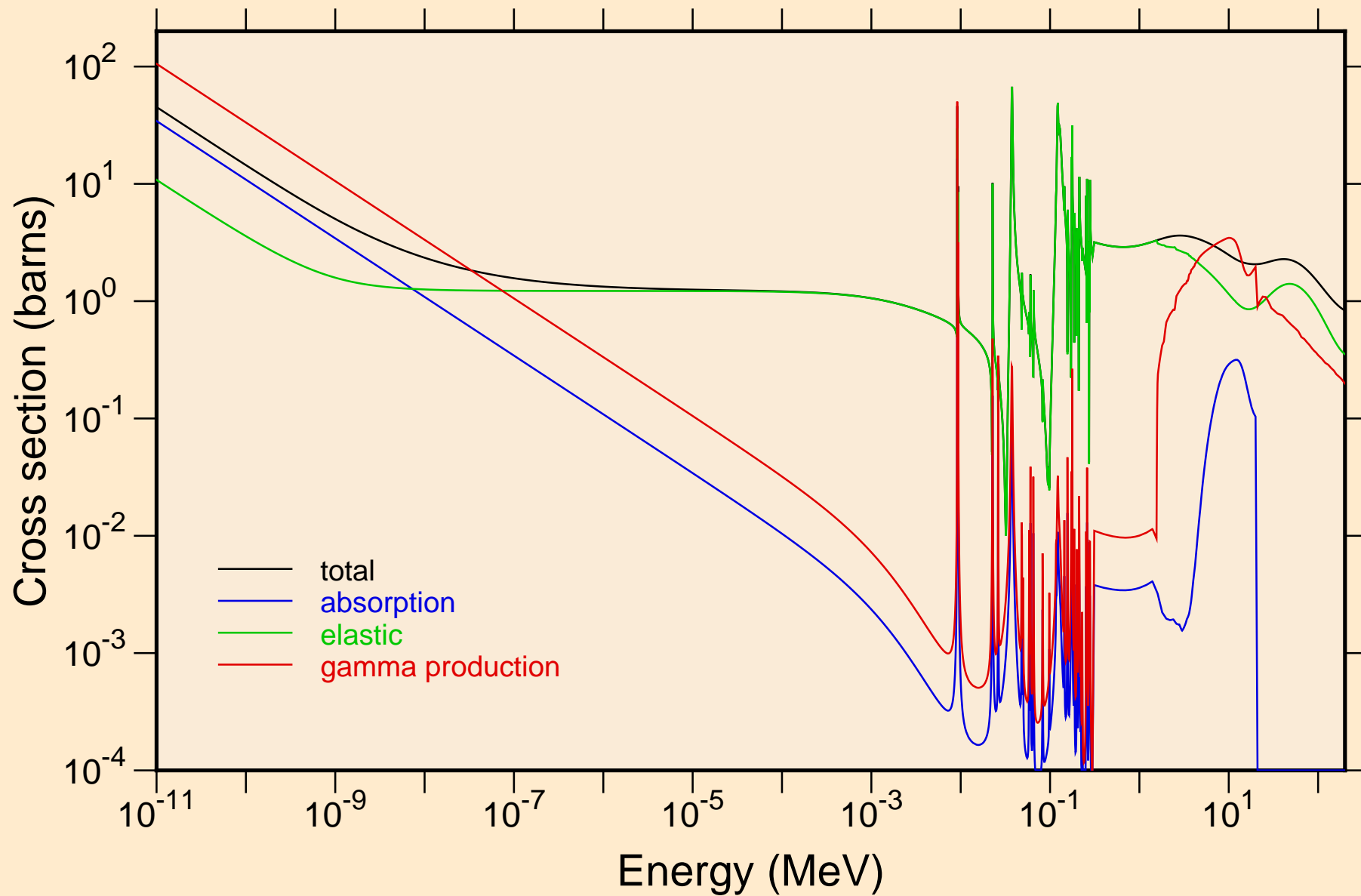
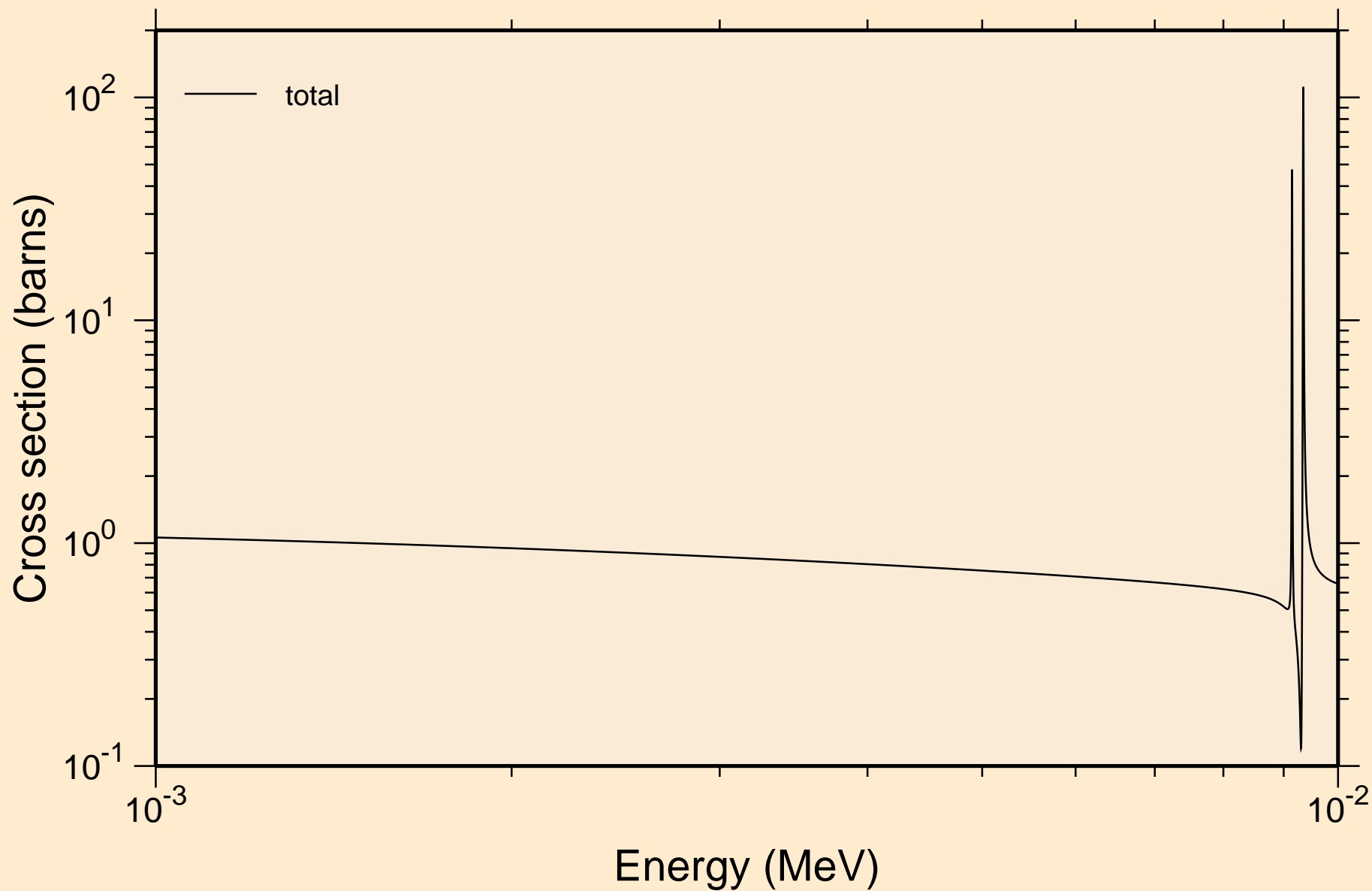


ENDF/B-VII.1 CA-42

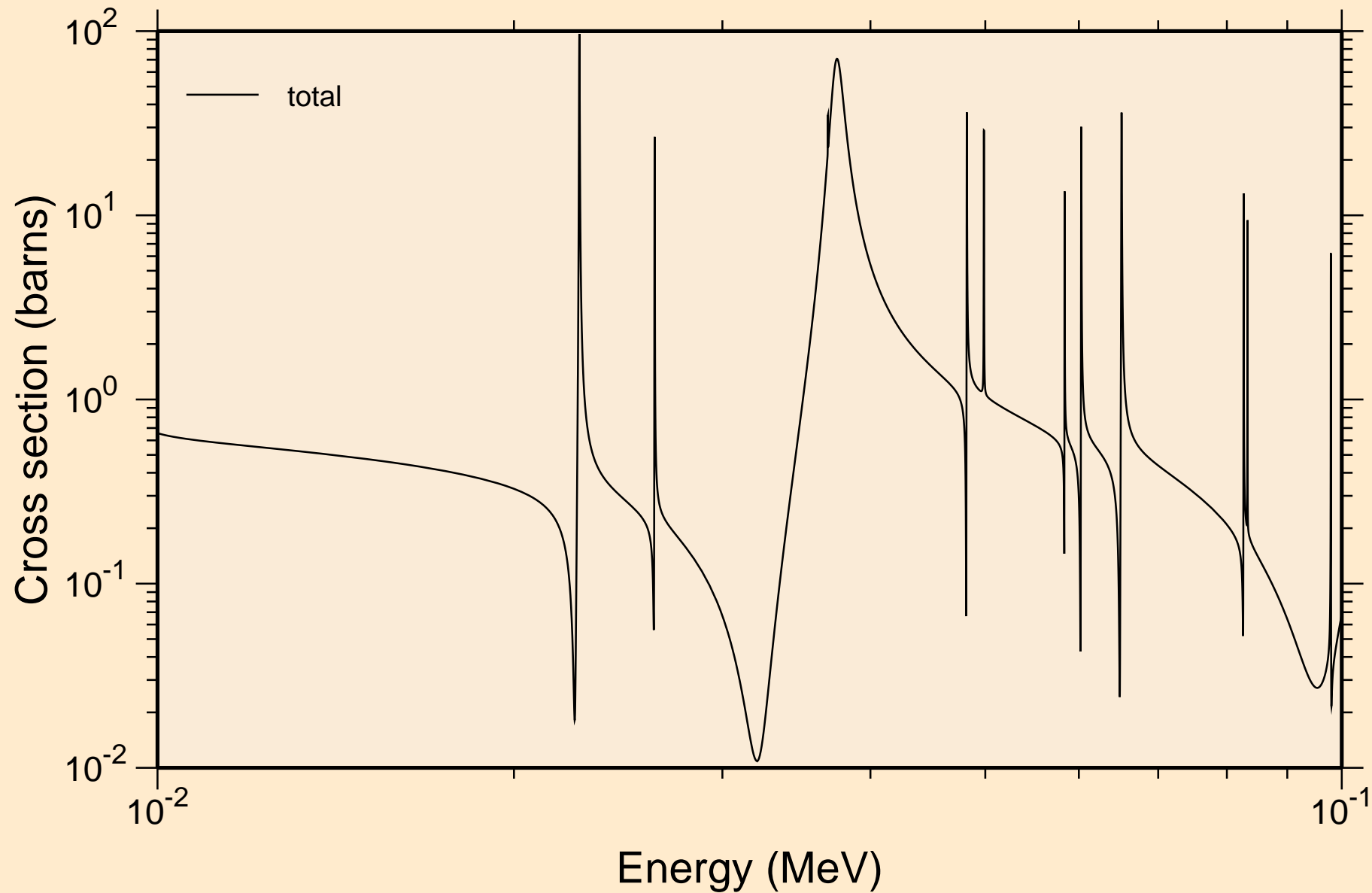
Principal cross sections



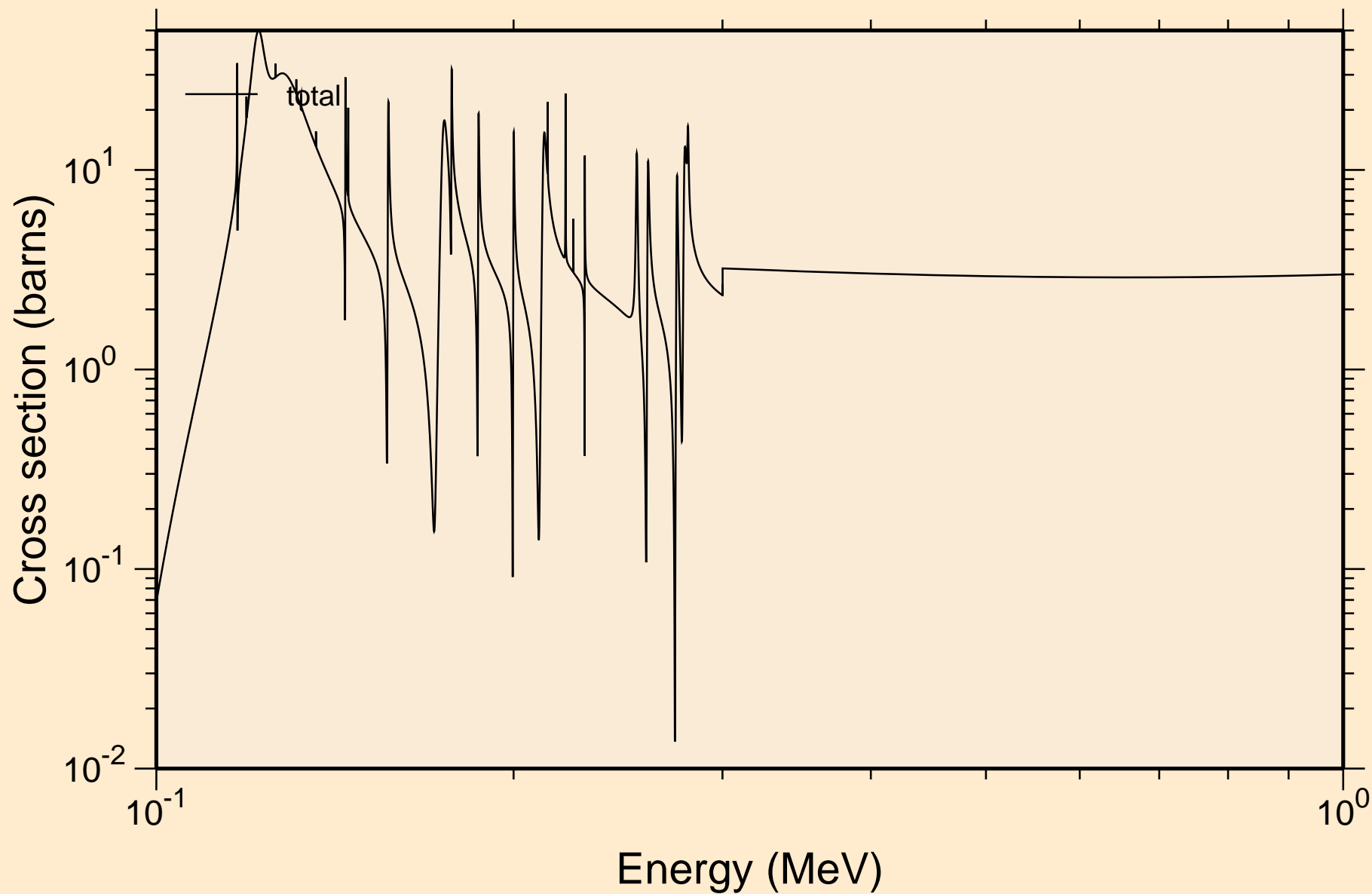
ENDF/B-VII.1 CA-42
resonance total cross section



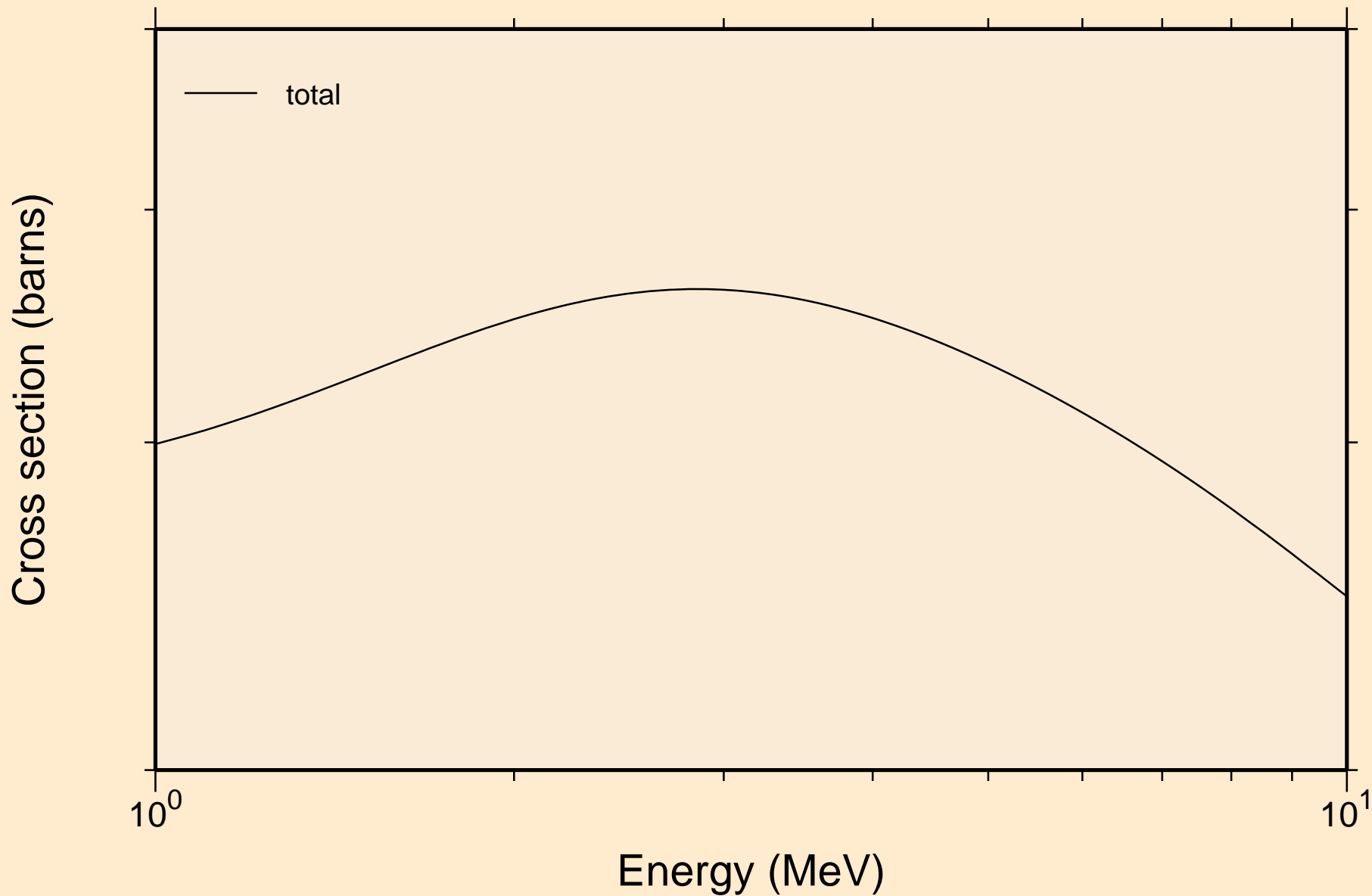
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resonance total cross section



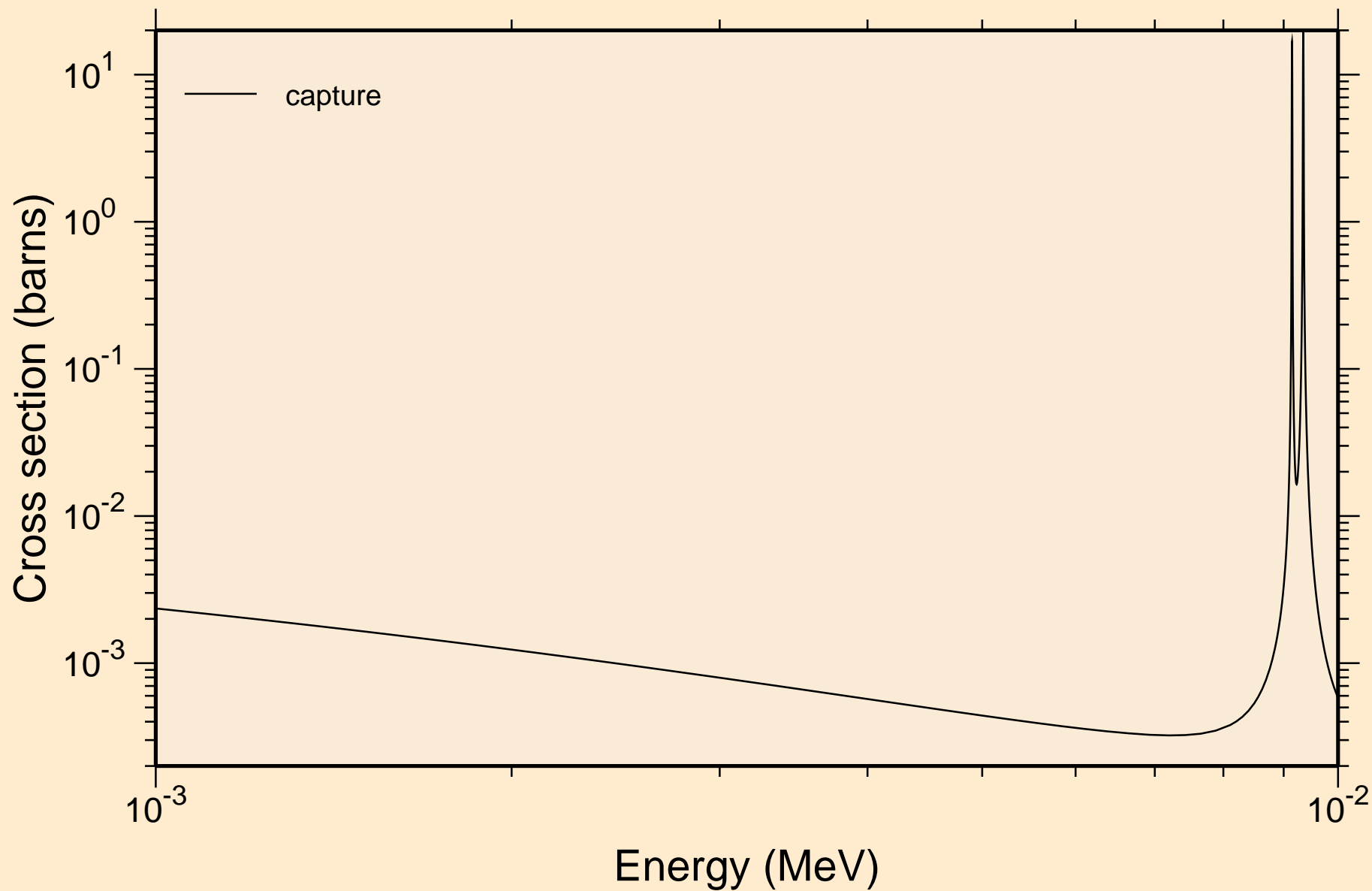
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resonance total cross section



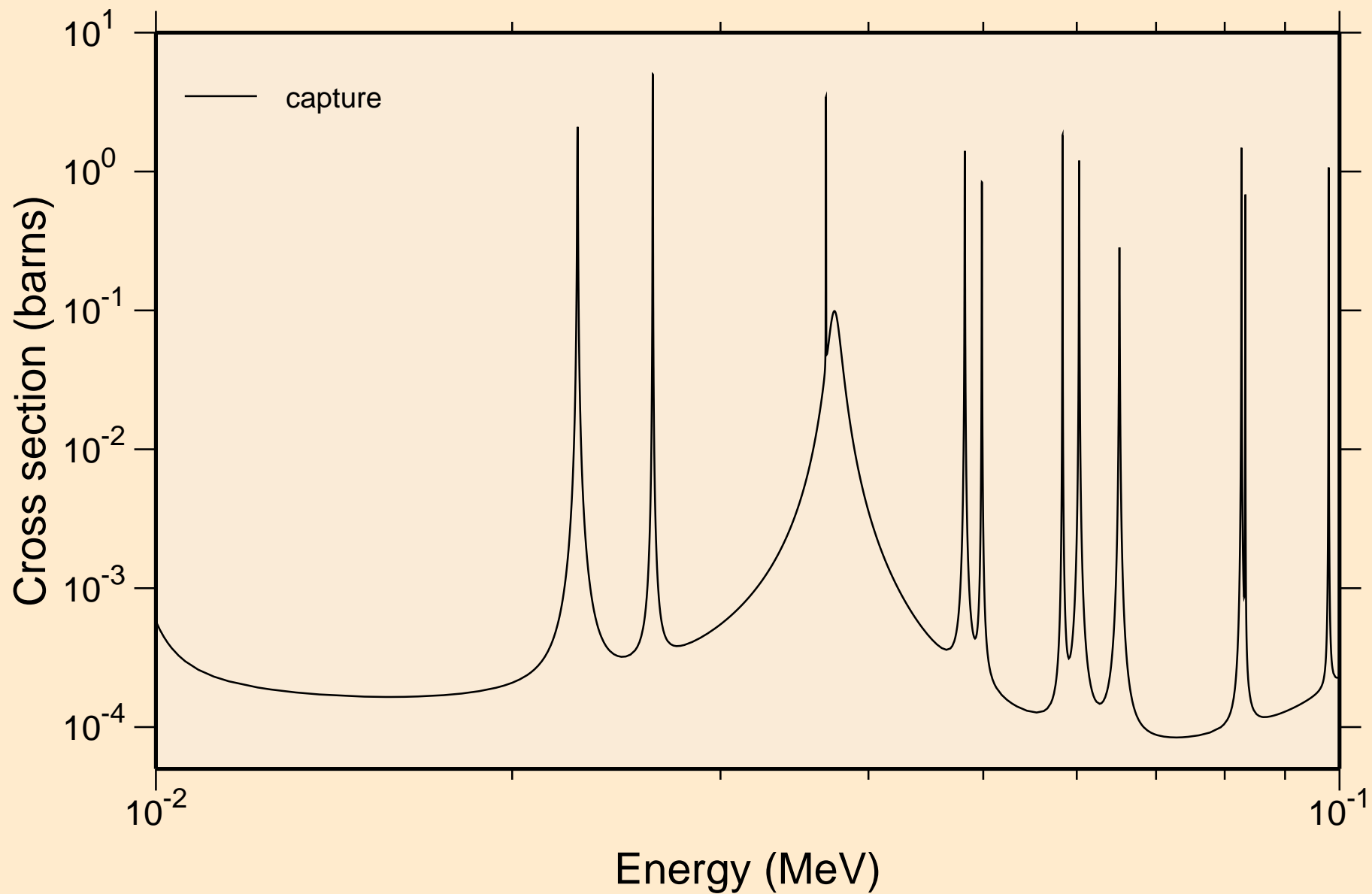
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resonance total cross section



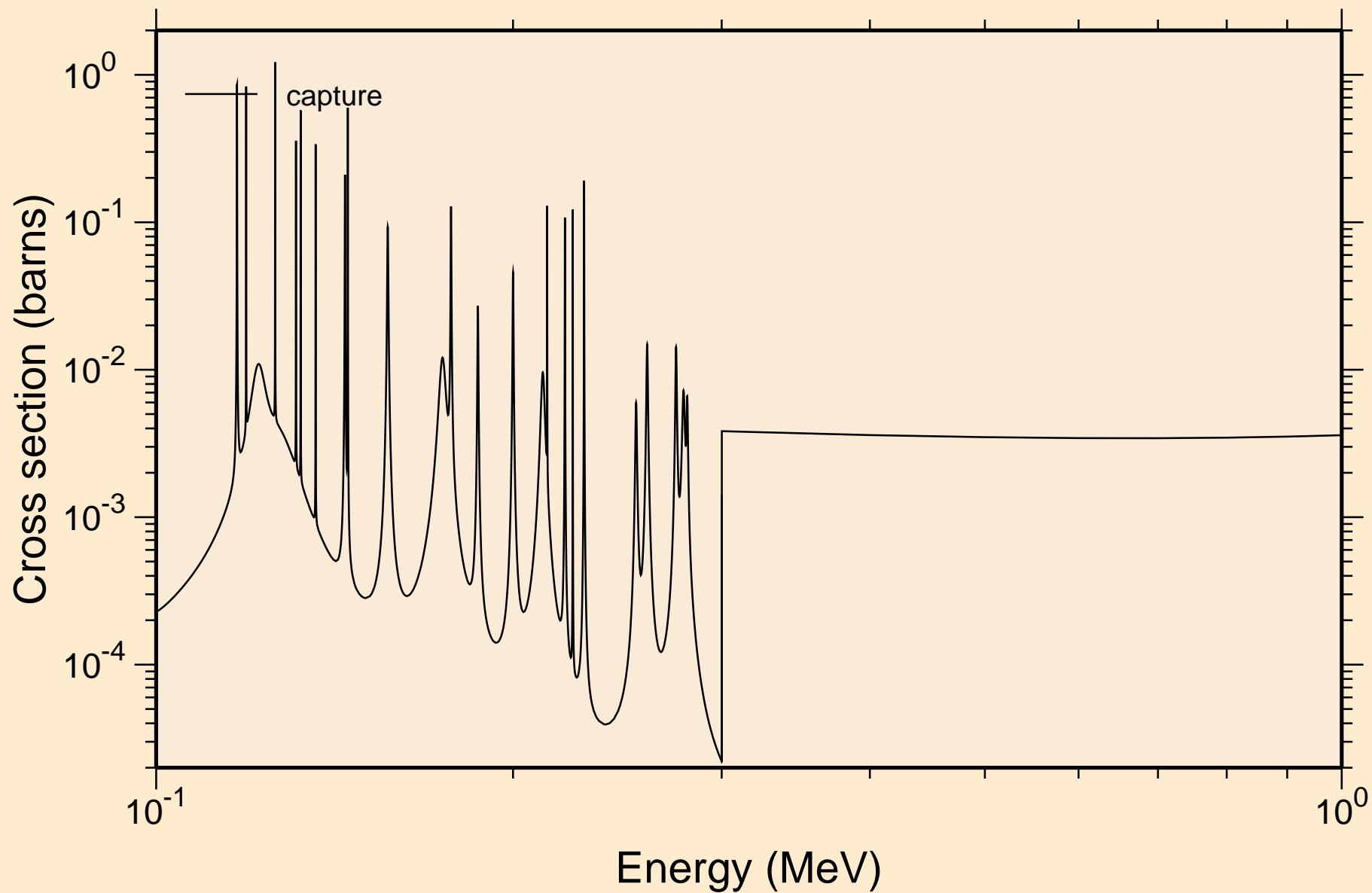
ENDF/B-VII.1 CA-42
resonance absorption cross sections



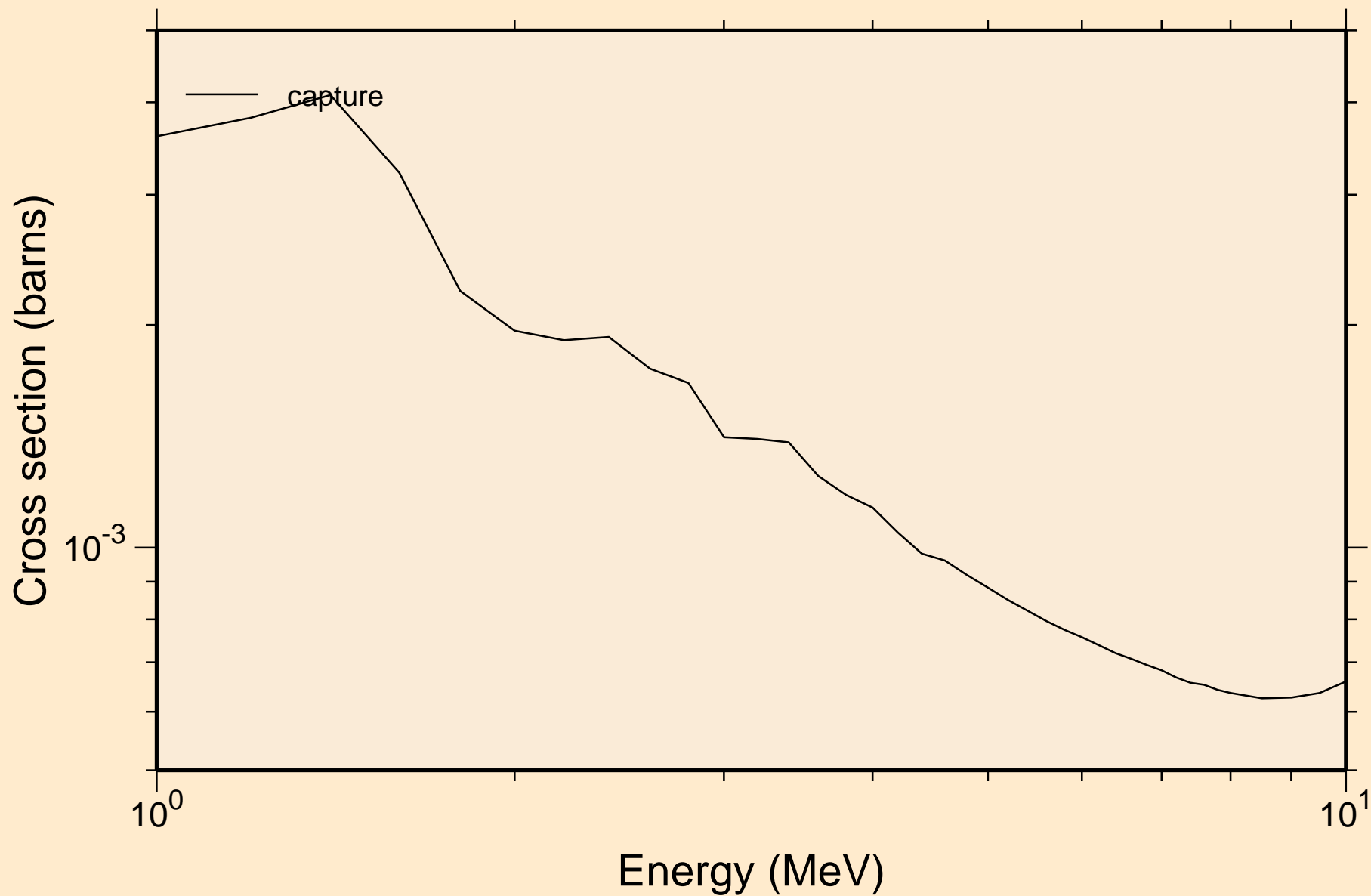
ENDF/B-VII.1 CA-42 resonance absorption cross sections



ENDF/B-VII.1 CA-42
resonance absorption cross sections

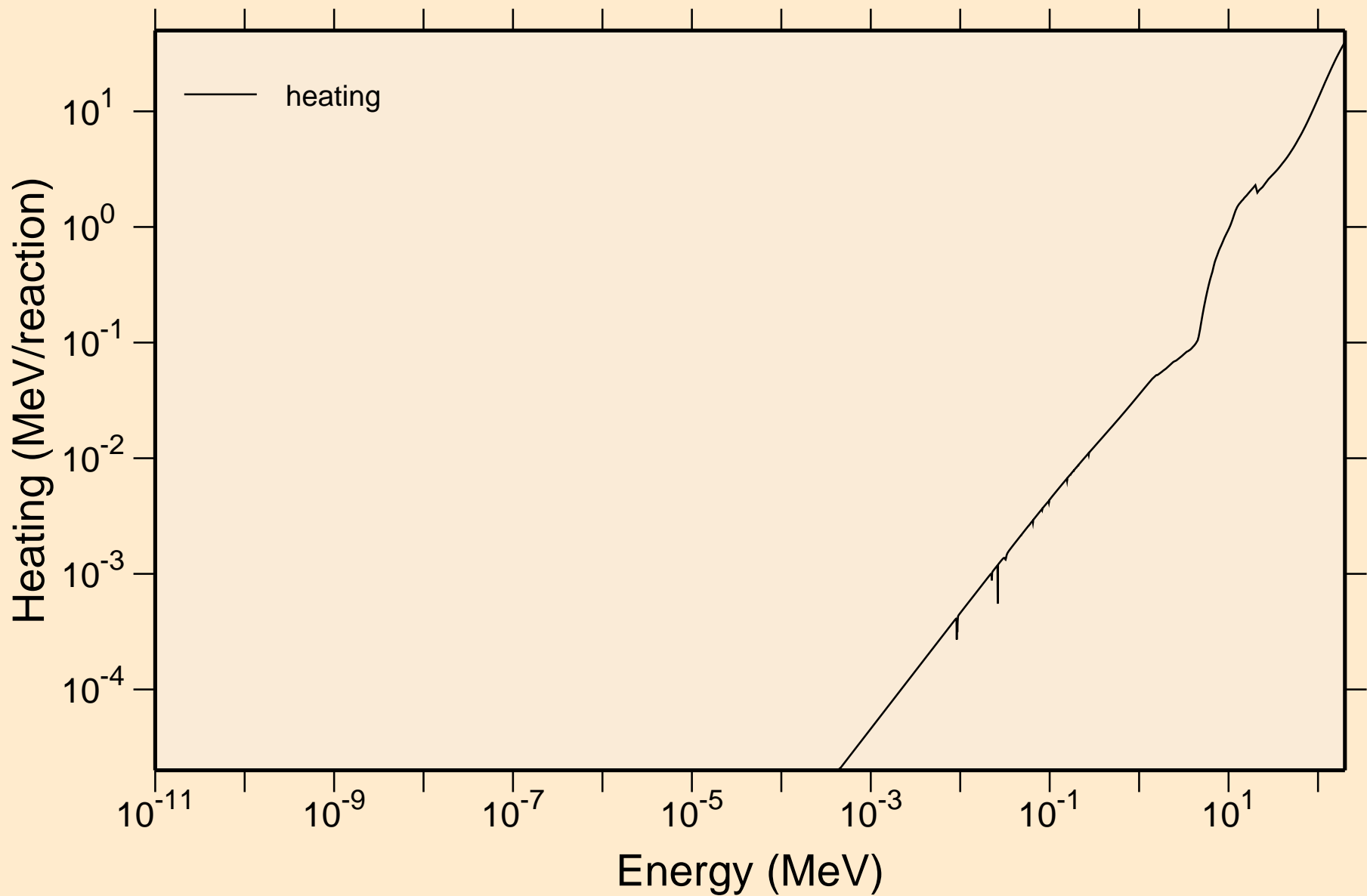


ENDF/B-VII.1 CA-42
resonance absorption cross sections

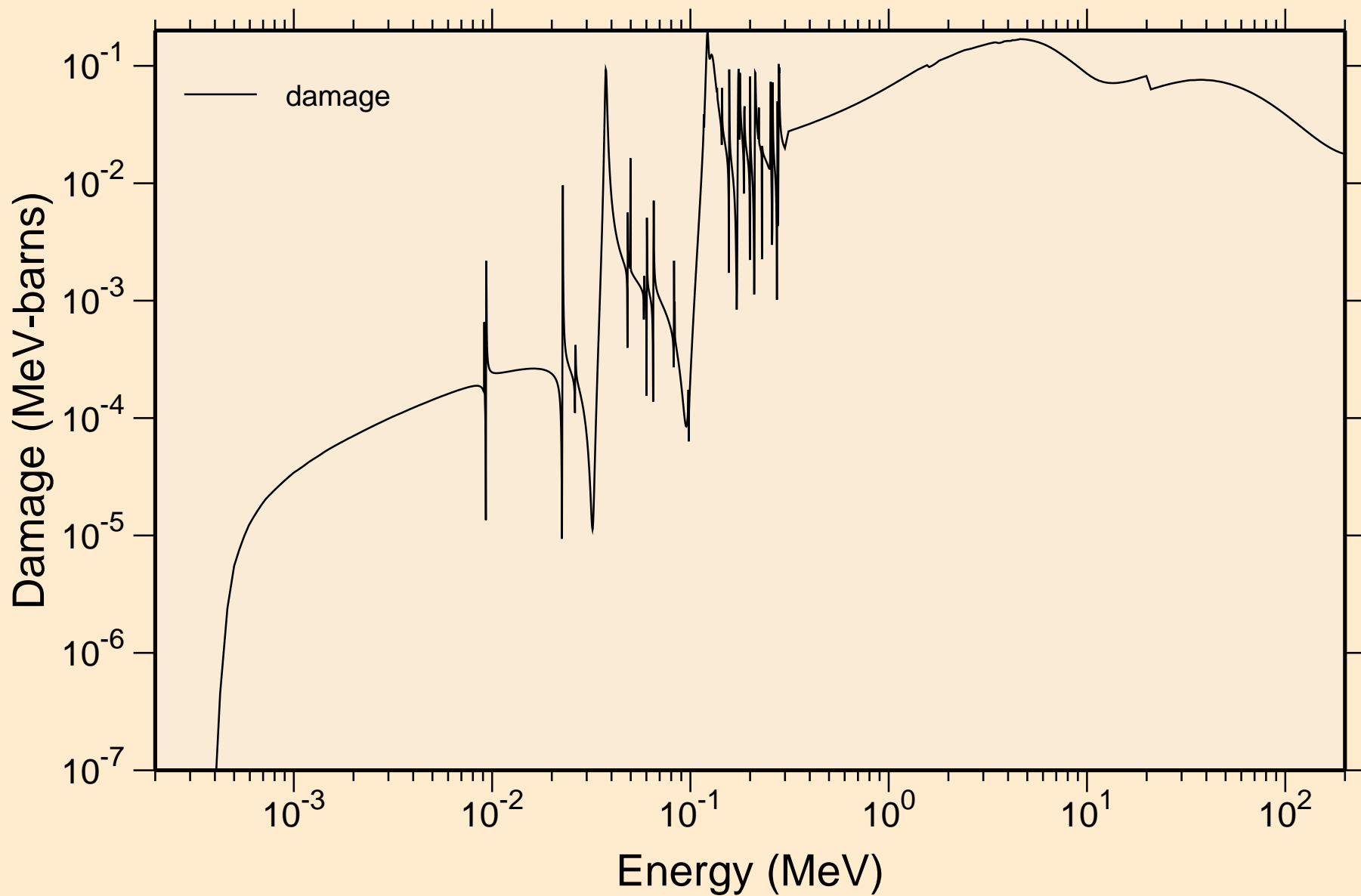


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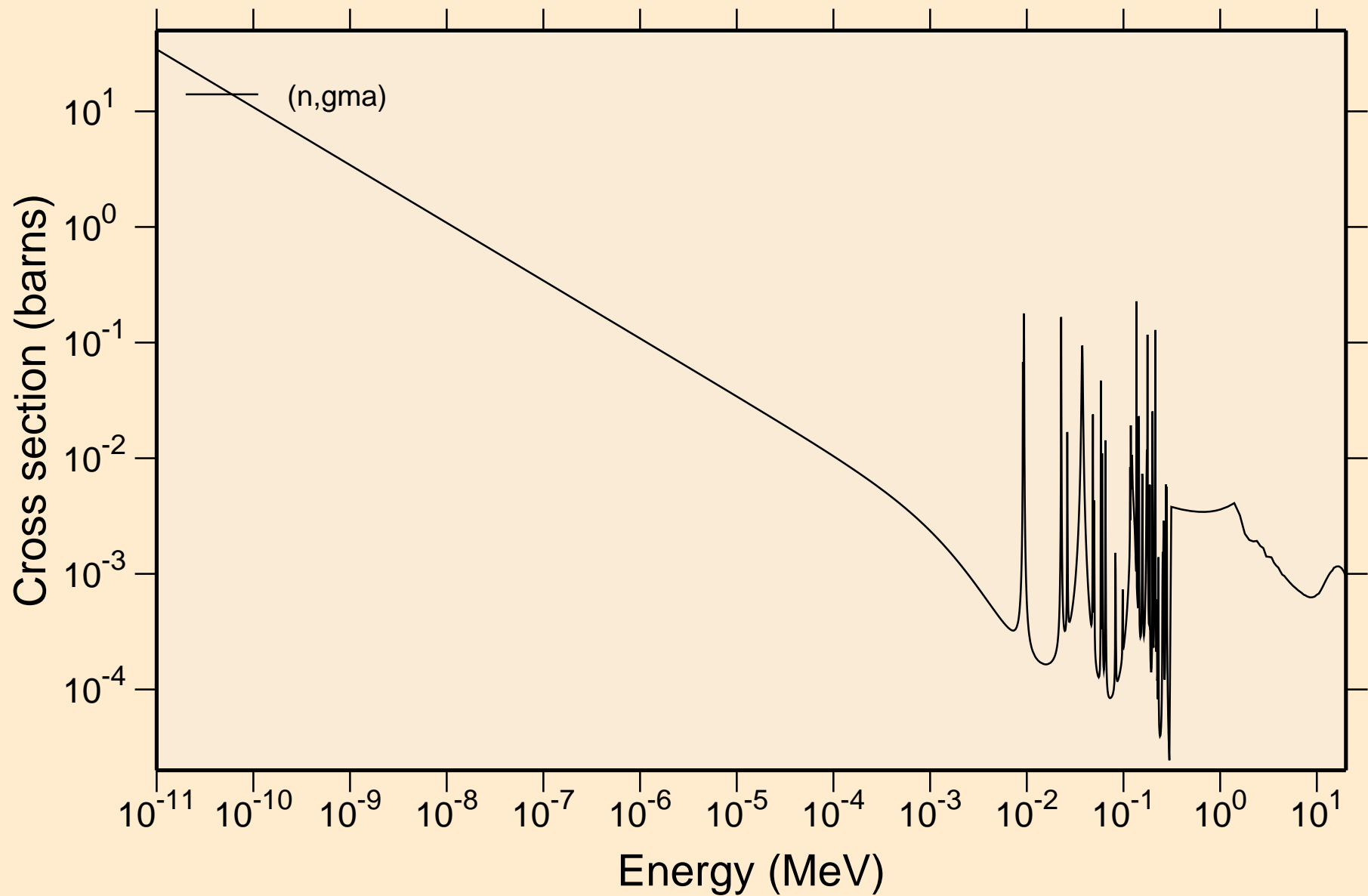
Heating



ENDF/B-VII.1 CA-42 Damage

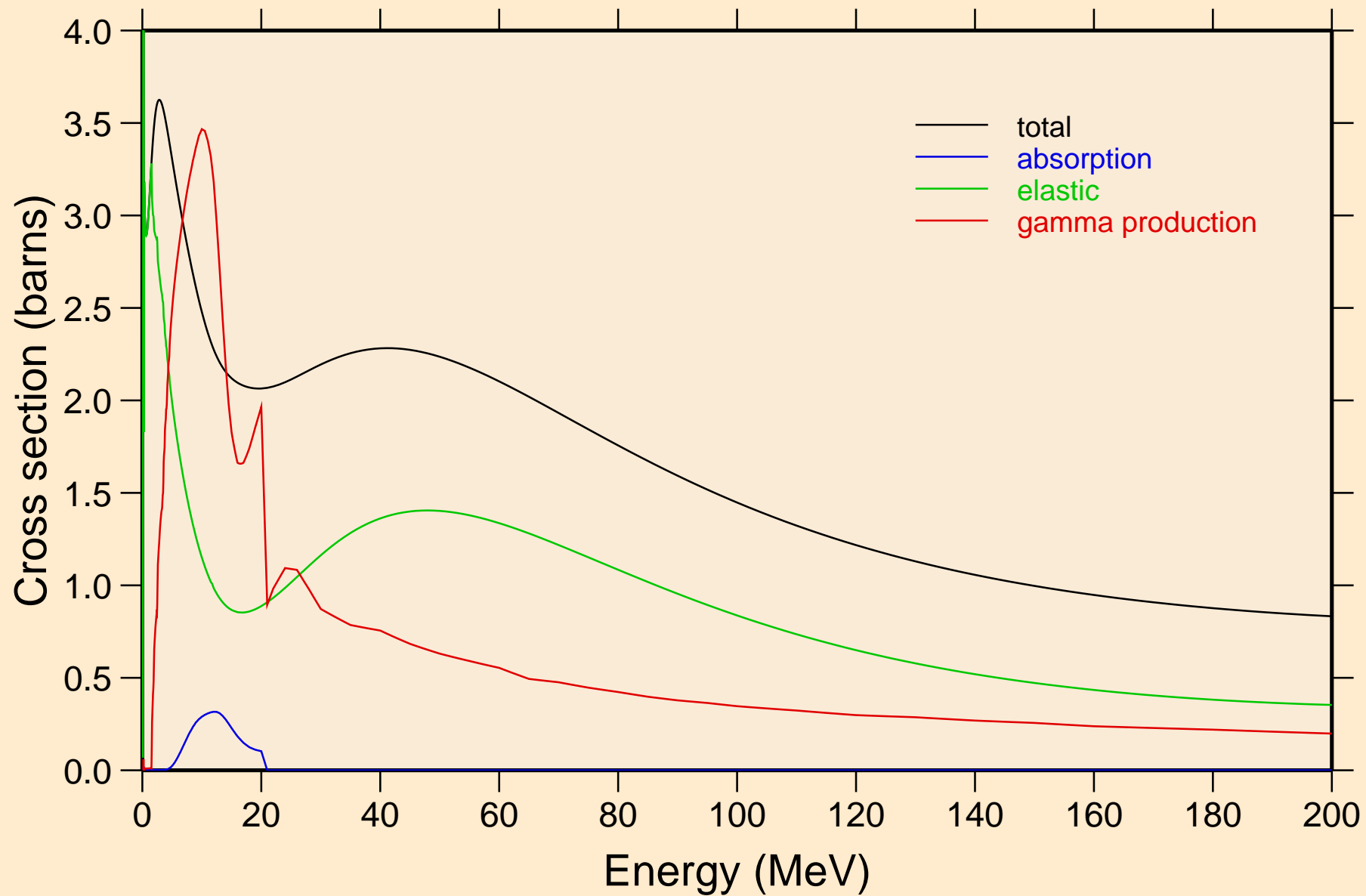


ENDF/B-VII.1 CA-42
Non-threshold reactions



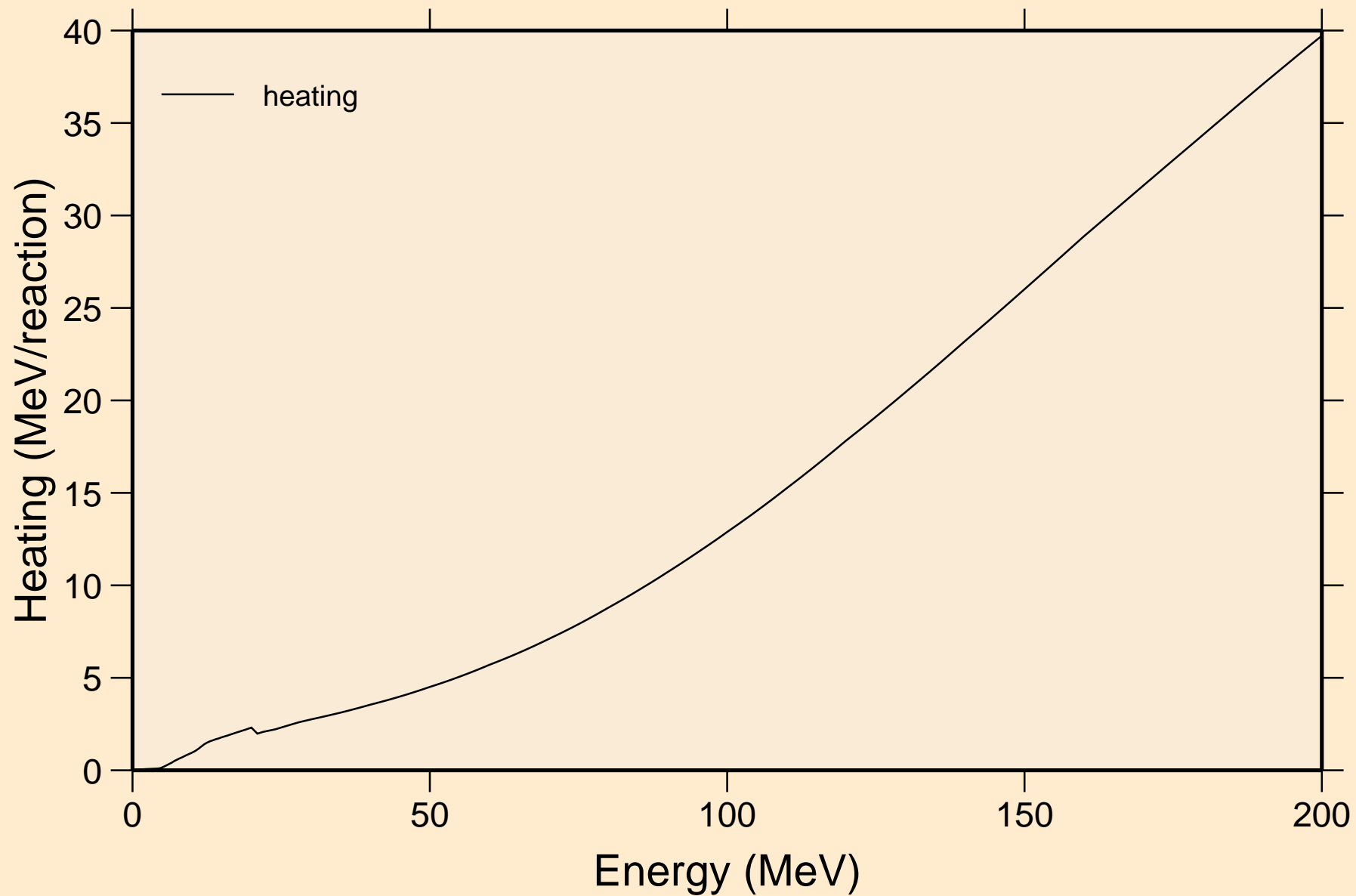
ENDF/B-VII.1 CA-42

Principal cross sections



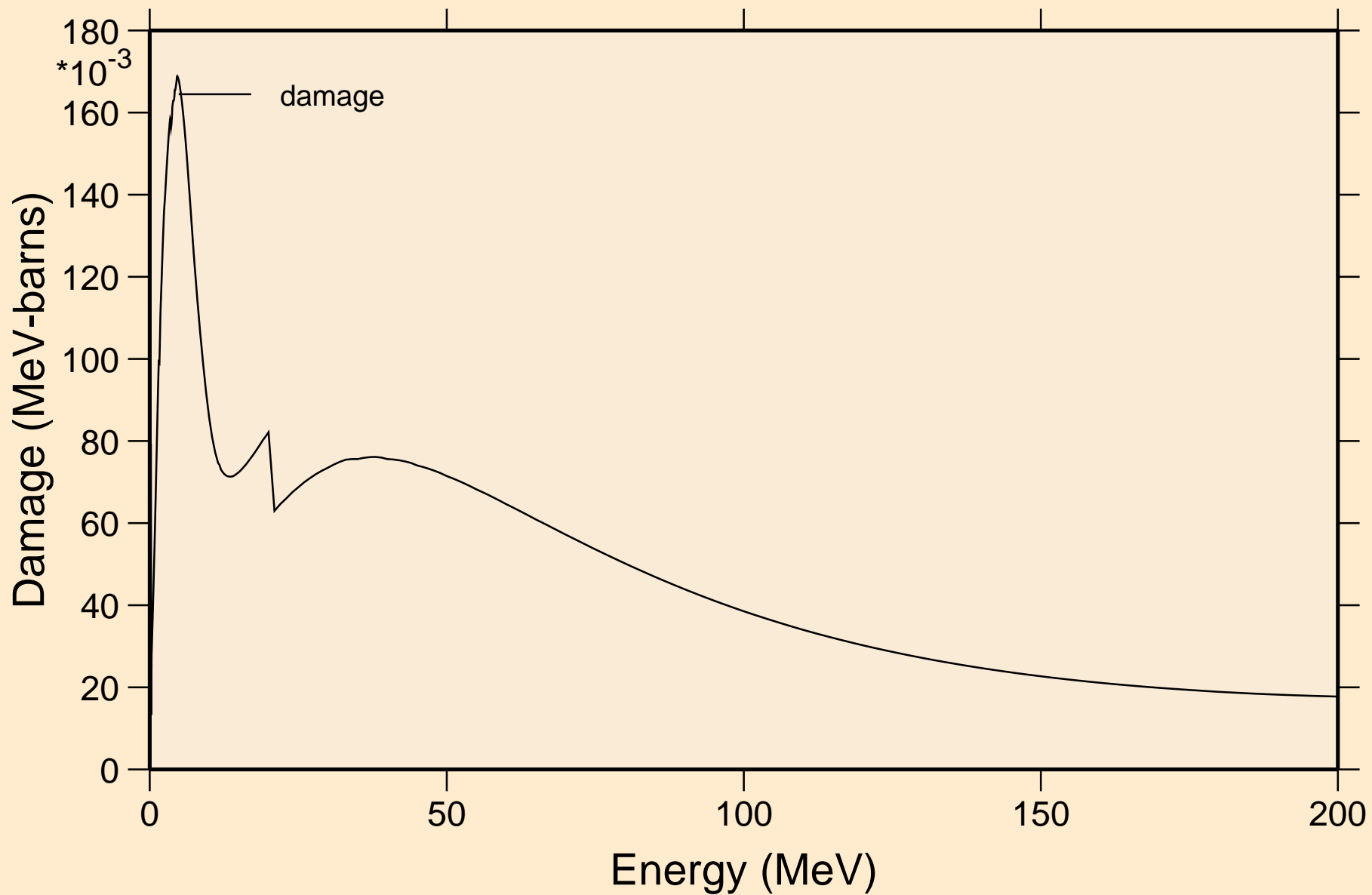
ENDF/B-VII.1 CA-42

Heating

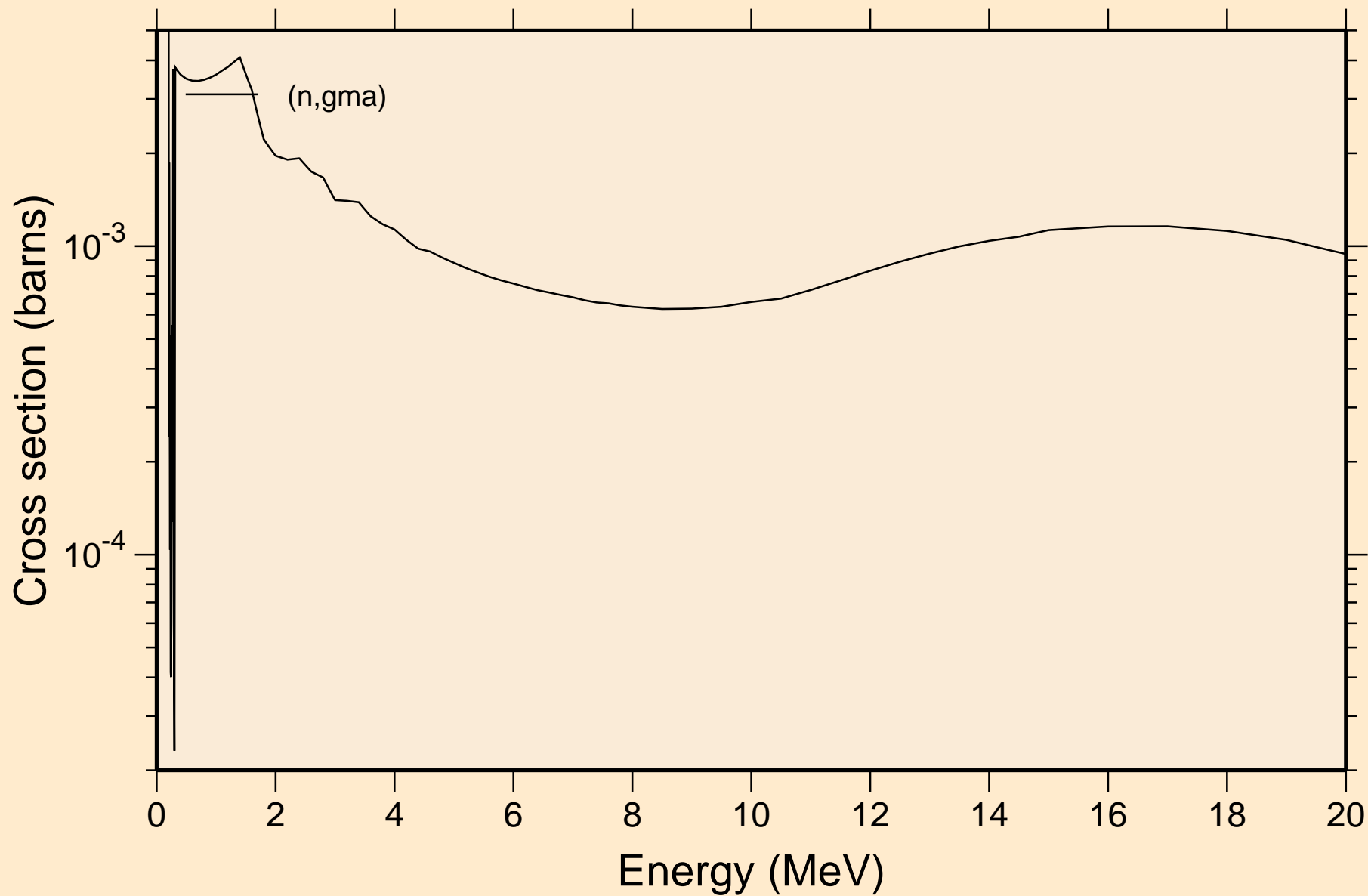


ENDF/B-VII.1 CA-42

Damage

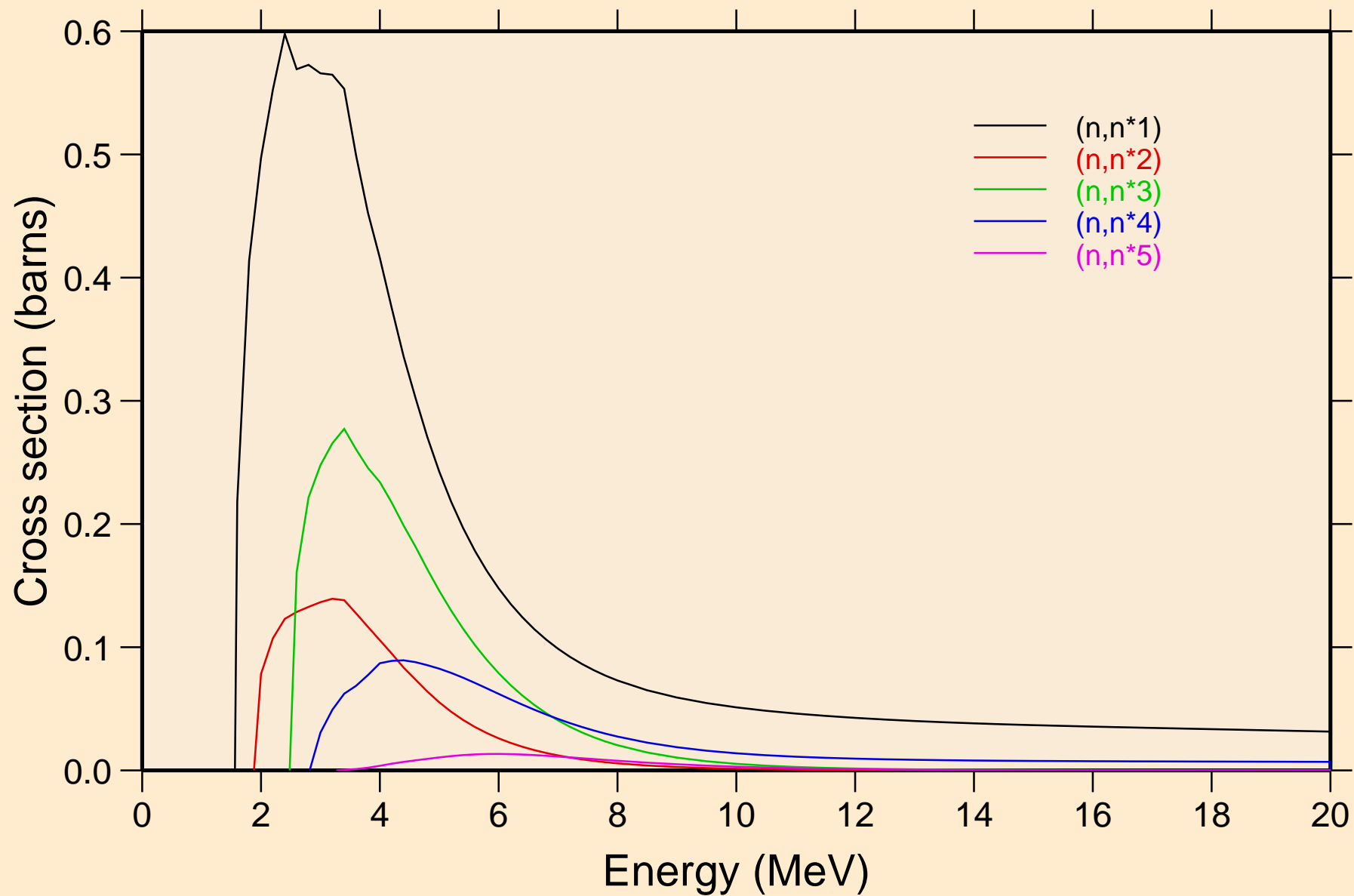


ENDF/B-VII.1 CA-42
Non-threshold reactions



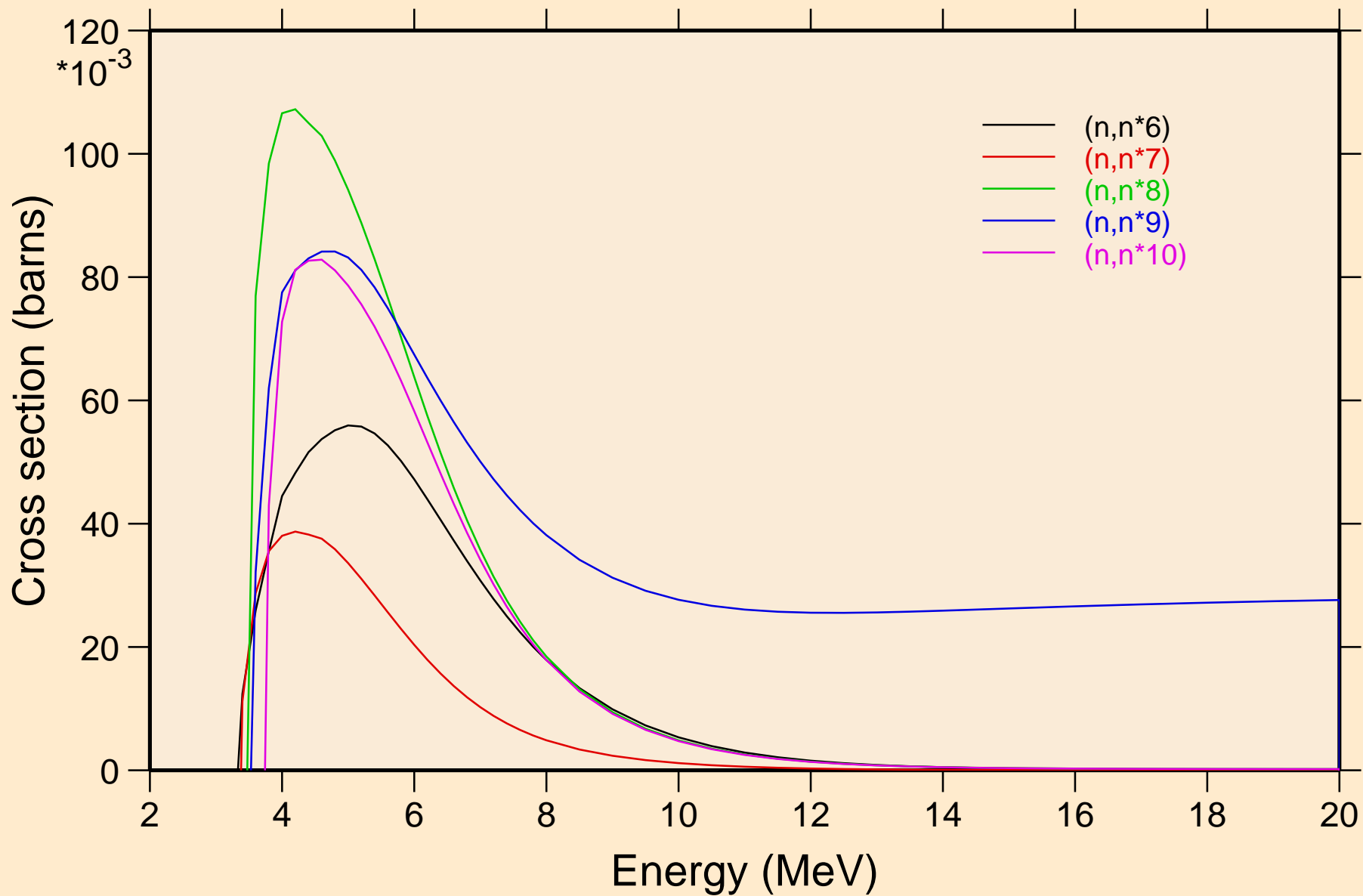
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Inelastic levels



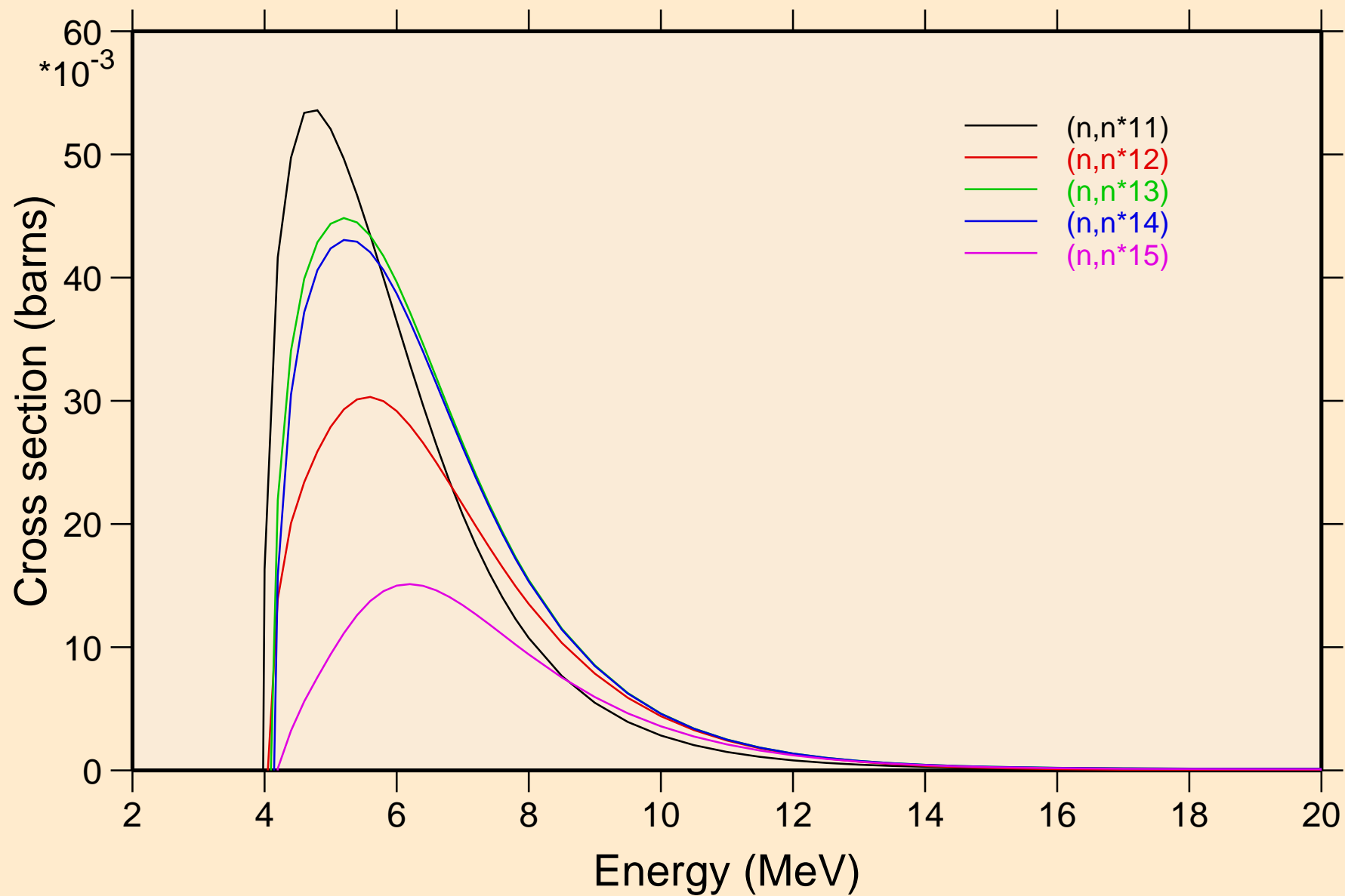
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Inelastic levels



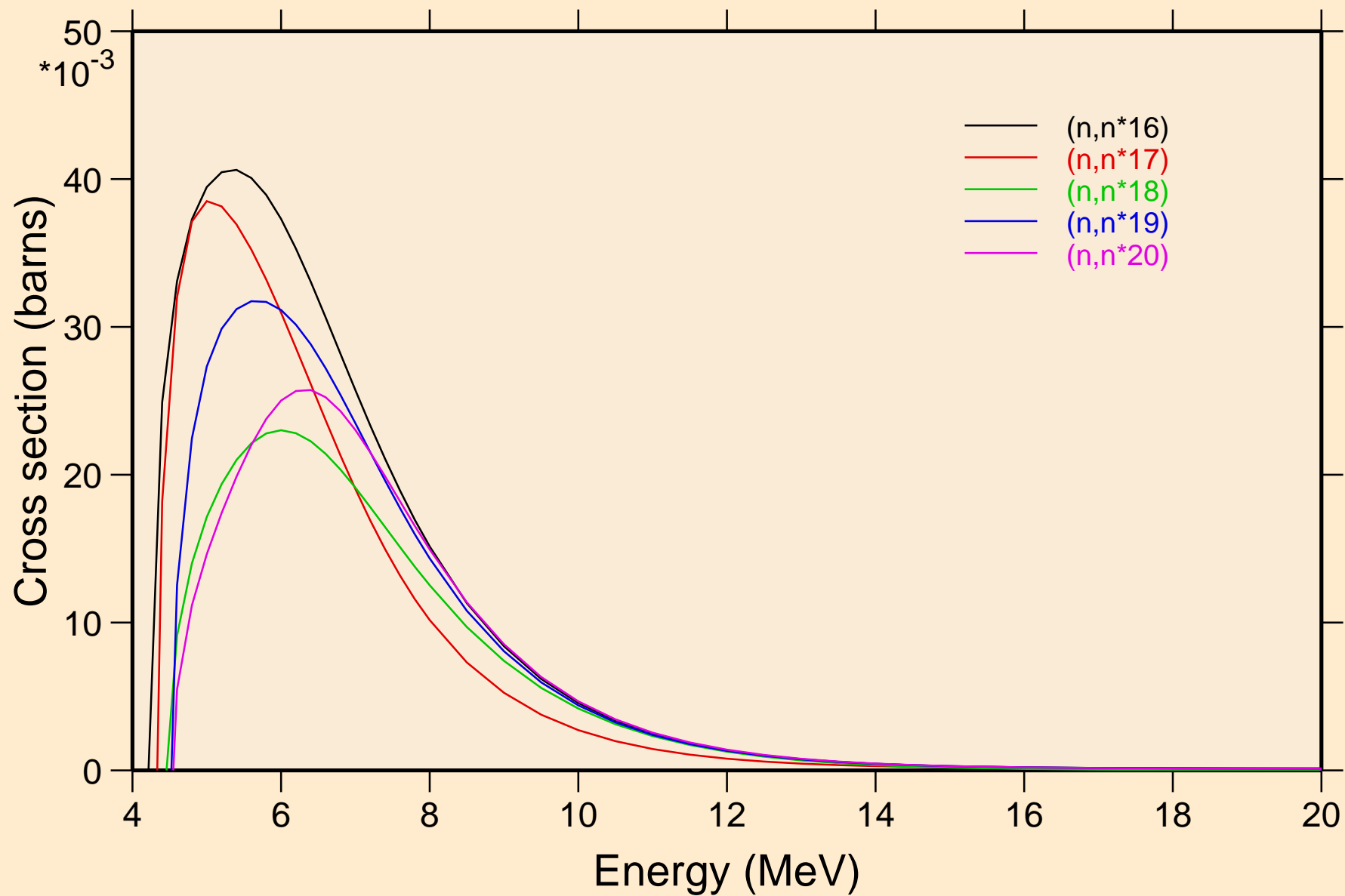
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Inelastic levels



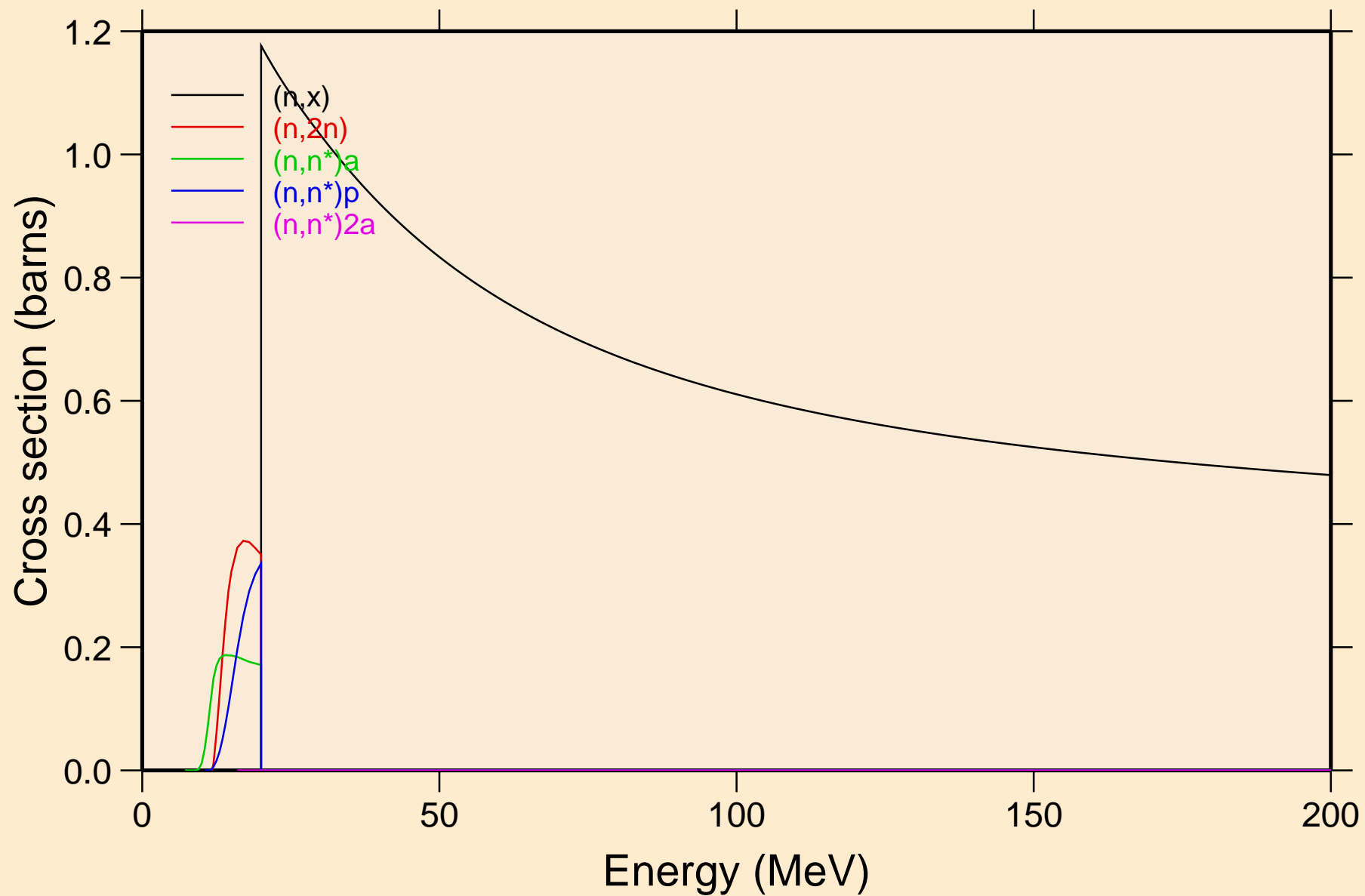
ENDF/B-VII.1 CA-42

Inelastic levels



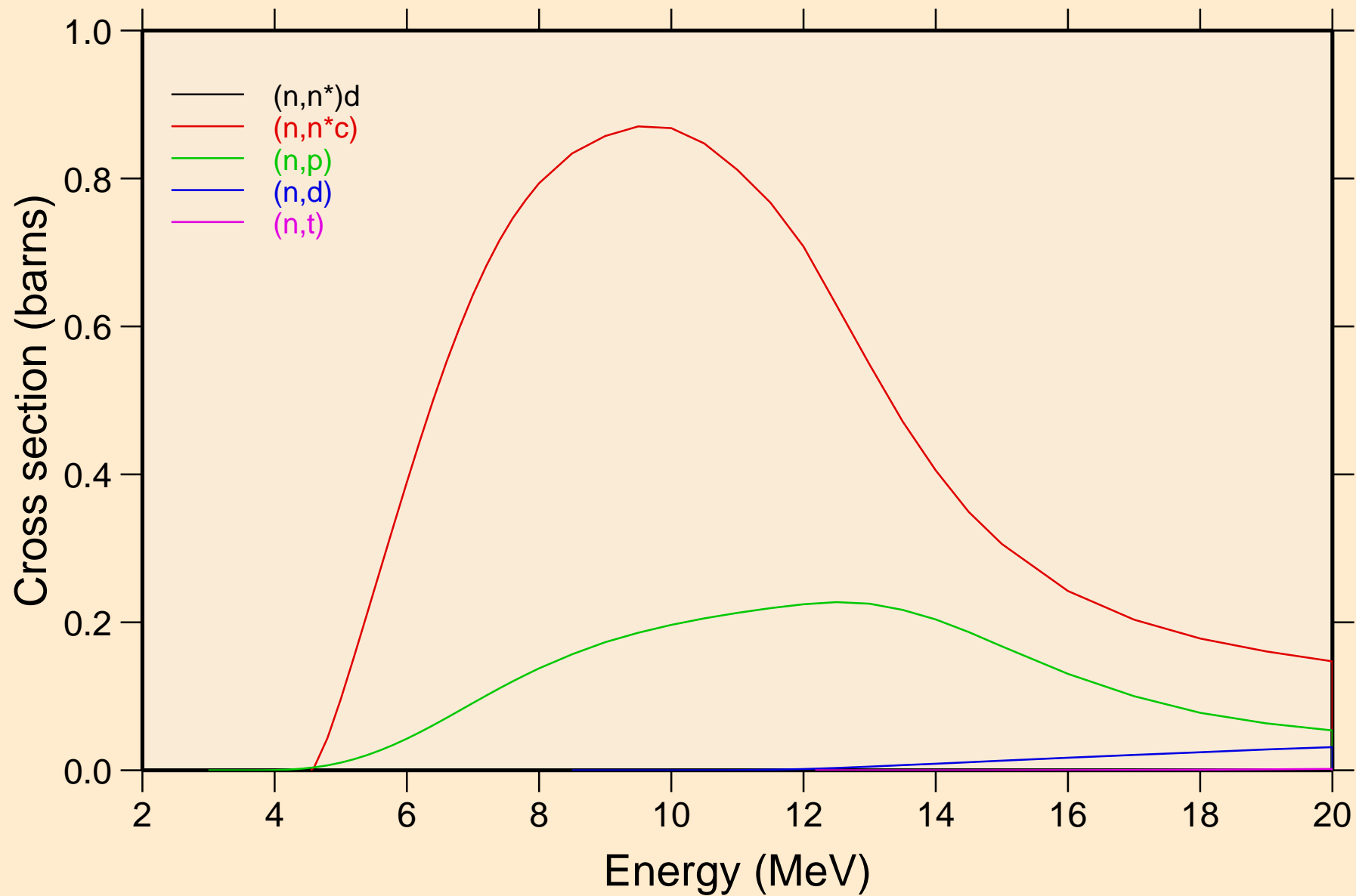
ENDF/B-VII.1 CA-42

Threshold reactions



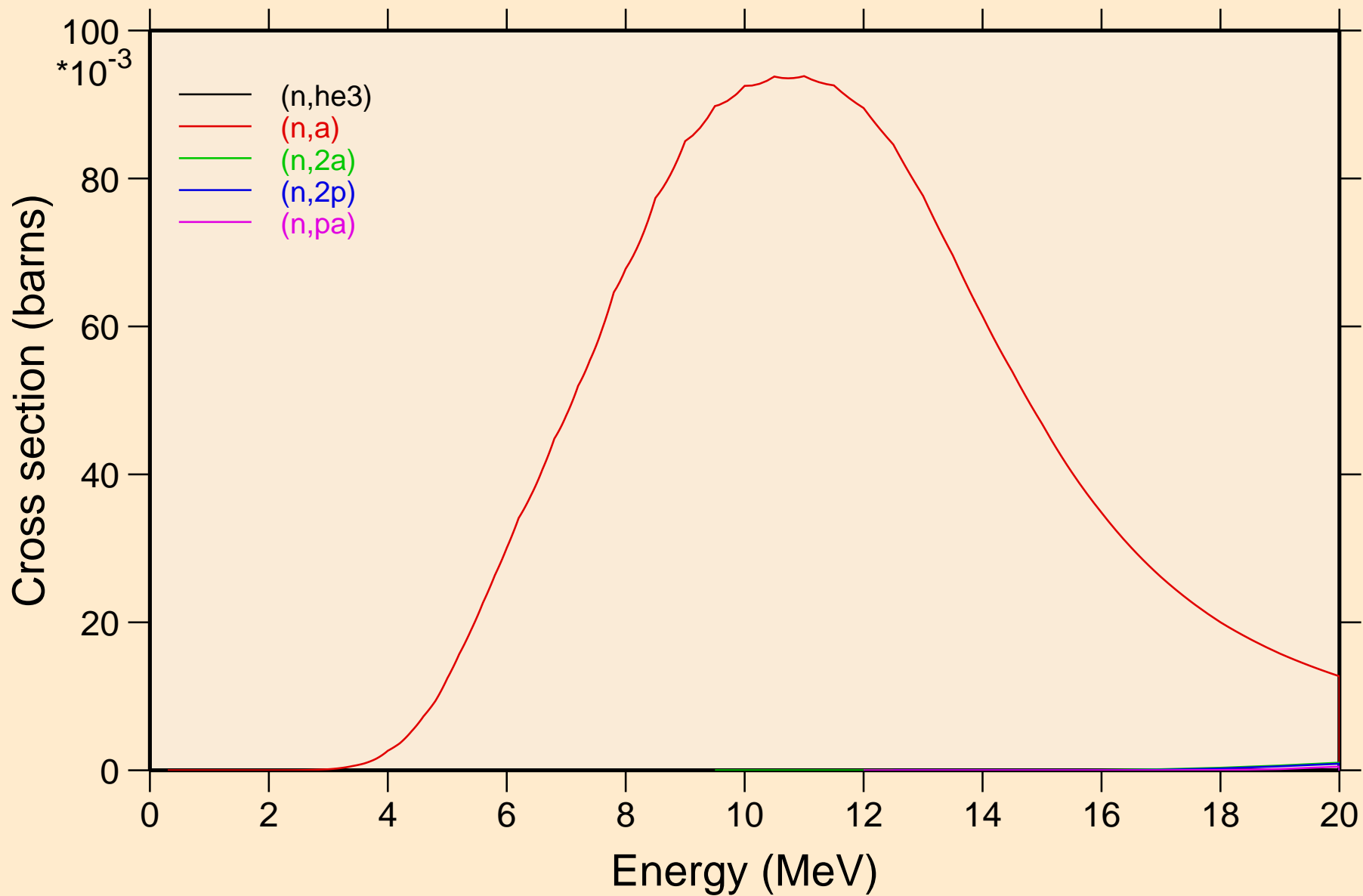
ENDF/B-VII.1 CA-42

Threshold reactions



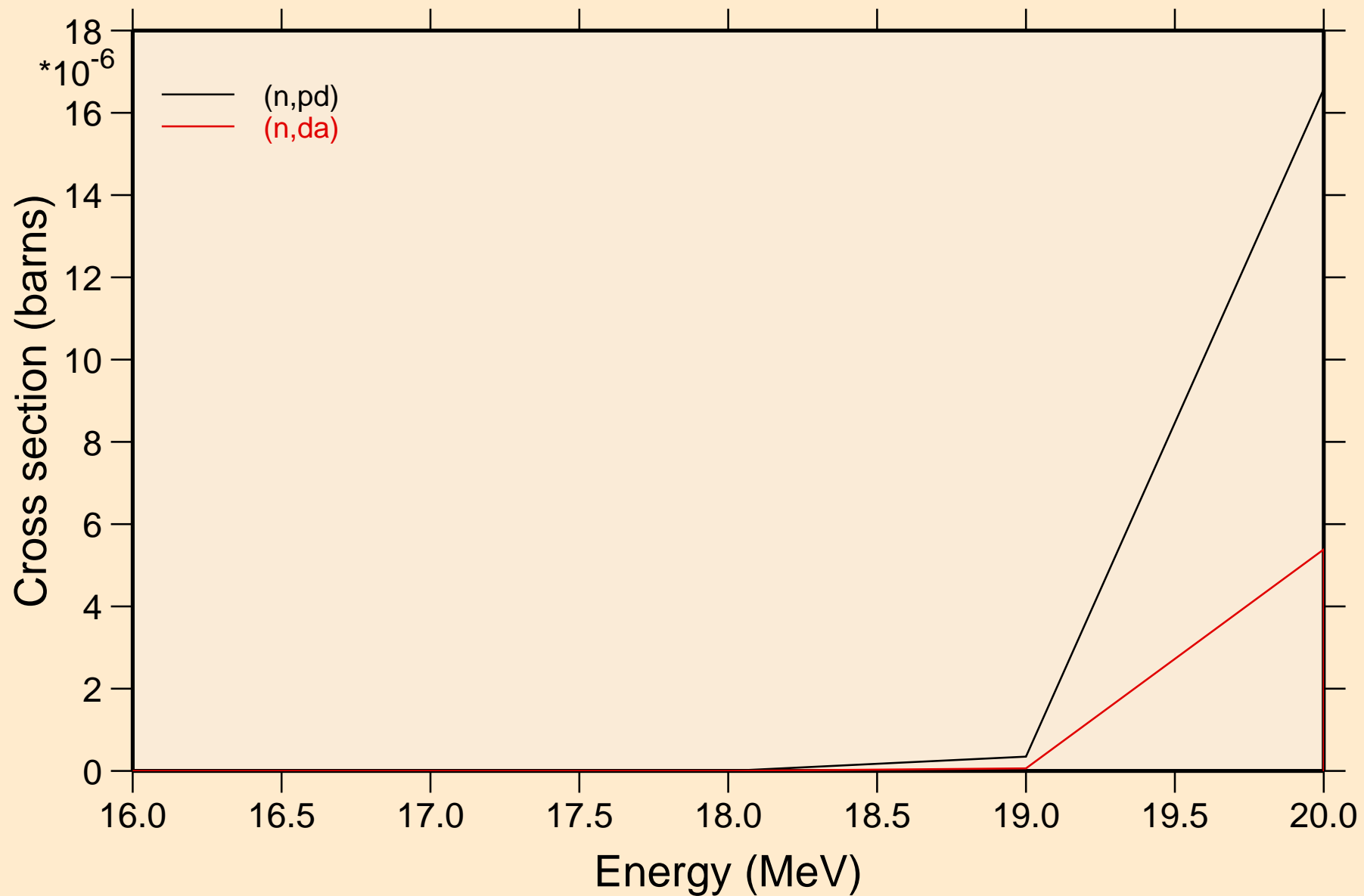
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Threshold reactions



