

## Experiment A

### Cost Factors

Speed		Temp		Input		Form		Catalyst		Vessel	
Very Slow	30.3	Cold	-58.7	Smithium	24.7	Fine Powder	9.2	None	27.4	Spherical	48.1
Slow	2.6	Cool	58.0	Ricardium	28.9	Coarse Powder	15.3	Reedium Lutzite	-104.8	Cylindrical	40.4
Moderate	-1.1	Medium	3.1	Malthusium	-72.9	Granules	-28.6	Vollium Eliate	-55.0	Conical	50.9
Quick	-23.3	Warm	-7.2	Keynesium	57.0	Slurry	8.3			Cubic	-9.4
Fastest	-22.4	Hot	-7.2	Schumpeterium	-10.5					Oval	128.9
		Sizzling	-51.9	Romerium	-143.0					Pyramidal	-103.8

### Best apparent technology:

{Quick, Cold, Romerium, Granules, Reedium Lutzite, Pyramidal}. This technology had an initial cost of \$136.

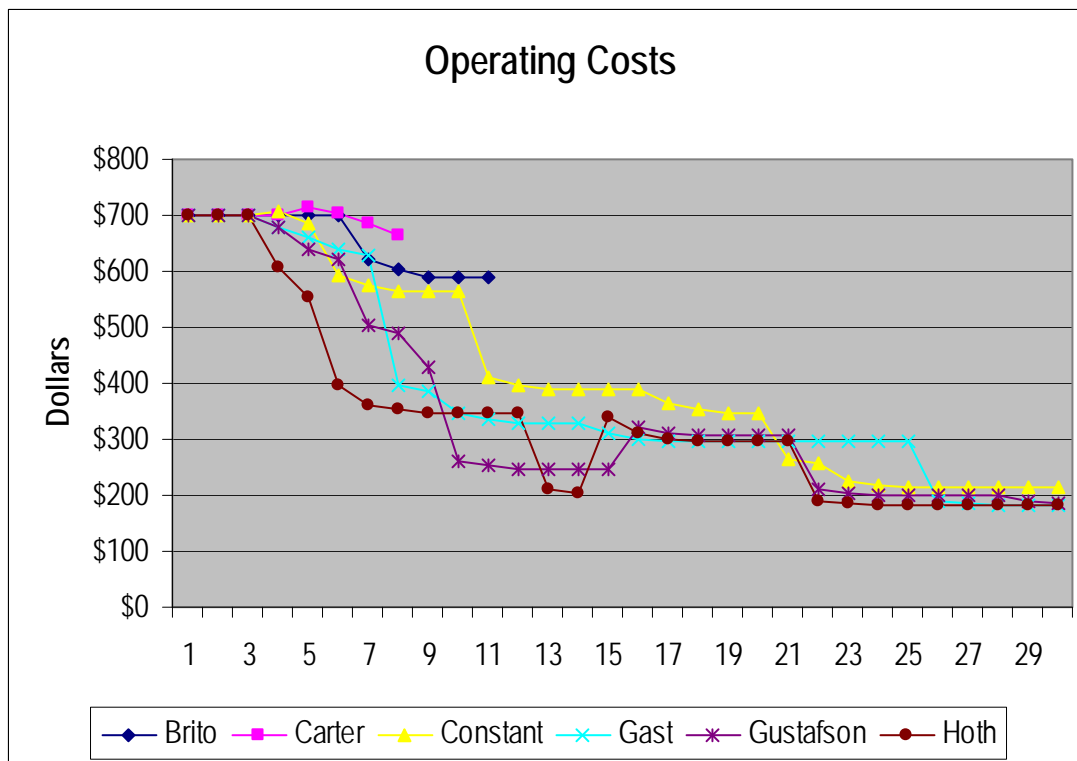
### Actual best technology:

