

DATE 22 JUN 78
BOMB 8061
IDECK 13

\$ = INCOMPLETE SPECTRUM
+ = PILL NR DID NOT MATCH
X = B-TAGWORD DID NOT MATCH
S = PEAK SHIFT GREATER THAN 5 CH
H = HALFWIDTH GREATER THAN 3.00
C = 1 MIN CH DIFF GE 3
C = 10 MIN STD - (NA-MN)/NA FLUX .LE. 0. CR .GT. .08
C = 20 MIN STD - SM FLUX DIFF BETWEEN STDS .GT. 5.0
C = LONG STD - SC FLUX DIFF BETWEEN STDS .GT. 5.0
C = 80 MIN STD - TA FLUX DIFF BETWEEN STDS .GT. 5.0

| TAGWORD | PILL | ERROR | PPM BARIUM |
|---------|------|-------|------------|
| 606246 | B | H | 0. |
| 606245 | A | H | 943.00 |
| 606293 | A | H | 943.00 |
| 606247 | C | H | 5.67 |
| 606248 | D | H | 692.01 |
| 606249 | E | H | 913.00 |
| 606250 | F | H | 1000.76 |
| 606251 | G | H | 1004.56 |
| 606252 | H | H | 511.14 |
| 606253 | I | H | 980.59 |
| 606254 | J | H | 1003.55 |
| 606255 | K | H | 1043.30 |
| 606256 | L | H | 408.55 |
| 606257 | M | H | 409.29 |
| 606258 | N | H | 1008.96 |
| 606259 | O | H | 968.05 |
| 606260 | P | H | 990.34 |
| 606261 | Q | H | 1020.77 |
| 606262 | R | H | 979.64 |
| 606263 | S | H | 989.77 |
| 606264 | T | H | 968.01 |
| 606265 | U | H | 1015.31 |
| 606266 | V | H | 1003.97 |
| 606267 | W | H | 995.48 |
| 606268 | X | H | 1075.76 |
| 606269 | Y | H | 1045.62 |
| 606270 | Z | H | 123.37 |
| 606271 | 1 | H | 119.93 |
| 606272 | 2 | H | 119.89 |
| 606273 | 3 | H | 128.18 |
| 606274 | 4 | H | 127.43 |
| 606275 | 5 | H | 119.10 |
| 606276 | 6 | H | 118.59 |
| 606277 | 7 | H | 123.14 |
| 606278 | 8 | H | 128.43 |
| 606279 | 9 | H | 127.39 |
| 606280 | + | H | 120.71 |
| 606281 | - | H | 128.44 |
| 606282 | * | H | 125.25 |

| | | | |
|--------|----|---|---------|
| 606283 | / | H | 116.13 |
| 606284 | { | H | 122.89 |
| 606285 | \$ | H | -100.18 |
| 606286 | . | H | 128.28 |
| 606287 |] | H | 123.73 |
| 606288 | # | H | 127.96 |
| 606289 | > | H | 113.46 |
| 606290 | ^ | H | 126.62 |
| 606291 | † | H | 121.01 |
| 606292 | ; | H | 124.40 |

8061 B BACK BACKGROUND
GAMMA SPECTRUM-B 606246

WEIGHT OF STD = 100.00000 MG EOB = 0. MJD IRRADIATION TIME = 0. MIN DECAY TIME = 0. DAYS
COUNT TIME = 39.998 MIN C/SEC BEG. = 0 C/SEC END = 0 START TIME = -0. MJD

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 5.28CHANNELS

| STANDARD HALF GAMMA LIFE ENERGY DAYS KEV | ELEMENT FRACTION OF STANDARD | GROSS COUNTS | BKGD COUNTS | BKGD OPT. MULT. | APPR PEAK CHAN | REAL PEAK CHAN | N SP | I APPROX CPM BKGD CHAN | ISOTOPE ABUND. O/O | CALCULATED FLUX |
|--|------------------------------|--------------|-------------|-----------------|---|----------------|------|------------------------|--------------------|-----------------|
| 1 BKSCAT-0. *0060 1.000 +/-0. | E -1 | 4230 | | 0 -41 .000 | 489 491 27 2 13 | 4230.0 | -0. | 4.230 +/- .065E | 4 | |
| 1 SN -0. *0025 1.000 +/-0. | E -1 | 14595 | | 267 -16-0. | *0233 235 7 0 7 | 33872.3 | -0. | 3.387 +/- .060E | 5 | |
| 1 BA -0. *0032 9.430 +/-0. | E -4 | 211 | | 155 -7-0. | *0630 304 14 1 8 | 132.4 | -0. | 1.404 +/- .601E | 5 | |
| SN PEAK IS AT CHANNEL 234.87 WITH HALFWIDTH OF | | | | 4.76. | BA PEAK IS INTEGRATED BEGINNING EXACTLY | | | 63.00 CHANNELS HIGHER. | | |
| 1 LA -0. *0033 2.470 +/-0. | E -5 | 137 | | 116 -6-0. | *0780 318 11 0 6 | 49.6 | -0. | 2.010 +/- 2.660E | 6 | |
| SN PEAK IS AT CHANNEL 234.87 WITH HALFWIDTH OF | | | | 4.76. | LA PEAK IS INTEGRATED BEGINNING EXACTLY | | | 78.00 CHANNELS HIGHER. | | |
| 1 CE -0. *0035 4.840 +/-0. | E -5 | 200 | | 201 -8-0. | *0900 331 14 0 9 | -2.4 | -0. | -4.884 +/- *5.200E | 4 | |
| SN PEAK IS AT CHANNEL 234.87 WITH HALFWIDTH OF | | | | 4.76. | CE PEAK IS INTEGRATED BEGINNING EXACTLY | | | 90.00 CHANNELS HIGHER. | | |

8061 B BACK BACKGROUND
GAMMA SPECTRUM-B 606246

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 5.28CHANNELS
STD NUMBER 1 -606246 B SAMPLE WEIGHT = 100.00000 MG DEAD TIME = .04 0/0 EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 0. DAYS COUNT TIME = 39.998 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = -0. MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

| NUCLIDE | HALF LIFE | GAMMA ENERGY | GAMMA INTENS. | COUNTS | CROSS SECT | GROSS COUNTS | BKGD APPR | REAL PEAK | FLUX(N/MIN-CM ²) | CPM DECAY | MULT | ELEMENT | ELEMENT ABUNDANCE |
|---------|-----------|--------------|---------------|--------|------------|--------------|-----------|-----------|------------------------------|--------------|---------|---------|-------------------|
| | DAYS | KEV | 0/0 | 0/0 | BARNS | CHAN | CHAN | CHAN | | CORR. | | | |
| BKSCAT | -0. | *0060 | -0. | -0. | -0. | 4230 | 0 | 489 491 | 4.230 +/- .065E 4 | -.0 | 1.00000 | -.024 | +/- 1.538E-10 |
| SN | -0. | *0025 | -0. | -0. | -0. | 14595 | 267*0233 | 235 | 3.387 +/- .060E | 5*0459916.0 | 1.00000 | -.000 | +/- 1.834E 18 SN |
| BA | -0. | *0032 | -0. | -0. | -0. | 211 | 155*0630 | 304 | 1.404 +/- .601E | 5*4273154.3 | 1.00000 | -.000 | +/- 1.730E 16 BA |
| LA | -0. | *0033 | -0. | -0. | -0. | 137 | 116*0780 | 318 | 2.010 +/- 2.660E | 6*0352432.9 | 1.00000 | -.000 | +/- 4.530E 14 LA |
| CE | -0. | *0035 | -0. | -0. | -0. | 200 | 201*0900 | 331 | 10.000 +/- .000E | -6*6683449.2 | 1.00000 | .000 | +/- 4.336E 24 CE |
| | | | | | | I | | | | | | | |

SN PEAK IS AT CHANNEL 234.87 WITH HALFWIDTH OF 4.76. BA PEAK IS SUMMED STARTING 63.00 CHANNELS HIGHER.
LA PEAK IS AT CHANNEL 234.87 WITH HALFWIDTH OF 4.76. LA PEAK IS SUMMED STARTING 78.00 CHANNELS HIGHER.
CE PEAK IS AT CHANNEL 234.87 WITH HALFWIDTH OF 4.76. CE PEAK IS SUMMED STARTING 90.00 CHANNELS HIGHER.
COUNT RATE CORRECTION FOR LAST ELEMENT = I

8061 A LUB-30 EL CHAYAL CONTROL (L-122)
GAMMA SPECTRUM-B 606245

WEIGHT OF STD = 100.00000 MG EOB = 0. MJD IRRADIATION TIME = 0. MIN DECAY TIME = 0. DAYS
COUNT TIME = 39.996 MIN C/SEC BEG. = 0 C/SEC END = 0 START TIME = -0. MJD

