

Wavelength (nm)	PAN	BLUE	GREEN	RED	NIR
350	5.763E-07	2.041E-07	4.875E-08	1.512E-08	3.665E-08
351	4.987E-07	1.820E-07	5.628E-08	3.296E-09	1.106E-08
352	3.620E-07	2.298E-07	8.398E-08	1.222E-08	9.000E-11
353	3.961E-07	2.442E-07	1.340E-07	3.152E-08	2.271E-08
354	3.780E-07	2.660E-07	1.115E-07	2.537E-08	2.483E-08
355	3.285E-07	2.239E-07	1.372E-07	4.284E-08	1.483E-08
356	3.645E-07	2.141E-07	1.522E-07	3.764E-08	8.605E-08
357	3.052E-07	1.671E-07	8.973E-08	3.008E-08	6.903E-08
358	3.436E-07	1.670E-07	1.529E-07	5.742E-08	1.369E-08
359	2.813E-07	2.169E-07	1.073E-07	2.382E-08	8.100E-11
360	3.017E-07	1.915E-07	4.747E-08	6.547E-09	7.900E-11
361	3.071E-07	1.820E-07	7.254E-08	4.676E-08	1.050E-08
362	2.567E-07	1.860E-07	5.336E-08	1.497E-08	3.480E-09
363	2.572E-07	1.608E-07	1.145E-07	8.012E-09	4.852E-08
364	2.708E-07	1.622E-07	9.259E-08	2.563E-09	4.623E-08
365	2.499E-07	1.711E-07	1.393E-07	8.906E-09	6.937E-08
366	2.406E-07	1.590E-07	1.176E-07	2.830E-08	3.696E-08
367	2.769E-07	1.737E-07	1.267E-07	3.441E-08	4.125E-08
368	2.528E-07	1.564E-07	1.711E-07	5.530E-08	3.808E-08
369	2.713E-07	1.642E-07	1.415E-07	2.811E-08	5.036E-08
370	3.270E-07	1.616E-07	1.068E-07	1.394E-08	1.877E-08
371	4.073E-07	1.113E-07	7.349E-08	2.914E-09	1.241E-08
372	5.164E-07	1.617E-07	8.547E-08	2.188E-09	5.617E-08
373	6.137E-07	1.674E-07	6.938E-08	2.384E-08	3.669E-08
374	5.822E-07	1.746E-07	8.830E-08	4.011E-08	1.334E-08
375	5.223E-07	1.886E-07	1.043E-07	3.152E-08	4.617E-08
376	4.653E-07	1.701E-07	1.697E-07	9.412E-09	7.985E-08
377	4.137E-07	1.571E-07	2.888E-07	9.462E-09	2.474E-08
378	4.205E-07	1.539E-07	4.122E-07	2.179E-08	1.752E-09
379	4.419E-07	1.727E-07	3.659E-07	3.810E-08	2.379E-08
380	5.028E-07	1.889E-07	4.177E-07	2.575E-08	4.583E-08
381	4.549E-07	2.813E-07	3.655E-07	2.112E-08	7.997E-08
382	4.082E-07	5.018E-07	2.950E-07	1.624E-08	6.461E-08
383	4.032E-07	7.179E-07	3.196E-07	2.895E-09	5.081E-08
384	3.919E-07	1.094E-06	2.688E-07	1.429E-08	4.483E-08
385	4.073E-07	1.640E-06	1.902E-07	1.173E-08	4.514E-08
386	4.362E-07	2.709E-06	2.132E-07	5.508E-08	3.442E-08
387	4.382E-07	3.805E-06	1.740E-07	3.934E-08	1.412E-08
388	4.367E-07	3.553E-06	1.191E-07	4.348E-08	1.236E-08
389	4.127E-07	2.381E-06	1.468E-07	5.262E-08	3.607E-08
390	4.081E-07	1.701E-06	1.291E-07	5.433E-08	5.109E-08
391	4.450E-07	1.586E-06	1.356E-07	1.901E-07	4.873E-08
392	4.480E-07	1.325E-06	1.886E-07	4.255E-07	2.738E-08
393	4.719E-07	1.244E-06	1.655E-07	7.616E-05	3.261E-08
394	4.668E-07	1.393E-06	1.463E-07	4.573E-04	6.506E-08
395	4.213E-07	1.676E-06	1.058E-07	7.053E-04	1.435E-07

396	4.369E-07	2.547E-06	1.214E-07	4.187E-04	1.562E-07
397	4.346E-07	4.162E-06	1.435E-07	6.873E-05	2.942E-07
398	4.564E-07	5.046E-06	1.650E-07	2.863E-06	2.385E-07
399	5.391E-07	4.822E-06	1.621E-07	2.984E-06	5.791E-08
400	5.371E-07	3.714E-06	1.899E-07	9.154E-06	4.220E-09
401	6.008E-07	2.457E-06	1.612E-07	1.131E-05	7.746E-09
402	5.514E-07	1.957E-06	1.176E-07	5.694E-06	2.662E-09
403	5.719E-07	2.148E-06	1.277E-07	7.261E-07	1.925E-09
404	5.871E-07	2.273E-06	1.407E-07	8.689E-08	1.220E-07
405	6.339E-07	2.173E-06	1.196E-07	9.672E-08	3.919E-07
406	7.759E-07	2.270E-06	1.362E-07	1.265E-07	6.979E-07
407	8.652E-07	2.953E-06	1.568E-07	1.561E-07	4.272E-07
408	1.015E-06	3.738E-06	1.524E-07	8.241E-08	6.767E-08
409	9.758E-07	4.190E-06	1.614E-07	4.543E-08	2.682E-09
410	9.639E-07	4.605E-06	1.836E-07	3.659E-08	9.300E-11
411	9.636E-07	5.137E-06	1.377E-07	2.983E-08	2.724E-08
412	1.171E-06	5.965E-06	1.547E-07	2.603E-08	5.409E-08
413	1.523E-06	6.515E-06	1.123E-07	2.272E-08	8.163E-08
414	1.961E-06	6.963E-06	7.873E-08	4.431E-09	4.114E-08
415	2.289E-06	8.126E-06	1.186E-07	1.392E-08	8.894E-09
416	2.439E-06	1.101E-05	1.347E-07	3.149E-08	7.170E-10
417	2.521E-06	1.569E-05	1.032E-07	2.024E-08	2.287E-08
418	2.651E-06	2.000E-05	1.917E-07	2.444E-08	7.556E-09
419	3.198E-06	2.180E-05	1.758E-07	5.577E-08	6.600E-10
420	4.174E-06	2.245E-05	1.535E-07	6.194E-08	1.335E-07
421	5.807E-06	2.381E-05	1.402E-07	6.694E-08	4.757E-08
422	7.841E-06	2.739E-05	1.913E-07	4.701E-08	3.909E-08
423	9.230E-06	3.238E-05	1.934E-07	2.042E-08	2.807E-08
424	1.003E-05	3.836E-05	1.607E-07	1.454E-08	1.689E-08
425	1.056E-05	4.884E-05	1.393E-07	1.770E-08	1.203E-07
426	1.199E-05	6.749E-05	1.681E-07	2.867E-08	6.464E-08
427	1.530E-05	9.963E-05	1.585E-07	1.827E-08	1.178E-07
428	2.254E-05	1.546E-04	1.624E-07	8.908E-09	5.969E-08
429	3.454E-05	2.484E-04	1.736E-07	2.645E-08	4.891E-08
430	4.962E-05	4.051E-04	1.747E-07	2.052E-08	8.498E-08
431	6.355E-05	6.316E-04	1.926E-07	3.839E-08	6.492E-08
432	7.264E-05	9.175E-04	2.212E-07	8.995E-08	1.926E-06
433	7.993E-05	1.237E-03	2.110E-07	1.980E-07	5.688E-06
434	9.349E-05	1.567E-03	1.636E-07	2.758E-06	6.960E-06
435	1.245E-04	1.975E-03	1.686E-07	1.066E-05	3.462E-06
436	1.887E-04	2.556E-03	1.207E-07	2.567E-05	8.983E-07
437	3.089E-04	3.471E-03	1.512E-07	3.198E-05	5.841E-07
438	4.913E-04	5.124E-03	1.723E-07	1.875E-05	3.187E-07
439	7.087E-04	8.142E-03	2.105E-07	4.740E-06	2.103E-07
440	9.077E-04	2.220E-02	2.021E-07	6.286E-07	1.013E-07
441	1.104E-03	4.669E-02	2.731E-07	7.710E-07	3.905E-08
442	1.392E-03	9.620E-02	2.333E-07	1.673E-05	1.223E-07

