
CM-#D Microindentation and Nanoindentation Results

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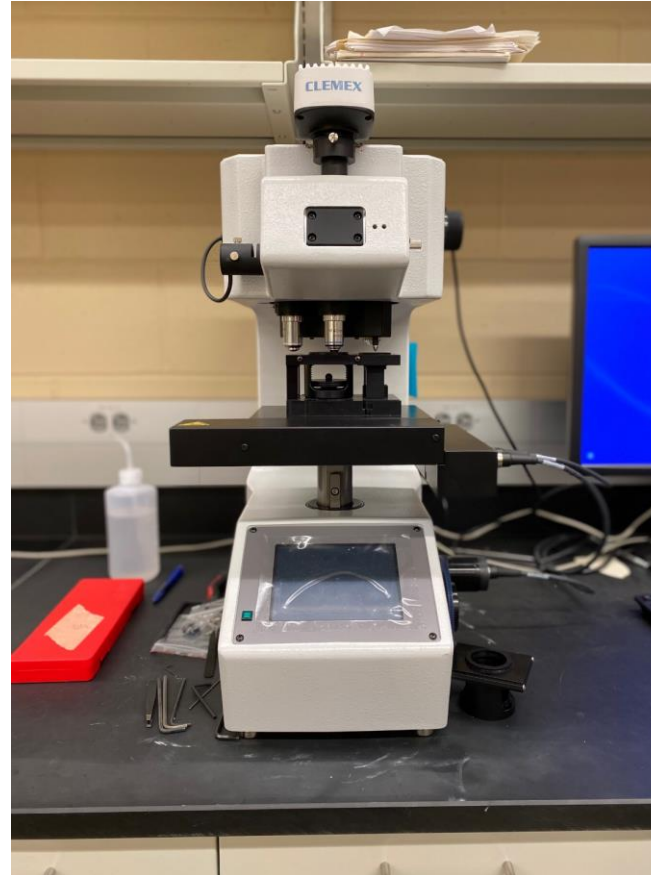
Indentation Equipment

Microindentation

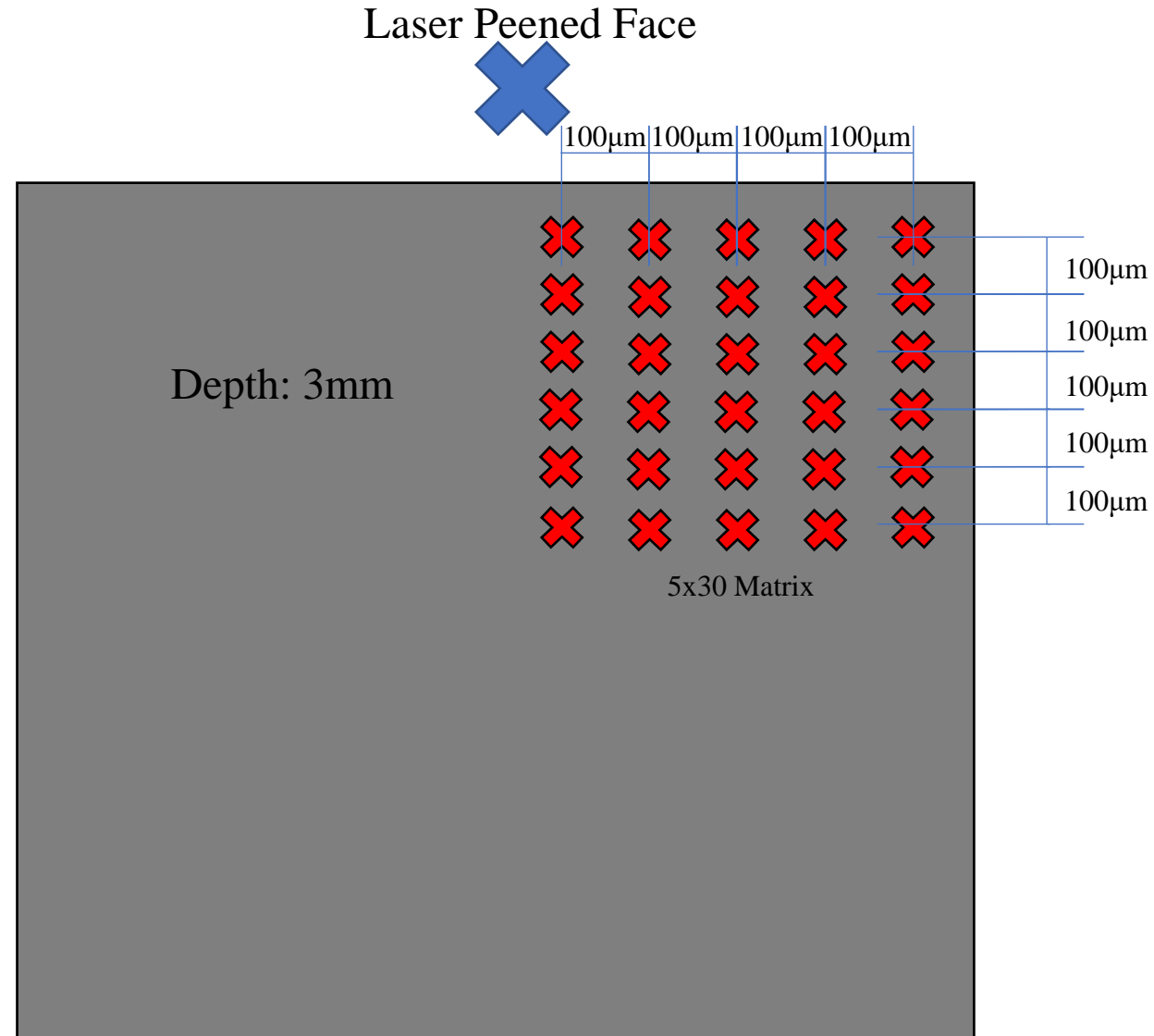
- Vickers indenter tip
- Operated at 300 gf (~ 3 N)

