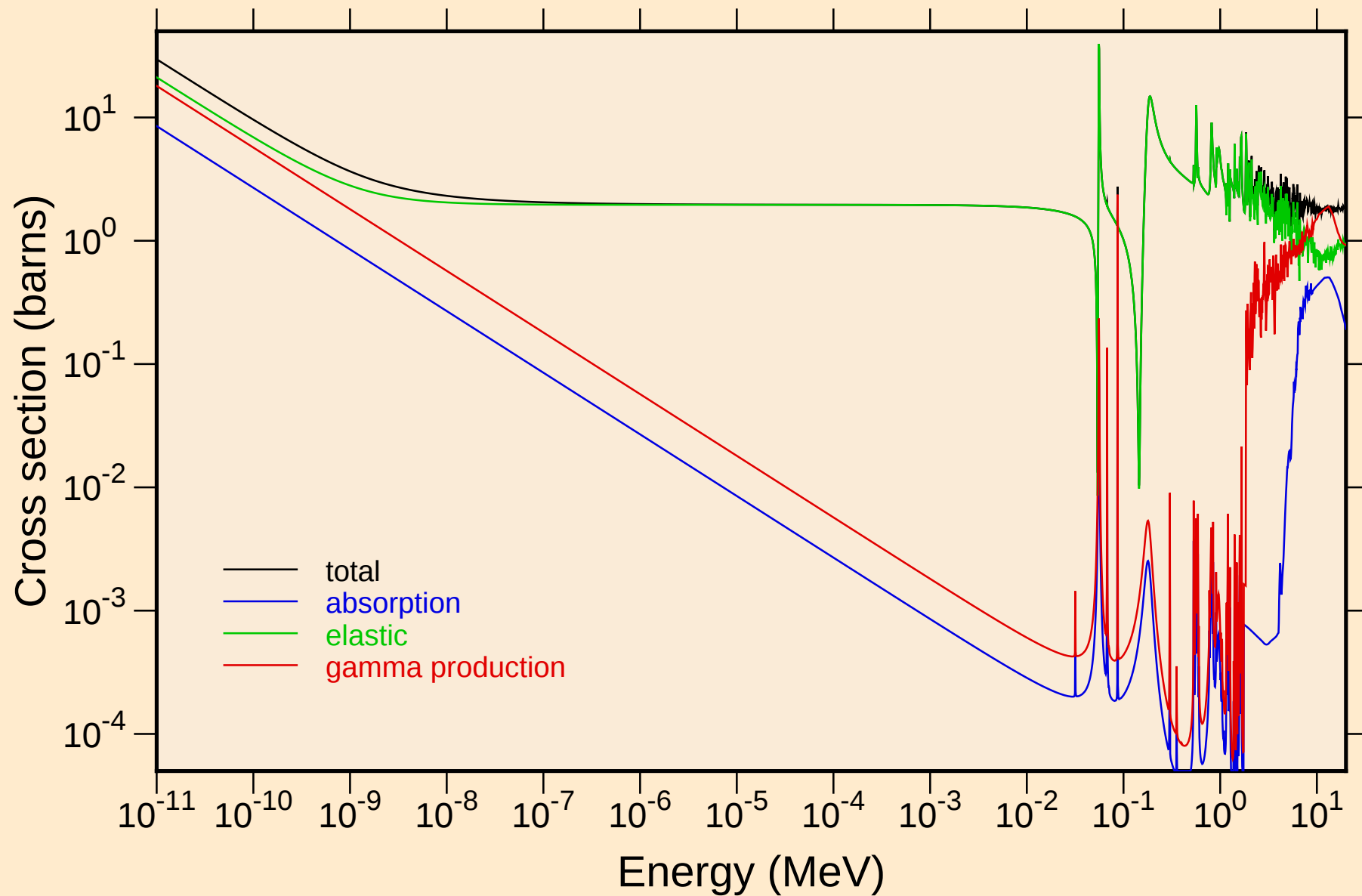
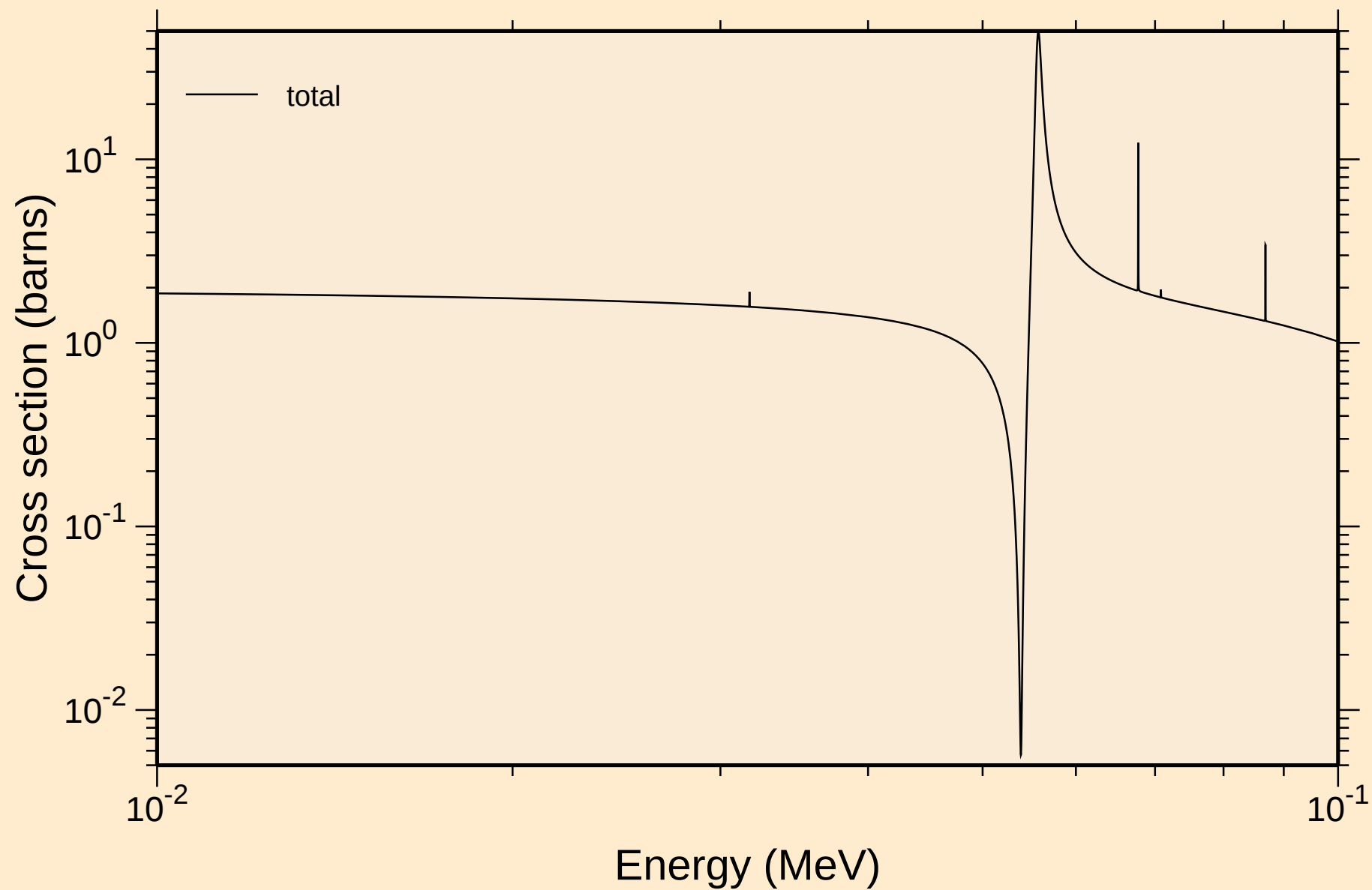


JEFF-3.1 SI-28

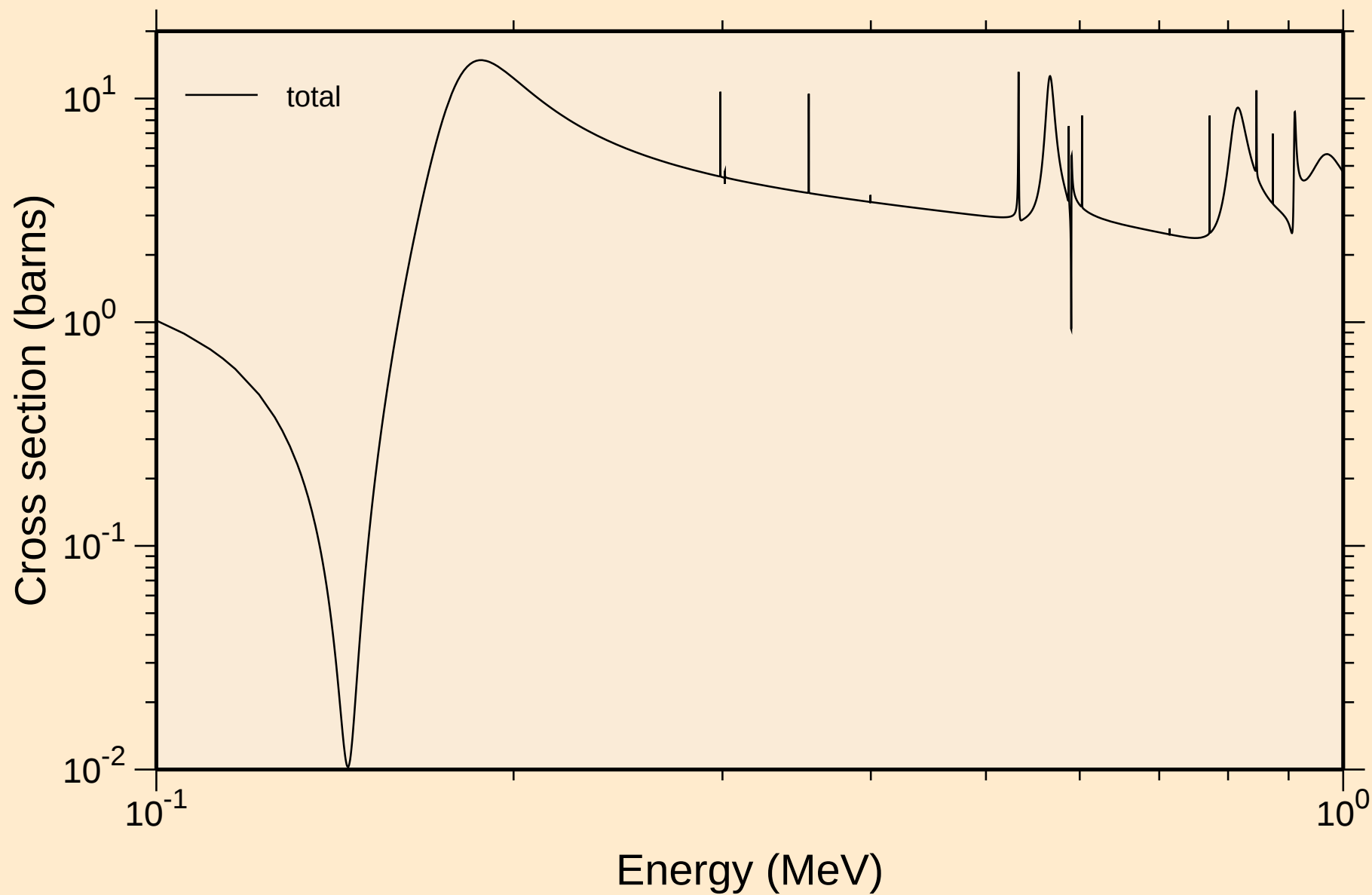
Principal cross sections



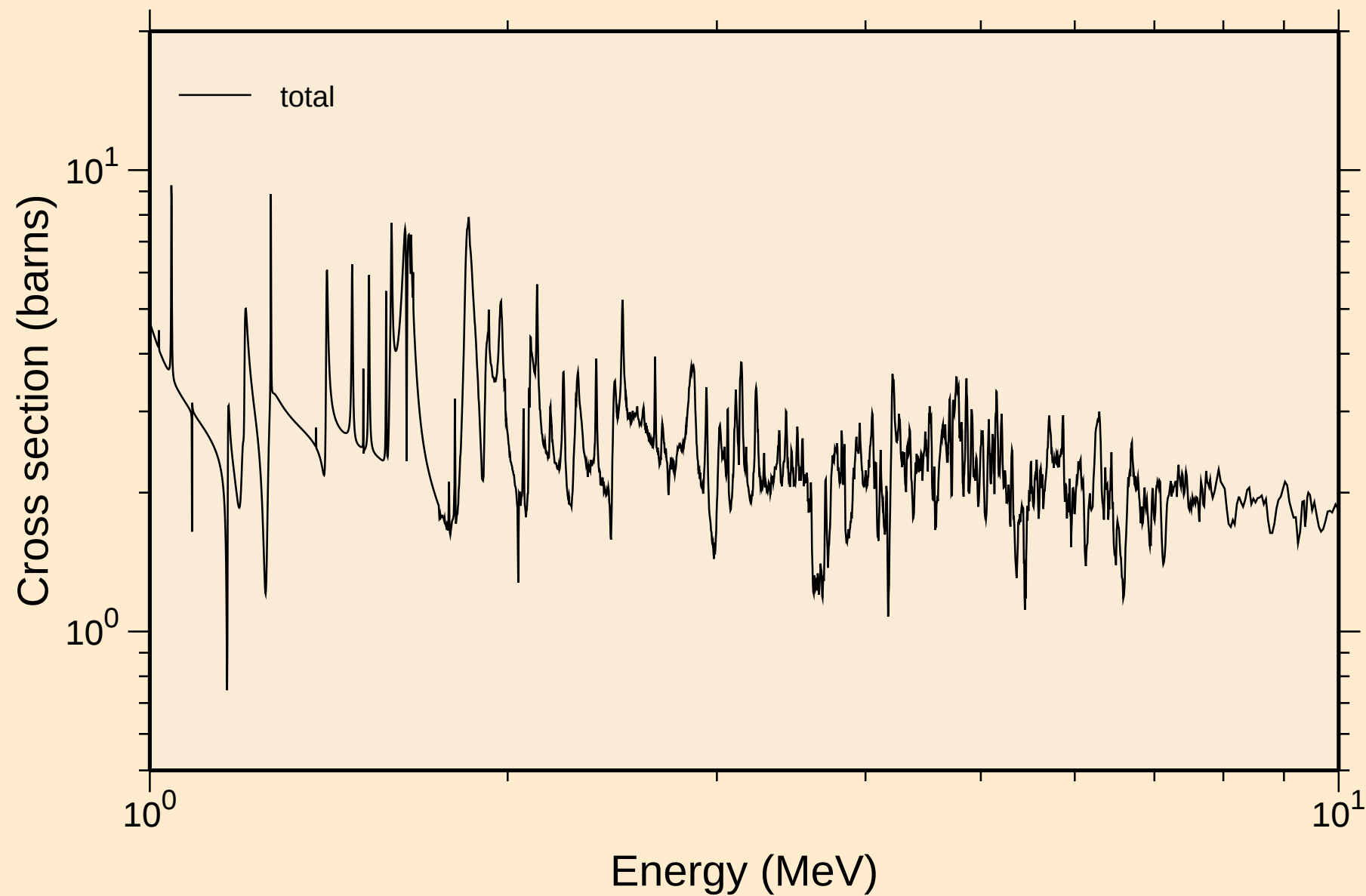
JEFF-3.1 SI-28
resonance total cross section



