

Program EVALPLOT
(Version 2015-2)

by

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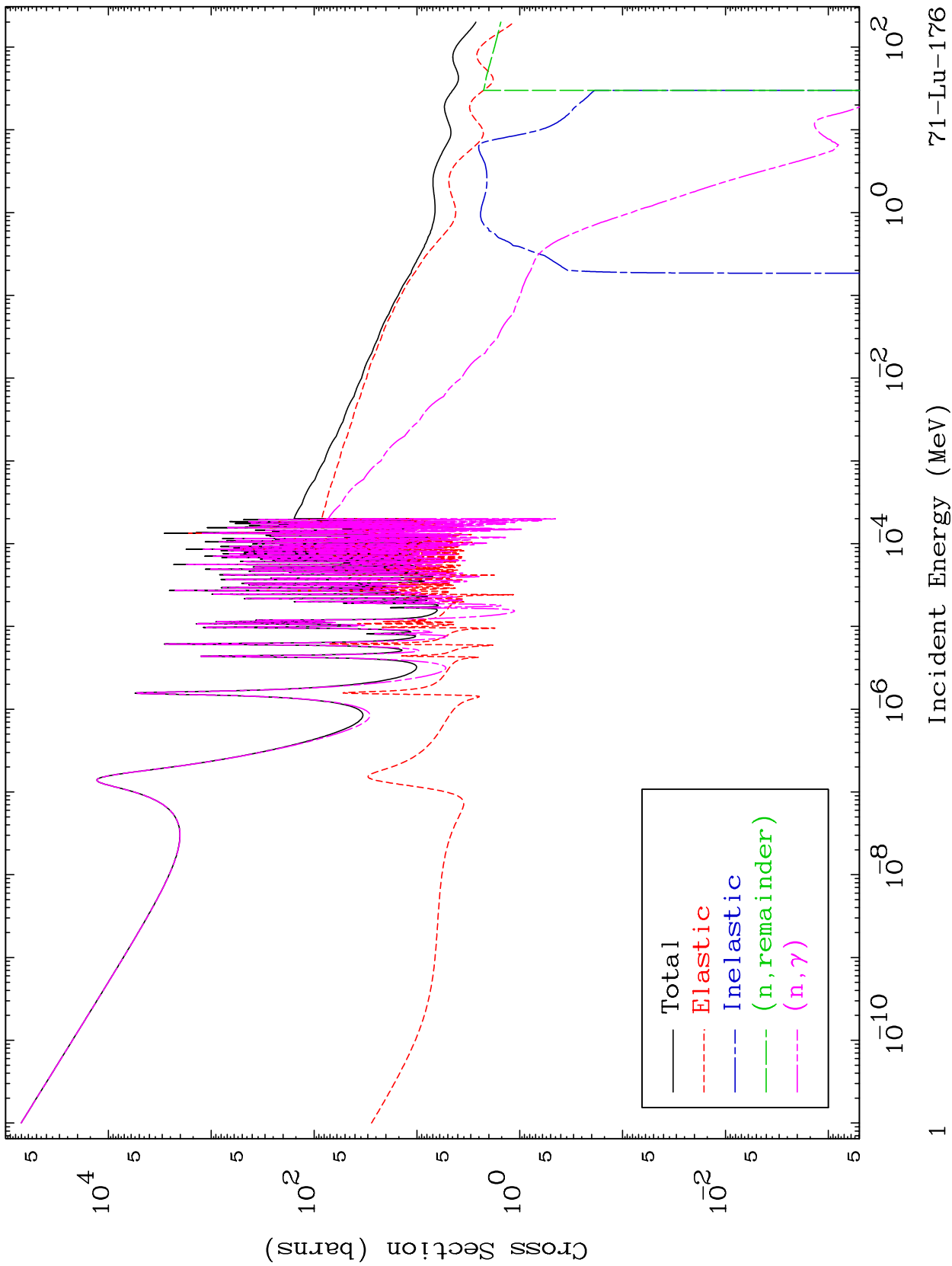
Press Mouse Button to Start

MAT 7128

Major

293 Kelvin Cross Sections

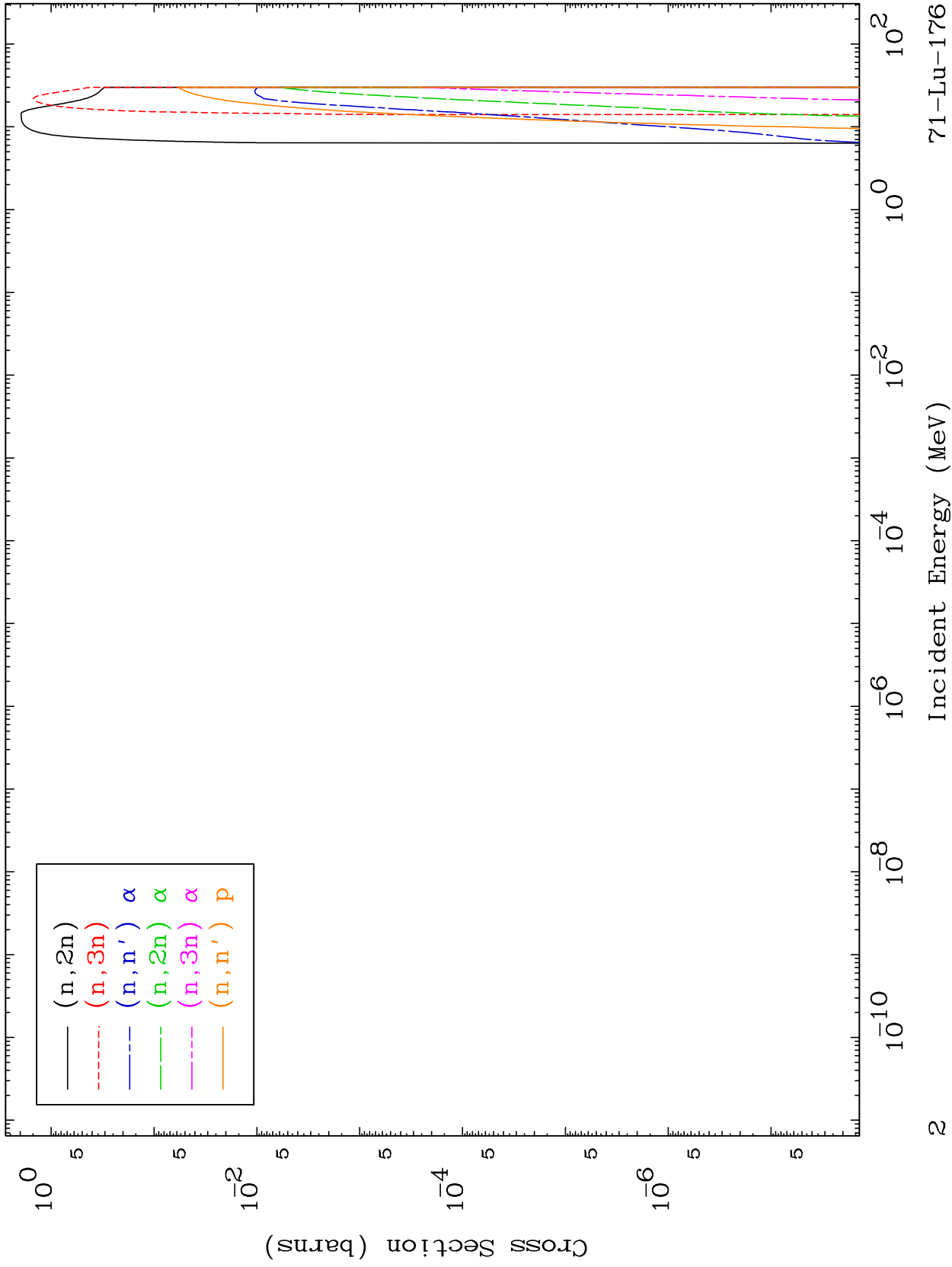
71-Lu-176

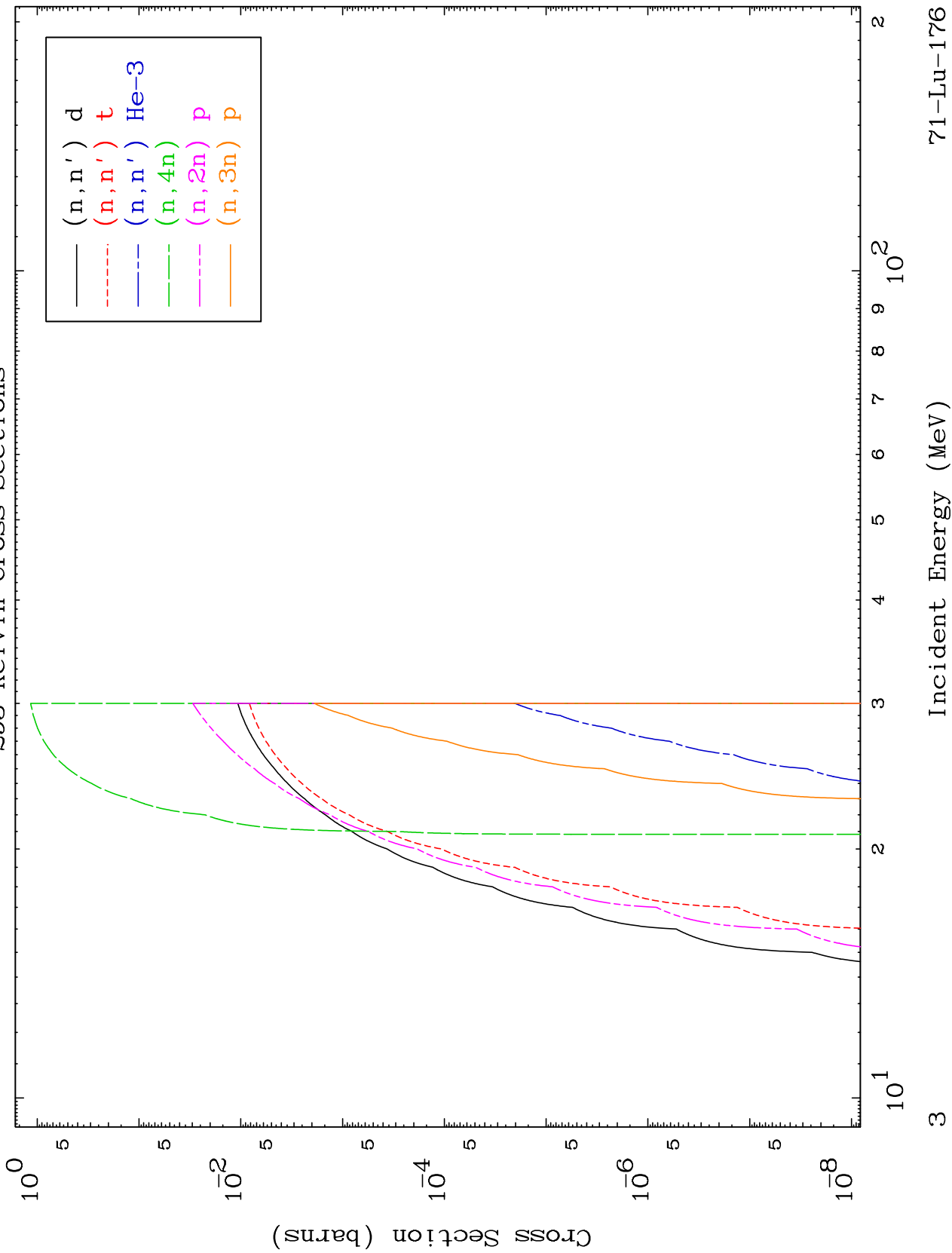


MAT 7128

Neutron Production
293 Kelvin Cross Sections

71-Lu-176

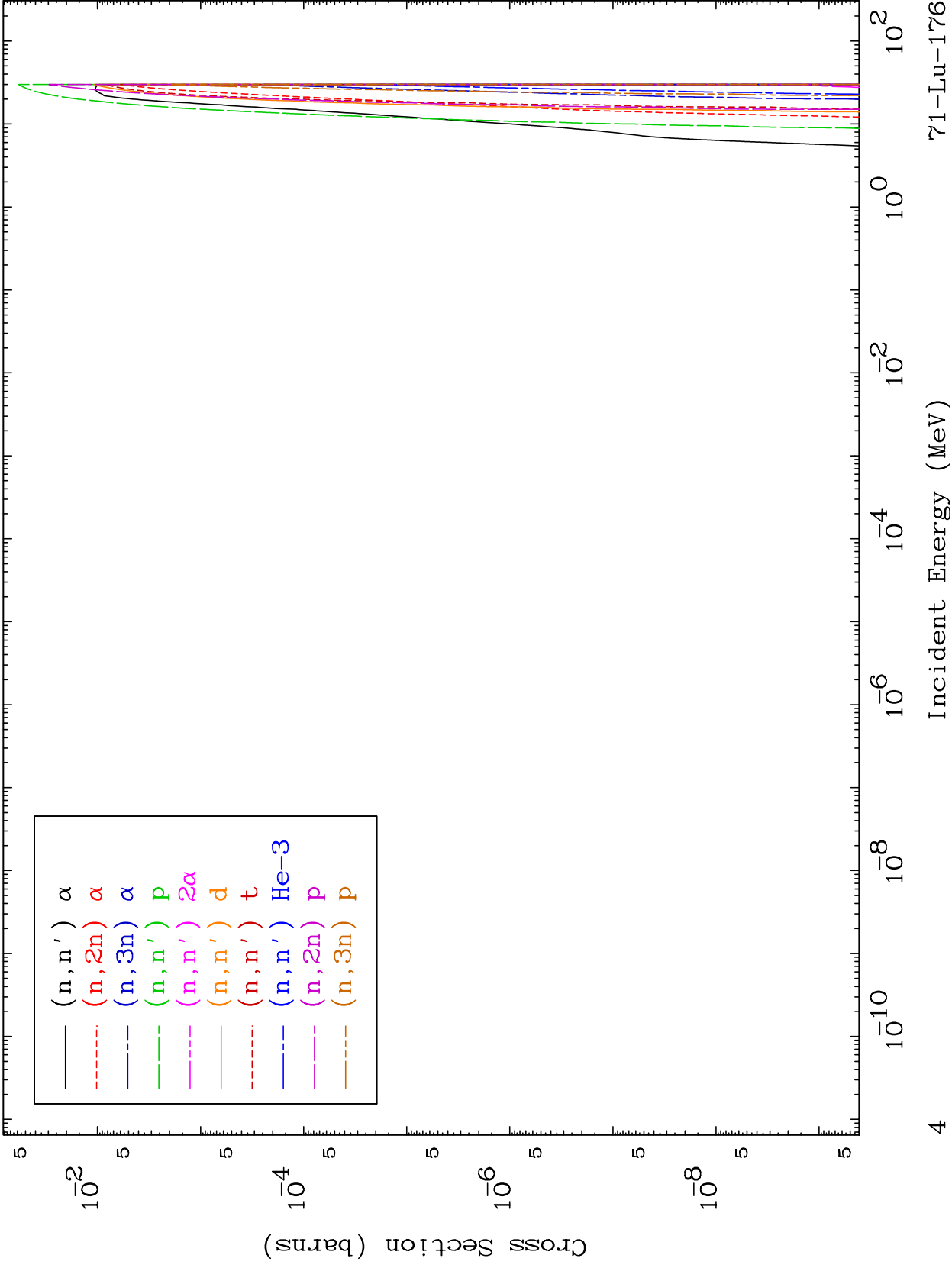


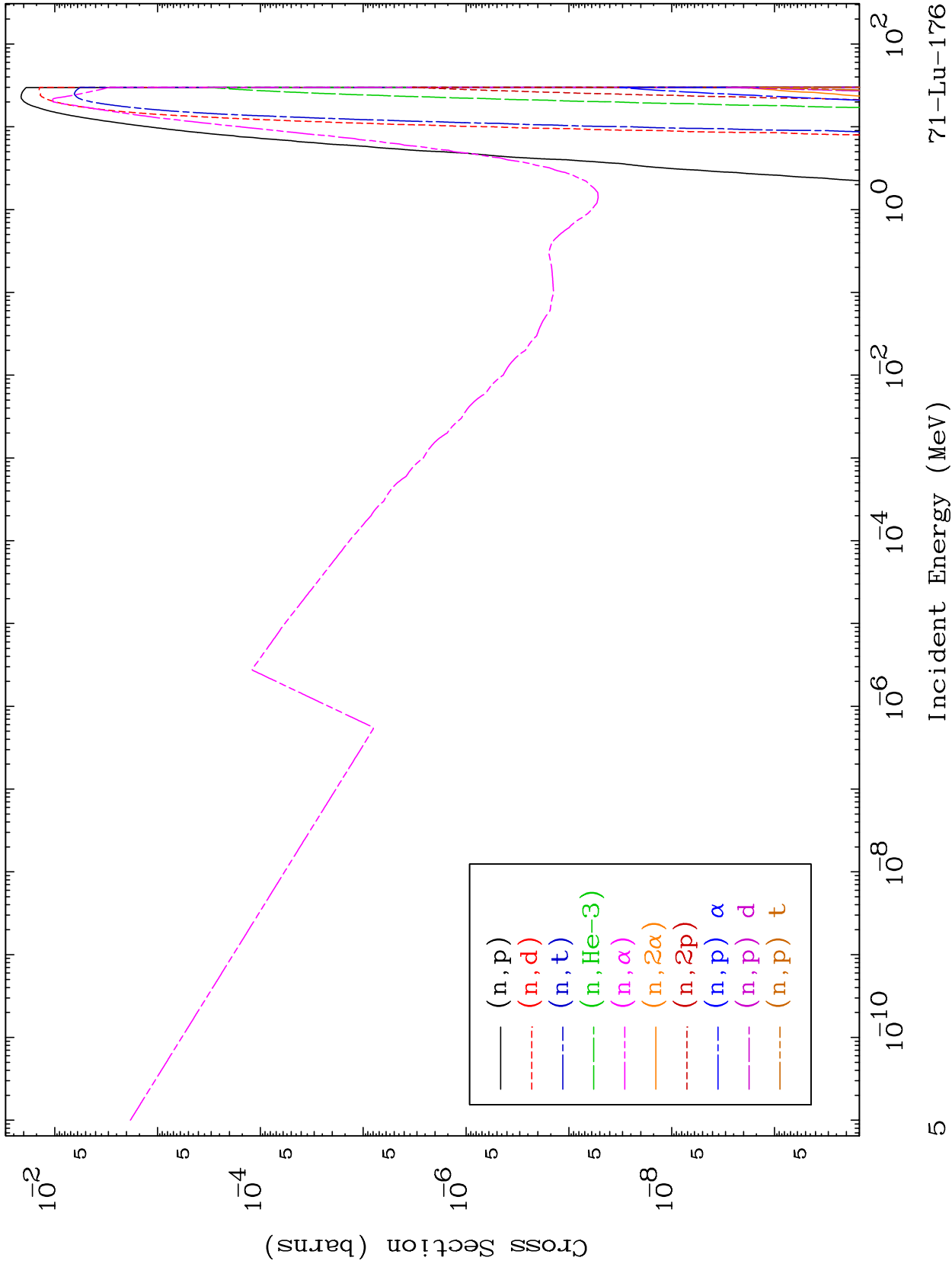


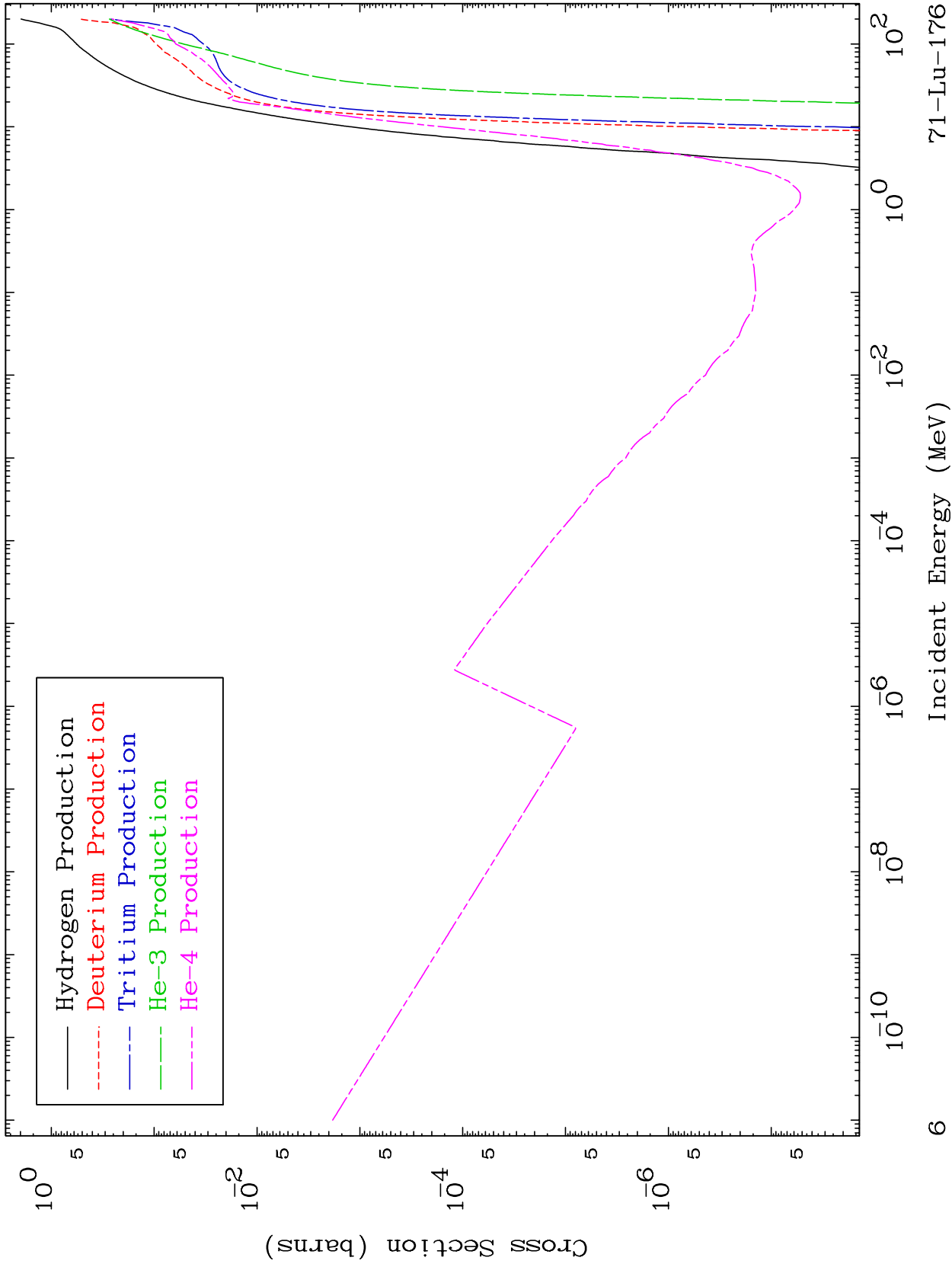
MAT 7128

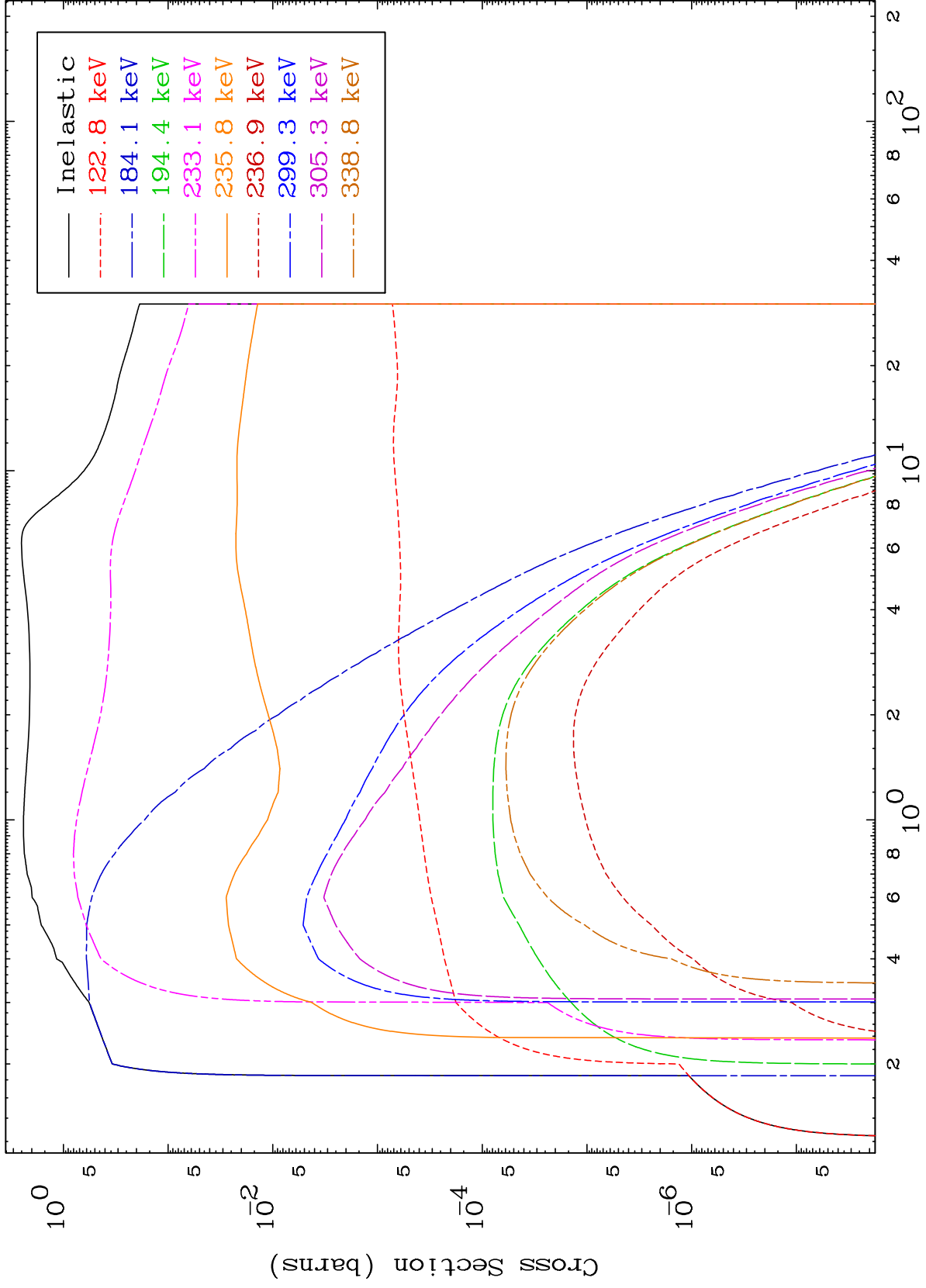
Charged Particle
293 Kelvin Cross Sections

71-Lu-176





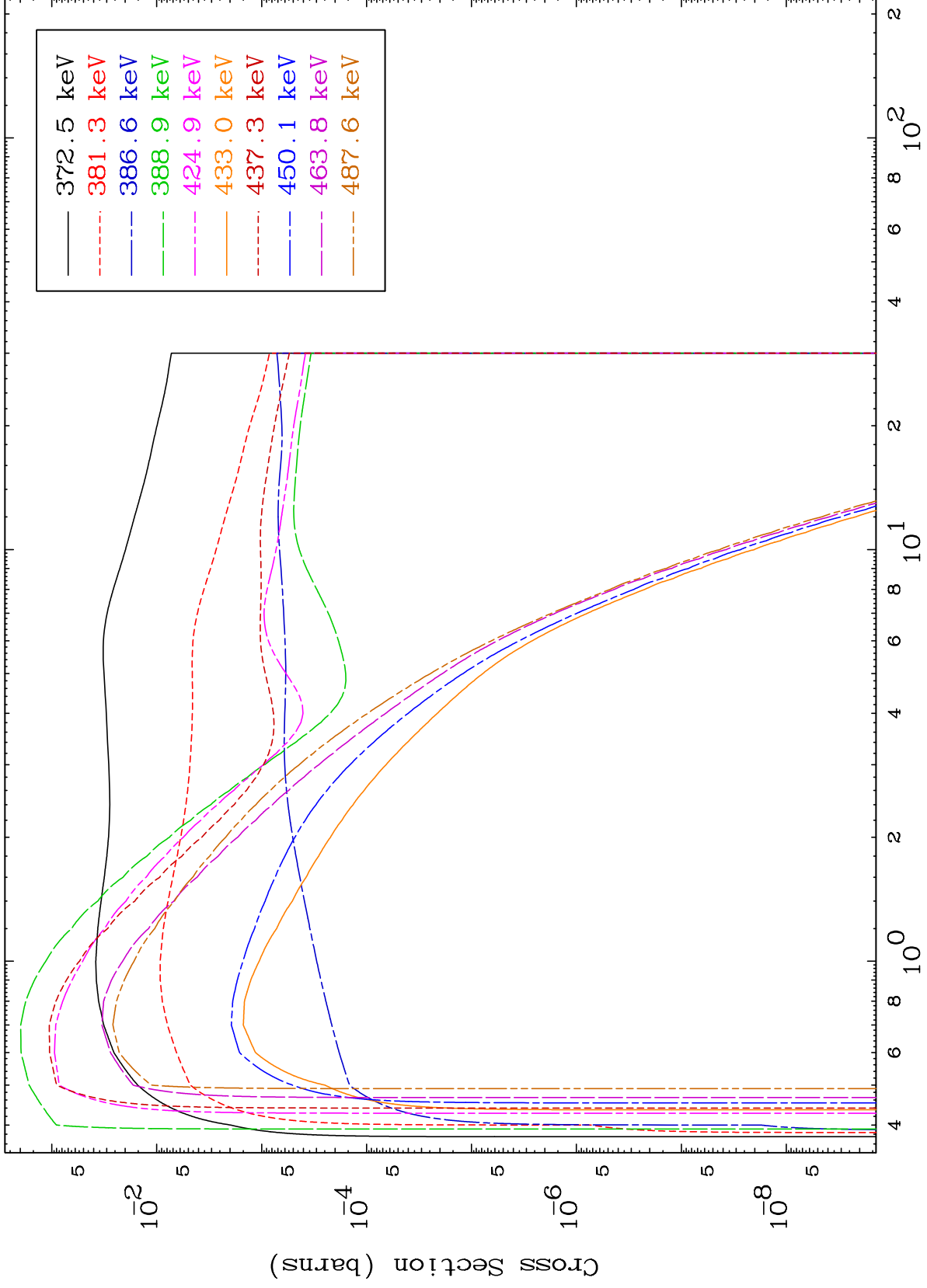




MAT 7128

(n,n') Level
293 Kelvin Cross Sections

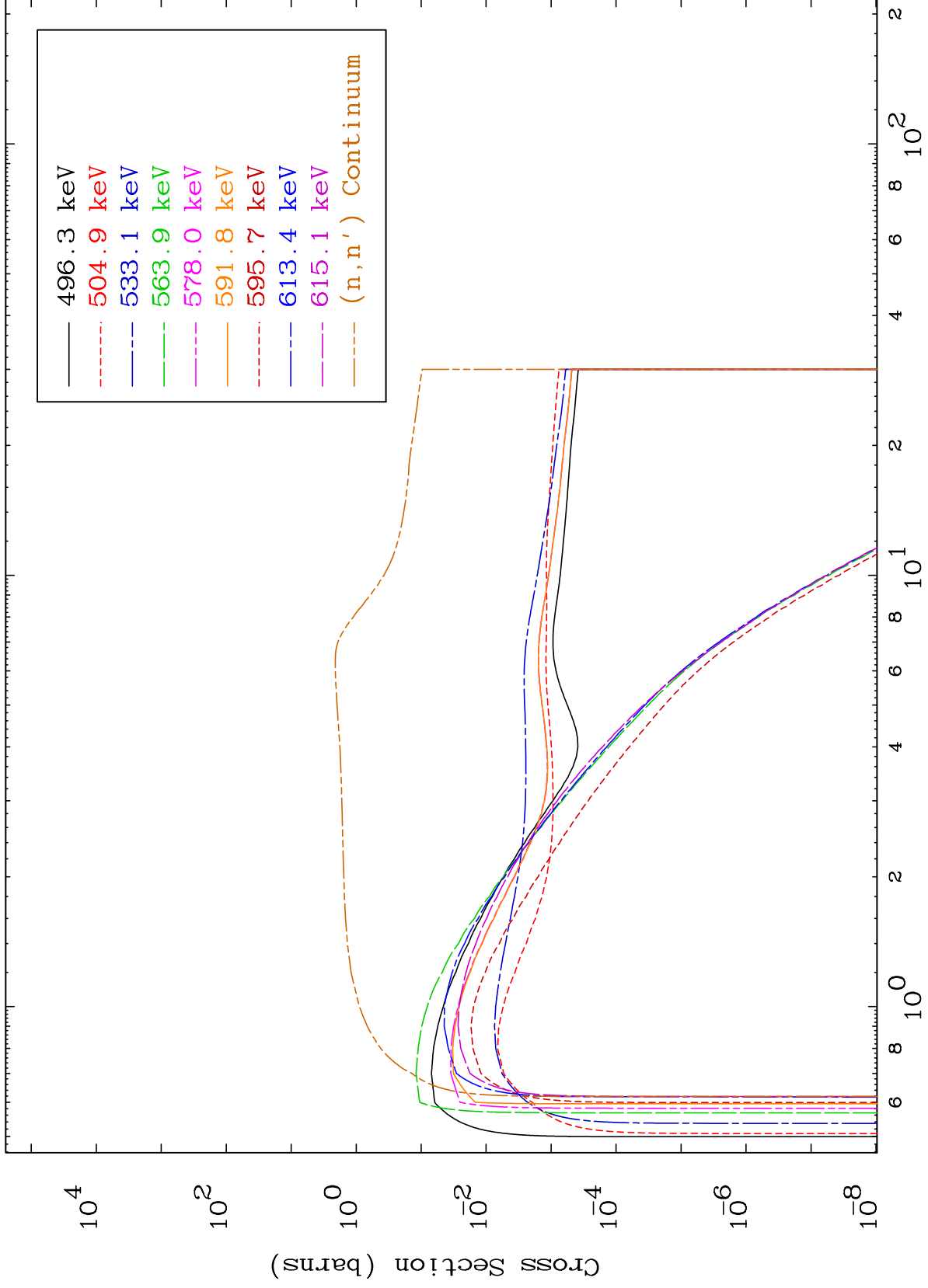
71-Lu-176



8

Incident Energy (MeV)

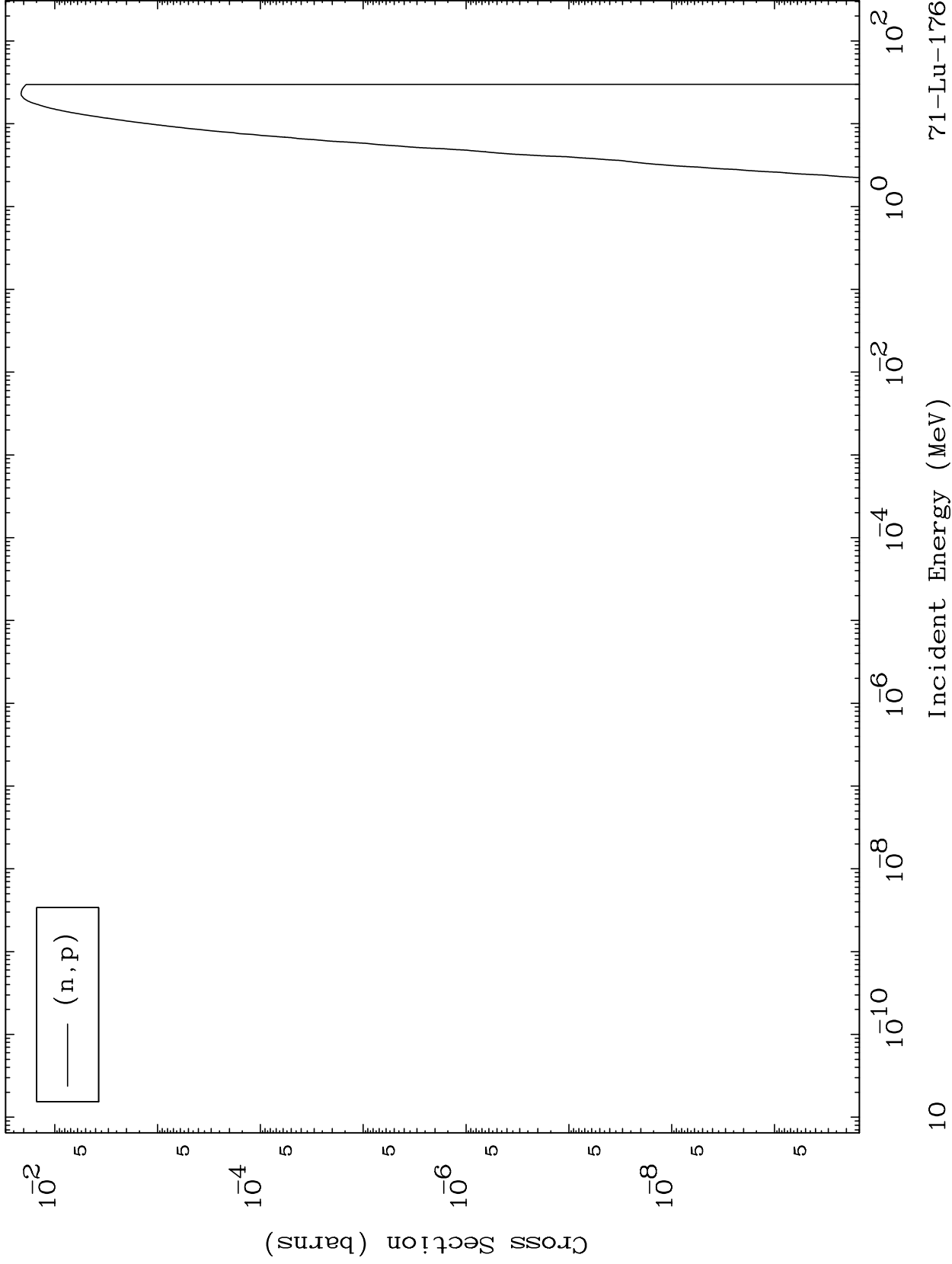
71-Lu-176



MAT 7128

(n,p) Levels
293 Kelvin Cross Sections

71-Lu-176



10

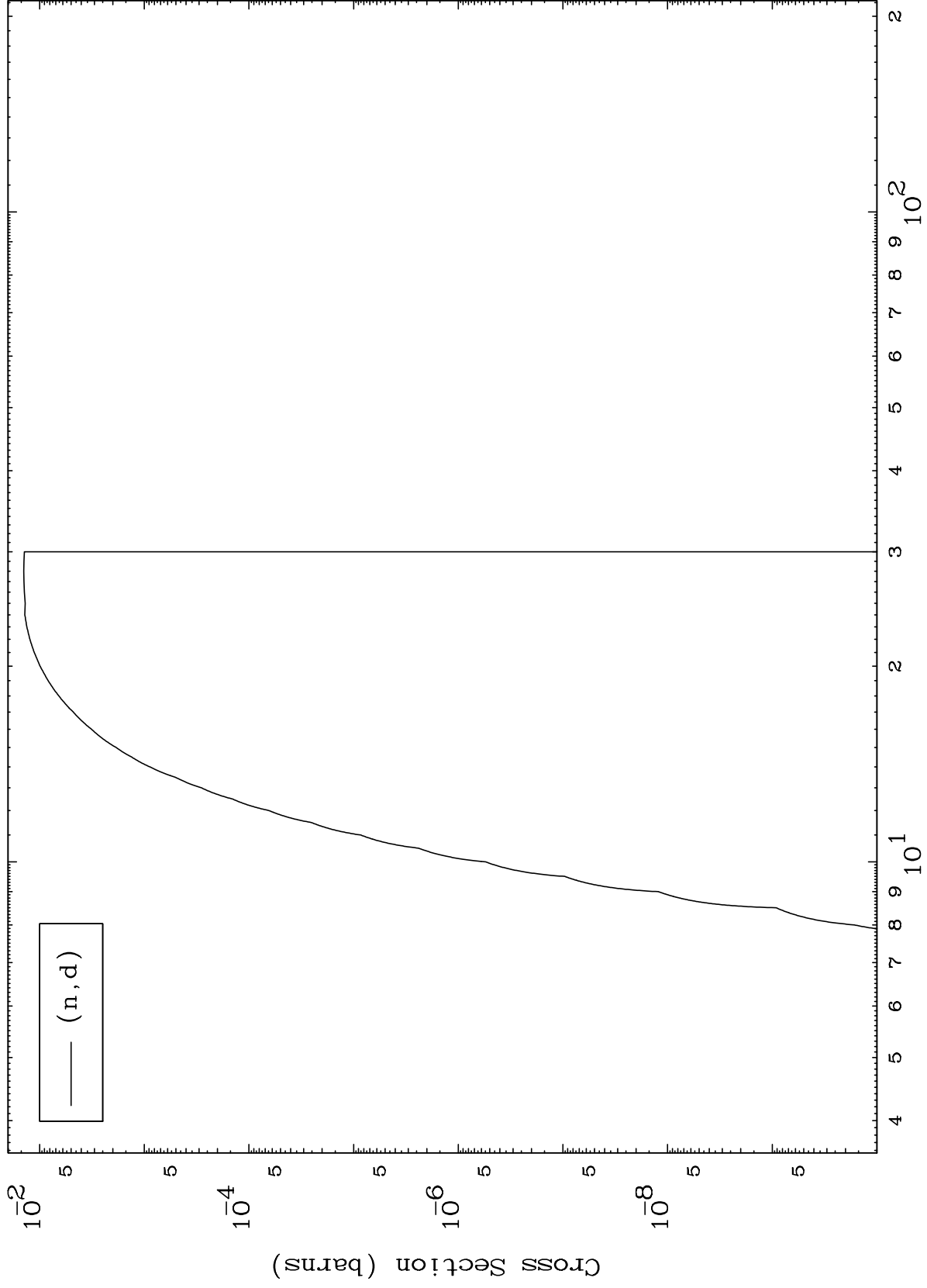
Incident Energy (MeV)

71-Lu-176

MAT 7128

(n,d) Levels
293 Kelvin Cross Sections

71-Lu-176



11

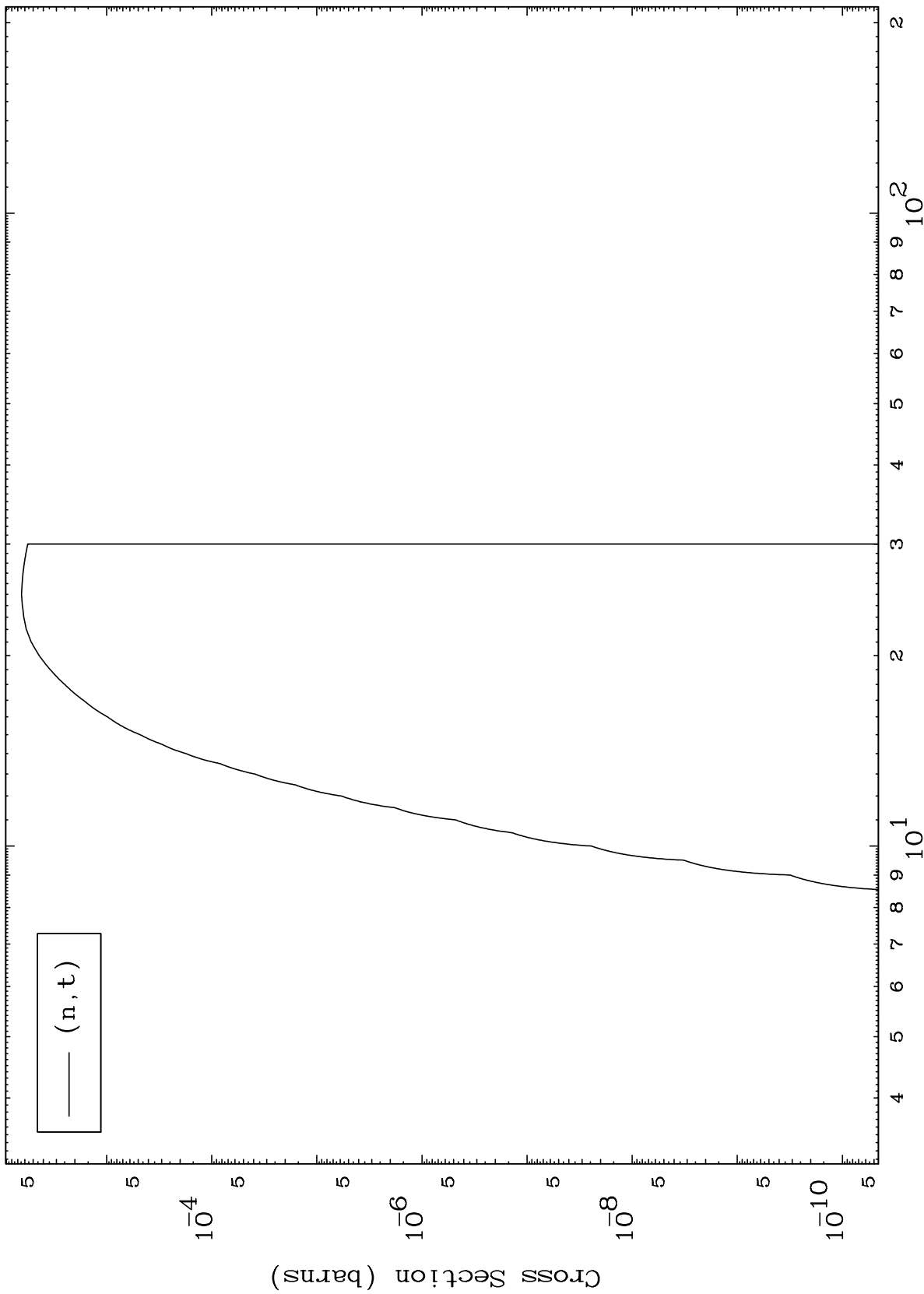
Incident Energy (MeV)

71-Lu-176

MAT 7128

(n,t) Levels
293 Kelvin Cross Sections

71-Lu-176



12

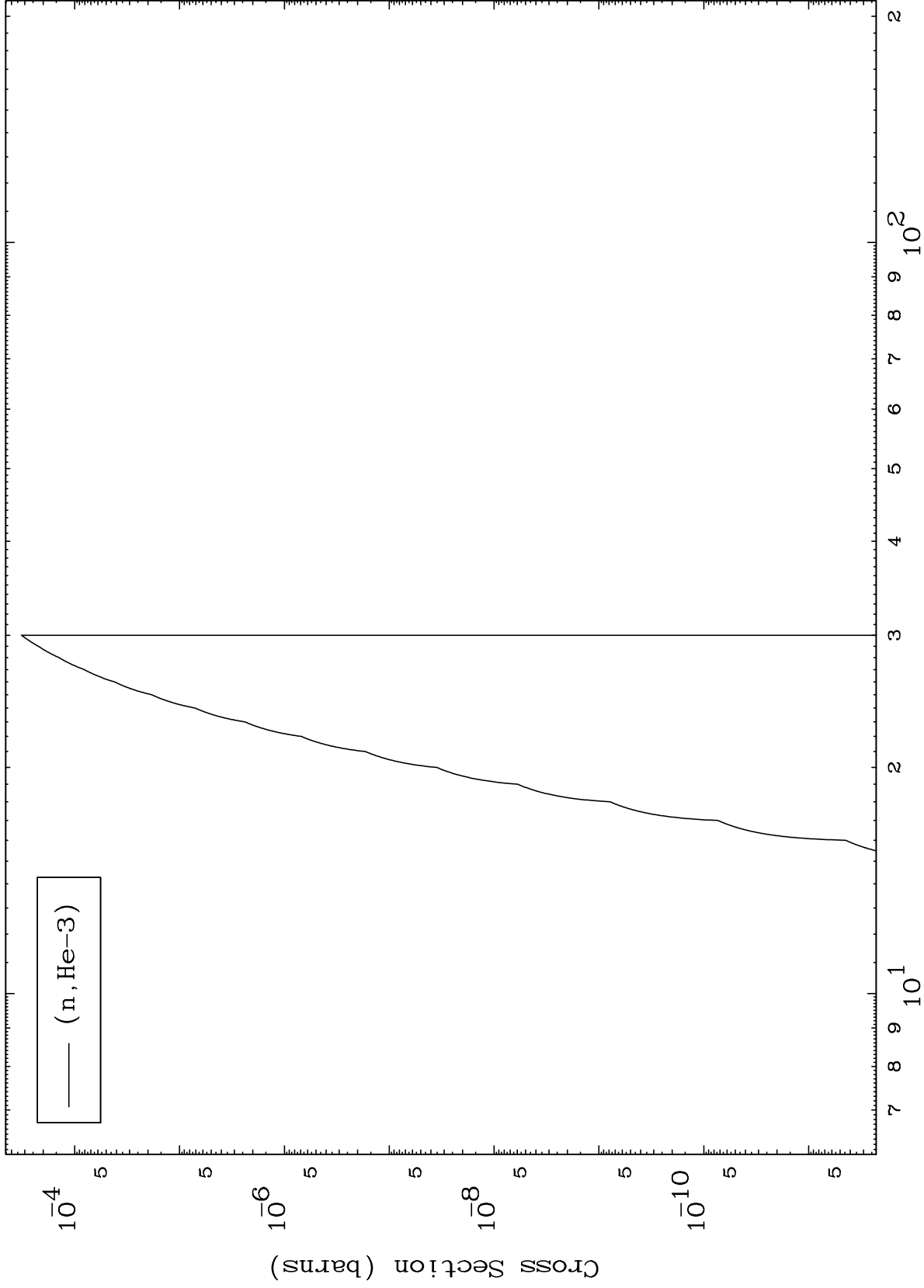
Incident Energy (MeV)

71-Lu-176

MAT 7128

(n,He3) Levels
293 Kelvin Cross Sections

71-Lu-176



13

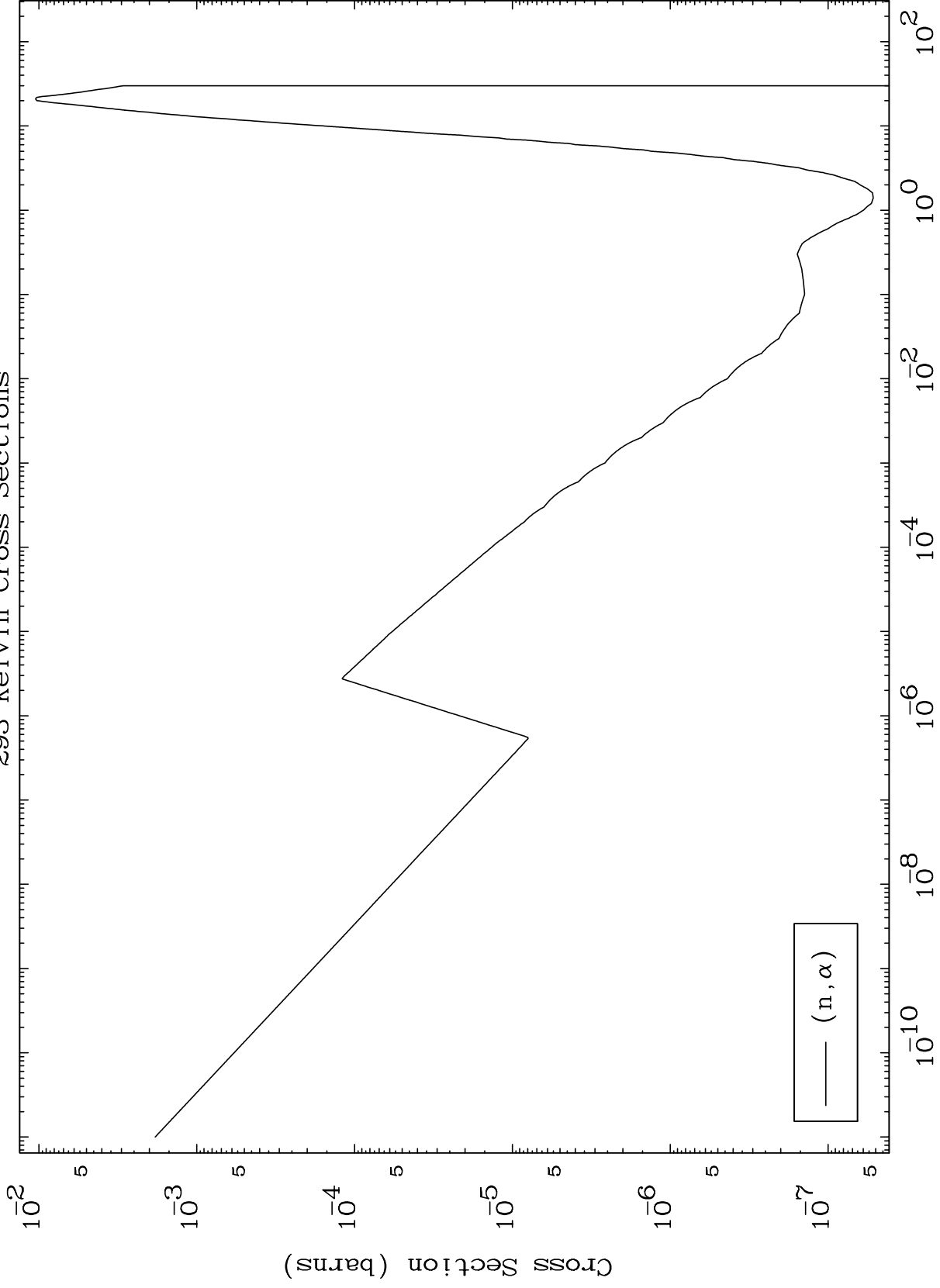
Incident Energy (MeV)

