

[3/4]

for.body:

call void @llvm.dbg.value(metadata i32 1, metadata !1315, metadata !DIExpression()), !dbg !1316

%idxprom = sext i32 0 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

%idxprom1 = sext i32 1 to i64, !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

%idxprom5 = sext i32 %m.0 to i64, !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

%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

%idxprom9 = sext i32 1 to i64, !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

%idxprom11 = sext i32 1 to i64, !dbg !1320

%arrayidx12 = getelementptr inbounds [10 x [5 x i32]], [10 x [5 x i32]]* %arrayidx10, i64 0, i64 %idxprom11, !dbg !1320

%idxprom13 = sext i32 %m.0 to i64, !dbg !1320

%arrayidx14 = getelementptr inbounds [5 x i32], [5 x i32]* %arrayidx12, i64 0, i64 %idxprom13, !dbg !1320

store i32 %sub, i32* %arrayidx14, align 4, !dbg !1321

call void @llvm.dbg.value(metadata i32 2, metadata !1315, metadata !DIExpression()), !dbg !1316

%idxprom15 = sext i32 0 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

%idxprom17 = sext i32 1 to i64, !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

%idxprom21 = sext i32 %m.0 to i64, !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

%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

%idxprom26 = sext i32 1 to i64, !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

%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 %m.0 to i64, !dbg !1324

%arrayidx31 = getelementptr inbounds [5 x i32], [5 x i32]* %arrayidx29, i64 0, i64 %idxprom30, !dbg !1324

store i32 %sub23, i32* %arrayidx31, align 4, !dbg !1325

br label %for.inc, !dbg !1326

[0/1]

for.inc:

%inc = add nsw i32 %m.0, 1, !dbg !1327

call void @llvm.dbg.value(metadata i32 %inc, metadata !1307, metadata !DIExpression()), !dbg !1309

br label %for.cond, !dbg !1328, !llvm.loop !1329

[2/5]

for.cond:

%m.0 = phi i32 [0, %entry], [%inc, %for.inc], !dbg !1311

call void @llvm.dbg.value(metadata i32 %m.0, metadata !1307, metadata !DIExpression()), !dbg !1309

%cmp = icmp slt i32 %m.0, 5, !dbg !1313

br i1 %cmp, label %for.body, label %for.end, !dbg !1314