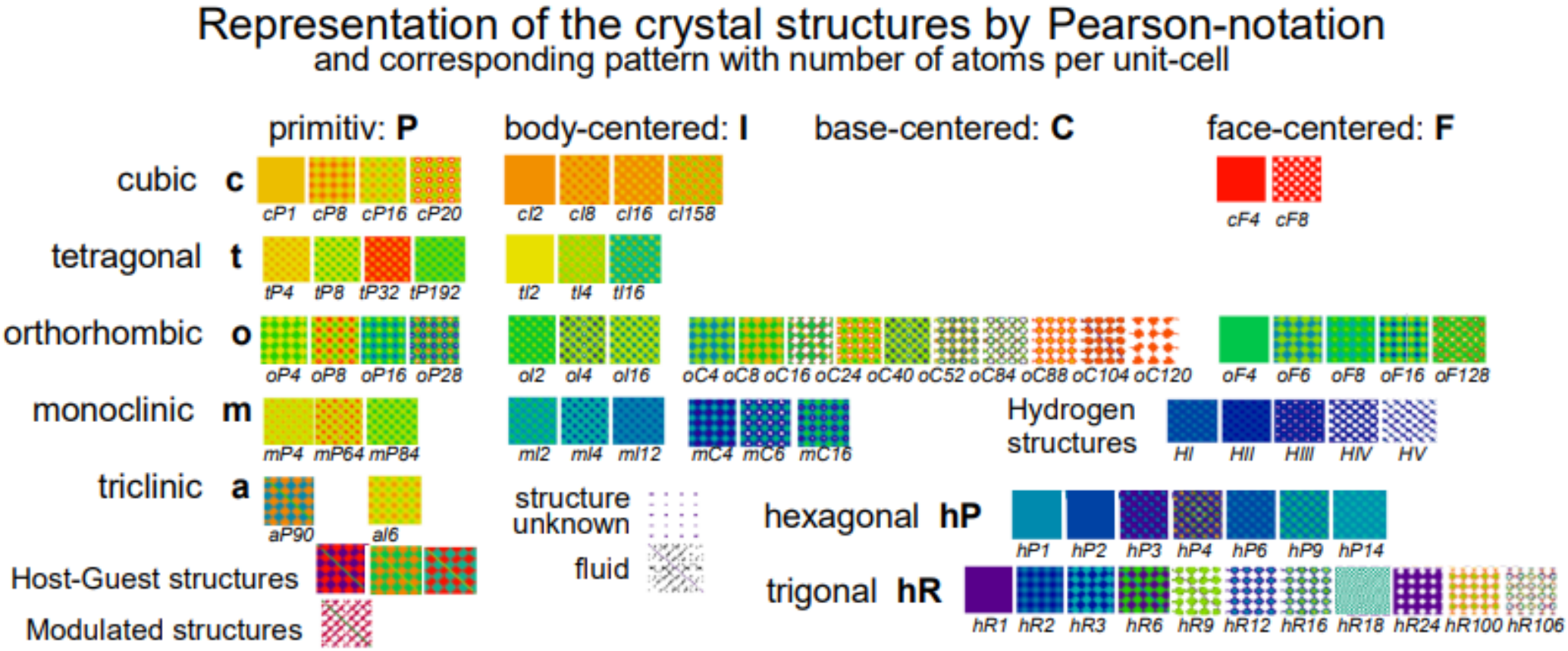
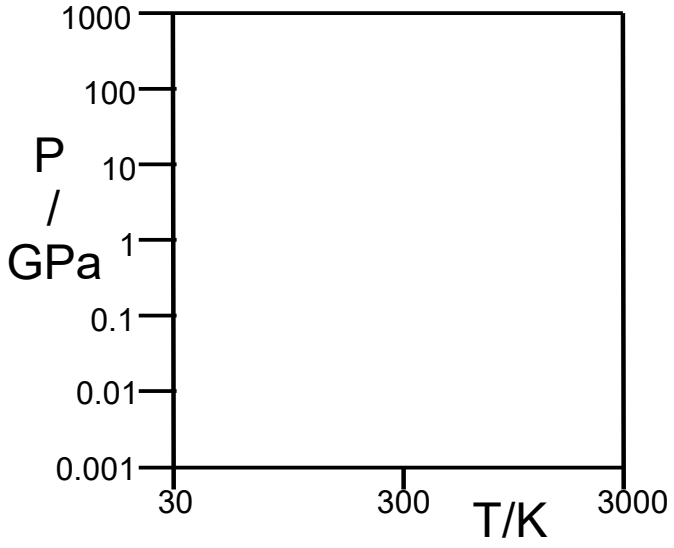
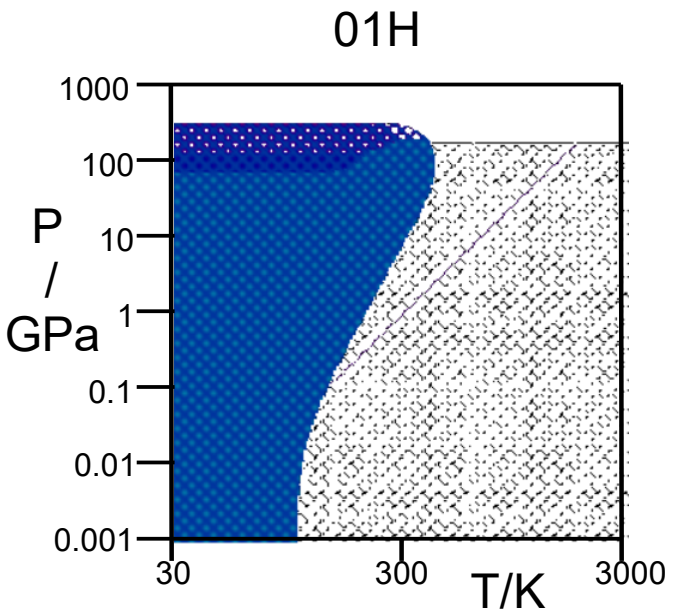
Additional material for lectures on the poster

At first we present here the pattern for the representaton of different crystal structures of the elements.



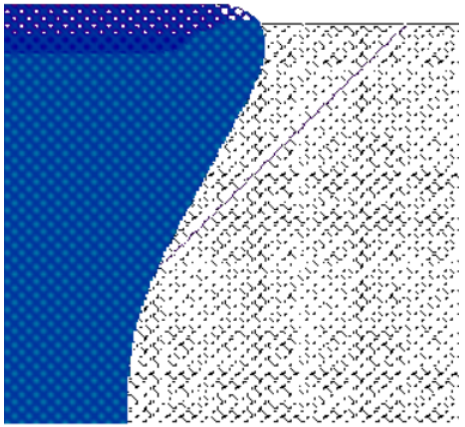
On the next page we present the phase-diagram for hydrogen together with the separated frame, since different sections and different frames may be used for different representations. Therefore the frames have been omitted on the following pages for all the phase-diagrams represented on log-log scale extending in T/K from 3-300 and in P/GPa from 0.001-1000 .



