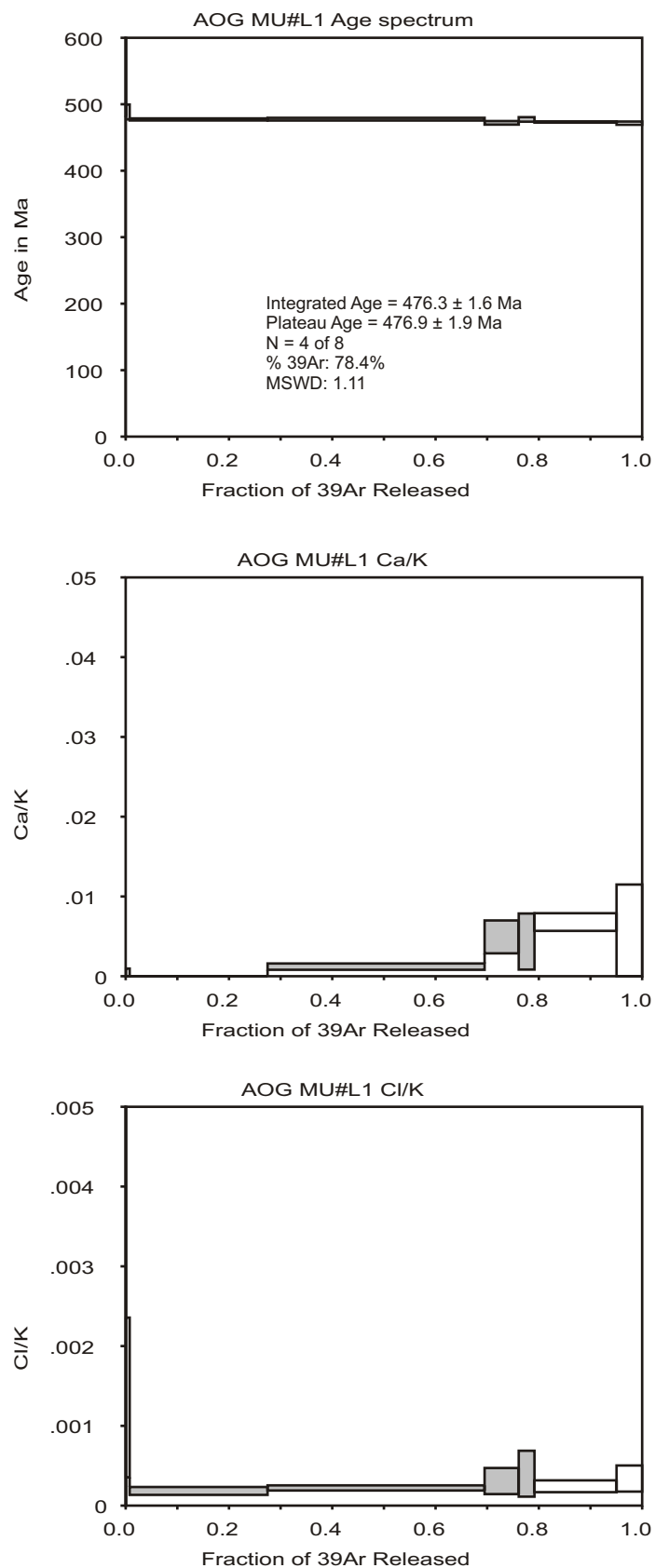
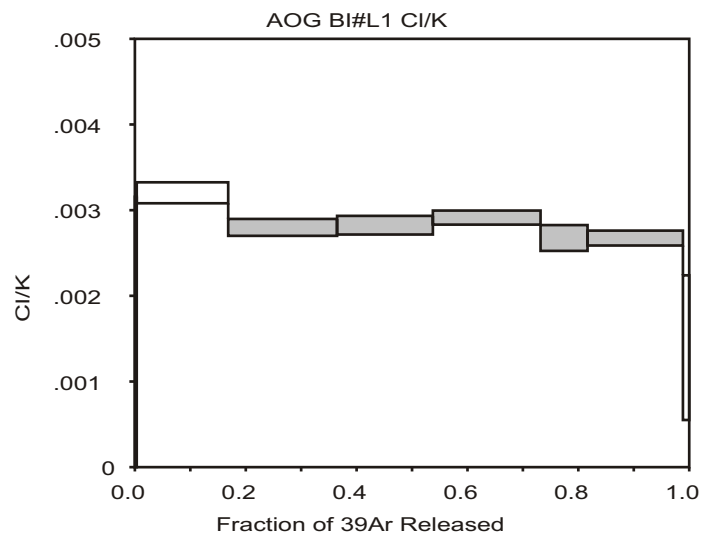
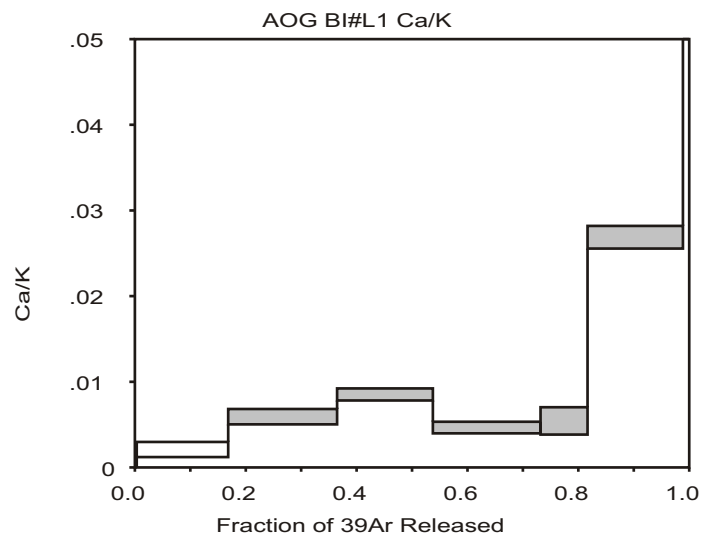
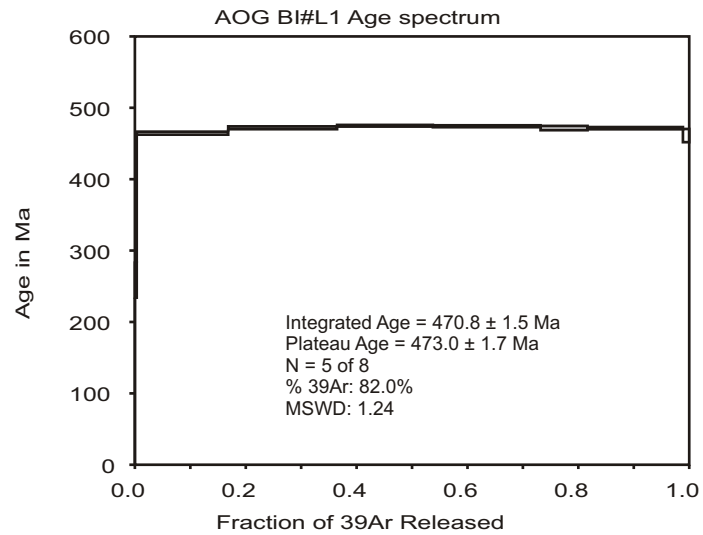
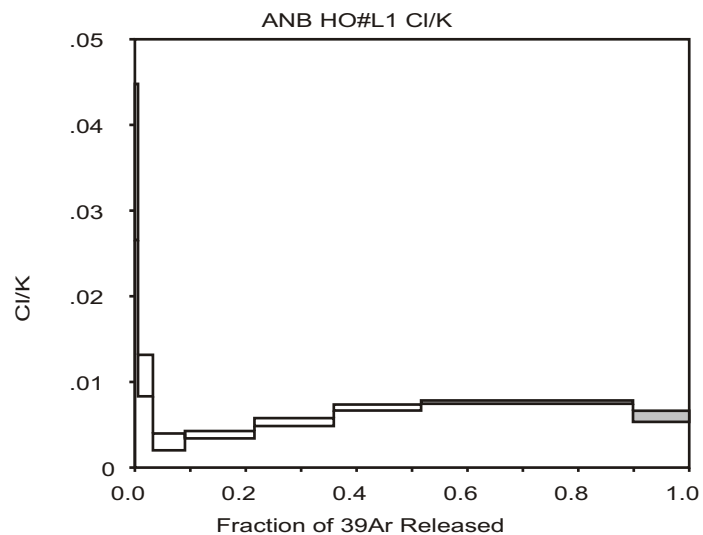
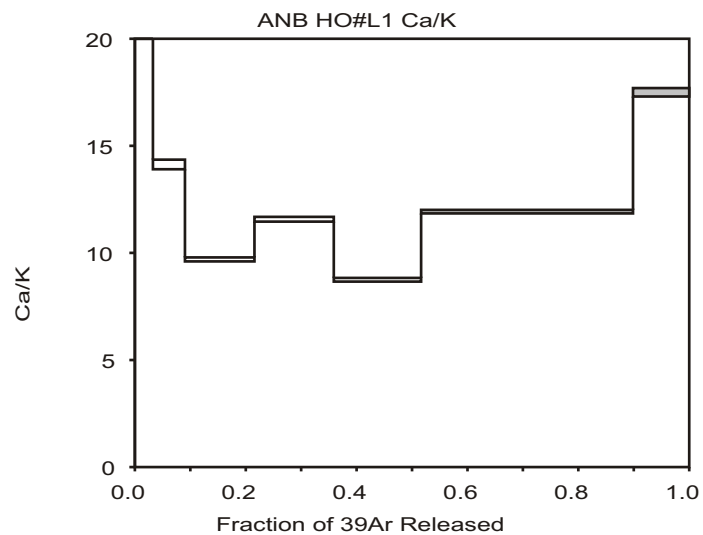
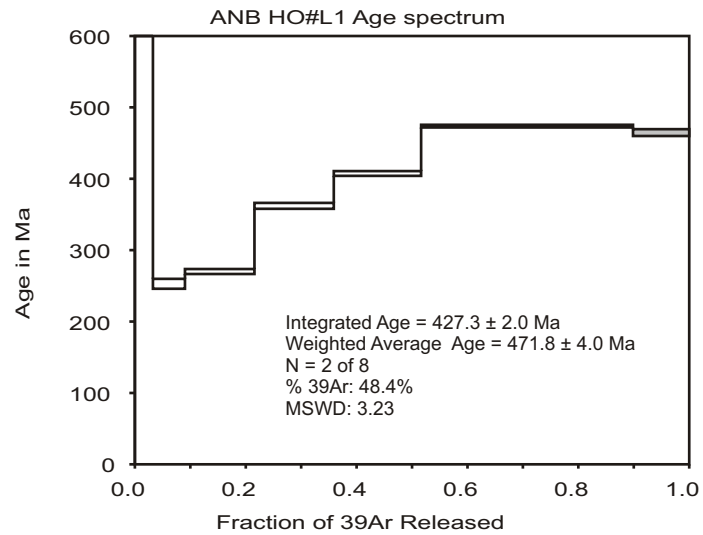


Figure S1.  $^{40}\text{Ar}/^{39}\text{Ar}$  incremental release spectra for hornblende (HO), muscovite (MU), and biotite (BI) mineral separates from rock samples in the study area. Vertical axes represent age (Ma), and ratios of Ca/K and Cl/K released; horizontal axis is cumulative percent  $^{39}\text{Ar}$  released. Ages in the figure are reported at the  $\pm 1$ -sigma level, but are reported at the  $\pm 2$ -sigma level in the text for comparison sake to other geochronological constraints.

