

Pu reference spectra from LNHB

Reference spectra obtained from a HPGe coaxial detector

File name : C-backg	Origin and date : CEA-DAMRI 2000, October 10
Sample : Background	Origin : IRMM, Pu-2000 exercise
Detector : HPGe coaxial (n type)	Crystal diameter (cm) : 5.2
FWHM at 208 keV (keV) : 0.88	Crystal thickness (cm) : 5.7
Number of channels : 8192	Live/real counting times (s) : 3600/3605
Energy first channel (keV) : 0	Energy last channel (keV) : 614

File name : C-A-1	Origin and date : CEA-DAMRI 2000, October 9
Sample : A - 460	Origin : IRMM, Pu-2000 exercise
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1	
Pu-238/Pu : 0.117 ± 0.005	Pu-239/Pu : 79.49 ± 0.08
Pu-240/Pu : 18.99 ± 0.06	Pu-241/Pu : 0.741 ± 0.006
Pu-242/Pu : 0.664 ± 0.009	Am-241/Pu : 1.689 ± 0.020
Detector : HPGe coaxial (n type)	Crystal diameter (cm) : 5.2
FWHM at 208 keV (keV) : 0.89	Crystal thickness (cm) : 5.7
Number of channels : 8192	Live/real counting times (s) : 1200/1570
Energy first channel (keV) : 0	Energy last channel (keV) : 614

File name : C-A-2	Origin and date : CEA-DAMRI 2000, October 9
Sample : A - 460	Origin : IRMM, Pu-2000 exercise
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1	
Pu-238/Pu : 0.117 ± 0.005	Pu-239/Pu : 79.49 ± 0.08
Pu-240/Pu : 18.99 ± 0.06	Pu-241/Pu : 0.741 ± 0.006
Pu-242/Pu : 0.664 ± 0.009	Am-241/Pu : 1.689 ± 0.020
Detector : HPGe coaxial (n type)	Crystal diameter (cm) : 5.2
FWHM at 208 keV (keV) : 0.88	Crystal thickness (cm) : 5.7
Number of channels : 8192	Live/real counting times (s) : 1200/1570
Energy first channel (keV) : 0	Energy last channel (keV) : 614

File name : C-A-3	Origin and date : CEA-DAMRI 2000, October 9
Sample : A - 460	Origin : IRMM, Pu-2000 exercise
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1	
Pu-238/Pu : 0.117 ± 0.005	Pu-239/Pu : 79.49 ± 0.08
Pu-240/Pu : 18.99 ± 0.06	Pu-241/Pu : 0.741 ± 0.006
Pu-242/Pu : 0.664 ± 0.009	Am-241/Pu : 1.689 ± 0.020
Detector : HPGe coaxial (n type)	Crystal diameter (cm) : 5.2
FWHM at 208 keV (keV) : 0.88	Crystal thickness (cm) : 5.7
Number of channels : 8192	Live/real counting times (s) : 1200/1570
Energy first channel (keV) : 0	Energy last channel (keV) : 614

File name : C-B-1	Origin and date : CEA-DAMRI 2000, October 10
Sample : B - 845	Origin : IRMM, Pu-2000 exercise
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1	
Pu-238/Pu : 1.44 ± 0.01	Pu-239/Pu : 61.30 ± 0.09
Pu-240/Pu : 26.90 ± 0.07	Pu-241/Pu : 4.39 ± 0.02
Pu-242/Pu : 6.06 ± 0.02	Am-241/Pu : 8.25 ± 0.21
Detector : HPGe coaxial (n type)	Crystal diameter (cm) : 5.2
FWHM at 208 keV (keV) : 0.89	Crystal thickness (cm) : 5.7
Number of channels : 8192	Live/real counting times (s) : 1200/1540
Energy first channel (keV) : 0	Energy last channel (keV) : 614

File name : C-B-2
Sample : B - 845
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 1.44 ± 0.01
Pu-240/Pu : 26.90 ± 0.07
Pu-242/Pu : 6.06 ± 0.02
Detector : HPGe coaxial (n type)
FWHM at 208 keV (keV) : 0.89
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 10
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 61.30 ± 0.09
Pu-241/Pu : 4.39 ± 0.02
Am-241/Pu : 8.25 ± 0.21
Crystal diameter (cm) : 5.2
Crystal thickness (cm) : 5.7
Live/real counting times (s) : 1200/1540
Energy last channel (keV) : 614

File name : C-B-3
Sample : B - 845
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 1.44 ± 0.01
Pu-240/Pu : 26.90 ± 0.07
Pu-242/Pu : 6.06 ± 0.02
Detector : HPGe coaxial (n type)
FWHM at 208 keV (keV) : 0.89
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 10
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 61.30 ± 0.09
Pu-241/Pu : 4.39 ± 0.02
Am-241/Pu : 8.25 ± 0.21
Crystal diameter (cm) : 5.2
Crystal thickness (cm) : 5.7
Live/real counting times (s) : 1200/1540
Energy last channel (keV) : 614

File name : C-C-1
Sample : C - 1439A
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0105 ± 0.0001
Pu-240/Pu : 6.314 ± 0.002
Pu-242/Pu : 0.0396 ± 0.0002
Detector : HPGe coaxial (n type)
FWHM at 208 keV (keV) : 0.89
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 11
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 93.520 ± 0.004
Pu-241/Pu : 0.1161 ± 0.0001
Am-241/Pu : 1.19 ± 0.01
Crystal diameter (cm) : 5.2
Crystal thickness (cm) : 5.7
Live/real counting times (s) : 1200/1565
Energy last channel (keV) : 614

File name : C-C-2
Sample : C - 1439A
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0105 ± 0.0001
Pu-240/Pu : 6.314 ± 0.002
Pu-242/Pu : 0.0396 ± 0.0002
Detector : HPGe coaxial (n type)
FWHM at 208 keV (keV) : 0.90
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 11
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 93.520 ± 0.004
Pu-241/Pu : 0.1161 ± 0.0001
Am-241/Pu : 1.19 ± 0.01
Crystal diameter (cm) : 5.2
Crystal thickness (cm) : 5.7
Live/real counting times (s) : 1200/1564
Energy last channel (keV) : 614

File name : C-C-3
Sample : C - 1439A
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0105 ± 0.0001
Pu-240/Pu : 6.314 ± 0.002
Pu-242/Pu : 0.0396 ± 0.0002
Detector : HPGe coaxial (n type)
FWHM at 208 keV (keV) : 0.89
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 11
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 93.520 ± 0.004
Pu-241/Pu : 0.1161 ± 0.0001
Am-241/Pu : 1.19 ± 0.01
Crystal diameter (cm) : 5.2
Crystal thickness (cm) : 5.7
Live/real counting times (s) : 1200/1565
Energy last channel (keV) : 614

File name : C-D-1
Sample : D - 1439A
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0105 ± 0.0001
Pu-240/Pu : 6.314 ± 0.002
Pu-242/Pu : 0.0396 ± 0.0002
Detector : HPGe coaxial (n type)
FWHM at 208 keV (keV) : 0.89
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 11
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 93.520 ± 0.004
Pu-241/Pu : 0.1161 ± 0.0001
Am-241/Pu : 1.17 ± 0.01
Crystal diameter (cm) : 5.2
Crystal thickness (cm) : 5.7
Live/real counting times (s) : 1200/1529
Energy last channel (keV) : 614

File name : C-D-2
Sample : D - 1439A
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0105 ± 0.0001
Pu-240/Pu : 6.314 ± 0.002
Pu-242/Pu : 0.0396 ± 0.0002
Detector : HPGe coaxial (n type)
FWHM at 208 keV (keV) : 0.89
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 11
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 93.520 ± 0.004
Pu-241/Pu : 0.1161 ± 0.0001
Am-241/Pu : 1.17 ± 0.01
Crystal diameter (cm) : 5.2
Crystal thickness (cm) : 5.7
Live/real counting times (s) : 1200/1529
Energy last channel (keV) : 614

File name : C-D-3
Sample : D - 1439A
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0105 ± 0.0001
Pu-240/Pu : 6.314 ± 0.002
Pu-242/Pu : 0.0396 ± 0.0002
Detector : HPGe coaxial (n type)
FWHM at 208 keV (keV) : 0.91
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 11
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 93.520 ± 0.004
Pu-241/Pu : 0.1161 ± 0.0001
Am-241/Pu : 1.17 ± 0.01
Crystal diameter (cm) : 5.2
Crystal thickness (cm) : 5.7
Live/real counting times (s) : 1200/1529
Energy last channel (keV) : 614

File name : C-E-1
Sample : E - 1484
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0100 ± 0.0002
Pu-240/Pu : 5.989 ± 0.003
Pu-242/Pu : 0.0340 ± 0.0008
Detector : HPGe coaxial (n type)
FWHM at 208 keV (keV) : 0.89
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 10
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 93.85 ± 0.03
Pu-241/Pu : 0.1120 ± 0.0008
Am-241/Pu : 0.310 ± 0.002
Crystal diameter (cm) : 5.2
Crystal thickness (cm) : 5.7
Live/real counting times (s) : 1200/1483
Energy last channel (keV) : 614

File name : C-E-2
Sample : E - 1484
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0100 ± 0.0002
Pu-240/Pu : 5.989 ± 0.003
Pu-242/Pu : 0.0340 ± 0.0008
Detector : HPGe coaxial (n type)
FWHM at 208 keV (keV) : 0.89
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 10
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 93.85 ± 0.03
Pu-241/Pu : 0.1120 ± 0.0008
Am-241/Pu : 0.310 ± 0.002
Crystal diameter (cm) : 5.2
Crystal thickness (cm) : 5.7
Live/real counting times (s) : 1200/1483
Energy last channel (keV) : 614

File name : C-E-3
Sample : E - 1484
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0100 ± 0.0002
Pu-240/Pu : 5.989 ± 0.003
Pu-242/Pu : 0.0340 ± 0.0008
Detector : HPGe coaxial (n type)
FWHM at 208 keV (keV) : 0.89
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 10
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 93.85 ± 0.03
Pu-241/Pu : 0.1120 ± 0.0008
Am-241/Pu : 0.310 ± 0.002
Crystal diameter (cm) : 5.2
Crystal thickness (cm) : 5.7
Live/real counting times (s) : 1200/1483
Energy last channel (keV) : 614

File name : C-F-1
Sample : F - 1484
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0206 ± 0.0003
Pu-240/Pu : 10.111 ± 0.004
Pu-242/Pu : 0.094 ± 0.001
Detector : HPGe coaxial (n type)
FWHM at 208 keV (keV) : 0.89
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 10
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 89.53 ± 0.02
Pu-241/Pu : 0.250 ± 0.001
Am-241/Pu : 0.456 ± 0.003
Crystal diameter (cm) : 5.2
Crystal thickness (cm) : 5.7
Live/real counting times (s) : 1200/1570
Energy last channel (keV) : 614

File name : C-F-2
Sample : F - 1484
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0206 ± 0.0003
Pu-240/Pu : 10.111 ± 0.004
Pu-242/Pu : 0.094 ± 0.001
Detector : HPGe coaxial (n type)
FWHM at 208 keV (keV) : 0.89
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 10
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 89.53 ± 0.02
Pu-241/Pu : 0.250 ± 0.001
Am-241/Pu : 0.456 ± 0.003
Crystal diameter (cm) : 5.2
Crystal thickness (cm) : 5.7
Live/real counting times (s) : 1200/1570
Energy last channel (keV) : 614

File name : C-F-3
Sample : F - 1484
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0206 ± 0.0003
Pu-240/Pu : 10.111 ± 0.004
Pu-242/Pu : 0.094 ± 0.001
Detector : HPGe coaxial (n type)
FWHM at 208 keV (keV) : 0.89
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 10
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 89.53 ± 0.02
Pu-241/Pu : 0.250 ± 0.001
Am-241/Pu : 0.456 ± 0.003
Crystal diameter (cm) : 5.2
Crystal thickness (cm) : 5.7
Live/real counting times (s) : 1200/1570
Energy last channel (keV) : 614

File name : C-G-1
Sample : G - 1484
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0431 ± 0.0001
Pu-240/Pu : 14.196 ± 0.004
Pu-242/Pu : 0.235 ± 0.004
Detector : HPGe coaxial (n type)
FWHM at 208 keV (keV) : 0.89
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 10
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 84.97 ± 0.02
Pu-241/Pu : 0.559 ± 0.002
Am-241/Pu : 1.06 ± 0.001
Crystal diameter (cm) : 5.2
Crystal thickness (cm) : 5.7
Live/real counting times (s) : 1200/1518
Energy last channel (keV) : 614

File name : C-G-2
Sample : G - 1484
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0431 ± 0.0001
Pu-240/Pu : 14.196 ± 0.004
Pu-242/Pu : 0.235 ± 0.004
Detector : HPGe coaxial (n type)
FWHM at 208 keV (keV) : 0.89
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 10
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 84.97 ± 0.02
Pu-241/Pu : 0.559 ± 0.002
Am-241/Pu : 1.06 ± 0.001
Crystal diameter (cm) : 5.2
Crystal thickness (cm) : 5.7
Live/real counting times (s) : 1200/1518
Energy last channel (keV) : 614

File name : C-G-3
Sample : G - 1484
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0431 ± 0.0001
Pu-240/Pu : 14.196 ± 0.004
Pu-242/Pu : 0.235 ± 0.004
Detector : HPGe coaxial (n type)
FWHM at 208 keV (keV) : 0.89
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 10
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 84.97 ± 0.02
Pu-241/Pu : 0.559 ± 0.002
Am-241/Pu : 1.06 ± 0.001
Crystal diameter (cm) : 5.2
Crystal thickness (cm) : 5.7
Live/real counting times (s) : 1200/1517
Energy last channel (keV) : 614

File name : C-H-1
Sample : H - 1484
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.100 ± 0.001
Pu-240/Pu : 19.917 ± 0.004
Pu-242/Pu : 0.568 ± 0.002
Detector : HPGe coaxial (n type)
FWHM at 208 keV (keV) : 0.89
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 11
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 78.39 ± 0.01
Pu-241/Pu : 1.036 ± 0.002
Am-241/Pu : 2.37 ± 0.02
Crystal diameter (cm) : 5.2
Crystal thickness (cm) : 5.7
Live/real counting times (s) : 1200/1559
Energy last channel (keV) : 614

File name : C-H-2
Sample : H - 1484
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.100 ± 0.001
Pu-240/Pu : 19.917 ± 0.004
Pu-242/Pu : 0.568 ± 0.002
Detector : HPGe coaxial (n type)
FWHM at 208 keV (keV) : 0.89
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 11
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 78.39 ± 0.01
Pu-241/Pu : 1.036 ± 0.002
Am-241/Pu : 2.37 ± 0.02
Crystal diameter (cm) : 5.2
Crystal thickness (cm) : 5.7
Live/real counting times (s) : 1200/1559
Energy last channel (keV) : 614

File name : C-H-3
Sample : H - 1484
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.100 ± 0.001
Pu-240/Pu : 19.917 ± 0.004
Pu-242/Pu : 0.568 ± 0.002
Detector : HPGe coaxial (n type)
FWHM at 208 keV (keV) : 0.89
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 11
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 78.39 ± 0.01
Pu-241/Pu : 1.036 ± 0.002
Am-241/Pu : 2.37 ± 0.02
Crystal diameter (cm) : 5.2
Crystal thickness (cm) : 5.7
Live/real counting times (s) : 1200/1559
Energy last channel (keV) : 614