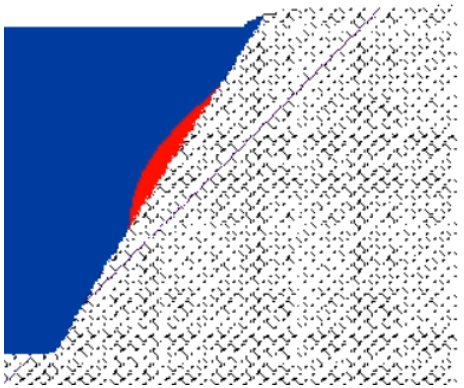


PD-Plot: log(P/GPa): 0.001-1000 GPa log(T/K): 30 – 3000 K

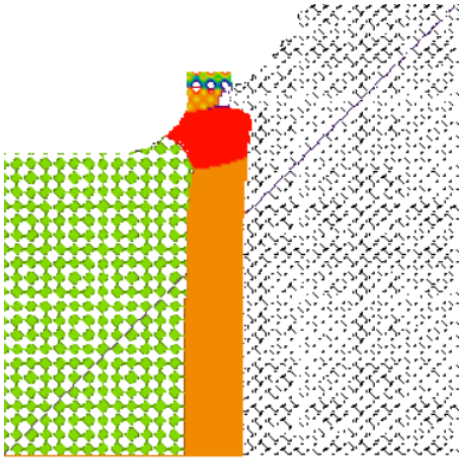
01H



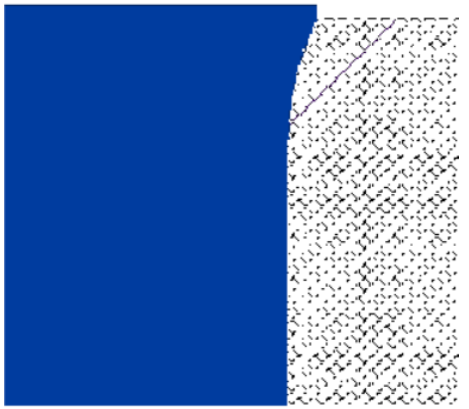
02He



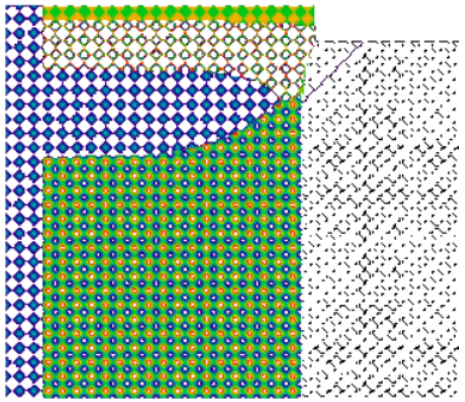
03Li



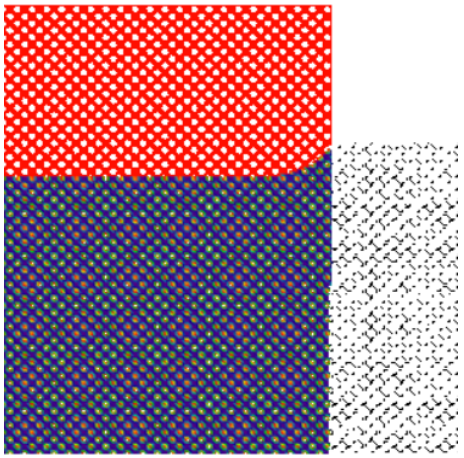
04Be



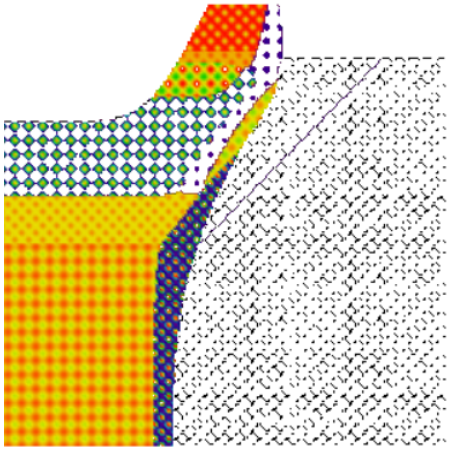
05B



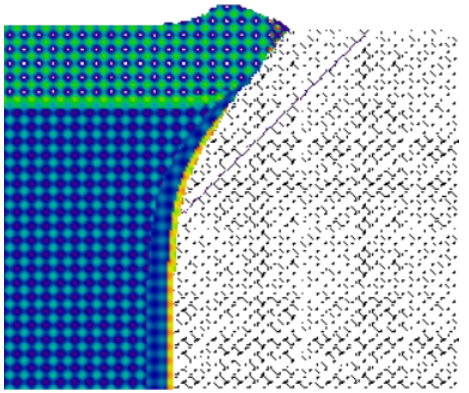
06C



07N

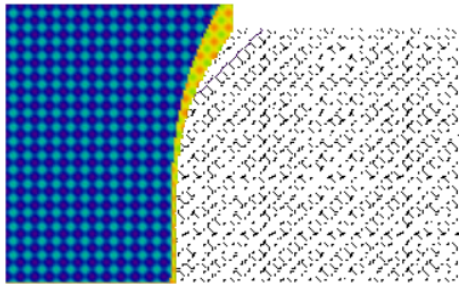


08O

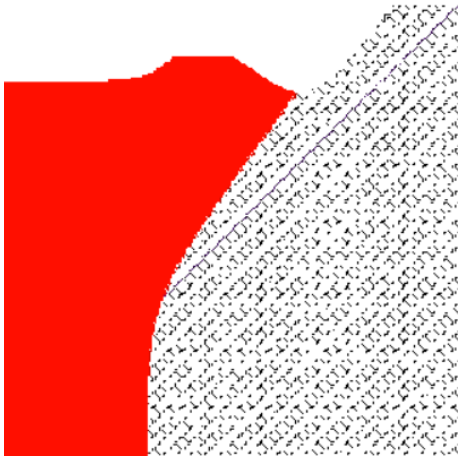


PD1-8Plot: 0.001-1000GPa, 10 - 10 000K, Ausschnitt 30 - 3000K, :

