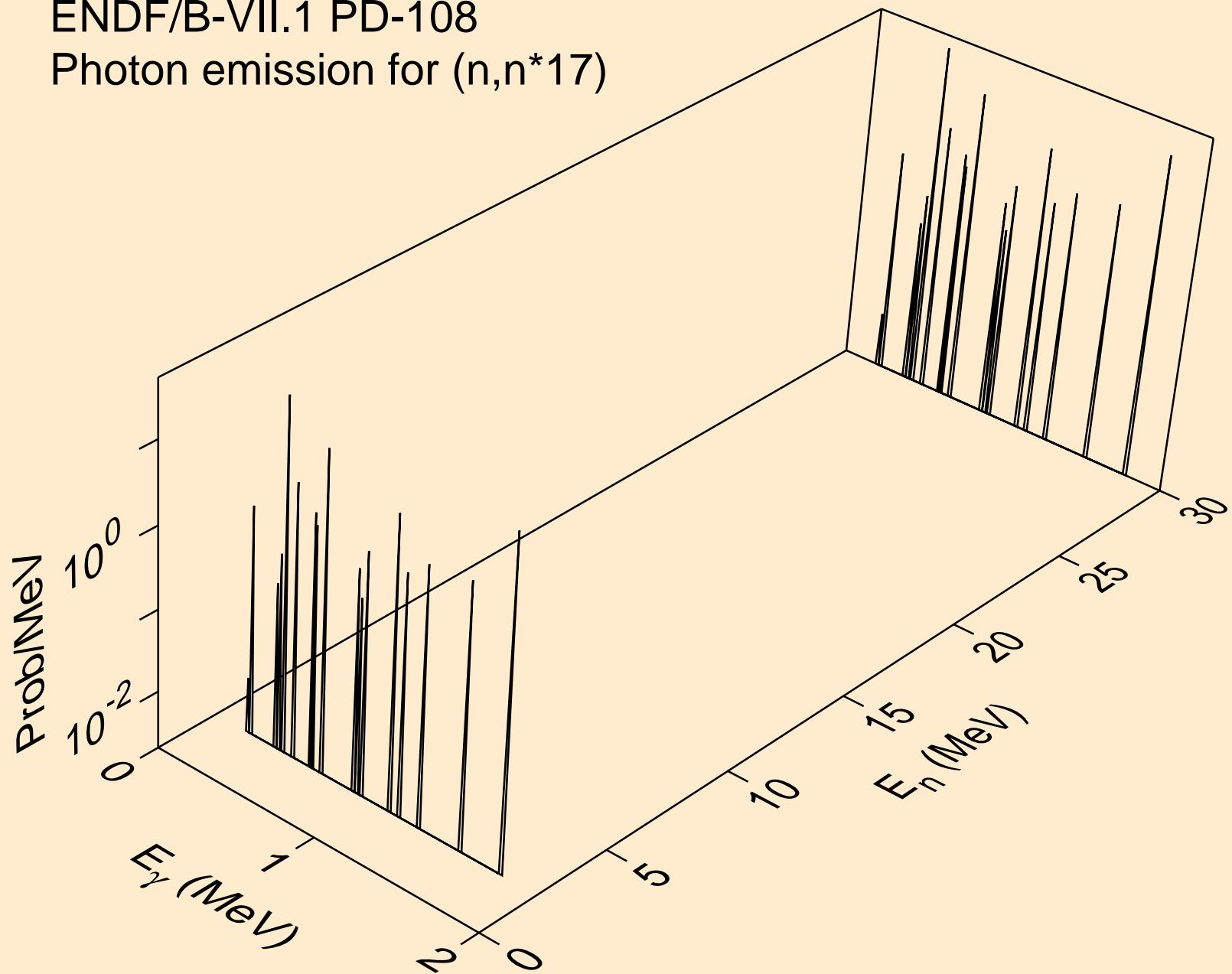
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Photon emission for  $(n,n^*15)$



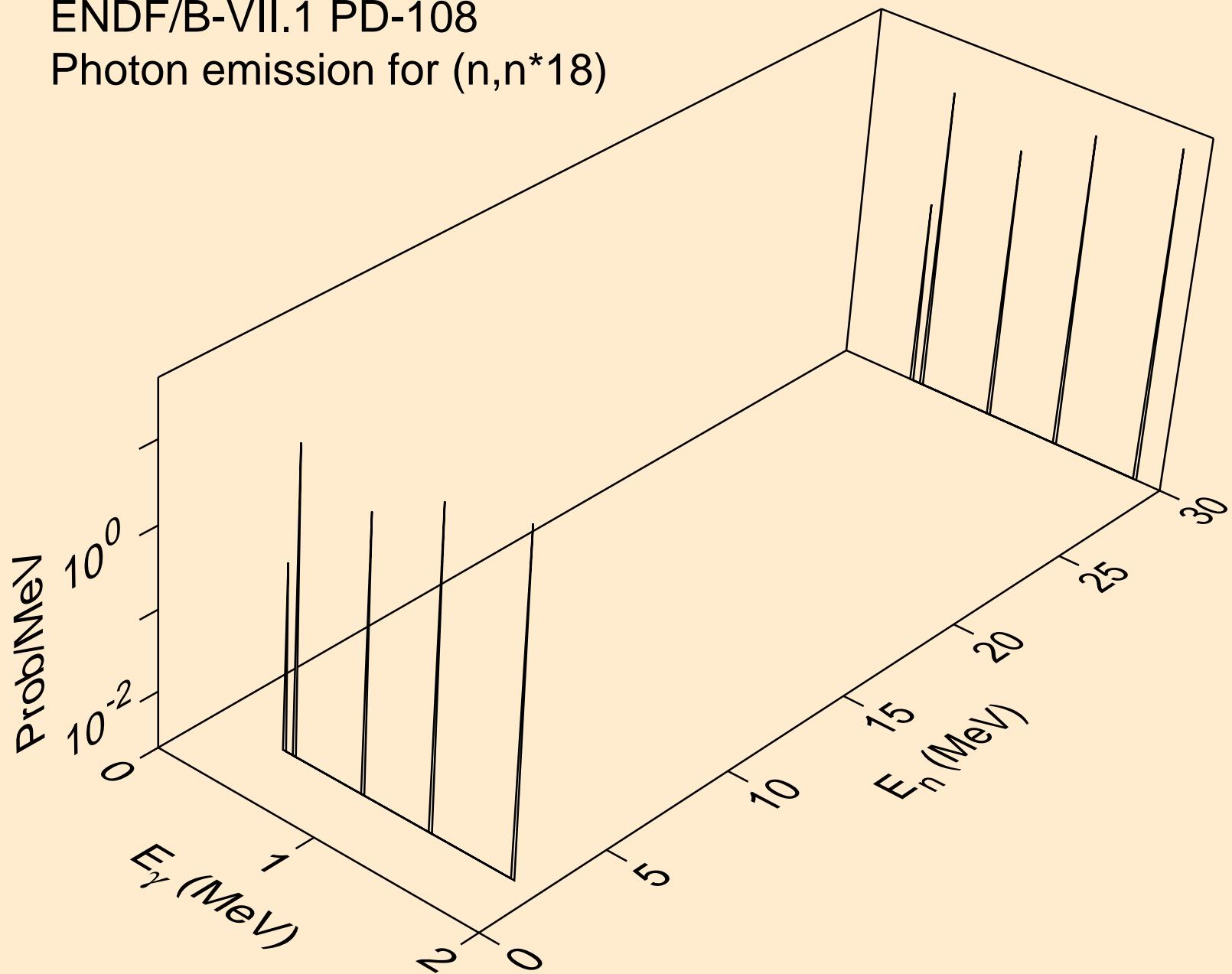
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Photon emission for  $(n,n^*16)$



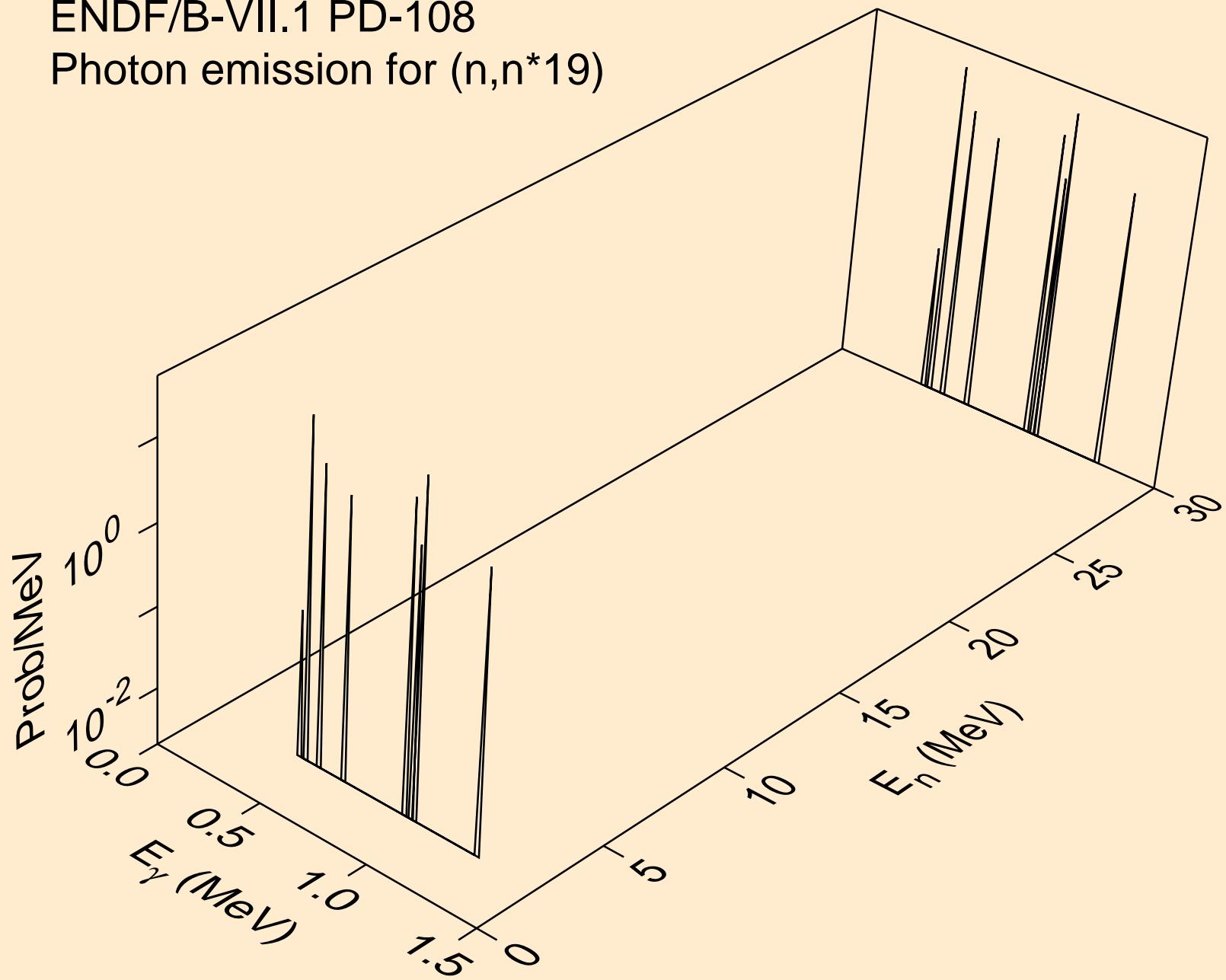
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Photon emission for ( $n, n^* 17$ )



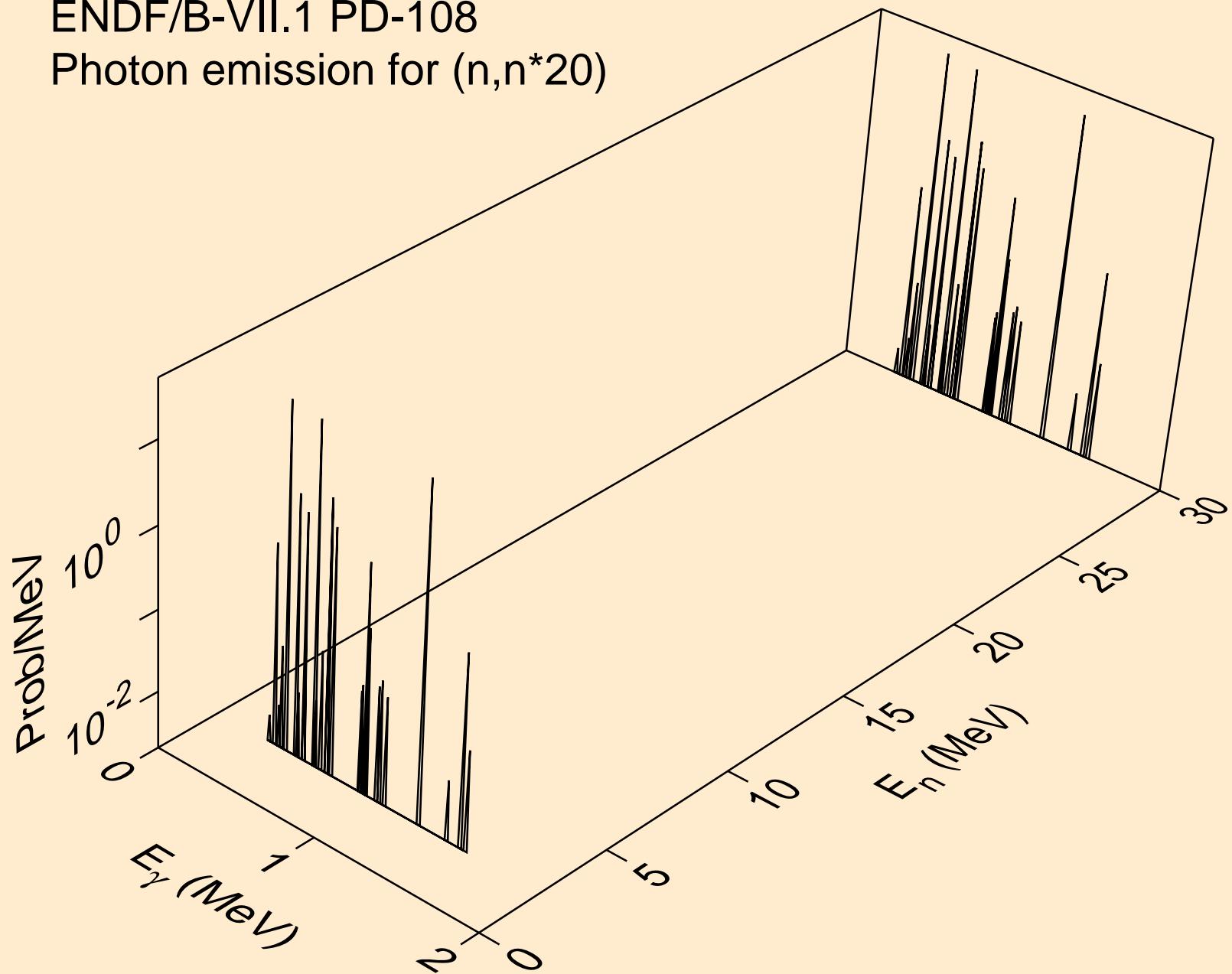
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Photon emission for ( $n, n^* 18$ )



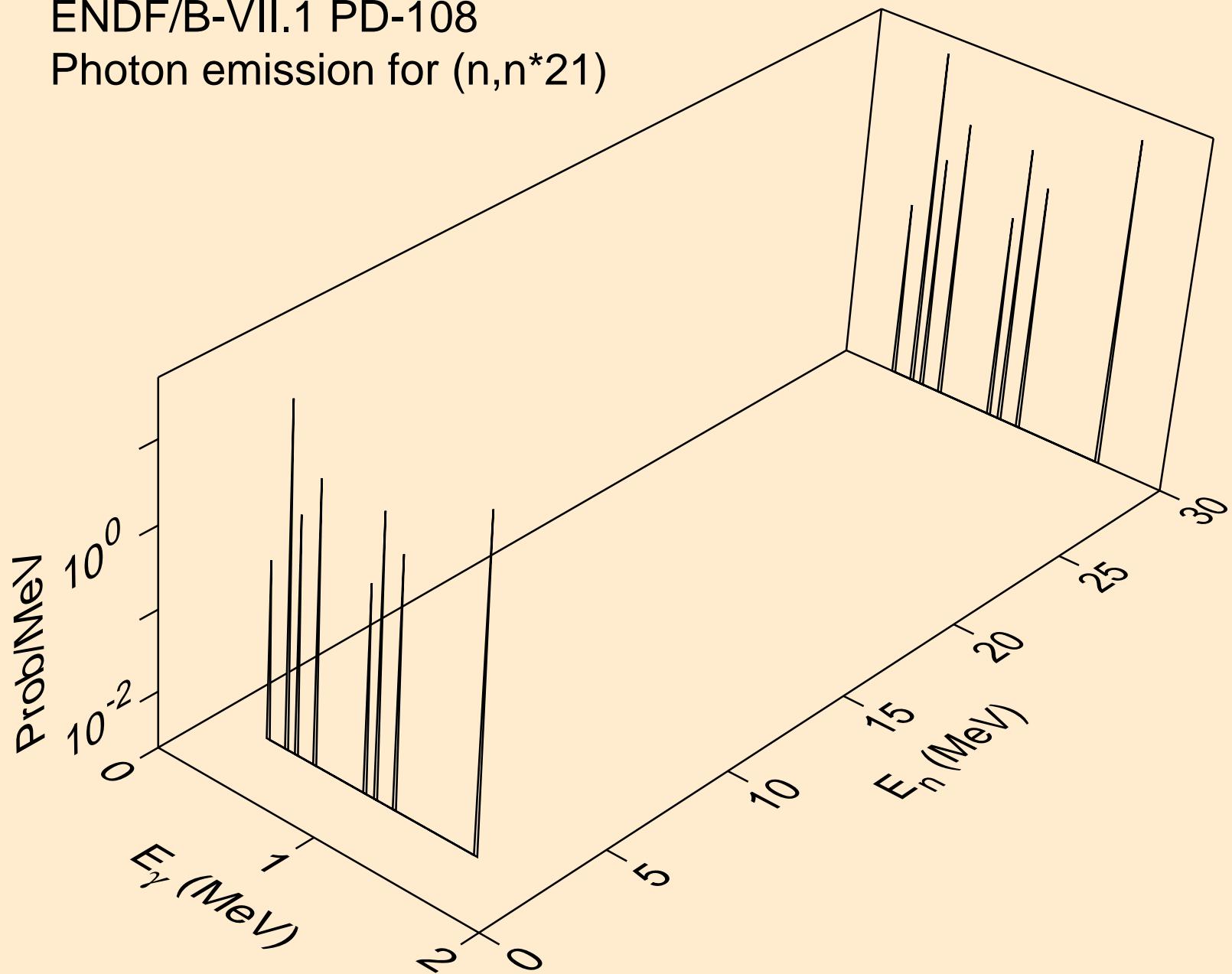
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Photon emission for ( $n, n^* 19$ )



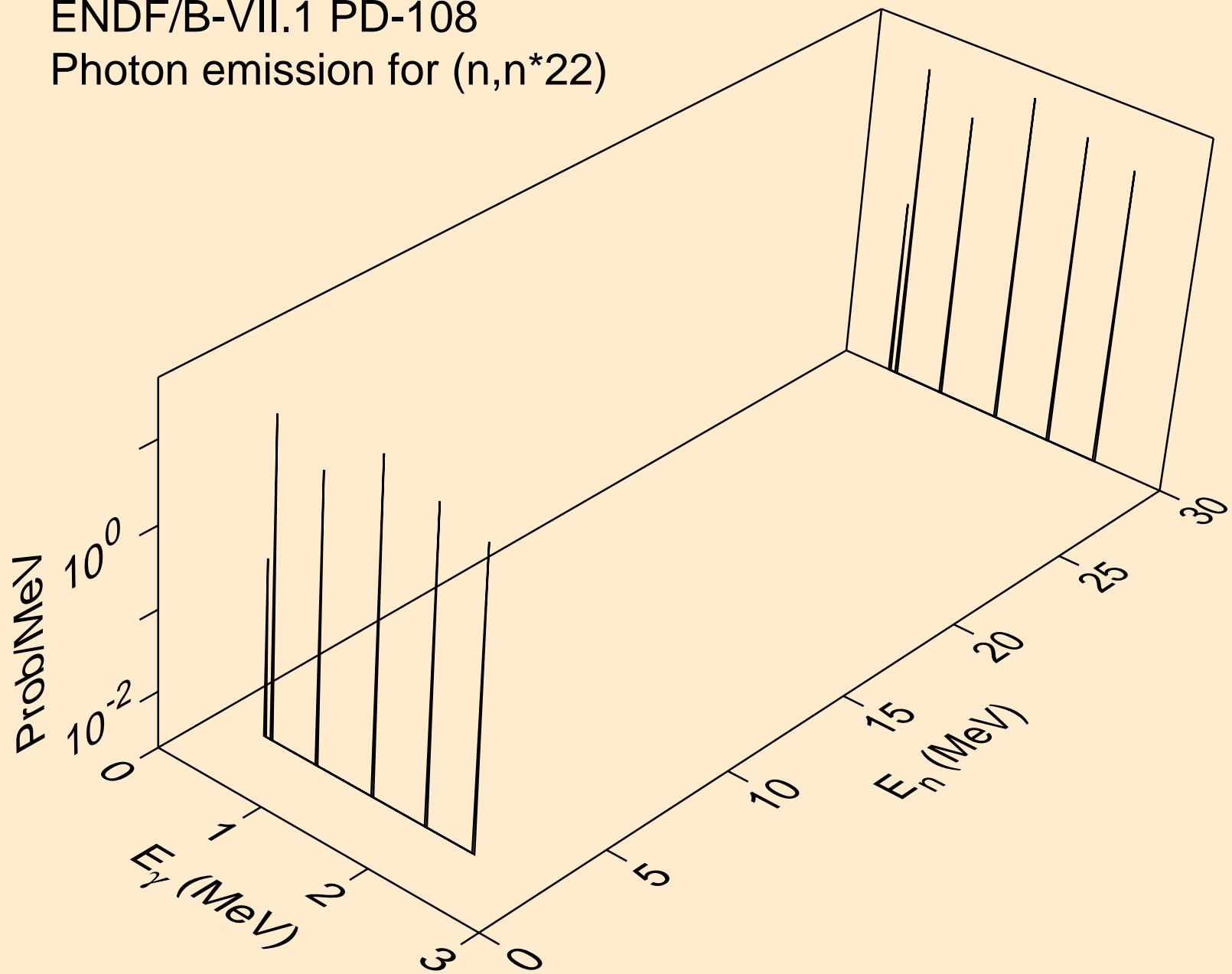
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Photon emission for ( $n, n^* 20$ )



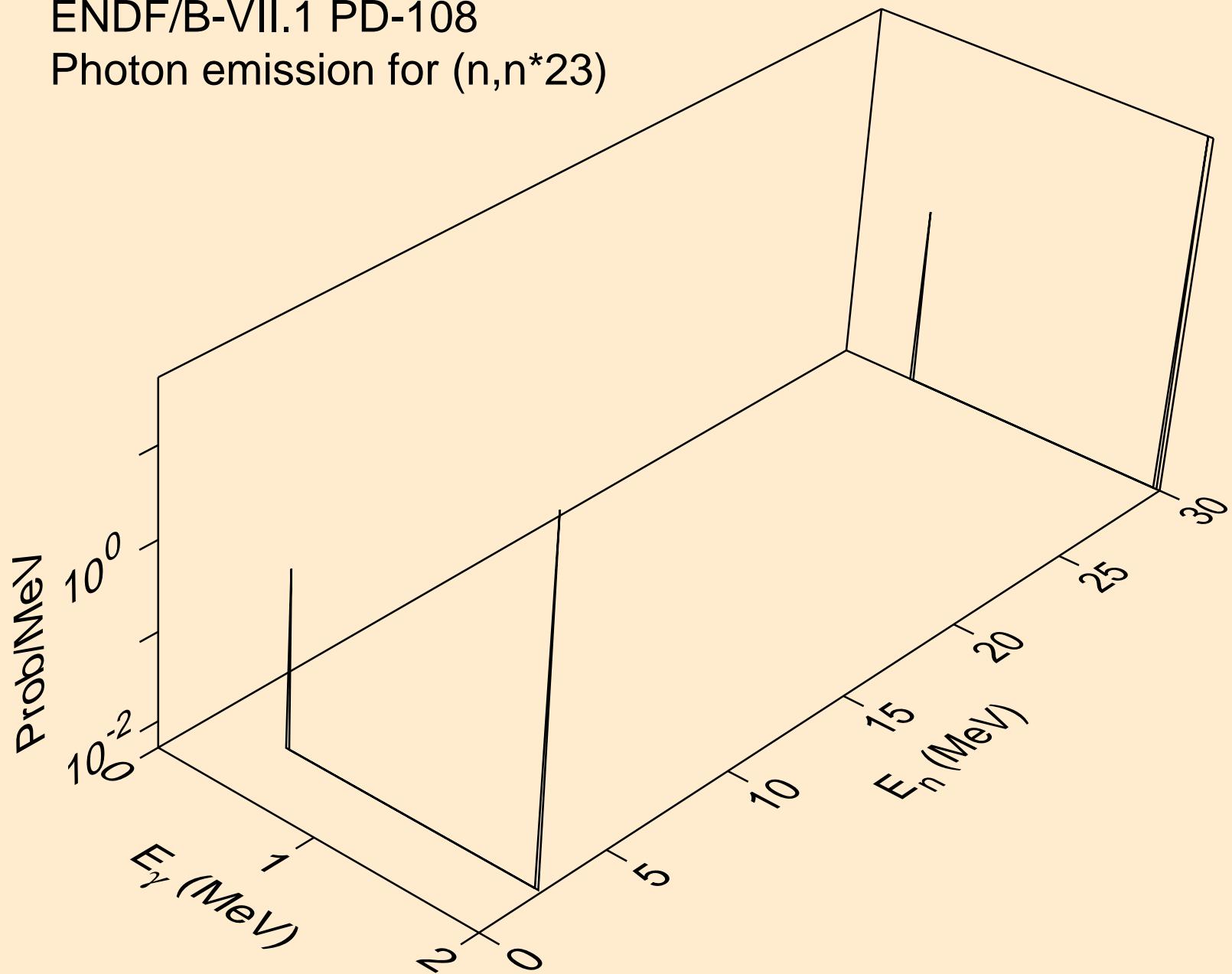
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Photon emission for ( $n, n^* 21$ )



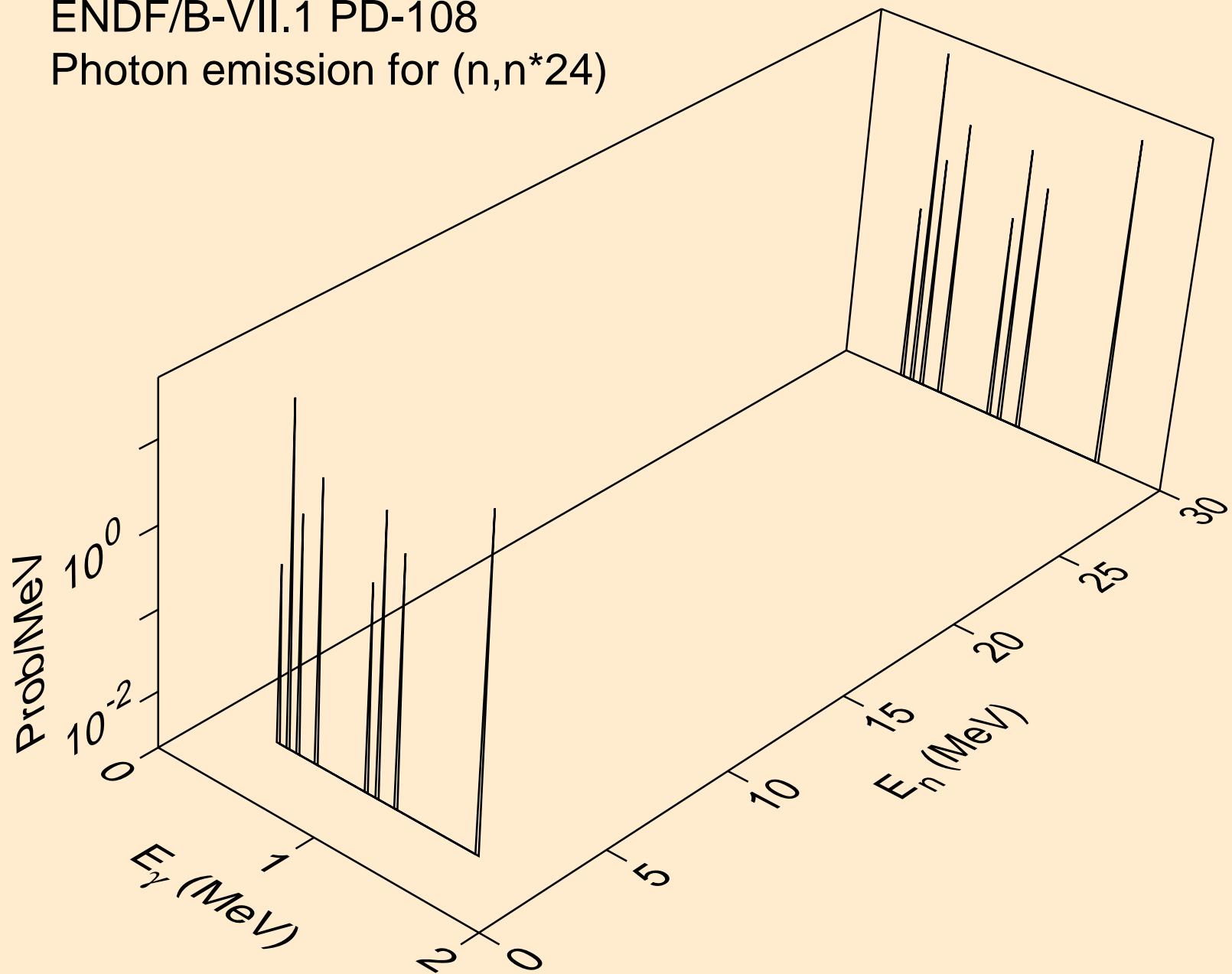
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Photon emission for ( $n, n^* 22$ )



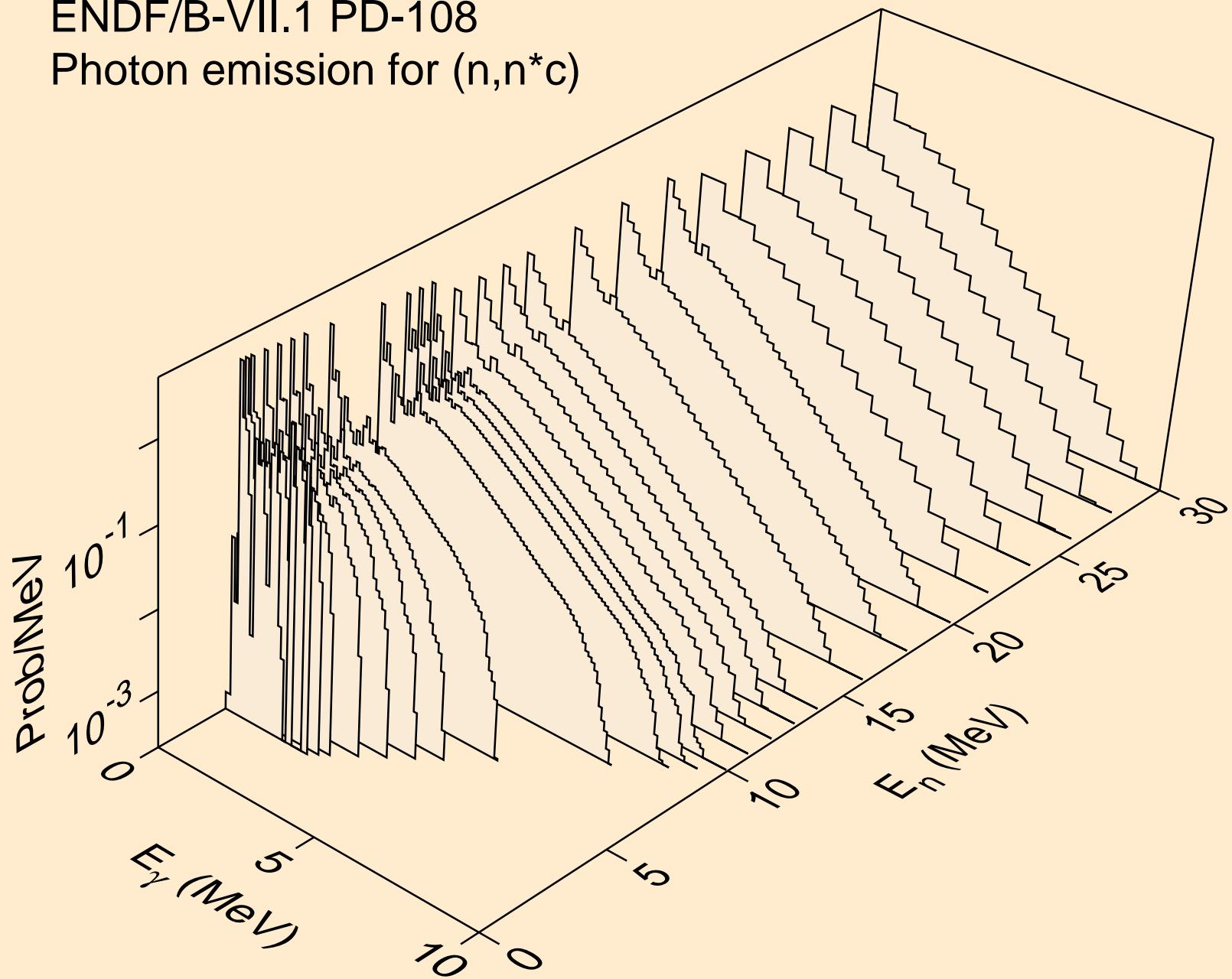
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Photon emission for ( $n, n^* 23$ )



