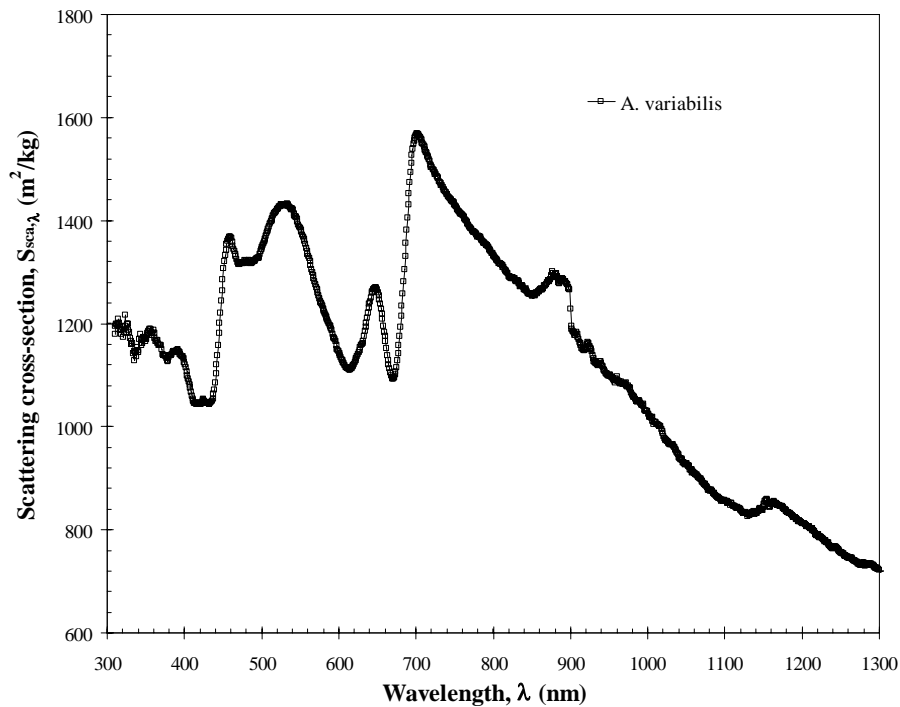
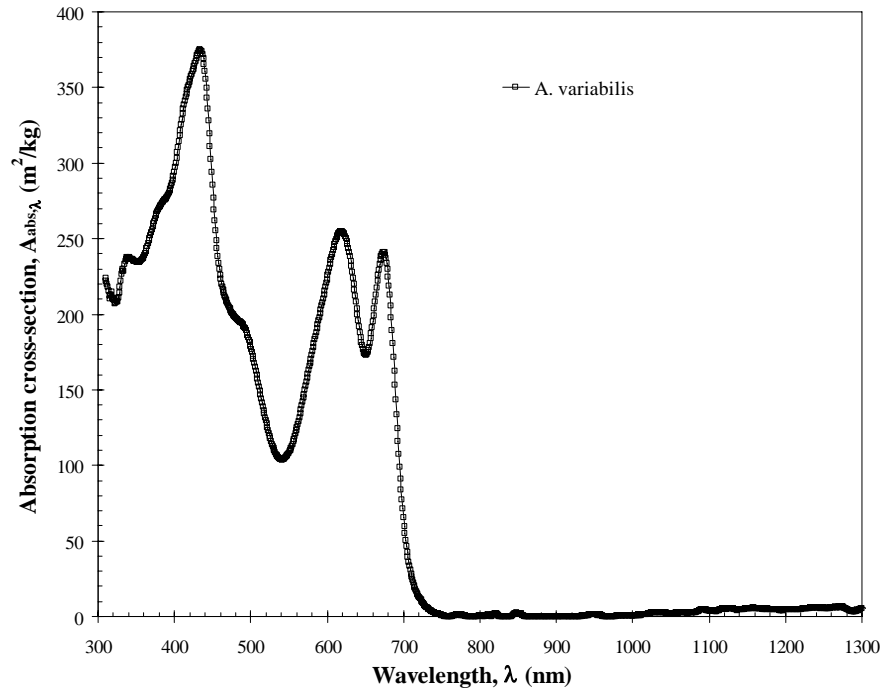


Absorption and scattering coefficients of *Anabaena variabilis*

Source: H. Berberoglu, and L. Pilon, Experimental measurements of the radiation characteristics of *Anabaena variabilis* ATCC 29413-U and *Rhodobacter sphaeroides* ATCC 49419, International Journal of Hydrogen Energy, vol. 32, pp. 4772-4785, 2007.

<http://dx.doi.org/10.1016/j.ijhydene.2007.08.018>



λ (nm)	$A_{\text{abs},\lambda}$ (m ² /kg)	$S_{\text{sca},\lambda}$ (m ² /kg)	$E_{\text{ext},\lambda}$ (m ² /kg)	albedo	λ (nm)	$A_{\text{abs},\lambda}$ (m ² /kg)	$S_{\text{sca},\lambda}$ (m ² /kg)	$E_{\text{ext},\lambda}$ (m ² /kg)	albedo	λ (nm)	$A_{\text{abs},\lambda}$ (m ² /kg)	$S_{\text{sca},\lambda}$ (m ² /kg)	$E_{\text{ext},\lambda}$ (m ² /kg)	albedo
310	223.91	1178.54	1402.44	0.84	340	130.75	2346.29	2477.04	0.95	370	256.16	1966.91	2223.08	0.88
311	222.03	1194.69	1416.72	0.84	341	137.12	2324.63	2461.75	0.94	371	259.29	1942.29	2201.57	0.88
312	219.94	1199.96	1419.90	0.84	342	140.40	2321.44	2461.84	0.94	372	259.73	1929.51	2189.24	0.88
313	217.85	1197.75	1415.61	0.85	343	145.80	2296.54	2442.35	0.94	373	258.96	1934.58	2193.54	0.88
314	215.36	1198.08	1413.44	0.85	344	149.28	2272.08	2421.36	0.94	374	257.46	1947.78	2205.24	0.88
315	212.13	1208.60	1420.73	0.85	345	152.18	2258.00	2410.18	0.94	375	254.90	1957.57	2212.47	0.88
316	210.47	1201.63	1412.10	0.85	346	158.06	2246.46	2404.52	0.93	376	253.20	1953.04	2206.24	0.89
317	213.09	1187.76	1400.85	0.85	347	162.67	2234.31	2396.98	0.93	377	251.14	1940.78	2191.92	0.89
318	214.61	1179.49	1394.10	0.85	348	167.03	2217.41	2384.44	0.93	378	247.49	1938.16	2185.64	0.89
319	210.80	1187.39	1398.19	0.85	349	172.95	2190.50	2363.45	0.93	379	243.10	1951.19	2194.29	0.89
320	210.23	1192.69	1402.92	0.85	350	178.52	2161.59	2340.12	0.92	380	237.42	1965.24	2202.65	0.89
321	209.30	1174.01	1383.30	0.85	351	181.47	2153.51	2334.99	0.92	381	232.23	1970.42	2202.65	0.89
322	206.82	1188.89	1395.72	0.85	352	185.47	2148.54	2334.01	0.92	382	226.81	1973.53	2200.34	0.90
323	207.67	1215.87	1423.54	0.85	353	190.56	2133.47	2324.03	0.92	383	220.81	1978.46	2199.28	0.90
324	210.09	1194.80	1404.89	0.85	354	195.54	2117.82	2313.36	0.92	384	214.28	1988.45	2202.73	0.90
325	209.15	1181.49	1390.64	0.85	355	199.66	2107.93	2307.59	0.91	385	206.89	2006.00	2212.89	0.91
326	207.87	1198.21	1406.08	0.85	356	205.48	2088.92	2294.40	0.91	386	200.25	2014.55	2214.80	0.91
327	210.48	1198.27	1408.76	0.85	357	210.32	2073.39	2283.71	0.91	387	195.05	2011.70	2206.75	0.91
328	213.93	1186.85	1400.78	0.85	358	213.40	2072.18	2285.58	0.91	388	189.50	2006.97	2196.47	0.91
329	217.90	1184.28	1402.19	0.84	359	217.02	2074.59	2291.61	0.91	389	183.52	2004.85	2188.37	0.92
330	221.79	1172.25	1394.04	0.84	360	221.30	2063.12	2284.42	0.90	390	176.97	2008.77	2185.74	0.92
331	226.64	1160.30	1386.93	0.84	361	227.44	2034.98	2262.42	0.90	391	170.85	2014.39	2185.25	0.92
332	229.59	1165.93	1395.52	0.84	362	232.22	2014.51	2246.74	0.90	392	165.67	2012.38	2178.05	0.92
333	228.44	1161.18	1389.62	0.84	363	235.63	2009.31	2244.93	0.89	393	161.17	2000.13	2161.30	0.93
334	228.73	1141.77	1370.51	0.83	364	239.23	2011.04	2250.27	0.89	394	156.55	1987.60	2144.15	0.93
335	232.99	1127.58	1360.57	0.83	365	242.50	2000.80	2243.30	0.89	395	152.07	1977.92	2130.00	0.93
336	234.84	1145.35	1380.19	0.83	366	247.00	1982.03	2229.04	0.89	396	147.04	1972.93	2119.97	0.93
337	236.40	1143.48	1379.88	0.83	367	250.34	1974.13	2224.48	0.89	397	142.54	1966.46	2109.00	0.93
338	237.84	1135.35	1373.18	0.83	368	252.91	1970.08	2222.99	0.89	398	137.84	1958.07	2095.90	0.93
339	237.09	1154.29	1391.38	0.83	369	254.46	1971.23	2225.68	0.89	399	133.78	1949.58	2083.36	0.94