71-Lu-176

MAT 7128

(n,α) Levels
293 Kelvin Cross Sections

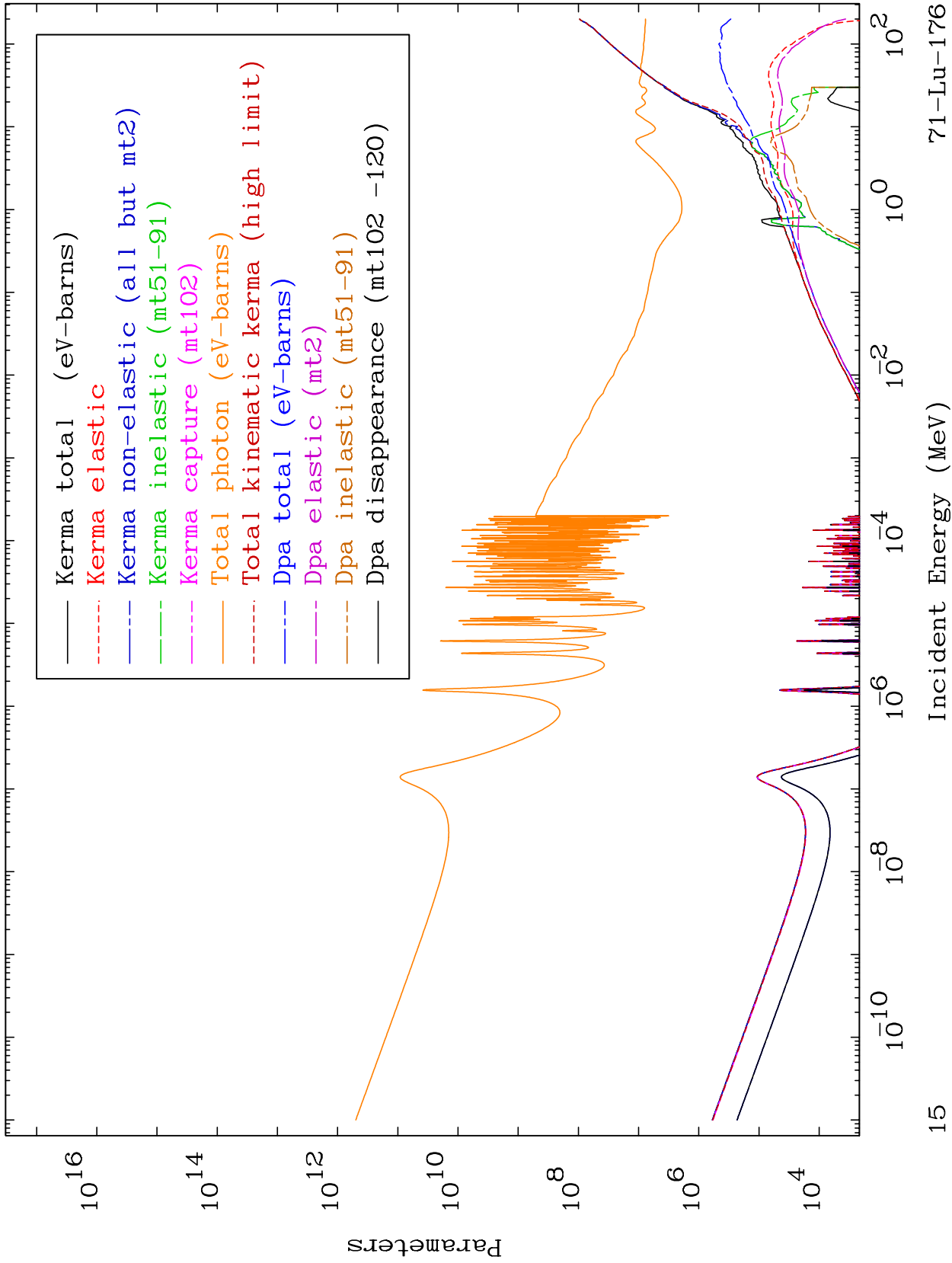
71-Lu-176

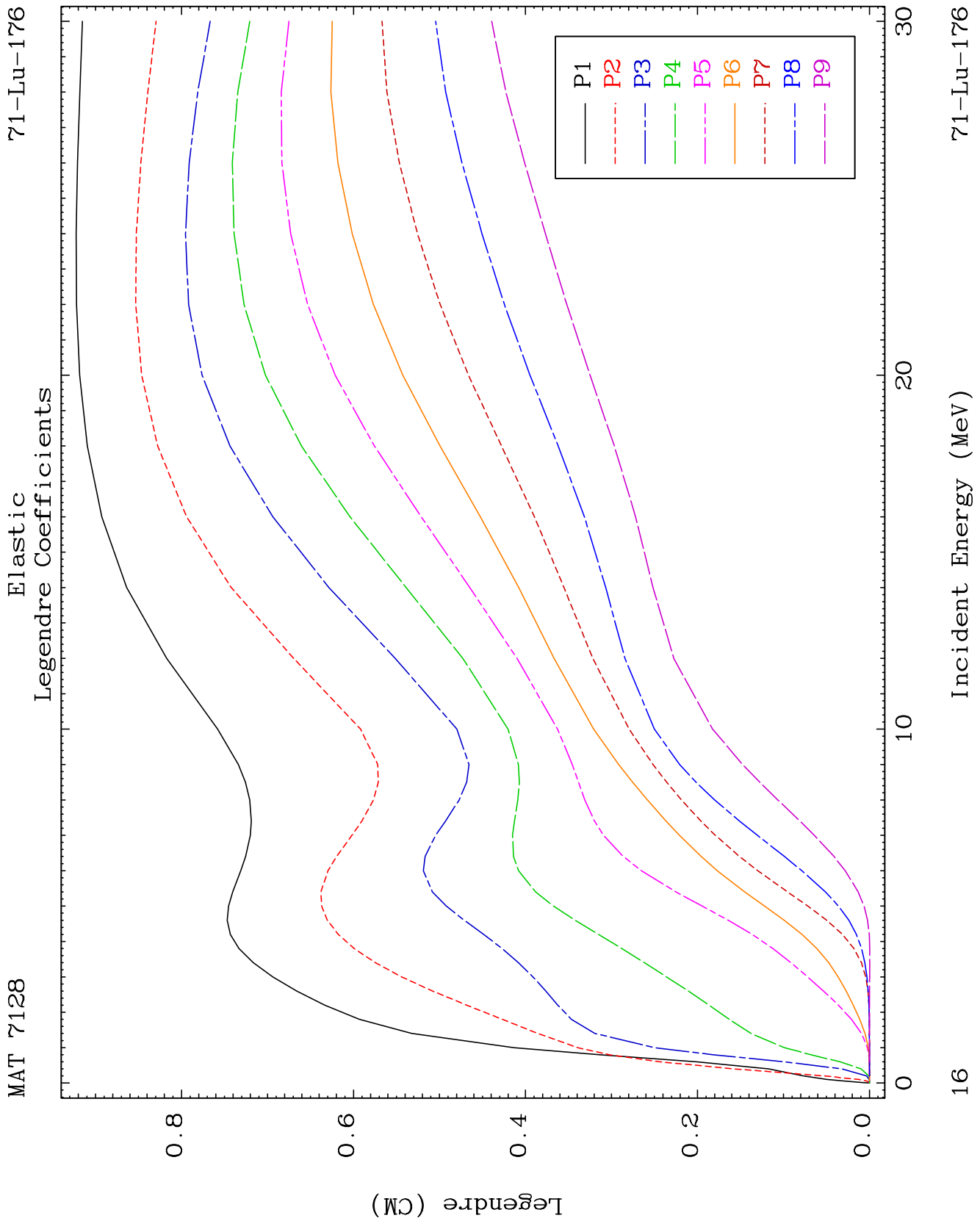


14

Incident Energy (MeV)

71-Lu-176

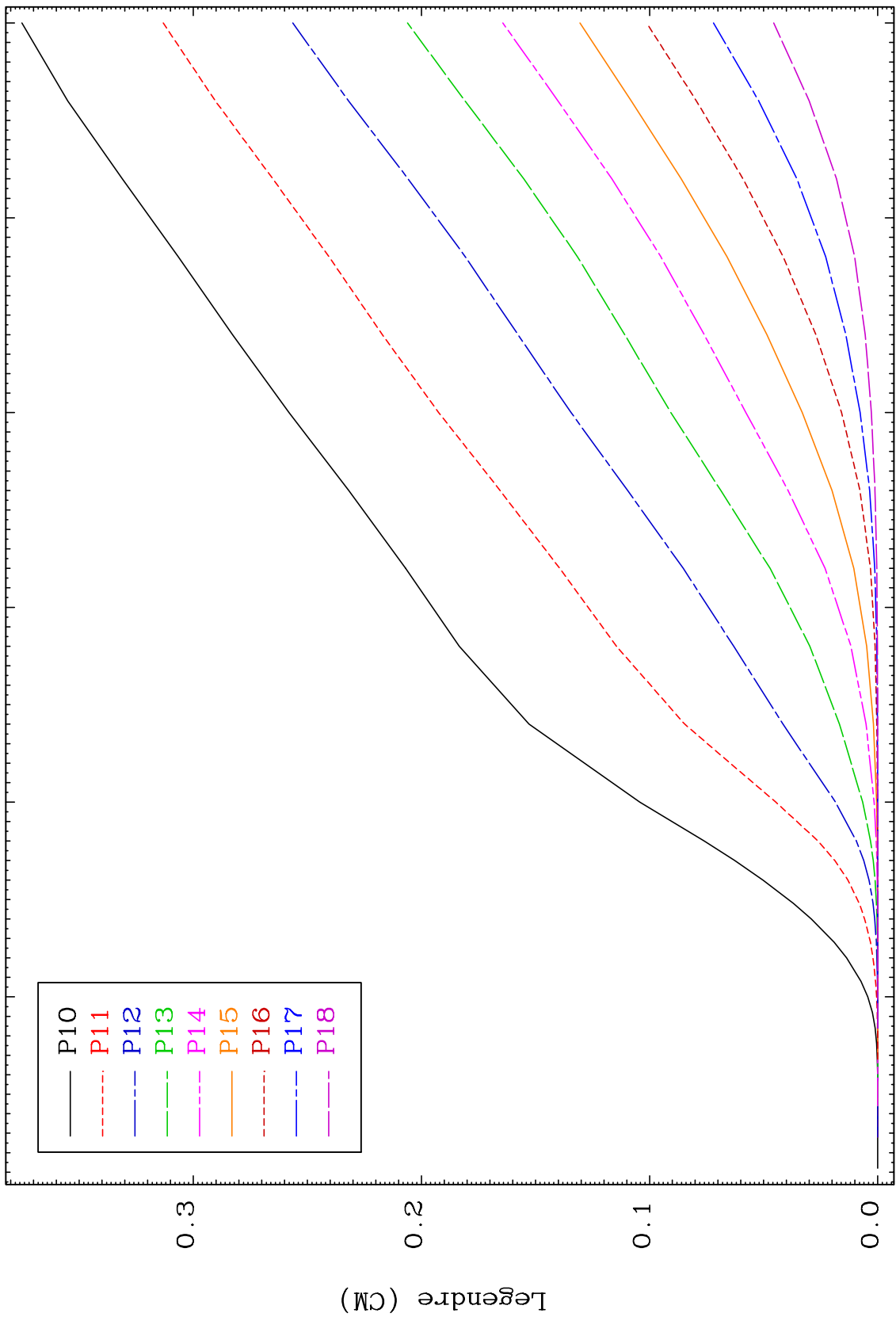




MAT 7128

Elastic Legendre Coefficients

⁷¹Lu-176



17

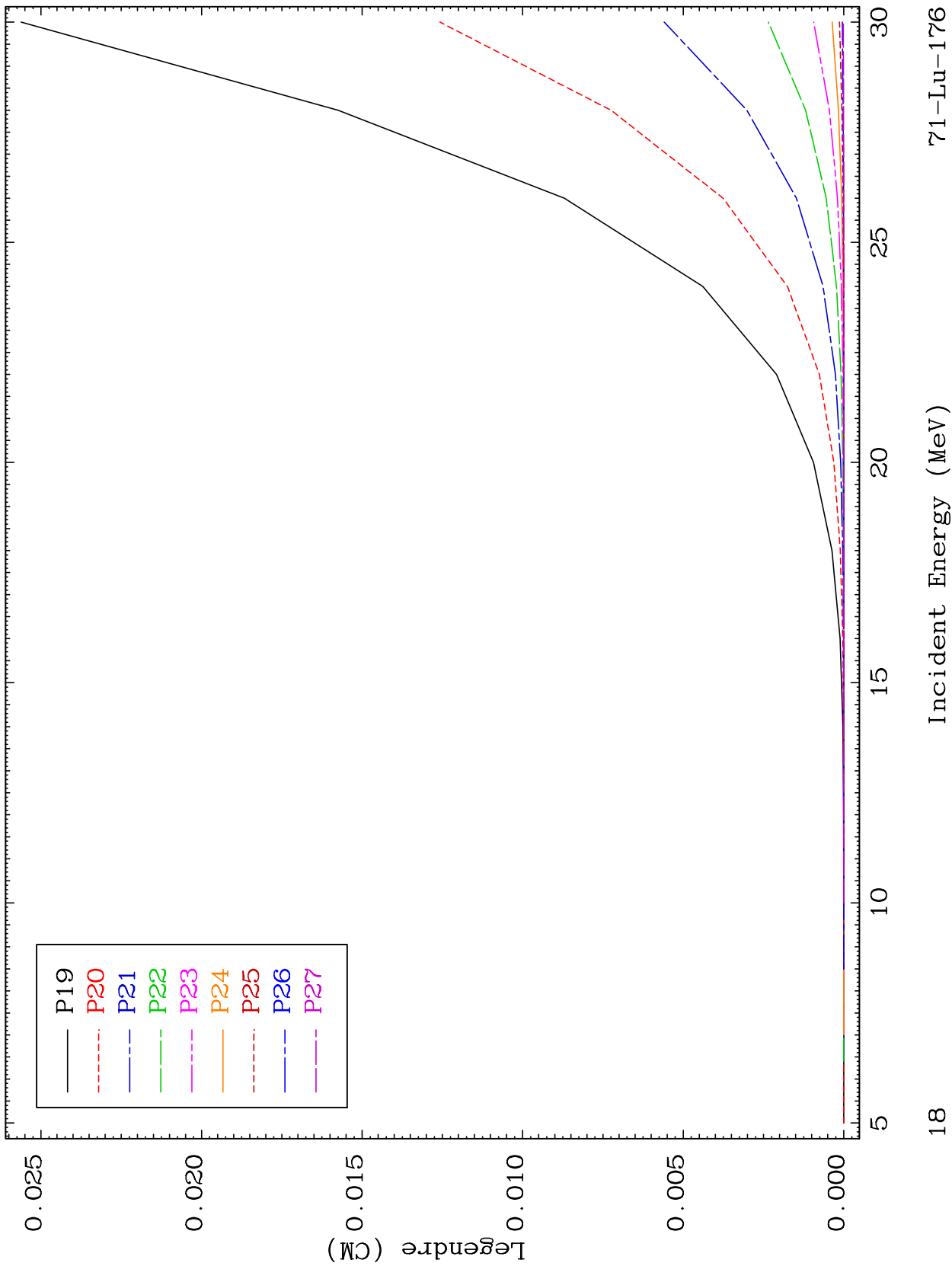
Incident Energy (MeV)

⁷¹Lu-176

MAT 7128

Elastic Legendre Coefficients

71-Lu-176



18

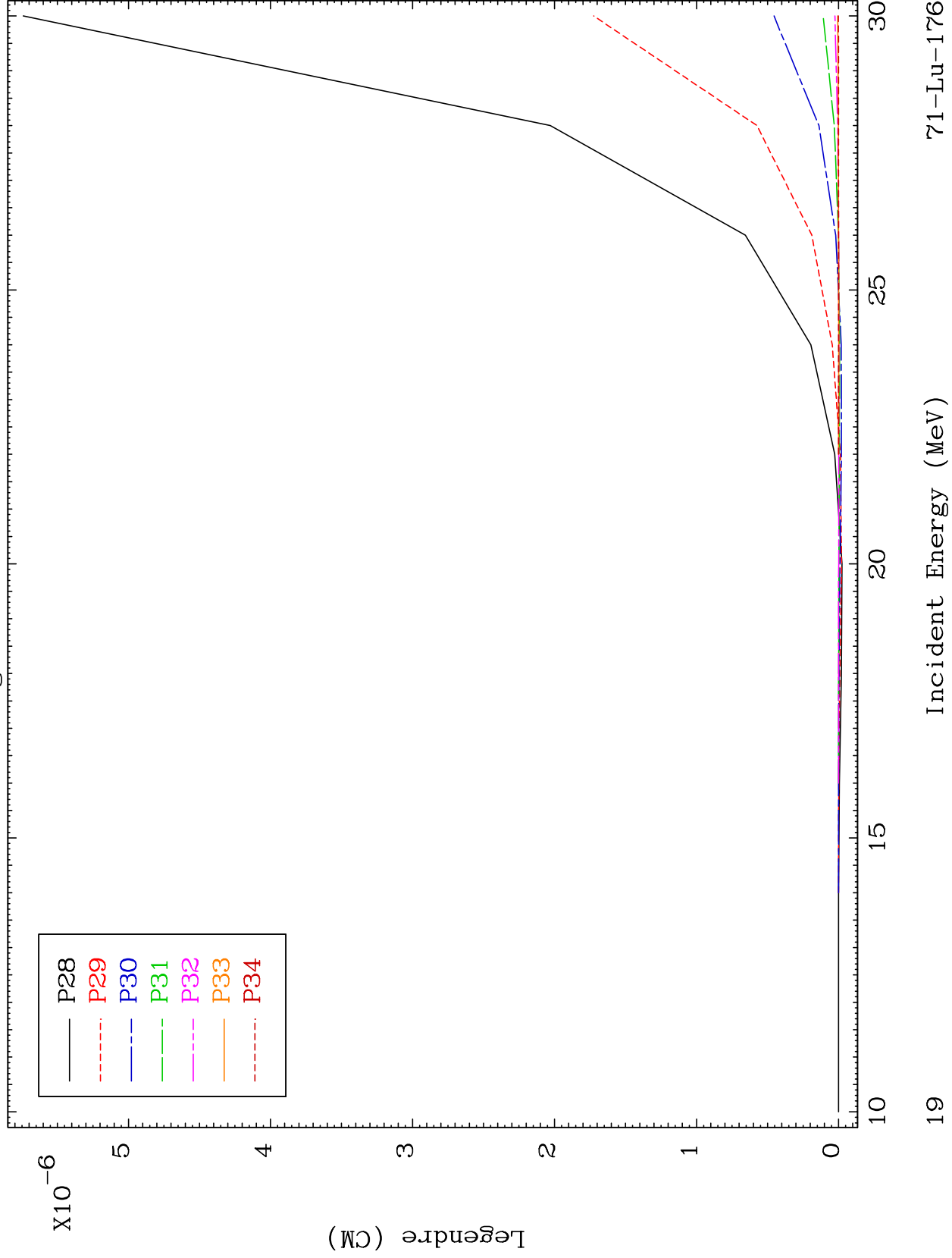
Incident Energy (MeV)

71-Lu-176

MAT 7128

Elastic Legendre Coefficients

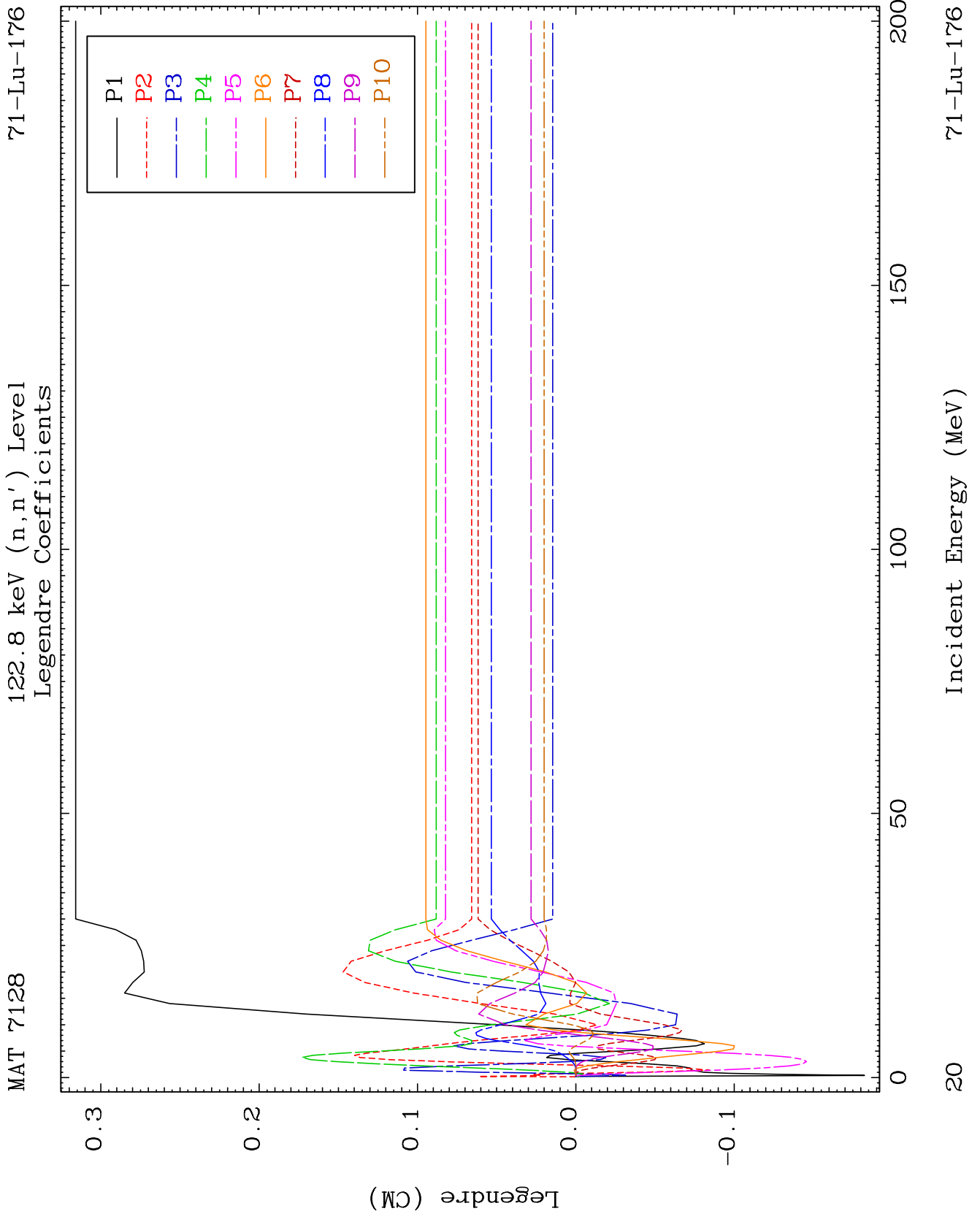
71-Lu-176



19

Incident Energy (MeV)

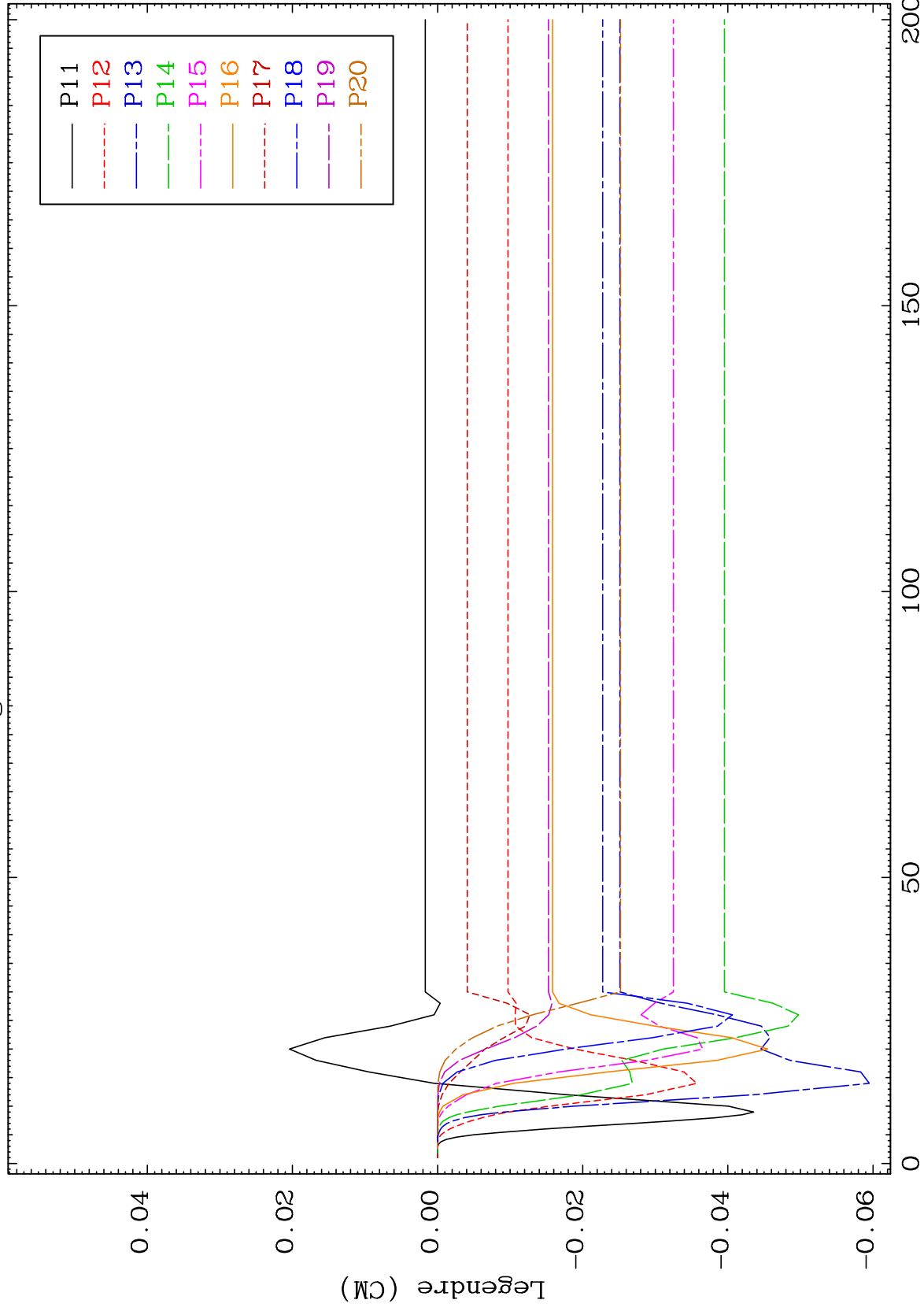
71-Lu-176



MAT 7128

122.8 keV (n,n') Level
Legendre Coefficients

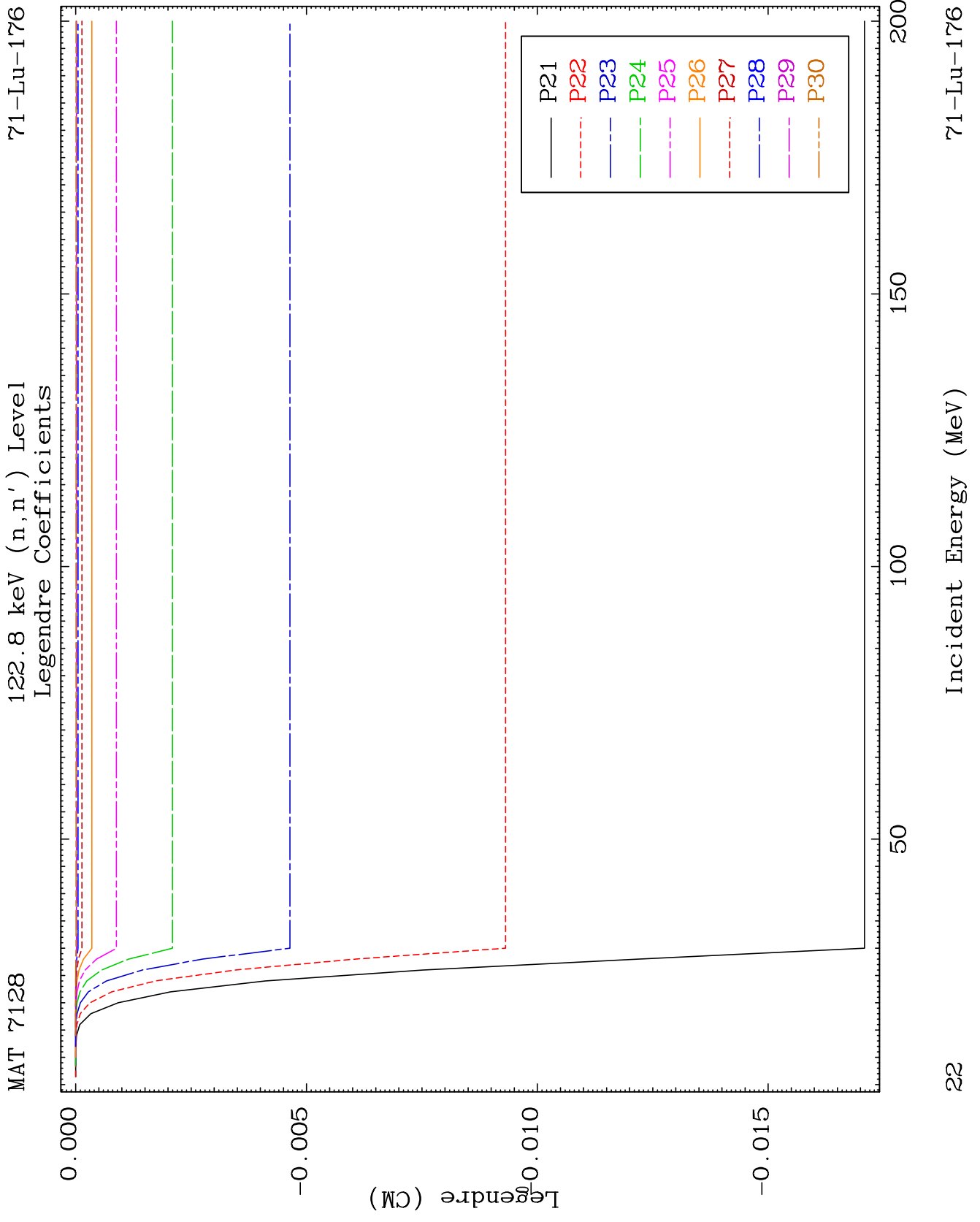
71-Lu-176

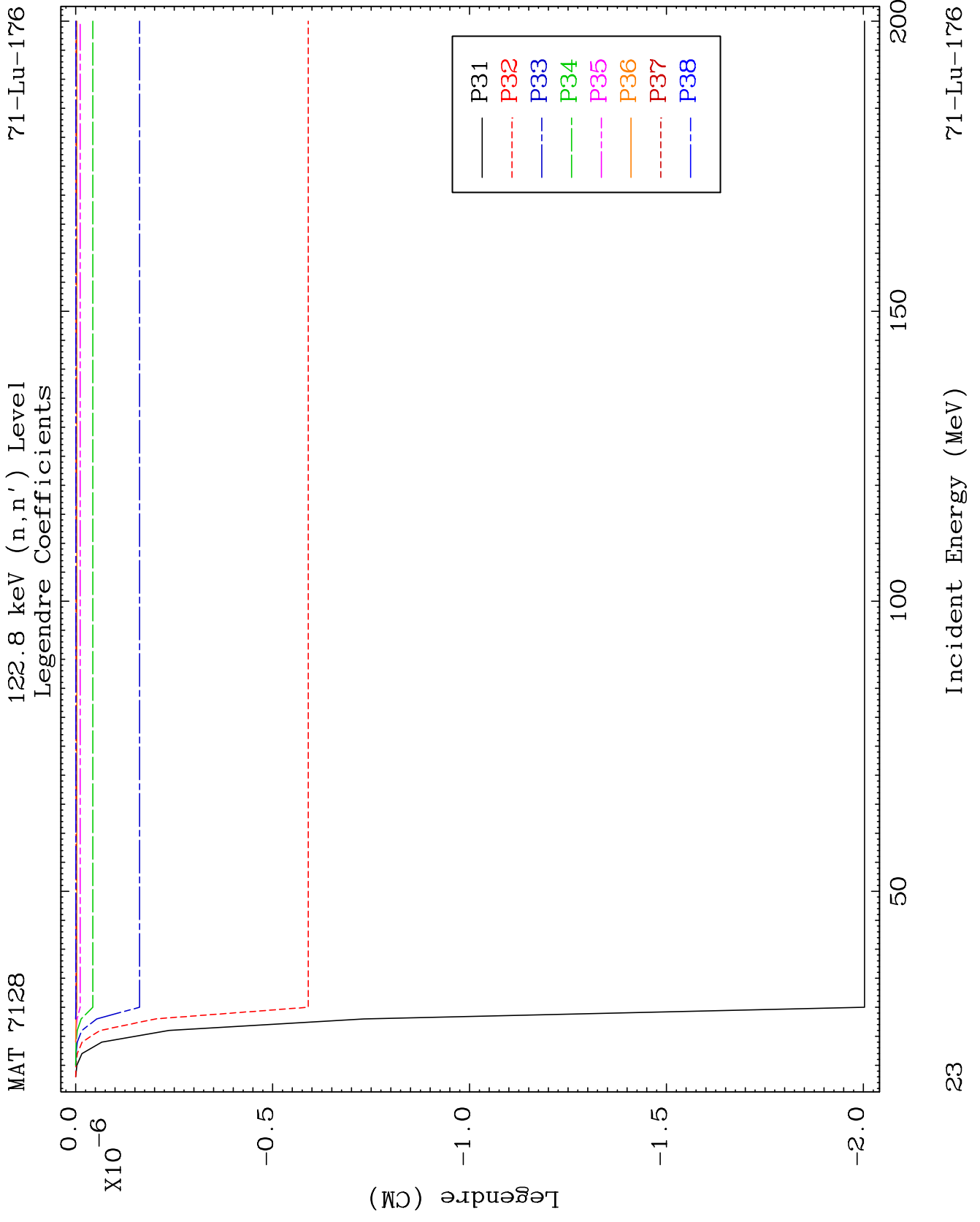


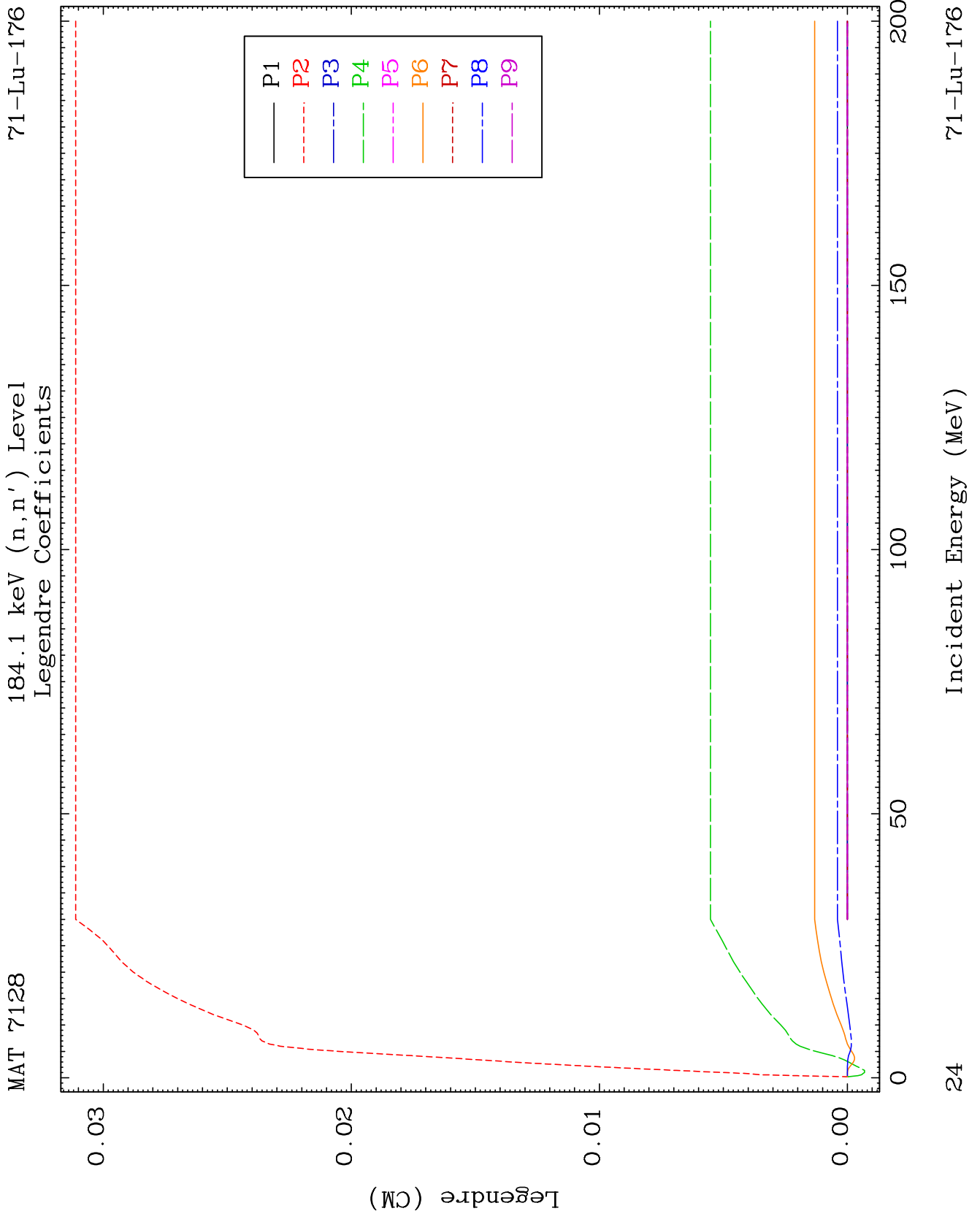
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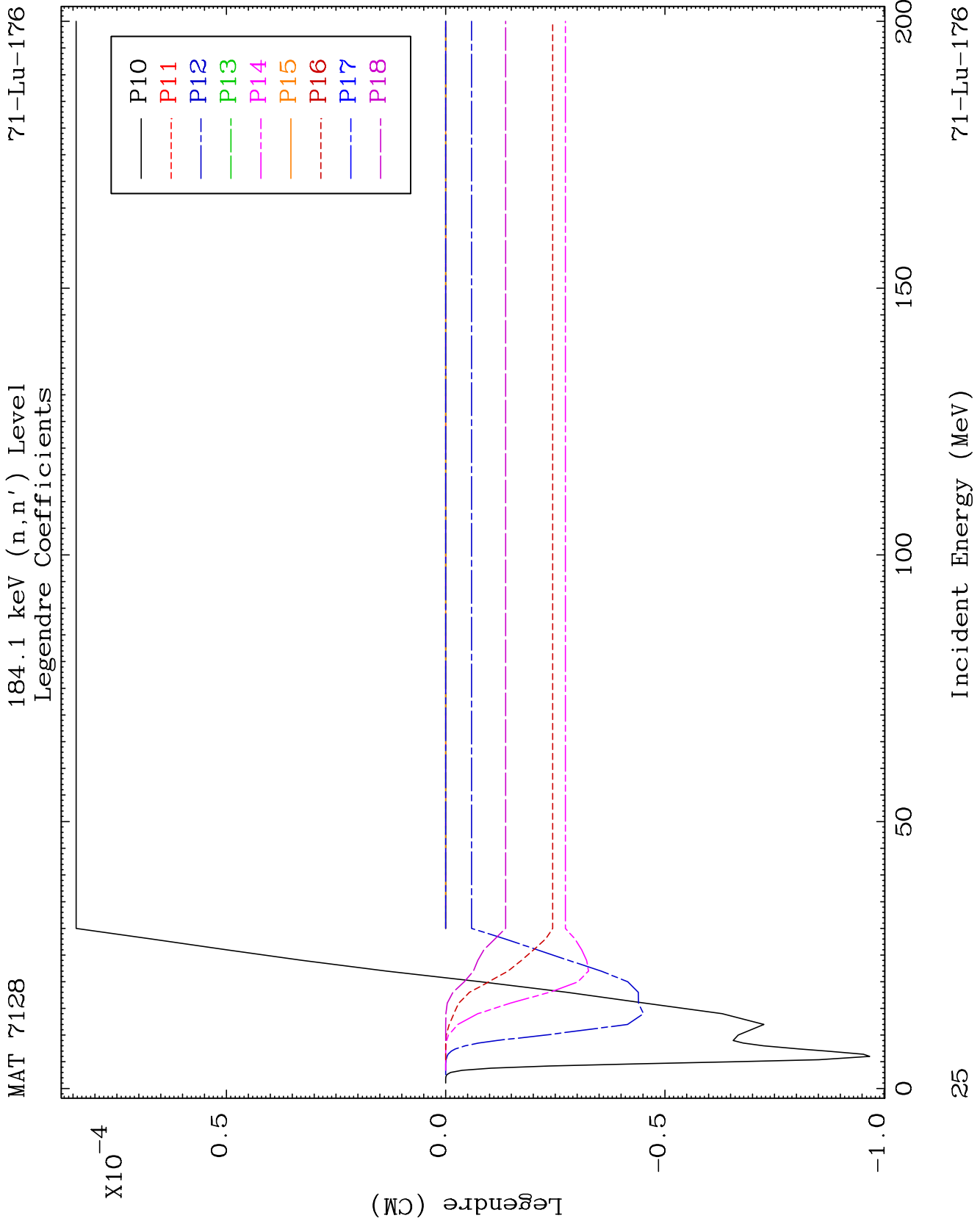
Incident Energy (MeV)

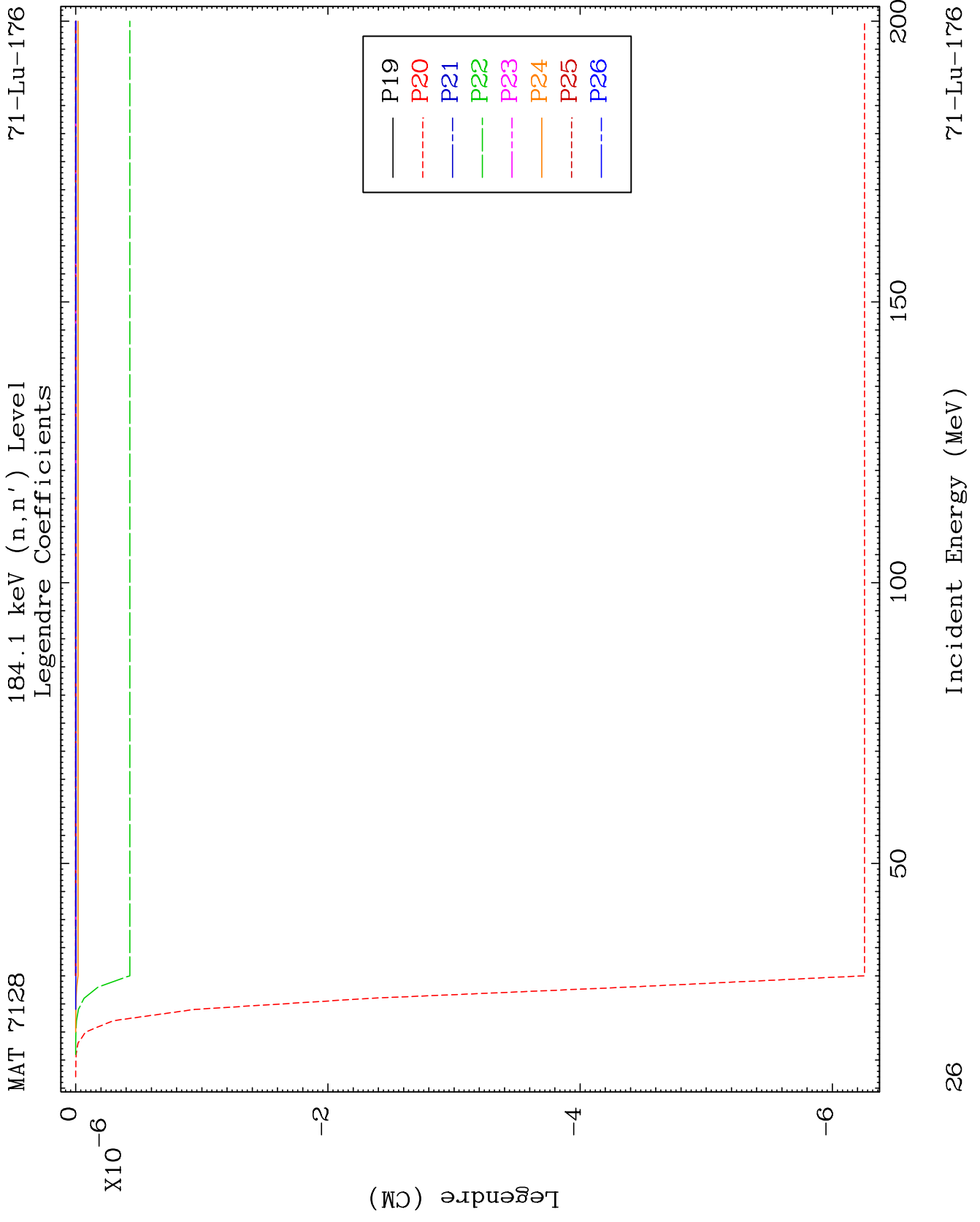
71-Lu-176

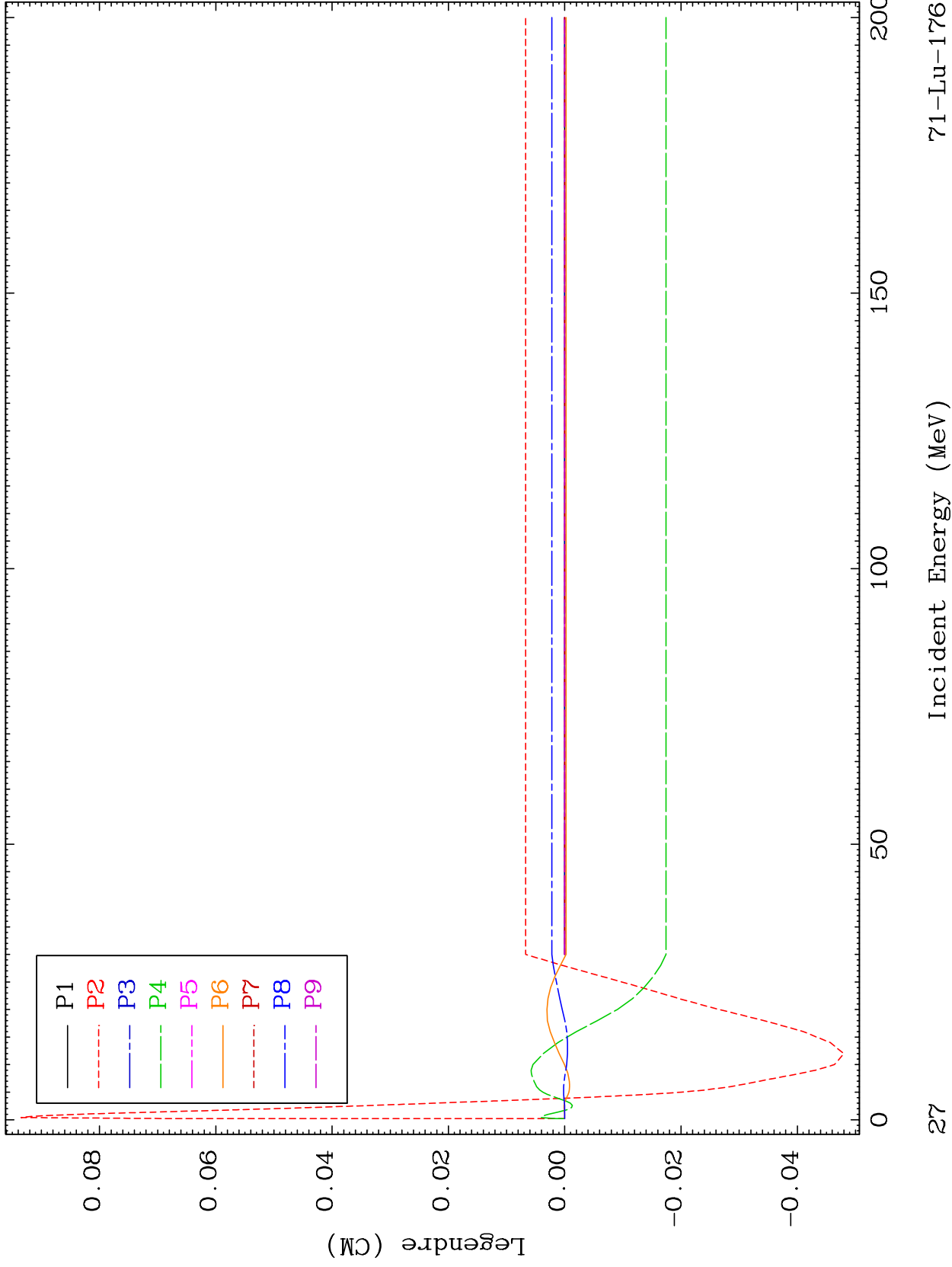








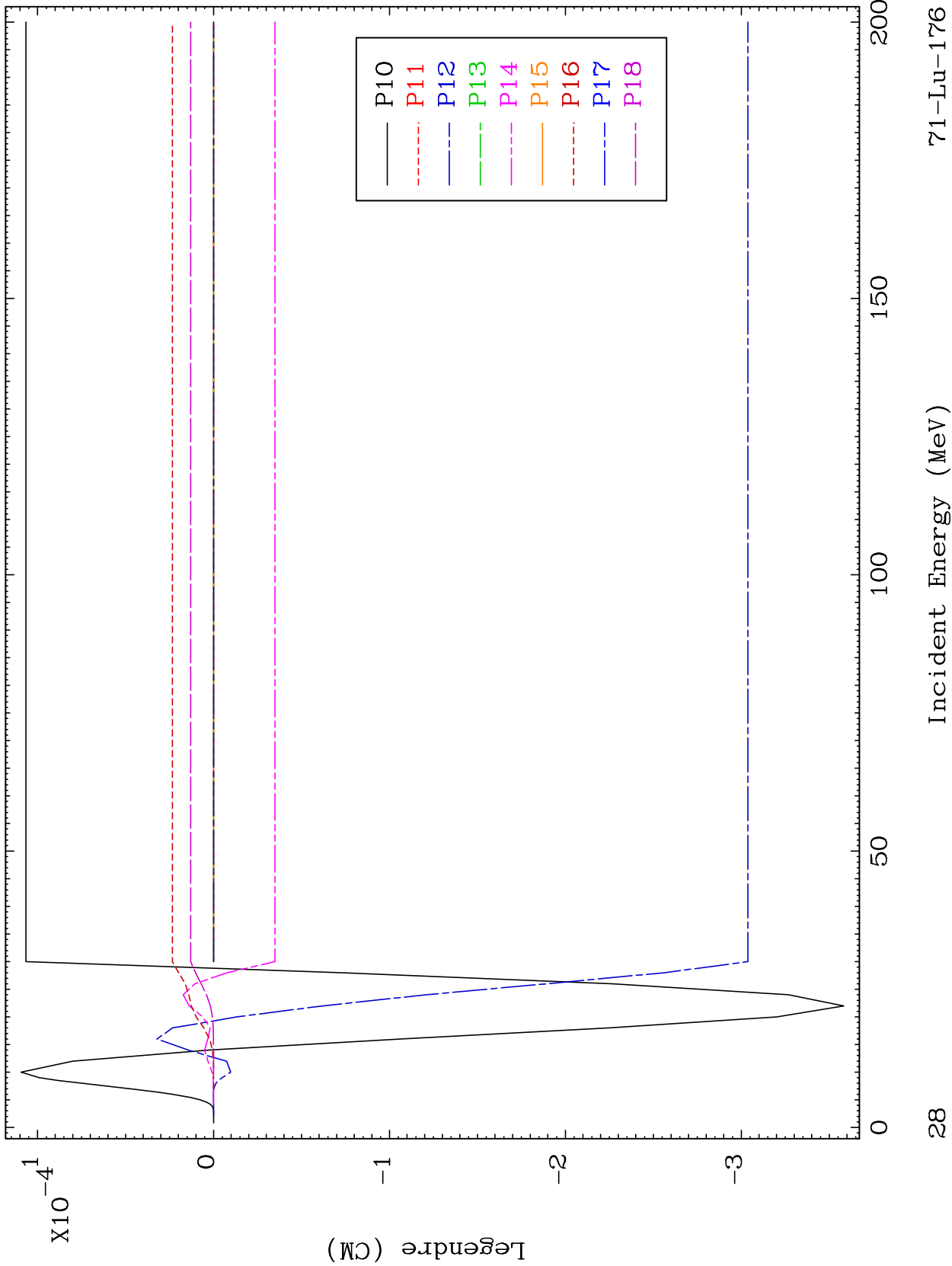




MAT 7128

194.4 keV (n,n') Level
Legendre Coefficients

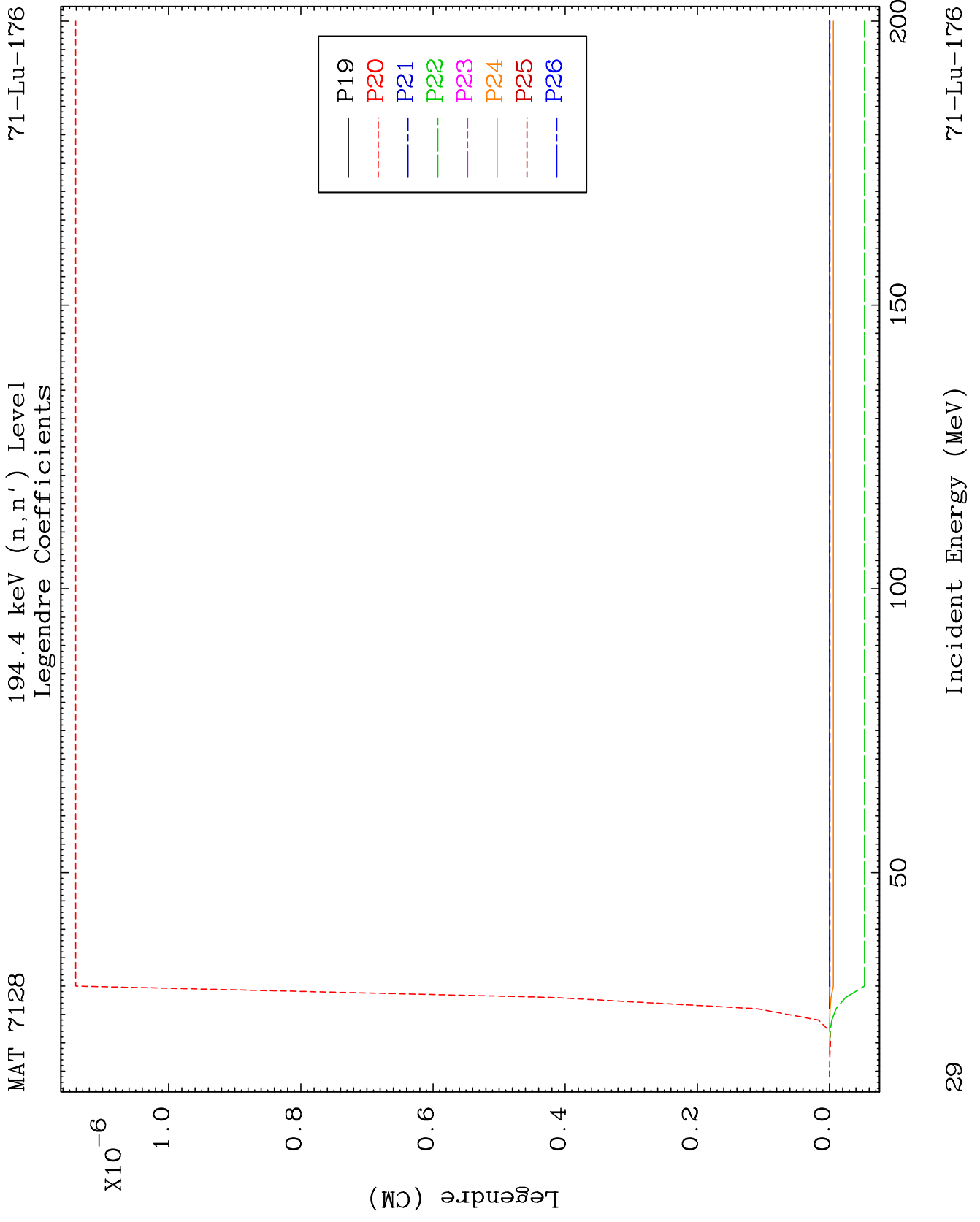
71-Lu-176



71-Lu-176

Incident Energy (MeV)