File name : C-I-1
Sample : I - 1484
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.121 ± 0.001
Pu-240/Pu : 21.40 ± 0.01
Pu-242/Pu : 0.700 ± 0.008
Detector : HPGe coaxial (n type)
FWHM at 208 keV (keV) : 0.89
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 11
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 76.61 ± 0.02
Pu-241/Pu : 1.164 ± 0.002
Am-241/Pu : 2.643 ± 0.003
Crystal diameter (cm) : 5.2
Crystal thickness (cm) : 5.7
Live/real counting times (s) : 1200/1543
Energy last channel (keV) : 614

File name : C-I-2
Sample : I - 1484
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.121 ± 0.001
Pu-240/Pu : 21.40 ± 0.01
Pu-242/Pu : 0.700 ± 0.008
Detector : HPGe coaxial (n type)
FWHM at 208 keV (keV) : 0.89
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 11
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 76.61 ± 0.02
Pu-241/Pu : 1.164 ± 0.002
Am-241/Pu : 2.643 ± 0.003
Crystal diameter (cm) : 5.2
Crystal thickness (cm) : 5.7
Live/real counting times (s) : 1200/1543
Energy last channel (keV) : 614

File name : C-I-3
Sample : I - 1484
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.121 ± 0.001
Pu-240/Pu : 21.40 ± 0.01
Pu-242/Pu : 0.700 ± 0.008
Detector : HPGe coaxial (n type)
FWHM at 208 keV (keV) : 0.89
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 11
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 76.61 ± 0.02
Pu-241/Pu : 1.164 ± 0.002
Am-241/Pu : 2.643 ± 0.003
Crystal diameter (cm) : 5.2
Crystal thickness (cm) : 5.7
Live/real counting times (s) : 1200/1543
Energy last channel (keV) : 614

File name : C-J-1
Sample : J - 1484
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.869 ± 0.003
Pu-240/Pu : 24.490 ± 0.005
Pu-242/Pu : 3.521 ± 0.003
Detector : HPGe coaxial (n type)
FWHM at 208 keV (keV) : 0.89
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 11
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 68.09 ± 0.01
Pu-241/Pu : 3.027 ± 0.003
Am-241/Pu : 6.10 ± 0.10
Crystal diameter (cm) : 5.2
Crystal thickness (cm) : 5.7
Live/real counting times (s) : 1200/1526
Energy last channel (keV) : 614

File name : C-J-2
Sample : J - 1484
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.869 ± 0.003
Pu-240/Pu : 24.490 ± 0.005
Pu-242/Pu : 3.521 ± 0.003
Detector : HPGe coaxial (n type)
FWHM at 208 keV (keV) : 0.89
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 11
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 68.09 ± 0.01
Pu-241/Pu : 3.027 ± 0.003
Am-241/Pu : 6.10 ± 0.10
Crystal diameter (cm) : 5.2
Crystal thickness (cm) : 5.7
Live/real counting times (s) : 1200/1526
Energy last channel (keV) : 614

File name : C-J-3
Sample : J - 1484
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.869 ± 0.003
Pu-240/Pu : 24.490 ± 0.005
Pu-242/Pu : 3.521 ± 0.003
Detector : HPGe coaxial (n type)
FWHM at 208 keV (keV) : 0.88
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 11
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 68.09 ± 0.01
Pu-241/Pu : 3.027 ± 0.003
Am-241/Pu : 6.10 ± 0.10
Crystal diameter (cm) : 5.2
Crystal thickness (cm) : 5.7
Live/real counting times (s) : 1200/1526
Energy last channel (keV) : 614

File name : C-K-1
Sample : K - 1484
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 1.180 ± 0.007
Pu-240/Pu : 26.46 ± 0.001
Pu-242/Pu : 4.617 ± 0.005
Detector : HPGe coaxial (n type)
FWHM at 208 keV (keV) : 0.92
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 13
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 64.15 ± 0.02
Pu-241/Pu : 3.753 ± 0.004
Am-241/Pu : 6.50 ± 0.10
Crystal diameter (cm) : 5.2
Crystal thickness (cm) : 5.7
Live/real counting times (s) : 1200/1513
Energy last channel (keV) : 614

File name : C-K-2
Sample : K - 1484
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 1.180 ± 0.007
Pu-240/Pu : 26.46 ± 0.001
Pu-242/Pu : 4.617 ± 0.005
Detector : HPGe coaxial (n type)
FWHM at 208 keV (keV) : 0.91
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 13
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 64.15 ± 0.02
Pu-241/Pu : 3.753 ± 0.004
Am-241/Pu : 6.50 ± 0.10
Crystal diameter (cm) : 5.2
Crystal thickness (cm) : 5.7
Live/real counting times (s) : 1200/1513
Energy last channel (keV) : 614

File name : C-K-3
Sample : K - 1484
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 1.180 ± 0.007
Pu-240/Pu : 26.46 ± 0.001
Pu-242/Pu : 4.617 ± 0.005
Detector : HPGe coaxial (n type)
FWHM at 208 keV (keV) : 0.92
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 13
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 64.15 ± 0.02
Pu-241/Pu : 3.753 ± 0.004
Am-241/Pu : 6.50 ± 0.10
Crystal diameter (cm) : 5.2
Crystal thickness (cm) : 5.7
Live/real counting times (s) : 1200/1513
Energy last channel (keV) : 614

File name : C-L-1
Sample : L - 1991
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.010 ± 0.001
Pu-240/Pu : 1.630 ± 0.005
Pu-242/Pu : 0.023 ± 0.001
Detector : HPGe coaxial (n type)
FWHM at 208 keV (keV) : 0.88
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 11
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 98.30 ± 0.15
Pu-241/Pu : 0.048 ± 0.001
Am-241/Pu : 1.21 ± 0.02
Crystal diameter (cm) : 5.2
Crystal thickness (cm) : 5.7
Live/real counting times (s) : 1200/1531
Energy last channel (keV) : 614

File name : C-L-2
Sample : L - 1991
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.010 ± 0.001
Pu-240/Pu : 1.630 ± 0.005
Pu-242/Pu : 0.023 ± 0.001
Detector : HPGe coaxial (n type)
FWHM at 208 keV (keV) : 0.89
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 11
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 98.30 ± 0.15
Pu-241/Pu : 0.048 ± 0.001
Am-241/Pu : 1.21 ± 0.02
Crystal diameter (cm) : 5.2
Crystal thickness (cm) : 5.7
Live/real counting times (s) : 1200/1530
Energy last channel (keV) : 614

File name : C-L-3
Sample : L - 1991
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.010 ± 0.001
Pu-240/Pu : 1.630 ± 0.005
Pu-242/Pu : 0.023 ± 0.001
Detector : HPGe coaxial (n type)
FWHM at 208 keV (keV) : 0.89
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 11
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 98.30 ± 0.15
Pu-241/Pu : 0.048 ± 0.001
Am-241/Pu : 1.21 ± 0.02
Crystal diameter (cm) : 5.2
Crystal thickness (cm) : 5.7
Live/real counting times (s) : 1200/1530
Energy last channel (keV) : 614

File name : C-M-1
Sample : M - 1406
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0109 ± 0.0001
Pu-240/Pu : 6.292 ± 0.001
Pu-242/Pu : 0.0385 ± 0.0002
Detector : HPGe coaxial (n type)
FWHM at 208 keV (keV) : 0.93
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 12
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 93.54 ± 0.01
Pu-241/Pu : 0.1149 ± 0.0003
Am-241/Pu : 0.2013 ± 0.0038
Crystal diameter (cm) : 5.2
Crystal thickness (cm) : 5.7
Live/real counting times (s) : 1200/1520
Energy last channel (keV) : 614

File name : C-M-2
Sample : M - 1406
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0109 ± 0.0001
Pu-240/Pu : 6.292 ± 0.001
Pu-242/Pu : 0.0385 ± 0.0002
Detector : HPGe coaxial (n type)
FWHM at 208 keV (keV) : 0.93
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 12
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 93.54 ± 0.01
Pu-241/Pu : 0.1149 ± 0.0003
Am-241/Pu : 0.2013 ± 0.0038
Crystal diameter (cm) : 5.2
Crystal thickness (cm) : 5.7
Live/real counting times (s) : 1200/1520
Energy last channel (keV) : 614

File name : C-M-3
Sample : M - 1406
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0109 ± 0.0001
Pu-240/Pu : 6.292 ± 0.001
Pu-242/Pu : 0.0385 ± 0.0002
Detector : HPGe coaxial (n type)
FWHM at 208 keV (keV) : 0.94
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 12
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 93.54 ± 0.01
Pu-241/Pu : 0.1149 ± 0.0003
Am-241/Pu : 0.2013 ± 0.0038
Crystal diameter (cm) : 5.2
Crystal thickness (cm) : 5.7
Live/real counting times (s) : 1200/1519
Energy last channel (keV) : 614

File name : C-N-1
Sample : N - 1413
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 1.303 ± 0.002
Pu-240/Pu : 24.021 ± 0.006
Pu-242/Pu : 4.642 ± 0.004
Detector : HPGe coaxial (n type)
FWHM at 208 keV (keV) : 0.89
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 12
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 64.993 ± 0.006
Pu-241/Pu : 5.041 ± 0.003
Am-241/Pu : 4.95 ± 0.03
Crystal diameter (cm) : 5.2
Crystal thickness (cm) : 5.7
Live/real counting times (s) : 1200/1462
Energy last channel (keV) : 614

File name : C-N-2
Sample : N - 1413
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 1.303 ± 0.002
Pu-240/Pu : 24.021 ± 0.006
Pu-242/Pu : 4.642 ± 0.004
Detector : HPGe coaxial (n type)
FWHM at 208 keV (keV) : 0.89
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 12
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 64.993 ± 0.006
Pu-241/Pu : 5.041 ± 0.003
Am-241/Pu : 4.95 ± 0.03
Crystal diameter (cm) : 5.2
Crystal thickness (cm) : 5.7
Live/real counting times (s) : 1200/1464
Energy last channel (keV) : 614

File name : C-N-3
Sample : N - 1413
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 1.303 ± 0.002
Pu-240/Pu : 24.021 ± 0.006
Pu-242/Pu : 4.642 ± 0.004
Detector : HPGe coaxial (n type)
FWHM at 208 keV (keV) : 0.89
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 12
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 64.993 ± 0.006
Pu-241/Pu : 5.041 ± 0.003
Am-241/Pu : 4.95 ± 0.03
Crystal diameter (cm) : 5.2
Crystal thickness (cm) : 5.7
Live/real counting times (s) : 1200/1465
Energy last channel (keV) : 614

File name : C-O-1
Sample : O - 1070
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.00630 ± 0.00005
Pu-240/Pu : 4.5010 ± 0.0026
Pu-242/Pu : 0.0073 ± 0.0002
Detector : HPGe coaxial (n type)
FWHM at 208 keV (keV) : 0.90
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 12
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 95.42 ± 0.02
Pu-241/Pu : 0.0604 ± 0.0003
Am-241/Pu : 0.1615 ± 0.0068
Crystal diameter (cm) : 5.2
Crystal thickness (cm) : 5.7
Live/real counting times (s) : 1200/1484
Energy last channel (keV) : 614

File name : C-O-2
Sample : O - 1070
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.00630 ± 0.00005
Pu-240/Pu : 4.5010 ± 0.0026
Pu-242/Pu : 0.0073 ± 0.0002
Detector : HPGe coaxial (n type)
FWHM at 208 keV (keV) : 0.90
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 12
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 95.42 ± 0.02
Pu-241/Pu : 0.0604 ± 0.0003
Am-241/Pu : 0.1615 ± 0.0068
Crystal diameter (cm) : 5.2
Crystal thickness (cm) : 5.7
Live/real counting times (s) : 1200/1484
Energy last channel (keV) : 614

File name : C-O-3
Sample : O - 1070
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.00630 ± 0.00005
Pu-240/Pu : 4.5010 ± 0.0026
Pu-242/Pu : 0.0073 ± 0.0002
Detector : HPGe coaxial (n type)
FWHM at 208 keV (keV) : 0.90
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 12
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 95.42 ± 0.02
Pu-241/Pu : 0.0604 ± 0.0003
Am-241/Pu : 0.1615 ± 0.0068
Crystal diameter (cm) : 5.2
Crystal thickness (cm) : 5.7
Live/real counting times (s) : 1200/1484
Energy last channel (keV) : 614

File name : C-P-1
Sample : P - 2211
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 1.110 ± 0.005
Pu-240/Pu : 26.240 ± 0.005
Pu-242/Pu : 4.34 ± 0.01
Detector : HPGe coaxial (n type)
FWHM at 208 keV (keV) : 0.88
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 9
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 64.72 ± 0.01
Pu-241/Pu : 3.590 ± 0.0005
Am-241/Pu : 1.38 ± 0.01
Crystal diameter (cm) : 5.2
Crystal thickness (cm) : 5.7
Live/real counting times (s) : 3600/4505
Energy last channel (keV) : 614

File name : C-P-2
Sample : P - 2211
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 1.110 ± 0.005
Pu-240/Pu : 26.240 ± 0.005
Pu-242/Pu : 4.34 ± 0.01
Detector : HPGe coaxial (n type)
FWHM at 208 keV (keV) : 0.89
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 9
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 64.72 ± 0.01
Pu-241/Pu : 3.590 ± 0.0005
Am-241/Pu : 1.38 ± 0.01
Crystal diameter (cm) : 5.2
Crystal thickness (cm) : 5.7
Live/real counting times (s) : 3600/4505
Energy last channel (keV) : 614

File name : C-P-3
Sample : P - 2211
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 1.110 ± 0.005
Pu-240/Pu : 26.240 ± 0.005
Pu-242/Pu : 4.34 ± 0.01
Detector : HPGe coaxial (n type)
FWHM at 208 keV (keV) : 0.89
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 9
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 64.72 ± 0.01
Pu-241/Pu : 3.590 ± 0.0005
Am-241/Pu : 1.38 ± 0.01
Crystal diameter (cm) : 5.2
Crystal thickness (cm) : 5.7
Live/real counting times (s) : 3600/4506
Energy last channel (keV) : 614

File name : C-Q-1
Sample : Q - 2211
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 1.110 ± 0.005
Pu-240/Pu : 26.240 ± 0.005
Pu-242/Pu : 4.34 ± 0.01
Detector : HPGe coaxial (n type)
FWHM at 208 keV (keV) : 0.89
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 11
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 64.72 ± 0.01
Pu-241/Pu : 3.590 ± 0.0005
Am-241/Pu : 1.38 ± 0.01
Crystal diameter (cm) : 5.2
Crystal thickness (cm) : 5.7
Live/real counting times (s) : 3600/3956
Energy last channel (keV) : 614

File name : C-Q-2
Sample : Q - 2211
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 1.110 ± 0.005
Pu-240/Pu : 26.240 ± 0.005
Pu-242/Pu : 4.34 ± 0.01
Detector : HPGe coaxial (n type)
FWHM at 208 keV (keV) : 0.89
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 11
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 64.72 ± 0.01
Pu-241/Pu : 3.590 ± 0.0005
Am-241/Pu : 1.38 ± 0.01
Crystal diameter (cm) : 5.2
Crystal thickness (cm) : 5.7
Live/real counting times (s) : 3600/3957
Energy last channel (keV) : 614

