

Program EVALPLOT
(Version 2015-2)

by

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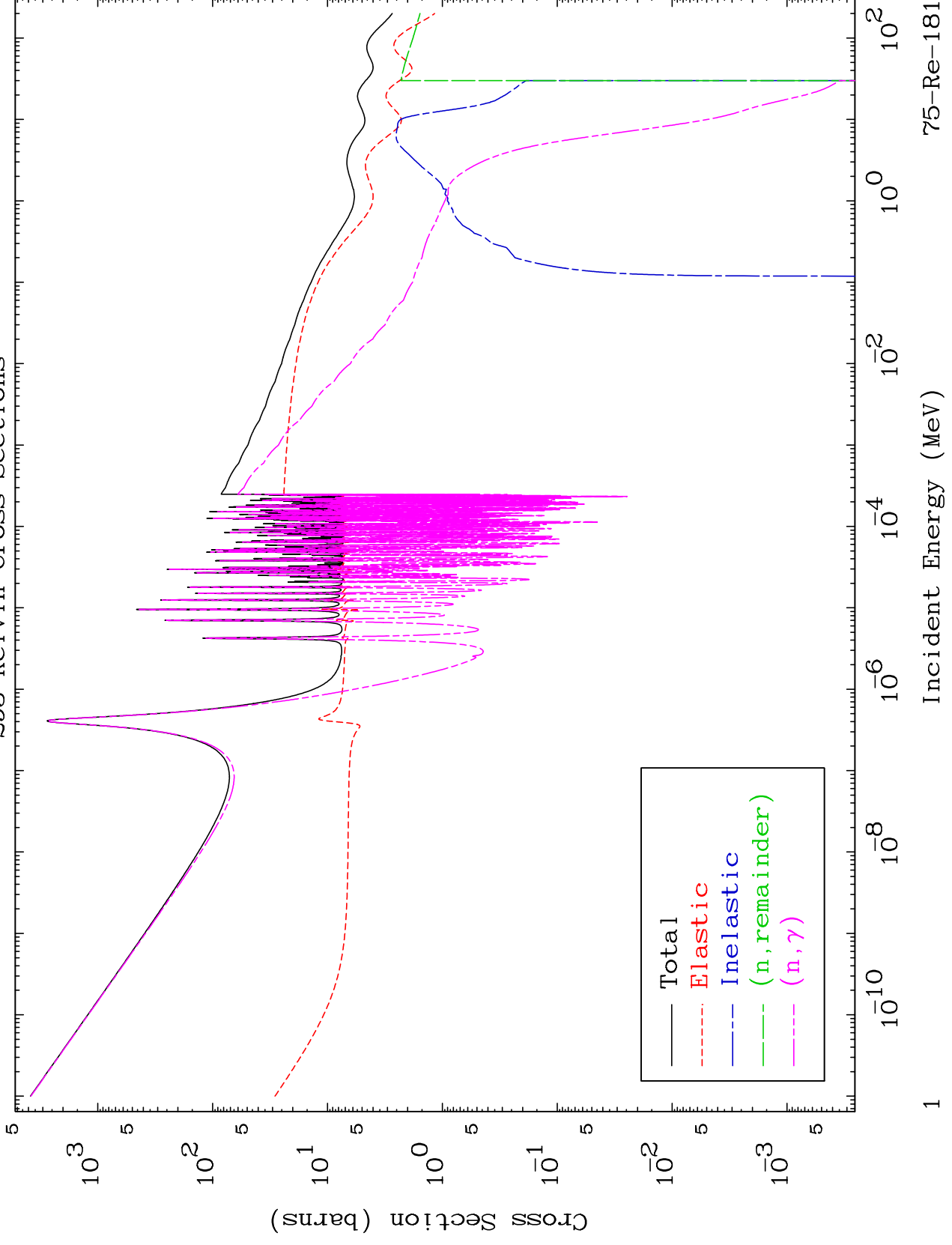
Press Mouse Button to Start

MAT 7513

Major

293 Kelvin Cross Sections

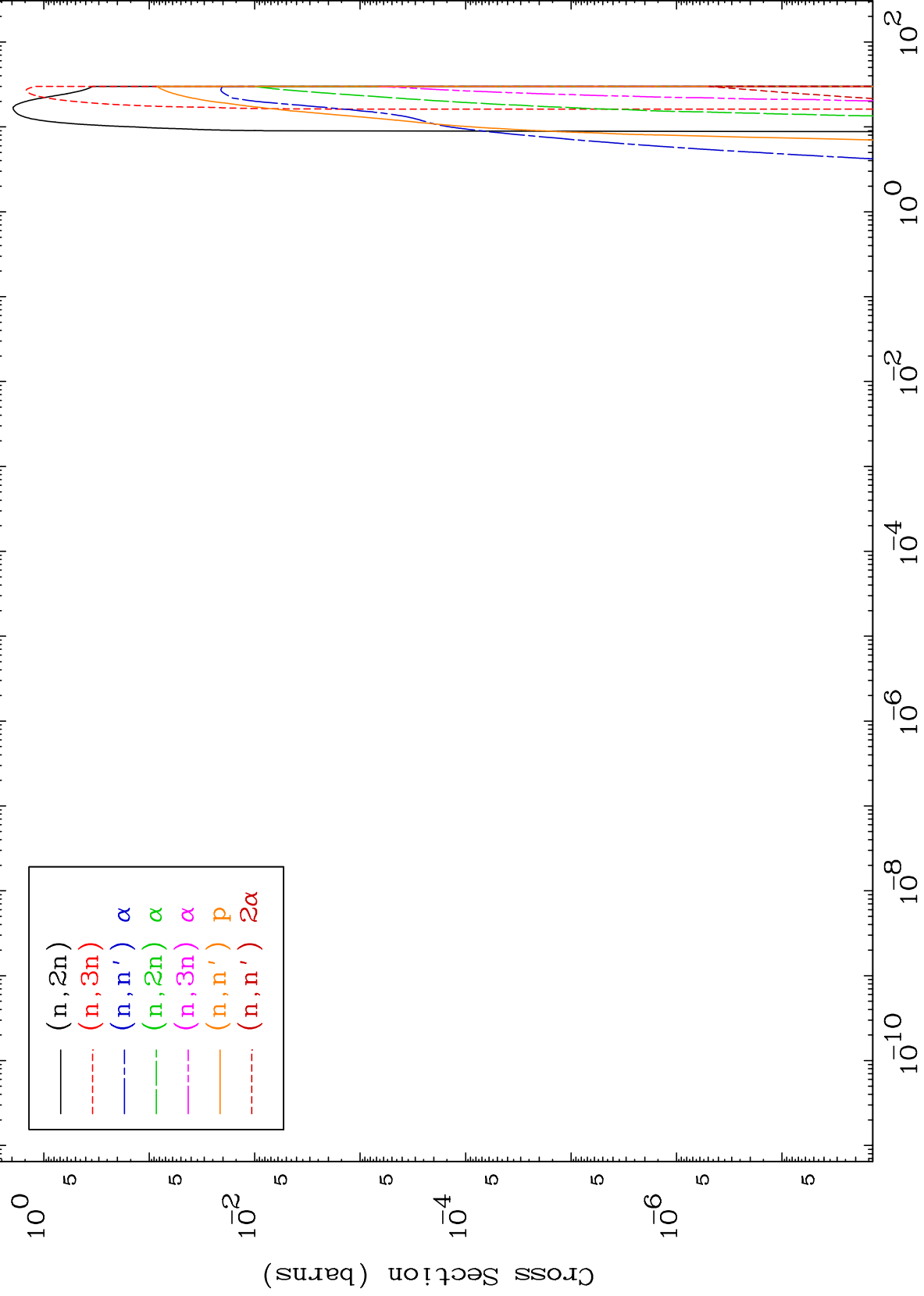
75-Re-181



MAT 7513

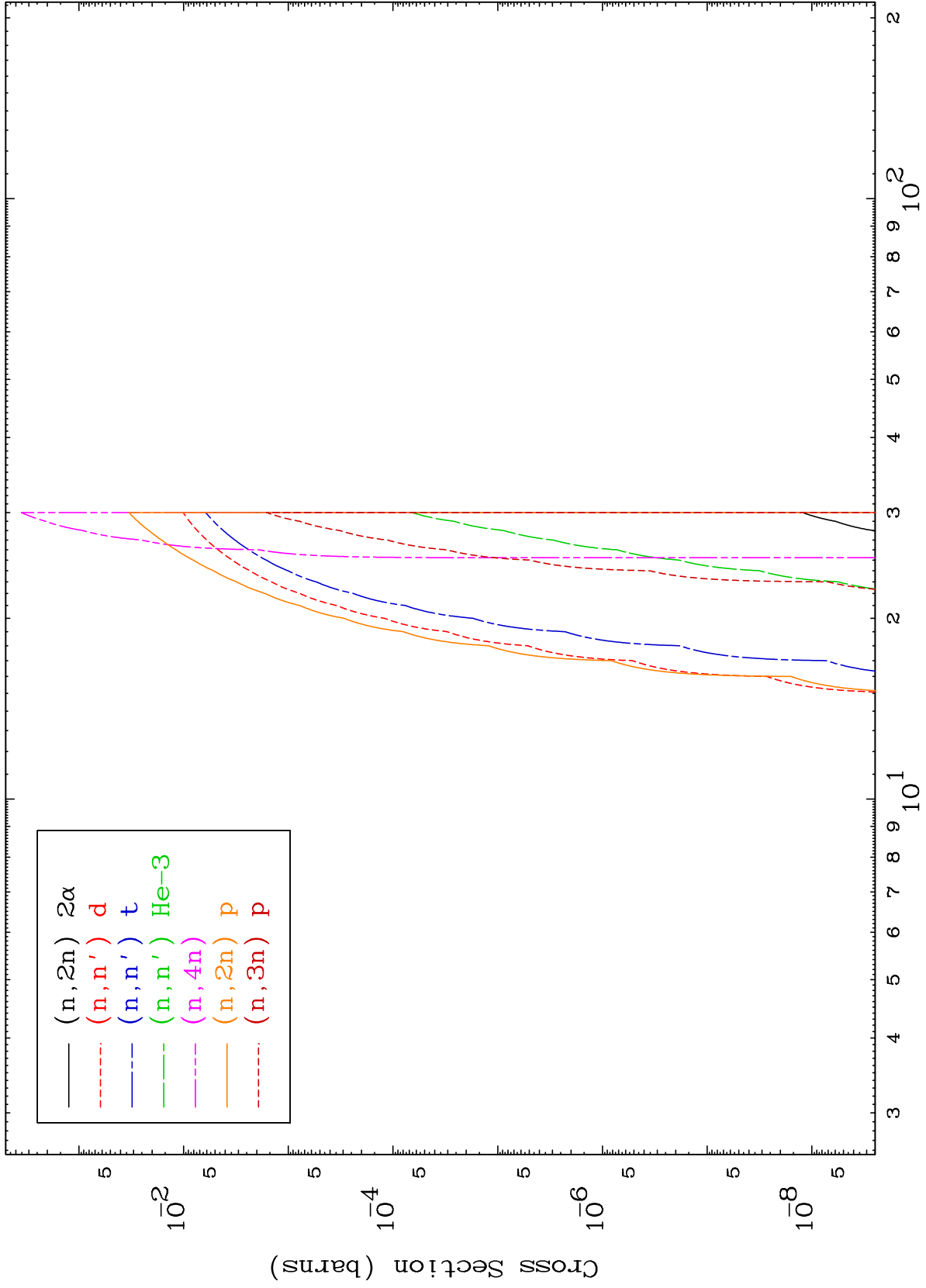
Neutron Production
293 Kelvin Cross Sections

75-Re-181



75-Re-181

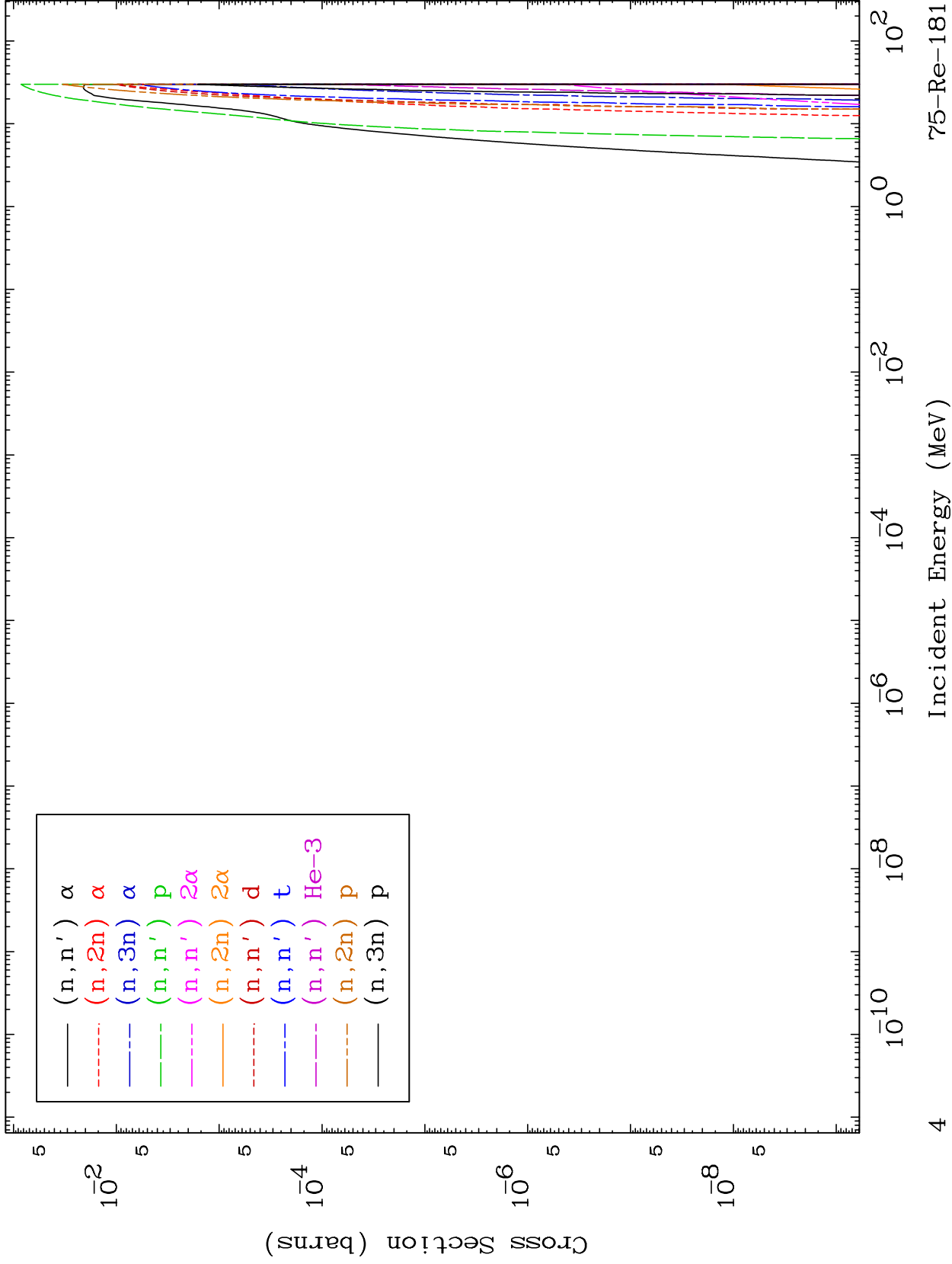
Incident Energy (MeV)



MAT 7513

Charged Particle
293 Kelvin Cross Sections

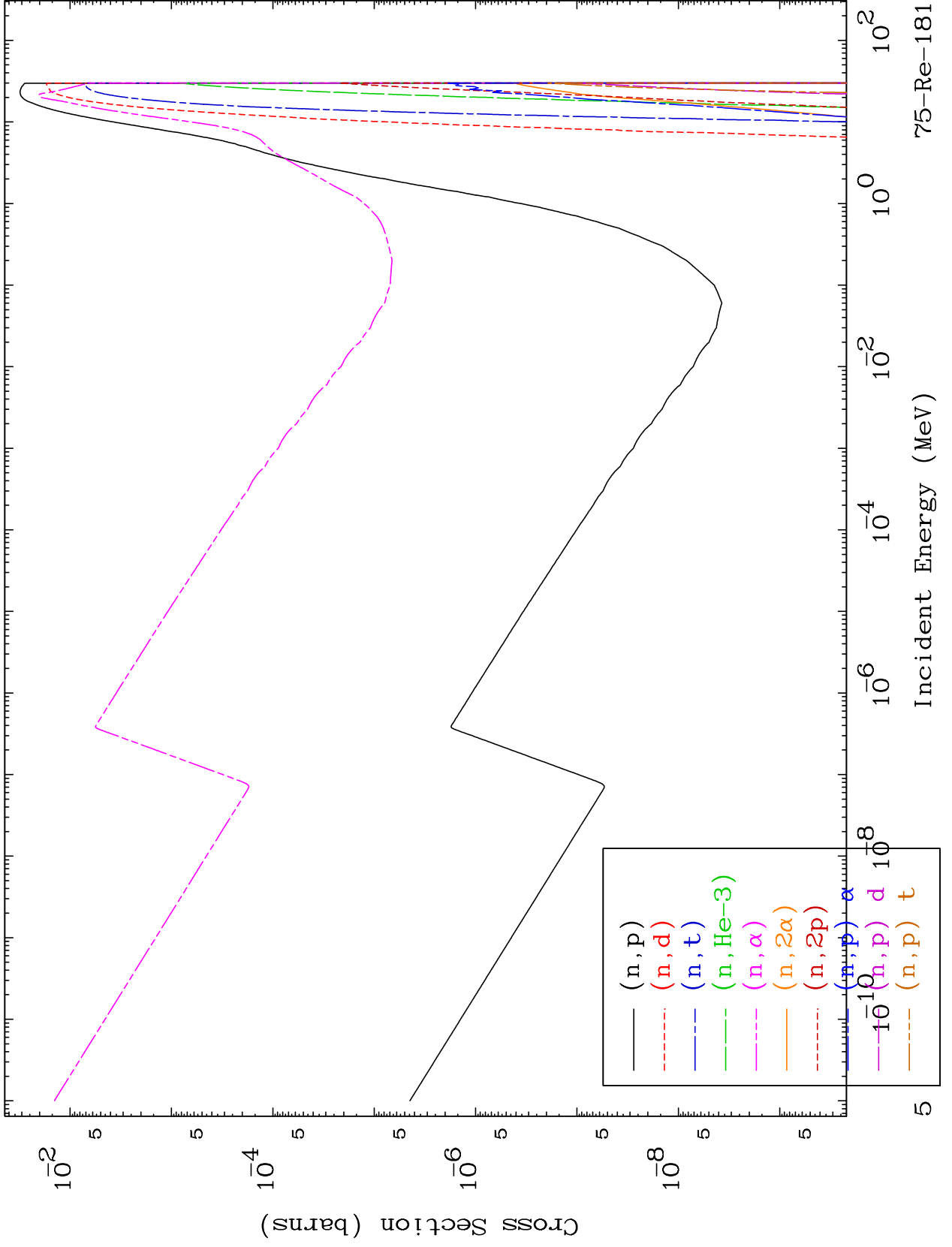
75-Re-181

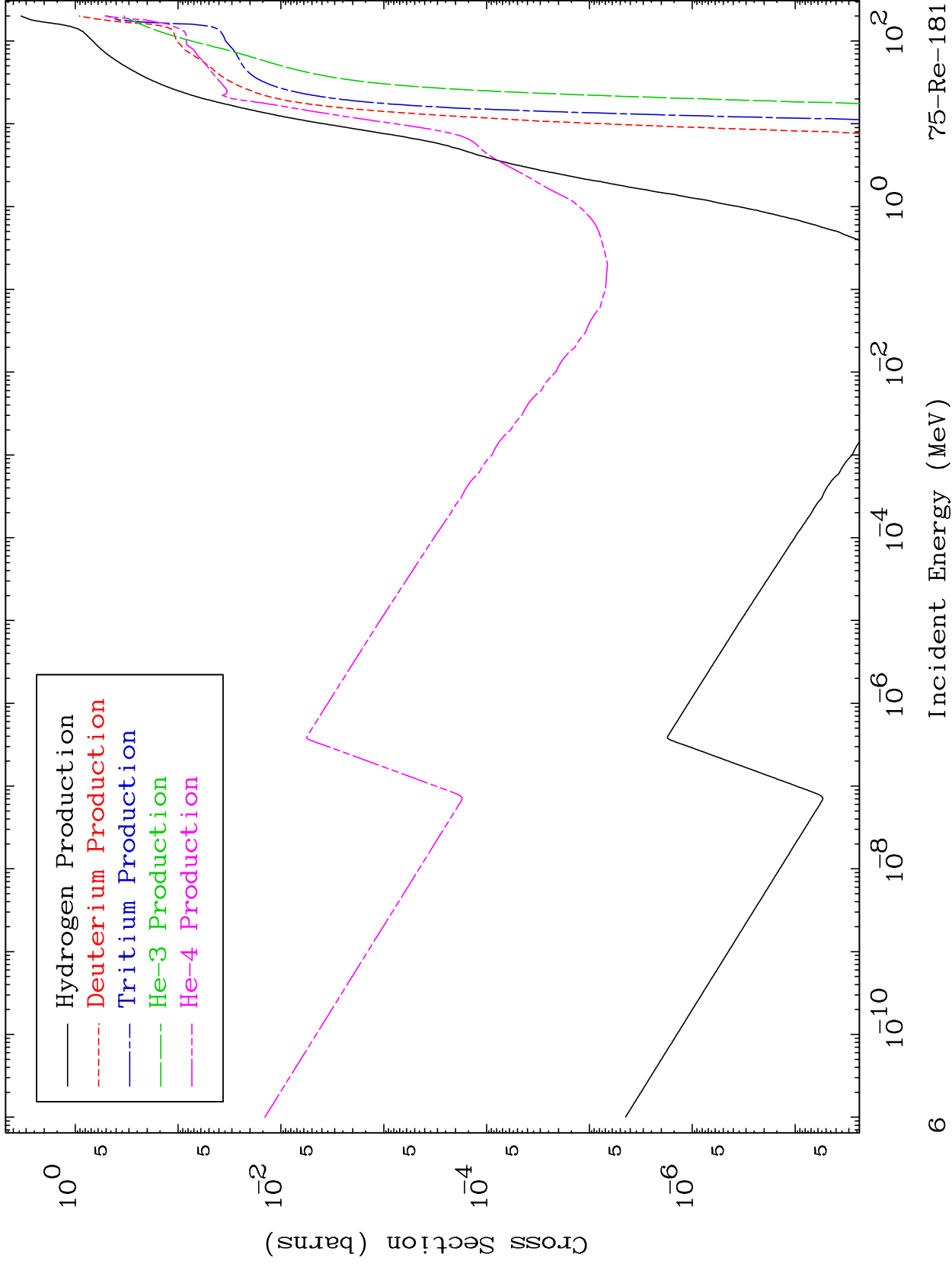


MAT 7513

Charged Particle
293 Kelvin Cross Sections

75-Re-181

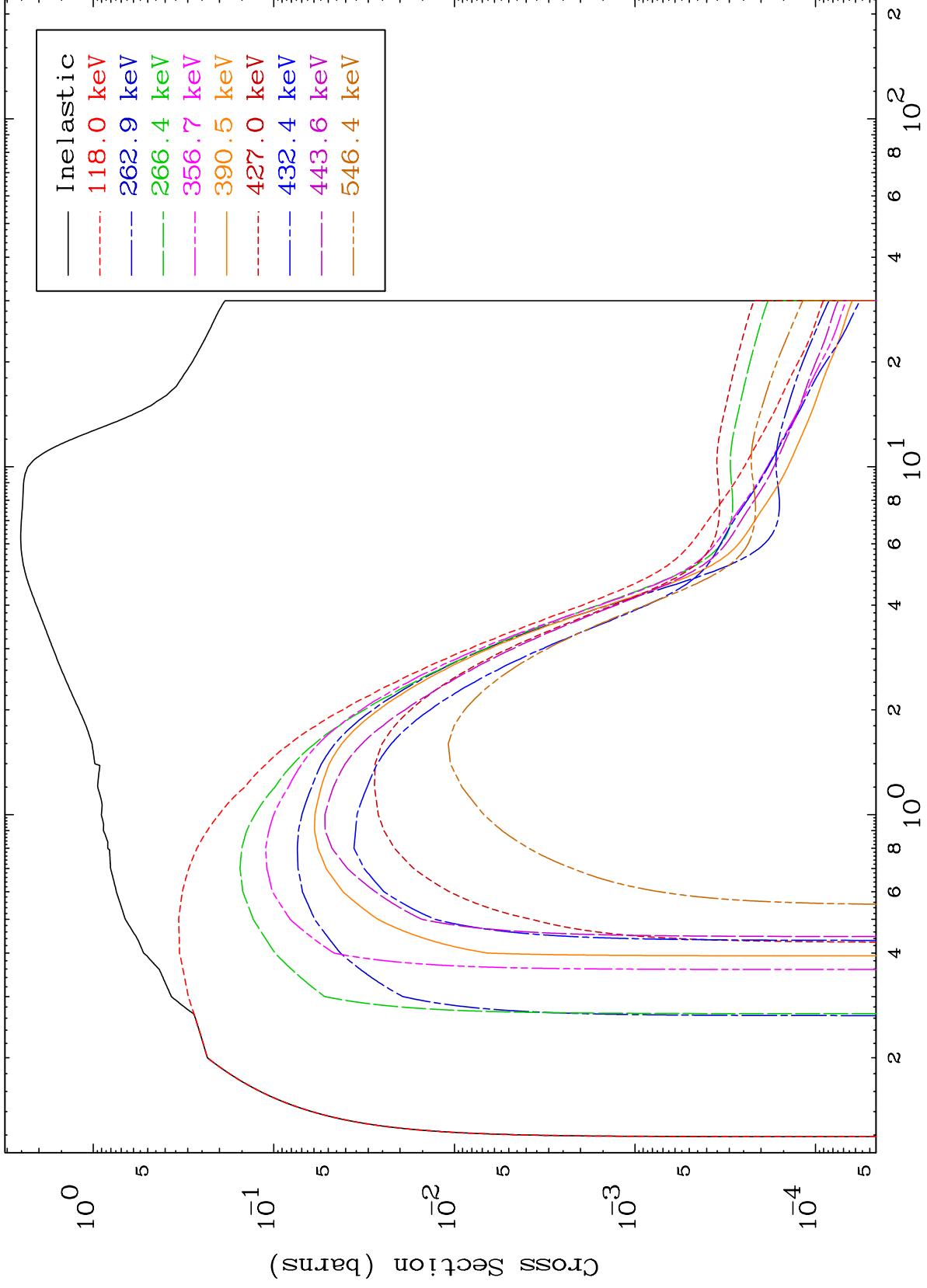




MAT 7513

(n,n') Level
293 Kelvin Cross Sections

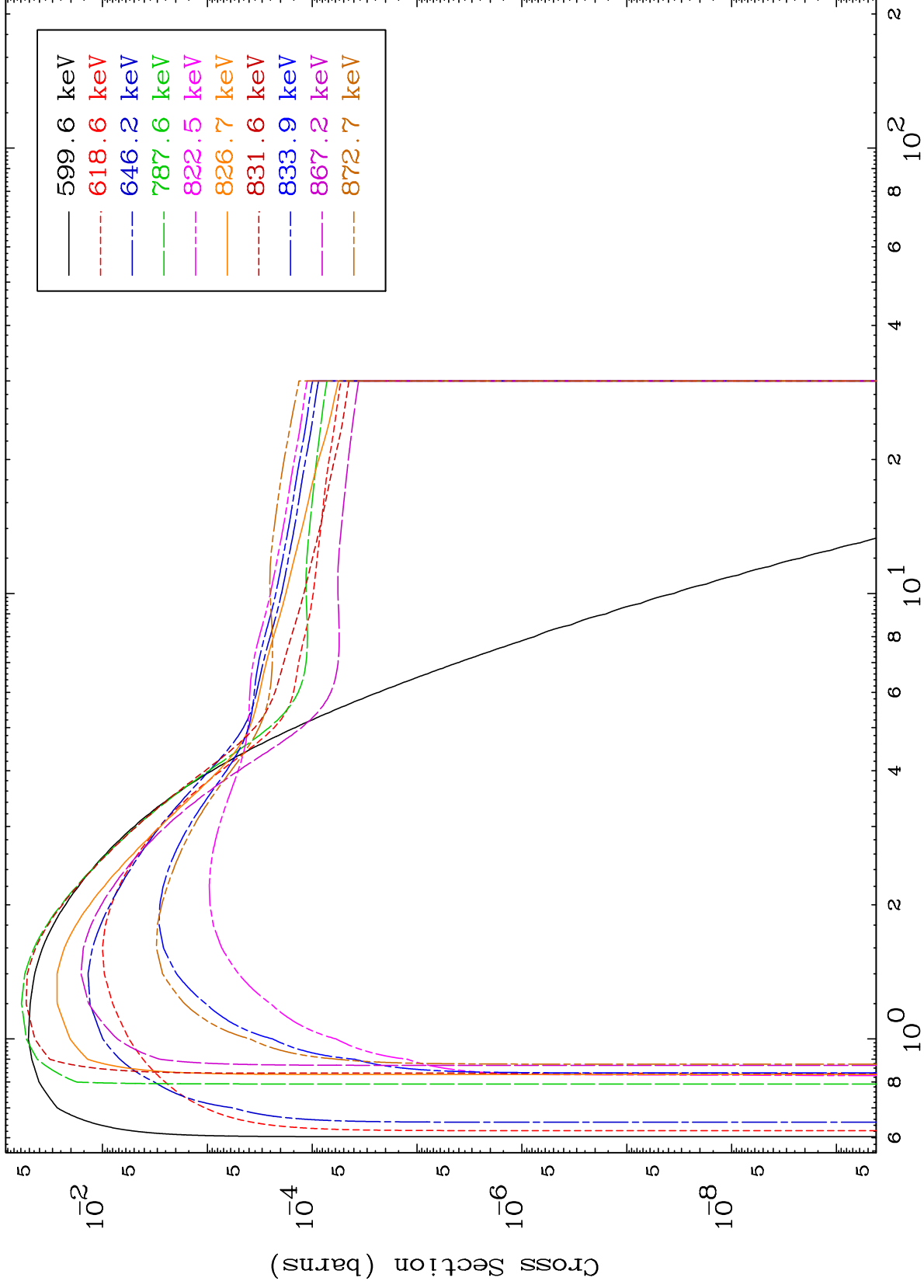
75-Re-181



MAT 7513

(n,n') Level
293 Kelvin Cross Sections

75-Re-181



8

Incident Energy (MeV)

