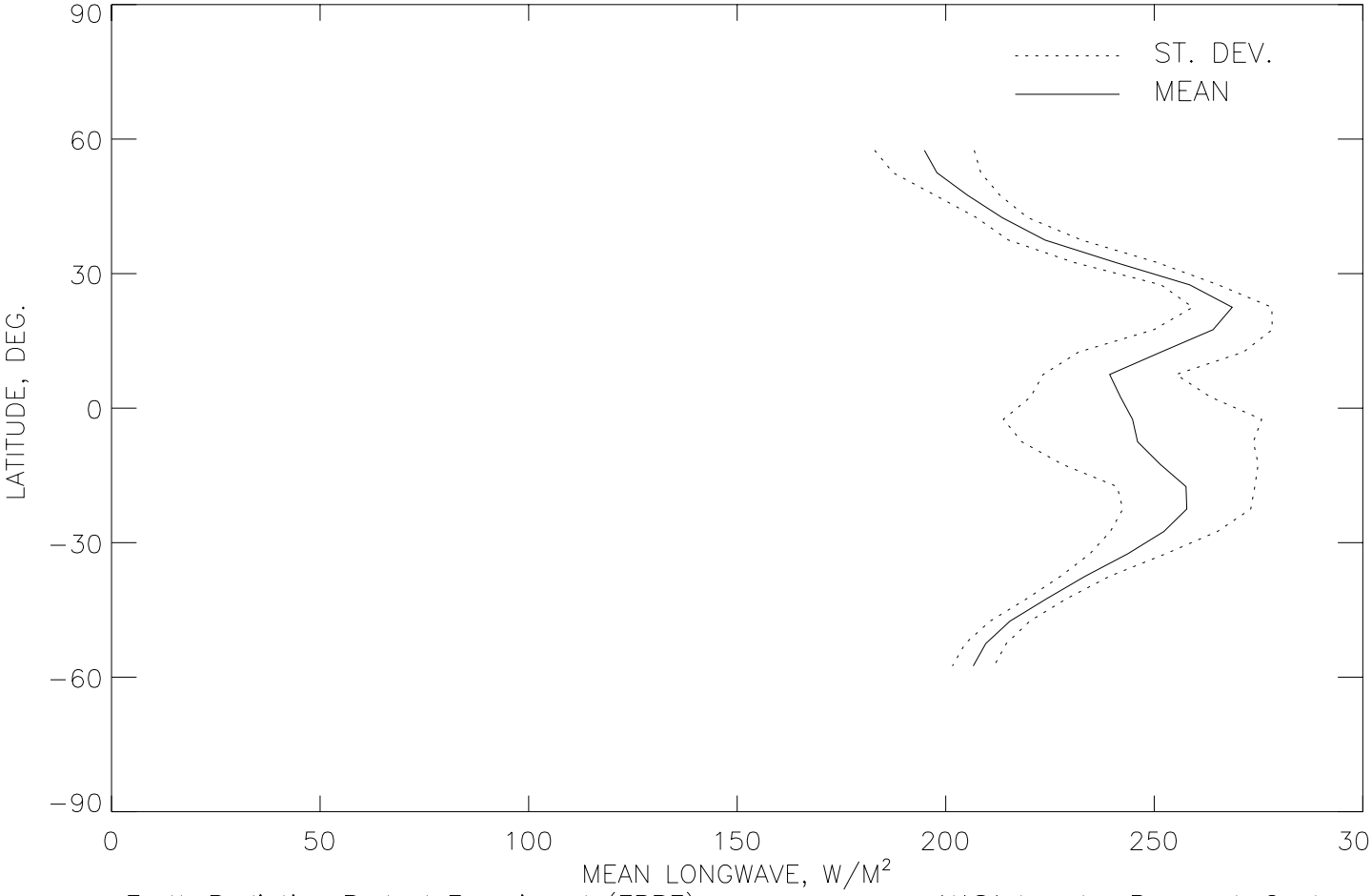
LONGWAVE

5^0 WFOV–NF, ERBS, :INDEPENDENT NS, LW, NOV 84, HGMA, PRC–02–12–01



LAT 90S	TO 90N	WTD	MEAN=	238.6	SD=	15.6	MAX=	268.70
LAT 0	TO 90N	WTD	MEAN=	237.3	SD=	13.4	LAT=	22.50
LAT 0	TO 50N	WTD	MEAN=	242.6	SD=	13.6		
LAT 90S	TO 0	WTD	MEAN=	239.9	SD=	17.5	MIN=	194.90
LAT 50S	TO 0	WTD	MEAN=	244.0	SD=	18.5	LAT=	57.50
LAT 50S	TO 50N	WTD	MEAN=	243.3	SD=	16.3		

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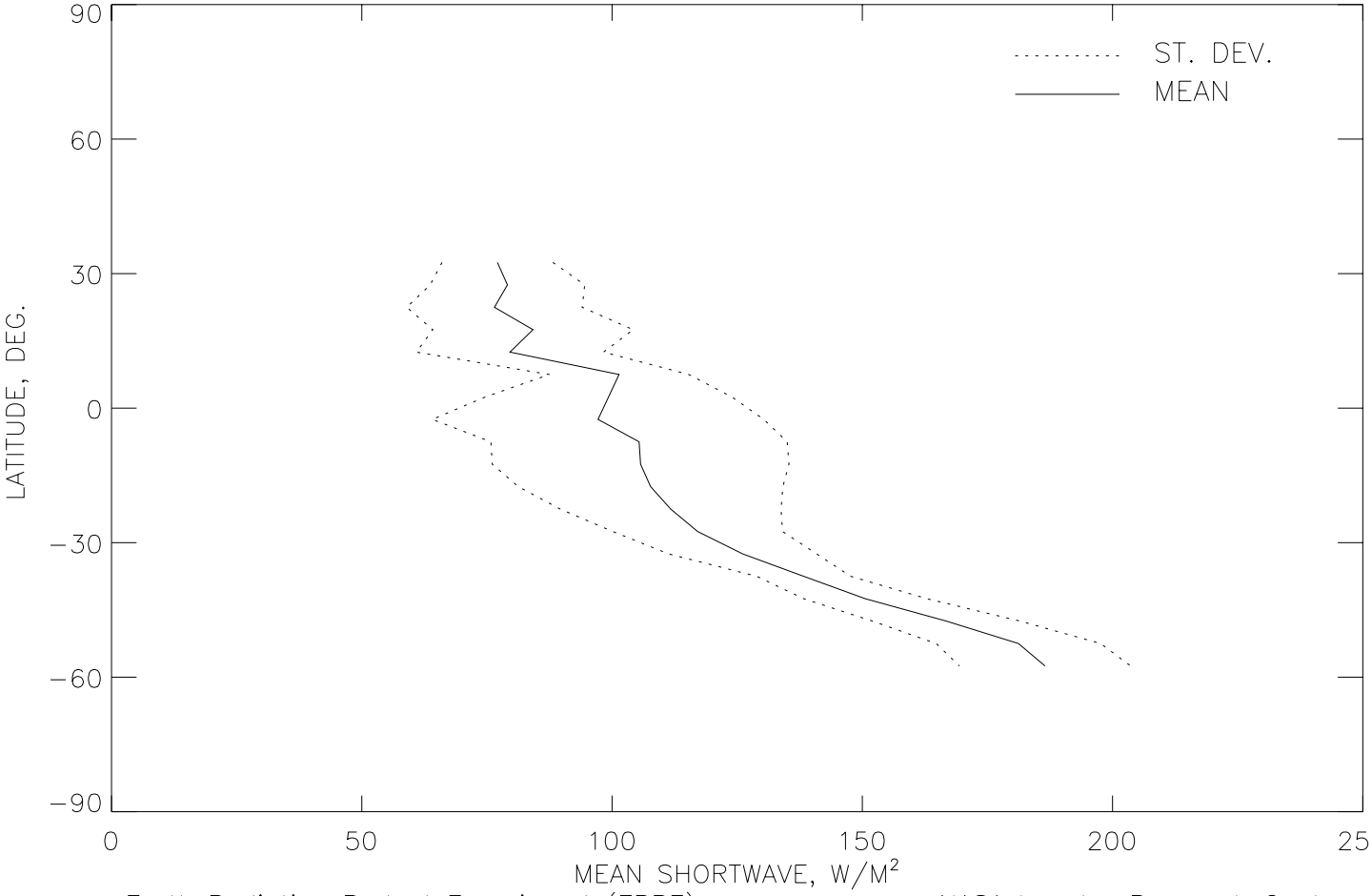
SHORTWAVE

