

$\Upsilon(11020)$

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

$\Upsilon(11020)$ MASS

| <u>VALUE (GeV)</u> | <u>DOCUMENT ID</u> | <u>TECN</u> | <u>COMMENT</u> |
|---------------------------------|--------------------|-------------|------------------------------|
| 11.019±0.008 OUR AVERAGE | | | |
| 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> |
|--------------------------|--------------------|-------------|------------------------------|
| 79±16 OUR AVERAGE | | | |
| 61±13±22 | BESSION | 85 CLEO | $e^+e^- \rightarrow$ hadrons |
| 90±20 | LOVELOCK | 85 CUSB | $e^+e^- \rightarrow$ hadrons |

$\Upsilon(11020)$ DECAY MODES

| Mode | Fraction (Γ_i/Γ) |
|-------------------------|--------------------------------|
| $\Gamma_1 \quad e^+e^-$ | $(1.6\pm 0.5) \times 10^{-6}$ |

$\Upsilon(11020)$ PARTIAL WIDTHS

| $\Gamma(e^+e^-)$ | <u>DOCUMENT ID</u> | <u>TECN</u> | <u>COMMENT</u> | Γ_1 |
|--------------------------------|--------------------|-------------|------------------------------|------------|
| 0.130±0.030 OUR AVERAGE | | | | |
| 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.) |