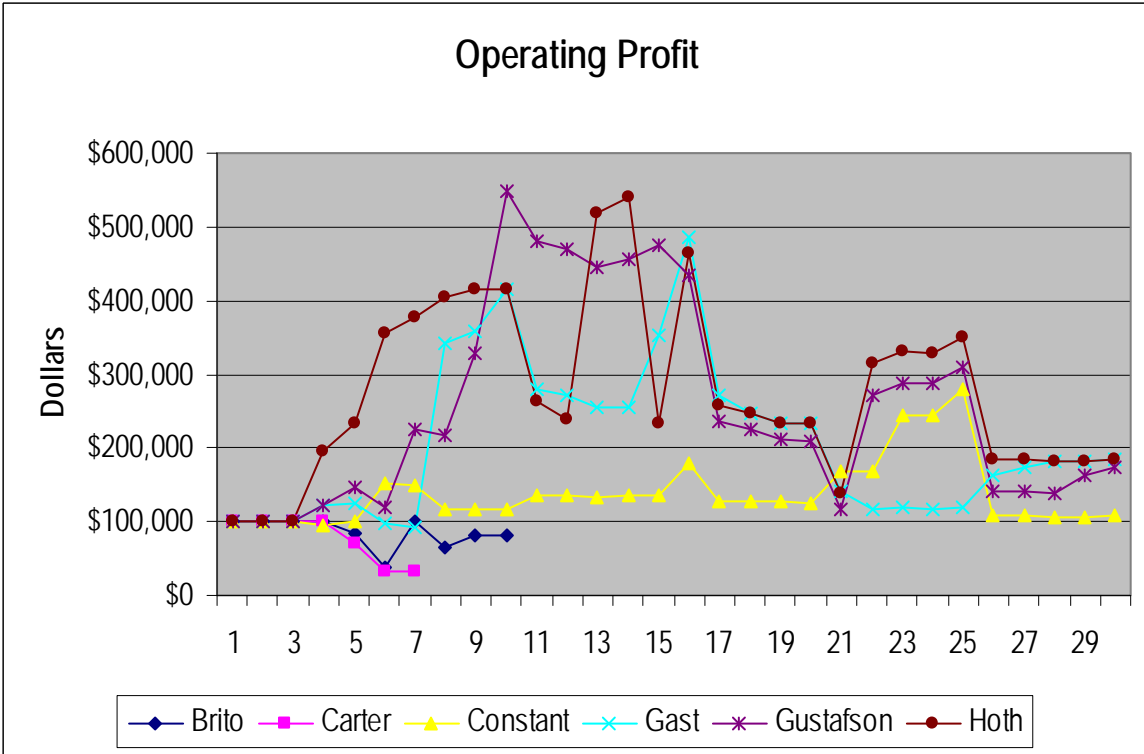
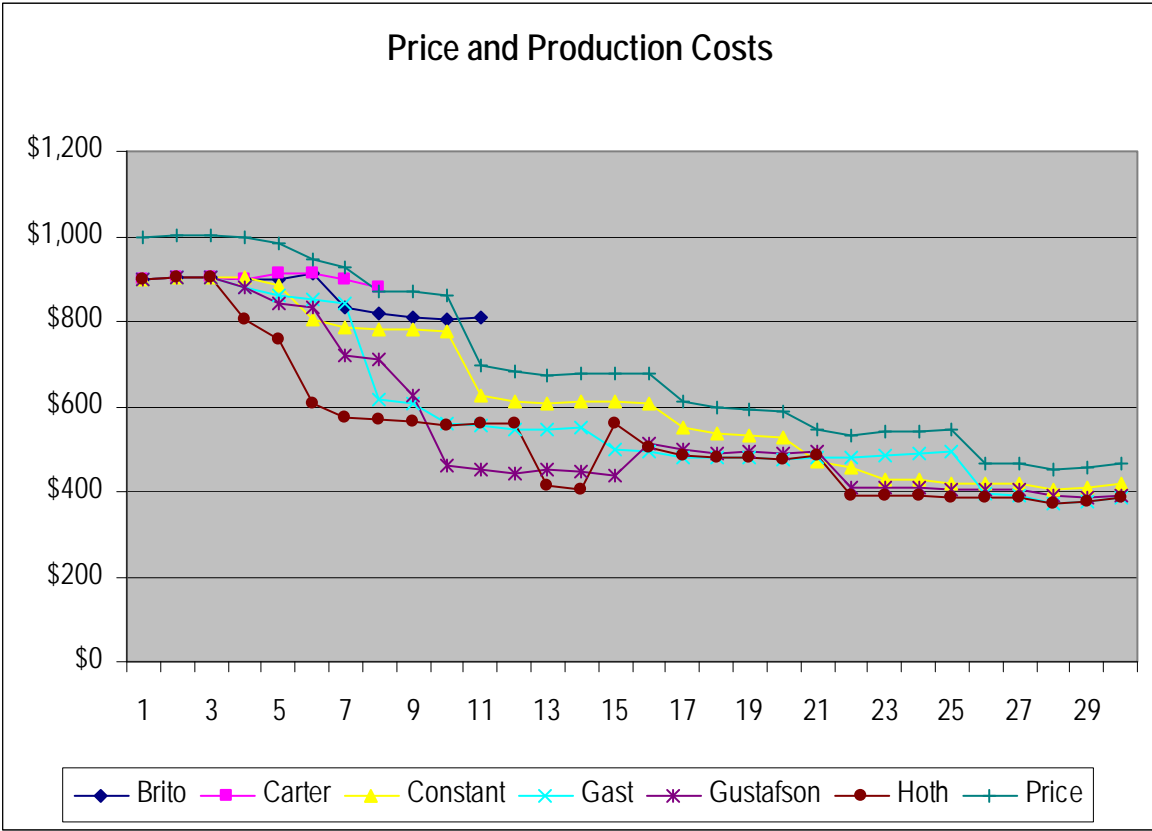
{Fastest, Cold, Romerium, Granules, Reedium Lutzite, Pyramidal } had an initial cost of \$121.

