

$$a_0 = 0.2; \Omega_r = 0$$

 $\rho_{tot}/\rho_{crit,0}$

- $\Omega_M = 1; \Omega_{DE} = 0; flat$
- $\Omega_M = 0.3; \Omega_{DE} = 0.7; w = -1; flat$
- $\Omega_M = 0.3; \Omega_{DE} = 0.7; w = -2/3; flat$
- $\Omega_M = 0.3; \Omega_{DE} = 0.7; w = -4/3; flat$
- $\Omega_M = 2.0; \Omega_{DE} = 0.; w = 0.; + curvature$
- $\Omega_M = 0.3; \Omega_{DE} = 0.; w = 0.; - curvature$
- Today

 $t (Gyr)$