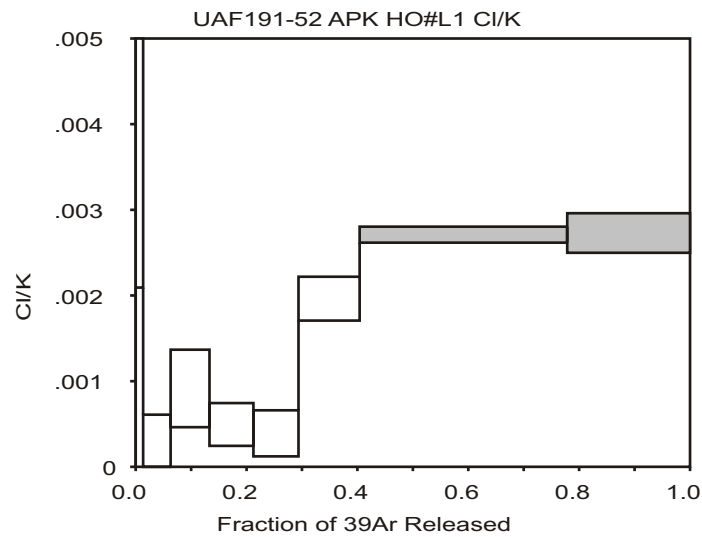
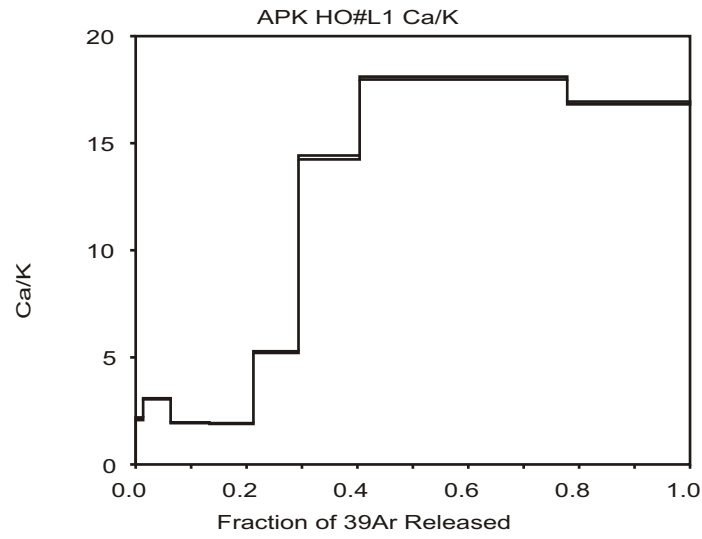
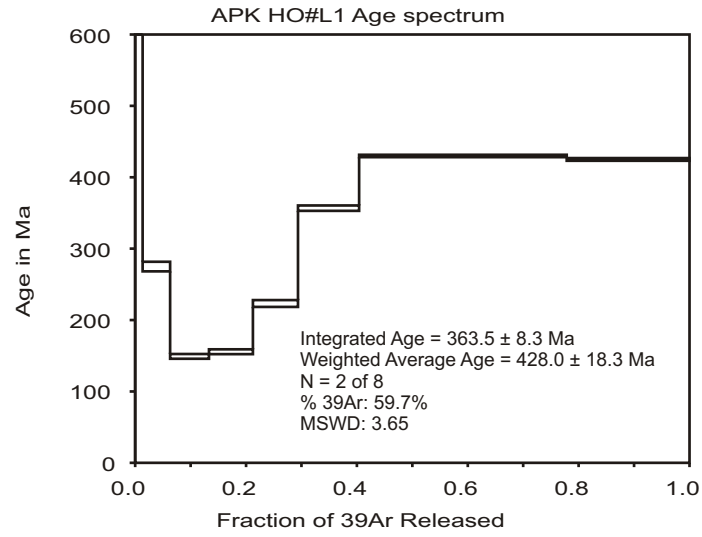


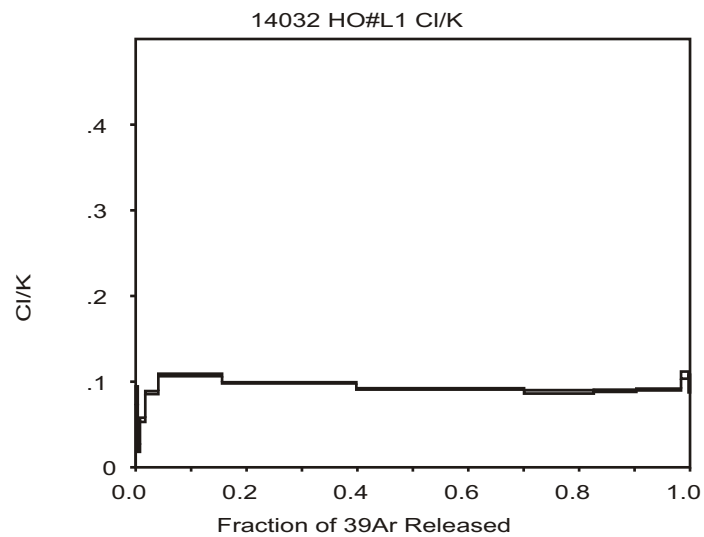
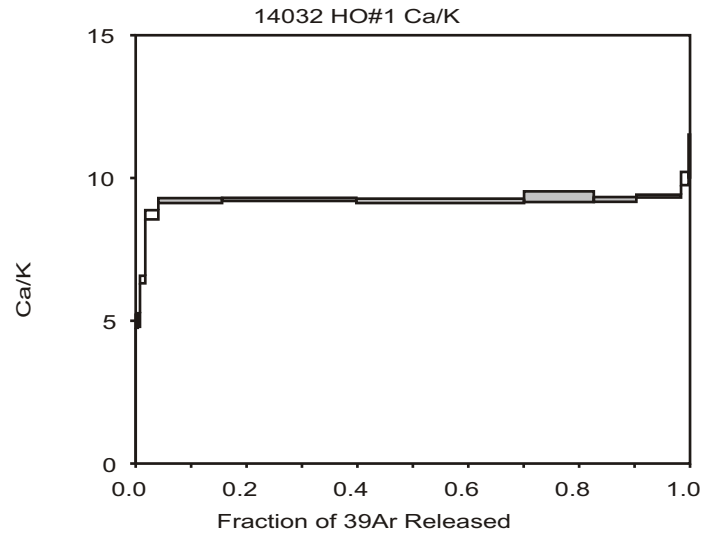
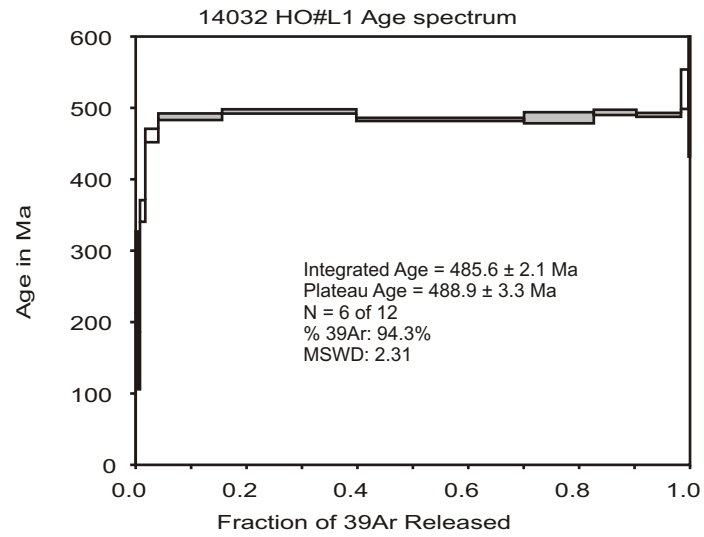


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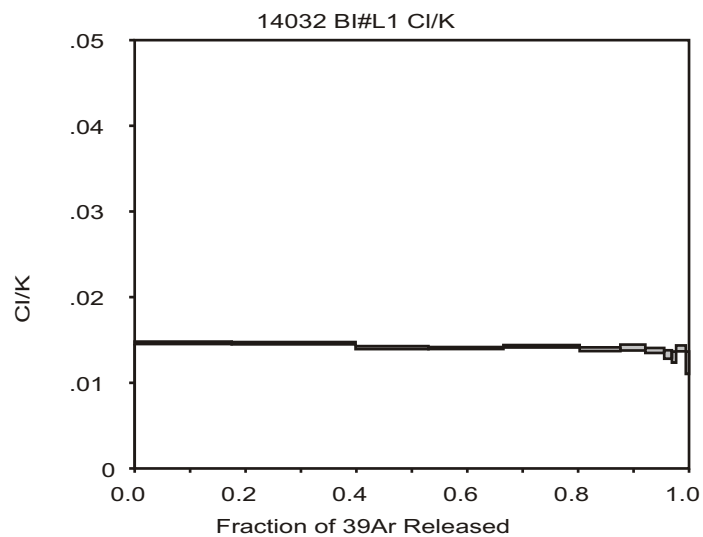
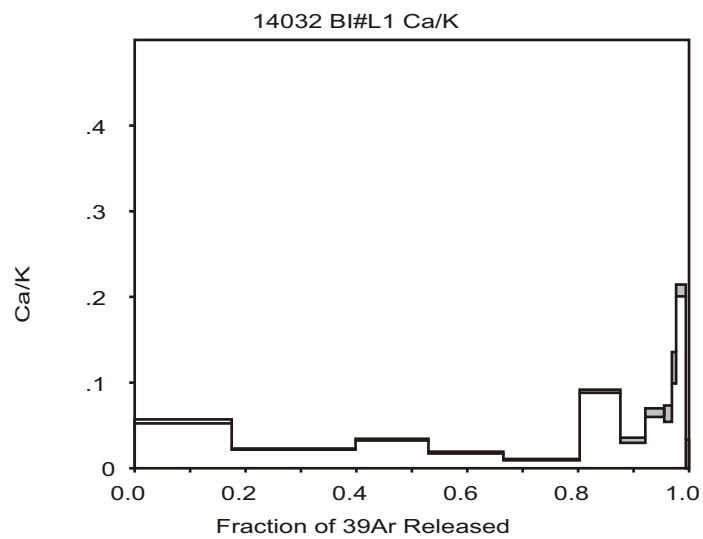
