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Review of V_{cb} Measurements

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Abstract

A review of measurements of the CKM matrix element, V_{cb}, performed both at LEP and at the $\Upsilon(4S)$ is presented. By averaging results from inclusive semileptonic B decays and from $B \to D^* \ell \nu$ decays (using the zero recoil technique), $|V_{cb}|$ is determined :

$$|V_{cb}| = 0.0395 \pm 0.0020 \, .$$

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