

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

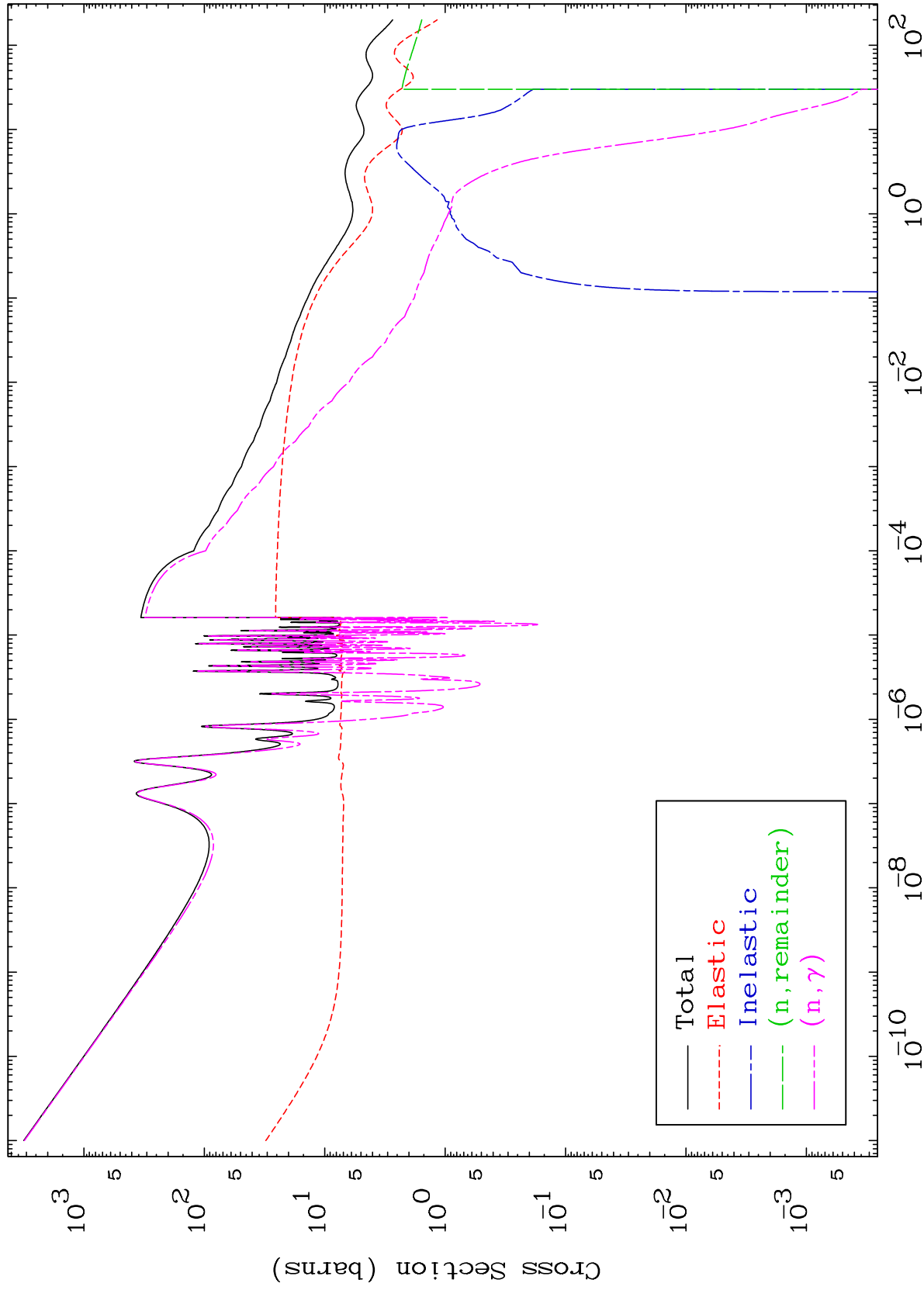
Press Mouse Button to Start

MAT 7513

Major

293 Kelvin Cross Sections

75-Re-181



1

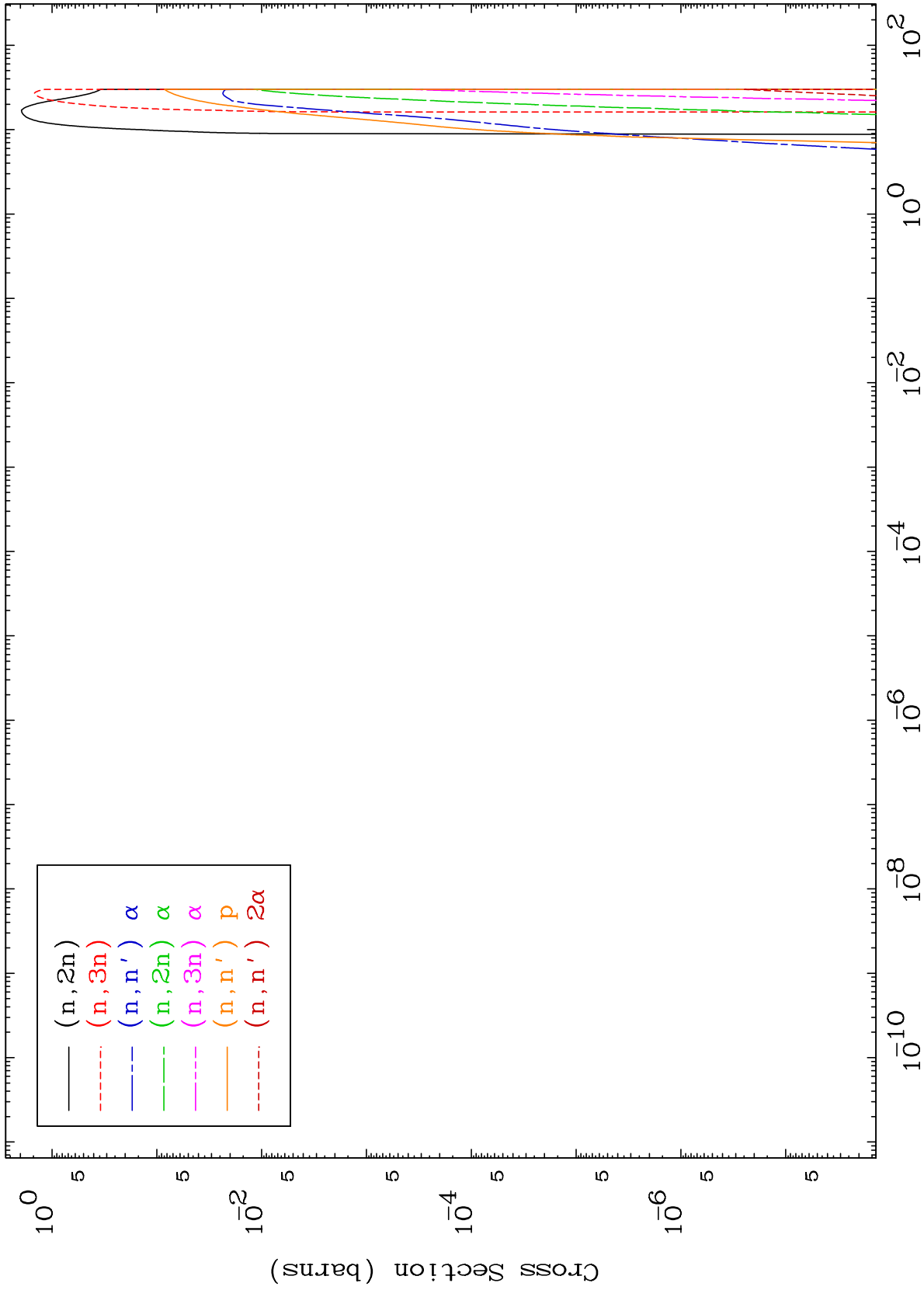
Incident Energy (MeV)

75-Re-181

MAT 7513

Neutron Production
293 Kelvin Cross Sections

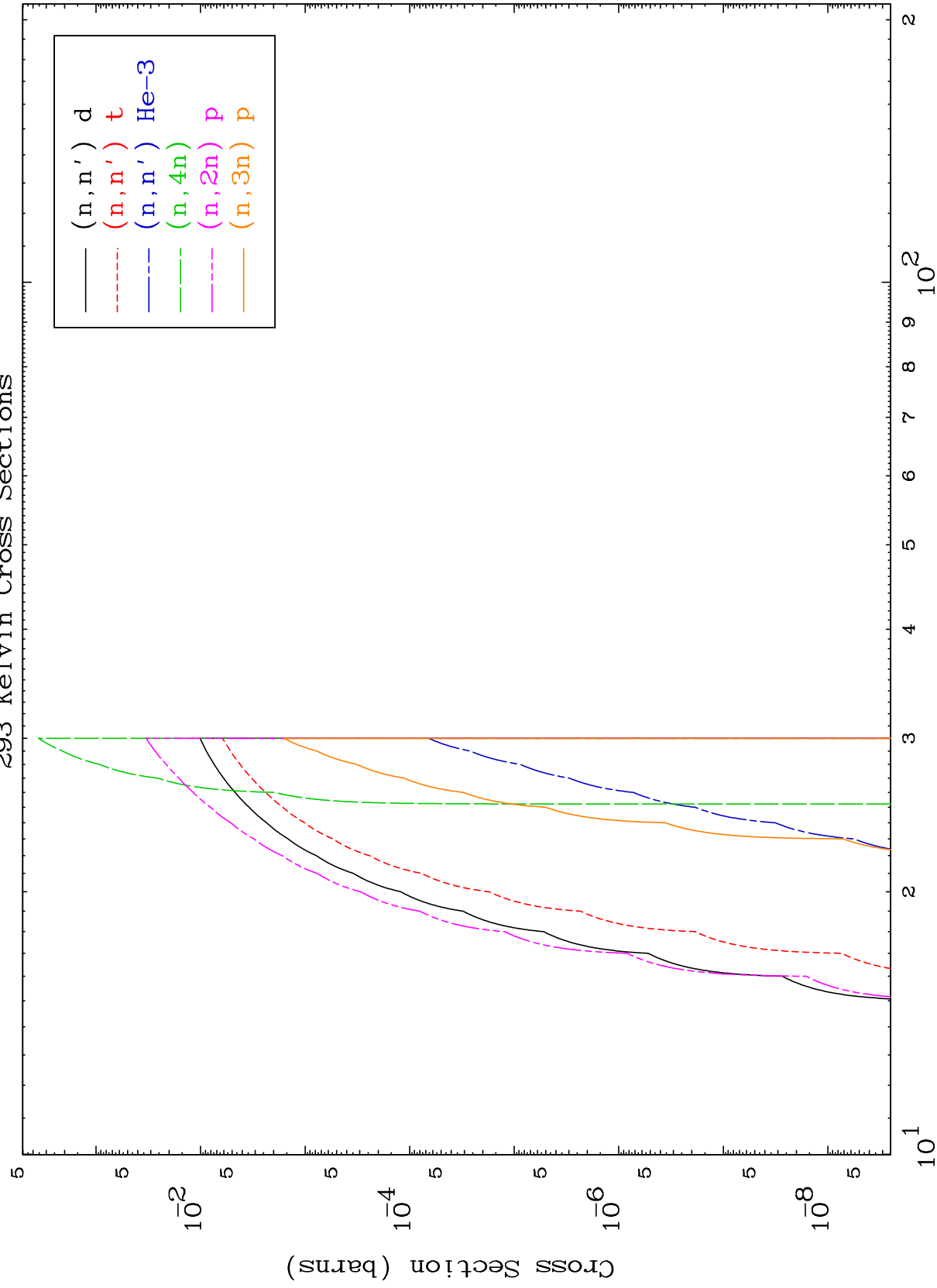
75-Re-181



MAT 7513

Neutron Production
293 Kelvin Cross Sections

75-Re-181



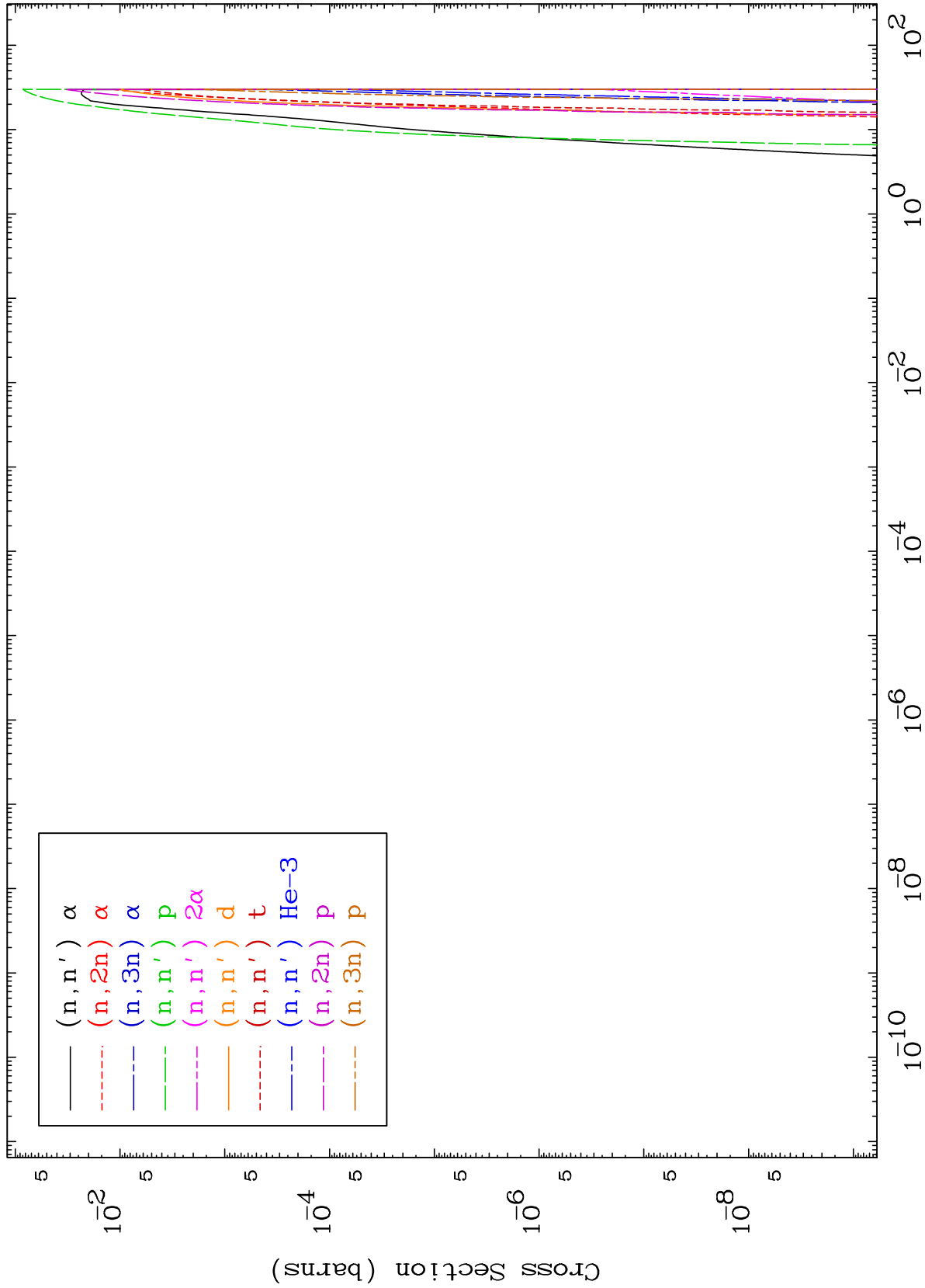
Incident Energy (MeV)

75-Re-181

MAT 7513

Charged Particle
293 Kelvin Cross Sections

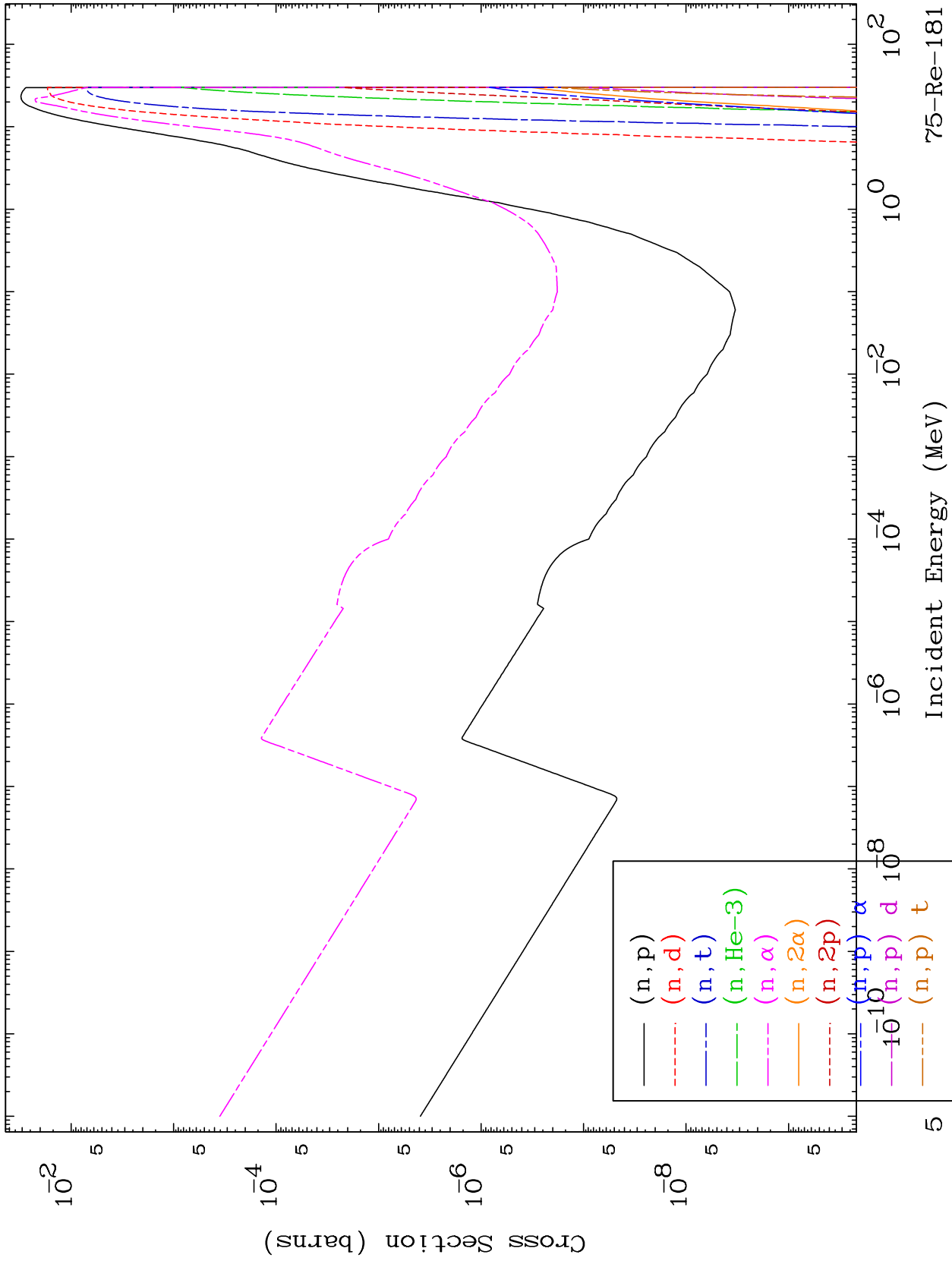
75-Re-181

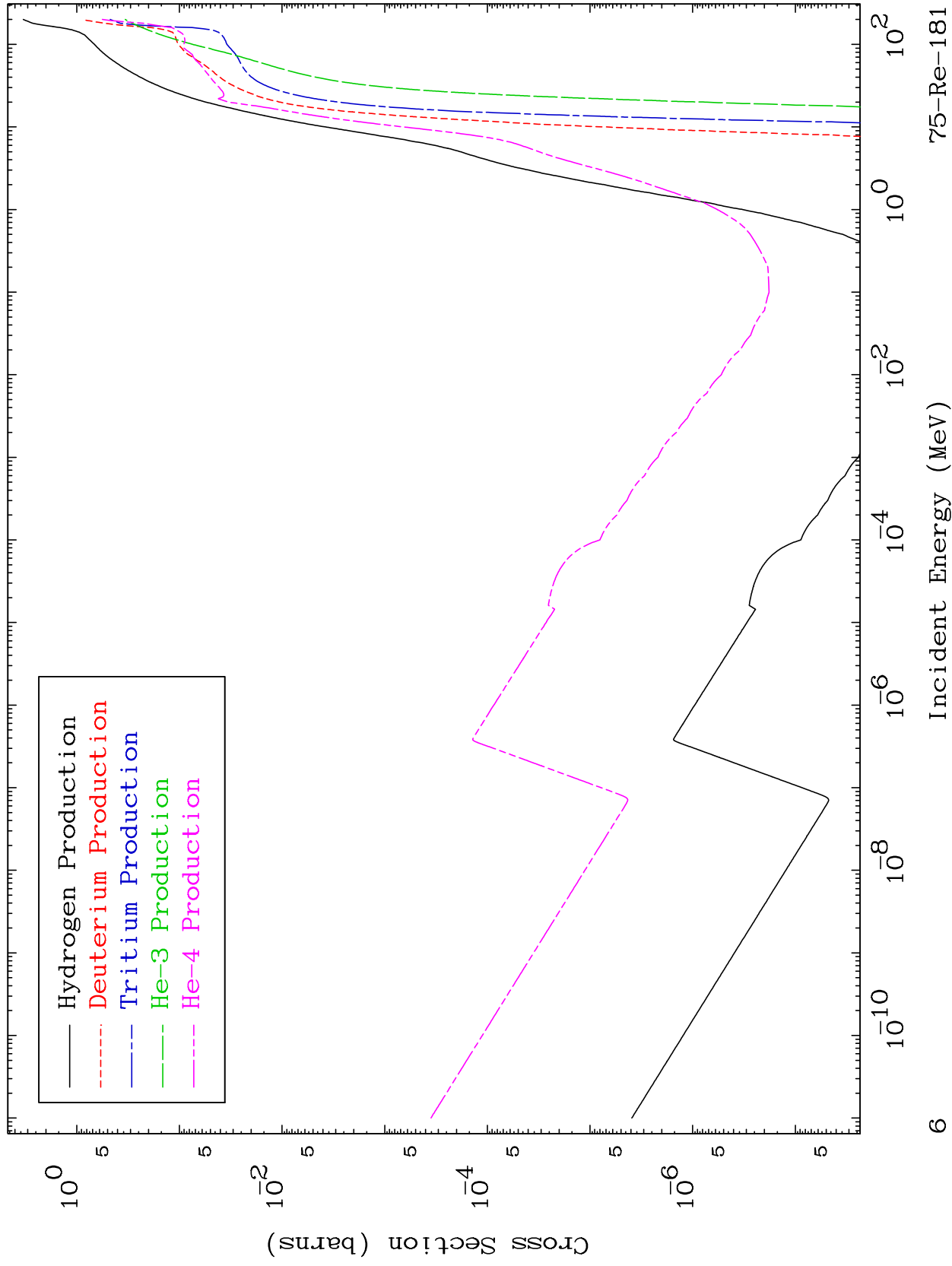


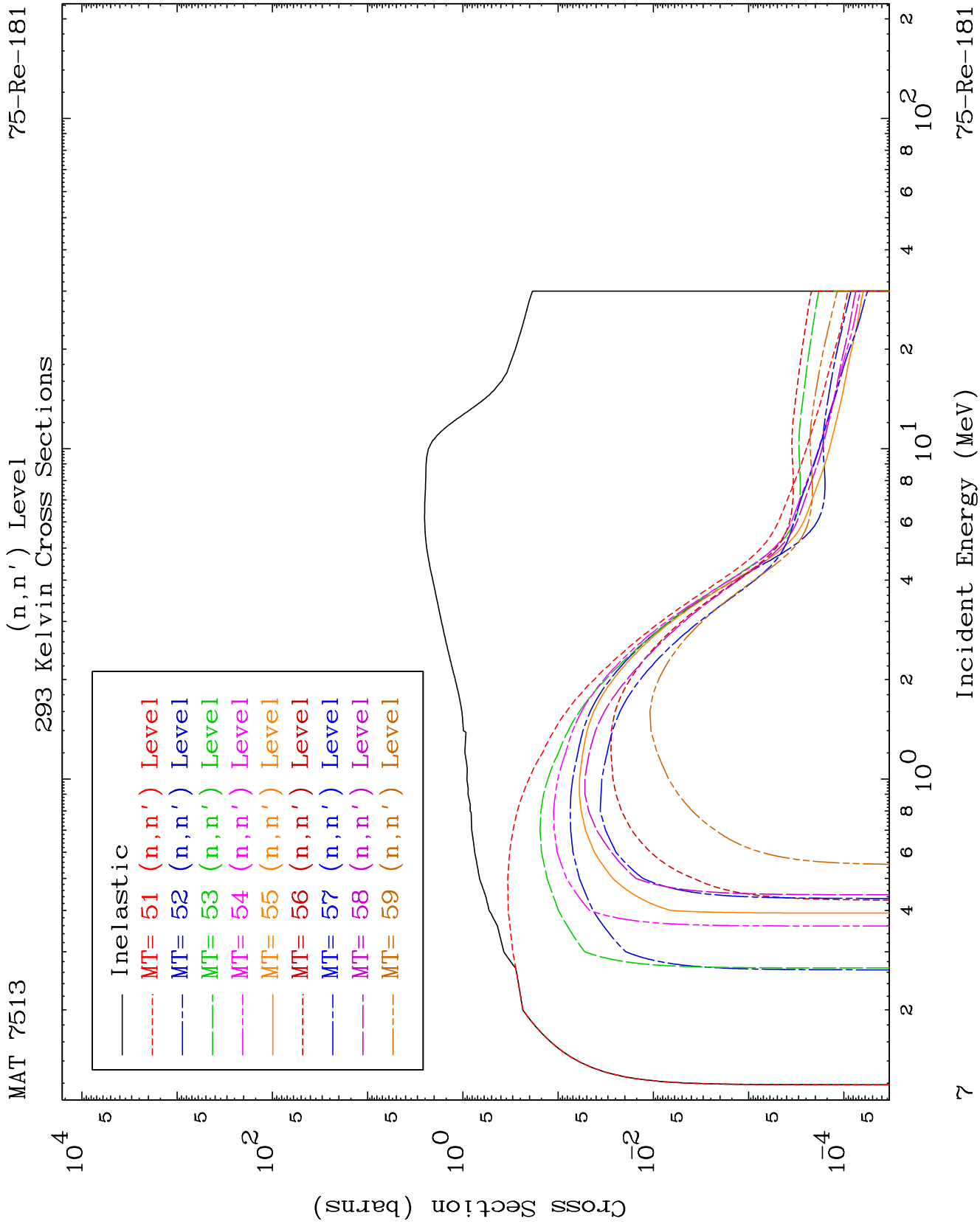
MAT 7513

Charged Particle
293 Kelvin Cross Sections

75-Re-181





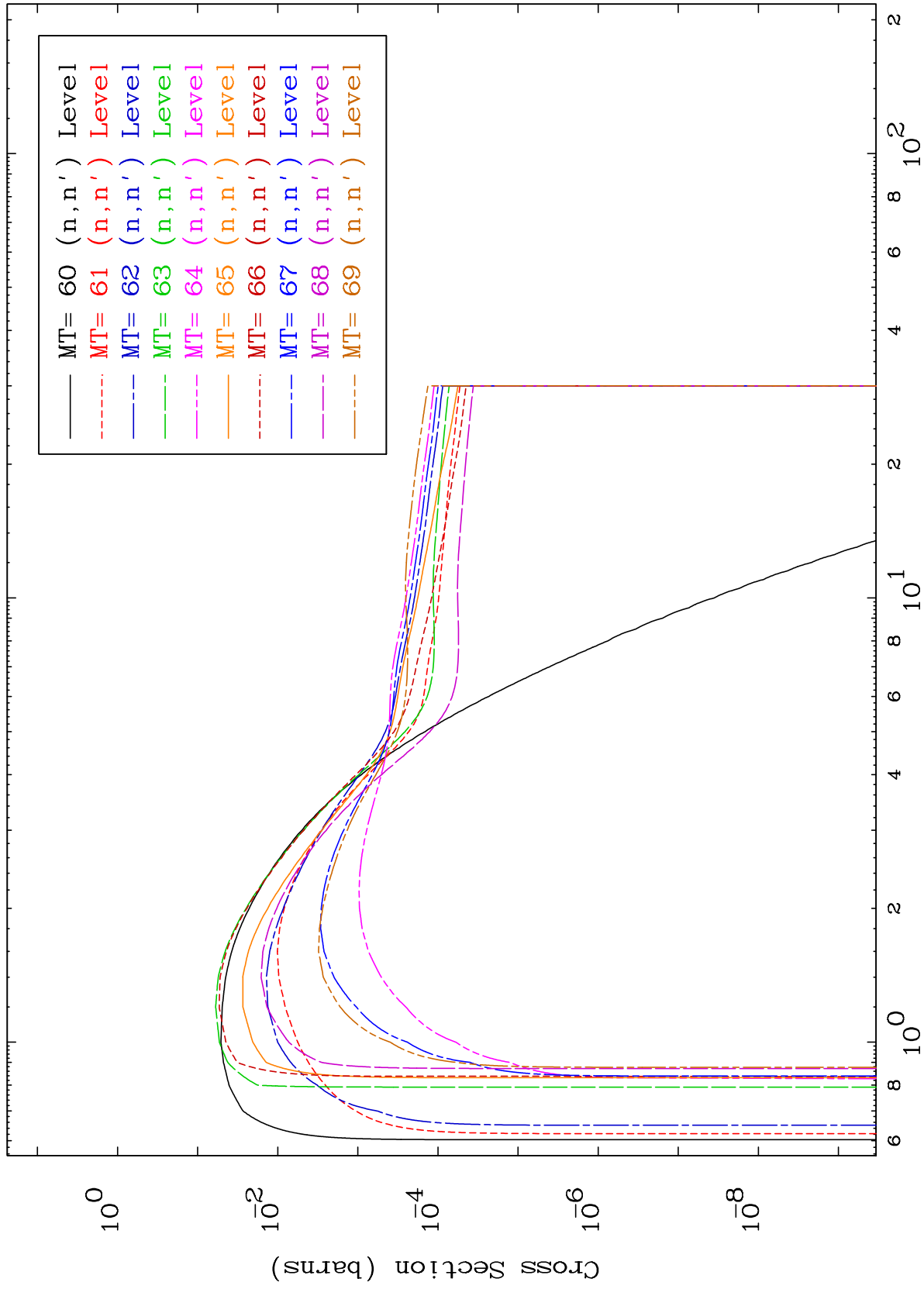


MAT 7513

(n,n') Level

293 Kelvin Cross Sections

75-Re-181



8

Incident Energy (MeV)

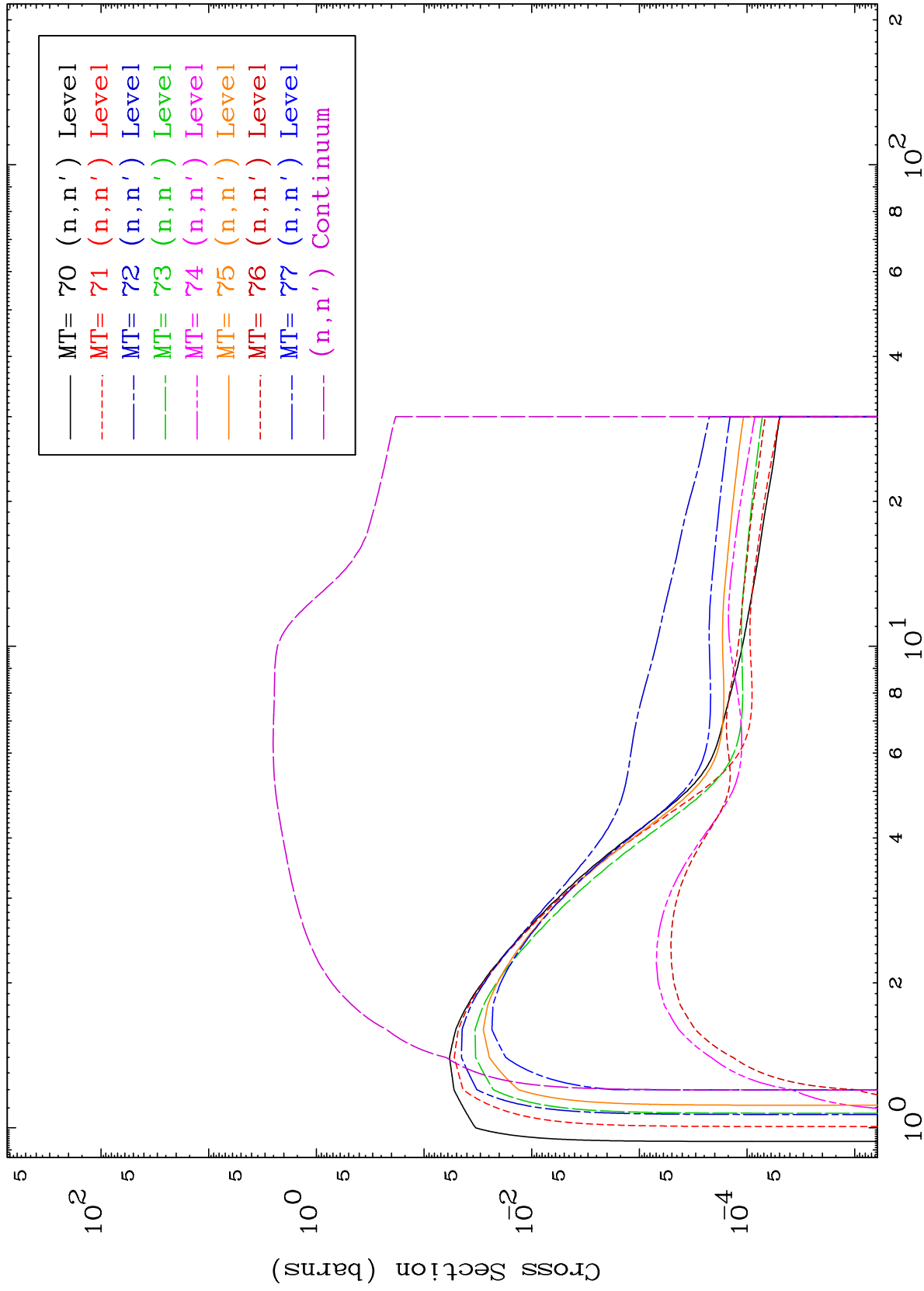
75-Re-181

MAT 7513

(n,n') Level

75-Re-181

293 Kelvin Cross Sections



9

Incident Energy (MeV)

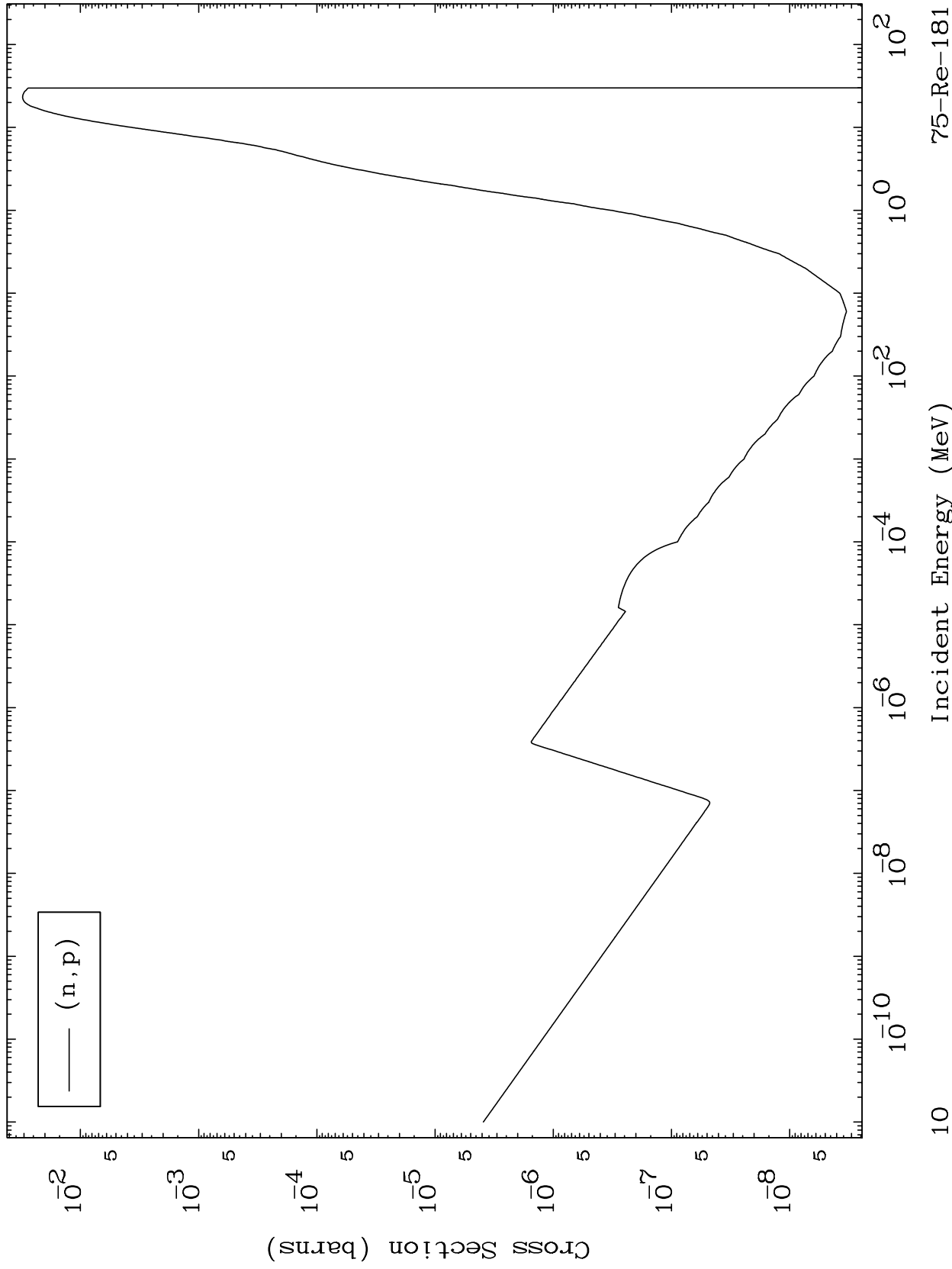
75-Re-181

MAT 7513

293 Kelvin Cross Sections

(n,p) Levels

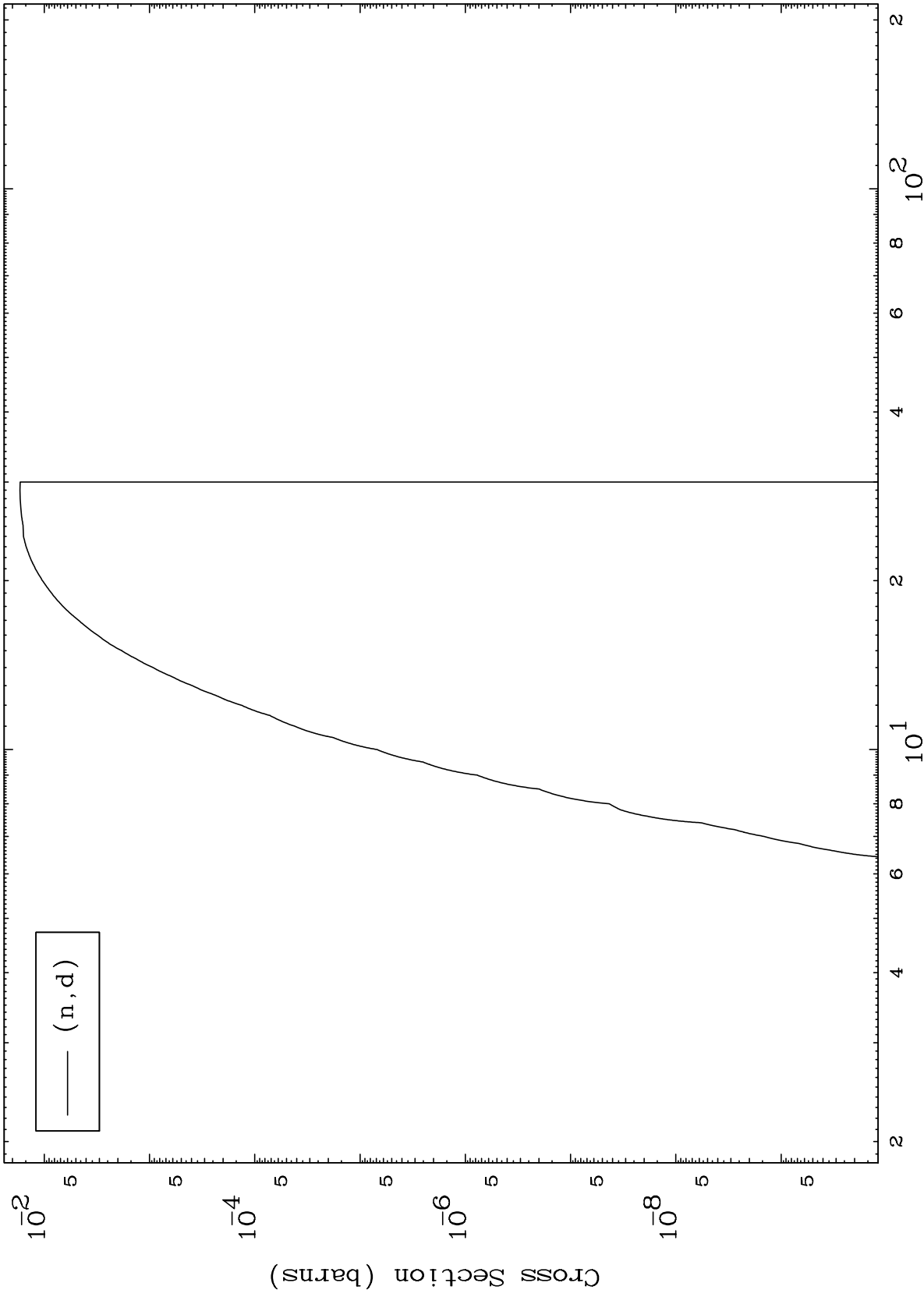
75-Re-181



MAT 7513

(n,d) Levels
293 Kelvin Cross Sections

75-Re-181



11

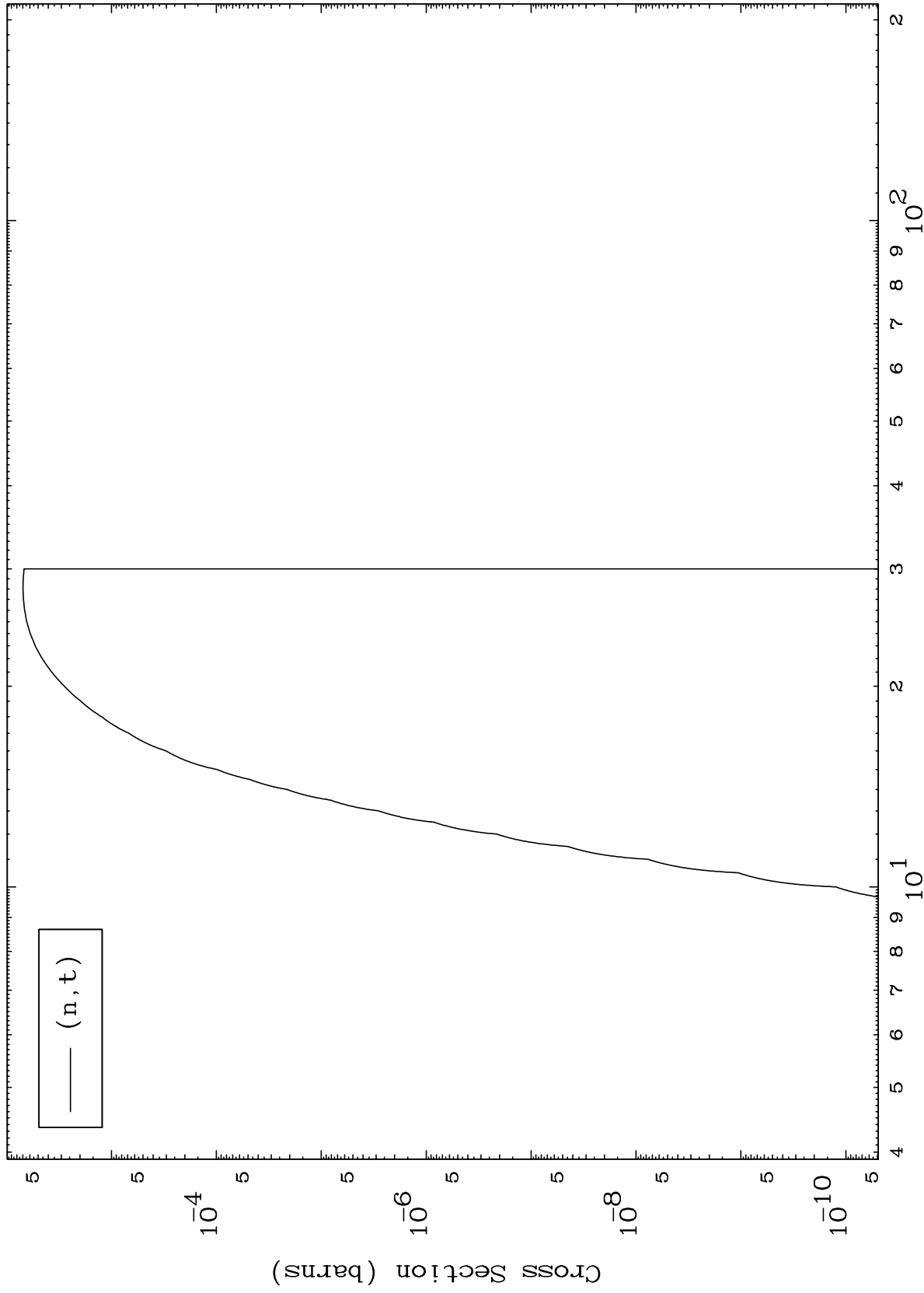
Incident Energy (MeV)

75-Re-181

MAT 7513

75-Re-181

(n,t) Levels
293 Kelvin Cross Sections



12

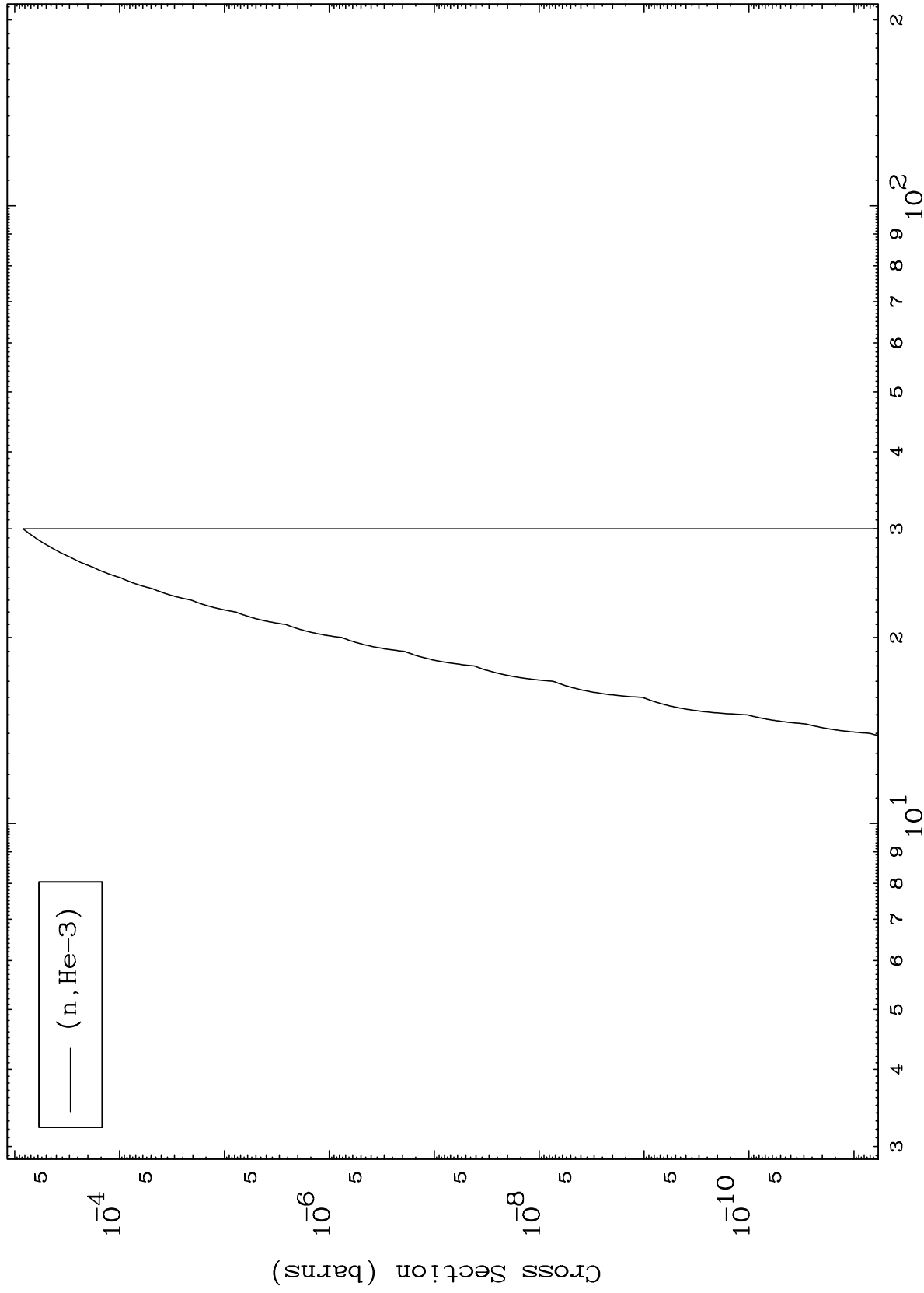
Incident Energy (MeV)

