

AR SS @ 30 deg incidence

backward
 Reflectivity, pos 1 1.10E-01
 Reflectivity, pos 2 NA
 slope exponent 1.7
 break-over angle, deg 0.025
 Max BRDF 4500
 large angle BRDF 3.50E-05
 micro-roughness angle 8
 micro-roughness constant 2644138.496

Angle	Angle(minus)	BRDF, pos 1	BRDF, pos 2	angle	Instrument	parametric fit
-90	9.00E+01	3.95E-06				3.50E-05
-89.494	8.95E+01	4.68E-06				3.50E-05
-88.988	8.90E+01	5.65E-06				3.50E-05
-88.482	8.85E+01	4.72E-06				3.50E-05
-87.976	8.80E+01	2.68E-06				3.50E-05
-87.47	8.75E+01	3.17E-06				3.50E-05
-86.964	8.70E+01	4.54E-06				3.50E-05
-86.458	8.65E+01	4.64E-06				3.50E-05
-85.952	8.60E+01	3.70E-06				3.50E-05
-85.446	8.54E+01	3.60E-06				3.50E-05
-84.94	8.49E+01		-85		1.14E-06	3.50E-05
-84.434	8.44E+01	3.35E-06	-84.494		4.56E-06	3.50E-05
-83.928	8.39E+01	3.16E-06	-83.988		4.07E-06	3.50E-05
-83.422	8.34E+01	3.19E-06	-83.482		2.64E-06	3.50E-05
-82.916	8.29E+01	3.42E-06	-82.976		1.51E-06	3.50E-05
-82.41	8.24E+01	3.50E-06	-82.47		1.03E-06	3.50E-05
-81.9041	8.19E+01	2.83E-06	-81.964		1.02E-06	3.50E-05
-81.3981	8.14E+01	3.85E-06	-81.458		1.31E-06	3.50E-05
-80.8921	8.09E+01	3.67E-06	-80.952		1.50E-06	3.50E-05
-80.3861	8.04E+01	3.46E-06	-80.446		1.86E-06	3.50E-05
-79.8801	7.99E+01	4.07E-06	-79.94		3.14E-06	3.50E-05
-79.3741	7.94E+01	3.74E-06	-79.434		7.37E-07	3.50E-05
-78.8681	7.89E+01	2.96E-06	-78.928		8.29E-07	3.50E-05
-78.3621	7.84E+01	3.64E-06	-78.422		1.46E-06	3.50E-05
-77.8561	7.79E+01	3.16E-06	-77.916		4.59E-07	3.50E-05
-77.3501	7.74E+01	3.42E-06	-77.41		8.86E-07	3.50E-05
-76.8441	7.68E+01	3.18E-06	-76.9041		1.78E-06	3.50E-05
-76.3381	7.63E+01	4.08E-06	-76.3981		1.88E-06	3.50E-05
-75.8321	7.58E+01	3.68E-06	-75.8921		5.37E-07	3.50E-05
-75.3261	7.53E+01	3.30E-06	-75.3861		1.33E-06	3.50E-05

-74.8201	7.48E+01	-74.8801	3.70E-06	7.91E-07	3.50E-05
-74.3141	7.43E+01	-74.3741	3.60E-06	7.11E-07	3.50E-05
-73.8081	7.38E+01	-73.8681	3.78E-06	6.26E-07	3.50E-05
-73.3021	7.33E+01	-73.3621	4.29E-06	4.16E-07	3.50E-05
-72.7961	7.28E+01	-72.8561	4.09E-06	1.35E-06	3.50E-05
-72.2901	7.23E+01	-72.3501	4.00E-06	6.39E-07	3.50E-05
-71.7841	7.18E+01	-71.8441	4.04E-06	5.89E-07	3.50E-05
