

**$\Upsilon(11020)$**

$$I^G(J^{PC}) = 0^-(1^{--})$$

### $\Upsilon(11020)$ MASS

<u>VALUE (GeV)</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
<b>11.019±0.008 OUR AVERAGE</b>			
11.019±0.005±0.007	BESSION	85	CLEO $e^+e^- \rightarrow$ hadrons
11.020±0.030	LOVELOCK	85	CUSB $e^+e^- \rightarrow$ hadrons

### $\Upsilon(11020)$ WIDTH

<u>VALUE (MeV)</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
<b>79±16 OUR AVERAGE</b>			
61±13±22	BESSION	85	CLEO $e^+e^- \rightarrow$ hadrons
90±20	LOVELOCK	85	CUSB $e^+e^- \rightarrow$ hadrons

### $\Upsilon(11020)$ DECAY MODES

<u>Mode</u>	<u>Fraction (<math>\Gamma_i/\Gamma</math>)</u>
$\Gamma_1 \quad e^+e^-$	$(1.6\pm 0.5) \times 10^{-6}$

### $\Upsilon(11020)$ PARTIAL WIDTHS

<u><math>\Gamma(e^+e^-)</math></u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>	<u><math>\Gamma_1</math></u>
<b>0.130±0.030 OUR AVERAGE</b>				
0.095±0.03 ±0.035	BESSION	85	CLEO $e^+e^- \rightarrow$ hadrons	
0.156±0.040	LOVELOCK	85	CUSB $e^+e^- \rightarrow$ hadrons	

### $\Upsilon(11020)$ REFERENCES

BESSION	85	PRL 54 381	D. Besson <i>et al.</i>	(CLEO Collab.)
LOVELOCK	85	PRL 54 377	D.M.J. Lovelock <i>et al.</i>	(CUSB Collab.)