443	1.957E-03	1.477E-01	2.731E-07	3.827E-05	2.112E-07
444	1.162E-02	2.541E-01	2.767E-07	3.285E-05	3.739E-07
445	2.719E-02	3.634E-01	2.327E-07	1.049E-05	9.809E-07
446	4.850E-02	4.846E-01	1.800E-07	5.606E-07	1.336E-06
447	6.029E-02	6.063E-01	2.104E-07	4.416E-07	1.834E-06
448	7.267E-02	7.152E-01	2.026E-07	4.894E-06	2.209E-06
449	9.375E-02	8.236E-01	2.299E-07	1.479E-05	1.626E-06
450	1.731E-01	8.476E-01	2.037E-07	1.773E-05	8.271E-07
451	2.525E-01	8.686E-01	3.173E-07	7.718E-06	3.815E-07
452	3.319E-01	8.467E-01	4.248E-07	4.897E-07	1.742E-07
453	4.112E-01	8.234E-01	4.155E-07	7.506E-08	1.785E-07
454	4.851E-01	8.325E-01	3.887E-07	1.114E-07	1.527E-07
455	5.326E-01	8.425E-01	3.360E-07	3.095E-07	2.007E-07
456	5.800E-01	8.548E-01	2.614E-07	3.560E-07	3.836E-07
457	6.274E-01	8.671E-01	2.455E-07	2.740E-07	3.164E-07
458	6.749E-01	8.824E-01	2.215E-07	4.148E-07	7.192E-07
459	7.152E-01	8.976E-01	2.303E-07	3.515E-06	2.223E-06
460	7.244E-01	9.006E-01	2.970E-07	6.390E-06	5.117E-06
461	7.336E-01	9.034E-01	3.012E-07	4.423E-06	6.967E-06
462	7.428E-01	9.059E-01	4.279E-07	1.319E-06	5.710E-06
463	7.520E-01	9.085E-01	5.486E-07	3.048E-07	2.776E-06
464	7.576E-01	9.069E-01	6.123E-07	3.256E-07	1.323E-06
465	7.484E-01	9.052E-01	6.596E-07	6.955E-07	7.154E-07
466	7.392E-01	9.024E-01	6.253E-07	4.499E-06	5.510E-07
467	7.300E-01	8.997E-01	5.330E-07	1.842E-05	4.366E-07
468	7.208E-01	9.094E-01	5.044E-07	2.557E-05	6.495E-07
469	7.167E-01	9.190E-01	4.728E-07	1.203E-05	1.260E-06
470	7.309E-01	9.214E-01	4.719E-07	8.280E-07	4.618E-06
471	7.452E-01	9.238E-01	4.870E-07	2.332E-07	1.377E-05
472	7.595E-01	9.264E-01	5.671E-07	4.469E-07	2.261E-05
473	7.737E-01	9.291E-01	6.254E-07	6.767E-06	1.448E-05
474	7.843E-01	9.327E-01	7.106E-07	5.723E-05	5.835E-06
475	7.826E-01	9.363E-01	1.014E-06	1.027E-04	2.927E-06
476	7.809E-01	9.389E-01	1.382E-06	6.050E-05	3.298E-06
477	7.792E-01	9.415E-01	1.903E-06	8.281E-06	7.885E-06
478	7.775E-01	9.456E-01	2.642E-06	8.214E-08	2.363E-05
479	7.772E-01	9.494E-01	3.387E-06	4.439E-08	3.289E-05
480	7.813E-01	9.449E-01	4.052E-06	1.578E-08	1.972E-05
481	7.854E-01	9.406E-01	4.500E-06	3.170E-08	4.252E-06
482	7.895E-01	9.382E-01	4.777E-06	6.194E-08	8.540E-07
483	7.935E-01	9.361E-01	5.161E-06	5.188E-08	4.738E-07
484	7.961E-01	9.400E-01	5.560E-06	8.098E-08	3.834E-07
485	7.945E-01	9.437E-01	6.303E-06	4.585E-08	1.122E-06
486	7.928E-01	9.457E-01	7.350E-06	1.510E-08	3.275E-06
487	7.912E-01	9.478E-01	9.154E-06	2.402E-08	4.051E-06
488	7.895E-01	9.511E-01	1.215E-05	4.196E-08	1.929E-06
489	7.885E-01	9.541E-01	1.701E-05	2.387E-08	5.439E-08

490	7.893E-01	9.543E-01	2.497E-05	3.457E-08	5.064E-09
491	7.900E-01	9.545E-01	3.846E-05	5.210E-08	1.060E-10
492	7.908E-01	9.547E-01	6.204E-05	3.689E-08	1.400E-09
493	7.916E-01	9.554E-01	1.011E-04	3.233E-08	2.081E-08
494	7.925E-01	9.629E-01	1.662E-04	3.185E-08	4.456E-08
495	7.939E-01	9.703E-01	2.668E-04	4.175E-08	3.442E-08
496	7.952E-01	9.767E-01	4.175E-04	6.276E-08	1.043E-07
497	7.966E-01	9.831E-01	6.382E-04	5.597E-08	2.828E-08
498	7.980E-01	9.879E-01	9.534E-04	4.524E-08	1.882E-08
499	7.995E-01	9.926E-01	1.441E-03	3.764E-08	3.073E-08
500	8.014E-01	9.969E-01	2.244E-03	4.171E-08	1.400E-07
501	8.033E-01	1.000E+00	3.670E-03	2.564E-08	3.487E-08
502	8.052E-01	9.922E-01	8.529E-03	2.424E-08	4.234E-08
503	8.071E-01	9.816E-01	2.287E-02	2.185E-08	5.019E-08
504	8.079E-01	9.440E-01	5.949E-02	2.760E-08	2.774E-08
505	8.061E-01	9.002E-01	1.072E-01	5.895E-08	1.234E-07
506	8.044E-01	7.987E-01	2.738E-01	4.311E-08	1.923E-07
507	8.027E-01	6.930E-01	4.417E-01	4.732E-08	9.588E-08
508	8.010E-01	5.512E-01	6.207E-01	3.575E-08	1.450E-07
509	7.992E-01	4.133E-01	7.830E-01	4.184E-08	1.158E-07
510	7.975E-01	3.072E-01	8.084E-01	4.535E-08	2.463E-08
511	7.957E-01	2.068E-01	8.315E-01	5.214E-08	6.188E-08
512	7.940E-01	1.509E-01	8.374E-01	1.830E-07	1.137E-08
513	7.923E-01	9.859E-02	8.426E-01	1.010E-06	3.007E-08
514	7.926E-01	7.258E-02	8.435E-01	1.581E-06	2.810E-08
515	7.970E-01	4.833E-02	8.441E-01	1.019E-06	6.742E-08
516	8.013E-01	3.288E-02	8.439E-01	2.984E-07	9.494E-08
517	8.056E-01	2.012E-02	8.440E-01	7.033E-08	6.226E-08
518	8.100E-01	1.464E-02	8.467E-01	3.697E-08	3.379E-08
519	8.135E-01	1.069E-02	8.492E-01	4.792E-08	6.146E-08
520	8.158E-01	7.960E-03	8.500E-01	2.443E-07	3.089E-08
521	8.180E-01	5.932E-03	8.508E-01	6.264E-07	3.316E-08
522	8.202E-01	4.522E-03	8.519E-01	7.716E-07	4.541E-08
523	8.225E-01	3.420E-03	8.540E-01	3.948E-07	1.800E-08
524	8.255E-01	2.695E-03	8.616E-01	1.245E-07	4.621E-08
525	8.300E-01	2.115E-03	8.701E-01	5.879E-08	6.455E-08
526	8.345E-01	1.657E-03	8.832E-01	7.452E-08	5.291E-08
527	8.389E-01	1.306E-03	8.958E-01	1.233E-07	1.277E-07
528	8.434E-01	1.030E-03	9.050E-01	2.314E-07	1.421E-07
529	8.469E-01	8.183E-04	9.126E-01	4.709E-07	1.028E-07
530	8.487E-01	6.575E-04	9.118E-01	8.374E-07	2.259E-08
531	8.505E-01	5.301E-04	9.101E-01	8.244E-07	5.754E-08
532	8.523E-01	4.251E-04	9.046E-01	5.364E-07	1.210E-07
533	8.541E-01	3.307E-04	8.999E-01	2.513E-07	2.770E-08
534	8.547E-01	2.723E-04	8.991E-01	1.484E-07	1.128E-07
535	8.535E-01	2.284E-04	8.994E-01	1.690E-07	1.260E-10
536	8.522E-01	1.873E-04	9.049E-01	2.405E-07	6.084E-09