JEFF-3.1 SI-28
resonance total cross section

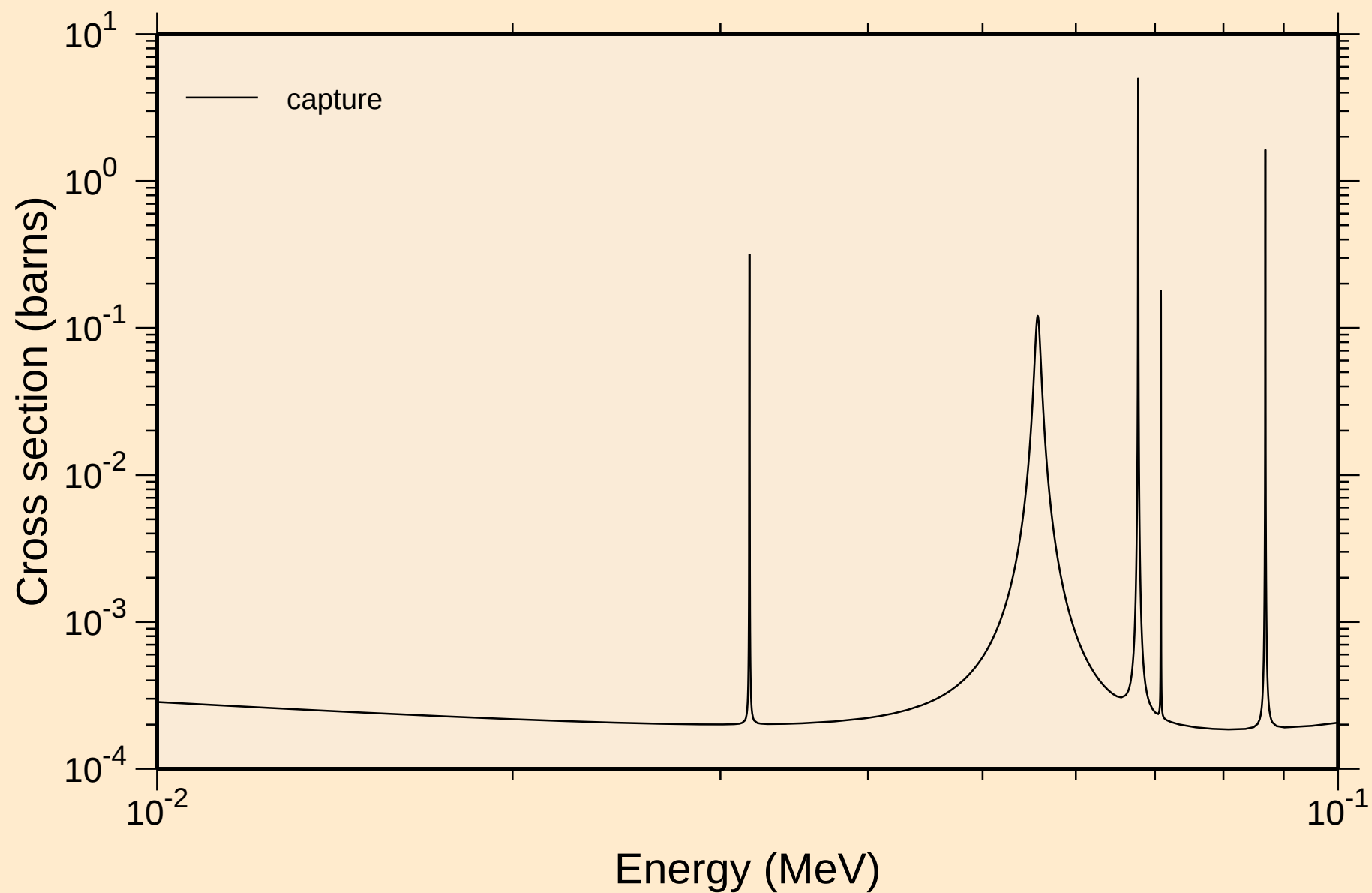


JEFF-3.1 SI-28
resonance total cross section



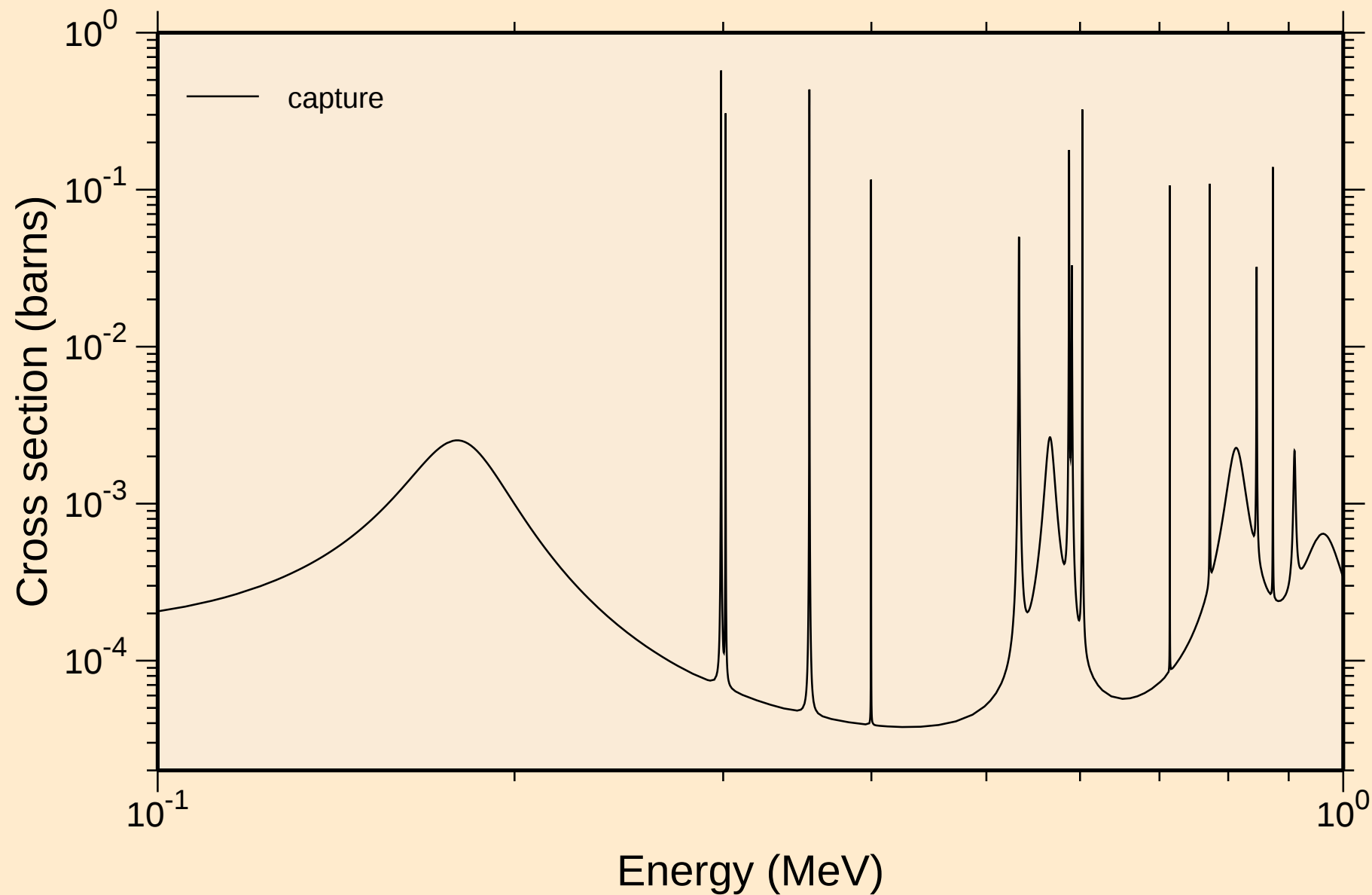
JEFF-3.1 SI-28

resonance absorption cross sections



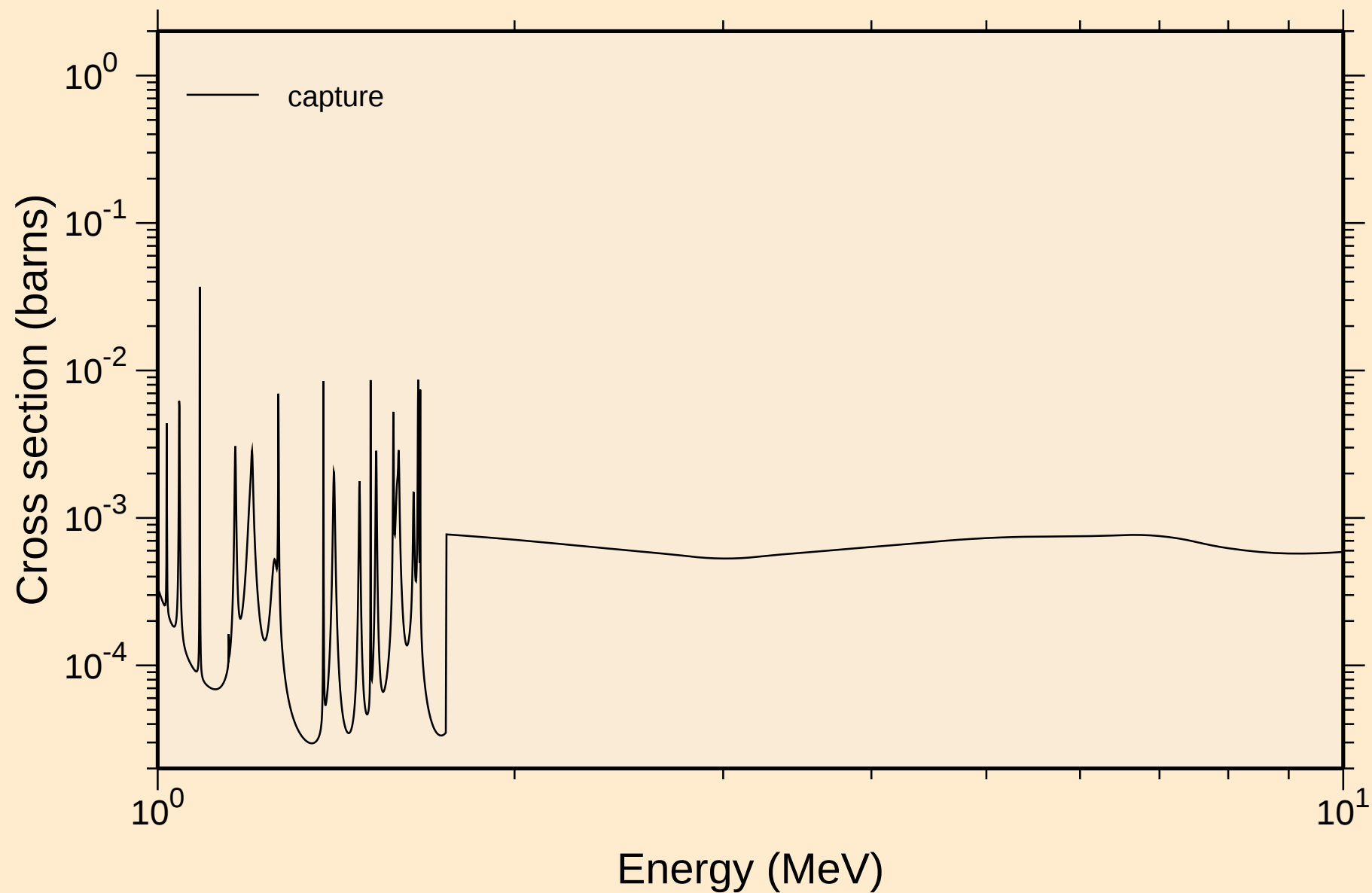
JEFF-3.1 SI-28

resonance absorption cross sections



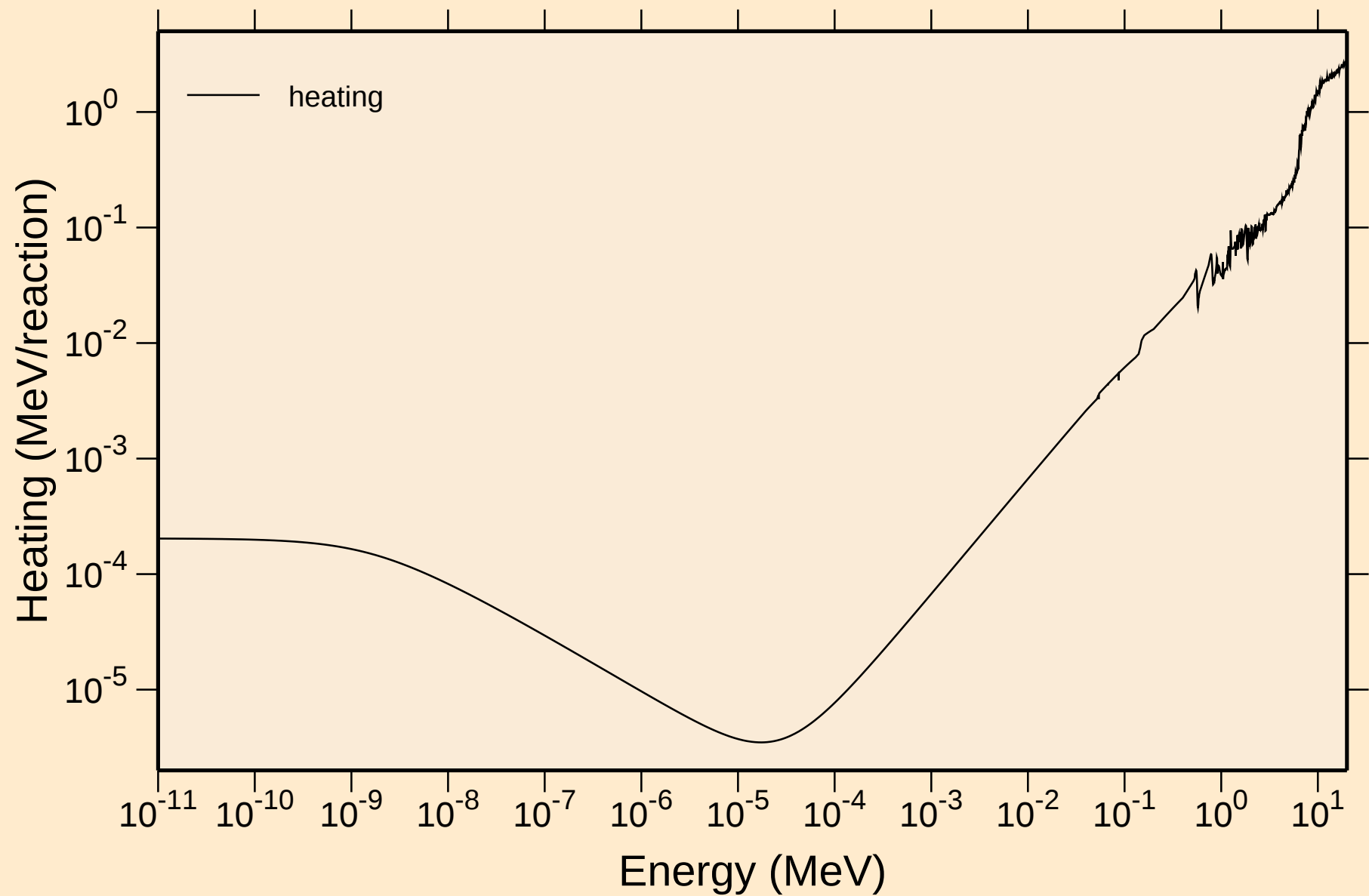
JEFF-3.1 SI-28

resonance absorption cross sections

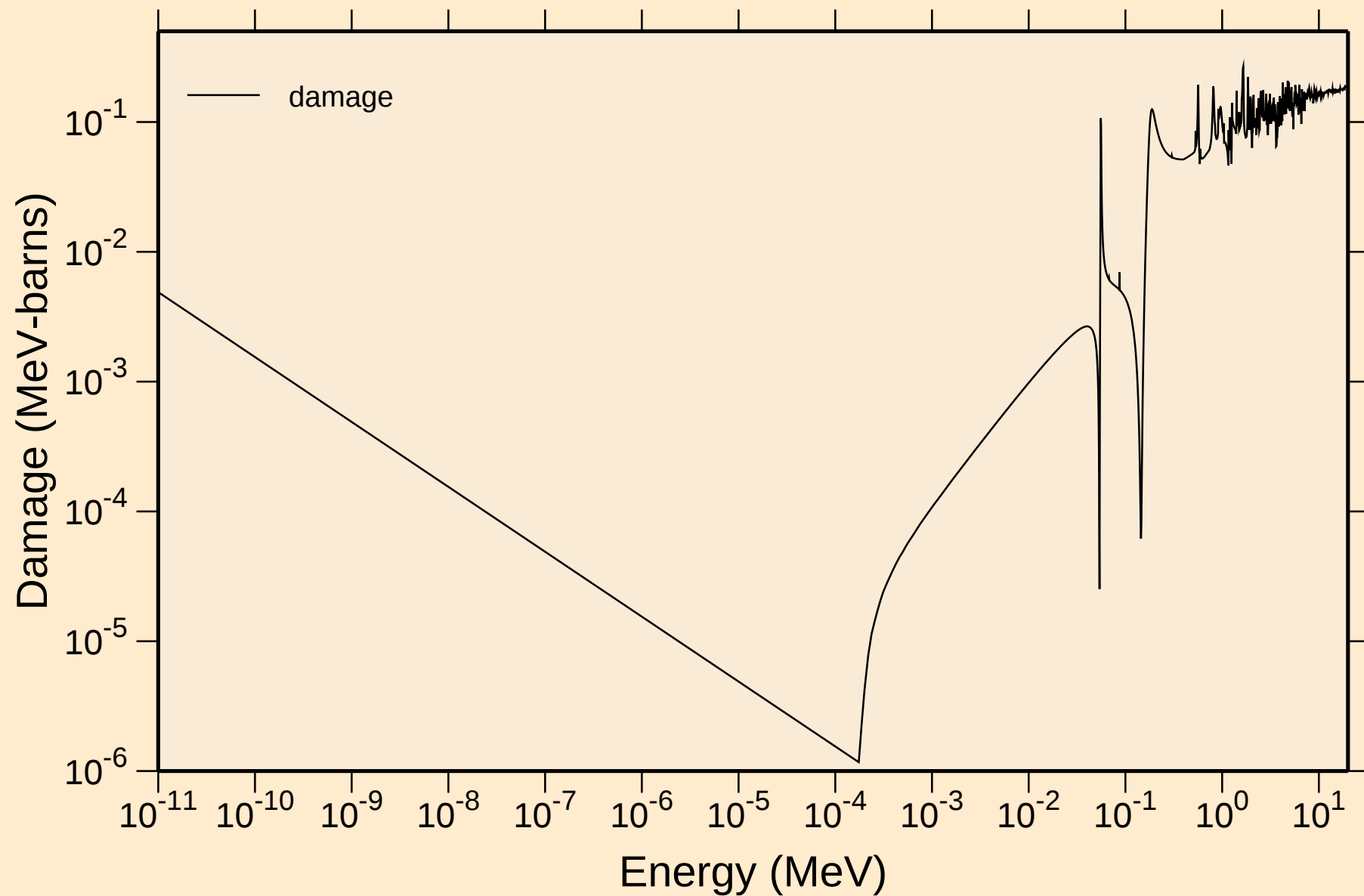


JEFF-3.1 SI-28

Heating

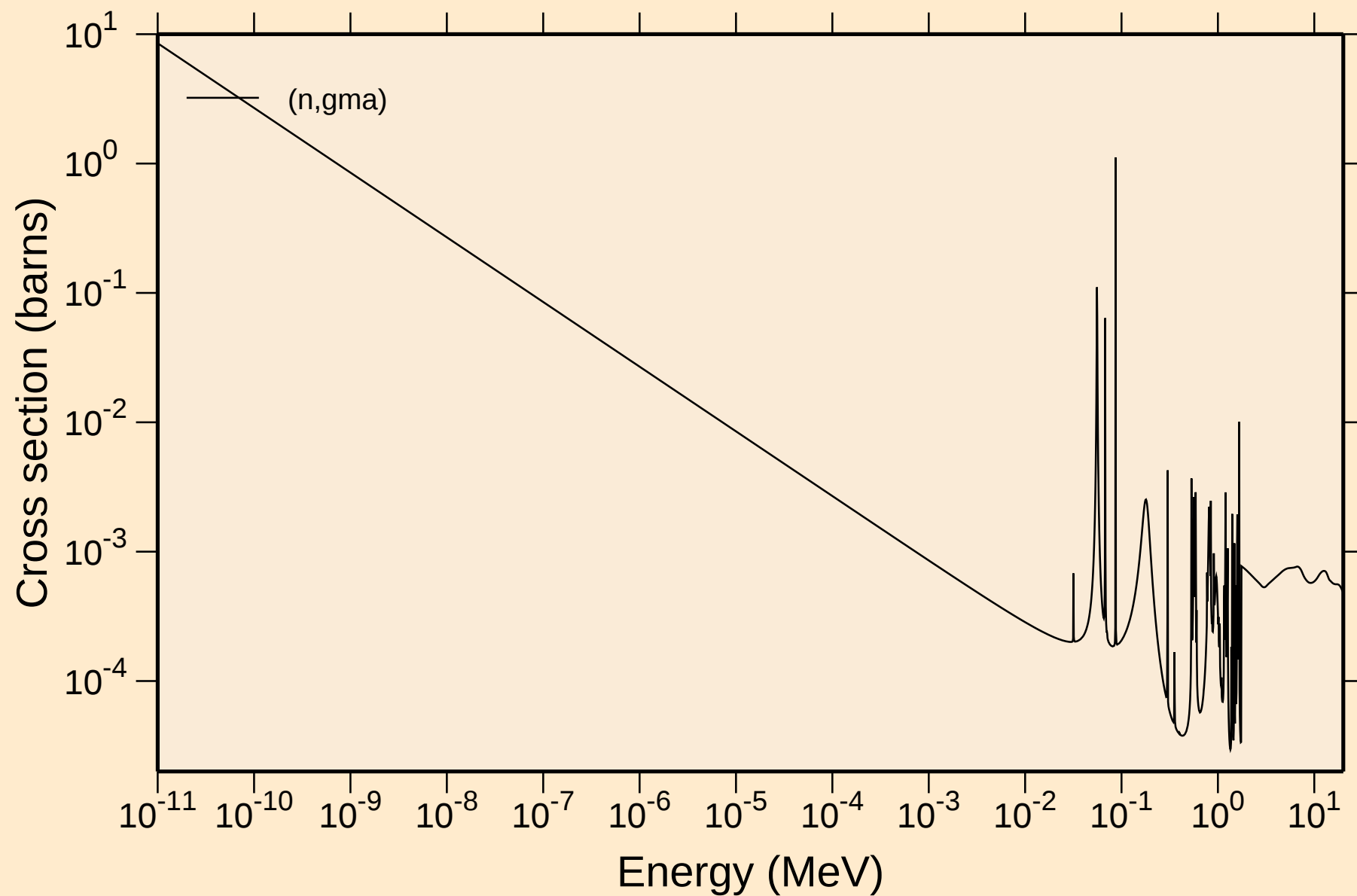


JEFF-3.1 SI-28 Damage



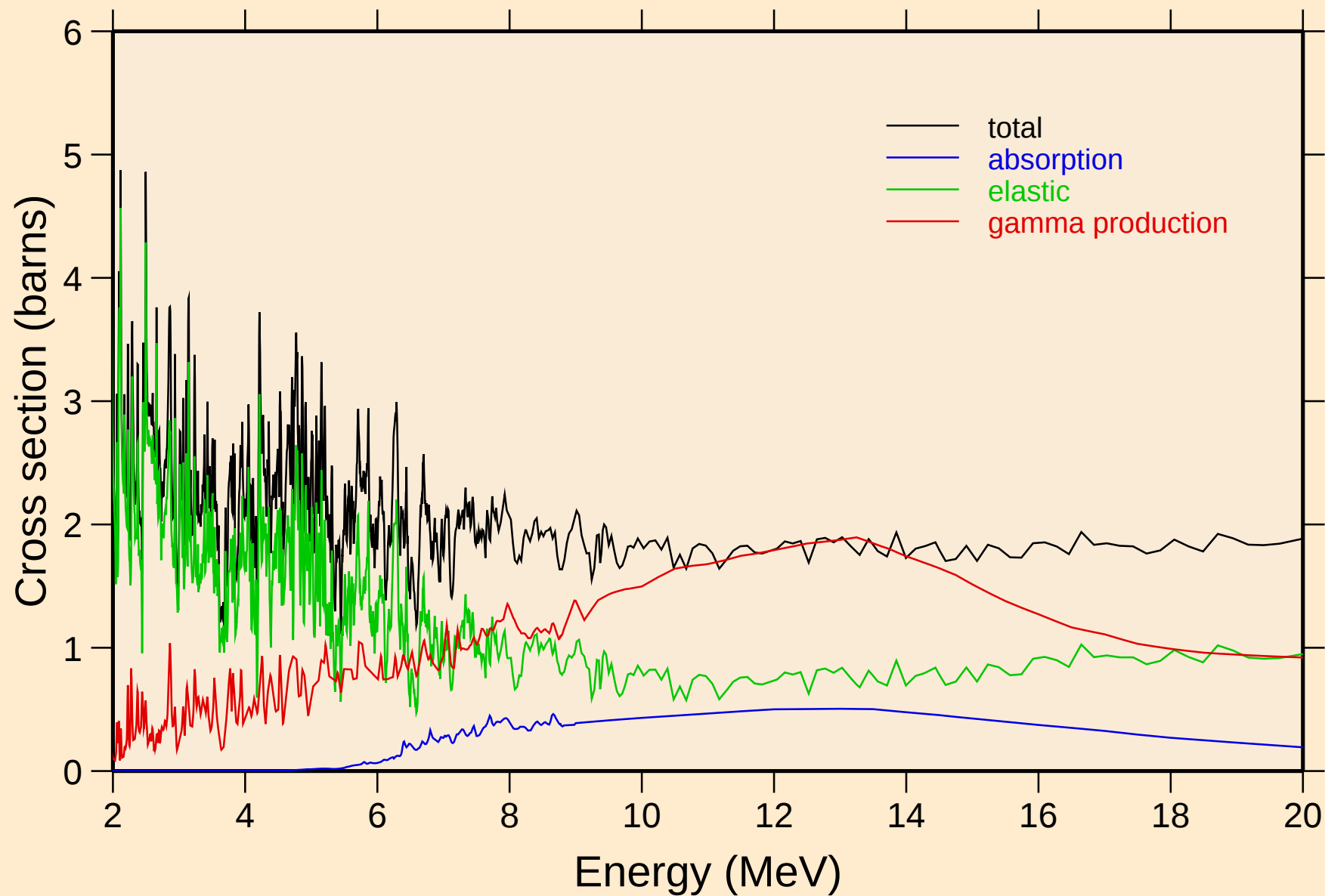
JEFF-3.1 SI-28

Non-threshold reactions



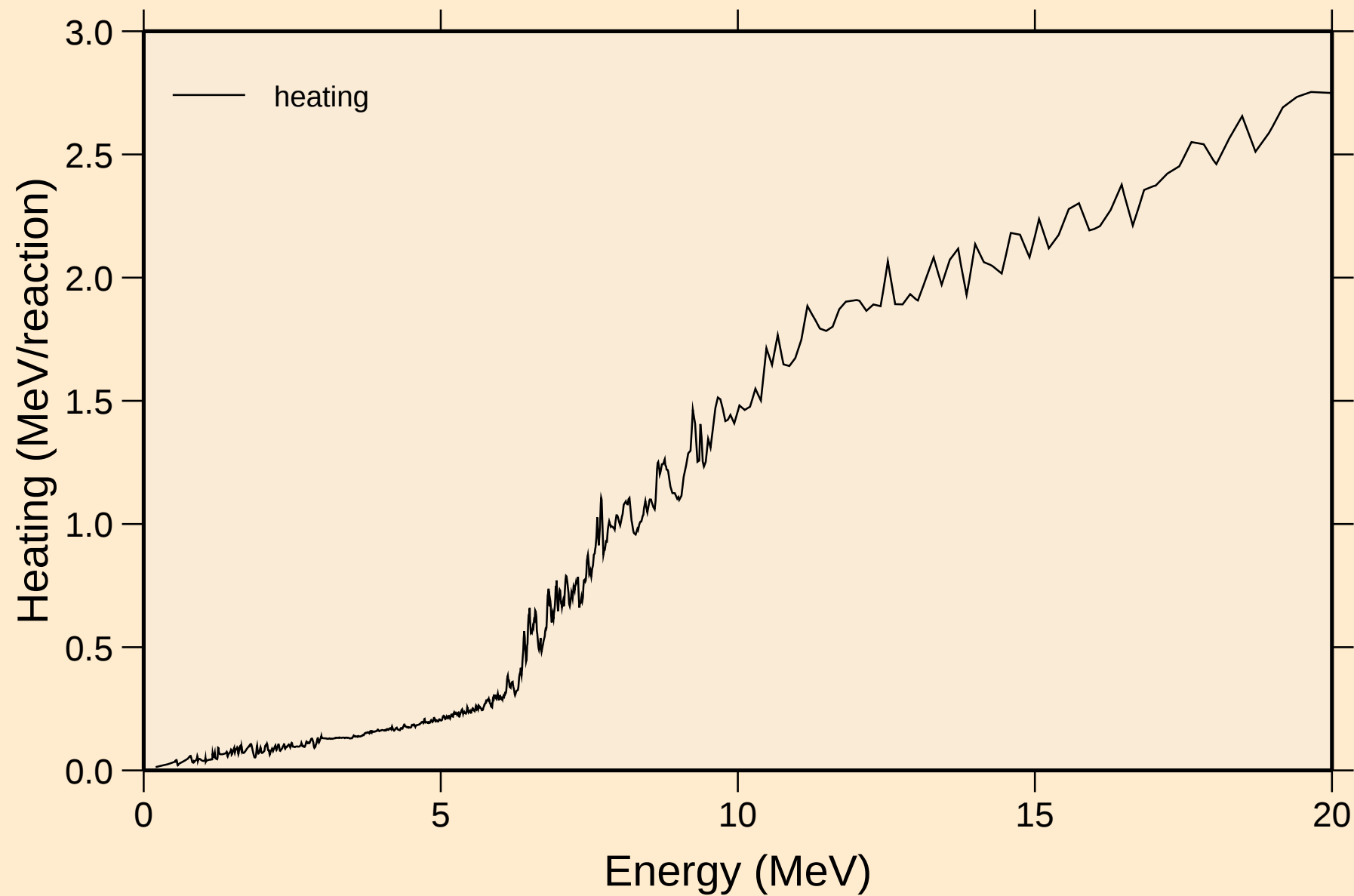
JEFF-3.1 SI-28

Principal cross sections



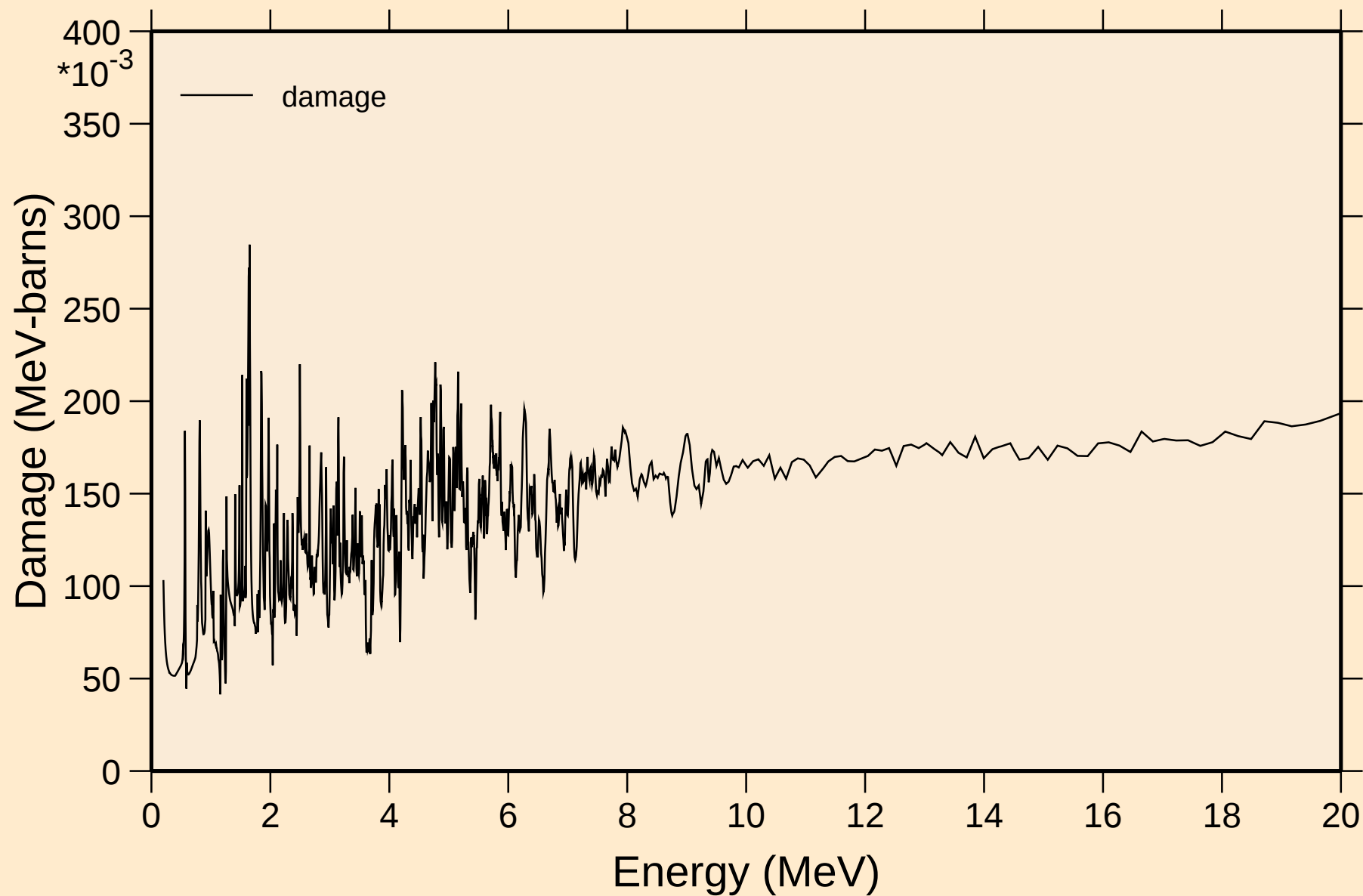
JEFF-3.1 SI-28

Heating



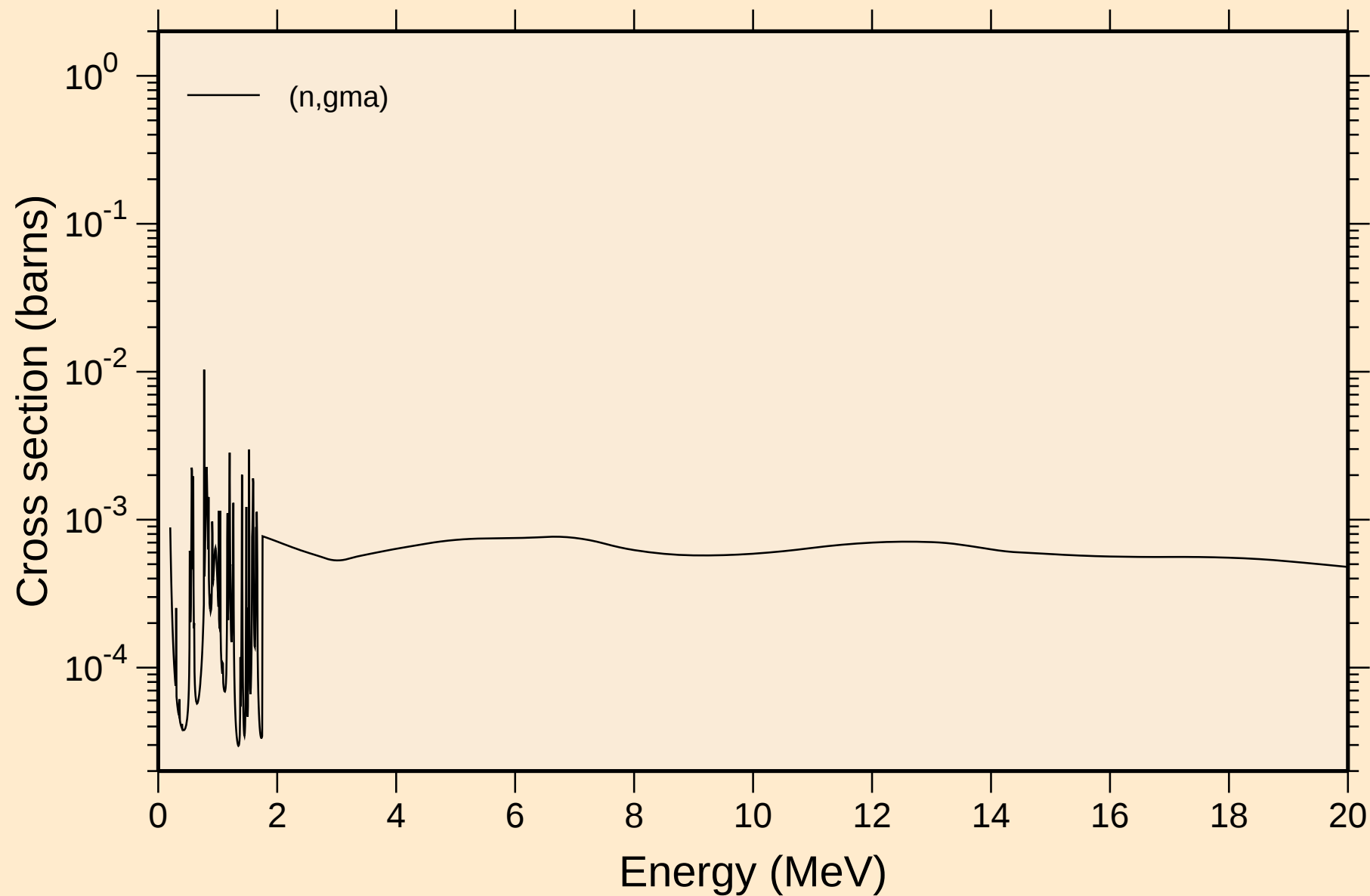
JEFF-3.1 SI-28

Damage



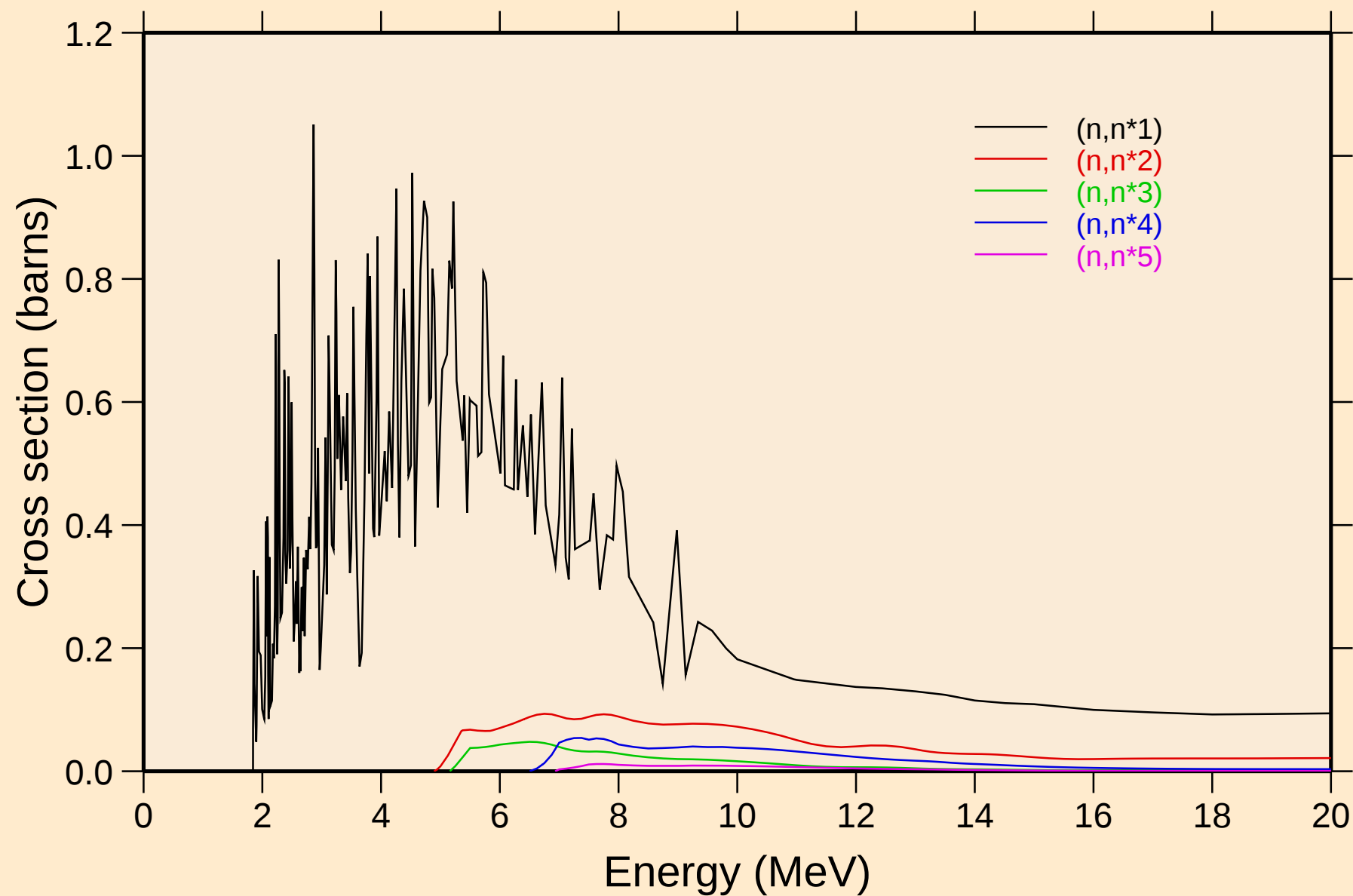
JEFF-3.1 SI-28

Non-threshold reactions



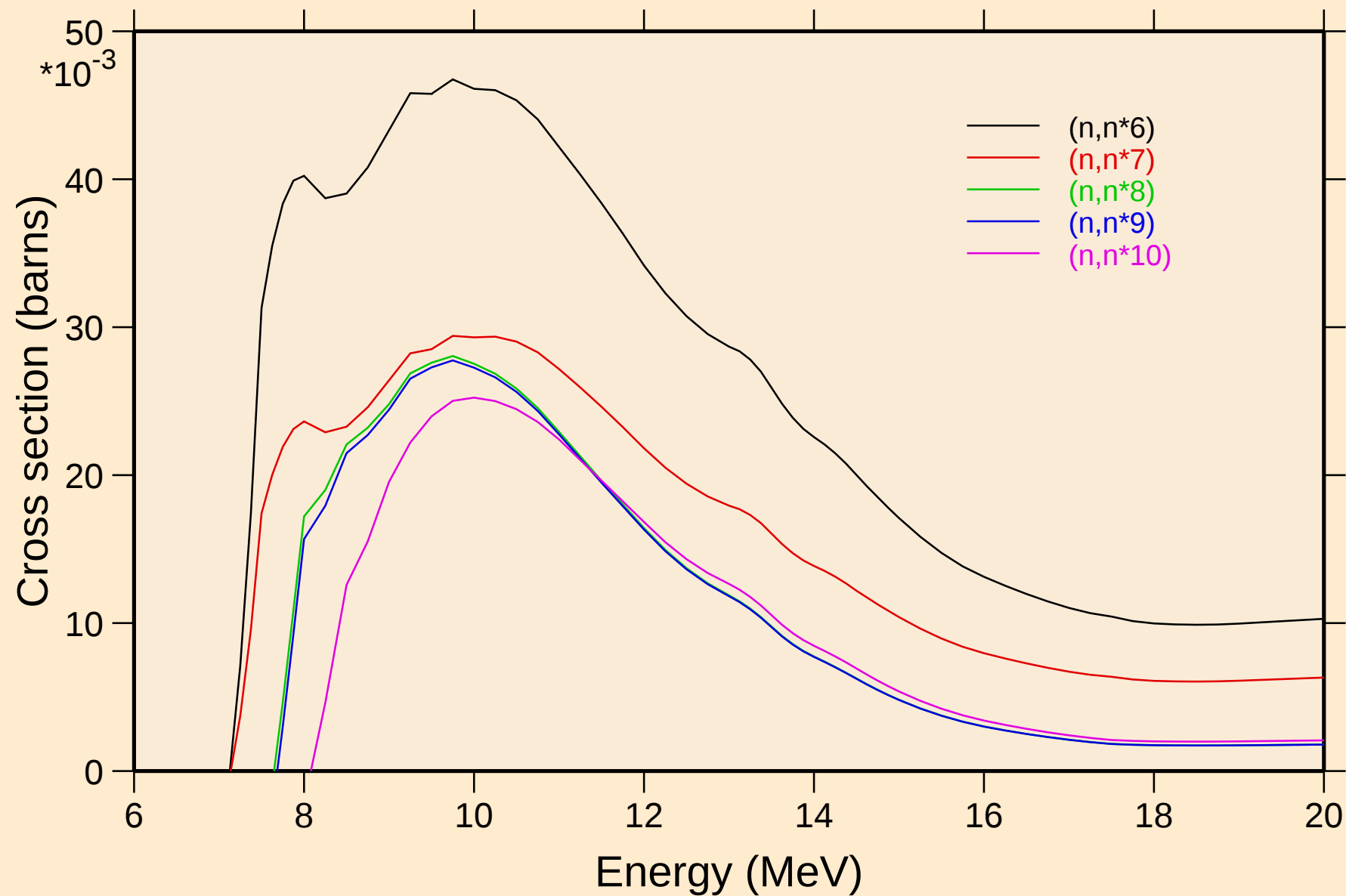
JEFF-3.1 SI-28

Inelastic levels



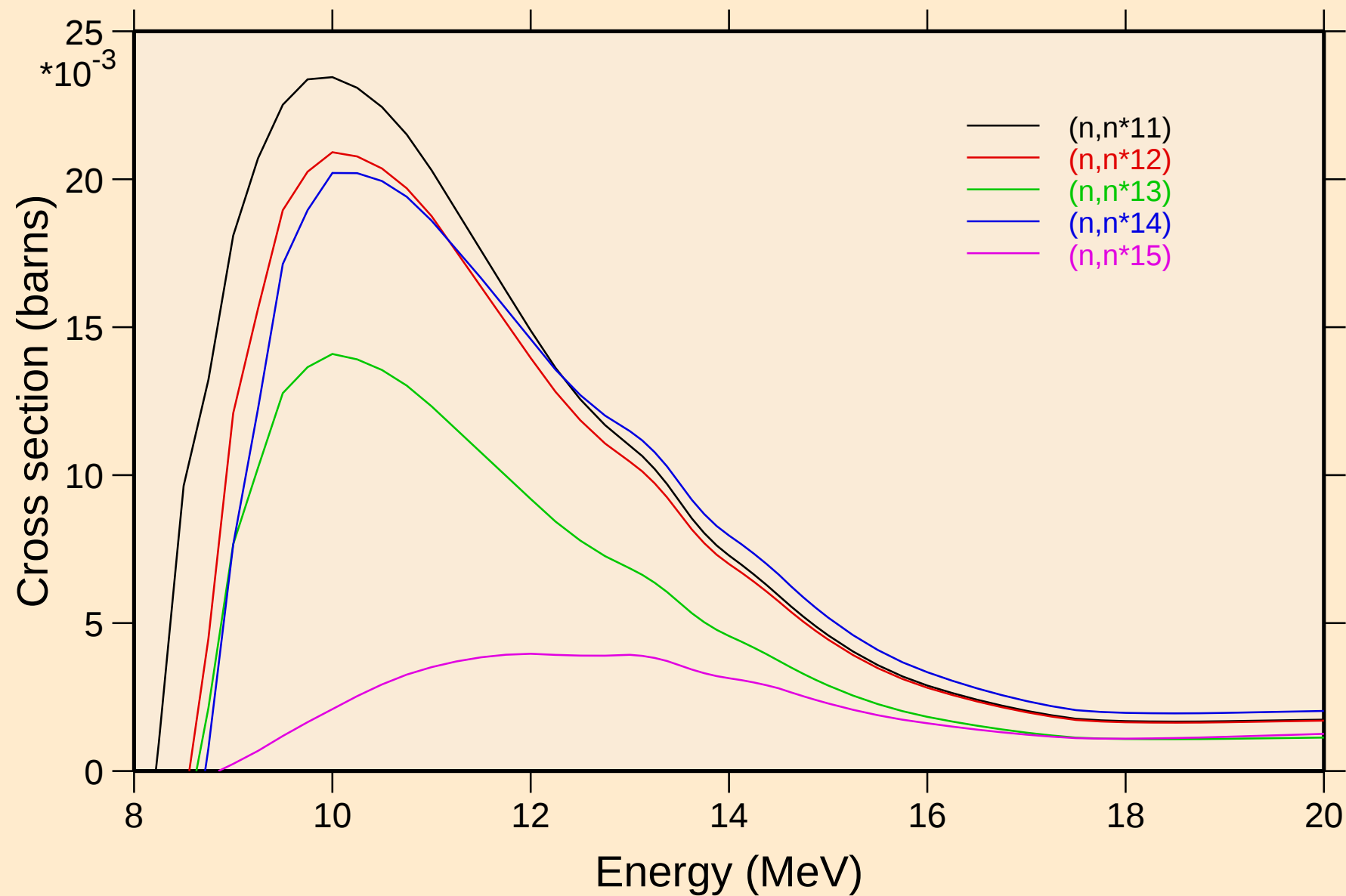
JEFF-3.1 SI-28

Inelastic levels



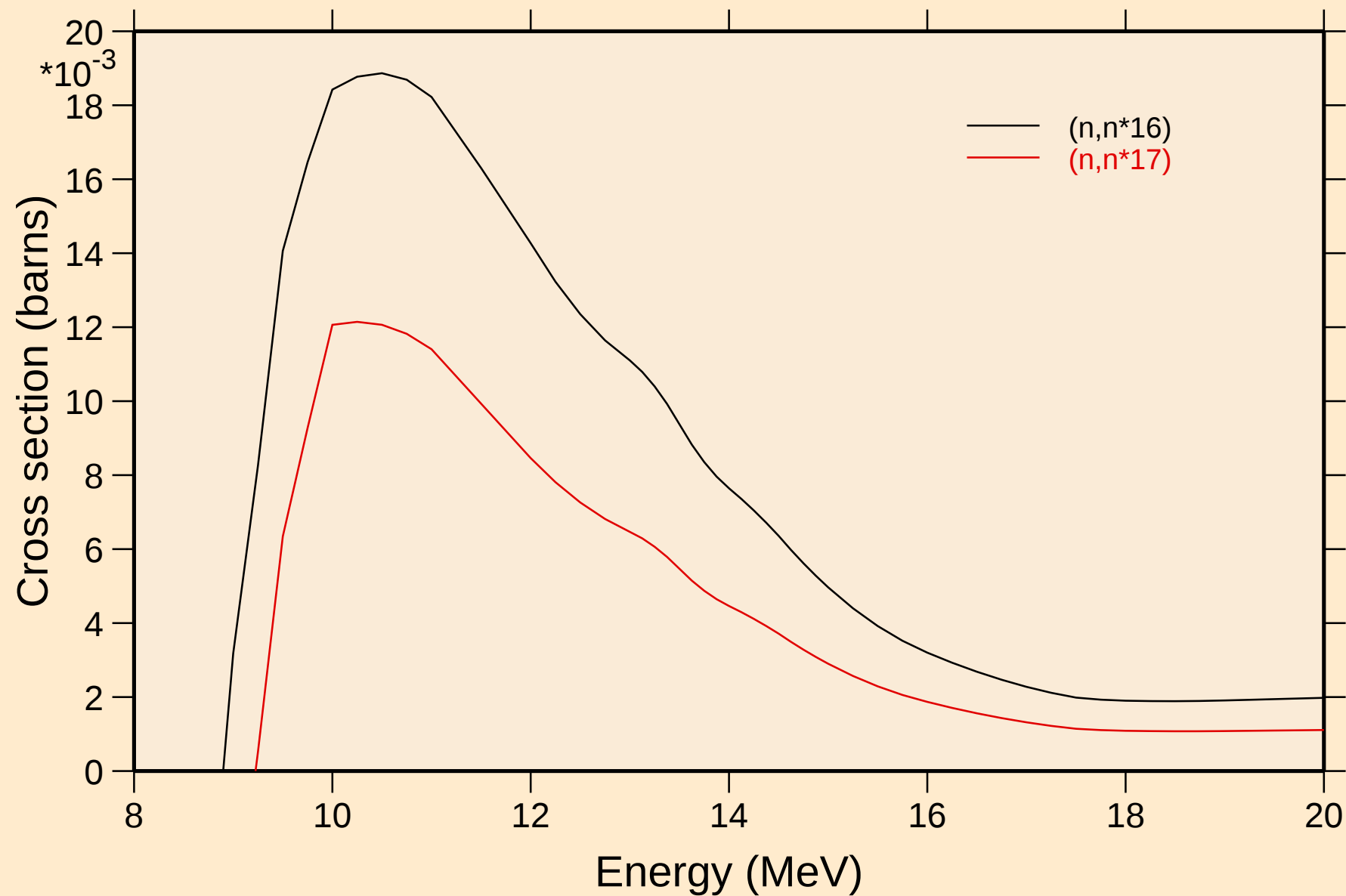
JEFF-3.1 SI-28

Inelastic levels



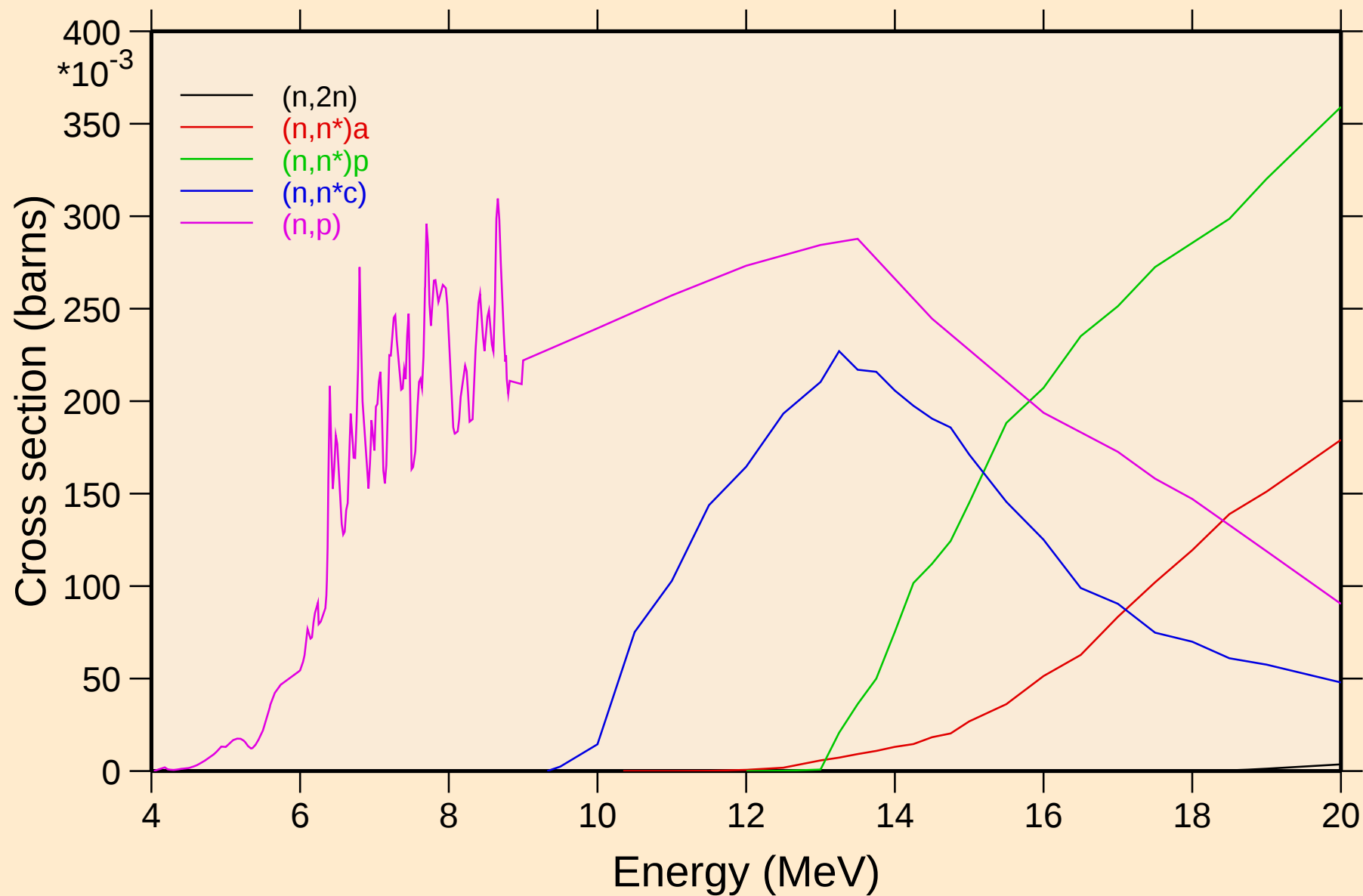
JEFF-3.1 SI-28

Inelastic levels



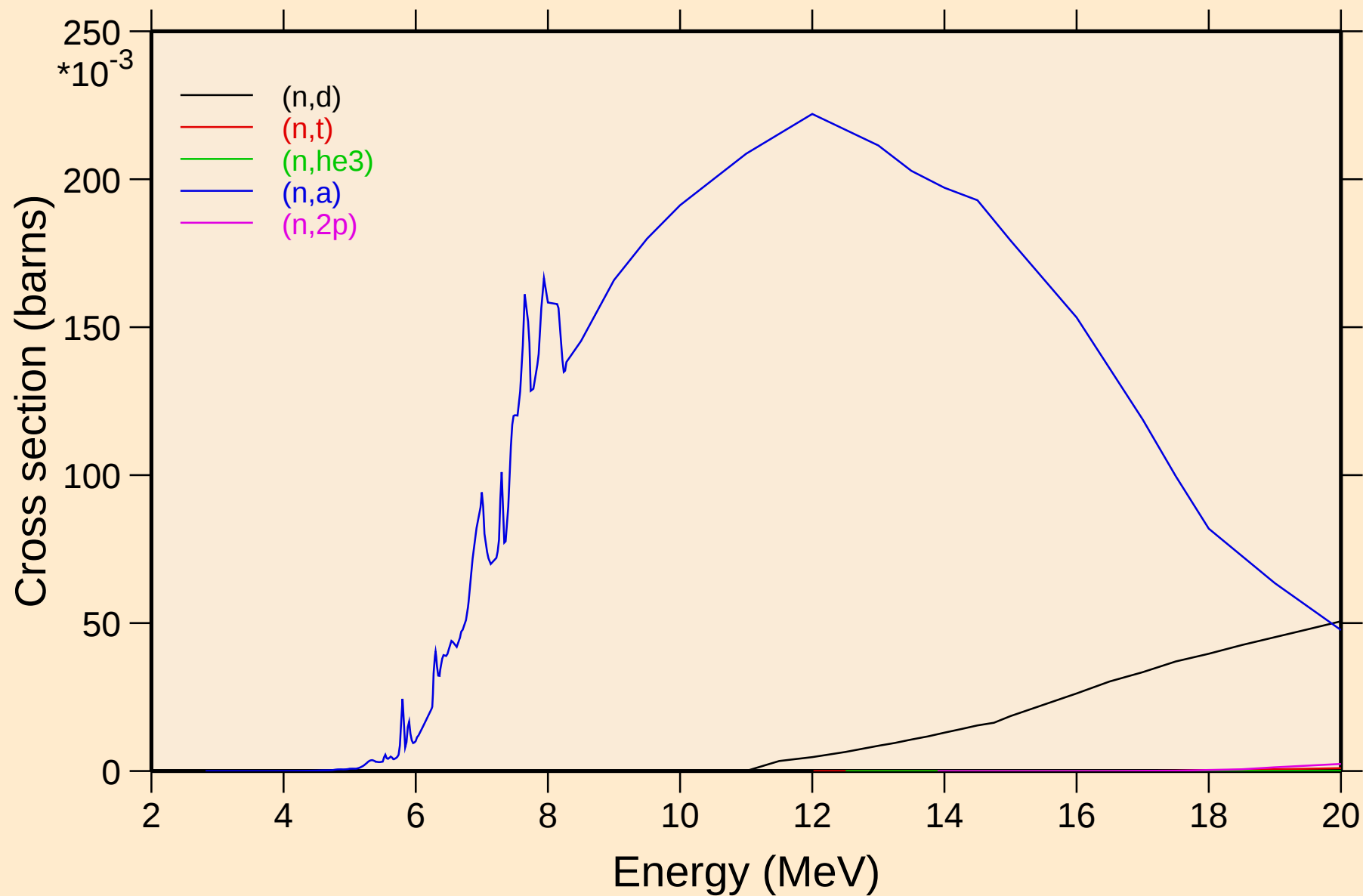