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 5.26CHANNELS

| STANDARD HALF GAMMA LIFE ENERGY DAYS | GROSS COUNTS | BKGD COUNTS | BKGD OPT. | APPR MULT. | REAL PEAK CH | N I APPROX CPM | ISOTOPE ABUND. | CALCULATED FLUX |
|--|--------------|---|-----------|------------|--------------|----------------|------------------------|--------------------|
| ELEMENT FRACTION OF STANDARD KEV | | | | | CHAN | CHAN | BKGD CHAN | O/O |
| 1 BKSCAT-0. *0060 1.000 +/-0. | 169596 | 1 -41 .000 | 489 | 492 27 | 2 13 | 165365.0 | -0. | 1.654 +/- .004E 6 |
| 1 SN -0. *0025 1.000 +/-0. | 57789 | 2293 -16-0. | *0233 | 235 7 | 0 7 | 2364.1 | -0. | 2.364 +/- .012E 4 |
| 1 BA -0. *0032 9.430 +/-0. | 25439 | 2709 -7-0. | *0630 | 304 14 | 1 8 | 968.3 | -0. | 1.027 +/- .008E 6 |
| SN PEAK IS AT CHANNEL 234.86 WITH HALFWIDTH OF 4.84. | | BA PEAK IS INTEGRATED BEGINNING EXACTLY | | | | | 63.00 CHANNELS HIGHER. | |
| 1 LA -0. *0033 2.470 +/-0. | 1804 | 1556 -6-0. | *0780 | 318 11 | 0 6 | 10.6 | -0. | 4.277 +/- 1.756E 5 |
| SN PEAK IS AT CHANNEL 234.86 WITH HALFWIDTH OF 4.84. | | LA PEAK IS INTEGRATED BEGINNING EXACTLY | | | | | 78.00 CHANNELS HIGHER. | |
| 1 CE -0. *0035 4.840 +/-0. | 2632 | 1588 -8-0. | *0900 | 331 14 | 0 9 | 44.5 | -0. | 9.189 +/- 1.033E 5 |
| SN PEAK IS AT CHANNEL 234.86 WITH HALFWIDTH OF 4.84. | | CE PEAK IS INTEGRATED BEGINNING EXACTLY | | | | | 90.00 CHANNELS HIGHER. | |

8061 A LUB-30 EL CHAYAL CONTROL (L-122)
GAMMA SPECTRUM-B 606245

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 5.26CHANNELS
 STD NUMBER 1 -606245 A SAMPLE WEIGHT = 100.00000 MG DEAD TIME = .64 O/O EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = 0. DAYS COUNT TIME = 39.996 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = -0. MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

8061 A LUB-30 EL CHAYAL CONTROL (L-122)
GAMMA SPECTRUM-B 606293

WEIGHT OF STD = 100.00000 MG EOB = 0. MJD IRRADIATION TIME = 0. MIN DECAY TIME = 0. DAYS
COUNT TIME = 39.995 MIN C/SEC BEG. = 0 C/SEC END = 0 START TIME = -0. MJD

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 5.31CHANNELS

| STANDARD HALF LIFE | GAMMA ENERGY | ELEMENT | GROSS COUNTS | BKGD COUNTS | BKGD OPT. | BKGD MULT. | APPR PEAK CHAN | REAL PEAK CHAN | N SP | I APPROX CPM | CALCULATED FLUX |
|--------------------|--------------|--|--------------|-------------|-----------|---|----------------|----------------|------|--------------|------------------------|
| DAYS | KEV | FRACTION OF STANDARD | | | | | | | | | |
| 2 BKSCAT | -0. *0060 | 1.000 +/- 0. | E -1 | 174466 | 1 | -41 | .000 489 | 492 27 | 2 | 13 170235.0 | -0. 1.702 +/- .004E 6 |
| 2 SN | -0. *0025 | 1.000 +/- 0. | E -1 | 59074 | 2273 | -16-0. | *0233 | 235 7 | 0 | 7 2354.5 | -0. 2.355 +/- .012E 4 |
| 2 BA | -0. *0032 | 9.430 +/- 0. | E -4 | 26226 | 2825 | -7-0. | *0630 | 304 14 | 1 | 8 970.0 | -0. 1.029 +/- .008E 6 |
| | | SN PEAK IS AT CHANNEL 234.92 WITH HALFWIDTH OF | | | 4.86. | BA PEAK IS INTEGRATED BEGINNING EXACTLY | | | | | 63.00 CHANNELS HIGHER. |
| 2 LA | -0. *0033 | 2.470 +/- 0. | E -5 | 1924 | 1667 | -6-0. | *0780 | 318 11 | 0 | 6 10.7 | -0. 4.313 +/- 1.767E 5 |
| | | SN PEAK IS AT CHANNEL 234.92 WITH HALFWIDTH OF | | | 4.86. | LA PEAK IS INTEGRATED BEGINNING EXACTLY | | | | | 78.00 CHANNELS HIGHER. |
| 2 CE | -0. *0035 | 4.840 +/- 0. | E -5 | 2849 | 1869 | -8-0. | *0900 | 331 14 | 0 | 9 40.6 | -0. 8.393 +/- 1.081E 5 |
| | | SN PEAK IS AT CHANNEL 234.92 WITH HALFWIDTH OF | | | 4.86. | CE PEAK IS INTEGRATED BEGINNING EXACTLY | | | | | 90.00 CHANNELS HIGHER. |

8061 A LUB-30 EL CHAYAL CONTROL (L-122)
GAMMA SPECTRUM-B 606293

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 5.31CHANNELS
STD NUMBER 2 -606293 A SAMPLE WEIGHT = 100.00000 MG DEAD TIME = .63 0/0 EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 0. DAYS COUNT TIME = 39.995 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = -0. MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 07 07 0 PST

| NUCLIDE | HALF LIFE | GAMMA ENERGY | GAMMA INTENS. | COUNT 0/0 | CROSS SECT 0/0 | GROSS COUNTS | BKGD COUNTS | APPR PEAK CHAN | REAL PEAK CHAN | FLUX(N/MIN-CM2) | CPM DECAY | MULT CORR. | ELEMENT ELEMENT | ABUNDANCE | |
|--|-----------|--------------|---------------|-----------|----------------|--------------|-------------|----------------|------------------|-----------------|-----------|------------|------------------|-----------------|---|
| BKSCAT | -0. | *0060 | -0. | -0. | -0. | 174466 | 1 | 489 | 492 | 1.702 +/- .004E | 6 | 170235.0 | 1.00000 | .010 +/- 4.177E | 1 |
| SN | -0. | *0025 | -0. | -0. | -0. | 59074 | 2273*0233 | 235 | 2.355 +/- .012E | 4 | 2354.5 | 1.00000 | 10.000 +/- .073E | -2 SN | |
| BA | -0. | *0032 | -0. | -0. | -0. | 26226 | 2825*0630 | 304 | 1.029 +/- .008E | 6 | 970.0 | 1.00000 | 9.430 +/- .108E | -4 BA | |
| LA | -0. | *0033 | -0. | -0. | -0. | 1924 | 1667*0780 | 318 | 4.313 +/- 1.767E | 5 | 10.7 | 1.00000 | 2.470 +/- 1.431E | -5 LA | |
| CE | -0. | *0035 | -0. | -0. | -0. | 2849 | 1869*0900 | 331 | 8.393 +/- 1.081E | 5 | 40.6 | 1.00000 | 4.840 +/- .881E | -5 CE | |
| SN PEAK IS AT CHANNEL 234.92 WITH HALFWIDTH OF 4.86. BA PEAK IS SUMMED STARTING 63.00 CHANNELS HIGHER. | | | | | | | | | | | | | | | |
| LA PEAK IS AT CHANNEL 234.92 WITH HALFWIDTH OF 4.86. LA PEAK IS SUMMED STARTING 78.00 CHANNELS HIGHER. | | | | | | | | | | | | | | | |
| CE PEAK IS AT CHANNEL 234.92 WITH HALFWIDTH OF 4.86. CE PEAK IS SUMMED STARTING 90.00 CHANNELS HIGHER. | | | | | | | | | | | | | | | |
| COUNT RATE CORRECTION FOR LAST ELEMENT = I | | | | | | | | | | | | | | | |