537	8.510E-01	1.540E-04	9.102E-01	5.062E-07	5.419E-08
538	8.498E-01	1.258E-04	9.147E-01	8.476E-07	1.589E-07
539	8.488E-01	1.038E-04	9.177E-01	8.892E-07	2.586E-07
540	8.483E-01	8.633E-05	9.141E-01	5.270E-07	4.580E-07
541	8.477E-01	7.216E-05	9.096E-01	2.345E-07	4.386E-07
542	8.472E-01	6.198E-05	9.015E-01	1.524E-07	1.288E-07
543	8.466E-01	5.331E-05	8.942E-01	1.412E-07	7.469E-08
544	8.462E-01	4.668E-05	8.906E-01	1.906E-07	4.213E-08
545	8.460E-01	4.121E-05	8.885E-01	4.092E-07	2.015E-08
546	8.458E-01	3.735E-05	8.922E-01	7.653E-07	3.424E-08
547	8.457E-01	3.427E-05	8.965E-01	1.052E-06	2.781E-08
548	8.455E-01	3.172E-05	9.029E-01	1.025E-06	5.227E-08
549	8.465E-01	2.984E-05	9.090E-01	6.975E-07	1.344E-07
550	8.492E-01	2.822E-05	9.139E-01	4.687E-07	2.446E-07
551	8.518E-01	2.705E-05	9.186E-01	4.878E-07	3.937E-07
552	8.544E-01	2.613E-05	9.226E-01	6.740E-07	4.809E-07
553	8.570E-01	2.528E-05	9.270E-01	1.104E-06	5.272E-07
554	8.613E-01	2.458E-05	9.329E-01	2.053E-06	3.538E-07
555	8.675E-01	2.403E-05	9.391E-01	3.055E-06	2.759E-07
556	8.737E-01	2.307E-05	9.463E-01	3.058E-06	2.741E-07
557	8.799E-01	2.210E-05	9.531E-01	1.740E-06	2.875E-07
558	8.861E-01	2.109E-05	9.587E-01	9.353E-07	2.664E-07
559	8.911E-01	2.006E-05	9.639E-01	8.621E-07	2.251E-07
560	8.947E-01	1.906E-05	9.678E-01	1.046E-06	1.684E-07
561	8.983E-01	1.806E-05	9.718E-01	1.454E-06	9.696E-08
562	9.020E-01	1.703E-05	9.758E-01	2.096E-06	5.885E-08
563	9.056E-01	1.596E-05	9.803E-01	2.589E-06	3.355E-08
564	9.080E-01	1.463E-05	9.860E-01	2.725E-06	9.430E-08
565	9.091E-01	1.354E-05	9.915E-01	2.011E-06	1.279E-07
566	9.101E-01	1.221E-05	9.961E-01	1.266E-06	2.167E-07
567	9.112E-01	1.110E-05	9.997E-01	1.109E-06	2.221E-07
568	9.123E-01	9.968E-06	1.000E+00	1.428E-06	2.429E-07
569	9.127E-01	9.031E-06	9.997E-01	1.587E-06	4.491E-07
570	9.126E-01	8.251E-06	9.977E-01	1.092E-06	6.577E-07
571	9.124E-01	7.551E-06	9.963E-01	5.279E-07	6.147E-07
572	9.122E-01	6.825E-06	9.965E-01	2.588E-07	6.668E-07
573	9.120E-01	6.219E-06	9.949E-01	1.459E-07	5.553E-07
574	9.119E-01	5.620E-06	9.885E-01	8.739E-08	4.554E-07
575	9.118E-01	5.115E-06	9.696E-01	6.557E-08	4.351E-07
576	9.118E-01	4.702E-06	9.168E-01	3.062E-08	3.832E-07
577	9.117E-01	4.304E-06	8.435E-01	2.829E-08	3.603E-07
578	9.116E-01	4.105E-06	7.159E-01	1.682E-08	3.286E-07
579	9.118E-01	3.910E-06	5.849E-01	2.344E-08	4.602E-07
580	9.121E-01	3.729E-06	4.453E-01	3.409E-08	4.486E-07
581	9.124E-01	3.628E-06	3.188E-01	2.079E-08	3.847E-07
582	9.127E-01	3.468E-06	2.257E-01	3.387E-08	4.537E-07
583	9.130E-01	3.338E-06	1.462E-01	4.472E-08	4.094E-07

584	9.149E-01	3.229E-06	1.002E-01	2.231E-08	4.136E-07
585	9.181E-01	3.082E-06	6.212E-02	2.619E-08	5.789E-07
586	9.214E-01	2.985E-06	4.116E-02	2.997E-08	6.199E-07
587	9.246E-01	2.927E-06	2.628E-02	1.091E-08	7.042E-07
588	9.278E-01	2.962E-06	1.590E-02	1.392E-08	8.292E-07
589	9.307E-01	3.111E-06	1.083E-02	2.120E-08	8.428E-07
590	9.332E-01	3.245E-06	6.266E-03	3.990E-08	9.509E-07
591	9.358E-01	3.406E-06	4.583E-03	3.959E-08	1.246E-06
592	9.384E-01	3.660E-06	3.431E-03	2.668E-08	1.798E-06
593	9.409E-01	3.983E-06	2.597E-03	3.221E-08	1.706E-06
594	9.416E-01	4.283E-06	2.004E-03	4.450E-08	1.152E-06
595	9.410E-01	4.557E-06	1.569E-03	3.661E-08	5.925E-07
596	9.404E-01	4.791E-06	1.246E-03	5.448E-08	2.528E-07
597	9.398E-01	4.619E-06	9.713E-04	5.531E-08	8.496E-08
598	9.391E-01	4.417E-06	7.564E-04	1.530E-08	1.311E-07
599	9.406E-01	4.249E-06	5.885E-04	2.168E-08	1.256E-07
600	9.436E-01	3.732E-06	4.572E-04	3.663E-08	1.131E-07
601	9.465E-01	3.127E-06	3.567E-04	7.102E-08	1.981E-07
602	9.494E-01	2.601E-06	2.783E-04	6.087E-08	2.274E-07
603	9.524E-01	2.137E-06	2.174E-04	4.420E-08	1.787E-07
604	9.555E-01	1.725E-06	1.708E-04	5.569E-08	1.738E-07
605	9.588E-01	1.363E-06	1.353E-04	4.285E-08	1.559E-07
606	9.620E-01	1.052E-06	1.079E-04	2.902E-08	1.029E-07
607	9.652E-01	8.512E-07	8.731E-05	4.491E-08	6.781E-08
608	9.685E-01	6.743E-07	7.138E-05	6.409E-08	4.041E-08
609	9.688E-01	5.342E-07	5.908E-05	7.138E-08	4.705E-09
610	9.672E-01	4.439E-07	4.988E-05	8.287E-08	1.350E-10
611	9.657E-01	3.825E-07	4.220E-05	8.998E-08	1.615E-08
612	9.642E-01	3.529E-07	3.640E-05	8.211E-08	2.880E-08
613	9.627E-01	3.371E-07	3.192E-05	8.815E-08	6.249E-08
614	9.605E-01	3.214E-07	2.822E-05	9.407E-08	1.339E-07
615	9.580E-01	3.055E-07	2.551E-05	1.250E-07	7.428E-08
616	9.555E-01	2.954E-07	2.324E-05	1.290E-07	9.257E-08
617	9.530E-01	2.790E-07	2.127E-05	1.384E-07	7.493E-08
618	9.505E-01	2.631E-07	1.983E-05	1.726E-07	3.836E-08
619	9.515E-01	2.311E-07	1.837E-05	1.659E-07	3.600E-08
620	9.542E-01	2.102E-07	1.715E-05	1.772E-07	2.618E-08
621	9.570E-01	2.007E-07	1.597E-05	2.048E-07	3.909E-08
622	9.598E-01	1.825E-07	1.473E-05	2.226E-07	2.227E-08
623	9.626E-01	1.780E-07	1.376E-05	2.102E-07	3.495E-08
624	9.671E-01	1.717E-07	1.257E-05	2.549E-07	8.576E-08
625	9.726E-01	1.565E-07	1.131E-05	3.233E-07	1.176E-07
626	9.780E-01	1.523E-07	1.018E-05	3.880E-07	1.088E-07
627	9.835E-01	1.506E-07	9.007E-06	4.417E-07	1.236E-07
628	9.889E-01	1.471E-07	7.912E-06	5.139E-07	9.684E-08
629	9.906E-01	1.606E-07	6.999E-06	6.413E-07	1.467E-07
630	9.905E-01	1.620E-07	6.105E-06	8.025E-07	2.549E-07