File name : C-Q-3
Sample : Q - 2211
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 1.110 ± 0.005
Pu-240/Pu : 26.240 ± 0.005
Pu-242/Pu : 4.34 ± 0.01
Detector : HPGe coaxial (n type)
FWHM at 208 keV (keV) : 0.89
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 11
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 64.72 ± 0.01
Pu-241/Pu : 3.590 ± 0.0005
Am-241/Pu : 1.38 ± 0.01
Crystal diameter (cm) : 5.2
Crystal thickness (cm) : 5.7
Live/real counting times (s) : 3600/3958
Energy last channel (keV) : 614

File name : C-R-1
Sample : R - 716
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0
Pu-240/Pu : $0.021 \pm -$
Pu-242/Pu : 0
Detector : HPGe coaxial (n type)
FWHM at 208 keV (keV) : 0.89
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 11
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 99.979 ± 0.005
Pu-241/Pu : $0.0001 \pm -$
Am-241/Pu : $0.0003 \pm -$
Crystal diameter (cm) : 5.2
Crystal thickness (cm) : 5.7
Live/real counting times (s) : 3600/3956
Energy last channel (keV) : 614

File name : C-R-2
Sample : R - 716
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0
Pu-240/Pu : $0.021 \pm -$
Pu-242/Pu : 0
Detector : HPGe coaxial (n type)
FWHM at 208 keV (keV) : 0.89
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 11
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 99.979 ± 0.005
Pu-241/Pu : $0.0001 \pm -$
Am-241/Pu : $0.0003 \pm -$
Crystal diameter (cm) : 5.2
Crystal thickness (cm) : 5.7
Live/real counting times (s) : 3600/3957
Energy last channel (keV) : 614

File name : C-R-3
Sample : R - 716
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0
Pu-240/Pu : $0.021 \pm -$
Pu-242/Pu : 0
Detector : HPGe coaxial (n type)
FWHM at 208 keV (keV) : 0.89
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 11
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 99.979 ± 0.005
Pu-241/Pu : $0.0001 \pm -$
Am-241/Pu : $0.0003 \pm -$
Crystal diameter (cm) : 5.2
Crystal thickness (cm) : 5.7
Live/real counting times (s) : 3600/3958
Energy last channel (keV) : 614

File name : C-S-1
Sample : S - 1269
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.012 -
Pu-240/Pu : 99.940 ± 0.005
Pu-242/Pu : 0.029 -
Detector : HPGe coaxial (n type)
FWHM at 208 keV (keV) : 0.90
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 12
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 0.023 -
Pu-241/Pu : 0.001 -
Am-241/Pu : 0.002 -
Crystal diameter (cm) : 5.2
Crystal thickness (cm) : 5.7
Live/real counting times (s) : 1200/1521
Energy last channel (keV) : 614

File name : C-S-2
Sample : S - 1269
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.012 -
Pu-240/Pu : 99.940 ± 0.005
Pu-242/Pu : 0.029 -
Detector : HPGe coaxial (n type)
FWHM at 208 keV (keV) : 0.90
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 12
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 0.023 -
Pu-241/Pu : 0.001 -
Am-241/Pu : 0.002 -
Crystal diameter (cm) : 5.2
Crystal thickness (cm) : 5.7
Live/real counting times (s) : 1200/1519
Energy last channel (keV) : 614

File name : C-S-3
Sample : S - 1269
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.012 -
Pu-240/Pu : 99.940 ± 0.005
Pu-242/Pu : 0.029 -
Detector : HPGe coaxial (n type)
FWHM at 208 keV (keV) : 0.90
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 12
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 0.023 -
Pu-241/Pu : 0.001 -
Am-241/Pu : 0.002 -
Crystal diameter (cm) : 5.2
Crystal thickness (cm) : 5.7
Live/real counting times (s) : 1200/1517
Energy last channel (keV) : 614

File name : C-R93-1
Sample : CBNM - 93
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0105 ± 0.0001
Pu-240/Pu : 6.3138 ± 0.0020
Pu-242/Pu : 0.0396 ± 0.0002
Detector : HPGe coaxial (n type)
FWHM at 208 keV (keV) : 0.89
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 9
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 93.5201 ± 0.0044
Pu-241/Pu : 0.1161 ± 0.0001
Am-241/Pu : 0.2091 ± 0.0021
Crystal diameter (cm) : 5.2
Crystal thickness (cm) : 5.7
Live/real counting times (s) : 1200/1544
Energy last channel (keV) : 614

File name : C-R93-2
Sample : CBNM - 93
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0105 ± 0.0001
Pu-240/Pu : 6.3138 ± 0.0020
Pu-242/Pu : 0.0396 ± 0.0002
Detector : HPGe coaxial (n type)
FWHM at 208 keV (keV) : 0.89
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 9
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 93.5201 ± 0.0044
Pu-241/Pu : 0.1161 ± 0.0001
Am-241/Pu : 0.2091 ± 0.0021
Crystal diameter (cm) : 5.2
Crystal thickness (cm) : 5.7
Live/real counting times (s) : 1200/1544
Energy last channel (keV) : 614

File name : C-R93-3
Sample : CBNM - 93
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0105 ± 0.0001
Pu-240/Pu : 6.3138 ± 0.0020
Pu-242/Pu : 0.0396 ± 0.0002
Detector : HPGe coaxial (n type)
FWHM at 208 keV (keV) : 0.89
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 9
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 93.5201 ± 0.0044
Pu-241/Pu : 0.1161 ± 0.0001
Am-241/Pu : 0.2091 ± 0.0021
Crystal diameter (cm) : 5.2
Crystal thickness (cm) : 5.7
Live/real counting times (s) : 1200/1544
Energy last channel (keV) : 614

File name : C-R84-1
Sample : CBNM-84
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0635 ± 0.0003
Pu-240/Pu : 14.2657 ± 0.0043
Pu-242/Pu : 0.3596 ± 0.0005
Detector : HPGe coaxial (n type)
FWHM at 208 keV (keV) : 0.88
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 9
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 84.7755 ± 0.0058
Pu-241/Pu : 0.5357 ± 0.0005
Am-241/Pu : 0.7054 ± 0.0036
Crystal diameter (cm) : 5.2
Crystal thickness (cm) : 5.7
Live/real counting times (s) : 1200/1520
Energy last channel (keV) : 614

File name : C-R84-2
Sample : CBNM - 84
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0635 ± 0.0003
Pu-240/Pu : 14.2657 ± 0.0043
Pu-242/Pu : 0.3596 ± 0.0005
Detector : HPGe coaxial (n type)
FWHM at 208 keV (keV) : 0.88
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 9
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 84.7755 ± 0.0058
Pu-241/Pu : 0.5357 ± 0.0005
Am-241/Pu : 0.7054 ± 0.0036
Crystal diameter (cm) : 5.2
Crystal thickness (cm) : 5.7
Live/real counting times (s) : 1200/1520
Energy last channel (keV) : 614

File name : C-R84-3
Sample : CBNM - 84
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0635 ± 0.0003
Pu-240/Pu : 14.2657 ± 0.0043
Pu-242/Pu : 0.3596 ± 0.0005
Detector : HPGe coaxial (n type)
FWHM at 208 keV (keV) : 0.88
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 9
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 84.7755 ± 0.0058
Pu-241/Pu : 0.5357 ± 0.0005
Am-241/Pu : 0.7054 ± 0.0036
Crystal diameter (cm) : 5.2
Crystal thickness (cm) : 5.7
Live/real counting times (s) : 1200/1521
Energy last channel (keV) : 614

File name : C-R70-1
Sample : CBNM - 70
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.7816 ± 0.0009
Pu-240/Pu : 18.7890 ± 0.0045
Pu-242/Pu : 2.1364 ± 0.0012
Detector : HPGe coaxial (n type)
FWHM at 208 keV (keV) : 0.89
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 10
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 75.3797 ± 0.0052
Pu-241/Pu : 2.9133 ± 0.0010
Am-241/Pu : 3.852 ± 0.019
Crystal diameter (cm) : 5.2
Crystal thickness (cm) : 5.7
Live/real counting times (s) : 1200/1523
Energy last channel (keV) : 614

File name : C-R70-2
Sample : CBNM - 70
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.7816 ± 0.0009
Pu-240/Pu : 18.7890 ± 0.0045
Pu-242/Pu : 2.1364 ± 0.0012
Detector : HPGe coaxial (n type)
FWHM at 208 keV (keV) : 0.89
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 10
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 75.3797 ± 0.0052
Pu-241/Pu : 2.9133 ± 0.0010
Am-241/Pu : 3.852 ± 0.019
Crystal diameter (cm) : 5.2
Crystal thickness (cm) : 5.7
Live/real counting times (s) : 1200/1523
Energy last channel (keV) : 614

File name : C-R70-3
Sample : CBNM - 70
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.7816 ± 0.0009
Pu-240/Pu : 18.7890 ± 0.0045
Pu-242/Pu : 2.1364 ± 0.0012
Detector : HPGe coaxial (n type)
FWHM at 208 keV (keV) : 0.89
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 10
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 75.3797 ± 0.0052
Pu-241/Pu : 2.9133 ± 0.0010
Am-241/Pu : 3.852 ± 0.019
Crystal diameter (cm) : 5.2
Crystal thickness (cm) : 5.7
Live/real counting times (s) : 1200/1523
Energy last channel (keV) : 614

File name : C-R61-1
Sample : CBNM - 61
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 1.1133 ± 0.0012
Pu-240/Pu : 26.262 ± 0.012
Pu-242/Pu : 4.3399 ± 0.0033
Detector : HPGe coaxial (n type)
FWHM at 208 keV (keV) : 0.89
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 10
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 64.700 ± 0.015
Pu-241/Pu : 3.5848 ± 0.0024
Am-241/Pu : 4.754 ± 0.024
Crystal diameter (cm) : 5.2
Crystal thickness (cm) : 5.7
Live/real counting times (s) : 1200/1544
Energy last channel (keV) : 614

File name : C-R61-2
Sample : CBNM - 61
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 1.1133 ± 0.0012
Pu-240/Pu : 26.262 ± 0.012
Pu-242/Pu : 4.3399 ± 0.0033
Detector : HPGe coaxial (n type)
FWHM at 208 keV (keV) : 0.89
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 10
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 64.700 ± 0.015
Pu-241/Pu : 3.5848 ± 0.0024
Am-241/Pu : 4.754 ± 0.024
Crystal diameter (cm) : 5.2
Crystal thickness (cm) : 5.7
Live/real counting times (s) : 1200/1544
Energy last channel (keV) : 614

File name : C-R61-3
Sample : CBNM - 61
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 1.1133 ± 0.0012
Pu-240/Pu : 26.262 ± 0.012
Pu-242/Pu : 4.3399 ± 0.0033
Detector : HPGe coaxial (n type)
FWHM at 208 keV (keV) : 0.89
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 10
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 64.700 ± 0.015
Pu-241/Pu : 3.5848 ± 0.0024
Am-241/Pu : 4.754 ± 0.024
Crystal diameter (cm) : 5.2
Crystal thickness (cm) : 5.7
Live/real counting times (s) : 1200/1544
Energy last channel (keV) : 614

Reference spectra obtained from a HPGe planar detector

File name : P-backg	Origin and date : CEA-DAMRI 2000, October 11
Sample : Background	Origin : IRMM, Pu-2000 exercise
Detector : HPGe planar	Crystal diameter (cm) : 1.6
FWHM at 208 keV (keV) : 0.63	Crystal thickness (cm) : 1.0
Number of channels : 8192	Live/real counting times(s) : 3600/3601
Energy first channel (keV) : 0	Energy last channel (keV) : 614

File name : P-A-1	Origin and date : CEA-DAMRI 2000, October 9
Sample : A - 460	Origin : IRMM, Pu-2000 exercise
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1	
Pu-238/Pu : 0.117 ± 0.005	Pu-239/Pu : 79.49 ± 0.08
Pu-240/Pu : 18.99 ± 0.06	Pu-241/Pu : 0.741 ± 0.006
Pu-242/Pu : 0.664 ± 0.009	Am-241/Pu : 1.689 ± 0.020
Detector : HPGe planar	Crystal diameter (cm) : 1.6
FWHM at 208 keV (keV) : 0.66	Crystal thickness (cm) : 1.0
Number of channels : 8192	Live/real counting times(s) : 1200/1493
Energy first channel (keV) : 0	Energy last channel (keV) : 614

File name : P-A-2	Origin and date : CEA-DAMRI 2000, October 9
Sample : A - 460	Origin : IRMM, Pu-2000 exercise
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1	
Pu-238/Pu : 0.117 ± 0.005	Pu-239/Pu : 79.49 ± 0.08
Pu-240/Pu : 18.99 ± 0.06	Pu-241/Pu : 0.741 ± 0.006
Pu-242/Pu : 0.664 ± 0.009	Am-241/Pu : 1.689 ± 0.020
Detector : HPGe planar	Crystal diameter (cm) : 1.6
FWHM at 208 keV (keV) : 0.67	Crystal thickness (cm) : 1.0
Number of channels : 8192	Live/real counting times (s) : 1200/1493
Energy first channel (keV) : 0	Energy last channel (keV) : 614

File name : P-A-3	Origin and date : CEA-DAMRI 2000, October 9
Sample : A - 460	Origin : IRMM, Pu-2000 exercise
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1	
Pu-238/Pu : 0.117 ± 0.005	Pu-239/Pu : 79.49 ± 0.08
Pu-240/Pu : 18.99 ± 0.06	Pu-241/Pu : 0.741 ± 0.006
Pu-242/Pu : 0.664 ± 0.009	Am-241/Pu : 1.689 ± 0.020
Detector : HPGe planar	Crystal diameter (cm) : 1.6
FWHM at 208 keV (keV) : 0.66	Crystal thickness (cm) : 1.0
Number of channels : 8192	Live/real counting times (s) : 1200/1494
Energy first channel (keV) : 0	Energy last channel (keV) : 614

File name : P-B-1	Origin and date : CEA-DAMRI 2000, October 10
Sample : B - 845	Origin : IRMM, Pu-2000 exercise
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1	
Pu-238/Pu : 1.44 ± 0.01	Pu-239/Pu : 61.30 ± 0.09
Pu-240/Pu : 26.90 ± 0.07	Pu-241/Pu : 4.39 ± 0.02
Pu-242/Pu : 6.06 ± 0.02	Am-241/Pu : 8.25 ± 0.21
Detector : HPGe planar	Crystal diameter (cm) : 1.6
FWHM at 208 keV (keV) : 0.66	Crystal thickness (cm) : 1.0
Number of channels : 8192	Live/real counting times(s) : 1200/1452
Energy first channel (keV) : 0	Energy last channel (keV) : 614

File name : P-B-2
Sample : B - 845
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 1.44 ± 0.01
Pu-240/Pu : 26.90 ± 0.07
Pu-242/Pu : 6.06 ± 0.02
Detector : HPGe planar
FWHM at 208 keV (keV) : 0.66
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 10
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 61.30 ± 0.09
Pu-241/Pu : 4.39 ± 0.02
Am-241/Pu : 8.25 ± 0.21
Crystal diameter (cm) : 1.6
Crystal thickness (cm) : 1.0
Live/real counting times (s) : 1200/1452
Energy last channel (keV) : 614