λ (nm)	$A_{abs,\lambda}$ (m ² /kg)	$S_{sca,\lambda}$ (m ² /kg)	$E_{ext,\lambda}$ (m ² /kg)	albedo	λ (nm)	$A_{abs,\lambda}$ (m ² /kg)	$S_{sca,\lambda}$ (m ² /kg)	$E_{ext,\lambda}$ (m ² /kg)	albedo	λ (nm)	$A_{abs,\lambda}$ (m ² /kg)	$S_{sca,\lambda}$ (m ² /kg)	$E_{ext,\lambda}$ (m ² /kg)	albedo
400	294.02	1124.85	1418.87	0.79	430	371.22	1045.73	1416.95	0.74	460	225.94	1368.54	1594.48	0.86
401	296.92	1121.02	1417.94	0.79	431	372.58	1046.36	1418.94	0.74	461	223.13	1365.30	1588.44	0.86
402	300.15	1115.50	1415.65	0.79	432	374.08	1044.46	1418.54	0.74	462	220.25	1358.93	1579.18	0.86
403	303.31	1107.26	1410.57	0.78	433	374.75	1044.62	1419.37	0.74	463	217.86	1350.93	1568.78	0.86
404	306.94	1099.65	1406.59	0.78	434	374.80	1045.76	1420.56	0.74	464	215.95	1344.21	1560.16	0.86
405	310.62	1092.53	1403.15	0.78	435	374.49	1047.31	1421.80	0.74	465	214.08	1340.13	1554.21	0.86
406	314.23	1087.29	1401.52	0.78	436	373.54	1048.99	1422.52	0.74	466	212.35	1335.09	1547.44	0.86
407	317.89	1081.55	1399.44	0.77	437	371.60	1054.14	1425.75	0.74	467	210.64	1330.15	1540.79	0.86
408	321.66	1075.16	1396.81	0.77	438	369.02	1063.63	1432.65	0.74	468	209.30	1323.98	1533.28	0.86
409	325.34	1067.69	1393.03	0.77	439	365.40	1071.71	1437.12	0.75	469	208.05	1319.19	1527.24	0.86
410	328.92	1060.53	1389.44	0.76	440	360.95	1085.63	1446.58	0.75	470	206.65	1317.38	1524.03	0.86
411	332.37	1054.47	1386.85	0.76	441	355.63	1103.47	1459.11	0.76	471	205.68	1314.61	1520.29	0.86
412	335.52	1049.61	1385.13	0.76	442	349.53	1120.00	1469.53	0.76	472	204.40	1315.38	1519.78	0.87
413	338.34	1046.27	1384.61	0.76	443	343.03	1137.25	1480.28	0.77	473	203.29	1316.17	1519.46	0.87
414	341.06	1045.41	1386.47	0.75	444	335.69	1158.68	1494.37	0.78	474	202.16	1317.26	1519.42	0.87
415	343.69	1044.84	1388.54	0.75	445	327.76	1181.34	1509.10	0.78	475	201.31	1317.48	1518.79	0.87
416	345.94	1044.18	1390.12	0.75	446	319.64	1201.29	1520.93	0.79	476	200.58	1317.14	1517.71	0.87
417	348.04	1043.64	1391.68	0.75	447	311.09	1221.12	1532.21	0.80	477	199.77	1318.87	1518.64	0.87
418	350.08	1044.77	1394.86	0.75	448	302.17	1243.62	1545.79	0.80	478	198.82	1321.99	1520.80	0.87
419	351.81	1045.80	1397.61	0.75	449	293.77	1263.43	1557.20	0.81	479	198.35	1321.68	1520.04	0.87
420	353.67	1044.92	1398.59	0.75	450	285.41	1285.42	1570.83	0.82	480	197.90	1318.11	1516.00	0.87
421	355.62	1043.36	1398.98	0.75	451	277.17	1306.53	1583.70	0.82	481	197.25	1316.05	1513.30	0.87
422	357.31	1044.68	1401.98	0.75	452	269.21	1320.34	1589.54	0.83	482	196.70	1319.27	1515.97	0.87
423	358.85	1047.63	1406.48	0.74	453	262.13	1332.67	1594.80	0.84	483	196.15	1322.53	1518.68	0.87
424	360.42	1051.38	1411.81	0.74	454	255.35	1343.35	1598.71	0.84	484	195.81	1322.30	1518.11	0.87
425	362.11	1053.32	1415.43	0.74	455	248.86	1354.40	1603.25	0.84	485	195.37	1319.96	1515.33	0.87
426	364.12	1050.12	1414.24	0.74	456	243.25	1360.99	1604.24	0.85	486	195.13	1317.09	1512.22	0.87
427	365.79	1048.08	1413.87	0.74	457	238.28	1363.82	1602.10	0.85	487	194.60	1316.88	1511.48	0.87
428	367.57	1046.76	1414.33	0.74	458	233.73	1366.57	1600.30	0.85	488	194.14	1317.90	1512.04	0.87
429	369.49	1045.32	1414.80	0.74	459	229.67	1367.69	1597.36	0.86	489	193.58	1319.10	1512.67	0.87

