

r7022

**898 keV (884-908)**

**Gaus Fit:**

EXT NO.	PARAMETER NAME	VALUE	ERROR	STEP SIZE	FIRST DERIVATIVE
1	Constant	1.11700e+00	1.11615e+00	5.61435e-03**	at limit **
2	Mean	8.97248e+02	8.84682e-01	5.30741e-04	-5.04108e-05
3	Sigma	1.03682e+00	4.93350e-01	2.96119e-04	1.02118e-05

**Pol1 Fit:**

Minimizer is Linear

Chi2	=	1.22235			
NDF	=	10			
p0	=	-0.255058	+/-	9.10024	
p1	=	0.00035673	+/-	0.0101595	

**Gaus+Pol1 Fit:**

EXT NO.	PARAMETER NAME	VALUE	ERROR	STEP SIZE	FIRST DERIVATIVE
1	p0	6.03554e-02	9.11958e+00	3.66095e-05	-1.29148e-03
2	p1	-8.86572e-06	1.01816e-02	4.08707e-08	-1.42931e+00
3	p2	1.06200e+00	5.42959e-01	3.28754e-03**	at limit **
4	p3	8.97292e+02	1.07870e+00	5.14042e-04	-2.58665e-04
5	p4	9.44423e-01	6.05913e-01	2.79089e-04	-6.15451e-04

**Sub Fit (Gaus):**

EXT NO.	PARAMETER NAME	VALUE	ERROR	STEP SIZE	FIRST DERIVATIVE
1	Constant	3.39200e-01	2.65529e-01	2.98481e-03**	at limit **
2	Mean	8.97420e+02	1.07527e+00	7.02660e-04	9.71565e-05
3	Sigma	1.01327e+00	5.83789e-01	4.94174e-05	7.05339e-03

**1836.1 keV (1822-1850)**

**Gaus Fit:**

**Pol1 Fit:**

**Gaus+Pol1 Fit:**

**Sub Fit (Gaus):**

r7023

**898 keV (884-908)**

**Gaus Fit:**

EXT NO.	PARAMETER NAME	VALUE	ERROR	STEP SIZE	FIRST DERIVATIVE
1	Constant	3.80000e-03	3.74566e-03	1.16639e-01**	at limit **
2	Mean	8.96811e+02	1.56778e+01	7.67089e-03	-2.66805e-06
3	Sigma	1.12290e+00	1.14967e+01	1.20969e-03	-1.30567e-04

**Pol1 Fit:**

Minimizer is Linear

Chi2	=	0.00514191			
NDF	=	6			
p0	=	0.0028833	+/-	0.338004	
p1	=	-3.15522e-06	+/-	0.000375113	

**Gaus+Pol1 Fit:**

EXT NO.	PARAMETER NAME	VALUE	ERROR	STEP SIZE	FIRST DERIVATIVE
1	p0	1.15964e-03	3.41855e-01	1.09569e-06	-1.86662e-01
2	p1	-1.26053e-06	3.79324e-04	1.21599e-09	-1.68291e+02
3	p2	3.77000e-03	fixed		
4	p3	8.96815e+02	1.60333e+01	7.72266e-03	1.46678e-06
5	p4	1.10588e+00	9.31815e+00	4.41719e-03	1.86610e-05

**Sub Fit (Gaus):**

EXT NO.	PARAMETER NAME	VALUE	ERROR	STEP SIZE	FIRST DERIVATIVE
1	Constant	1.96500e-03	7.85066e-04	3.76195e-02**	at limit **
2	Mean	8.96683e+02	4.64535e+00	2.04870e-03	2.15763e-06
3	Sigma	8.41905e-01	3.81872e+01	6.71956e-04	-4.85410e-05