JEFF-3.1 SI-28

Threshold reactions



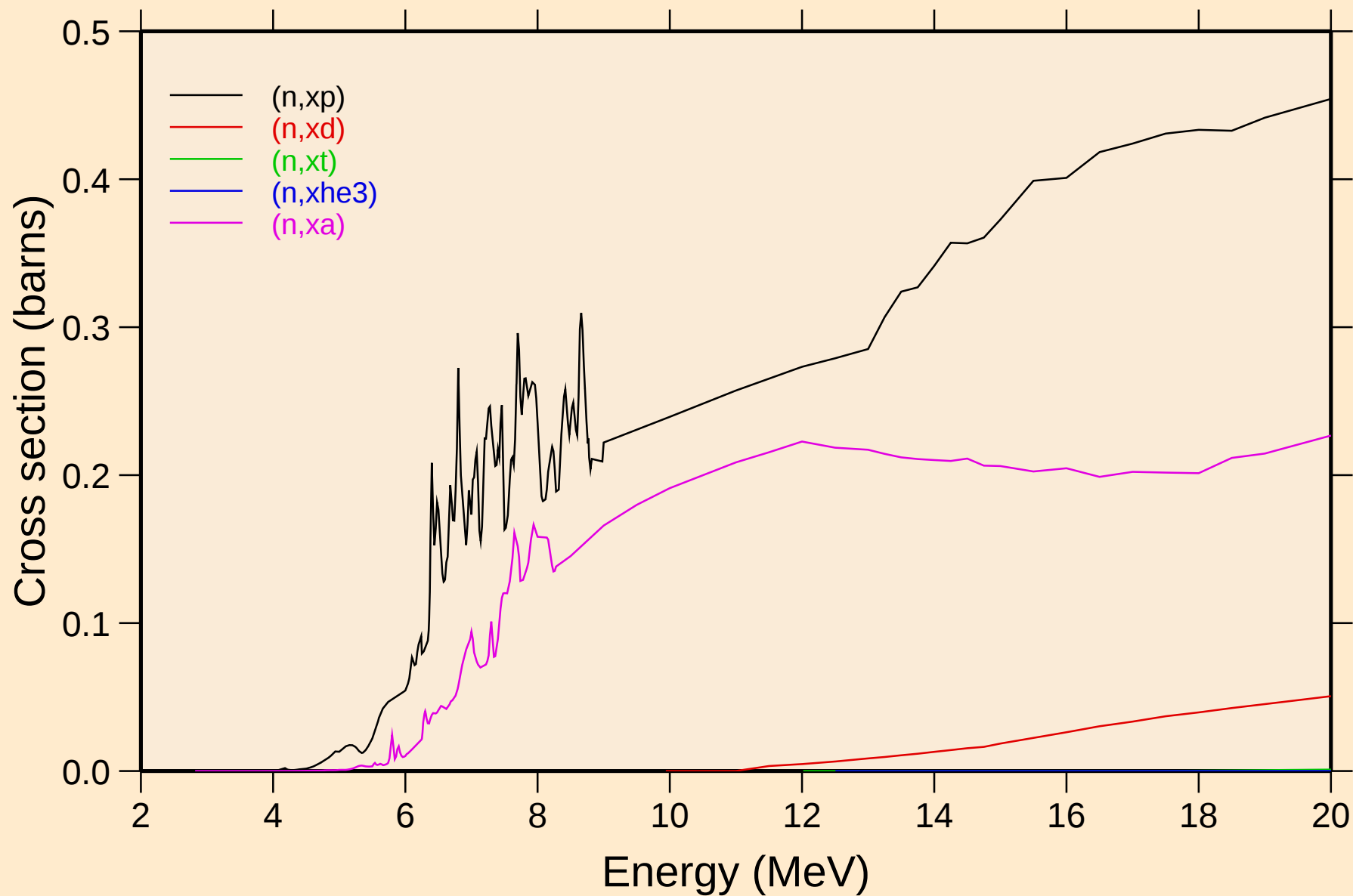
JEFF-3.1 SI-28

Threshold reactions



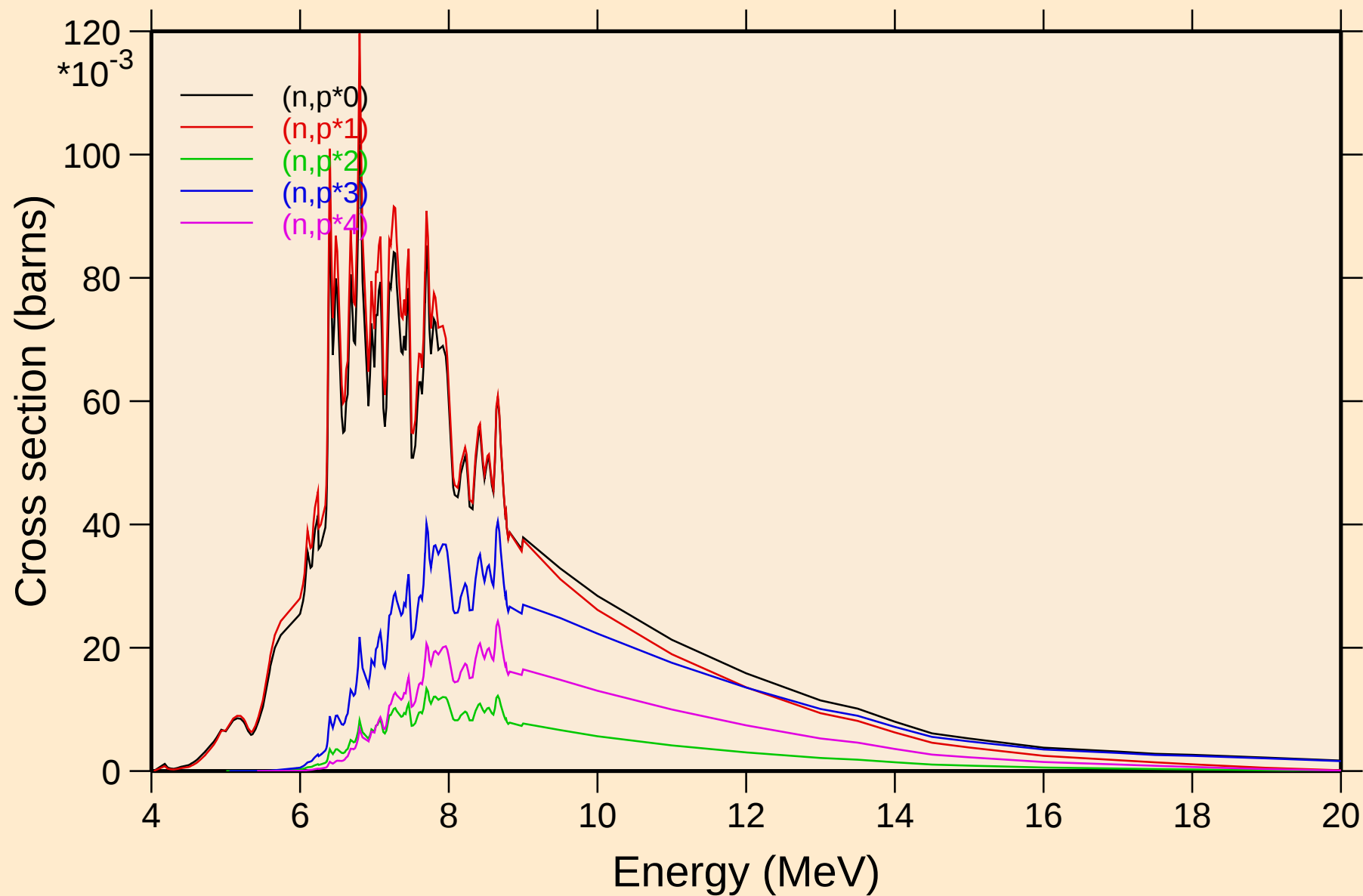
JEFF-3.1 SI-28

Threshold reactions



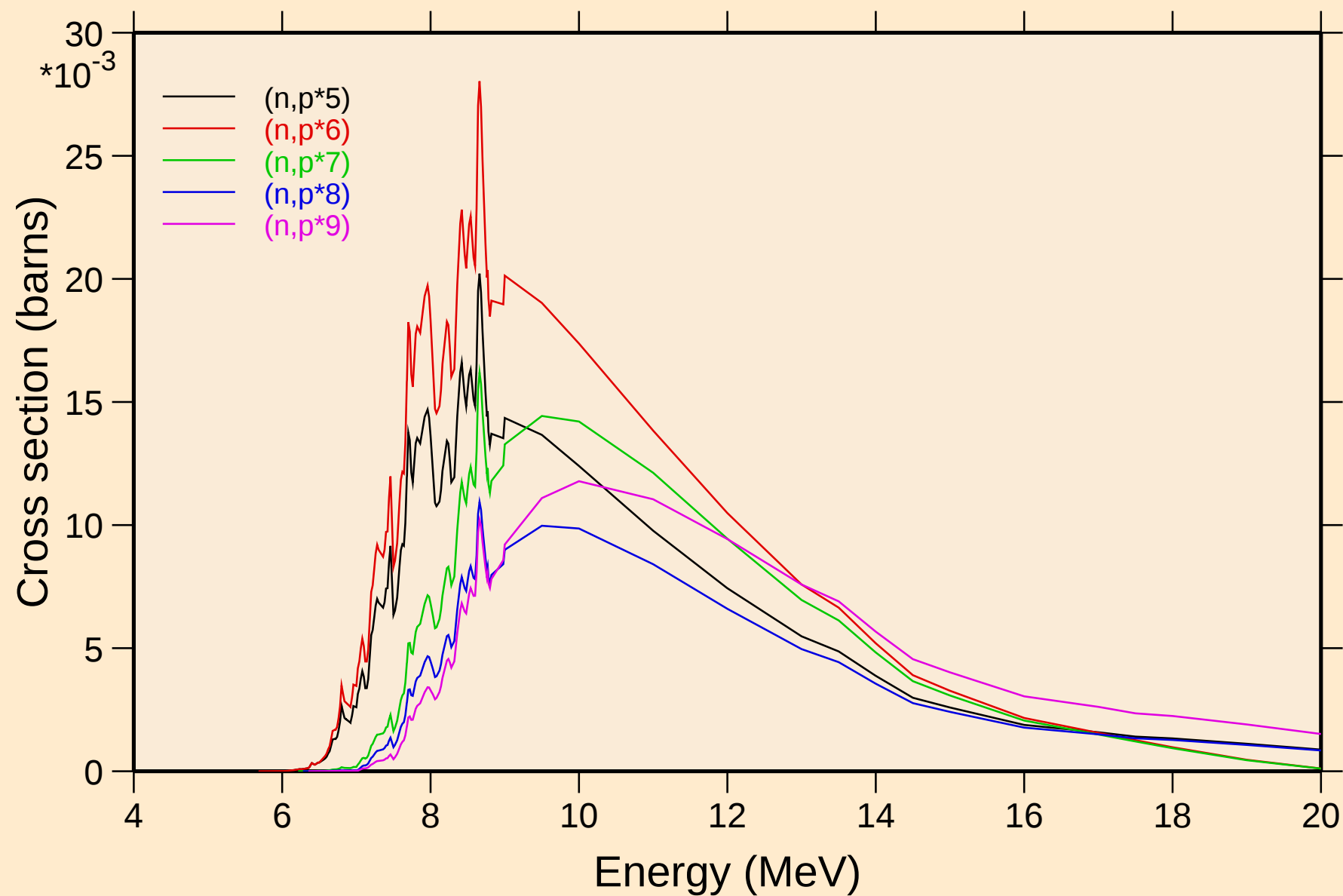
JEFF-3.1 SI-28

Threshold reactions



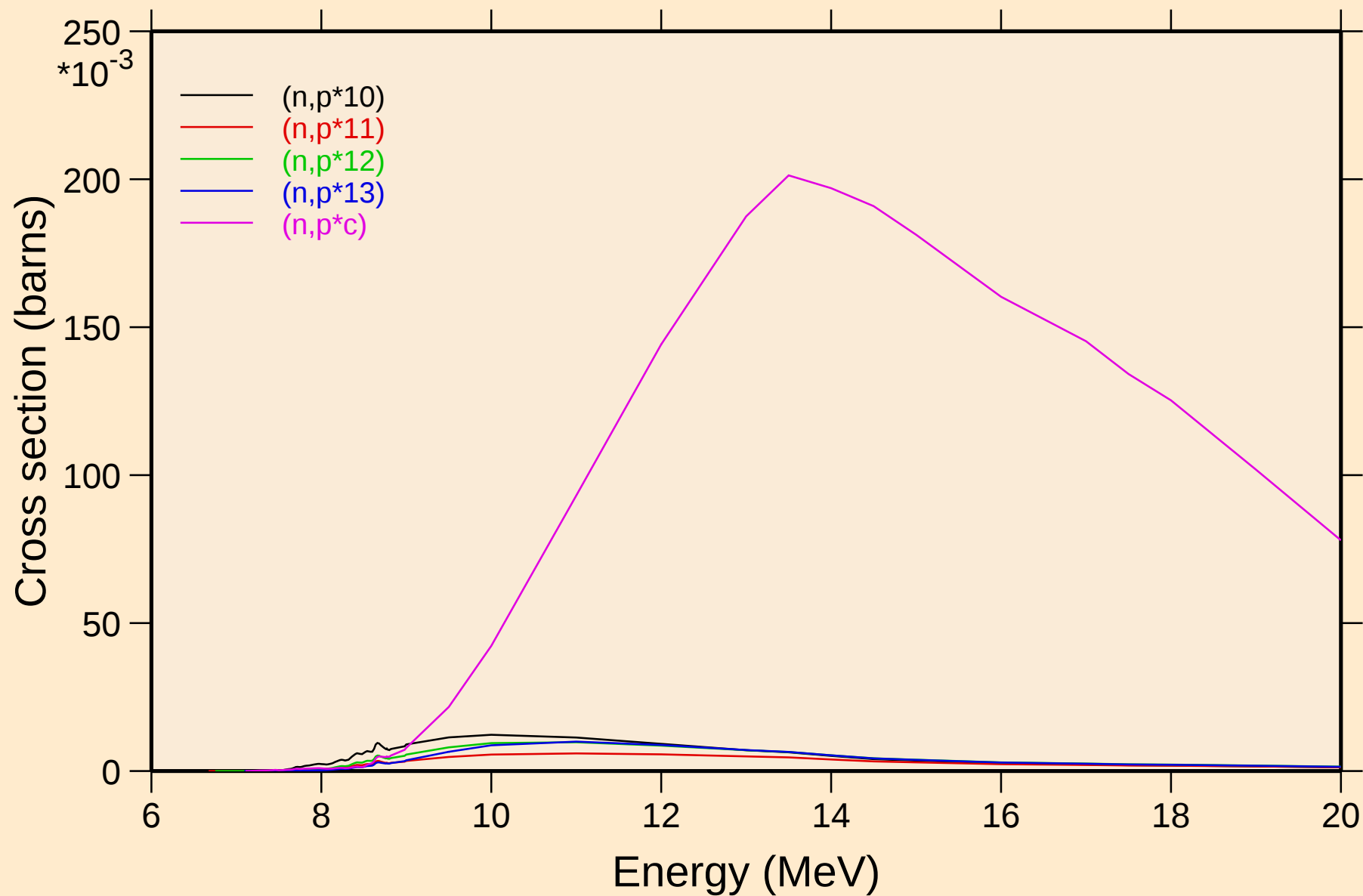
JEFF-3.1 SI-28

Threshold reactions



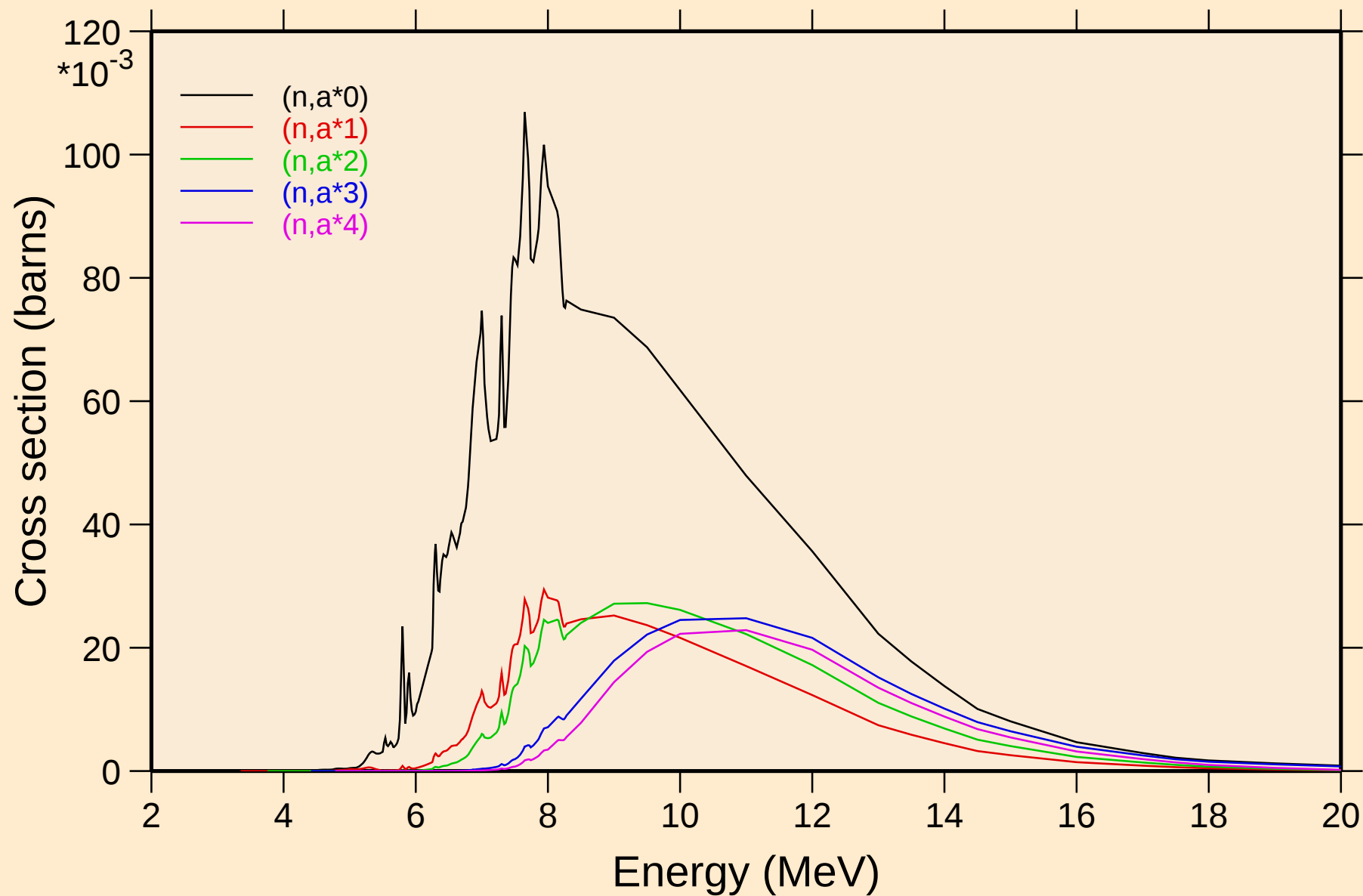
JEFF-3.1 SI-28

Threshold reactions



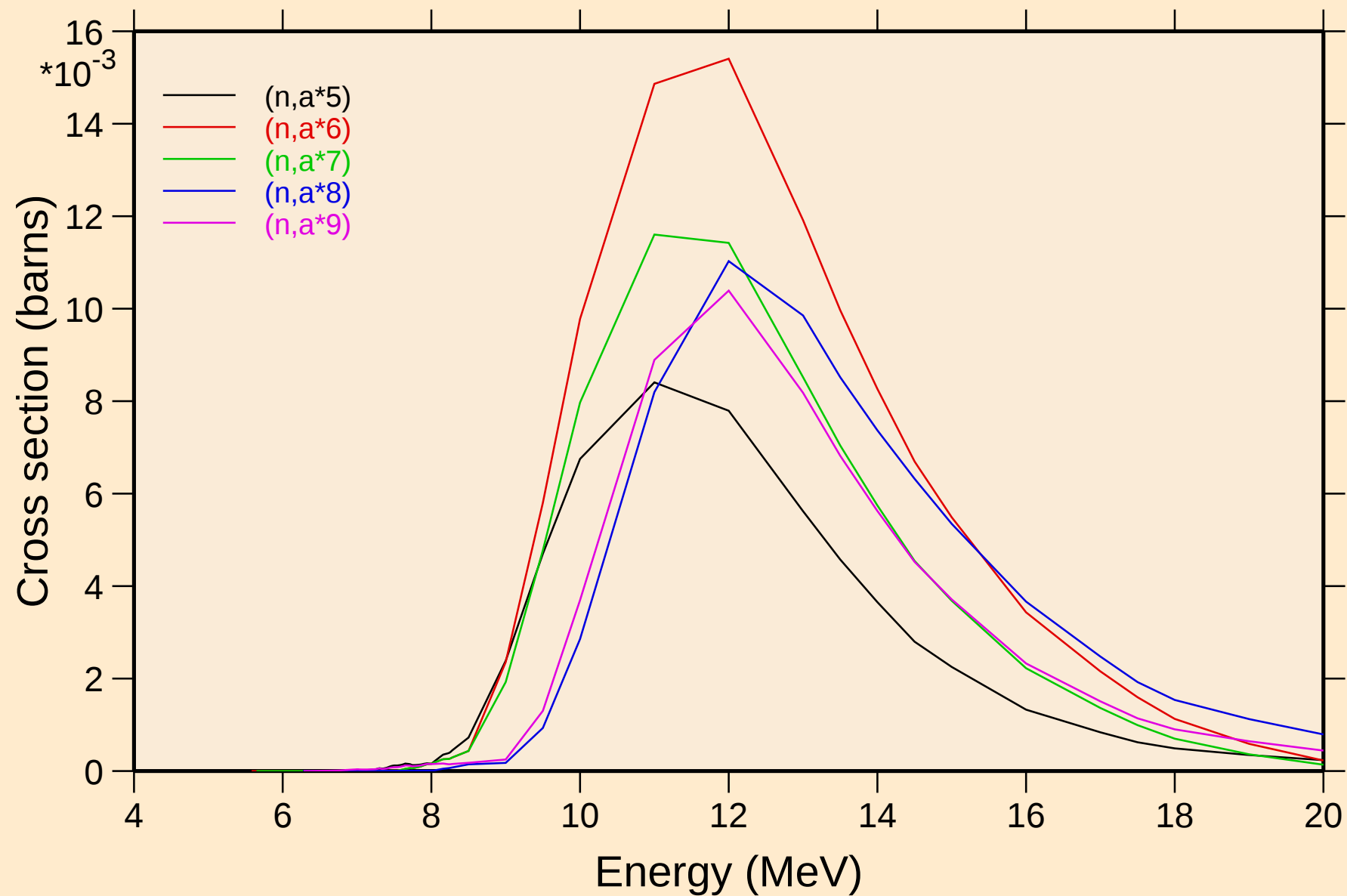
JEFF-3.1 SI-28

Threshold reactions



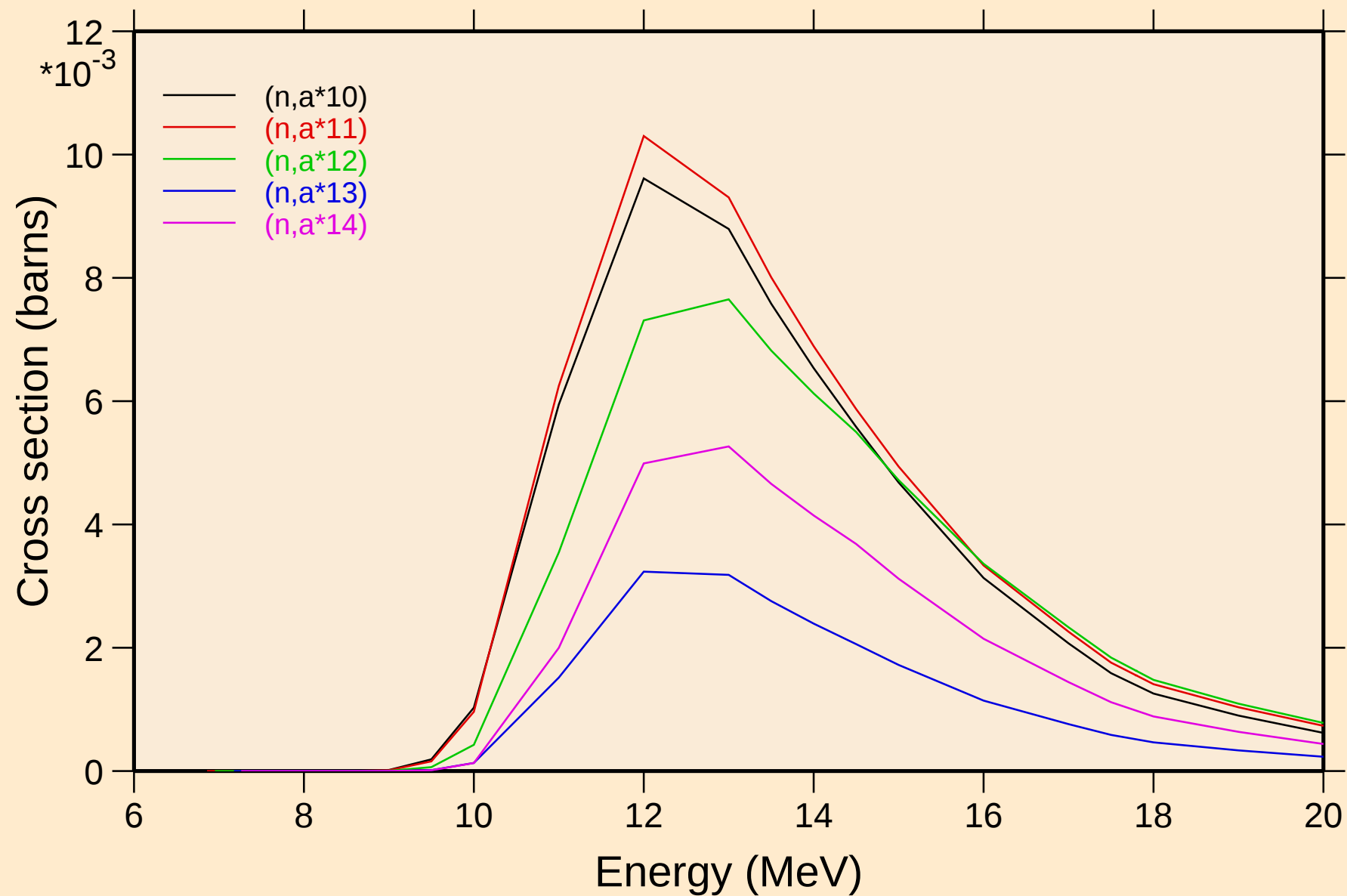
JEFF-3.1 SI-28

Threshold reactions



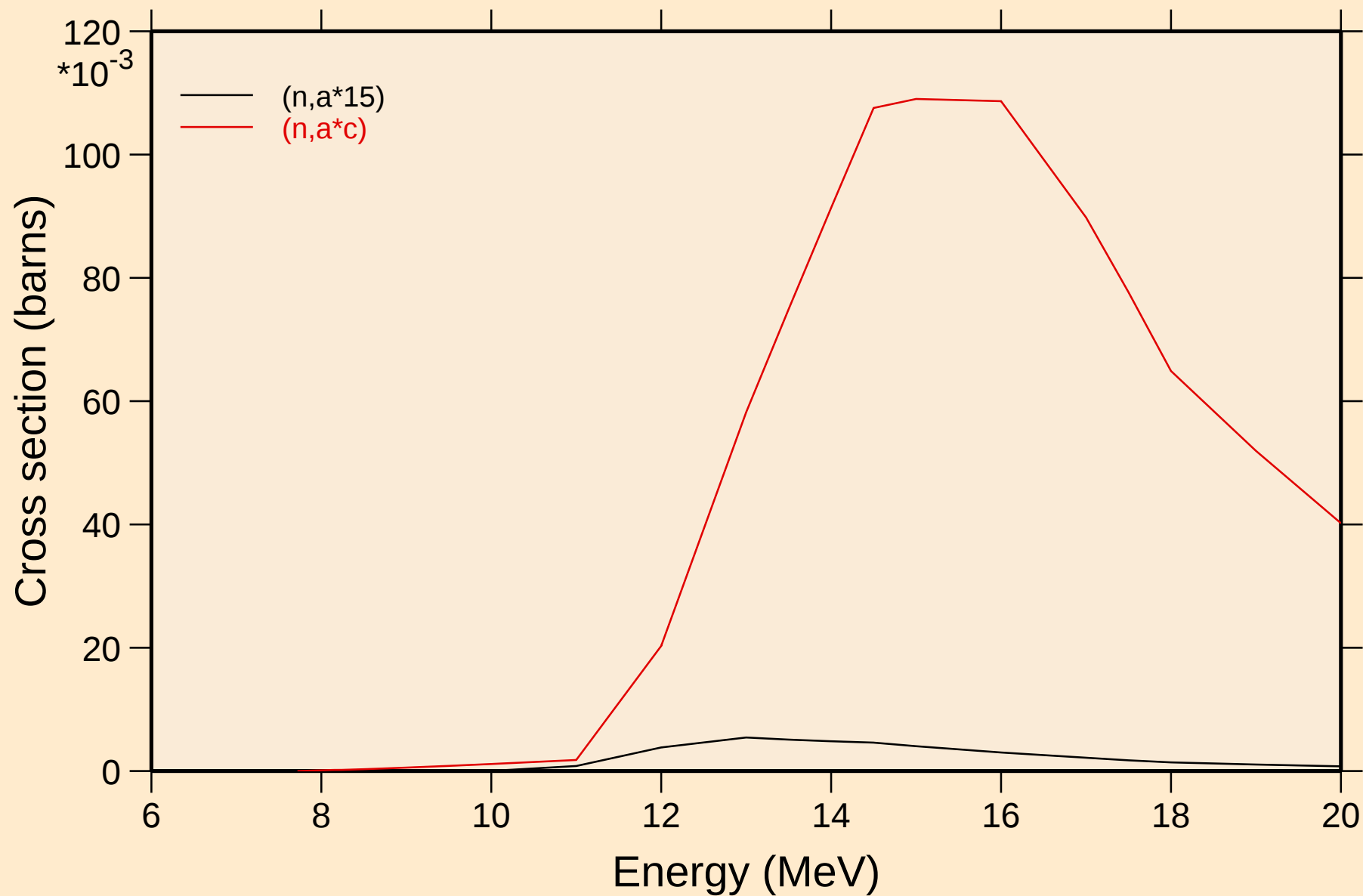
JEFF-3.1 SI-28

Threshold reactions

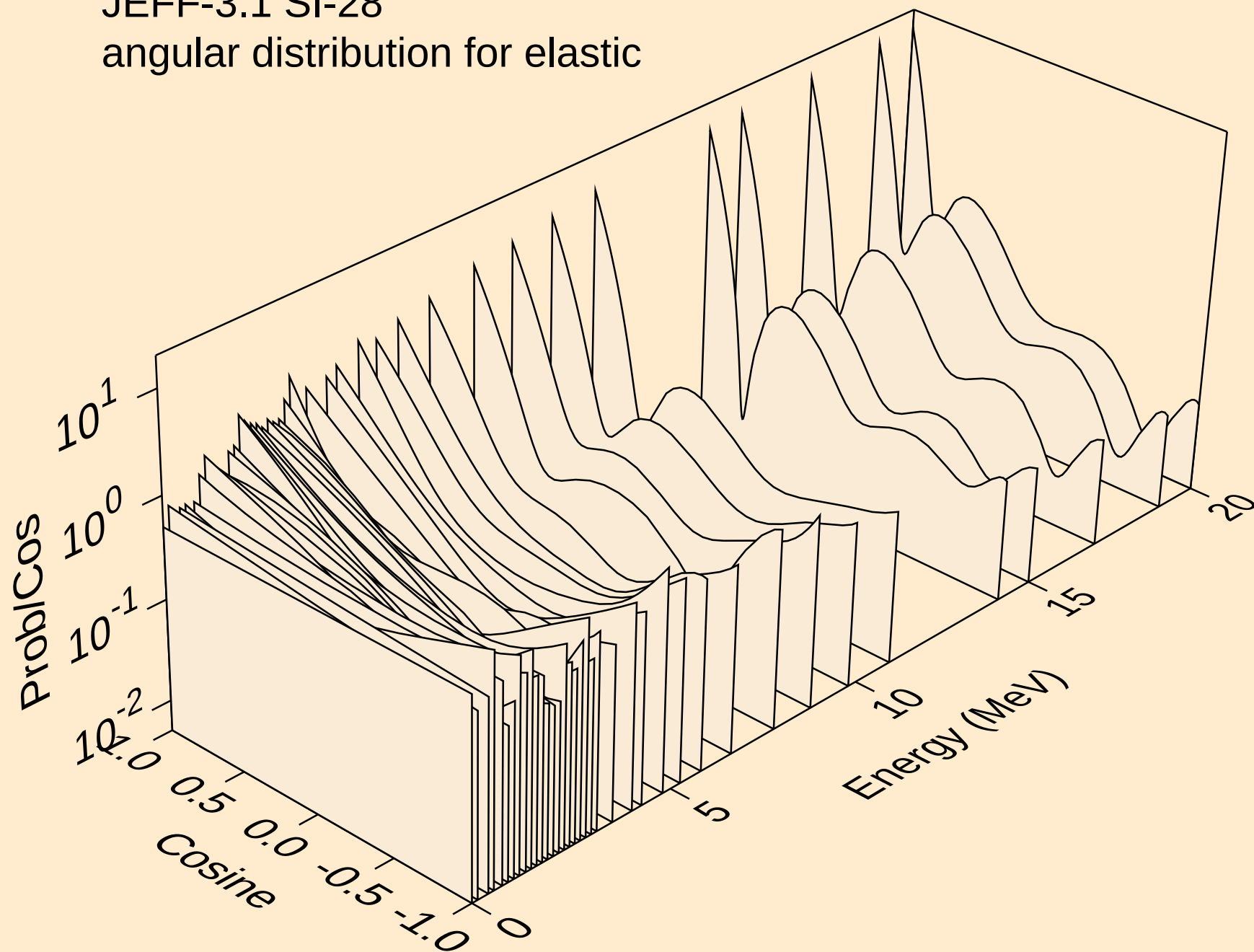


JEFF-3.1 SI-28

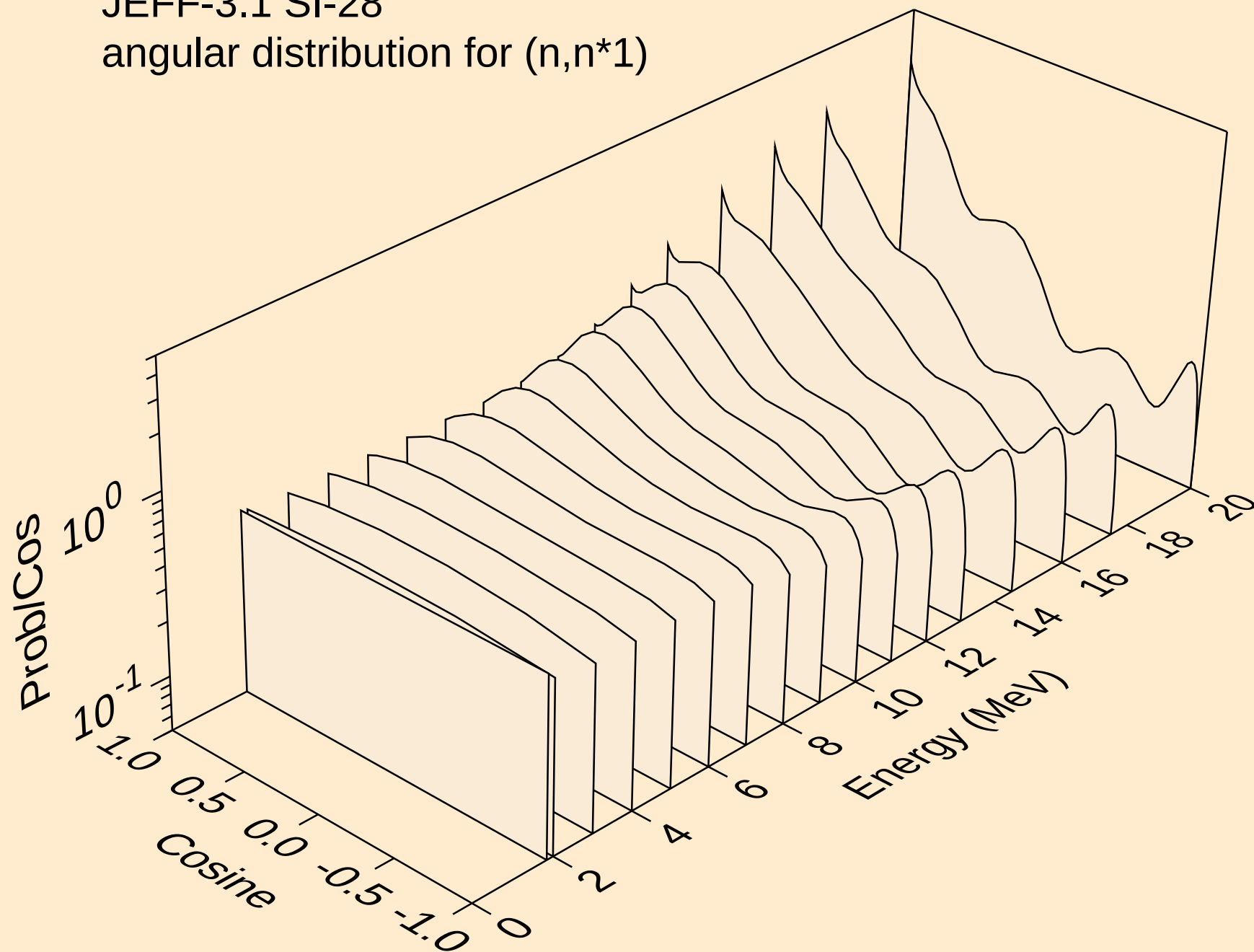
Threshold reactions



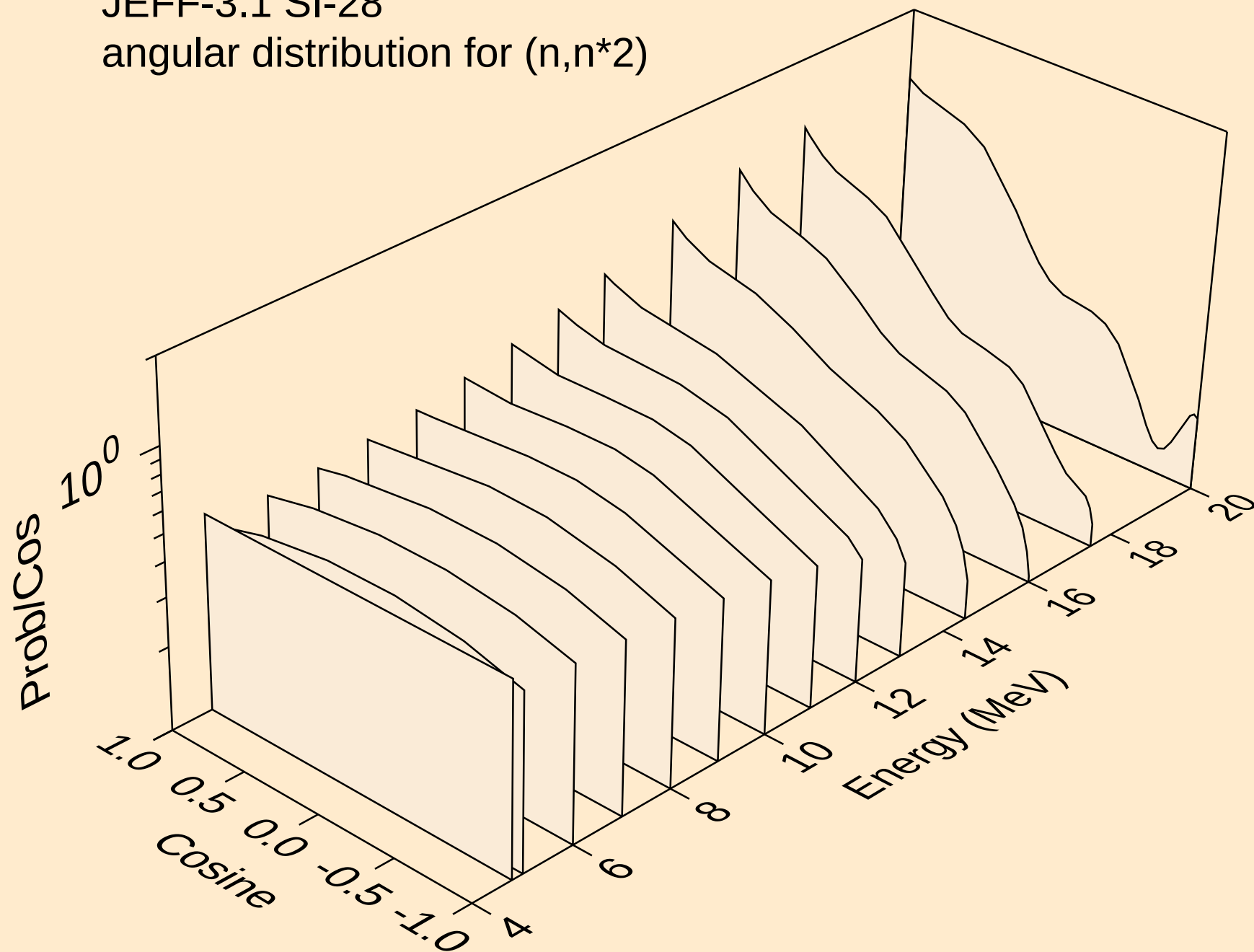
JEFF-3.1 SI-28
angular distribution for elastic



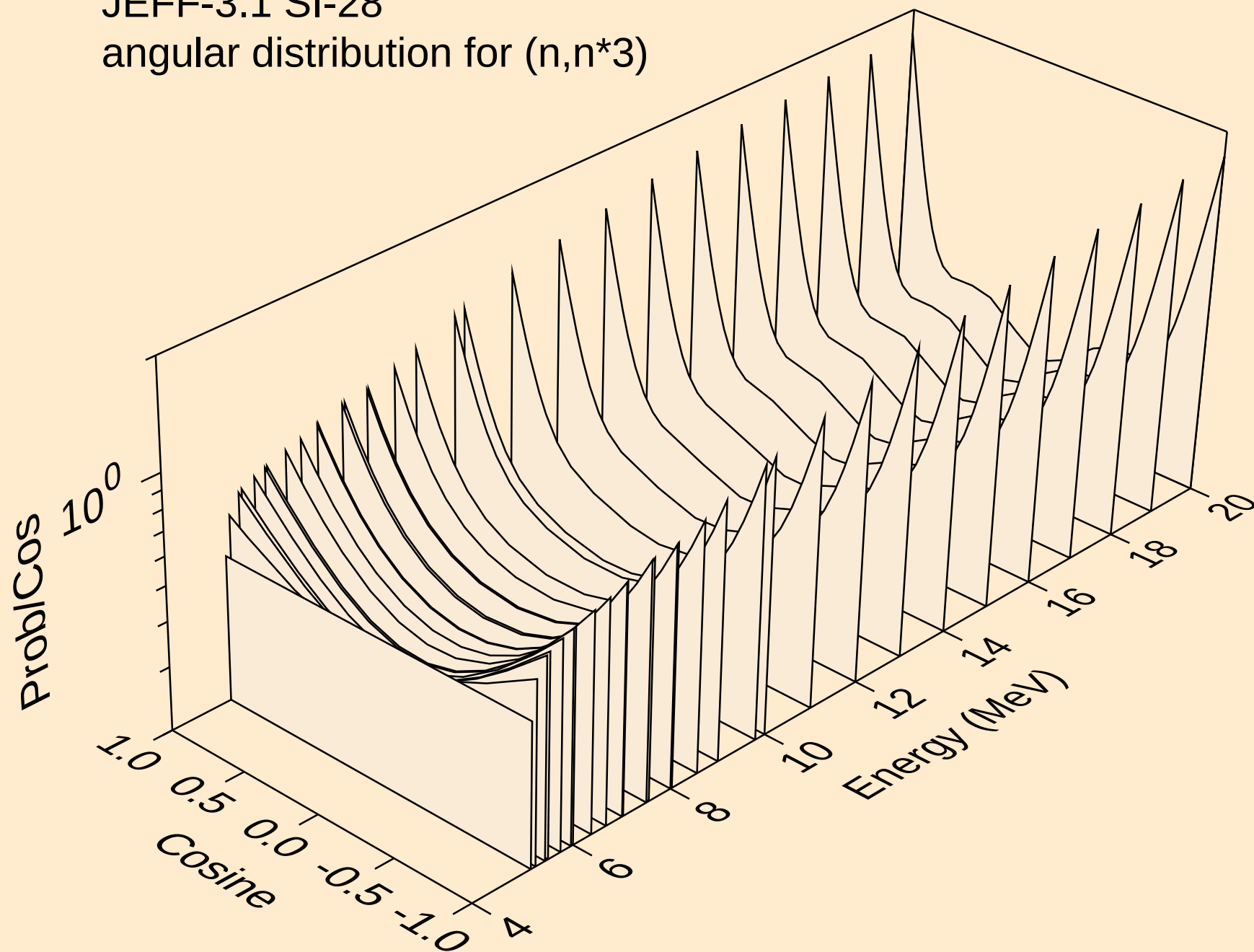
JEFF-3.1 SI-28
angular distribution for (n,n*1)



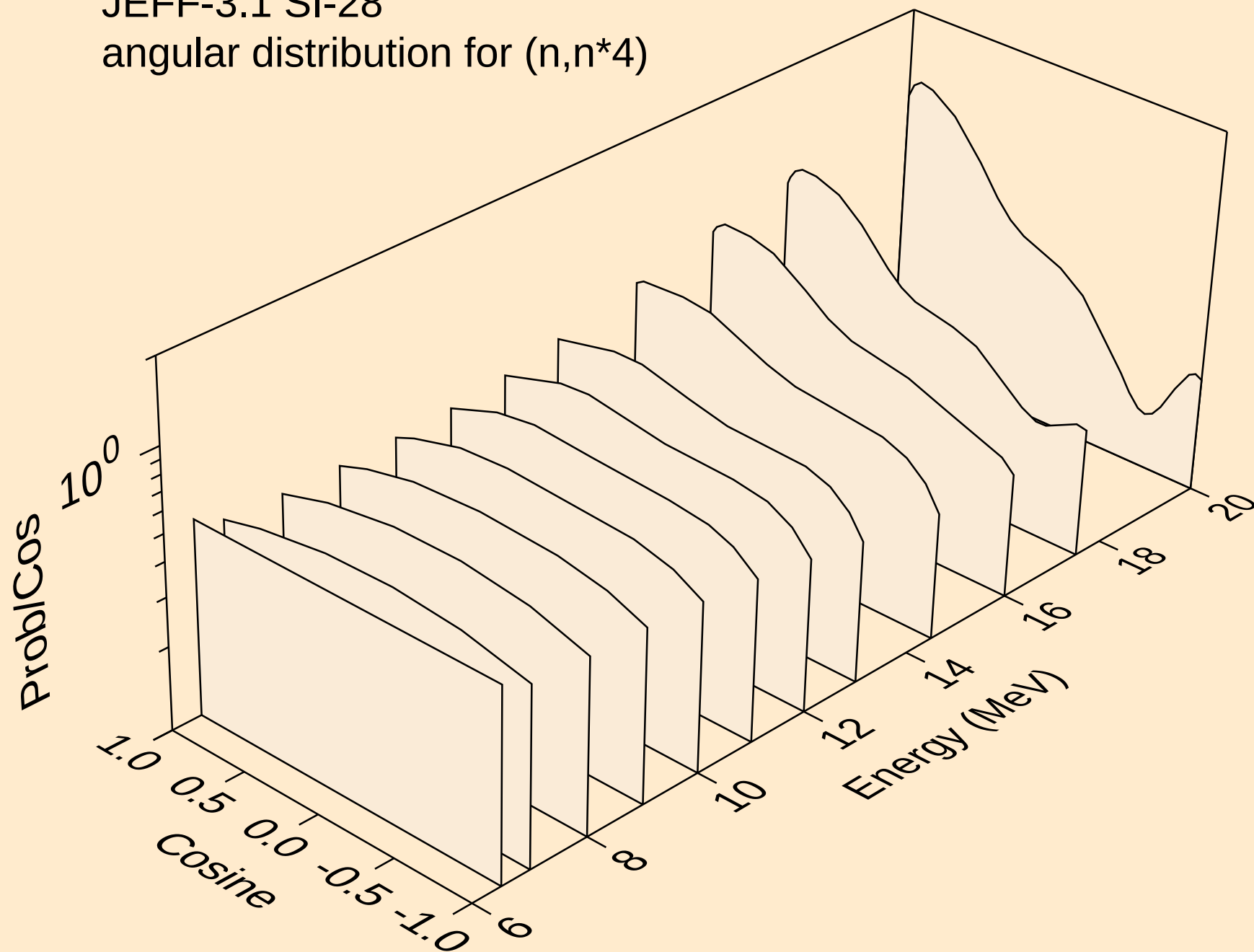
JEFF-3.1 SI-28
angular distribution for (n,n*2)



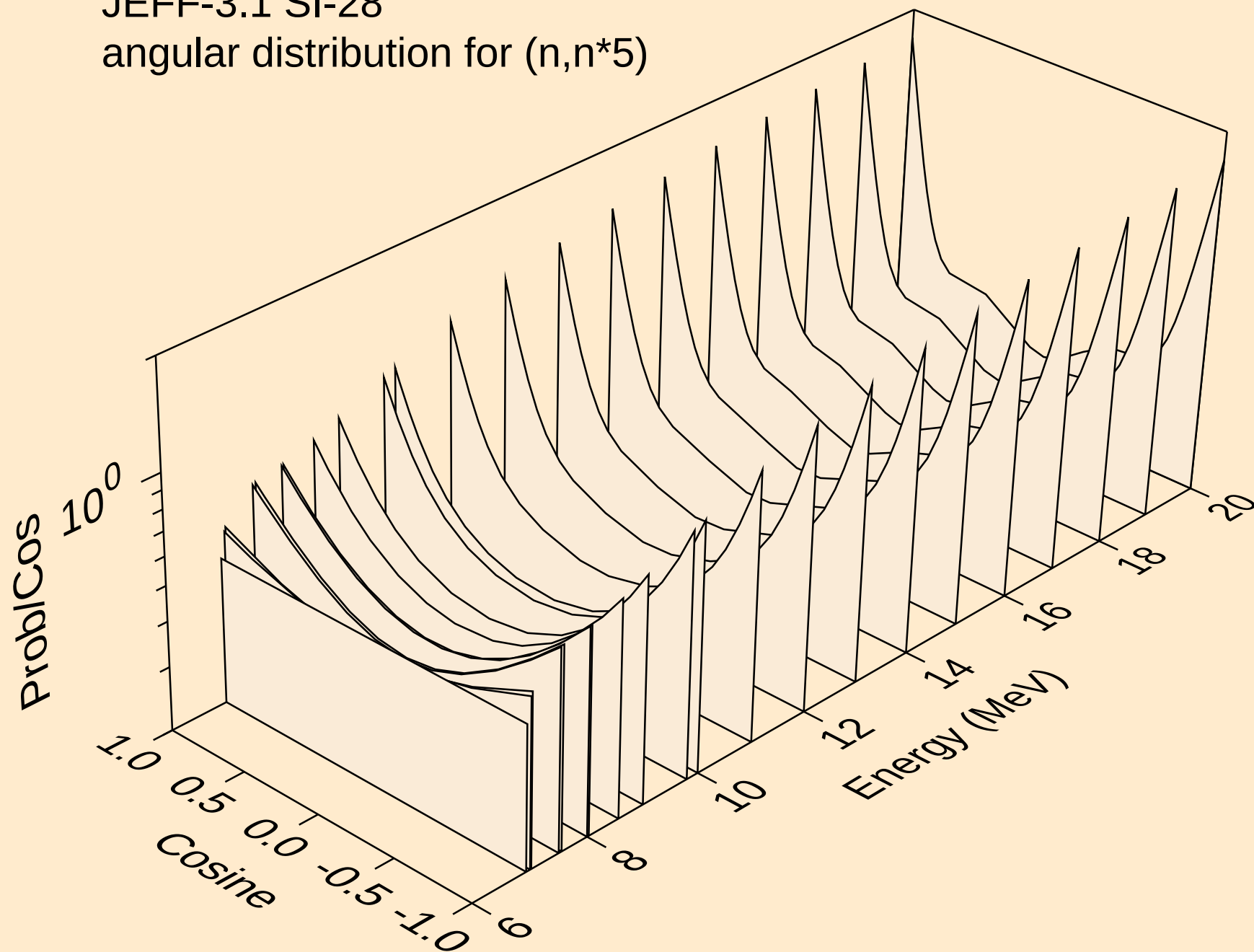
JEFF-3.1 SI-28
angular distribution for (n,n*3)



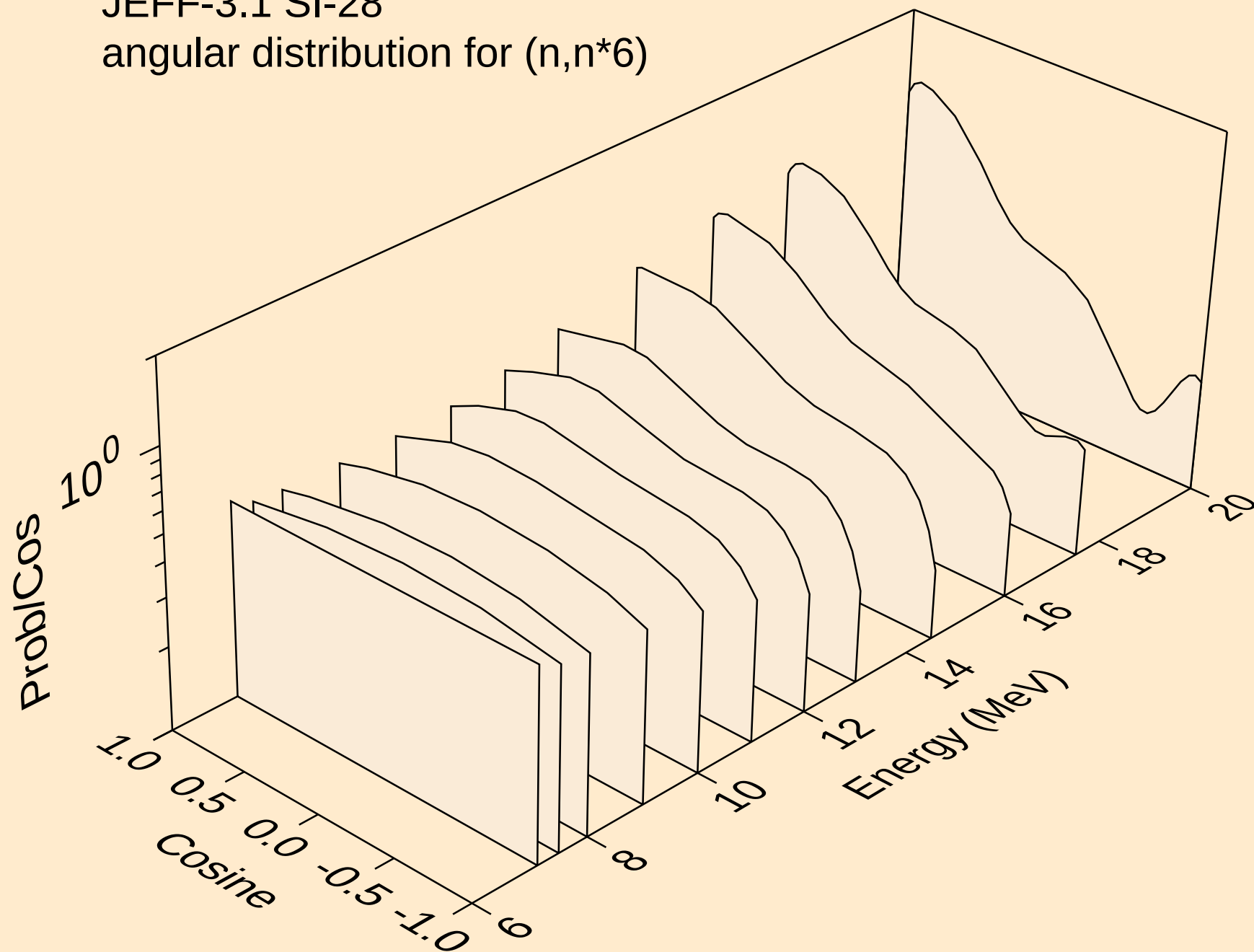
JEFF-3.1 SI-28
angular distribution for (n,n*4)



