

$g_{\text{displaced}}$	Predicted background	Observation	Z-value
(0.96, 0.97)	68.39 ± 12.60	52	-1.06
(0.97, 0.98)	67.55 ± 9.46	77	0.80
(0.98, 0.99)	76.18 ± 8.95	72	-0.27
(0.99, 0.995)	38.82 ± 5.08	45	0.84
(0.995, 0.998)	25.41 ± 3.87	26	0.22
(0.998, 0.9985)	2.83 ± 1.17	5	1.25
(0.9985, 1.0)	3.34 ± 1.28	3	0.19