**1836.1 keV (1830-1850)**

**Gaus Fit:**

**Pol1 Fit:**

**Gaus+Pol1 Fit:**

**Sub Fit (Gaus):**

r7107

**898 keV (884-908)**

**Gaus Fit:**

EXT NO.	PARAMETER NAME	VALUE	ERROR	STEP SIZE	FIRST DERIVATIVE
1	Constant	5.58700e-01	2.07316e-02	2.17574e-02**	at limit **
2	Mean	8.97502e+02	1.49820e+00	8.68980e-04	1.55101e-05
3	Sigma	1.54104e+00	1.06861e+00	7.36937e-05	-2.35280e-05

**Pol1 Fit:**

Minimizer is Linear

Chi2	=	0.72787			
Ndf	=	10			
p0	=	1.05535	+/-	8.50536	
p1	=	-0.0011085	+/-	0.00948138	

**Gaus+Pol1 Fit:**

EXT NO.	PARAMETER NAME	VALUE	ERROR	STEP SIZE	FIRST DERIVATIVE
1	p0	1.14212e+00	8.54496e+00	3.51397e-05	-1.95503e-03
2	p1	-1.21975e-03	9.52638e-03	3.91722e-08	-1.75023e+00
3	p2	5.11500e-01	3.04726e-01	3.54310e-03**	at limit **
4	p3	8.97497e+02	1.68395e+00	2.69249e-03	-4.78557e-06
5	p4	1.28714e+00	1.16411e+00	5.36987e-04	-1.73731e-04

**Sub Fit (Gaus):**

EXT NO.	PARAMETER NAME	VALUE	ERROR	STEP SIZE	FIRST DERIVATIVE
1	Constant	2.97500e-01	1.37085e-01	3.28199e-03**	at limit **
2	Mean	8.97717e+02	1.13103e+00	1.97928e-04	3.10548e-05
3	Sigma	8.18176e-01	8.51064e-01	7.36155e-05	-2.74419e-03

**1836.1 keV (1824-1850)**

**Gaus Fit:**

**Pol1 Fit:**

**Gaus+Pol1 Fit:**

**Sub Fit (Gaus):**

**r7108**

**898 keV (884-908)**

**Gaus Fit:**

EXT NO.	PARAMETER NAME	VALUE	ERROR	STEP SIZE	FIRST DERIVATIVE
1	Constant	2.23200e-03	2.07318e-03	5.02707e-02**	at limit **
2	Mean	8.97601e+02	2.28725e+01	1.11676e-02	2.39524e-08
3	Sigma	1.51074e+00	1.66171e+01	1.25686e-03	-2.07149e-06

**Pol1 Fit:**

Minimizer is Linear

Chi2	=	0.00415023			
Ndf	=	6			
p0	=	-0.00141149	+/-	0.263737	
p1	=	1.62456e-06	+/-	0.000295189	

**Gaus+Pol1 Fit:**

EXT NO.	PARAMETER NAME	VALUE	ERROR	STEP SIZE	FIRST DERIVATIVE
1	p0	-1.32803e-04	2.66897e-01	1.09089e-06	-3.26629e-02
2	p1	1.68490e-07	2.98831e-04	1.22099e-09	-2.91176e+01
3	p2	2.21000e-03	1.20643e-03	4.61918e-02**	at limit **
4	p3	8.97608e+02	2.34831e+01	1.13886e-02	3.35835e-07
5	p4	1.47766e+00	1.48068e+01	6.74339e-03	5.13134e-07

**Sub Fit (Gaus):**

EXT NO.	PARAMETER NAME	VALUE	ERROR	STEP SIZE	FIRST DERIVATIVE
1	Constant	1.65300e-03	8.93699e-01	1.07110e-03**	at limit **
2	Mean	8.97772e+02	1.68208e+01	6.39557e-03	1.02319e-05
3	Sigma	7.24023e-01	5.23948e+01	1.11710e-03	-8.60375e-06