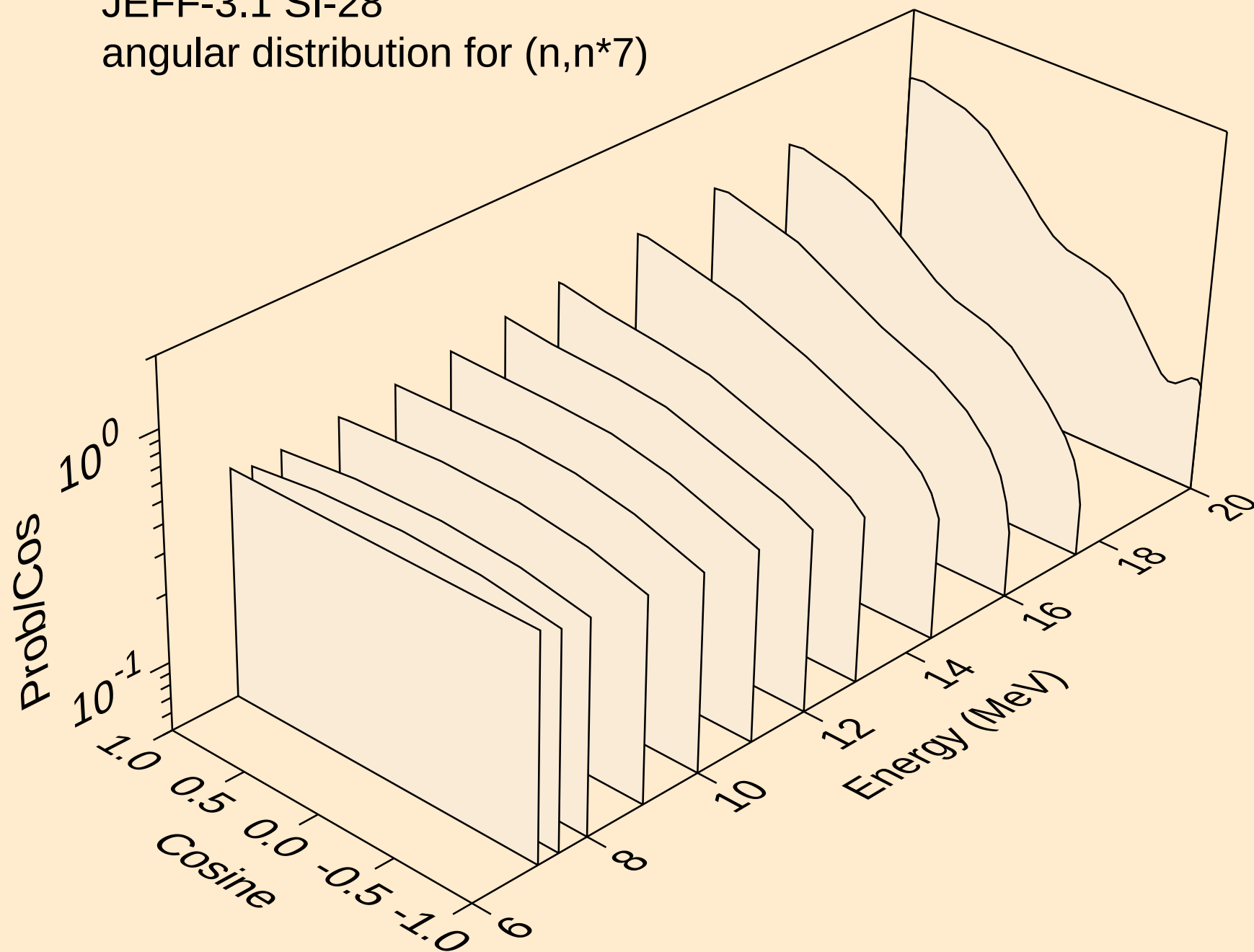
JEFF-3.1 SI-28
angular distribution for (n,n*5)



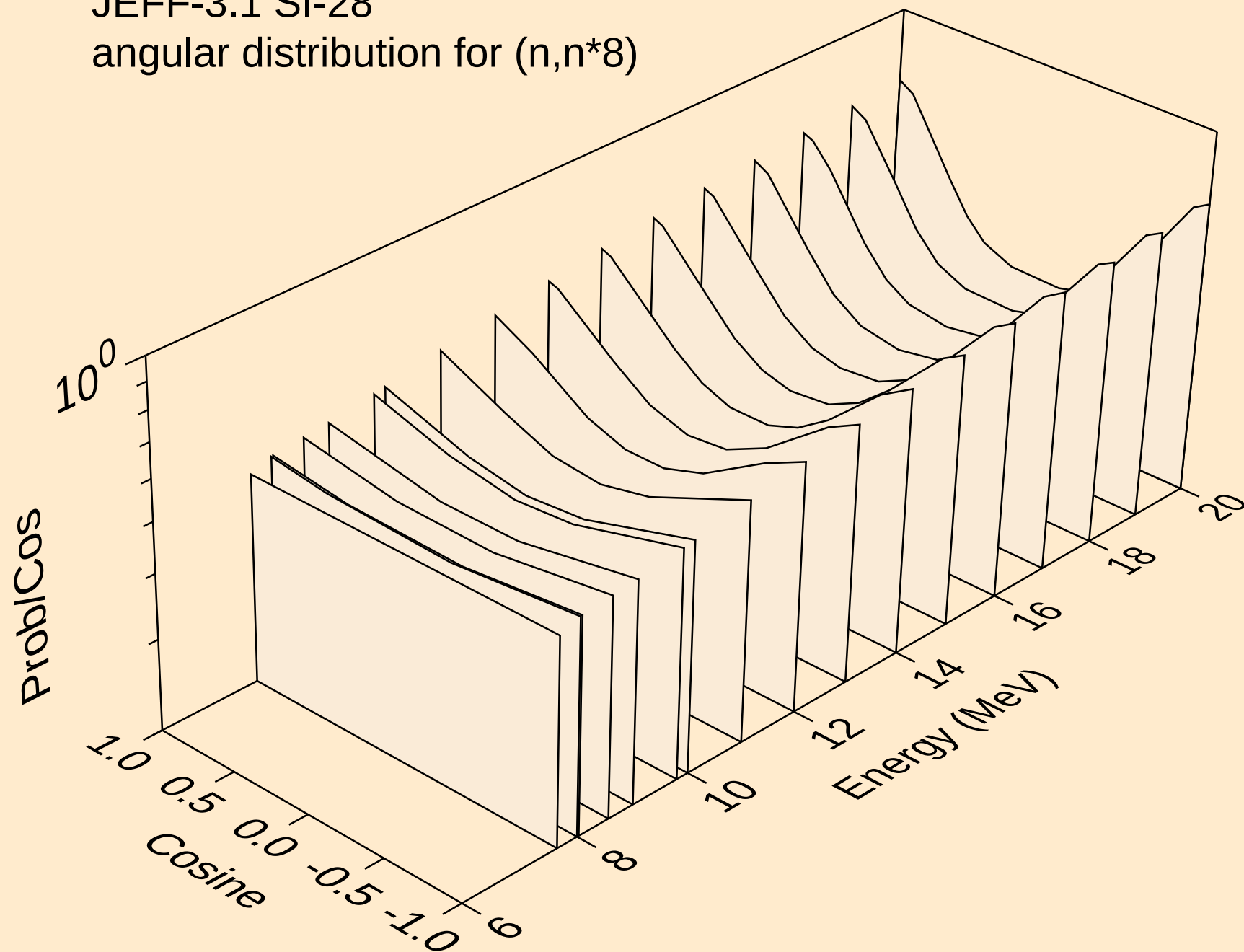
JEFF-3.1 SI-28
angular distribution for (n,n*6)



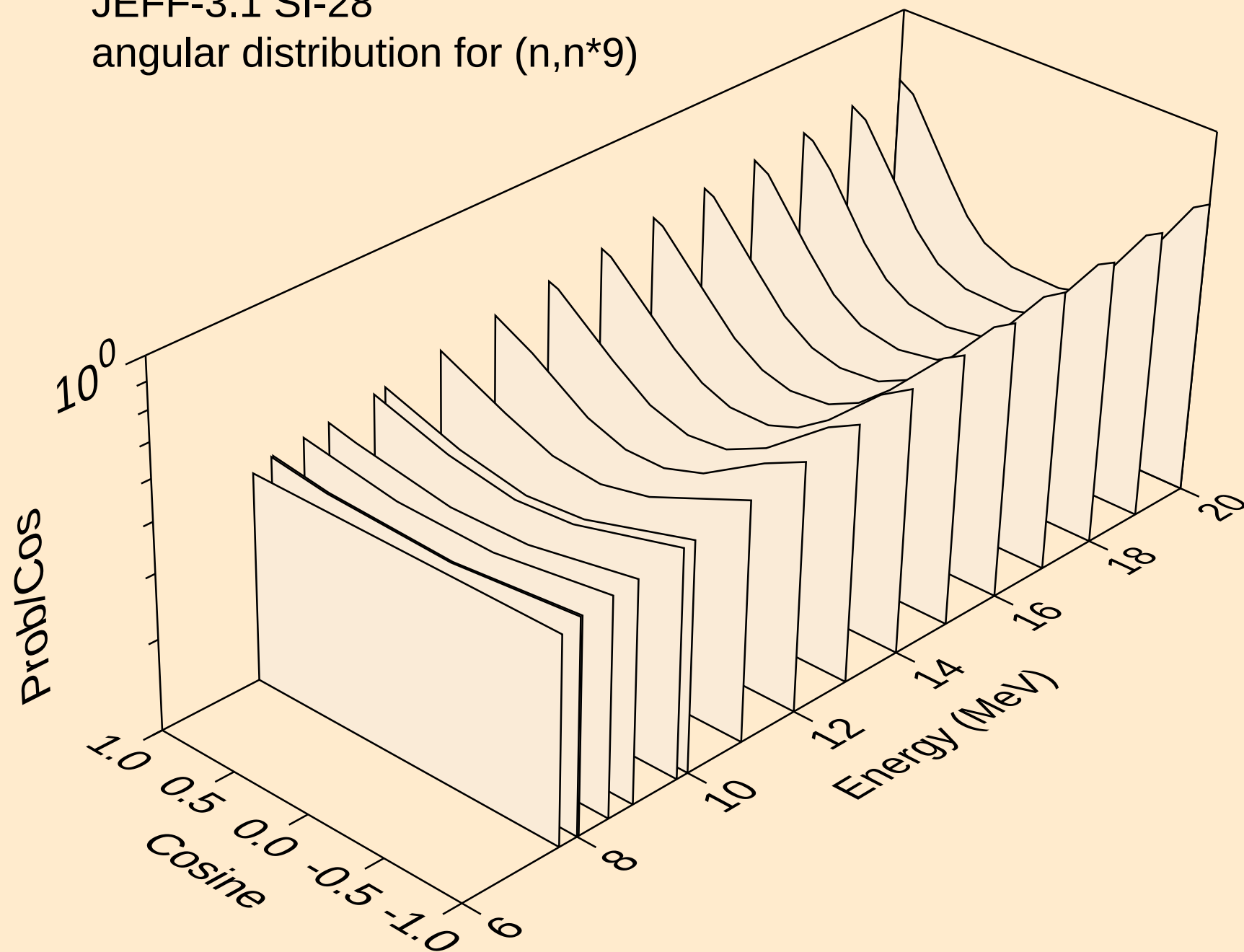
JEFF-3.1 SI-28
angular distribution for (n,n*7)



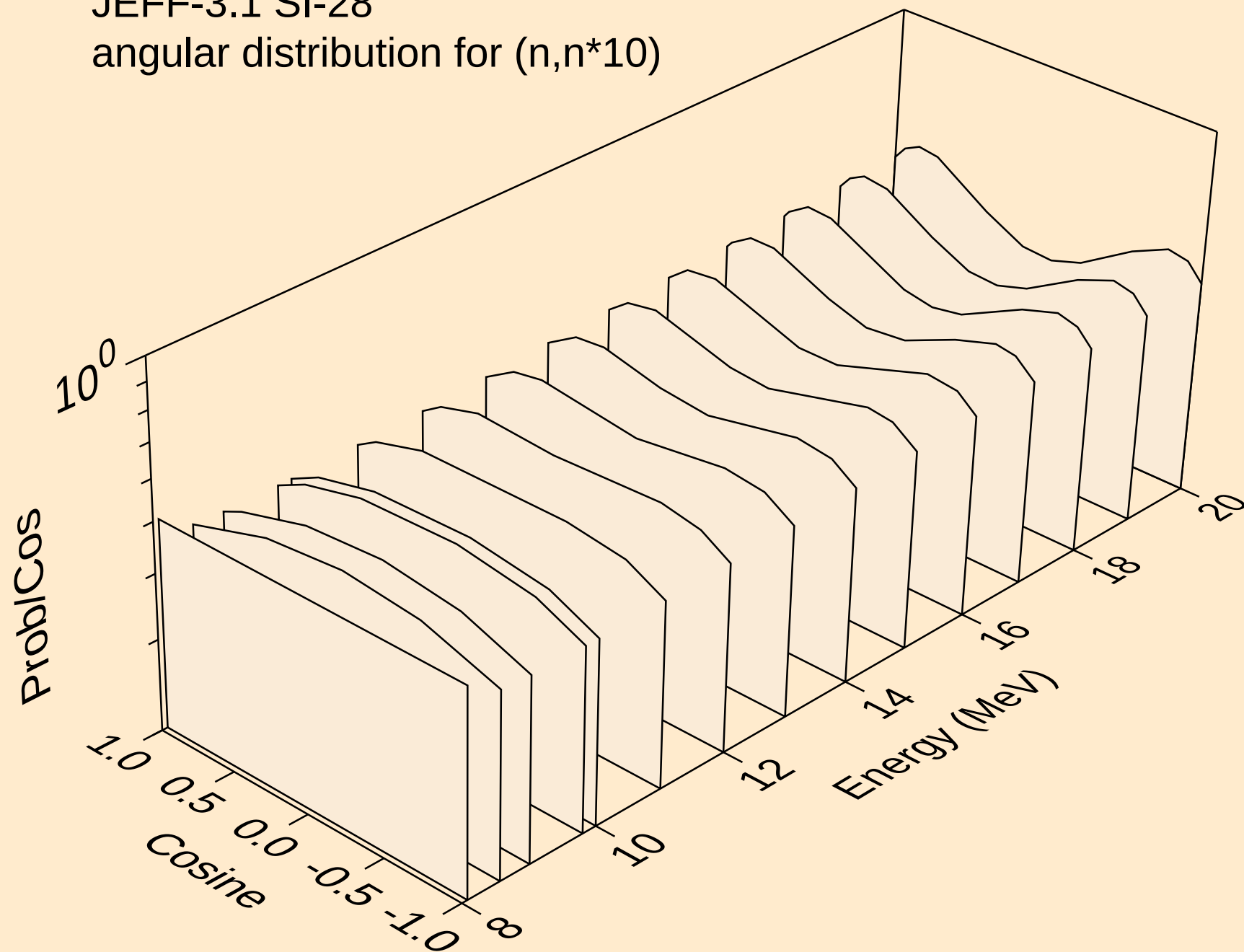
JEFF-3.1 SI-28
angular distribution for (n,n*8)



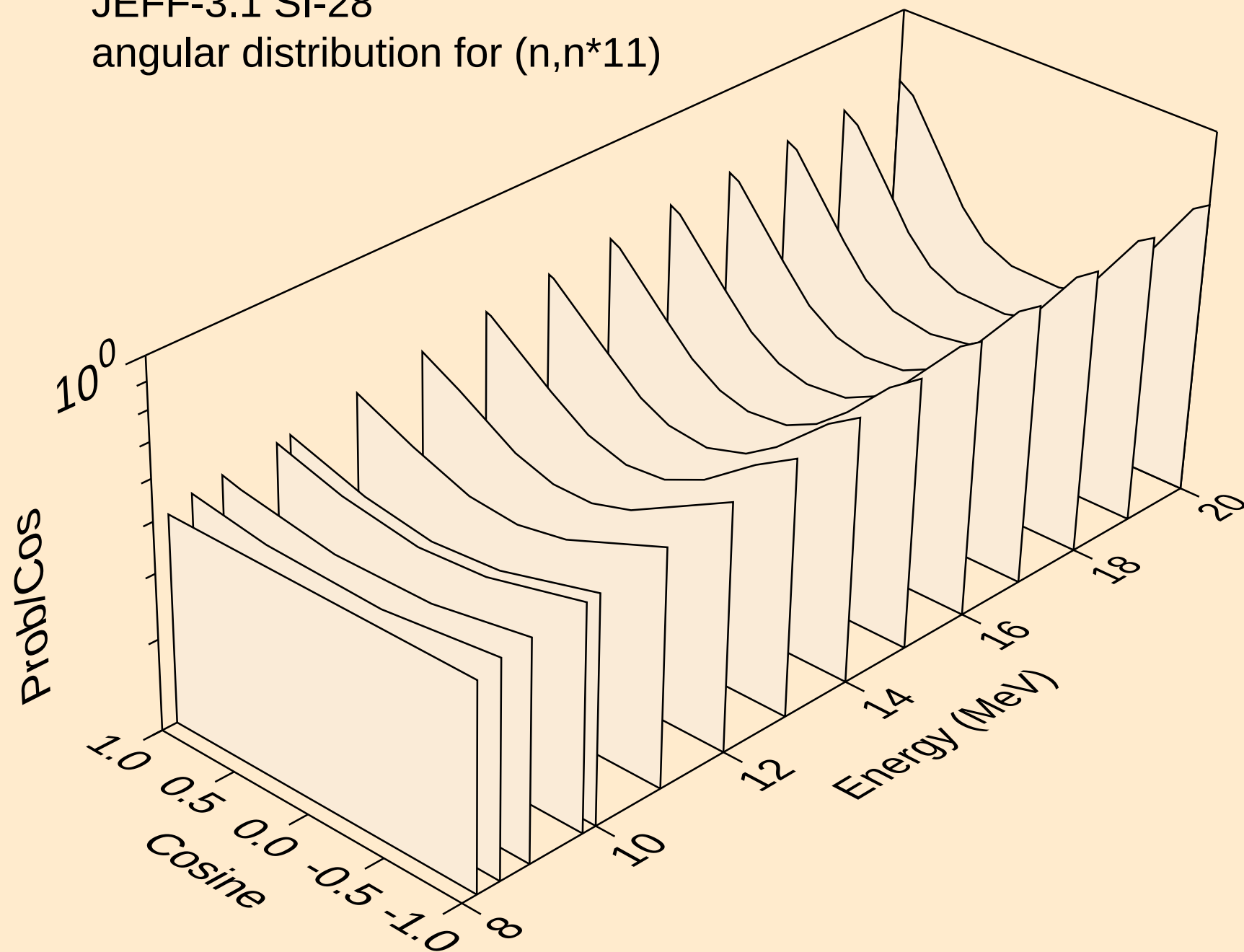
JEFF-3.1 SI-28
angular distribution for (n,n*9)



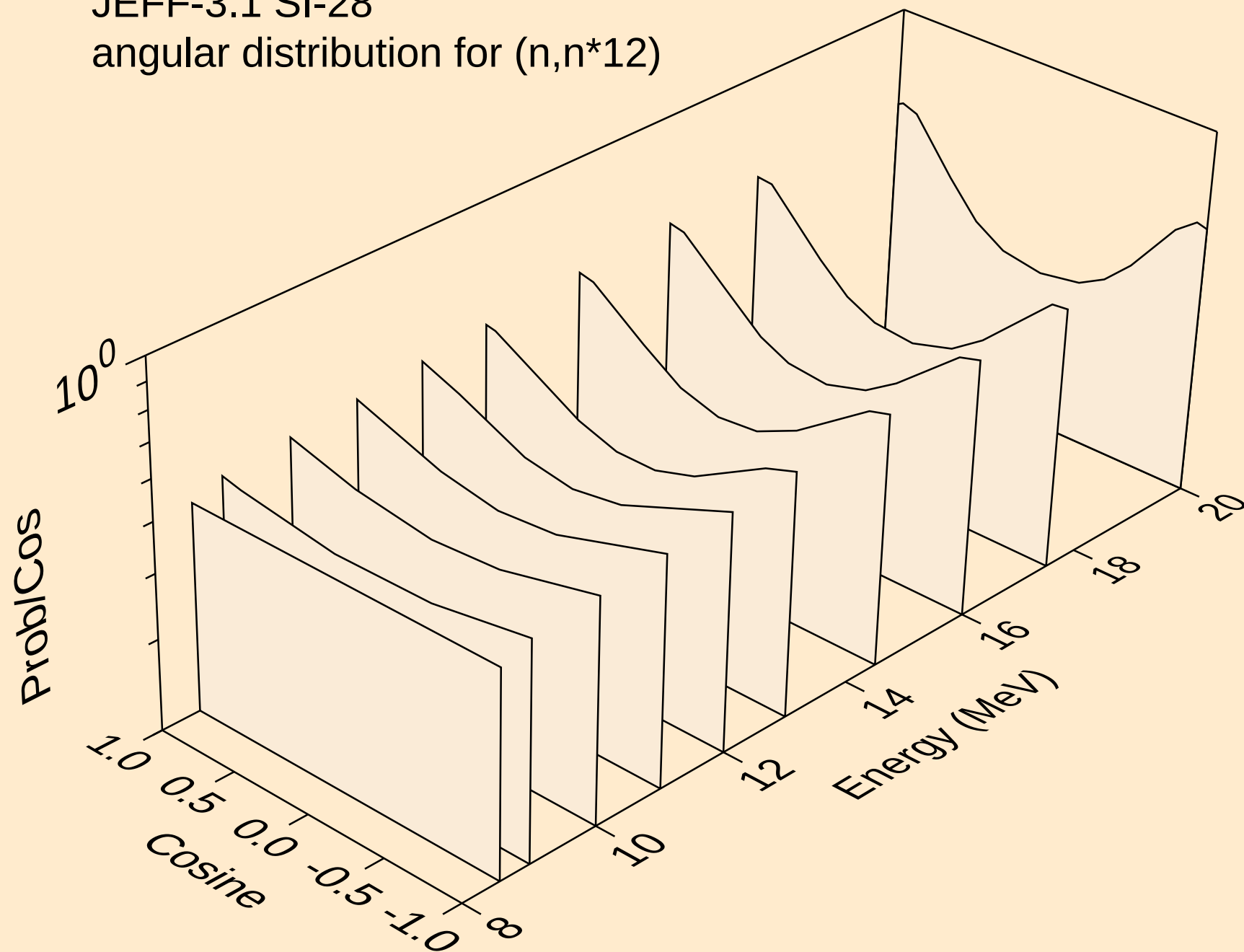
JEFF-3.1 SI-28
angular distribution for (n,n*10)



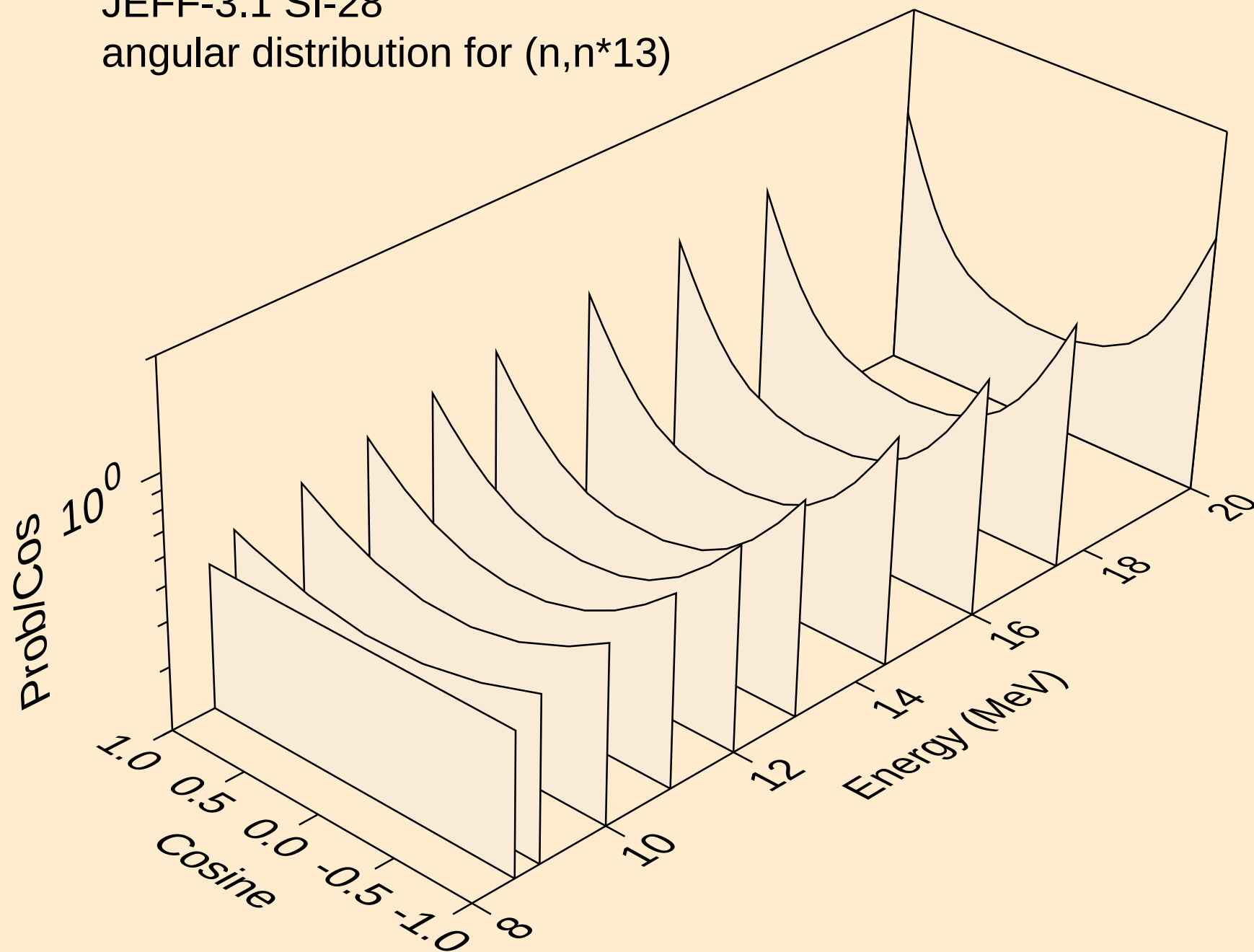
JEFF-3.1 SI-28
angular distribution for (n,n*11)



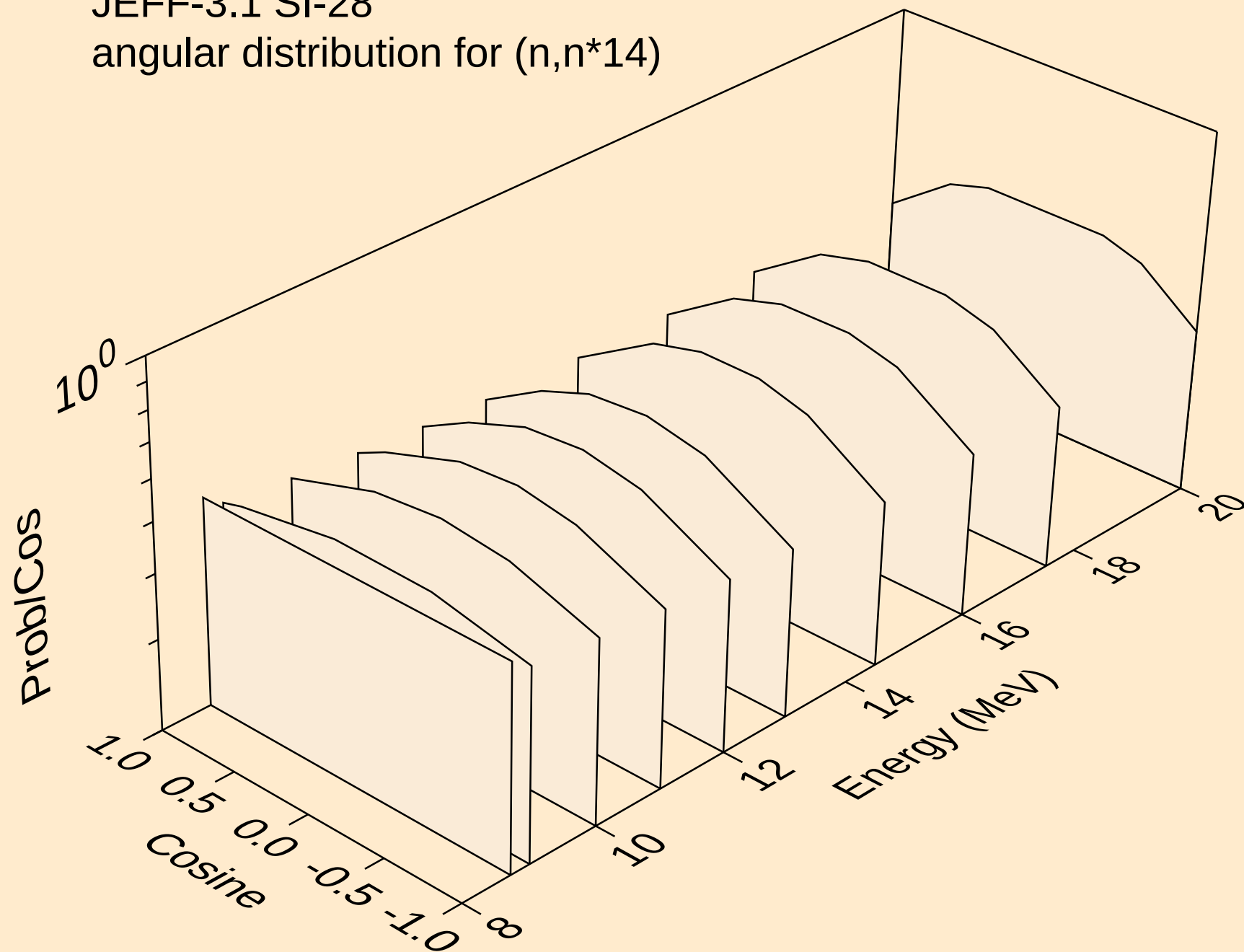
JEFF-3.1 SI-28
angular distribution for (n,n*12)



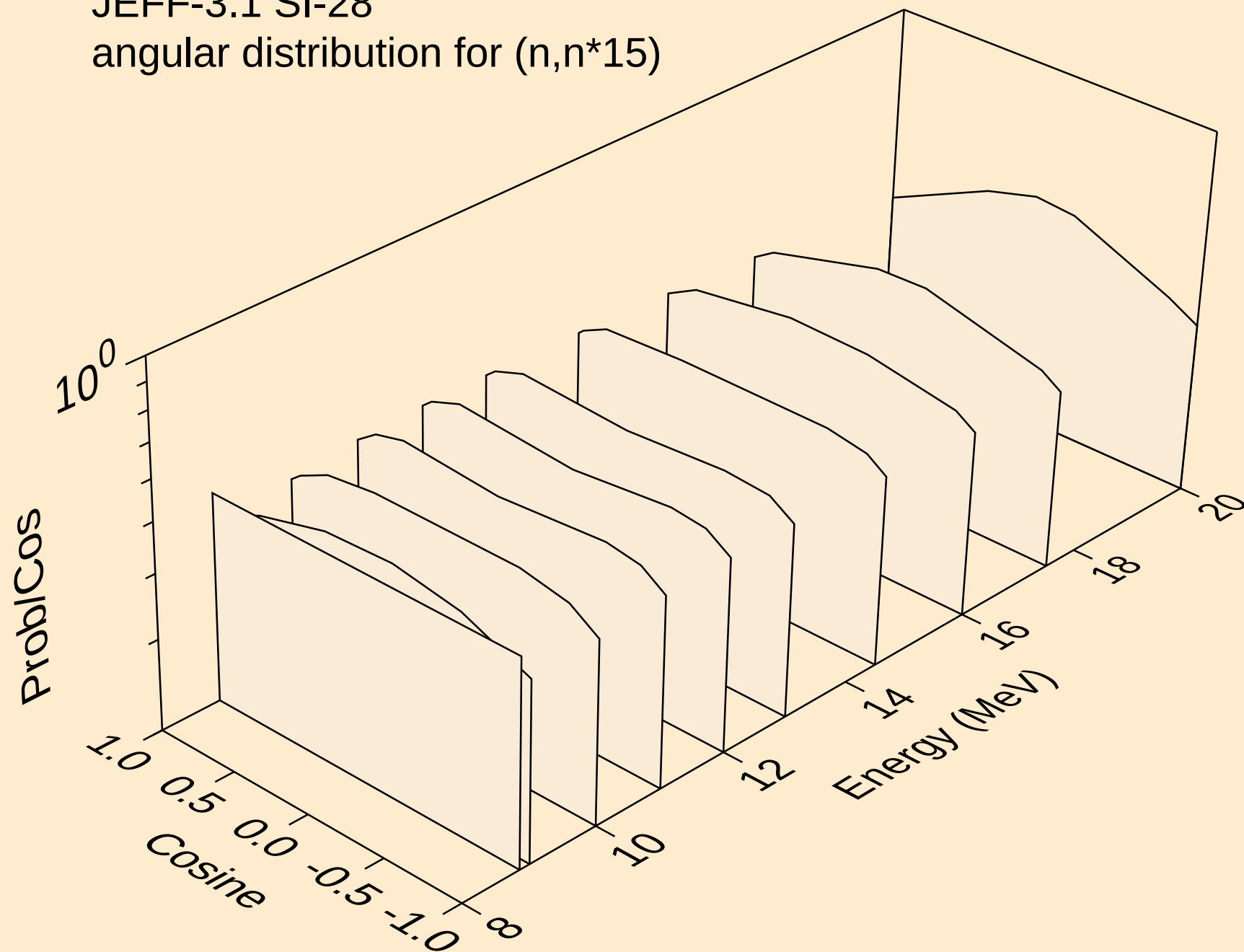
JEFF-3.1 SI-28
angular distribution for (n,n*13)



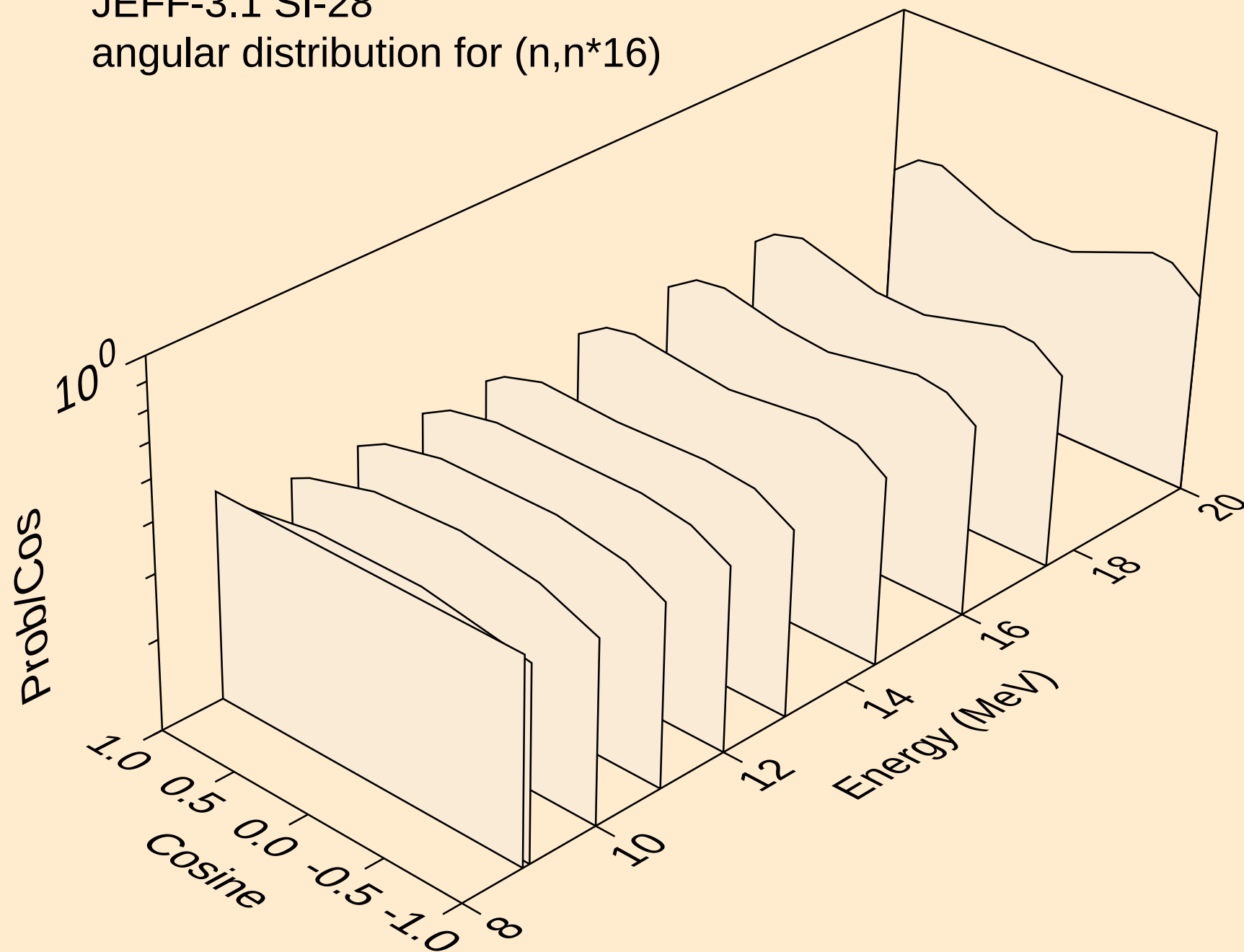
JEFF-3.1 SI-28
angular distribution for (n,n*14)



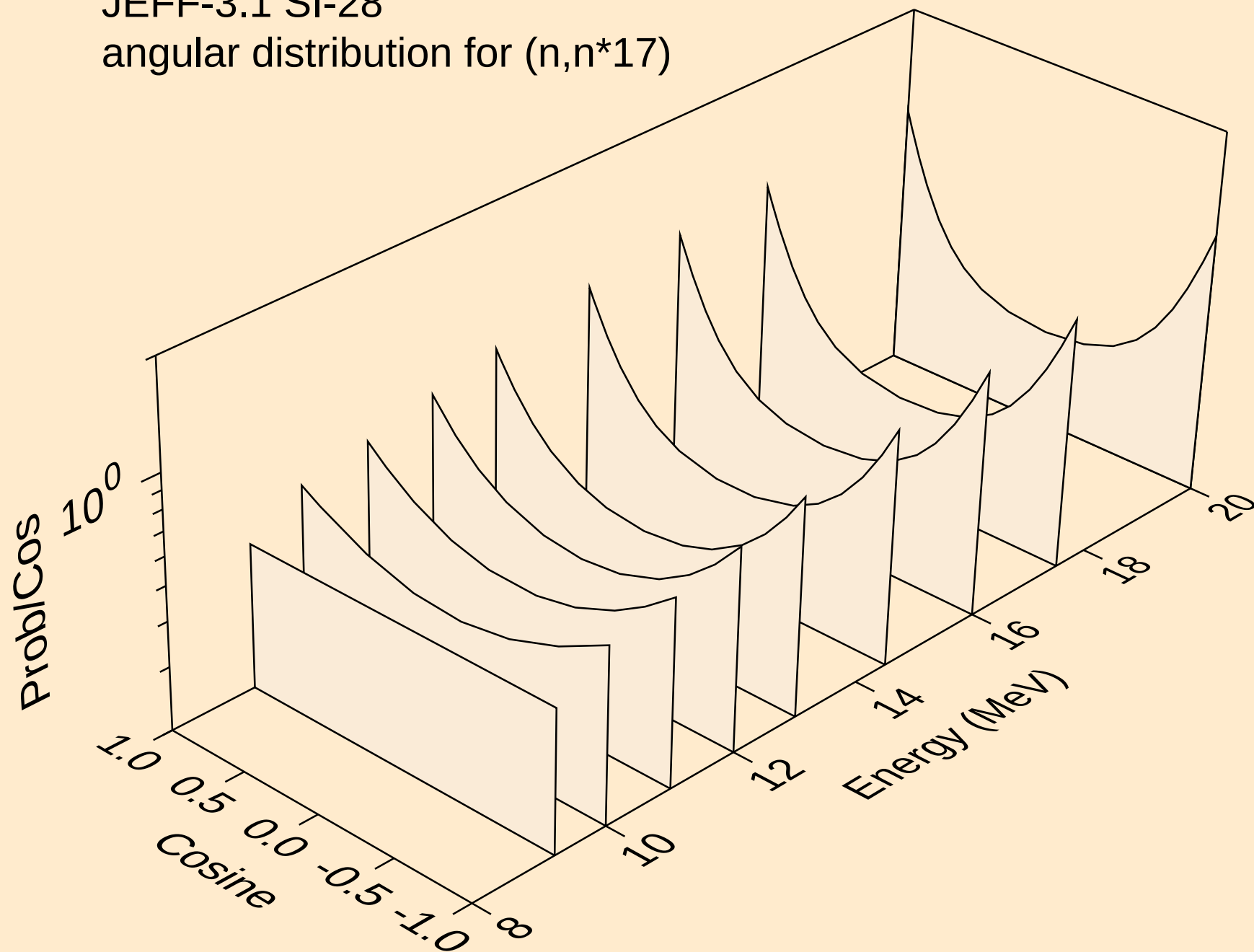
JEFF-3.1 SI-28
angular distribution for (n,n*15)



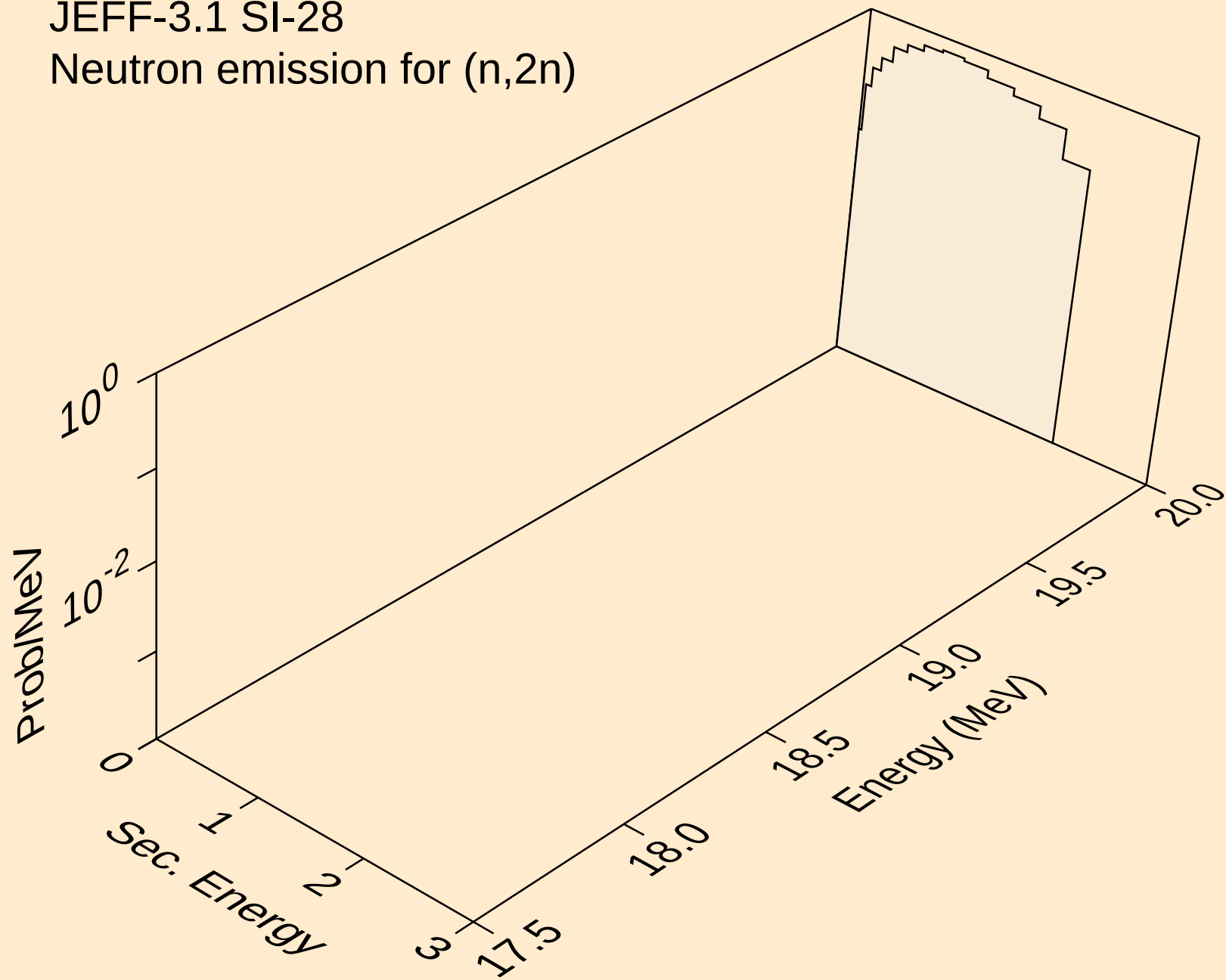
JEFF-3.1 SI-28
angular distribution for (n,n*16)



