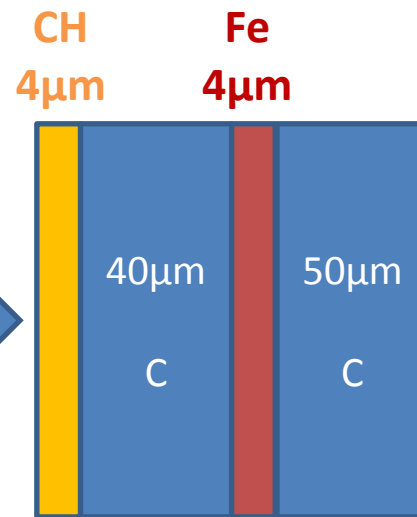
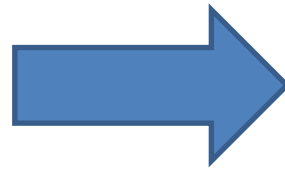
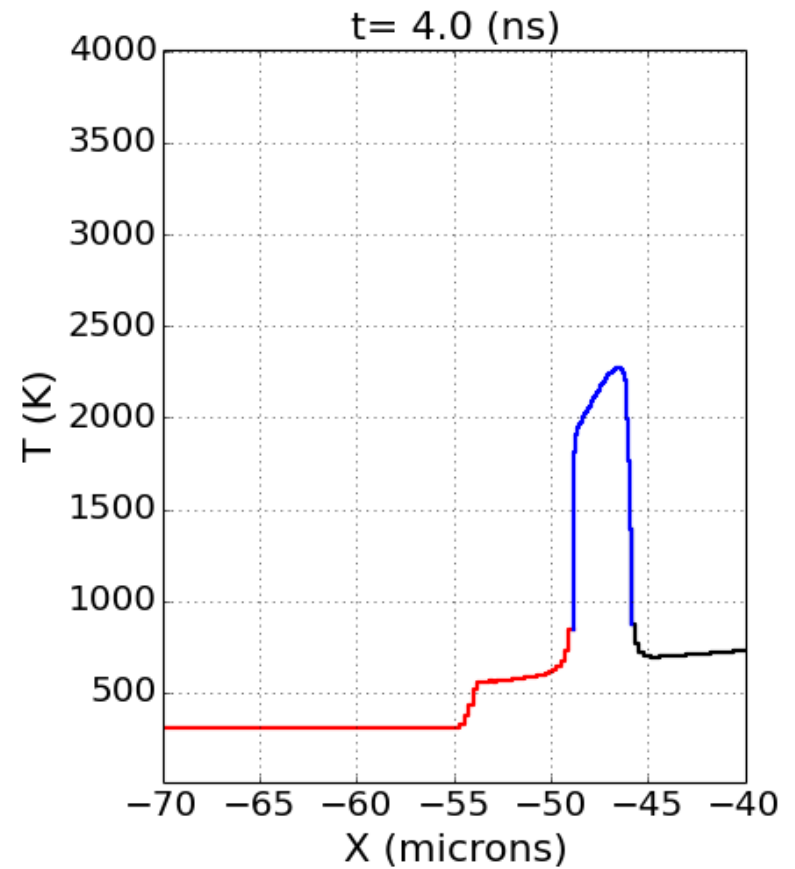
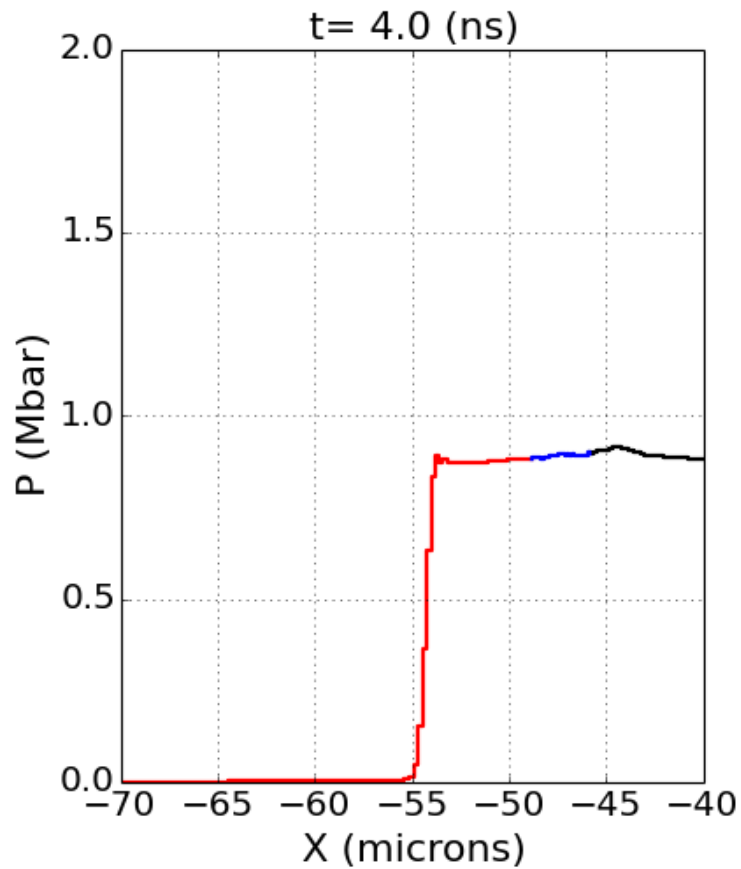


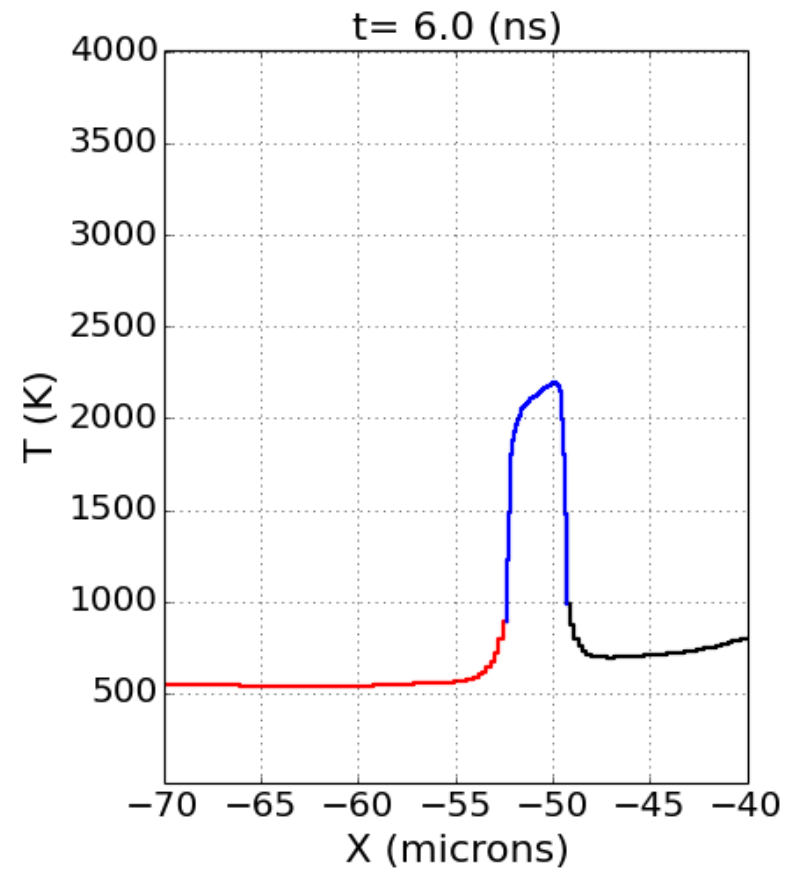
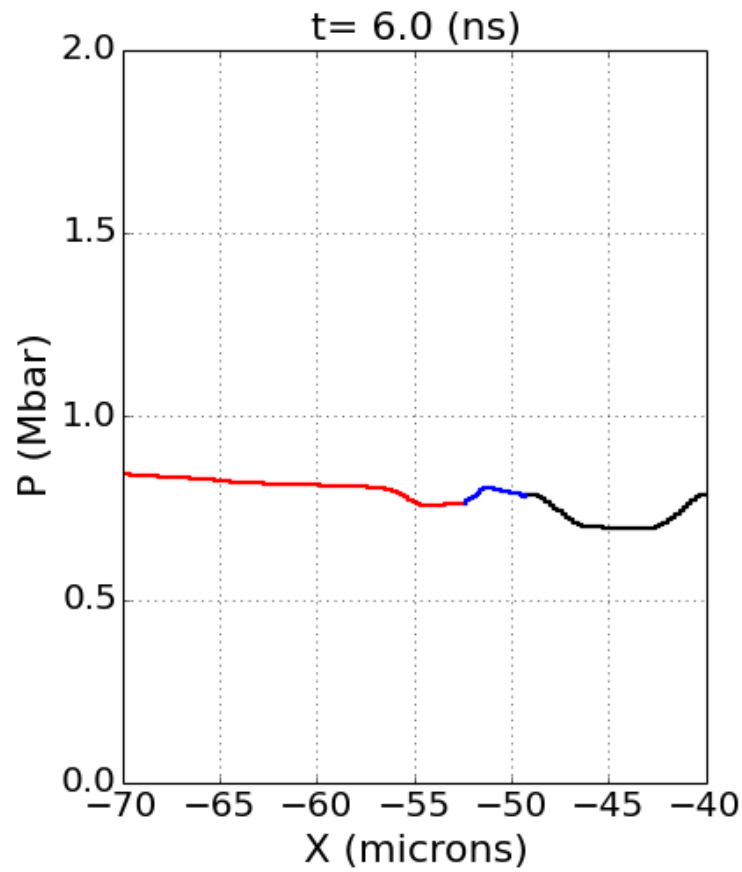
1053nm
35J-10ns
 $\phi=300\mu\text{m}$
 $I=5\times 10^{12}\text{ W/cm}^2$