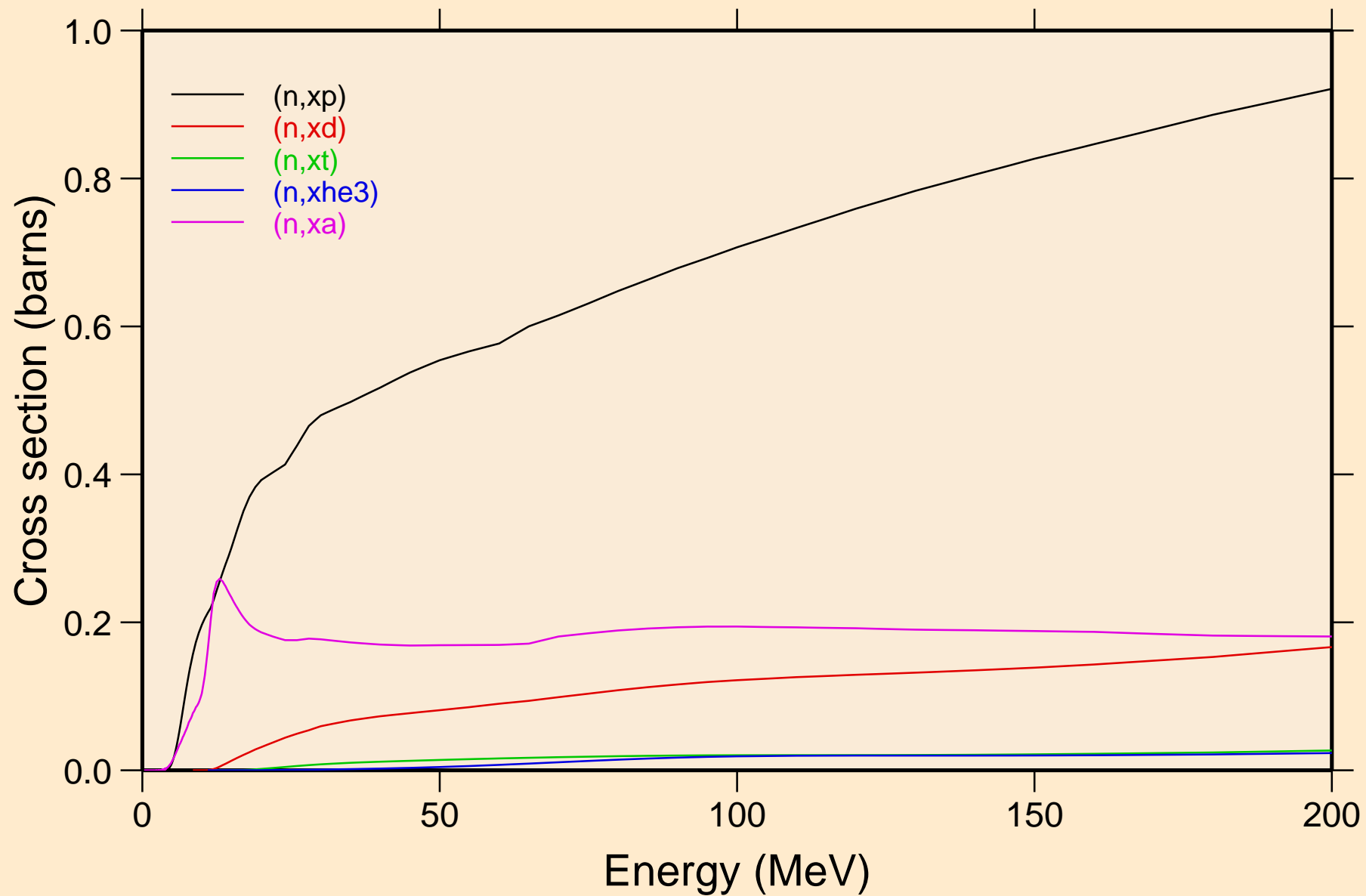
ENDF/B-VII.1 CA-42

Threshold reactions



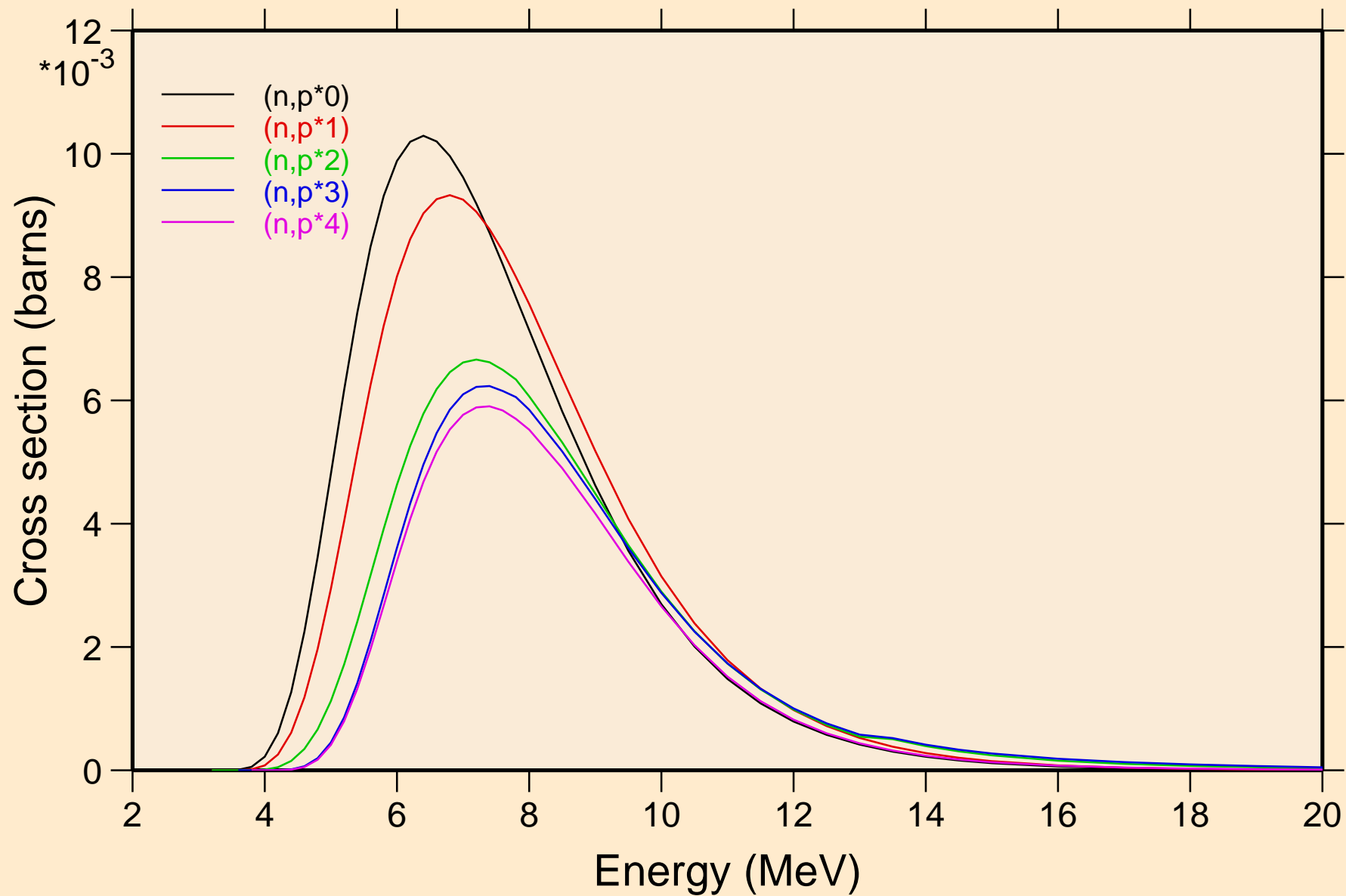
ENDF/B-VII.1 CA-42

Threshold reactions



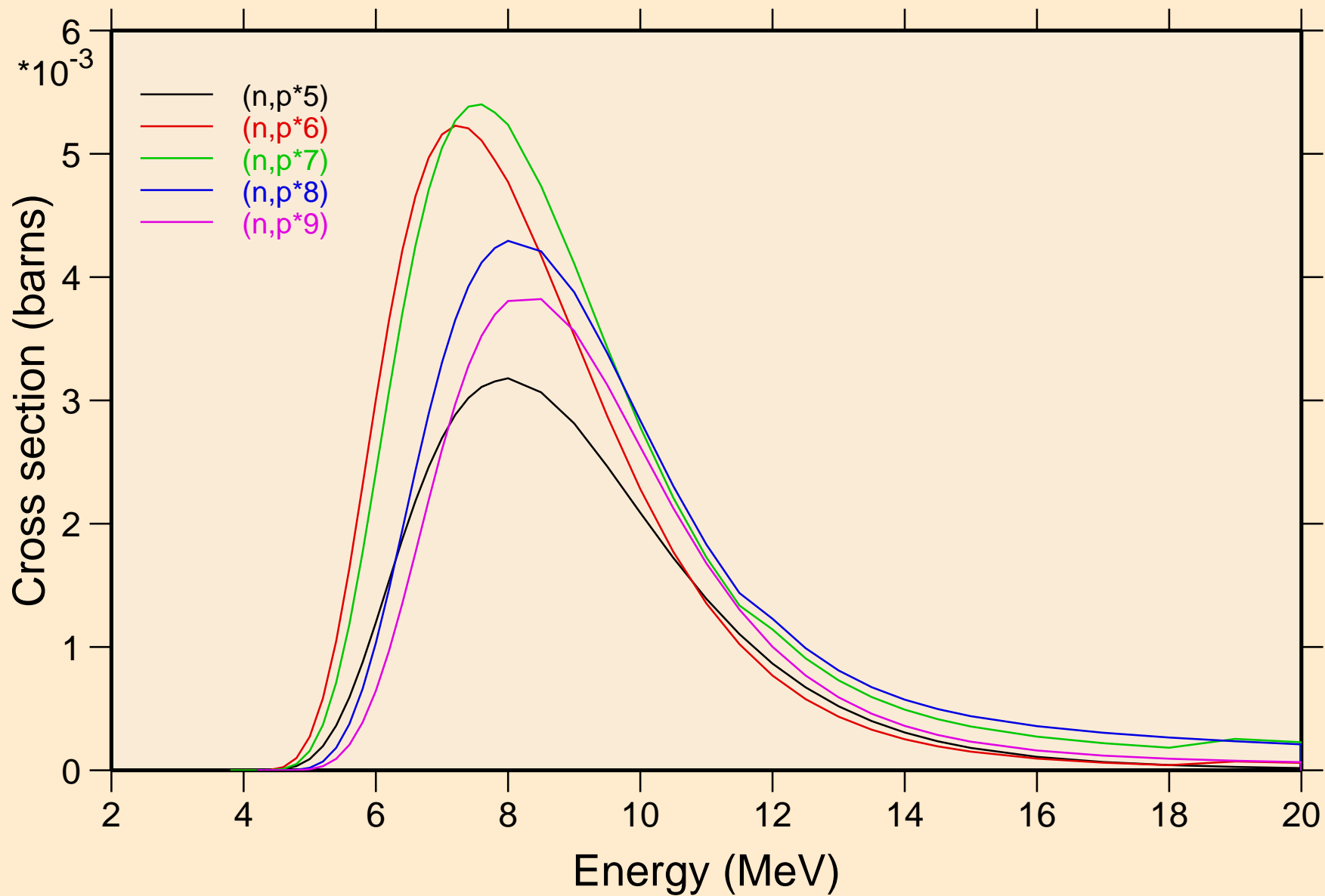
ENDF/B-VII.1 CA-42

Threshold reactions



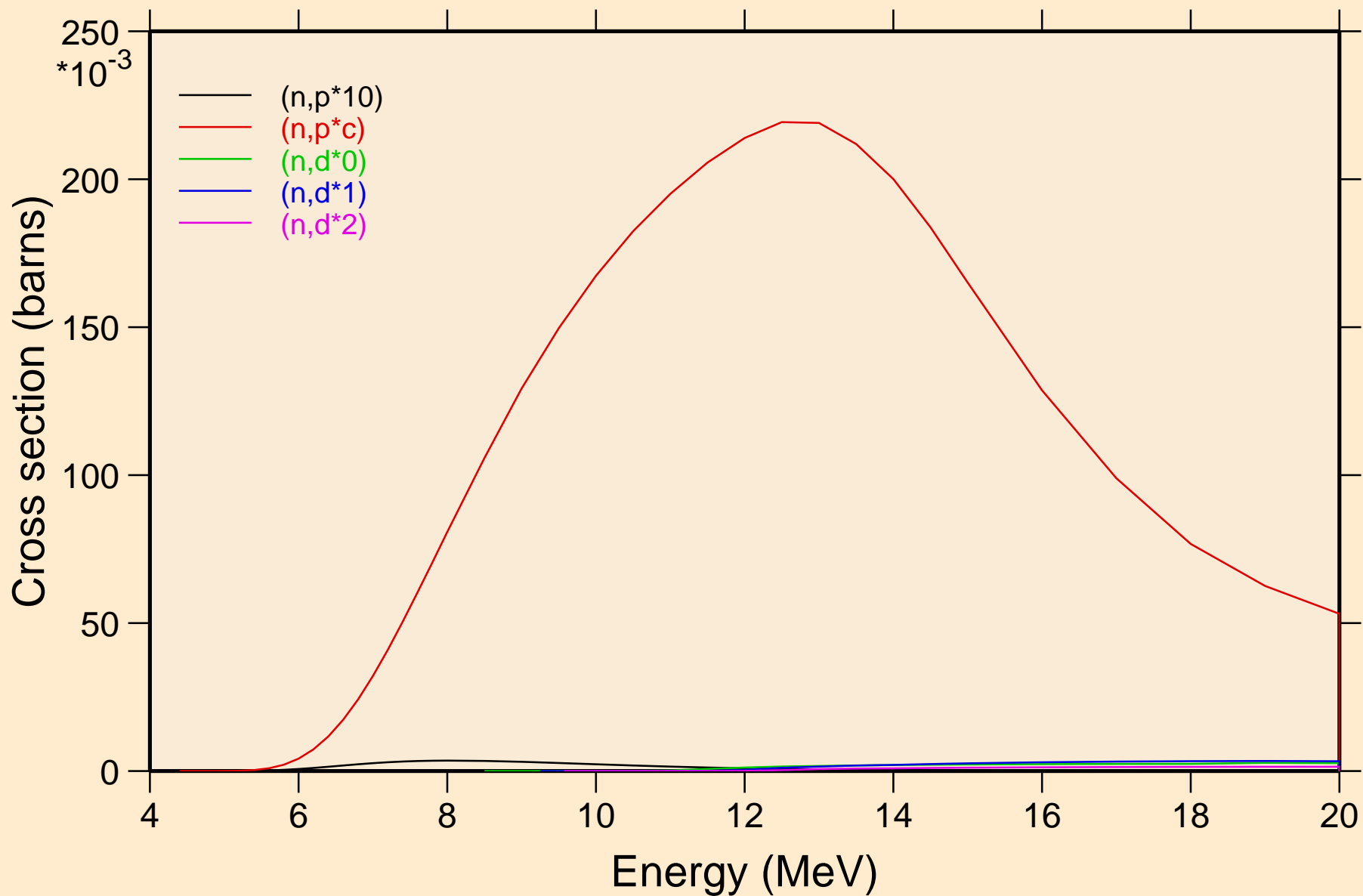
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Threshold reactions



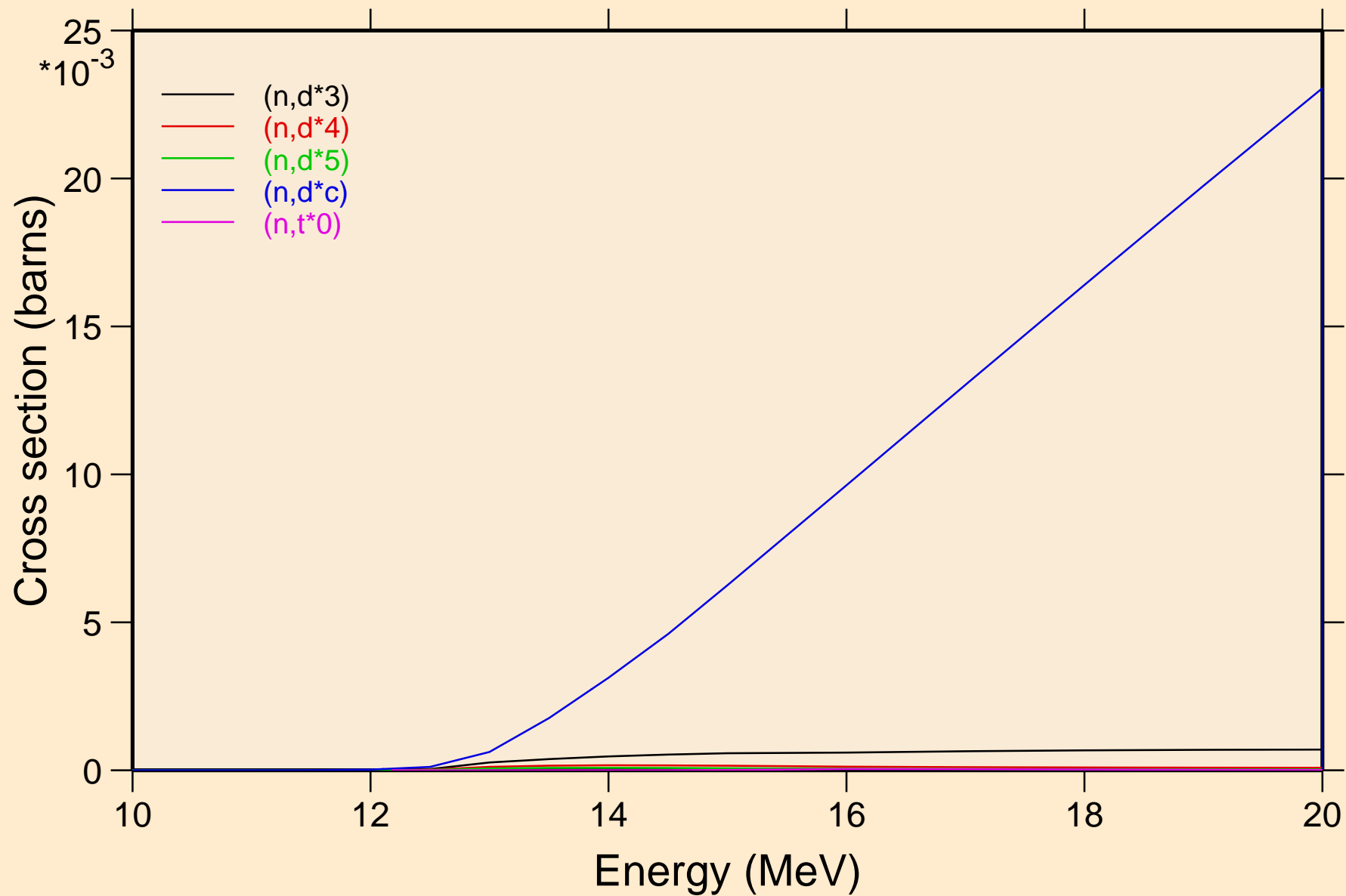
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Threshold reactions



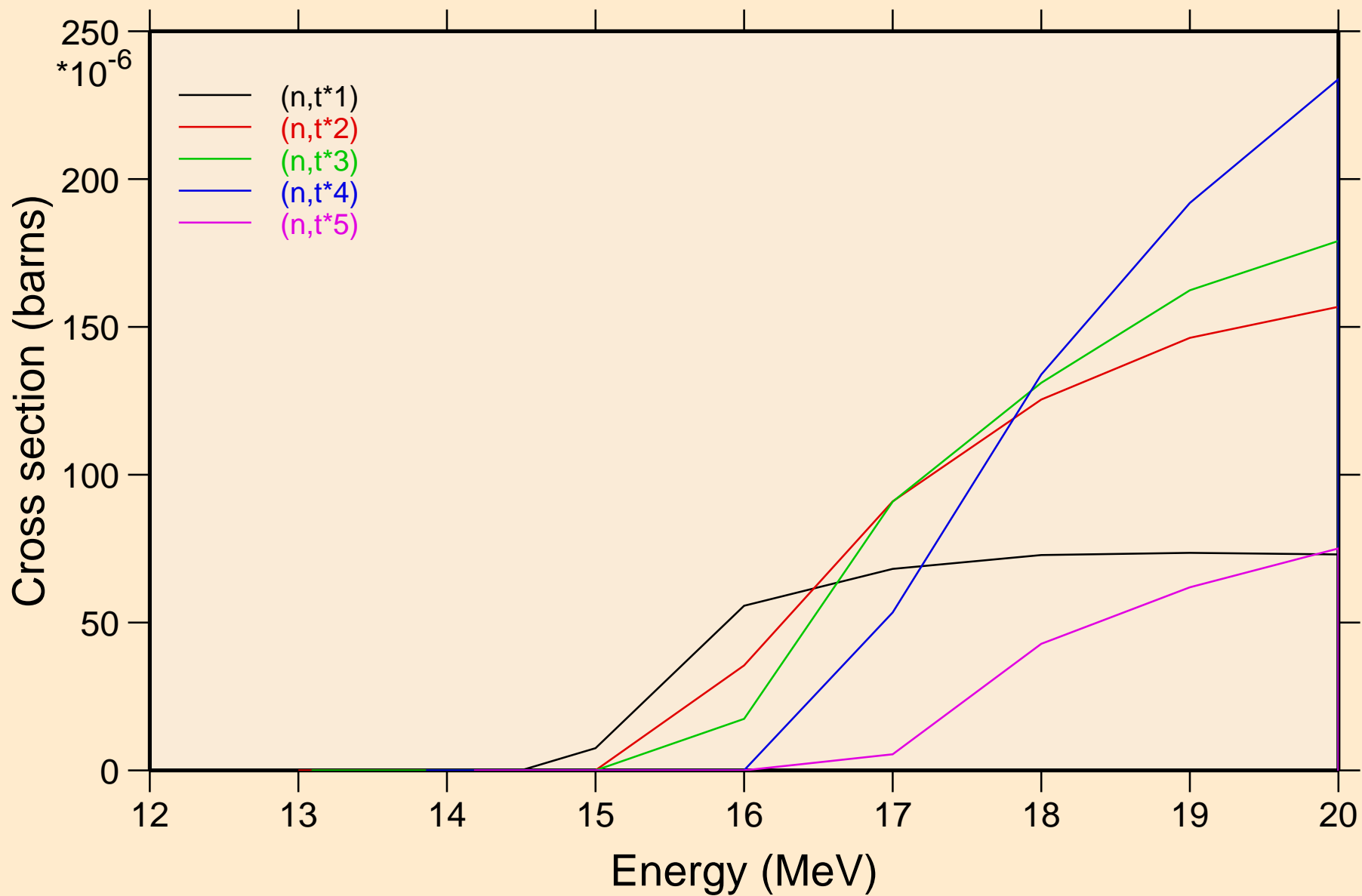
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Threshold reactions



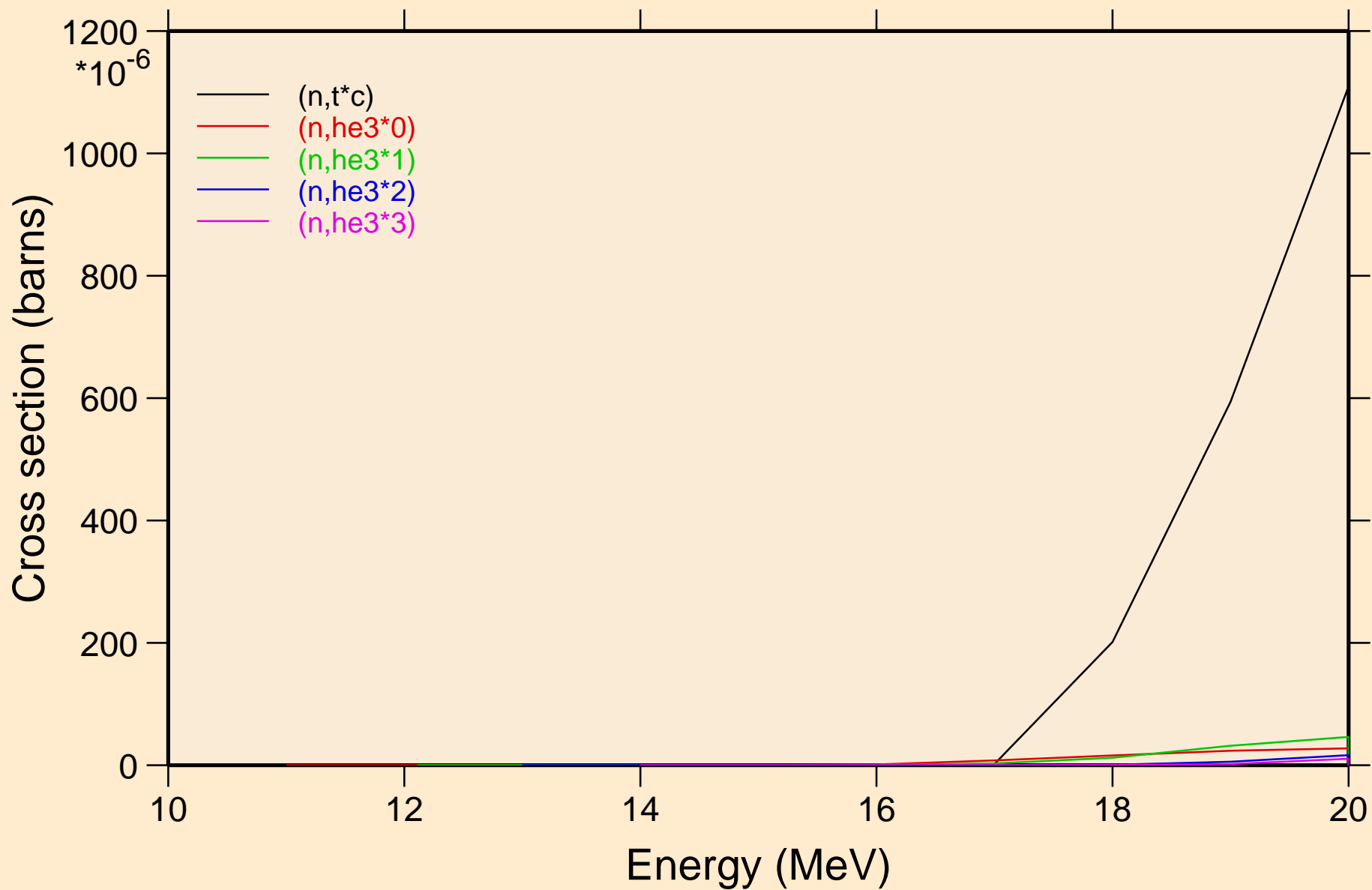
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Threshold reactions



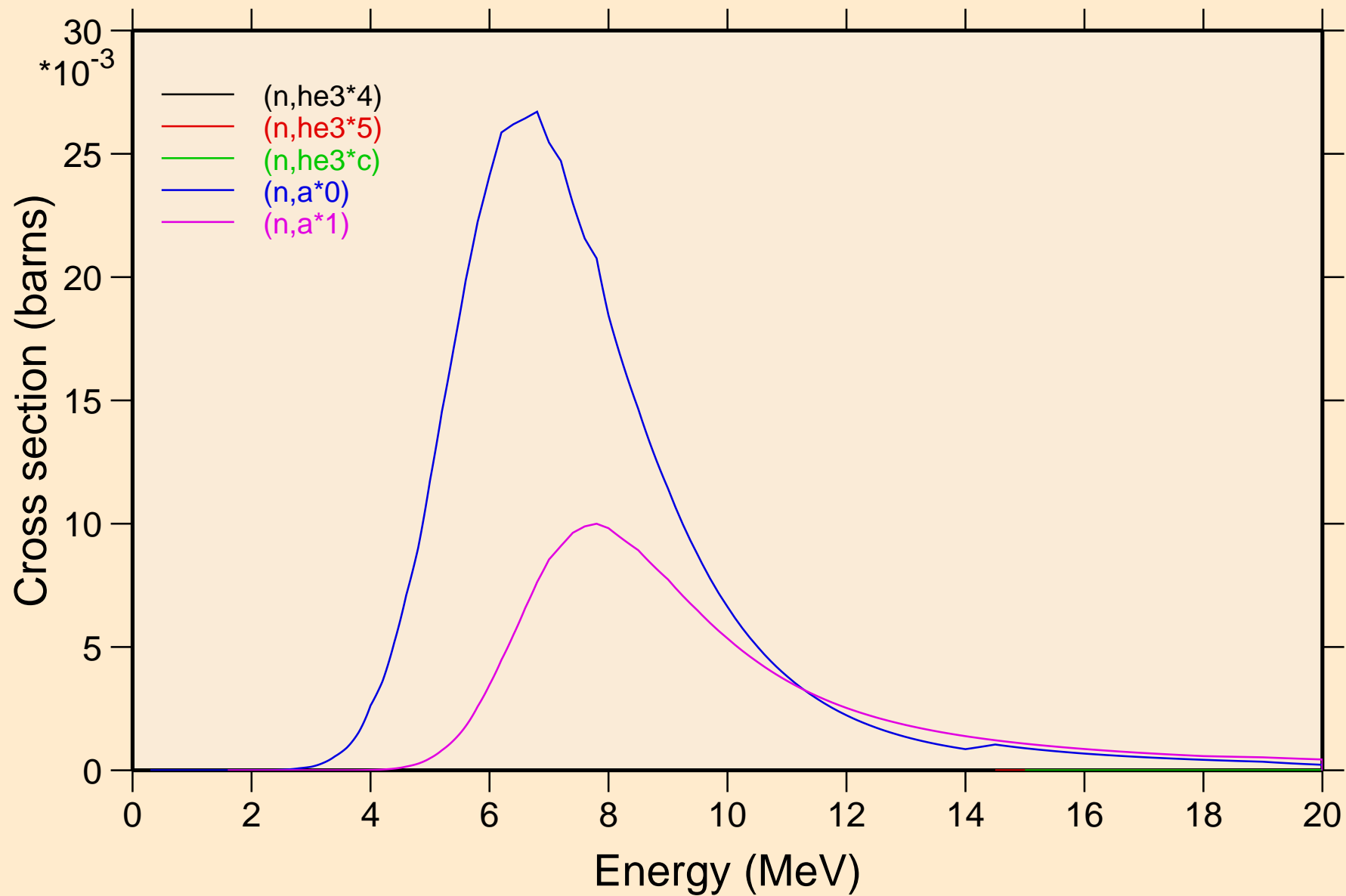
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Threshold reactions



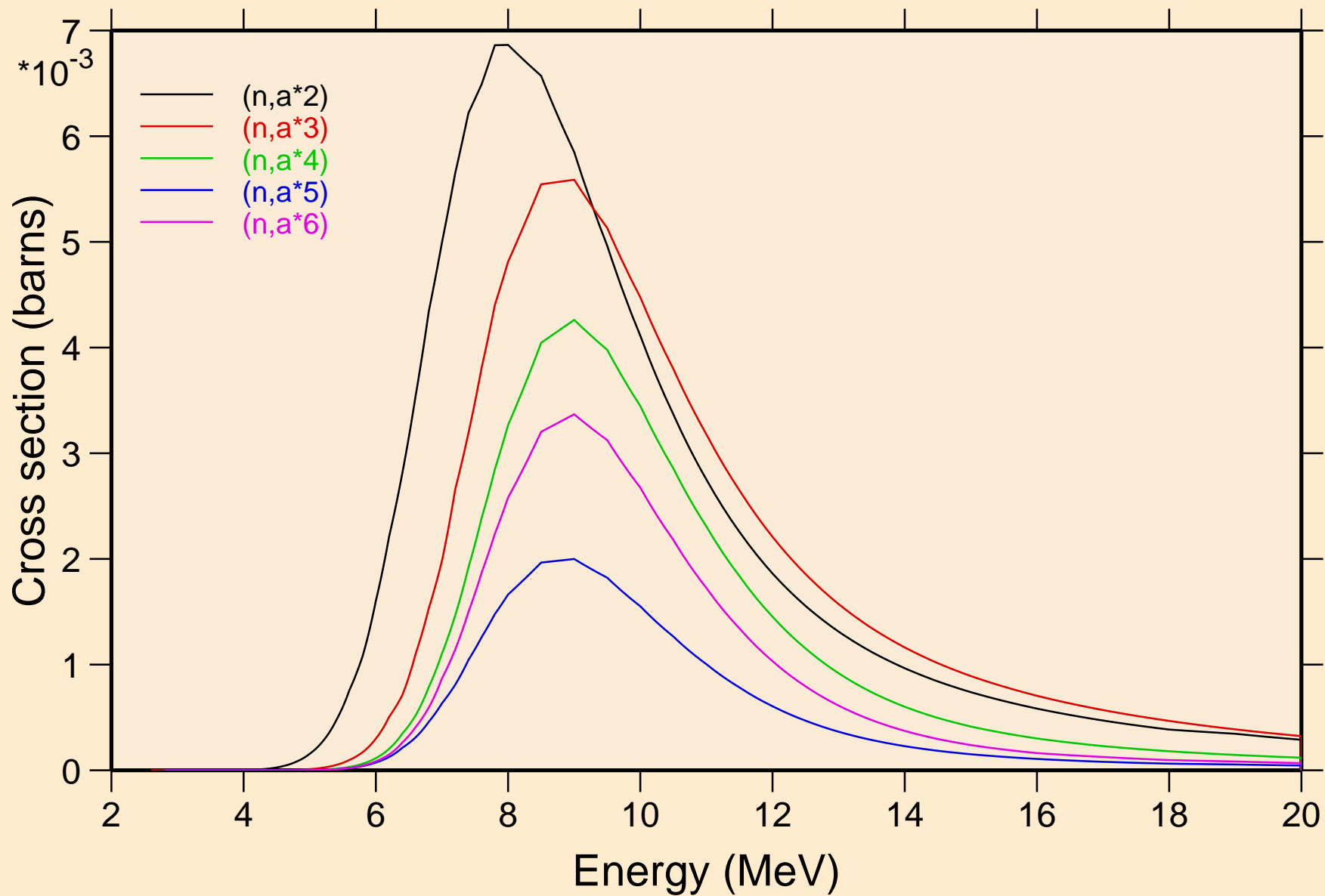
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Threshold reactions



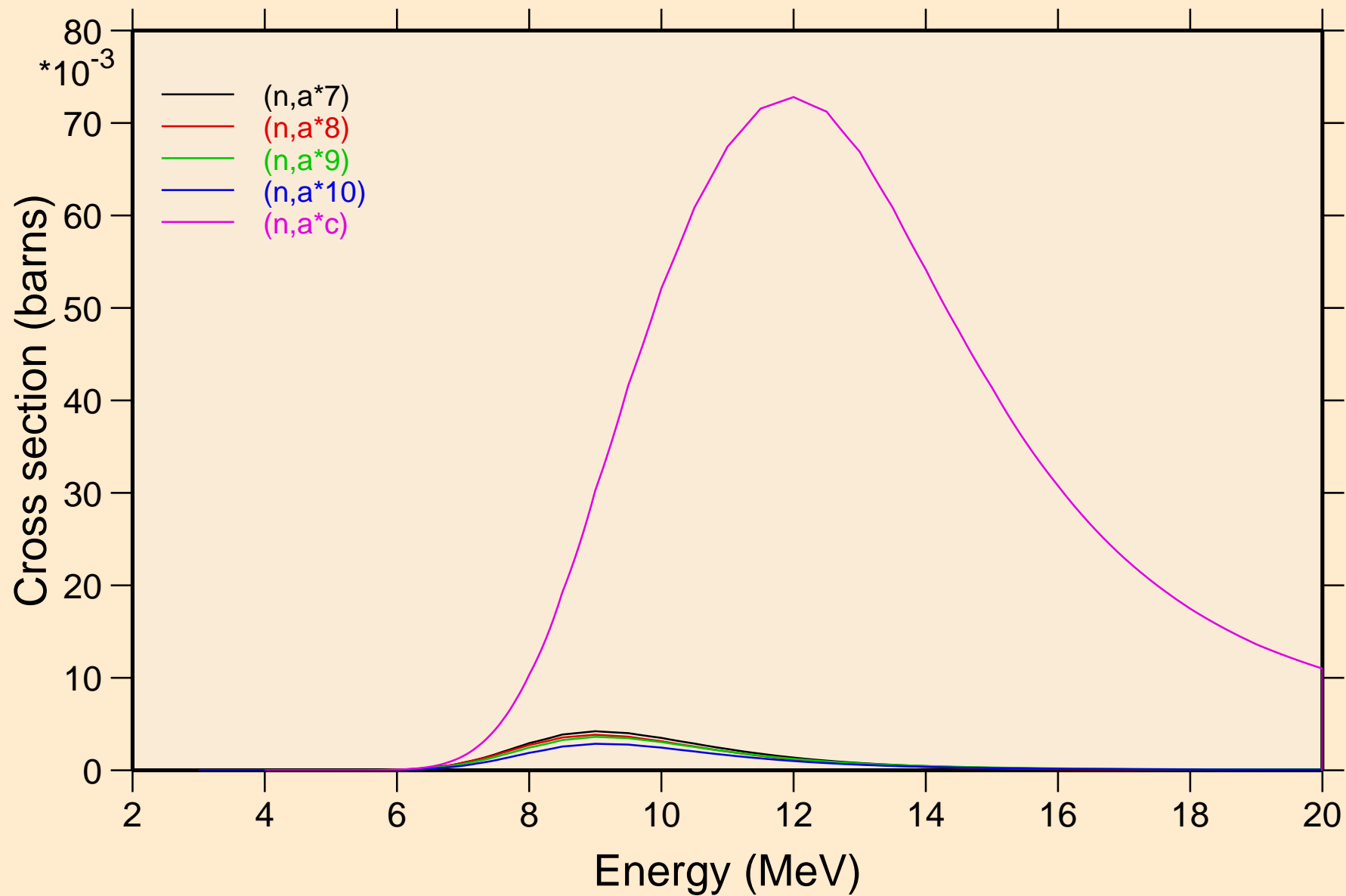
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Threshold reactions

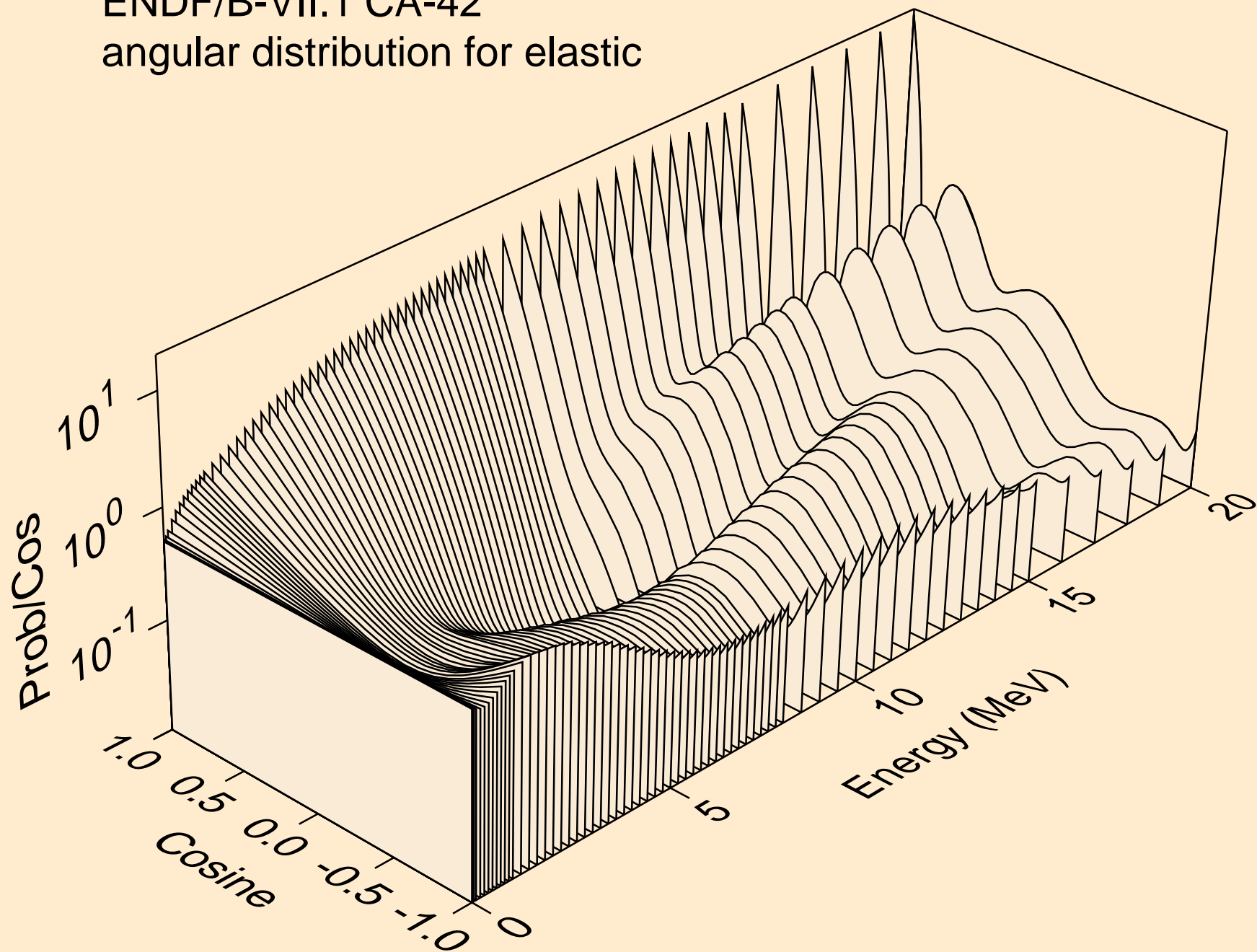


ENDF/B-VII.1 CA-42

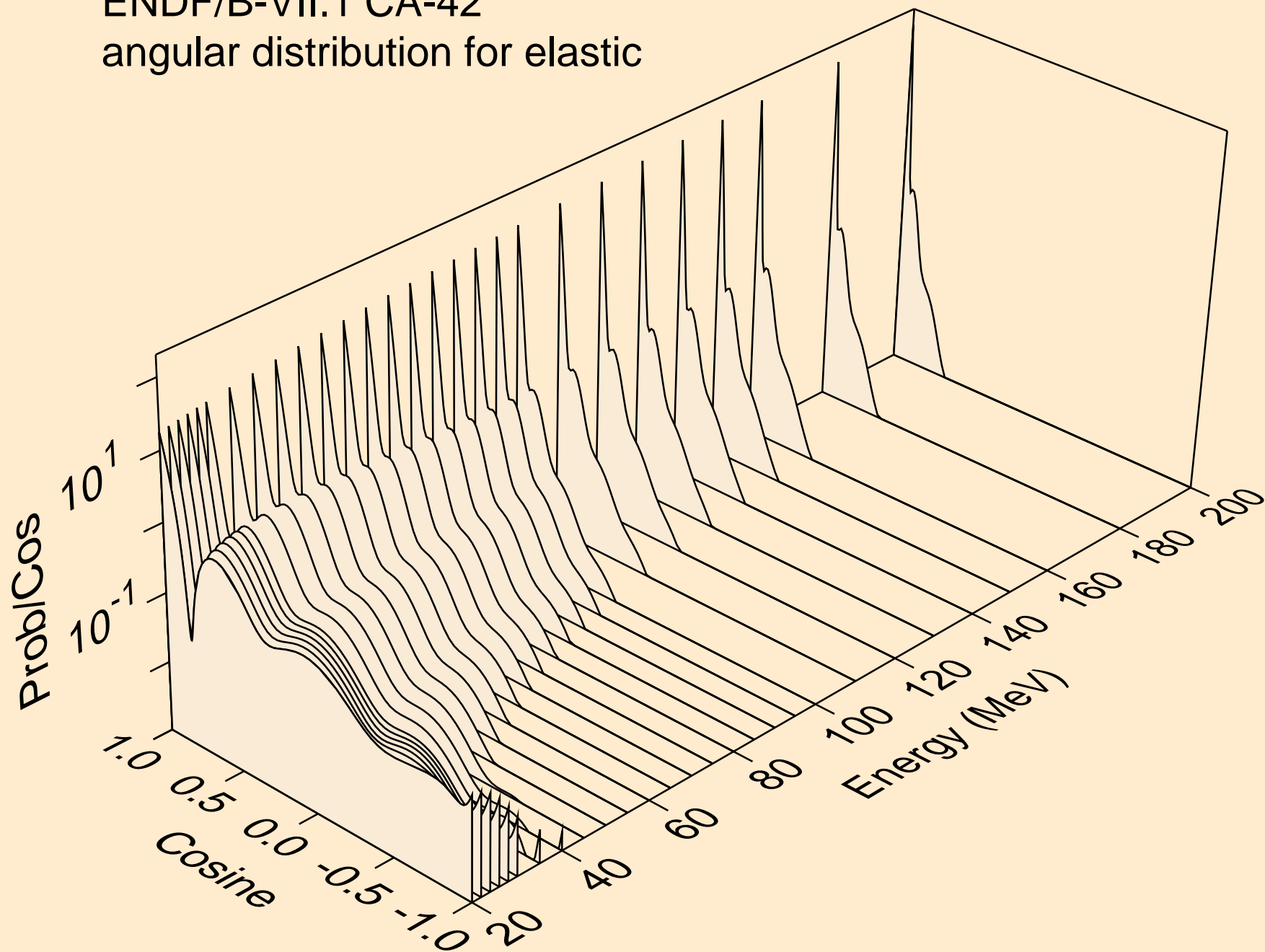
Threshold reactions



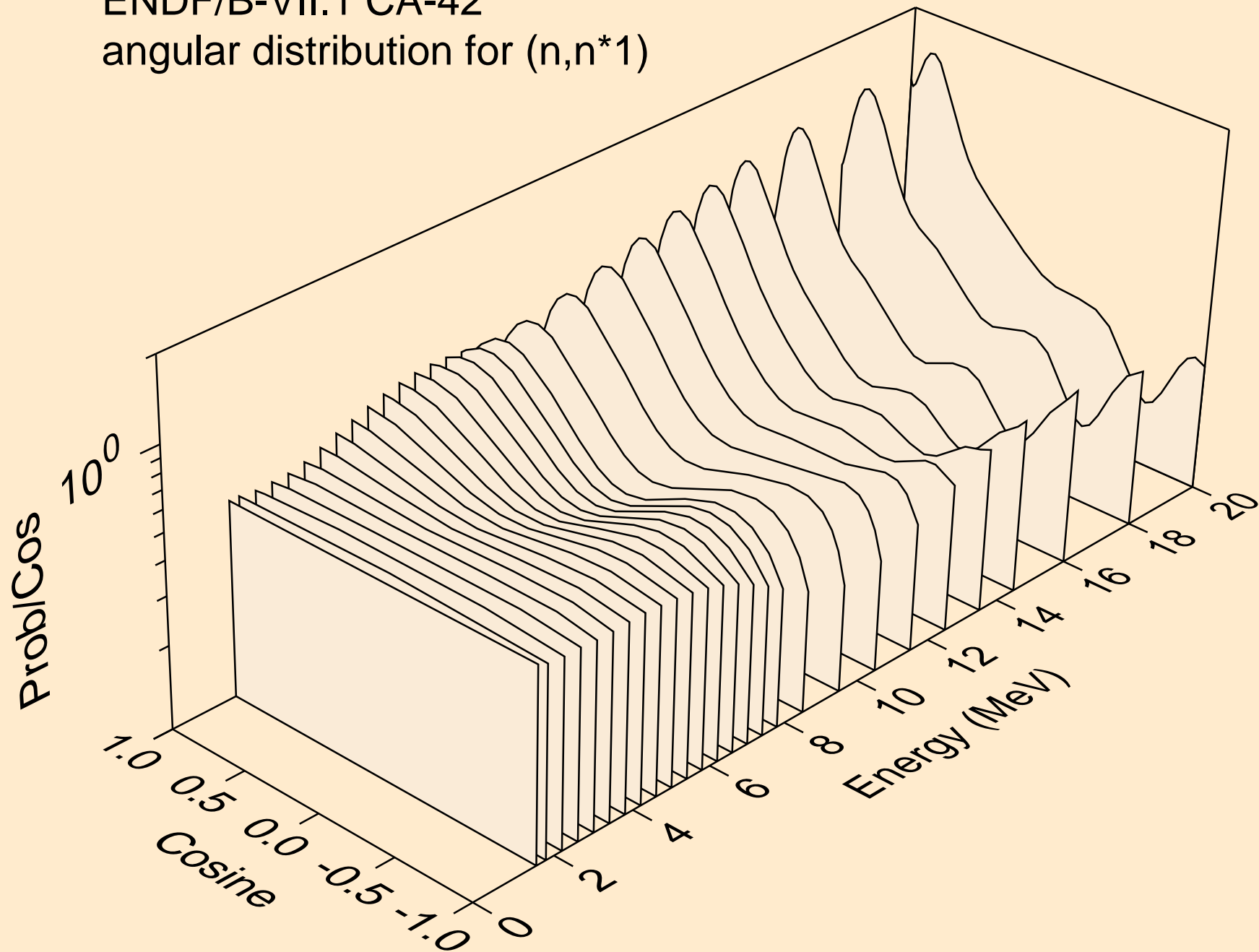
ENDF/B-VII.1 CA-42
angular distribution for elastic



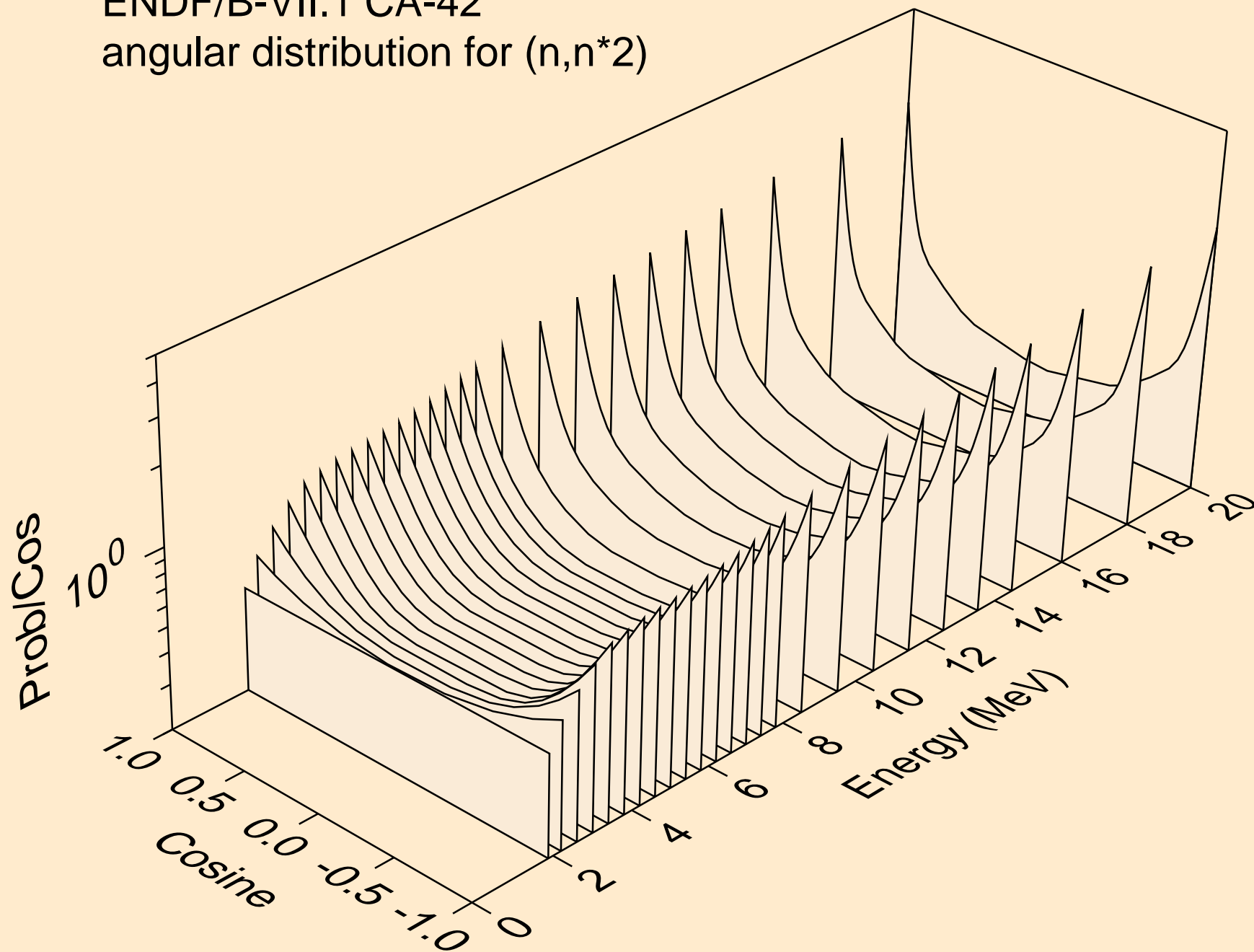
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angular distribution for elastic



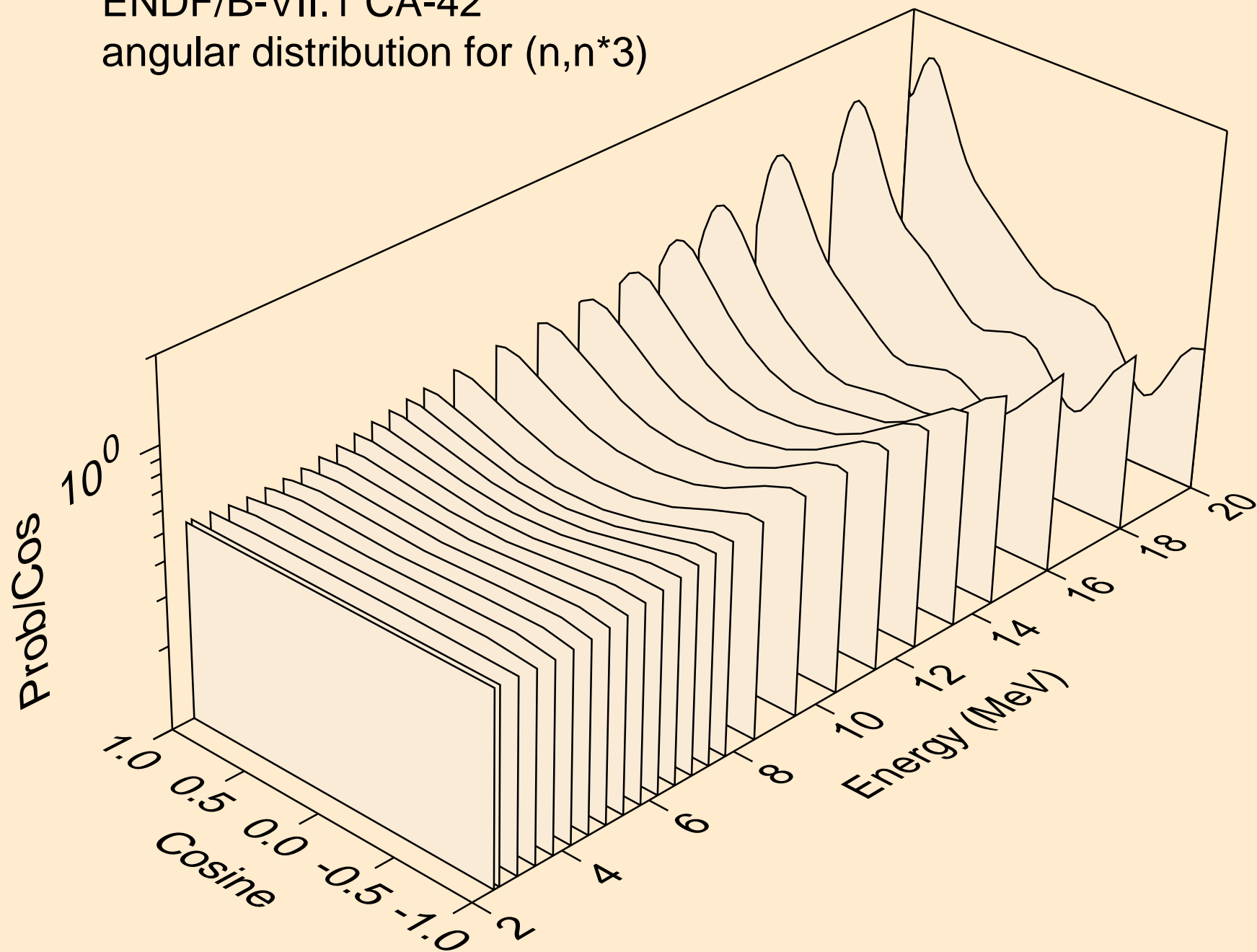
ENDF/B-VII.1 CA-42
angular distribution for (n,n*1)



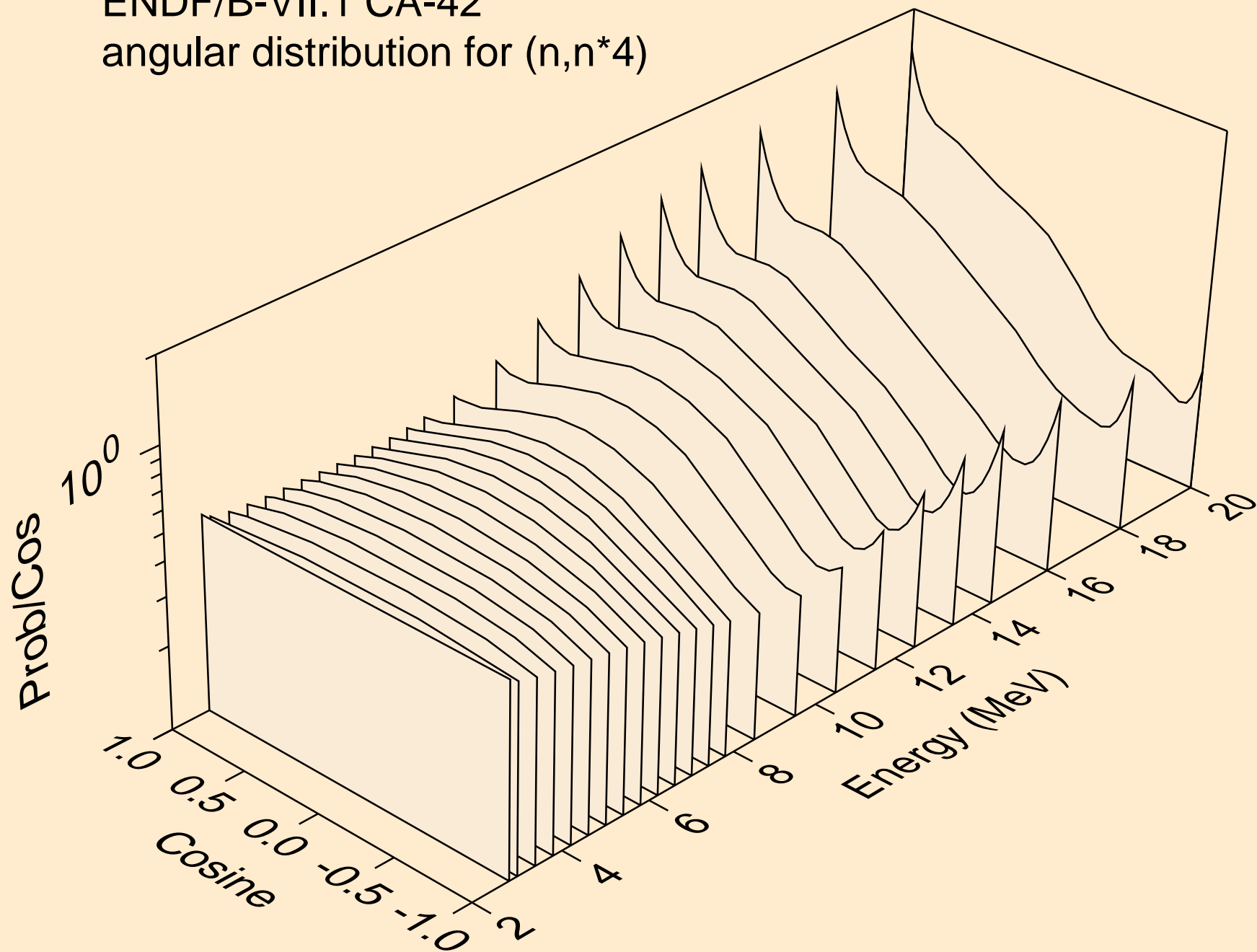
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angular distribution for (n,n*2)



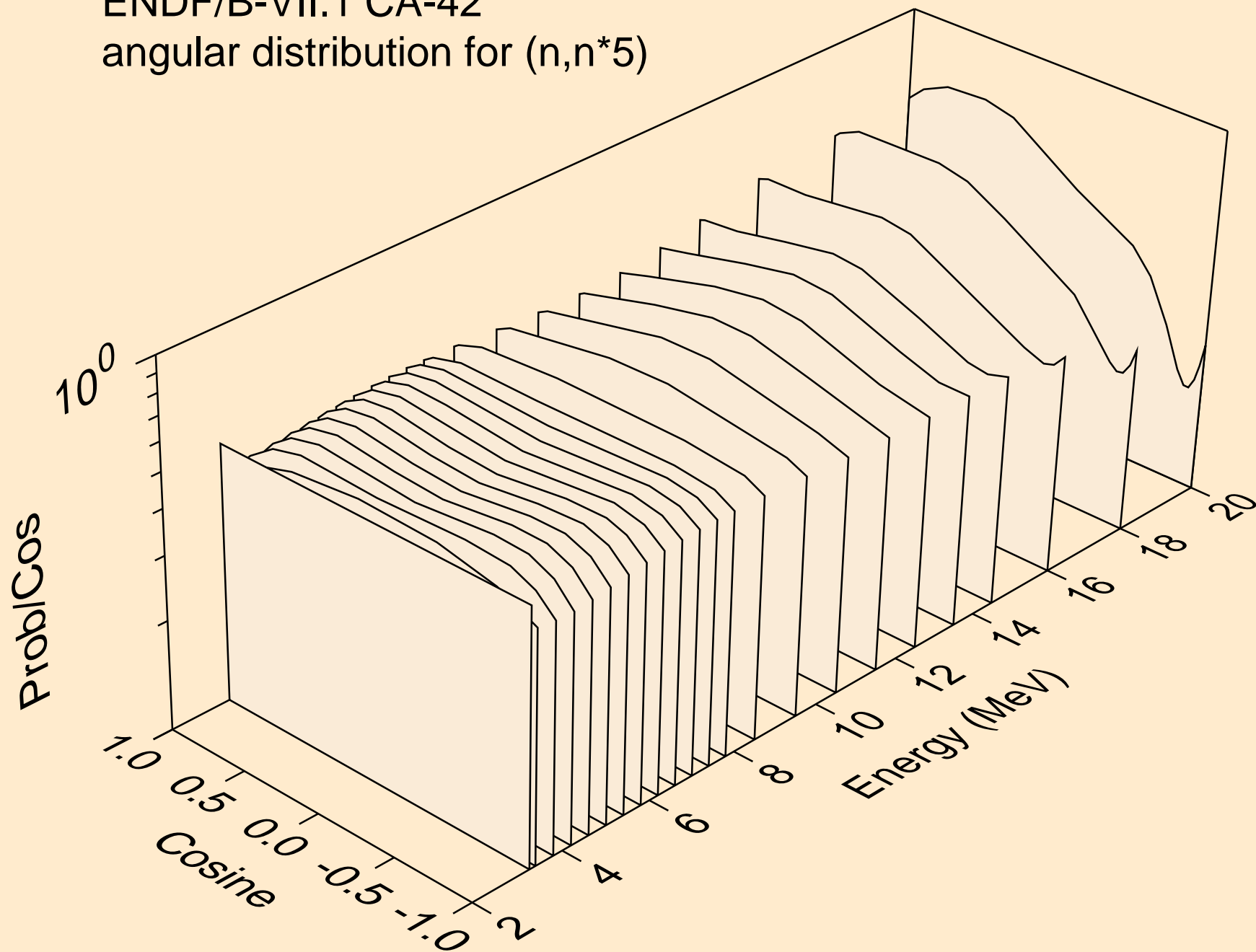
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angular distribution for (n,n*3)



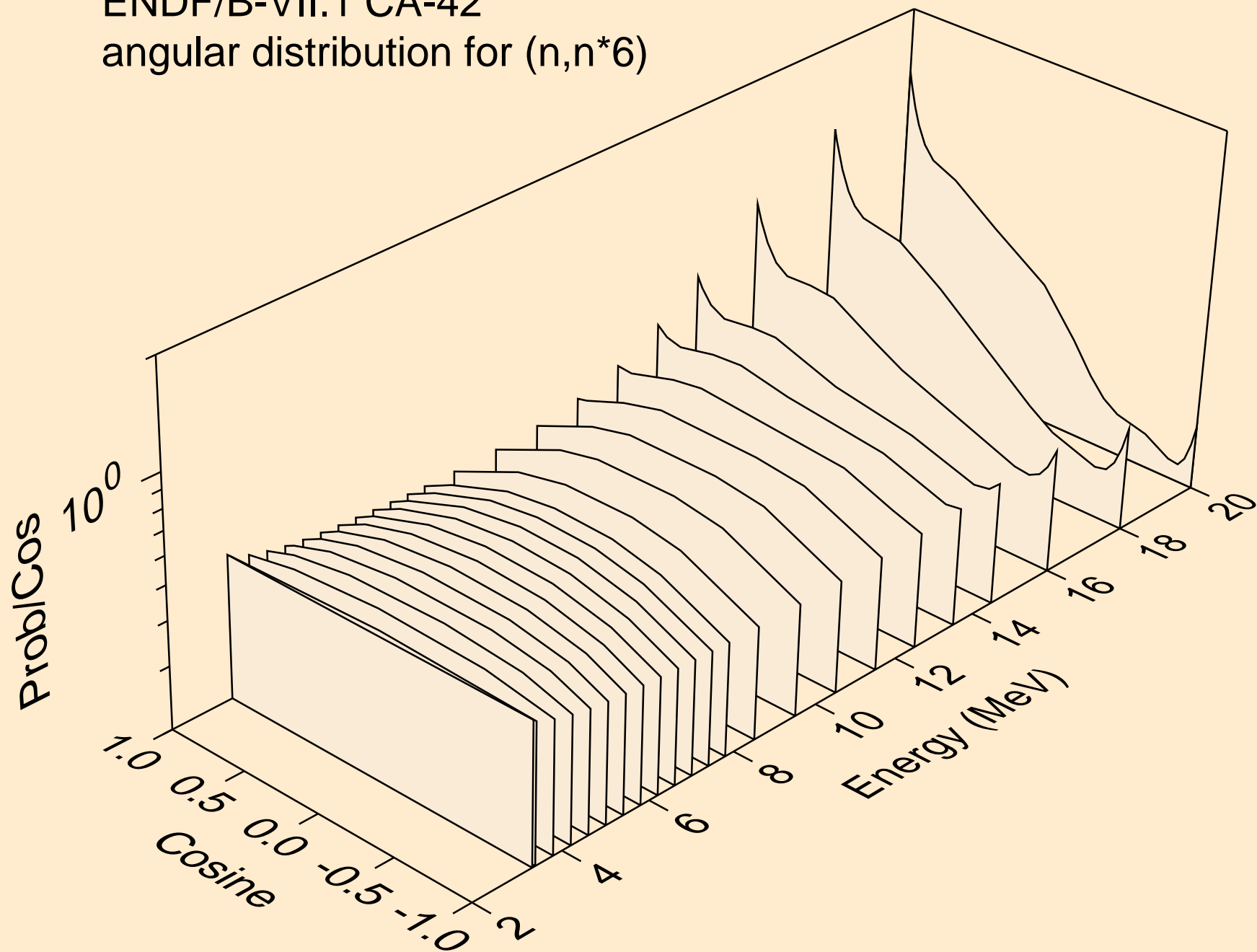
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angular distribution for (n,n*4)



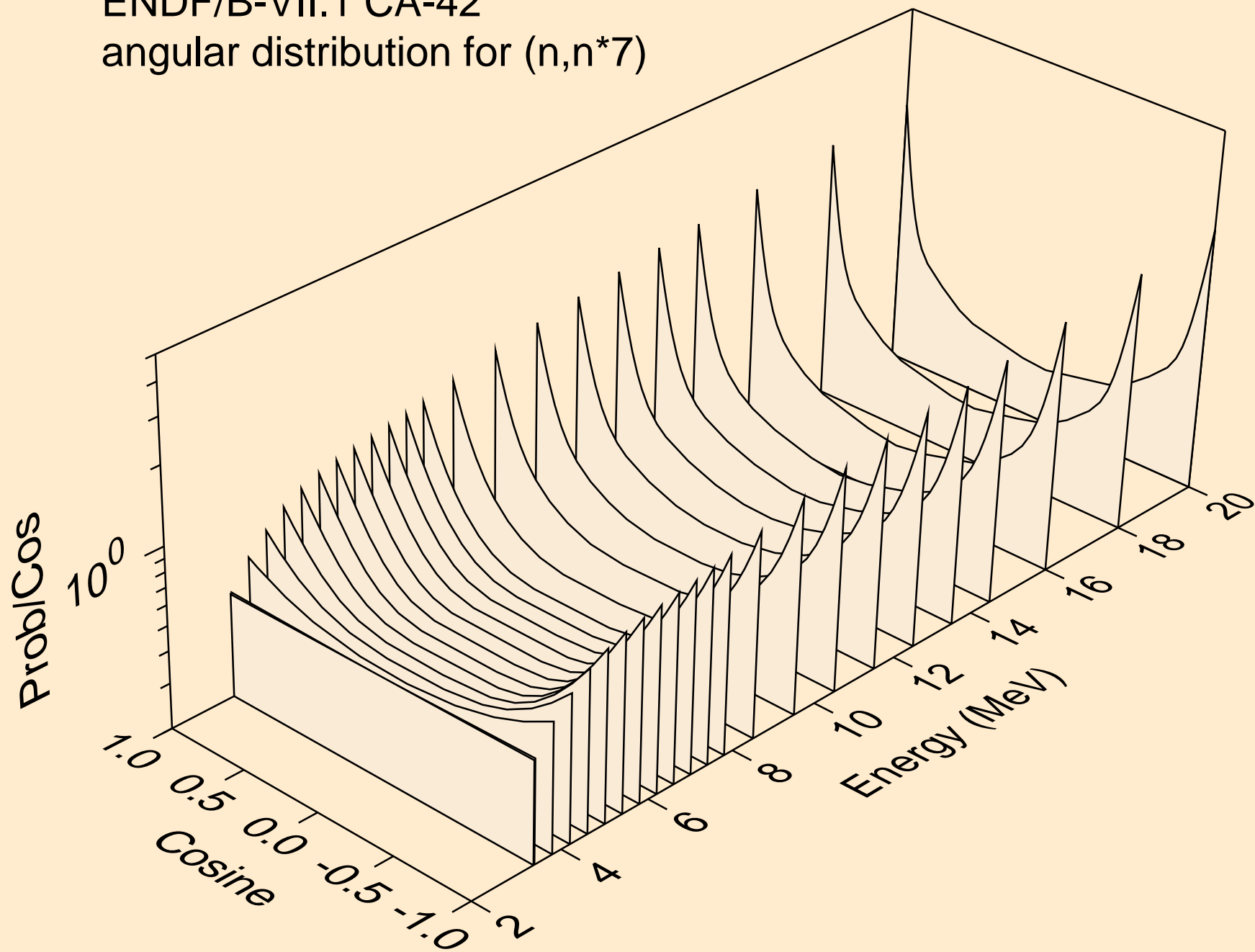
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angular distribution for (n,n*5)



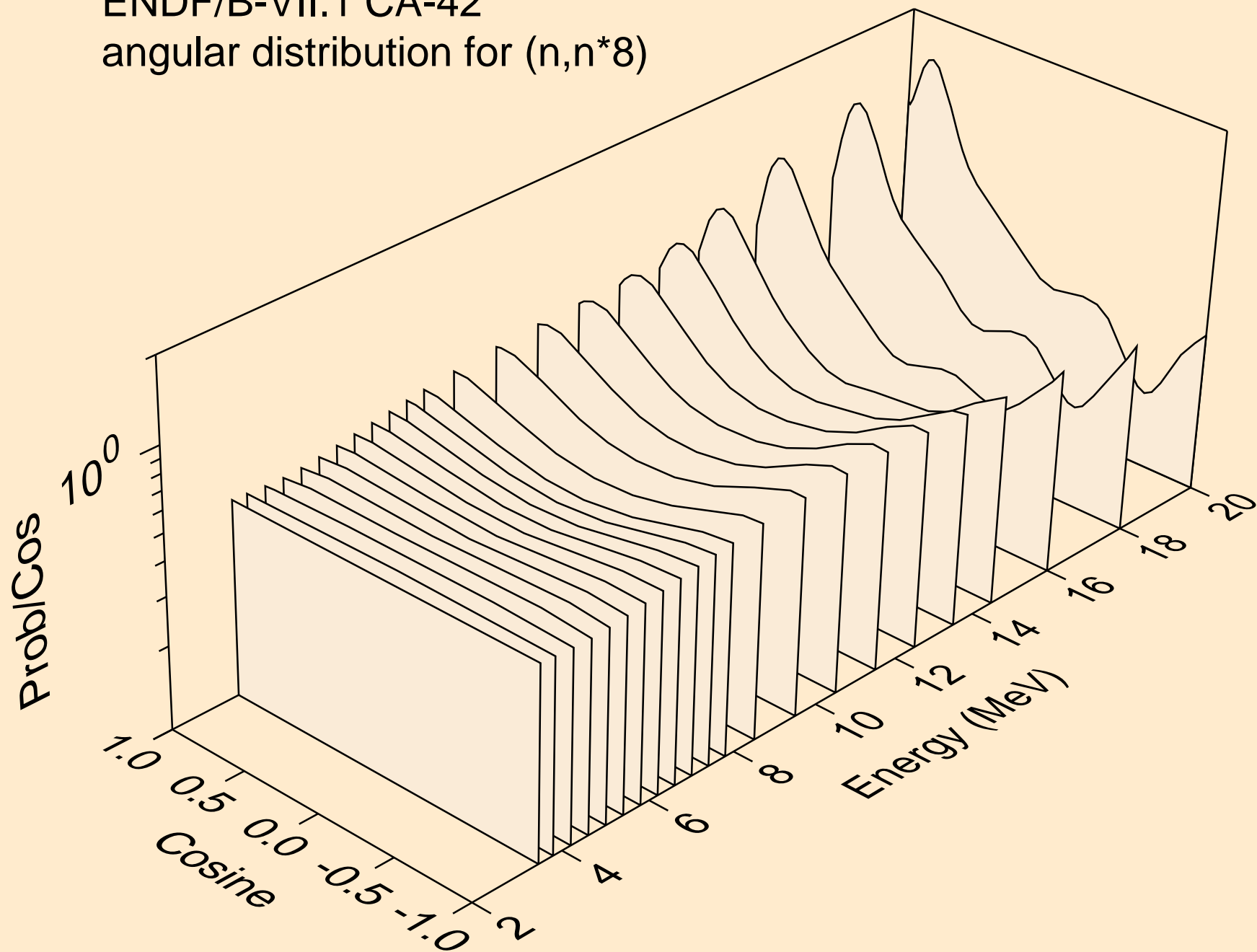
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angular distribution for (n,n*6)



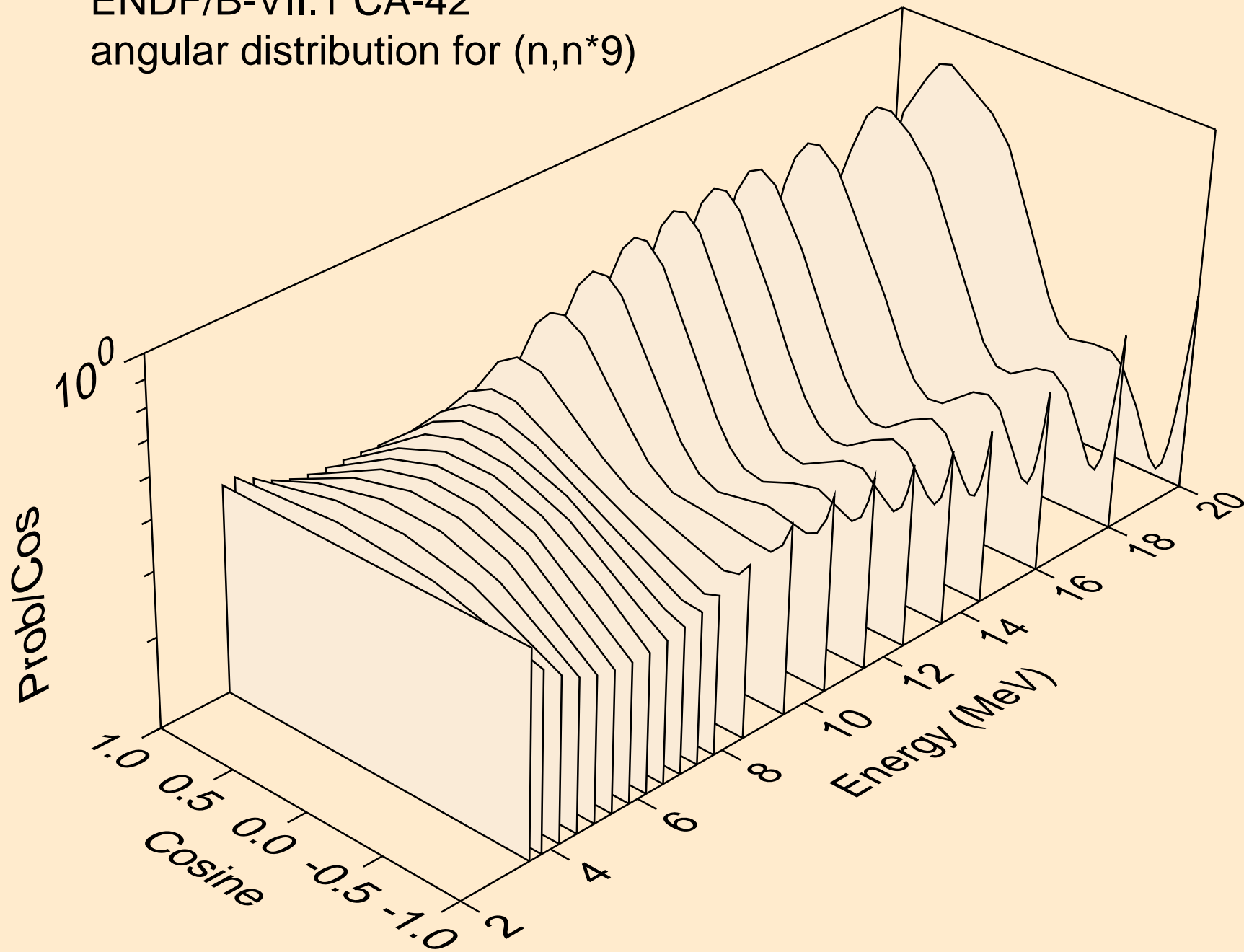
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angular distribution for (n,n*7)



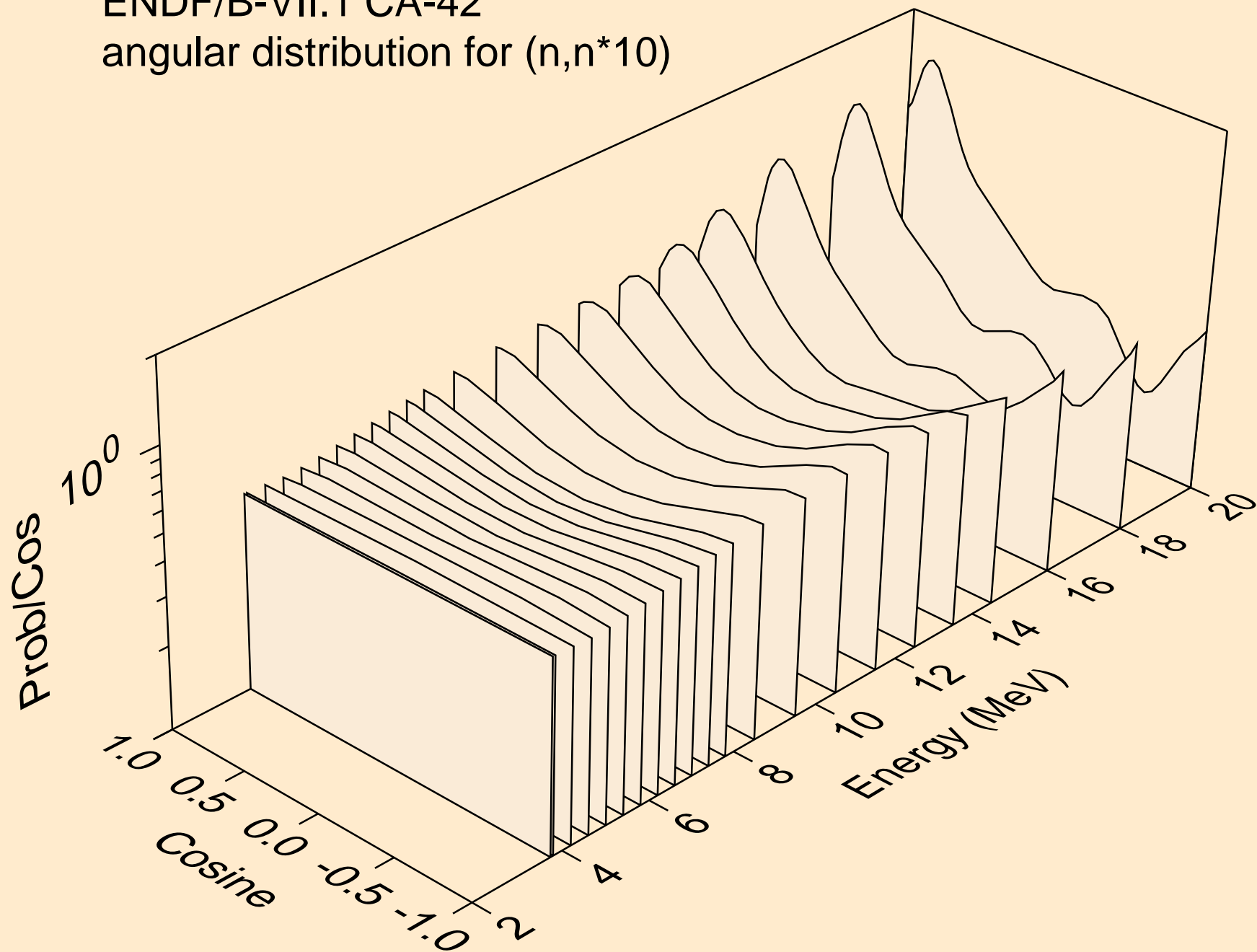
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angular distribution for (n,n*8)



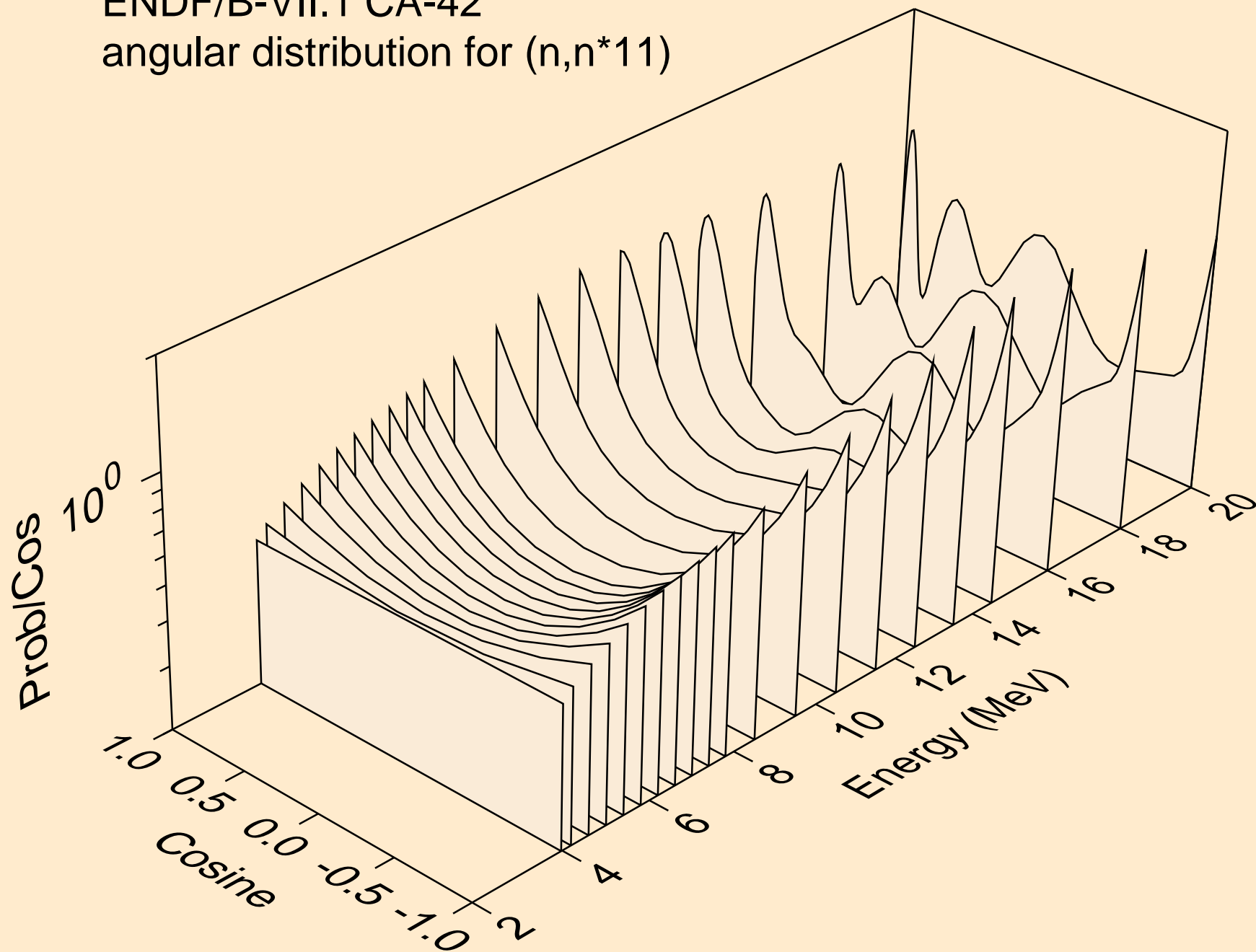
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angular distribution for (n,n*9)



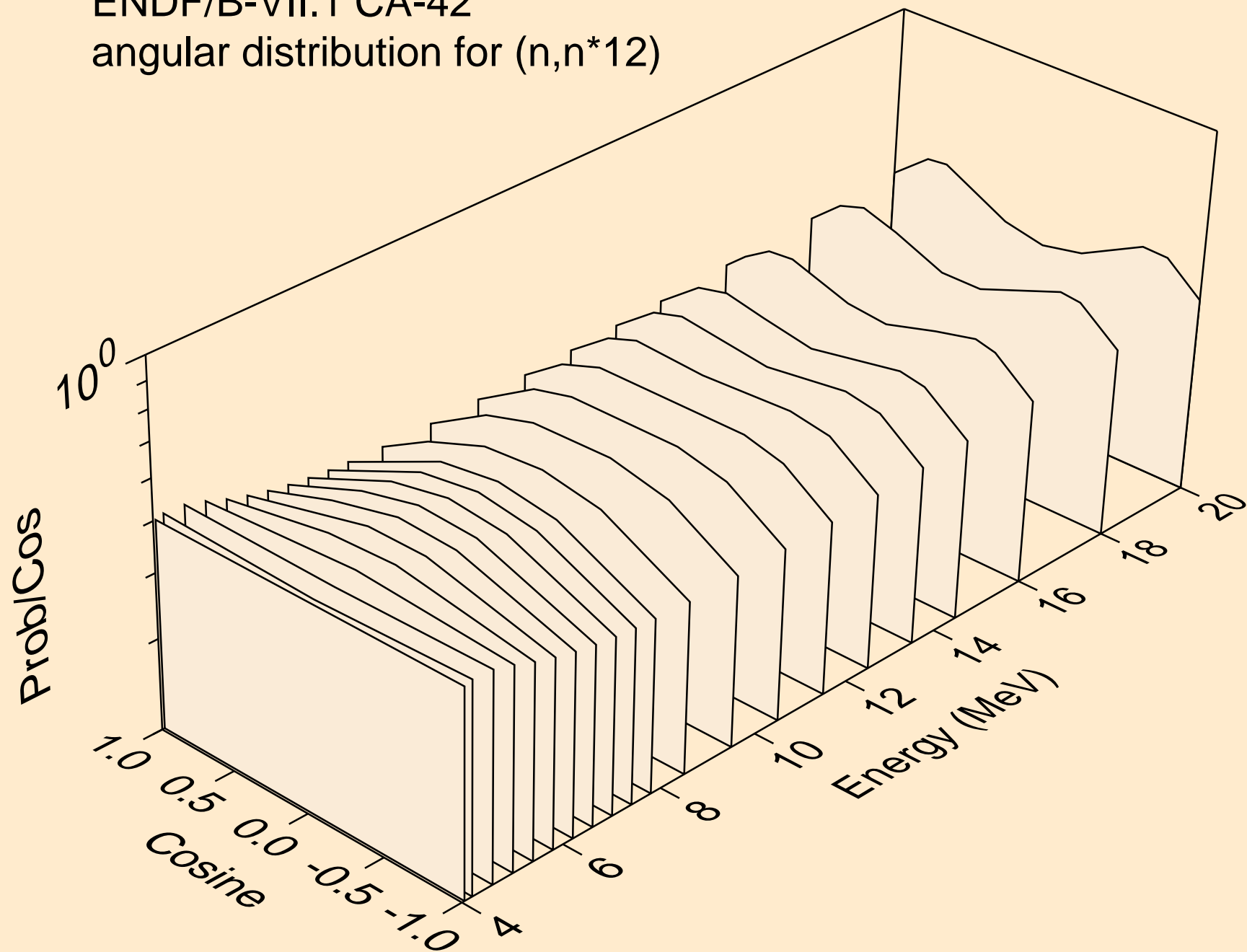
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angular distribution for (n,n*10)



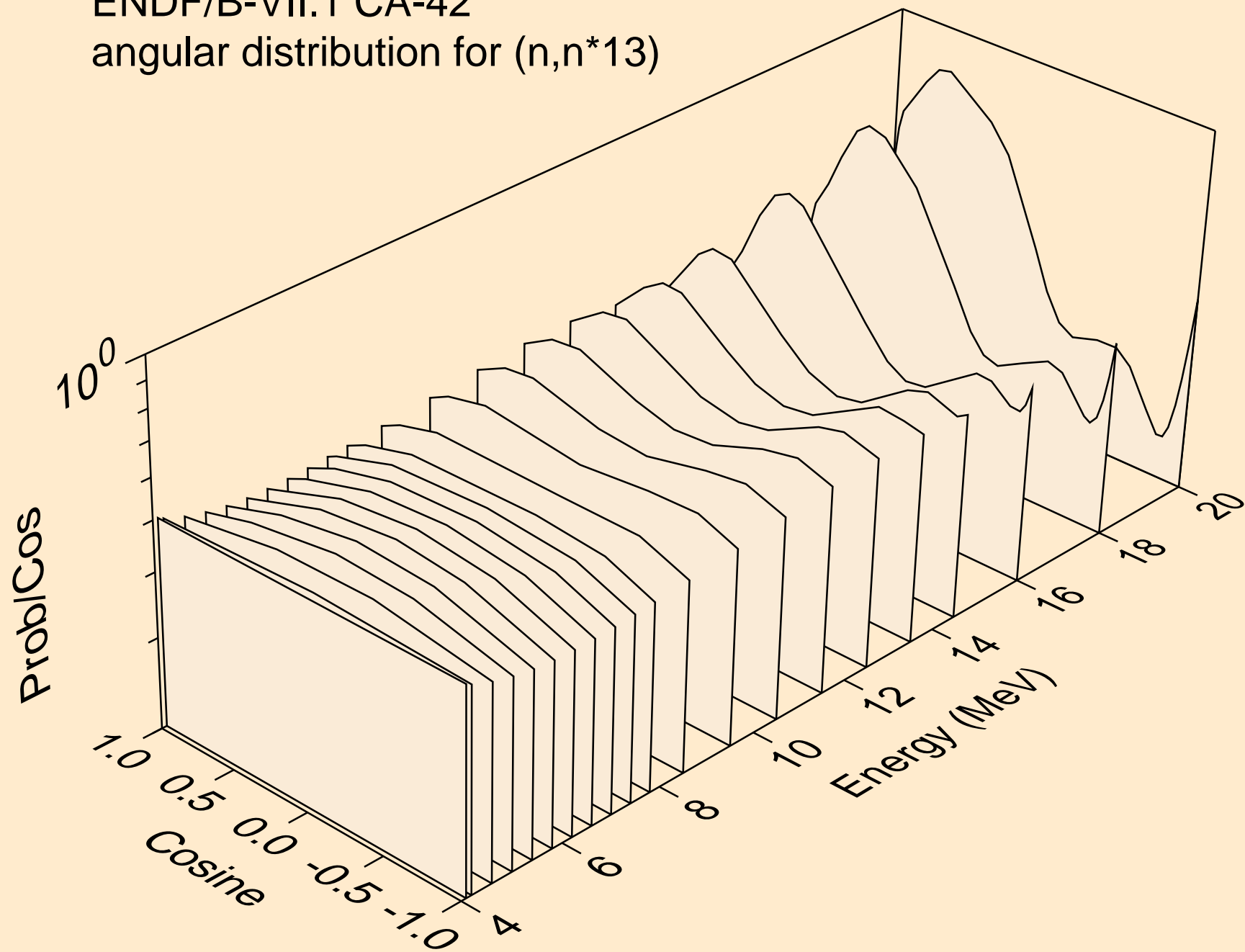
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angular distribution for (n,n*11)



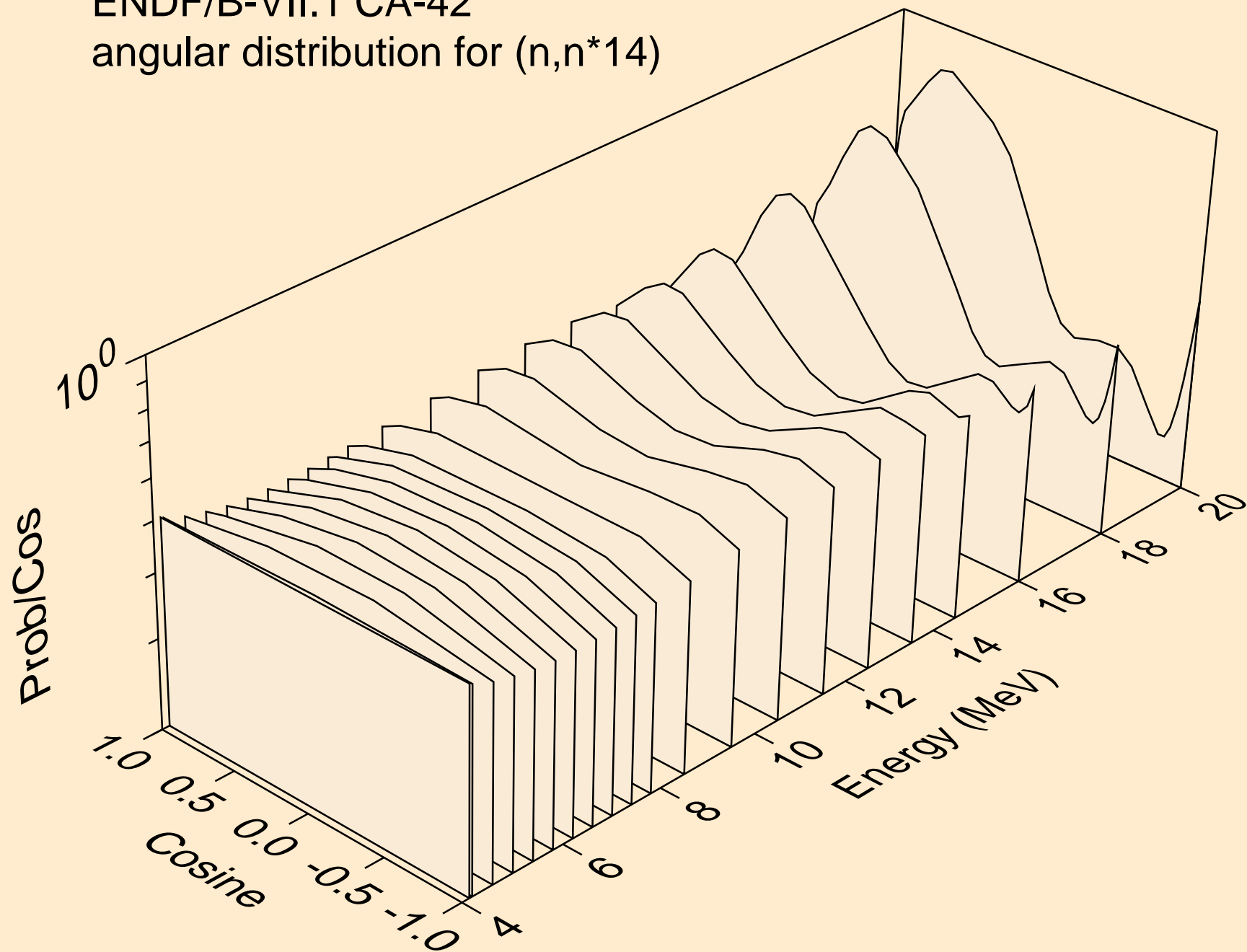
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angular distribution for (n,n*12)