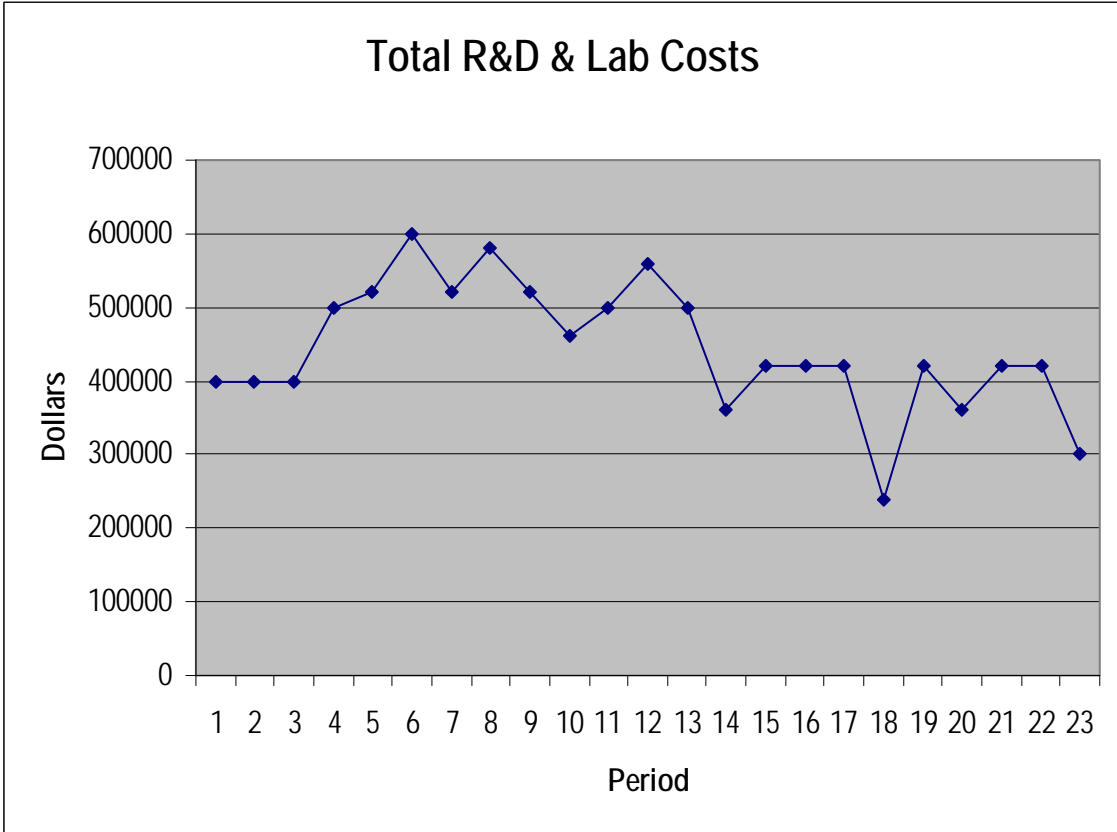
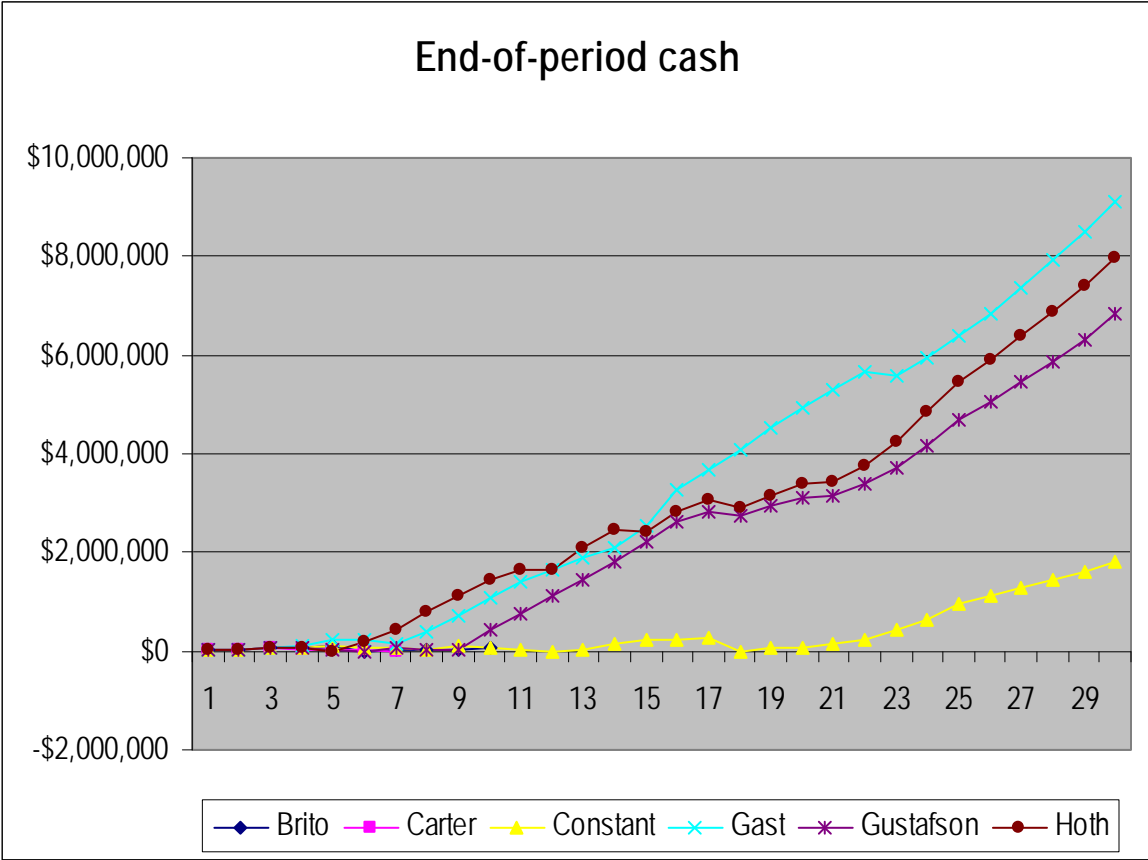
### Events:

Period 16: Ban on reedium lutzite use.

Period 18: Discovery of romerium.







### Experiment Financial Totals

	Brito	Carter	Constant	Gast	Gustafson	Hoth
Prod Revenue	\$10,527,942	\$6,991,497	\$35,333,870	\$35,333,870	\$35,333,870	\$35,333,870
Oper Cost	\$7,336,706	\$4,995,758	\$19,992,158	\$18,185,031	\$16,821,255	\$16,011,425
Mat Cost	\$2,342,907	\$1,460,525	\$11,195,417	\$10,904,820	\$10,838,015	\$11,013,060
Prod Prof	\$848,329	\$535,214	\$4,146,295	\$6,244,019	\$7,674,600	\$8,309,385
R&D Exp	\$680,000	\$440,000	\$2,020,000	\$1,060,000	\$3,260,000	\$3,340,000
Inst Exp	\$50,000	\$50,000	\$400,000	\$300,000	\$400,000	\$600,000
Other Exp	\$50,000	\$50,000	\$400,000	\$550,000	\$400,000	\$550,000
License Rev	\$0	\$0	\$0	\$150,000	\$0	\$250,000
<b>Final Cash</b>	<b>\$87,605</b>	<b>\$6,658</b>	<b>\$1,803,777</b>	<b>\$9,113,138</b>	<b>\$6,820,964</b>	<b>\$7,976,659</b>
# of Tech	7	5	15	12	29	32
<b>Best Tech</b>	<b>\$398</b>	<b>\$684</b>	<b>\$211</b>	<b>\$190</b>	<b>\$190</b>	<b>\$190</b>
Patents held	0	0	2	1	3	4