JEFF-3.1 SI-28
angular distribution for (n,n*17)

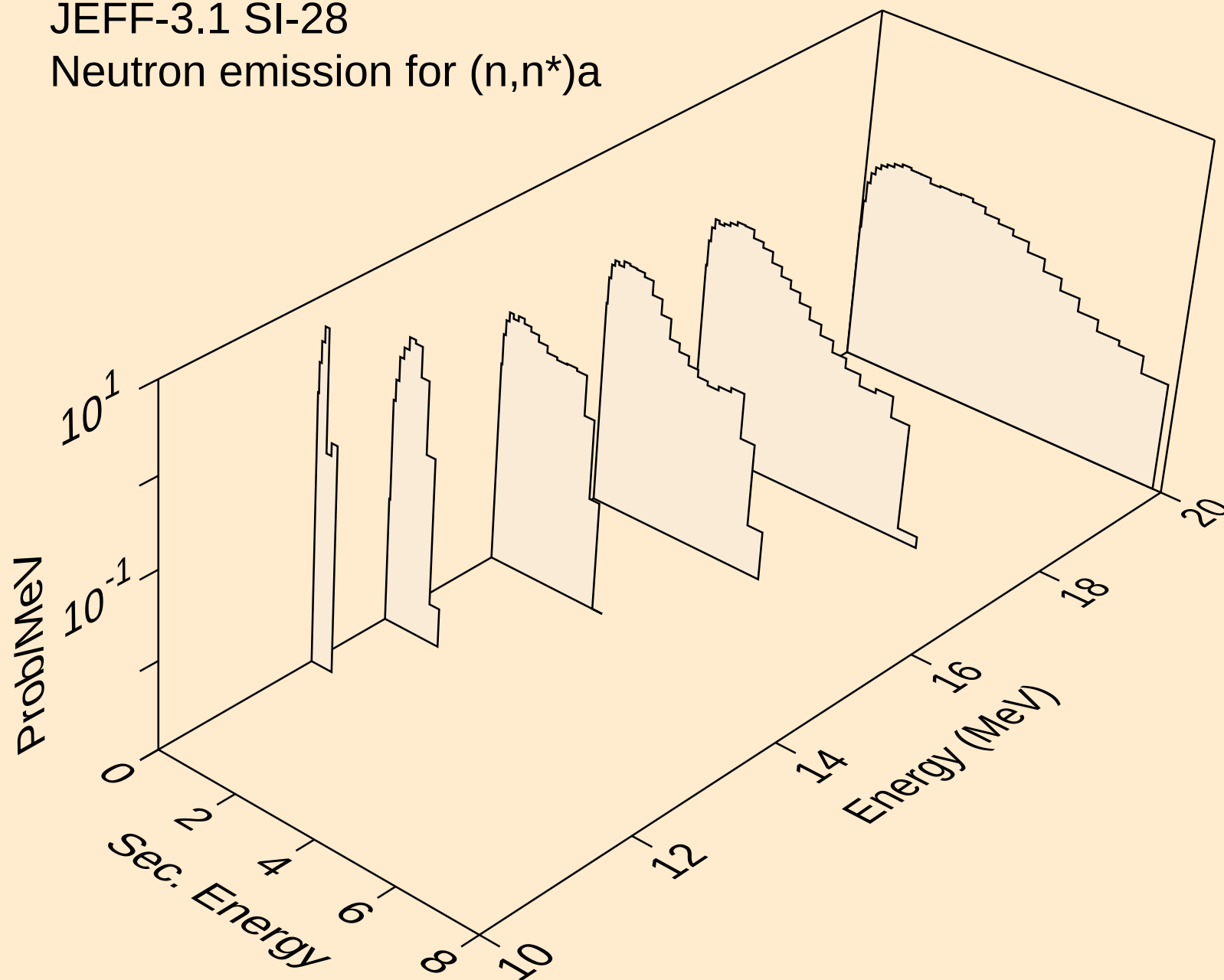


JEFF-3.1 SI-28
Neutron emission for (n,2n)



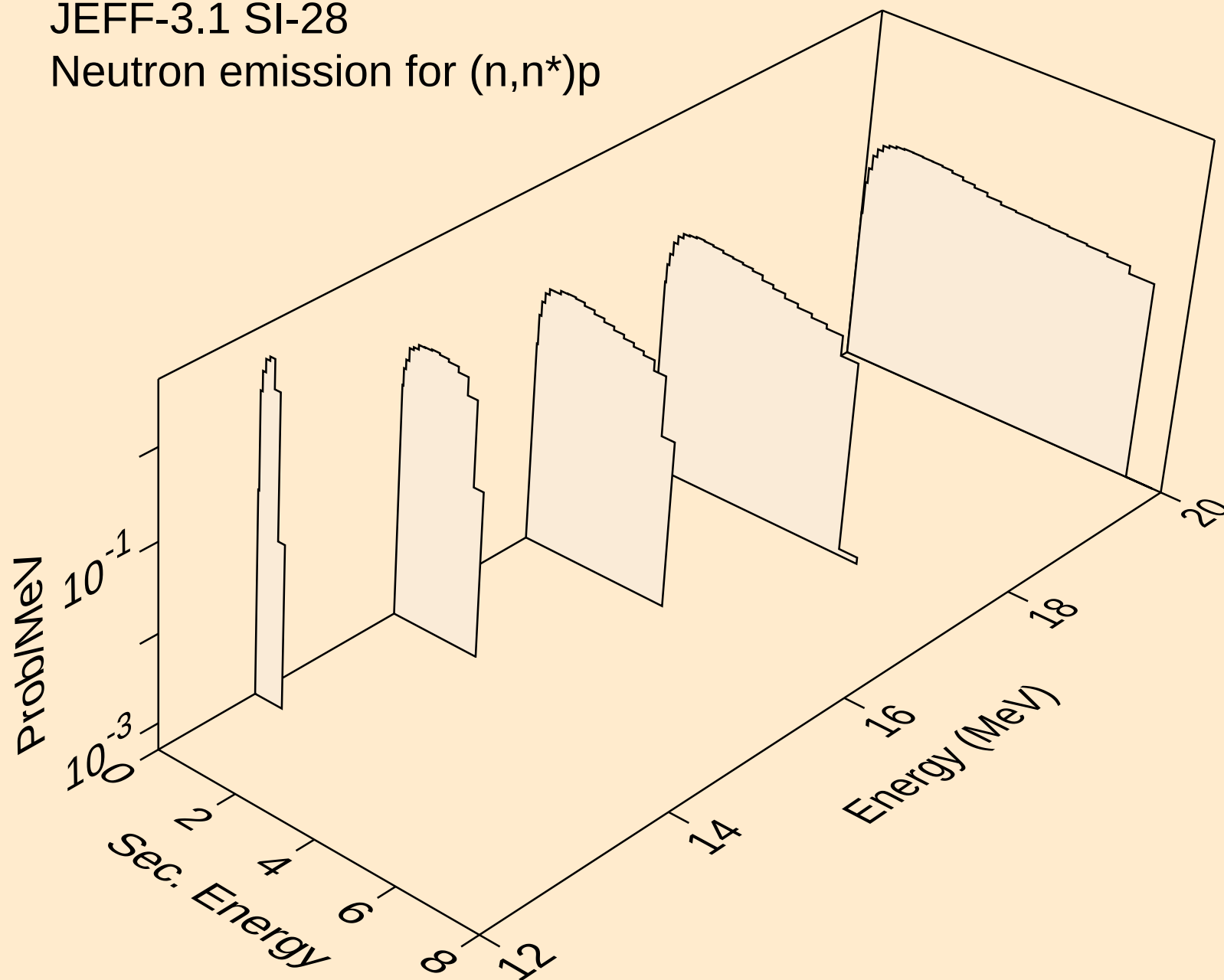
JEFF-3.1 SI-28

Neutron emission for (n,n*)a



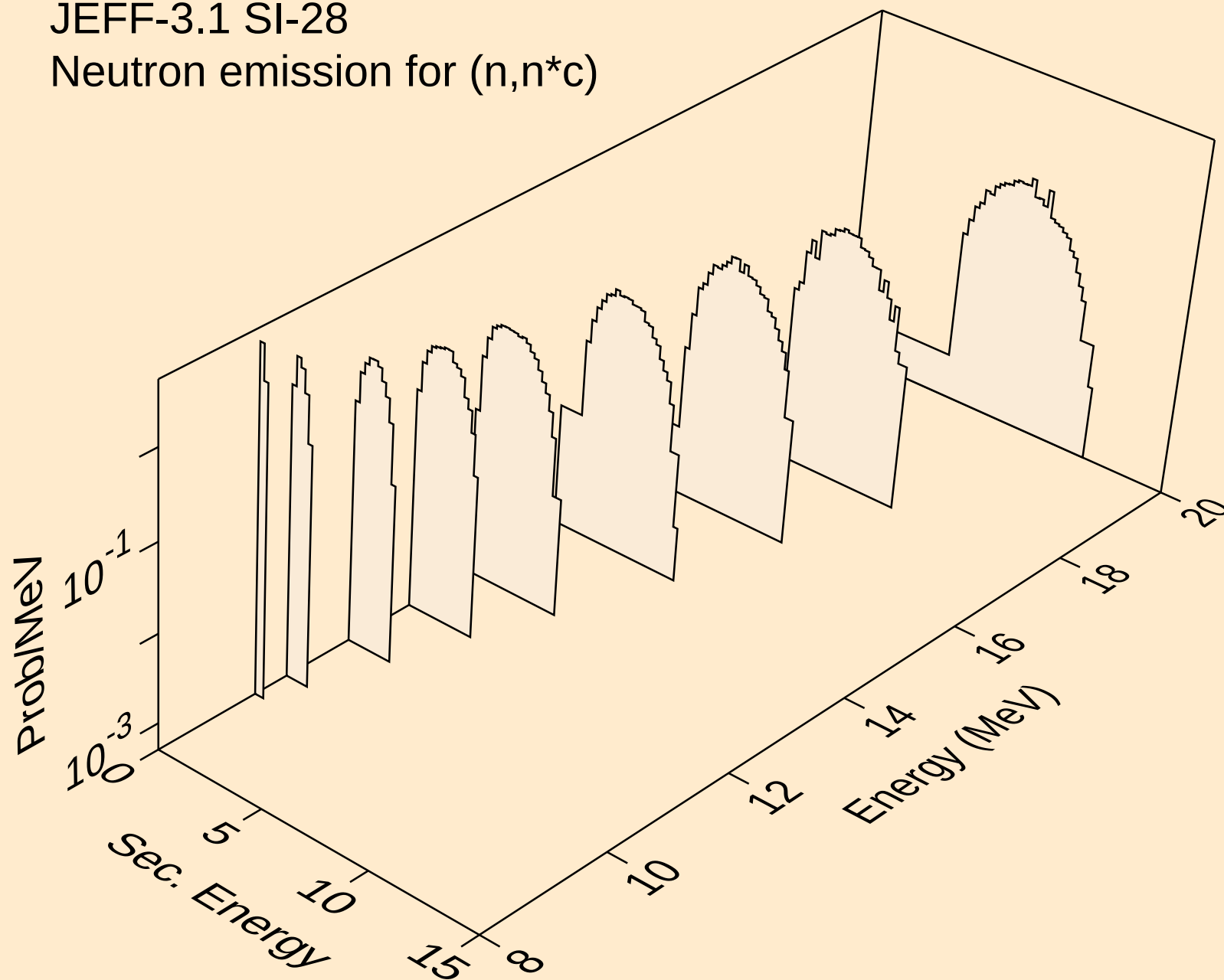
JEFF-3.1 SI-28

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



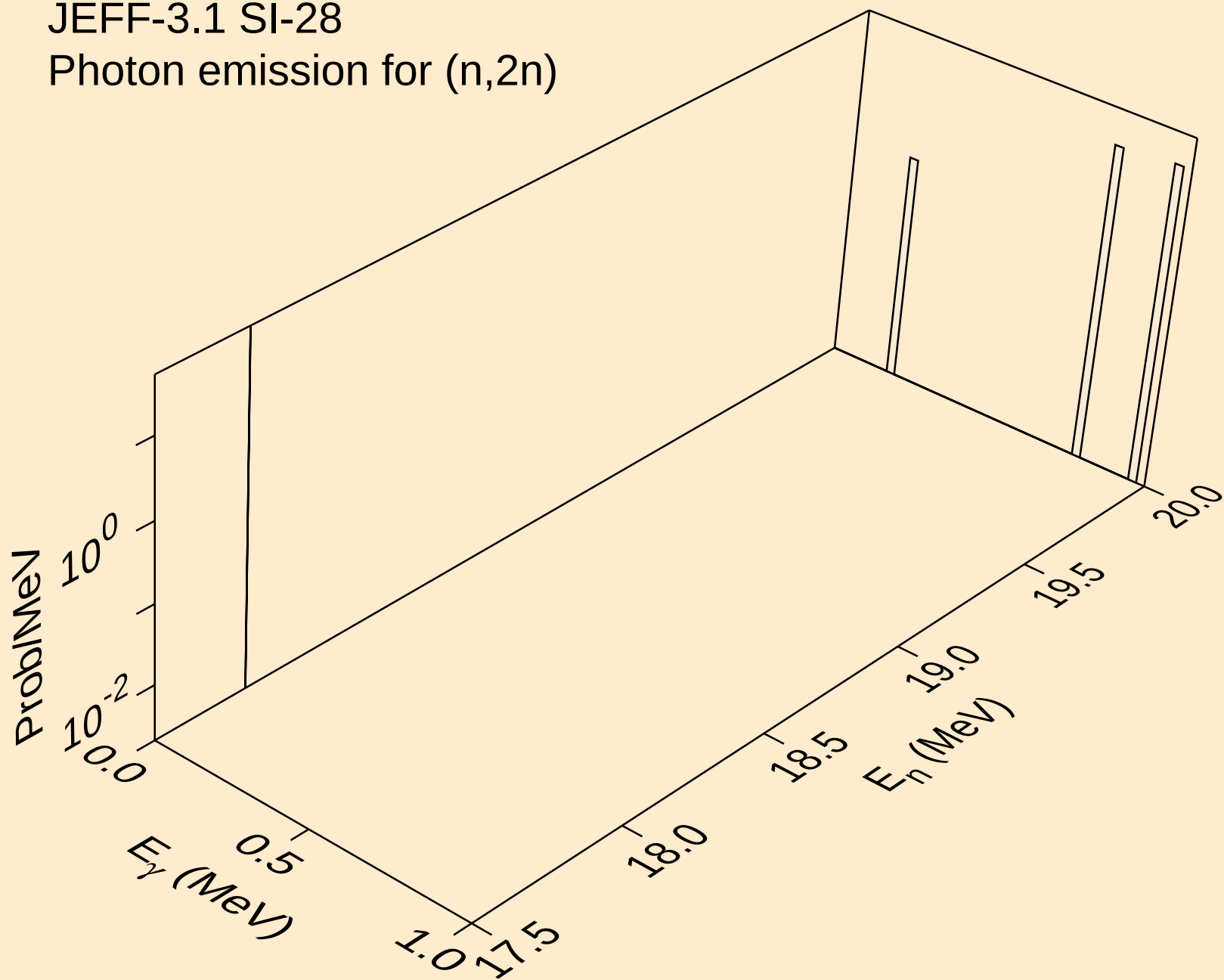
JEFF-3.1 SI-28

Neutron emission for (n,n*c)



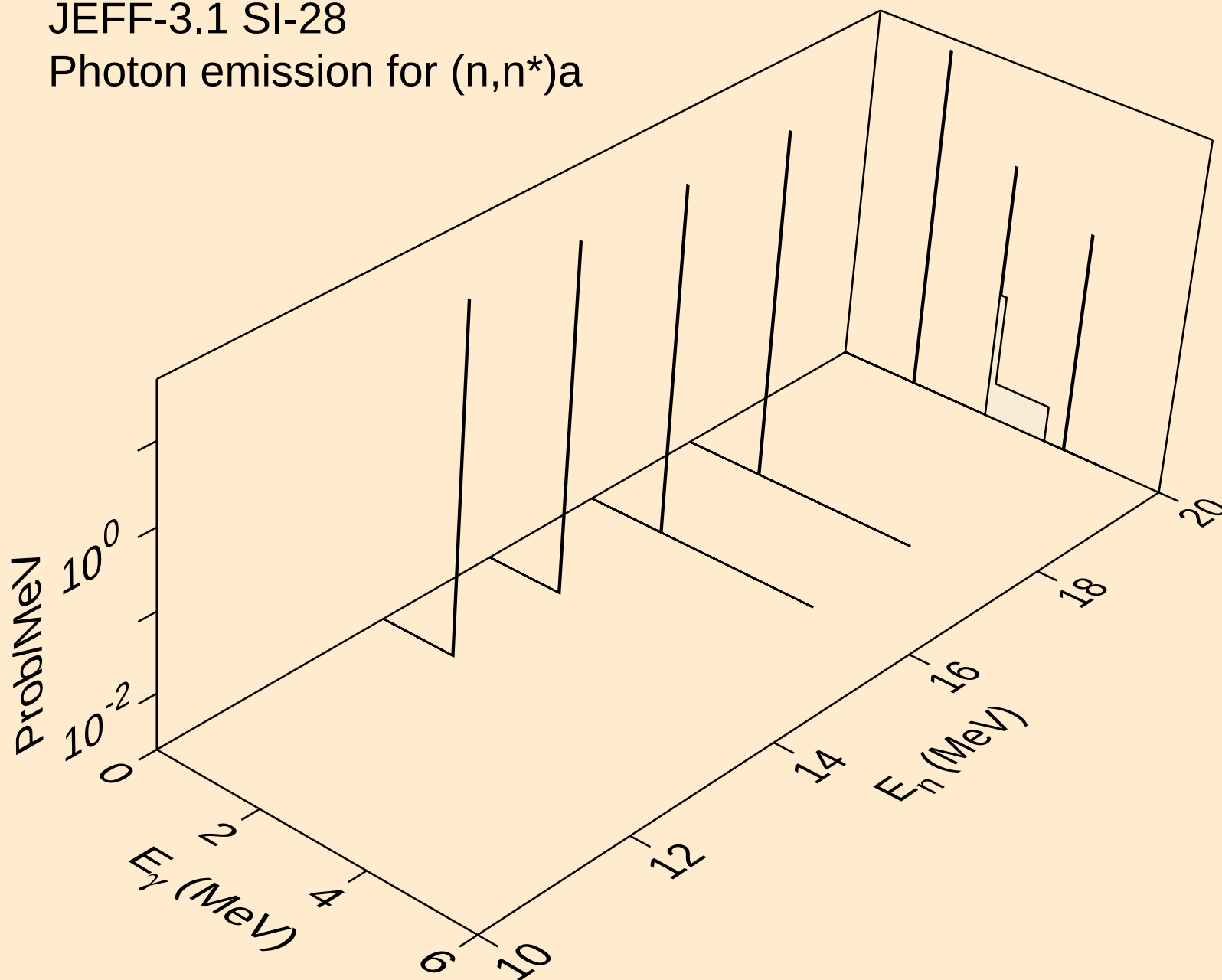
JEFF-3.1 SI-28

Photon emission for (n,2n)



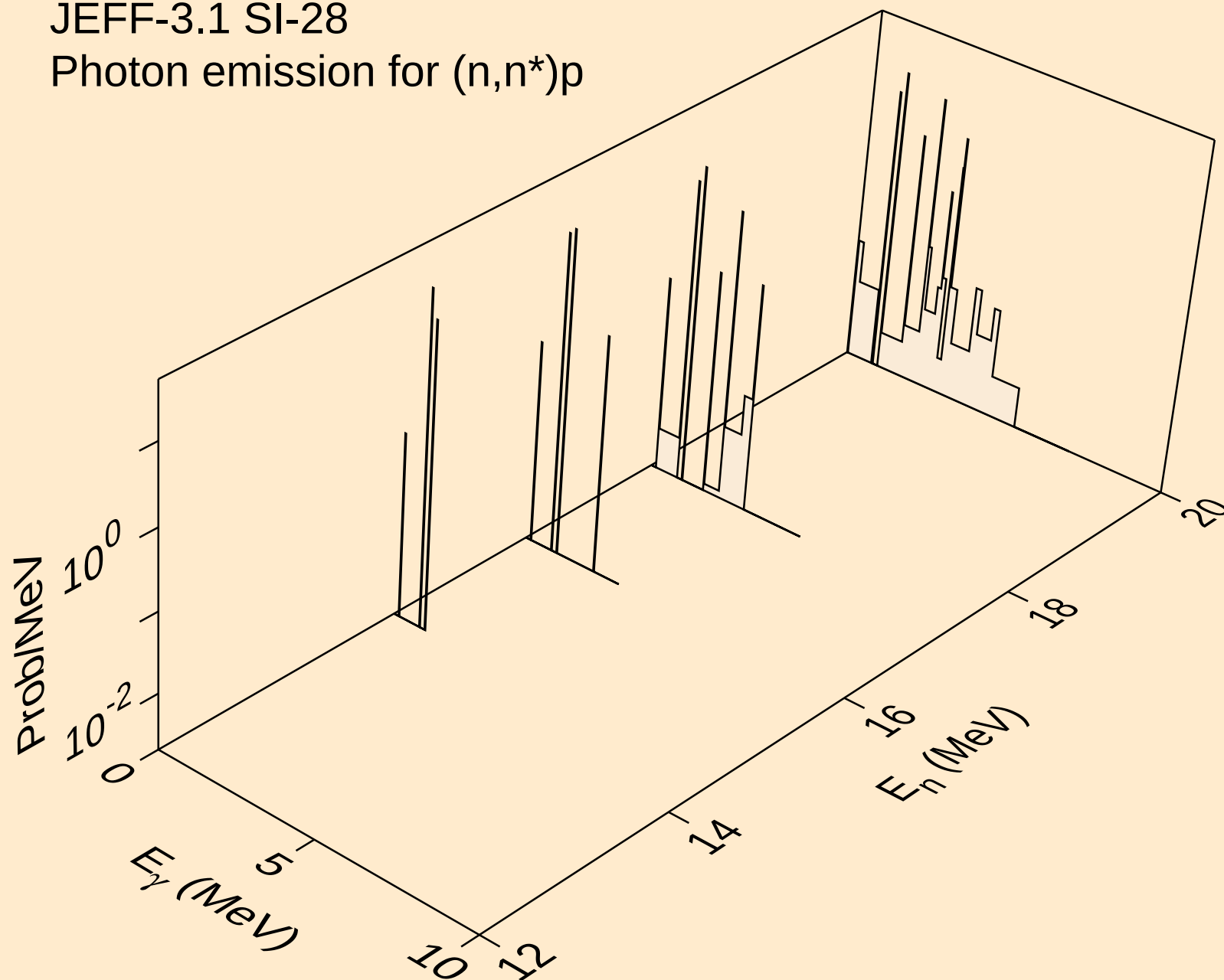
JEFF-3.1 SI-28

Photon emission for (n,n*)a



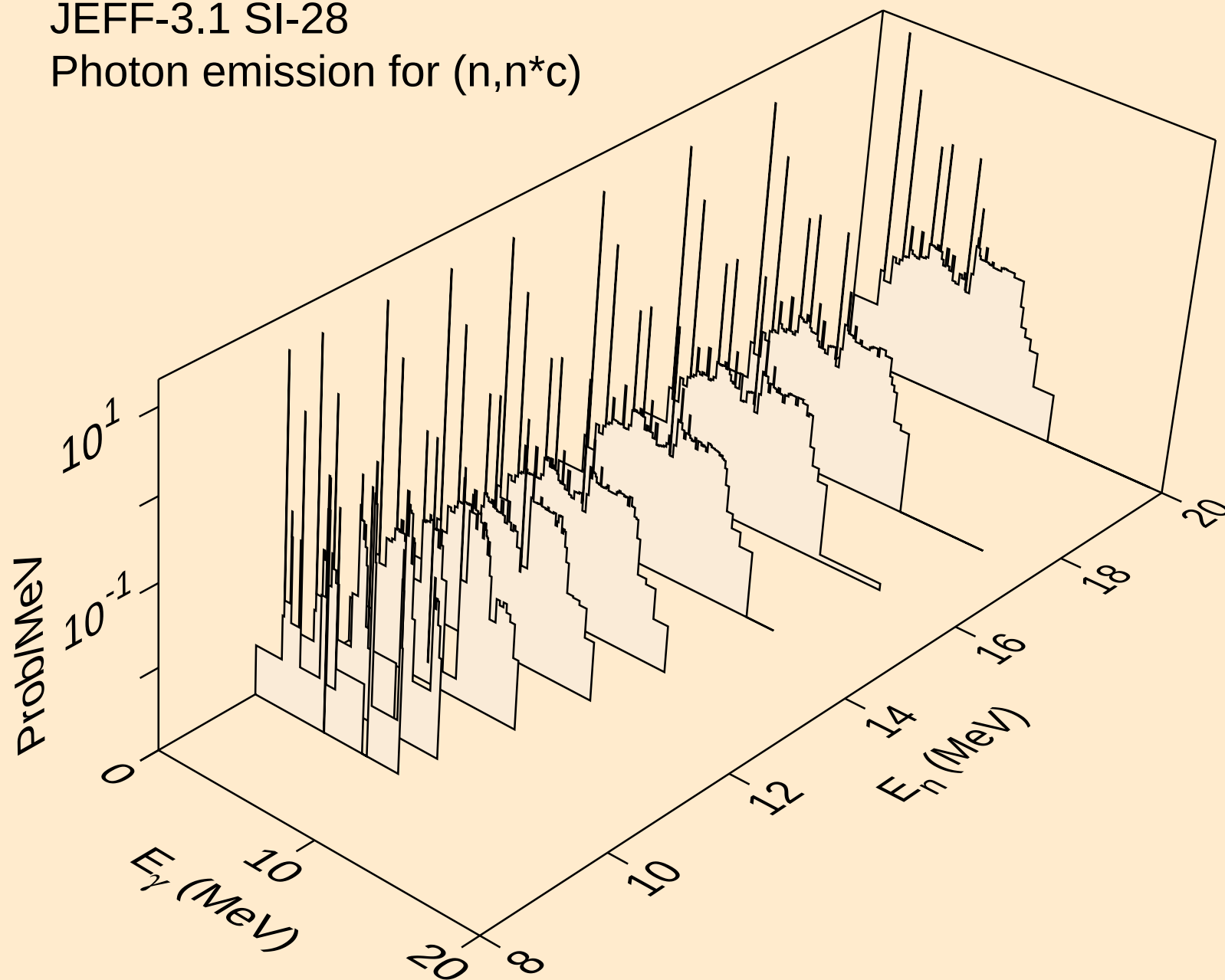
JEFF-3.1 SI-28

Photon emission for (n,n*)p



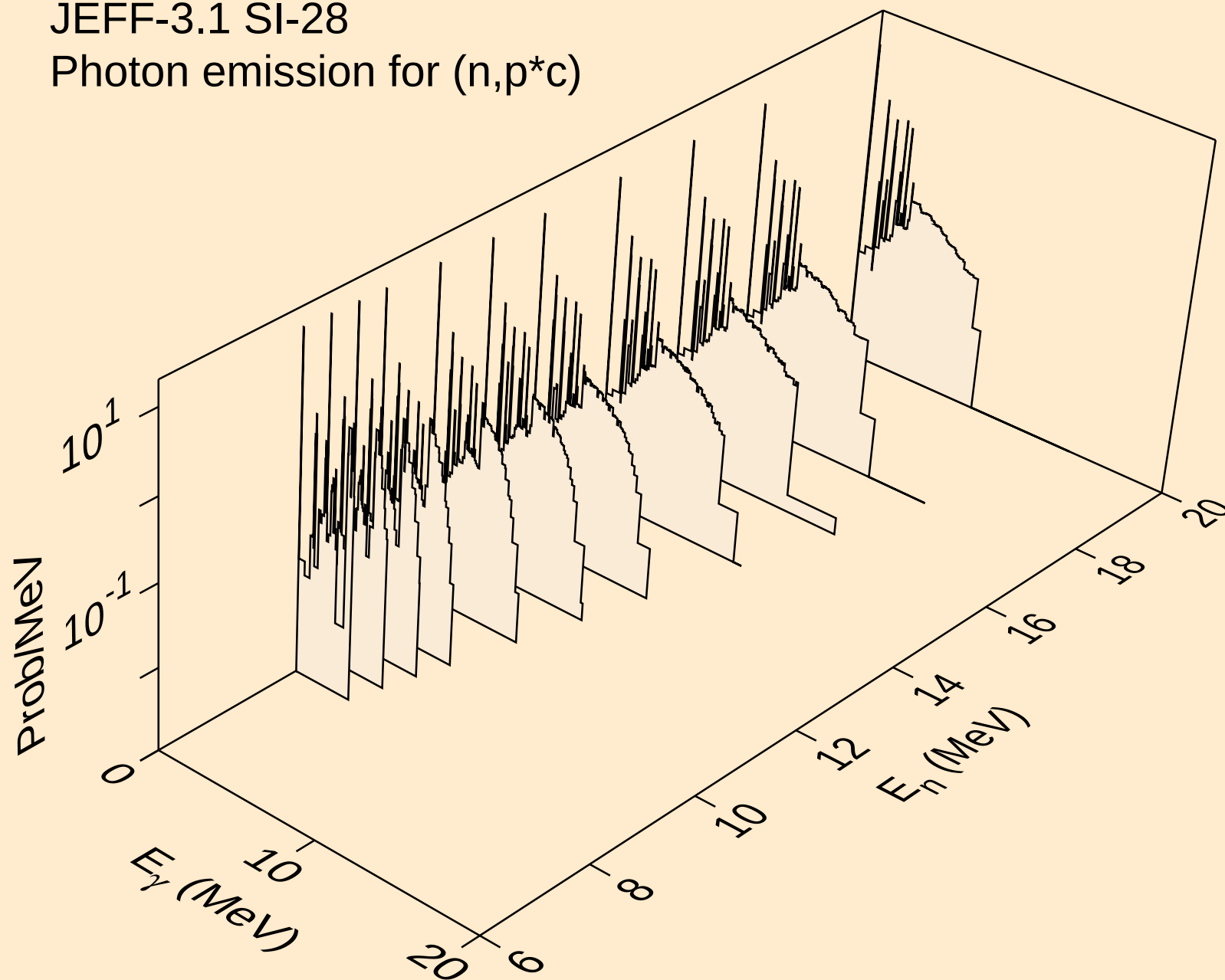
JEFF-3.1 SI-28

Photon emission for (n,n*c)



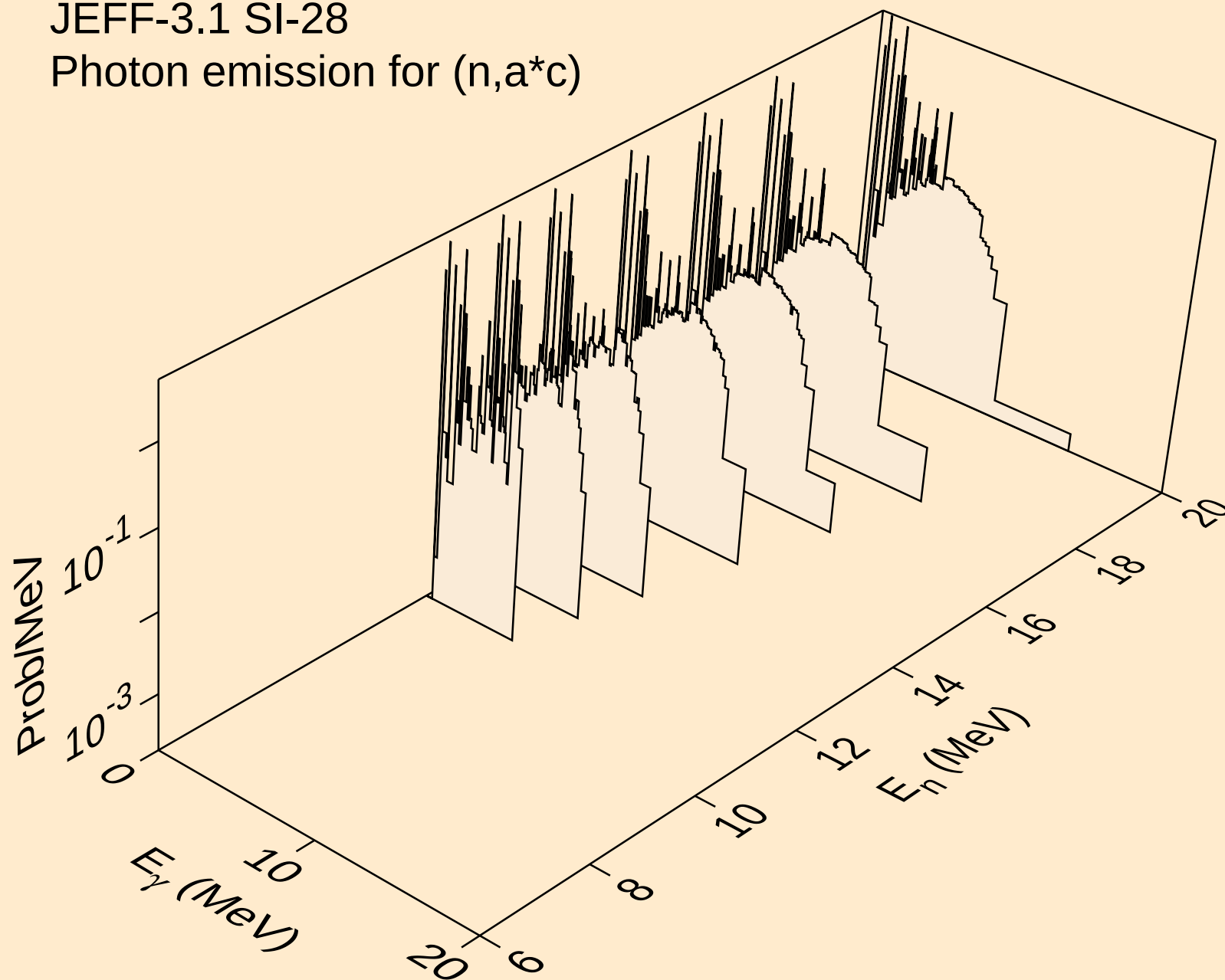
JEFF-3.1 SI-28

Photon emission for (n,p*c)

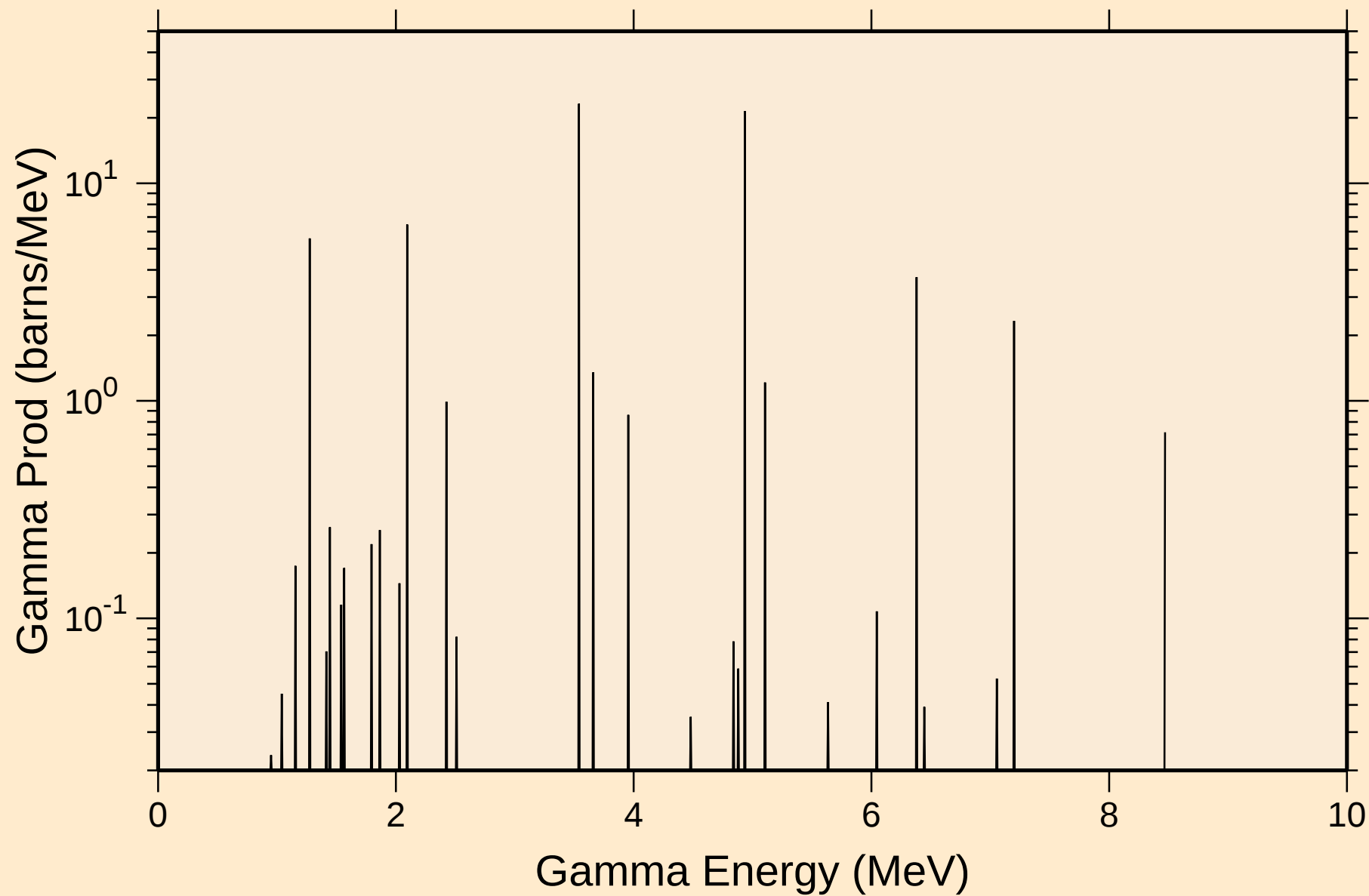


JEFF-3.1 SI-28

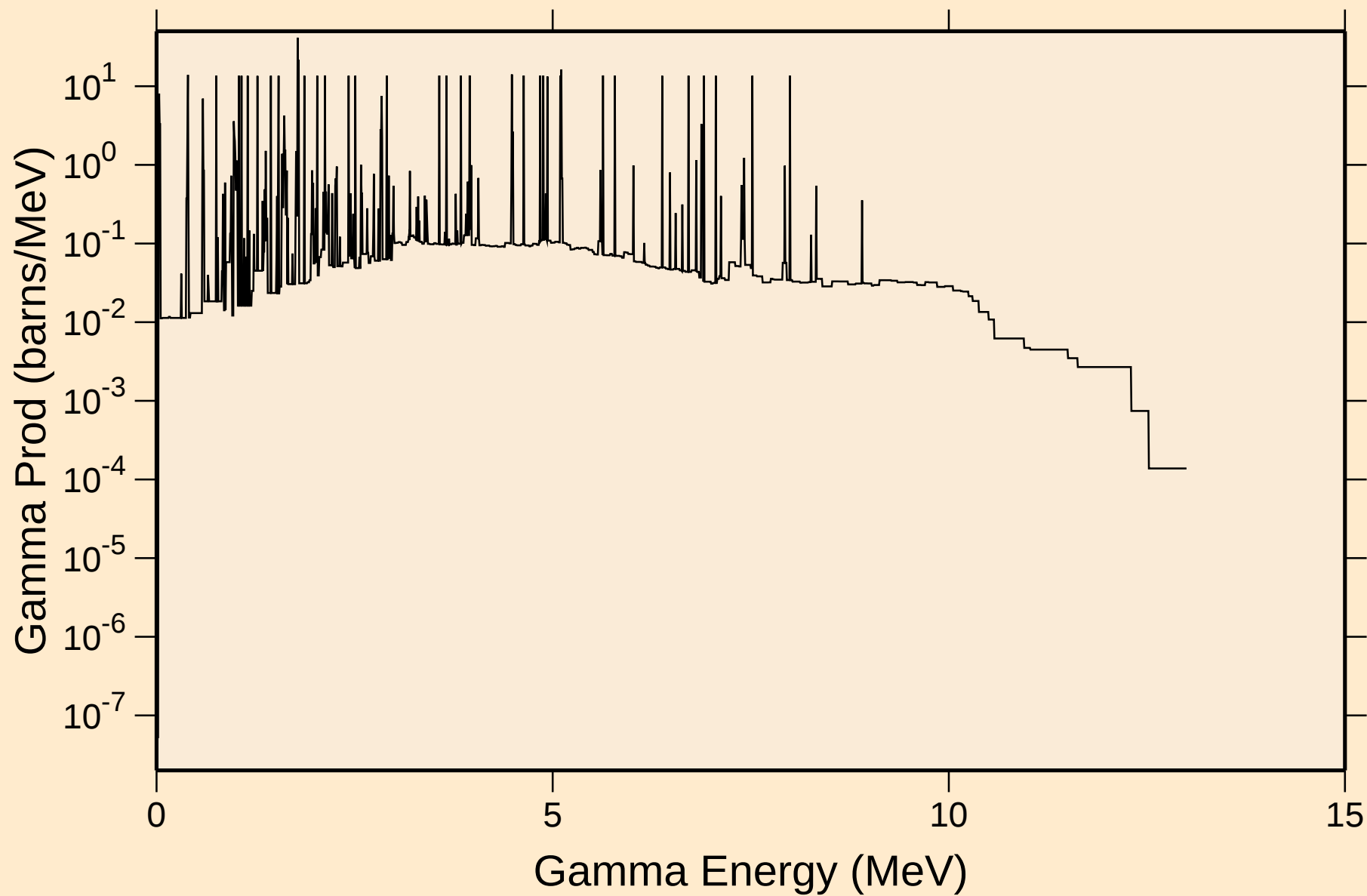
Photon emission for (n,a*c)