Nanoindentation

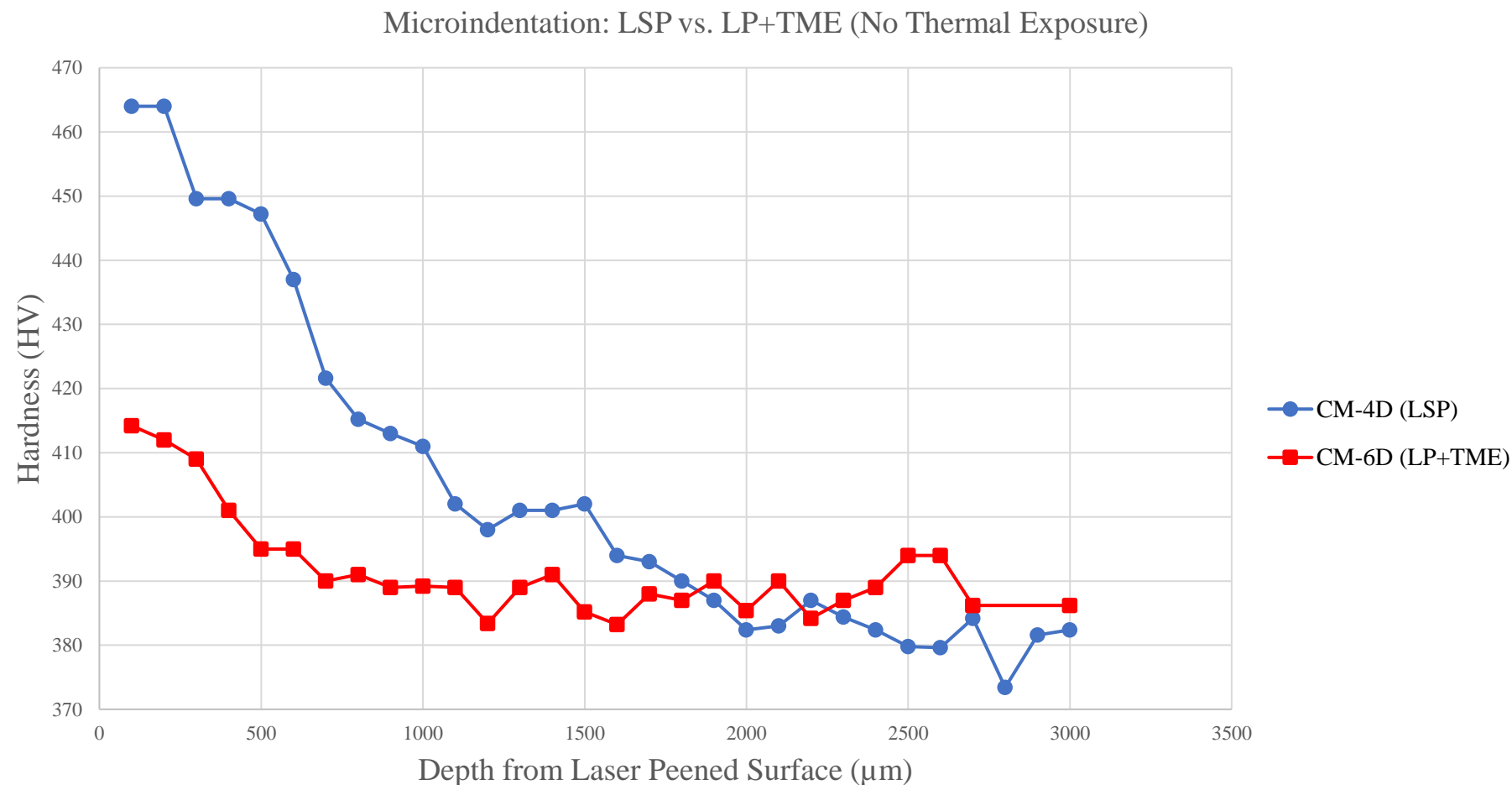
- Berkovich indenter tip
- Max load of 200 mN