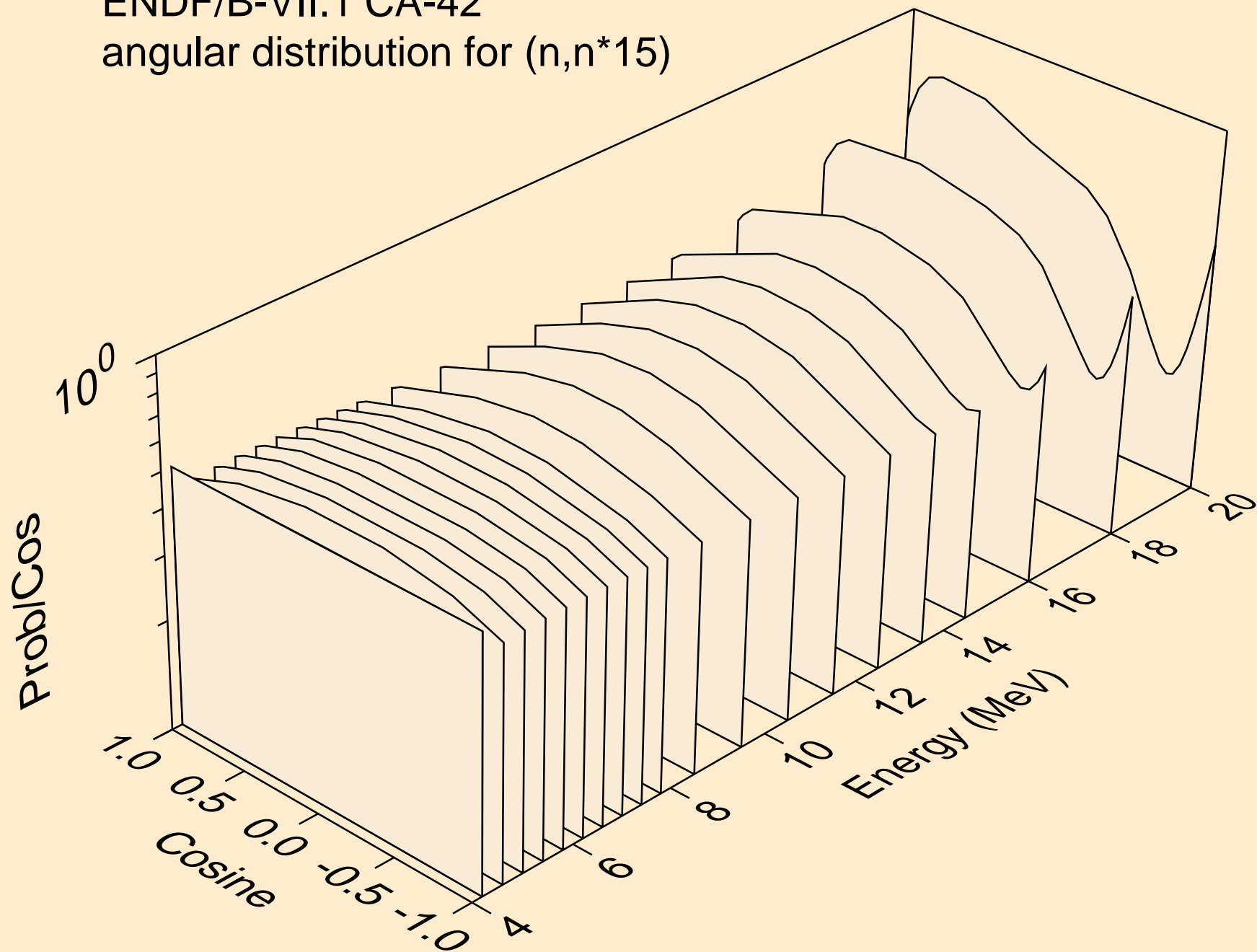
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angular distribution for (n,n*13)



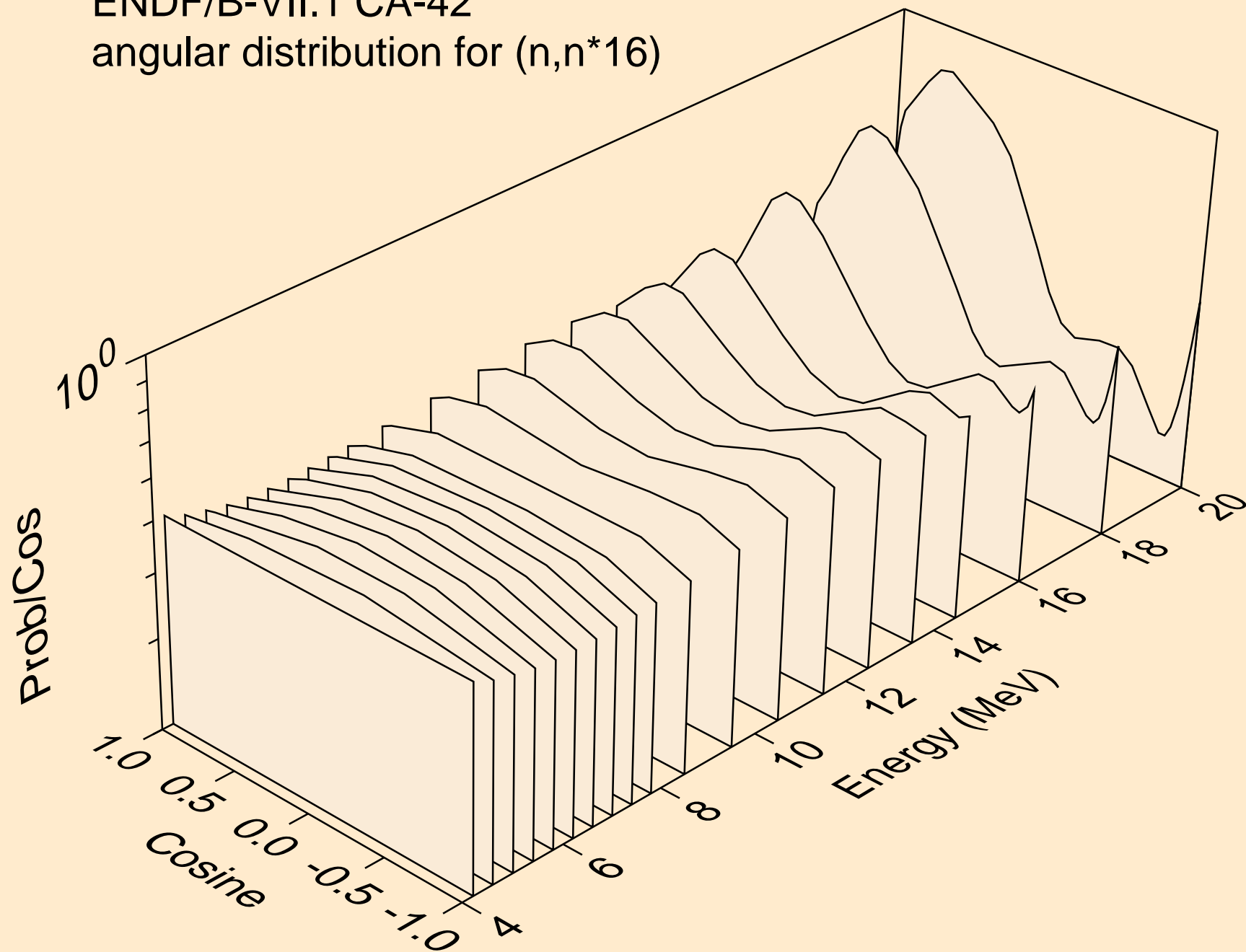
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angular distribution for (n,n*14)



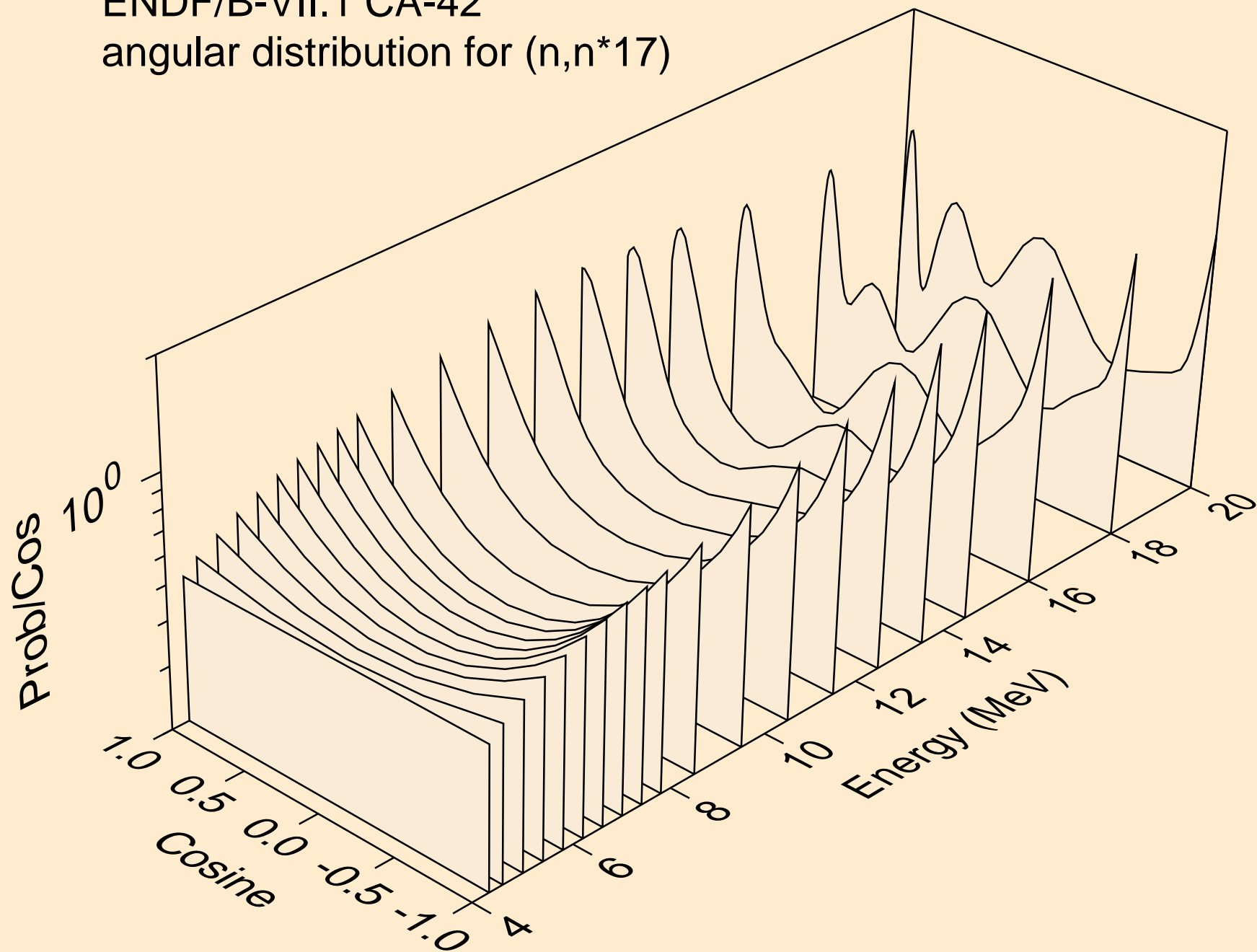
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angular distribution for (n,n*15)



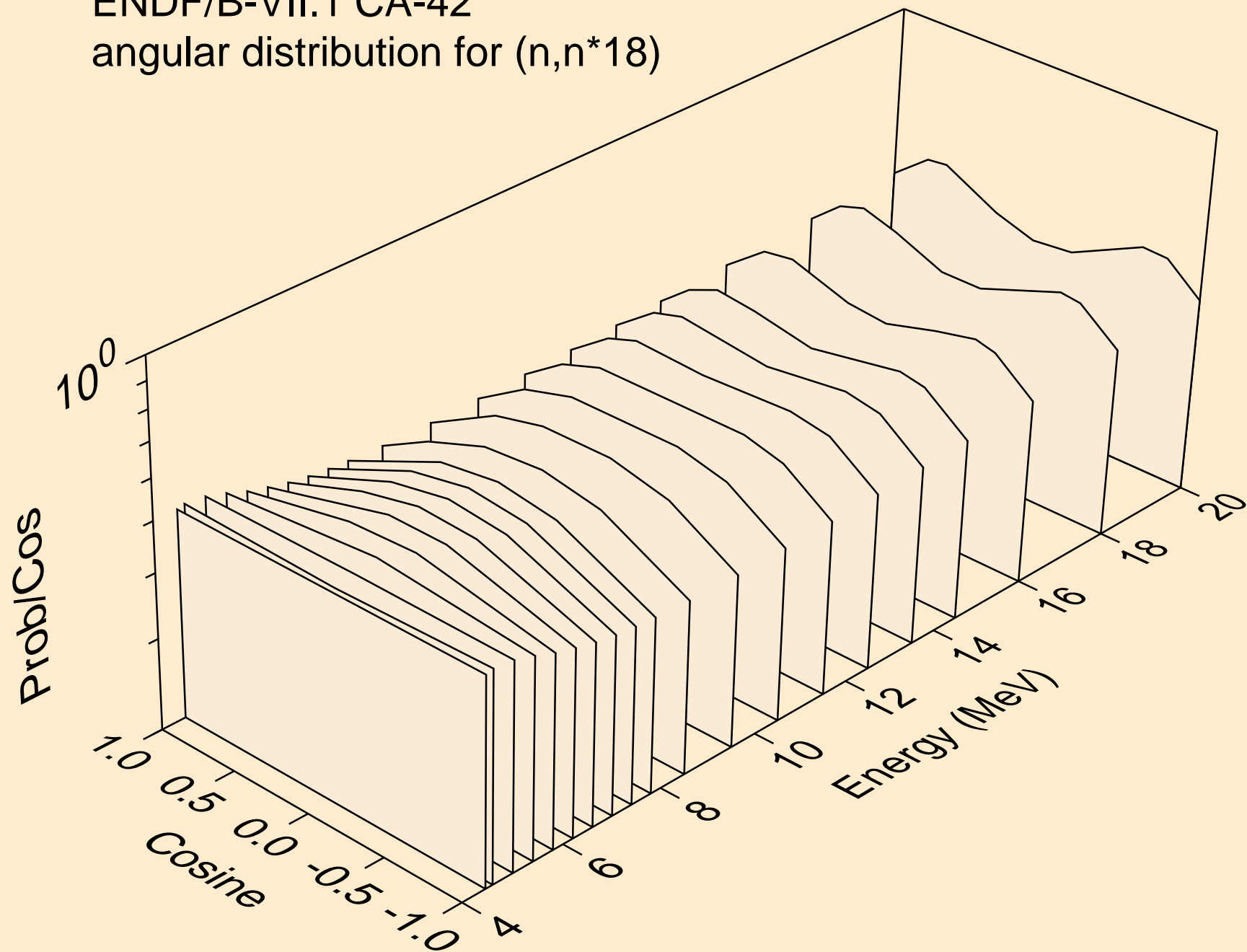
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angular distribution for (n,n*16)



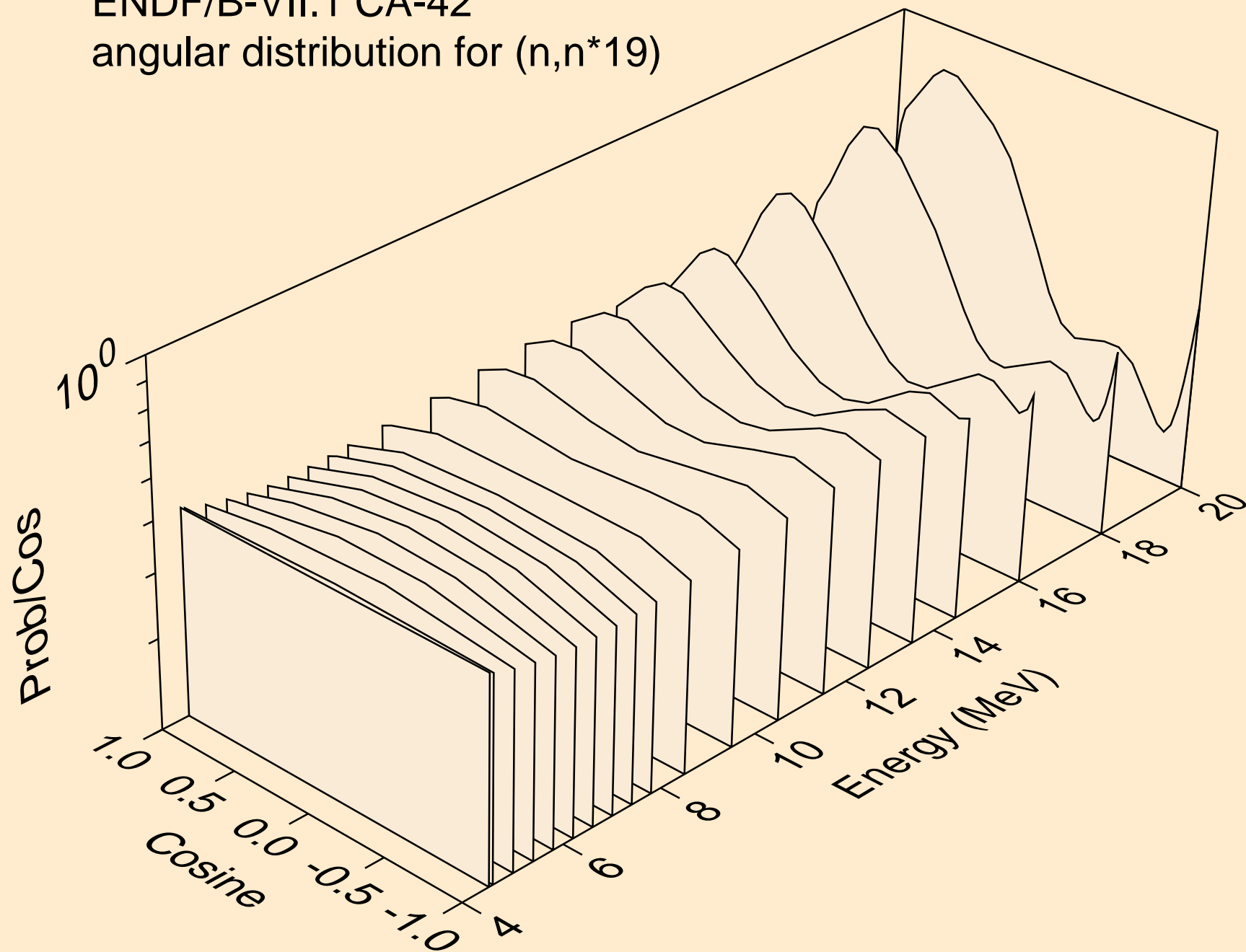
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angular distribution for (n,n*17)



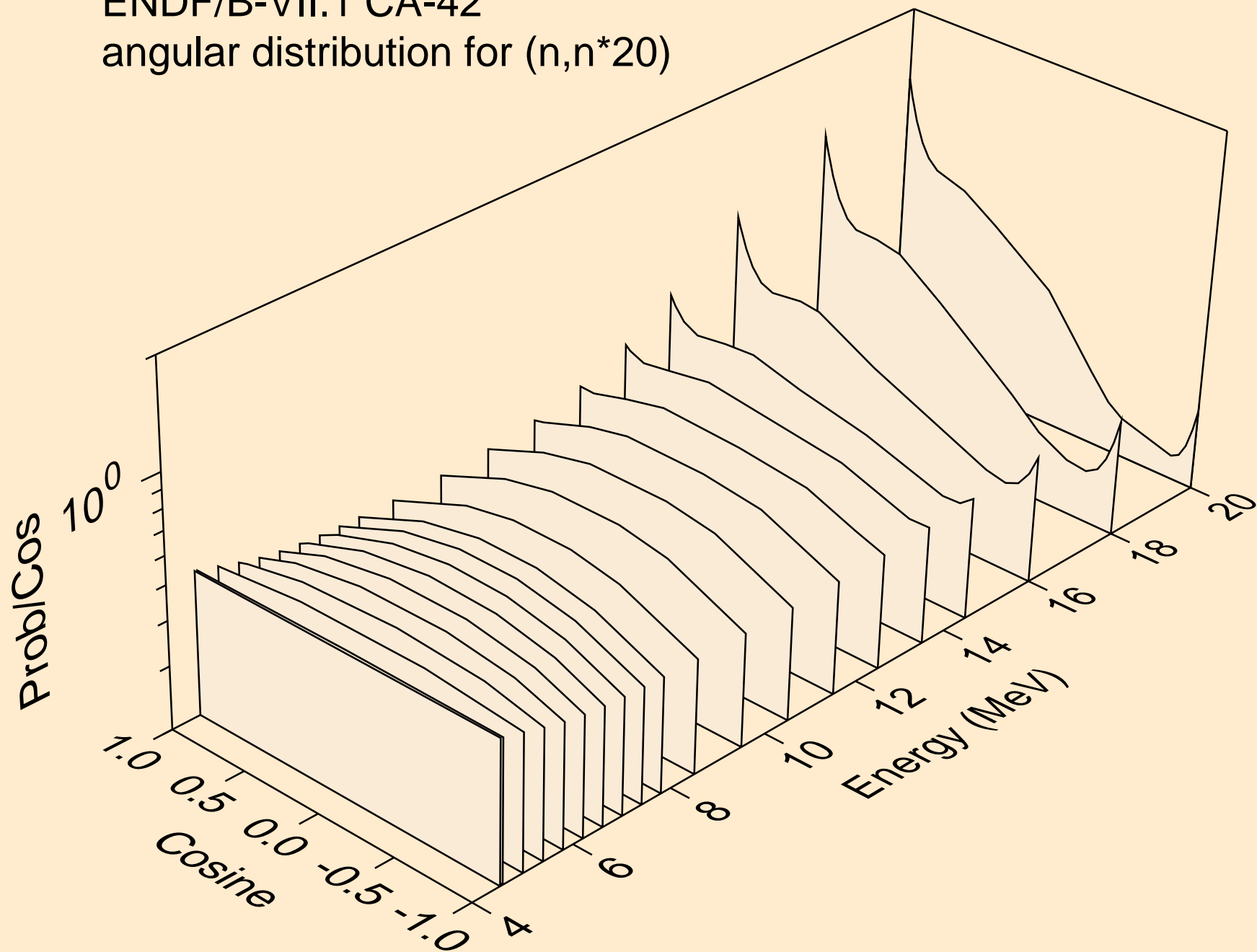
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angular distribution for (n,n*18)



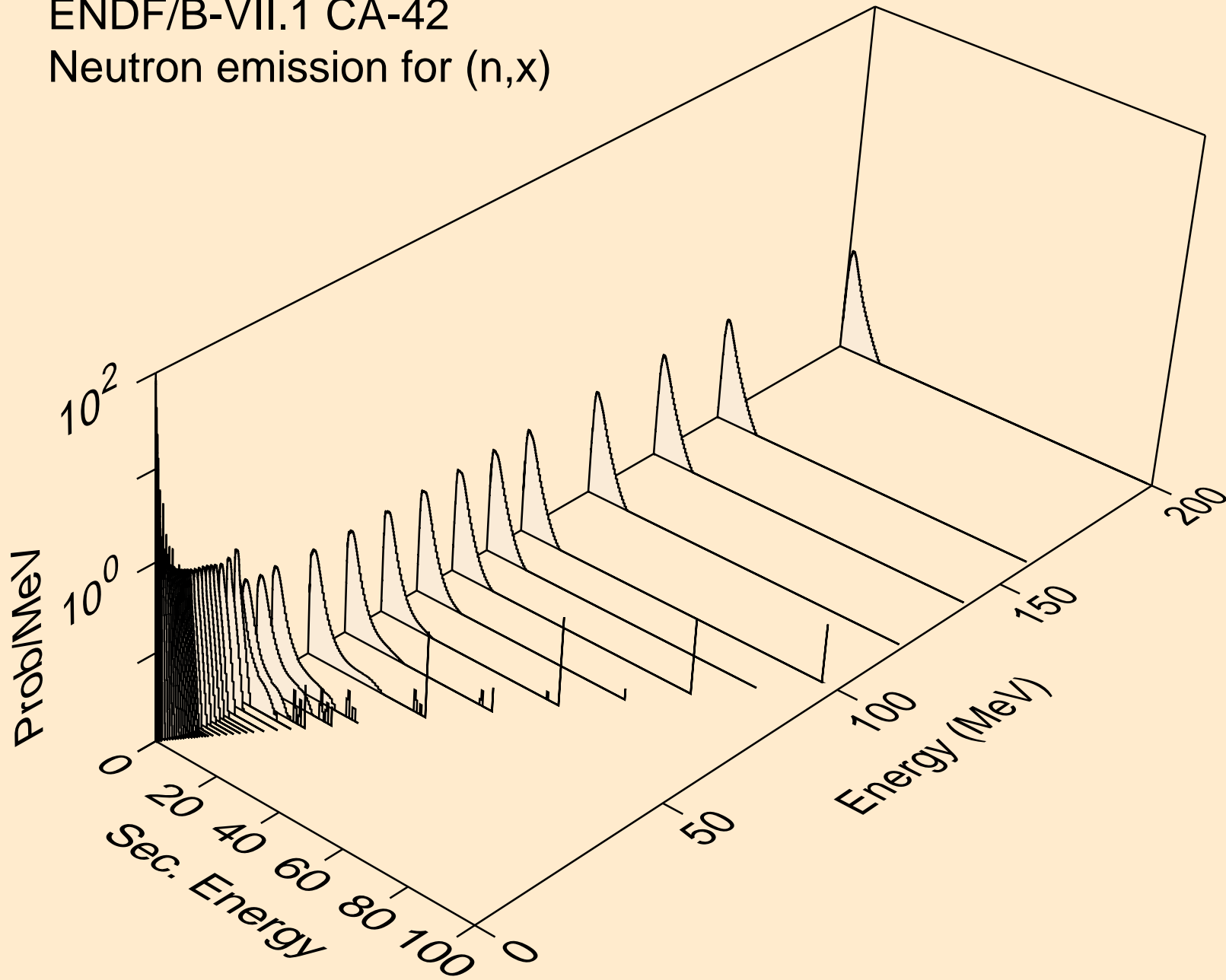
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angular distribution for (n,n*19)



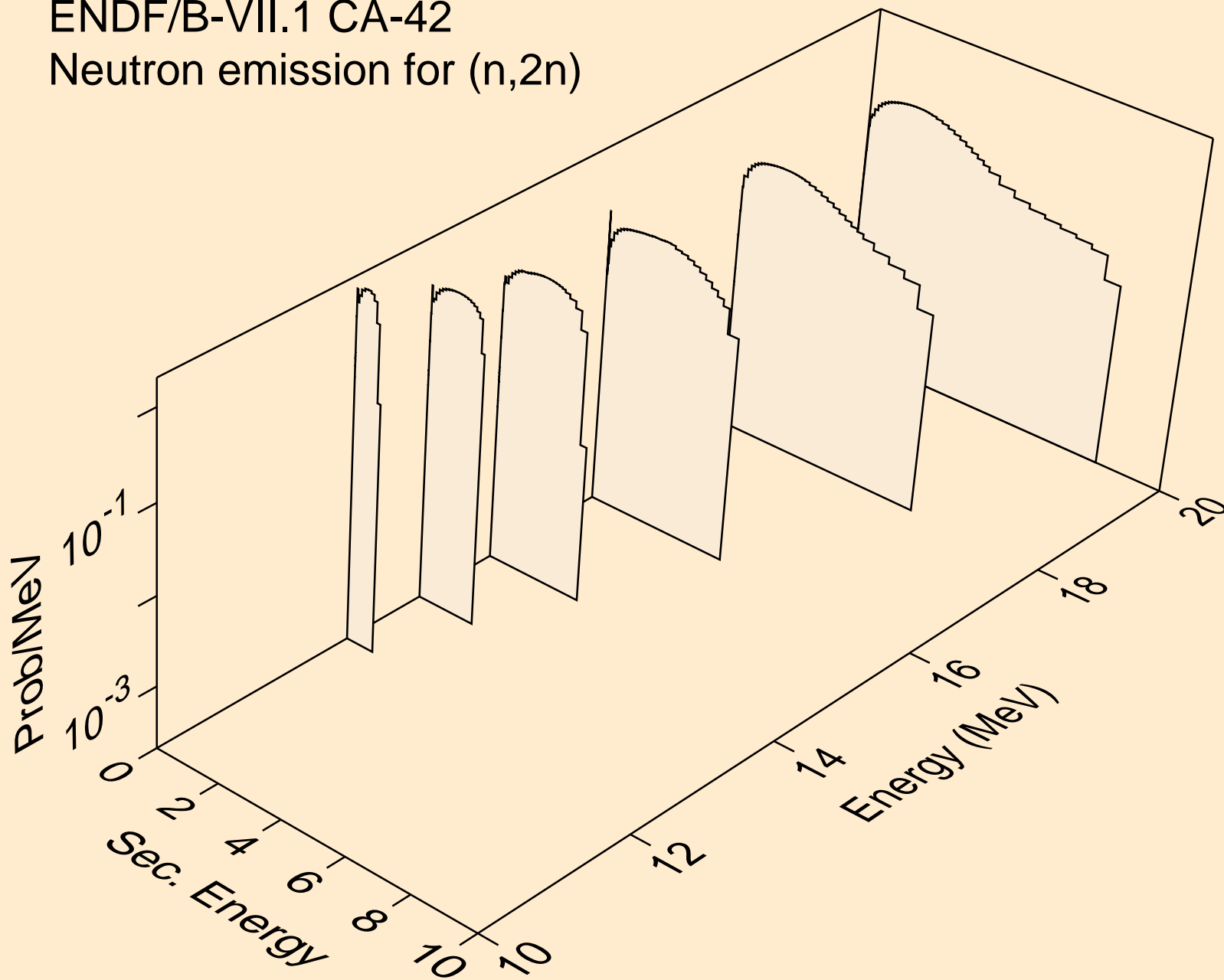
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angular distribution for (n,n*20)



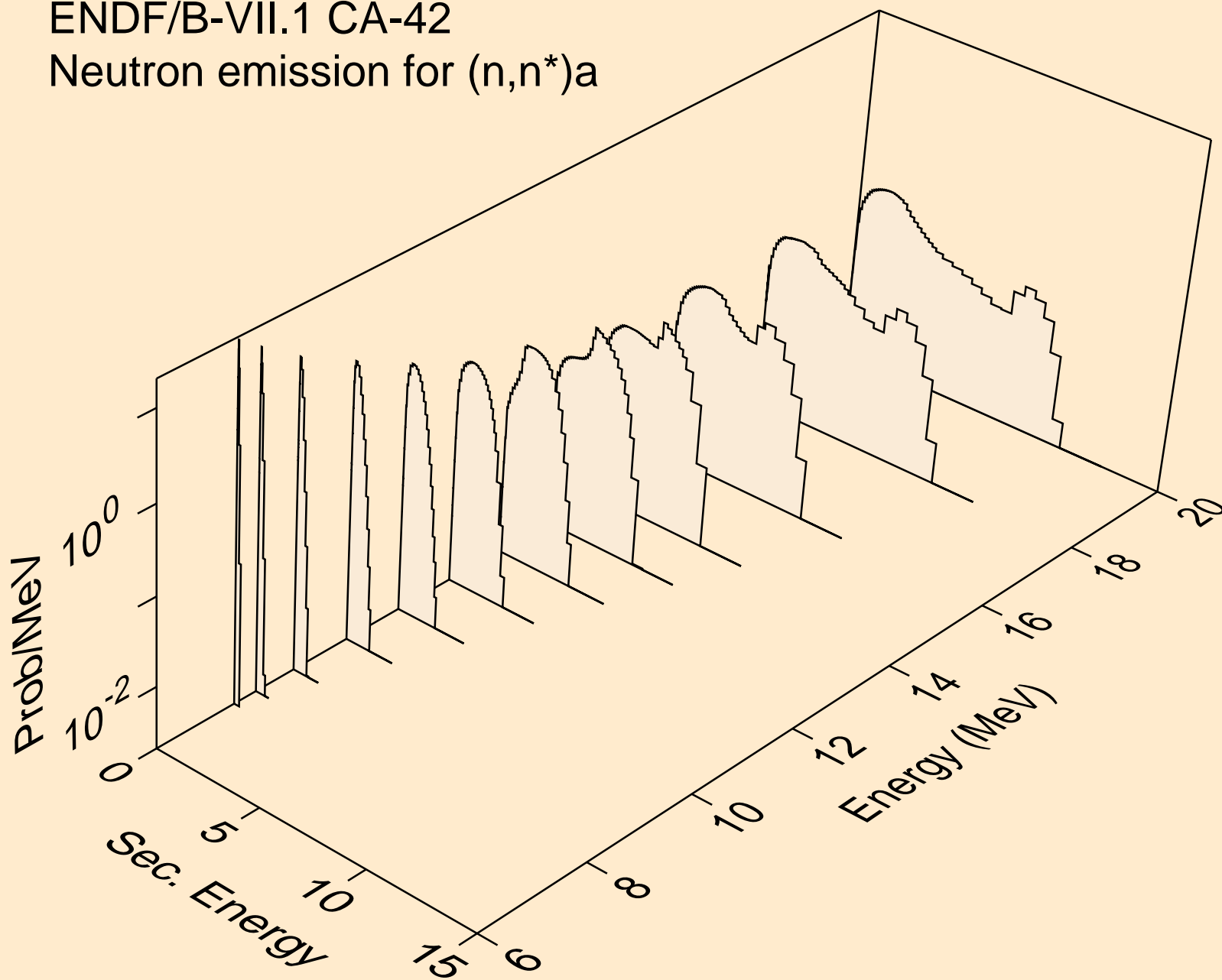
ENDF/B-VII.1 CA-42
Neutron emission for (n,x)



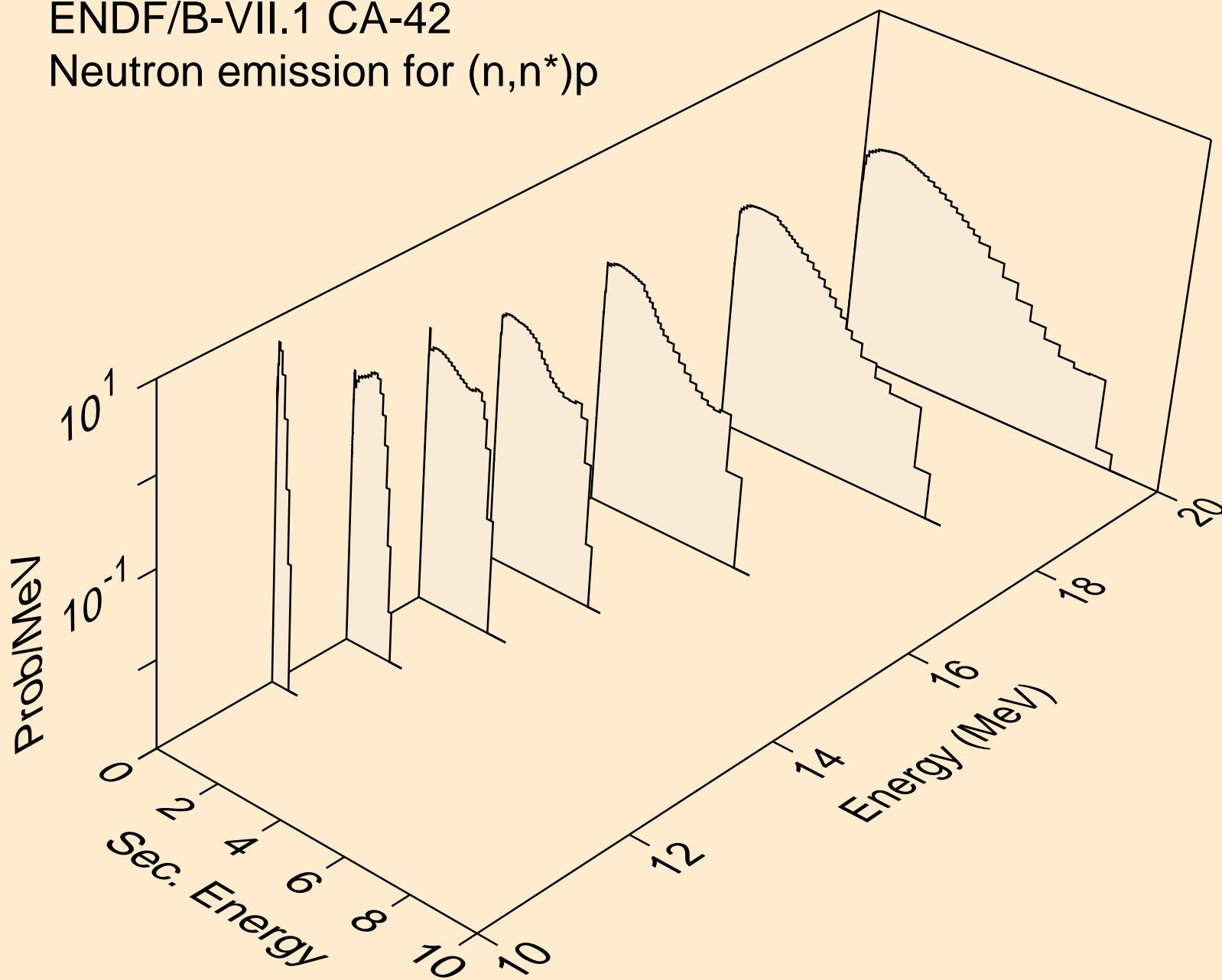
ENDF/B-VII.1 CA-42
Neutron emission for (n,2n)



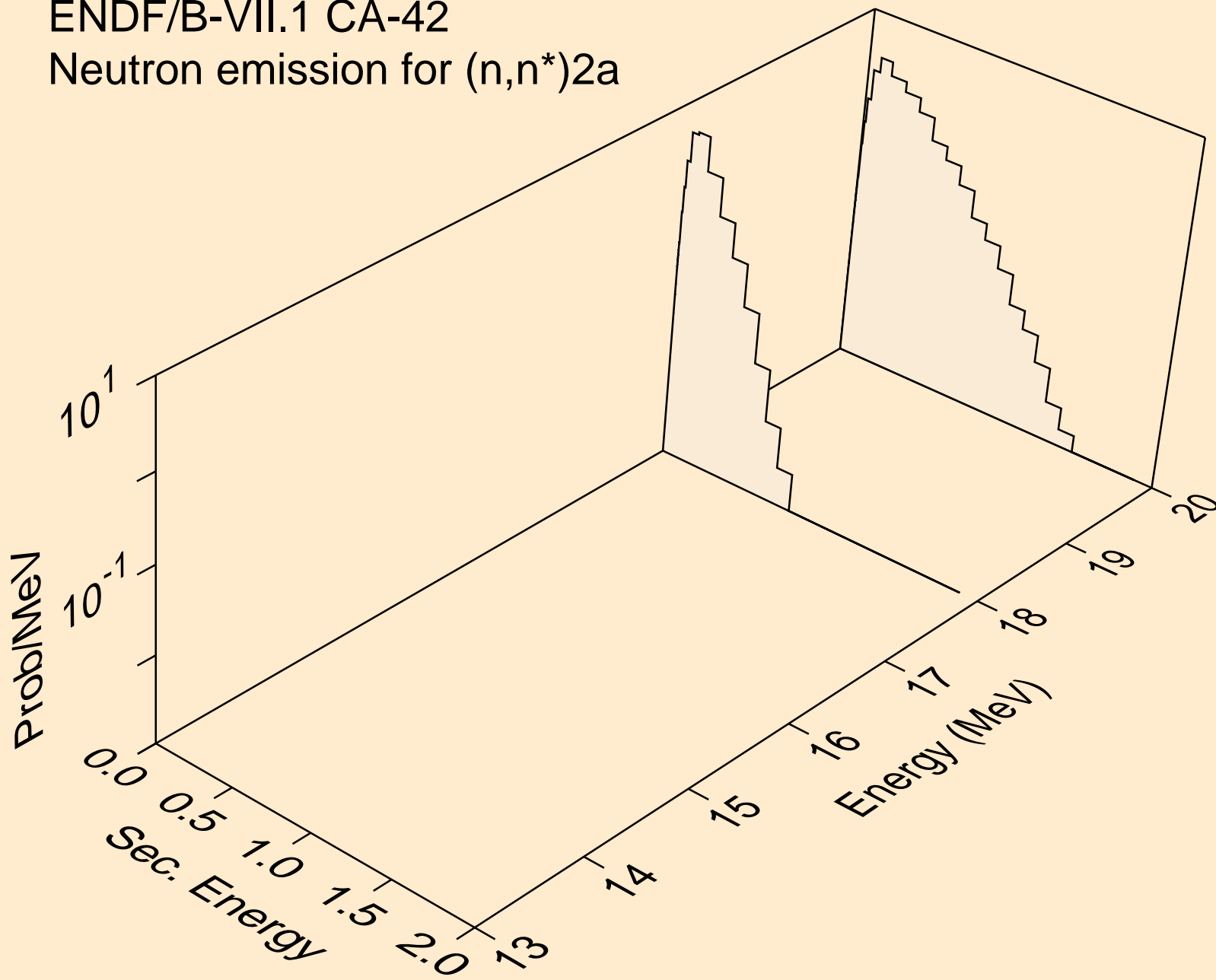
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Neutron emission for (n,n*)a



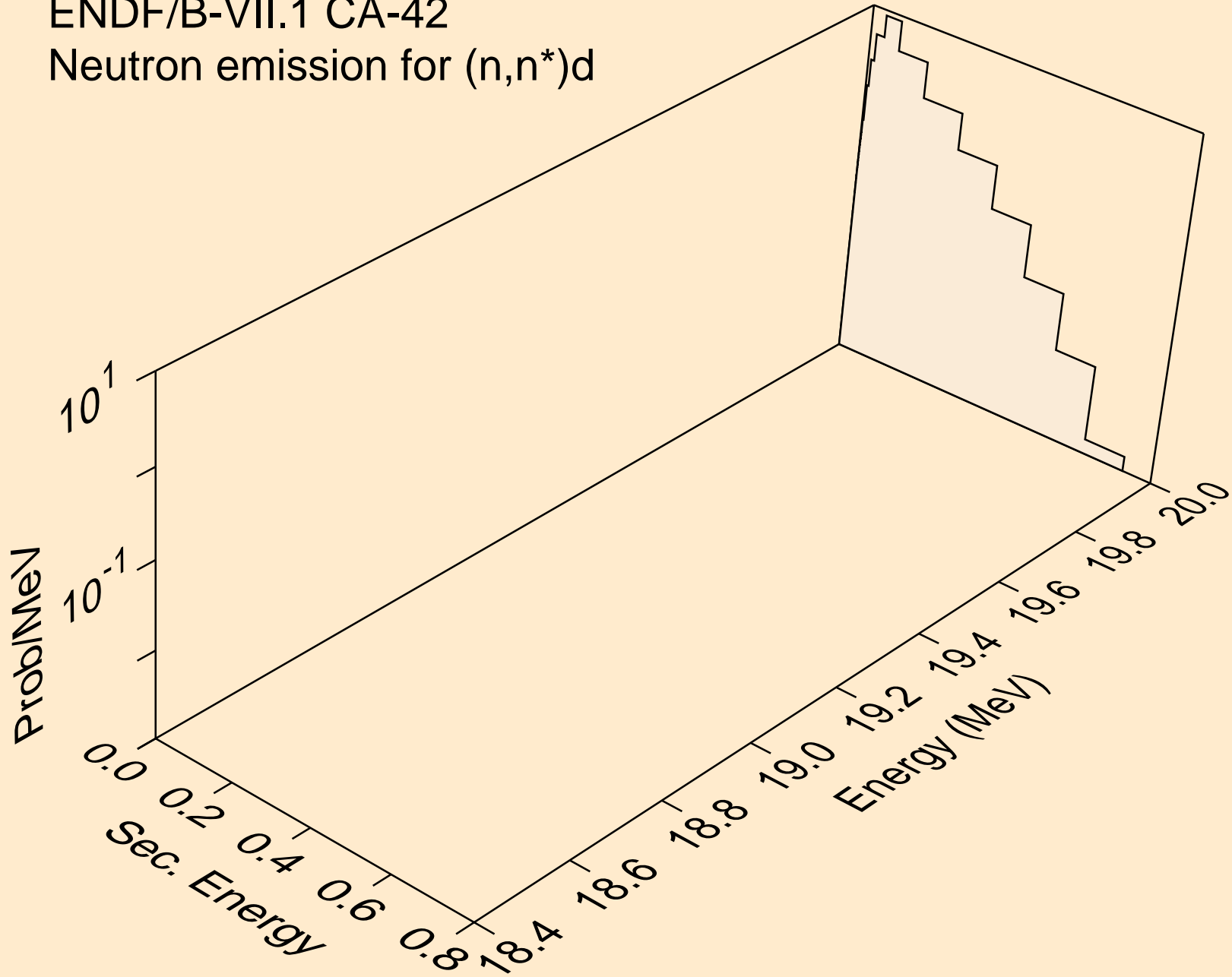
ENDF/B-VII.1 CA-42
Neutron emission for (n,n*)p



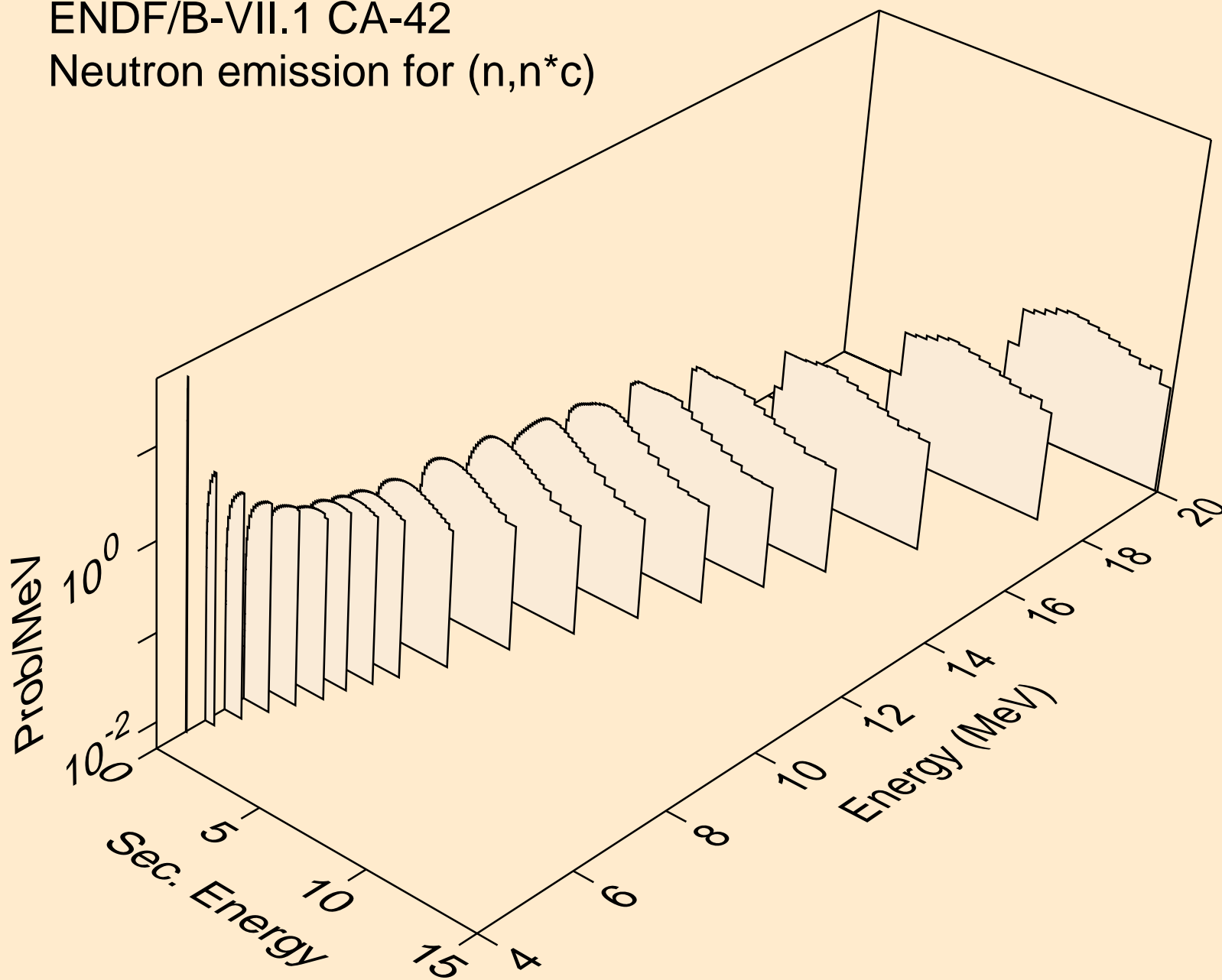
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Neutron emission for (n,n*)2a



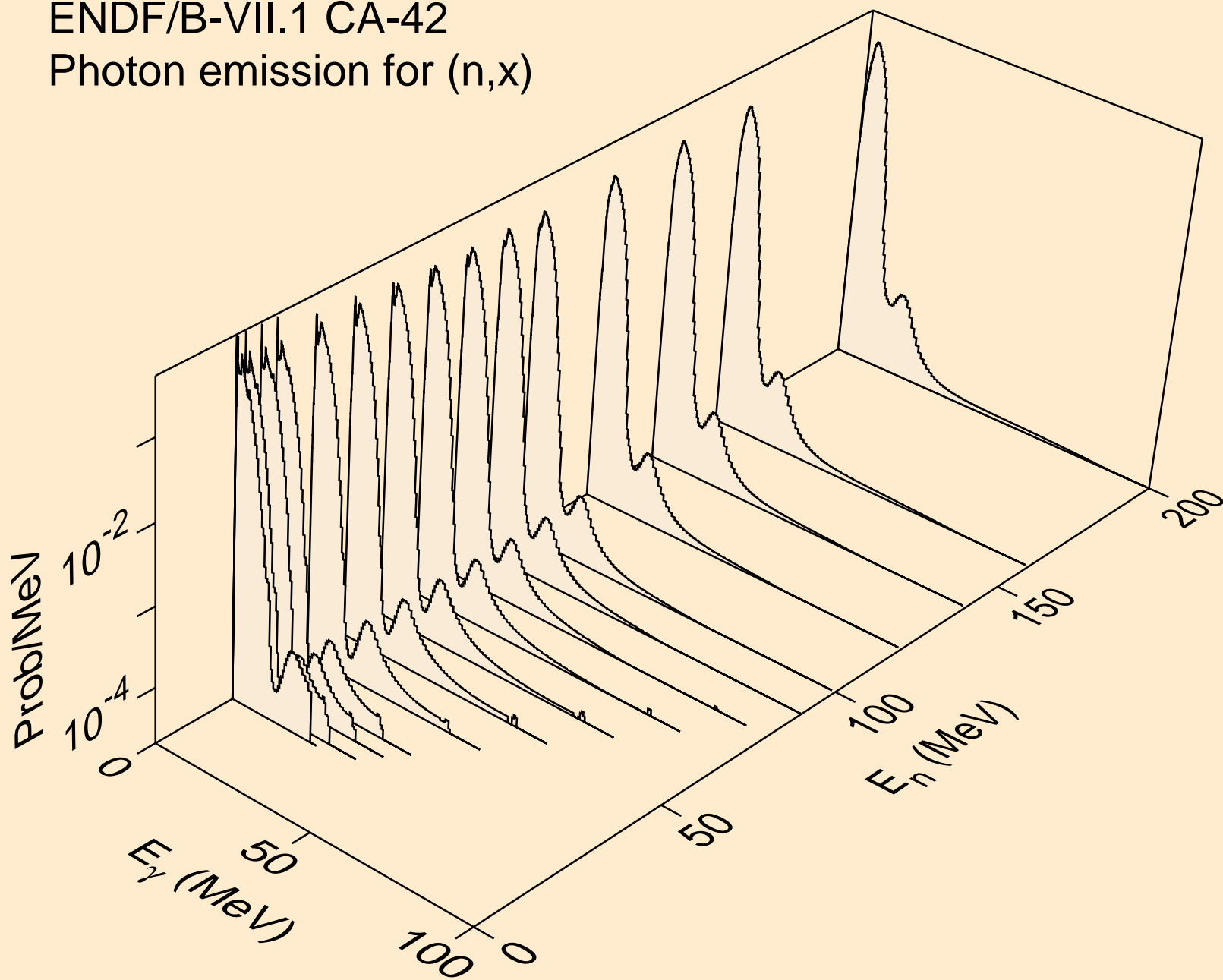
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Neutron emission for (n,n*)d



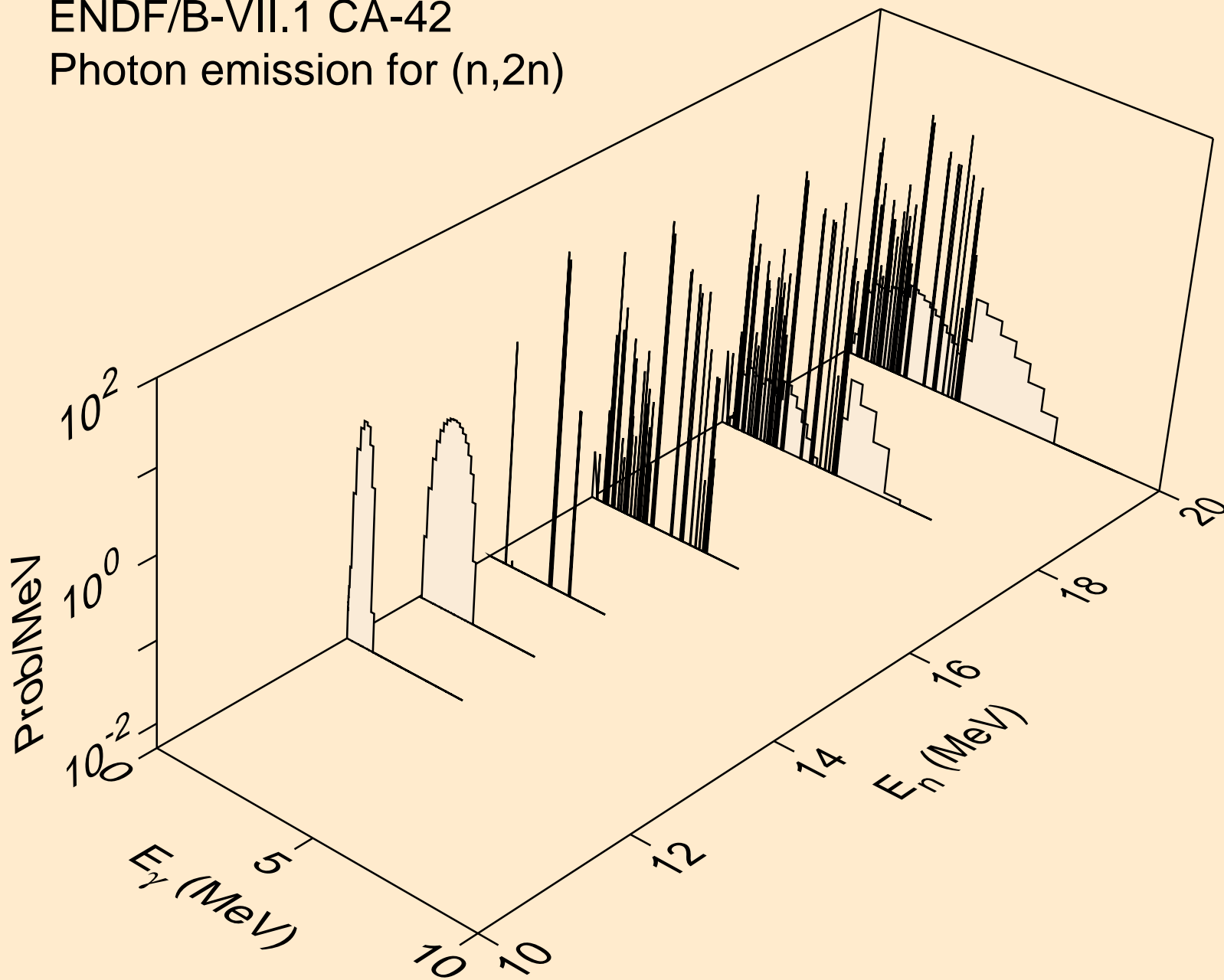
ENDF/B-VII.1 CA-42
Neutron emission for (n,n*c)



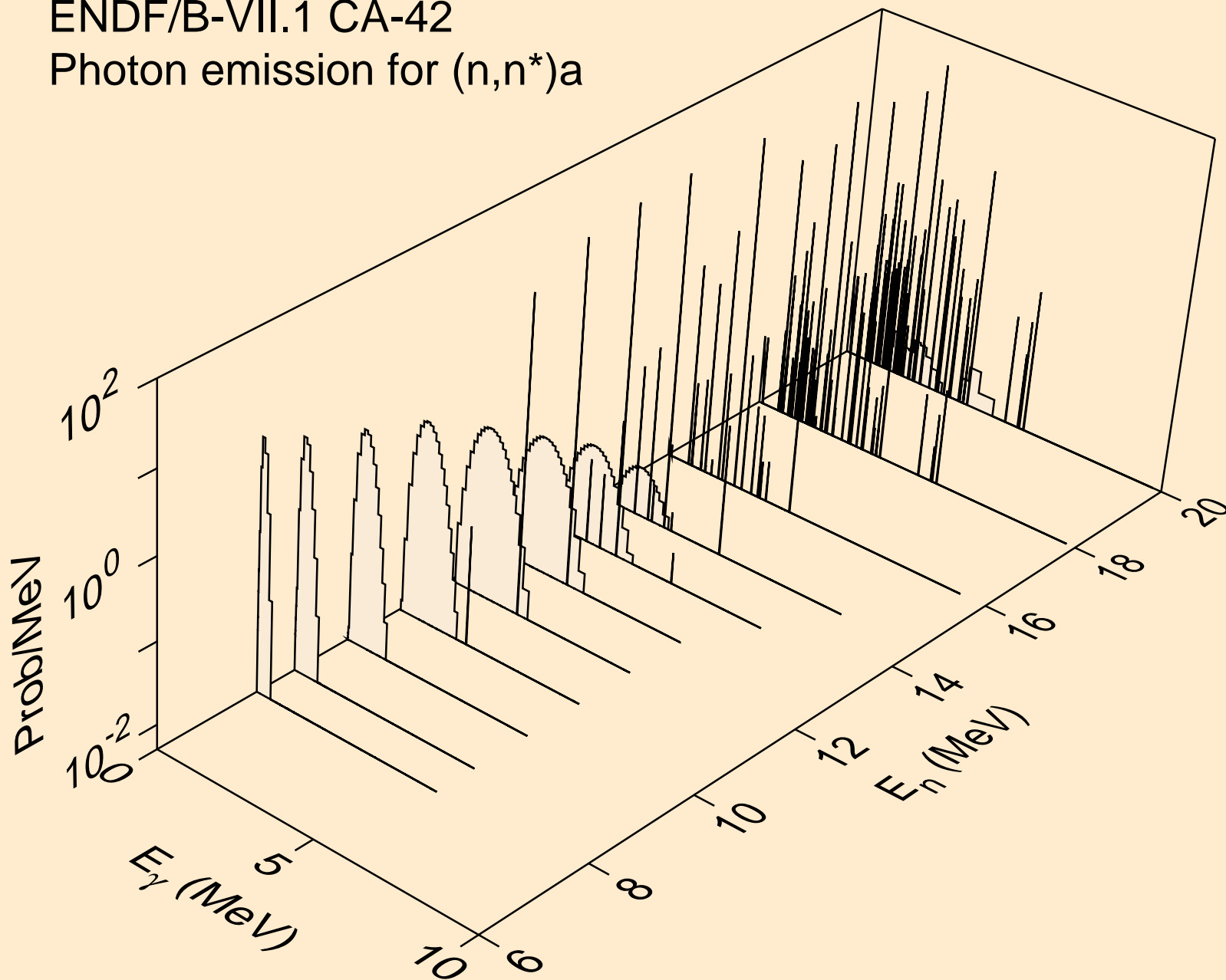
ENDF/B-VII.1 CA-42
Photon emission for (n,x)



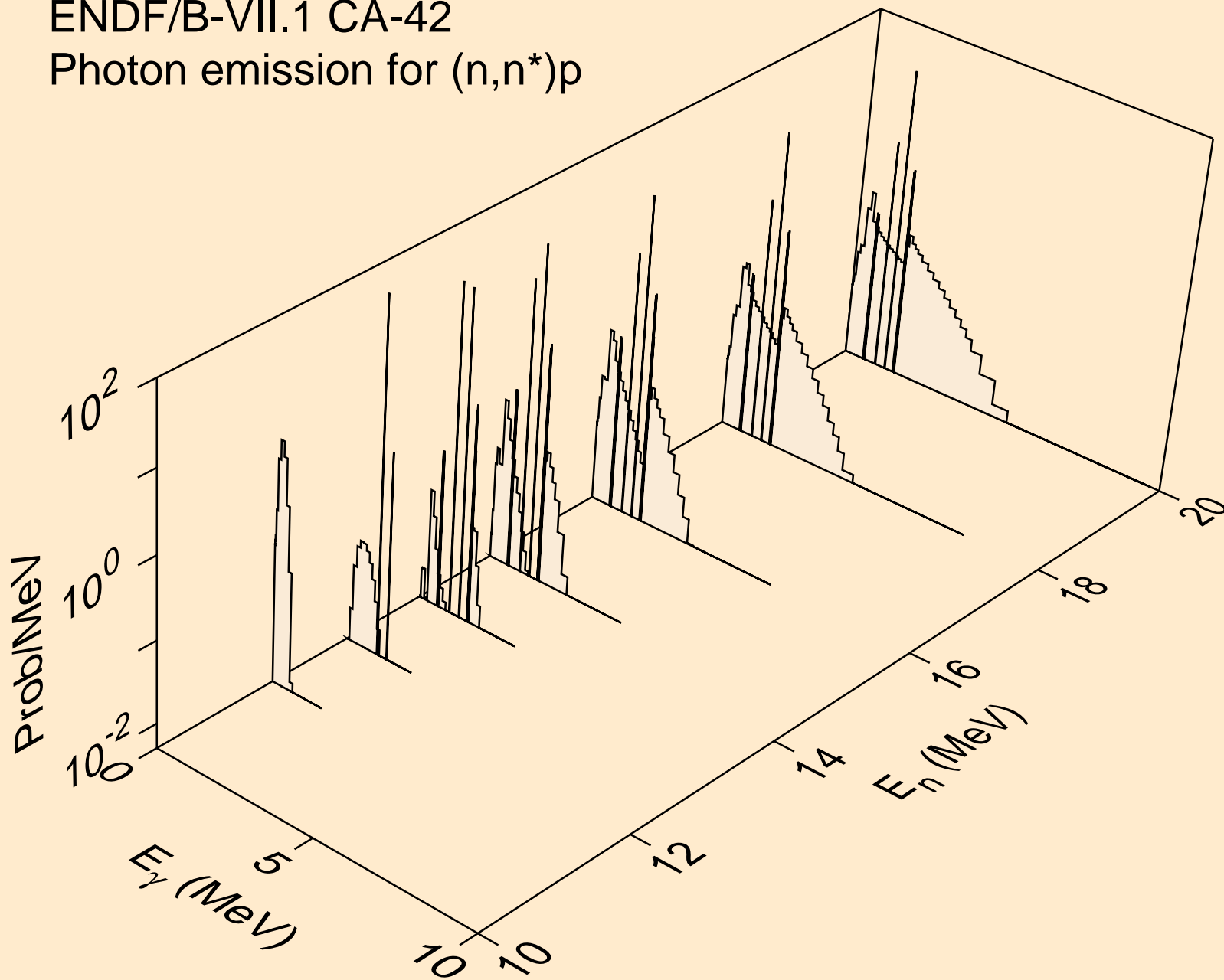
ENDF/B-VII.1 CA-42
Photon emission for (n,2n)



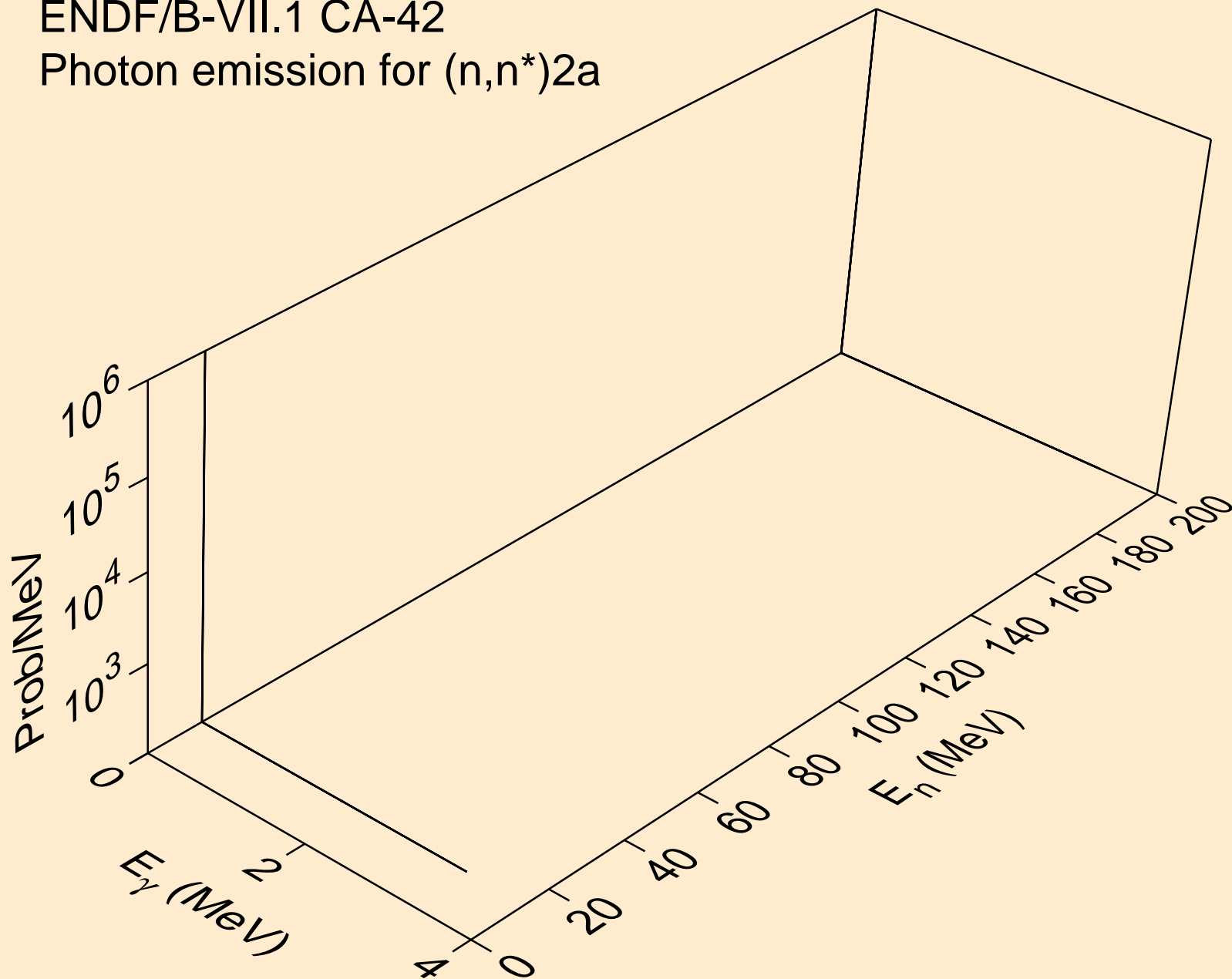
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Photon emission for (n,n*)a



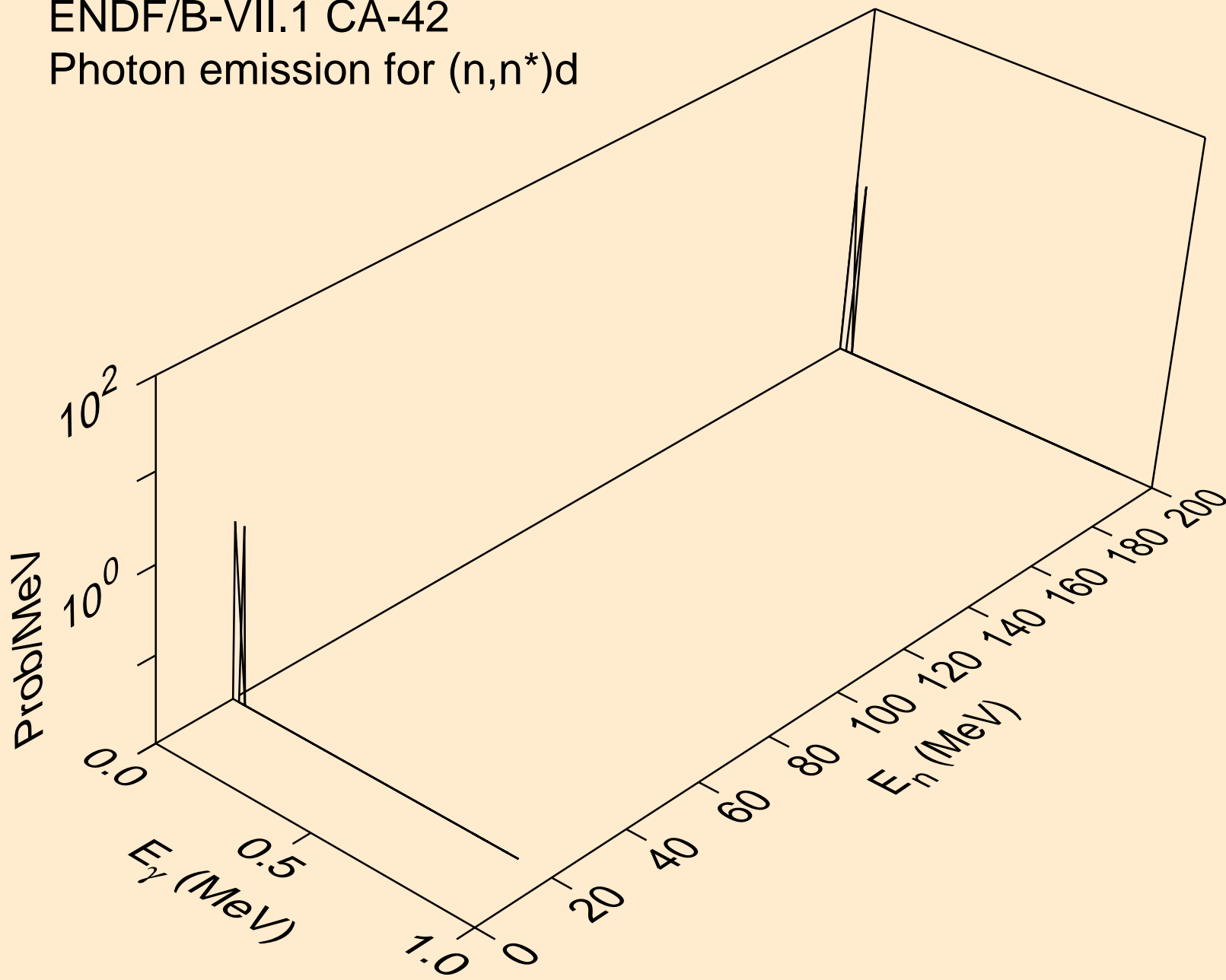
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Photon emission for (n,n*)p



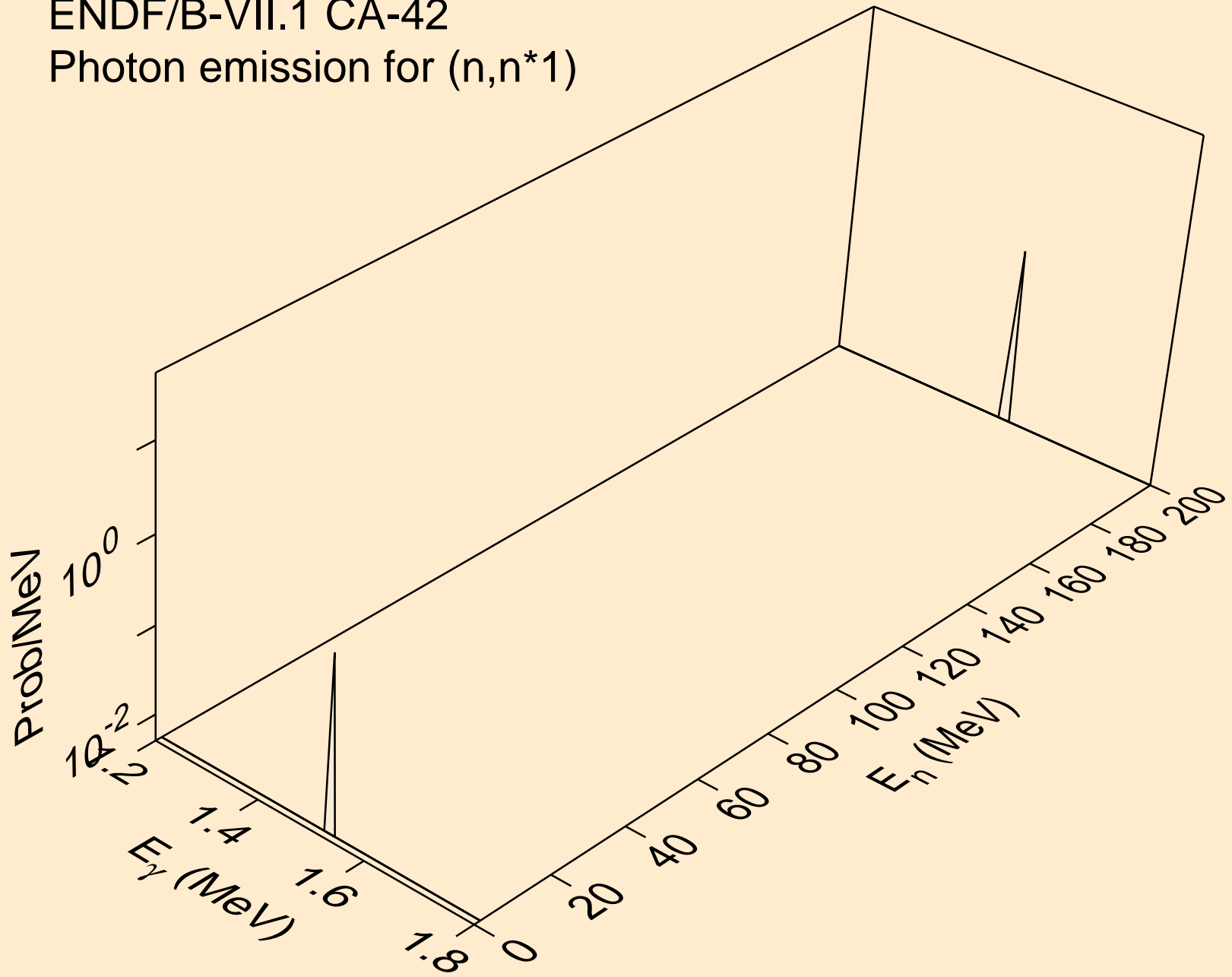
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Photon emission for (n,n*)2a



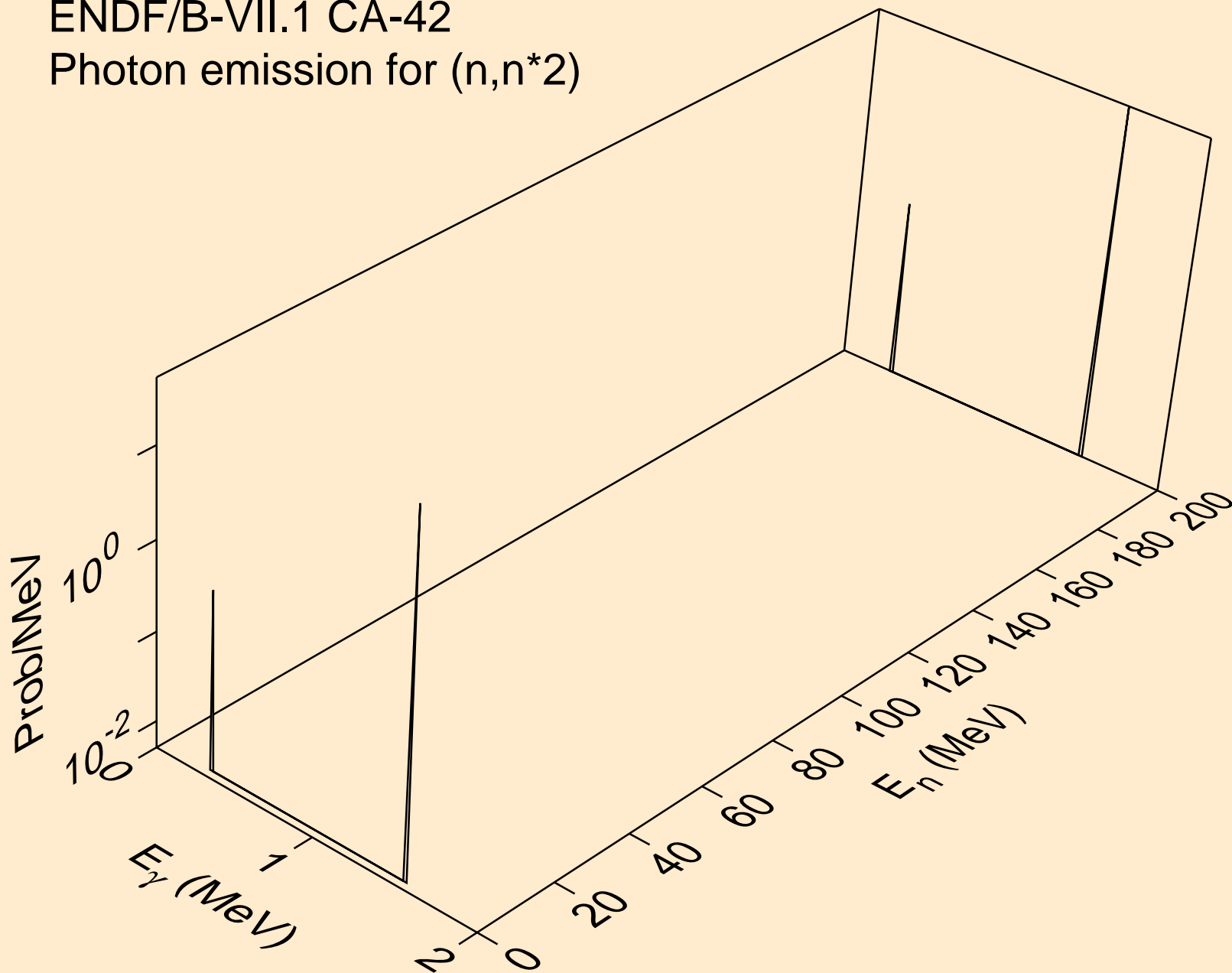
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Photon emission for (n,n*)d



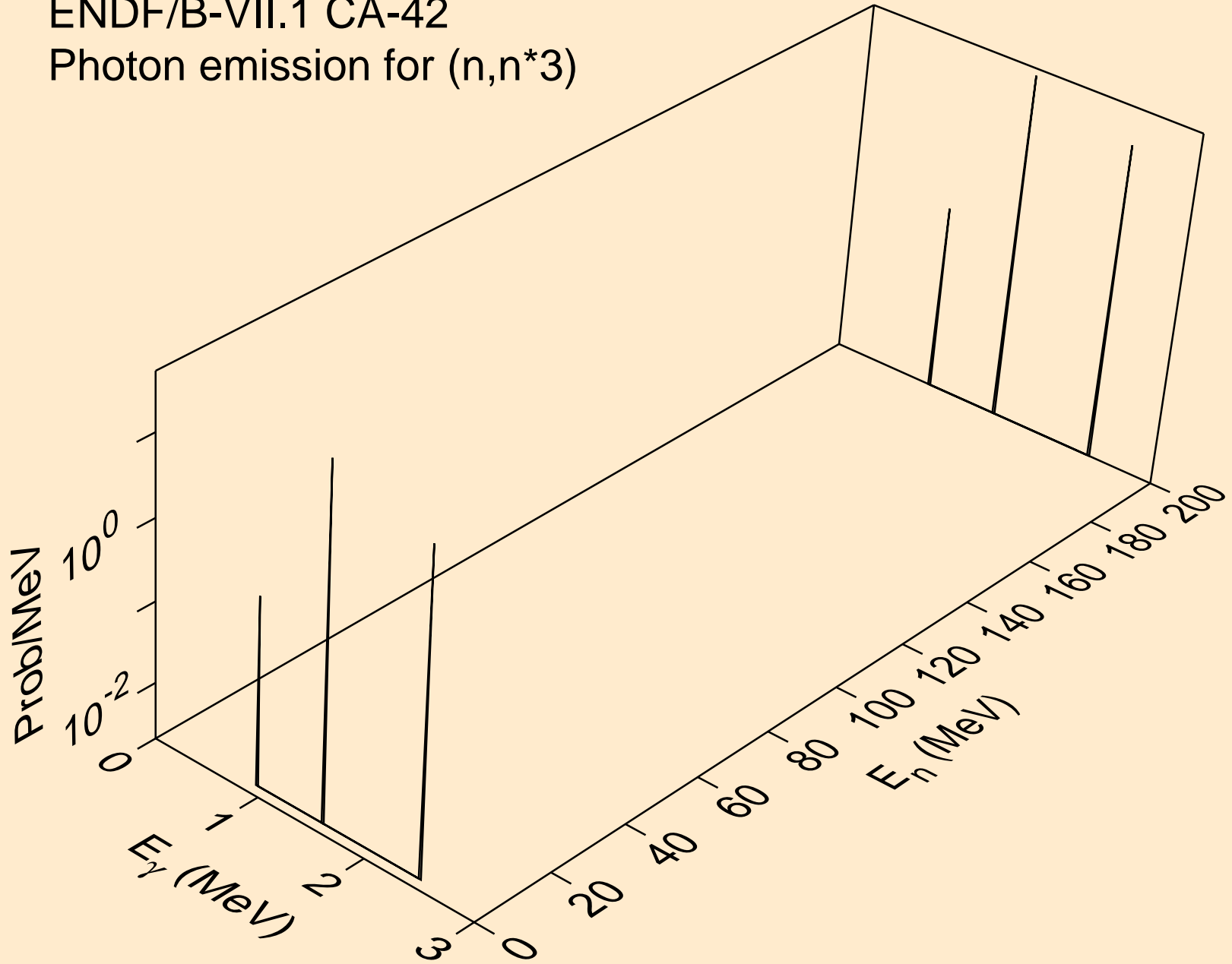
ENDF/B-VII.1 CA-42
Photon emission for (n,n*1)



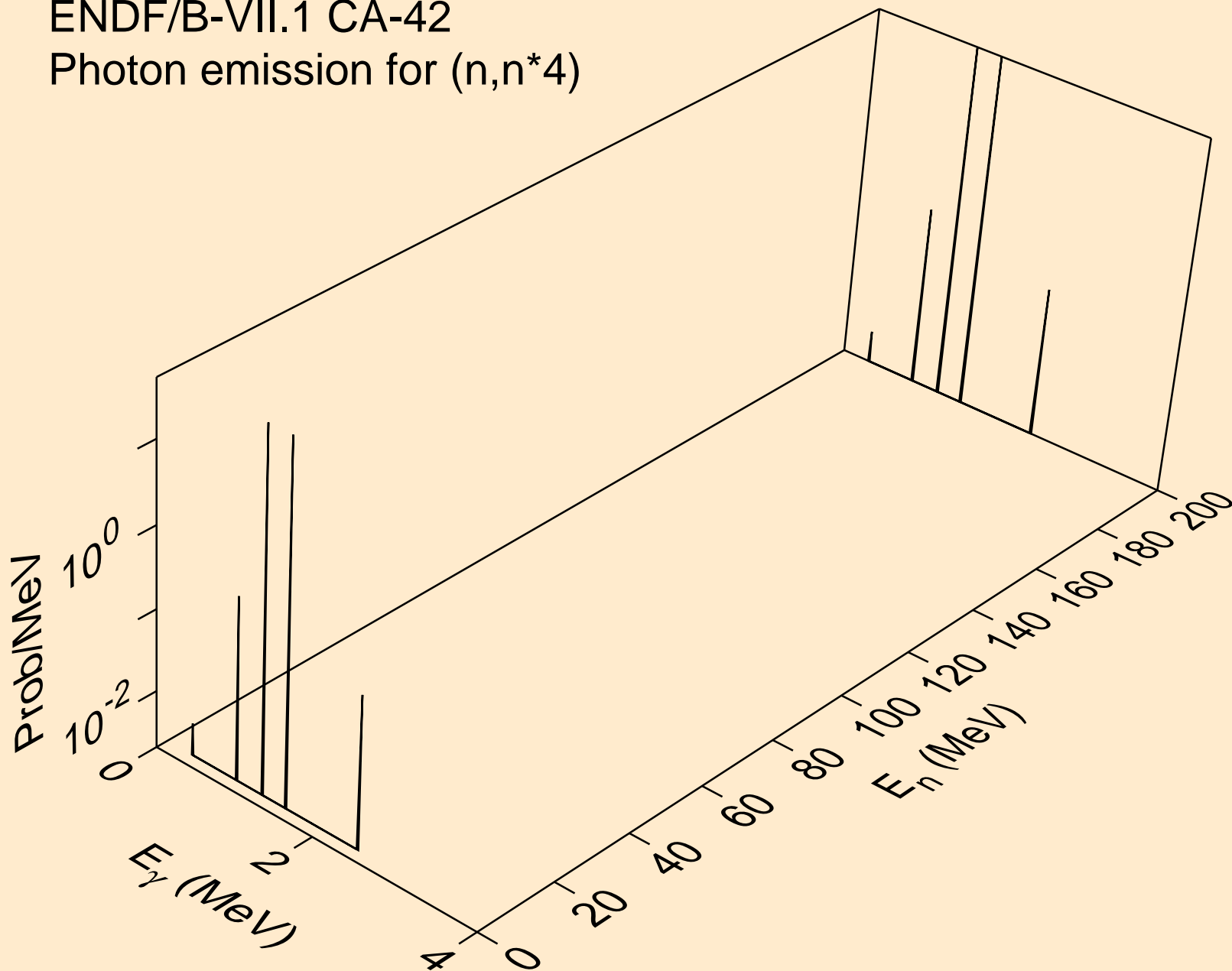
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Photon emission for (n,n*2)



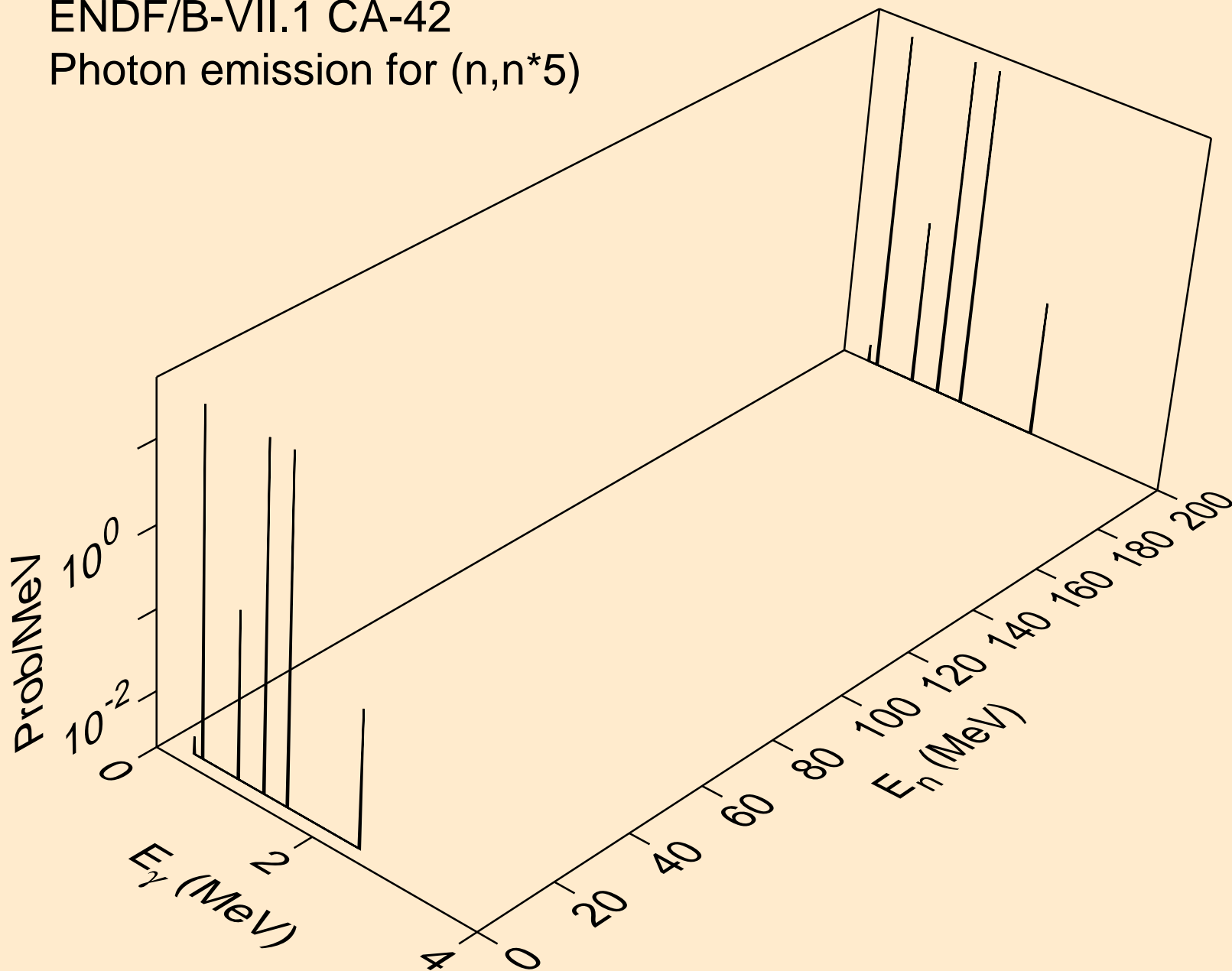
ENDF/B-VII.1 CA-42
Photon emission for (n,n*3)



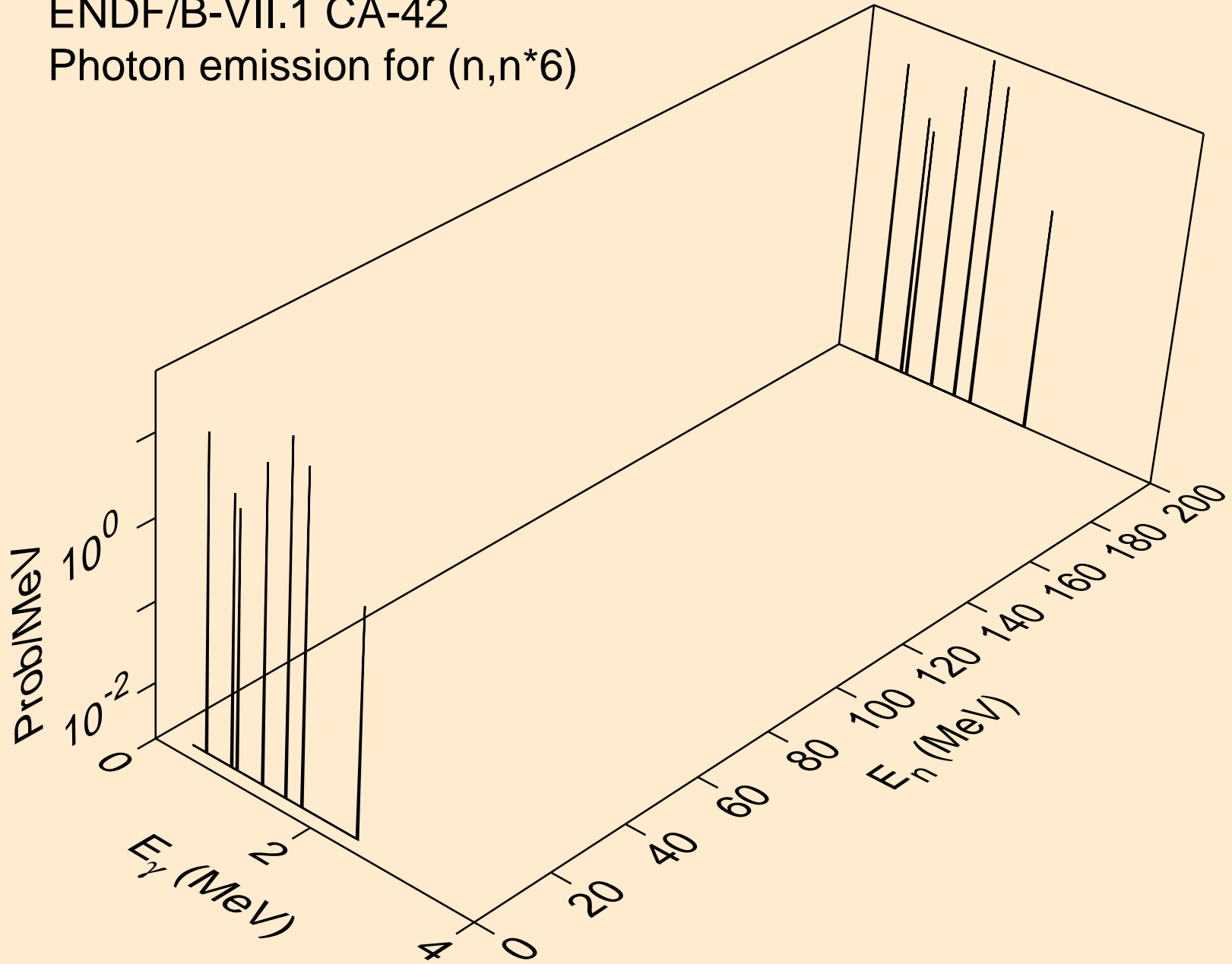
ENDF/B-VII.1 CA-42
Photon emission for (n,n*4)



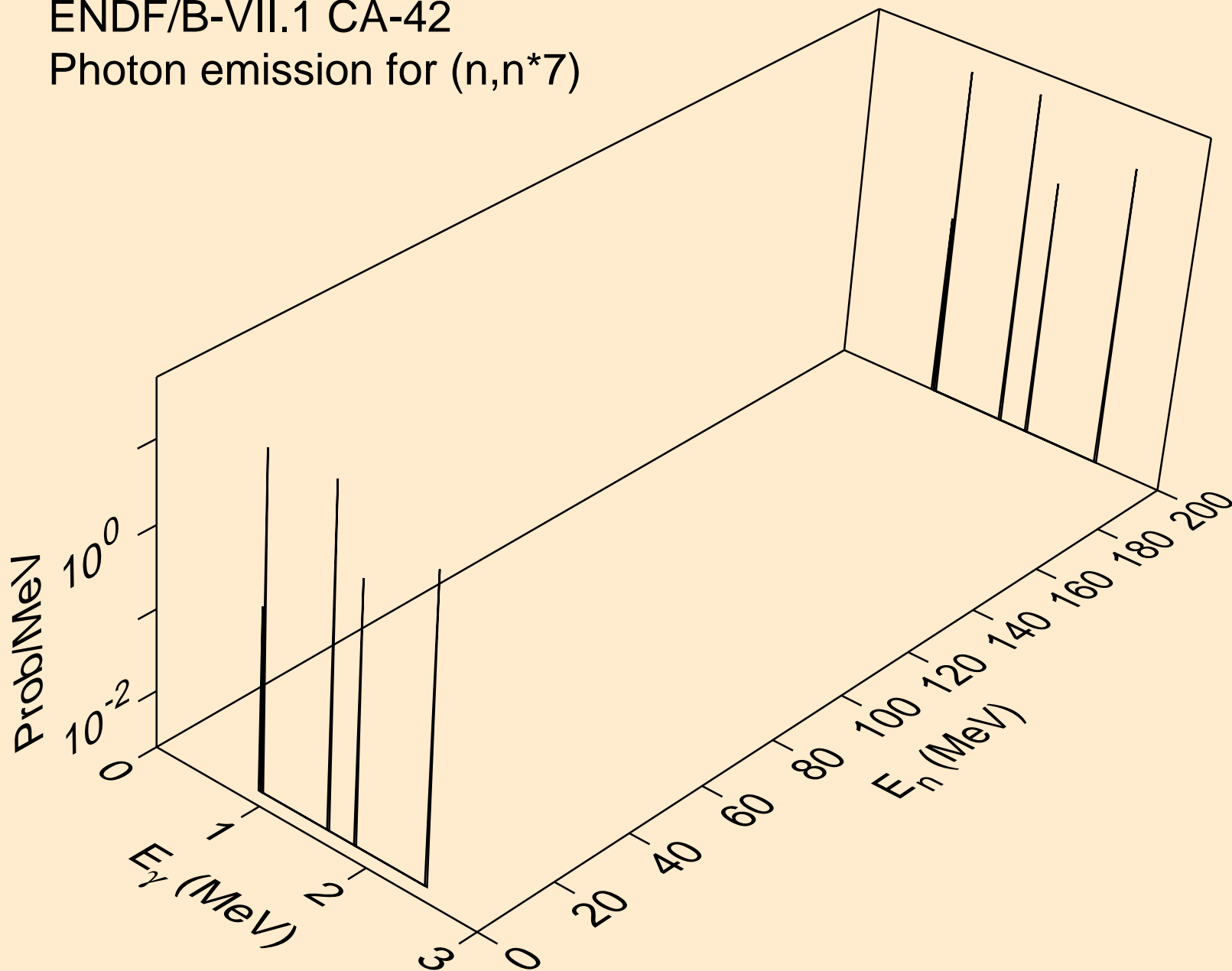
ENDF/B-VII.1 CA-42
Photon emission for (n,n*5)



