B^0 decays without kaons

Decay Mode	Experiment	N_S	N_B	$\mathcal{B}$ (10^{-6})	Theory (10^{-6})
$\pi^+\pi^-$	CLEO II	10.0^*	-	< 15	8–26
$\pi^0\pi^0$	CLEO II	1.2^*	-	< 20	0.2–0.6
$\rho^\pm\pi^\mp$	CLEO II	7	2.9 ± 0.7	< 88	23–81
$\rho^0\pi^0$	CLEO II	1	1.8 ± 0.6	< 24	0.7–3
$\rho^+\rho^-$	ARGUS			< 2200	0–34
$\rho^0\rho^0$	ALEPH	0		< 51	0–2
$\eta\pi^0$	L3	0		< 250	2–4
$\eta\eta$	L3	0		< 400	0.03–14
$\eta\rho^0$	CLEO II	1	0.8 ± 0.2	< 84	0.1–8
$\eta'\pi^0$					4–14
$\eta'\eta$					4–44
$\eta'\eta'$					0.7–28
$\eta'\rho^0$					2–12
$\omega\pi^0$	ARGUS			< 460	0.1–12
$\omega\eta$					1–5
$\omega\eta'$					3–17
$\omega\omega$					0–3
$\omega\rho^0$	CLEO II	0	1.2 ± 0.3	< 34	0.4
$a_1^\pm\pi^\mp$	ALEPH	1		< 300	
$a_1^0\pi^0$	ARGUS			< 1100	
$a_2^\pm\pi^\mp$	CLEO I	1	10.4 ± 4.7	< 300	
$a_1^0\rho^0$	ARGUS			< 2400	
$a_1^\pm\rho^\mp$	ARGUS			< 3400	
$a_1^+a_1^-$	ALEPH	0		< 690	

* Maximum likelihood fit - N_S does not include any background