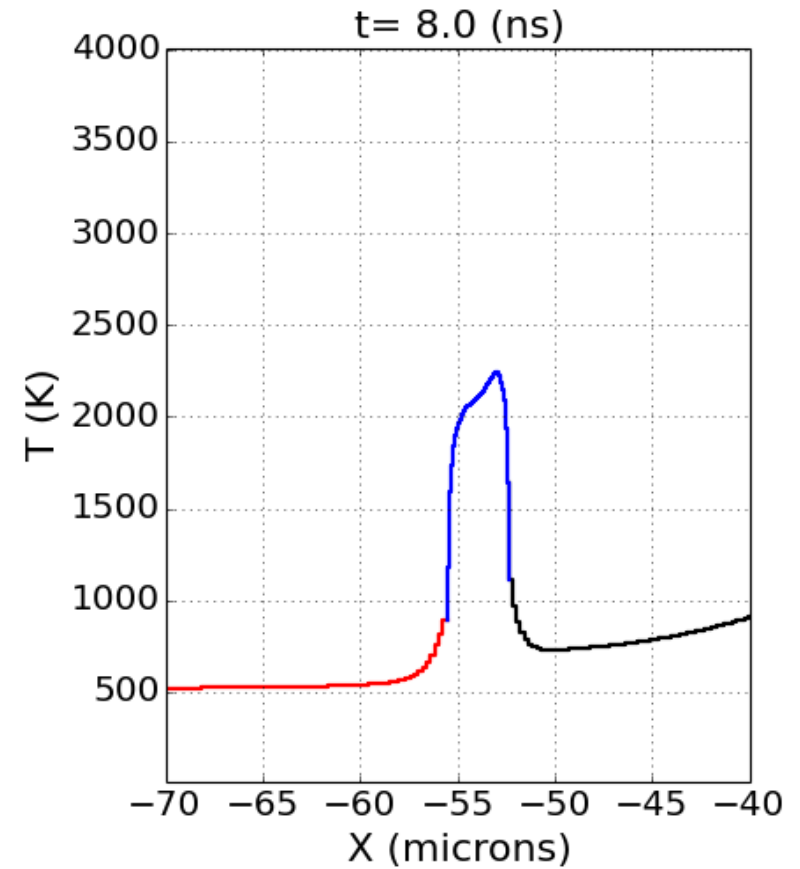
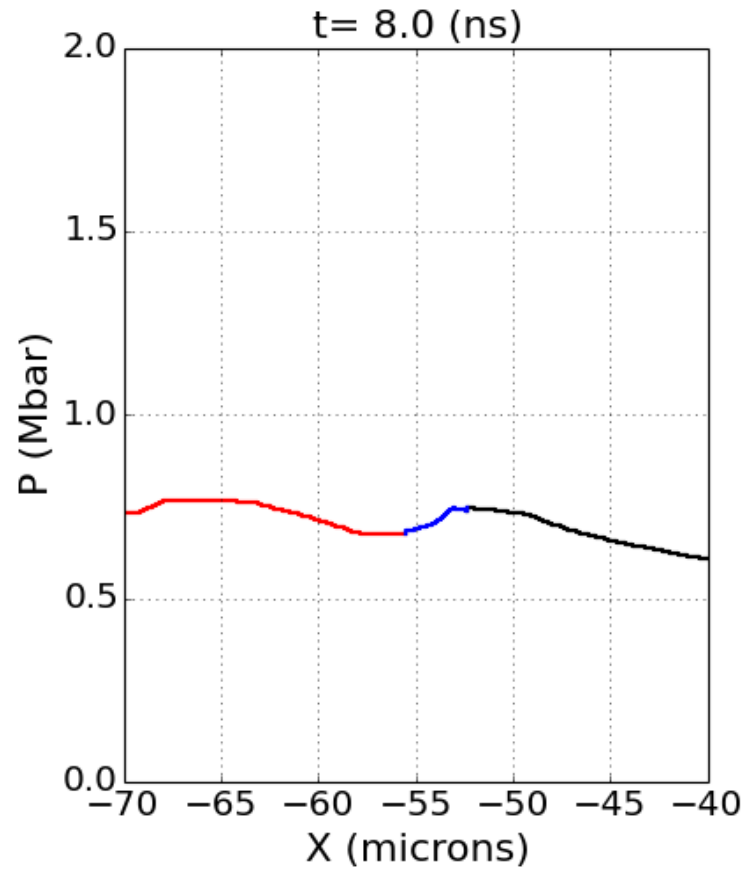
- $\lambda=1053$ nm – $\tau=10$ ns – $\phi=300$ μm – $I=5$ TW/cm²
- CH(4 μm) - Diamond (40 μm) – Iron(4 μm) – Diamond (50 μm)
- EOS SESAME 2150



- $\lambda=1053$ nm – $\tau=10$ ns – $\phi=300$ μm – $I=5$ TW/cm²
- CH(4 μm) - Diamond (40 μm) – Iron(4 μm) – Diamond (50 μm)
- EOS SESAME 2150

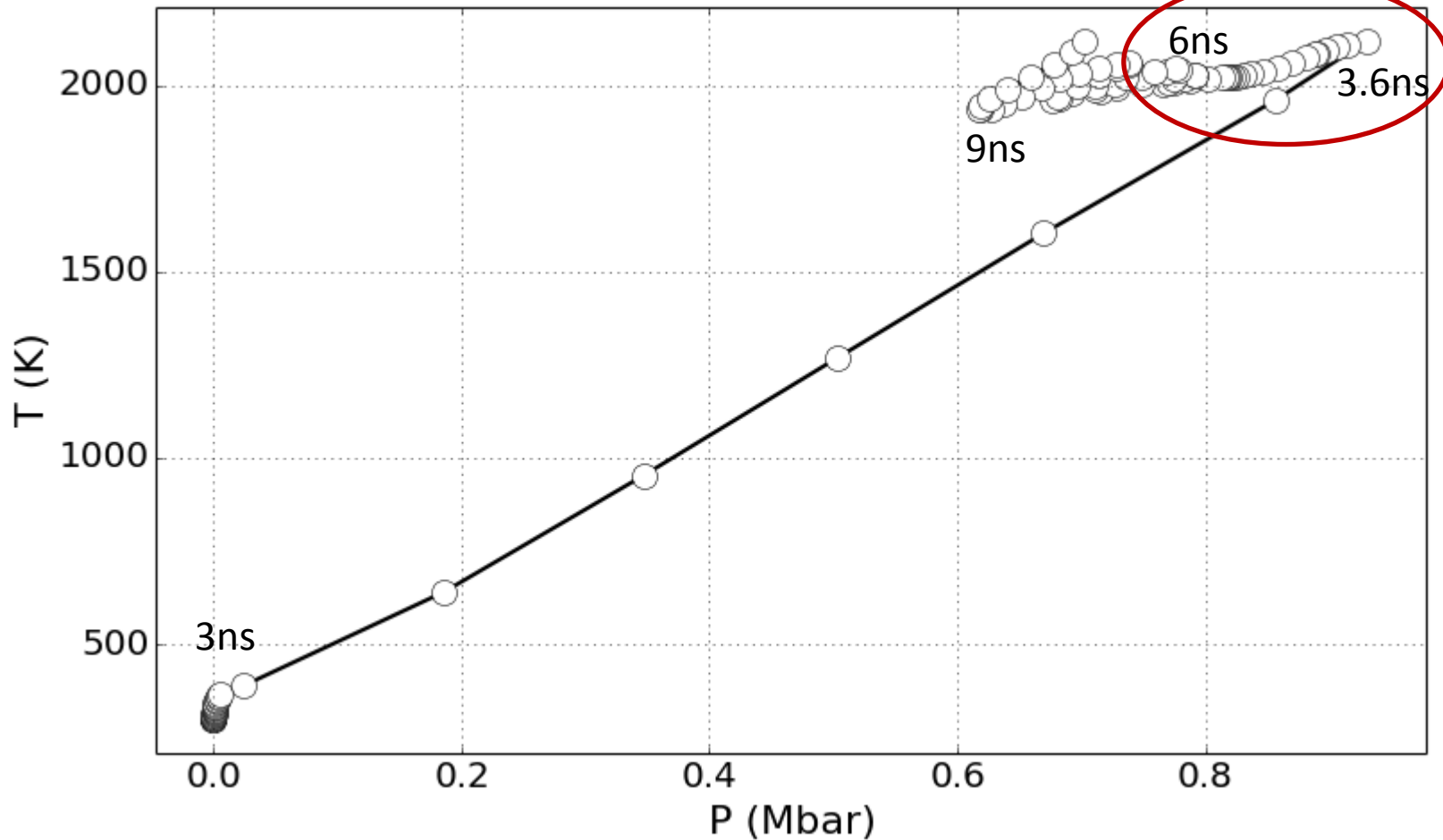


- $\lambda=1053$ nm – $\tau=10$ ns – $\phi=300$ μm – $I=5$ TW/cm²
- CH(4 μm) - Diamond (40 μm) – Iron(4 μm) – Diamond (50 μm)
- EOS SESAME 2150

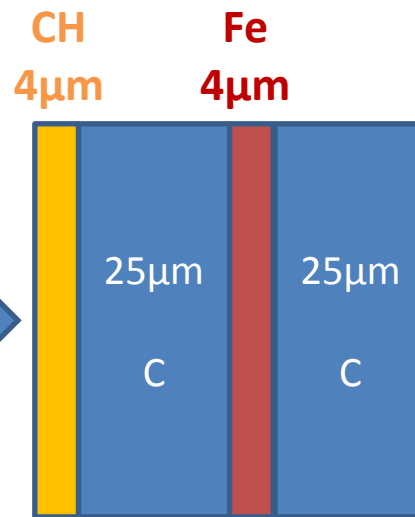
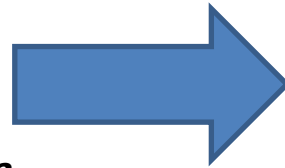


- $\lambda=1053 \text{ nm} - \tau=10 \text{ ns} - \phi=300 \mu\text{m} - I=5 \text{ TW}/\text{cm}^2$
- CH($4\mu\text{m}$) - Diamond ($40\mu\text{m}$) - Iron($4\mu\text{m}$) - Diamond ($50\mu\text{m}$)
- EOS SESAME 2150

