

$$\begin{array}{r} 1.51 \\ \hline 2.58 \\ \hline 2.23 \\ \hline 5.98 \\ \hline 7.44 \\ \hline 51.65 \end{array}$$

40 58.7 1928.4
 40 58.7 1928.4

$$\begin{array}{r} 49.00 \\ \hline 2.17 \end{array}$$

7 27.86 1895.0 + 41 58.27 1865.8

$$\begin{array}{r} 6.29 \\ \hline 6.50 \\ \hline 11.79 \\ \hline 27.94 \\ \hline 25.25 \\ \hline 2.69 \\ \hline 25.46 \\ \hline 6.82 \end{array}$$

1410
672

1 07.5 + 41 49 5.7 d.f.7 - 10.6

-012473.2 - 04072.1
 -047
 8210-

6920
44 Hand

76

R.A. : 41.000
 DEC. : -178.000
 M. R.A. : -48.000
 DEC. : 2.278
 DISTANCE : 28
 MODULUS : -12.488
 AD. VEL. :

d1 (U) : 2.140
 d2 (U) : 0.540
 d3 (U) : 2.140
 d4 : -2.140
 U :

(U) : -0.278
 : 0.000

R.A. : 1.150
DEC. : 41.800
M. R.A. : -178.000
M. DEC. : -43.000
DISTANCE : 2.270
MODULUS : 28
RAD. VEL. : -12.400

q1 (U) : 0.814
q2 (U) : 0.145
q3 (U) : 0.563
dU : -541.375
U : -22.379

q1 (V) : -0.576
q2 (V) : 0.330

G-271-11

109 84 -00 5-2 54

557.1

11.45 0.59 0.6

7024

170249

01 11.7

-16 42

129117

1011 ~ 406 1622 Sub (5)

4H283
952

55

(Canned)

10.06 + 0.72 + 0.02

9.95 + 0.21 (2)

02110 4110

4.184

50124 A-2104

215 120

pk 111

1652

224
150

12.13.54
8/5
4.5

27

R.A. : 1.200

78



1.150
-2.100
-194.000
-82.000
3.650
54
-2.700

1 13 07.24 -28 31 42.7

ADU/TH

1 18.1 -28 31.9

759x

28.384

4-

-024 -032
0 +8

+3 +1

1.2

-28.5

-021 -023

12

$\boxed{-019 \quad -027}$

-27

9.0

44-

79

R.A. :
DEC. :
R.A. :
DEC. :
DISTANCE :
MODULUS :
D. VEL. :

1.200
-38.200
-21.000
-27.000
2.000
231
-44.000

P1 (U) :
P2 (U) :
P3 (U) :
P4 :
U :

0.800
0.280
-0.040
-138.041
-82.332

P1 (U) :
P2 (U) :

-0.200

R.A. : 1.200
DEC. : -38.500
1. R.A. : -21.000
1. DEC. : -27.000
DISTANCE : 9.000
MODULUS : 631
D. VEL. : -44.000

q1 (U) : 0.809
q2 (U) : 0.586
q3 (U) : -0.040
dU : -138.041
U : -85.335

q1 (V) :
q2 (U) : -0.581

17.176
634-16

1 135 +15 16

+9.2

1507640

8.46 +0.60 +0.07

2.47 880

774 010

12

+18.25

289

030

1000

657

110

3.0

+4.2

80



REC.

7.11.

..