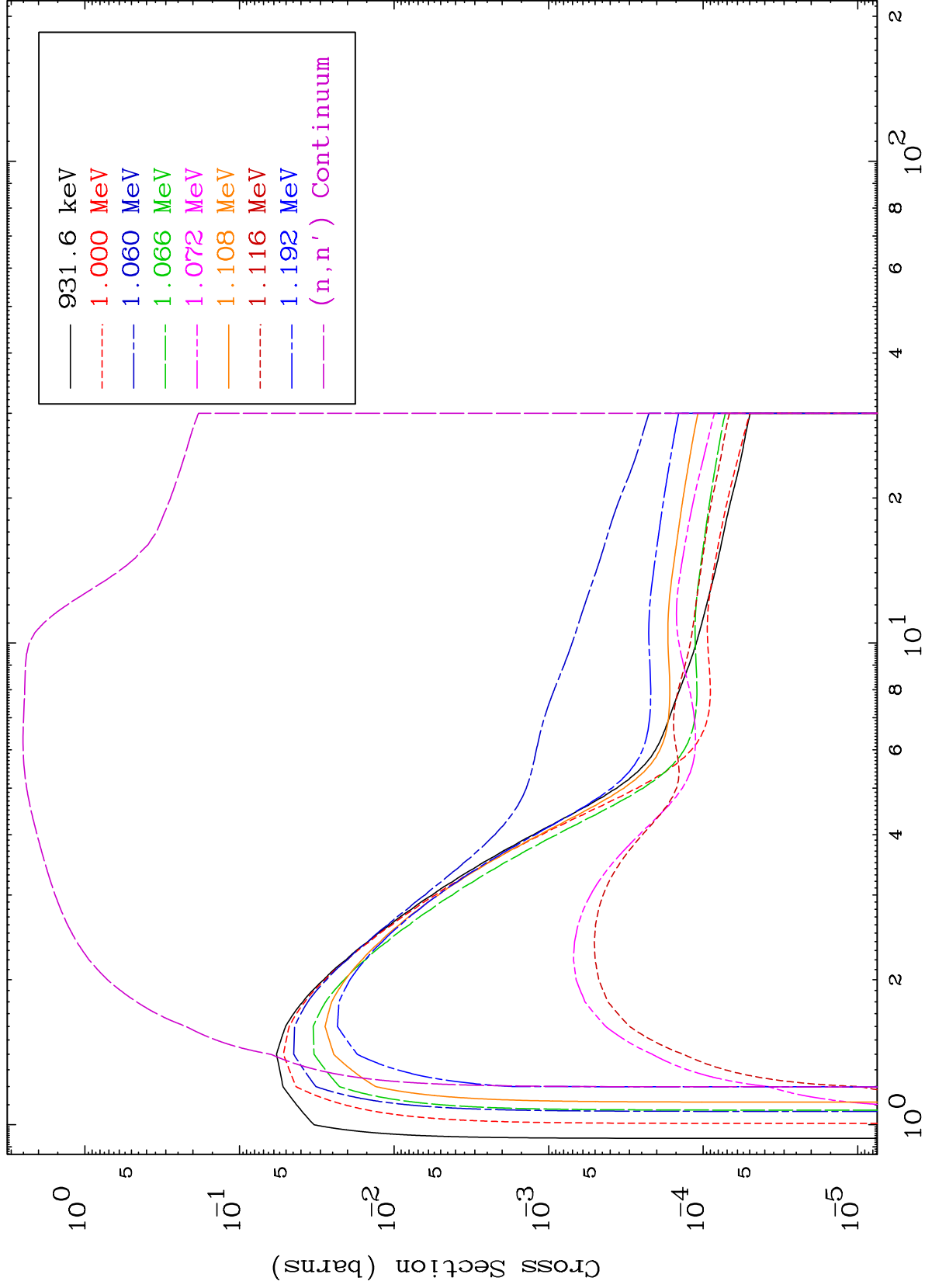
75-Re-181

MAT 7513

(n,n') Level

75-Re-181

293 Kelvin Cross Sections



9

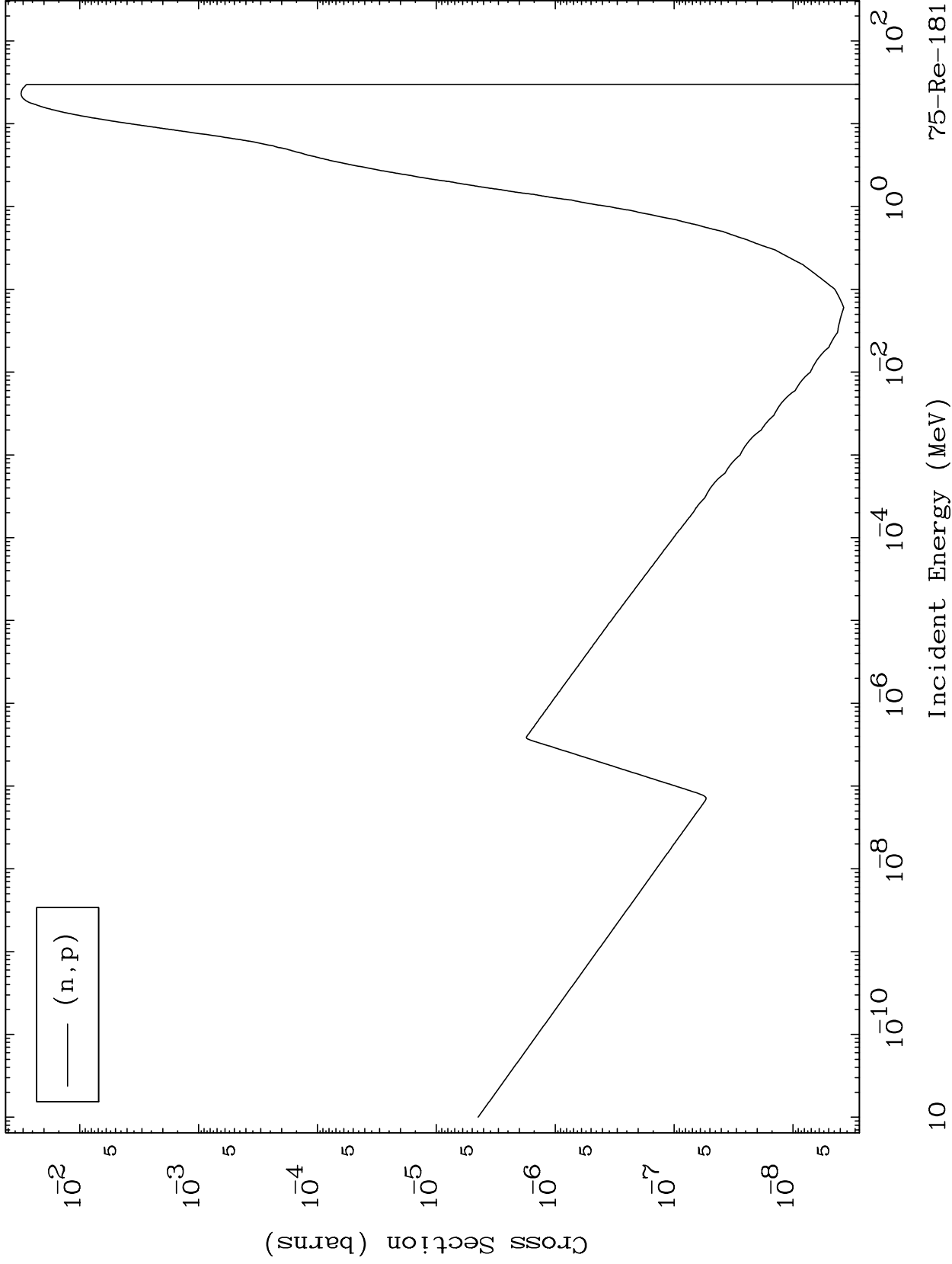
Incident Energy (MeV)

75-Re-181

MAT 7513

(n,p) Levels
293 Kelvin Cross Sections

75-Re-181



10

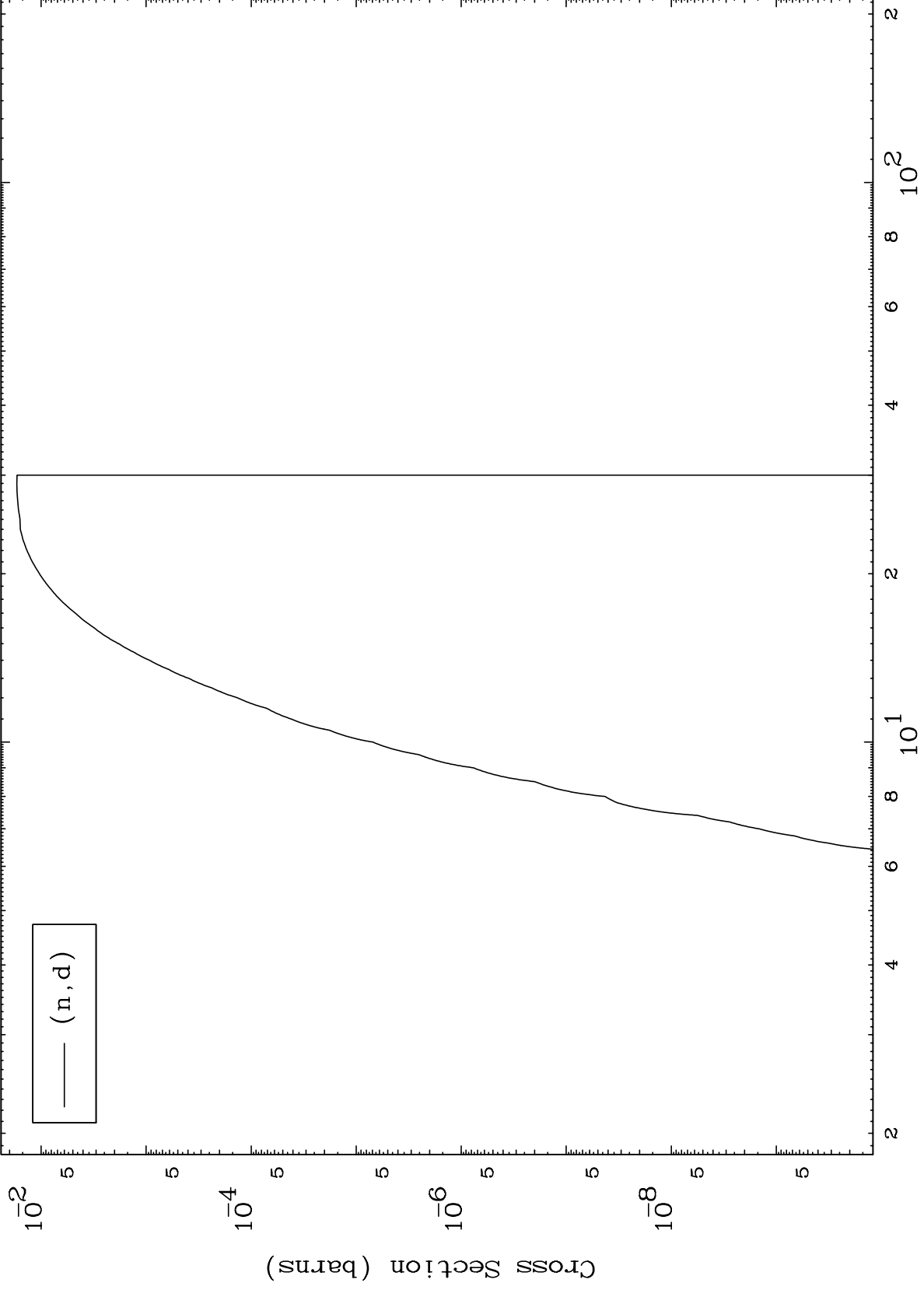
Incident Energy (MeV)

75-Re-181

MAT 7513

(n,d) Levels
293 Kelvin Cross Sections

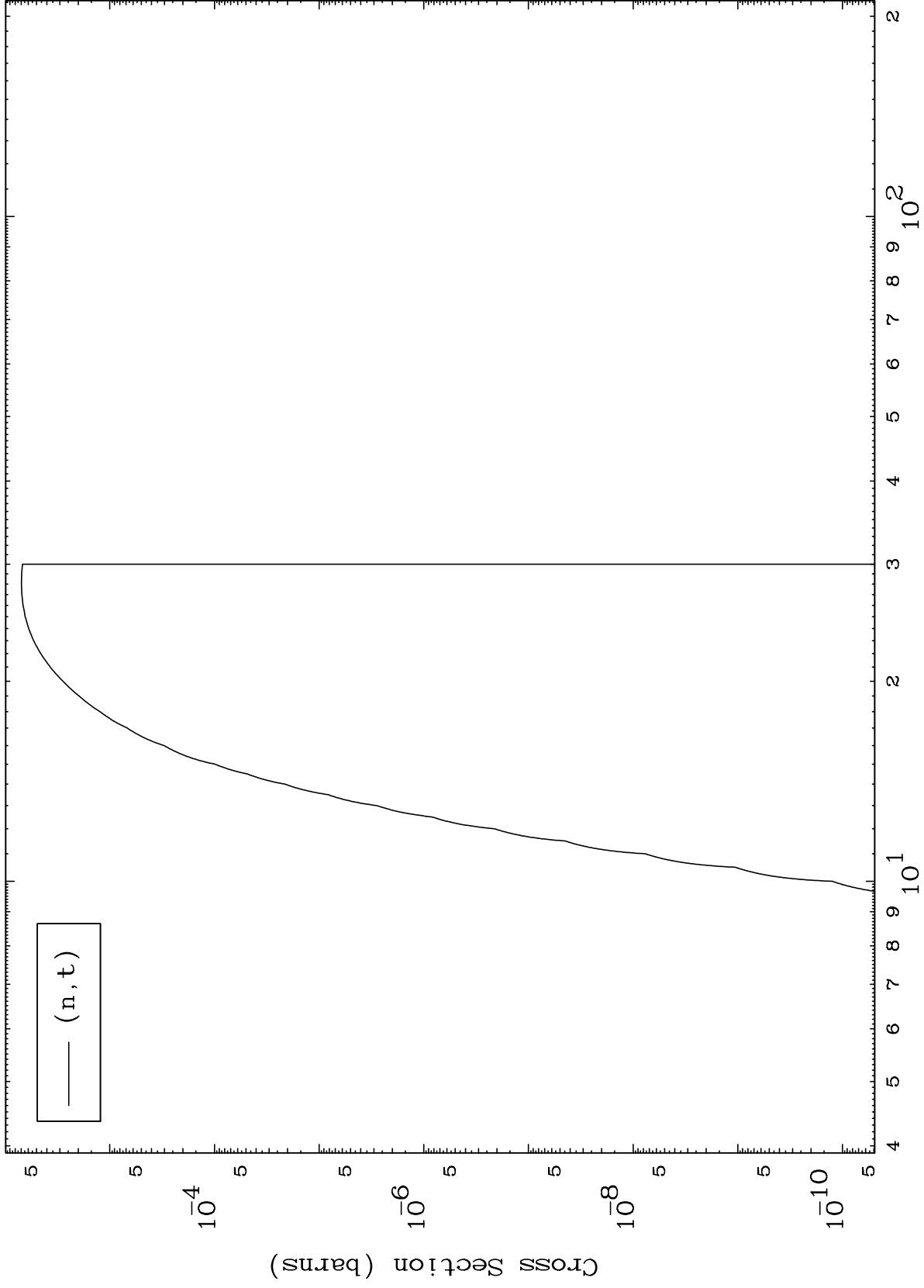
75-Re-181



MAT 7513

(n,t) Levels
293 Kelvin Cross Sections

75-Re-181



12

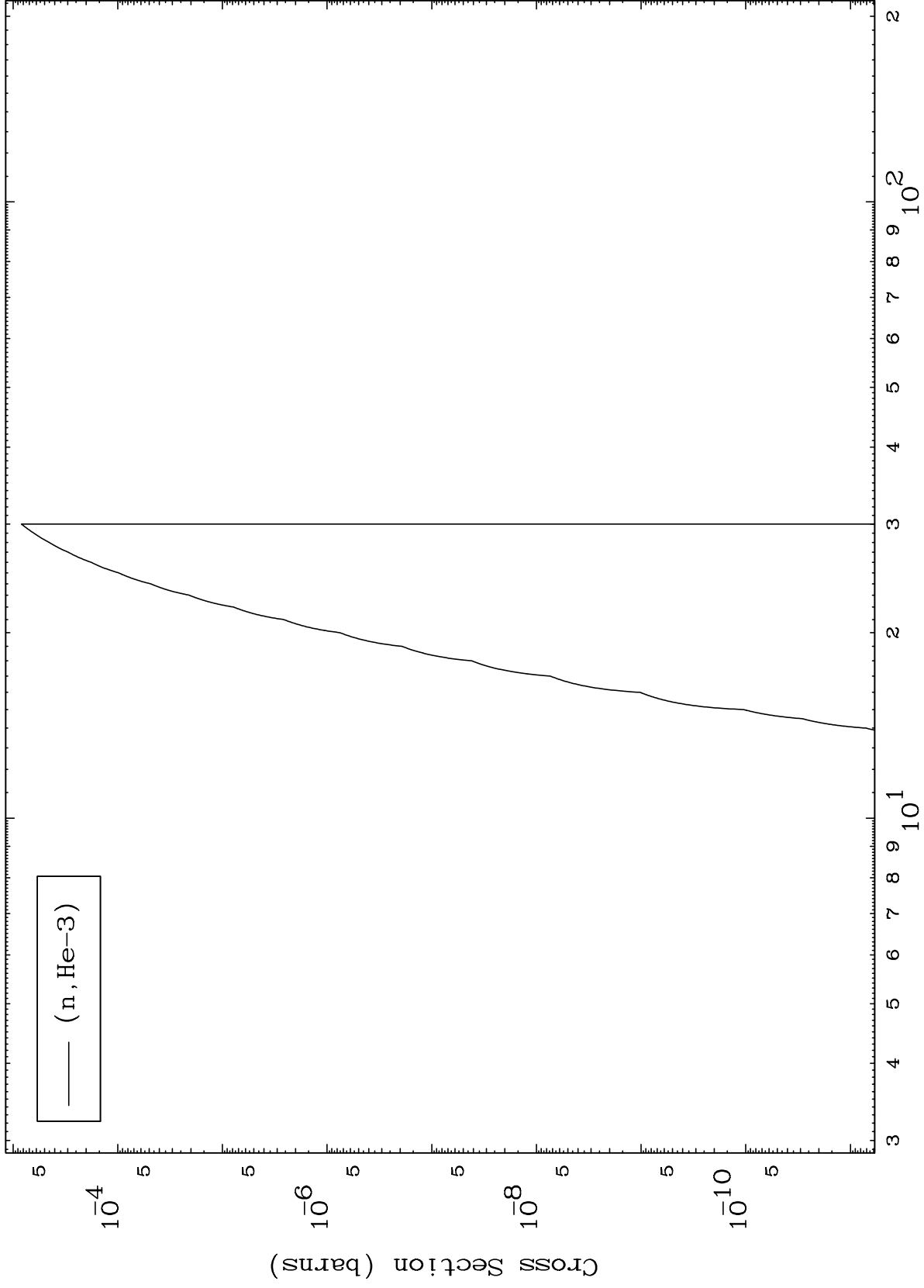
Incident Energy (MeV)

75-Re-181

MAT 7513

(n,He3) Levels
293 Kelvin Cross Sections

75-Re-181



13

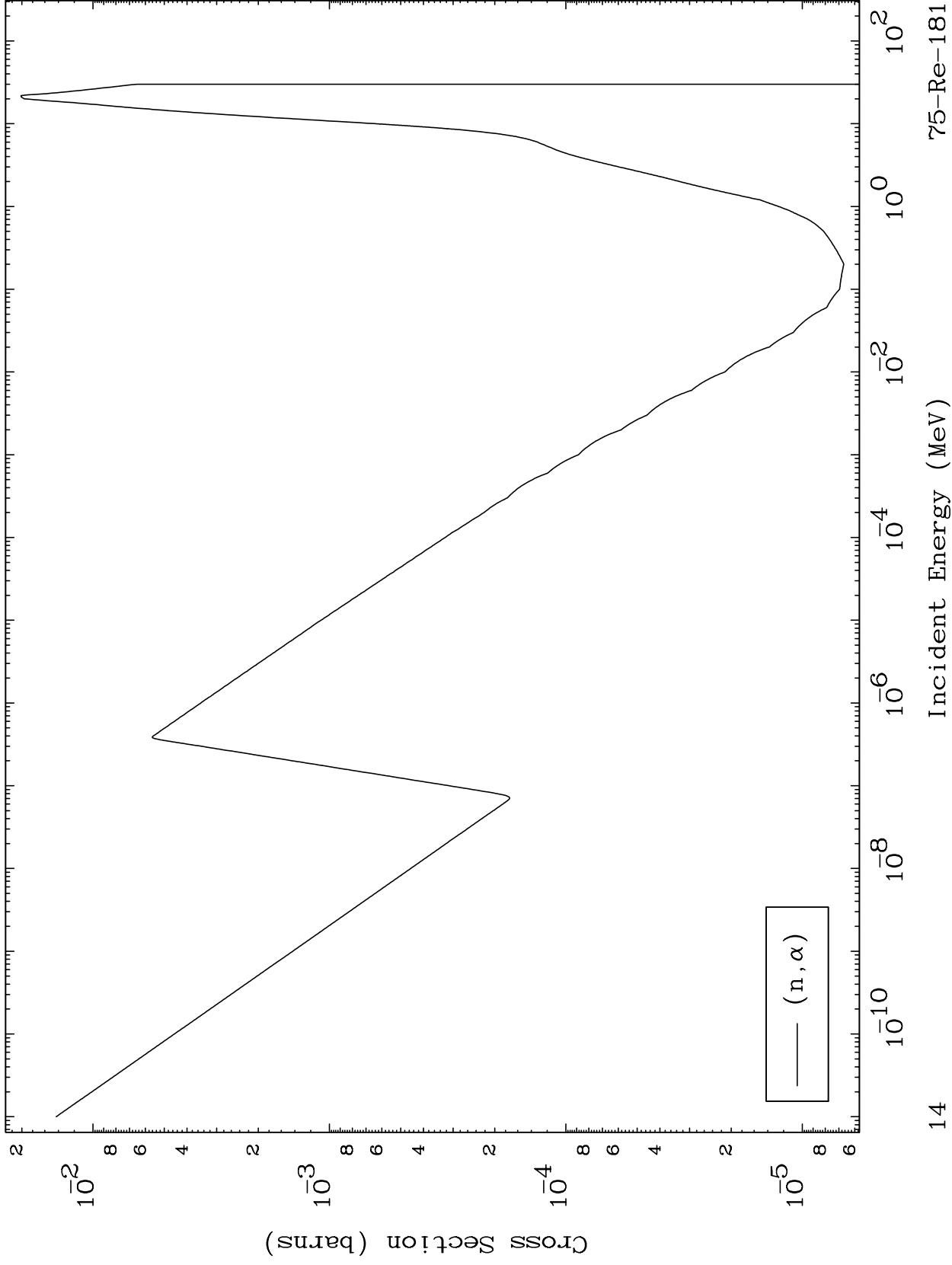
Incident Energy (MeV)

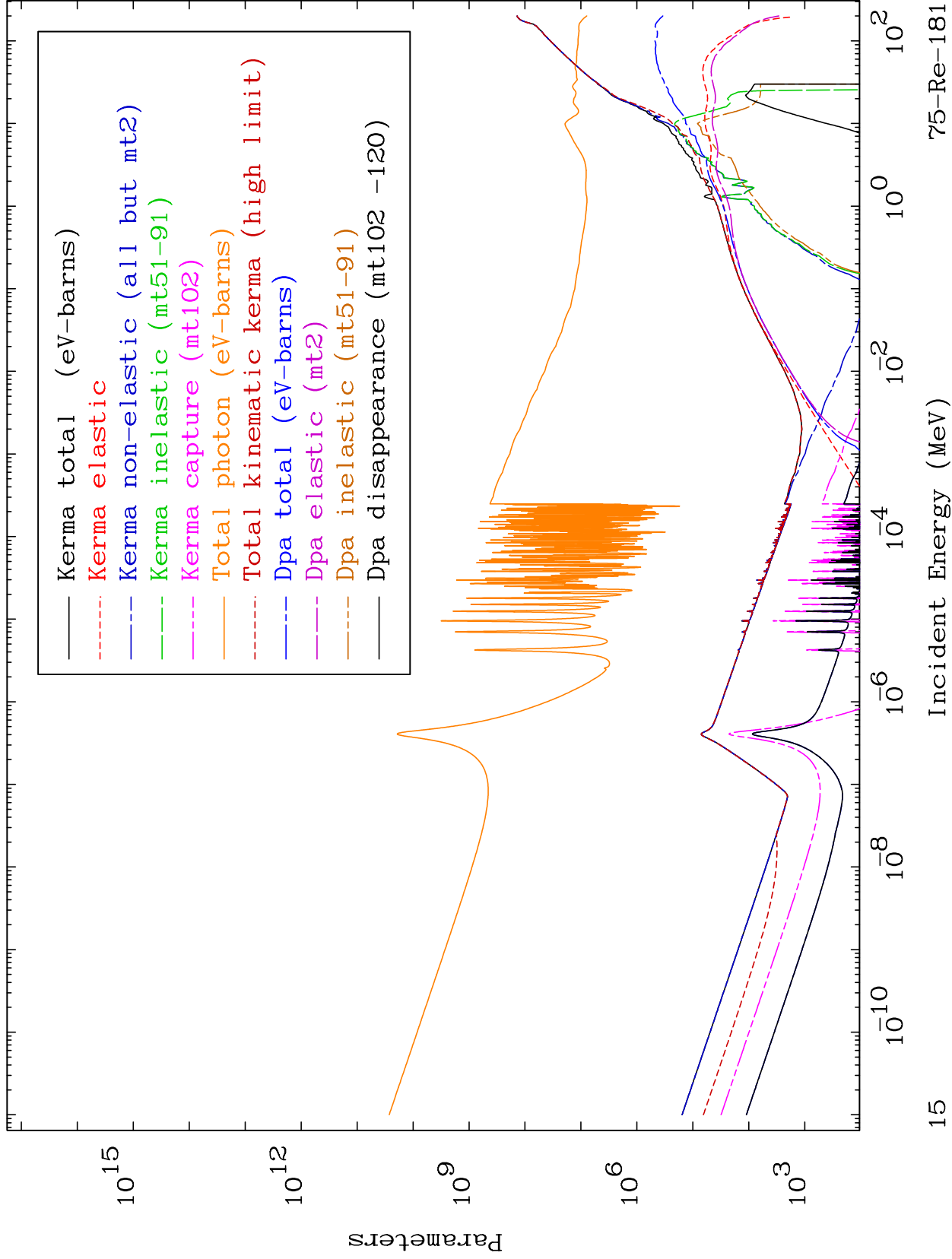
75-Re-181

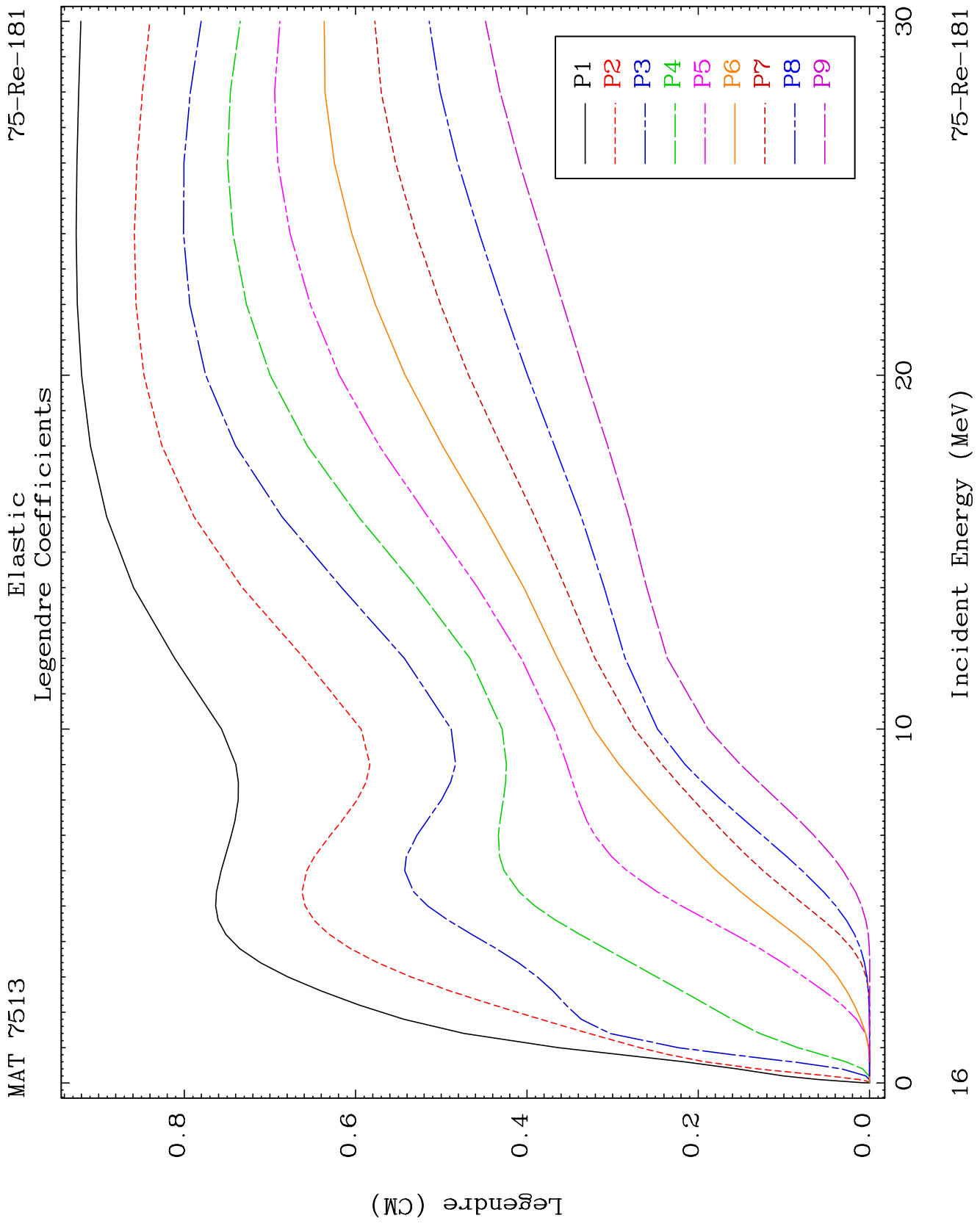
MAT 7513

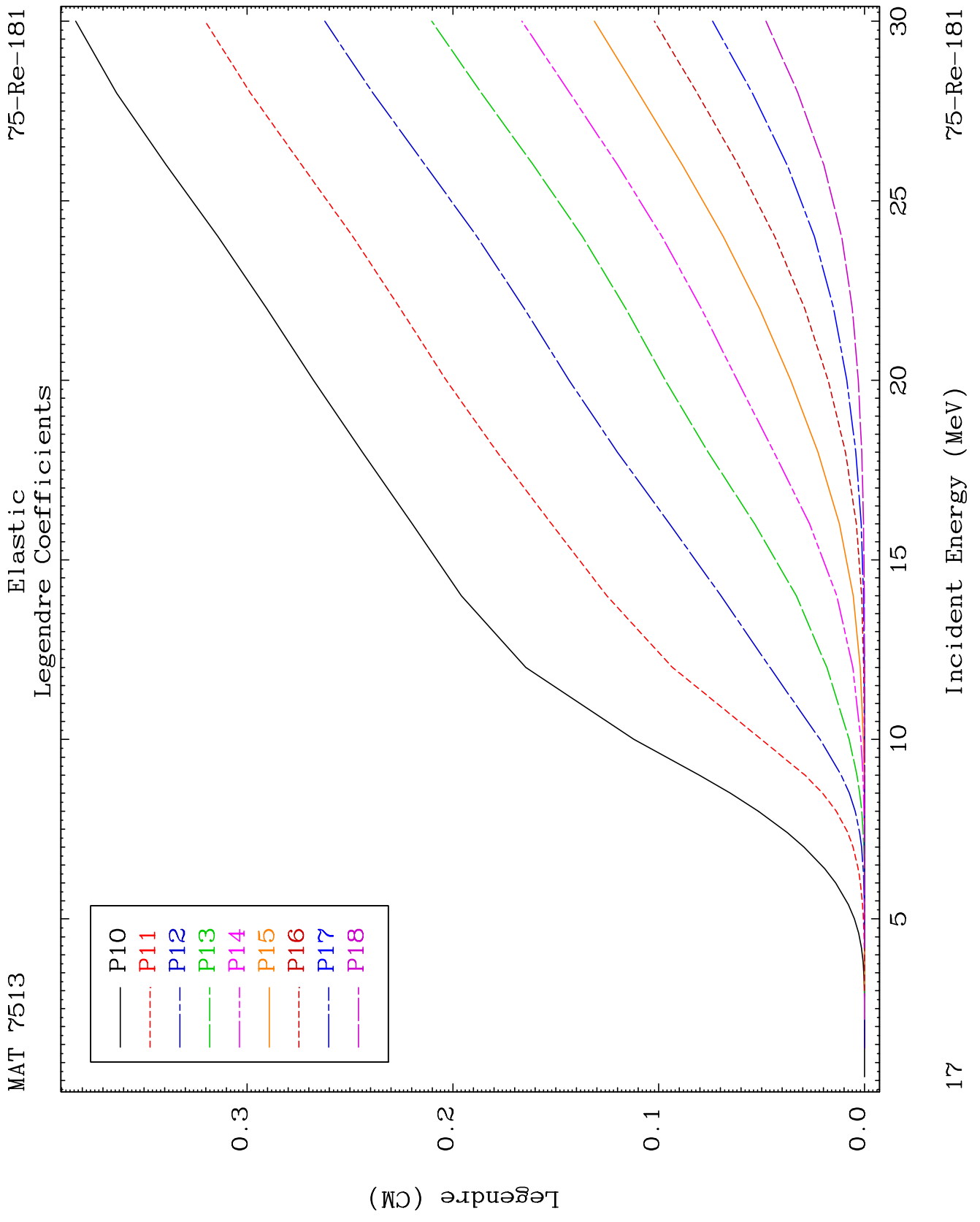
(n,α) Levels
293 Kelvin Cross Sections

75-Re-181





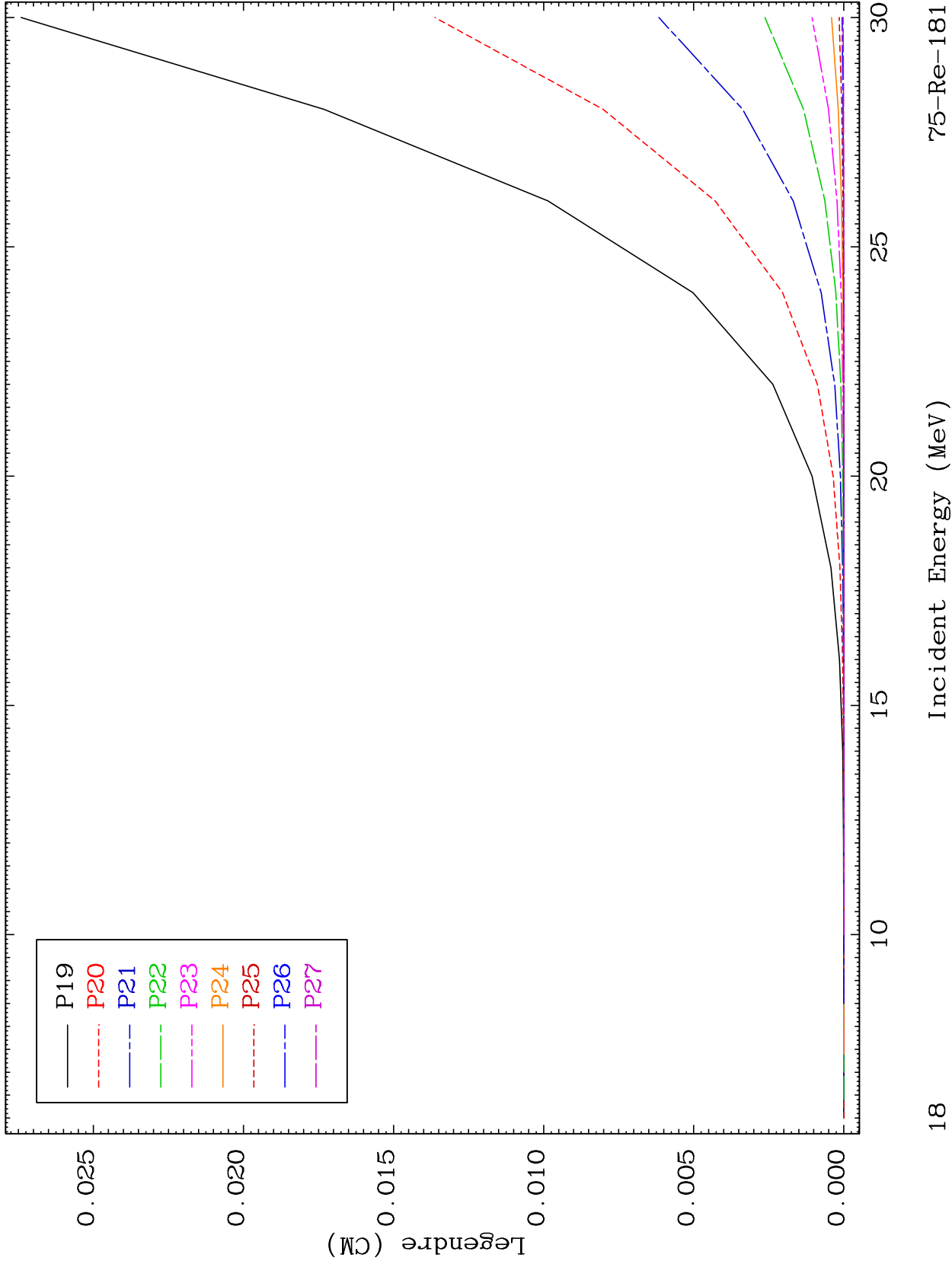




MAT 7513

Elastic Legendre Coefficients

75-Re-181



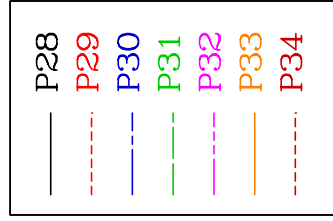
18

75-Re-181

MAT 7513

Elastic
Legendre Coefficients

75-Re-181



$\times 10^{-6}$

6

Legendre (CM)