631	9.904E-01	1.544E-07	5.347E-06	9.951E-07	2.888E-07
632	9.904E-01	1.492E-07	4.665E-06	1.318E-06	3.587E-07
633	9.903E-01	1.393E-07	4.149E-06	1.755E-06	5.075E-07
634	9.885E-01	1.239E-07	3.704E-06	2.348E-06	5.214E-07
635	9.860E-01	1.104E-07	3.268E-06	3.224E-06	4.436E-07
636	9.836E-01	1.025E-07	2.929E-06	4.577E-06	4.269E-07
637	9.811E-01	9.745E-08	2.661E-06	6.624E-06	4.420E-07
638	9.786E-01	9.475E-08	2.393E-06	9.688E-06	3.747E-07
639	9.795E-01	9.326E-08	2.188E-06	1.462E-05	3.680E-07
640	9.818E-01	8.483E-08	2.026E-06	2.271E-05	2.915E-07
641	9.841E-01	7.842E-08	1.914E-06	3.589E-05	2.236E-07
642	9.864E-01	8.676E-08	1.837E-06	5.800E-05	2.604E-07
643	9.887E-01	1.051E-07	1.749E-06	9.683E-05	2.878E-07
644	9.909E-01	1.075E-07	1.692E-06	1.665E-04	2.559E-07
645	9.932E-01	1.096E-07	1.630E-06	2.953E-04	2.869E-07
646	9.955E-01	1.371E-07	1.572E-06	5.443E-04	3.073E-07
647	9.977E-01	1.474E-07	1.554E-06	1.049E-03	2.993E-07
648	1.000E+00	1.437E-07	1.573E-06	2.112E-03	3.735E-07
649	9.986E-01	1.637E-07	1.546E-06	4.508E-03	4.337E-07
650	9.960E-01	1.873E-07	1.516E-06	1.439E-02	3.522E-07
651	9.933E-01	2.066E-07	1.560E-06	4.222E-02	2.779E-07
652	9.907E-01	2.357E-07	1.527E-06	8.759E-02	2.957E-07
653	9.880E-01	2.726E-07	1.456E-06	1.946E-01	2.550E-07
654	9.854E-01	3.225E-07	1.433E-06	3.758E-01	1.782E-07
655	9.828E-01	4.029E-07	1.397E-06	5.630E-01	2.179E-07
656	9.802E-01	5.162E-07	1.336E-06	7.573E-01	2.290E-07
657	9.776E-01	6.483E-07	1.270E-06	8.786E-01	1.248E-07
658	9.750E-01	8.405E-07	1.187E-06	9.162E-01	1.286E-07
659	9.757E-01	1.084E-06	1.109E-06	9.345E-01	1.427E-07
660	9.775E-01	1.355E-06	1.034E-06	9.313E-01	1.238E-07
661	9.792E-01	1.674E-06	9.302E-07	9.289E-01	1.472E-07
662	9.809E-01	2.034E-06	8.244E-07	9.276E-01	1.697E-07
663	9.827E-01	2.409E-06	7.764E-07	9.276E-01	1.956E-07
664	9.846E-01	2.845E-06	7.222E-07	9.290E-01	2.079E-07
665	9.867E-01	3.355E-06	6.195E-07	9.345E-01	2.203E-07
666	9.887E-01	3.962E-06	5.479E-07	9.442E-01	2.205E-07
667	9.907E-01	4.701E-06	5.036E-07	9.575E-01	2.201E-07
668	9.928E-01	5.601E-06	4.557E-07	9.745E-01	2.718E-07
669	9.922E-01	6.708E-06	4.524E-07	9.874E-01	2.570E-07
670	9.909E-01	7.972E-06	4.645E-07	9.962E-01	1.704E-07
671	9.896E-01	9.288E-06	4.834E-07	9.998E-01	1.625E-07
672	9.883E-01	1.060E-05	4.882E-07	9.982E-01	1.522E-07
673	9.870E-01	1.183E-05	4.343E-07	9.976E-01	1.707E-07
674	9.837E-01	1.287E-05	4.038E-07	9.980E-01	2.872E-07
675	9.799E-01	1.368E-05	4.098E-07	9.988E-01	2.379E-07
676	9.761E-01	1.437E-05	4.101E-07	1.000E+00	1.502E-07
677	9.723E-01	1.491E-05	4.270E-07	9.984E-01	2.291E-07

678	9.685E-01	1.513E-05	4.309E-07	9.943E-01	1.762E-07
679	9.605E-01	1.534E-05	4.391E-07	9.893E-01	1.262E-07
680	9.515E-01	1.563E-05	4.510E-07	9.834E-01	2.351E-07
681	9.426E-01	1.601E-05	4.965E-07	9.759E-01	2.700E-07
682	9.336E-01	1.679E-05	4.910E-07	9.669E-01	2.557E-07
683	9.247E-01	1.806E-05	4.843E-07	9.546E-01	2.785E-07
684	9.261E-01	1.985E-05	5.538E-07	9.392E-01	3.211E-07
685	9.295E-01	2.210E-05	5.767E-07	9.340E-01	2.443E-07
686	9.330E-01	2.474E-05	5.628E-07	9.376E-01	2.106E-07
687	9.364E-01	2.774E-05	5.625E-07	9.192E-01	2.595E-07
688	9.399E-01	3.038E-05	5.725E-07	8.819E-01	1.930E-07
689	9.426E-01	3.194E-05	6.168E-07	7.289E-01	1.873E-07
690	9.451E-01	3.209E-05	6.575E-07	4.784E-01	2.075E-07
691	9.477E-01	3.089E-05	6.931E-07	2.850E-01	9.612E-08
692	9.503E-01	2.854E-05	7.014E-07	1.386E-01	1.652E-07
693	9.528E-01	2.592E-05	7.447E-07	5.772E-02	1.710E-07
694	9.520E-01	2.350E-05	8.178E-07	2.831E-02	1.146E-07
695	9.506E-01	2.166E-05	8.561E-07	1.234E-02	1.581E-07
696	9.492E-01	2.057E-05	9.215E-07	5.959E-03	2.201E-07
697	9.478E-01	2.009E-05	9.215E-07	3.153E-03	3.574E-07
698	9.464E-01	2.032E-05	9.652E-07	1.775E-03	4.576E-07
699	9.480E-01	2.135E-05	1.054E-06	1.026E-03	5.188E-07
700	9.500E-01	2.309E-05	1.046E-06	6.180E-04	6.665E-07
701	9.519E-01	2.599E-05	1.096E-06	3.820E-04	7.277E-07
702	9.539E-01	3.031E-05	1.148E-06	2.440E-04	7.806E-07
703	9.558E-01	3.633E-05	1.163E-06	1.607E-04	8.869E-07
704	9.576E-01	4.499E-05	1.180E-06	1.082E-04	8.032E-07
705	9.593E-01	5.776E-05	1.115E-06	7.441E-05	7.777E-07
706	9.610E-01	7.685E-05	1.098E-06	5.210E-05	8.426E-07
707	9.627E-01	1.070E-04	1.005E-06	3.719E-05	7.668E-07
708	9.644E-01	1.550E-04	8.834E-07	2.711E-05	7.073E-07
709	9.637E-01	2.319E-04	6.839E-07	2.006E-05	7.875E-07
710	9.628E-01	3.364E-04	4.978E-07	1.502E-05	8.463E-07
711	9.619E-01	4.209E-04	3.492E-07	1.149E-05	8.519E-07
712	9.610E-01	4.193E-04	2.284E-07	8.914E-06	9.938E-07
713	9.601E-01	3.244E-04	2.008E-07	6.982E-06	1.103E-06
714	9.560E-01	2.059E-04	1.443E-07	5.522E-06	1.234E-06
715	9.516E-01	1.200E-04	9.456E-08	4.428E-06	1.408E-06
716	9.472E-01	7.135E-05	6.549E-08	3.570E-06	1.671E-06
717	9.428E-01	4.524E-05	7.304E-08	2.905E-06	2.133E-06
718	9.384E-01	3.069E-05	8.104E-08	2.461E-06	2.322E-06
719	9.360E-01	2.231E-05	8.352E-08	2.165E-06	2.832E-06
720	9.338E-01	1.693E-05	8.268E-08	1.844E-06	3.457E-06
721	9.315E-01	1.338E-05	6.627E-08	1.527E-06	4.140E-06
722	9.293E-01	1.108E-05	3.291E-08	1.286E-06	5.030E-06
723	9.270E-01	9.603E-06	3.721E-08	1.081E-06	5.823E-06
724	9.254E-01	8.489E-06	4.163E-08	9.257E-07	6.320E-06