5^0 WFOV–NF, ERBS, :INDEPENDENT NS, SW, NOV 84, HGMA, PRC–02–12–01

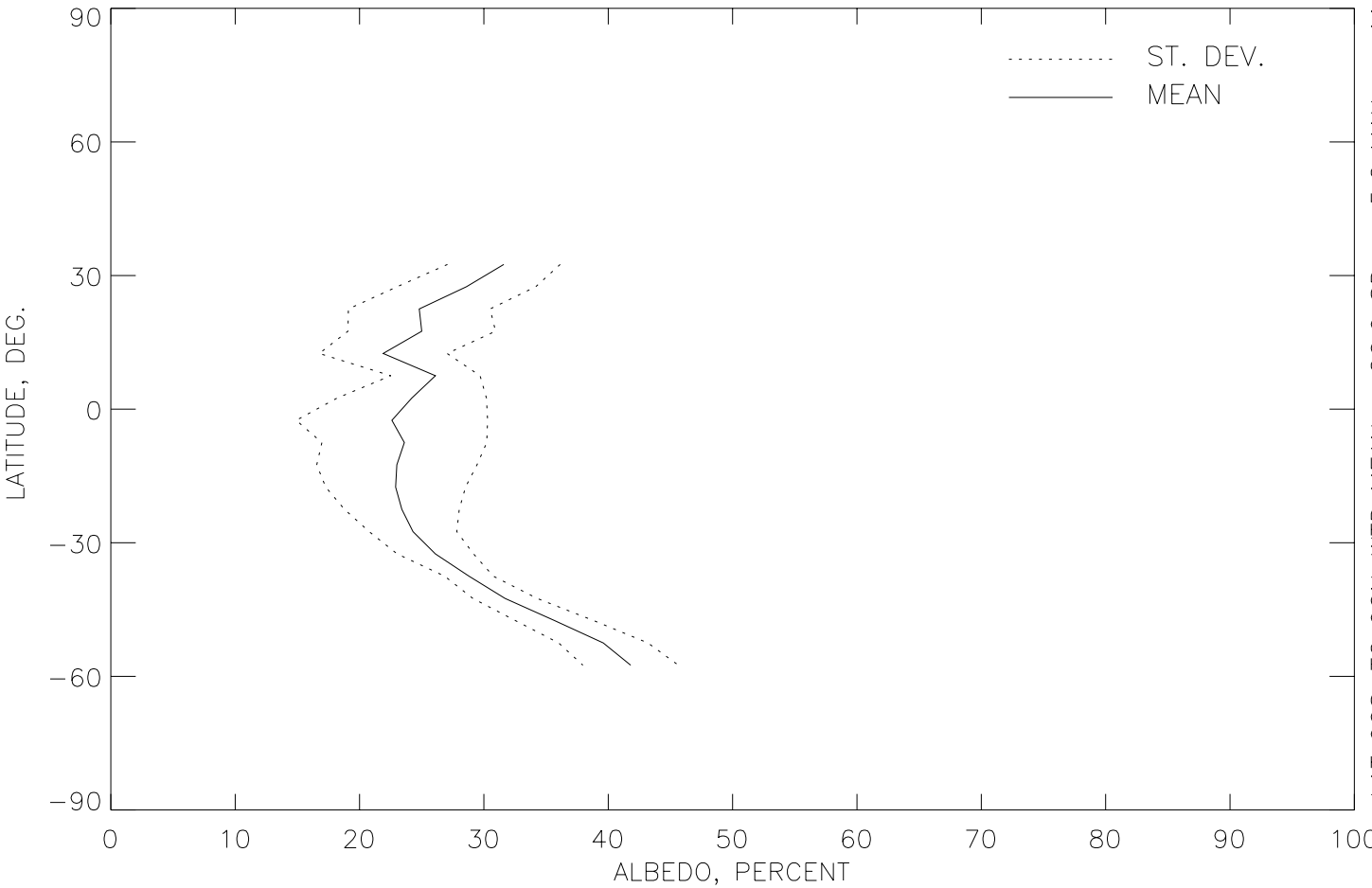


LAT 90S TO 90N	WTD MEAN= 96.4	SD= 19.5	MAX= 186.50				
LAT 0 TO 90N	WTD MEAN= 81.9	SD= 17.8	LAT= −57.50				
LAT 0 TO 50N	WTD MEAN= 85.7	SD= 18.0					
LAT 90S TO 0	WTD MEAN= 127.4	SD= 22.5	MIN= 40.60				
LAT 50S TO 0	WTD MEAN= 120.1	SD= 23.2	LAT= 52.50				
LAT 50S TO 50N	WTD MEAN= 105.4	SD= 21.1					

Earth Radiation Budget Experiment (ERBE) NASA Langley Research Center

ALBEDO

5^0 WFOV–NF, ERBS, :INDEPENDENT NS, ALB, NOV 84, HGMA, PRC–02–12–01

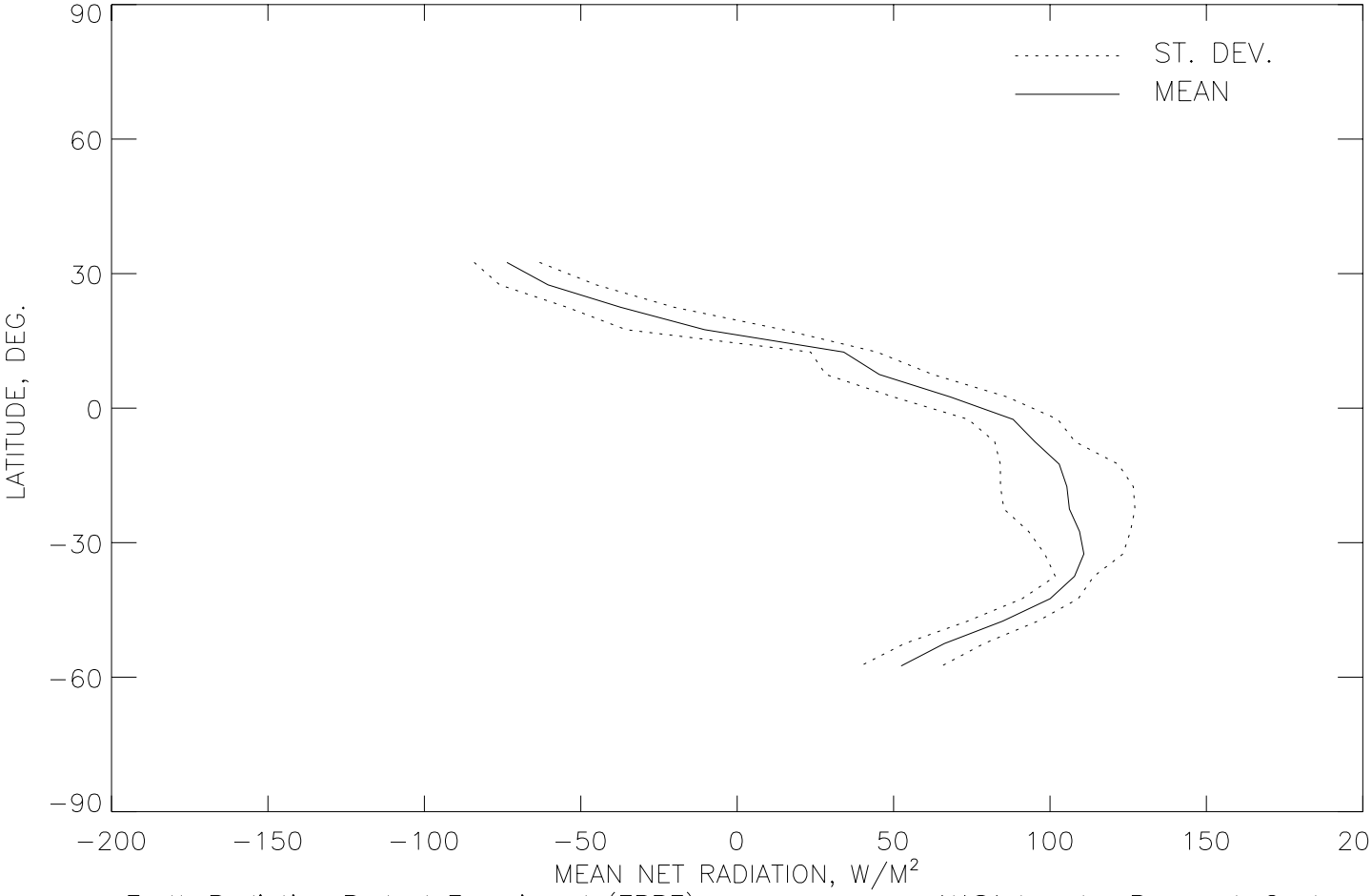


LAT 90S TO 90N	WTD MEAN= 26.9	SD= 5.2	MAX= 41.80			
LAT 0 TO 90N	WTD MEAN= 25.9	SD= 5.8	LAT= −57.50			
LAT 0 TO 50N	WTD MEAN= 25.5	SD= 5.3				
LAT 90S TO 0	WTD MEAN= 27.4	SD= 4.9	MIN= 21.90			
LAT 50S TO 0	WTD MEAN= 25.8	SD= 5.0	LAT= 12.50			
LAT 50S TO 50N	WTD MEAN= 25.7	SD= 5.1				