JEFF-3.1 SI-28
thermal capture photon spectrum

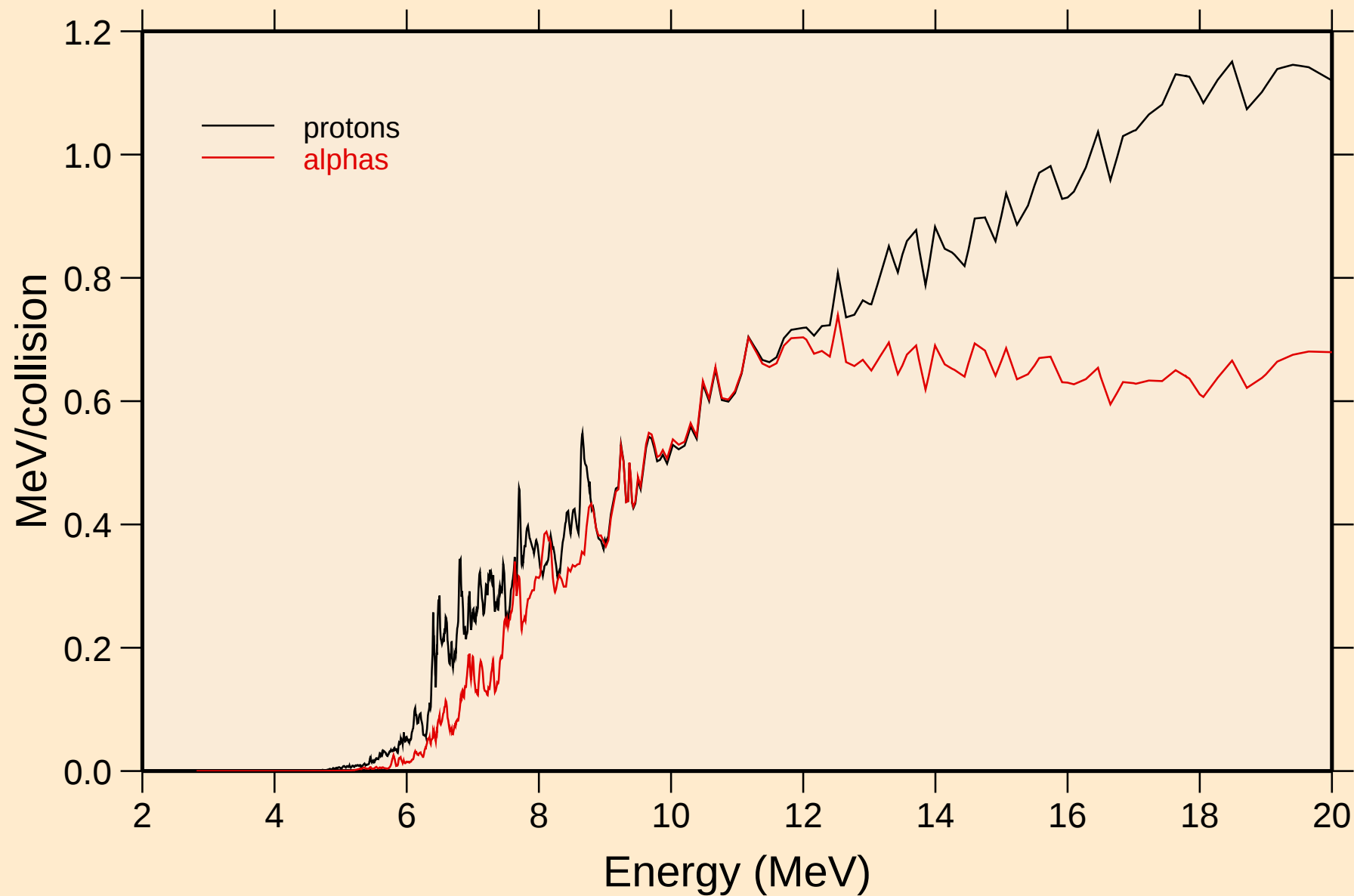


JEFF-3.1 SI-28
14 MeV photon spectrum



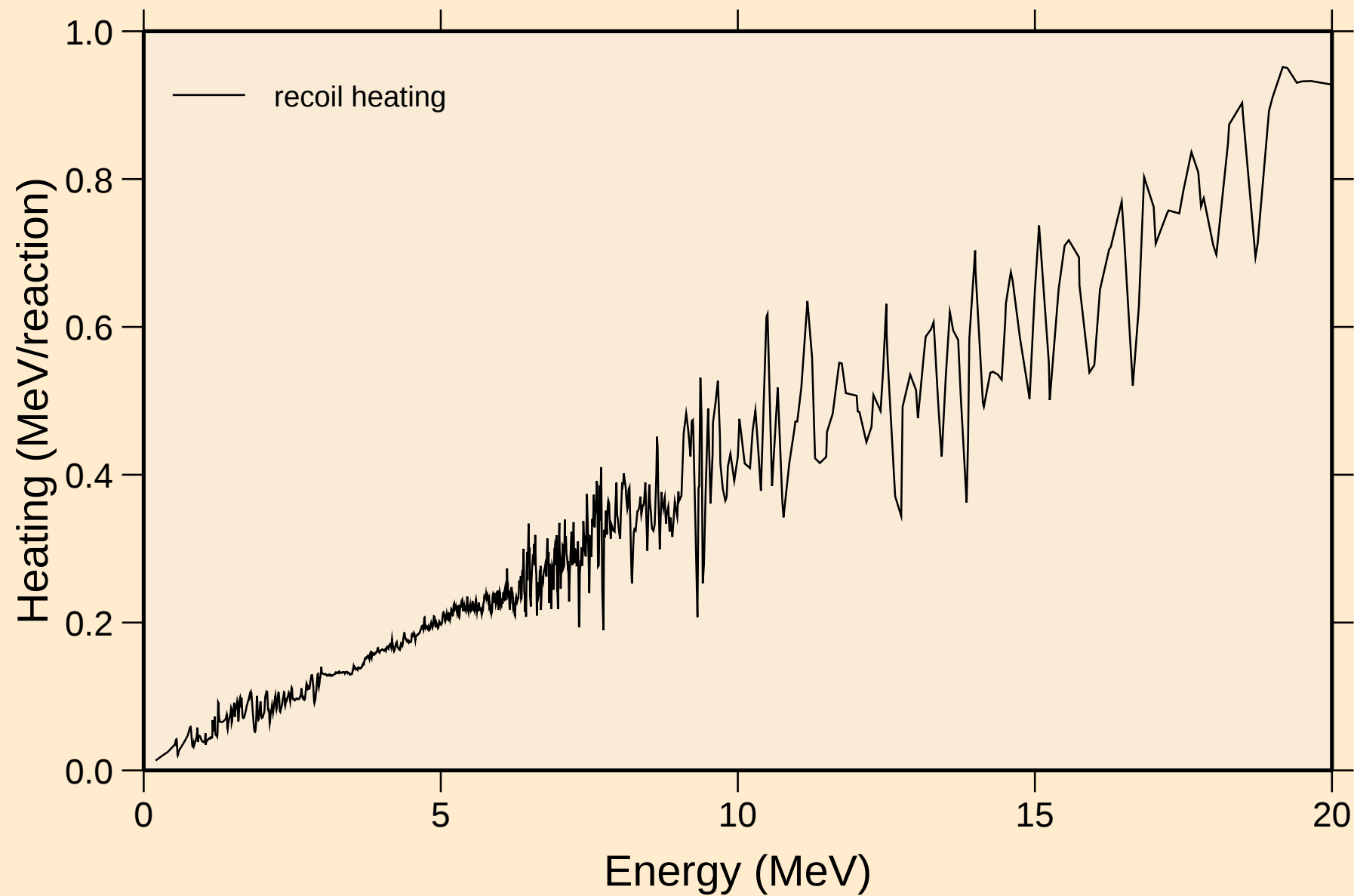
JEFF-3.1 SI-28

Particle heating contributions



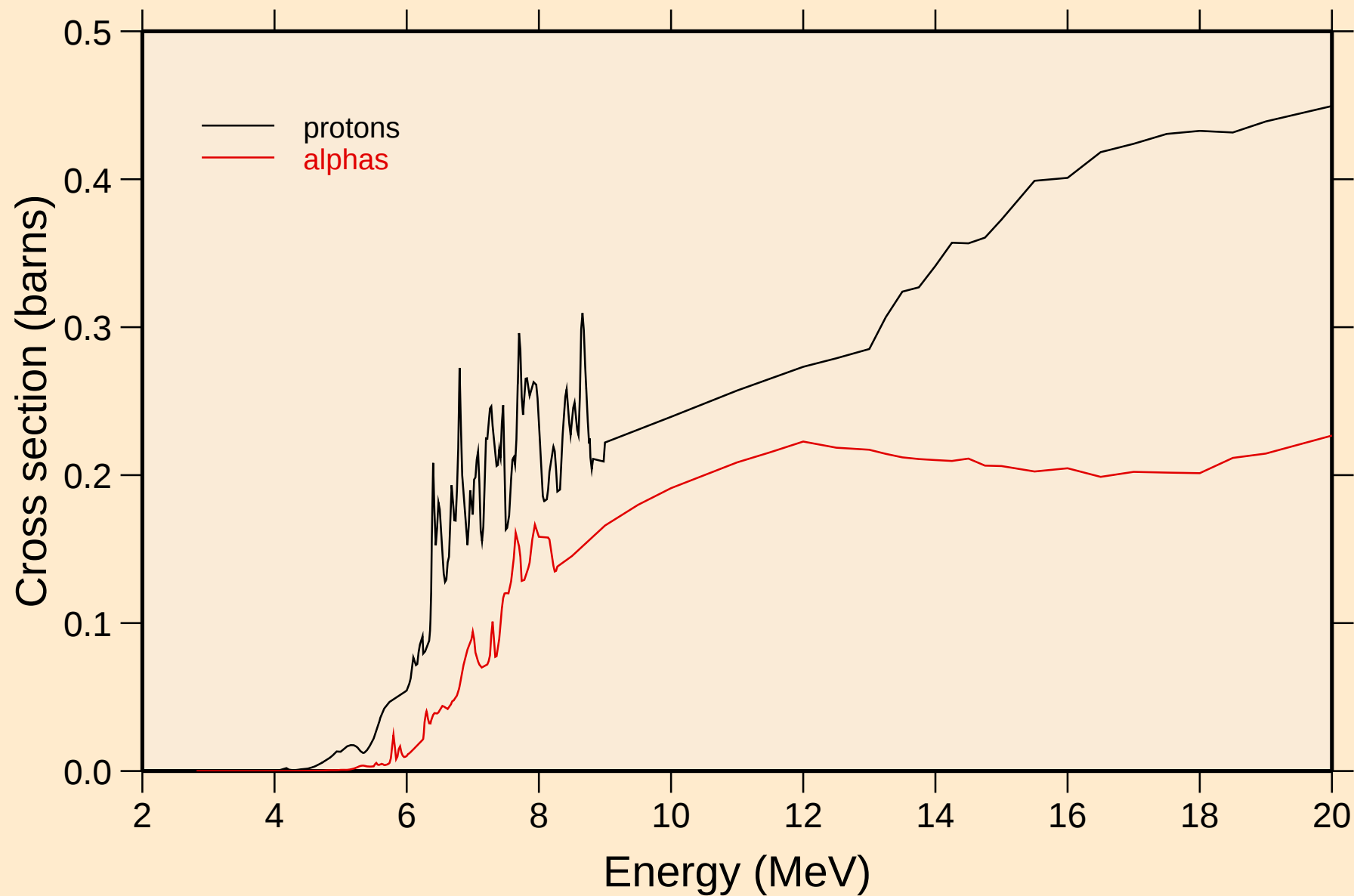
JEFF-3.1 SI-28

Recoil Heating

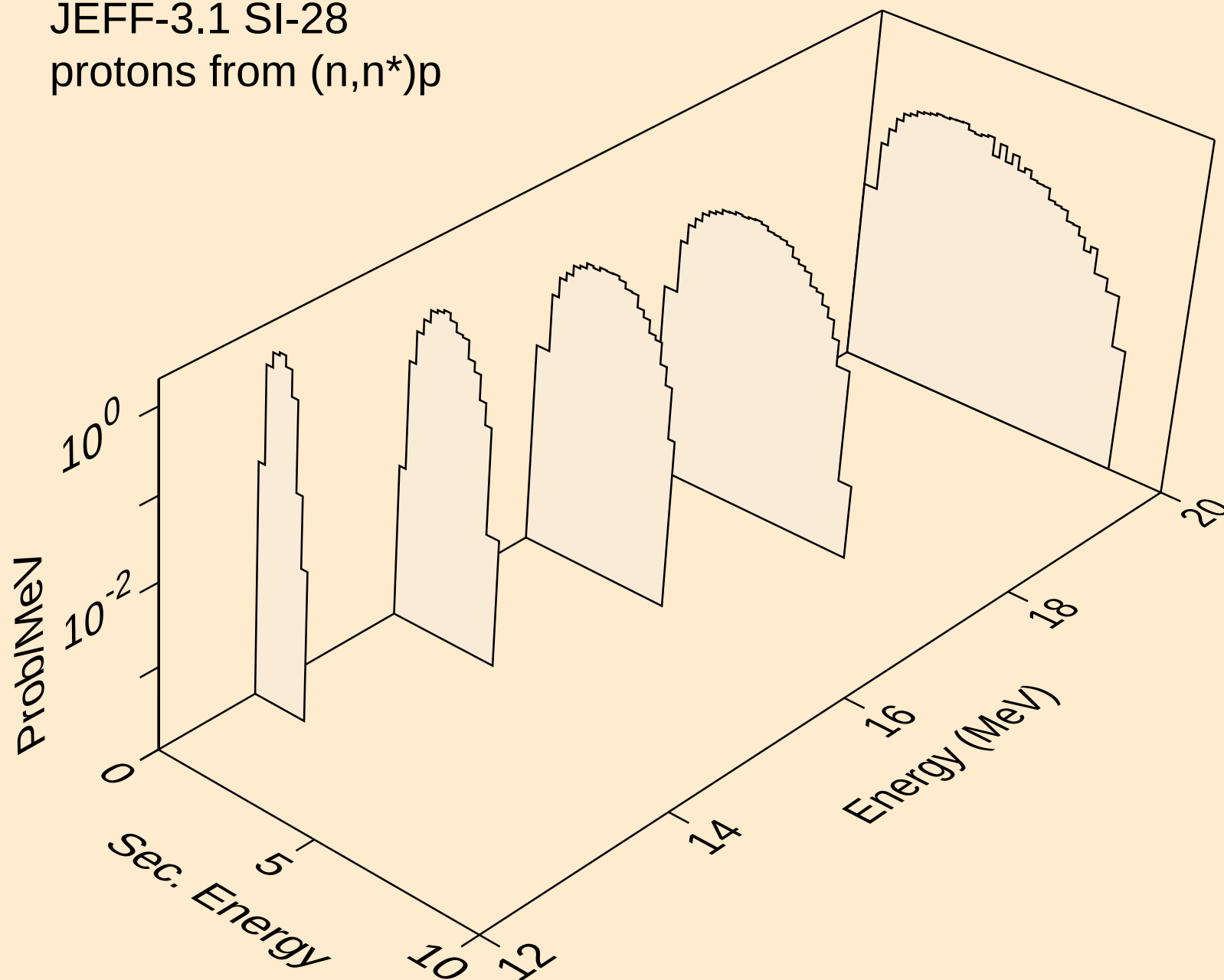


JEFF-3.1 SI-28

Particle production cross sections

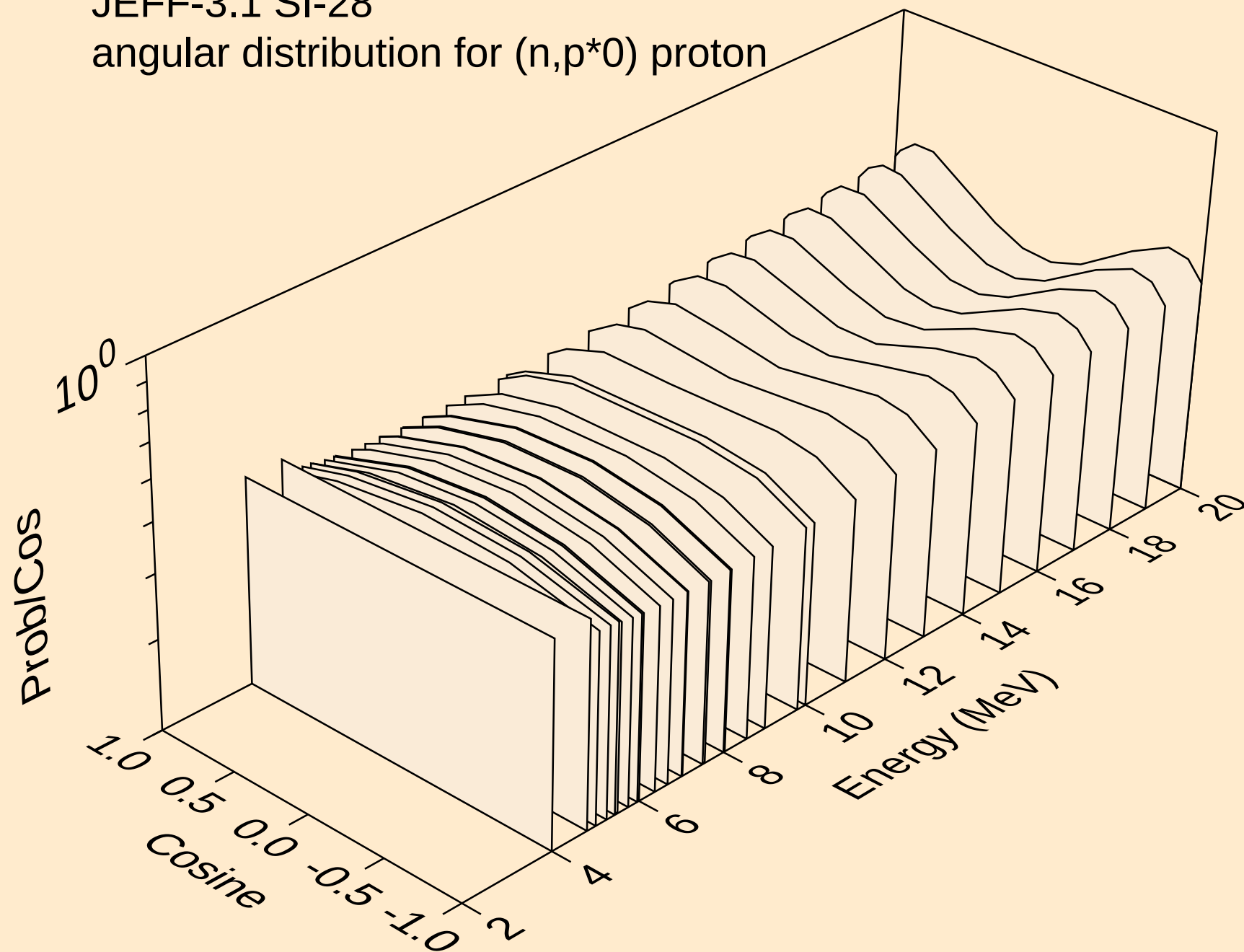


JEFF-3.1 SI-28
protons from (n,n*)p



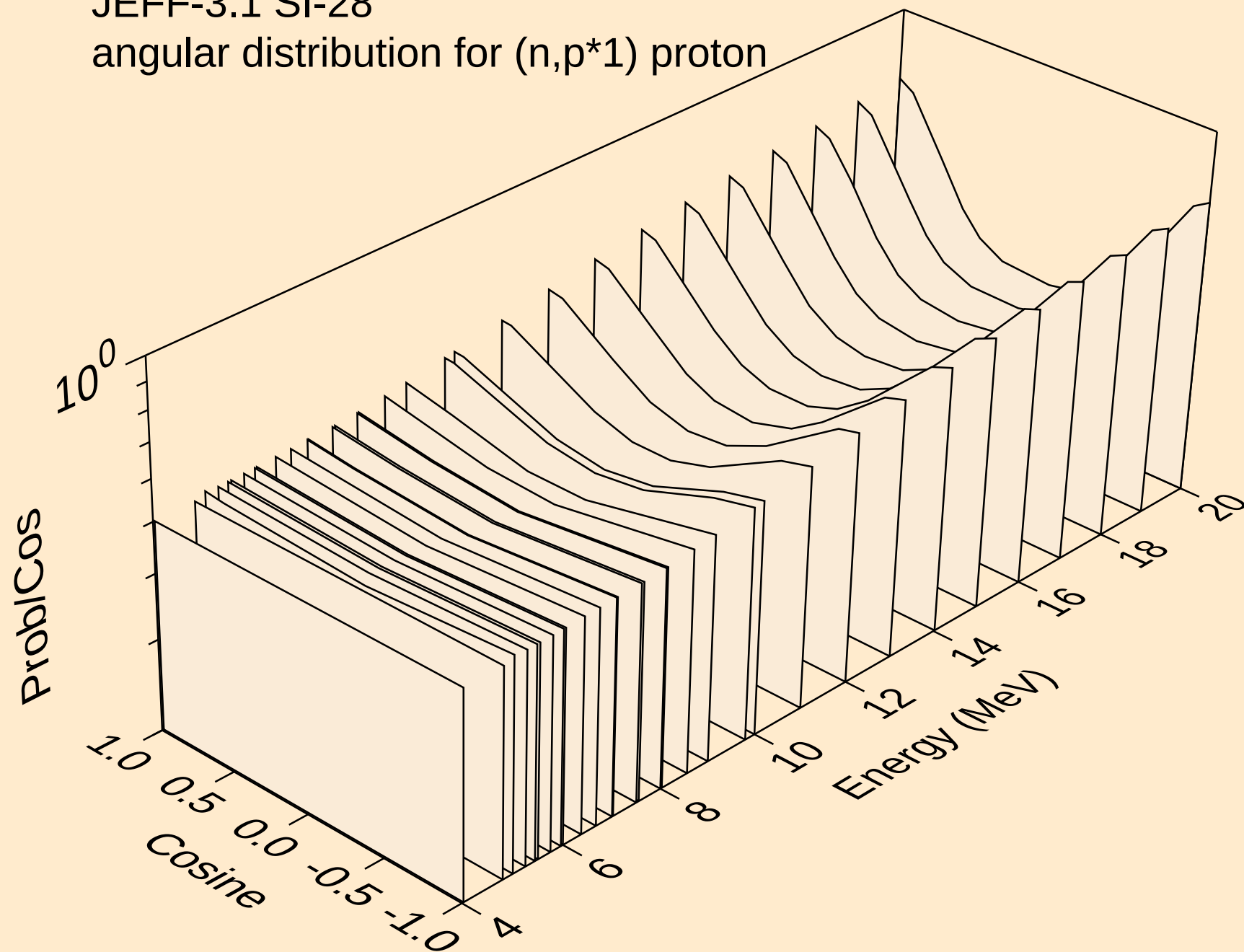
JEFF-3.1 SI-28

angular distribution for (n,p*0) proton



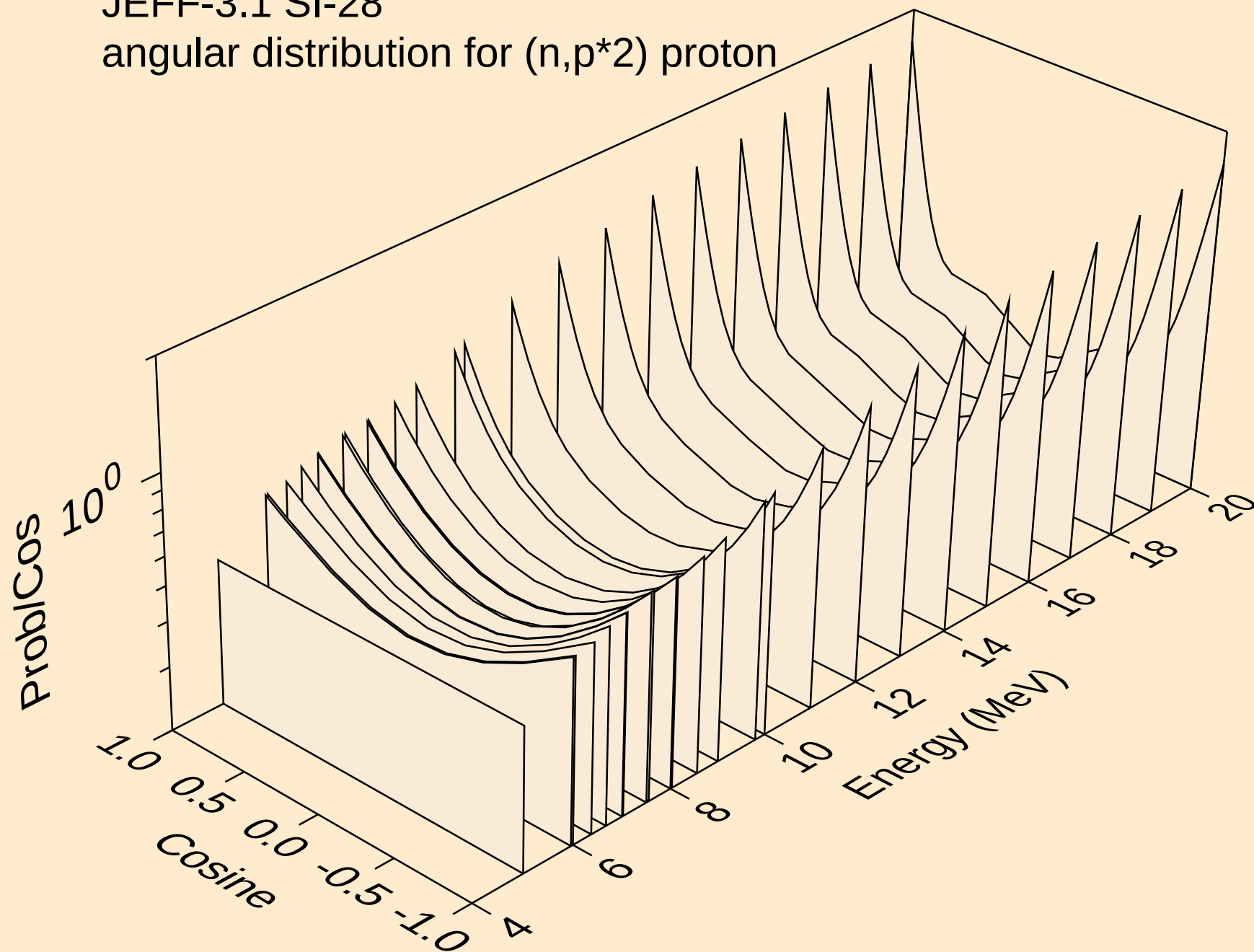
JEFF-3.1 SI-28

angular distribution for (n,p*1) proton



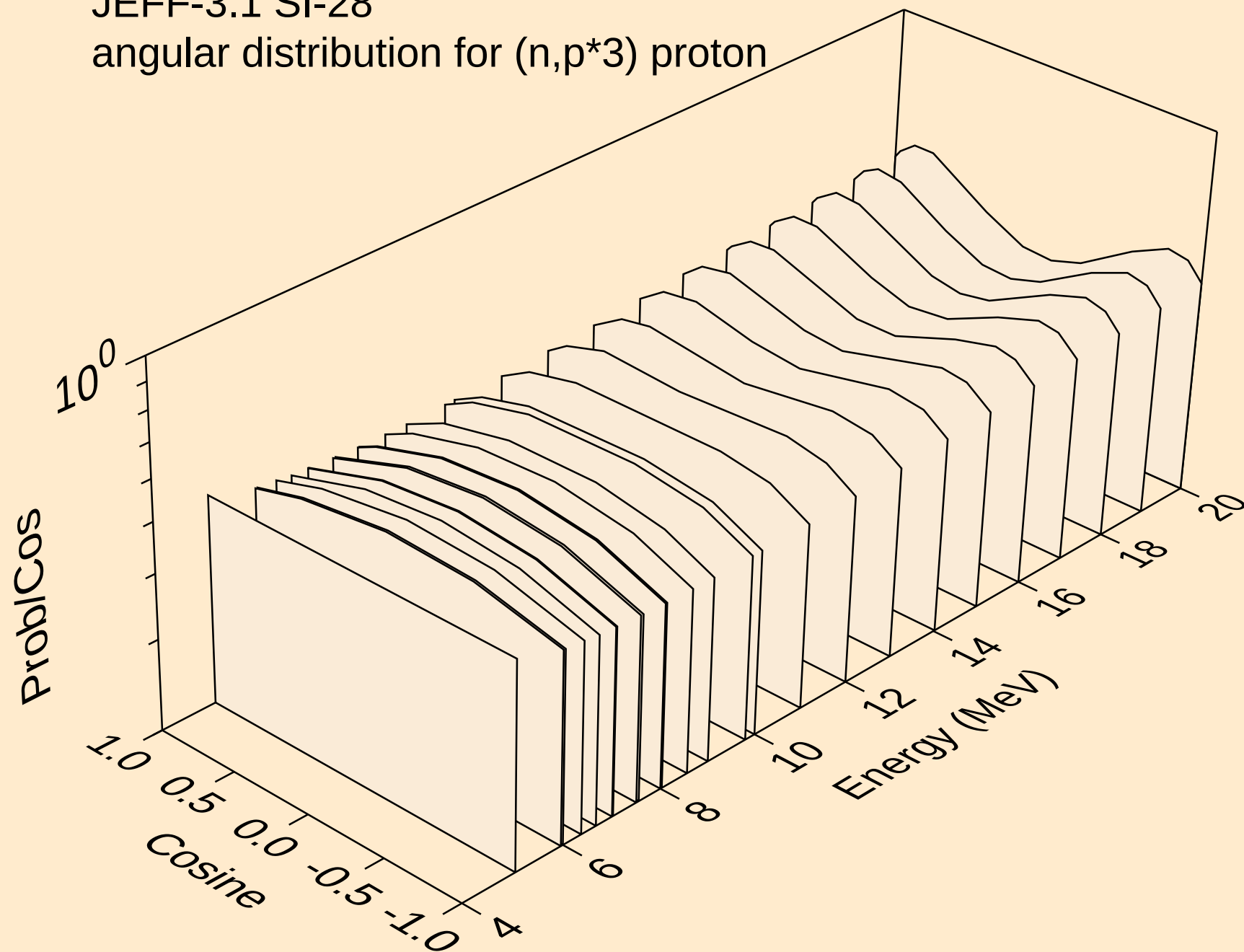
JEFF-3.1 SI-28

angular distribution for (n,p*2) proton



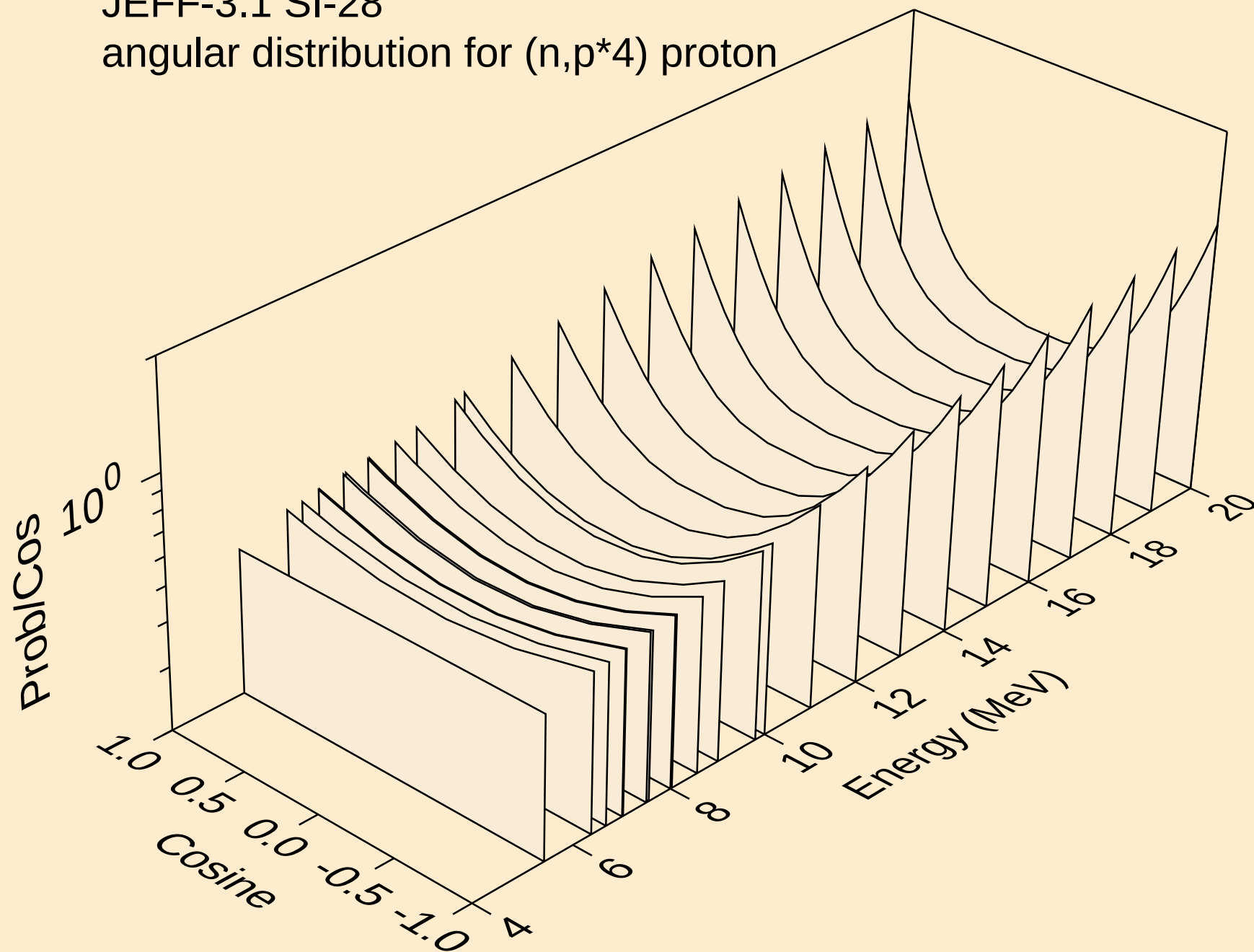
JEFF-3.1 SI-28

angular distribution for (n,p*3) proton



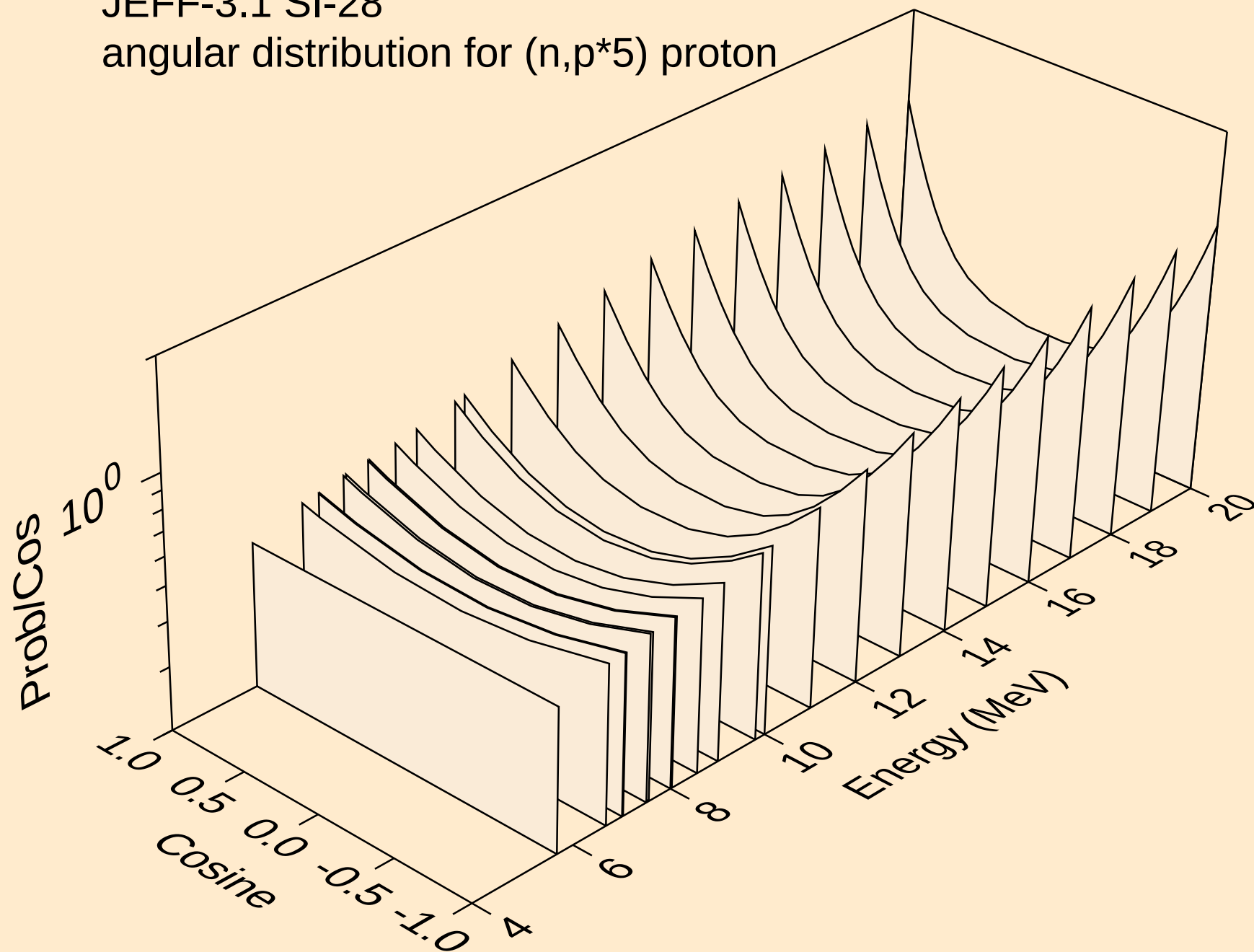
JEFF-3.1 SI-28

angular distribution for (n,p*4) proton



