

Histogram	N	χ^2	prob.	fit μ	fit σ
CR BBantiTT $\rho \in (0, 40]$ ph1	10656	67.35	0.7999	0.0354 $\pm$ 0.004	0.269 $\pm$ 0.005
CR BBantiTT $\rho \in (0, 40]$ ph2	10656	88.88	0.1876	0.0349 $\pm$ 0.004	0.268 $\pm$ 0.005
CR BBantiTT $\rho \in (40, 80]$ ph1	6383	97.93	0.06308	0.0333 $\pm$ 0.005	0.27 $\pm$ 0.006
CR BBantiTT $\rho \in (40, 80]$ ph2	6383	105.9	0.04556	0.0379 $\pm$ 0.005	0.285 $\pm$ 0.007
CR BBantiTT $\rho \in (80, 130]$ ph1	2885	71.29	0.5349	0.0259 $\pm$ 0.007	0.257 $\pm$ 0.009
CR BBantiTT $\rho \in (80, 130]$ ph2	2885	88.56	0.3458	0.0424 $\pm$ 0.008	0.291 $\pm$ 0.01
CR BBantiTT $\rho \in (130, 200]$ ph1	1364	93.37	0.0741	0.0547 $\pm$ 0.01	0.269 $\pm$ 0.01
CR BBantiTT $\rho \in (130, 200]$ ph2	1364	48.9	0.9682	0.0574 $\pm$ 0.01	0.26 $\pm$ 0.02
CR BBantiTT $\rho \in (200, 320]$ ph1	735	56.05	0.8276	0.0221 $\pm$ 0.01	0.221 $\pm$ 0.01
CR BBantiTT $\rho \in (200, 320]$ ph2	735	85.41	0.06412	0.0311 $\pm$ 0.01	0.232 $\pm$ 0.02
CR BBantiTT $\rho \in (320, 440]$ ph1	231	48.49	0.9996	0.0263 $\pm$ 0.04	0.367 $\pm$ 0.06
CR BBantiTT $\rho \in (320, 440]$ ph2	231	52.37	0.9998	0.00774 $\pm$ 0.06	0.477 $\pm$ 0.09
CR BBantiTT $\rho \in (440, 2000]$ ph1	228	57.54	0.9989	0.035 $\pm$ 0.05	0.435 $\pm$ 0.09
CR BBantiTT $\rho \in (440, 2000]$ ph2	228	52.62	0.9997	0.0393 $\pm$ 0.06	0.442 $\pm$ 0.09
Histogram	N	χ^2	prob.	fit μ	fit σ
VR BBantiTT $\rho \in (0, 40]$ ph1	5599	89.2	0.0956	0.0364 $\pm$ 0.005	0.254 $\pm$ 0.006
VR BBantiTT $\rho \in (0, 40]$ ph2	5599	76.18	0.6001	0.0267 $\pm$ 0.005	0.275 $\pm$ 0.007
VR BBantiTT $\rho \in (40, 80]$ ph1	3651	61.76	0.8812	0.0518 $\pm$ 0.007	0.264 $\pm$ 0.008
VR BBantiTT $\rho \in (40, 80]$ ph2	3651	79.01	0.6625	0.0276 $\pm$ 0.007	0.294 $\pm$ 0.009
VR BBantiTT $\rho \in (80, 130]$ ph1	1693	93.87	0.1064	0.0231 $\pm$ 0.01	0.27 $\pm$ 0.01
VR BBantiTT $\rho \in (80, 130]$ ph2	1693	63.22	0.9691	0.0226 $\pm$ 0.01	0.304 $\pm$ 0.01
VR BBantiTT $\rho \in (130, 200]$ ph1	815	71.68	0.9104	0.0326 $\pm$ 0.02	0.305 $\pm$ 0.02
VR BBantiTT $\rho \in (130, 200]$ ph2	815	66.75	0.6526	0.0271 $\pm$ 0.02	0.288 $\pm$ 0.03