4

2

0

15

20

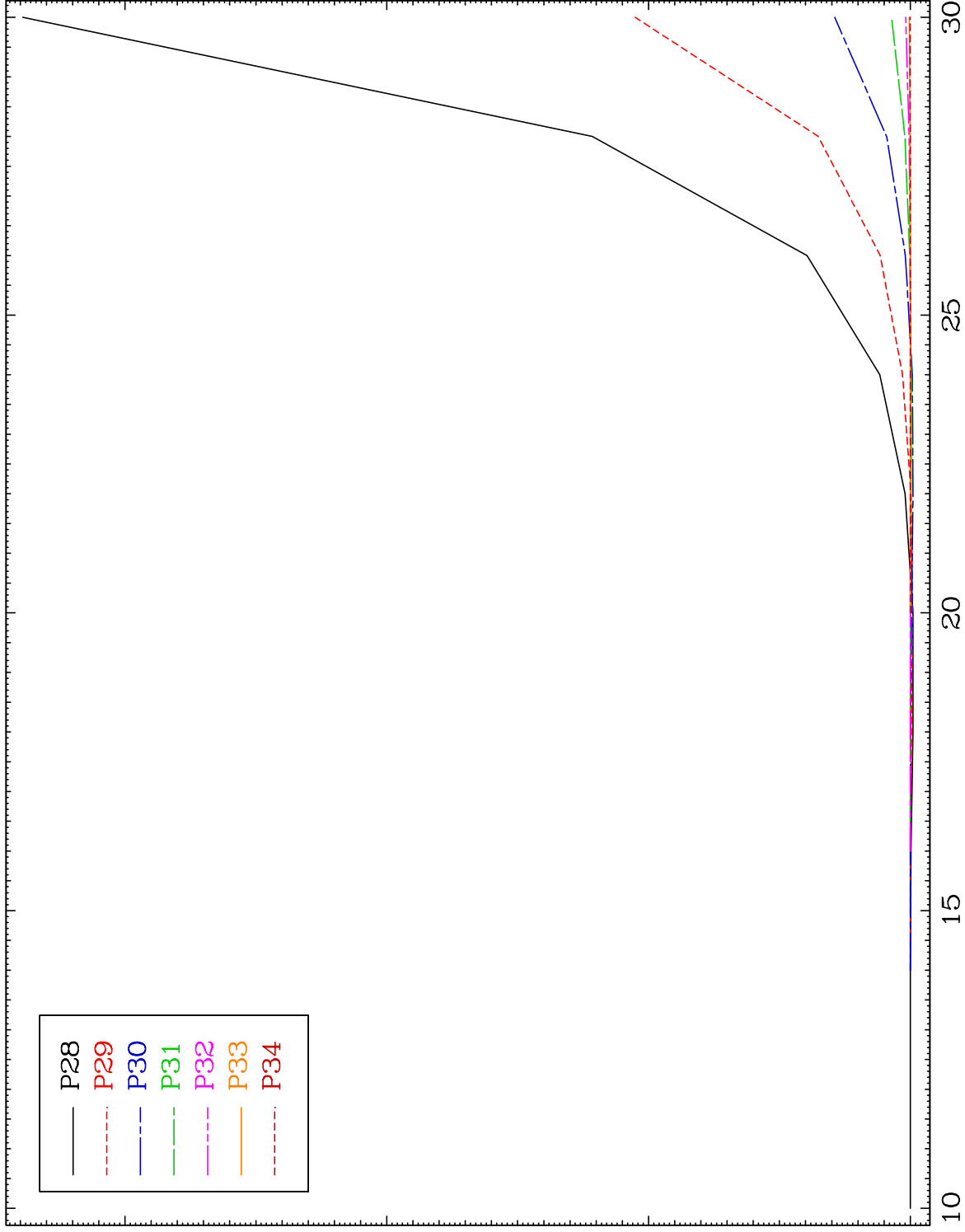
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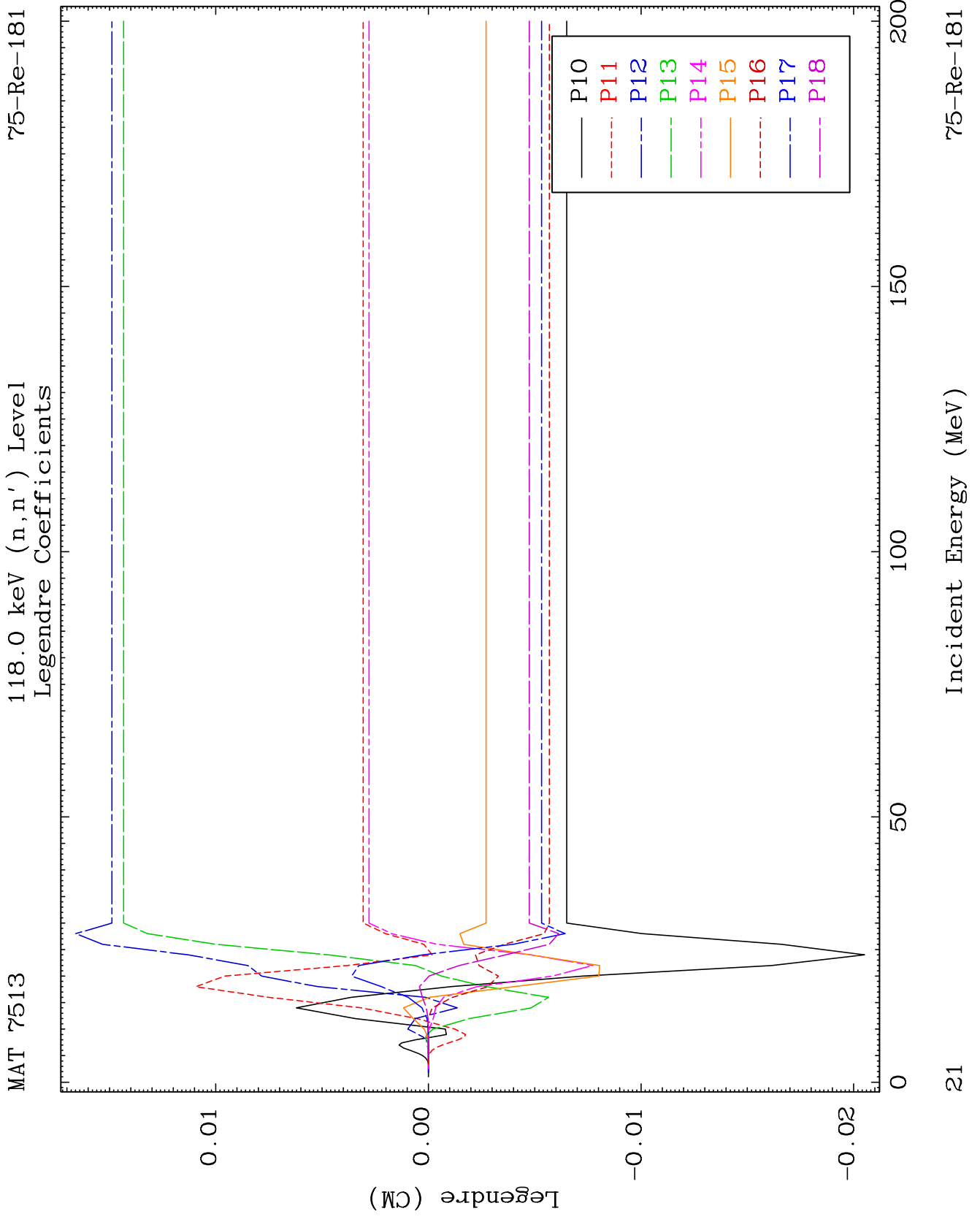
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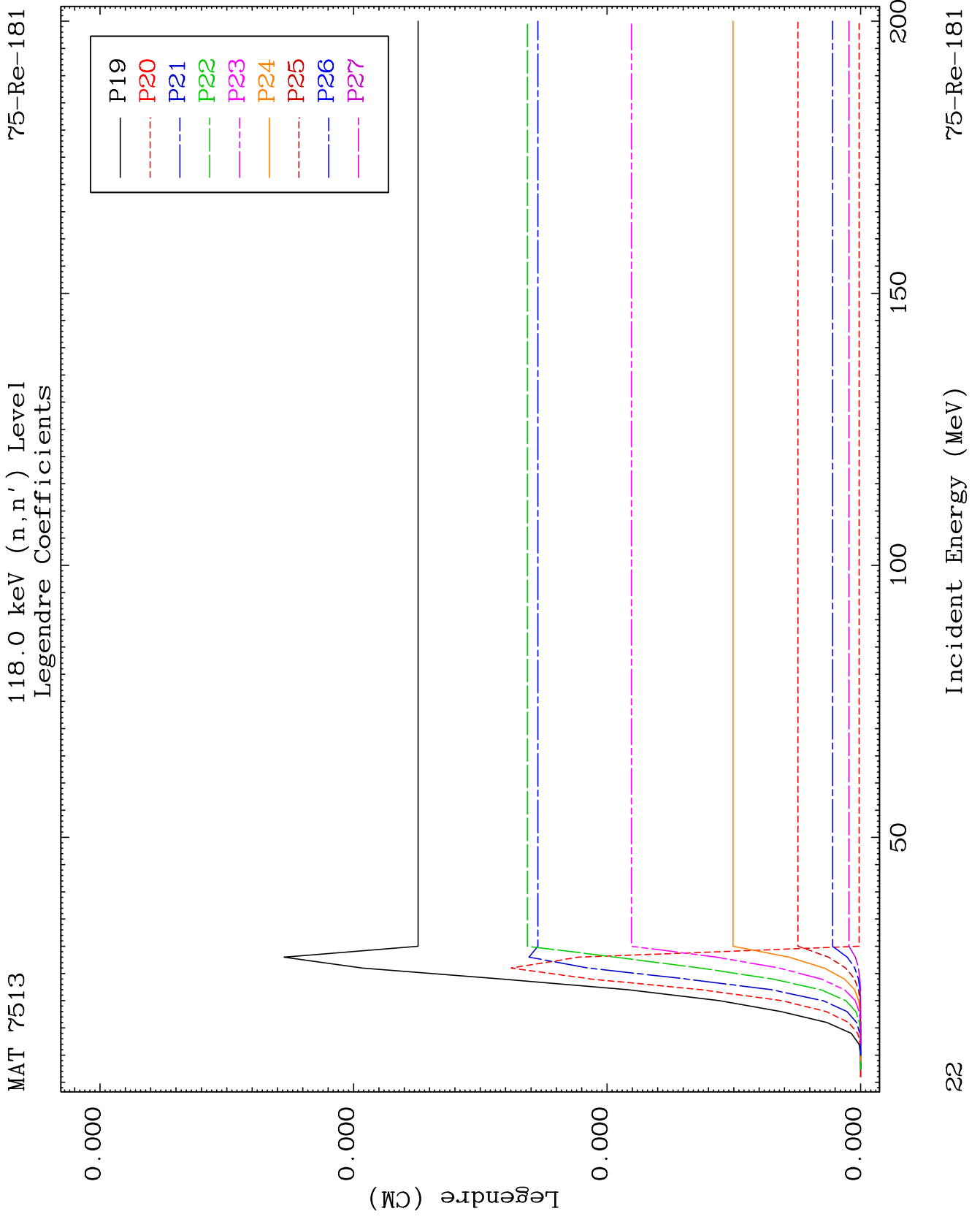
19

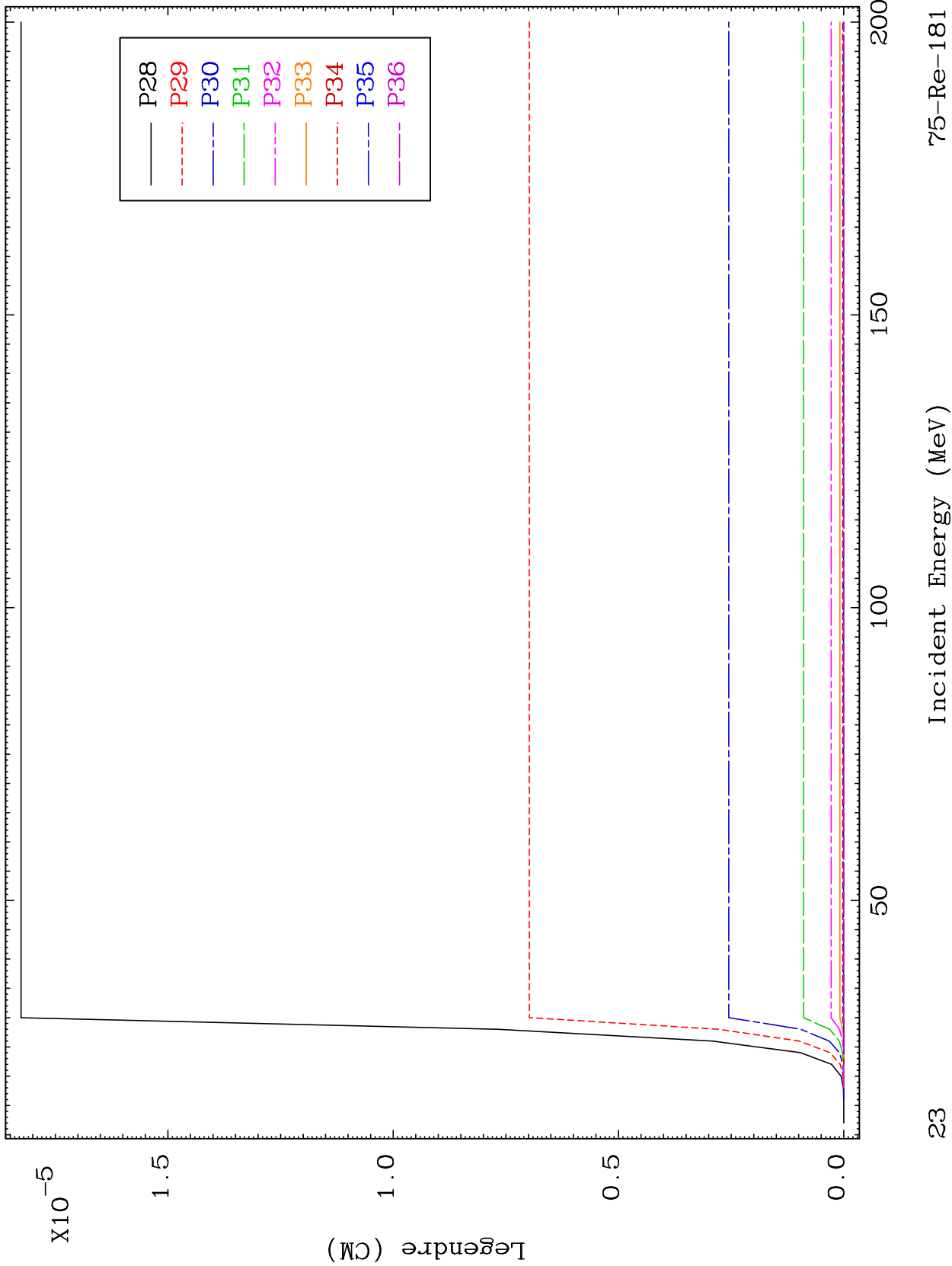
Incident Energy (MeV)

75-Re-181





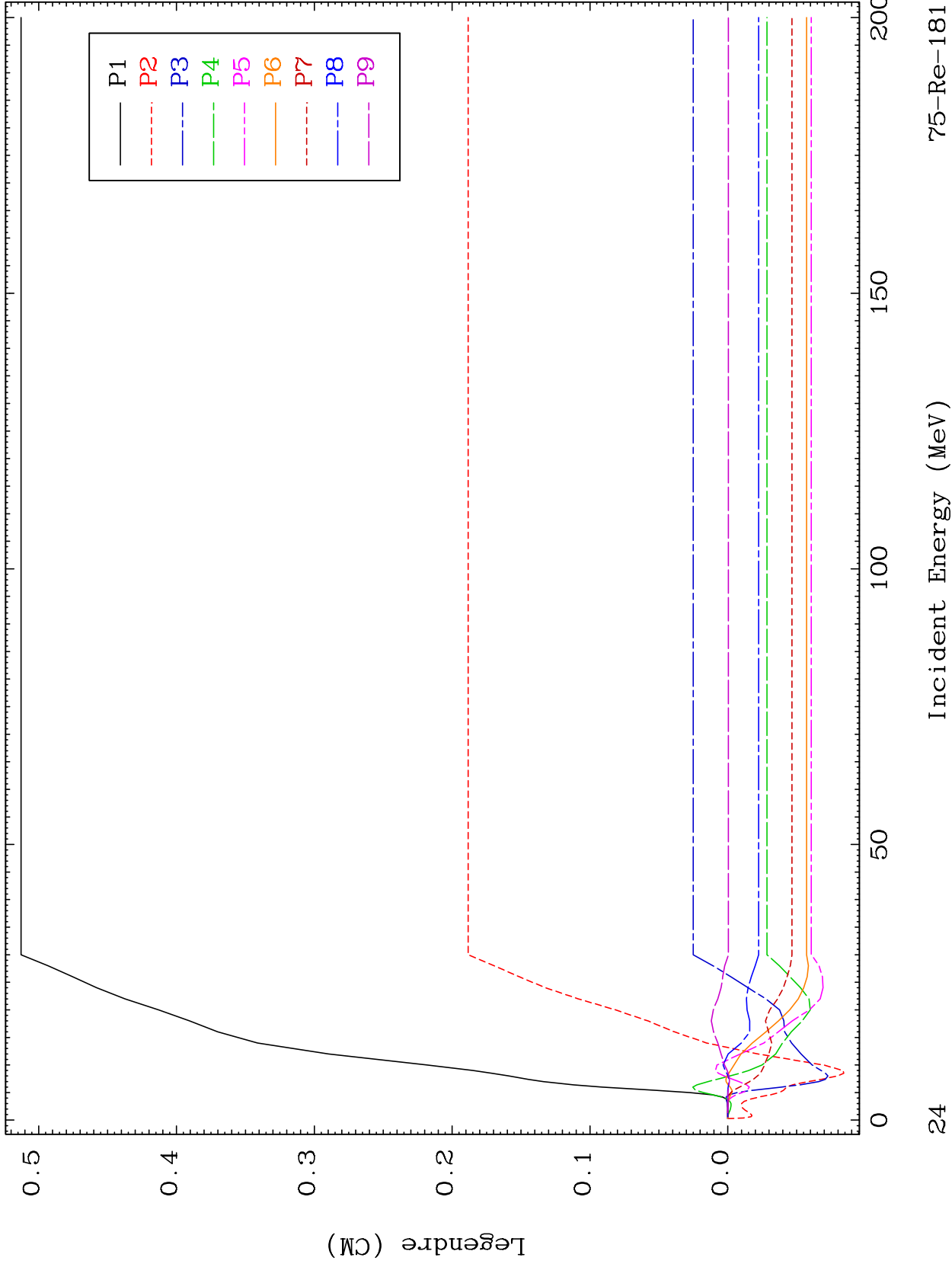




MAT 7513

262.9 keV (n,n') Level
Legendre Coefficients

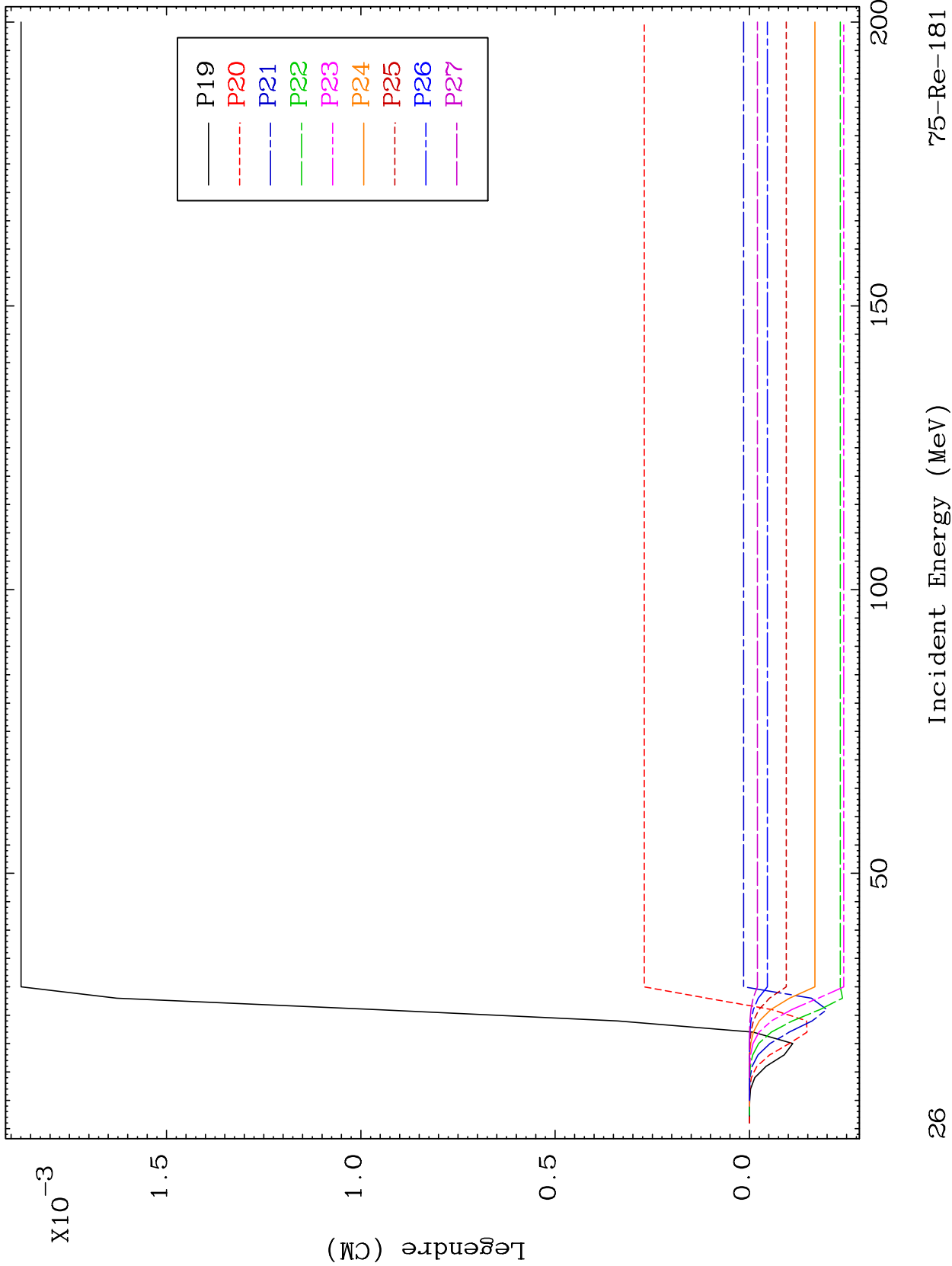
75-Re-181

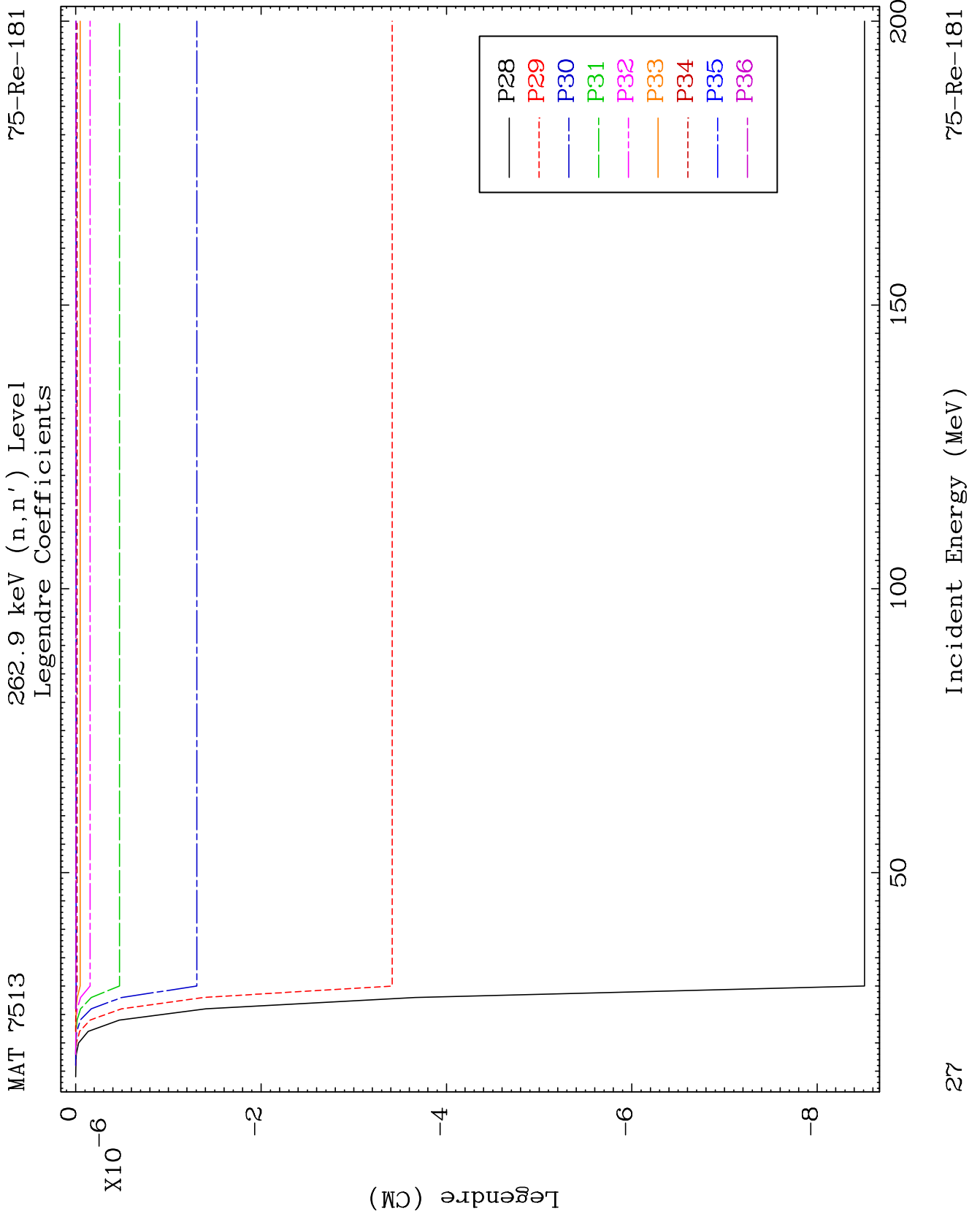


75-Re-181

Incident Energy (MeV)

