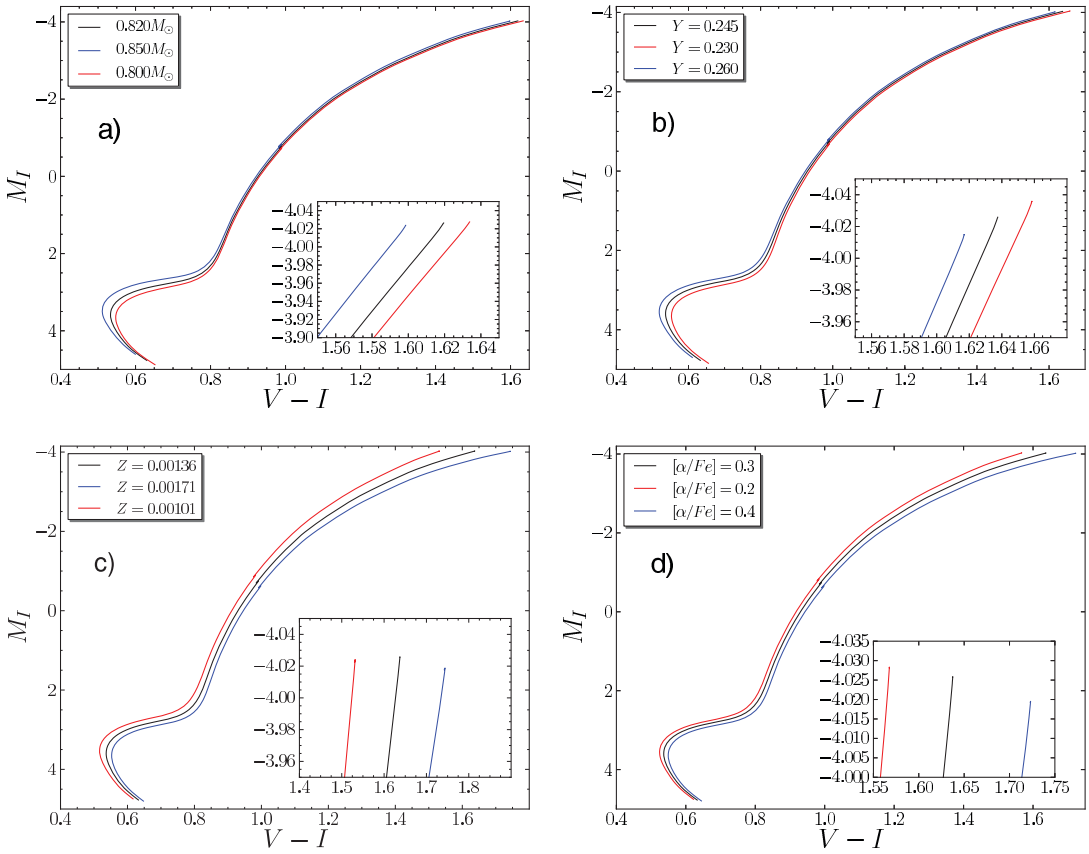
a)
$0.820M_\odot$
$0.850M_\odot$
$0.800M_\odot$
b)
$Y = 0.245$
$Y = 0.230$
$Y = 0.260$
c)
$Z = 0.00136$
$Z = 0.00171$
$Z = 0.00101$
d)
$[\alpha/Fe] = 0.3$
$[\alpha/Fe] = 0.2$
$[\alpha/Fe] = 0.4$
M_I
$V - I$