File name : P-B-3
Sample : B - 845
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 1.44 ± 0.01
Pu-240/Pu : 26.90 ± 0.07
Pu-242/Pu : 6.06 ± 0.02
Detector : HPGe planar
FWHM at 208 keV (keV) : 0.65
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 10
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 61.30 ± 0.09
Pu-241/Pu : 4.39 ± 0.02
Am-241/Pu : 8.25 ± 0.21
Crystal diameter (cm) : 1.6
Crystal thickness (cm) : 1.0
Live/real counting times (s) : 1200/1452
Energy last channel (keV) : 614

File name : P-C-1
Sample : C - 1439A
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0105 ± 0.0001
Pu-240/Pu : 6.314 ± 0.002
Pu-242/Pu : 0.0396 ± 0.0002
Detector : HPGe planar
FWHM at 208 keV (keV) : 0.67
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 11
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 93.520 ± 0.004
Pu-241/Pu : 0.1161 ± 0.0001
Am-241/Pu : 1.19 ± 0.01
Crystal diameter (cm) : 1.6
Crystal thickness (cm) : 1.0
Live/real counting times(s) : 1200/1478
Energy last channel (keV) : 614

File name : P-C-2
Sample : C - 1439A
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0105 ± 0.0001
Pu-240/Pu : 6.314 ± 0.002
Pu-242/Pu : 0.0396 ± 0.0002
Detector : HPGe planar
FWHM at 208 keV (keV) : 0.64
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 11
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 93.520 ± 0.004
Pu-241/Pu : 0.1161 ± 0.0001
Am-241/Pu : 1.19 ± 0.01
Crystal diameter (cm) : 1.6
Crystal thickness (cm) : 1.0
Live/real counting times (s) : 1200/1478
Energy last channel (keV) : 614

File name : P-C-3
Sample : C - 1439A
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0105 ± 0.0001
Pu-240/Pu : 6.314 ± 0.002
Pu-242/Pu : 0.0396 ± 0.0002
Detector : HPGe planar
FWHM at 208 keV (keV) : 0.66
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 11
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 93.520 ± 0.004
Pu-241/Pu : 0.1161 ± 0.0001
Am-241/Pu : 1.19 ± 0.01
Crystal diameter (cm) : 1.6
Crystal thickness (cm) : 1.0
Live/real counting times (s) : 1200/1478
Energy last channel (keV) : 614

File name : P-D-1
Sample : D - 1439A
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0105 ± 0.0001
Pu-240/Pu : 6.314 ± 0.002
Pu-242/Pu : 0.0396 ± 0.0002
Detector : HPGe planar
FWHM at 208 keV (keV) : 0.66
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 11
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 93.520 ± 0.004
Pu-241/Pu : 0.1161 ± 0.0001
Am-241/Pu : 1.17 ± 0.01
Crystal diameter (cm) : 1.6
Crystal thickness (cm) : 1.0
Live/real counting times(s) : 1200/1459
Energy last channel (keV) : 614

File name : P-D-2
Sample : D - 1439A
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0105 ± 0.0001
Pu-240/Pu : 6.314 ± 0.002
Pu-242/Pu : 0.0396 ± 0.0002
Detector : HPGe planar
FWHM at 208 keV (keV) : 0.66
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 11
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 93.520 ± 0.004
Pu-241/Pu : 0.1161 ± 0.0001
Am-241/Pu : 1.17 ± 0.01
Crystal diameter (cm) : 1.6
Crystal thickness (cm) : 1.0
Live/real counting times (s) : 1200/1459
Energy last channel (keV) : 614

File name : P-D-3
Sample : D - 1439A
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0105 ± 0.0001
Pu-240/Pu : 6.314 ± 0.002
Pu-242/Pu : 0.0396 ± 0.0002
Detector : HPGe planar
FWHM at 208 keV (keV) : 0.64
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 11
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 93.520 ± 0.004
Pu-241/Pu : 0.1161 ± 0.0001
Am-241/Pu : 1.17 ± 0.01
Crystal diameter (cm) : 1.6
Crystal thickness (cm) : 1.0
Live/real counting times (s) : 1200/1459
Energy last channel (keV) : 614

File name : P-E-1
Sample : E - 1484
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0100 ± 0.0002
Pu-240/Pu : 5.989 ± 0.003
Pu-242/Pu : 0.0340 ± 0.0008
Detector : HPGe planar
FWHM at 208 keV (keV) : 0.64
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 10
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 93.85 ± 0.03
Pu-241/Pu : 0.1120 ± 0.0008
Am-241/Pu : 0.310 ± 0.002
Crystal diameter (cm) : 1.6
Crystal thickness (cm) : 1.0
Live/real counting times (s) : 1200/1403
Energy last channel (keV) : 614

File name : P-E-2
Sample : E - 1484
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0100 ± 0.0002
Pu-240/Pu : 5.989 ± 0.003
Pu-242/Pu : 0.0340 ± 0.0008
Detector : HPGe planar
FWHM at 208 keV (keV) : 0.64
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 10
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 93.85 ± 0.03
Pu-241/Pu : 0.1120 ± 0.0008
Am-241/Pu : 0.310 ± 0.002
Crystal diameter (cm) : 1.6
Crystal thickness (cm) : 1.0
Live/real counting times (s) : 1200/1403
Energy last channel (keV) : 614

File name : P-E-3
Sample : E - 1484
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0100 ± 0.0002
Pu-240/Pu : 5.989 ± 0.003
Pu-242/Pu : 0.0340 ± 0.0008
Detector : HPGe planar
FWHM at 208 keV (keV) : 0.64
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 10
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 93.85 ± 0.03
Pu-241/Pu : 0.1120 ± 0.0008
Am-241/Pu : 0.310 ± 0.002
Crystal diameter (cm) : 1.6
Crystal thickness (cm) : 1.0
Live/real counting times (s) : 1200/1403
Energy last channel (keV) : 614

File name : P-F-1
Sample : F - 1484
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0206 ± 0.0003
Pu-240/Pu : 10.111 ± 0.004
Pu-242/Pu : 0.094 ± 0.001
Detector : HPGe planar
FWHM at 208 keV (keV) : 0.64
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 10
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 89.53 ± 0.02
Pu-241/Pu : 0.250 ± 0.001
Am-241/Pu : 0.456 ± 0.003
Crystal diameter (cm) : 1.6
Crystal thickness (cm) : 1.0
Live/real counting times (s) : 1200/1285
Energy last channel (keV) : 614

File name : P-F-2
Sample : F - 1484
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0206 ± 0.0003
Pu-240/Pu : 10.111 ± 0.004
Pu-242/Pu : 0.094 ± 0.001
Detector : HPGe planar
FWHM at 208 keV (keV) : 0.64
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 10
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 89.53 ± 0.02
Pu-241/Pu : 0.250 ± 0.001
Am-241/Pu : 0.456 ± 0.003
Crystal diameter (cm) : 1.6
Crystal thickness (cm) : 1.0
Live/real counting times (s) : 1200/1285
Energy last channel (keV) : 614

File name : P-F-3
Sample : F - 1484
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0206 ± 0.0003
Pu-240/Pu : 10.111 ± 0.004
Pu-242/Pu : 0.094 ± 0.001
Detector : HPGe planar
FWHM at 208 keV (keV) : 0.65
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 10
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 89.53 ± 0.02
Pu-241/Pu : 0.250 ± 0.001
Am-241/Pu : 0.456 ± 0.003
Crystal diameter (cm) : 1.6
Crystal thickness (cm) : 1.0
Live/real counting times (s) : 1200/1285
Energy last channel (keV) : 614

File name : P-G-1
Sample : G - 1484
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0431 ± 0.0001
Pu-240/Pu : 14.196 ± 0.004
Pu-242/Pu : 0.235 ± 0.004
Detector : HPGe planar
FWHM at 208 keV (keV) : 0.65
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 10
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 84.97 ± 0.02
Pu-241/Pu : 0.559 ± 0.002
Am-241/Pu : 1.06 ± 0.001
Crystal diameter (cm) : 1.6
Crystal thickness (cm) : 1.0
Live/real counting times (s) : 1200/1379
Energy last channel (keV) : 614

File name : P-G-2
Sample : G - 1484
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0431 ± 0.0001
Pu-240/Pu : 14.196 ± 0.004
Pu-242/Pu : 0.235 ± 0.004
Detector : HPGe planar
FWHM at 208 keV (keV) : 0.66
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 10
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 84.97 ± 0.02
Pu-241/Pu : 0.559 ± 0.002
Am-241/Pu : 1.06 ± 0.001
Crystal diameter (cm) : 1.6
Crystal thickness (cm) : 1.0
Live/real counting times (s) : 1200/1379
Energy last channel (keV) : 614

File name : P-G-3
Sample : G - 1484
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0431 ± 0.0001
Pu-240/Pu : 14.196 ± 0.004
Pu-242/Pu : 0.235 ± 0.004
Detector : HPGe planar
FWHM at 208 keV (keV) : 0.66
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 10
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 84.97 ± 0.02
Pu-241/Pu : 0.559 ± 0.002
Am-241/Pu : 1.06 ± 0.001
Crystal diameter (cm) : 1.6
Crystal thickness (cm) : 1.0
Live/real counting times (s) : 1200/1379
Energy last channel (keV) : 614

File name : P-H-1
Sample : H - 1484
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.100 ± 0.001
Pu-240/Pu : 19.917 ± 0.004
Pu-242/Pu : 0.568 ± 0.002
Detector : HPGe planar
FWHM at 208 keV (keV) : 0.64
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 11
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 78.39 ± 0.01
Pu-241/Pu : 1.036 ± 0.002
Am-241/Pu : 2.37 ± 0.02
Crystal diameter (cm) : 1.6
Crystal thickness (cm) : 1.0
Live/real counting times (s) : 1200/1400
Energy last channel (keV) : 614

File name : P-H-2
Sample : H - 1484
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.100 ± 0.001
Pu-240/Pu : 19.917 ± 0.004
Pu-242/Pu : 0.568 ± 0.002
Detector : HPGe planar
FWHM at 208 keV (keV) : 0.64
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 11
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 78.39 ± 0.01
Pu-241/Pu : 1.036 ± 0.002
Am-241/Pu : 2.37 ± 0.02
Crystal diameter (cm) : 1.6
Crystal thickness (cm) : 1.0
Live/real counting times (s) : 1200/1400
Energy last channel (keV) : 614

File name : P-H-3
Sample : H - 1484
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.100 ± 0.001
Pu-240/Pu : 19.917 ± 0.004
Pu-242/Pu : 0.568 ± 0.002
Detector : HPGe planar
FWHM at 208 keV (keV) : 0.65
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 11
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 78.39 ± 0.01
Pu-241/Pu : 1.036 ± 0.002
Am-241/Pu : 2.37 ± 0.02
Crystal diameter (cm) : 1.6
Crystal thickness (cm) : 1.0
Live/real counting times (s) : 1200/1400
Energy last channel (keV) : 614

File name : P-I-1
Sample : I - 1484
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.121 ± 0.001
Pu-240/Pu : 21.40 ± 0.01
Pu-242/Pu : 0.700 ± 0.008
Detector : HPGe planar
FWHM at 208 keV (keV) : 0.65
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 11
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 76.61 ± 0.02
Pu-241/Pu : 1.164 ± 0.002
Am-241/Pu : 2.643 ± 0.003
Crystal diameter (cm) : 1.6
Crystal thickness (cm) : 1.0
Live/real counting times (s) : 1200/1448
Energy last channel (keV) : 614

File name : P-I-2
Sample : I - 1484
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.121 ± 0.001
Pu-240/Pu : 21.40 ± 0.01
Pu-242/Pu : 0.700 ± 0.008
Detector : HPGe planar
FWHM at 208 keV (keV) : 0.65
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 11
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 76.61 ± 0.02
Pu-241/Pu : 1.164 ± 0.002
Am-241/Pu : 2.643 ± 0.003
Crystal diameter (cm) : 1.6
Crystal thickness (cm) : 1.0
Live/real counting times (s) : 1200/1448
Energy last channel (keV) : 614

File name : P-I-3
Sample : I - 1484
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.121 ± 0.001
Pu-240/Pu : 21.40 ± 0.01
Pu-242/Pu : 0.700 ± 0.008
Detector : HPGe planar
FWHM at 208 keV (keV) : 0.65
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 11
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 76.61 ± 0.02
Pu-241/Pu : 1.164 ± 0.002
Am-241/Pu : 2.643 ± 0.003
Crystal diameter (cm) : 1.6
Crystal thickness (cm) : 1.0
Live/real counting times (s) : 1200/1448
Energy last channel (keV) : 614

File name : P-J-1
Sample : J - 1484
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.869 ± 0.003
Pu-240/Pu : 24.490 ± 0.005
Pu-242/Pu : 3.521 ± 0.003
Detector : HPGe planar
FWHM at 208 keV (keV) : 0.65
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 11
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 68.09 ± 0.01
Pu-241/Pu : 3.027 ± 0.003
Am-241/Pu : 6.10 ± 0.10
Crystal diameter (cm) : 1.6
Crystal thickness (cm) : 1.0
Live/real counting times (s) : 1200/1483
Energy last channel (keV) : 614

File name : P-J-2
Sample : J - 1484
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.869 ± 0.003
Pu-240/Pu : 24.490 ± 0.005
Pu-242/Pu : 3.521 ± 0.003
Detector : HPGe planar
FWHM at 208 keV (keV) : 0.66
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 11
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 68.09 ± 0.01
Pu-241/Pu : 3.027 ± 0.003
Am-241/Pu : 6.10 ± 0.10
Crystal diameter (cm) : 1.6
Crystal thickness (cm) : 1.0
Live/real counting times (s) : 1200/1483
Energy last channel (keV) : 614

File name : P-J-3
Sample : J - 1484
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.869 ± 0.003
Pu-240/Pu : 24.490 ± 0.005
Pu-242/Pu : 3.521 ± 0.003
Detector : HPGe planar
FWHM at 208 keV (keV) : 0.65
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 11
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 68.09 ± 0.01
Pu-241/Pu : 3.027 ± 0.003
Am-241/Pu : 6.10 ± 0.10
Crystal diameter (cm) : 1.6
Crystal thickness (cm) : 1.0
Live/real counting times (s) : 1200/1483
Energy last channel (keV) : 614

File name : P-K-1
Sample : K - 1484
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 1.180 ± 0.007
Pu-240/Pu : 26.46 ± 0.001
Pu-242/Pu : 4.617 ± 0.005
Detector : HPGe planar
FWHM at 208 keV (keV) : 0.65
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 12
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 64.15 ± 0.02
Pu-241/Pu : 3.753 ± 0.004
Am-241/Pu : 6.50 ± 0.10
Crystal diameter (cm) : 1.6
Crystal thickness (cm) : 1.0
Live/real counting times (s) : 1200/1529
Energy last channel (keV) : 614

File name : P-K-2
Sample : K - 1484
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 1.180 ± 0.007
Pu-240/Pu : 26.46 ± 0.001
Pu-242/Pu : 4.617 ± 0.005
Detector : HPGe planar
FWHM at 208 keV (keV) : 0.65
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 12
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 64.15 ± 0.02
Pu-241/Pu : 3.753 ± 0.004
Am-241/Pu : 6.50 ± 0.10
Crystal diameter (cm) : 1.6
Crystal thickness (cm) : 1.0
Live/real counting times (s) : 1200/1529
Energy last channel (keV) : 614

