.90.0 .91.1 .92.2 .93.3 .94.4 .95.5 .96.6 .97.7 .98.8 .99.9 1.00

6.755E+06

C03400000
7-JUL-00
14:54:28
KURUCZ

599.0

599.1

599.2

599.3

050 23.01 38517 996 -10+1300

088 606 12 1- 3 38R 996 -10 +200
113 H2O 0 993 +0 -150
115 606 12 1- 3 37R 996 -20 +200

260 607 12 6- 1 46P 997

329 H2O 1394 990 203 +5 +100
317 606 12 1- 3 36R 996 -60 +200

411 H2O 756 991 302 +0 +100

516 27.00 16778 999
533 22.00 386 999

539 H2O 610 988 203 +0 +150

610 H2O 610 970 203 +4 +50

706 26.00 43079 992 -10+2170

845 H2O 399 935 321 +2 +0

920 27.00 15184 999 -25 -950
936 27.00 15184 999 -25 -950
939 27.00 15184 998 -25 -950
960 27.00 15184 998 -25 -950
966 27.00 15184 996 -25 -950
992 27.00 15184 998 -25 -950
000 27.00 15184 994 -25 -950
033 27.00 15184 998 -25 -950
043 27.00 15184 992 -25 -950
082 27.00 15184 999 -25 -950

145 24.00 27382 992 -10 +500

260 26.00 40842 975 -15 +30

315 607 12 7- 2 35O 991 -10 +0

376 26.01 25428 637 -15 -220

460 H2O 0 992 +8 +150

507 70.01 35831 997 -20 +400

572 26.00 36975 993 -10 +830

687 607 12 12- 6 33O 998

738 27.00 16778 989 -10 +70
749 27.00 16778 994 -10 +70
754 27.00 16778 982 -10 +70
782 27.00 16778 979 -10 +70
782 27.00 16778 989 -10 +70
798 20.00 48760 997 -12 +200
804 27.00 16778 998 -10 +70
820 27.00 16778 982 -10 +70
820 27.00 16778 981 -10 +70
847 24.00 24286 998 +0 -700
848 27.00 16778 987 -10 +70
870 27.00 16778 979 -10 +70
870 27.00 16778 987 -10 +70
903 27.00 16778 968 -10 +70
931 27.00 16778 981 -10 +70
971 27.00 16778 940 -10 +70
004 27.00 16778 987 -10 +70

964 607 12 7- 2 42R 996 -10 +0
995 H2O 446 940 321 +0 -50

243 607 12 11- 5 45P 999

321 24.00 37244 996 -22 -100

403 26.00 43137 999 +0 -170

466 24.01 53271 999 -25 +150
484 24.00 24299 996 +0 -450

642 26.00 33695 990 -10 +660

999 26.00 34017 981 -10 -480

FIGURE 3

ZTF599
FLUX + ATMOSPHERIC TRANSMISSION
AVRETT MODC (OSLO) SOLAR MODEL WITH DEPTH DEPENDENT MICROTURBULENCE
1.50 KM/S MACROTURBULENCE 2 KM/S ROTATION CHROM 0.1
MID-LATITUDE SPRING H2O*1.00 T*1.070 N*.944 ALTITUDE 2000 M

AIRMASS 1.30-1.15
DOPPLER SHIFT -0.406 KM/S -.636 KM/S GRAVITAIONAL RED SHIFT
FTS SCAN 111 (-0.706 KM/S) -.636 KM/S GRAVITATIONAL RED SHIFT
RESOLUTION .036304560 CM-1