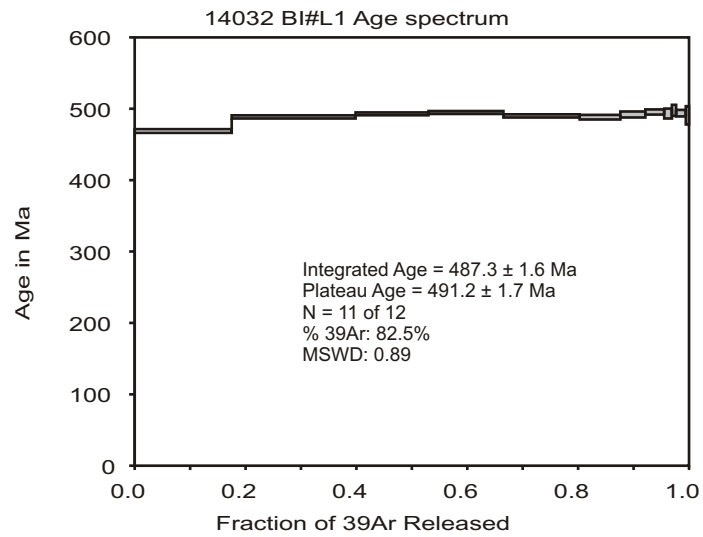


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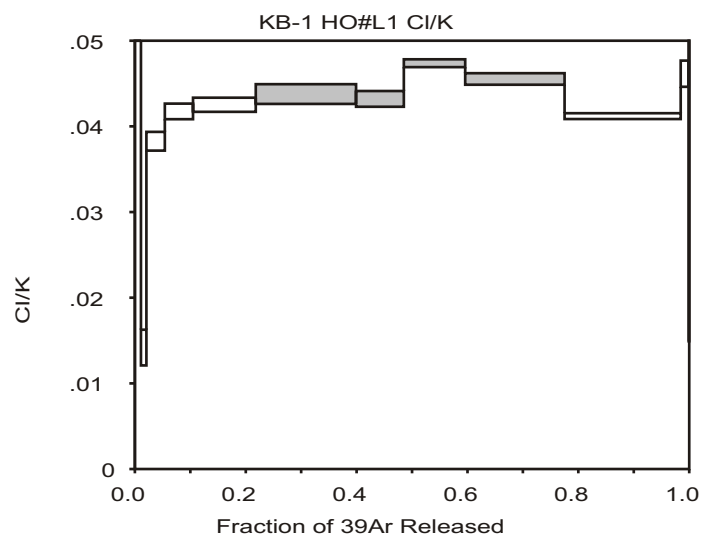
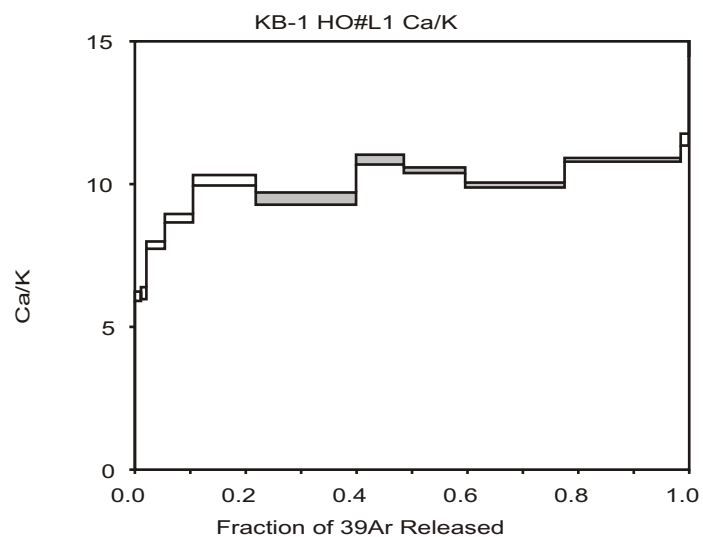
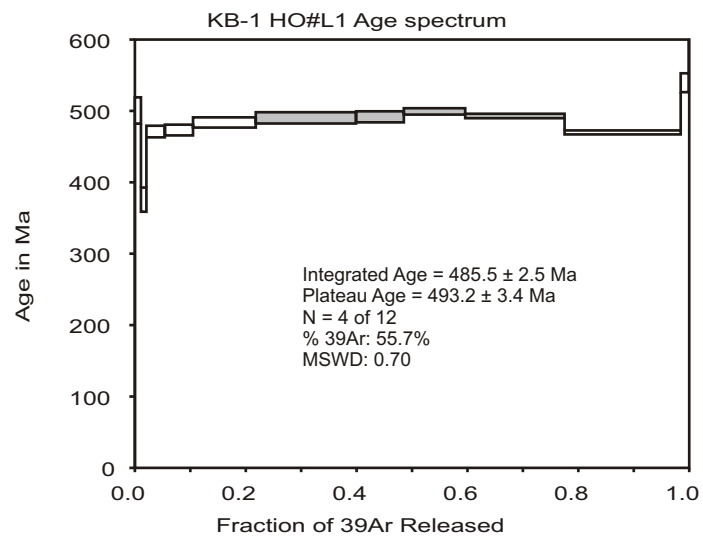




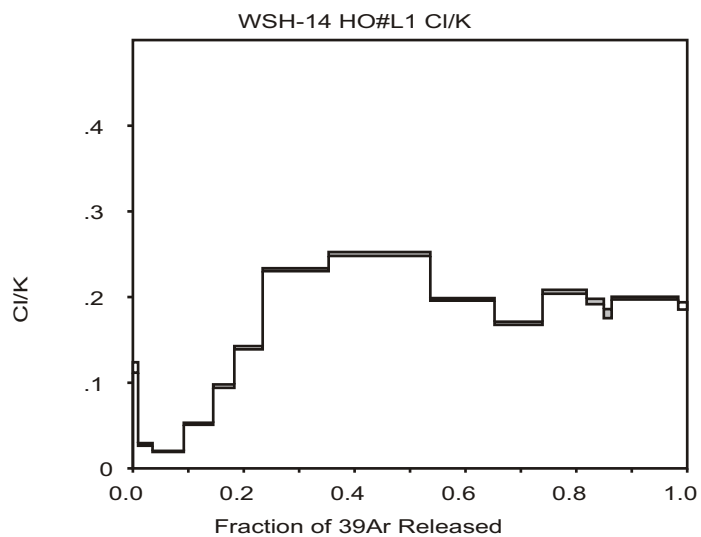
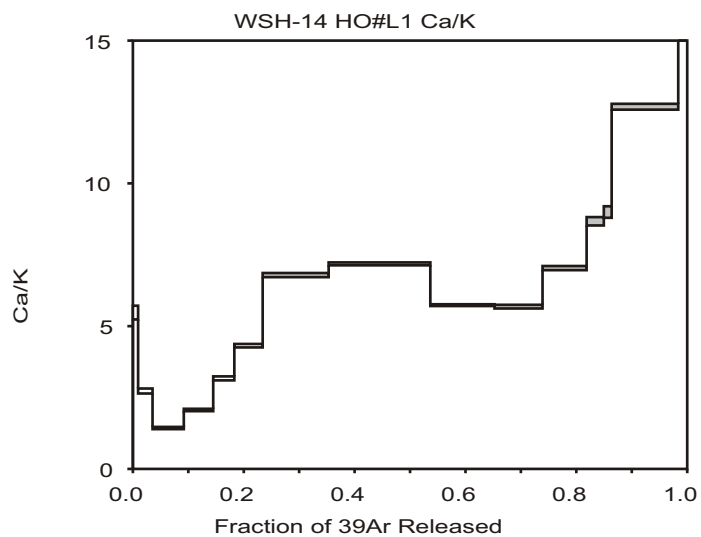
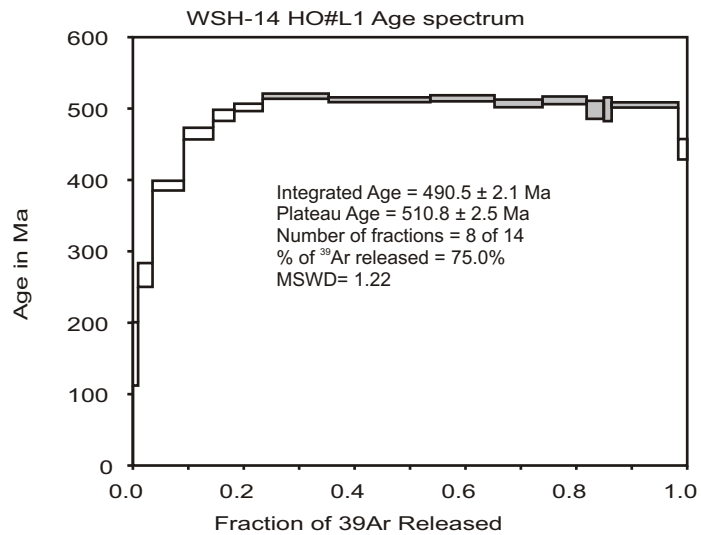