λ (nm)	$A_{abs,\lambda}$ (m ² /kg)	$S_{sca,\lambda}$ (m ² /kg)	$E_{ext,\lambda}$ (m ² /kg)	albedo	λ (nm)	$A_{abs,\lambda}$ (m ² /kg)	$S_{sca,\lambda}$ (m ² /kg)	$E_{ext,\lambda}$ (m ² /kg)	albedo	λ (nm)	$A_{abs,\lambda}$ (m ² /kg)	$S_{sca,\lambda}$ (m ² /kg)	$E_{ext,\lambda}$ (m ² /kg)	albedo
490	192.86	1320.05	1512.90	0.87	520	129.63	1420.38	1550.01	0.92	550	108.11	1385.09	1493.20	0.93
491	192.07	1320.54	1512.61	0.87	521	127.37	1422.51	1549.88	0.92	551	109.06	1382.01	1491.08	0.93
492	191.18	1322.18	1513.36	0.87	522	125.25	1423.43	1548.69	0.92	552	110.08	1377.42	1487.50	0.93
493	190.27	1324.37	1514.64	0.87	523	123.12	1426.10	1549.22	0.92	553	111.60	1371.64	1483.24	0.92
494	188.92	1326.64	1515.56	0.88	524	121.16	1427.68	1548.84	0.92	554	112.90	1367.92	1480.82	0.92
495	187.56	1326.69	1514.26	0.88	525	119.25	1429.80	1549.05	0.92	555	114.23	1363.50	1477.73	0.92
496	186.19	1326.80	1512.99	0.88	526	117.57	1430.56	1548.14	0.92	556	115.58	1359.23	1474.81	0.92
497	184.79	1328.74	1513.53	0.88	527	115.85	1430.66	1546.51	0.93	557	117.18	1354.26	1471.44	0.92
498	182.91	1334.79	1517.70	0.88	528	114.18	1431.14	1545.32	0.93	558	119.00	1346.42	1465.42	0.92
499	181.02	1340.09	1521.11	0.88	529	112.68	1430.39	1543.07	0.93	559	120.91	1340.33	1461.23	0.92
500	178.99	1344.90	1523.88	0.88	530	111.48	1429.66	1541.14	0.93	560	122.77	1334.70	1457.47	0.92
501	176.83	1348.74	1525.57	0.88	531	110.16	1429.14	1539.29	0.93	561	124.79	1329.73	1454.52	0.91
502	174.63	1352.07	1526.70	0.89	532	108.92	1430.50	1539.42	0.93	562	127.00	1327.26	1454.26	0.91
503	172.30	1356.32	1528.62	0.89	533	107.67	1432.05	1539.72	0.93	563	129.20	1321.29	1450.49	0.91
504	169.91	1360.29	1530.20	0.89	534	106.81	1431.18	1537.99	0.93	564	131.76	1312.08	1443.84	0.91
505	167.47	1364.65	1532.12	0.89	535	105.92	1428.81	1534.73	0.93	565	134.22	1304.38	1438.60	0.91
506	164.82	1370.44	1535.26	0.89	536	105.39	1426.75	1532.14	0.93	566	136.73	1298.57	1435.30	0.90
507	162.26	1375.55	1537.81	0.89	537	104.68	1425.54	1530.22	0.93	567	139.31	1294.10	1433.41	0.90
508	159.52	1380.17	1539.69	0.90	538	104.15	1423.85	1527.99	0.93	568	141.84	1288.22	1430.06	0.90
509	157.00	1384.03	1541.03	0.90	539	104.02	1421.67	1525.68	0.93	569	144.46	1280.87	1425.32	0.90
510	154.21	1388.36	1542.58	0.90	540	103.85	1422.89	1526.74	0.93	570	146.90	1275.81	1422.71	0.90
511	151.72	1392.92	1544.64	0.90	541	103.68	1421.30	1524.98	0.93	571	149.68	1270.27	1419.96	0.89
512	149.01	1396.44	1545.45	0.90	542	103.87	1413.96	1517.83	0.93	572	152.38	1265.92	1418.30	0.89
513	146.38	1399.15	1545.53	0.91	543	104.03	1408.31	1512.34	0.93	573	155.06	1260.52	1415.58	0.89
514	143.98	1402.48	1546.47	0.91	544	104.31	1406.56	1510.88	0.93	574	157.64	1254.42	1412.07	0.89
515	141.38	1408.24	1549.62	0.91	545	104.59	1407.22	1511.81	0.93	575	160.39	1248.21	1408.61	0.89
516	138.88	1413.87	1552.75	0.91	546	105.18	1403.21	1508.39	0.93	576	163.15	1242.73	1405.88	0.88
517	136.46	1415.60	1552.07	0.91	547	105.84	1396.69	1502.53	0.93	577	165.59	1240.56	1406.15	0.88
518	134.21	1415.21	1549.42	0.91	548	106.53	1392.05	1498.58	0.93	578	167.89	1238.96	1406.85	0.88
519	131.83	1417.30	1549.13	0.91	549	107.23	1388.44	1495.67	0.93	579	170.50	1234.43	1404.93	0.88

λ (nm)	$A_{abs,\lambda}$ (m ² /kg)	$S_{sca,\lambda}$ (m ² /kg)	$E_{ext,\lambda}$ (m ² /kg)	albedo	λ (nm)	$A_{abs,\lambda}$ (m ² /kg)	$S_{sca,\lambda}$ (m ² /kg)	$E_{ext,\lambda}$ (m ² /kg)	albedo	λ (nm)	$A_{abs,\lambda}$ (m ² /kg)	$S_{sca,\lambda}$ (m ² /kg)	$E_{ext,\lambda}$ (m ² /kg)	albedo
580	173.08	1228.97	1402.06	0.88	610	246.18	1114.44	1360.62	0.82	640	199.36	1237.54	1436.90	0.86
581	175.77	1224.04	1399.81	0.87	611	247.99	1114.00	1361.99	0.82	641	195.50	1243.11	1438.61	0.86
582	178.20	1220.88	1399.08	0.87	612	249.52	1112.60	1362.12	0.82	642	191.61	1250.69	1442.30	0.87
583	180.58	1217.22	1397.80	0.87	613	250.97	1110.22	1361.20	0.82	643	187.90	1259.17	1447.07	0.87
584	183.08	1212.72	1395.80	0.87	614	252.21	1109.87	1362.08	0.81	644	184.72	1262.46	1447.18	0.87
585	185.55	1209.61	1395.16	0.87	615	253.38	1111.17	1364.55	0.81	645	181.57	1265.85	1447.43	0.87
586	188.20	1205.56	1393.76	0.86	616	254.09	1112.51	1366.60	0.81	646	179.13	1268.45	1447.58	0.88
587	190.77	1200.20	1390.97	0.86	617	254.78	1112.12	1366.90	0.81	647	176.86	1270.21	1447.07	0.88
588	193.16	1196.79	1389.95	0.86	618	254.86	1115.55	1370.41	0.81	648	175.07	1270.22	1445.29	0.88
589	195.47	1194.97	1390.44	0.86	619	254.93	1118.45	1373.38	0.81	649	173.88	1267.73	1441.61	0.88
590	197.97	1190.92	1388.90	0.86	620	254.74	1120.81	1375.55	0.81	650	173.28	1265.09	1438.37	0.88
591	200.41	1186.85	1387.26	0.86	621	254.23	1123.62	1377.85	0.82	651	173.13	1260.72	1433.85	0.88
592	202.89	1178.90	1381.79	0.85	622	253.51	1127.36	1380.87	0.82	652	173.67	1254.72	1428.39	0.88
593	205.36	1173.91	1379.26	0.85	623	252.52	1132.52	1385.04	0.82	653	174.61	1247.11	1421.72	0.88
594	207.66	1172.37	1380.03	0.85	624	251.45	1136.14	1387.59	0.82	654	176.17	1238.64	1414.80	0.88
595	210.20	1170.32	1380.52	0.85	625	249.80	1139.82	1389.62	0.82	655	178.07	1228.29	1406.36	0.87
596	212.83	1165.92	1378.75	0.85	626	248.15	1144.30	1392.45	0.82	656	180.65	1219.08	1399.73	0.87
597	215.26	1157.69	1372.95	0.84	627	246.00	1148.29	1394.29	0.82	657	183.85	1208.12	1391.97	0.87
598	217.90	1150.81	1368.71	0.84	628	243.47	1153.98	1397.45	0.83	658	187.14	1194.86	1382.01	0.86
599	220.45	1148.47	1368.92	0.84	629	240.96	1157.76	1398.72	0.83	659	190.90	1184.16	1375.06	0.86
600	222.83	1146.35	1369.17	0.84	630	238.14	1158.78	1396.92	0.83	660	194.89	1174.48	1369.38	0.86
601	225.57	1141.77	1367.34	0.84	631	235.01	1161.07	1396.08	0.83	661	199.15	1164.75	1363.90	0.85
602	227.93	1137.63	1365.56	0.83	632	231.74	1166.60	1398.34	0.83	662	203.67	1152.02	1355.69	0.85
603	230.55	1133.62	1364.16	0.83	633	228.04	1174.47	1402.51	0.84	663	208.24	1138.70	1346.94	0.85
604	233.06	1130.91	1363.97	0.83	634	224.07	1184.58	1408.65	0.84	664	212.89	1128.45	1341.34	0.84
605	235.39	1127.95	1363.35	0.83	635	220.26	1192.72	1412.98	0.84	665	217.40	1119.49	1336.89	0.84
606	237.65	1124.85	1362.51	0.83	636	216.14	1200.88	1417.02	0.85	666	221.70	1111.80	1333.50	0.83
607	239.82	1121.71	1361.53	0.82	637	211.98	1211.40	1423.37	0.85	667	225.77	1105.11	1330.88	0.83
608	242.05	1117.75	1359.80	0.82	638	207.86	1219.97	1427.83	0.85	668	229.44	1099.71	1329.15	0.83
609	244.21	1114.85	1359.06	0.82	639	203.53	1229.72	1433.26	0.86	669	232.98	1094.74	1327.73	0.82