File name : P-K-3
Sample : K - 1484
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 1.180 ± 0.007
Pu-240/Pu : 26.46 ± 0.001
Pu-242/Pu : 4.617 ± 0.005
Detector : HPGe planar
FWHM at 208 keV (keV) : 0.65
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 12
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 64.15 ± 0.02
Pu-241/Pu : 3.753 ± 0.004
Am-241/Pu : 6.50 ± 0.10
Crystal diameter (cm) : 1.6
Crystal thickness (cm) : 1.0
Live/real counting times (s) : 1200/1529
Energy last channel (keV) : 614

File name : P-L-1
Sample : L - 1991
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.010 ± 0.001
Pu-240/Pu : 1.630 ± 0.005
Pu-242/Pu : 0.023 ± 0.001
Detector : HPGe planar
FWHM at 208 keV (keV) : 0.68
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 11
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 98.30 ± 0.15
Pu-241/Pu : 0.048 ± 0.001
Am-241/Pu : 1.21 ± 0.02
Crystal diameter (cm) : 1.6
Crystal thickness (cm) : 1.0
Live/real counting times (s) : 1200/1433
Energy last channel (keV) : 614

File name : P-L-2
Sample : L - 1991
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.010 ± 0.001
Pu-240/Pu : 1.630 ± 0.005
Pu-242/Pu : 0.023 ± 0.001
Detector : HPGe planar
FWHM at 208 keV (keV) : 0.66
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 11
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 98.30 ± 0.15
Pu-241/Pu : 0.048 ± 0.001
Am-241/Pu : 1.21 ± 0.02
Crystal diameter (cm) : 1.6
Crystal thickness (cm) : 1.0
Live/real counting times (s) : 1200/1434
Energy last channel (keV) : 614

File name : P-L-3
Sample : L - 1991
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.010 ± 0.001
Pu-240/Pu : 1.630 ± 0.005
Pu-242/Pu : 0.023 ± 0.001
Detector : HPGe planar
FWHM at 208 keV (keV) : 0.65
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 11
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 98.30 ± 0.15
Pu-241/Pu : 0.048 ± 0.001
Am-241/Pu : 1.21 ± 0.02
Crystal diameter (cm) : 1.6
Crystal thickness (cm) : 1.0
Live/real counting times (s) : 1200/1434
Energy last channel (keV) : 614

File name : P-M-1
Sample : M - 1406
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0109 ± 0.0001
Pu-240/Pu : 6.292 ± 0.001
Pu-242/Pu : 0.0385 ± 0.0002
Detector : HPGe planar
FWHM at 208 keV (keV) : 0.67
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 12
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 93.54 ± 0.01
Pu-241/Pu : 0.1149 ± 0.0003
Am-241/Pu : 0.2013 ± 0.0038
Crystal diameter (cm) : 1.6
Crystal thickness (cm) : 1.0
Live/real counting times(s) : 1200/1490
Energy last channel (keV) : 614

File name : P-M-2
Sample : M - 1406
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0109 ± 0.0001
Pu-240/Pu : 6.292 ± 0.001
Pu-242/Pu : 0.0385 ± 0.0002
Detector : HPGe planar
FWHM at 208 keV (keV) : 0.67
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 12
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 93.54 ± 0.01
Pu-241/Pu : 0.1149 ± 0.0003
Am-241/Pu : 0.2013 ± 0.0038
Crystal diameter (cm) : 1.6
Crystal thickness (cm) : 1.0
Live/real counting times (s) : 1200/1490
Energy last channel (keV) : 614

File name : P-M-3
Sample : M - 1406
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0109 ± 0.0001
Pu-240/Pu : 6.292 ± 0.001
Pu-242/Pu : 0.0385 ± 0.0002
Detector : HPGe planar
FWHM at 208 keV (keV) : 0.67
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 12
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 93.54 ± 0.01
Pu-241/Pu : 0.1149 ± 0.0003
Am-241/Pu : 0.2013 ± 0.0038
Crystal diameter (cm) : 1.6
Crystal thickness (cm) : 1.0
Live/real counting times (s) : 1200/1490
Energy last channel (keV) : 614

File name : P-N-1
Sample : N - 1413
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 1.303 ± 0.002
Pu-240/Pu : 24.021 ± 0.006
Pu-242/Pu : 4.642 ± 0.004
Detector : HPGe planar
FWHM at 208 keV (keV) : 0.65
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 12
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 64.993 ± 0.006
Pu-241/Pu : 5.041 ± 0.003
Am-241/Pu : 4.95 ± 0.03
Crystal diameter (cm) : 1.6
Crystal thickness (cm) : 1.0
Live/real counting times(s) : 1200/1527
Energy last channel (keV) : 614

File name : P-N-2
Sample : N - 1413
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 1.303 ± 0.002
Pu-240/Pu : 24.021 ± 0.006
Pu-242/Pu : 4.642 ± 0.004
Detector : HPGe planar
FWHM at 208 keV (keV) : 0.65
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 12
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 64.993 ± 0.006
Pu-241/Pu : 5.041 ± 0.003
Am-241/Pu : 4.95 ± 0.03
Crystal diameter (cm) : 1.6
Crystal thickness (cm) : 1.0
Live/real counting times (s) : 1200/1527
Energy last channel (keV) : 614

File name : P-N-3
Sample : N - 1413
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 1.303 ± 0.002
Pu-240/Pu : 24.021 ± 0.006
Pu-242/Pu : 4.642 ± 0.004
Detector : HPGe planar
FWHM at 208 keV (keV) : 0.65
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 12
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 64.993 ± 0.006
Pu-241/Pu : 5.041 ± 0.003
Am-241/Pu : 4.95 ± 0.03
Crystal diameter (cm) : 1.6
Crystal thickness (cm) : 1.0
Live/real counting times (s) : 1200/1527
Energy last channel (keV) : 614

File name : P-O-1
Sample : O - 1070
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.00630 ± 0.00005
Pu-240/Pu : 4.5010 ± 0.0026
Pu-242/Pu : 0.0073 ± 0.0002
Detector : HPGe planar
FWHM at 208 keV (keV) : 0.65
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 12
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 95.42 ± 0.02
Pu-241/Pu : 0.0604 ± 0.0003
Am-241/Pu : 0.1615 ± 0.0068
Crystal diameter (cm) : 1.6
Crystal thickness (cm) : 1.0
Live/real counting times(s) : 1200/1438
Energy last channel (keV) : 614

File name : P-O-2
Sample : O - 1070
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.00630 ± 0.00005
Pu-240/Pu : 4.5010 ± 0.0026
Pu-242/Pu : 0.0073 ± 0.0002
Detector : HPGe planar
FWHM at 208 keV (keV) : 0.65
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 12
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 95.42 ± 0.02
Pu-241/Pu : 0.0604 ± 0.0003
Am-241/Pu : 0.1615 ± 0.0068
Crystal diameter (cm) : 1.6
Crystal thickness (cm) : 1.0
Live/real counting times (s) : 1200/1438
Energy last channel (keV) : 614

File name : P-O-3
Sample : O - 1070
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.00630 ± 0.00005
Pu-240/Pu : 4.5010 ± 0.0026
Pu-242/Pu : 0.0073 ± 0.0002
Detector : HPGe planar
FWHM at 208 keV (keV) : 0.65
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 12
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 95.42 ± 0.02
Pu-241/Pu : 0.0604 ± 0.0003
Am-241/Pu : 0.1615 ± 0.0068
Crystal diameter (cm) : 1.6
Crystal thickness (cm) : 1.0
Live/real counting times (s) : 1200/1439
Energy last channel (keV) : 614

File name : P-P-1
Sample : P - 2211
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 1.110 ± 0.005
Pu-240/Pu : 26.240 ± 0.005
Pu-242/Pu : 4.34 ± 0.01
Detector : HPGe planar
FWHM at 208 keV (keV) : 0.64
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 10
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 64.72 ± 0.01
Pu-241/Pu : 3.590 ± 0.0005
Am-241/Pu : 1.38 ± 0.01
Crystal diameter (cm) : 1.6
Crystal thickness (cm) : 1.0
Live/real counting times (s) : 3600/3638
Energy last channel (keV) : 614

File name : P-P-2
Sample : P - 2211
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 1.110 ± 0.005
Pu-240/Pu : 26.240 ± 0.005
Pu-242/Pu : 4.34 ± 0.01
Detector : HPGe planar
FWHM at 208 keV (keV) : 0.65
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 10
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 64.72 ± 0.01
Pu-241/Pu : 3.590 ± 0.0005
Am-241/Pu : 1.38 ± 0.01
Crystal diameter (cm) : 1.6
Crystal thickness (cm) : 1.0
Live/real counting times (s) : 3600/3638
Energy last channel (keV) : 614

File name : P-P-3
Sample : P - 2211
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 1.110 ± 0.005
Pu-240/Pu : 26.240 ± 0.005
Pu-242/Pu : 4.34 ± 0.01
Detector : HPGe planar
FWHM at 208 keV (keV) : 0.64
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 10
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 64.72 ± 0.01
Pu-241/Pu : 3.590 ± 0.0005
Am-241/Pu : 1.38 ± 0.01
Crystal diameter (cm) : 1.6
Crystal thickness (cm) : 1.0
Live/real counting times (s) : 3600/3638
Energy last channel (keV) : 614

File name : P-Q-1
Sample : Q - 2211
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 1.110 ± 0.005
Pu-240/Pu : 26.240 ± 0.005
Pu-242/Pu : 4.34 ± 0.01
Detector : HPGe planar
FWHM at 208 keV (keV) : 0.65
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 9
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 64.72 ± 0.01
Pu-241/Pu : 3.590 ± 0.0005
Am-241/Pu : 1.38 ± 0.01
Crystal diameter (cm) : 1.6
Crystal thickness (cm) : 1.0
Live/real counting times (s) : 3600/3642
Energy last channel (keV) : 614

File name : P-Q-2
Sample : Q - 2211
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 1.110 ± 0.005
Pu-240/Pu : 26.240 ± 0.005
Pu-242/Pu : 4.34 ± 0.01
Detector : HPGe planar
FWHM at 208 keV (keV) : 0.63
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 9
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 64.72 ± 0.01
Pu-241/Pu : 3.590 ± 0.0005
Am-241/Pu : 1.38 ± 0.01
Crystal diameter (cm) : 1.6
Crystal thickness (cm) : 1.0
Live/real counting times (s) : 3600/3642
Energy last channel (keV) : 614

File name : P-Q-3
Sample : Q - 2211
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 1.110 ± 0.005
Pu-240/Pu : 26.240 ± 0.005
Pu-242/Pu : 4.34 ± 0.01
Detector : HPGe planar
FWHM at 208 keV (keV) : 0.64
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 9
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 64.72 ± 0.01
Pu-241/Pu : 3.590 ± 0.0005
Am-241/Pu : 1.38 ± 0.01
Crystal diameter (cm) : 1.6
Crystal thickness (cm) : 1.0
Live/real counting times (s) : 3600/3642
Energy last channel (keV) : 614

File name : P-R-1
Sample : R - 716
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0
Pu-240/Pu : $0.021 \pm -$
Pu-242/Pu : 0
Detector : HPGe planar
FWHM at 208 keV (keV) : 0.65
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 9
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 99.979 ± 0.005
Pu-241/Pu : $0.0001 \pm -$
Am-241/Pu : $0.0003 \pm -$
Crystal diameter (cm) : 1.6
Crystal thickness (cm) : 1.0
Live/real counting times (s) : 3600/3642
Energy last channel (keV) : 614

File name : P-R-2
Sample : R - 716
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0
Pu-240/Pu : $0.021 \pm -$
Pu-242/Pu : 0
Detector : HPGe planar
FWHM at 208 keV (keV) : 0.63
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 9
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 99.979 ± 0.005
Pu-241/Pu : $0.0001 \pm -$
Am-241/Pu : $0.0003 \pm -$
Crystal diameter (cm) : 1.6
Crystal thickness (cm) : 1.0
Live/real counting times (s) : 3600/3642
Energy last channel (keV) : 614

File name : P-R-3
Sample : R - 716
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0
Pu-240/Pu : $0.021 \pm -$
Pu-242/Pu : 0
Detector : HPGe planar
FWHM at 208 keV (keV) : 0.64
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 9
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 99.979 ± 0.005
Pu-241/Pu : $0.0001 \pm -$
Am-241/Pu : $0.0003 \pm -$
Crystal diameter (cm) : 1.6
Crystal thickness (cm) : 1.0
Live/real counting times (s) : 3600/3642
Energy last channel (keV) : 614

File name : P-S-1
Sample : S - 1269
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.012 -
Pu-240/Pu : 99.940 ± 0.005
Pu-242/Pu : 0.029 -
Detector : HPGe planar
FWHM at 208 keV (keV) : 0.65
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 13
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 0.023 -
Pu-241/Pu : 0.001 -
Am-241/Pu : 0.002 -
Crystal diameter (cm) : 1.6
Crystal thickness (cm) : 1.0
Live/real counting times (s) : 1200/1295
Energy last channel (keV) : 614

File name : P-S-2
Sample : S - 1269
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.012 -
Pu-240/Pu : 99.940 ± 0.005
Pu-242/Pu : 0.029 -
Detector : HPGe planar
FWHM at 208 keV (keV) : 0.65
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 13
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 0.023 -
Pu-241/Pu : 0.001 -
Am-241/Pu : 0.002 -0068
Crystal diameter (cm) : 1.6
Crystal thickness (cm) : 1.0
Live/real counting times (s) : 1200/1295
Energy last channel (keV) : 614

File name : P-S-3
Sample : S - 1269
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.012 -
Pu-240/Pu : 99.940 ± 0.005
Pu-242/Pu : 0.029 -
Detector : HPGe planar
FWHM at 208 keV (keV) : 0.65
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 13
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 0.023 -
Pu-241/Pu : 0.001 -
Am-241/Pu : 0.002 -
Crystal diameter (cm) : 1.6
Crystal thickness (cm) : 1.0
Live/real counting times (s) : 1200/1295
Energy last channel (keV) : 614

File name : P-R93-1
Sample : CBNM - 93
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0105 ± 0.0001
Pu-240/Pu : 6.3138 ± 0.0020
Pu-242/Pu : 0.0396 ± 0.0002
Detector : HPGe planar
FWHM at 208 keV (keV) : 0.67
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 9
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 93.5201 ± 0.0044
Pu-241/Pu : 0.1161 ± 0.0001
Am-241/Pu : 0.2091 ± 0.0021
Crystal diameter (cm) : 1.6
Crystal thickness (cm) : 1.0
Live/real counting times(s) : 1200/1519
Energy last channel (keV) : 614

File name : P-R93-2
Sample : CBNM - 93
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0105 ± 0.0001
Pu-240/Pu : 6.3138 ± 0.0020
Pu-242/Pu : 0.0396 ± 0.0002
Detector : HPGe planar
FWHM at 208 keV (keV) : 0.68
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 9
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 93.5201 ± 0.0044
Pu-241/Pu : 0.1161 ± 0.0001
Am-241/Pu : 0.2091 ± 0.0021
Crystal diameter (cm) : 1.6
Crystal thickness (cm) : 1.0
Live/real counting times (s) : 1200/1519
Energy last channel (keV) : 614

File name : P-R93-3
Sample : CBNM - 93
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0105 ± 0.0001
Pu-240/Pu : 6.3138 ± 0.0020
Pu-242/Pu : 0.0396 ± 0.0002
Detector : HPGe planar
FWHM at 208 keV (keV) : 0.69
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 9
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 93.5201 ± 0.0044
Pu-241/Pu : 0.1161 ± 0.0001
Am-241/Pu : 0.2091 ± 0.0021
Crystal diameter (cm) : 1.6
Crystal thickness (cm) : 1.0
Live/real counting times (s) : 1200/1519
Energy last channel (keV) : 614