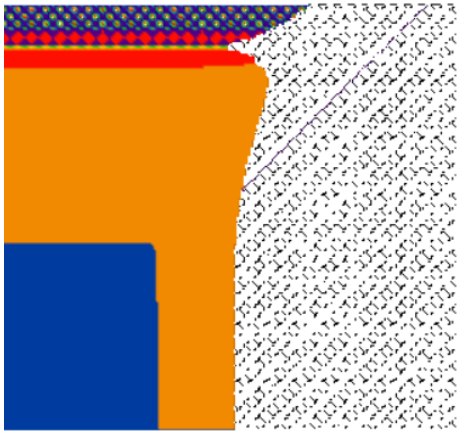
09F



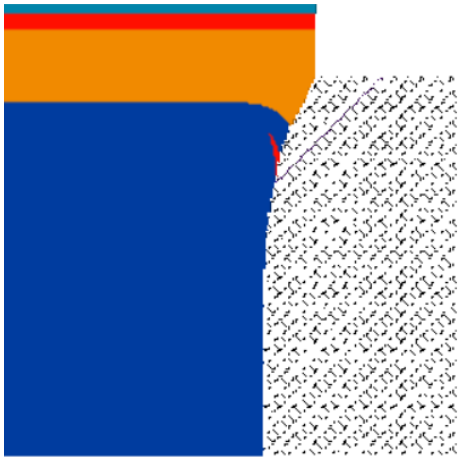
10Ne



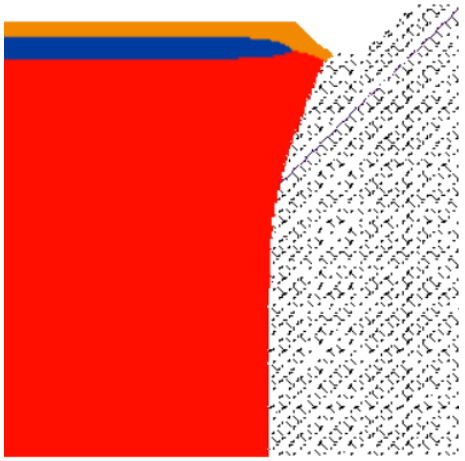
11Na



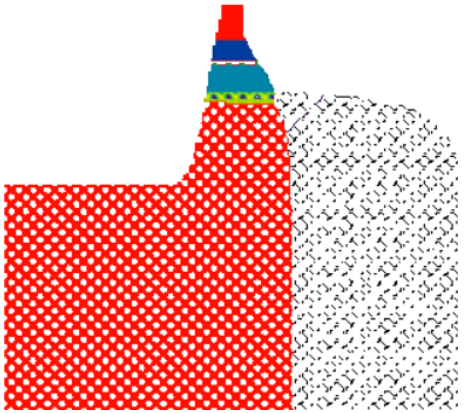
12Mg



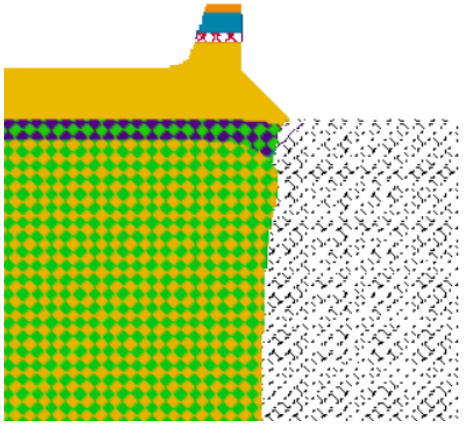
13Al



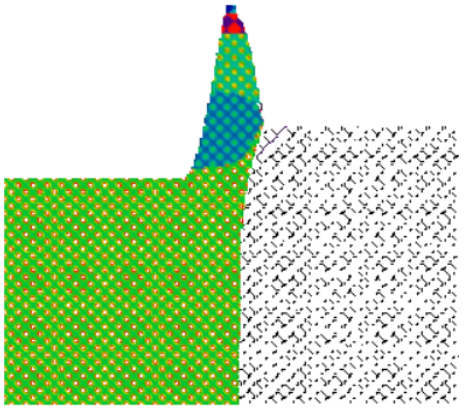
14Si



15P

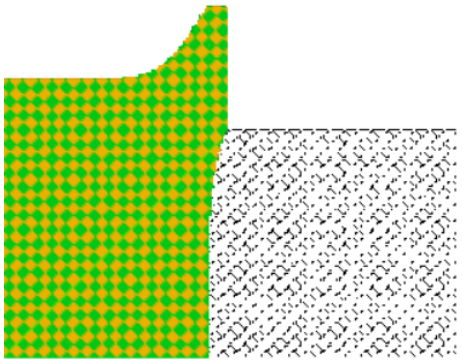


16S

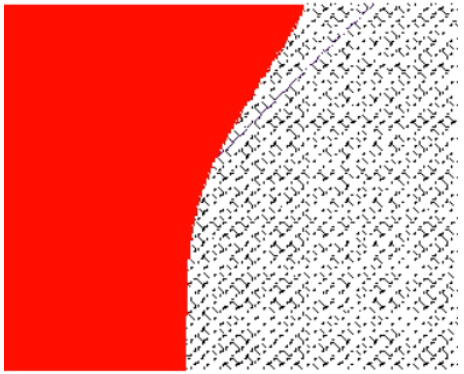


PD9-16Plot: 0.001-1000GPa, 10 - 10 000K, Ausschnitt 30 - 3000K, :