Earth Radiation Budget Experiment (ERBE) NASA Langley Research Center

NET RADIATION

5^0 WFOV–NF, ERBS, :INDEPENDENT NS, NET, NOV 84, HGMA, PRC–02–12–01

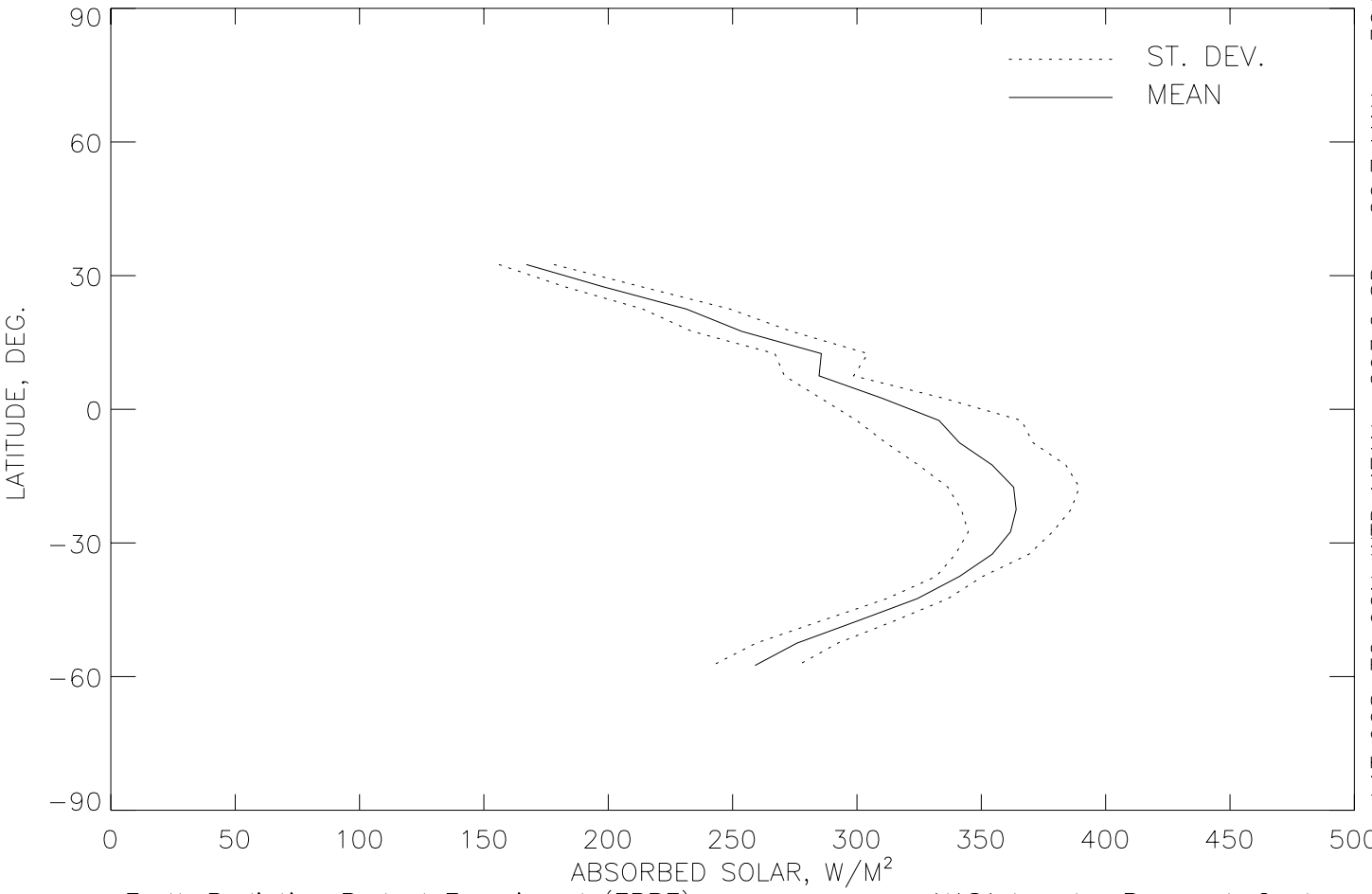


LAT 90S TO 90N WTD MEAN= 50.1 SD= 15.9 MAX= 110.84
LAT 0 TO 90N WTD MEAN= −13.9 SD= 17.0 LAT= −32.50
LAT 0 TO 50N WTD MEAN= −2.1 SD= 17.0
LAT 90S TO 0 WTD MEAN= 96.4 SD= 15.2 MIN= −141.61
LAT 50S TO 0 WTD MEAN= 101.2 SD= 15.4 LAT= 52.50
LAT 50S TO 50N WTD MEAN= 57.0 SD= 16.1

Earth Radiation Budget Experiment (ERBE) NASA Langley Research Center

ABSORBED SOLAR

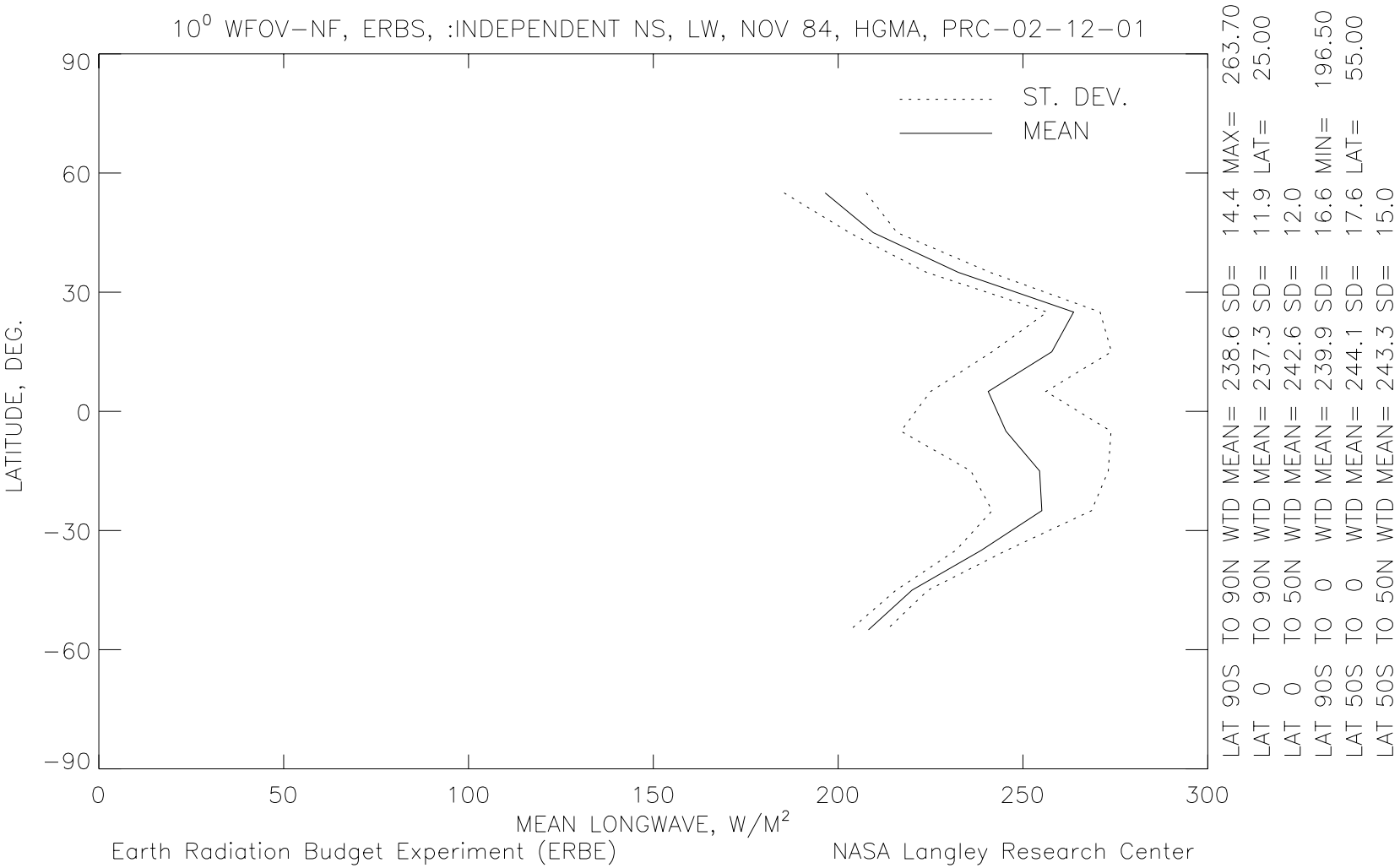
5^0 WFOV–NF, ERBS, :INDEPENDENT NS, ABSR, NOV 84, HGMA, PRC–02–12–01