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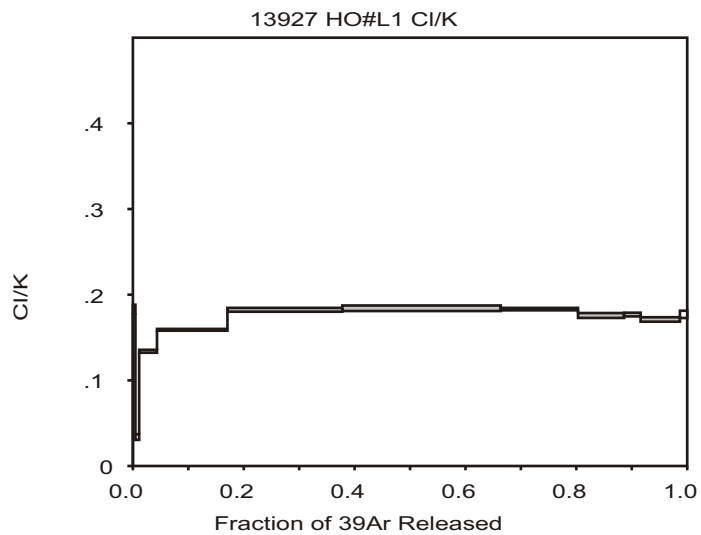
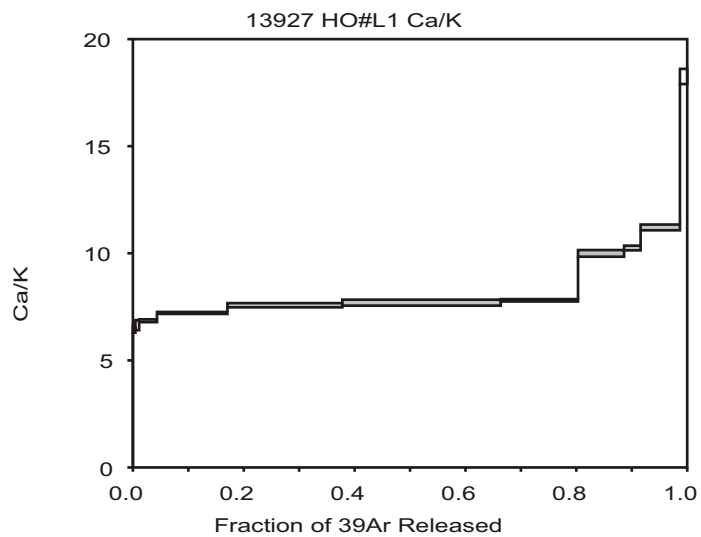
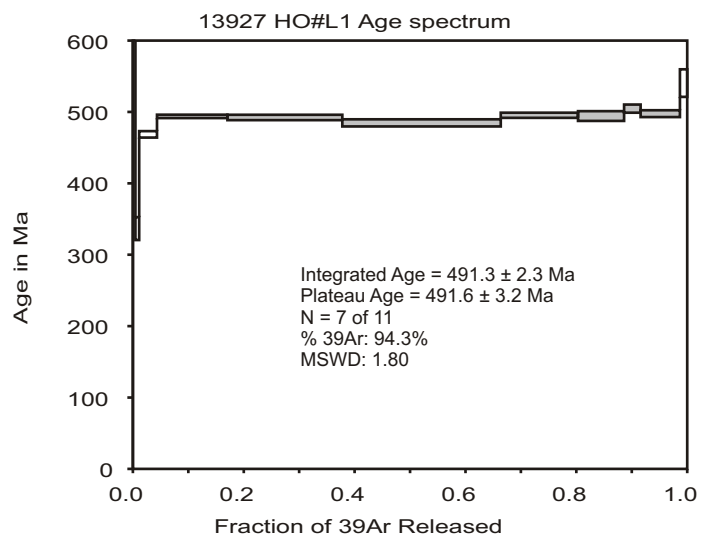
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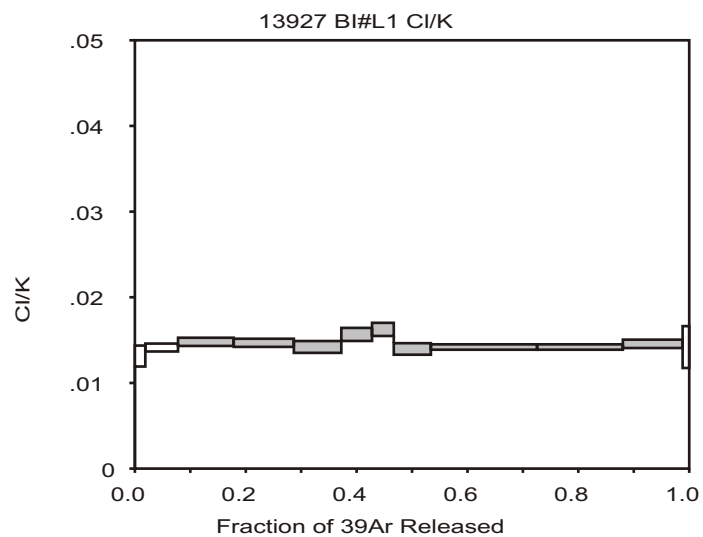
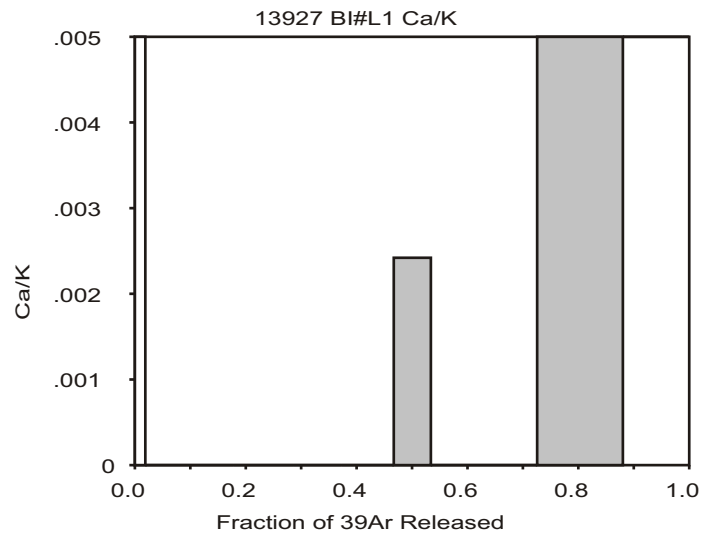
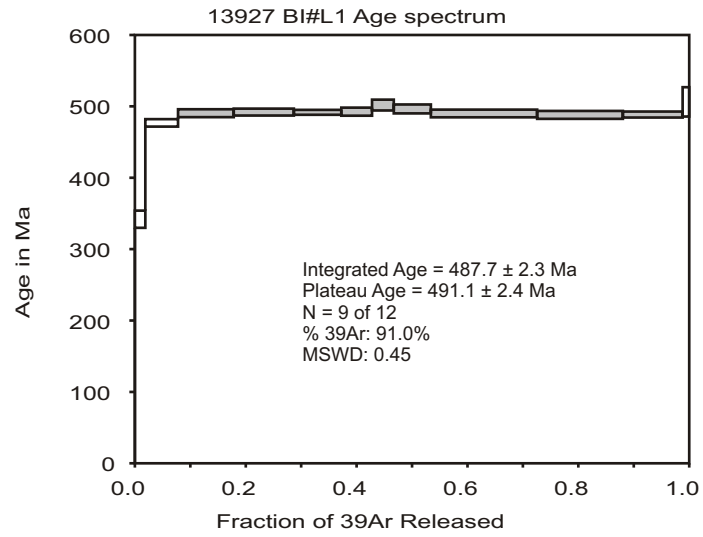
