

g (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.

gluon spin

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	F.J. Yndurain	(MADU)
ABREU	92E	PL B274 498	P. Abreu <i>et al.</i>	(DELPHI Collab.)
ALEXANDER	91H	ZPHY C52 543	G. Alexander <i>et al.</i>	(OPAL Collab.)
BEHREND	82D	PL B110 329	H.J. Behrend <i>et al.</i>	(CELLO Collab.)
BERGER	80D	PL B97 459	C. Berger <i>et al.</i>	(PLUTO Collab.)
BRANDELIK	80C	PL B97 453	R. Brandelik <i>et al.</i>	(TASSO Collab.)