



Caveat Regarding Off-axis Angle Theta and Phi

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All event files processed using a standard data processing version prior to DS6.9 (released on 10 August 2002, [please see release notes for DS6.9](#)) have the off-axis angle THETA and rotation angle (azimuth) PHI values switched. This occurs in both ACIS and HRC data. Using [dmcoords](#) to find the off-axis angle of your source yields correct results, no matter what processing version was used on your data. However tools such as [dmstat](#) when used with data processed before DS6.9 will give results with THETA and PHI switched.

Please see our thread [A Note on Processing Versions](#) for instructions on how to check which processing version was used on your data.

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URL:
<http://cxc.harvard.edu/ciao3.4/caveats/theta.html>
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Off-axis Angle Data Caveat – CIAO 3.4