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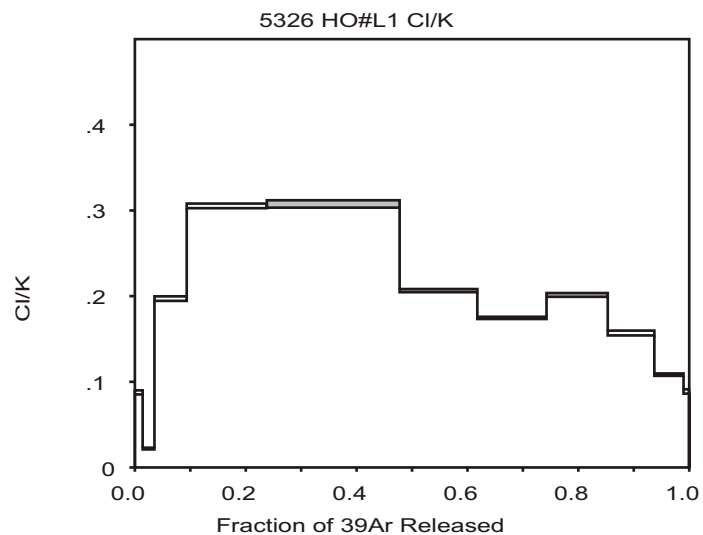
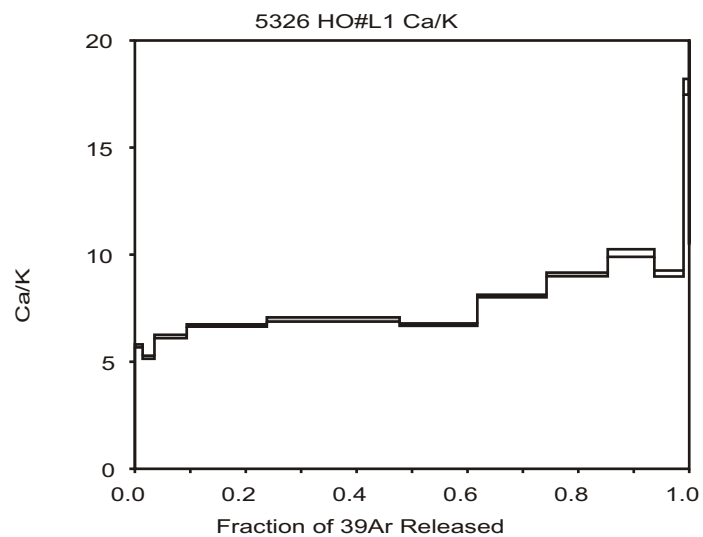
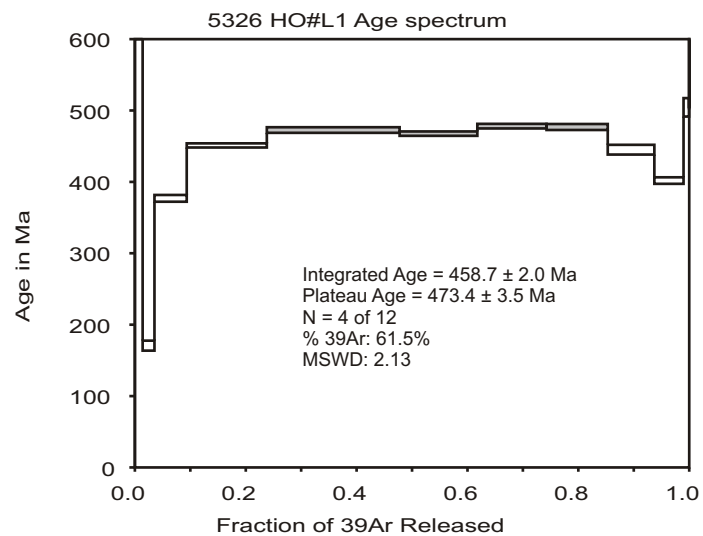




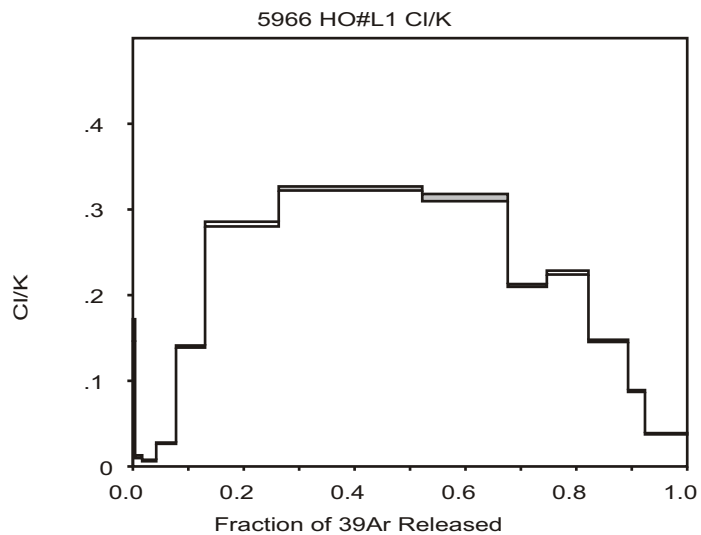
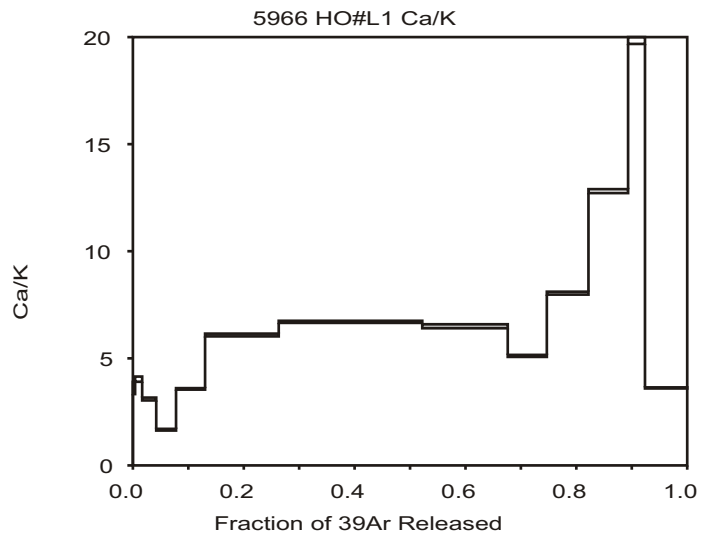
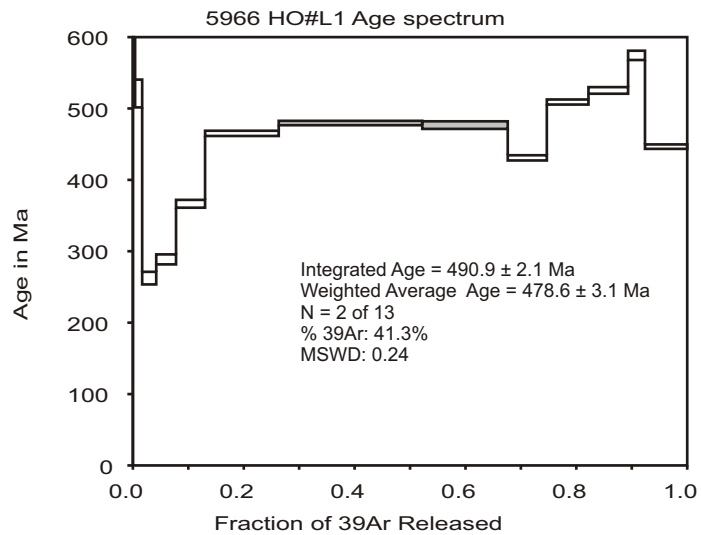
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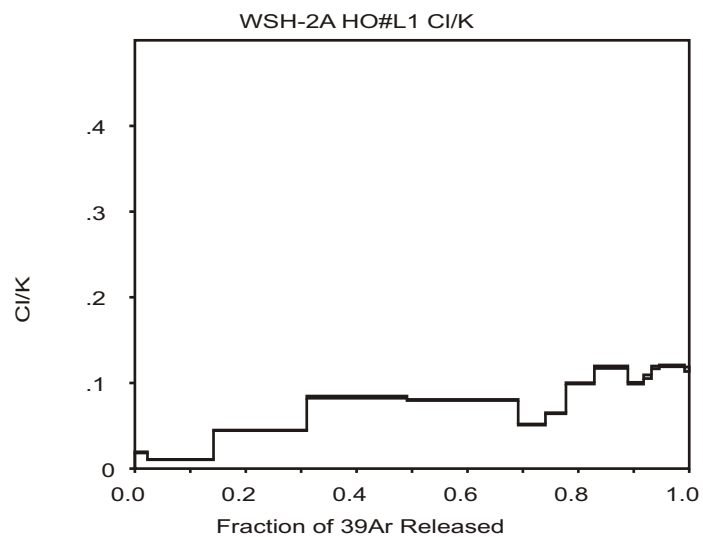
