Tasks Assigned at the Second Workshop on Computing $\sigma(DD \to \alpha\pi^0)$ and Charge Symmetry Breaking

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The second meeting of the collaboration aiming to compute the cross section of the $DD \to \alpha\pi^0$ reaction was held at the Hyatt Regency Hotel in Albuquerque on April 19, 2002. The next meeting is scheduled for *Aug 24, 2002 in Bloomington*.

Here is a list of tasks and dates which we agreed on:

1. Given a scattering matrix element M, provide the formula for $d\sigma/d\Omega$ — Anders and Jerry, May 1
2. Implement the hw problem (remove d wave in ^{4}He and D) — Andreas, May 1
3. Check partial-wave decomposition — Andreas, May 1
4. Set up $DD \to \alpha\pi^0$ dedicated web site — Bira, May 10
5. One-body operator, evaluate cross section — Anders and Chuck, May 1
6. Check importance of p-wave pion with one-body operator — Chuck and Anders, June 1
7. To evaluate effects of CSB in ^{4}He, send out Weinberg-Tomazowa operator — Bira, Anders and Andreas, June 1
8. File of all operators — Bira, June 1
9. DD distortions — Antonio, Aug 1
10. Eikonal calculations of σ_{tot} to check — Jerry, Aug 1
11. Combining distortions with production mechanism — Antonio and Andreas, longer term
12. Find any checks on calcualtion — longer term