24

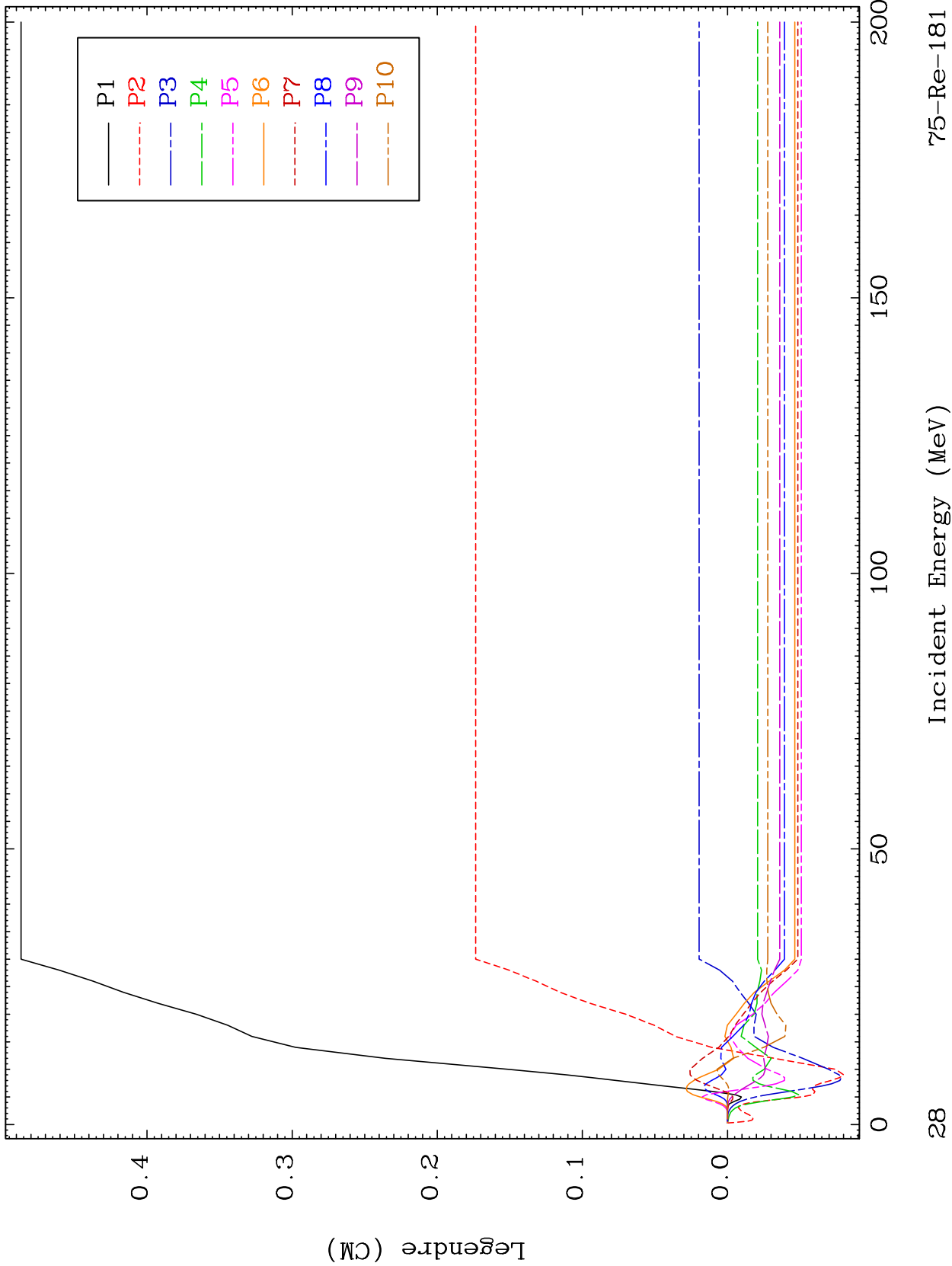




MAT 7513

266.4 keV (n,n') Level
Legendre Coefficients

75-Re-181



28

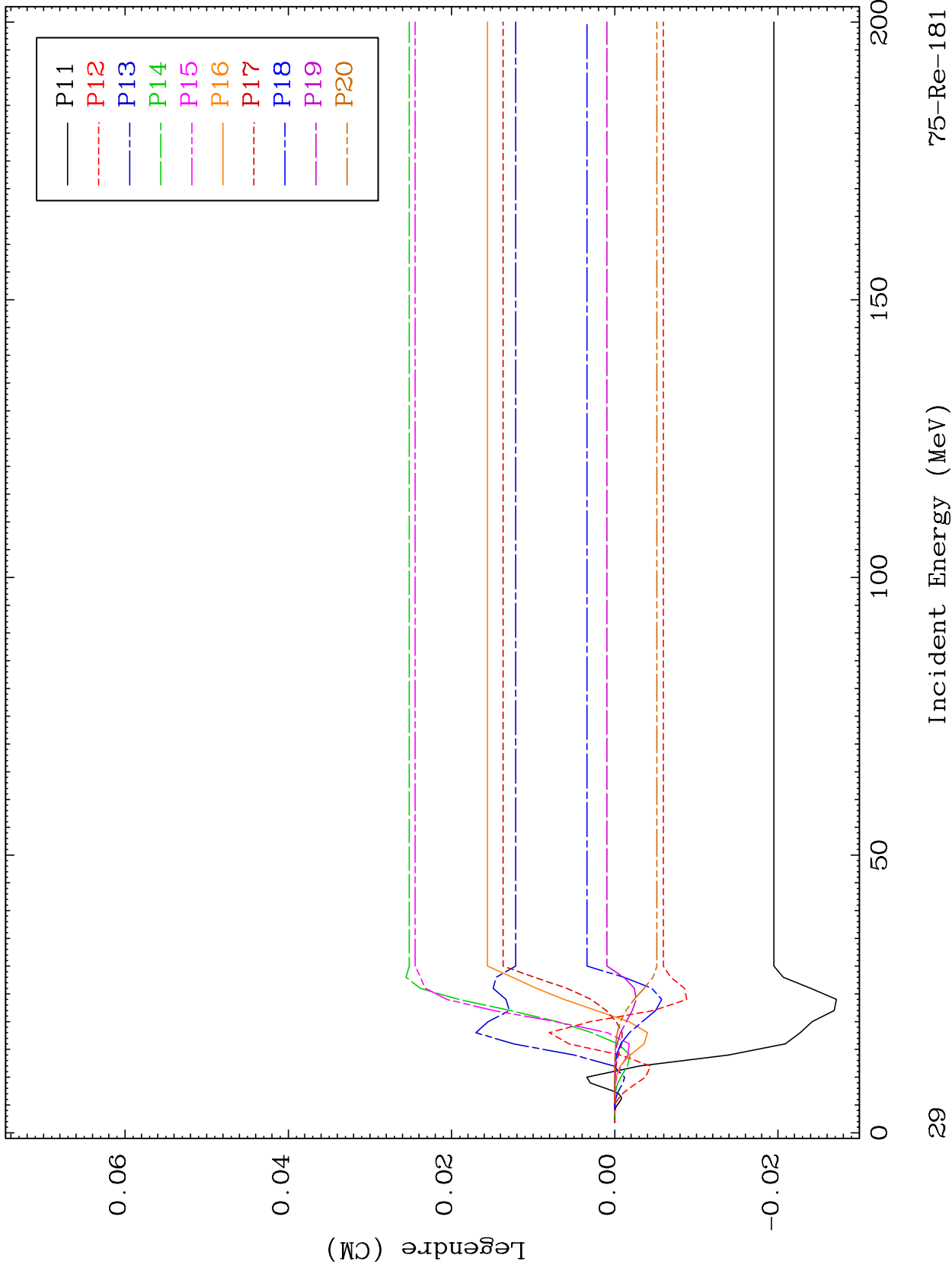
Incident Energy (MeV)

75-Re-181

MAT 7513

266.4 keV (n,n') Level
Legendre Coefficients

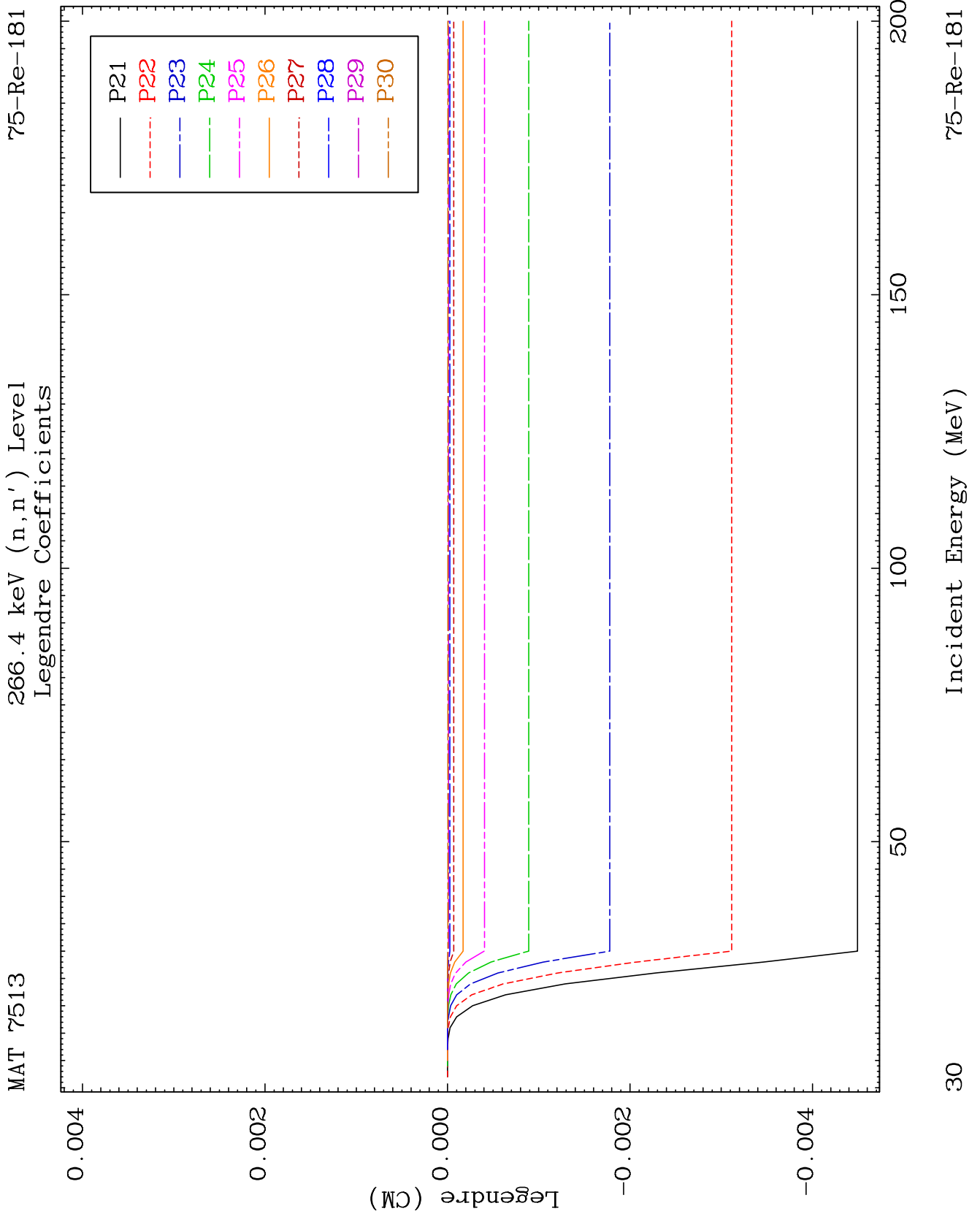
75-Re-181

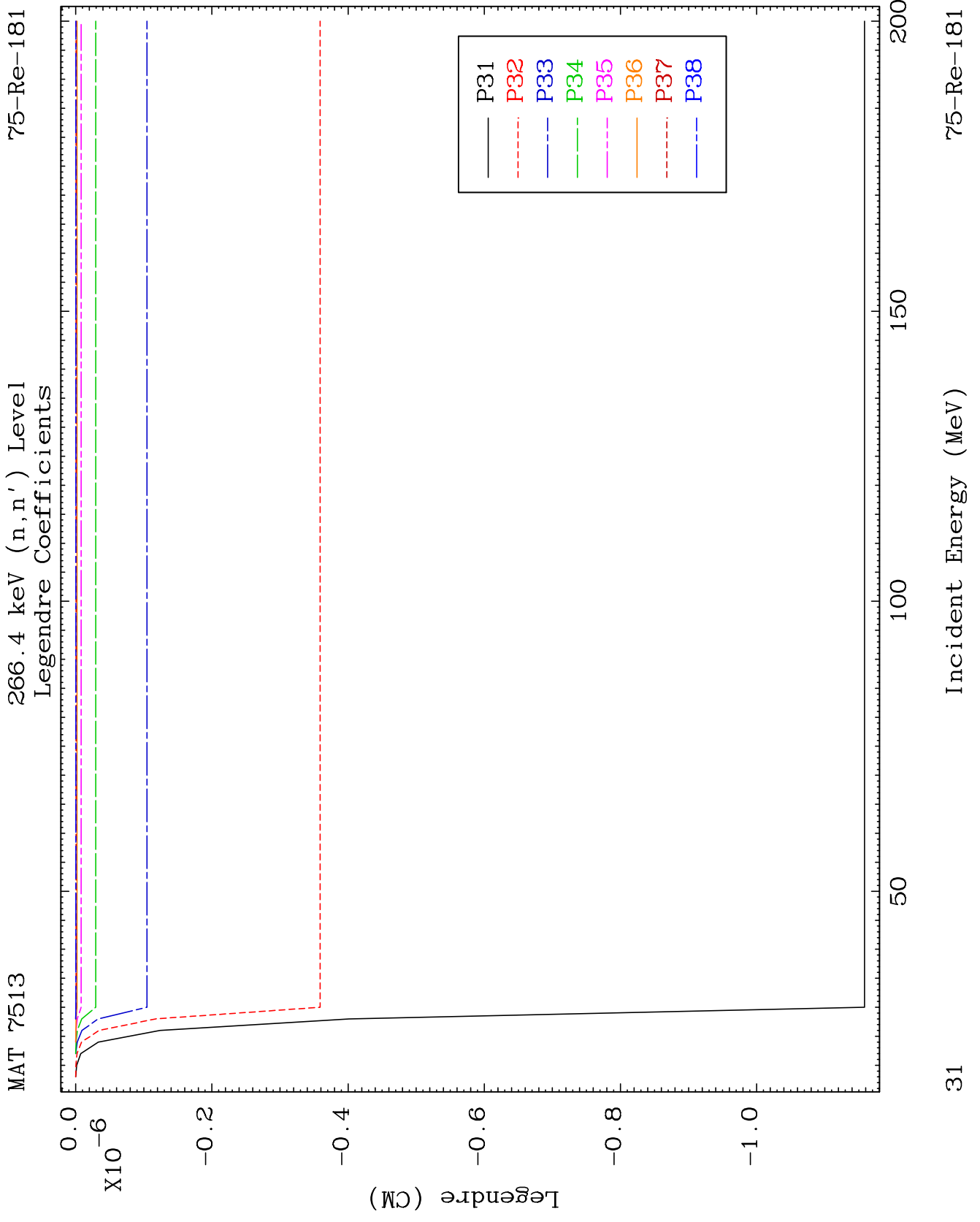


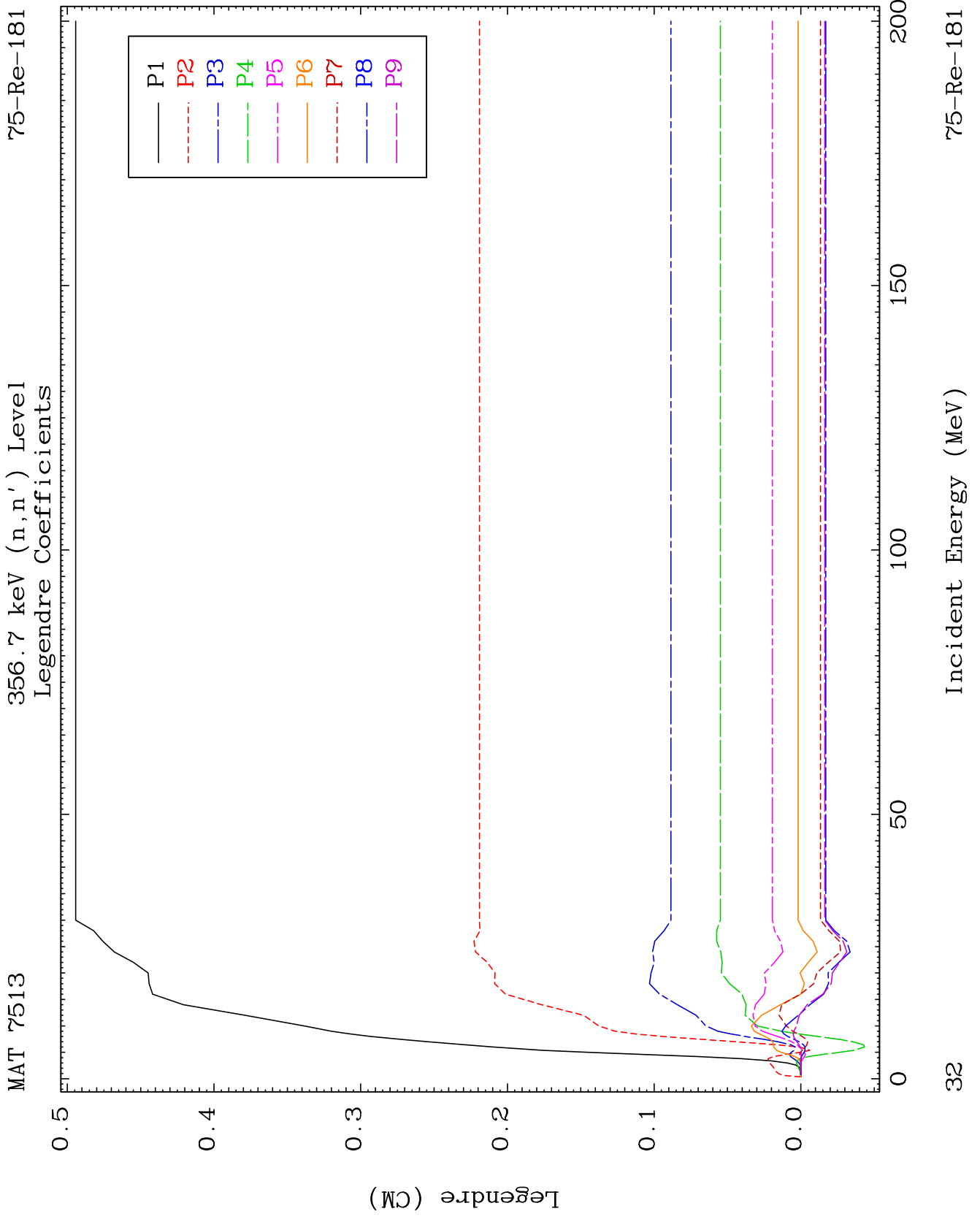
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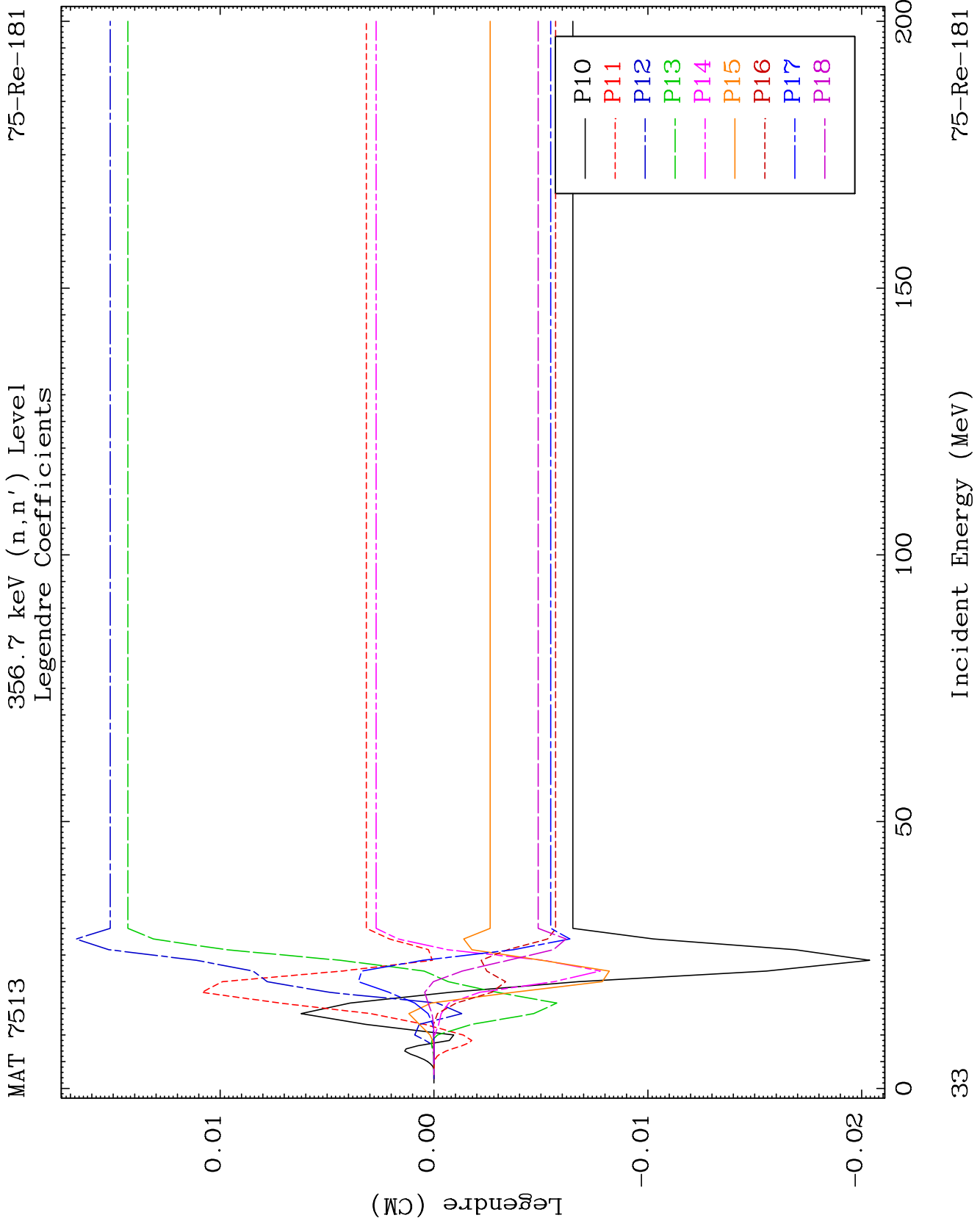
Incident Energy (MeV)

75-Re-181





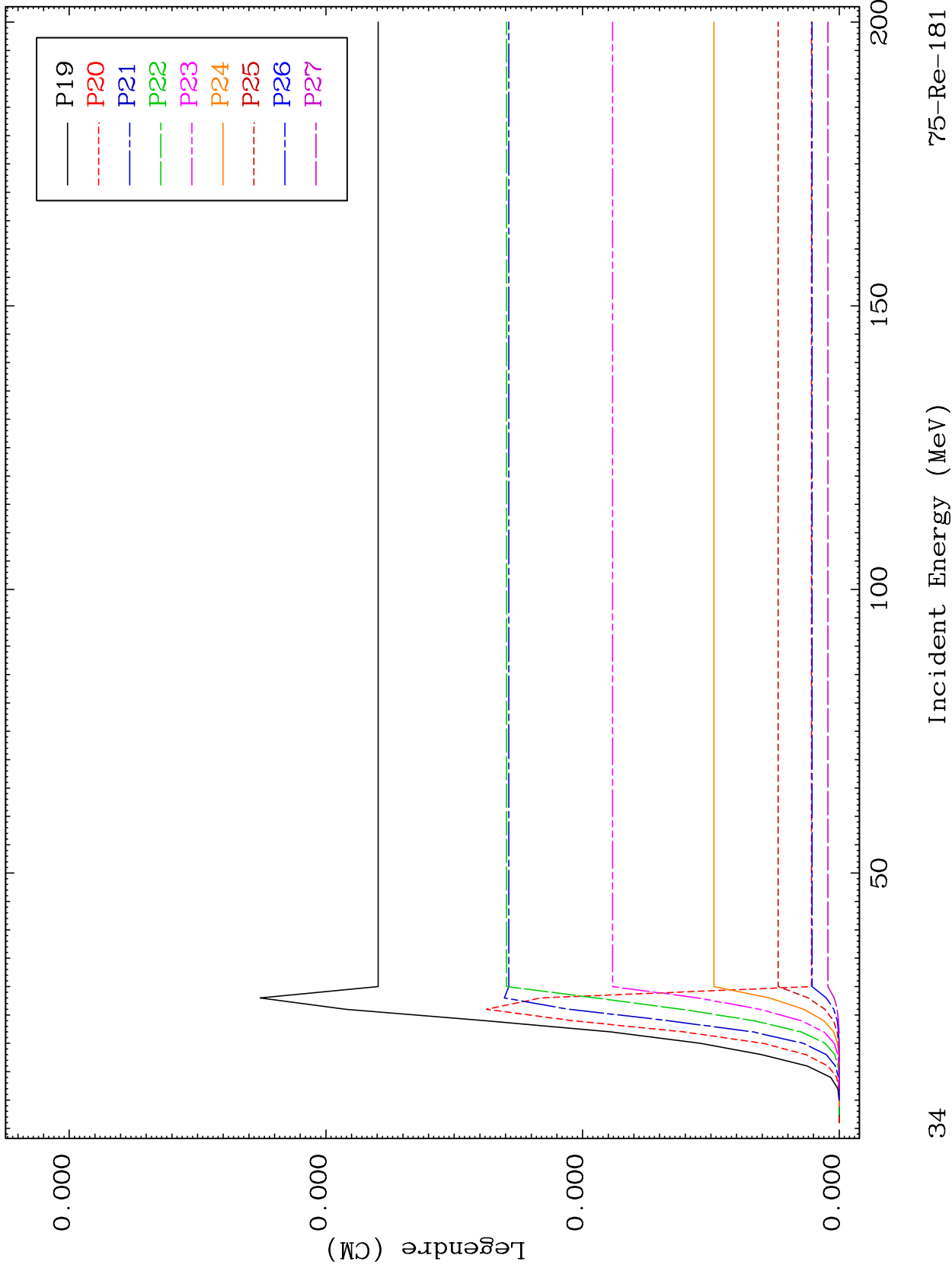


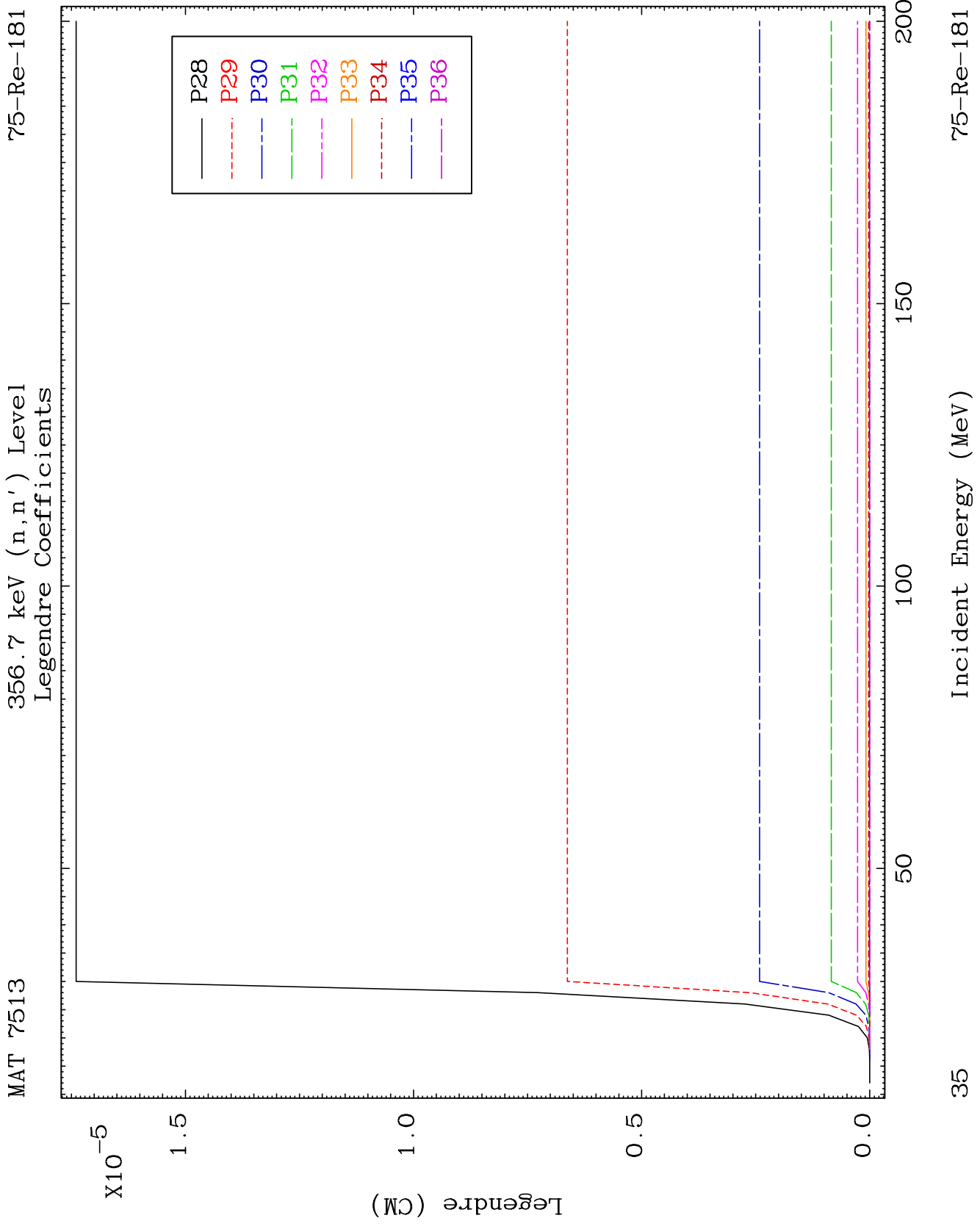


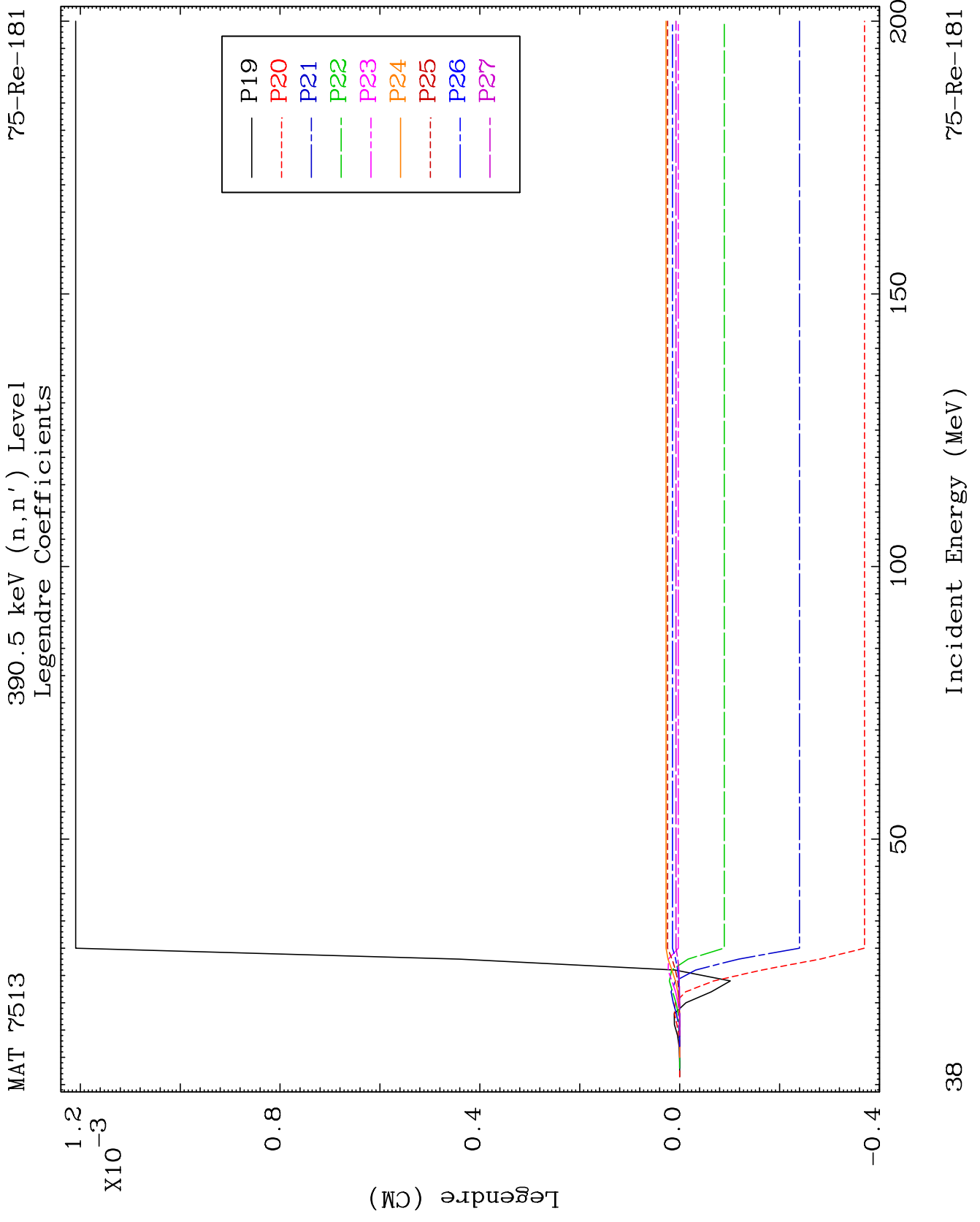
MAT 7513

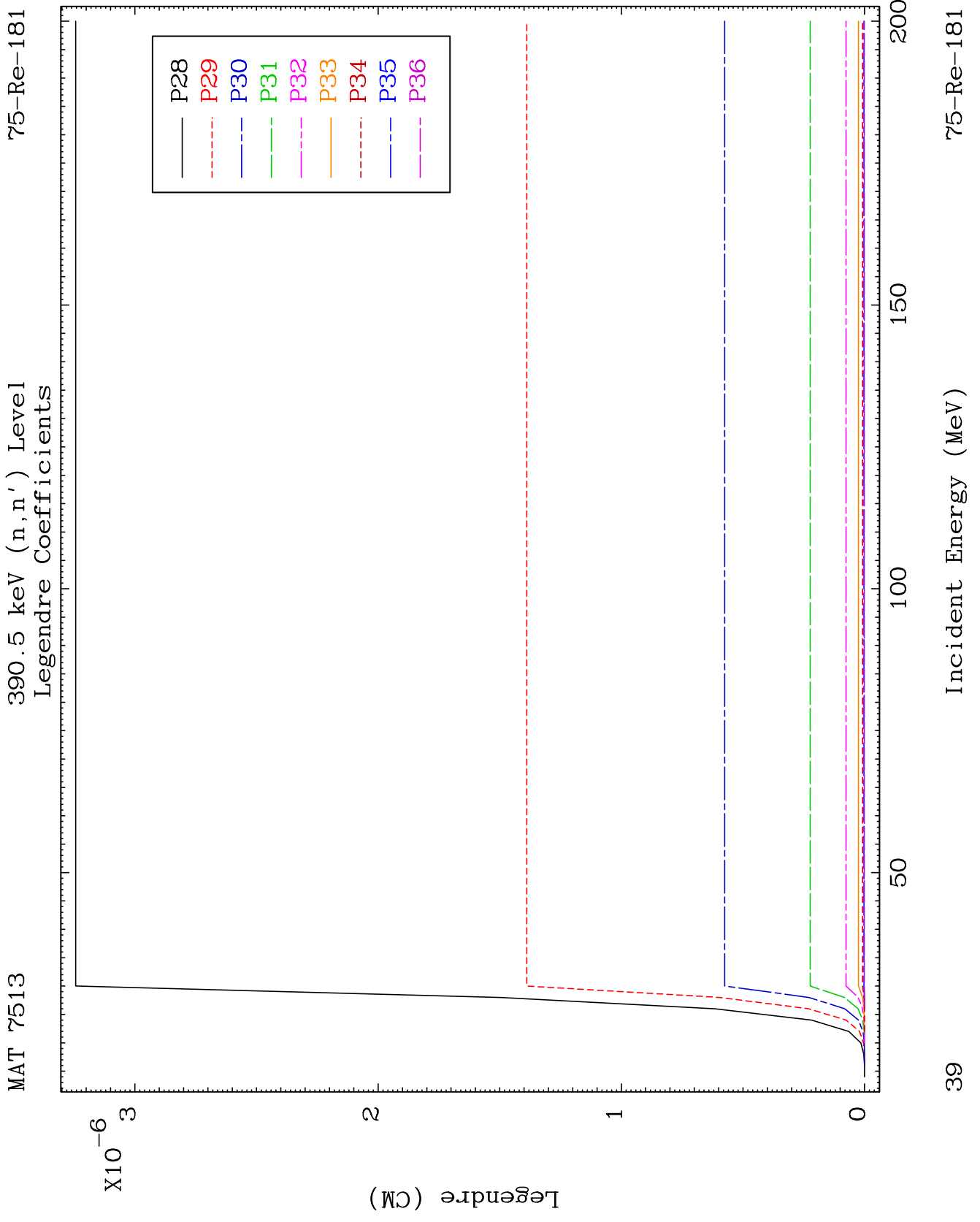
356.7 keV (n,n') Level
Legendre Coefficients