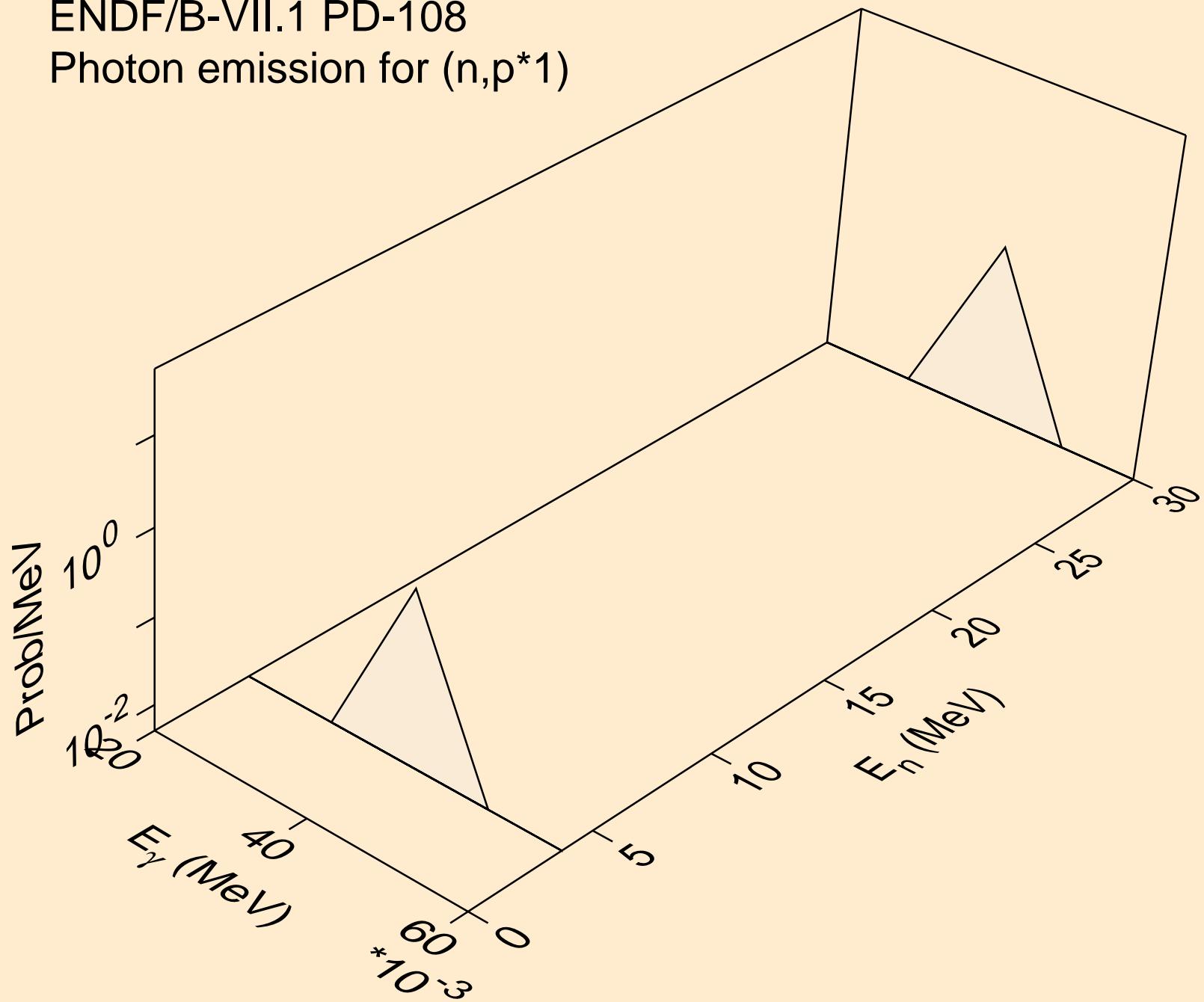
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Photon emission for ( $n, n^* 24$ )



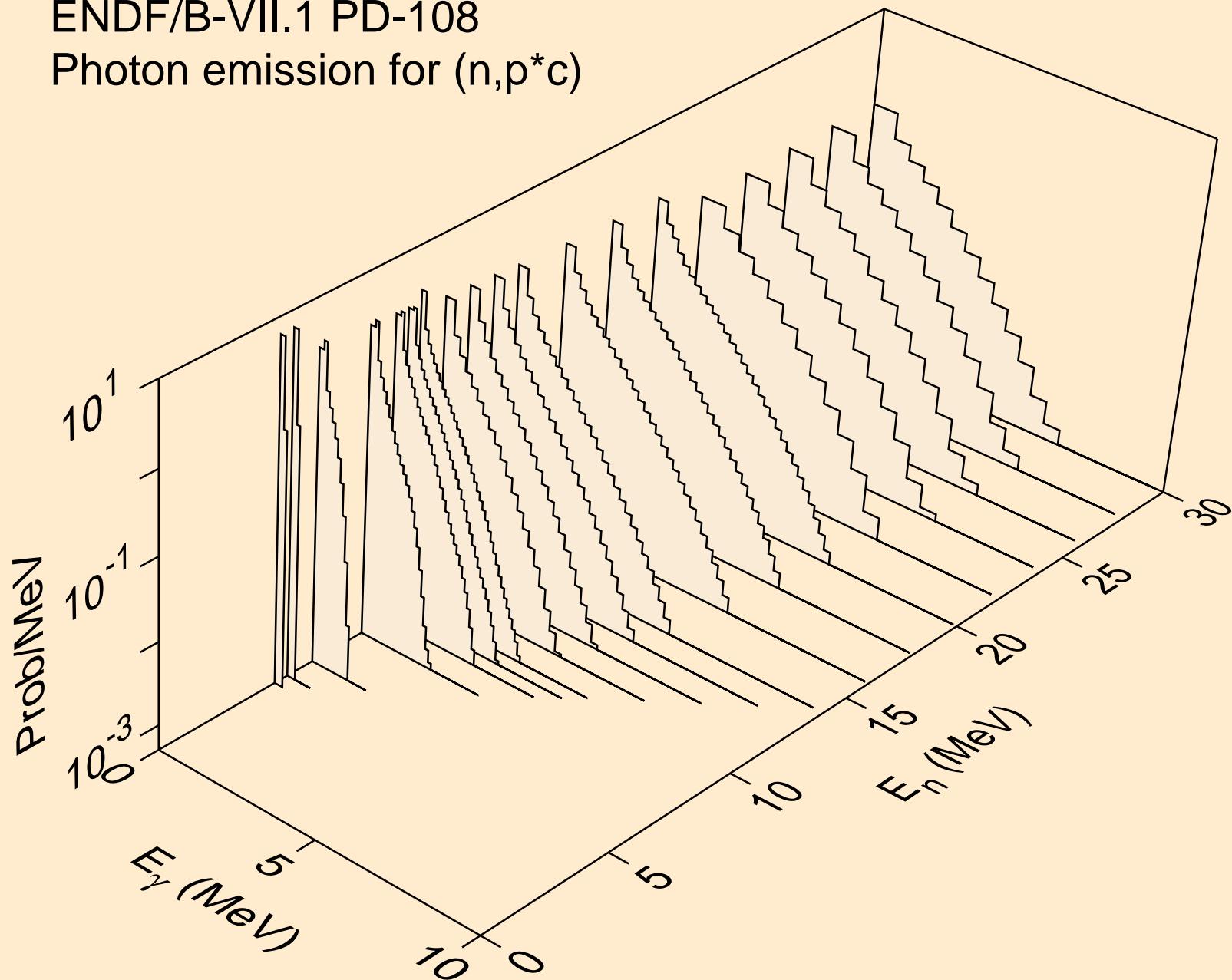
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Photon emission for  $(n, n^* c)$



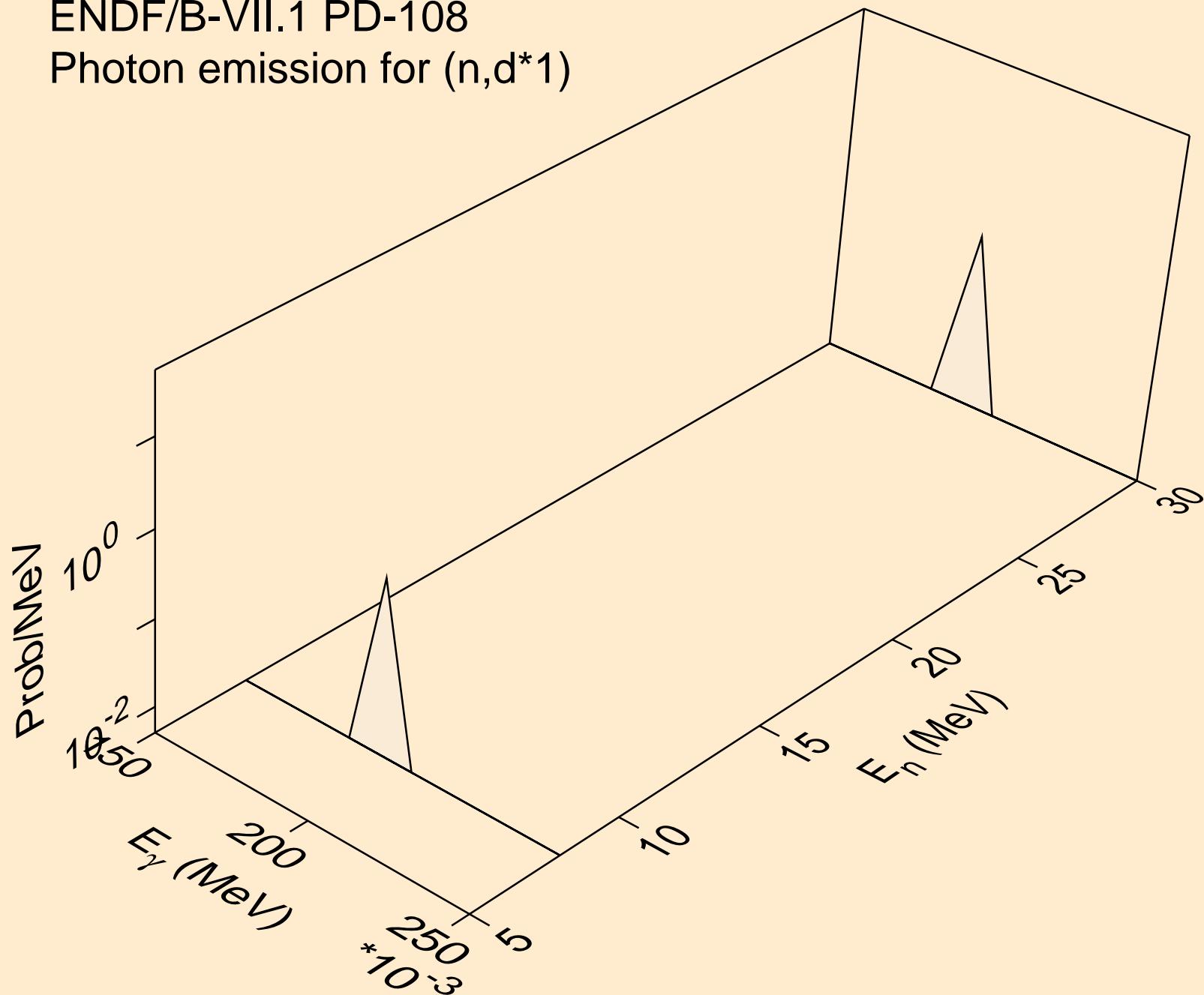
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Photon emission for (n,p\*1)



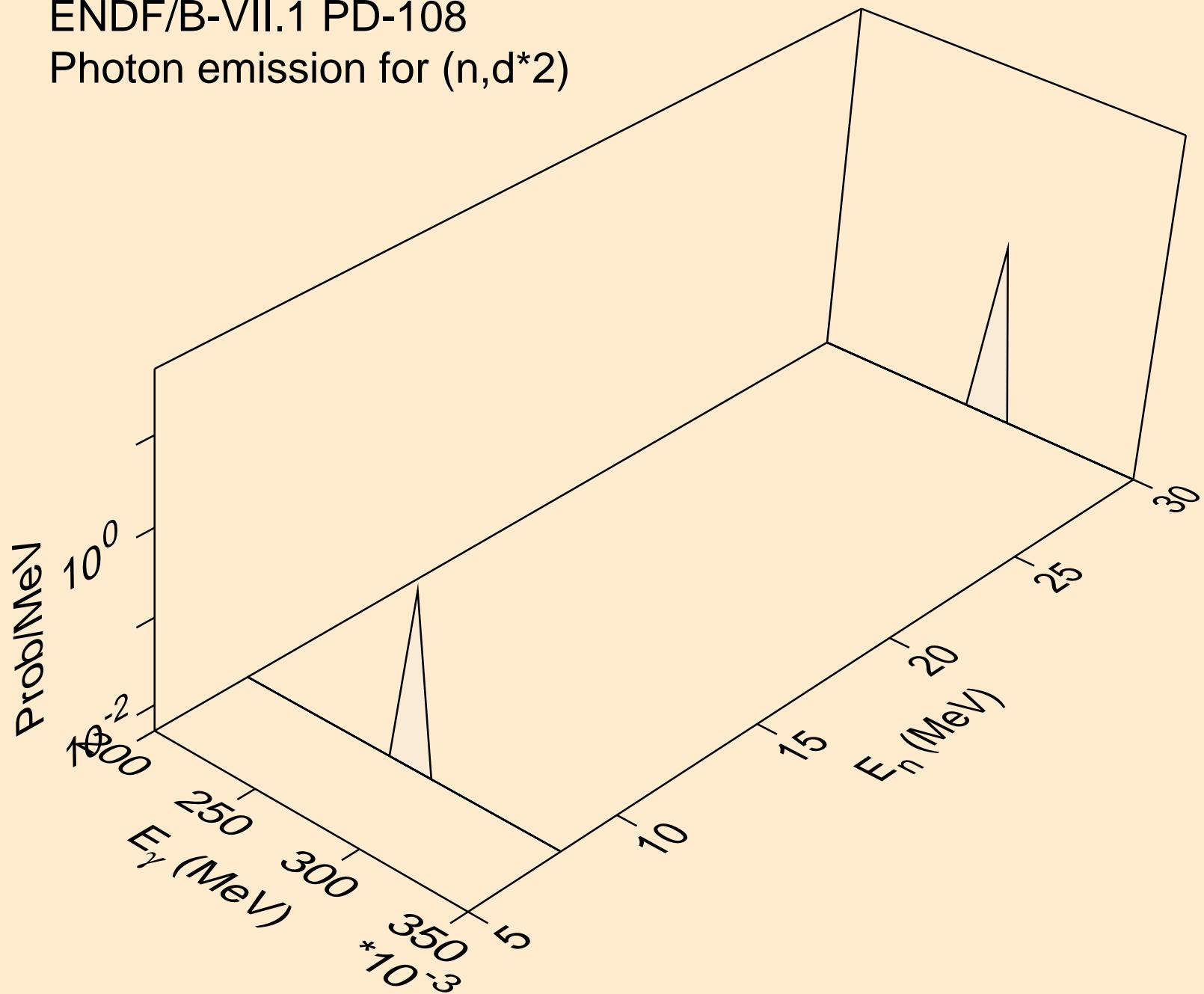
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Photon emission for  $(n, p^* c)$



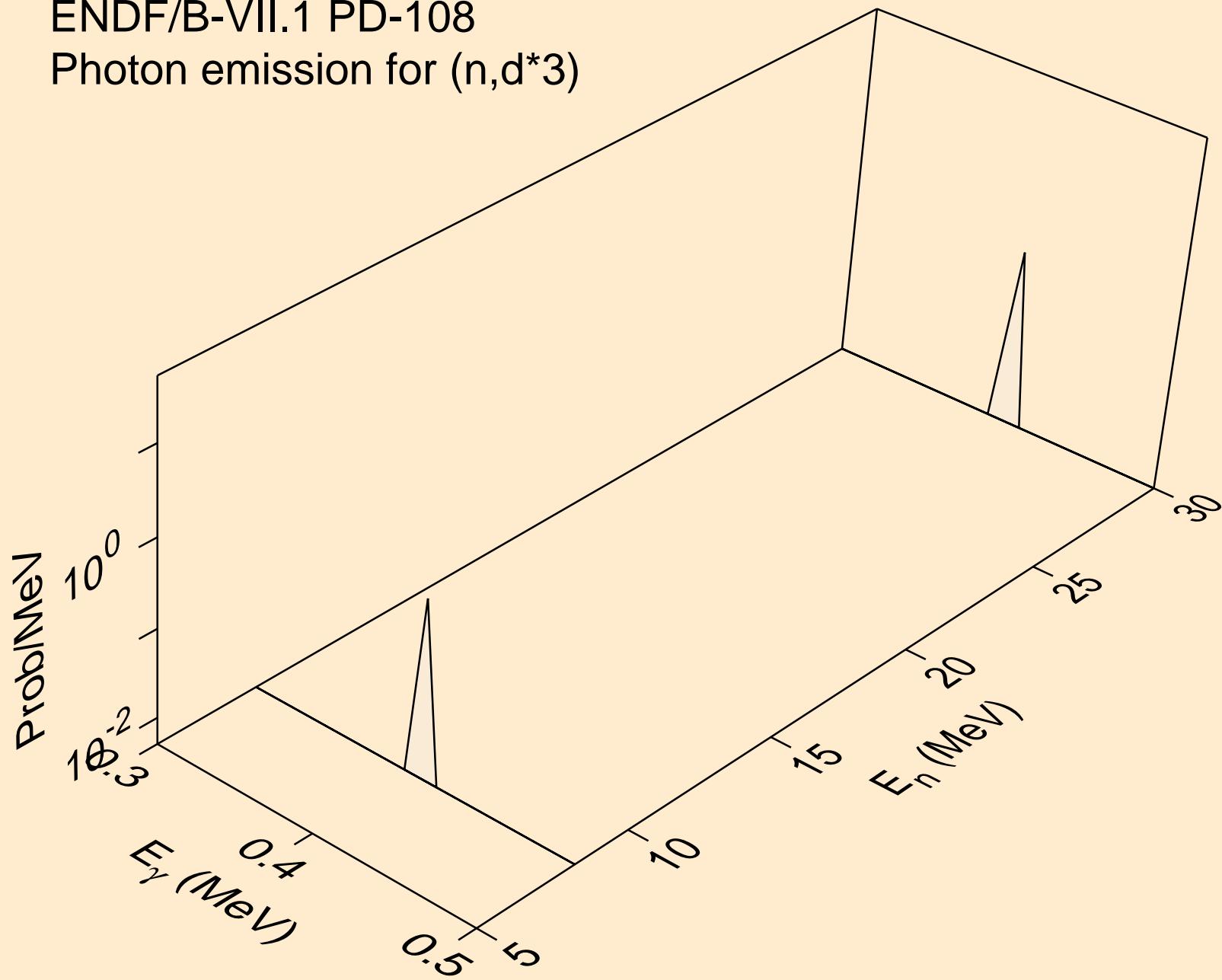
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Photon emission for (n,d\*1)



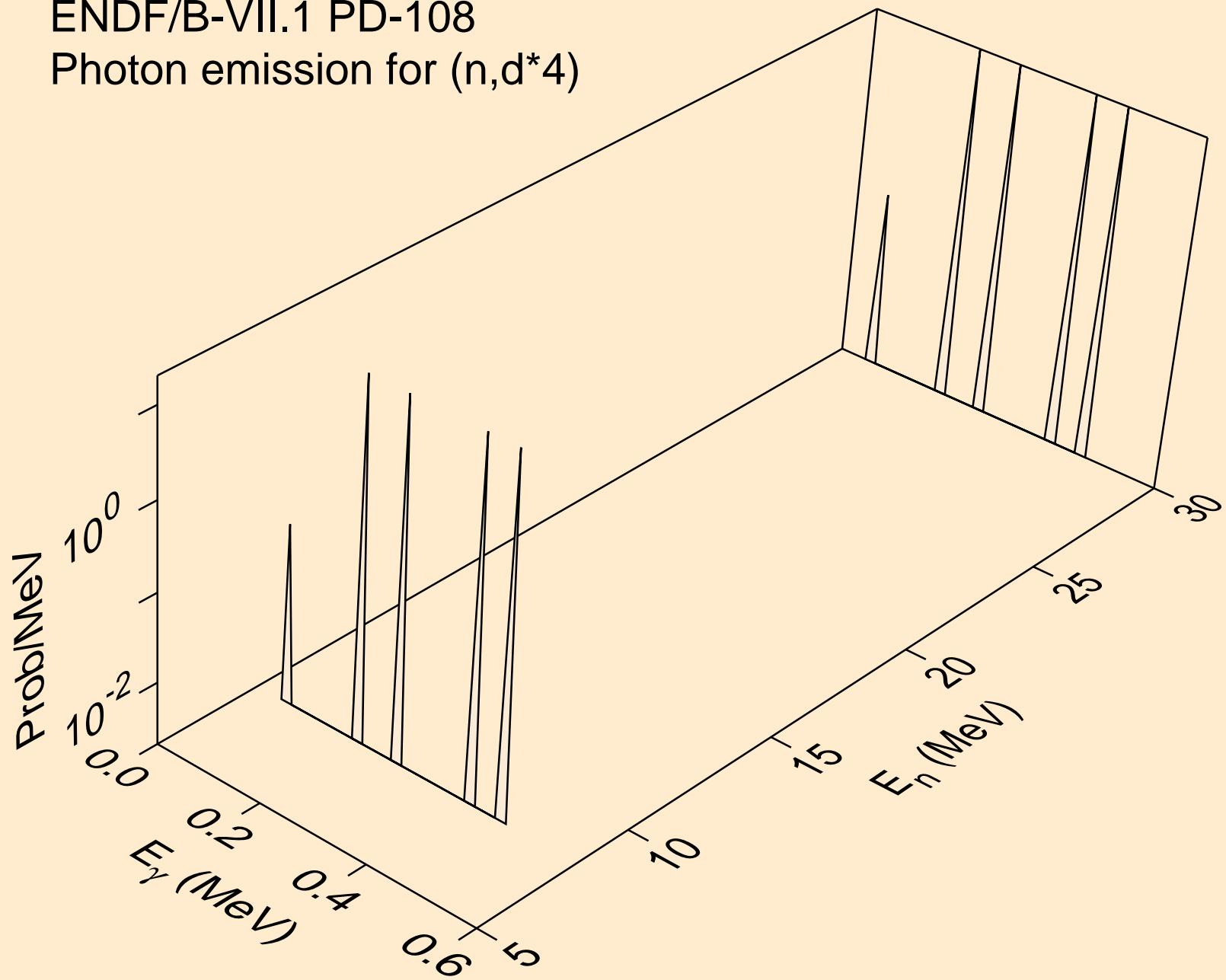
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Photon emission for (n,d\*2)



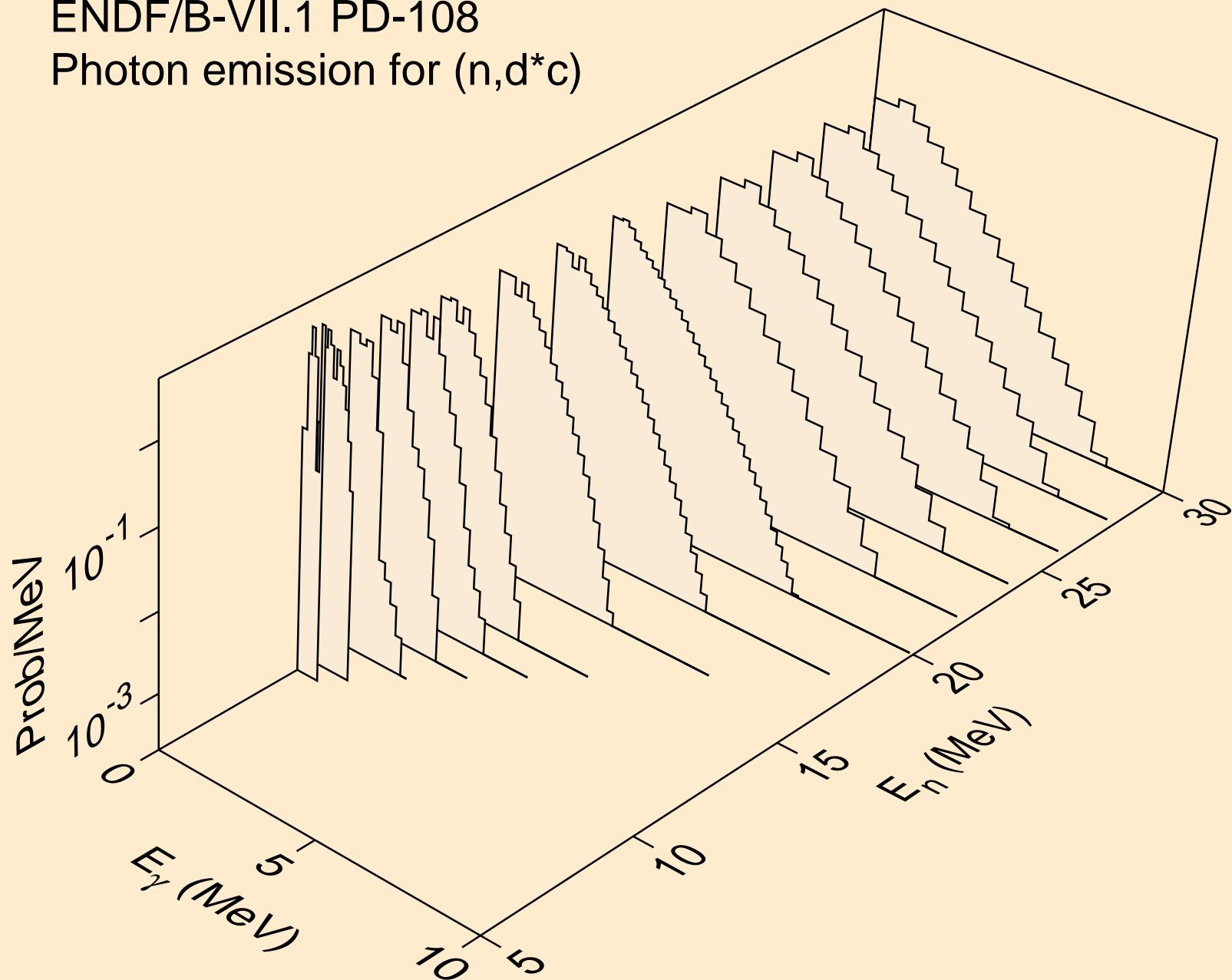
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Photon emission for (n,d\*3)



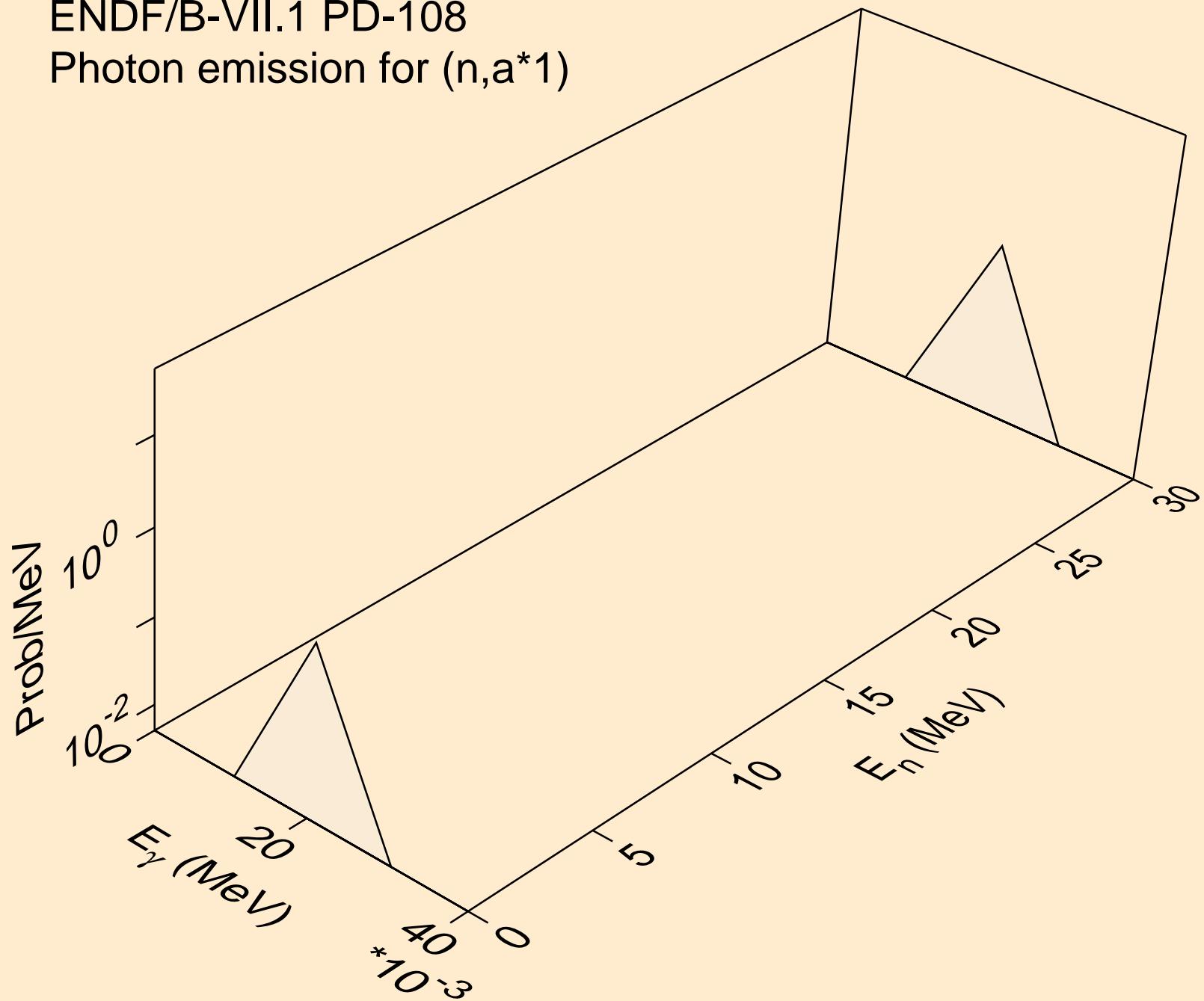
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Photon emission for (n,d\*4)



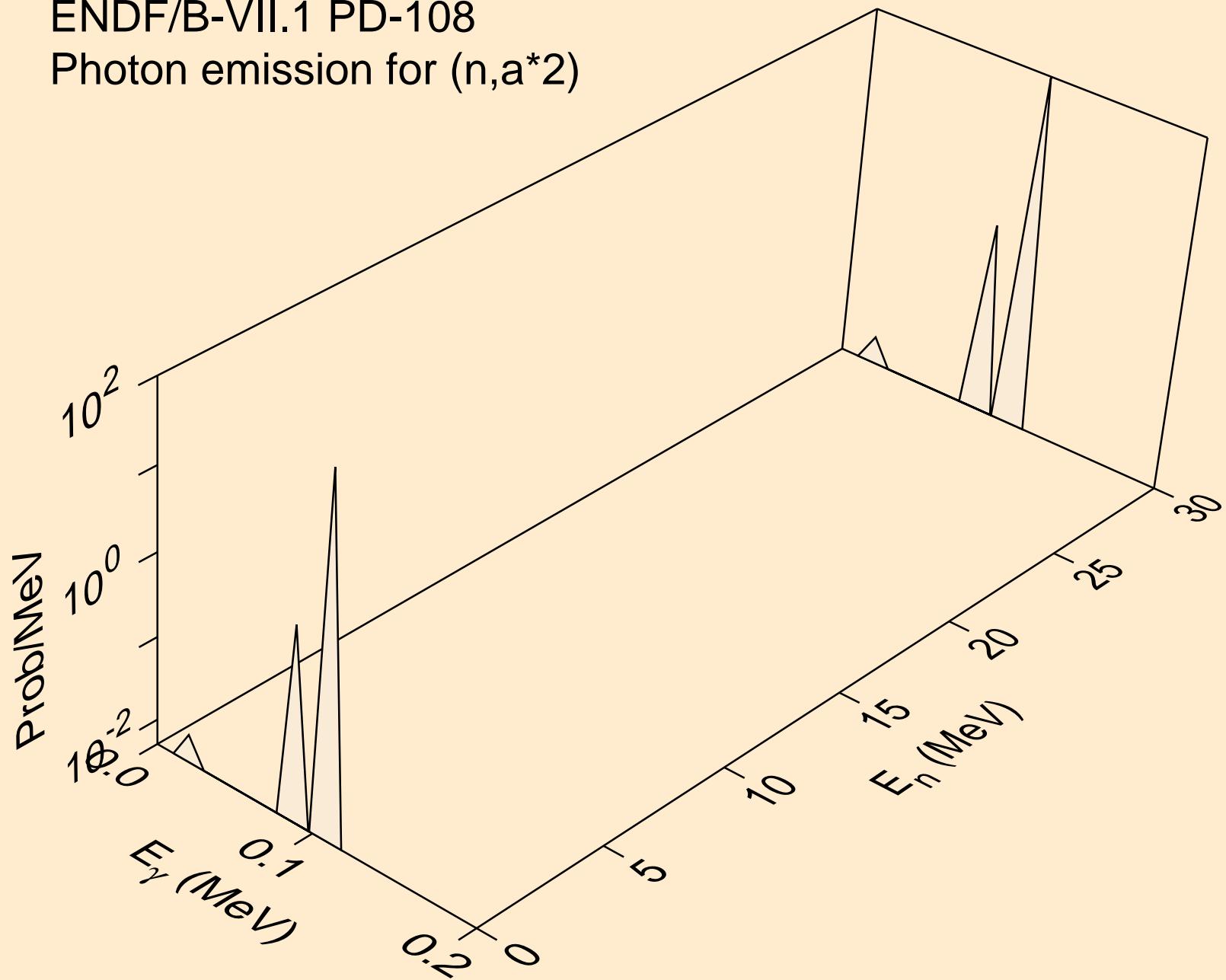
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Photon emission for  $(n, d^* c)$



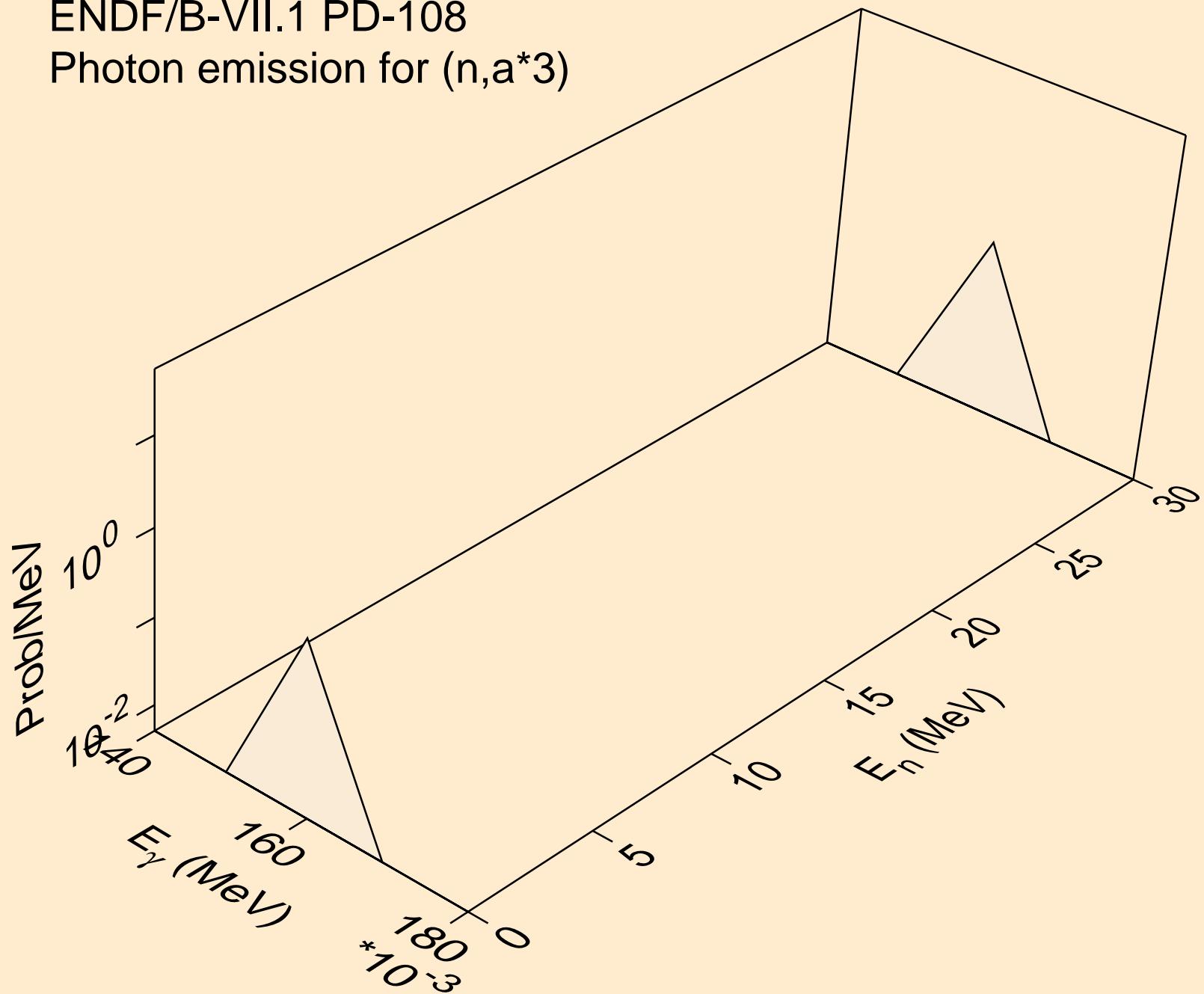
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Photon emission for  $(n, a^* 1)$