75-Re-181

MAT 7513

75-Re-181

(n,He3) Levels
293 Kelvin Cross Sections



13

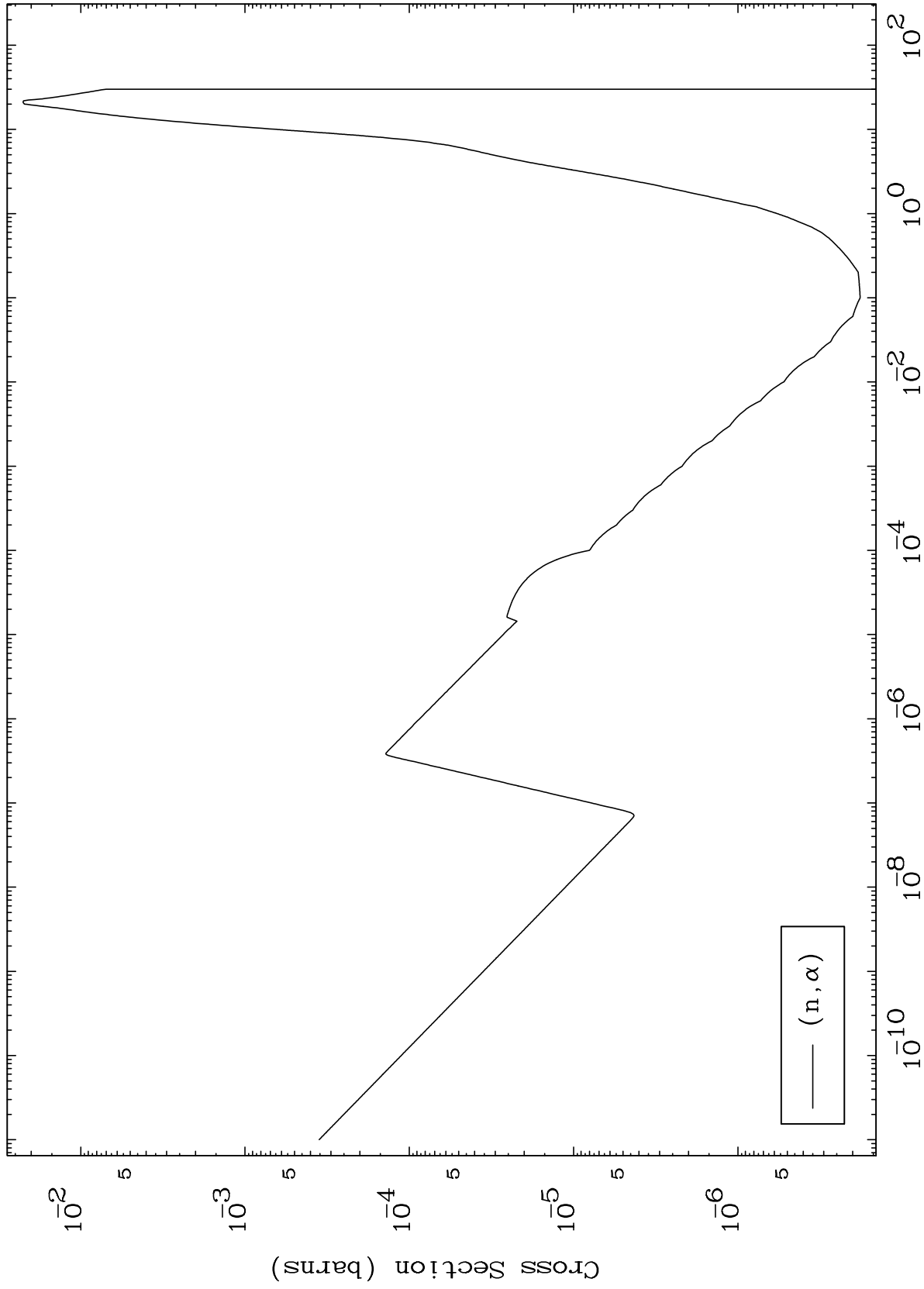
Incident Energy (MeV)

75-Re-181

MAT 7513

(n, α) Levels
293 Kelvin Cross Sections

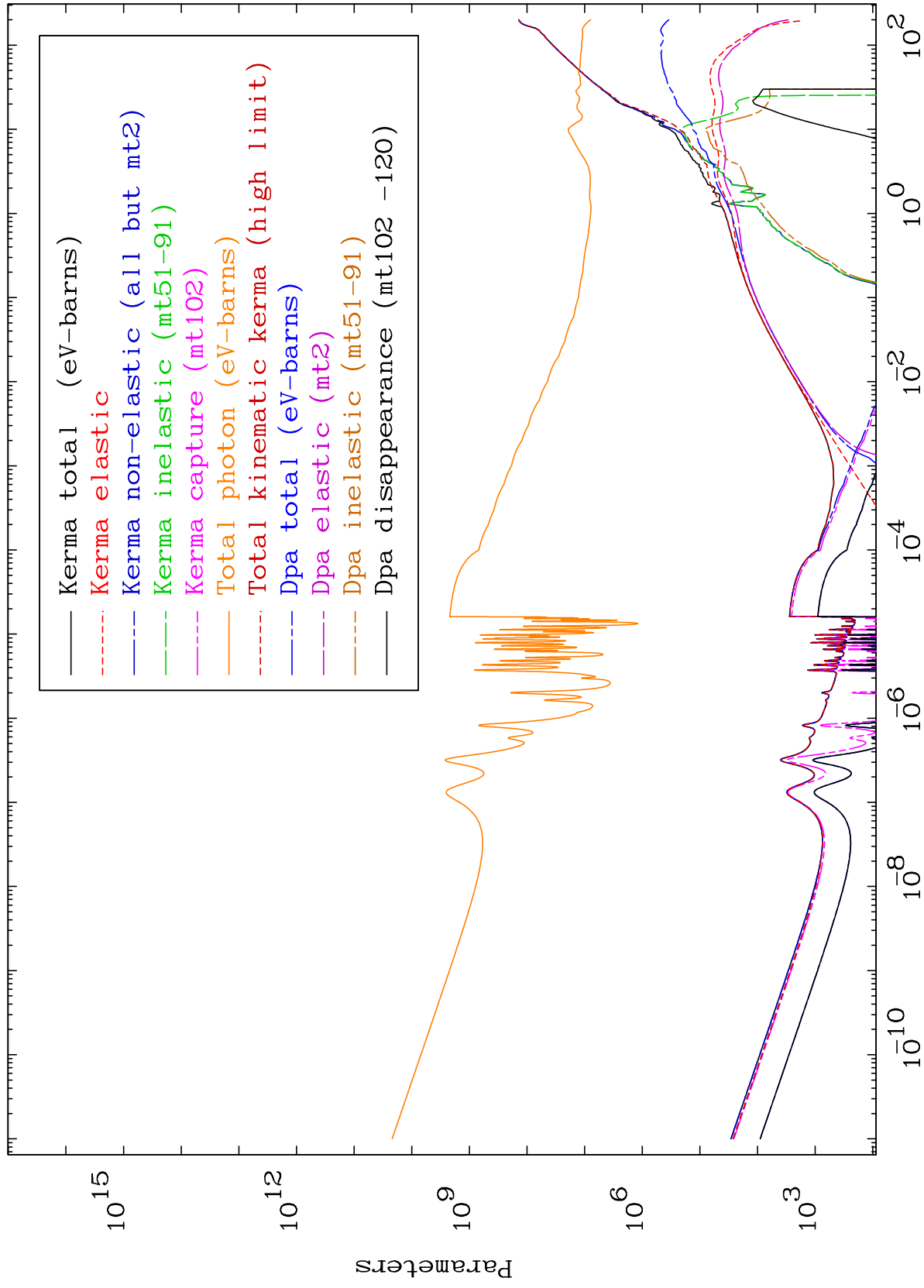
75-Re-181

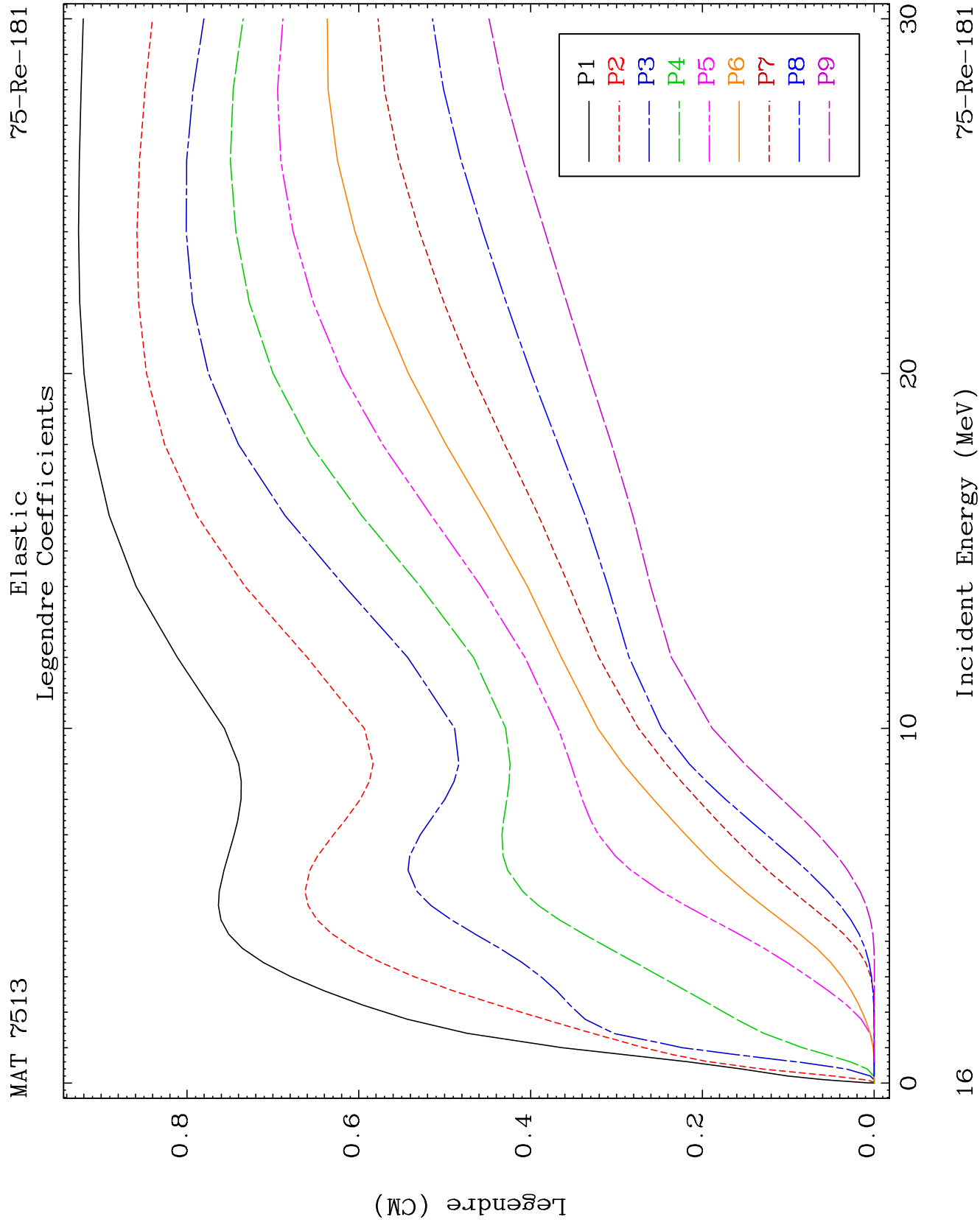


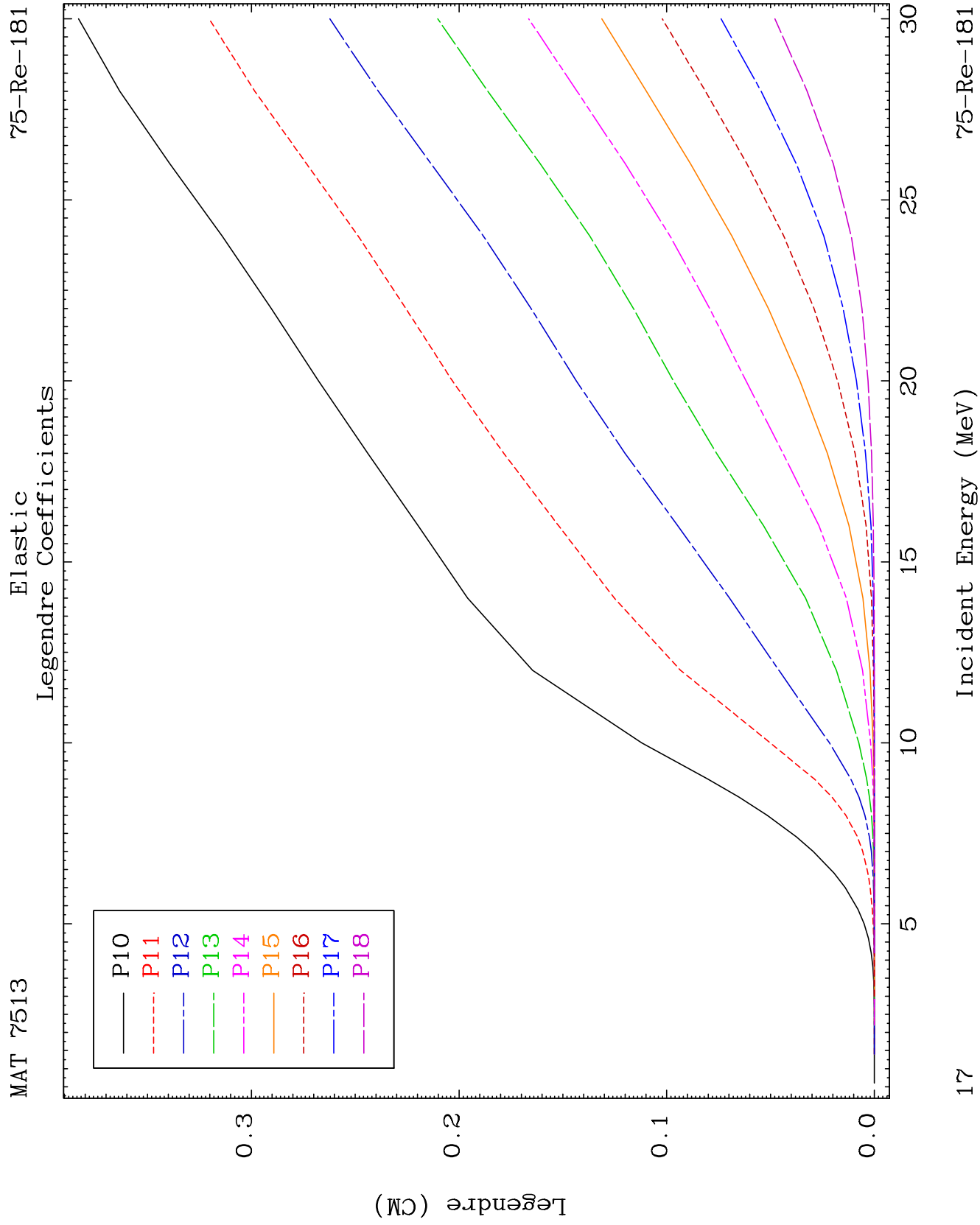
14

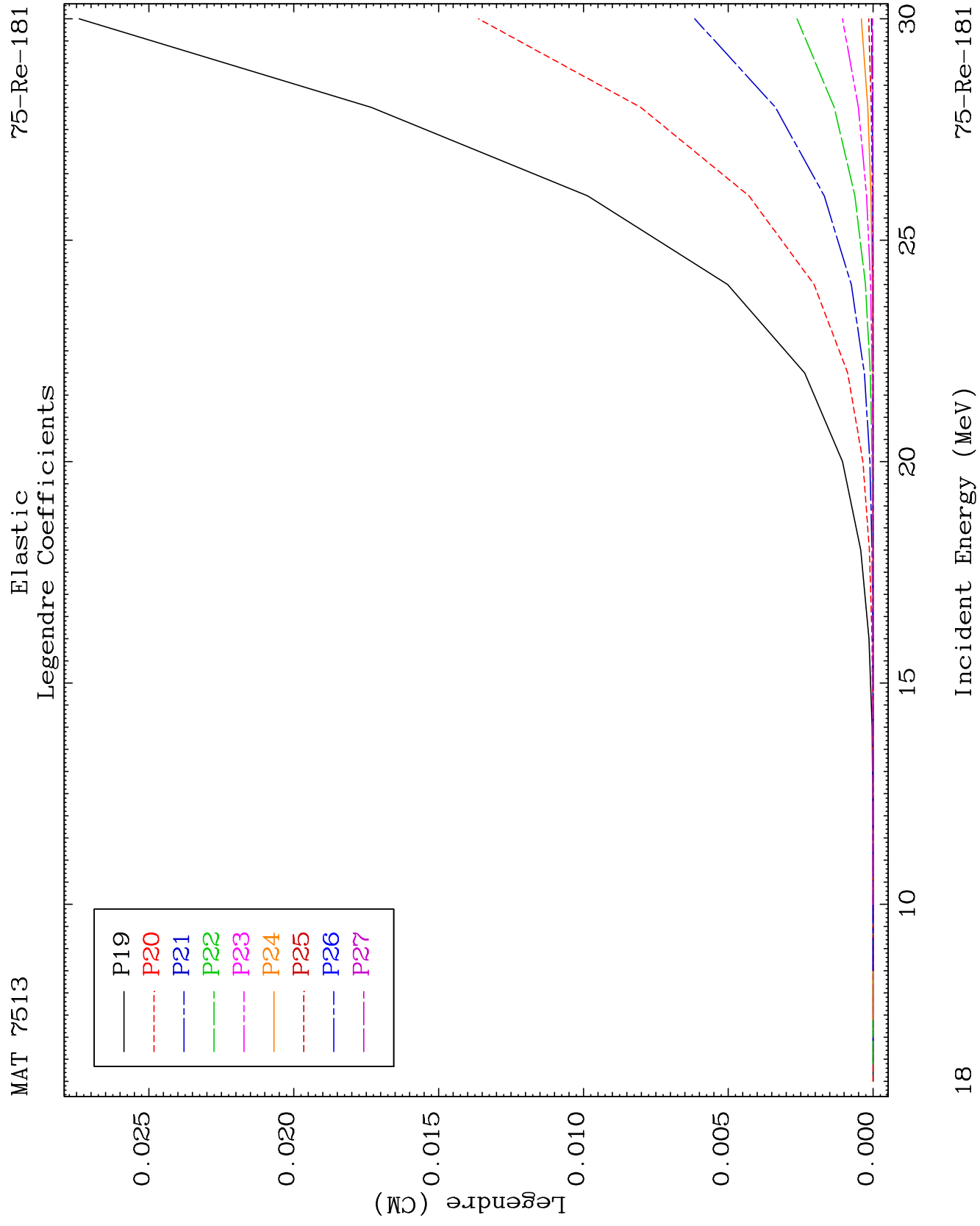
Incident Energy (MeV)

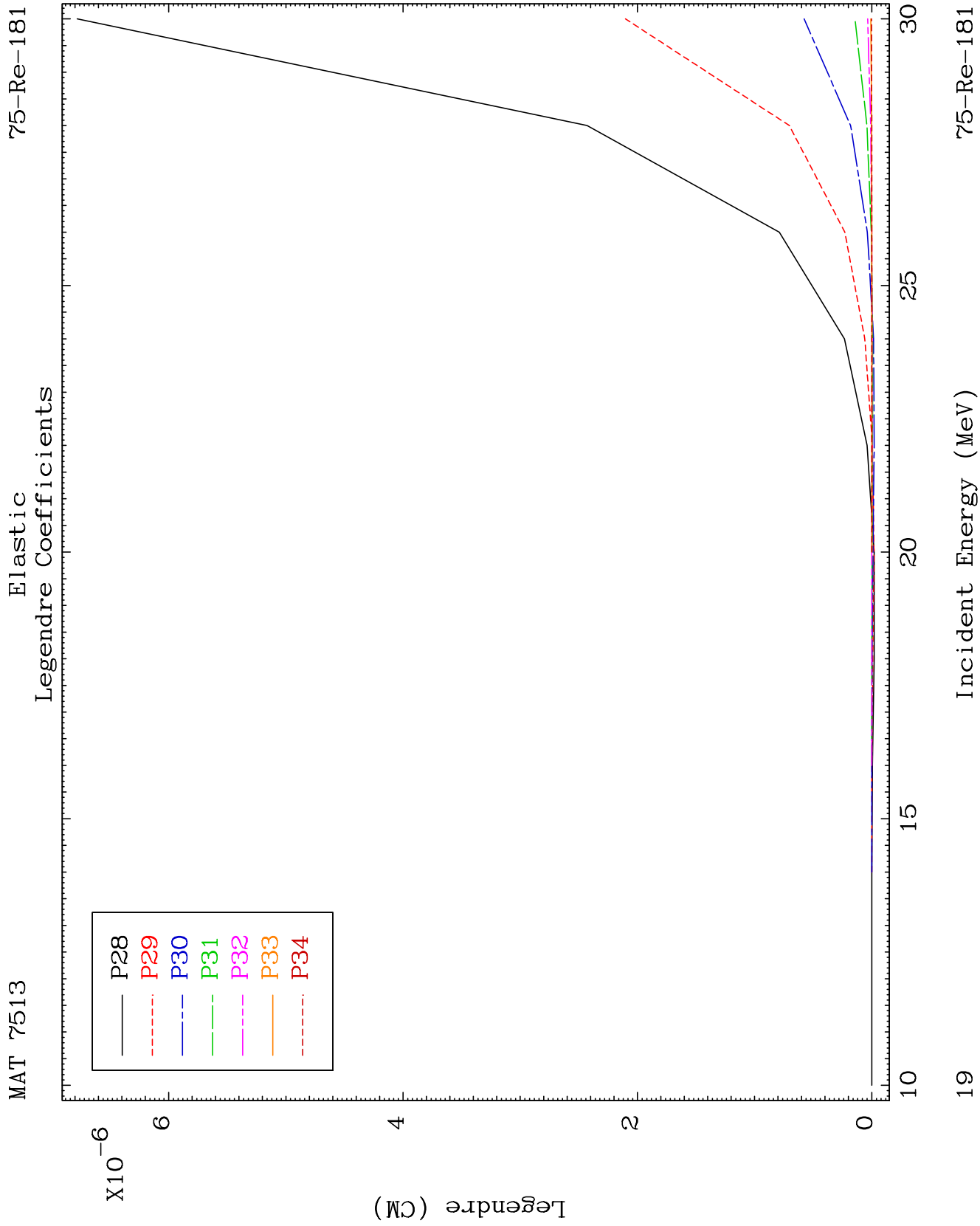
75-Re-181

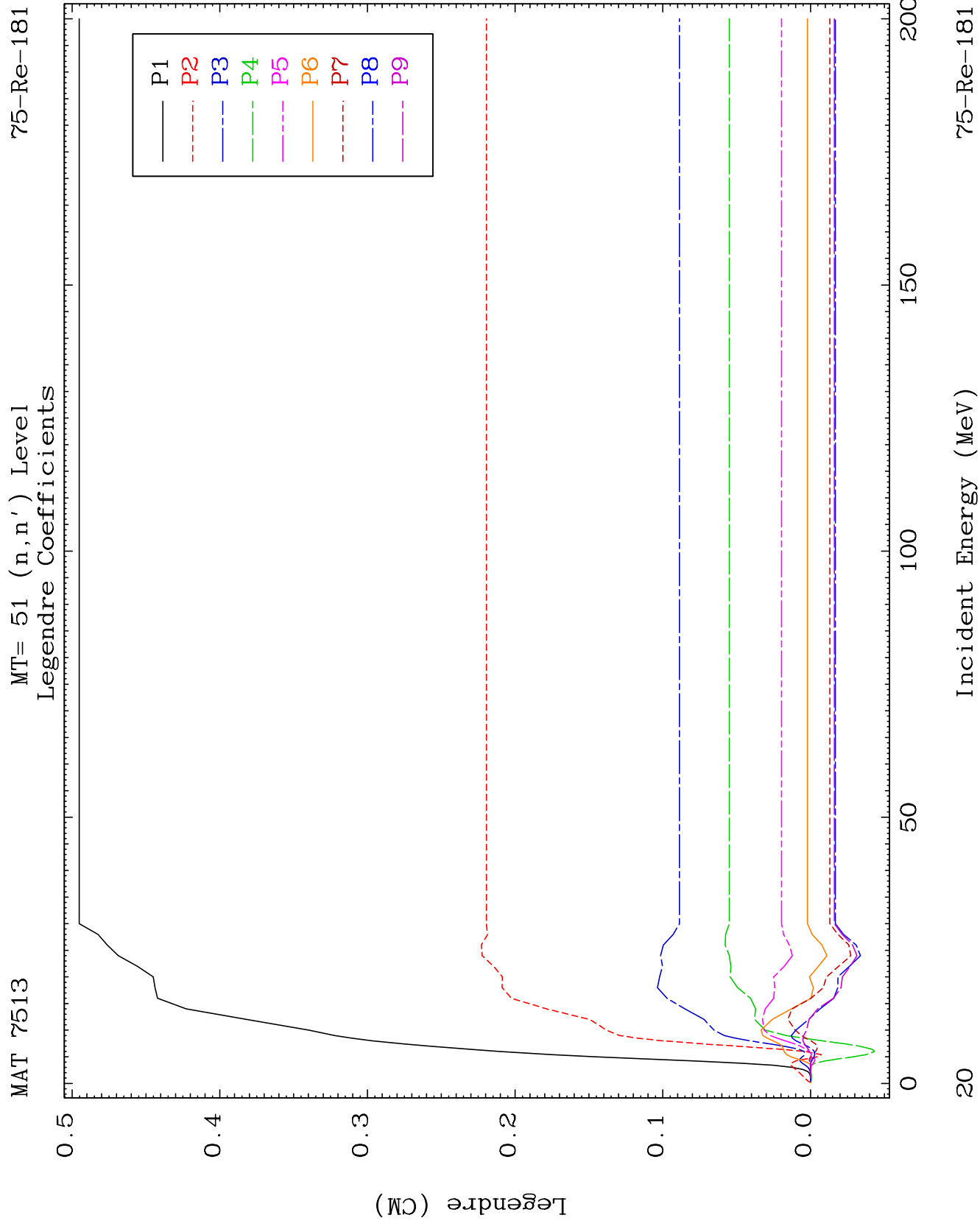


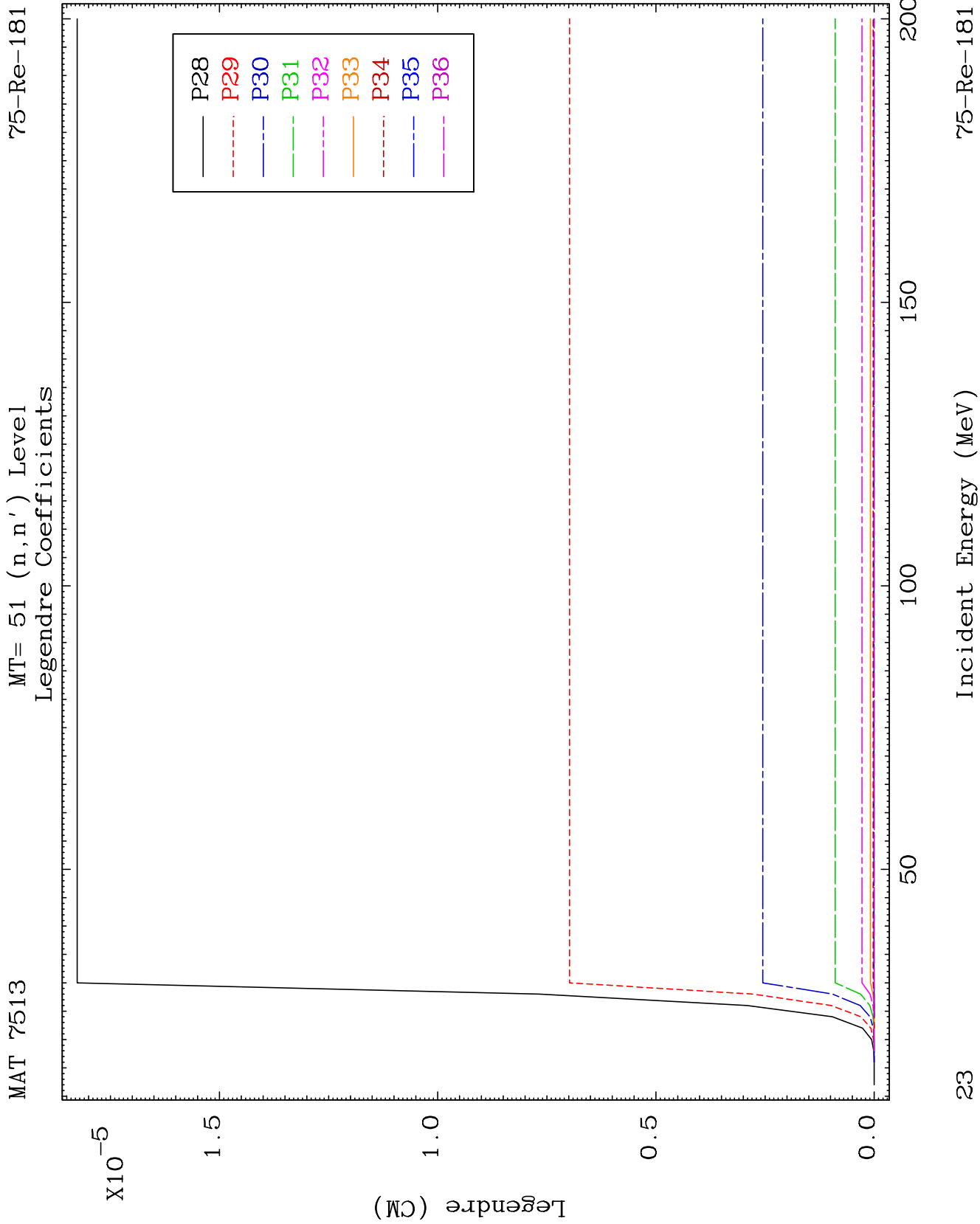


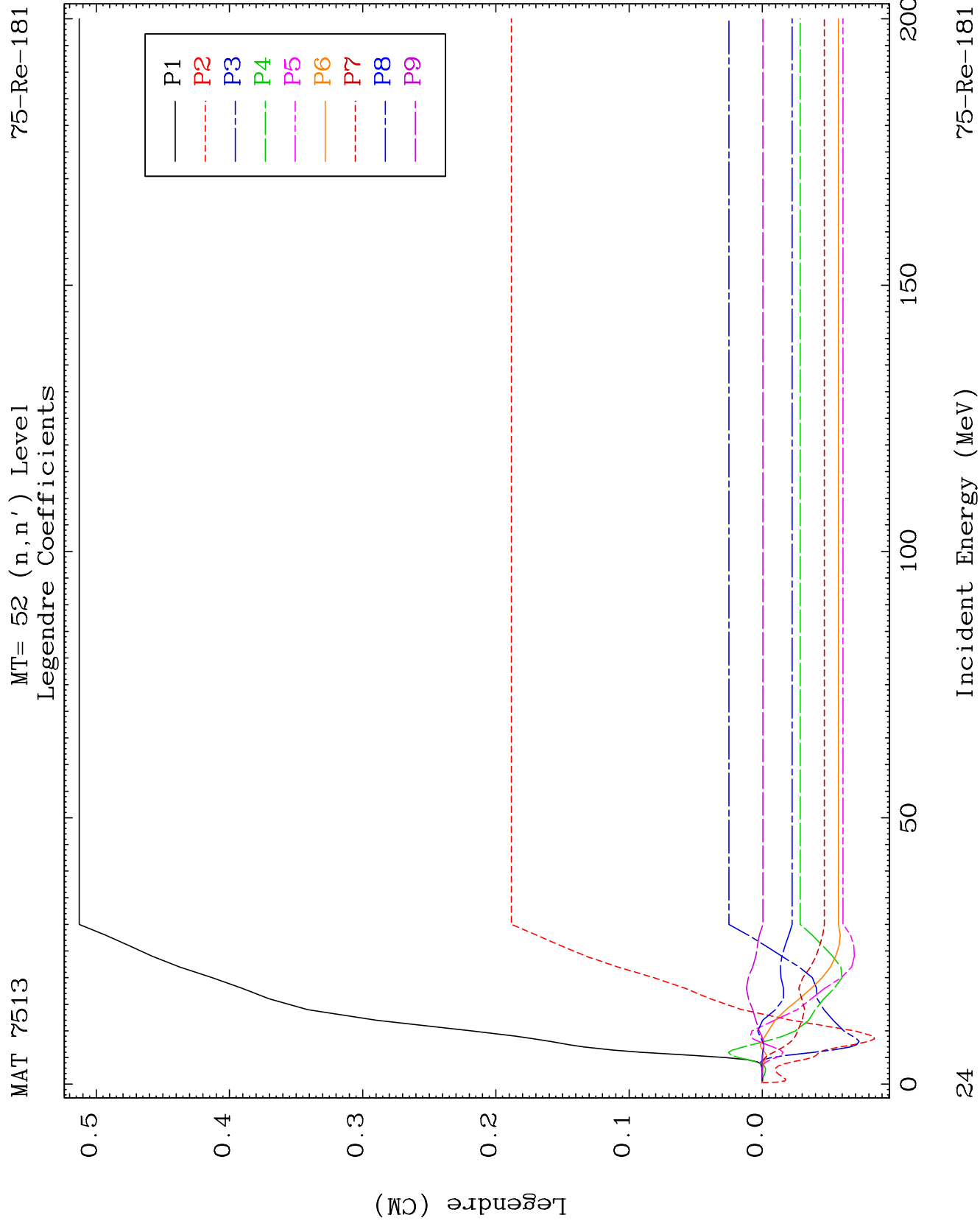


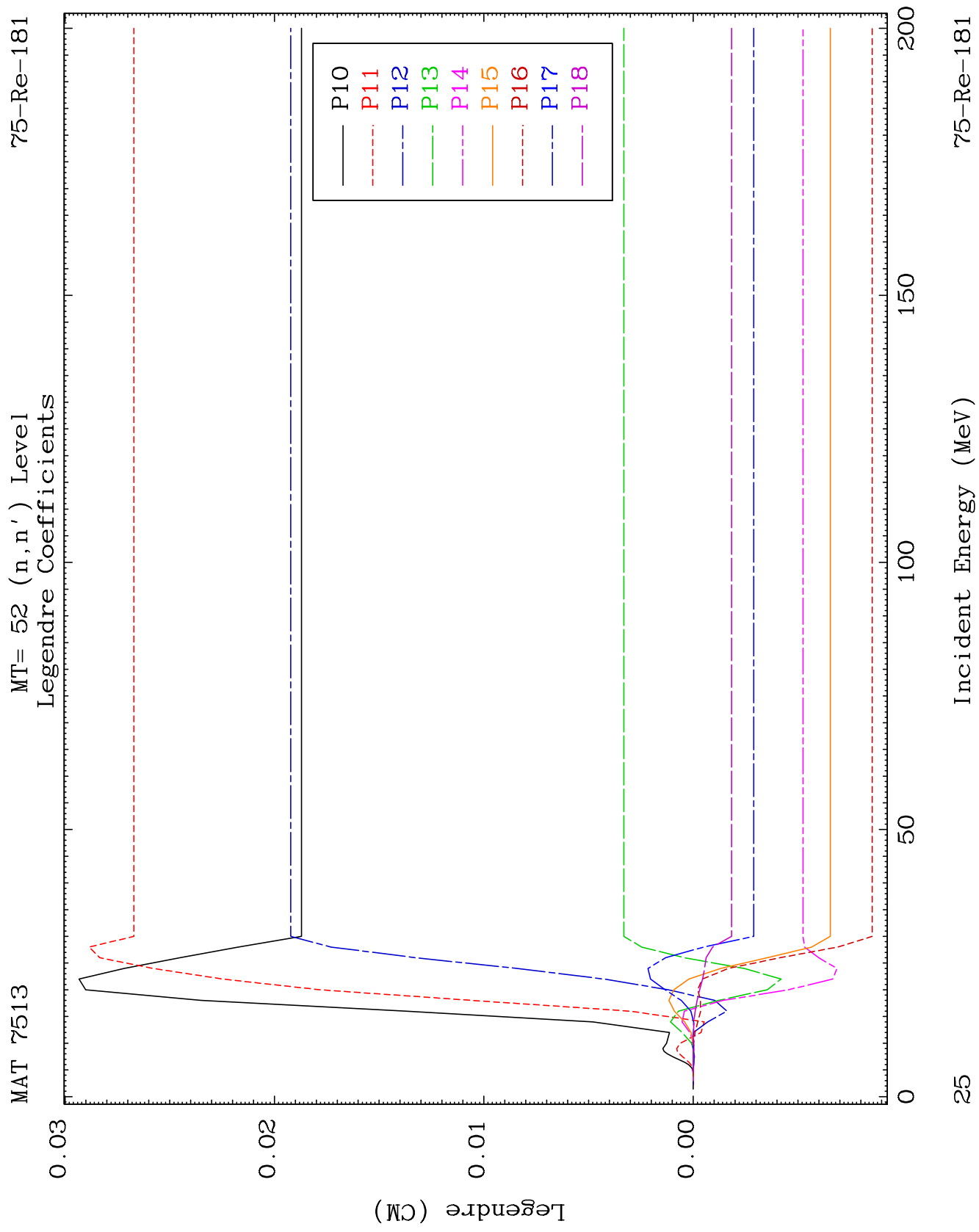


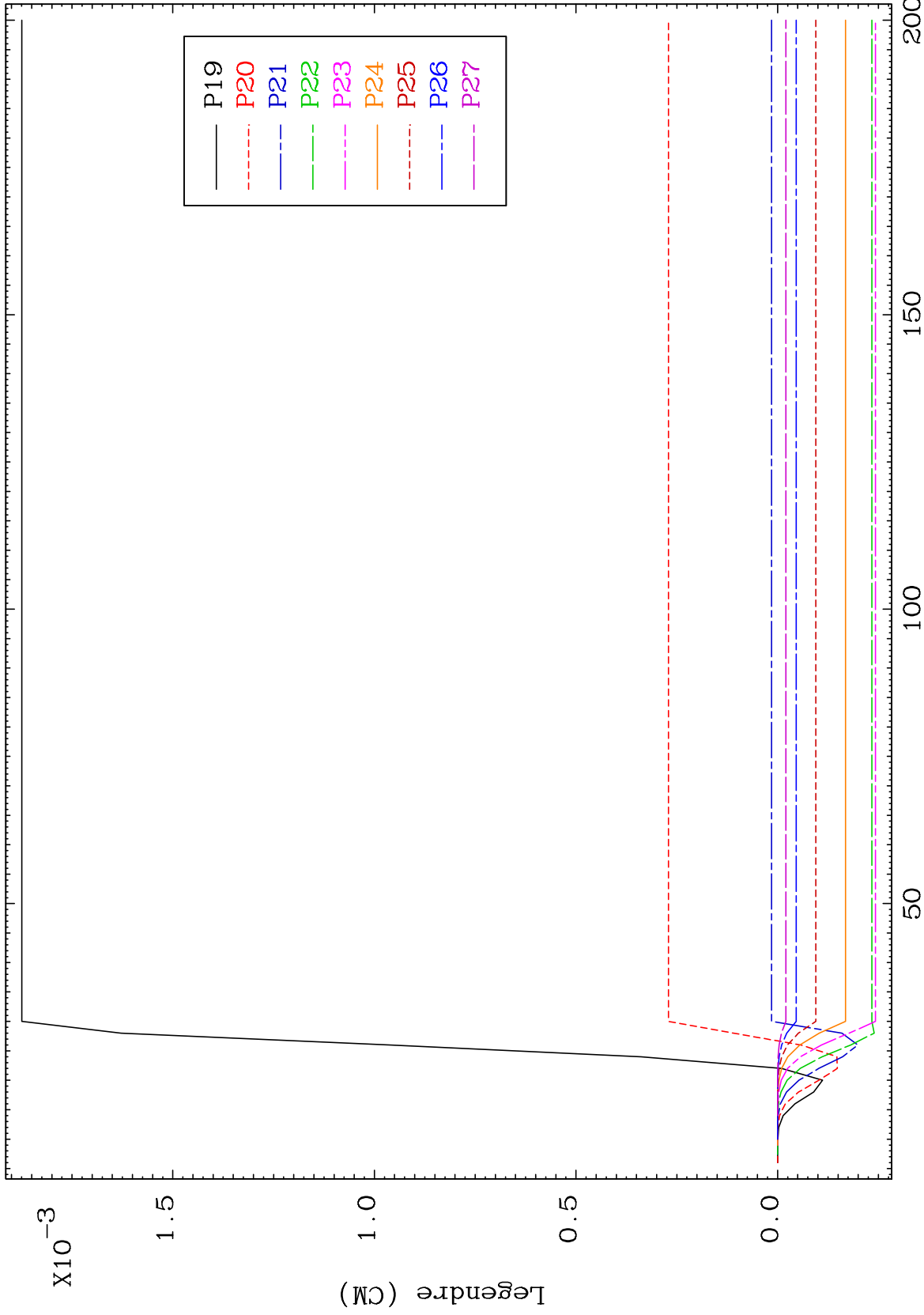


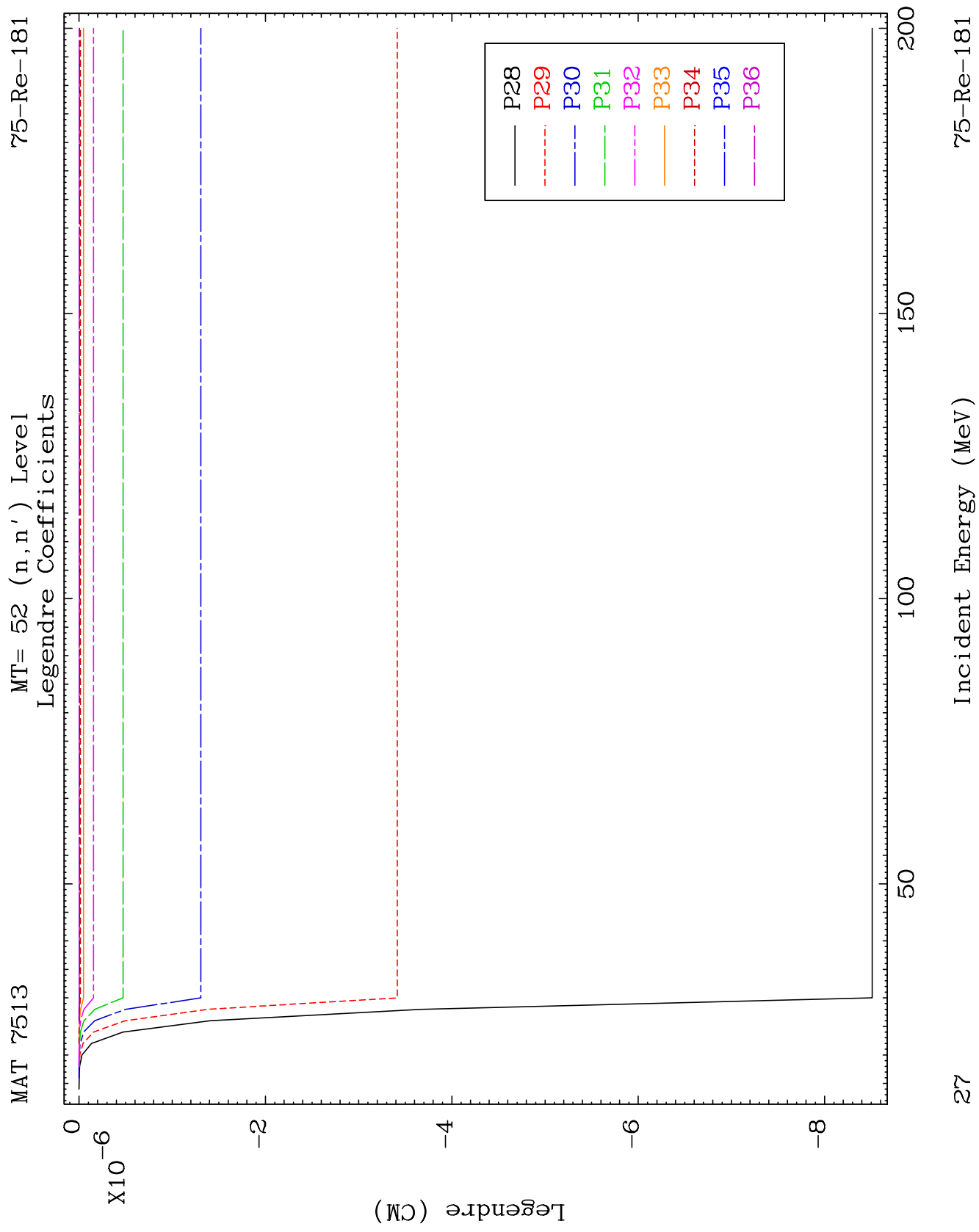








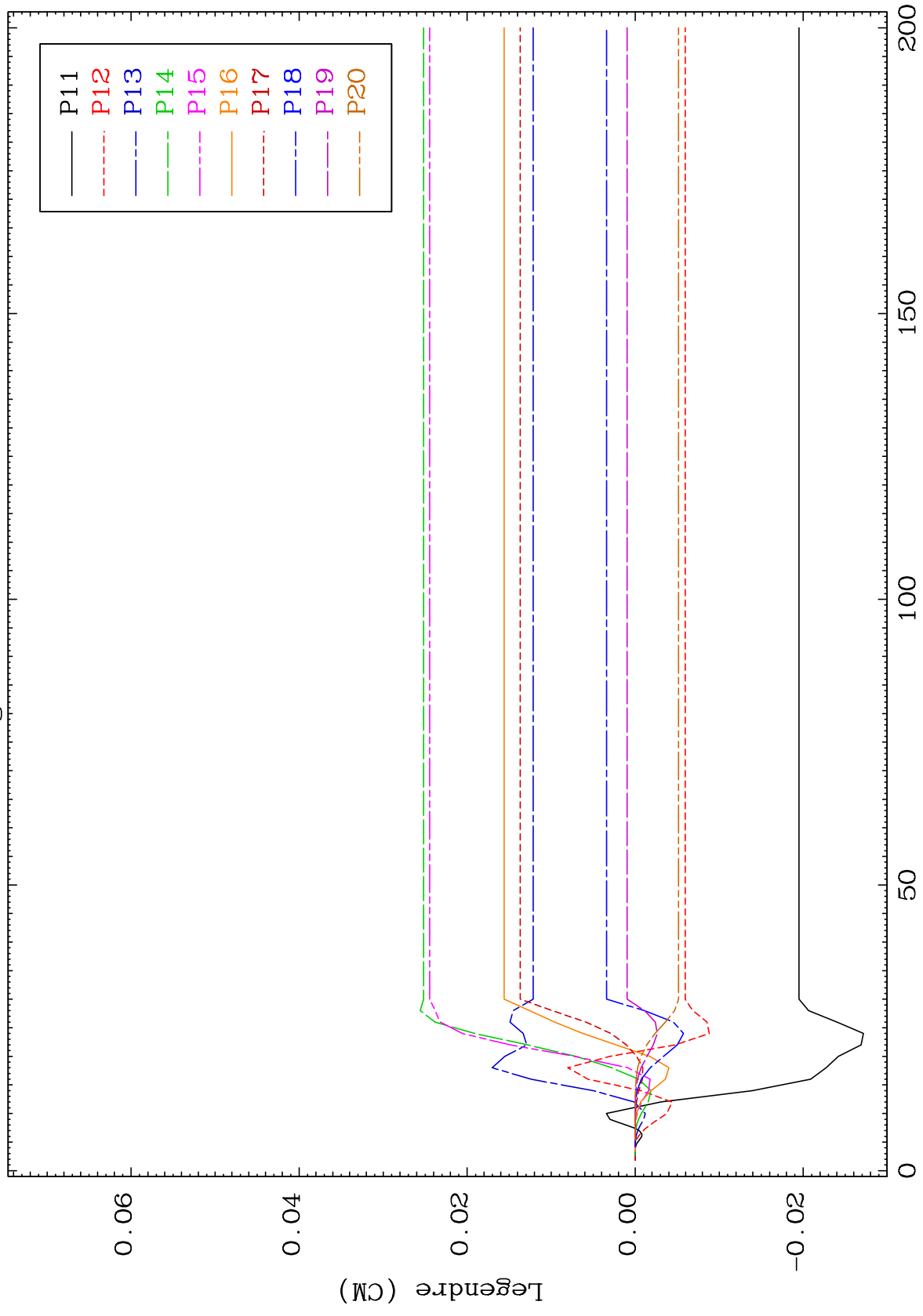




MAT 7513

MT= 53 (n, n') Level
Legendre Coefficients

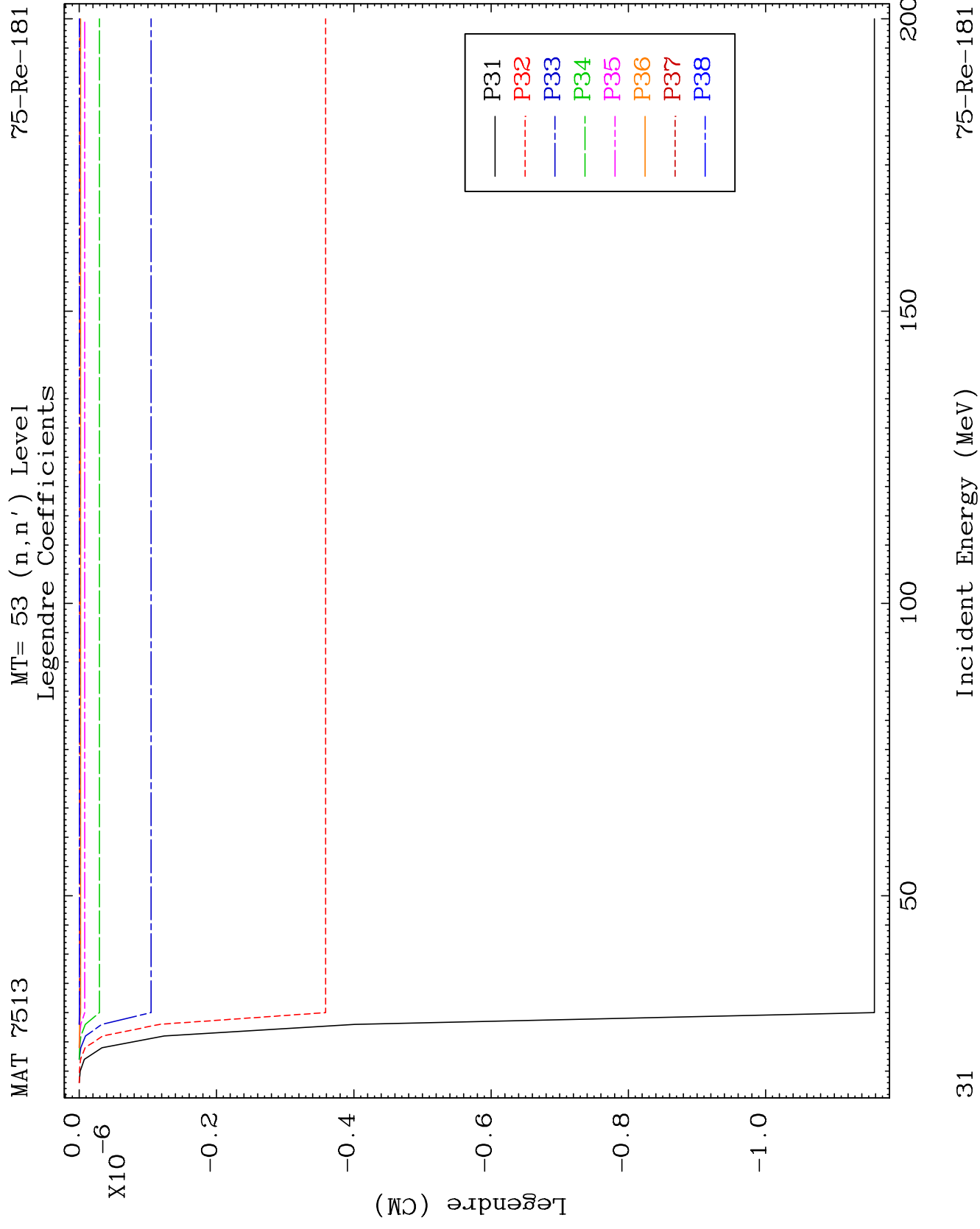
75-Re-181

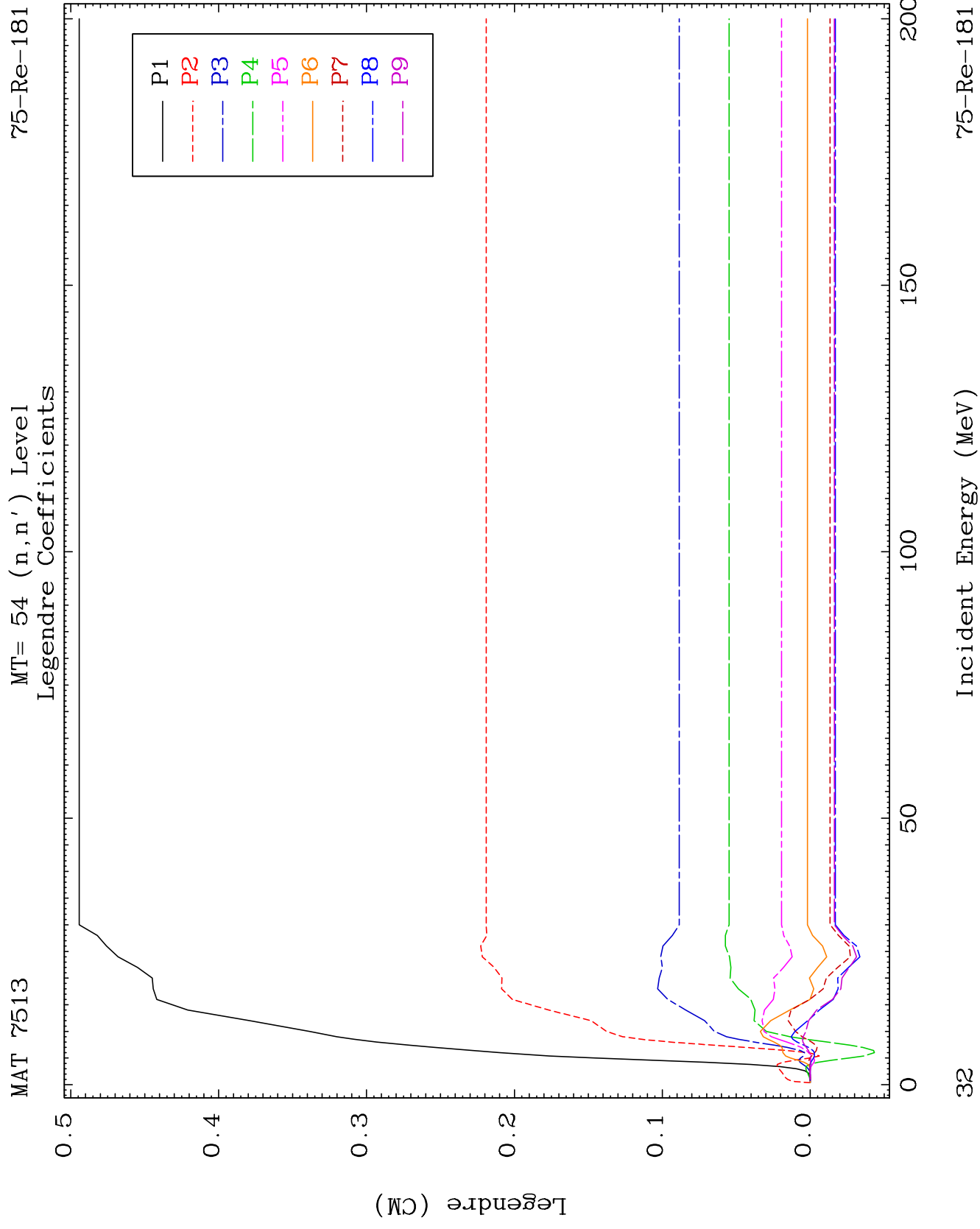


22

Incident Energy (MeV)