LAT 90S TO 90N WTD MEAN= 293.2 SD= 20.7 MAX= 364.01
LAT 0 TO 90N WTD MEAN= 233.5 SD= 17.8 LAT= −22.50
LAT 0 TO 50N WTD MEAN= 249.9 SD= 18.0
LAT 90S TO 0 WTD MEAN= 336.3 SD= 22.5 MIN= 56.29
LAT 50S TO 0 WTD MEAN= 345.3 SD= 23.2 LAT= 52.50
LAT 50S TO 50N WTD MEAN= 304.5 SD= 21.1

Earth Radiation Budget Experiment (ERBE) NASA Langley Research Center

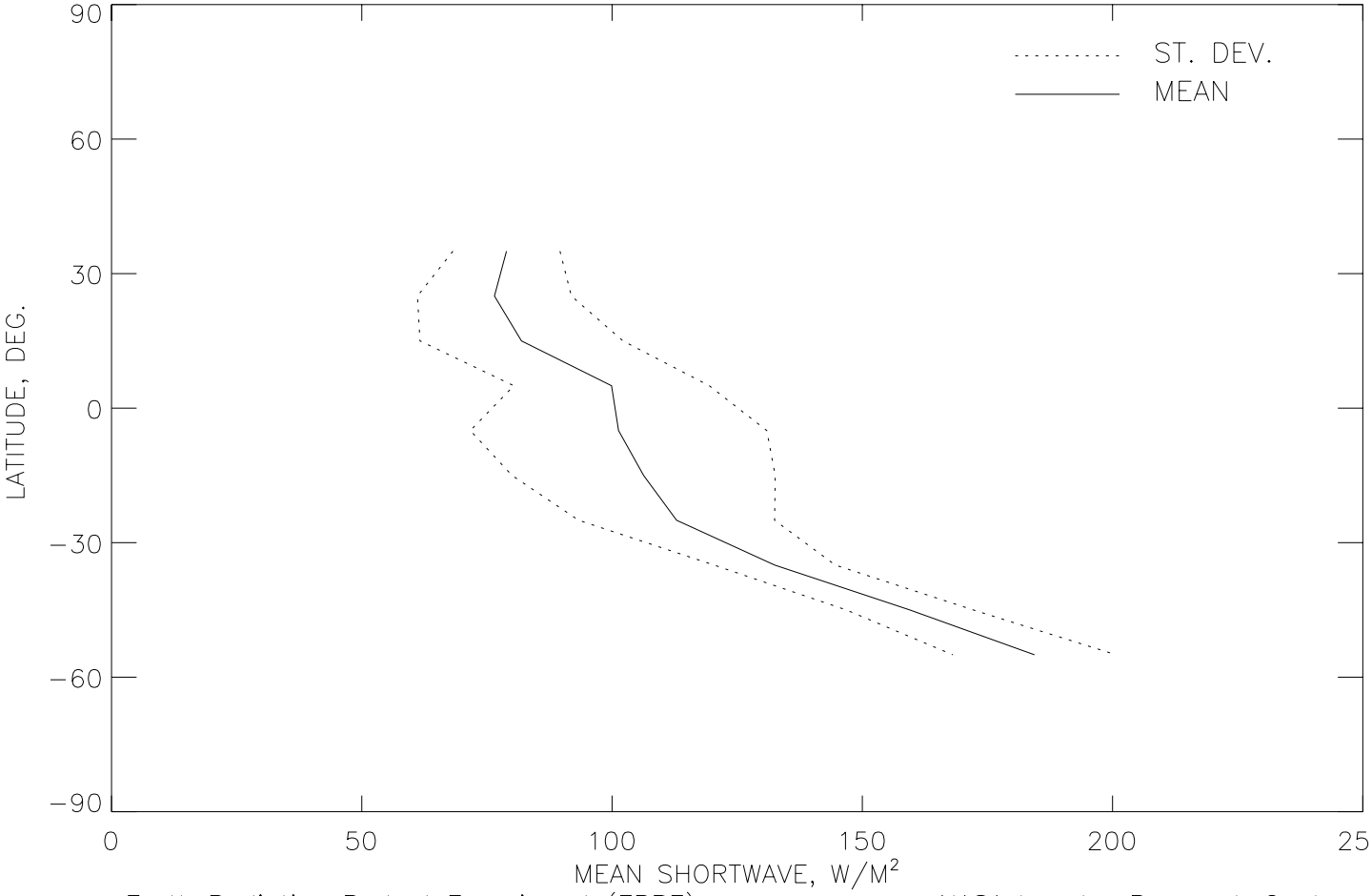
LONGWAVE



Earth Radiation Budget Experiment (ERBE) NASA Langley Research Center

SHORTWAVE

10^0 WFOV–NF, ERBS, :INDEPENDENT NS, SW, NOV 84, HGMA, PRC–02–12–01

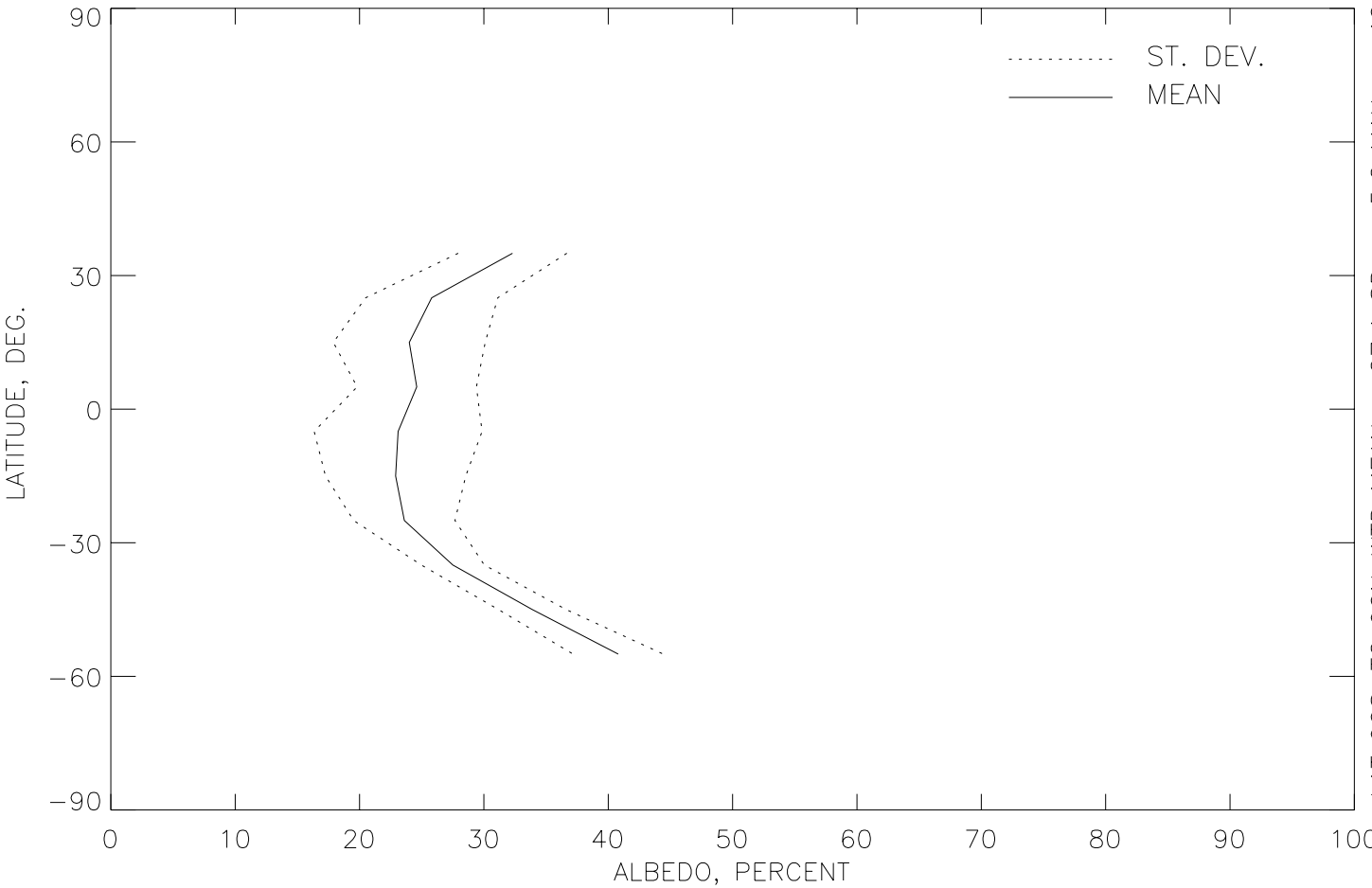


LAT 90S TO 90N WTD MEAN= 105.0 SD= 19.5 MAX= 184.40