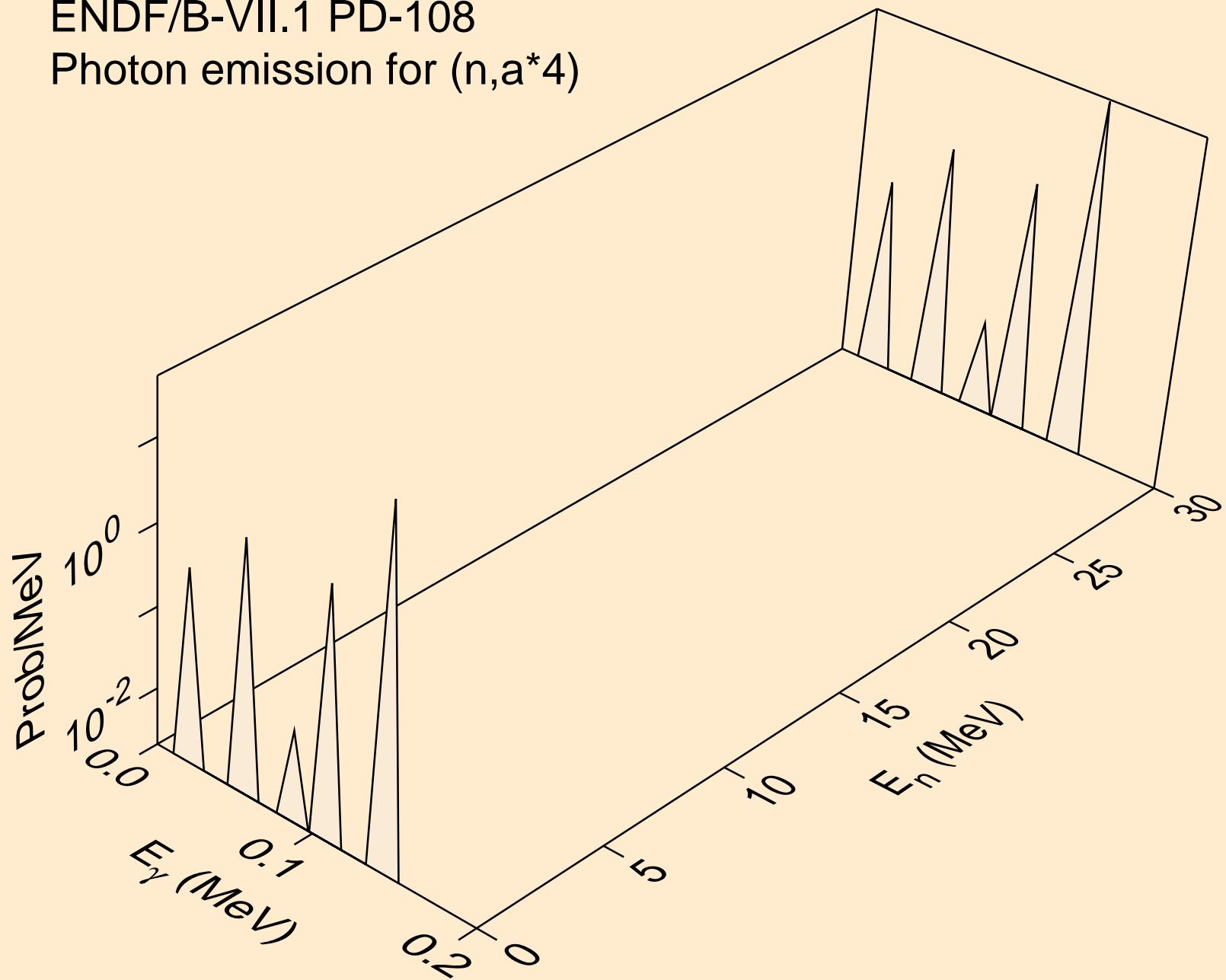
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Photon emission for  $(n, a^2)$



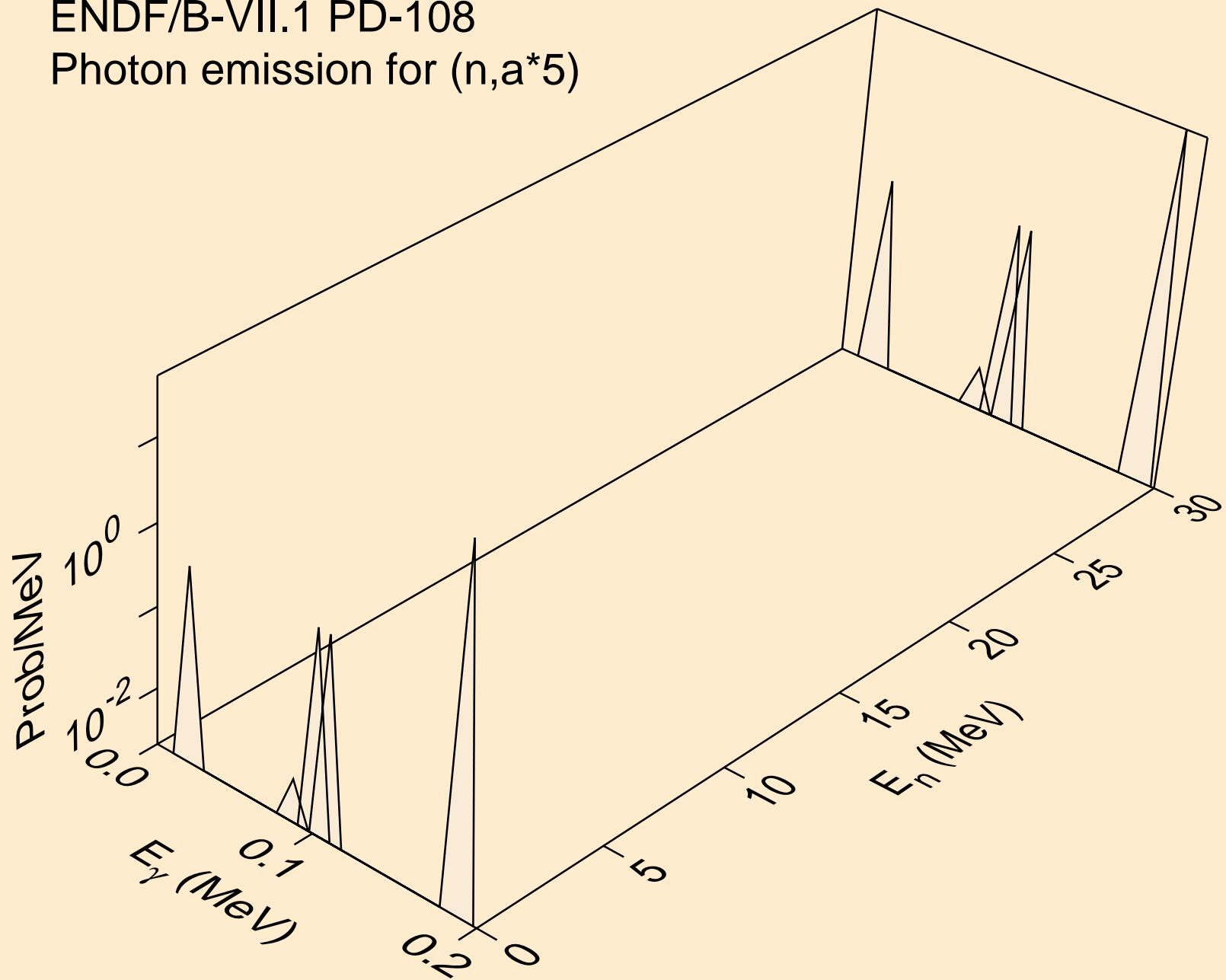
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Photon emission for  $(n, a^*3)$



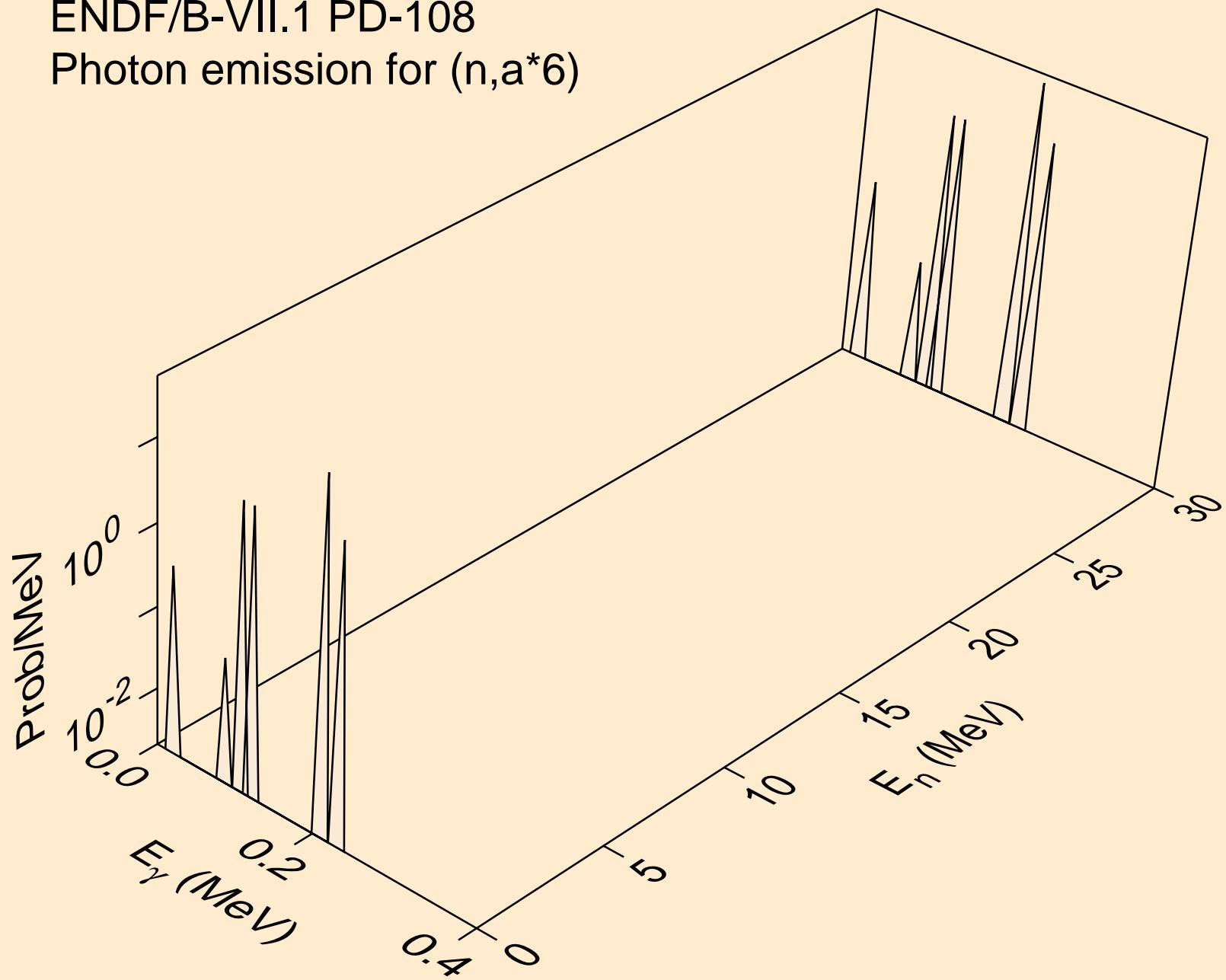
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Photon emission for  $(n, a^* 4)$



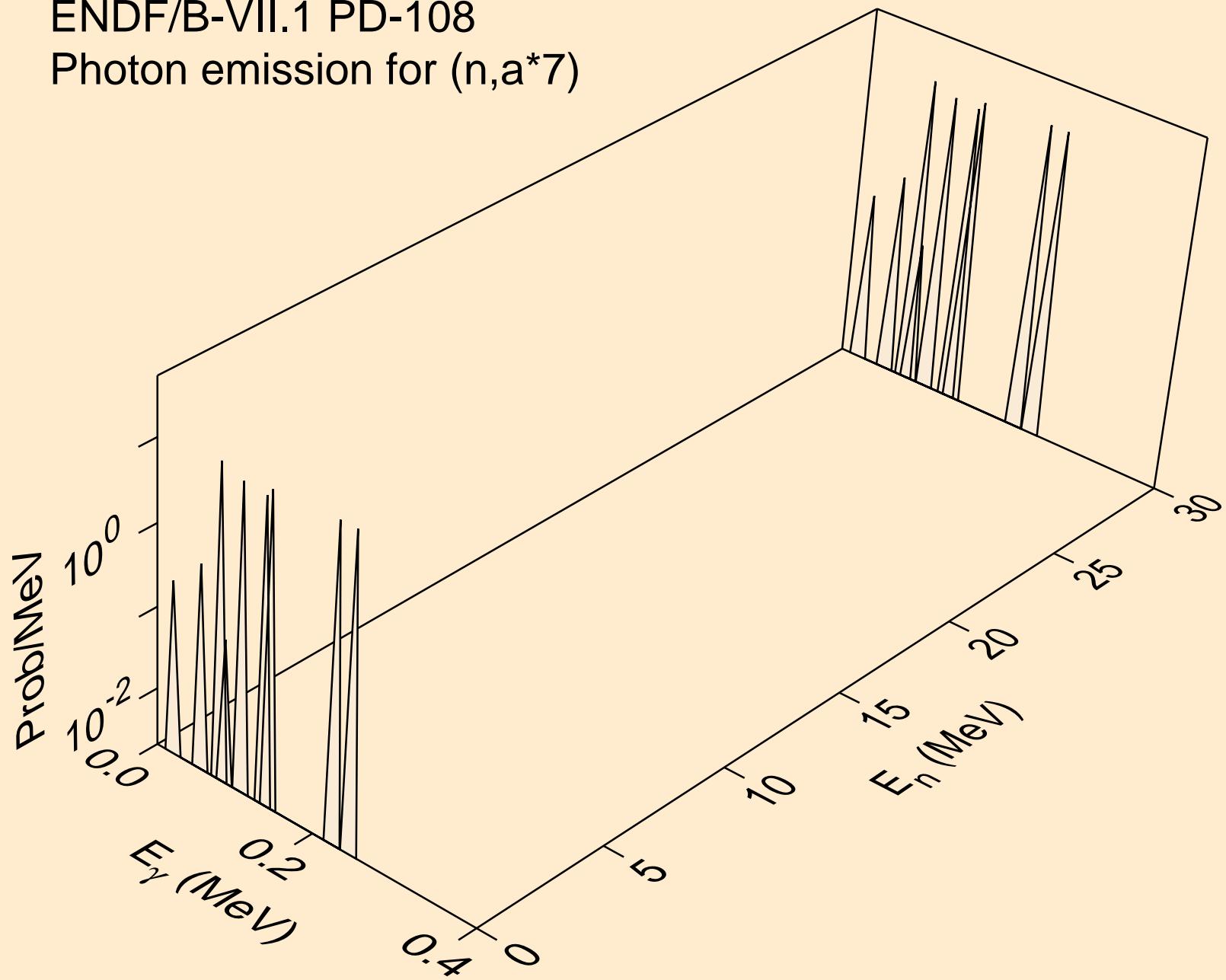
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Photon emission for  $(n,a^*5)$



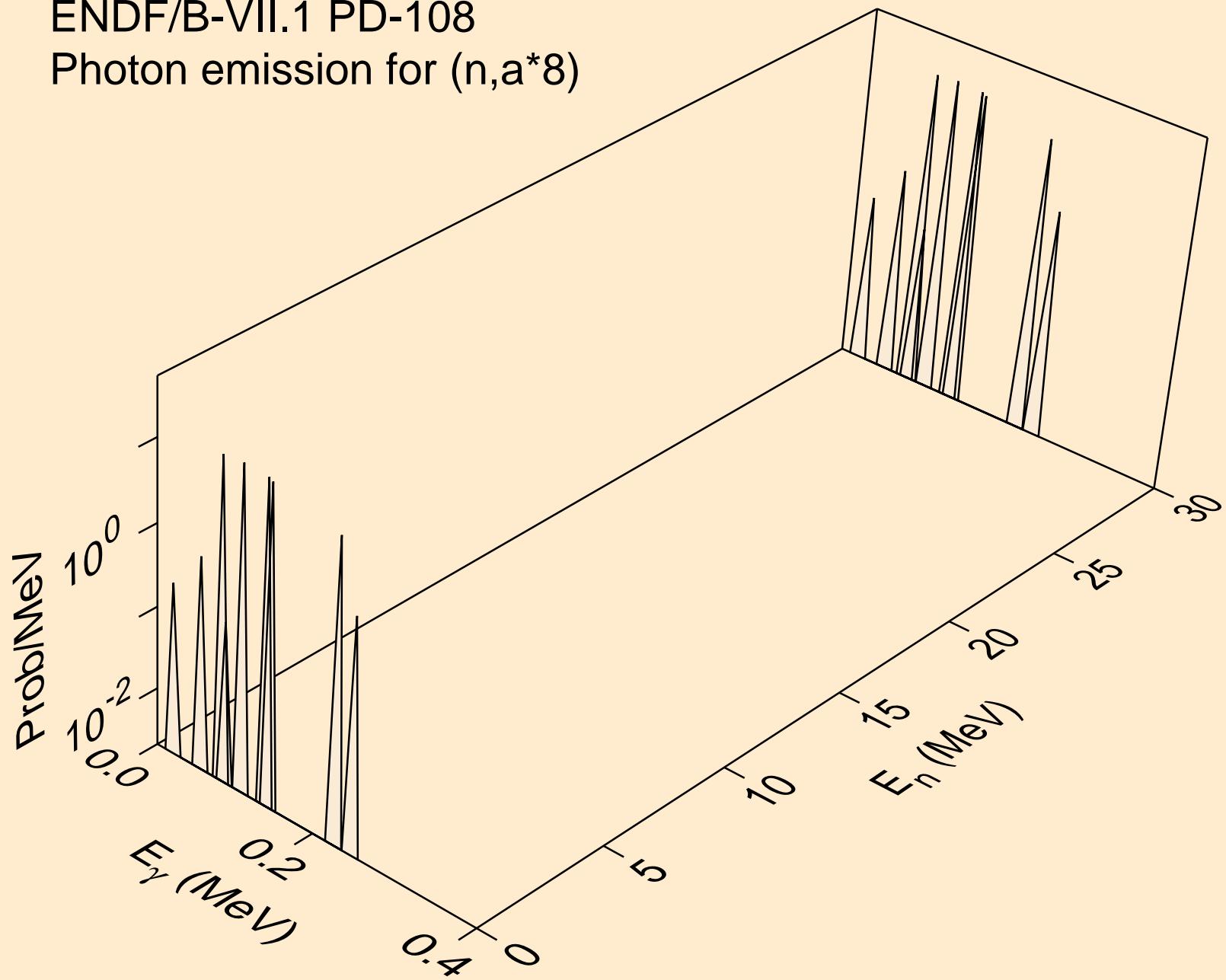
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Photon emission for  $(n,a^*6)$



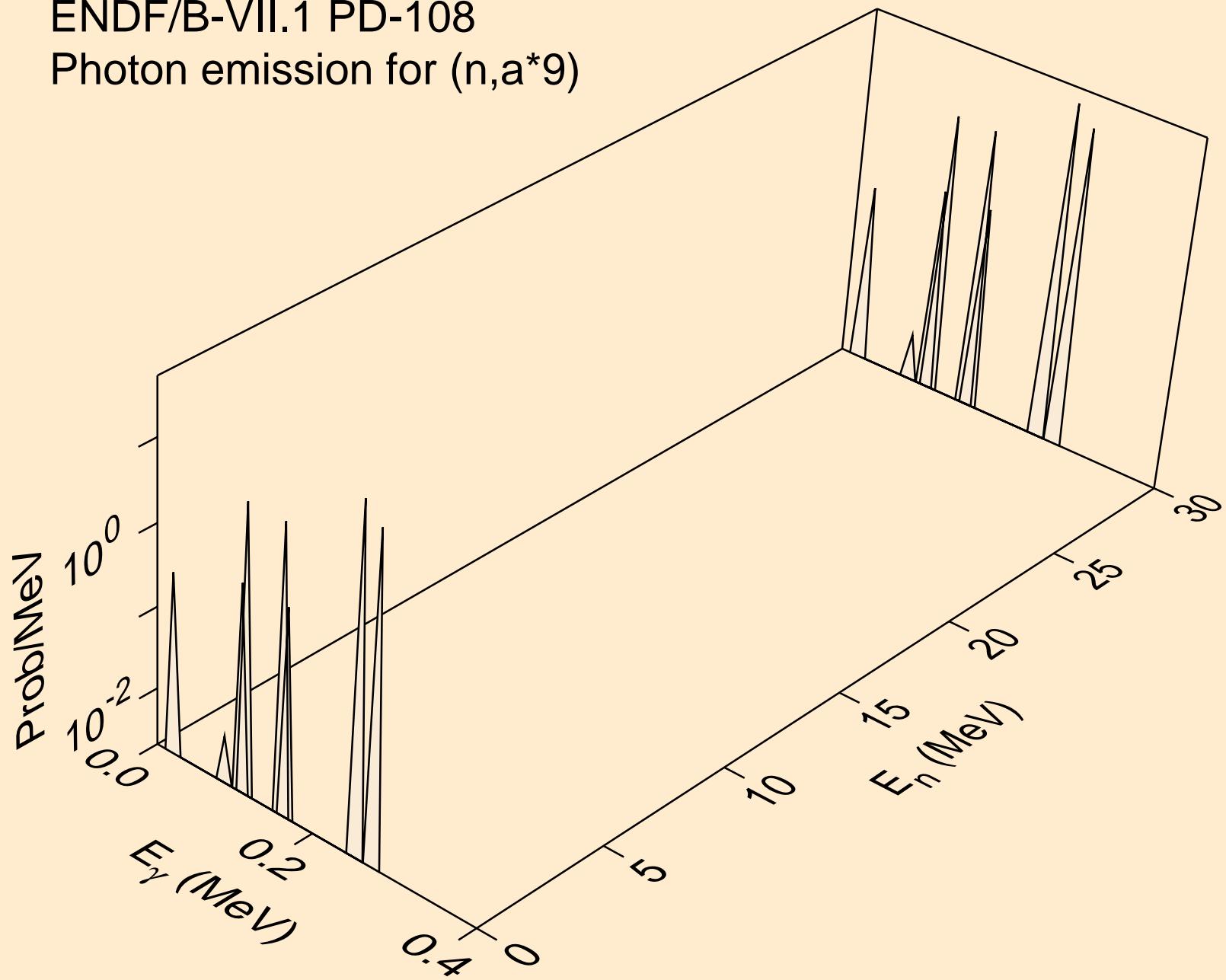
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Photon emission for  $(n,a^*7)$



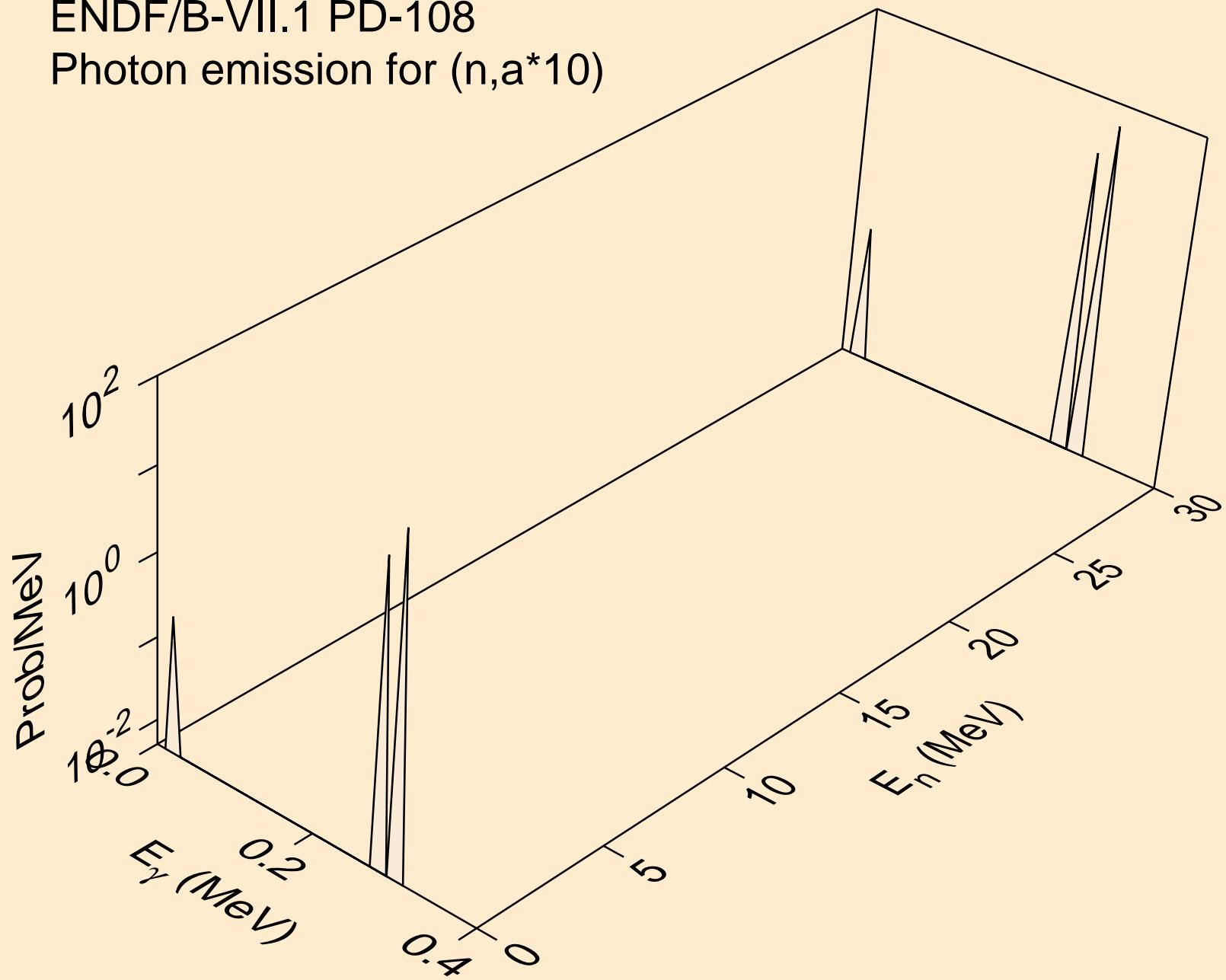
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Photon emission for  $(n, a^* 8)$



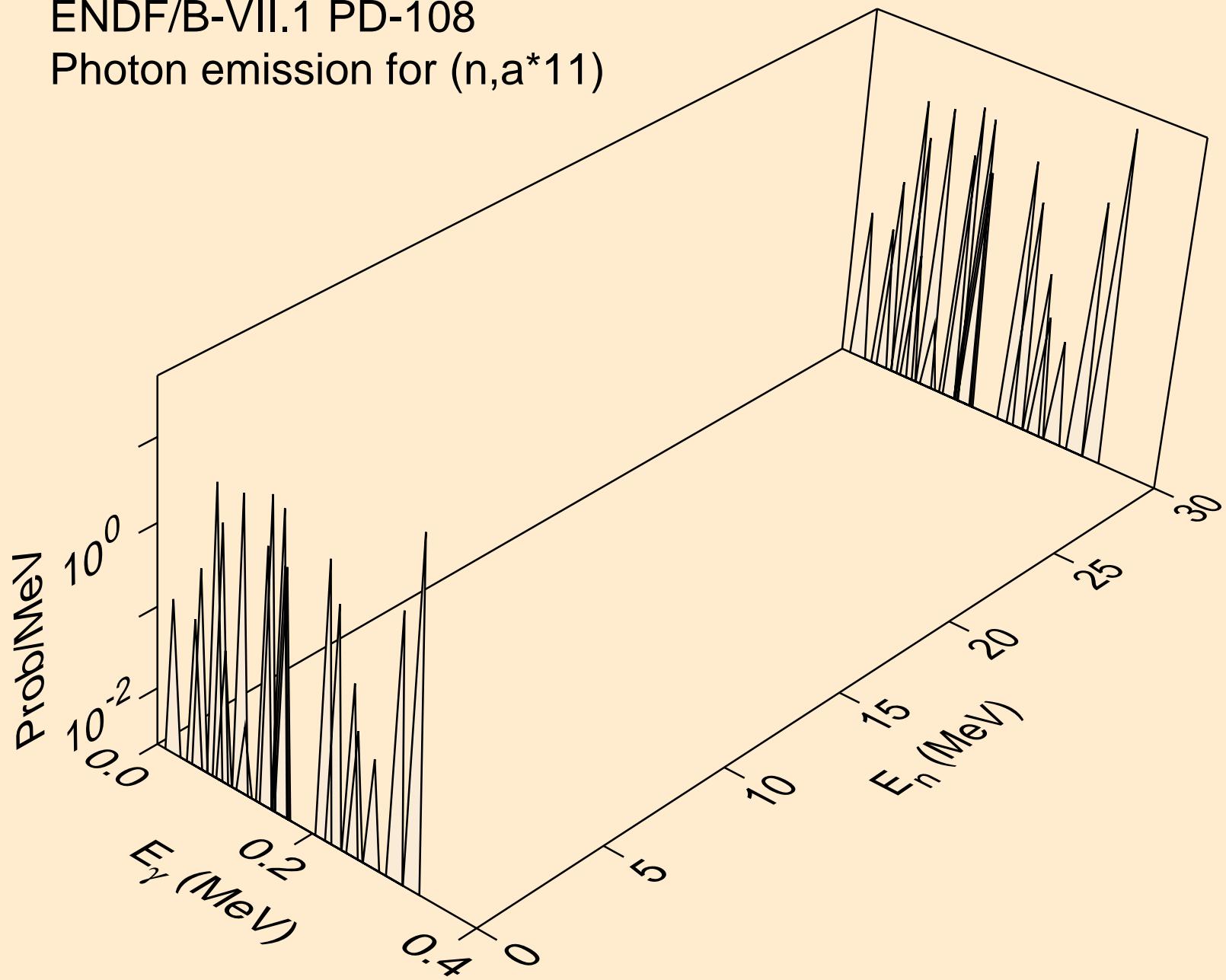
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Photon emission for  $(n,a^*9)$



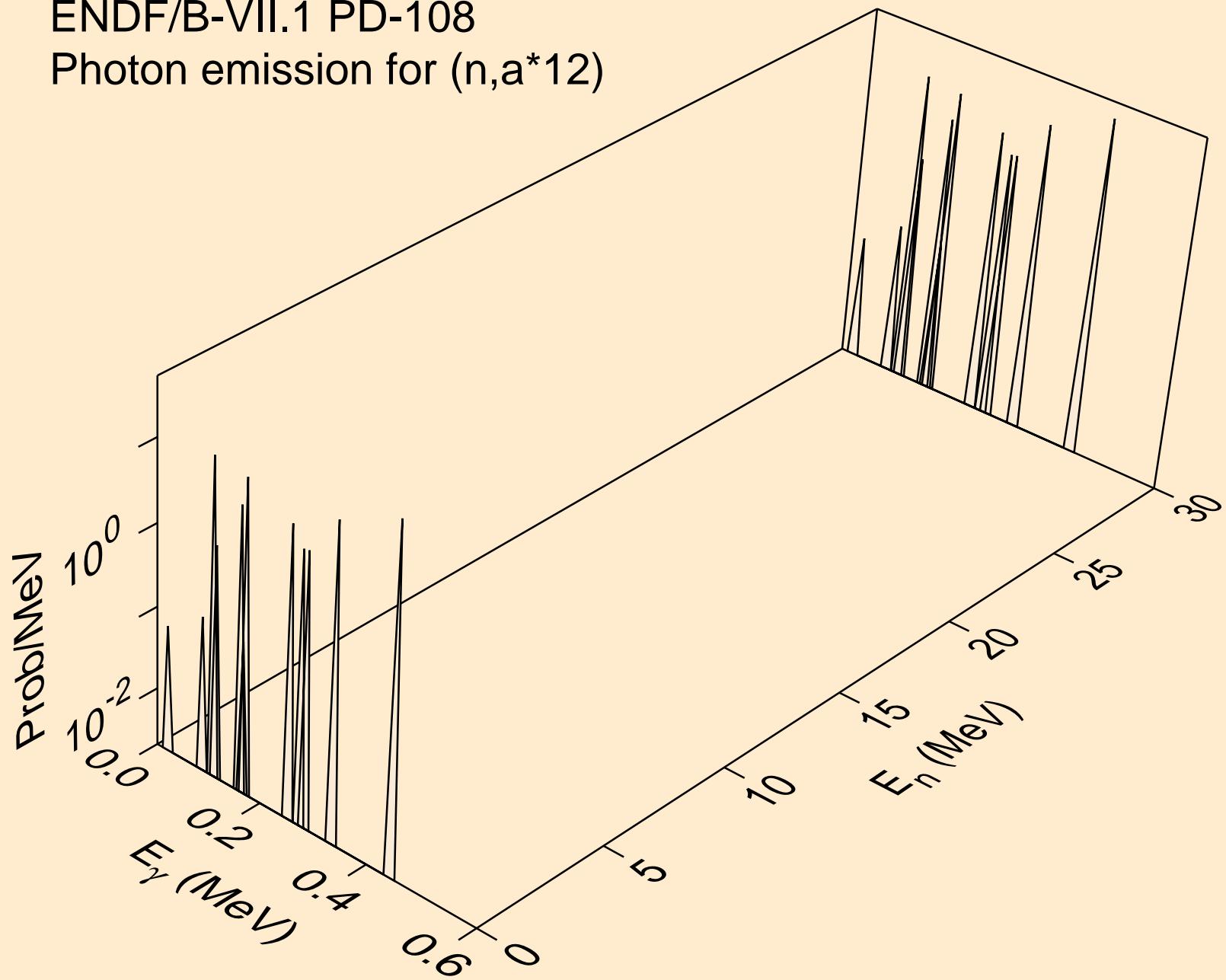
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Photon emission for  $(n,a^*10)$