75-Re-181





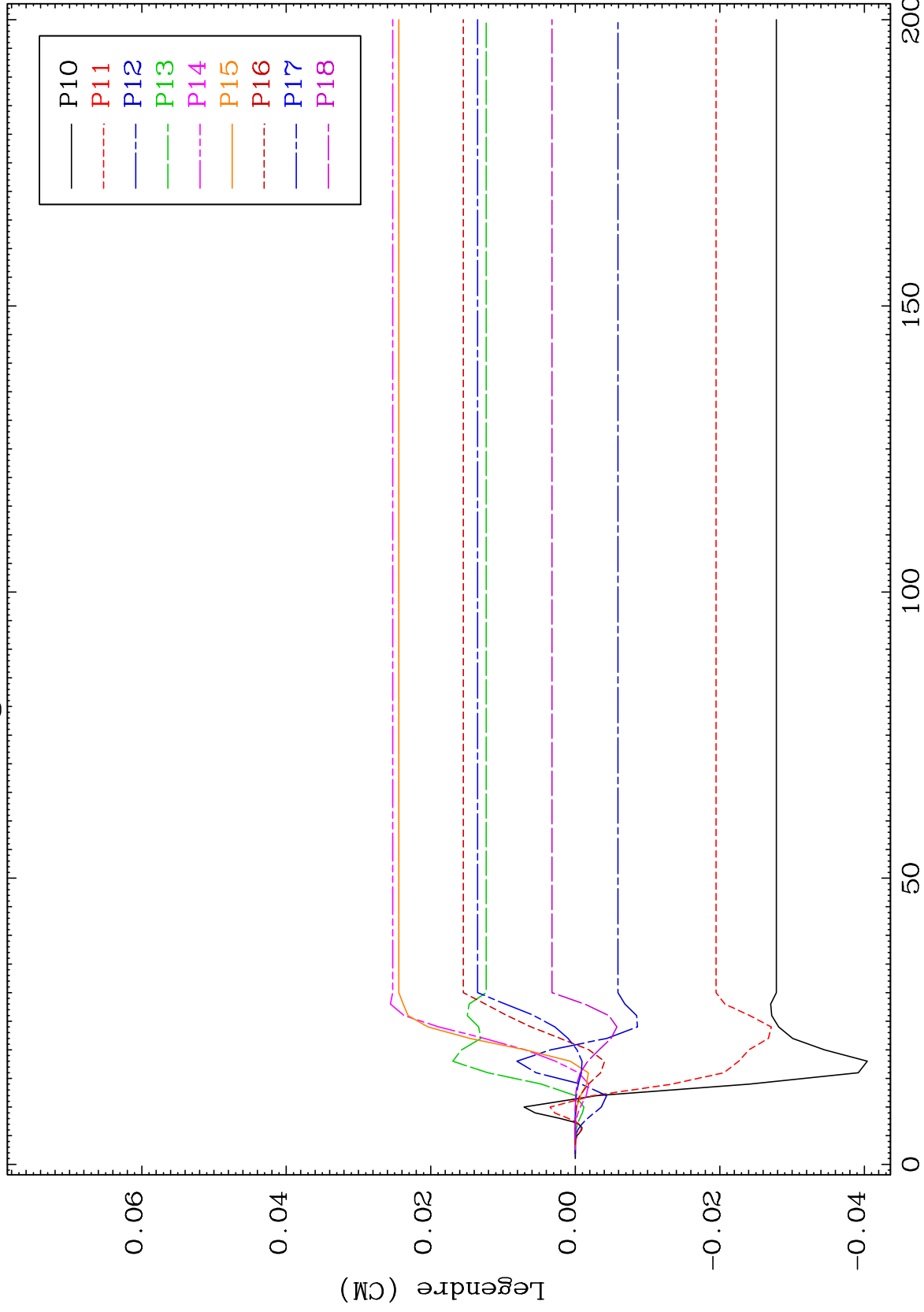




MAT 7513

427.0 keV (n,n') Level
Legendre Coefficients

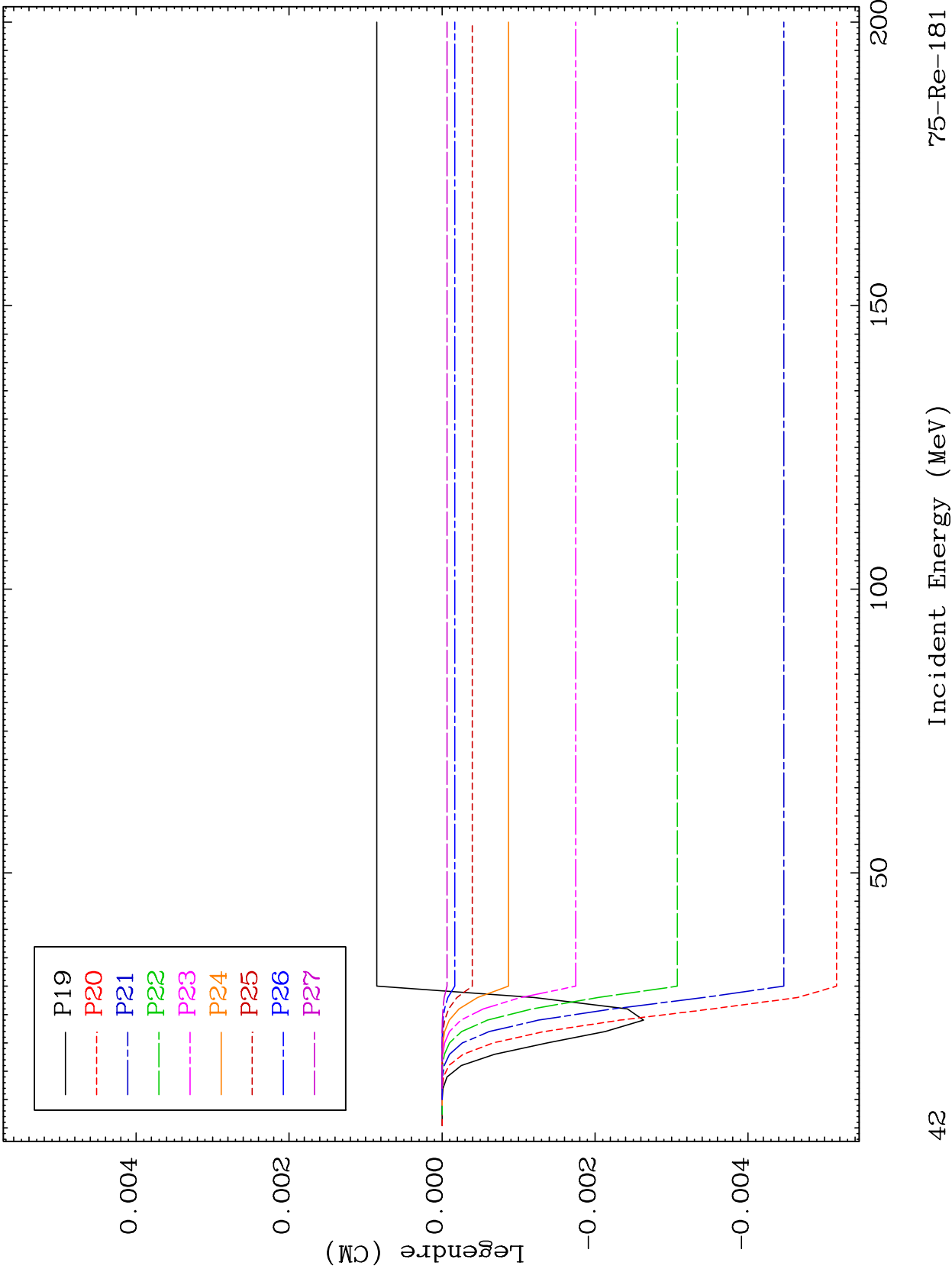
75-Re-181

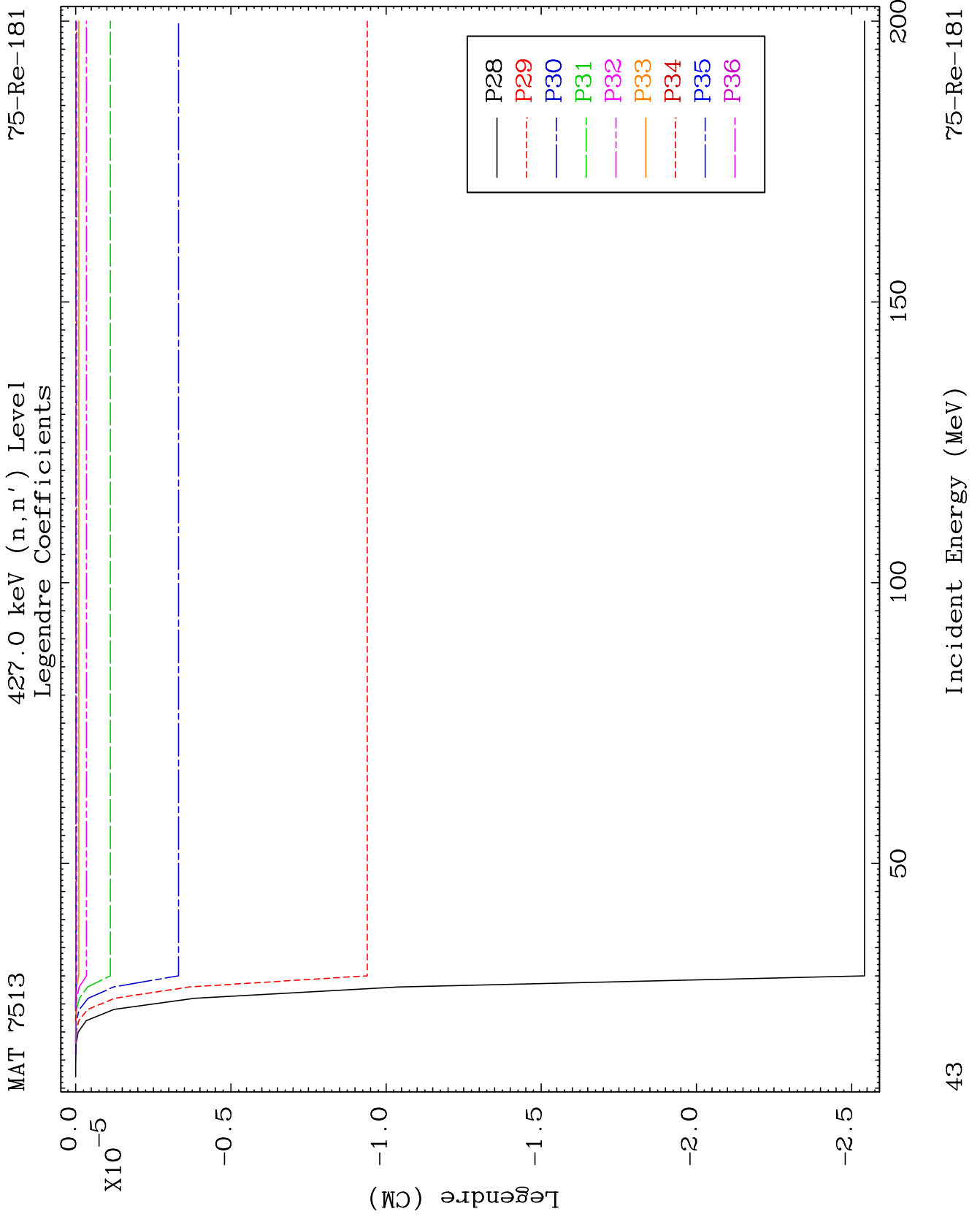


41

Incident Energy (MeV)

75-Re-181

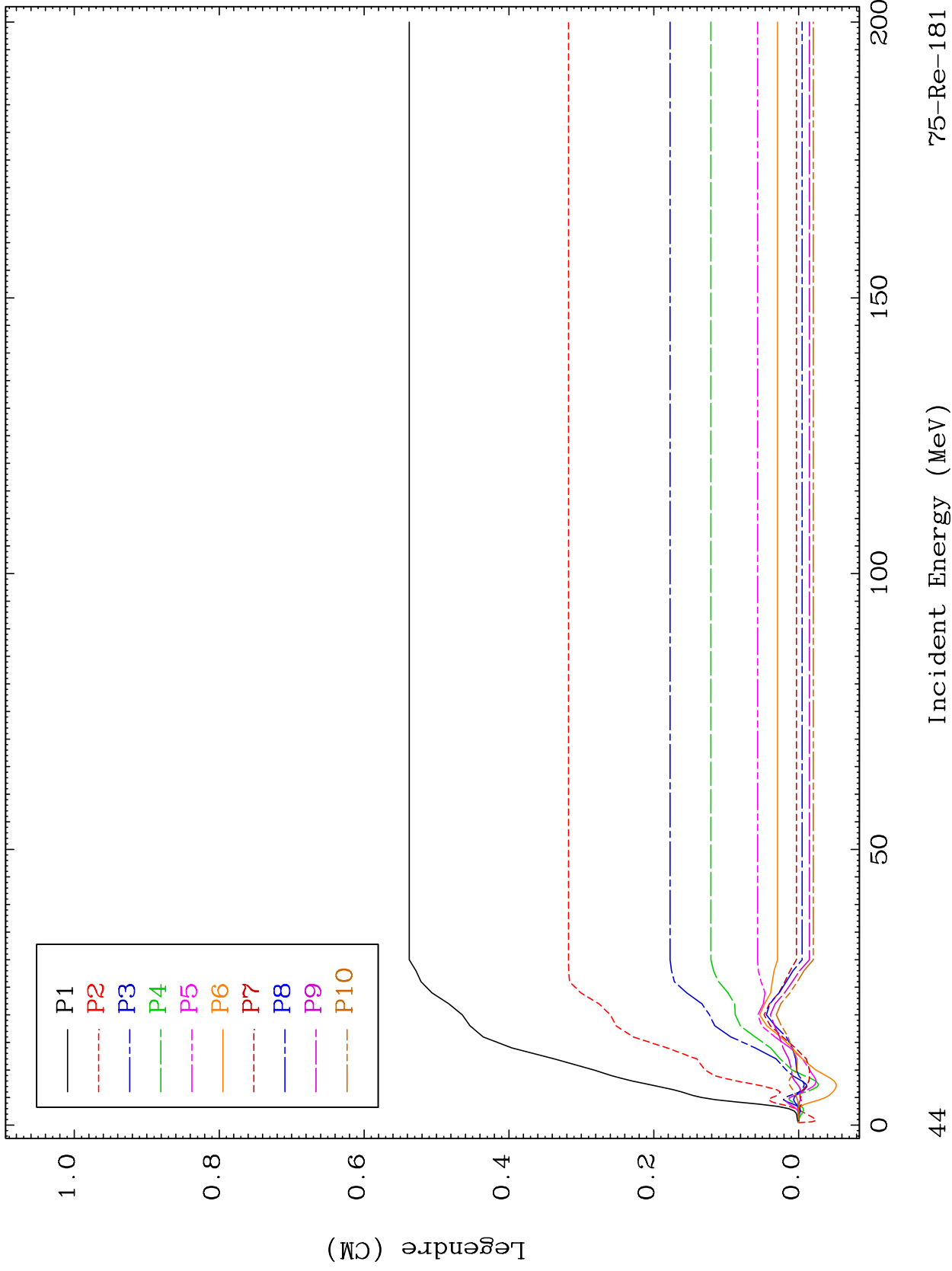




MAT 7513

432.4 keV (n,n') Level
Legendre Coefficients

75-Re-181



44

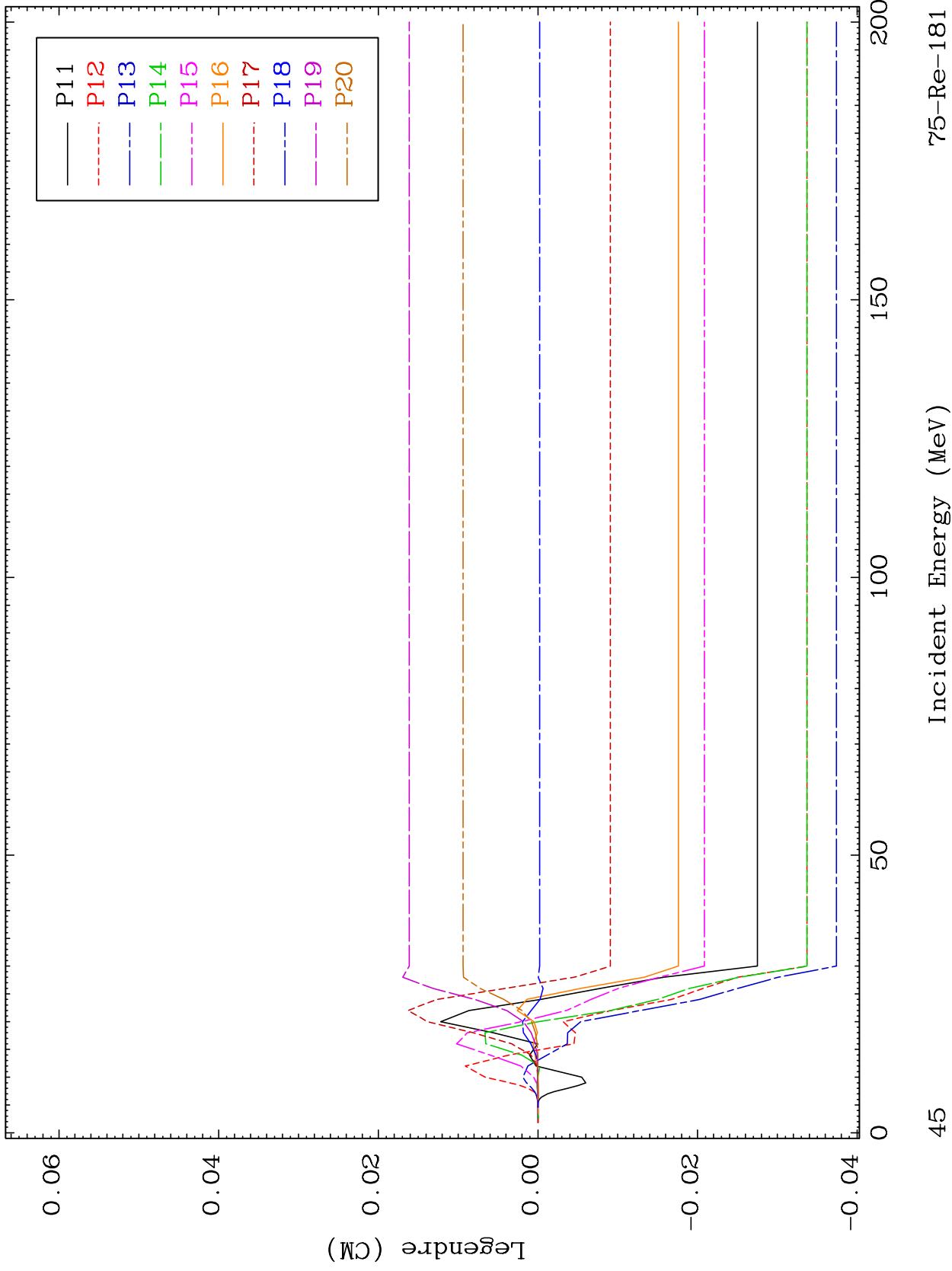
Incident Energy (MeV)

75-Re-181

MAT 7513

432.4 keV (n,n') Level
Legendre Coefficients

75-Re-181



75-Re-181

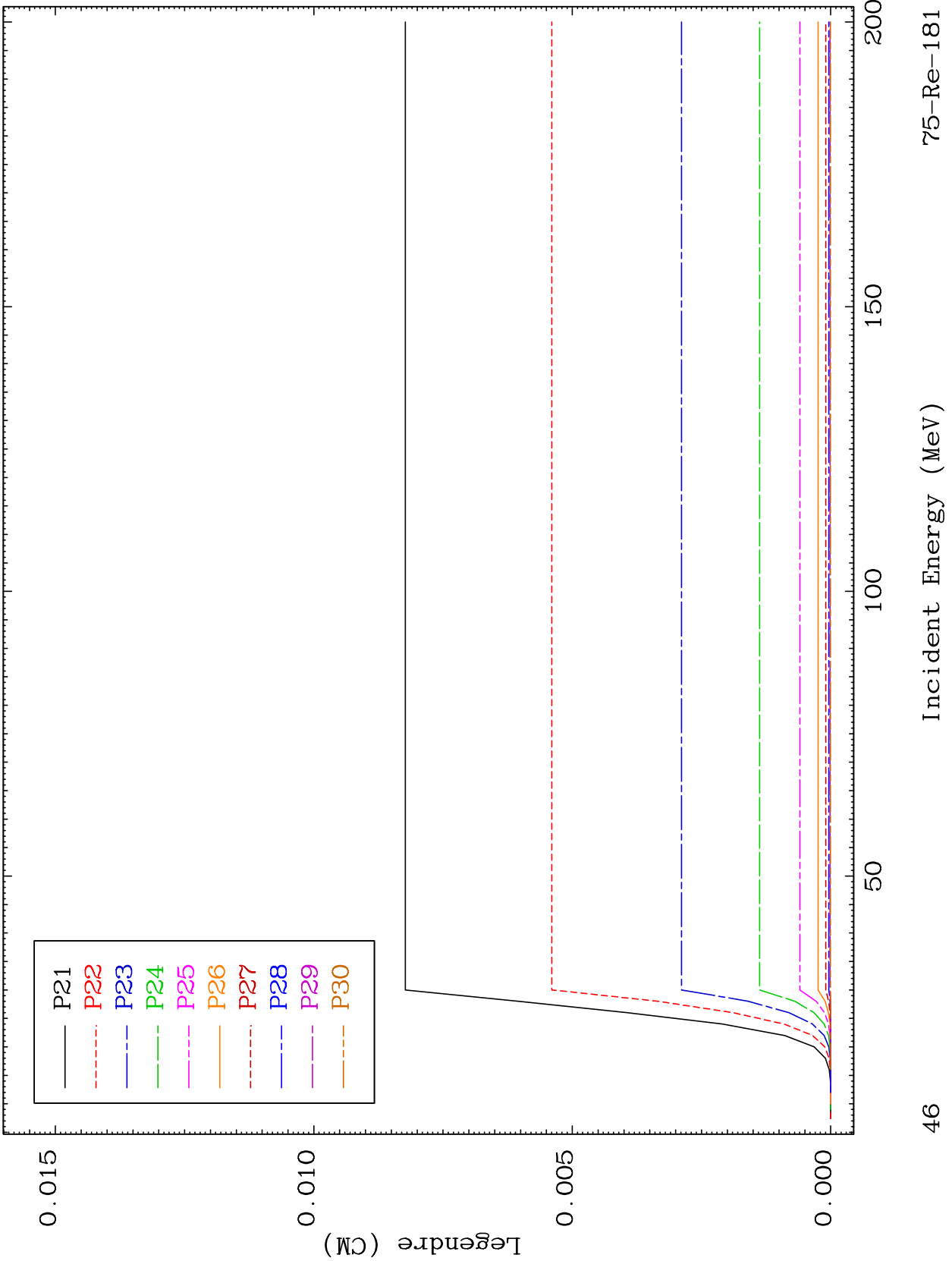
Incident Energy (MeV)

45

MAT 7513

432.4 keV (n,n') Level
Legendre Coefficients

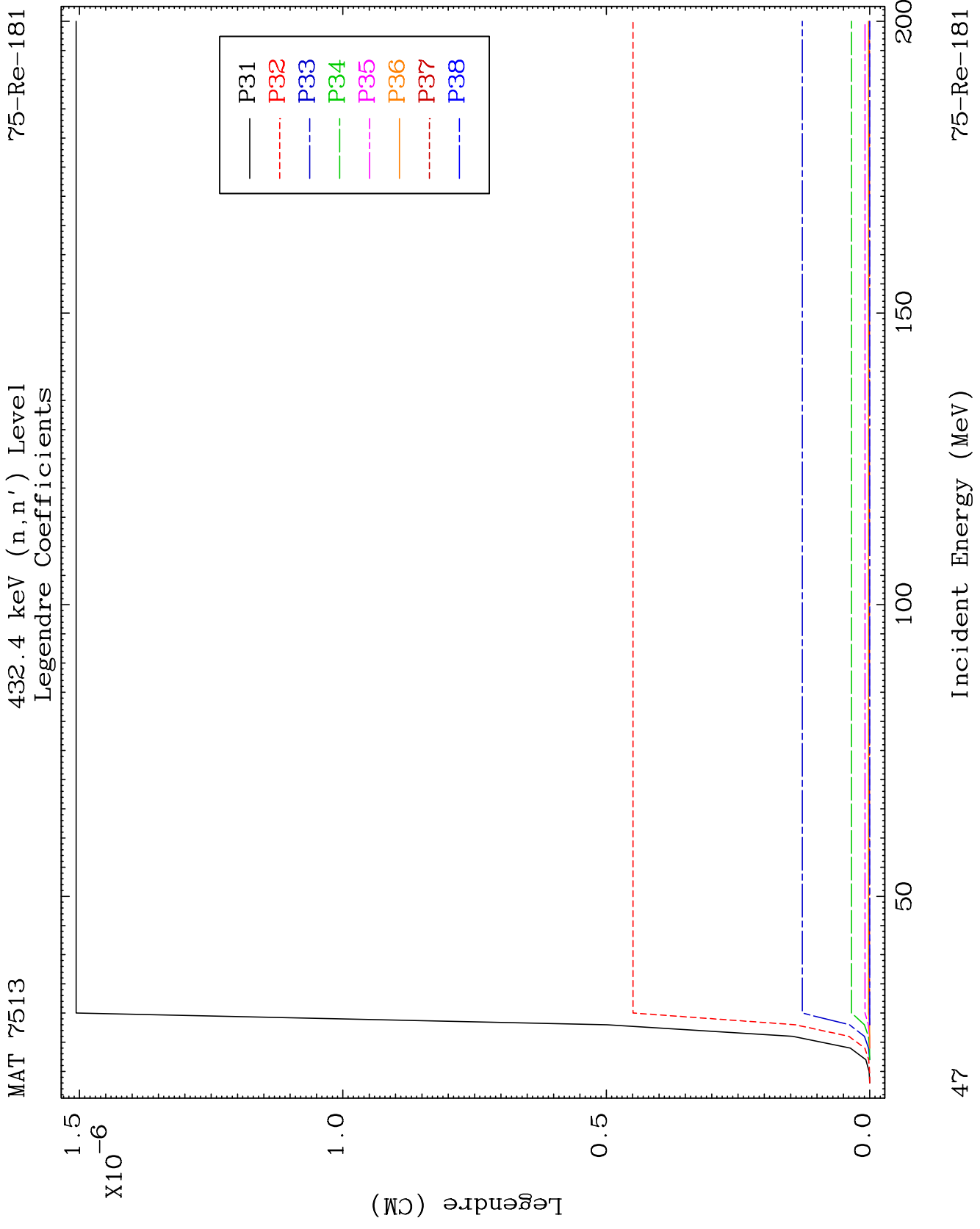
75-Re-181



46

Incident Energy (MeV)

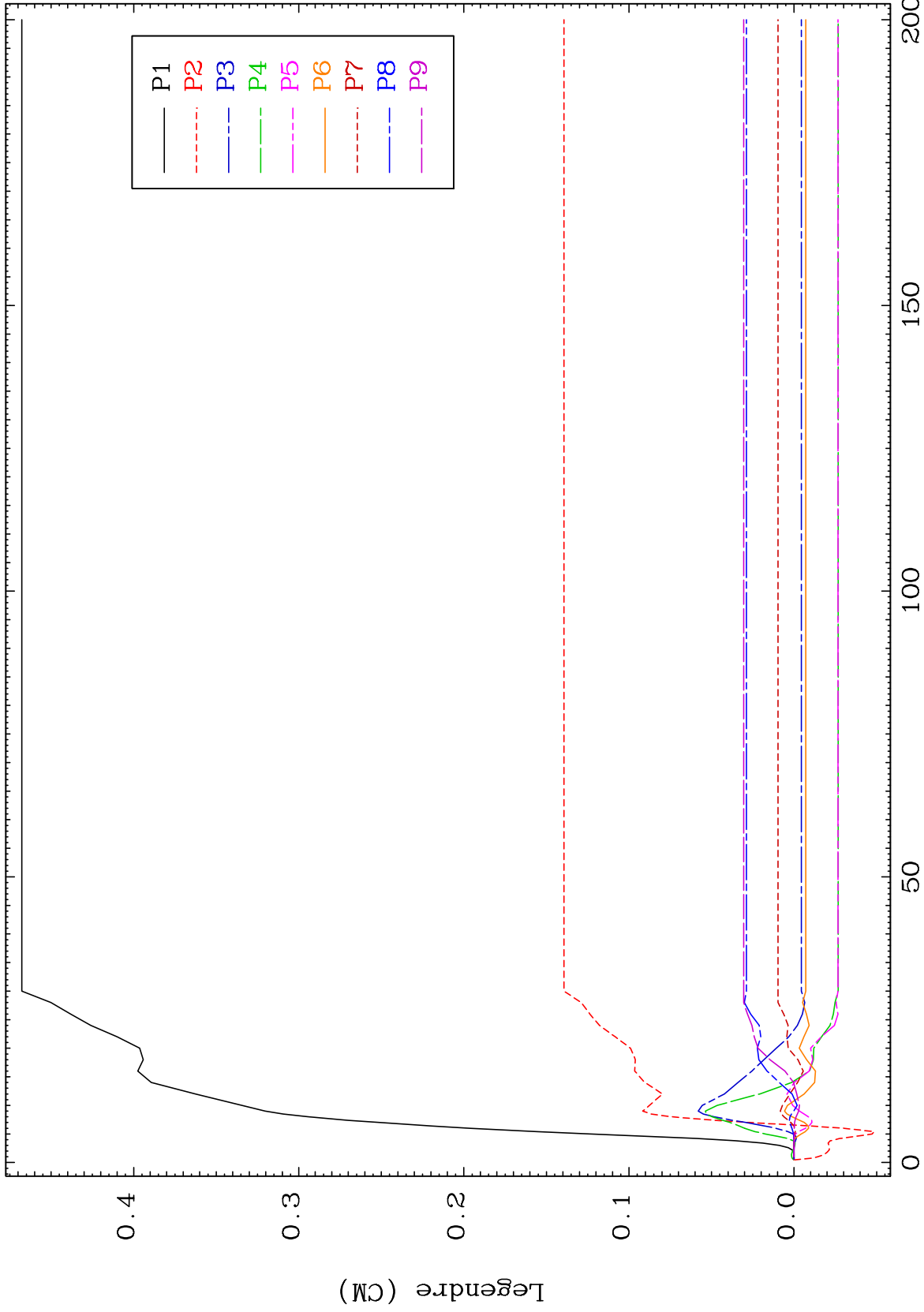
75-Re-181



MAT 7513

443.6 keV (n,n') Level
Legendre Coefficients

75-Re-181



48

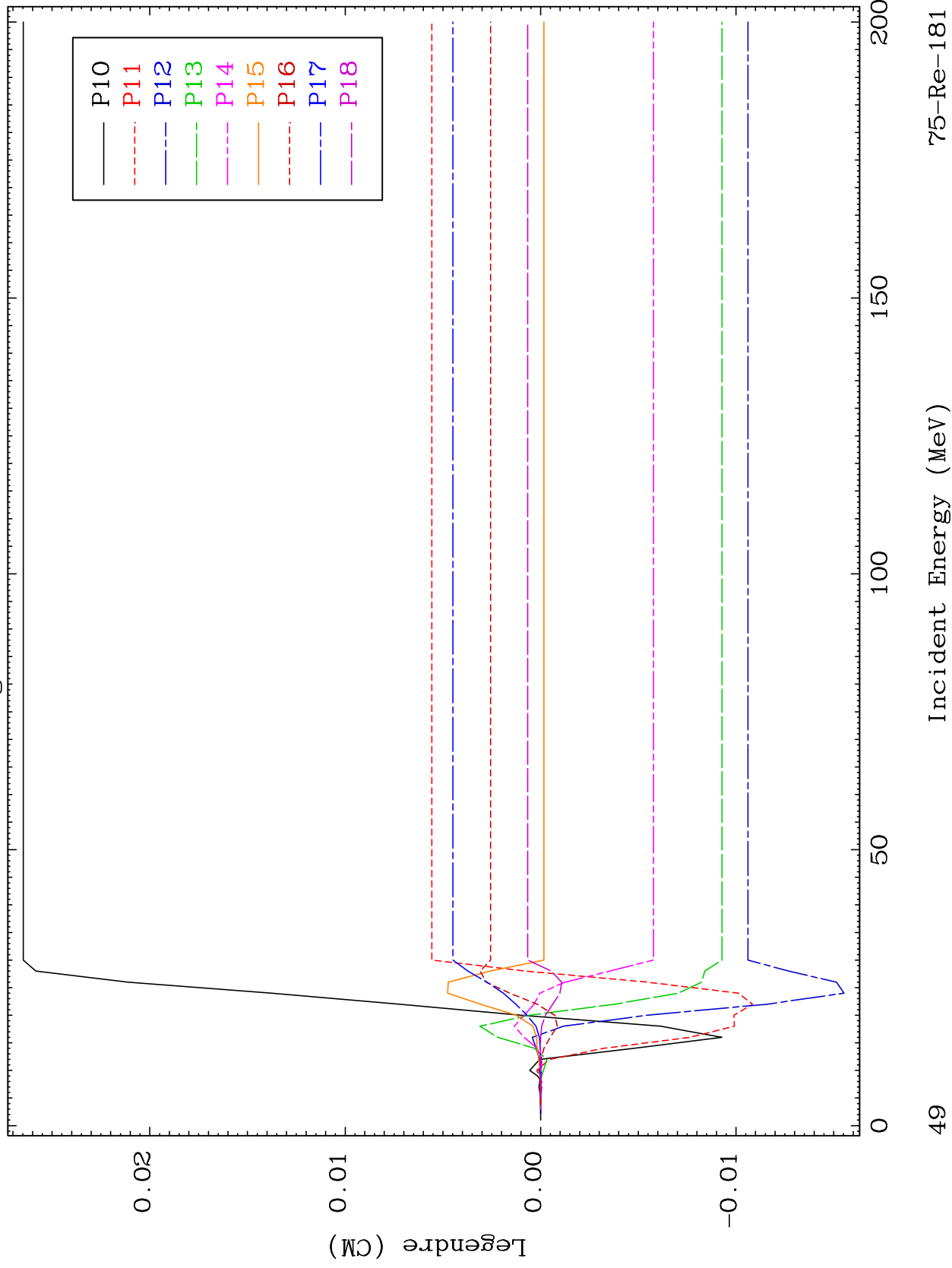
Incident Energy (MeV)