75-Re-181

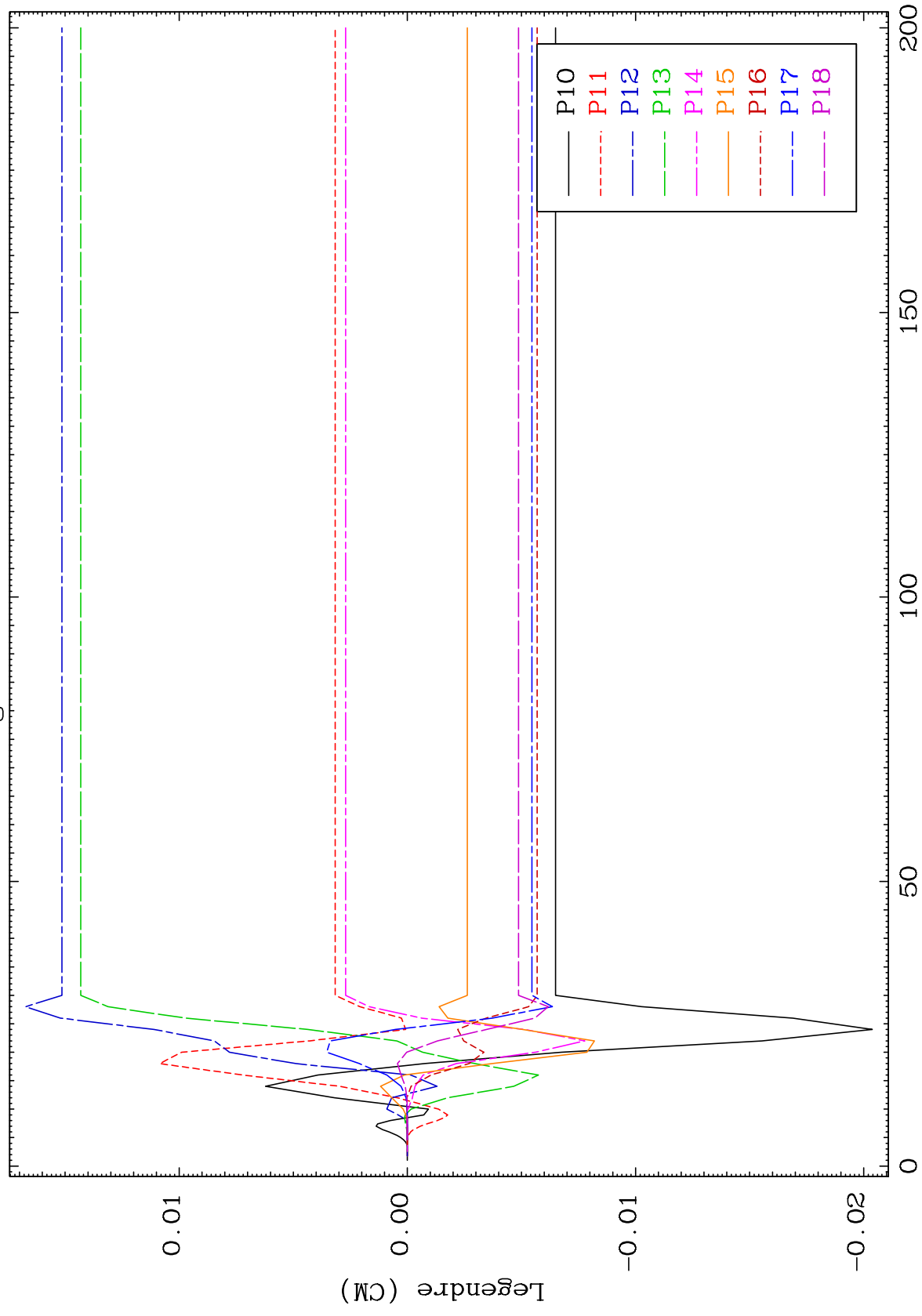




MAT 7513

MT= 54 (n, n') Level
Legendre Coefficients

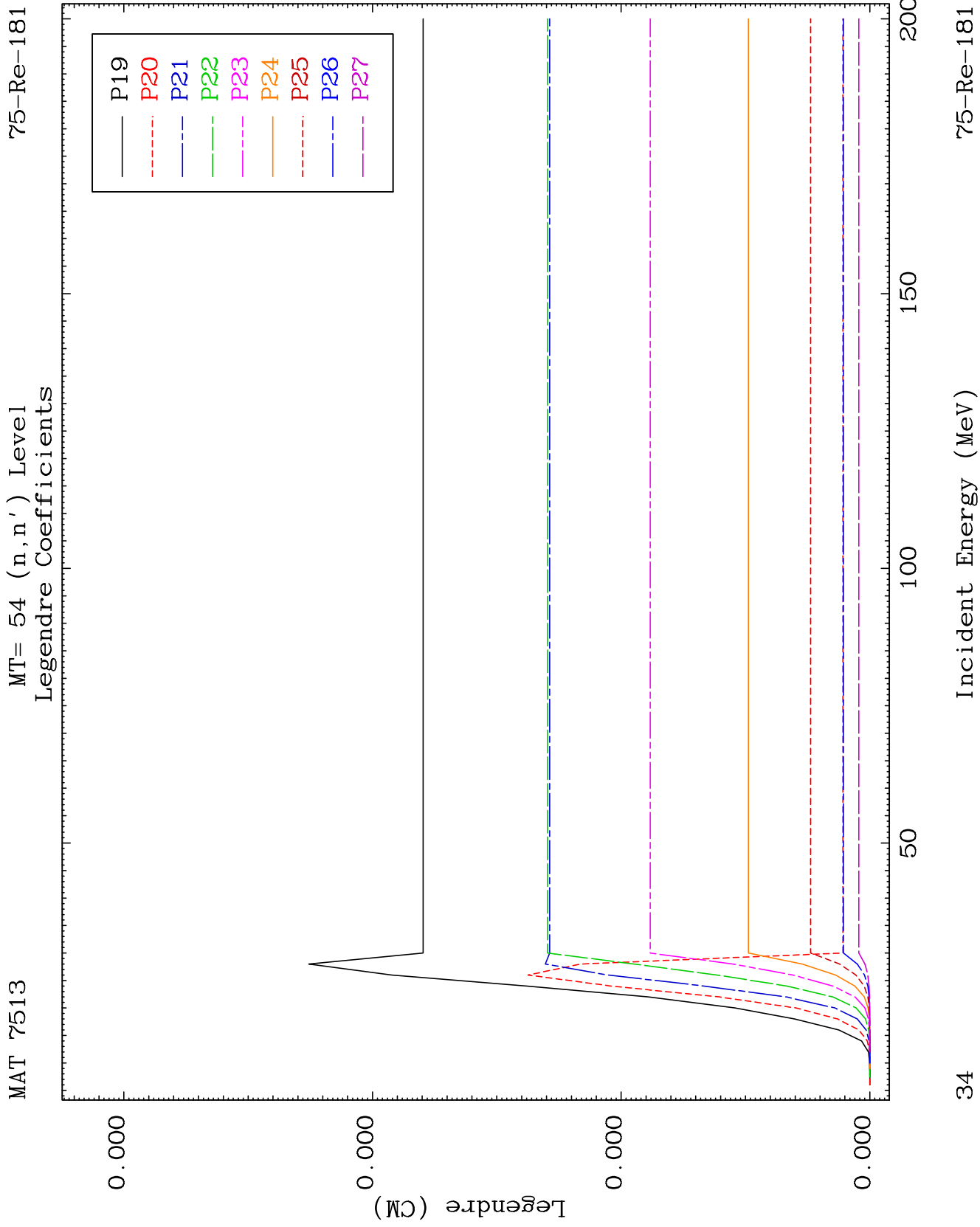
75-Re-181

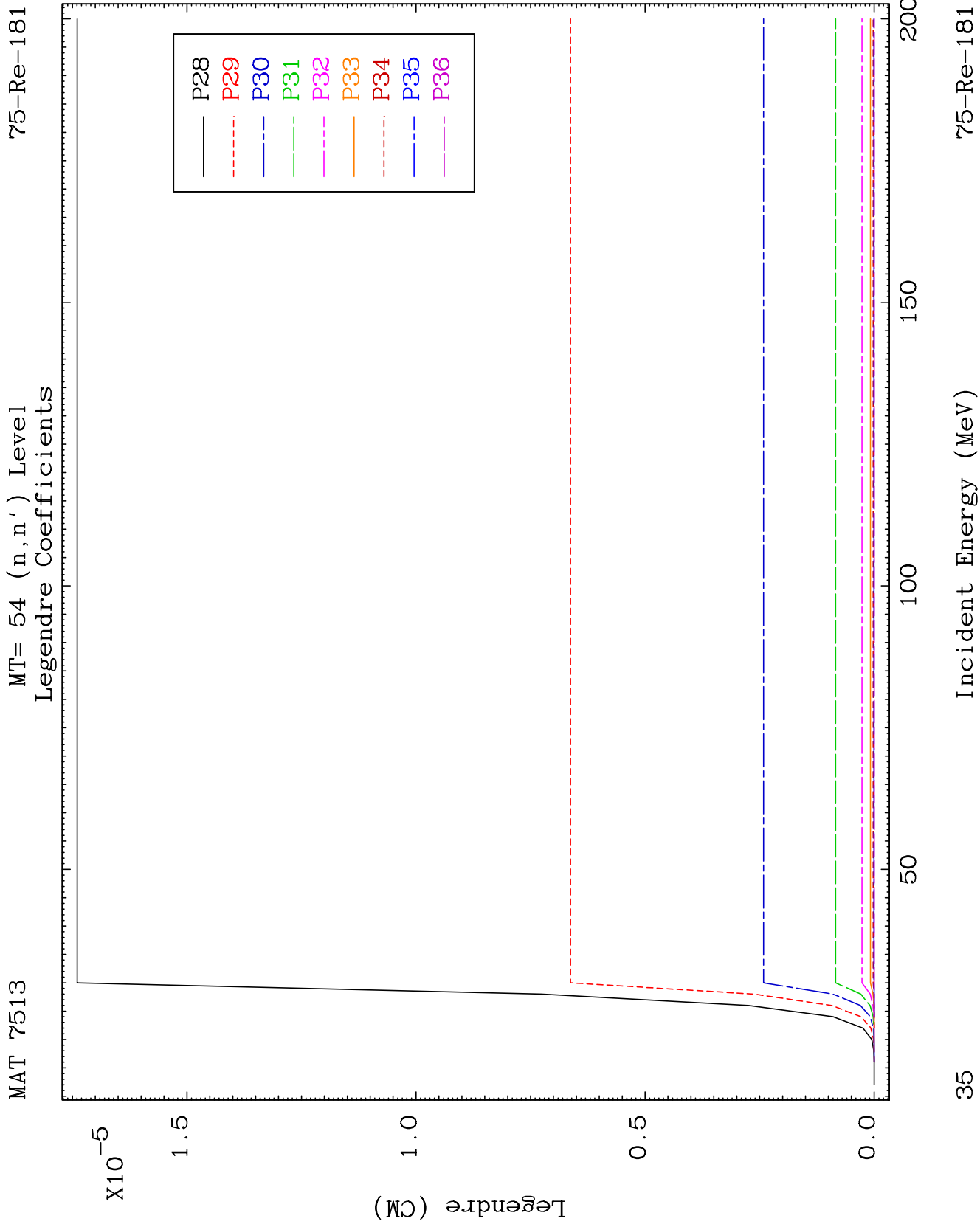


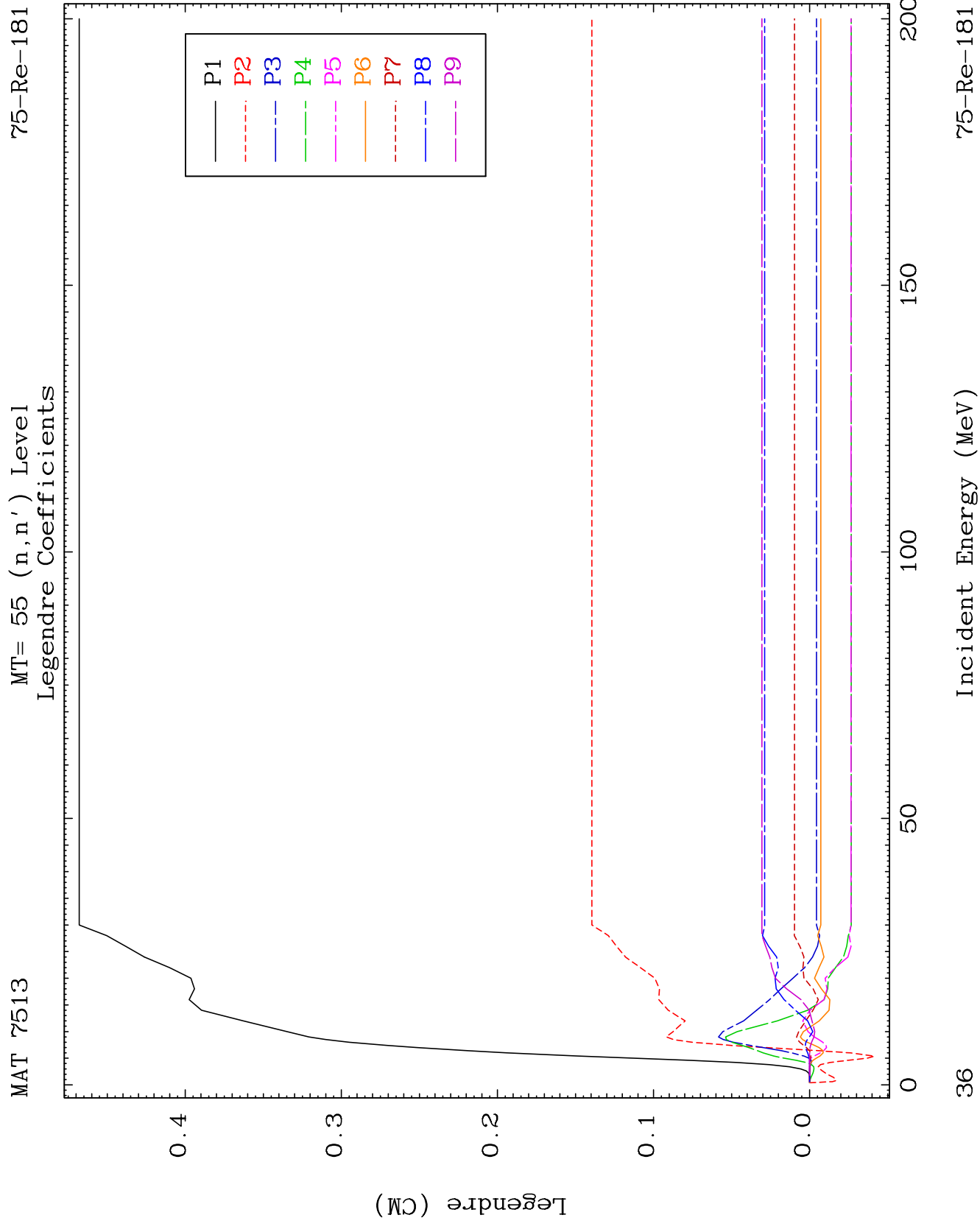
33

Incident Energy (MeV)

75-Re-181



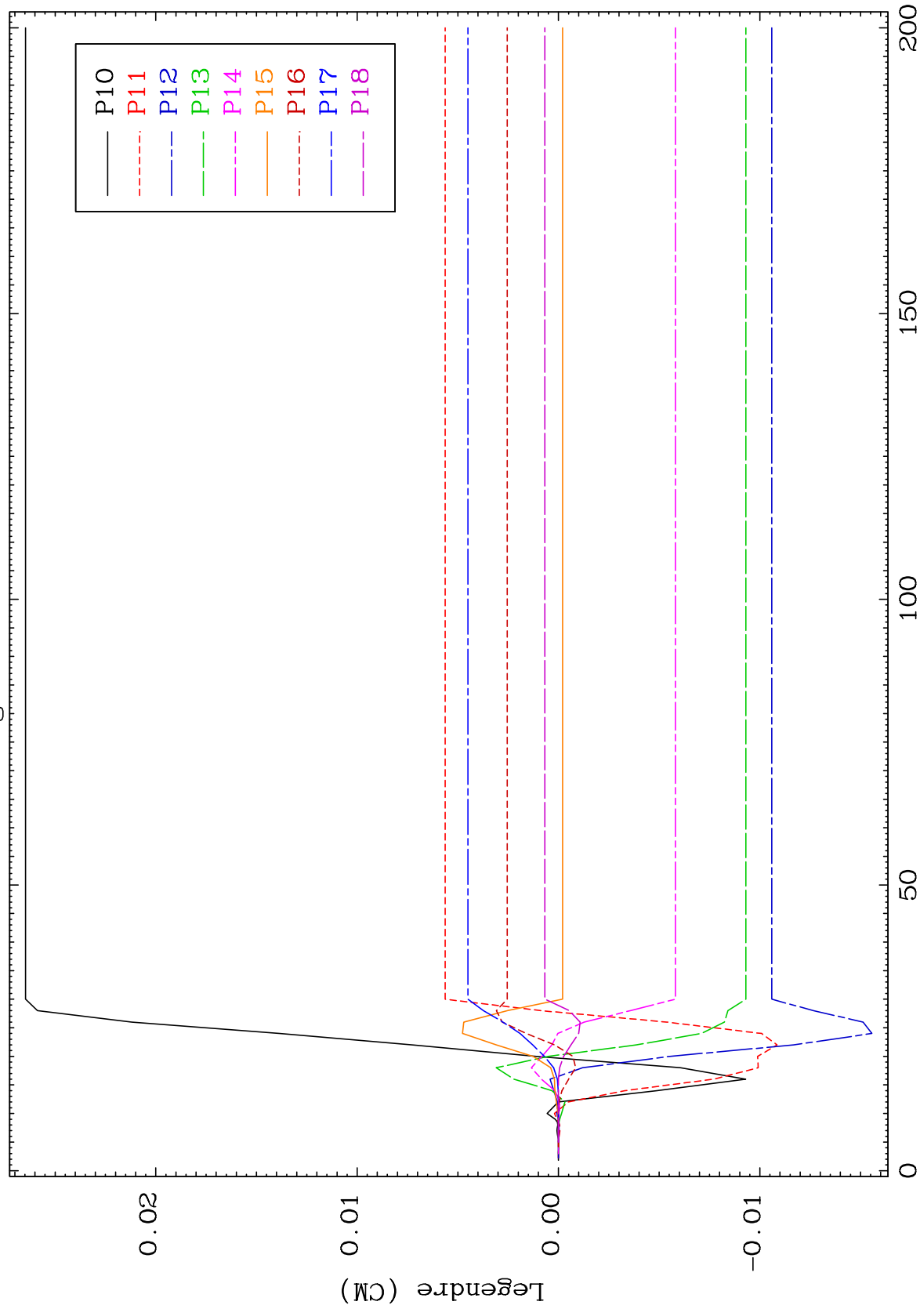




MAT 7513

MT= 55 (n, n') Level
Legendre Coefficients

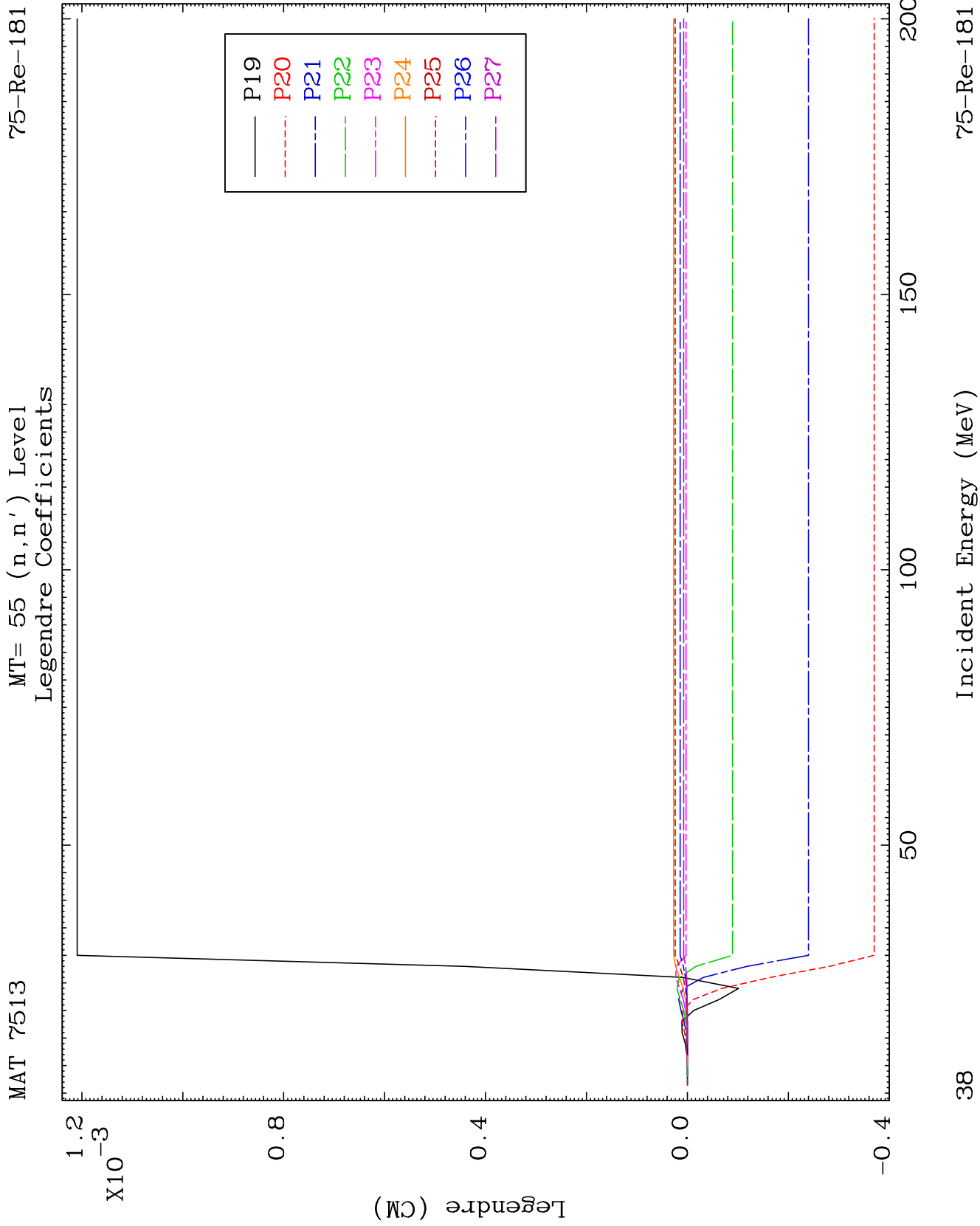
75-Re-181

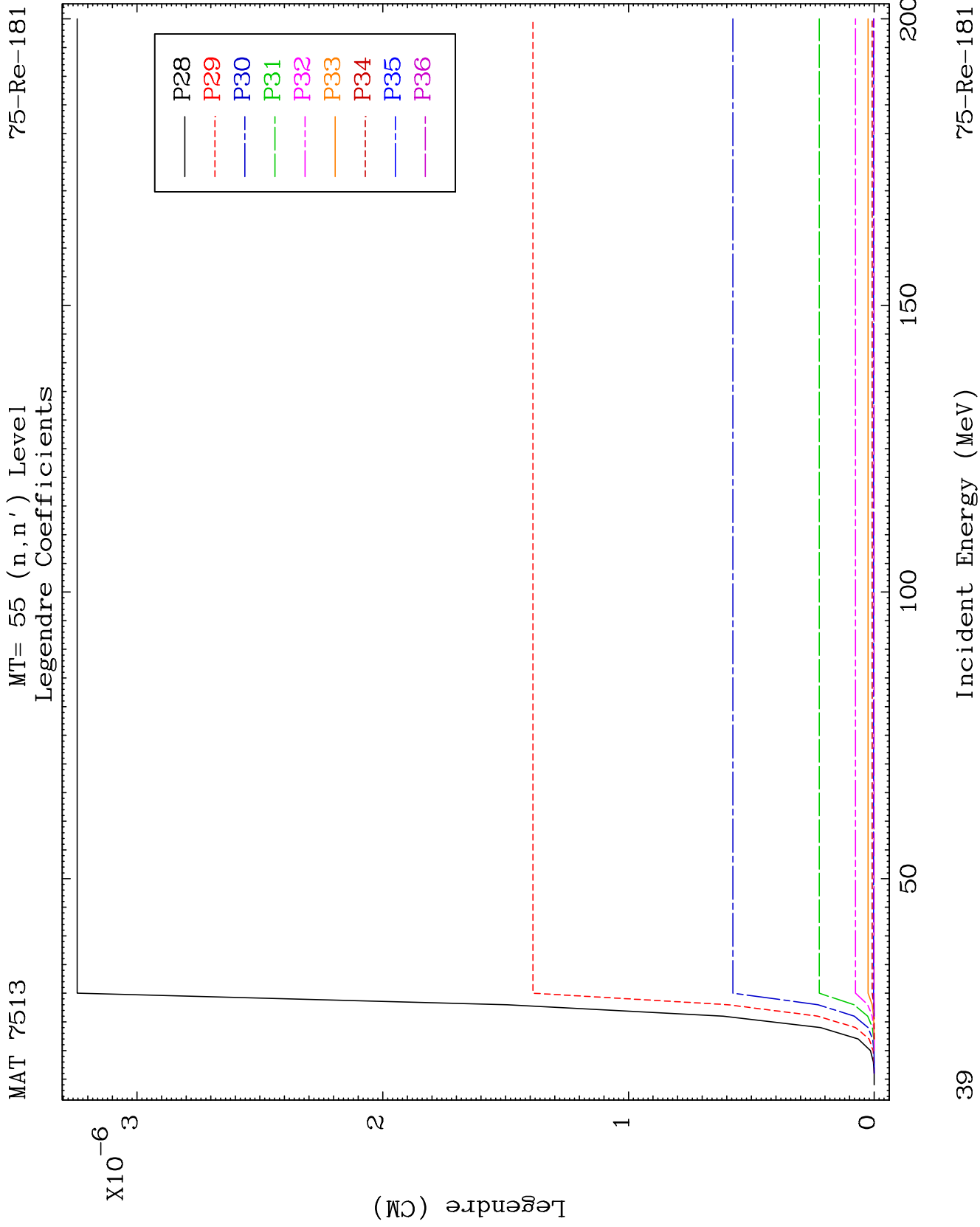


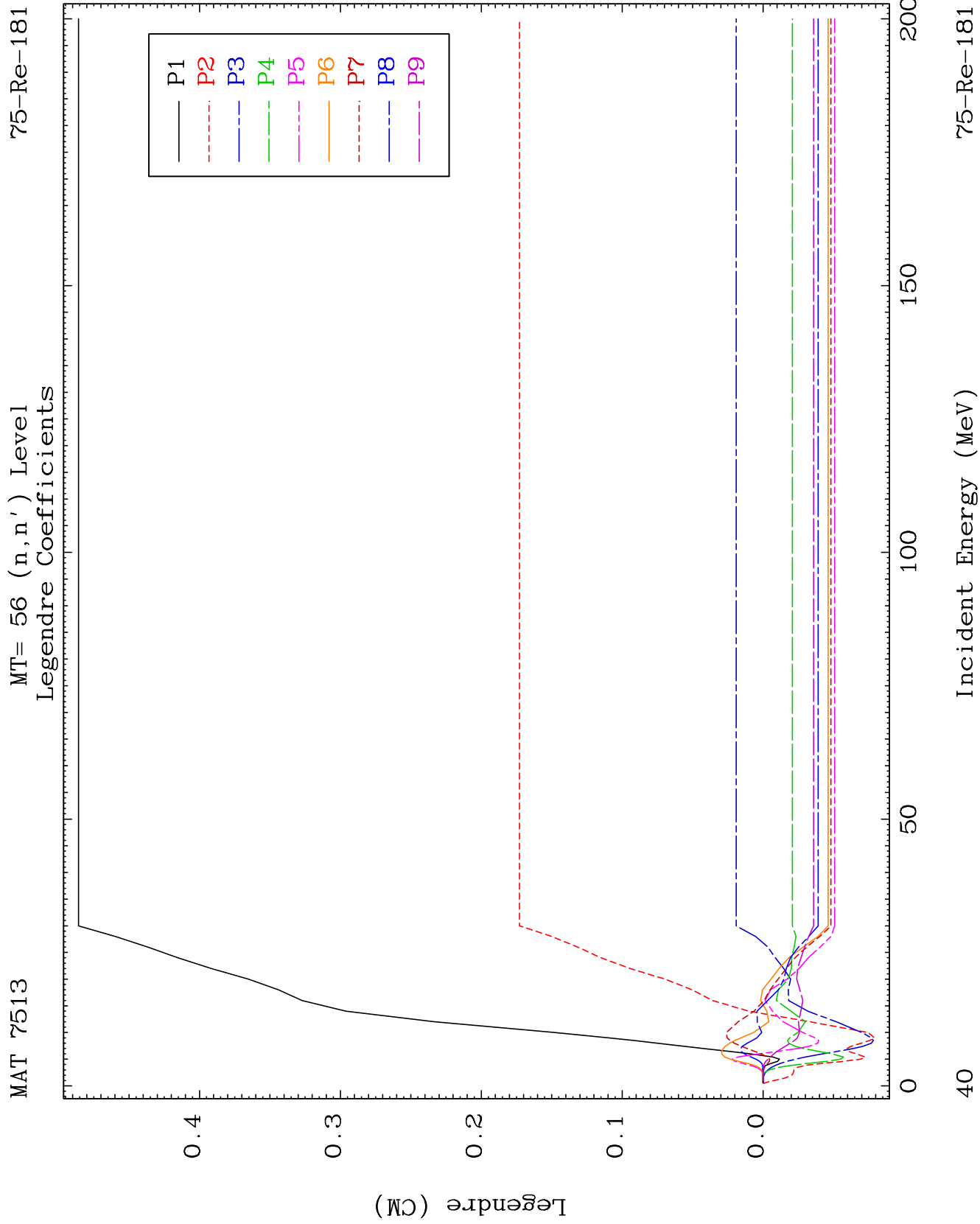
32

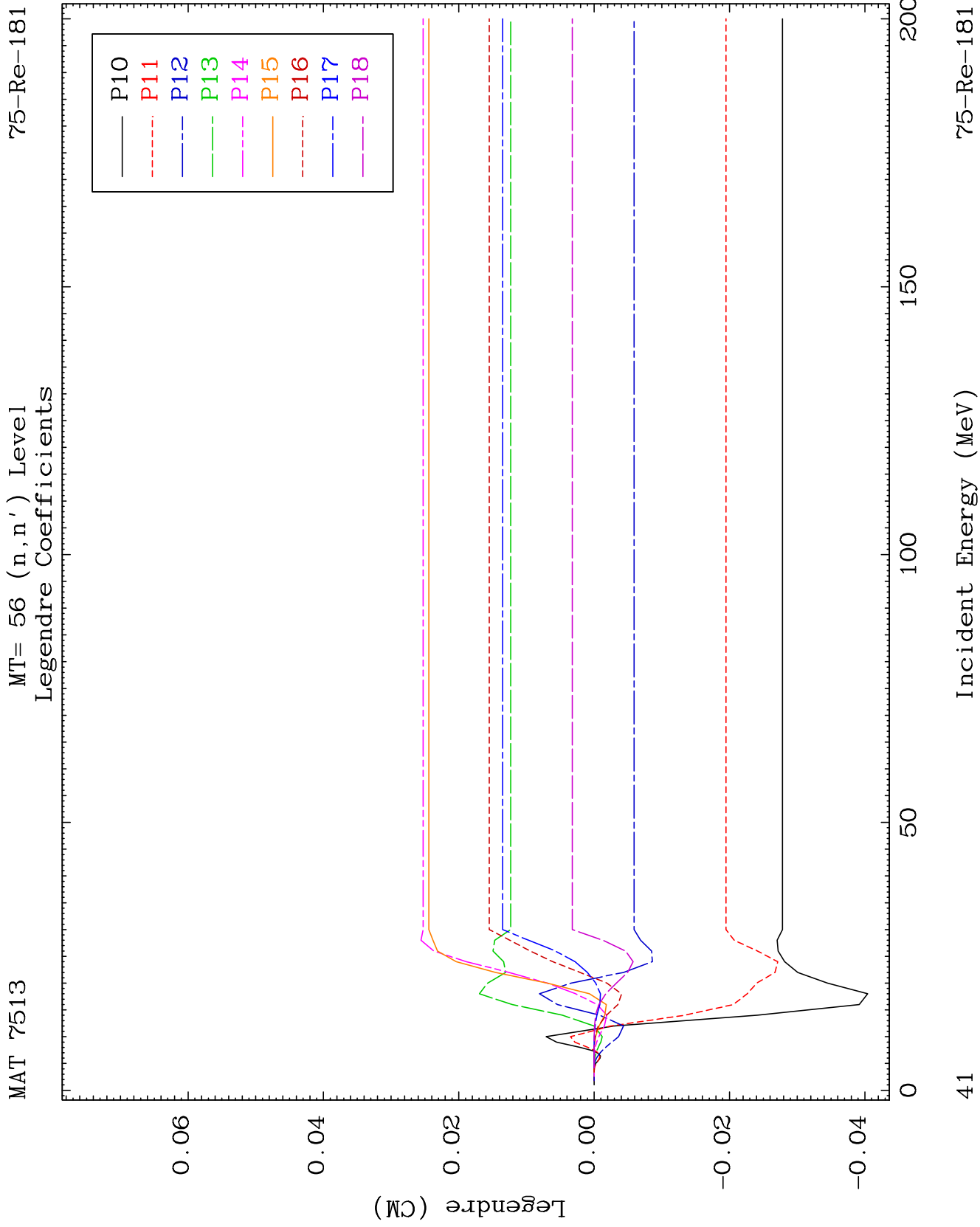
Incident Energy (MeV)

75-Re-181





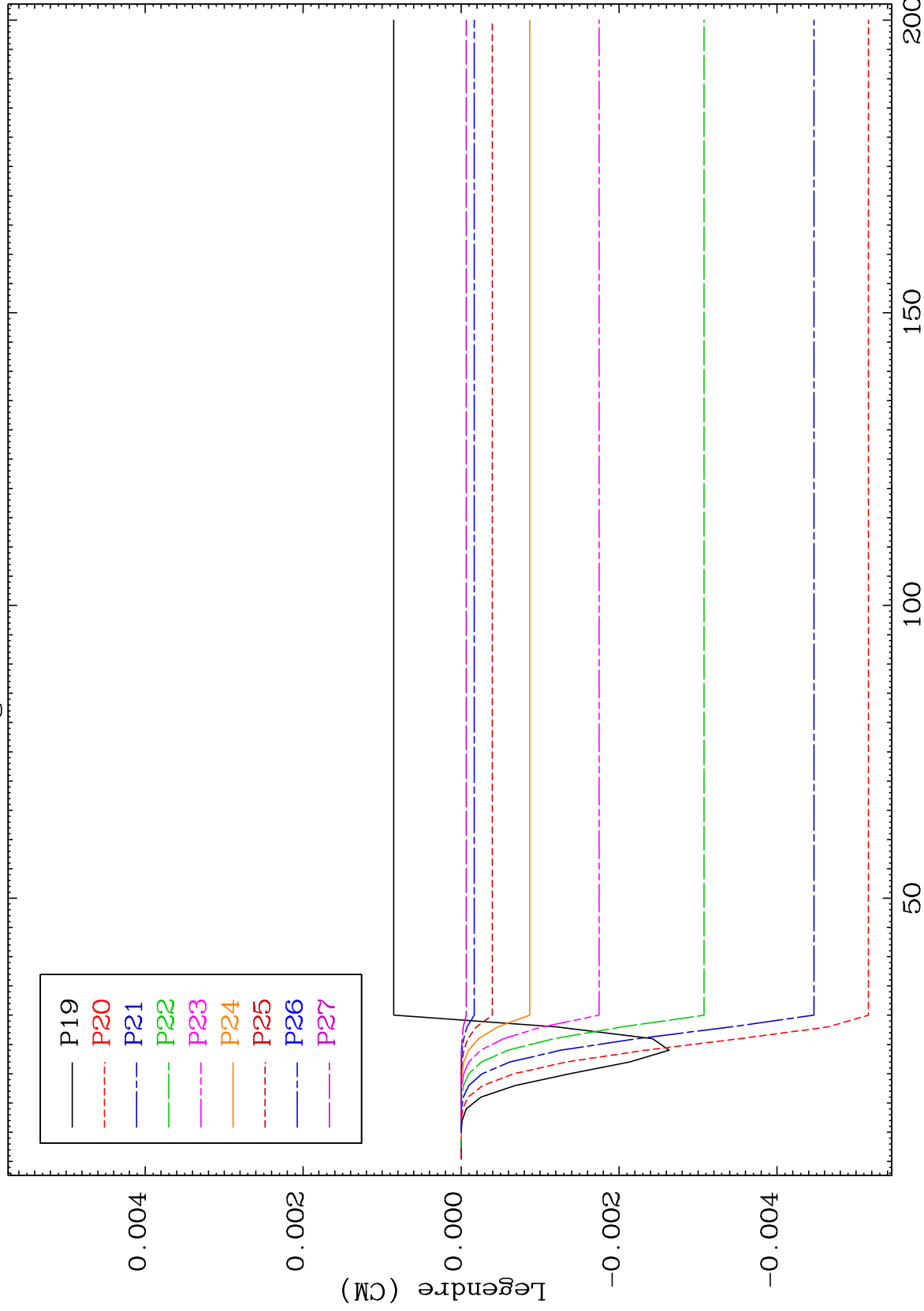




MAT 7513

MT= 56 (n,n') Level
Legendre Coefficients

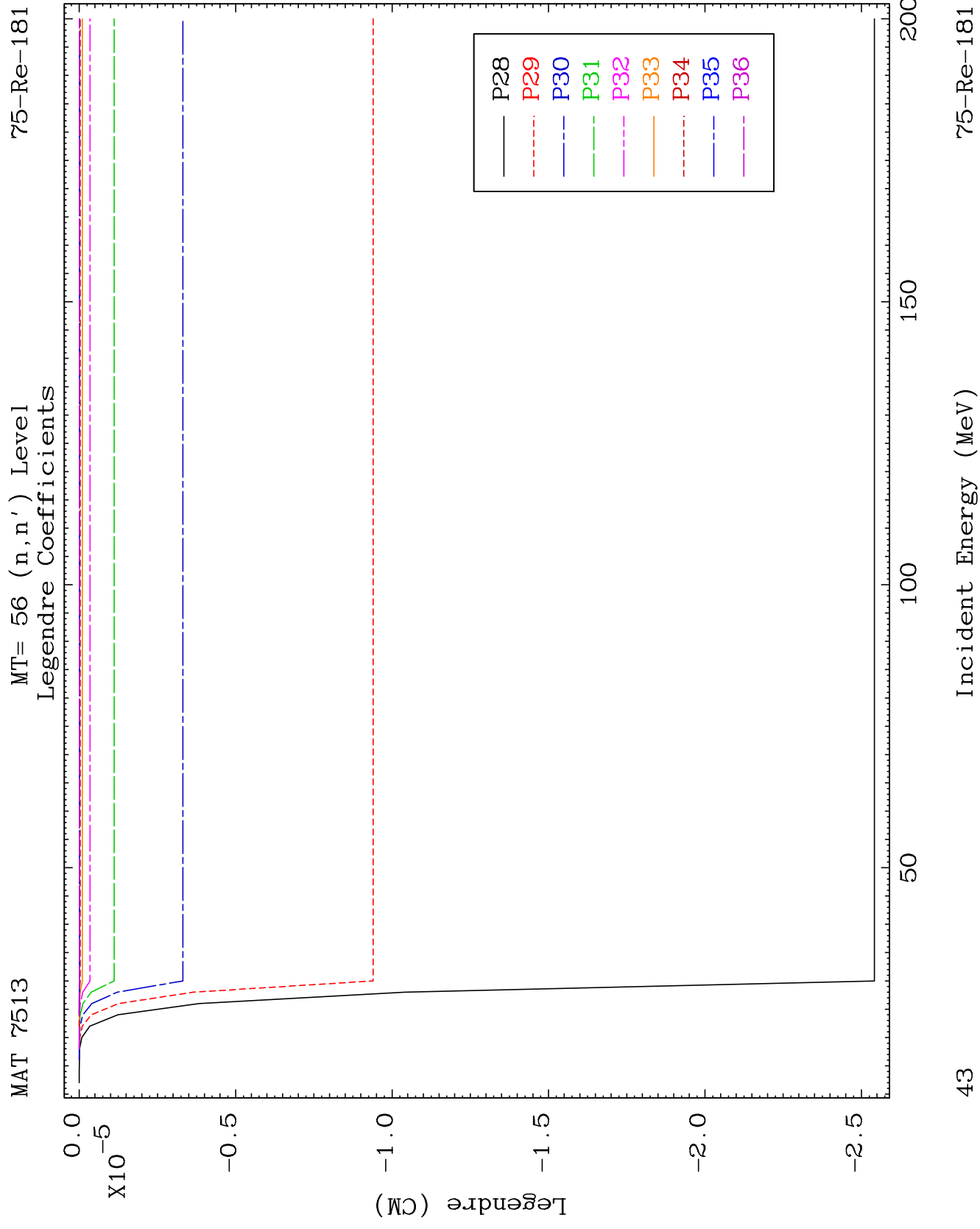
75-Re-181

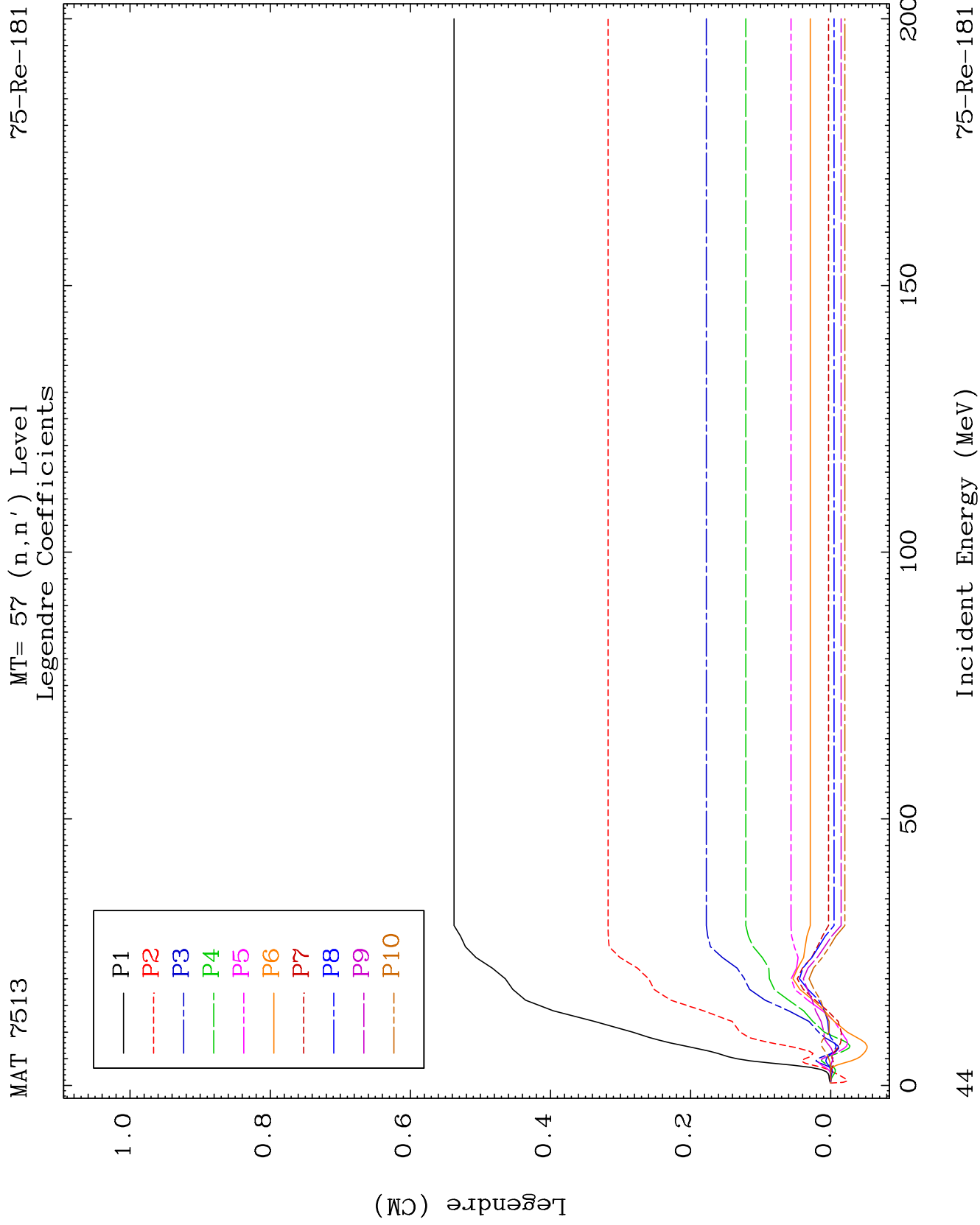


42

Incident Energy (MeV)