# Experiment B

## Cost Factors

Speed	Temp	Input	Form	Catalyst	Vessel						
Very Slow	10.2	Cold	-16.5	Smithium	14.7	Fine Powder	60.5	None	-35.7	Spherical	-10.3
Slow	31.2	Cool	-32.7	Ricardium	87.5	Course Powder	48.0	Reedium Lutzite	-81.2	Cylindrical	25.5
Moderate	-13.4	Medium	-32.2	Malthusium	-66.2	Granules	-22.5	Vollium Ellate	26.8	Conical	49.1
Quick	-26.3	Warm	21.6	Keynesium	-42.0	Slurry	-25.0			Cubic	-20.1
Fastest	-6.2	Hot	-37.0	Schumpeterium	13.3					Oval	5.9
		Sizzling	32.0	Romerium	-120.0					Pyramidal	-52.2

### Best apparent technology:

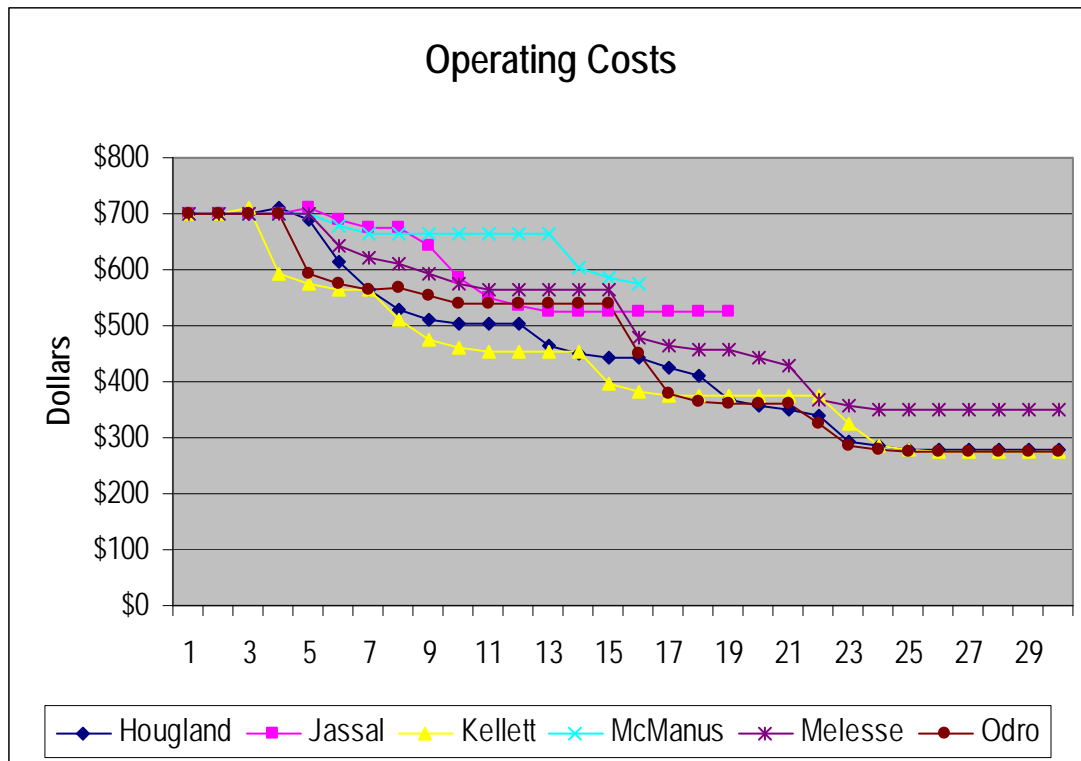
{Quick, Hot, Romerium, Slurry, Reedium Lutzite, Pyramidal}. This technology had an initial cost of \$294. This technology was known, patented, and installed by Houglan.