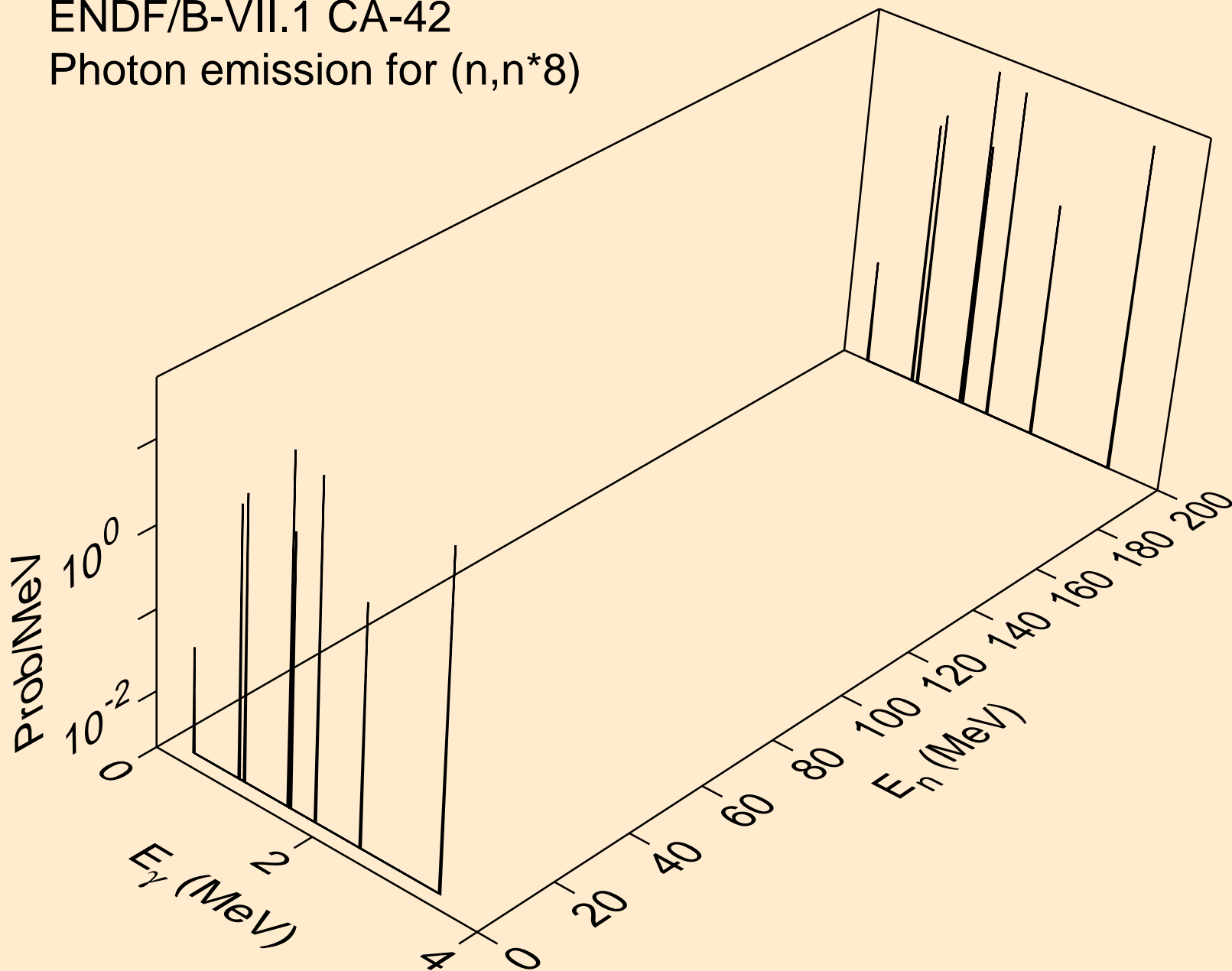
ENDF/B-VII.1 CA-42
Photon emission for (n,n*6)



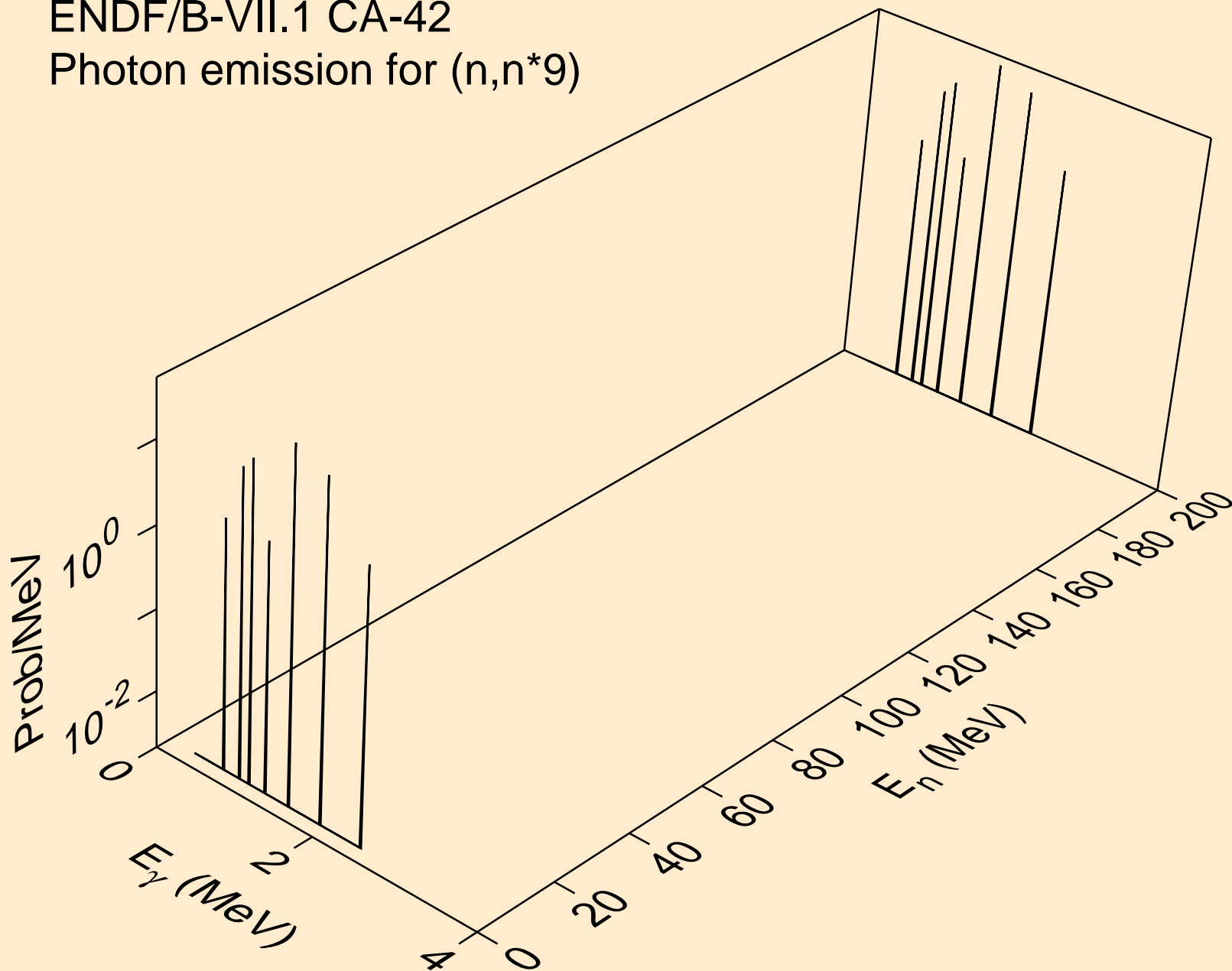
ENDF/B-VII.1 CA-42
Photon emission for (n,n*7)



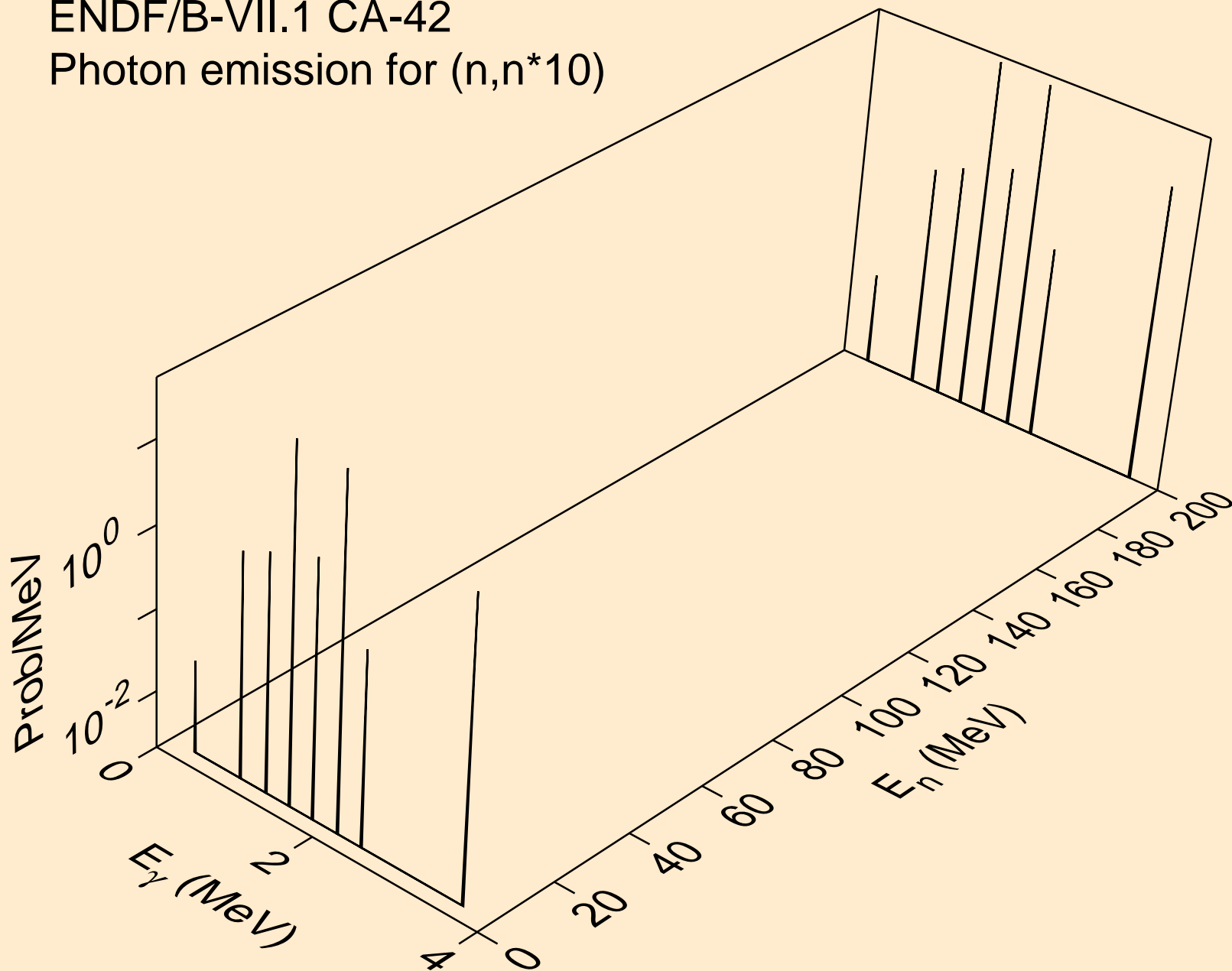
ENDF/B-VII.1 CA-42
Photon emission for (n,n*8)



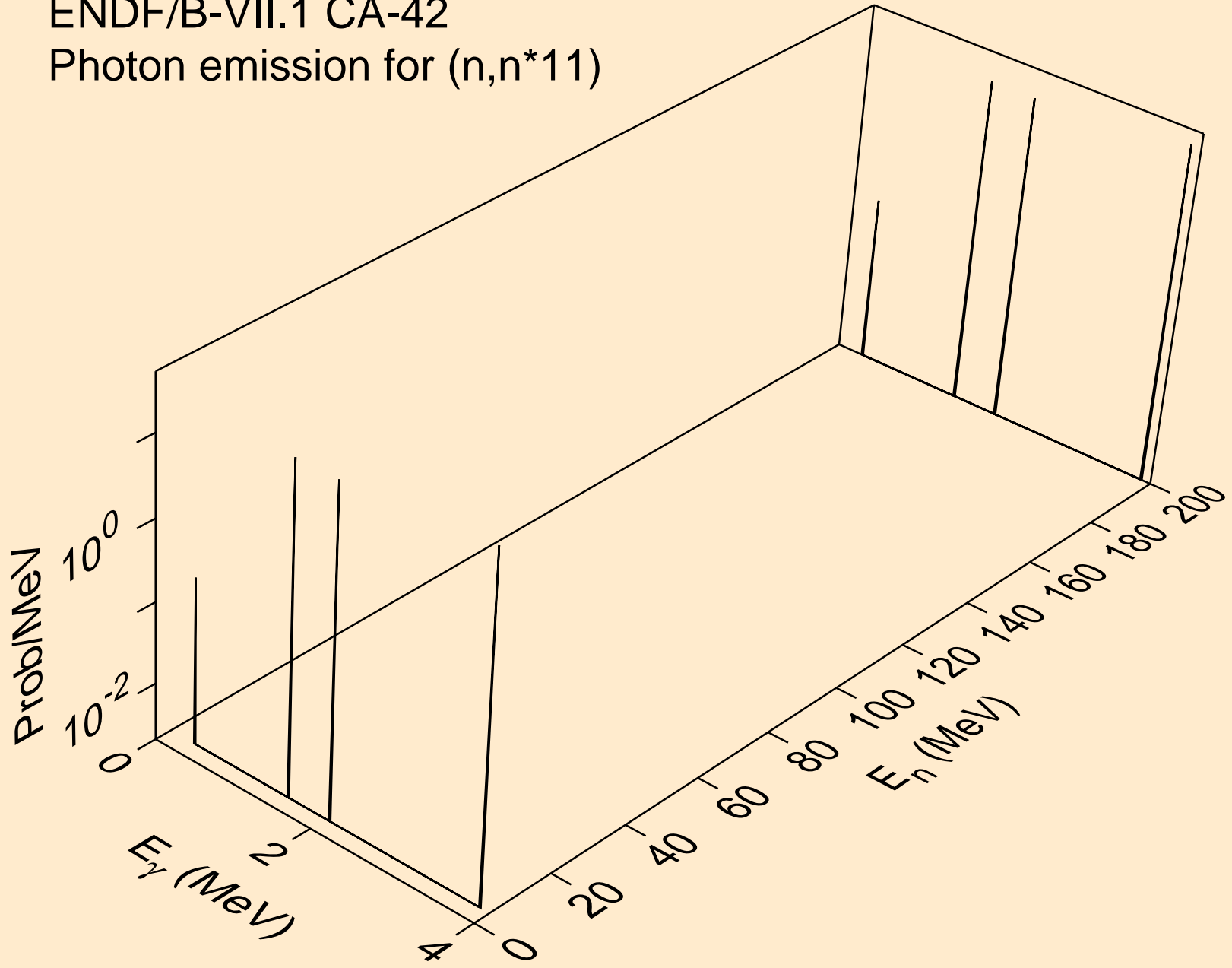
ENDF/B-VII.1 CA-42
Photon emission for (n,n*9)



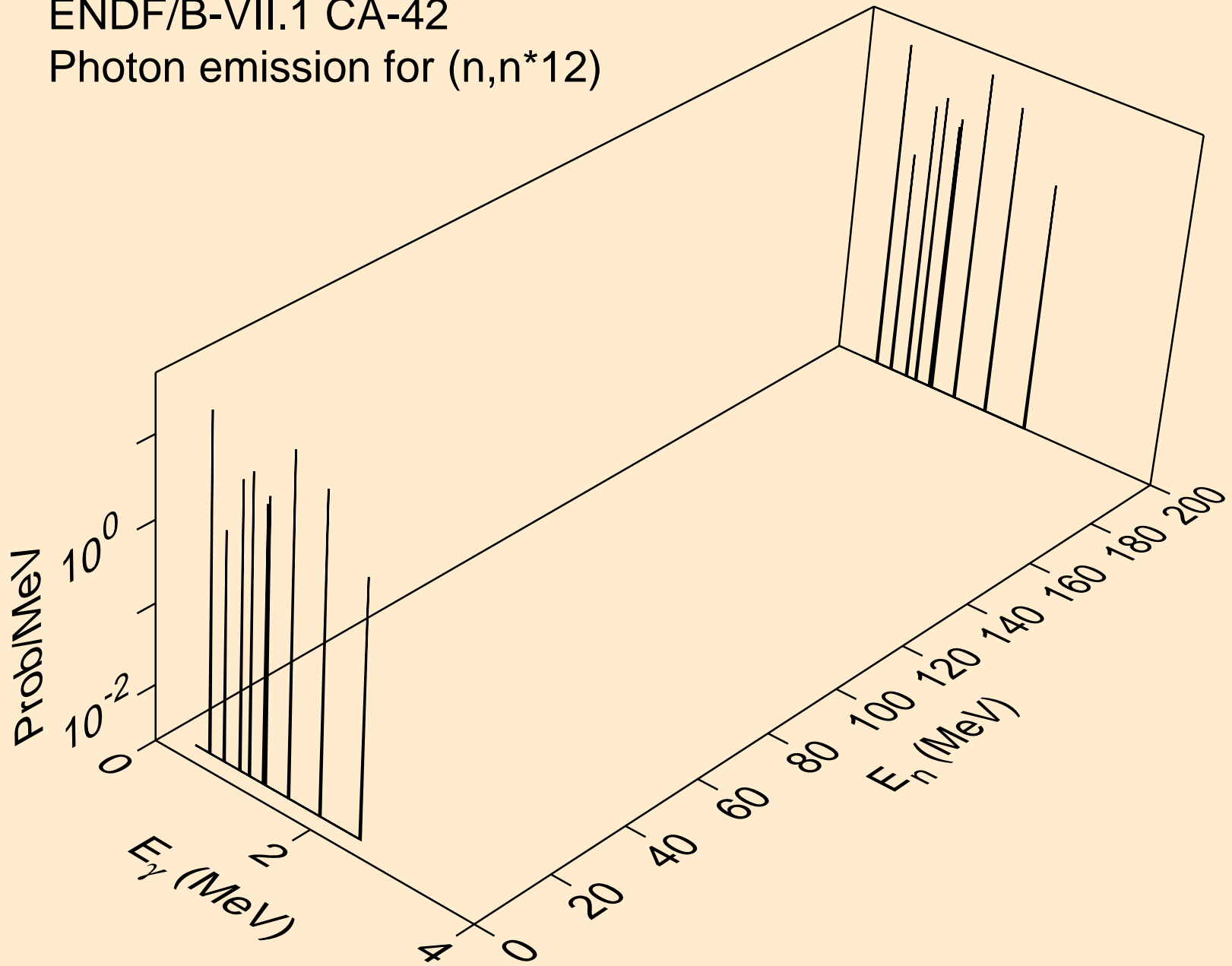
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Photon emission for (n,n*10)



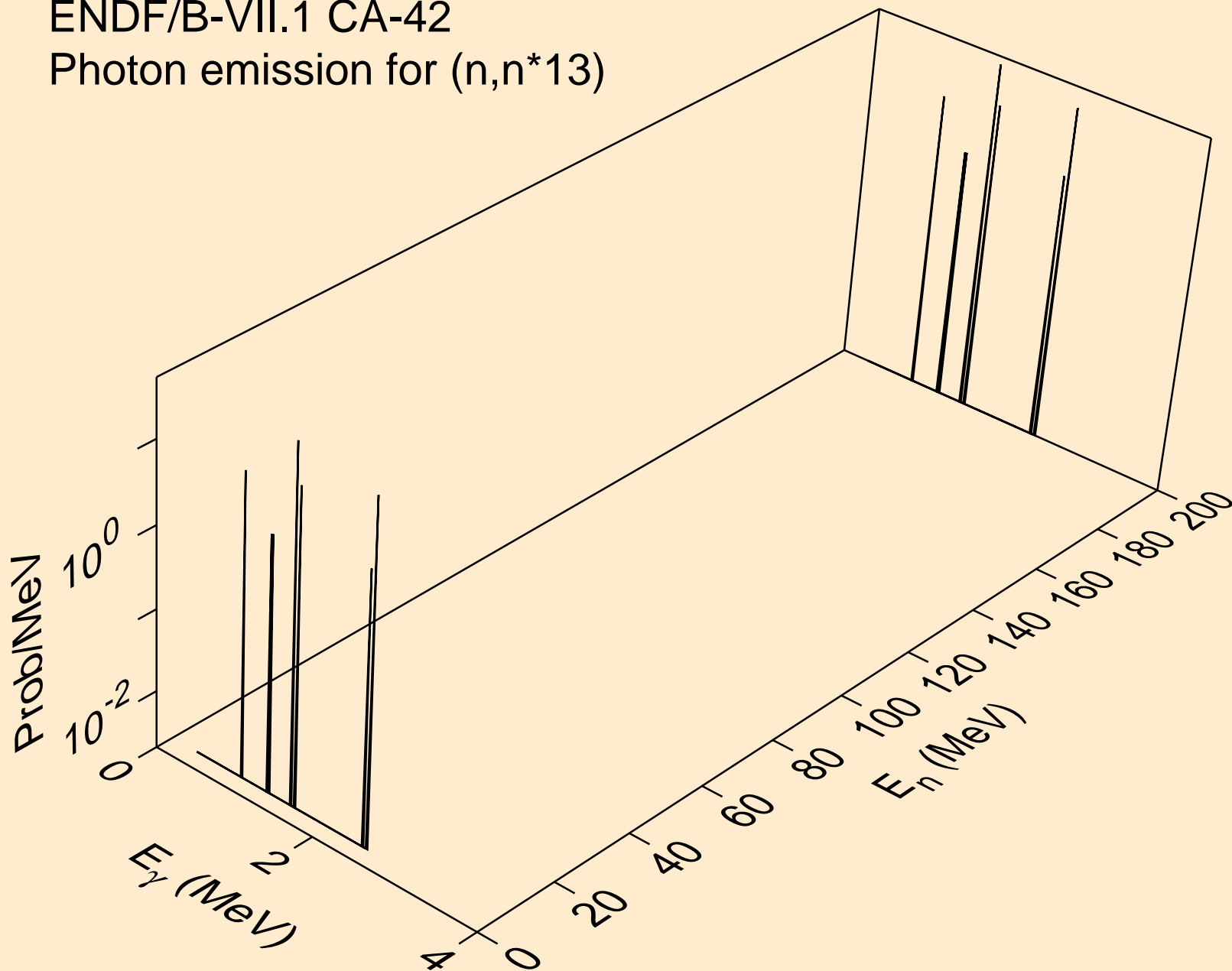
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Photon emission for (n,n*11)



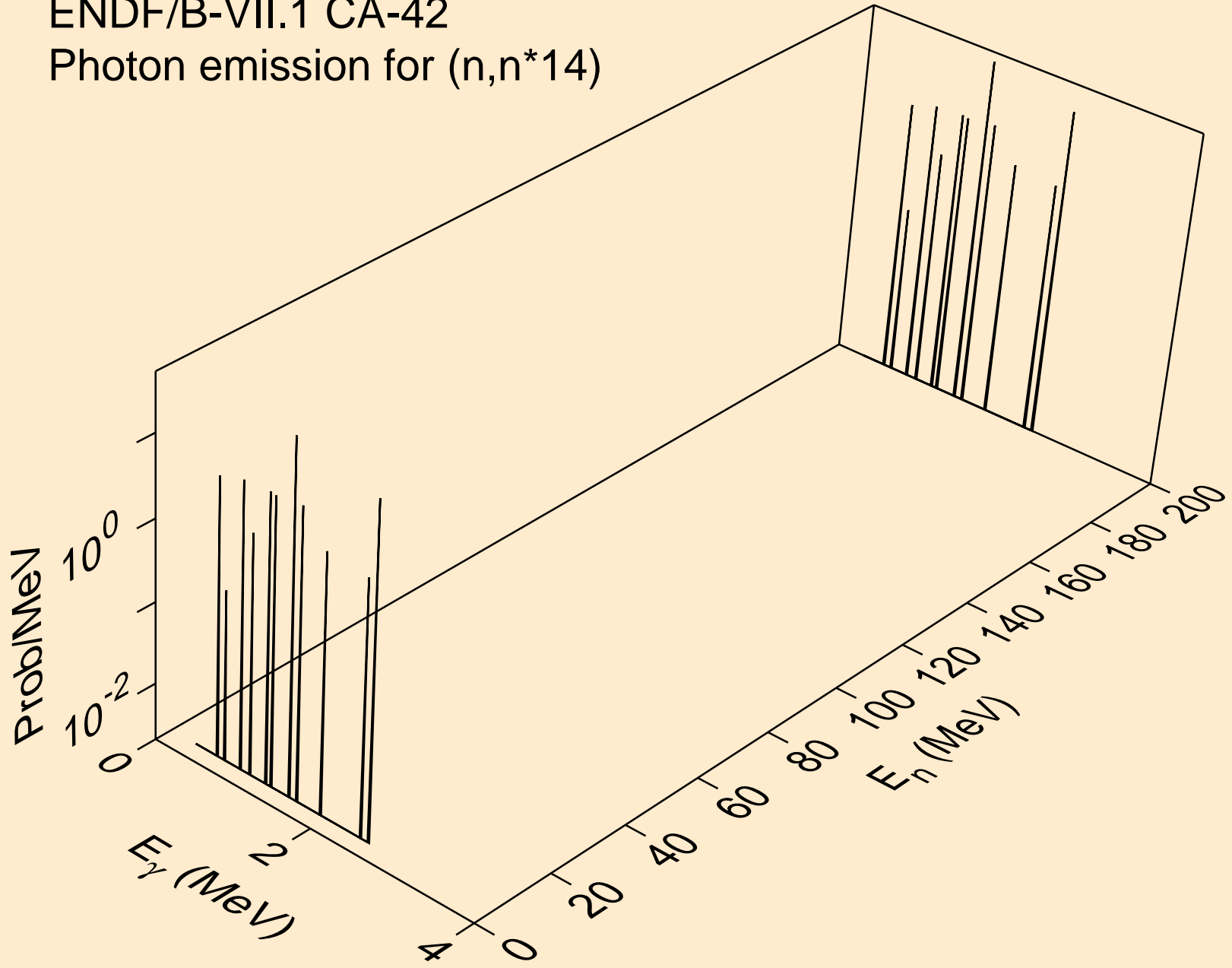
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Photon emission for (n,n*12)



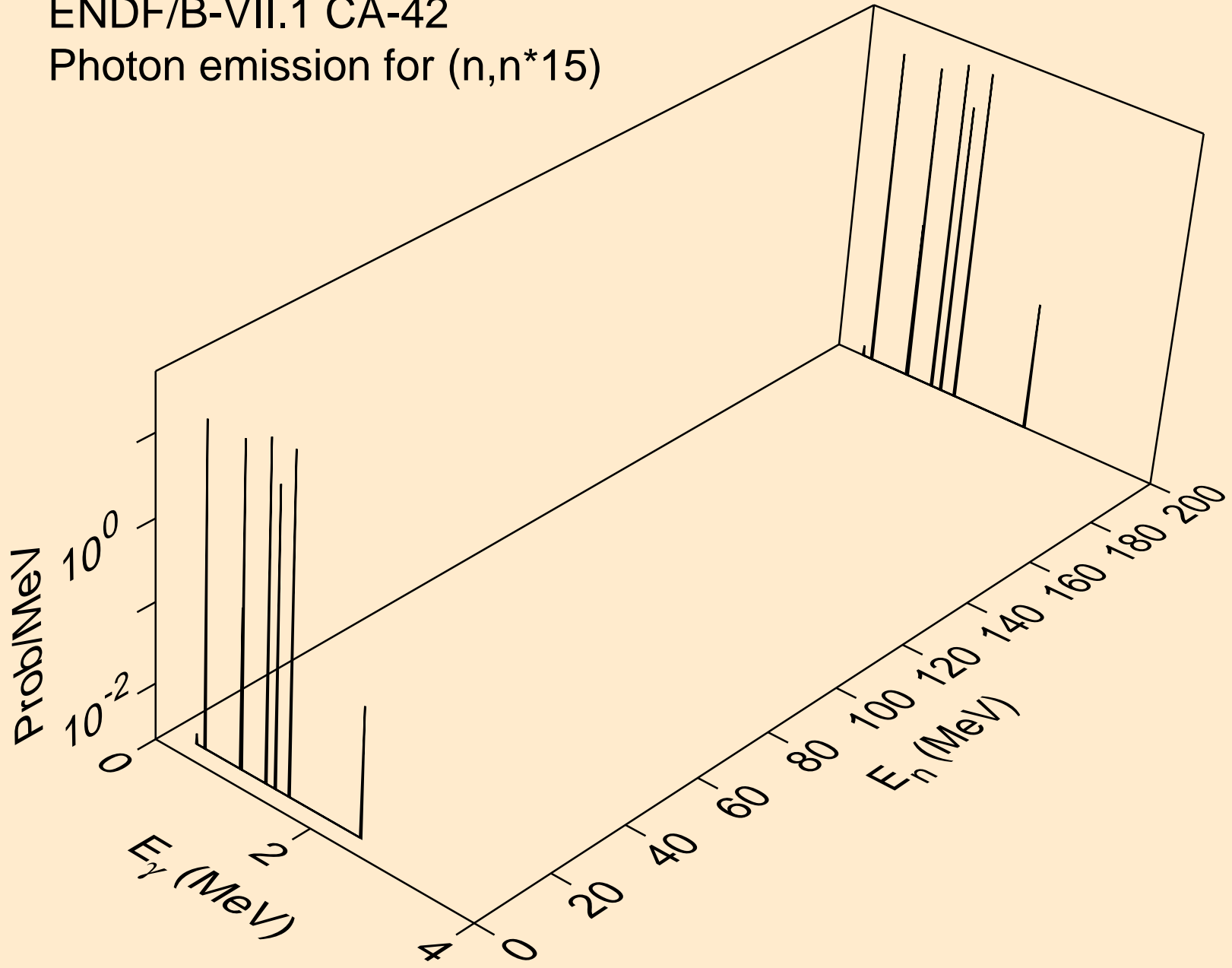
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Photon emission for (n,n*13)



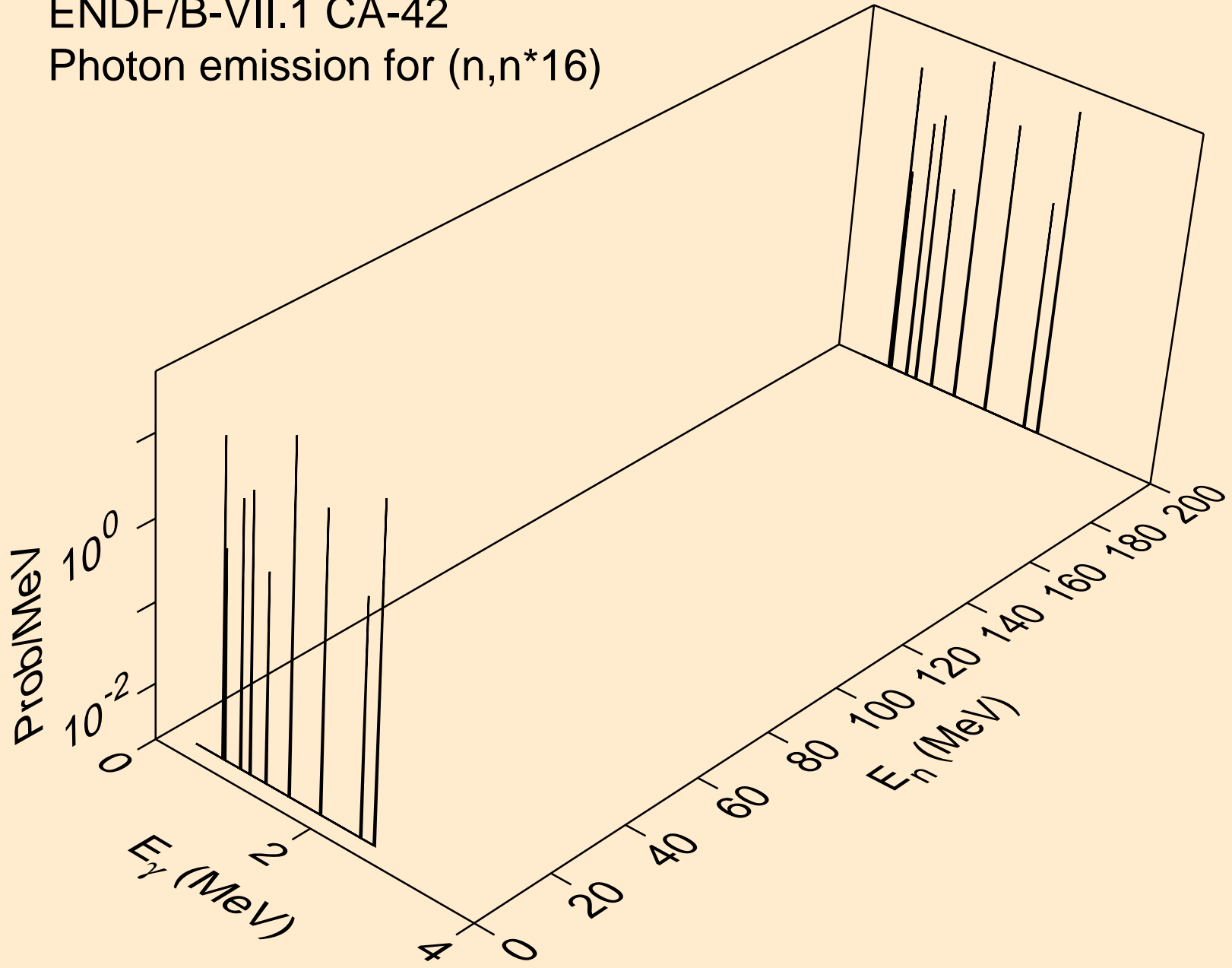
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Photon emission for (n,n*14)



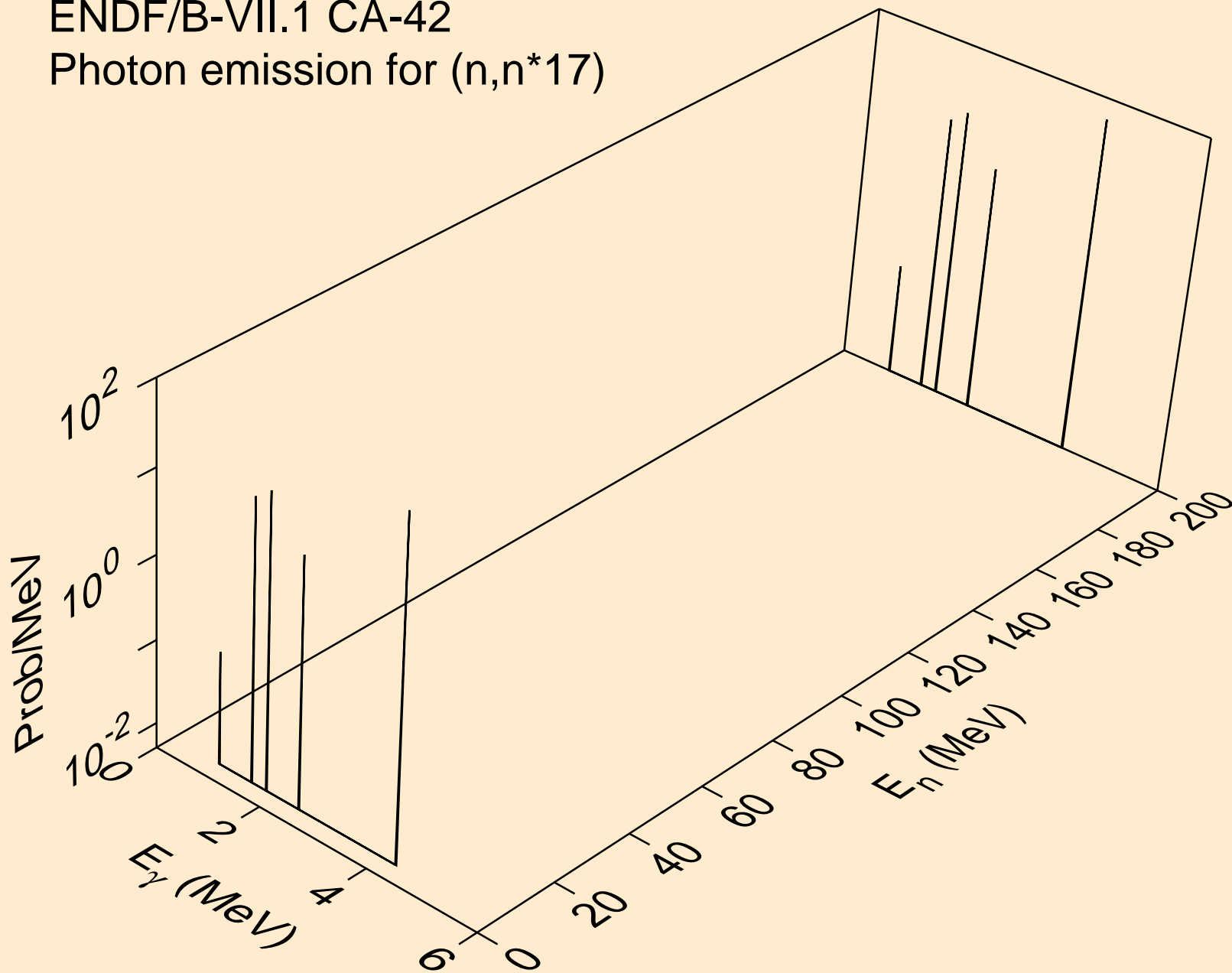
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Photon emission for (n,n*15)



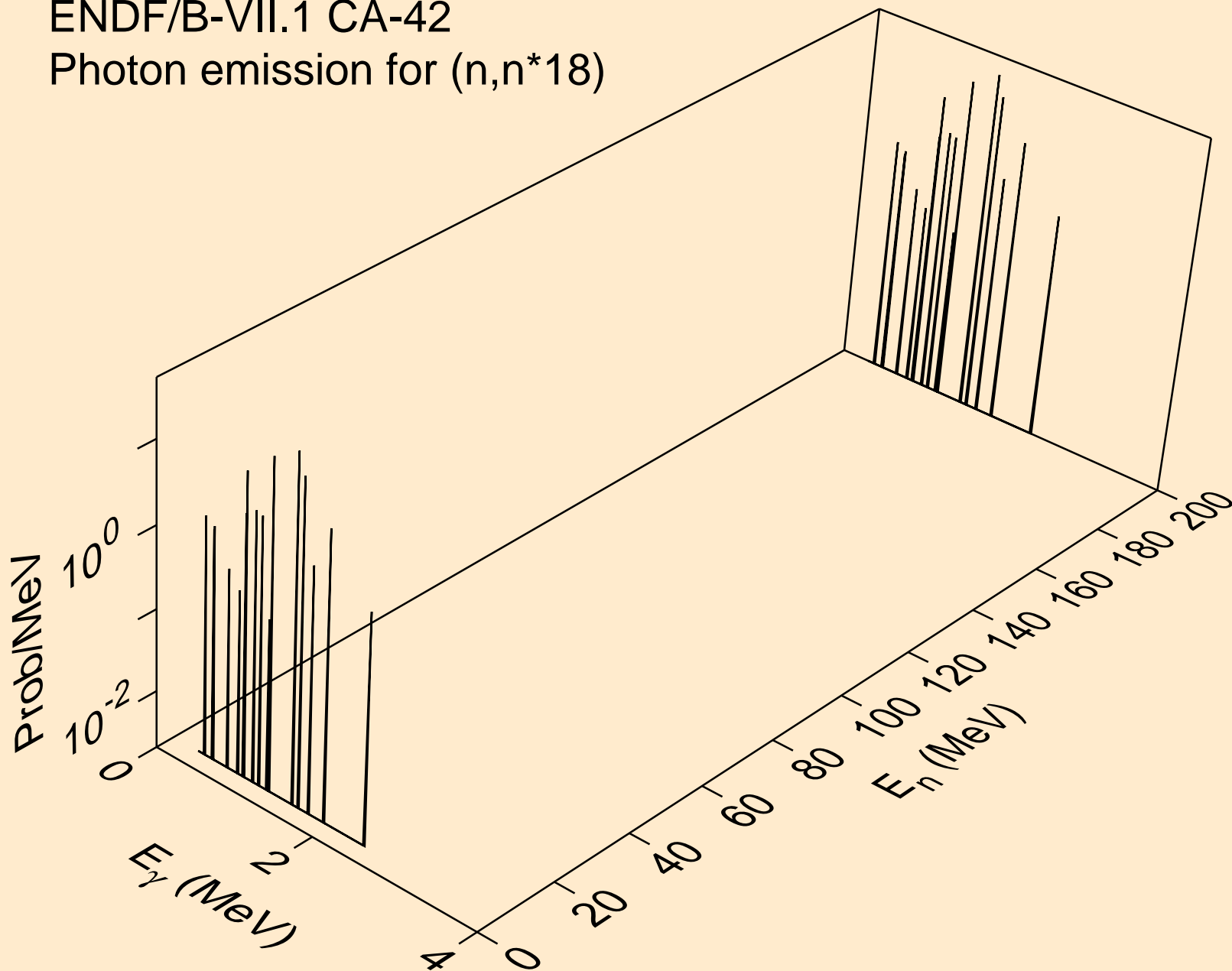
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Photon emission for (n,n*16)



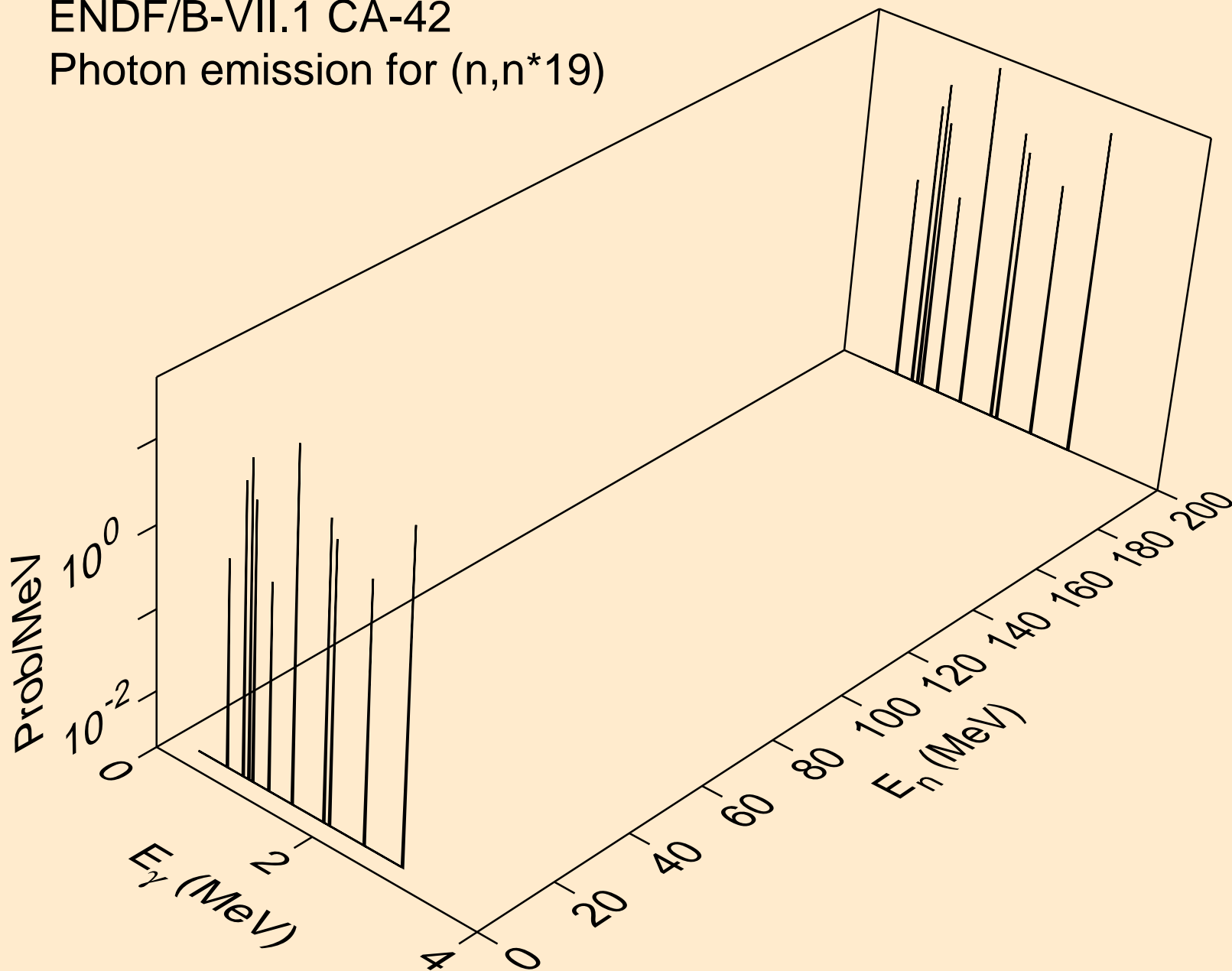
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Photon emission for (n,n*17)



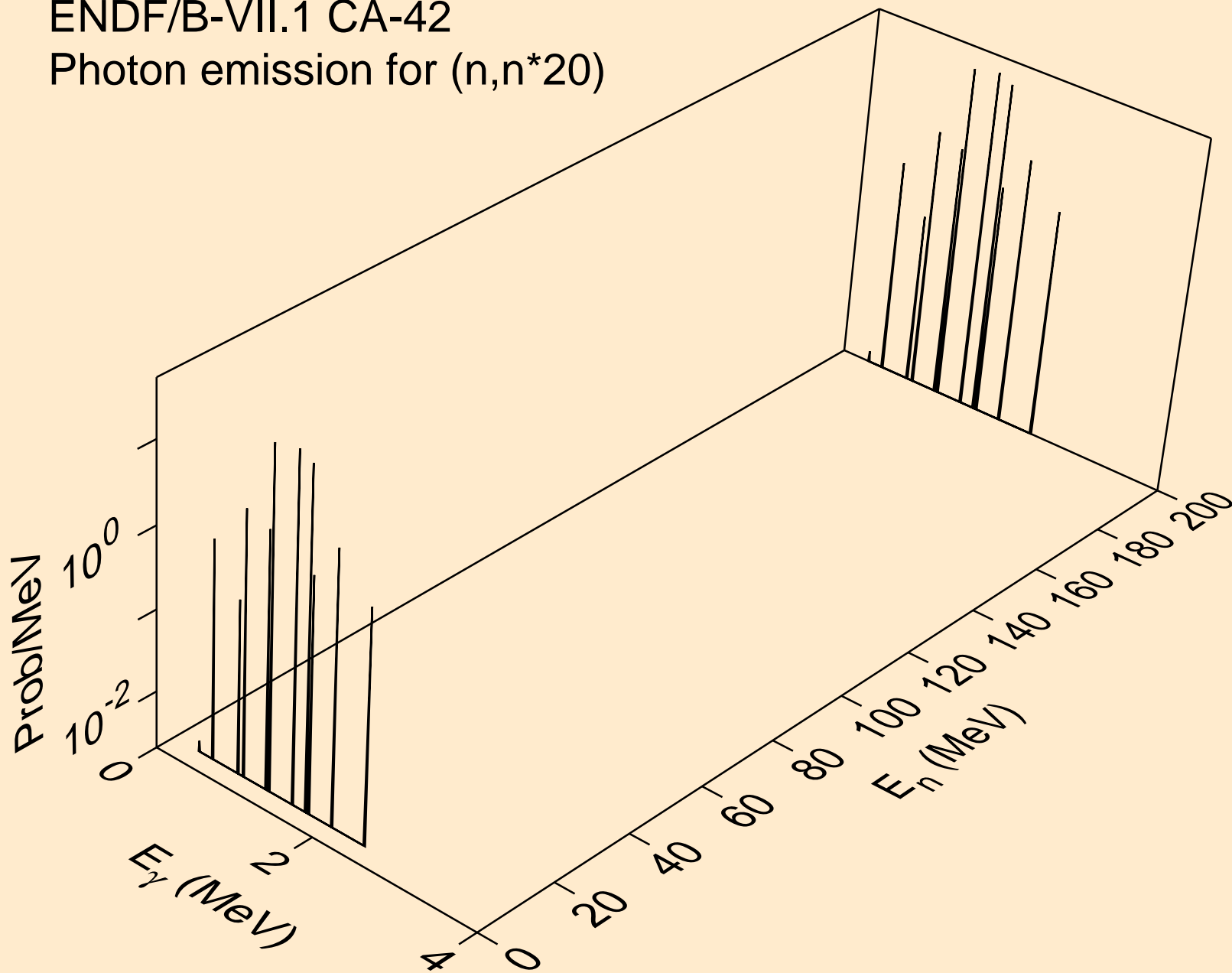
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Photon emission for (n,n*18)



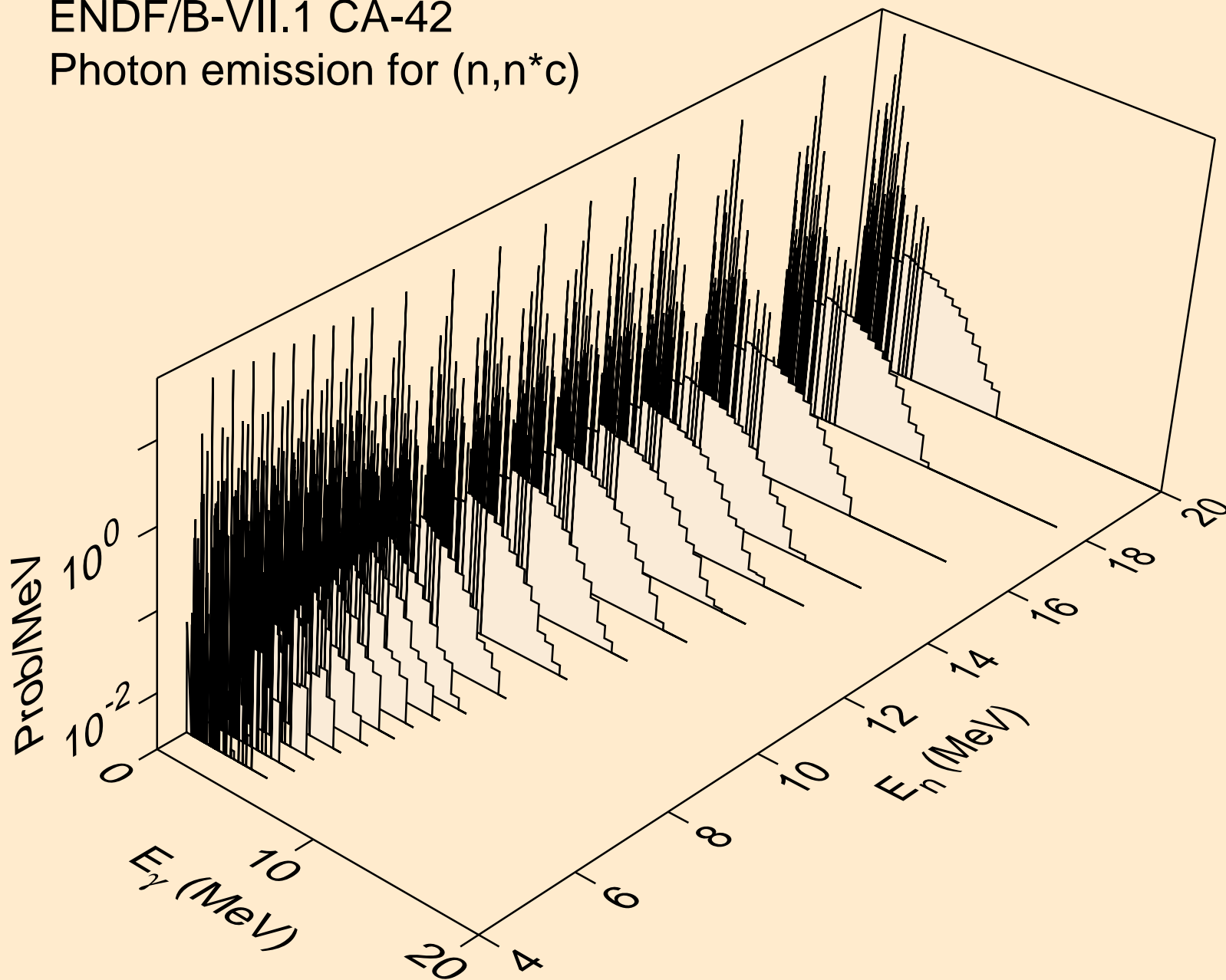
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Photon emission for (n,n*19)



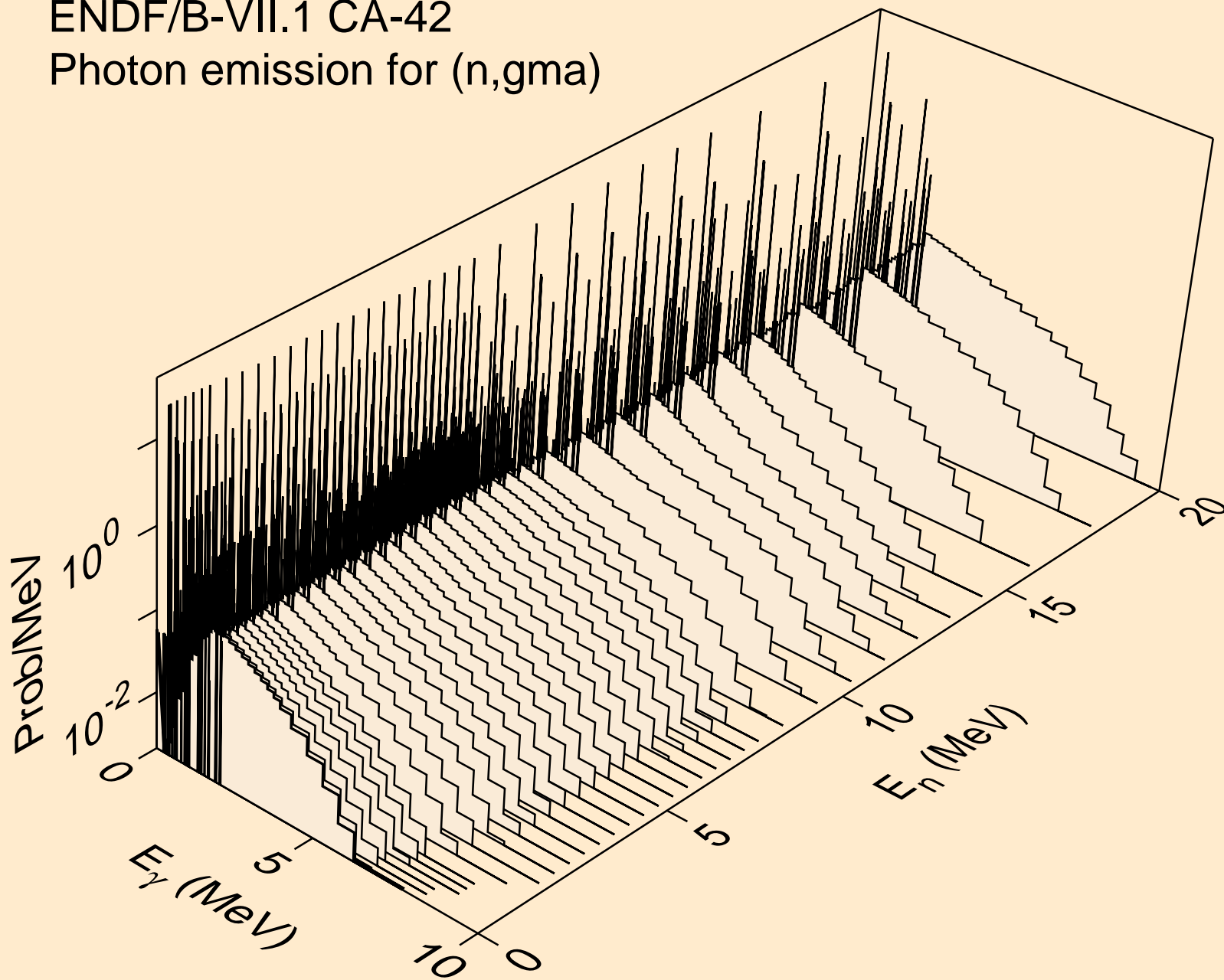
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Photon emission for (n,n*20)



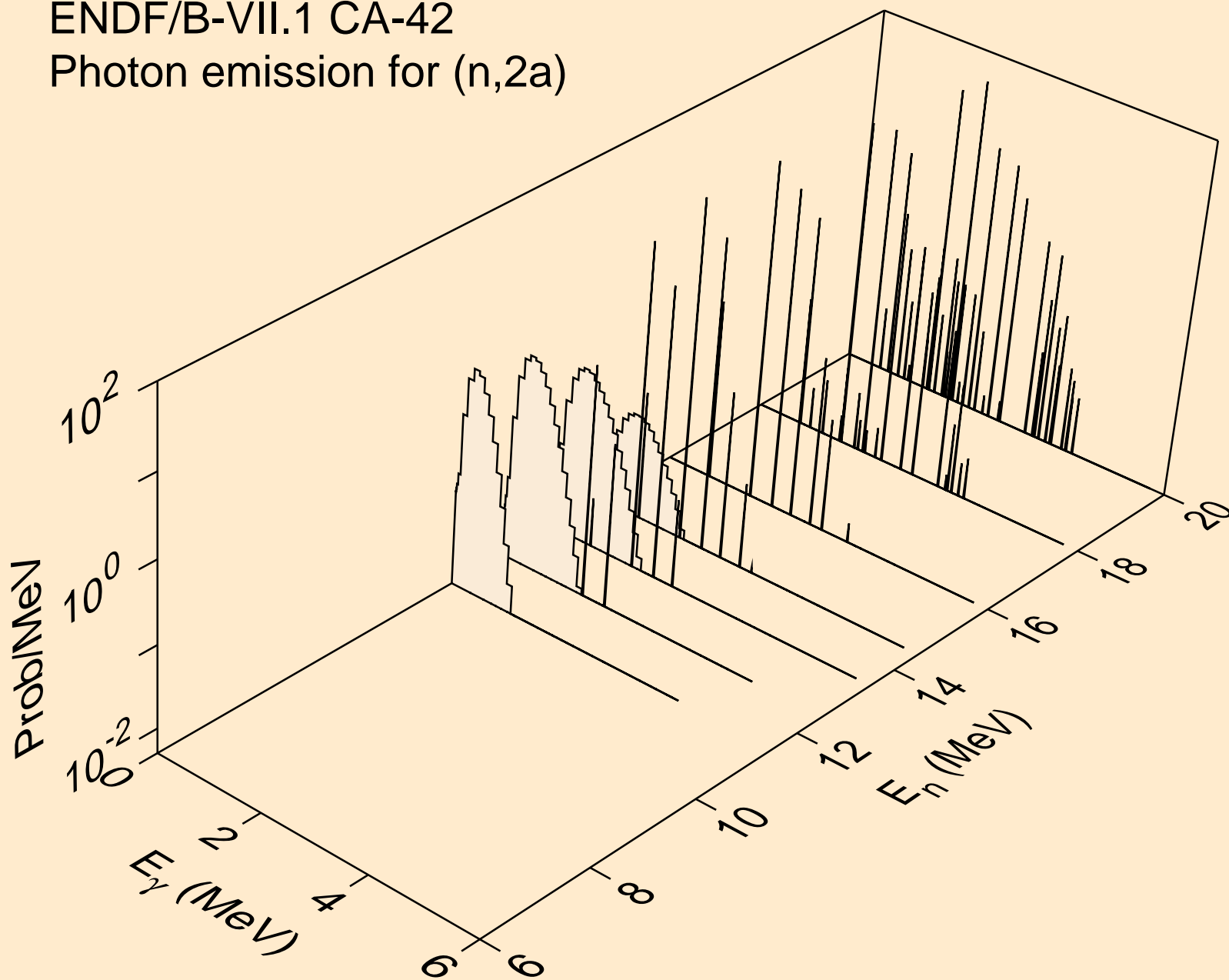
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Photon emission for (n,n*c)



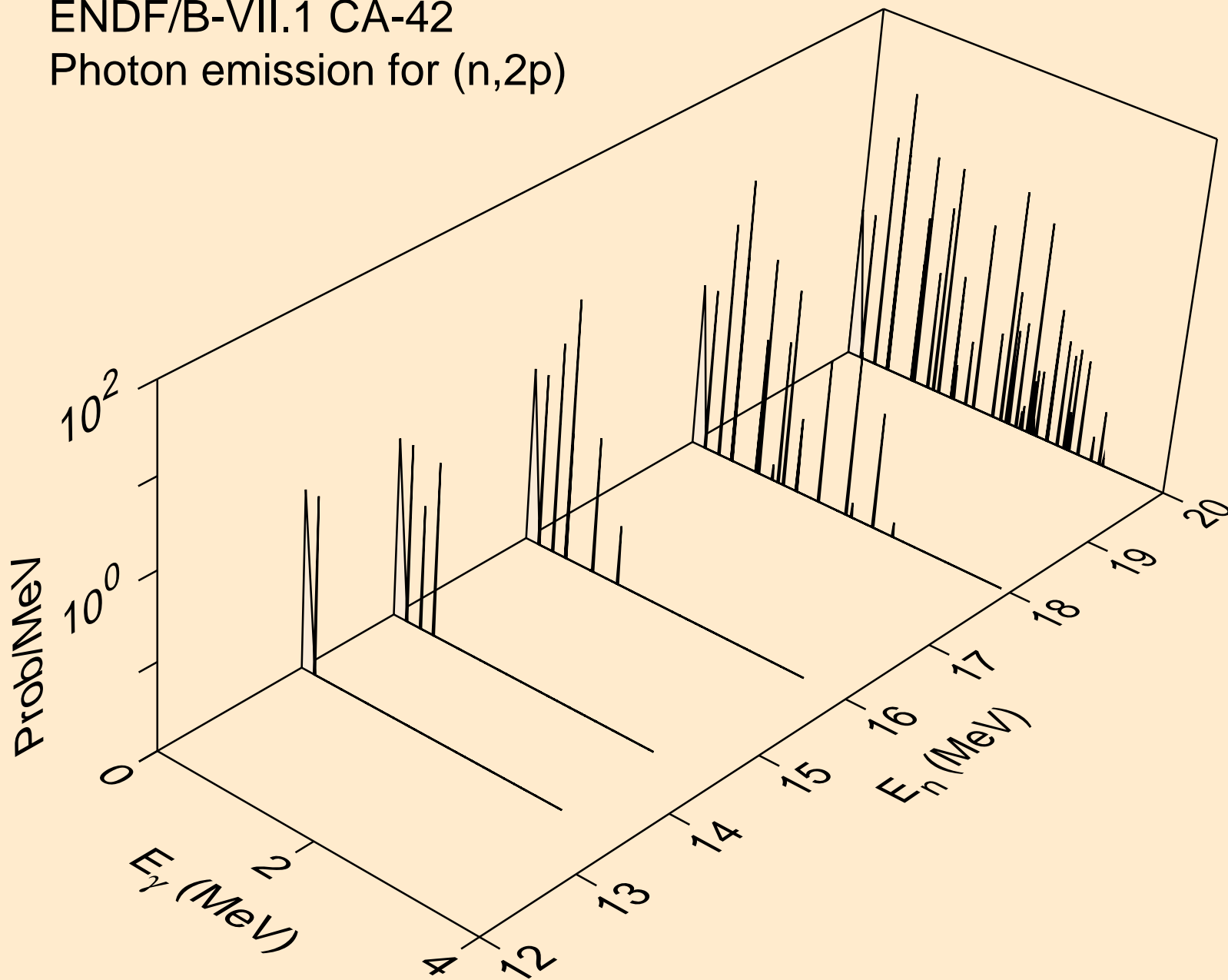
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Photon emission for (n,gma)



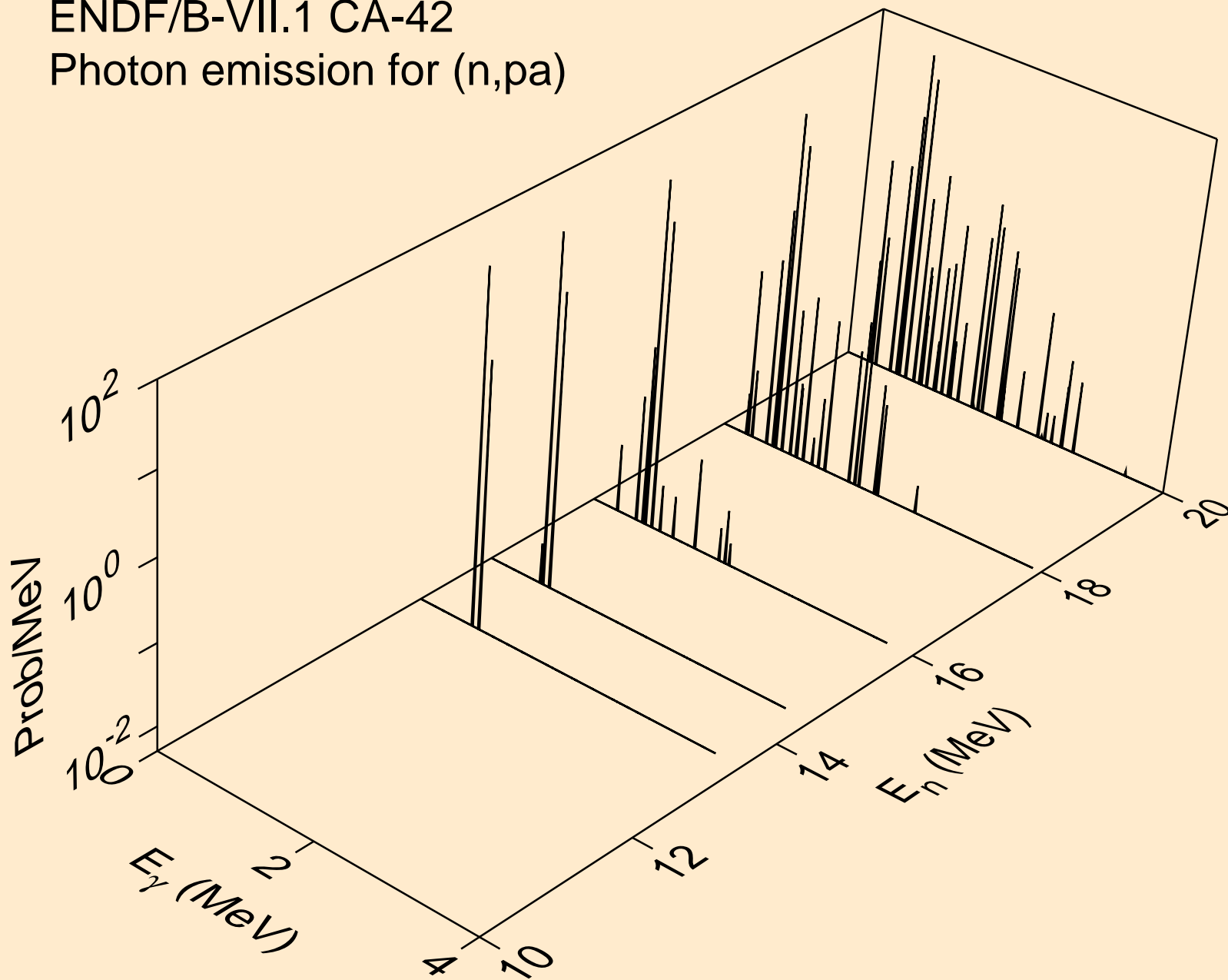
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Photon emission for (n,2a)



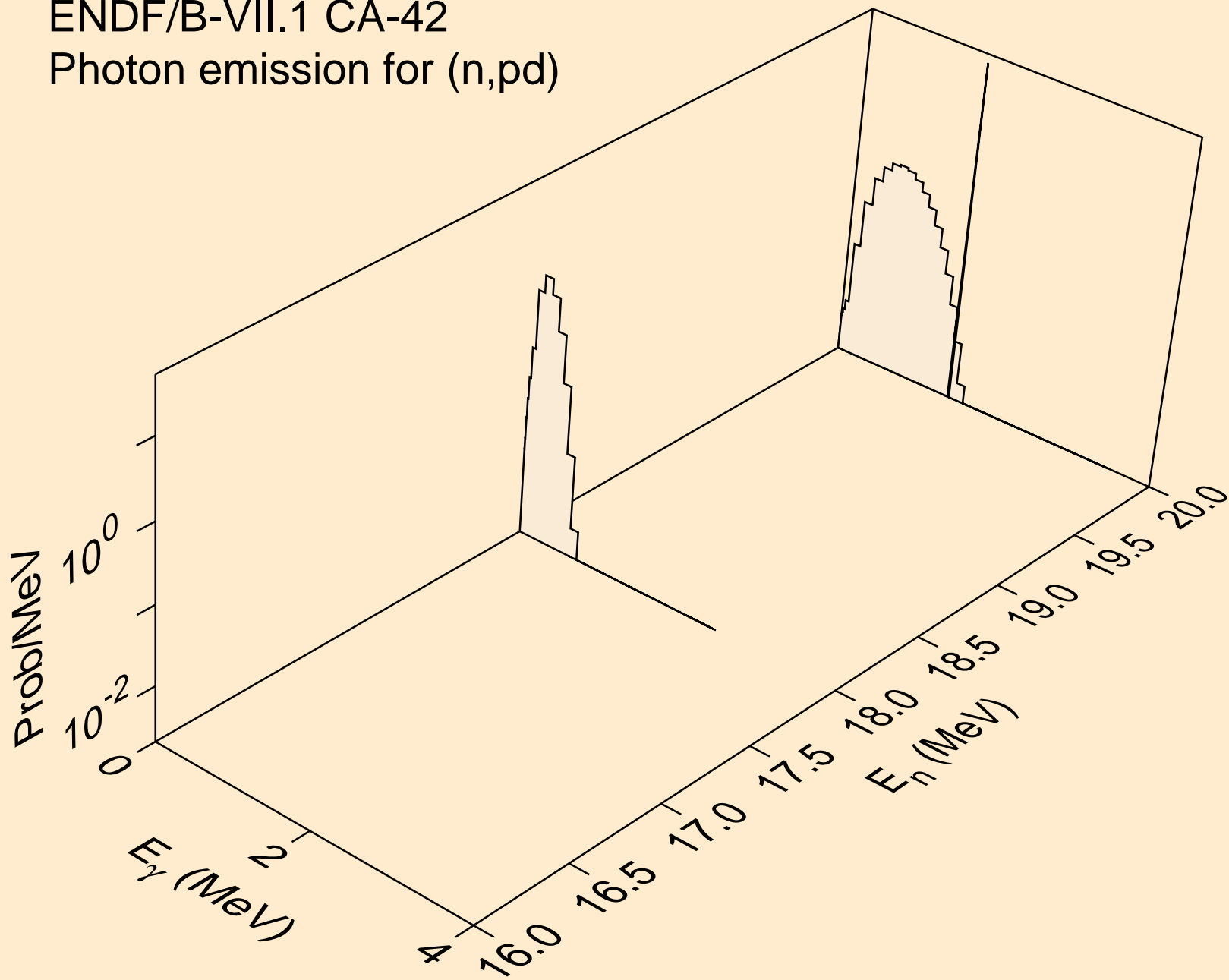
ENDF/B-VII.1 CA-42
Photon emission for (n,2p)



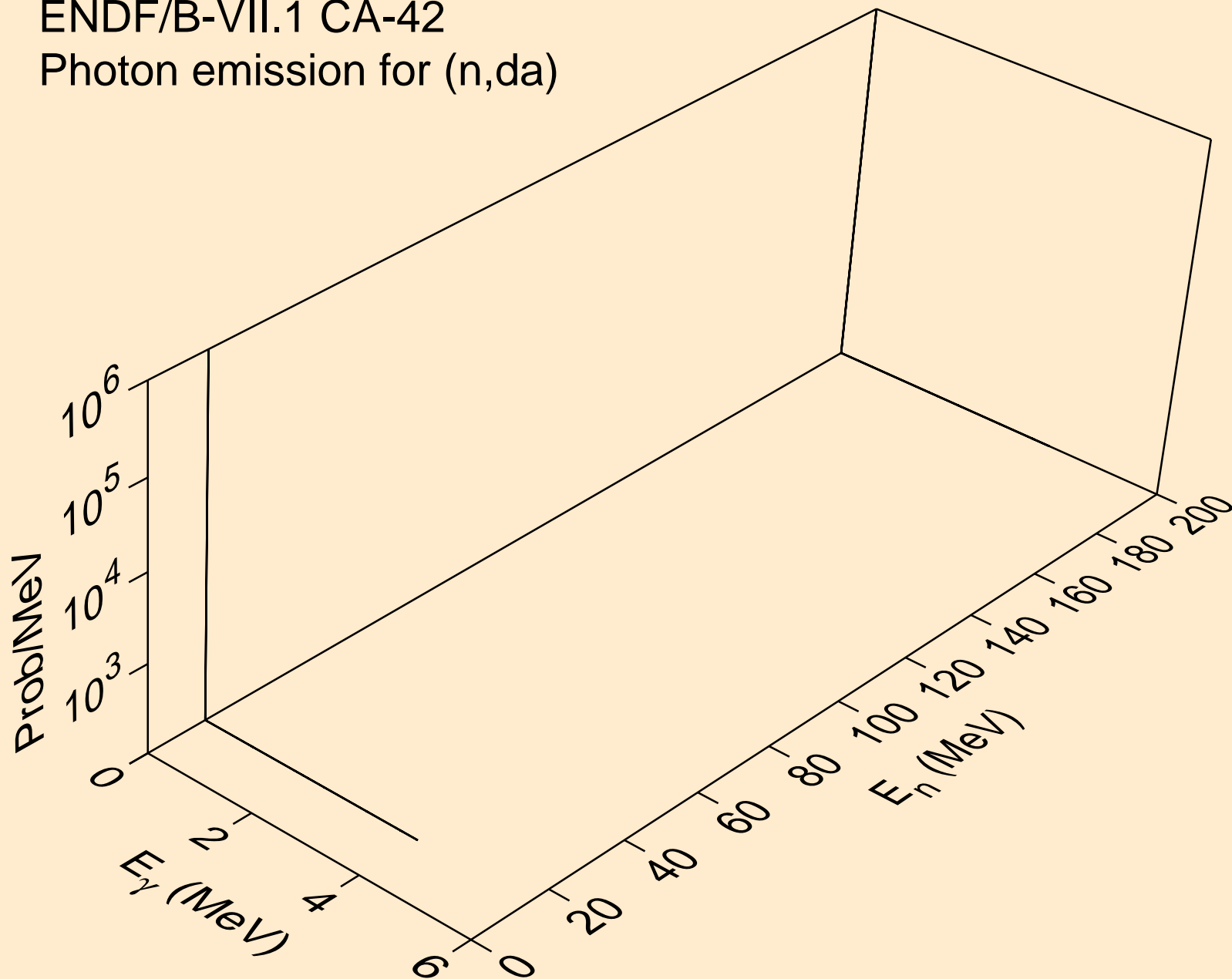
ENDF/B-VII.1 CA-42
Photon emission for (n,pa)



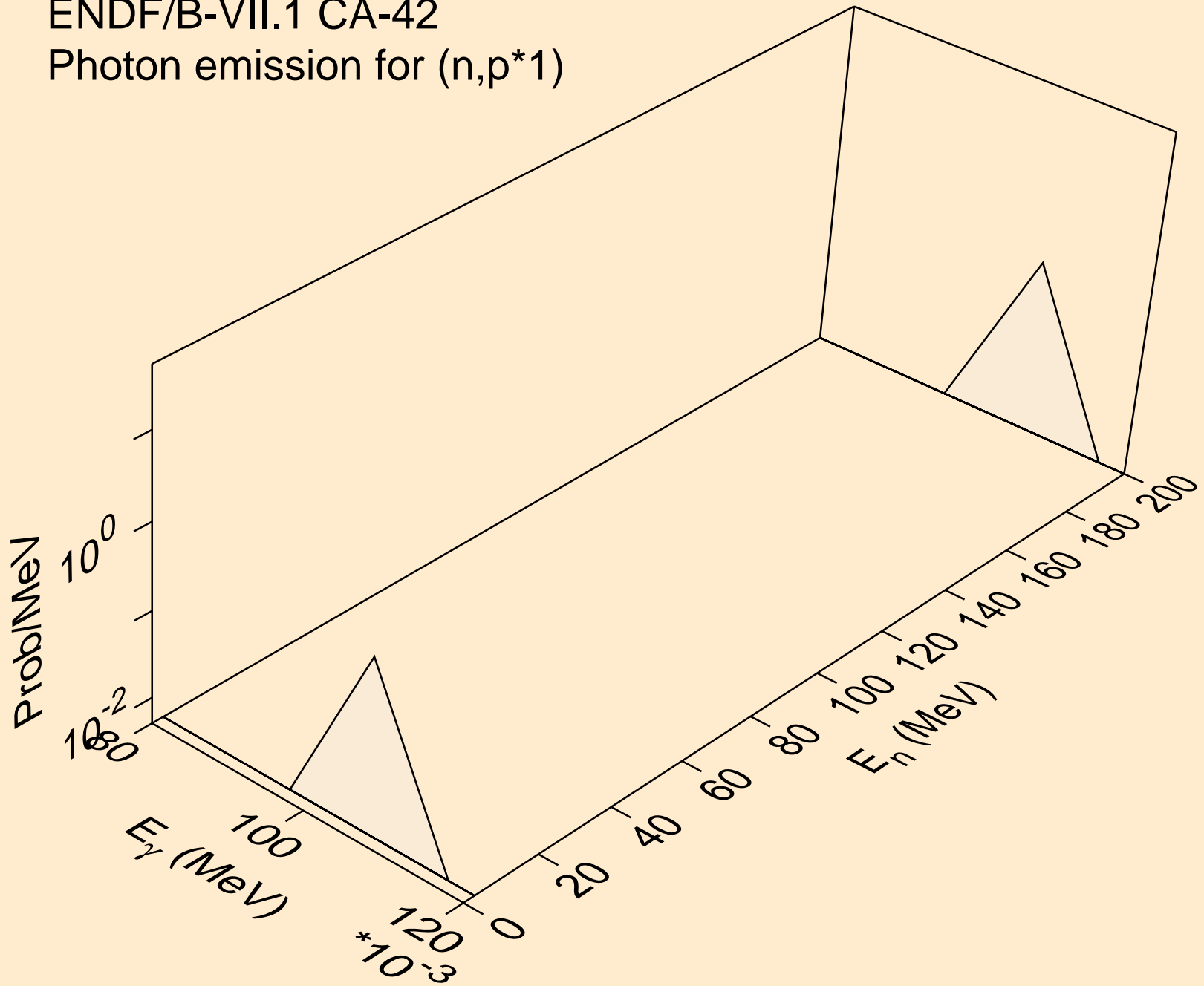
ENDF/B-VII.1 CA-42
Photon emission for (n,pd)



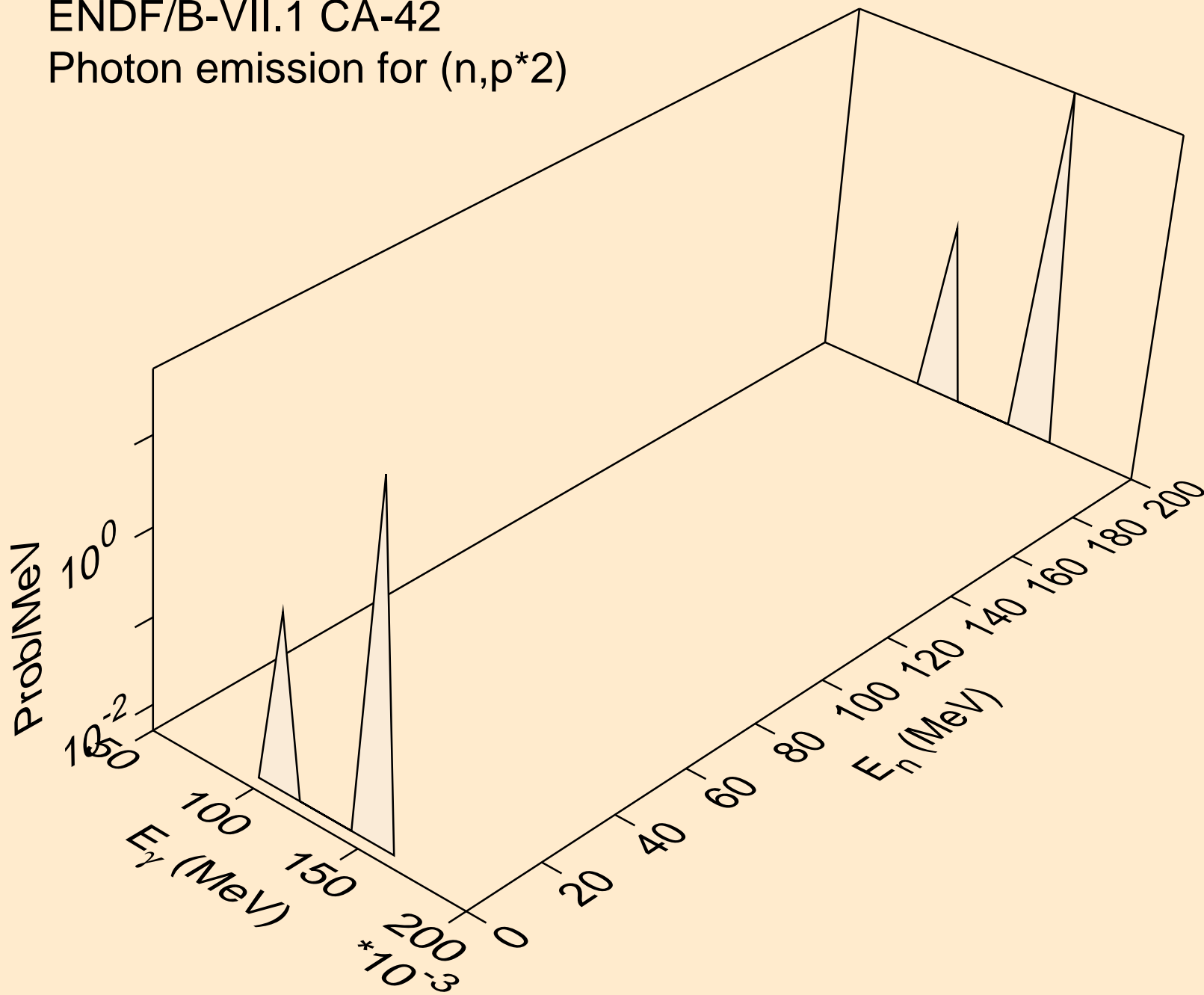
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Photon emission for (n,da)



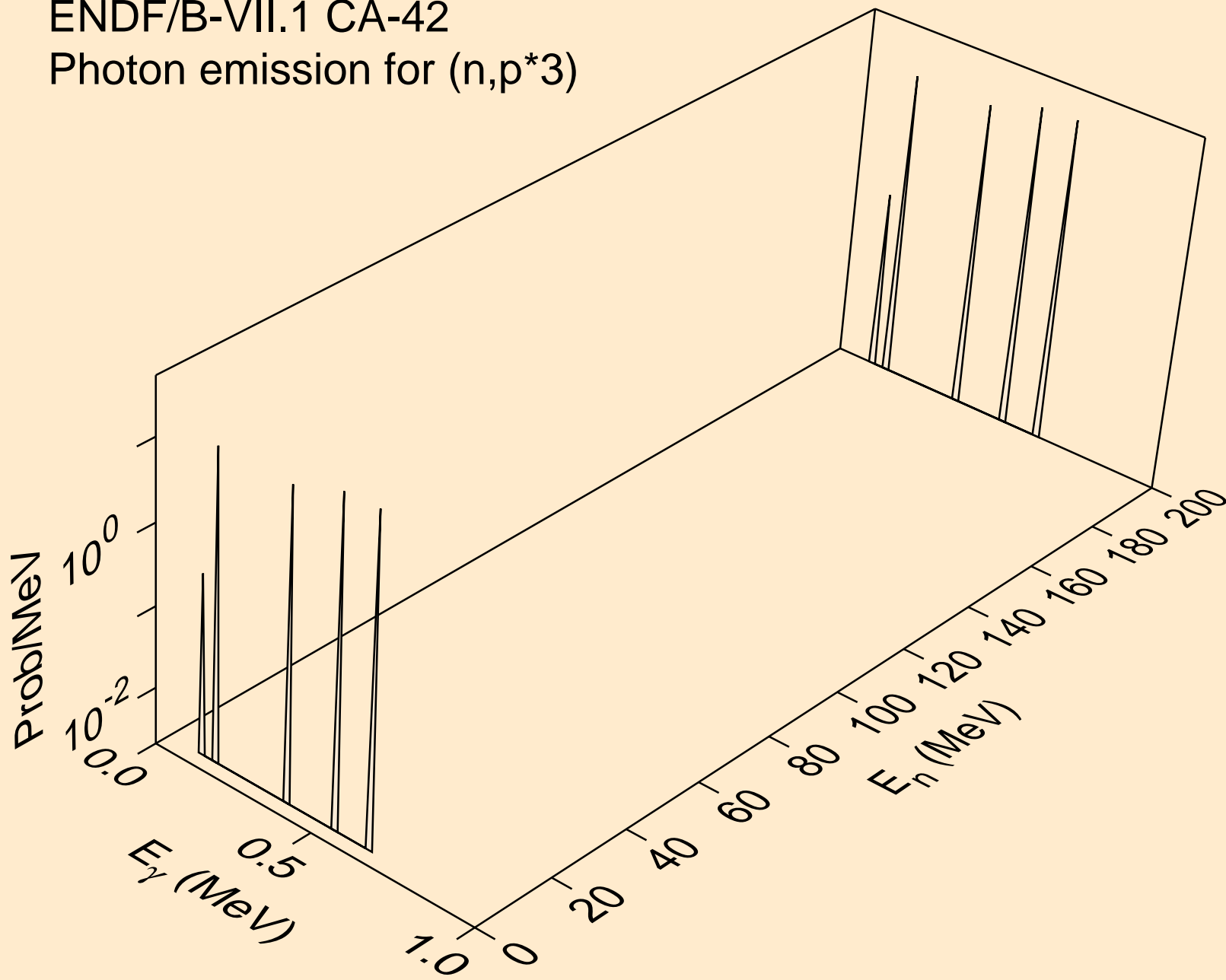
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Photon emission for (n,p*1)



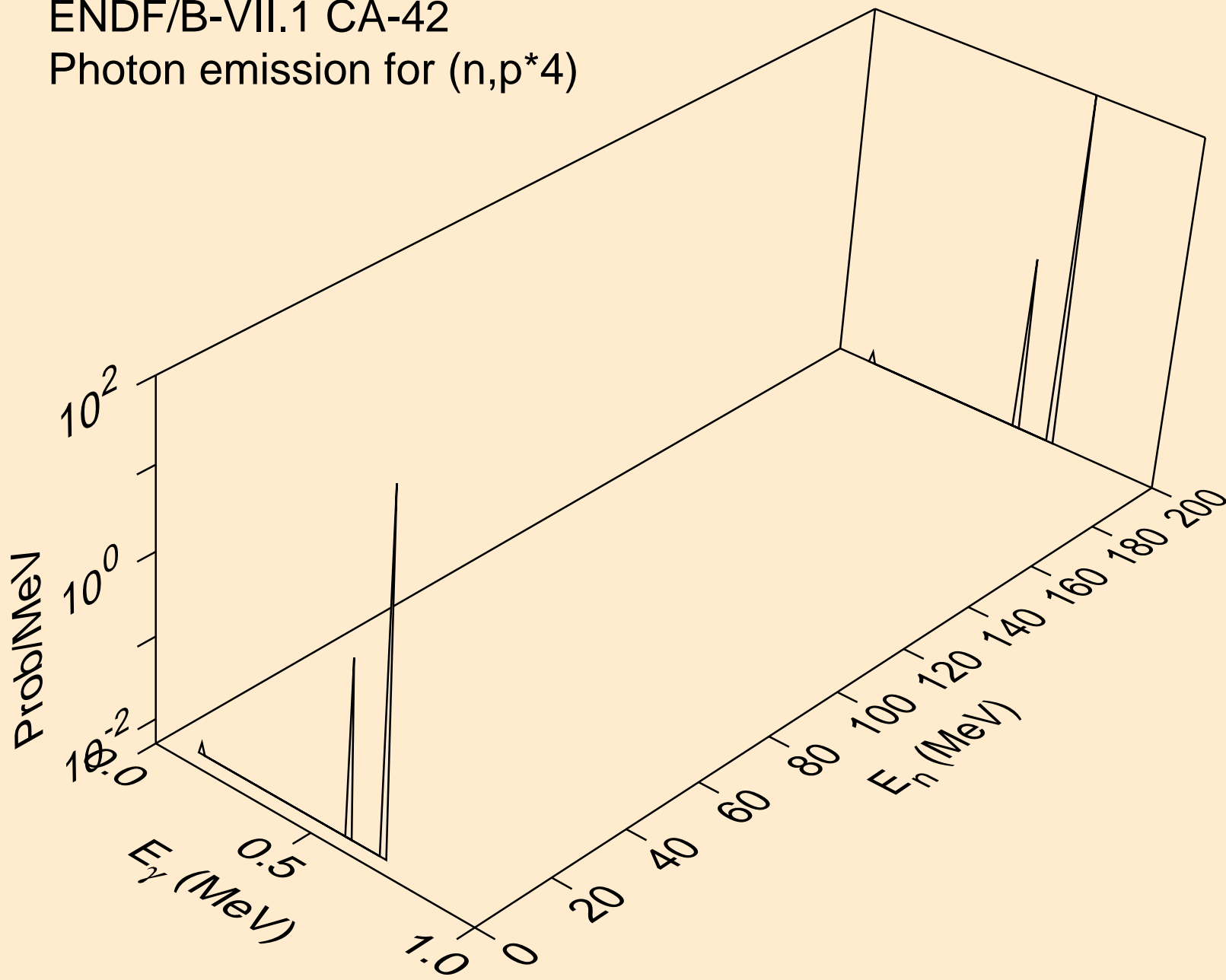
ENDF/B-VII.1 CA-42
Photon emission for (n,p*2)



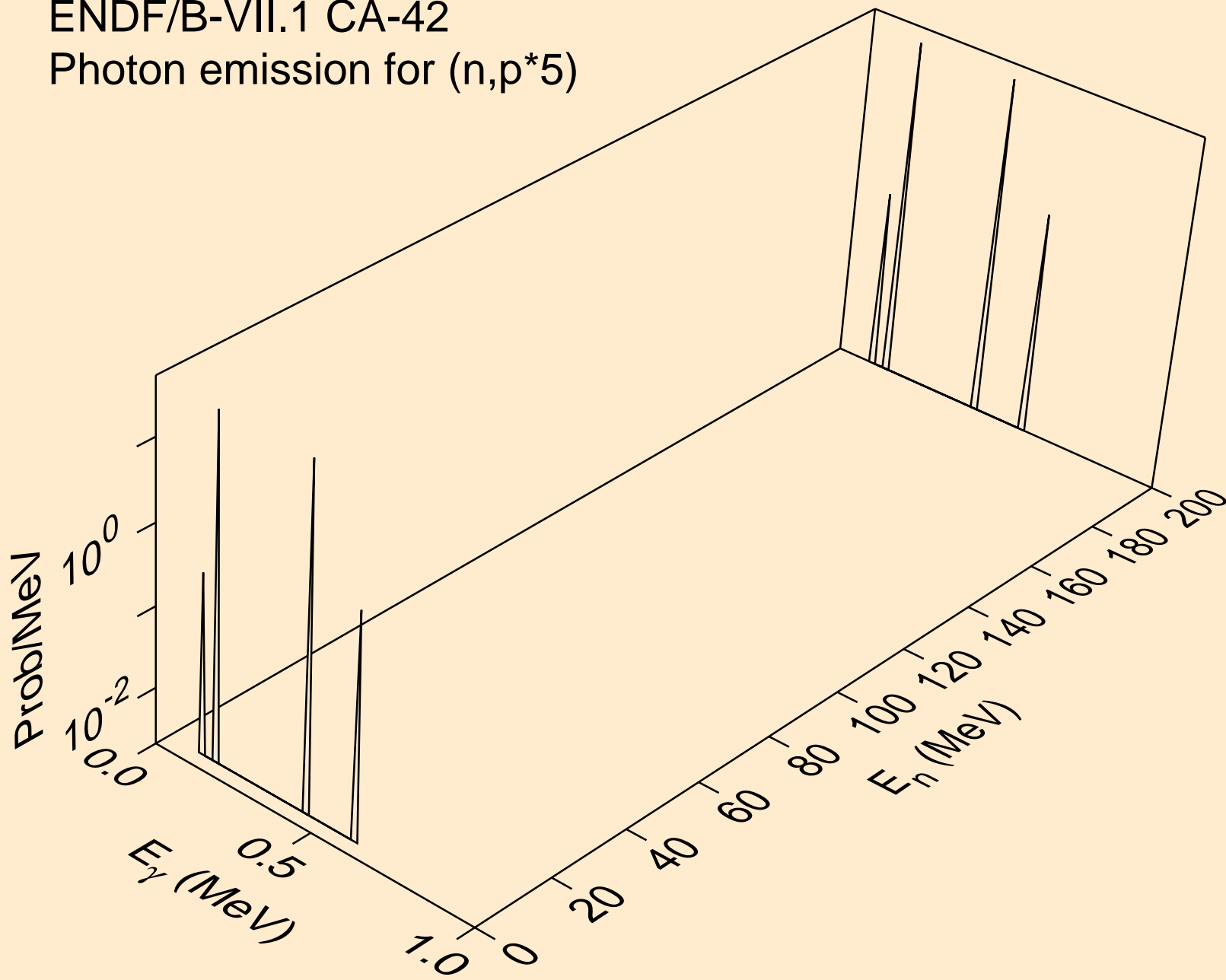
ENDF/B-VII.1 CA-42
Photon emission for (n,p*3)