λ (nm)	$A_{abs,\lambda}$ (m ² /kg)	$S_{sca,\lambda}$ (m ² /kg)	$E_{ext,\lambda}$ (m ² /kg)	albedo	λ (nm)	$A_{abs,\lambda}$ (m ² /kg)	$S_{sca,\lambda}$ (m ² /kg)	$E_{ext,\lambda}$ (m ² /kg)	albedo	λ (nm)	$A_{abs,\lambda}$ (m ² /kg)	$S_{sca,\lambda}$ (m ² /kg)	$E_{ext,\lambda}$ (m ² /kg)	albedo
670	235.84	1092.66	1328.50	0.82	700	65.42	1564.32	1629.74	0.96	730	6.21	1475.75	1481.97	1.00
671	238.14	1092.76	1330.91	0.82	701	59.83	1567.75	1627.58	0.96	731	5.79	1474.62	1480.41	1.00
672	239.90	1095.47	1335.37	0.82	702	54.96	1567.95	1622.91	0.97	732	5.33	1471.06	1476.39	1.00
673	240.67	1100.41	1341.09	0.82	703	50.46	1566.21	1616.67	0.97	733	4.82	1468.57	1473.39	1.00
674	241.00	1106.09	1347.09	0.82	704	46.38	1565.54	1611.92	0.97	734	4.41	1467.21	1471.62	1.00
675	240.69	1115.18	1355.86	0.82	705	42.77	1563.23	1606.01	0.97	735	3.90	1464.02	1467.91	1.00
676	239.11	1128.22	1367.33	0.83	706	39.22	1559.80	1599.02	0.98	736	3.87	1460.29	1464.16	1.00
677	236.85	1141.59	1378.45	0.83	707	36.18	1555.83	1592.01	0.98	737	3.39	1457.61	1461.00	1.00
678	233.65	1158.33	1391.98	0.83	708	33.38	1551.38	1584.76	0.98	738	3.08	1455.48	1458.56	1.00
679	229.62	1174.56	1404.17	0.84	709	30.65	1548.82	1579.47	0.98	739	2.84	1454.00	1456.84	1.00
680	224.70	1192.79	1417.48	0.84	710	28.25	1546.25	1574.50	0.98	740	2.75	1451.24	1453.98	1.00
681	218.95	1214.14	1433.08	0.85	711	25.88	1542.37	1568.25	0.98	741	2.51	1449.63	1452.14	1.00
682	212.53	1235.29	1447.83	0.85	712	23.96	1537.64	1561.60	0.98	742	2.27	1447.15	1449.42	1.00
683	205.40	1258.41	1463.82	0.86	713	22.33	1532.82	1555.14	0.99	743	2.21	1444.98	1447.19	1.00
684	197.82	1281.68	1479.50	0.87	714	20.46	1530.17	1550.62	0.99	744	2.21	1442.53	1444.74	1.00
685	189.45	1305.70	1495.14	0.87	715	18.90	1525.90	1544.80	0.99	745	2.02	1440.75	1442.77	1.00
686	180.71	1330.23	1510.94	0.88	716	17.57	1522.29	1539.86	0.99	746	1.68	1439.20	1440.89	1.00
687	171.54	1356.86	1528.40	0.89	717	16.34	1519.18	1535.52	0.99	747	1.44	1437.46	1438.90	1.00
688	162.28	1380.90	1543.18	0.89	718	15.26	1515.12	1530.39	0.99	748	1.25	1436.09	1437.34	1.00
689	152.91	1405.08	1558.00	0.90	719	14.27	1508.35	1522.62	0.99	749	1.11	1433.86	1434.97	1.00
690	143.30	1430.02	1573.32	0.91	720	13.22	1504.39	1517.61	0.99	750	0.92	1431.37	1432.30	1.00
691	133.77	1452.25	1586.02	0.92	721	12.36	1502.88	1515.24	0.99	751	0.80	1428.78	1429.57	1.00
692	124.67	1473.01	1597.68	0.92	722	11.60	1500.20	1511.80	0.99	752	0.47	1427.00	1427.47	1.00
693	115.75	1493.25	1609.00	0.93	723	10.88	1496.57	1507.45	0.99	753	0.45	1422.96	1423.41	1.00
694	107.26	1510.97	1618.23	0.93	724	9.95	1493.43	1503.37	0.99	754	0.17	1420.32	1420.49	1.00
695	99.03	1526.66	1625.69	0.94	725	9.35	1490.61	1499.97	0.99	755	0.24	1419.27	1419.51	1.00
696	91.30	1539.01	1630.31	0.94	726	8.57	1489.34	1497.91	0.99	756	0.11	1417.45	1417.56	1.00
697	84.01	1547.89	1631.90	0.95	727	7.72	1486.49	1494.21	0.99	757	0.05	1415.18	1415.23	1.00
698	77.46	1553.91	1631.37	0.95	728	7.12	1484.46	1491.58	1.00	758	0.12	1413.91	1414.03	1.00
699	71.24	1559.78	1631.02	0.96	729	6.38	1480.87	1487.25	1.00	759	0.13	1412.49	1412.62	1.00

