





	$b \rightarrow s\gamma$ inclusiv	е		
$b \rightarrow s\gamma$ rate: sensitive to deviations from the SM, world average in good agreement with SM predictions.				
Photon energy E_{γ} distribution: depends on m_b and Fermi motion parameter in the B system (parameters of HQE); also important for the determination of V_{ub} in semileptonic B decays.				
Previous measurement by CLEO: $E_{\gamma} > 2.0$ GeV.				
Belle: extend the energy range to $E_{\gamma} > 1.8$ GeV to cover >95% of the rate.				
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	b \rightarrow s γ inclusive				
•	Consider all p	photons with $E_{\gamma} > 1.5$ Ge	eV		
•	• Reject candidates compatible with π^0 , $\eta \rightarrow \gamma\gamma$				
•	Apply stringent continuum cuts (event shape and energy flow variables)				
•	 Subtract the remaining continuum component as determined with off-resonance data 				
•	 Other sources: inferred from data-corrected MC and subtracted 				
• Signal selection optimisation: maximize the significance in the 1.8GeV <e_{\gamma} <1.9="" gev="" interval<="" td=""></e_{\gamma}>					
_			data sample 140/fb		
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