8061 C PLAST THICK PLASTIC
GAMMA SPECTRUM-B 606247

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 5.16CHANNELS
 STD NUMBER 1 2 -606293 A SAMPLE WEIGHT = -0. MG DEAD TIME = .22 O/O EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = 0. DAYS COUNT TIME = 39.998 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = -0. MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

| NUCL IDE | COUNTS REMOVED FROM PEAK | | | | | | GROSS COUNTS | BKGD COUNTS | APPR PEAK | REAL PEAK | I X | FLUX(N/MIN-CM2) | | CPM EOB | ELEMENT ABUNDANCE | ELEMENT |
|--|--|-------|---|--------|----------|------|--------------------|-------------|-------------------|-----------|---------------------|---------------------|----|---------|-------------------|---------|
| | COUNTS | EL | MULT | COUNTS | EL | MULT | | | | | | | | | | |
| BKSCAT | | | | 57748 | 0 | 489 | 492 | | 1.678 +/- .003E 6 | | 53518.0 | .032 +/- 7.666E 0 | | | | |
| SN | | | | 31103 | 851*0233 | 235 | 235 | | 2.359 +/- .009E 4 | | 3833.3 | .162 +/- .001E -0 | SN | | | |
| BA | | | | 413 | 367*0630 | 304 | 304 | | 1.028 +/- .006E 6 | | 5.8 | 5.671 +/- 4.396E -6 | BA | | | |
| LA | SN PEAK IS AT CHANNEL 234.88 WITH HALFWIDTH OF | 4.77. | BA PEAK IS SUMMED STARTING 63.00 CHANNELS HIGHER. | | | | | | | | | | | | | |
| LA | SN PEAK IS AT CHANNEL 234.88 WITH HALFWIDTH OF | 4.77. | BA PEAK IS SUMMED STARTING 63.00 CHANNELS HIGHER. | 302 | 291*0780 | 318 | 4.295 +/- 1.246E 5 | | | 1.4 | .325 +/- 1.291E -5 | LA | | | | |
| CE | SN PEAK IS AT CHANNEL 234.88 WITH HALFWIDTH OF | 4.77. | LA PEAK IS SUMMED STARTING 78.00 CHANNELS HIGHER. | 414 | 378*0900 | 331 | 8.809 +/- .747E 5 | | | 4.6 | 5.178 +/- 7.981E -6 | CE | | | | |
| CE | SN PEAK IS AT CHANNEL 234.88 WITH HALFWIDTH OF | 4.77. | CE PEAK IS SUMMED STARTING 90.00 CHANNELS HIGHER. | | | | | | | | | | | | | |
| COUNT RATE CORRECTION FOR LAST ELEMENT = I | | | | | | | | | | | | | | | | |

8061 D BUR-382 CV69 CHAVIN, A1-
GAMMA SPECTRUM-B 606248

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 5.21CHANNELS
 STD NUMBER 1 2 -606293 A SAMPLE WEIGHT = -0. MG DEAD TIME = 1.11 O/O EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = 0. DAYS COUNT TIME = 39.996 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = -0. MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

| NUCLIDE | COUNTS REMOVED FROM PEAK | | | | GROSS COUNTS | BKGD COUNTS | APPR PEAK | REAL PEAK | I X | FLUX(N/MIN-CM2) | | CPM EOB | ELEMENT | ELEMENT |
|--|--|---|------|--------|--------------|-------------|-----------|--------------------|-------------------|---------------------|--------------------|---------|---------|---------|
| | COUNTS | EL | MULT | COUNTS | | | | | | EL | MULT | | | |
| BKSCAT | | | | | 335615 | 1 | 489 | 490 | 1.678 +/- .003E 6 | 331384.0 | .002 +/- 1.144E 2 | | | |
| SN | | | | | 79952 | 3262*0233 | 235 | | 2.359 +/- .009E 4 | 1737.7 | 7.366 +/- .042E -2 | SN | | |
| BA | | | | | 36087 | 4699*0630 | 304 | | 1.028 +/- .006E 6 | 711.2 | 6.920 +/- .064E -4 | BA | | |
| LA | SN PEAK IS AT CHANNEL 234.83 WITH HALFWIDTH OF 4.79. | BA PEAK IS SUMMED STARTING 63.00 CHANNELS HIGHER. | | | | | | | | | | | | |
| CE | SN PEAK IS AT CHANNEL 234.83 WITH HALFWIDTH OF 4.79. | LA PEAK IS SUMMED STARTING 78.00 CHANNELS HIGHER. | | | 3361 | 2794*0780 | 318 | 4.295 +/- 1.246E 5 | 12.8 | 2.991 +/- 1.129E -5 | LA | | | |
| CE | SN PEAK IS AT CHANNEL 234.83 WITH HALFWIDTH OF 4.79. | CE PEAK IS SUMMED STARTING 90.00 CHANNELS HIGHER. | | | 5276 | 3323*0900 | 331 | 8.809 +/- .747E 5 | 44.3 | 5.024 +/- .608E -5 | CE | | | |
| COUNT RATE CORRECTION FOR LAST ELEMENT = I | | | | | | | | | | | | | | |

8061 E BUR-383 CV70 CHAVIN, A2-B
GAMMA SPECTRUM-B 606249

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 5.17CHANNELS
 STD NUMBER 1 2 -606293 A SAMPLE WEIGHT = -0. MG DEAD TIME = 1.48 O/O EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = 0. DAYS COUNT TIME = 39.997 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = -0. MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/0/0 PST

8061 F BUR-384 MV1 MARCAVALLE, 58
GAMMA SPECTRUM-B 606250

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 5.23CHANNELS
STD NUMBER 1 2 -606293 A SAMPLE WEIGHT = -0. MG DEAD TIME = 1.24 O/O EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 0. DAYS COUNT TIME = 39.997 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = -0. MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 07/07 0 PST

8061 G BUR-385 MV2 MARCAVALLE, 1J/3-1
GAMMA SPECTRUM-B 606251

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 5.26CHANNELS
 STD NUMBER 1 2 -606293 A SAMPLE WEIGHT = -0. MG DEAD TIME = .70 D/O EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = 0. DAYS COUNT TIME = 39.996 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = -0. MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

8062 H BUR-386 MV3 MARCAVALLE, 1J/3-2
GAMMA SPECTRUM-B 606252

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 5.27CHANNELS
STD NUMBER 1 2 -606293 A SAMPLE WEIGHT = -.0. MG DEAD TIME = .97 O/O EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 0. DAYS COUNT TIME = 39.996 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = -.0. MJD PILL THICKNESS = -.0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

8061 I BUR-387 MV4 MARCAVALLE, 1J/5
GAMMA SPECTRUM-B 606253

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 5.33CHANNELS
STD NUMBER 1 2 -606293 A SAMPLE WEIGHT = -0. MG DEAD TIME = .86 O/O EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 0. DAYS COUNT TIME = 39.995 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = -0. MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

| NUCLIDE | COUNTS REMOVED FROM PEAK | | | | GROSS COUNTS | BKGD COUNTS | APPR PEAK | REAL PEAK | I X | FLUX(N/MIN-CM2) | CPM EOB | ELEMENT ABUNDANCE | ELEMENT | |
|--|--------------------------|--------------------------|-------|-------------------|--------------|------------------------|-----------|-----------|-----------------|------------------|----------|-------------------|------------------|-------|
| | COUNTS | EL | MULT | COUNTS | | | | | | | | | | EL |
| BKSCAT | | | | 240773 | 1 | 489 | 491 | | 1.678 +/- .003E | 6 | 236542.0 | .014 +/- 6.918E | 1 | |
| SN | | | | 66421 | 2459*0233 | 235 | | | 2.359 +/- .009E | 4 | 1955.3 | 8.288 +/- .050E | -2 SN | |
| BA | | | | 37214 | 4247*0630 | 304 | | | 1.028 +/- .006E | 6 | 1007.8 | 9.806 +/- .088E | -4 BA | |
| LA | SN PEAK IS AT CHANNEL | 234.87 WITH HALFWIDTH OF | 4.80. | BA PEAK IS SUMMED | STARTING | 63.00 CHANNELS HIGHER. | | | | | | | | |
| LA | SN PEAK IS AT CHANNEL | 234.87 WITH HALFWIDTH OF | 4.80. | BA PEAK IS SUMMED | STARTING | 63.00 CHANNELS HIGHER. | 2769 | 2513*0780 | 318 | 4.295 +/- 1.246E | 5 | 7.8 | 1.822 +/- 1.058E | -5 LA |
| CE | SN PEAK IS AT CHANNEL | 234.87 WITH HALFWIDTH OF | 4.80. | LA PEAK IS SUMMED | STARTING | 78.00 CHANNELS HIGHER. | 4304 | 2777*0900 | 331 | 8.809 +/- .747E | 5 | 46.7 | 5.299 +/- .698E | -5 CE |
| CE | SN PEAK IS AT CHANNEL | 234.87 WITH HALFWIDTH OF | 4.80. | CE PEAK IS SUMMED | STARTING | 90.00 CHANNELS HIGHER. | | | | | | | | |
| COUNT RATE CORRECTION FOR LAST ELEMENT = I | | | | | | | | | | | | | | |