75-Re-181

MAT 7513

443.6 keV (n,n') Level
Legendre Coefficients

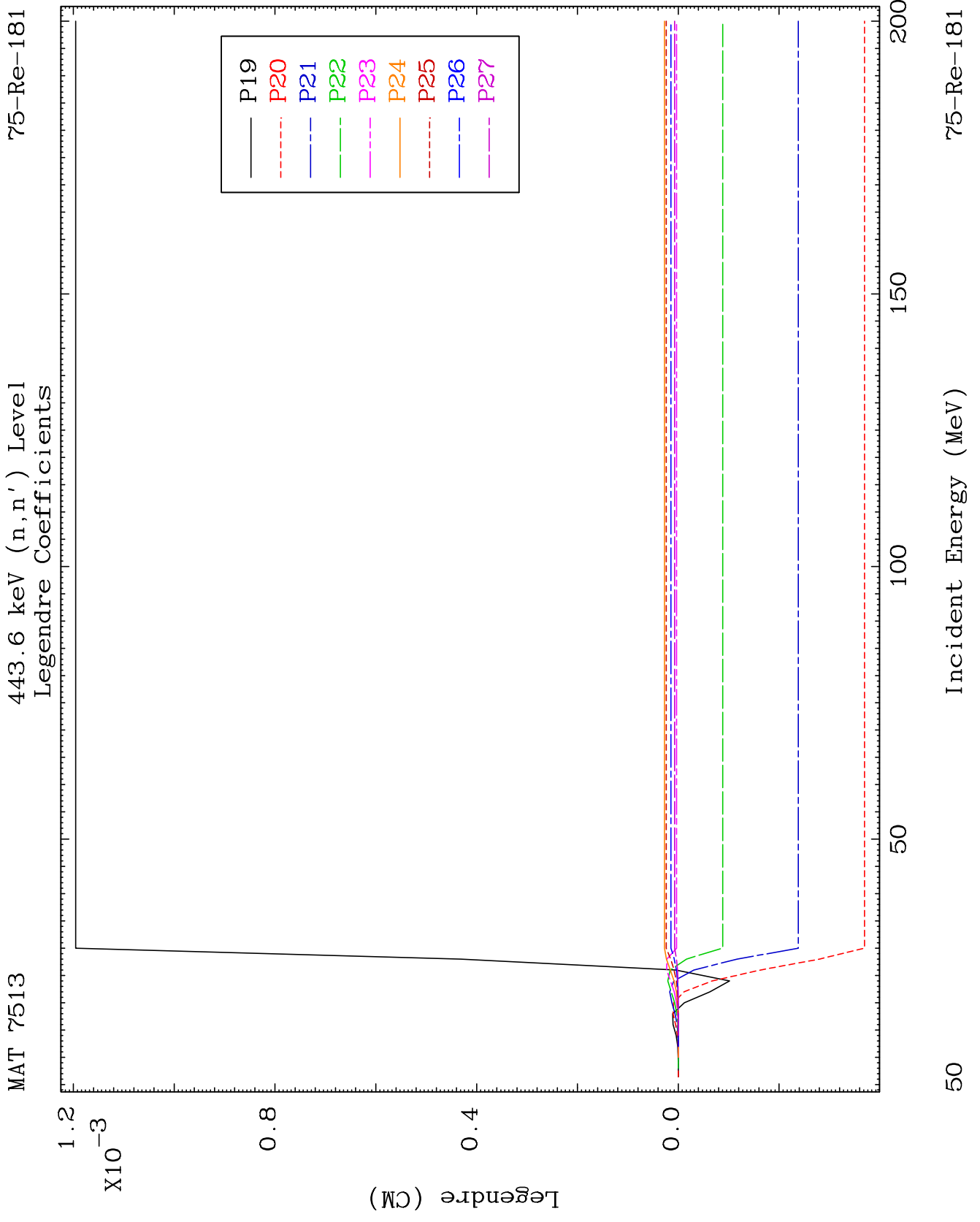
75-Re-181



49

Incident Energy (MeV)

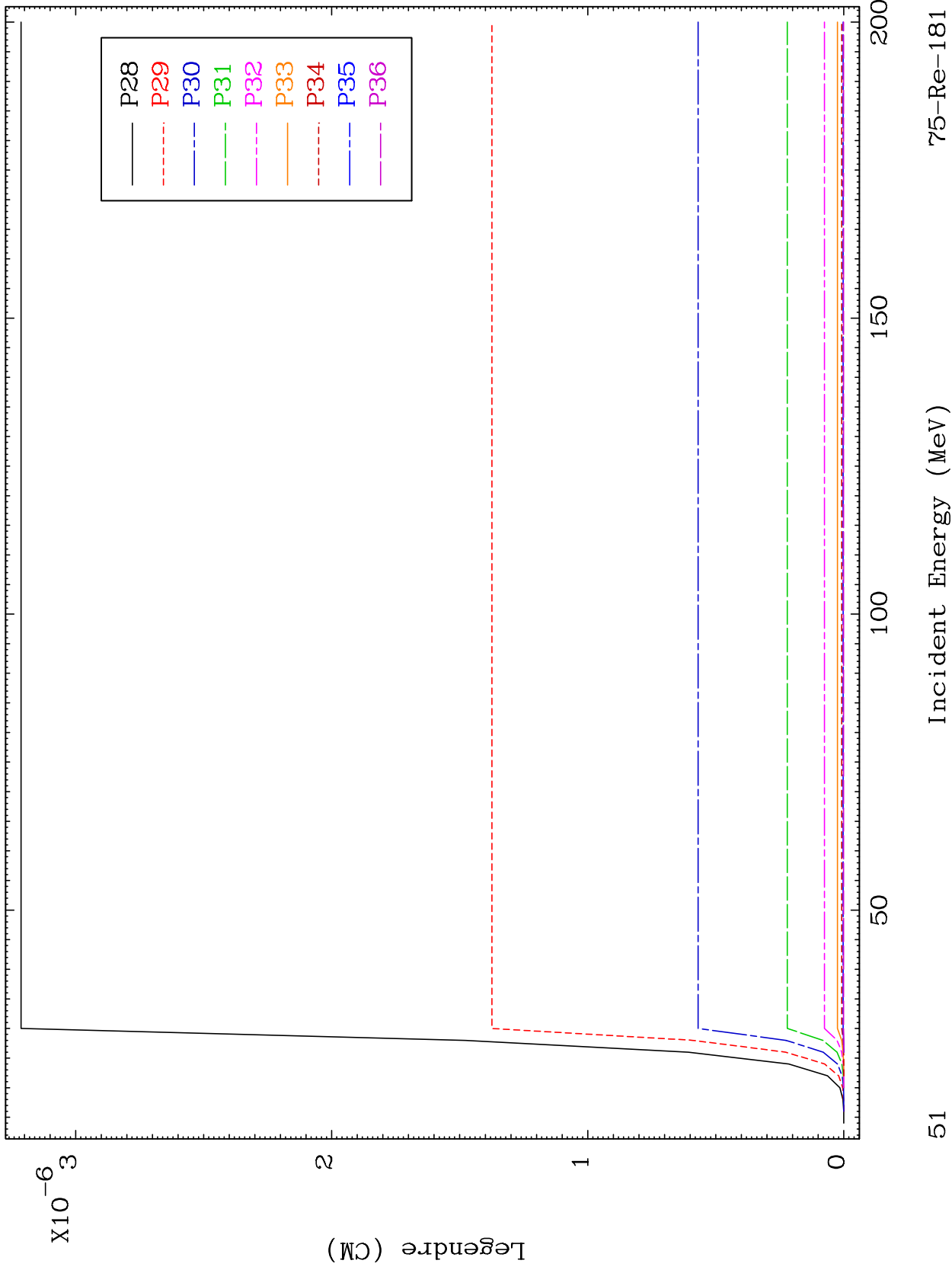
75-Re-181



MAT 7513

443.6 keV (n,n') Level
Legendre Coefficients

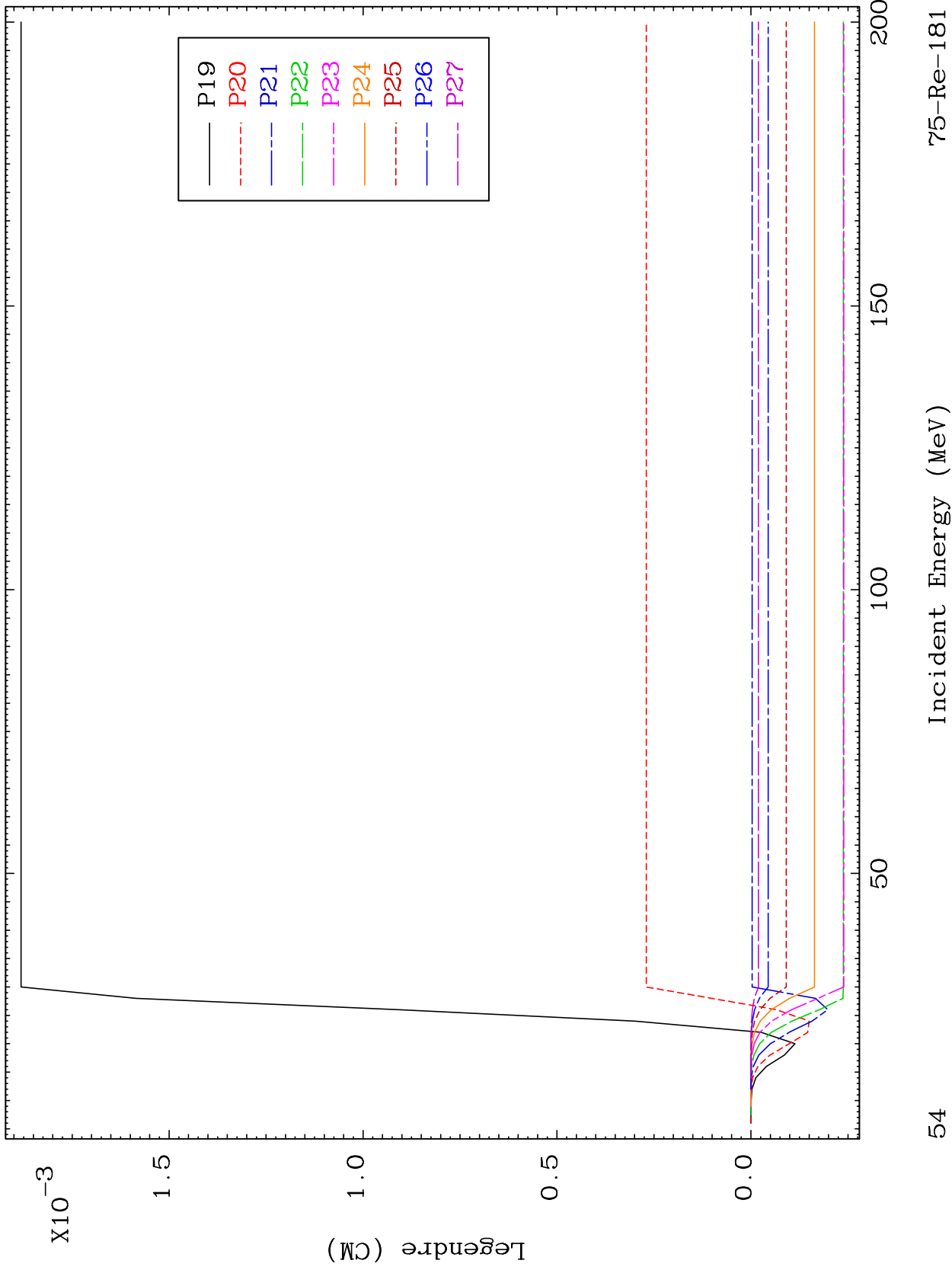
75-Re-181



MAT 7513

546.4 keV (n, n') Level
Legendre Coefficients

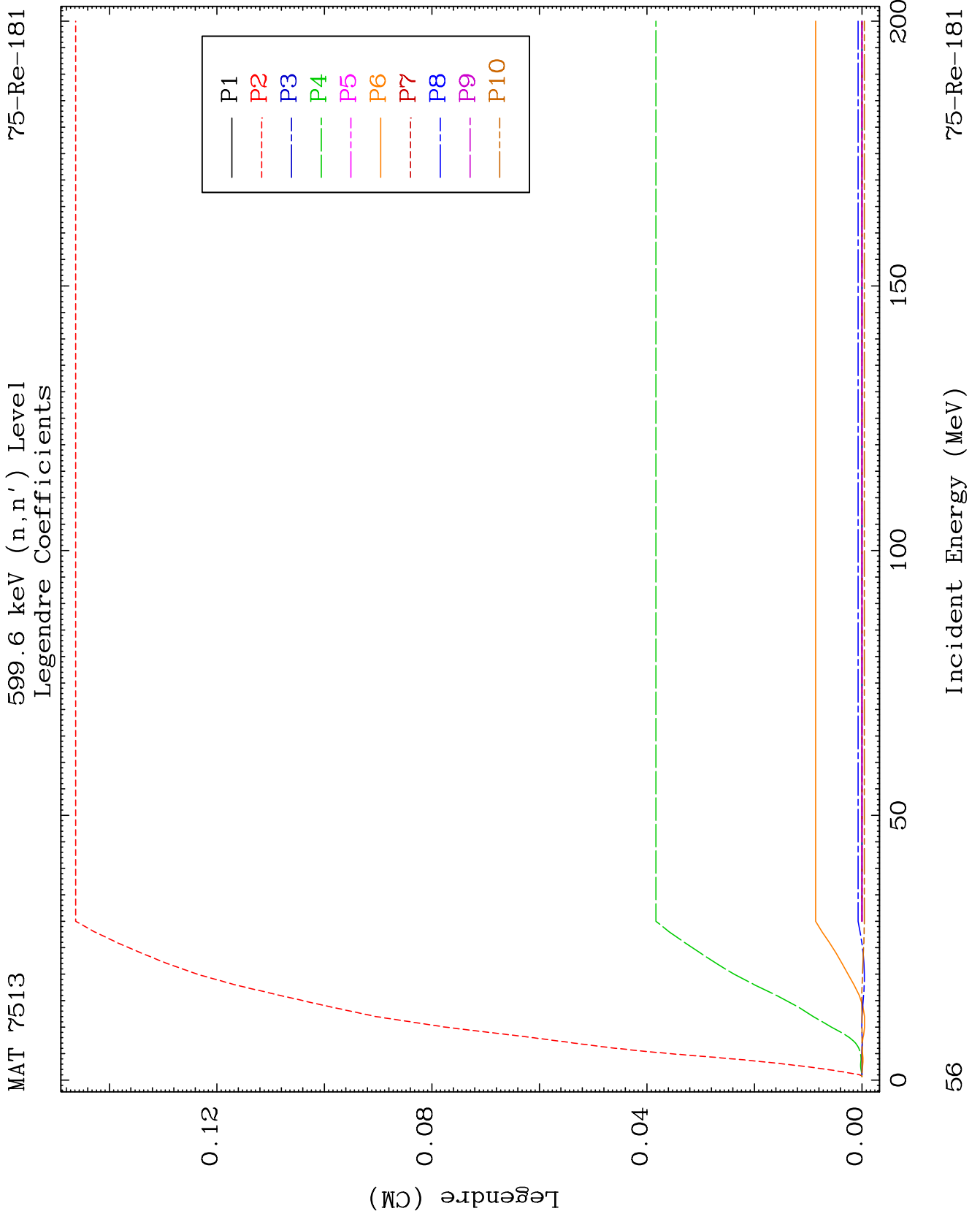
75-Re-181



54

Incident Energy (MeV)

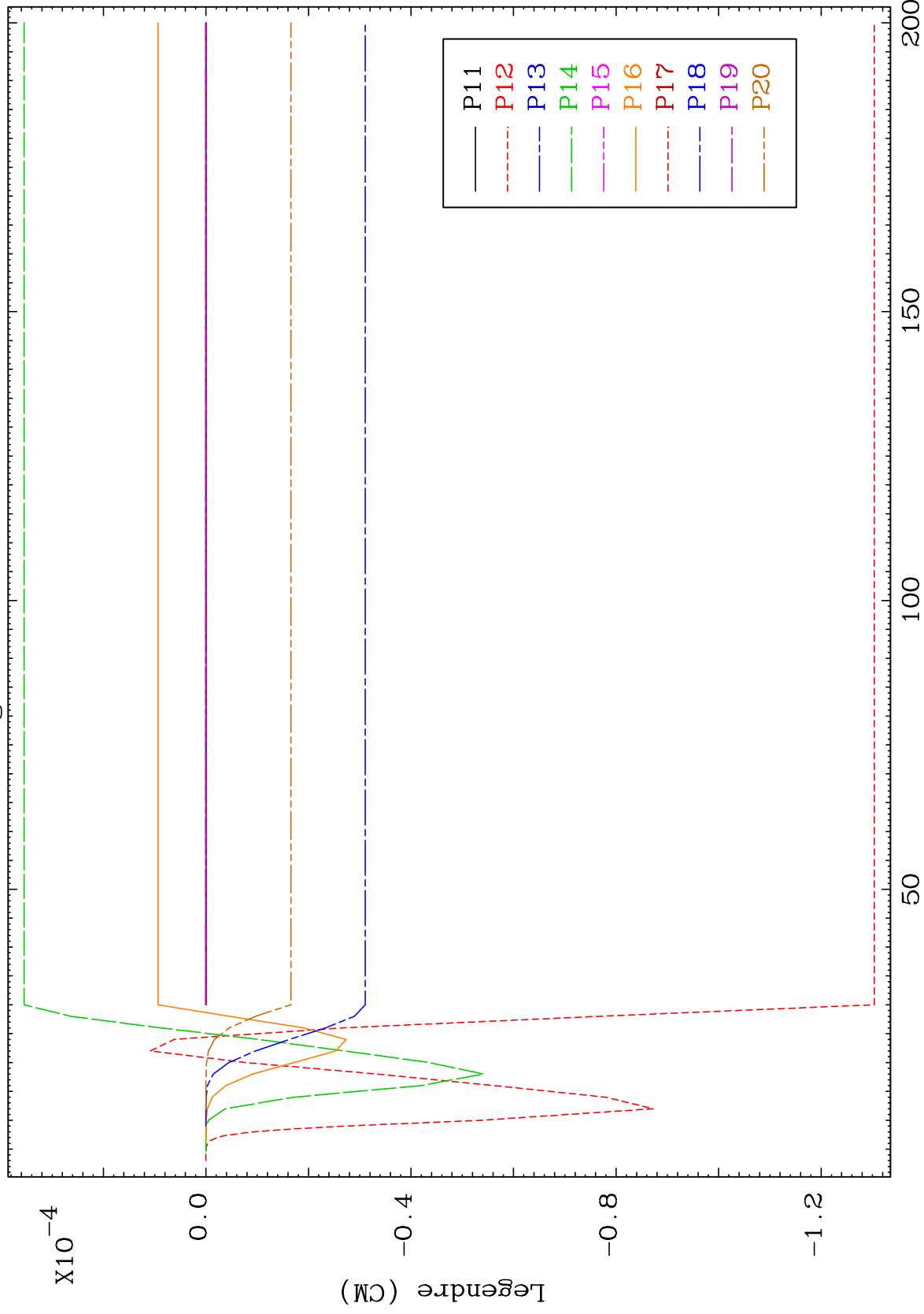
75-Re-181



MAT 7513

599.6 keV (n,n') Level
Legendre Coefficients

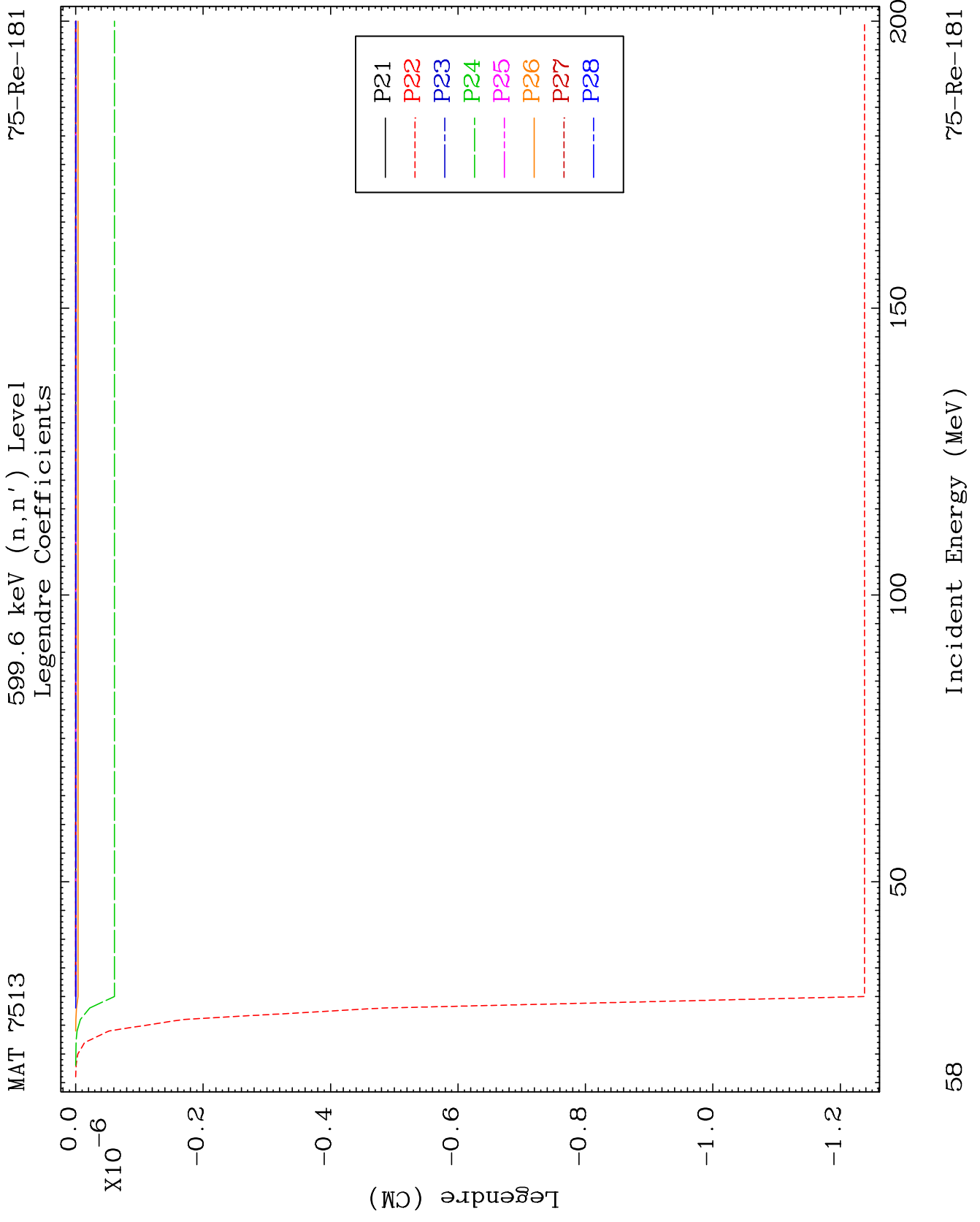
75-Re-181

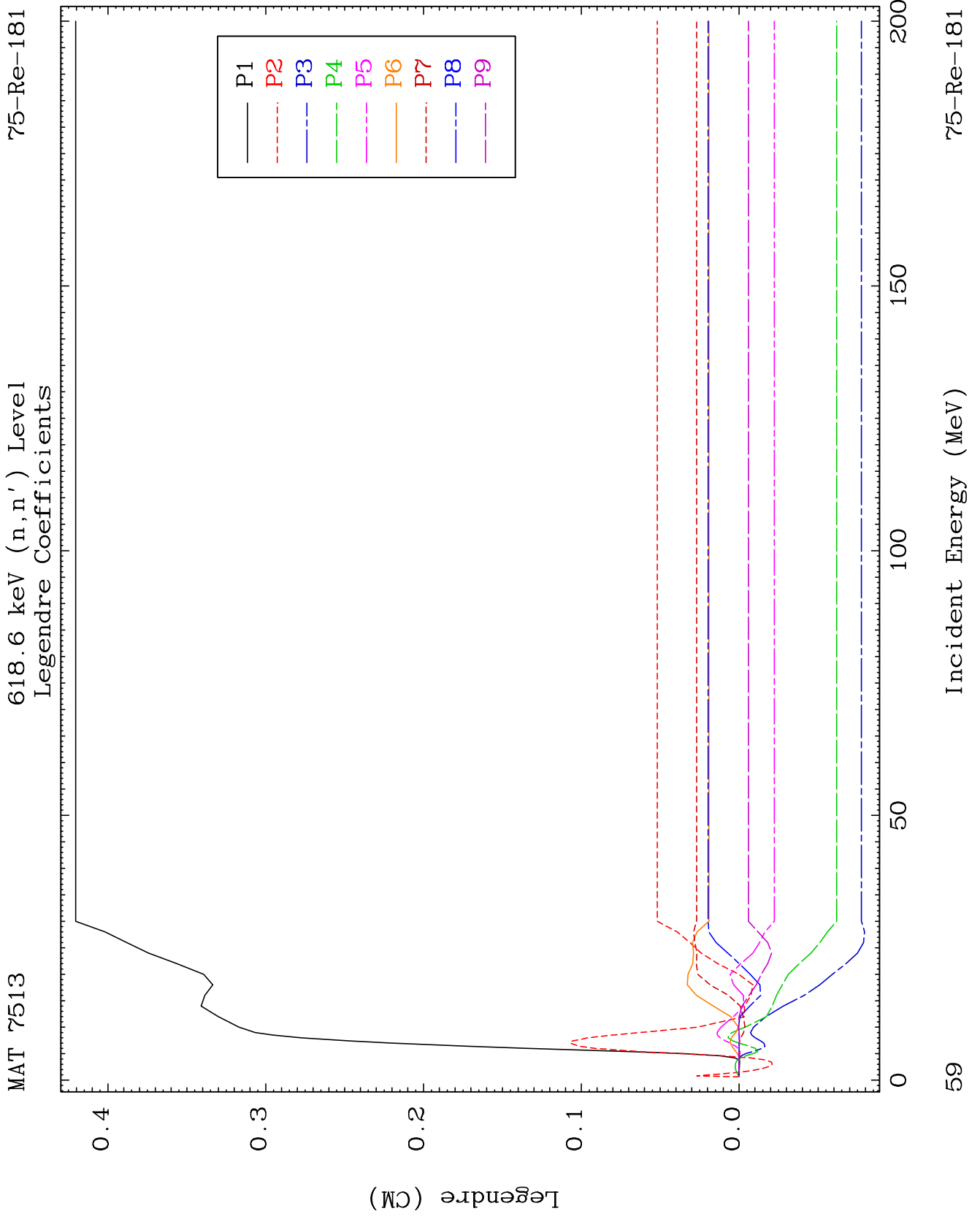


57

Incident Energy (MeV)

