

$\Upsilon(11020)$ 

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

 **$\Upsilon(11020)$  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**

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

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

$\Gamma(e^+e^-)$	$\Gamma_1$		
<u>VALUE (keV)</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</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.)