VR BBantiTT $\rho \in (200, 320]$ ph1	411	91.93	0.366	0.0235 $\pm$ 0.03	0.327 $\pm$ 0.04
VR BBantiTT $\rho \in (200, 320]$ ph2	411	69.95	0.8459	0.0365 $\pm$ 0.02	0.288 $\pm$ 0.03
VR BBantiTT $\rho \in (320, 440]$ ph1	169	30.96	1	0.0431 $\pm$ 0.07	0.477 $\pm$ 0.1
VR BBantiTT $\rho \in (320, 440]$ ph2	169	34.85	1	0.0376 $\pm$ 0.1	0.586 $\pm$ 0.2
VR BBantiTT $\rho \in (440, 2000]$ ph1	133	27.74	1	0.00523 $\pm$ 0.2	0.696 $\pm$ 0.3
VR BBantiTT $\rho \in (440, 2000]$ ph2	133	26.14	1	0.0444 $\pm$ 0.08	0.46 $\pm$ 0.1

Histogram	N	χ^2	prob.	fit μ	fit σ
CR BEantiTT $\rho \in (0, 40]$ ph1	21047	60.7	0.8263	0.00625 $\pm$ 0.003	0.249 $\pm$ 0.003
CR BEantiTT $\rho \in (0, 40]$ ph2	21047	72.53	0.5265	0.002 $\pm$ 0.003	0.259 $\pm$ 0.003
CR BEantiTT $\rho \in (40, 80]$ ph1	17892	81.19	0.3207	0.015 $\pm$ 0.003	0.261 $\pm$ 0.004
CR BEantiTT $\rho \in (40, 80]$ ph2	17892	76.55	0.5253	0.0119 $\pm$ 0.003	0.27 $\pm$ 0.004
CR BEantiTT $\rho \in (80, 130]$ ph1	9795	92.06	0.1883	0.0212 $\pm$ 0.004	0.278 $\pm$ 0.005
CR BEantiTT $\rho \in (80, 130]$ ph2	9795	69.27	0.8596	0.0129 $\pm$ 0.004	0.287 $\pm$ 0.005
CR BEantiTT $\rho \in (130, 200]$ ph1	4742	76.93	0.3239	0.0136 $\pm$ 0.005	0.25 $\pm$ 0.007
CR BEantiTT $\rho \in (130, 200]$ ph2	4742	93.85	0.1951	0.00708 $\pm$ 0.006	0.287 $\pm$ 0.008
CR BEantiTT $\rho \in (200, 320]$ ph1	2133	109.8	0.00678	0.0235 $\pm$ 0.009	0.264 $\pm$ 0.01
CR BEantiTT $\rho \in (200, 320]$ ph2	2133	76.31	0.6266	0.0146 $\pm$ 0.01	0.287 $\pm$ 0.01
CR BEantiTT $\rho \in (320, 440]$ ph1	568	97	0.02643	0.00536 $\pm$ 0.02	0.231 $\pm$ 0.02
CR BEantiTT $\rho \in (320, 440]$ ph2	568	87.07	0.2758	0.00633 $\pm$ 0.02	0.273 $\pm$ 0.02
CR BEantiTT $\rho \in (440, 2000]$ ph1	403	79.84	0.3006	0.0105 $\pm$ 0.02	0.272 $\pm$ 0.03
CR BEantiTT $\rho \in (440, 2000]$ ph2	403	56.81	0.9847	0.00486 $\pm$ 0.02	0.289 $\pm$ 0.03
Histogram	N	χ^2	prob.	fit μ	fit σ
VR BEantiTT $\rho \in (0, 40]$ ph1	10905	60.96	0.8199	0.00645 $\pm$ 0.003	0.249 $\pm$ 0.004
VR BEantiTT $\rho \in (0, 40]$ ph2	10905	67.05	0.7038	0.00618 $\pm$ 0.004	0.257 $\pm$ 0.005