Microindentation Schematic

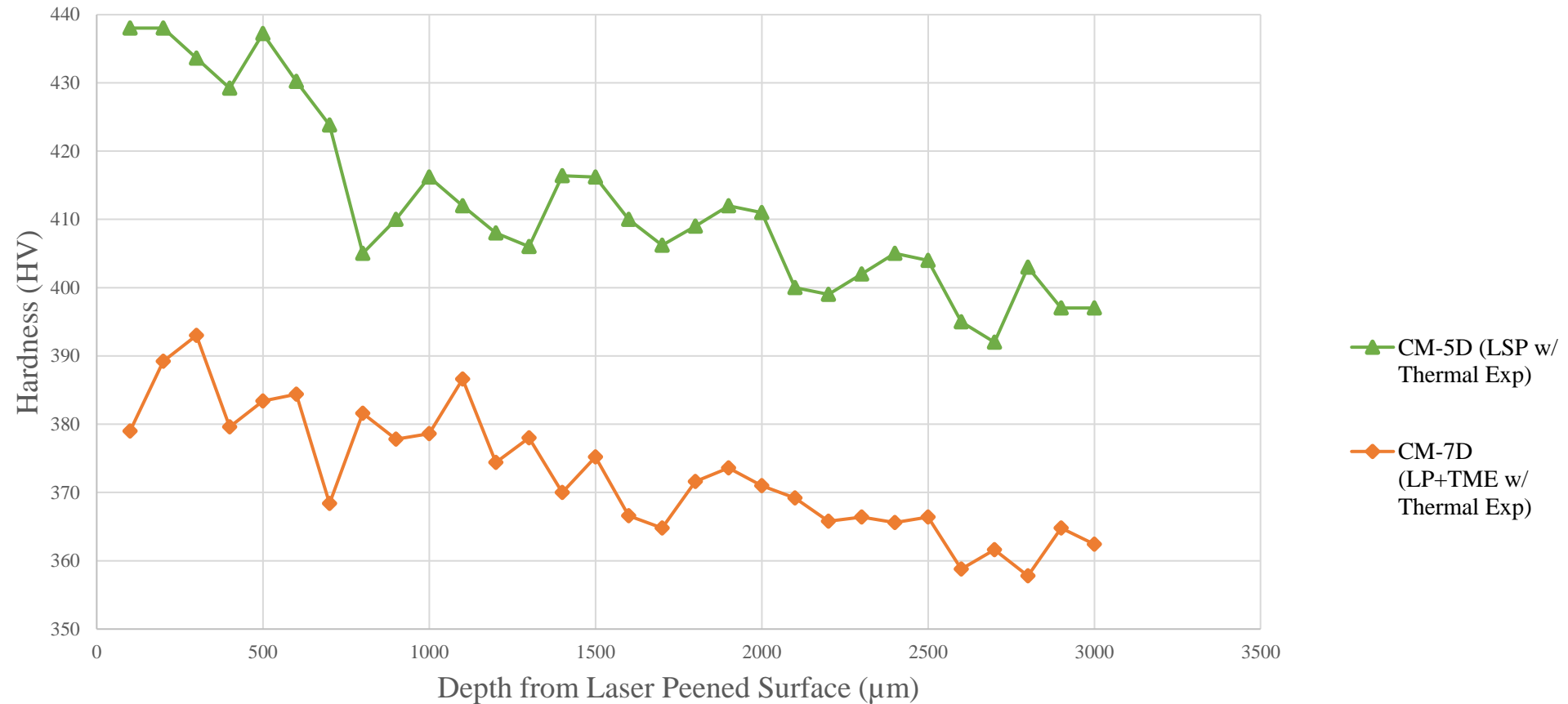


LSP vs. LP+TME (No Thermal Exposure)