LAT 0 TO 90N WTD MEAN= 78.8 SD= 17.0 LAT= −55.00
LAT 0 TO 50N WTD MEAN= 84.8 SD= 17.2
LAT 90S TO 0 WTD MEAN= 127.4 SD= 21.4 MIN= 40.60
LAT 50S TO 0 WTD MEAN= 120.0 SD= 22.0 LAT= 55.00
LAT 50S TO 50N WTD MEAN= 103.9 SD= 19.9

Earth Radiation Budget Experiment (ERBE) NASA Langley Research Center

ALBEDO

10^0 WFOV–NF, ERBS, :INDEPENDENT NS, ALB, NOV 84, HGMA, PRC–02–12–01

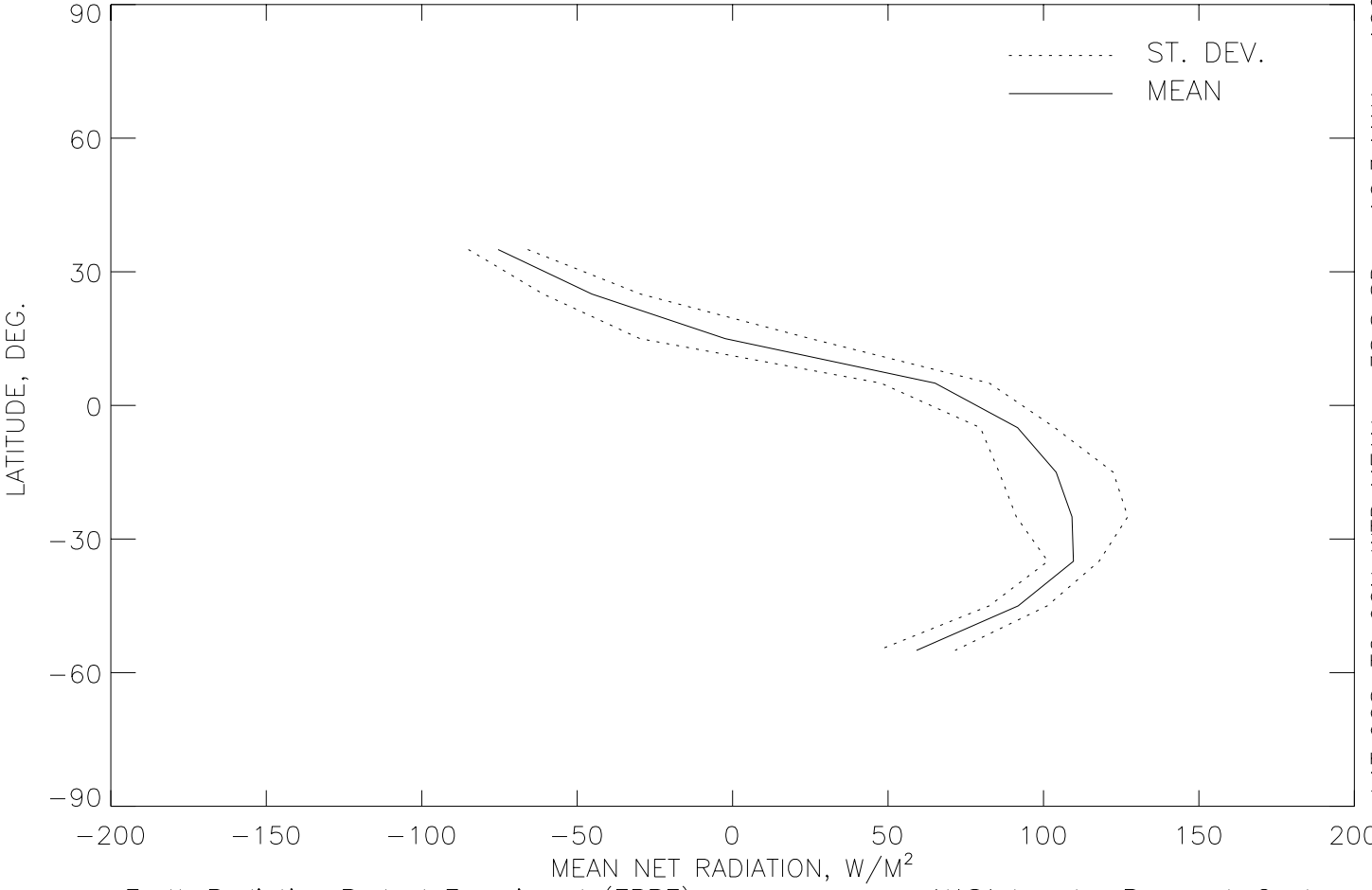


LAT 90S TO 90N	WTD MEAN=	27.1	SD=	5.2	MAX=	40.80
LAT 0 TO 90N	WTD MEAN=	26.6	SD=	6.1	LAT=	−55.00
LAT 0 TO 50N	WTD MEAN=	26.0	SD=	5.2		
LAT 90S TO 0	WTD MEAN=	27.5	SD=	4.6	MIN=	22.90
LAT 50S TO 0	WTD MEAN=	25.8	SD=	4.8	LAT=	−15.00
LAT 50S TO 50N	WTD MEAN=	25.8	SD=	4.9		