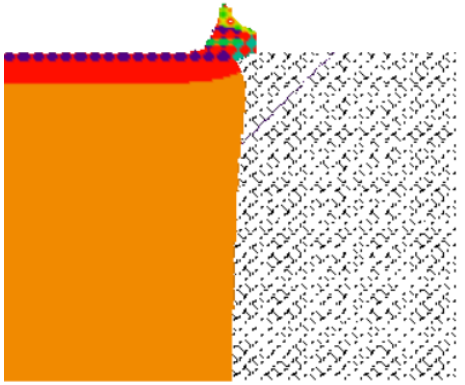
17Cl



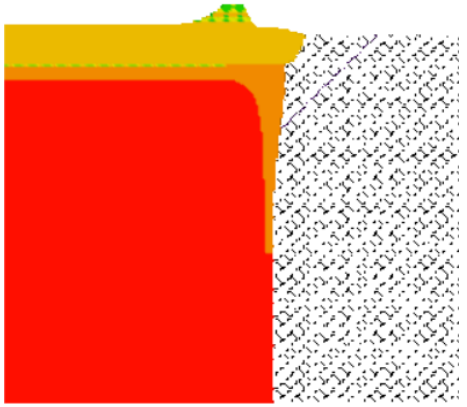
18Ar



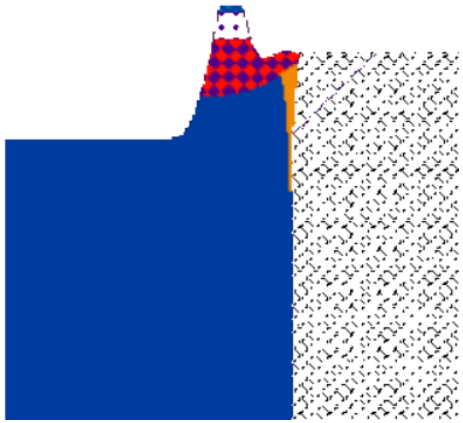
19K



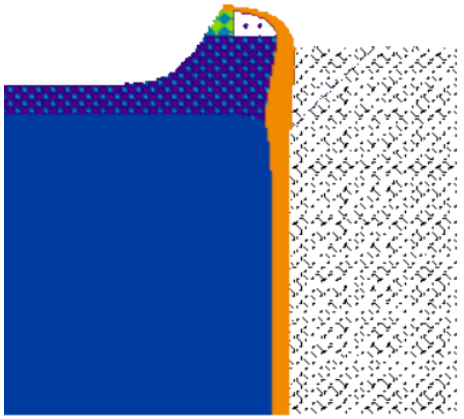
20Ca



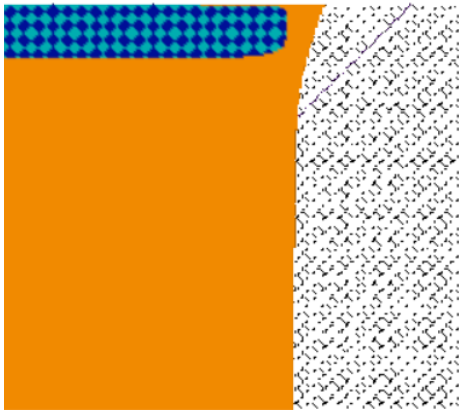
21Sc



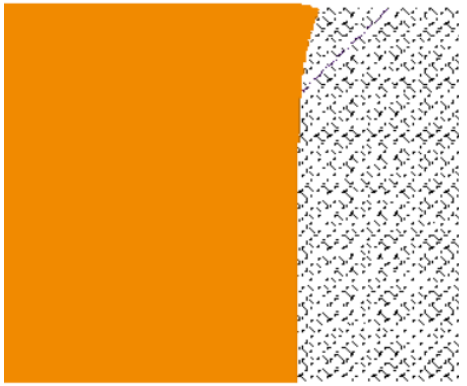
22Ti



23V

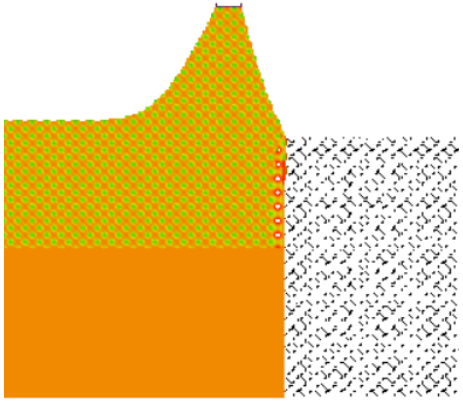


24Cr

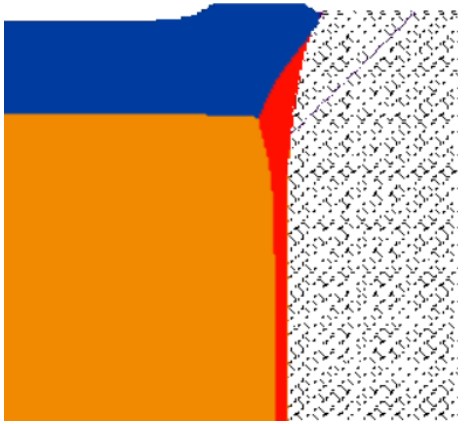


PD17-24Plot: 0.001-1000GPa, 10 - 10 000K, Ausschnitt 30 - 3000K, :

25Mn

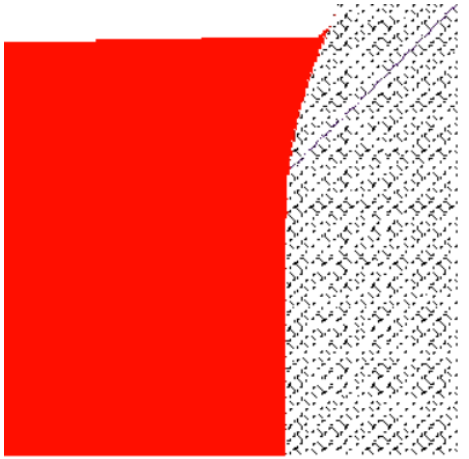


26Fe

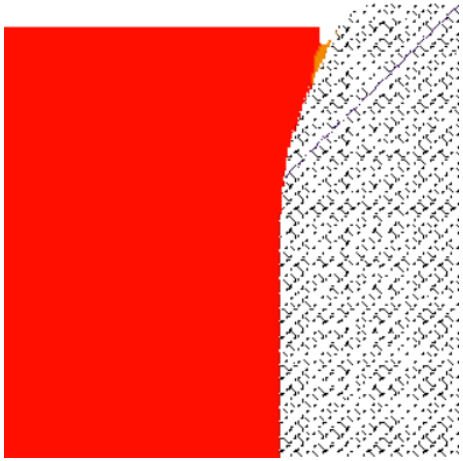


27Co

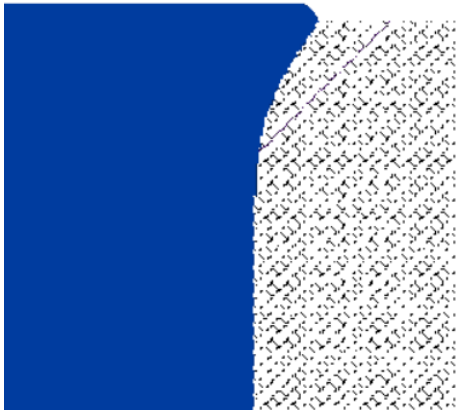
28Ni



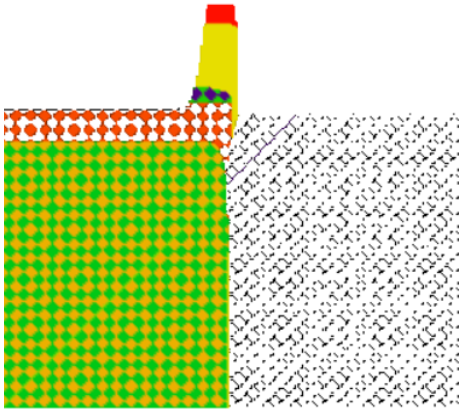
29Cu



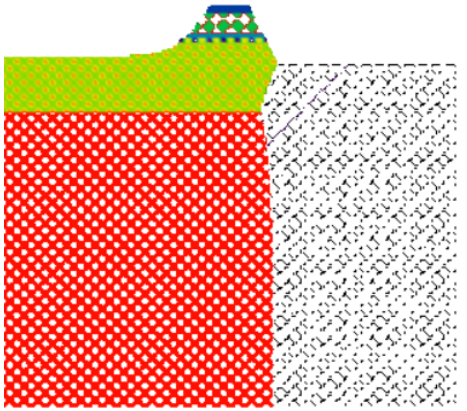
30Zn



31Ga

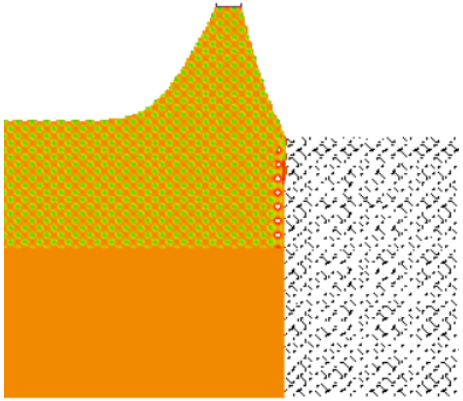


32Ge

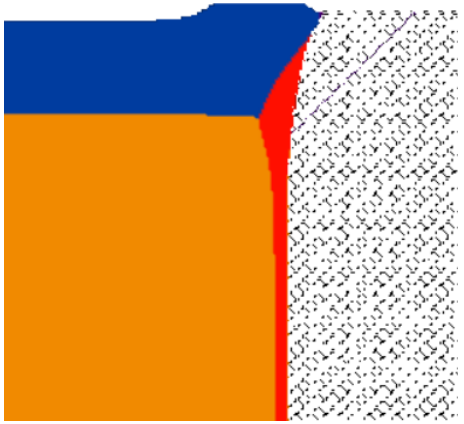


PD25-32Plot: 0.001-1000GPa, 10 - 10 000K, Ausschnitt 30 - 3000K, :

