g or gluon

$I(J^P) = 0(1^-)$

SU(3) color octet

Mass $m = 0$. Theoretical value. A mass as large as a few MeV may not be precluded, see YNDURAIN 95.

VALUE	*DOCUMENT ID*	*TECN*	*COMMENT*
• • • We do not use the following data for averages, fits, limits, etc. • • •			
	ABREU 92E	DLPH	Spin 1, not 0
	ALEXANDER 91H	OPAL	Spin 1, not 0
	BEHREND 82D	CELL	Spin 1, not 0
	BERGER 80D	PLUT	Spin 1, not 0
	BRANDELIK 80C	TASS	Spin 1, not 0

gluon REFERENCES

YNDURAIN	95	PL B345 524		(MADU)
ABREU	92E	PL B274 498	+Adam, Adami, Adye, Akesson+	(DELPHI Collab.)
ALEXANDER	91H	ZPHY C52 543	+Allison, Allport, Anderson+	(OPAL Collab.)
BEHREND	82D	PL B110 329	+Chen, Field, Guempel, Schroeder+	(CELLO Collab.)
BERGER	80D	PL B97 459	+Genzel, Grigull, Lackas+	(PLUTO Collab.)
BRANDELIK	80C	PL B97 453	+Braunschweig, Gather, Kadansky+	(TASSO Collab.)