166229  15 04.3 +36 24 31 03.8 46.5

GC24735  5.47 +1.17 +1.27 13.7 10.7 R -6.54(7)

W10591  -2.00(7)

Y1161  w(10.7)

+3608027

ARU733

-81 -58 +74 0.010

-53 -42 +9 0.015

-100 -187 2.0

10 +60A+128
166087 15 04.4 +9 26 Ry -15 C
+903576

10.03 +15.3 +677
9.21 +10.15 J M

62 +13.7
164033  18 04.5 -23 3F  9.0°20

9.86 +21 -64

7 22 Van

7550

138 - 036 - 392 2.013

Δ21D - 011

Δ21C - 420
164023
F0 1237/8
AB 5.53 +0.48 (2.01)

115 5.6 34°
F0 8.15
+0008 -34° 27
T Rev 18 07/2 131 01

\[ \begin{align*}
+1000 & = 3.4 \quad +0.2 \pm 2.9 \text{ lumens} \\
-1000 & = 3.4 \quad +1.0 \\
+110 & \\
-1002 & \\
+0.5 & \\
+0.5 & \\
-55.5 & \\
-45.6 & \\
+18 & \\
+1462 & \\
8.0 & +1.30 +0.98 +72 -71 -81 +10 -1220 145 & 145
\end{align*} \]
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T/LM  18 07  481 01

8.0  +0.55
166.006 18 07 30 -47 31 R1 III -12 14.9 ± 0.4
12 m 10.7°

17.717 1505.2 -47 31 26.03 1505.2
1.56

24.47

25.54 1541.38
25.66 1267 980.0

26.38 1954.62
-3

26.41

26.04

1.57
\[\begin{align*}
3.17 - 0.17 & = -0.00 \\
18075 & -45 \times 8.5 = -26.30 \\
4.51 + 1.02 & = 5.53 \\
10616 & 31.015 - 1406.9 - 45 \times 5.2 = 55.04 \\
& 1908.4 \\
& + 1.82 \\
& = 53.22 \\
& 54.45 \\
& 1941.04 \\
& - 12 \\
& = 57.77 \\
& 98.64 \\
& 45.3 \\
& 48.9 \\
30.920 & \\
& 9.63 \\
55.50 & 1957.60 \\
& - 2.18 \\
& = 56.02
\end{align*}\]
173. 137 249
178. 59 13
180. 132 197 4321 4048 420
190. 131 +6.1
931 1032
629 +5032
116 139 230 230
1395 -212 473 +512
0.6 0.3 0.9 0.8 0.7
5.85 0.30 (1.65)
114 114 160 122 122 42 42 42
-0.006 ± 4.3
-0.12 ± 3.2

166479 15 07.4 +/6 28 6.1 dF3 -12.9 8

24777
10623 54.65 1893.4 +/6 27 52.5 0 1886.2

+ .77

57.2 7

56.4 3 433.1

+ .9

56.5 2

0.688

54.67 6
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<td>DEC.</td>
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<tr>
<td>DEC.</td>
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<td>$U$</td>
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<td>$V$</td>
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<td>$q_1 (W)$</td>
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6805
12554
2411
492
23
23
4
28
48
115

5.66 + 0.555 + 0.69 = 6.90
0.25 = 0.81

11.28 + 0.485 + 0.035 = 11.80
4.0
73

150
V725 Syr  18 10 35 -36 07
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<td>DEC.</td>
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<tr>
<td>q1 (U)</td>
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<td>q2 (U)</td>
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<tr>
<td>q3 (U)</td>
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<tr>
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<tr>
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<tr>
<td>q2 (W)</td>
<td>0.401</td>
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<tr>
<td>q3 (W)</td>
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<tr>
<td>dW</td>
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1754
167570
24918
10728
36584
1400.9
-0.4
1540

+0009 ± 2.8
-0001
-0.14
-5692
-16.18

18
13.4
-20
34
7.19
62
36

13.98
24.50
193.416

47.7
1

45.02
45.86
193.92

25.79
95.84
49

53.4
0.04
534

543

34.559

45.79

3.068
36.5
33.9
\[ \begin{align*}
\text{RS Egy} & \quad 12.7667 \quad 12.7696 \\
\text{G - 24844} & \quad 18 \quad 14.3 \quad -34 \quad 08
\end{align*} \]

\[ \begin{align*}
\text{AL} & \quad 5.44 \quad \text{John Hendle 5026} \quad \text{AL} \\
\text{AL} & \quad 5.44 \quad \text{AL}
\end{align*} \]

\[ \begin{align*}
\text{V} & = +8.0 \quad \text{km/s} \\
\text{+5.5 Kelvin} & \quad \text{K104 Kelvin}
\end{align*} \]

\[ \begin{align*}
17.23 & \quad 18045 & \quad 3 & \quad 605 & \quad 18079 \\
47.14 & \quad 17.26 & \quad \text{570} \\
37.4 & \quad 39.435 & \quad 19.38 & \quad \text{377}
\end{align*} \]

\[ \begin{align*}
\text{-6508} & \quad \text{-650} \\
\text{4.02} & \quad \text{4.92} \\
\text{27.20} & \quad \text{27.32} \\
\text{3.24} & \quad \text{3.47} \\
\text{3.37} & \quad \text{3.59}
\end{align*} \]

\[ \begin{align*}
123 & \quad -084 & \quad -989 & \quad -1035 & \quad +6024 & \quad -60.11 & \quad -0.3 & \quad -7.9 & \quad -8 \\
432 & \quad 587 & \quad -017 & \quad -0131 & \quad -0252 & \quad -0333 & \quad -11.5 & \quad 0 & \quad -12 \\
-878 & \quad 455 & \quad -148 & \quad +0249 & \quad -0124 & \quad +0120 & \quad +3.6 & \quad -1.2 & \quad +2
\end{align*} \]
0.154 = \frac{32.7}{(x+3.2)^2}

(x+3.2)^2 = 214.255

x + 3.2 = \pm 14.6160

x = 11.412.8

5