





AS 5002





Star Formation & Plasma Astrophysics



- Hyades (600 Myr):
 - no high- Ω tail among G or K stars - some residual rapid rotation among M dwarfs
- Field stars (up to 10 Gyr): - Wide range of rotation rates
- P_{rot} increases with age.

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- Present "best-buy" explanation:
 - Pre-main sequence evolution determines initial distribution. - Subsequent spindown via magnetically-channelled wind.
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a Persei (50 Myr)

Pleiades (70 Mvr)

Hvades (600 Mvr)

v sin i (km/sec)