75-Re-181

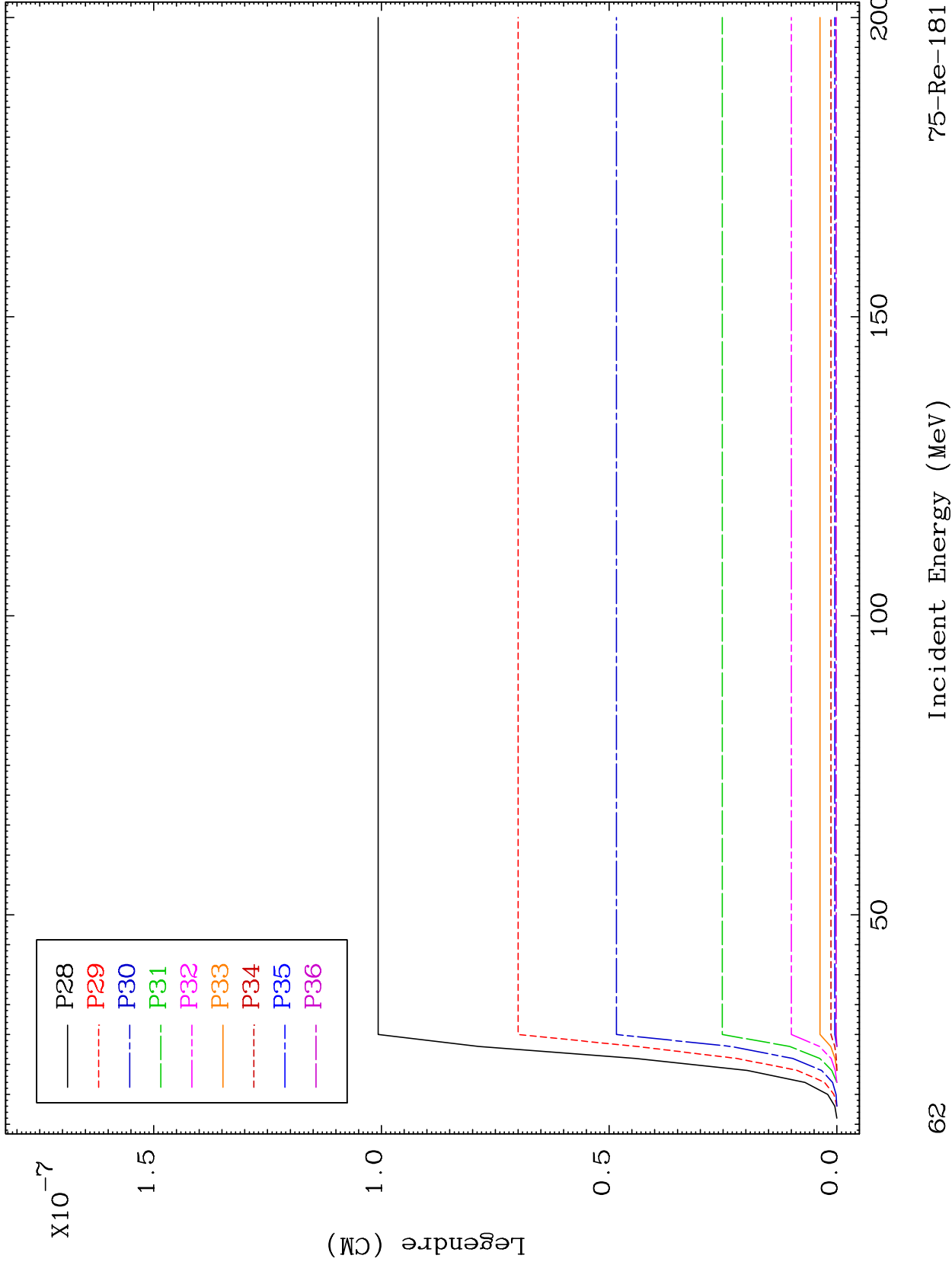




MAT 7513

618.6 keV (n,n') Level
Legendre Coefficients

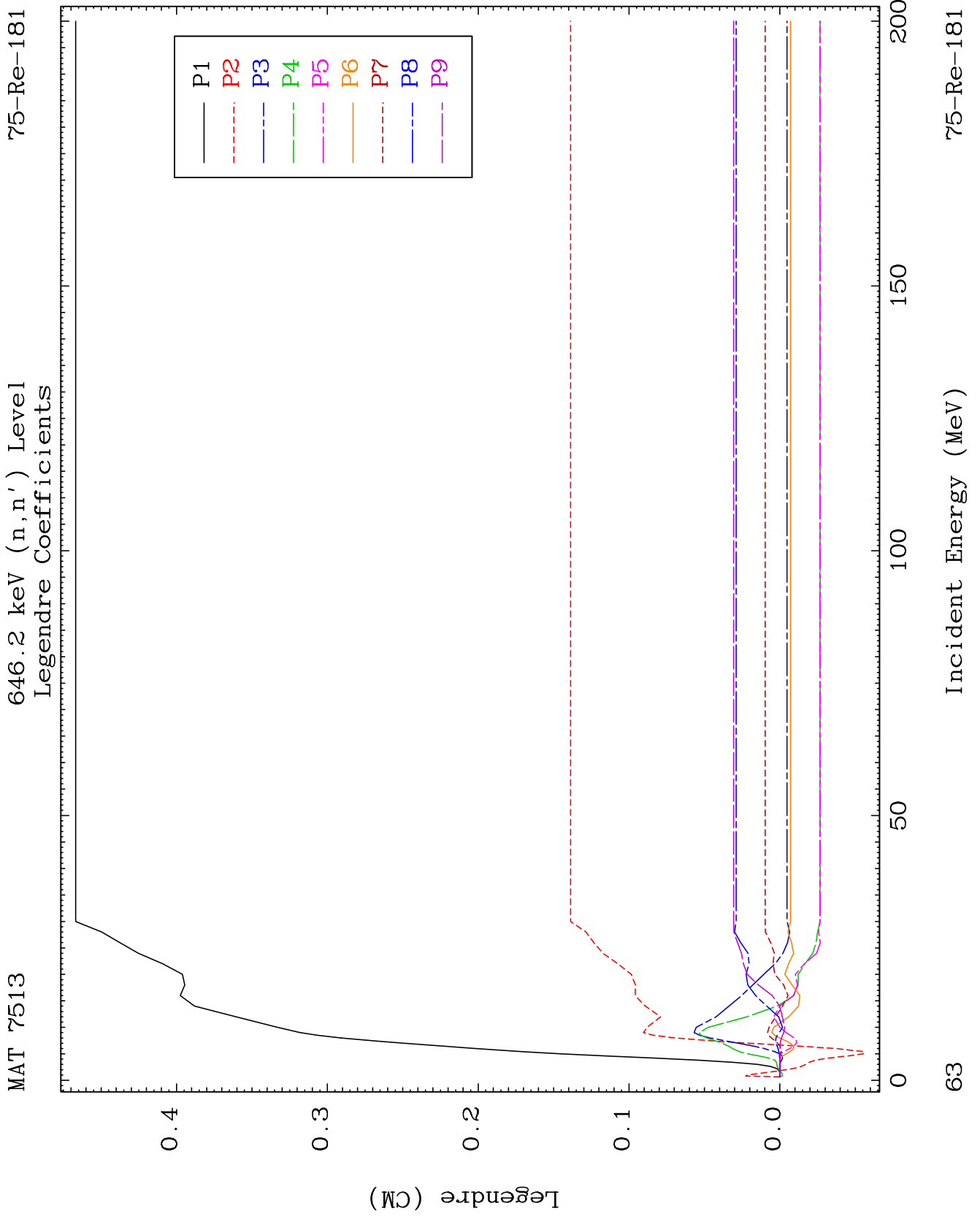
75-Re-181

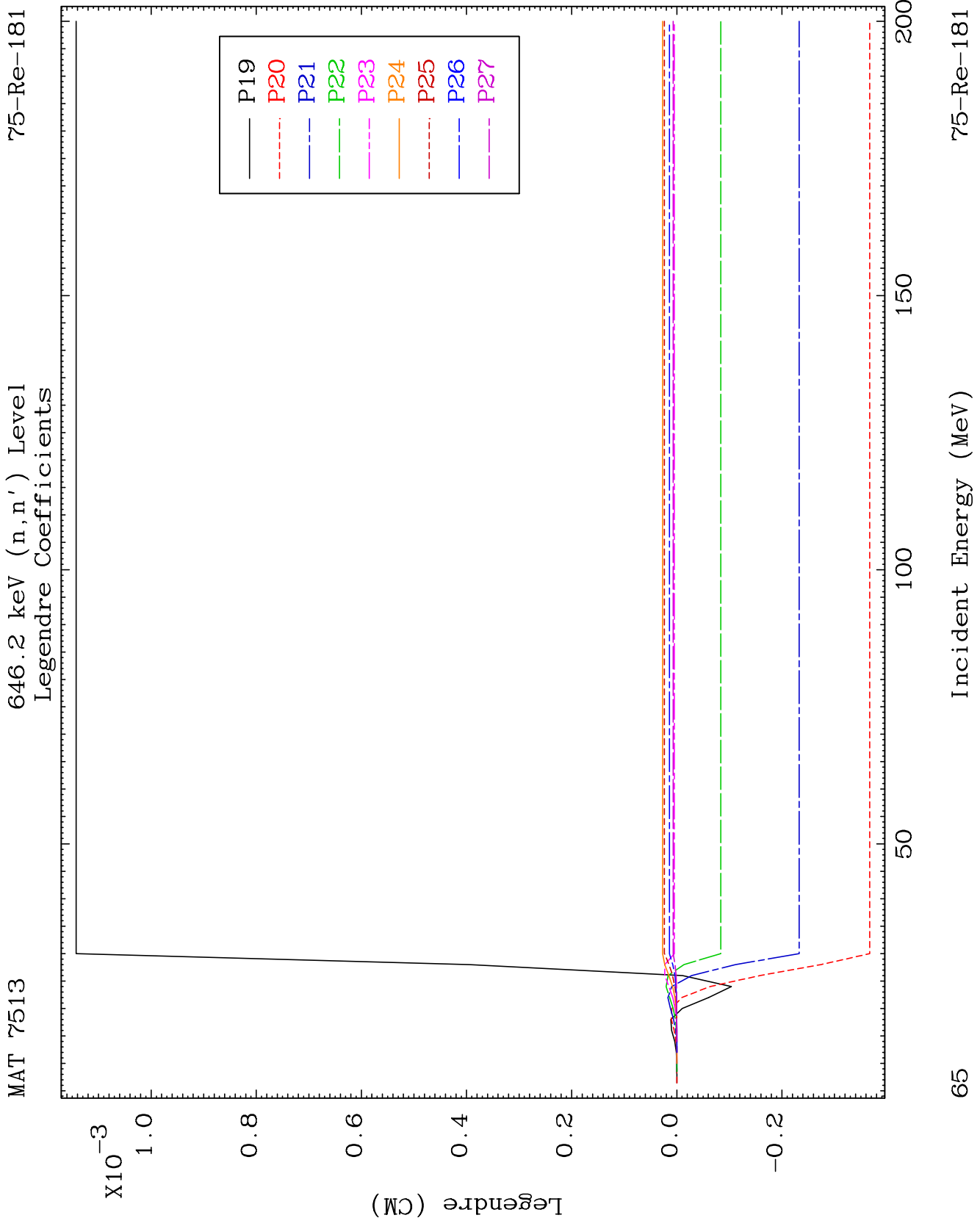


62

Incident Energy (MeV)

75-Re-181

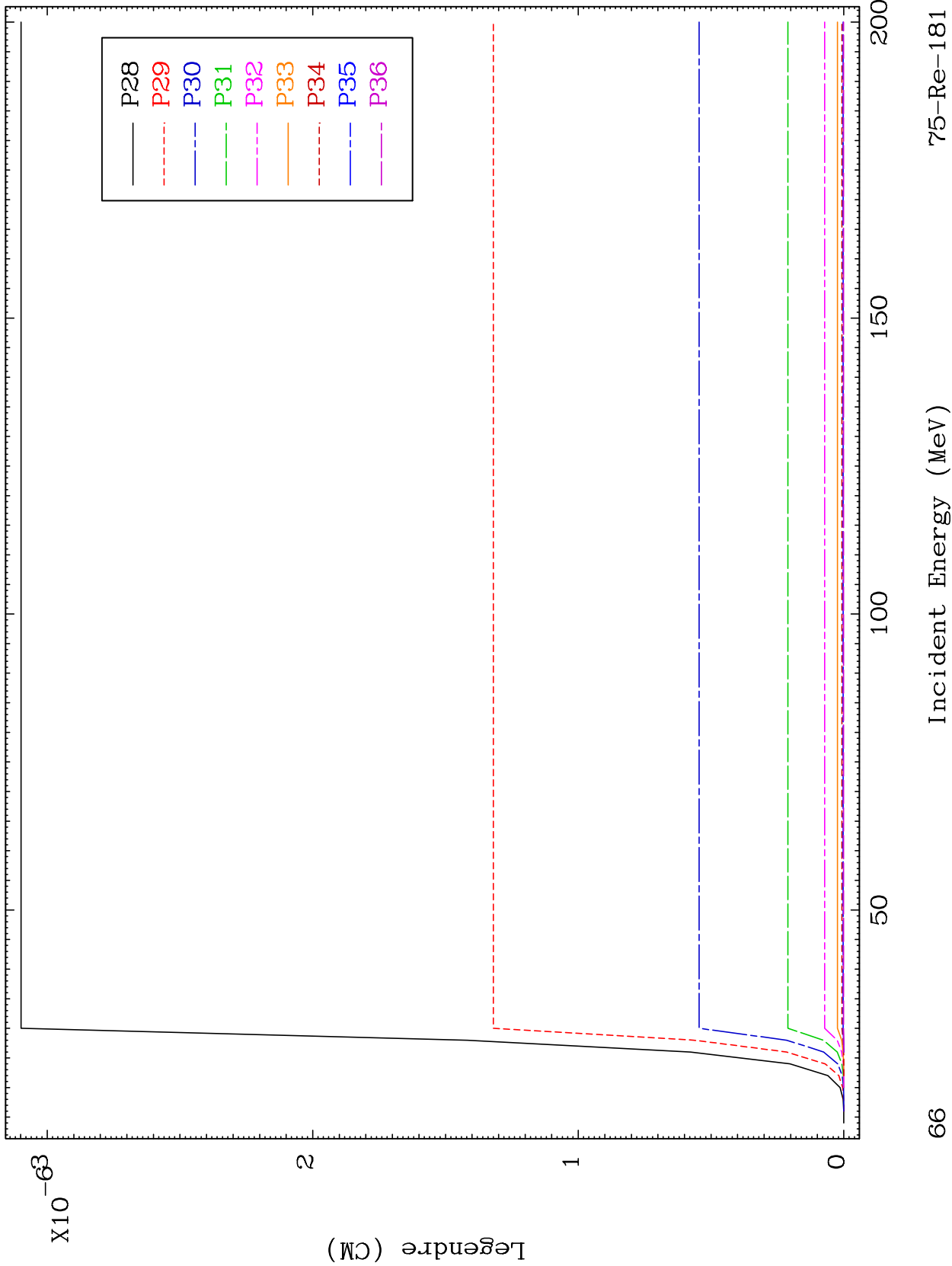


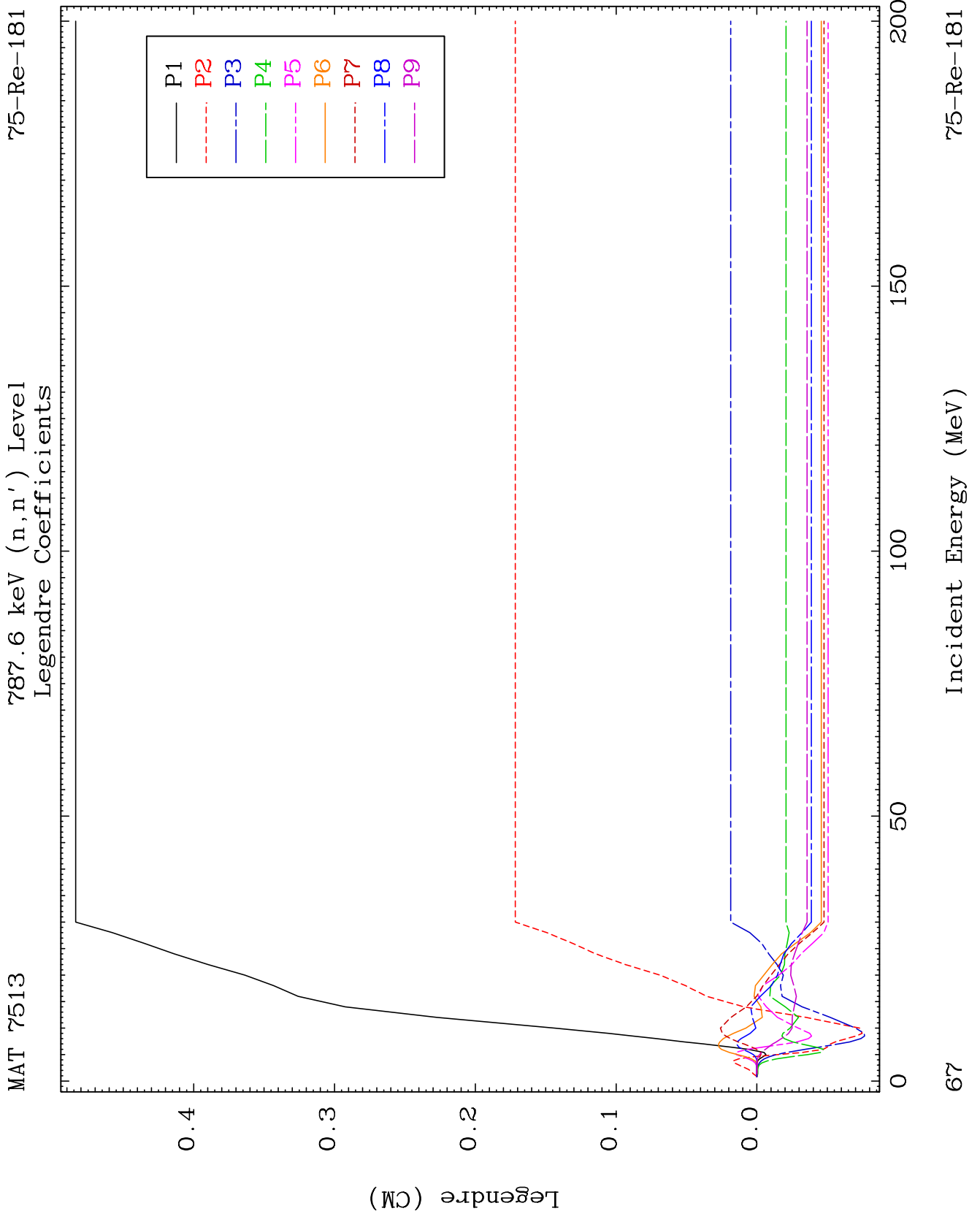


MAT 7513

646.2 keV (n,n') Level
Legendre Coefficients

75-Re-181

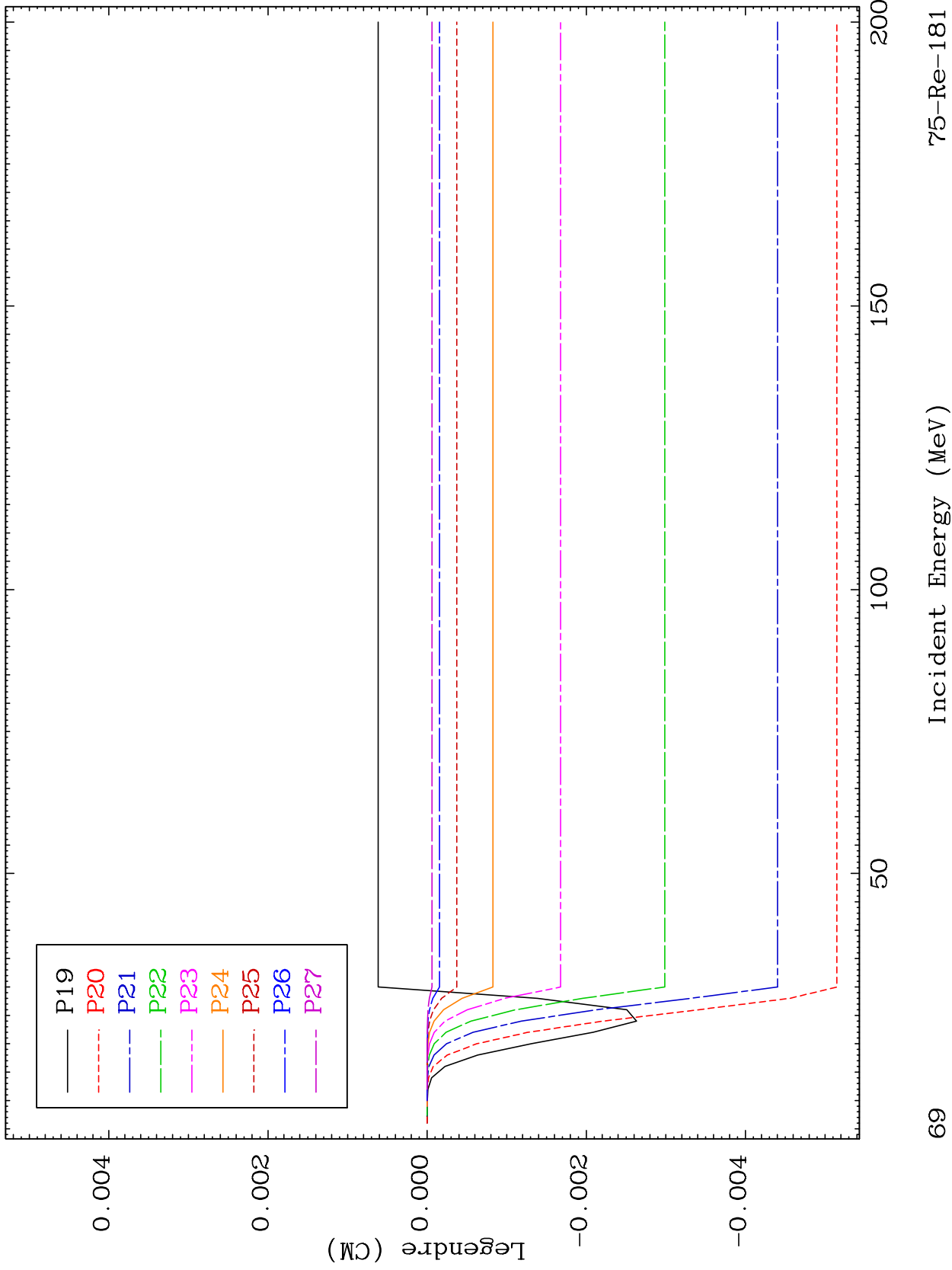


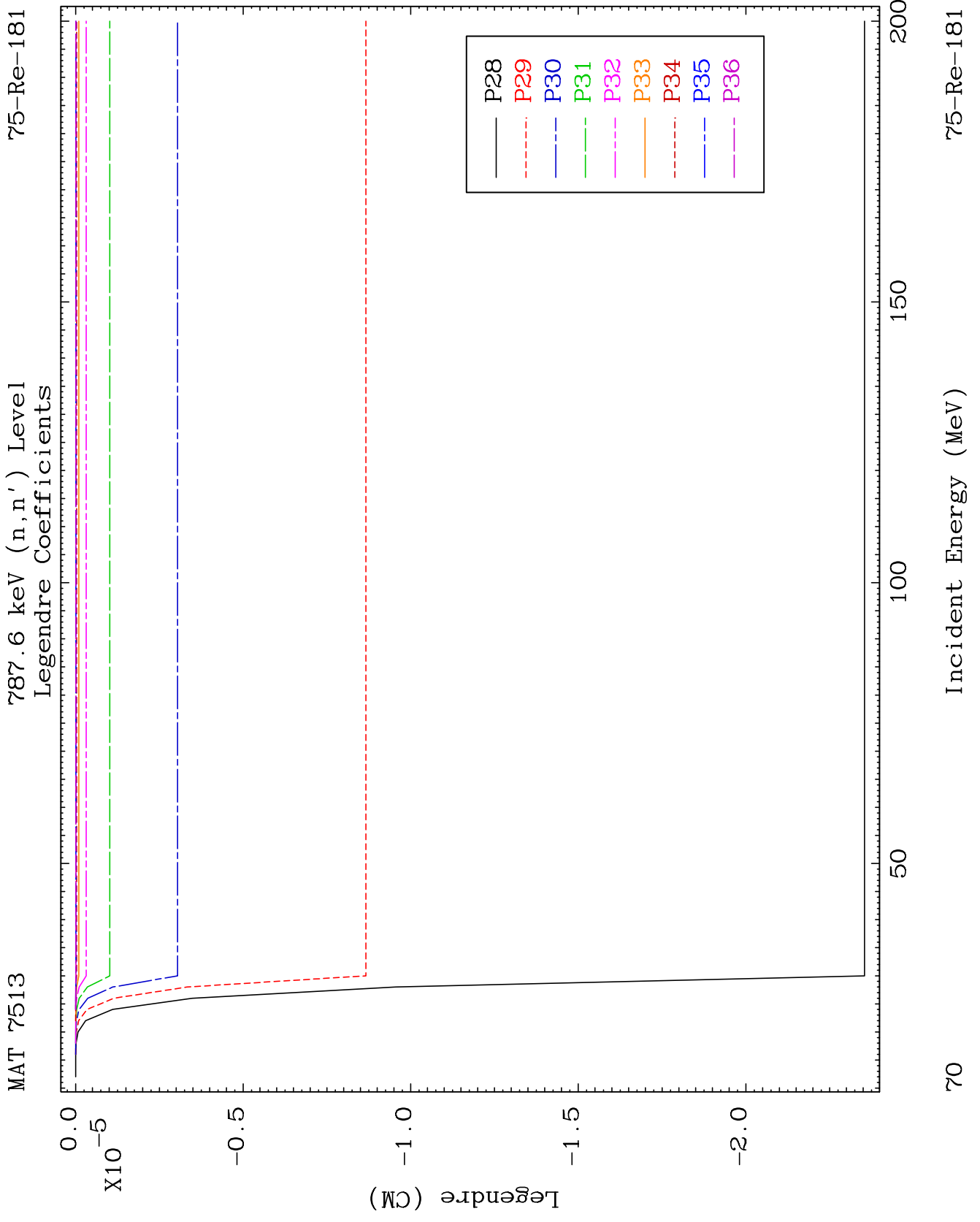


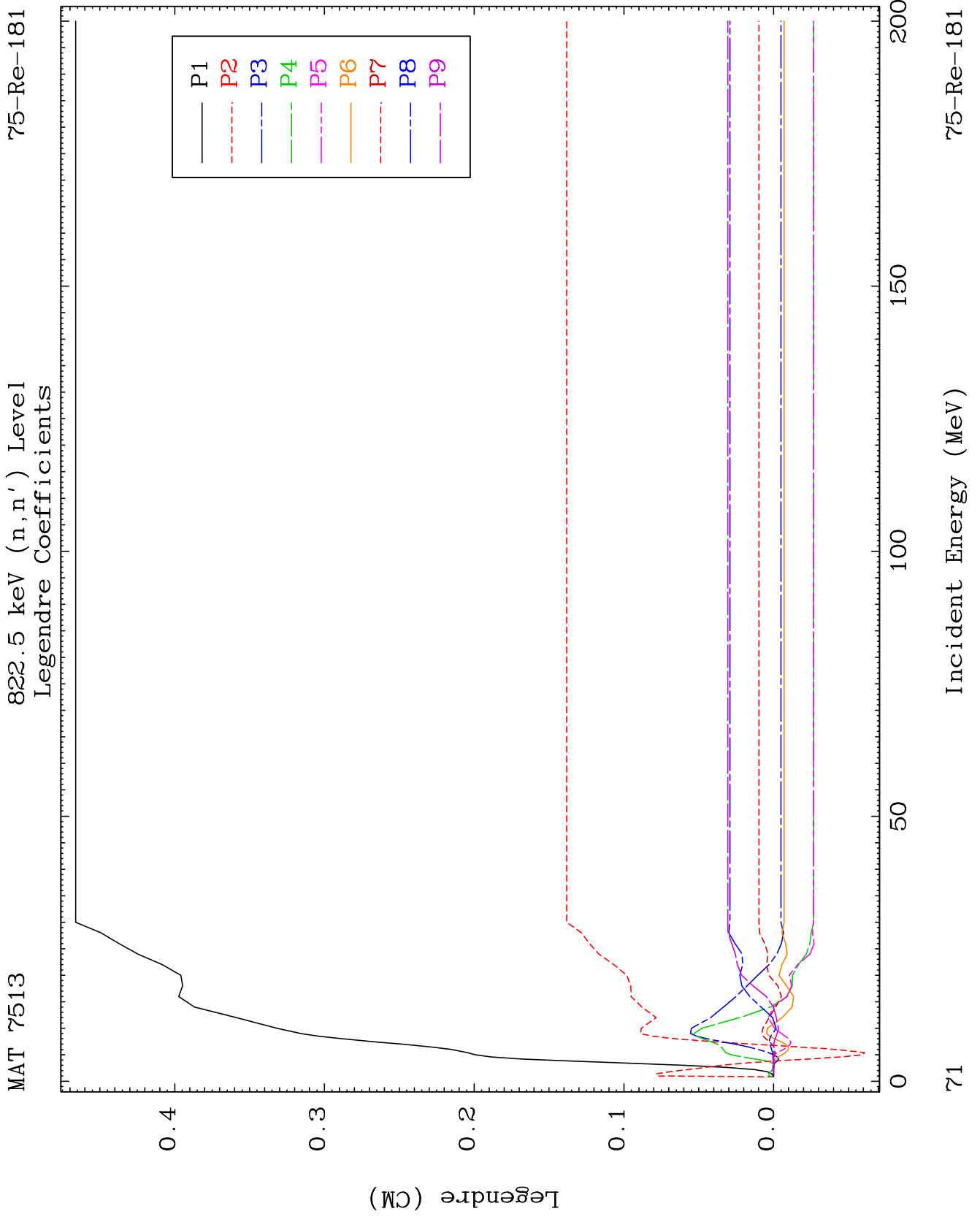
MAT 7513

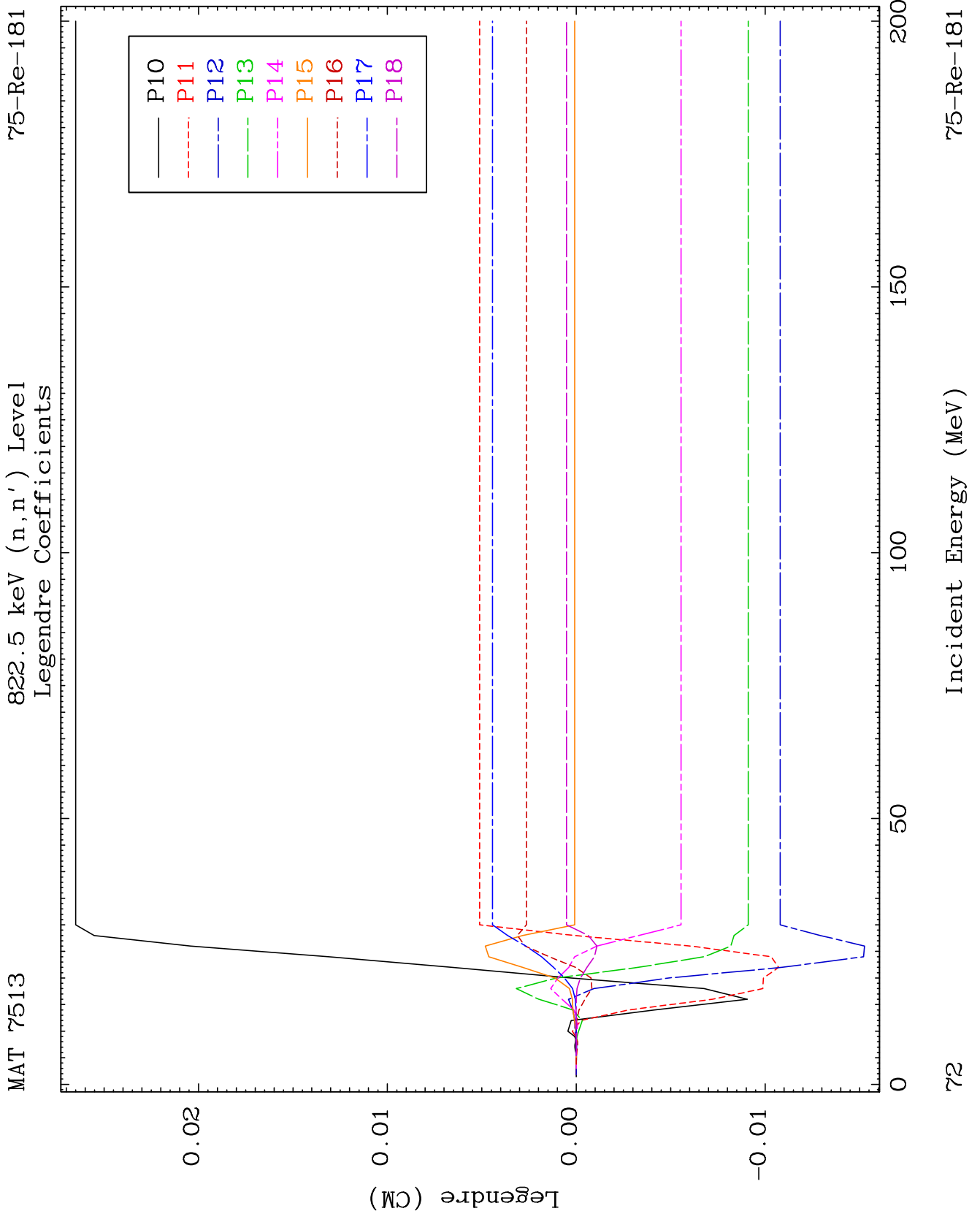
787.6 keV (n,n') Level
Legendre Coefficients