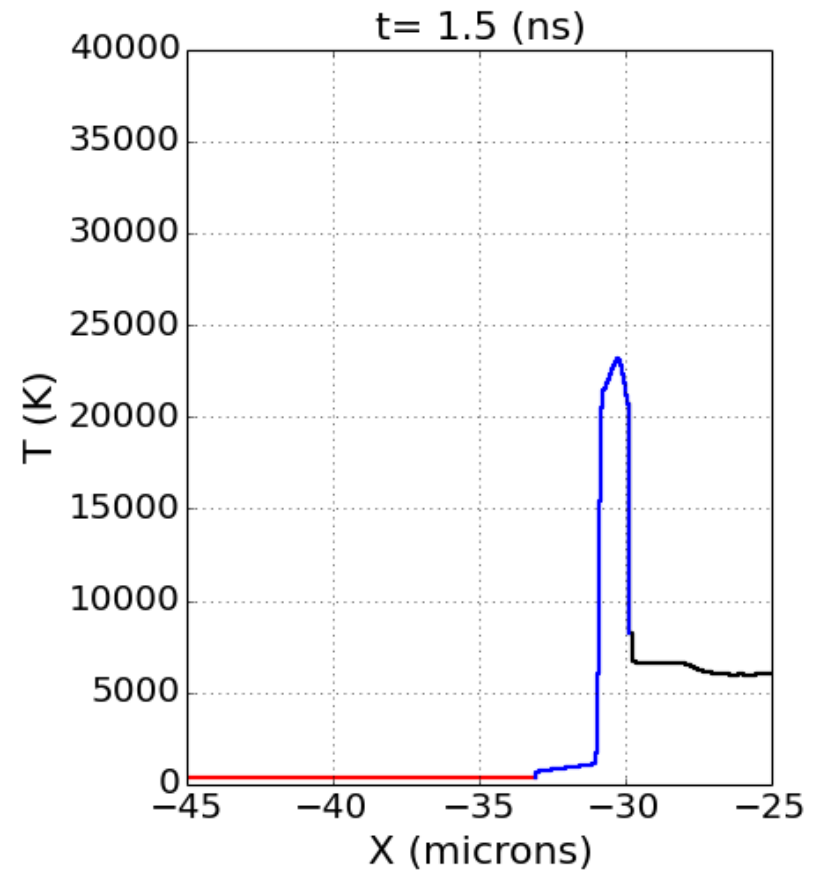
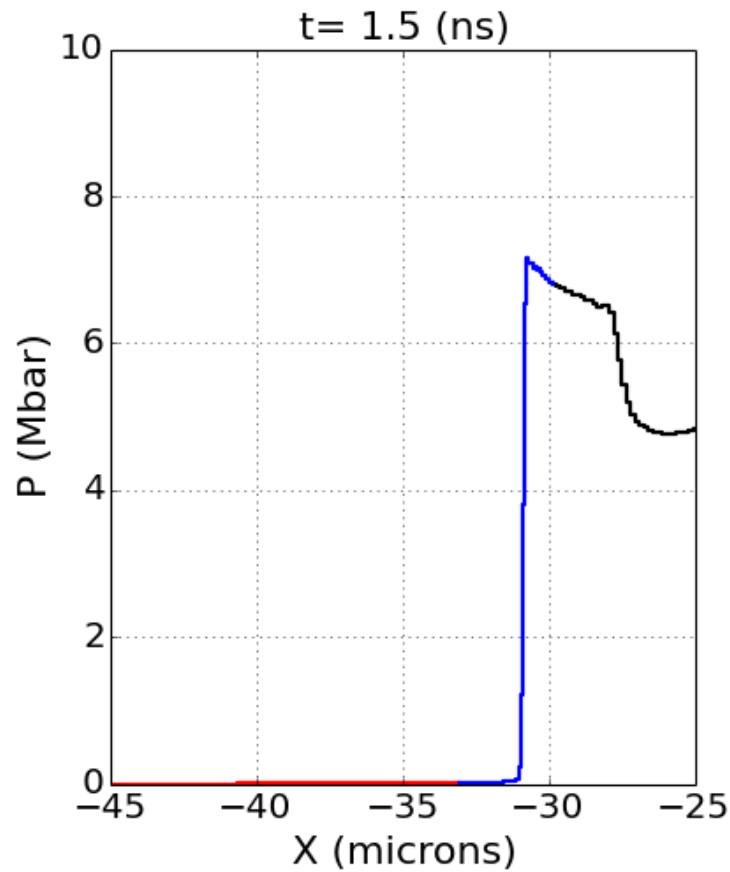
thermodynamic path in iron (mean)



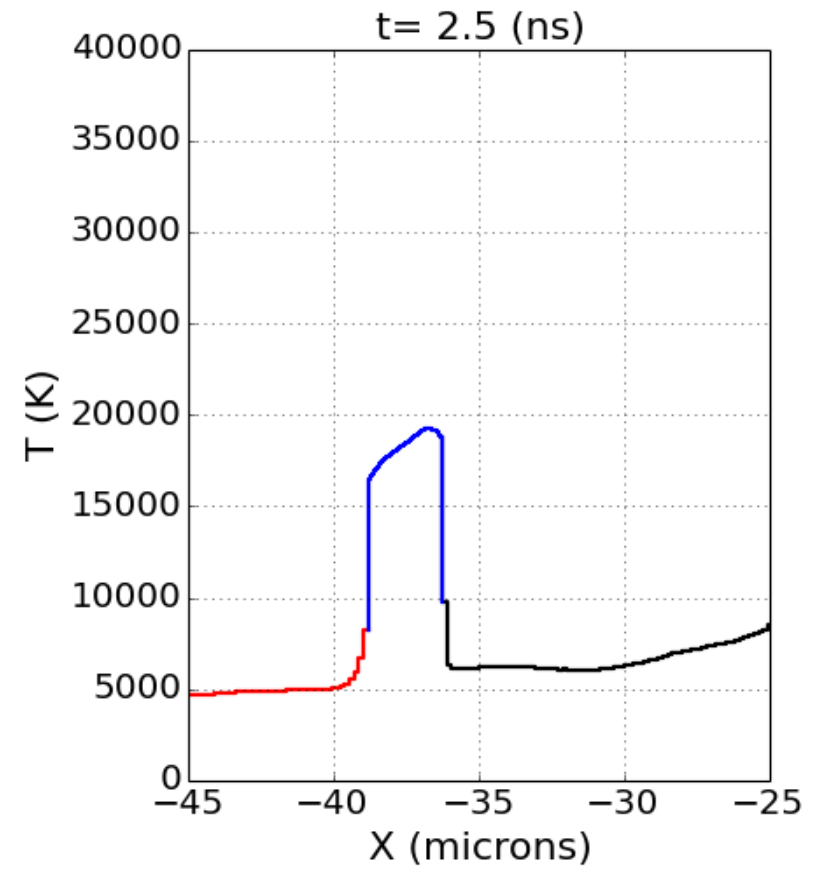
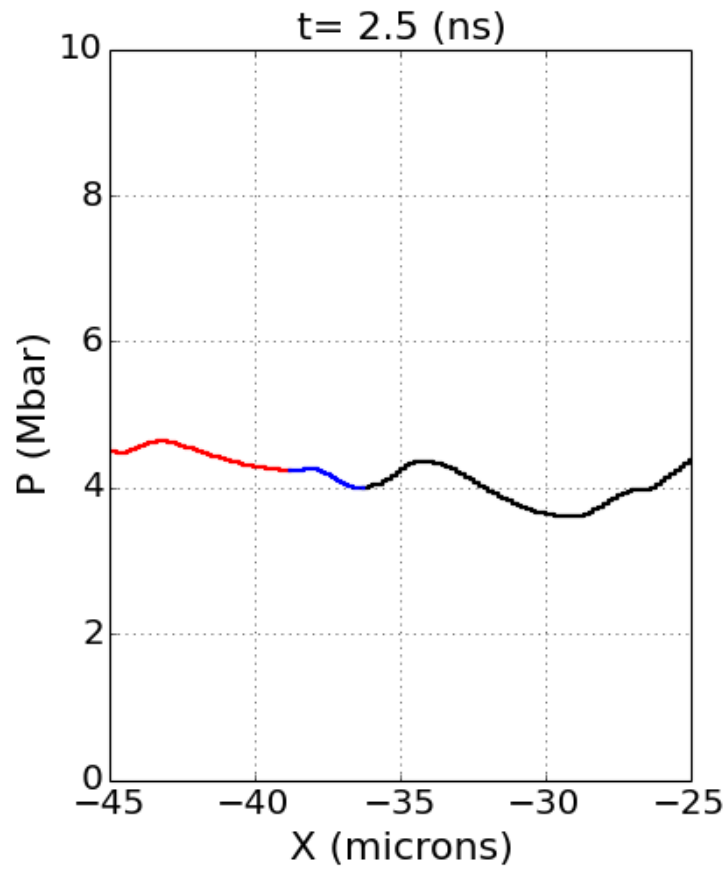
1053nm
35J-10ns
 $\phi=100\mu\text{m}$
 $I=45\times 10^{12}\text{ W/cm}^2$