-71.2781	7.13E+01	-71.3381	4.17E-06	5.95E-07	3.50E-05
-70.7721	7.08E+01	-70.8321	3.86E-06	8.14E-07	3.50E-05
-70.2661	7.03E+01	-70.3261	4.04E-06	5.32E-07	3.50E-05
-69.7601	6.98E+01	-69.8201	3.98E-06	5.03E-07	3.50E-05
-69.2541	6.93E+01	-69.3141	4.39E-06	1.62E-07	3.50E-05
-68.7481	6.87E+01	-68.8081	4.11E-06	5.94E-07	3.50E-05
-68.2421	6.82E+01	-68.3021	4.19E-06	9.99E-07	3.50E-05
-67.7361	6.77E+01	-67.7961	4.56E-06	1.14E-06	3.50E-05
-67.2301	6.72E+01	-67.2901	4.97E-06	5.47E-07	3.50E-05
-66.7242	6.67E+01	-66.7841	5.16E-06	5.30E-07	3.50E-05
-66.2182	6.62E+01	-66.2781	5.21E-06	1.25E-06	3.50E-05
-65.7122	6.57E+01	-65.7721	5.13E-06	1.33E-06	3.50E-05
-65.2062	6.52E+01	-65.2661	5.94E-06	9.49E-07	3.50E-05
-64.7002	6.47E+01	-64.7601	6.36E-06	1.05E-06	3.50E-05
-64.1942	6.42E+01	-64.2541	6.01E-06	8.38E-07	3.50E-05
-63.6882	6.37E+01	-63.7481	6.07E-06	4.37E-07	3.50E-05
-63.1822	6.32E+01	-63.2421	6.29E-06	3.41E-08	3.50E-05
-62.6762	6.27E+01	-62.7361	6.68E-06	5.49E-07	3.50E-05
-62.1702	6.22E+01	-62.2301	7.01E-06	5.58E-07	3.50E-05
-61.6642	6.17E+01	-61.7241	7.58E-06	3.76E-07	3.50E-05
-61.1582	6.12E+01	-61.2181	8.05E-06	1.95E-07	3.50E-05
-60.6522	6.07E+01	-60.7121	8.04E-06	1.65E-07	3.50E-05
-60.1462	6.01E+01	-60.2061	8.39E-06	1.56E-07	3.50E-05
-59.6402	5.96E+01	-59.7001	8.78E-06	6.87E-07	3.50E-05
-59.1342	5.91E+01	-59.1941	9.04E-06	7.20E-07	3.50E-05
-58.6282	5.86E+01	-58.6881	9.32E-06	3.51E-07	3.51E-05
-58.1222	5.81E+01	-58.1821	9.64E-06	2.92E-07	3.51E-05
-57.6162	5.76E+01	-57.6761	9.79E-06	3.82E-07	3.51E-05
-57.1102	5.71E+01	-57.1701	1.04E-05	2.29E-07	3.51E-05
-56.6042	5.66E+01	-56.6641	1.08E-05	2.33E-07	3.51E-05
-56.0982	5.61E+01	-56.1581	1.10E-05	6.14E-07	3.51E-05
-55.5922	5.56E+01	-55.6521	1.76E-05	5.51E-07	3.51E-05
-55.0862	5.51E+01	-55.1461	1.17E-05	3.02E-07	3.51E-05
-54.5802	5.46E+01	-54.6401	1.20E-05	3.24E-07	3.51E-05
-54.0742	5.41E+01	-54.1341	1.22E-05	5.11E-07	3.51E-05
-53.5682	5.36E+01	-53.6281	1.26E-05	4.69E-07	3.51E-05
-53.0622	5.31E+01	-53.1221	1.30E-05	4.62E-07	3.51E-05
-52.5562	5.26E+01	-52.6161	1.32E-05	1.88E-07	3.51E-05
-52.0502	5.21E+01	-52.1101	1.39E-05	4.36E-07	3.51E-05