725	9.237E-01	7.657E-06	3.990E-08	8.721E-07	6.802E-06
726	9.221E-01	7.123E-06	9.461E-08	7.727E-07	7.152E-06
727	9.205E-01	6.727E-06	1.425E-07	7.316E-07	7.527E-06
728	9.189E-01	6.601E-06	8.148E-08	7.068E-07	7.964E-06
729	9.182E-01	6.589E-06	3.911E-08	6.091E-07	8.377E-06
730	9.175E-01	6.760E-06	7.193E-08	5.522E-07	8.939E-06
731	9.168E-01	7.111E-06	5.097E-08	4.926E-07	9.897E-06
732	9.161E-01	7.554E-06	3.010E-08	4.704E-07	1.069E-05
733	9.154E-01	8.086E-06	1.098E-08	4.532E-07	1.177E-05
734	9.136E-01	8.723E-06	1.082E-08	3.847E-07	1.349E-05
735	9.118E-01	9.225E-06	3.776E-08	3.967E-07	1.549E-05
736	9.101E-01	9.980E-06	4.141E-08	3.459E-07	1.820E-05
737	9.083E-01	1.095E-05	6.255E-08	3.145E-07	2.165E-05
738	9.065E-01	1.186E-05	5.208E-08	3.370E-07	2.656E-05
739	9.028E-01	1.284E-05	4.108E-08	3.444E-07	3.213E-05
740	8.992E-01	1.418E-05	3.582E-08	2.990E-07	3.865E-05
741	8.956E-01	1.553E-05	3.601E-08	3.156E-07	4.751E-05
742	8.919E-01	1.701E-05	2.543E-08	3.185E-07	5.848E-05
743	8.883E-01	1.893E-05	6.421E-09	3.032E-07	7.047E-05
744	8.851E-01	2.127E-05	3.360E-08	3.070E-07	8.313E-05
745	8.820E-01	2.458E-05	3.647E-08	2.695E-07	9.892E-05
746	8.788E-01	2.888E-05	1.638E-07	3.206E-07	1.148E-04
747	8.756E-01	3.470E-05	1.110E-07	2.954E-07	1.332E-04
748	8.725E-01	4.337E-05	8.864E-08	2.570E-07	1.534E-04
749	8.720E-01	5.484E-05	1.647E-07	3.521E-07	1.776E-04
750	8.715E-01	7.130E-05	2.429E-07	2.619E-07	2.049E-04
751	8.710E-01	9.540E-05	5.116E-07	2.611E-07	2.397E-04
752	8.705E-01	1.292E-04	7.255E-07	2.970E-07	2.837E-04
753	8.700E-01	1.752E-04	7.710E-07	2.687E-07	3.385E-04
754	8.689E-01	2.290E-04	1.096E-06	2.743E-07	4.107E-04
755	8.677E-01	2.836E-04	9.725E-07	2.814E-07	5.073E-04
756	8.666E-01	3.250E-04	8.581E-07	2.955E-07	6.273E-04
757	8.655E-01	3.472E-04	6.117E-07	3.053E-07	7.881E-04
758	8.643E-01	3.457E-04	5.233E-07	3.499E-07	1.007E-03
759	8.627E-01	3.275E-04	6.706E-07	3.297E-07	1.286E-03
760	8.611E-01	2.985E-04	5.799E-07	2.588E-07	1.660E-03
761	8.594E-01	2.664E-04	5.553E-07	2.781E-07	2.154E-03
762	8.578E-01	2.319E-04	6.072E-07	3.785E-07	2.811E-03
763	8.562E-01	1.986E-04	3.645E-07	3.242E-07	3.666E-03
764	8.548E-01	1.681E-04	5.203E-07	3.111E-07	4.773E-03
765	8.534E-01	1.397E-04	4.957E-07	3.706E-07	6.256E-03
766	8.521E-01	1.145E-04	4.896E-07	2.949E-07	8.231E-03
767	8.507E-01	9.366E-05	5.599E-07	3.171E-07	1.084E-02
768	8.493E-01	7.618E-05	3.452E-07	2.684E-07	1.441E-02
769	8.484E-01	6.153E-05	3.870E-07	3.497E-07	1.935E-02
770	8.475E-01	4.912E-05	4.673E-07	4.288E-07	3.001E-02
771	8.466E-01	3.869E-05	4.196E-07	4.774E-07	4.602E-02

772	8.457E-01	3.068E-05	4.178E-07	5.176E-07	6.018E-02
773	8.447E-01	2.394E-05	4.228E-07	4.514E-07	8.570E-02
774	8.440E-01	1.889E-05	5.726E-07	5.781E-07	1.152E-01
775	8.432E-01	1.480E-05	9.153E-07	5.280E-07	1.690E-01
776	8.424E-01	1.196E-05	1.066E-06	5.116E-07	2.309E-01
777	8.416E-01	9.615E-06	1.610E-06	3.847E-07	3.301E-01
778	8.407E-01	7.775E-06	2.093E-06	4.144E-07	4.414E-01
779	8.392E-01	6.134E-06	2.926E-06	4.309E-07	5.732E-01
780	8.376E-01	5.171E-06	2.748E-06	3.850E-07	7.114E-01
781	8.361E-01	4.379E-06	1.943E-06	4.334E-07	8.206E-01
782	8.346E-01	3.737E-06	1.385E-06	5.640E-07	9.207E-01
783	8.328E-01	3.272E-06	6.302E-07	6.170E-07	9.683E-01
784	8.293E-01	2.686E-06	5.100E-07	9.029E-07	1.000E+00
785	8.257E-01	2.482E-06	6.082E-07	8.791E-07	9.987E-01
786	8.221E-01	2.221E-06	4.652E-07	1.104E-06	9.878E-01
787	8.186E-01	2.332E-06	2.737E-07	1.282E-06	9.674E-01
788	8.143E-01	2.172E-06	2.775E-07	1.202E-06	9.443E-01
789	8.058E-01	2.039E-06	4.258E-07	9.826E-07	9.230E-01
790	7.973E-01	2.089E-06	2.594E-07	9.175E-07	9.022E-01
791	7.889E-01	2.072E-06	2.643E-07	7.809E-07	8.852E-01
792	7.804E-01	2.201E-06	3.328E-07	7.632E-07	8.691E-01
793	7.599E-01	2.222E-06	3.618E-07	7.990E-07	8.566E-01
794	6.748E-01	2.480E-06	3.618E-07	1.027E-06	8.450E-01
795	5.896E-01	2.541E-06	3.771E-07	1.166E-06	8.348E-01
796	5.045E-01	2.840E-06	2.281E-07	1.228E-06	8.249E-01
797	4.193E-01	3.260E-06	2.991E-07	1.593E-06	8.141E-01
798	3.392E-01	4.009E-06	4.391E-07	1.785E-06	8.031E-01
799	2.835E-01	4.986E-06	3.215E-07	2.685E-06	8.051E-01
800	2.279E-01	6.418E-06	2.622E-07	3.861E-06	8.103E-01
801	1.723E-01	8.413E-06	1.130E-07	5.295E-06	8.145E-01
802	1.166E-01	1.184E-05	6.954E-08	8.641E-06	8.186E-01
803	6.966E-02	1.800E-05	2.804E-07	1.340E-05	8.222E-01
804	6.086E-02	2.764E-05	4.605E-07	2.477E-05	8.257E-01
805	4.704E-02	4.434E-05	3.562E-07	3.387E-05	8.296E-01
806	3.439E-02	8.816E-05	1.117E-06	4.392E-05	8.334E-01
807	1.513E-02	2.123E-04	2.108E-06	4.554E-05	8.375E-01
808	8.530E-03	3.778E-04	2.061E-06	4.311E-05	8.416E-01
809	4.607E-03	4.081E-04	1.575E-06	4.271E-05	8.458E-01
810	3.449E-03	2.662E-04	1.467E-06	3.855E-05	8.501E-01
811	2.627E-03	1.287E-04	6.570E-07	3.414E-05	8.541E-01
812	2.022E-03	5.525E-05	7.444E-07	3.407E-05	8.582E-01
813	1.562E-03	2.675E-05	2.874E-07	3.230E-05	8.626E-01
814	1.218E-03	1.488E-05	2.276E-07	3.575E-05	8.670E-01
815	9.647E-04	9.179E-06	2.906E-07	4.251E-05	8.718E-01
816	7.660E-04	6.250E-06	3.197E-07	4.988E-05	8.766E-01
817	6.124E-04	4.584E-06	1.291E-07	6.865E-05	8.822E-01
818	4.935E-04	3.619E-06	3.615E-07	7.941E-05	8.879E-01

