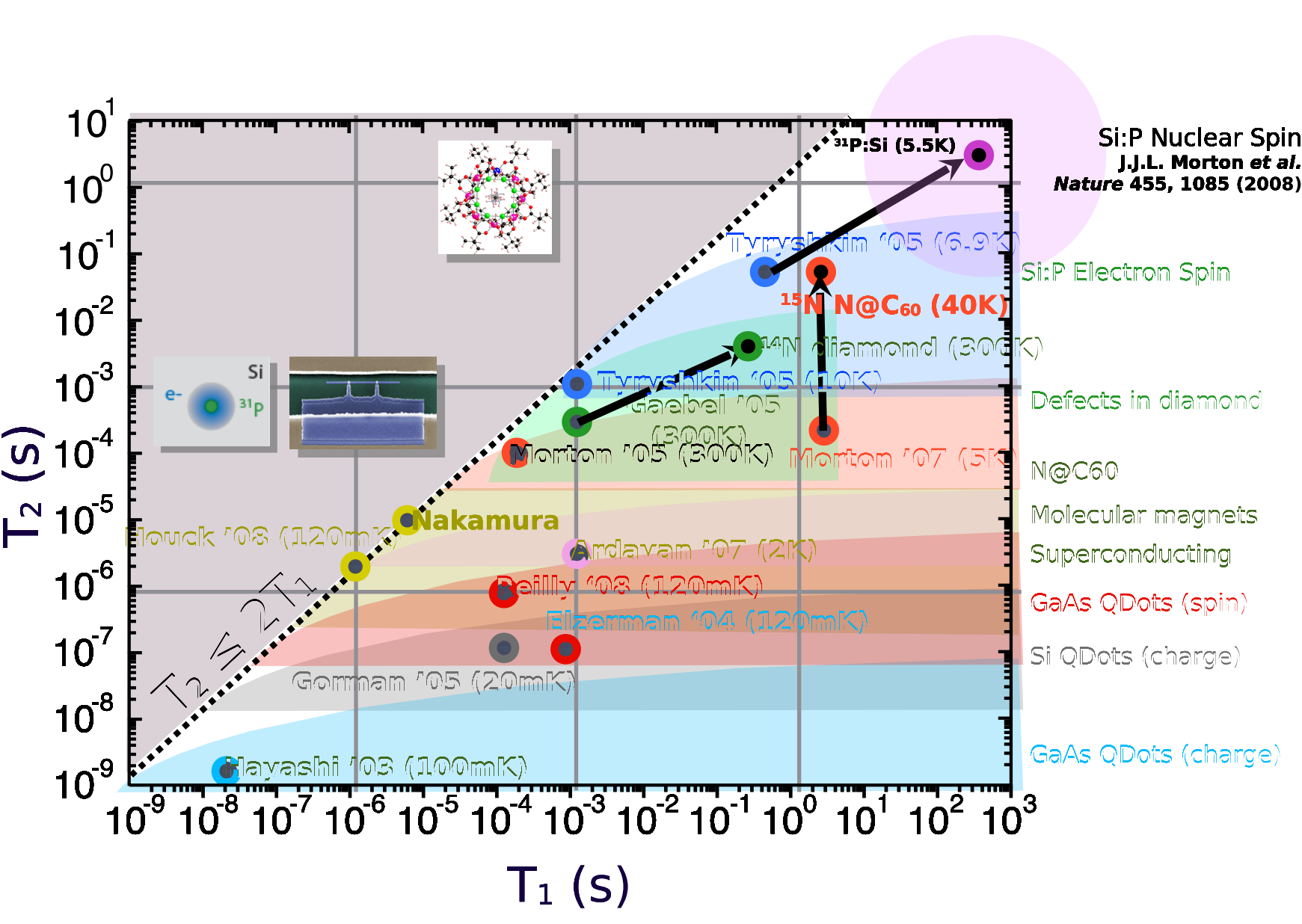

Si:P Nuclear Spin
J.J.L. Morton et al.
Nature 455, 1085 (2008)
31P:Si (5.5K)
Tyryshkin '05 (6.9K)
Si:P Electron Spin
15N N@C60 (40K)
14N diamond (300K)
Tyryshkin '05 (10K)
Gaebel '05 (300K)
Defects in diamond
Morton '05 (300K)
Morton '07 (5K)
N@C60
Molecular magnets
Nakamura
Jouck '08 (120mK)
Ardavan '07 (2K)
Superconducting
Reilly '08 (120mK)
GaAs QDots (spin)
Elzerman '04 (120mK)
Si QDots (charge)
Gorman '05 (20mK)
Hayashi '03 (100mK)
GaAs QDots (charge)
T2 = T1
Si
e-
31P
T2 (s)
T1 (s)
10-9 10-8 10-7 10-6 10-5 10-4 10-3 10-2 10-1 100 101 102 103
10-9 10-8 10-7 10-6 10-5 10-4 10-3 10-2 10-1 100 101