-51.5442	5.15E+01	-51.6041	1.42E-05	3.34E-07	3.51E-05
-51.0382	5.10E+01	-51.0981	1.46E-05	4.39E-07	3.51E-05
-50.5322	5.05E+01	-50.5921	1.49E-05	2.44E-07	3.51E-05
-50.0262	5.00E+01	-50.0861	1.51E-05	2.86E-07	3.51E-05
-49.5202	4.95E+01	-49.5801	1.55E-05	2.69E-07	3.51E-05
-49.0142	4.90E+01	-49.0741	1.58E-05	2.59E-07	3.51E-05
-48.5082	4.85E+01	-48.5681	1.63E-05	6.05E-07	3.51E-05
-48.0022	4.80E+01	-48.0621	1.68E-05	4.28E-07	3.51E-05
-47.4962	4.75E+01	-47.5561	1.73E-05	2.31E-07	3.51E-05
-46.9902	4.70E+01	-47.0501	1.76E-05	2.31E-07	3.51E-05
-46.4842	4.65E+01	-46.5441	1.83E-05	4.04E-07	3.51E-05
-45.9781	4.60E+01	-46.0381	1.87E-05	2.36E-07	3.51E-05
-45.4721	4.55E+01	-45.5321	1.90E-05	1.75E-07	3.51E-05
-44.9661	4.50E+01	-45.0261	1.94E-05	3.81E-07	3.51E-05
-44.4601	4.45E+01	-44.5201	1.97E-05	2.59E-07	3.51E-05
-43.9541	4.40E+01	-44.0141	1.96E-05	1.96E-07	3.51E-05
-43.4481	4.34E+01	-43.5081	1.96E-05	2.05E-07	3.51E-05
-42.9421	4.29E+01	-43.0021	1.99E-05	3.10E-09	3.51E-05
-42.4361	4.24E+01	-42.4961	2.03E-05	3.62E-08	3.52E-05
-41.9301	4.19E+01	-41.9901	2.06E-05	1.04E-07	3.52E-05
-41.4241	4.14E+01	-41.4841	2.08E-05	7.53E-08	3.52E-05
-40.9181	4.09E+01	-40.9781	2.09E-05	2.47E-07	3.52E-05
-40.4121	4.04E+01	-40.4721	2.11E-05	3.72E-07	3.52E-05
-39.9061	3.99E+01	-39.9661	2.16E-05	2.91E-07	3.52E-05
-39.4001	3.94E+01	-39.4601	2.20E-05	1.54E-07	3.52E-05
-38.8941	3.89E+01	-38.9541	2.21E-05	1.76E-07	3.52E-05
-38.3881	3.84E+01	-38.4481	2.23E-05	3.48E-07	3.52E-05
-37.8821	3.79E+01	-37.9421	2.27E-05	3.98E-07	3.52E-05
-37.3761	3.74E+01	-37.4361	2.30E-05	1.47E-07	3.52E-05
-36.8701	3.69E+01	-36.9301	2.31E-05	1.86E-07	3.52E-05
-36.3641	3.64E+01	-36.4241	2.34E-05	4.76E-08	3.53E-05
-35.8581	3.59E+01	-35.9181	2.37E-05	4.37E-07	3.53E-05
-35.3521	3.54E+01	-35.4121	2.43E-05	3.67E-07	3.53E-05
-34.8461	3.48E+01	-34.9061	2.44E-05	1.22E-07	3.53E-05
-34.3401	3.43E+01	-34.4001	2.43E-05	6.90E-08	3.53E-05
-33.8341	3.38E+01	-33.8941	2.45E-05	1.81E-07	3.53E-05
-33.3281	3.33E+01	-33.3881	2.46E-05	2.36E-07	3.53E-05
-32.8221	3.28E+01	-32.8821	2.47E-05	7.50E-08	3.54E-05
-32.3161	3.23E+01	-32.3761	2.48E-05	3.10E-08	3.54E-05