λ (nm)	$A_{abs,\lambda}$ (m ² /kg)	$S_{sca,\lambda}$ (m ² /kg)	$E_{ext,\lambda}$ (m ² /kg)	albedo	λ (nm)	$A_{abs,\lambda}$ (m ² /kg)	$S_{sca,\lambda}$ (m ² /kg)	$E_{ext,\lambda}$ (m ² /kg)	albedo	λ (nm)	$A_{abs,\lambda}$ (m ² /kg)	$S_{sca,\lambda}$ (m ² /kg)	$E_{ext,\lambda}$ (m ² /kg)	albedo
760	0.00	1411.52	1411.52	1.00	790	0.00	1354.29	1352.97	1.00	820	1.89	1292.10	1293.99	1.00
761	0.00	1409.36	1409.25	1.00	791	0.00	1353.01	1351.77	1.00	821	2.11	1290.54	1292.65	1.00
762	0.00	1406.61	1406.46	1.00	792	0.00	1352.10	1350.88	1.00	822	2.10	1289.64	1291.74	1.00
763	0.00	1403.24	1403.11	1.00	793	0.00	1350.34	1349.19	1.00	823	1.58	1287.34	1288.91	1.00
764	0.13	1400.47	1400.60	1.00	794	0.00	1348.66	1347.45	1.00	824	0.80	1287.30	1288.09	1.00
765	0.42	1398.89	1399.31	1.00	795	0.00	1344.67	1343.69	1.00	825	0.24	1288.84	1289.08	1.00
766	0.68	1396.67	1397.35	1.00	796	0.00	1342.82	1342.36	1.00	826	0.00	1287.28	1287.04	1.00
767	0.77	1394.24	1395.02	1.00	797	0.00	1340.34	1340.10	1.00	827	0.00	1286.88	1286.48	1.00
768	0.92	1391.13	1392.05	1.00	798	0.28	1336.63	1336.91	1.00	828	0.00	1287.74	1287.10	1.00
769	1.08	1388.10	1389.18	1.00	799	0.47	1336.11	1336.58	1.00	829	0.00	1283.94	1283.41	1.00
770	1.41	1385.53	1386.94	1.00	800	0.42	1332.99	1333.40	1.00	830	0.00	1280.65	1280.43	1.00
771	1.41	1385.03	1386.44	1.00	801	0.57	1330.37	1330.94	1.00	831	0.00	1281.37	1280.34	1.00
772	0.99	1383.52	1384.51	1.00	802	0.67	1328.14	1328.81	1.00	832	0.00	1283.26	1281.42	1.00
773	0.99	1379.55	1380.54	1.00	803	0.47	1326.40	1326.87	1.00	833	0.00	1281.35	1279.47	1.00
774	1.11	1377.75	1378.86	1.00	804	0.00	1325.67	1325.53	1.00	834	0.00	1276.90	1275.07	1.00
775	0.82	1377.78	1378.60	1.00	805	0.00	1322.97	1322.57	1.00	835	0.00	1272.62	1271.30	1.00
776	0.86	1378.63	1379.49	1.00	806	0.09	1320.15	1320.24	1.00	836	0.00	1273.08	1271.82	1.00
777	1.05	1375.94	1376.99	1.00	807	0.34	1317.55	1317.90	1.00	837	0.00	1273.69	1272.20	1.00
778	0.89	1373.58	1374.48	1.00	808	0.69	1316.25	1316.94	1.00	838	0.00	1273.06	1271.11	1.00
779	0.85	1371.48	1372.33	1.00	809	0.77	1317.49	1318.25	1.00	839	0.00	1271.25	1269.56	1.00
780	0.89	1368.70	1369.58	1.00	810	1.25	1315.54	1316.79	1.00	840	0.00	1266.28	1265.50	1.00
781	0.63	1368.92	1369.55	1.00	811	0.85	1314.80	1315.65	1.00	841	0.00	1266.26	1266.06	1.00
782	0.00	1368.69	1368.58	1.00	812	0.57	1312.36	1312.93	1.00	842	0.10	1266.93	1267.02	1.00
783	0.00	1368.15	1367.71	1.00	813	0.43	1309.36	1309.79	1.00	843	0.75	1264.68	1265.43	1.00
784	0.00	1366.33	1365.68	1.00	814	0.00	1308.08	1307.78	1.00	844	1.35	1261.57	1262.92	1.00
785	0.00	1362.65	1361.82	1.00	815	0.29	1305.70	1305.99	1.00	845	1.68	1258.51	1260.18	1.00
786	0.00	1360.87	1359.57	1.00	816	0.85	1303.23	1304.09	1.00	846	1.67	1258.59	1260.27	1.00
787	0.00	1358.75	1357.57	1.00	817	1.02	1301.26	1302.28	1.00	847	2.17	1256.97	1259.14	1.00
788	0.00	1356.53	1355.91	1.00	818	1.23	1299.59	1300.82	1.00	848	2.30	1257.43	1259.72	1.00
789	0.00	1355.61	1354.85	1.00	819	1.12	1296.89	1298.00	1.00	849	1.60	1258.78	1260.38	1.00

λ (nm)	$A_{abs,\lambda}$ (m ² /kg)	$S_{sca,\lambda}$ (m ² /kg)	$E_{ext,\lambda}$ (m ² /kg)	albedo	λ (nm)	$A_{abs,\lambda}$ (m ² /kg)	$S_{sca,\lambda}$ (m ² /kg)	$E_{ext,\lambda}$ (m ² /kg)	albedo	λ (nm)	$A_{abs,\lambda}$ (m ² /kg)	$S_{sca,\lambda}$ (m ² /kg)	$E_{ext,\lambda}$ (m ² /kg)	albedo
850	2.13	1254.99	1257.12	1.00	880	0.00	1289.06	1282.67	1.00	910	0.00	1173.68	1173.38	1.00
851	2.10	1254.79	1256.88	1.00	881	0.00	1294.61	1286.92	1.01	911	0.00	1169.55	1169.37	1.00
852	1.71	1256.16	1257.87	1.00	882	0.00	1297.62	1289.68	1.01	912	0.00	1164.18	1164.00	1.00
853	1.46	1256.79	1258.25	1.00	883	0.00	1291.86	1284.58	1.01	913	0.00	1161.69	1161.56	1.00
854	1.91	1254.14	1256.06	1.00	884	0.00	1285.32	1278.51	1.01	914	0.04	1157.79	1157.83	1.00
855	1.44	1257.09	1258.53	1.00	885	0.00	1279.16	1273.98	1.00	915	0.10	1151.85	1151.96	1.00
856	0.75	1259.96	1260.71	1.00	886	0.00	1278.30	1272.86	1.00	916	0.12	1150.30	1150.41	1.00
857	0.54	1258.22	1258.77	1.00	887	0.00	1280.81	1274.47	1.00	917	0.06	1147.86	1147.92	1.00
858	0.03	1261.51	1261.54	1.00	888	0.00	1284.23	1276.46	1.01	918	0.02	1147.45	1147.46	1.00
859	0.00	1264.59	1263.75	1.00	889	0.00	1286.75	1277.88	1.01	919	0.00	1149.06	1149.06	1.00
860	0.00	1262.75	1261.77	1.00	890	0.00	1287.66	1278.84	1.01	920	0.10	1149.06	1149.16	1.00
861	0.00	1265.66	1264.50	1.00	891	0.00	1286.03	1276.94	1.01	921	0.00	1152.54	1152.46	1.00
862	0.00	1267.85	1266.70	1.00	892	0.00	1281.68	1273.26	1.01	922	0.00	1159.01	1158.68	1.00
863	0.00	1266.52	1265.77	1.00	893	0.00	1282.19	1274.56	1.01	923	0.00	1163.91	1163.41	1.00
864	0.00	1266.05	1265.34	1.00	894	0.00	1280.98	1273.44	1.01	924	0.00	1161.96	1161.44	1.00
865	0.00	1268.32	1267.82	1.00	895	0.00	1277.33	1269.40	1.01	925	0.00	1155.66	1155.09	1.00
866	0.00	1273.13	1271.15	1.00	896	0.00	1275.11	1267.02	1.01	926	0.00	1152.14	1151.59	1.00
867	0.00	1273.20	1270.64	1.00	897	0.00	1268.92	1261.82	1.01	927	0.00	1149.58	1149.02	1.00
868	0.00	1273.52	1270.57	1.00	898	0.00	1268.29	1262.15	1.00	928	0.00	1145.39	1144.88	1.00
869	0.00	1275.24	1272.21	1.00	899	0.00	1266.37	1260.16	1.00	929	0.00	1138.24	1138.01	1.00
870	0.00	1279.76	1276.08	1.00	900	0.00	1228.98	1223.60	1.00	930	0.00	1131.31	1131.05	1.00
871	0.00	1282.53	1279.11	1.00	901	0.00	1195.47	1189.69	1.00	931	0.00	1126.15	1126.15	1.00
872	0.00	1282.74	1279.40	1.00	902	0.00	1188.26	1183.26	1.00	932	0.25	1123.87	1124.12	1.00
873	0.00	1281.71	1277.76	1.00	903	0.00	1185.76	1181.47	1.00	933	0.32	1123.10	1123.42	1.00
874	0.00	1285.43	1280.86	1.00	904	0.00	1183.22	1180.29	1.00	934	0.53	1122.82	1123.35	1.00
875	0.00	1289.27	1284.38	1.00	905	0.00	1180.85	1179.14	1.00	935	0.54	1120.19	1120.72	1.00
876	0.00	1294.03	1288.42	1.00	906	0.00	1177.39	1176.43	1.00	936	0.61	1118.32	1118.92	1.00
877	0.00	1300.33	1293.53	1.01	907	0.04	1177.66	1177.70	1.00	937	0.58	1122.99	1123.58	1.00
878	0.00	1297.56	1290.55	1.01	908	0.00	1183.77	1183.08	1.00	938	0.56	1126.21	1126.77	1.00
879	0.00	1292.24	1285.24	1.01	909	0.00	1178.87	1178.37	1.00	939	0.54	1127.29	1127.83	1.00

