

Case Study for DN=870

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Region=1;X=[0,XPP]; D(X)=-DPP;
          XPP=0.100000; DPP=1040000.000000; VPP=kT*log(NV/DPP)=0.059637;
          LPP=sqrt(Esi*kT/DPP)=0.004017 for DPP=1040000.000000
Region=2;X=[XPP,XP]; D(X)=-DP;
          XP=0.500000; DP=104000.000000; VP=kT*log(NV/DP)=0.119274;
          LP=sqrt(Esi*kT/DP)=0.012703 for DP=104000.000000
Region=3;X=[XP,XN]; D(X)=+DN;
          XN=1.500000; DN=870.000000; VN=kT*log(NC/DN)=0.268822;
          LN=sqrt(Esi*kT/DN)=0.138892 for DN=870.000000
Region=4;X=[XN,XPsub]; D(X)=-DPsub;
          XPsub=9.800000;DPsub=104.000000;VPsub=kT*log(NV/DPsub)=0.298185;
          LPsub=sqrt(Esi*kT/DPsub)=0.401717 for DPsub=104.000000
Region=5;X=[XPsub,XPPP]; D(X)=-DPPP;
          XPPP=20.000000;DPPP=10400000.000000;VPPP=kT*log(NV/DPPP)=0.0000000;
          LPPP=sqrt(Esi*kT/DPPP)=0.001270 for DPPP=10400000.000000
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