-31.8101	3.18E+01	-31.8701	2.53E-05	1.99E-07	3.54E-05
-31.3041	3.13E+01	-31.3641	2.55E-05	3.58E-07	3.54E-05
-30.7981	3.08E+01	-30.8581	2.55E-05	1.03E-07	3.54E-05
-30.2921	3.03E+01	-30.3521	2.60E-05	1.72E-07	3.55E-05
-29.7861	2.98E+01	-29.8461	2.64E-05	1.82E-07	3.55E-05
-29.2801	2.93E+01	-29.3401	2.70E-05	1.68E-07	3.55E-05
-28.7741	2.88E+01	-28.8341	2.73E-05	2.82E-07	3.56E-05

-28.2681	2.83E+01	-28.3281	2.76E-05	1.50E-07	3.56E-05
-27.7621	2.78E+01	-27.8221	2.80E-05	1.89E-07	3.56E-05
-27.2561	2.73E+01	-27.3161	2.83E-05	2.27E-07	3.57E-05
-26.7501	2.68E+01	-26.8101	2.87E-05	2.97E-07	3.57E-05
-26.2441	2.62E+01	-26.3041	2.93E-05	4.11E-07	3.58E-05
-25.7381	2.57E+01	-25.7981	3.00E-05	4.50E-07	3.58E-05
-25.2321	2.52E+01	-25.2921	3.04E-05	1.48E-07	3.59E-05
-24.7261	2.47E+01	-24.7861	3.03E-05	1.92E-07	3.59E-05
-24.2201	2.42E+01	-24.2801	3.05E-05	2.99E-07	3.60E-05
-23.7141	2.37E+01	-23.7741	3.10E-05	3.14E-07	3.61E-05
-23.2081	2.32E+01	-23.2681	3.19E-05	3.72E-07	3.62E-05
-22.7021	2.27E+01	-22.7621	3.30E-05	3.46E-07	3.63E-05
-22.1961	2.22E+01	-22.2561	3.28E-05	1.62E-07	3.64E-05
-21.6901	2.17E+01	-21.7501	2.72E-05	1.17E-07	3.65E-05
-21.1841	2.12E+01	-21.2441	1.49E-05	1.62E-07	3.66E-05
-20.6781	2.07E+01	-20.7381	5.47E-06	3.11E-07	3.67E-05
-20.1721	2.02E+01	-20.2321	4.03E-06	3.97E-07	3.69E-05
-19.6661	1.97E+01	-19.7261	3.70E-06	5.37E-07	3.71E-05
-19.1601	1.92E+01	-19.2201	2.88E-06	3.30E-07	3.73E-05
-18.6541	1.87E+01	-18.7141	1.37E-06	4.69E-07	3.75E-05
-18.1481	1.81E+01	-18.2081	1.66E-06	4.82E-07	3.77E-05
-17.6421	1.76E+01	-17.7021	1.76E-06	3.81E-07	3.80E-05
-17.1361	1.71E+01	-17.1961	1.41E-06	3.08E-07	3.83E-05
-16.6301	1.66E+01	-16.6901	2.19E-06	2.17E-07	3.86E-05
-16.1241	1.61E+01	-16.1841	3.19E-06	1.28E-07	3.91E-05
-15.6181	1.56E+01	-15.6781	2.54E-06	1.28E-08	3.95E-05
-15.1121	1.51E+01	-15.1721	1.82E-06	3.49E-07	4.00E-05
-14.6061	1.46E+01	-14.6661	4.60E-06	5.21E-07	4.07E-05
-14.1001	1.41E+01	-14.1601	4.73E-05	5.91E-07	4.14E-05
-13.5941	1.36E+01	-13.6541	4.83E-05	2.25E-07	4.22E-05
-13.0881	1.31E+01	-13.1481	6.15E-05	1.85E-07	4.32E-05
-12.5821	1.26E+01	-12.6421	6.85E-05	2.92E-07	4.44E-05
-12.0761	1.21E+01	-12.1361	7.30E-05	3.55E-07	4.58E-05