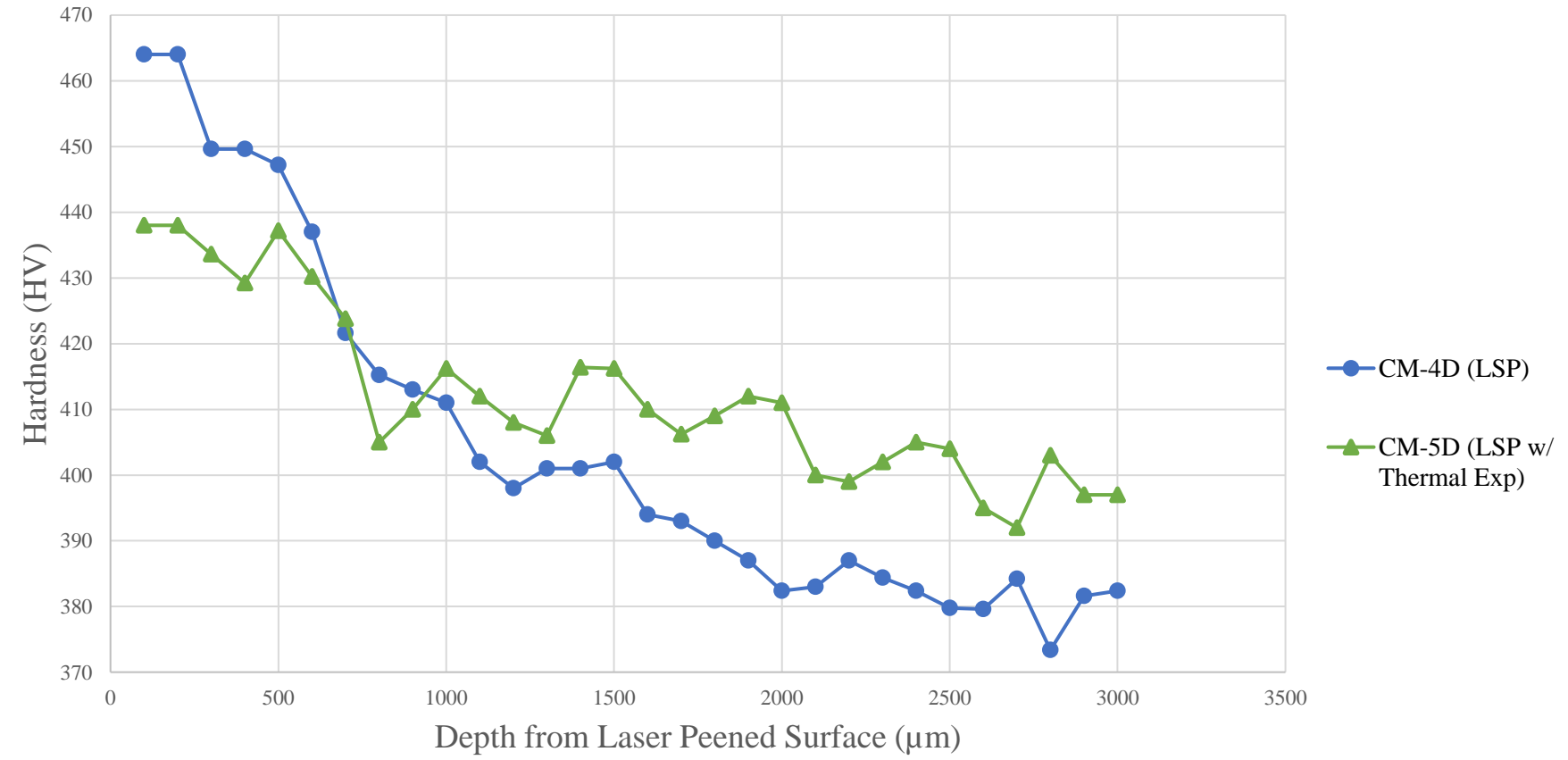
LSP vs. LP+TME after 300 hours at 700°C

Microindentation: LSP vs. LP+TME after 300 hours at 700°C