Earth Radiation Budget Experiment (ERBE) NASA Langley Research Center

NET RADIATION

10^0 WFOV–NF, ERBS, :INDEPENDENT NS, NET, NOV 84, HGMA, PRC–02–12–01

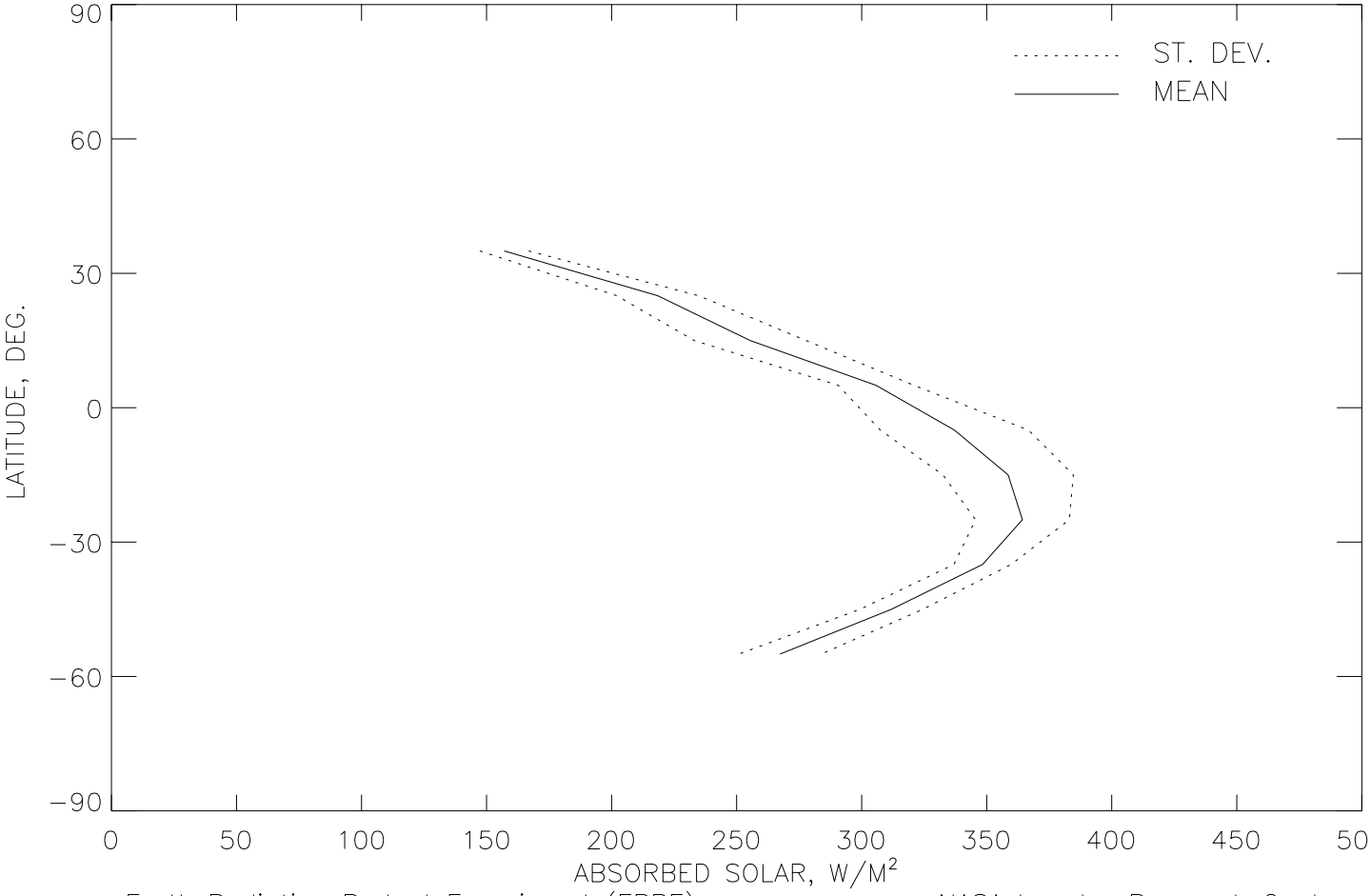


LAT 90S TO 90N WTD MEAN= 38.8 SD= 16.3 MAX= 109.64
LAT 0 TO 90N WTD MEAN= −28.5 SD= 18.6 LAT= −35.00
LAT 0 TO 50N WTD MEAN= −10.9 SD= 19.0
LAT 90S TO 0 WTD MEAN= 96.5 SD= 13.9 MIN= −141.61
LAT 50S TO 0 WTD MEAN= 101.4 SD= 14.1 LAT= 55.00
LAT 50S TO 50N WTD MEAN= 50.2 SD= 16.5

Earth Radiation Budget Experiment (ERBE) NASA Langley Research Center

ABSORBED SOLAR

10^0 WFOV–NF, ERBS, :INDEPENDENT NS, ABSR, NOV 84, HGMA, PRC–02–12–01

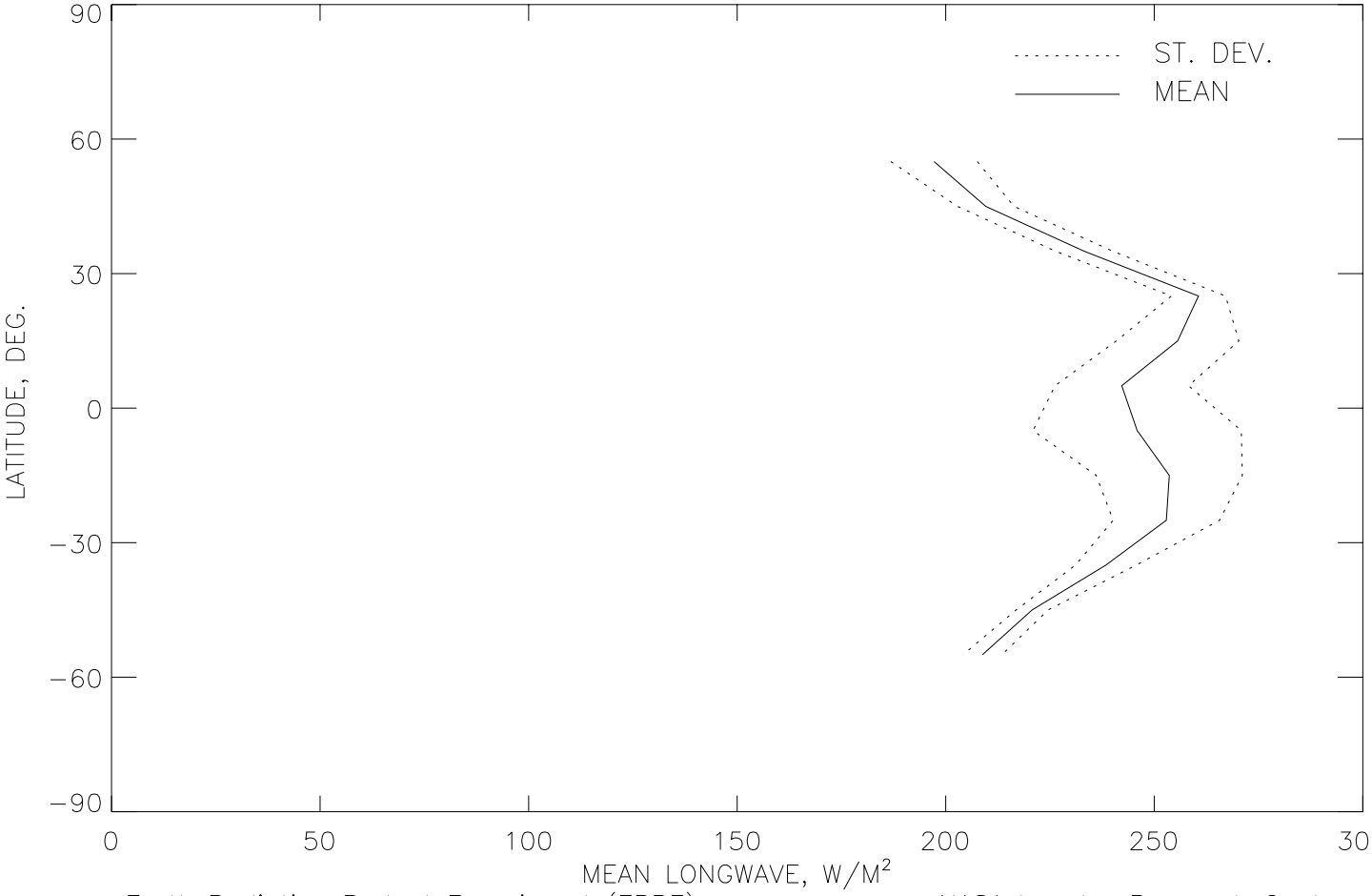


LAT 90S TO 90N WTD MEAN= 279.6 SD= 19.2 MAX= 364.28
LAT 0 TO 90N WTD MEAN= 213.4 SD= 16.6 LAT= −25.00
LAT 0 TO 50N WTD MEAN= 238.1 SD= 16.7
LAT 90S TO 0 WTD MEAN= 336.4 SD= 21.1 MIN= 54.89
LAT 50S TO 0 WTD MEAN= 345.5 SD= 21.7 LAT= 55.00
LAT 50S TO 50N WTD MEAN= 296.5 SD= 19.6