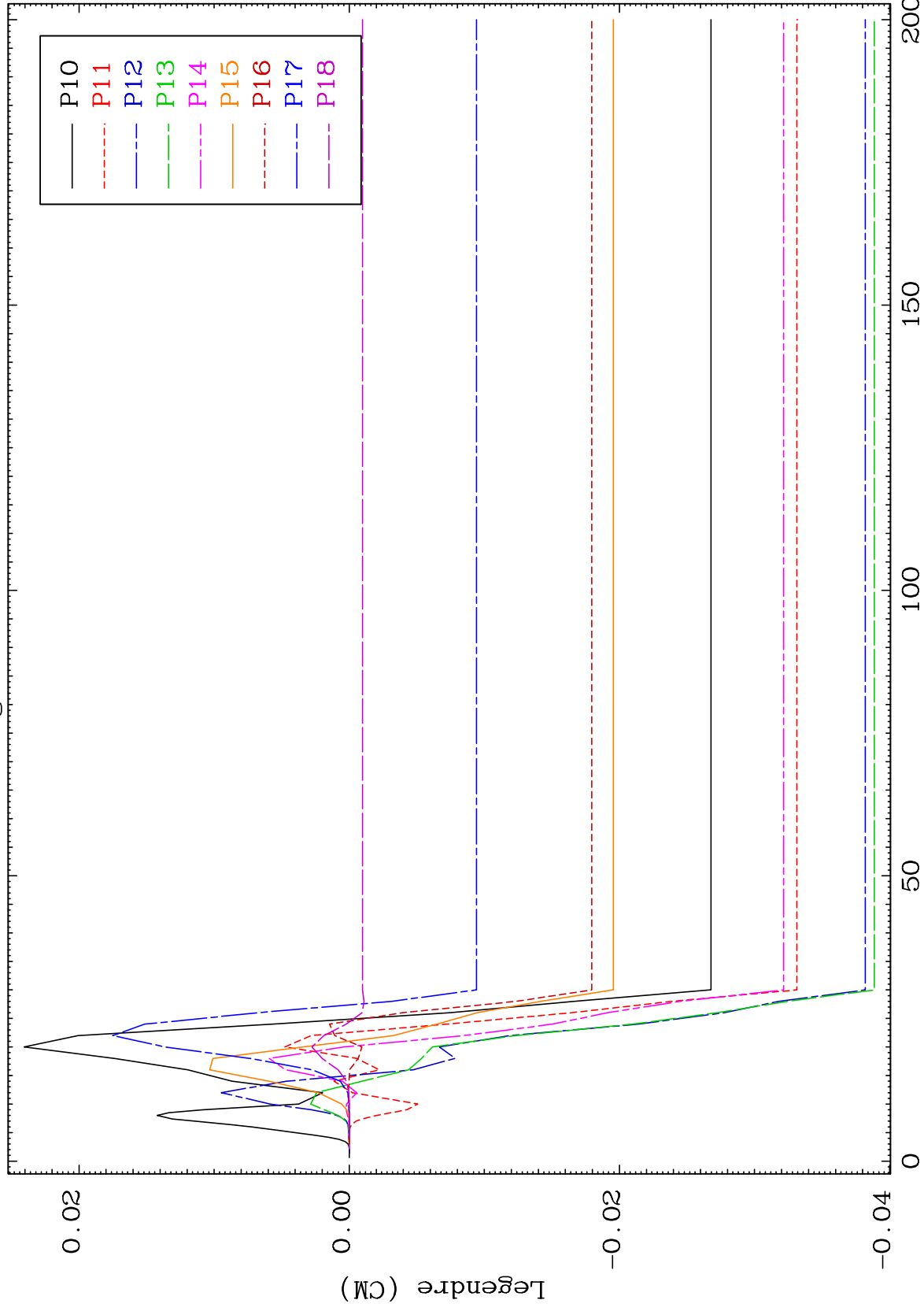
28



MAT 7128

233.1 keV (n,n') Level
Legendre Coefficients

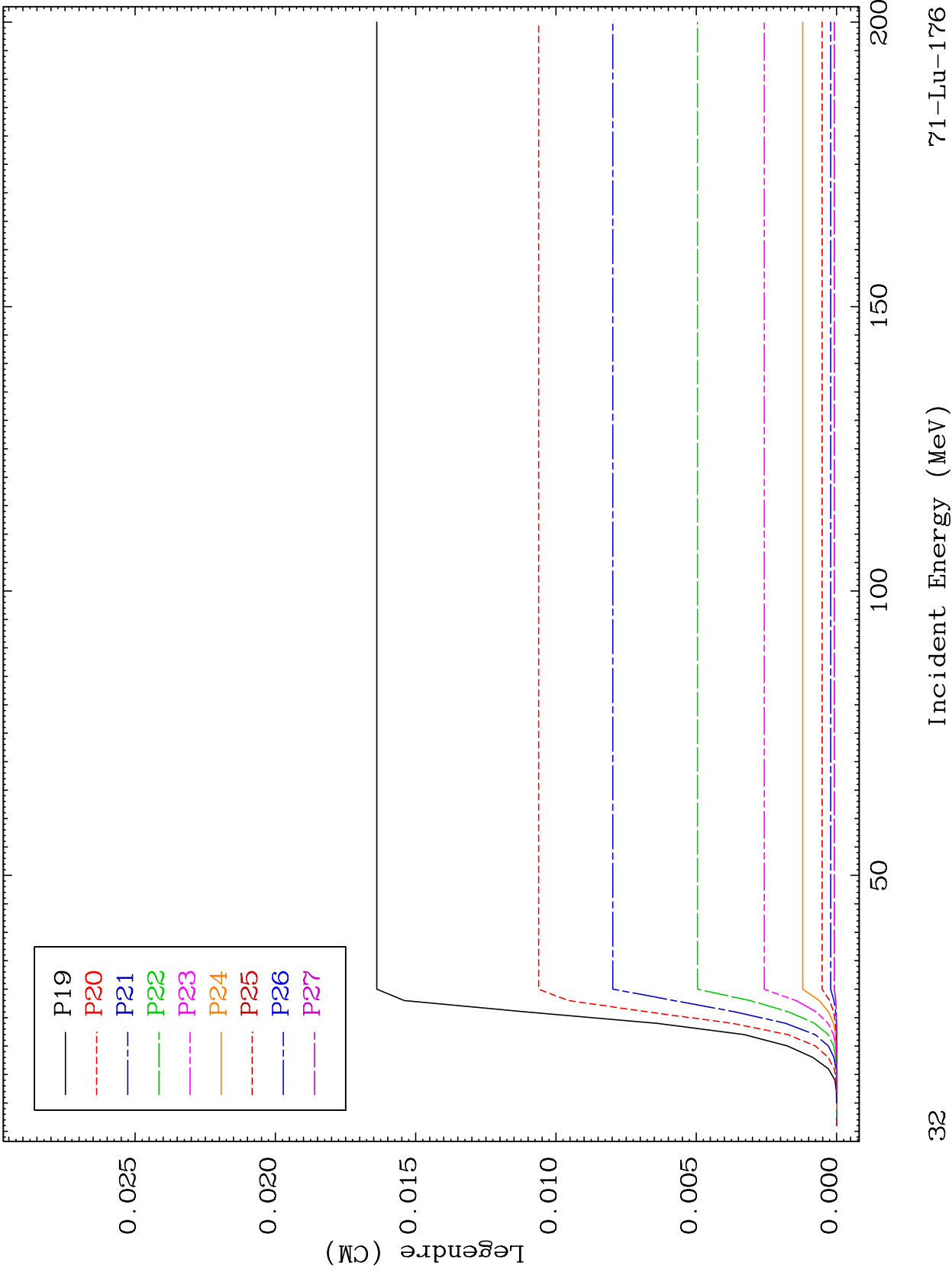
71-Lu-176



31

Incident Energy (MeV)

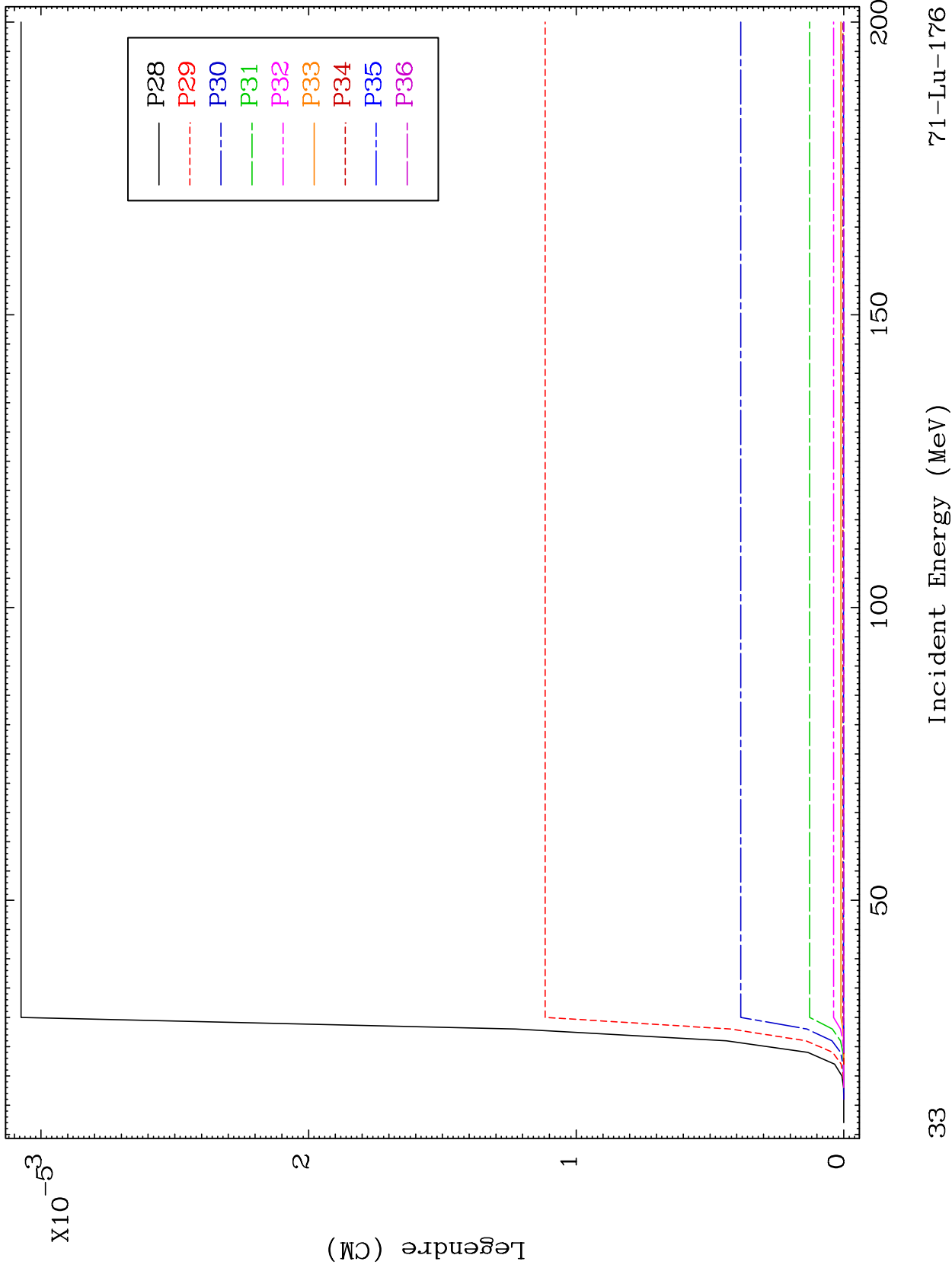
71-Lu-176



MAT 7128

233.1 keV (n,n') Level
Legendre Coefficients

71-Lu-176



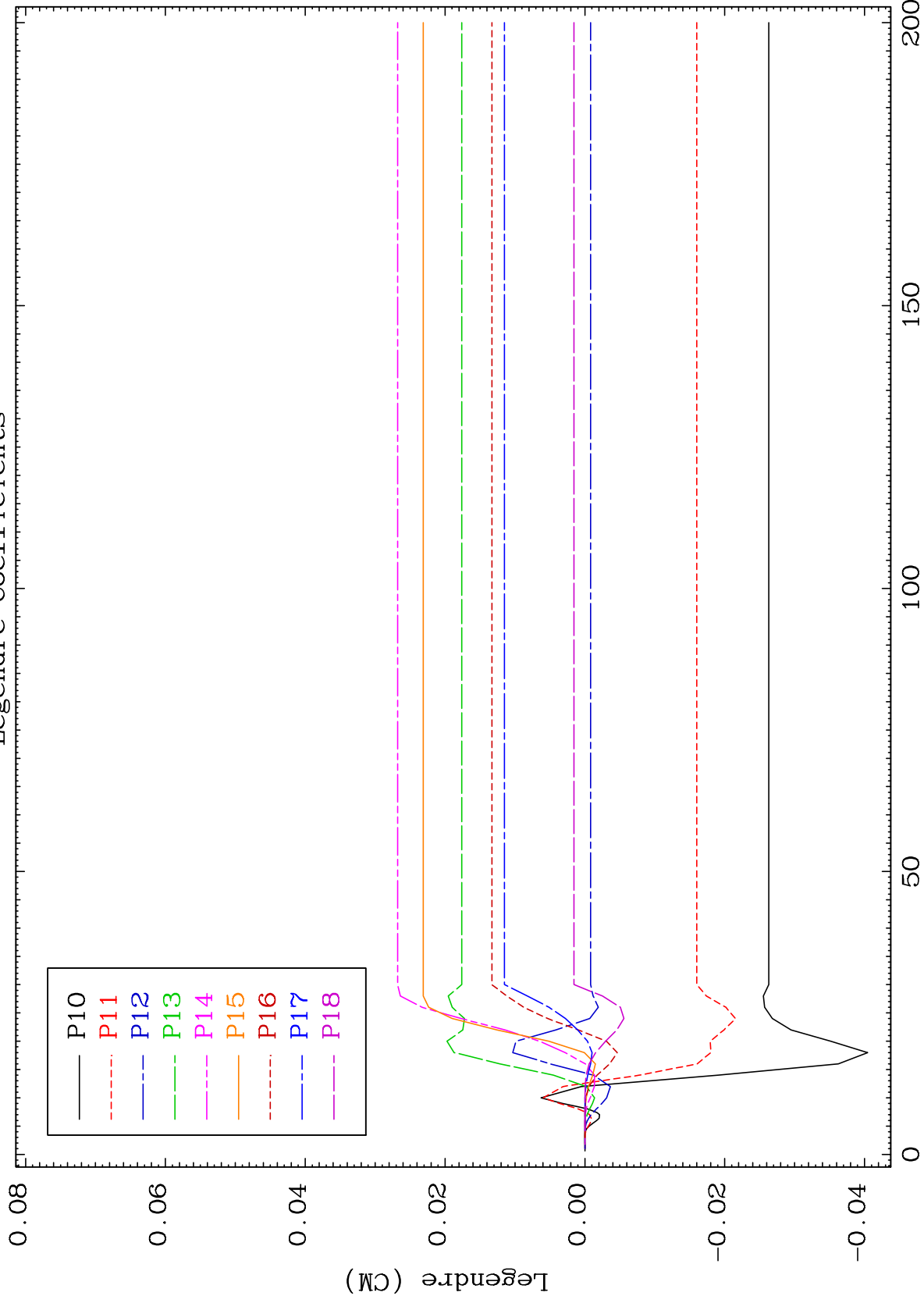
33

71-Lu-176

MAT 7128

235.8 keV (n,n') Level
Legendre Coefficients

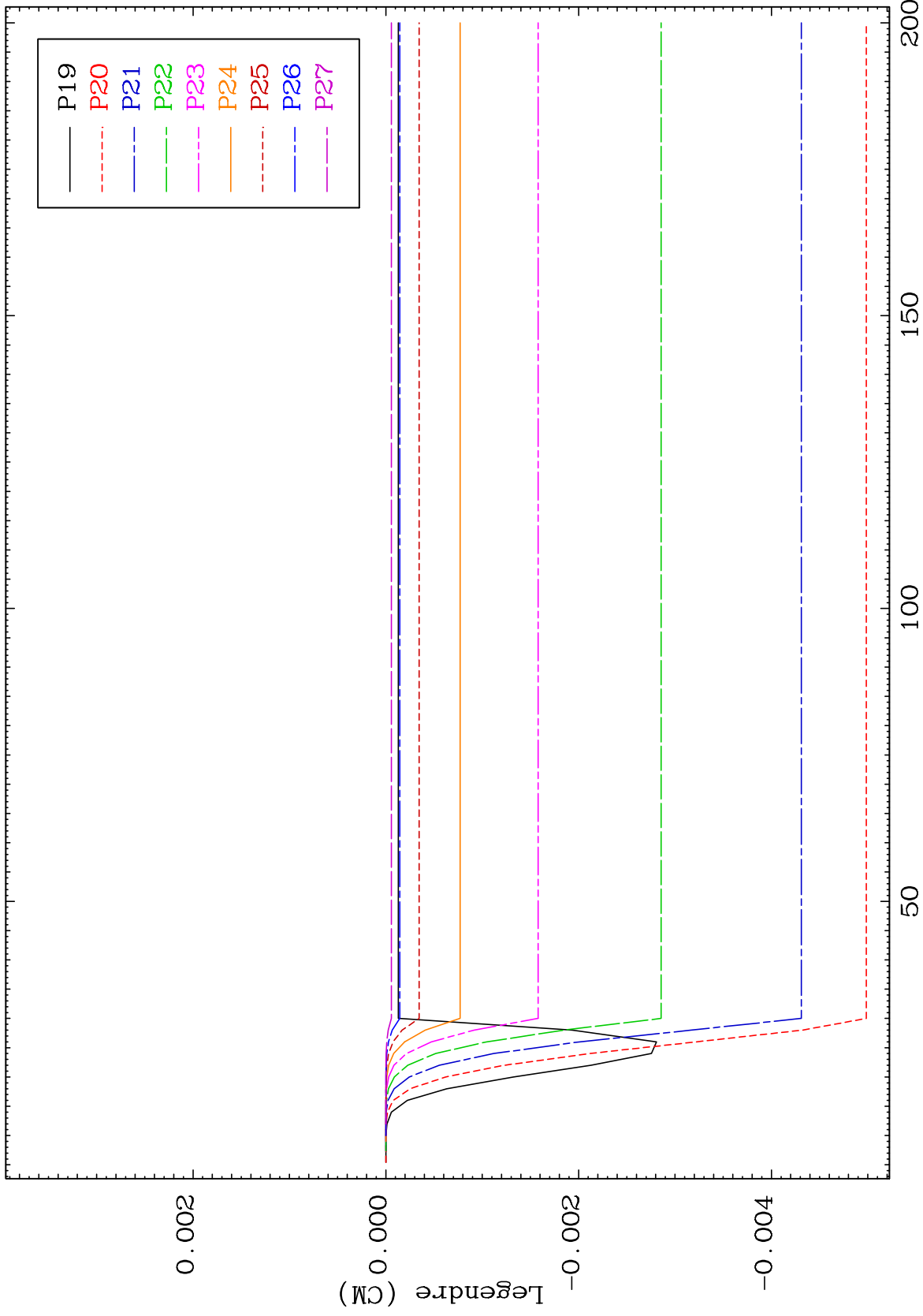
71-Lu-176

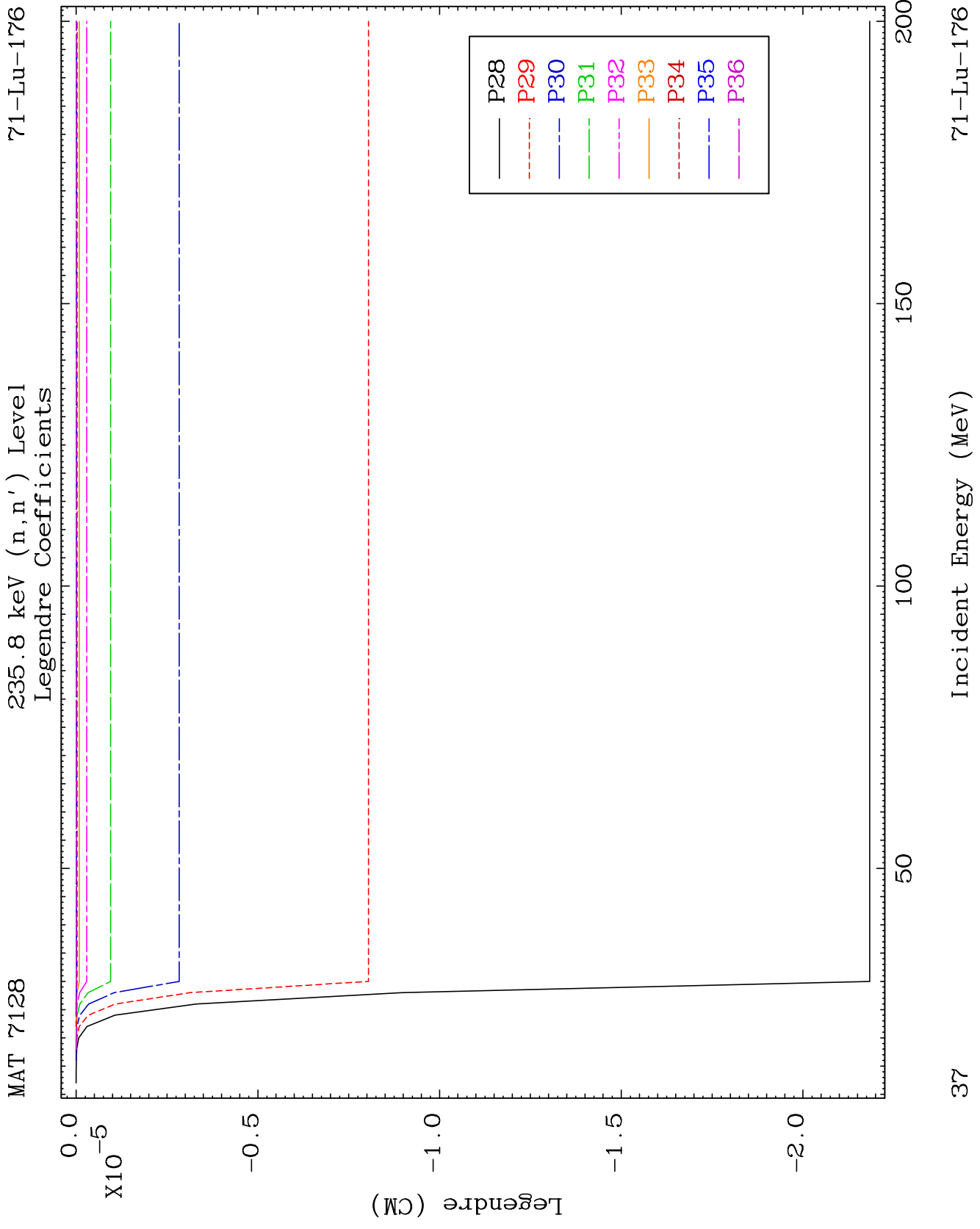


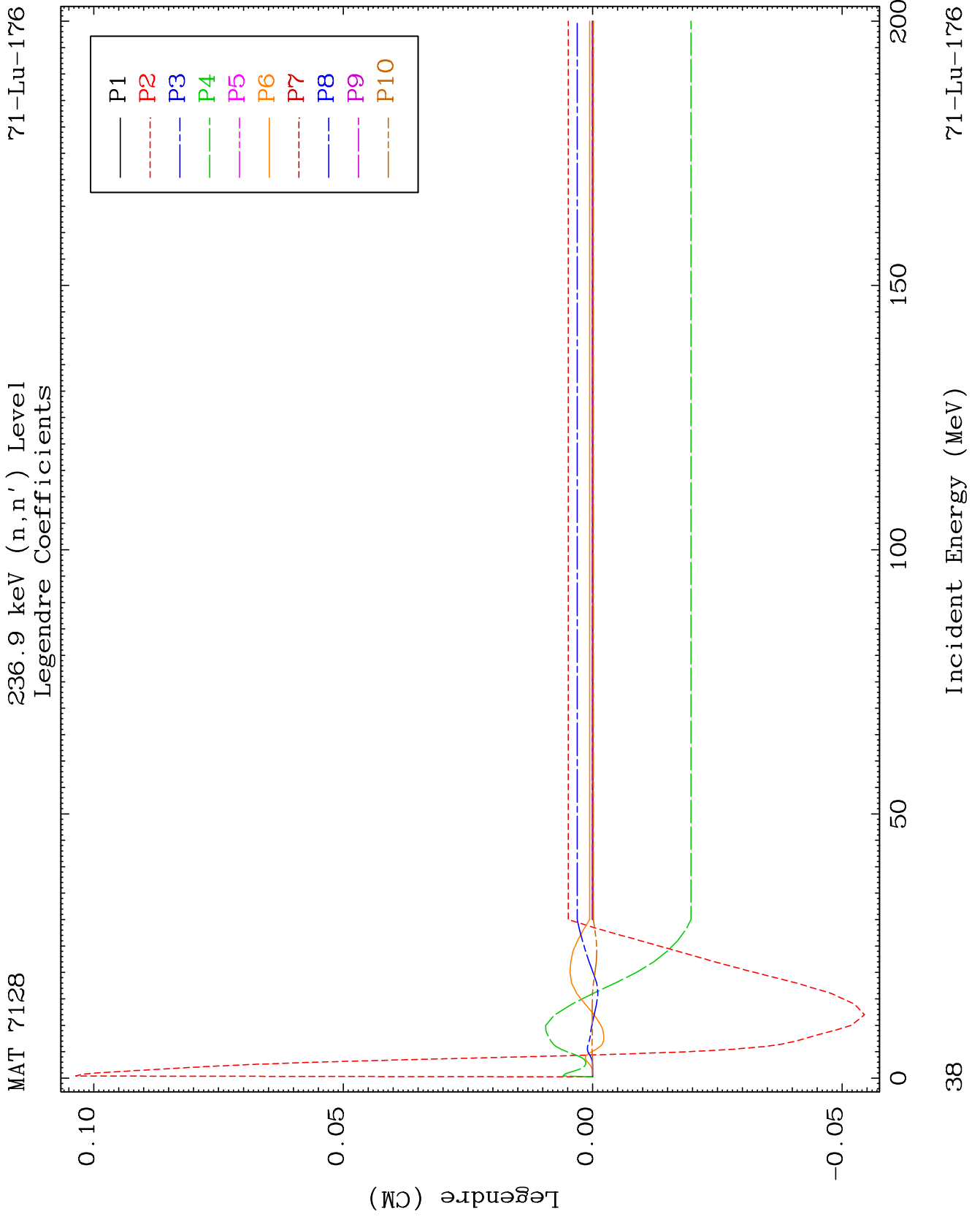
35

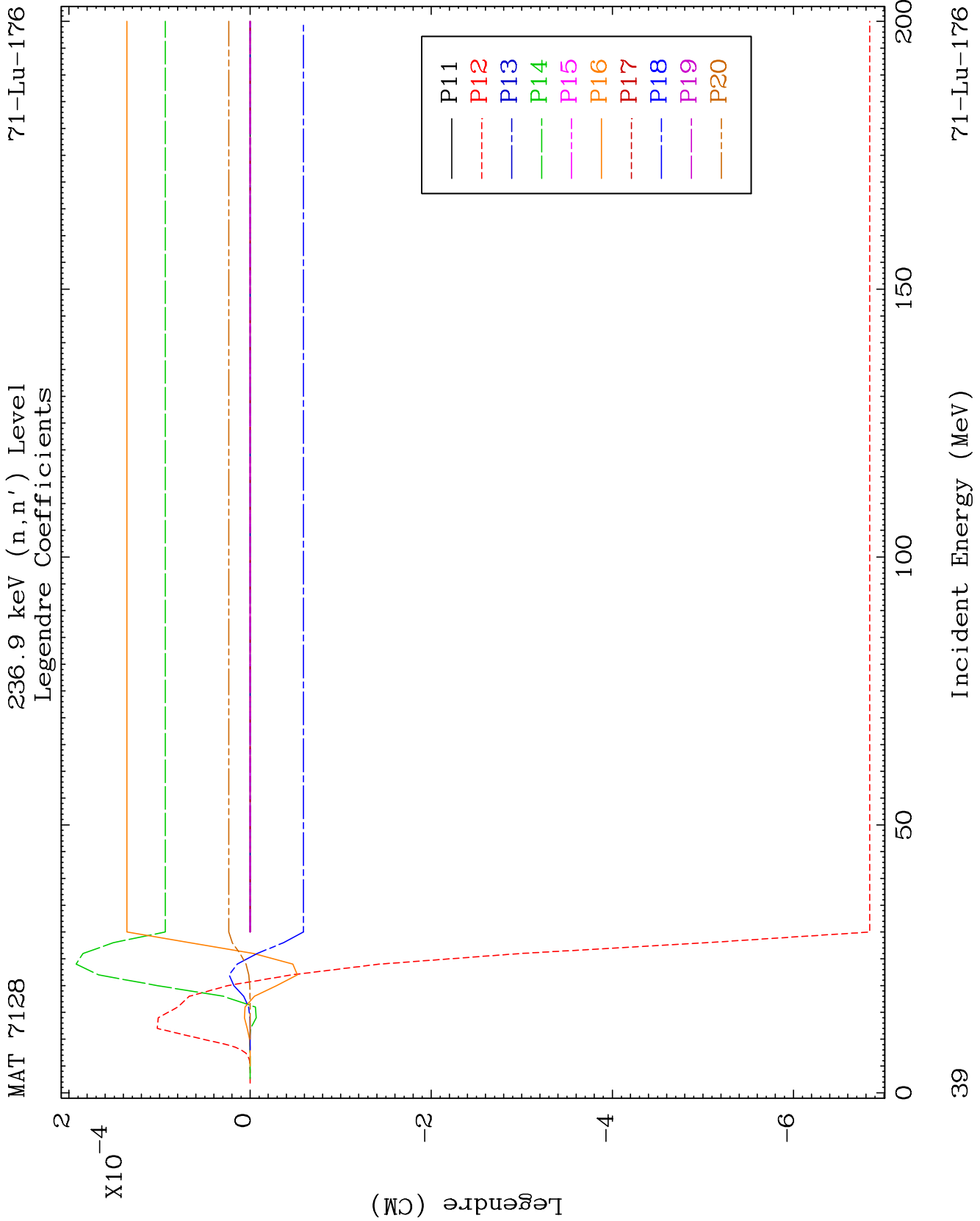
Incident Energy (MeV)

71-Lu-176





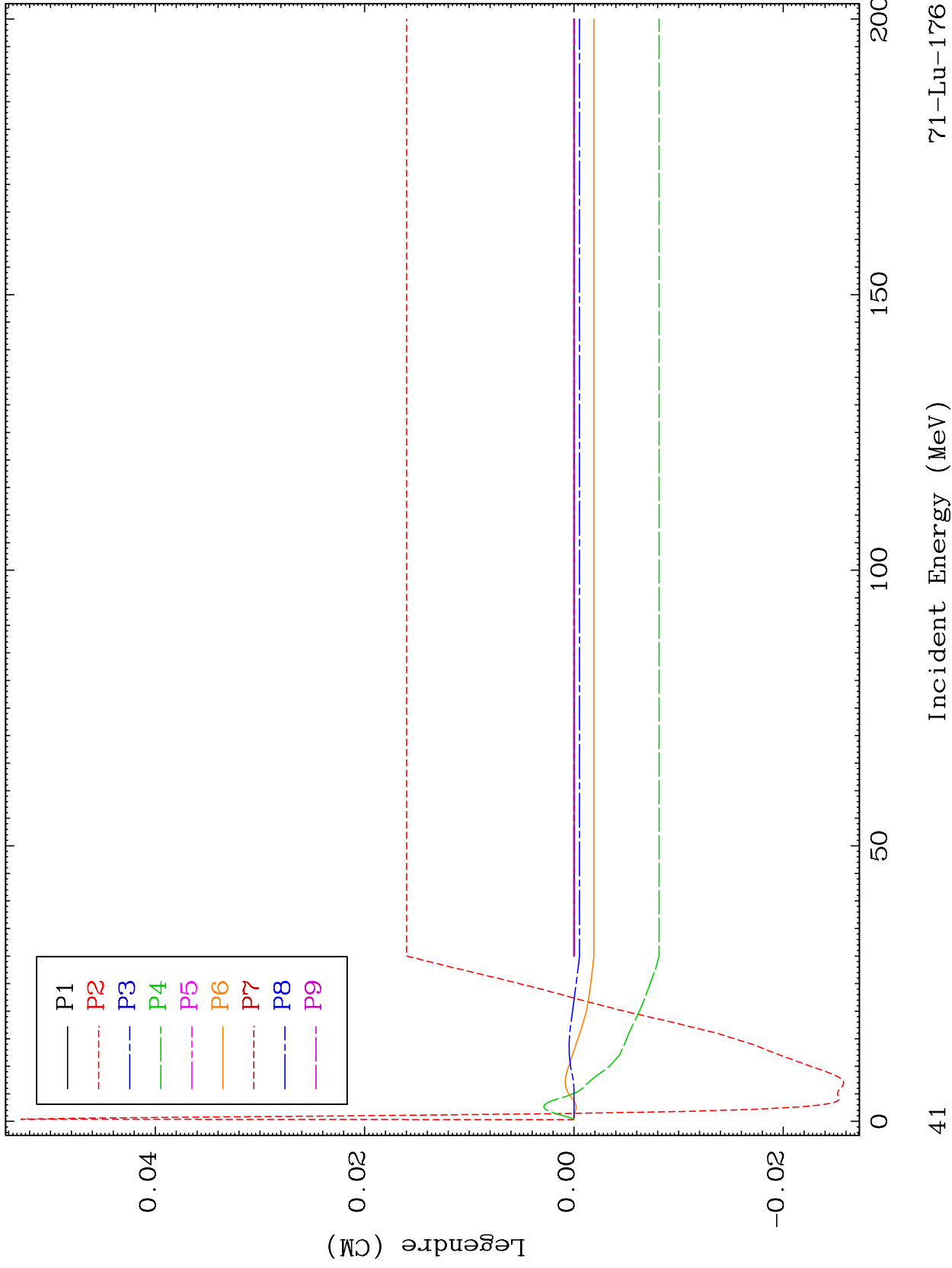




MAT 7128

299.3 keV (n,n') Level
Legendre Coefficients

71-Lu-176

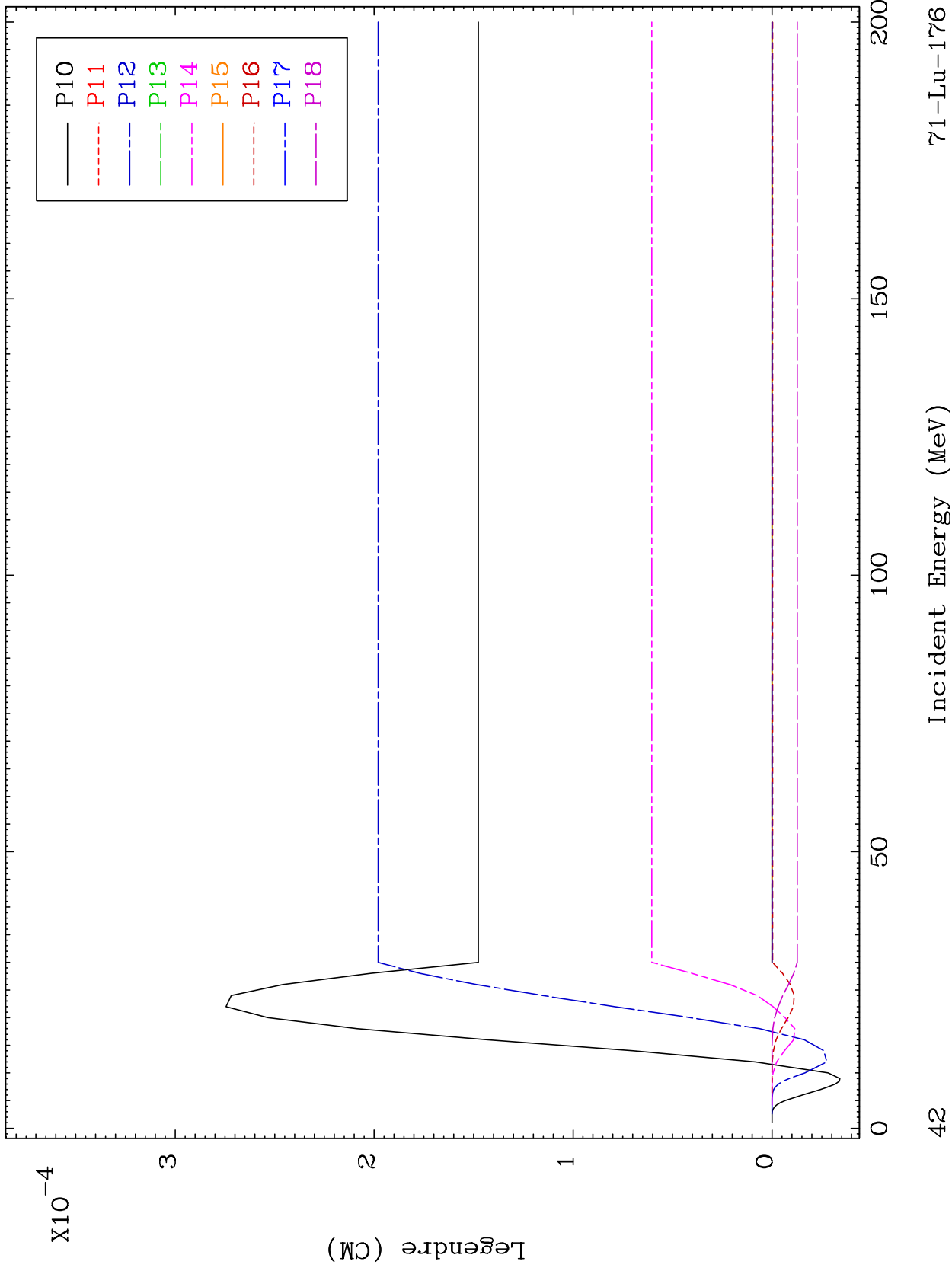


41

MAT 7128

299.3 keV (n,n') Level
Legendre Coefficients

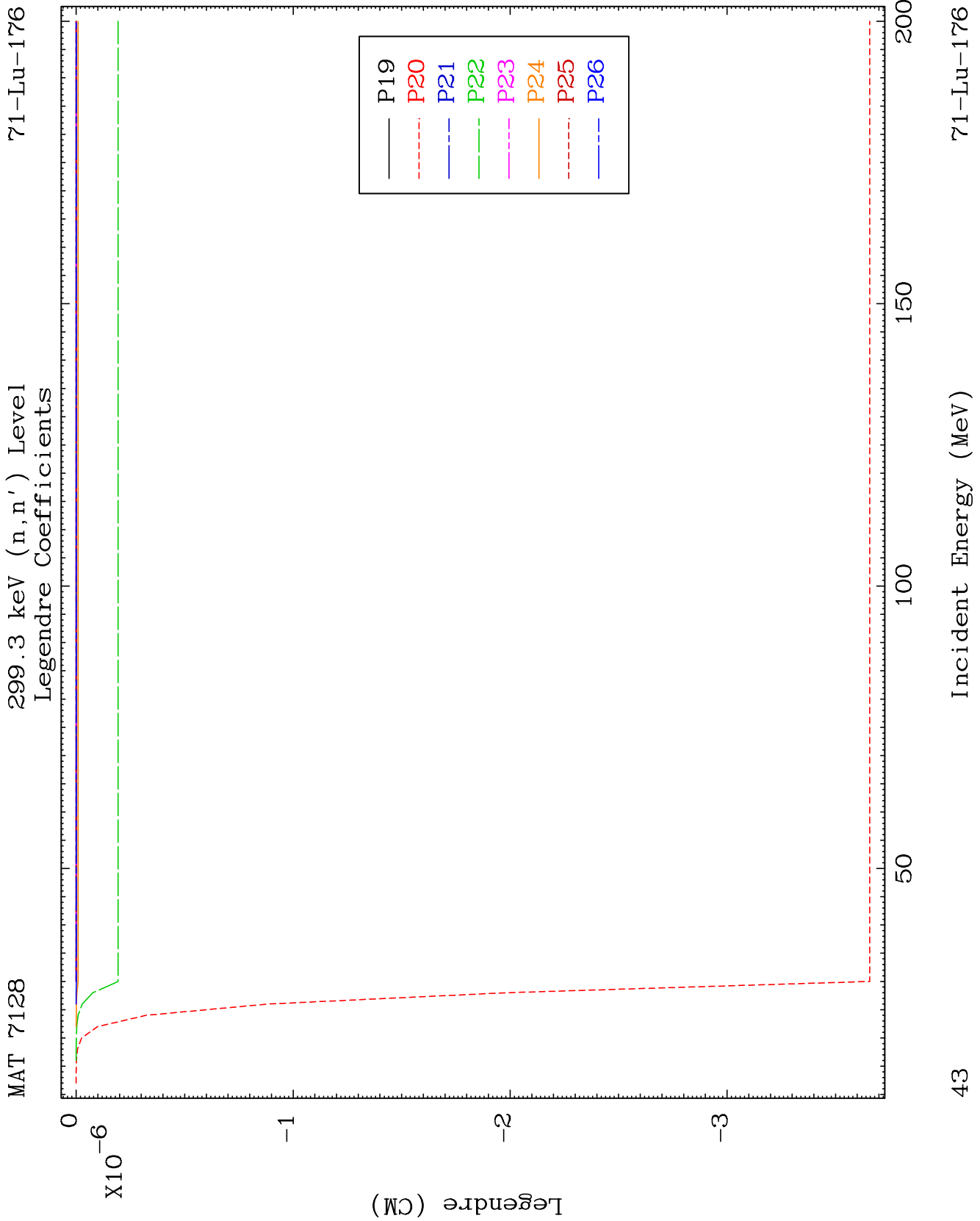
71-Lu-176



42

Incident Energy (MeV)

