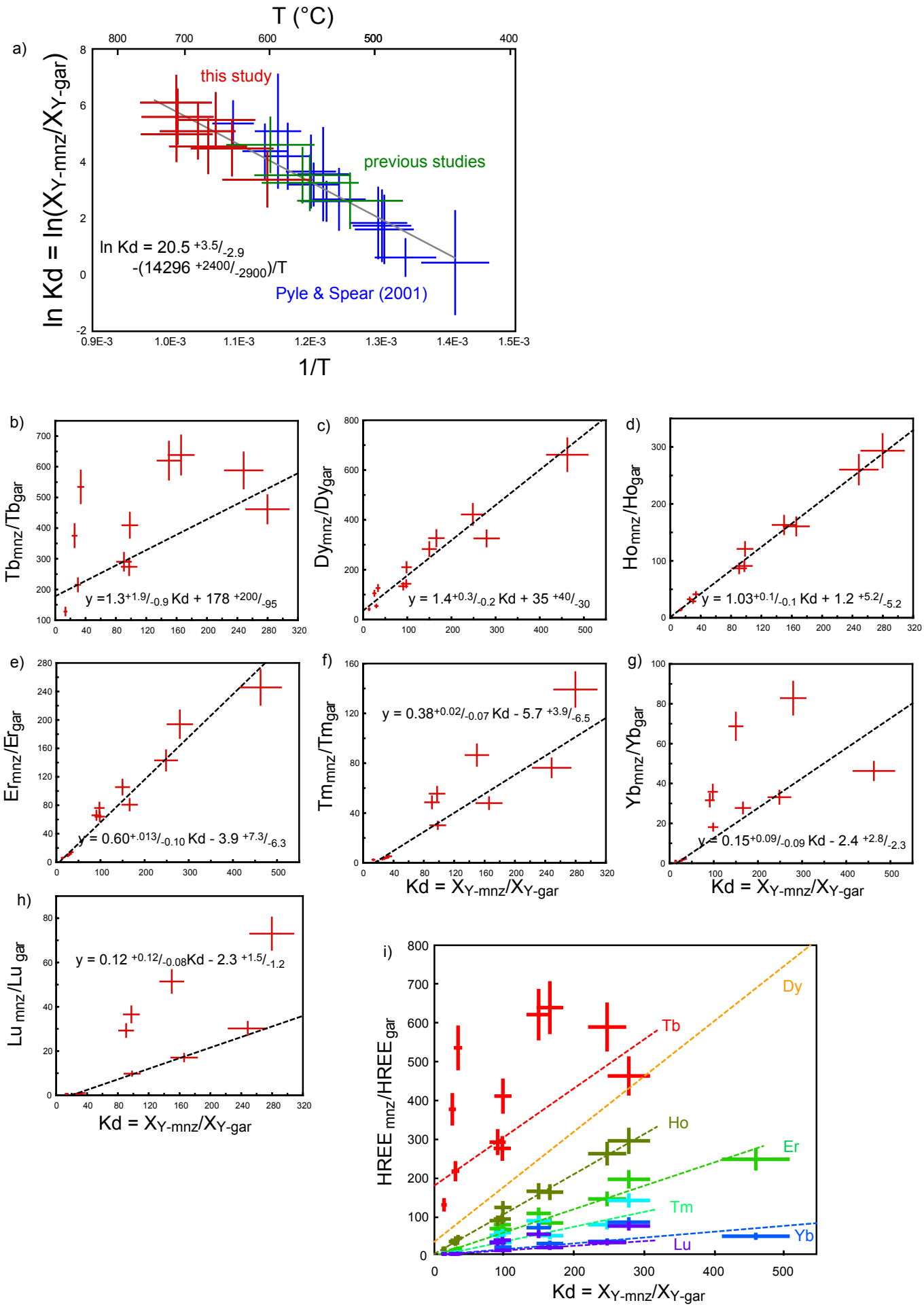
a)
T (°C)
800
700
600
500
400
this study
previous studies
Pyle & Spear (2001)
ln Kd = 20.5 +3.5/-2.9 -(14296 +2400/-2900)/T
ln Kd = ln(XY-mnz/XY-gar)
1/T
0.9E-3
1.0E-3
1.1E-3
1.2E-3
1.3E-3
1.4E-3
1.5E-3
b)
Tbmnz/Tbgar
y =1.3+1.9/-0.9 Kd + 178 +200/-95
c)
Dymnz/Dygar
y = 1.4+0.3/-0.2 Kd + 35 +40/-30
d)
Homnz/Hogar
y = 1.03+0.1/-0.1 Kd + 1.2 +5.2/-5.2
e)
Ermnz/Ergar
y = 0.60+.013/-0.10 Kd - 3.9 +7.3/-6.3
f)
Tmmnz/Tmgar
y = 0.38+0.02/-0.07 Kd - 5.7 +3.9/-6.5
g)
Ybmnz/Ybgar
y = 0.15+0.09/-0.09 Kd - 2.4 +2.8/-2.3
Kd = XY-mnz/XY-gar
h)
Lu mnz/Lu gar
y = 0.12 +0.12/-0.08Kd - 2.3 +1.5/-1.2
Kd = XY-mnz/XY-gar
i)
HREE mnz/HREE gar
Dy
Tb
Ho
Er
Tm
Lu
Yb
Kd = XY-mnz/XY-gar