

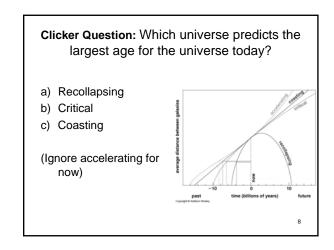
What is the fate of the Universe?

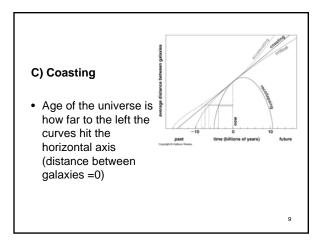
- Recollapse: crushing heat, destruction of all matter, ?rebirth?
- Eternal expansion: cold, galaxies dimming
 - star formation slowing
 - everything winds up as a brown dwarf, black dwarf, neutron star or black hole

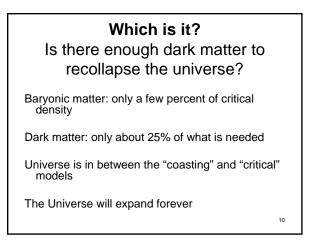
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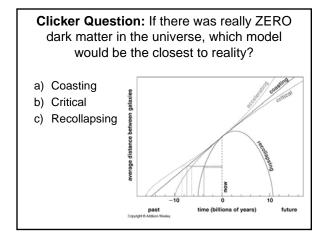
Some say the world will end in fire Some say with ice From what I've tasted of desire I hold with those who favor fire But if I had to perish twice I think I know enough of hate To say that for destruction ice Is also great And would suffice

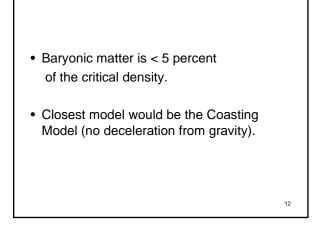
-- Robert Frost











A New Twist for the 21st Century

- White dwarf supernovae: standard candles at z~1
- Explosions bright enough to see very far away