8061 J BUR-388 MV5 MARCAVALLE, 1J/3-3
GAMMA SPECTRUM-B 606254

THE IN 423.11KEV PEAK HAS A HALFWIDTH OF 5.27CHANNELS
STD NUMBER 1 2 -606293 A SAMPLE WEIGHT = -.0. MG DEAD TIME = 1.05 O/O EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 0. DAYS COUNT TIME = 39.996 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = -.0. MJD PILL THICKNESS = -.0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

8061 K BUR-387 MV6 MARCAVALLE, 1J/7-2
GAMMA SPECTRUM-B 606255

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 5.29CHANNELS
 STD NUMBER 1 2 -606293 A SAMPLE WEIGHT = -.0. MG DEAD TIME = .85 O/O EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = 0. DAYS COUNT TIME = 39.996 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = -.0. MJD PILL THICKNESS = -.0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

8061 M BUR-389 MV8 MARCAVALLE, 1J/6
GAMMA SPECTRUM-B 606257

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 5.28CHANNELS
 STD NUMBER 1 2 -606293 A SAMPLE WEIGHT = -0. MG DEAD TIME = 1.36 O/O EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = 0. DAYS COUNT TIME = 39.995 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = -0. MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

8061 N BUR-390 MV9 MARCAVALLE, 1J/7-1
GAMMA SPECTRUM-B 606258

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 5.38CHANNELS
 STD NUMBER 1 2 -606293 A SAMPLE WEIGHT = -0. MG DEAD TIME = 1.23 0/0 EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = 0. DAYS COUNT TIME = 39.995 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = -0. MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

8061 O BUR-391 MV10 MARCAVALLE, 1J/28
GAMMA SPECTRUM-B 606259

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 5.44CHANNELS
STD NUMBER 1 2 -606293 A SAMPLE WEIGHT = -0. MG DEAD TIME = 1.33 O/O EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 0. DAYS COUNT TIME = 39.997 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = -0. MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

8061 P BUR-392 MVII MARCAVALLE, 1C/
GAMMA SPECTRUM-B 606260

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 5.46CHANNELS
STD NUMBER 1 2 -606293 A SAMPLE WEIGHT = -0. MG DEAD TIME = 1.03 0/0 EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 0. DAYS COUNT TIME = 39.997 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = -0. MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

| NUCLIDE | COUNTS REMOVED FROM PEAK | | | | GROSS COUNTS | BKGD COUNTS | APPR PEAK | REAL PEAK | I X | FLUX(N/MIN-CM2) | | CPM EOB | ELEMENT ABUNDANCE | ELEMENT | |
|--|--|-------|---|-----------|--------------|-------------|------------|-----------|-----|-----------------|-------|------------|-------------------|---------|--|
| | COUNTS | EL | MULT | COUNTS | | | | | | EL | MULT | | | | |
| BKSCAT | 288538 | | 1 | 489 | 490 | | 1.678 | +/- .003E | 6 | 284307.0 | | .017 | +/- .9.103E | 1 | |
| SN | 82904 | | | 3309*0233 | 235 | | 2.359 | +/- .009E | 4 | 2062.3 | 8.741 | +/- .050E | -2 | SN | |
| BA | 44711 | | | 5428*0630 | 305 | | 1.028 | +/- .006E | 6 | 1017.8 | 9.903 | +/- .085E | -4 | BA | |
| LA | SN PEAK IS AT CHANNEL 235.03 WITH HALFWIDTH OF | 4.95. | BA PEAK IS SUMMED STARTING 63.00 CHANNELS HIGHER. | | | | | | | | | | | | |
| LA | 3435 | | 3118*0780 | 318 | | 4.295 | +/- 1.246E | 5 | | 8.2 | 1.912 | +/- 1.028E | -5 | LA | |
| CE | SN PEAK IS AT CHANNEL 235.03 WITH HALFWIDTH OF | 4.95. | LA PEAK IS SUMMED STARTING 78.00 CHANNELS HIGHER. | | | | | | | | | | | | |
| CE | 5249 | | 3126*0900 | 332 | | 8.809 | +/- .747E | 5 | | 55.0 | 6.244 | +/- .718E | -5 | CE | |
| CE | SN PEAK IS AT CHANNEL 235.03 WITH HALFWIDTH OF | 4.95. | CE PEAK IS SUMMED STARTING 90.00 CHANNELS HIGHER. | | | | | | | | | | | | |
| COUNT RATE CORRECTION FOR LAST ELEMENT = I | | | | | | | | | | | | | | | |

8061 Q BUR-393 MV12 MARCAVALLE, 1C/2
GAMMA SPECTRUM-B 606261

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 5.47CHANNELS
STD NUMBER 1 2 -606293 A SAMPLE WEIGHT = -0. MG DEAD TIME = 1.37 0/0 EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 0. DAYS COUNT TIME = 39.994 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = -0. MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

8061 R BUR-394 MV13 MARCAVALLE, 1C/3-1
GAMMA SPECTRUM-B 606262

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 5.50 CHANNELS
STD NUMBER 1 2 -606293 A SAMPLE WEIGHT = -0. MG DEAD TIME = 1.18 O/O EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 0. DAYS COUNT TIME = 39.995 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = -0. MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

8061 S BUR-395 MV14 MARCAVALLE, 10/3-2
GAMMA SPECTRUM-B 606263

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 5.52CHANNELS
STD NUMBER 1 2 -606293 A SAMPLE WEIGHT = -0. MG DEAD TIME = 1.01 0/0 EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 0. DAYS COUNT TIME = 39.997 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = -0. MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

| NUCLIDE | COUNTS REMOVED FROM PEAK | | | | GROSS | BKGD | APPR | REAL | I | FLUX(N/MIN-CM ²) | CPM | ELEMENT | ELEMENT |
|---------|--|--------------------------|-------|---|--------|-----------|------|------|---|------------------------------|-----------------|-----------------|---------|
| | COUNTS | EL | MULT | COUNTS | COUNTS | COUNTS | PEAK | PEAK | X | | EOB | ABUNDANCE | |
| BKSCAT | | | | | 280841 | 1 | 489 | 491 | | 1.678 +/- .003E 6 | 276610.0 | .016 +/- 8.738E | 1 |
| SN | | | | | 81277 | 3414*0233 | 235 | | | 2.359 +/- .009E 4 | 2067.2 | 8.762 +/- .050E | -2 SN |
| BA | | | | | 43774 | 5460*0630 | 305 | | | 1.028 +/- .006E 6 | 1017.2 | 9.898 +/- .086E | -4 BA |
| LA | SN PEAK IS AT CHANNEL | 235.05 WITH HALFWIDTH OF | 4.99. | BA PEAK IS SUMMED STARTING 63.00 CHANNELS HIGHER. | | | | | | | | | |
| | | | | | 3291 | 3465*0780 | 318 | | | 4.295 +/- 1.246E 5 | -4.6 -1.076 +/- | .975E -5 LA | |
| CE | SN PEAK IS AT CHANNEL | 235.05 WITH HALFWIDTH OF | 4.99. | LA PEAK IS SUMMED STARTING 78.00 CHANNELS HIGHER. | | | | | | | | | |
| | | | | | 4973 | 3077*0900 | 332 | | | 8.809 +/- .747E 5 | 50.3 5.714 +/- | .690E -5 CE | |
| | SN PEAK IS AT CHANNEL | 235.05 WITH HALFWIDTH OF | 4.99. | CE PEAK IS SUMMED STARTING 90.00 CHANNELS HIGHER. | | | | | | | | | |
| | COUNT RATE CORRECTION FOR LAST ELEMENT = | I | | | | | | | | | | | |