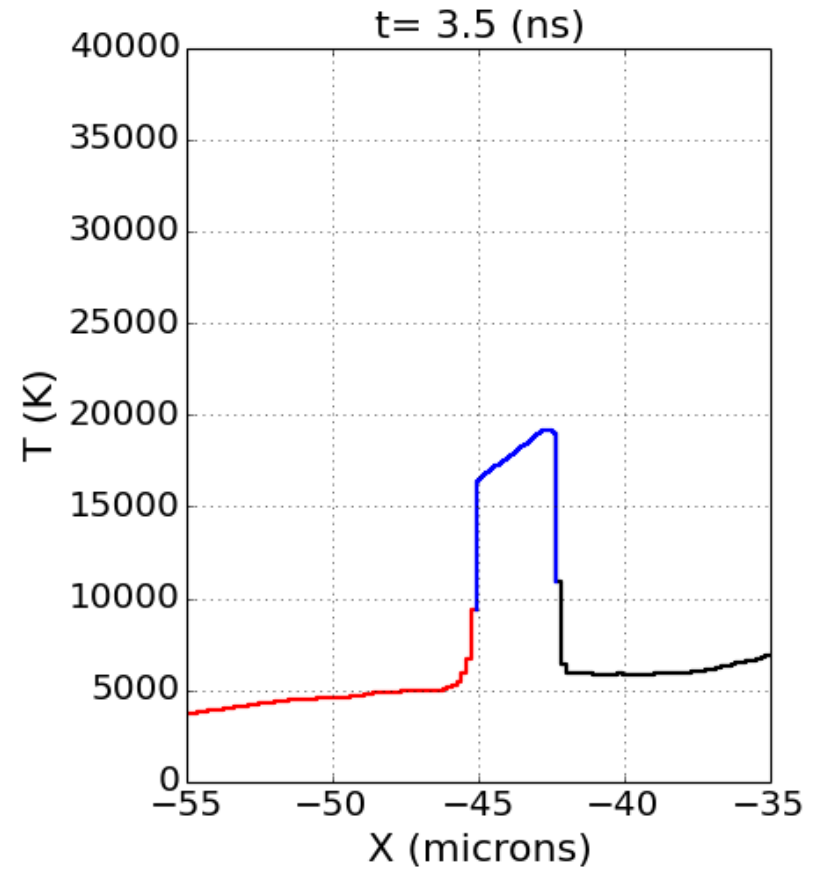
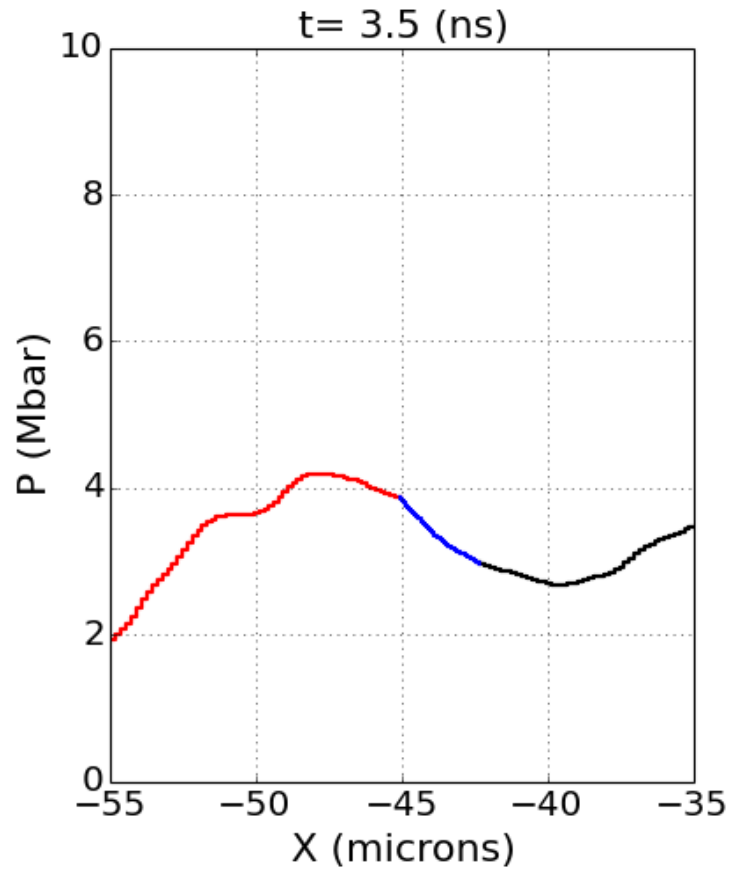
- $\lambda=1053$ nm – $\tau=10$ ns – $\phi=100$ μm – $I=45$ TW/cm²
- CH(4 μm) - Diamond (25 μm) – Iron(4 μm) – Diamond (25 μm)
- EOS SESAME 2150



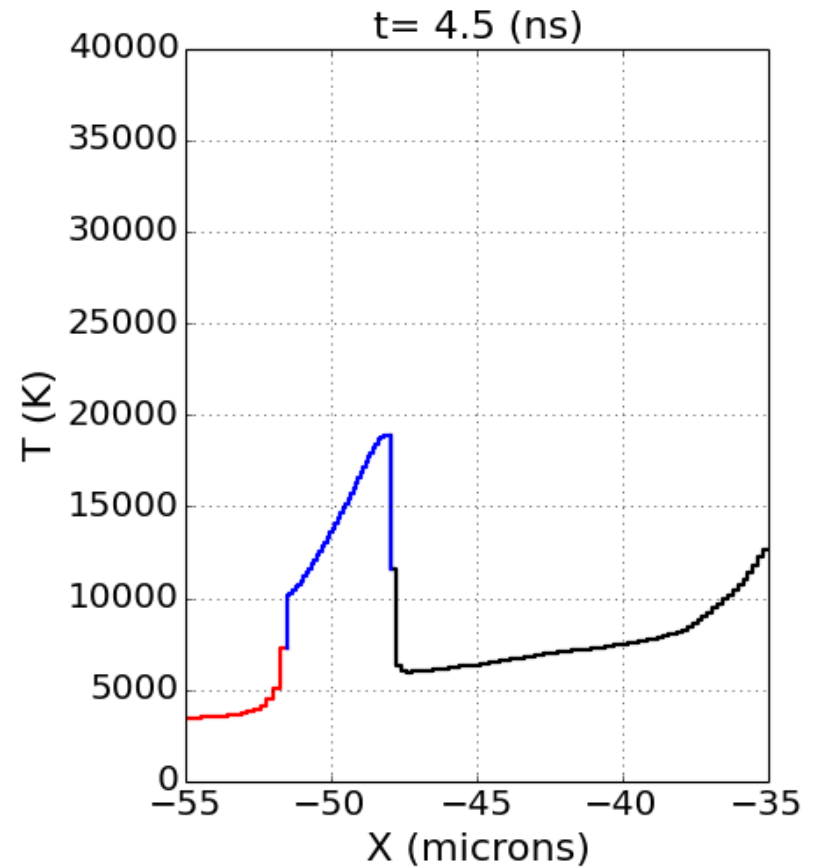
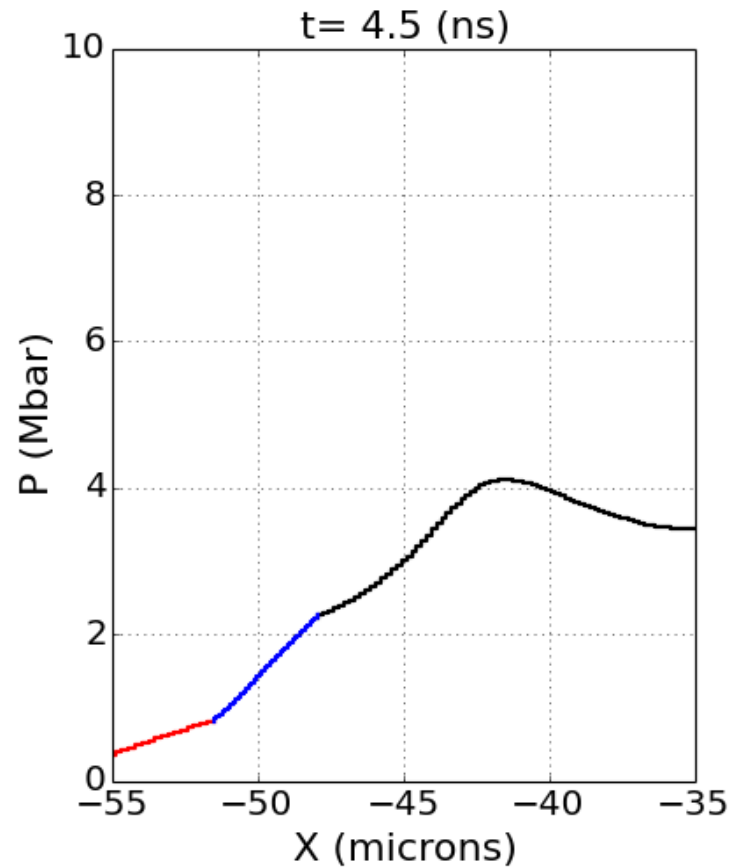
- $\lambda=1053 \text{ nm} - \tau=10 \text{ ns} - \phi=100 \text{ }\mu\text{m} - I=45 \text{ TW/cm}^2$
- CH(4 μm) - Diamond (25 μm) - Iron(4 μm) - Diamond (25 μm)
- EOS SESAME 2150



- $\lambda=1053$ nm – $\tau=10$ ns – $\phi=100$ μm – $I=45$ TW/cm²
- CH(4 μm) - Diamond (25 μm) – Iron(4 μm) – Diamond (25 μm)
- EOS SESAME 2150

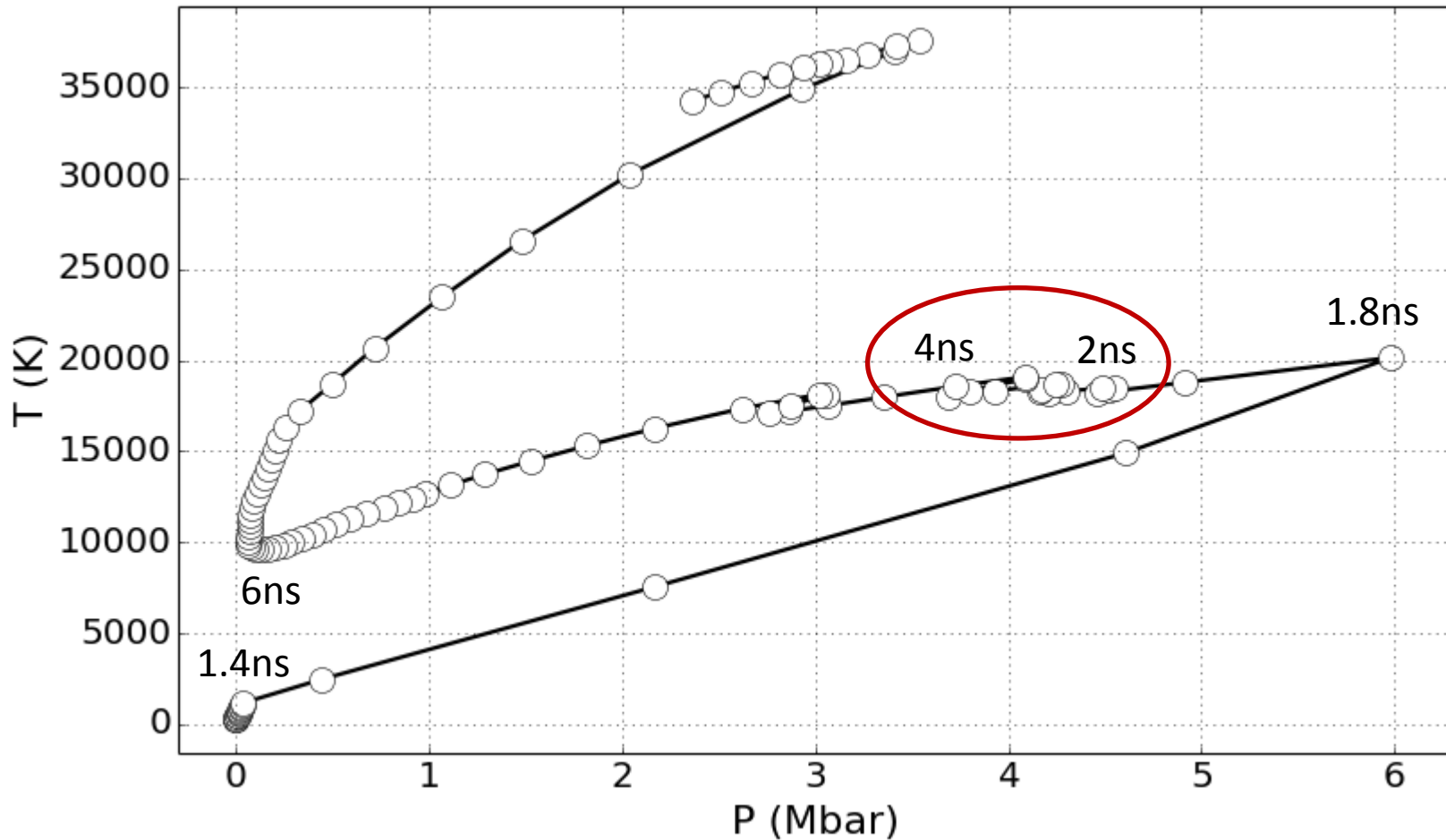


- $\lambda=1053 \text{ nm} - \tau=10 \text{ ns} - \phi=100 \text{ }\mu\text{m} - I=45 \text{ TW/cm}^2$
- CH(4 μm) - Diamond (25 μm) - Iron(4 μm) - Diamond (25 μm)
- EOS SESAME 2150