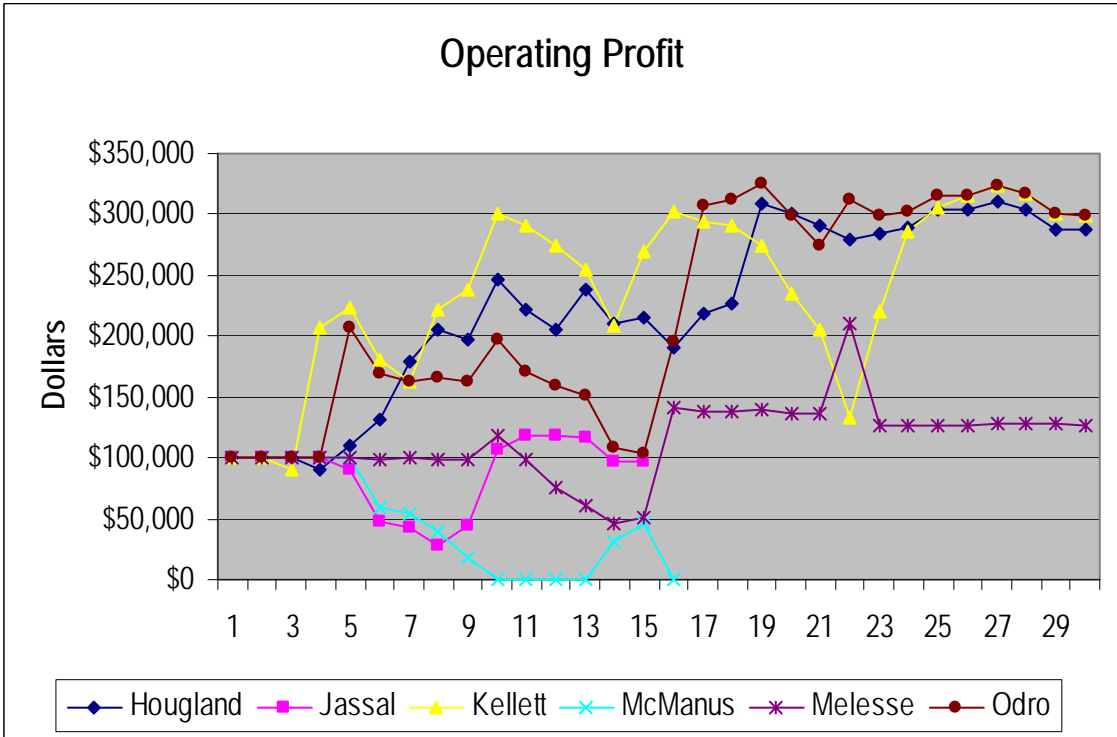
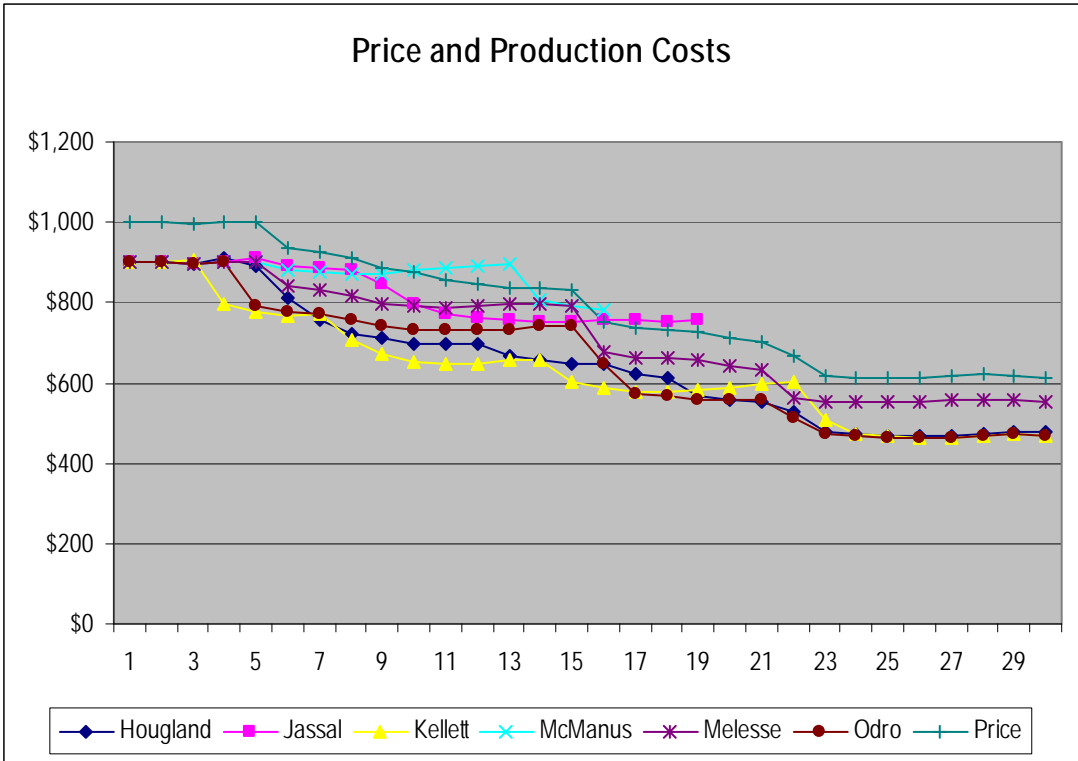
### Actual best technology:

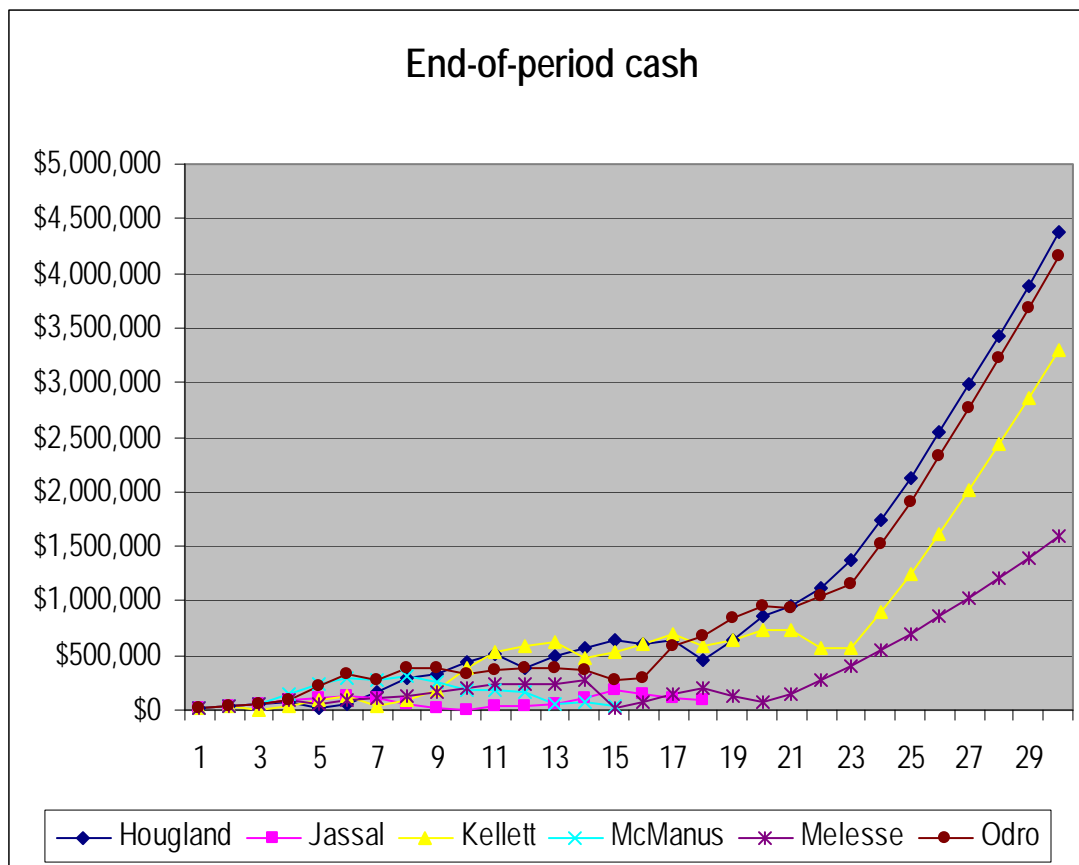
{Moderate, Hot, Romerium, Granules, Reedium Lutzite, Pyramidal } had an initial cost of \$287. This technology was known and installed by Odro in period 23 and Kellett in period 24.

