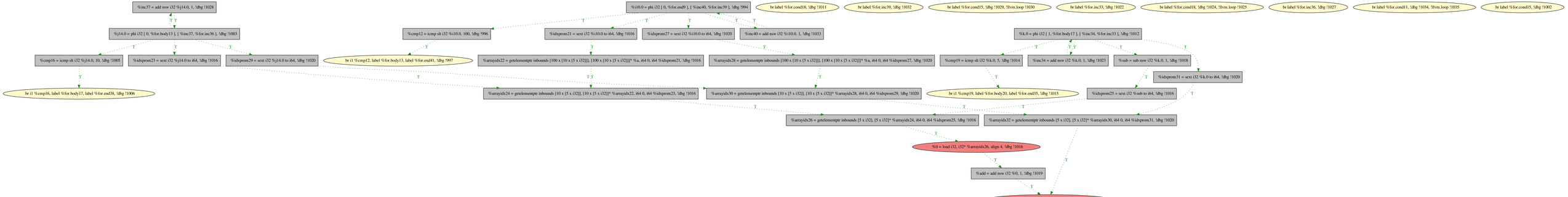
%inc37 = add nsw i32 %j14.0, 1, !dbg !1028
%j14.0 = phi i32 [0, %for.body13], [%inc37, %for.inc36], !dbg !1003
%cmp16 = icmp slt i32 %j14.0, 10, !dbg !1005
%idxprom23 = sext i32 %j14.0 to i64, !dbg !1016
%idxprom29 = sext i32 %j14.0 to i64, !dbg !1020
br i1 %cmp16, label %for.body17, label %for.end38, !dbg !1006
%i10.0 = phi i32 [0, %for.end9], [%inc40, %for.inc39], !dbg !994
%cmp12 = icmp slt i32 %i10.0, 100, !dbg !996
%idxprom21 = sext i32 %i10.0 to i64, !dbg !1016
%idxprom27 = sext i32 %i10.0 to i64, !dbg !1020
%inc40 = add nsw i32 %i10.0, 1, !dbg !1033
br i1 %cmp12, label %for.body13, label %for.end41, !dbg !997
%arrayidx22 = getelementptr inbounds [100 x [10 x [5 x i32]]], [100 x [10 x [5 x i32]]]* %a, i64 0, i64 %idxprom21, !dbg !1016
%arrayidx28 = getelementptr inbounds [100 x [10 x [5 x i32]]], [100 x [10 x [5 x i32]]]* %a, i64 0, i64 %idxprom27, !dbg !1020
%arrayidx24 = getelementptr inbounds [10 x [5 x i32]], [10 x [5 x i32]]* %arrayidx22, i64 0, i64 %idxprom23, !dbg !1016
%arrayidx30 = getelementptr inbounds [10 x [5 x i32]], [10 x [5 x i32]]* %arrayidx28, i64 0, i64 %idxprom29, !dbg !1020
br label %for.cond18, !dbg !1011
br label %for.inc39, !dbg !1032
br label %for.cond15, !dbg !1029, !llvm.loop !1030
br label %for.inc33, !dbg !1022
br label %for.cond18, !dbg !1024, !llvm.loop !1025
br label %for.inc36, !dbg !1027
br label %for.cond11, !dbg !1034, !llvm.loop !1035
br label %for.cond15, !dbg !1002
%k.0 = phi i32 [1, %for.body17], [%inc34, %for.inc33], !dbg !1012
%cmp19 = icmp slt i32 %k.0, 5, !dbg !1014
%inc34 = add nsw i32 %k.0, 1, !dbg !1023
%sub = sub nsw i32 %k.0, 1, !dbg !1018
%idxprom31 = sext i32 %k.0 to i64, !dbg !1020
br i1 %cmp19, label %for.body20, label %for.end35, !dbg !1015
%idxprom25 = sext i32 %sub to i64, !dbg !1016
%arrayidx26 = getelementptr inbounds [5 x i32], [5 x i32]* %arrayidx24, i64 0, i64 %idxprom25, !dbg !1016
%arrayidx32 = getelementptr inbounds [5 x i32], [5 x i32]* %arrayidx30, i64 0, i64 %idxprom31, !dbg !1020
%0 = load i32, i32* %arrayidx26, align 4, !dbg !1016
%add = add nsw i32 %0, 1, !dbg !1019
store i32 %add, i32* %arrayidx32, align 4, !dbg !1021