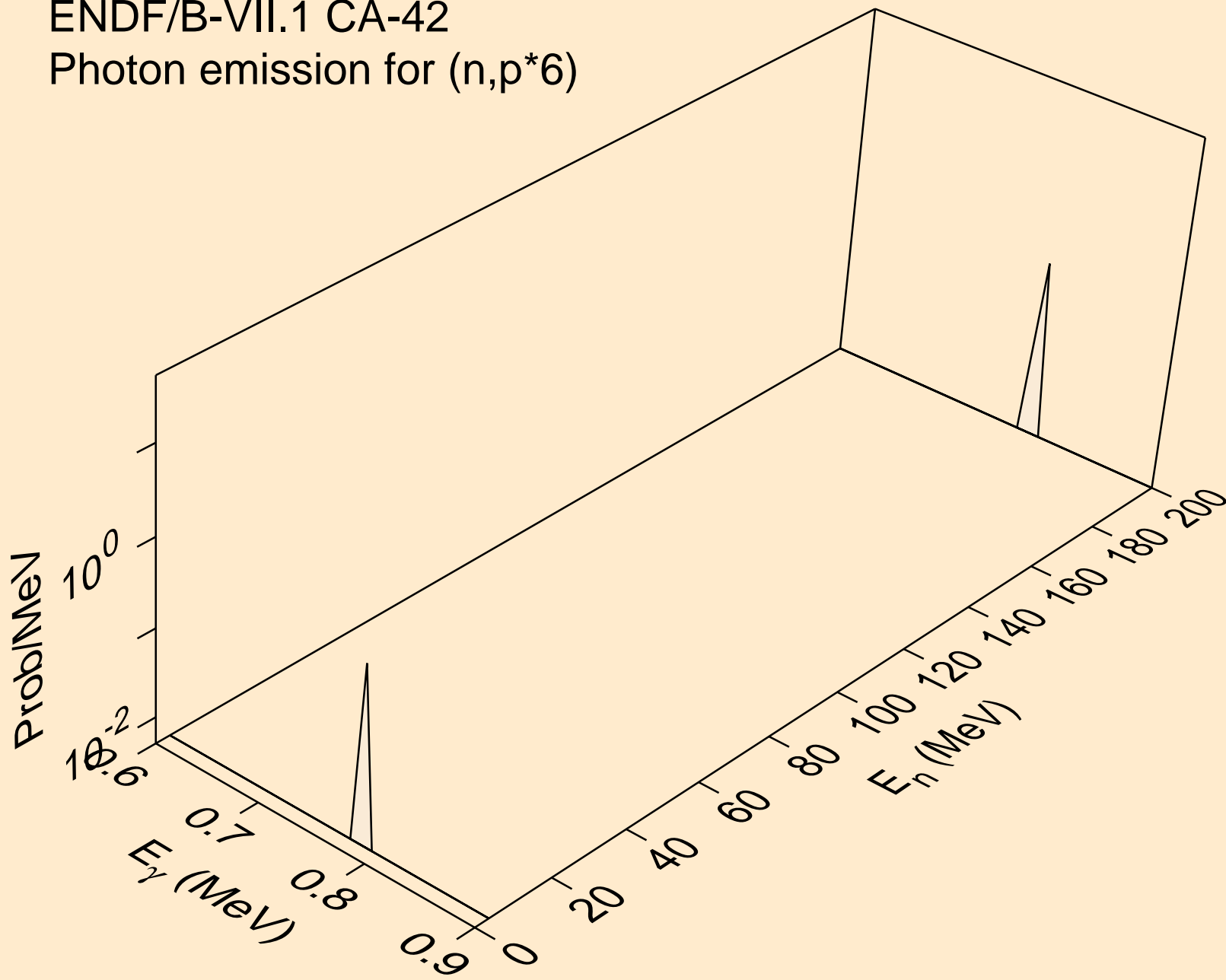
ENDF/B-VII.1 CA-42
Photon emission for (n,p*4)



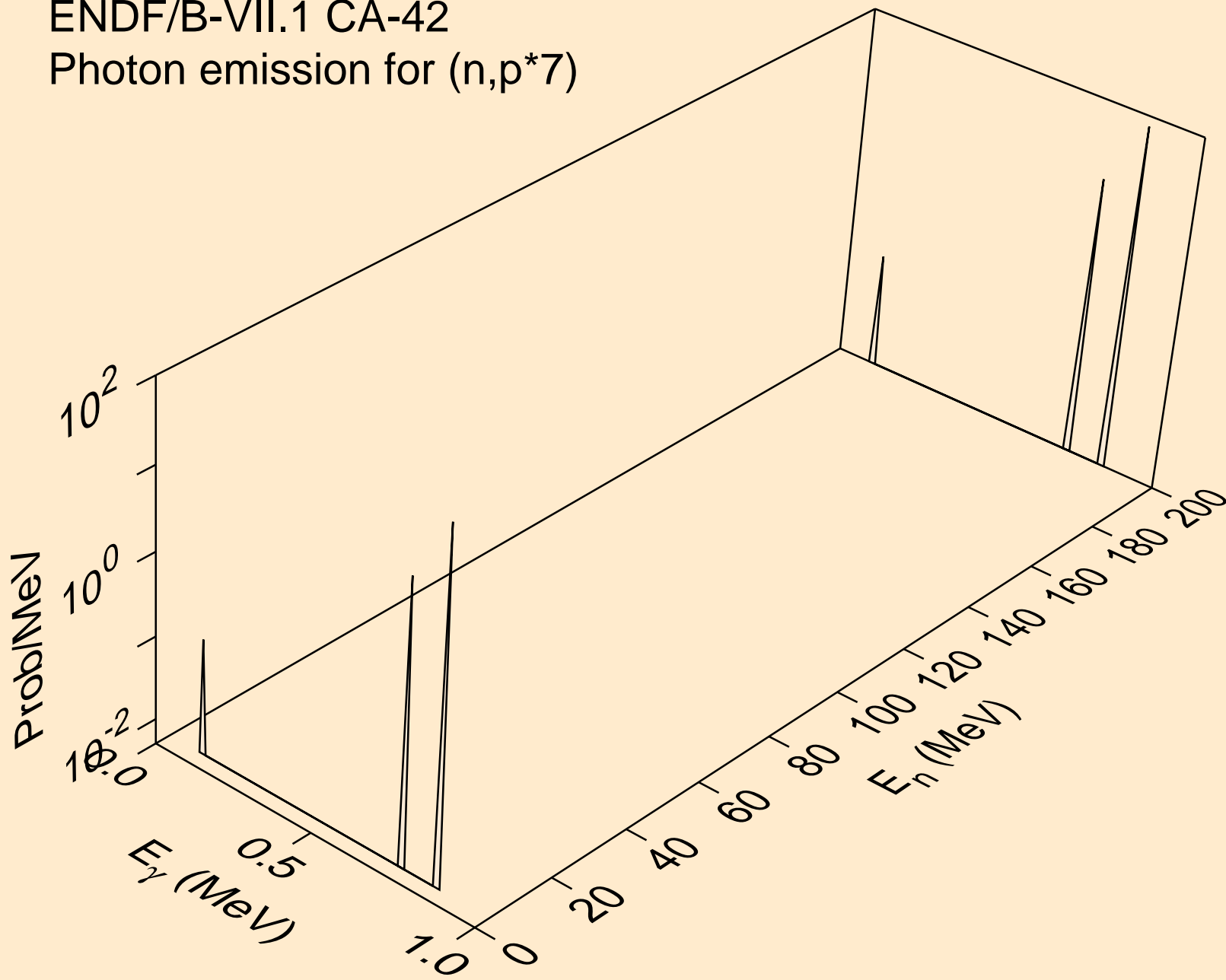
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Photon emission for (n,p*5)



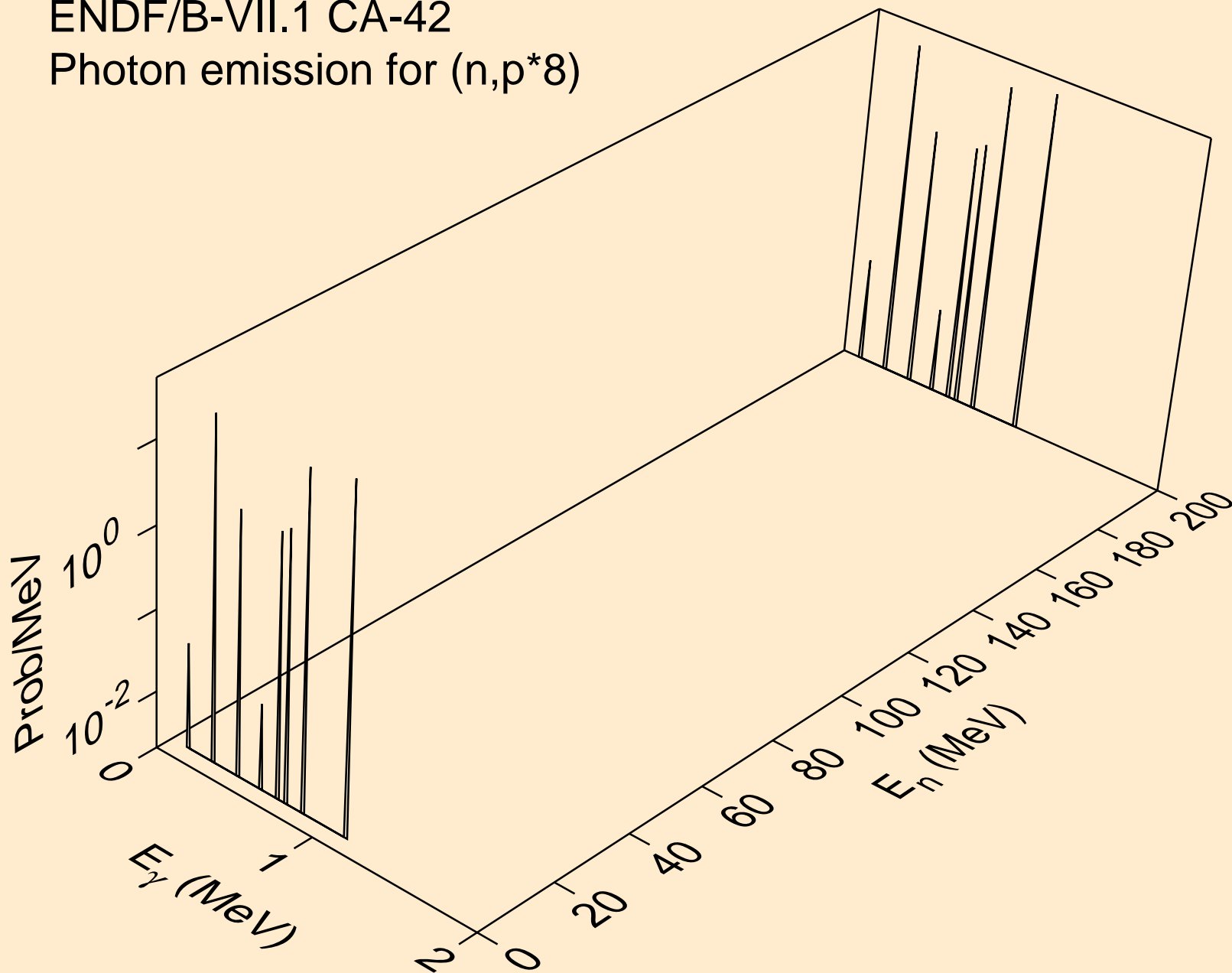
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Photon emission for (n,p*6)



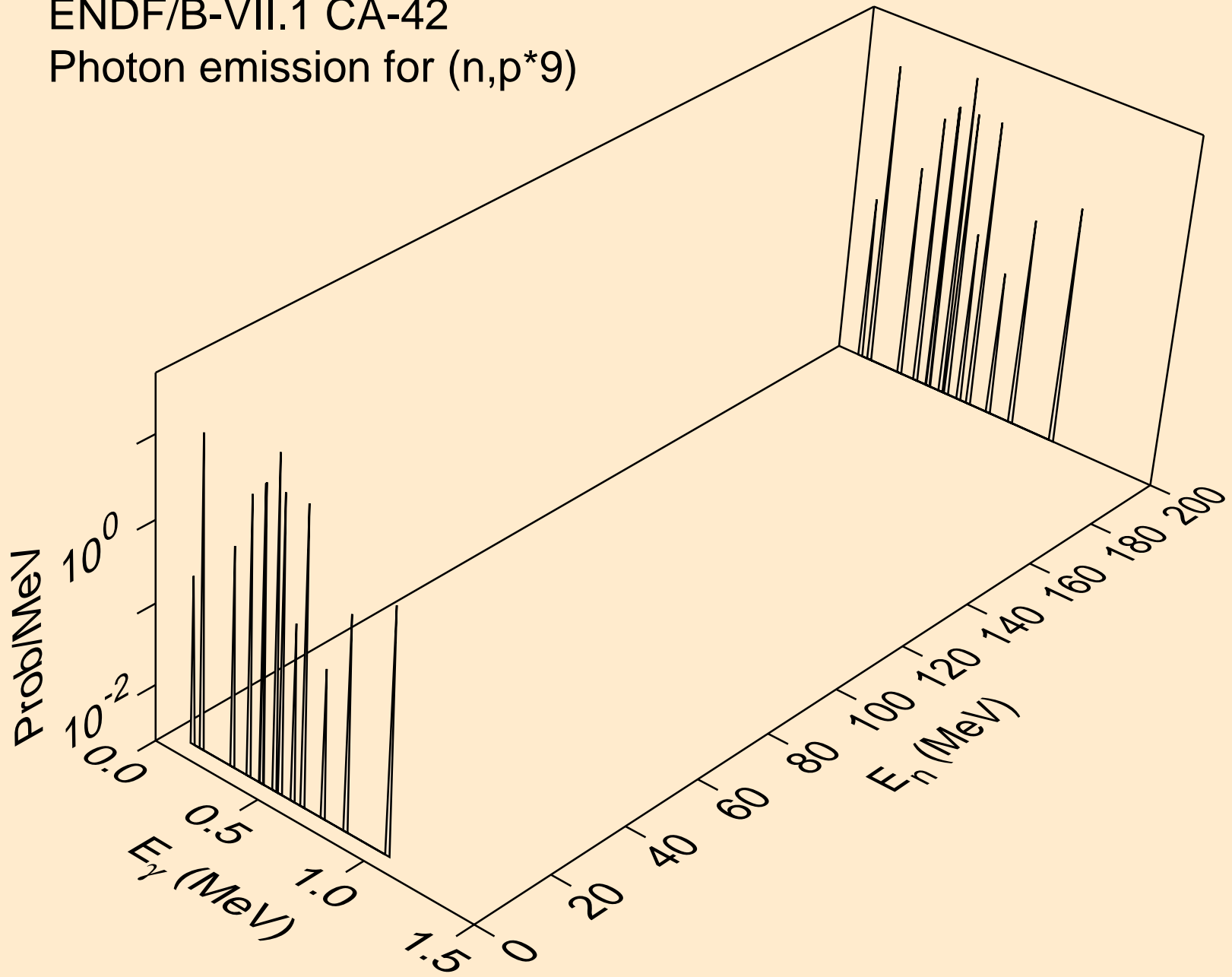
ENDF/B-VII.1 CA-42
Photon emission for (n,p*7)



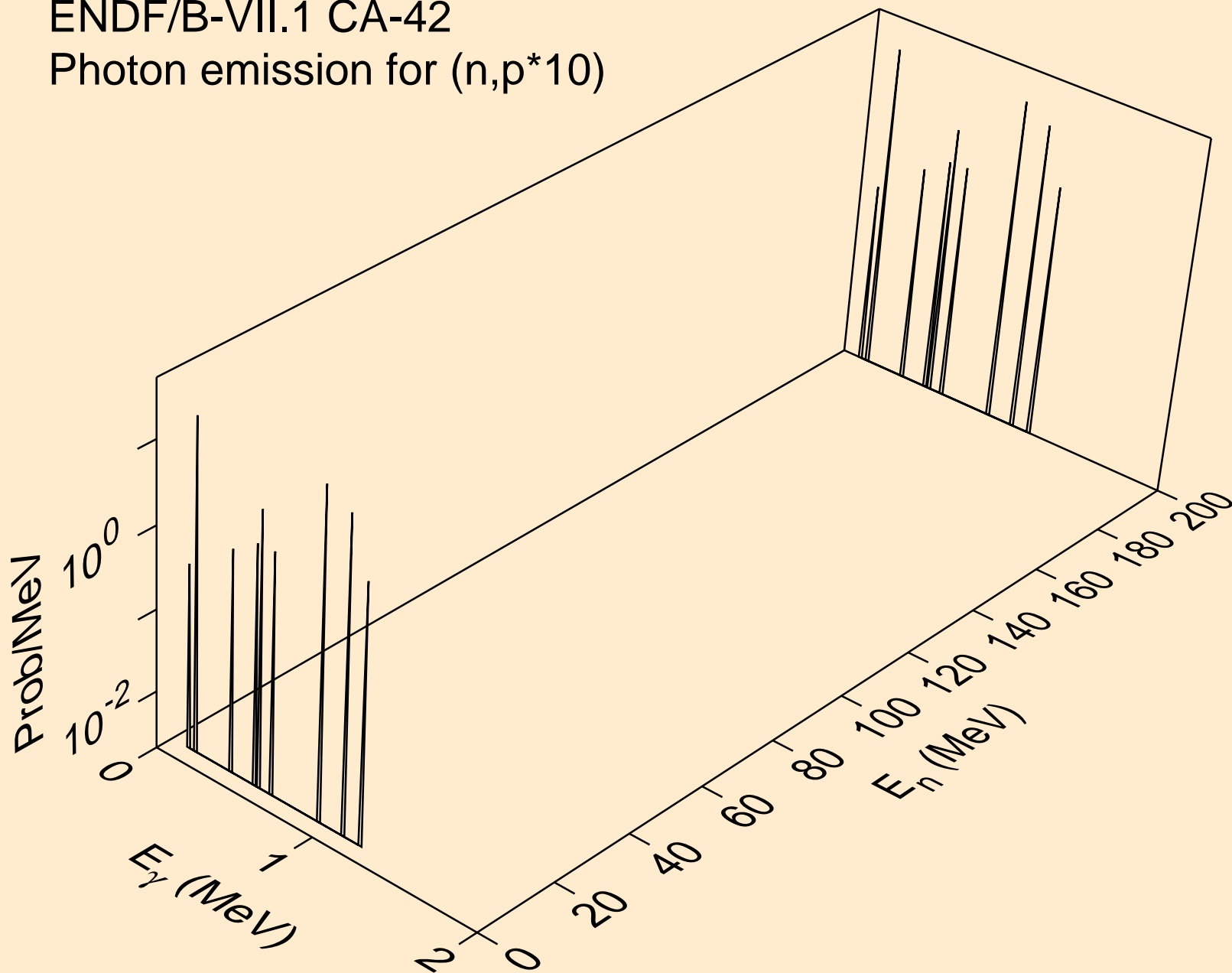
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Photon emission for (n,p*8)



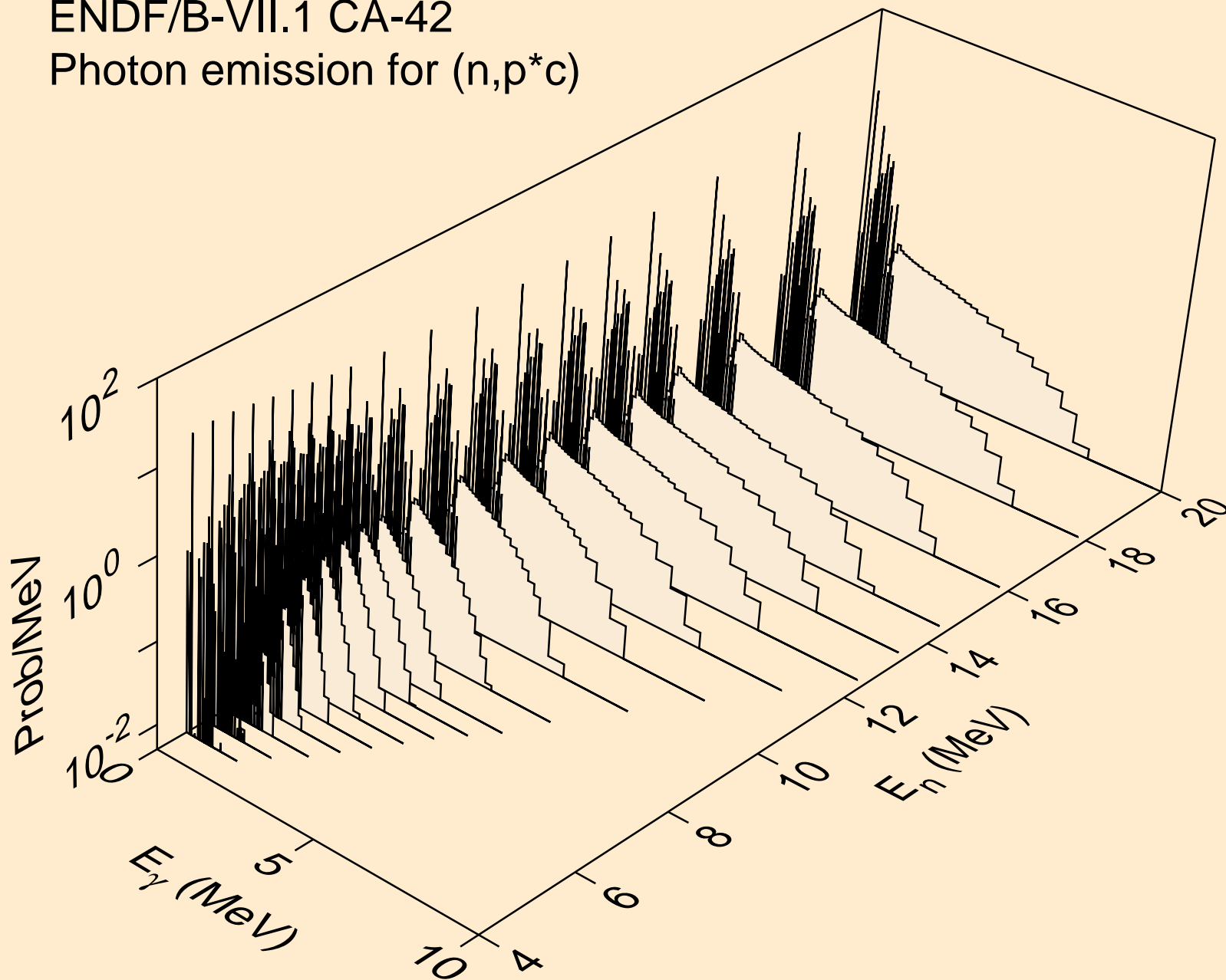
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Photon emission for (n,p*9)



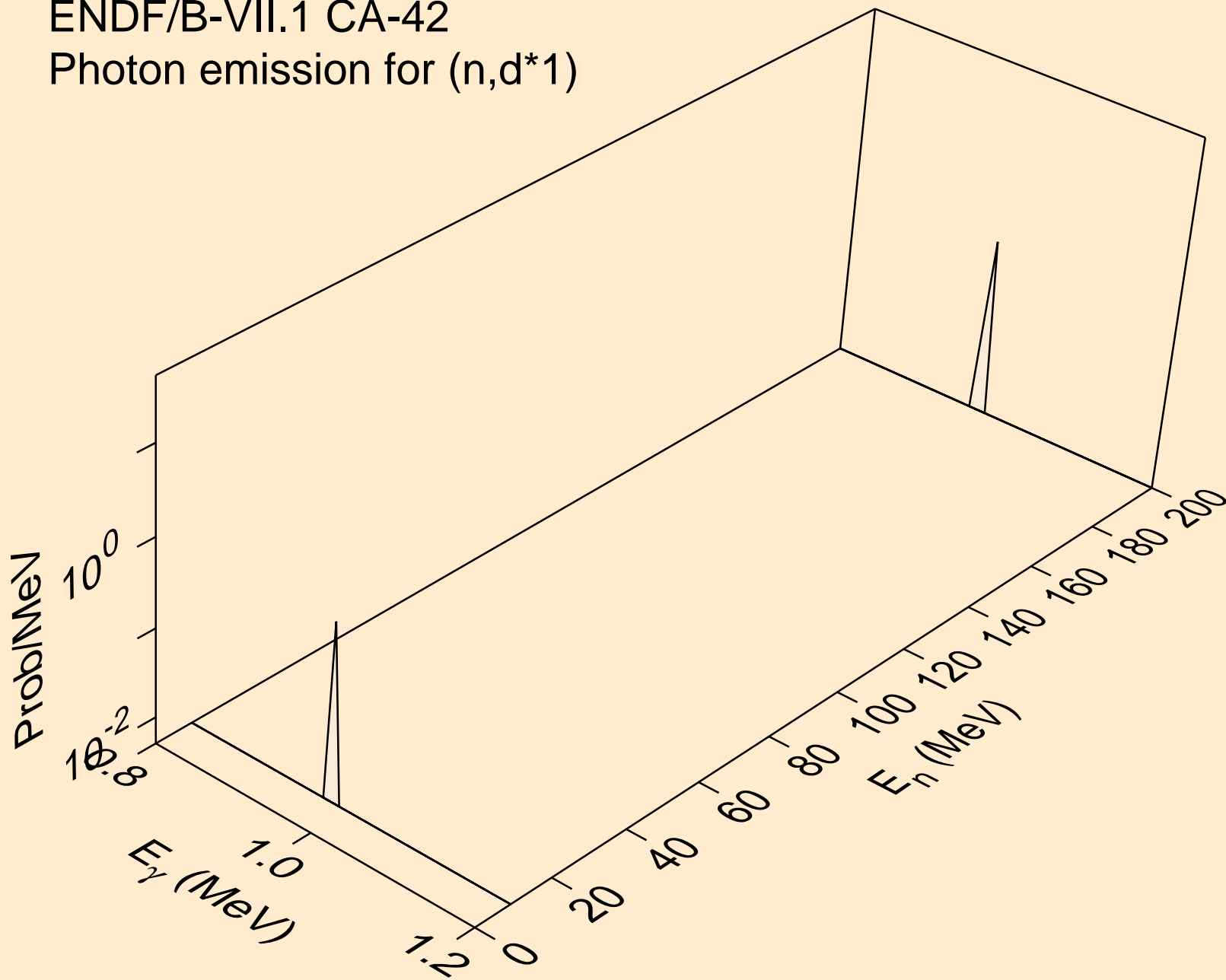
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Photon emission for (n,p*10)



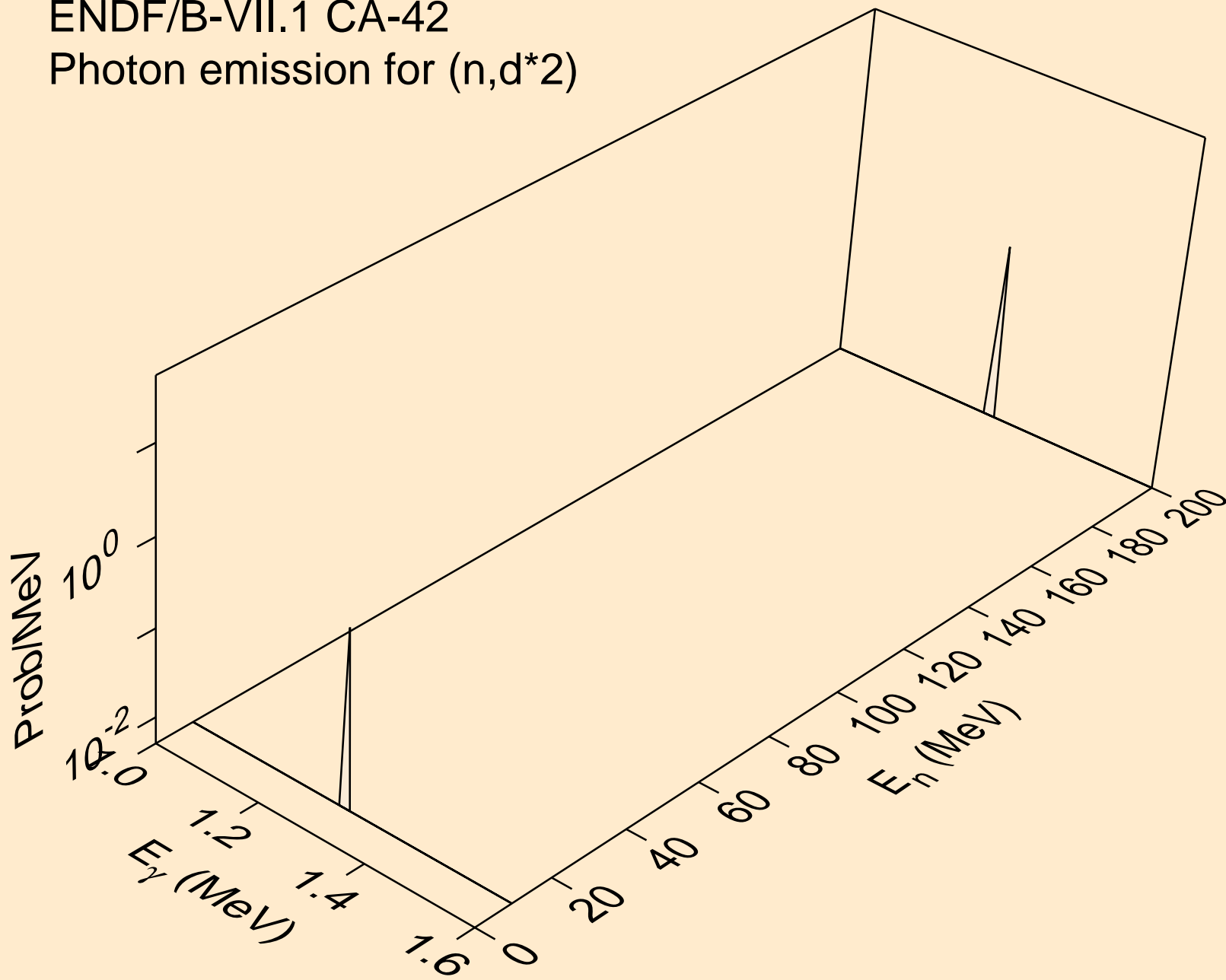
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Photon emission for (n,p*c)



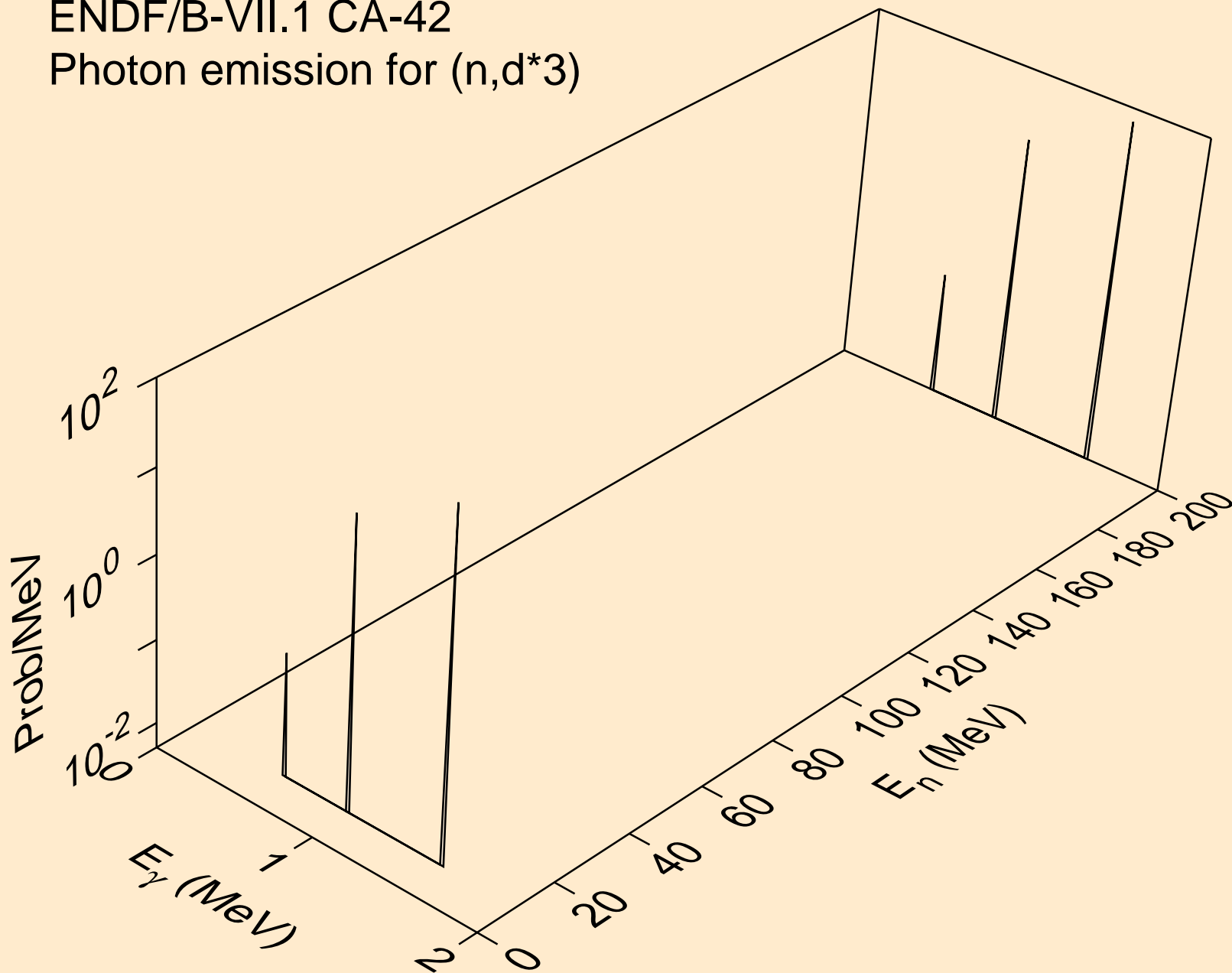
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Photon emission for (n,d*1)



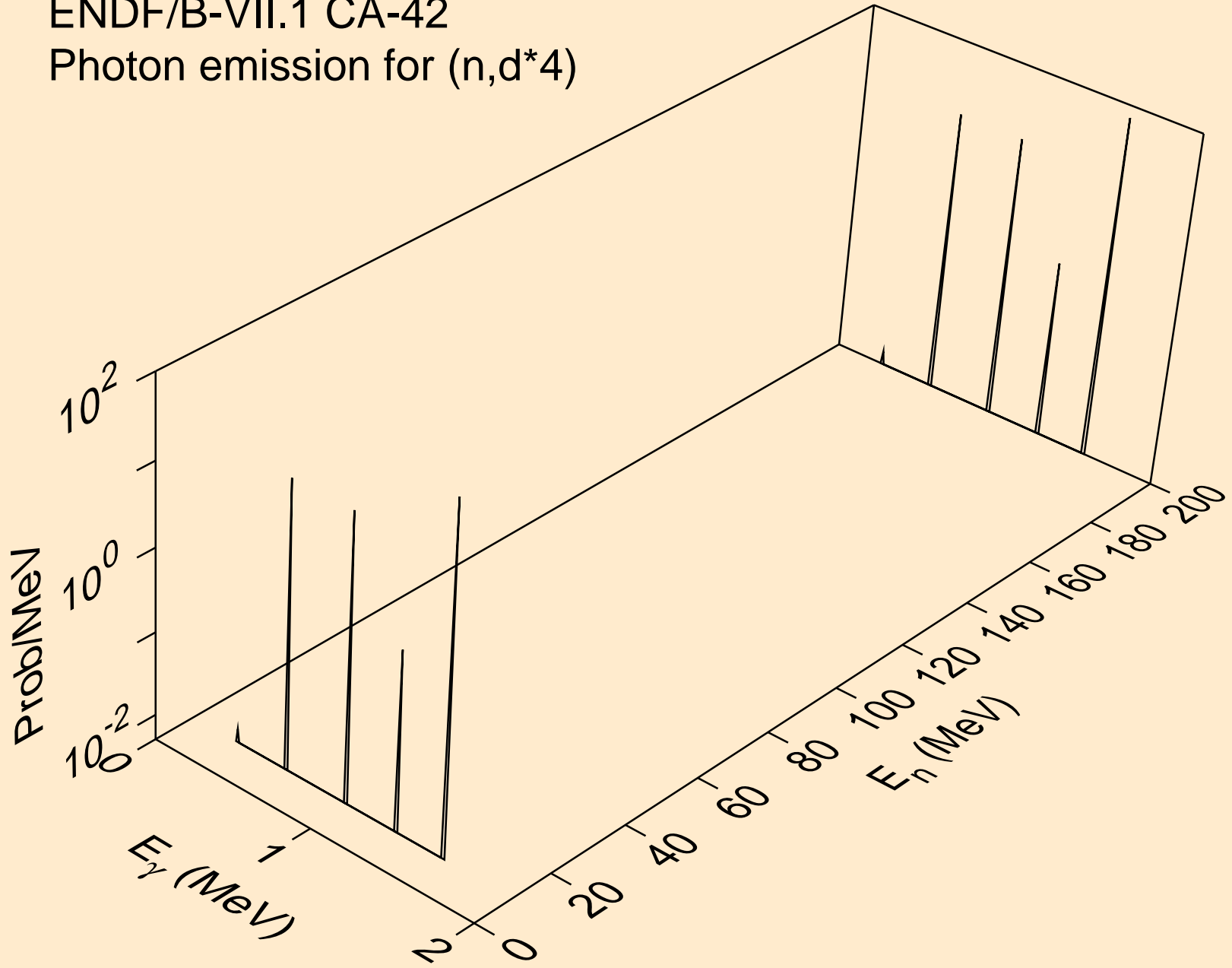
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Photon emission for (n,d*2)



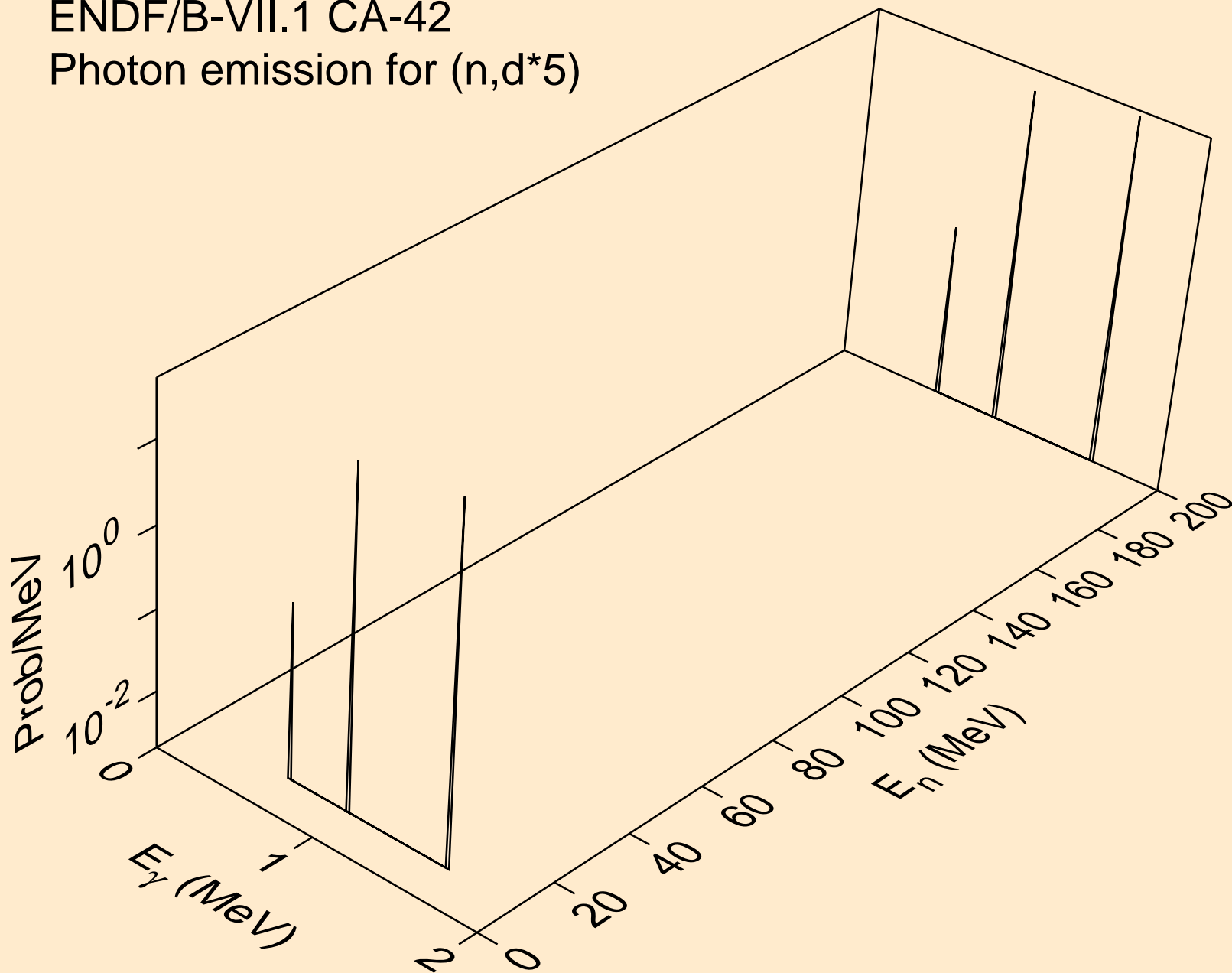
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Photon emission for (n,d*3)



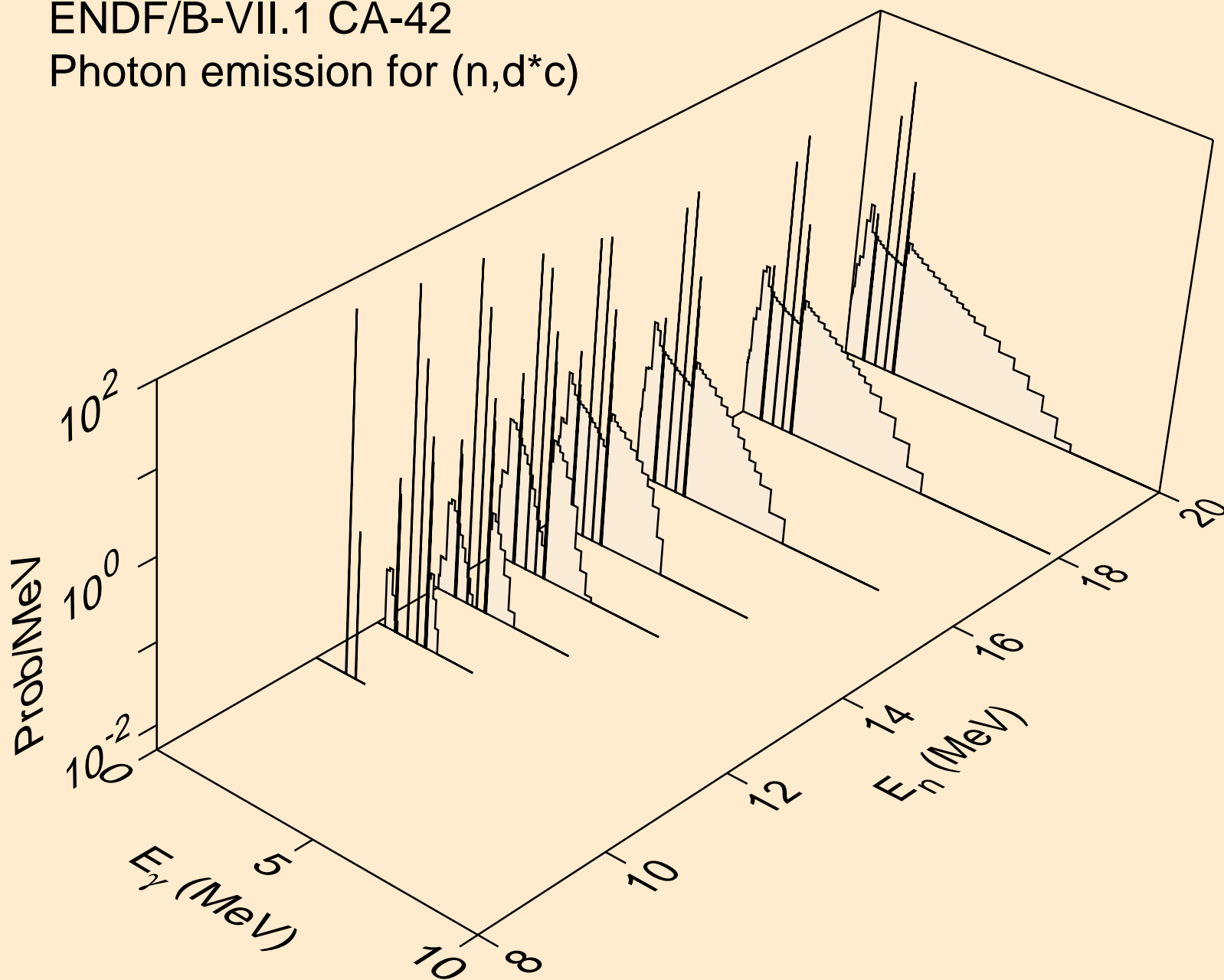
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Photon emission for (n,d*4)



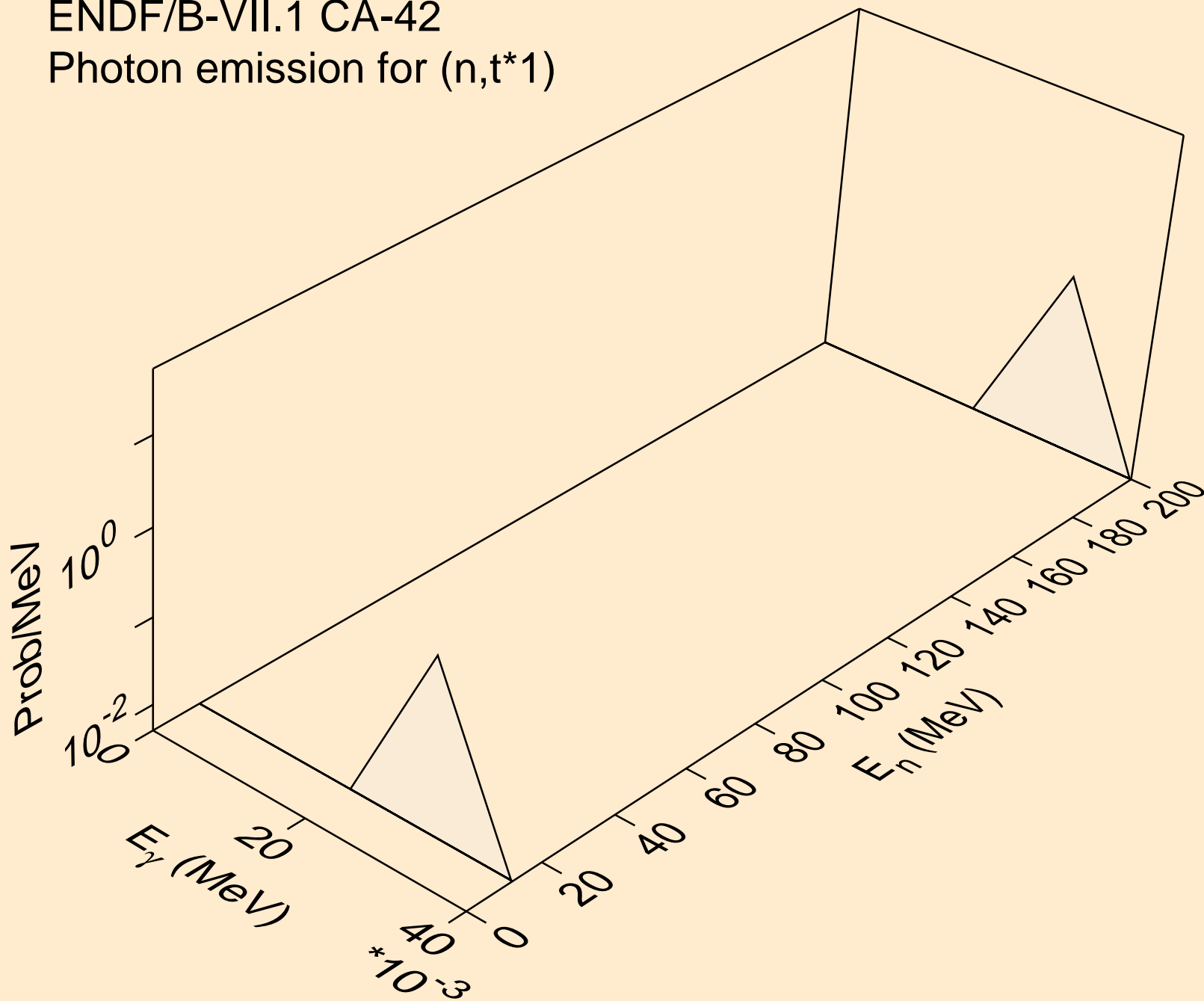
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Photon emission for (n,d*5)



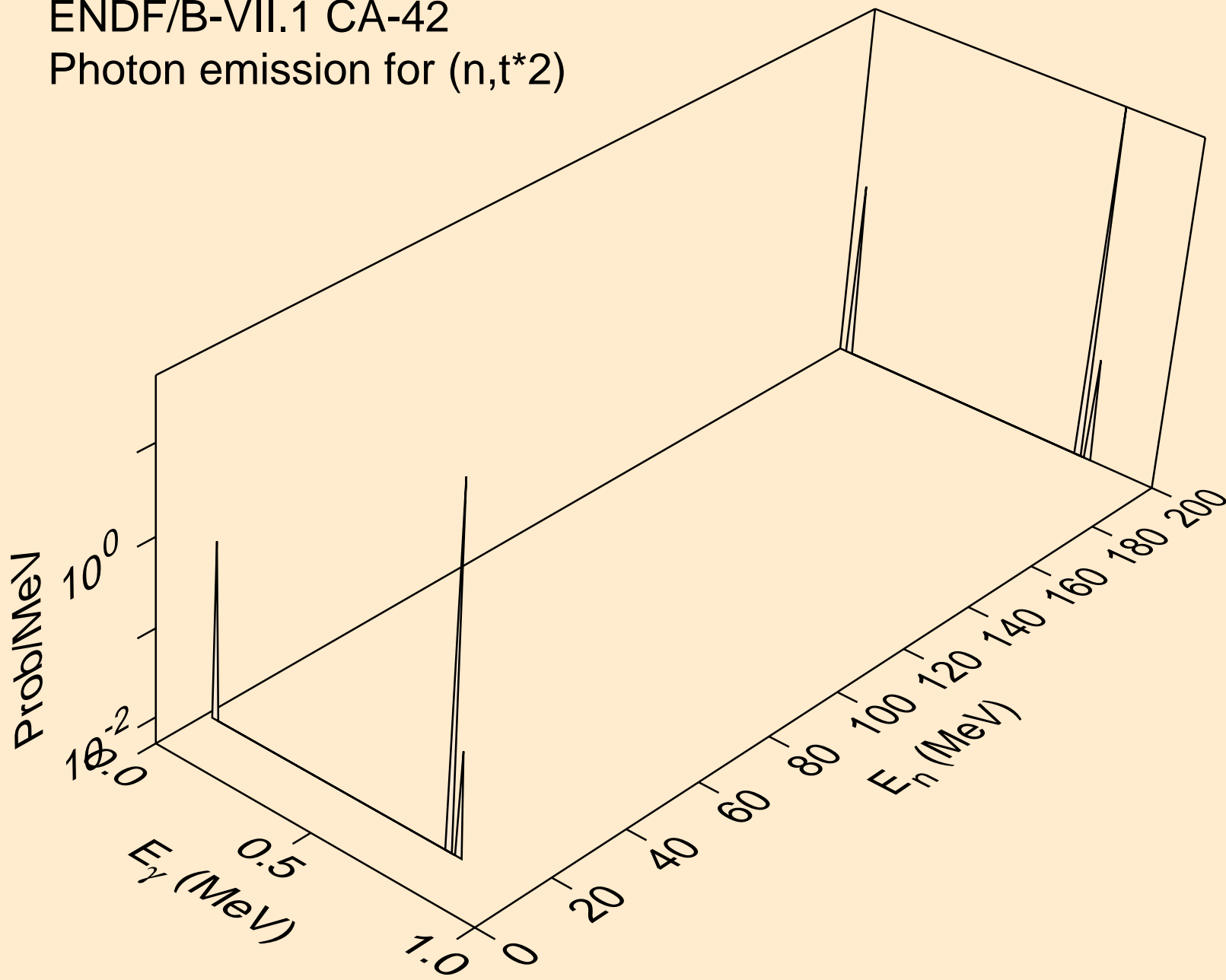
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Photon emission for (n,d*c)



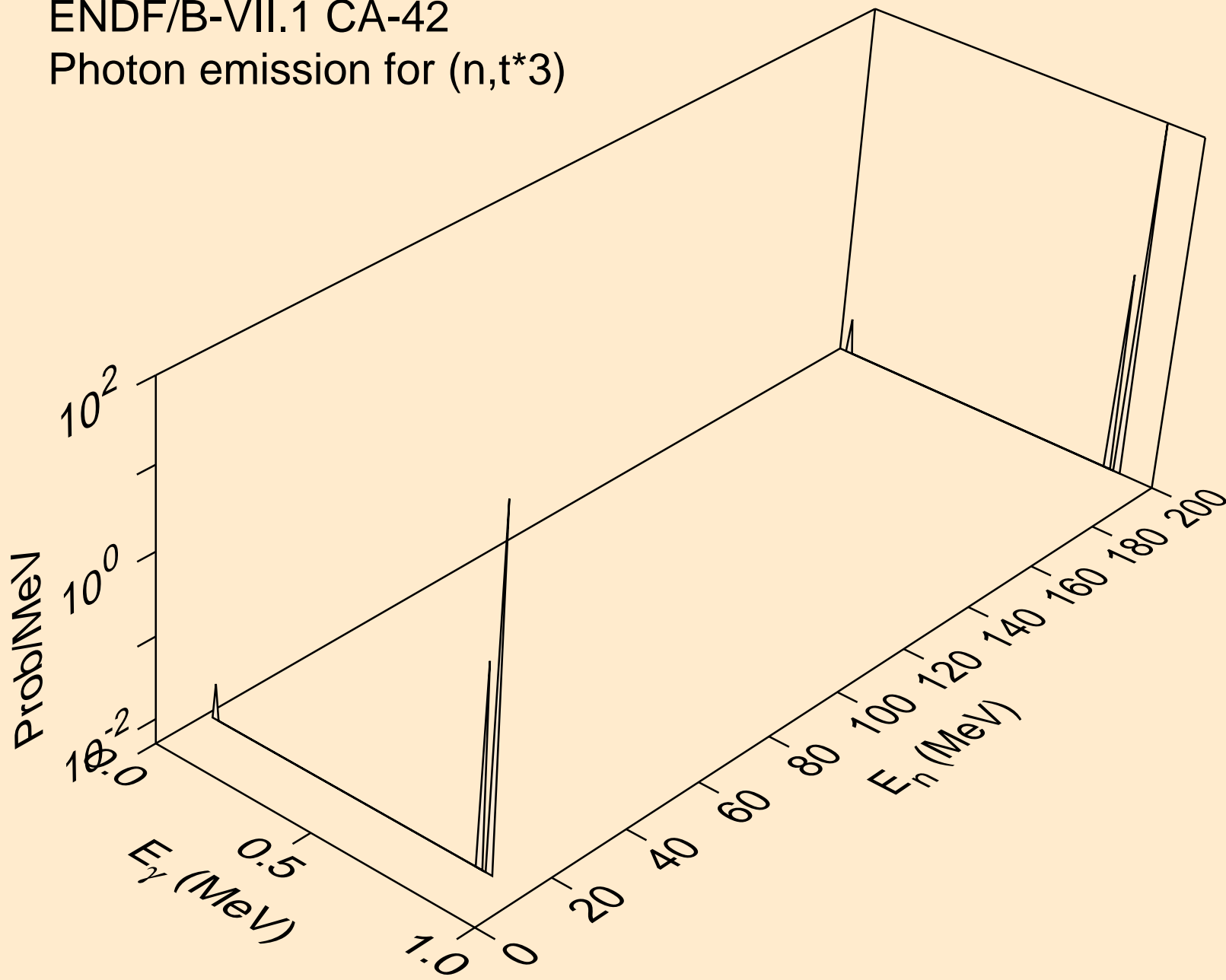
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Photon emission for (n,t*1)



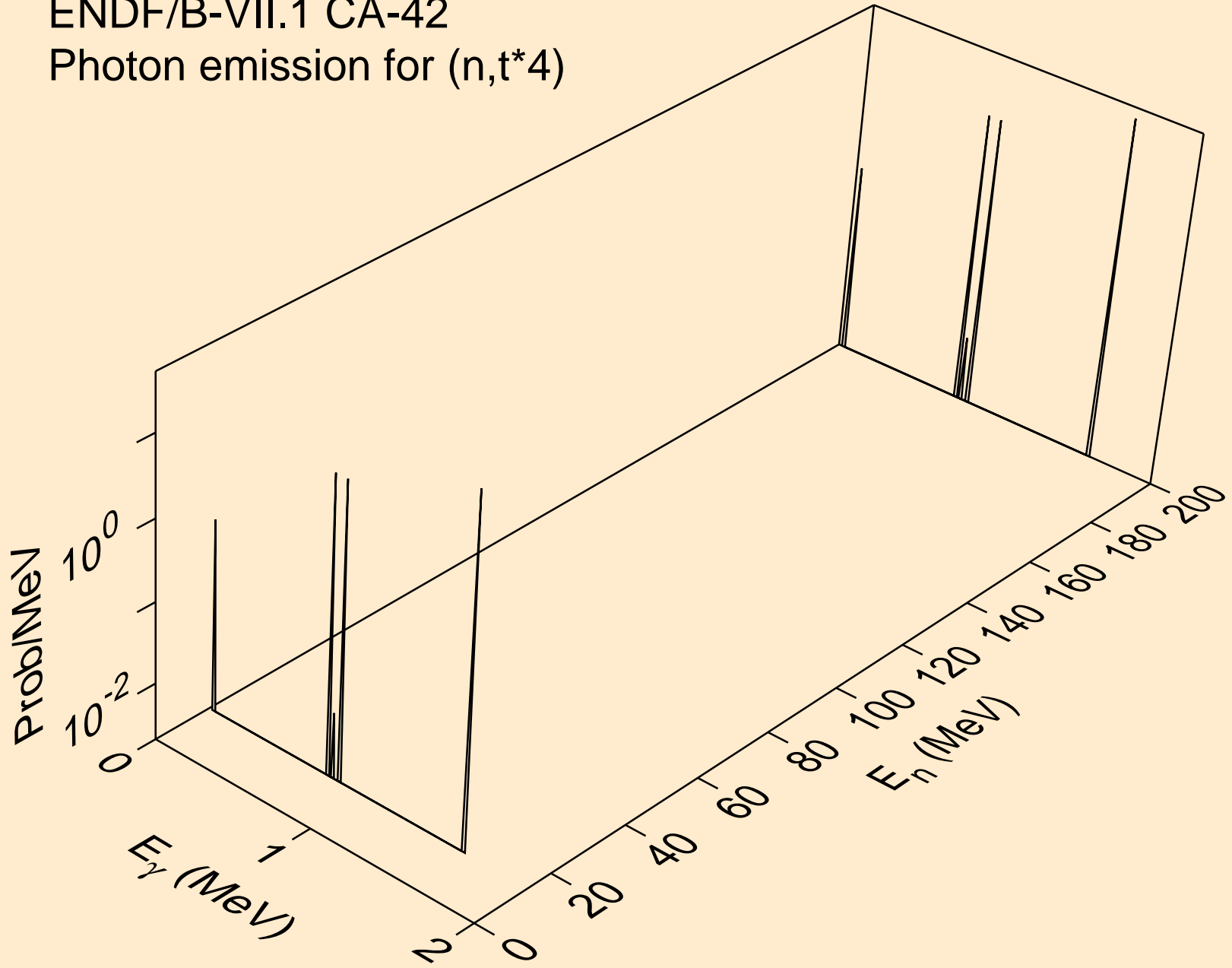
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Photon emission for (n,t*2)



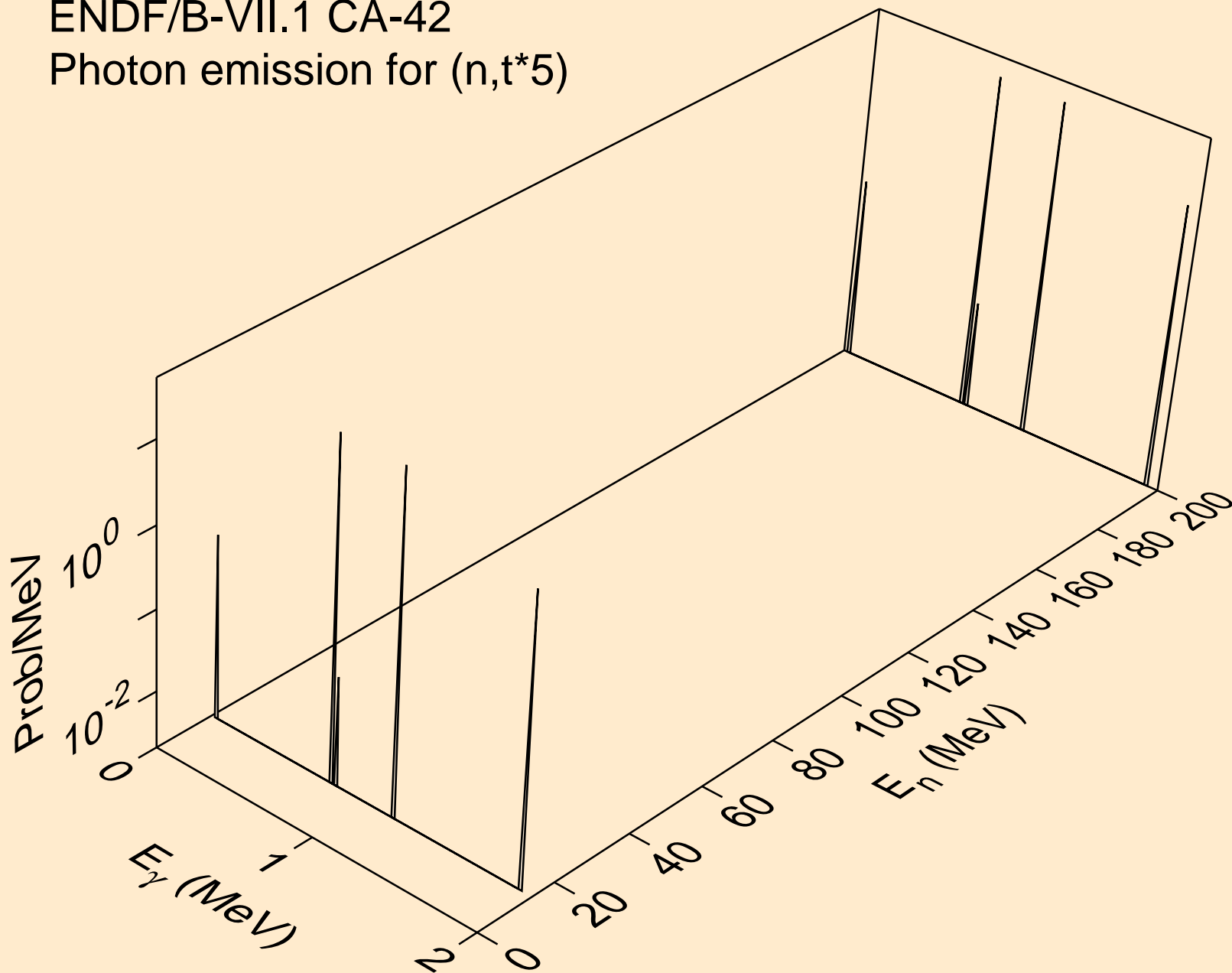
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Photon emission for (n,t*3)



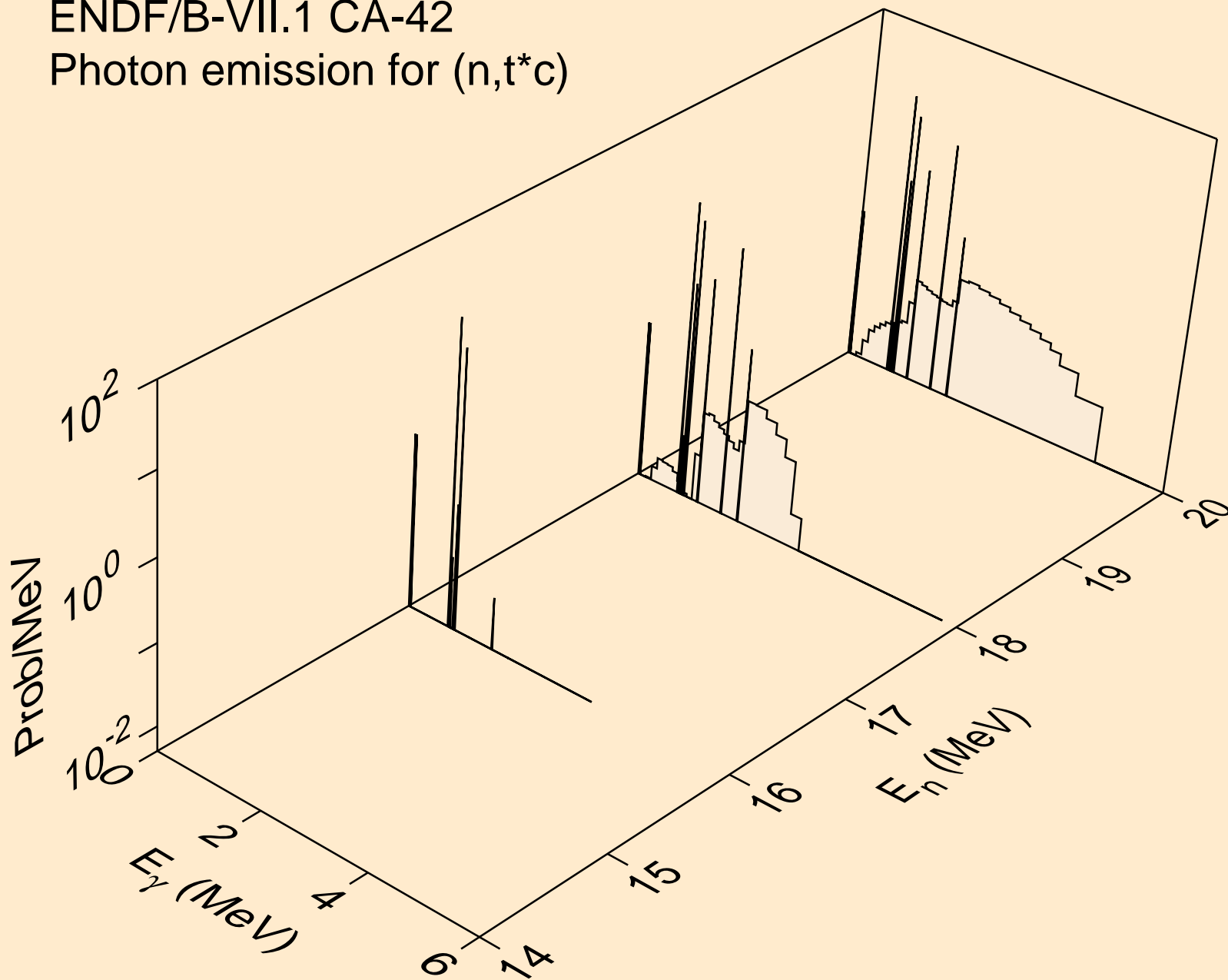
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Photon emission for (n,t*4)



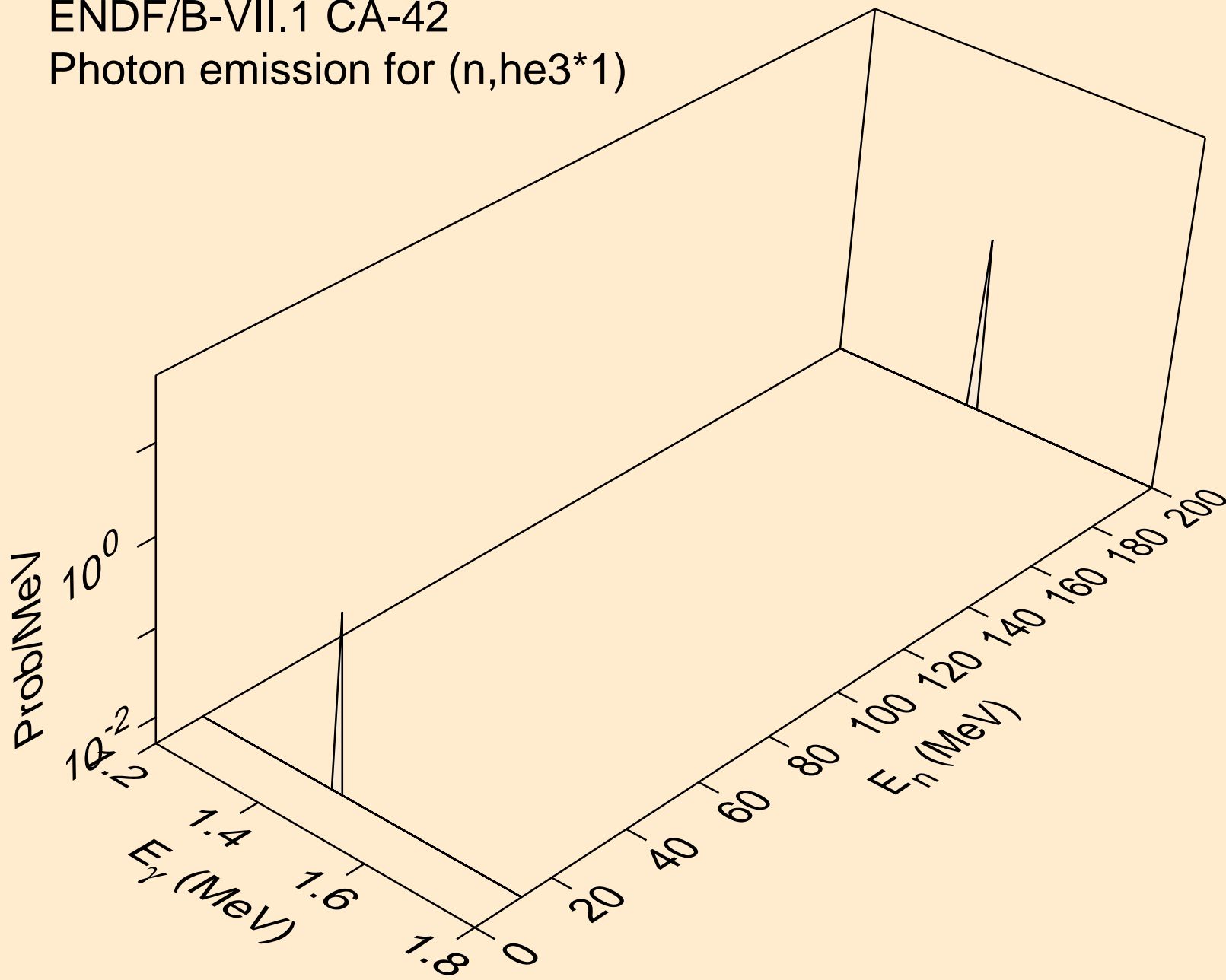
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Photon emission for (n,t*5)



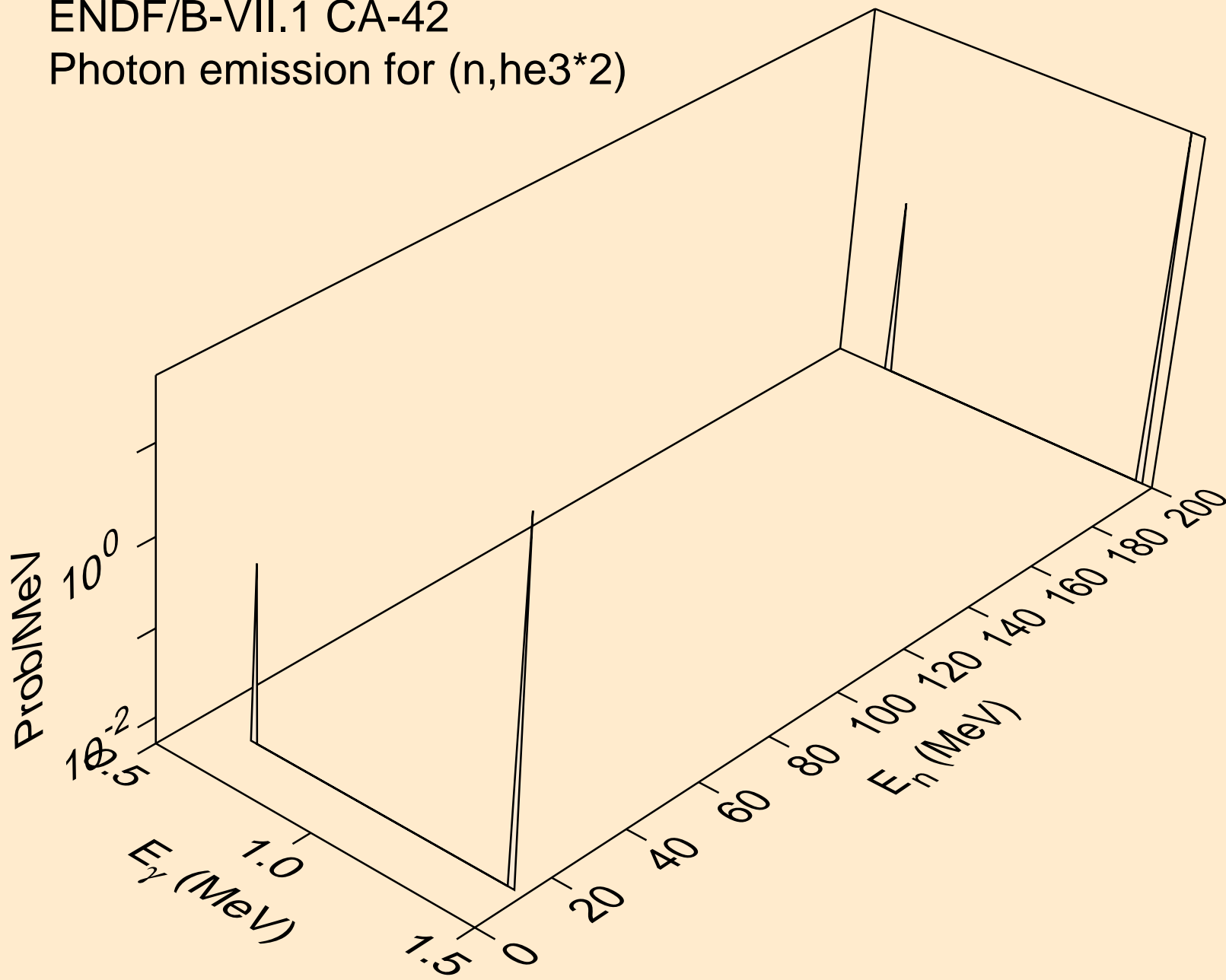
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Photon emission for (n,t*c)



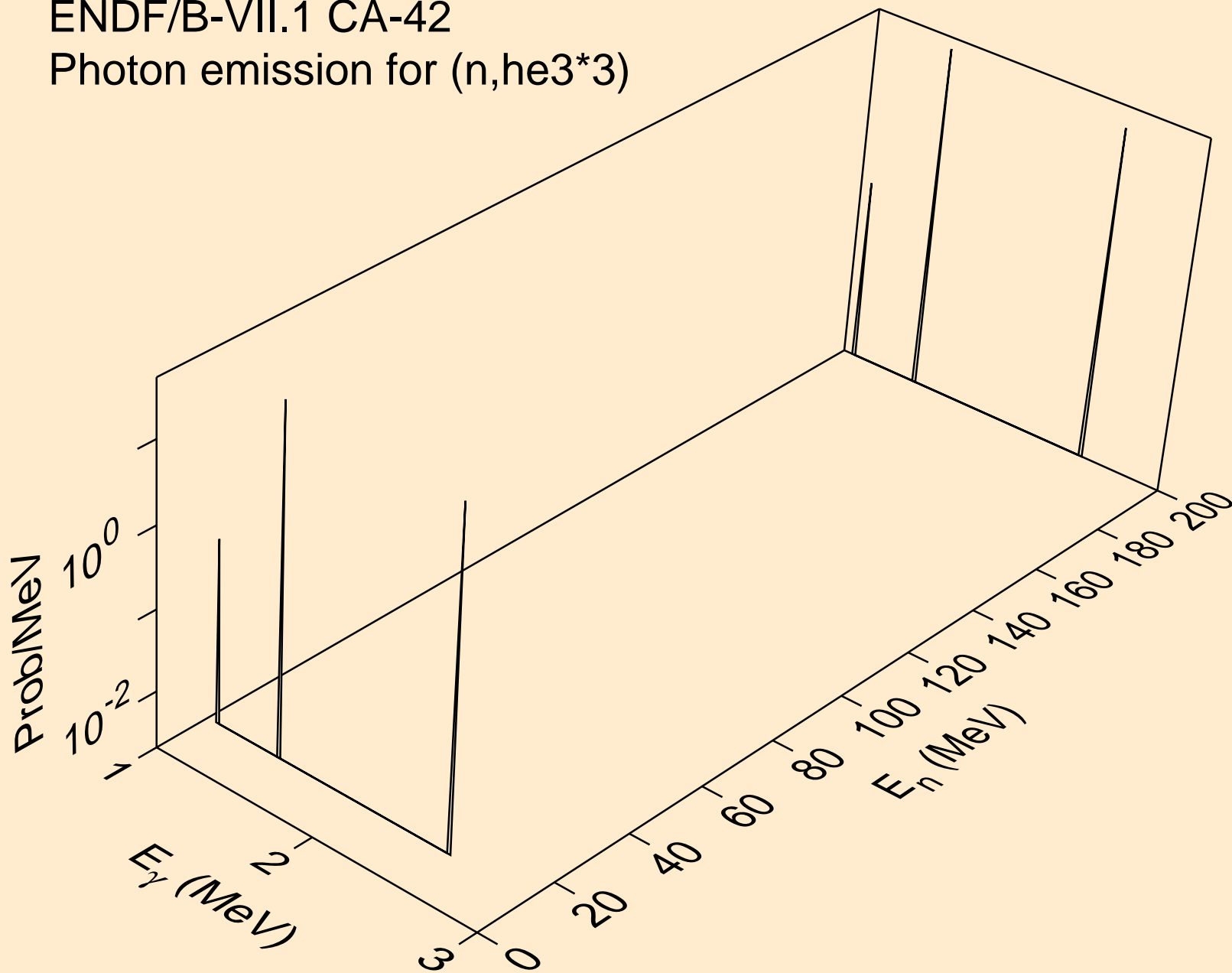
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Photon emission for (n,he3*1)



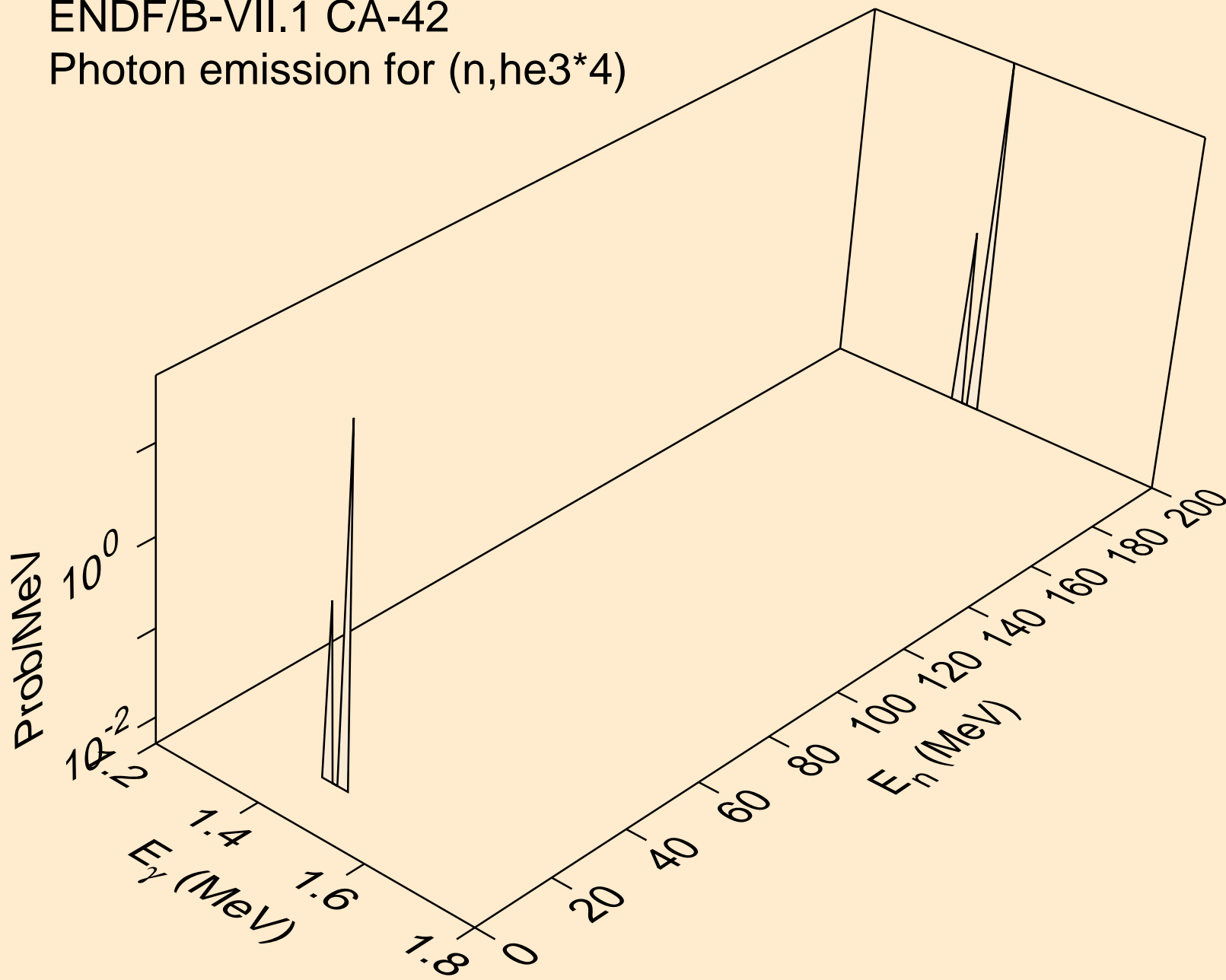
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Photon emission for (n,he3*2)



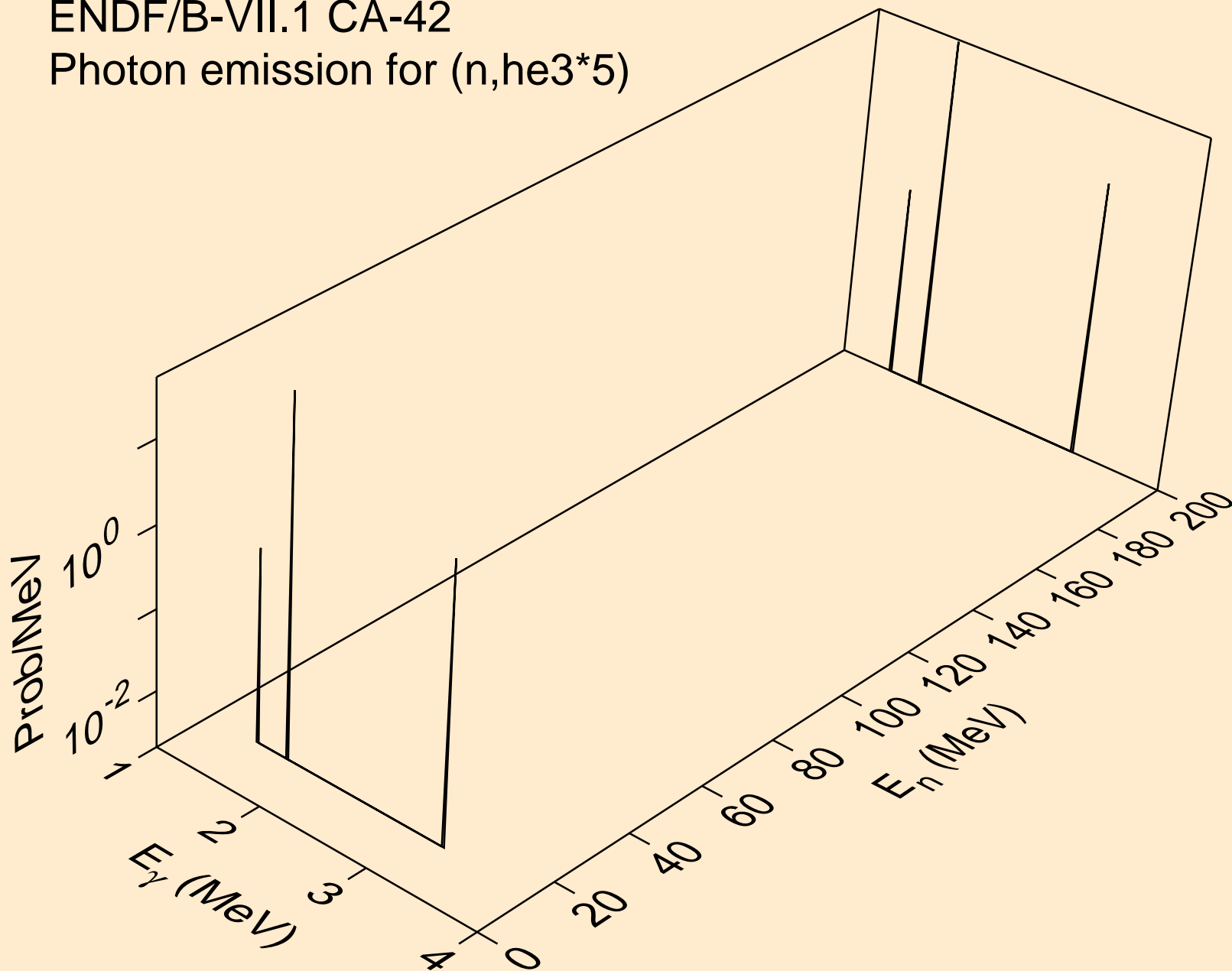
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Photon emission for (n,he3*3)



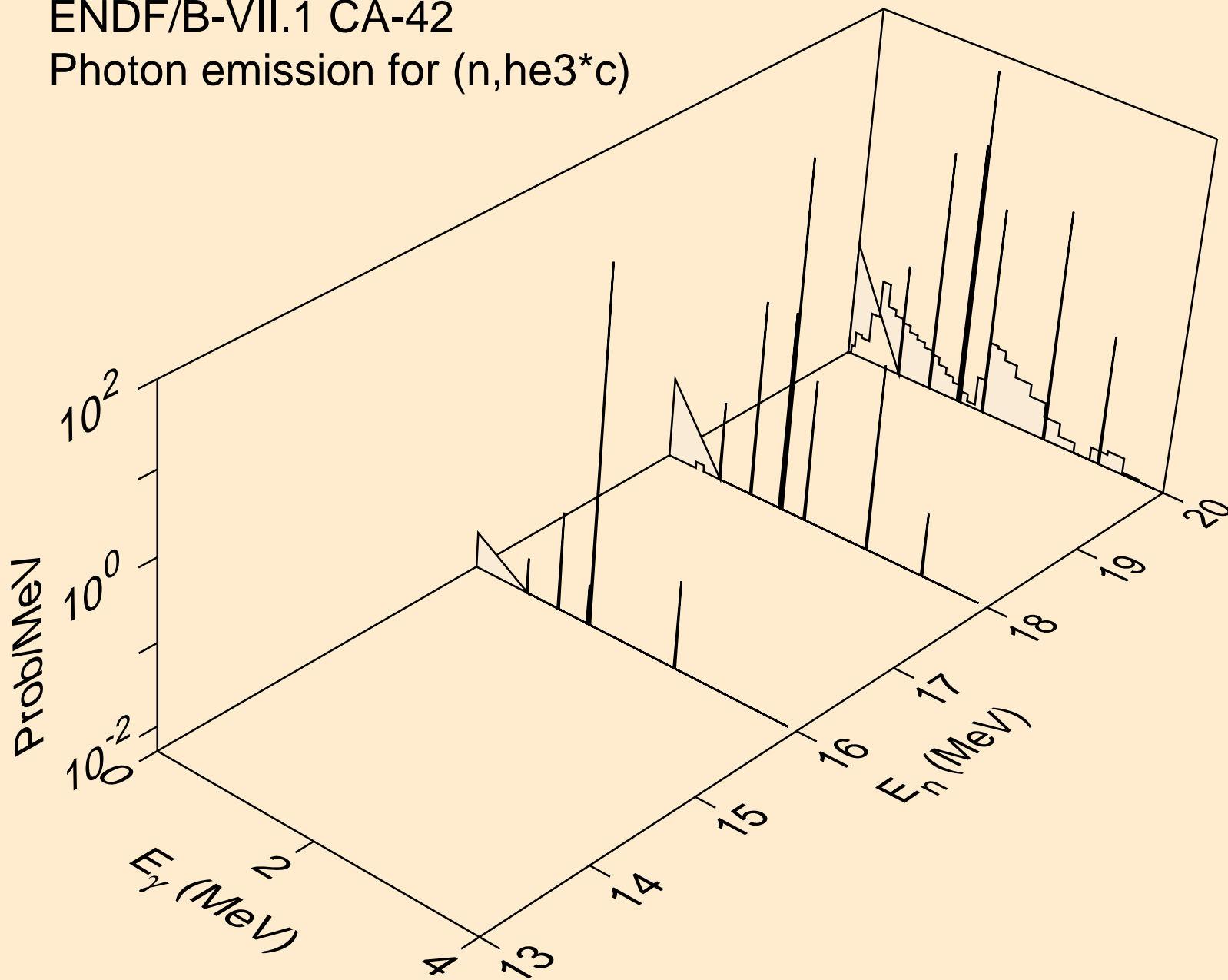
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Photon emission for (n,he3*4)



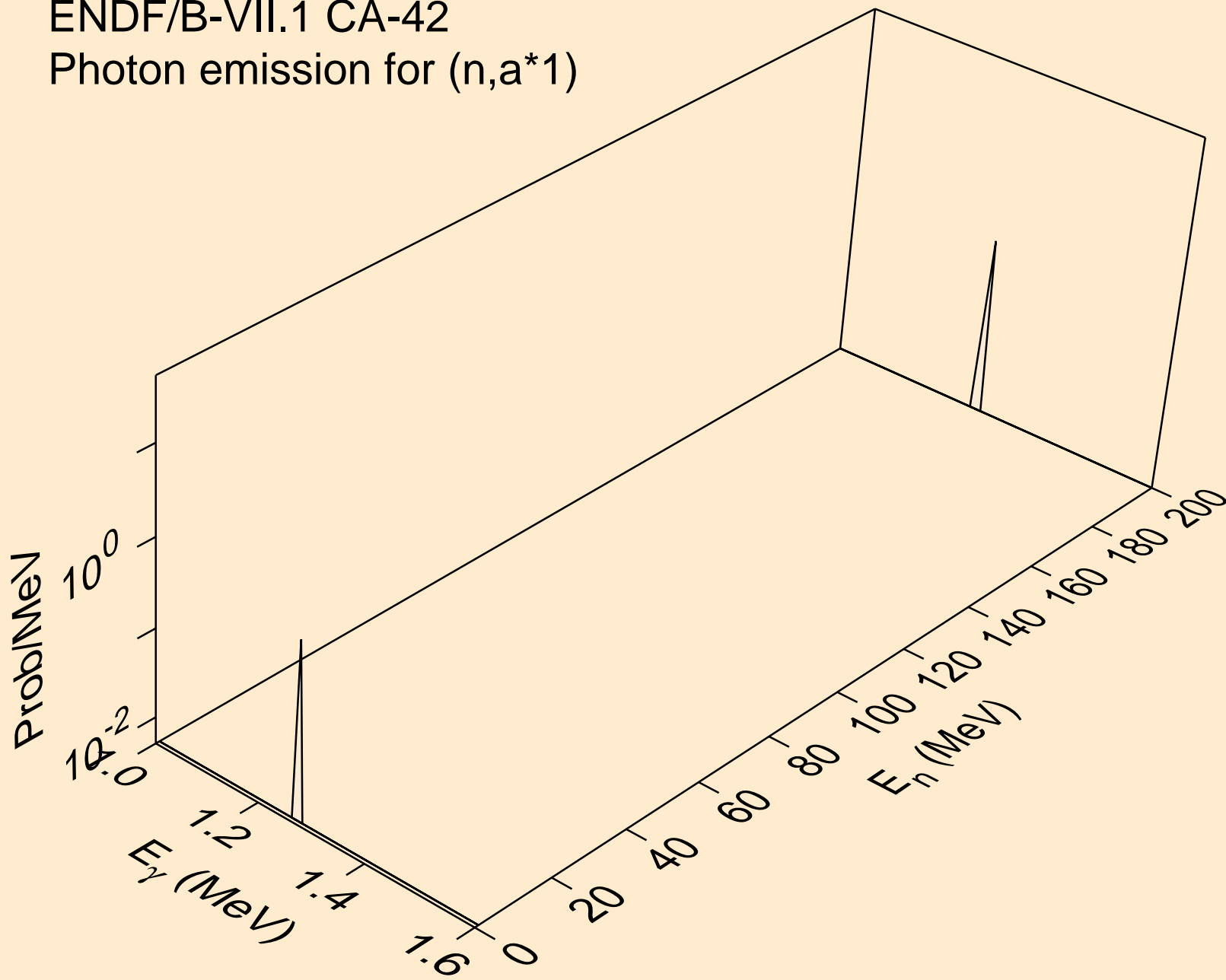
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Photon emission for (n,he3*5)