### Events:

Period 18: Discovery of romerium.



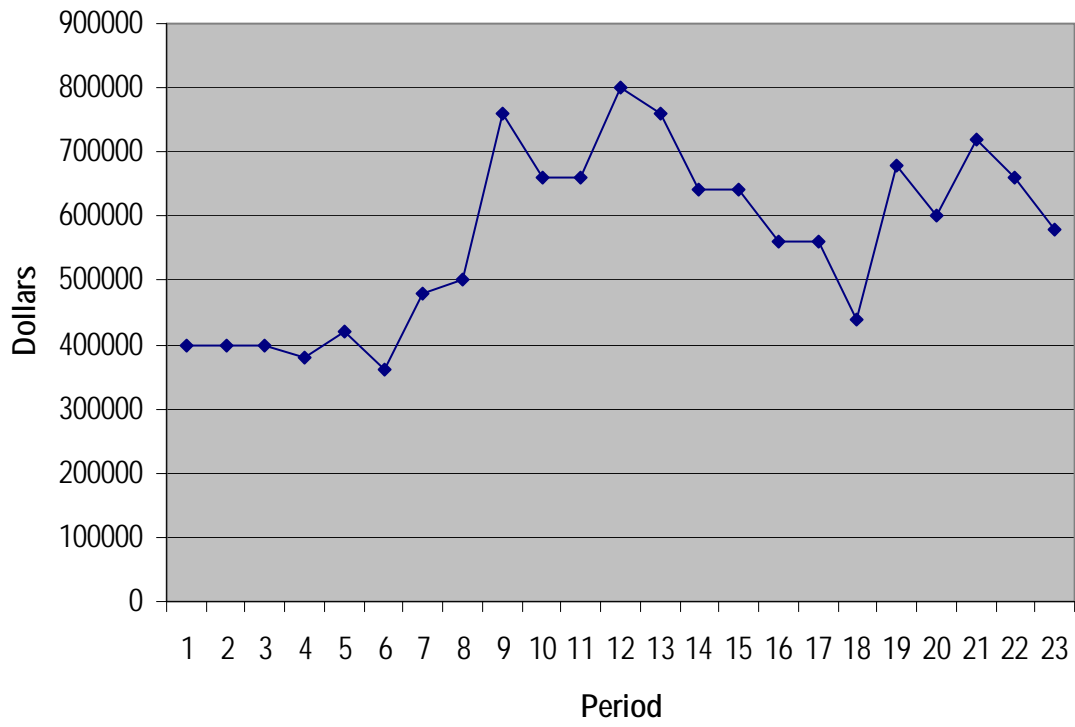




### Experiment Financial Totals

	Houglan	Jassal	Kellett	McManus	Melesse	Odro
Prod Revenue	\$35,503,358	\$15,611,471	\$35,503,358	\$10,914,326	\$35,503,358	\$35,503,358
Oper Cost	\$19,515,349	\$10,663,095	\$18,828,483	\$7,796,757	\$22,416,454	\$19,656,763
Mat Cost	\$9,249,768	\$3,641,918	\$9,448,032	\$2,371,063	\$9,678,050	\$9,188,015
Prod Prof	\$6,738,241	\$1,306,458	\$7,226,843	\$746,506	\$3,408,854	\$6,658,580
R&D Exp	\$2,740,000	\$1,240,000	\$4,320,000	\$720,000	\$1,660,000	\$2,940,000
Inst Exp	\$800,000	\$50,000	\$400,000	\$100,000	\$500,000	\$500,000
Other Exp	\$200,000	\$0	\$200,000	\$0	\$110,000	\$350,000
License Rev	\$160,000	\$0	\$0	\$0	\$0	\$0
<b>Final Cash</b>	<b>\$4,372,400</b>	<b>\$83,219</b>	<b>\$3,304,399</b>	<b>\$41,161</b>	<b>\$1,594,035</b>	<b>\$4,159,010</b>
# of Tech	25	10	36	6	14	26
Best Tech	\$294	\$551	\$287	\$604	\$368	\$287
Patents held	9	0	3	0	1	0