Earth Radiation Budget Experiment (ERBE) NASA Langley Research Center

LONGWAVE

10^0 WFOV–SF, ERBS, :INDEPENDENT NS, LW, NOV 84, HGMA, PRC–02–12–01

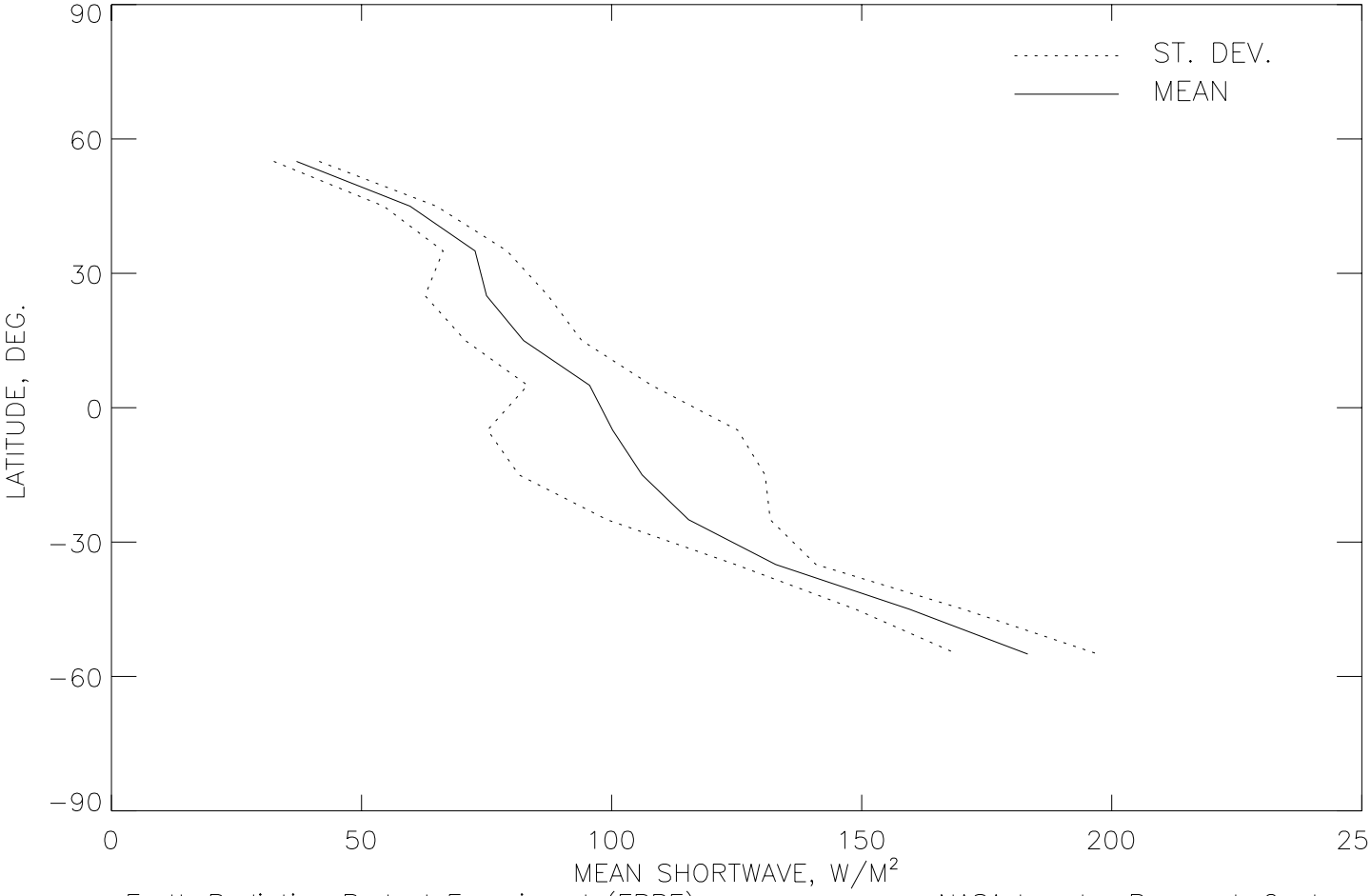


LAT 90S TO 90N	WTD MEAN= 238.2	SD= 13.3	MAX= 260.60				
LAT 0 TO 90N	WTD MEAN= 236.8	SD= 11.3	LAT= 25.00				
LAT 0 TO 50N	WTD MEAN= 242.0	SD= 11.4					
LAT 90S TO 0	WTD MEAN= 239.6	SD= 15.1	MIN= 197.20				
LAT 50S TO 0	WTD MEAN= 243.6	SD= 16.0	LAT= 55.00				
LAT 50S TO 50N	WTD MEAN= 242.8	SD= 13.9					

Earth Radiation Budget Experiment (ERBE) NASA Langley Research Center

SHORTWAVE

10^0 WFOV–SF, ERBS, :INDEPENDENT NS, SW, NOV 84, HGMA, PRC–02–12–01

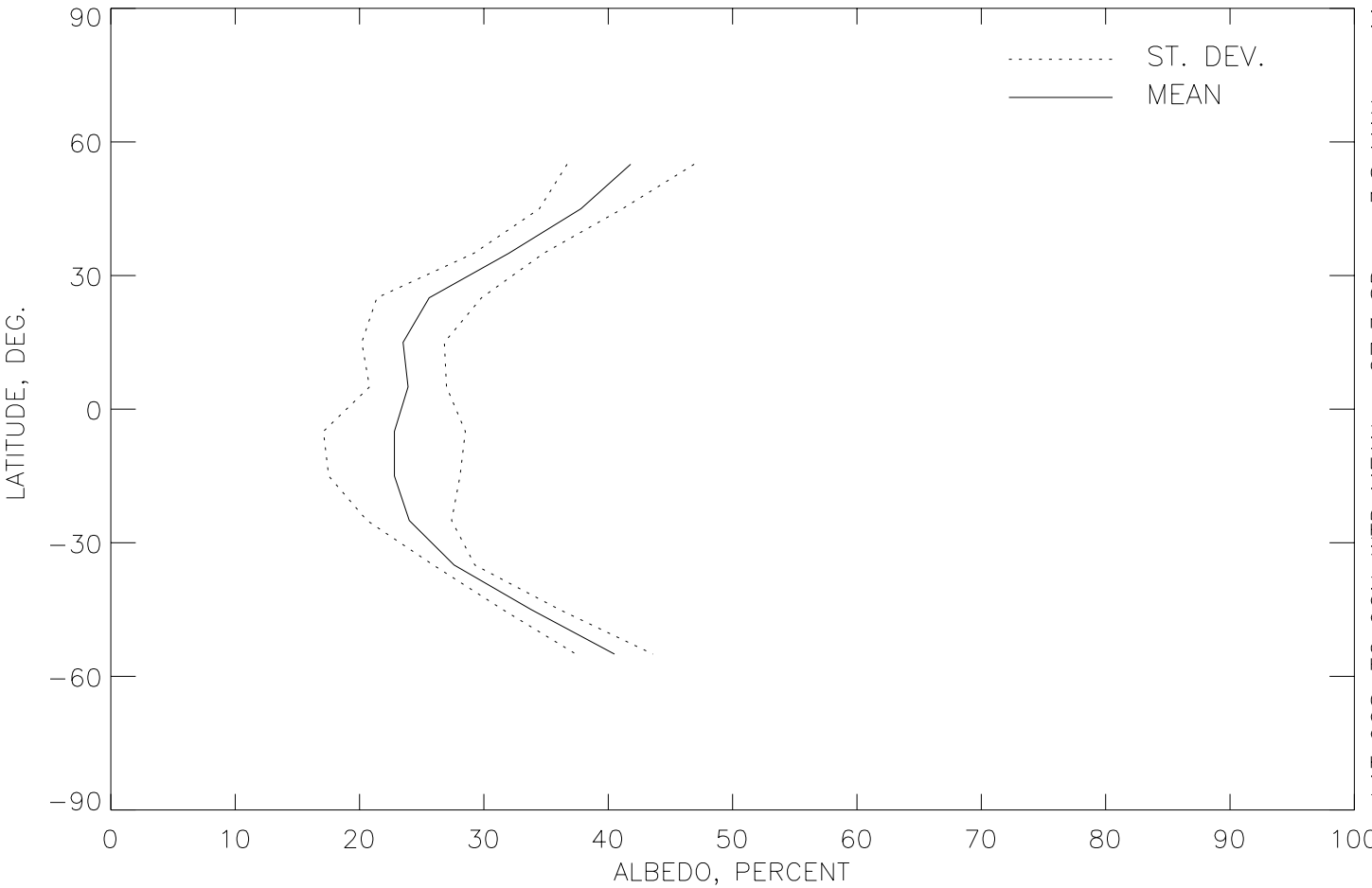


LAT 90S TO 90N WTD MEAN= 100.6 SD= 14.8 MAX= 183.20
LAT 0 TO 90N WTD MEAN= 73.6 SD= 9.9 LAT= −55.00
LAT 0 TO 50N WTD MEAN= 78.4 SD= 10.4
LAT 90S TO 0 WTD MEAN= 127.5 SD= 18.5 MIN= 37.00
LAT 50S TO 0 WTD MEAN= 120.3 SD= 19.0 LAT= 55.00
LAT 50S TO 50N WTD MEAN= 99.3 SD= 15.3

