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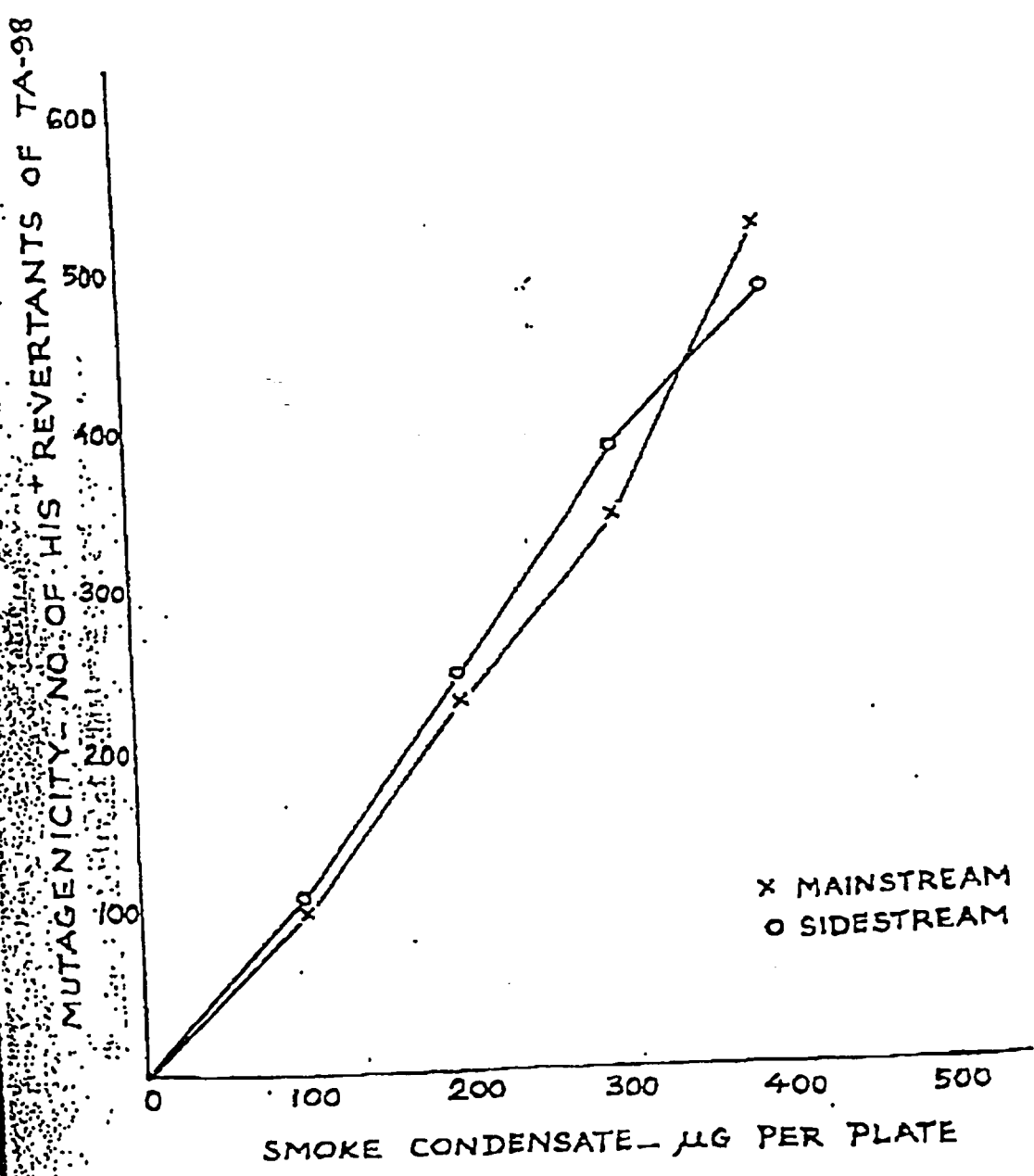
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FIGURE 1 - AMES MUTAGENICITY OF MAINSTREAM AND SIDESTREAM SMOKE CONDENSATES



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Table 1
 Mutagenic activity of mainstream and sidestream smoke condensates
 collected on Cambridge filter pads*

Condensate	Regressions from						Specific mutagenicity No. of His TA-98 per ug condensate. Mean \pm S.D.
	Logarithmic transformation of data			Untransformed data			
	Correlation Coefficient	Slope	Intercept (mutagenicity)	Correlation Coefficient	Slope (mutagenicity)		
Mainstream	0.9885	1.1606	0.4781	0.9805	1.3610	1.1197 \pm 0.15	
Sidestream	0.9689	1.0962	0.5992	0.9656	1.2598	1.2123 \pm 0.18	

* All 3 procedures of calculating mutagenicity showed no difference in activity between mainstream and sidestream smoke condensates.

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9th Report on Carcinogens

U.S. National Toxicology Program, 2000

Known Human Carcinogens:

- Alkoxims, Arsenite, Asbestos, Benzene, Benzidine, Cadmium, Chromium VI, Coke Oven Emissions, Environmental Tobacco Smoke, Mustard Gas, Nickel, Radon, Soots, Tars, Thorium Dioxide, Tobacco Smoking, Smokeless Tobacco, Sulfuric Acid Mists, Vinyl Chloride, 4-aminobiphenyl, 2-naphthylamine, and