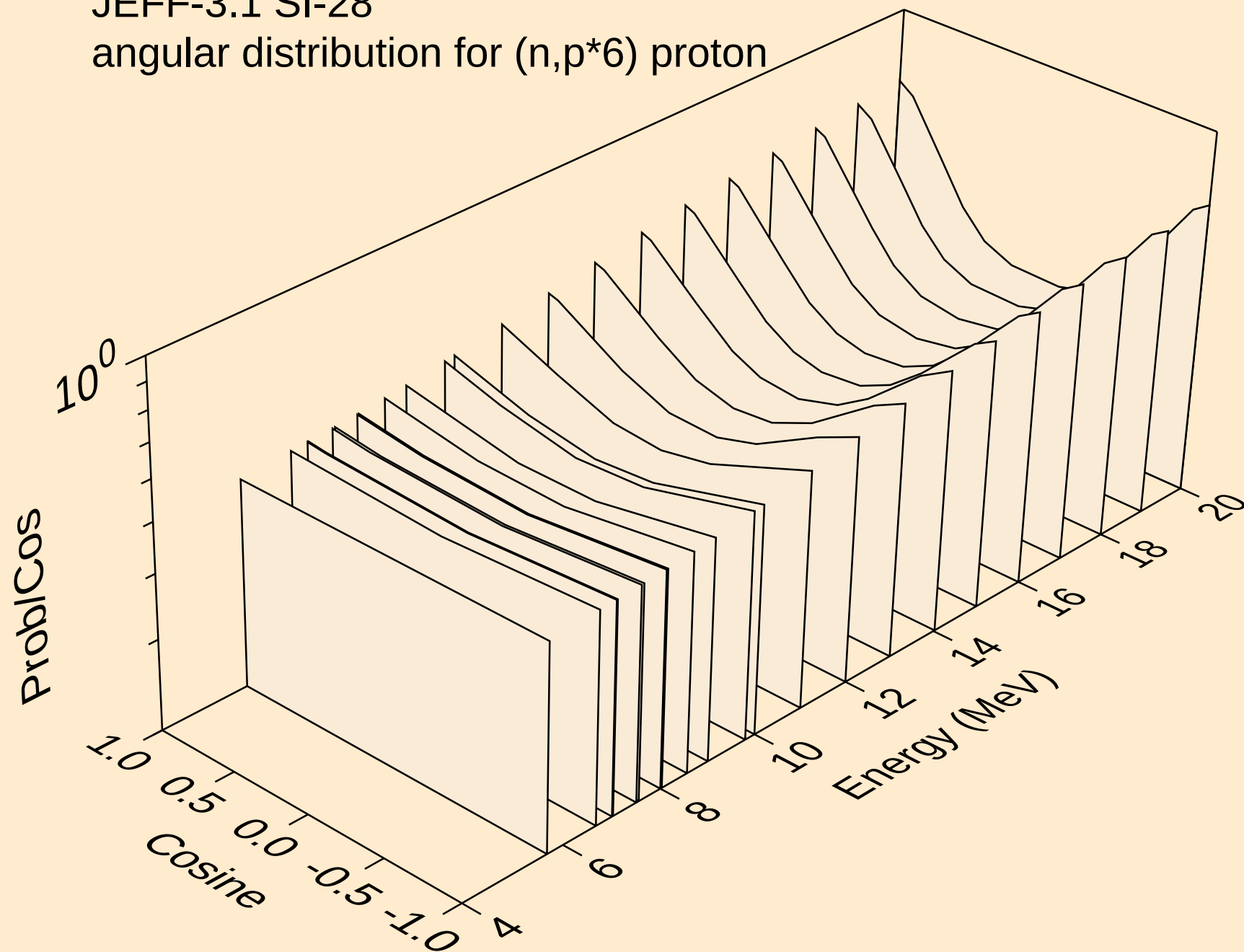
JEFF-3.1 SI-28

angular distribution for (n,p*5) proton



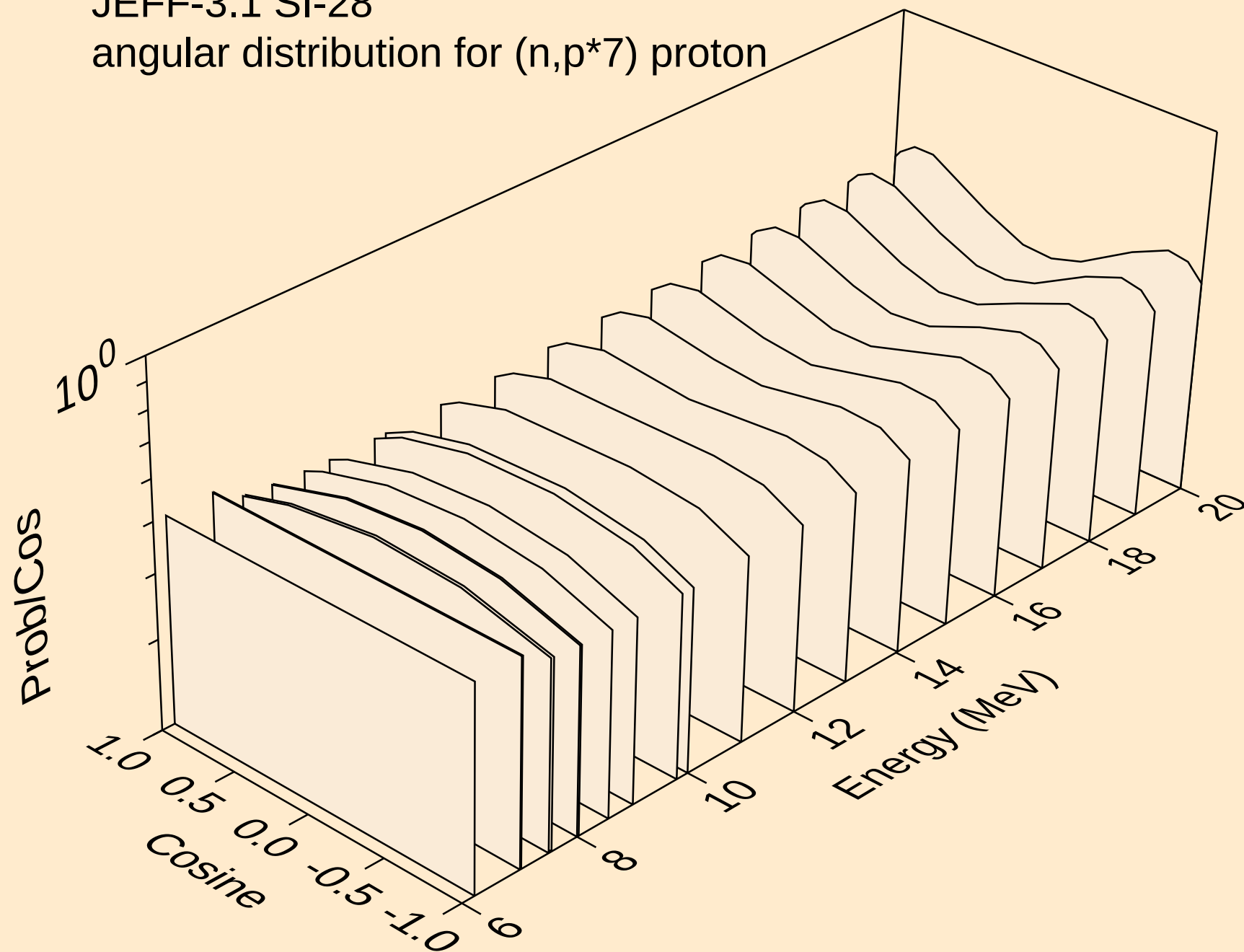
JEFF-3.1 SI-28

angular distribution for (n,p*6) proton



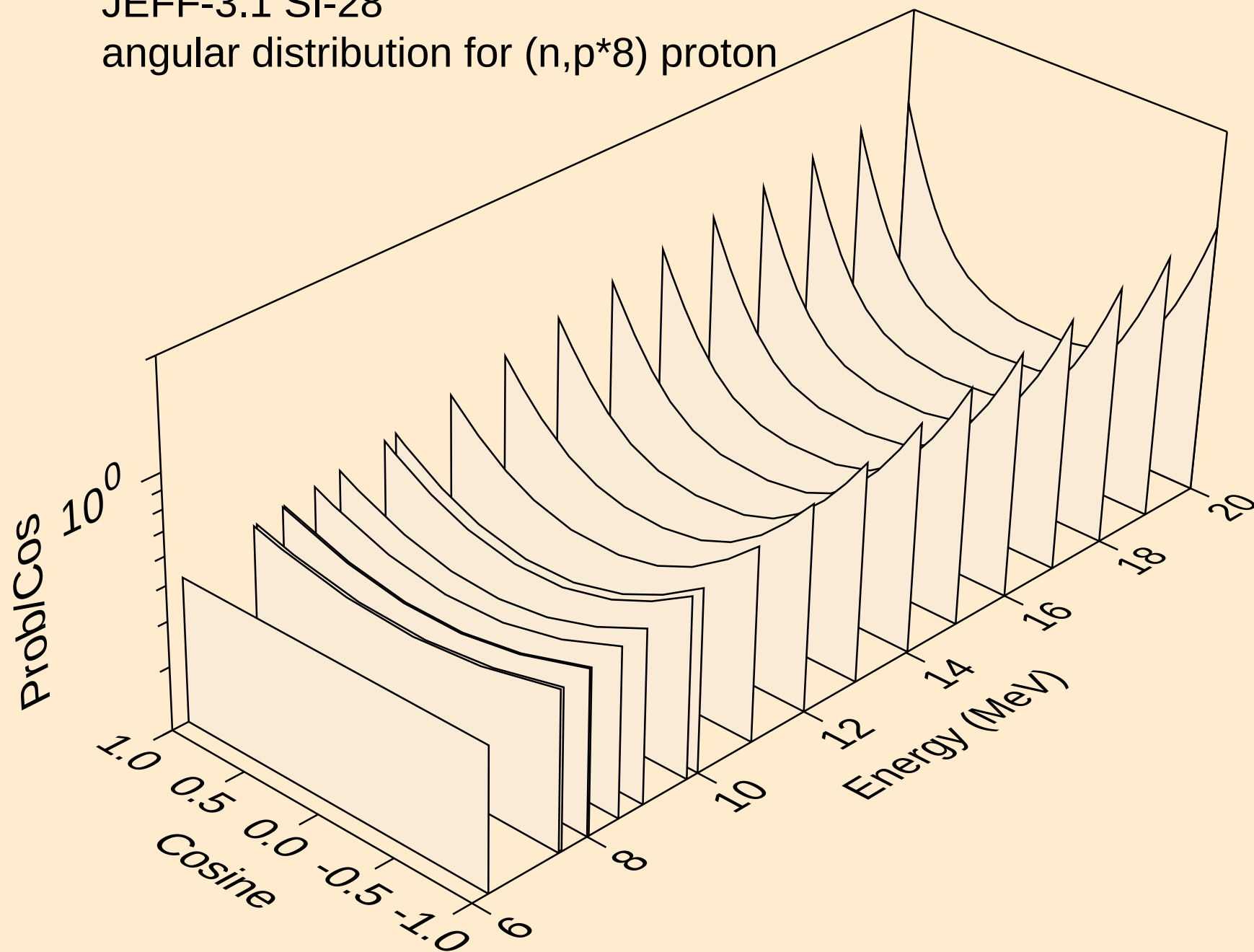
JEFF-3.1 SI-28

angular distribution for (n,p*7) proton



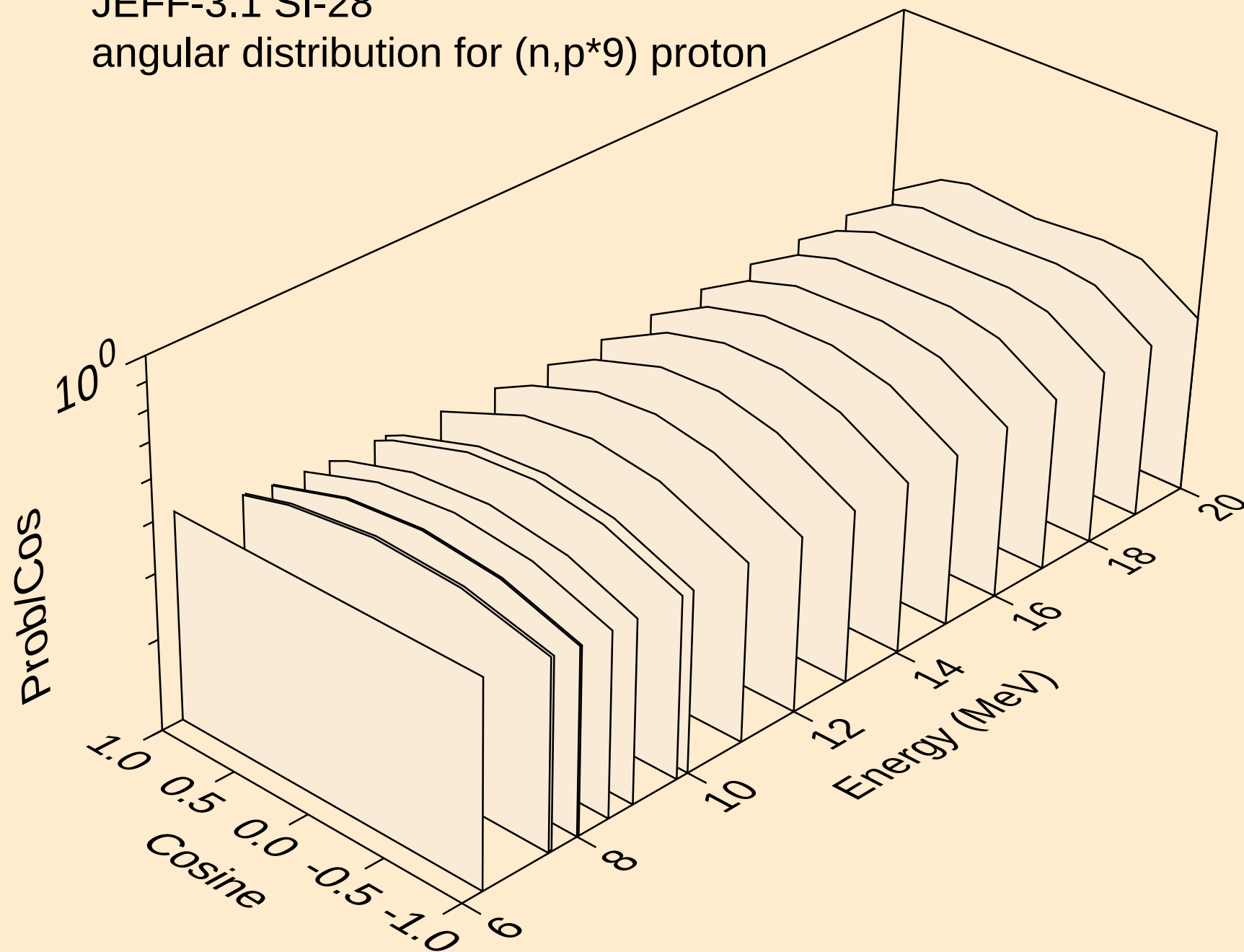
JEFF-3.1 SI-28

angular distribution for (n,p*8) proton



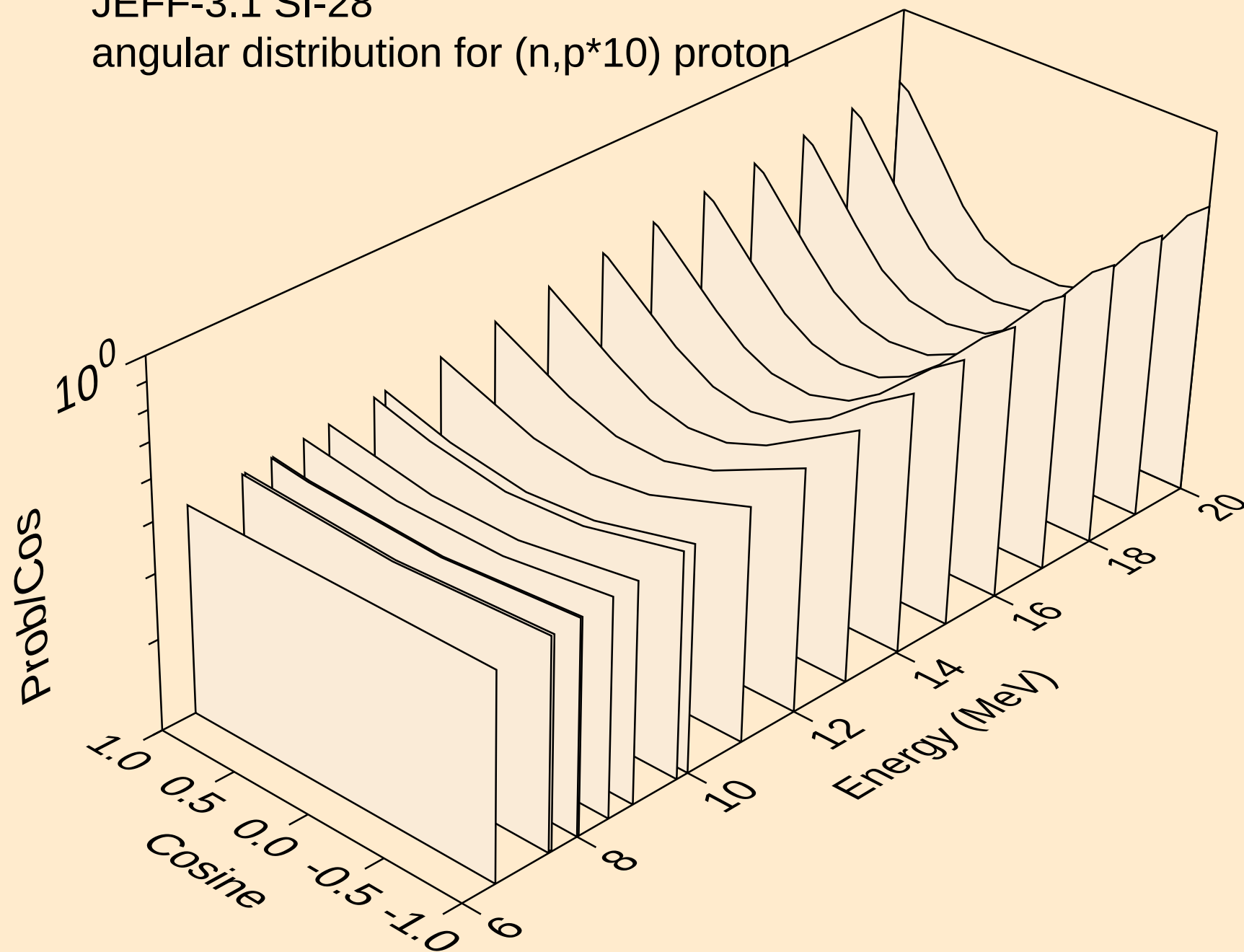
JEFF-3.1 SI-28

angular distribution for (n,p*9) proton



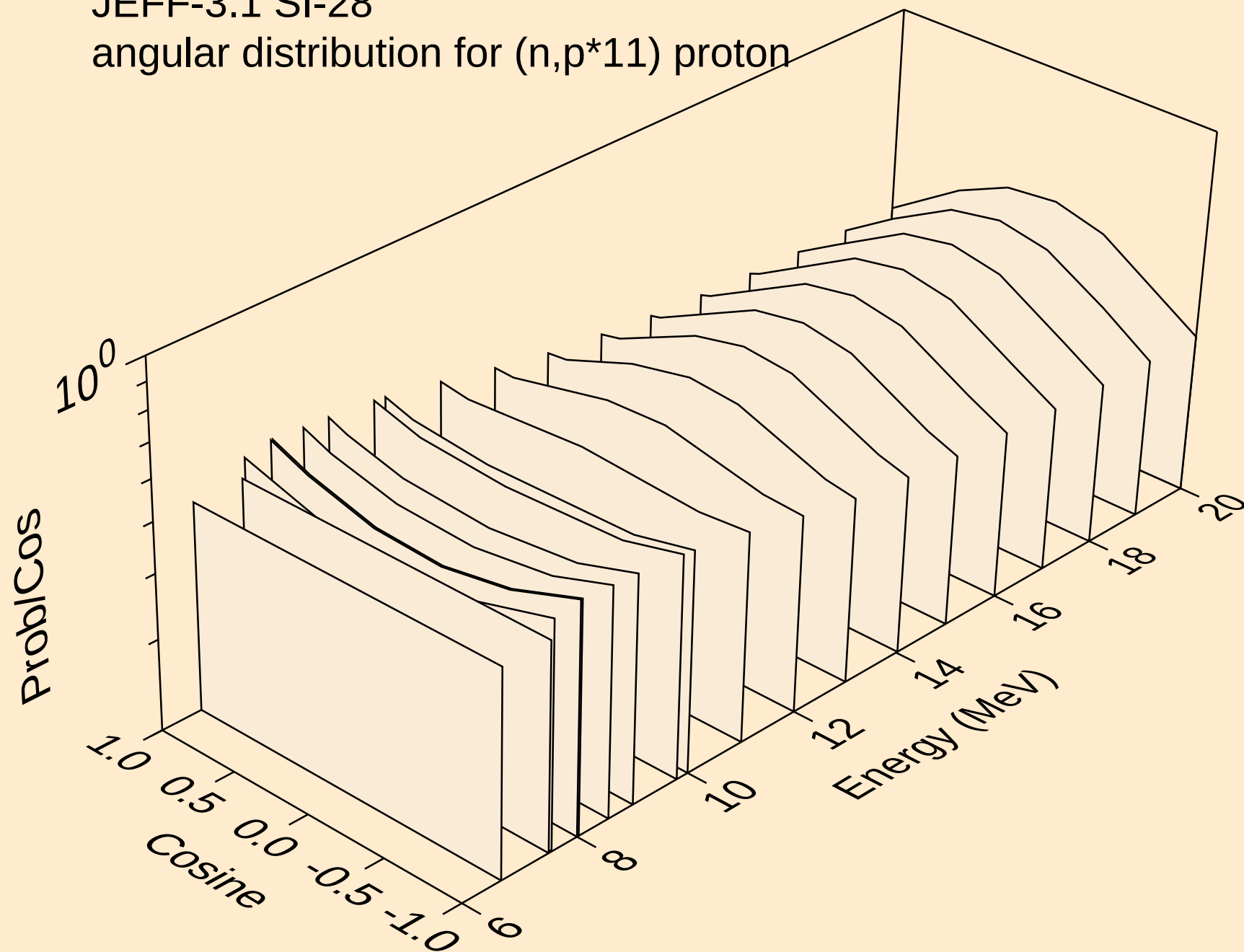
JEFF-3.1 SI-28

angular distribution for (n,p*10) proton



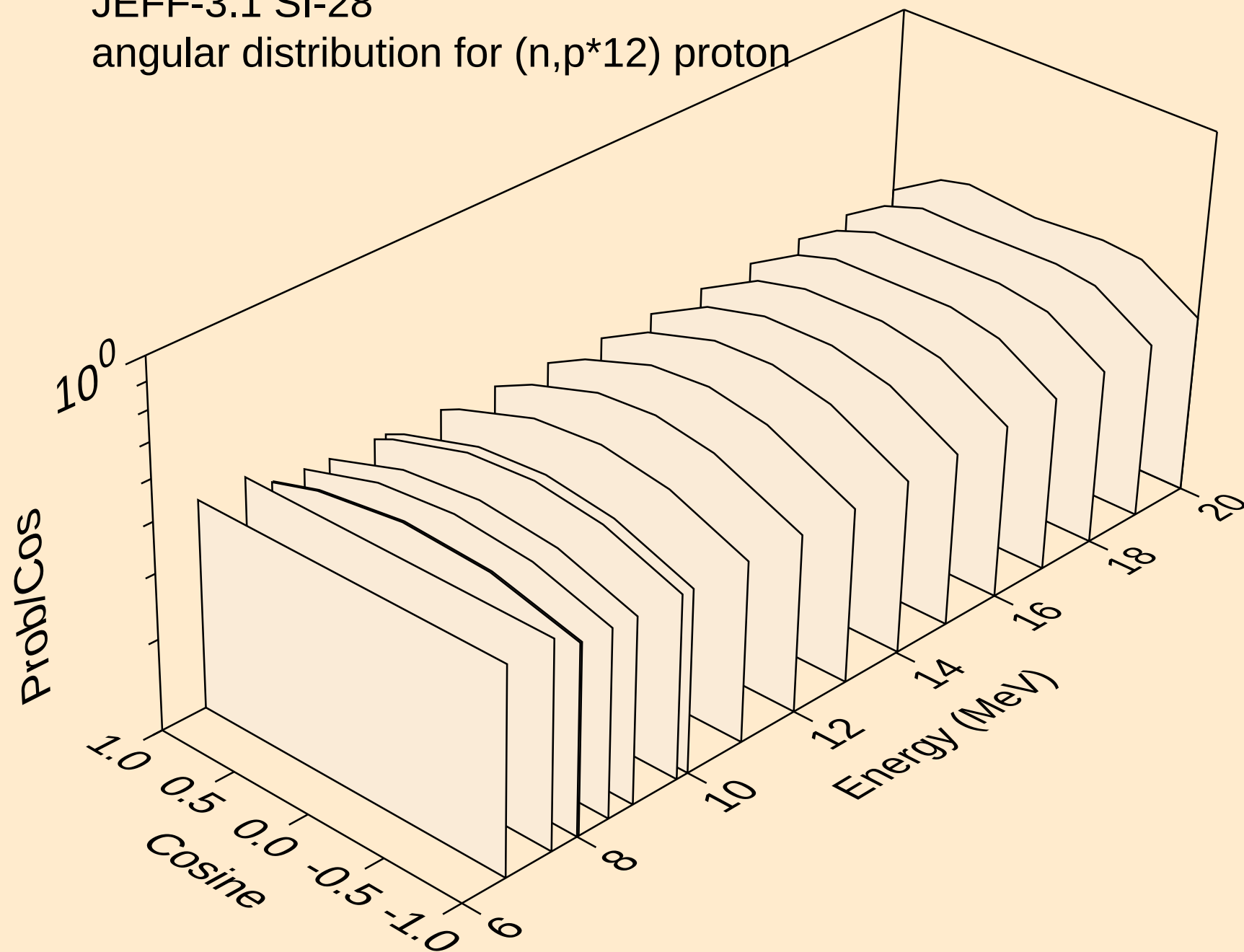
JEFF-3.1 SI-28

angular distribution for (n,p*11) proton



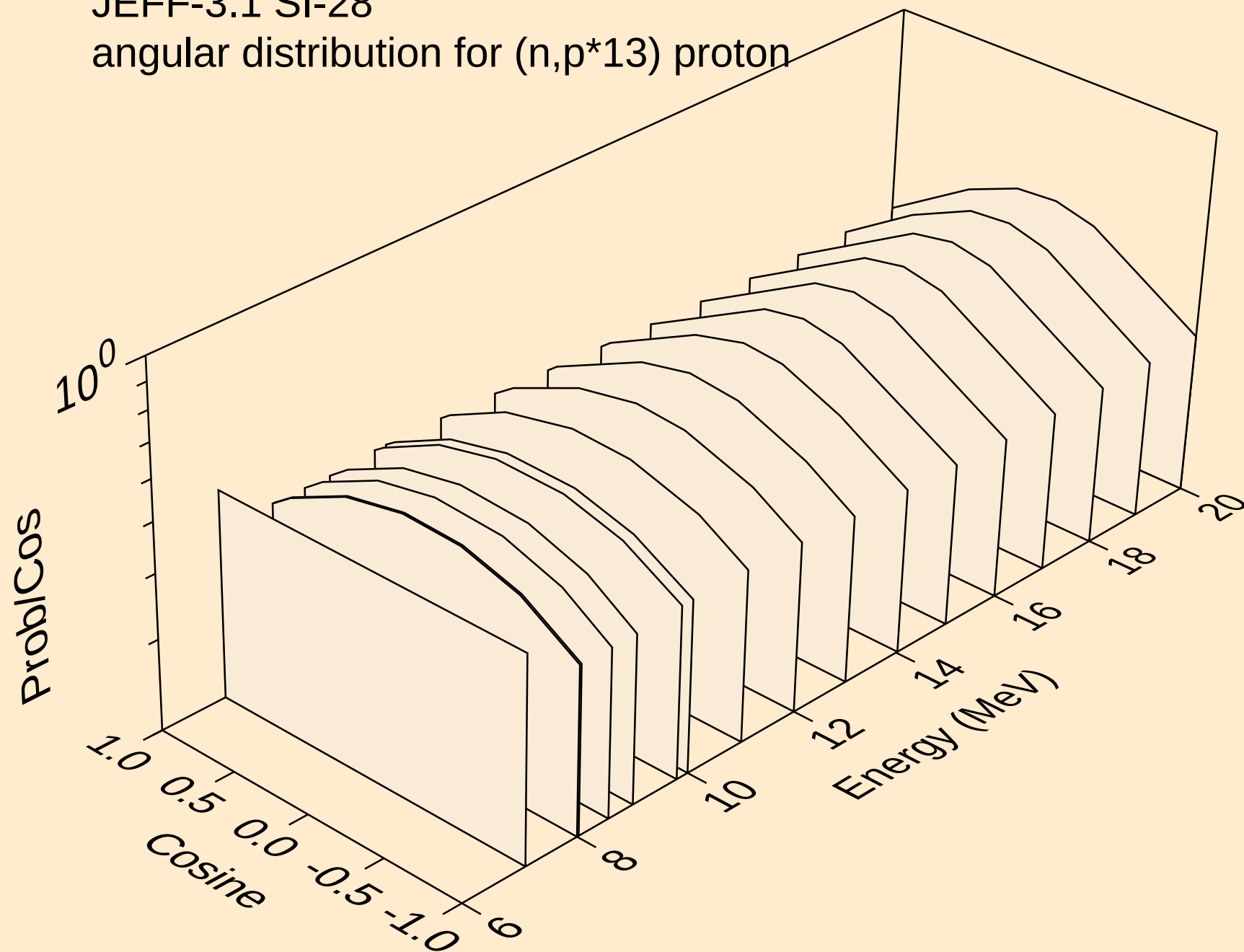
JEFF-3.1 SI-28

angular distribution for (n,p*12) proton

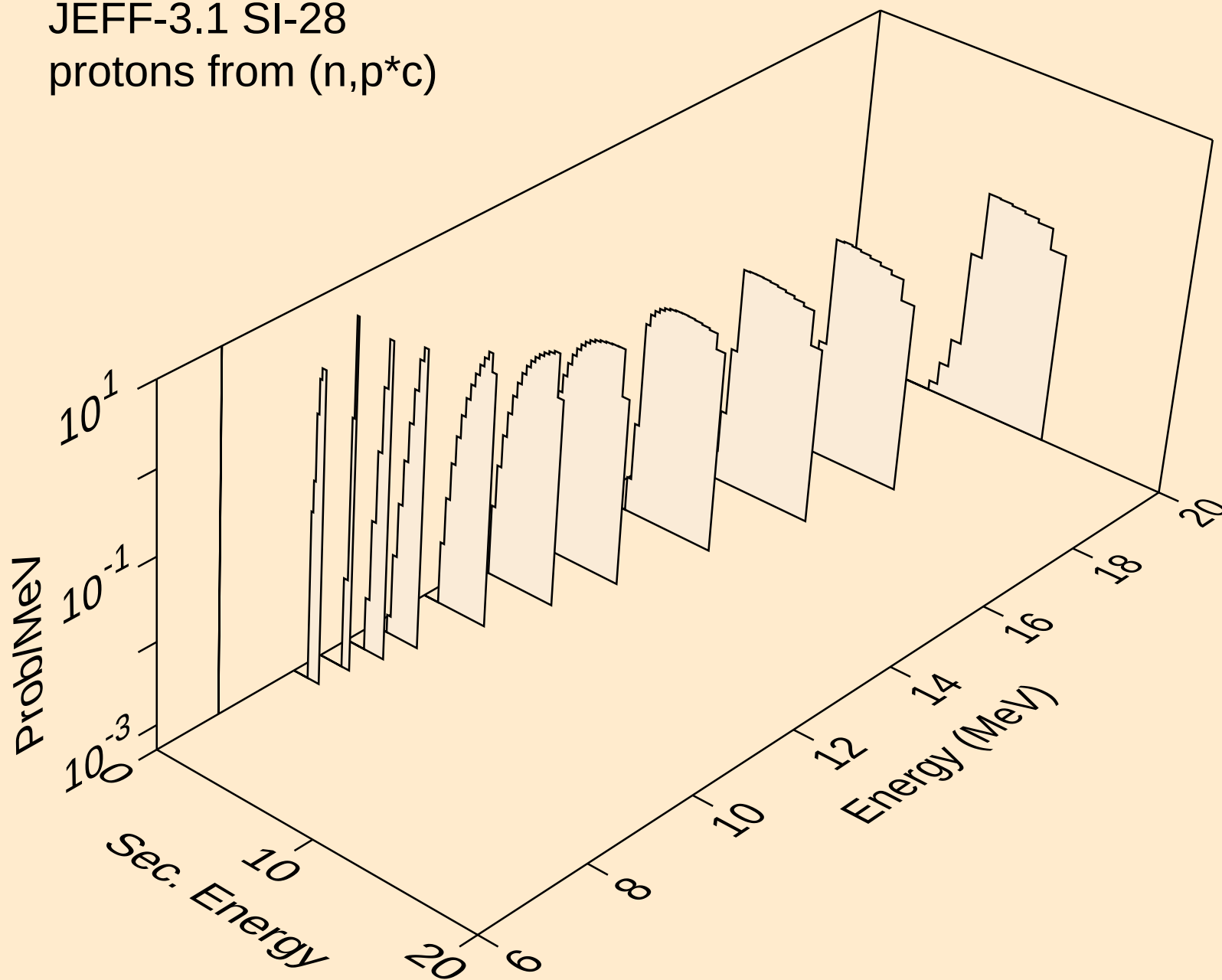


JEFF-3.1 SI-28

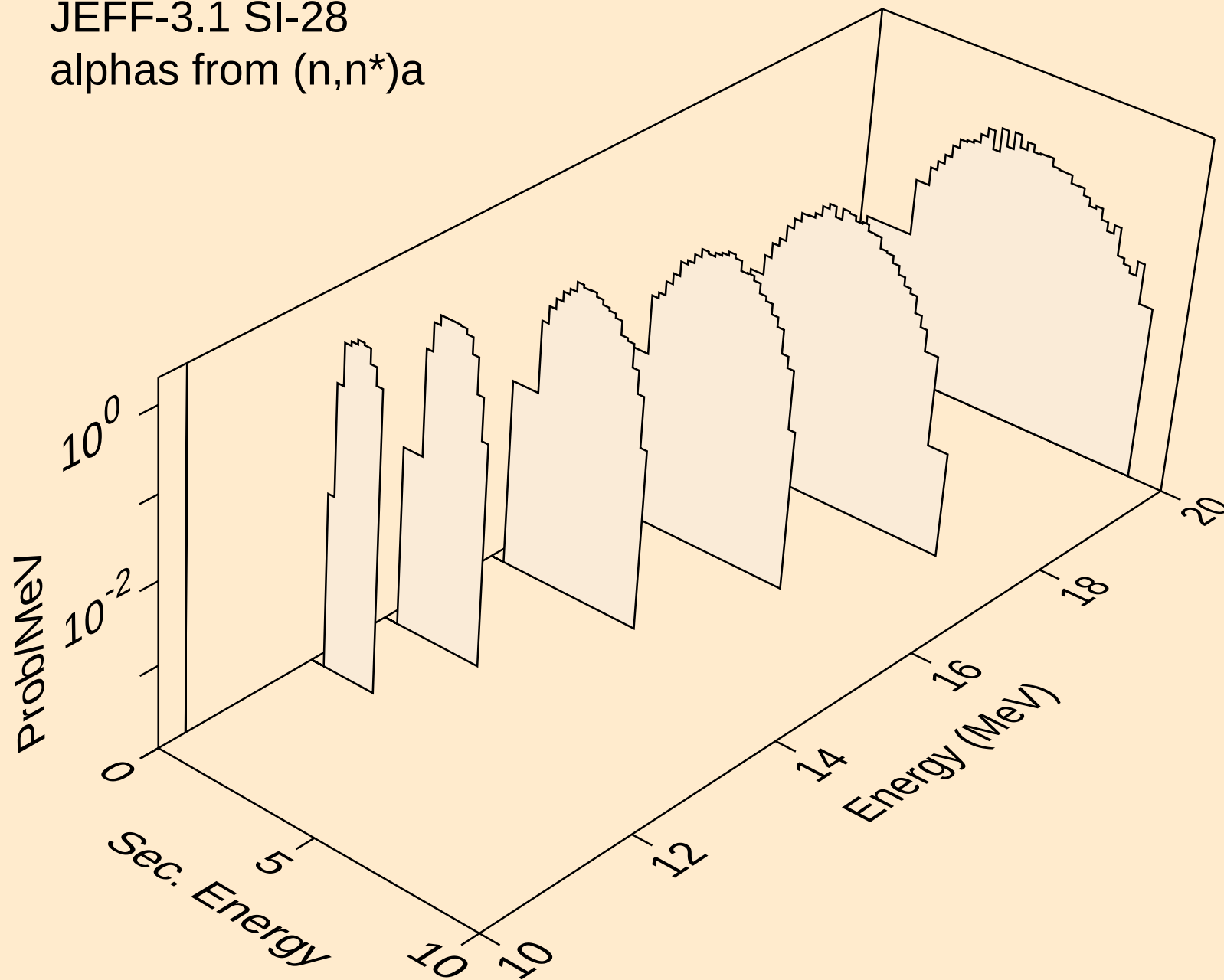
angular distribution for (n,p*13) proton



JEFF-3.1 SI-28
protons from (n,p*c)

