



刘志宏, 王芃, 沙茜, 万传彪, 高军义. 柴达木盆地阿尔金斜坡带构造特征与阿尔金断裂形成时间讨论——以月牙山地区为例 (9): 1275-1283

柴达木盆地阿尔金斜坡带构造特征与阿尔金断裂形成时间讨论——以月牙山地区为例 [点此下载全文](#)

[刘志宏](#) [王芃](#) [沙茜](#) [万传彪](#) [高军义](#)

吉林大学地球科学学院

基金项目: 本文为国家自然科学基金项目(编号 40772125)资助的成果。

DOI:

摘要点击次数: 127

全文下载次数: 98

摘要:

研究区位于柴达木盆地阿尔金斜坡带的中段, 跨越柴达木盆地、阿尔金断裂和索尔库里盆地三个构造单元致向南倾斜的斜坡, 是一个在三位空间上变化的曲面, 其包络面的走向与阿尔金断裂的走向基本一致。阿尔金余近东西、靠近断裂逐渐向其收敛的背斜构成, 在阿尔金山前表现为一系列斜列鼻状构造, 在空间上呈宽缓的、随分地段表现为由堆垛式双重构造自北向南的逆冲作用形成的大型背斜的前翼。根据背斜前翼生长地层确定阿尔金(38 Ma)开始形成, 至今一直处于持续的活动状态。在下干柴沟组上段至上油砂山组沉积时期(38~8.1 Ma)沟组沉积开始(8.1 Ma), 断裂的活动强度明显增大。

关键词: [构造特征](#) [断层相关褶皱](#) [生长地层](#) [形成时间](#) [阿尔金断裂](#) [阿尔金斜坡带](#) [柴达木盆地](#)

Structural Features of Altyn Slope Zone and Formation Time of Altyn Fault in Qaidam Area for Example [Download Fulltext](#)

[liu zhi hong](#)

Collage of Earth Sciences, Jilin University

Fund Project:

Abstract:

The study area, located in the middle part of Altyn slope zone in the Qaidam Basin, spans to including Qaidam Basin, Altyn fault and Suoerkuli Basin. The Altyn slope zone generally character south dip ramp is a curved surface varying in three dimension, and the trend of its envelope surface with that of the Altyn fault. The Altyn slope zone consists of near E-W trending anticlines as fault, which gradually converge towards the fault. In the foreland of the Altyn Mts, the slope zone series of oblique nose structures, presenting a regular change of wide and gentle alternate uplift parts, it presents as the forelimb of the large scale anticline resulted from the thrusting of structure to south from north. Based on the growth strata of the forelimb, the formation of Altyn deposition of the upper member of the Xiaganchaigou Formation (38Ma), the fault has been active with intensity of the fault was weak during the deposition period from the upper member of the Xiaganchaigou Formation (38~8.1Ma), and became strong since the deposition of Shizigou Formation

Keywords: [structural features](#) [fault-related fold](#) [growth strata](#) [formation time](#) [Altyn fault](#) [Altyn slope zone](#)

相关附件: [图1](#) [图2](#) [图3](#) [图4](#) [图5](#)