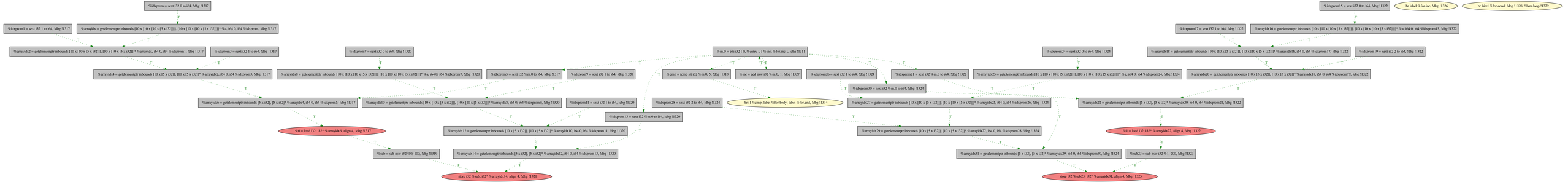
%idxprom = sext i32 0 to i64, !dbg !1317
%idxprom1 = sext i32 1 to i64, !dbg !1317
%arrayidx = getelementptr inbounds [10 x [10 x [10 x [5 x i32]]]], [10 x [10 x [10 x [5 x i32]]]]* %a, i64 0, i64 %idxprom, !dbg !1317
%arrayidx2 = getelementptr inbounds [10 x [10 x [5 x i32]]], [10 x [10 x [5 x i32]]]* %arrayidx, i64 0, i64 %idxprom1, !dbg !1317
%idxprom3 = sext i32 1 to i64, !dbg !1317
%arrayidx4 = getelementptr inbounds [10 x [5 x i32]], [10 x [5 x i32]]* %arrayidx2, i64 0, i64 %idxprom3, !dbg !1317
%arrayidx6 = getelementptr inbounds [5 x i32], [5 x i32]* %arrayidx4, i64 0, i64 %idxprom5, !dbg !1317
%0 = load i32, i32* %arrayidx6, align 4, !dbg !1317
%sub = sub nsw i32 %0, 100, !dbg !1319
store i32 %sub, i32* %arrayidx14, align 4, !dbg !1321
%idxprom7 = sext i32 0 to i64, !dbg !1320
%arrayidx8 = getelementptr inbounds [10 x [10 x [10 x [5 x i32]]], [10 x [10 x [10 x [5 x i32]]]]* %a, i64 0, i64 %idxprom7, !dbg !1320
%arrayidx10 = getelementptr inbounds [10 x [10 x [5 x i32]], [10 x [10 x [5 x i32]]]* %arrayidx8, i64 0, i64 %idxprom9, !dbg !1320
%arrayidx12 = getelementptr inbounds [10 x [5 x i32]], [10 x [5 x i32]]* %arrayidx10, i64 0, i64 %idxprom11, !dbg !1320
%arrayidx14 = getelementptr inbounds [5 x i32], [5 x i32]* %arrayidx12, i64 0, i64 %idxprom13, !dbg !1320
%idxprom5 = sext i32 %i.0 to i64, !dbg !1317
%idxprom9 = sext i32 1 to i64, !dbg !1320
%idxprom11 = sext i32 1 to i64, !dbg !1320
%idxprom13 = sext i32 %i.0 to i64, !dbg !1320
%i.0 = phi i32 [0, %entry], [%inc, %for.inc], !dbg !1311
%cmp = icmp slt i32 %i.0, 5, !dbg !1313
%inc = add nsw i32 %i.0, 1, !dbg !1327
br i1 %cmp, label %for.body, label %for.end, !dbg !1314
%idxprom15 = sext i32 0 to i64, !dbg !1322
br label %for.inc, !dbg !1326
br label %for.cond, !dbg !1328, !llvm.loop !1329
%idxprom17 = sext i32 1 to i64, !dbg !1322
%arrayidx16 = getelementptr inbounds [10 x [10 x [10 x [5 x i32]]], [10 x [10 x [10 x [5 x i32]]]]* %a, i64 0, i64 %idxprom15, !dbg !1322
%arrayidx18 = getelementptr inbounds [10 x [10 x [5 x i32]], [10 x [10 x [5 x i32]]]* %arrayidx16, i64 0, i64 %idxprom17, !dbg !1322
%idxprom19 = sext i32 2 to i64, !dbg !1322
%arrayidx20 = getelementptr inbounds [10 x [5 x i32]], [10 x [5 x i32]]* %arrayidx18, i64 0, i64 %idxprom19, !dbg !1322
%arrayidx22 = getelementptr inbounds [5 x i32], [5 x i32]* %arrayidx20, i64 0, i64 %idxprom21, !dbg !1322
%1 = load i32, i32* %arrayidx22, align 4, !dbg !1322
%sub23 = sub nsw i32 %1, 200, !dbg !1323
store i32 %sub23, i32* %arrayidx31, align 4, !dbg !1325
%idxprom21 = sext i32 %i.0 to i64, !dbg !1322
%idxprom24 = sext i32 0 to i64, !dbg !1324
%arrayidx25 = getelementptr inbounds [10 x [10 x [10 x [5 x i32]]], [10 x [10 x [10 x [5 x i32]]]]* %a, i64 0, i64 %idxprom24, !dbg !1324
%arrayidx27 = getelementptr inbounds [10 x [10 x [5 x i32]], [10 x [10 x [5 x i32]]]* %arrayidx25, i64 0, i64 %idxprom26, !dbg !1324
%idxprom26 = sext i32 1 to i64, !dbg !1324
%idxprom28 = sext i32 2 to i64, !dbg !1324
%arrayidx29 = getelementptr inbounds [10 x [5 x i32]], [10 x [5 x i32]]* %arrayidx27, i64 0, i64 %idxprom28, !dbg !1324
%idxprom30 = sext i32 %i.0 to i64, !dbg !1324
%arrayidx31 = getelementptr inbounds [5 x i32], [5 x i32]* %arrayidx29, i64 0, i64 %idxprom30, !dbg !1324