```
                           ===========
                           LEVEL2 data
                                      *
                            (R-0.01)
                           ===========
```

LEVEL2 nt-uple structure:

Ntuple ID = 22	Entries = 4993			LEVEL2
Var numb	Type	Packing	Range	Block	Name
1	L*4	1		EVENT	GOOD2
2	I*4			EVENT	NEV2
1	I*4			CPU	PKT_TYPE
2	I*4			CPU	PKT_NUM
3	I*4			CPU	OBT
4	I*4			CPU	WHICH_CALIB
1	I*4		[0,50]	TRACKS	NTRK
2	R*4			TRACKS	XM(6,NTRK)
3	R*4			TRACKS	YM(6,NTRK)
4	R*4			TRACKS	ZM(6,NTRK)
5	R*4			TRACKS	RESX(6,NTRK)
6	R*4			TRACKS	RESY(6,NTRK)
7	R*4			TRACKS	AL(5,NTRK)
8	R*4			TRACKS	CHI2(NTRK)
9	I*4			TRACKS	XGOOD(6,NTRK)
10	I*4			TRACKS	YGOOD(6,NTRK)
11	R*4			TRACKS	XV(6,NTRK)
12	R*4			TRACKS	YV(6,NTRK)
13	R*4			TRACKS	ZV(6,NTRK)
14	R*4			TRACKS	AXV(6,NTRK)
15	R*4			TRACKS	AYV(6,NTRK)
1	I*4			SINGLETS	NCLSX(6)
2	I*4			SINGLETS	NCLSY(6)

Block	Entries	Unpacked	Packed	Packing Factor
EVENT	4993	8	5	1.600
CPU	4993	16	16	1.000
TRACKS	4993	15604	Var.	Variable
SINGLETS	4993	48	48	1.000
Total	---	15676	Var.	Variable

Blocks = 4 Variables = 23 Max. Columns = 3919

The EVENT block stores the global event flag GOOD2 and the event counter NEV2.

The CPU block stores the event tag extracted from the physics-packet
CPU-header (PKT_TYPE, PKT_NUM, OBT) and a variable that relates each event to
the calibration parameters (WHICH_CALIB).
(If WHICH_CALIB=0 (missing calibration) then GOOD2=.FALSE.)

The TRACKS block stores track information:
- NTRK - number of identified tracks
- XM(6,NTRK) - measured coordinates associated to the track
- YM(6,NTRK) ’
- ZM(6,NTRK) ’
- RESX(6,NTRK) - spatial resolution associated to each coordinate
- RESY(6,NTRK) ’
- AL(5,NTRK) - TRACK PARAMETERS: X0,Y0,sin(THETA0),PHI0,DEFLECTION
- CHI2(NTRK) - reduced chi^2 of the track
- XGOOD(6,NTRK) - flag indicating if a plane was included in the track fitting
- YGOOD(6,NTRK) ’
- XV(6,NTRK) - calculated coordinates
- YV(6,NTRK) ’
- ZV(6,NTRK) ’
- AXV(6,NTRK) - calculated angles
- AYV(6,NTRK) ’

The SINGLETS block stores information about those clusters not associated with
any track:
- NCLSX(6) - number of singlets in each plane
- NCLSY(6) ’