VR BEantiTT $\rho \in (40, 80]$ ph1	9666	78.38	0.4032	0.0145 $\pm$ 0.004	0.261 $\pm$ 0.005
VR BEantiTT $\rho \in (40, 80]$ ph2	9666	80.42	0.4658	0.00577 $\pm$ 0.004	0.276 $\pm$ 0.005
VR BEantiTT $\rho \in (80, 130]$ ph1	5372	83.27	0.4709	0.0182 $\pm$ 0.006	0.286 $\pm$ 0.007
VR BEantiTT $\rho \in (80, 130]$ ph2	5372	86.59	0.462	0.024 $\pm$ 0.006	0.3 $\pm$ 0.008
VR BEantiTT $\rho \in (130, 200]$ ph1	2614	124.5	0.0002171	0.00982 $\pm$ 0.007	0.253 $\pm$ 0.009
VR BEantiTT $\rho \in (130, 200]$ ph2	2614	78.17	0.6587	0.0156 $\pm$ 0.008	0.29 $\pm$ 0.01
VR BEantiTT $\rho \in (200, 320]$ ph1	1180	89.57	0.2175	0.0276 $\pm$ 0.01	0.277 $\pm$ 0.02
VR BEantiTT $\rho \in (200, 320]$ ph2	1180	70.71	0.6189	0.0104 $\pm$ 0.01	0.258 $\pm$ 0.01
VR BEantiTT $\rho \in (320, 440]$ ph1	304	65.2	0.9773	0.0141 $\pm$ 0.04	0.388 $\pm$ 0.05
VR BEantiTT $\rho \in (320, 440]$ ph2	304	53.54	1	0.0597 $\pm$ 0.04	0.437 $\pm$ 0.05
VR BEantiTT $\rho \in (440, 2000]$ ph1	234	55.42	0.9998	0.0201 $\pm$ 0.06	0.465 $\pm$ 0.08
VR BEantiTT $\rho \in (440, 2000]$ ph2	234	43.33	1	0.0721 $\pm$ 0.05	0.413 $\pm$ 0.08
Histogram	N	χ^2	prob.	fit μ	fit σ
CR BBTT $\rho \in (0, 40]$ ph1	60586	75.5	0.3975	0.00858 $\pm$ 0.002	0.255 $\pm$ 0.002
CR BBTT $\rho \in (0, 40]$ ph2	60586	75.6	0.4914	0.00755 $\pm$ 0.002	0.263 $\pm$ 0.002
CR BBTT $\rho \in (40, 80]$ ph1	19726	78.25	0.439	0.012 $\pm$ 0.003	0.266 $\pm$ 0.003
CR BBTT $\rho \in (40, 80]$ ph2	19726	61.44	0.9161	0.00709 $\pm$ 0.003	0.27 $\pm$ 0.004
CR BBTT $\rho \in (80, 130]$ ph1	6924	72.21	0.6633	0.00968 $\pm$ 0.005	0.277 $\pm$ 0.006
CR BBTT $\rho \in (80, 130]$ ph2	6924	74.95	0.7496	0.00123 $\pm$ 0.005	0.29 $\pm$ 0.006
CR BBTT $\rho \in (130, 200]$ ph1	2518	89.18	0.2032	0.00832 $\pm$ 0.008	0.275 $\pm$ 0.01
CR BBTT $\rho \in (130, 200]$ ph2	2518	64.39	0.9243	0.0071 $\pm$ 0.008	0.285 $\pm$ 0.01
CR BBTT $\rho \in (200, 320]$ ph1	1112	51.06	0.9708	0.00788 $\pm$ 0.01	0.248 $\pm$ 0.01
CR BBTT $\rho \in (200, 320]$ ph2	1112	80.97	0.3269	0.0137 $\pm$ 0.01	0.261 $\pm$ 0.02