-11.5701	1.16E+01	-11.6301	7.76E-05	2.52E-07	4.75E-05
-11.0641	1.11E+01	-11.1241	9.94E-05	2.31E-07	4.96E-05
-10.5581	1.06E+01	-10.6181	9.93E-05	2.29E-07	5.21E-05
-10.0521	1.01E+01	-10.1121	1.06E-04	3.18E-07	5.52E-05
-9.5461	9.55E+00	-9.6061	1.13E-04	2.70E-07	5.91E-05
-9.0401	9.04E+00	-9.1001	1.24E-04	9.31E-08	6.40E-05
-8.5341	8.53E+00	-8.5941	1.37E-04	3.17E-07	7.02E-05
-8.0281	8.03E+00	-8.0881	1.54E-04	3.40E-07	7.84E-05
-7.5221	7.52E+00	-7.5821	1.71E-04	2.02E-07	8.91E-05
-7.0161	7.02E+00	-7.0761	2.02E-04	1.71E-07	1.04E-04
-6.5101	6.51E+00	-6.5701	2.46E-04	2.32E-07	1.23E-04
-6.0041	6.00E+00	-6.0641	2.95E-04	5.44E-07	1.51E-04
-5.4981	5.50E+00	-5.5581	3.43E-04	5.27E-07	1.92E-04

-4.9921	4.99E+00	-5.0521	4.06E-04	5.75E-07	2.53E-04
-4.4861	4.49E+00	-4.5461	2.76E-04	1.91E-05	3.49E-04
-4.3201	4.32E+00	-4.3801	3.38E-04	6.77E-06	3.92E-04
-4.1541	4.15E+00	-4.2141	3.70E-04	2.48E-06	4.42E-04
-3.9881	3.99E+00	-4.0481	4.05E-04	2.62E-06	5.03E-04
-3.8221	3.82E+00	-3.8821	4.32E-04	3.36E-06	5.76E-04
-3.6561	3.66E+00	-3.7161	4.59E-04	5.10E-06	6.64E-04
-3.4901	3.49E+00	-3.5501	5.36E-04	7.08E-06	7.72E-04
-3.3241	3.32E+00	-3.3841	6.34E-04	8.80E-06	9.04E-04
-3.1581	3.16E+00	-3.2181	7.21E-04	1.01E-05	1.07E-03
-2.9921	2.99E+00	-3.0521	8.01E-04	8.10E-06	1.28E-03
-2.8261	2.83E+00	-2.8861	8.89E-04	8.34E-06	1.54E-03
-2.6601	2.66E+00	-2.7201	1.02E-03	1.04E-05	1.89E-03
-2.4941	2.49E+00	-2.5541	1.18E-03	1.03E-05	2.34E-03
-2.3281	2.33E+00	-2.3881	1.38E-03	1.06E-05	2.95E-03
-2.1621	2.16E+00	-2.2221	1.57E-03	1.15E-05	3.79E-03
-1.9961	2.00E+00	-2.0561	1.92E-03	1.28E-05	4.96E-03
-1.8301	1.83E+00	-1.8901	2.40E-03	1.48E-05	6.65E-03
-1.6641	1.66E+00	-1.7241	3.03E-03	2.19E-05	9.17E-03
-1.4981	1.50E+00	-1.5581	3.90E-03	2.95E-05	1.31E-02
-1.3321	1.33E+00	-1.3921	5.52E-03	7.52E-04	1.95E-02
-1.2901	1.29E+00	-1.3501	7.31E-03	2.88E-04	2.17E-02
-1.2481	1.25E+00	-1.3081	8.89E-03	1.63E-04	2.43E-02
-1.2061	1.21E+00	-1.2661	9.76E-03	1.11E-04	2.73E-02
-1.1641	1.16E+00	-1.2241	9.63E-03	9.00E-05	3.08E-02
-1.1221	1.12E+00	-1.1821	9.17E-03	1.09E-04	3.49E-02
-1.0801	1.08E+00	-1.1401	9.10E-03	1.65E-04	3.97E-02
