Archernar Star - Gaussian fitted pixel values

Probability Density Function
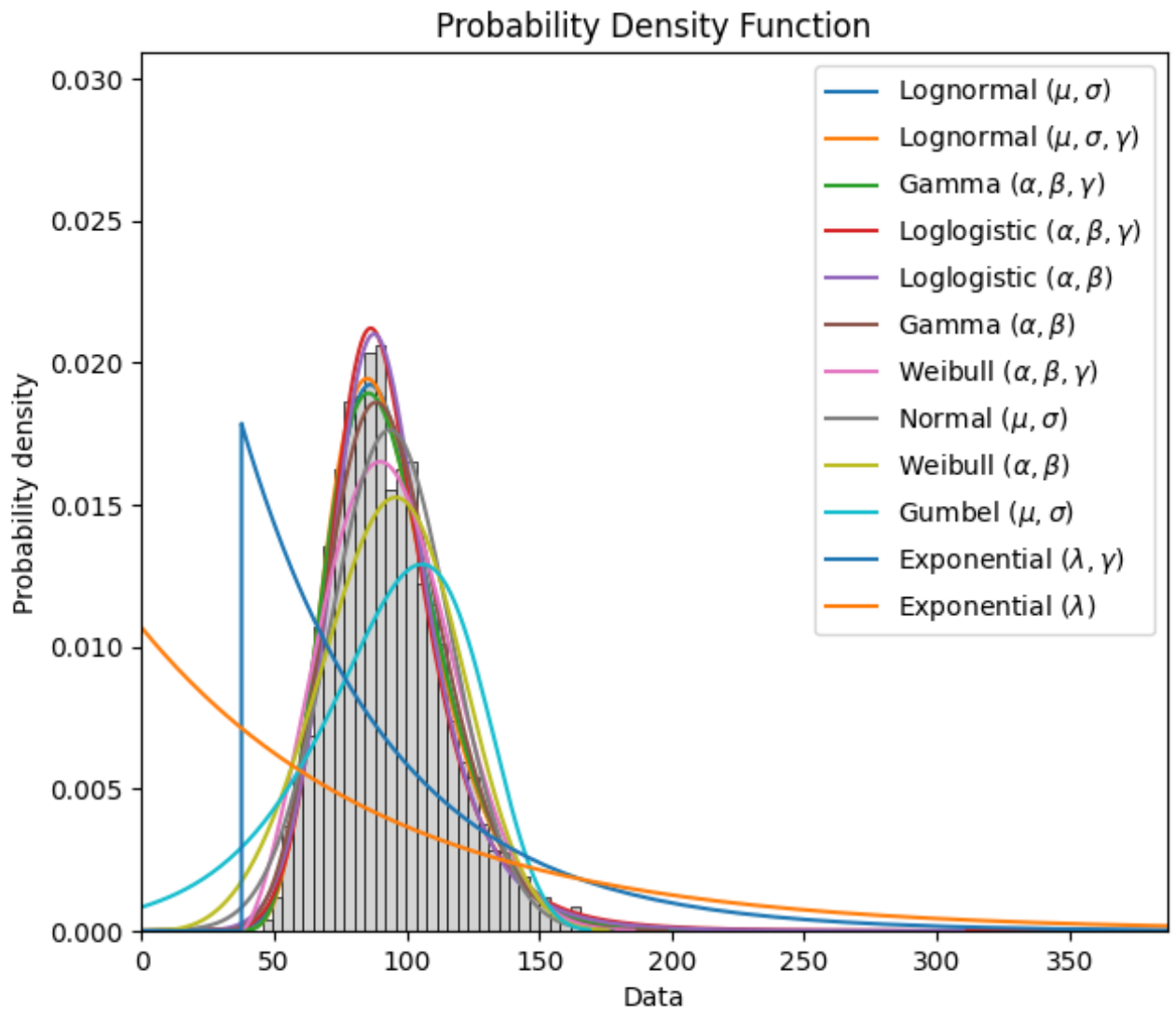
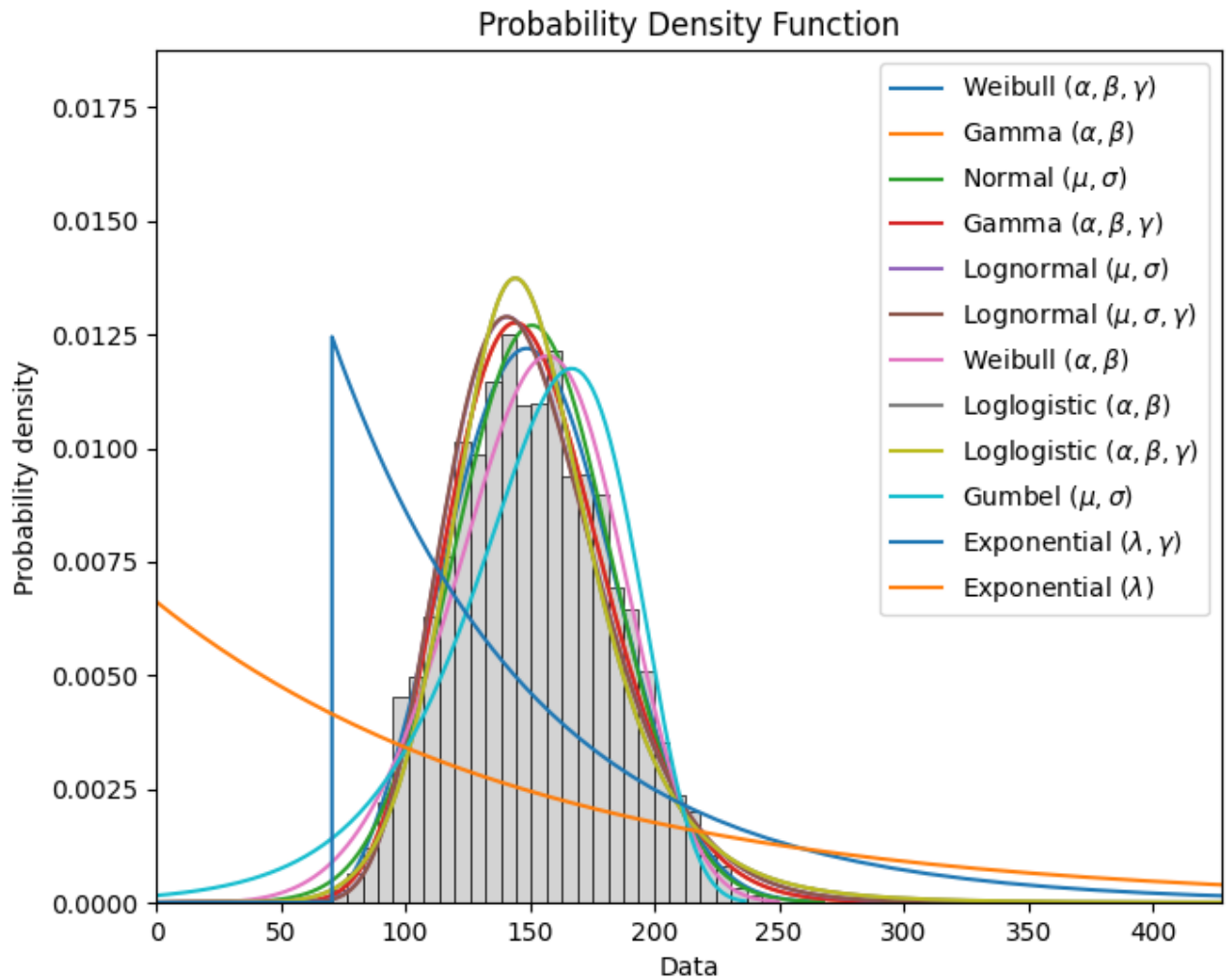|	Alpha	Beta	Gamma	Mu	Sigma	Lambda	AICc	BIC	AD
Distribution									
Lognormal_2P				4.51182	0.234044		26875.075299	26887.084030	0.723759
Lognormal_3P			12.824	4.35477	0.273489		26869.321914	26887.333006	0.274326
Gamma_3P	8.05576	7.67209	31.8406				26881.432960	26899.444052	0.832592
Loglogistic_3P	70.5222	5.81217	20.0007				26907.056802	26925.067894	1.618354
Loglogistic_2P	90.8426	7.50308					26916.814446	26928.823177	2.027680
Gamma_2P	5.13926	18.2215					26935.623900	26947.632631	4.575302
Weibull_3P	63.233	2.60762	37.469				27083.766951	27101.778044	16.421558
Normal_2P				93.6451	22.6155		27229.450127	27241.458859	23.604241