λ (nm)	$A_{abs,\lambda}$ (m ² /kg)	$S_{sca,\lambda}$ (m ² /kg)	$E_{ext,\lambda}$ (m ² /kg)	albedo	λ (nm)	$A_{abs,\lambda}$ (m ² /kg)	$S_{sca,\lambda}$ (m ² /kg)	$E_{ext,\lambda}$ (m ² /kg)	albedo	λ (nm)	$A_{abs,\lambda}$ (m ² /kg)	$S_{sca,\lambda}$ (m ² /kg)	$E_{ext,\lambda}$ (m ² /kg)	albedo
940	0.60	1123.38	1123.98	1.00	970	0.00	1082.42	1082.31	1.00	1000	0.61	1029.66	1030.27	1.00
941	0.86	1118.38	1119.24	1.00	971	0.00	1083.31	1083.18	1.00	1001	0.69	1024.63	1025.32	1.00
942	0.78	1116.90	1117.68	1.00	972	0.00	1084.14	1083.92	1.00	1002	0.72	1019.20	1019.92	1.00
943	1.14	1111.00	1112.14	1.00	973	0.00	1079.65	1079.51	1.00	1003	0.82	1019.75	1020.57	1.00
944	1.09	1108.60	1109.69	1.00	974	0.00	1077.85	1077.78	1.00	1004	0.84	1018.59	1019.43	1.00
945	1.38	1106.36	1107.74	1.00	975	0.00	1078.55	1078.34	1.00	1005	0.89	1016.74	1017.62	1.00
946	1.45	1102.57	1104.02	1.00	976	0.00	1075.66	1075.57	1.00	1006	0.75	1017.64	1018.38	1.00
947	1.43	1102.27	1103.70	1.00	977	0.05	1074.45	1074.50	1.00	1007	1.00	1010.71	1011.70	1.00
948	1.33	1100.74	1102.07	1.00	978	0.17	1071.33	1071.50	1.00	1008	1.03	1005.44	1006.47	1.00
949	1.17	1099.39	1100.56	1.00	979	0.43	1064.63	1065.06	1.00	1009	0.91	1008.28	1009.19	1.00
950	1.09	1099.23	1100.32	1.00	980	0.48	1062.13	1062.61	1.00	1010	0.98	1009.23	1010.21	1.00
951	1.16	1099.34	1100.50	1.00	981	0.60	1059.86	1060.45	1.00	1011	0.93	1009.06	1009.99	1.00
952	1.06	1101.22	1102.28	1.00	982	0.65	1057.25	1057.91	1.00	1012	1.10	1005.03	1006.13	1.00
953	1.03	1096.02	1097.04	1.00	983	0.73	1056.93	1057.66	1.00	1013	1.12	1003.86	1004.98	1.00
954	0.94	1095.13	1096.08	1.00	984	0.81	1053.21	1054.02	1.00	1014	1.10	1003.24	1004.35	1.00
955	1.09	1093.52	1094.62	1.00	985	0.80	1050.23	1051.03	1.00	1015	1.29	1000.37	1001.66	1.00
956	1.11	1090.73	1091.84	1.00	986	0.83	1050.51	1051.34	1.00	1016	1.19	1001.17	1002.36	1.00
957	0.95	1089.09	1090.04	1.00	987	0.82	1048.57	1049.40	1.00	1017	1.40	1000.12	1001.52	1.00
958	1.14	1084.59	1085.73	1.00	988	0.62	1049.08	1049.70	1.00	1018	1.47	994.69	996.15	1.00
959	0.70	1092.98	1093.69	1.00	989	0.49	1050.60	1051.10	1.00	1019	1.62	990.67	992.29	1.00
960	0.41	1096.53	1096.93	1.00	990	0.57	1049.28	1049.85	1.00	1020	1.66	987.67	989.32	1.00
961	0.31	1089.29	1089.60	1.00	991	0.60	1046.26	1046.86	1.00	1021	1.98	980.15	982.13	1.00
962	0.18	1089.38	1089.56	1.00	992	0.62	1041.84	1042.46	1.00	1022	1.98	977.74	979.72	1.00
963	0.15	1087.68	1087.82	1.00	993	0.57	1042.79	1043.36	1.00	1023	2.23	975.29	977.52	1.00
964	0.15	1082.80	1082.95	1.00	994	0.55	1044.24	1044.79	1.00	1024	2.34	972.18	974.52	1.00
965	0.00	1085.97	1085.86	1.00	995	0.54	1038.98	1039.51	1.00	1025	2.45	973.17	975.62	1.00
966	0.00	1086.64	1086.55	1.00	996	0.76	1032.94	1033.70	1.00	1026	2.34	971.38	973.72	1.00
967	0.00	1083.86	1083.75	1.00	997	0.81	1030.14	1030.96	1.00	1027	2.30	968.33	970.63	1.00
968	0.00	1082.89	1082.83	1.00	998	0.83	1029.35	1030.18	1.00	1028	2.49	967.38	969.87	1.00
969	0.00	1083.07	1082.91	1.00	999	0.50	1029.96	1030.46	1.00	1029	2.47	965.32	967.80	1.00