# Total R&D & Lab Costs



# Experiment C

## Cost Factors

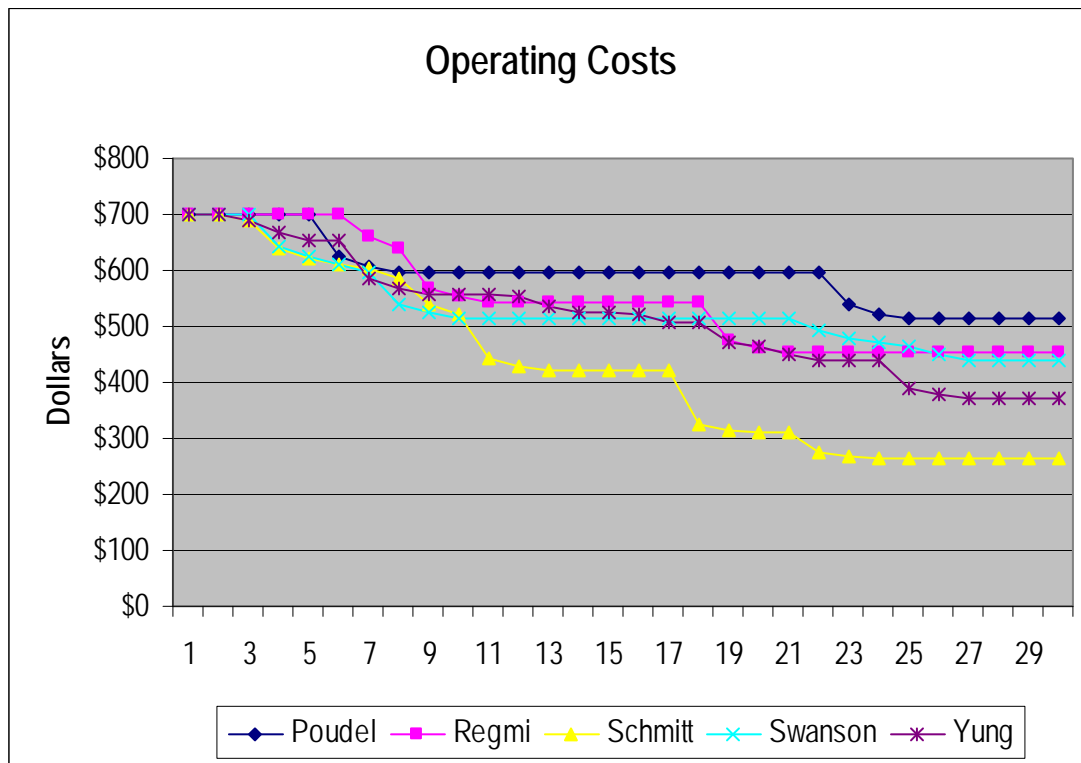
Speed		Temp		Input		Form		Catalyst		Vessel	
Very Slow	18.2	Cold	9.1	Smithium	19.3	Fine Powder	22.6	None	19.3	Spherical	-51.9
Slow	35.8	Cool	21.8	Ricardium	-63.0	Course Powder	35.2	Reedium Lutzite	-26.2	Cylindrical	-2.6
Moderate	16.6	Medium	21.4	Malthusium	-34.7	Granules	-27.5	Vollium Eliate	-44.1	Conical	-70.6
Quick	-18.8	Warm	7.1	Keynesium	-89.1	Slurry	11.1			Cubic	6.7
Fastest	-40.0	Hot	0.2	Schumpeterium	105.6					Oval	-39.9
		Sizzling	-20.1	Romerium	-150.0					Pyramidal	102.2

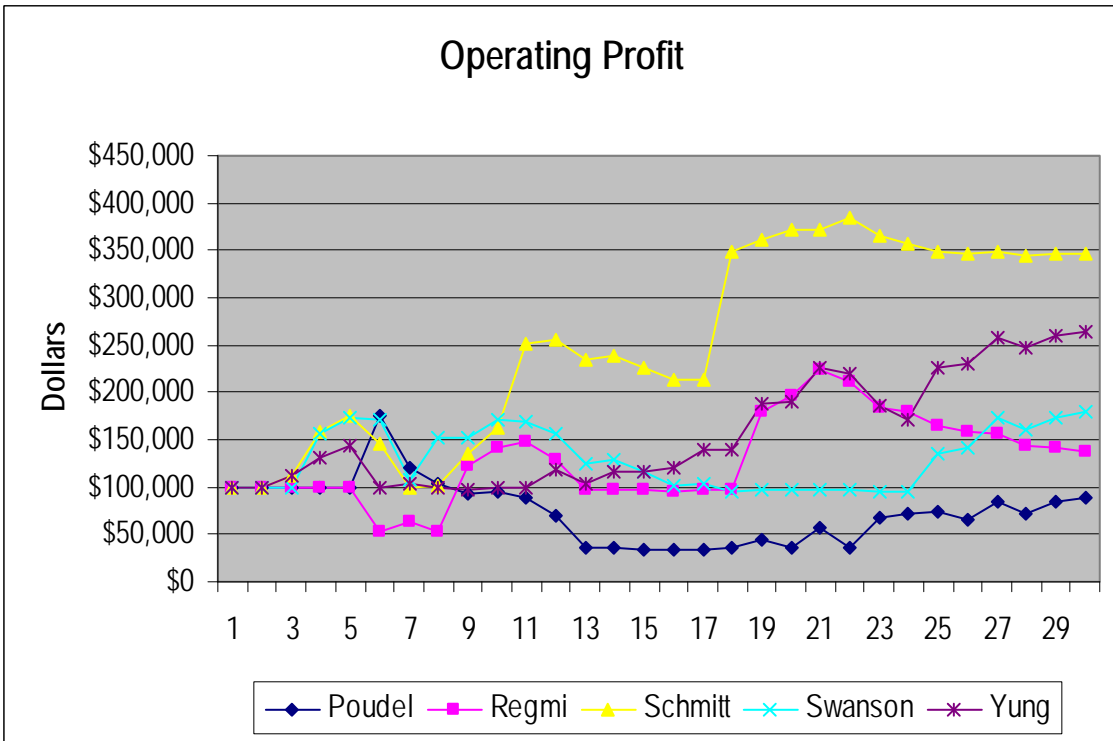
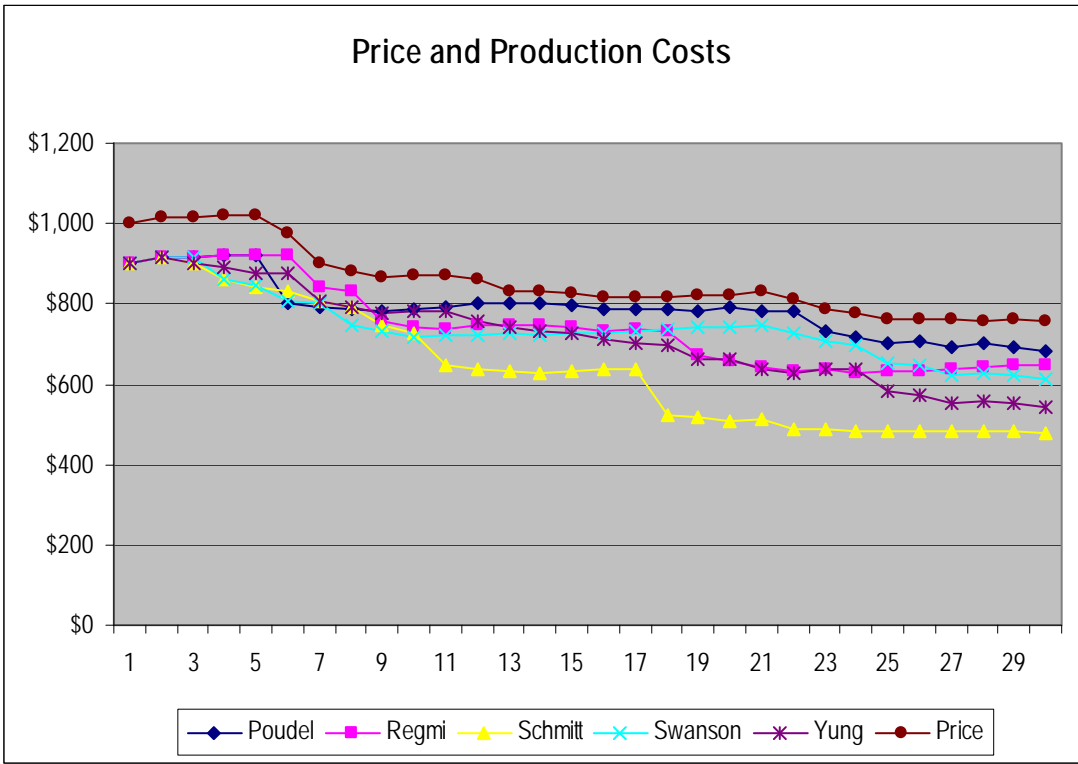
### Best apparent technology:

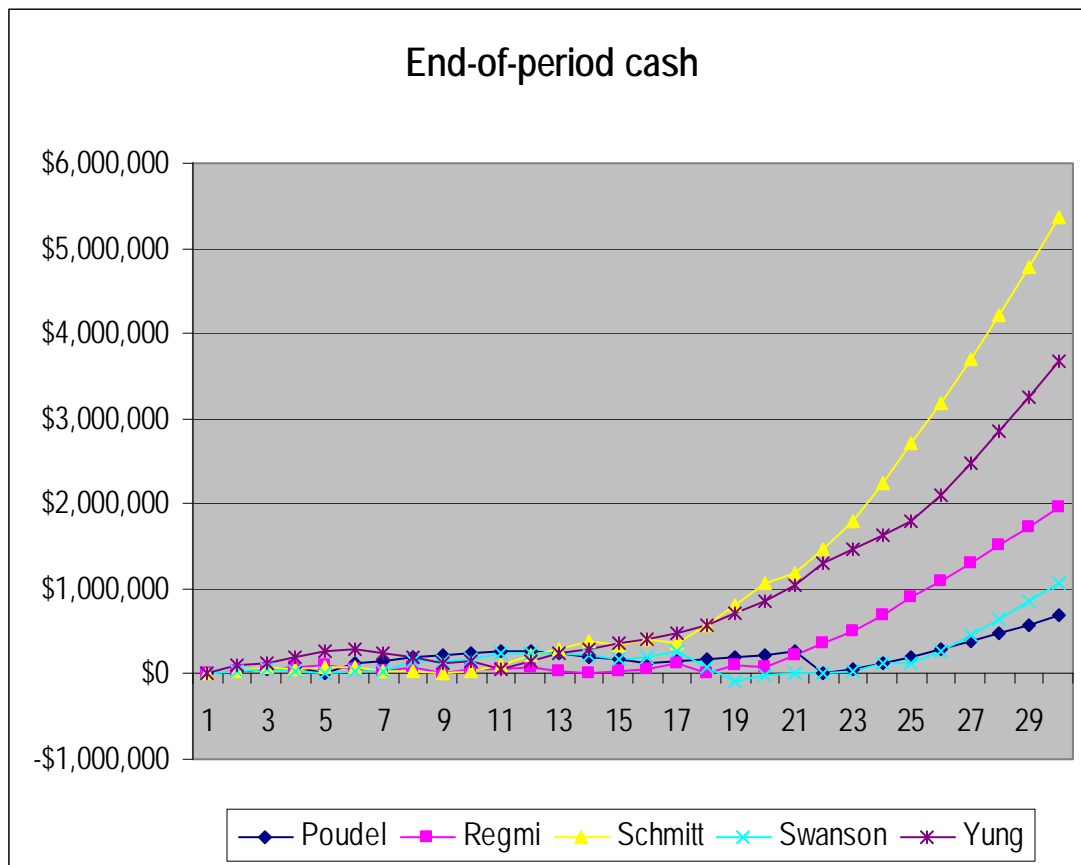
{Fastest, Sizzling, Romerium, Granules, Vollium Eliate, Conical}. This technology had an initial cost of \$248. This technology was indeed the lowest cost, but it was never discovered.

### Events:

Period 15: Discovery of romerium.







### Experiment Financial Totals

	Poudel	Regmi	Schmitt	Swanson	Yung
Prod Revenue	\$29,144,142	\$29,144,142	\$29,144,142	\$29,144,142	\$29,144,142
Oper Cost	\$20,236,260	\$18,581,149	\$14,318,629	\$18,063,651	\$17,533,206
Mat Cost	\$6,677,011	\$6,700,778	\$7,264,055	\$7,159,676	\$6,908,714
Prod Prof	\$2,230,871	\$3,862,215	\$7,561,458	\$3,920,815	\$4,702,222
R&D Exp	\$1,360,000	\$1,980,000	\$3,160,000	\$2,440,000	\$1,920,000
Inst Exp	\$450,000	\$250,000	\$400,000	\$300,000	\$300,000
Other Exp	\$0	\$150,000	\$150,000	\$350,000	\$0
License Rev	\$0	\$0	\$0	\$0	\$0
<b>Final Cash</b>	<b>\$698,383</b>	<b>\$1,956,734</b>	<b>\$5,367,341</b>	<b>\$1,073,078</b>	<b>\$3,674,452</b>
# of Tech	12	12	25	18	17
Best Tech	\$539	\$465	\$276	\$463	\$391
Patents held	1	3	0	1	0