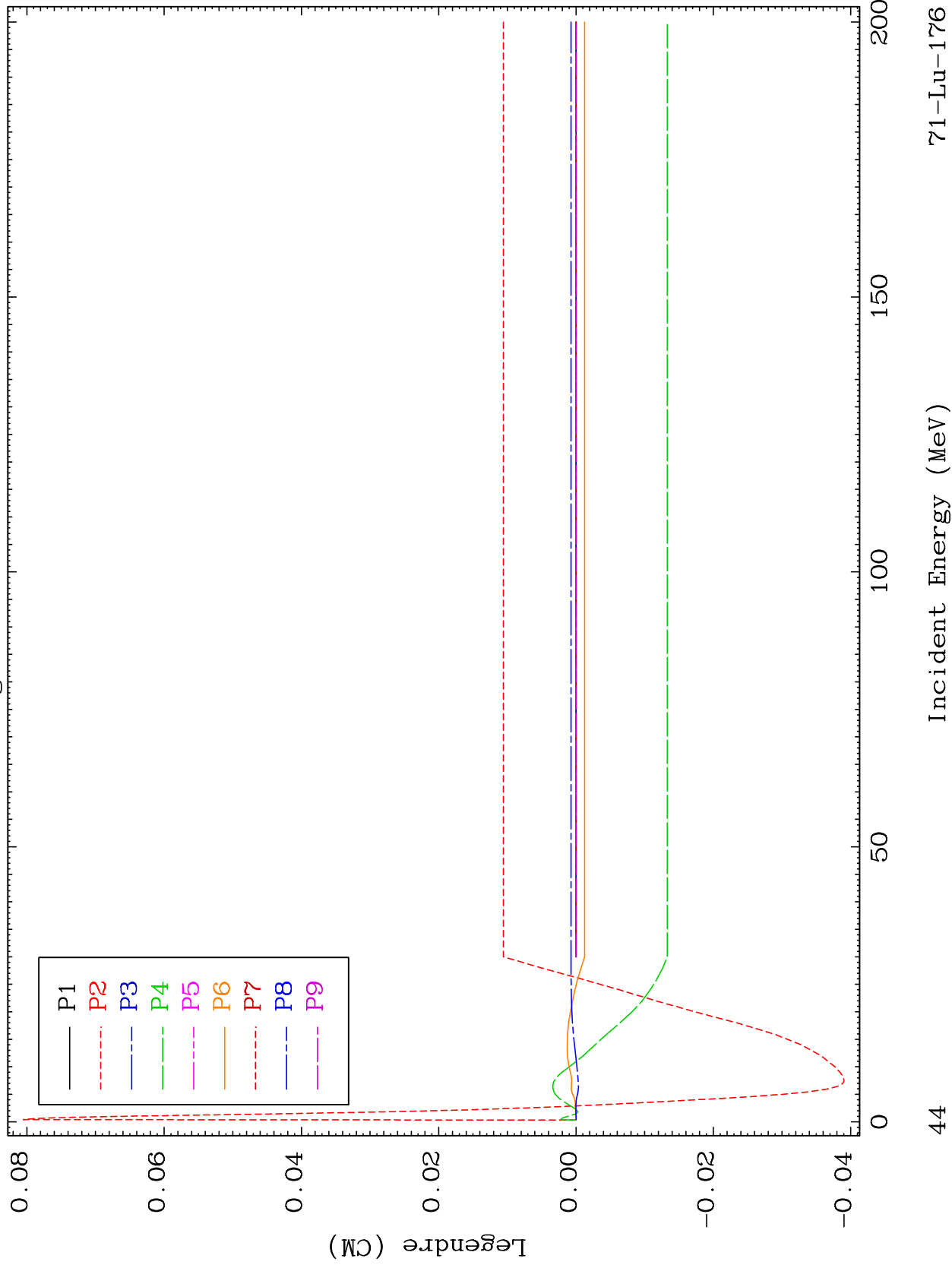
71-Lu-176



MAT 7128

305.3 keV (n,n') Level
Legendre Coefficients

71-Lu-176



71-Lu-176

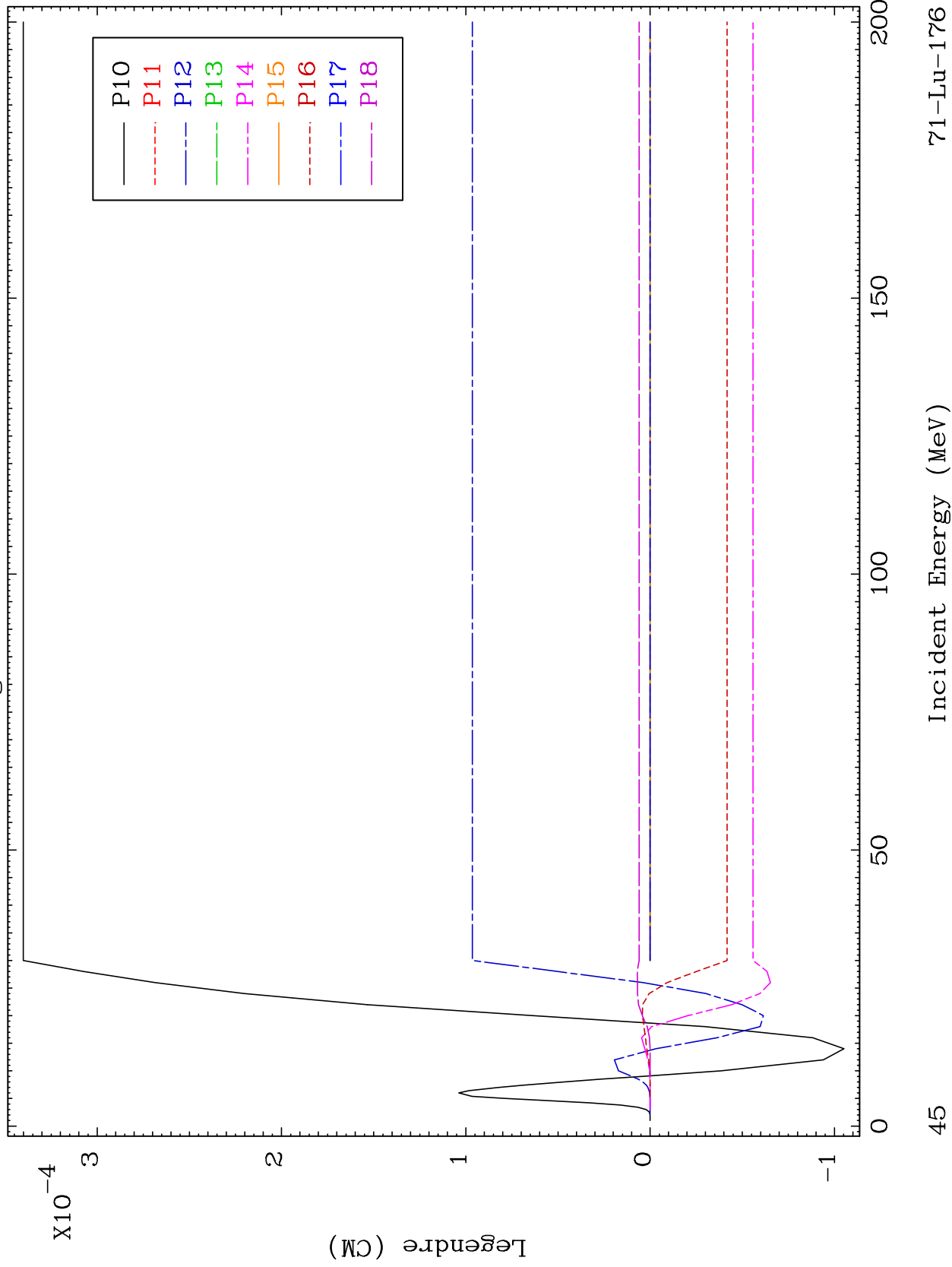
Incident Energy (MeV)

44

MAT 7128

305.3 keV (n,n') Level
Legendre Coefficients

71-Lu-176



71-Lu-176

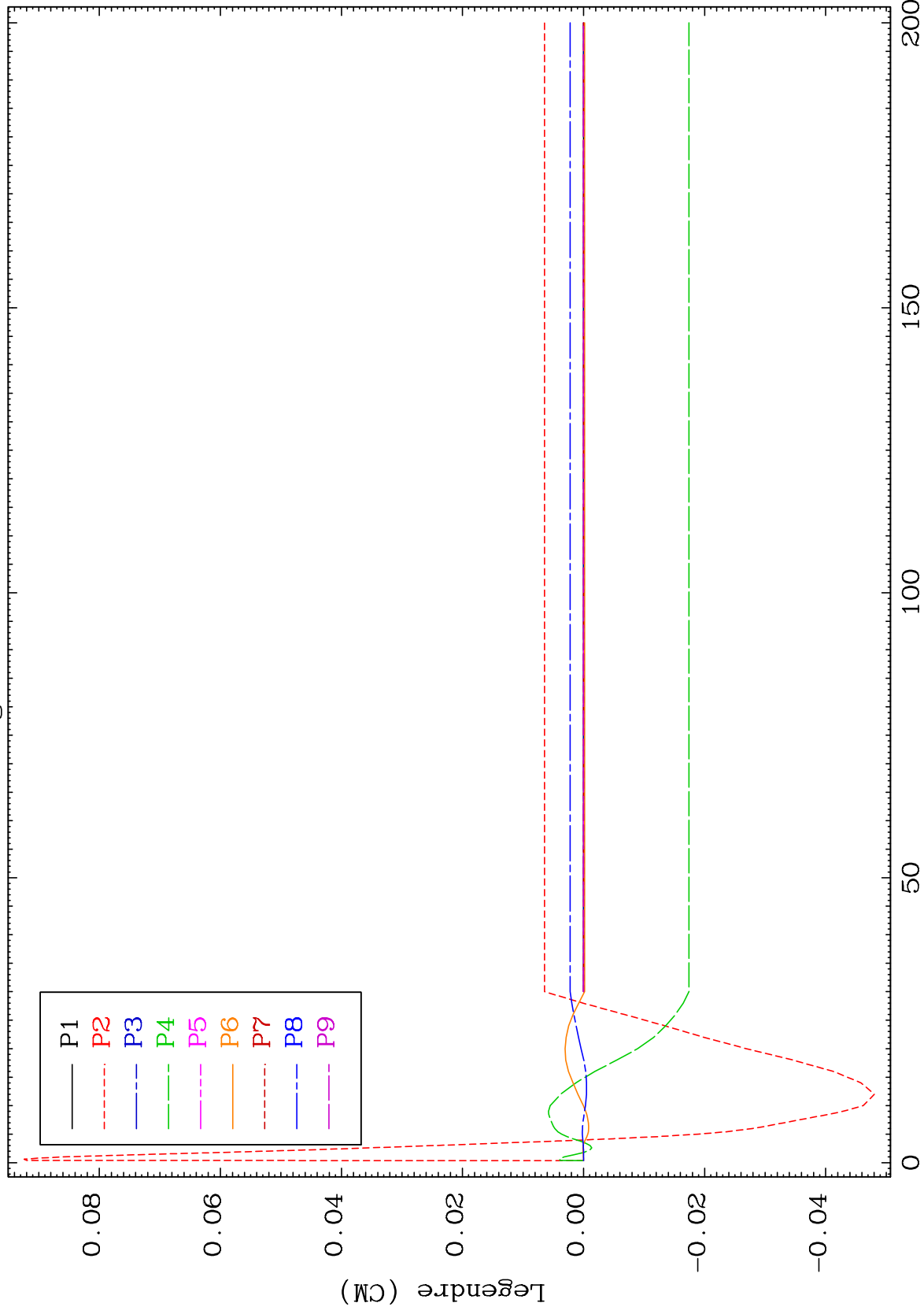
Incident Energy (MeV)

45

MAT 7128

338.8 keV (n,n') Level
Legendre Coefficients

71-Lu-176



47

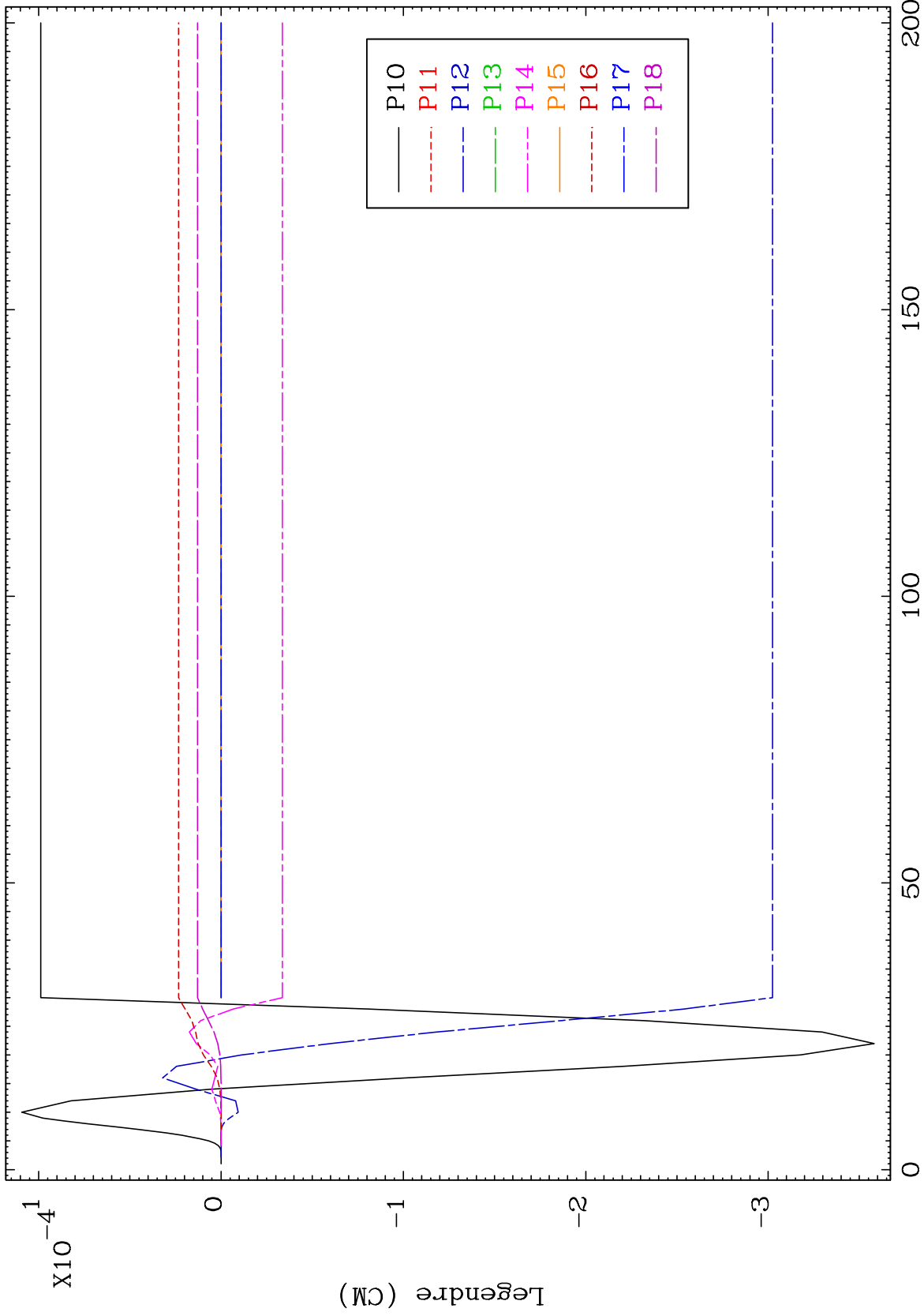
Incident Energy (MeV)

71-Lu-176

MAT 7128

338.8 keV (n,n') Level
Legendre Coefficients

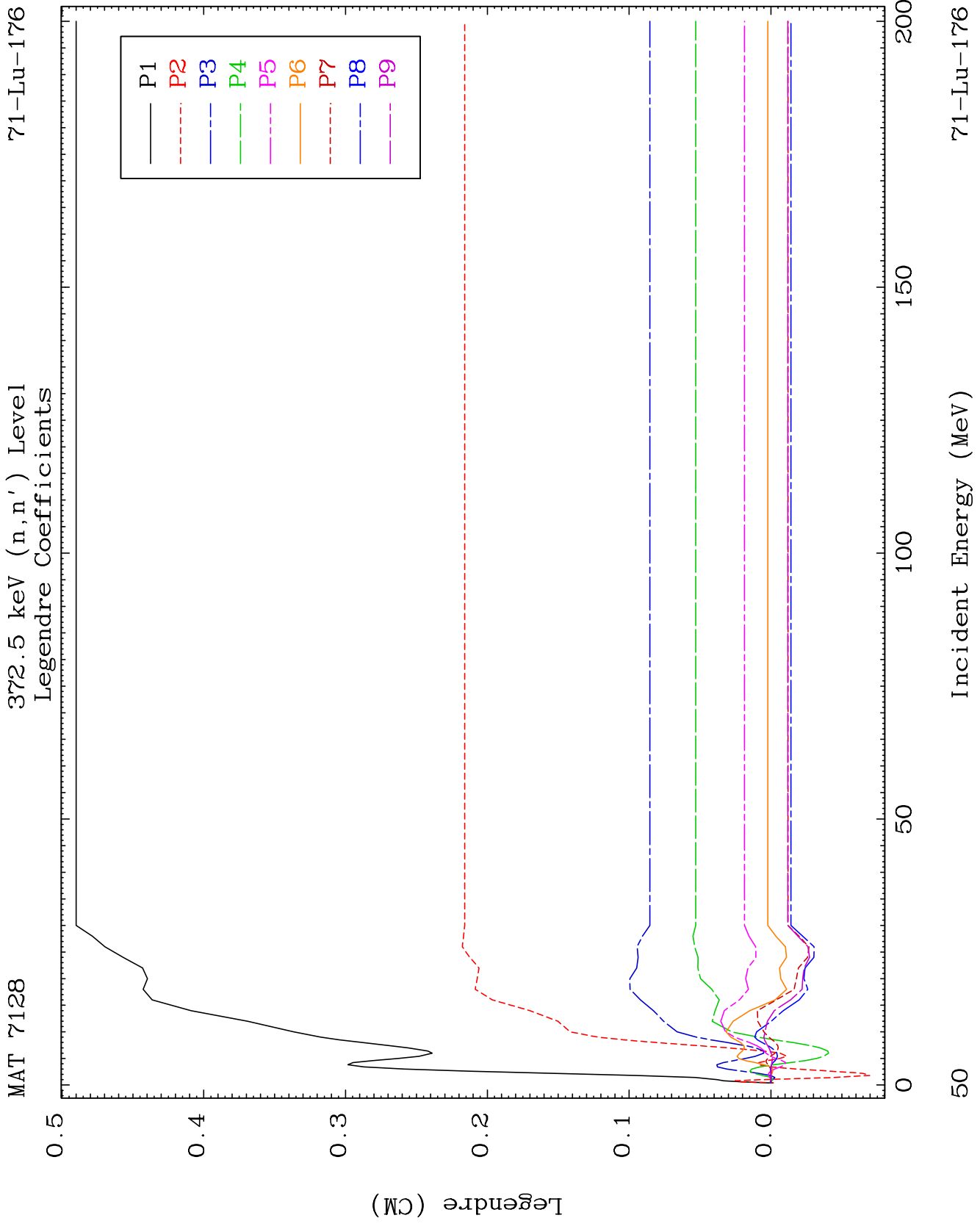
71-Lu-176



48

Incident Energy (MeV)

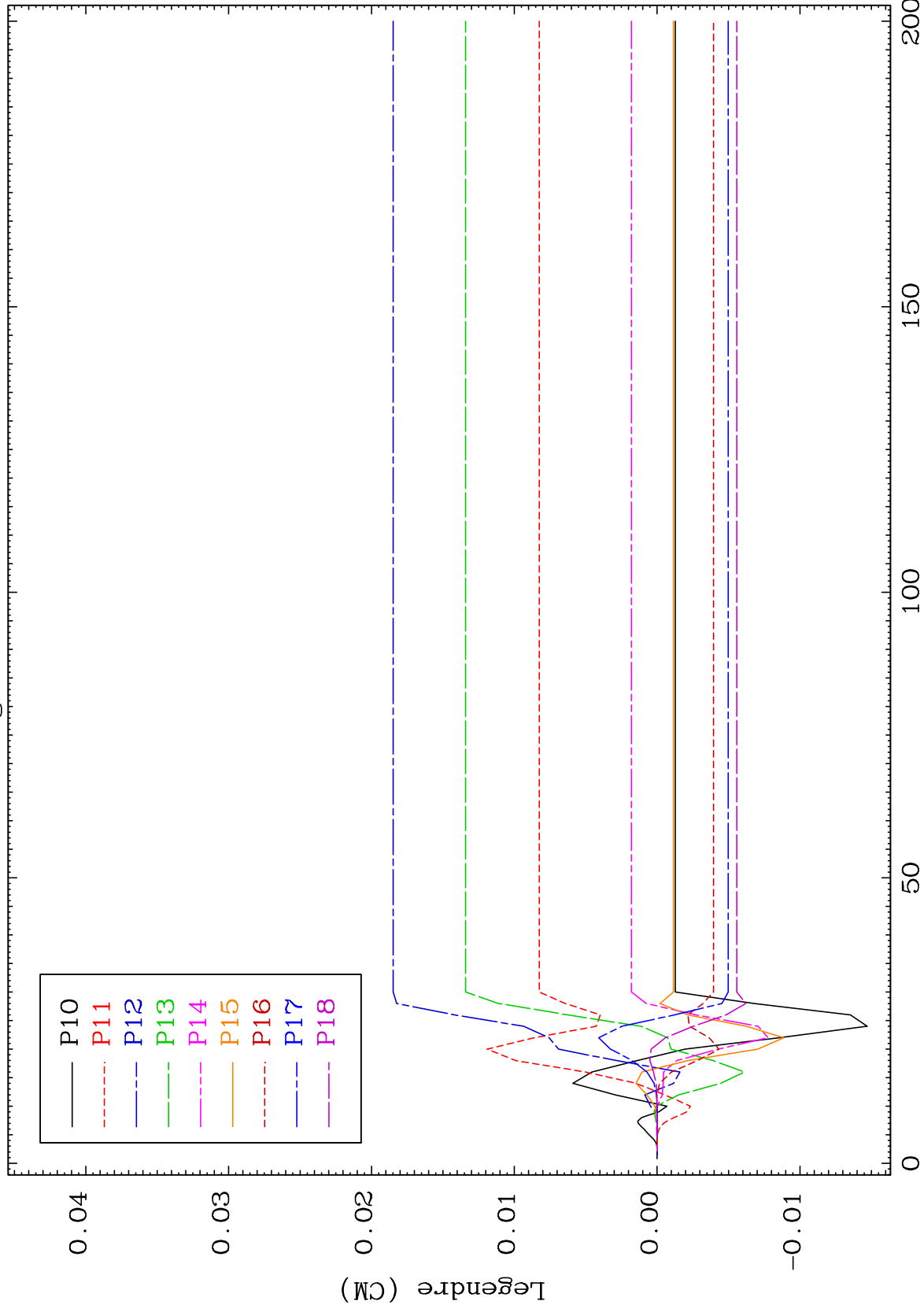
71-Lu-176



MAT 7128

372.5 keV (n,n') Level
Legendre Coefficients

71-Lu-176



71-Lu-176

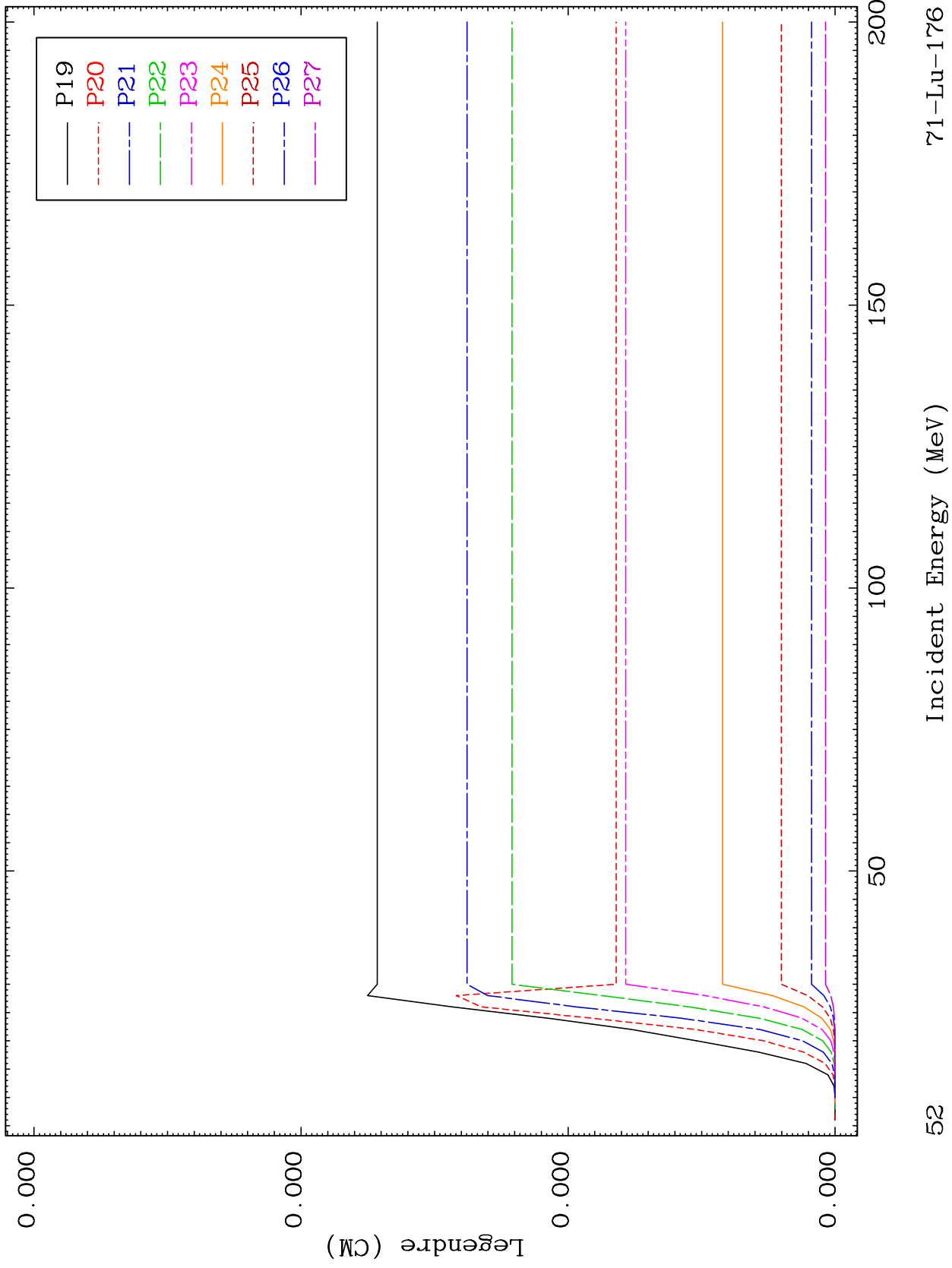
Incident Energy (MeV)

51

MAT 7128

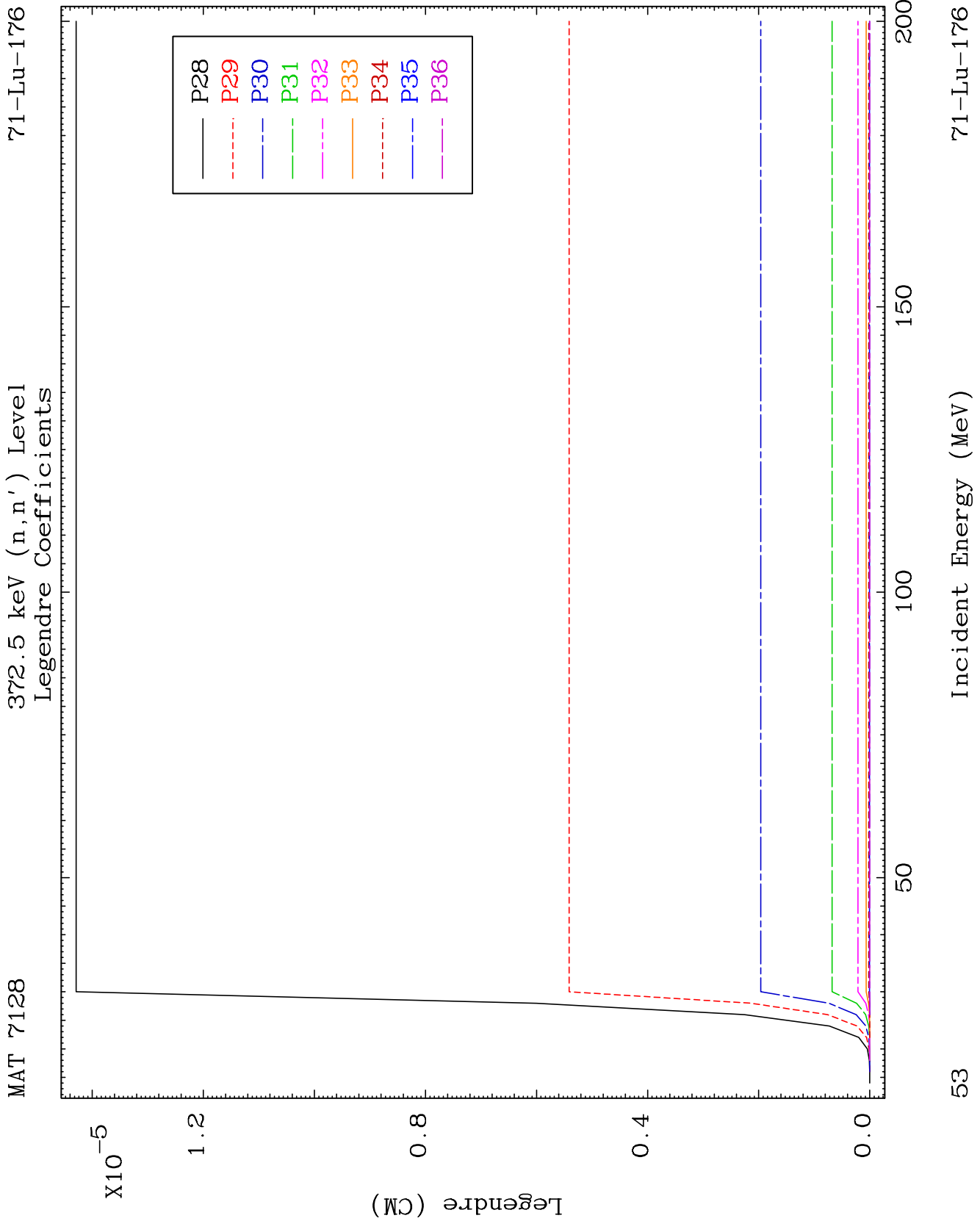
372.5 keV (n,n') Level
Legendre Coefficients

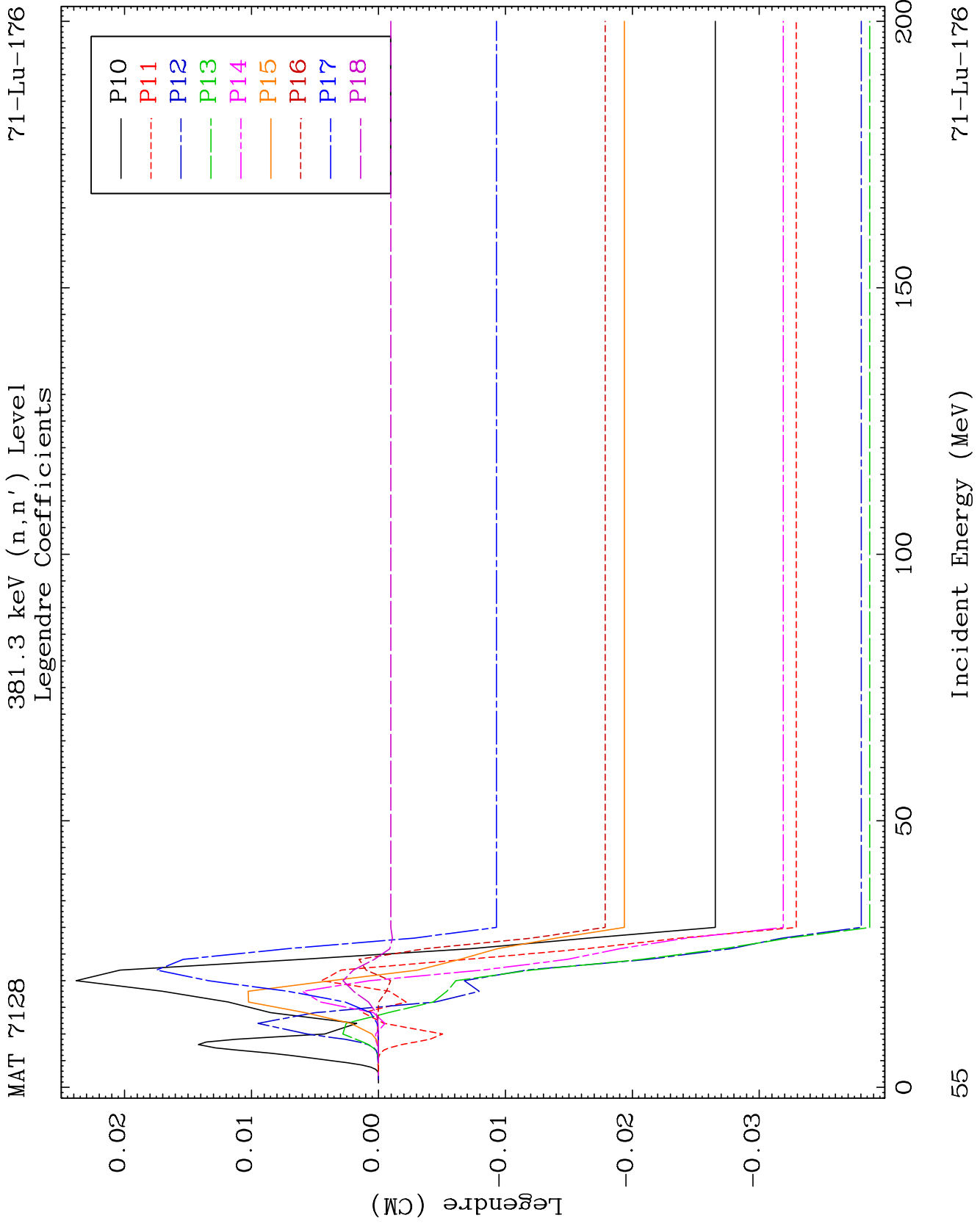
71-Lu-176

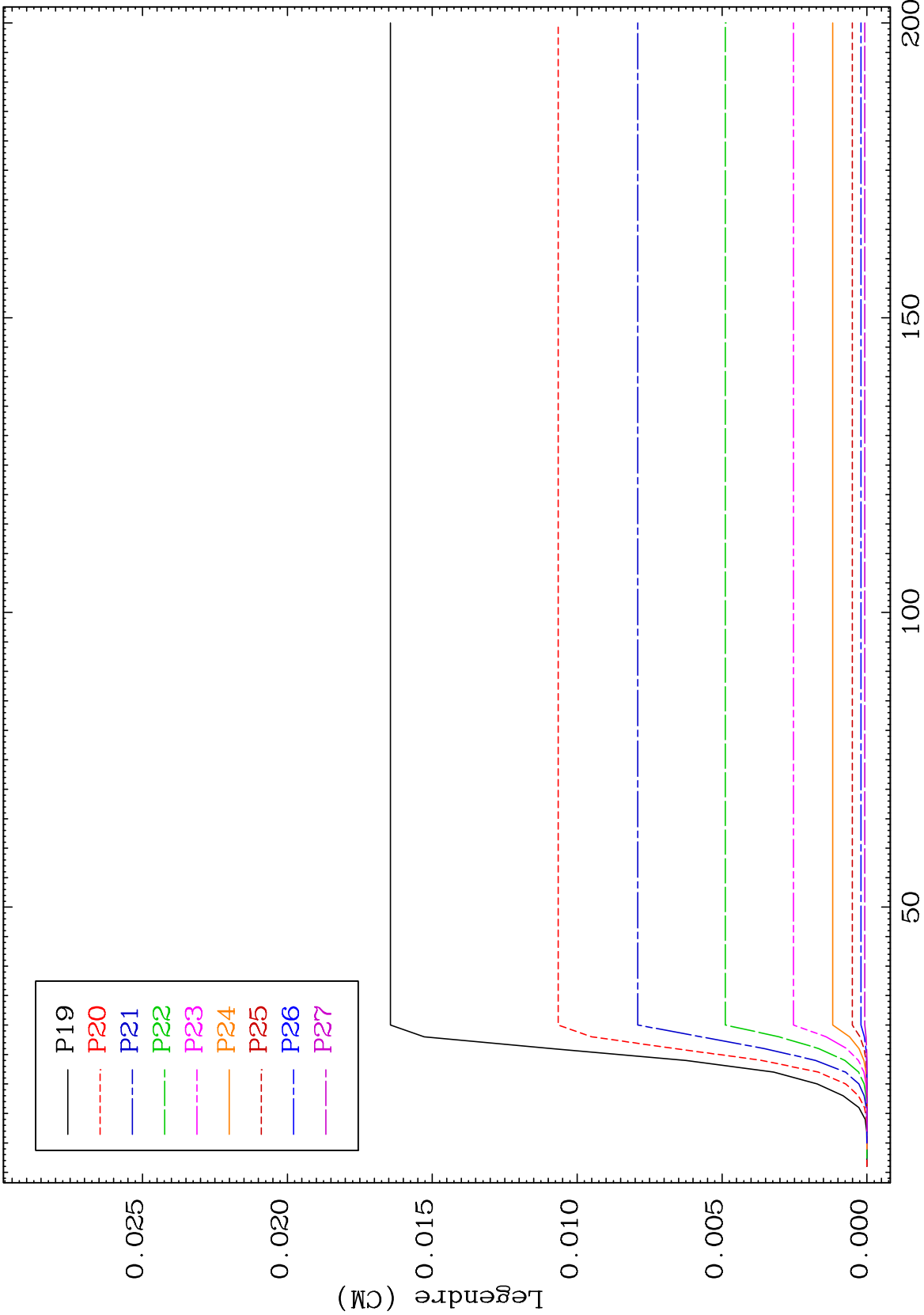


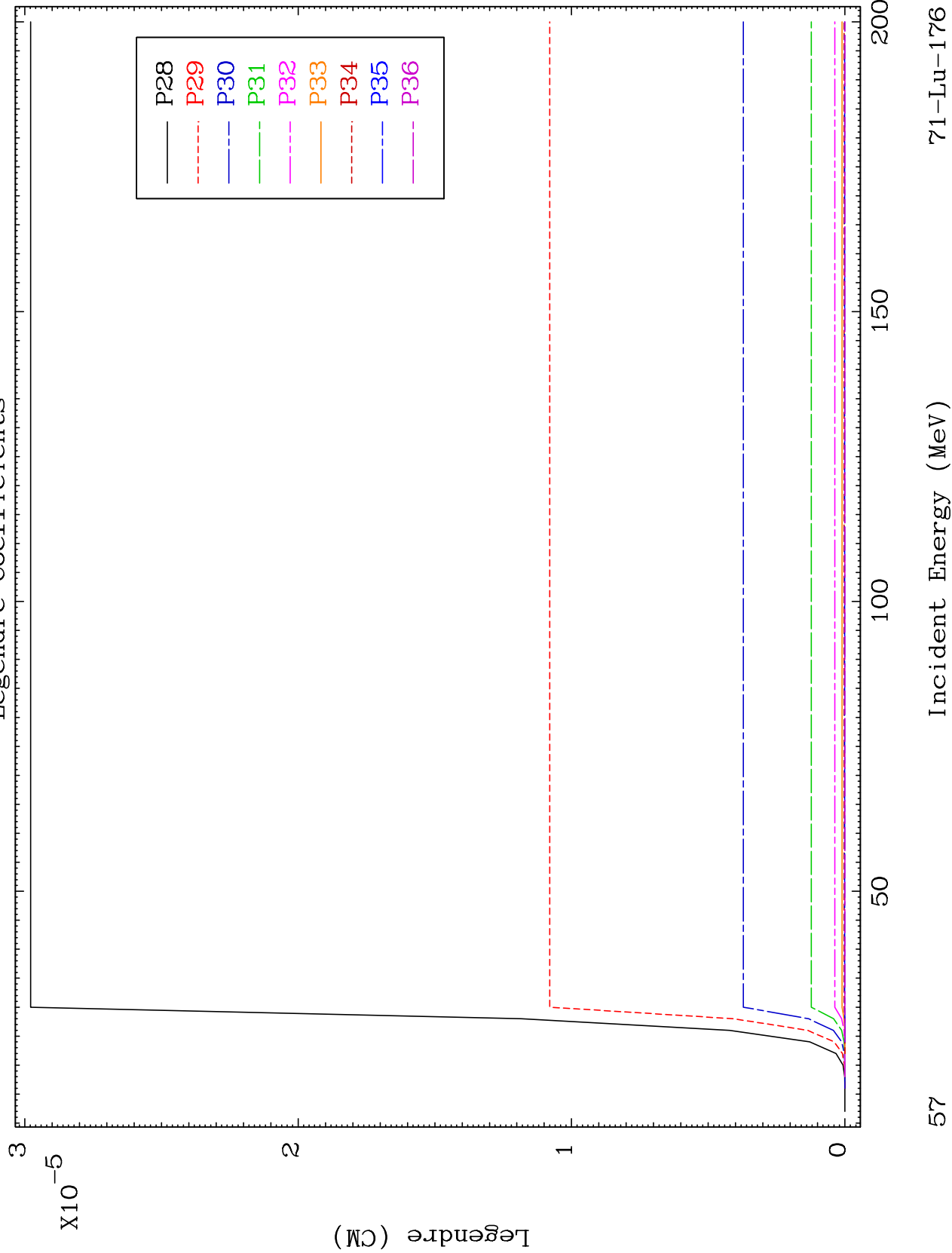
52

71-Lu-176





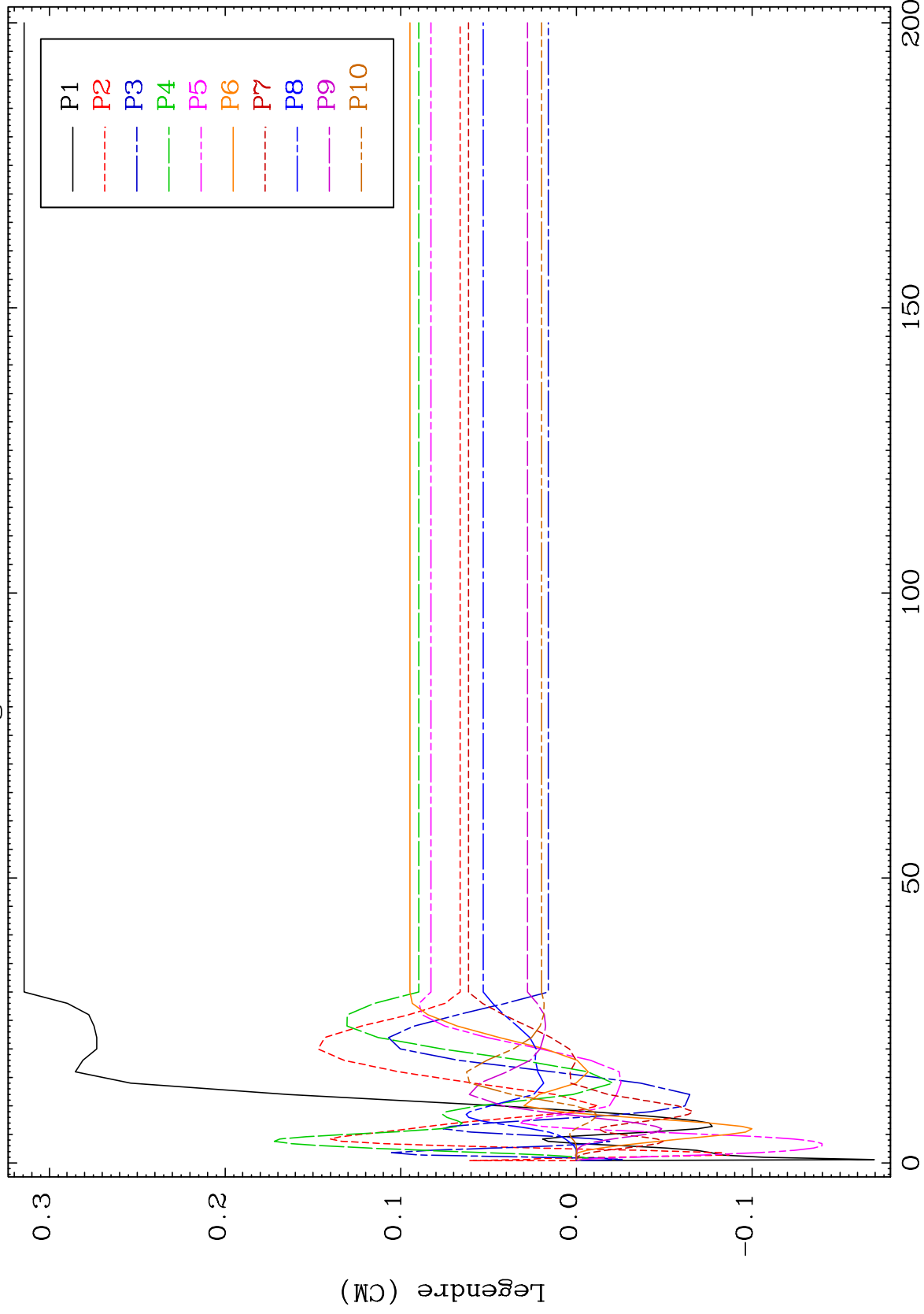




MAT 7128

386.6 keV (n,n') Level
Legendre Coefficients

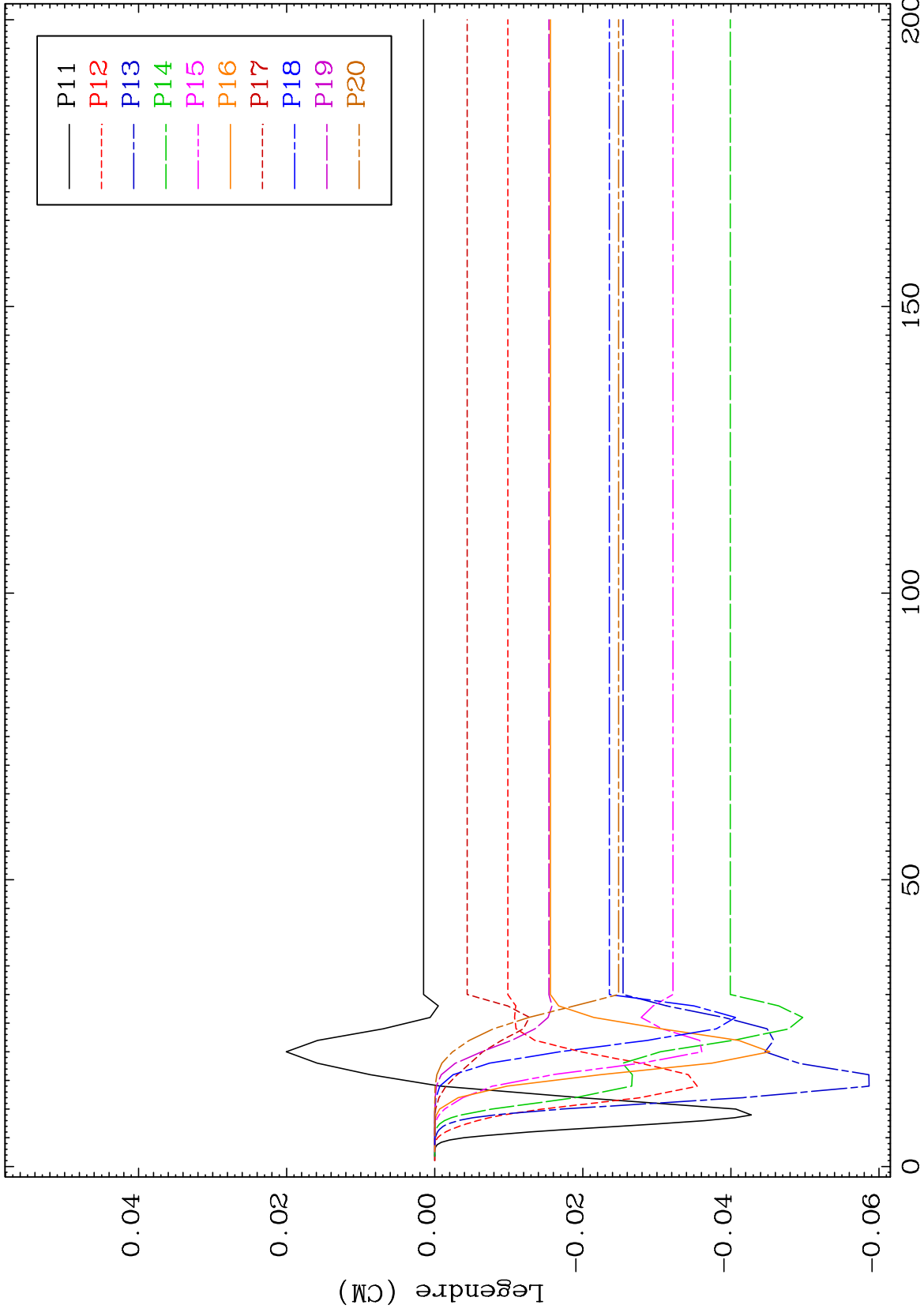
71-Lu-176

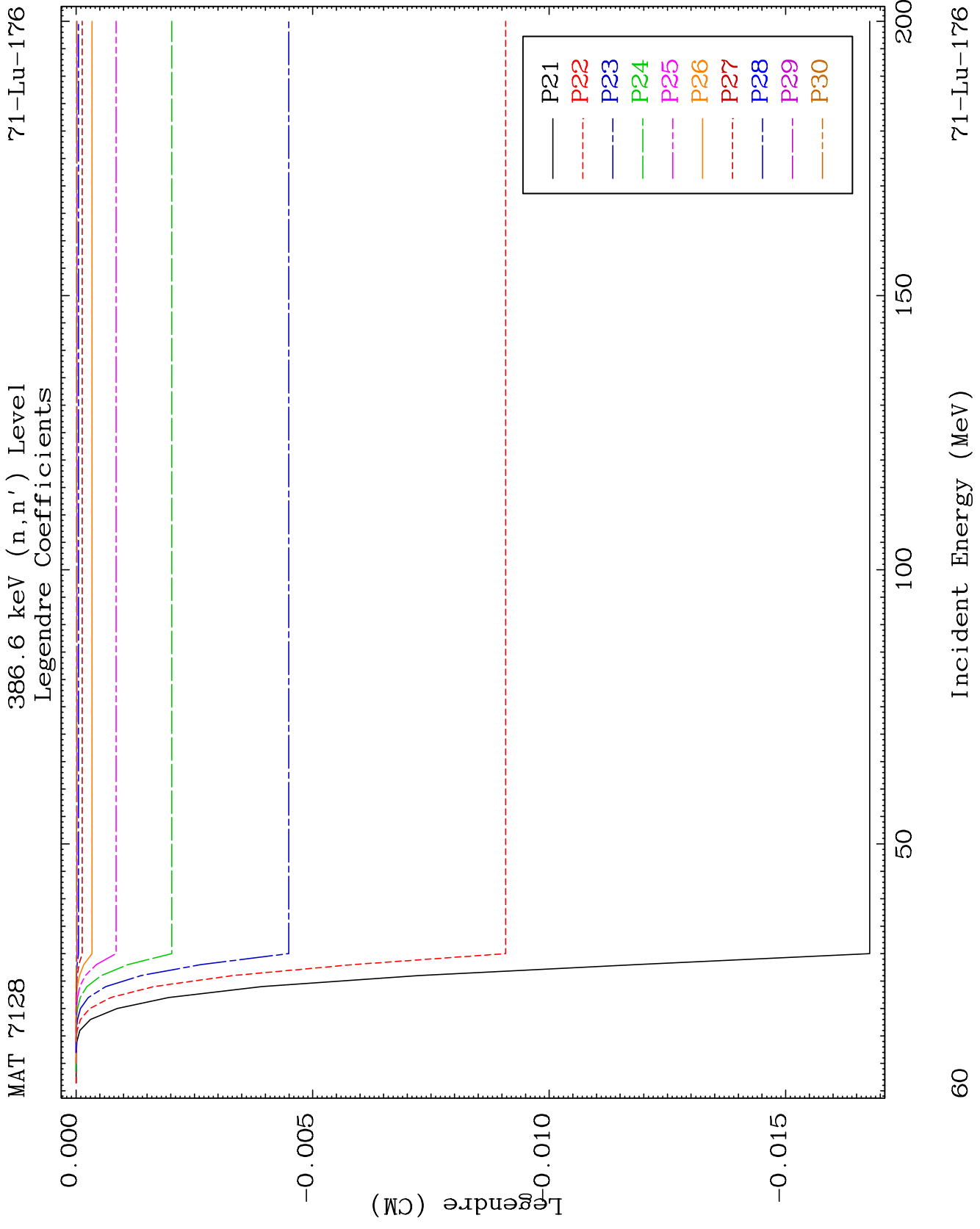


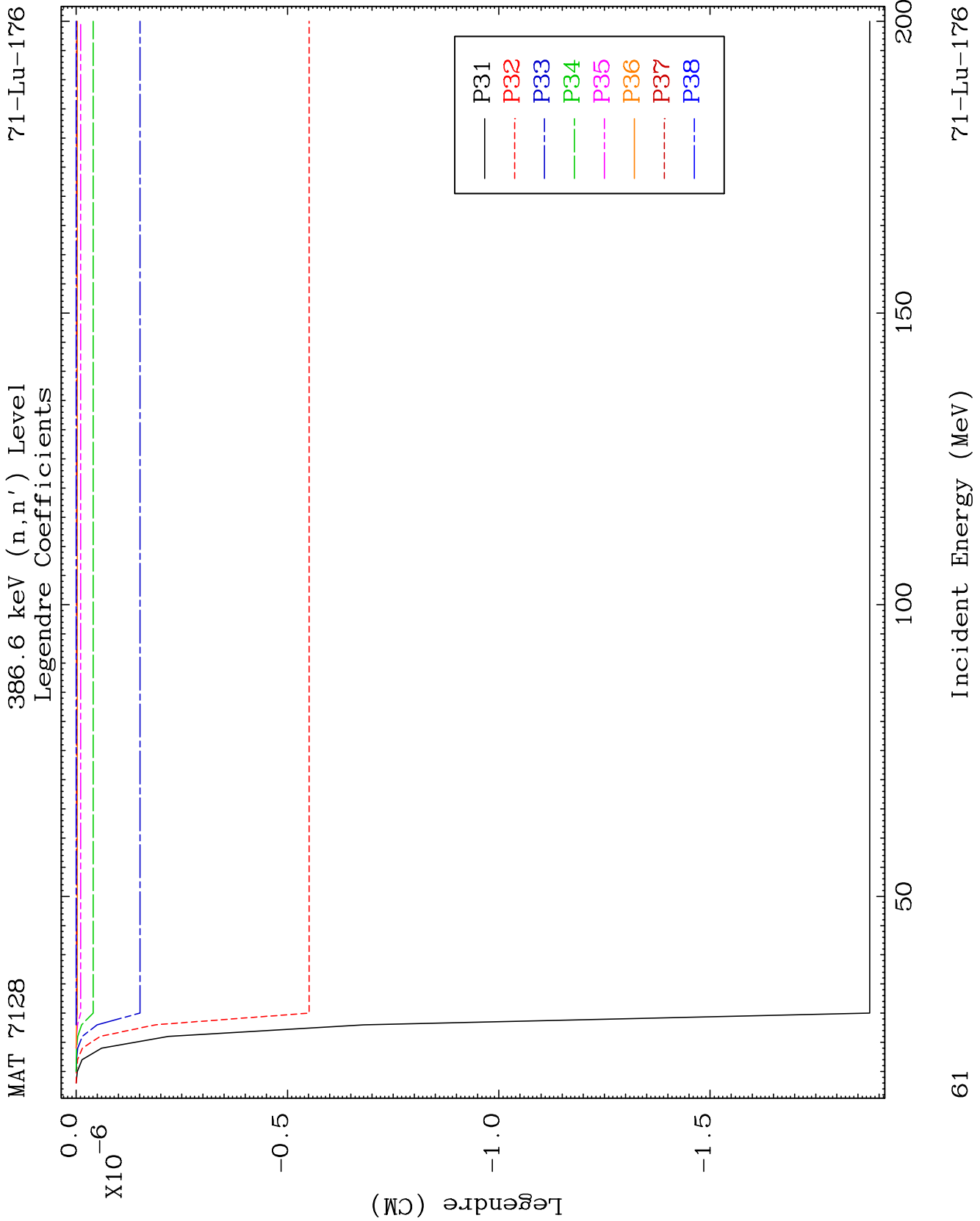
58

Incident Energy (MeV)