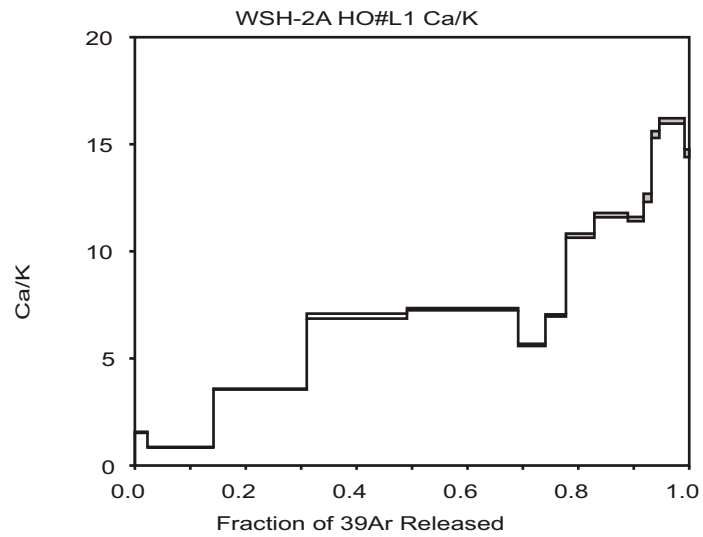
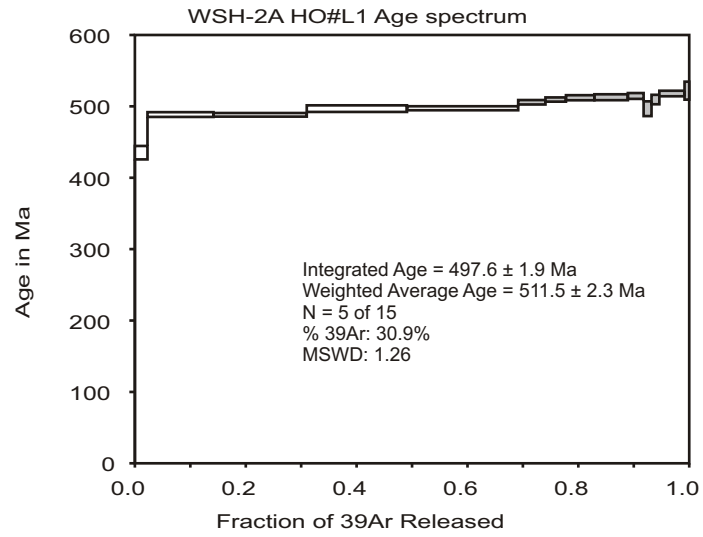
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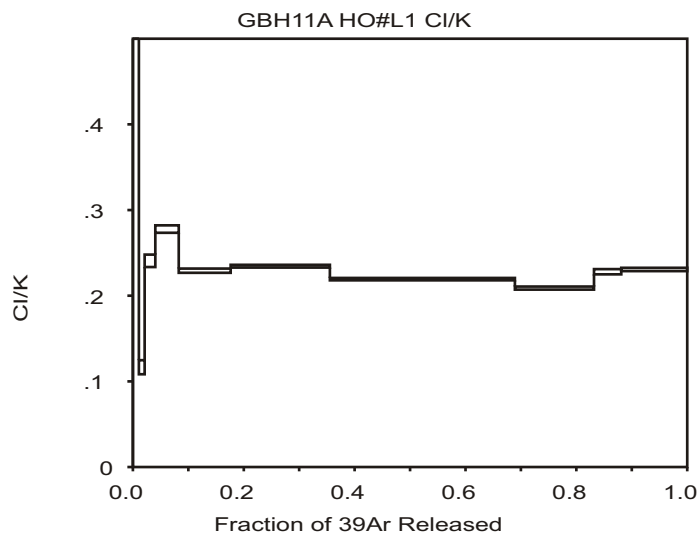
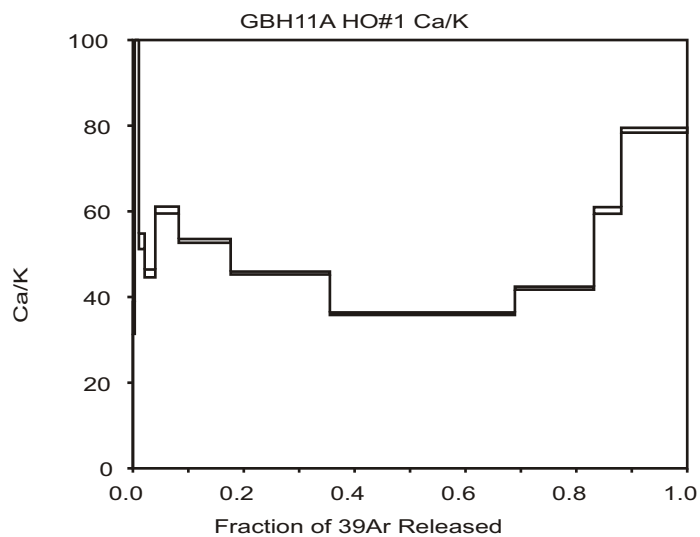
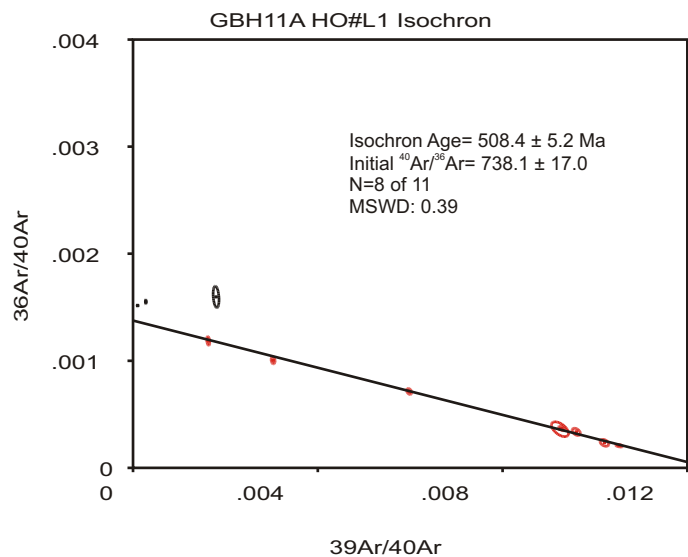
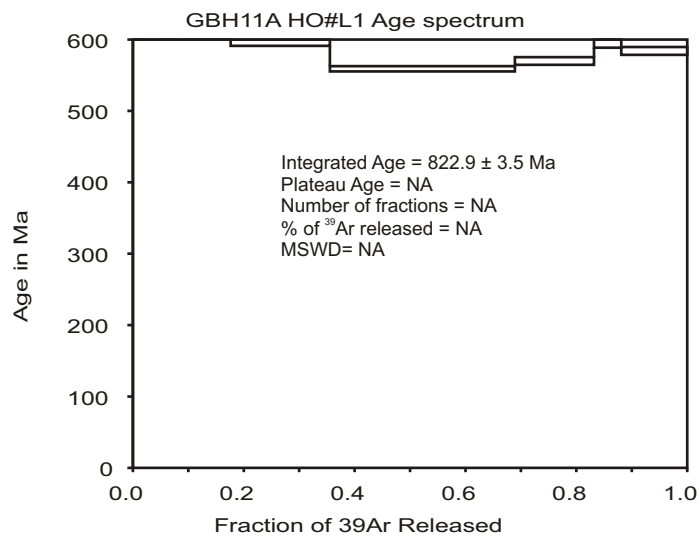
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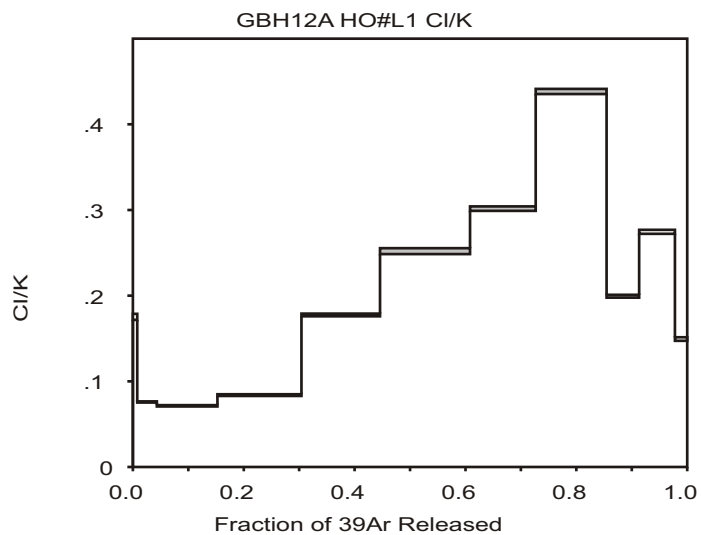