CR BBTT $\rho \in (320, 440]$ ph1	324	62	0.9763	0.0633 $\pm$ 0.03	0.338 $\pm$ 0.04
CR BBTT $\rho \in (320, 440]$ ph2	324	60.55	0.9161	0.0598 $\pm$ 0.03	0.28 $\pm$ 0.03
CR BBTT $\rho \in (440, 2000]$ ph1	182	37.05	1	0.0257 $\pm$ 0.07	0.498 $\pm$ 0.1
CR BBTT $\rho \in (440, 2000]$ ph2	182	44.45	0.9999	0.0225 $\pm$ 0.08	0.533 $\pm$ 0.1

Histogram	N	χ^2	prob.	fit μ	fit σ
VR BBT $\rho \in (0, 40]$ ph1	28535	71	0.6406	0.00395 $\pm$ 0.002	0.261 $\pm$ 0.003
VR BBT $\rho \in (0, 40]$ ph2	28535	74.86	0.5154	0.0046 $\pm$ 0.002	0.263 $\pm$ 0.003
VR BBT $\rho \in (40, 80]$ ph1	9711	54.65	0.9794	0.0118 $\pm$ 0.004	0.27 $\pm$ 0.005
VR BBT $\rho \in (40, 80]$ ph2	9711	82.26	0.3488	0.0104 $\pm$ 0.004	0.27 $\pm$ 0.005
VR BBT $\rho \in (80, 130]$ ph1	3513	98.77	0.07591	0.00322 $\pm$ 0.007	0.276 $\pm$ 0.009
VR BBT $\rho \in (80, 130]$ ph2	3513	71.66	0.6505	0.000126 $\pm$ 0.007	0.265 $\pm$ 0.009
VR BBT $\rho \in (130, 200]$ ph1	1267	82.36	0.2122	0.00343 $\pm$ 0.01	0.283 $\pm$ 0.02
VR BBT $\rho \in (130, 200]$ ph2	1267	82.02	0.4163	0.00391 $\pm$ 0.01	0.275 $\pm$ 0.01
VR BBT $\rho \in (200, 320]$ ph1	571	95.6	0.09848	0.00718 $\pm$ 0.02	0.276 $\pm$ 0.02
VR BBT $\rho \in (200, 320]$ ph2	571	57.7	0.4864	0.0406 $\pm$ 0.02	0.216 $\pm$ 0.02
VR BBT $\rho \in (320, 440]$ ph1	149	30.42	1	0.031 $\pm$ 0.06	0.408 $\pm$ 0.09
VR BBT $\rho \in (320, 440]$ ph2	149	36.49	1	0.0121 $\pm$ 0.2	0.744 $\pm$ 0.3
VR BBT $\rho \in (440, 2000]$ ph1	90	14.76	1	0.204 $\pm$ 1	1.35 $\pm$ 2
VR BBT $\rho \in (440, 2000]$ ph2	90	14.08	1	0.0788 $\pm$ 0.2	0.763 $\pm$ 0.5
Histogram	N	χ^2	prob.	fit μ	fit σ
CR BETT $\rho \in (0, 40]$ ph1	80580	81.48	0.1855	0.00824 $\pm$ 0.001	0.245 $\pm$ 0.002
CR BETT $\rho \in (0, 40]$ ph2	80580	72.94	0.4468	0.00822 $\pm$ 0.001	0.249 $\pm$ 0.002
CR BETT $\rho \in (40, 80]$ ph1	45932	62.94	0.7934	0.00132 $\pm$ 0.002	0.255 $\pm$ 0.002
CR BETT $\rho \in (40, 80]$ ph2	45932	77.98	0.3843	0.00283 $\pm$ 0.002	0.26 $\pm$ 0.002
CR BETT $\rho \in (80, 130]$ ph1	17424	91.54	0.1777	0.00226 $\pm$ 0.003	0.277 $\pm$ 0.004