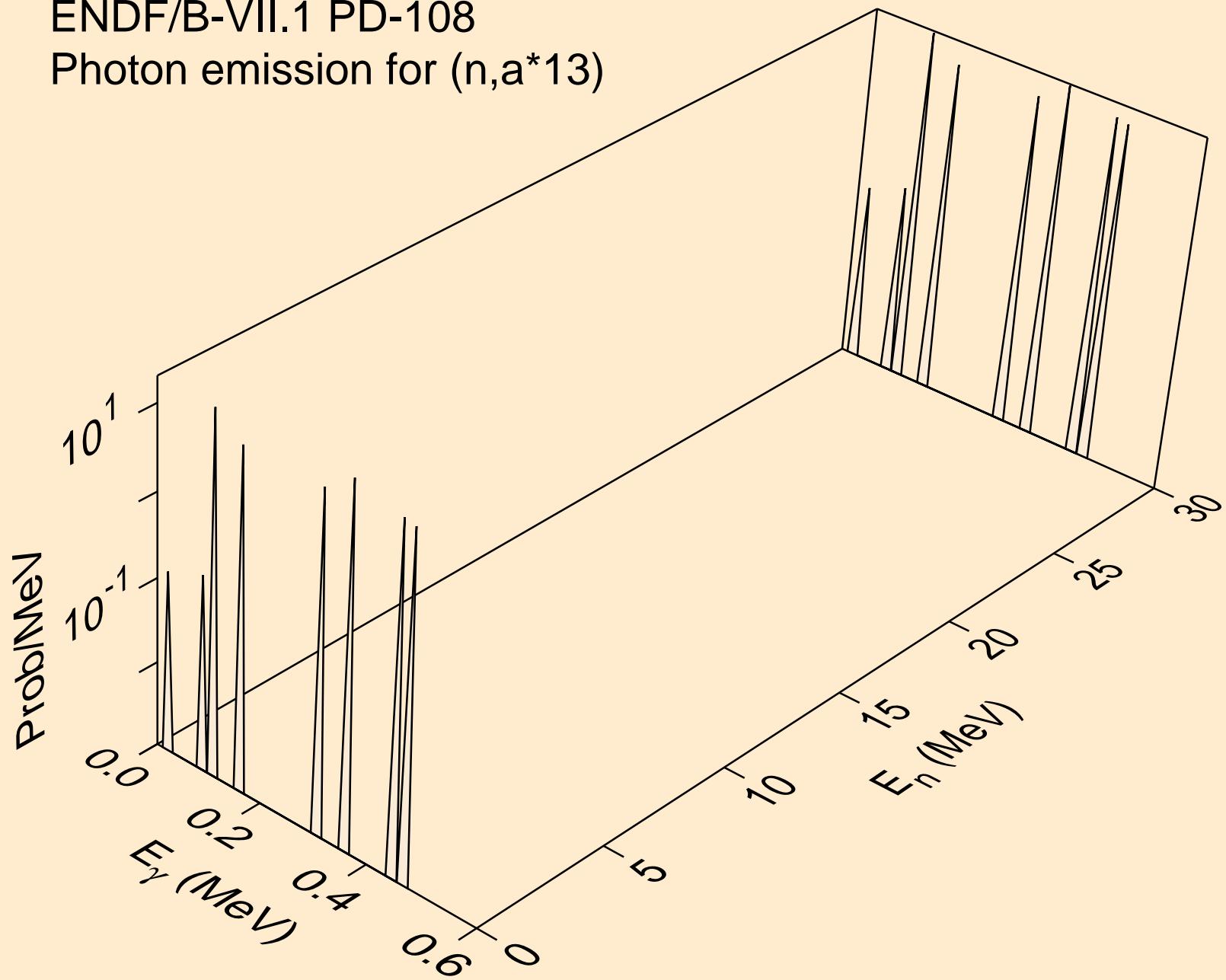
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Photon emission for  $(n,a^{*}11)$



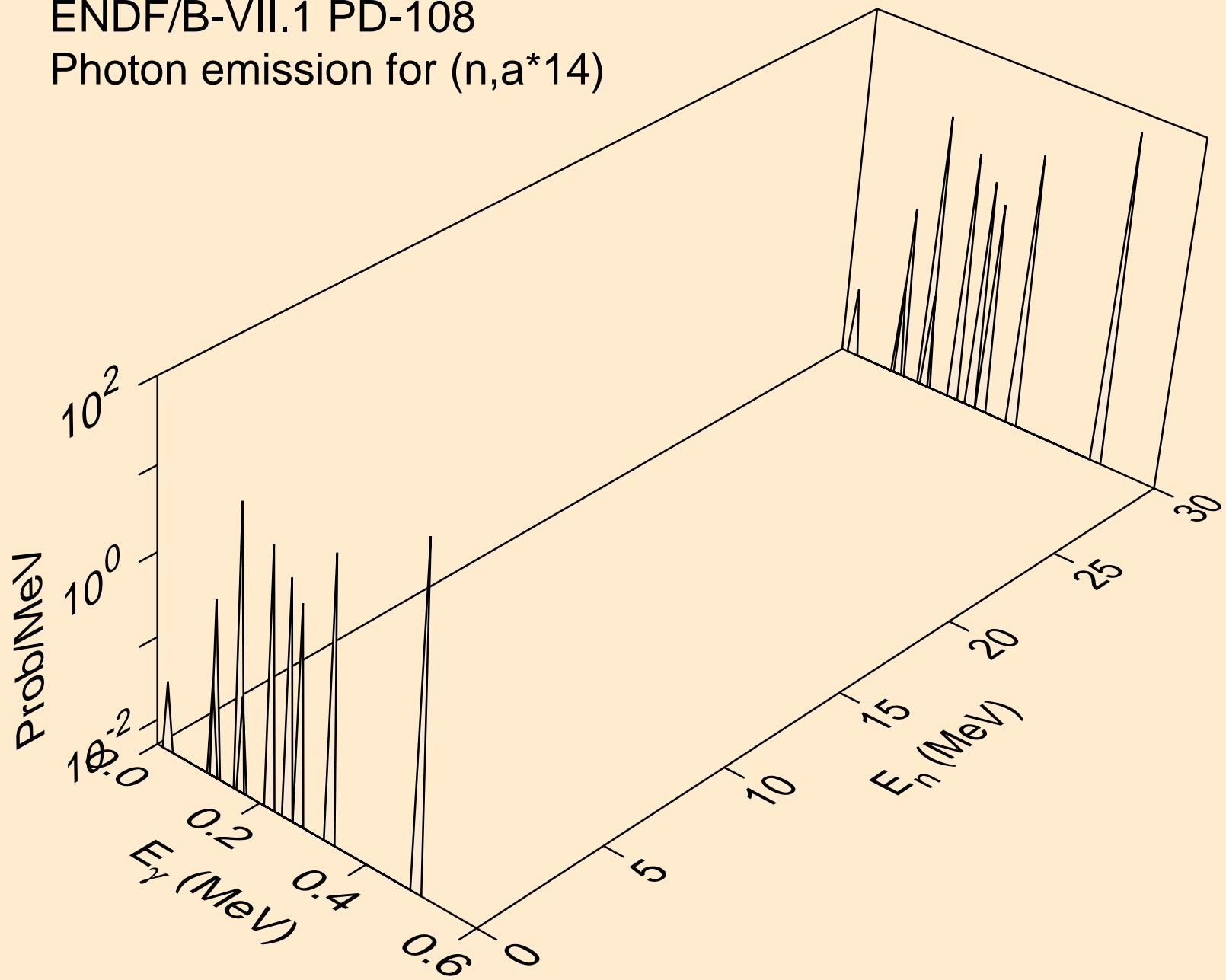
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Photon emission for  $(n, a^* 12)$



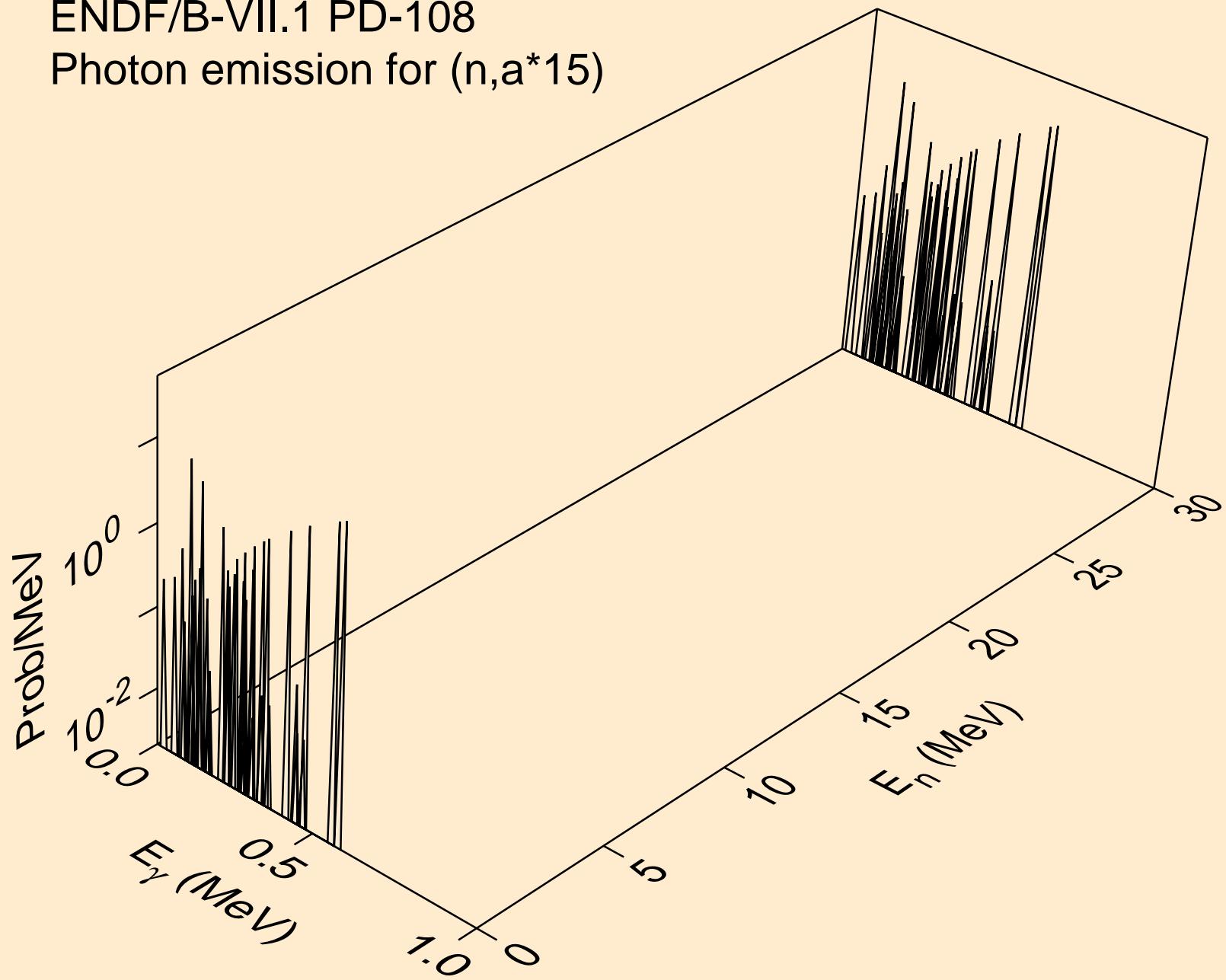
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Photon emission for  $(n, a^* 13)$



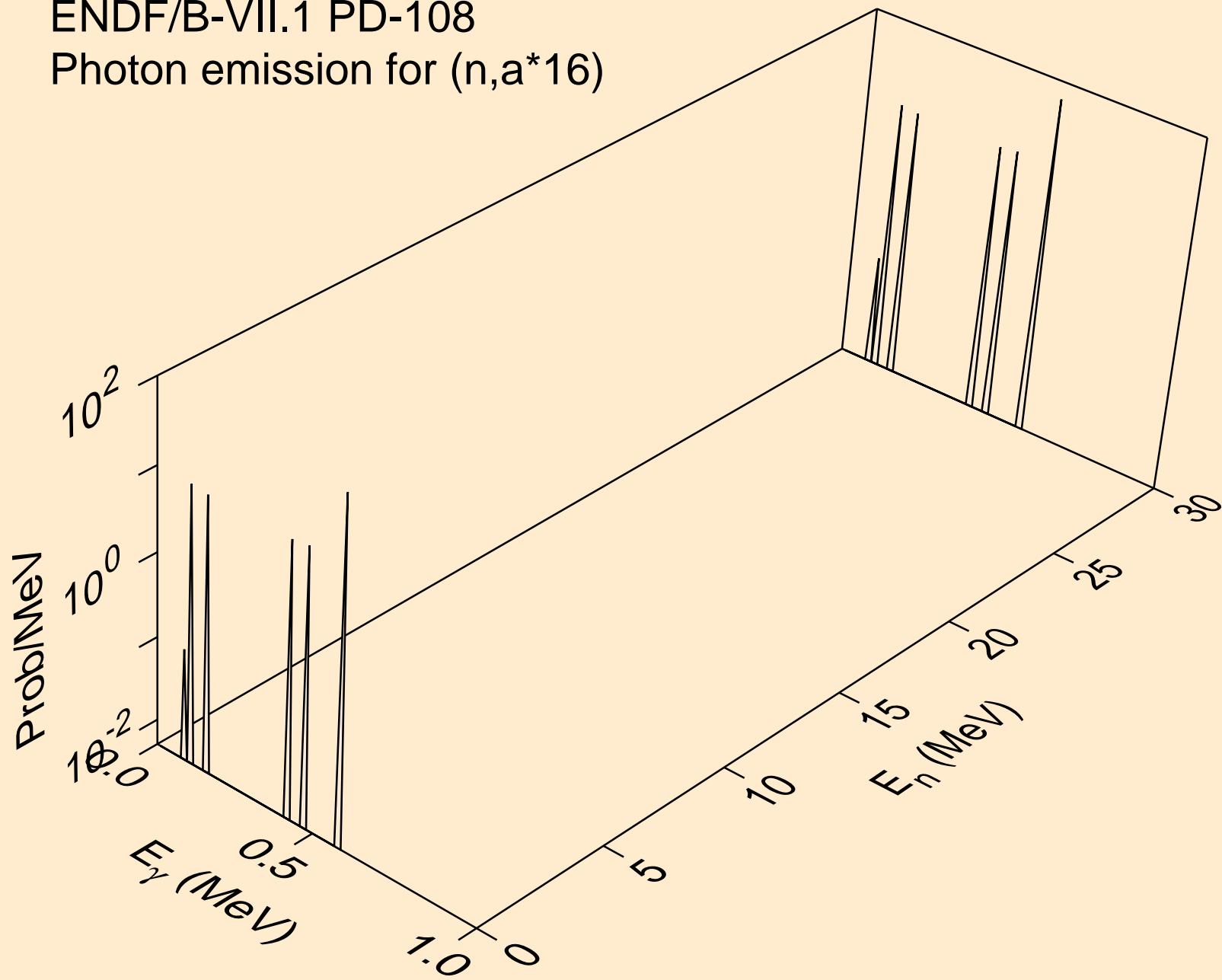
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Photon emission for  $(n, a^* 14)$



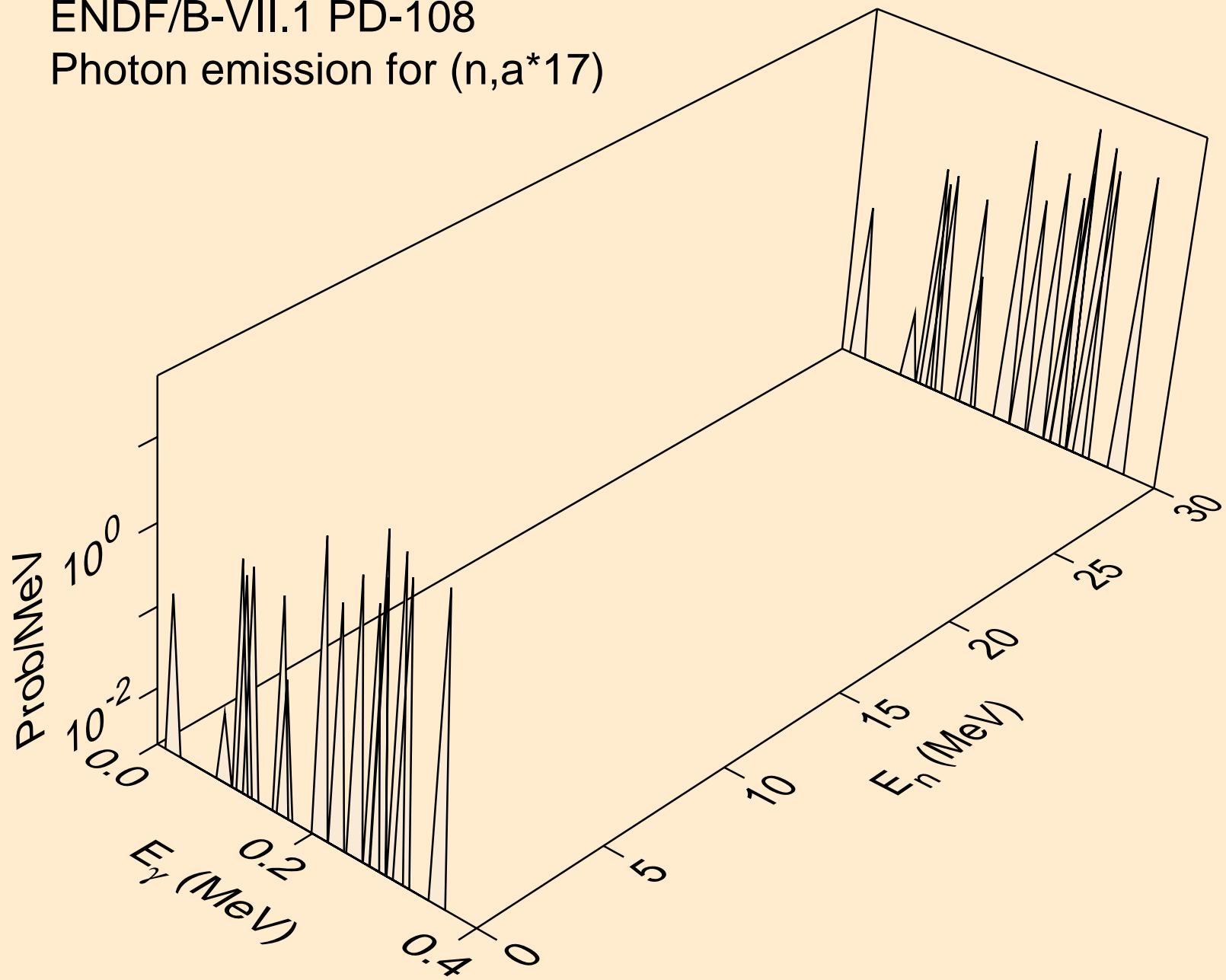
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Photon emission for  $(n,a^{*}15)$



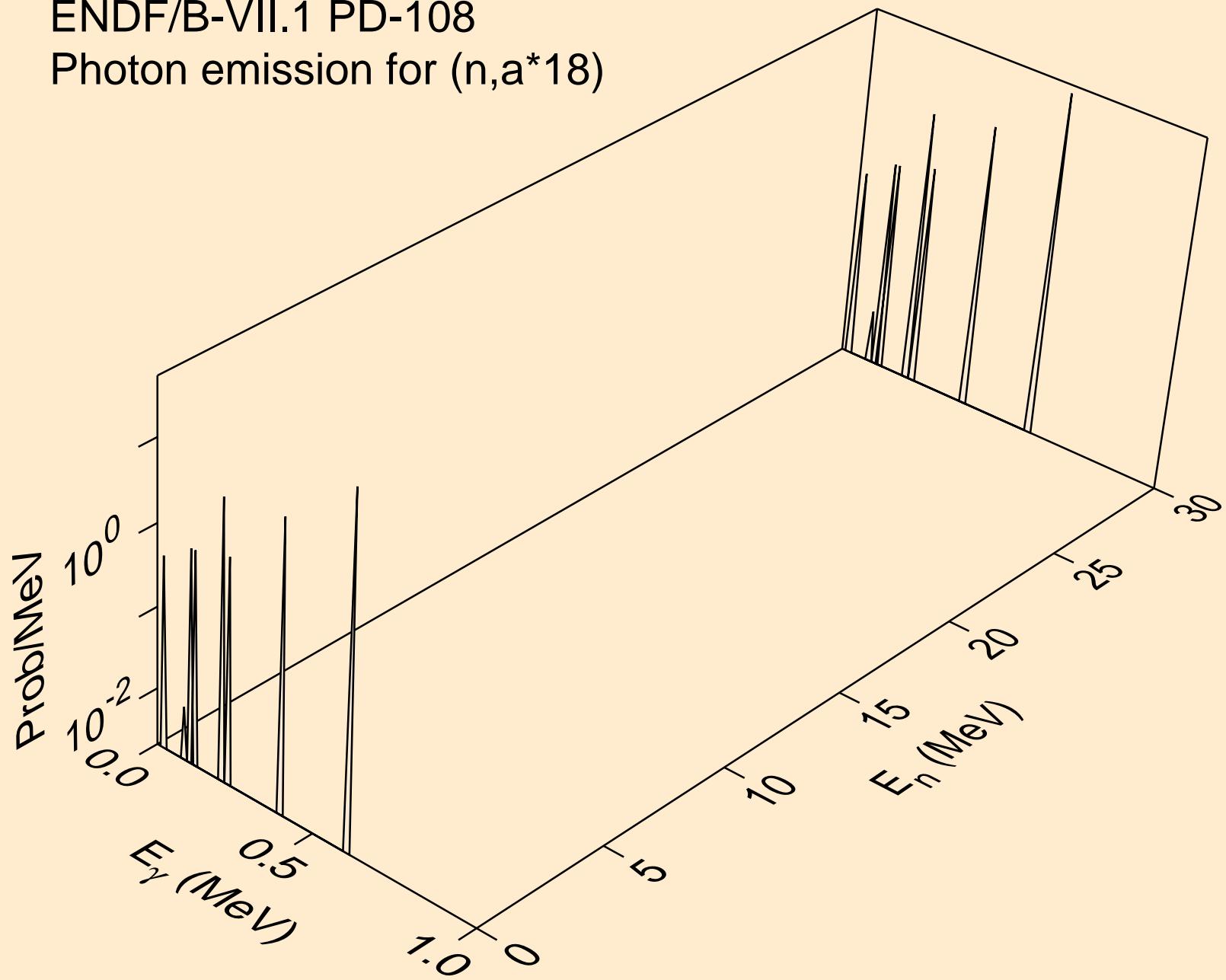
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Photon emission for  $(n,a^*16)$



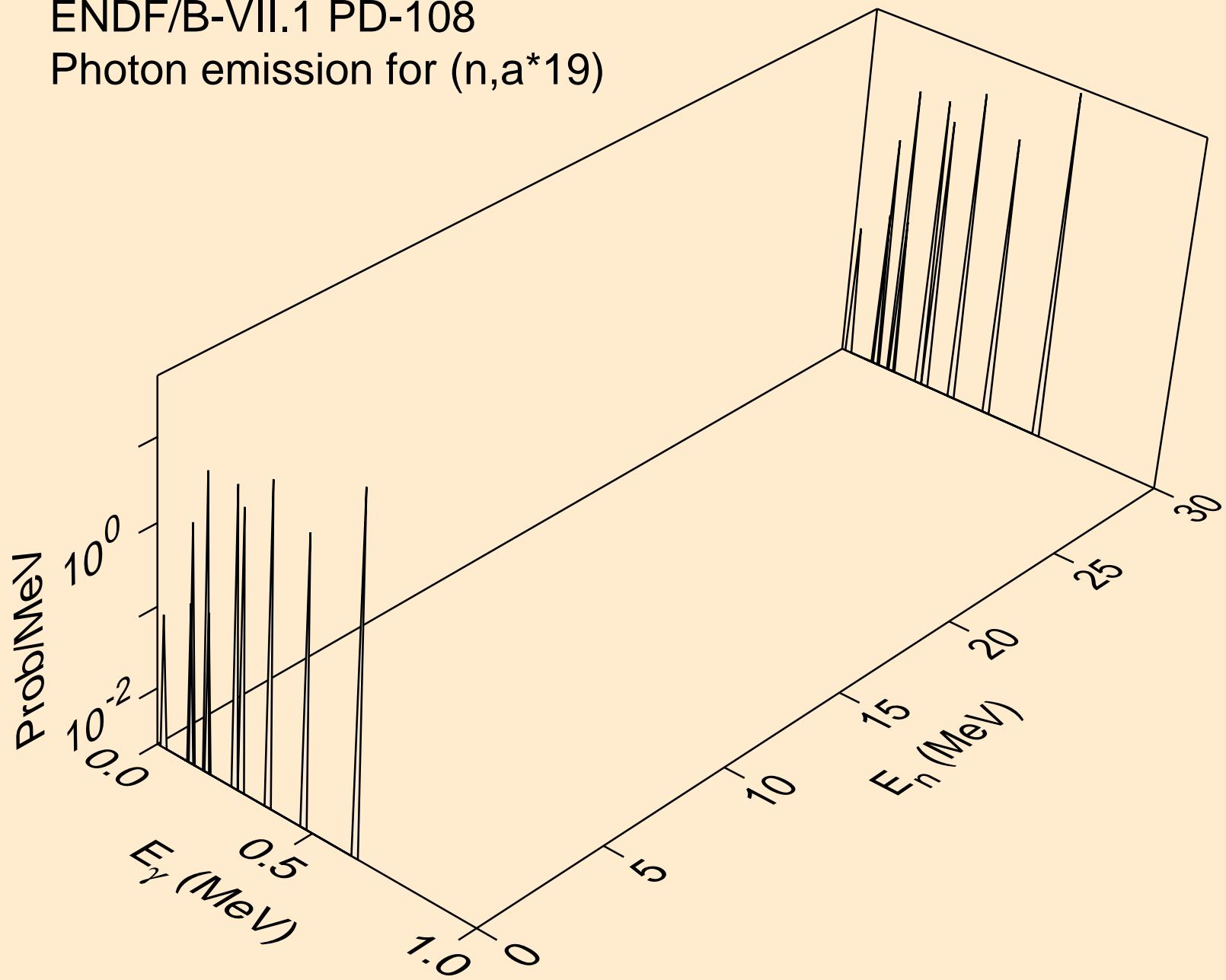
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Photon emission for  $(n,a^{*}17)$



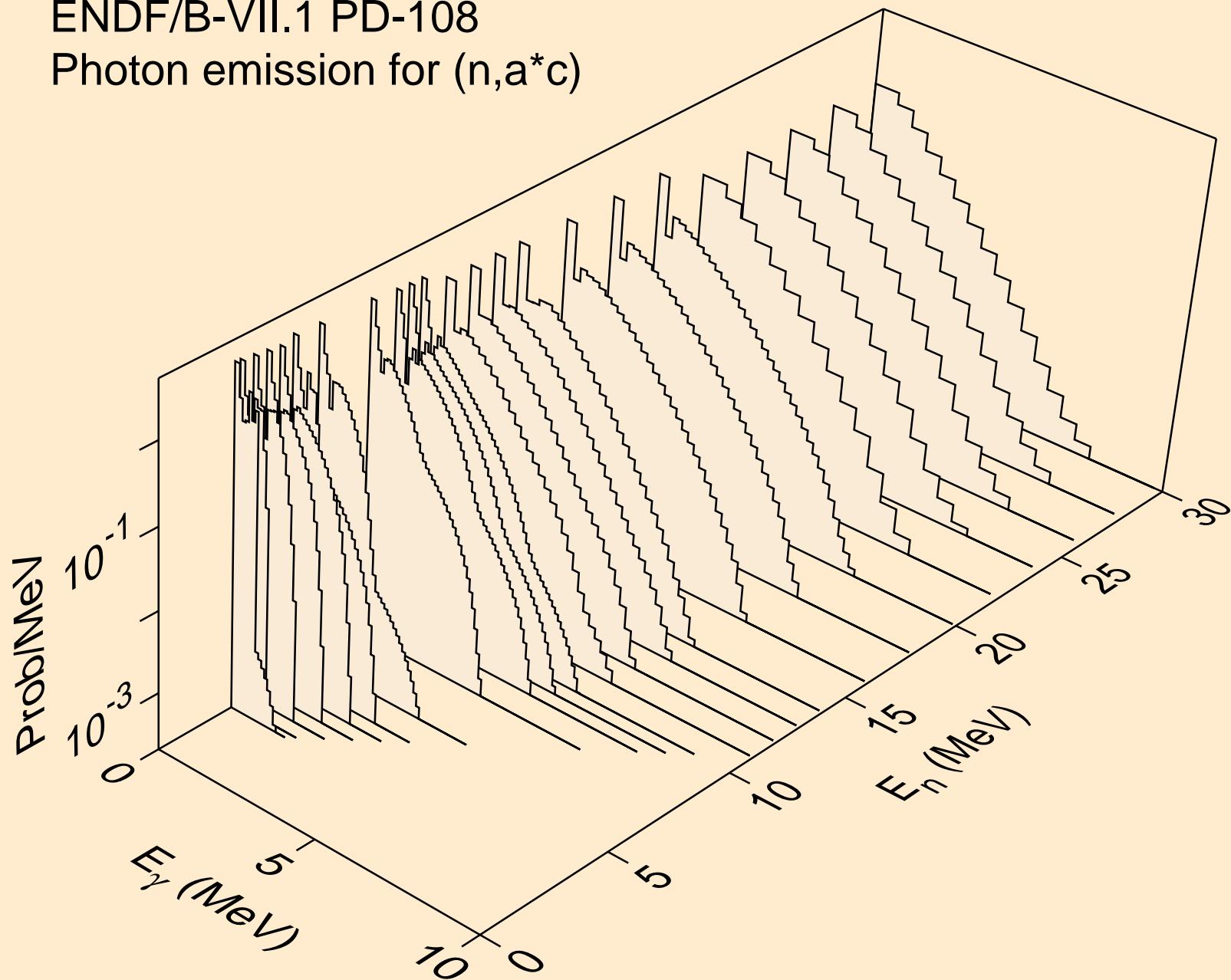
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Photon emission for  $(n, a^* 18)$



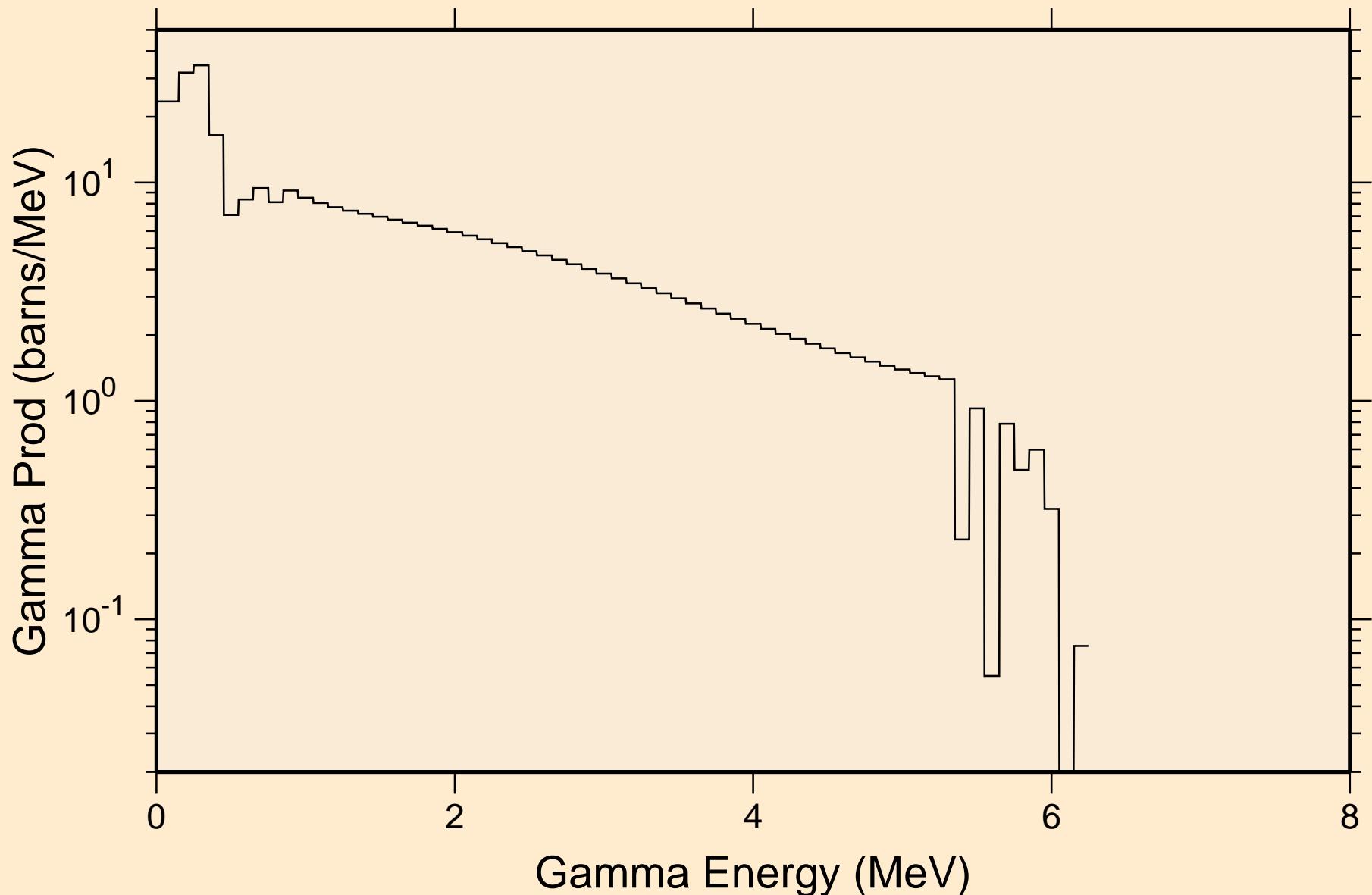
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Photon emission for  $(n,a^*19)$