**1836.1 keV (1824-1850)**

**Gaus Fit:**

**Pol1 Fit:**

**Gaus+Pol1 Fit:**

**Sub Fit (Gaus):**

r7203

**898 keV (880-906)**

**Gaus Fit:**

EXT NO.	PARAMETER NAME	VALUE	ERROR	STEP SIZE	FIRST DERIVATIVE
1	Constant	6.01000e-01	4.85813e-01	6.34078e-03**	at limit **
2	Mean	8.94748e+02	1.19396e+00	7.01315e-04	3.02916e-05
3	Sigma	9.73541e-01	6.27670e-01	5.27805e-05	-1.04837e-04

**Pol1 Fit:**

Minimizer is Linear

Chi2	=	0.634425		
Ndf	=	11		
p0	=	-0.803446	+/-	6.40272
p1	=	0.000950157	+/-	0.007181

**Gaus+Pol1 Fit:**

EXT NO.	PARAMETER NAME	VALUE	ERROR	STEP SIZE	FIRST DERIVATIVE
1	p0	-5.81447e-01	6.46123e+00	2.93633e-05	-6.41902e-04
2	p1	6.94650e-04	7.24899e-03	3.29326e-08	-1.69706e-01
3	p2	5.60000e-01	3.16400e-01	3.55410e-03**	at limit **
4	p3	8.94657e+02	1.54521e+00	7.35332e-04	2.50857e-04
5	p4	8.25303e-01	8.96529e-01	4.09332e-04	-4.98163e-04

**Sub Fit (Gaus):**

EXT NO.	PARAMETER NAME	VALUE	ERROR	STEP SIZE	FIRST DERIVATIVE
1	Constant	3.68000e-01	1.51299e-02	5.14014e-02	-2.68419e-06
2	Mean	8.94341e+02	6.87487e-01	4.35487e-04	1.37253e-04
3	Sigma	4.34416e-01	3.49712e-01	4.25364e-05	2.37901e-04

**1836.1 keV (1800-1880)**

**Gaus Fit:**

**Pol1 Fit:**

**Gaus+Pol1 Fit:**

**Sub Fit (Gaus):**

r7204

**898 keV (878-904)**

**Gaus Fit:**

EXT NO.	PARAMETER NAME	VALUE	ERROR	STEP SIZE	FIRST DERIVATIVE
1	Constant	1.24600e-03	5.02218e-01	1.63794e-04**	at limit **
2	Mean	8.90828e+02	3.11408e+01	1.51279e-02	2.15309e-08
3	Sigma	1.44866e+00	3.11866e+01	1.60315e-03	-2.28614e-06

**Pol1 Fit:**

Minimizer is Linear

Chi2	=	0.00196447			
NDF	=	9			
p0	=	-0.00167781	+/-	0.185963	
p1	=	1.93886e-06	+/-	0.000209347	

**Gaus+Pol1 Fit:**

EXT NO.	PARAMETER NAME	VALUE	ERROR	STEP SIZE	FIRST DERIVATIVE
1	p0	-1.68461e-03	1.86400e-01	9.80855e-07	-4.48656e-02
2	p1	1.93093e-06	2.09866e-04	1.10419e-09	-2.46870e+01
3	p2	1.21005e-03	4.99768e-01	5.38940e-03**	at limit **
4	p3	8.90823e+02	3.26021e+01	1.57936e-02	5.44931e-07
5	p4	1.35729e+00	2.69513e+01	1.04373e-02	5.33832e-07

**Sub Fit (Gaus):**

EXT NO.	PARAMETER NAME	VALUE	ERROR	STEP SIZE	FIRST DERIVATIVE
1	Constant	7.12002e-04	9.75968e-01	1.32516e-03**	at limit **
2	Mean	8.90906e+02	2.44768e+01	1.07314e-02	9.92304e-06
3	Sigma	8.64761e-01	5.62852e+01	1.16054e-03	-3.65655e-05