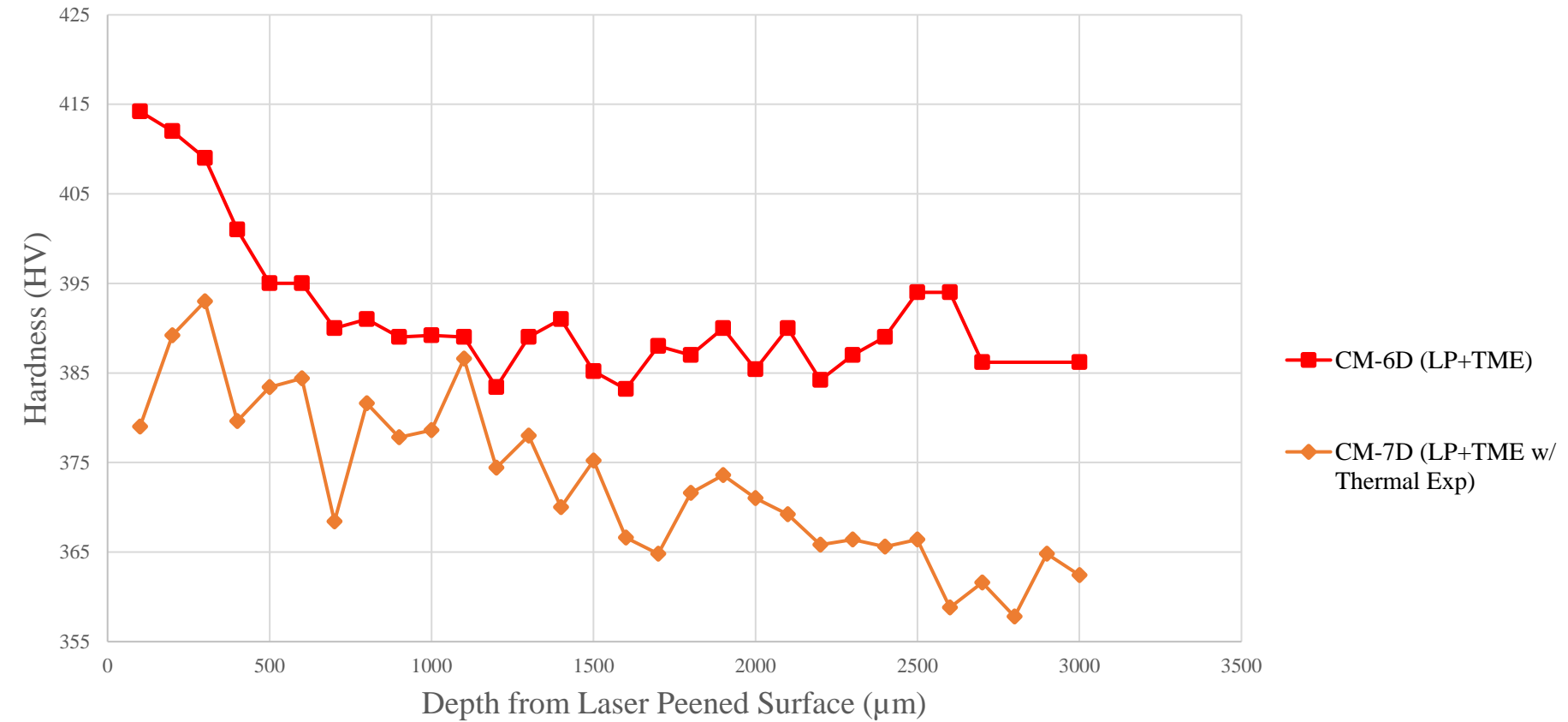
LSP before and after 300 hours at 700°C

Microindentation: LSP Before and After Thermal Exposure

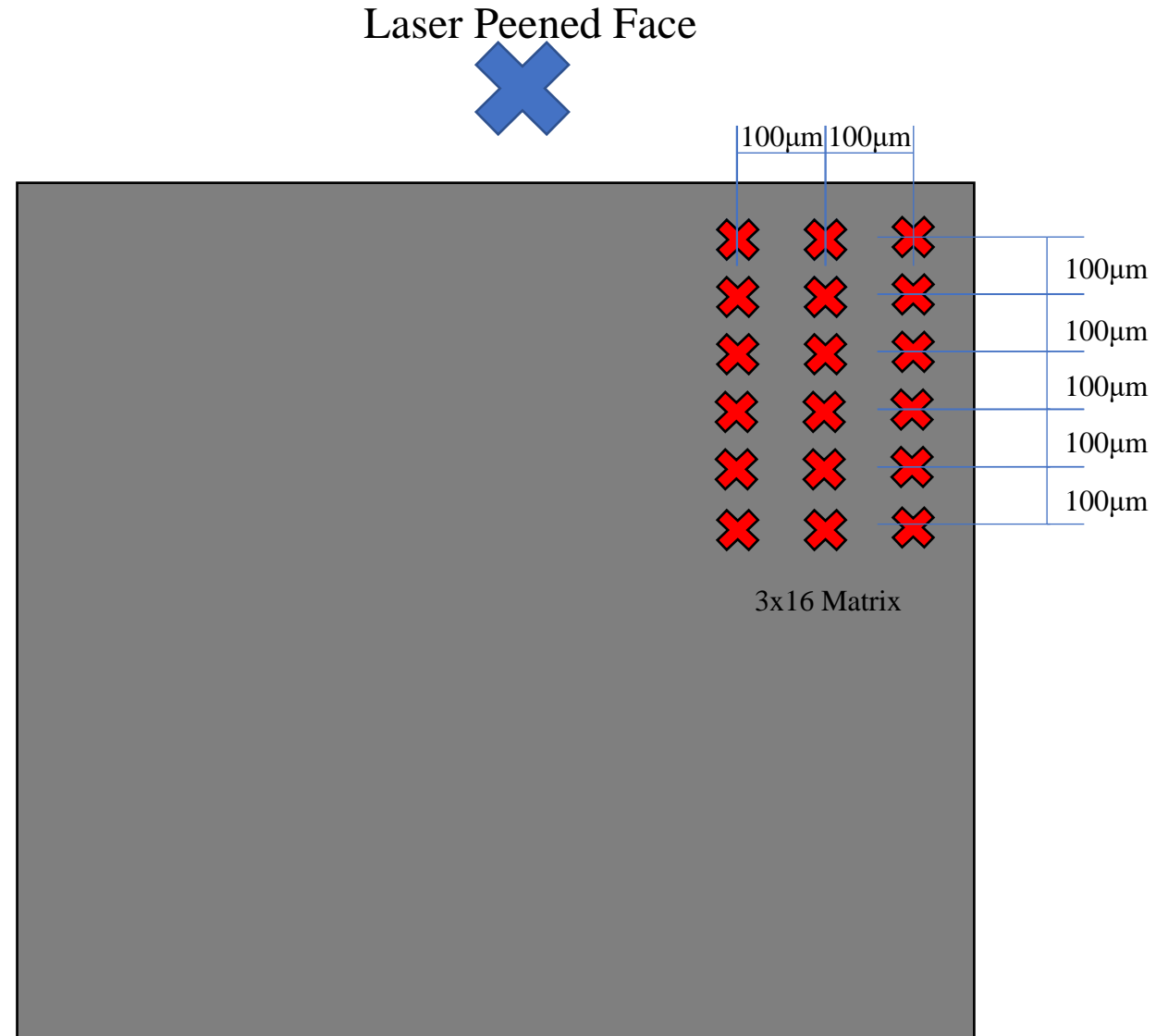


