

ENSDF Standard 80-character Formatted Records

	1		2		3		4		5		6		7		8																					
Record	1	5	6	7	8	9	0	9	0	1	2	9	0	1	2	9	0	1	2	9	0	5	6	0	2	3	4	5	0	4	5	6	7	8	9	0
IDENT	NUCID	&	blank	←-----DSID-----→												DSREF					←-----PUB-----→			←-----DATE-----→												
XREF	NUCID	blank	X!	←-----DSID-----→												blank																				
REF	AAA	blank	R	bl	KEYNUMBER		REFERENCE																													
HIST	NUCID	&	bl	H	bl	←-----HTEXT-----→																														
Q-VALUE	NUCID	blank	Q	bl	Q-	DQE	SN	DSN	SP	DSP	QA	DQA	QREF																							
G COMM	NUCID	&	†	#	bl	CTEXT																														
F/R COMM	NUCID	&	†	#	‡	SYM(FLAG)		CTEXT																												
PARENT	NUCID	blank	P	§	E	DE	←-----J-----→				←-----T-----→		DT	blank		QP	DQE	←-ION->																		
NORM	NUCID	blank	N	§	NR	DNR	NT	DNT	BR	DBR	NB	DNB	NP	DNP	blank																					
P NORM	NUCID	&	P	N	§	NR*BR	UNC	NT*BR	UNC	blank		NB*BR	UNC	NP	DNP	blank																				
LEVEL	NUCID	&	bl	L	bl	E	DE	←-----J-----→				←-----T-----→		DT	←-----L-----→		←-----S-----→		DS	F	MS	Q														
BETA	NUCID	&	bl	B	bl	E	DE	IB	DIB	blank		LOGFT	DFT	blank				F	UN	Q																
EC	NUCID	&	bl	E	bl	E	DE	IB	DIB	IE	DIE	LOGFT	DFT	blank				F	UN	Q																
ALPHA	NUCID	&	bl	A	bl	E	DE	IA	DIA	HF	DHF	blank																F	bl	Q						
PART	NUCID	&	bl	¶	E	DE	IP	DIP	ED	←-----T-----→		DT	←-----L-----→		blank				F	C	bl	Q														
GAMMA	NUCID	&	bl	G	bl	E	DE	RI	DRI	←-----M-----→		MR	DMR	CC	DCC	TI	DTI	F	C	bl	Q															

Notes:

- blank These fields must be blank.
- & Primary record must have a blank or "1" in this field. Continuation records should have any printable ASCII character except for blank or "1" (one).
- ! Unique alphanumeric character identifying the source data set.
- † Allowed characters for this field are C, c, D, T, and t.
- # Character identifying the record being commented on. Allowed characters for this field are N, P, Q, L, G, B, E, A, D, and blank.
- ‡ Must be blank except for: 1) Particle code for a (delayed-)particle record. 2) Sequence number for normalization and parent records.
- § Must be blank except when there are multiple parent records then this field should contain an integer relating the parent record to the related normalization record.
- ¶ Byte 8 must either be blank for a prompt particle radiation or D for a delayed particle radiation. Byte 9 identifies the particle (N, P, D, or T).