λ (nm)	$A_{abs,\lambda}$ (m ² /kg)	$S_{sca,\lambda}$ (m ² /kg)	$E_{ext,\lambda}$ (m ² /kg)	albedo	λ (nm)	$A_{abs,\lambda}$ (m ² /kg)	$S_{sca,\lambda}$ (m ² /kg)	$E_{ext,\lambda}$ (m ² /kg)	albedo	λ (nm)	$A_{abs,\lambda}$ (m ² /kg)	$S_{sca,\lambda}$ (m ² /kg)	$E_{ext,\lambda}$ (m ² /kg)	albedo
1030	2.52	964.82	967.34	1.00	1060	2.47	909.82	912.28	1.00	1090	4.59	863.52	868.11	0.99
1031	2.47	965.12	967.58	1.00	1061	2.54	908.02	910.56	1.00	1091	4.57	862.45	867.02	0.99
1032	2.41	964.75	967.16	1.00	1062	2.49	907.63	910.12	1.00	1092	4.74	860.86	865.59	0.99
1033	2.32	965.10	967.41	1.00	1063	2.47	906.29	908.76	1.00	1093	4.70	860.48	865.18	0.99
1034	2.46	961.89	964.35	1.00	1064	2.44	905.54	907.98	1.00	1094	4.52	860.14	864.66	0.99
1035	2.37	958.91	961.28	1.00	1065	2.52	902.28	904.80	1.00	1095	4.54	857.90	862.44	0.99
1036	2.42	955.80	958.21	1.00	1066	2.46	902.89	905.35	1.00	1096	4.33	855.81	860.14	0.99
1037	2.42	953.17	955.59	1.00	1067	2.43	901.01	903.44	1.00	1097	4.11	856.81	860.91	1.00
1038	2.41	950.31	952.72	1.00	1068	2.49	898.45	900.94	1.00	1098	4.08	856.25	860.33	1.00
1039	2.53	946.98	949.51	1.00	1069	2.36	897.93	900.29	1.00	1099	3.95	856.26	860.21	1.00
1040	2.42	945.37	947.79	1.00	1070	2.33	894.49	896.82	1.00	1100	3.96	856.47	860.43	1.00
1041	2.47	940.30	942.77	1.00	1071	2.40	893.11	895.51	1.00	1101	3.88	854.62	858.50	1.00
1042	2.50	937.36	939.86	1.00	1072	2.23	891.51	893.74	1.00	1102	3.75	854.59	858.34	1.00
1043	2.43	935.78	938.21	1.00	1073	2.39	889.19	891.58	1.00	1103	3.70	855.68	859.38	1.00
1044	2.30	937.10	939.40	1.00	1074	2.41	888.53	890.94	1.00	1104	3.81	852.34	856.16	1.00
1045	2.24	936.08	938.31	1.00	1075	2.43	885.78	888.21	1.00	1105	3.75	852.35	856.10	1.00
1046	2.27	930.74	933.00	1.00	1076	2.45	884.82	887.27	1.00	1106	3.65	851.82	855.47	1.00
1047	2.22	929.06	931.28	1.00	1077	2.55	883.38	885.94	1.00	1107	3.62	848.43	852.06	1.00
1048	2.10	928.33	930.43	1.00	1078	2.59	879.16	881.75	1.00	1108	3.41	850.58	853.99	1.00
1049	2.22	926.07	928.29	1.00	1079	2.78	877.36	880.14	1.00	1109	3.41	850.71	854.13	1.00
1050	2.21	927.65	929.86	1.00	1080	2.66	877.23	879.89	1.00	1110	3.60	847.06	850.66	1.00
1051	2.06	928.52	930.59	1.00	1081	2.87	875.50	878.37	1.00	1111	3.87	845.17	849.03	1.00
1052	2.14	924.77	926.91	1.00	1082	2.89	876.73	879.62	1.00	1112	4.05	845.32	849.38	1.00
1053	2.12	924.63	926.74	1.00	1083	2.84	877.69	880.53	1.00	1113	4.24	845.42	849.66	1.00
1054	2.16	921.41	923.57	1.00	1084	2.97	874.96	877.93	1.00	1114	4.31	843.91	848.22	0.99
1055	2.21	916.31	918.52	1.00	1085	3.29	871.79	875.07	1.00	1115	4.61	842.35	846.96	0.99
1056	2.31	916.68	918.99	1.00	1086	3.43	871.82	875.25	1.00	1116	4.66	843.46	848.12	0.99
1057	2.24	916.48	918.71	1.00	1087	3.75	869.54	873.29	1.00	1117	4.93	841.76	846.69	0.99
1058	2.30	911.09	913.39	1.00	1088	3.99	866.64	870.63	1.00	1118	4.94	841.26	846.20	0.99
1059	2.24	911.36	913.60	1.00	1089	4.44	865.23	869.68	0.99	1119	4.97	841.07	846.04	0.99

λ (nm)	$A_{abs,\lambda}$ (m ² /kg)	$S_{sca,\lambda}$ (m ² /kg)	$E_{ext,\lambda}$ (m ² /kg)	albedo	λ (nm)	$A_{abs,\lambda}$ (m ² /kg)	$S_{sca,\lambda}$ (m ² /kg)	$E_{ext,\lambda}$ (m ² /kg)	albedo	λ (nm)	$A_{abs,\lambda}$ (m ² /kg)	$S_{sca,\lambda}$ (m ² /kg)	$E_{ext,\lambda}$ (m ² /kg)	albedo
1120	4.98	839.11	844.10	0.99	1150	5.14	844.42	849.56	0.99	1180	4.80	836.50	841.29	0.99
1121	5.09	837.42	842.51	0.99	1151	5.08	849.14	854.23	0.99	1181	4.63	834.56	839.19	0.99
1122	4.87	835.10	839.96	0.99	1152	5.02	855.63	860.66	0.99	1182	4.54	834.19	838.73	0.99
1123	4.93	833.41	838.34	0.99	1153	5.14	856.49	861.62	0.99	1183	4.57	831.91	836.47	0.99
1124	5.32	832.69	838.01	0.99	1154	5.26	857.21	862.47	0.99	1184	4.52	831.16	835.67	0.99
1125	5.17	832.48	837.65	0.99	1155	5.26	859.18	864.44	0.99	1185	4.53	831.75	836.28	0.99
1126	5.18	832.70	837.88	0.99	1156	5.45	851.03	856.48	0.99	1186	4.56	829.54	834.09	0.99
1127	5.33	833.36	838.69	0.99	1157	5.72	845.40	851.13	0.99	1187	4.52	827.30	831.83	0.99
1128	5.12	831.26	836.38	0.99	1158	5.62	845.05	850.67	0.99	1188	4.61	825.77	830.38	0.99
1129	5.21	826.83	832.04	0.99	1159	5.62	844.26	849.88	0.99	1189	4.51	823.54	828.04	0.99
1130	4.97	829.58	834.55	0.99	1160	5.47	848.91	854.39	0.99	1190	4.36	823.91	828.28	0.99
1131	4.93	830.16	835.09	0.99	1161	5.43	851.44	856.87	0.99	1191	4.37	824.79	829.15	0.99
1132	4.93	828.16	833.09	0.99	1162	5.50	850.85	856.35	0.99	1192	4.31	821.07	825.37	0.99
1133	4.84	830.39	835.23	0.99	1163	5.32	853.27	858.60	0.99	1193	4.08	820.17	824.25	1.00
1134	4.62	832.30	836.92	0.99	1164	5.13	854.59	859.73	0.99	1194	4.18	819.43	823.62	0.99
1135	4.59	831.69	836.29	0.99	1165	5.19	851.97	857.17	0.99	1195	4.28	816.50	820.77	0.99
1136	4.37	832.83	837.20	0.99	1166	5.23	850.55	855.78	0.99	1196	4.22	816.74	820.95	0.99
1137	4.22	835.29	839.51	1.00	1167	5.21	849.78	854.99	0.99	1197	4.25	818.08	822.33	0.99
1138	4.50	831.78	836.29	0.99	1168	5.21	847.29	852.50	0.99	1198	4.27	815.99	820.26	0.99
1139	4.47	829.92	834.39	0.99	1169	5.15	846.61	851.75	0.99	1199	4.26	813.70	817.96	0.99
1140	4.59	831.34	835.93	0.99	1170	4.94	847.29	852.23	0.99	1200	4.45	812.87	817.32	0.99
1141	4.63	831.10	835.73	0.99	1171	4.91	844.73	849.63	0.99	1201	4.31	812.79	817.10	0.99
1142	4.66	832.70	837.36	0.99	1172	4.79	844.66	849.44	0.99	1202	4.38	812.67	817.05	0.99
1143	4.59	835.75	840.33	0.99	1173	4.72	845.93	850.65	0.99	1203	4.46	812.43	816.89	0.99
1144	4.80	835.94	840.74	0.99	1174	4.78	844.94	849.72	0.99	1204	4.41	810.28	814.69	0.99
1145	4.69	839.52	844.21	0.99	1175	4.88	842.88	847.76	0.99	1205	4.43	807.79	812.22	0.99
1146	4.83	840.71	845.54	0.99	1176	4.92	841.69	846.61	0.99	1206	4.54	806.75	811.29	0.99
1147	4.98	840.08	845.06	0.99	1177	5.00	840.57	845.57	0.99	1207	4.38	806.11	810.48	0.99
1148	5.17	837.82	842.99	0.99	1178	4.67	839.16	843.83	0.99	1208	4.47	805.89	810.36	0.99
1149	5.19	838.61	843.80	0.99	1179	4.72	838.42	843.14	0.99	1209	4.50	805.30	809.80	0.99