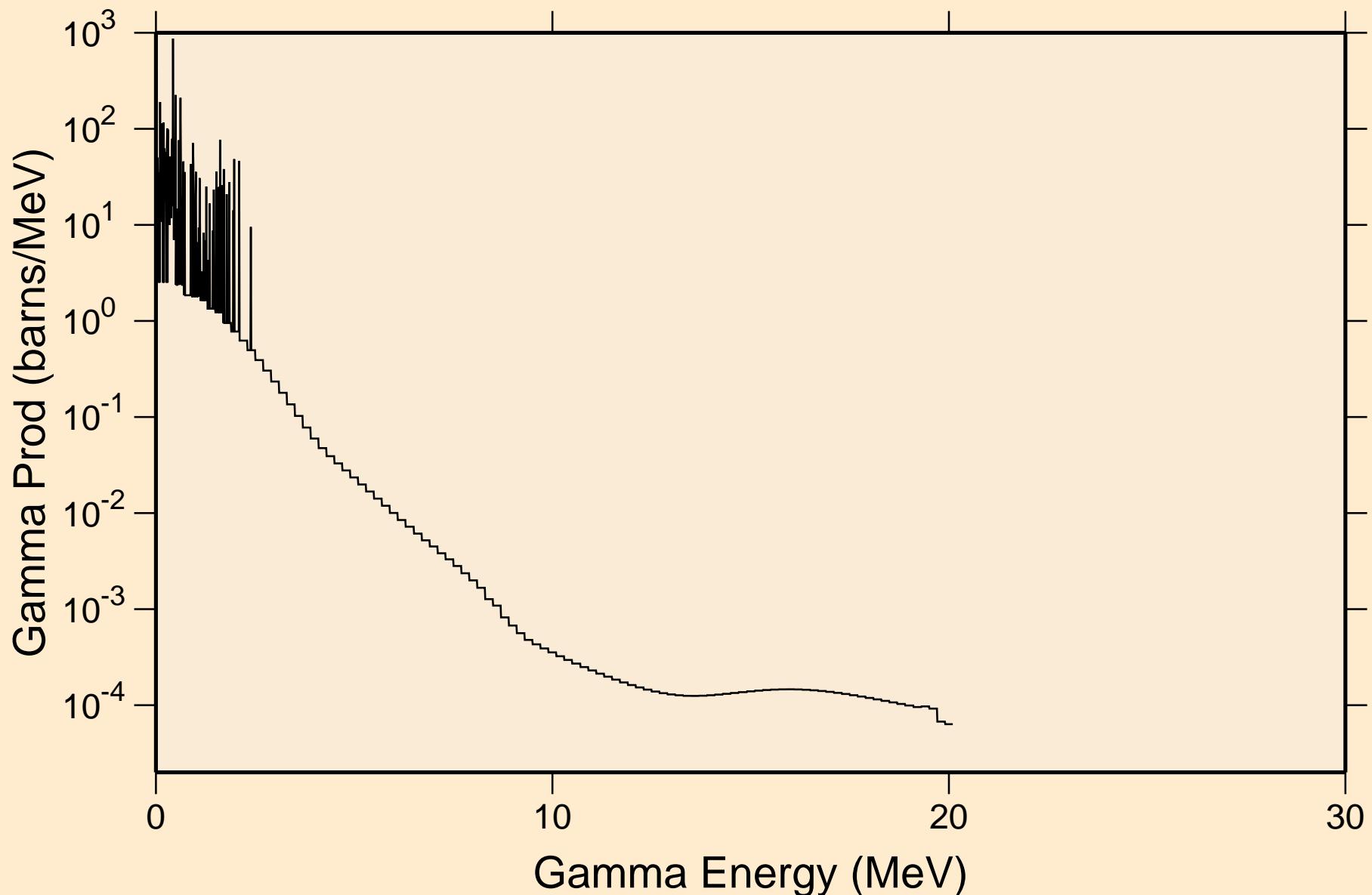
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Photon emission for  $(n, a^* c)$



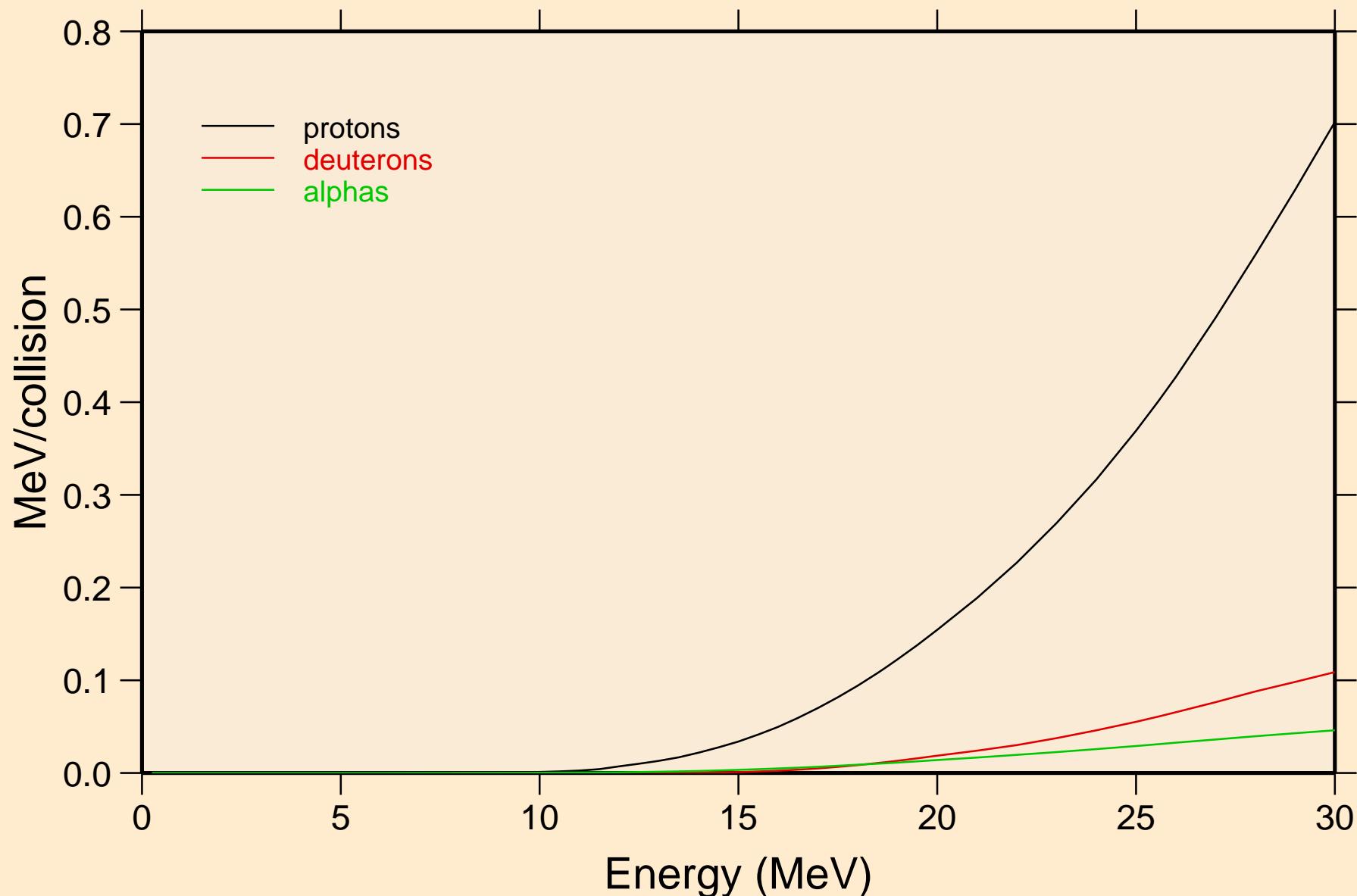
ENDF/B-VII.1 PD-108  
thermal capture photon spectrum



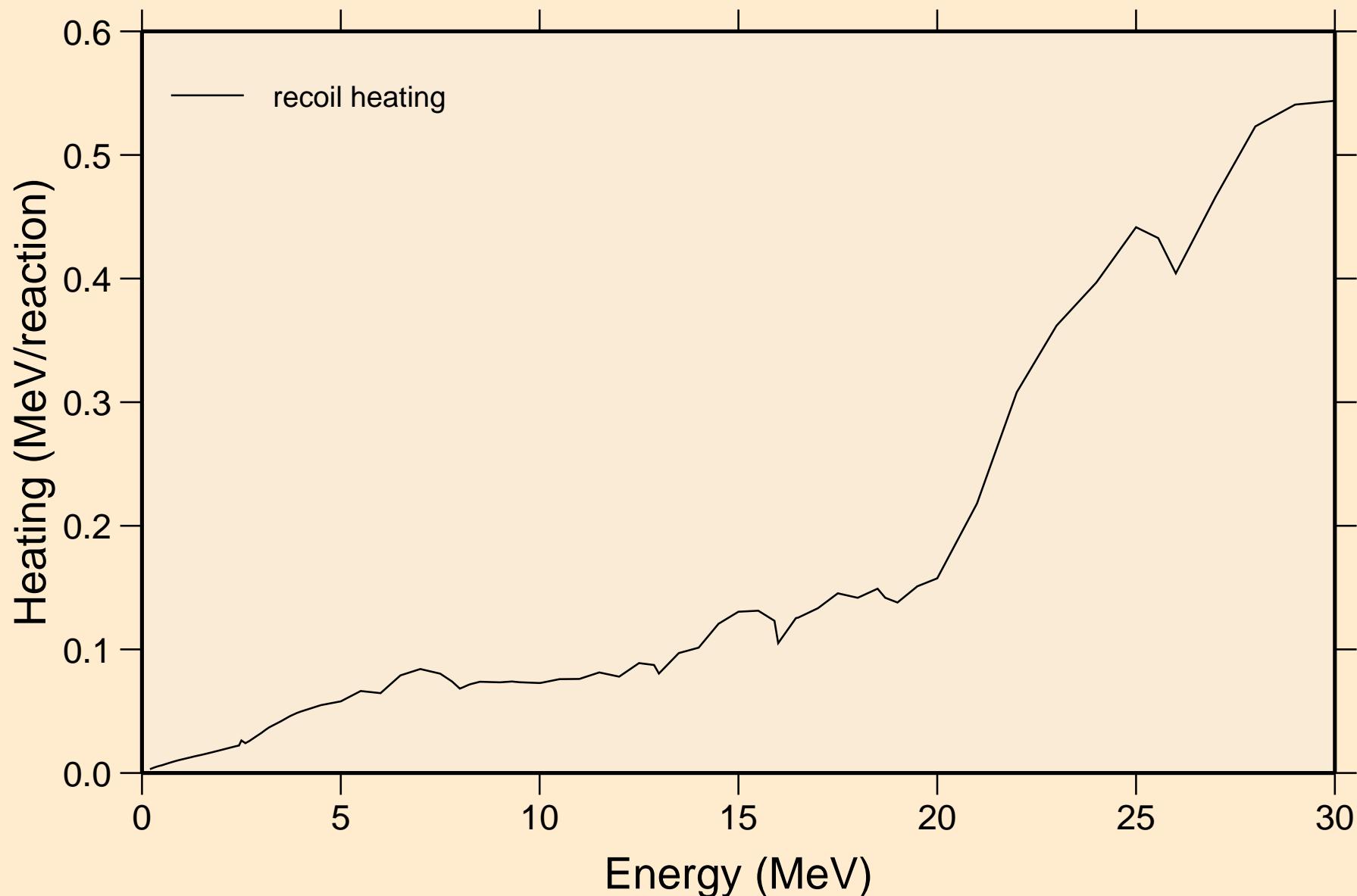
ENDF/B-VII.1 PD-108  
14 MeV photon spectrum



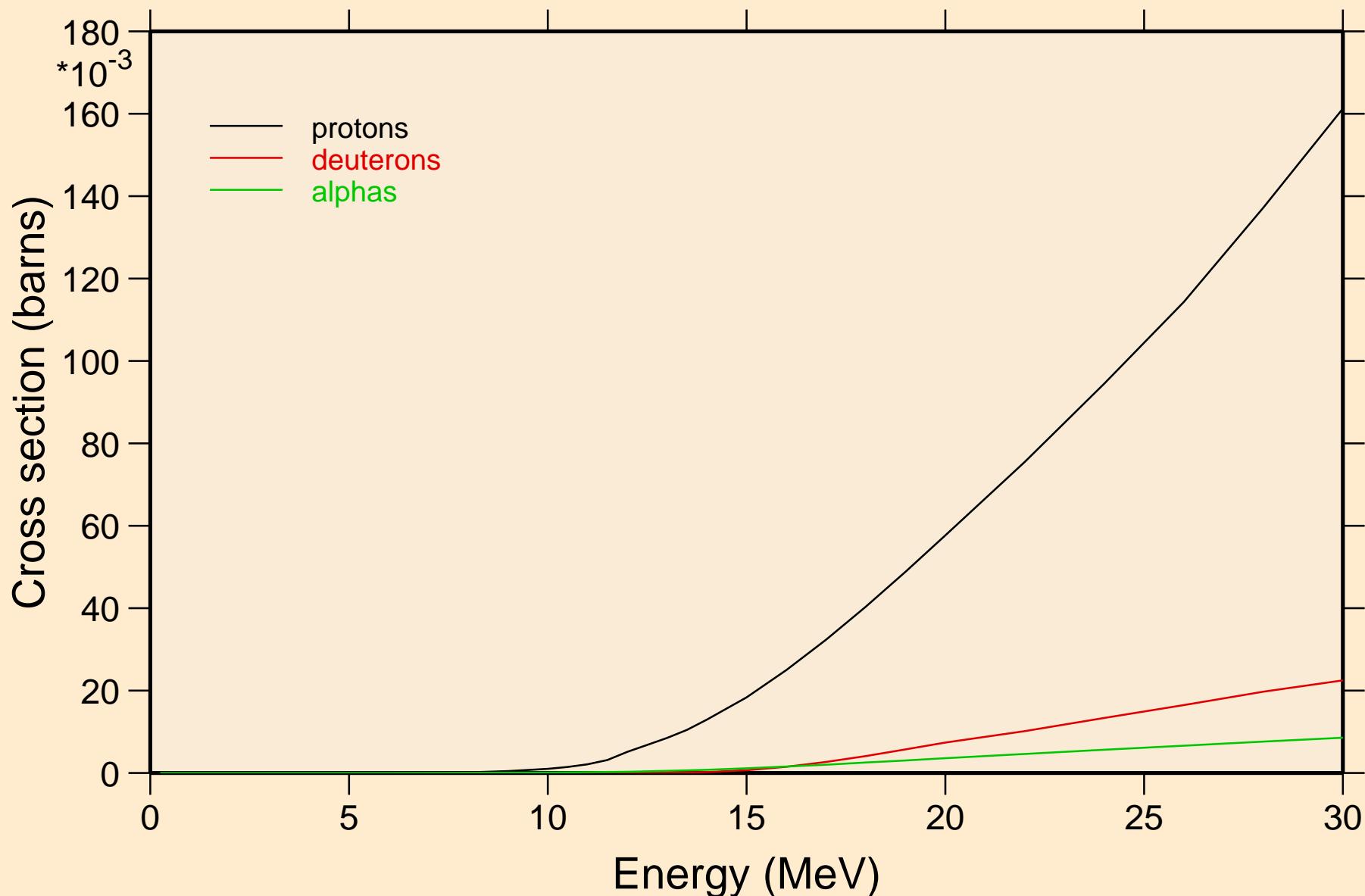
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Particle heating contributions



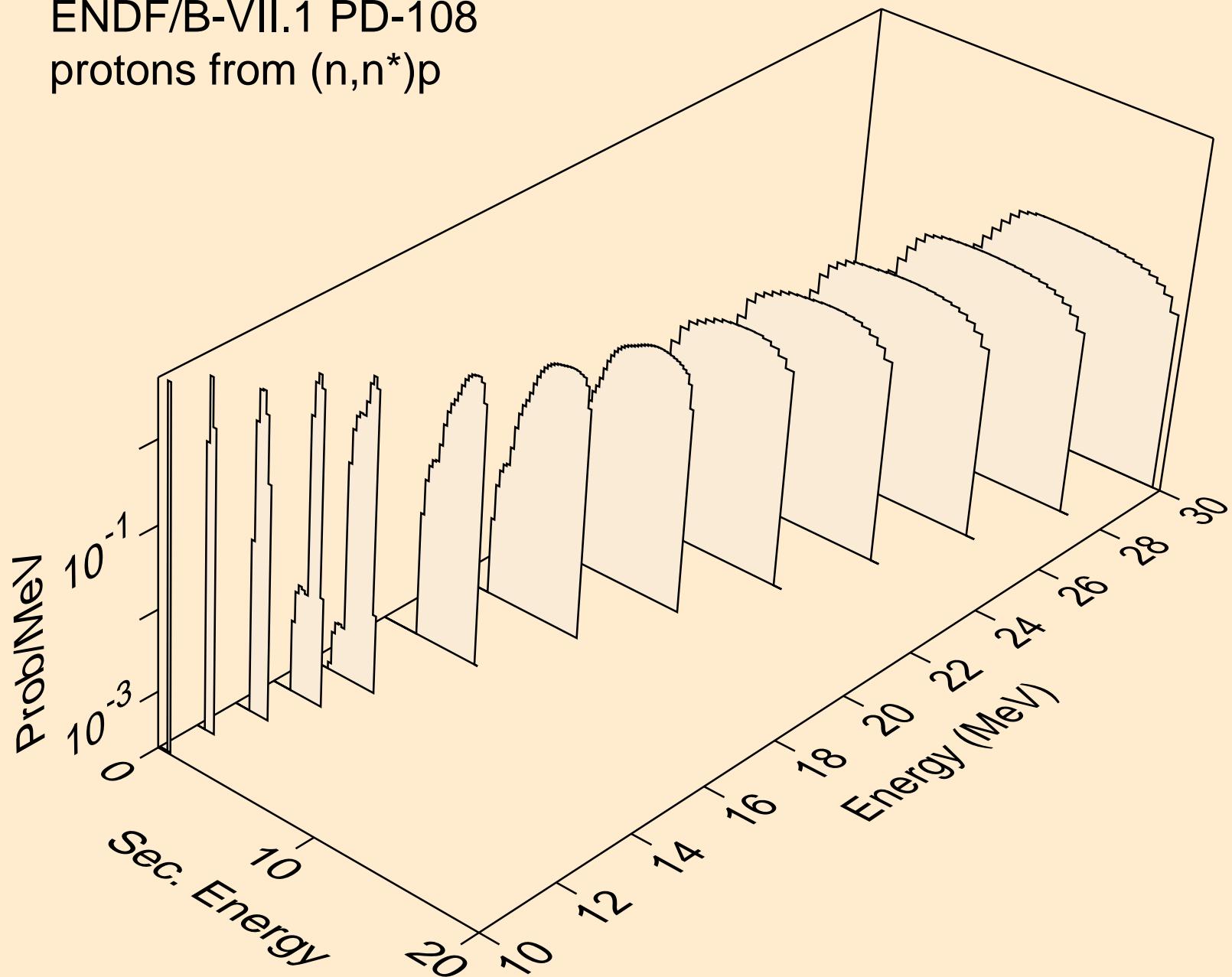
ENDF/B-VII.1 PD-108  
Recoil Heating



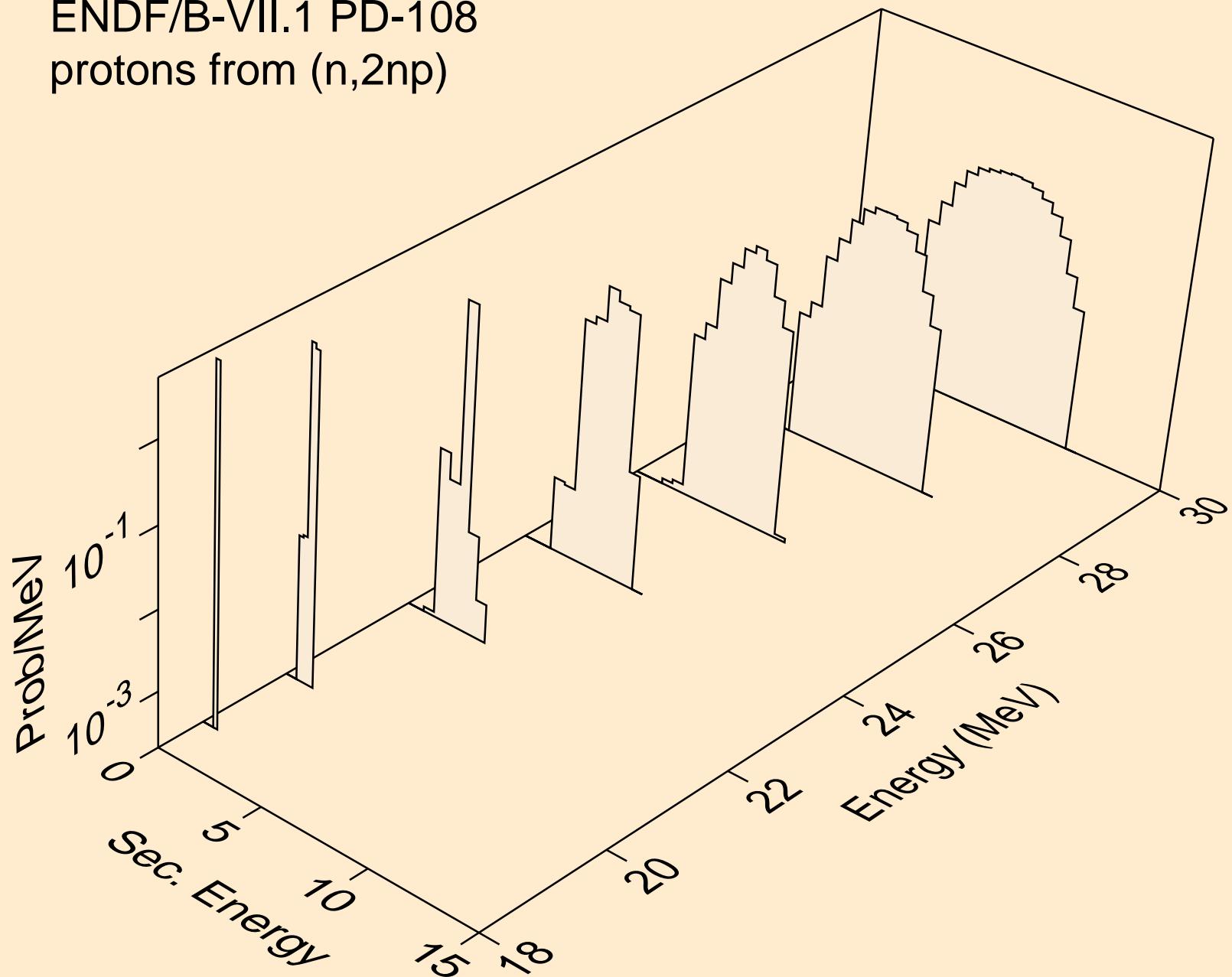
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Particle production cross sections



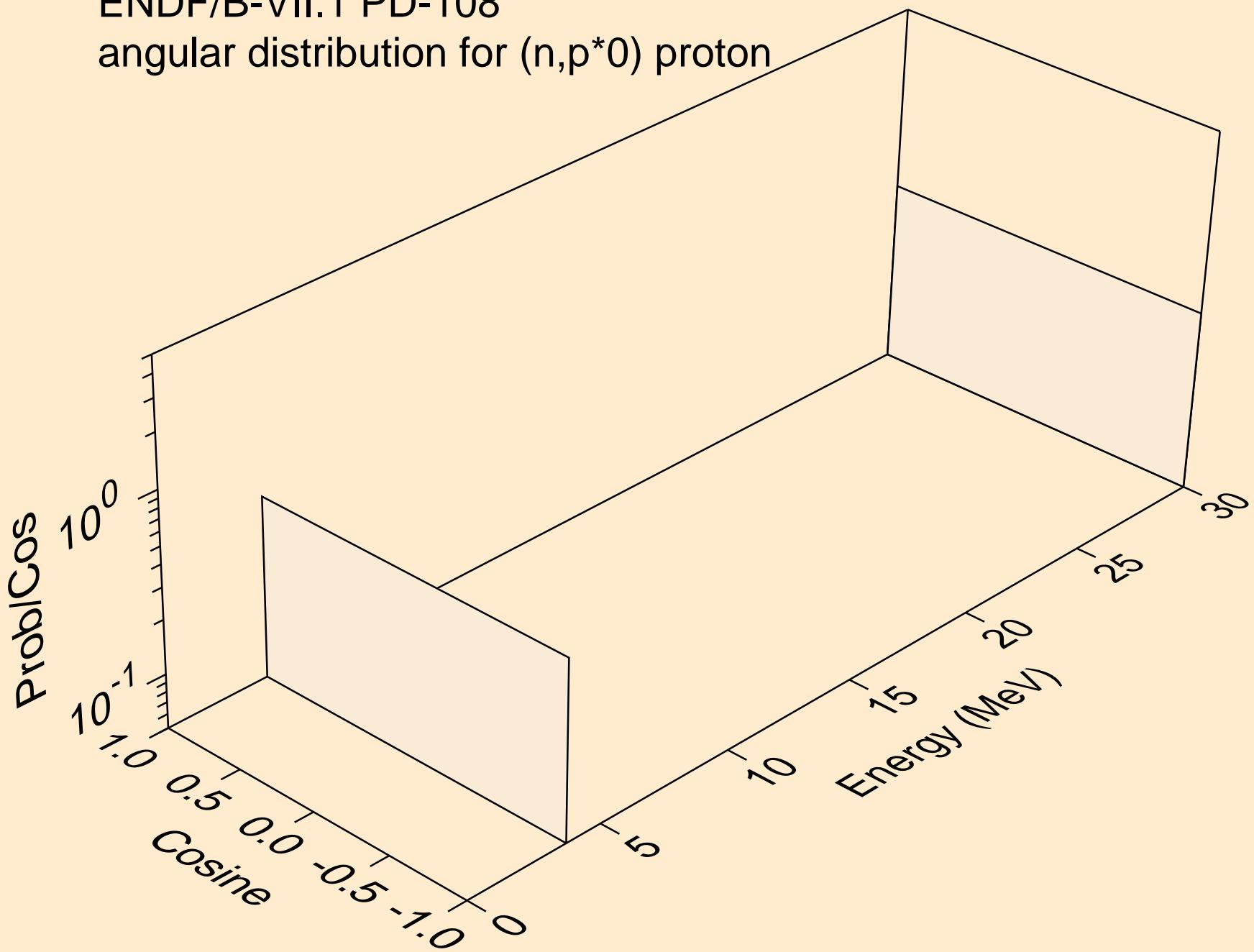
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protons from  $(n,n^*)p$



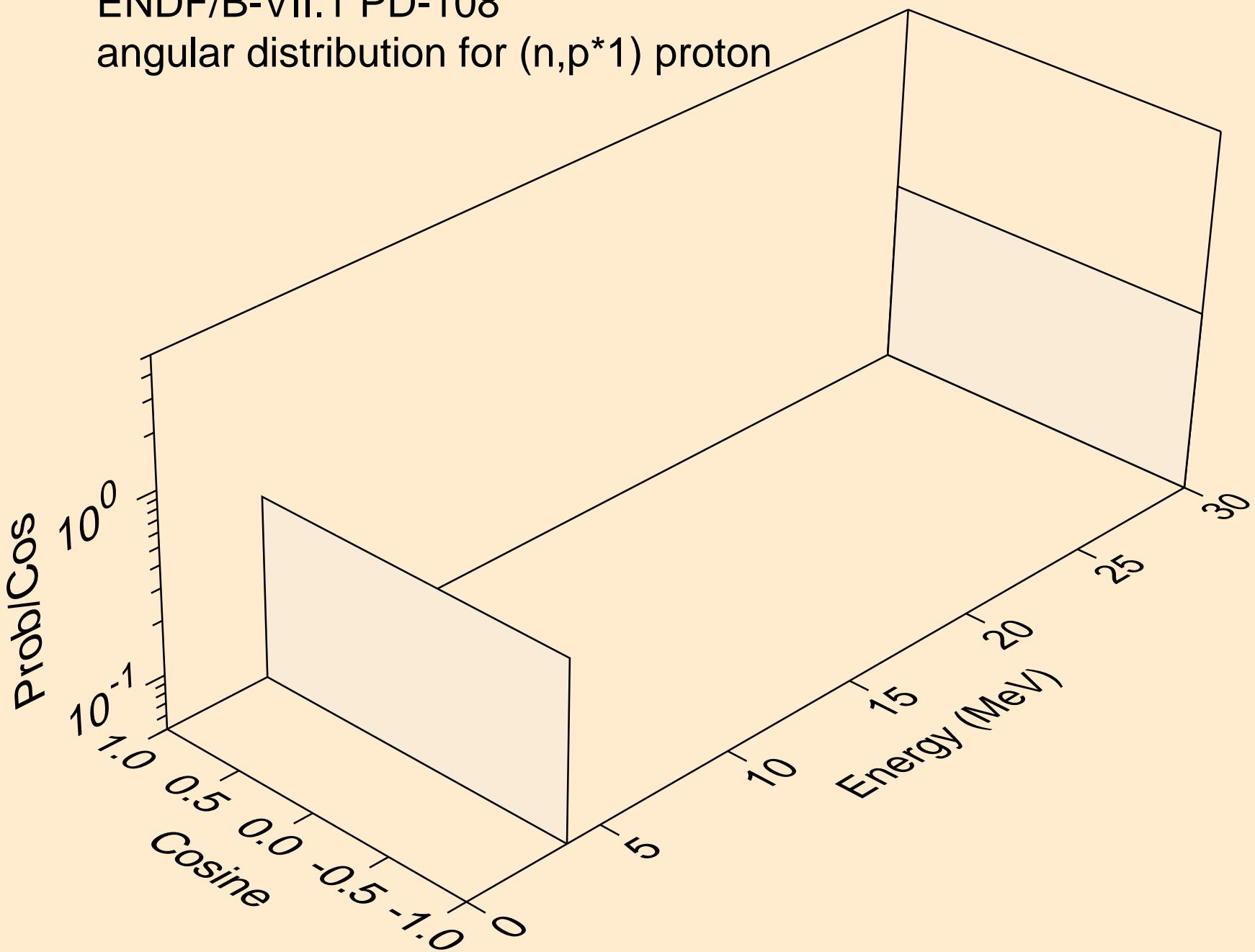
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protons from ( $n,2np$ )



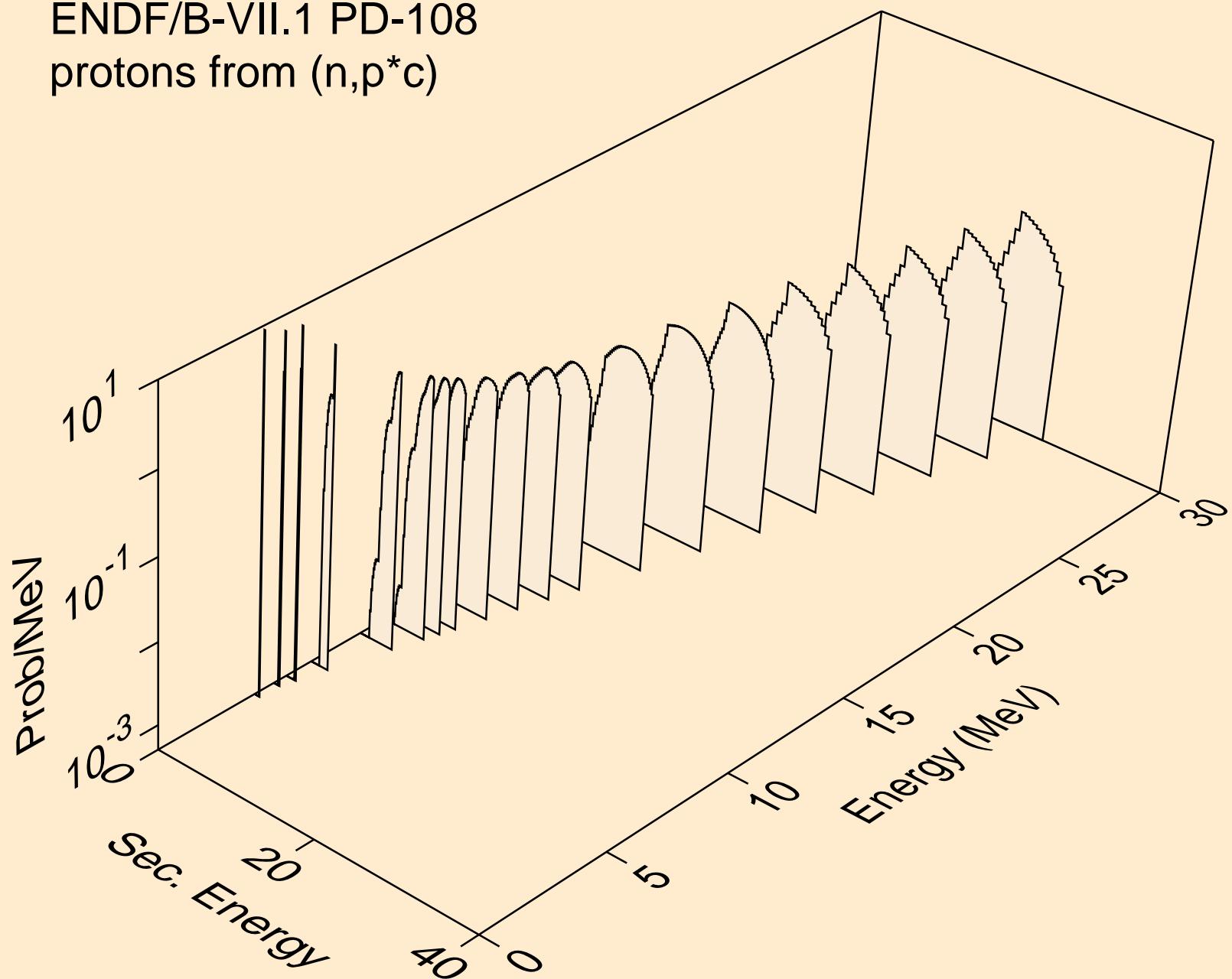
ENDF/B-VII.1 PD-108  
angular distribution for  $(n,p^*0)$  proton



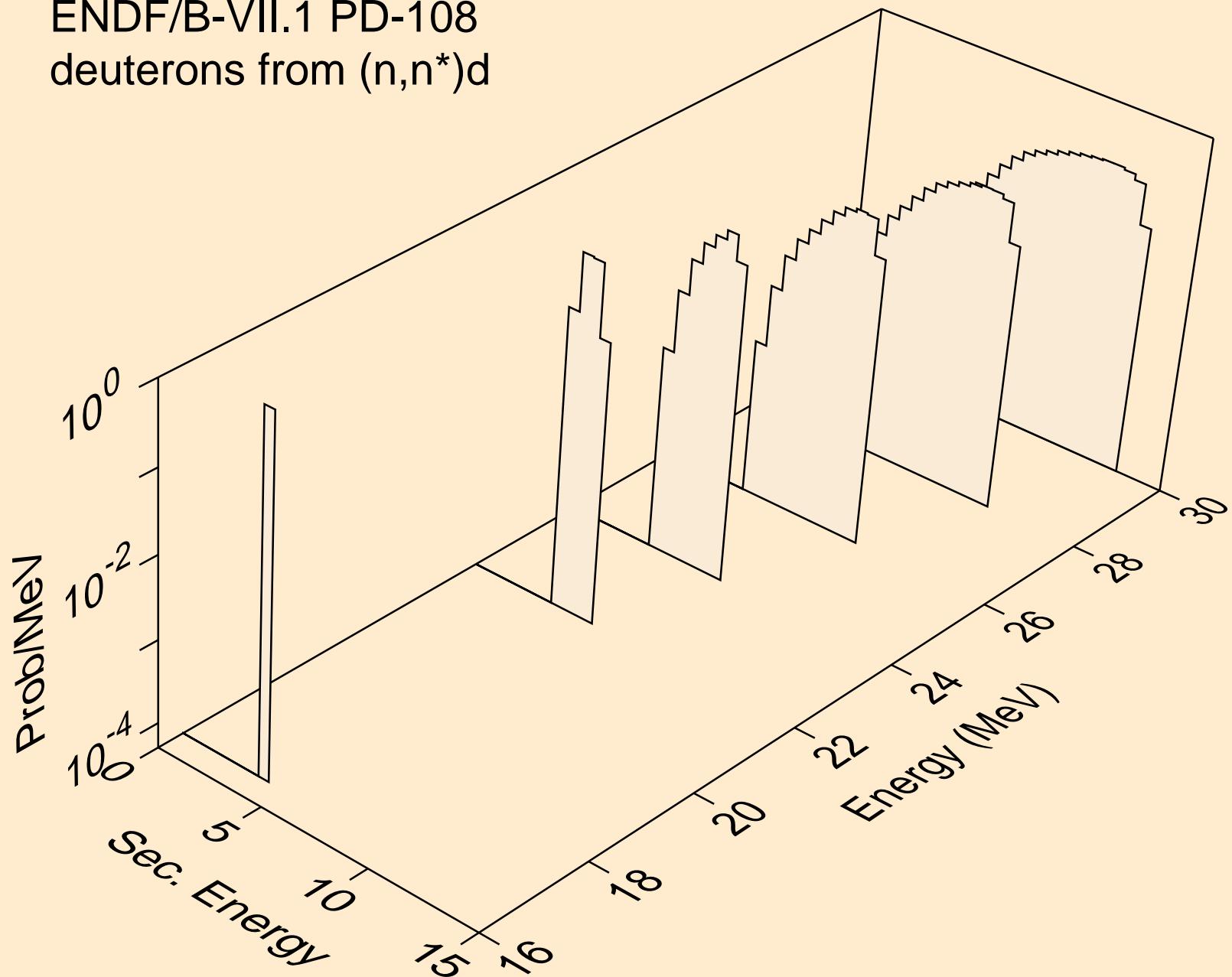
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angular distribution for  $(n,p^*1)$  proton