File name : P-R84-1
Sample : CBNM - 84
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0635 ± 0.0003
Pu-240/Pu : 14.2657 ± 0.0043
Pu-242/Pu : 0.3596 ± 0.0005
Detector : HPGe planar
FWHM at 208 keV (keV) : 0.66
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 9
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 84.7755 ± 0.0058
Pu-241/Pu : 0.5357 ± 0.0005
Am-241/Pu : 0.7054 ± 0.0036
Crystal diameter (cm) : 1.6
Crystal thickness (cm) : 1.0
Live/real counting times(s) : 1200/1425
Energy last channel (keV) : 614

File name : P-R84-2
Sample : CBNM - 84
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0635 ± 0.0003
Pu-240/Pu : 14.2657 ± 0.0043
Pu-242/Pu : 0.3596 ± 0.0005
Detector : HPGe planar
FWHM at 208 keV (keV) : 0.66
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 9
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 84.7755 ± 0.0058
Pu-241/Pu : 0.5357 ± 0.0005
Am-241/Pu : 0.7054 ± 0.0036
Crystal diameter (cm) : 1.6
Crystal thickness (cm) : 1.0
Live/real counting times (s) : 1200/1424
Energy last channel (keV) : 614

File name : P-R84-3
Sample : CBNM - 84
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0635 ± 0.0003
Pu-240/Pu : 14.2657 ± 0.0043
Pu-242/Pu : 0.3596 ± 0.0005
Detector : HPGe planar
FWHM at 208 keV (keV) : 0.66
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 9
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 84.7755 ± 0.0058
Pu-241/Pu : 0.5357 ± 0.0005
Am-241/Pu : 0.7054 ± 0.0036
Crystal diameter (cm) : 1.6
Crystal thickness (cm) : 1.0
Live/real counting times (s) : 1200/1425
Energy last channel (keV) : 614

File name : P-R70-1
Sample : CBNM - 70
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.7816 ± 0.0009
Pu-240/Pu : 18.7890 ± 0.0045
Pu-242/Pu : 2.1364 ± 0.0012
Detector : HPGe planar
FWHM at 208 keV (keV) : 0.65
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 10
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 75.3797 ± 0.0052
Pu-241/Pu : 2.9133 ± 0.0010
Am-241/Pu : 3.852 ± 0.019
Crystal diameter (cm) : 1.6
Crystal thickness (cm) : 1.0
Live/real counting times (s) : 1200/1422
Energy last channel (keV) : 614

File name : P-R70-2
Sample : CBNM - 70
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.7816 ± 0.0009
Pu-240/Pu : 18.7890 ± 0.0045
Pu-242/Pu : 2.1364 ± 0.0012
Detector : HPGe planar
FWHM at 208 keV (keV) : 0.65
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 10
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 75.3797 ± 0.0052
Pu-241/Pu : 2.9133 ± 0.0010
Am-241/Pu : 3.852 ± 0.019
Crystal diameter (cm) : 1.6
Crystal thickness (cm) : 1.0
Live/real counting times (s) : 1200/1422
Energy last channel (keV) : 614

File name : P-R70-3
Sample : CBNM - 70
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.7816 ± 0.0009
Pu-240/Pu : 18.7890 ± 0.0045
Pu-242/Pu : 2.1364 ± 0.0012
Detector : HPGe planar
FWHM at 208 keV (keV) : 0.65
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 10
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 75.3797 ± 0.0052
Pu-241/Pu : 2.9133 ± 0.0010
Am-241/Pu : 3.852 ± 0.019
Crystal diameter (cm) : 1.6
Crystal thickness (cm) : 1.0
Live/real counting times (s) : 1200/1422
Energy last channel (keV) : 614

File name : P-R61-1
Sample : CBNM - 61
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 1.1133 ± 0.0012
Pu-240/Pu : 26.262 ± 0.012
Pu-242/Pu : 4.3399 ± 0.0033
Detector : HPGe planar
FWHM at 208 keV (keV) : 0.65
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 10
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 64.700 ± 0.015
Pu-241/Pu : 3.5848 ± 0.0024
Am-241/Pu : 4.754 ± 0.024
Crystal diameter (cm) : 1.6
Crystal thickness (cm) : 1.0
Live/real counting times(s) : 1200/1448
Energy last channel (keV) : 614

File name : P-R61-2
Sample : CBNM - 61
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 1.1133 ± 0.0012
Pu-240/Pu : 26.262 ± 0.012
Pu-242/Pu : 4.3399 ± 0.0033
Detector : HPGe planar
FWHM at 208 keV (keV) : 0.65
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 10
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 64.700 ± 0.015
Pu-241/Pu : 3.5848 ± 0.0024
Am-241/Pu : 4.754 ± 0.024
Crystal diameter (cm) : 1.6
Crystal thickness (cm) : 1.0
Live/real counting times (s) : 1200/1448
Energy last channel (keV) : 614

File name : P-R61-3
Sample : CBNM - 61
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 1.1133 ± 0.0012
Pu-240/Pu : 26.262 ± 0.012
Pu-242/Pu : 4.3399 ± 0.0033
Detector : HPGe planar
FWHM at 208 keV (keV) : 0.65
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 10
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 64.700 ± 0.015
Pu-241/Pu : 3.5848 ± 0.0024
Am-241/Pu : 4.754 ± 0.024
Crystal diameter (cm) : 1.6
Crystal thickness (cm) : 1.0
Live/real counting times (s) : 1200/1448
Energy last channel (keV) : 614

Reference spectra obtained from a HPGe detector for safeguards

File name : S-backg
Sample : Background
Detector : HPGe semi-planar
FWHM at 208 keV (keV) : 0.67
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 9
Origin : IRMM, Pu-2000 exercise
Crystal diameter (cm) : 2.0
Crystal thickness (cm) : 1.0
Live/real counting times (s) : 3600/3602
Energy last channel (keV) : 614

File name : S-A-1
Sample : A - 460
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.117 ± 0.005
Pu-240/Pu : 18.99 ± 0.06
Pu-242/Pu : 0.664 ± 0.009
Detector : HPGe semi-planar
FWHM at 208 keV (keV) : 0.74
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 9
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 79.49 ± 0.08
Pu-241/Pu : 0.741 ± 0.006
Am-241/Pu : 1.689 ± 0.020
Crystal diameter (cm) : 5.0
Crystal thickness (cm) : 3.0
Live/real counting times (s) : 1200/1528
Energy last channel (keV) : 614

File name : S-A-2
Sample : A - 460
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.117 ± 0.005
Pu-240/Pu : 18.99 ± 0.06
Pu-242/Pu : 0.664 ± 0.009
Detector : HPGe semi-planar
FWHM at 208 keV (keV) : 0.75
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 9
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 79.49 ± 0.08
Pu-241/Pu : 0.741 ± 0.006
Am-241/Pu : 1.689 ± 0.020
Crystal diameter (cm) : 5.0
Crystal thickness (cm) : 3.0
Live/real counting times (s) : 1200/1528
Energy last channel (keV) : 614

File name : S-A-3
Sample : A - 460
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.117 ± 0.005
Pu-240/Pu : 18.99 ± 0.06
Pu-242/Pu : 0.664 ± 0.009
Detector : HPGe semi-planar
FWHM at 208 keV (keV) : 0.74
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 9
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 79.49 ± 0.08
Pu-241/Pu : 0.741 ± 0.006
Am-241/Pu : 1.689 ± 0.020
Crystal diameter (cm) : 5.0
Crystal thickness (cm) : 3.0
Live/real counting times (s) : 1200/1528
Energy last channel (keV) : 614

File name : S-B-1
Sample : B - 845
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 1.44 ± 0.01
Pu-240/Pu : 26.90 ± 0.07
Pu-242/Pu : 6.06 ± 0.02
Detector : HPGe semi-planar
FWHM at 208 keV (keV) : 0.73
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 10
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 61.30 ± 0.09
Pu-241/Pu : 4.39 ± 0.02
Am-241/Pu : 8.25 ± 0.21
Crystal diameter (cm) : 5.0
Crystal thickness (cm) : 3.0
Live/real counting times (s) : 1200/1495
Energy last channel (keV) : 614

File name : S-B-2
Sample : B - 845
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 1.44 ± 0.01
Pu-240/Pu : 26.90 ± 0.07
Pu-242/Pu : 6.06 ± 0.02
Detector : HPGe semi-planar
FWHM at 208 keV (keV) : 0.74
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 10
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 61.30 ± 0.09
Pu-241/Pu : 4.39 ± 0.02
Am-241/Pu : 8.25 ± 0.21
Crystal diameter (cm) : 5.0
Crystal thickness (cm) : 3.0
Live/real counting times (s) : 1200/1495
Energy last channel (keV) : 614

File name : S-B-3
Sample : B - 845
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 1.44 ± 0.01
Pu-240/Pu : 26.90 ± 0.07
Pu-242/Pu : 6.06 ± 0.02
Detector : HPGe semi-planar
FWHM at 208 keV (keV) : 0.74
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 10
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 61.30 ± 0.09
Pu-241/Pu : 4.39 ± 0.02
Am-241/Pu : 8.25 ± 0.21
Crystal diameter (cm) : 5.0
Crystal thickness (cm) : 3.0
Live/real counting times (s) : 1200/1495
Energy last channel (keV) : 614

File name : S-C-1
Sample : C - 1439A
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0105 ± 0.0001
Pu-240/Pu : 6.314 ± 0.002
Pu-242/Pu : 0.0396 ± 0.0002
Detector : HPGe semi-planar
FWHM at 208 keV (keV) : 0.74
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 11
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 93.520 ± 0.004
Pu-241/Pu : 0.1161 ± 0.0001
Am-241/Pu : 1.19 ± 0.01
Crystal diameter (cm) : 5.0
Crystal thickness (cm) : 3.0
Live/real counting times (s) : 1200/1496
Energy last channel (keV) : 614

File name : S-C-2
Sample : C - 1439A
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0105 ± 0.0001
Pu-240/Pu : 6.314 ± 0.002
Pu-242/Pu : 0.0396 ± 0.0002
Detector : HPGe semi-planar
FWHM at 208 keV (keV) : 0.74
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 11
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 93.520 ± 0.004
Pu-241/Pu : 0.1161 ± 0.0001
Am-241/Pu : 1.19 ± 0.01
Crystal diameter (cm) : 5.0
Crystal thickness (cm) : 3.0
Live/real counting times (s) : 1200/1497
Energy last channel (keV) : 614

File name : S-C-3
Sample : C - 1439A
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0105 ± 0.0001
Pu-240/Pu : 6.314 ± 0.002
Pu-242/Pu : 0.0396 ± 0.0002
Detector : HPGe semi-planar
FWHM at 208 keV (keV) : 0.73
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 11
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 93.520 ± 0.004
Pu-241/Pu : 0.1161 ± 0.0001
Am-241/Pu : 1.19 ± 0.01
Crystal diameter (cm) : 5.0
Crystal thickness (cm) : 3.0
Live/real counting times (s) : 1200/1497
Energy last channel (keV) : 614

File name : S-D-1
Sample : D - 1439A
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0105 ± 0.0001
Pu-240/Pu : 6.314 ± 0.002
Pu-242/Pu : 0.0396 ± 0.0002
Detector : HPGe semi-planar
FWHM at 208 keV (keV) : 0.73
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 11
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 93.520 ± 0.004
Pu-241/Pu : 0.1161 ± 0.0001
Am-241/Pu : 1.17 ± 0.01
Crystal diameter (cm) : 5.0
Crystal thickness (cm) : 3.0
Live/real counting times (s) : 1200/1480
Energy last channel (keV) : 614

File name : S-D-2
Sample : D - 1439A
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0105 ± 0.0001
Pu-240/Pu : 6.314 ± 0.002
Pu-242/Pu : 0.0396 ± 0.0002
Detector : HPGe semi-planar
FWHM at 208 keV (keV) : 0.75
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 11
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 93.520 ± 0.004
Pu-241/Pu : 0.1161 ± 0.0001
Am-241/Pu : 1.17 ± 0.01
Crystal diameter (cm) : 5.0
Crystal thickness (cm) : 3.0
Live/real counting times (s) : 1200/1480
Energy last channel (keV) : 614

File name : S-D-3
Sample : D - 1439A
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0105 ± 0.0001
Pu-240/Pu : 6.314 ± 0.002
Pu-242/Pu : 0.0396 ± 0.0002
Detector : HPGe semi-planar
FWHM at 208 keV (keV) : 0.72
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 11
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 93.520 ± 0.004
Pu-241/Pu : 0.1161 ± 0.0001
Am-241/Pu : 1.17 ± 0.01
Crystal diameter (cm) : 5.0
Crystal thickness (cm) : 3.0
Live/real counting times (s) : 1200/1480
Energy last channel (keV) : 614

File name : S-E-1
Sample : E - 1484
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0100 ± 0.0002
Pu-240/Pu : 5.989 ± 0.003
Pu-242/Pu : 0.0340 ± 0.0008
Detector : HPGe semi-planar
FWHM at 208 keV (keV) : 0.73
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 10
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 93.85 ± 0.03
Pu-241/Pu : 0.1120 ± 0.0008
Am-241/Pu : 0.310 ± 0.002
Crystal diameter (cm) : 5.0
Crystal thickness (cm) : 3.0
Live/real counting times (s) : 1200/1403
Energy last channel (keV) : 614

File name : S-E-2
Sample : E - 1484
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0100 ± 0.0002
Pu-240/Pu : 5.989 ± 0.003
Pu-242/Pu : 0.0340 ± 0.0008
Detector : HPGe semi-planar
FWHM at 208 keV (keV) : 0.72
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 10
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 93.85 ± 0.03
Pu-241/Pu : 0.1120 ± 0.0008
Am-241/Pu : 0.310 ± 0.002
Crystal diameter (cm) : 5.0
Crystal thickness (cm) : 3.0
Live/real counting times (s) : 1200/1403
Energy last channel (keV) : 614

File name : S-E-3
Sample : E - 1484
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0100 ± 0.0002
Pu-240/Pu : 5.989 ± 0.003
Pu-242/Pu : 0.0340 ± 0.0008
Detector : HPGe semi-planar
FWHM at 208 keV (keV) : 0.72
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 10
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 93.85 ± 0.03
Pu-241/Pu : 0.1120 ± 0.0008
Am-241/Pu : 0.310 ± 0.002
Crystal diameter (cm) : 5.0
Crystal thickness (cm) : 3.0
Live/real counting times (s) : 1200/1403
Energy last channel (keV) : 614

File name : S-F-1
Sample : F - 1484
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0206 ± 0.0003
Pu-240/Pu : 10.111 ± 0.004
Pu-242/Pu : 0.094 ± 0.001
Detector : HPGe semi-planar
FWHM at 208 keV (keV) : 0.73
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 10
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 89.53 ± 0.02
Pu-241/Pu : 0.250 ± 0.001
Am-241/Pu : 0.456 ± 0.003
Crystal diameter (cm) : 5.0
Crystal thickness (cm) : 3.0
Live/real counting times (s) : 1200/1448
Energy last channel (keV) : 614