71-Lu-176



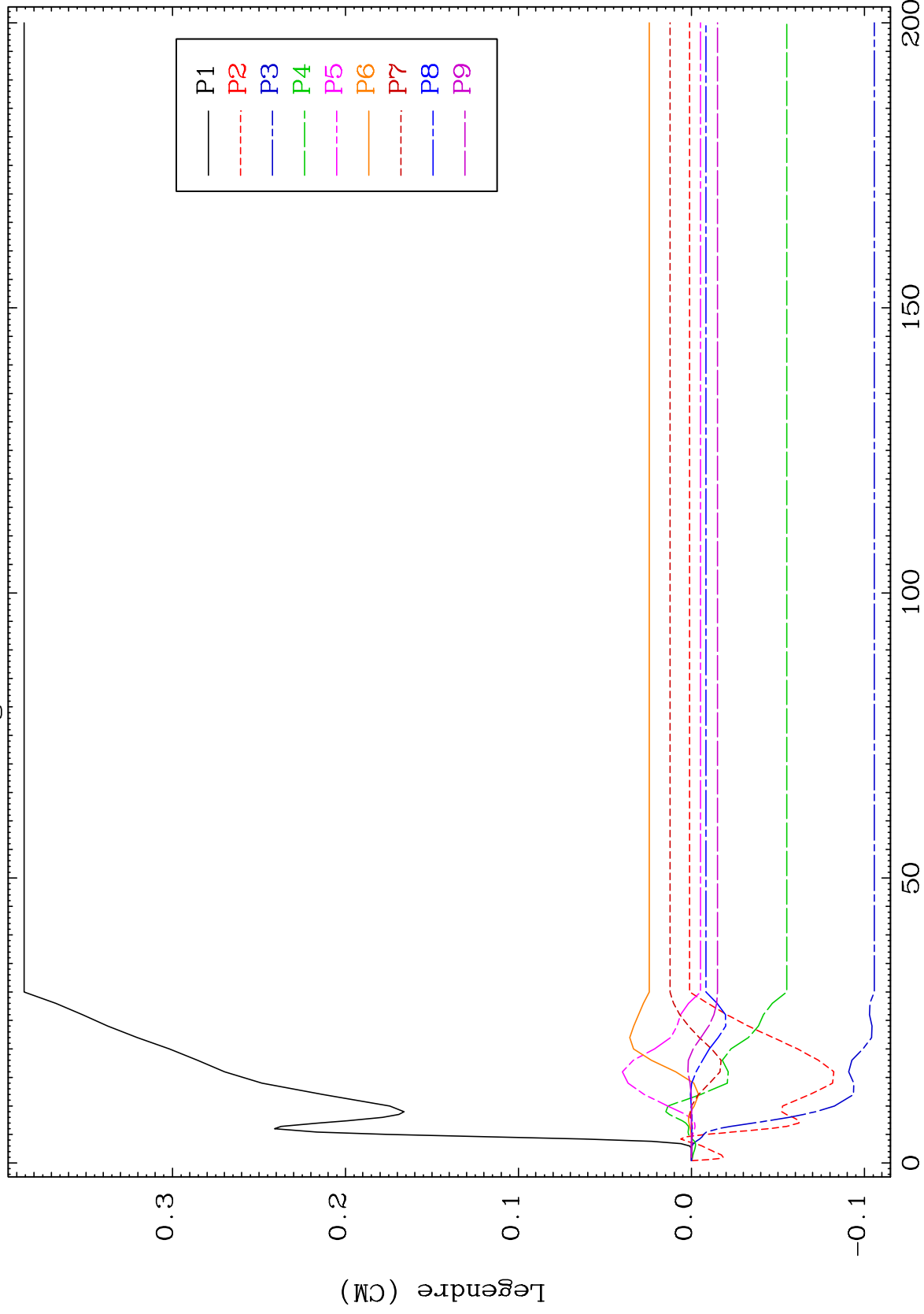




MAT 7128

388.9 keV (n, n') Level
Legendre Coefficients

71-Lu-176



71-Lu-176

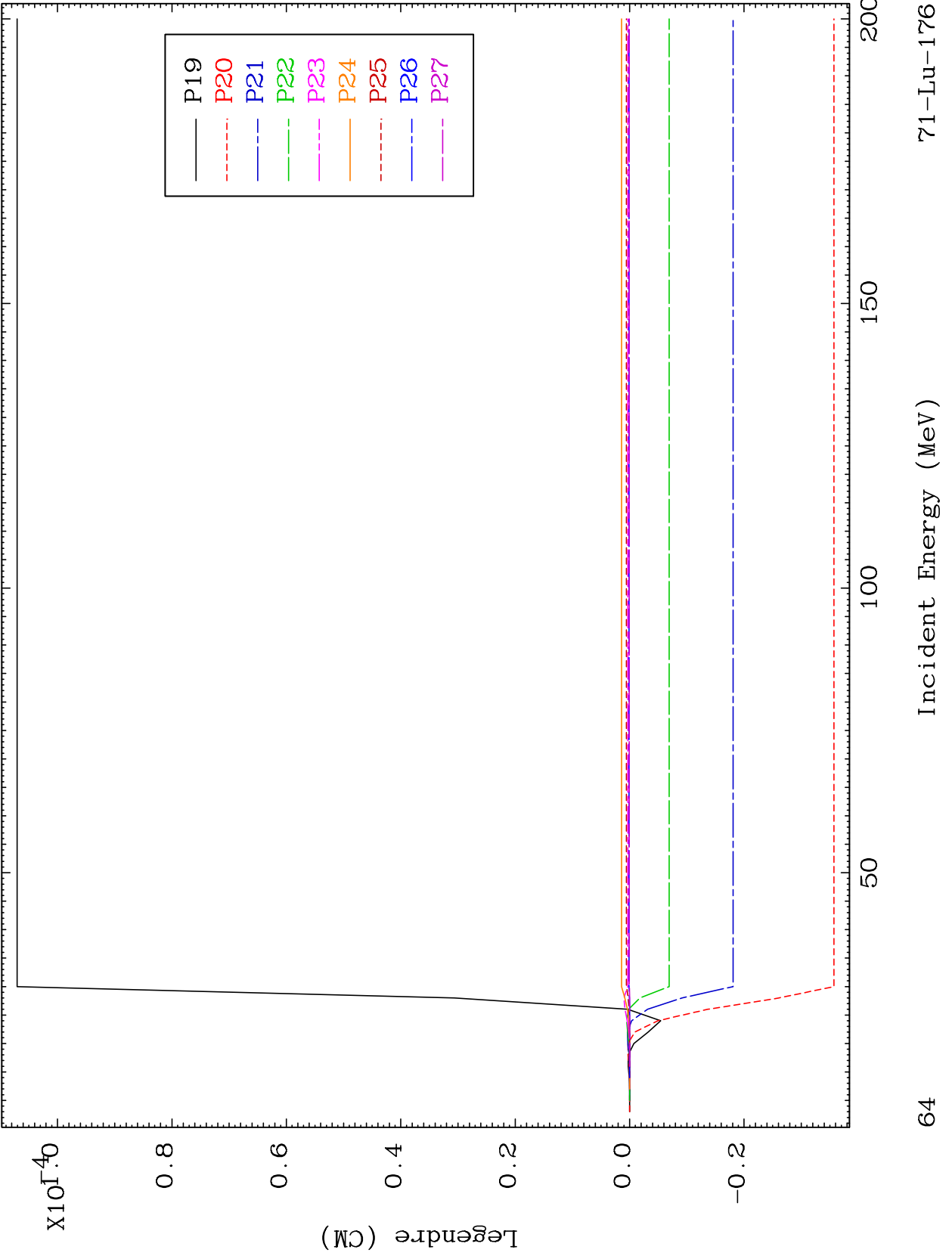
Incident Energy (MeV)

62

MAT 7128

388.9 keV (n,n') Level
Legendre Coefficients

71-Lu-176



64

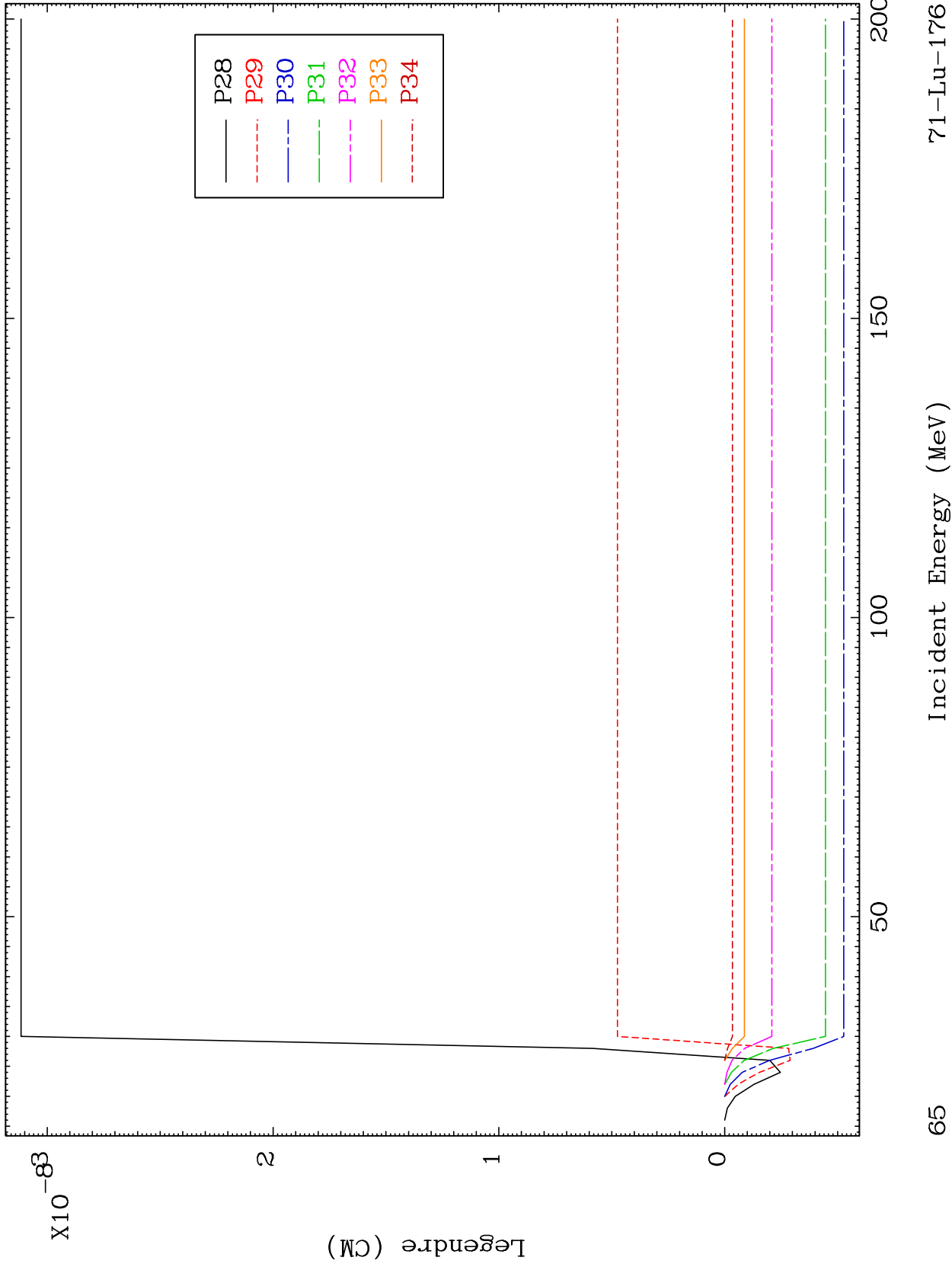
Incident Energy (MeV)

71-Lu-176

MAT 7128

388.9 keV (n, n') Level
Legendre Coefficients

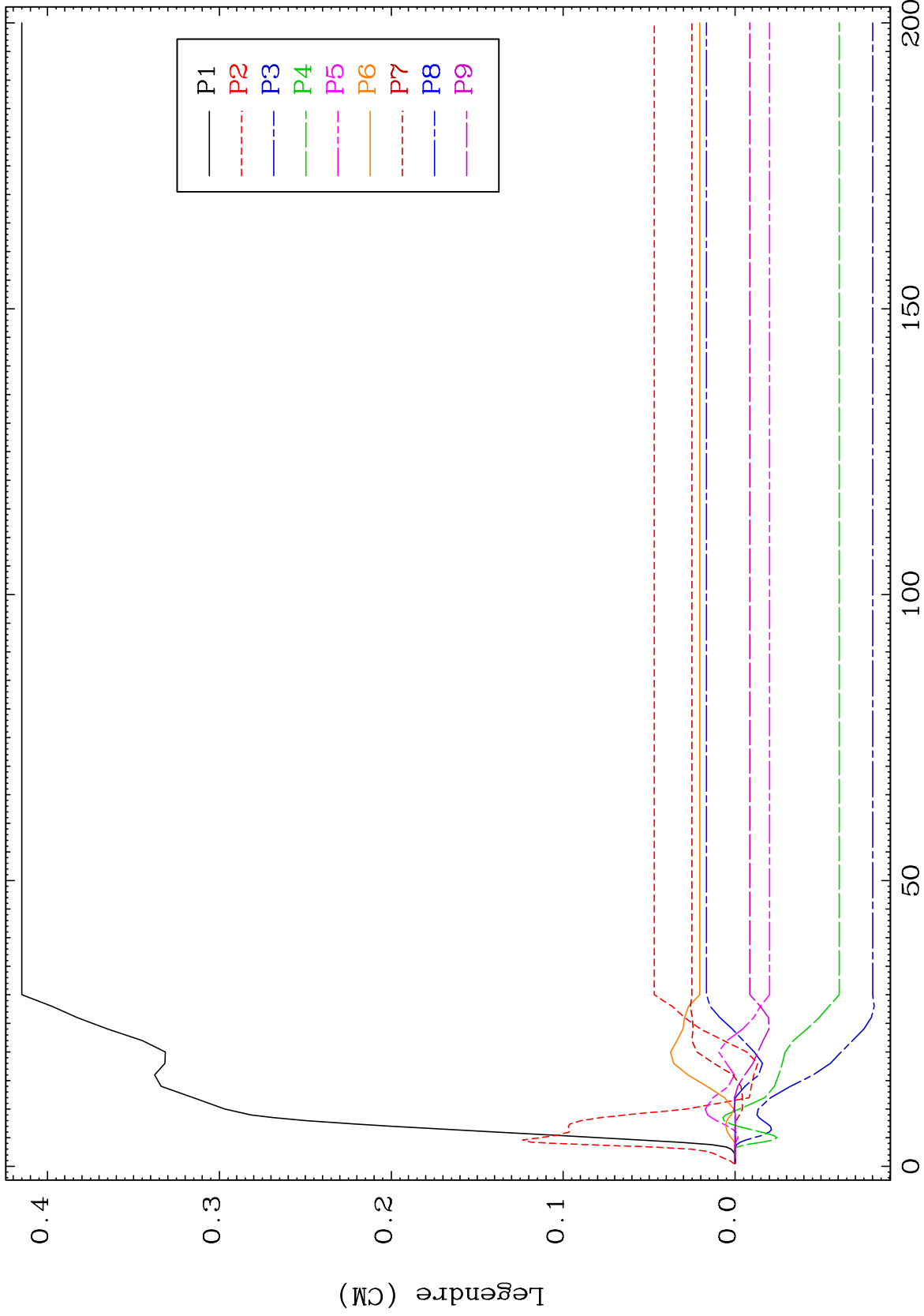
71-Lu-176



65

Incident Energy (MeV)

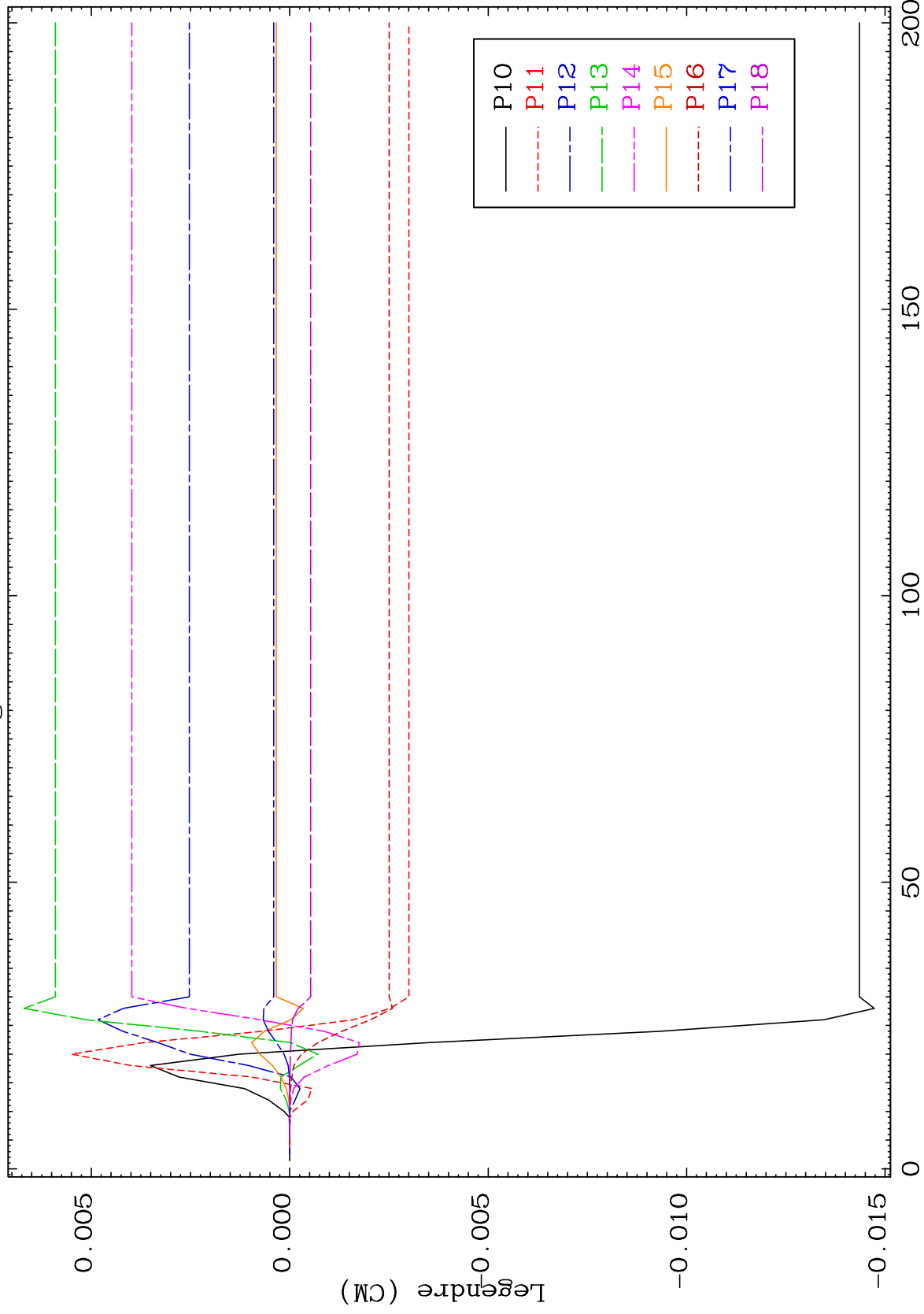
71-Lu-176



MAT 7128

424.9 keV (n,n') Level
Legendre Coefficients

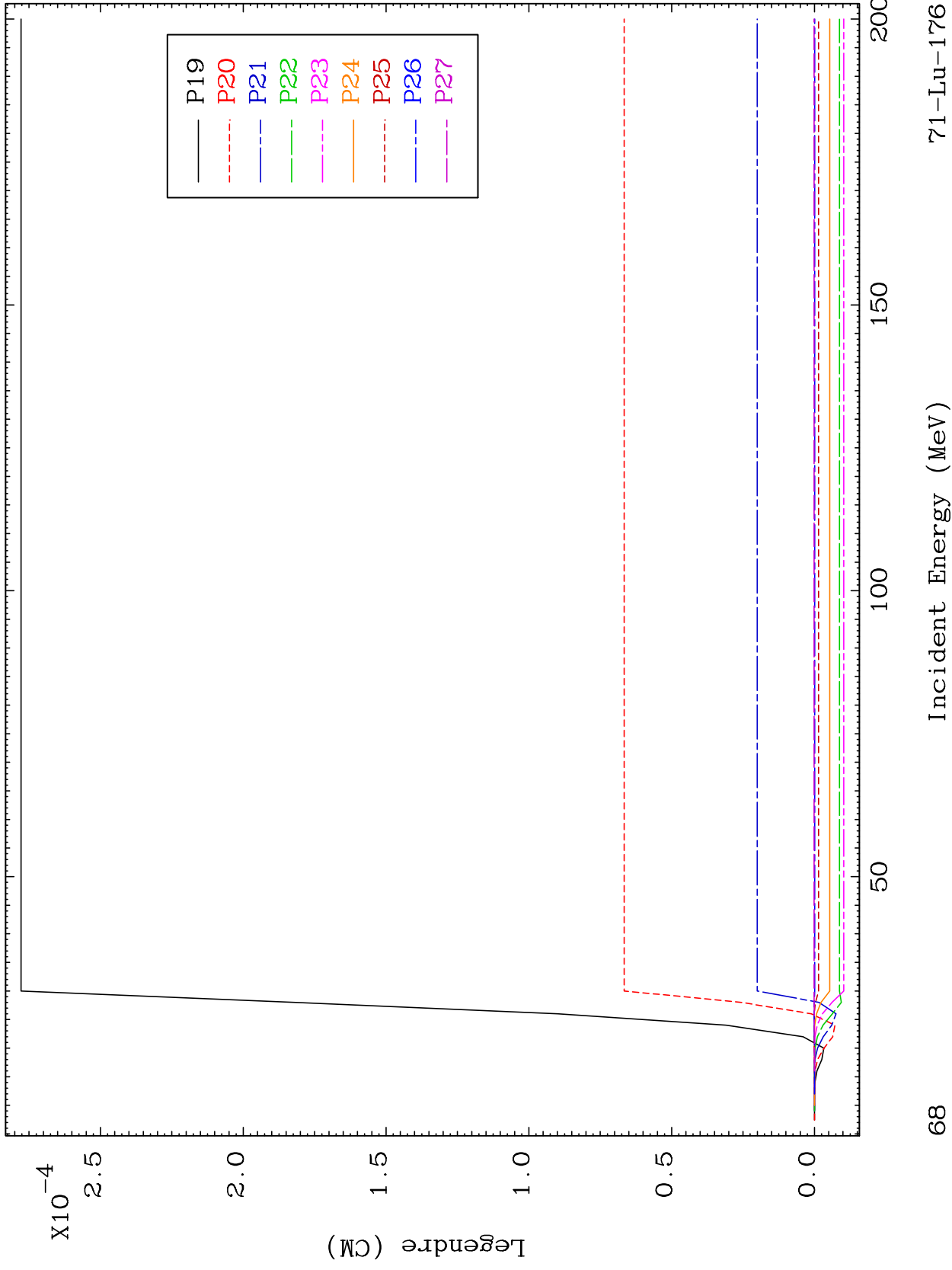
71-Lu-176

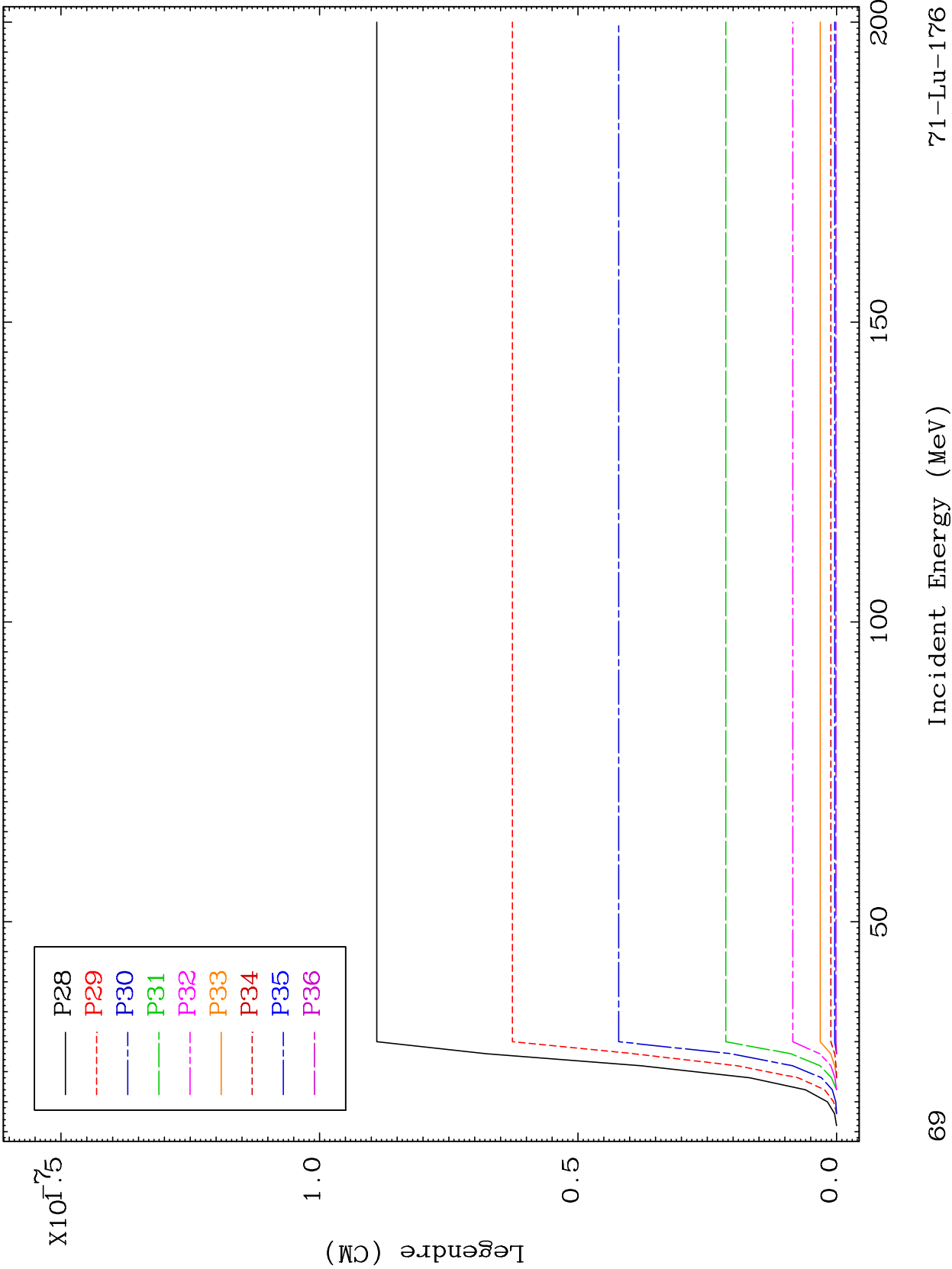


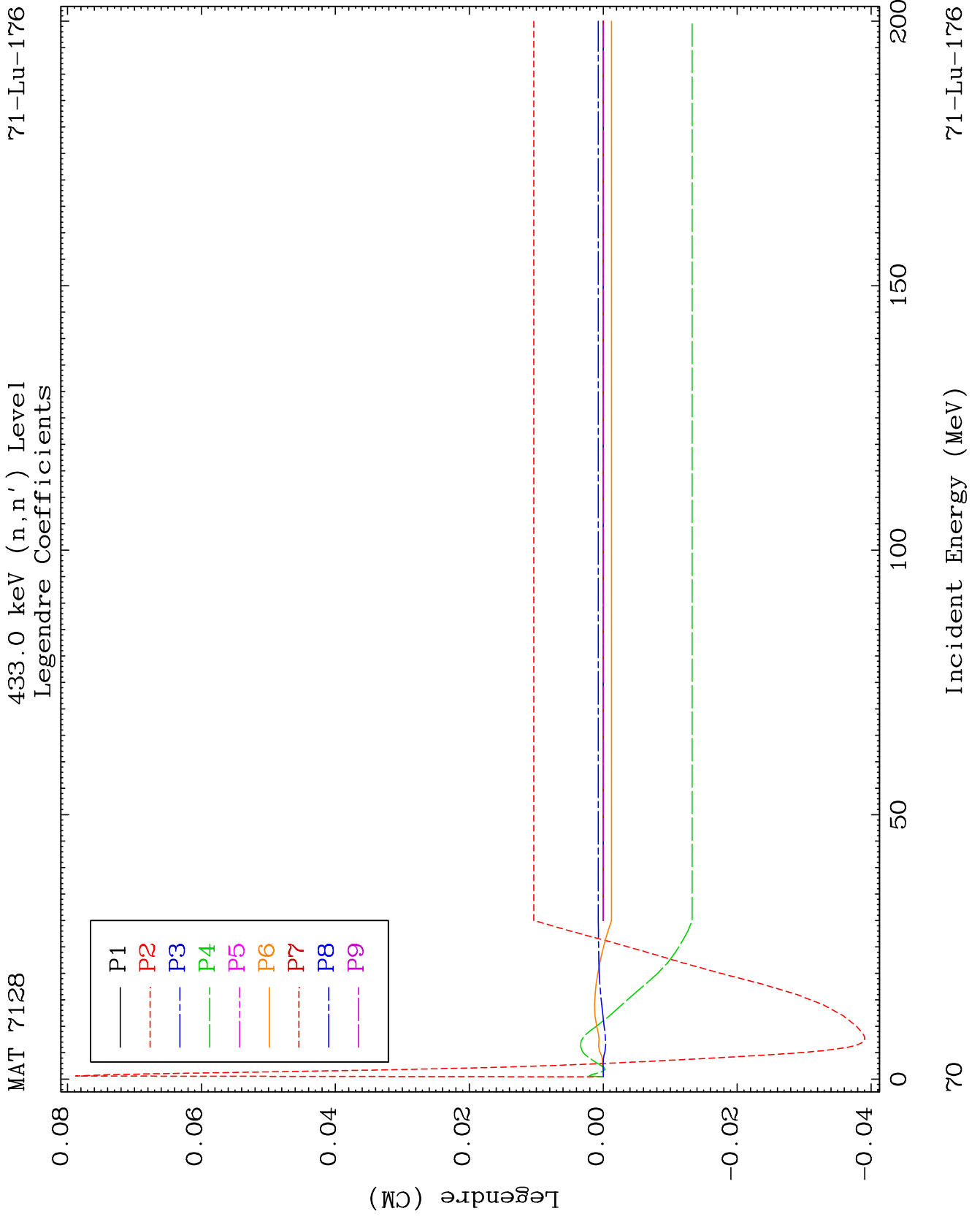
67

Incident Energy (MeV)

71-Lu-176



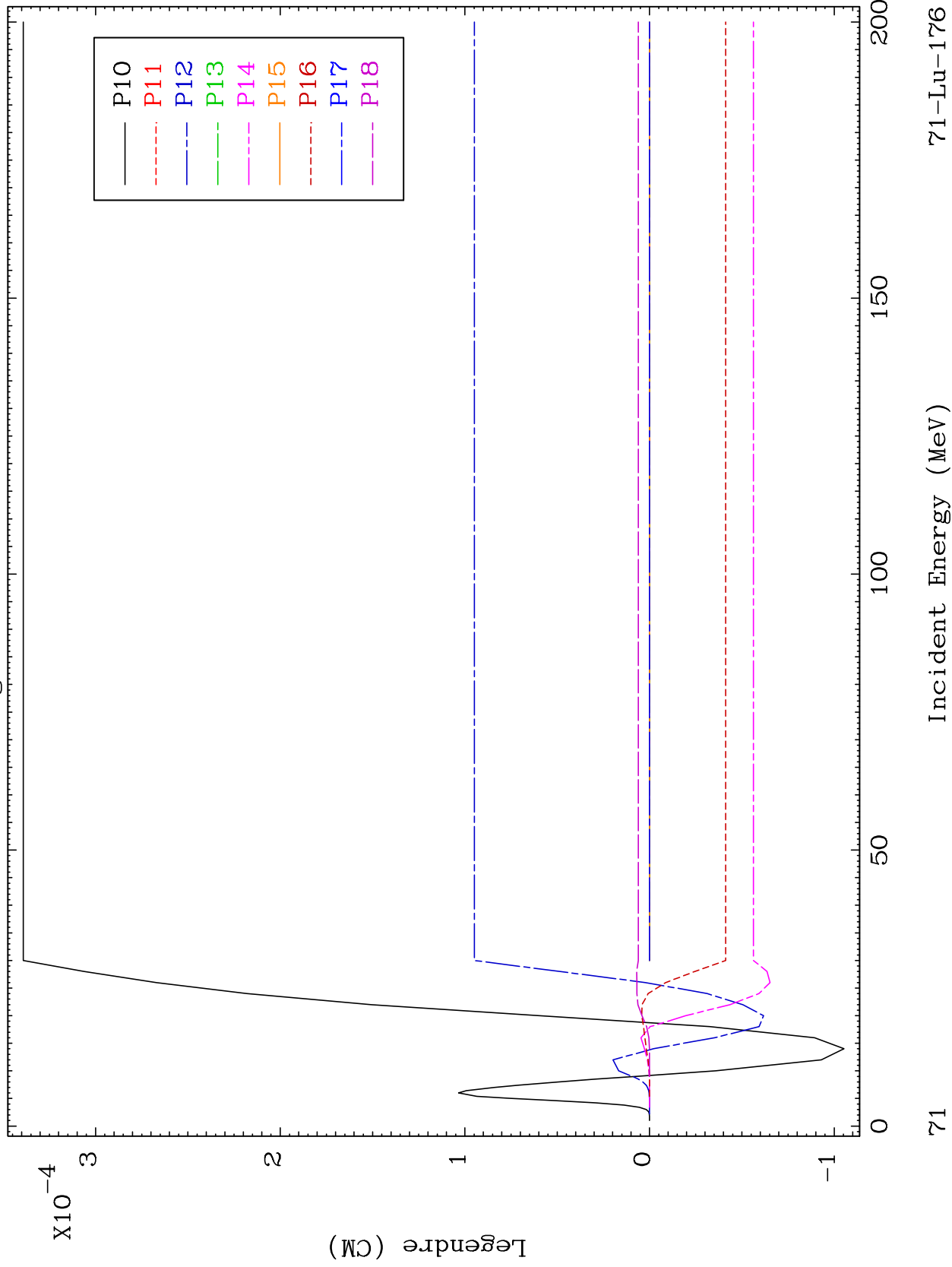




MAT 7128

433.0 keV (n,n') Level
Legendre Coefficients

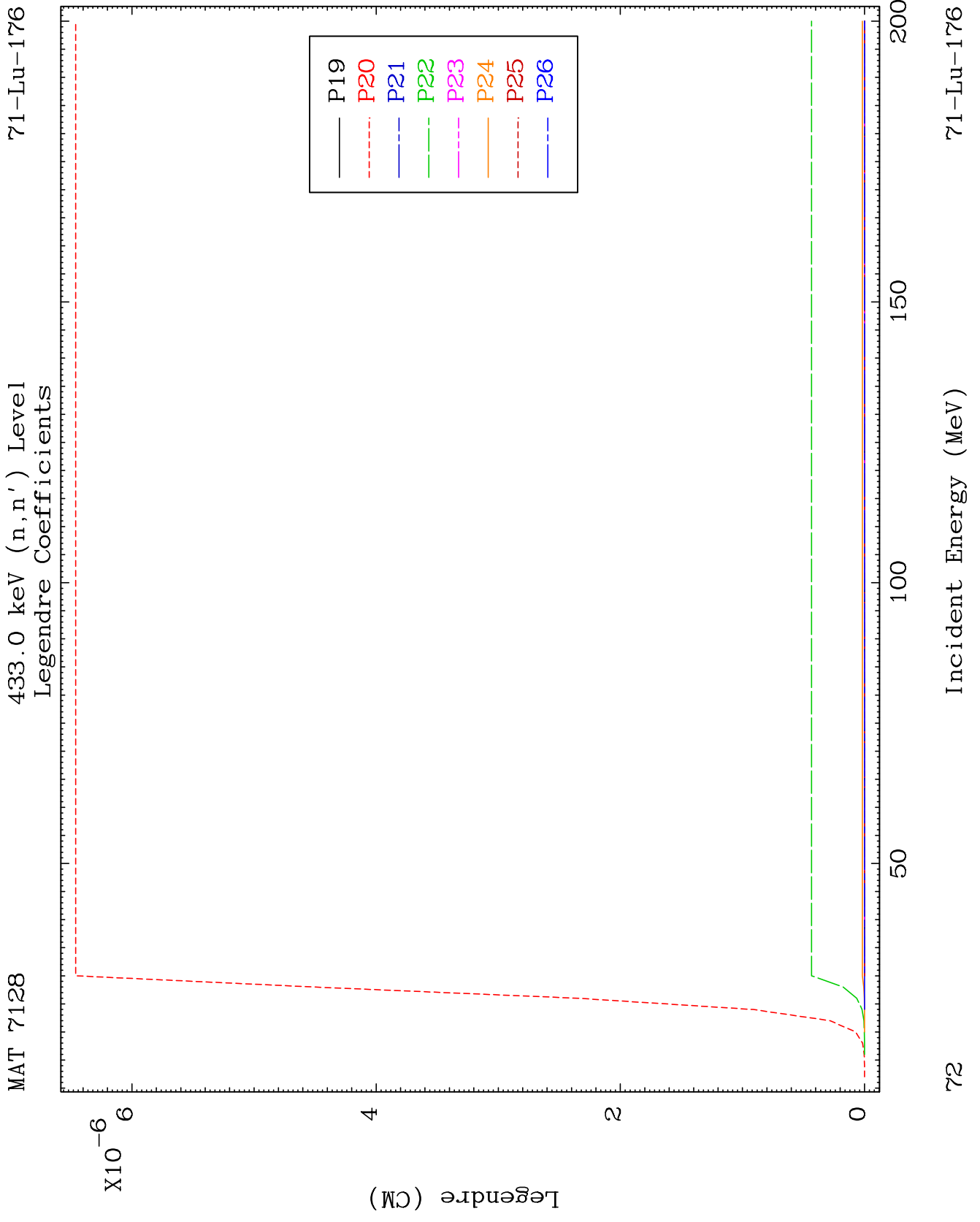
71-Lu-176



71-Lu-176

Incident Energy (MeV)

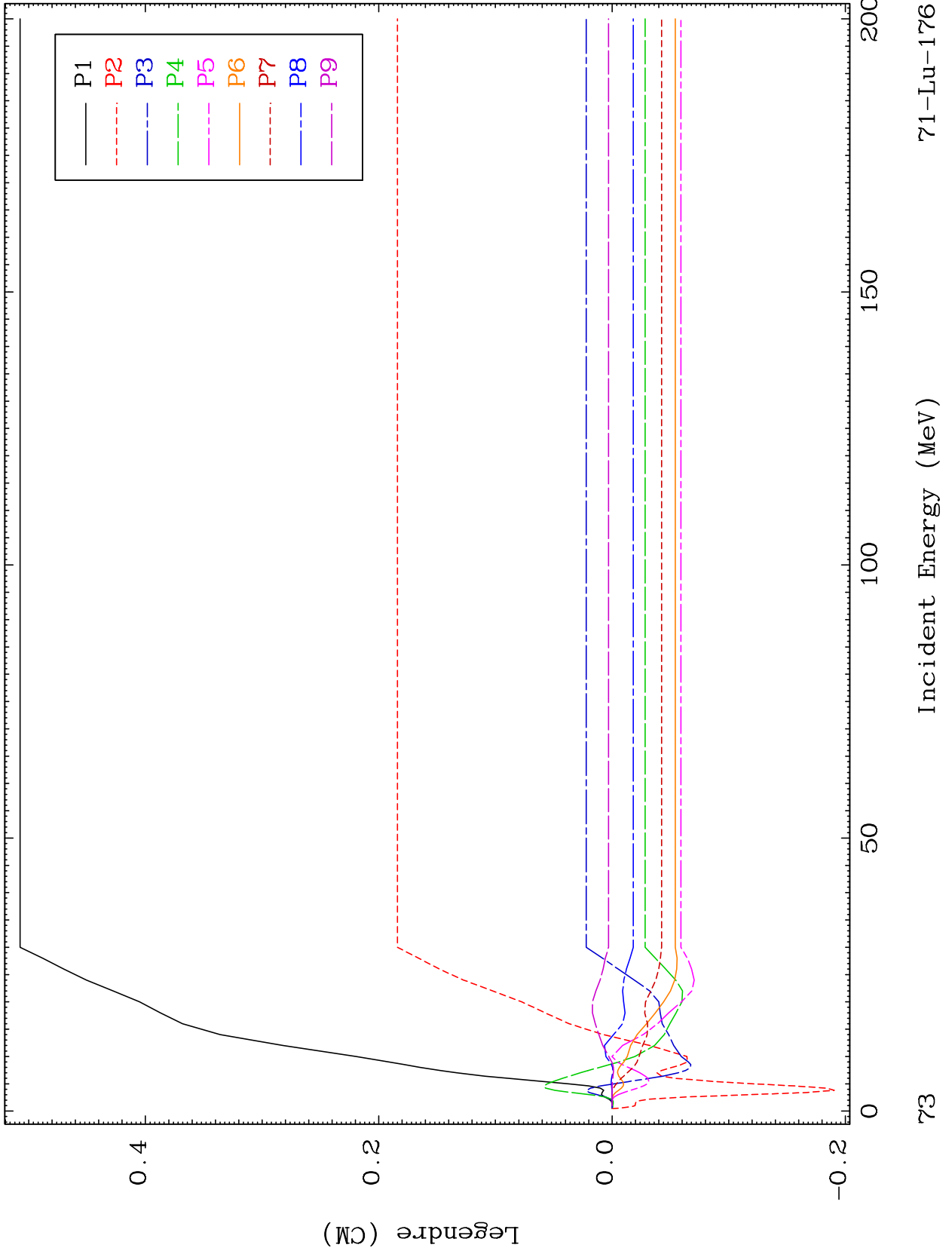
71



MAT 7128

437.3 keV (n,n') Level
Legendre Coefficients

71-Lu-176



71-Lu-176

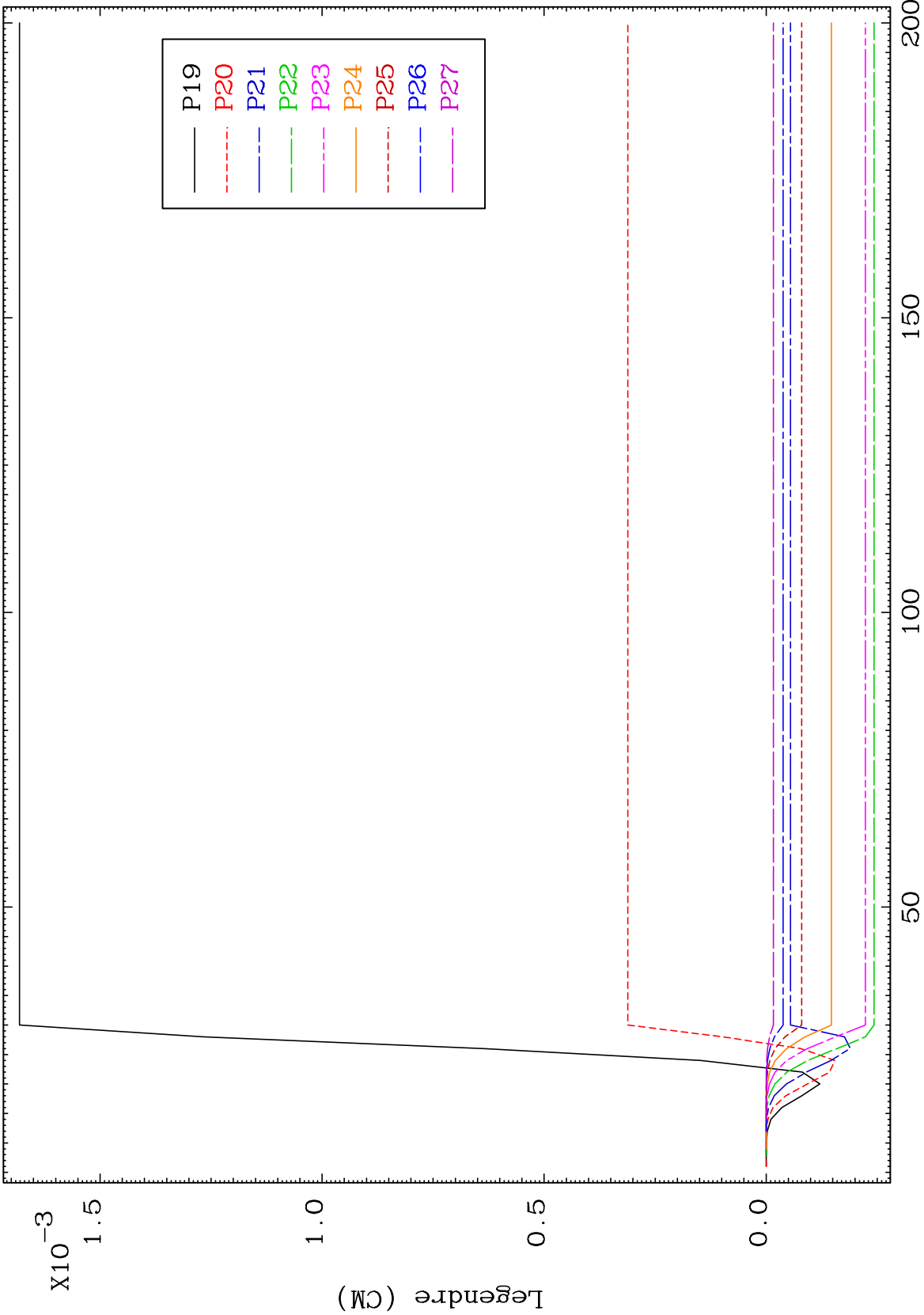
Incident Energy (MeV)

73

MAT 7128

437.3 keV (n,n') Level
Legendre Coefficients

71-Lu-176



71-Lu-176

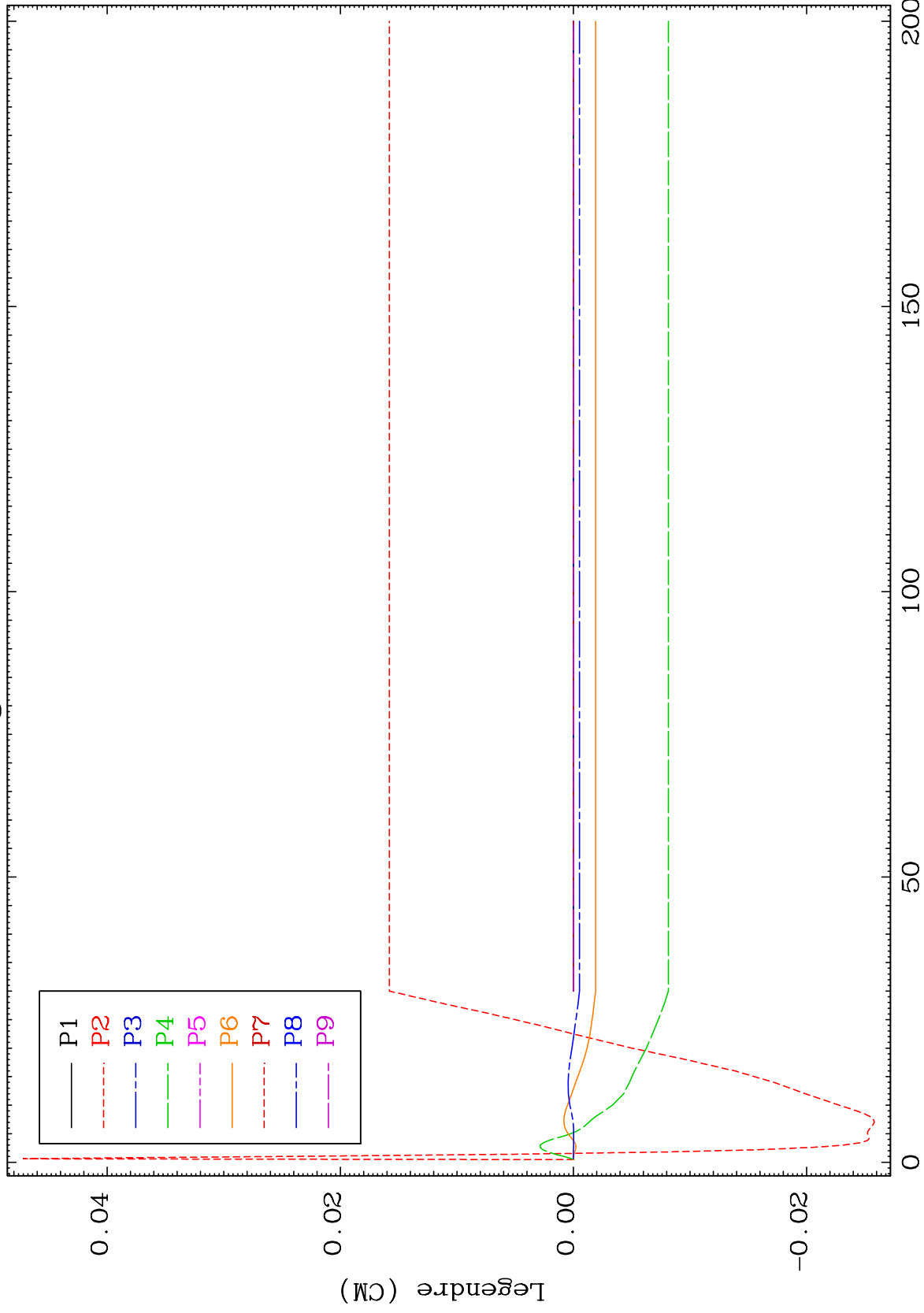
Incident Energy (MeV)