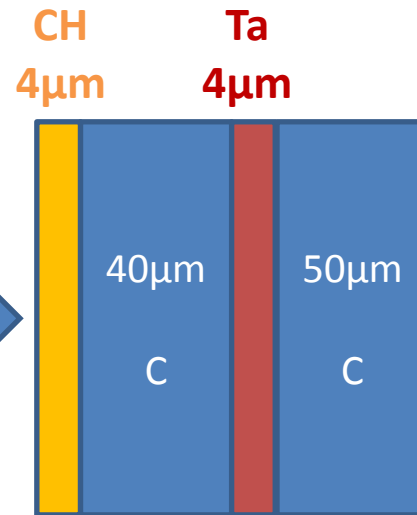
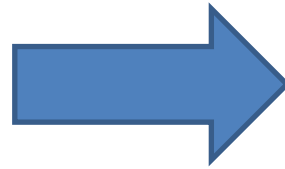


- $\lambda=1053 \text{ nm} - \tau=10 \text{ ns} - \phi=100 \text{ }\mu\text{m} - I=45 \text{ TW/cm}^2$
- CH(4 μm) - Diamond (25 μm) - Iron(4 μm) - Diamond (25 μm)
- EOS SESAME 2150

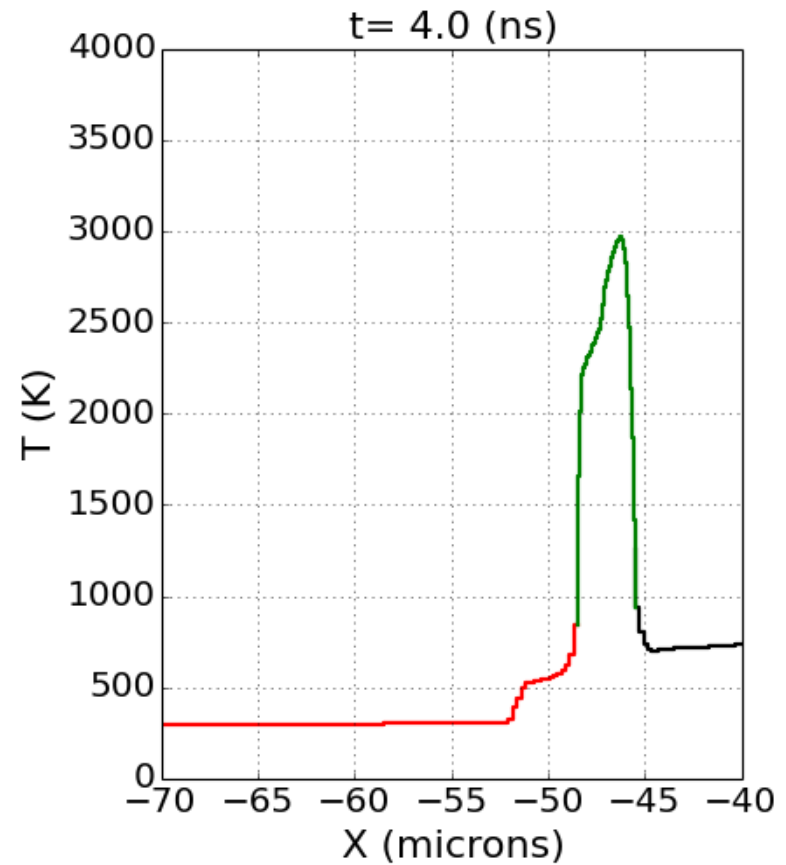
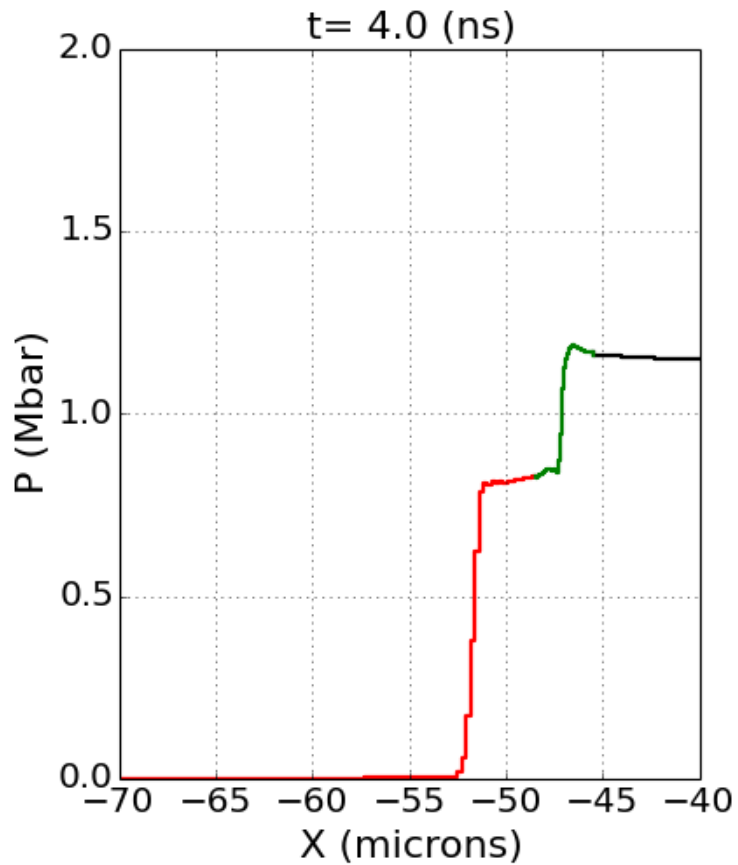
thermodynamic path in iron (mean)



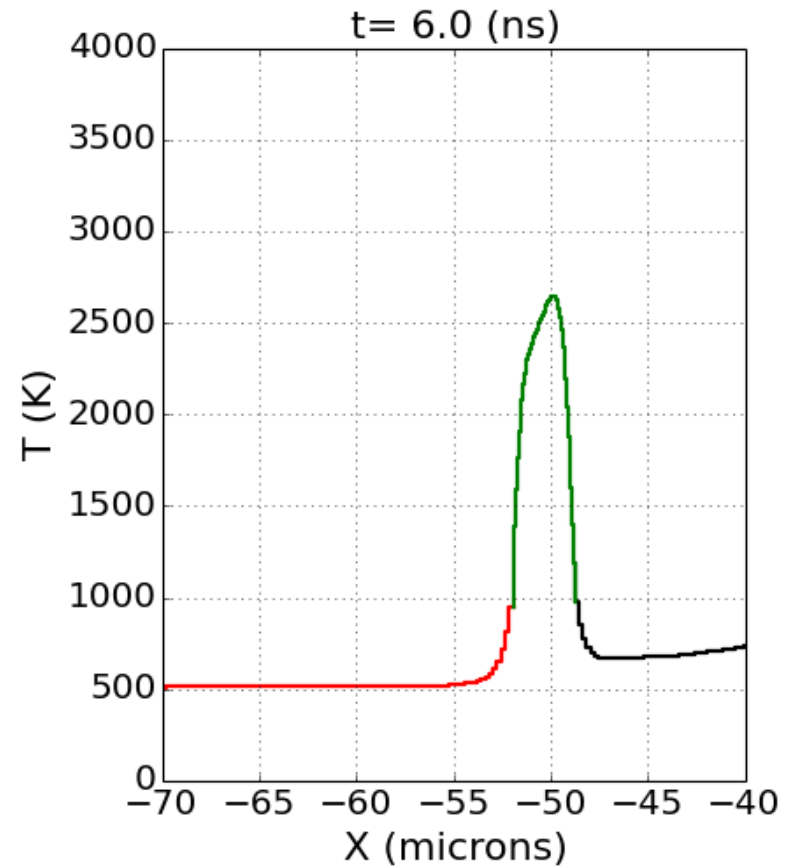
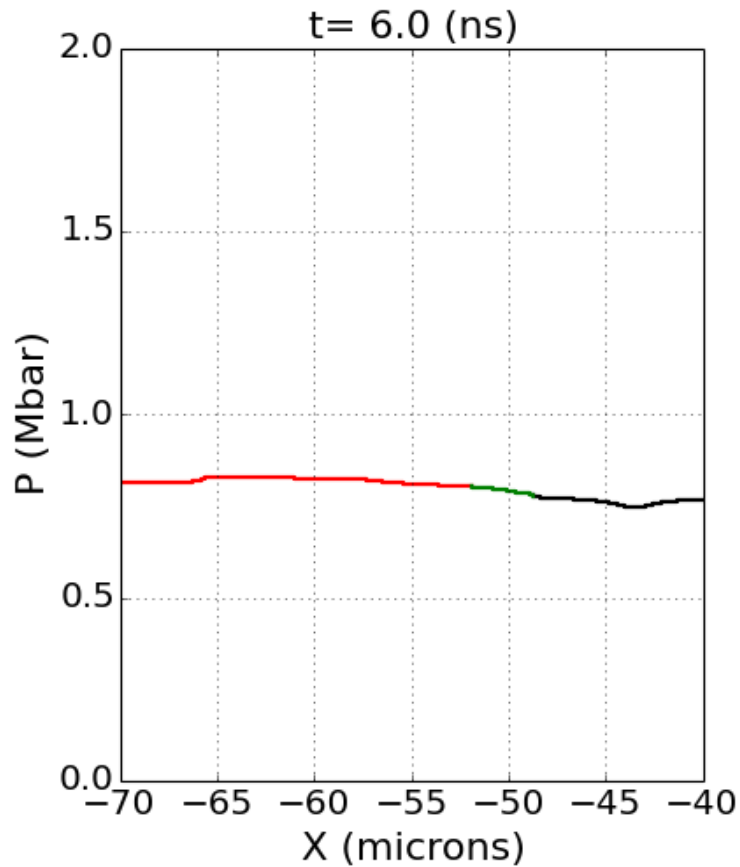
1053nm
35J-10ns
 $\phi=300\mu\text{m}$
 $I=5\times 10^{12}\text{ W/cm}^2$