25Mn

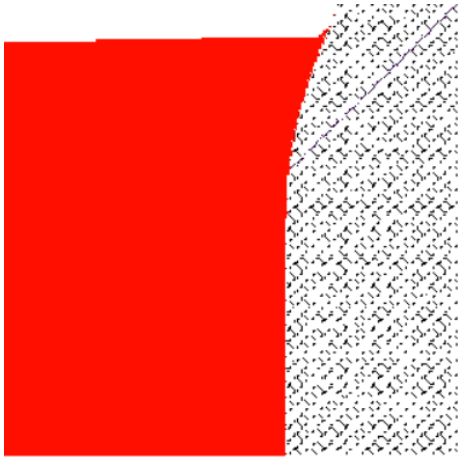


26Fe

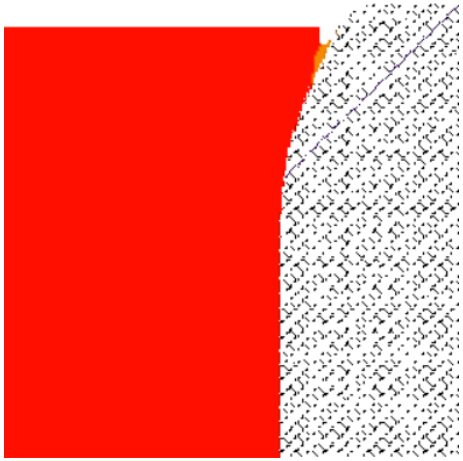


27Co

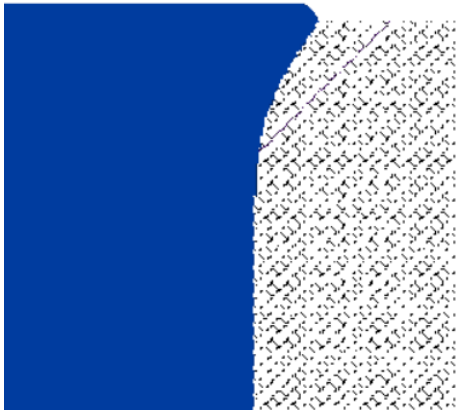
28Ni



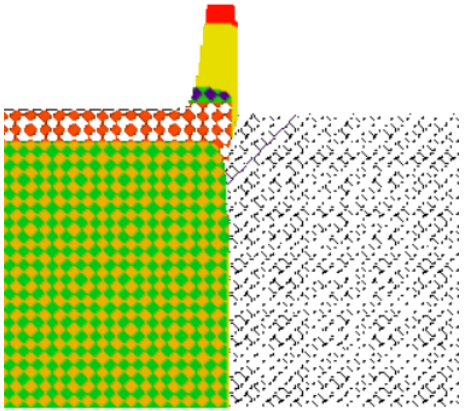
29Cu



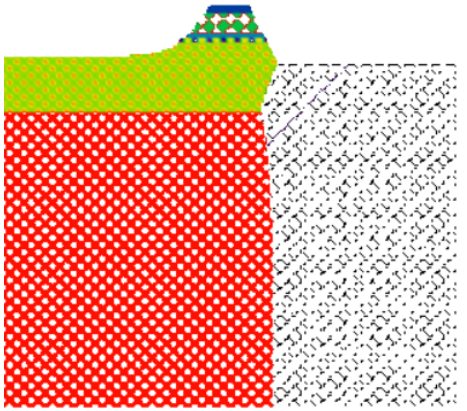
30Zn



31Ga

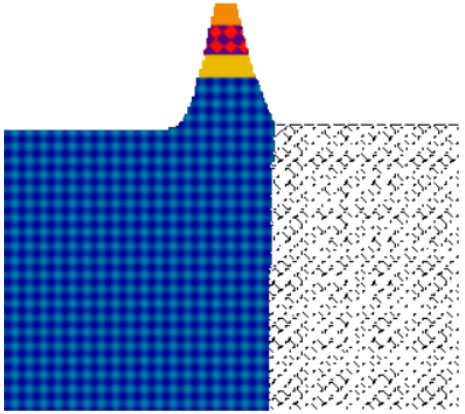


32Ge

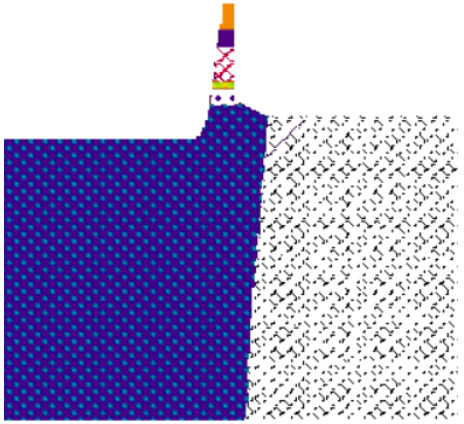


PD25-32Plot: 0.001-1000GPa, 10 - 10 000K, Ausschnitt 30 - 3000K, :

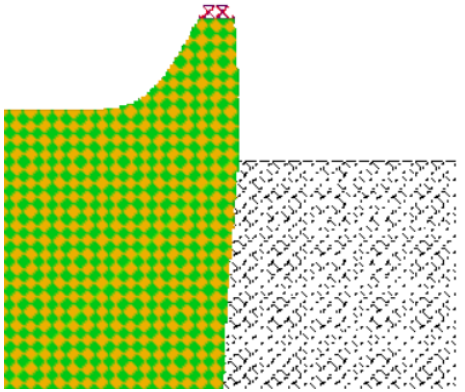
33As



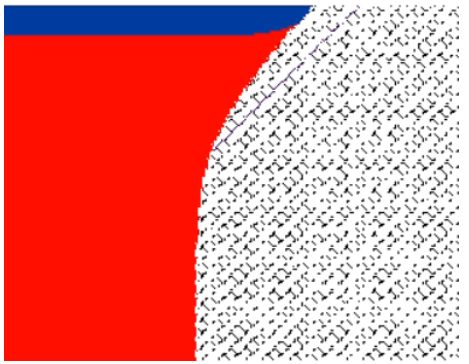
34Se



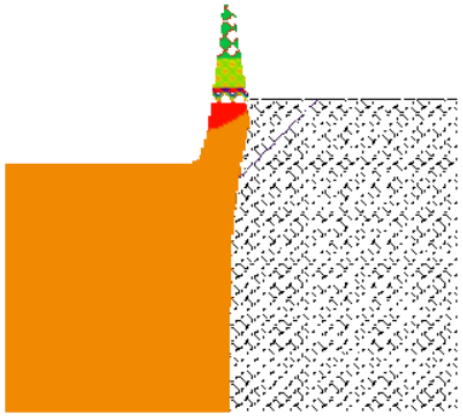
35Br



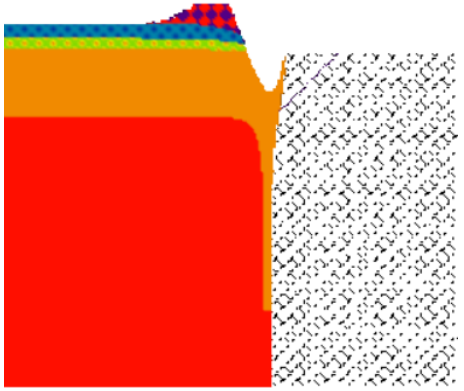
36Kr



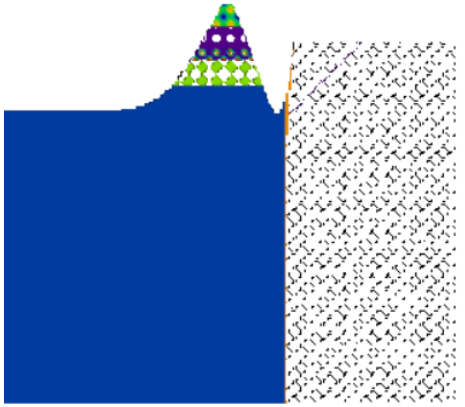
37Rb



38Sr



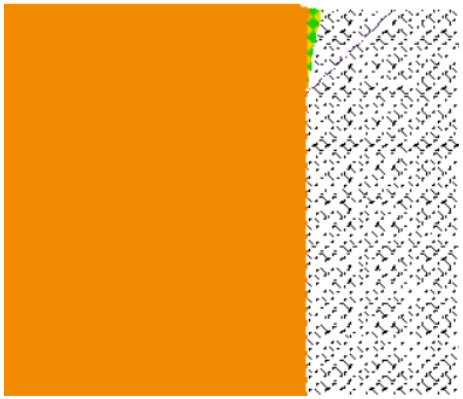
39Y



40Zr

PD33-40Plot: 0.001-1000GPa, 10 - 10 000K, Ausschnitt 30 - 3000K, :