Weibull_2P	102.541	4.11986					27507.856819	27519.865550	48.299646
Gumbel_2P				105.762	28.4915		28653.245920	28665.254651	NaN
Exponential_2P			37.6811			0.0178686	30152.261706	30164.270438	515.654879
Exponential_1P						0.0106786	33239.076205	33245.081238	824.555498

Rigel Star - Gaussian fitted peak pixel values

Probability Density Function
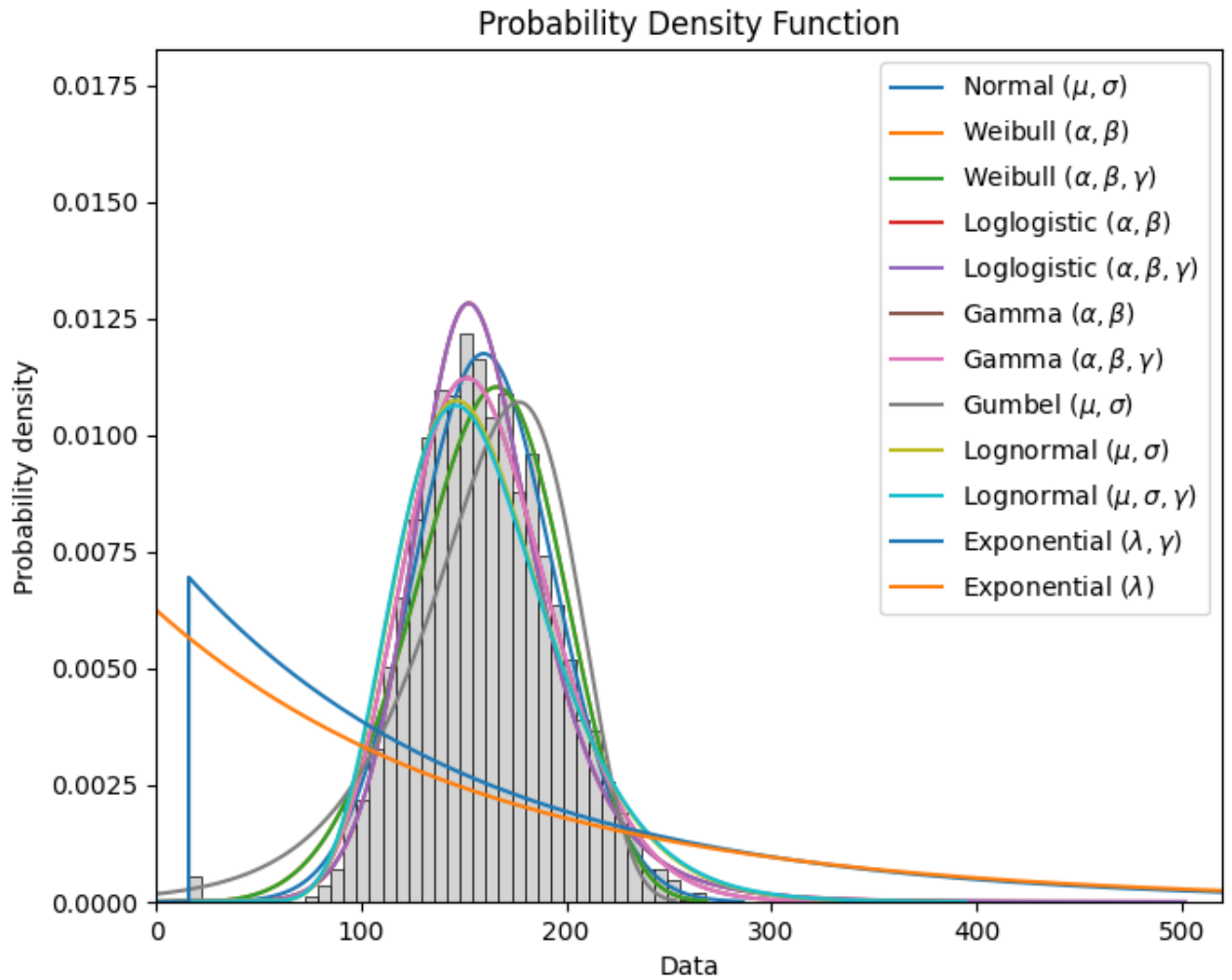
Distribution	Alpha	Beta	Gamma	Mu	Sigma	Lambda	AICc	BIC	AD
Normal_2P				159.756	33.9558		29667.985861	29679.994592	3.103814
Weibull_2P	173.287	5.09041					29804.809197	29816.817928	13.453529
Weibull_3P	173.287	5.09041	0				29806.813203	29824.824295	13.453529
Loglogistic_2P	157.412	7.9505					29845.751249	29857.759980	4.686611