75-Re-181

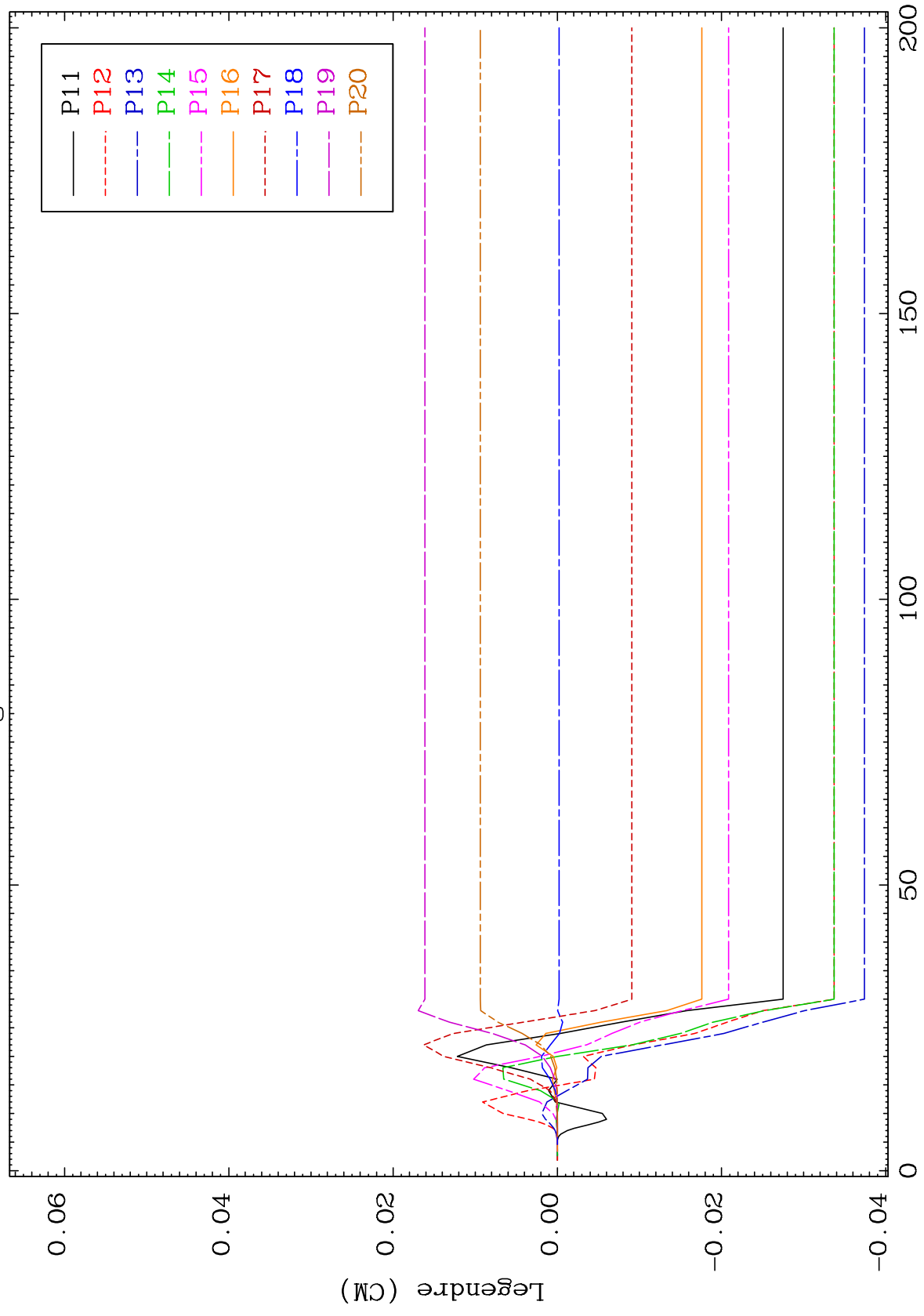




MAT 7513

MT= 57 (n, n') Level
Legendre Coefficients

75-Re-181



45

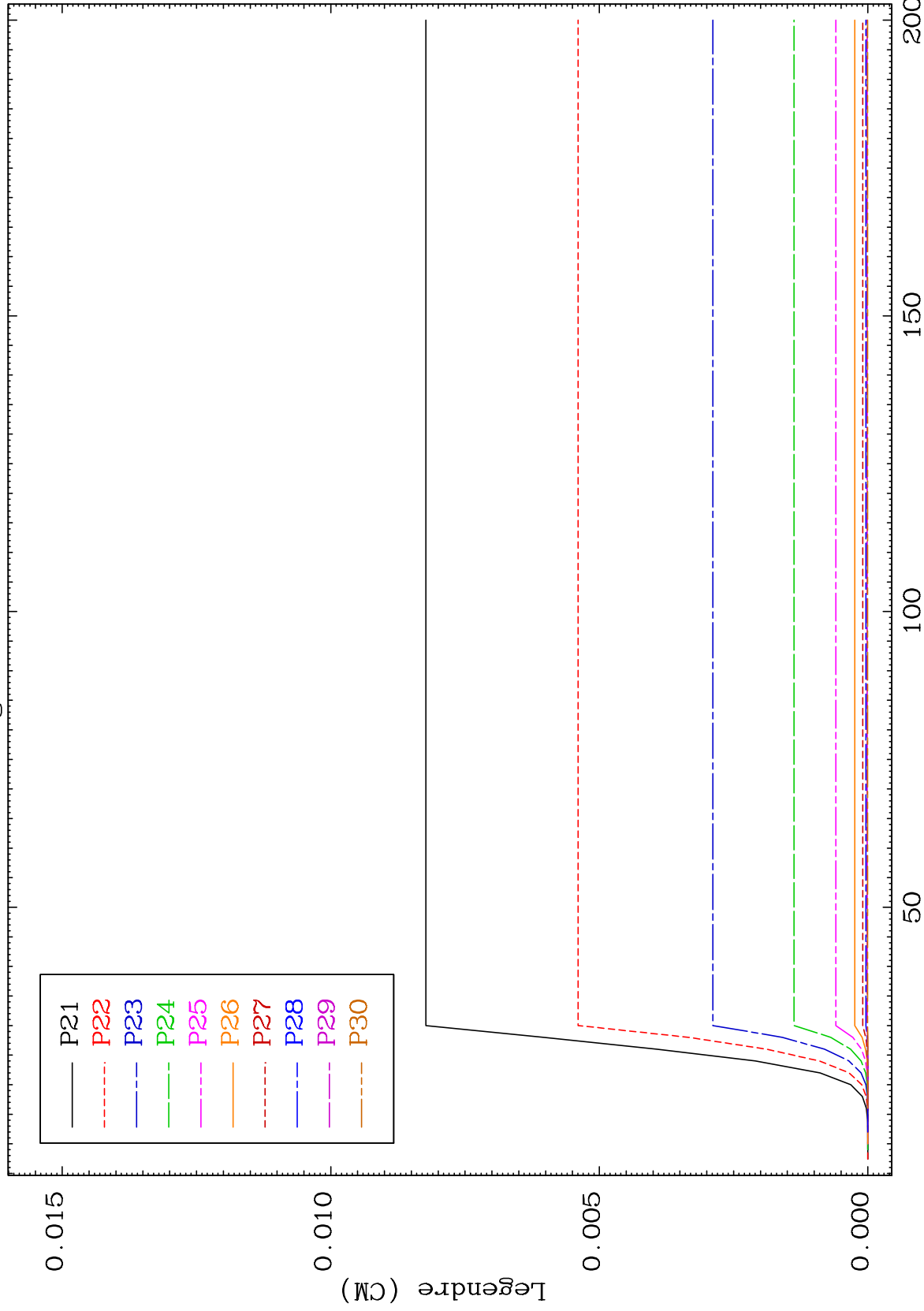
Incident Energy (MeV)

75-Re-181

MAT 7513

MT= 57 (n,n') Level
Legendre Coefficients

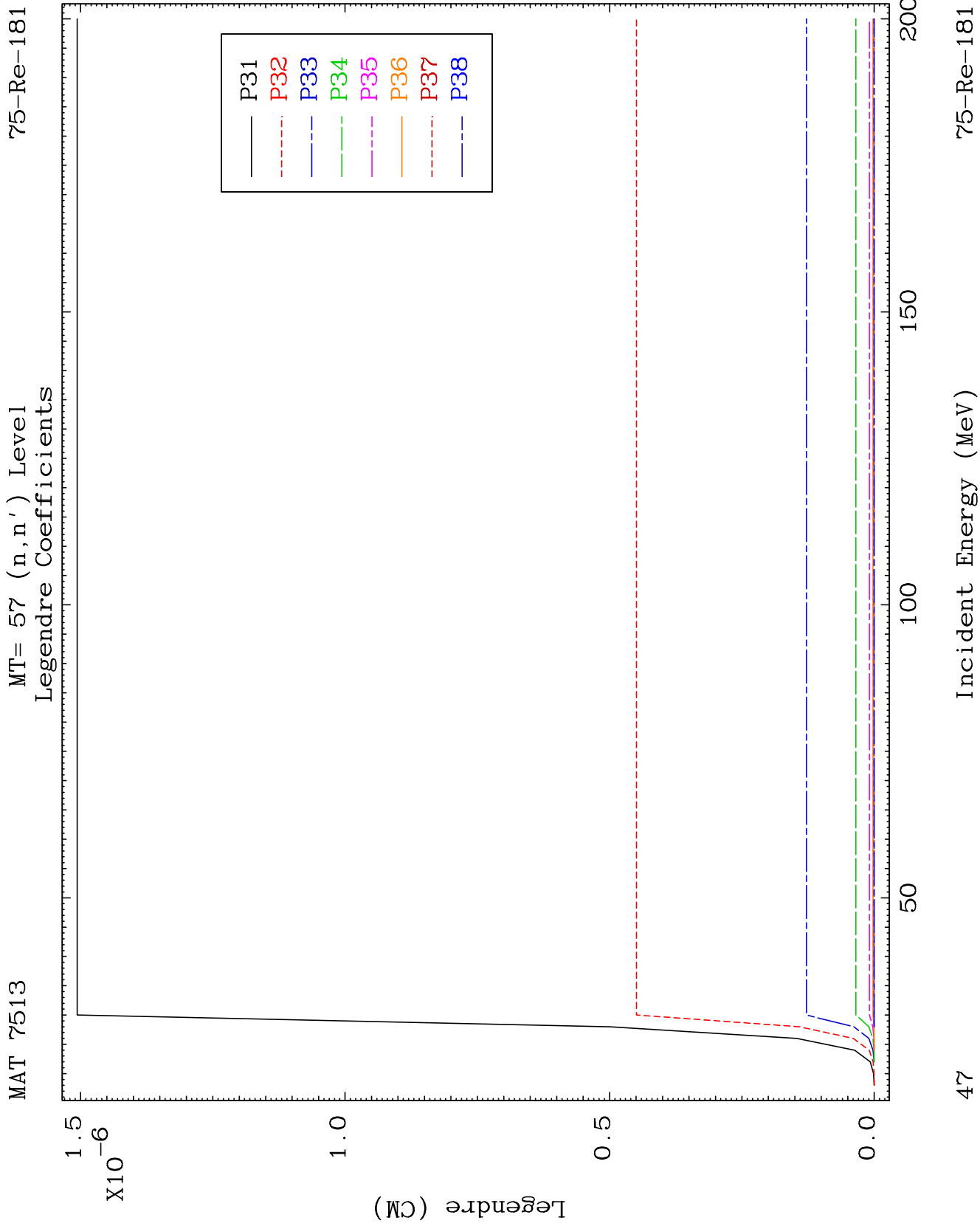
75-Re-181

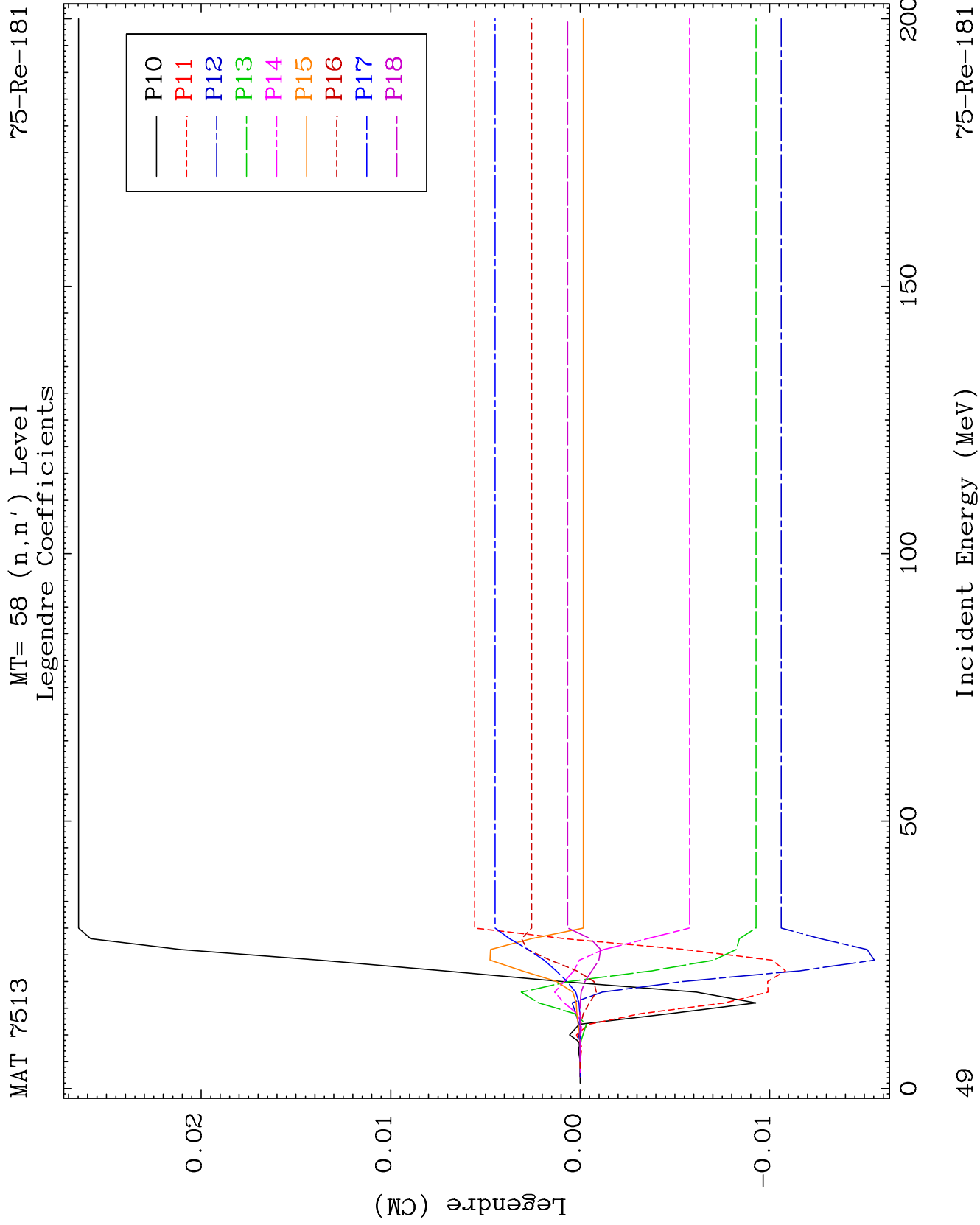


46

Incident Energy (MeV)

75-Re-181

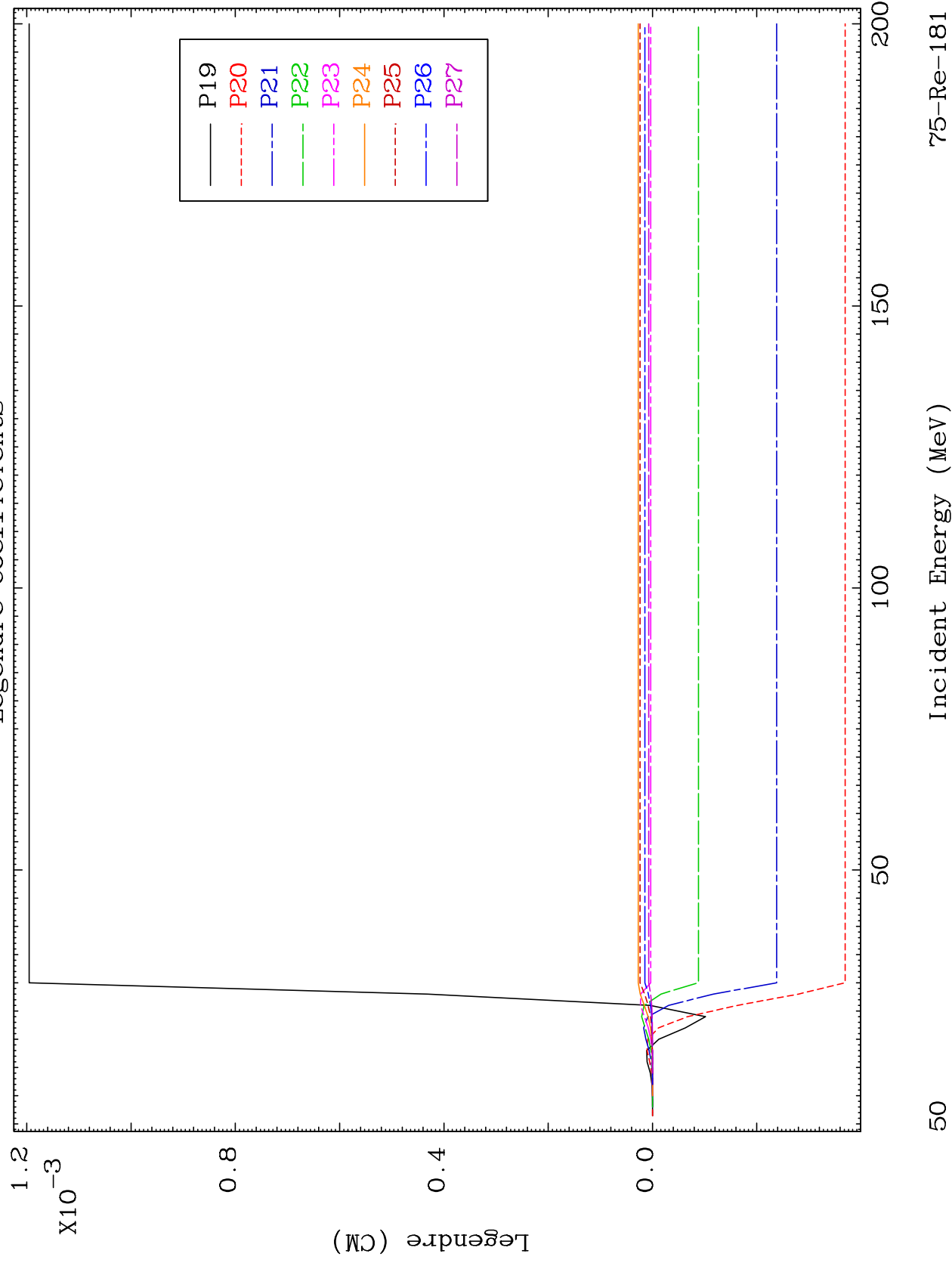


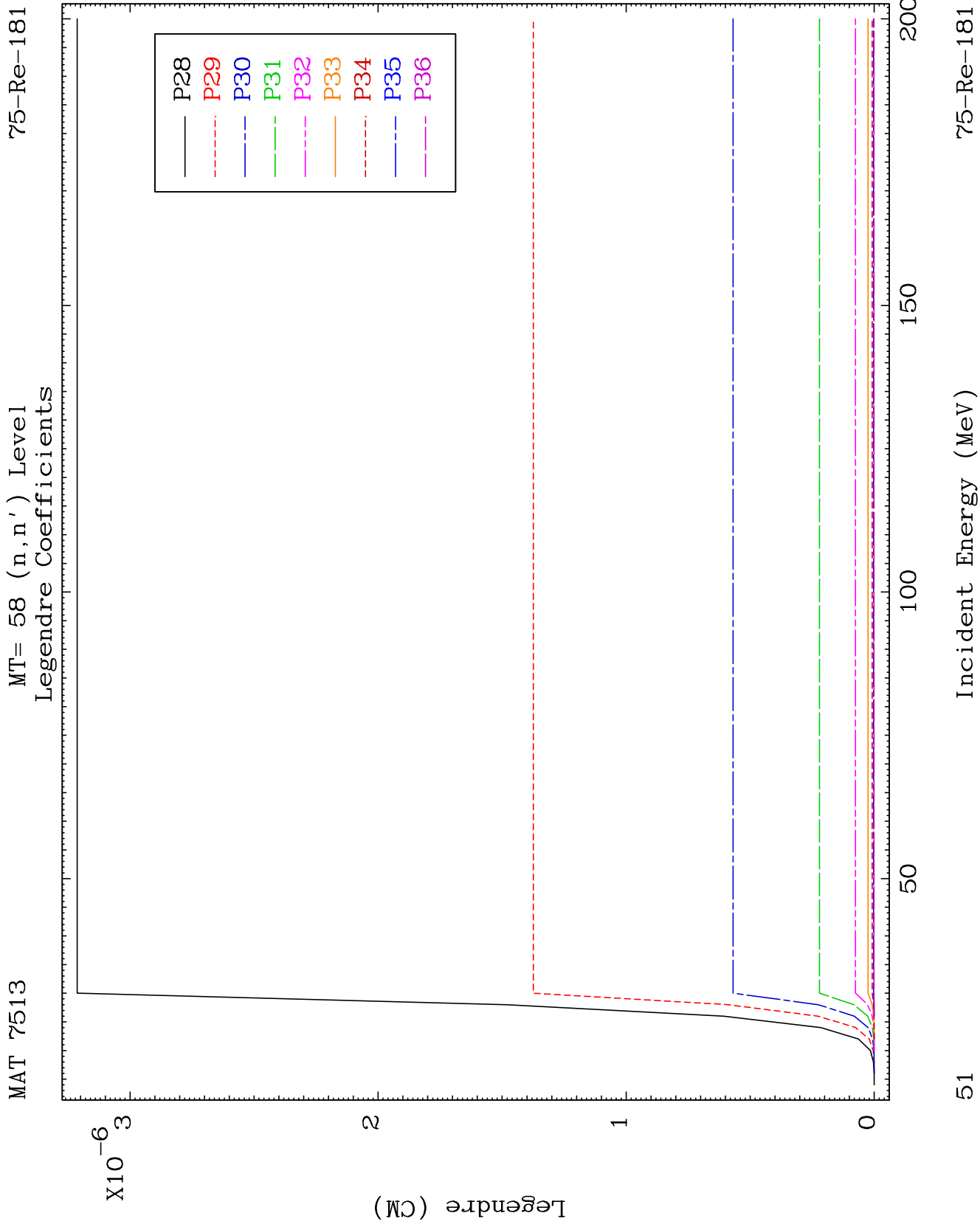


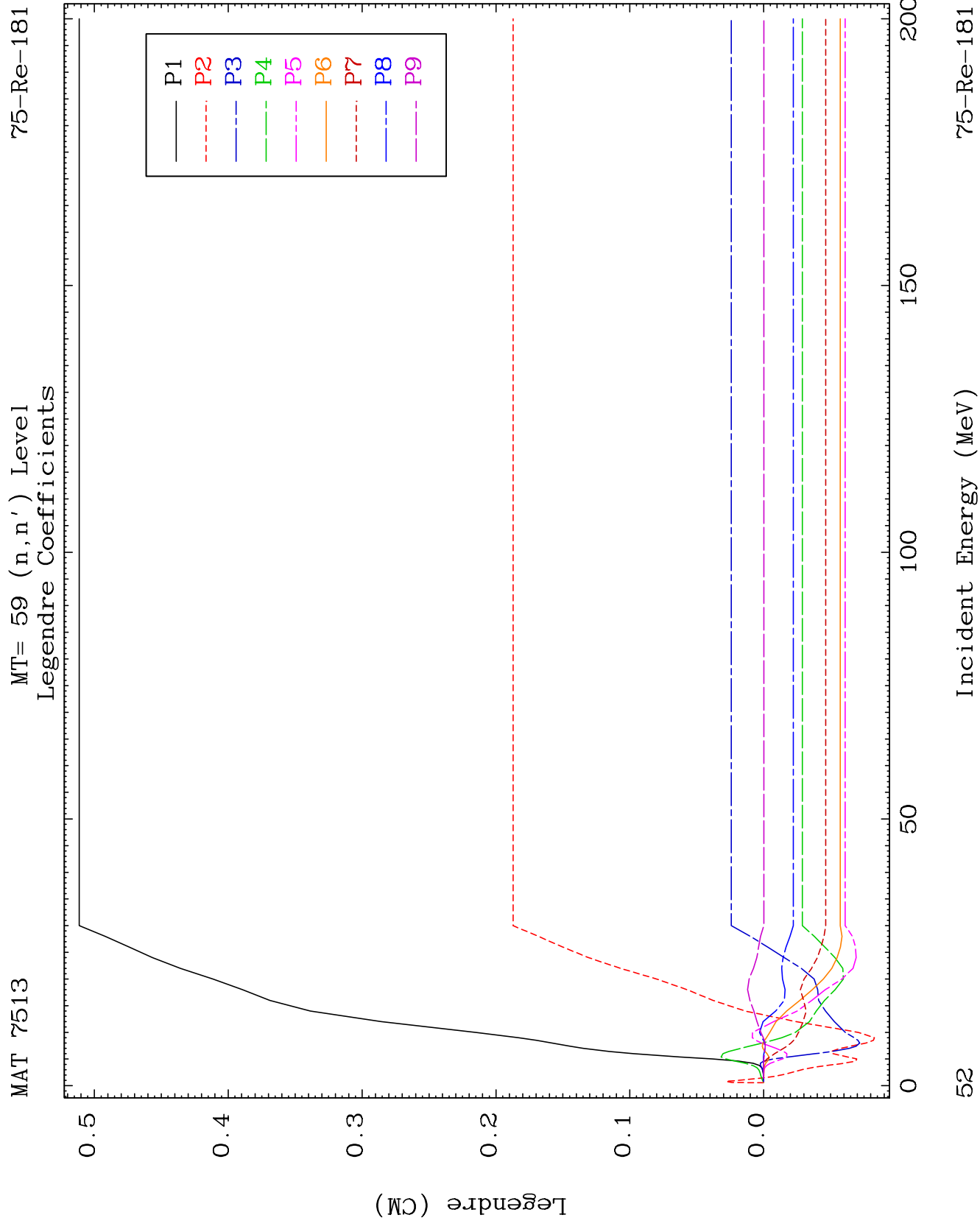
MAT 7513

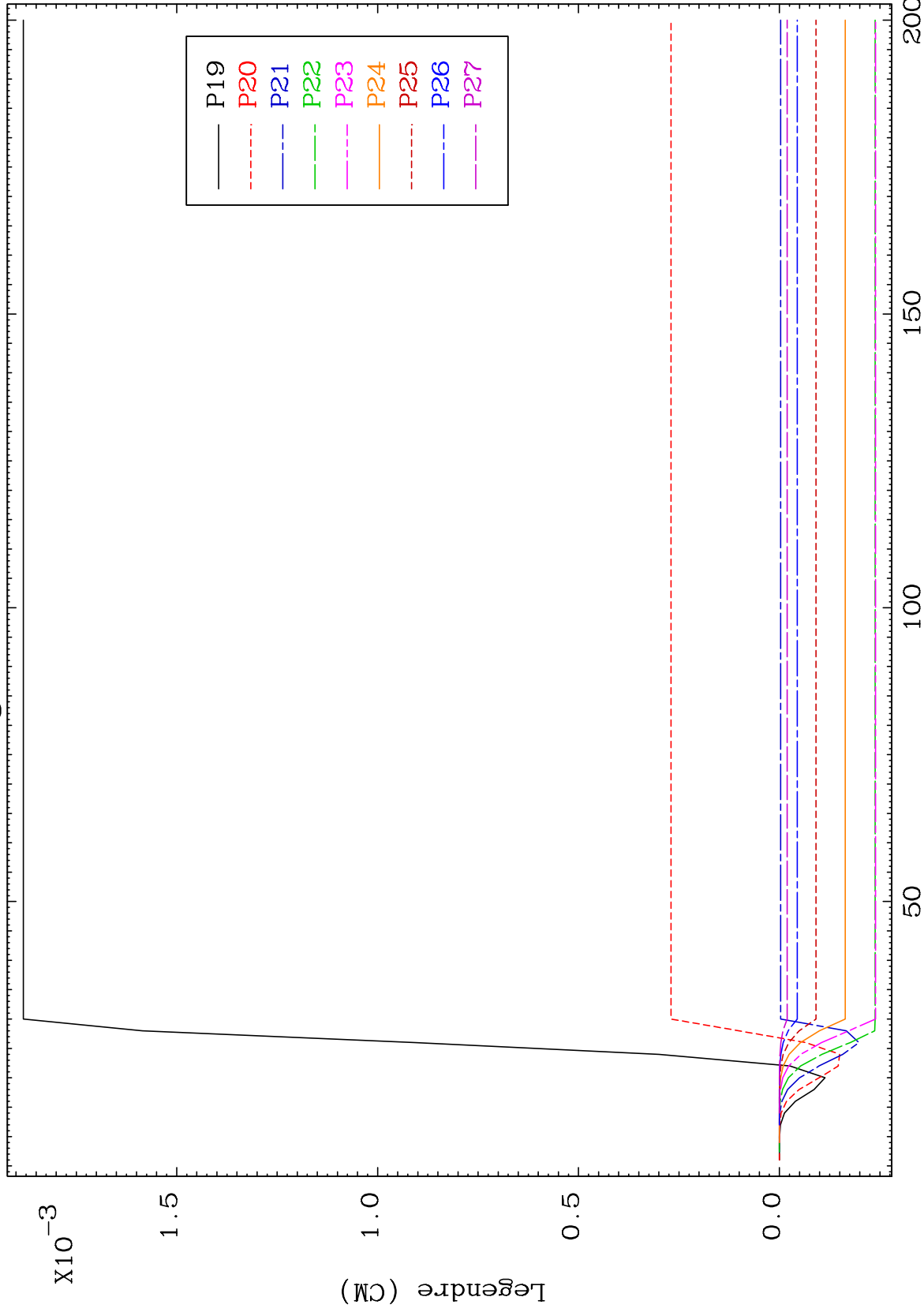
MT= 58 (n, n') Level
Legendre Coefficients

75-Re-181





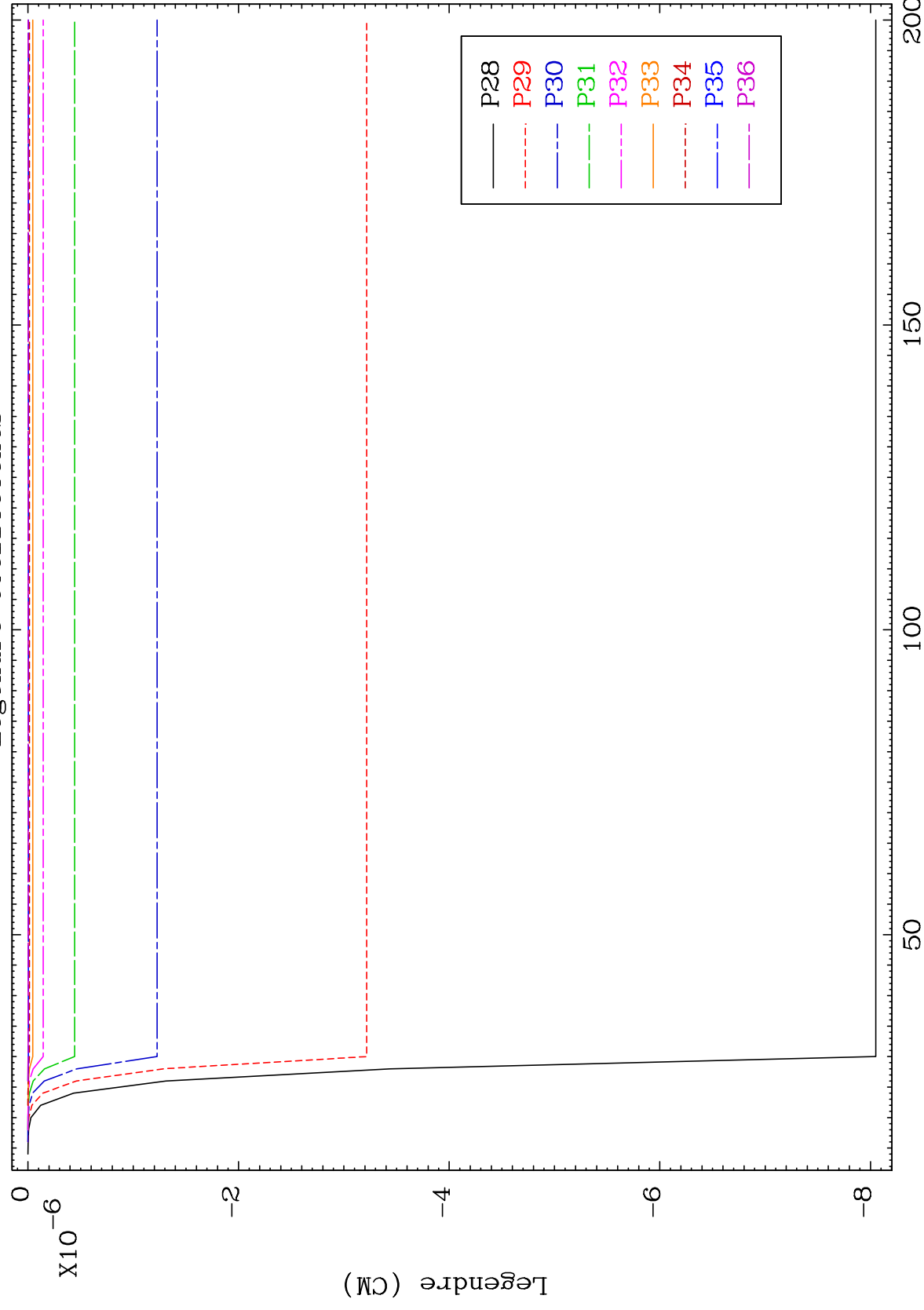




MAT 7513

MT= 59 (n, n') Level
Legendre Coefficients

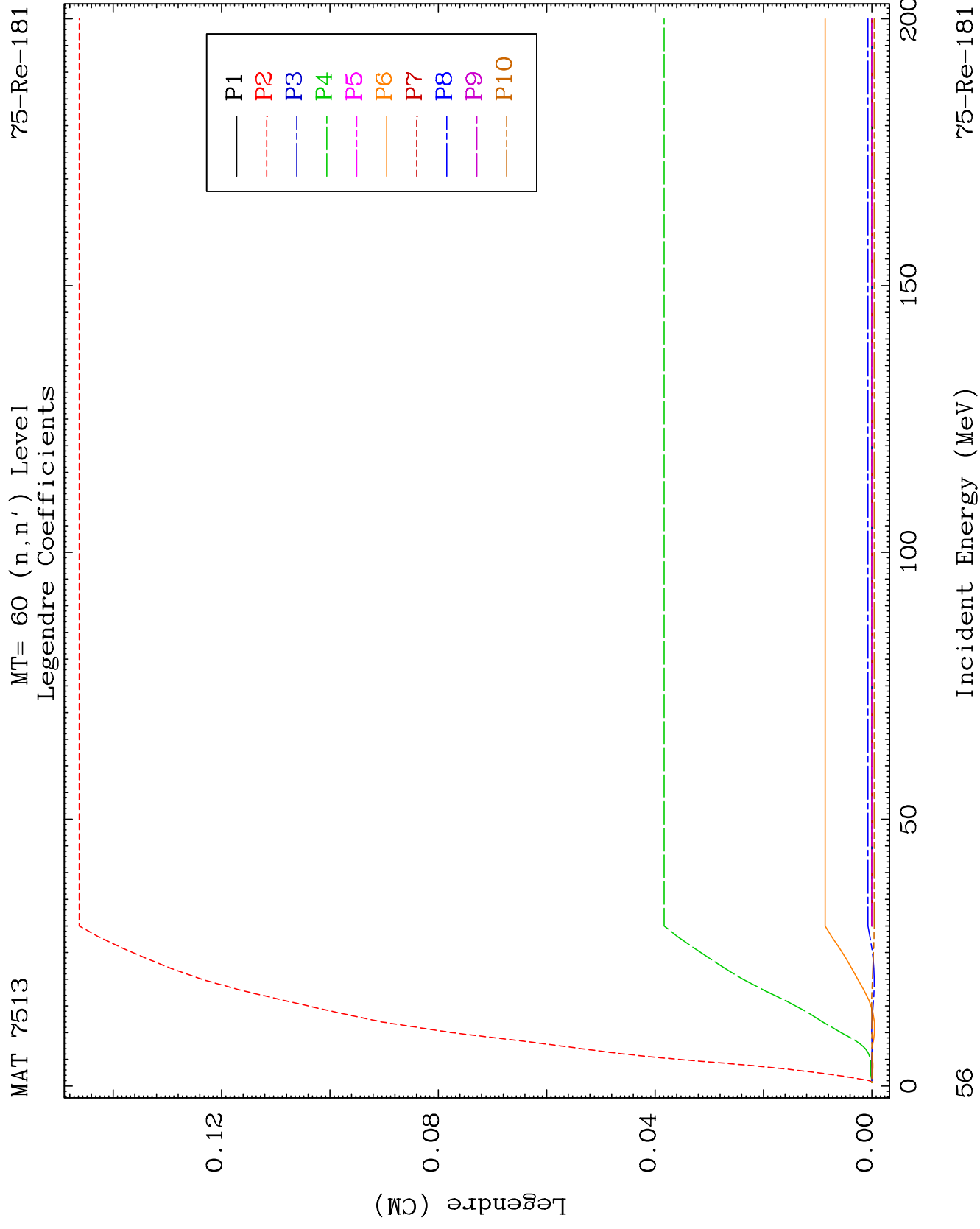
75-Re-181

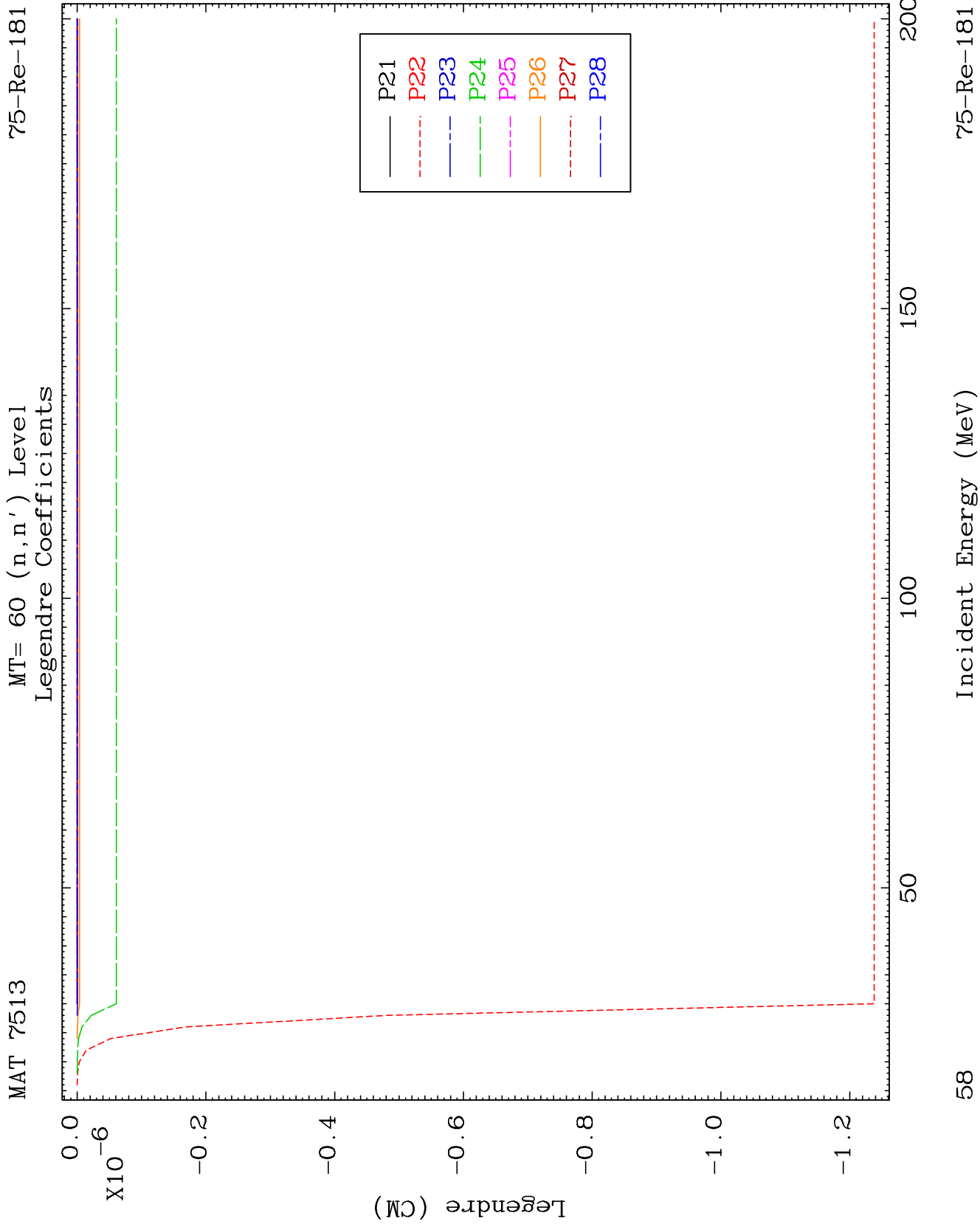


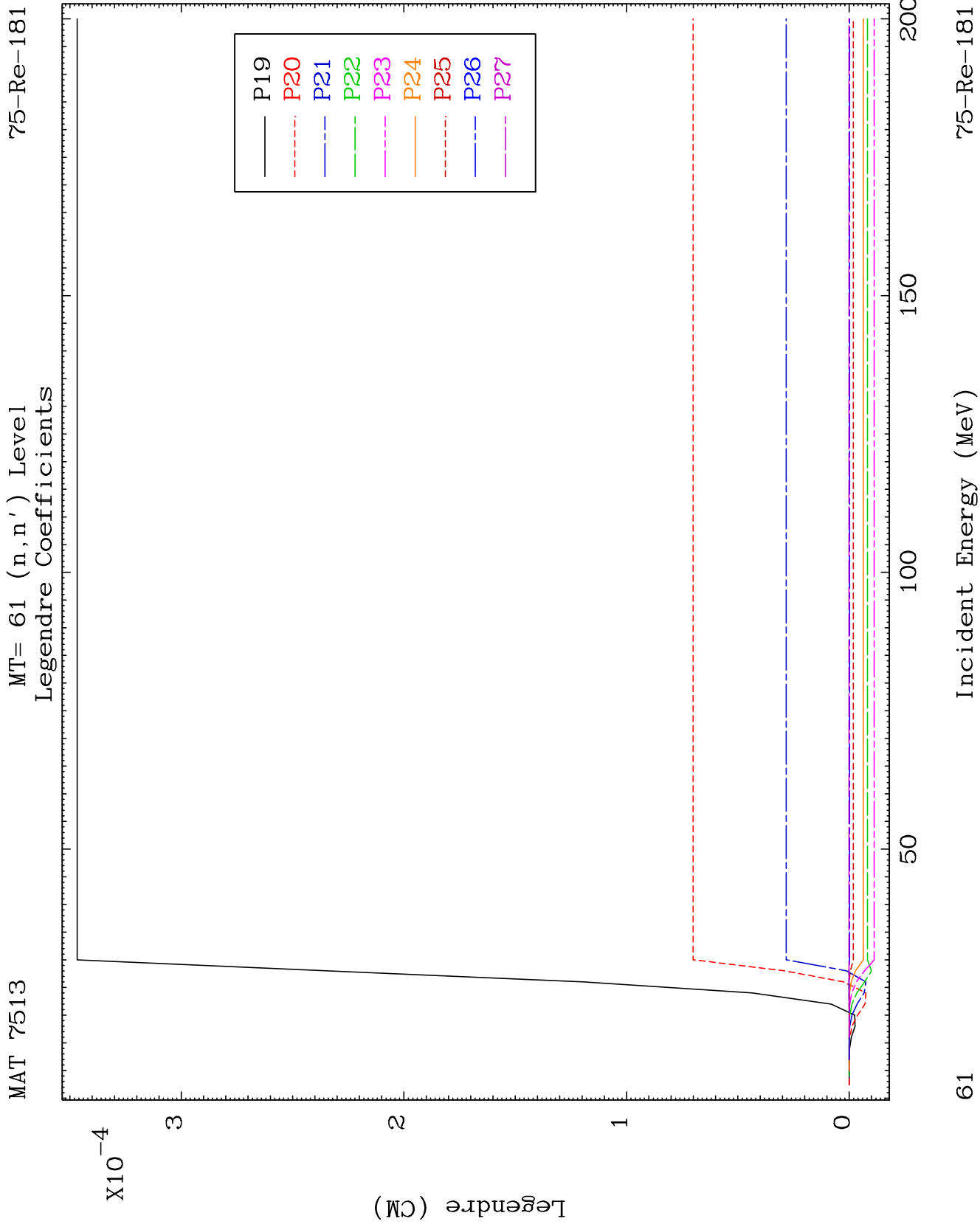
55

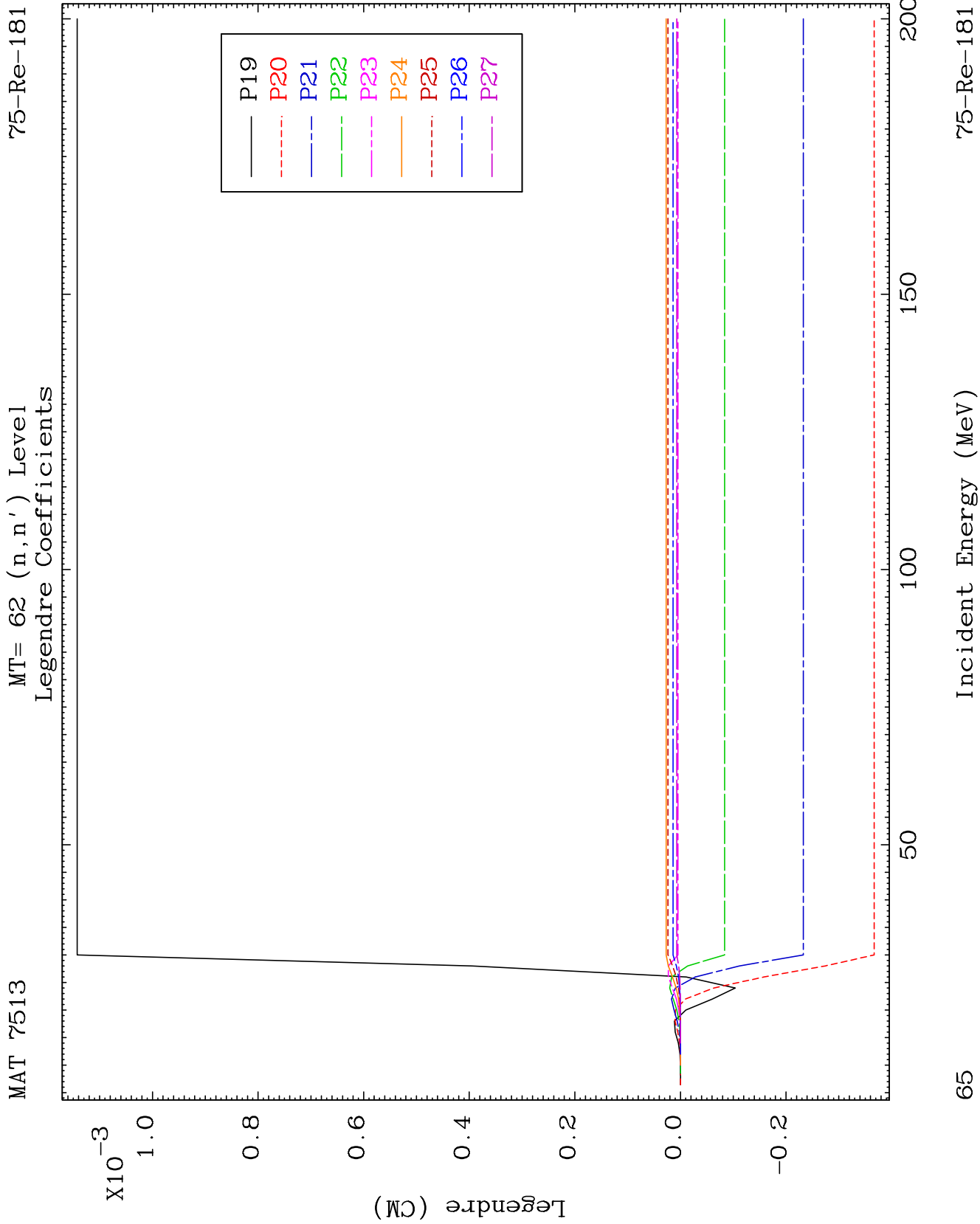
Incident Energy (MeV)