-1.0381	1.04E+00	-1.0981	1.26E-02	2.61E-04	4.54E-02
-0.9961	9.96E-01	-1.0561	1.54E-02	4.11E-04	5.22E-02
-0.9541	9.54E-01	-1.0141	1.97E-02	6.65E-04	6.05E-02
-0.9121	9.12E-01	-0.9721	2.45E-02	9.35E-04	7.05E-02
-0.8701	8.70E-01	-0.9301	2.71E-02	1.12E-03	8.27E-02
-0.8281	8.28E-01	-0.8881	3.25E-02	1.92E-03	9.78E-02
-0.7861	7.86E-01	-0.8461	3.99E-02	1.35E-03	1.17E-01
-0.7441	7.44E-01	-0.8041	5.60E-02	1.58E-03	1.41E-01
-0.7021	7.02E-01	-0.7621	8.17E-02	1.80E-03	1.71E-01
-0.6601	6.60E-01	-0.7201	9.98E-02	2.18E-03	2.11E-01
-0.6181	6.18E-01	-0.6781	1.25E-01	2.78E-03	2.64E-01
-0.5761	5.76E-01	-0.6361	1.94E-01	3.32E-03	3.35E-01
-0.5341	5.34E-01	-0.5941	3.35E-01	3.60E-03	4.32E-01
-0.4921	4.92E-01	-0.5521	4.97E-01	4.26E-03	5.70E-01
-0.4501	4.50E-01	-0.5101	7.75E-01	5.16E-03	7.71E-01
-0.4081	4.08E-01	-0.4681	1.05E+00	6.54E-03	1.07E+00
-0.3661	3.66E-01	-0.4261	1.02E+00	8.29E-03	1.55E+00
-0.3551	3.55E-01	-0.3841	1.17E+00	9.91E-03	1.72E+00
-0.3441	3.44E-01	-0.3421	2.02E+00	5.10E-02	1.91E+00

-0.3331	3.33E-01	-0.3311	2.65E+00	3.19E-02	2.13E+00
-0.3221	3.22E-01	-0.3201	3.32E+00	2.77E-02	2.38E+00
-0.3111	3.11E-01	-0.3091	3.39E+00	2.58E-02	2.68E+00
-0.3001	3.00E-01	-0.2981	6.34E+00	2.09E-02	3.02E+00
-0.2891	2.89E-01	-0.2871	7.96E+00	2.18E-02	3.42E+00
-0.2781	2.78E-01	-0.2761	8.00E+00	2.53E-02	3.90E+00
-0.2671	2.67E-01	-0.2651	4.80E+00	2.86E-02	4.46E+00
-0.2561	2.56E-01	-0.2541	4.47E+00	3.42E-02	5.13E+00
-0.2451	2.45E-01	-0.2431	4.65E+00	4.25E-02	5.94E+00
-0.2341	2.34E-01	-0.2321	5.66E+00	5.03E-02	6.93E+00
-0.2231	2.23E-01	-0.2211	6.61E+00	6.50E-02	8.13E+00
-0.2121	2.12E-01	-0.2101	1.08E+01	8.02E-02	9.61E+00
-0.2011	2.01E-01	-0.1991	1.32E+01	9.19E-02	1.15E+01
-0.1901	1.90E-01	-0.1881	2.60E+01	1.05E-01	1.38E+01
-0.1791	1.79E-01	-0.1771	2.74E+01	1.23E-01	1.68E+01
-0.1681	1.68E-01	-0.1661	3.67E+01	2.74E-01	2.06E+01
-0.1571	1.57E-01	-0.1551	5.41E+01	3.31E-01	2.57E+01
-0.1461	1.46E-01	-0.1441	6.48E+01	4.74E-01	3.25E+01
-0.1351	1.35E-01	-0.1331	6.95E+01	1.63E+00	4.17E+01
-0.1241	1.24E-01	-0.1221	5.67E+01	5.92E+00	5.46E+01
-0.1131	1.13E-01	-0.1111	9.81E+01	5.39E+01	7.29E+01

BRDF AR SS, 10 deg incidence Backward Scatter