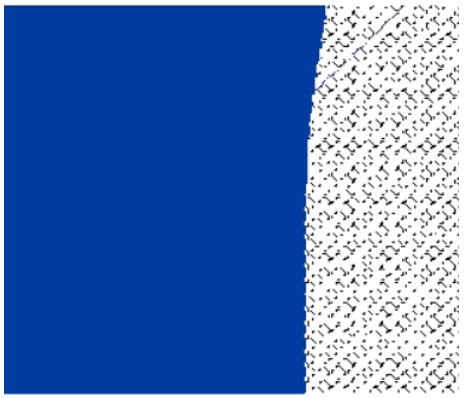
41Nb



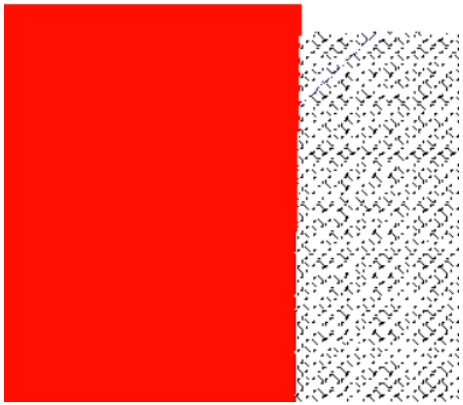
42Mo

43Tc

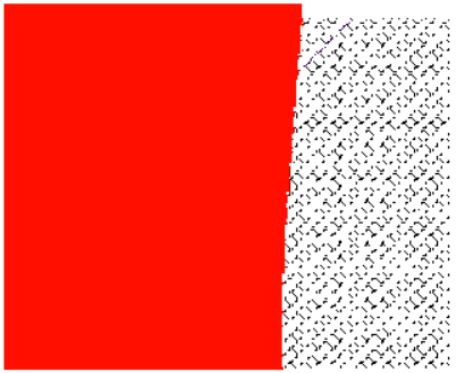
44Ru



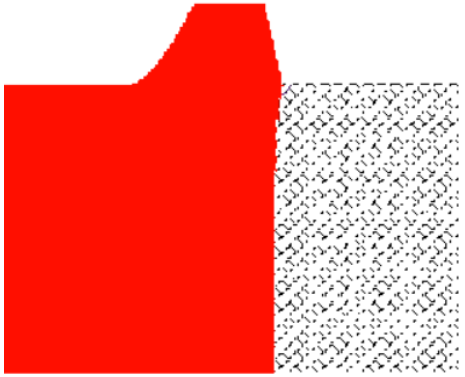
45Rh



46Pd



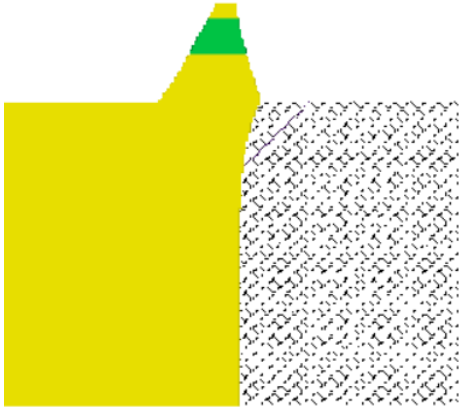
47Ag



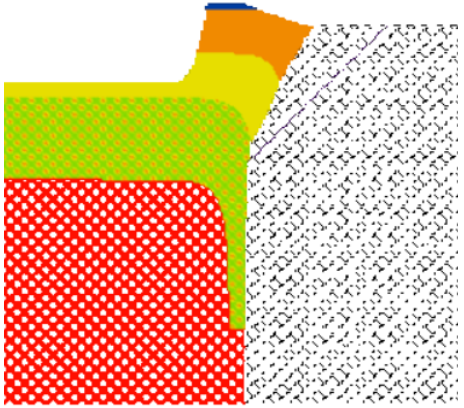
48Cd

PD41-48Plot: 0.001-1000GPa, 10 - 10 000K, Ausschnitt 30 - 3000K, :