75

MAT 7128

450.1 keV (n,n') Level
Legendre Coefficients

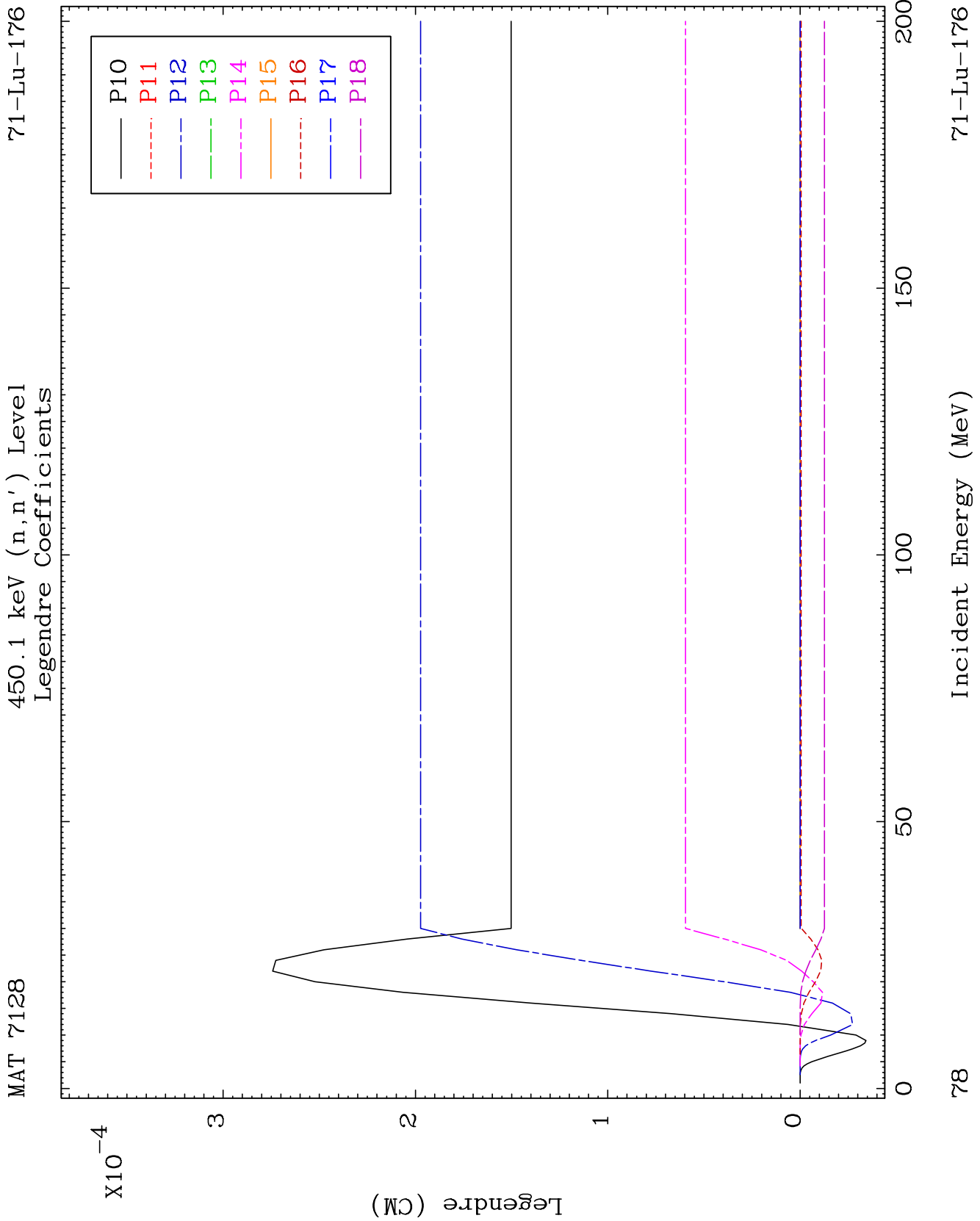
71-Lu-176

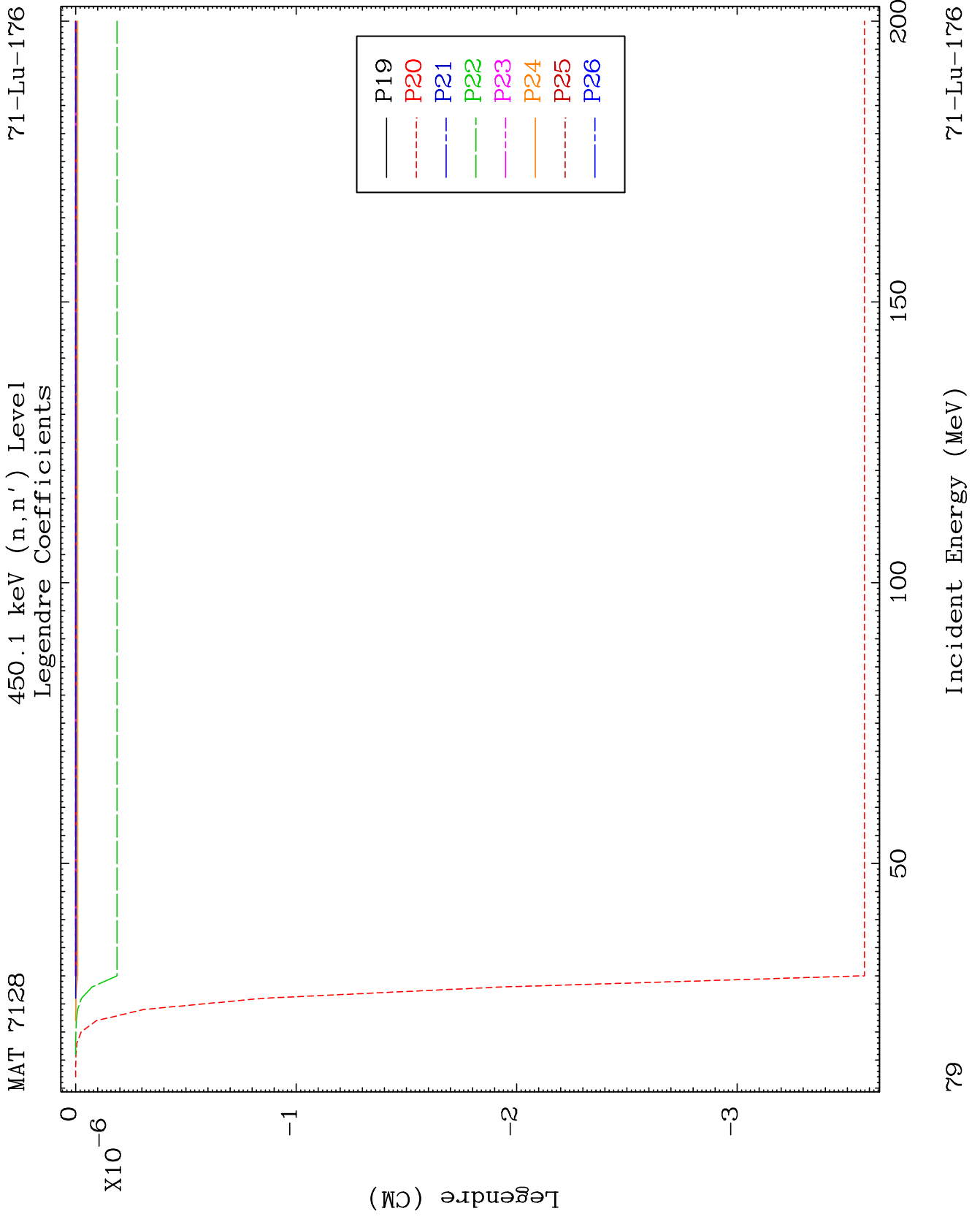


77

Incident Energy (MeV)

71-Lu-176

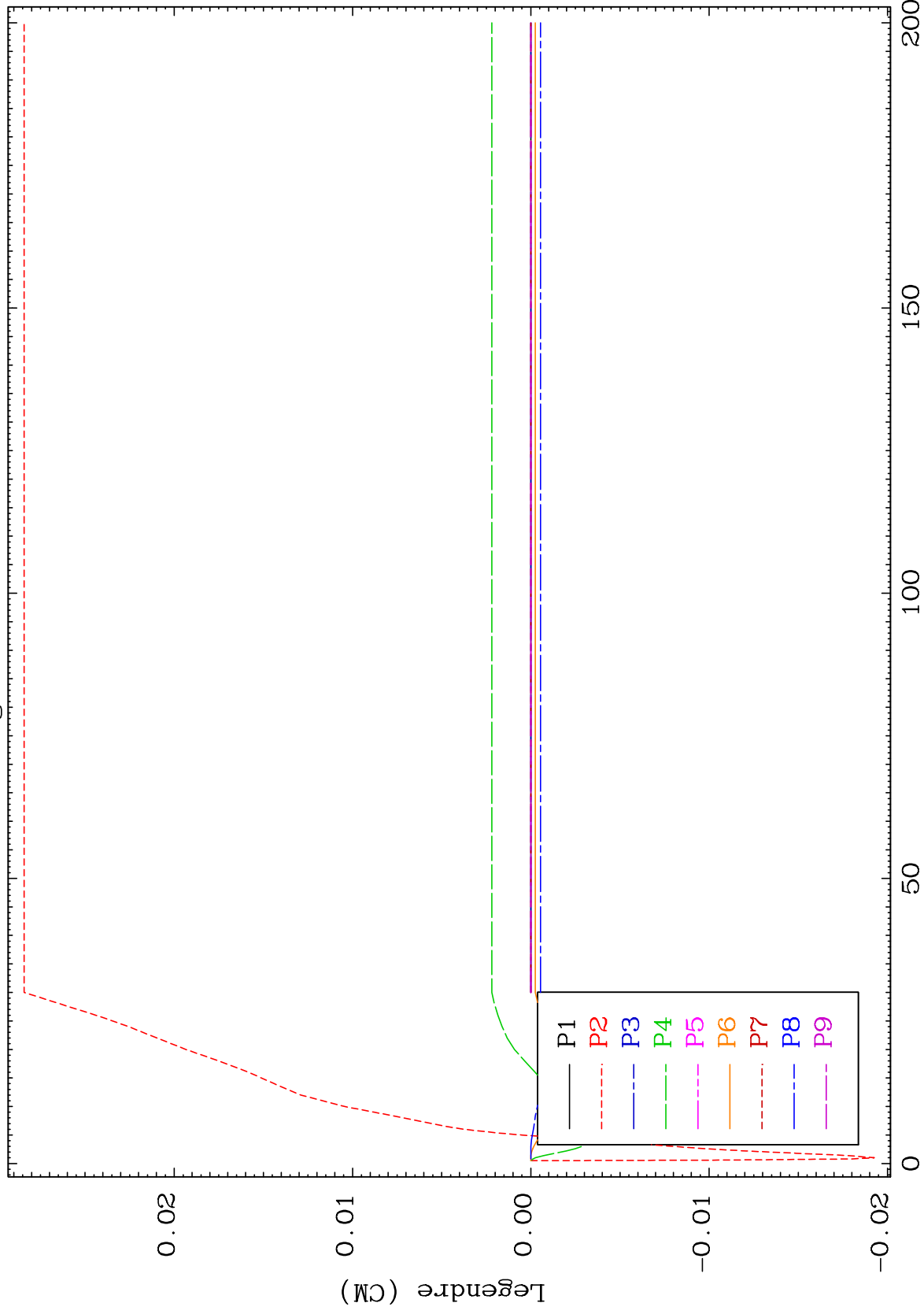




MAT 7128

487.6 keV (n,n') Level
Legendre Coefficients

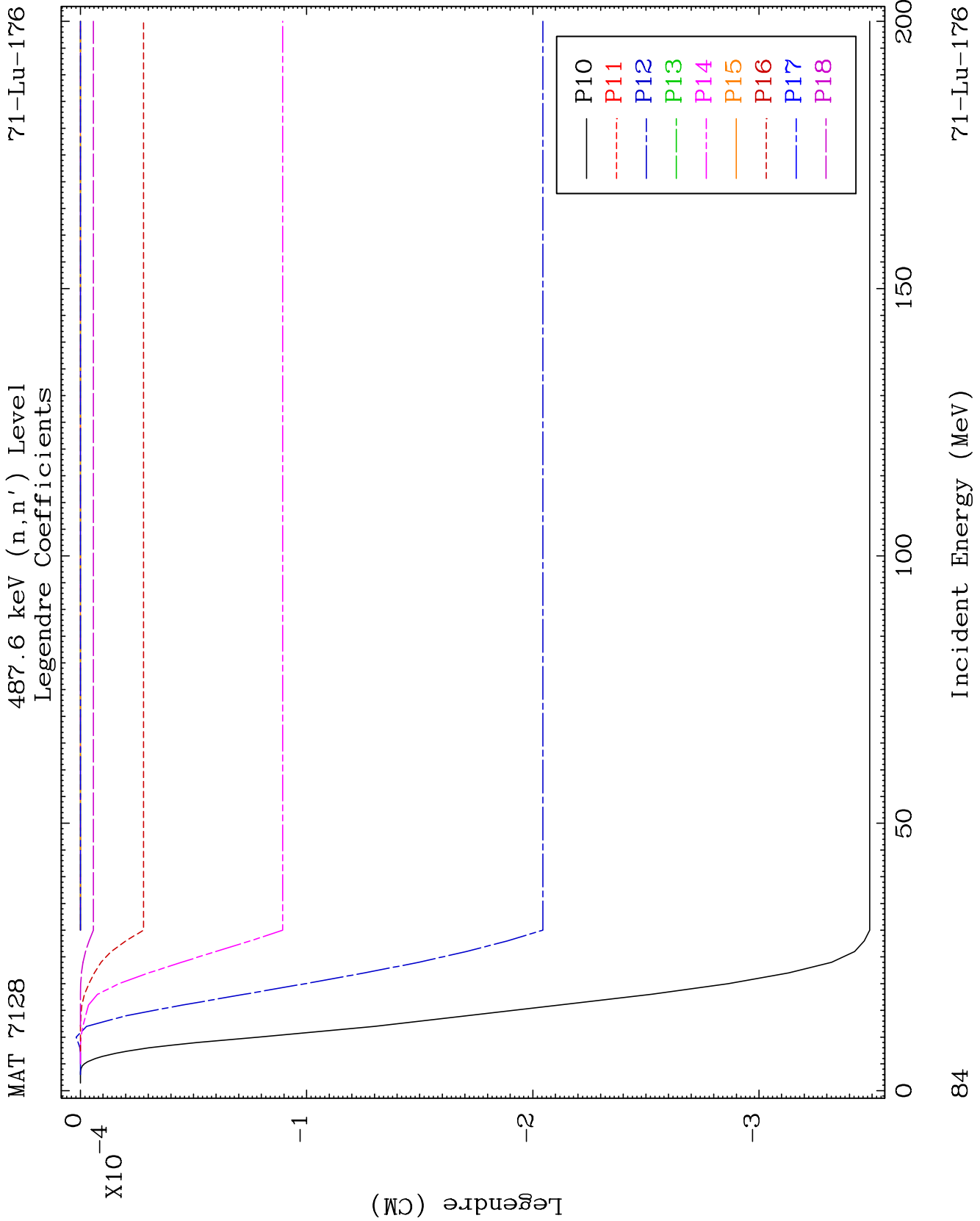
71-Lu-176

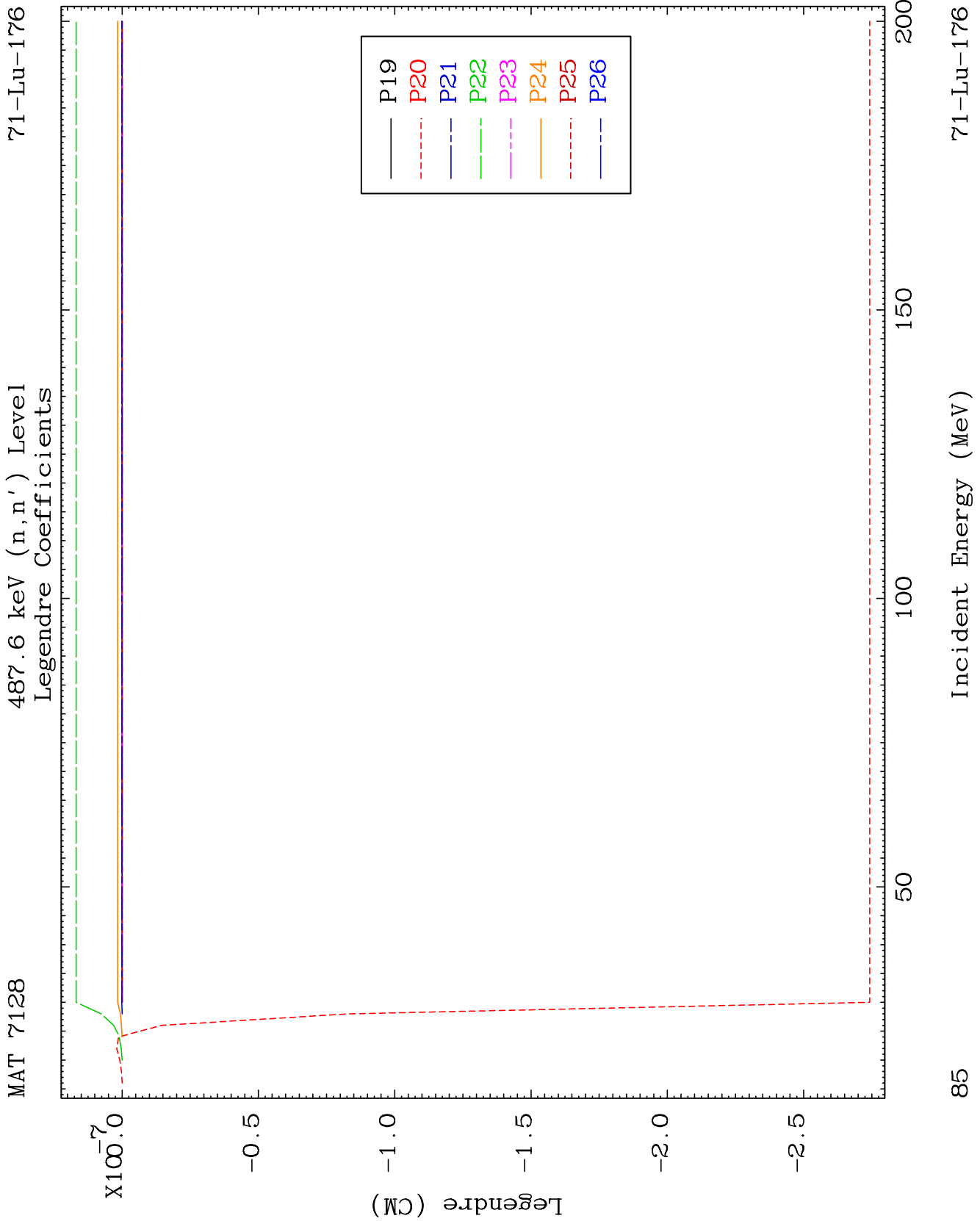


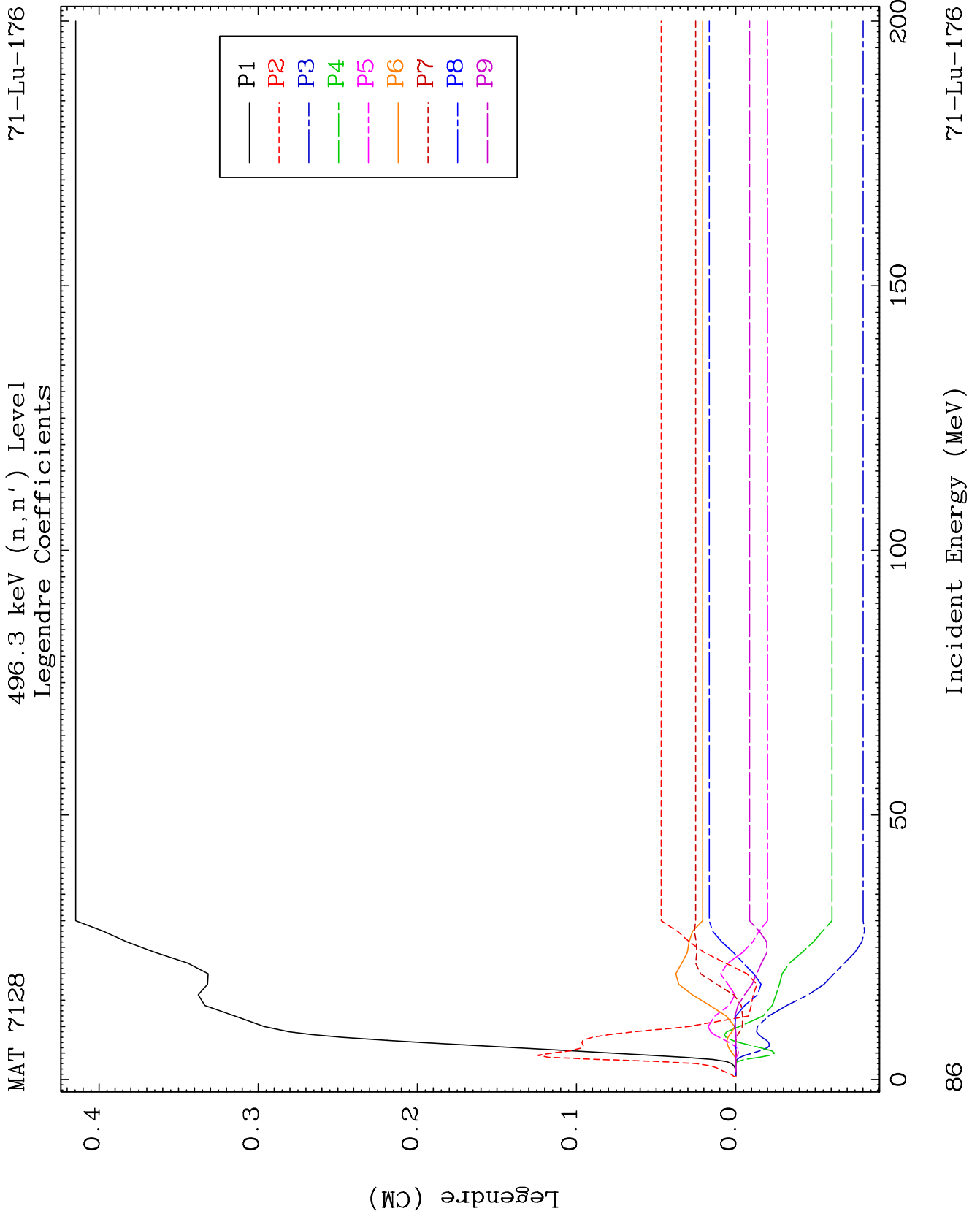
83

Incident Energy (MeV)

71-Lu-176



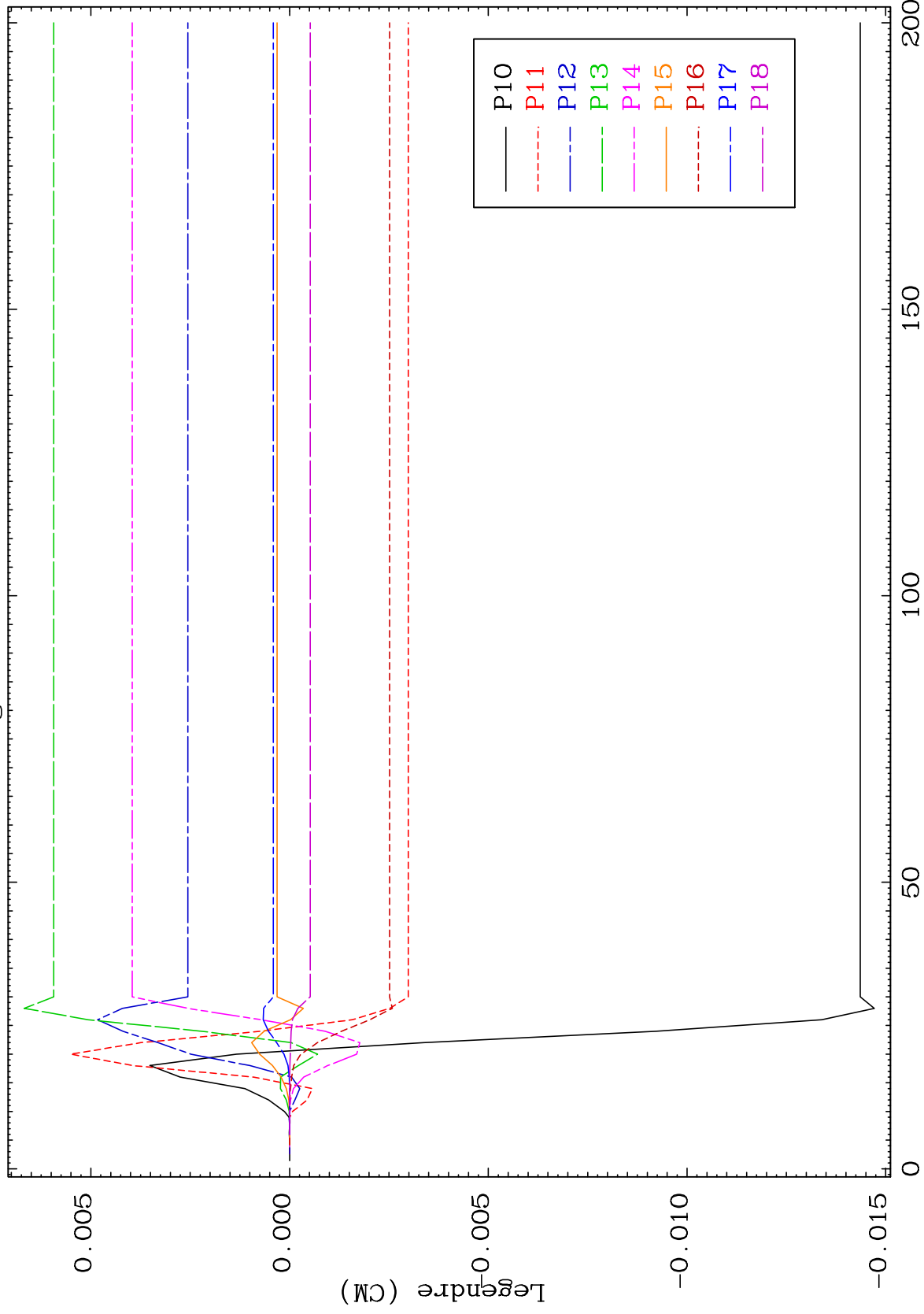




MAT 7128

496.3 keV (n,n') Level
Legendre Coefficients

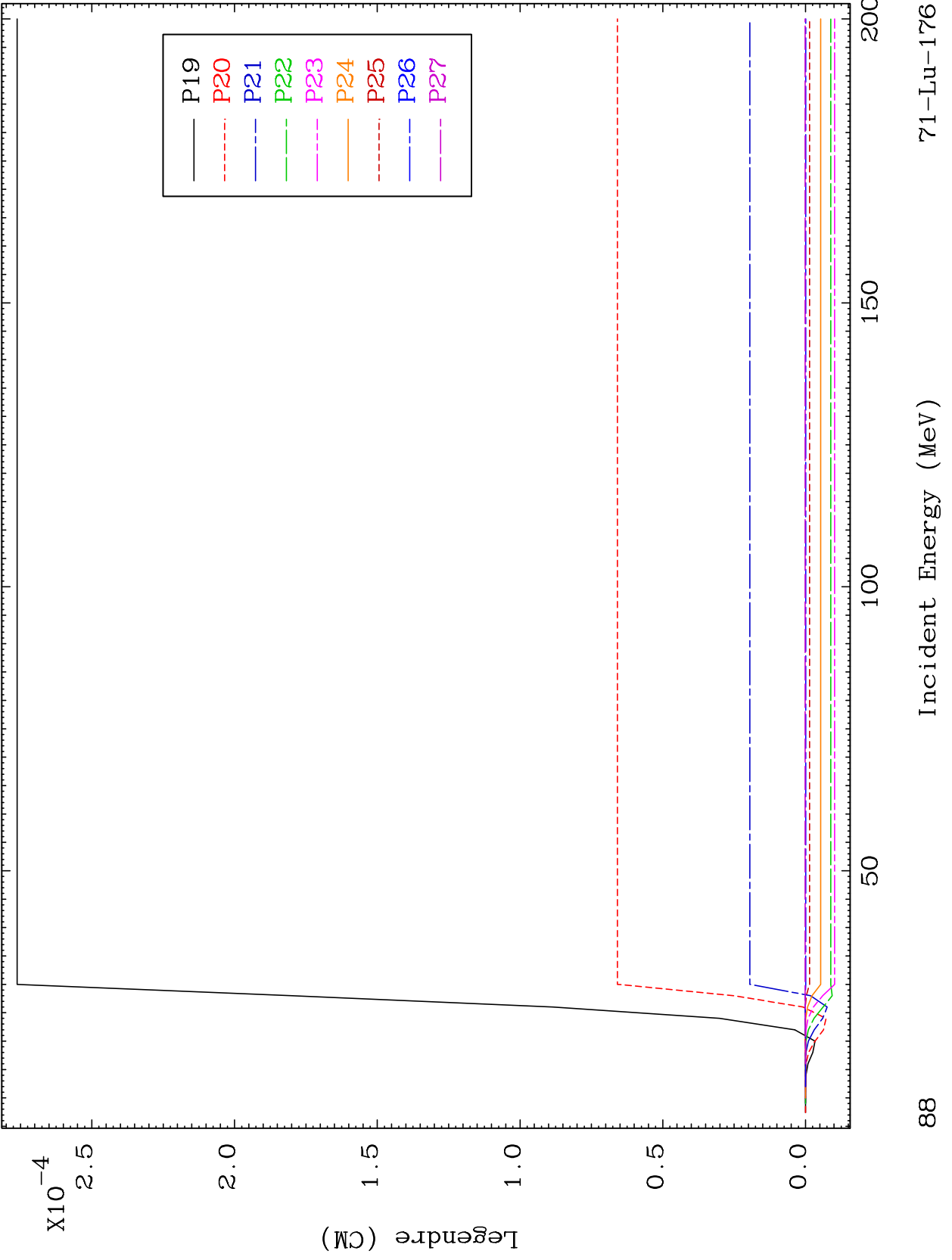
71-Lu-176



87

Incident Energy (MeV)

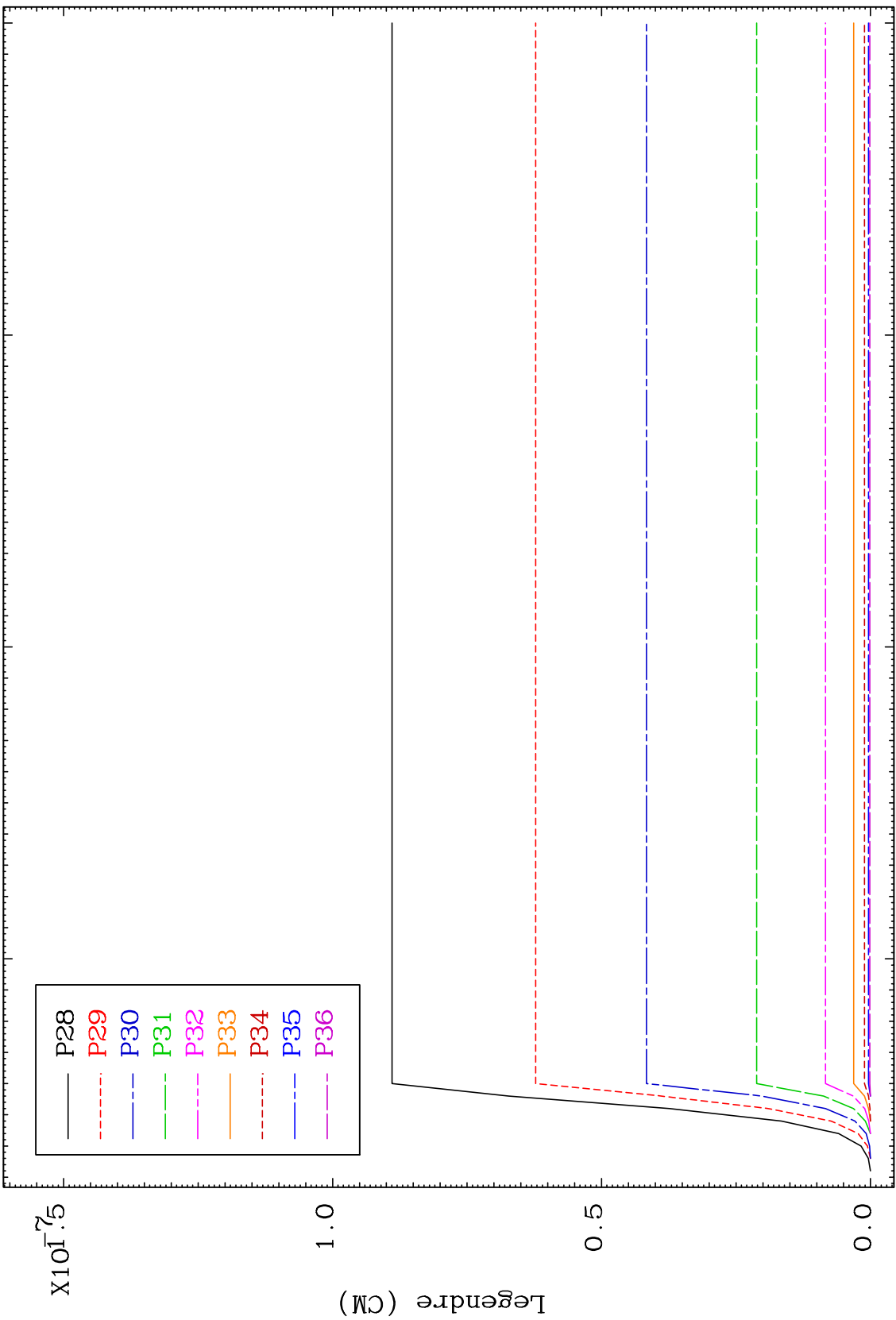
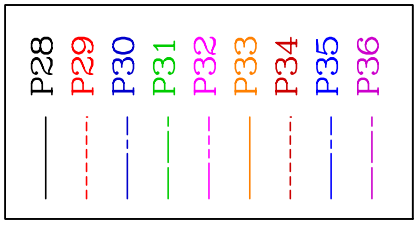
71-Lu-176



MAT 7128

496.3 keV (n, n') Level
Legendre Coefficients

71-Lu-176



89

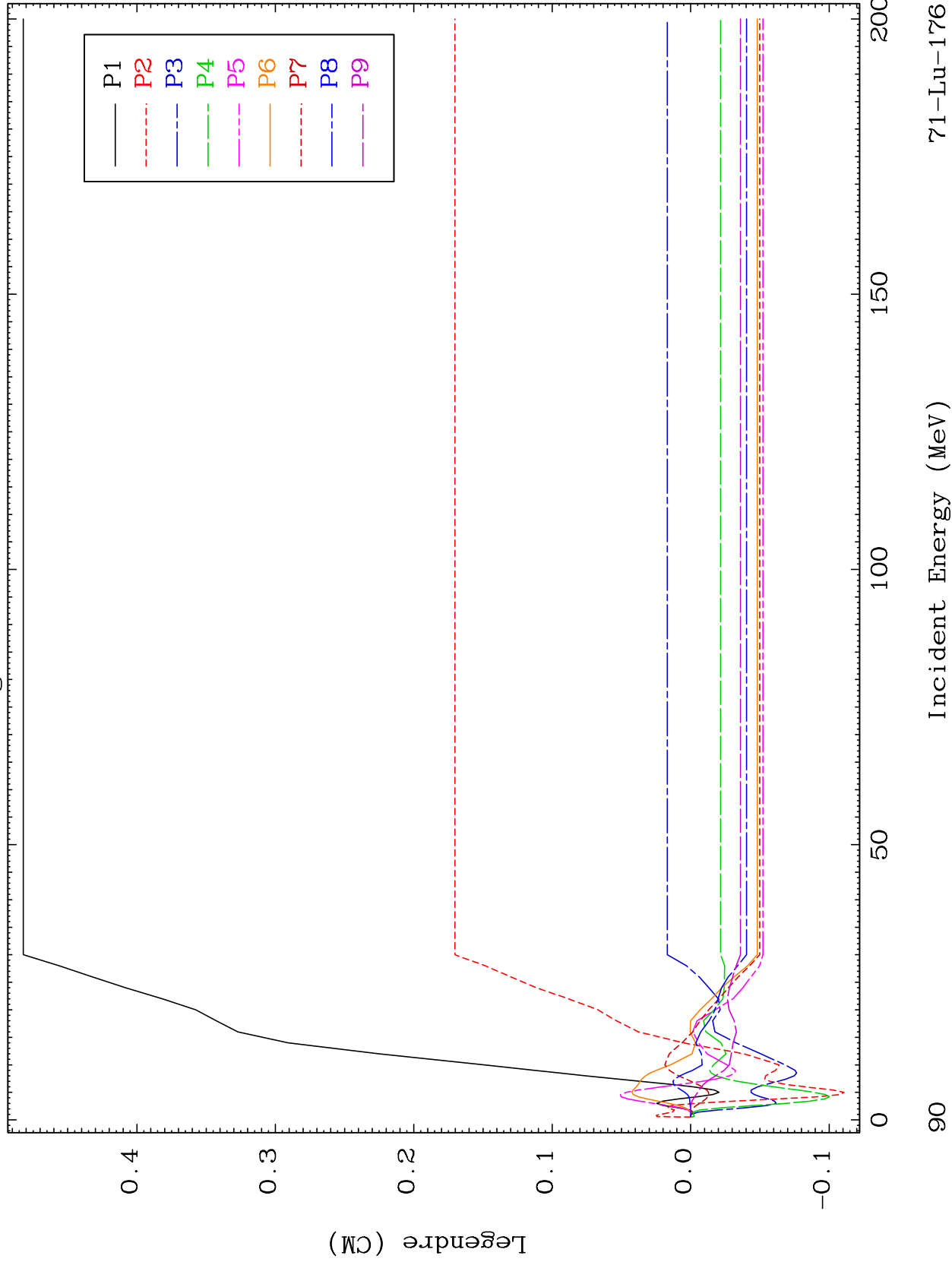
Incident Energy (MeV)

71-Lu-176

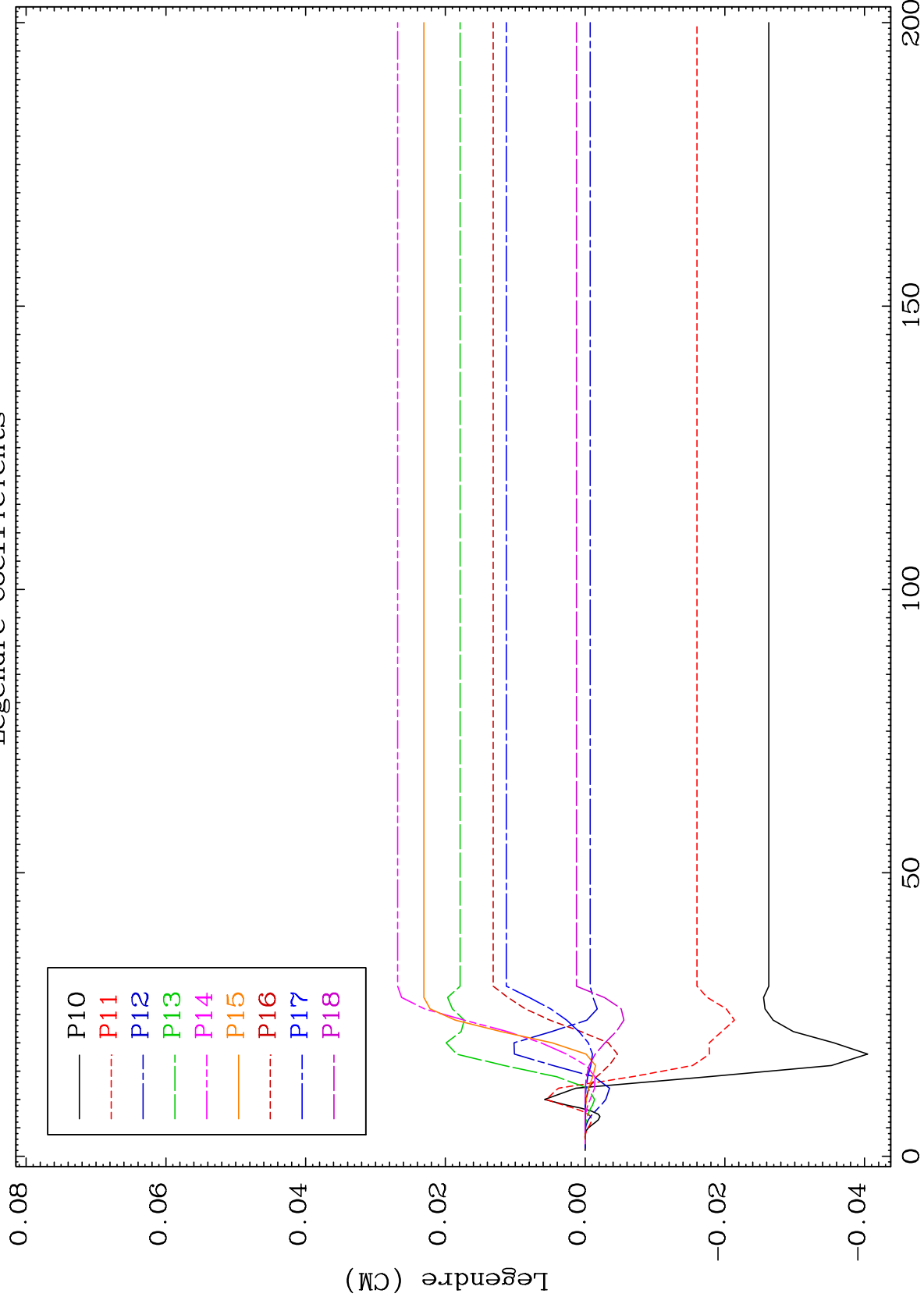
MAT 7128

504.9 keV (n, n') Level
Legendre Coefficients

71-Lu-176



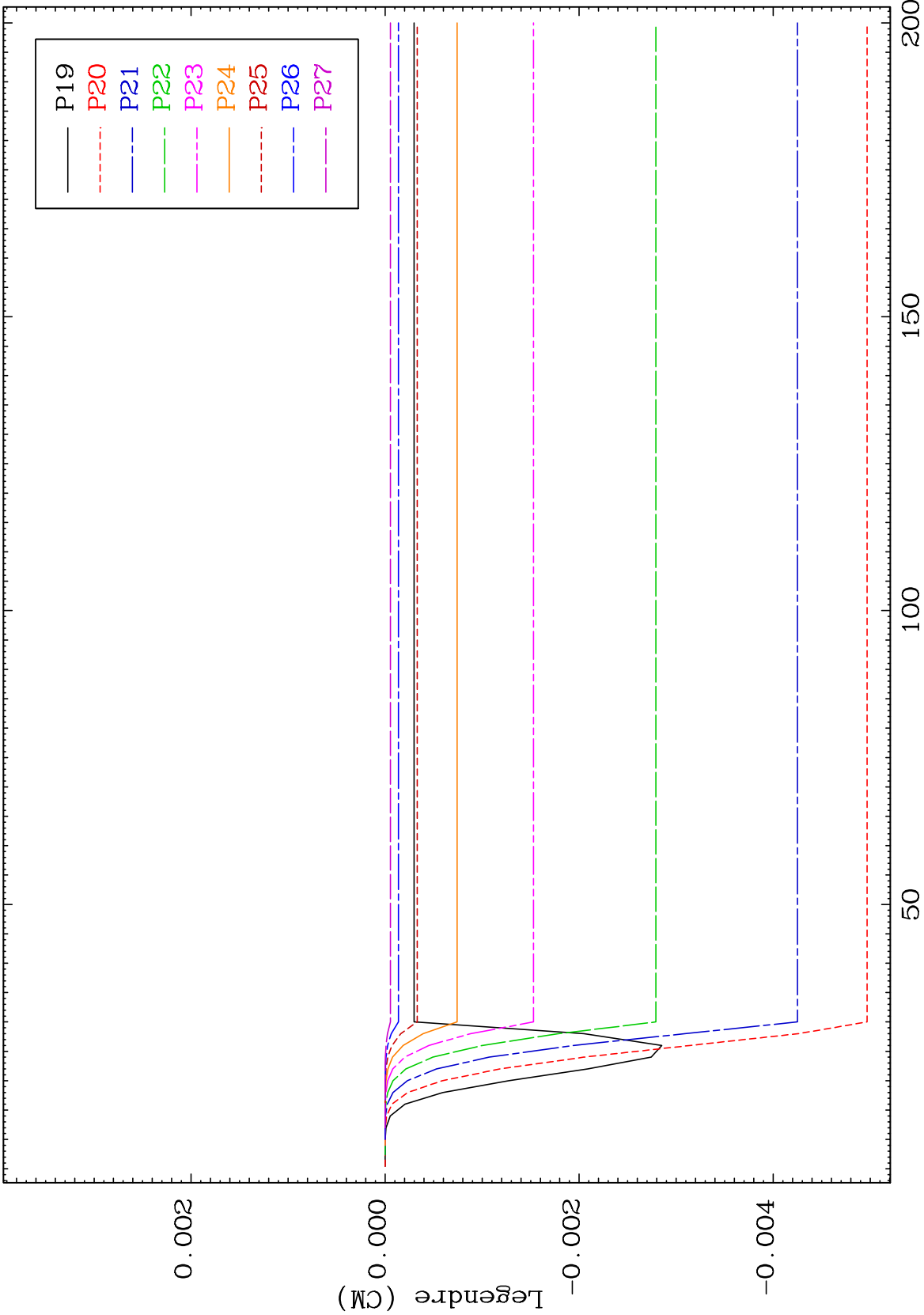
71-Lu-176



MAT 7128

504.9 keV (n, n') Level
Legendre Coefficients

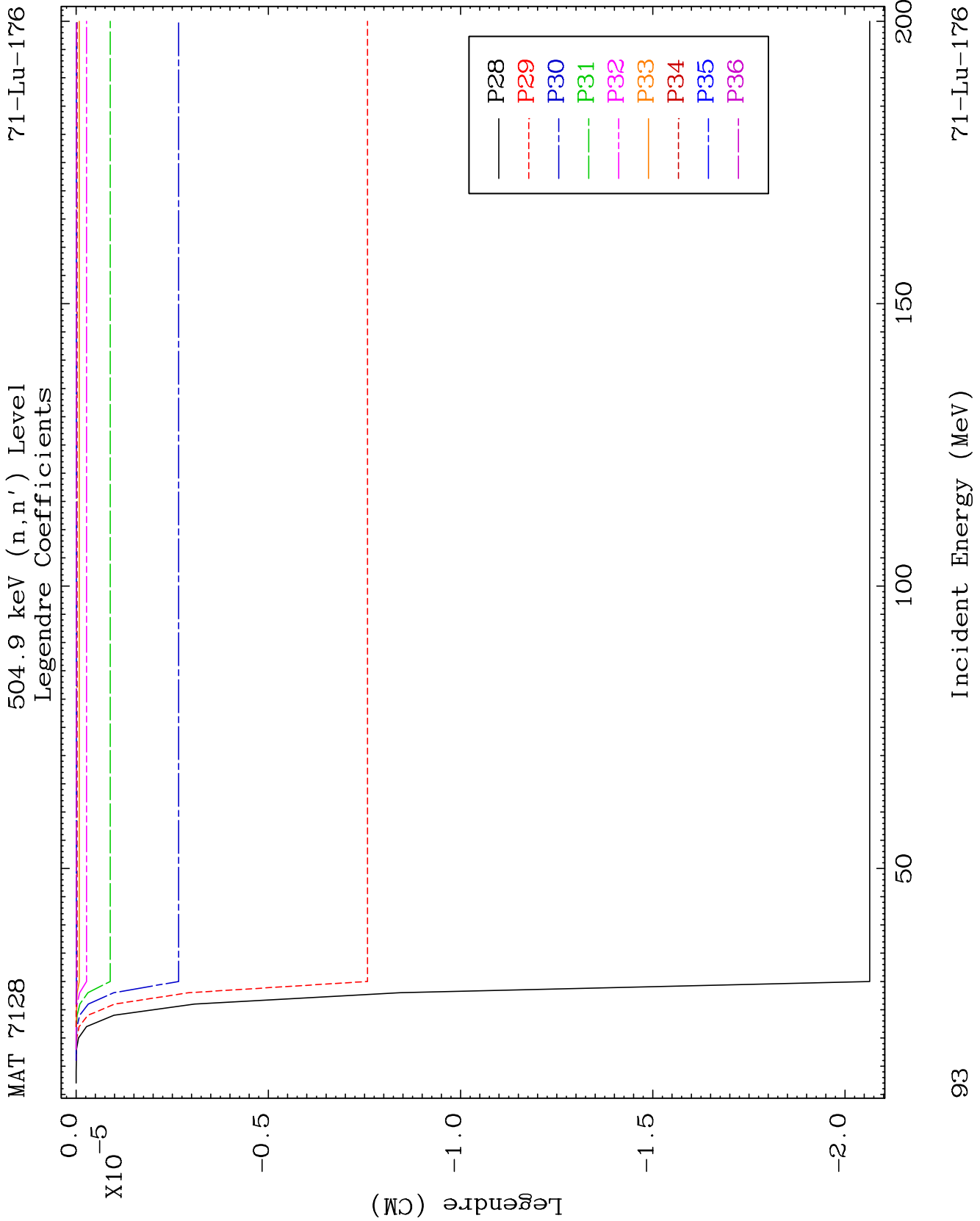
71-Lu-176

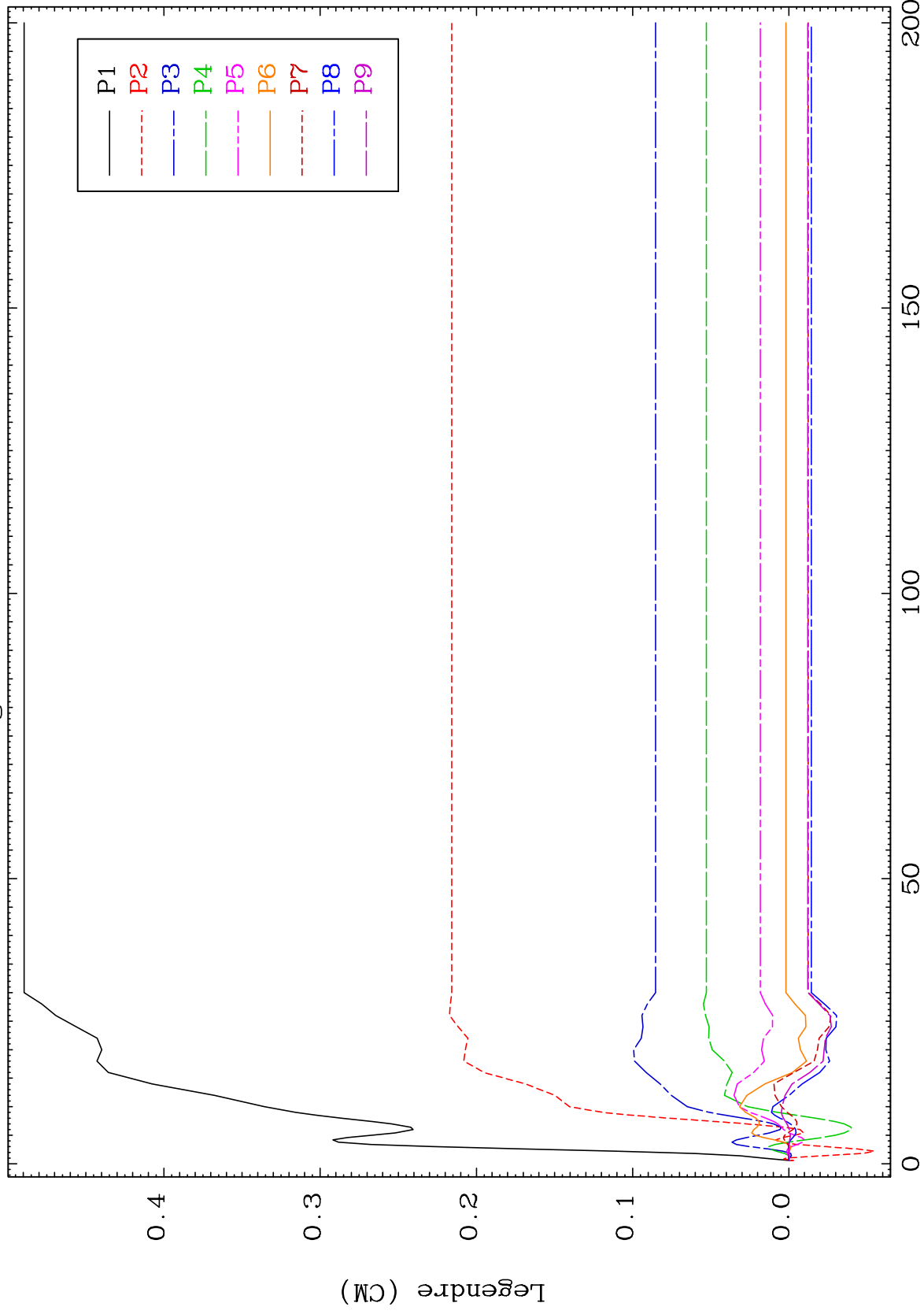


92

Incident Energy (MeV)