75-Re-181





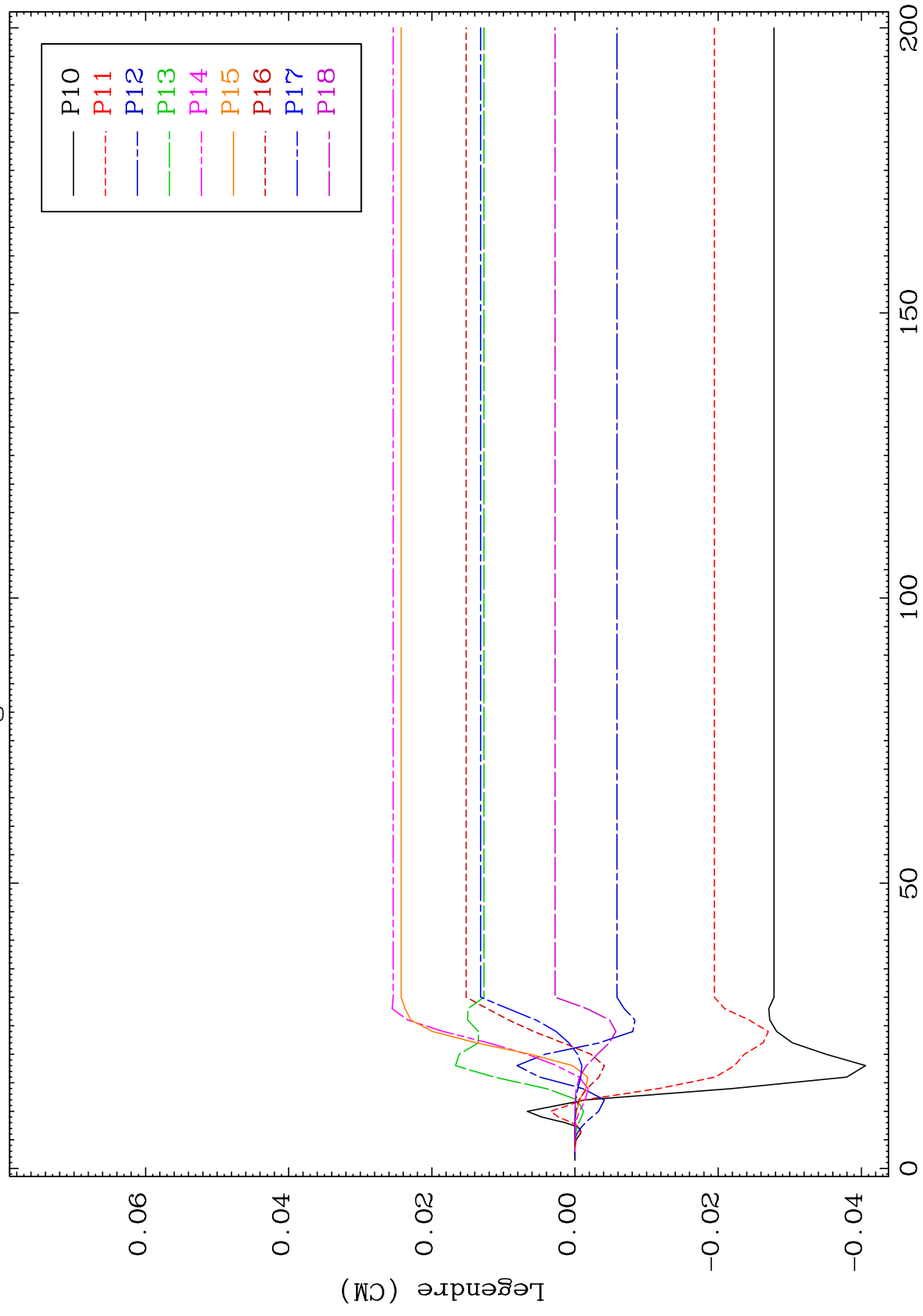




MAT 7513

MT= 63 (n, n') Level
Legendre Coefficients

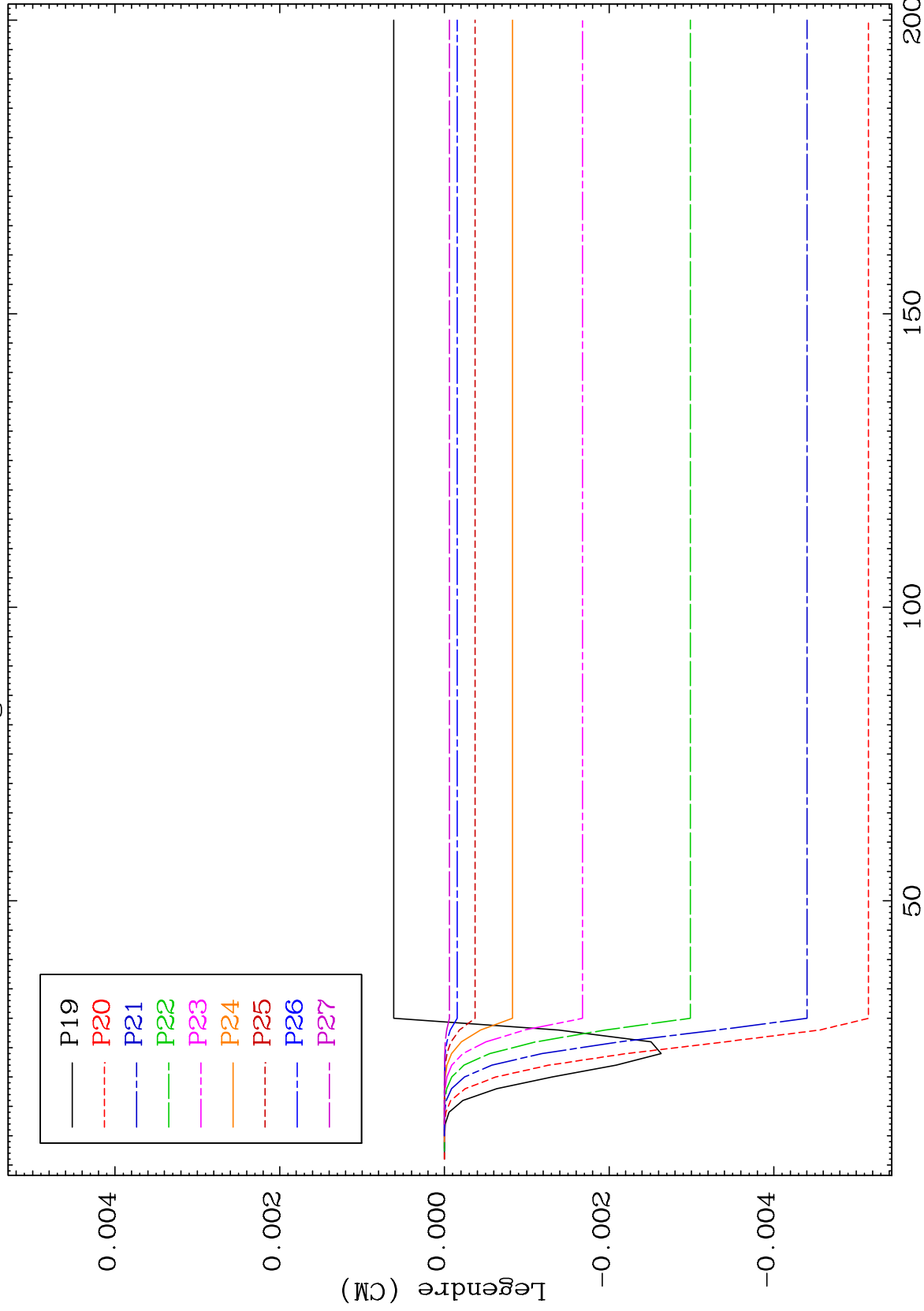
75-Re-181

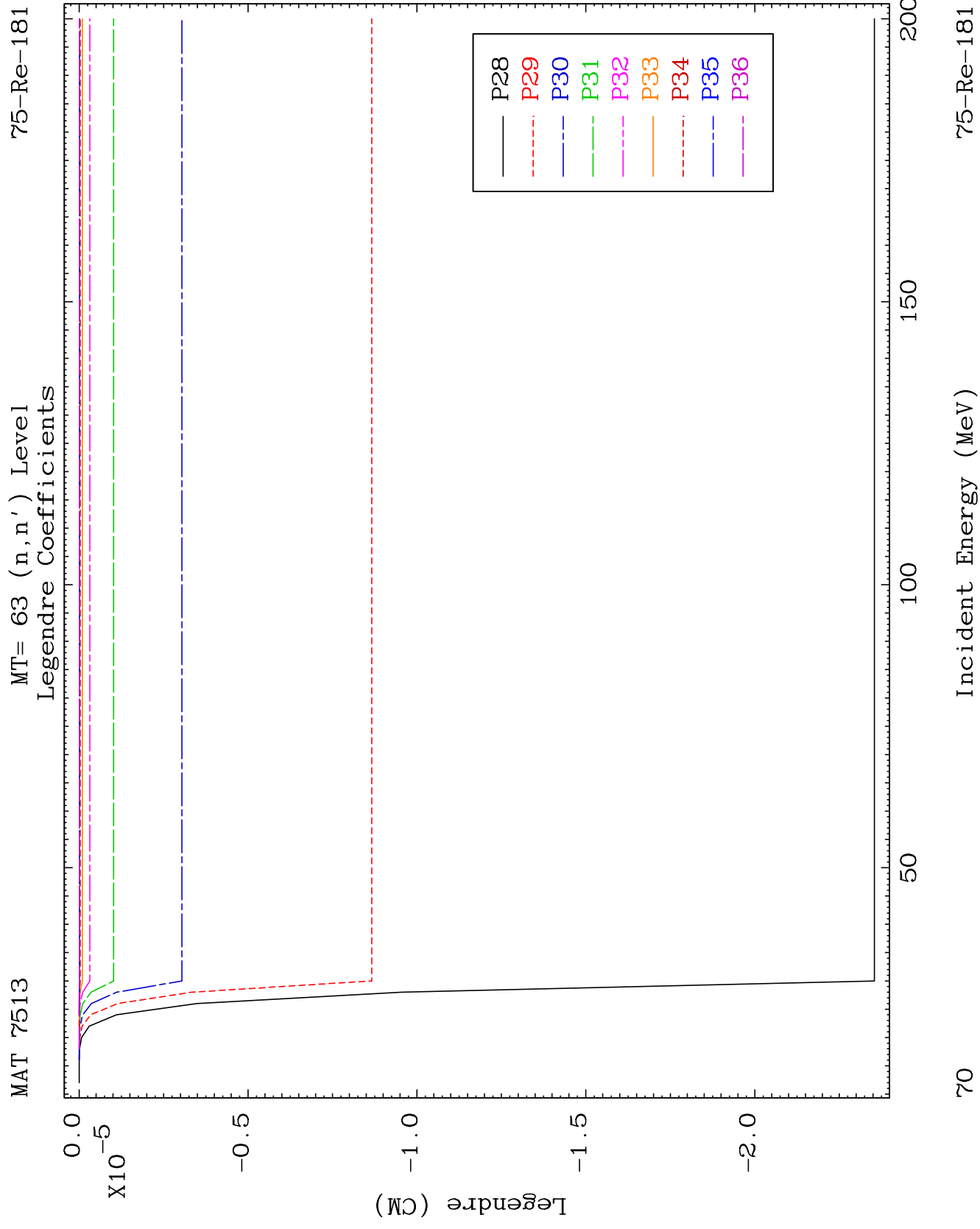


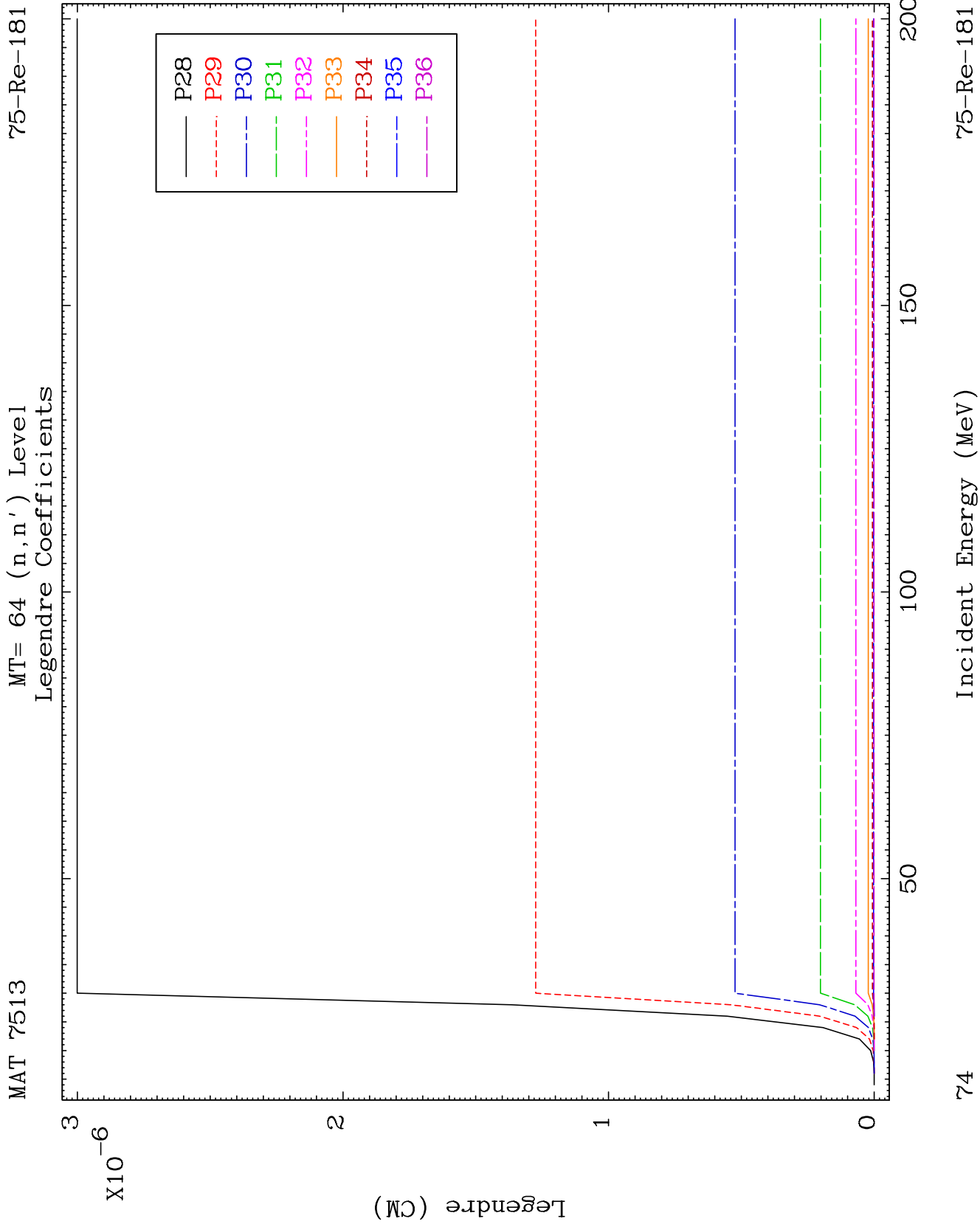
86

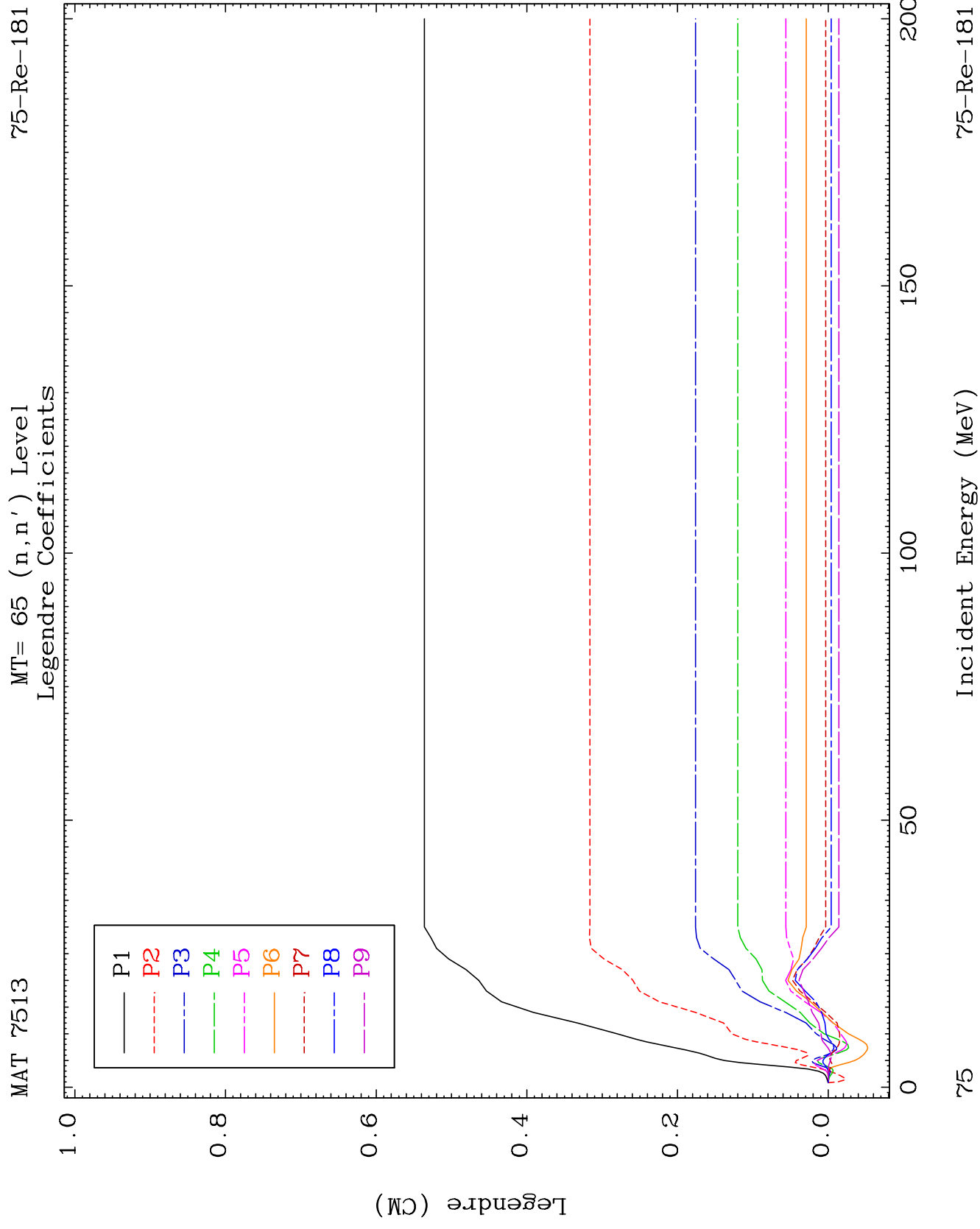
Incident Energy (MeV)

75-Re-181





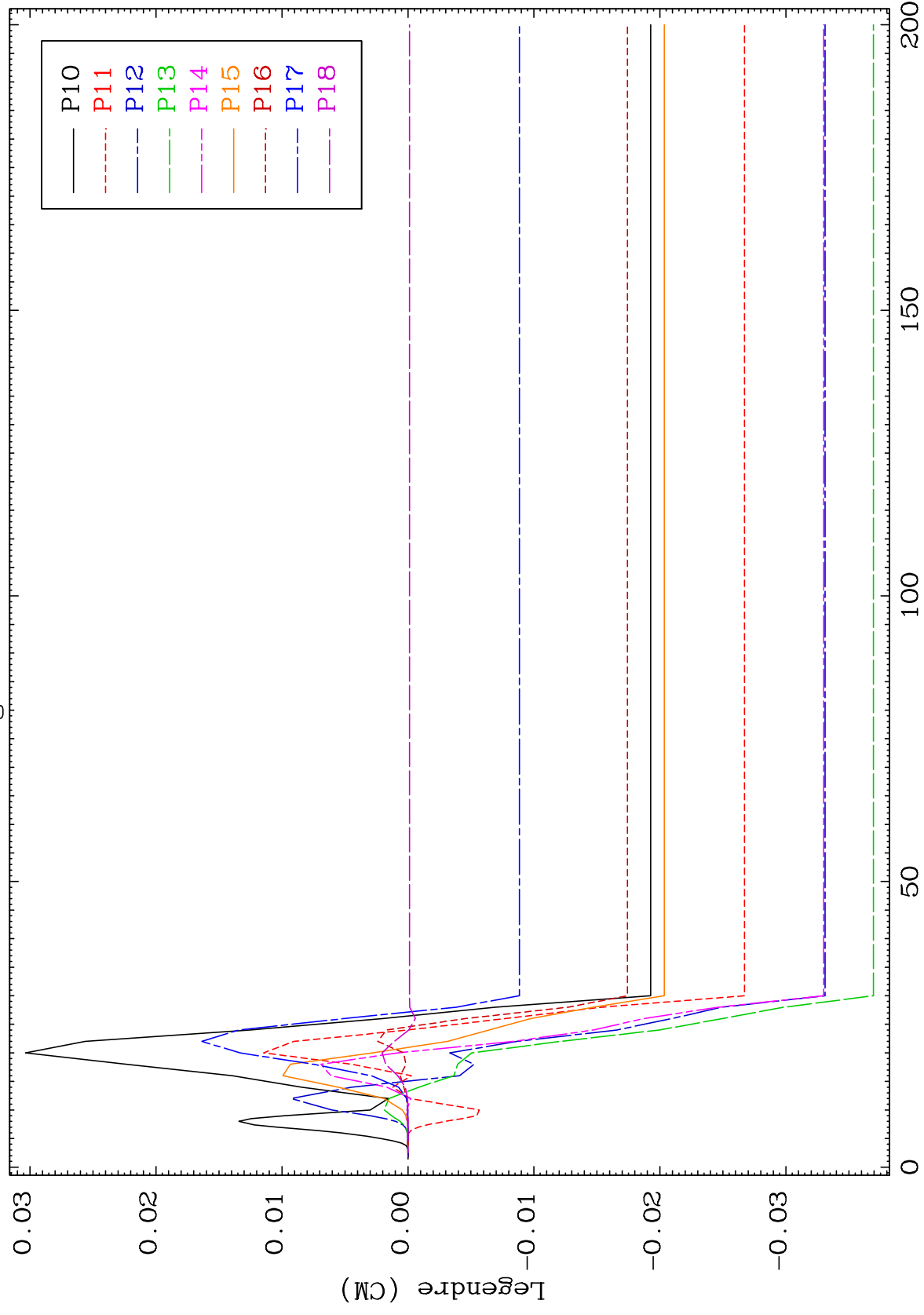


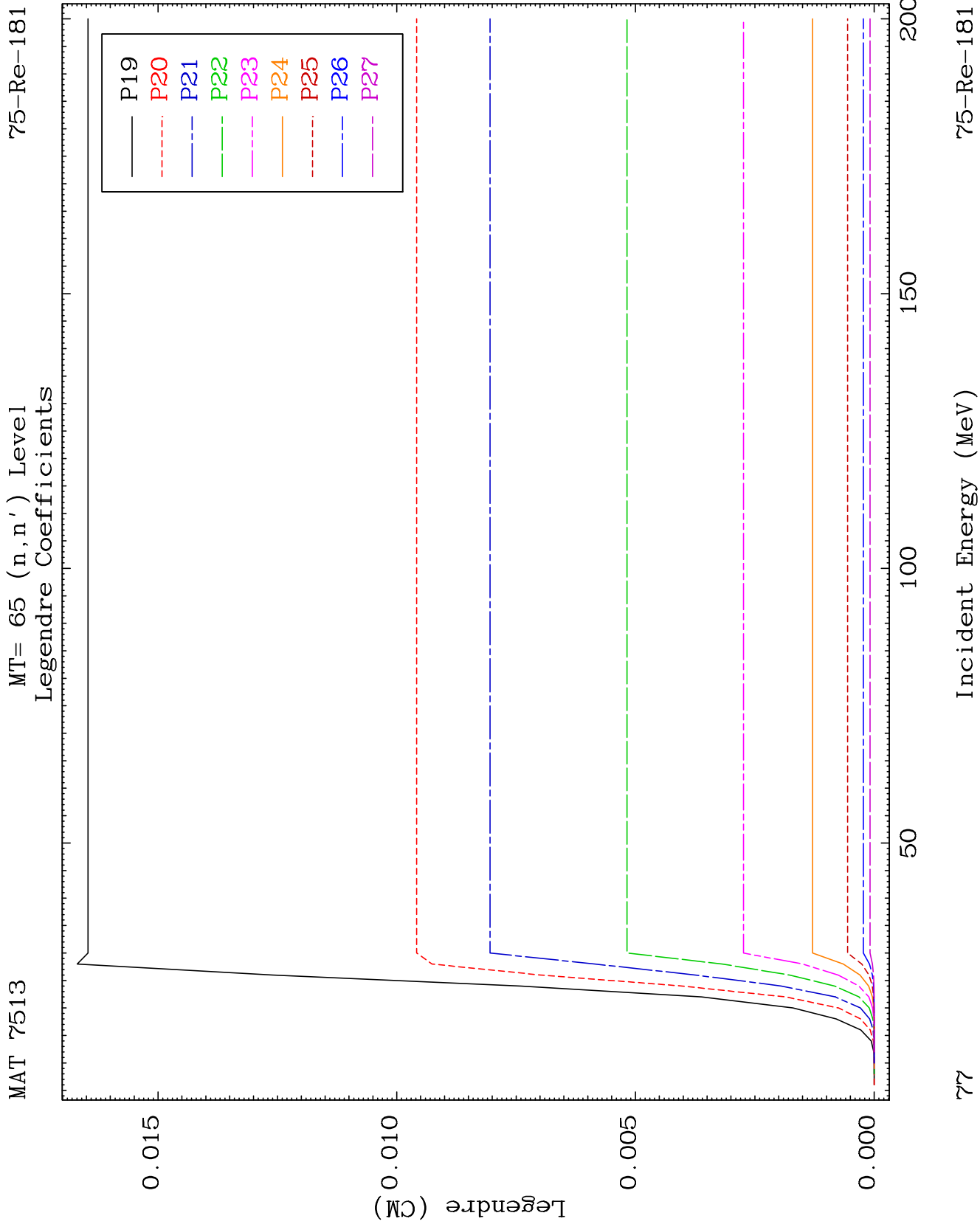


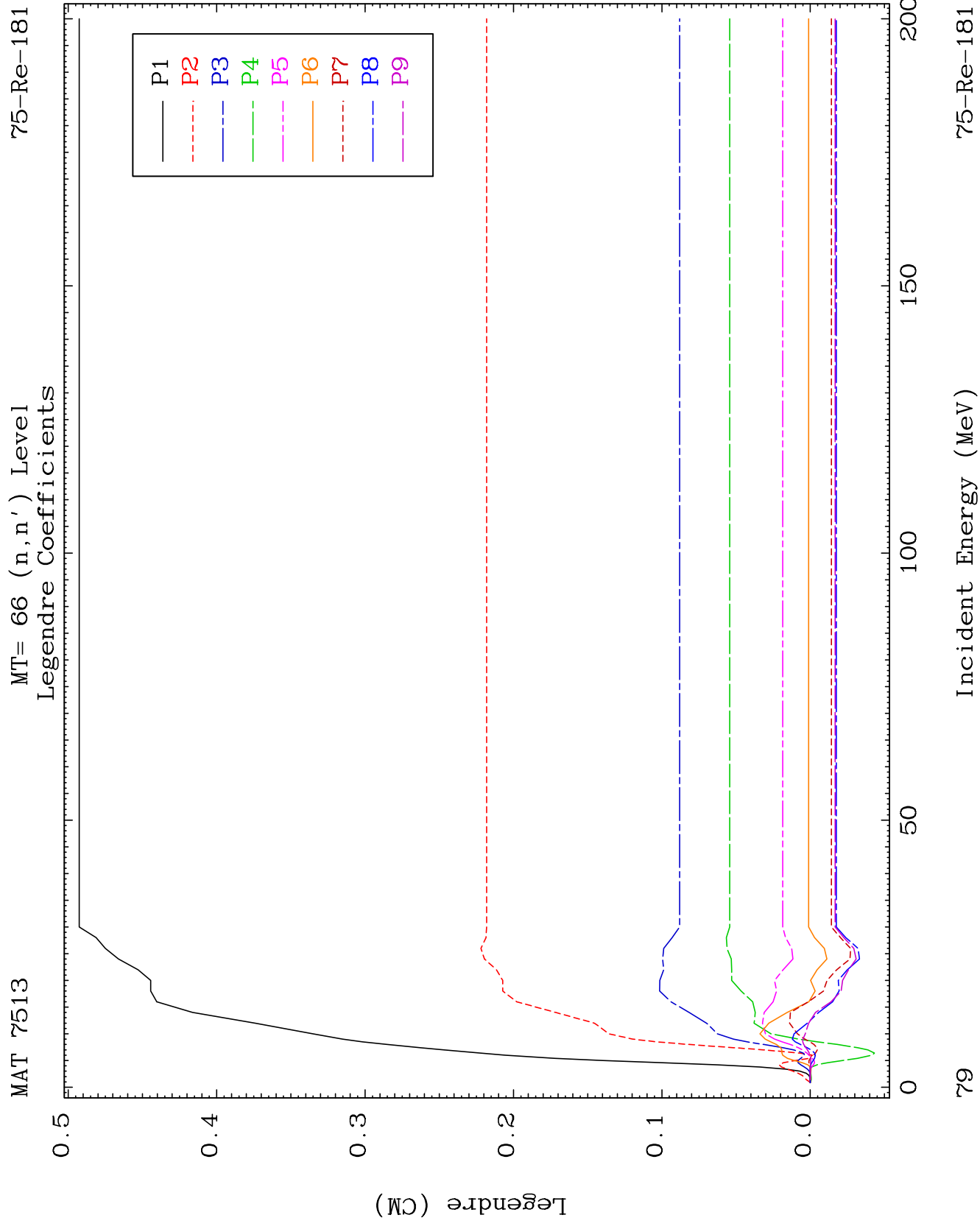
MAT 7513

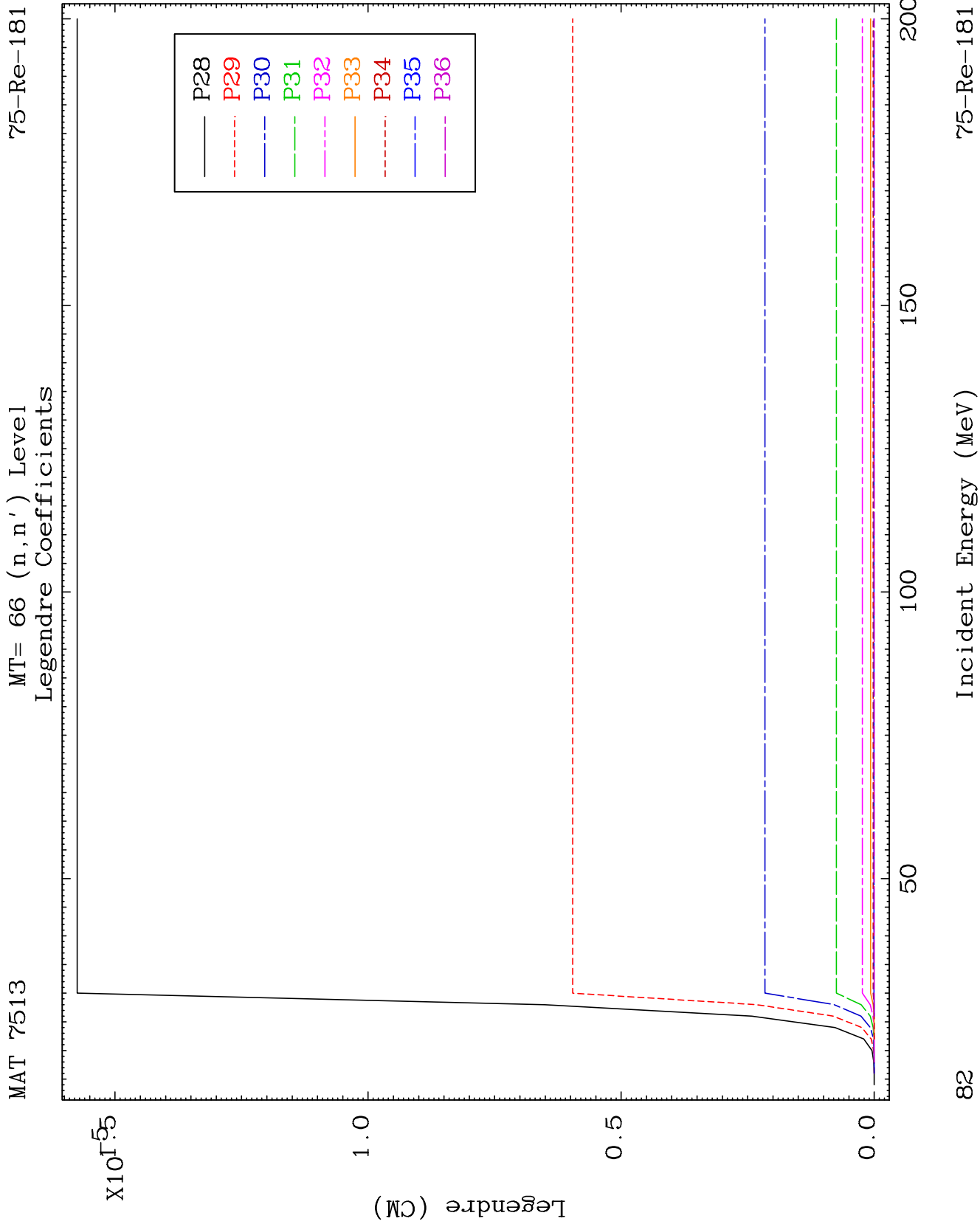
MT= 65 (n, n') Level
Legendre Coefficients

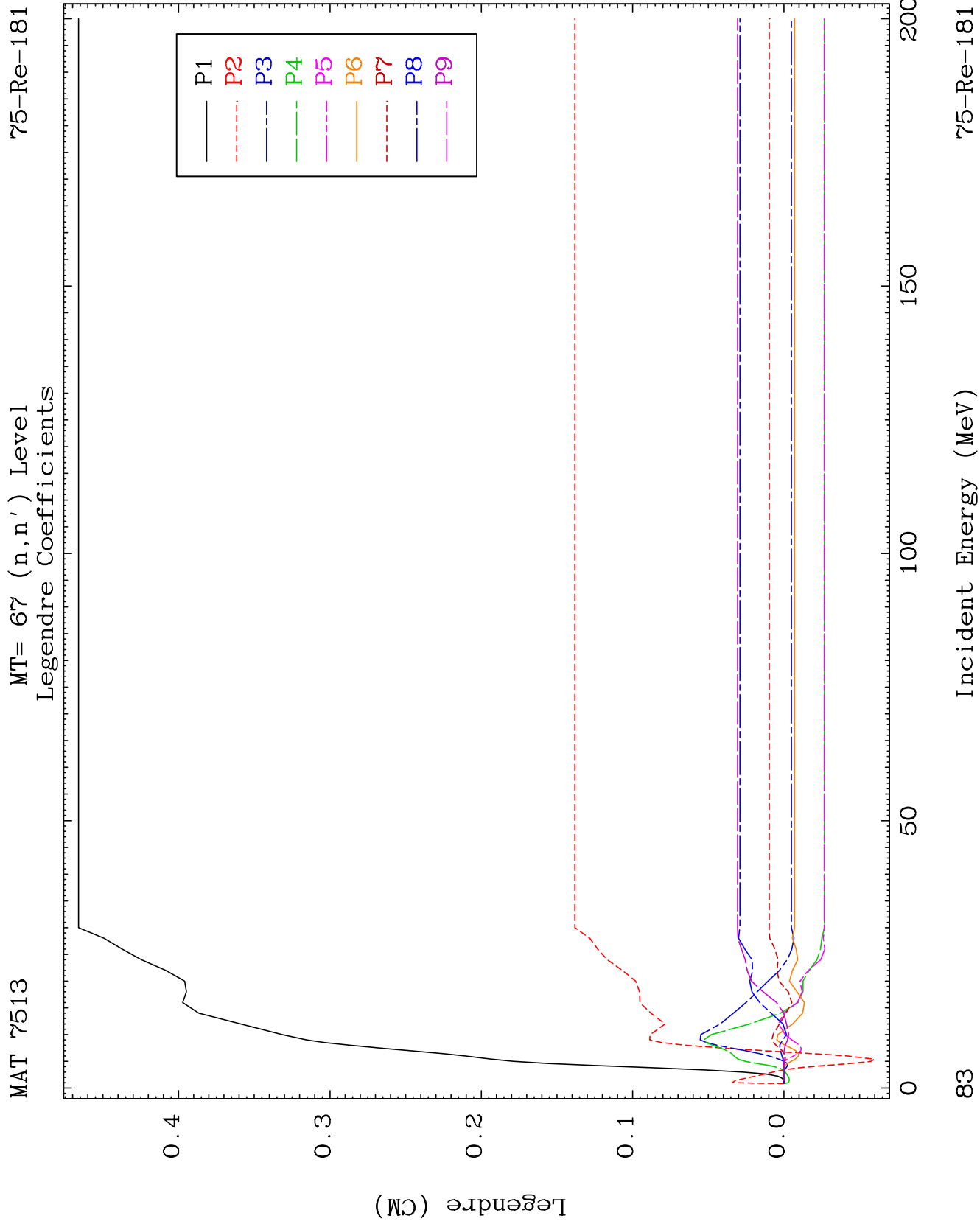
75-Re-181







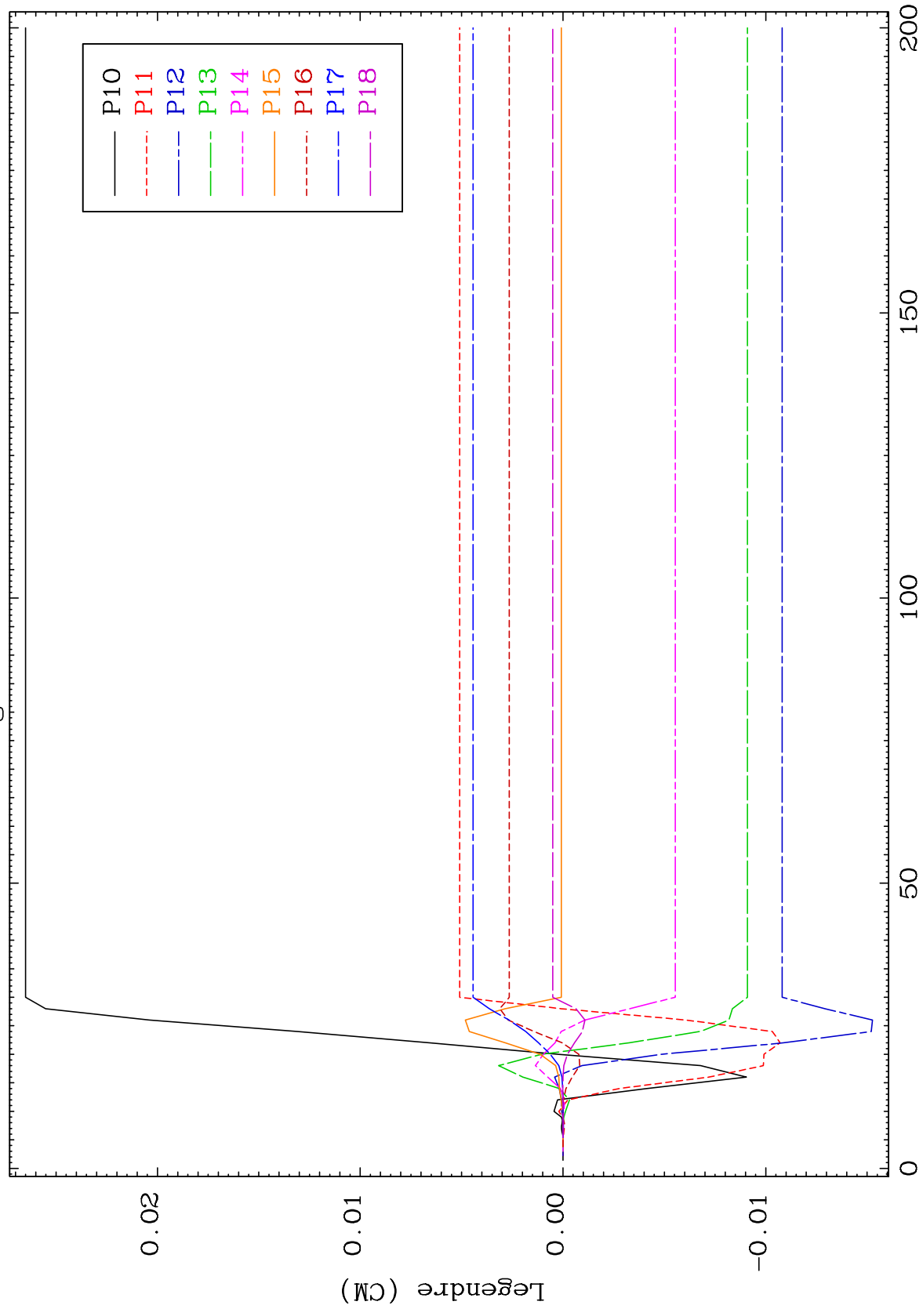




MAT 7513

MT= 67 (n, n') Level
Legendre Coefficients

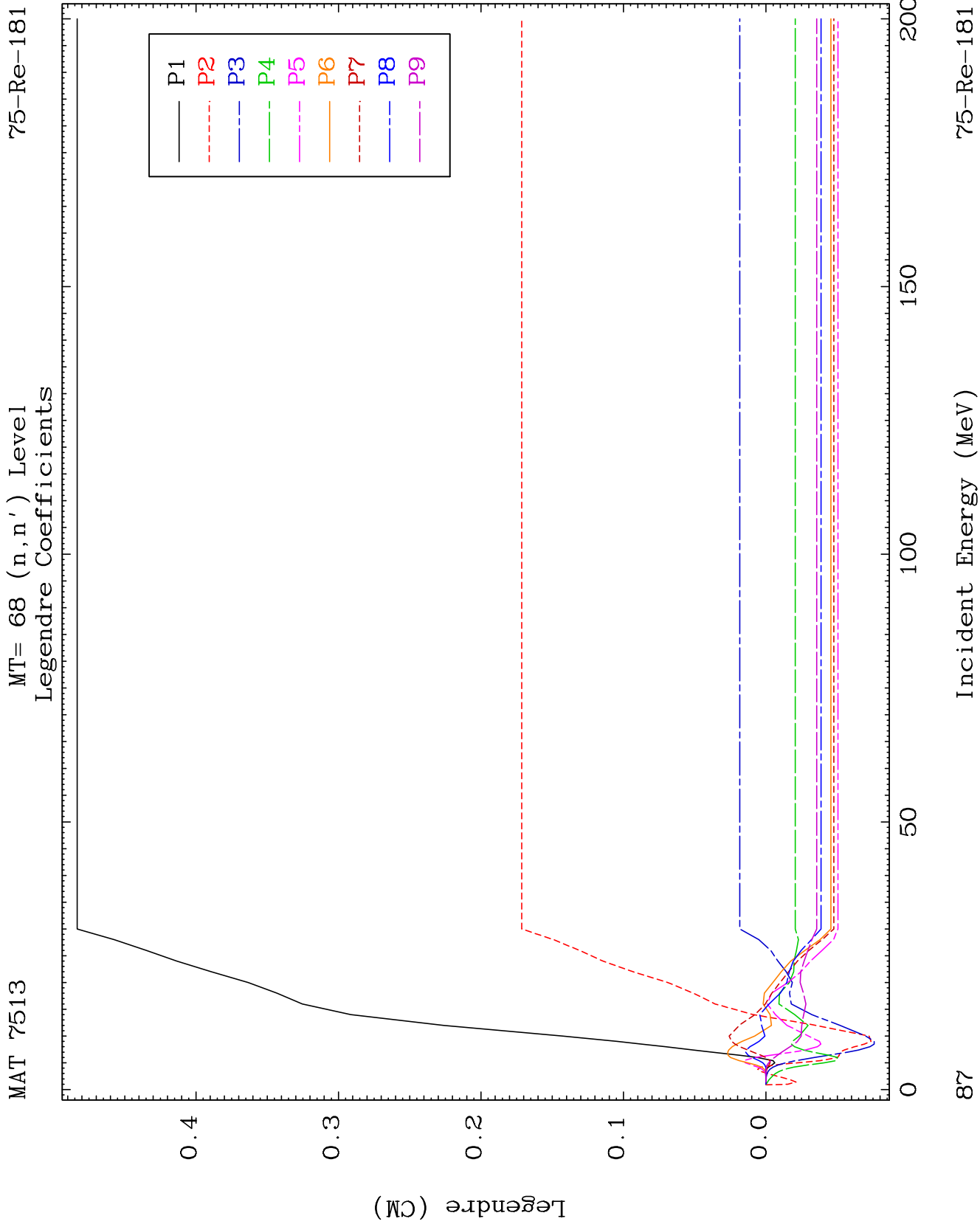
75-Re-181

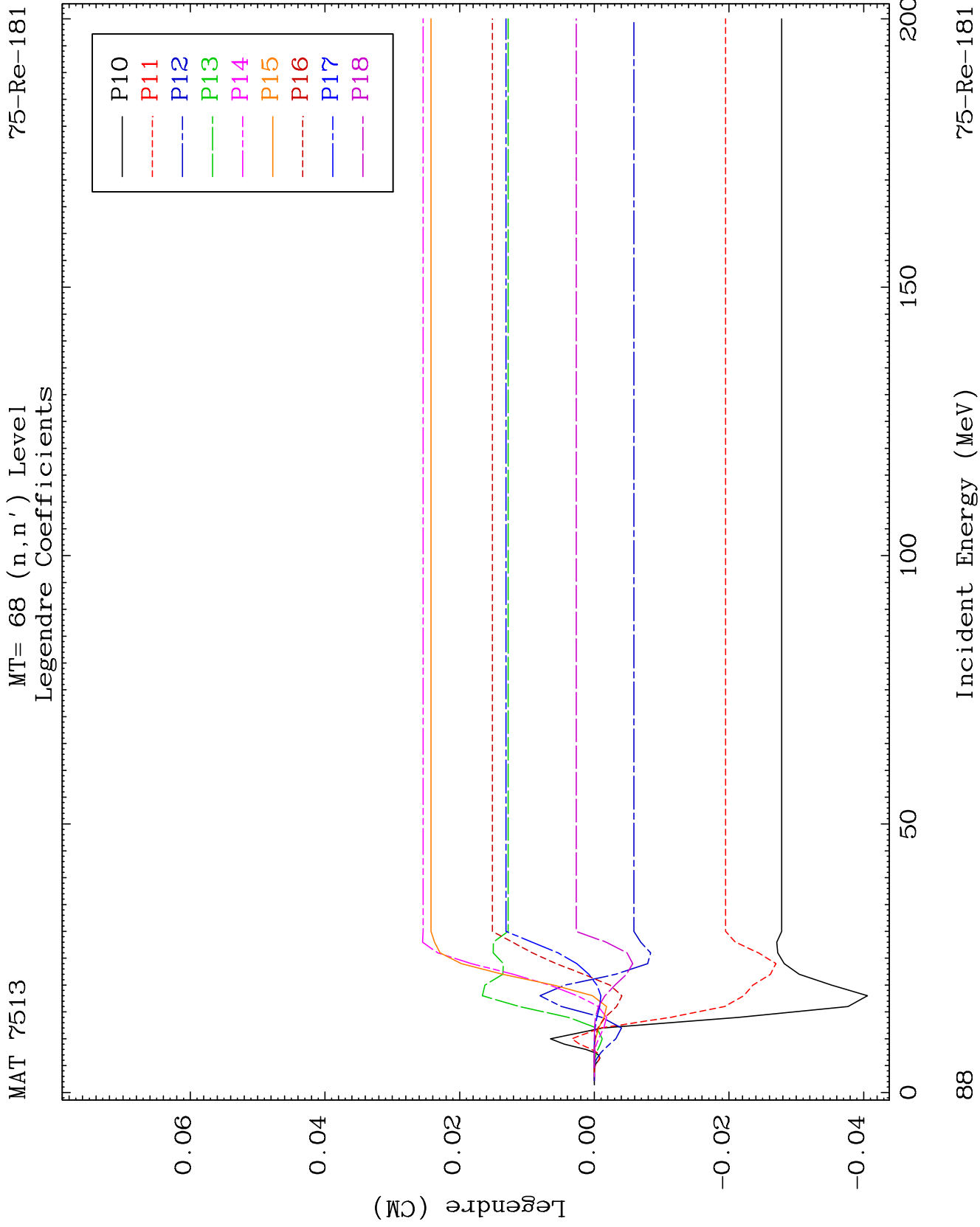


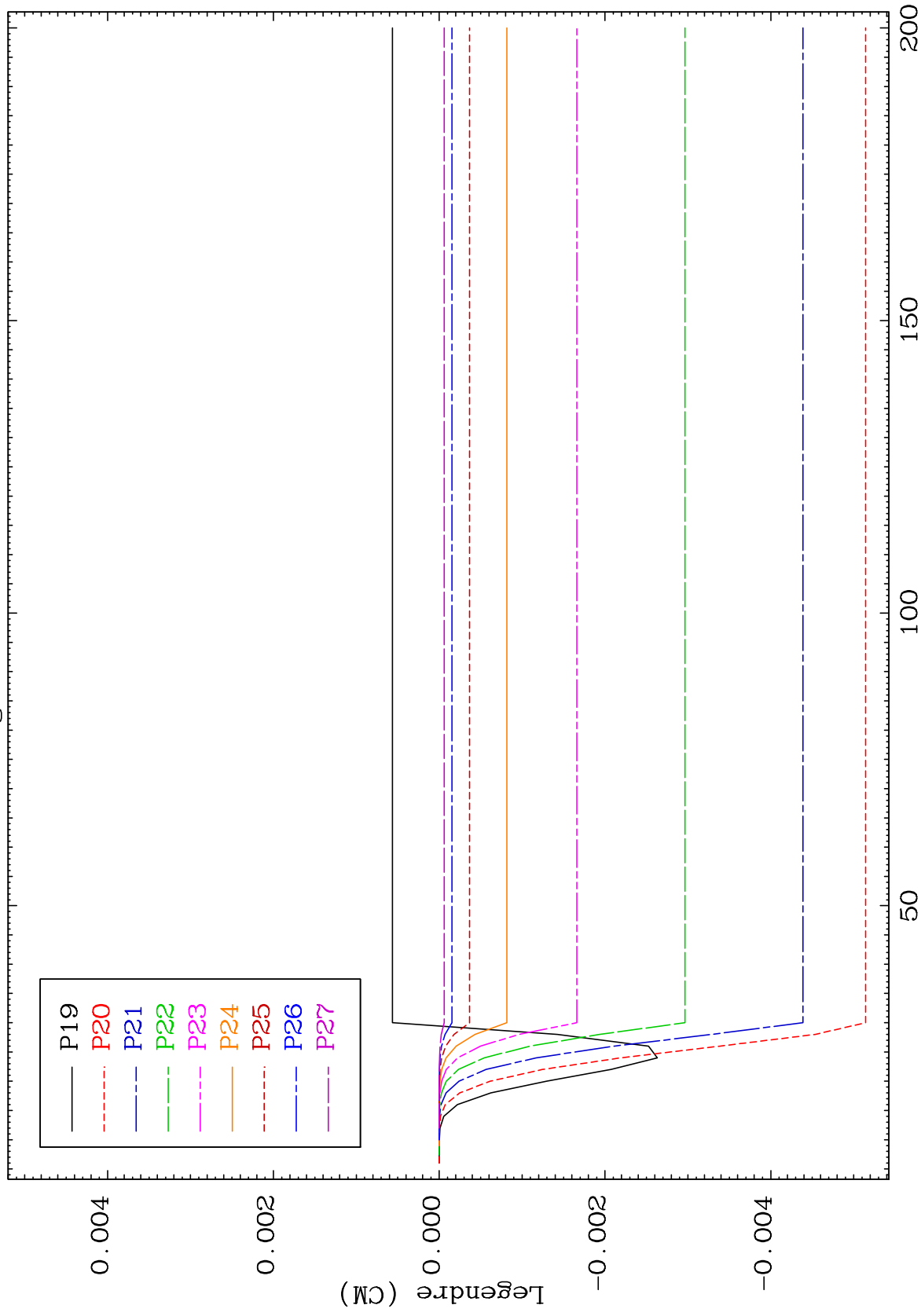
84

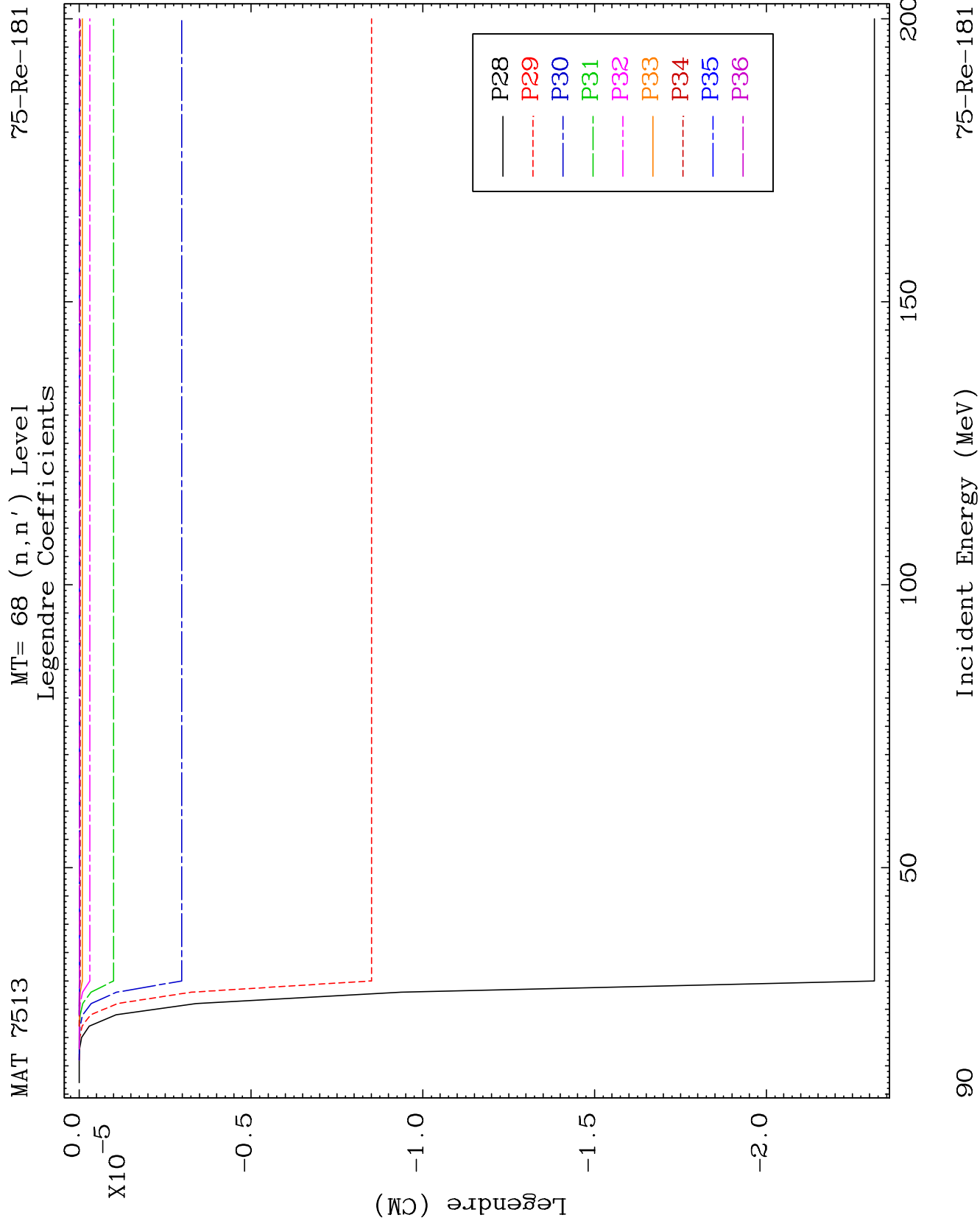
Incident Energy (MeV)