Loglogistic_3P	157.412	7.9505	0				29847.755256	29865.766348	4.686611
Gamma_2P	8.25941	19.3423					29967.886076	29979.894807	5.759833
Gamma_3P	8.25941	19.3423	0				29969.890083	29987.901175	5.759833
Gumbel_2P				176.875	34.3368		30212.766398	30224.775129	49.998775
Lognormal_2P				5.04757	0.2458		30383.649826	30395.658558	20.151670
Lognormal_3P			2.35695	5.03163	0.252752		30457.332659	30475.343751	23.006981
Exponential_2P			16.0037			0.00695643	35812.541450	35824.550181	812.890397
Exponential_1P						0.00625956	36443.874009	36449.879042	864.124225

Unnamed star near zenith - Gaussian fitted peak pixel values

Probability Density Function

Distribution	Alpha	Beta	Gamma	Mu	Sigma	Lambda	AICc	BIC	AD
Weibull_3P	95.2168	2.95816	65.9727				29141.332870	29159.343962	0.762107
Gamma_2P	6.72314	22.4455					29194.135011	29206.143742	3.658557
Normal_2P				150.904	31.4024		29198.933017	29210.941748	3.503120
Gamma_3P	6.72314	22.4455	0				29196.139018	29214.150110	3.658557
Lognormal_2P				4.9942	0.214632		29249.890496	29261.899228	7.624832
Lognormal_3P			3.61857	4.96876	0.220366		29257.388018	29275.399110	8.023956
Weibull_2P	163.687	5.25209					29286.891010	29298.899741	9.070856
Loglogistic_2P	148.731	8.05134					29350.272994	29362.281725	9.481685
Loglogistic_3P	148.731	8.05134	0				29352.277000	29370.288092	9.481685
Gumbel_2P				166.79	31.2929		29710.250396	29722.259128	37.950504
Exponential_2P			70.6069			0.0124537	32318.422581	32330.431312	488.228364
Exponential_1P						0.00662672	36101.875516	36107.880549	865.770662