71-Lu-176

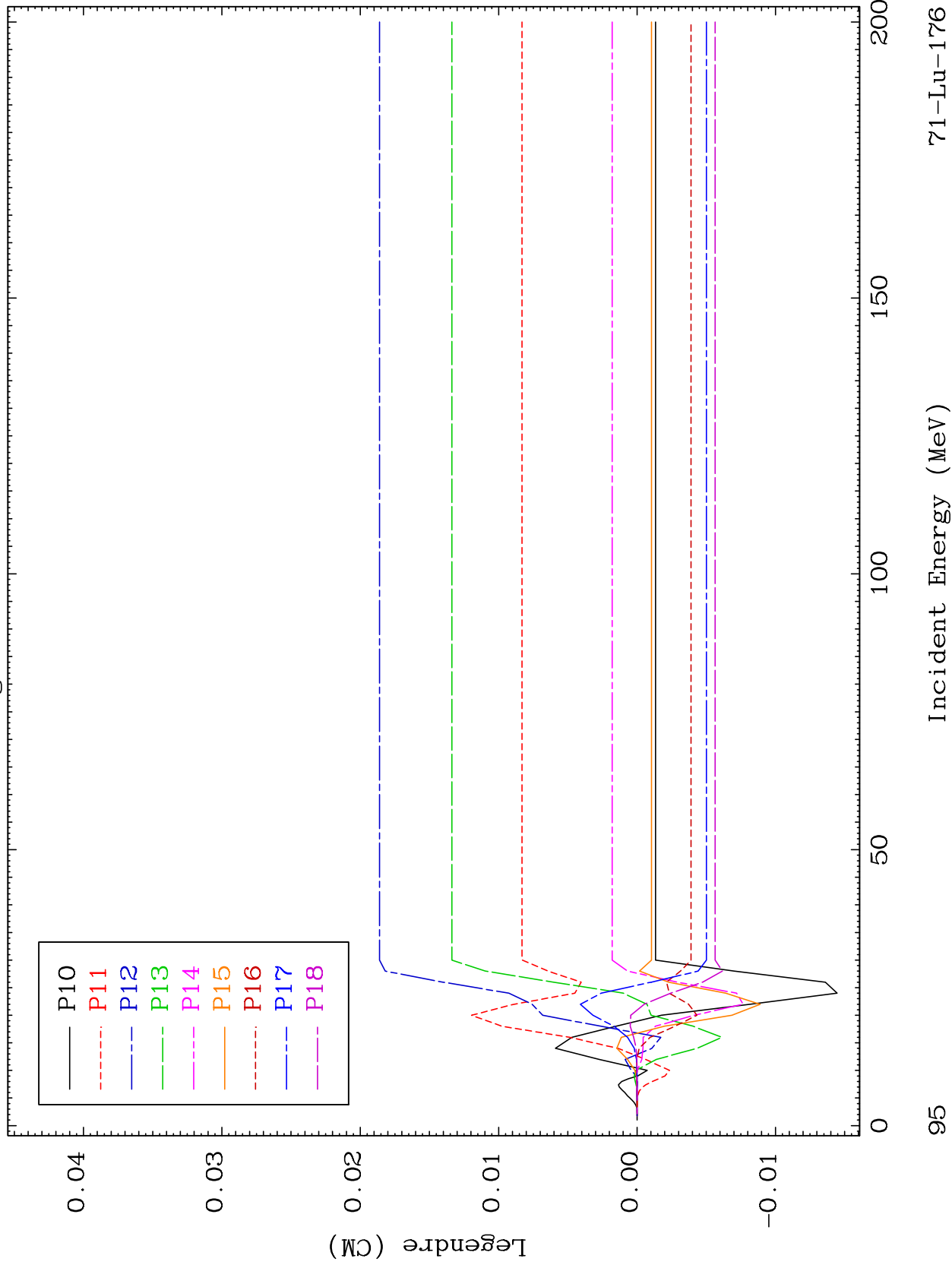




MAT 7128

533.1 keV (n,n') Level
Legendre Coefficients

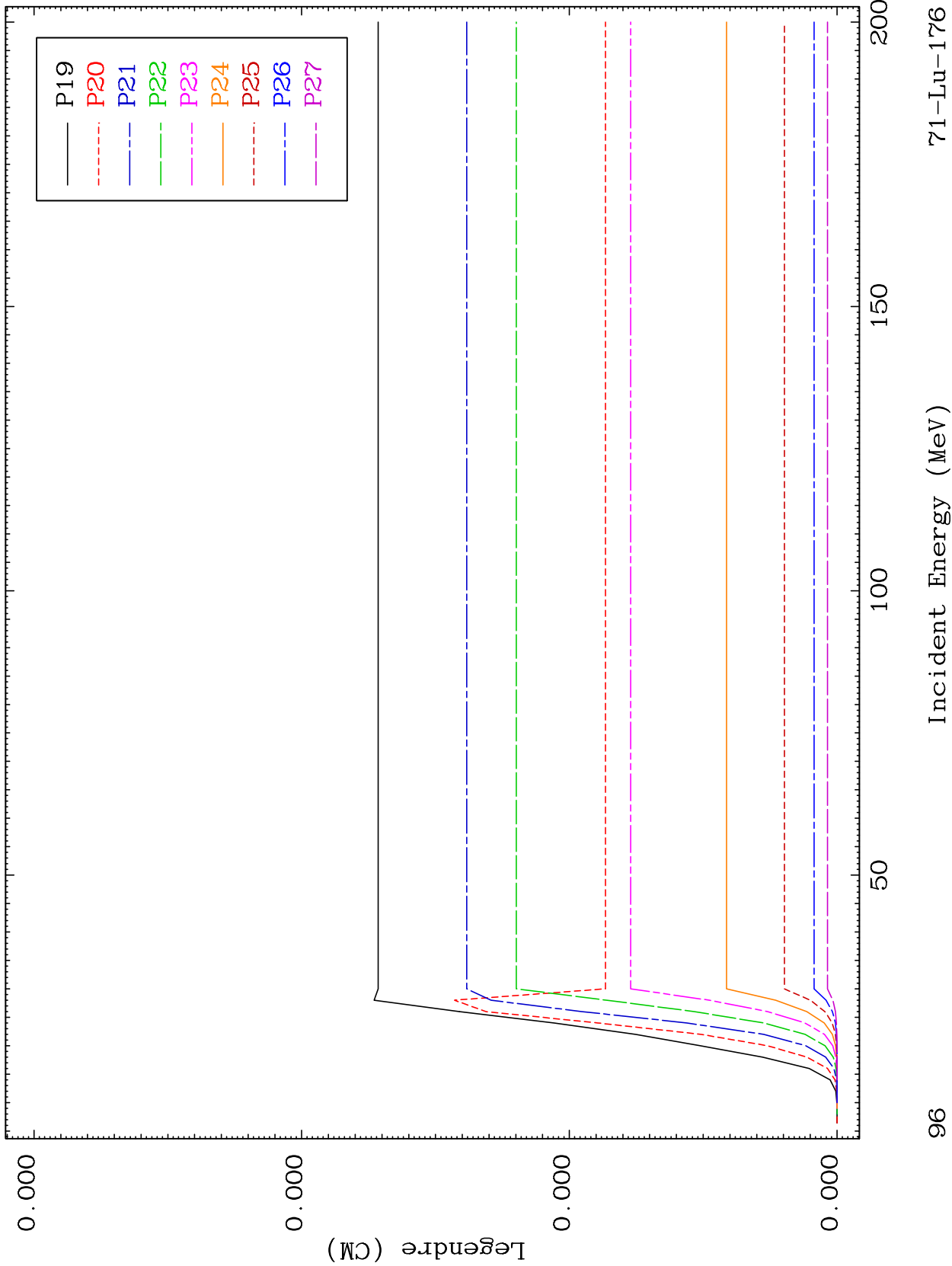
71-Lu-176



71-Lu-176

Incident Energy (MeV)

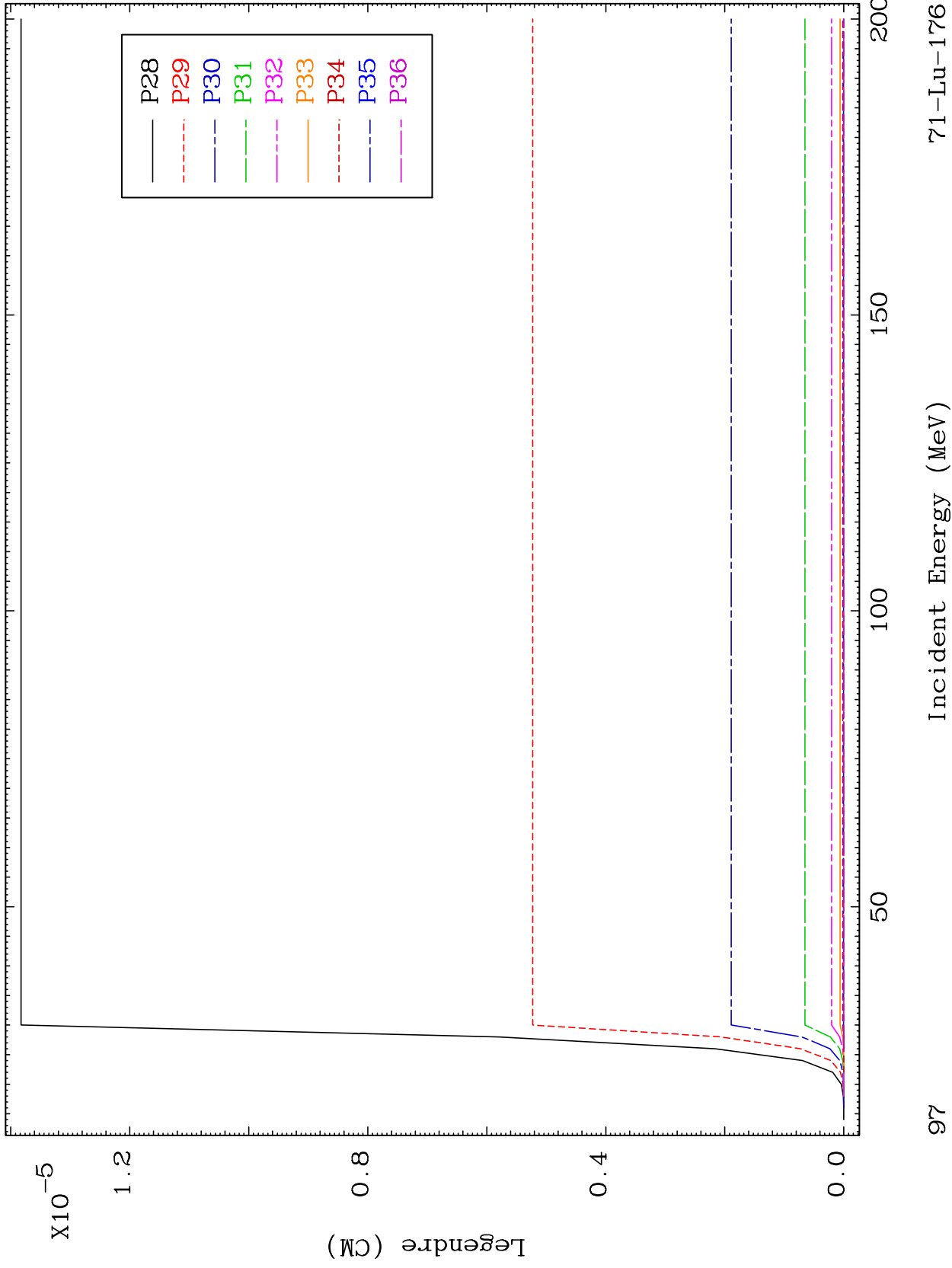
95

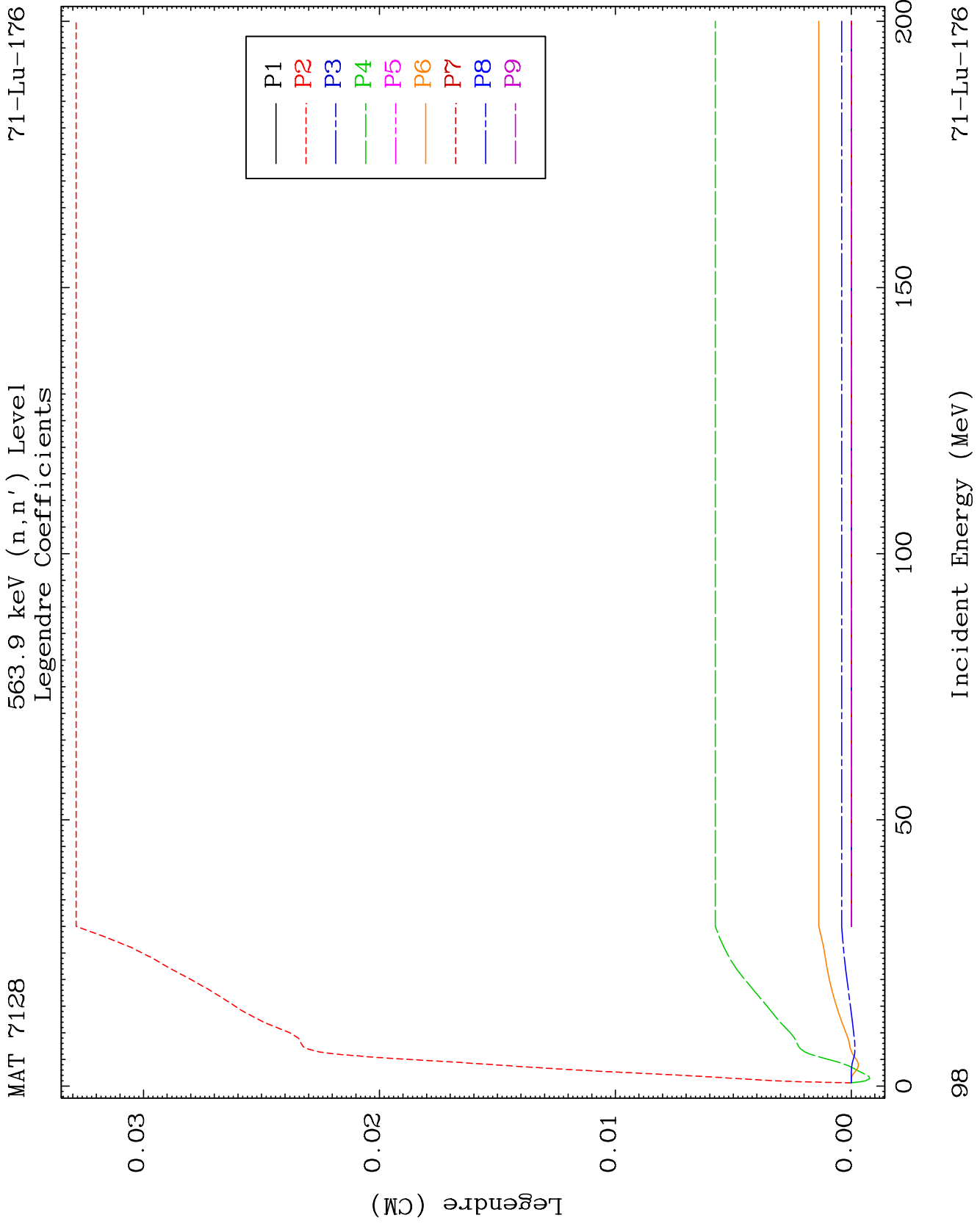


MAT 7128

533.1 keV (n,n') Level
Legendre Coefficients

71-Lu-176

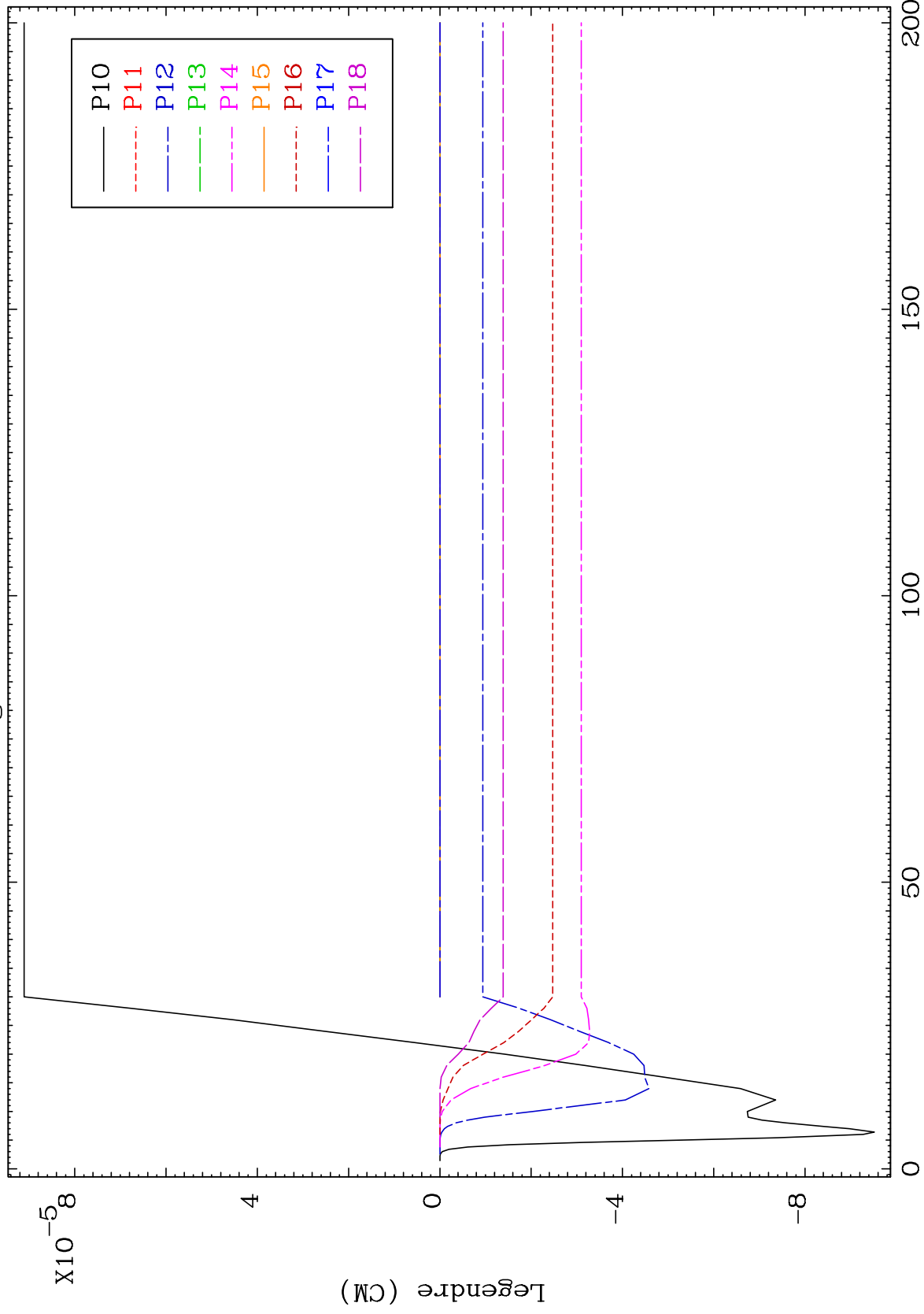




MAT 7128

563.9 keV (n,n') Level
Legendre Coefficients

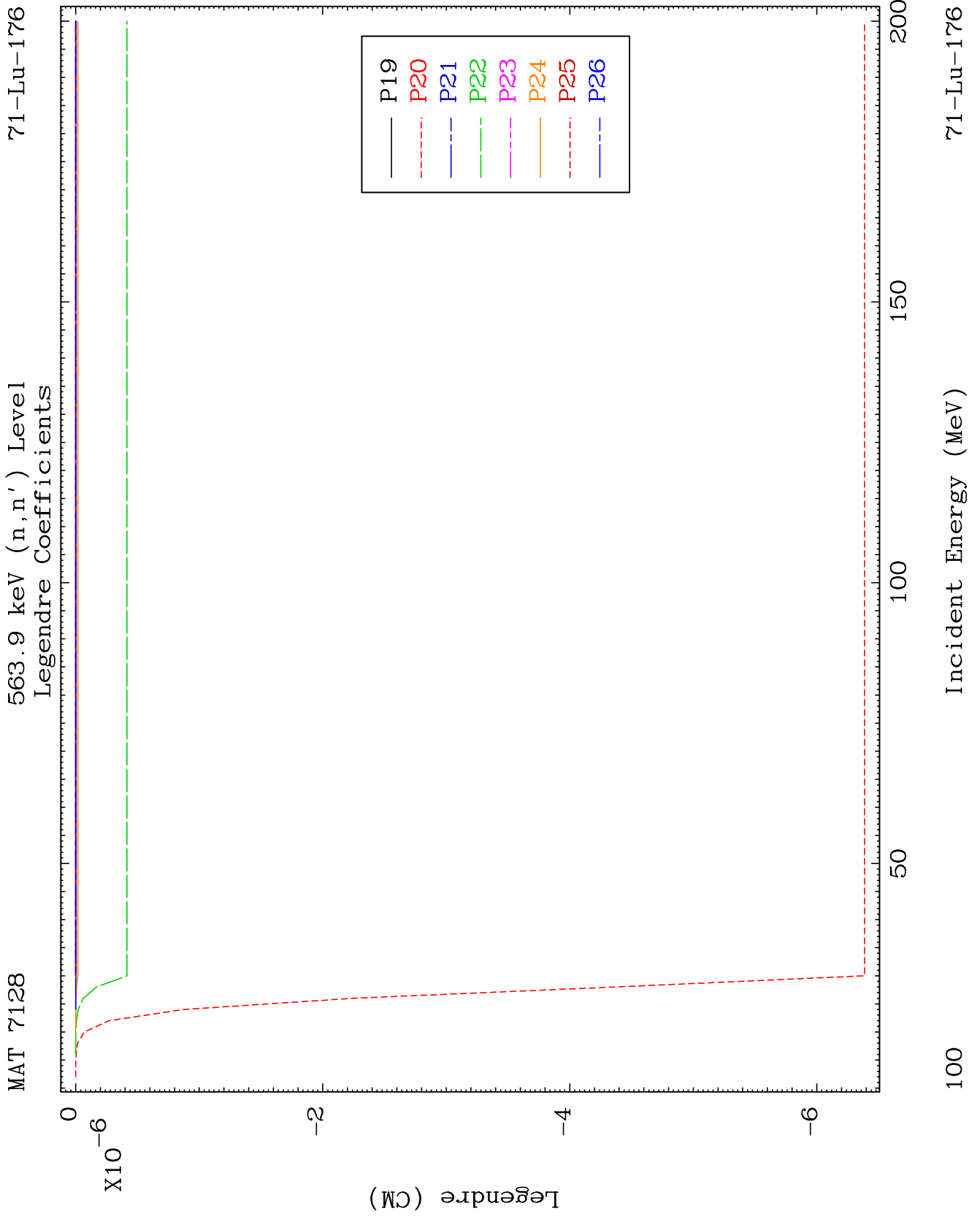
71-Lu-176



99

Incident Energy (MeV)

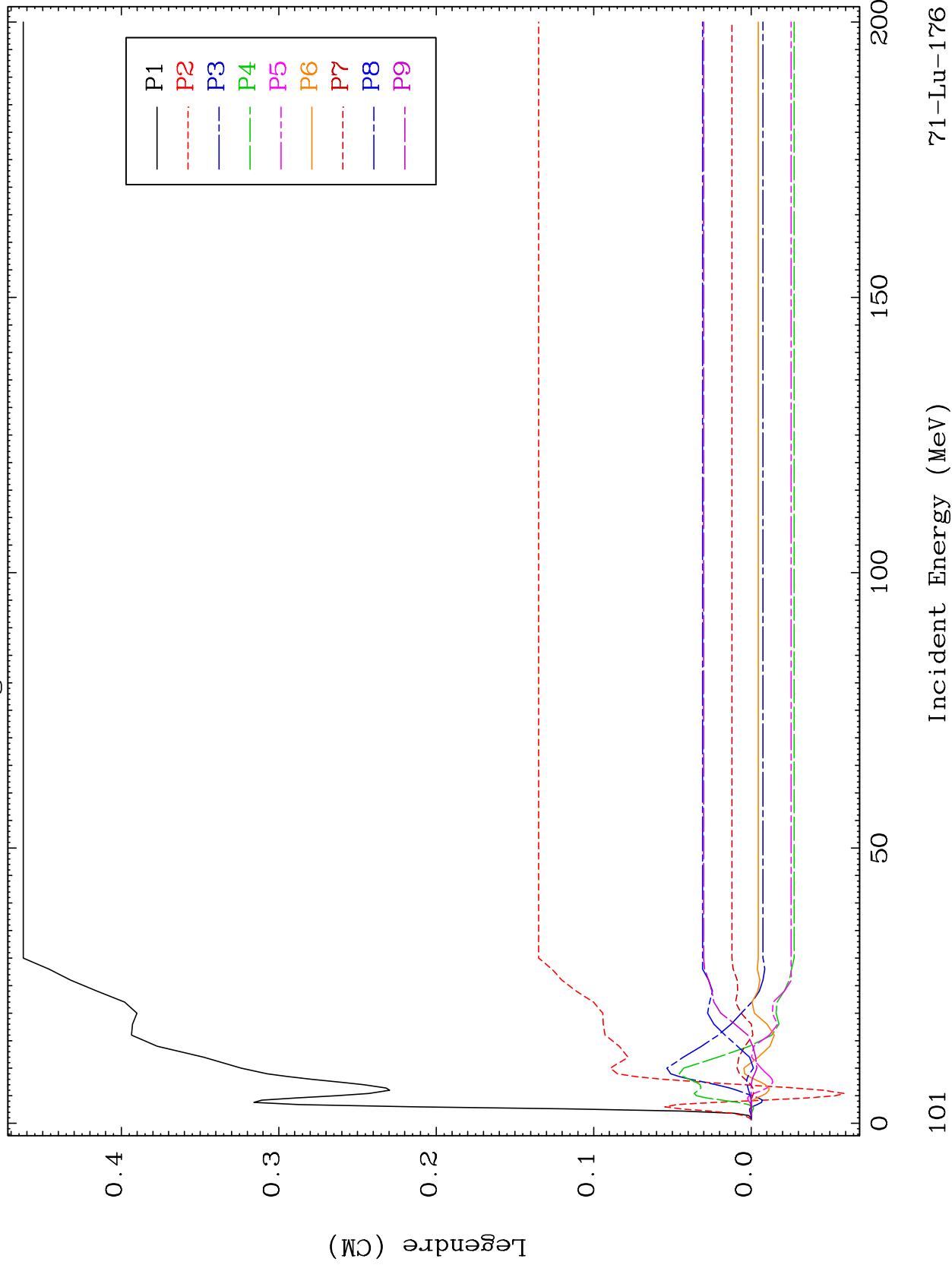
71-Lu-176



MAT 7128

578.0 keV (n,n') Level
Legendre Coefficients

71-Lu-176



71-Lu-176

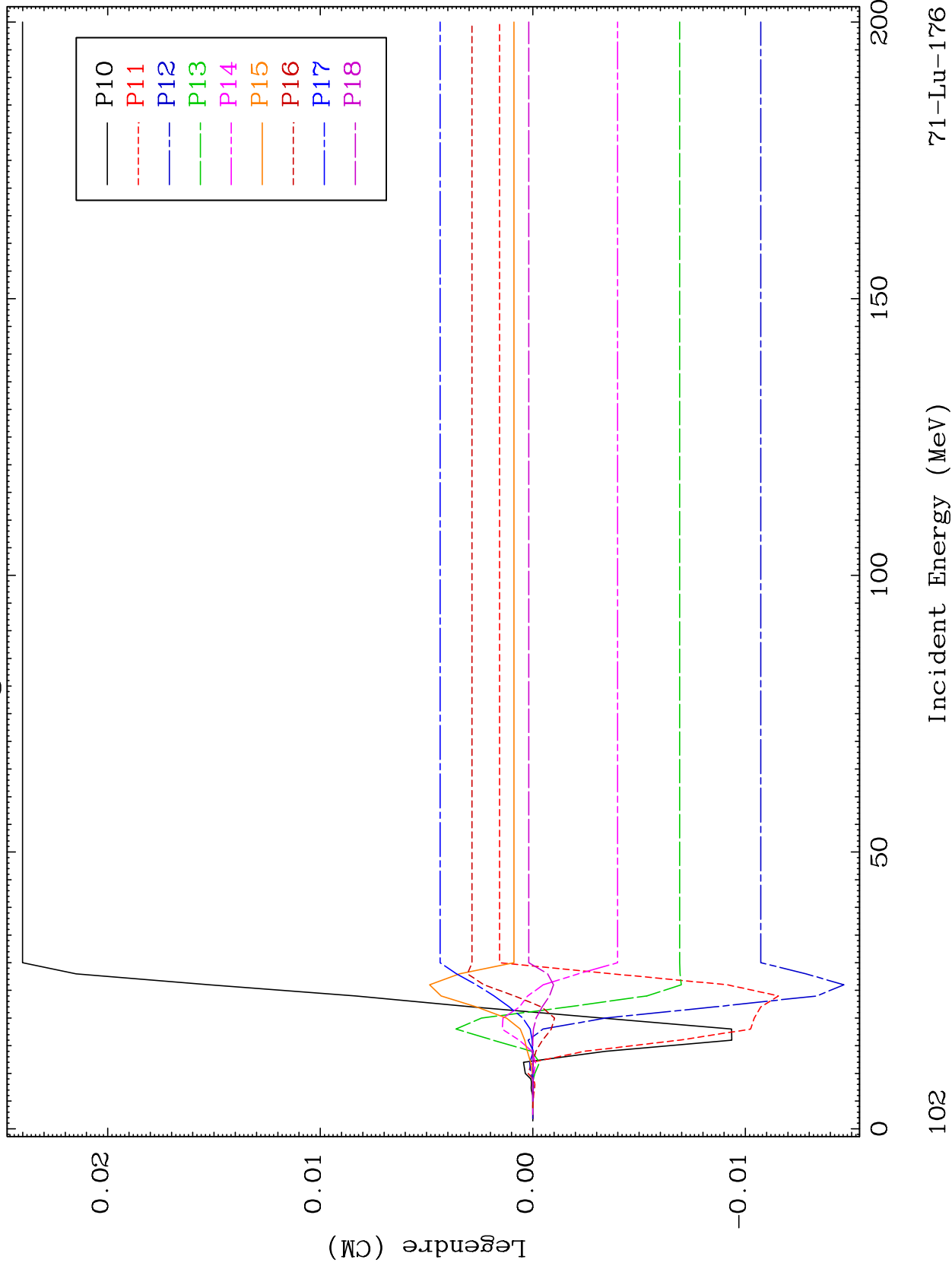
Incident Energy (MeV)

101

MAT 7128

578.0 keV (n,n') Level
Legendre Coefficients

71-Lu-176



71-Lu-176

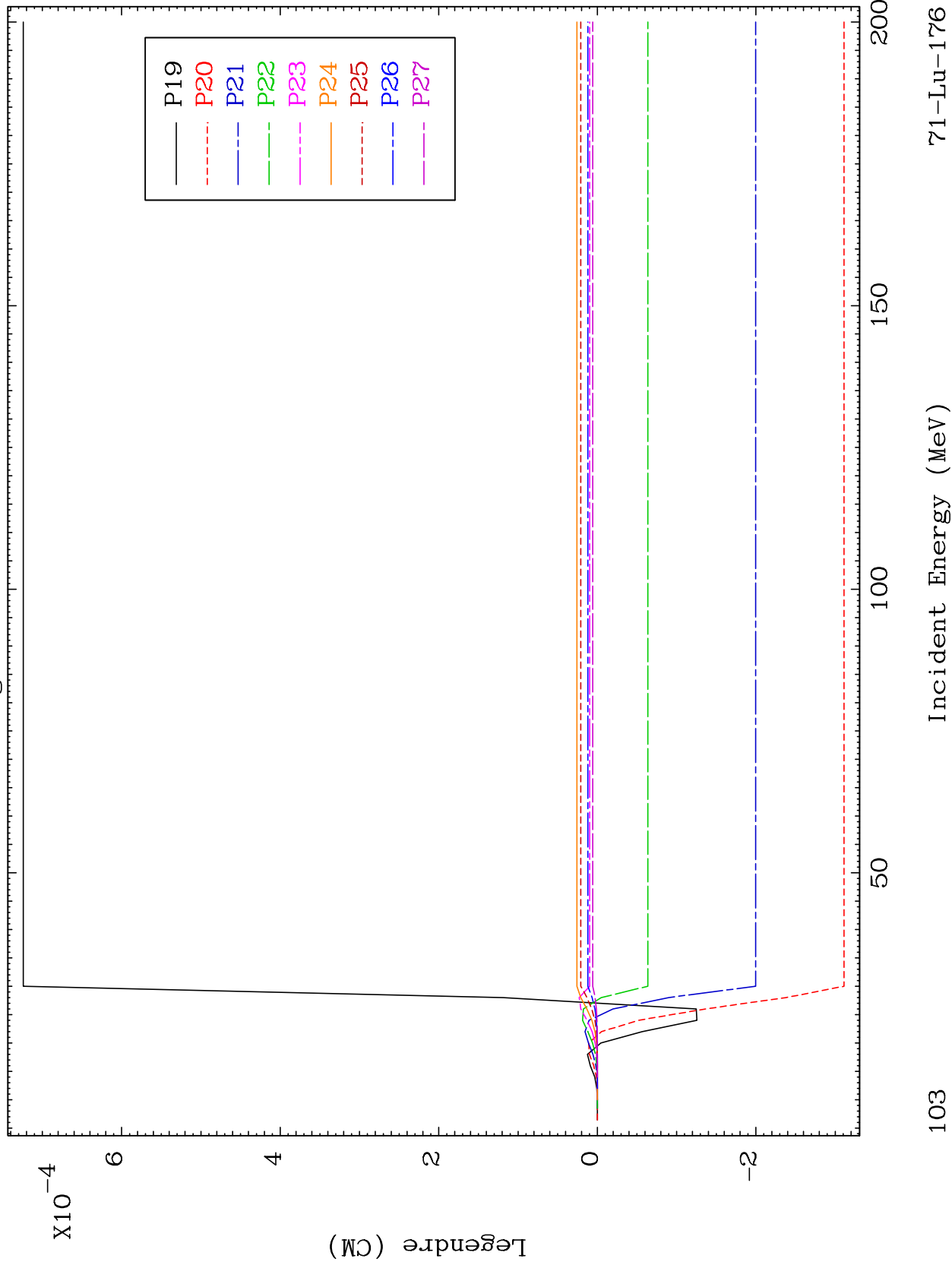
Incident Energy (MeV)

102

MAT 7128

578.0 keV (n, n') Level
Legendre Coefficients

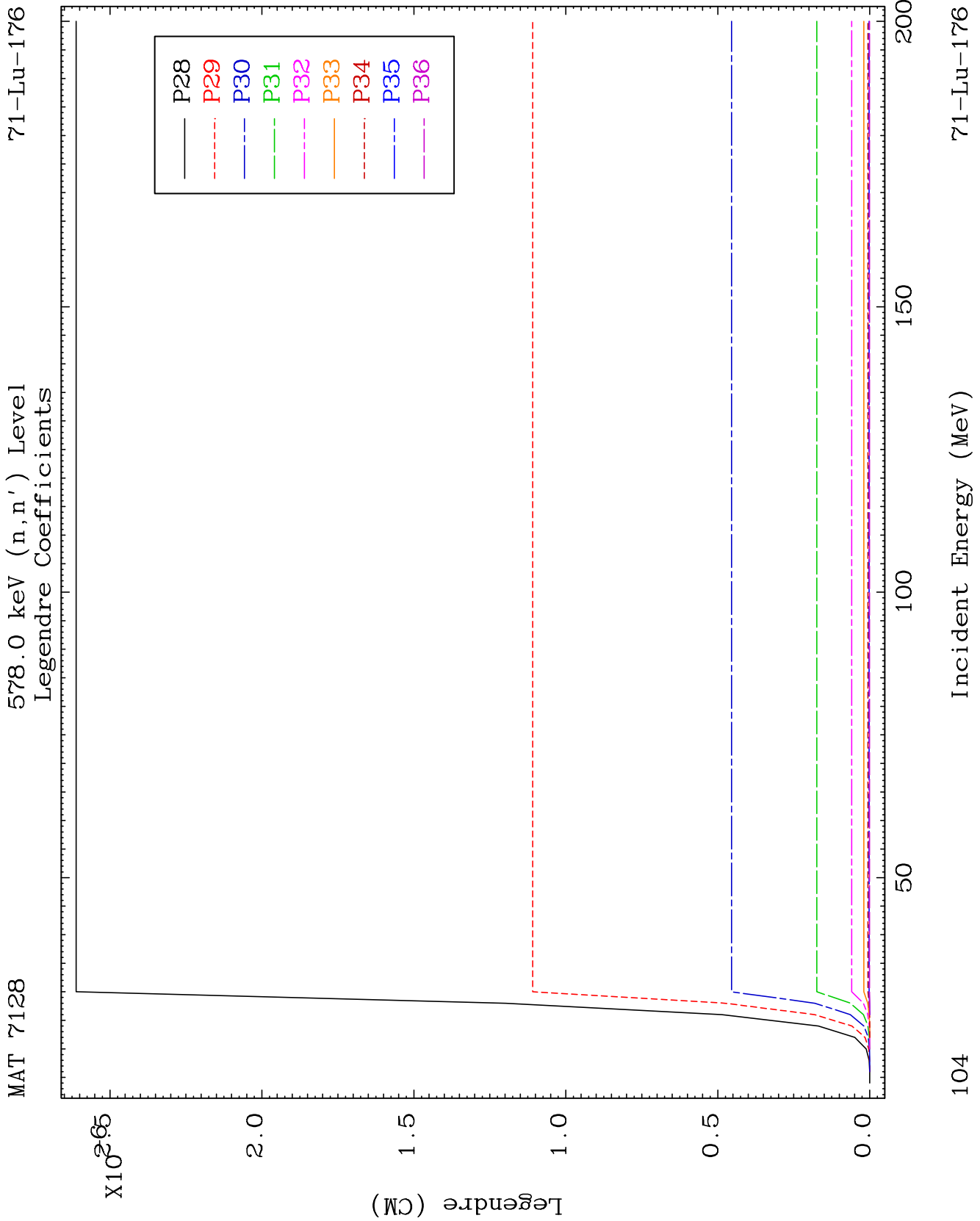
71-Lu-176



103

Incident Energy (MeV)

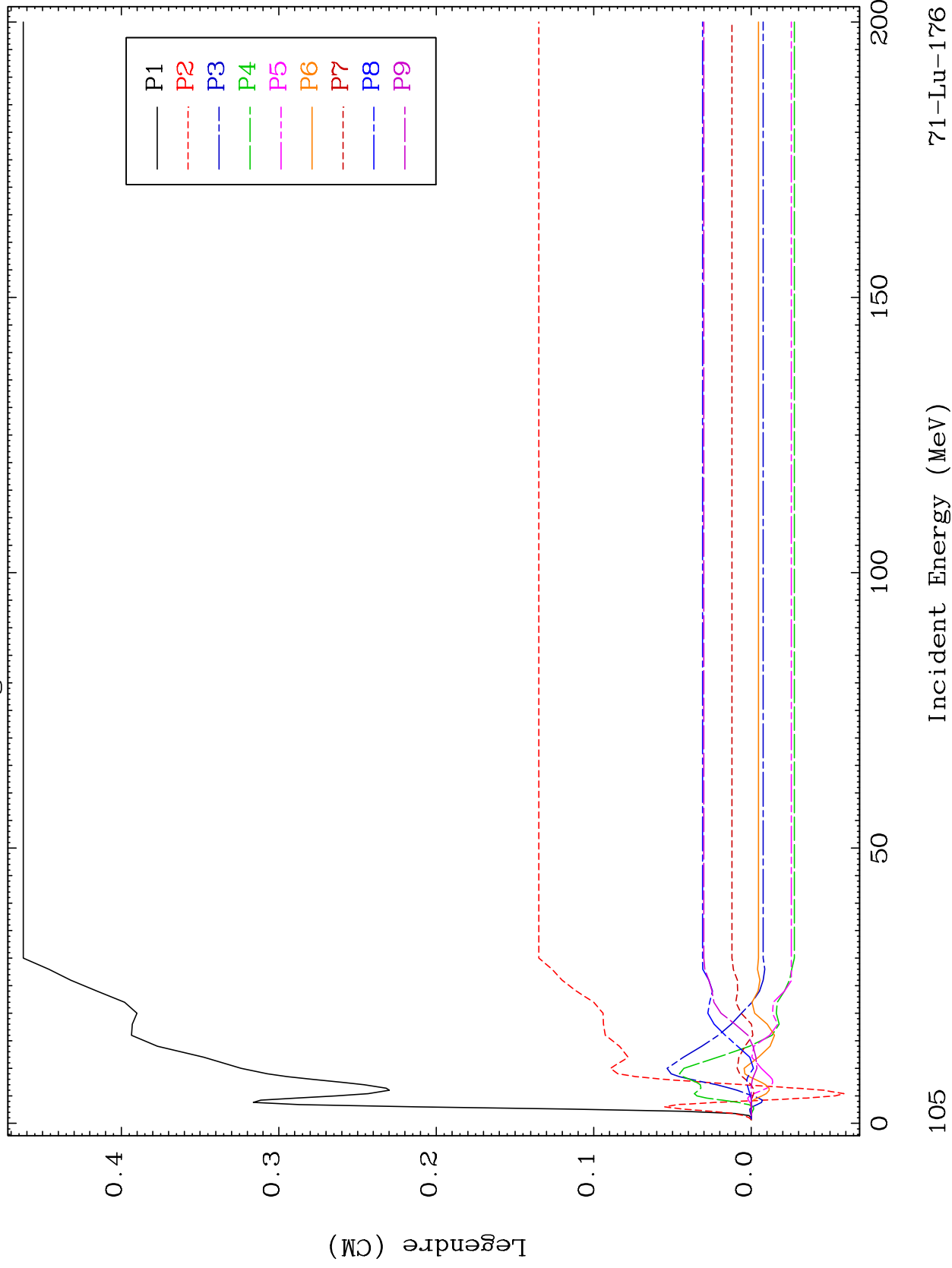
71-Lu-176



MAT 7128

591.8 keV (n,n') Level
Legendre Coefficients

71-Lu-176



71-Lu-176

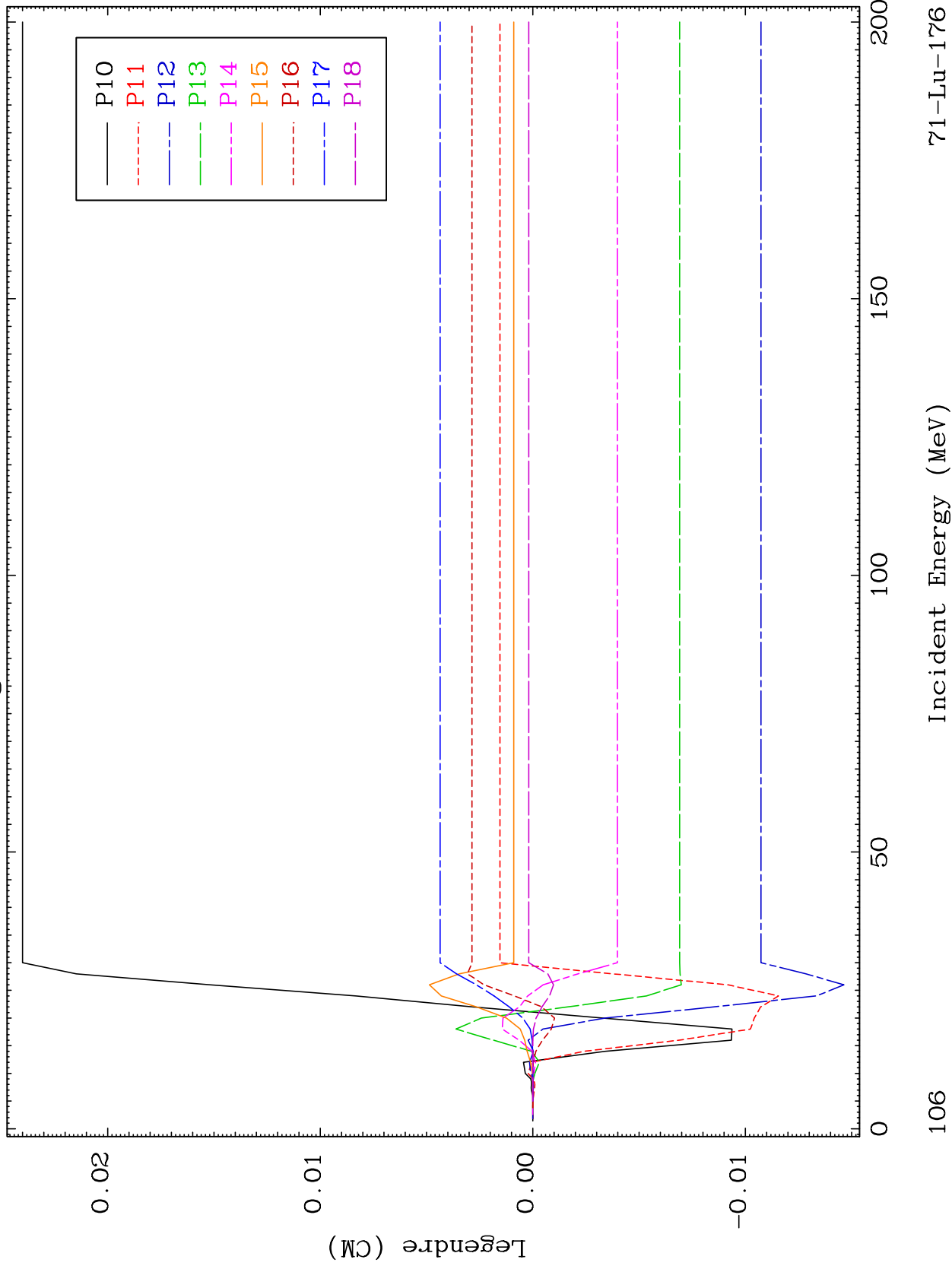
Incident Energy (MeV)

105

MAT 7128

591.8 keV (n,n') Level
Legendre Coefficients

71-Lu-176



71-Lu-176

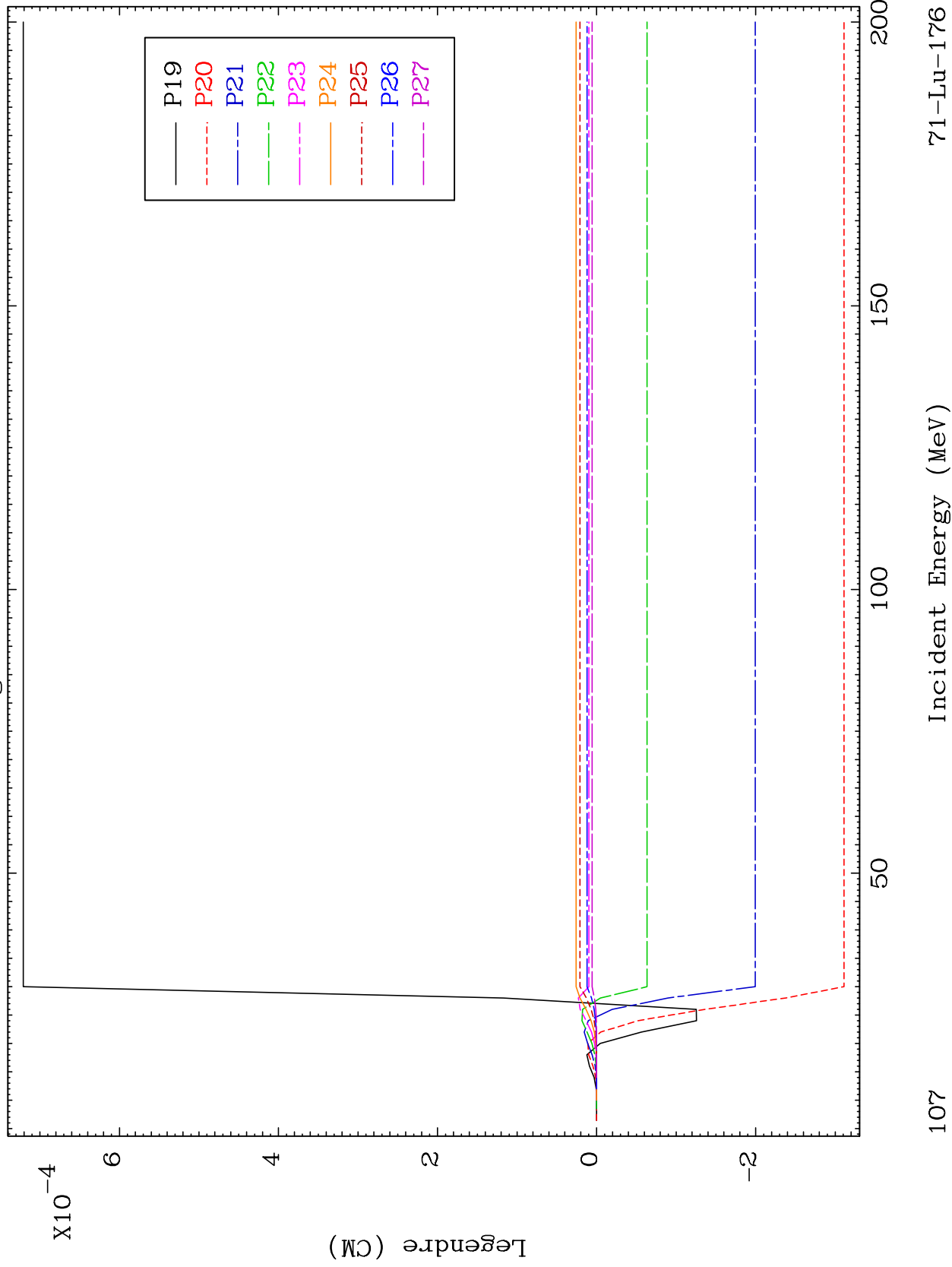
Incident Energy (MeV)

