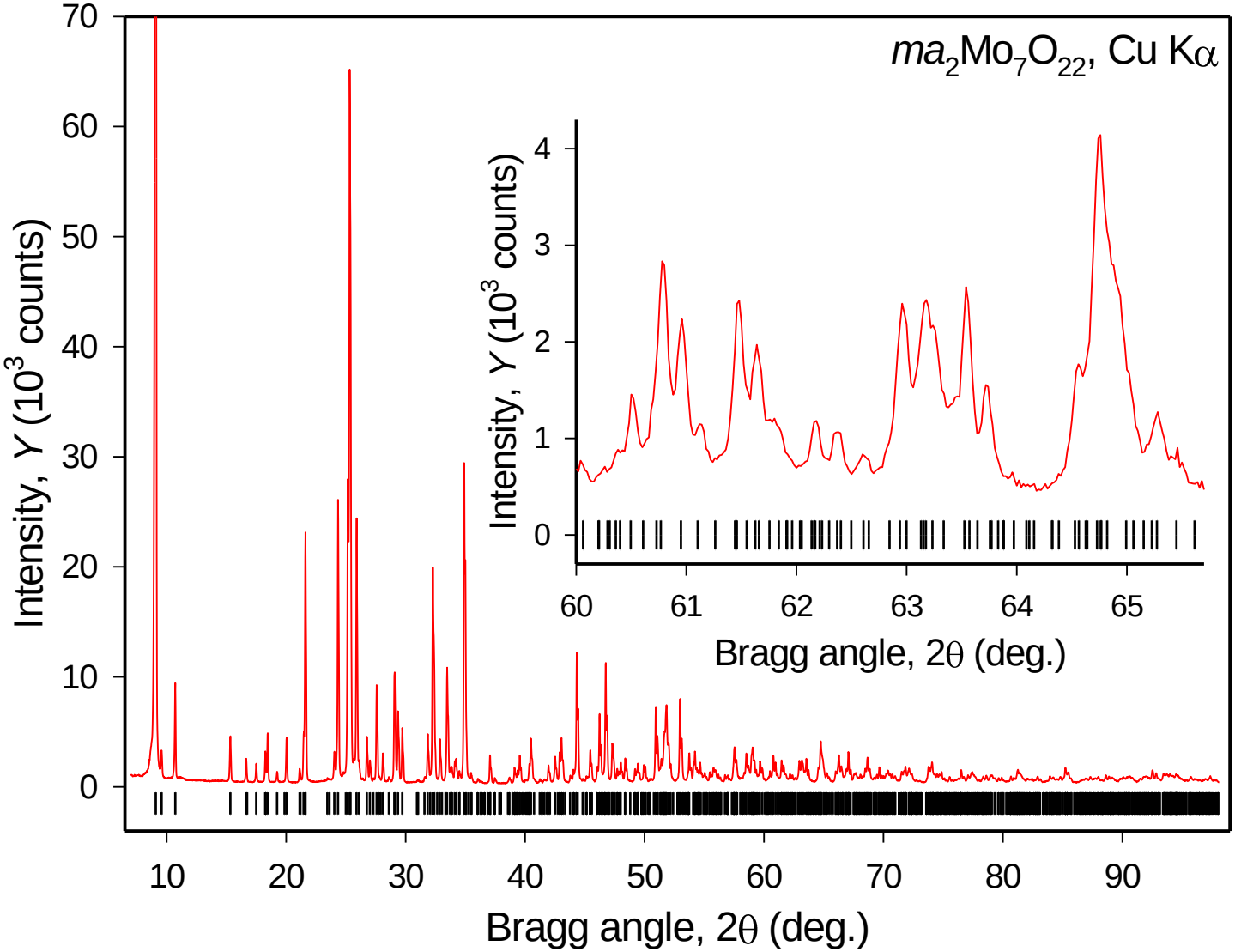
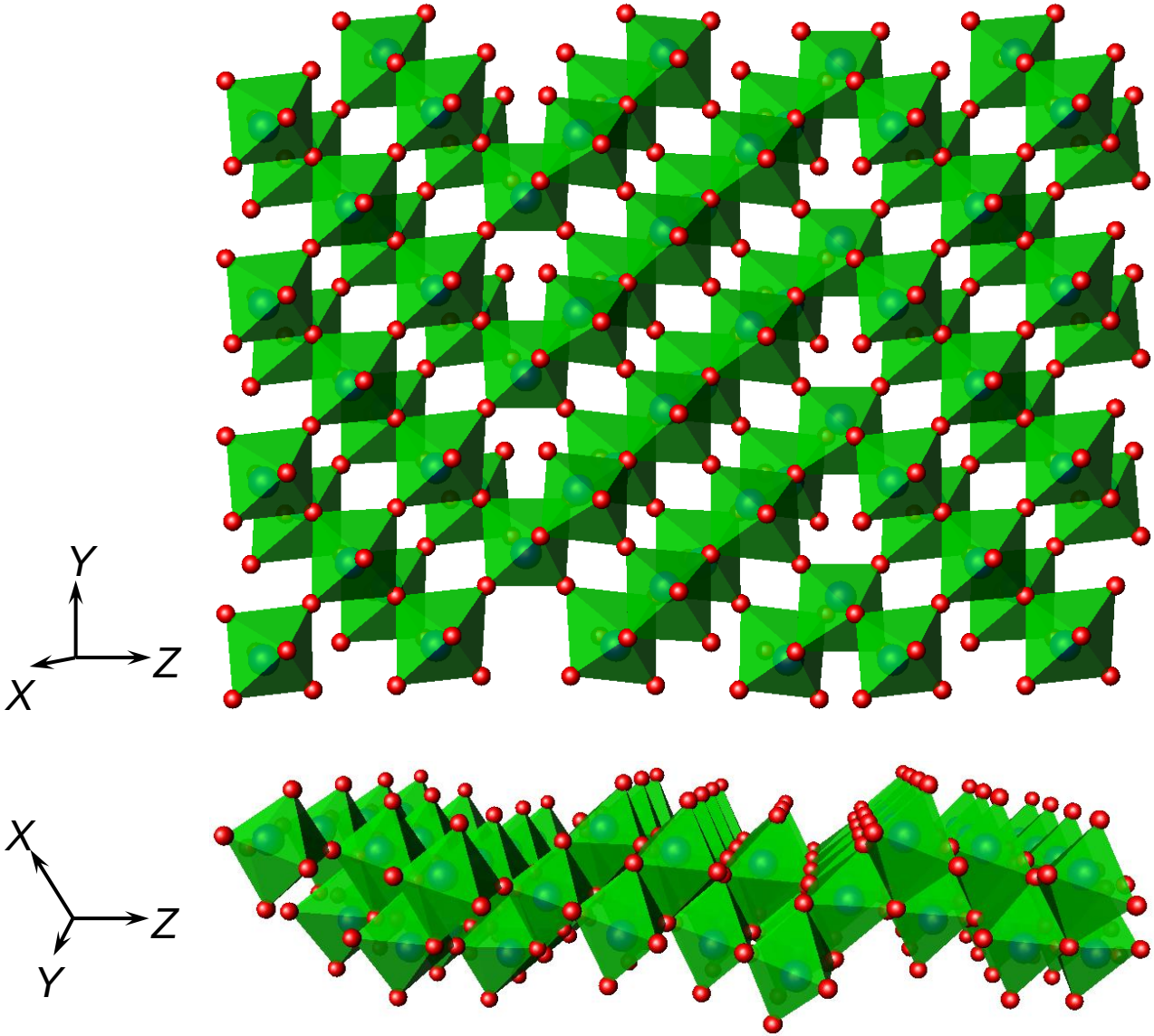
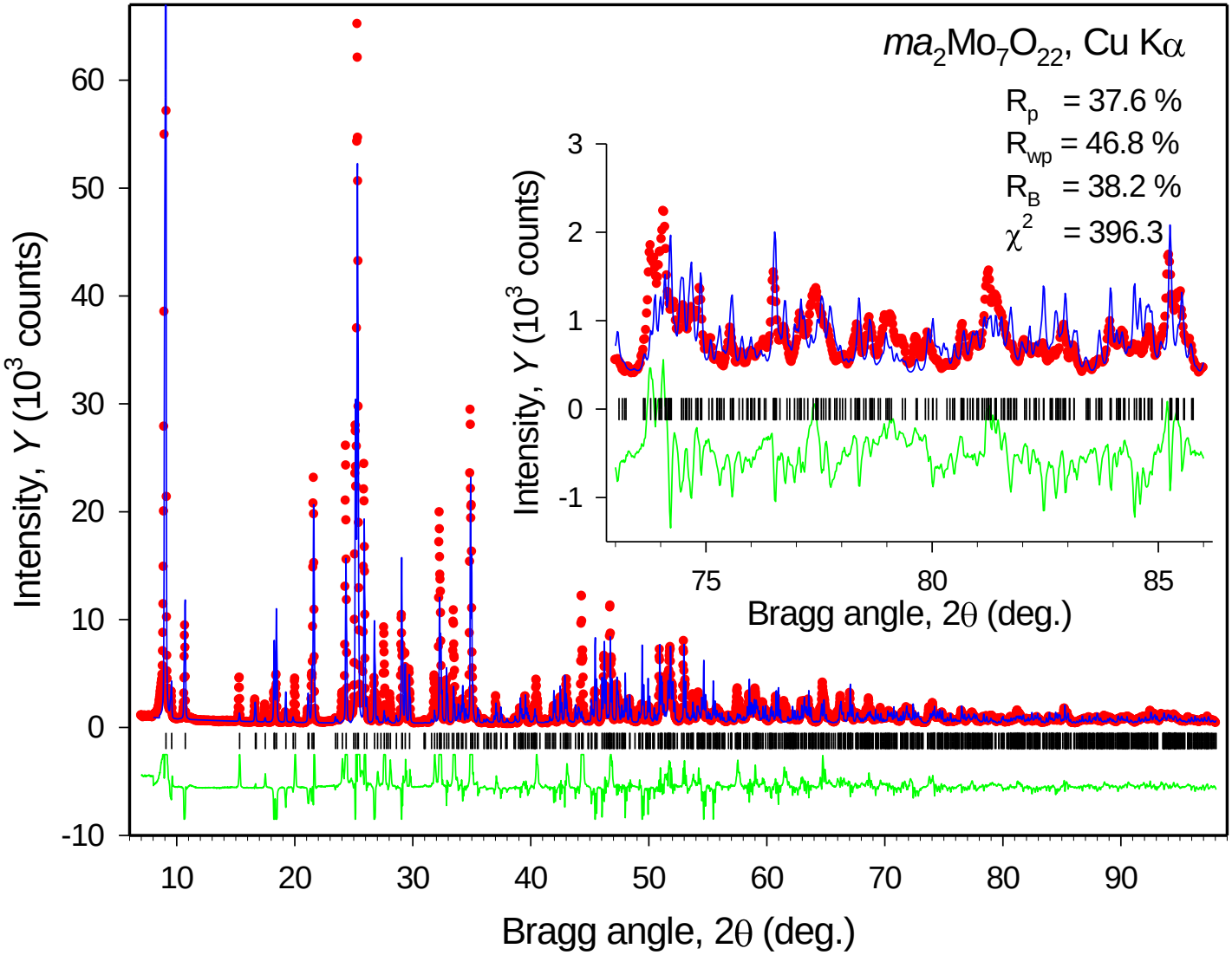
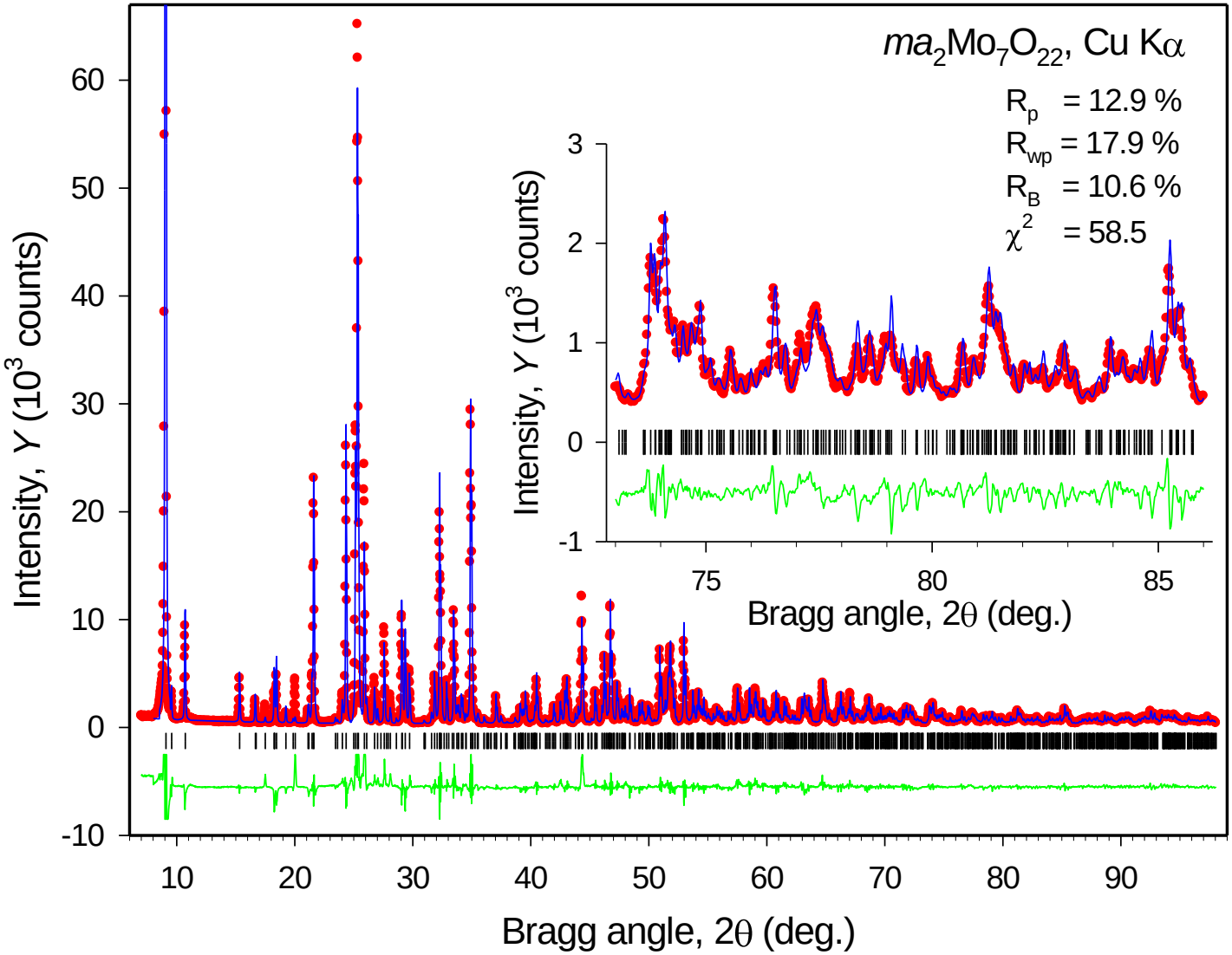