819	3.989E-04	2.672E-06	1.819E-07	7.437E-05	8.865E-01
820	3.255E-04	2.091E-06	1.433E-07	5.062E-05	8.839E-01
821	2.654E-04	1.751E-06	1.965E-08	2.725E-05	8.818E-01
822	2.197E-04	1.513E-06	1.623E-07	1.545E-05	8.799E-01
823	1.813E-04	1.362E-06	1.487E-07	8.178E-06	8.781E-01
824	1.528E-04	1.027E-06	8.687E-08	5.711E-06	8.763E-01
825	1.280E-04	9.656E-07	2.512E-07	4.494E-06	8.744E-01
826	1.074E-04	1.067E-06	5.019E-07	3.124E-06	8.724E-01
827	9.051E-05	7.752E-07	4.514E-07	2.719E-06	8.700E-01
828	7.670E-05	1.014E-06	3.087E-07	1.877E-06	8.674E-01
829	6.493E-05	7.846E-07	1.689E-07	2.048E-06	8.646E-01
830	5.547E-05	6.771E-07	1.588E-07	1.874E-06	8.617E-01
831	4.806E-05	1.043E-06	4.495E-07	1.500E-06	8.589E-01
832	4.090E-05	7.700E-07	3.555E-07	1.540E-06	8.561E-01
833	3.543E-05	1.077E-06	3.688E-07	1.750E-06	8.534E-01
834	3.103E-05	1.024E-06	5.664E-07	2.645E-06	8.507E-01
835	2.731E-05	1.246E-06	1.296E-06	3.462E-06	8.485E-01
836	2.324E-05	1.323E-06	4.244E-06	4.760E-06	8.463E-01
837	2.089E-05	1.427E-06	7.241E-06	6.142E-06	8.451E-01
838	1.833E-05	1.690E-06	5.497E-06	6.792E-06	8.440E-01
839	1.553E-05	1.746E-06	2.681E-06	5.792E-06	8.418E-01
840	1.410E-05	2.180E-06	1.035E-06	4.118E-06	8.395E-01
841	1.286E-05	2.592E-06	2.525E-07	3.641E-06	8.364E-01
842	1.097E-05	2.680E-06	1.977E-07	2.352E-06	8.332E-01
843	9.728E-06	2.969E-06	8.567E-08	2.284E-06	8.288E-01
844	8.805E-06	2.974E-06	1.710E-07	2.350E-06	8.243E-01
845	7.881E-06	3.236E-06	3.305E-07	1.825E-06	8.181E-01
846	6.667E-06	3.600E-06	2.107E-07	2.062E-06	8.118E-01
847	6.438E-06	3.064E-06	1.483E-07	2.279E-06	8.046E-01
848	5.352E-06	2.751E-06	1.139E-05	3.478E-06	7.974E-01
849	4.781E-06	2.652E-06	5.679E-06	1.973E-06	7.898E-01
850	4.321E-06	2.518E-06	8.616E-06	6.579E-06	7.822E-01
851	3.870E-06	2.542E-06	1.256E-05	1.239E-05	7.751E-01
852	3.466E-06	2.428E-06	1.814E-05	8.401E-06	7.681E-01
853	3.139E-06	2.609E-06	1.186E-05	4.451E-06	7.621E-01
854	2.845E-06	2.772E-06	1.315E-05	3.696E-06	7.561E-01
855	2.577E-06	3.213E-06	1.970E-06	4.037E-06	7.505E-01
856	2.343E-06	3.959E-06	5.537E-06	5.436E-07	7.449E-01
857	2.067E-06	5.412E-06	1.041E-05	3.850E-06	7.397E-01
858	1.922E-06	8.246E-06	1.058E-05	8.437E-07	7.345E-01
859	1.760E-06	1.253E-05	5.156E-06	3.458E-06	7.287E-01
860	1.605E-06	1.763E-05	6.080E-06	3.709E-06	7.229E-01
861	1.470E-06	2.339E-05	1.085E-05	7.335E-06	7.164E-01
862	1.321E-06	2.920E-05	6.868E-06	5.466E-06	7.099E-01
863	1.258E-06	3.483E-05	8.010E-06	5.805E-06	7.028E-01
864	1.174E-06	3.750E-05	3.880E-06	7.097E-06	6.956E-01
865	1.052E-06	4.585E-05	6.774E-06	6.327E-06	6.876E-01

866	9.993E-07	5.037E-05	3.611E-06	2.392E-06	6.795E-01
867	9.242E-07	5.392E-05	7.705E-06	3.824E-06	6.716E-01
868	8.475E-07	5.503E-05	1.194E-06	2.434E-06	6.637E-01
869	7.709E-07	5.389E-05	5.511E-06	1.647E-06	6.566E-01
870	7.402E-07	4.775E-05	5.900E-06	2.986E-06	6.494E-01
871	6.836E-07	4.761E-05	2.354E-06	6.222E-06	6.427E-01
872	6.658E-07	4.329E-05	2.589E-06	1.745E-06	6.359E-01
873	5.916E-07	3.837E-05	3.258E-06	2.310E-06	6.294E-01
874	5.646E-07	2.836E-05	3.590E-06	4.625E-06	6.229E-01
875	5.246E-07	2.514E-05	3.921E-06	4.620E-06	6.167E-01
876	4.909E-07	1.984E-05	2.707E-06	2.431E-06	6.106E-01
877	4.757E-07	1.682E-05	1.538E-06	4.264E-06	6.045E-01
878	4.332E-07	1.065E-05	3.593E-06	3.648E-06	5.984E-01
879	4.468E-07	9.280E-06	1.084E-06	2.604E-06	5.918E-01
880	3.995E-07	6.809E-06	2.229E-06	2.152E-06	5.853E-01
881	4.078E-07	4.828E-06	5.095E-07	8.221E-07	5.786E-01
882	3.820E-07	3.057E-06	3.186E-06	2.168E-06	5.720E-01
883	3.516E-07	2.247E-06	3.453E-06	2.107E-06	5.660E-01
884	3.380E-07	1.466E-06	1.642E-06	3.444E-06	5.601E-01
885	3.421E-07	9.657E-07	2.159E-06	3.501E-06	5.546E-01
886	3.125E-07	6.519E-07	2.859E-06	1.401E-06	5.491E-01
887	2.999E-07	4.659E-07	2.170E-06	2.713E-06	5.448E-01
888	2.874E-07	3.691E-07	1.793E-06	1.951E-06	5.405E-01
889	2.731E-07	2.998E-07	3.630E-07	1.343E-06	5.370E-01
890	2.630E-07	2.703E-07	2.037E-06	2.013E-06	5.334E-01
891	2.733E-07	2.402E-07	1.345E-06	3.137E-06	5.304E-01
892	2.194E-07	2.245E-07	3.298E-07	1.700E-06	5.275E-01
893	2.126E-07	2.047E-07	1.242E-06	6.715E-07	5.249E-01
894	2.021E-07	1.954E-07	2.002E-06	1.459E-06	5.223E-01
895	2.117E-07	1.884E-07	2.110E-06	2.423E-06	5.197E-01
896	1.778E-07	1.652E-07	3.402E-06	1.544E-06	5.171E-01
897	1.566E-07	1.795E-07	2.894E-06	1.830E-06	5.144E-01
898	1.238E-07	1.583E-07	2.086E-06	1.456E-06	5.116E-01
899	1.269E-07	1.475E-07	2.352E-06	2.061E-06	5.088E-01
900	1.240E-07	1.629E-07	1.745E-06	2.060E-06	5.059E-01
901	1.008E-07	1.602E-07	5.626E-07	1.609E-06	5.032E-01
902	1.012E-07	1.526E-07	6.287E-07	2.241E-06	5.004E-01
903	1.029E-07	1.446E-07	1.397E-06	1.473E-06	4.974E-01
904	9.616E-08	1.500E-07	8.717E-07	1.456E-06	4.944E-01
905	4.663E-08	1.386E-07	2.529E-06	1.911E-06	4.913E-01
906	5.417E-08	1.411E-07	1.497E-06	2.303E-06	4.883E-01
907	4.340E-08	1.514E-07	2.763E-06	1.417E-06	4.851E-01
908	2.613E-08	1.317E-07	1.535E-06	1.970E-06	4.819E-01
909	2.831E-08	1.346E-07	8.955E-07	1.589E-06	4.790E-01
910	3.400E-08	1.455E-07	1.676E-06	1.980E-06	4.761E-01
911	1.928E-08	1.443E-07	2.682E-06	1.714E-06	4.739E-01
912	1.465E-08	1.415E-07	1.450E-06	1.978E-06	4.717E-01