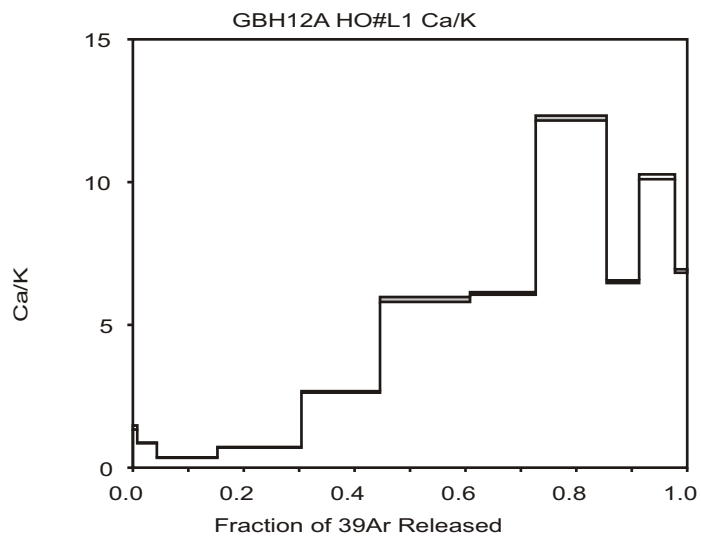
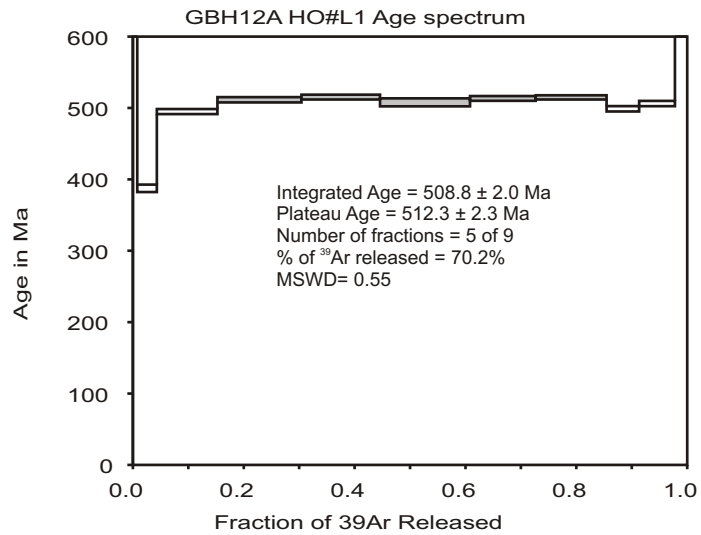


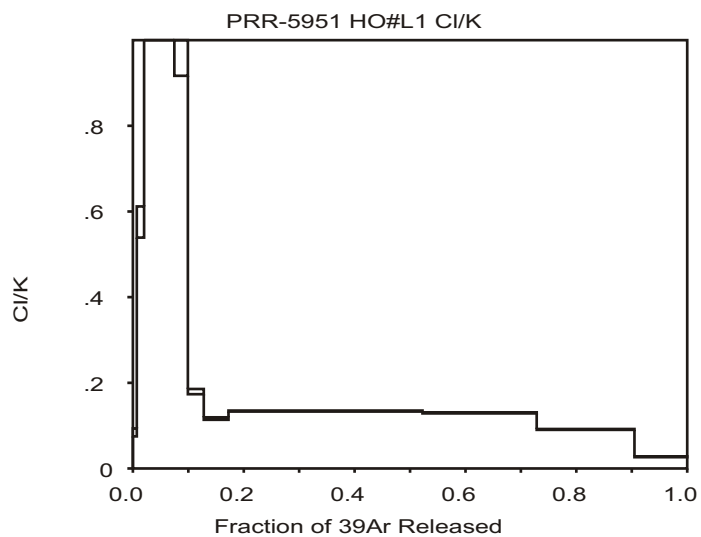
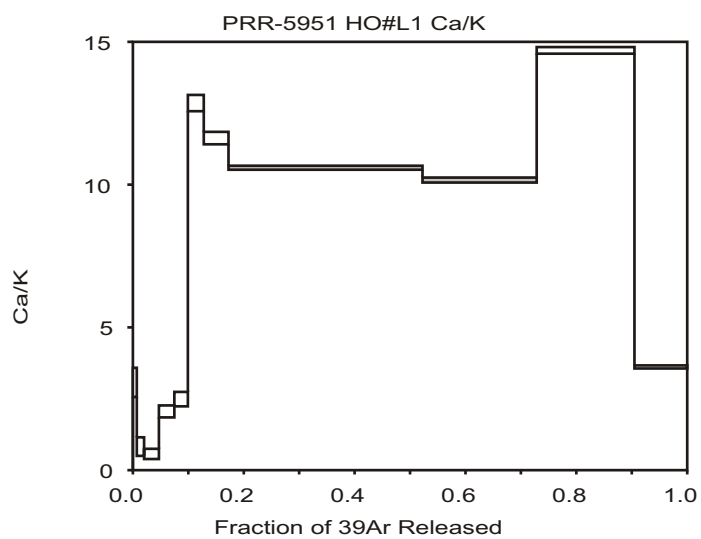
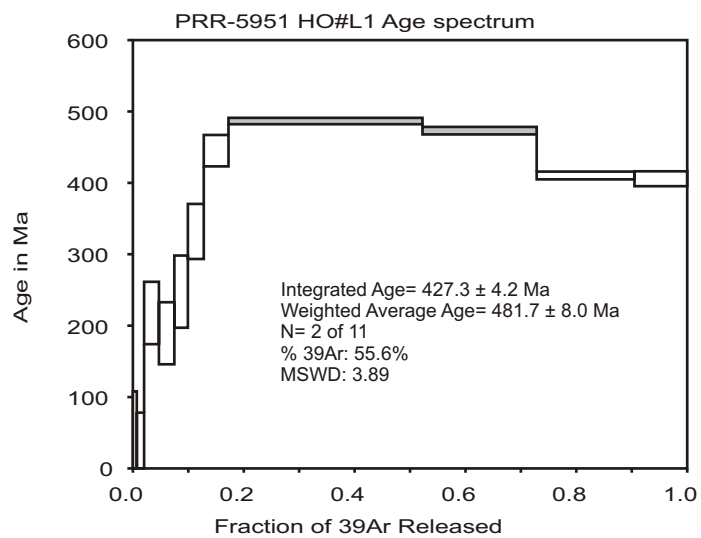
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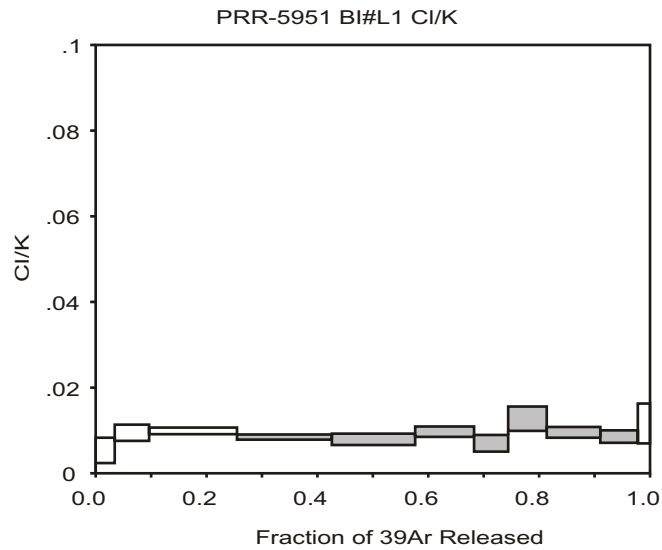
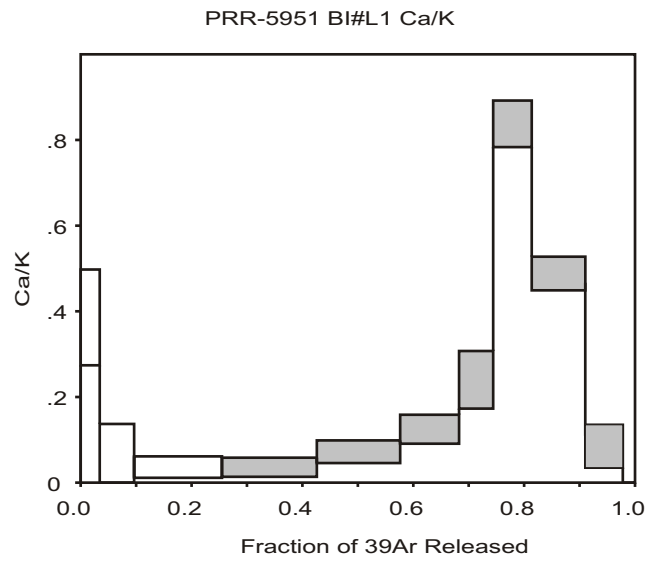