CR BETT $\rho \in (80, 130]$ ph2	17424	83.42	0.4354	0.00804 $\pm$ 0.003	0.284 $\pm$ 0.004
CR BETT $\rho \in (130, 200]$ ph1	6208	62.23	0.904	0.0228 $\pm$ 0.005	0.274 $\pm$ 0.007
CR BETT $\rho \in (130, 200]$ ph2	6208	69.78	0.8087	0.0134 $\pm$ 0.005	0.28 $\pm$ 0.007
CR BETT $\rho \in (200, 320]$ ph1	2458	82.42	0.2877	0.0124 $\pm$ 0.008	0.263 $\pm$ 0.01
CR BETT $\rho \in (200, 320]$ ph2	2458	108.6	0.02198	0.00988 $\pm$ 0.008	0.278 $\pm$ 0.01
CR BETT $\rho \in (320, 440]$ ph1	626	85.56	0.2875	0.0208 $\pm$ 0.02	0.266 $\pm$ 0.02
CR BETT $\rho \in (320, 440]$ ph2	626	47.52	0.9985	0.0277 $\pm$ 0.02	0.282 $\pm$ 0.02
CR BETT $\rho \in (440, 2000]$ ph1	345	43.71	0.5268	0.0282 $\pm$ 0.02	0.162 $\pm$ 0.02
CR BETT $\rho \in (440, 2000]$ ph2	345	55.56	0.3071	0.00688 $\pm$ 0.02	0.195 $\pm$ 0.03
Histogram	N	χ^2	prob.	fit μ	fit σ
VR BETT $\rho \in (0, 40]$ ph1	37593	98.02	0.01852	0.0109 $\pm$ 0.002	0.245 $\pm$ 0.002
VR BETT $\rho \in (0, 40]$ ph2	37593	58.25	0.861	0.0115 $\pm$ 0.002	0.249 $\pm$ 0.002
VR BETT $\rho \in (40, 80]$ ph1	22438	69.21	0.6667	0.00353 $\pm$ 0.003	0.26 $\pm$ 0.003
VR BETT $\rho \in (40, 80]$ ph2	22438	75.36	0.5317	0.000946 $\pm$ 0.003	0.266 $\pm$ 0.003
VR BETT $\rho \in (80, 130]$ ph1	8816	70.4	0.8159	0.00365 $\pm$ 0.004	0.283 $\pm$ 0.006
VR BETT $\rho \in (80, 130]$ ph2	8816	91.76	0.1544	0.0105 $\pm$ 0.004	0.272 $\pm$ 0.005
VR BETT $\rho \in (130, 200]$ ph1	3166	75.59	0.5878	0.0241 $\pm$ 0.008	0.286 $\pm$ 0.01
VR BETT $\rho \in (130, 200]$ ph2	3166	72.86	0.4825	0.0324 $\pm$ 0.007	0.264 $\pm$ 0.01
VR BETT $\rho \in (200, 320]$ ph1	1296	102.4	0.07297	0.0296 $\pm$ 0.01	0.278 $\pm$ 0.01
VR BETT $\rho \in (200, 320]$ ph2	1296	109.8	0.001	0.0146 $\pm$ 0.01	0.234 $\pm$ 0.01
VR BETT $\rho \in (320, 440]$ ph1	311	83.22	0.7792	0.00164 $\pm$ 0.04	0.396 $\pm$ 0.05
VR BETT $\rho \in (320, 440]$ ph2	311	72.54	0.9509	0.0427 $\pm$ 0.04	0.379 $\pm$ 0.05
VR BETT $\rho \in (440, 2000]$ ph1	171	36.84	0.9999	0.028 $\pm$ 0.08	0.484 $\pm$ 0.1
VR BETT $\rho \in (440, 2000]$ ph2	171	40.37	1	0.00781 $\pm$ 0.1	0.679 $\pm$ 0.3