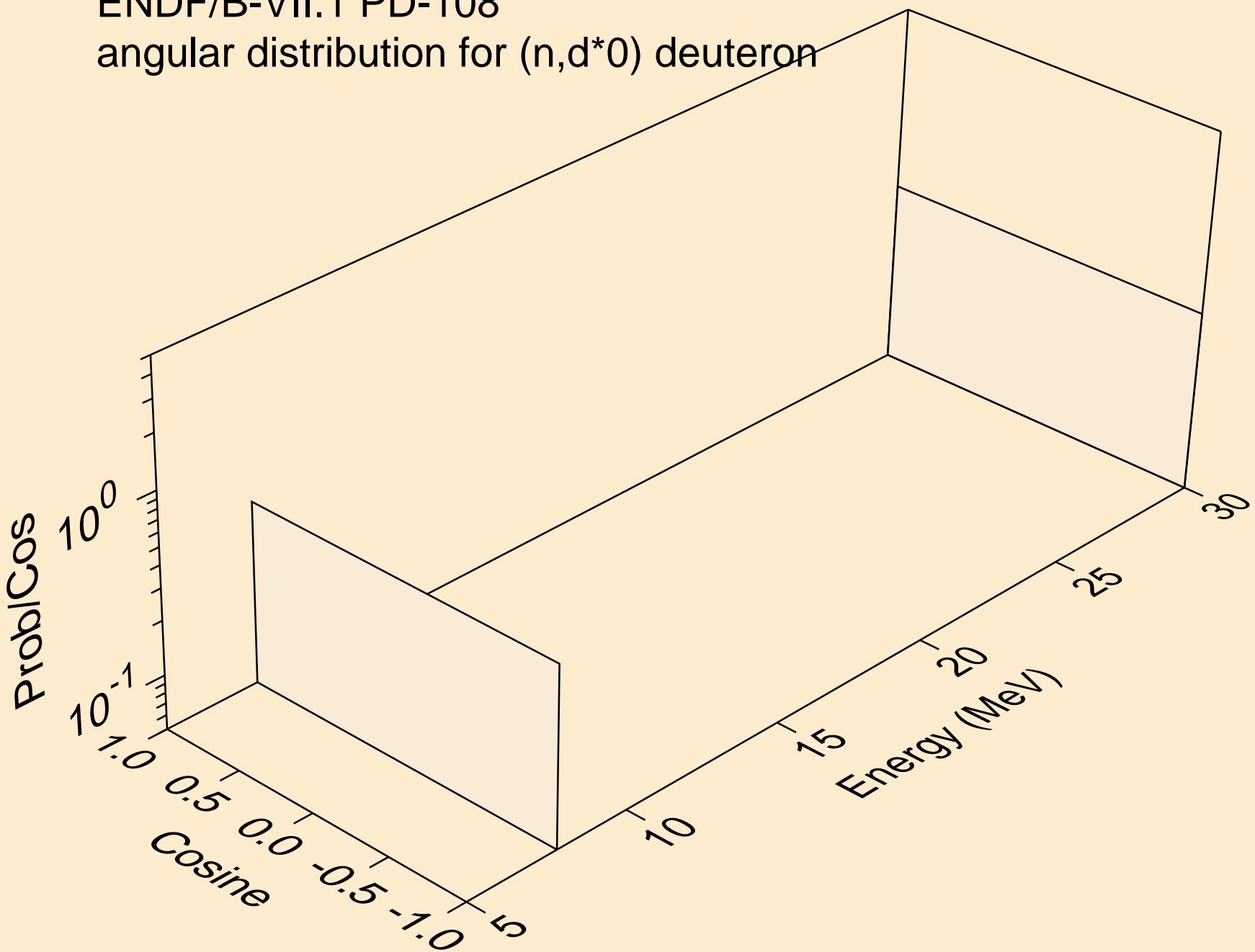
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protons from  $(n, p^* c)$



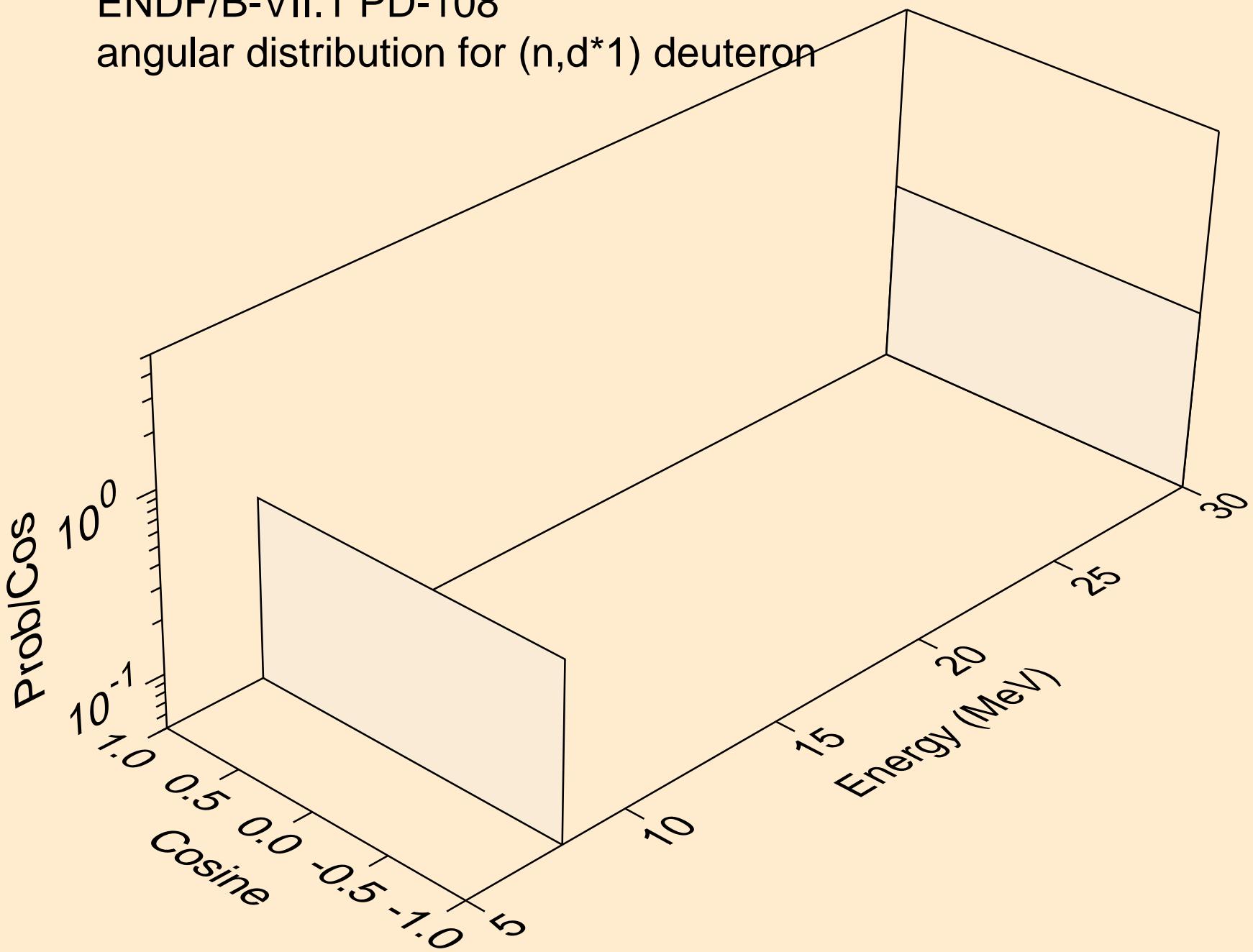
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deuterons from  $(n,n^*)d$



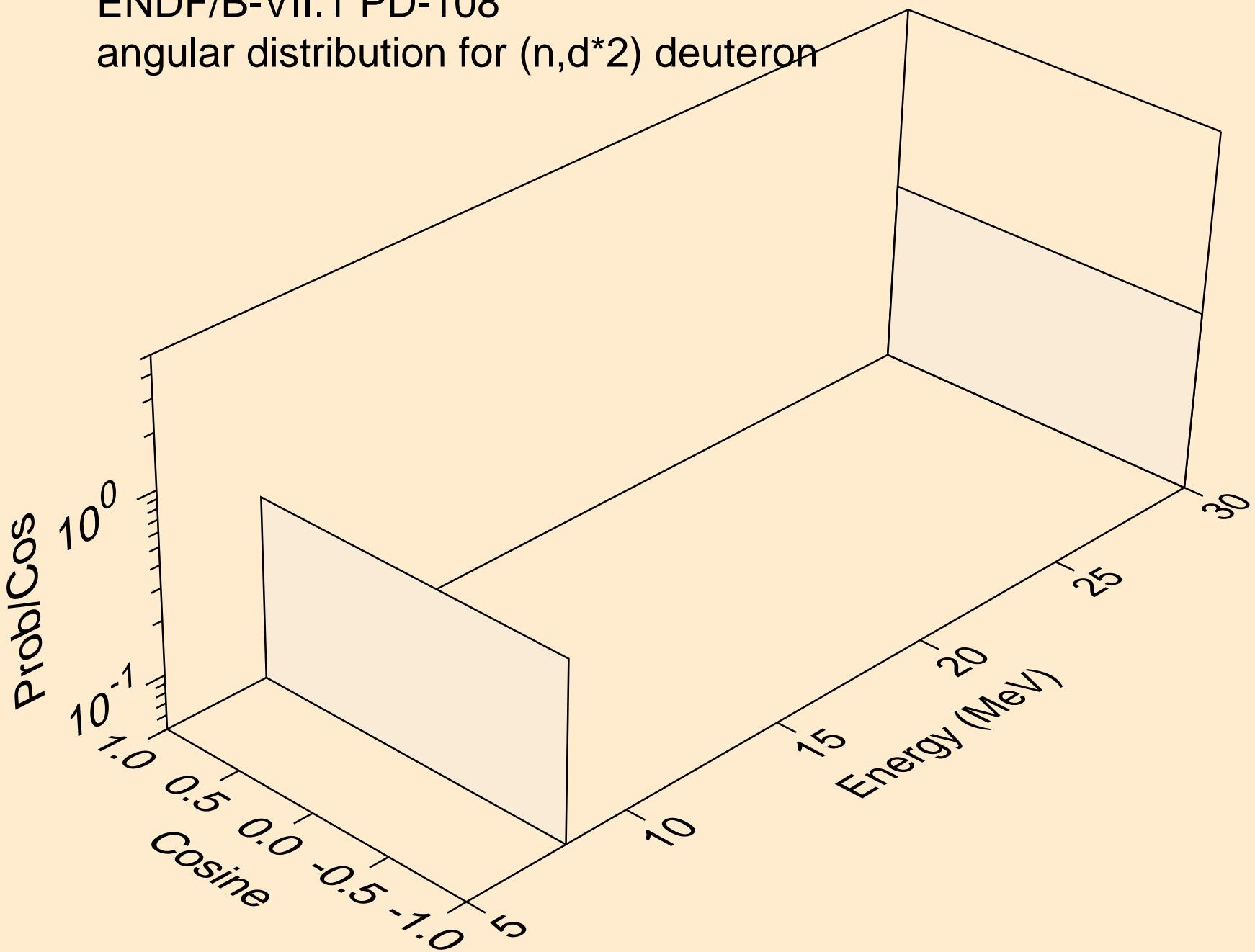
ENDF/B-VII.1 PD-108  
angular distribution for  $(n,d^*0)$  deuteron



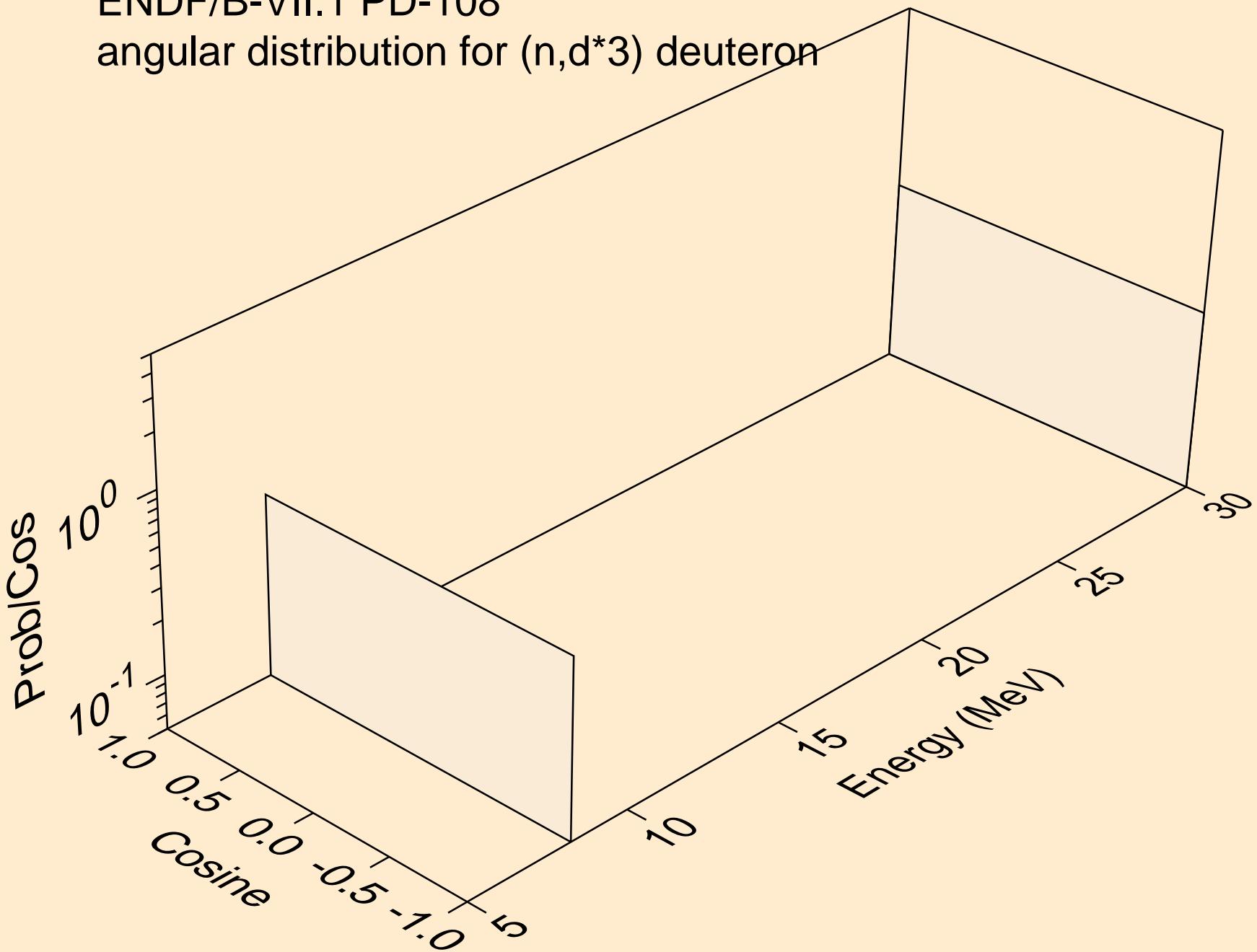
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angular distribution for (n,d\*1) deuteron



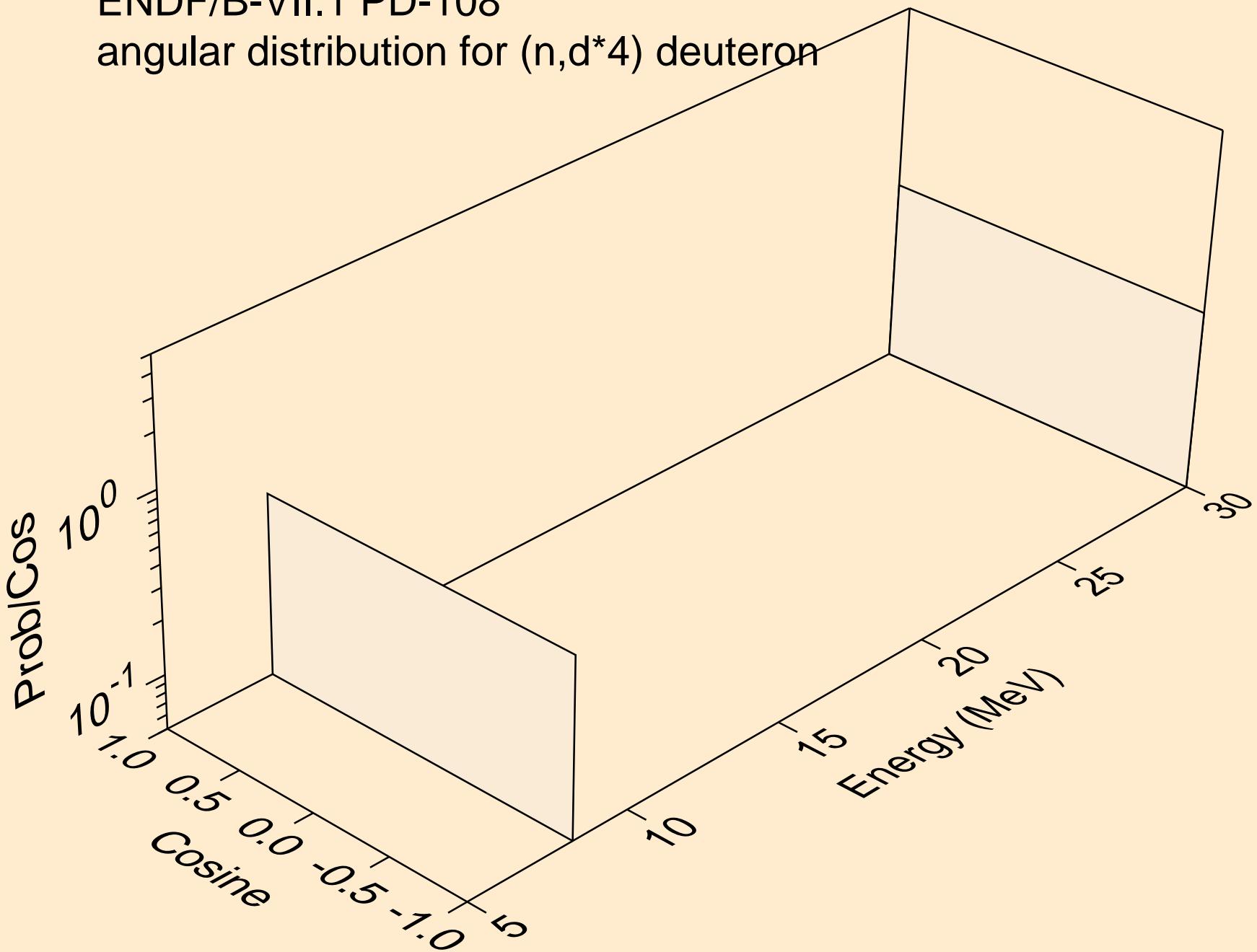
ENDF/B-VII.1 PD-108  
angular distribution for ( $n, d^* 2$ ) deuteron



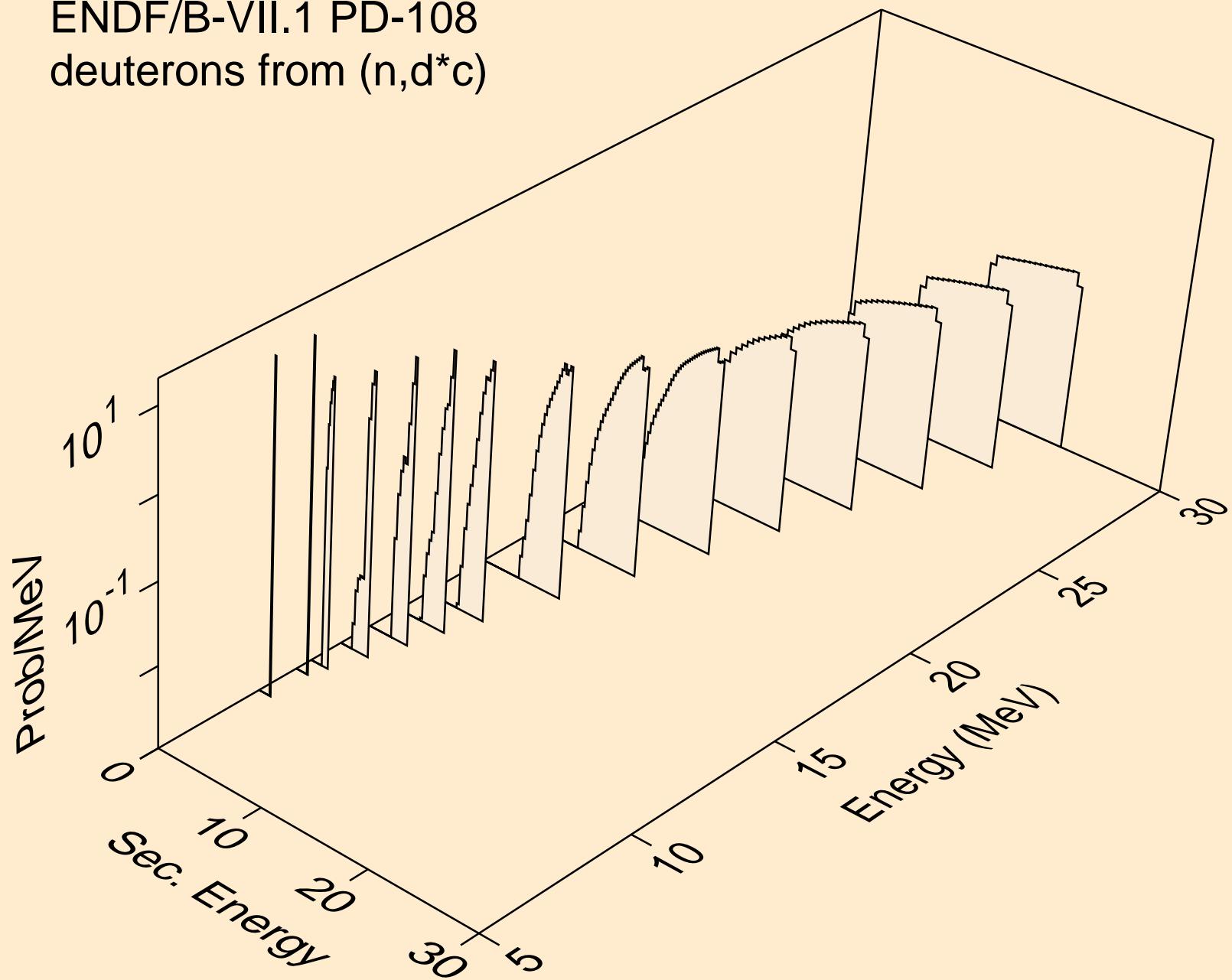
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angular distribution for  $(n,d^*3)$  deuteron



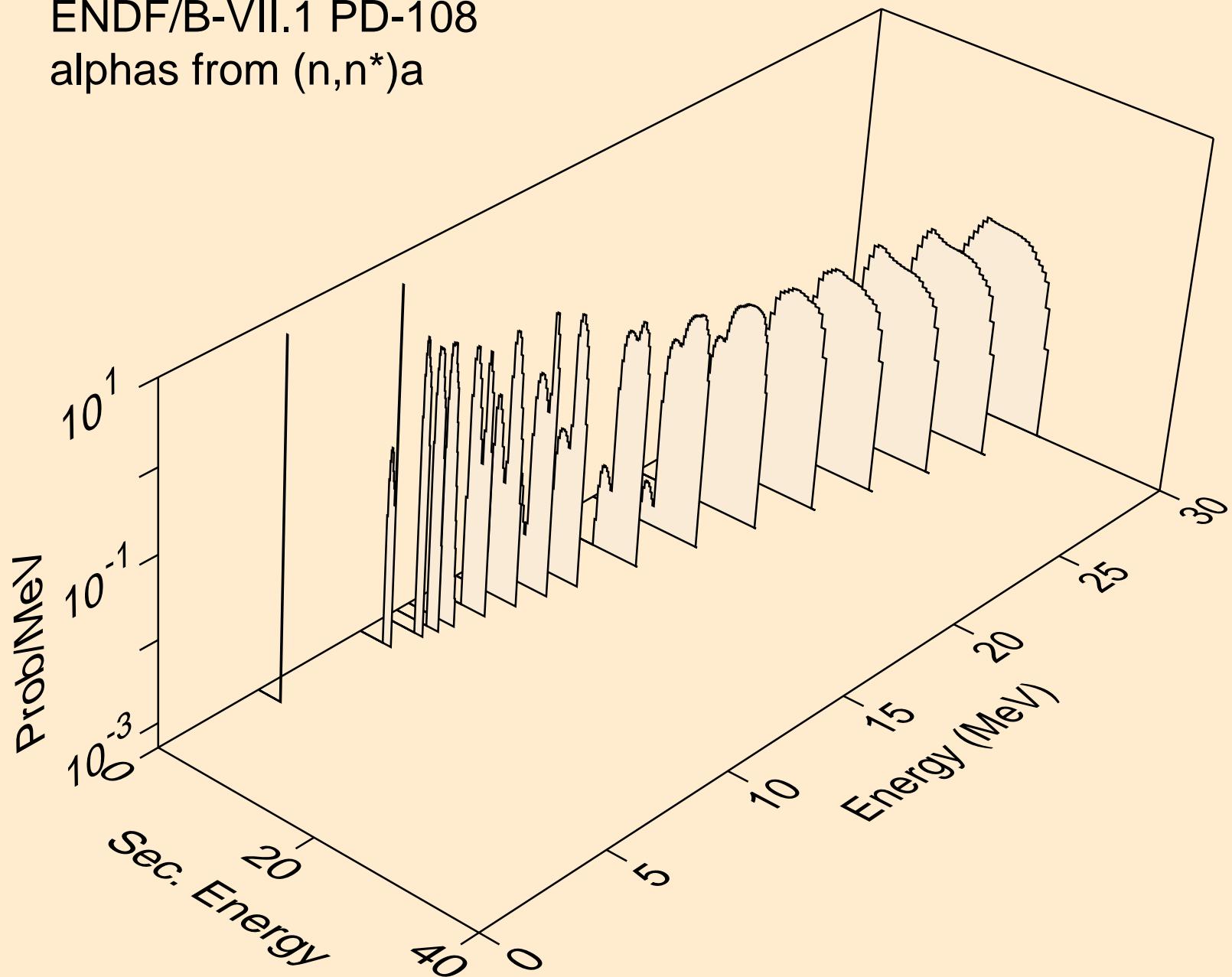
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angular distribution for  $(n,d^*4)$  deuteron



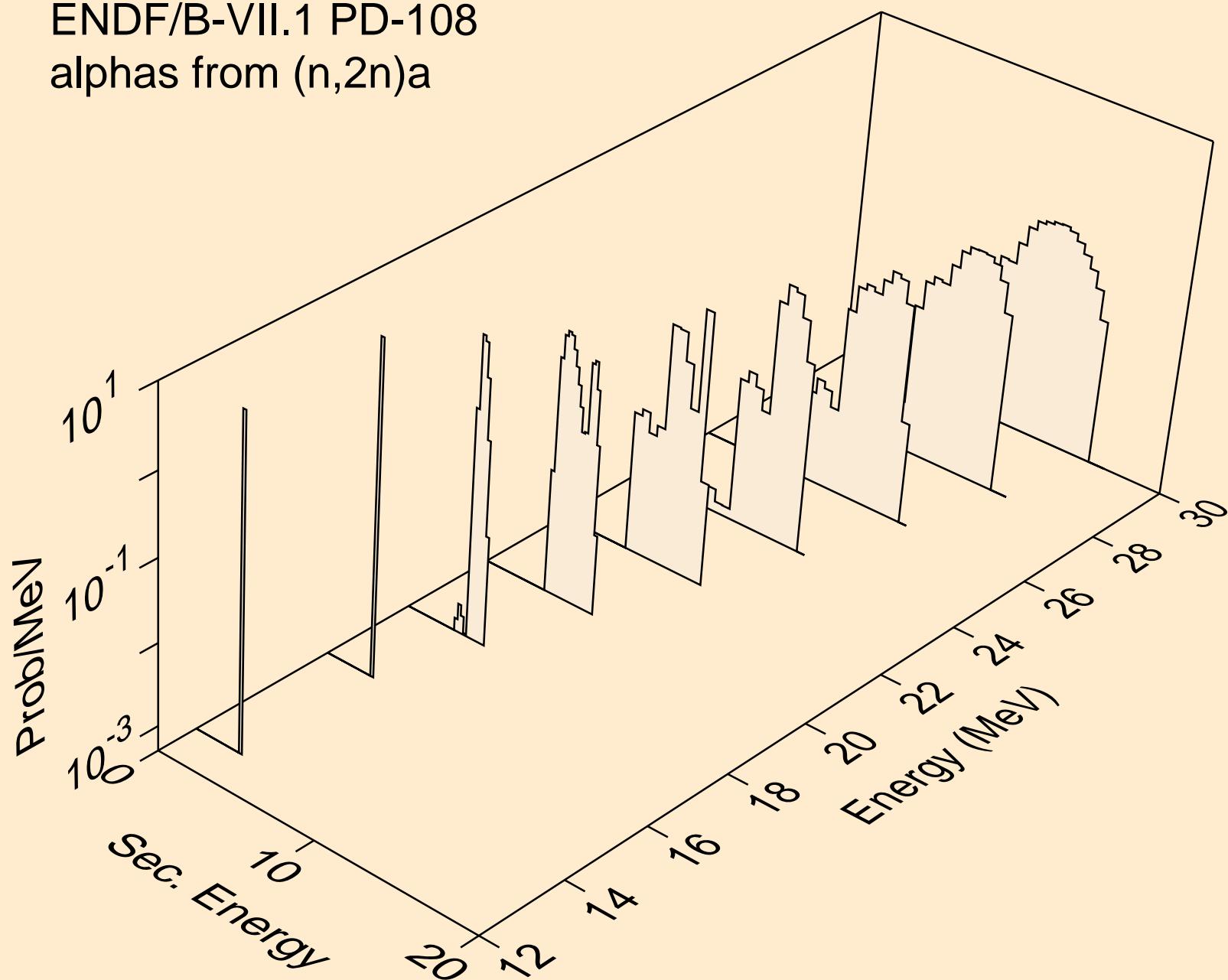
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deuterons from  $(n, d^* c)$



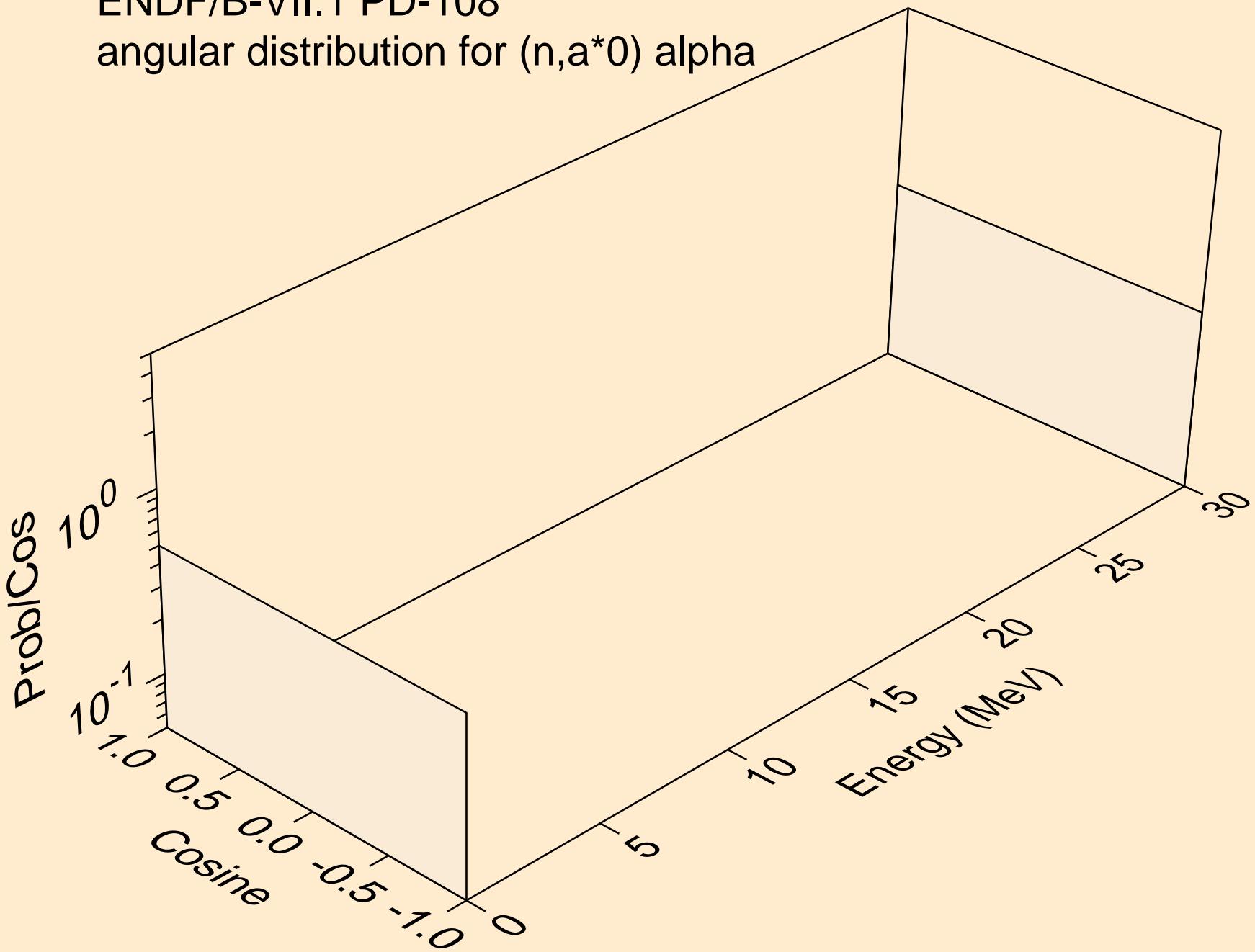
ENDF/B-VII.1 PD-108  
alphas from  $(n,n^*)a$



