

g (gluon)

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

NODE=G021

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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

NODE=G021K
NODE=G021K

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

NODE=G021

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.)

REFID=44129
REFID=41975
REFID=42036
REFID=43778
REFID=43779
REFID=43780