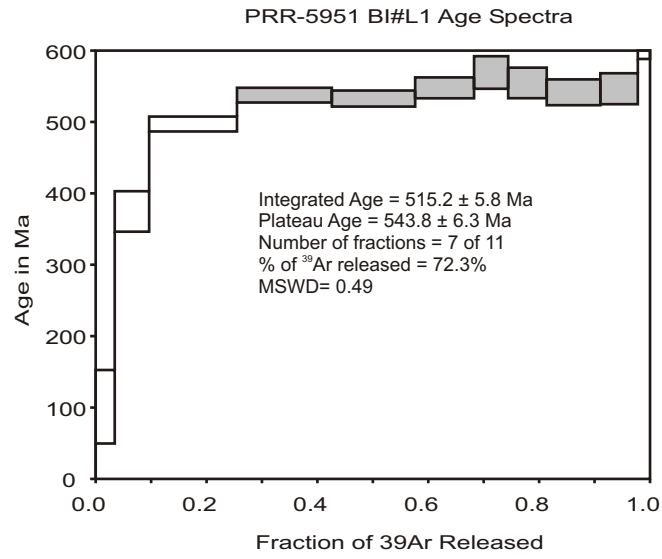
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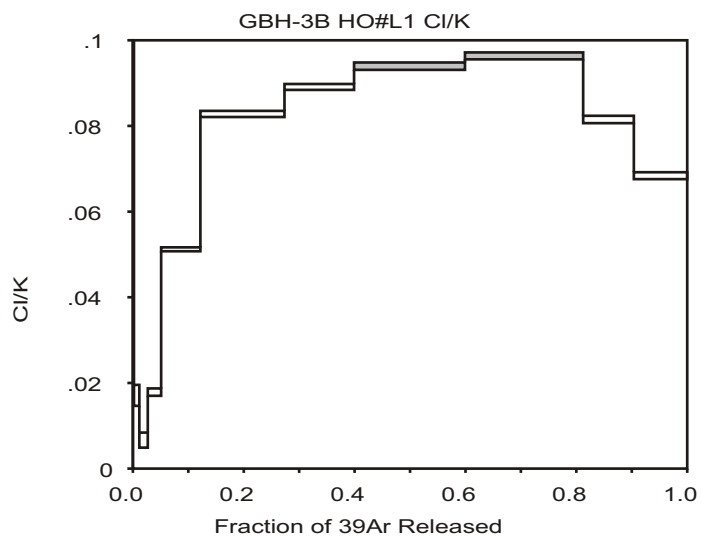
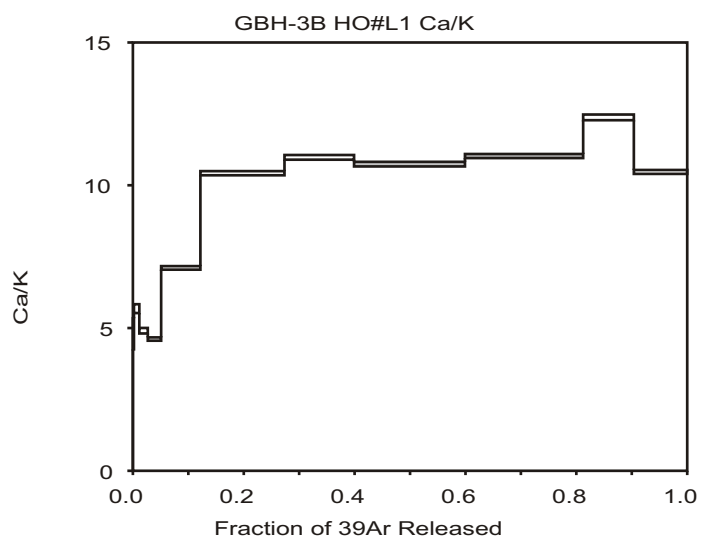
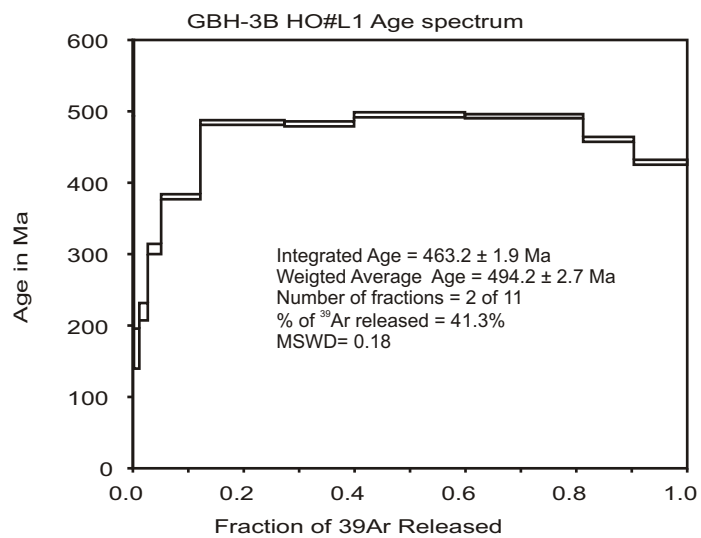


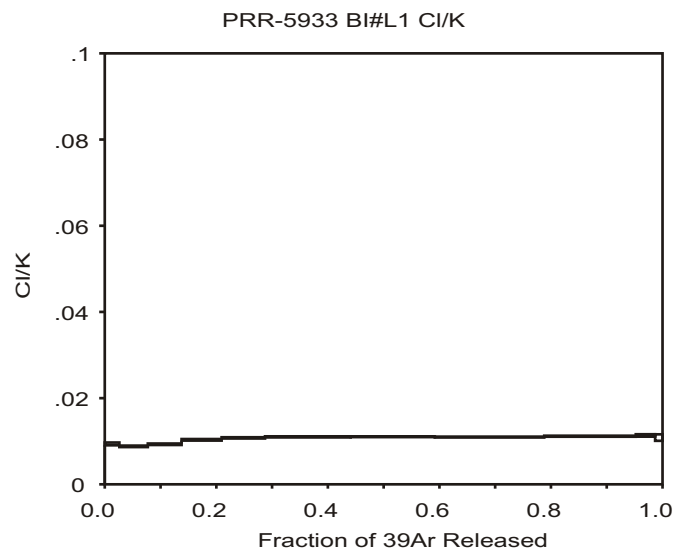
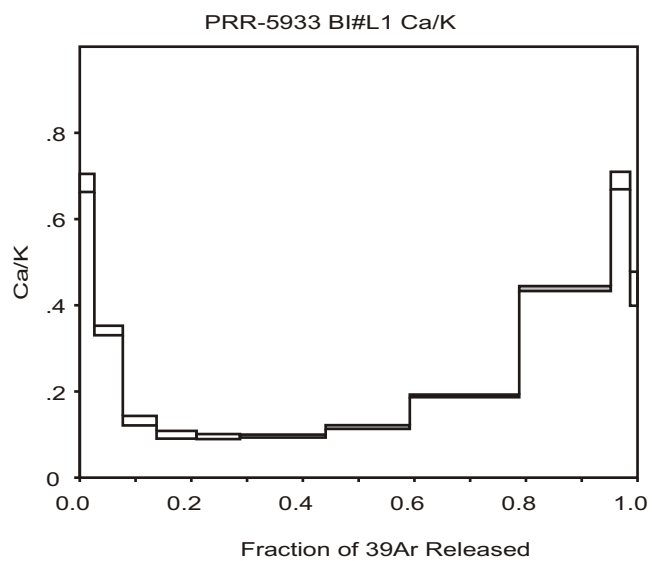
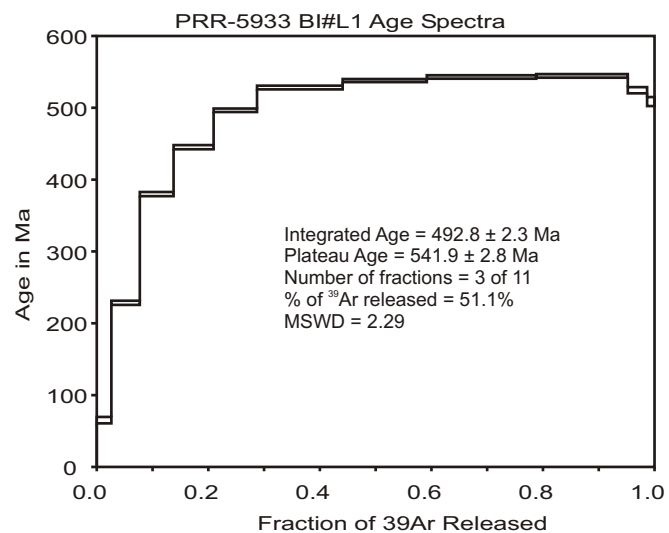






A17





A19