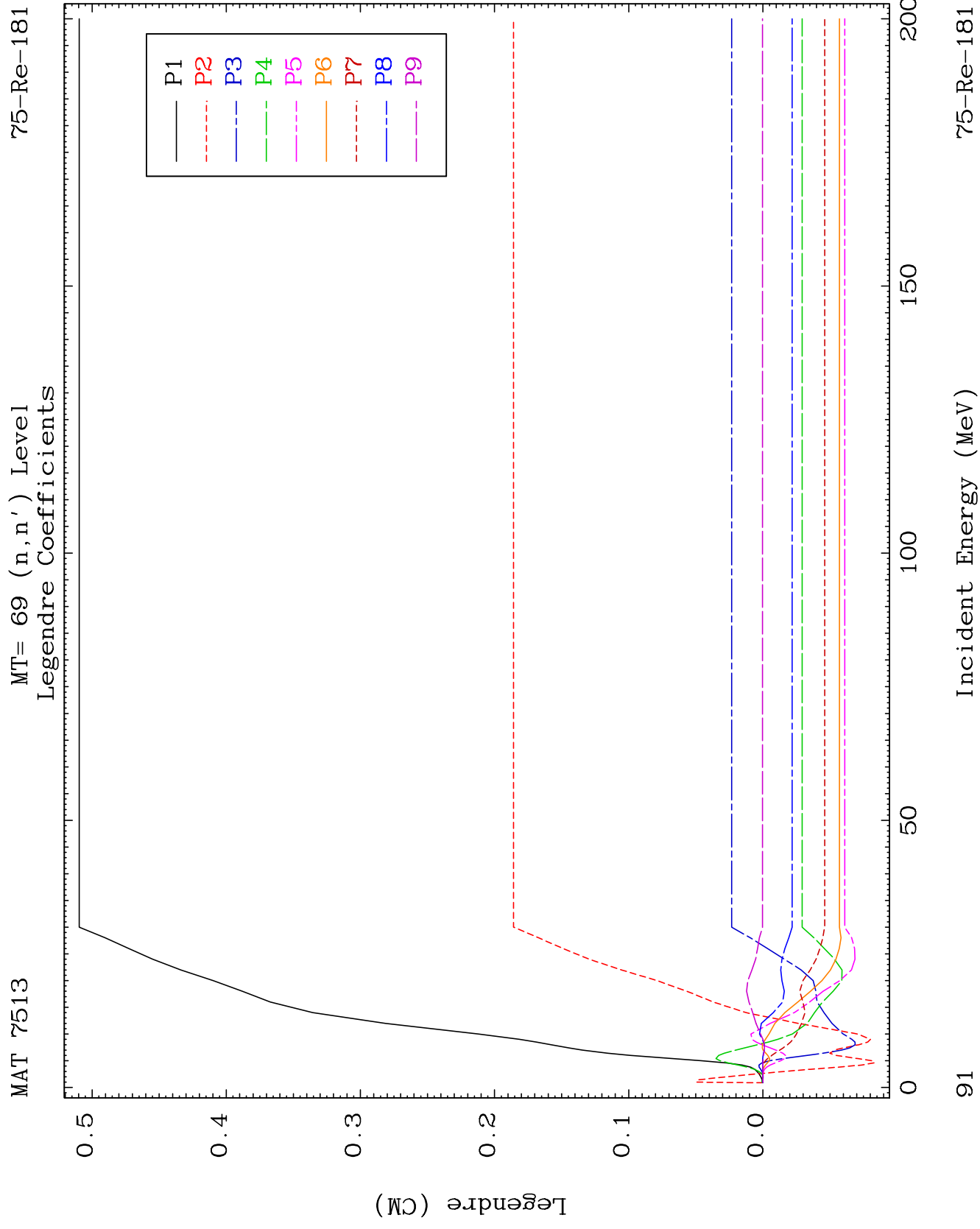
75-Re-181

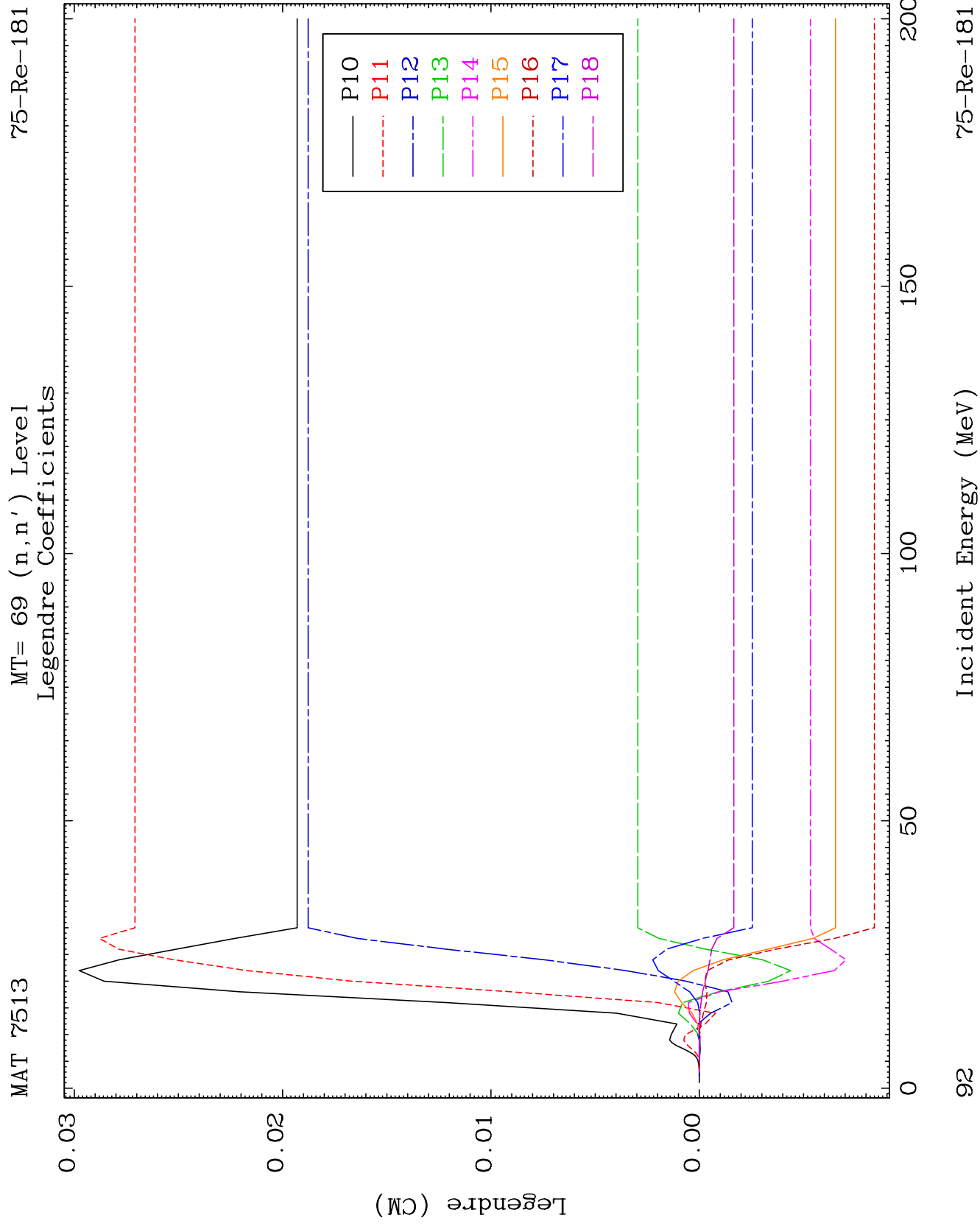


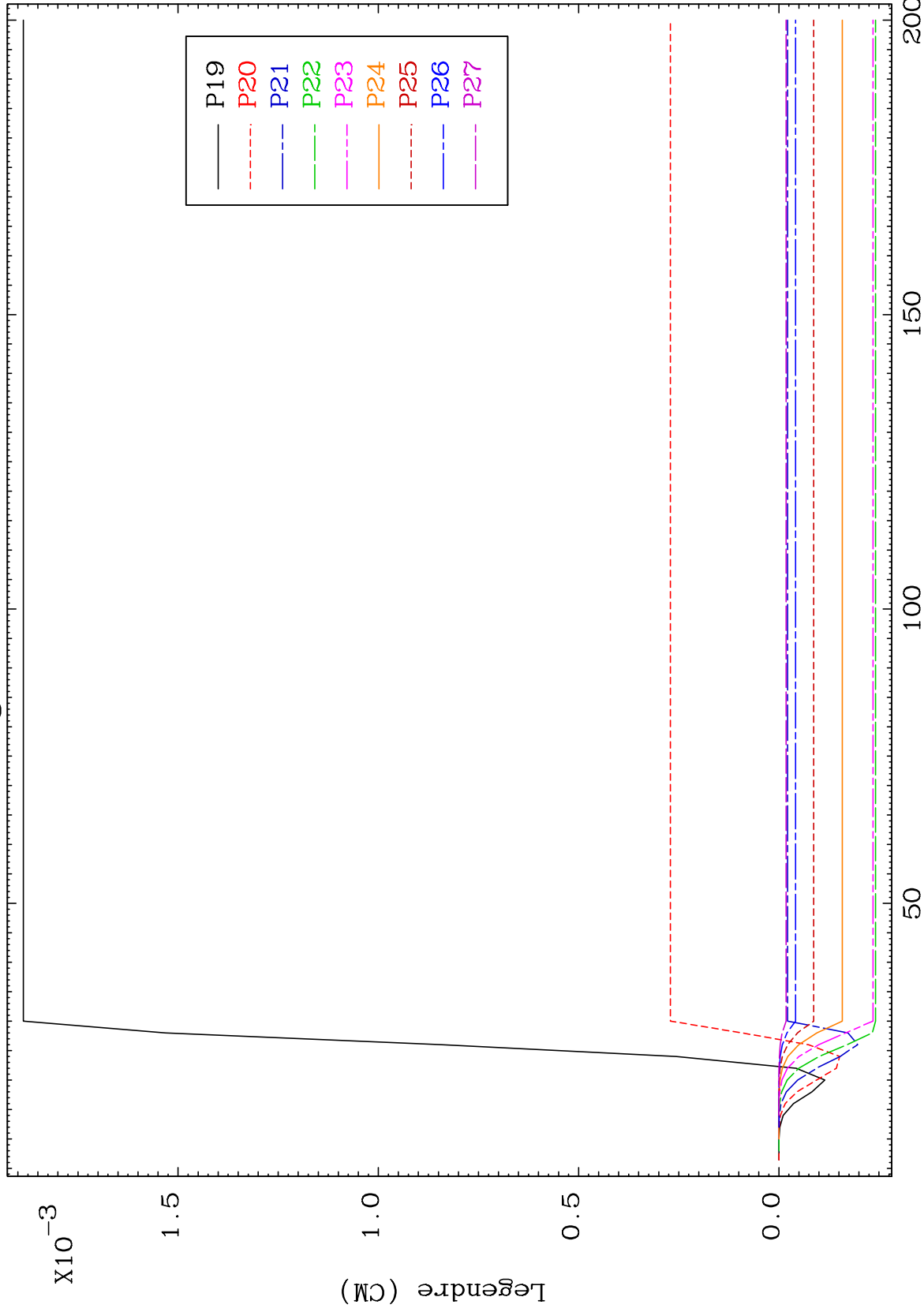


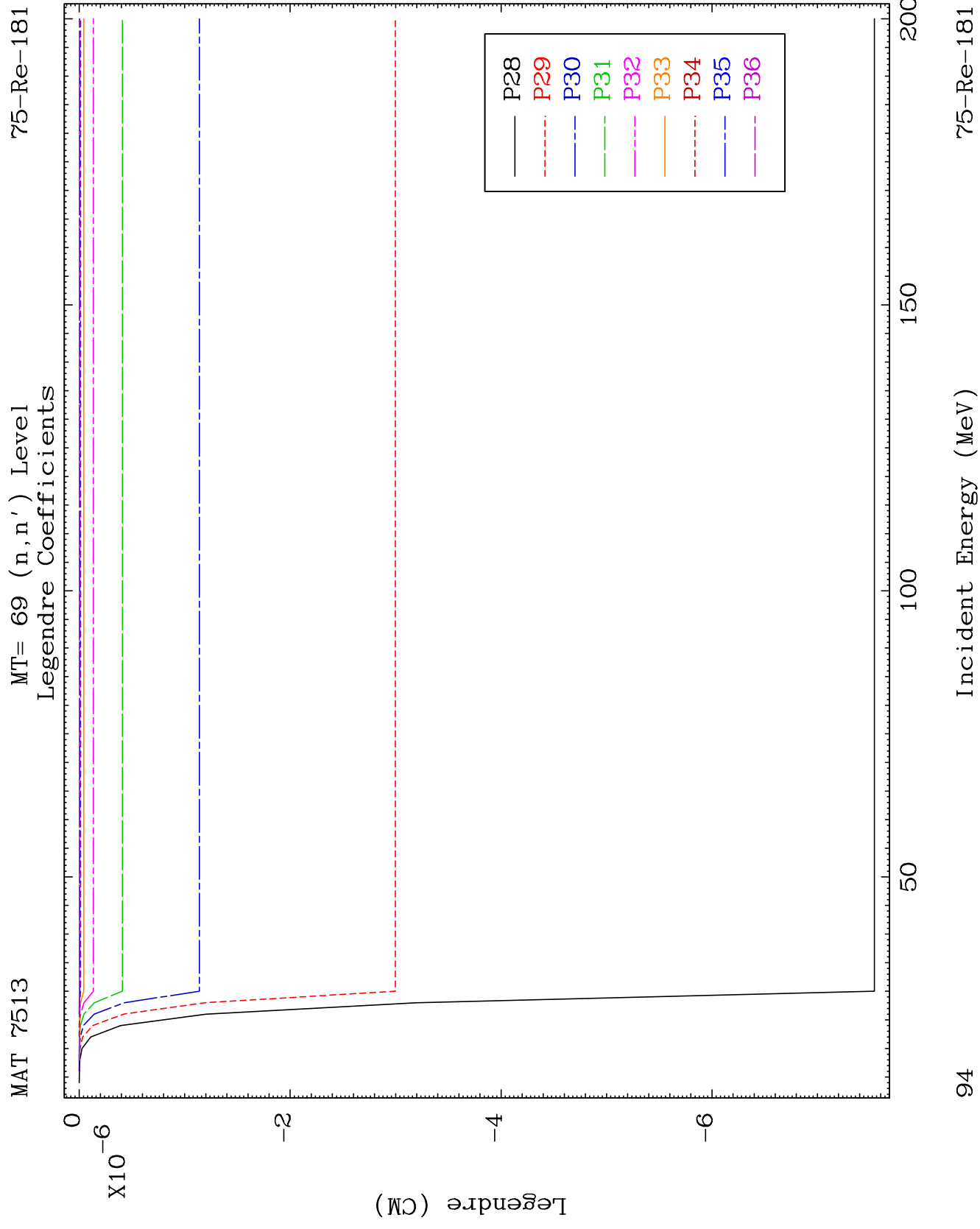








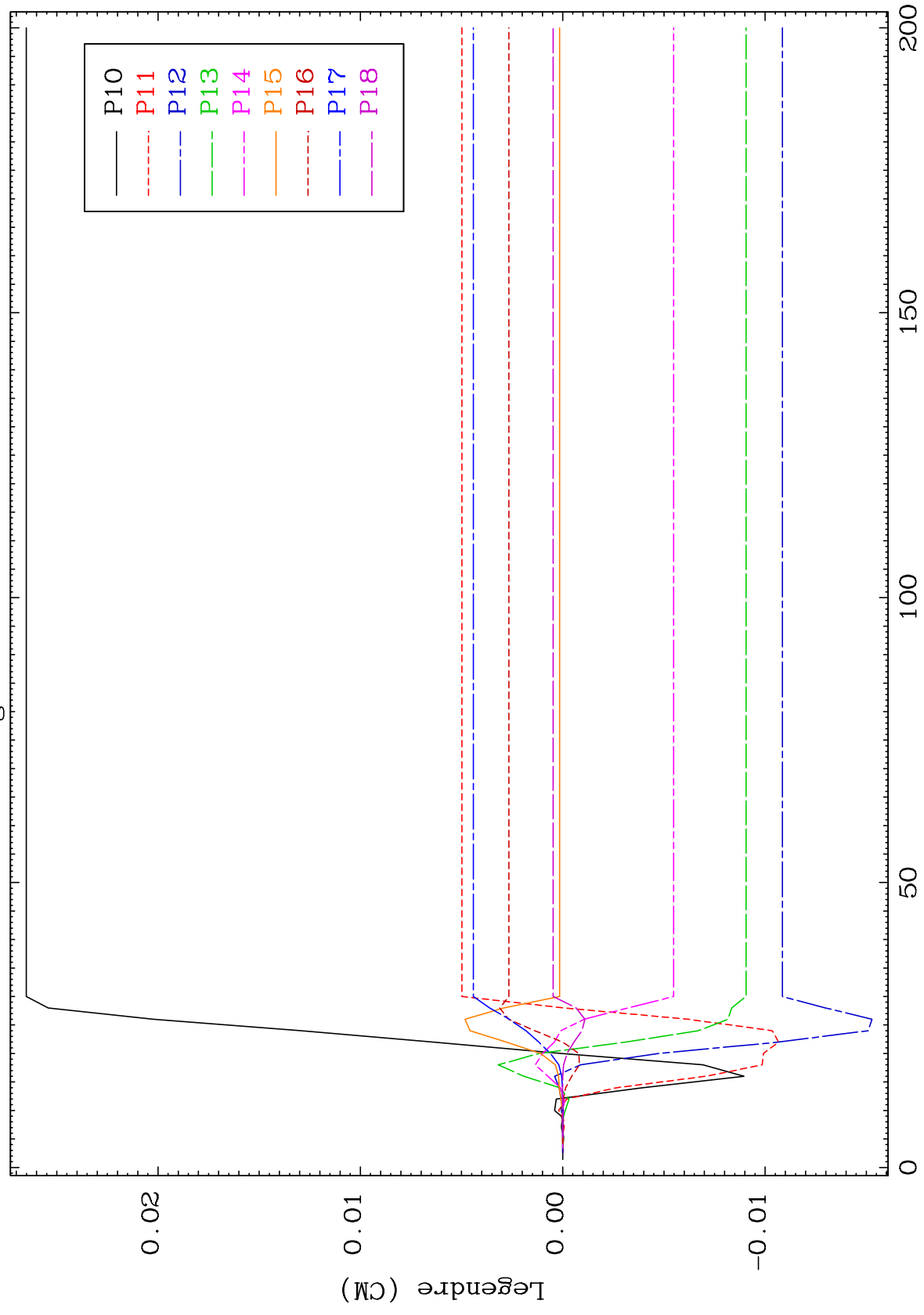




MAT 7513

MT= 70 (n, n') Level
Legendre Coefficients

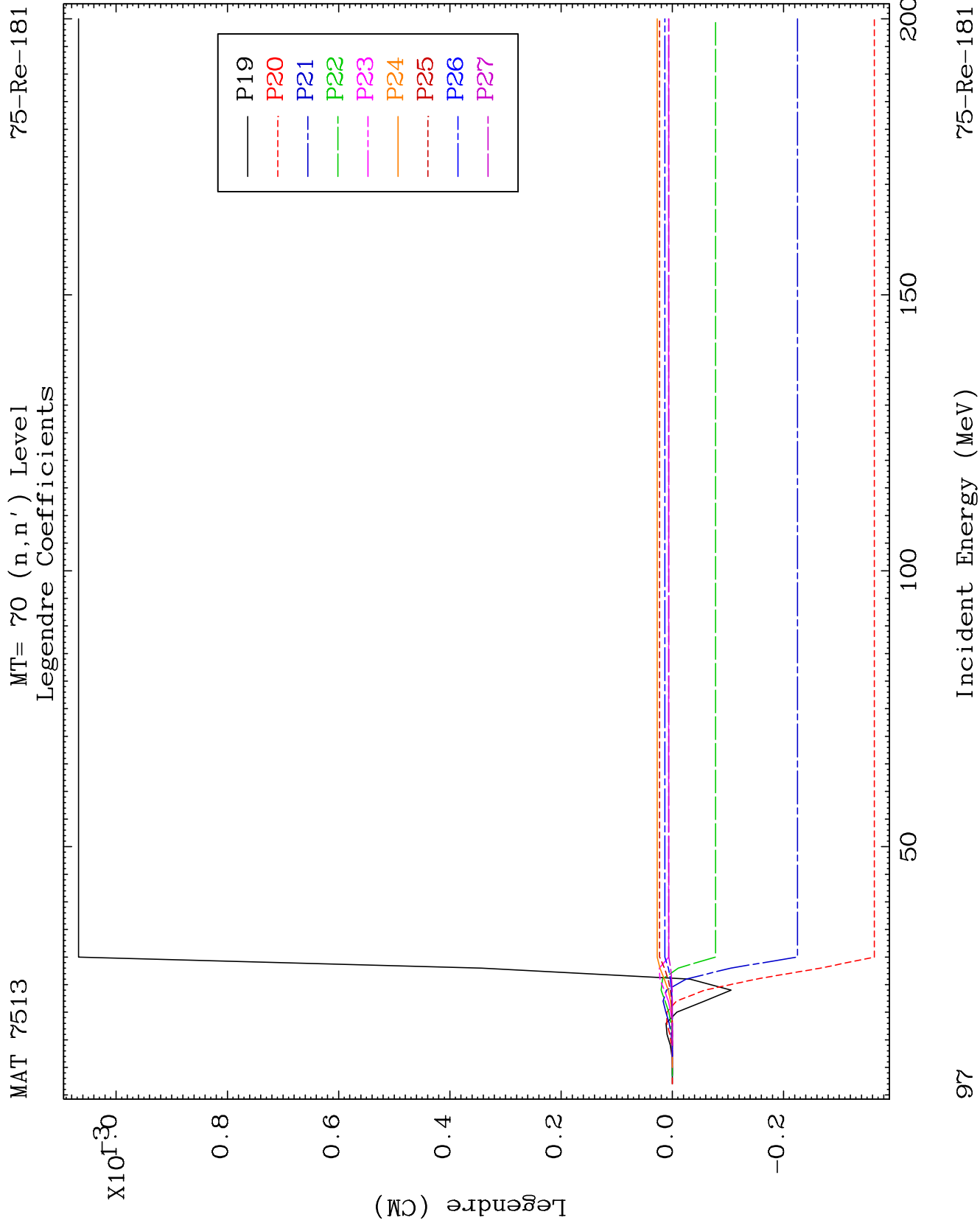
75-Re-181



96

Incident Energy (MeV)

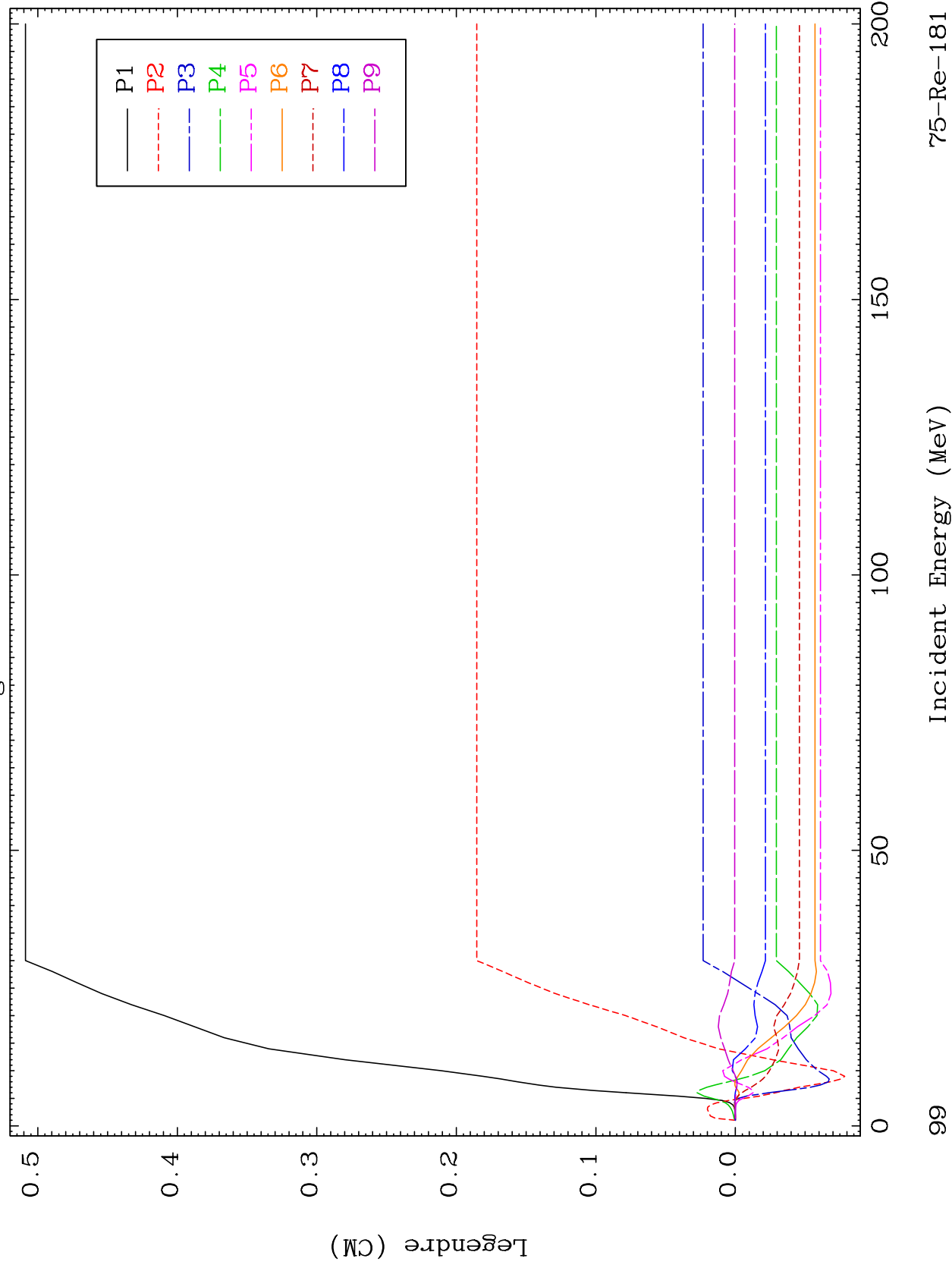
75-Re-181



MAT 7513

MT= 71 (n, n') Level
Legendre Coefficients

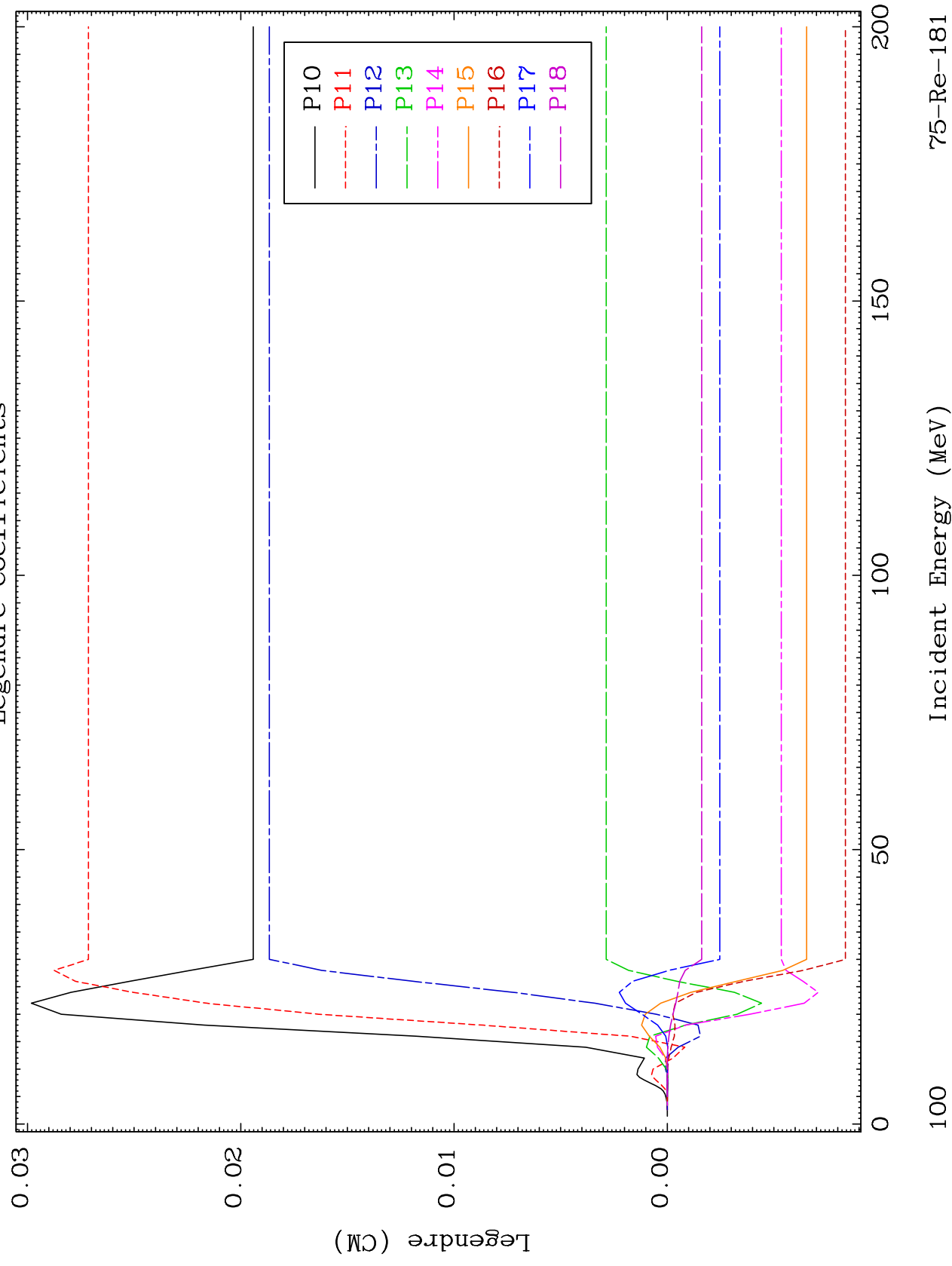
75-Re-181

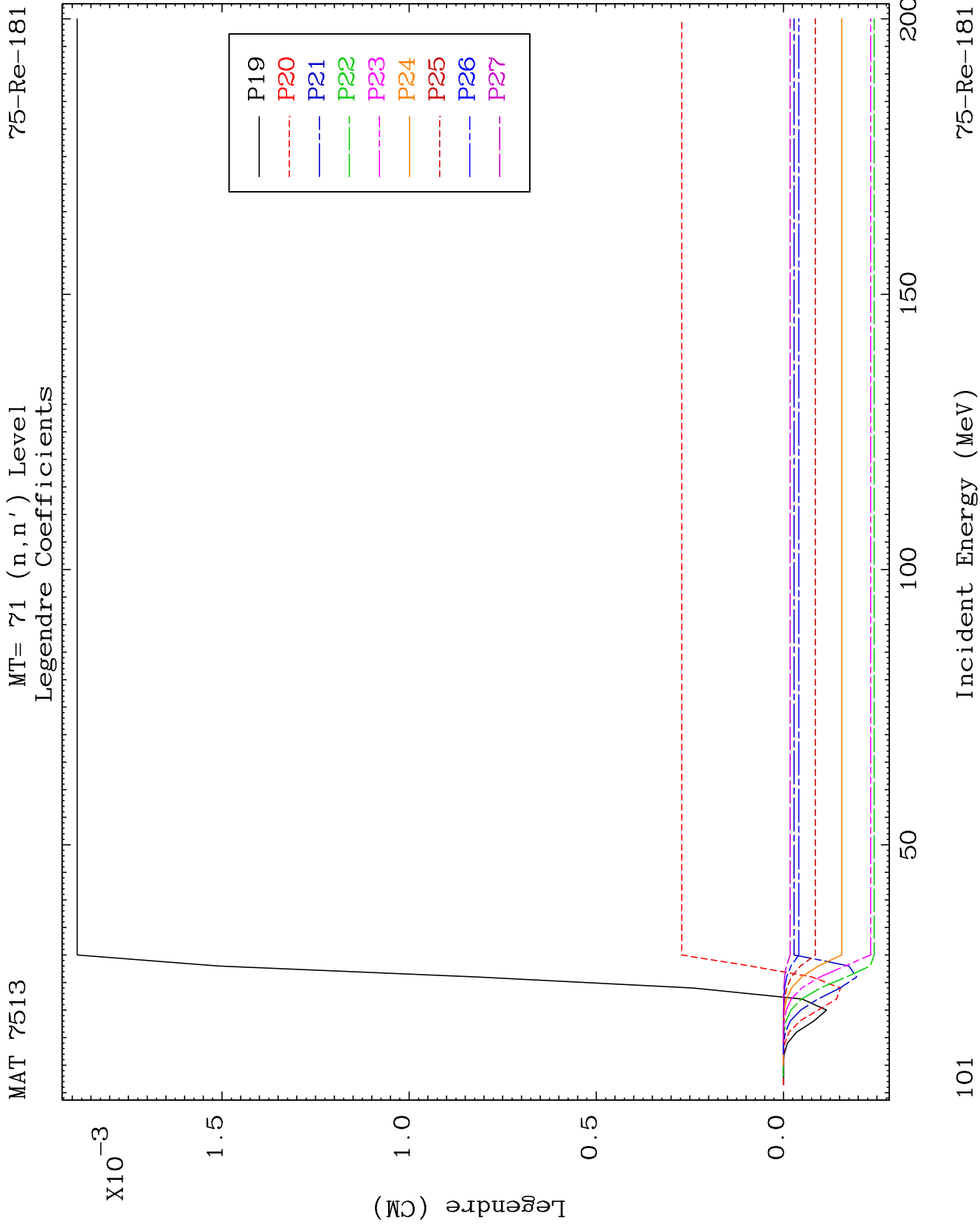


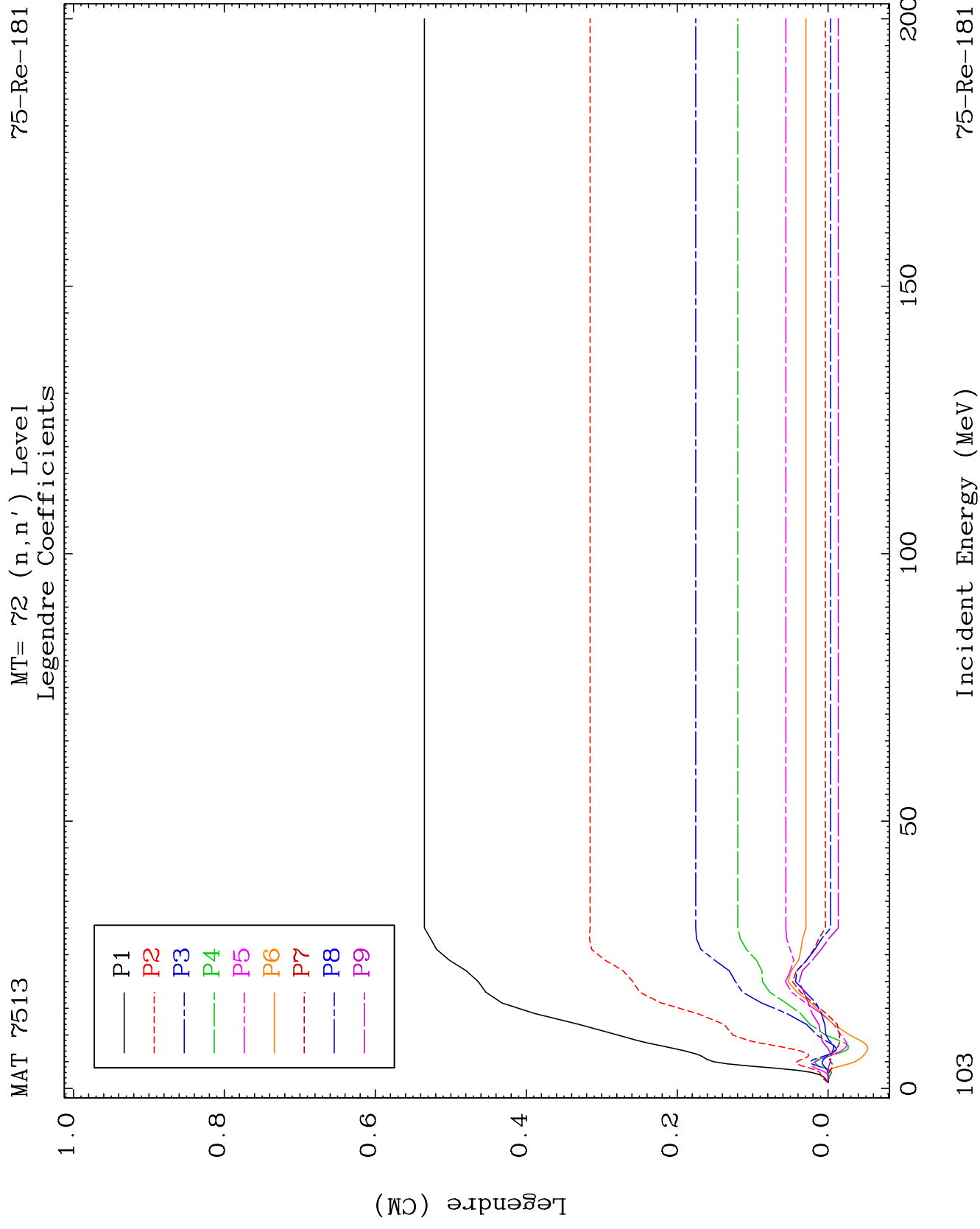
MAT 7513

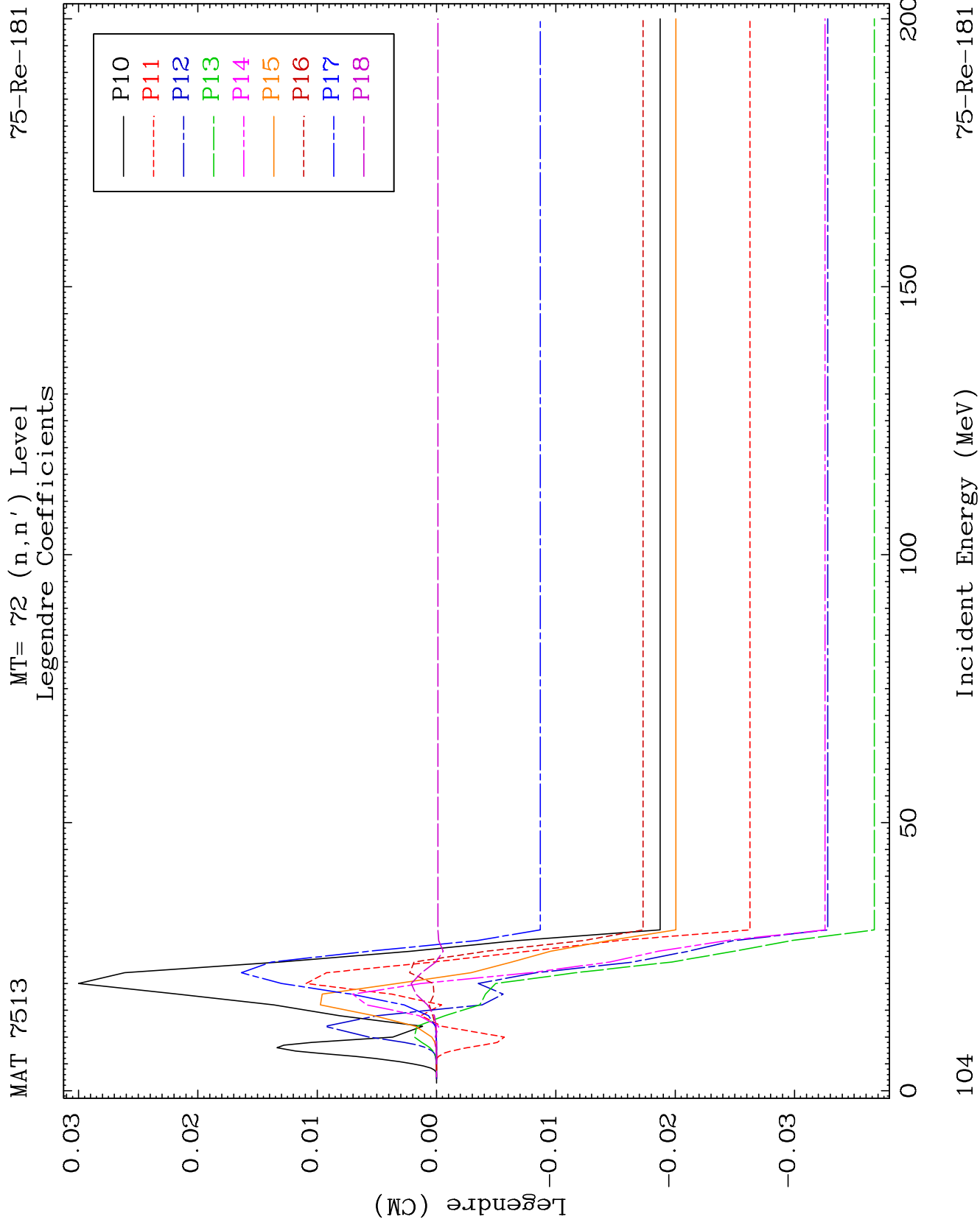
MT= 71 (n, n') Level
Legendre Coefficients

