PLCONS COMMON

The block data for this common are loaded with PLSBEG. The variables that can be changed are changed by PLSNT and are marked *&PLSNT*.
See :hdref refid=ft02..

IDSRN(15)	I/O unit numbers for selective printing. *&PLSNT*
ISC	!
VJNE(16,2)	E mode voltage at middle of step
DVDE(16,2)	E mode voltage across step
CJN(16,2)	One dimensional distribution function = CURRNT*CJN/(VJNE**SN*DVDE)
VOLTSC	Not used = 0.01
J1E(2)	Min channel number used in calculating flux or distribution function
J2E(2)	Max channel number used in calculation flux etc.
FON(2)	Conversion factor for current in femto amps to
flux in	$/cm^2/sec$.
J3E(2)	Min channel number used in calculating temp
J4E(2)	Max channel number used in calculating temp
EN(2)	TEMP = EN*(VOLT(LOW)**2-VOLT(HI)**2)/ALOG10(DIST(HI)/DIST(LO))
SN(2)	See CJN above (defaulted to 1., 1.)
FAC(3)	Square root of ratio of integration times
SIGNOI	Signal noise level
DCRTN(256)	DC return current conversion table
VJNL(16)	L Mode voltage at middle of step
VJWL(17)	L Mode voltage at lower edge of step
VJNM(128)	M Mode voltage at middle of step
VJWM(129)	M Mode voltage at lower edge of step
II	Spacecraft ID, 1 Voyager 1, 0 Voyager 2 from SUMMARYT *&PLSNT*
IEND	Maximum # of calls to FNCDRV *&PLSNT*
EPS	Wanted fractional error in χ^2
FLAM	Normal starting value Λ for nonlinear fit *&PLSNT*
QK(4,2)	!
NK(4,2)	!
SK(4,2)	!
WK(4,2)	!
VK(4,2)	!
DELTAL(2)	!
IPQF(2,2)	# channels up from peak for alphas *&PLSNT*
IPRF(2,2)	# channels down form peak for alphas *&PLSNT*
IPQ(4,2)	# channels up from peak for protons *&PLSNT*
IPR(4,2)	# channels down from peak for protons *&PLSNT*
CN(4,3)	Directional cosines of cups
COSB(3)	Cosine of angle between cup and B field
COS2B(3)	Square of cosine of angle between cup and B field
SIN2B(3)	Square of sine of angle between cup and B field
CALCUR(12)	!
CLOCK(3)	Plasma cup integration time in sec.
CAP(2)	Integration capacitance in microfarads
GAIN(2)	Gain of amplifier
VO	Voltage for first step of modulator. Set in PLSBEG
ALPHA	N_α/N_p threshold for alpha analysis *&PLSNT*
NQ(4)	!
MASS(4)	!

KEY(4)	!
LANIS(4)	!
NCOM(2)	!
NVAR(2)	!
FNOIS	!
CSIG	Multiplier of CNOISE to get minimum current for analysis *&PLSNT*
FSIG	! *&PLSNT*
NS	Number of spectra to be averaged together *&PLSNT*
xtras(243)	Spares