LP+TME before and after 300 hours at 700°C

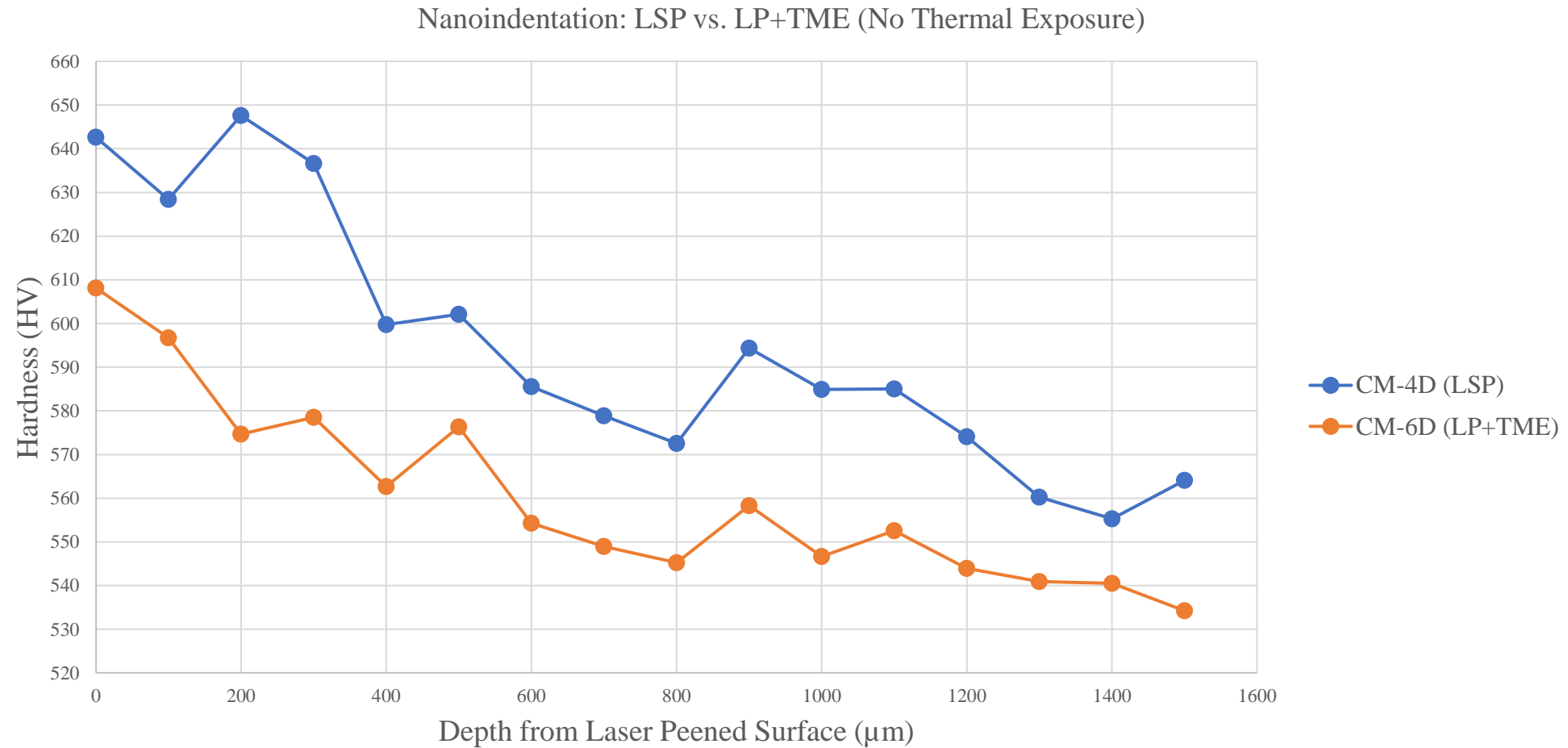
Microindentation: LP+TME Before and After Thermal Exposure