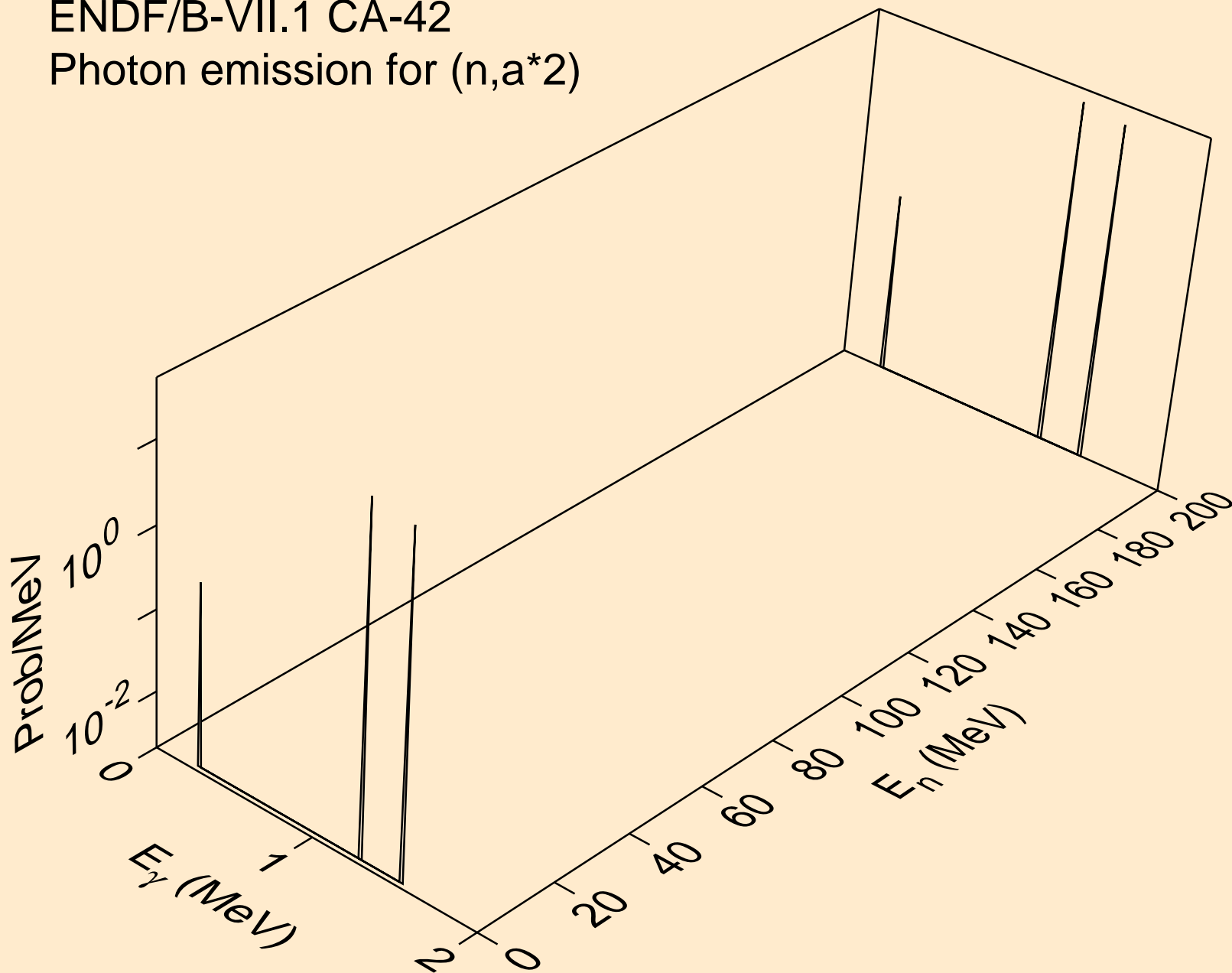
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Photon emission for (n,he3*c)



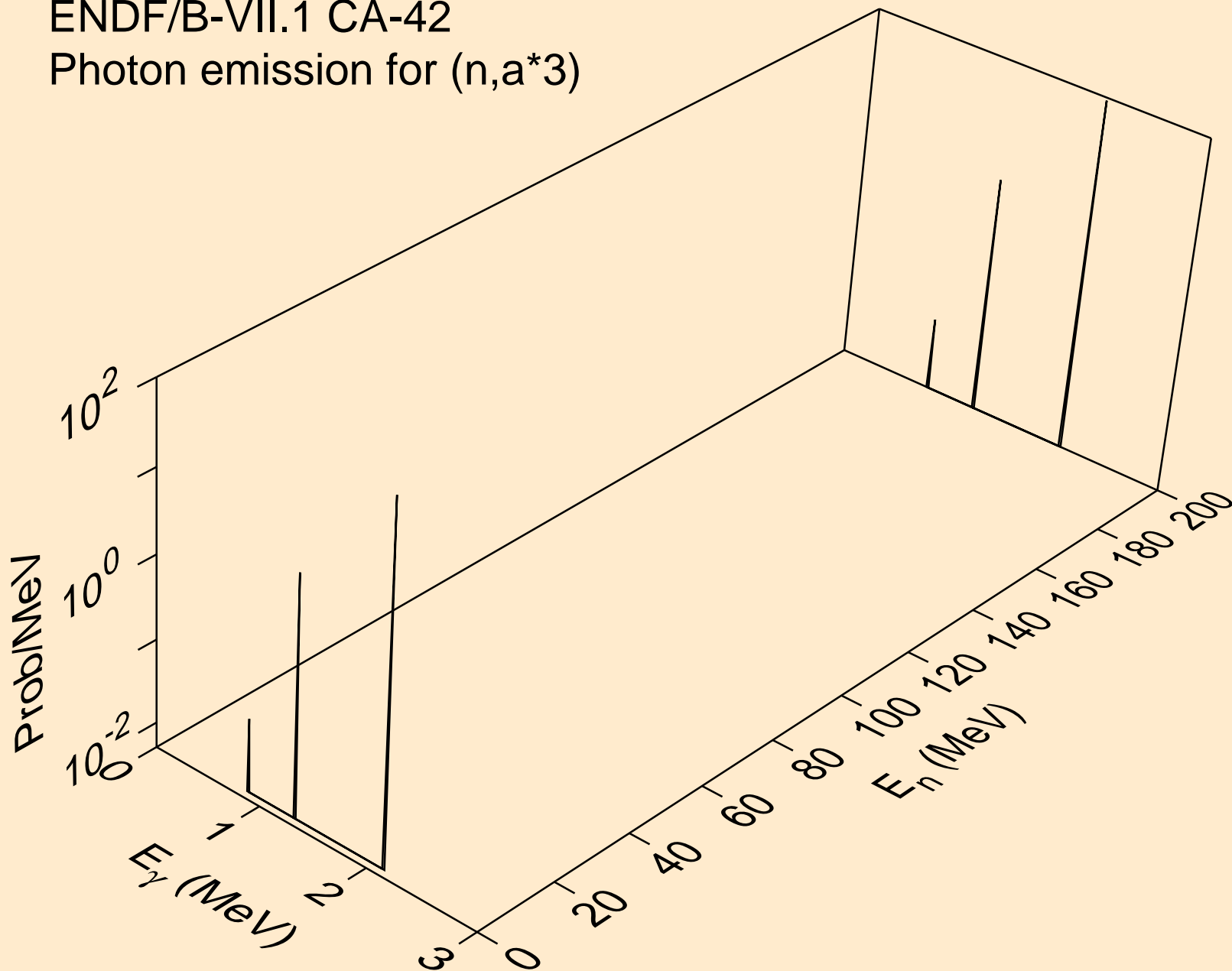
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Photon emission for (n,a*1)



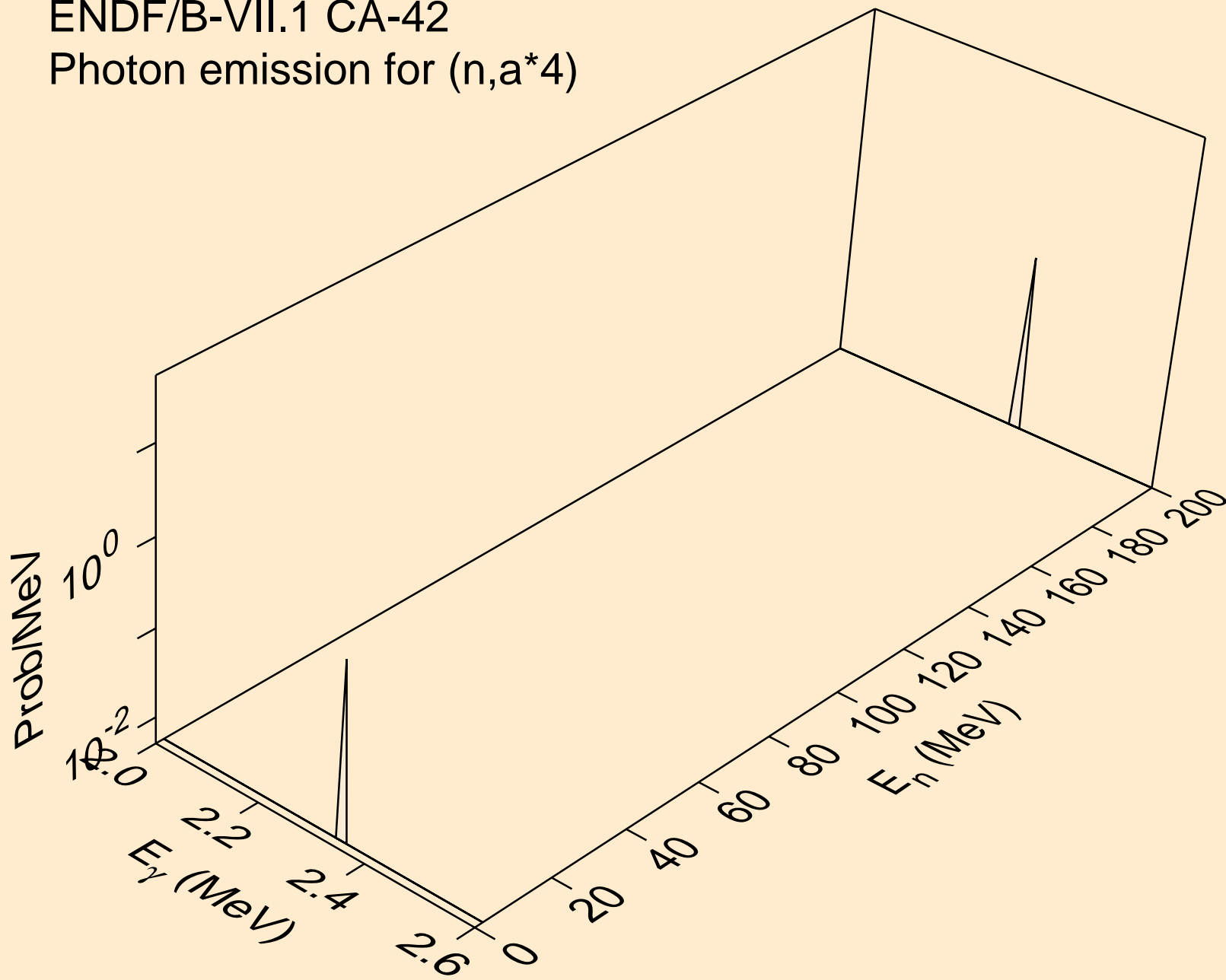
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Photon emission for (n,a*2)



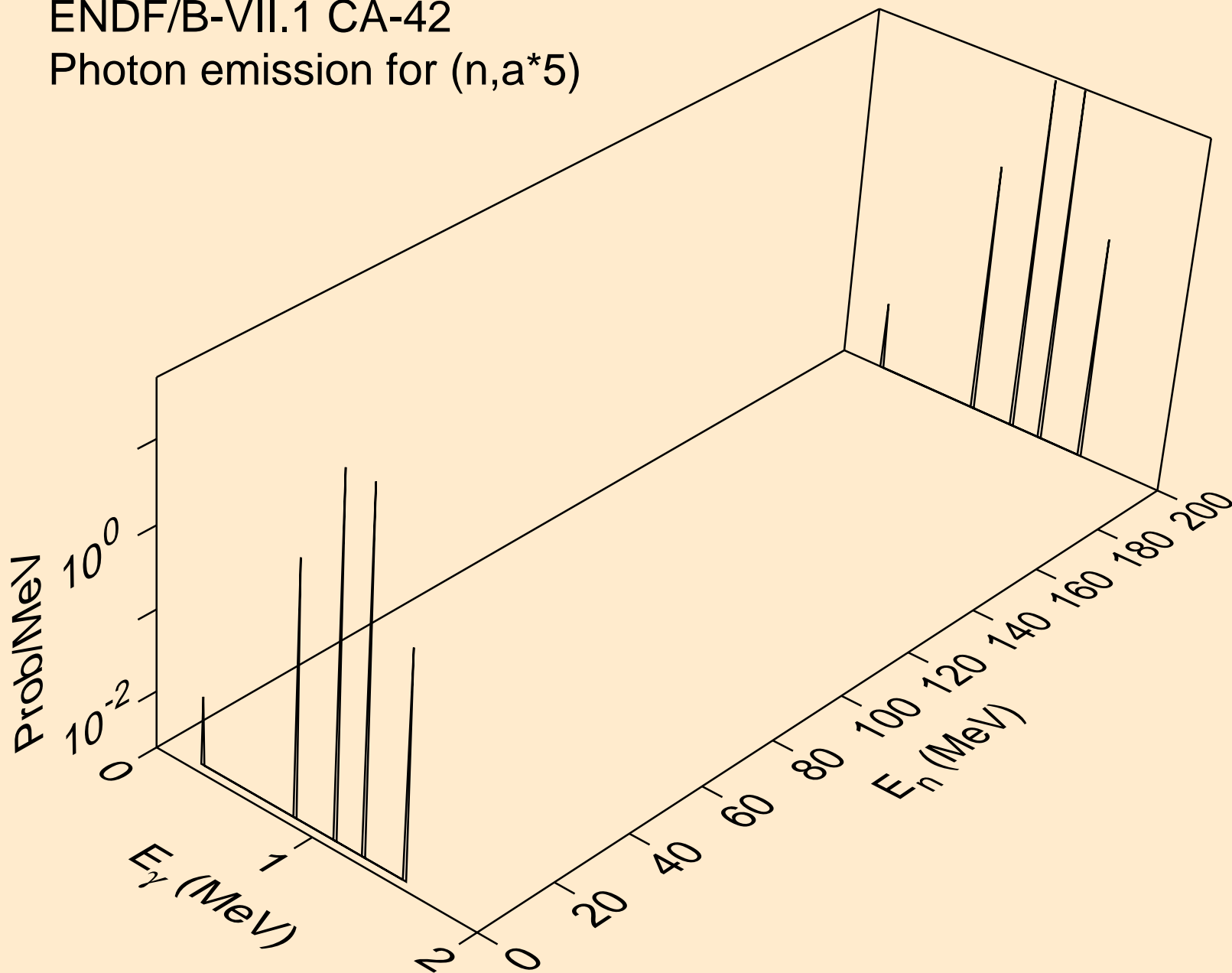
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Photon emission for (n,a*3)



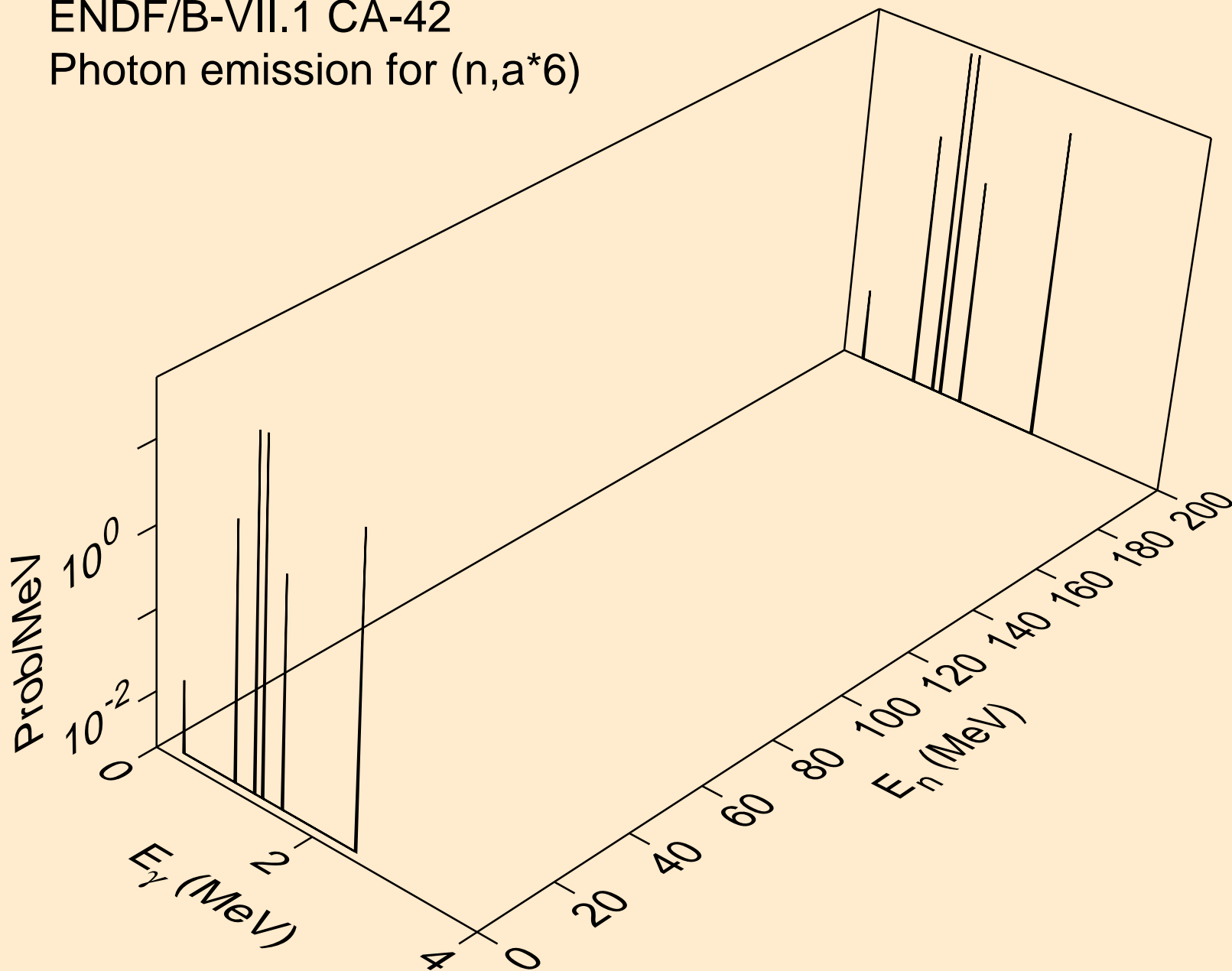
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Photon emission for (n,a*4)



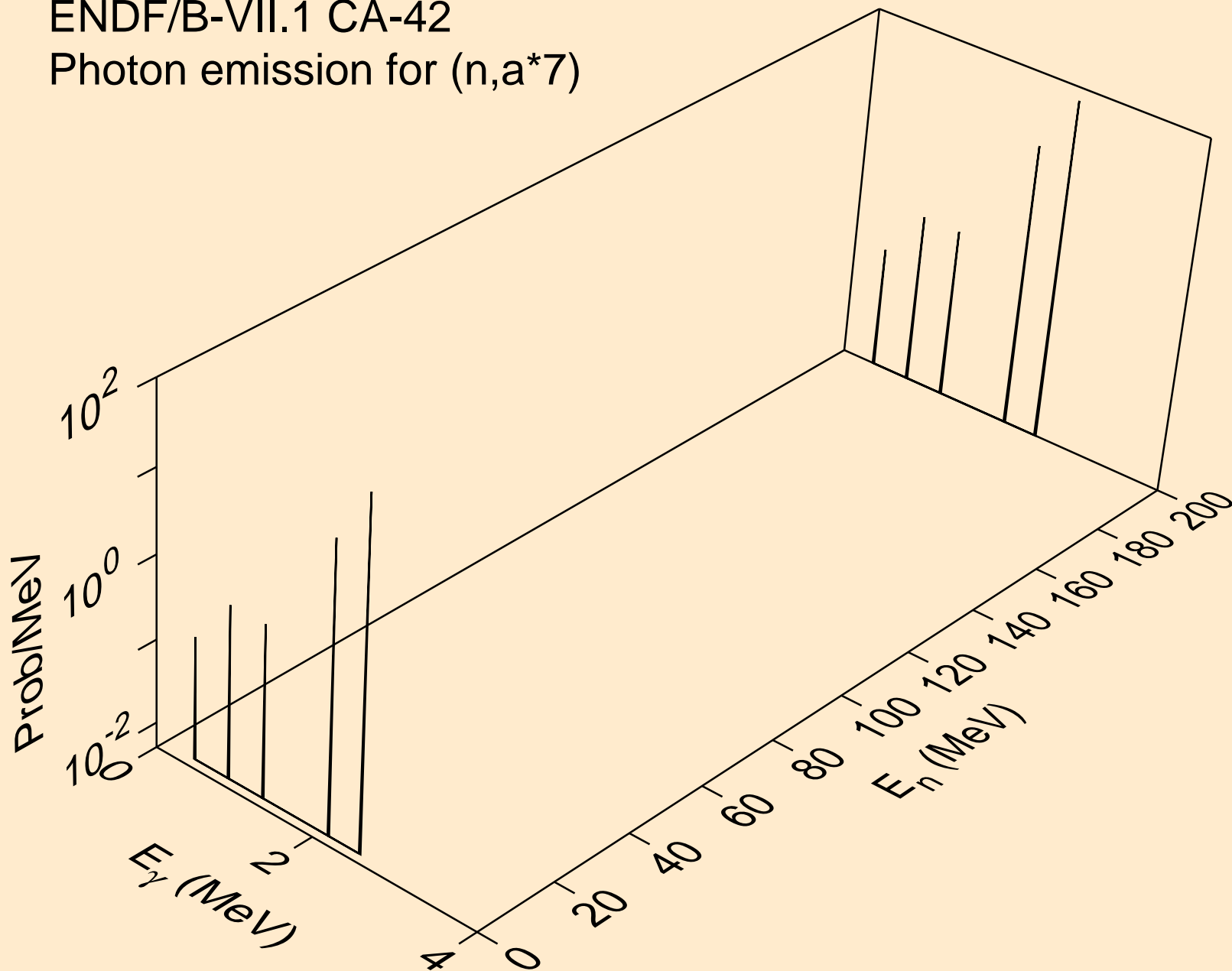
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Photon emission for (n,a*5)



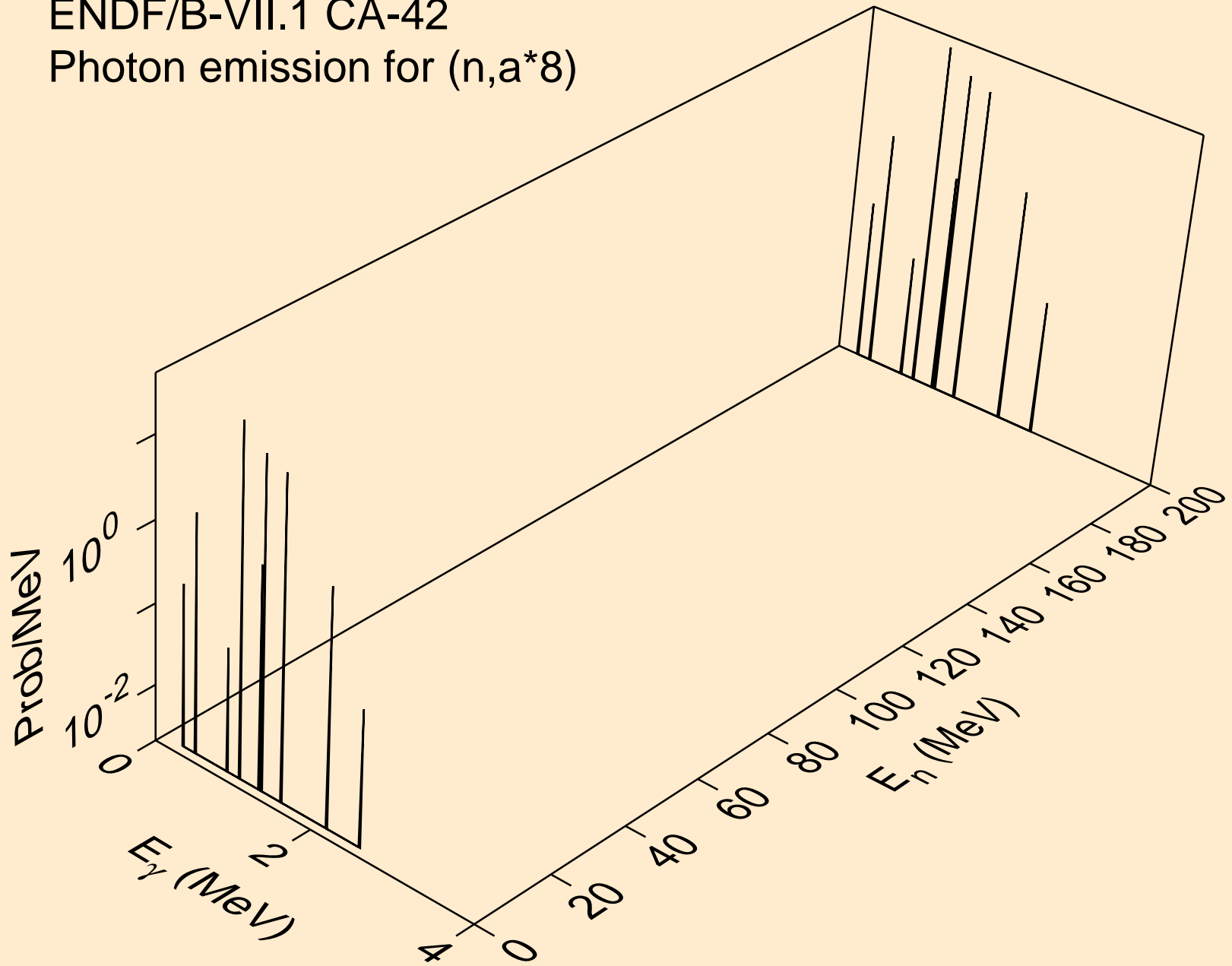
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Photon emission for (n,a*6)



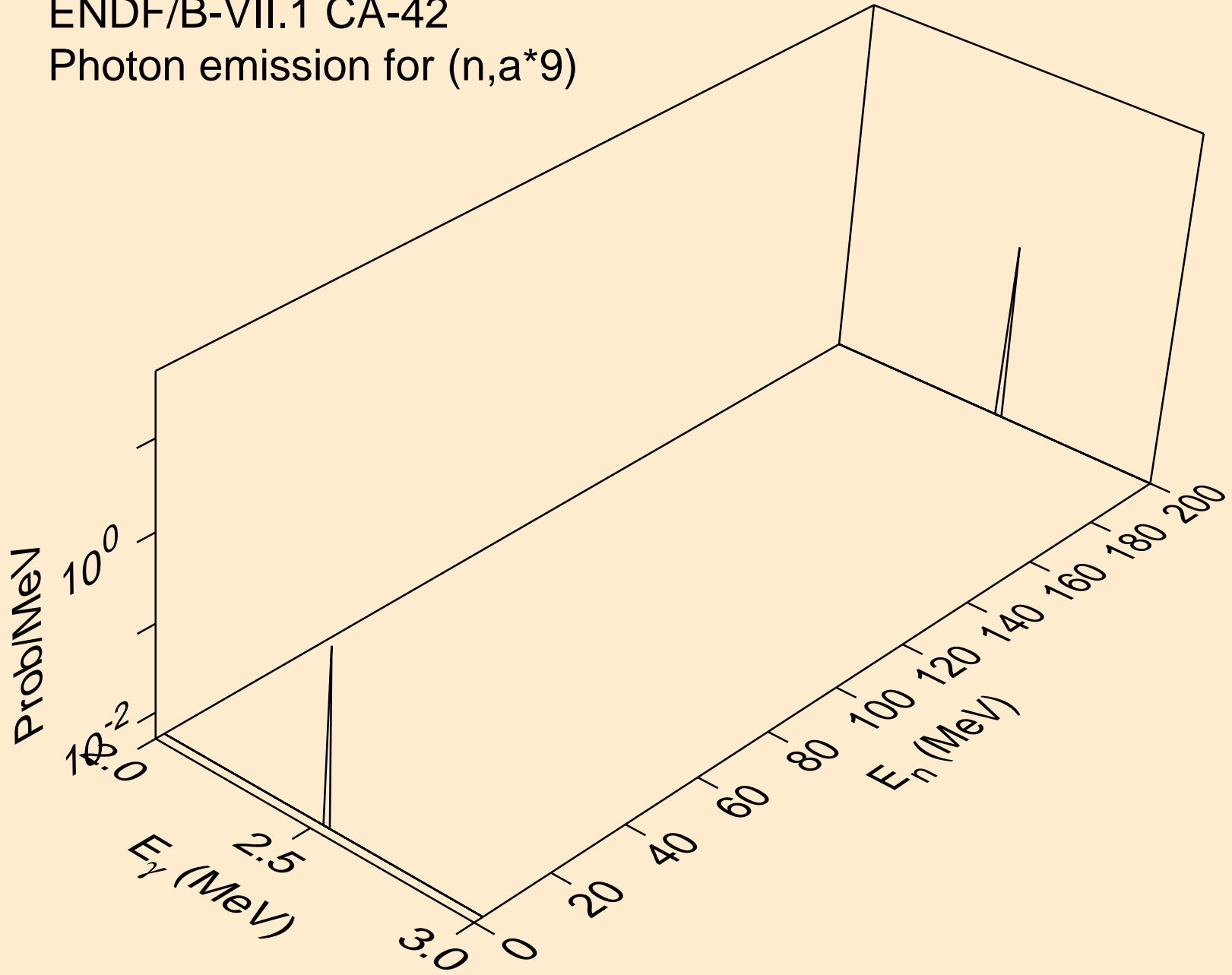
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Photon emission for (n,a*7)



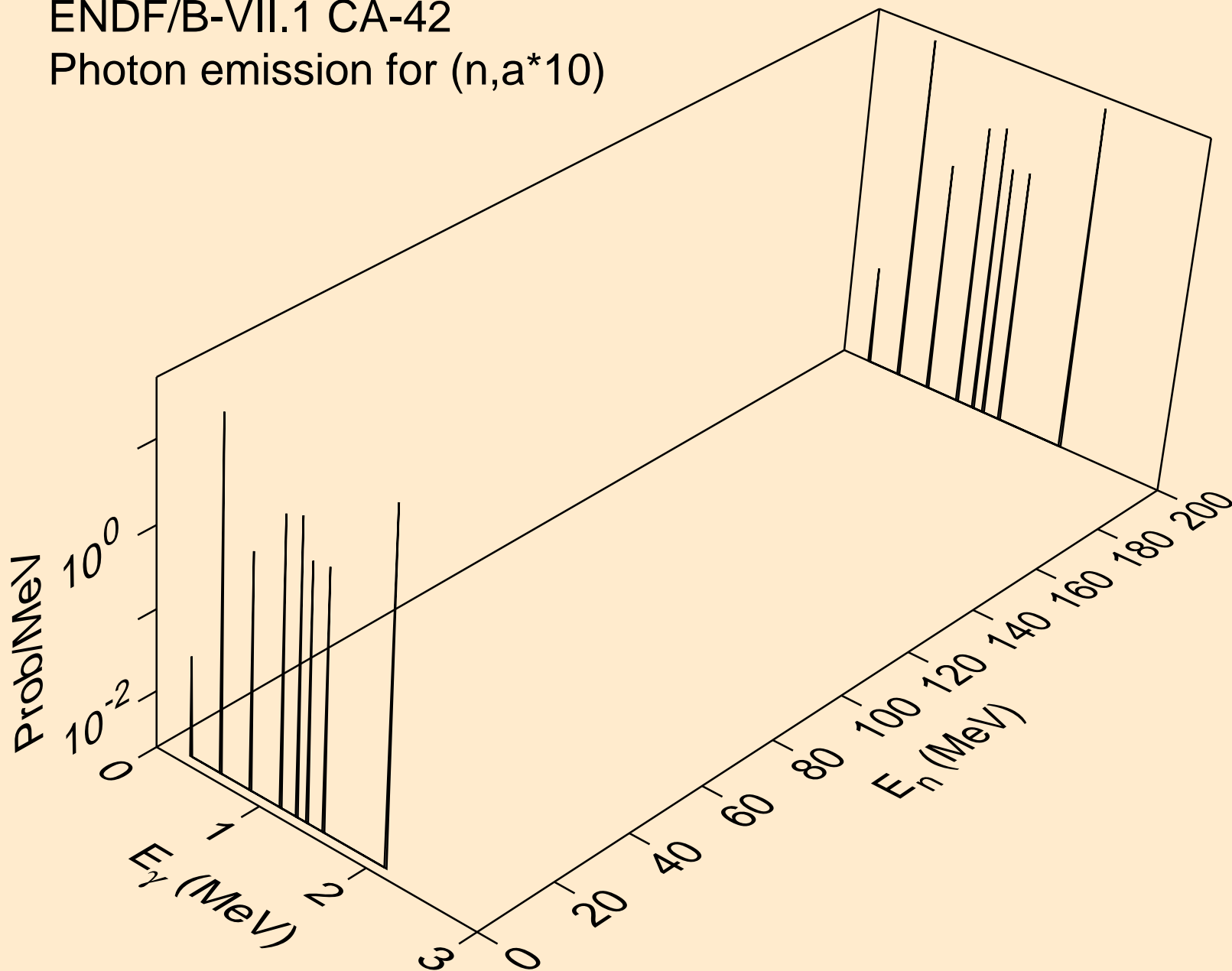
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Photon emission for (n,a*8)



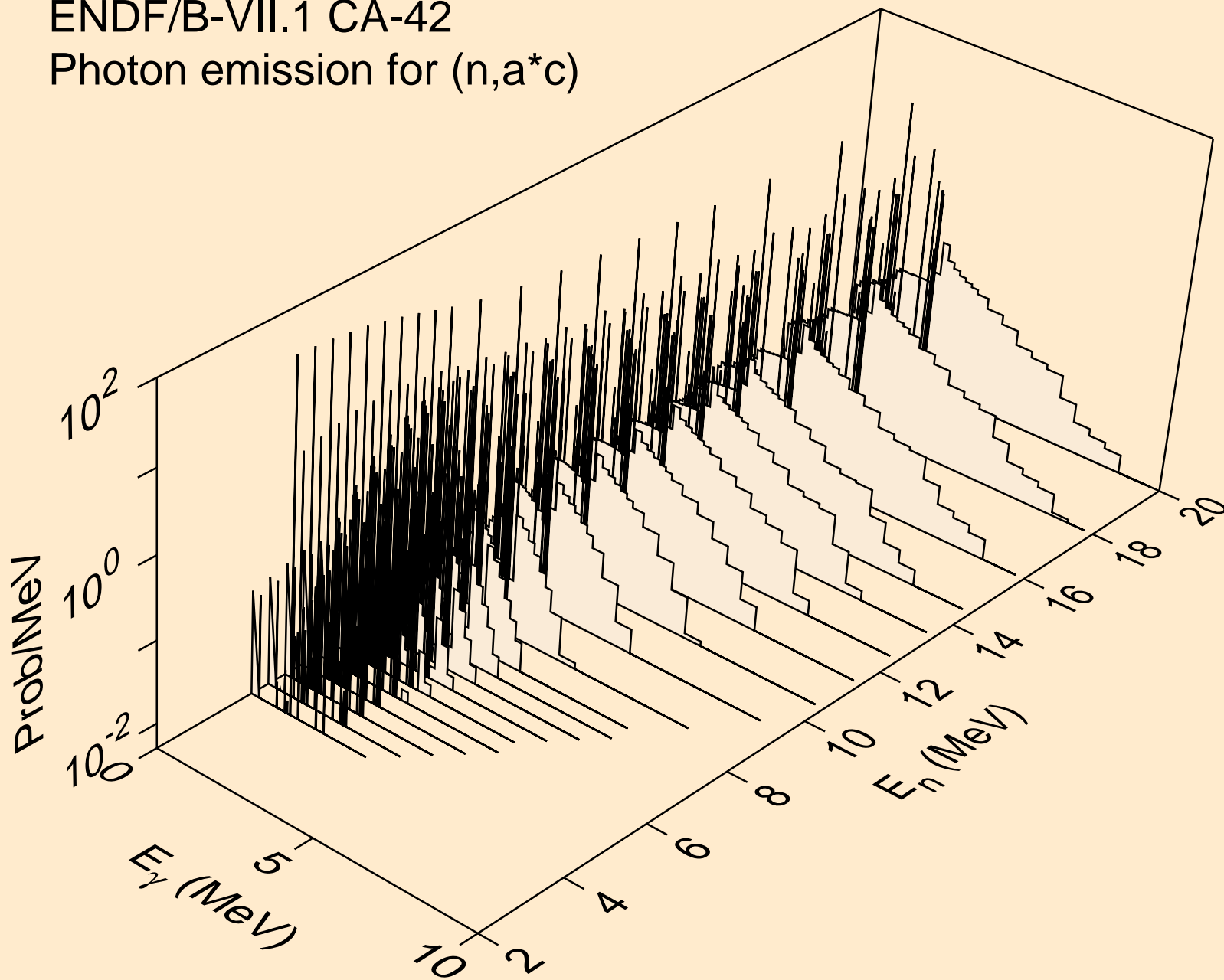
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Photon emission for (n,a*9)



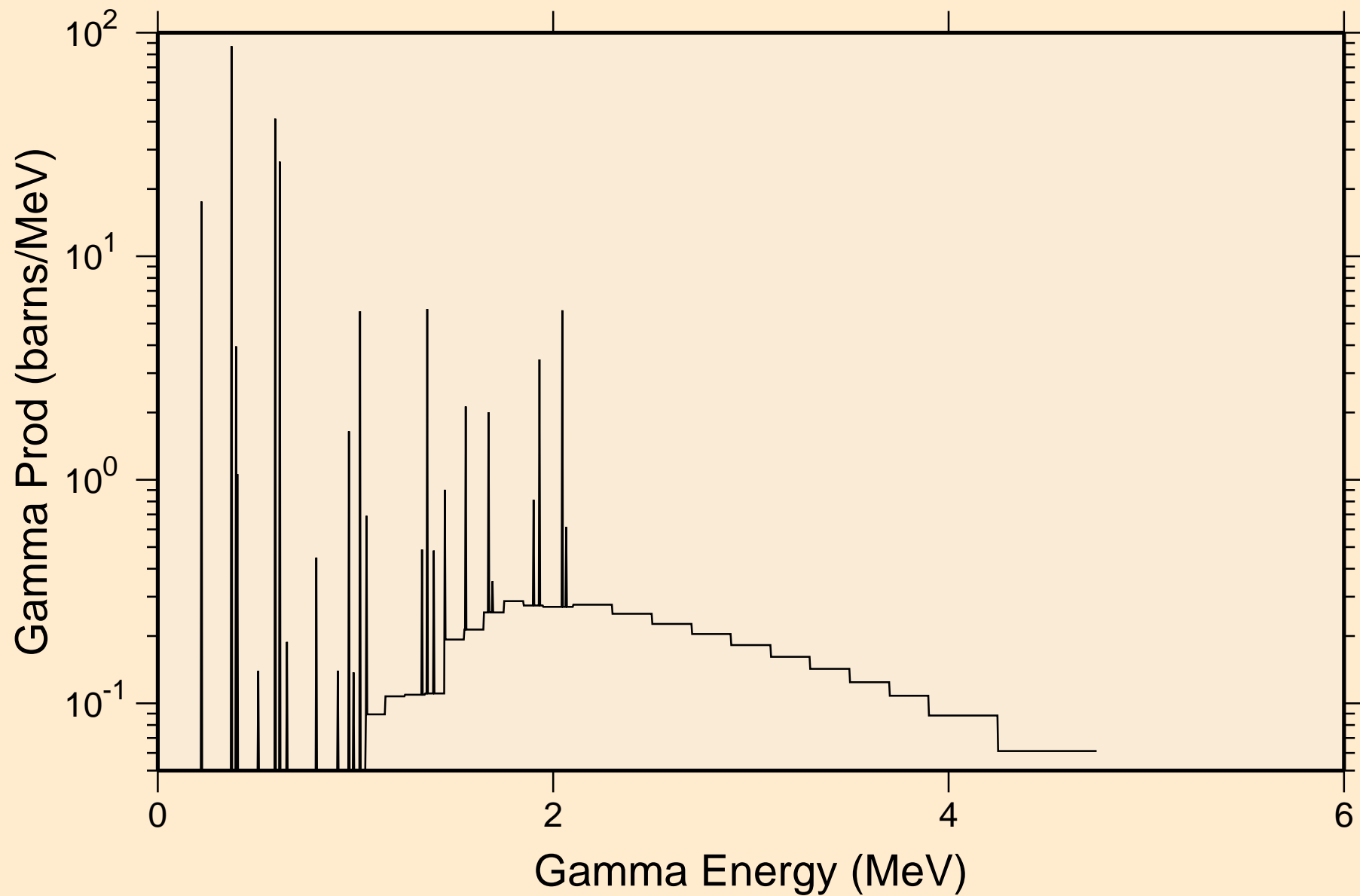
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Photon emission for (n,a*10)



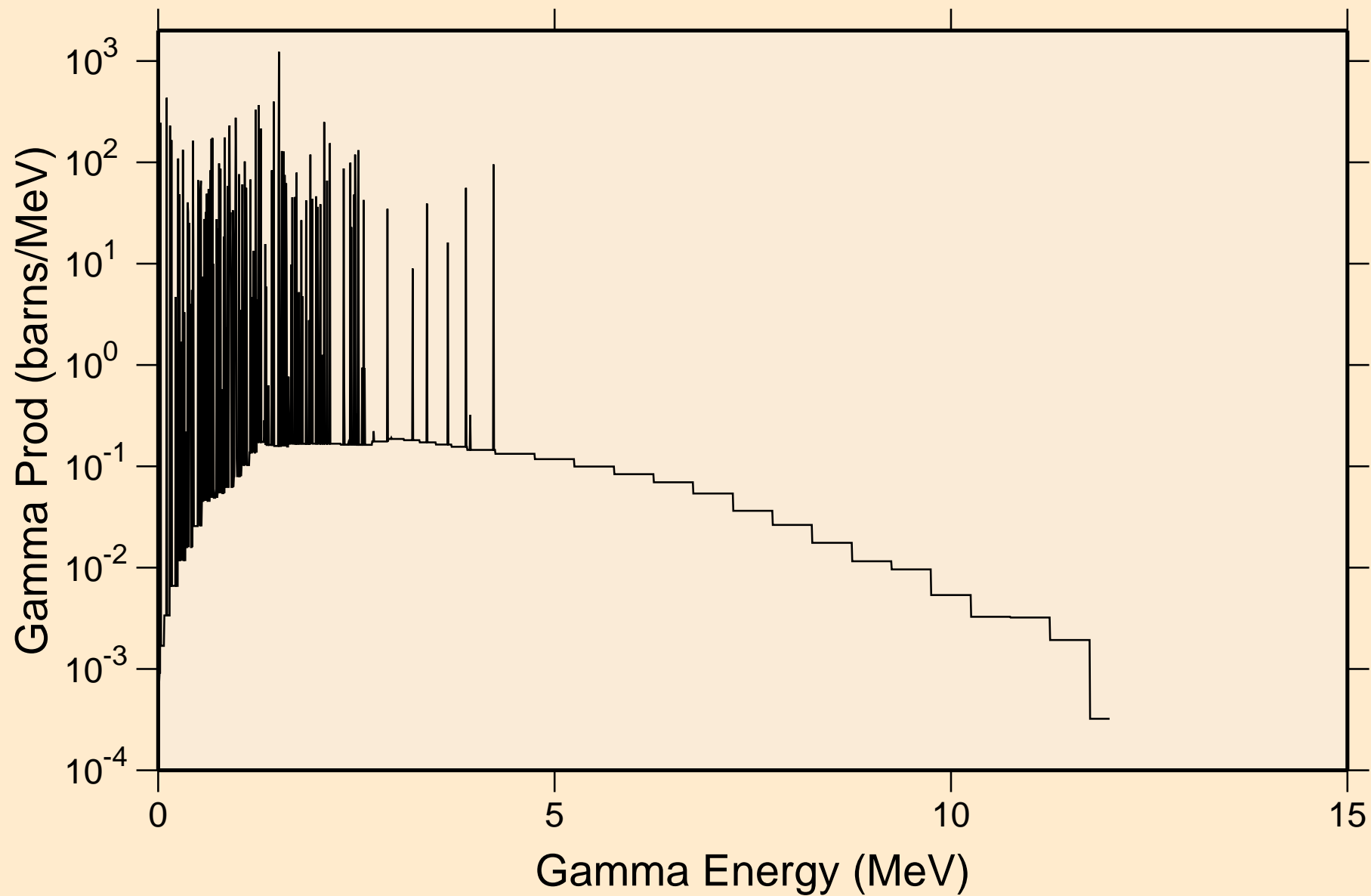
ENDF/B-VII.1 CA-42
Photon emission for (n,a*c)



ENDF/B-VII.1 CA-42
thermal capture photon spectrum

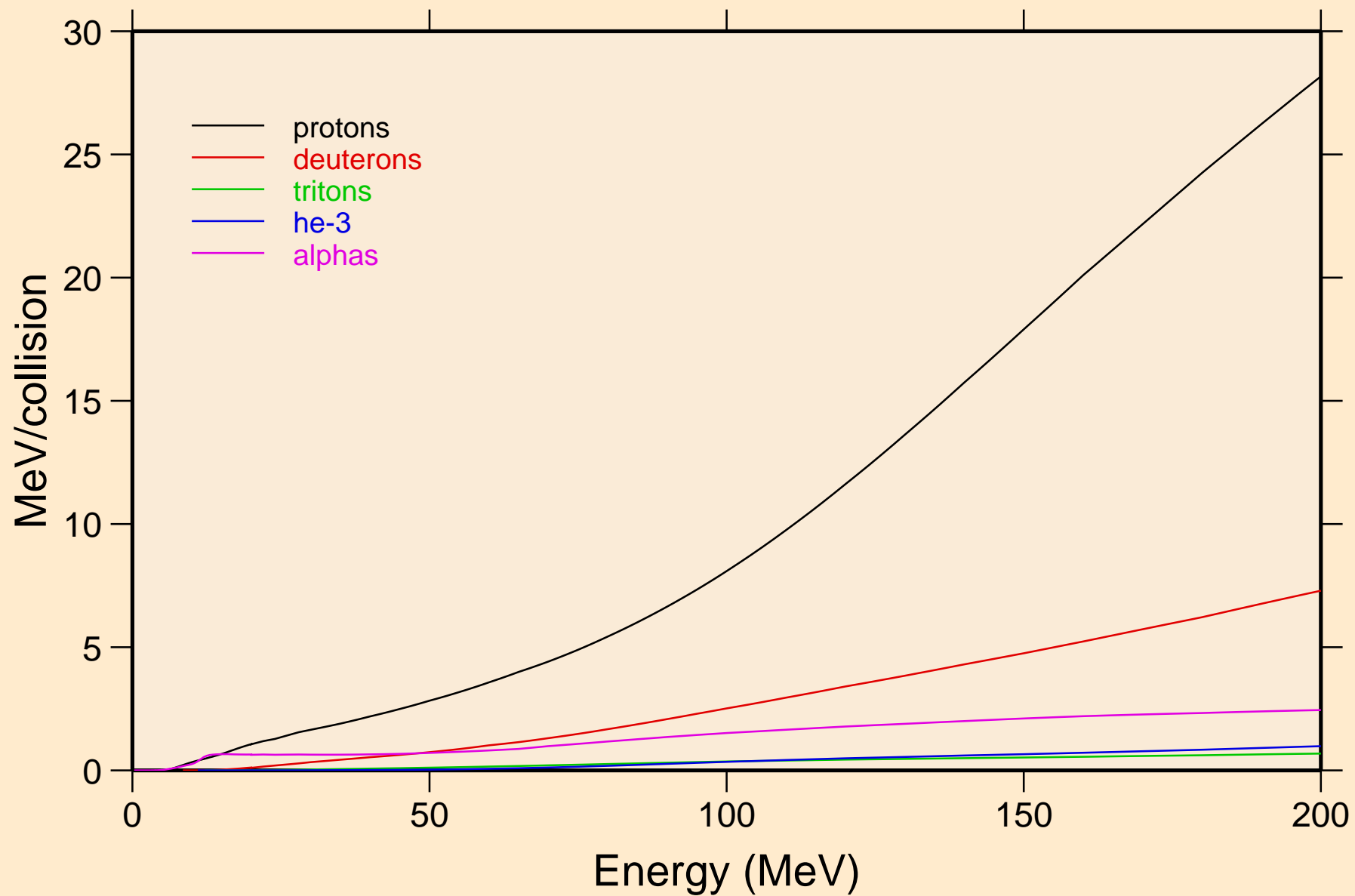


ENDF/B-VII.1 CA-42
14 MeV photon spectrum



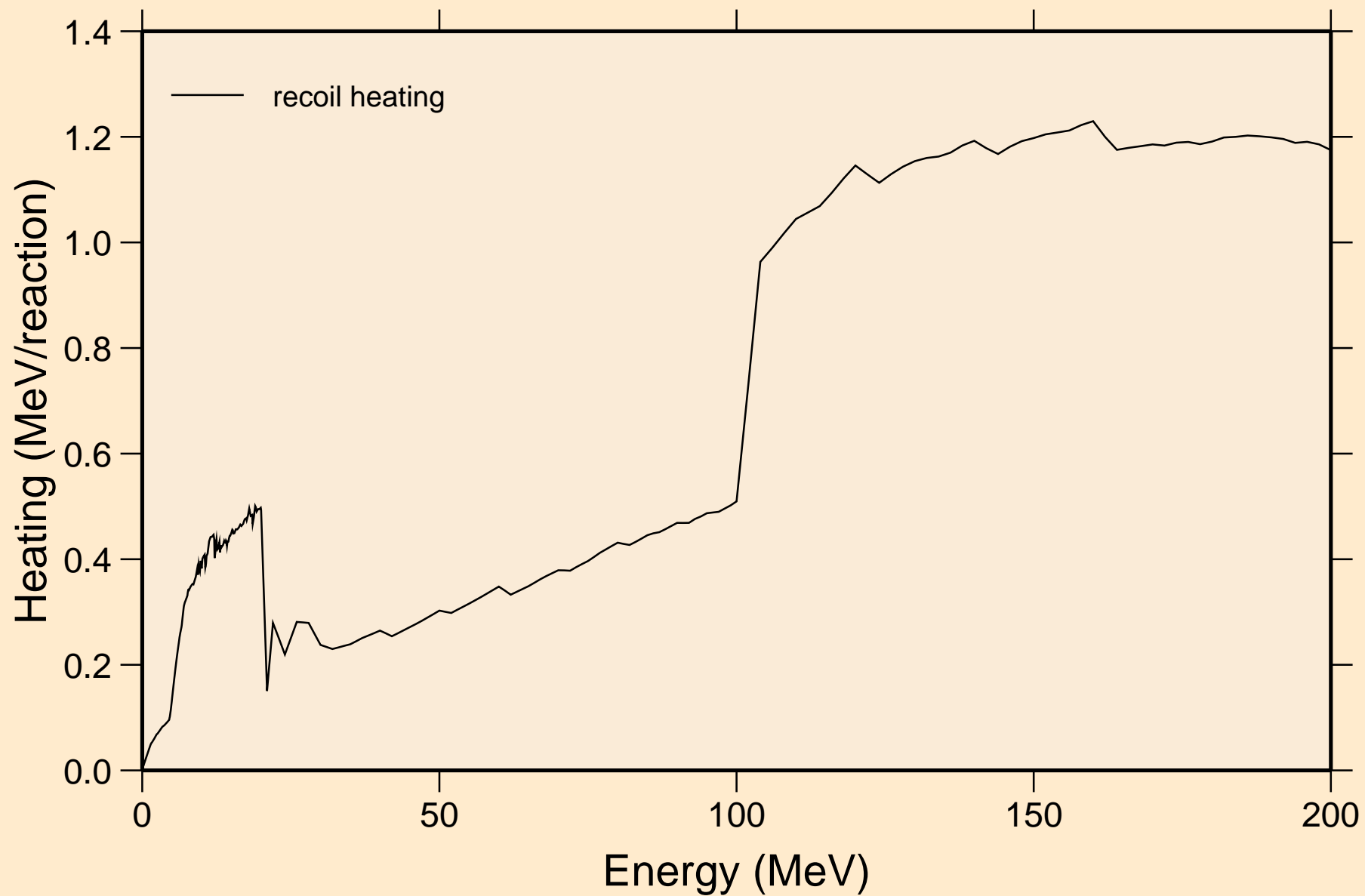
ENDF/B-VII.1 CA-42

Particle heating contributions



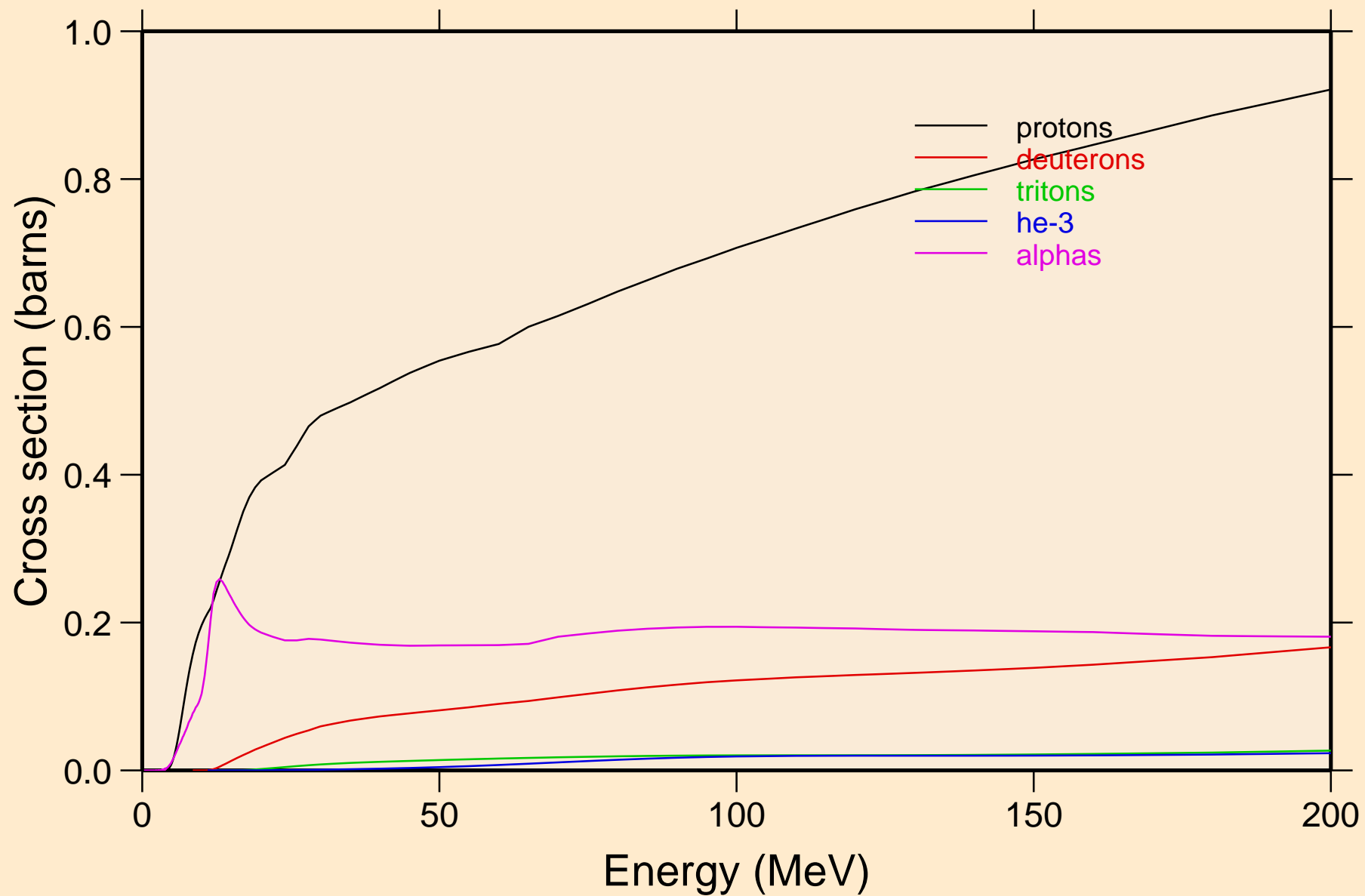
ENDF/B-VII.1 CA-42

Recoil Heating

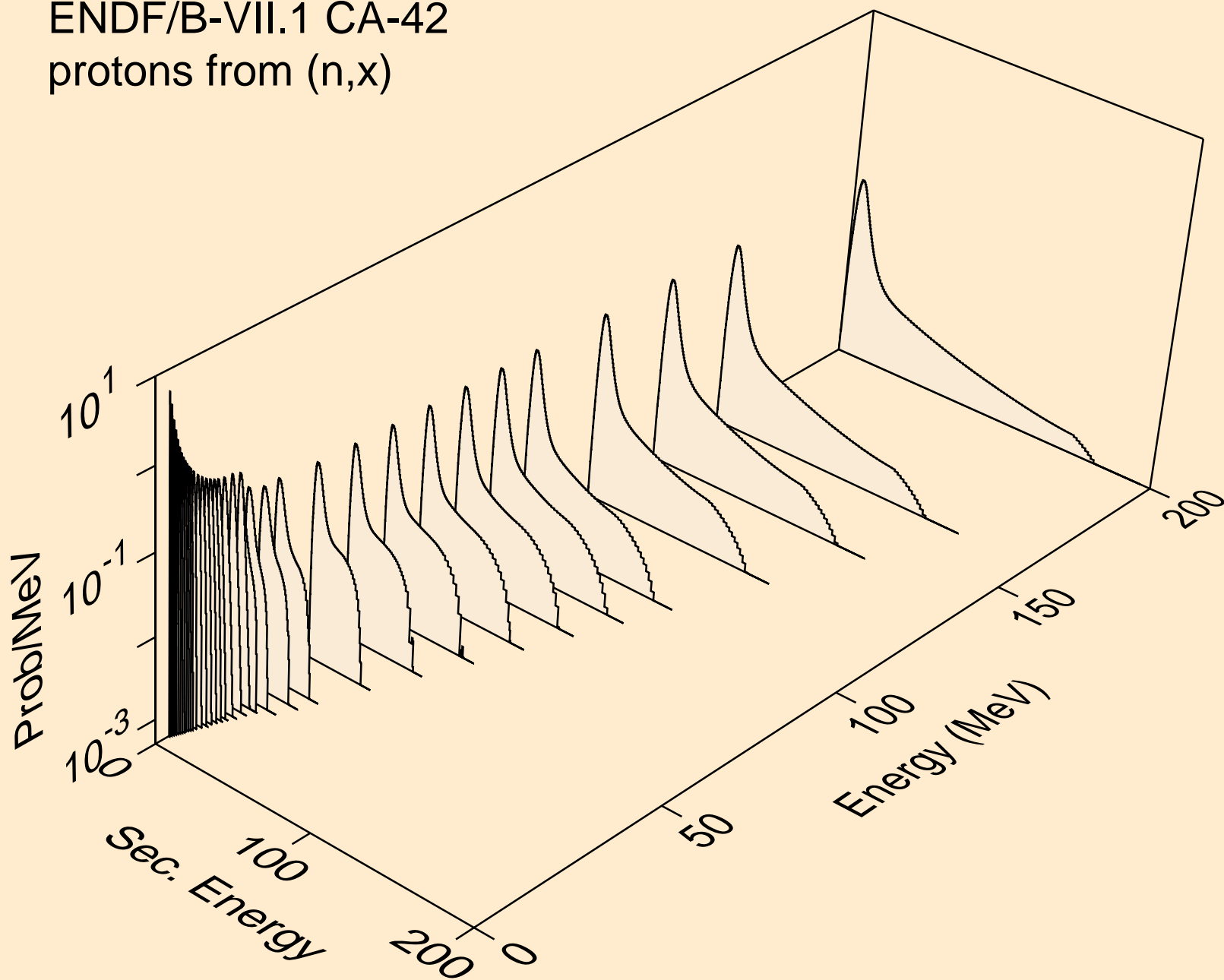


ENDF/B-VII.1 CA-42

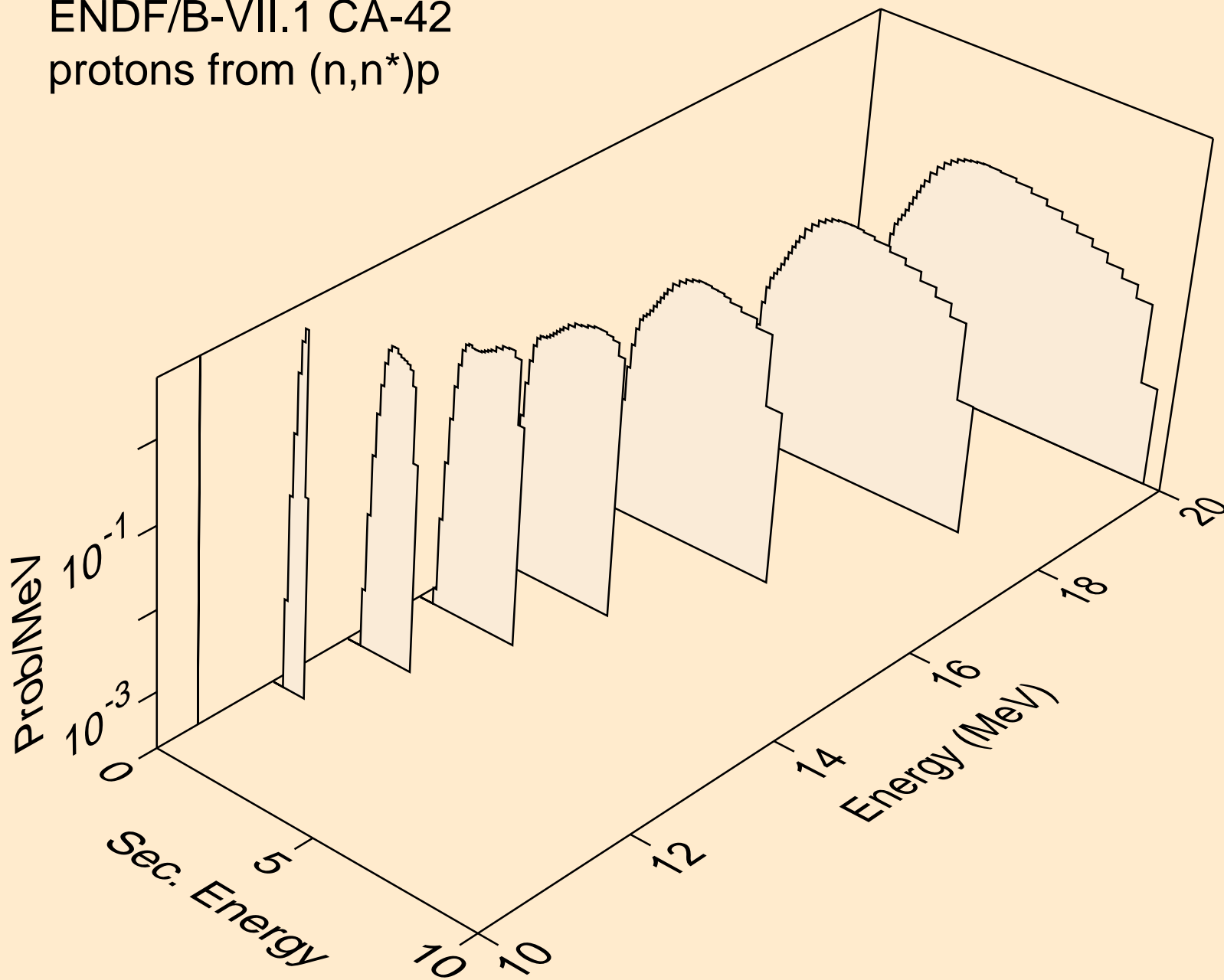
Particle production cross sections



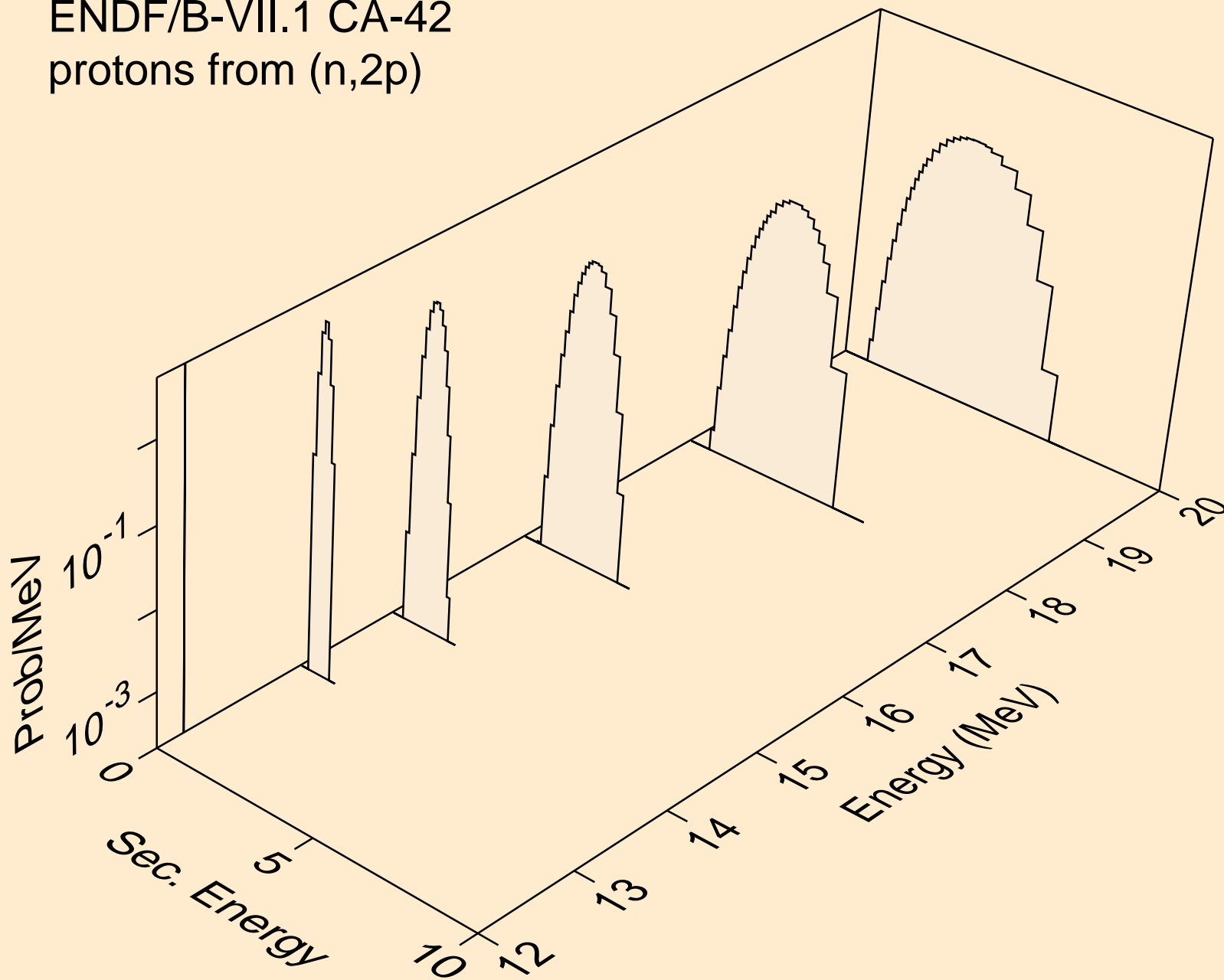
ENDF/B-VII.1 CA-42
protons from (n,x)



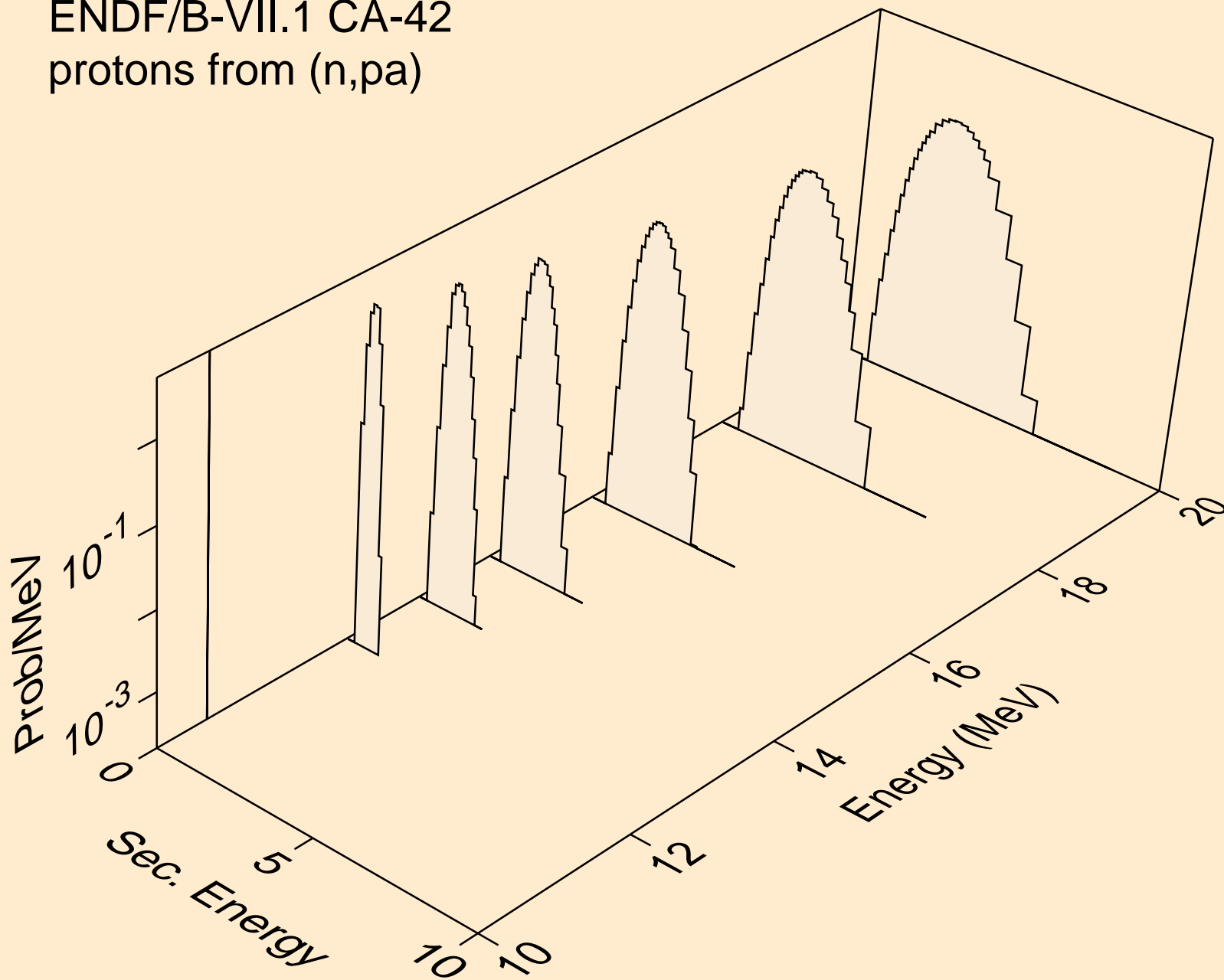
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protons from (n,n*)p



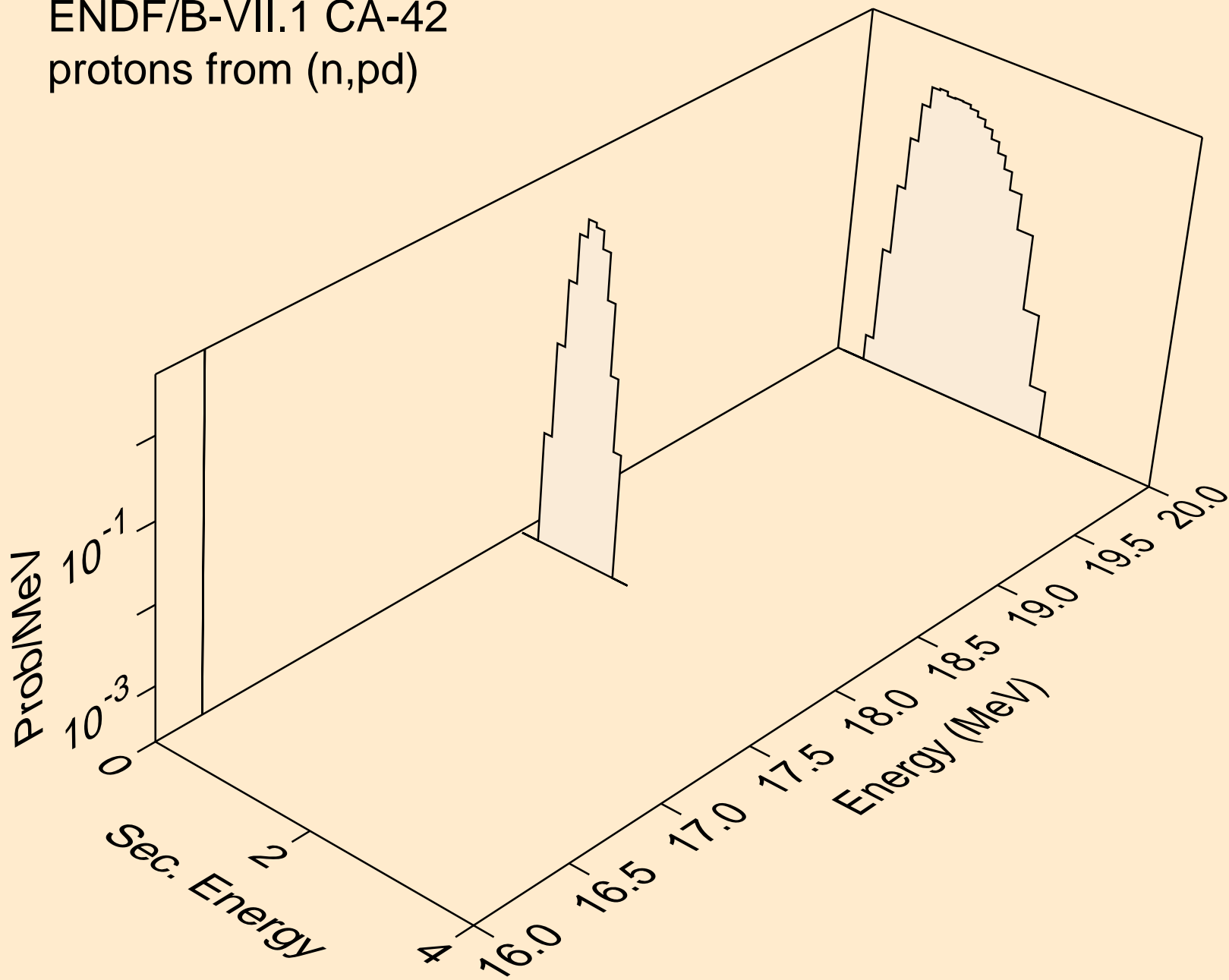
ENDF/B-VII.1 CA-42
protons from (n,2p)



ENDF/B-VII.1 CA-42
protons from (n,pa)

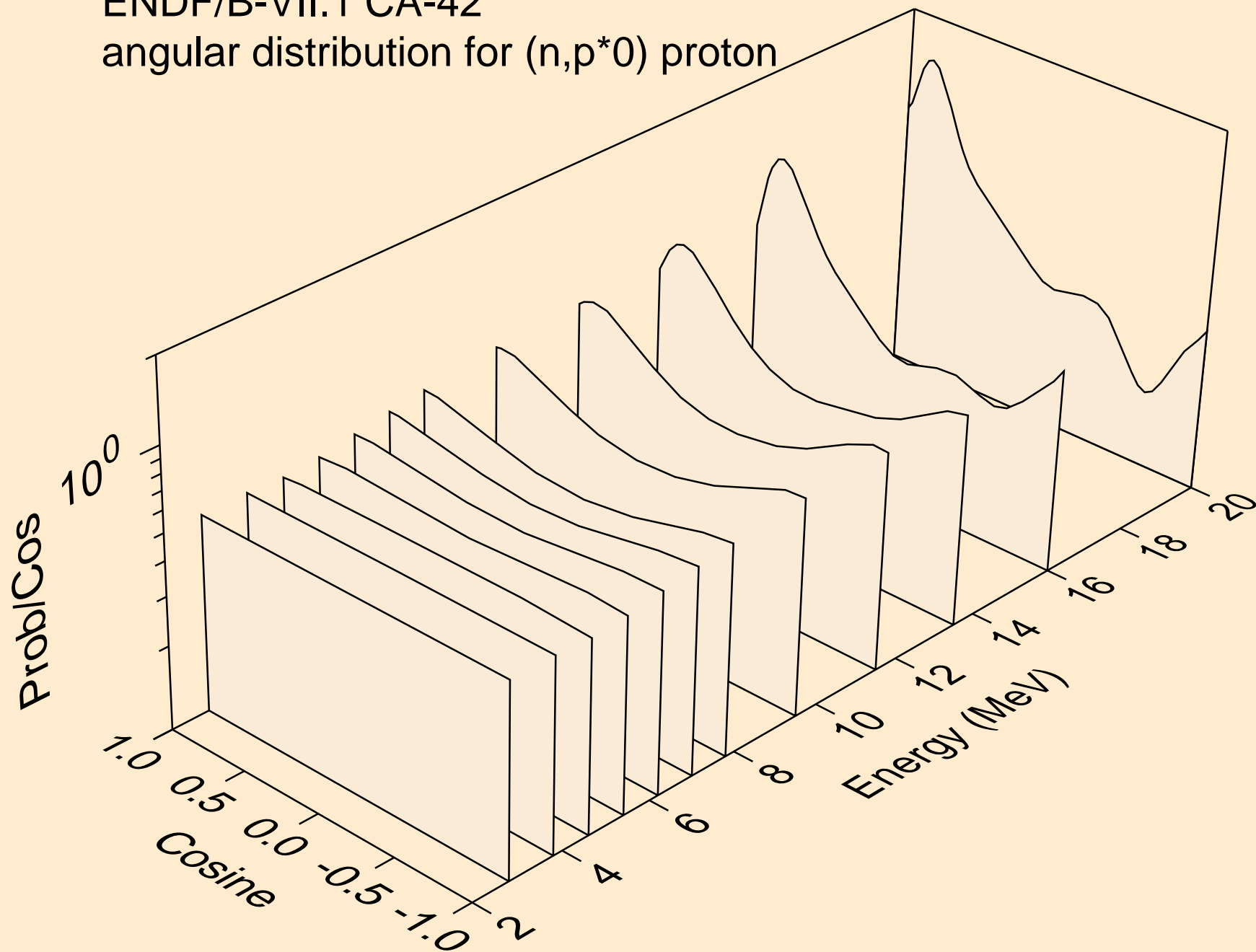


ENDF/B-VII.1 CA-42
protons from (n,pd)



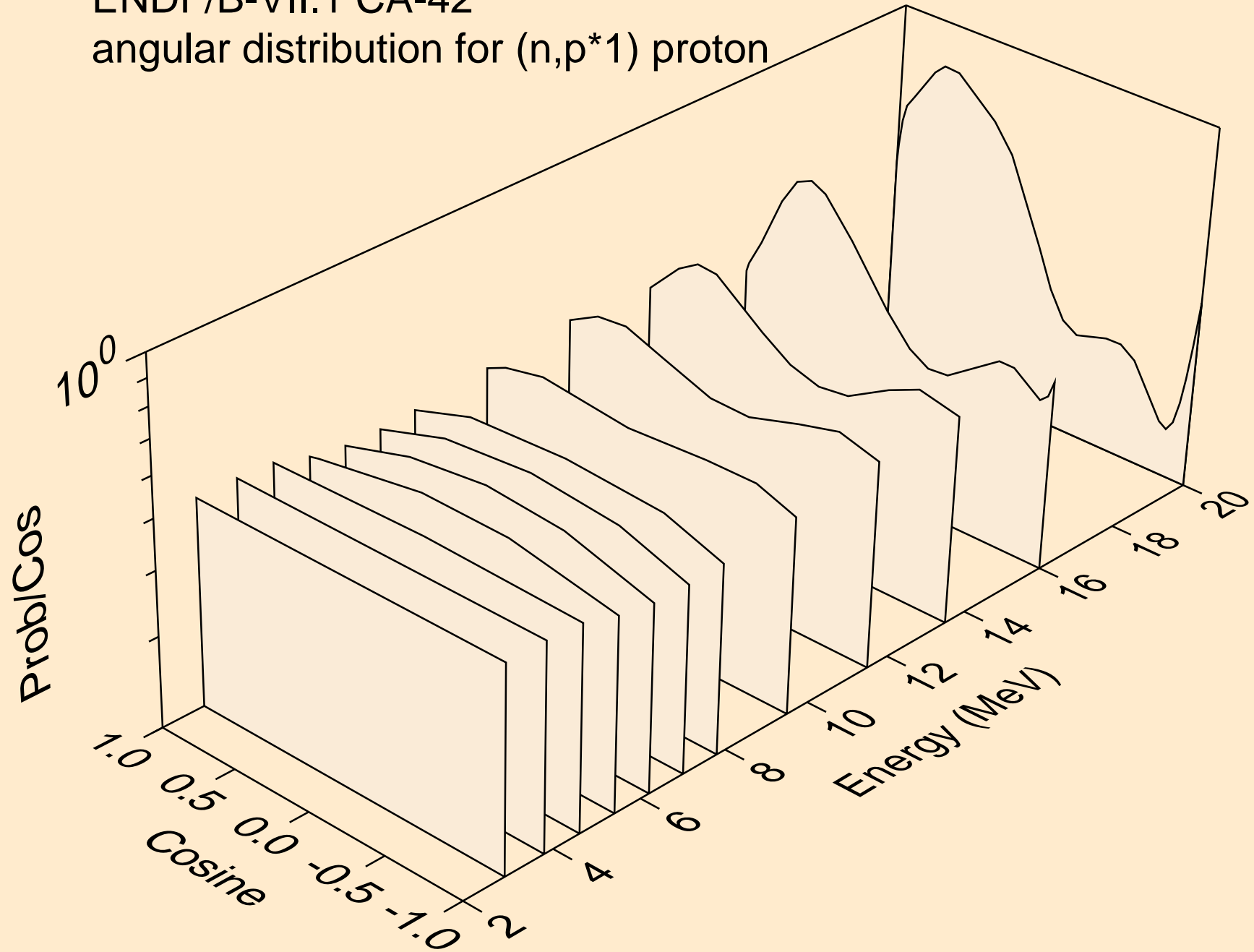
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angular distribution for (n,p*0) proton



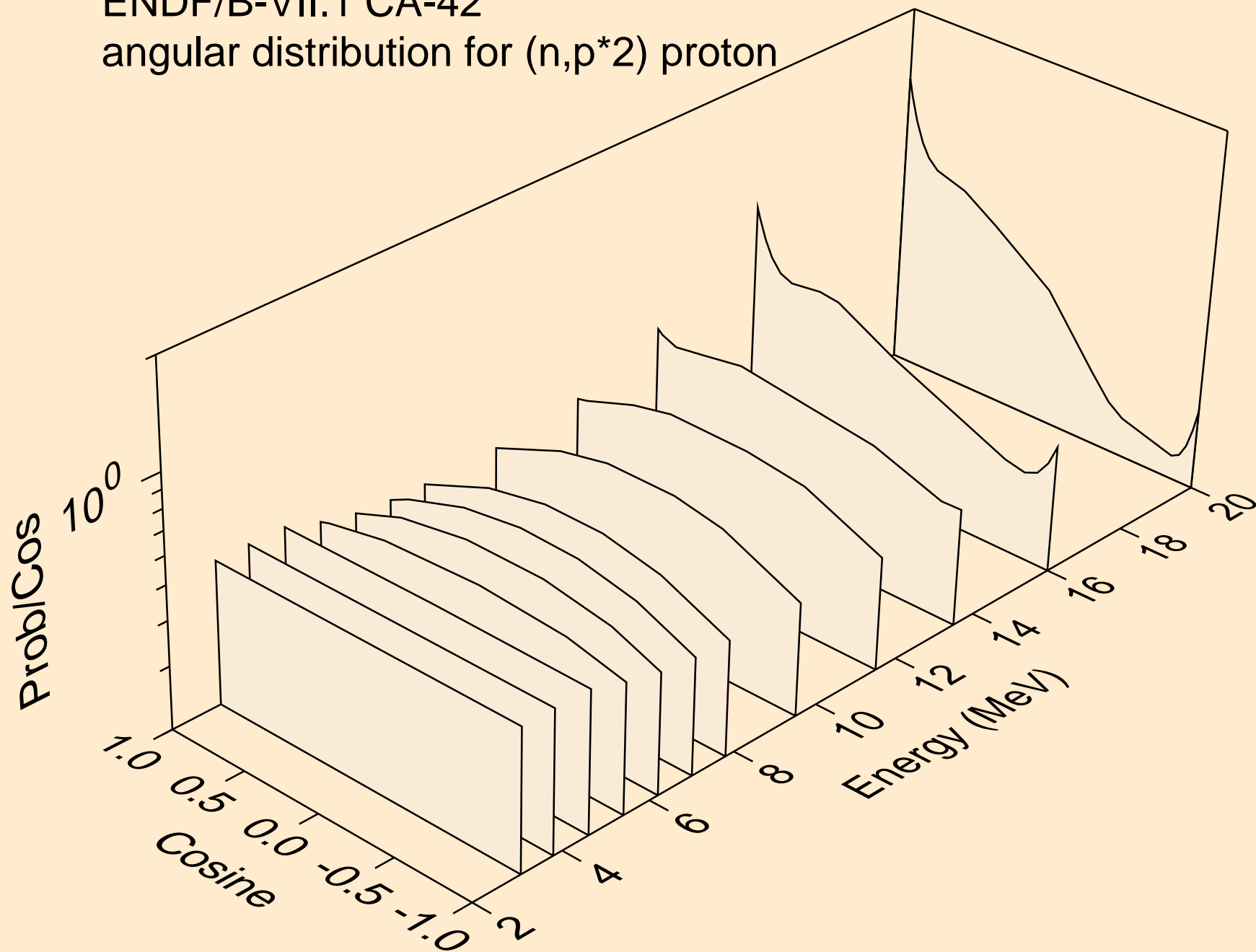
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angular distribution for (n,p*1) proton



