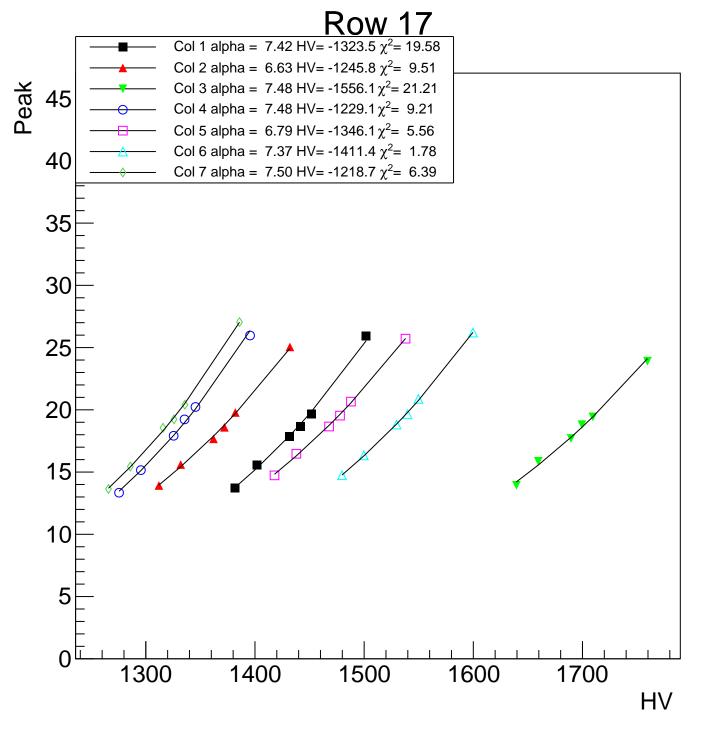
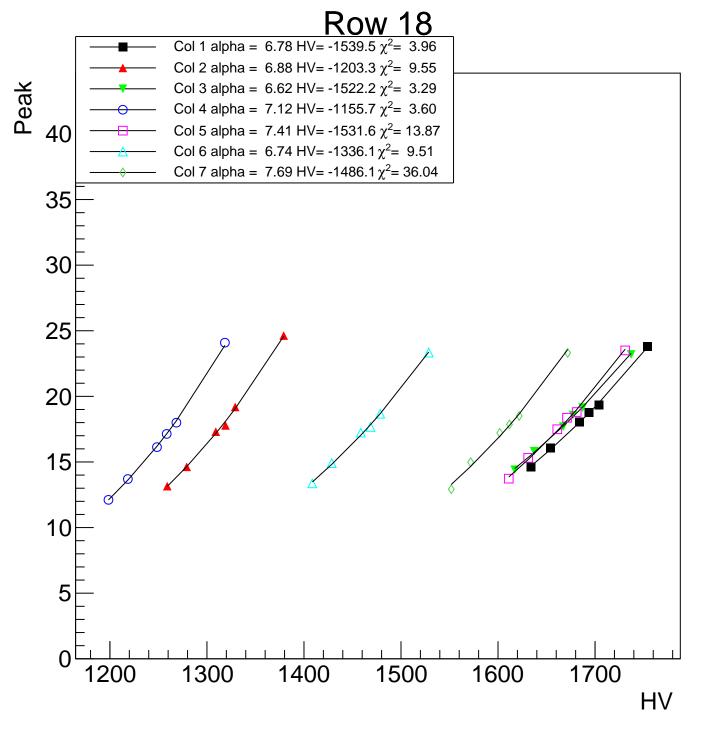


**Row 14**Col 1 alpha = 7.21 HV= -1380.5 χ<sup>2</sup>= 24.93 Col 2 alpha =  $8.06 \text{ HV} = -1452.5 \ \chi^2 = 439.51$ Col 3 alpha =  $7.81 \text{ HV} = -1491.8 \ \chi^2 = 26.19$ Col 4 alpha =  $6.33 \text{ HV} = -1165.0 \ \chi^2 = 7.98$ Col 5 alpha =  $7.29 \text{ HV} = -1448.3 \ \chi^2 = 22.84$ Col 6 alpha =  $7.24 \text{ HV} = -1477.8 \ \chi^2 = 5.43$ Col 7 alpha =  $7.17 \text{ HV} = -1493.8 \ \chi^2 = 18.11$ HV

Row 15
Col 1 alpha = 7.48 HV= -1542.5 χ²= 11.45 Col 2 alpha =  $7.25 \text{ HV} = -1257.8 \ \chi^2 = 3.41$ Peak Col 3 alpha =  $7.40 \text{ HV} = -1199.9 \ \chi^2 = 16.23$ Col 4 alpha =  $7.88 \text{ HV} = -1298.3 \chi^2 = 19.98$ Col 5 alpha =  $7.33 \text{ HV} = -1469.2 \ \chi^2 = 12.93$ Col 6 alpha =  $7.79 \text{ HV} = -1380.2 \ \chi^2 = 7.97$ Col 7 alpha =  $7.55 \text{ HV} = -1390.0 \ \chi^2 = 10.17$ HV

Row 16
Col 1 alpha =  $7.49 \text{ HV} = -1373.2 \ \chi^2 = 25.49$ Col 2 alpha =  $7.40 \text{ HV} = -1654.4 \ \chi^2 = 30.73$ 50 Peak Col 3 alpha =  $7.39 \text{ HV} = -1306.0 \ \chi^2 = 21.26$ Col 4 alpha =  $6.70 \text{ HV} = -1501.1 \chi^2 = 9.67$ Col 5 alpha =  $7.94 \text{ HV} = -1372.2 \ \chi^2 = 0.94$ Col 6 alpha =  $7.31 \text{ HV} = -1425.8 \ \chi^2 = 4.74$ Col 7 alpha =  $7.30 \text{ HV} = -1177.6 \ \chi^2 = 20.52$ 40 30 20 10 1300 1400 1500 1600 1800 1900 1700 HV





Row 19
Col 1 alpha = 7.71 HV= -1278.9 χ²= 18.38 Col 2 alpha =  $7.73 \text{ HV} = -1507.5 \ \chi^2 = 9.83$ Peak Col 3 alpha =  $7.54 \text{ HV} = -1143.6 \ \chi^2 = 22.05$ Col 4 alpha =  $7.60 \text{ HV} = -1432.7 \ \chi^2 = 2.79$ Col 5 alpha =  $6.80 \text{ HV} = -1372.1 \chi^2 = 11.18$ Col 6 alpha =  $7.83 \text{ HV} = -1701.4 \chi^2 = 9.66$ Col 7 alpha =  $7.76 \text{ HV} = -1360.9 \ \chi^2 = 20.55$ HV

