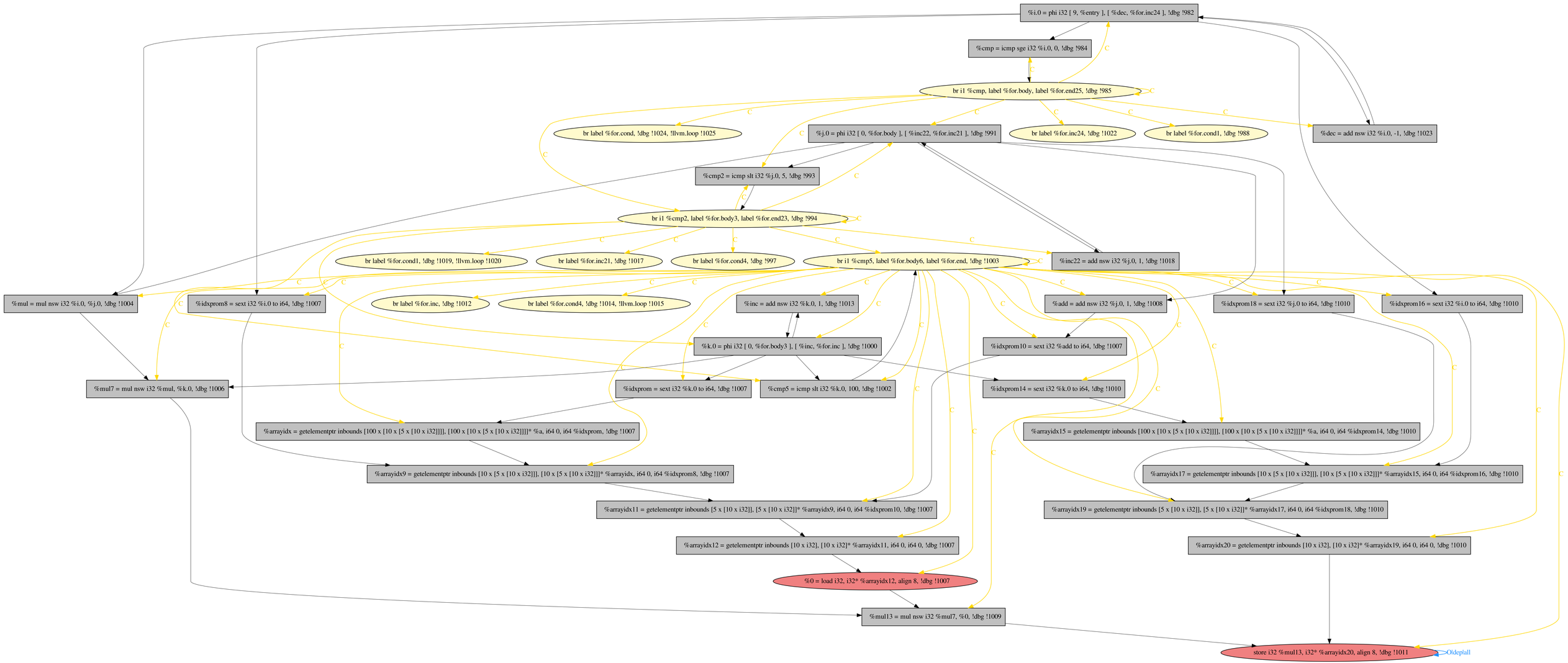
%i.0 = phi i32 [9, %entry], [%dec, %for.inc24], !dbg !982
%cmp = icmp sge i32 %i.0, 0, !dbg !984
br i1 %cmp, label %for.body, label %for.end25, !dbg !985
br label %for.cond, !dbg !1024, !llvm.loop !1025
%j.0 = phi i32 [0, %for.body], [%inc22, %for.inc21], !dbg !991
br label %for.inc24, !dbg !1022
br label %for.cond1, !dbg !988
%dec = add nsw i32 %i.0, -1, !dbg !1023
%cmp2 = icmp slt i32 %j.0, 5, !dbg !993
br i1 %cmp2, label %for.body3, label %for.end23, !dbg !994
br label %for.cond1, !dbg !1019, !llvm.loop !1020
br label %for.inc21, !dbg !1017
br label %for.cond4, !dbg !997
br i1 %cmp5, label %for.body6, label %for.end, !dbg !1003
%inc22 = add nsw i32 %j.0, 1, !dbg !1018
%mul = mul nsw i32 %i.0, %j.0, !dbg !1004
%idxprom8 = sext i32 %i.0 to i64, !dbg !1007
br label %for.inc, !dbg !1012
br label %for.cond4, !dbg !1014, !llvm.loop !1015
%inc = add nsw i32 %k.0, 1, !dbg !1013
%add = add nsw i32 %j.0, 1, !dbg !1008
%idxprom18 = sext i32 %j.0 to i64, !dbg !1010
%idxprom16 = sext i32 %i.0 to i64, !dbg !1010
%k.0 = phi i32 [0, %for.body3], [%inc, %for.inc], !dbg !1000
%idxprom10 = sext i32 %add to i64, !dbg !1007
%mul7 = mul nsw i32 %mul, %k.0, !dbg !1006
%idxprom = sext i32 %k.0 to i64, !dbg !1007
%cmp5 = icmp slt i32 %k.0, 100, !dbg !1002
%idxprom14 = sext i32 %k.0 to i64, !dbg !1010
%arrayidx = getelementptr inbounds [100 x [10 x [5 x [10 x i32]]]], [100 x [10 x [5 x [10 x i32]]]]* %a, i64 0, i64 %idxprom, !dbg !1007
%arrayidx15 = getelementptr inbounds [100 x [10 x [5 x [10 x i32]]]], [100 x [10 x [5 x [10 x i32]]]]* %a, i64 0, i64 %idxprom14, !dbg !1010
%arrayidx9 = getelementptr inbounds [10 x [5 x [10 x i32]]], [10 x [5 x [10 x i32]]]* %arrayidx, i64 0, i64 %idxprom8, !dbg !1007
%arrayidx17 = getelementptr inbounds [10 x [5 x [10 x i32]]], [10 x [5 x [10 x i32]]]* %arrayidx15, i64 0, i64 %idxprom16, !dbg !1010
%arrayidx11 = getelementptr inbounds [5 x [10 x i32]], [5 x [10 x i32]]* %arrayidx9, i64 0, i64 %idxprom10, !dbg !1007
%arrayidx19 = getelementptr inbounds [5 x [10 x i32]], [5 x [10 x i32]]* %arrayidx17, i64 0, i64 %idxprom18, !dbg !1010
%arrayidx12 = getelementptr inbounds [10 x i32], [10 x i32]* %arrayidx11, i64 0, i64 0, !dbg !1007
%arrayidx20 = getelementptr inbounds [10 x i32], [10 x i32]* %arrayidx19, i64 0, i64 0, !dbg !1010
%0 = load i32, i32* %arrayidx12, align 8, !dbg !1007
%mul13 = mul nsw i32 %mul7, %0, !dbg !1009
store i32 %mul13, i32* %arrayidx20, align 8, !dbg !1011
0deplall
C