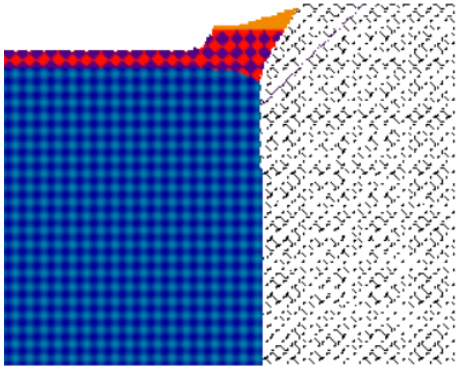
49In



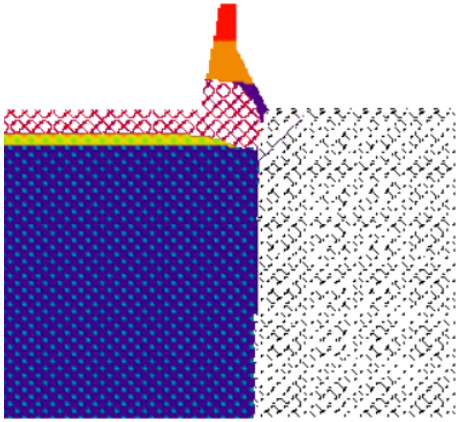
50Sn



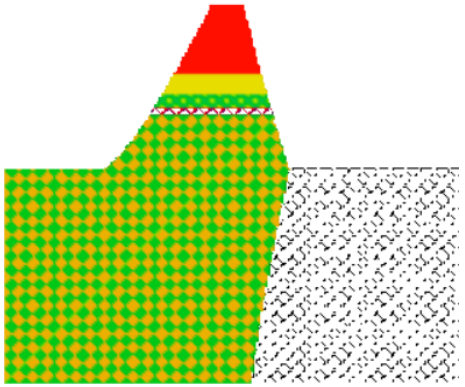
51Sb



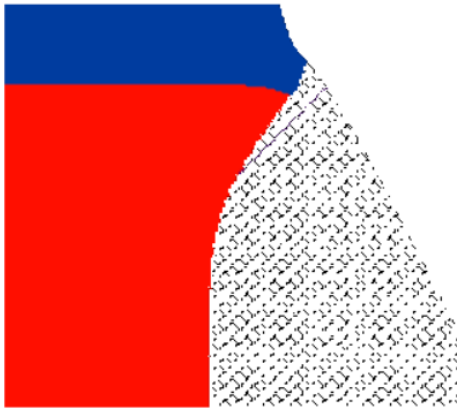
52Te



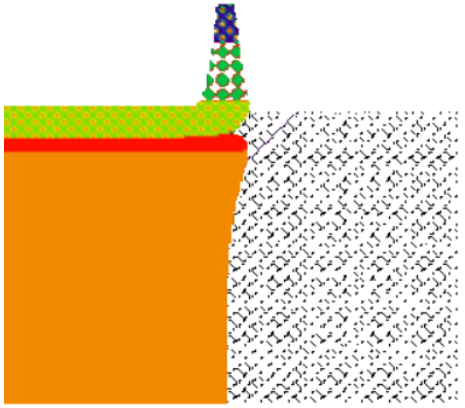
53I



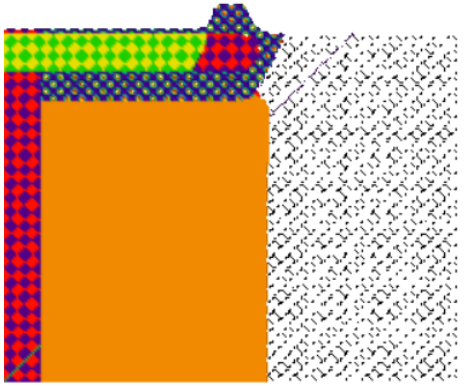
54Xe



55Cs

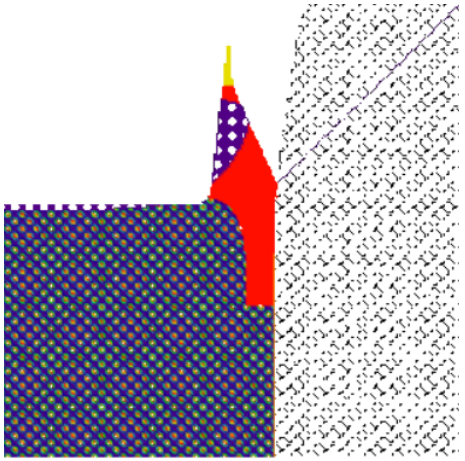


56Ba

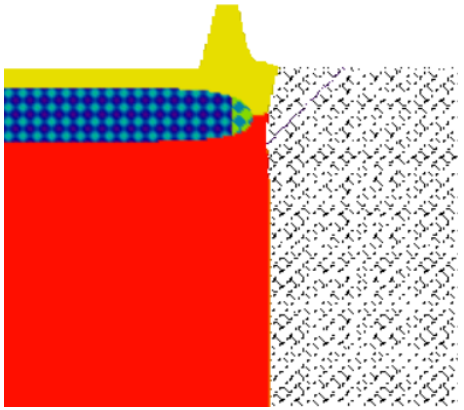


PD49-56Plot: 0.001-1000GPa, 10 - 10 000K, Ausschnitt 30 - 3000K, :

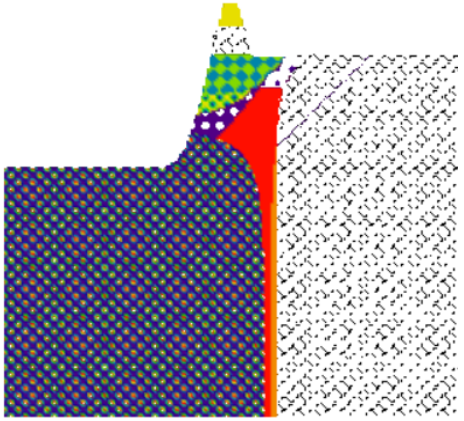
57La



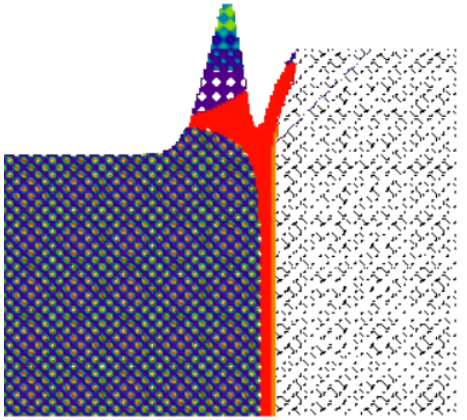
58Ce



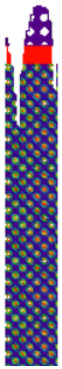
59Pr



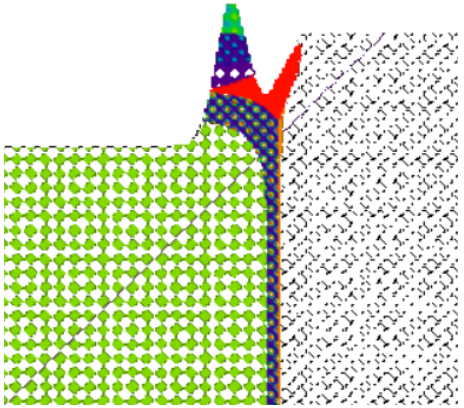
60Nd



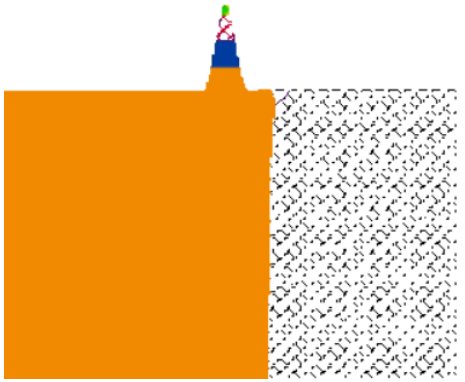
61Pm



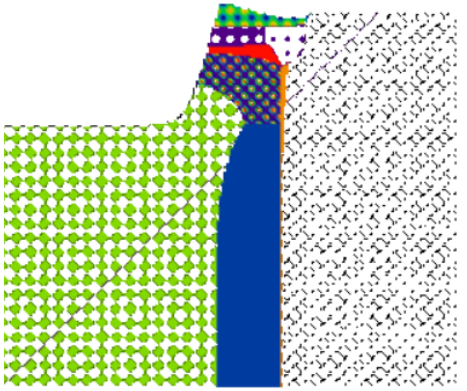
62Sm



63Eu

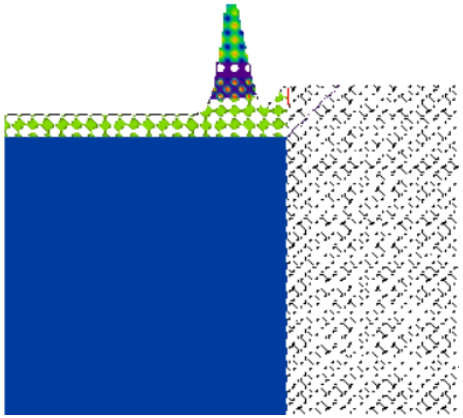


64Gd

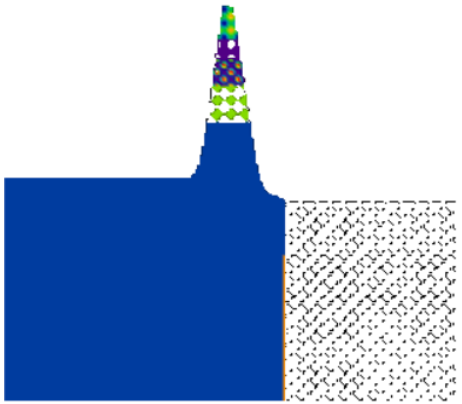


PD57-64Plot: 0.001-1000GPa, 10 - 10 000K, Ausschnitt 30 - 3000K, :