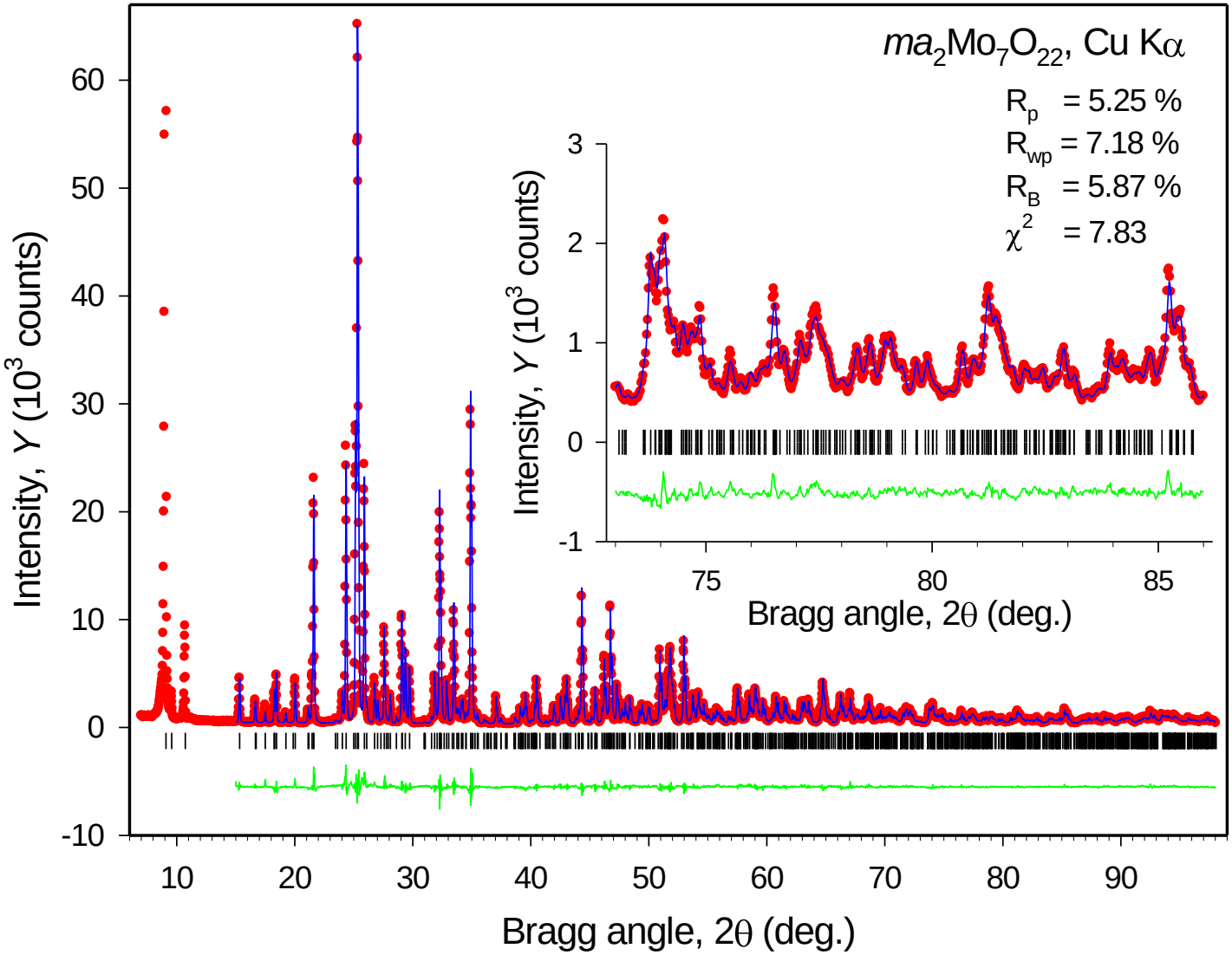
Ch. 22. Crystal Structure of $ma_2Mo_7O_{22}$ **Fig. 22.1**

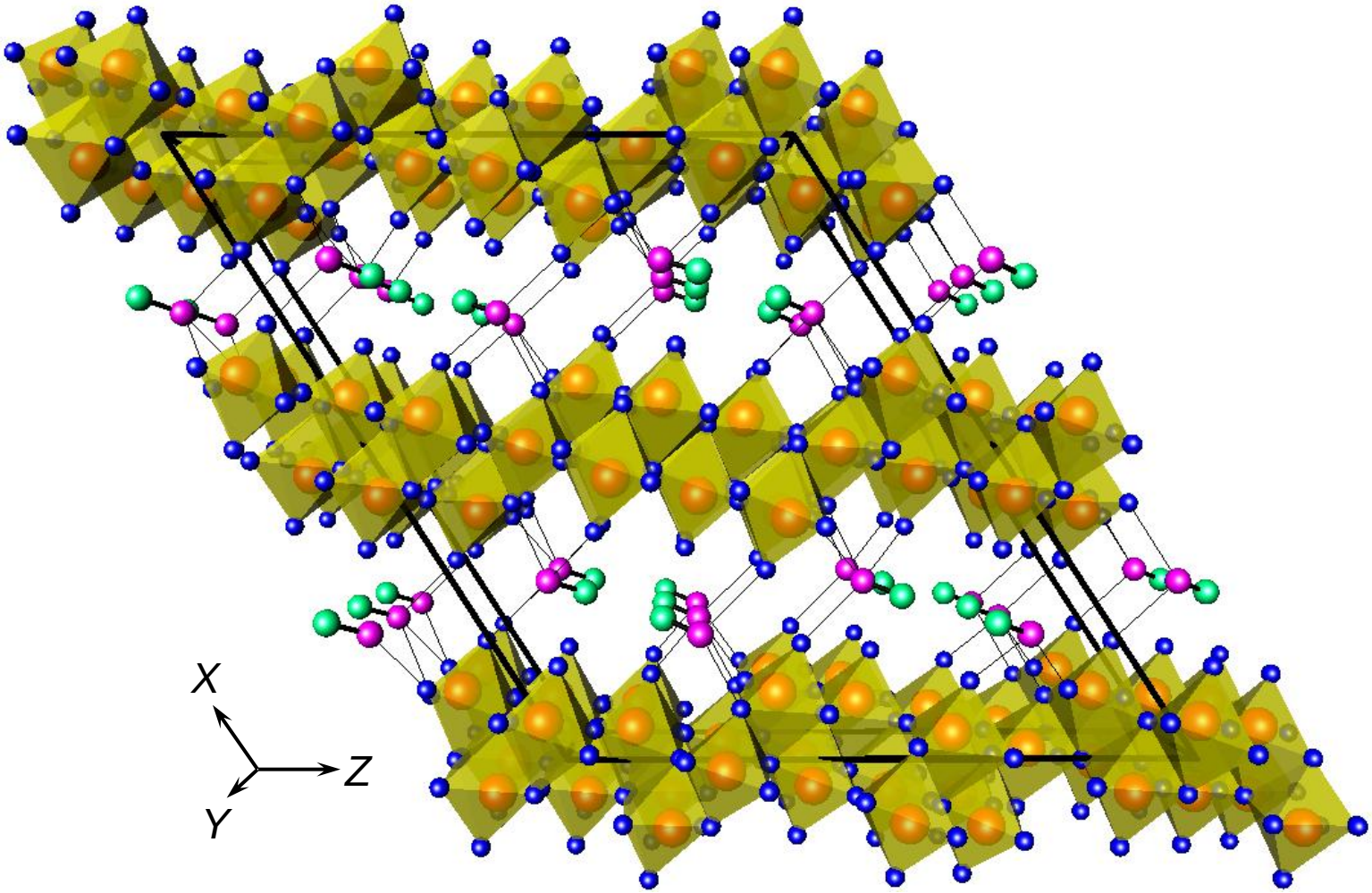


Ch. 22. Crystal Structure of $ma_2Mo_7O_{22}$ **Fig. 22.2**


$ma_2Mo_7O_{22}$, Cu Kα
R_p = 37.6 %
R_{wp} = 46.8 %
R_B = 38.2 %
χ^2 = 396.3
Intensity, Y (10^3 counts)
Bragg angle, 2θ (deg.)
60
50
40
30
20
10
0
-10
10
20
30
40
50
60
70
80
90
3
2
1
0
-1
75
80
85


$ma_2Mo_7O_{22}$, Cu Kα
R_p = 12.9 %
R_{wp} = 17.9 %
R_B = 10.6 %
χ^2 = 58.5
Intensity, Y (10^3 counts)
Bragg angle, 2θ (deg.)
60
50
40
30
20
10
0
-10
10
20
30
40
50
60
70
80
90
3
2
1
0
-1
75
80
85


$ma_2Mo_7O_{22}$, Cu Kα
R_p = 5.25 %
R_{wp} = 7.18 %
R_B = 5.87 %
χ^2 = 7.83
Intensity, Y (10^3 counts)
Bragg angle, 2θ (deg.)
60
50
40
30
20
10
0
-10
10
20
30
40
50
60
70
80
90
3
2
1
0
-1
75
80
85



Ch. 22. Crystal Structure of $ma_2Mo_7O_{22}$ **Fig. 22.6**