[19/22] %1 = load i32, i32* %arrayidx5, align 4, !dbg !1325
[116/23] %arrayidx5 = getelementptr inbounds [100 x i32], [100 x i32]* %a, i64 0, i64 %idxprom4, !dbg !1324
[39/40] br label %while.cond, !dbg !1311
[13/14] br label %while.cond, !dbg !1311, !llvm.loop !1326
[0/1] br label %for.cond, !dbg !1330, !llvm.loop !1331
[115/24] %idxprom4 = sext i32 %i.0 to i64, !dbg !1324
[17/18] store i32 %dec, i32* %arrayidx5, align 4, !dbg !1325
DoOnnodpthOrConst
[120/21] %dec = add nsw i32 %1, -1, !dbg !1323
[44/45] br label %for.inc, !dbg !1328
[6/33] %mul = mul i64 %product.1, %conv, !dbg !1318
[11/32] %cmp2 = icmp sgt i64 %mul, 500000, !dbg !1319
[12/31] br i1 %cmp2, label %if.then, label %if.end, !dbg !1321
[25/28] %arrayidx = getelementptr inbounds [100 x i32], [100 x i32]* %a, i64 0, i64 %idxprom, !dbg !1315
[26/27] %0 = load i32, i32* %arrayidx, align 4, !dbg !1315
[2/47] %cmp1 = icmp sgt i32 %0, 0, !dbg !1316
[3/46] br i1 %cmp1, label %while.body, label %while.end, !dbg !1311
[35/36] %inc = add nsw i32 %i.0, 1, !dbg !1329
[40/41] %i.0 = phi i32 [0, %entry], [%inc, %for.inc], !dbg !1307
[35/34] %conv = sext i32 %i.0 to i64, !dbg !1317
[37/42] %cmp = icmp slt i32 %i.0, 100, !dbg !1309
[38/41] br i1 %cmp, label %for.body, label %for.end, !dbg !1310
[7/10] %product.1 = phi i64 [%product.0, %for.body], [%mul, %if.end], !dbg !1313
[29/30] %idxprom = sext i32 %i.0 to i64, !dbg !1325
[8/9] %product.0 = phi i64 [1, %entry], [%product.1, %for.inc], !dbg !1302