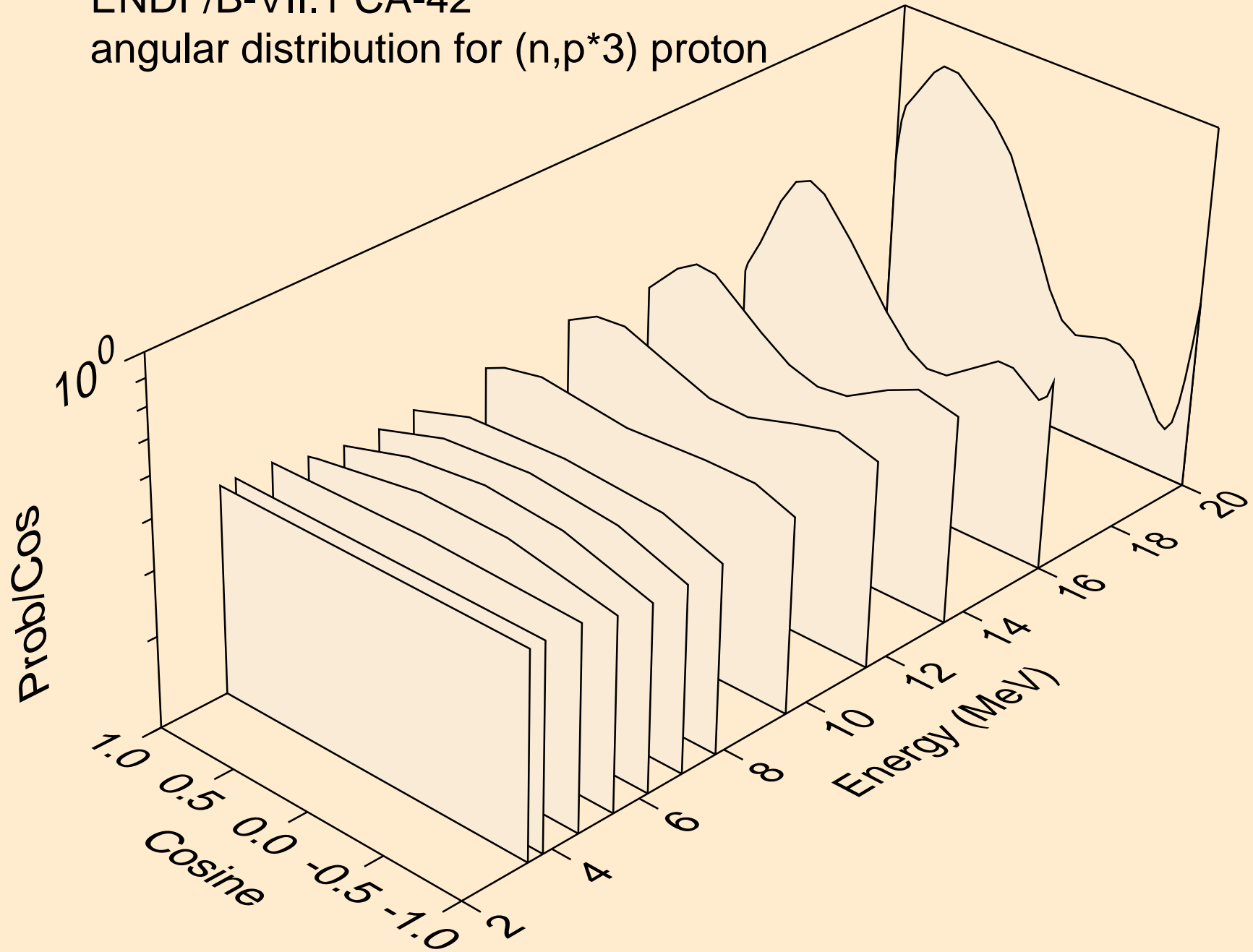
ENDF/B-VII.1 CA-42

angular distribution for (n,p*2) proton



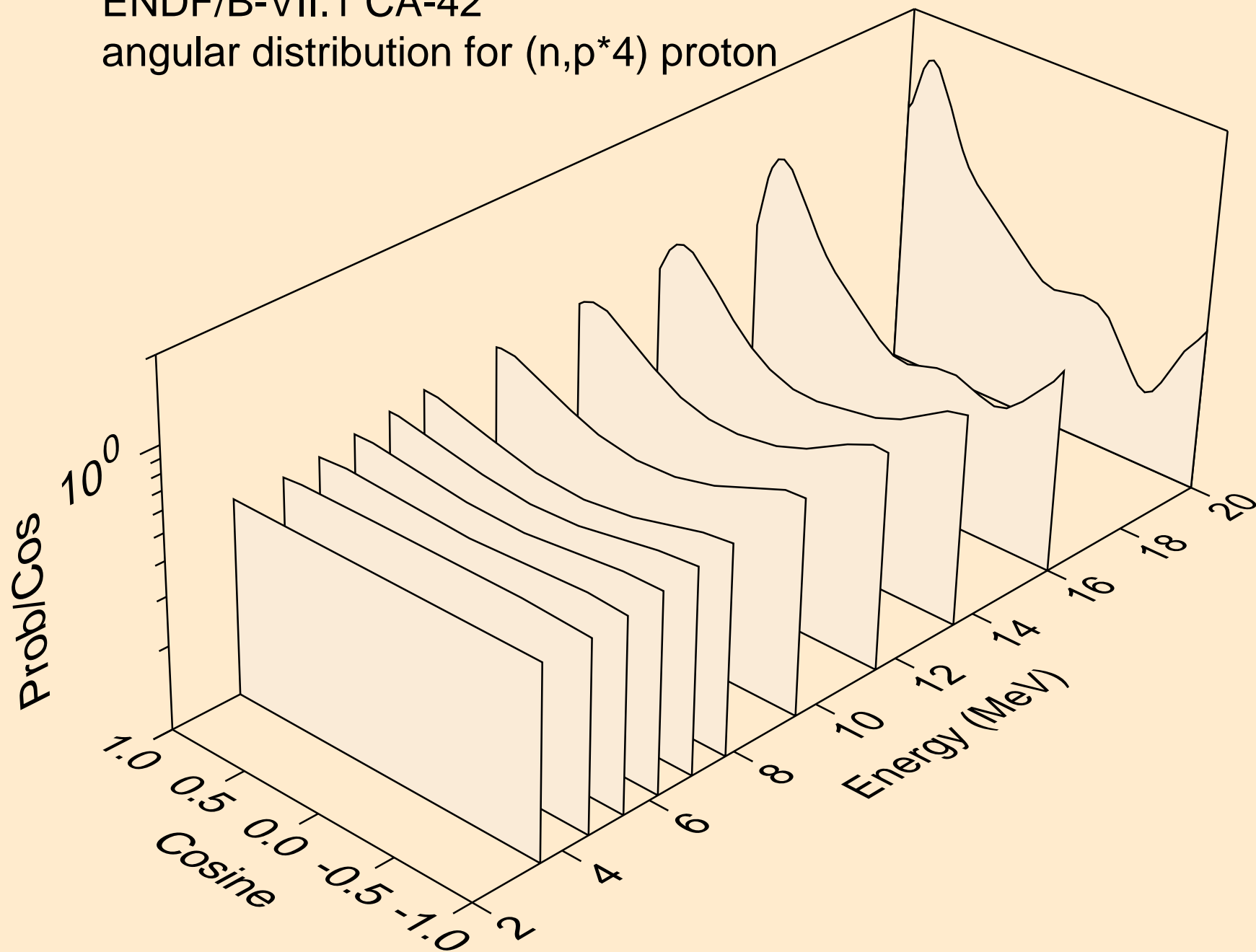
ENDF/B-VII.1 CA-42

angular distribution for (n,p*3) proton



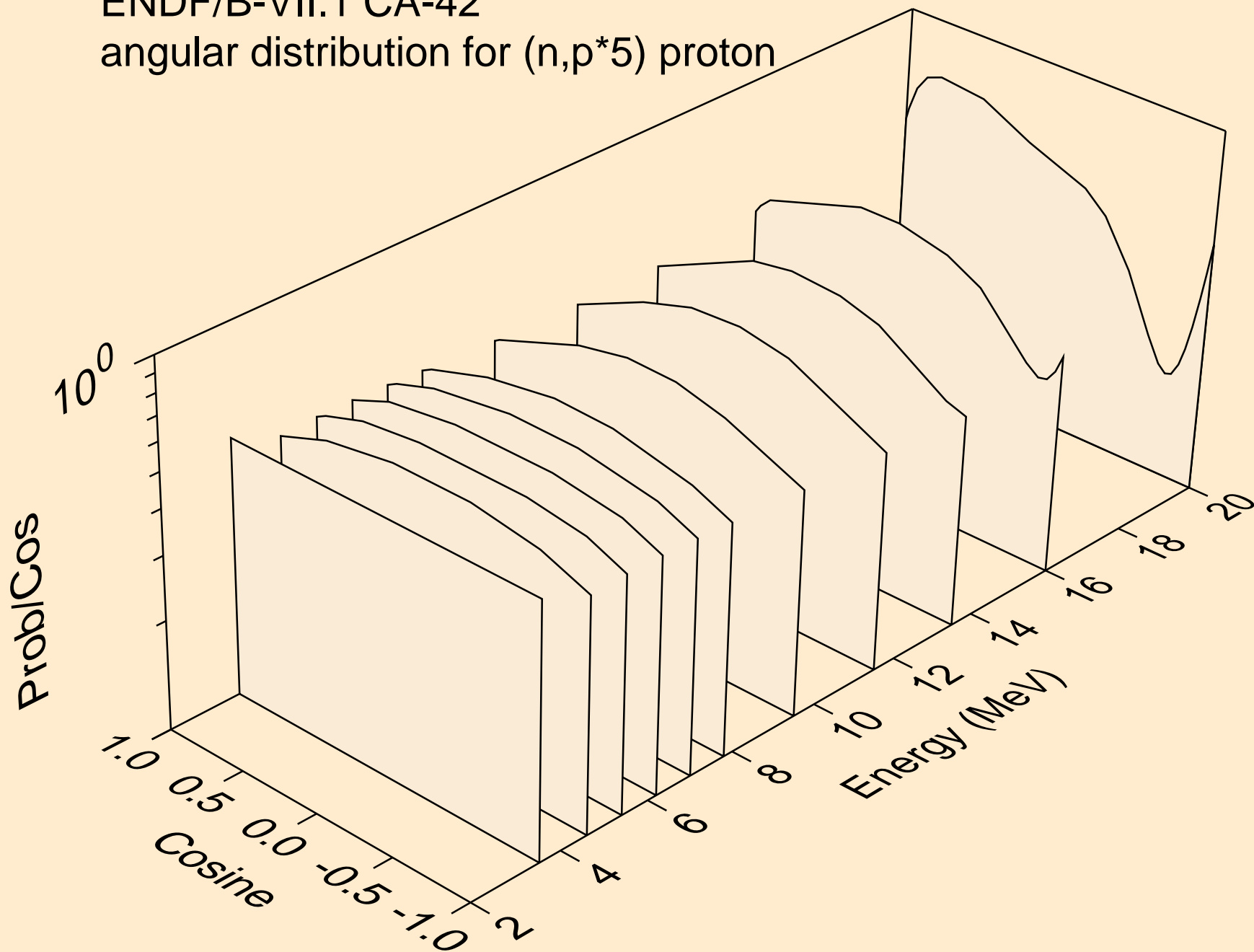
ENDF/B-VII.1 CA-42

angular distribution for (n,p*4) proton



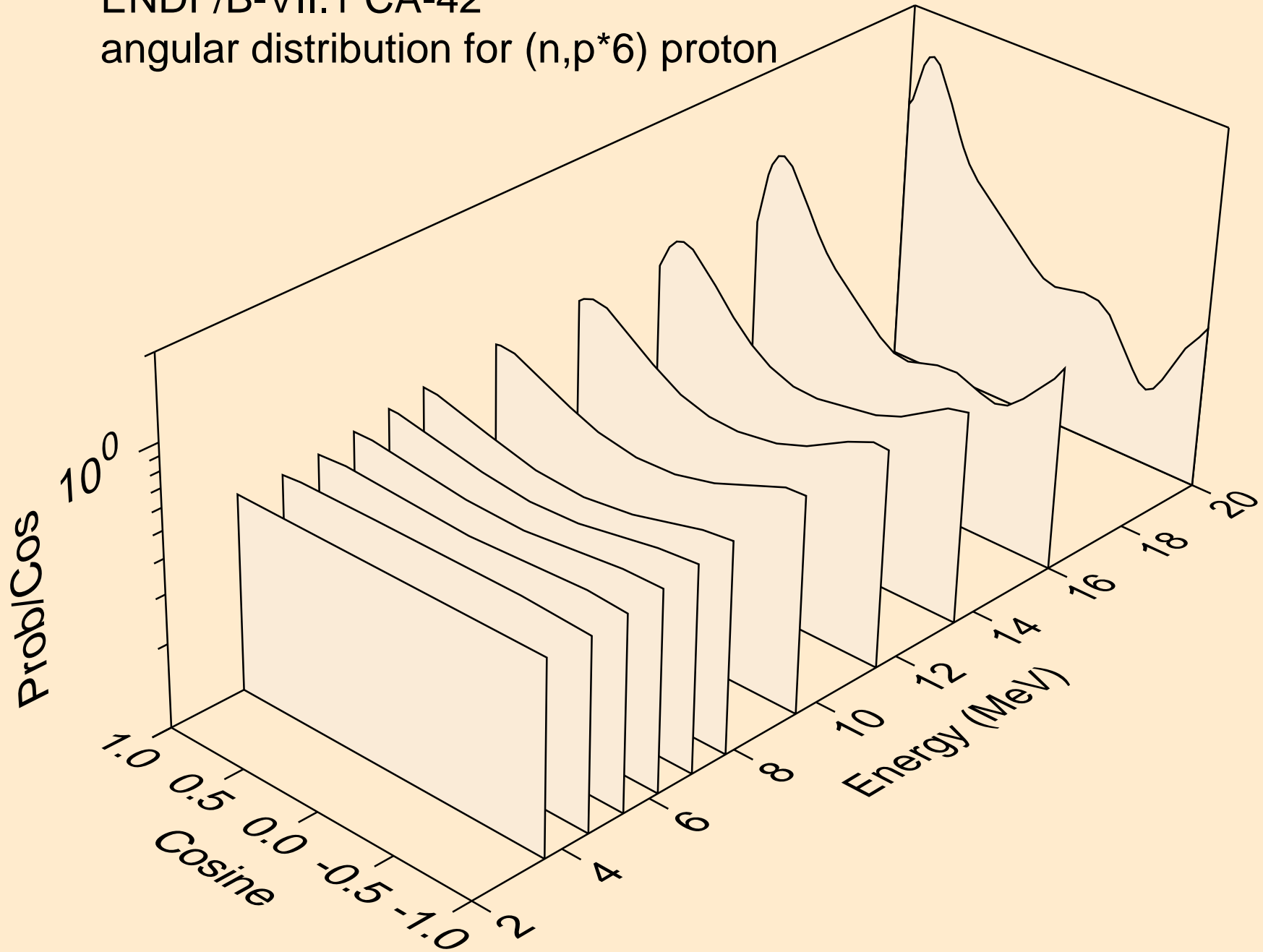
ENDF/B-VII.1 CA-42

angular distribution for (n,p*5) proton



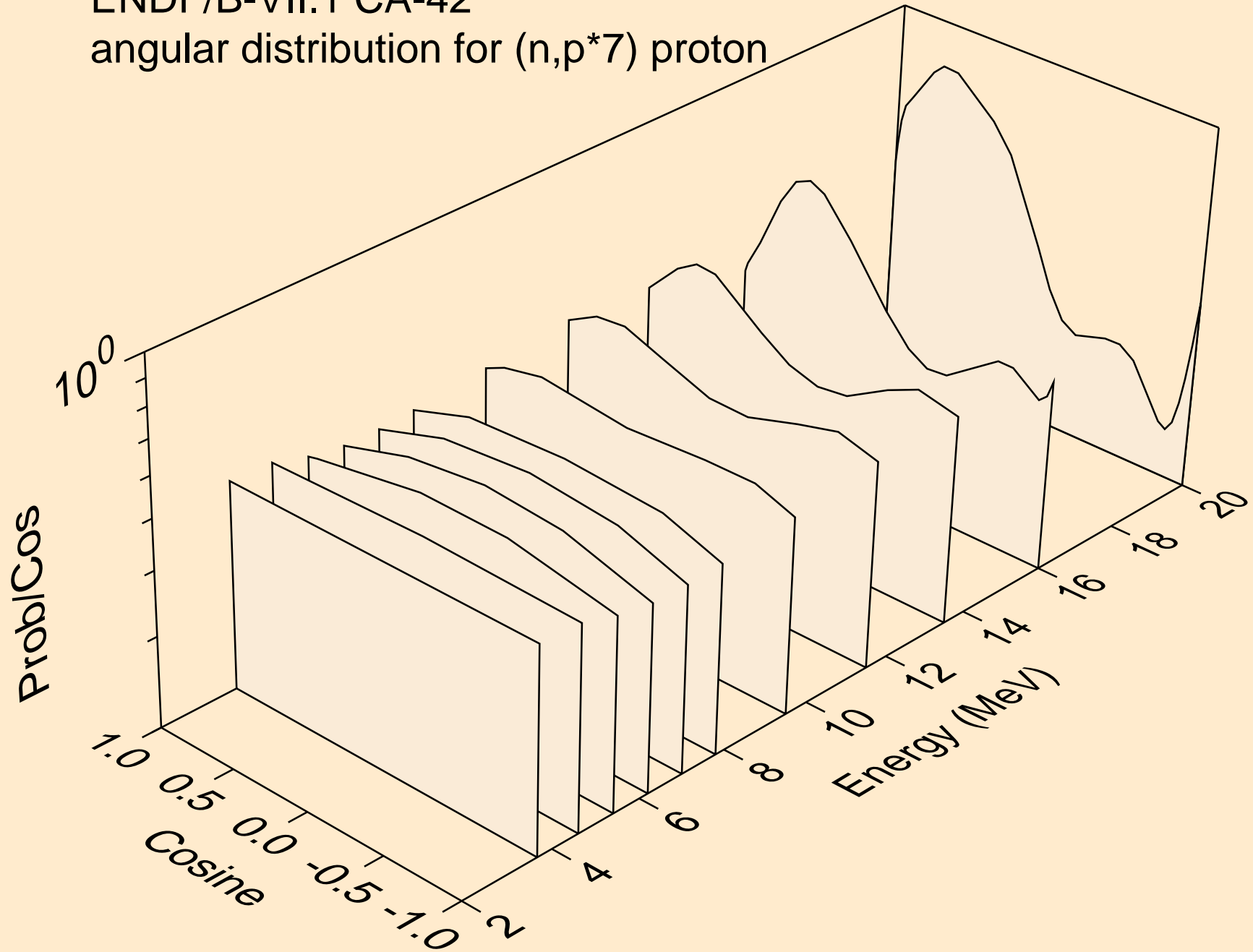
ENDF/B-VII.1 CA-42

angular distribution for (n,p*6) proton



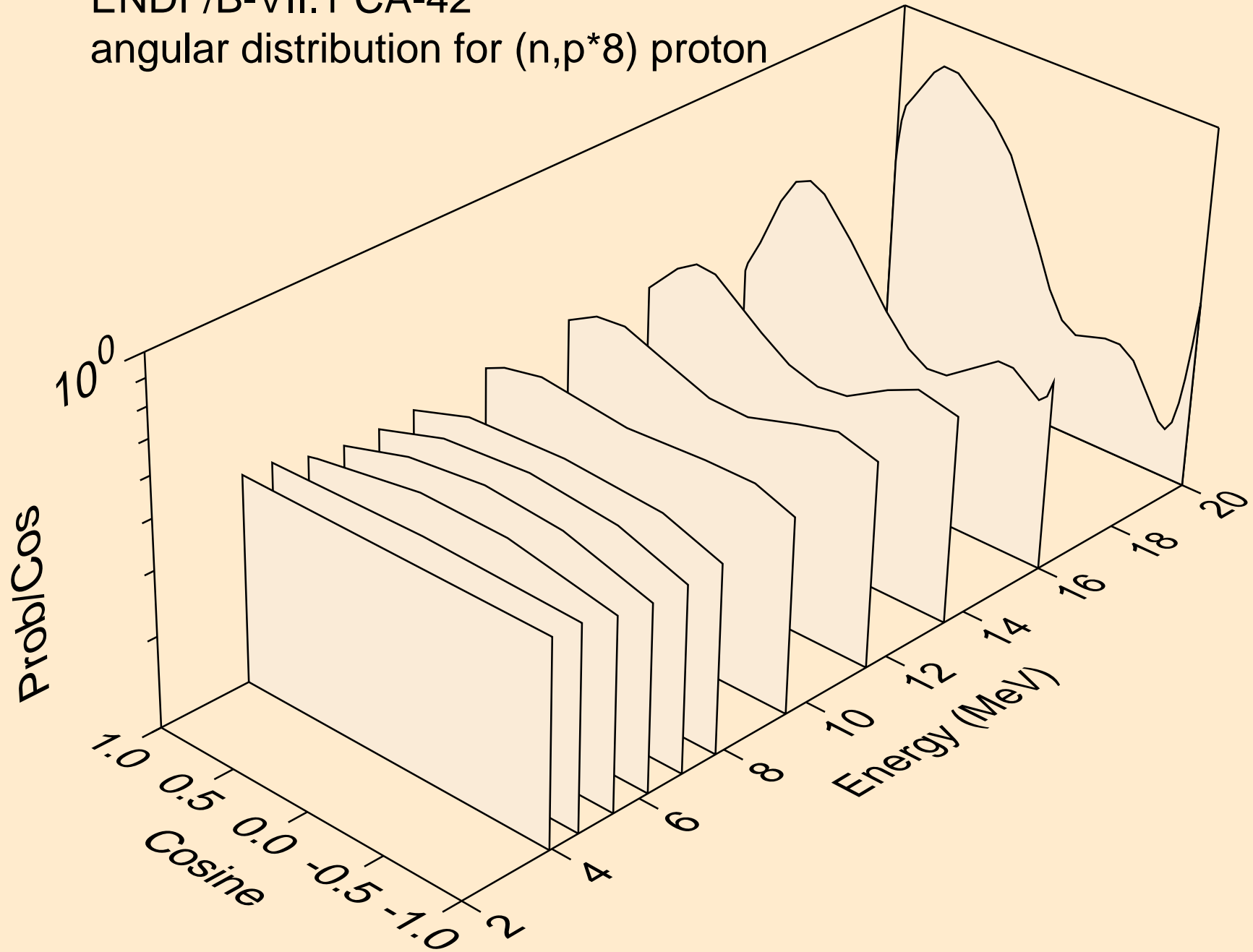
ENDF/B-VII.1 CA-42

angular distribution for (n,p*7) proton



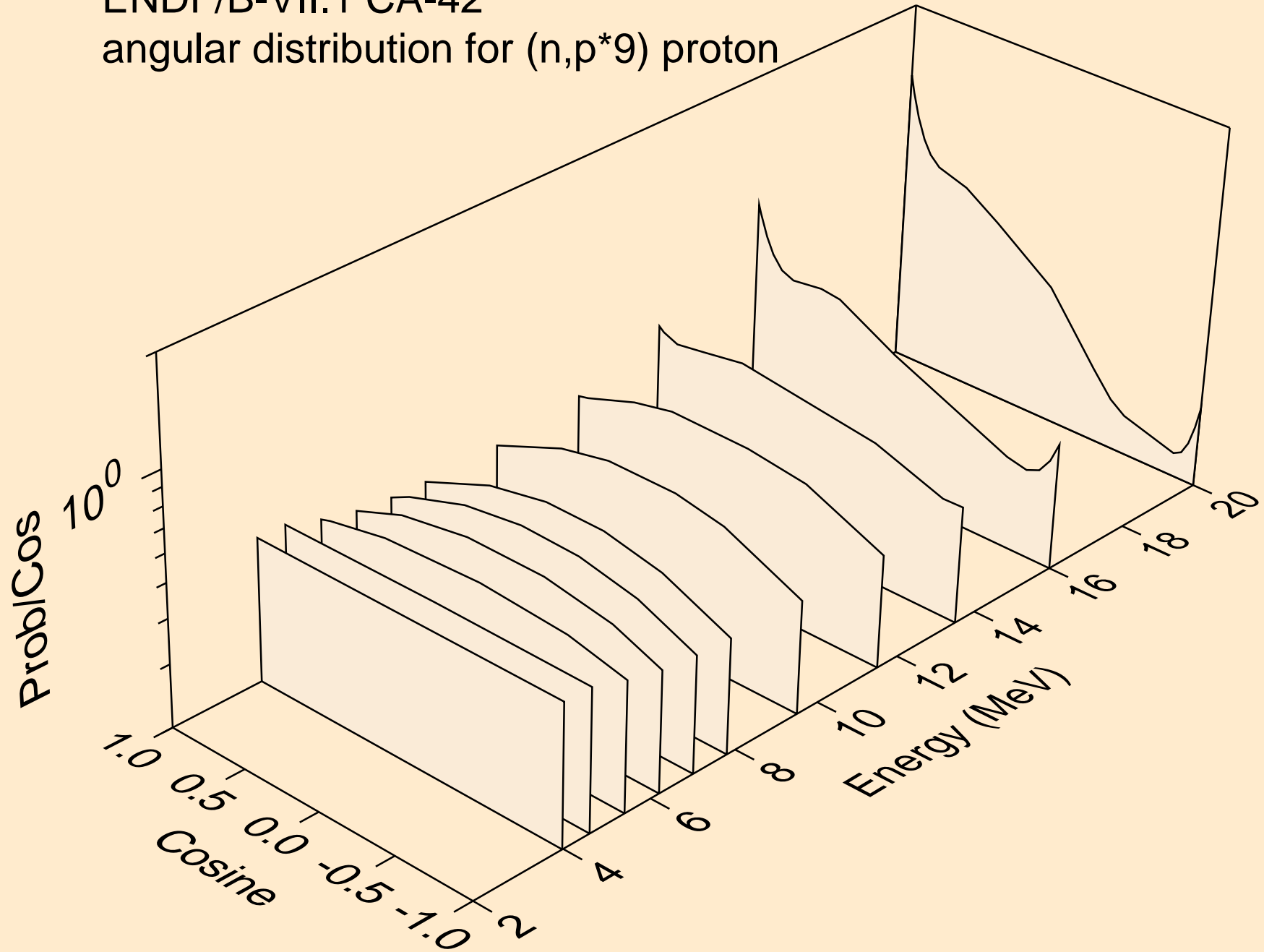
ENDF/B-VII.1 CA-42

angular distribution for (n,p*8) proton



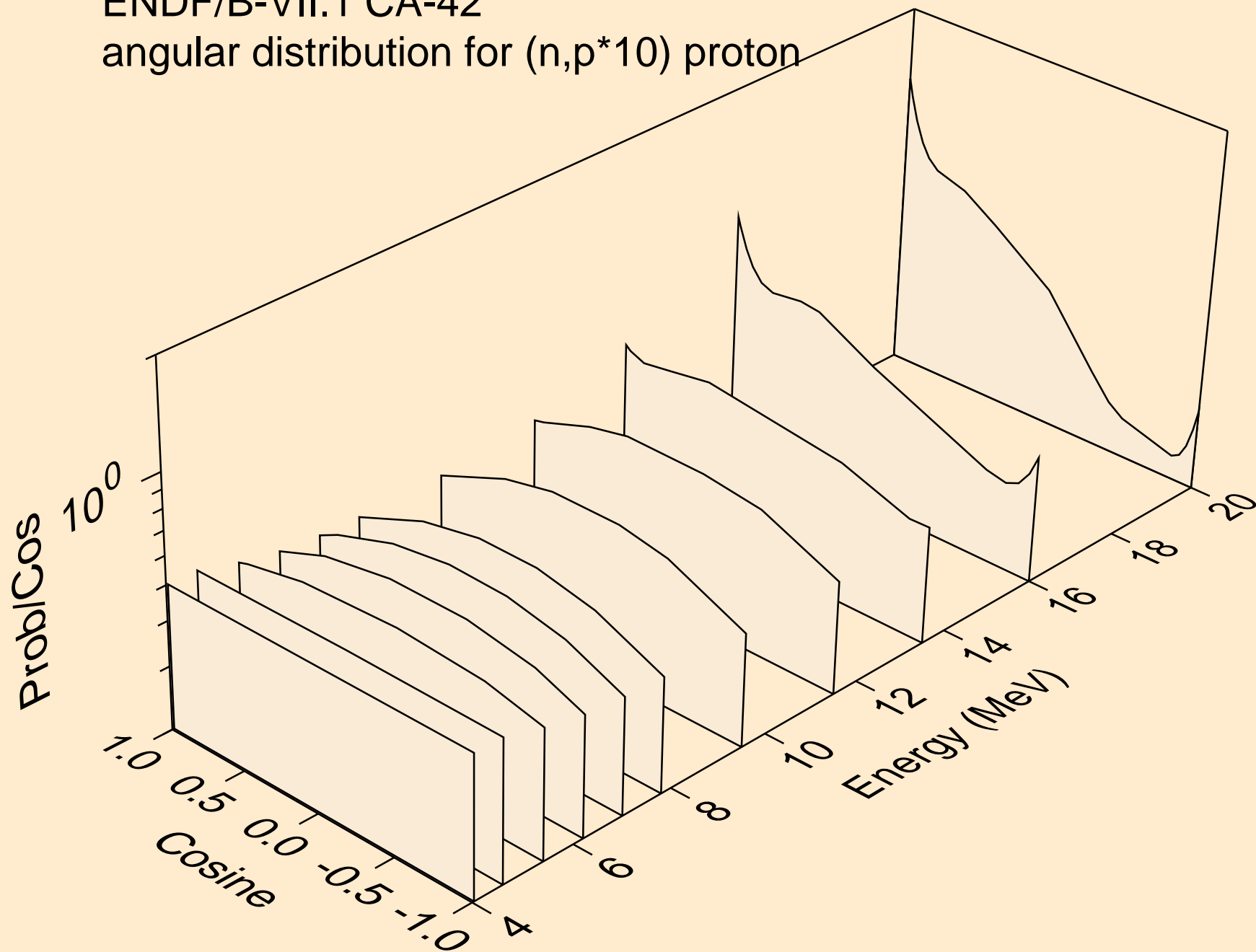
ENDF/B-VII.1 CA-42

angular distribution for (n,p*9) proton

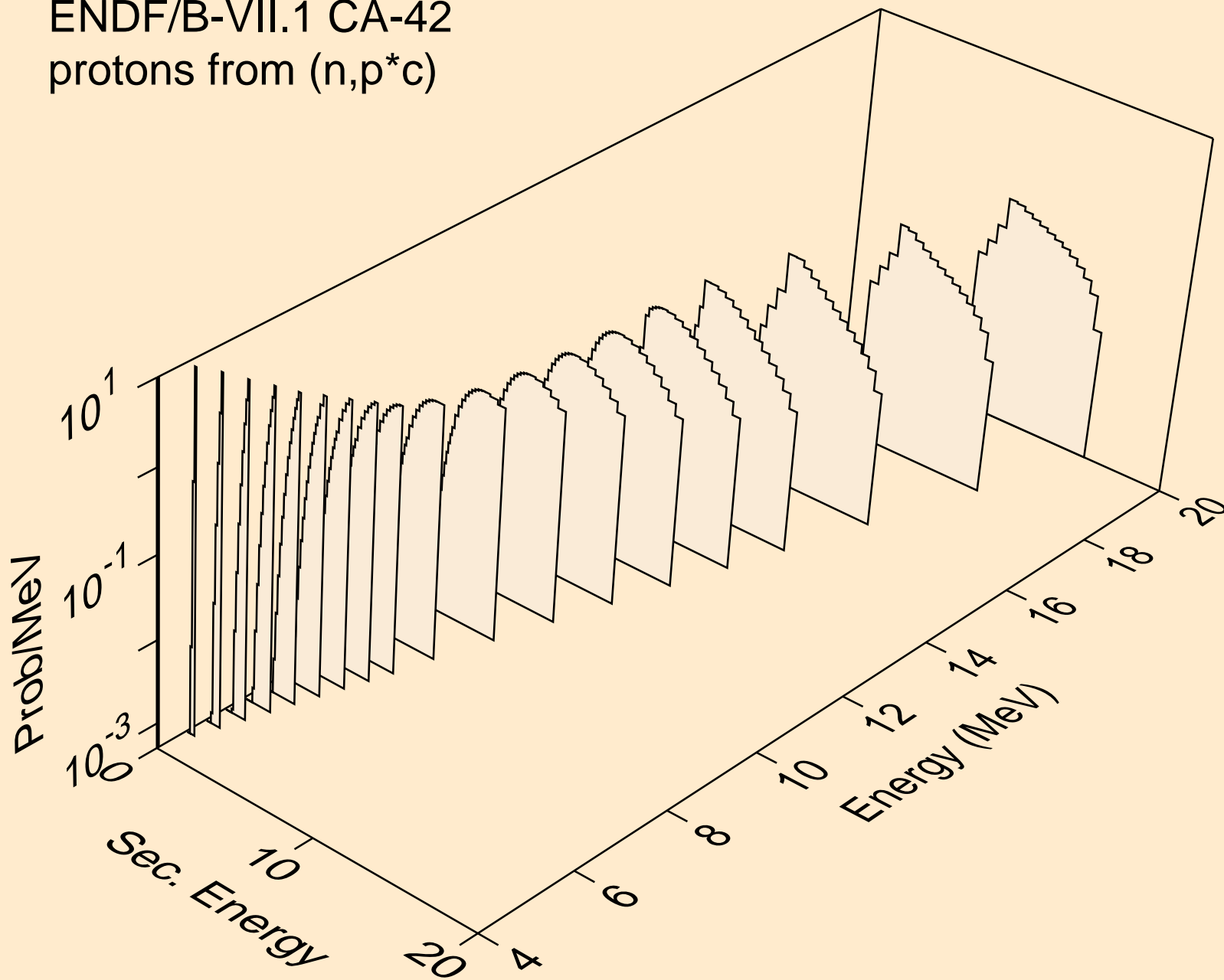


ENDF/B-VII.1 CA-42

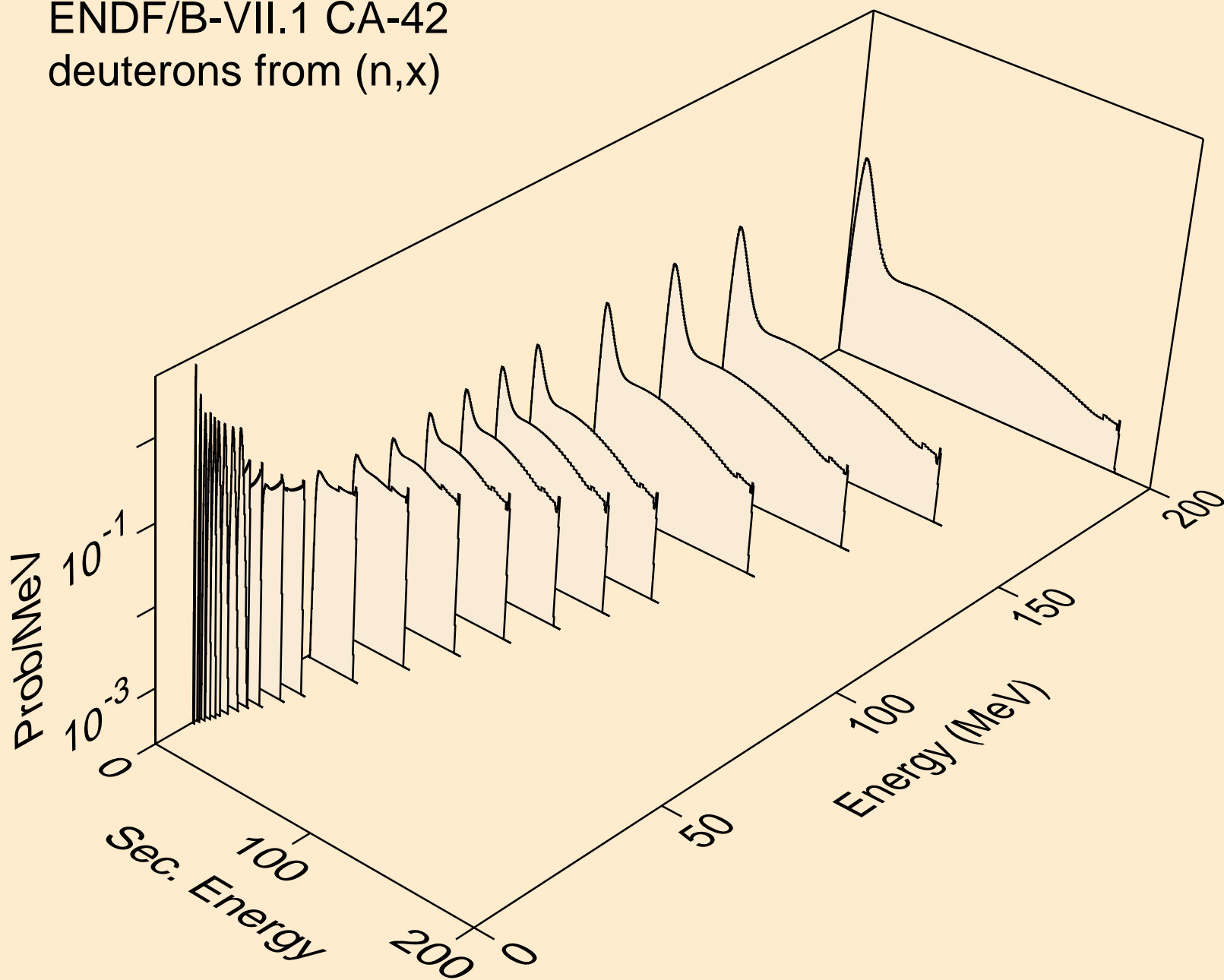
angular distribution for (n,p*10) proton



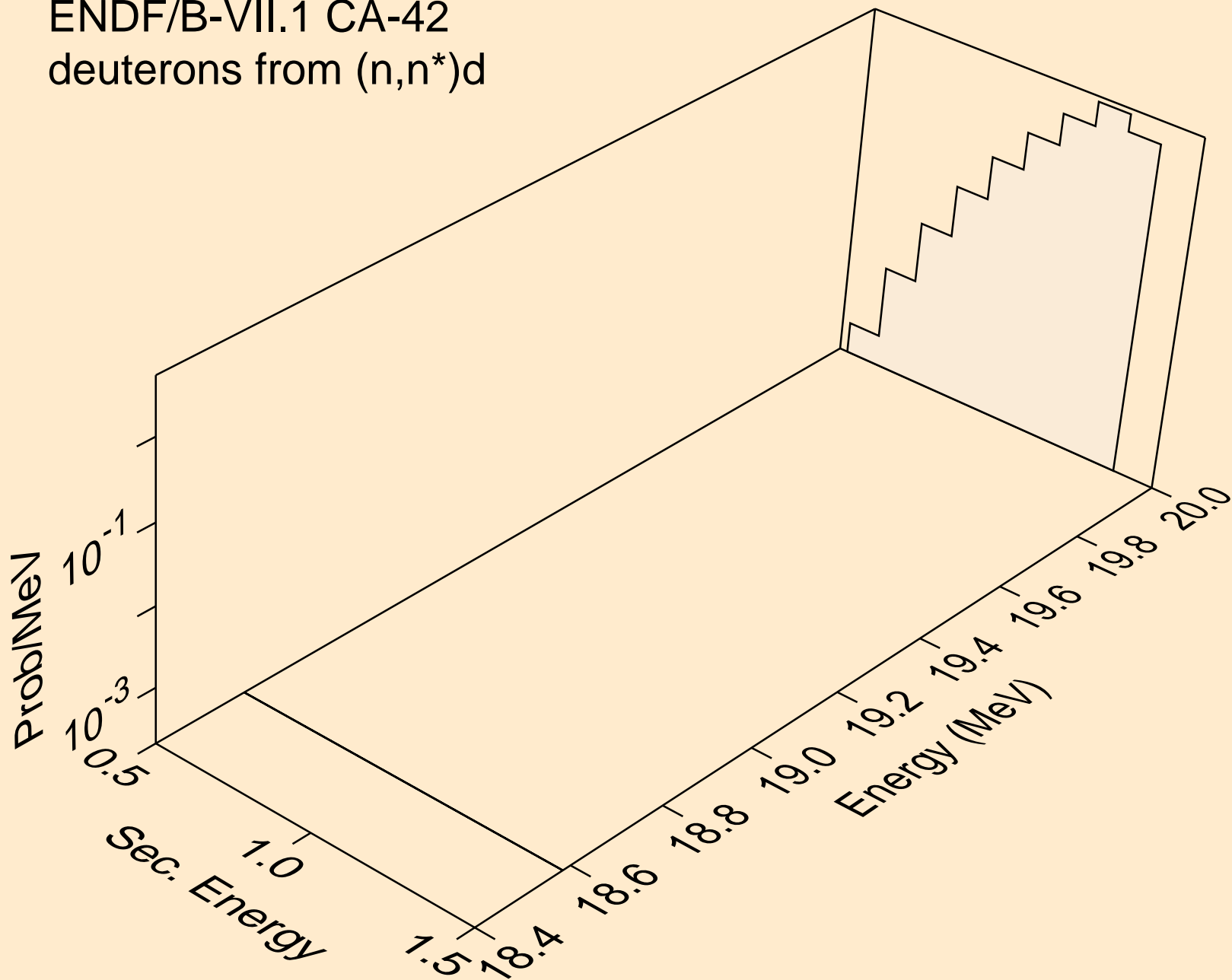
ENDF/B-VII.1 CA-42
protons from (n,p*c)



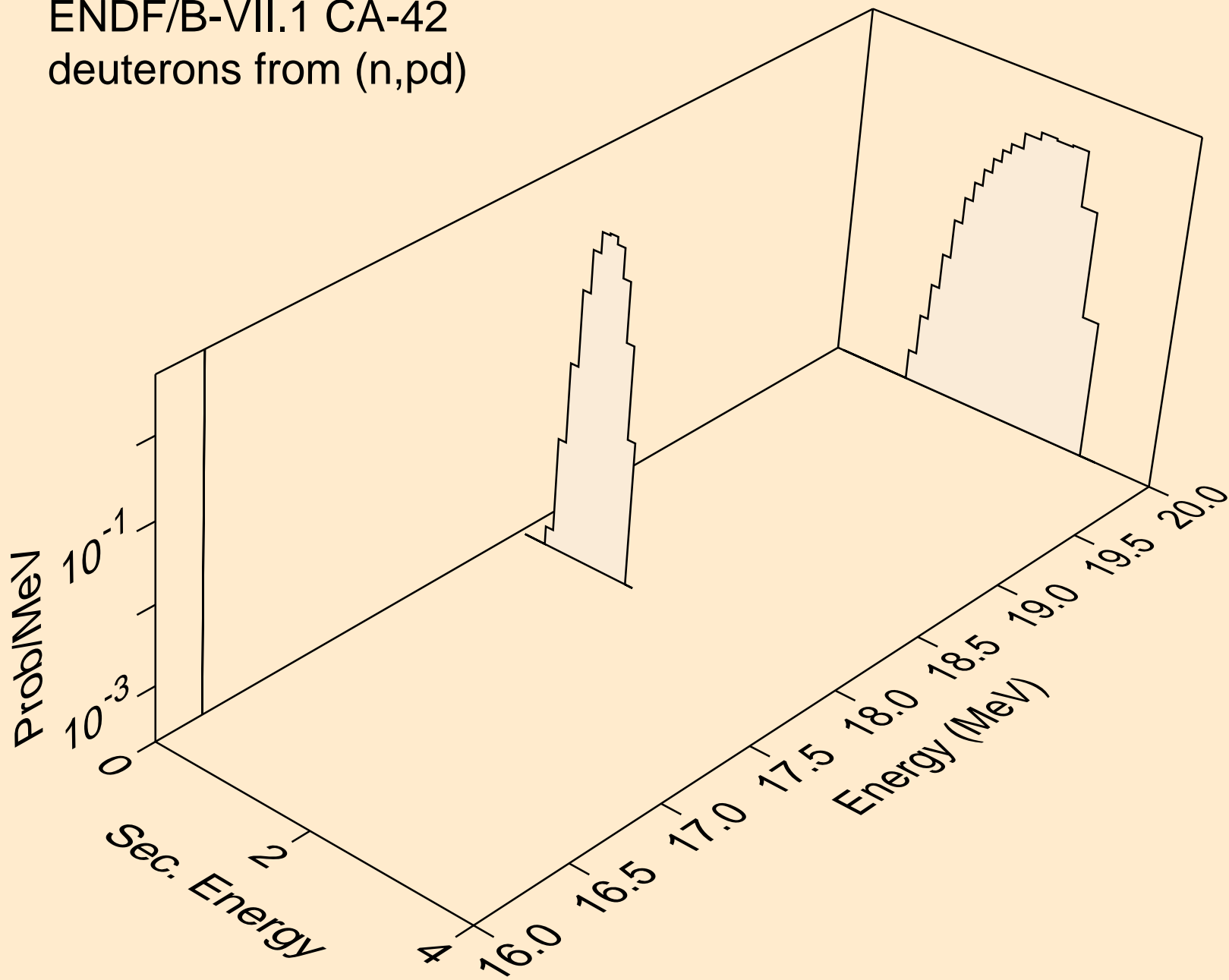
ENDF/B-VII.1 CA-42
deuterons from (n,x)



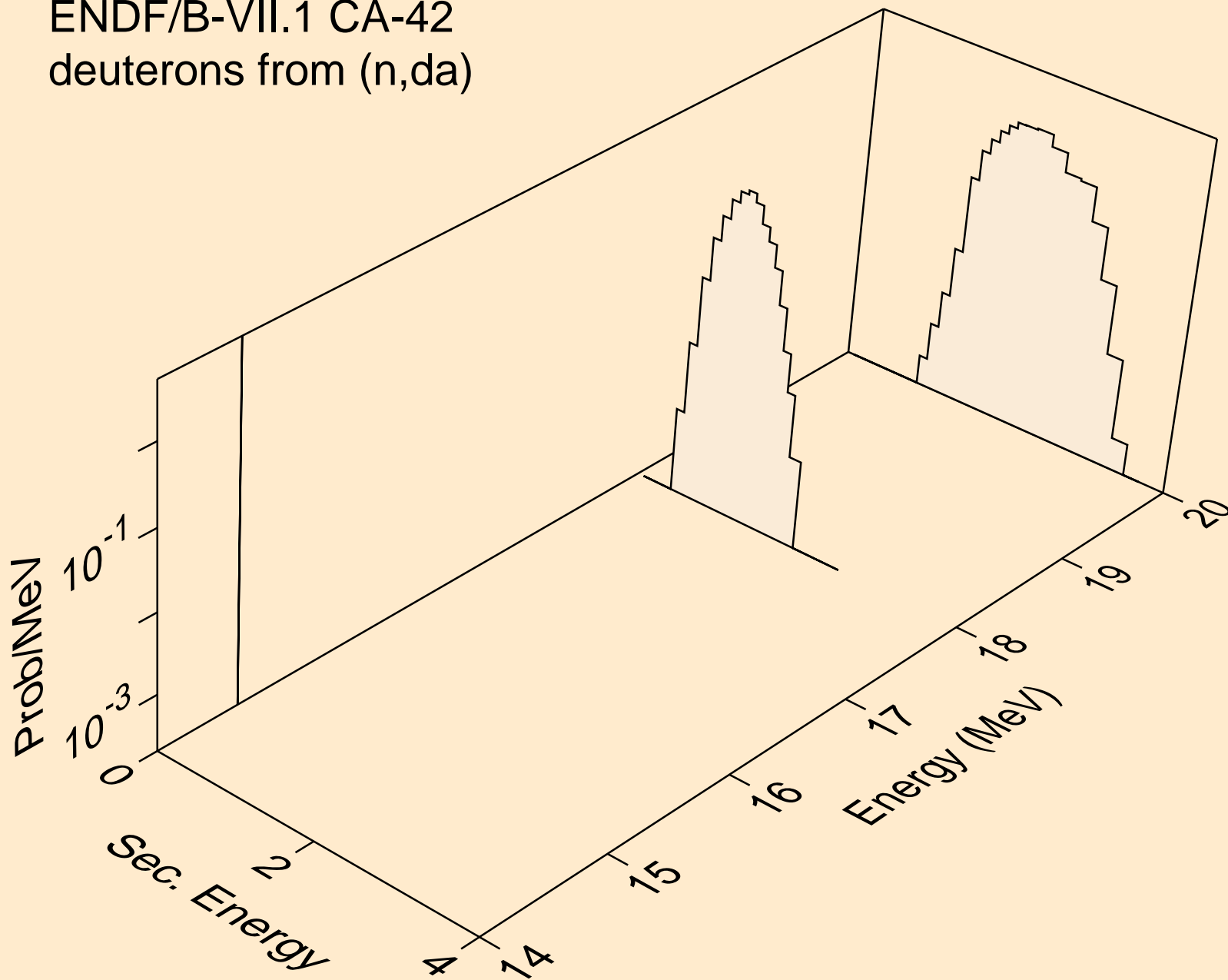
ENDF/B-VII.1 CA-42
deuterons from (n,n*)d



ENDF/B-VII.1 CA-42
deuterons from (n,pd)

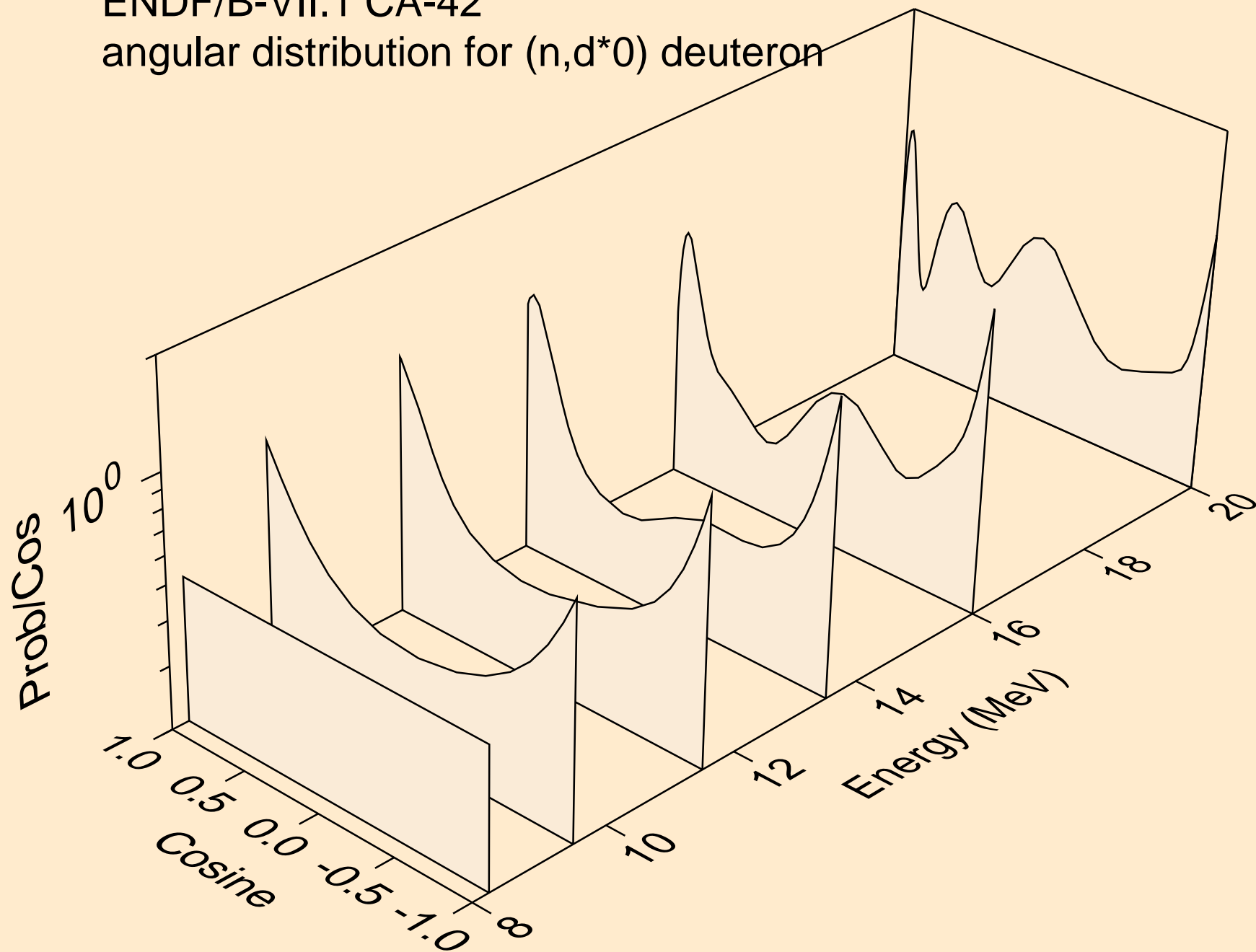


ENDF/B-VII.1 CA-42
deuterons from (n,da)



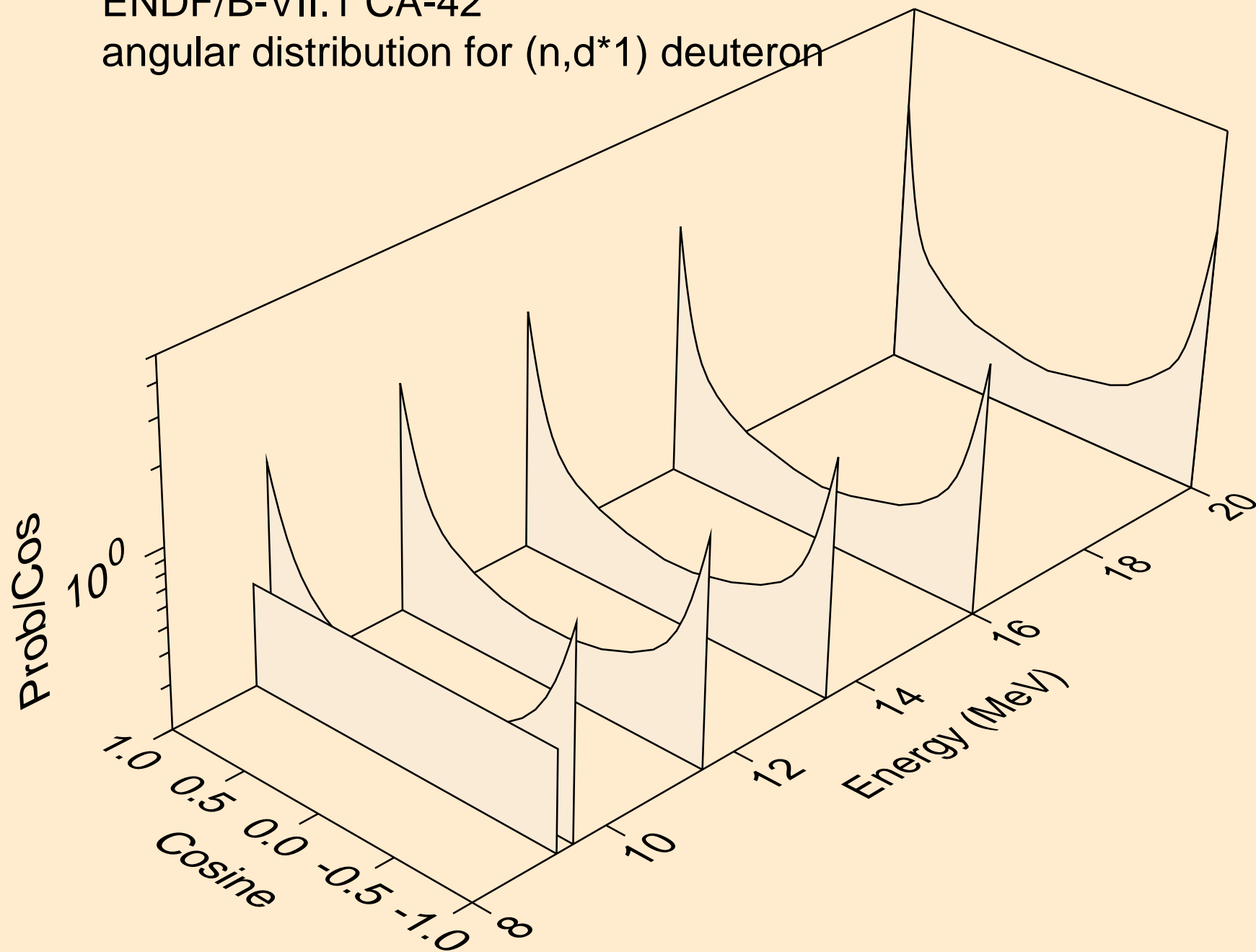
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angular distribution for (n,d*0) deuteron



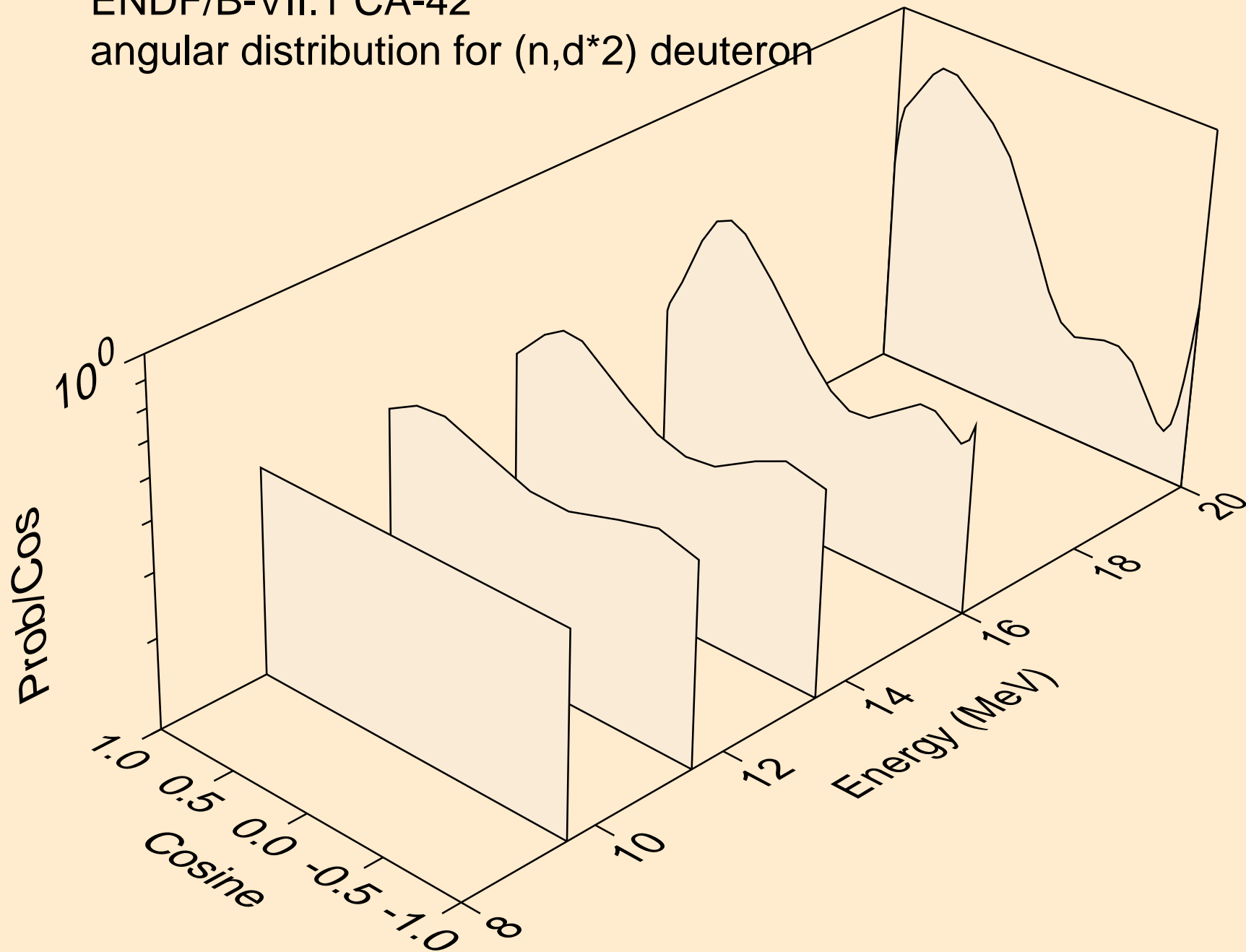
ENDF/B-VII.1 CA-42

angular distribution for (n,d*1) deuteron



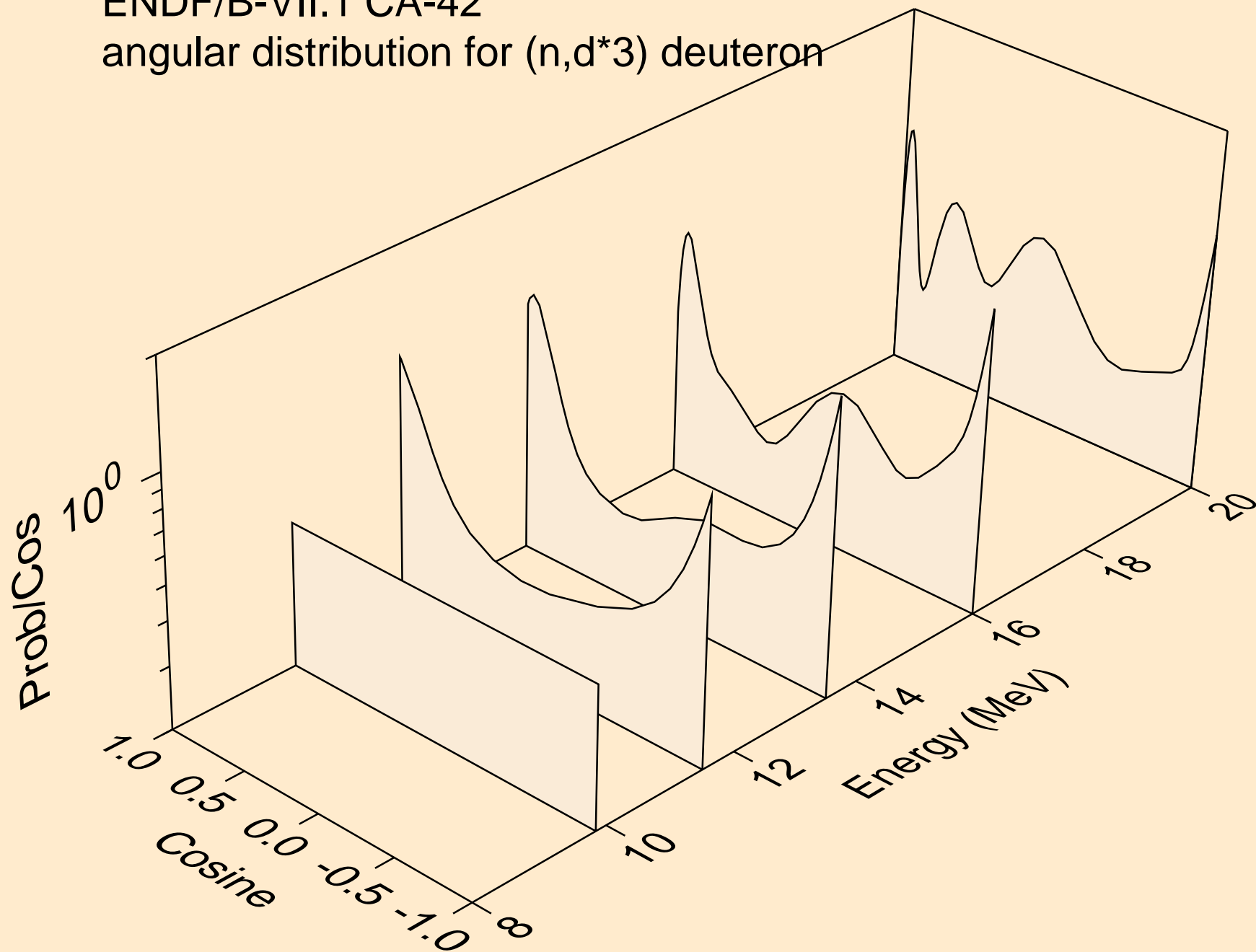
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angular distribution for (n,d*2) deuteron



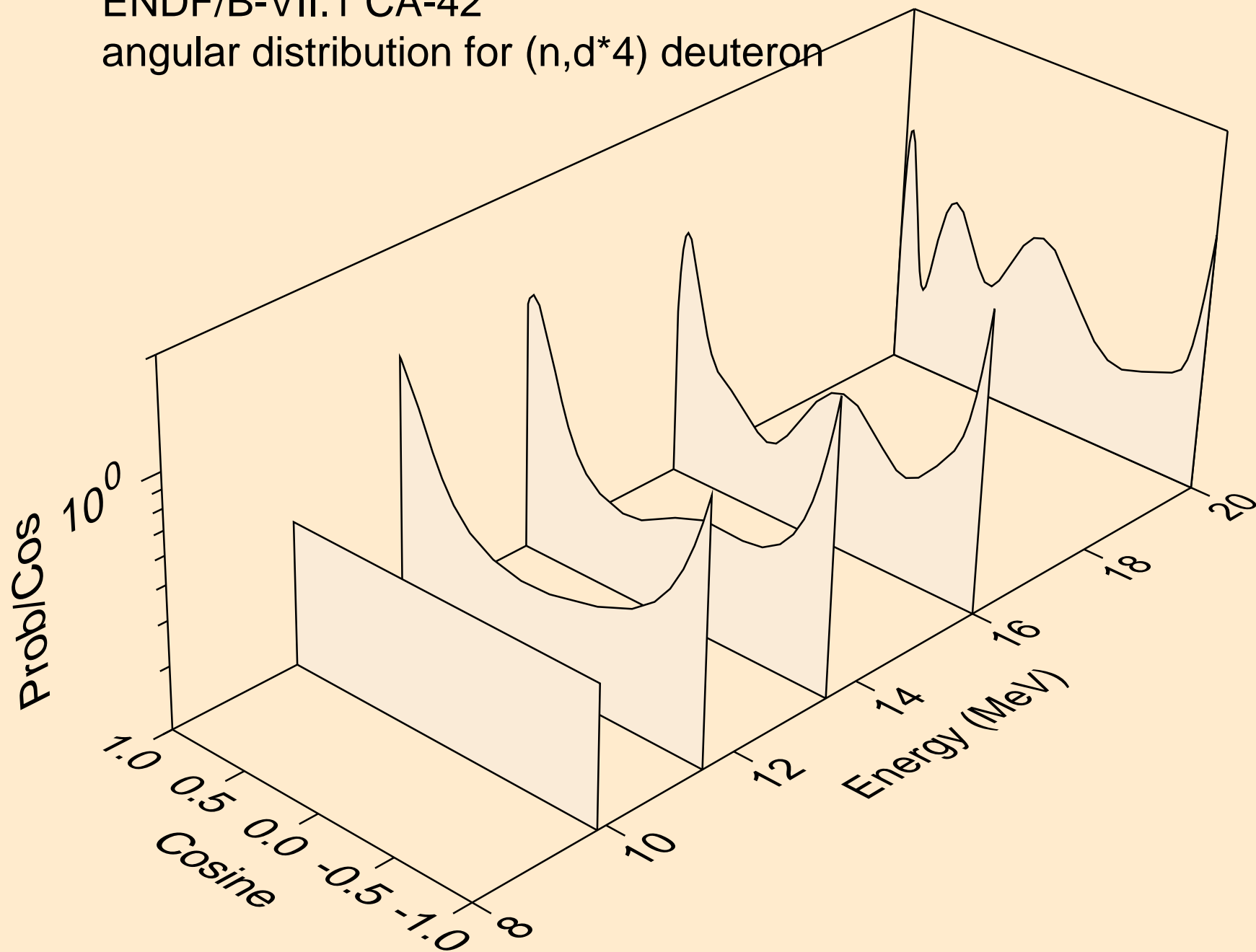
ENDF/B-VII.1 CA-42

angular distribution for (n,d*3) deuteron



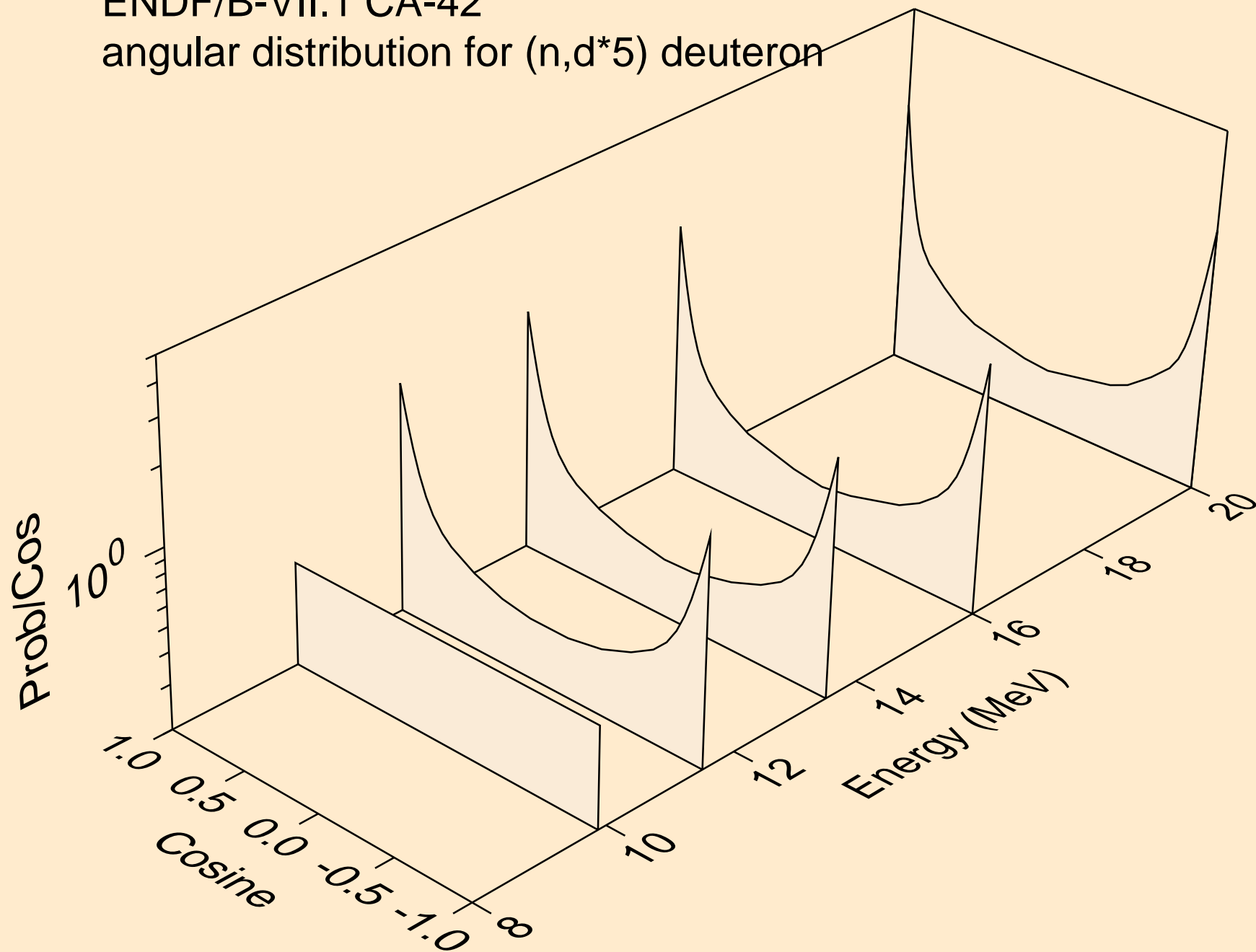
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angular distribution for (n,d*4) deuteron

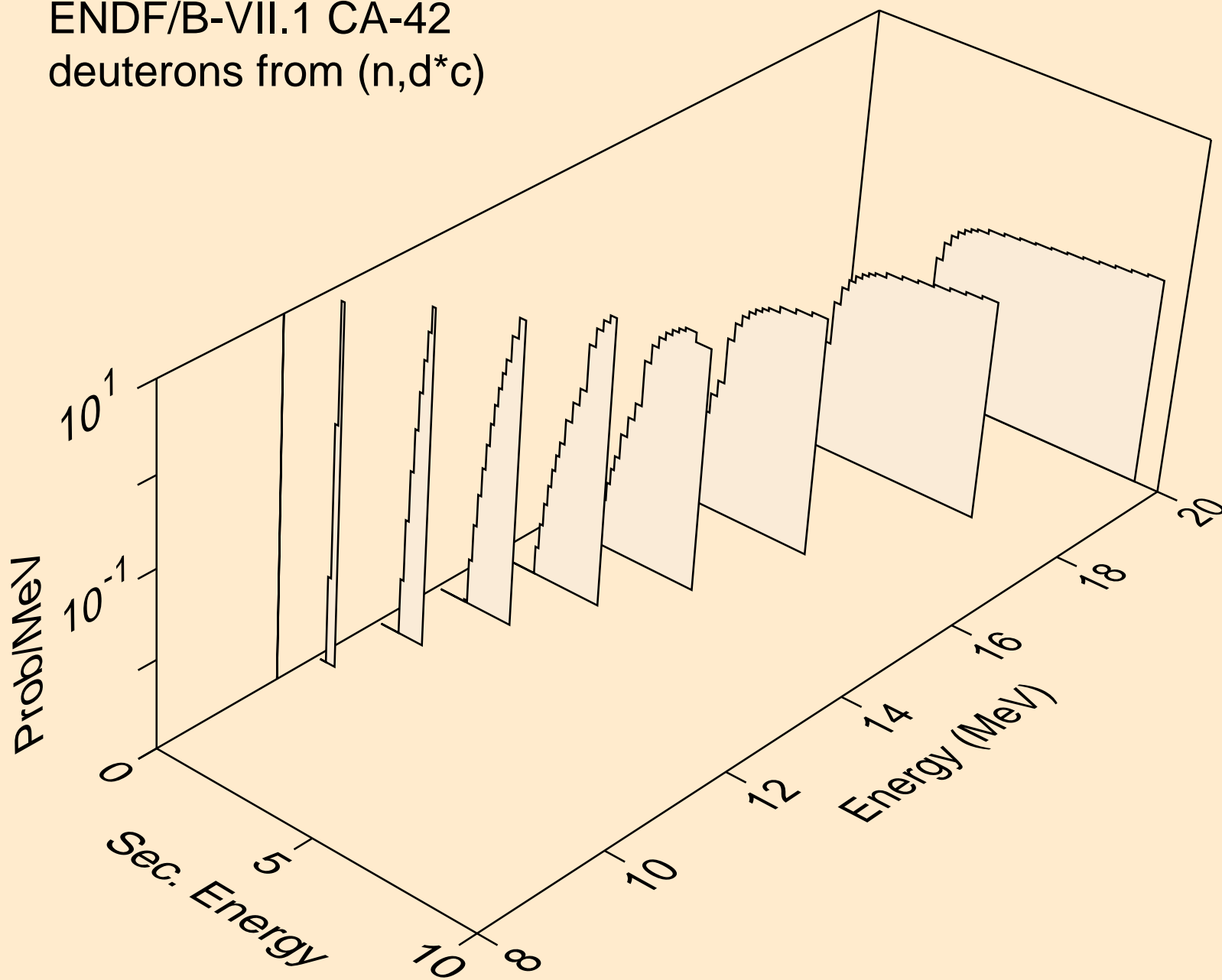


ENDF/B-VII.1 CA-42

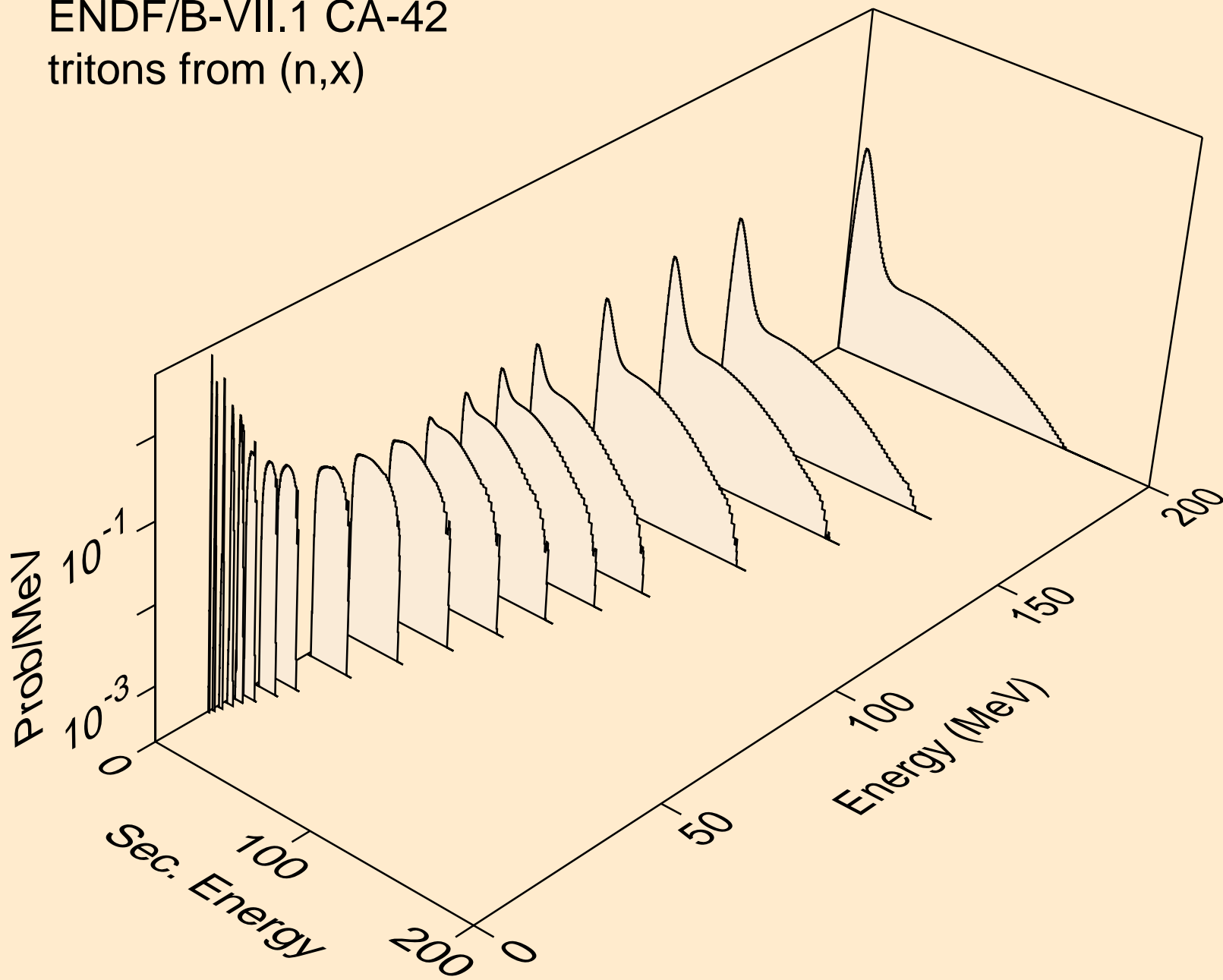
angular distribution for (n,d*5) deuteron



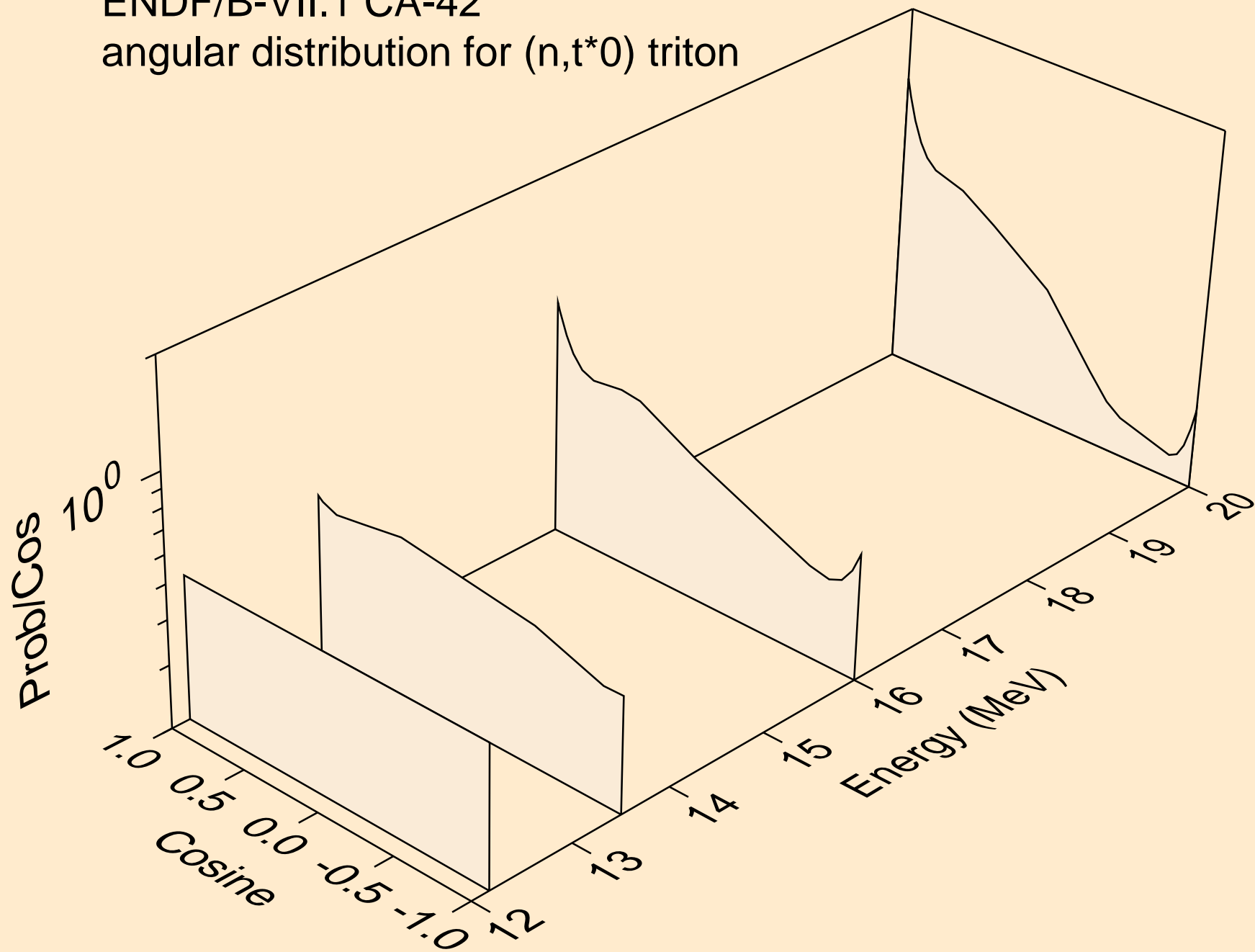
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deuterons from (n,d*c)



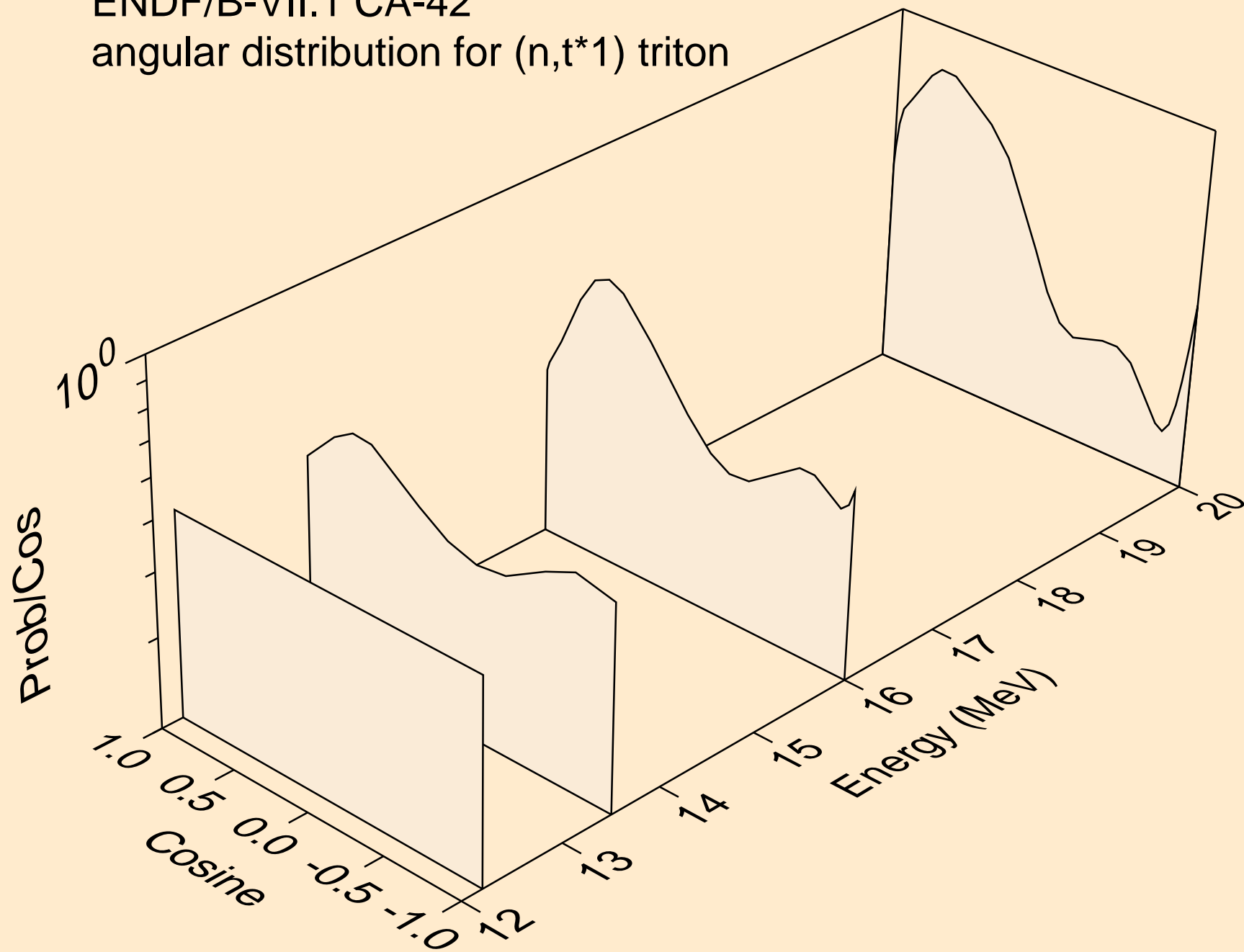
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tritons from (n,x)



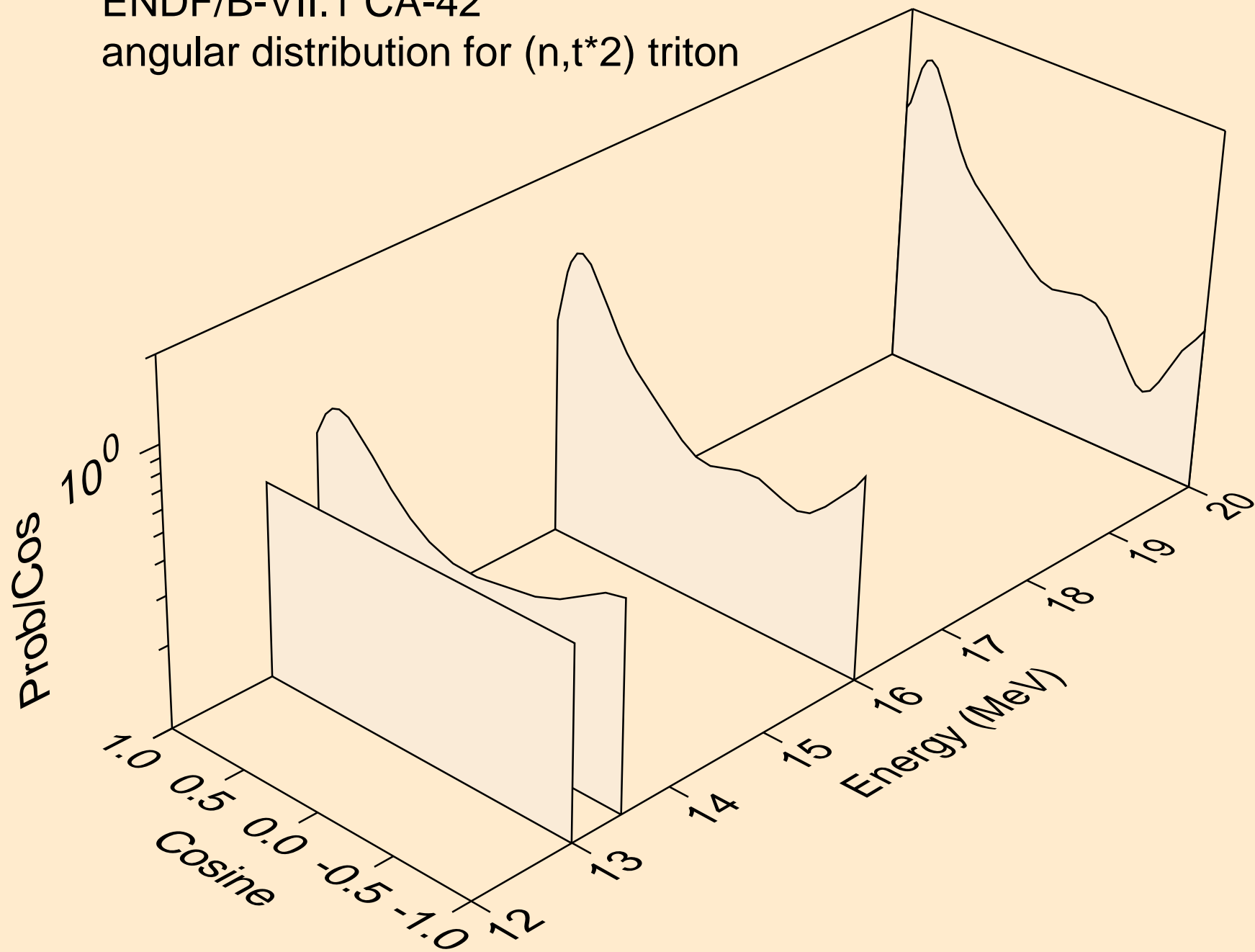
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angular distribution for (n,t*0) triton



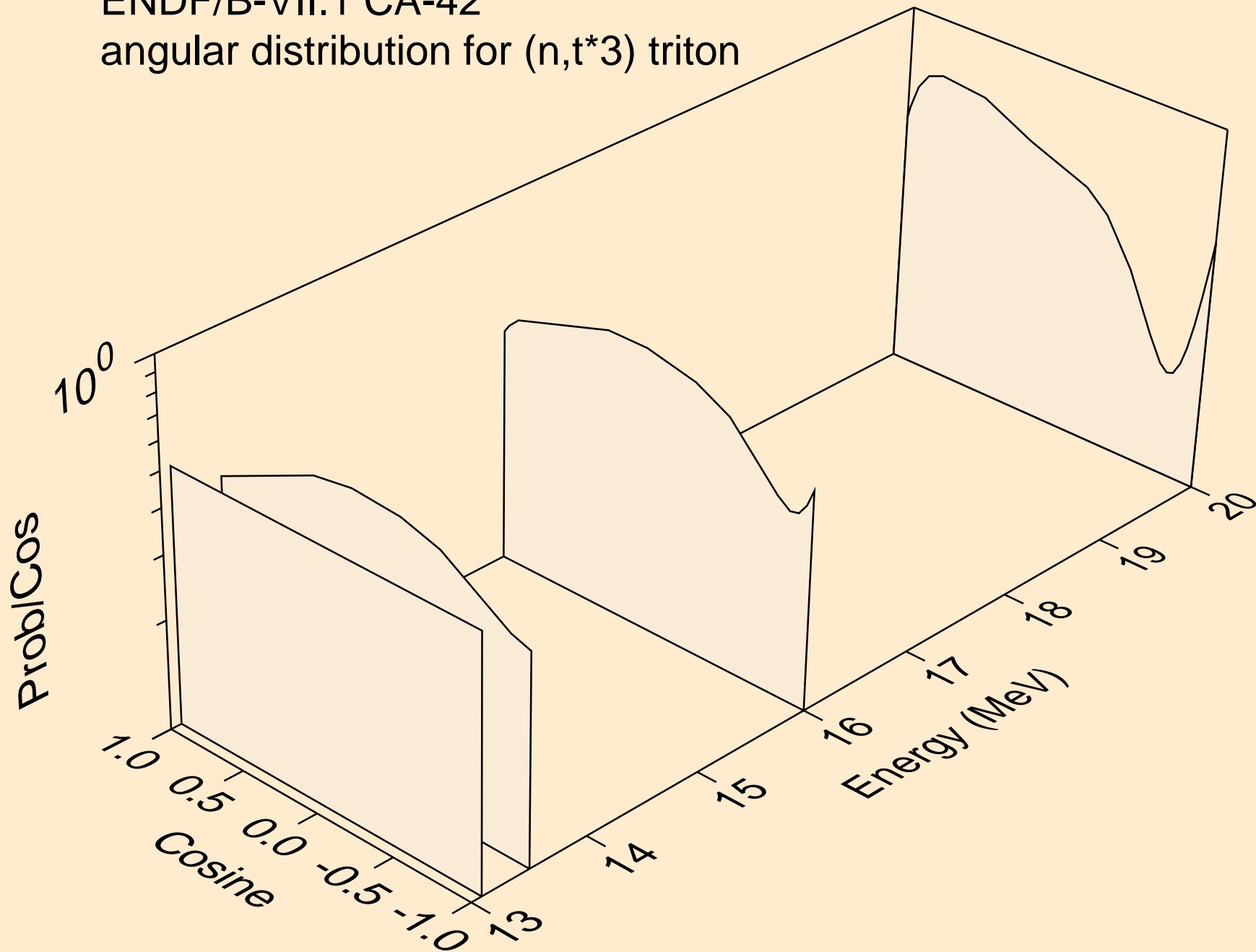
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angular distribution for (n,t*1) triton



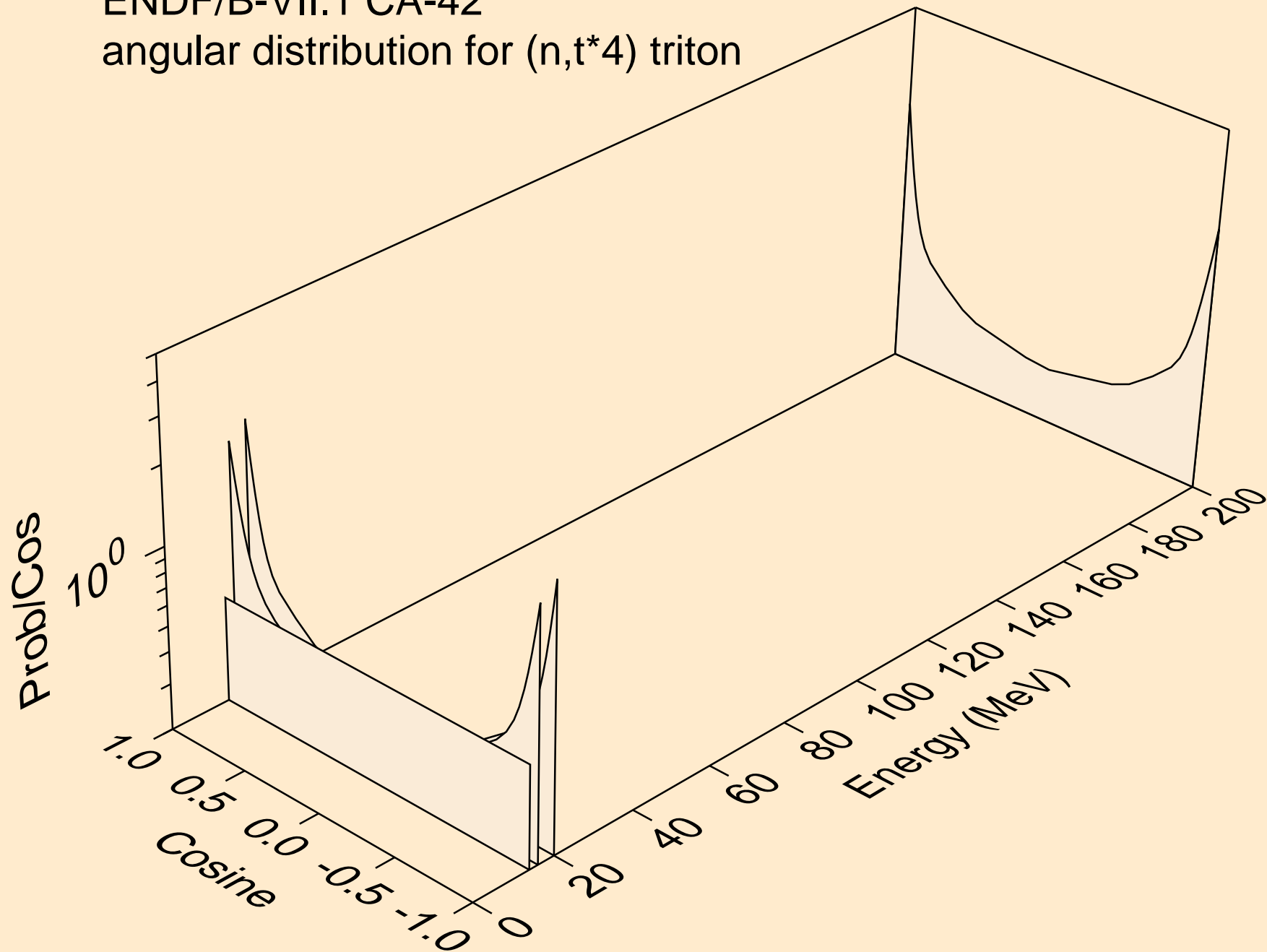
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angular distribution for (n,t*2) triton



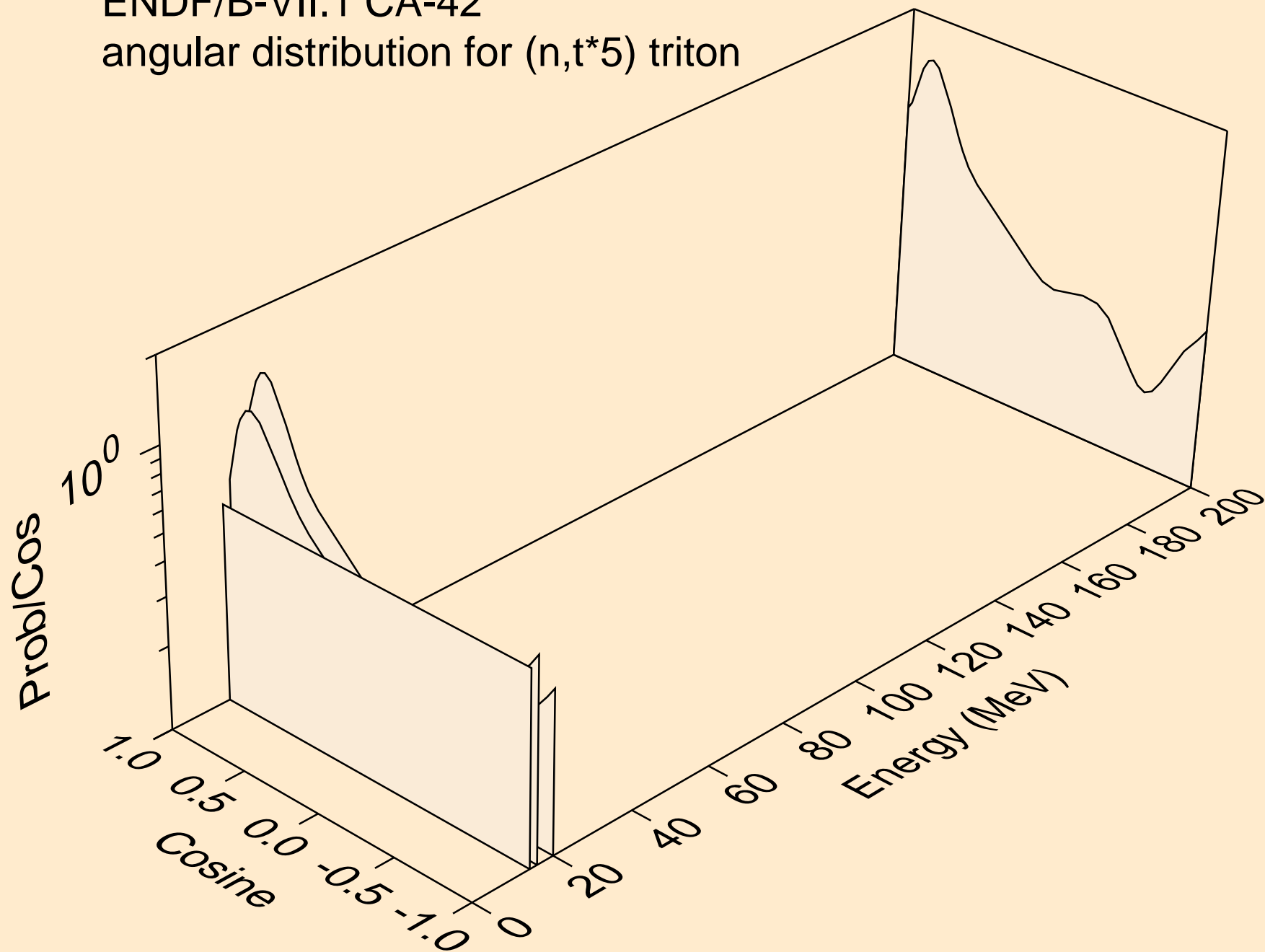
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angular distribution for (n,t*3) triton



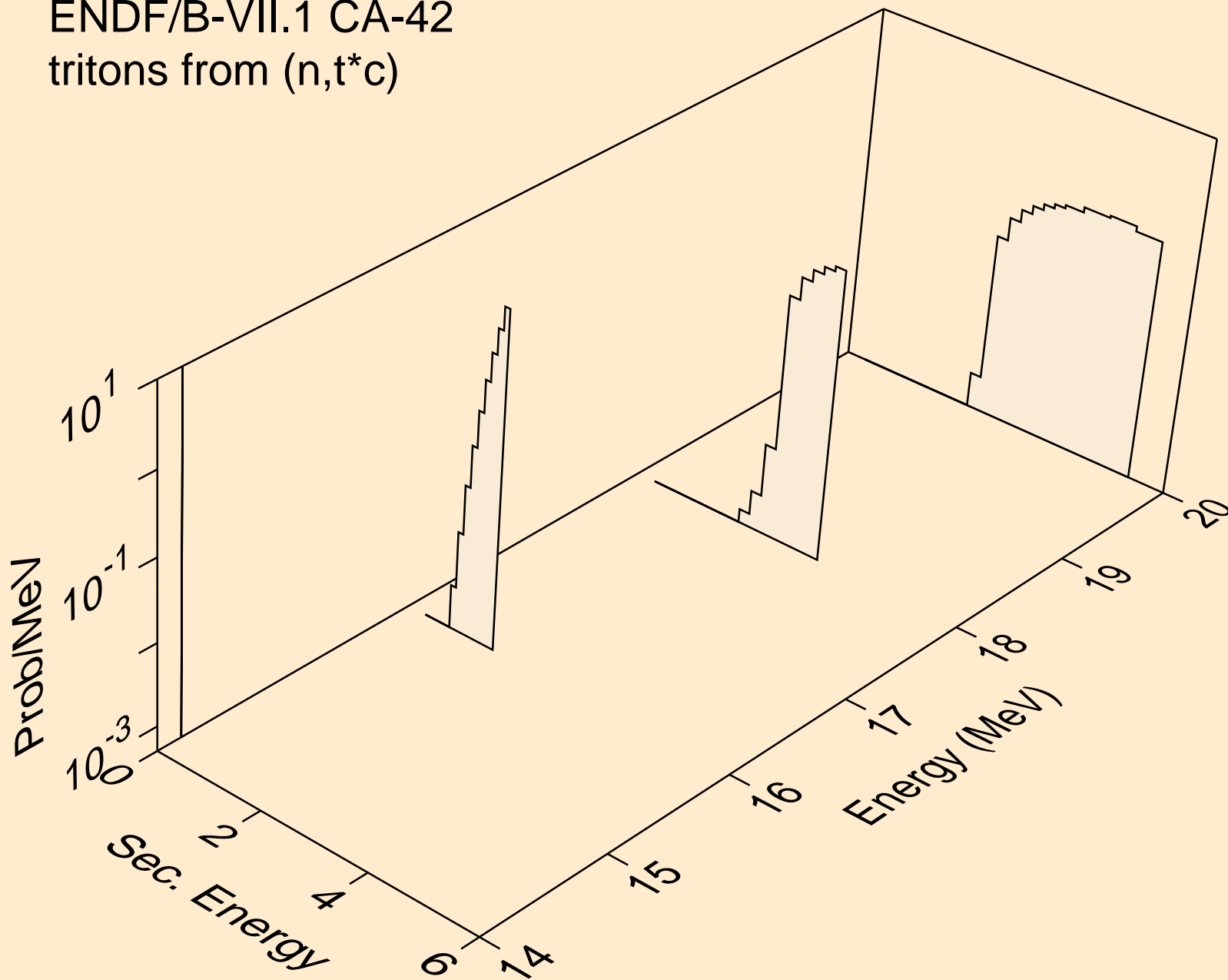
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angular distribution for (n,t*4) triton



