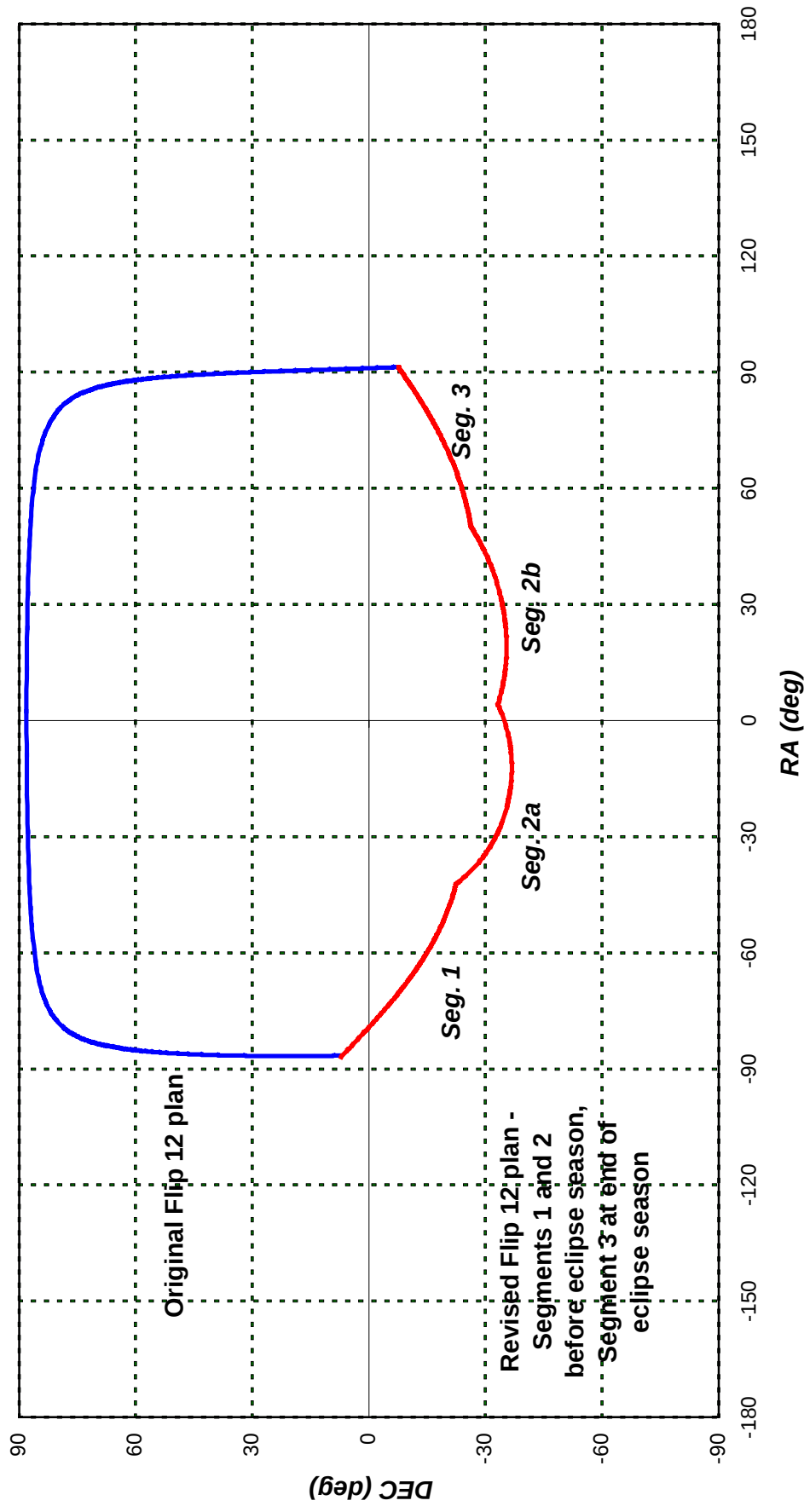


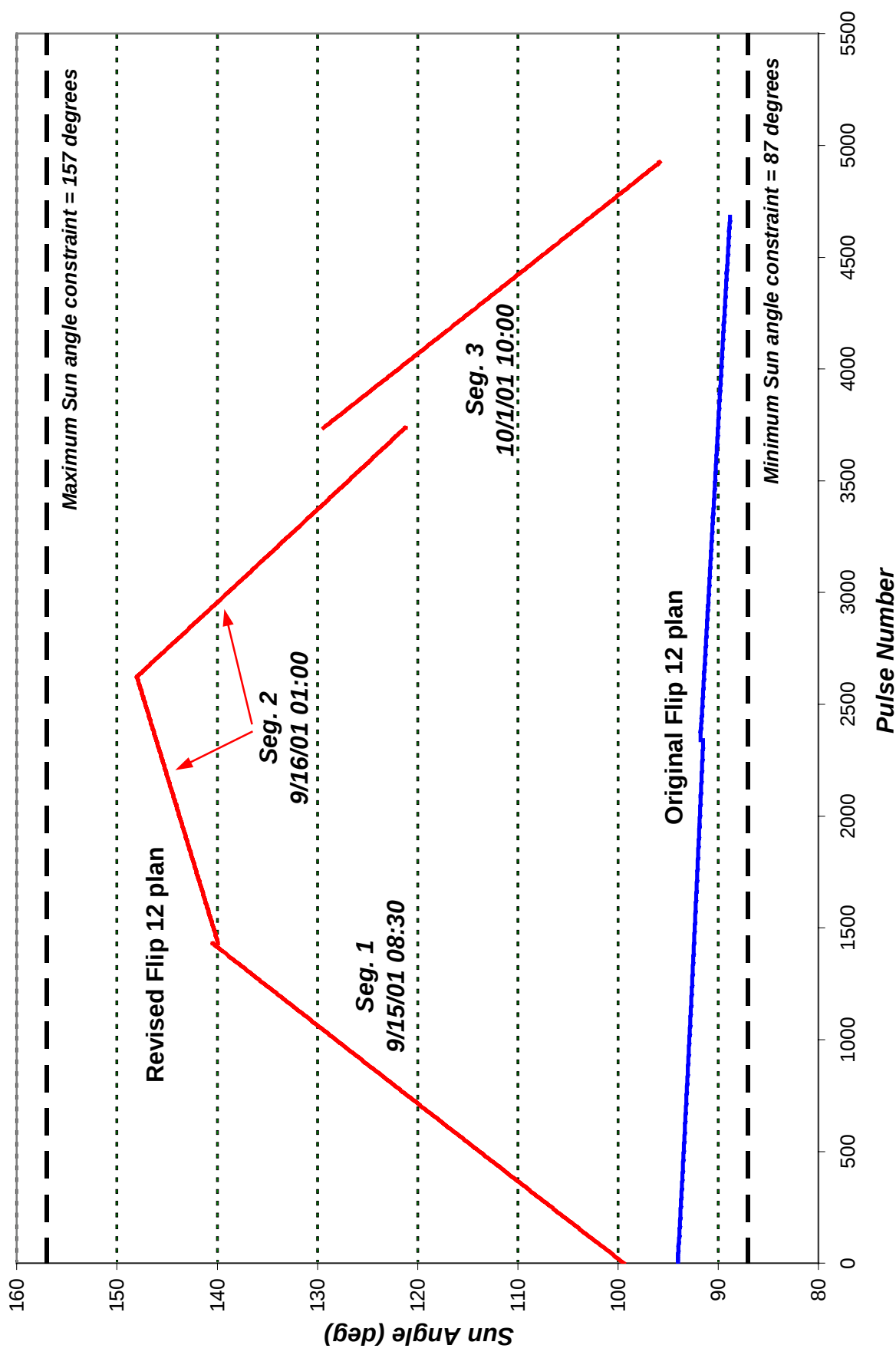
Summary of Revised Polar Flip 12 Plan: Segments 1 and 2 Before Eclipse Season, Segment 3 at End of Eclipse Season

Segment 1	9/15/01 08:30:00
Start Time	9/15/01 10:53:21
End Time	1431
Number of Pulses	4.323 lb
Fuel Used	
Final attitude:	RA
	DEC
Perigee Change	317.79 deg
Apogee Change	-22.44 deg
	27.8 km
	-33.7 km
Segment 2	9/16/01 01:00:00
Start Time	9/16/01 04:55:55
End Time	2306
Number of Pulses	6.913 lb
Fuel Used	
Final attitude:	RA
	DEC
Perigee Change	50.12 deg
Apogee Change	-26.25 deg
	63.42 km
	-31.39 km
Segment 3	10/1/01 10:00:00
Start Time	10/1/01 11:58:49
End Time	1187
Number of Pulses	3.533 lb
Fuel Used	
Final attitude:	RA
	DEC
Perigee Change	91.32 deg
Apogee Change	-7.55 deg
	21.73 km
	-35.71 km
Totals	
Number of Pulses	4924
Fuel Used	14.769 lb
Perigee Change	112.95 km
Apogee Change	-100.80 km

Comparison of Spin Axis Path During Polar Flip 12 Using Old and New Planning Strategies



Comparison of Sun Angle During Polar Flip 12 Using Old and New Planning Strategies



Station Aspect Angles During Polar Flip 12

