



















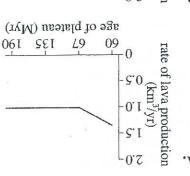


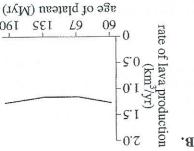


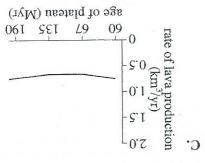


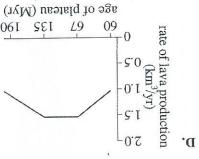


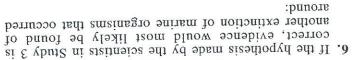
the rate of lava production? tionship between the age of a flood basalt plateau and 5. Which of the following graphs best represents the rela-











314 Myr ago. 250 Myr ago. 191 Myr ago. 77 Myr ago.

·H C'

> of plumes are: plumes, the scientists would generalize that the heads 1. If the plume model in Study I is typical of all mantle

B. approximately twice the diameter of the tail. A. approximately half the diameter of the tail.

C. the same diameter as the tail.

D. half as dense as the tail.

marine organisms to become extinct? following plateaus caused the largest number of hypothesis is correct, the formation of which of the marine organisms that would become extinct. If this the volume of lava produced, the larger the number of 2. The scientists in Study 3 hypothesized that the larger

Plateau C Plateau B Plateau A

1. Plateau D

likely have a lava volume: that produced lava for a period of 1.8 Myr would most 3. Based on the results of Study 2, a flood basalt plateau

B. between 1,500,000 km³ and 2,000,000 km³ A. between $1,440,000 \text{ km}^3$ and $1,500,000 \text{ km}^3$.

C. between 2,000,000 km³ and 2,125,000 km³

D. over 2,125,000 km^3 .

lava was produced at that plateau? the age of a flood basalt plateau and the length of time ments best describes the relationship, if any, between 4. According to Study 2, which of the following state-

time lava was produced increases. As the age of a plateau increases, the length of

time lava was produced decreases. G. As the age of a plateau increases, the length of

time lava was produced increases, and then H. As the age of a plateau increases, the length of

of a plateau and the length of time lava was There is no apparent relationship between the age decreases.

produced,