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Effect of plastic anisotropy on microscale ductile fracture and microformability of stainless steel foil

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Highlights

- The anisotropy of metal foil is significantly enhanced with decreasing λ ratio.
- Deviation of strain path is worsened at microscale and sensitive to stress state.
- The shape of FLC for 200 and 100 μm thick foils differs from the common V-type.
- The FLC tends to approach FFLC at microscale level.

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