File name : S-F-2
Sample : F - 1484
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0206 ± 0.0003
Pu-240/Pu : 10.111 ± 0.004
Pu-242/Pu : 0.094 ± 0.001
Detector : HPGe semi-planar
FWHM at 208 keV (keV) : 0.73
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 10
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 89.53 ± 0.02
Pu-241/Pu : 0.250 ± 0.001
Am-241/Pu : 0.456 ± 0.003
Crystal diameter (cm) : 5.0
Crystal thickness (cm) : 3.0
Live/real counting times (s) : 1200/1448
Energy last channel (keV) : 614

File name : S-F-3
Sample : F - 1484
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0206 ± 0.0003
Pu-240/Pu : 10.111 ± 0.004
Pu-242/Pu : 0.094 ± 0.001
Detector : HPGe semi-planar
FWHM at 208 keV (keV) : 0.74
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 10
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 89.53 ± 0.02
Pu-241/Pu : 0.250 ± 0.001
Am-241/Pu : 0.456 ± 0.003
Crystal diameter (cm) : 5.0
Crystal thickness (cm) : 3.0
Live/real counting times (s) : 1200/1448
Energy last channel (keV) : 614

File name : S-G-1
Sample : G - 1484
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0431 ± 0.0001
Pu-240/Pu : 14.196 ± 0.004
Pu-242/Pu : 0.235 ± 0.004
Detector : HPGe semi-planar
FWHM at 208 keV (keV) : 0.74
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 10
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 84.97 ± 0.02
Pu-241/Pu : 0.559 ± 0.002
Am-241/Pu : 1.06 ± 0.001
Crystal diameter (cm) : 5.0
Crystal thickness (cm) : 3.0
Live/real counting times (s) : 1200/1486
Energy last channel (keV) : 614

File name : S-G-2
Sample : G - 1484
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0431 ± 0.0001
Pu-240/Pu : 14.196 ± 0.004
Pu-242/Pu : 0.235 ± 0.004
Detector : HPGe semi-planar
FWHM at 208 keV (keV) : 0.74
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 10
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 84.97 ± 0.02
Pu-241/Pu : 0.559 ± 0.002
Am-241/Pu : 1.06 ± 0.001
Crystal diameter (cm) : 5.0
Crystal thickness (cm) : 3.0
Live/real counting times (s) : 1200/1487
Energy last channel (keV) : 614

File name : S-G-3
Sample : G - 1484
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0431 ± 0.0001
Pu-240/Pu : 14.196 ± 0.004
Pu-242/Pu : 0.235 ± 0.004
Detector : HPGe semi-planar
FWHM at 208 keV (keV) : 0.75
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 10
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 84.97 ± 0.02
Pu-241/Pu : 0.559 ± 0.002
Am-241/Pu : 1.06 ± 0.001
Crystal diameter (cm) : 5.0
Crystal thickness (cm) : 3.0
Live/real counting times (s) : 1200/1487
Energy last channel (keV) : 614

File name : S-H-1
Sample : H - 1484
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.100 ± 0.001
Pu-240/Pu : 19.917 ± 0.004
Pu-242/Pu : 0.568 ± 0.002
Detector : HPGe semi-planar
FWHM at 208 keV (keV) : 0.74
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 11
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 78.39 ± 0.01
Pu-241/Pu : 1.036 ± 0.002
Am-241/Pu : 2.37 ± 0.02
Crystal diameter (cm) : 5.0
Crystal thickness (cm) : 3.0
Live/real counting times (s) : 1200/1477
Energy last channel (keV) : 614

File name : S-H-2
Sample : H - 1484
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.100 ± 0.001
Pu-240/Pu : 19.917 ± 0.004
Pu-242/Pu : 0.568 ± 0.002
Detector : HPGe semi-planar
FWHM at 208 keV (keV) : 0.74
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 11
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 78.39 ± 0.01
Pu-241/Pu : 1.036 ± 0.002
Am-241/Pu : 2.37 ± 0.02
Crystal diameter (cm) : 5.0
Crystal thickness (cm) : 3.0
Live/real counting times (s) : 1200/1477
Energy last channel (keV) : 614

File name : S-H-3
Sample : H - 1484
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.100 ± 0.001
Pu-240/Pu : 19.917 ± 0.004
Pu-242/Pu : 0.568 ± 0.002
Detector : HPGe semi-planar
FWHM at 208 keV (keV) : 0.74
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 11
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 78.39 ± 0.01
Pu-241/Pu : 1.036 ± 0.002
Am-241/Pu : 2.37 ± 0.02
Crystal diameter (cm) : 5.0
Crystal thickness (cm) : 3.0
Live/real counting times (s) : 1200/1477
Energy last channel (keV) : 614

File name : S-I-1
Sample : I - 1484
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.121 ± 0.001
Pu-240/Pu : 21.40 ± 0.01
Pu-242/Pu : 0.700 ± 0.008
Detector : HPGe semi-planar
FWHM at 208 keV (keV) : 0.73
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 11
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 76.61 ± 0.02
Pu-241/Pu : 1.164 ± 0.002
Am-241/Pu : 2.643 ± 0.003
Crystal diameter (cm) : 5.0
Crystal thickness (cm) : 3.0
Live/real counting times (s) : 1200/1456
Energy last channel (keV) : 614

File name : S-I-2
Sample : I - 1484
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.121 ± 0.001
Pu-240/Pu : 21.40 ± 0.01
Pu-242/Pu : 0.700 ± 0.008
Detector : HPGe semi-planar
FWHM at 208 keV (keV) : 0.73
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 11
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 76.61 ± 0.02
Pu-241/Pu : 1.164 ± 0.002
Am-241/Pu : 2.643 ± 0.003
Crystal diameter (cm) : 5.0
Crystal thickness (cm) : 3.0
Live/real counting times (s) : 1200/1456
Energy last channel (keV) : 614

File name : S-I-3
Sample : I - 1484
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.121 ± 0.001
Pu-240/Pu : 21.40 ± 0.01
Pu-242/Pu : 0.700 ± 0.008
Detector : HPGe semi-planar
FWHM at 208 keV (keV) : 0.73
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 11
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 76.61 ± 0.02
Pu-241/Pu : 1.164 ± 0.002
Am-241/Pu : 2.643 ± 0.003
Crystal diameter (cm) : 5.0
Crystal thickness (cm) : 3.0
Live/real counting times (s) : 1200/1456
Energy last channel (keV) : 614

File name : S-J-1
Sample : J - 1484
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.869 ± 0.003
Pu-240/Pu : 24.490 ± 0.005
Pu-242/Pu : 3.521 ± 0.003
Detector : HPGe semi-planar
FWHM at 208 keV (keV) : 0.74
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 11
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 68.09 ± 0.01
Pu-241/Pu : 3.027 ± 0.003
Am-241/Pu : 6.10 ± 0.10
Crystal diameter (cm) : 5.0
Crystal thickness (cm) : 3.0
Live/real counting times (s) : 1200/1489
Energy last channel (keV) : 614

File name : S-J-2
Sample : J - 1484
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.869 ± 0.003
Pu-240/Pu : 24.490 ± 0.005
Pu-242/Pu : 3.521 ± 0.003
Detector : HPGe semi-planar
FWHM at 208 keV (keV) : 0.73
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 11
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 68.09 ± 0.01
Pu-241/Pu : 3.027 ± 0.003
Am-241/Pu : 6.10 ± 0.10
Crystal diameter (cm) : 5.0
Crystal thickness (cm) : 3.0
Live/real counting times (s) : 1200/1489
Energy last channel (keV) : 614

File name : S-J-3
Sample : J - 1484
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.869 ± 0.003
Pu-240/Pu : 24.490 ± 0.005
Pu-242/Pu : 3.521 ± 0.003
Detector : HPGe semi-planar
FWHM at 208 keV (keV) : 0.73
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 11
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 68.09 ± 0.01
Pu-241/Pu : 3.027 ± 0.003
Am-241/Pu : 6.10 ± 0.10
Crystal diameter (cm) : 5.0
Crystal thickness (cm) : 3.0
Live/real counting times (s) : 1200/1490
Energy last channel (keV) : 614

File name : S-K-1
Sample : K - 1484
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 1.180 ± 0.007
Pu-240/Pu : 26.46 ± 0.001
Pu-242/Pu : 4.617 ± 0.005
Detector : HPGe semi-planar
FWHM at 208 keV (keV) : 0.74
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 12
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 64.15 ± 0.02
Pu-241/Pu : 3.753 ± 0.004
Am-241/Pu : 6.50 ± 0.10
Crystal diameter (cm) : 5.0
Crystal thickness (cm) : 3.0
Live/real counting times (s) : 1200/1472
Energy last channel (keV) : 614

File name : S-K-2
Sample : K - 1484
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 1.180 ± 0.007
Pu-240/Pu : 26.46 ± 0.001
Pu-242/Pu : 4.617 ± 0.005
Detector : HPGe semi-planar
FWHM at 208 keV (keV) : 0.74
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 12
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 64.15 ± 0.02
Pu-241/Pu : 3.753 ± 0.004
Am-241/Pu : 6.50 ± 0.10
Crystal diameter (cm) : 5.0
Crystal thickness (cm) : 3.0
Live/real counting times (s) : 1200/1472
Energy last channel (keV) : 614

File name : S-K-3
Sample : K - 1484
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 1.180 ± 0.007
Pu-240/Pu : 26.46 ± 0.001
Pu-242/Pu : 4.617 ± 0.005
Detector : HPGe semi-planar
FWHM at 208 keV (keV) : 0.73
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 12
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 64.15 ± 0.02
Pu-241/Pu : 3.753 ± 0.004
Am-241/Pu : 6.50 ± 0.10
Crystal diameter (cm) : 5.0
Crystal thickness (cm) : 3.0
Live/real counting times (s) : 1200/1472
Energy last channel (keV) : 614

File name : S-L-1
Sample : L - 1991
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.010 ± 0.001
Pu-240/Pu : 1.630 ± 0.005
Pu-242/Pu : 0.023 ± 0.001
Detector : HPGe semi-planar
FWHM at 208 keV (keV) : 0.72
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 11
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 98.30 ± 0.15
Pu-241/Pu : 0.048 ± 0.001
Am-241/Pu : 1.21 ± 0.02
Crystal diameter (cm) : 5.0
Crystal thickness (cm) : 3.0
Live/real counting times (s) : 1200/1494
Energy last channel (keV) : 614

File name : S-L-2
Sample : L - 1991
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.010 ± 0.001
Pu-240/Pu : 1.630 ± 0.005
Pu-242/Pu : 0.023 ± 0.001
Detector : HPGe semi-planar
FWHM at 208 keV (keV) : 0.75
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 11
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 98.30 ± 0.15
Pu-241/Pu : 0.048 ± 0.001
Am-241/Pu : 1.21 ± 0.02
Crystal diameter (cm) : 5.0
Crystal thickness (cm) : 3.0
Live/real counting times (s) : 1200/1491
Energy last channel (keV) : 614

File name : S-L-3
Sample : L - 1991
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.010 ± 0.001
Pu-240/Pu : 1.630 ± 0.005
Pu-242/Pu : 0.023 ± 0.001
Detector : HPGe semi-planar
FWHM at 208 keV (keV) : 0.74
Number of channels : 8192

Origin and date : CEA-DAMRI 2000, October 11
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 98.30 ± 0.15
Pu-241/Pu : 0.048 ± 0.001
Am-241/Pu : 1.21 ± 0.02
Crystal diameter (cm) : 5.0
Crystal thickness (cm) : 3.0
Live/real counting times (s) : 1200/1488

File name : S-M-1
Sample : M - 1406
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0109 ± 0.0001
Pu-240/Pu : 6.292 ± 0.001
Pu-242/Pu : 0.0385 ± 0.0002
Detector : HPGe semi-planar
FWHM at 208 keV (keV) : 0.75
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 12
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 93.54 ± 0.01
Pu-241/Pu : 0.1149 ± 0.0003
Am-241/Pu : 0.2013 ± 0.0038
Crystal diameter (cm) : 5.0
Crystal thickness (cm) : 3.0
Live/real counting times (s) : 1200/1465
Energy last channel (keV) : 614

File name : S-M-2
Sample : M - 1406
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0109 ± 0.0001
Pu-240/Pu : 6.292 ± 0.001
Pu-242/Pu : 0.0385 ± 0.0002
Detector : HPGe semi-planar
FWHM at 208 keV (keV) : 0.74
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 12
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 93.54 ± 0.01
Pu-241/Pu : 0.1149 ± 0.0003
Am-241/Pu : 0.2013 ± 0.0038
Crystal diameter (cm) : 5.0
Crystal thickness (cm) : 3.0
Live/real counting times (s) : 1200/1465
Energy last channel (keV) : 614

File name : S-M-3
Sample : M - 1406
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0109 ± 0.0001
Pu-240/Pu : 6.292 ± 0.001
Pu-242/Pu : 0.0385 ± 0.0002
Detector : HPGe semi-planar
FWHM at 208 keV (keV) : 0.74
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 12
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 93.54 ± 0.01
Pu-241/Pu : 0.1149 ± 0.0003
Am-241/Pu : 0.2013 ± 0.0038
Crystal diameter (cm) : 5.0
Crystal thickness (cm) : 3.0
Live/real counting times (s) : 1200/1465
Energy last channel (keV) : 614

File name : S-N-1
Sample : N - 1413
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 1.303 ± 0.002
Pu-240/Pu : 24.021 ± 0.006
Pu-242/Pu : 4.642 ± 0.004
Detector : HPGe semi-planar
FWHM at 208 keV (keV) : 0.74
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 12
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 64.993 ± 0.006
Pu-241/Pu : 5.041 ± 0.003
Am-241/Pu : 4.95 ± 0.03
Crystal diameter (cm) : 5.0
Crystal thickness (cm) : 3.0
Live/real counting times (s) : 1200/1472
Energy last channel (keV) : 614

File name : S-N-2
Sample : N - 1413
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 1.303 ± 0.002
Pu-240/Pu : 24.021 ± 0.006
Pu-242/Pu : 4.642 ± 0.004
Detector : HPGe semi-planar
FWHM at 208 keV (keV) : 0.74
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 12
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 64.993 ± 0.006
Pu-241/Pu : 5.041 ± 0.003
Am-241/Pu : 4.95 ± 0.03
Crystal diameter (cm) : 5.0
Crystal thickness (cm) : 3.0
Live/real counting times (s) : 1200/1473
Energy last channel (keV) : 614

File name : S-N-3
Sample : N - 1413
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 1.303 ± 0.002
Pu-240/Pu : 24.021 ± 0.006
Pu-242/Pu : 4.642 ± 0.004
Detector : HPGe semi-planar
FWHM at 208 keV (keV) : 0.73
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 12
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 64.993 ± 0.006
Pu-241/Pu : 5.041 ± 0.003
Am-241/Pu : 4.95 ± 0.03
Crystal diameter (cm) : 5.0
Crystal thickness (cm) : 3.0
Live/real counting times (s) : 1200/1474
Energy last channel (keV) : 614

File name : S-O-1
Sample : O - 1070
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.00630 ± 0.00005
Pu-240/Pu : 4.5010 ± 0.0026
Pu-242/Pu : 0.0073 ± 0.0002
Detector : HPGe semi-planar
FWHM at 208 keV (keV) : 0.74
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 12
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 95.42 ± 0.02
Pu-241/Pu : 0.0604 ± 0.0003
Am-241/Pu : 0.1615 ± 0.0068
Crystal diameter (cm) : 5.0
Crystal thickness (cm) : 3.0
Live/real counting times (s) : 1200/1415
Energy last channel (keV) : 614