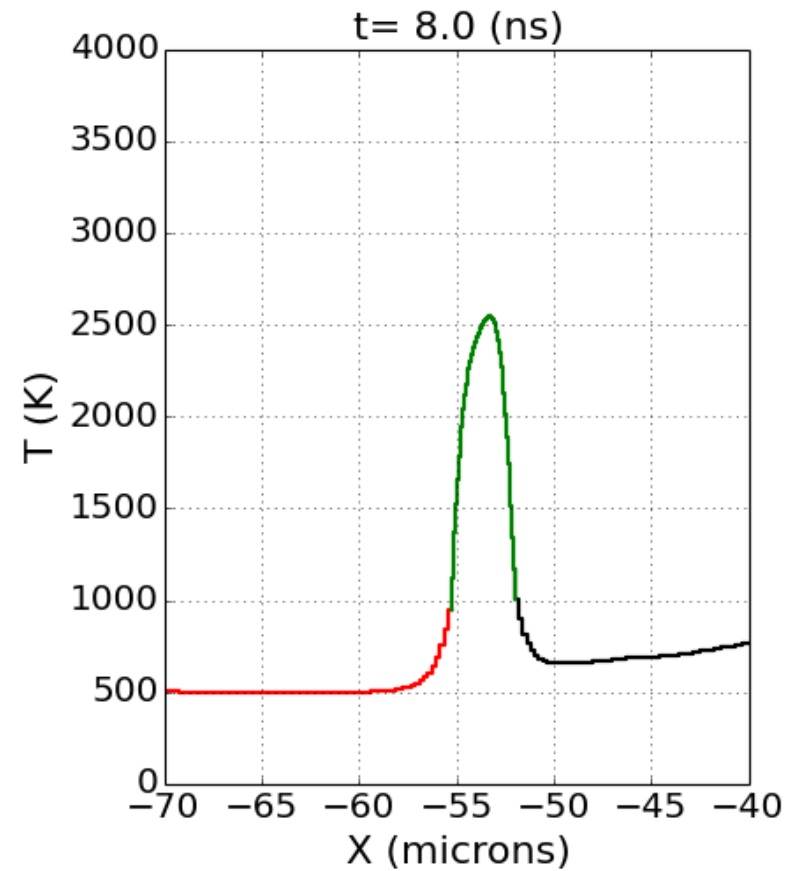
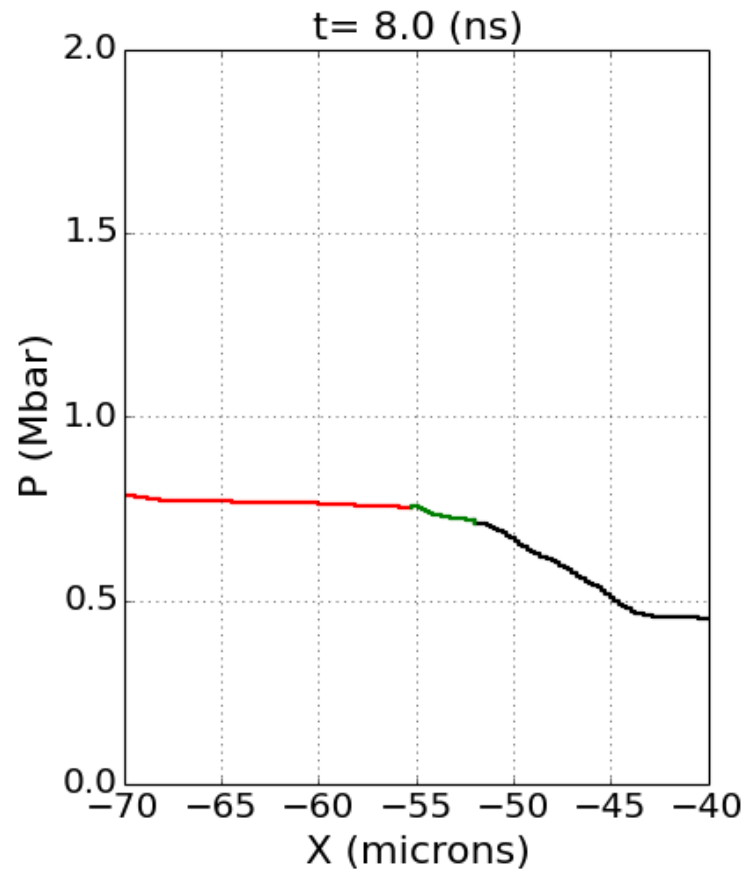
- $\lambda=1053$ nm – $\tau=10$ ns – $\phi=300$ μm – $I=5$ TW/cm²
- CH(4 μm) - Diamond (40 μm) – Tantalum(4 μm) – Diamond (50 μm)
- EOS BLF, no radiative transfer (calculations to be done)



- $\lambda=1053 \text{ nm} - \tau=10 \text{ ns} - \phi=300 \text{ }\mu\text{m} - I=5 \text{ TW/cm}^2$
- Diamond ($40\mu\text{m}$) – Tantalum($4\mu\text{m}$) – Diamond ($50\mu\text{m}$)
- EOS BLF, no radiative transfer (calculations to be done)

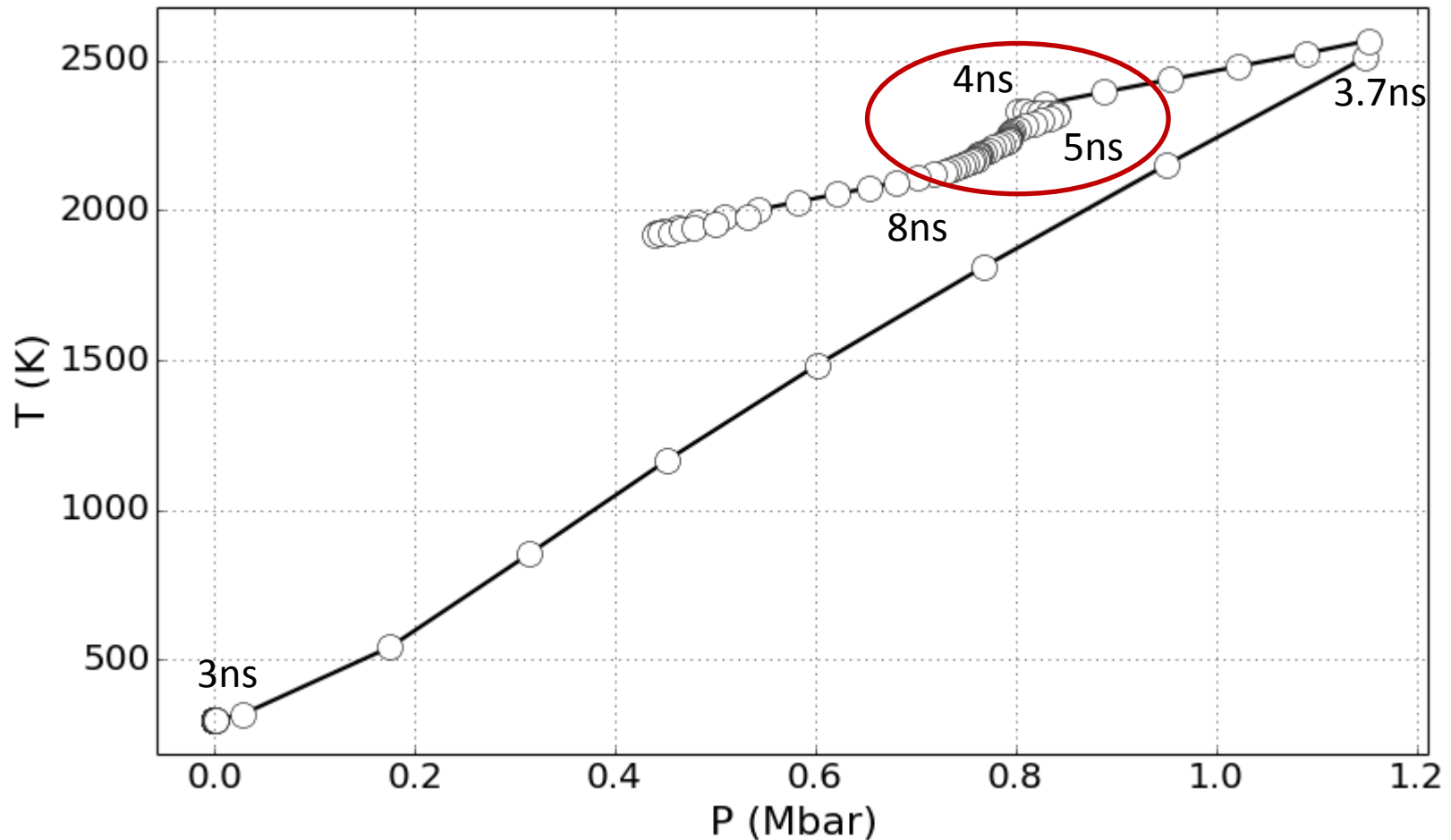


- $\lambda=1053$ nm – $\tau=10$ ns – $\phi=300$ μm – $I=5$ TW/cm²
- CH(4 μm) - Diamond (40 μm) – Tantalum(4 μm) – Diamond (50 μm)
- EOS BLF, no radiative transfer (calculations to be done)

