Image Processing of Weather Radar Reflectivity Data: Should It Be Done in Z or dBZ?

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This is an interactive poster!
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Image processing (e.g.: smoothing, interpolation, clustering, etc.) of weather radar reflectivity data is best carried out in:

a) Radar reflectivity factor (mm³m⁻⁶)

b) Logarithmic space (dBZ)

My answer (with statistical proof) is here:


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