Nanoindentation Schematic

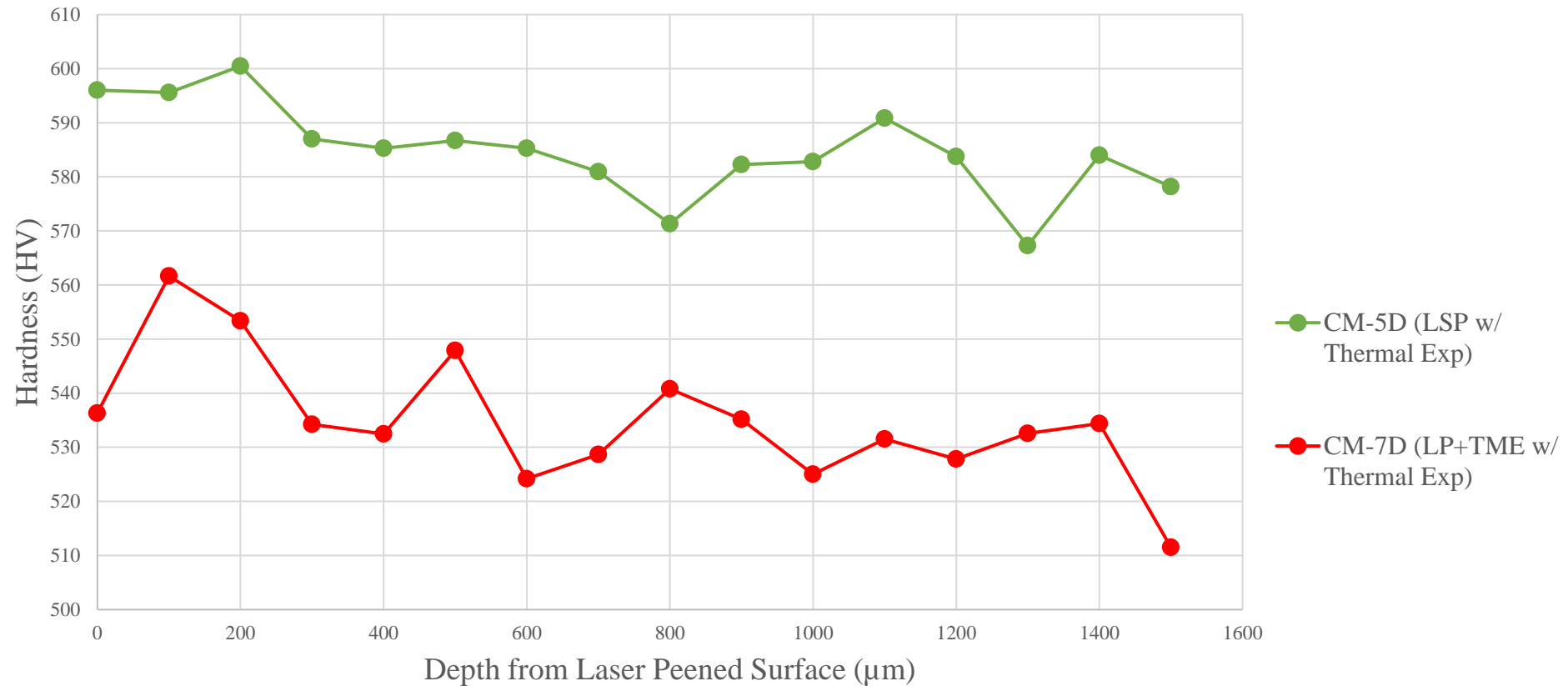


LSP vs. LP+TME (No Thermal Exposure)



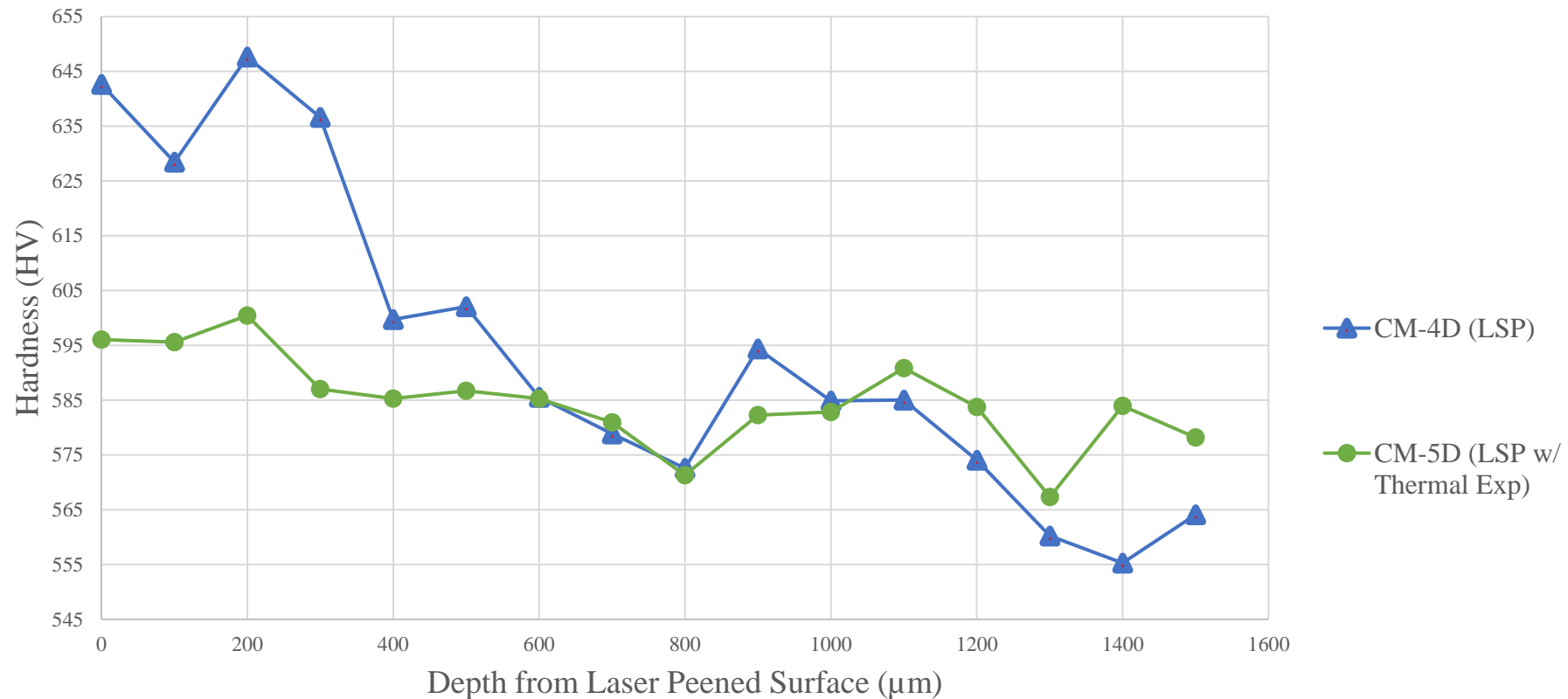
LSP vs. LP+TME after 300 hours at 700°C

Nanoindentation: LSP vs. LP+TME (After Thermal Exposure)



LSP before and after 300 hours at 700°C

Nanoindentation: LSP Before and After Thermal Exposure



LP+TME before and after 300 hours at 700°C