Earth Radiation Budget Experiment (ERBE) NASA Langley Research Center

ALBEDO

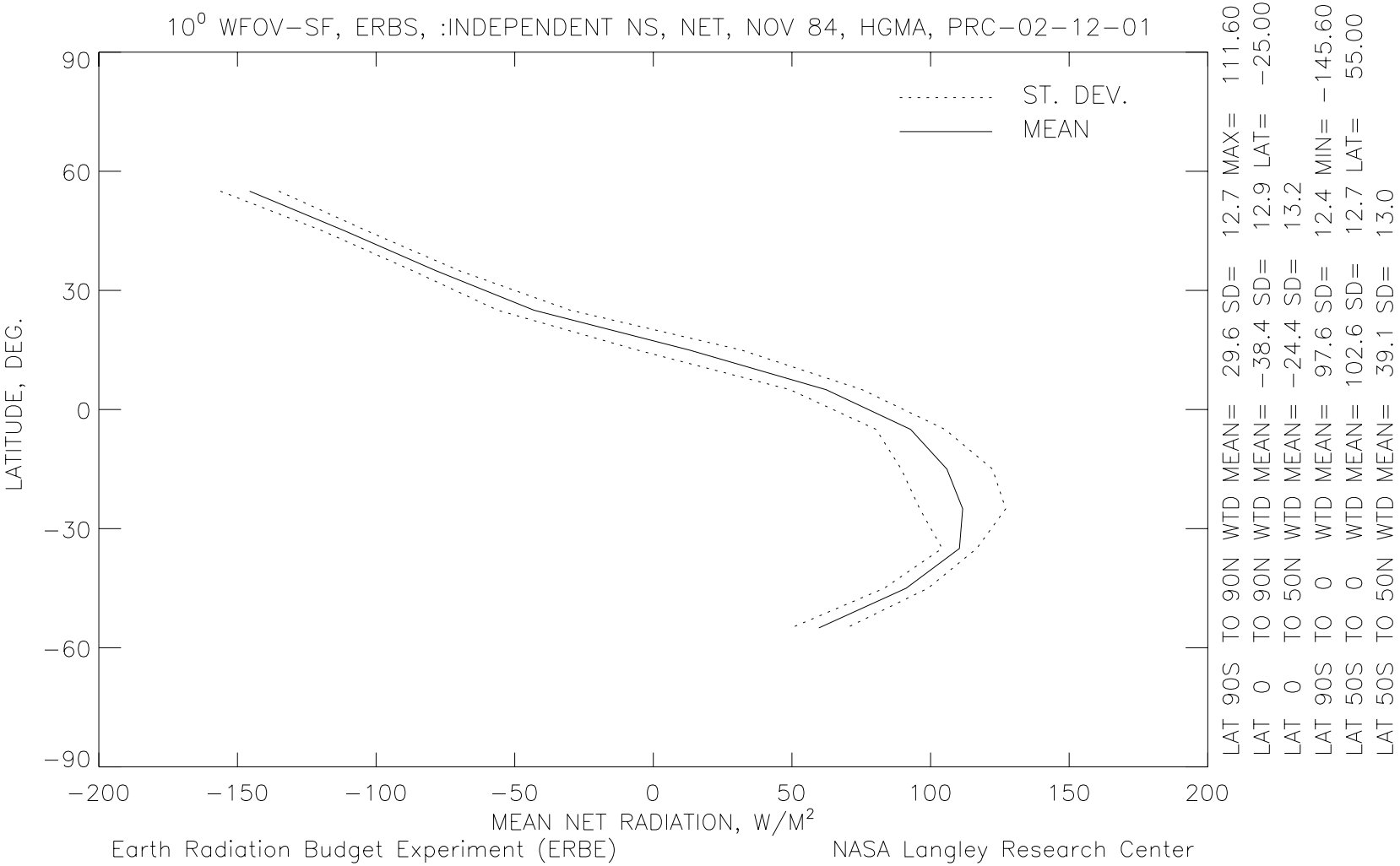
10^0 WFOV–SF, ERBS, :INDEPENDENT NS, ALB, NOV 84, HGMA, PRC–02–12–01



LAT 90S	TO 90N	WTD	MEAN=	27.3	SD=	3.8	MAX=	41.80
LAT 0	TO 90N	WTD	MEAN=	27.1	SD=	3.5	LAT=	55.00
LAT 0	TO 50N	WTD	MEAN=	26.5	SD=	3.4		
LAT 90S	TO 0	WTD	MEAN=	27.4	SD=	4.0	MIN=	22.80
LAT 50S	TO 0	WTD	MEAN=	25.8	SD=	4.1	LAT=	−5.00
LAT 50S	TO 50N	WTD	MEAN=	26.1	SD=	3.8		

Earth Radiation Budget Experiment (ERBE) NASA Langley Research Center

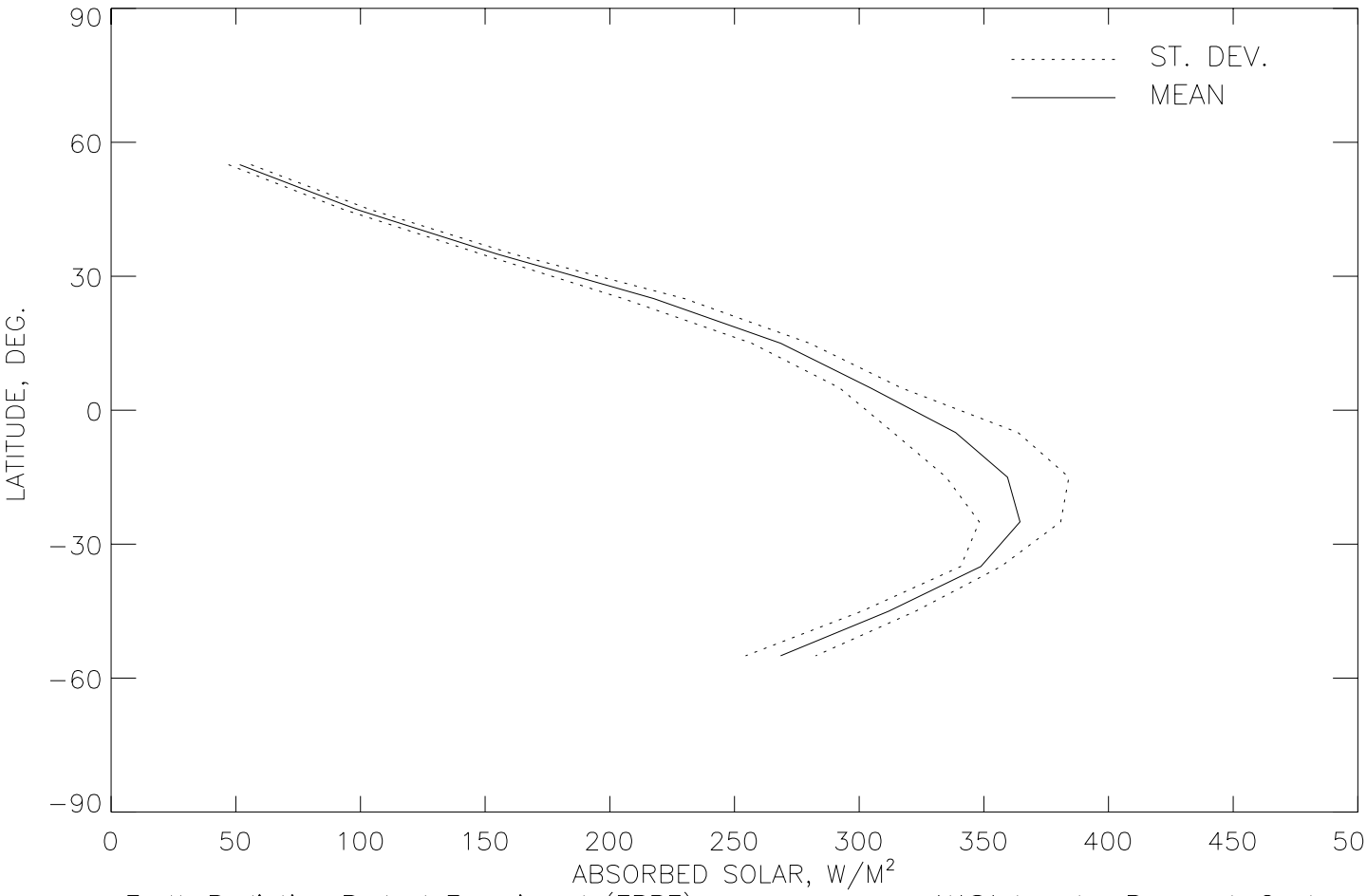
NET RADIATION



Earth Radiation Budget Experiment (ERBE) NASA Langley Research Center

ABSORBED SOLAR

10^0 WFOV–SF, ERBS, :INDEPENDENT NS, ABSR, NOV 84, HGMA, PRC–02–12–01



LAT 90S TO 90N WTD MEAN= 267.8 SD= 14.8 MAX= 364.50
LAT 0 TO 90N WTD MEAN= 198.4 SD= 9.9 LAT= −25.00
LAT 0 TO 50N WTD MEAN= 217.6 SD= 10.4
LAT 90S TO 0 WTD MEAN= 337.2 SD= 18.5 MIN= 51.60
LAT 50S TO 0 WTD MEAN= 346.2 SD= 19.0 LAT= 55.00
LAT 50S TO 50N WTD MEAN= 281.9 SD= 15.3

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