File name : S-O-2
Sample : O - 1070
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.00630 ± 0.00005
Pu-240/Pu : 4.5010 ± 0.0026
Pu-242/Pu : 0.0073 ± 0.0002
Detector : HPGe semi-planar
FWHM at 208 keV (keV) : 0.74
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 12
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 95.42 ± 0.02
Pu-241/Pu : 0.0604 ± 0.0003
Am-241/Pu : 0.1615 ± 0.0068
Crystal diameter (cm) : 5.0
Crystal thickness (cm) : 3.0
Live/real counting times (s) : 1200/1415
Energy last channel (keV) : 614

File name : S-O-3
Sample : O - 1070
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.00630 ± 0.00005
Pu-240/Pu : 4.5010 ± 0.0026
Pu-242/Pu : 0.0073 ± 0.0002
Detector : HPGe semi-planar
FWHM at 208 keV (keV) : 0.74
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 12
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 95.42 ± 0.02
Pu-241/Pu : 0.0604 ± 0.0003
Am-241/Pu : 0.1615 ± 0.0068
Crystal diameter (cm) : 5.0
Crystal thickness (cm) : 3.0
Live/real counting times (s) : 1200/1415
Energy last channel (keV) : 614

File name : S-P-1
Sample : P - 2211
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 1.110 ± 0.005
Pu-240/Pu : 26.240 ± 0.005
Pu-242/Pu : 4.34 ± 0.01
Detector : HPGe semi-planar
FWHM at 208 keV (keV) : 0.70
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 11
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 64.72 ± 0.01
Pu-241/Pu : 3.590 ± 0.0005
Am-241/Pu : 1.38 ± 0.01
Crystal diameter (cm) : 5.0
Crystal thickness (cm) : 3.0
Live/real counting times (s) : 3600/3850
Energy last channel (keV) : 614

File name : S-P-2
Sample : P - 2211
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 1.110 ± 0.005
Pu-240/Pu : 26.240 ± 0.005
Pu-242/Pu : 4.34 ± 0.01
Detector : HPGe semi-planar
FWHM at 208 keV (keV) : 0.70
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 11
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 64.72 ± 0.01
Pu-241/Pu : 3.590 ± 0.0005
Am-241/Pu : 1.38 ± 0.01
Crystal diameter (cm) : 5.0
Crystal thickness (cm) : 3.0
Live/real counting times (s) : 3600/3850
Energy last channel (keV) : 614

File name : S-P-3
Sample : P - 2211
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 1.110 ± 0.005
Pu-240/Pu : 26.240 ± 0.005
Pu-242/Pu : 4.34 ± 0.01
Detector : HPGe semi-planar
FWHM at 208 keV (keV) : 0.70
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 11
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 64.72 ± 0.01
Pu-241/Pu : 3.590 ± 0.0005
Am-241/Pu : 1.38 ± 0.01
Crystal diameter (cm) : 5.0
Crystal thickness (cm) : 3.0
Live/real counting times (s) : 3600/3850
Energy last channel (keV) : 614

File name : S-Q-1
Sample : Q - 2211
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 1.110 ± 0.005
Pu-240/Pu : 26.240 ± 0.005
Pu-242/Pu : 4.34 ± 0.01
Detector : HPGe semi-planar
FWHM at 208 keV (keV) : 0.67
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 10
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 64.72 ± 0.01
Pu-241/Pu : 3.590 ± 0.0005
Am-241/Pu : 1.38 ± 0.01
Crystal diameter (cm) : 5.0
Crystal thickness (cm) : 3.0
Live/real counting times (s) : 3600/3723
Energy last channel (keV) : 614

File name : S-Q-2
Sample : Q - 2211
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 1.110 ± 0.005
Pu-240/Pu : 26.240 ± 0.005
Pu-242/Pu : 4.34 ± 0.01
Detector : HPGe semi-planar
FWHM at 208 keV (keV) : 0.68
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 10
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 64.72 ± 0.01
Pu-241/Pu : 3.590 ± 0.0005
Am-241/Pu : 1.38 ± 0.01
Crystal diameter (cm) : 5.0
Crystal thickness (cm) : 3.0
Live/real counting times (s) : 3600/3723
Energy last channel (keV) : 614

File name : S-Q-3
Sample : Q - 2211
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 1.110 ± 0.005
Pu-240/Pu : 26.240 ± 0.005
Pu-242/Pu : 4.34 ± 0.01
Detector : HPGe semi-planar
FWHM at 208 keV (keV) : 0.69
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 10
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 64.72 ± 0.01
Pu-241/Pu : 3.590 ± 0.0005
Am-241/Pu : 1.38 ± 0.01
Crystal diameter (cm) : 5.0
Crystal thickness (cm) : 3.0
Live/real counting times (s) : 3600/3723
Energy last channel (keV) : 614

File name : S-R-1
Sample : R - 716
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0
Pu-240/Pu : $0.021 \pm -$
Pu-242/Pu : 0
Detector : HPGe semi-planar
FWHM at 208 keV (keV) : 0.67
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 10
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 99.979 ± 0.005
Pu-241/Pu : $0.0001 \pm -$
Am-241/Pu : $0.0003 \pm -$
Crystal diameter (cm) : 5.0
Crystal thickness (cm) : 3.0
Live/real counting times (s) : 3600/3723
Energy last channel (keV) : 614

File name : S-R-2
Sample : R - 716
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0
Pu-240/Pu : $0.021 \pm -$
Pu-242/Pu : 0
Detector : HPGe semi-planar
FWHM at 208 keV (keV) : 0.68
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 10
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 99.979 ± 0.005
Pu-241/Pu : $0.0001 \pm -$
Am-241/Pu : $0.0003 \pm -$
Crystal diameter (cm) : 5.0
Crystal thickness (cm) : 3.0
Live/real counting times (s) : 3600/3723
Energy last channel (keV) : 614

File name : S-R-3
Sample : R - 716
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0
Pu-240/Pu : $0.021 \pm -$
Pu-242/Pu : 0
Detector : HPGe semi-planar
FWHM at 208 keV (keV) : 0.69
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 10
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 99.979 ± 0.005
Pu-241/Pu : $0.0001 \pm -$
Am-241/Pu : $0.0003 \pm -$
Crystal diameter (cm) : 5.0
Crystal thickness (cm) : 3.0
Live/real counting times (s) : 3600/3723
Energy last channel (keV) : 614

File name : S-S-1
Sample : S - 1269
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.012 -
Pu-240/Pu : 99.940 ± 0.005
Pu-242/Pu : 0.029 -
Detector : HPGe semi-planar
FWHM at 208 keV (keV) : 0.74
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 12
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 0.023 -
Pu-241/Pu : 0.001 -
Am-241/Pu : 0.002 -
Crystal diameter (cm) : 5.0
Crystal thickness (cm) : 3.0
Live/real counting times (s) : 1200/1422
Energy last channel (keV) : 614

File name : S-S-2
Sample : S - 1269
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.012 -
Pu-240/Pu : 99.940 ± 0.005
Pu-242/Pu : 0.029 -
Detector : HPGe semi-planar
FWHM at 208 keV (keV) : 0.74
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 12
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 0.023 -
Pu-241/Pu : 0.001 -
Am-241/Pu : 0.002 -
Crystal diameter (cm) : 5.0
Crystal thickness (cm) : 3.0
Live/real counting times (s) : 1200/1422
Energy last channel (keV) : 614

File name : S-S-3
Sample : S - 1269
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.012 -
Pu-240/Pu : 99.940 ± 0.005
Pu-242/Pu : 0.029 -
Detector : HPGe semi-planar
FWHM at 208 keV (keV) : 0.74
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 12
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 0.023 -
Pu-241/Pu : 0.001 -
Am-241/Pu : 0.002 -
Crystal diameter (cm) : 5.0
Crystal thickness (cm) : 3.0
Live/real counting times (s) : 1200/1423
Energy last channel (keV) : 614

File name : S-R93-1
Sample : CBNM - 93
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0105 ± 0.0001
Pu-240/Pu : 6.3138 ± 0.0020
Pu-242/Pu : 0.0396 ± 0.0002
Detector : HPGe semi-planar
FWHM at 208 keV (keV) : 0.75
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 9
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 93.5201 ± 0.0044
Pu-241/Pu : 0.1161 ± 0.0001
Am-241/Pu : 0.2091 ± 0.0021
Crystal diameter (cm) : 5.0
Crystal thickness (cm) : 3.0
Live/real counting times (s) : 1200/1526
Energy last channel (keV) : 614

File name : S-R93-2
Sample : CBNM - 93
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0105 ± 0.0001
Pu-240/Pu : 6.3138 ± 0.0020
Pu-242/Pu : 0.0396 ± 0.0002
Detector : HPGe semi-planar
FWHM at 208 keV (keV) : 0.75
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 9
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 93.5201 ± 0.0044
Pu-241/Pu : 0.1161 ± 0.0001
Am-241/Pu : 0.2091 ± 0.0021
Crystal diameter (cm) : 5.0
Crystal thickness (cm) : 3.0
Live/real counting times (s) : 1200/1526
Energy last channel (keV) : 614

File name : S-R93-3
Sample : CBNM - 93
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0105 ± 0.0001
Pu-240/Pu : 6.3138 ± 0.0020
Pu-242/Pu : 0.0396 ± 0.0002
Detector : HPGe semi-planar
FWHM at 208 keV (keV) : 0.74
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 9
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 93.5201 ± 0.0044
Pu-241/Pu : 0.1161 ± 0.0001
Am-241/Pu : 0.2091 ± 0.0021
Crystal diameter (cm) : 5.0
Crystal thickness (cm) : 3.0
Live/real counting times (s) : 1200/1526
Energy last channel (keV) : 614

File name : S-R84-1
Sample : CBNM - 84
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0635 ± 0.0003
Pu-240/Pu : 14.2657 ± 0.0043
Pu-242/Pu : 0.3596 ± 0.0005
Detector : HPGe semi-planar
FWHM at 208 keV (keV) : 0.74
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 9
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 84.7755 ± 0.0058
Pu-241/Pu : 0.5357 ± 0.0005
Am-241/Pu : 0.7054 ± 0.0036
Crystal diameter (cm) : 5.0
Crystal thickness (cm) : 3.0
Live/real counting times (s) : 1200/1469
Energy last channel (keV) : 614

File name : S-R84-2
Sample : CBNM - 84
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0635 ± 0.0003
Pu-240/Pu : 14.2657 ± 0.0043
Pu-242/Pu : 0.3596 ± 0.0005
Detector : HPGe semi-planar
FWHM at 208 keV (keV) : 0.74
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 9
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 84.7755 ± 0.0058
Pu-241/Pu : 0.5357 ± 0.0005
Am-241/Pu : 0.7054 ± 0.0036
Crystal diameter (cm) : 5.0
Crystal thickness (cm) : 3.0
Live/real counting times (s) : 1200/1469
Energy last channel (keV) : 614

File name : S-R84-3
Sample : CBNM - 84
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.0635 ± 0.0003
Pu-240/Pu : 14.2657 ± 0.0043
Pu-242/Pu : 0.3596 ± 0.0005
Detector : HPGe semi-planar
FWHM at 208 keV (keV) : 0.74
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 9
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 84.7755 ± 0.0058
Pu-241/Pu : 0.5357 ± 0.0005
Am-241/Pu : 0.7054 ± 0.0036
Crystal diameter (cm) : 5.0
Crystal thickness (cm) : 3.0
Live/real counting times (s) : 1200/1469
Energy last channel (keV) : 614

File name : S-R70-1
Sample : CBNM - 70
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.7816 ± 0.0009
Pu-240/Pu : 18.7890 ± 0.0045
Pu-242/Pu : 2.1364 ± 0.0012
Detector : HPGe semi-planar
FWHM at 208 keV (keV) : 0.74
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 10
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 75.3797 ± 0.0052
Pu-241/Pu : 2.9133 ± 0.0010
Am-241/Pu : 3.852 ± 0.019
Crystal diameter (cm) : 5.0
Crystal thickness (cm) : 3.0
Live/real counting times (s) : 1200/1494
Energy last channel (keV) : 614

File name : S-R70-2
Sample : CBNM - 70
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.7816 ± 0.0009
Pu-240/Pu : 18.7890 ± 0.0045
Pu-242/Pu : 2.1364 ± 0.0012
Detector : HPGe semi-planar
FWHM at 208 keV (keV) : 0.74
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 10
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 75.3797 ± 0.0052
Pu-241/Pu : 2.9133 ± 0.0010
Am-241/Pu : 3.852 ± 0.019
Crystal diameter (cm) : 5.0
Crystal thickness (cm) : 3.0
Live/real counting times (s) : 1200/1493
Energy last channel (keV) : 614

File name : S-R70-3
Sample : CBNM -70
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 0.7816 ± 0.0009
Pu-240/Pu : 18.7890 ± 0.0045
Pu-242/Pu : 2.1364 ± 0.0012
Detector : HPGe semi-planar
FWHM at 208 keV (keV) : 0.74
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 10
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 75.3797 ± 0.0052
Pu-241/Pu : 2.9133 ± 0.0010
Am-241/Pu : 3.852 ± 0.019
Crystal diameter (cm) : 5.0
Crystal thickness (cm) : 3.0
Live/real counting times (s) : 1200/1494
Energy last channel (keV) : 614

File name : S-R61-1
Sample : CBNM - 61
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 1.1133 ± 0.0012
Pu-240/Pu : 26.262 ± 0.012
Pu-242/Pu : 4.3399 ± 0.0033
Detector : HPGe semi-planar
FWHM at 208 keV (keV) : 0.74
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 10
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 64.700 ± 0.015
Pu-241/Pu : 3.5848 ± 0.0024
Am-241/Pu : 4.754 ± 0.024
Crystal diameter (cm) : 5.0
Crystal thickness (cm) : 3.0
Live/real counting times (s) : 1200/1509
Energy last channel (keV) : 614

File name : S-R61-2
Sample : CBNM - 61
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 1.1133 ± 0.0012
Pu-240/Pu : 26.262 ± 0.012
Pu-242/Pu : 4.3399 ± 0.0033
Detector : HPGe semi-planar
FWHM at 208 keV (keV) : 0.74
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 10
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 64.700 ± 0.015
Pu-241/Pu : 3.5848 ± 0.0024
Am-241/Pu : 4.754 ± 0.024
Crystal diameter (cm) : 5.0
Crystal thickness (cm) : 3.0
Live/real counting times (s) : 1200/1509
Energy last channel (keV) : 614

File name : S-R61-3
Sample : CBNM - 61
Declared isotopic composition (from Pu-2000 exercise) at the reference date of 2000, January 1
Pu-238/Pu : 1.1133 ± 0.0012
Pu-240/Pu : 26.262 ± 0.012
Pu-242/Pu : 4.3399 ± 0.0033
Detector : HPGe semi-planar
FWHM at 208 keV (keV) : 0.74
Number of channels : 8192
Energy first channel (keV) : 0

Origin and date : CEA-DAMRI 2000, October 10
Origin : IRMM, Pu-2000 exercise
Pu-239/Pu : 64.700 ± 0.015
Pu-241/Pu : 3.5848 ± 0.0024
Am-241/Pu : 4.754 ± 0.024
Crystal diameter (cm) : 5.0
Crystal thickness (cm) : 3.0
Live/real counting times (s) : 1200/1509
Energy last channel (keV) : 614