8061 T BUR-396 MV15 MARCAVALLE, 1C/3A-1
GAMMA SPECTRUM-B 606264

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 5.50CHANNELS
STD NUMBER 1 2 -606293 A SAMPLE WEIGHT = -0. MG DEAD TIME = 1.12 O/O EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 0. DAYS COUNT TIME = 39.997 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = -0. MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

| NUCLIDE | COUNTS REMOVED FROM PEAK | | | | GROSS COUNTS | BKGD COUNTS | APPR PEAK | REAL PEAK | I X | FLUX(N/MIN-CM2) | | CPM EOB | ELEMENT | ELEMENT ABUNDANCE |
|--|--|---|------|-----------|--------------|-------------|-----------|------------|-----|-----------------|-------|------------|---------|-------------------|
| | COUNTS | EL | MULT | COUNTS | | | | | | EL | MULT | | | |
| BKSCAT | 312973 | | 1 | 489 | 491 | | 1.678 | +/- .003E | 6 | 308742.0 | .002 | +/- .030E | 2 | |
| SN | 77544 | | | 3290*0233 | 235 | | 2.359 | +/- .009E | 4 | 1789.1 | 7.584 | +/- .044E | -2 SN | |
| BA | 47112 | | | 5822*0630 | 305 | | 1.028 | +/- .006E | 6 | 994.9 | 9.680 | +/- .082E | -4 BA | |
| LA | SN PEAK IS AT CHANNEL 235.04 WITH HALFWIDTH OF 4.93. | BA PEAK IS SUMMED STARTING 63.00 CHANNELS HIGHER. | | | | | | | | | | | | |
| LA | 3663 | | | 3614*0780 | 318 | | 4.295 | +/- 1.246E | 5 | 1.2 | 2.749 | +/- 8.644E | -6 LA | |
| CE | SN PEAK IS AT CHANNEL 235.04 WITH HALFWIDTH OF 4.93. | LA PEAK IS SUMMED STARTING 78.00 CHANNELS HIGHER. | | | | | | | | | | | | |
| CE | 5515 | | | 3457*0900 | 332 | | 8.809 | +/- .747E | 5 | 49.6 | 5.629 | +/- .671E | -5 CE | |
| CE | SN PEAK IS AT CHANNEL 235.04 WITH HALFWIDTH OF 4.93. | CE PEAK IS SUMMED STARTING 90.00 CHANNELS HIGHER. | | | | | | | | | | | | |
| COUNT RATE CORRECTION FOR LAST ELEMENT = 1 | | | | | | | | | | | | | | |

8061 U BUR-397 MV16 MARCAVALLE, IC/3A-
GAMMA SPECTRUM-E 606265

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 5.48CHANNELS
STD NUMBER 1 2 -606293 A SAMPLE WEIGHT = -0. MG DEAD TIME = 1.23 O/O EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 0. DAYS COUNT TIME = 39.997 MIN C/SEC BEG. = 0 C/SEC END =
START TIME = -0. MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

8061 W BUR-399 MV18 MARCAVALLE, 1C/1.
GAMMA SPECTRUM-B 606267

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 5.21CHANNELS
 STD NUMBER 1 2 -606293 A SAMPLE WEIGHT = -0. MG DEAD TIME = .94 % EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = 0. DAYS COUNT TIME = 39.996 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = -0. MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/0/0 PST

8061 X BUR-400 MV19 MARCAVALLE, 1F/4-1
GAMMA SPECTRUM-E 606268

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 5.32CHANNELS

STD NUMBER 1 2 -606293 A SAMPLE WEIGHT = -0. MG DEAD TIME = .55 0/0 EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 0. DAYS COUNT TIME = 39.996 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = -0. MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

| NUCLIDE | COUNTS REMOVED FROM PEAK | | | | GROSS COUNTS | BKGD COUNTS | APPR PEAK | REAL PEAK | I X | FLUX(N/MIN-CM ²) | CPM EOB | ELEMENT | ELEMENT ABUNDANCE |
|---------|---|----|------|--------|--------------|-------------|---|-----------|--------------------|------------------------------|---------------------|-------------------|-------------------|
| | COUNTS | EL | MULT | COUNTS | | | | | | | | | |
| BKSCAT | | | | | | 136150 | 1 | 489 | 492 | 1.678 +/- .003E 6 | 131919.0 | .008 +/- 2.901E 1 | |
| SN | | | | | | 52067 | 1782*0233 | 235 | 2.359 +/- .009E 4 | 2653.8 | .112 +/- .001E -0 | SN | |
| BA | | | | | | 23344 | 2395*0630 | 304 | 1.028 +/- .006E 6 | 1105.6 | 1.076 +/- .011E -3 | BA | |
| LA | SN PEAK IS AT CHANNEL 234.97 WITH HALFWIDTH OF | | | | | 4.84. | BA PEAK IS SUMMED STARTING 63.00 CHANNELS HIGHER. | | | | | | |
| CE | LA SN PEAK IS AT CHANNEL 234.97 WITH HALFWIDTH OF | | | | | 1665 | 1359*0780 | 318 | 4.295 +/- 1.246E 5 | 16.1 | 3.760 +/- 1.603E -5 | LA | |
| CE | CE SN PEAK IS AT CHANNEL 234.97 WITH HALFWIDTH OF | | | | | 4.84. | LA PEAK IS SUMMED STARTING 78.00 CHANNELS HIGHER. | | | | | | |
| | COUNT RATE CORRECTION FOR LAST ELEMENT = I | | | | | 2594 | 1738*0900 | 331 | 8.809 +/- .747E 5 | 45.2 | 5.128 +/- .848E -5 | CE | |
| | | | | | | 4.84. | CE PEAK IS SUMMED STARTING 90.00 CHANNELS HIGHER. | | | | | | |

8061 Y BUR-401 MV20 MARCAVALLE, 1F/4-2
GAMMA SPECTRUM-E 606269

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 5.33CHANNELS
 STD NUMBER 1 2 -606293 A SAMPLE WEIGHT = -.0. MG DEAD TIME = .51 O/O EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = 0. DAYS COUNT TIME = 39.997 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = -0. MJD PILL THICKNESS = -.0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

8061 Z BUR-402 QL3 QALUYU, 2F/3-1
GAMMA SPECTRUM-B 606270

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 5.33CHANNELS
STD NUMBER 1 2 -606293 A SAMPLE WEIGHT = -0. MG DEAD TIME = .40 0/0 EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 0. DAYS COUNT TIME = 39.996 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = -0. MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

8061 1 BUR-403 QL4 QALUYU, 2F/3-2
GAMMA SPECTRUM-B 606271

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 5.29CHANNELS
 STD NUMBER 1 2 -606293 A SAMPLE WEIGHT = -0. MG DEAD TIME = .63 O/O EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = 0. DAYS COUNT TIME = 39.096 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = -0. MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

8061 2 BUR-404 QL5 QALUYU, 2C/6-1
GAMMA SPECTRUM-B 606272

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 5.31CHANNELS
STD NUMBER 1 2 -606293 A SAMPLE WEIGHT = -.0. MG DEAD TIME = .72 O/O EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 0. DAYS COUNT TIME = 39.996 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = -.0. MJD PILL THICKNESS = -.0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

8061 3 BUR-405 QL6 QALUYU, 2C/6-
GAMMA SPECTRUM-B 606273

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 5.32CHANNELS
STD NUMBER 1 2 -606293 A SAMPLE WEIGHT = -0. MG DEAD TIME = .43 O/O EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 0. DAYS COUNT TIME = 39.997 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = -0. MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

8061 5 BUR-407 QL8 QALUYU, 2C/6-4
GAMMA SPECTRUM-8 606275

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 5.35CHANNELS
STD NUMBER 1 2 -606293 A SAMPLE WEIGHT = -0. MG DEAD TIME = .36 0/0 EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 0. DAYS COUNT TIME = 39.996 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = -0. MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 07/07/0 PST

8061 6 BUR-408 QL9 QALUYU, 2C/1
GAMMA SPECTRUM-B 606276

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 5.38CHANNELS
STD NUMBER 1 2 -606293 A SAMPLE WEIGHT = -.0. MG DEAD TIME = .75 O/O EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 0. DAYS COUNT TIME = 39.994 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = -.0. MJD PILL THICKNESS = -.0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

8061 7 BUR-409 QL10 QALUYU, 2B/6-1
GAMMA SPECTRUM-B 606277

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 5.31CHANNELS
STD NUMBER 1 2 -606293 A SAMPLE WEIGHT = -.0. MG DEAD TIME = .79 O/O EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 0. DAYS COUNT TIME = 39.997 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = -.0. MJD PILL THICKNESS = -.0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

| NUCLIDE | COUNTS REMOVED FROM PEAK | | | | GROSS COUNTS | BKGD COUNTS | APPR PEAK | REAL PEAK | I X | FLUX(N/MIN-CM2) | | CPM EOB | ELEMENT ABUNDANCE | ELEMENT |
|--|--|---|------|--------|--------------|-------------|-----------|-----------|------------|-----------------|------|---------|-------------------|---------|
| | COUNTS | EL | MULT | COUNTS | | | | | | EL | MULT | | | |
| BKSCAT | 240534 | 1 | 489 | 492 | 1.678 | +/- .003E | 6 | 236303.0 | .014 | +/- .053E | 1 | SN | | |
| SN | 72701 | 2608*0233 | 235 | 2.359 | +/- .009E | 4 | 2144.7 | 9.091 | +/- .032E | -2 | BA | | | |
| BA | 6212 | 2076*0630 | 304 | 1.028 | +/- .006E | 6 | 126.6 | 1.231 | +/- .032E | -4 | LA | | | |
| LA | SN PEAK IS AT CHANNEL 234.95 WITH HALFWIDTH OF 4.88. | BA PEAK IS SUMMED STARTING 63.00 CHANNELS HIGHER. | | | | | | | | | | CE | | |
| LA | 2023 | 1512*0780 | 318 | 4.295 | +/- 1.246E | 5 | 15.6 | 3.640 | +/- 1.280E | -5 | LA | | | |
| CE | SN PEAK IS AT CHANNEL 234.95 WITH HALFWIDTH OF 4.88. | LA PEAK IS SUMMED STARTING 78.00 CHANNELS HIGHER. | | | | | | | | | | CE | | |
| CE | 3254 | 2143*0900 | 331 | 8.809 | +/- .747E | 5 | 34.0 | 3.859 | +/- .572E | -5 | CE | | | |
| CE | SN PEAK IS AT CHANNEL 234.95 WITH HALFWIDTH OF 4.88. | CE PEAK IS SUMMED STARTING 90.00 CHANNELS HIGHER. | | | | | | | | | | | | |
| COUNT RATE CORRECTION FOR LAST ELEMENT = I | | | | | | | | | | | | | | |