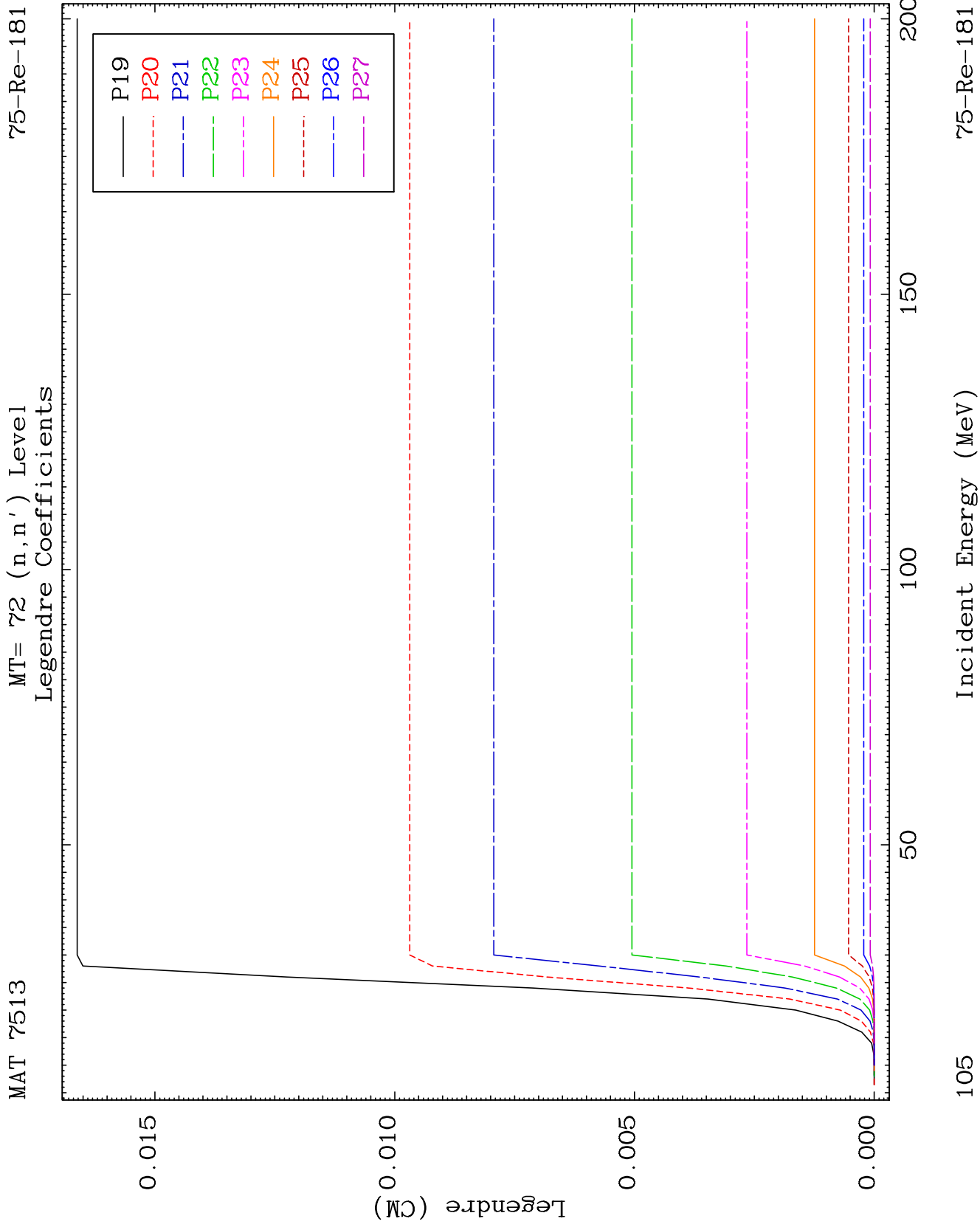
75-Re-181

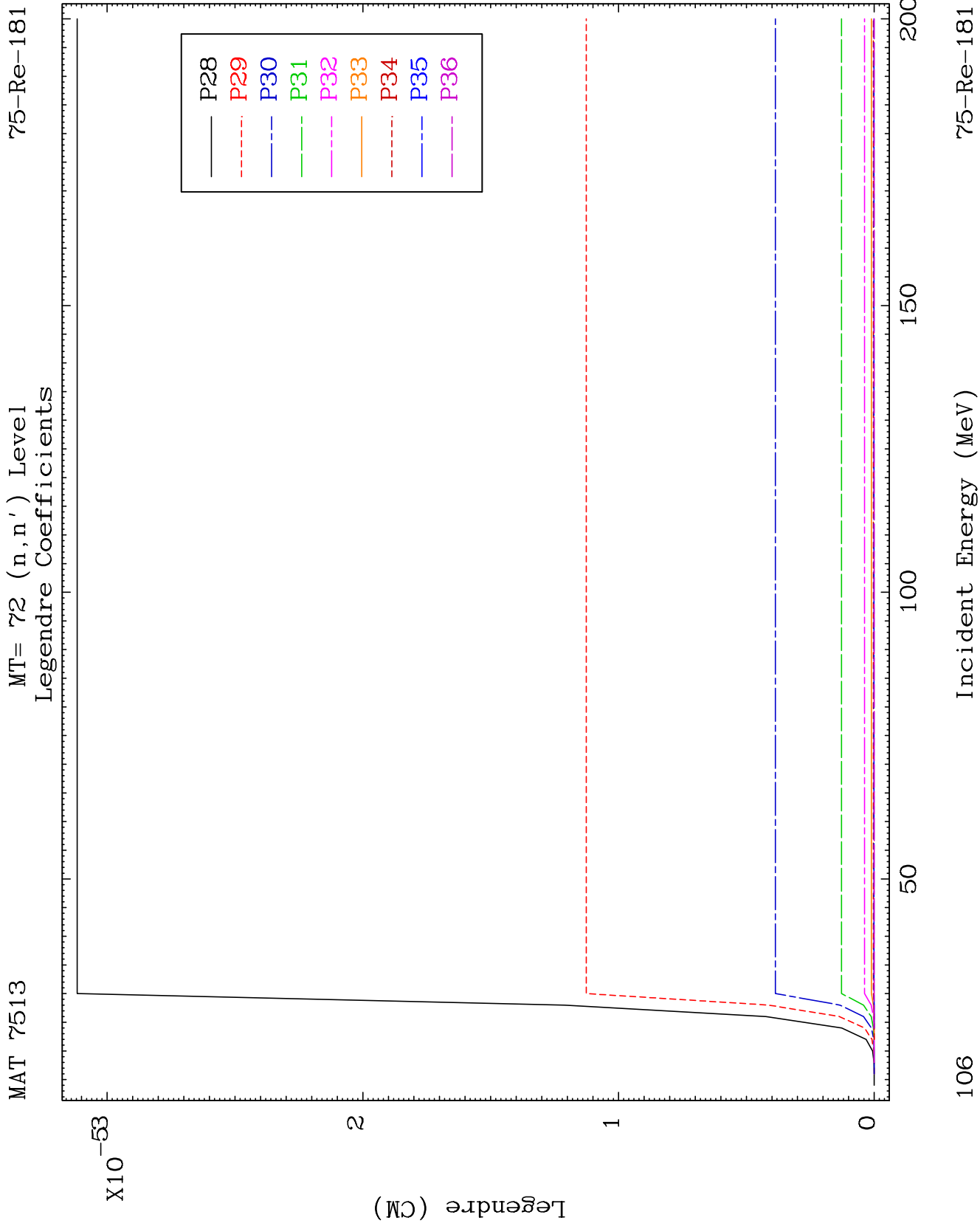


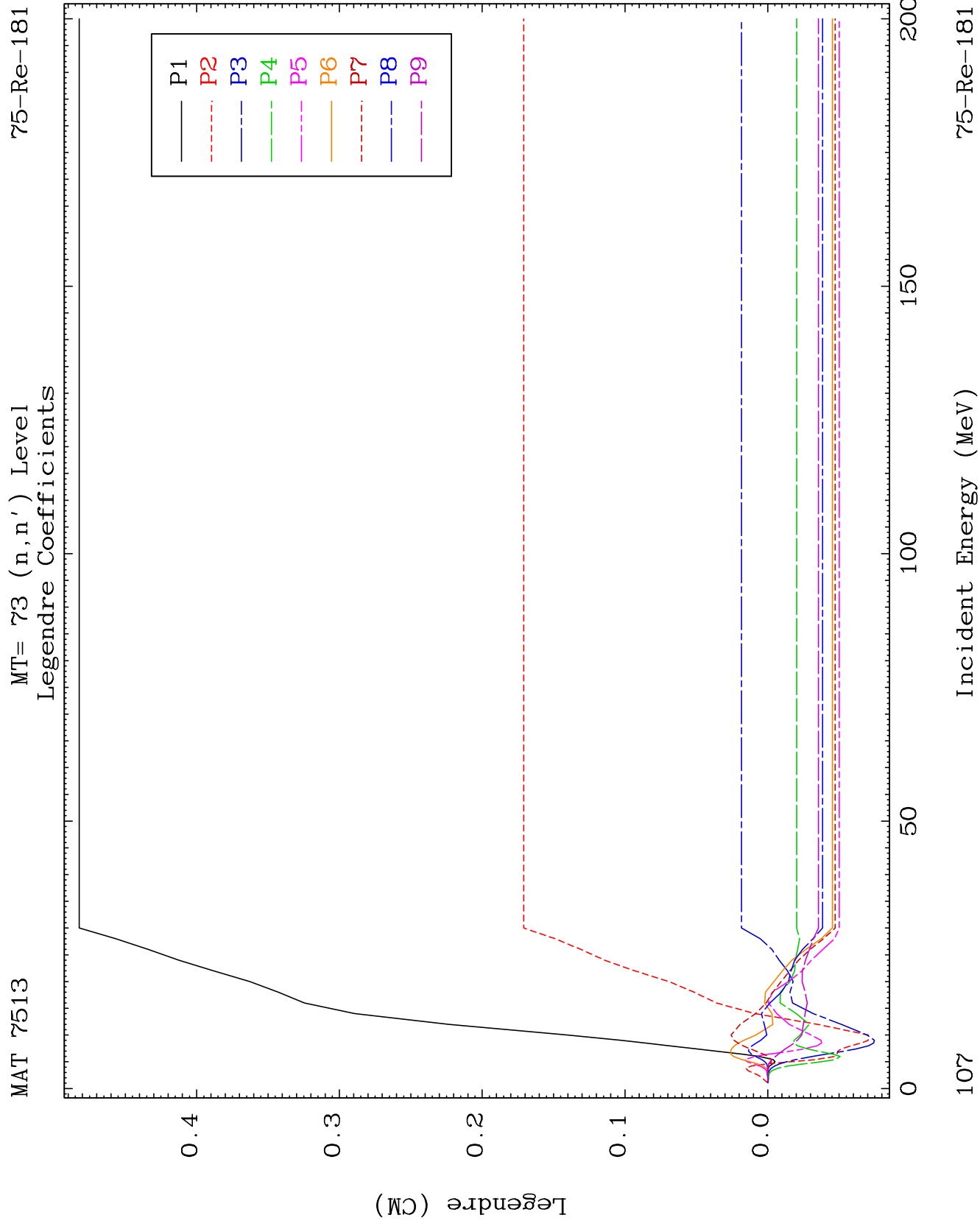








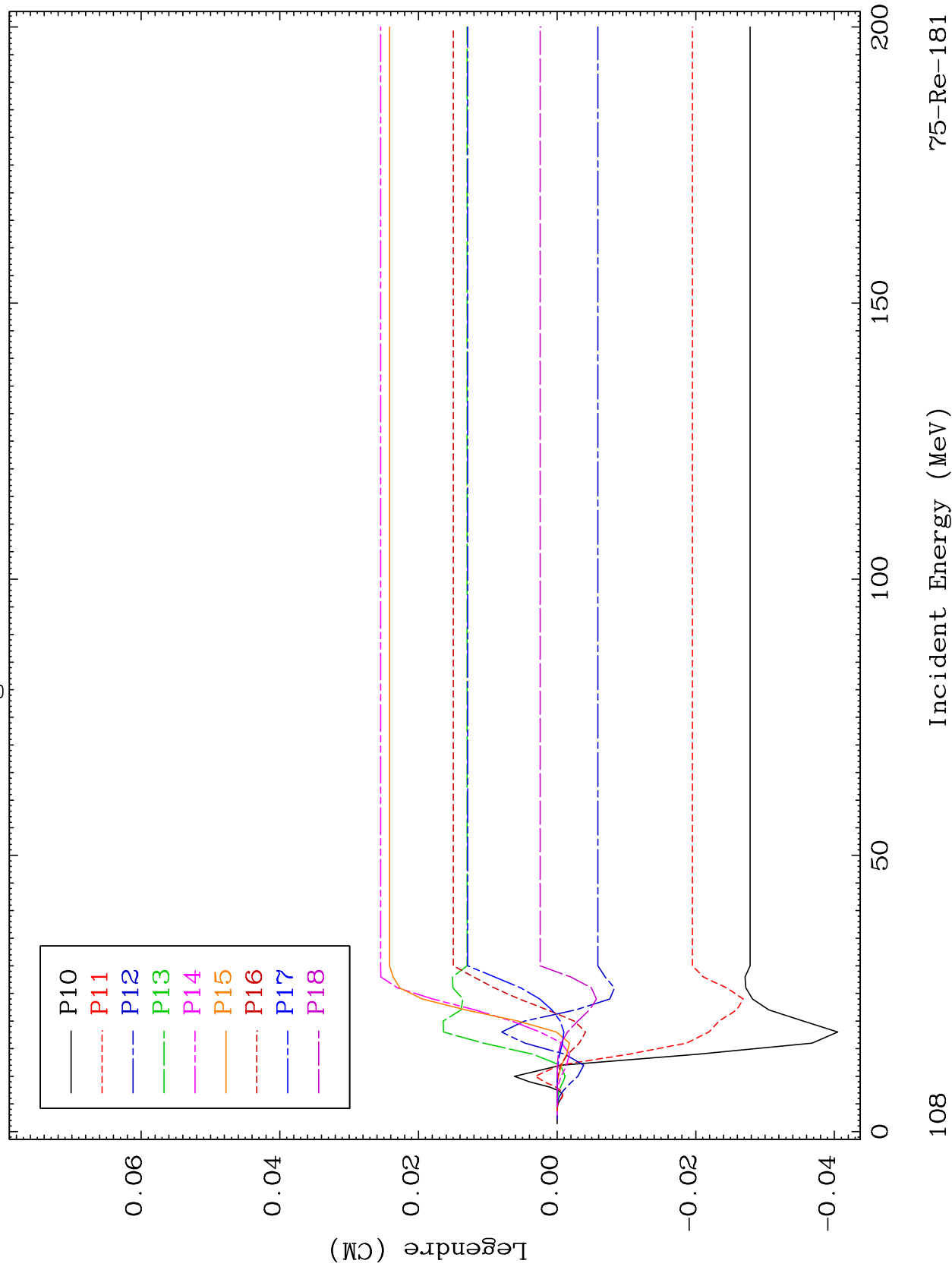


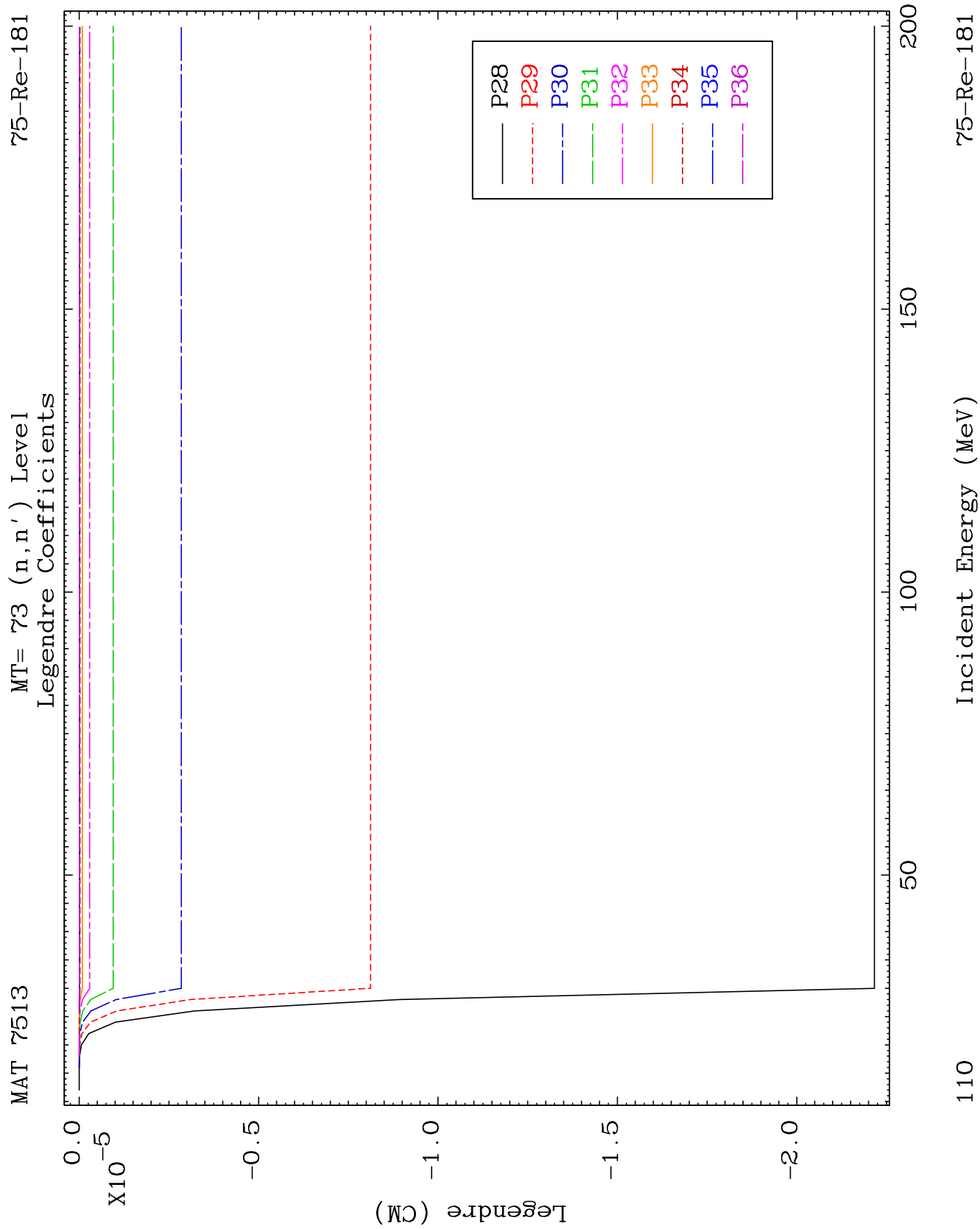


MAT 7513

MT= 73 (n, n') Level
Legendre Coefficients

75-Re-181

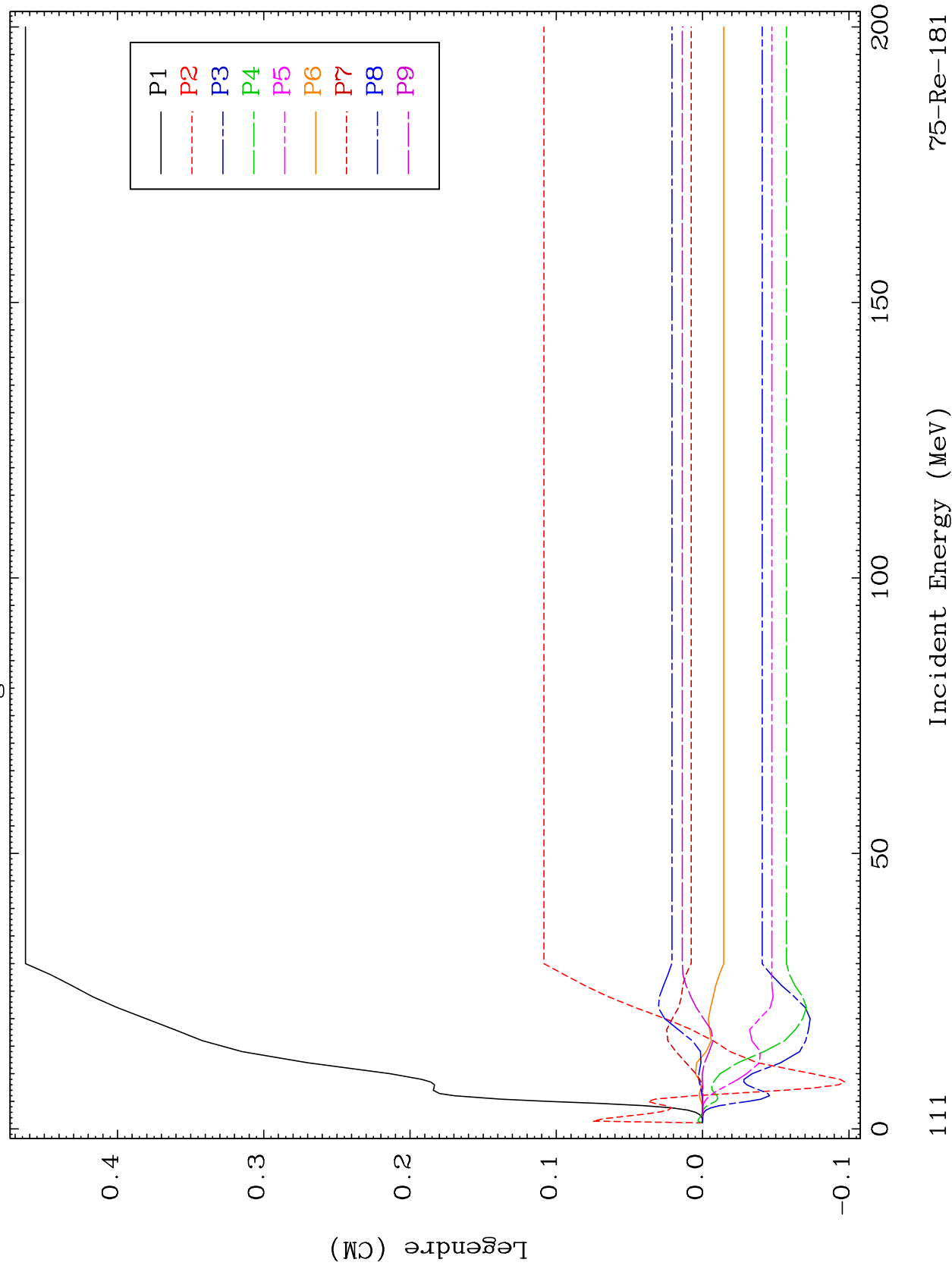




MAT 7513

MT= 74 (n, n') Level
Legendre Coefficients

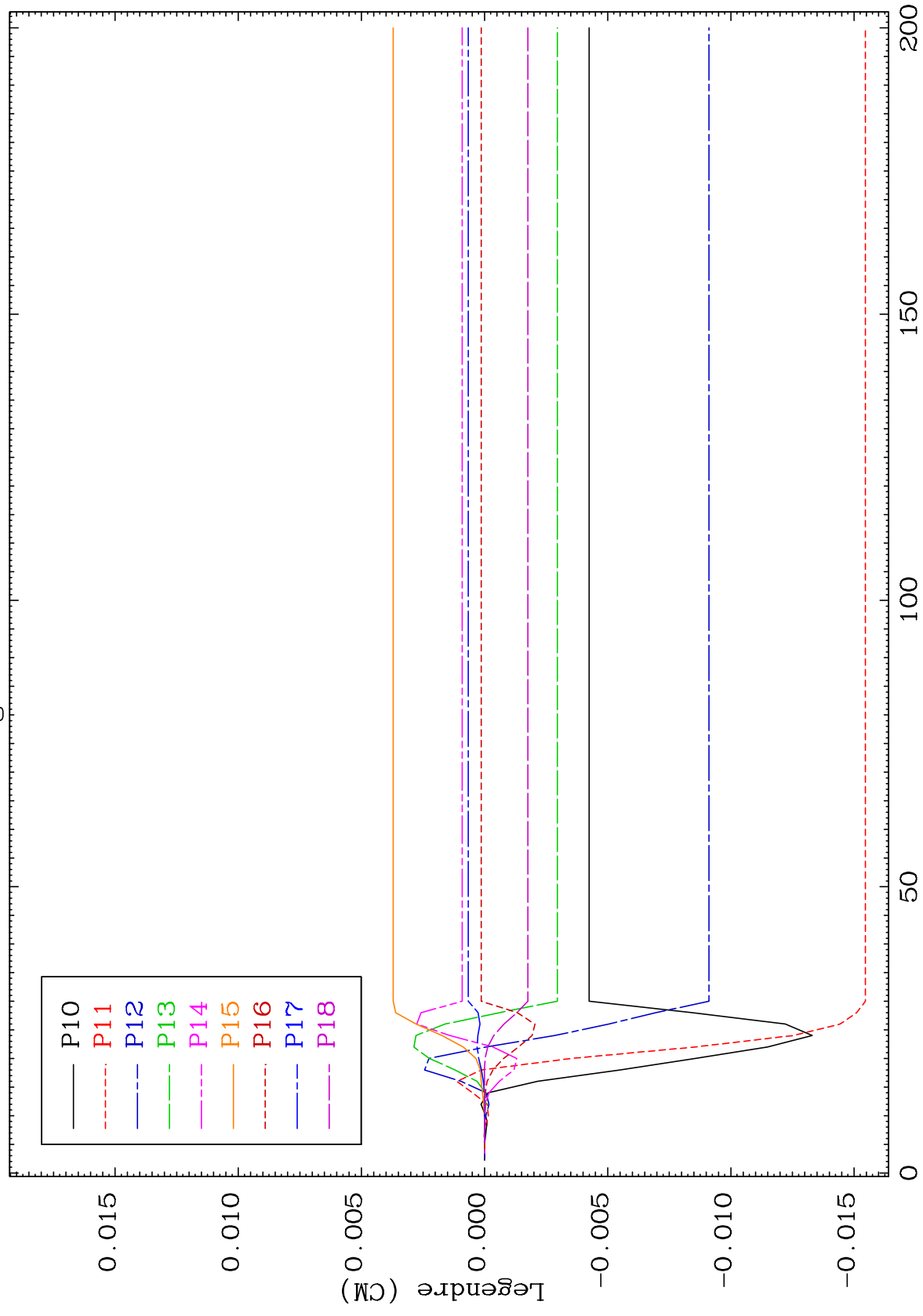
75-Re-181



MAT 7513

MT= 74 (n, n') Level
Legendre Coefficients

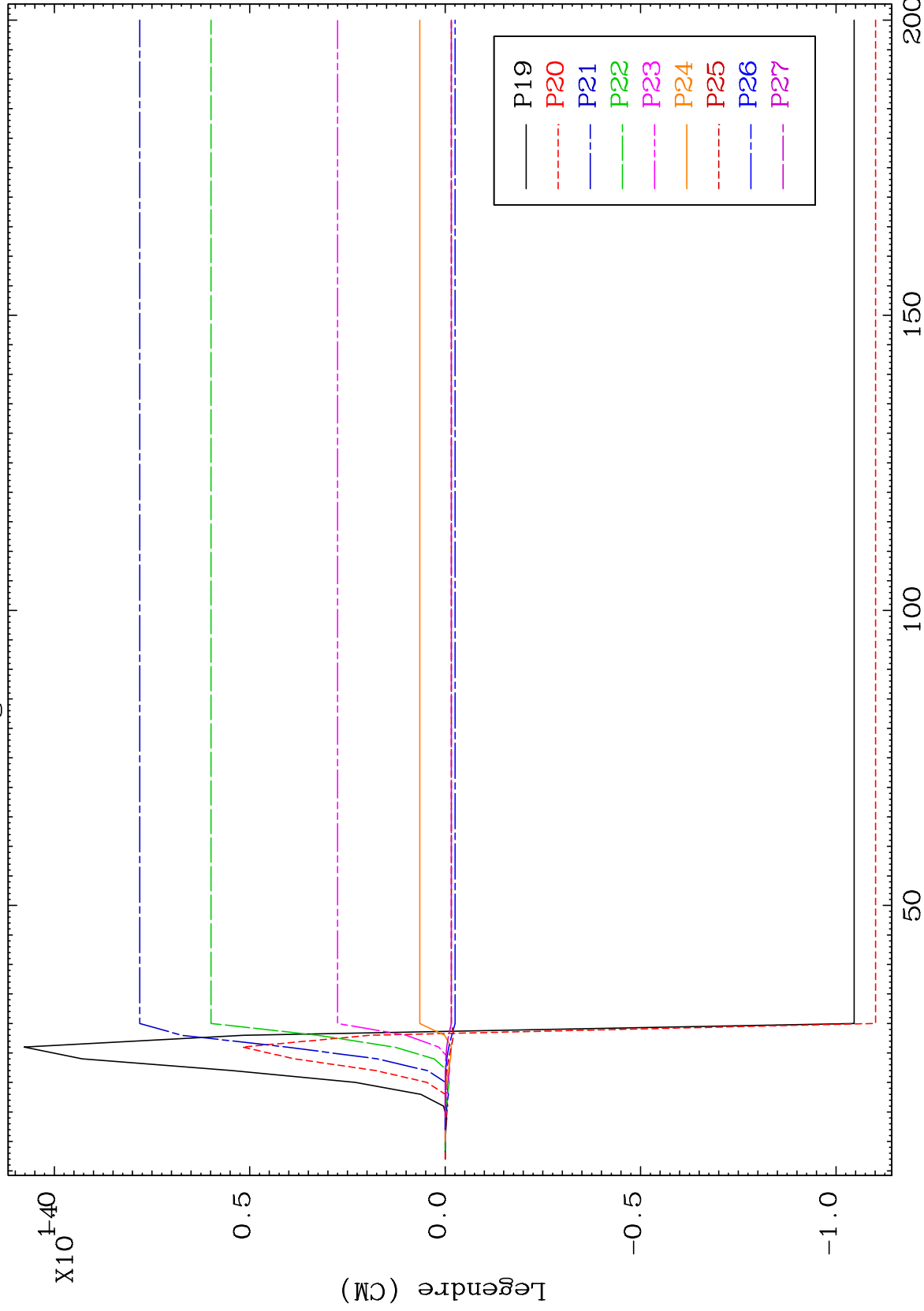
75-Re-181



112

Incident Energy (MeV)

