



Figure 13. Burial-history curves for the Amu Darya and Afghan-Tajik Basins constructed using the Petromod petroleum-generation model. The thermal window for crude oil generation, catagenesis stage, is where vitrinite reflectance values are between 0.5 or 0.7 and 1.3 percent. Main zone for natural gas and natural gas liquids/condensate generation is where vitrinite reflectance values are between 1.3 and 2.0 percent.