289.000

000

18.400

1.200

8186 | 1 188 +13 39.7 -37

+13.202

-2 -21 AG13

110

+17 -22 4 1.3
-5 +2
+1 +2

+13 -18

+6 -19 9.5

13.66

9
-19

-37

2881204

01 21 30 - 07 58 12 80 + 6ms

6871-157

201-044

1117 + 77 + 34

1.38

-8.0

2023

-46

8.40

76.5

81

8997 on 263 +21 28

~~120.226~~ 200 544

1348 212 548 484 210 D

~~101, 194~~ Spd (1) d

Am 2.1.8 mg

1

2

172094
G245-32

1 40 02 +70 13 24 -268.7

C

9.92 43 -22 C

well known

10.20 35 -21

271-154

1 45 08 -03 24 15

56
+22.0

3.262

8.21 51 -02 C

145 142

1.75

-3.5

145

142

3.7

+22.0

82



1900
1901
1902
1903
1904
1905
1906
1907
1908
1909
1910

07/03

1 42 3P 3 15 4P

-8.8 7c

+2.263

215 3P

10.63 4P -14

1.7

8.25

5.14

3P

9.15

5.8

83



1.700
3.250
215.000
38.000
5.600
132
-8.800

0.759
0.450
0.463
854.652
100.592

-0.619
0.729
0.293
-490.059
-68.232

83

0.200
0.500
-0.807
298.610

672-30

1 41 44 +24 20 8-4

26
+21.4

14.10 74 12

~~268~~ 093

17

+24.33

251

93

70

+21.4

89



1.700
24.330
291.000
93.000
7.000
251
21.400

0.759
0.261
597

G-13385
+40.353

1 41 27 +44 12 48

+38.832

+44.525

280 14

+41.6

16.18 +675 +4

1.7

+44.2

390

14

4.5

+41.6

85



~~1.700~~
44.200
390.000
14.000
4.500
79
41.600

0.759
0.043
0.650
1000.580
107.147

-0.619
0.359
0.699

1700

034-45

1 40 03

122 12 12

66
-2779

283.8/5

13-12-91 44

133
173
173
152

1360
144

167 173

152
152
152

173

152

1330
173

152
152
152

1330 173 152 152 152

200
has
600

7th

80

-36.573

-654.200

-0.217

0.961

0.169

M
MP
(M)
(M)
(M)

321

-169.756

-707.351

0.745

0.275

V
DU
(U)
(U)
(U)

321

G-271-44 1 25 23 -02 15 00 -41.2

-2.220

cut

-173 1.14

8.54 + 0.65 + 13

1.4

-2.225

-173

-140

8.2

-41.2 ✓

87



1.480
-2.250
-173.000
-140.000
3.300
46
-41.200

0.791
0.498
0.356
-978.367
-59.389

-0.597
0.756
0.269
-12.328
-11.653

0125 54 28 39 12

+4.7

-9.283

G271-70

068 188

9.28 550,040

1.4

-8.65

1.9

-188

4.8

+4.7

88



100,000,000
100,000,000
100,000,000
100,000,000
100,000,000

-8.256

6271-25

01 27 17 -07 46 00

-5

-07 -107

107483 57

8.320
8.937
1.494
34.635

G34-26
+22.245

01 30 13 +23 06 81 -53.0

904 0625 06

-141 -166

~~1.5~~
+23.45

~~+23.42~~

-166

+4.00

-53.0

29



~~1.500~~
23.450
-208.000
-166.000
4.000
63
-53.000

0.781
0.286
0.556
-931.212
-88.203

-0.605
0.571
0.556
97.966
-23.278

6172-61

1 31 18

+48 29 06

-202.0

+49.451

342 -48

11.00 70 10

1.5

+48.5

576

-48

5.0

-202.0

90



~~1.500~~
48.500
516.000
-48.000
5.000
100
-202.000

0.781
0.024
0.624
1259.795
-0.163

-2.181

1 10 46 -07 07 80 -3.7

G270-174

-194 -082

8.95 685.13

1.15

-2.1

-194

-82

3.65

-3.7

R.A.	:	1.200
DEC.	:	-16.700
PM. R.A.	:	224.000
PM. DEC.	:	-120.000
DISTANCE	:	4.050
MODULUS	:	65
AD. VEL.	:	85.200
q1 (U)	:	0.809
q2 (U)	:	0.559
q3 (U)	:	0.180
du	:	505.151
U	:	47.985
(U)	:	-0.50
(U)	:	
(U)	:	
du	:	

28



A

1.350
-3.000
-293.000
-46.000
5.400
120
6.500

0.796
0.530
0.294
-873.599
-103.116

-0.593
0.780
0.200
395.620
48.791

0.124
0.333
-0.935
-198.416
-28.968

SA

8997

01 2603 +01 28

20.2.26 ✓

202 544

8348

2017 844 484 210D

~~10/10/1947~~

SpD (1)^d

Am 2.1.8 1947

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