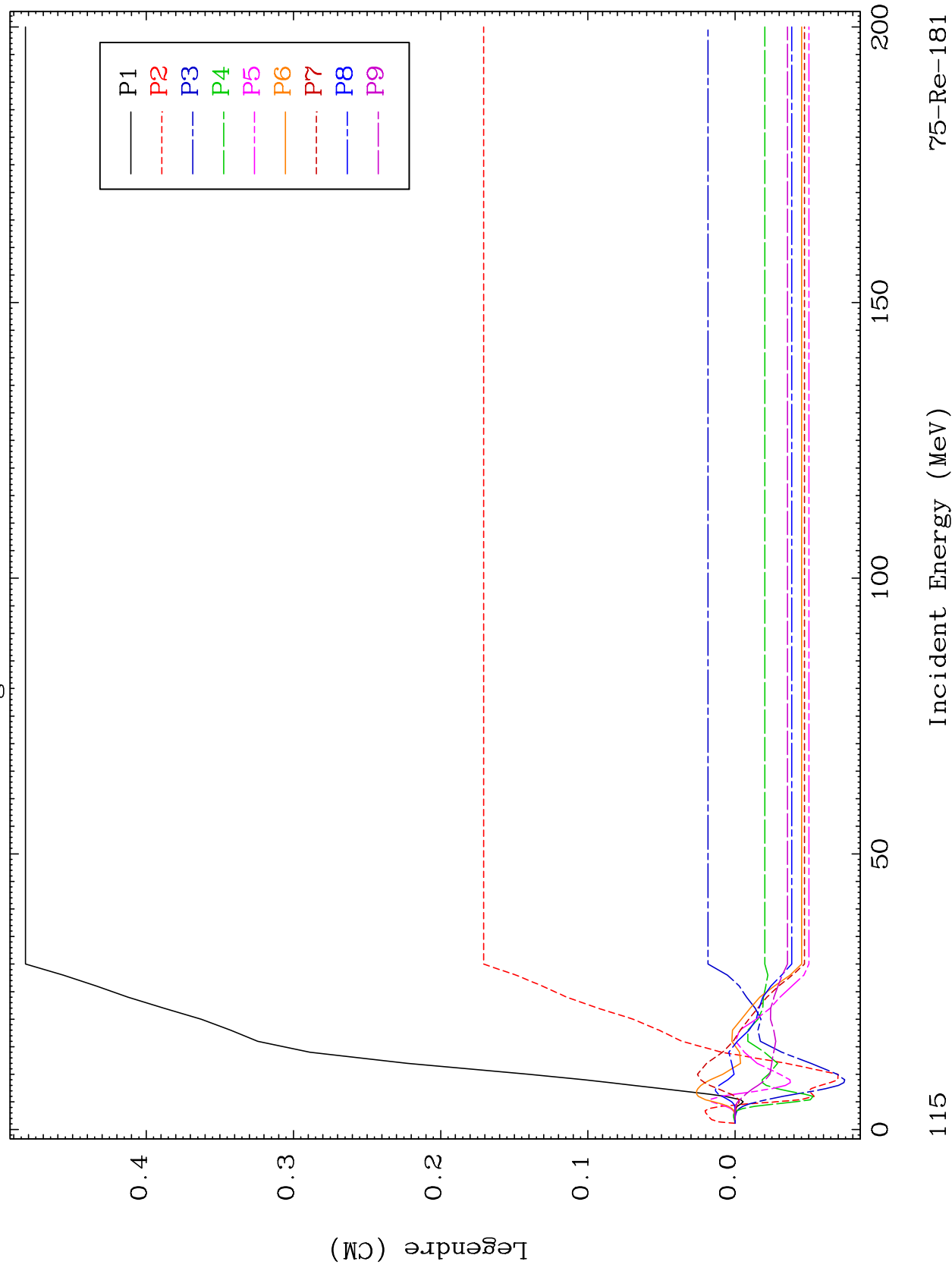
75-Re-181



MAT 7513

MT= 75 (n, n') Level
Legendre Coefficients

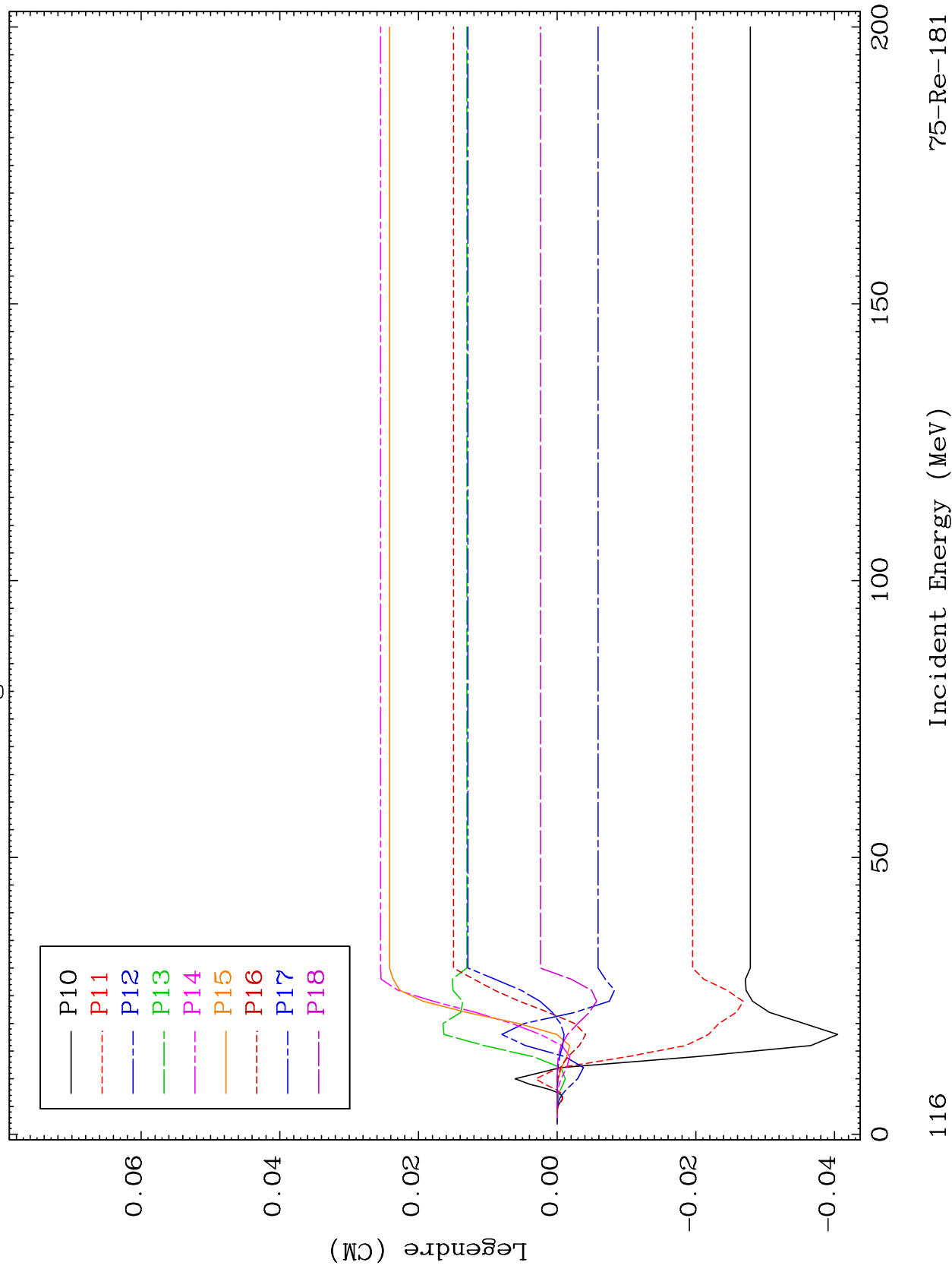
75-Re-181

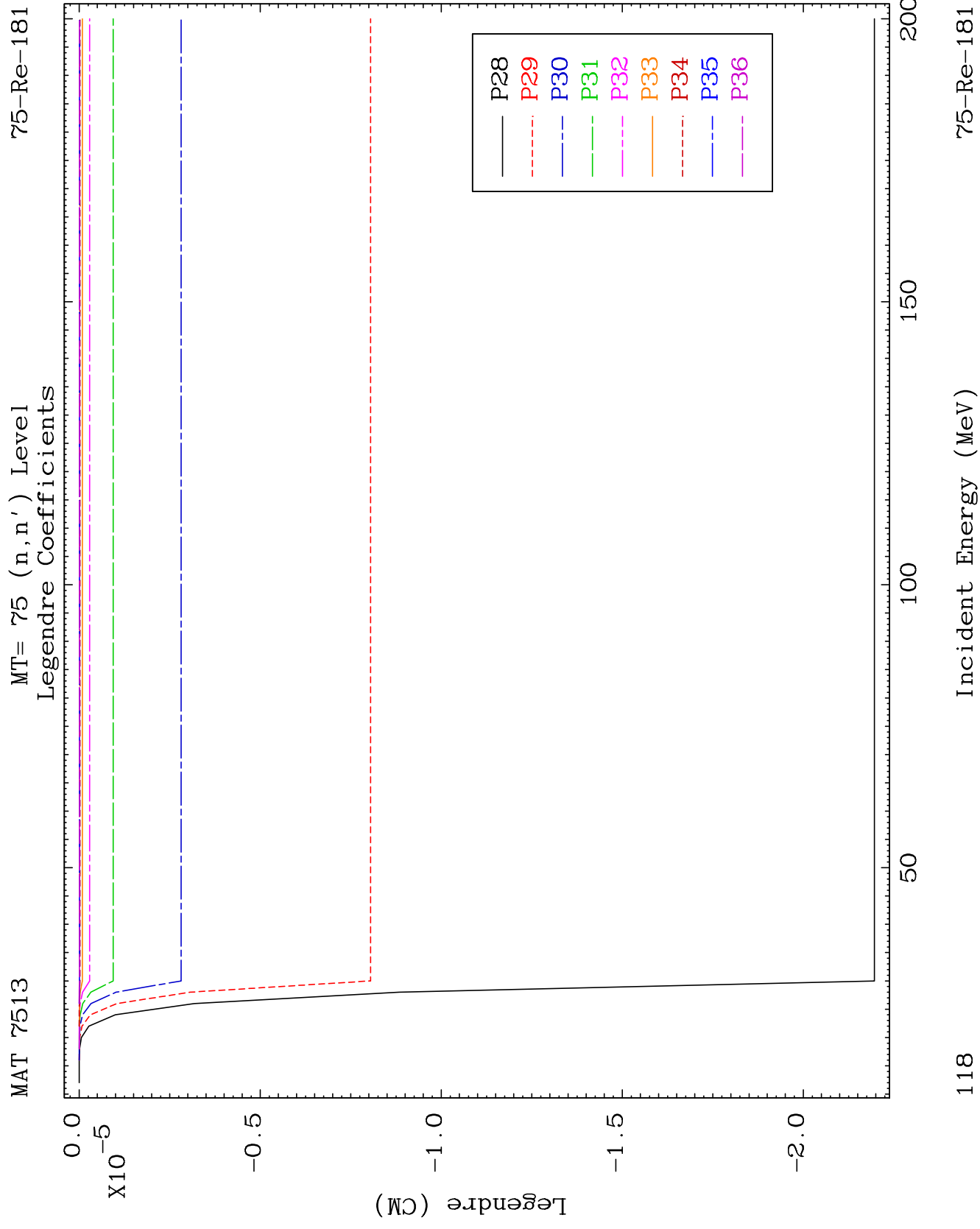


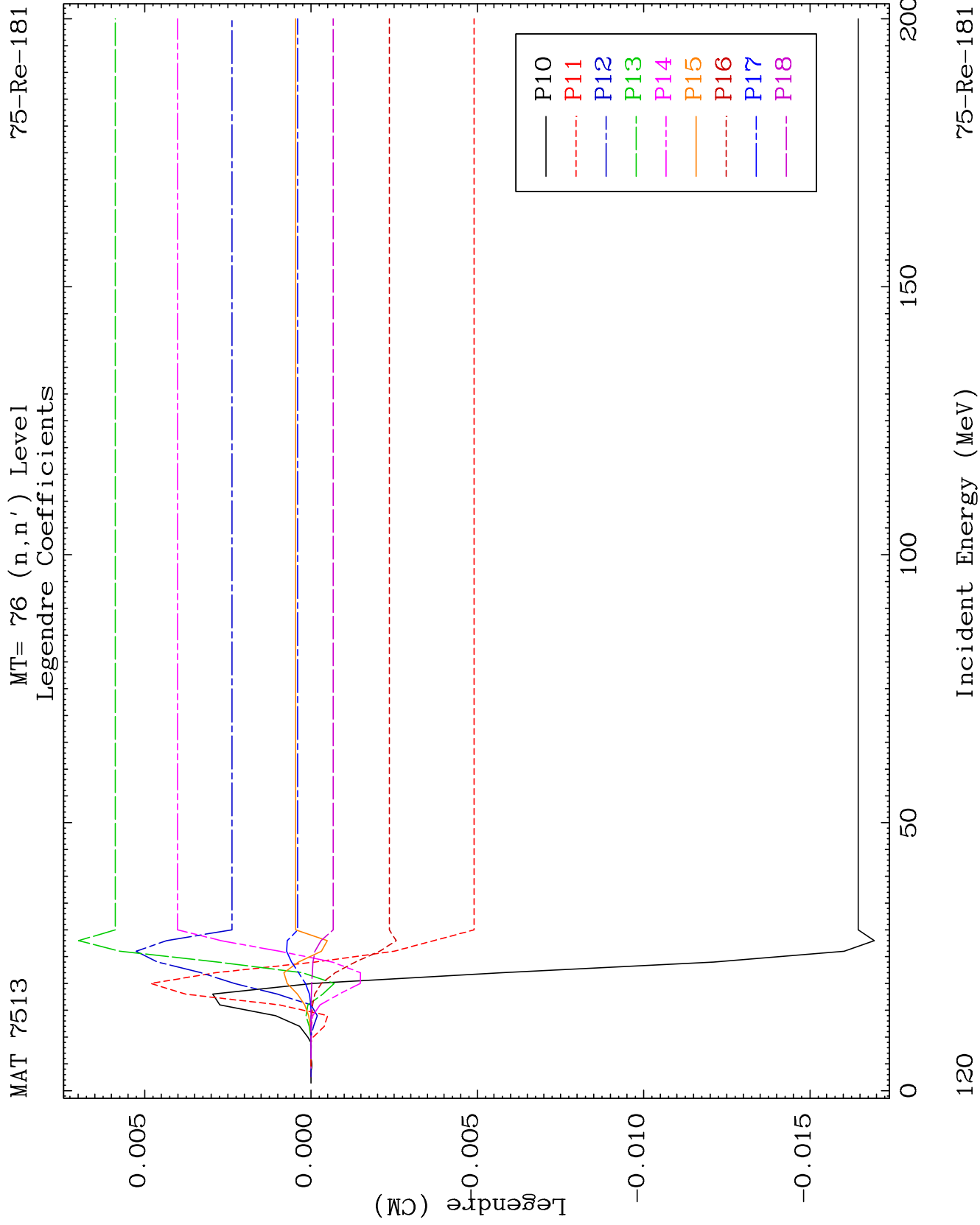
MAT 7513

MT= 75 (n, n') Level
Legendre Coefficients

75-Re-181



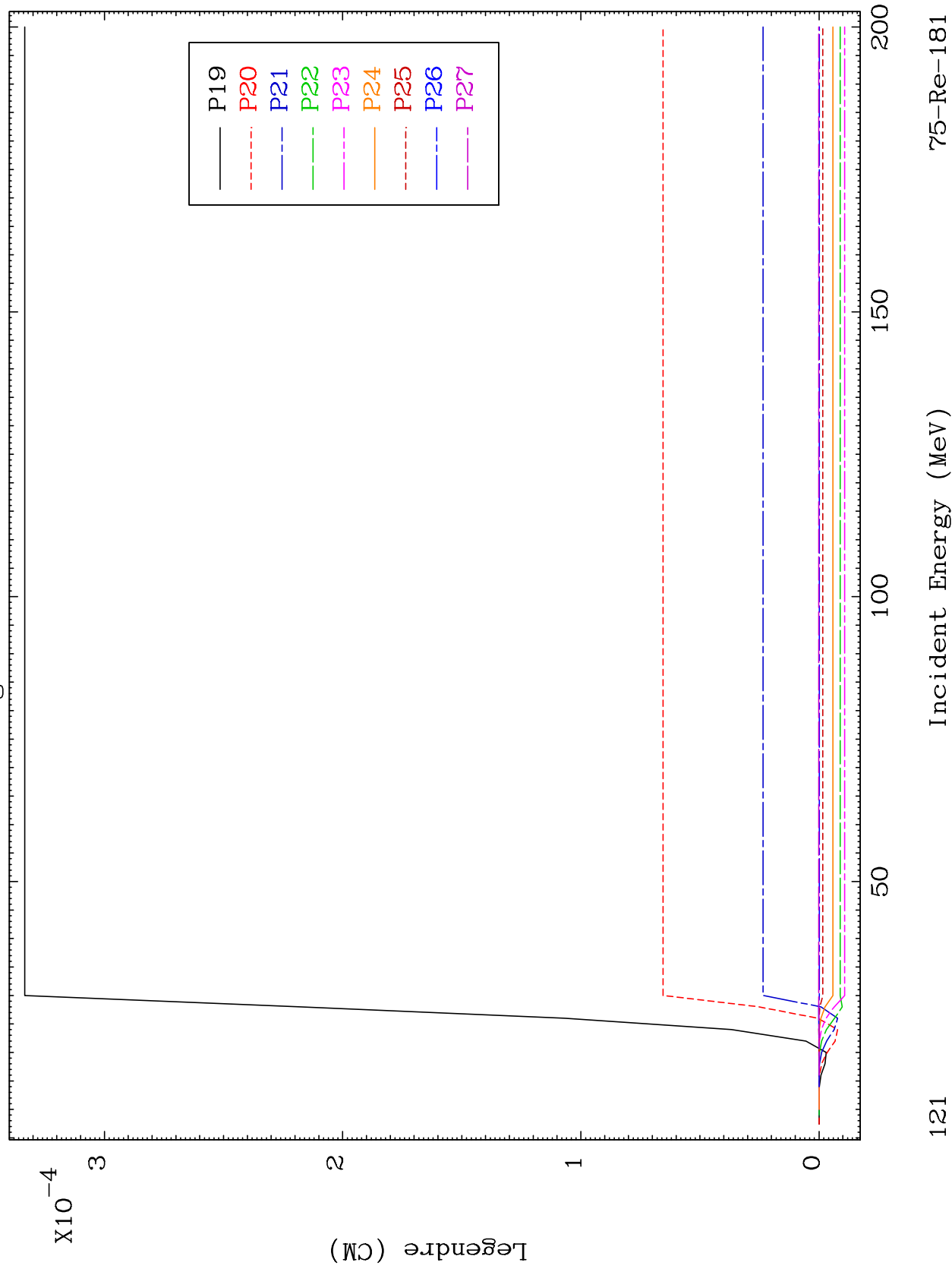




MAT 7513

MT= 76 (n, n') Level
Legendre Coefficients

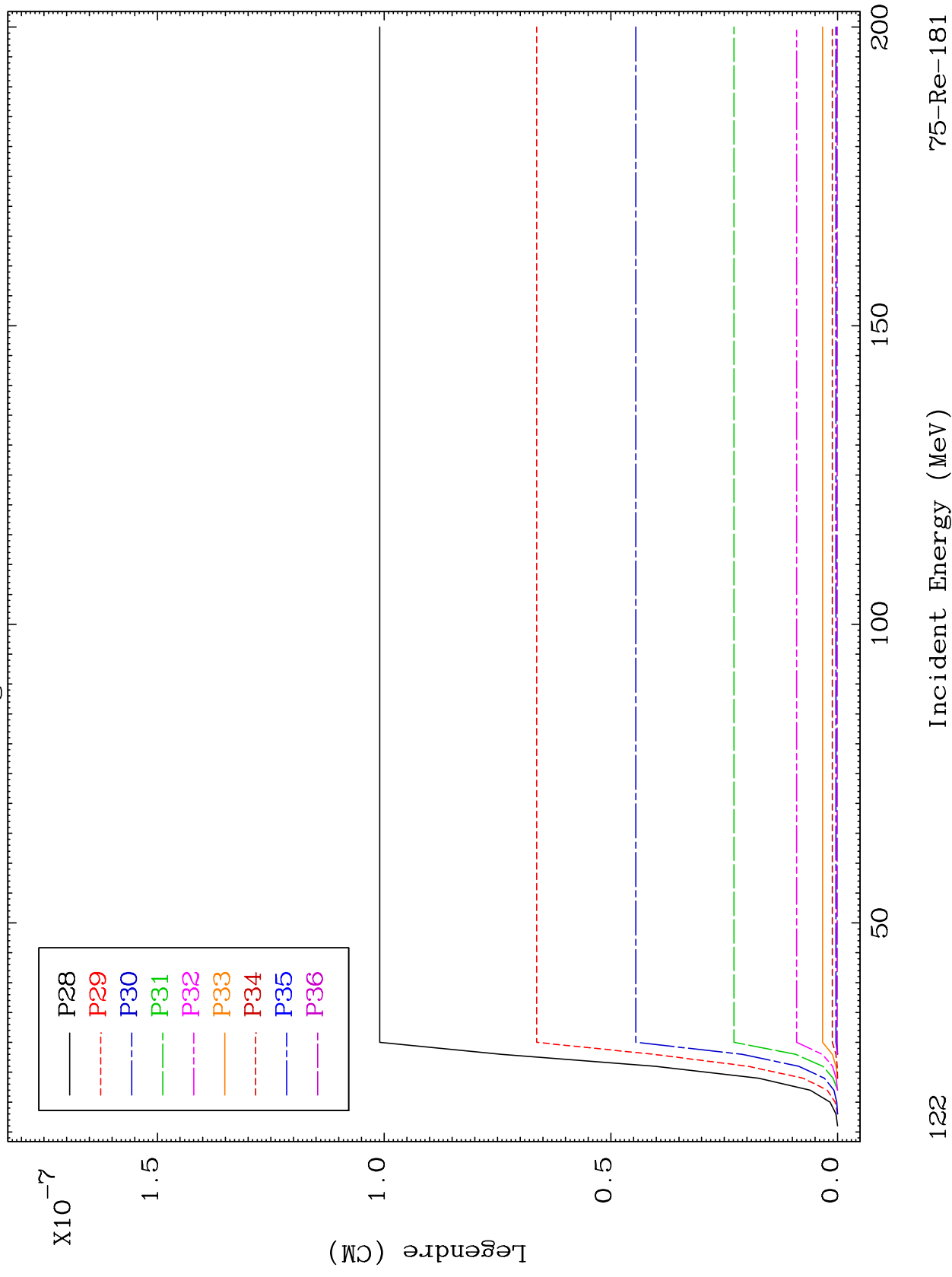
75-Re-181

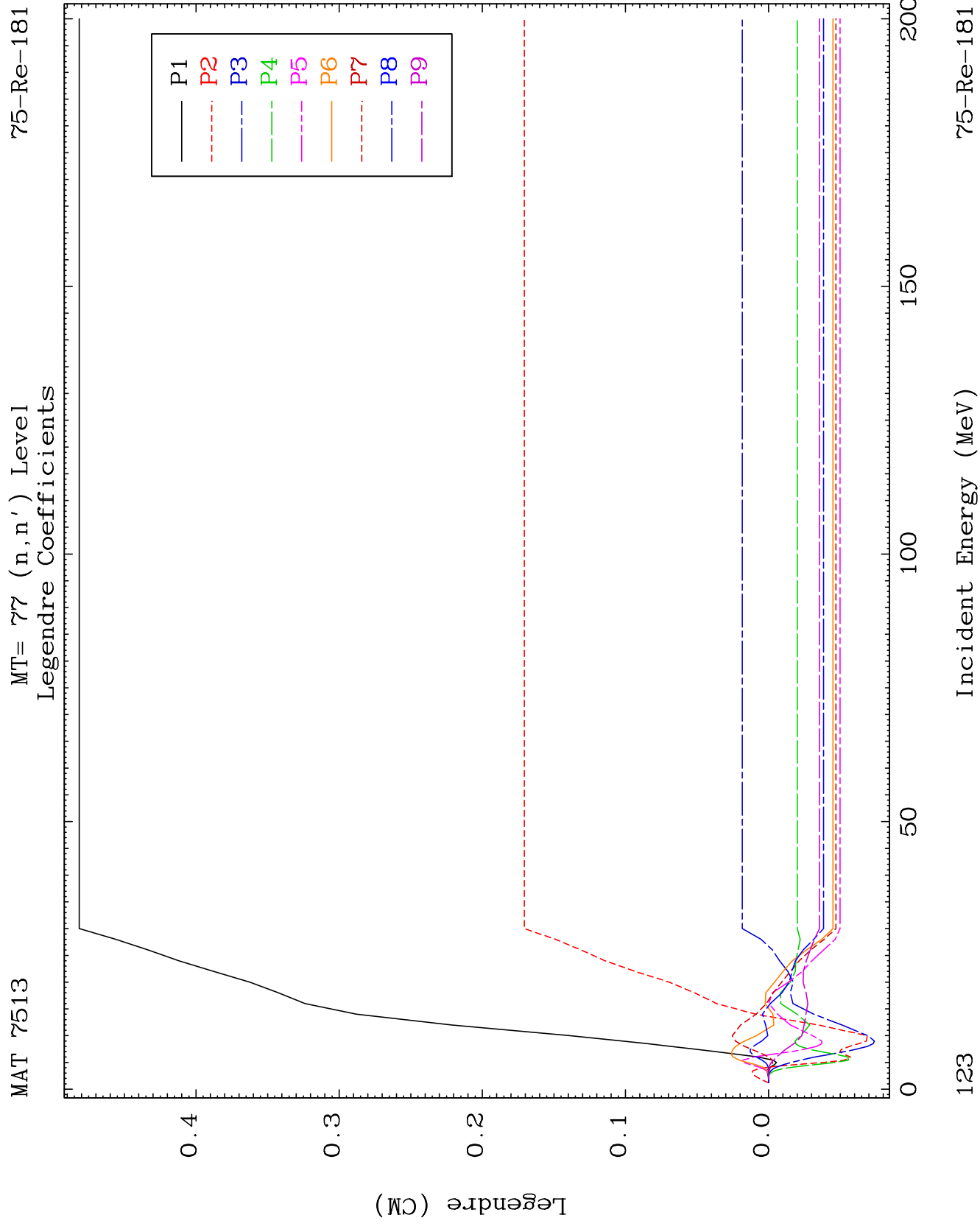


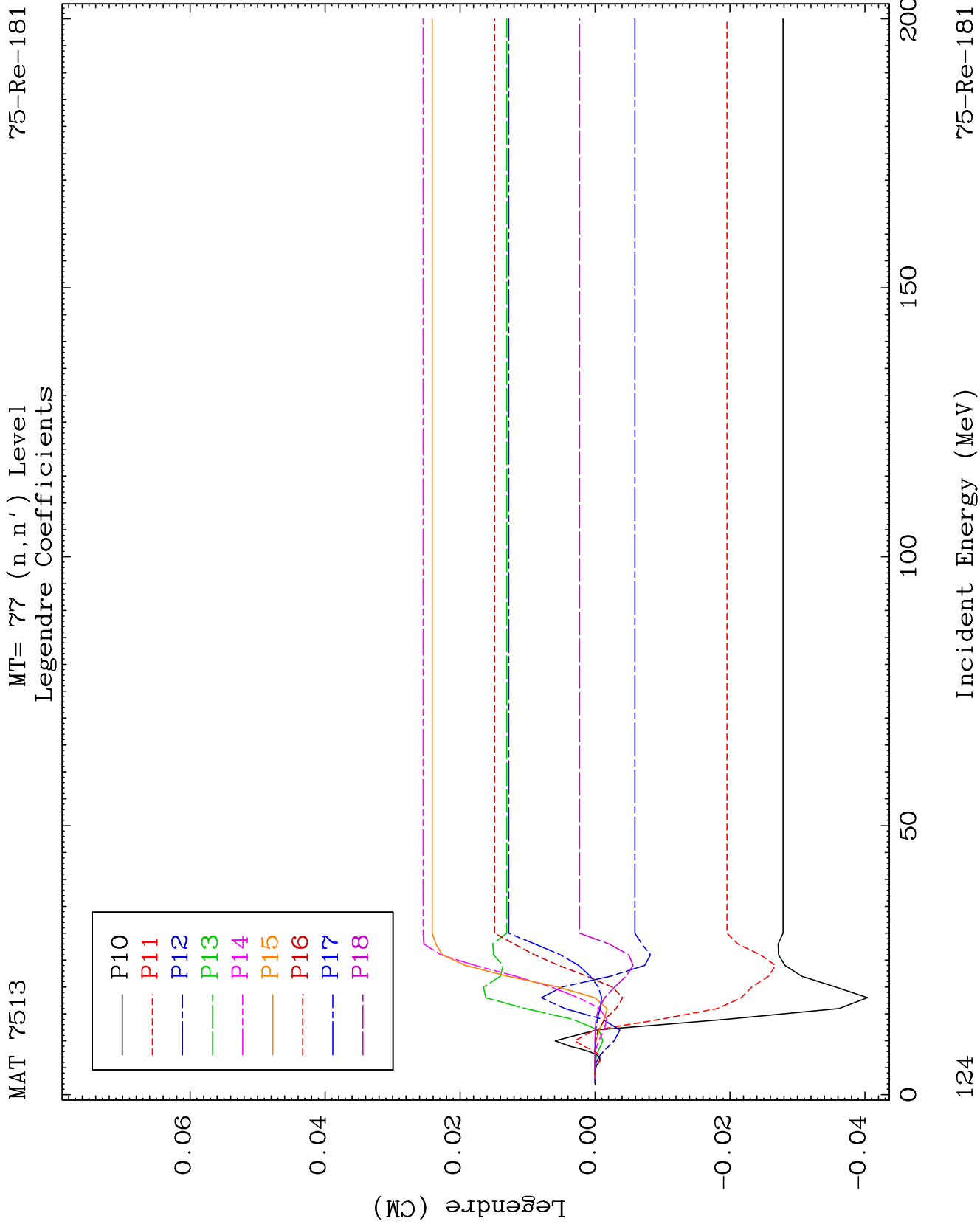
MAT 7513

MT= 76 (n, n') Level
Legendre Coefficients

75-Re-181



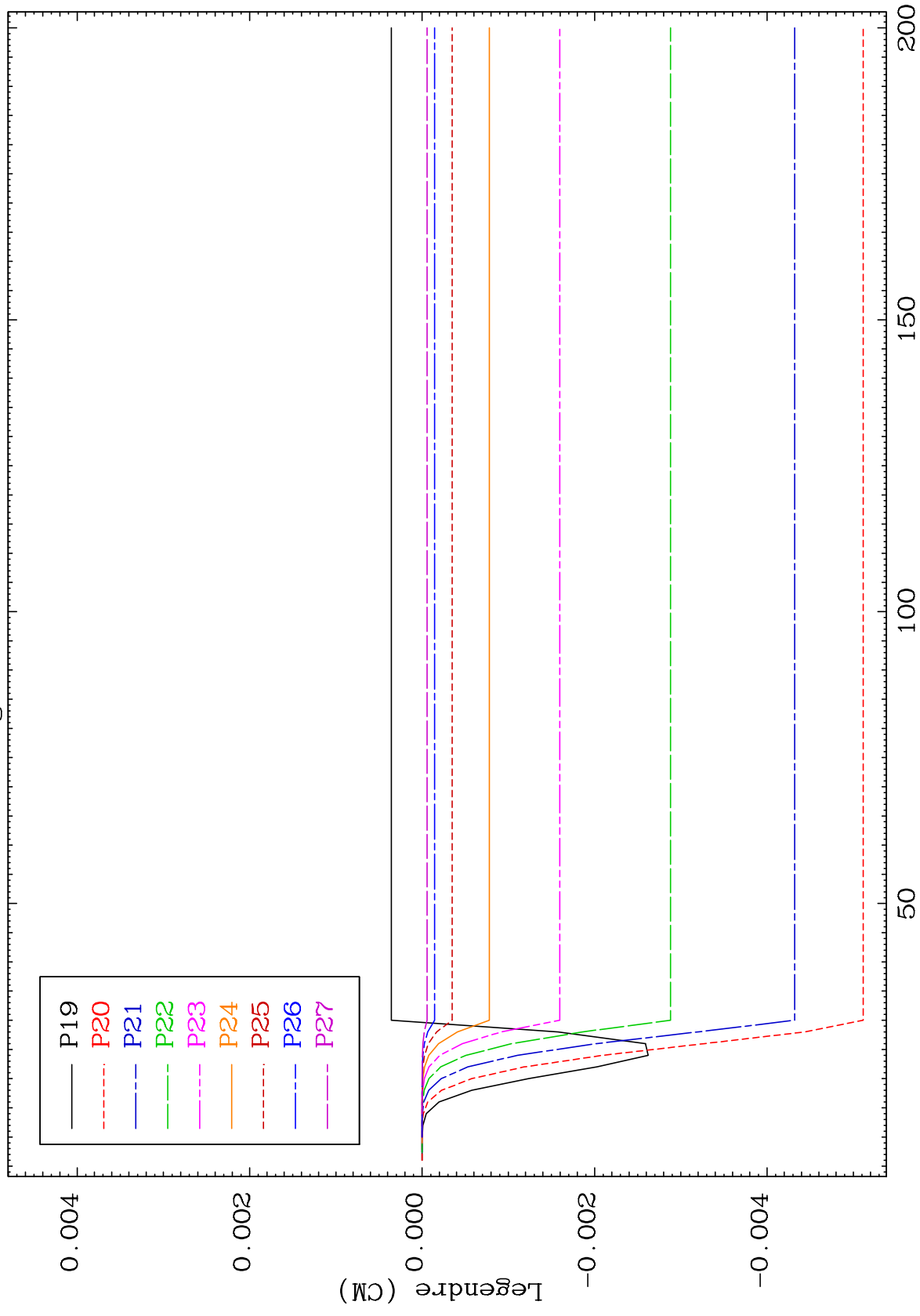


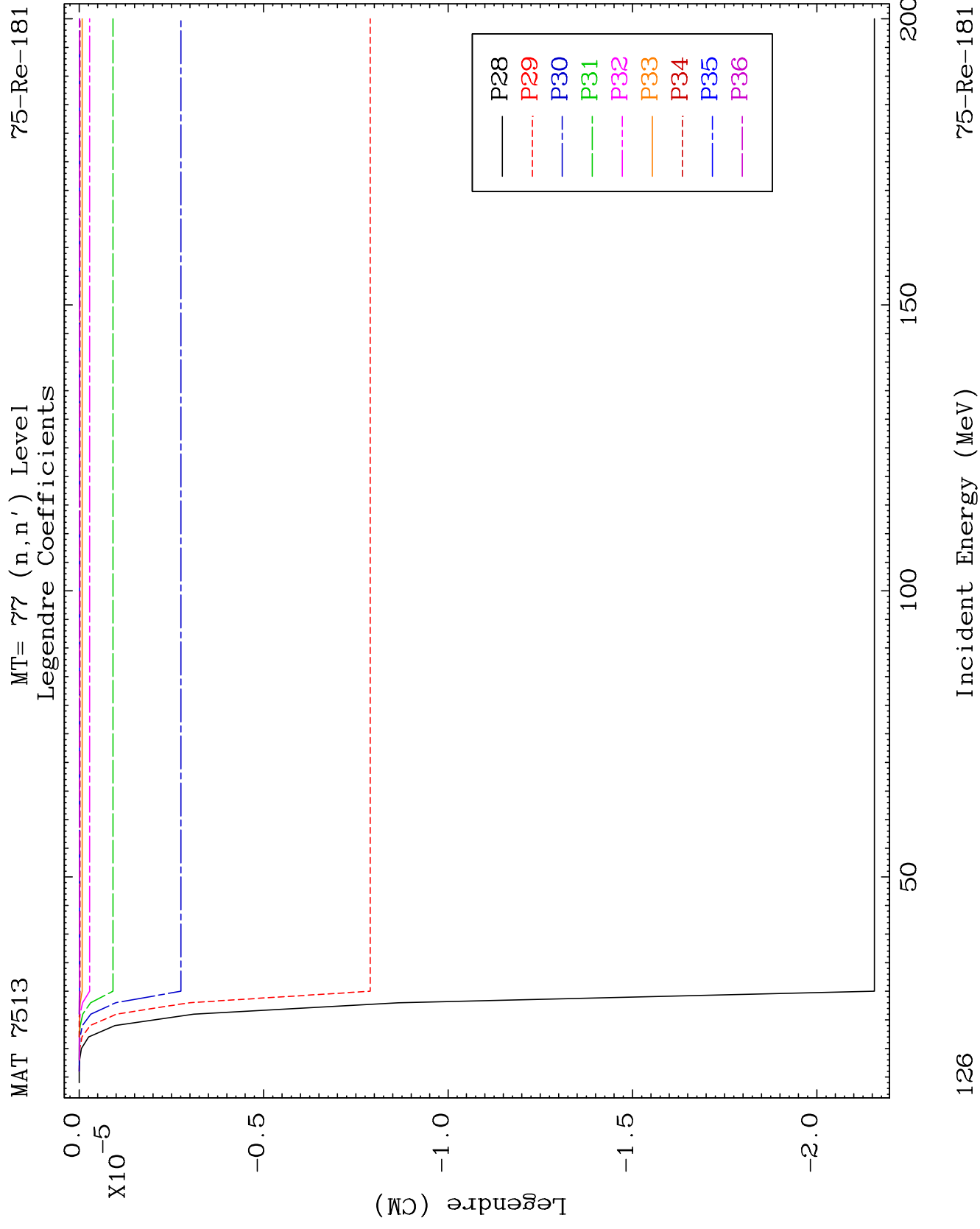


MAT 7513

MT= 77 (n, n') Level
Legendre Coefficients

75-Re-181



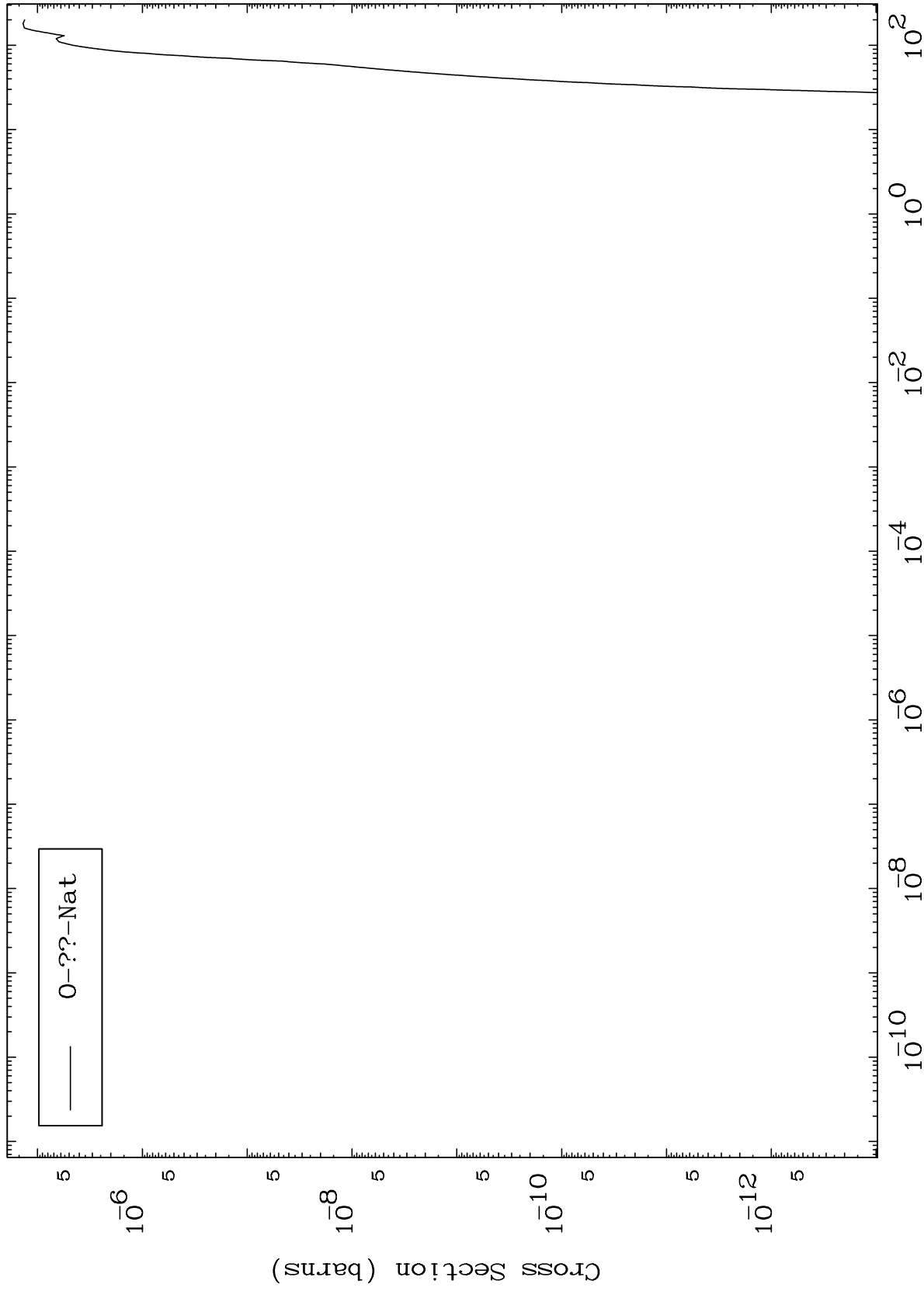


MAT 7513

Fission

⁷⁵Re-¹⁸¹

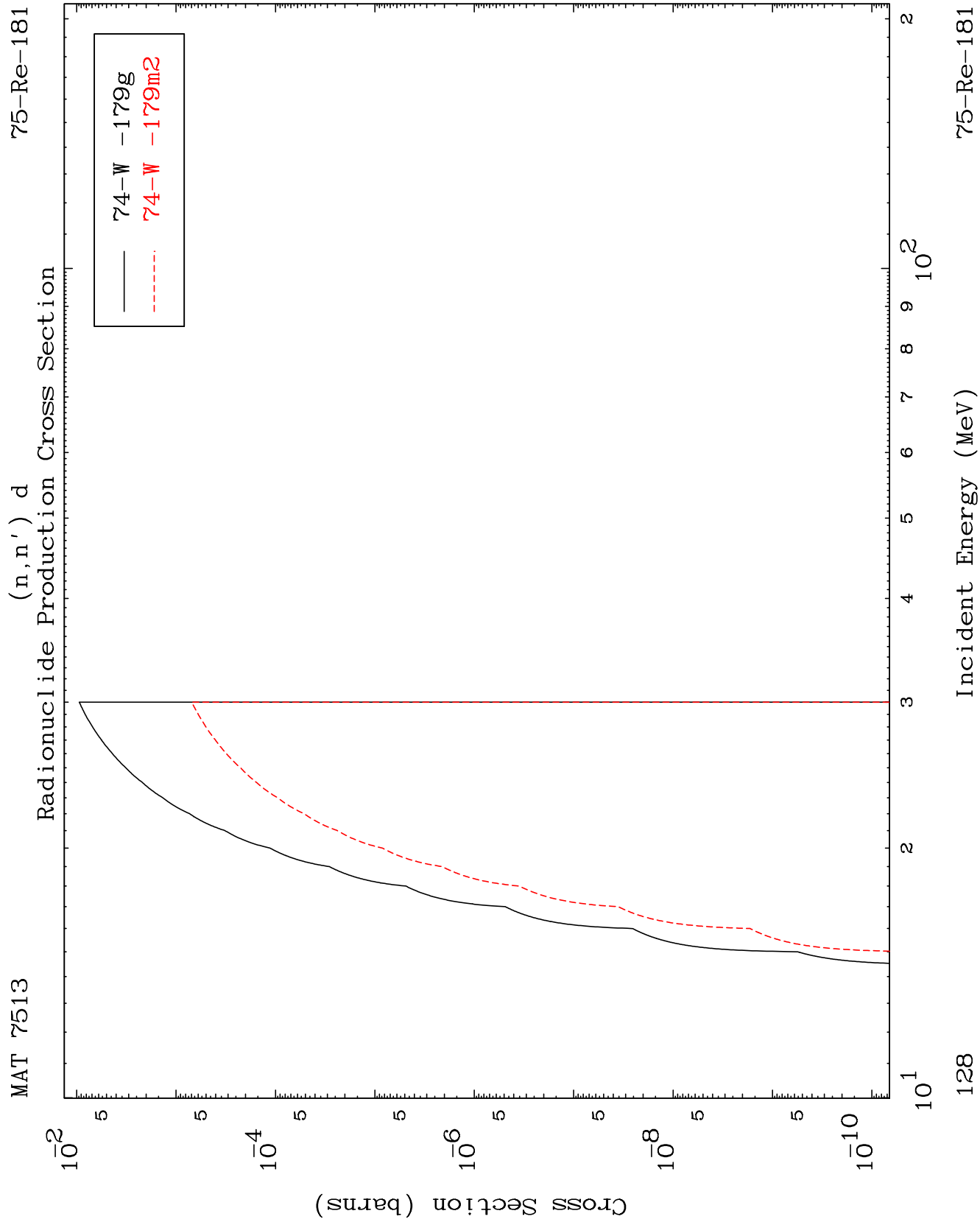
Radionuclide Production Cross Section



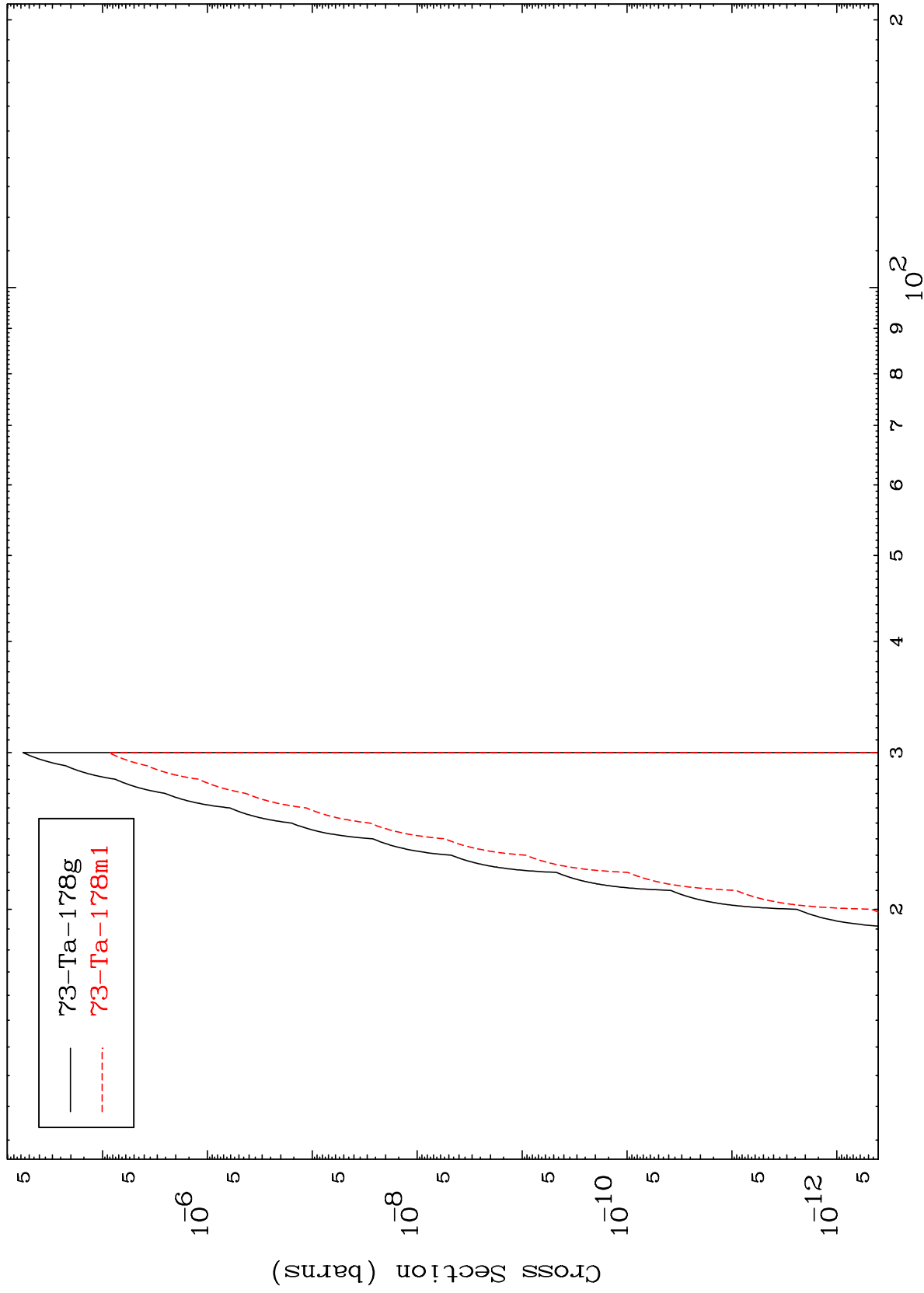
127

Incident Energy (MeV)

⁷⁵Re-¹⁸¹



Radionuclide Production Cross Section

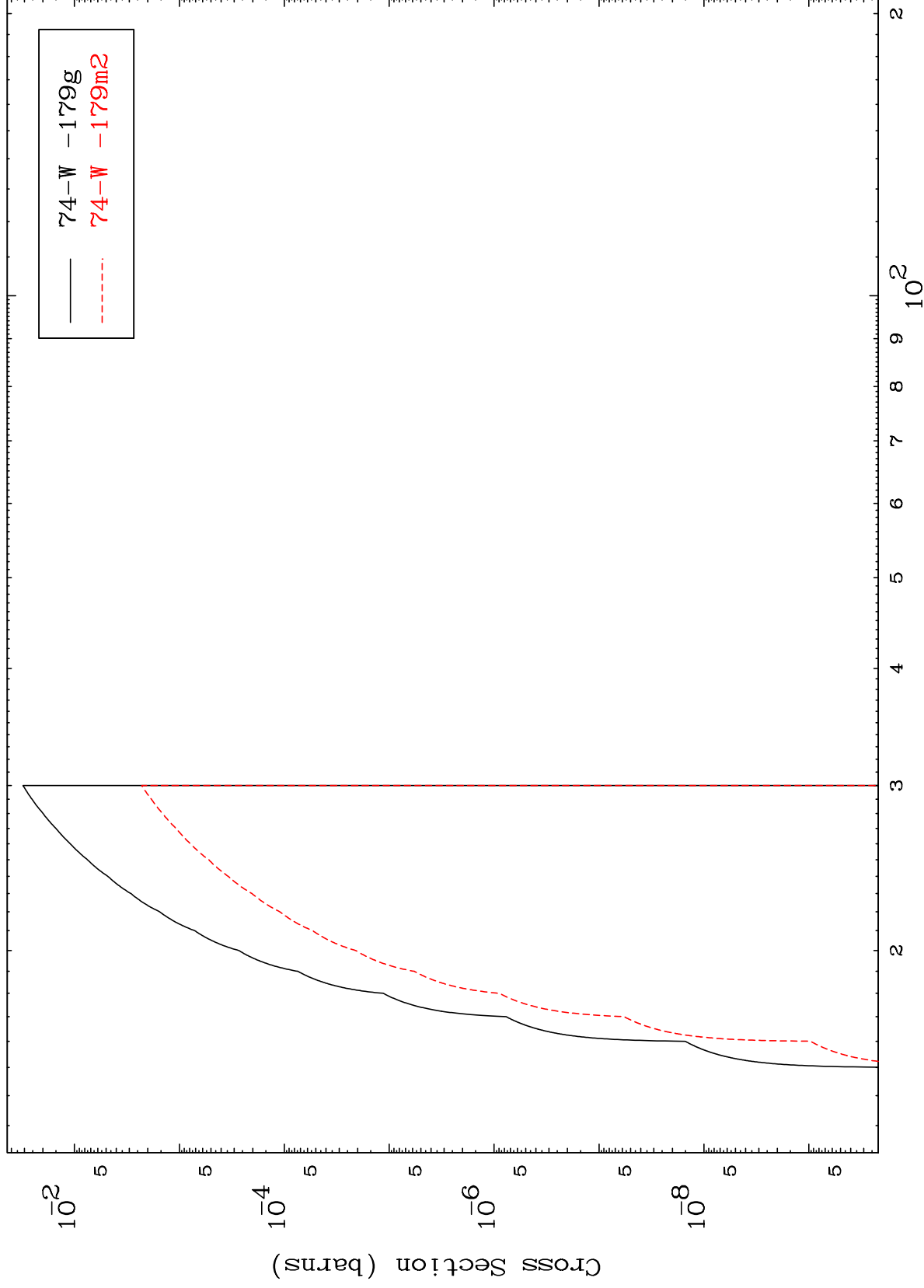


MAT 7513

(n,2n) p

75-Re-181

Radionuclide Production Cross Section



130

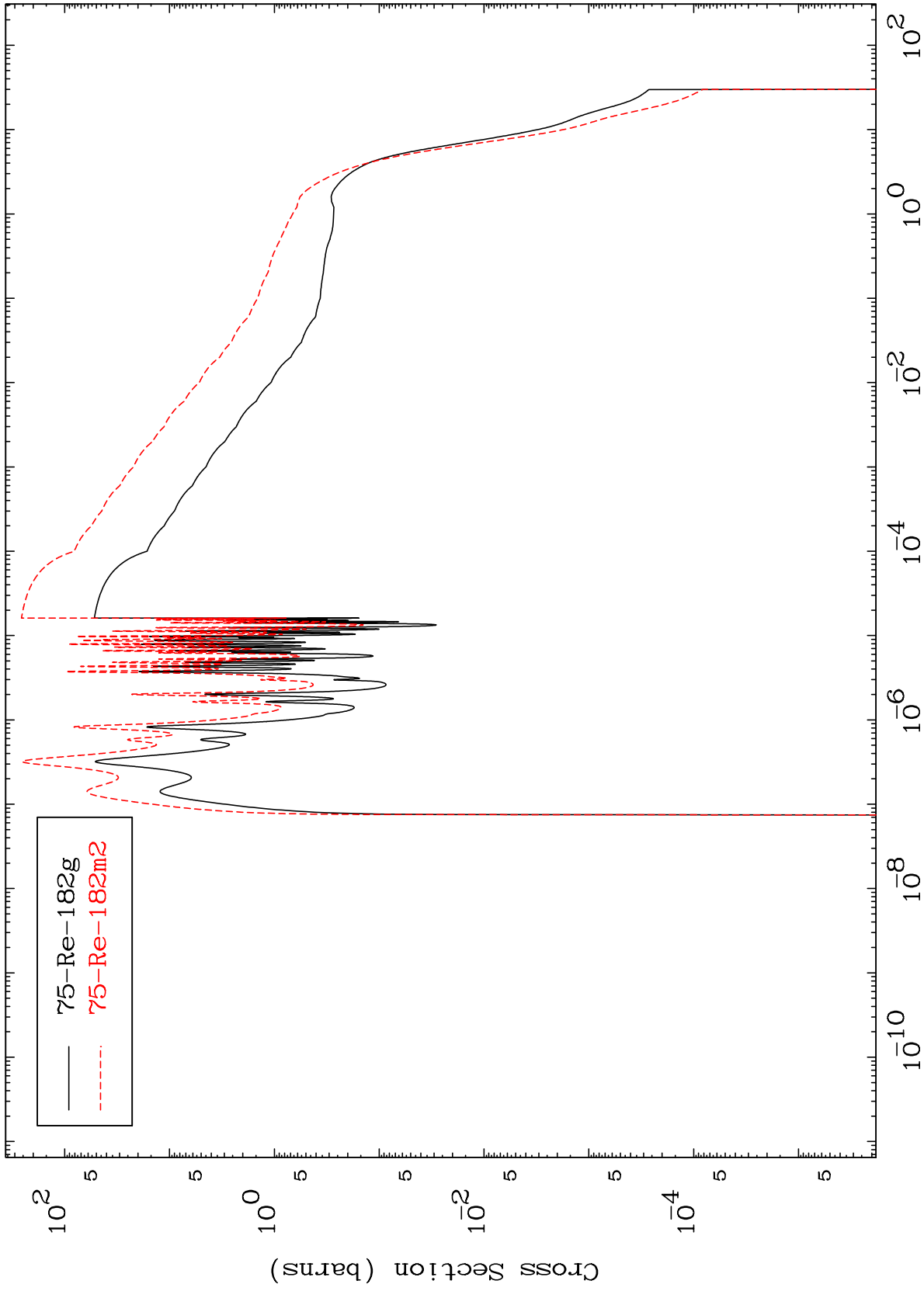
Incident Energy (MeV)

75-Re-181

MAT 7513

75-Re-181

Radionuclide Production Cross Section

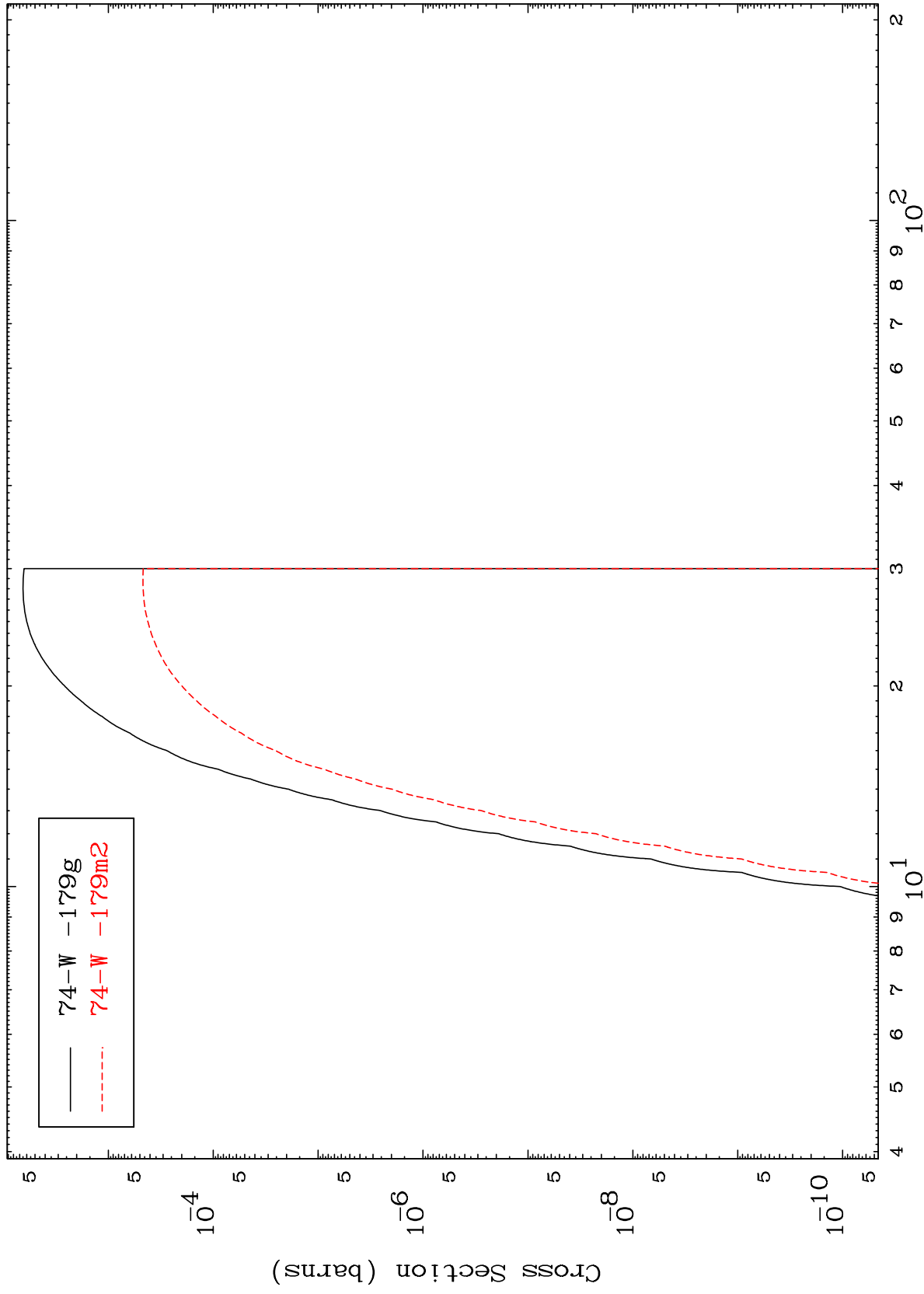


131

Incident Energy (MeV)

75-Re-181

Radionuclide Production Cross Section (n,t)

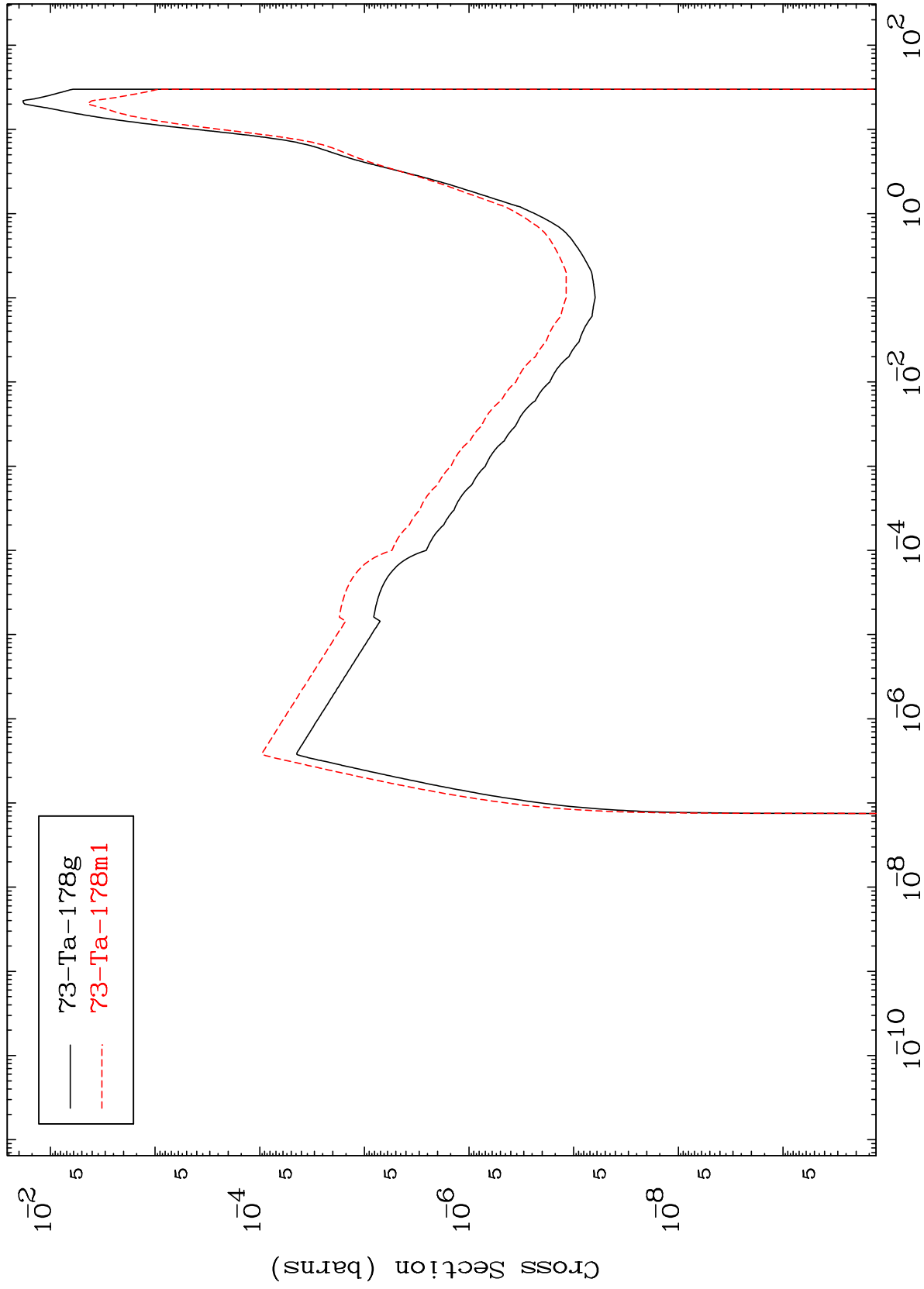


MAT 7513

(n,α)

75-Re-181

Radionuclide Production Cross Section



133

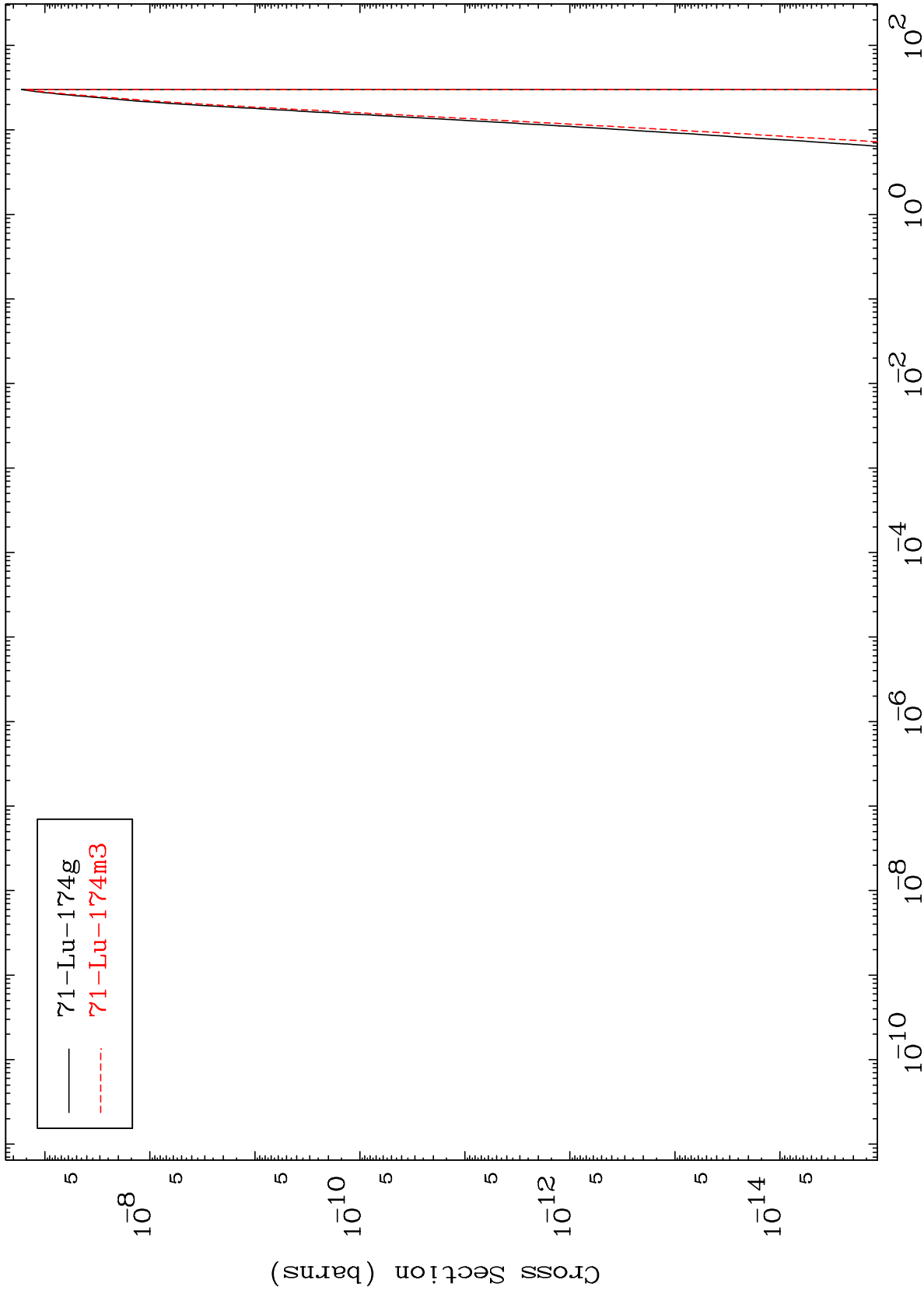
Incident Energy (MeV)

75-Re-181

MAT 7513

Radionuclide Production Cross Section
(n,2α)

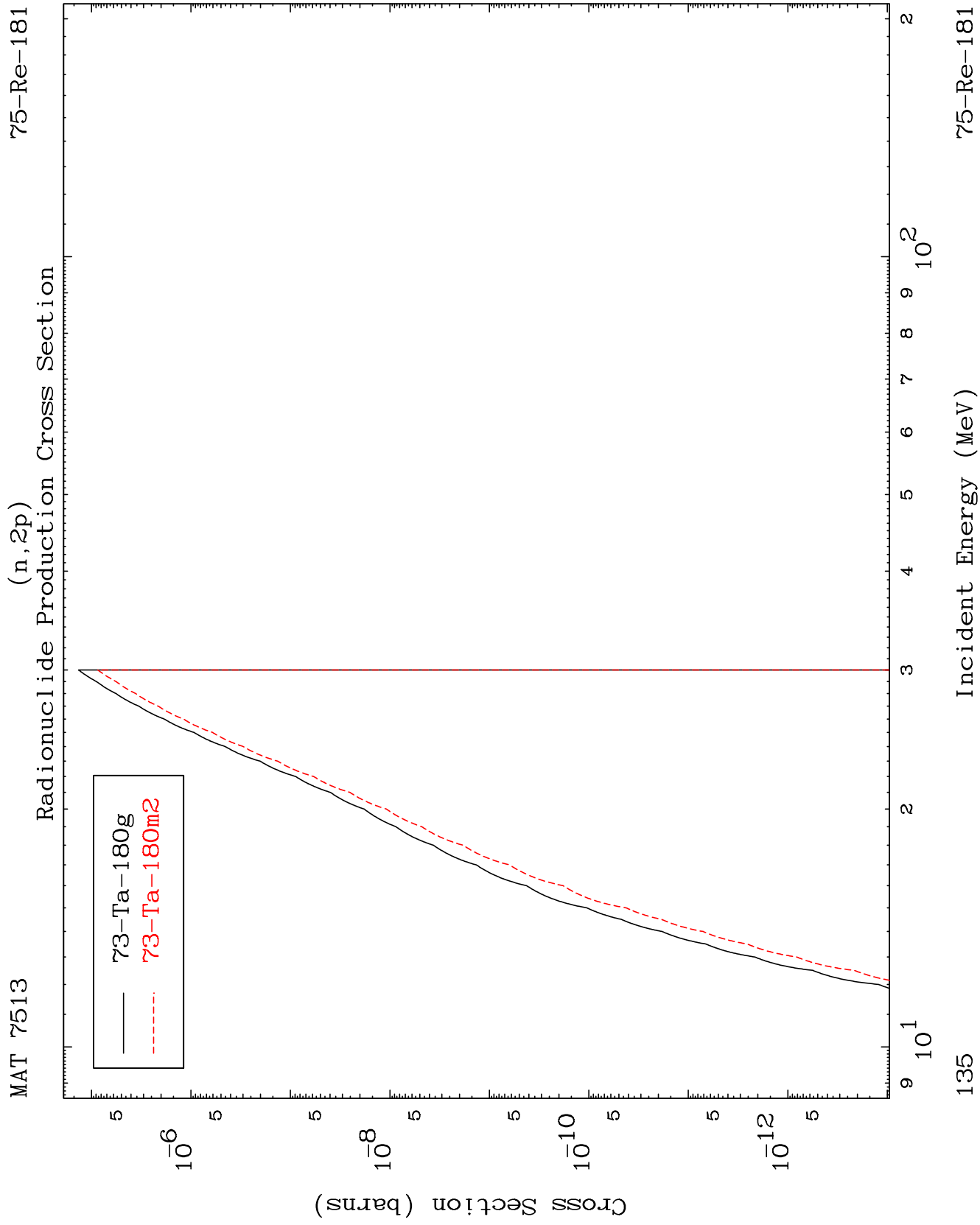
⁷⁵Re-¹⁸¹



134

Incident Energy (MeV)

⁷⁵Re-¹⁸¹

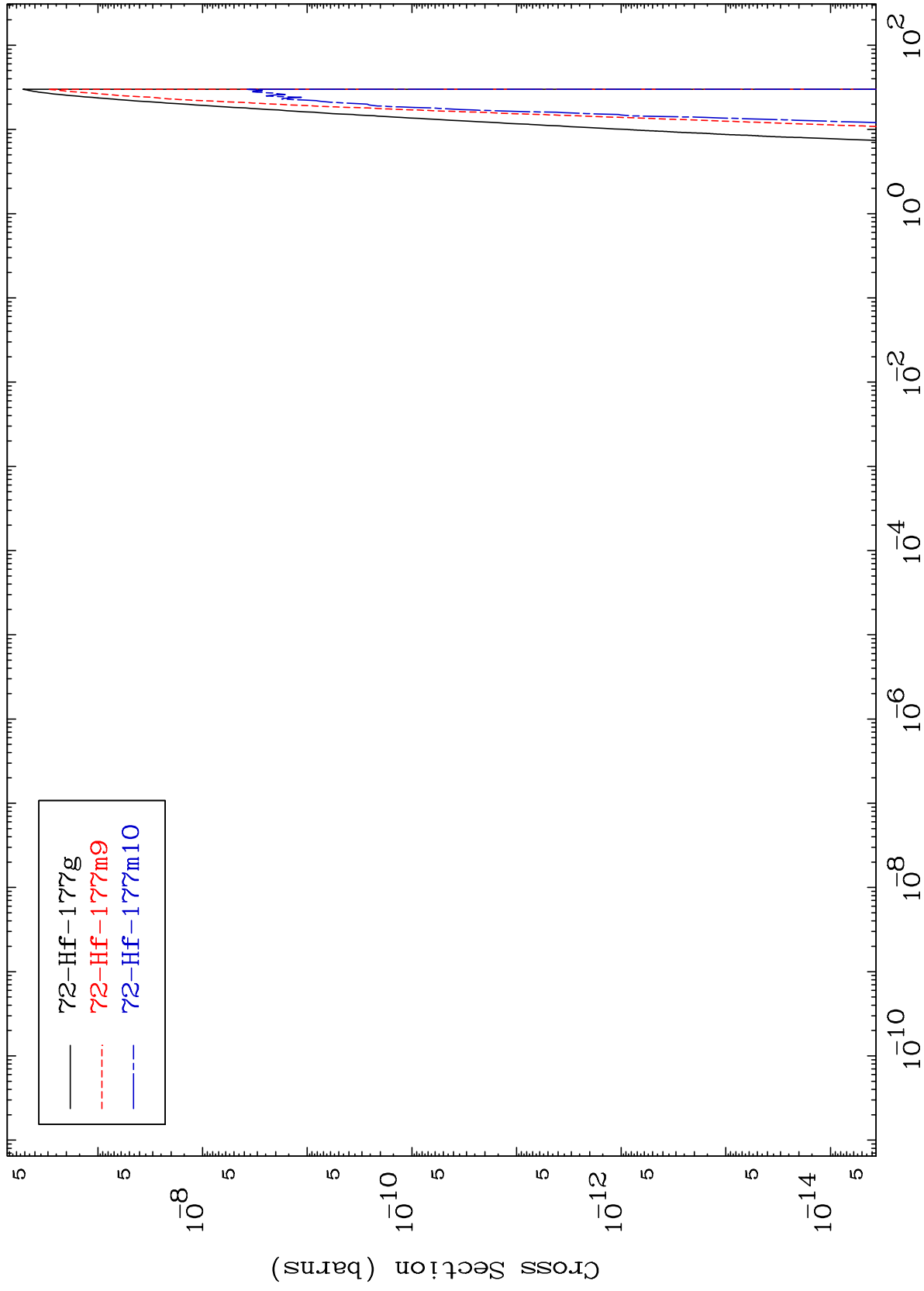


MAT 7513

(n,p) α

75-Re-181

Radionuclide Production Cross Section



136

Incident Energy (MeV)

75-Re-181