913	1.882E-08	1.562E-07	1.920E-06	1.645E-06	4.700E-01
914	1.729E-08	1.688E-07	1.438E-06	1.542E-06	4.682E-01
915	3.195E-08	1.588E-07	1.320E-06	1.915E-06	4.648E-01
916	9.915E-09	1.702E-07	1.313E-06	1.175E-06	4.604E-01
917	1.906E-08	1.780E-07	6.713E-07	9.074E-07	4.468E-01
918	1.748E-08	1.802E-07	1.982E-06	1.219E-06	4.312E-01
919	2.043E-08	1.915E-07	1.055E-06	2.177E-06	3.974E-01
920	1.113E-08	2.026E-07	1.392E-06	9.925E-07	3.616E-01
921	2.284E-08	2.326E-07	1.421E-06	7.506E-07	3.088E-01
922	9.156E-09	2.640E-07	2.358E-06	9.761E-07	2.561E-01
923	1.801E-08	2.972E-07	2.726E-06	9.969E-07	2.030E-01
924	1.443E-08	3.637E-07	2.159E-06	9.439E-07	1.518E-01
925	4.659E-09	4.491E-07	1.688E-06	7.809E-07	1.145E-01
926	1.511E-08	5.781E-07	9.886E-07	8.909E-07	7.919E-02
927	2.282E-08	7.532E-07	1.565E-06	6.816E-07	5.857E-02
928	1.845E-08	9.905E-07	1.629E-06	6.906E-07	3.925E-02
929	3.258E-09	1.278E-06	1.529E-06	6.808E-07	2.934E-02
930	1.385E-08	1.592E-06	1.799E-06	8.346E-07	2.008E-02
931	3.602E-09	1.924E-06	1.683E-06	5.282E-07	1.544E-02
932	1.138E-08	2.285E-06	1.796E-06	1.364E-07	1.109E-02
933	2.557E-09	2.615E-06	1.682E-06	3.636E-07	8.778E-03
934	5.864E-09	2.935E-06	1.593E-06	5.013E-07	6.622E-03
935	9.616E-09	3.221E-06	1.687E-06	8.700E-07	5.476E-03
936	9.783E-09	3.412E-06	1.490E-06	5.527E-07	4.409E-03
937	1.454E-08	3.536E-06	1.577E-06	4.852E-07	3.832E-03
938	1.077E-08	3.608E-06	1.562E-06	5.348E-07	3.275E-03
939	9.985E-09	3.644E-06	8.056E-07	2.063E-07	2.832E-03
940	2.161E-08	3.732E-06	1.005E-06	3.754E-07	2.353E-03
941	1.345E-08	4.025E-06	1.055E-06	4.111E-07	2.116E-03
942	3.990E-09	4.768E-06	1.168E-06	3.260E-07	1.729E-03
943	1.820E-08	5.998E-06	9.933E-07	3.288E-07	1.234E-03
944	7.372E-09	7.694E-06	9.237E-07	2.072E-07	8.944E-04
945	1.058E-08	1.002E-05	1.271E-06	3.239E-07	6.544E-04
946	4.090E-09	1.269E-05	6.107E-07	1.083E-07	4.804E-04
947	8.545E-09	1.540E-05	4.480E-07	1.313E-07	3.579E-04
948	5.632E-09	1.782E-05	8.133E-07	1.751E-07	2.683E-04
949	8.257E-09	1.979E-05	6.772E-07	2.567E-07	2.019E-04
950	6.149E-09	2.139E-05	5.916E-07	3.809E-07	1.551E-04
951	1.606E-08	2.205E-05	6.277E-07	3.108E-07	1.219E-04
952	3.396E-09	2.103E-05	5.739E-07	3.047E-07	9.502E-05
953	1.335E-08	1.857E-05	6.003E-07	8.116E-08	7.466E-05
954	8.465E-09	1.550E-05	5.705E-07	8.111E-08	5.971E-05
955	1.626E-08	1.235E-05	8.017E-07	1.457E-07	4.746E-05
956	1.601E-08	9.327E-06	7.656E-07	1.663E-07	3.776E-05
957	3.656E-09	6.644E-06	6.045E-07	3.075E-07	3.085E-05
958	1.643E-08	4.467E-06	5.444E-07	1.347E-07	2.553E-05
959	2.757E-09	2.980E-06	6.039E-07	2.582E-07	2.082E-05

960	8.155E-09	1.966E-06	5.022E-07	1.101E-07	1.737E-05
961	9.836E-09	1.274E-06	3.509E-07	7.207E-08	1.406E-05
962	1.311E-08	8.639E-07	5.233E-07	1.356E-07	1.145E-05
963	6.009E-09	6.587E-07	5.073E-07	1.218E-07	9.525E-06
964	9.212E-09	5.483E-07	4.327E-07	1.251E-07	8.151E-06
965	7.100E-09	4.778E-07	6.479E-07	1.577E-07	6.842E-06
966	4.194E-09	4.279E-07	5.276E-07	1.437E-07	5.926E-06
967	1.111E-08	3.976E-07	4.402E-07	1.558E-07	5.168E-06
968	8.171E-09	3.746E-07	2.720E-07	1.489E-07	4.484E-06
969	4.779E-09	3.587E-07	2.350E-07	1.454E-07	3.926E-06
970	7.445E-09	3.496E-07	3.518E-07	1.035E-07	3.285E-06
971	7.094E-09	3.470E-07	3.132E-07	8.876E-08	2.871E-06
972	1.018E-08	3.491E-07	4.249E-07	6.461E-08	2.554E-06
973	1.045E-08	3.566E-07	3.699E-07	1.030E-07	1.964E-06
974	1.024E-08	3.685E-07	3.954E-07	2.141E-07	1.657E-06
975	1.203E-08	3.890E-07	3.176E-07	1.662E-07	1.587E-06
976	8.533E-09	4.148E-07	3.537E-07	1.288E-07	1.342E-06
977	7.723E-09	4.517E-07	4.180E-07	7.556E-08	1.153E-06
978	8.538E-09	5.018E-07	2.513E-07	1.286E-07	1.107E-06
979	5.338E-09	5.737E-07	2.589E-07	1.921E-07	1.015E-06
980	6.466E-09	6.753E-07	2.443E-07	1.363E-07	7.689E-07
981	8.806E-09	8.197E-07	3.007E-07	1.779E-07	6.303E-07
982	1.203E-08	1.036E-06	3.254E-07	2.022E-07	8.322E-07
983	1.109E-08	1.350E-06	2.482E-07	1.543E-07	6.446E-07
984	9.165E-09	1.789E-06	2.154E-07	1.353E-07	5.714E-07
985	9.117E-09	2.389E-06	2.266E-07	1.797E-07	3.359E-07
986	8.552E-09	3.120E-06	3.506E-07	2.370E-07	3.987E-07
987	1.046E-08	4.060E-06	3.747E-07	2.397E-07	4.003E-07
988	1.320E-08	5.187E-06	2.293E-07	2.170E-07	2.669E-07
989	9.630E-09	6.435E-06	2.092E-07	2.533E-07	4.502E-07
990	7.848E-09	7.766E-06	2.621E-07	2.133E-07	3.618E-07
991	8.461E-09	8.952E-06	2.634E-07	2.334E-07	2.288E-07
992	1.217E-08	9.755E-06	1.972E-07	2.767E-07	3.572E-07
993	7.962E-09	1.012E-05	2.161E-07	2.912E-07	4.052E-07
994	1.035E-08	9.848E-06	2.246E-07	3.632E-07	1.967E-07
995	1.169E-08	9.091E-06	2.149E-07	2.901E-07	2.865E-07
996	1.239E-08	8.034E-06	1.693E-07	3.503E-07	3.490E-07
997	1.174E-08	6.824E-06	1.671E-07	3.739E-07	1.908E-07
998	8.128E-09	5.636E-06	2.212E-07	4.775E-07	1.895E-07
999	1.385E-08	4.633E-06	2.332E-07	5.472E-07	1.194E-07
1000	1.045E-08	3.834E-06	2.522E-07	5.176E-07	5.437E-08
1001	1.136E-08	3.162E-06	2.247E-07	5.540E-07	2.089E-07
1002	1.384E-08	2.695E-06	1.692E-07	6.029E-07	1.952E-07
1003	1.211E-08	2.342E-06	2.665E-07	7.323E-07	7.937E-08
1004	1.056E-08	2.101E-06	2.982E-07	7.991E-07	1.646E-07
1005	1.627E-08	1.942E-06	3.068E-07	7.870E-07	9.693E-08
1006	1.392E-08	1.858E-06	3.683E-07	7.046E-07	1.506E-07

