NODE=G021

g (gluon)

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

NODE=G021

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)	REFID=44129
ABREU	92E	PL B274 498	P. Abreu *et al.*	(DELPHI Collab.)	REFID=41975
ALEXANDER	91H	ZPHY C52 543	G. Alexander *et al.*	(OPAL Collab.)	REFID=42036
BEHREND	82D	PL B110 329	H.J. Behrend *et al.*	(CELLO Collab.)	REFID=43778
BERGER	80D	PL B97 459	C. Berger *et al.*	(PLUTO Collab.)	REFID=43779
BRANDELIK	80C	PL B97 453	R. Brandelik *et al.*	(TASSO Collab.)	REFID=43780