8061 8 BUR-410 QL11 QALUYU, 28/6-2
GAMMA SPECTRUM-B 606278

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 5.33CHANNELS
STD NUMBER 1 2 -606293 A SAMPLE WEIGHT = -0. MG DEAD TIME = .74 O/O EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 0. DAYS COUNT TIME = 39.995 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = -0. MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

8061 9 BUR-411 QL12 QALUYU, 2B/4
GAMMA SPECTRUM-B 606279

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 5.36CHANNELS
 STD NUMBER 1 2 -606293 A SAMPLE WEIGHT = -0. MG DEAD TIME = .80 0/0 EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = 0. DAYS COUNT TIME = 39.996 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = -0. MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

8061 + BUR-412 QL13 QALUYU, 2B/4C-1
GAMMA SPECTRUM-B 606280

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 5.35CHANNELS

STD NUMBER 1 2 -606293 A SAMPLE WEIGHT = -0. MG DEAD TIME = .59 0/0 EOB = 0. MJD 0
IRRADIATION TIME = 0. MIN DECAY TIME = 0. DAYS COUNT TIME = 39.996 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = -0. MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 07 0 PST

| NUCLIDE | COUNTS REMOVED FROM PEAK | | | | GROSS COUNTS | BKGD COUNTS | APPR PEAK | REAL PEAK | I X | FLUX(N/MIN-CM ²) | CPM | ELEMENT | ELEMENT | |
|---------|--|----|------|--------|--------------|-------------|---|-----------|--------------------|------------------------------|---------------------|-------------------|---------|-----|
| | COUNTS | EL | MULT | COUNTS | | | | | | | | EL | MULT | EOB |
| BKSCAT | | | | | | 173270 | 1 | 489 | 492 | 1.678 +/- .003E 6 | 169039.0 | .010 +/- 4.194E 1 | | |
| SN | | | | | | 54872 | 2036*0233 | 235 | 2.359 +/- .009E 4 | 2204.7 | 9.345 +/- .060E -2 | SN | | |
| BA | | | | | | 4492 | 1519*0630 | 304 | 1.028 +/- .006E 6 | 124.1 | 1.207 +/- .037E -4 | BA | | |
| LA | SN PEAK IS AT CHANNEL 234.96 WITH HALFWIDTH OF | | | | | 4.87. | BA PEAK IS SUMMED STARTING 63.00 CHANNELS HIGHER. | | | | | | | |
| LA | SN PEAK IS AT CHANNEL 234.96 WITH HALFWIDTH OF | | | | | 1488 | 1210*0780 | 318 | 4.295 +/- 1.246E 5 | 11.6 | 2.701 +/- 1.176E -5 | LA | | |
| CE | SN PEAK IS AT CHANNEL 234.96 WITH HALFWIDTH OF | | | | | 4.87. | LA PEAK IS SUMMED STARTING 78.00 CHANNELS HIGHER. | | | | | | | |
| CE | COUNT RATE CORRECTION FOR LAST ELEMENT = I | | | | | 2459 | 1496*0900 | 331 | 8.809 +/- .747E 5 | 40.2 | 4.562 +/- .663E -5 | CE | | |

8061 - BUR-413 QL14 GALUYU, 2B/4C-2
GAMMA SPECTRUM-B 606281

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 5.34CHANNELS
STD NUMBER 1 2 -606293 A SAMPLE WEIGHT = -0. MG DEAD TIME = .37 0/0 EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 0. DAYS COUNT TIME = 39.996 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = -0. MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

| NUCLIDE | COUNTS REMOVED FROM PEAK | | | | GROSS COUNTS | BKGD COUNTS | APPR PEAK | REAL PEAK | I X | FLUX(N/MIN-CM2) | CPM EOB | ELEMENT | ELEMENT ABUNDANCE |
|--|--|----------|---|--------------------|--------------|---------------------|-----------|-----------|-------------------|-----------------|--------------------|---------|-------------------|
| | COUNTS | EL | MULT | COUNTS | | | | | | | | | |
| BKSCAT | | | | 96544 | 0 | 489 | 492 | | 1.678 +/- .003E 6 | 92314.0 | .006 +/- 1.710E 1 | | |
| SN | | | | 38078 | 1366*0233 | 235 | | | 2.359 +/- .009E 4 | 2731.6 | .116 +/- .001E -0 | SN | |
| BA | | | | 2619 | 845*0630 | 304 | | | 1.028 +/- .006E 6 | 132.0 | 1.284 +/- .050E -4 | BA | |
| LA | SN PEAK IS AT CHANNEL 234.95 WITH HALFWIDTH OF | 4.93. | BA PEAK IS SUMMED STARTING 63.00 CHANNELS HIGHER. | | | | | | | | | | |
| LA | 898 | 594*0780 | 318 | 4.295 +/- 1.246E 5 | 22.6 | 5.267 +/- 1.893E -5 | LA | | | | | | |
| CE | SN PEAK IS AT CHANNEL 234.95 WITH HALFWIDTH OF | 4.93. | LA PEAK IS SUMMED STARTING 78.00 CHANNELS HIGHER. | | | | | | | | | | |
| CE | 1358 | 914*0900 | 331 | 8.809 +/- .747E 5 | 33.0 | 3.750 +/- .807E -5 | CE | | | | | | |
| CE | SN PEAK IS AT CHANNEL 234.95 WITH HALFWIDTH OF | 4.93. | CE PEAK IS SUMMED STARTING 90.00 CHANNELS HIGHER. | | | | | | | | | | |
| COUNT RATE CORRECTION FOR LAST ELEMENT = I | | | | | | | | | | | | | |

8061 * BUR-414 QL15 QALUYU, 2B/4C-3
GAMMA SPECTRUM-B 606282

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 5.34CHANNELS

STD NUMBER 1 2 -606293 A SAMPLE WEIGHT = -0. MG DEAD TIME = .64 0/0 EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 0. DAYS COUNT TIME = 39.996 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = -0. MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

| NUCLIDE | COUNTS REMOVED FROM PEAK | | | | GROSS COUNTS | BKGD COUNTS | APPR PEAK | REAL PEAK | I X | FLUX(N/MIN-CM ²) | CPM | ELEMENT | ELEMENT | |
|---------|--|----|------|--------|--------------|-------------|---|-----------|--------------------|------------------------------|---------------------|-------------------|---------|----|
| | COUNTS | EL | MULT | COUNTS | | | | | | | | | | EL |
| BKSCAT | | | | | | 174276 | 1 | 489 | 492 | 1.678 +/- .003E 6 | 170045.0 | .010 +/- 4.231E 1 | | |
| SN | | | | | | 54086 | 1976*0233 | 235 | 2.359 +/- .009E 4 | 2162.3 | 9.166 +/- .059E -2 | SN | | |
| BA | | | | | | 4666 | 1564*0630 | 304 | 1.028 +/- .006E 6 | 128.7 | 1.252 +/- .038E -4 | BA | | |
| LA | SN PEAK IS AT CHANNEL 234.96 WITH HALFWIDTH OF | | | | | 4.91. | BA PEAK IS SUMMED STARTING 63.00 CHANNELS HIGHER. | | | | | | | |
| LA | SN PEAK IS AT CHANNEL 234.96 WITH HALFWIDTH OF | | | | | 1451 | 1138*0780 | 318 | 4.295 +/- 1.246E 5 | 13.0 | 3.024 +/- 1.220E -5 | LA | | |
| CE | SN PEAK IS AT CHANNEL 234.96 WITH HALFWIDTH OF | | | | | 4.91. | LA PEAK IS SUMMED STARTING 78.00 CHANNELS HIGHER. | | | | | | | |
| CE | COUNT RATE CORRECTION FOR LAST ELEMENT = I | | | | | 2357 | 1482*0900 | 331 | 8.809 +/- .747E 5 | 36.3 | 4.122 +/- .636E -5 | CE | | |
| | | | | | | 4.91. | CE PEAK IS SUMMED STARTING 90.00 CHANNELS HIGHER. | | | | | | | |