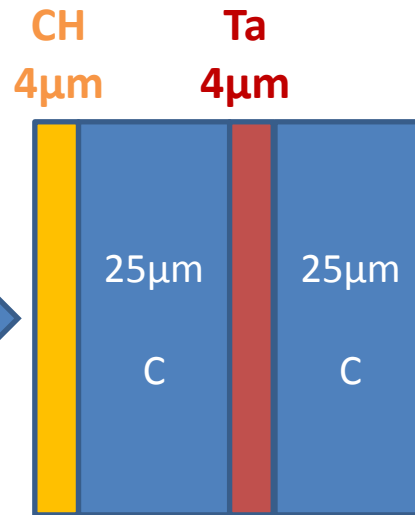
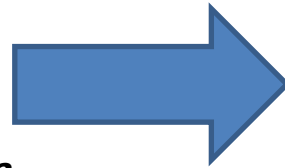


- $\lambda=1053 \text{ nm} - \tau=10 \text{ ns} - \phi=300 \text{ }\mu\text{m} - I=5 \text{ TW}/\text{cm}^2$
- CH(4 μm) - Diamond (40 μm) - Tantalum(4 μm) - Diamond (50 μm)
- EOS BLF, no radiative transfer (calculations to be done)

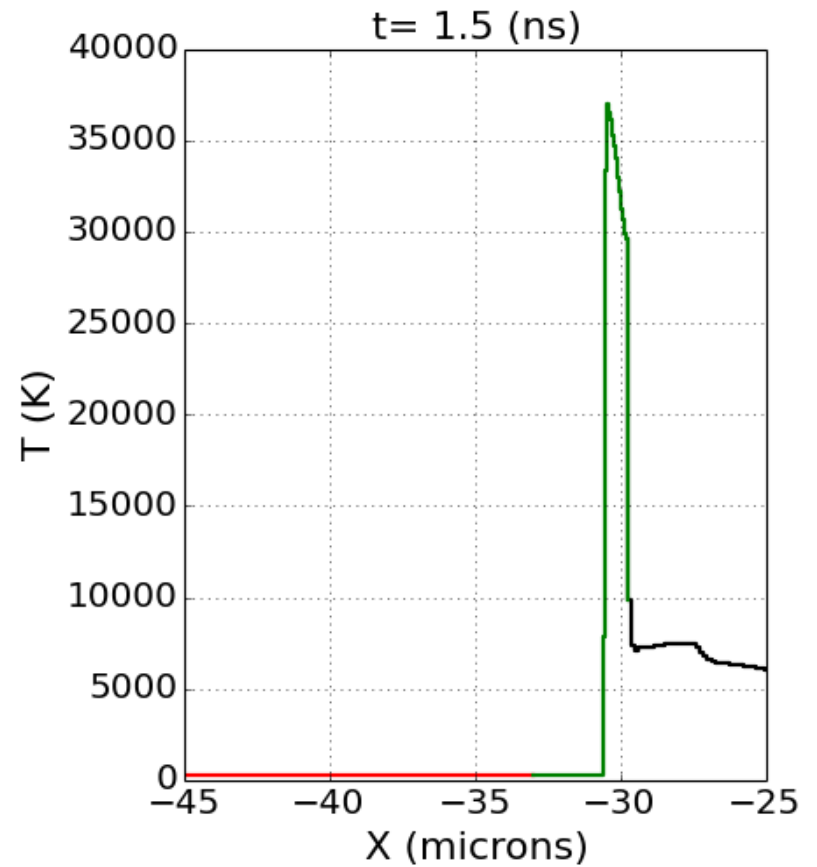
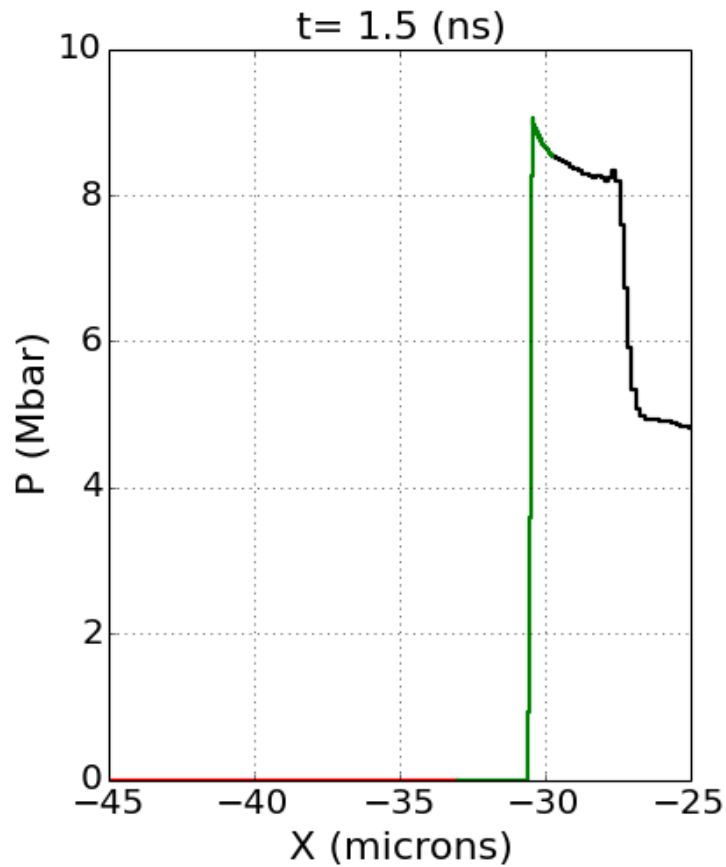
thermodynamic path in tantalum (mean)



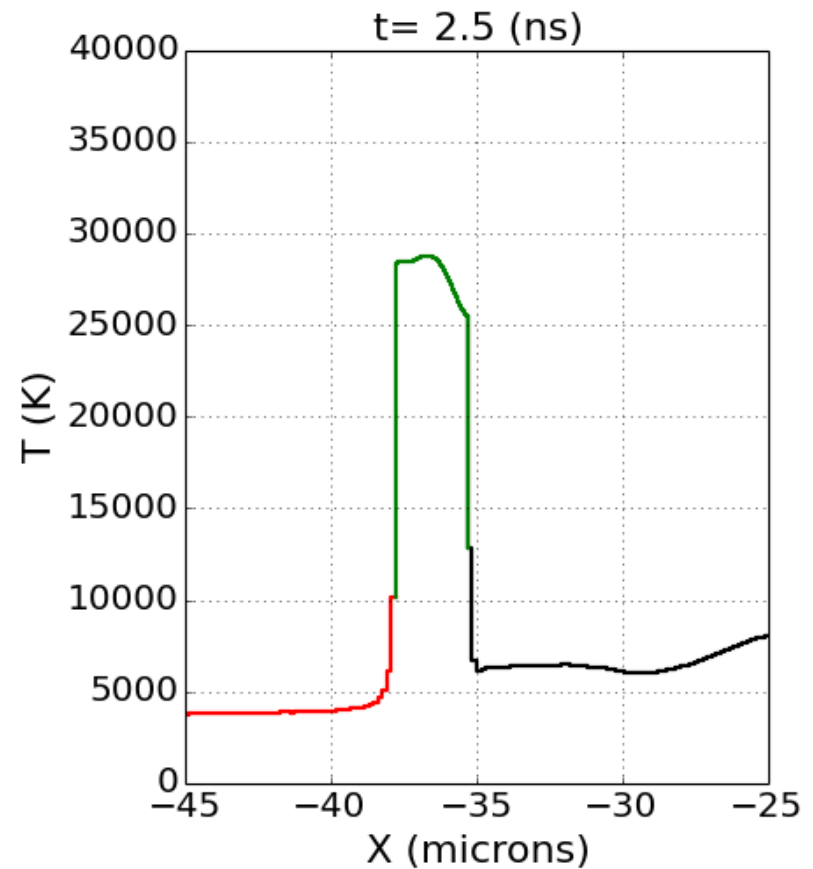
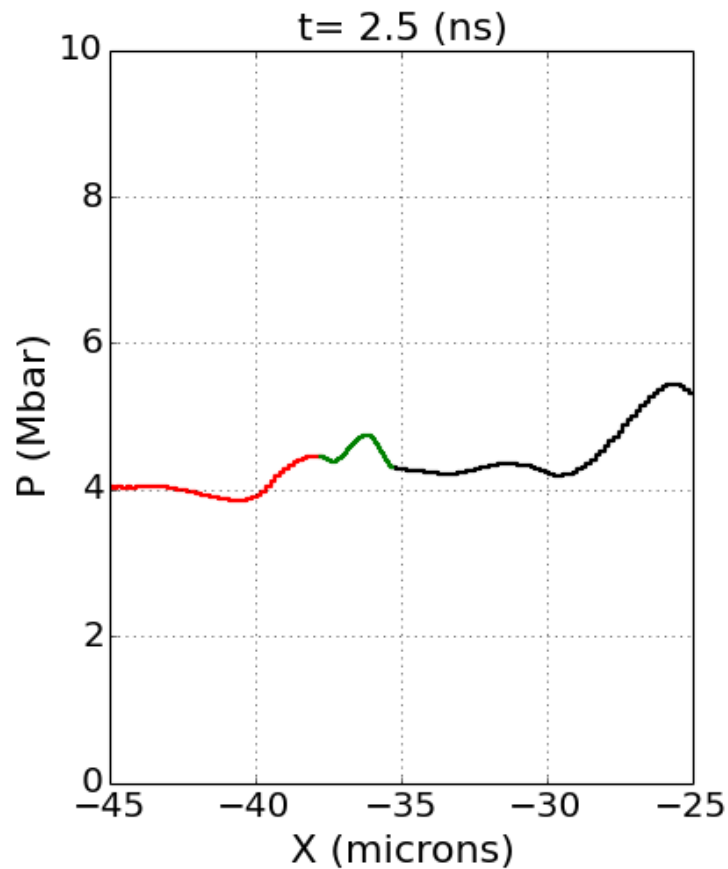
1053nm
35J-10ns
 $\phi=100\mu\text{m}$
 $I=45\times 10^{12}\text{ W/cm}^2$