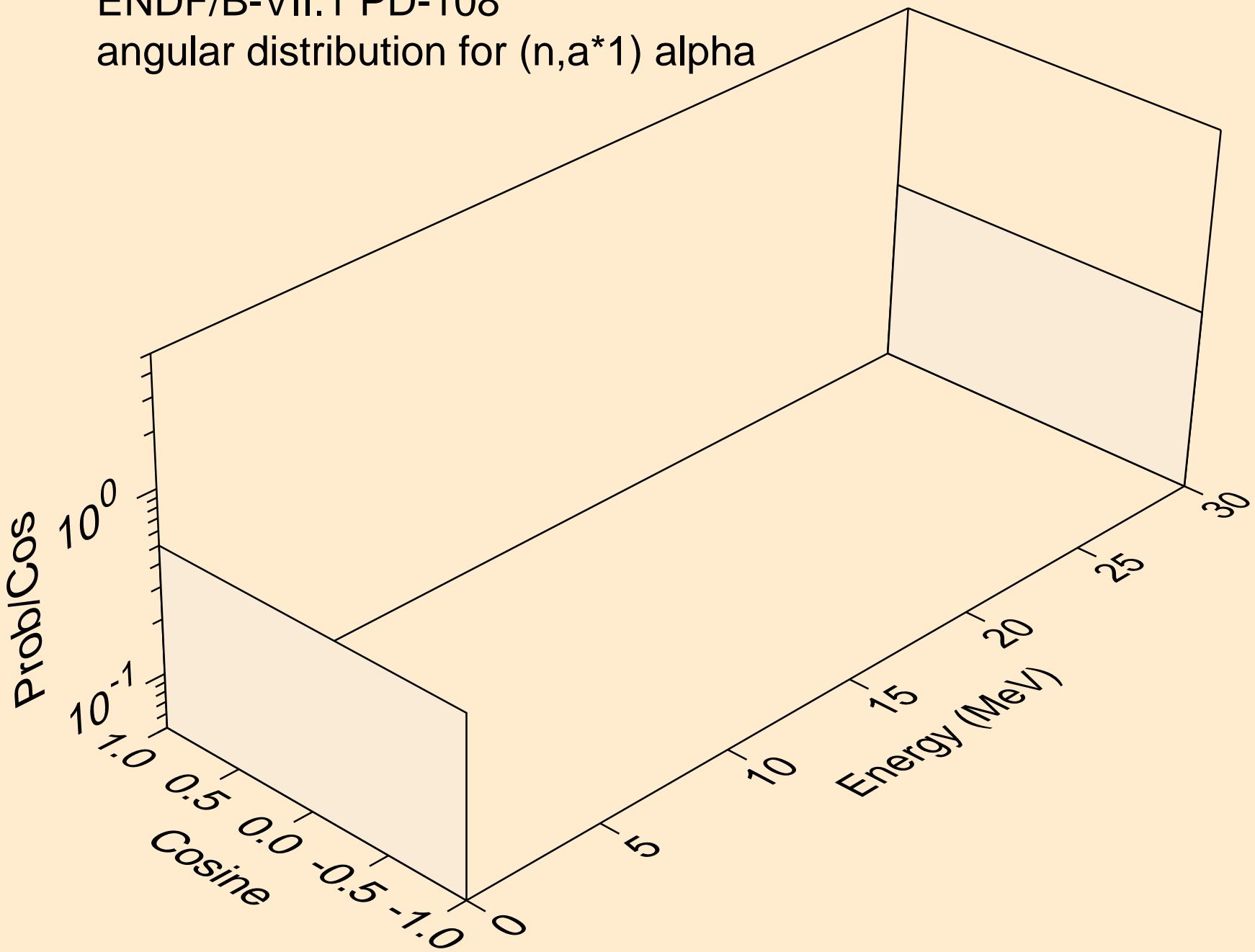
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alphas from  $(n,2n)a$



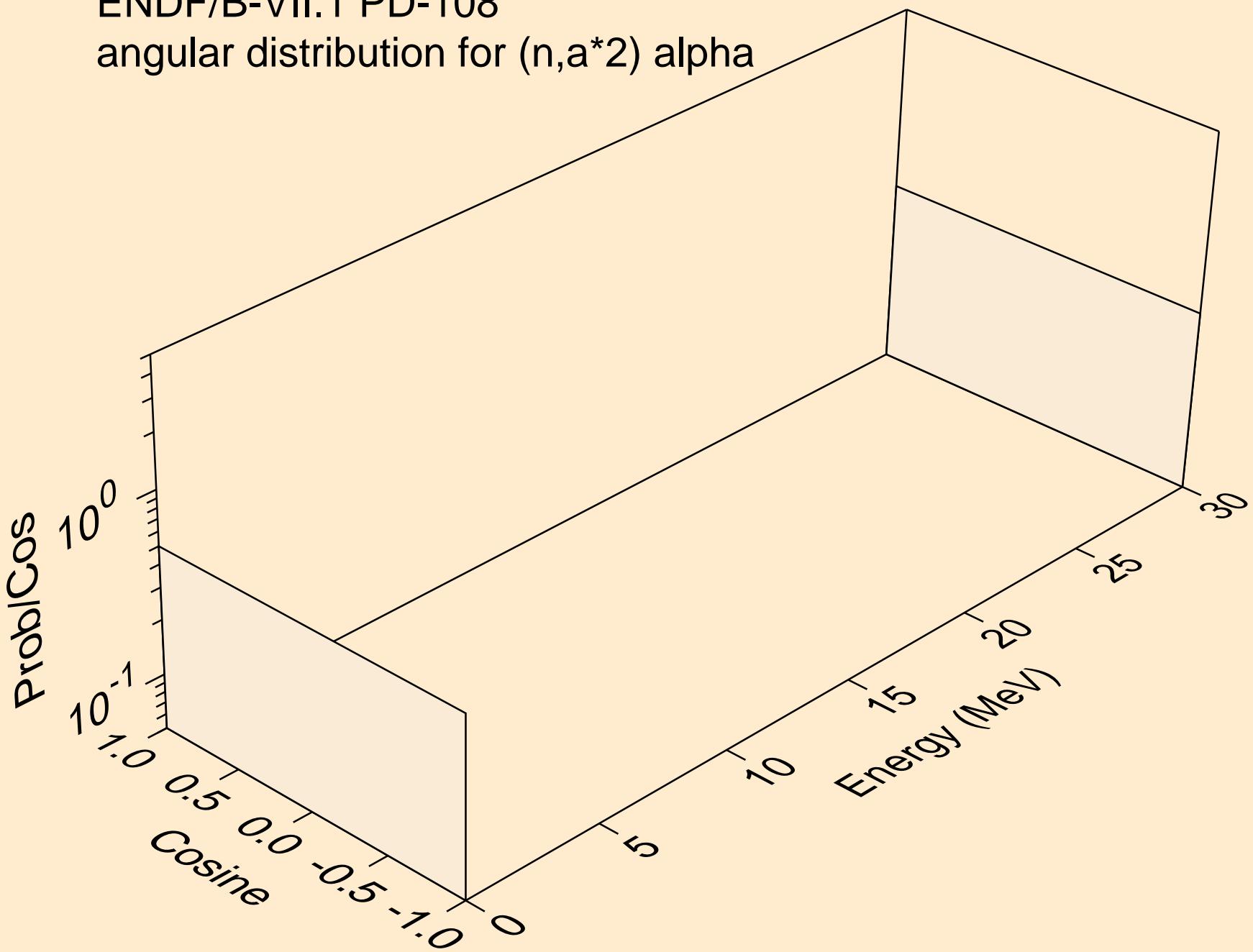
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angular distribution for  $(n,a^*0)$  alpha



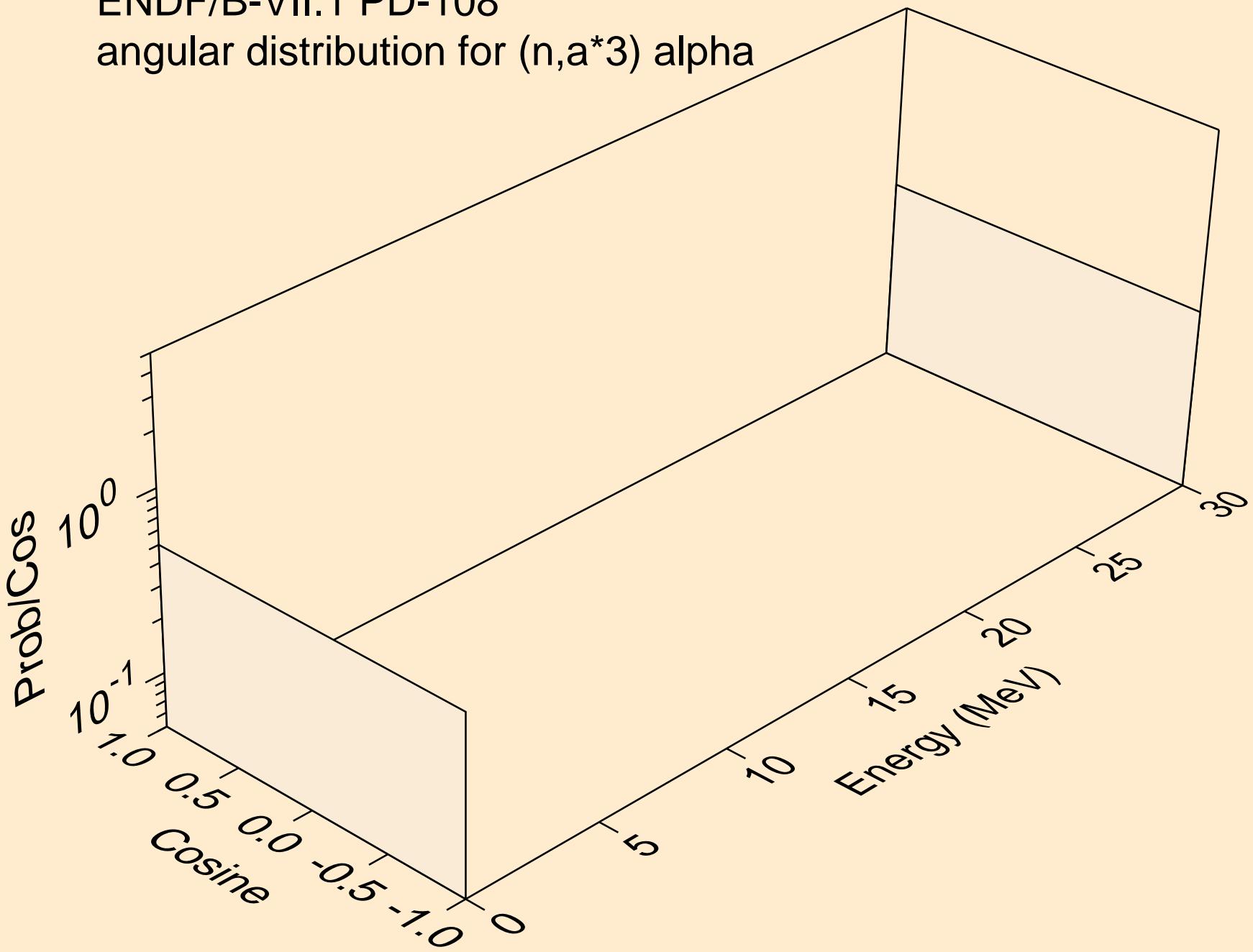
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angular distribution for (n,a\*1) alpha



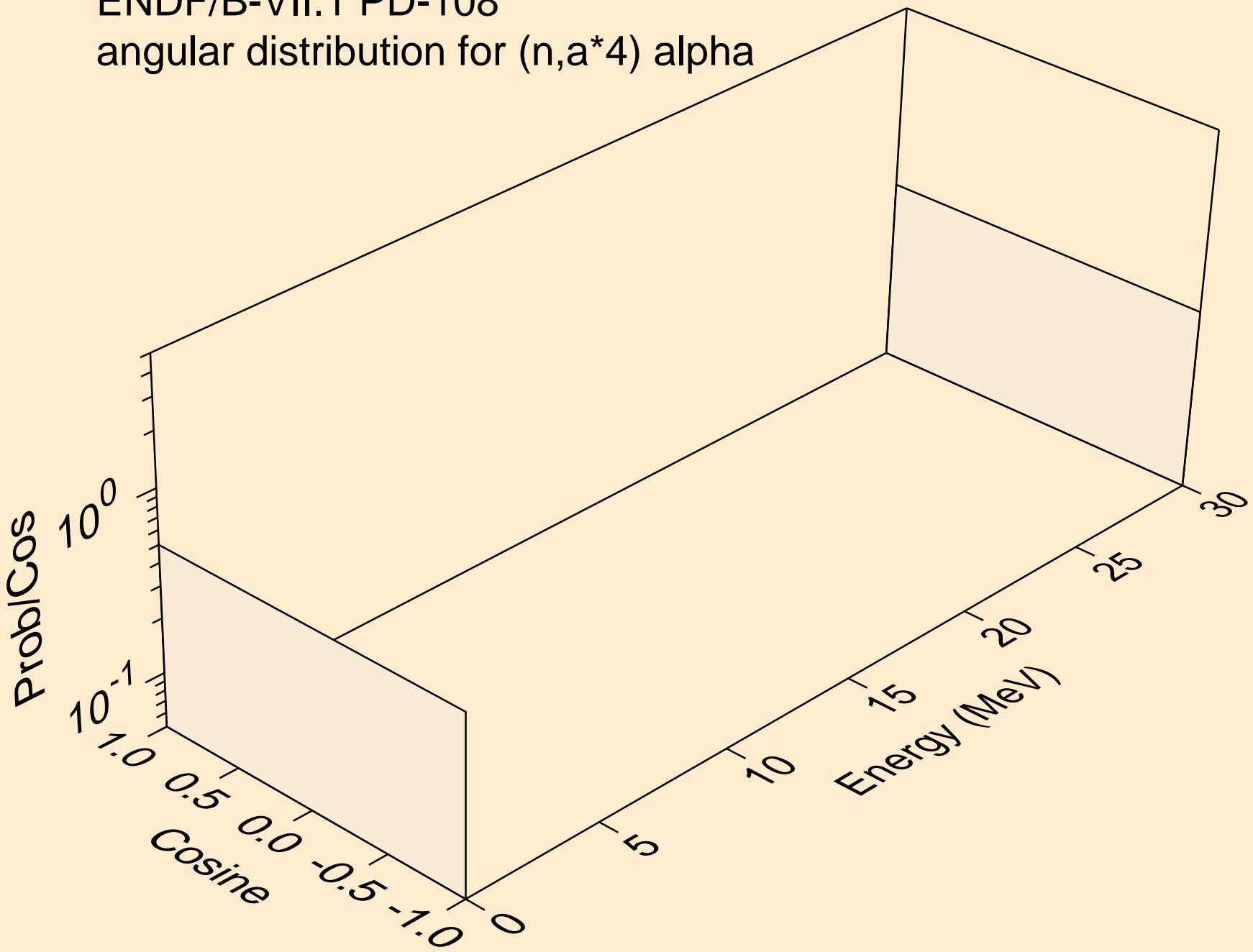
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angular distribution for  $(n,a^*2)$  alpha



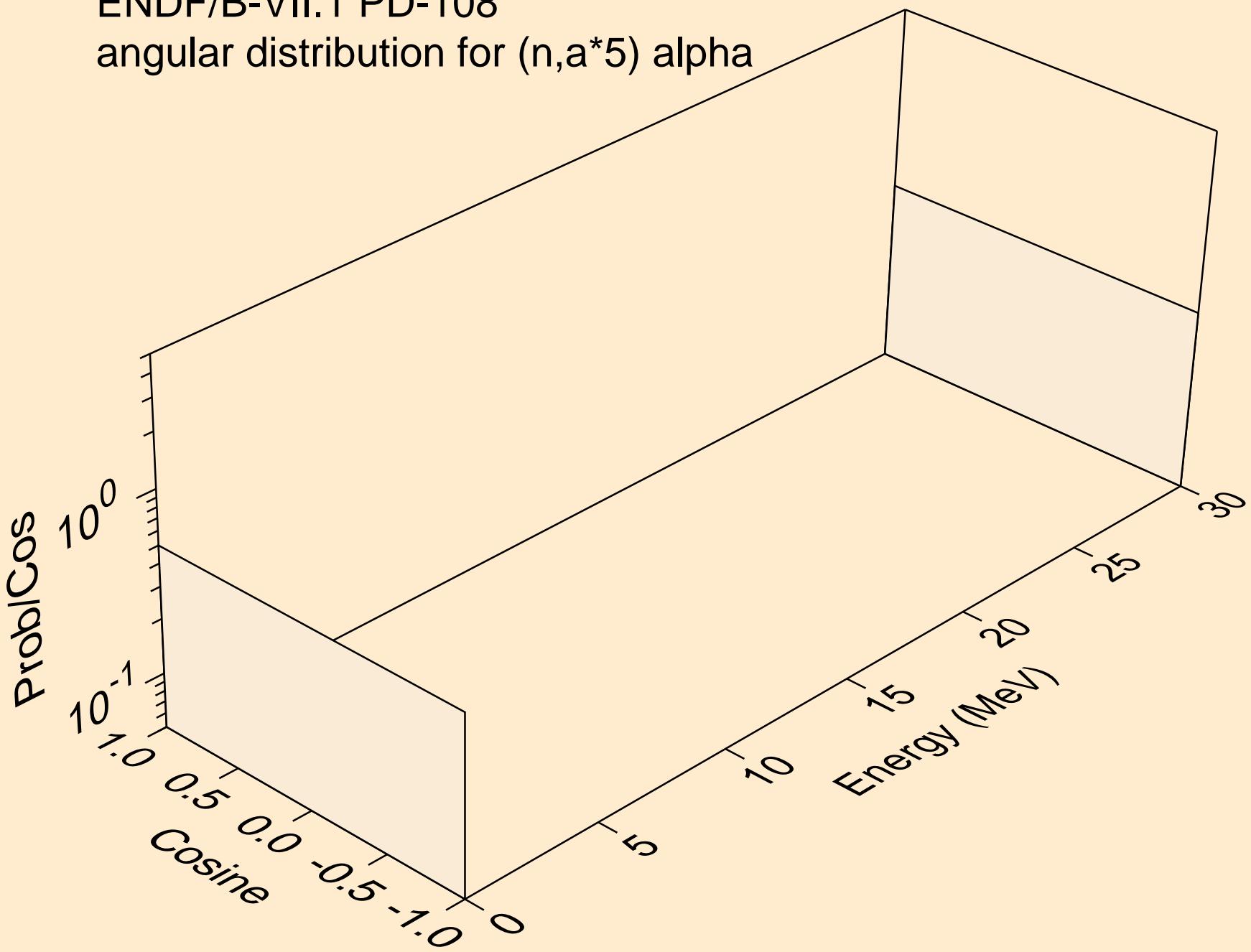
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angular distribution for (n,a\*3) alpha



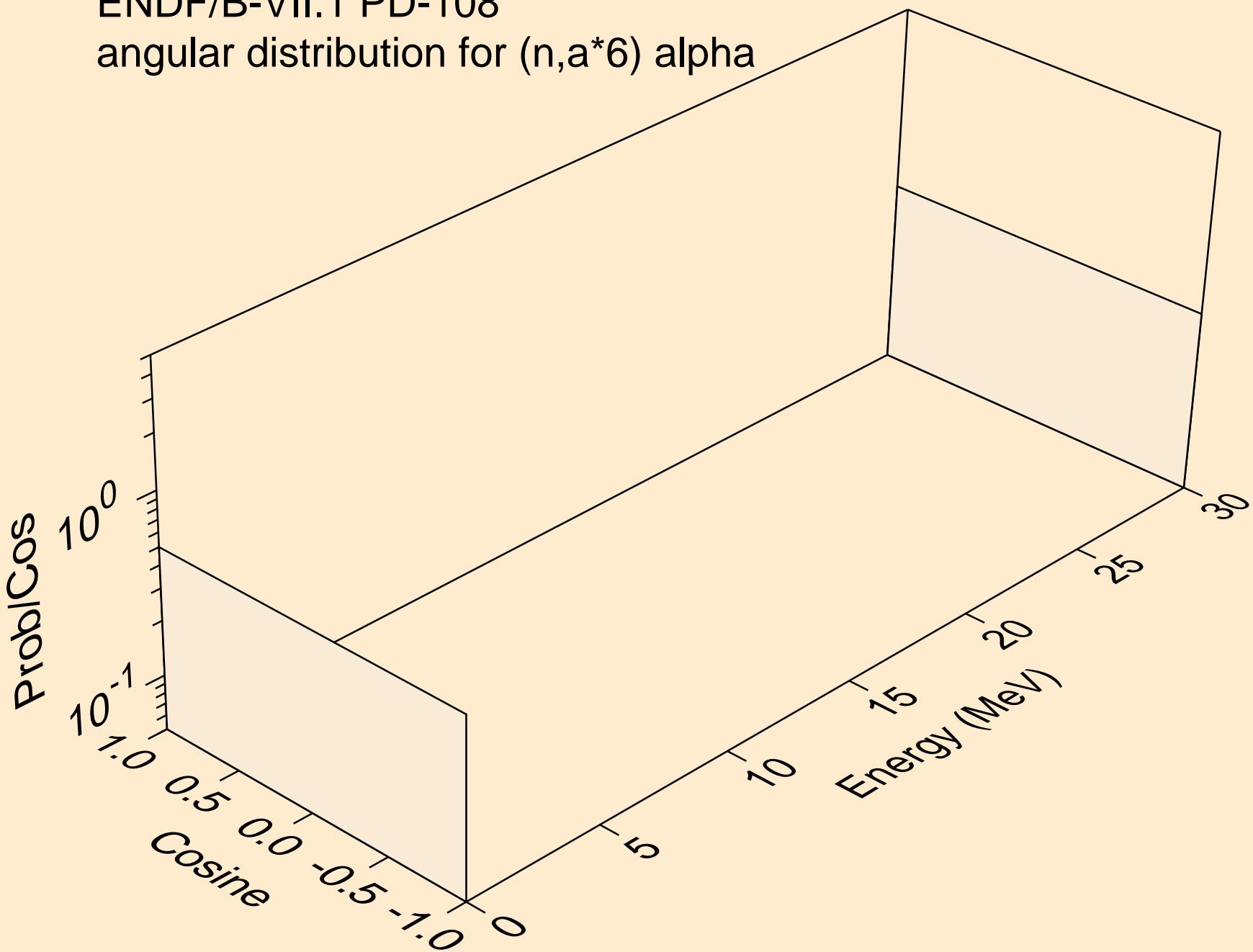
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angular distribution for (n,a\*4) alpha



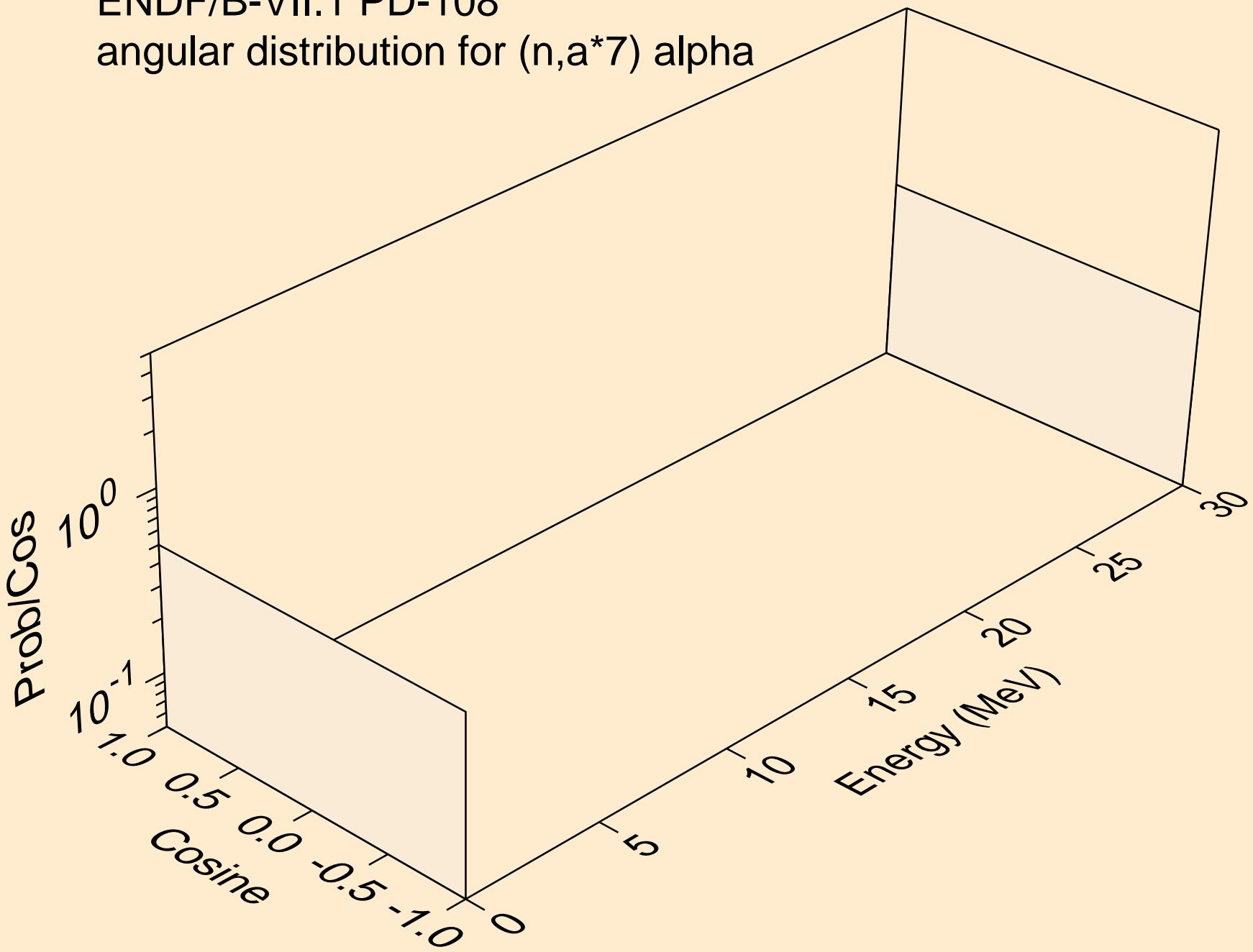
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angular distribution for (n,a\*5) alpha



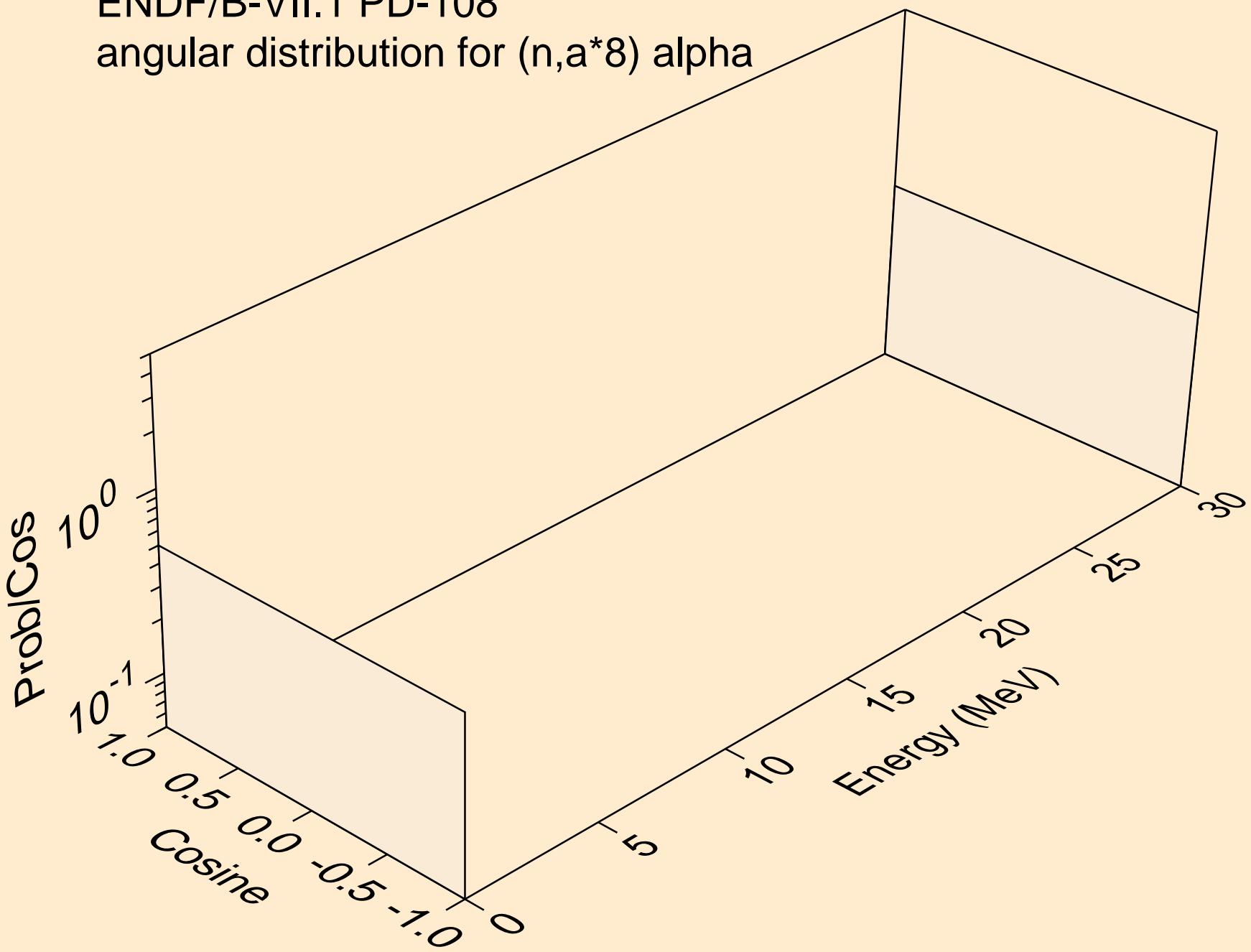
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angular distribution for (n,a\*6) alpha



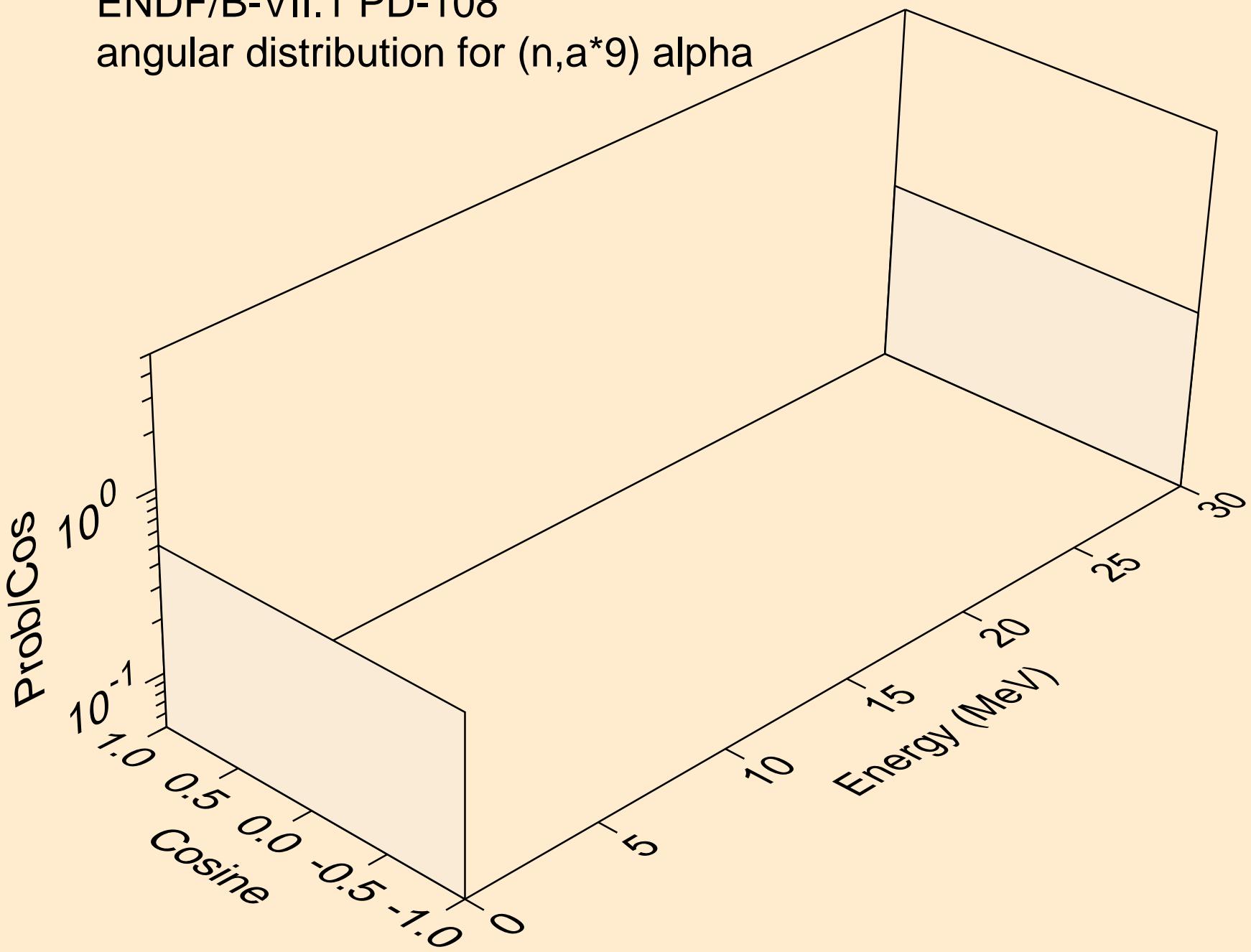
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angular distribution for (n,a\*7) alpha



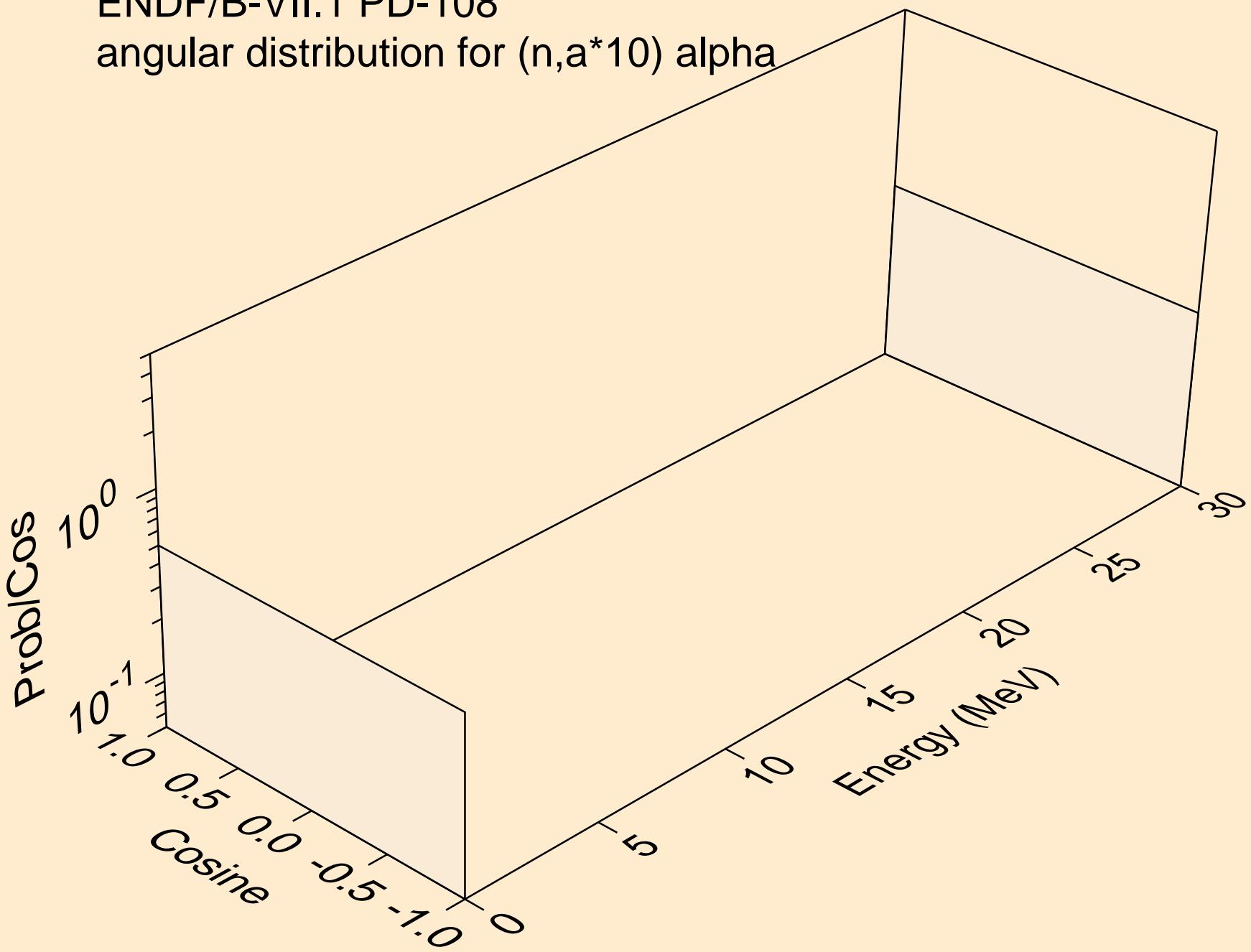
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angular distribution for (n,a\*8) alpha



