entry:
  %args.addr = alloca i8*, align 8
  %arg = alloca %struct.coreNumAndAddr*, align 8
  %addrAddr = alloca i32**, align 8
  %addr = alloca i32*, align 8
  %i = alloca i32, align 4
  store i8* %args, i8** %args.addr, align 8
  %0 = load i8** %args.addr, align 8
  %1 = bitcast i8* %0 to %struct.coreNumAndAddr*
  store %struct.coreNumAndAddr* %1, %struct.coreNumAndAddr** %arg, align 8
  %2 = load %struct.coreNumAndAddr** %arg, align 8
  %addrOfAddr = getelementptr inbounds %struct.coreNumAndAddr* %2, i32 0, i32 0
  %3 = load i32*** %addrOfAddr, align 8
  store i32** %3, i32*** %addrAddr, align 8
  %call = call i8* @mmap(i8* null, i64 262140, i32 3, i32 33, i32 -1, i64 0) #2
  %4 = bitcast i8* %call to i32*
  store i32* %4, i32** %addr, align 8
  %5 = load i32** %addr, align 8
  %6 = bitcast i32* %5 to i8*
  %cmp = icmp eq i8* %6, inttoptr (i64 -1 to i8*)
  br i1 %cmp, label %if.then, label %if.end
  | T | F |

if.then:
  %call1 = call %"class.std::basic_ostream"* @_ZStlsISt11char_traitsIcEERSt13basic_ostreamIcT_ES5_PKc(%"class.std::basic_ostream"* @_ZSt4cout, i8* getelementptr inbounds ([12 x i8]* @.str, i32 0, i32 0))
  %call2 = call %"class.std::basic_ostream"* @_ZNSolsEPFRSoS_E(%"class.std::basic_ostream"* %call1, %"class.std::basic_ostream"* (%"class.std::basic_ostream"*)* @_ZSt4endlIcSt11char_traitsIcEERSt13basic_ostreamIT_T0_ES6_)
  call void (i32, i8*, ...)* @err(i32 1, i8* getelementptr inbounds ([5 x i8]* @.str1, i32 0, i32 0)) #6
  unreachable

if.end:
  store i32 0, i32* %i, align 4
  br label %for.cond

for.cond:
  %7 = load i32* %i, align 4
  %cmp3 = icmp slt i32 %7, 65535
  br i1 %cmp3, label %for.body, label %for.end
  | T | F |

for.body:
  %8 = load i32* %i, align 4
  %9 = load i32* %i, align 4
  %idxprom = sext i32 %9 to i64
  %10 = load i32** %addr, align 8
  %arrayidx = getelementptr inbounds i32* %10, i64 %idxprom
  store i32 %8, i32* %arrayidx, align 4
  br label %for.inc

for.end:
  %12 = load i32** %addr, align 8
  %13 = load i32*** %addrAddr, align 8
  store i32* %12, i32** %13, align 8
  ret i8* null

for.inc:
  %11 = load i32* %i, align 4
  %inc = add nsw i32 %11, 1
  store i32 %inc, i32* %i, align 4
  br label %for.cond

CFG for '_Z10assignDataPv' function