λ (nm)	$A_{abs,\lambda}$ (m ² /kg)	$S_{sca,\lambda}$ (m ² /kg)	$E_{ext,\lambda}$ (m ² /kg)	albedo	λ (nm)	$A_{abs,\lambda}$ (m ² /kg)	$S_{sca,\lambda}$ (m ² /kg)	$E_{ext,\lambda}$ (m ² /kg)	albedo	λ (nm)	$A_{abs,\lambda}$ (m ² /kg)	$S_{sca,\lambda}$ (m ² /kg)	$E_{ext,\lambda}$ (m ² /kg)	albedo
1210	4.38	803.84	808.23	0.99	1240	6.06	763.05	769.11	0.99	1270	6.31	736.90	743.20	0.99
1211	4.41	802.10	806.50	0.99	1241	5.84	764.65	770.49	0.99	1271	6.09	737.49	743.58	0.99
1212	4.48	802.61	807.09	0.99	1242	5.75	766.34	772.10	0.99	1272	6.05	736.13	742.19	0.99
1213	4.47	801.40	805.87	0.99	1243	5.78	766.30	772.08	0.99	1273	6.45	733.73	740.17	0.99
1214	4.61	797.87	802.49	0.99	1244	5.76	765.63	771.39	0.99	1274	6.38	733.84	740.22	0.99
1215	4.66	798.15	802.80	0.99	1245	5.49	765.34	770.83	0.99	1275	6.30	732.53	738.83	0.99
1216	4.52	795.56	800.08	0.99	1246	5.52	763.65	769.17	0.99	1276	6.05	731.53	737.58	0.99
1217	4.74	792.73	797.47	0.99	1247	5.69	760.72	766.41	0.99	1277	5.72	732.70	738.42	0.99
1218	4.82	790.77	795.59	0.99	1248	5.57	759.35	764.92	0.99	1278	5.39	734.53	739.93	0.99
1219	4.88	787.69	792.57	0.99	1249	5.59	758.03	763.63	0.99	1279	5.05	734.90	739.94	0.99
1220	4.78	790.15	794.93	0.99	1250	5.66	755.69	761.35	0.99	1280	4.65	734.94	739.59	0.99
1221	4.78	790.51	795.29	0.99	1251	5.54	755.98	761.52	0.99	1281	4.43	732.29	736.72	0.99
1222	4.98	785.69	790.66	0.99	1252	5.54	755.39	760.93	0.99	1282	4.31	730.45	734.76	0.99
1223	5.07	783.93	789.00	0.99	1253	5.51	753.34	758.85	0.99	1283	4.19	731.79	735.98	0.99
1224	5.03	785.64	790.67	0.99	1254	5.47	752.93	758.40	0.99	1284	4.07	733.31	737.38	0.99
1225	5.16	784.83	789.99	0.99	1255	5.60	750.23	755.83	0.99	1285	3.73	733.98	737.71	0.99
1226	5.29	782.80	788.09	0.99	1256	5.46	749.93	755.39	0.99	1286	3.68	733.87	737.55	0.99
1227	5.39	782.49	787.88	0.99	1257	5.36	749.78	755.14	0.99	1287	3.31	733.99	737.30	1.00
1228	5.33	779.79	785.12	0.99	1258	5.55	747.34	752.88	0.99	1288	3.28	732.53	735.82	1.00
1229	5.52	776.79	782.31	0.99	1259	5.58	746.45	752.03	0.99	1289	3.04	733.60	736.64	1.00
1230	5.39	778.72	784.11	0.99	1260	5.73	745.91	751.64	0.99	1290	2.95	733.77	736.72	1.00
1231	5.37	778.49	783.86	0.99	1261	5.71	745.48	751.19	0.99	1291	3.12	731.50	734.62	1.00
1232	5.62	774.86	780.49	0.99	1262	6.01	744.42	750.43	0.99	1292	3.40	731.17	734.58	1.00
1233	5.61	774.60	780.20	0.99	1263	6.05	746.13	752.18	0.99	1293	3.95	729.05	733.00	0.99
1234	5.66	775.26	780.92	0.99	1264	6.15	745.71	751.86	0.99	1294	4.32	726.98	731.30	0.99
1235	5.84	771.09	776.92	0.99	1265	6.36	742.50	748.86	0.99	1295	4.11	726.65	730.76	0.99
1236	5.82	768.90	774.72	0.99	1266	6.06	741.76	747.82	0.99	1296	4.25	725.32	729.57	0.99
1237	6.06	766.66	772.72	0.99	1267	6.09	739.98	746.07	0.99	1297	4.33	724.95	729.29	0.99
1238	5.86	765.06	770.92	0.99	1268	6.09	739.40	745.49	0.99	1298	4.70	723.35	728.05	0.99
1239	6.03	765.08	771.10	0.99	1269	6.07	739.65	745.72	0.99	1299	5.17	722.93	728.09	0.99

λ (nm)	$A_{\text{abs},\lambda}$ (m ² /kg)	$S_{\text{sca},\lambda}$ (m ² /kg)	$E_{\text{ext},\lambda}$ (m ² /kg)	albedo
1300	5.24	722.32	727.56	0.99
1301	5.68	717.50	723.18	0.99
1302	5.60	720.32	725.93	0.99
1303	5.79	721.10	726.89	0.99
1304	5.71	718.96	724.67	0.99
1305	5.56	719.92	725.48	0.99
1306	5.57	721.25	726.83	0.99
1307	5.39	721.67	727.06	0.99
1308	4.94	720.46	725.40	0.99
1309	4.69	718.60	723.28	0.99
1310	4.30	718.83	723.13	0.99