**1836.1 keV (1800-1850)**

**Gaus Fit:**

**Pol1 Fit:**

**Gaus+Pol1 Fit:**

**Sub Fit (Gaus):**

r7235

**898 keV (888-914)**

**Gaus Fit:**

EXT NO.	PARAMETER NAME	VALUE	ERROR	STEP SIZE	FIRST DERIVATIVE
1	Constant	4.33500e-01	6.64798e-02	9.25984e-03**	at limit **
2	Mean	9.03233e+02	1.73302e+00	1.01851e-03	1.07697e-04
3	Sigma	1.50742e+00	1.50629e+00	1.00572e-04	2.90145e-04

**Pol1 Fit:**

Minimizer is Linear

Chi2	=	0.529919			
Ndf	=	11			
p0	=	-0.0664177	+/-	6.71303	
p1	=	0.000133793	+/-	0.00745183	

**Gaus+Pol1 Fit:**

EXT NO.	PARAMETER NAME	VALUE	ERROR	STEP SIZE	FIRST DERIVATIVE
1	p0	2.15972e-01	6.75034e+00	3.23205e-05	3.05955e-03
2	p1	-1.90651e-04	7.49513e-03	3.58775e-08	2.37565e+00
3	p2	3.89000e-01	2.43540e-01	8.92264e-03**	at limit **
4	p3	9.03219e+02	1.96241e+00	2.70966e-03	-3.36499e-05
5	p4	1.22984e+00	1.31175e+00	6.22849e-04	2.92773e-04

**Sub Fit (Gaus):**

EXT NO.	PARAMETER NAME	VALUE	ERROR	STEP SIZE	FIRST DERIVATIVE
1	Constant	2.14000e-01	1.10216e-01	4.16036e-03**	at limit **
2	Mean	9.03650e+02	9.66123e-01	1.63339e-04	-1.28451e-04
3	Sigma	4.50241e-01	5.29330e-01	4.77621e-05	-2.65902e-03

**1836.1 keV (1830-1860)**

**Gaus Fit:**

**Pol1 Fit:**

**Gaus+Pol1 Fit:**

**Sub Fit (Gaus):**

r7236

**898 keV (885-924)**

**Gaus Fit:**

EXT NO.	PARAMETER NAME	VALUE	ERROR	STEP SIZE	FIRST DERIVATIVE
1	Constant	1.14300e-03	8.56985e-04	7.94128e-02**	at limit **
2	Mean	9.08429e+02	5.32384e+01	2.58377e-02	-1.28384e-07
3	Sigma	3.82288e+00	3.83555e+01	1.19255e-03	7.56510e-08

**Pol1 Fit:**

Minimizer is Linear

Chi2	=	0.00493554			
Ndf	=	15			
p0	=	-0.000825909	+/-	0.100984	
p1	=	9.64849e-07	+/-	0.000112028	

**Gaus+Pol1 Fit:**

EXT NO.	PARAMETER NAME	VALUE	ERROR	STEP SIZE	FIRST DERIVATIVE
1	p0	-1.49474e-05	1.09826e-01	7.83072e-07	-2.09390e-02
2	p1	3.55421e-08	1.22200e-04	8.68715e-10	-1.67773e+01
3	p2	1.12600e-03	4.52522e-04	2.19888e-01**	at limit **
4	p3	9.08384e+02	5.73921e+01	2.66935e-02	6.43707e-07
5	p4	3.66637e+00	4.50953e+01	1.60588e-02	6.05826e-07

**Sub Fit (Gaus):**

EXT NO.	PARAMETER NAME	VALUE	ERROR	STEP SIZE	FIRST DERIVATIVE
1	Constant	6.80134e-04	1.16804e-02	4.98440e-06	-2.64972e-02
2	Mean	9.08993e+02	5.85964e+01	2.73959e-02	4.06976e-06
3	Sigma	3.52758e+00	2.24021e+01	1.55498e-03	2.58960e-05

**1836.1 keV (1840-1870)**

**Gaus Fit:**

**Pol1 Fit:**

**Gaus+Pol1 Fit:**

**Sub Fit (Gaus):**