1007	1.596E-08	1.806E-06	3.724E-07	7.593E-07	1.116E-07
1008	1.595E-08	1.801E-06	3.243E-07	8.643E-07	1.198E-07
1009	1.553E-08	1.824E-06	2.956E-07	8.704E-07	1.379E-07
1010	1.645E-08	1.873E-06	2.913E-07	9.237E-07	2.011E-07
1011	2.194E-08	1.961E-06	3.742E-07	9.389E-07	2.185E-07
1012	2.141E-08	2.086E-06	4.574E-07	8.614E-07	1.495E-07
1013	2.095E-08	2.241E-06	3.745E-07	8.766E-07	8.174E-08
1014	2.425E-08	2.410E-06	3.926E-07	9.465E-07	1.175E-07
1015	2.399E-08	2.630E-06	4.343E-07	9.246E-07	4.271E-08
1016	2.664E-08	2.876E-06	4.535E-07	7.967E-07	5.710E-08
1017	2.932E-08	3.147E-06	4.398E-07	7.976E-07	1.021E-07
1018	2.949E-08	3.427E-06	4.478E-07	9.116E-07	8.026E-08
1019	3.219E-08	3.710E-06	5.162E-07	8.905E-07	6.825E-08
1020	3.646E-08	3.812E-06	5.321E-07	8.110E-07	5.585E-08
1021	4.633E-08	4.198E-06	5.523E-07	7.774E-07	8.404E-08
1022	4.666E-08	4.045E-06	5.783E-07	7.426E-07	1.578E-07
1023	5.218E-08	4.174E-06	5.971E-07	7.154E-07	9.433E-08
1024	5.963E-08	4.470E-06	5.743E-07	6.839E-07	9.296E-08
1025	6.438E-08	4.408E-06	5.715E-07	6.813E-07	2.595E-08
1026	7.542E-08	4.230E-06	5.701E-07	6.497E-07	6.218E-08
1027	8.120E-08	3.978E-06	5.924E-07	6.060E-07	5.518E-08
1028	8.567E-08	3.435E-06	6.075E-07	6.364E-07	3.293E-08
1029	9.164E-08	3.168E-06	5.881E-07	5.973E-07	3.589E-08
1030	9.557E-08	2.904E-06	5.899E-07	5.609E-07	6.657E-08
1031	9.473E-08	2.631E-06	5.462E-07	5.379E-07	5.297E-08
1032	9.548E-08	2.380E-06	5.559E-07	4.166E-07	6.627E-08
1033	9.587E-08	2.176E-06	5.474E-07	3.793E-07	6.003E-08
1034	9.335E-08	1.989E-06	5.330E-07	4.123E-07	5.909E-08
1035	9.252E-08	1.841E-06	5.437E-07	3.954E-07	8.615E-08
1036	9.327E-08	1.716E-06	5.401E-07	3.641E-07	5.687E-08
1037	9.297E-08	1.604E-06	5.162E-07	3.380E-07	4.413E-08
1038	9.171E-08	1.512E-06	4.924E-07	2.823E-07	6.413E-08
1039	9.166E-08	1.461E-06	4.885E-07	2.786E-07	4.264E-08
1040	9.221E-08	1.429E-06	4.894E-07	2.977E-07	5.689E-08
1041	9.016E-08	1.404E-06	4.749E-07	2.773E-07	7.502E-08
1042	8.883E-08	1.514E-06	4.735E-07	2.794E-07	5.949E-08
1043	8.981E-08	1.463E-06	4.777E-07	2.562E-07	3.770E-08
1044	8.986E-08	1.540E-06	4.874E-07	2.322E-07	2.775E-08
1045	8.784E-08	1.569E-06	4.841E-07	2.235E-07	1.775E-08
1046	8.903E-08	1.496E-06	4.858E-07	1.957E-07	5.340E-09
1047	8.878E-08	1.569E-06	5.187E-07	1.839E-07	1.701E-08
1048	8.901E-08	1.646E-06	5.307E-07	1.923E-07	2.766E-08
1049	8.924E-08	1.745E-06	5.519E-07	1.809E-07	1.268E-08
1050	8.832E-08	1.677E-06	5.749E-07	1.752E-07	9.720E-09
1051	8.915E-08	1.803E-06	5.912E-07	1.692E-07	2.600E-08
1052	8.814E-08	2.160E-06	6.278E-07	1.514E-07	2.610E-08
1053	9.037E-08	2.382E-06	6.713E-07	1.507E-07	1.586E-08

1054	8.950E-08	2.635E-06	7.140E-07	1.083E-07	2.350E-08
1055	9.187E-08	2.914E-06	7.565E-07	1.056E-07	2.758E-08
1056	9.302E-08	2.932E-06	8.154E-07	1.337E-07	2.175E-08
1057	9.334E-08	3.257E-06	8.865E-07	1.285E-07	3.728E-08
1058	9.344E-08	4.376E-06	9.654E-07	1.429E-07	2.386E-08
1059	9.481E-08	4.789E-06	1.071E-06	1.452E-07	9.062E-09
1060	9.551E-08	5.176E-06	1.186E-06	1.443E-07	2.036E-08
1061	9.647E-08	5.561E-06	1.315E-06	1.396E-07	1.942E-08
1062	9.716E-08	5.856E-06	1.469E-06	1.273E-07	7.087E-09
1063	9.940E-08	6.065E-06	1.650E-06	1.232E-07	9.219E-09
1064	1.008E-07	5.616E-06	1.847E-06	1.304E-07	1.854E-08
1065	1.019E-07	5.477E-06	2.063E-06	1.291E-07	2.618E-08
1066	1.035E-07	5.259E-06	2.310E-06	1.178E-07	1.602E-08
1067	1.054E-07	5.042E-06	2.606E-06	1.120E-07	1.263E-08
1068	1.083E-07	5.203E-06	2.926E-06	1.159E-07	1.571E-08
1069	1.112E-07	4.884E-06	3.264E-06	1.210E-07	8.123E-09
1070	1.144E-07	4.169E-06	3.631E-06	1.185E-07	8.744E-09
1071	1.180E-07	3.837E-06	4.040E-06	1.142E-07	1.380E-08
1072	1.229E-07	3.542E-06	4.452E-06	1.114E-07	1.024E-08
1073	1.276E-07	3.273E-06	4.878E-06	1.087E-07	1.626E-08
1074	1.338E-07	3.326E-06	5.347E-06	9.360E-08	2.457E-08
1075	1.392E-07	3.125E-06	5.823E-06	9.206E-08	2.217E-08
1076	1.459E-07	2.953E-06	6.309E-06	8.103E-08	1.218E-08
1077	1.522E-07	2.791E-06	6.800E-06	7.592E-08	5.492E-09
1078	1.597E-07	2.674E-06	7.295E-06	7.955E-08	7.701E-09
1079	1.680E-07	2.613E-06	7.810E-06	8.065E-08	9.238E-09
1080	1.752E-07	2.564E-06	8.387E-06	8.298E-08	4.761E-09
1081	1.840E-07	2.533E-06	9.053E-06	8.379E-08	4.410E-09
1082	1.936E-07	2.292E-06	9.732E-06	8.642E-08	1.295E-08
1083	2.049E-07	2.270E-06	1.038E-05	8.665E-08	1.358E-08
1084	2.161E-07	2.381E-06	1.100E-05	9.010E-08	8.355E-09
1085	2.299E-07	2.428E-06	1.163E-05	9.154E-08	6.406E-09
1086	2.420E-07	2.501E-06	1.234E-05	9.216E-08	2.986E-09
1087	2.571E-07	2.592E-06	1.302E-05	9.940E-08	2.777E-09
1088	2.745E-07	2.461E-06	1.361E-05	8.995E-08	9.885E-09
1089	2.919E-07	2.620E-06	1.425E-05	9.530E-08	9.040E-09
1090	3.111E-07	3.060E-06	1.495E-05	1.331E-07	3.994E-09
1091	3.316E-07	3.258E-06	1.568E-05	1.464E-07	5.908E-09
1092	3.565E-07	3.507E-06	1.642E-05	1.434E-07	7.987E-09
1093	3.832E-07	3.809E-06	1.713E-05	1.561E-07	1.323E-08
1094	4.136E-07	3.375E-06	1.803E-05	1.642E-07	1.319E-08
1095	4.460E-07	3.706E-06	1.907E-05	1.763E-07	9.997E-09
1096	4.834E-07	5.534E-06	2.008E-05	1.642E-07	9.565E-09
1097	5.230E-07	6.136E-06	2.120E-05	1.755E-07	7.080E-09
1098	5.230E-07	6.445E-06	2.176E-05	1.787E-07	4.927E-09
1099	5.230E-07	6.445E-06	2.176E-05	1.787E-07	4.927E-09
1100	5.230E-07	6.445E-06	2.176E-05	1.787E-07	4.927E-09