pmv20\_iso Separate versions for isotropic and anisotropic inversions EW 13/03/2016

pmv19 Added support for calculation of anisotropy ratio, DR 17/12/2010

Automatically determines if inversion is isotropic or anisotropic, DR 23/12/2010

pmv18 - Added support for anisotropic inversion, DR 15/04/2010

- Fixed static shift bug, DR 19/04/2010

- Commented out lines 692-694, DR 10/12/2010

- Added support for anisotropic output model names, DR 17/12/2010

pmv17 - all changes added to same version ET.

pmv16 - June 17 2008. Added conductance plot. MJU

Pmv15 - Jun 6 2008

- TB added code to handle topography in resistivity models

Pmv14 - Jan 24 2008

- Code changed to handle version '6\_10' and '6\_11' inversions

- Changed variable version to global

- Modified code to read log file as 6\_11 log files contain

two strings 'iter'. This code will now work for both

versions 6\_10 and 6\_11.

- Edited code to plot RMS values...

\*\*\*\*\*\*\*\*\*\*\*\*\*Still issues when plotting ALL RMS values\*\*\*\*\*\*\*\*\*

ET, AO, TB January, 2008.

Pmv12 - added: resistivitiy plot for depth slice

Pmv11 - plots colorcoded statics as a function of sitenumber and deals

more consistent with statics in general

- plots rms as a function of site number

Pmv10 - reads static shift values from t?.dat files and applies them

in pseudosection plots to both, data and response

- app & phas curves can be plotted for both modes together

- error corrected for cases where only tip is inverted

- plots difference (log) between two models

- plots sensitivity map, if available

- calculates rms of a subset of data (see line ~240)

Pmv9 organizes reading from parameter file (\*.par)

pmv8 heavily reorganized (ws)

- handles all three modes (te/tm/hz)

- rsp file (output of rund2inv) is analysed directly

- modes can have different (sub)sets of frequency/site

- log file is read

=> used error floors (only for conjugate=n not in log file),

tau, chisq, rms, roughness... read and the latters

can be plotted.

pmv7 Error floor applied before plotting as option

In pseudosections, NaN's can be filled with next highest frequency

This is only applied as far as the last frequency.

pmv6 Fixed bugs in statics (both he last frquencyTE and TM done)

rs for residual pseudosections .... with error floor option

Separate options for HZ data in plotdat

Added subroutine doplot\_hz

pmv5 plots rho vs depth at each site in turn (in "resistivity model")

Colour and shading options in model plot hardwired

pmv4 latest version of Mackie code (march6 2003) has more decimal

places in \*rsp file. Changes made in load\_nlcgout

pmv3 computes static if rho doesn't fit

This version Feb 2002. Plots with new version of Mackies code that

gives files names from root.

=======================================================================

June 2002 : Plots Profiles at a specific period for MT or H\_z data

=======================================================================

function plot\_nlcg\_out

%

% Plots nlcg6 responses, data and model

%

% If a file scales.m exists in working directory, then you can set values

% for following:

% scale = [minY maxY minZ maxZ]; % (kilometers)

% (minZ and maxZ are optional and not used by this function)

% rholims = [minlog10rho maxlog10rho]); % (Ohm-m)

% phalims = [minpha maxpha]); % degrees

% Otherwise these are set automatically and you can alter the values and

% save the file for future use. Note that missing or bad data in this

% file may cause the function to return to defaults or quit with an error.

%

% If a file pal.m exists in working directory, it will be executed to

% load a custom colormap array "cmap". Otherwise a modified jet is used.

%