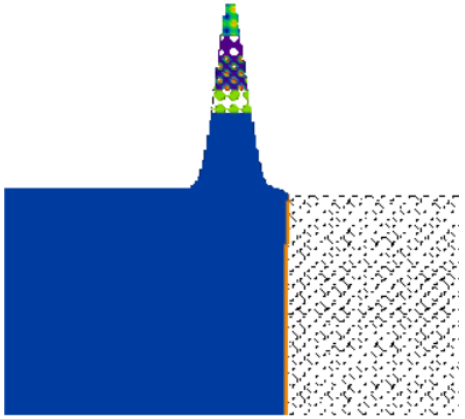
65Tb



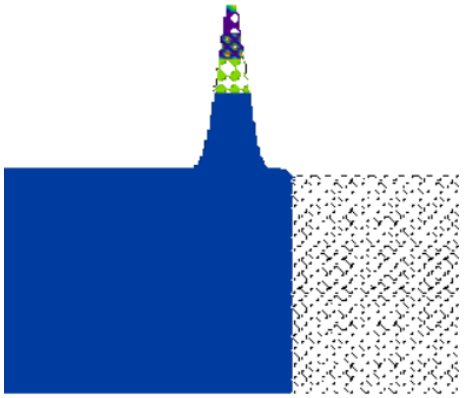
66Dy



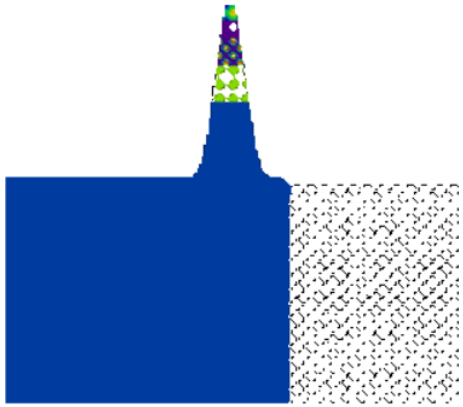
67Ho



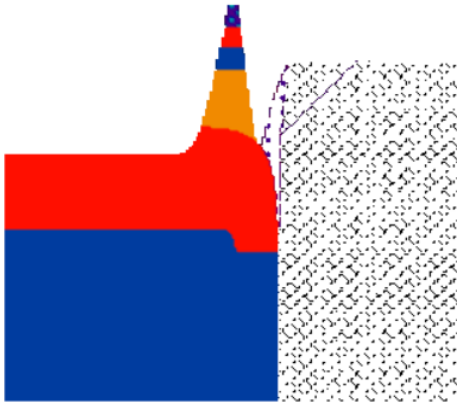
68Er



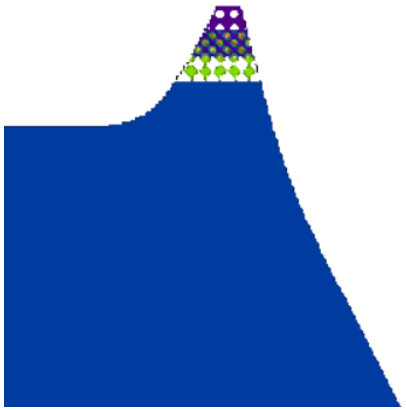
69Tm



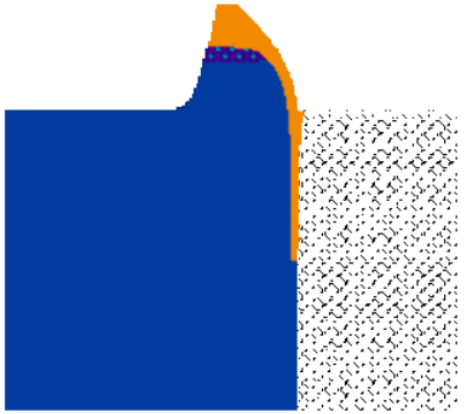
70Yb



71Lu



72Hf

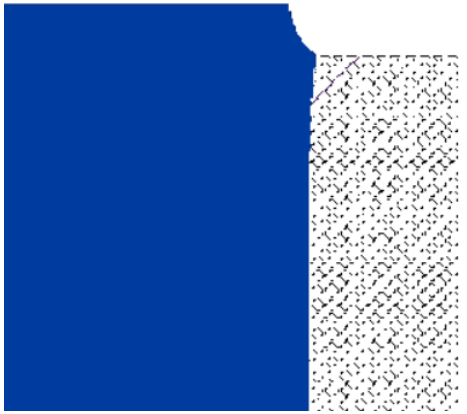


PD65-72Plot: 0.001-1000GPa, 10 - 10 000K, Ausschnitt 30 - 3000K, :

73Ta

74W

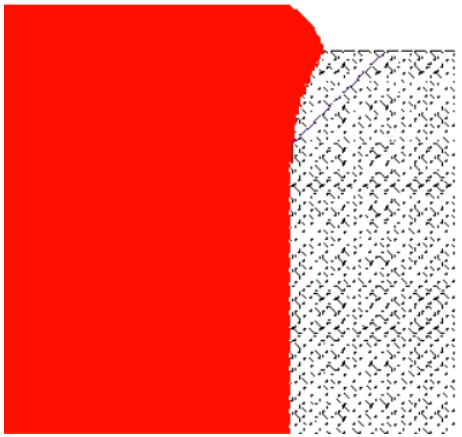
75Re



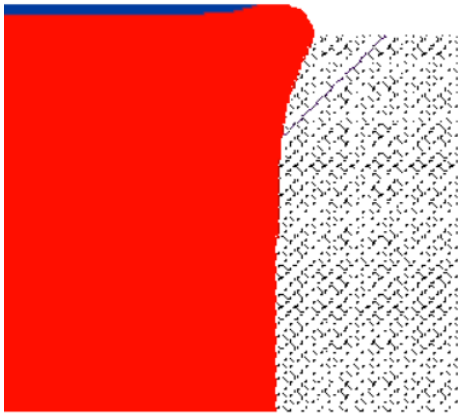
76Os

77Ir

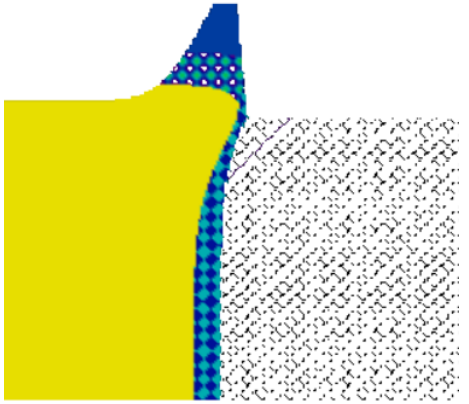
78Pt



79Au

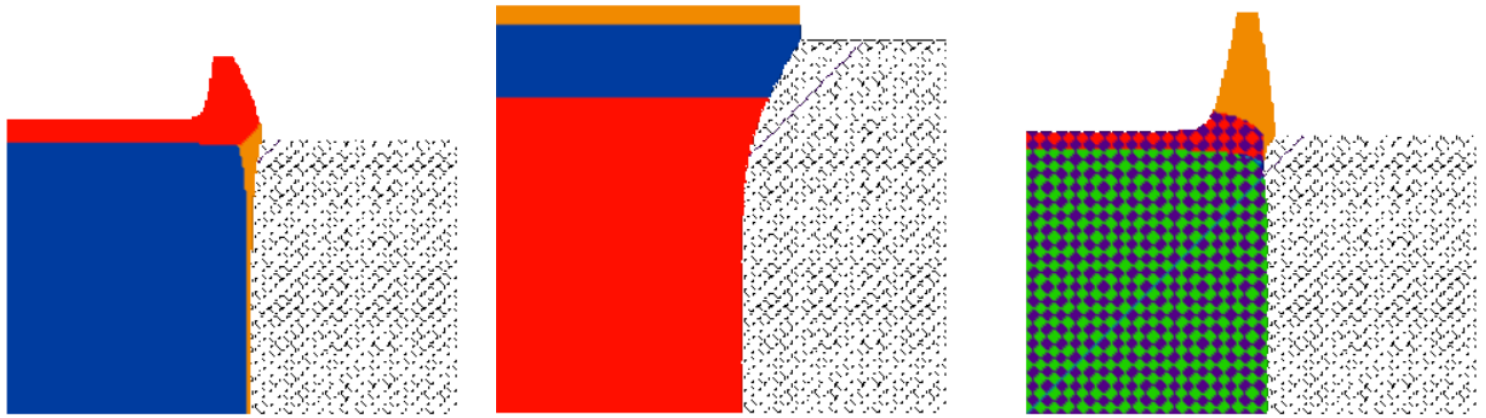


80Hg



PD73-80Plot: 0.001-1000GPa, 10 - 10 000K, Ausschnitt 30 - 3000K, :

81Tl 82Pb 83Bi



PD81-83Plot: 0.001-1000GPa, 10 - 10 000K, Ausschnitt 30 - 3000K, :