106

MAT 7128

591.8 keV (n,n') Level
Legendre Coefficients

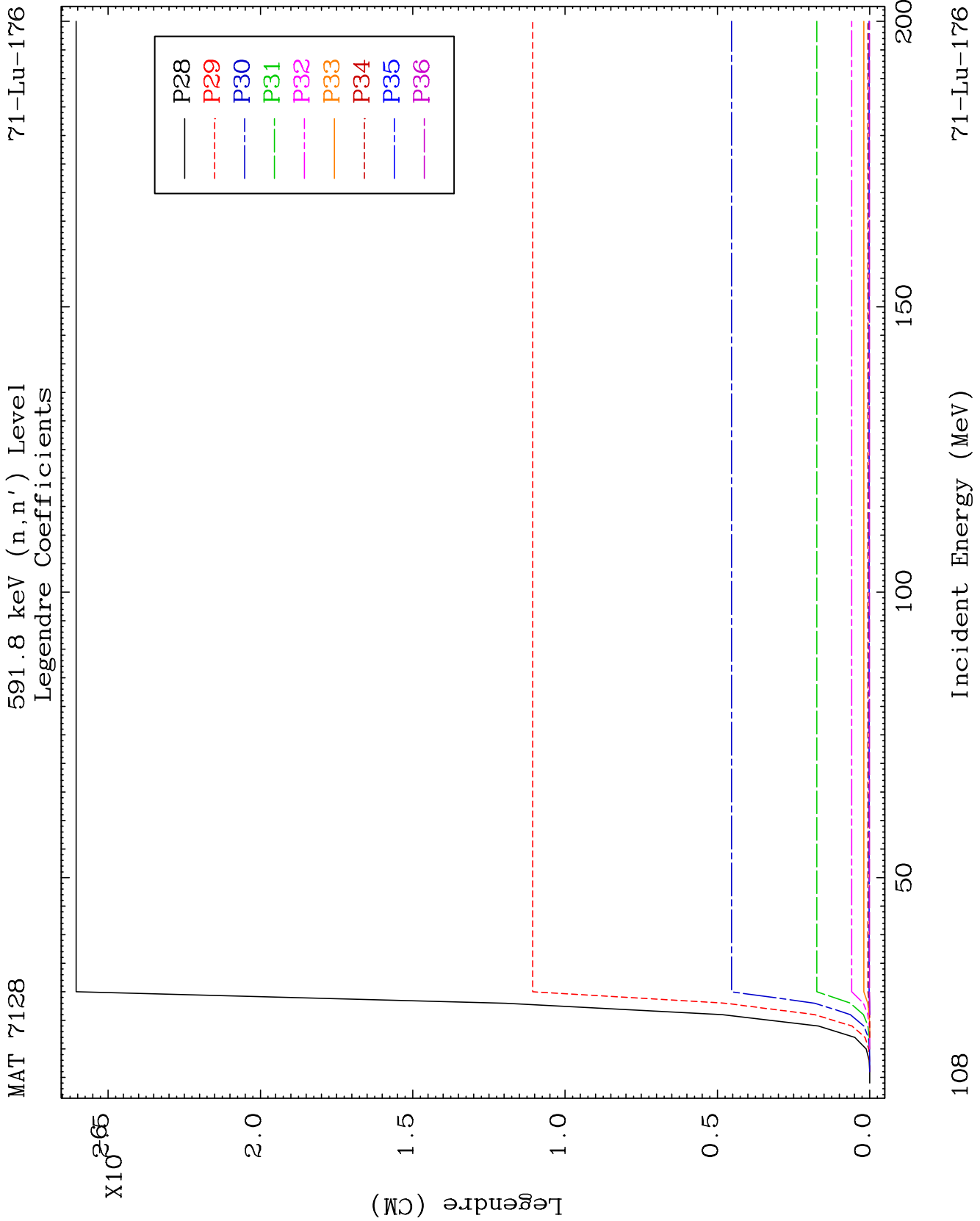
71-Lu-176

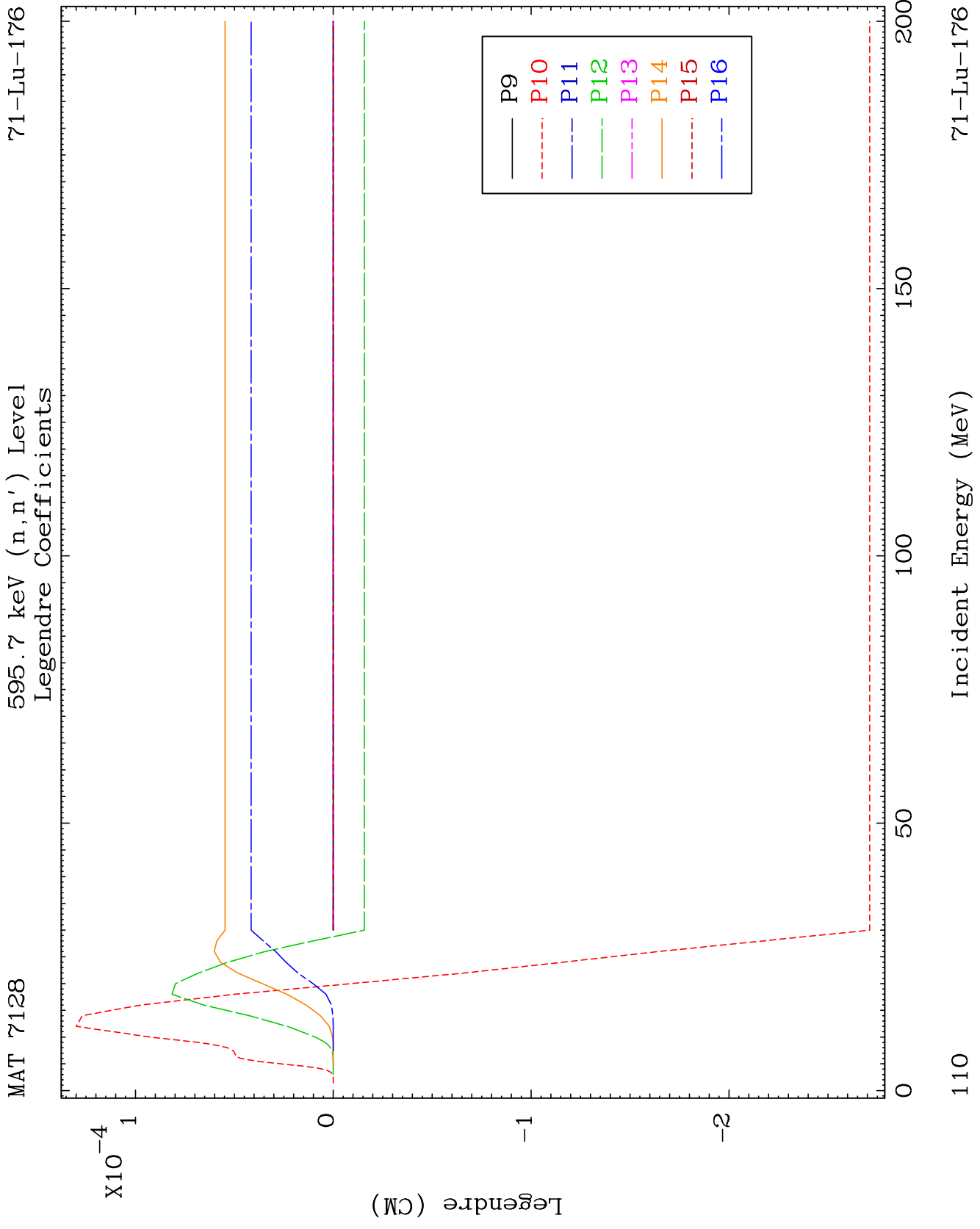


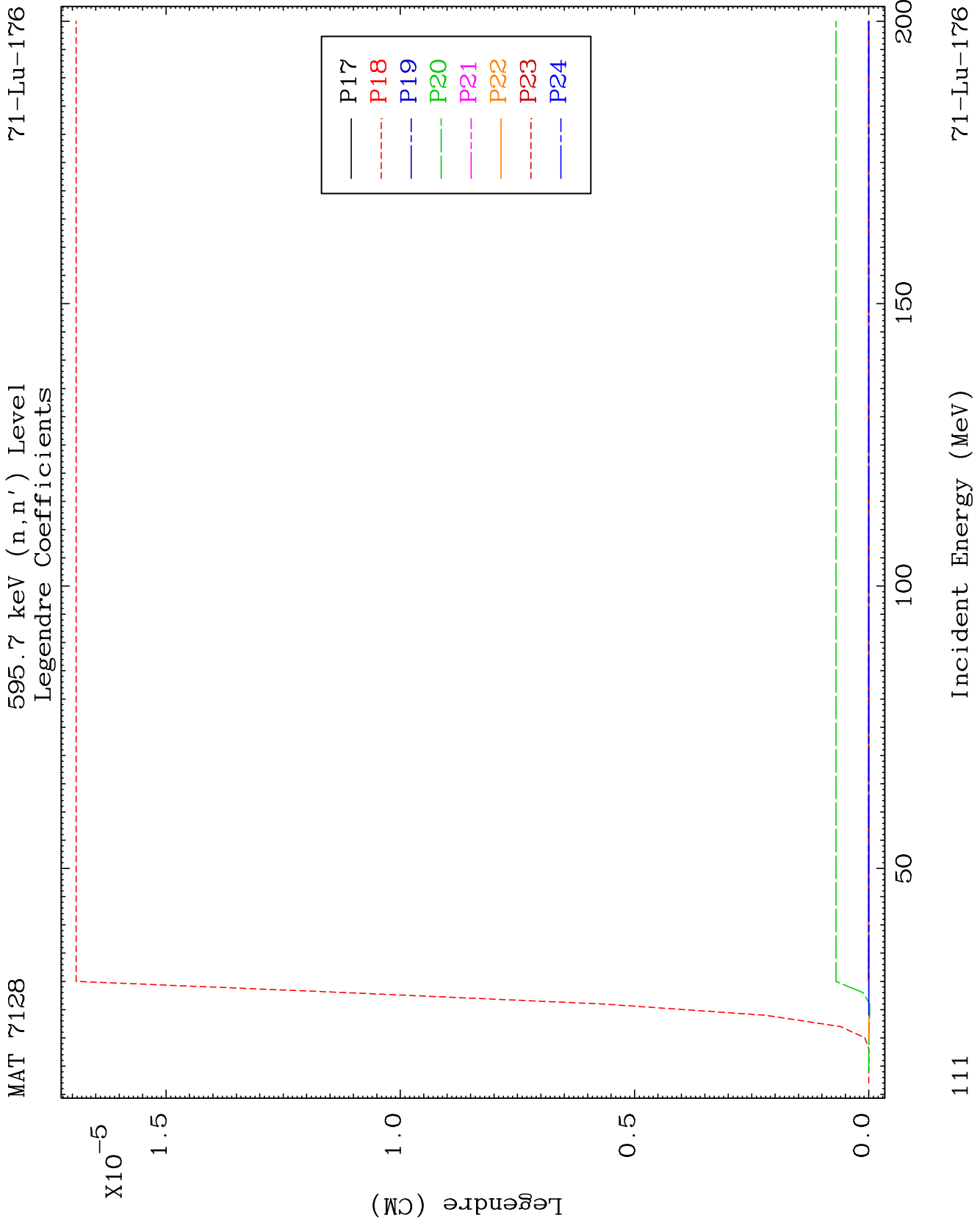
107

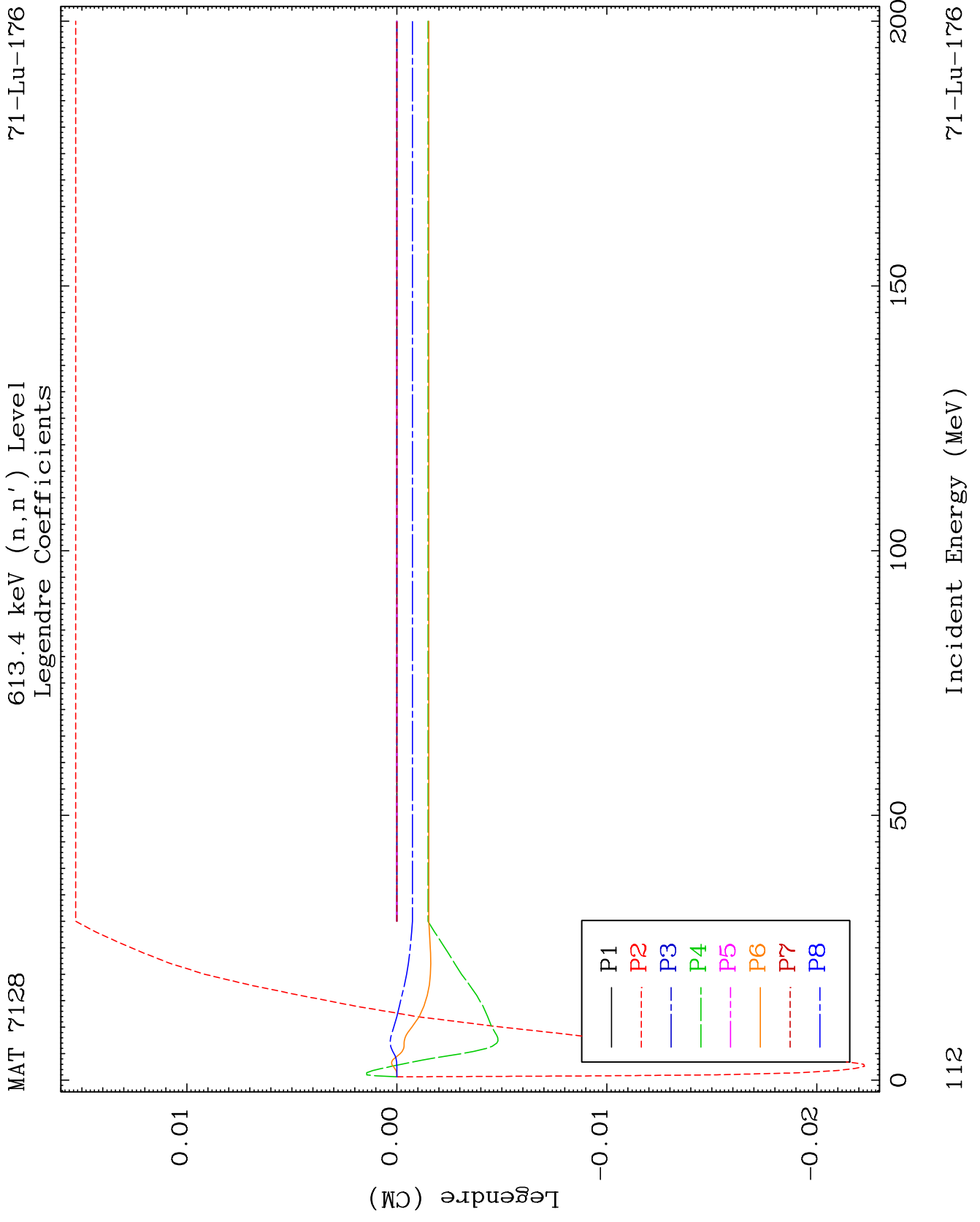
Incident Energy (MeV)

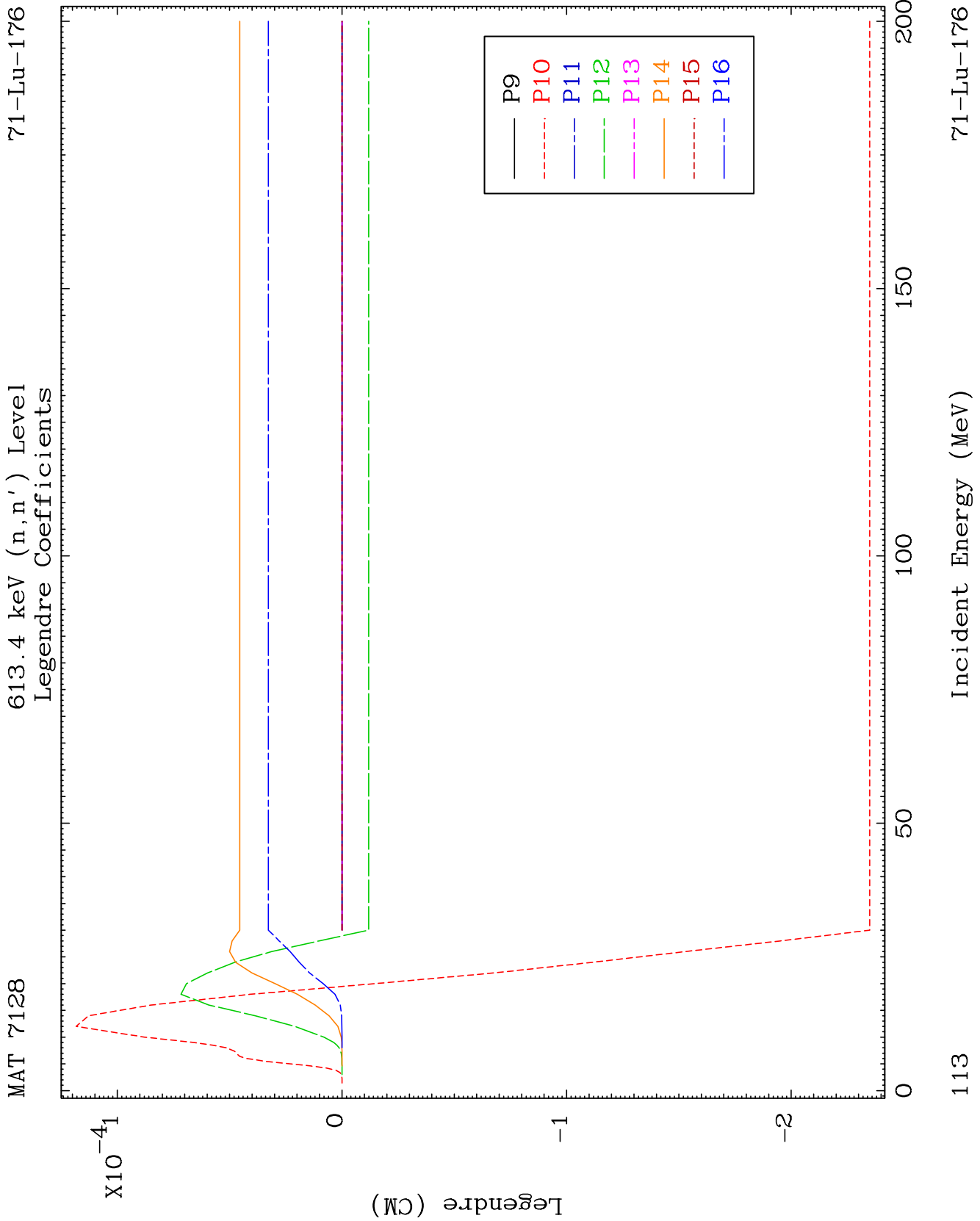
71-Lu-176

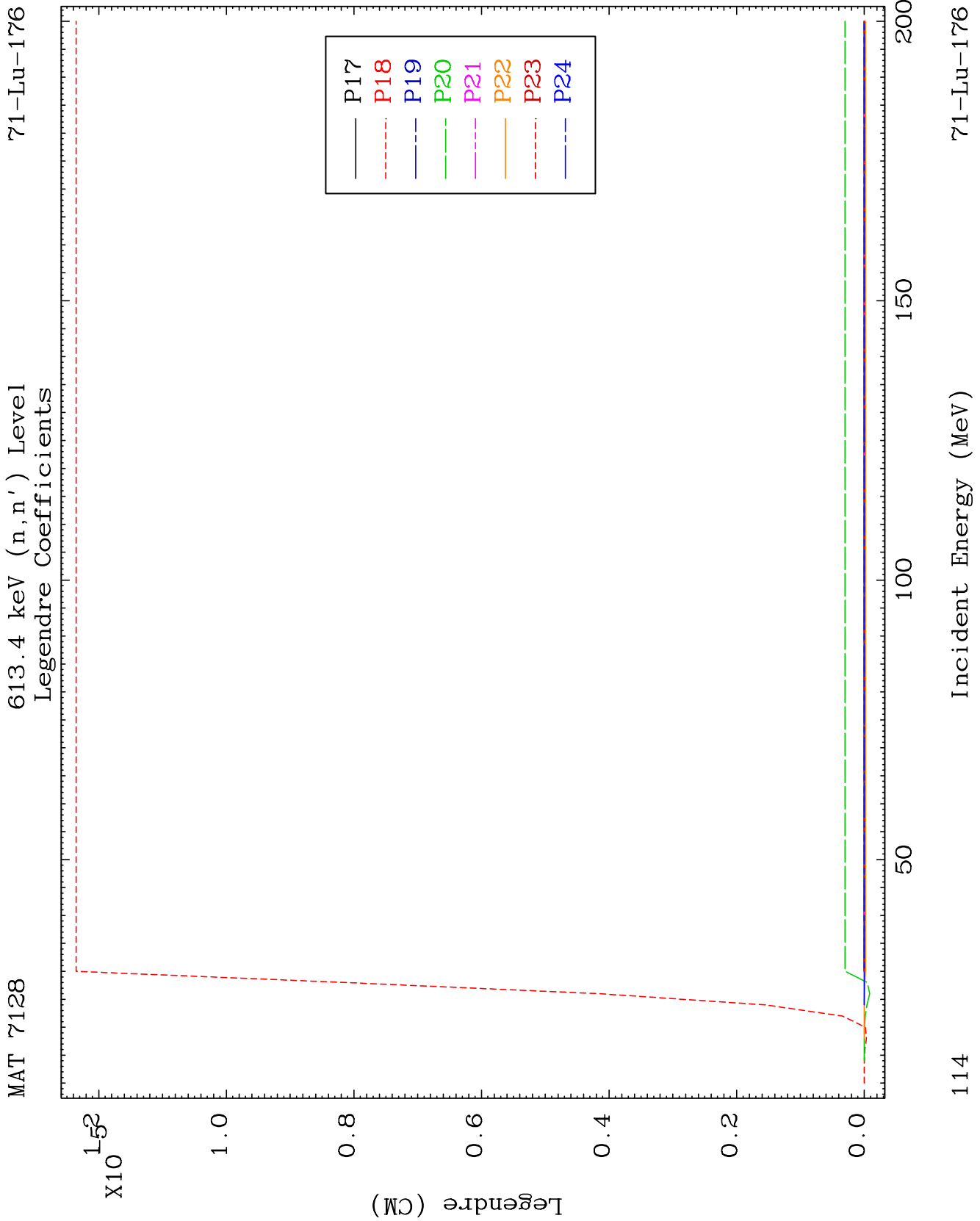


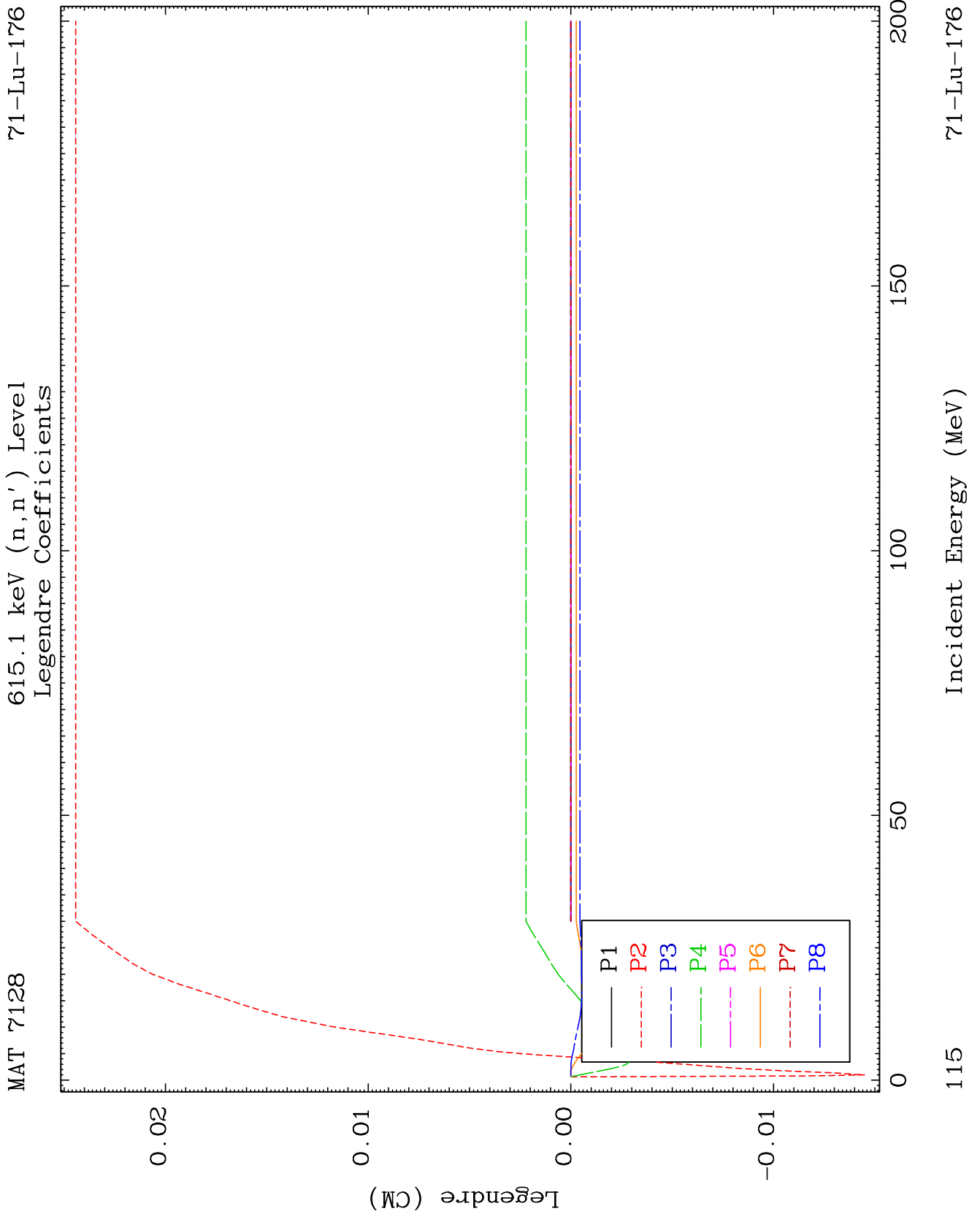


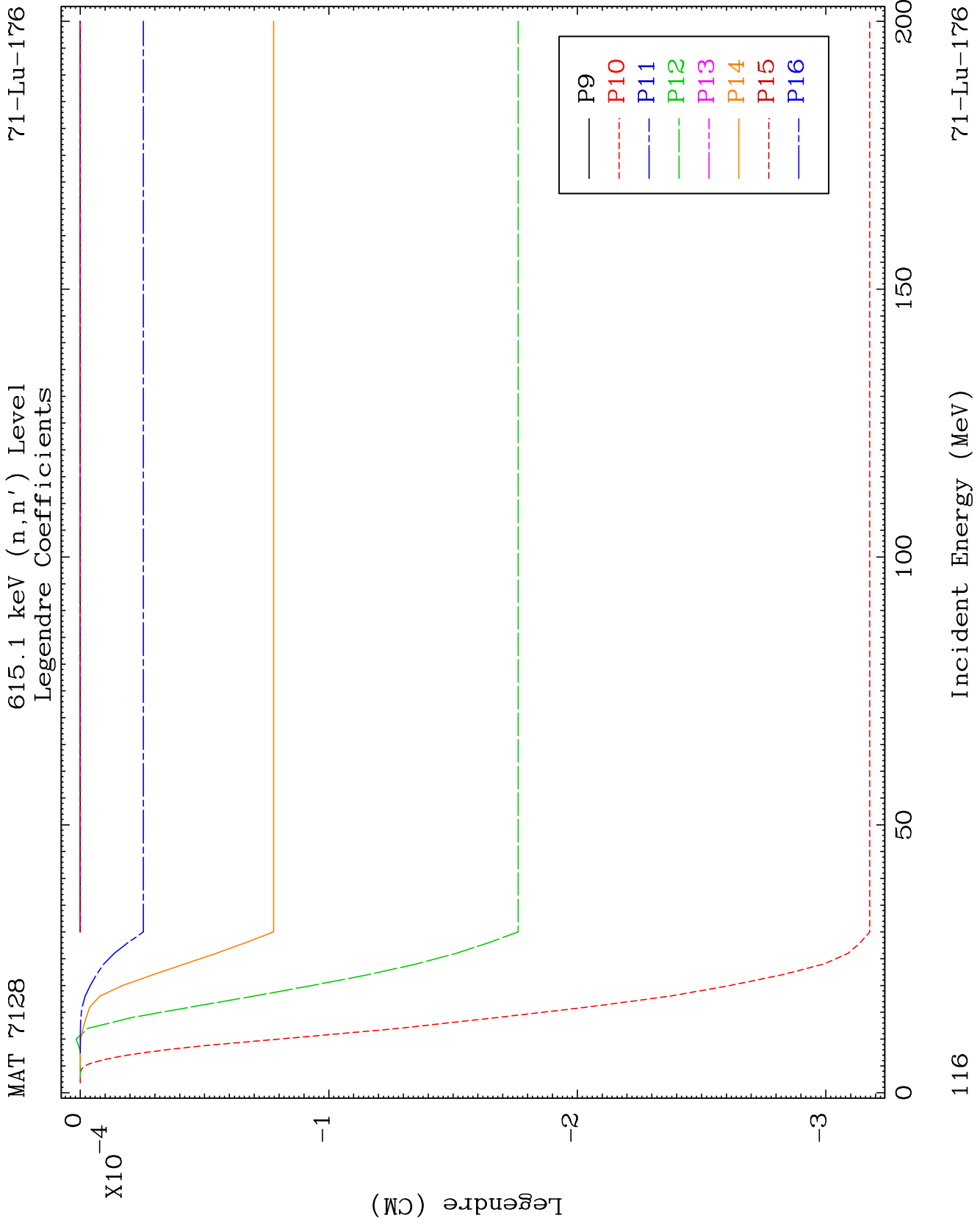


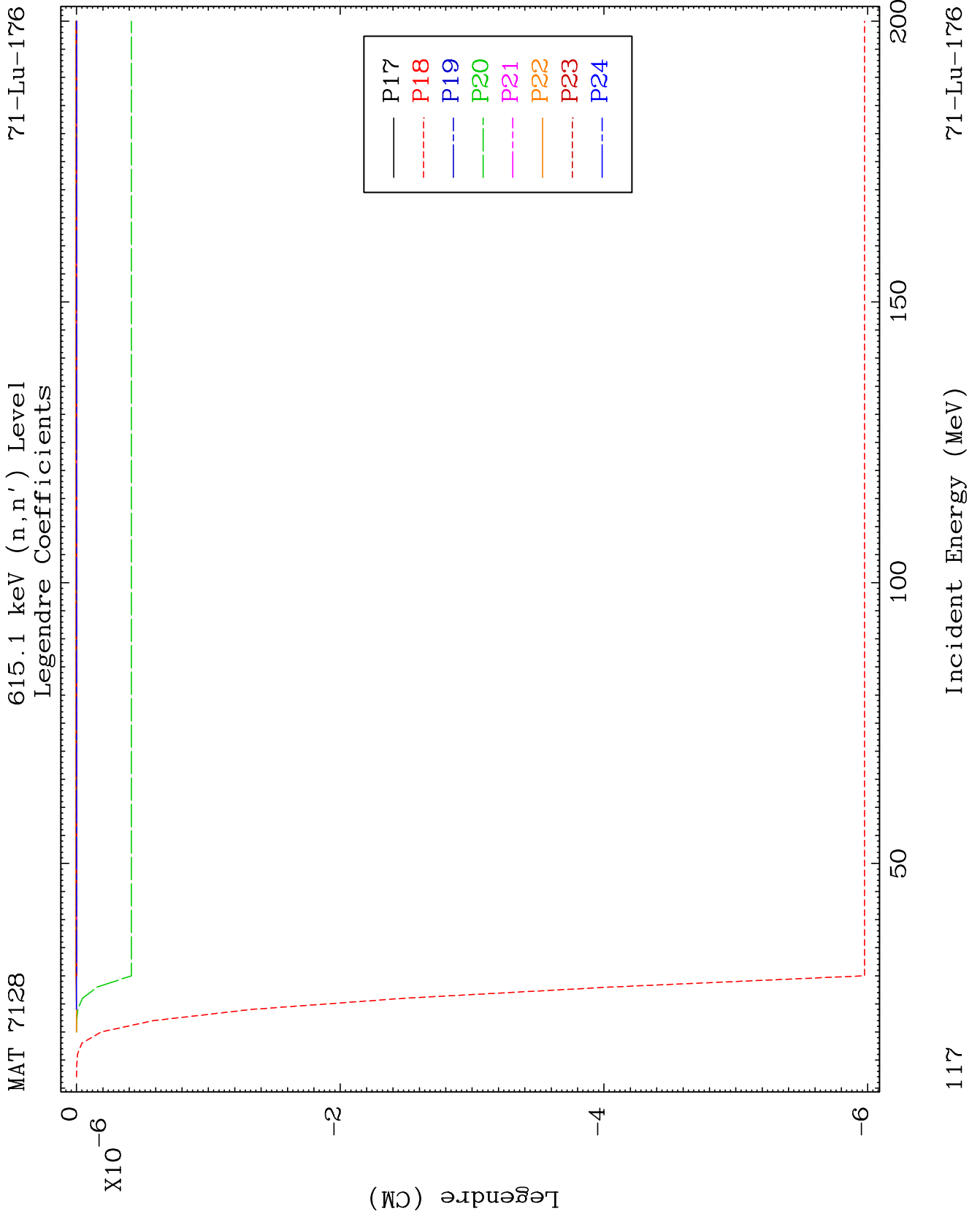




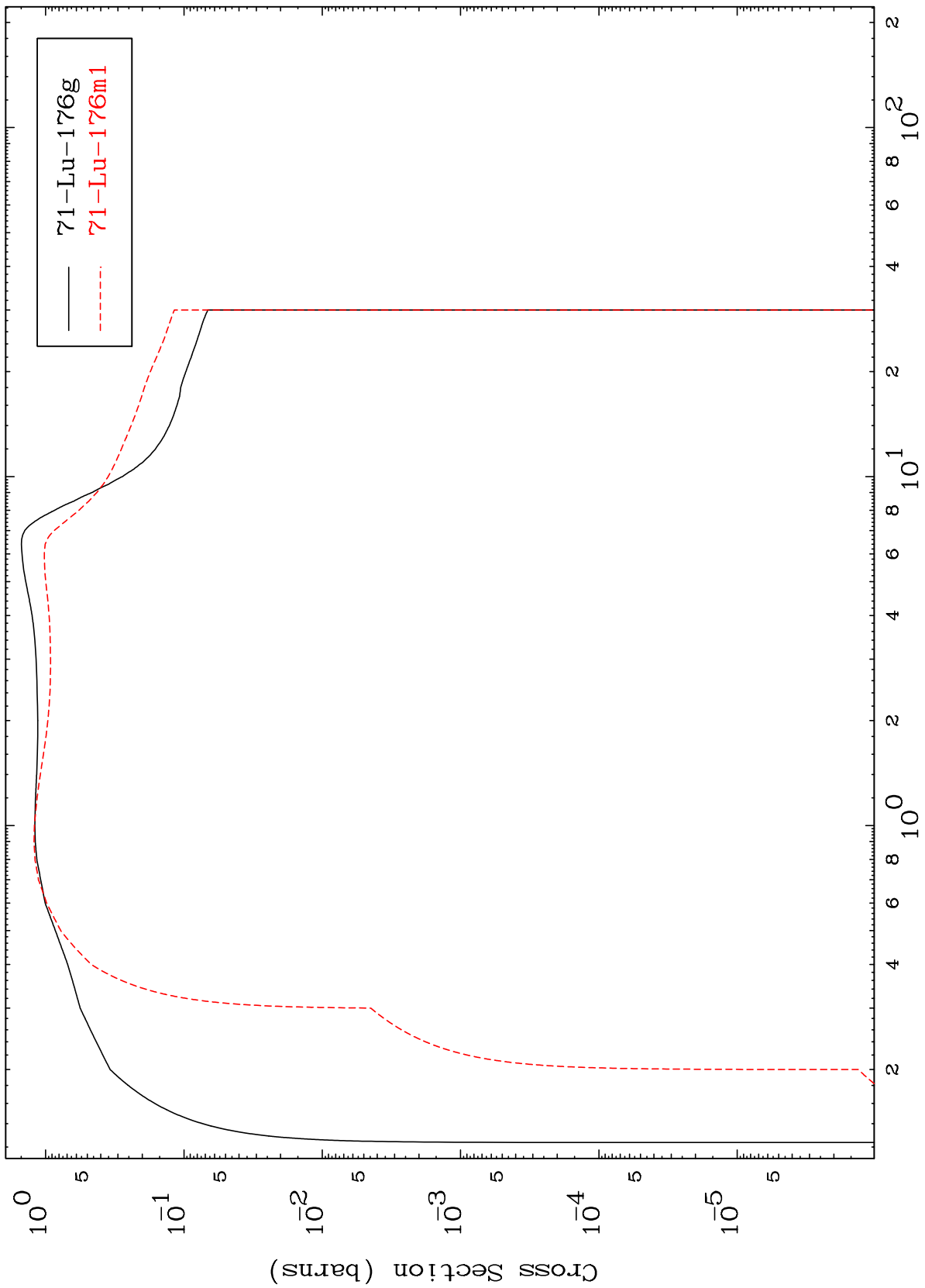








Inelastic
Radionuclide Production Cross Section



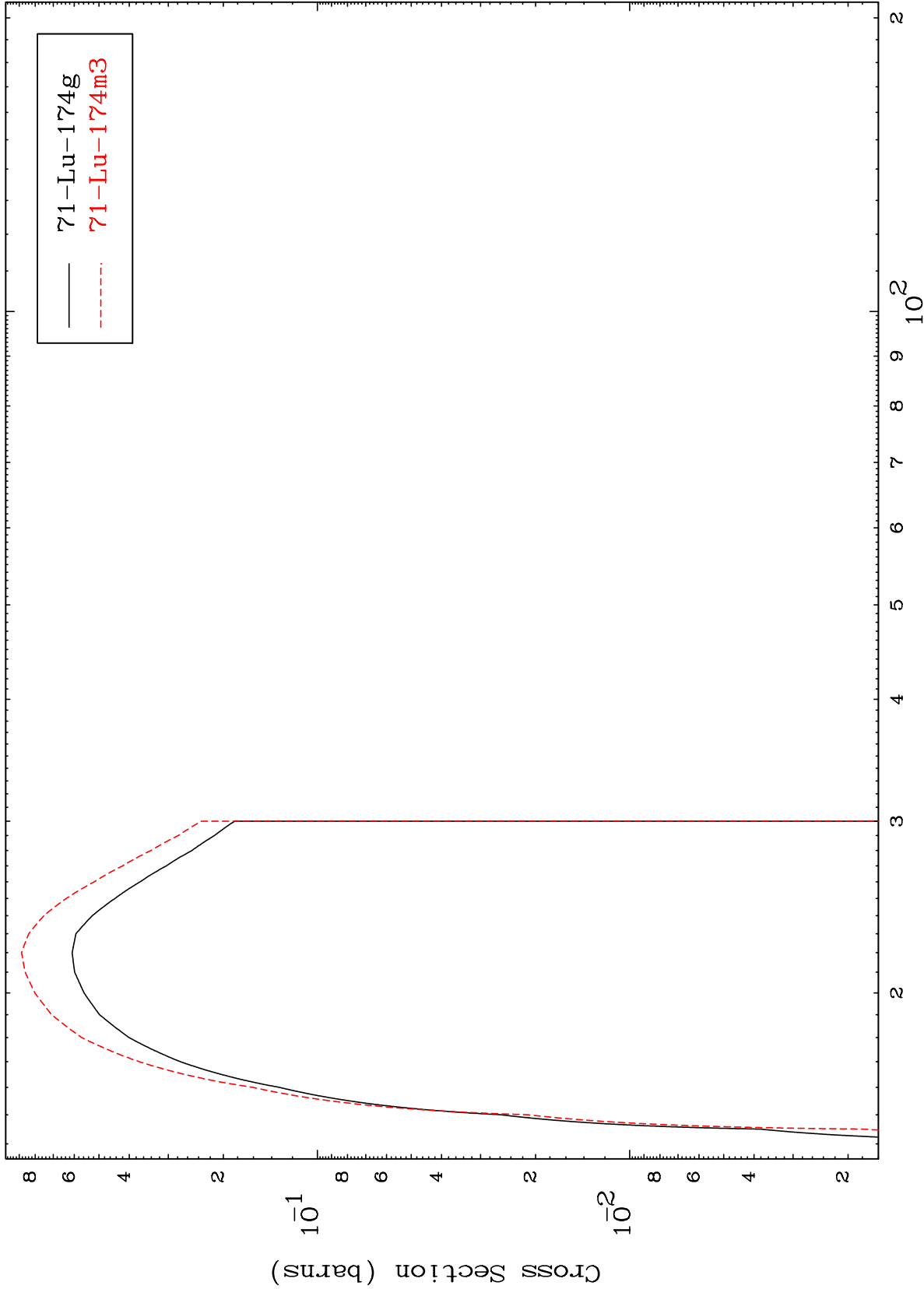
71-Lu-176g
71-Lu-176m1

MAT 7128

(n,3n)

71-Lu-176

Radionuclide Production Cross Section



119

Incident Energy (MeV)

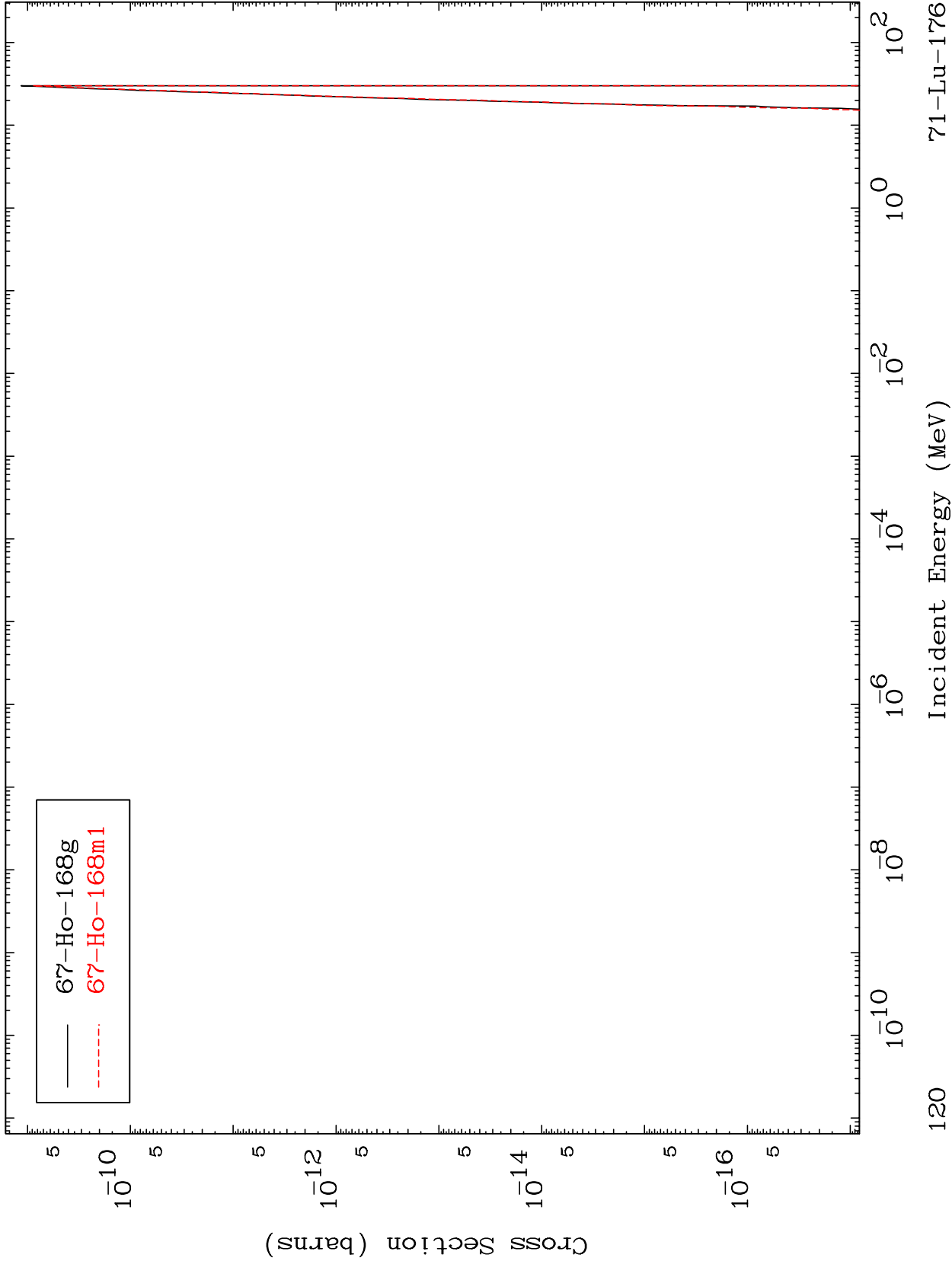
71-Lu-176

MAT 7128

(n,n') 2α

71-Lu-176

Radionuclide Production Cross Section



120

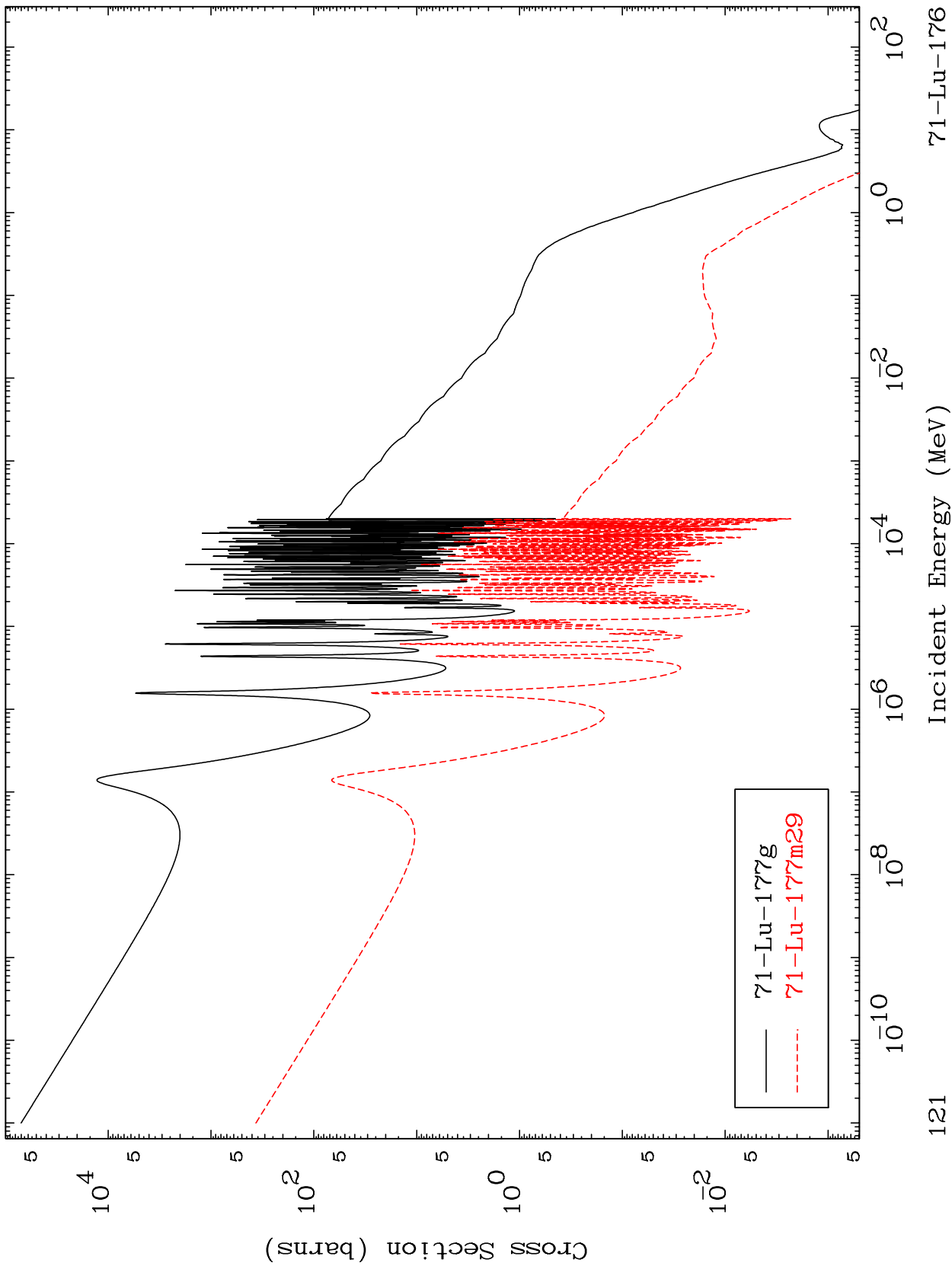
Incident Energy (MeV)

71-Lu-176

MAT 7128

71-Lu-176

(n, γ)
Radionuclide Production Cross Section

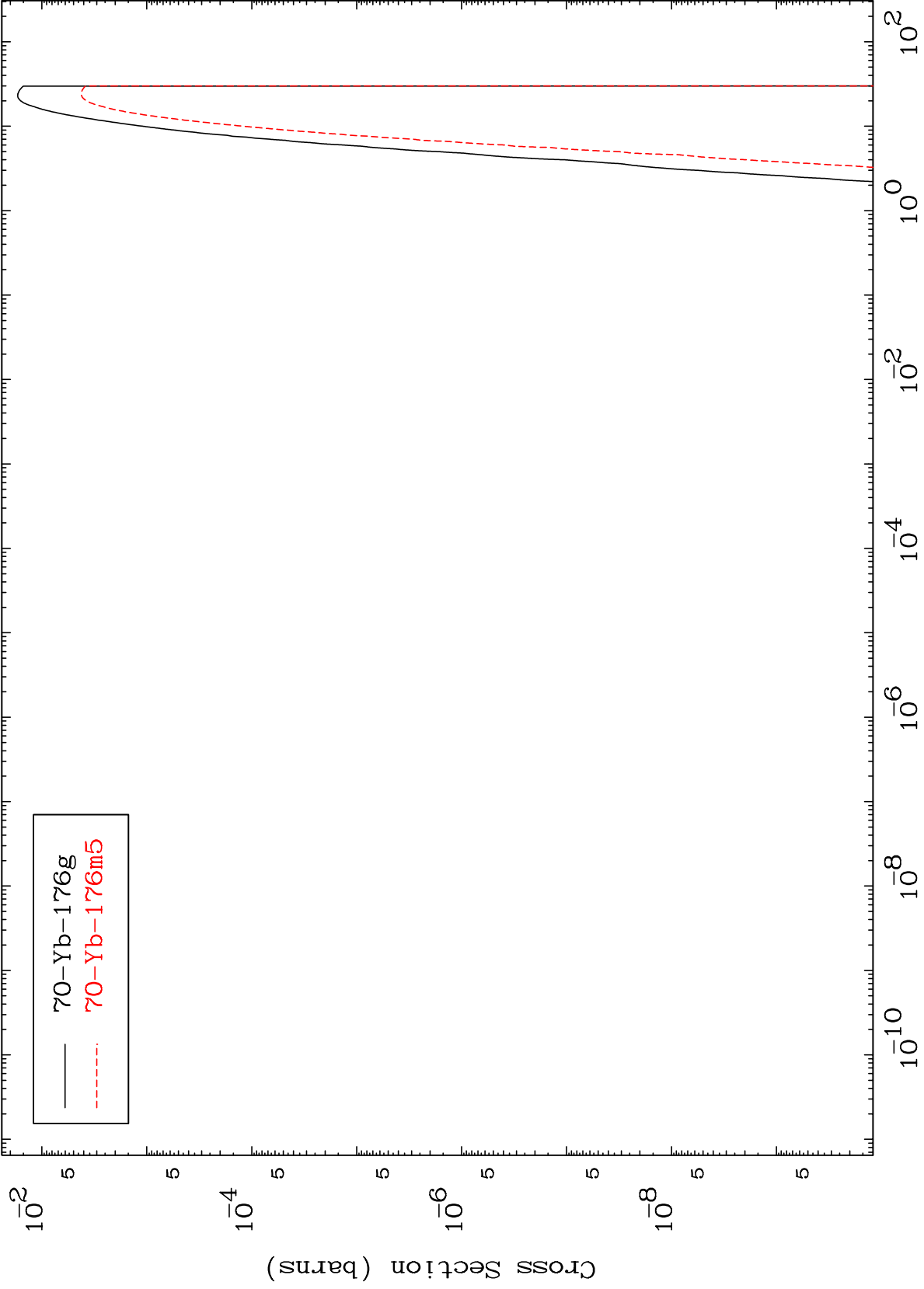


MAT 7128

(n,p)

⁷¹Lu-176

Radionuclide Production Cross Section



122

Incident Energy (MeV)

⁷¹Lu-176