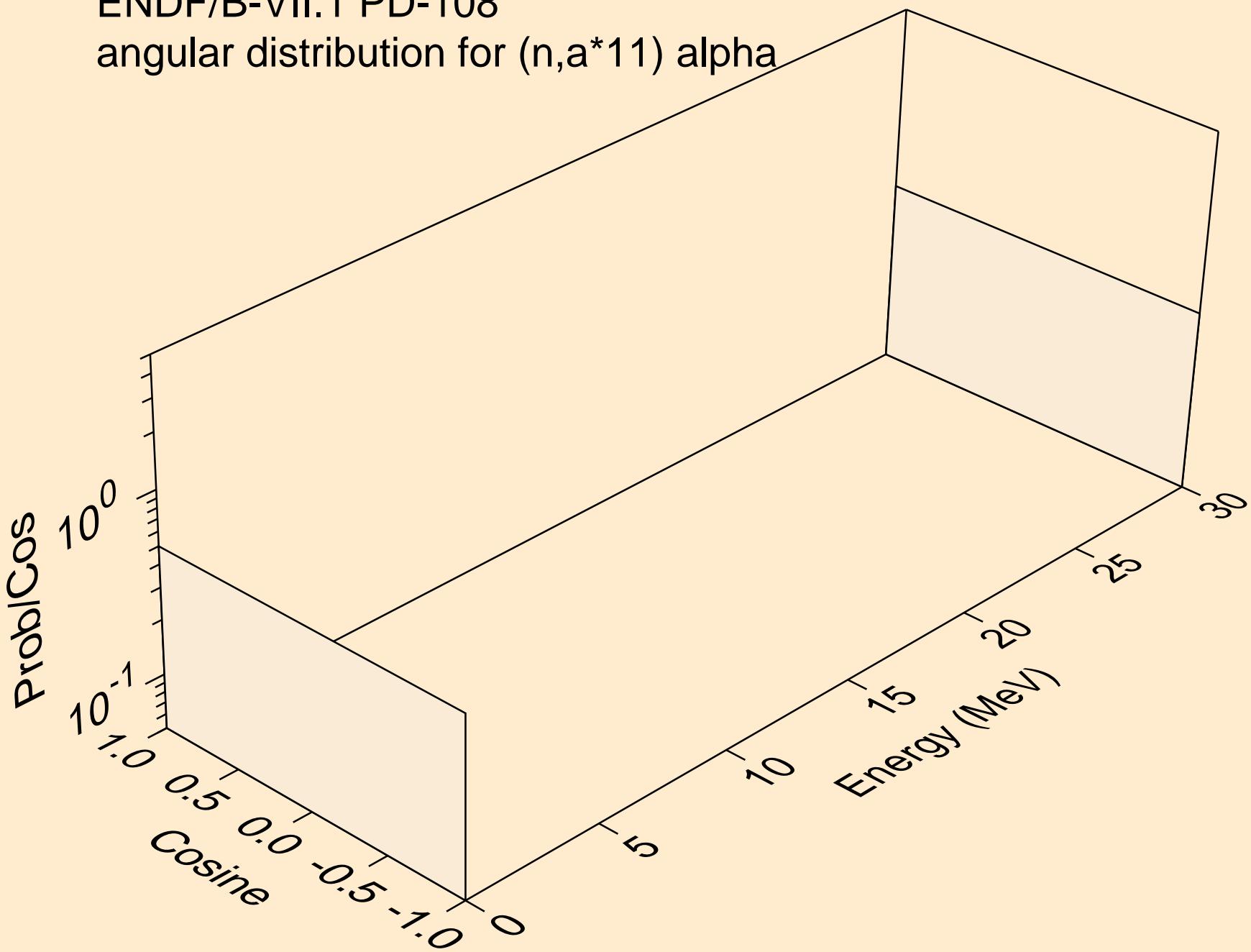
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angular distribution for (n,a\*9) alpha



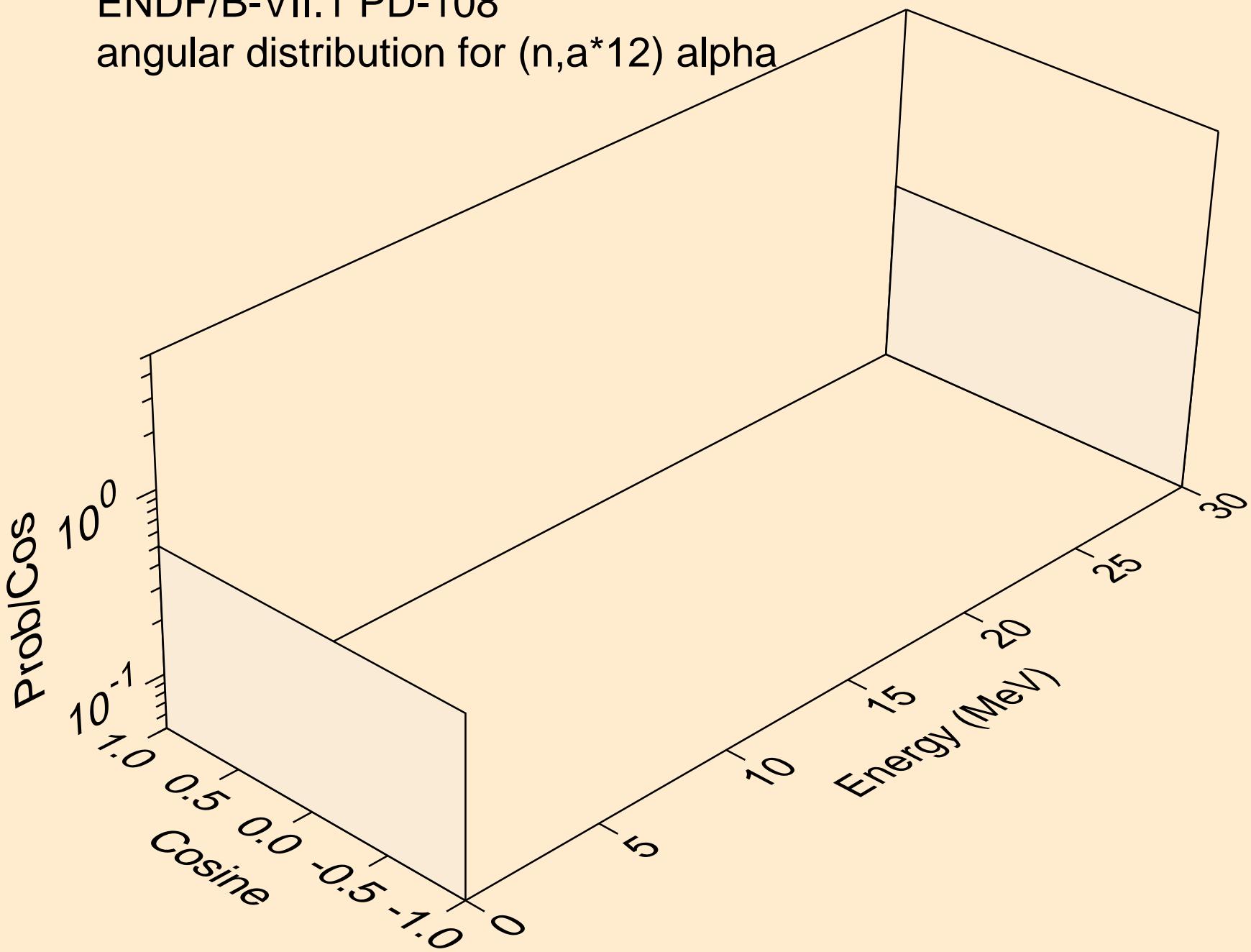
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angular distribution for (n,a\*10) alpha



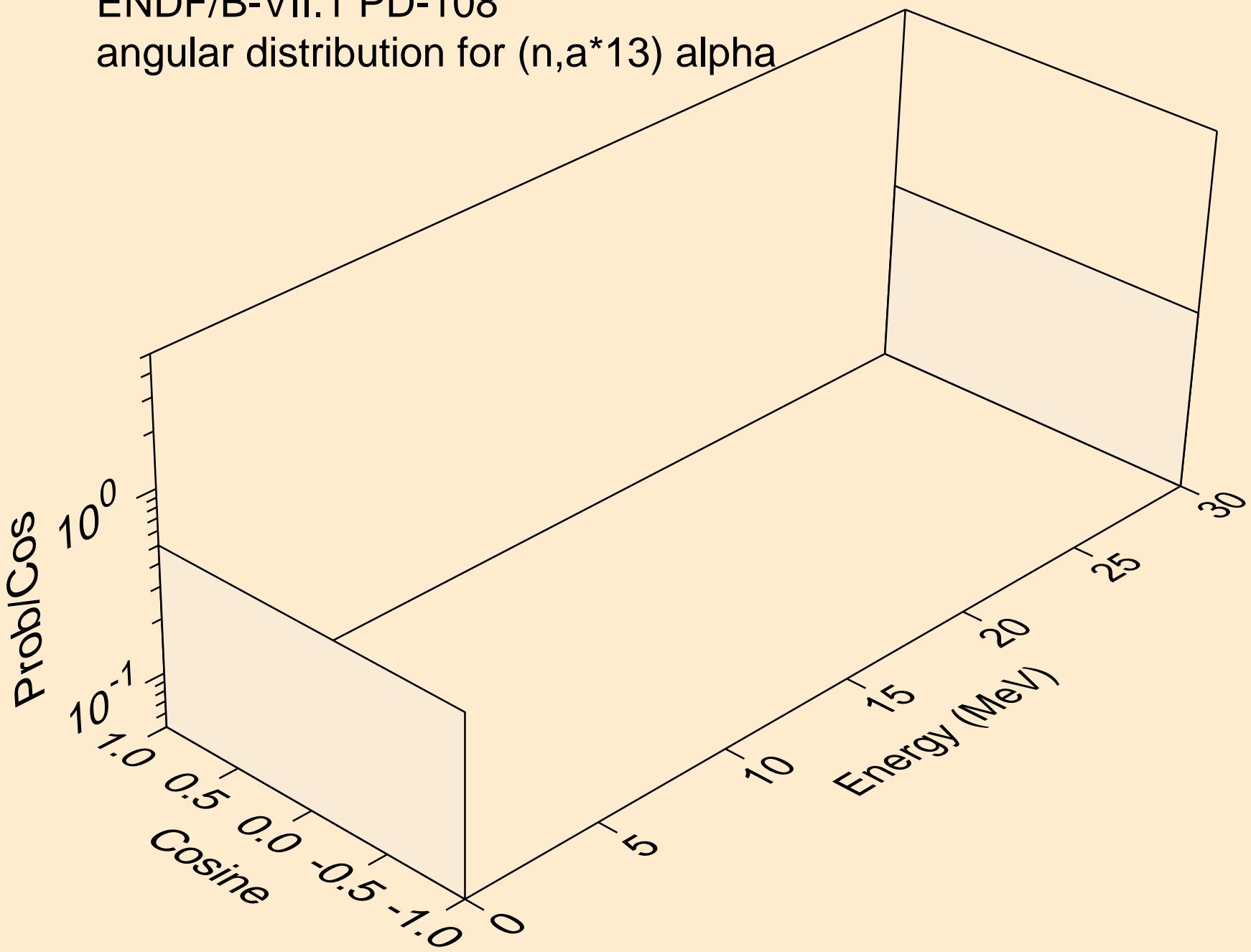
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angular distribution for (n,a\*11) alpha



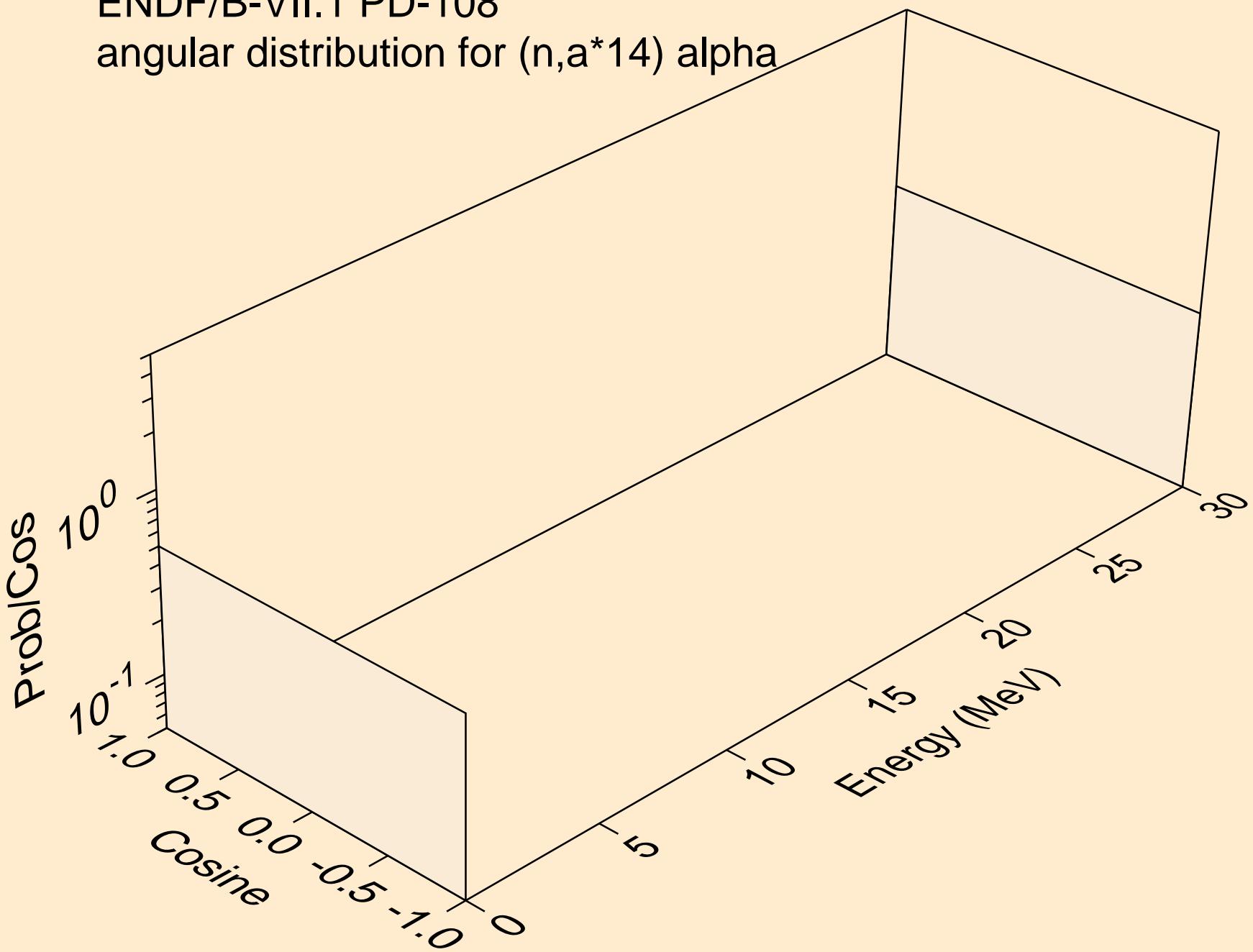
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angular distribution for (n,a\*12) alpha



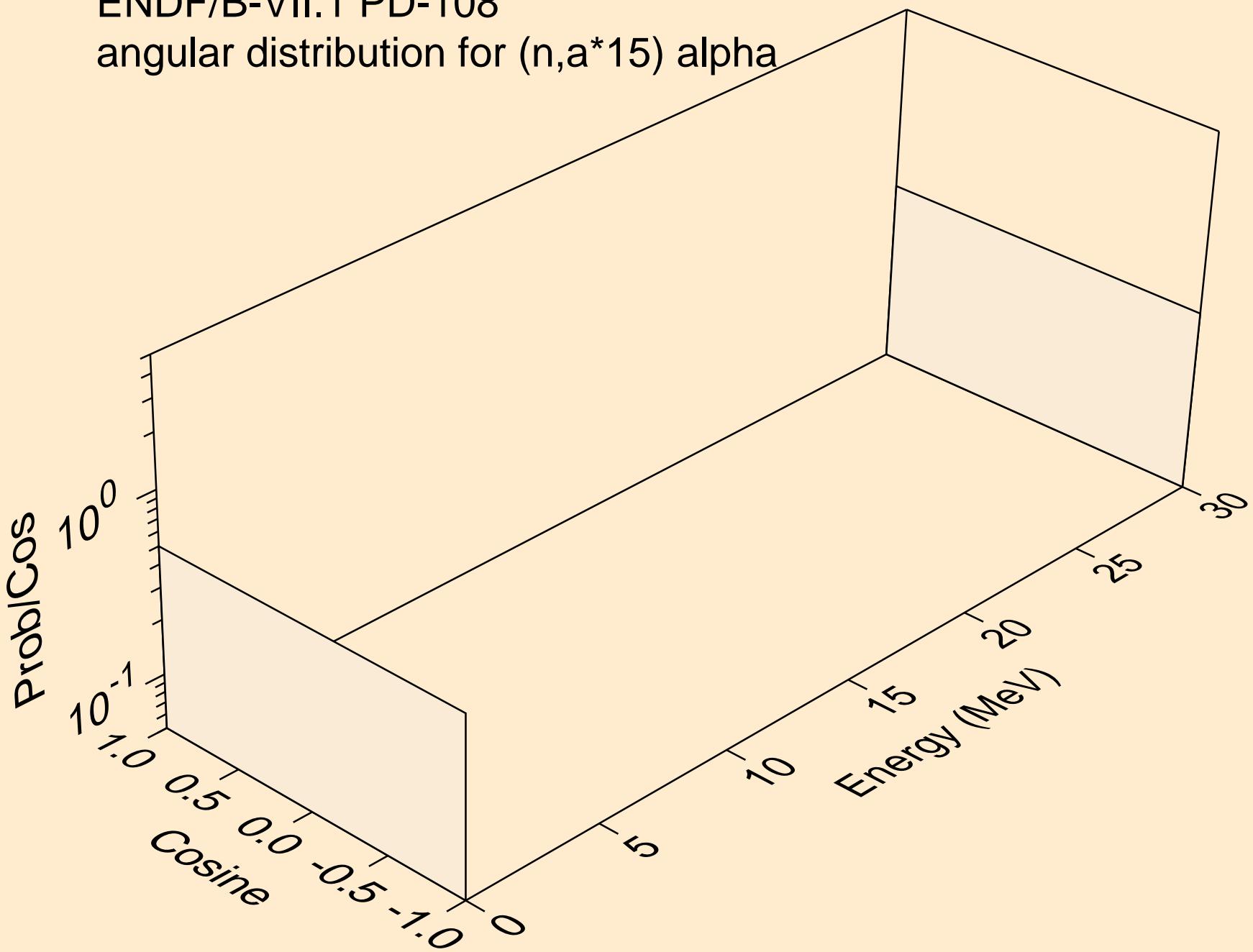
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angular distribution for (n,a\*13) alpha



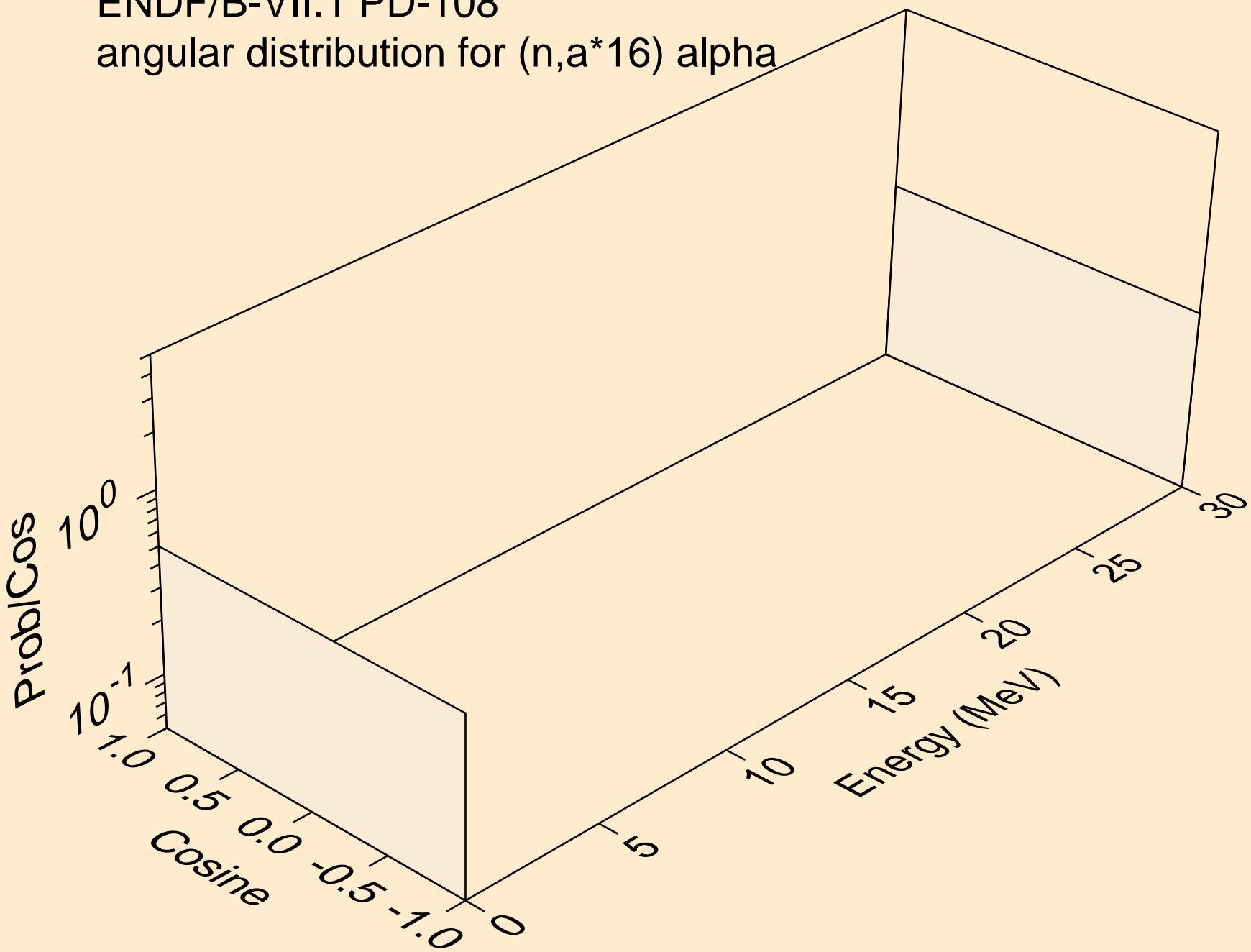
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angular distribution for ( $n,a^*14$ ) alpha



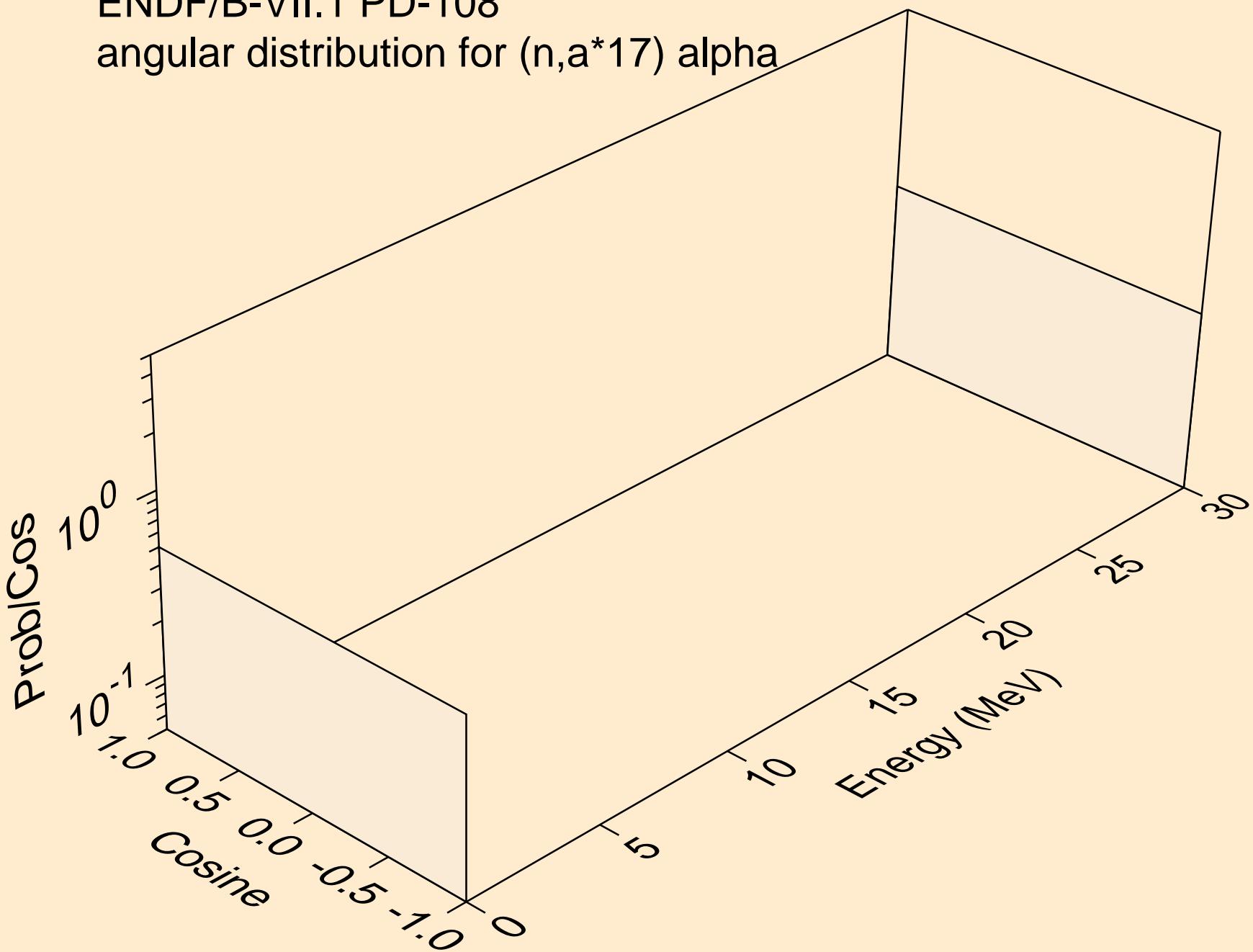
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angular distribution for (n,a\*15) alpha



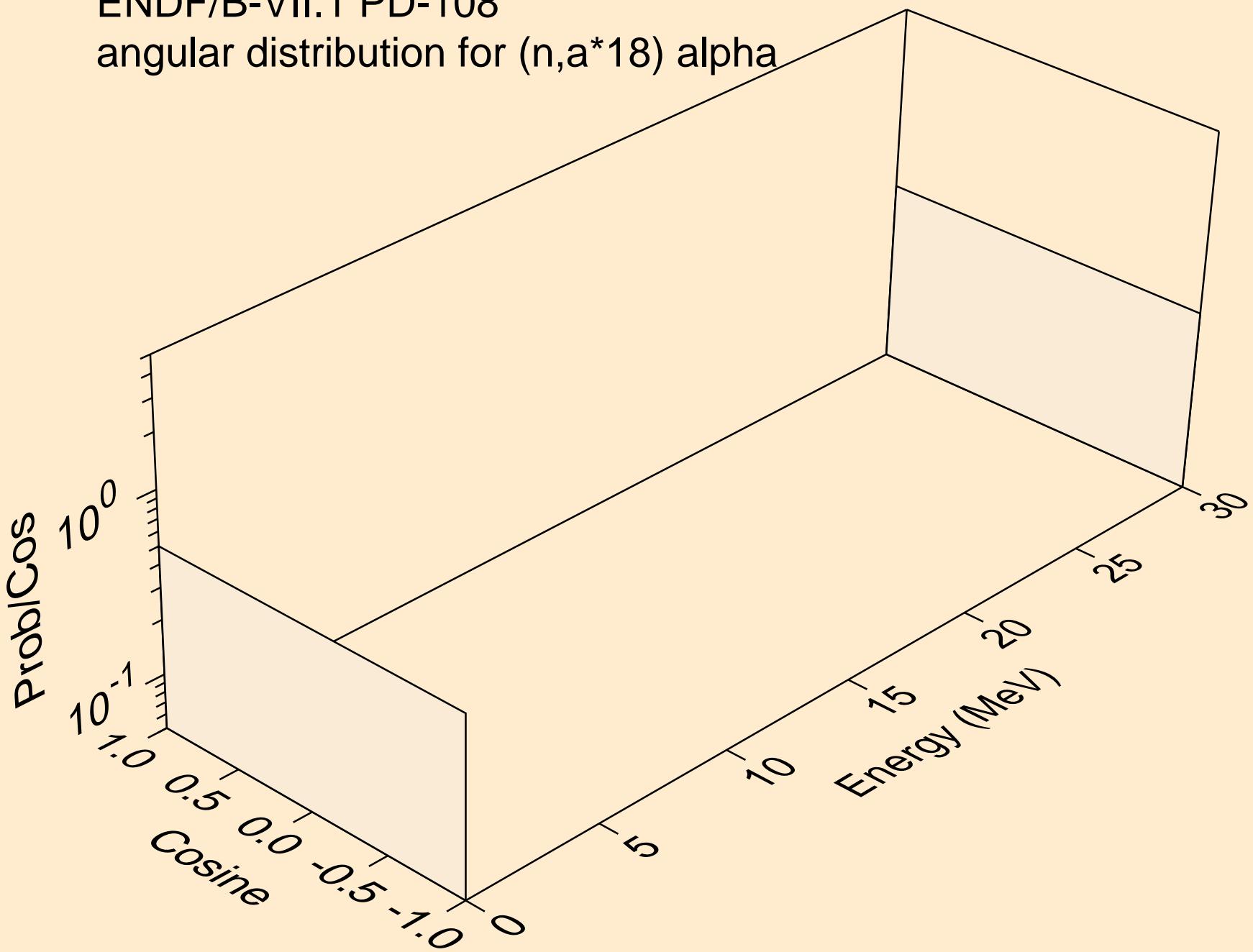
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angular distribution for (n,a\*16) alpha



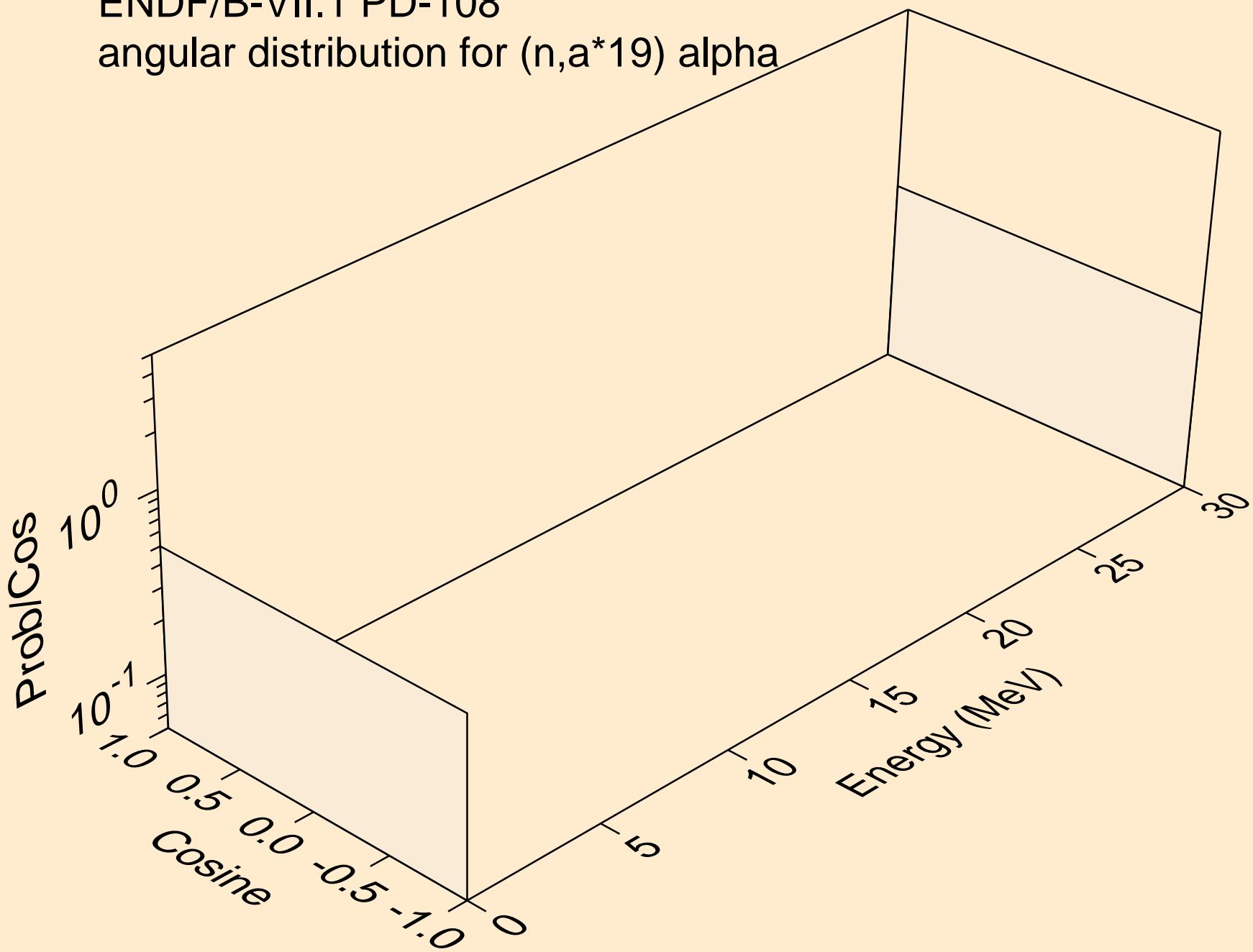
ENDF/B-VII.1 PD-108  
angular distribution for ( $n,a^*17$ ) alpha



ENDF/B-VII.1 PD-108  
angular distribution for (n,a\*18) alpha



ENDF/B-VII.1 PD-108  
angular distribution for (n,a\*19) alpha



ENDF/B-VII.1 PD-108  
alphas from  $(n, a^* c)$