8061 / BUR-415 QL16 QALUYU, 2B/6-3
GAMMA SPECTRUM-B 606283

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 5.31CHANNELS
STD NUMBER 1 2 -606293 A SAMPLE WEIGHT = -.0. MG DEAD TIME = .77 O/O EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 0. DAYS COUNT TIME = 39.997 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = -.0. MJD PILL THICKNESS = -.0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

8061 (BUR-416 QL17 QALUYU, 28/6-5
GAMMA SPECTRUM-B 606284

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 5.29CHANNELS
STD NUMBER 1 2 -606293 A SAMPLE WEIGHT = -.0. MG DEAD TIME = .95 O/O EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 0. DAYS COUNT TIME = 39.995 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = -.0. MJD PILL THICKNESS = -.0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

| NUCLIDE | COUNTS REMOVED FROM PEAK | | | | GROSS COUNTS | BKGD COUNTS | APPR PEAK | REAL PEAK | I X | FLUX (N/MIN-CM ²) | | CPM EOB | ELEMENT ABUNDANCE | ELEMENT |
|--|--|---|-----------|--------|--------------|------------------|-----------------|-----------|------------------|-------------------------------|------|---------|-------------------|---------|
| | COUNTS | EL | MULT | COUNTS | | | | | | EL | MULT | | | |
| BKSCAT | 291147 | | 1 | 489 | 492 | | 1.678 +/- .003E | 6 | 286916.0 | .017 +/- 9.228E | 1 | | | |
| SN | 71188 | | 2551*0233 | 235 | | 2.359 +/- .009E | 4 | 1764.0 | 7.477 +/- .044E | -2 SN | | | | |
| BA | 7230 | | 2316*0630 | 304 | | 1.028 +/- .006E | 6 | 126.3 | 1.229 +/- .029E | -4 BA | | | | |
| LA | SN PEAK IS AT CHANNEL 234.91 WITH HALFWIDTH OF 4.86. | BA PEAK IS SUMMED STARTING 63.00 CHANNELS HIGHER. | | | | | | | | | | | | |
| LA | 2343 | | 1782*0780 | 318 | | 4.295 +/- 1.246E | 5 | 14.4 | 3.357 +/- 1.176E | -5 LA | | | | |
| CE | SN PEAK IS AT CHANNEL 234.91 WITH HALFWIDTH OF 4.86. | LA PEAK IS SUMMED STARTING 78.00 CHANNELS HIGHER. | | | | | | | | | | | | |
| CE | 3884 | | 2352*0900 | 331 | | 8.809 +/- .747E | 5 | 39.4 | 4.470 +/- .562E | -5 CE | | | | |
| CE | SN PEAK IS AT CHANNEL 234.91 WITH HALFWIDTH OF 4.86. | CE PEAK IS SUMMED STARTING 90.00 CHANNELS HIGHER. | | | | | | | | | | | | |
| COUNT RATE CORRECTION FOR LAST ELEMENT = I | | | | | | | | | | | | | | |

8061 \$ BUR-417 QL18 QALCYU, 2B/6-6
GAMMA SPECTRUM-B 606285

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 5.22CHANNELS

STD NUMBER 1 2 -606293 A SAMPLE WEIGHT = -0. MG DEAD TIME = .43 0/0 EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 0. DAYS COUNT TIME = 39.997 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = -0. MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

| NUGLIDE | COUNTS REMOVED FROM PEAK | | | | GROSS COUNTS | BKGD COUNTS | APPR PEAK | REAL PEAK | I X | FLUX(N/MIN-CM ²) | | CPM | ELEMENT | ELEMENT |
|---------|--|----|------|--------|--------------|-------------|---|-----------|-------|------------------------------|-------------|---------|---------------|--------------|
| | COUNTS | EL | MULT | COUNTS | | | | | | EL | MULT | | | |
| BKSCAT | | | | | | 102291 | 1 | 489 | 492 | 1.678 | +/- .003E 6 | 98060.0 | .006 | +/- 1.869E 1 |
| SN | | | | | | 51716 | 1476*0233 | 235 | 2.359 | +/- .009E 4 | 3526.0 | .149 | +/- .001E -0 | |
| BA | | | | | | 1249 | 2716*0630 | 304 | 1.028 | +/- .006E 6 | -103.0 | -1.002 | +/- .061E -4 | |
| | SN PEAK IS AT CHANNEL 234.91 WITH HALFWIDTH OF | | | | | 4.76. | BA PEAK IS SUMMED STARTING 63.00 CHANNELS HIGHER. | | | | | | | |
| LA | SN PEAK IS AT CHANNEL 234.91 WITH HALFWIDTH OF | | | | | 738 | 666*0780 | 318 | 4.295 | +/- 1.246E 5 | 5.1 | 1.177 | +/- 1.136E -5 | |
| CE | SN PEAK IS AT CHANNEL 234.91 WITH HALFWIDTH OF | | | | | 2431 | 1127*0900 | 331 | 8.809 | +/- .747E 5 | 91.5 | 1.039 | +/- .120E -4 | |
| | COUNT RATE CORRECTION FOR LAST ELEMENT = I | | | | | 4.76. | CE PEAK IS SUMMED STARTING 90.00 CHANNELS HIGHER. | | | | | | | |

8061 . BUR-41B QL19 GALUYU, 2B/6-7
GAMMA SPECTRUM-B 606286

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 5.30CHANNELS
 STD NUMBER 1 2 -606293 A SAMPLE WEIGHT = -0. MG DEAD TIME = .53 O/O EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = 0. DAYS COUNT TIME = 39.095 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = -0. MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

8061 1 BUR-419 QL20 QALUYU, 2B/9
GAMMA SPECTRUM-B 606287

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 5.25CHANNELS

STD NUMBER 1 2 -606293 A SAMPLE WEIGHT = -0. MG DEAD TIME = .44 0/0 EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 0. DAYS COUNT TIME = 39.997 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = -0. MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

| NUCLIDE | COUNTS REMOVED FROM PEAK | | | | GROSS | BKGD | APPR | REAL | I | FLUX(N/MIN-CM ²) | CPM | ELEMENT | ELEMENT |
|---------|--|--------|-------------------|--------|--------|----------------------------|--------|--------------------|-------------------|------------------------------|-------------------|-----------|---------|
| | COUNTS | EL | MULT | COUNTS | EL | MULT | COUNTS | PEAK | X | EOB | EOB | ABUNDANCE | |
| BKSCAT | | | | | 118961 | 1 | 489 | 492 | 1.678 +/- .003E 6 | 114730.0 | .007 +/- 2.359E 1 | | |
| SN | | | | | 45686 | 1461*0233 | 235 | 2.359 +/- .009E 4 | 2667.9 | .113 +/- .001E -0 | SN | | |
| BA | | | | | 3209 | 1101*0630 | 304 | 1.028 +/- .006E 6 | 127.2 | 1.237 +/- .045E -4 | BA | | |
| | SN PEAK IS AT CHANNEL | 234.91 | WITH HALFWIDTH OF | | 4.76. | BA PEAK IS SUMMED STARTING | 63.00 | CHANNELS HIGHER. | | | | | |
| LA | | | | | 969 | 803*0780 | 318 | 4.295 +/- 1.246E 5 | 10.0 | 2.332 +/- 1.233E -5 | LA | | |
| CE | | | | | 4.76. | LA PEAK IS SUMMED STARTING | 78.00 | CHANNELS HIGHER. | | | | | |
| | CE PEAK IS AT CHANNEL | 234.91 | WITH HALFWIDTH OF | | 1739 | 1063*0900 | 331 | 8.809 +/- .747E 5 | 40.8 | 4.629 +/- .764E -5 | CE | | |
| | COUNT RATE CORRECTION FOR LAST ELEMENT = | | I | | 4.76. | CE PEAK IS SUMMED STARTING | 90.00 | CHANNELS HIGHER. | | | | | |