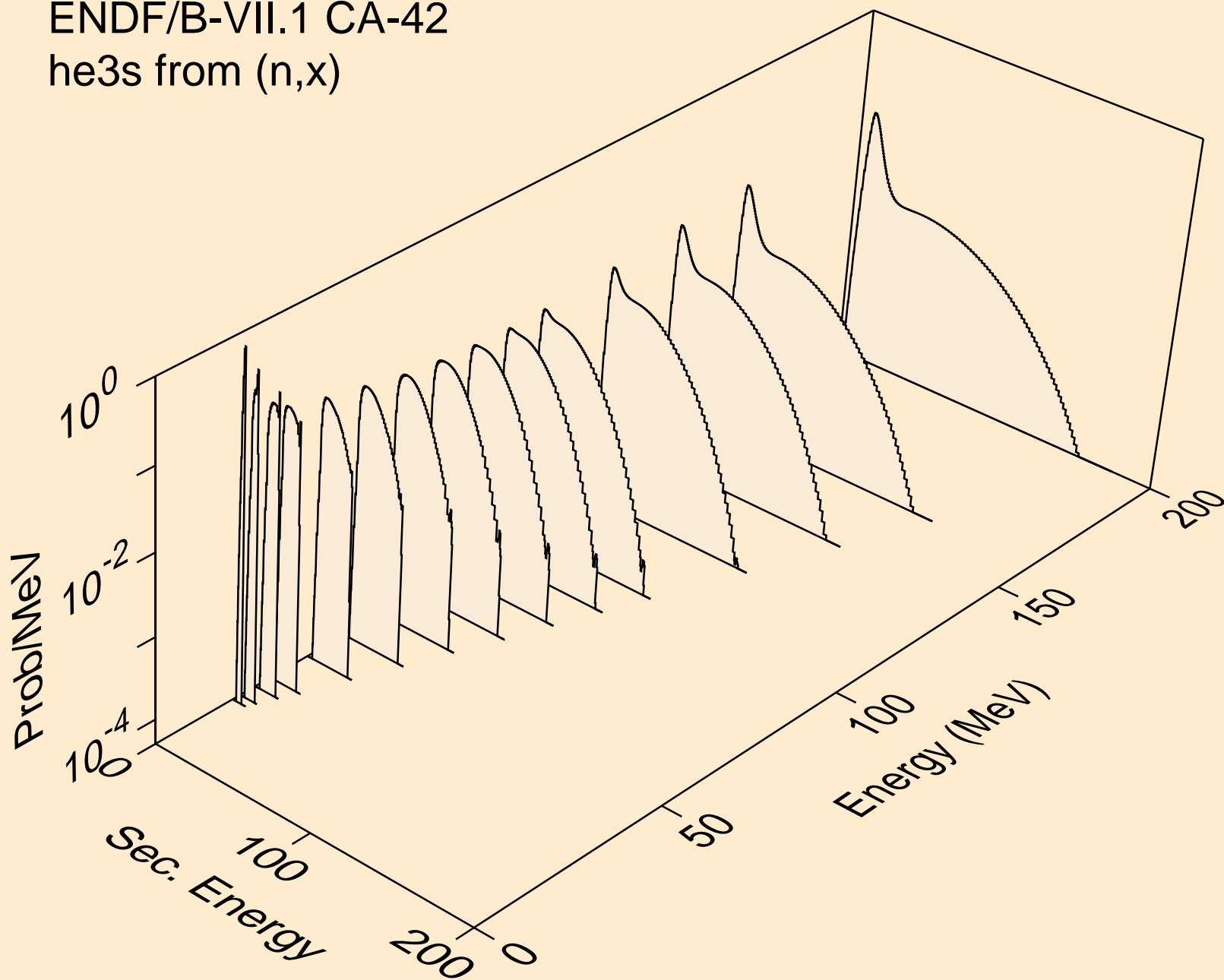
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angular distribution for (n,t*5) triton



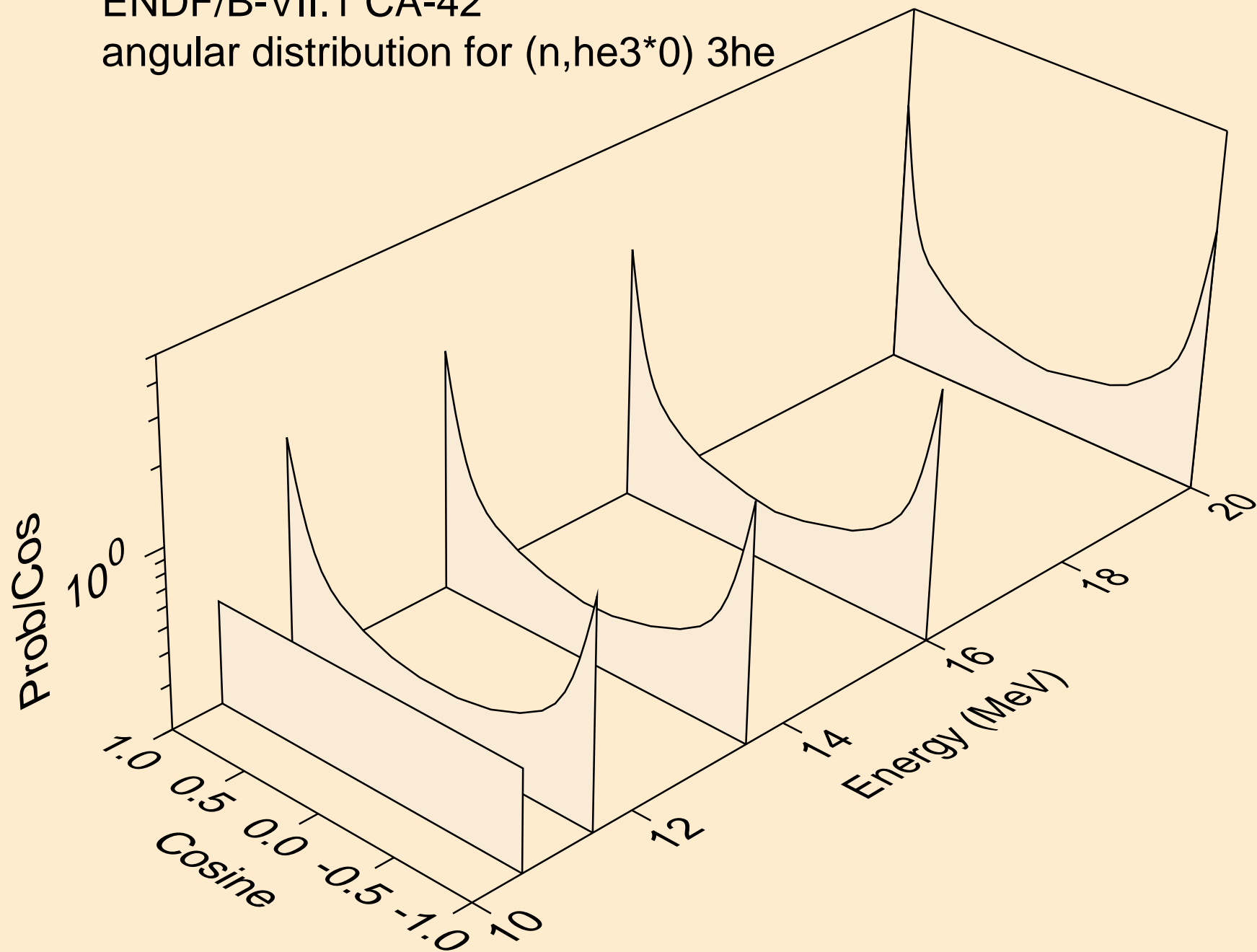
ENDF/B-VII.1 CA-42
tritons from (n,t*c)



ENDF/B-VII.1 CA-42
he3s from (n,x)

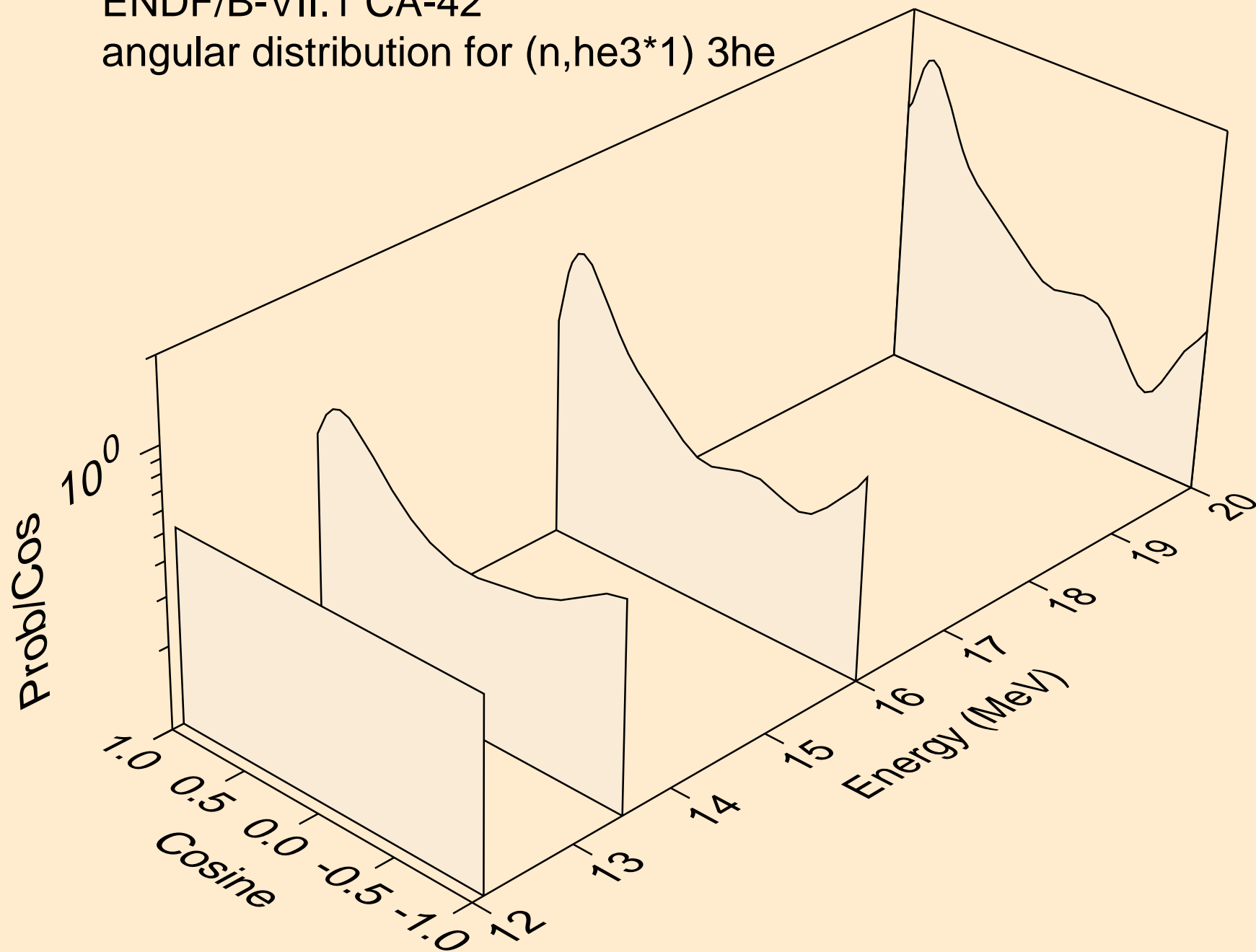


ENDF/B-VII.1 CA-42
angular distribution for (n,he3*0) 3he

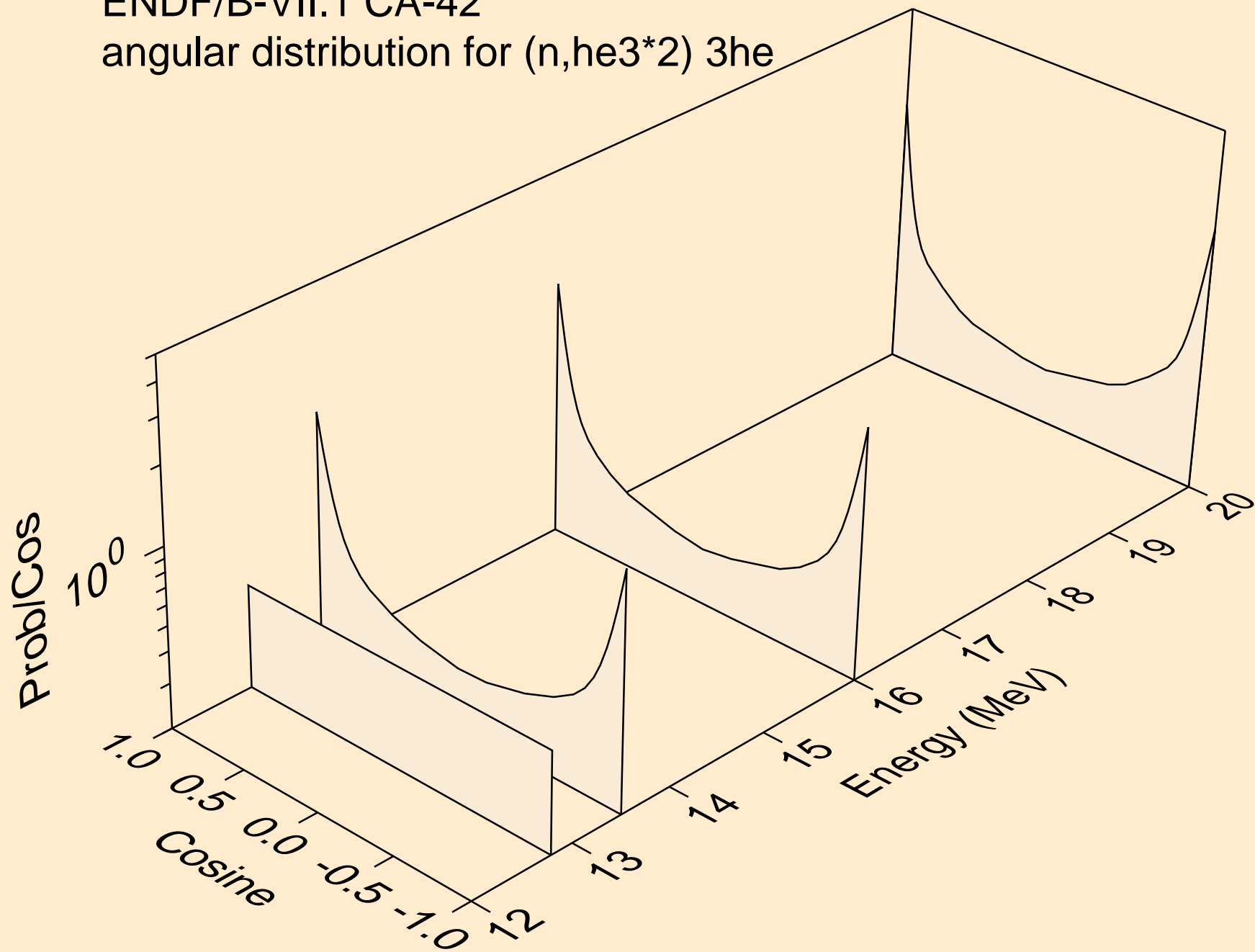


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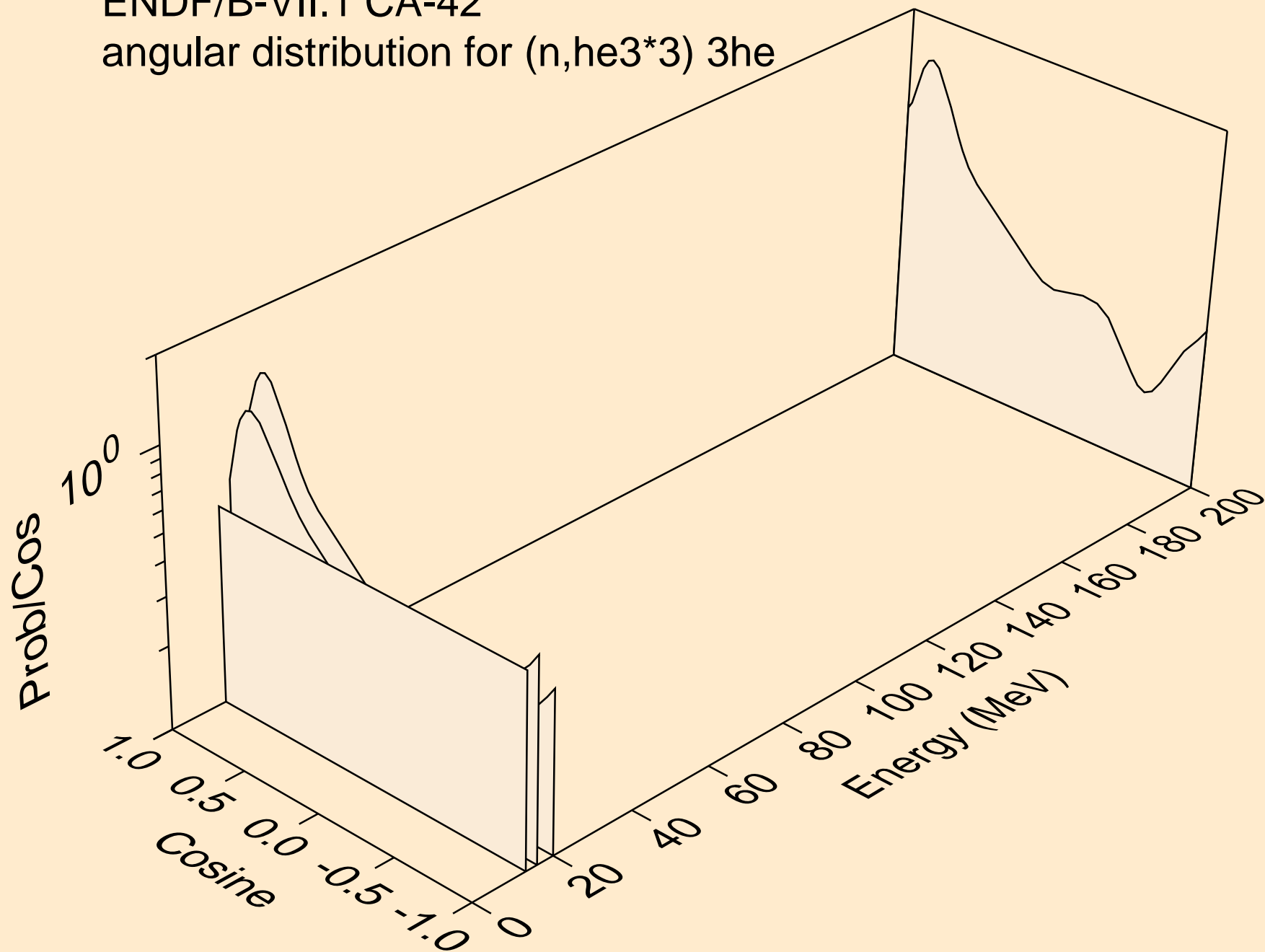
angular distribution for (n,he3*1) 3he



ENDF/B-VII.1 CA-42
angular distribution for (n,he3*2) 3he

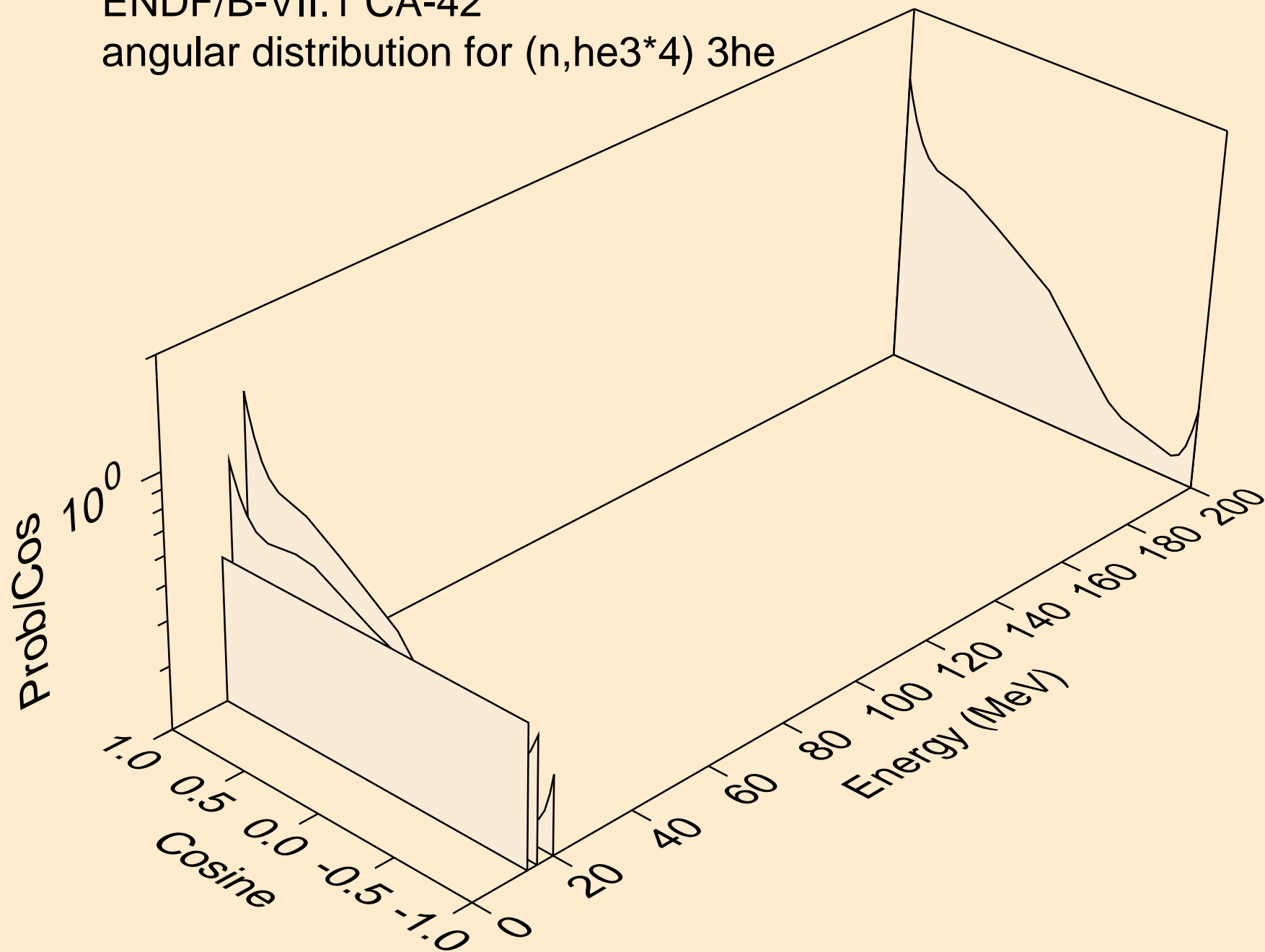


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angular distribution for (n,he3*3) 3he



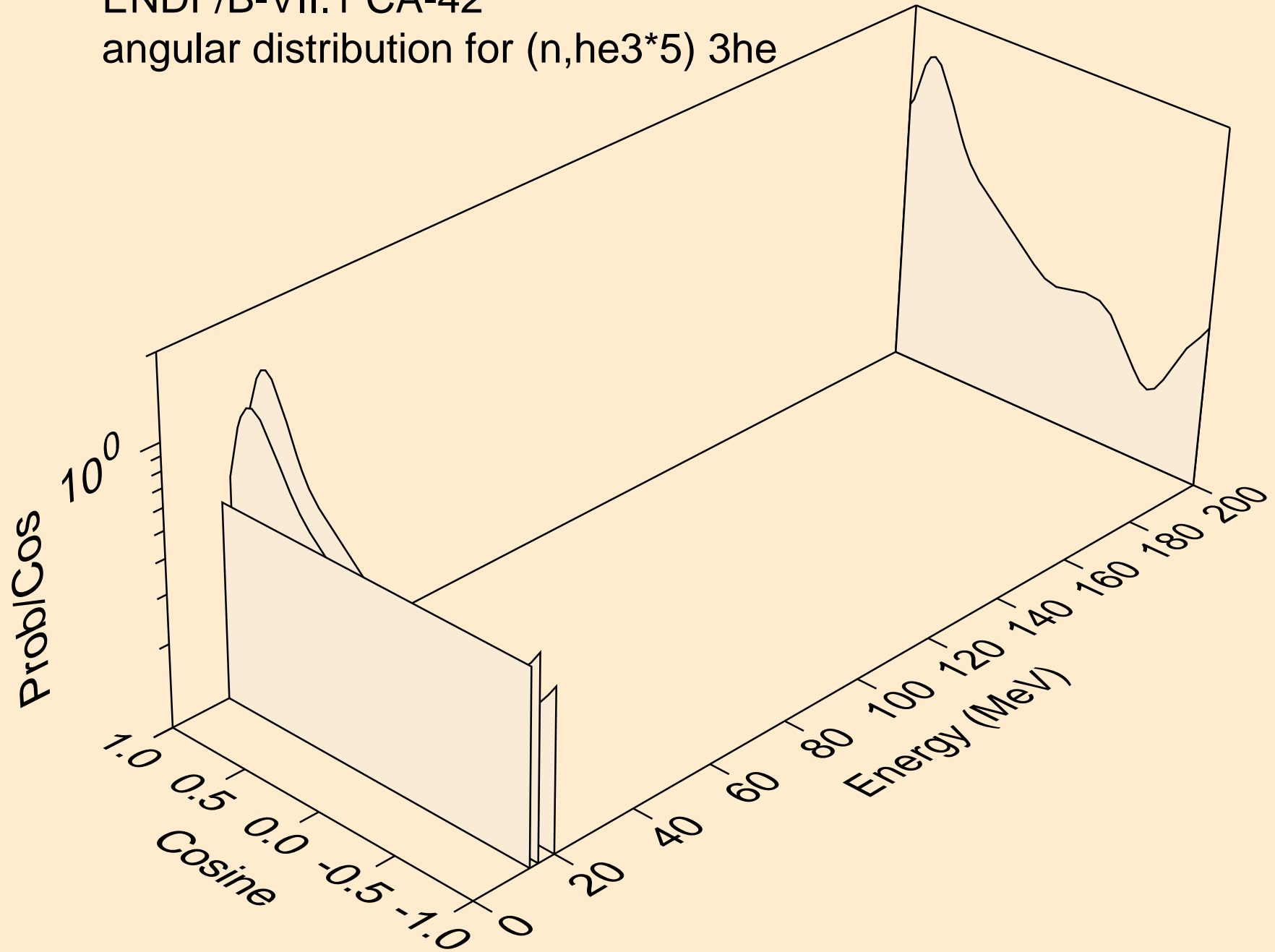
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angular distribution for (n,he3*4) 3he

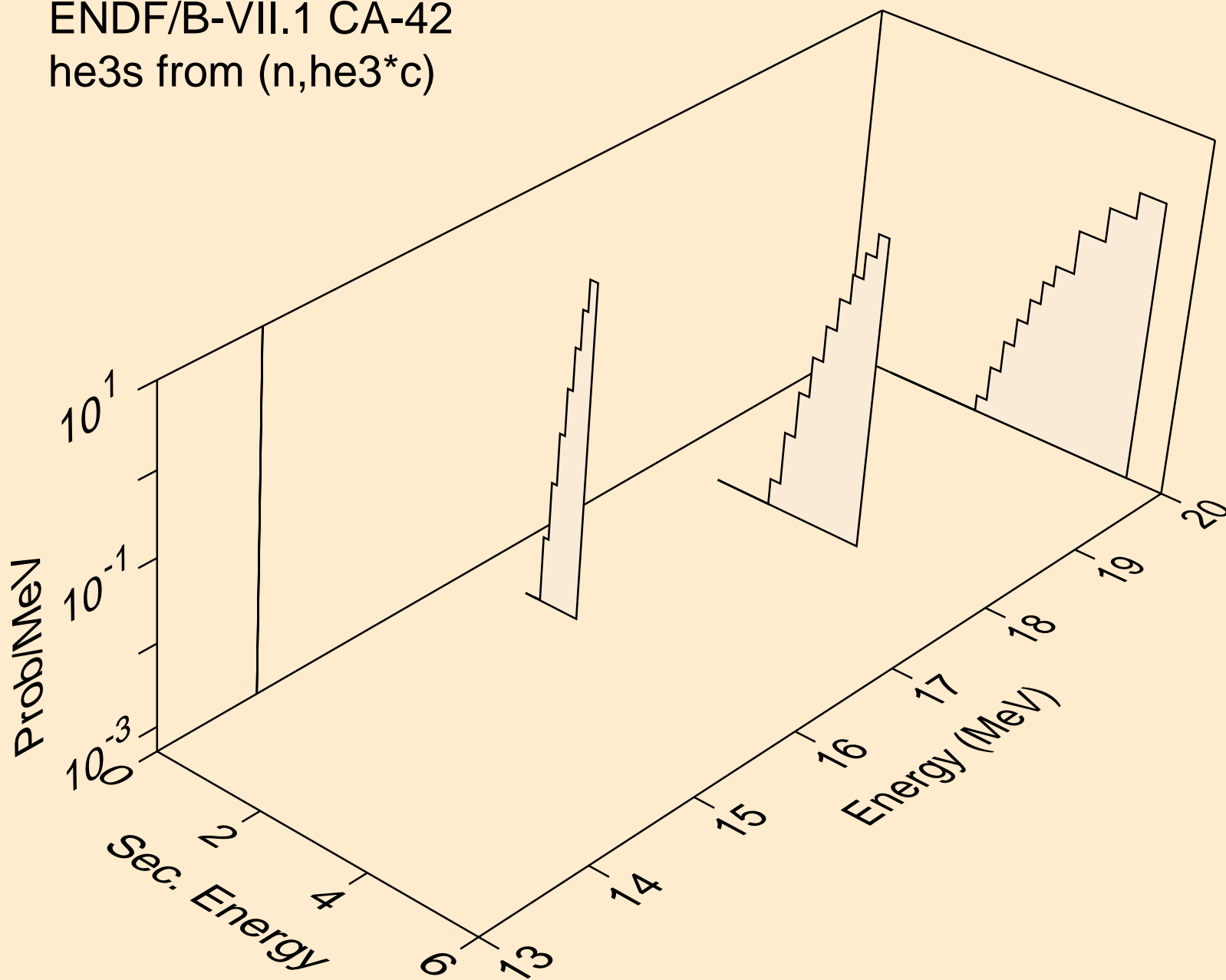


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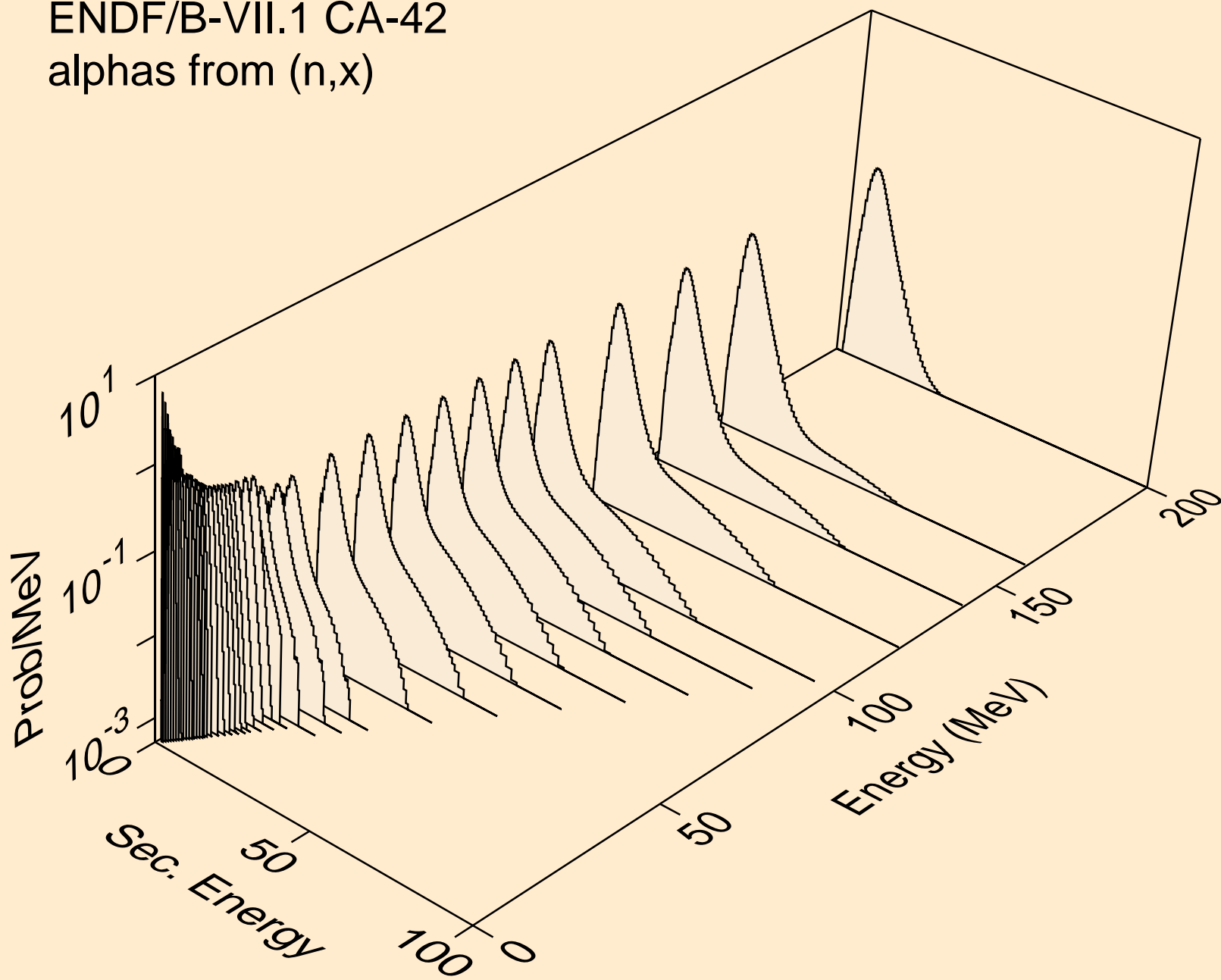
angular distribution for (n,he3*5) 3he



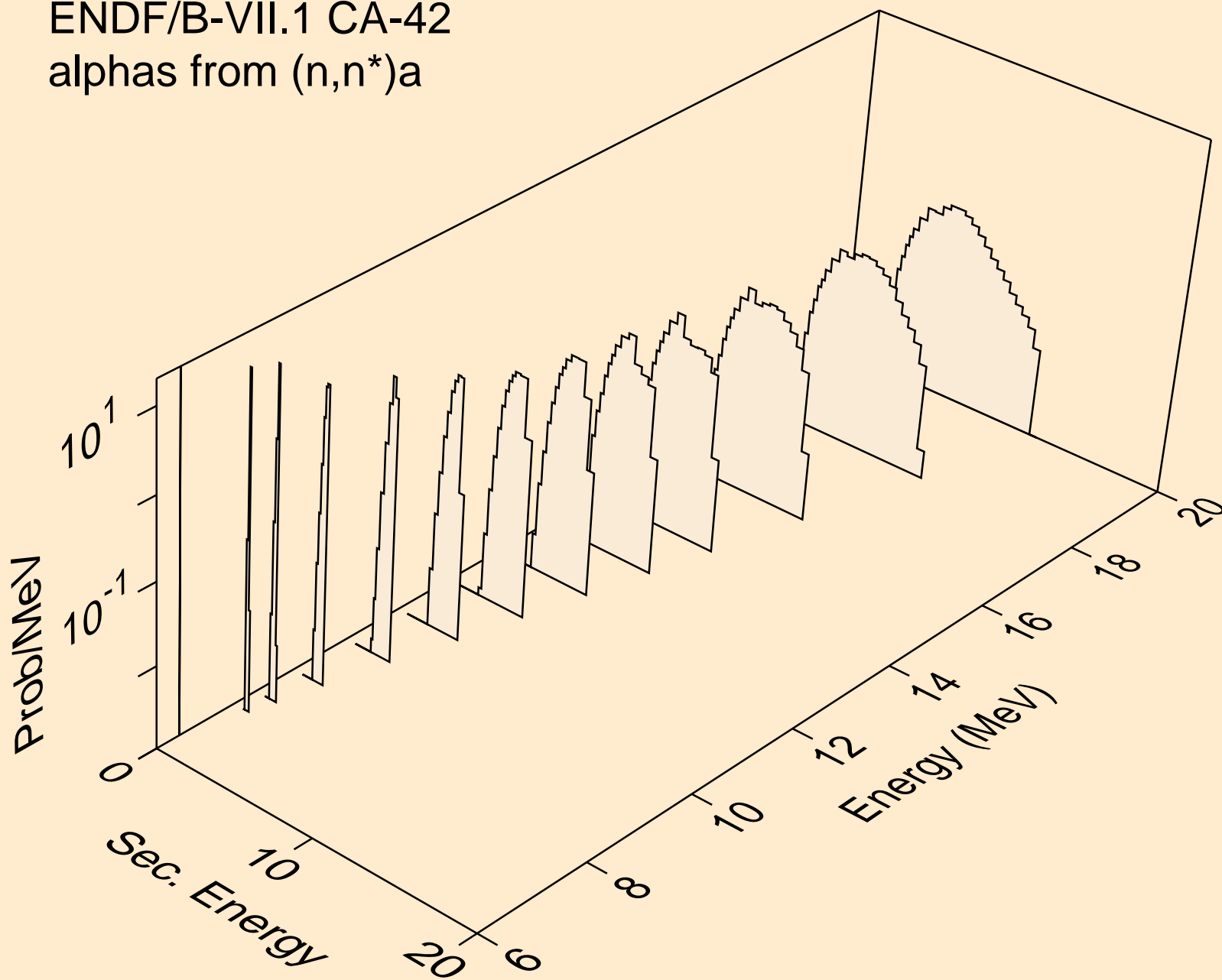
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he3s from (n,he3*c)



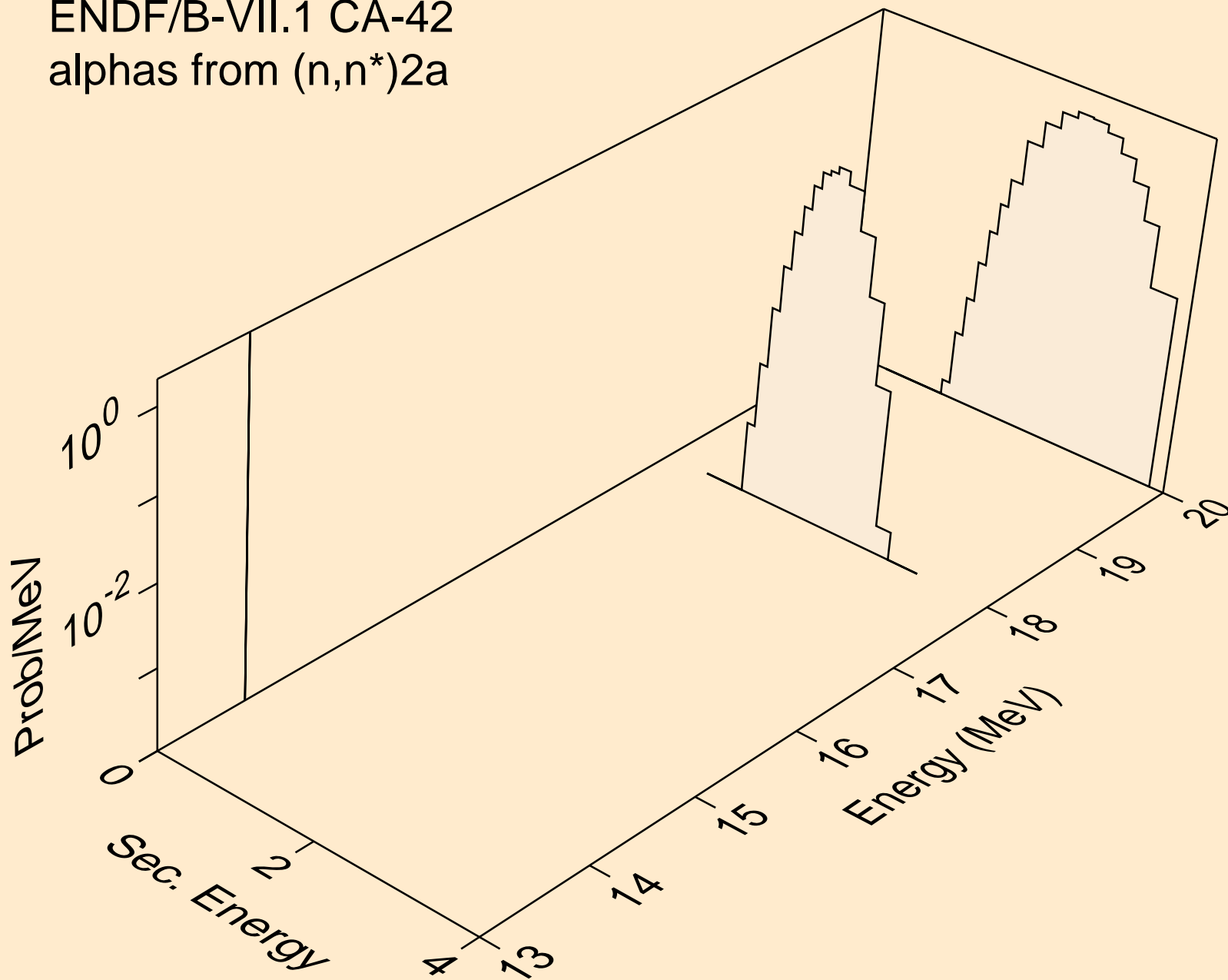
ENDF/B-VII.1 CA-42
alphas from (n,x)



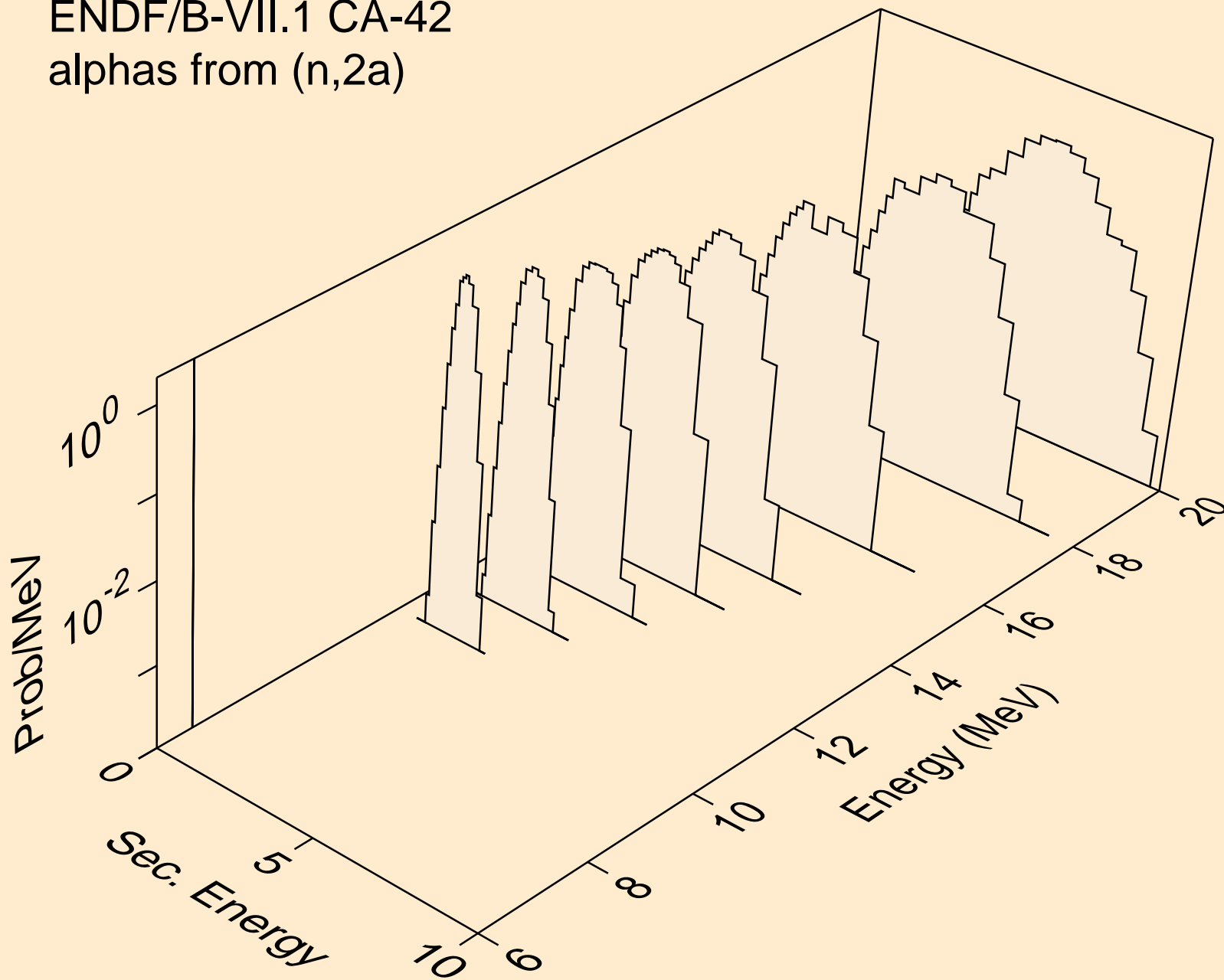
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alphas from (n,n*)a



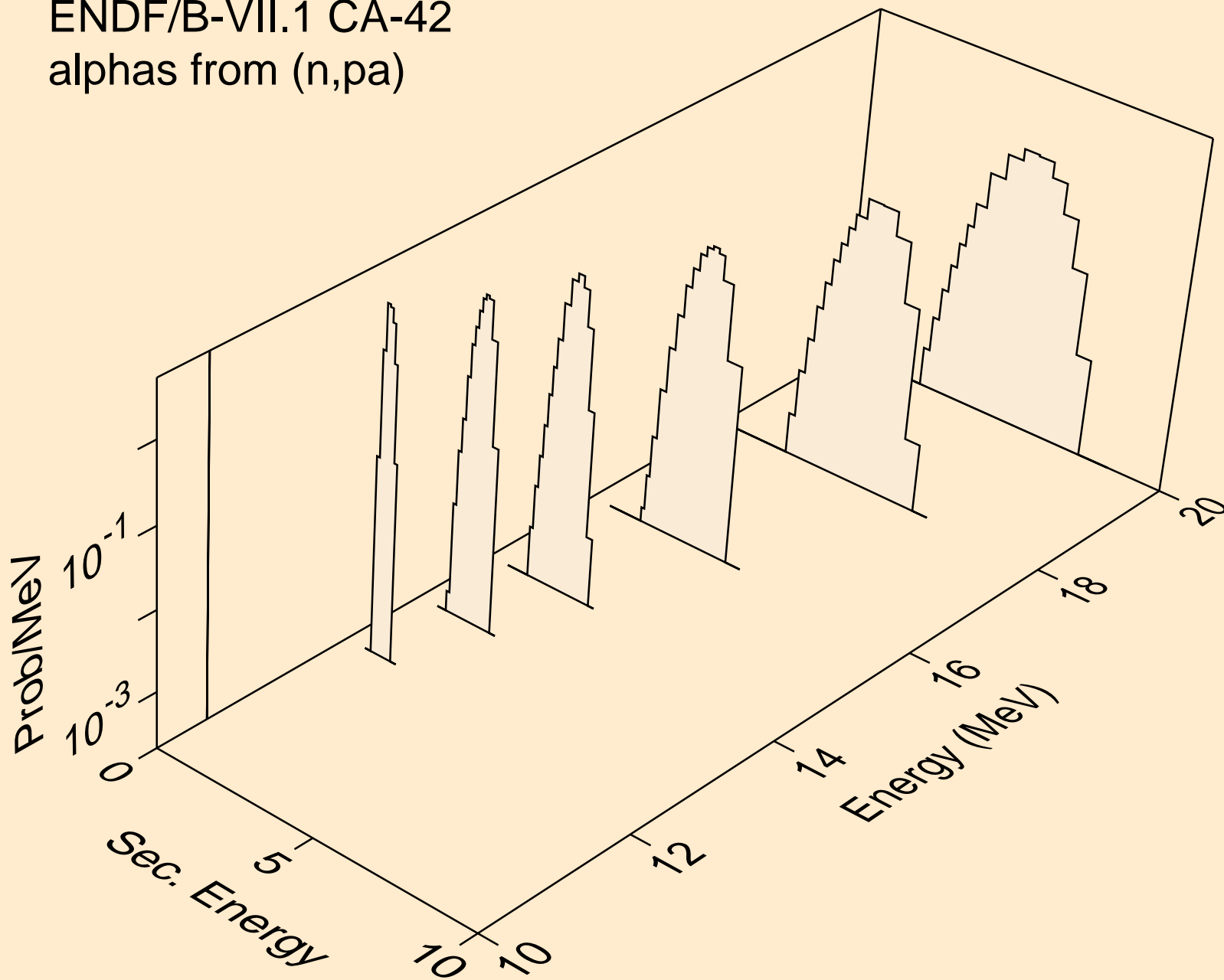
ENDF/B-VII.1 CA-42
alphas from (n,n*)2a



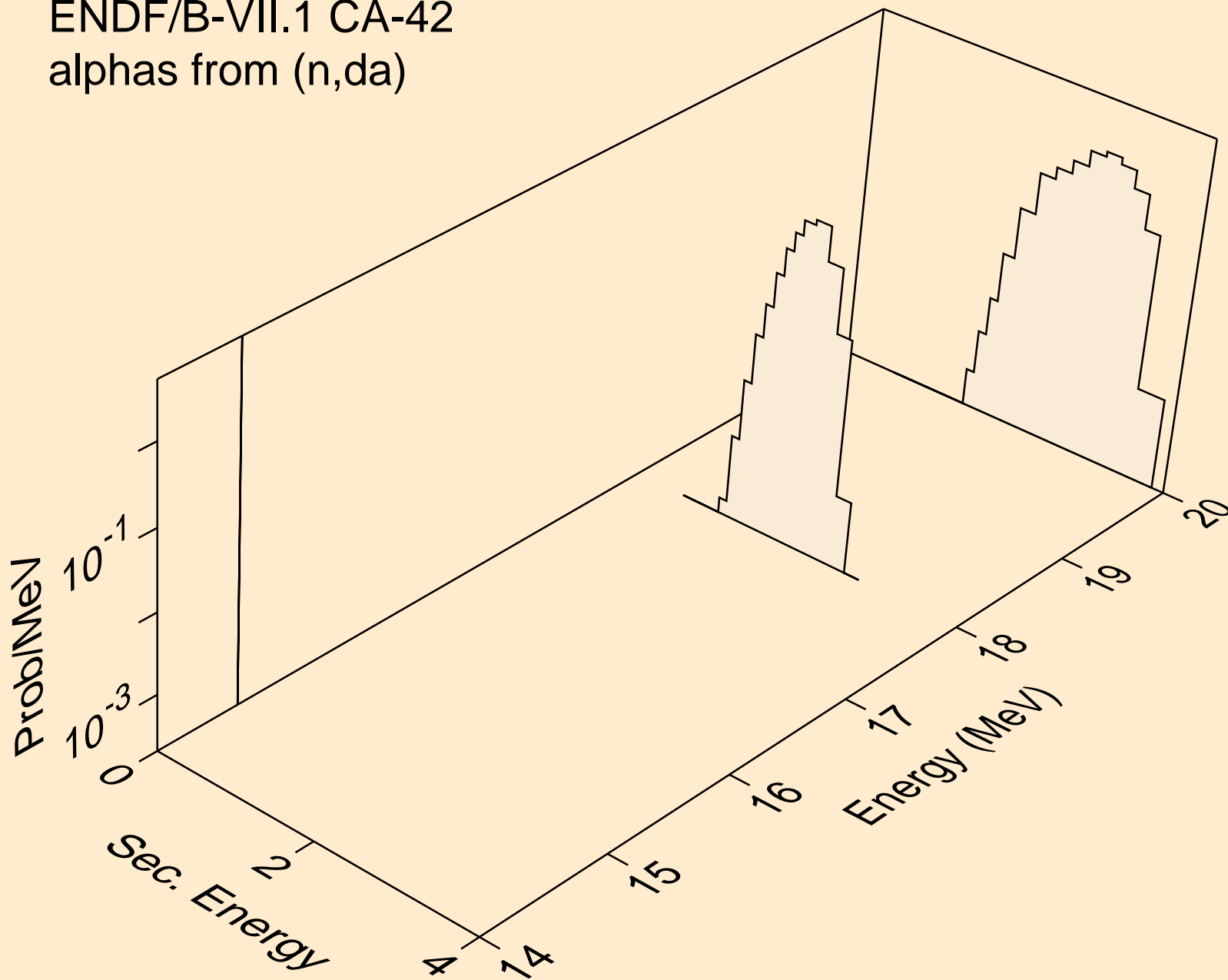
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alphas from (n,2a)



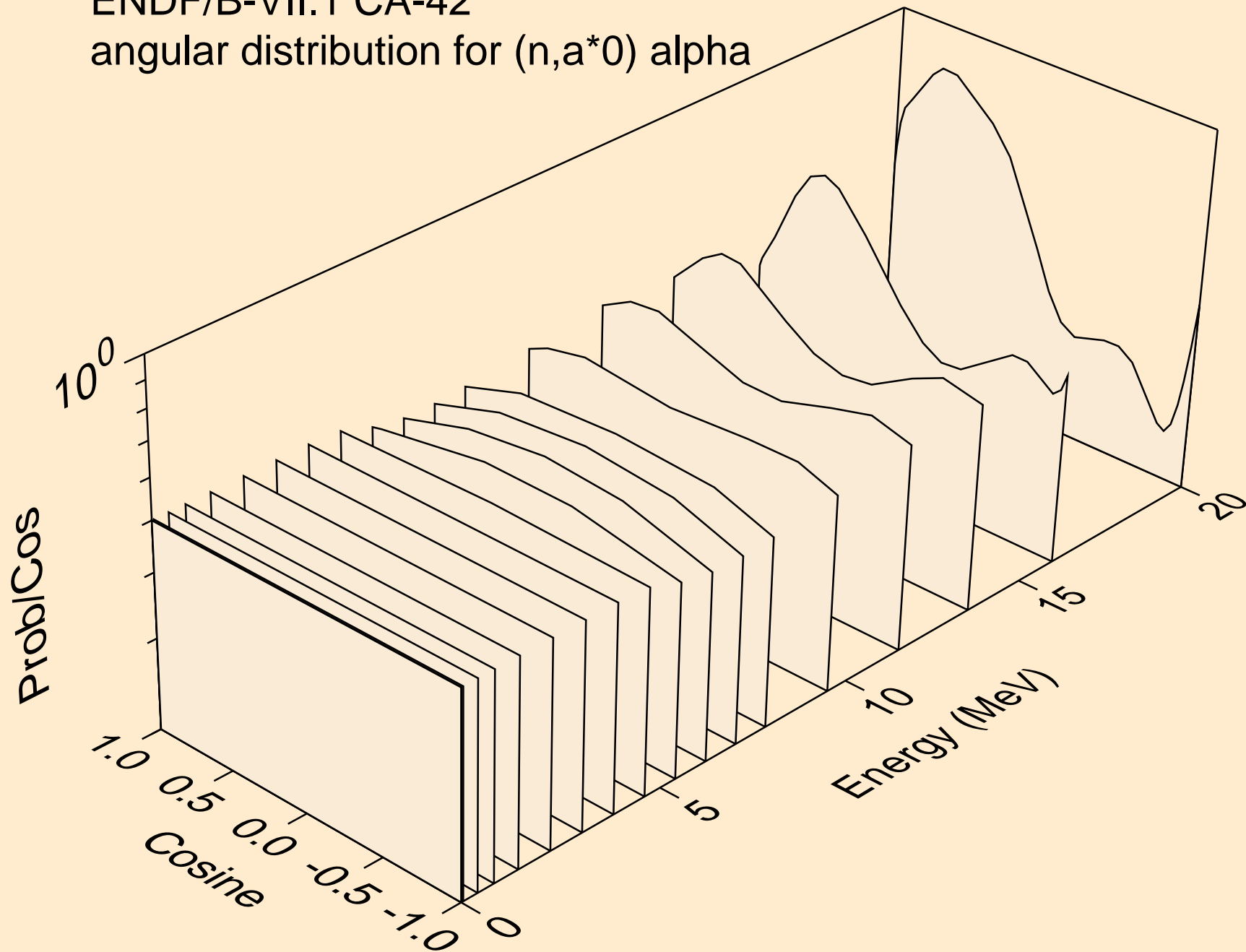
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alphas from (n,pa)



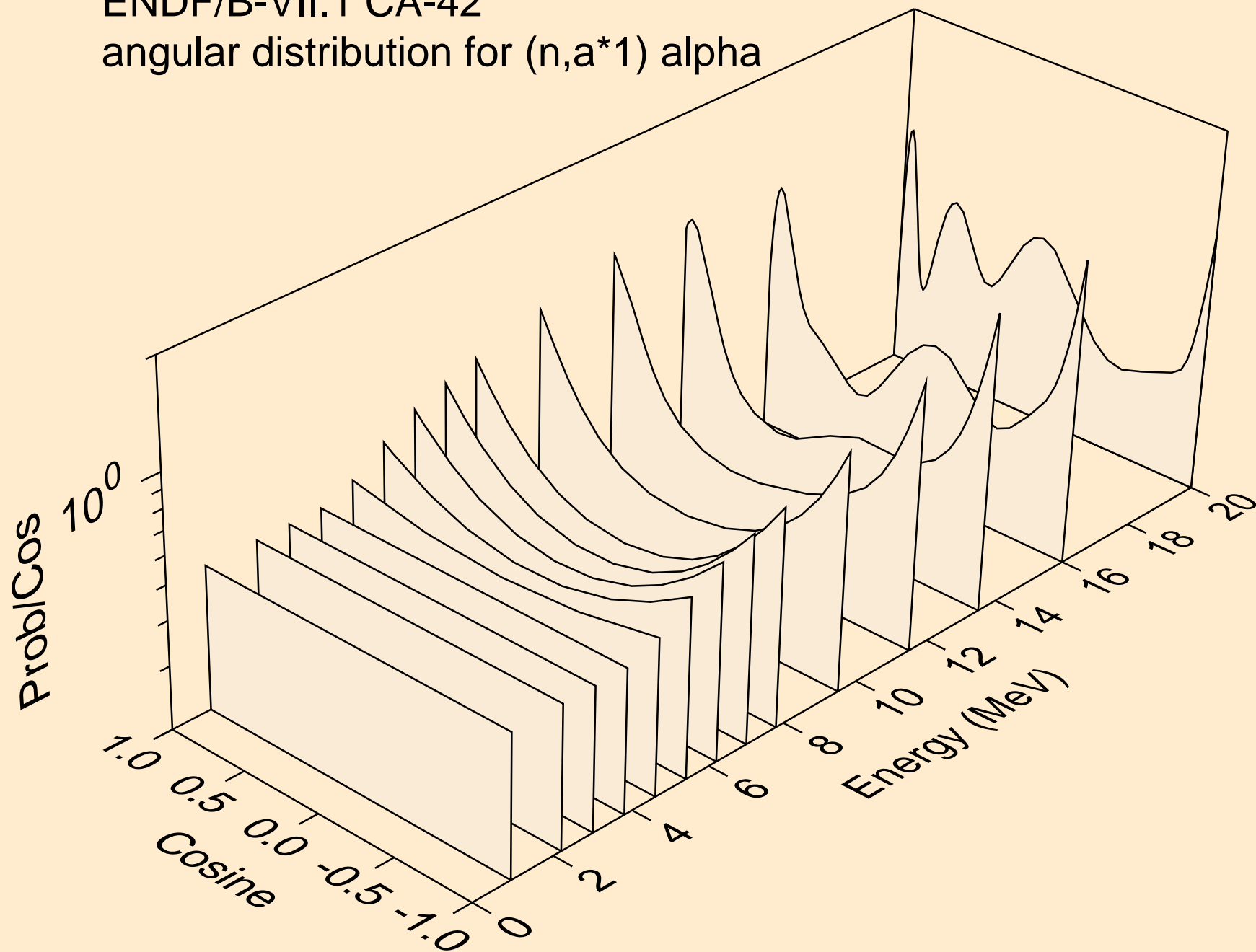
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alphas from (n,da)



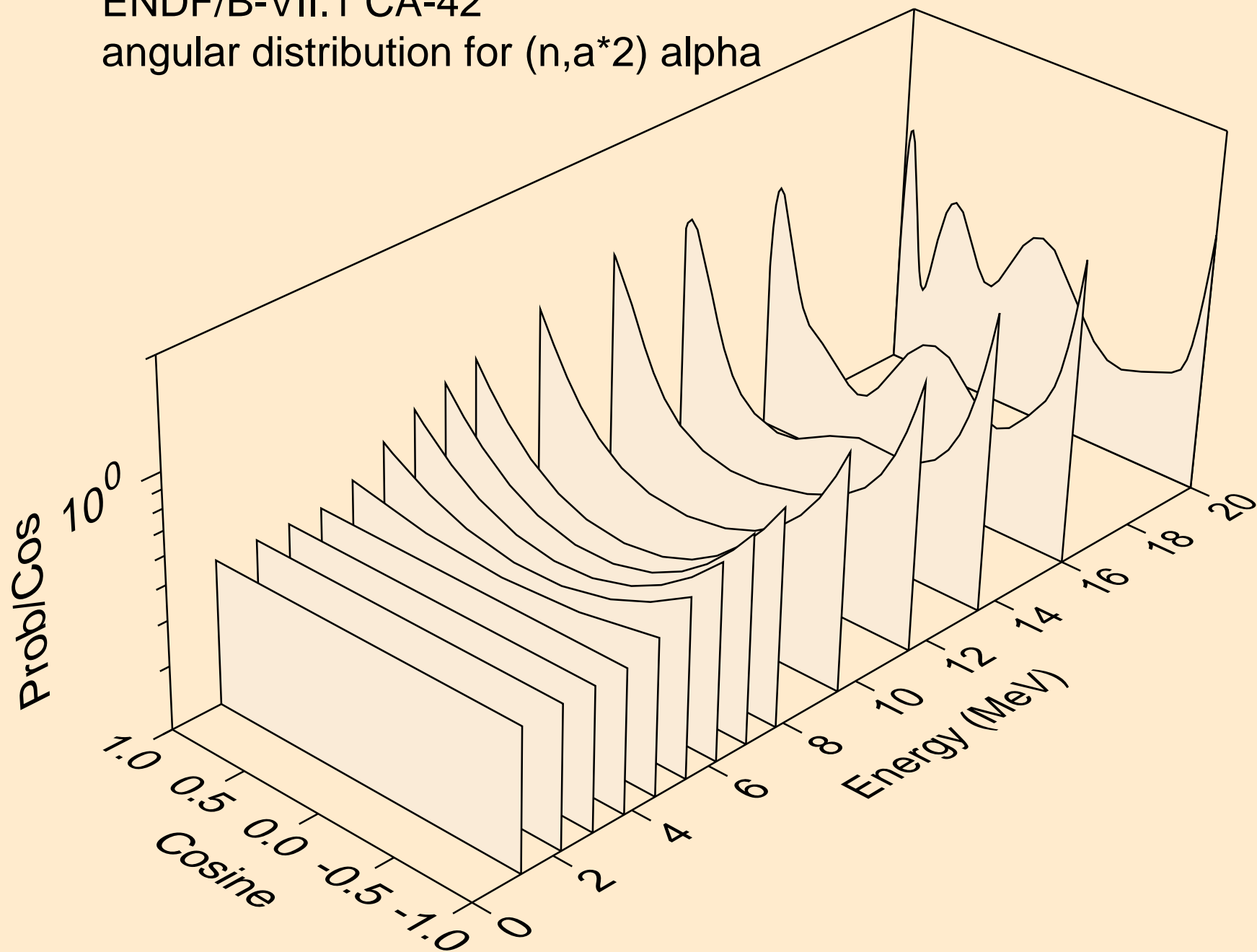
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angular distribution for (n, α) alpha



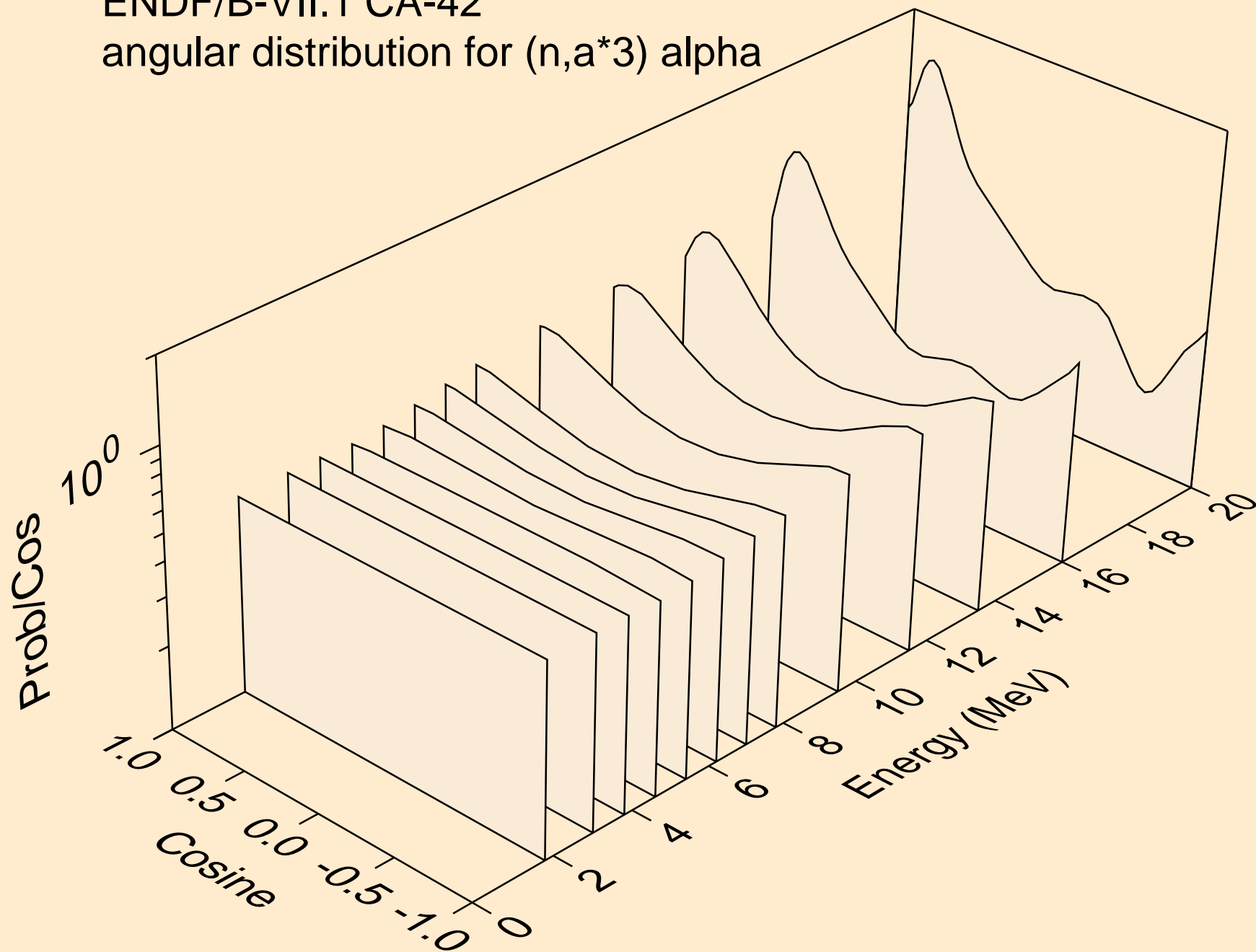
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angular distribution for (n,a*1) alpha



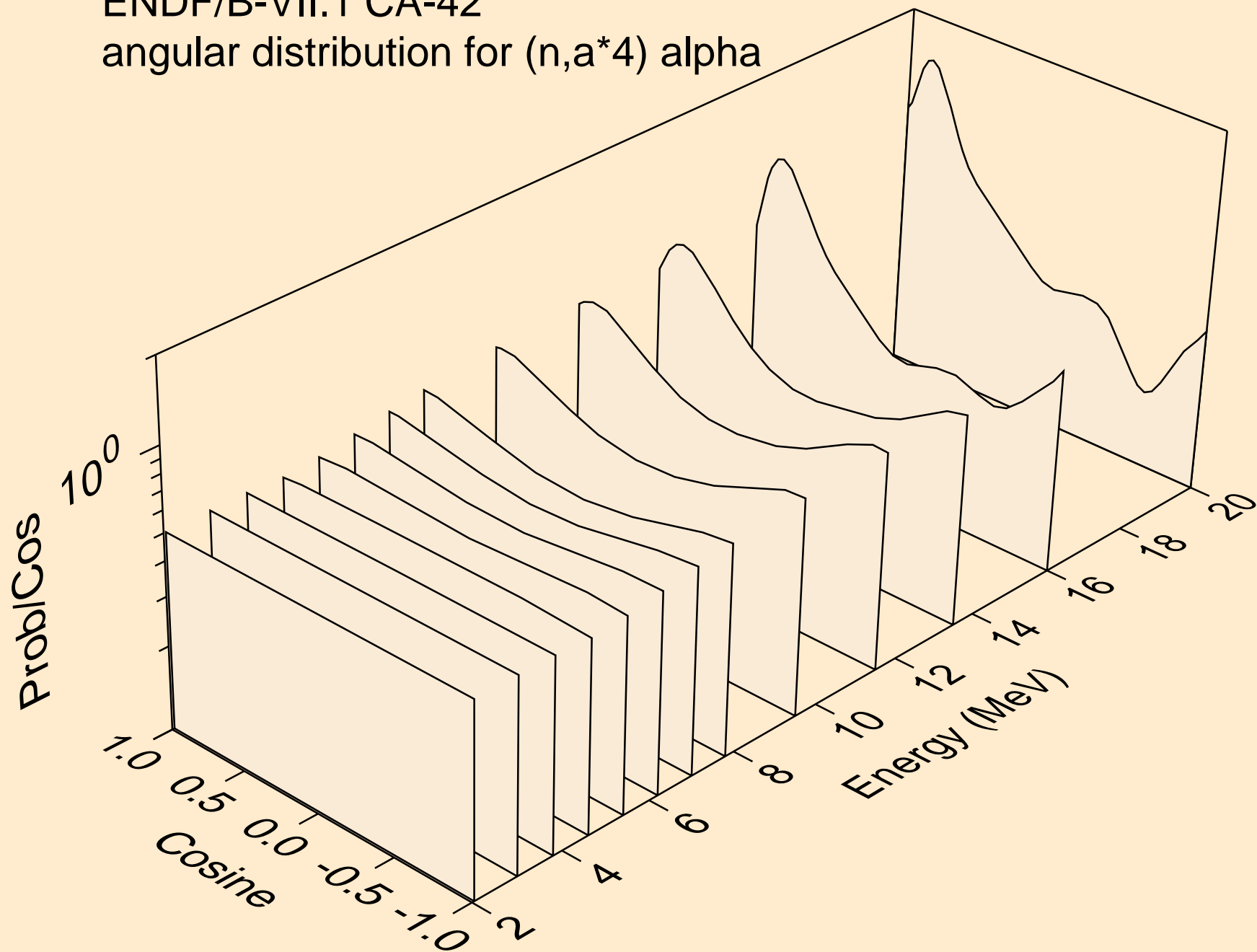
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angular distribution for (n, α *2) alpha



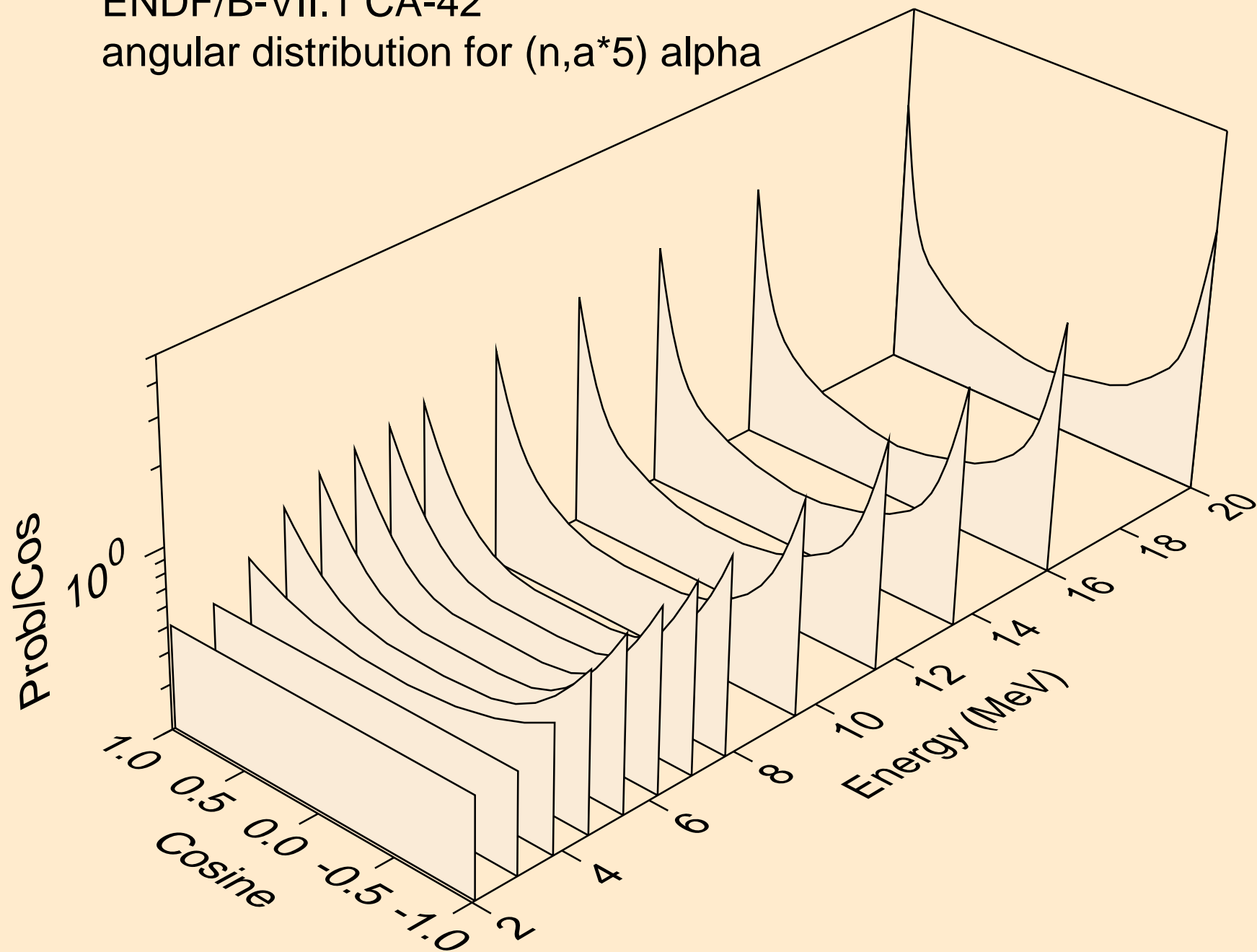
ENDF/B-VII.1 CA-42
angular distribution for (n, α *3) alpha



ENDF/B-VII.1 CA-42
angular distribution for (n, α) alpha

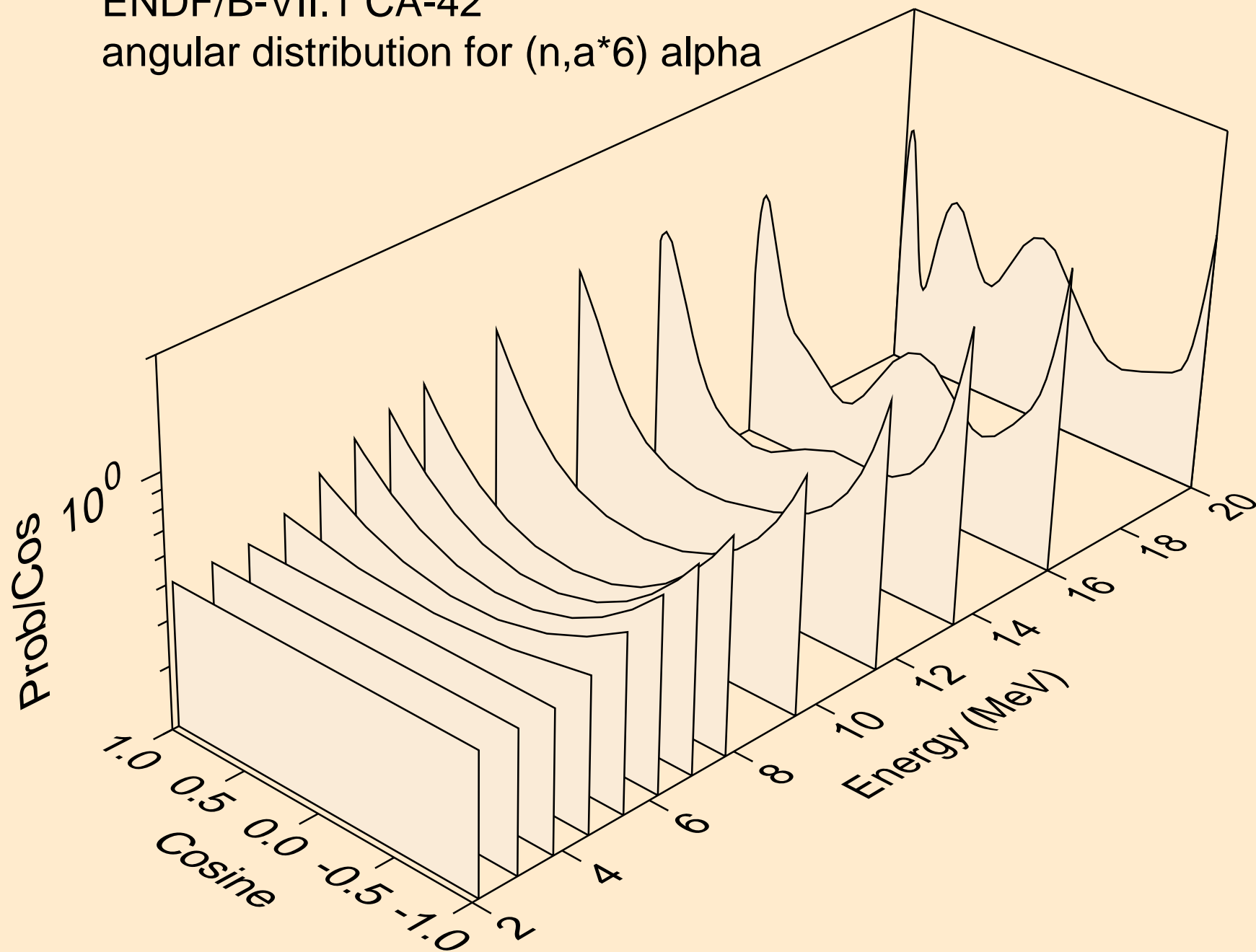


ENDF/B-VII.1 CA-42
angular distribution for (n, α *5) alpha

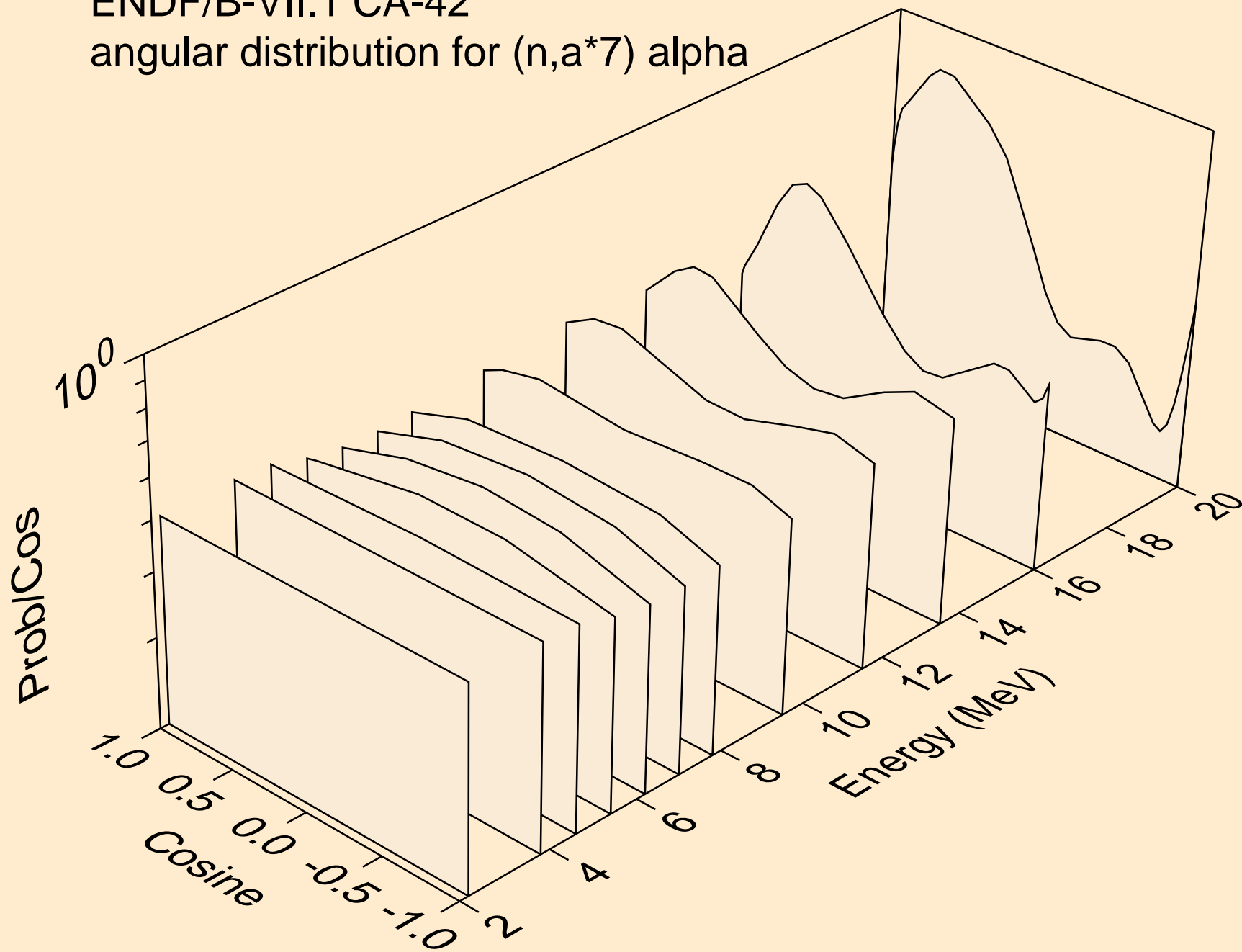


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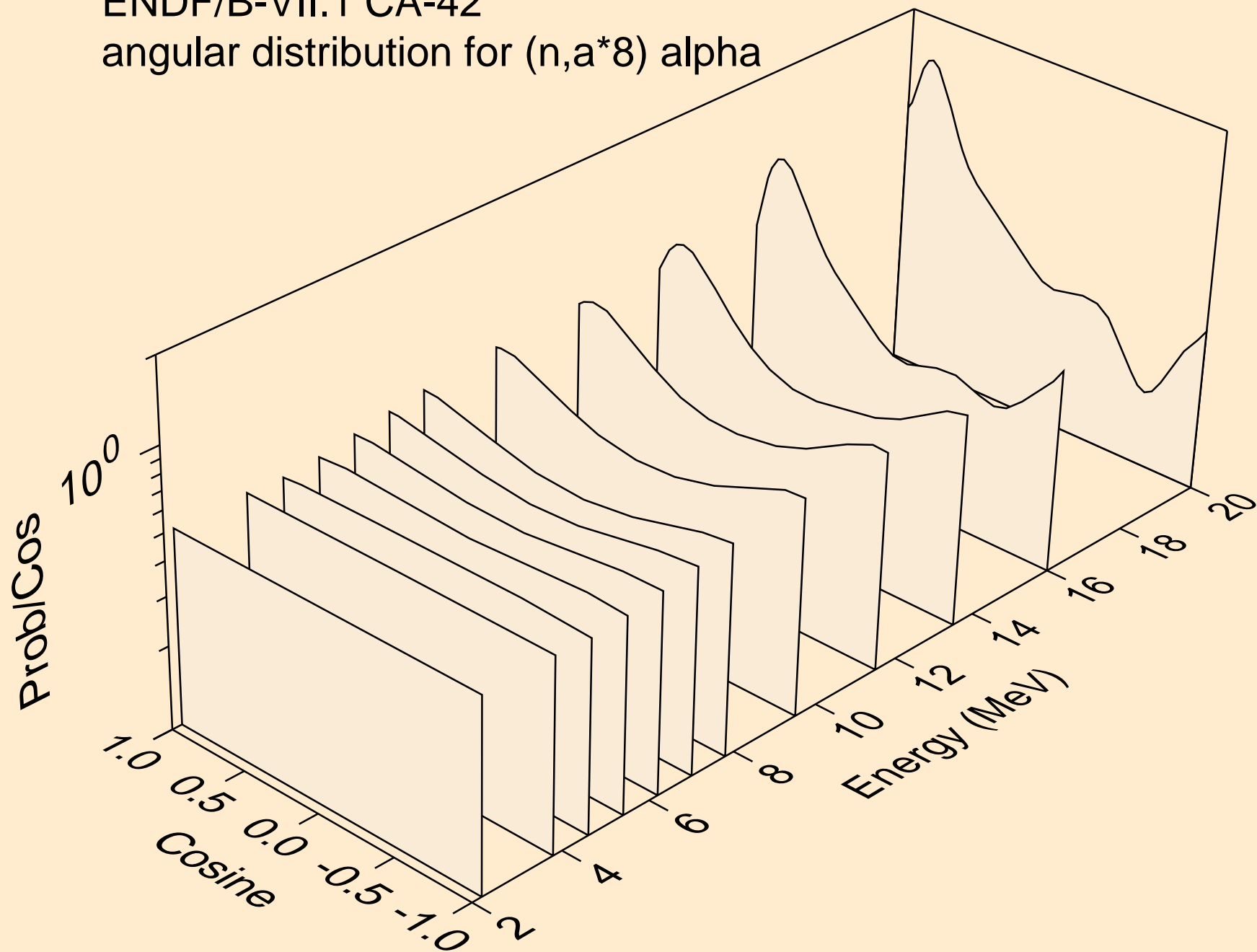
angular distribution for (n, α) alpha



ENDF/B-VII.1 CA-42
angular distribution for (n,a*7) alpha

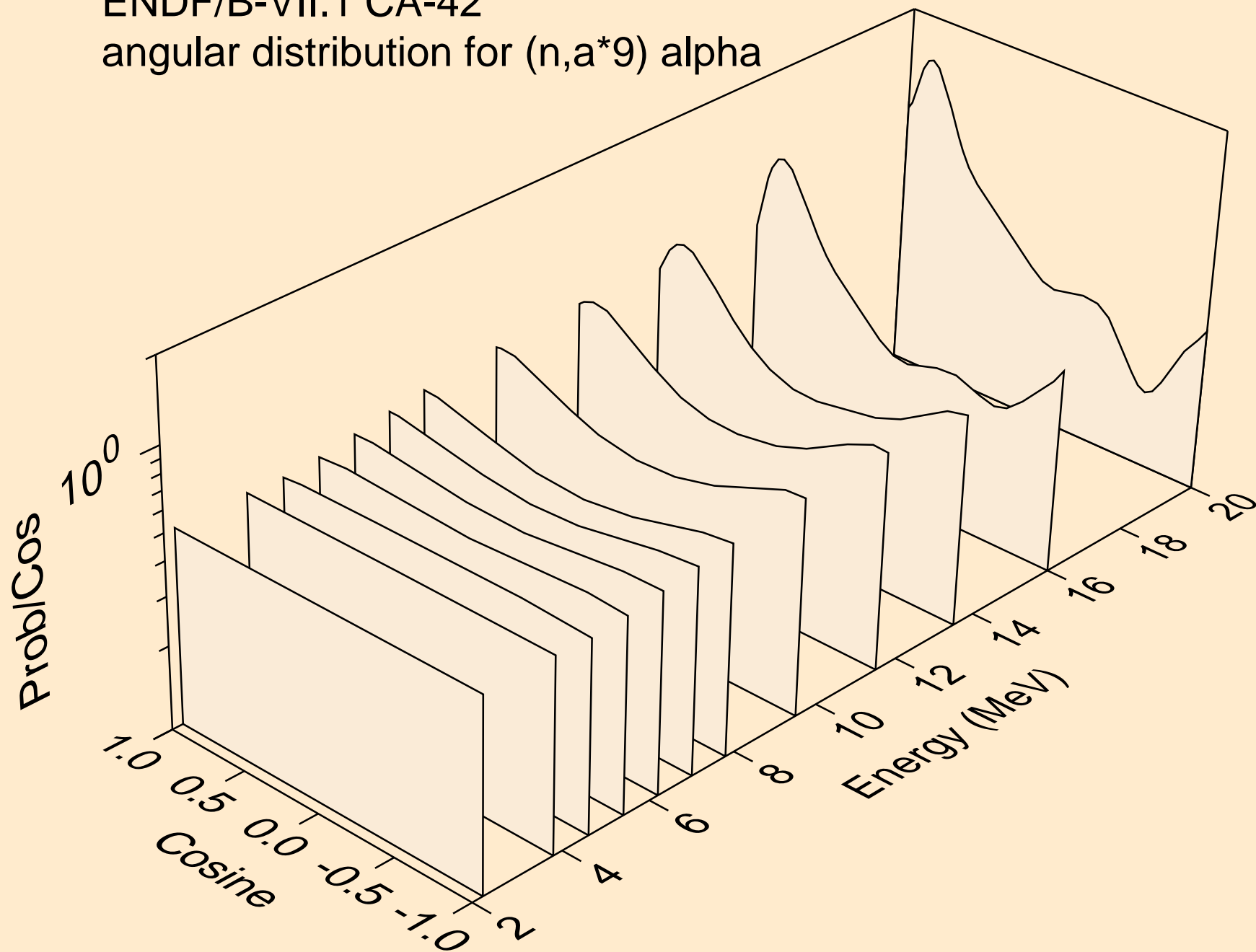


ENDF/B-VII.1 CA-42
angular distribution for (n, α *8) alpha



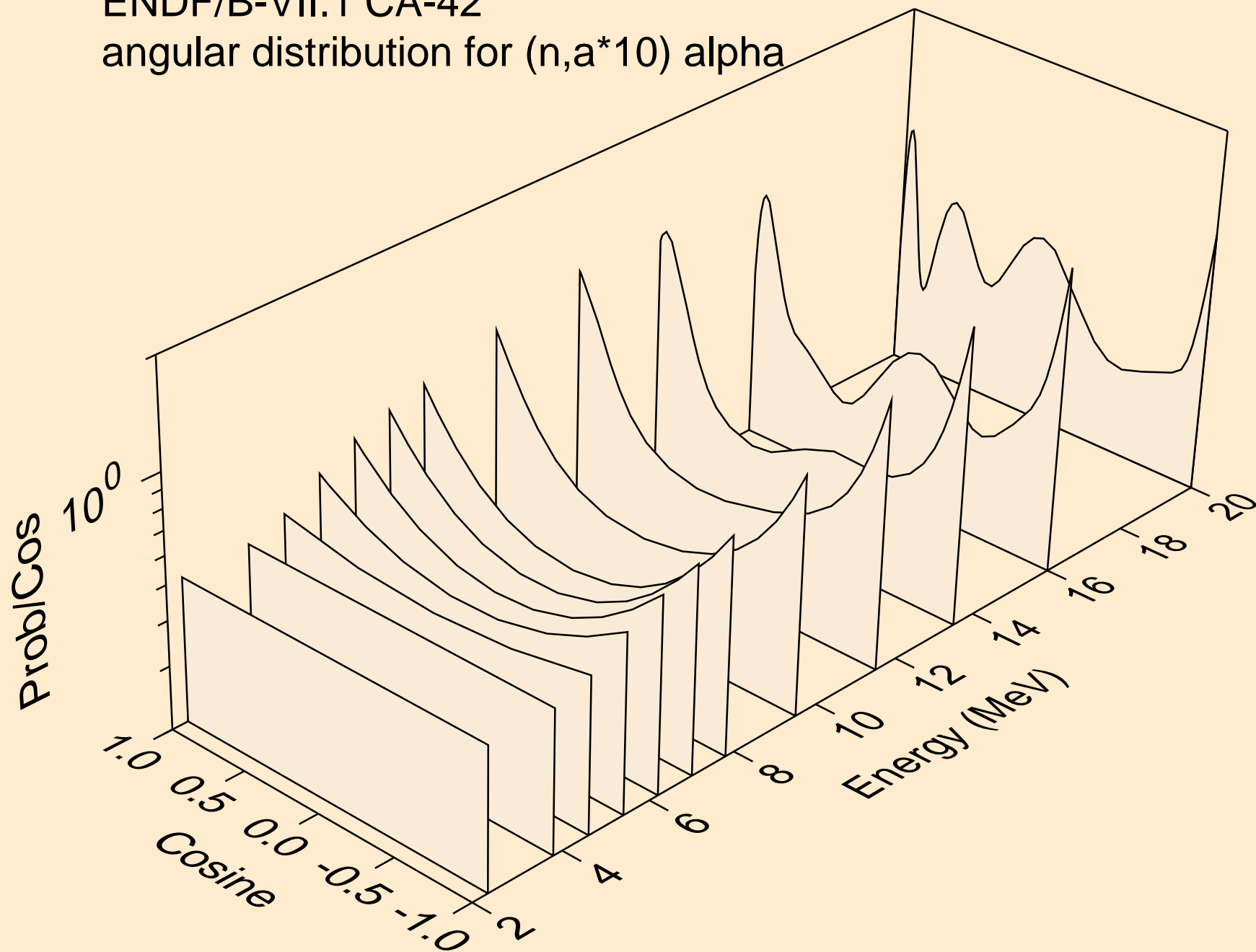
ENDF/B-VII.1 CA-42

angular distribution for (n, α) alpha



ENDF/B-VII.1 CA-42

angular distribution for (n, α *10) alpha



ENDF/B-VII.1 CA-42
alphas from (n,a*c)

