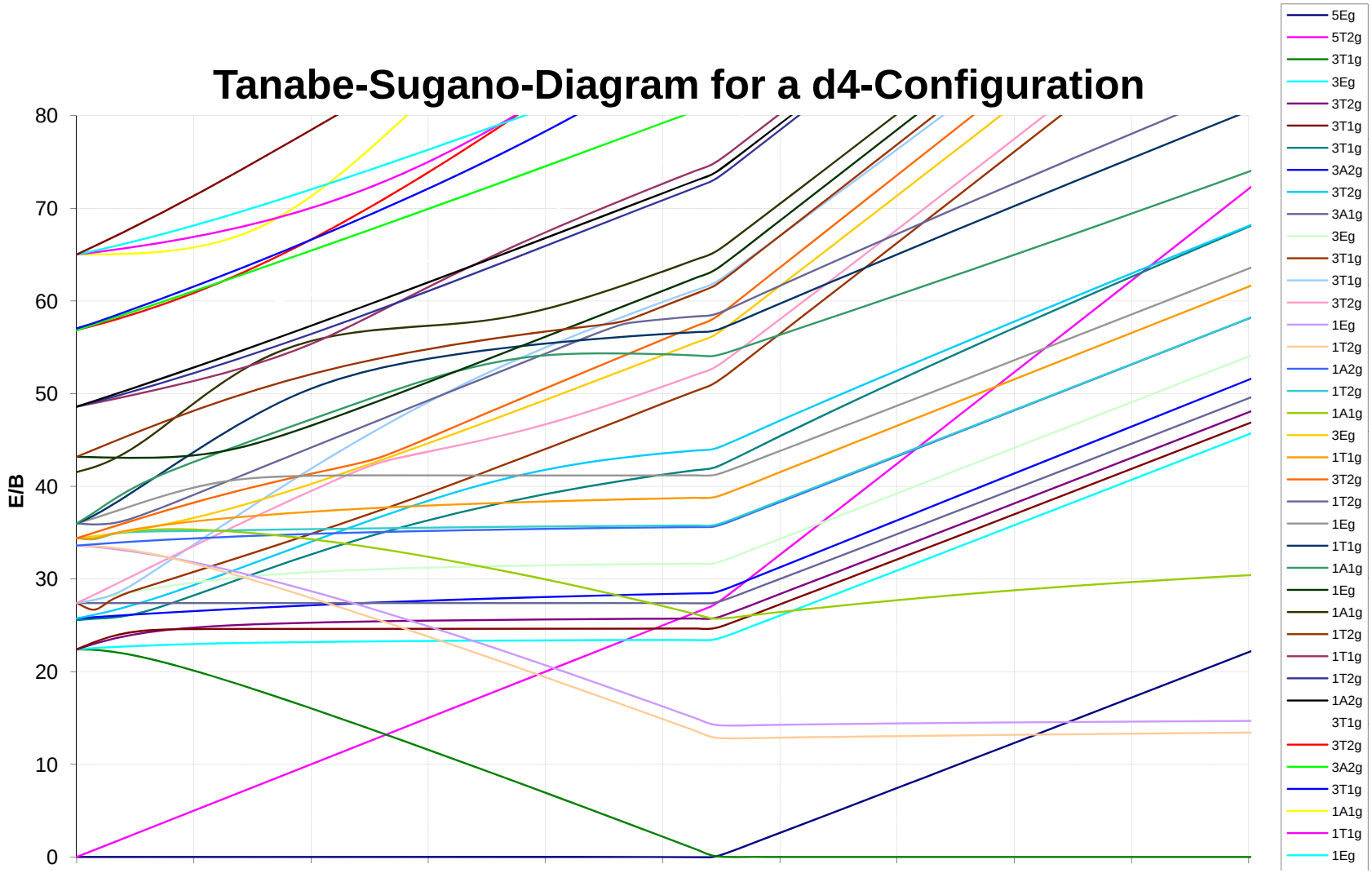
Tanabe-Sugano-Diagram for a d4-Configuration
E/B
80
70
60
50
40
30
20
10
0
5Eg
5T2g
3T1g
3Eg
3T2g
3T1g
3T1g
3A2g
3T2g
3A1g
3Eg
3T1g
3T1g
3T2g
1Eg
1T2g
1A2g
1T2g
1A1g
3Eg
1T1g
3T2g
1T2g
1Eg
1T1g
1A1g
1Eg
1A1g
1T2g
1T1g
1T2g
1A2g
3T1g
3T2g
3A2g
3T1g
1A1g
1T1g
1Eg