8061 # BUR-420 QL21 QALUYU, 2B/16
GAMMA SPECTRUM-B 606288

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 5.35CHANNELS

STD NUMBER 1 2 -606293 A SAMPLE WEIGHT = -0. MG DEAD TIME = .82 0/0 EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 0. DAYS COUNT TIME = 39.996 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = -0. MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

| NUCLIDE | COUNTS REMOVED FROM PEAK | | | | GROSS COUNTS | BKGD COUNTS | APPR PEAK | REAL PEAK | I X | FLUX(N/MIN-CM ²) | | CPM EOB | ELEMENT | ELEMENT ABUNDANCE | |
|---------|--|----|------|--------|--------------|-------------|---|-----------|-------|------------------------------|-----------|---------|----------|-------------------|--------------|
| | COUNTS | EL | MULT | COUNTS | | | | | | EL | MULT | | | | PEAK |
| BKSCAT | | | | | | 247813 | 1 | 489 | 492 | 1.678 | +/- .003E | 6 | 243582.0 | .015 | +/- 7.228E 1 |
| SN | | | | | | 71395 | 2587*0233 | 235 | 2.359 | +/- .009E | 4 | 2048.1 | 8.681 | +/- .051E -2 | |
| BA | | | | | | 6520 | 2102*0630 | 304 | 1.028 | +/- .006E | 6 | 131.5 | 1.280 | +/- .032E -4 | |
| LA | SN PEAK IS AT CHANNEL 234.93 WITH HALFWIDTH OF | | | | | 4.87. | BA PEAK IS SUMMED STARTING 63.00 CHANNELS HIGHER. | | | | | | | | |
| CE | SN PEAK IS AT CHANNEL 234.93 WITH HALFWIDTH OF | | | | | 2066 | 1375*0780 | 318 | 4.295 | +/- 1.246E | 5 | 20.6 | 4.789 | +/- 1.546E -5 | |
| CE | SN PEAK IS AT CHANNEL 234.93 WITH HALFWIDTH OF | | | | | 3486 | 2102*0900 | 331 | 8.809 | +/- .747E | 5 | 41.2 | 4.677 | +/- .603E -5 | |
| | COUNT RATE CORRECTION FOR LAST ELEMENT = | | | | I | 4.87. | CE PEAK IS SUMMED STARTING 90.00 CHANNELS HIGHER. | | | | | | | | |

8061 → BUR-421 QL22 QALUYU, 2B/8-1
GAMMA SPECTRUM-B 606289

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 5.31 CHANNELS
 STD NUMBER 1 2 -606293 A SAMPLE WEIGHT = -0. MG DEAD TIME = .47 O/O EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = 0. DAYS COUNT TIME = 39.996 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = -0. MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

8061 A BUR-422 QL23 QALUYU, 2B/8-2
GAMMA SPECTRUM-B 606290

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 5.34CHANNELS
STD NUMBER 1 2 -606293 A SAMPLE WEIGHT = -0. MG DEAD TIME = .36 O/O EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 0. DAYS COUNT TIME = 39.996 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = -0. MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/07 0 PST

8061 → BUR-423 QL24 QALUYU, 2B/8N-1
GAMMA SPECTRUM-B 606291

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 5.20CHANNELS
STD NUMBER 1 2 -606293 A SAMPLE WEIGHT = -0. MG DEAD TIME = .64 O/O EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 0. DAYS COUNT TIME = 39.995 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = -0. MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

8061 ; BUR-424 QL25 GALUYU, 2B/8N-2
GAMMA SPECTRUM-B 606292

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 5.30CHANNELS
STD NUMBER 1 2 -606293 A SAMPLE WEIGHT = -0. MG DEAD TIME = 1.02 O/O EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 0. DAYS COUNT TIME = 39.995 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = -0. MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

13 8061 1
A1606 S242 C56

1 1

| BKSCATER | 100060 | 489 | 13 | -41 | .00001 | 27 | 2 | 1. | -1 | | |
|----------|---------|------------------------|---------|-------|--------|----|---|------|----|---|--|
| 0.0 | | | | | | | | | | | |
| SN | SN 7 | 100025 | 200233 | 7 -16 | | 7 | 0 | 1. | -1 | | |
| 0.0 | | | | | | | | | | | |
| BA | BA | 100032 | 1100630 | 8 -7 | | 14 | 1 | 9.43 | -4 | | |
| 0.0 | | | | | | | | | | | |
| LA | LA | 100033 | 1100780 | 6 -6 | | 11 | 0 | 2.47 | -5 | | |
| 0.0 | | | | | | | | | | | |
| CE | CE | 100035 | 1100900 | 9 -8 | | 14 | 0 | 4.84 | -5 | X | |
| 0.0 | | | | | | | | | | | |
| 606246 | 517 | | | 100. | | | 3 | | | | |
| 8061 B | BACK | BACKGROUND | | | | | 3 | | | | |
| 606245 | 517 | | | 100. | | | 3 | | | | |
| 8061 A | LUB-30 | EL CHAYAL CONTROL | (L-122) | | | | 3 | | | | |
| 606293 | 517 | | | 100. | | | | | | | |
| 8061 A | LUB-30 | EL CHAYAL CONTROL | (L-122) | | | | | | | | |
| 606247 | 5 17 | | | 3 | | | | | | | |
| 8061 C | PLAST | THICK PLASTIC | | | 1 2 | | | | | | |
| 8061 D | BUR-382 | CV69 CHAVIN, A1-D | | | 3 | | | | | | |
| 8061 E | BUR-383 | CV70 CHAVIN, A2-D | | | 3 | | | | | | |
| 8061 F | BUR-384 | MV1 MARCAVALLE, 58 | | | 3 | | | | | | |
| 8061 G | BUR-385 | MV2 MARCAVALLE, 1J/3-1 | | | 3 | | | | | | |
| 8061 H | BUR-386 | MV3 MARCAVALLE, 1J/3-2 | | | 3 | | | | | | |
| 8061 I | BUR-387 | MV4 MARCAVALLE, 1J/5 | | | 3 | | | | | | |
| 8061 J | BUR-388 | MV5 MARCAVALLE, 1J/3-3 | | | 3 | | | | | | |
| 8061 K | BUR-387 | MV6 MARCAVALLE, 1J/7-2 | | | 3 | | | | | | |
| 8061 L | BUR-388 | MV7 MARCAVALLE, 1J/3-4 | | | 3 | | | | | | |
| 8061 M | BUR-389 | MV8 MARCAVALLE, 1J/6 | | | 3 | | | | | | |
| 8061 N | BUR-390 | MV9 MARCAVALLE, 1J/7-1 | | | 3 | | | | | | |
| 8061 O | BUR-391 | MV10 MARCAVALLE, 1J/28 | | | 3 | | | | | | |
| 8061 P | BUR-392 | MV11 MARCAVALLE, 1C/1 | | | 3 | | | | | | |

8061 Q BUR-393 MV12 MARCAVALLE, 1C/2

8061 R BUR-394 MV13 MARCAVALLE, 1C/3-1

8061 S BUR-395 MV14 MARCAVALLE, 1C/3-2

8061 T BUR-396 MV15 MARCAVALLE, 1C/3A-1

8061 U BUR-397 MV16 MARCAVALLE, 1C/3A-2

8061 V BUR-398 MV17 MARCAVALLE, 1C/6

8061 W BUR-399 MV18 MARCAVALLE, 1C/11

8061 X BUR-400 MV19 MARCAVALLE, 1F/4-1

8061 Y BUR-401 MV20 MARCAVALLE, 1F/4-2

8061 Z BUR-402 QL3 QALUYU, 2F/3-1

8061 1 BUR-403 QL4 QALUYU, 2F/3-2

8061 2 BUR-404 QL5 QALUYU, 2C/6-1

8061 3 BUR-405 QL6 QALUYU, 2C/6-2

8061 4 BUR-406 QL7 QALUYU, 2C/6-3

8061 5 BUR-407 QL8 QALUYU, 2C/6-4

8061 6 BUR-408 QL9 QALUYU, 2C/10

8061 7 BUR-409 QL10 QALUYU, 2B/6-1

8061 8 BUR-410 QL11 QALUYU, 2B/6-2

8061 9 BUR-411 QL12 QALUYU, 2B/4

8061 + BUR-412 QL13 QALUYU, 2B/4C-1

8061 - BUR-413 QL14 QALUYU, 2B/4C-2

8061 * BUR-414 QL15 QALUYU, 2B/4C-3

8061 / BUR-415 QL16 QALUYU, 2B/6-3

8061 \ BUR-416 QL17 QALUYU, 2B/6-5

8061 \$ BUR-417 QL18 QALUYU, 2B/6-6

8061 . BUR-418 QL19 QALUYU, 2B/6-7

8061] BUR-419 QL20 QALUYU, 2B/9

8061 # BUR-420 QL21 QALUYU, 2B/16

8061 > BUR-421 QL22 QALUYU, 2B/8-1

8061 ^ BUR-422 QL23 QALUYU, 2B/8-2

8061 † BUR-423 QL24 QALUYU, 2B/8N-1

8061 ; BUR-424 QL25 QALUYU, 2B/8N-2