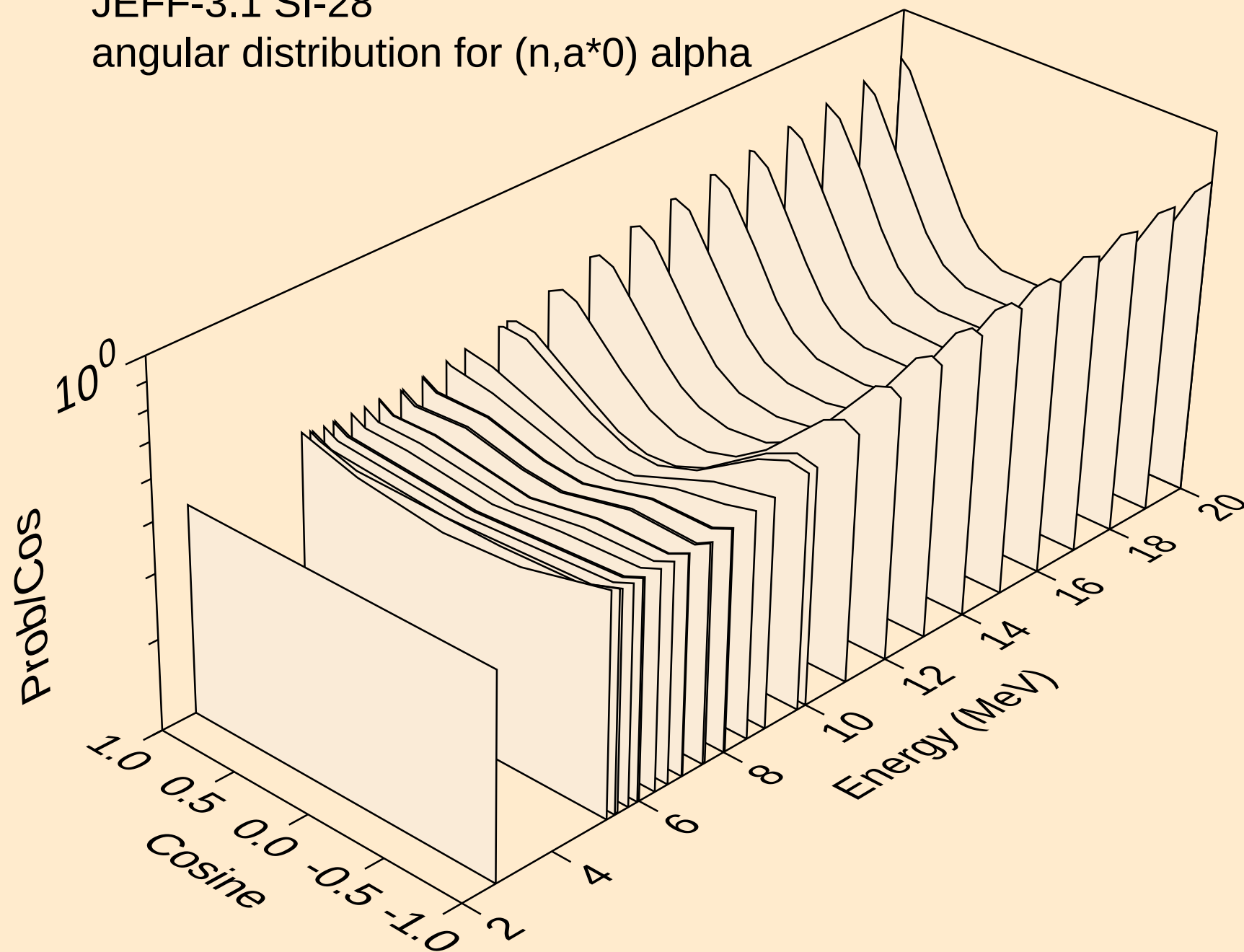


JEFF-3.1 SI-28
alphas from (n,n*)a



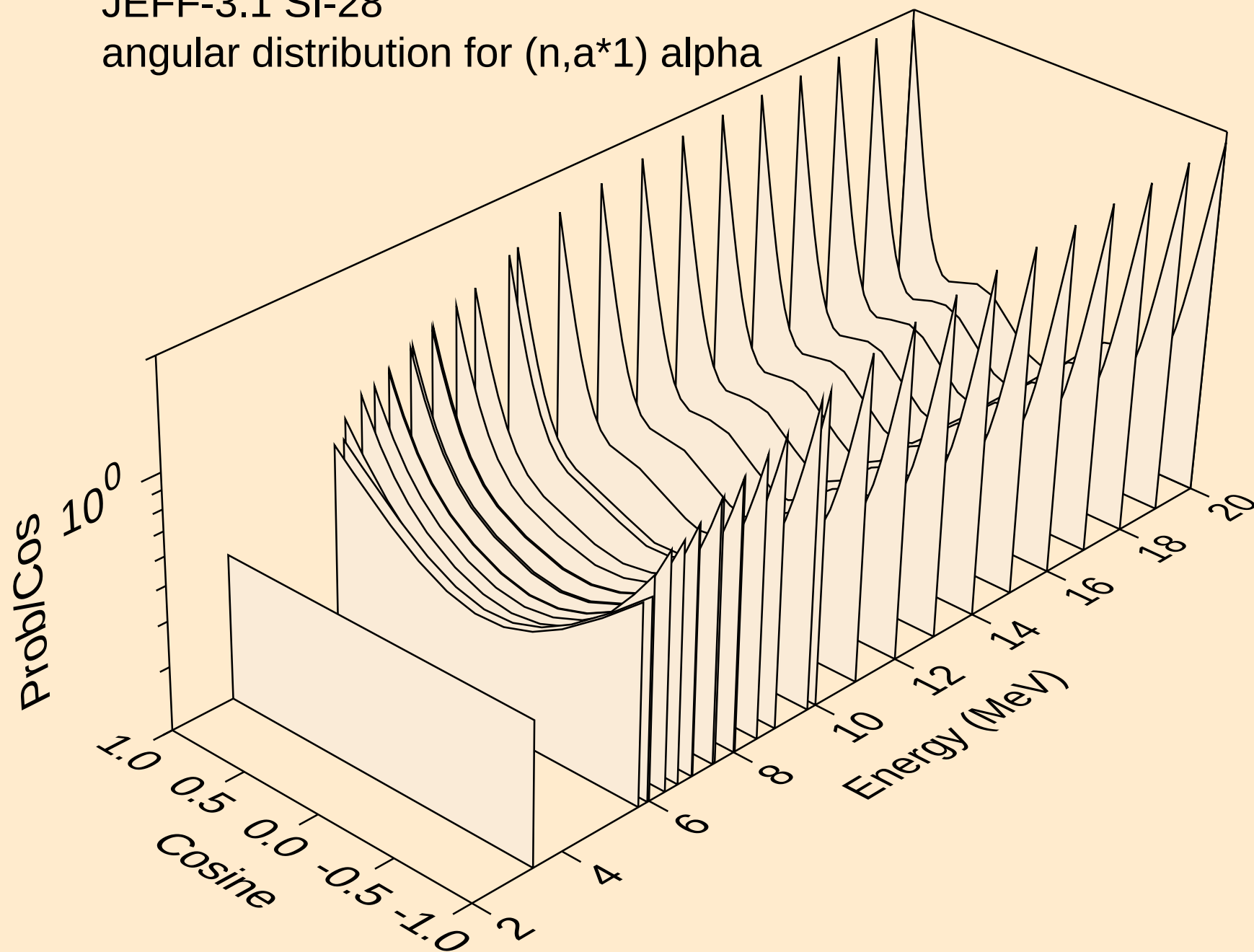
JEFF-3.1 SI-28

angular distribution for (n, α^0) alpha



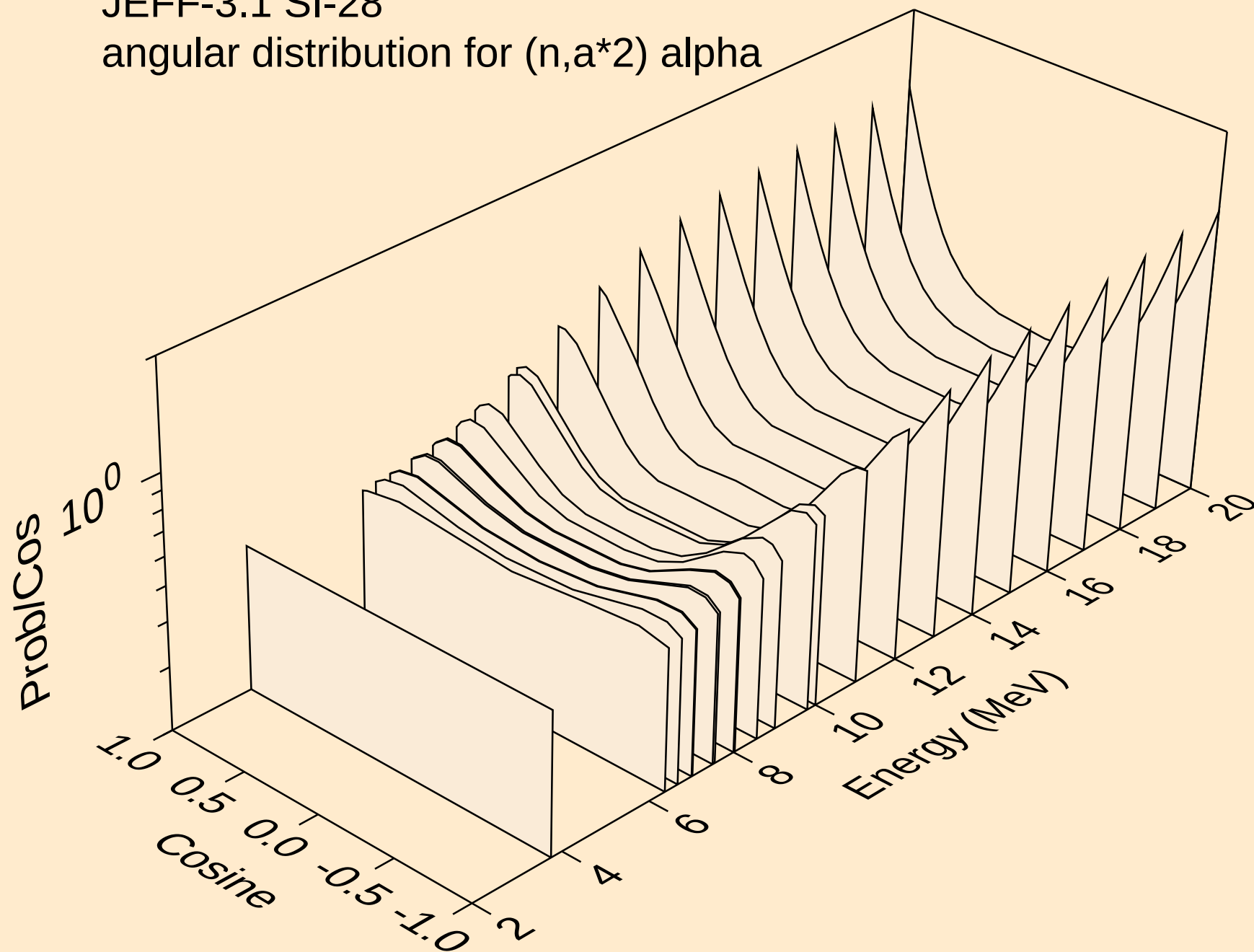
JEFF-3.1 SI-28

angular distribution for (n, α *1) α



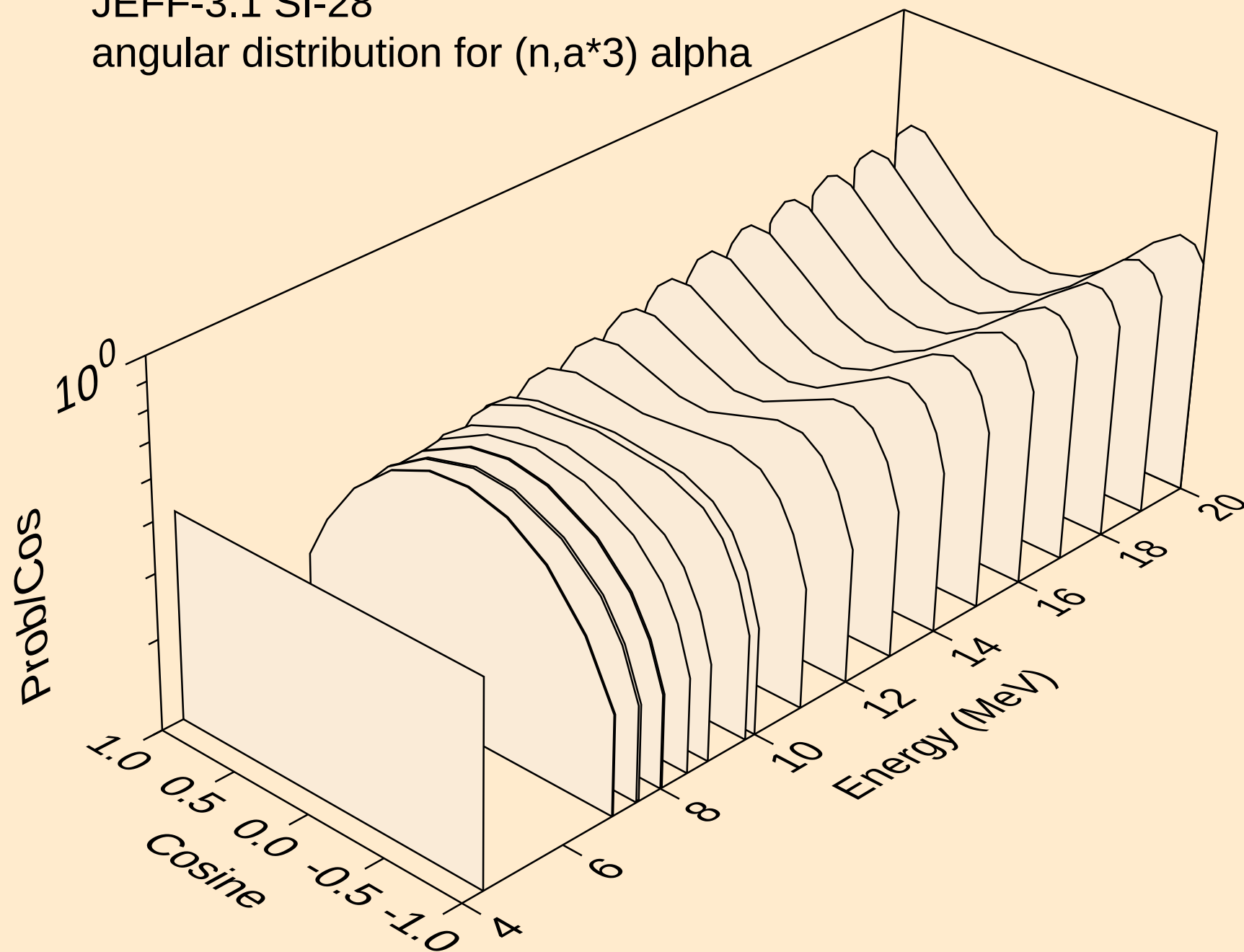
JEFF-3.1 SI-28

angular distribution for (n, α) alpha



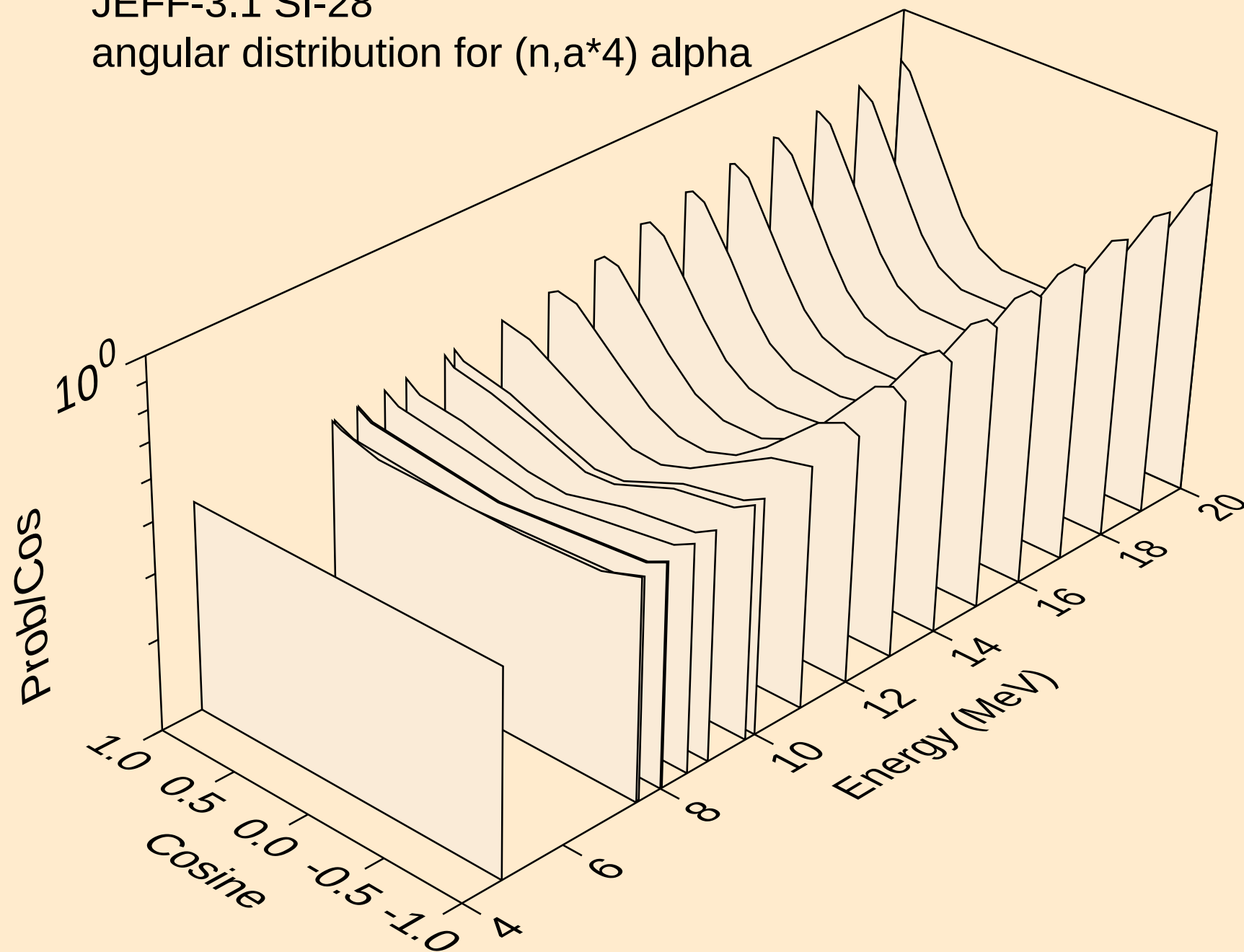
JEFF-3.1 SI-28

angular distribution for (n, α^3) alpha



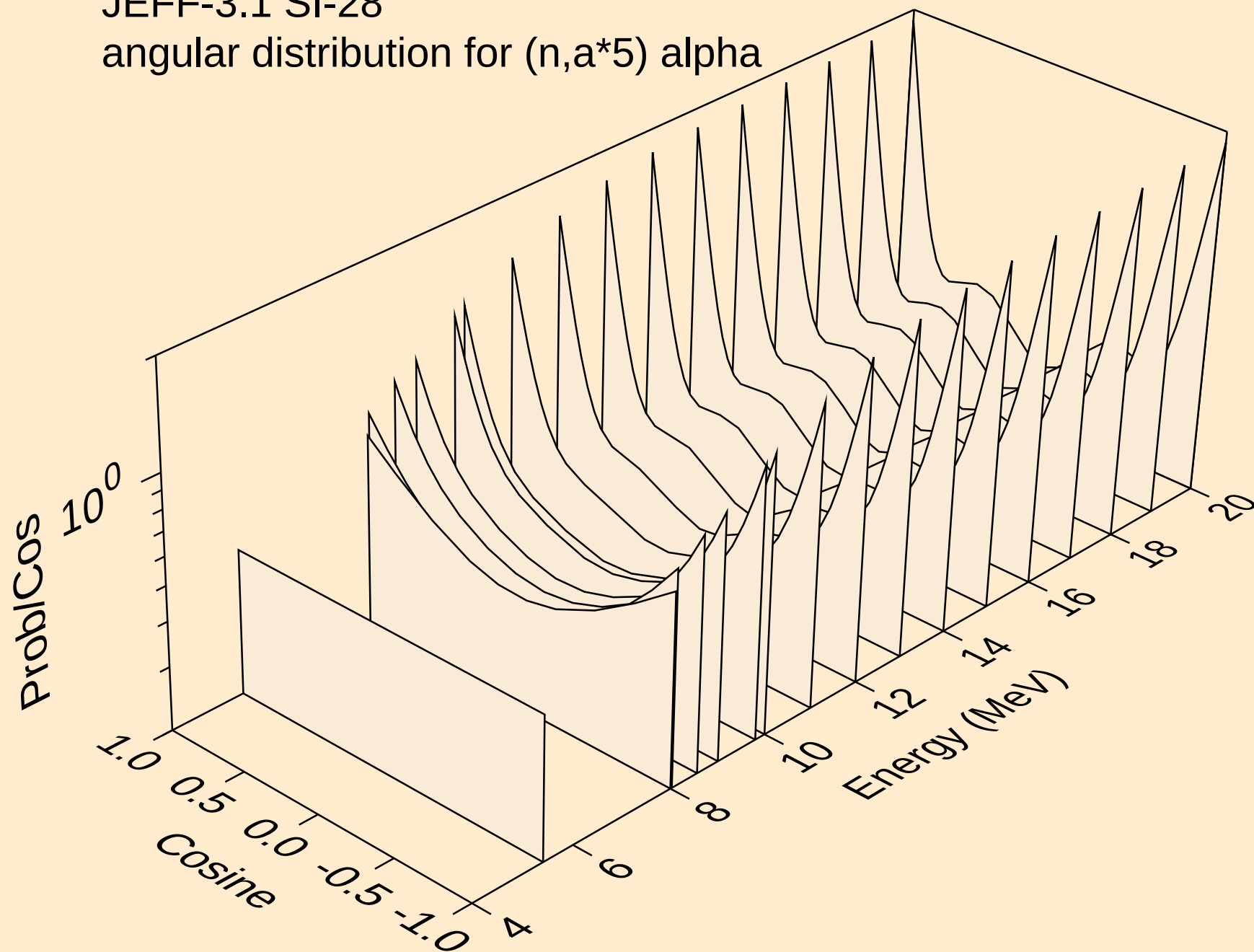
JEFF-3.1 SI-28

angular distribution for (n, α) alpha



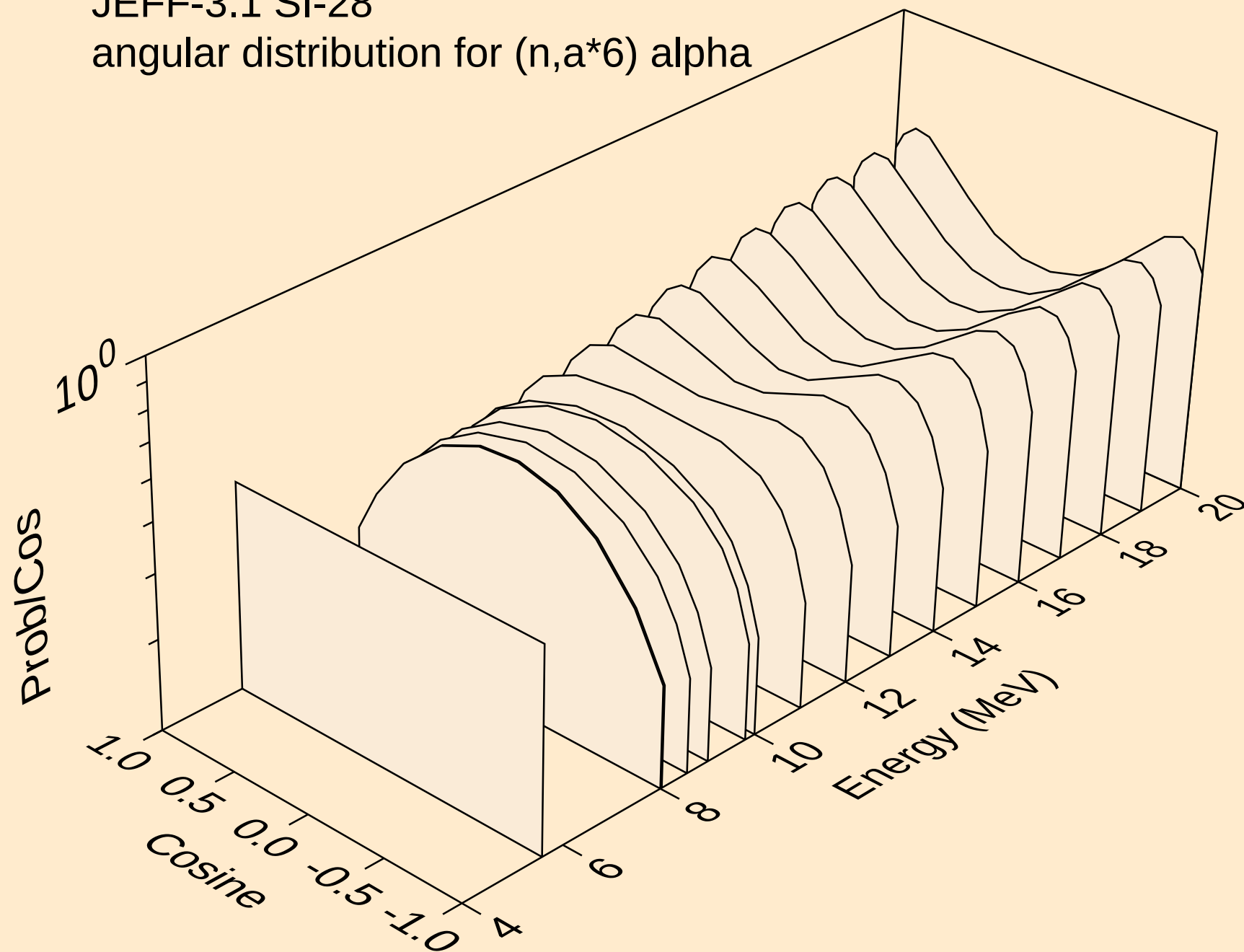
JEFF-3.1 SI-28

angular distribution for (n, α *5) α



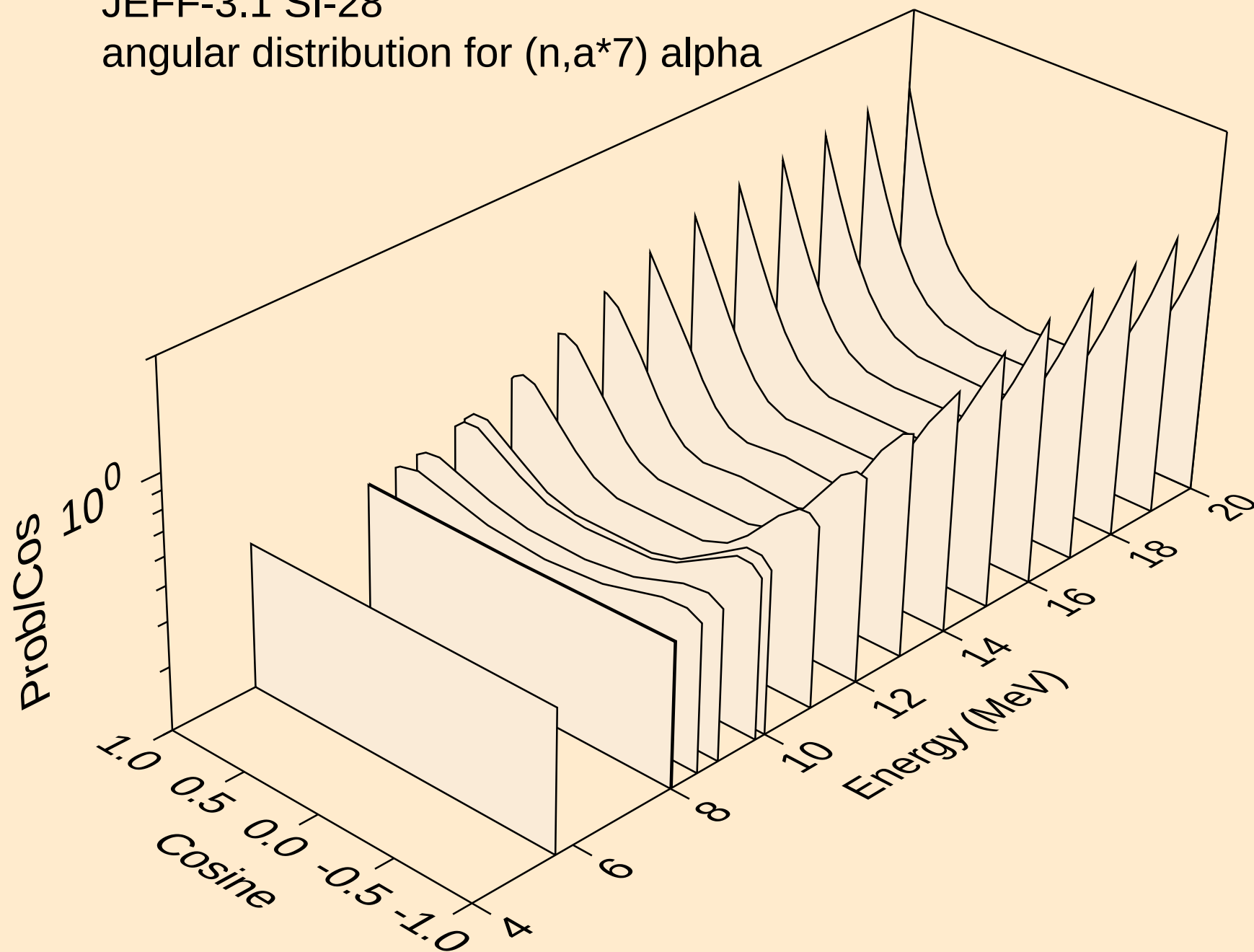
JEFF-3.1 SI-28

angular distribution for (n, α) alpha



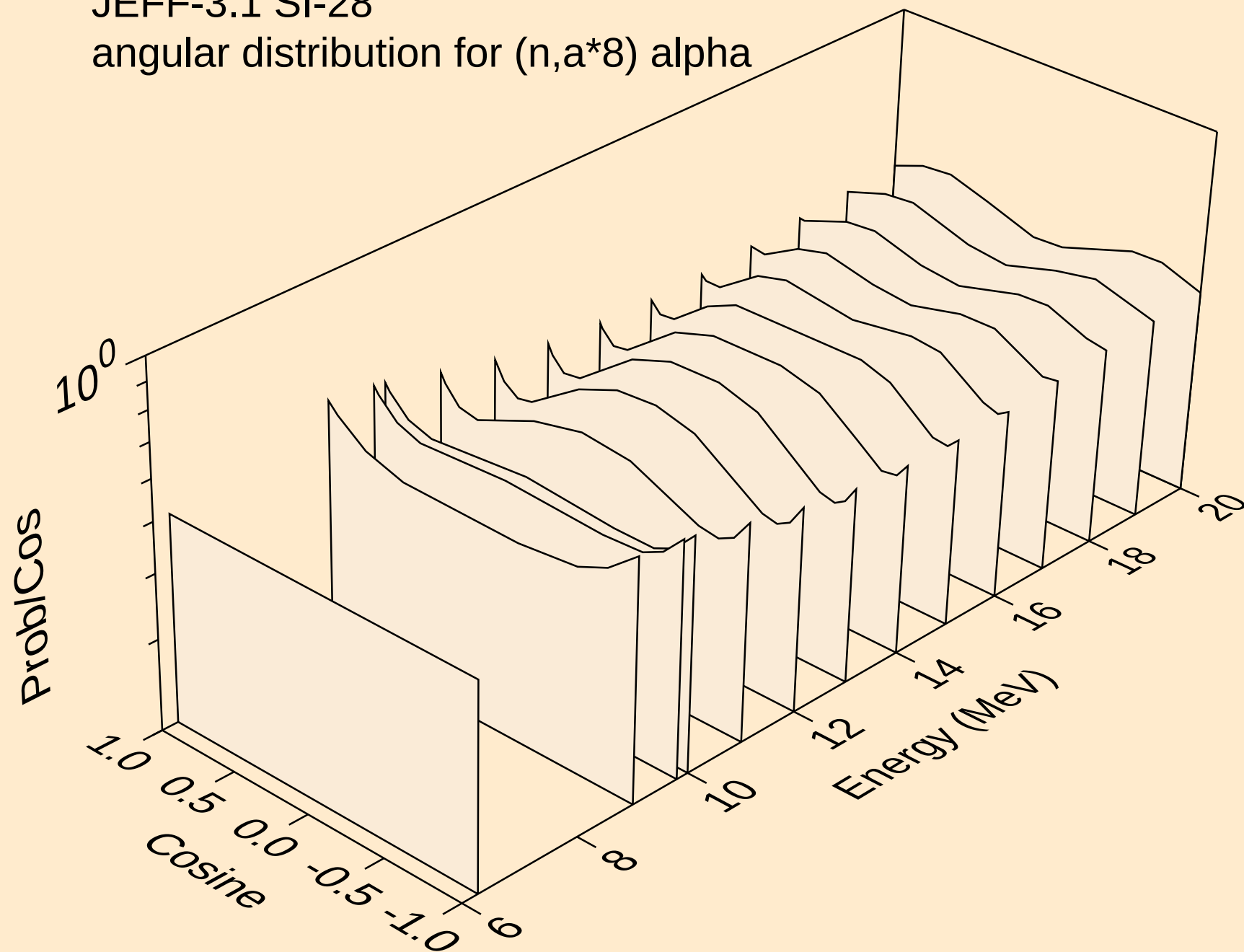
JEFF-3.1 SI-28

angular distribution for (n, α *7) alpha



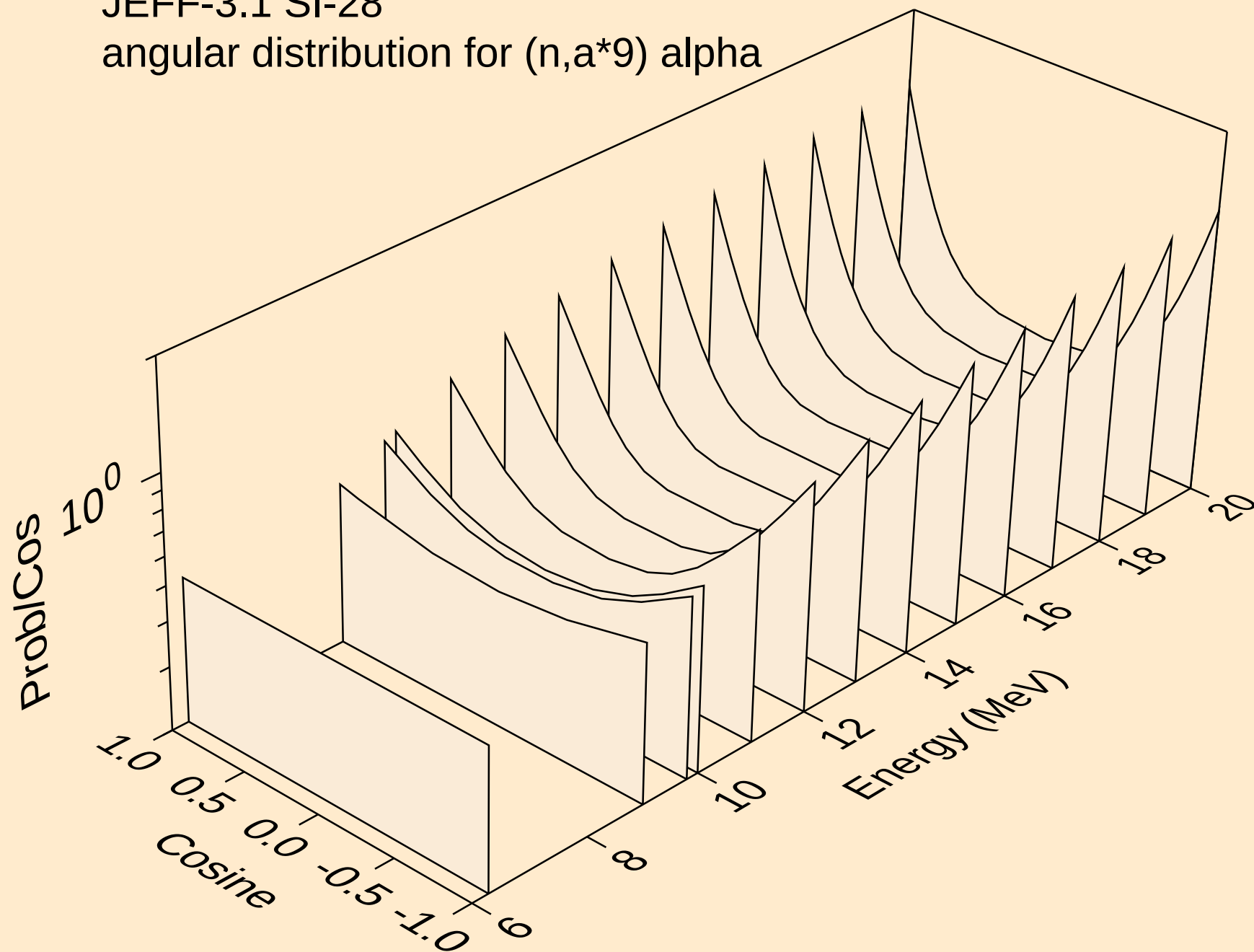
JEFF-3.1 SI-28

angular distribution for (n, α *8) alpha



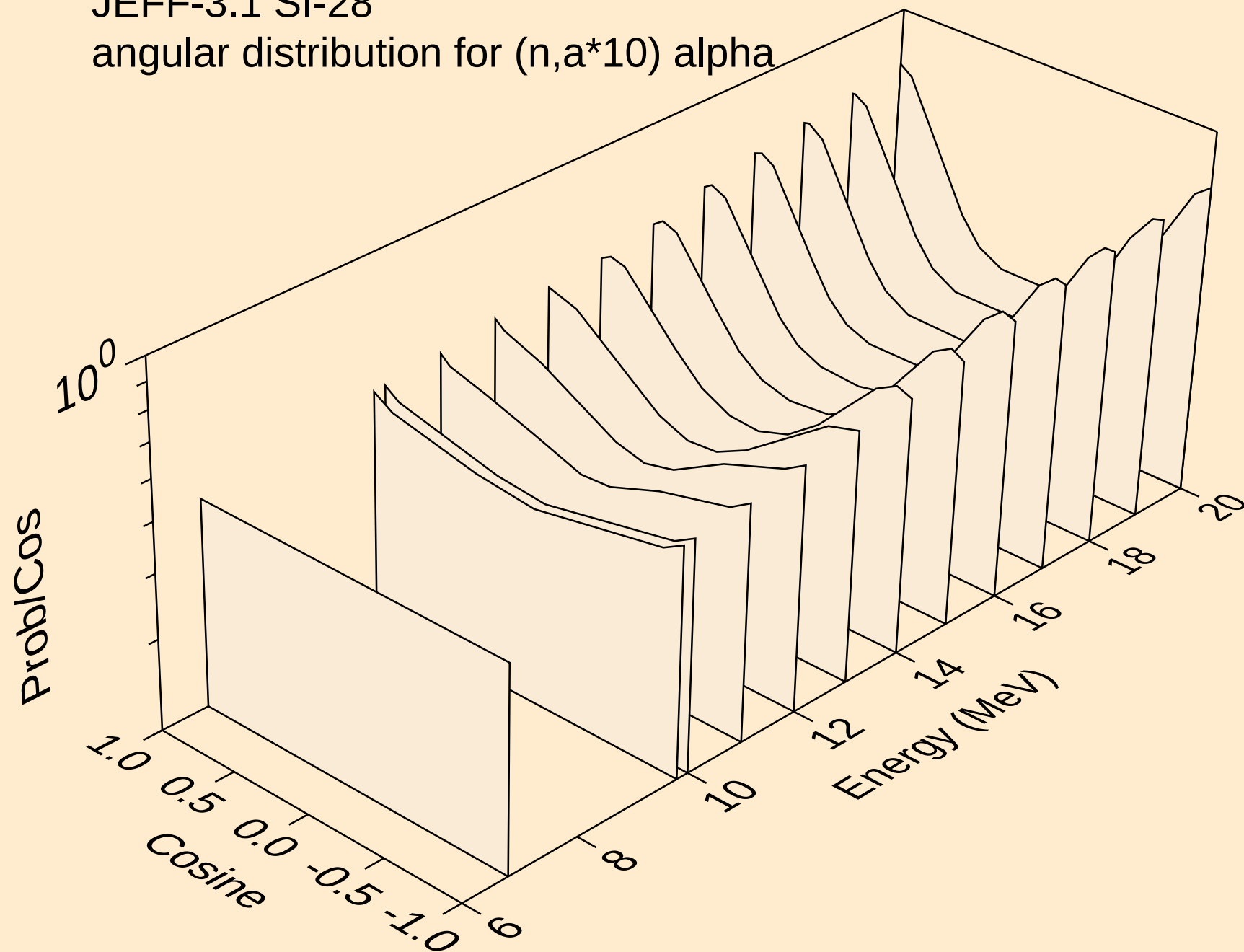
JEFF-3.1 SI-28

angular distribution for (n, α *9) alpha



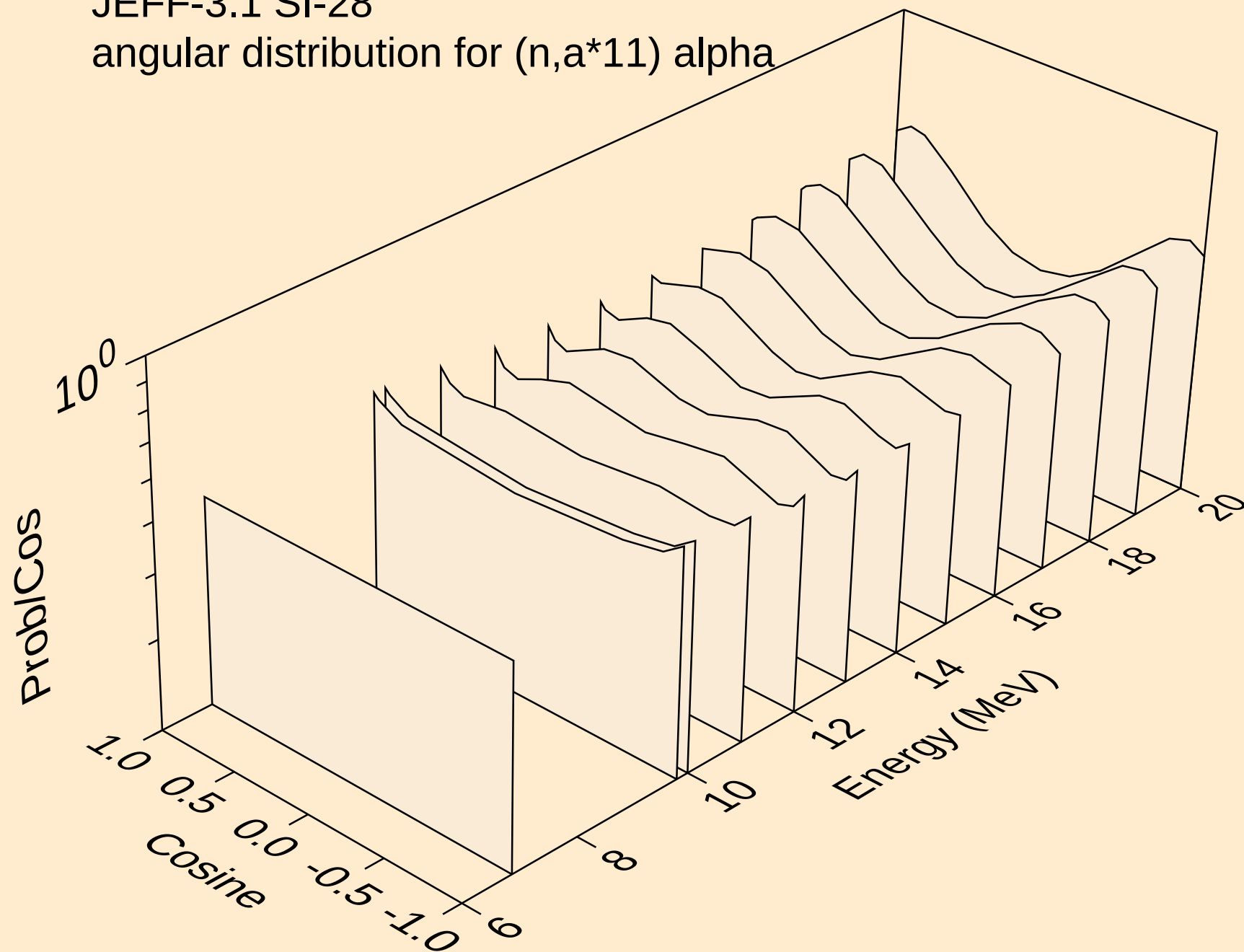
JEFF-3.1 SI-28

angular distribution for (n, α *10) alpha



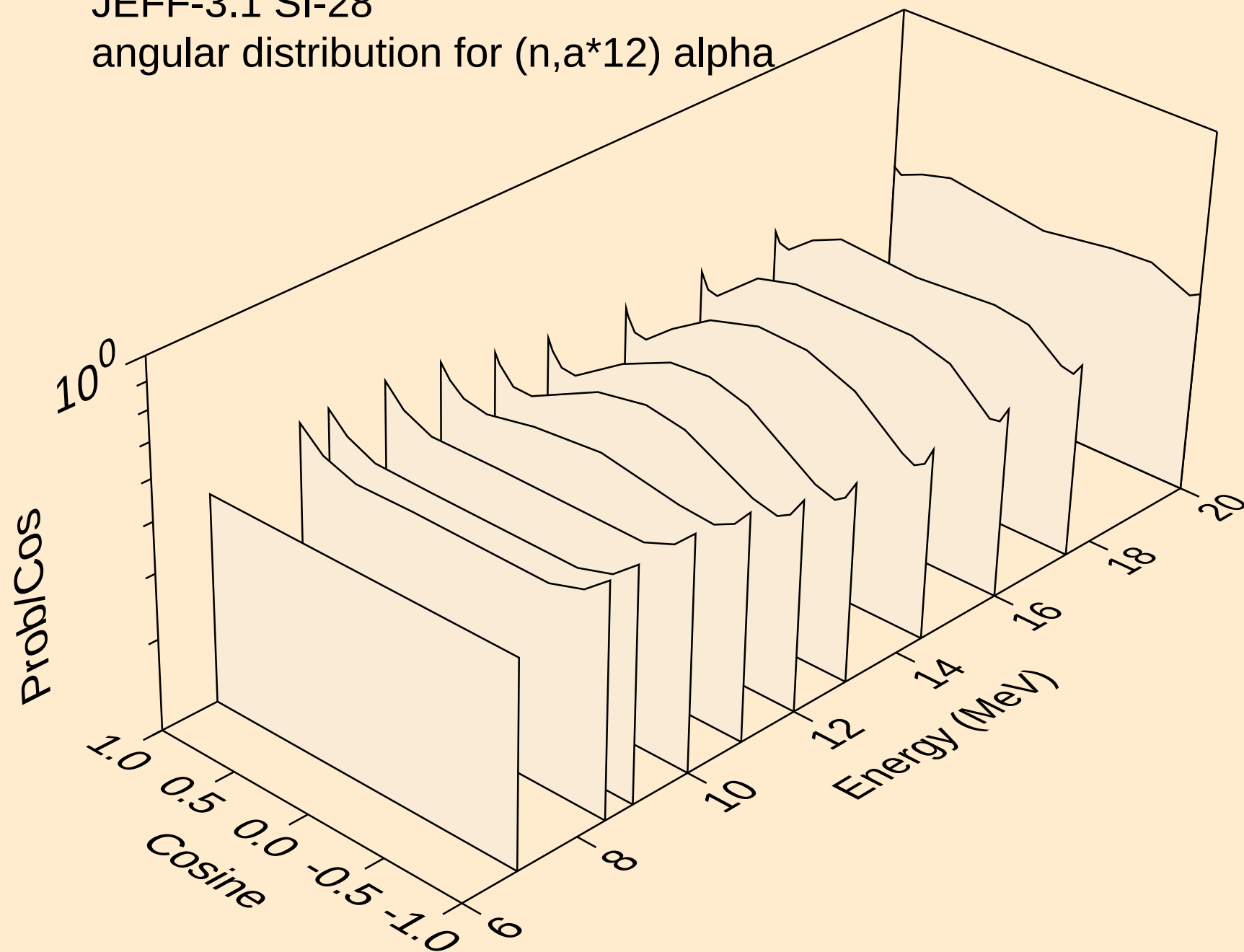
JEFF-3.1 SI-28

angular distribution for (n, α *11) alpha



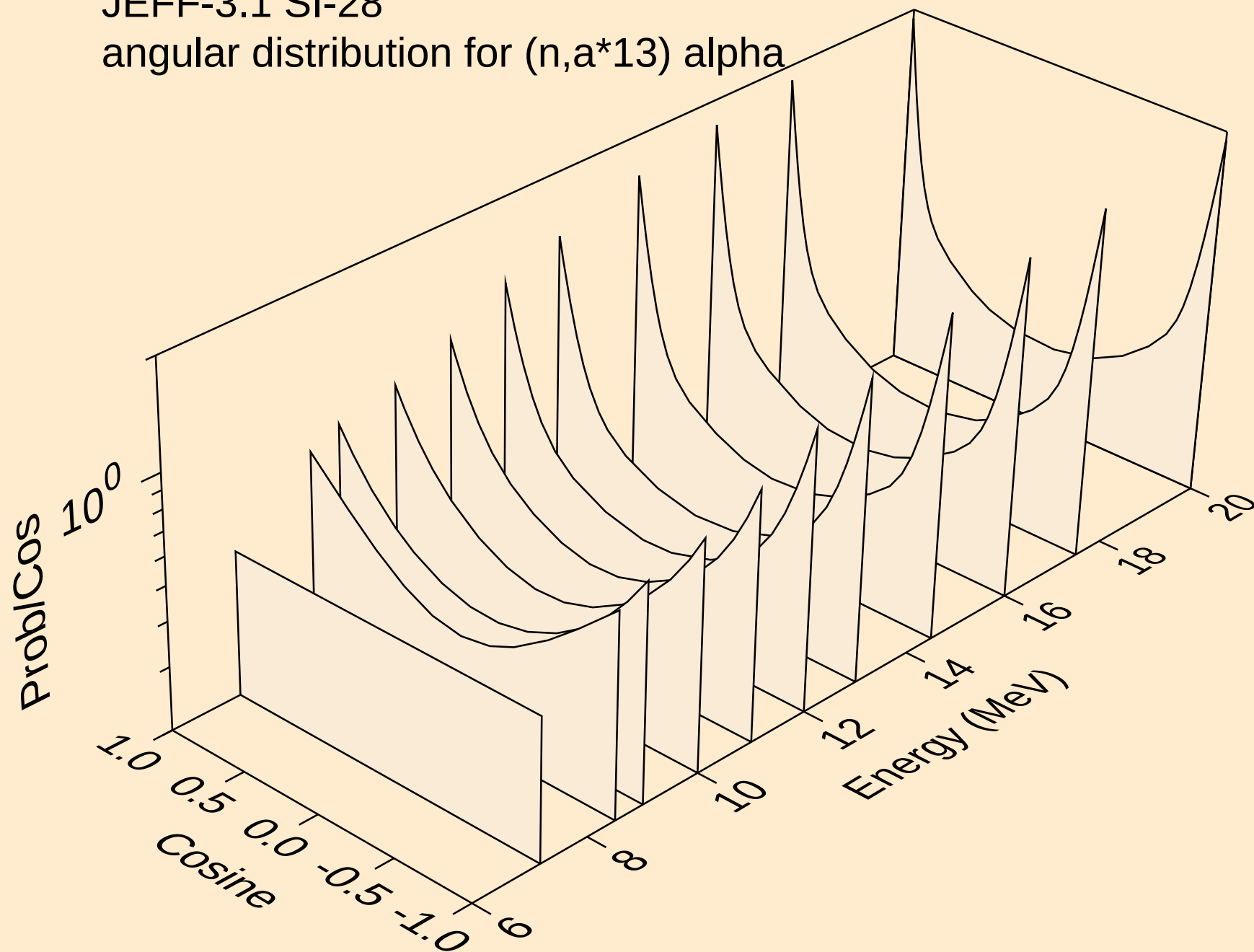
JEFF-3.1 SI-28

angular distribution for (n, α *12) α



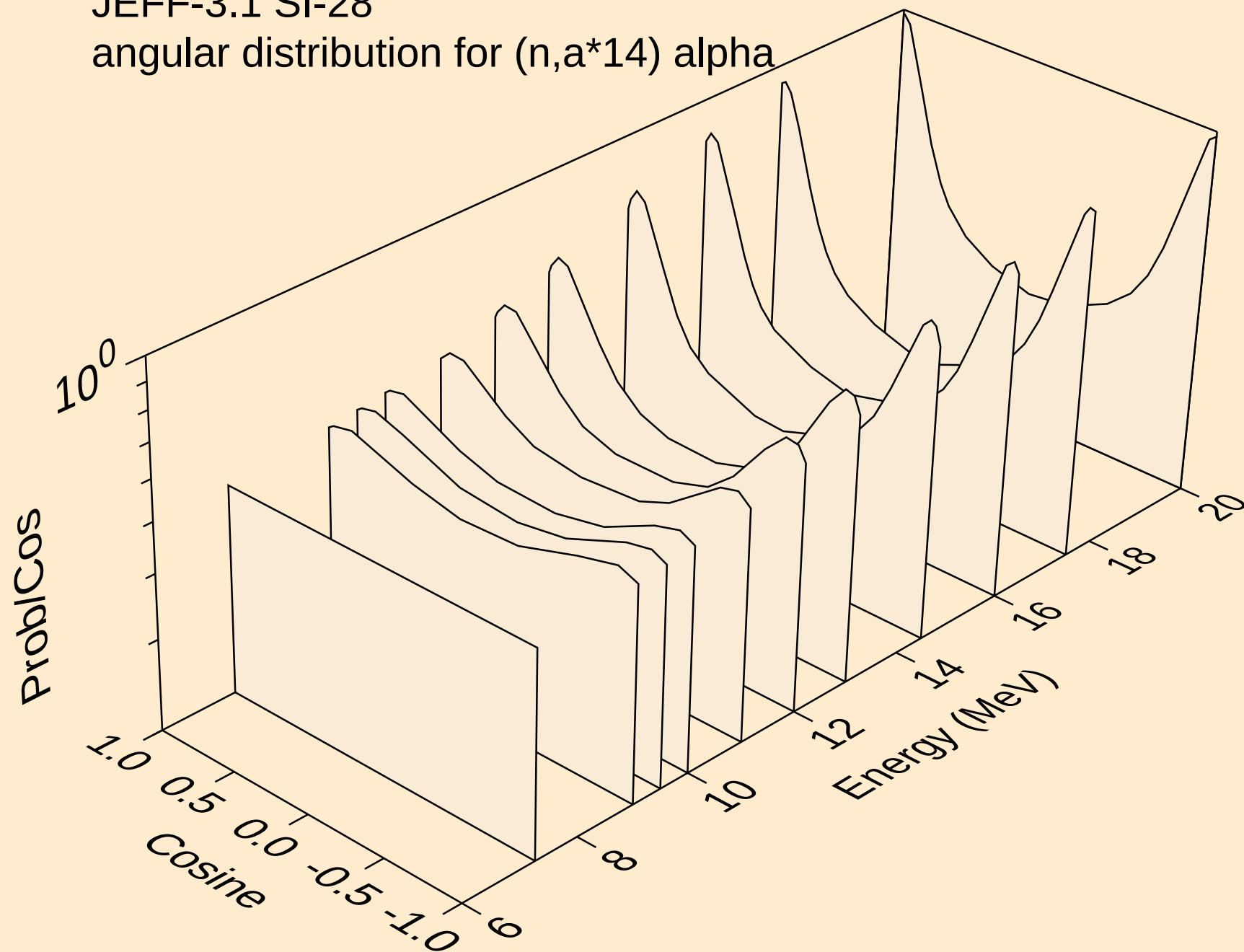
JEFF-3.1 SI-28

angular distribution for (n, α *13) alpha



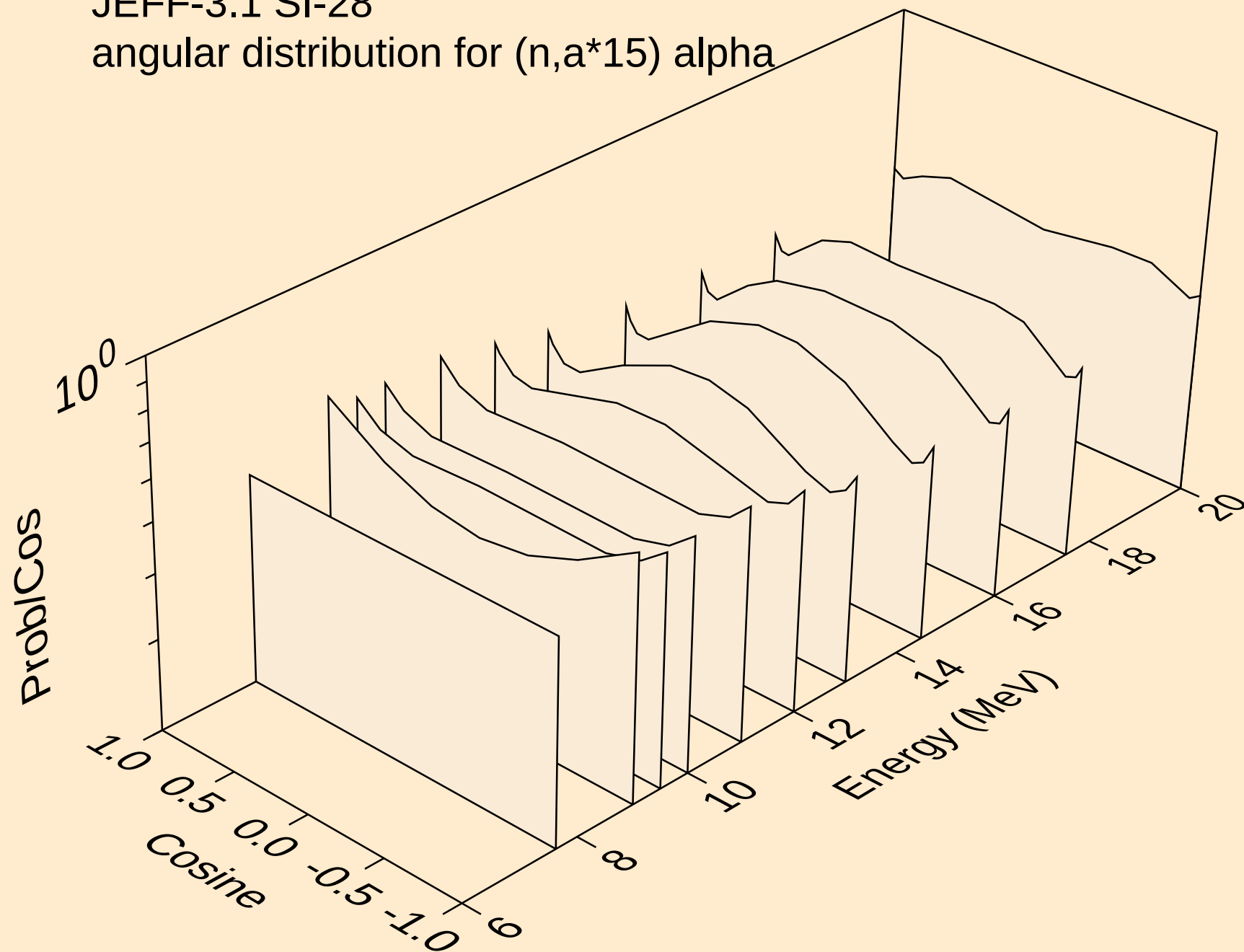
JEFF-3.1 SI-28

angular distribution for (n, α *14) α



JEFF-3.1 SI-28

angular distribution for (n, α *15) alpha



JEFF-3.1 SI-28
alphas from (n,a*c)