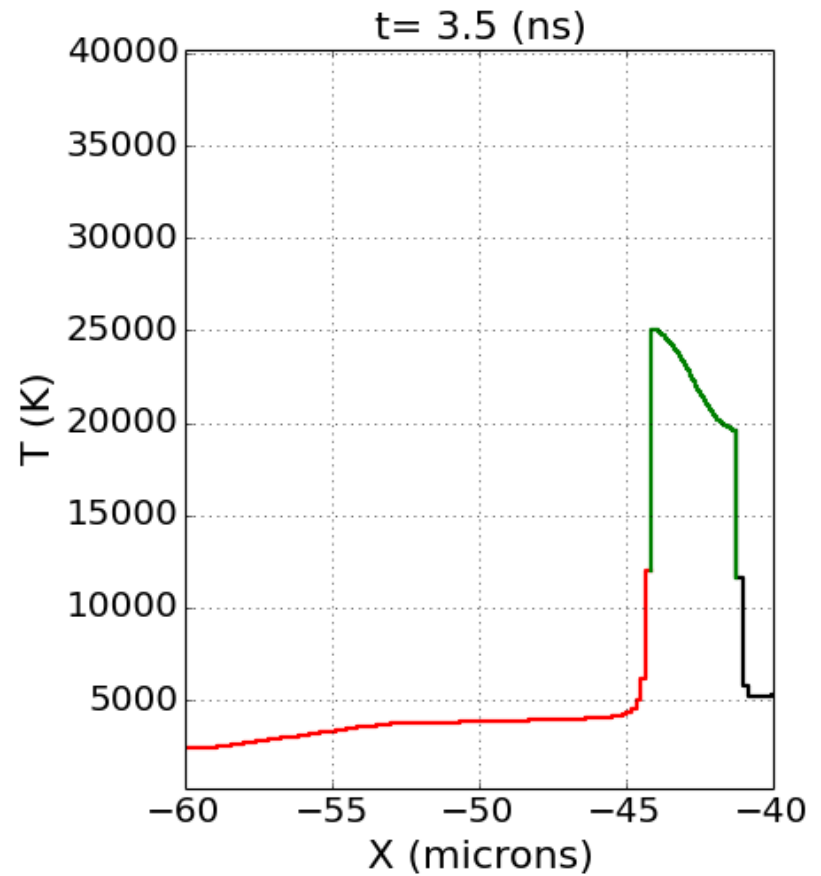
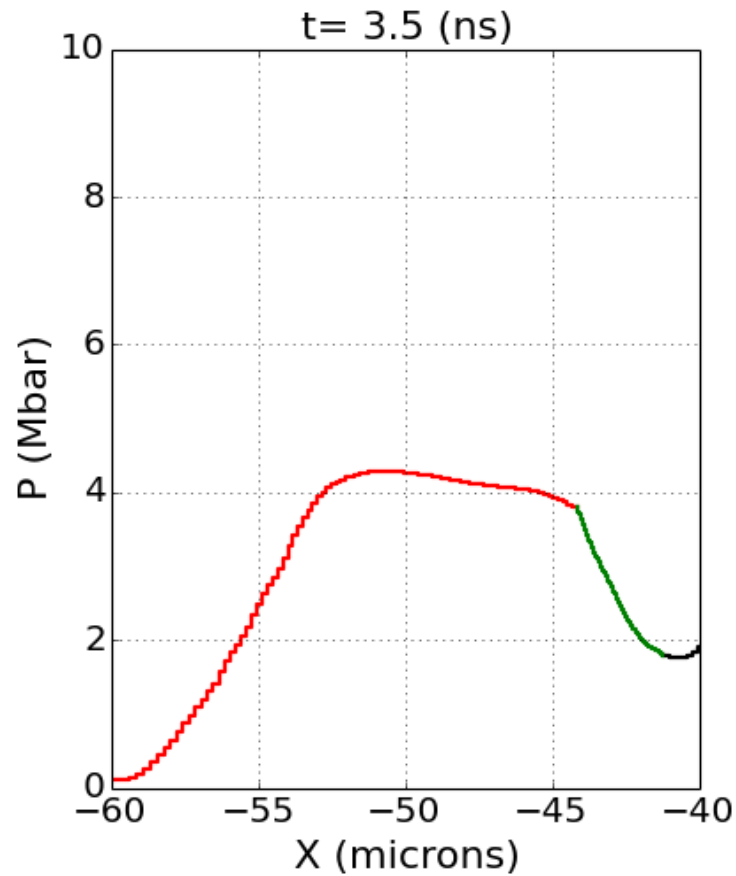
- $\lambda=1053 \text{ nm} - \tau=10 \text{ ns} - \phi=100 \text{ }\mu\text{m} - I=45 \text{ TW/cm}^2$
- CH(4 μm) - Diamond (40 μm) – Tantalum(4 μm) – Diamond (50 μm)
- EOS BLF, no radiative transfer (calculations to be done)



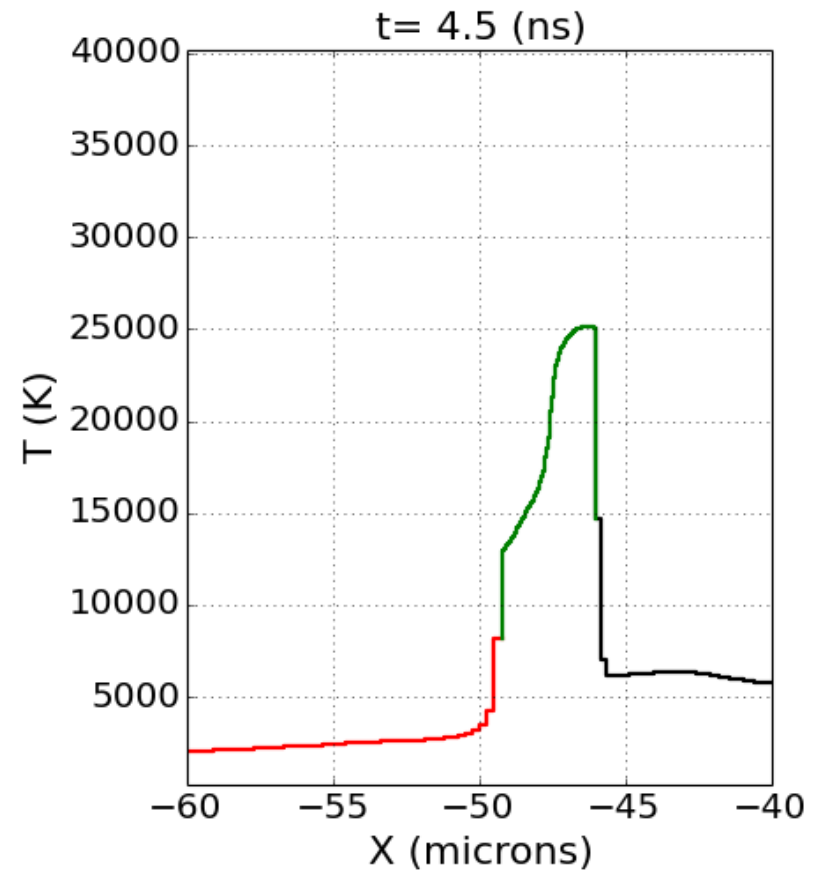
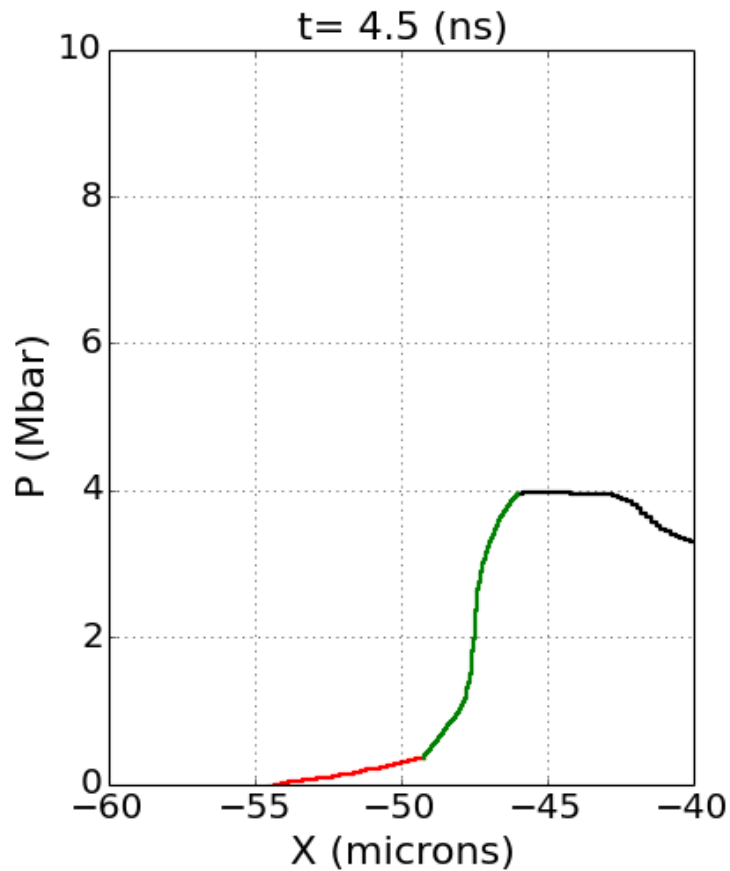
- $\lambda=1053 \text{ nm} - \tau=10 \text{ ns} - \phi=100 \text{ }\mu\text{m} - I=45 \text{ TW/cm}^2$
- CH(4 μm) - Diamond (40 μm) – Tantalum(4 μm) – Diamond (50 μm)
- EOS BLF, no radiative transfer (calculations to be done)



- $\lambda=1053$ nm – $\tau=10$ ns – $\phi=100$ μm – $I=45$ TW/cm²
- CH(4 μm) - Diamond (40 μm) – Tantalum(4 μm) – Diamond (50 μm)
- EOS BLF, no radiative transfer (calculations to be done)



- $\lambda=1053 \text{ nm} - \tau=10 \text{ ns} - \phi=100 \text{ }\mu\text{m} - I=45 \text{ TW/cm}^2$
- CH(4 μm) - Diamond (40 μm) – Tantalum(4 μm) – Diamond (50 μm)
- EOS BLF, no radiative transfer (calculations to be done)



- $\lambda=1053 \text{ nm} - \tau=10 \text{ ns} - \phi=100 \mu\text{m} - I=45 \text{ TW}/\text{cm}^2$
- CH($4\mu\text{m}$) - Diamond ($40\mu\text{m}$) - Tantalum($4\mu\text{m}$) - Diamond ($50\mu\text{m}$)
- EOS BLF, no radiative transfer (calculations to be done)

thermodynamic path in tantalum (mean)