75-Re-181





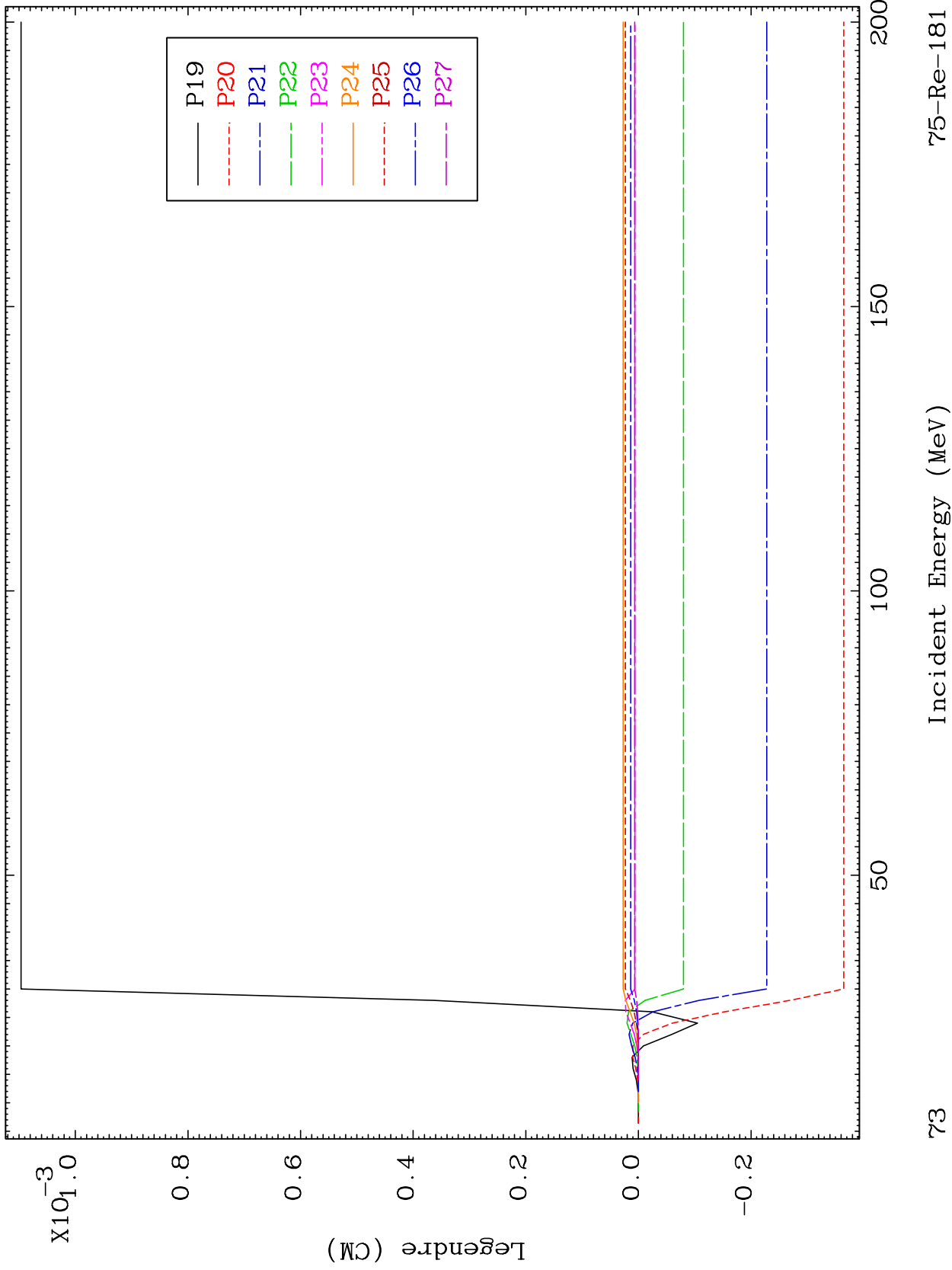




MAT 7513

822.5 keV (n, n') Level
Legendre Coefficients

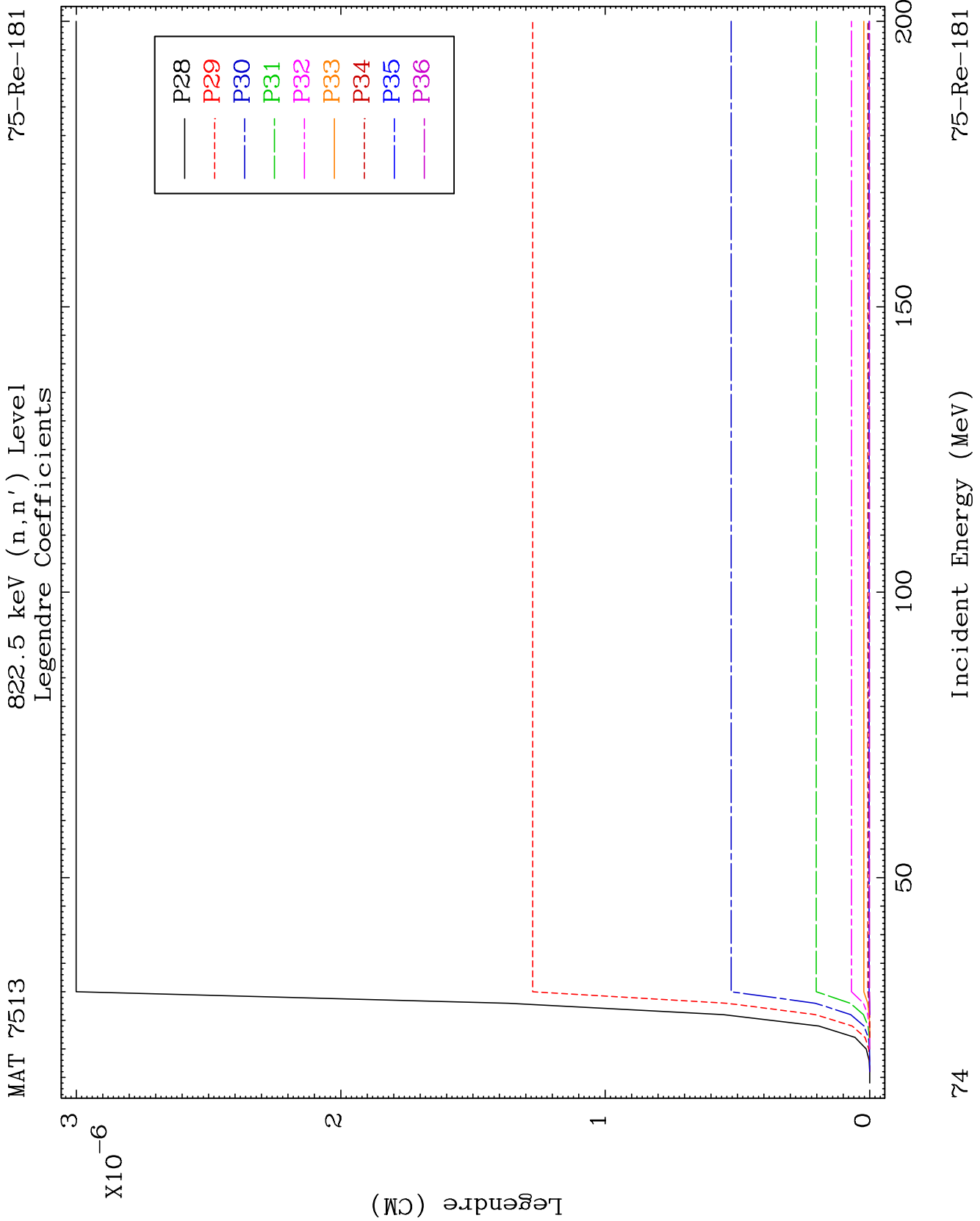
75-Re-181

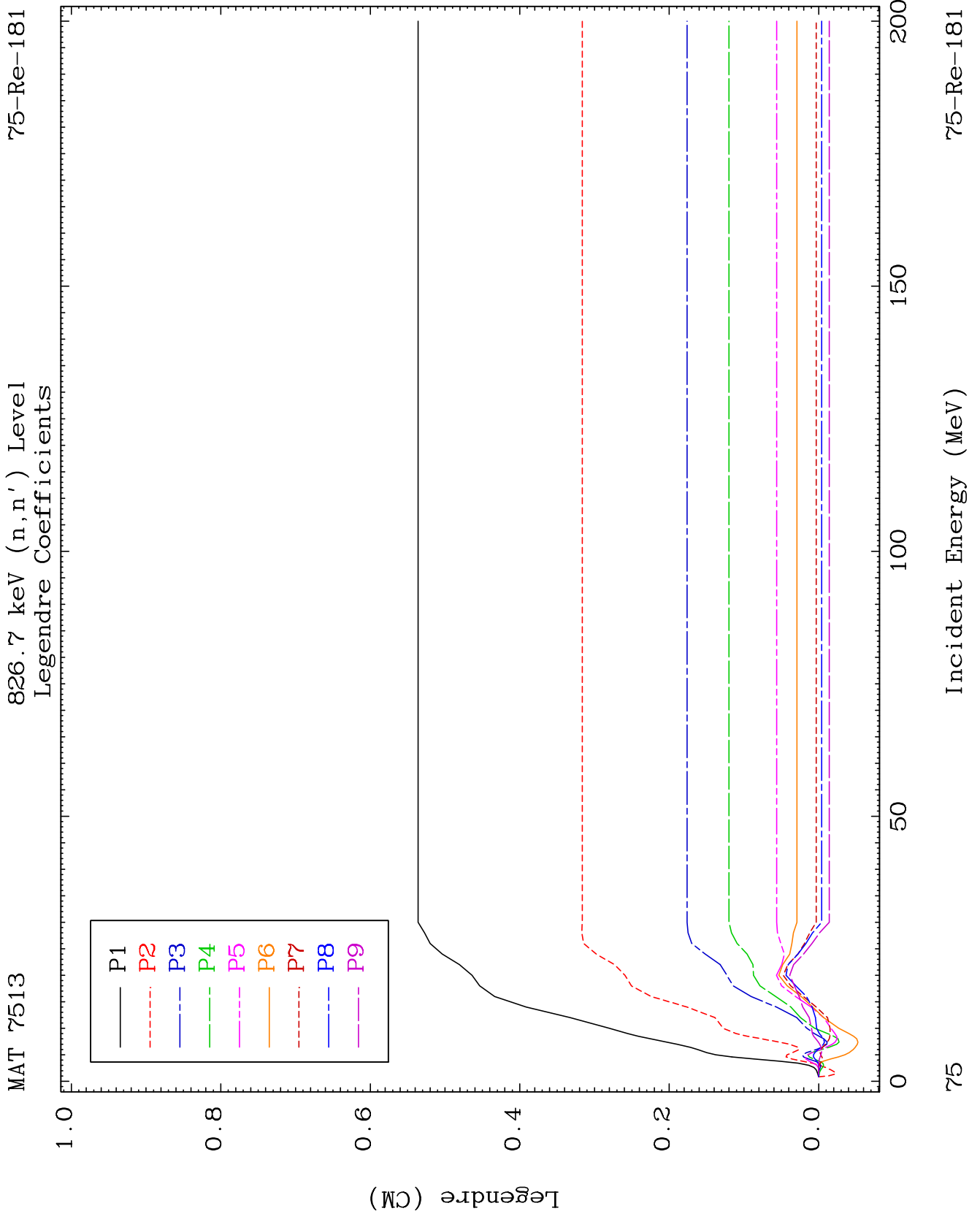


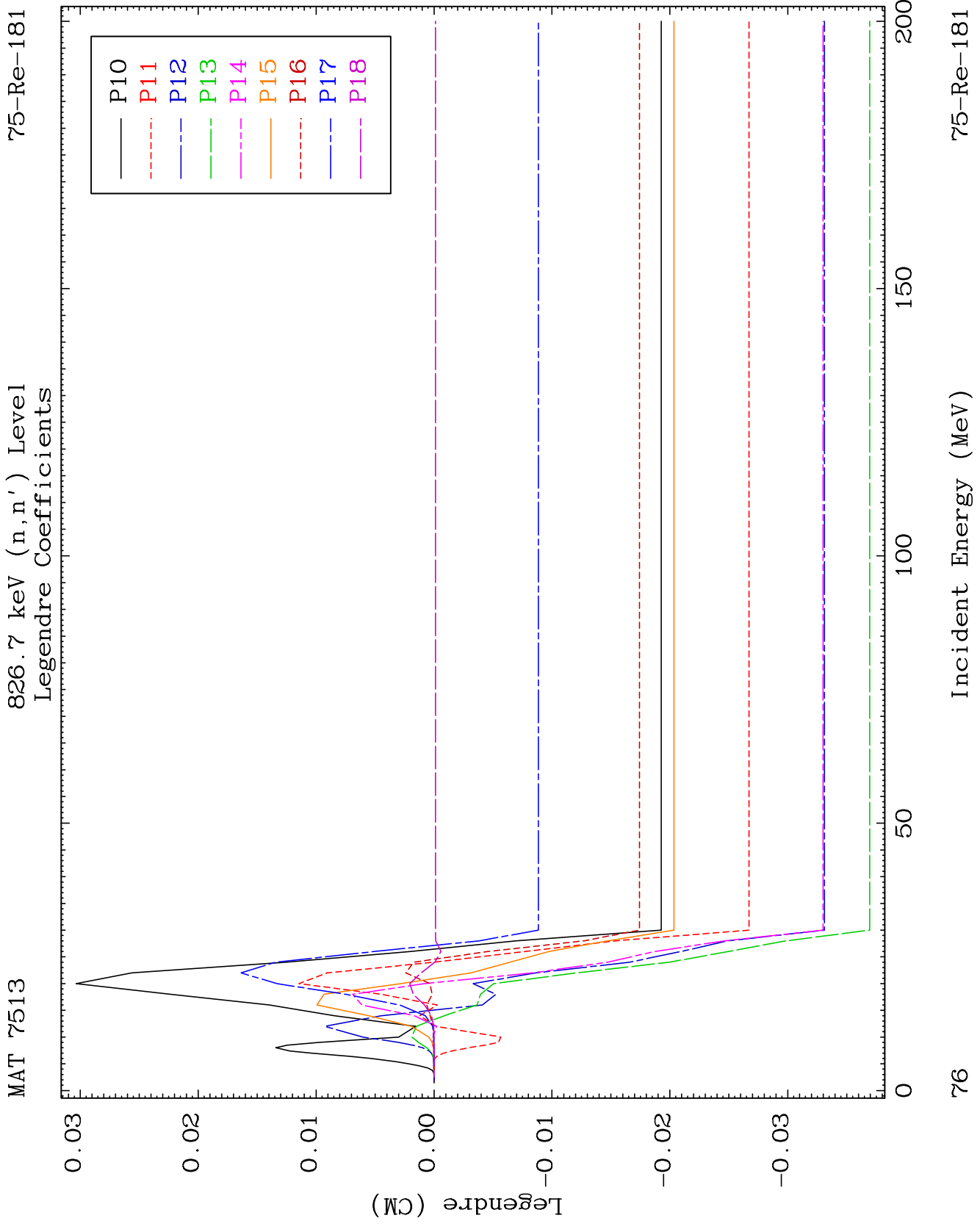
73

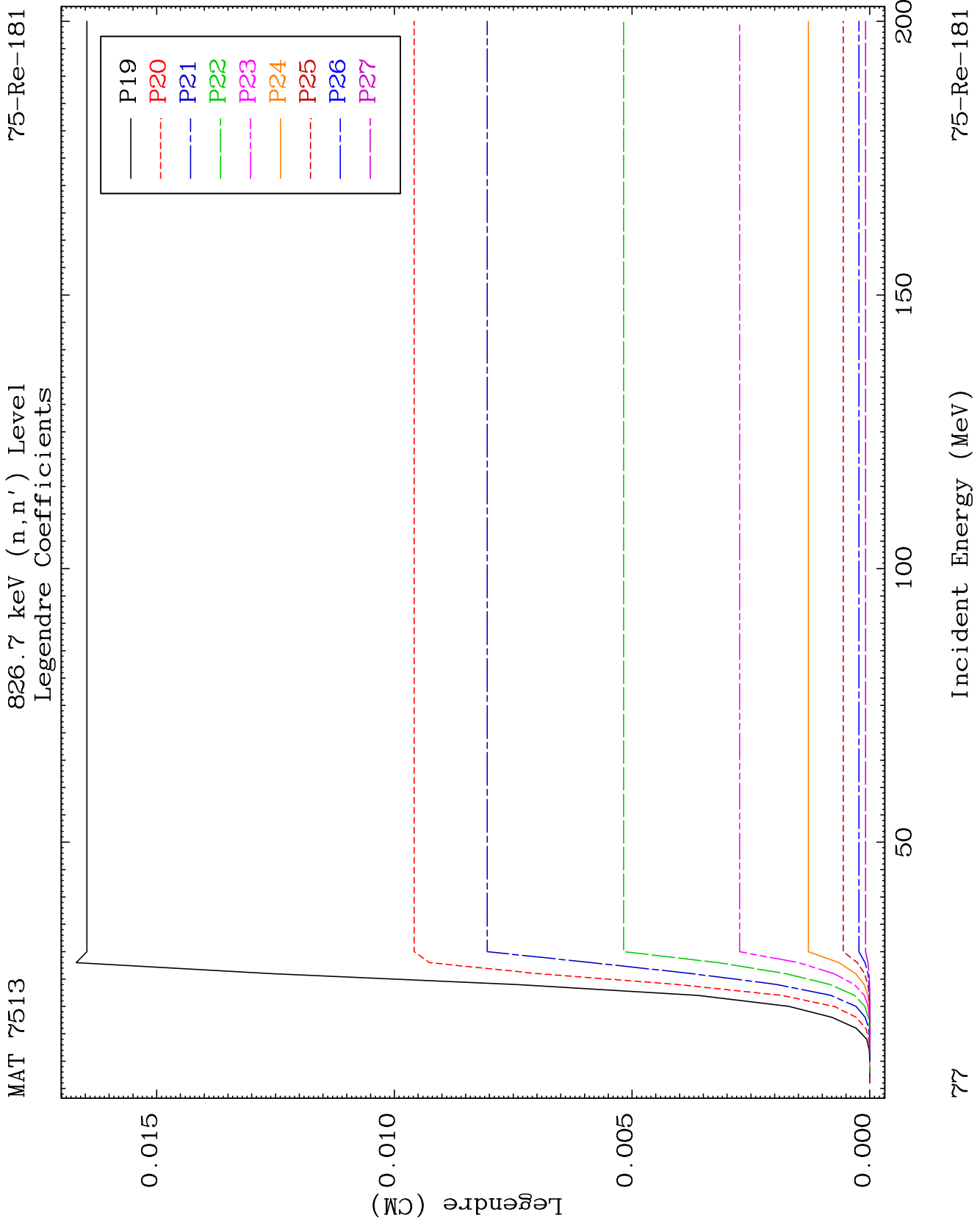
Incident Energy (MeV)

75-Re-181





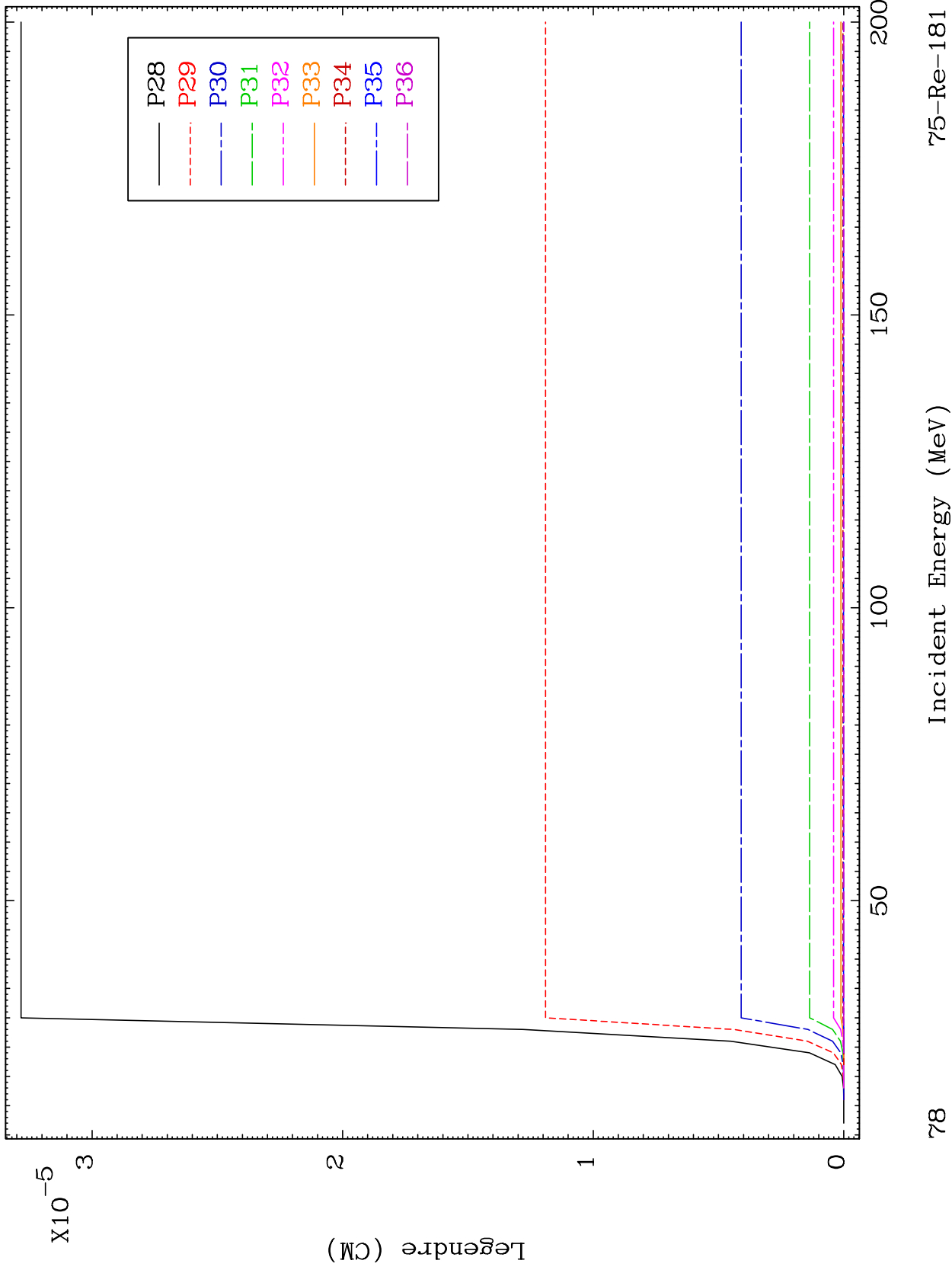


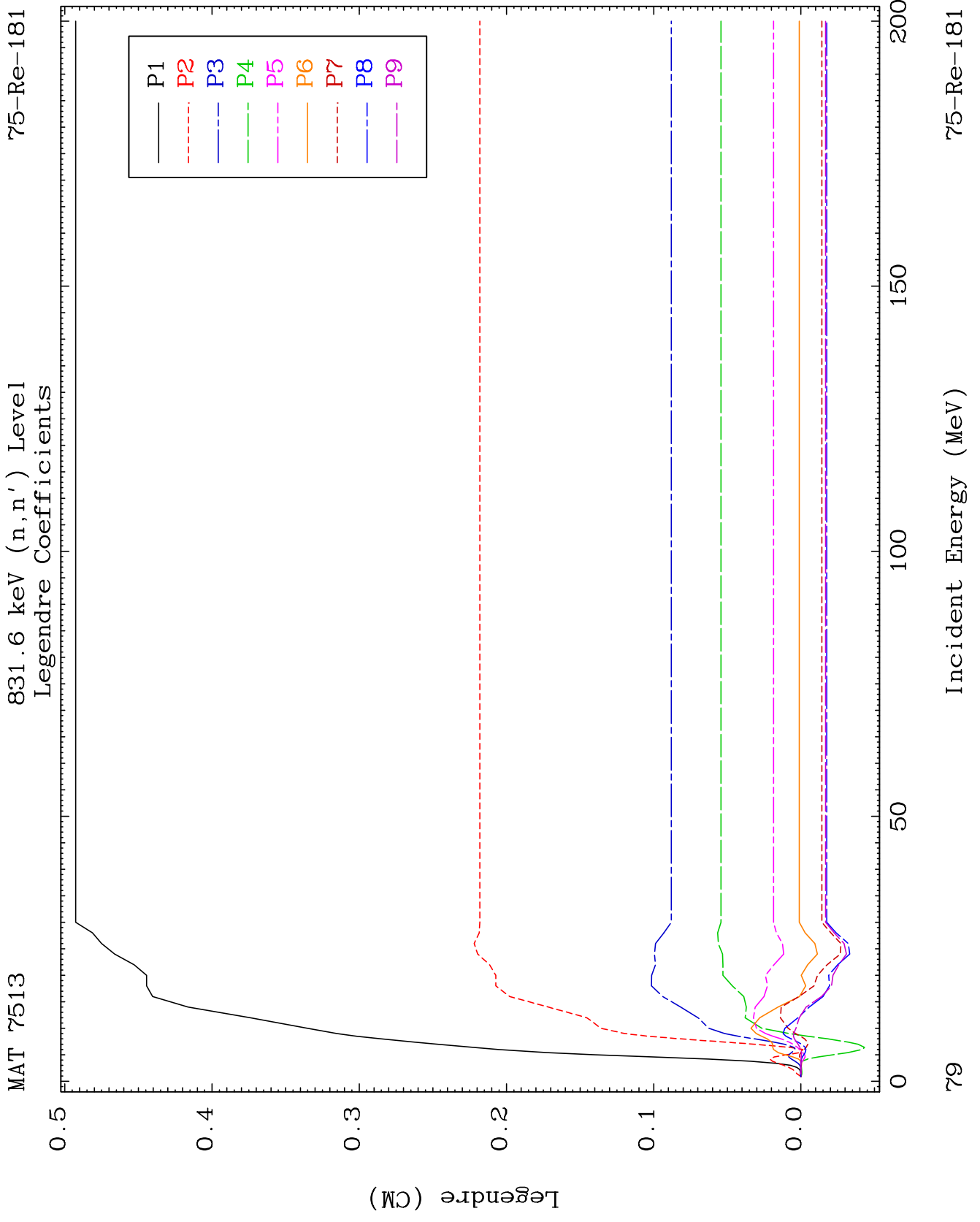


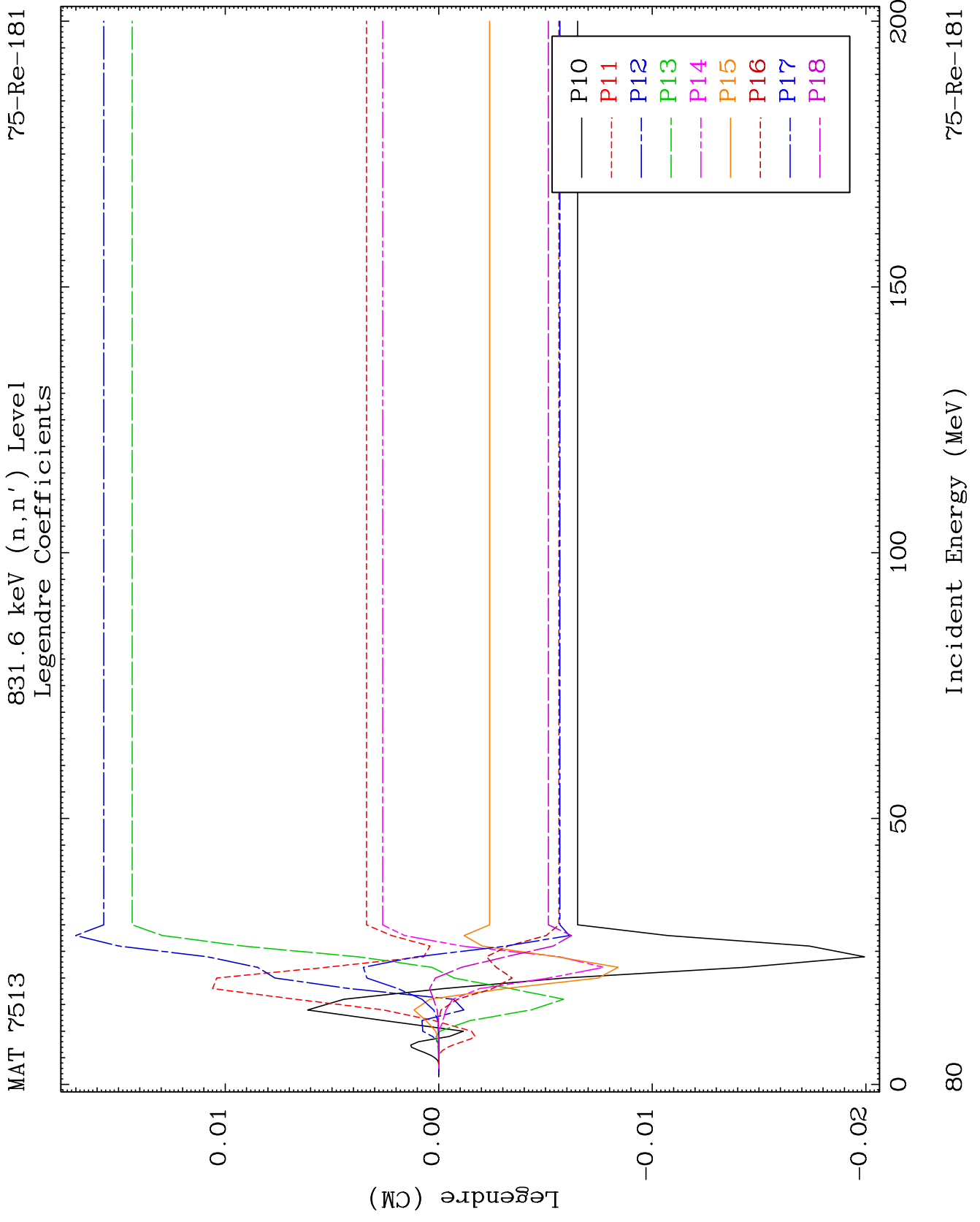
MAT 7513

826.7 keV (n,n') Level
Legendre Coefficients

75-Re-181



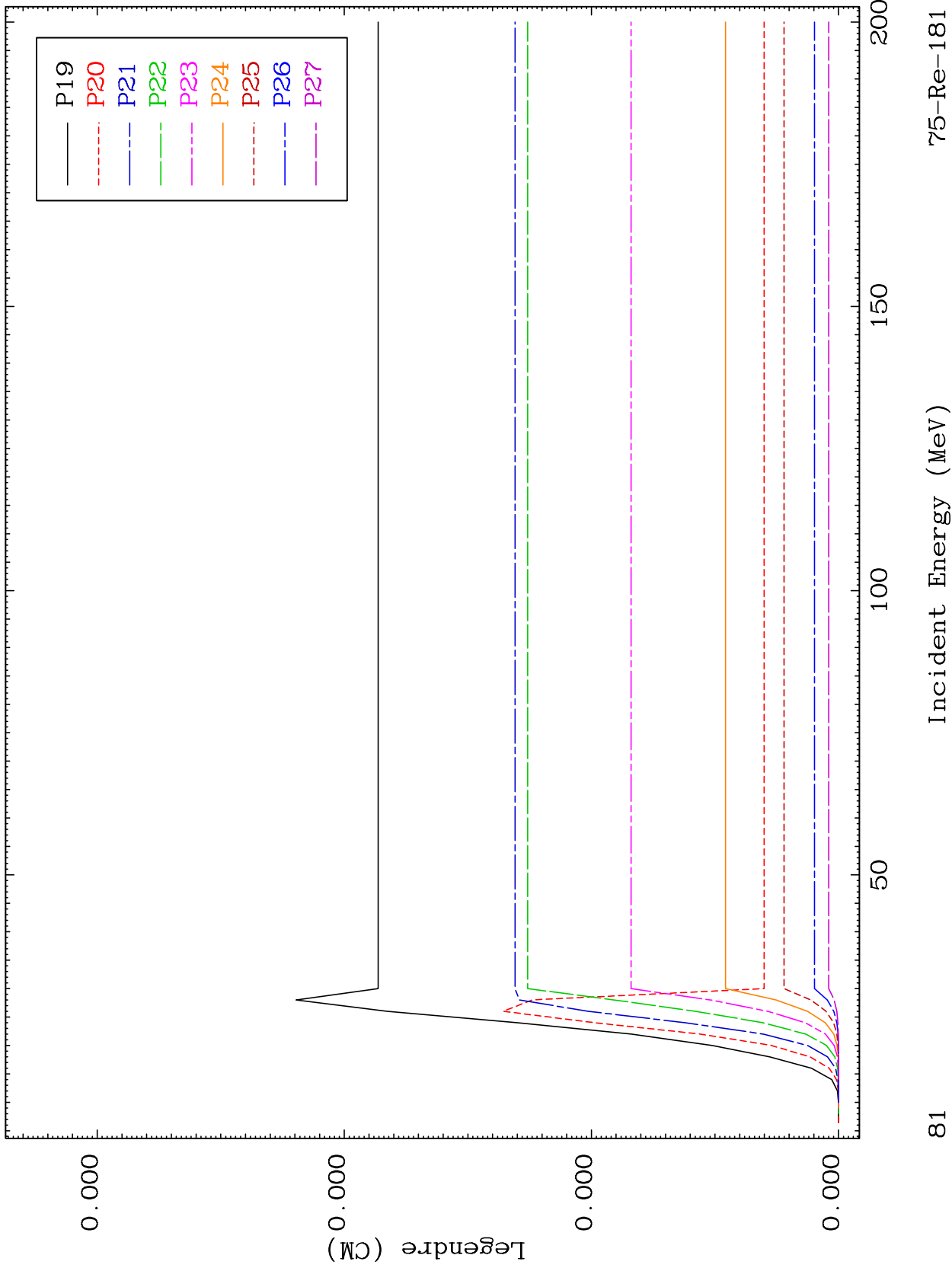




MAT 7513

831.6 keV (n,n') Level
Legendre Coefficients

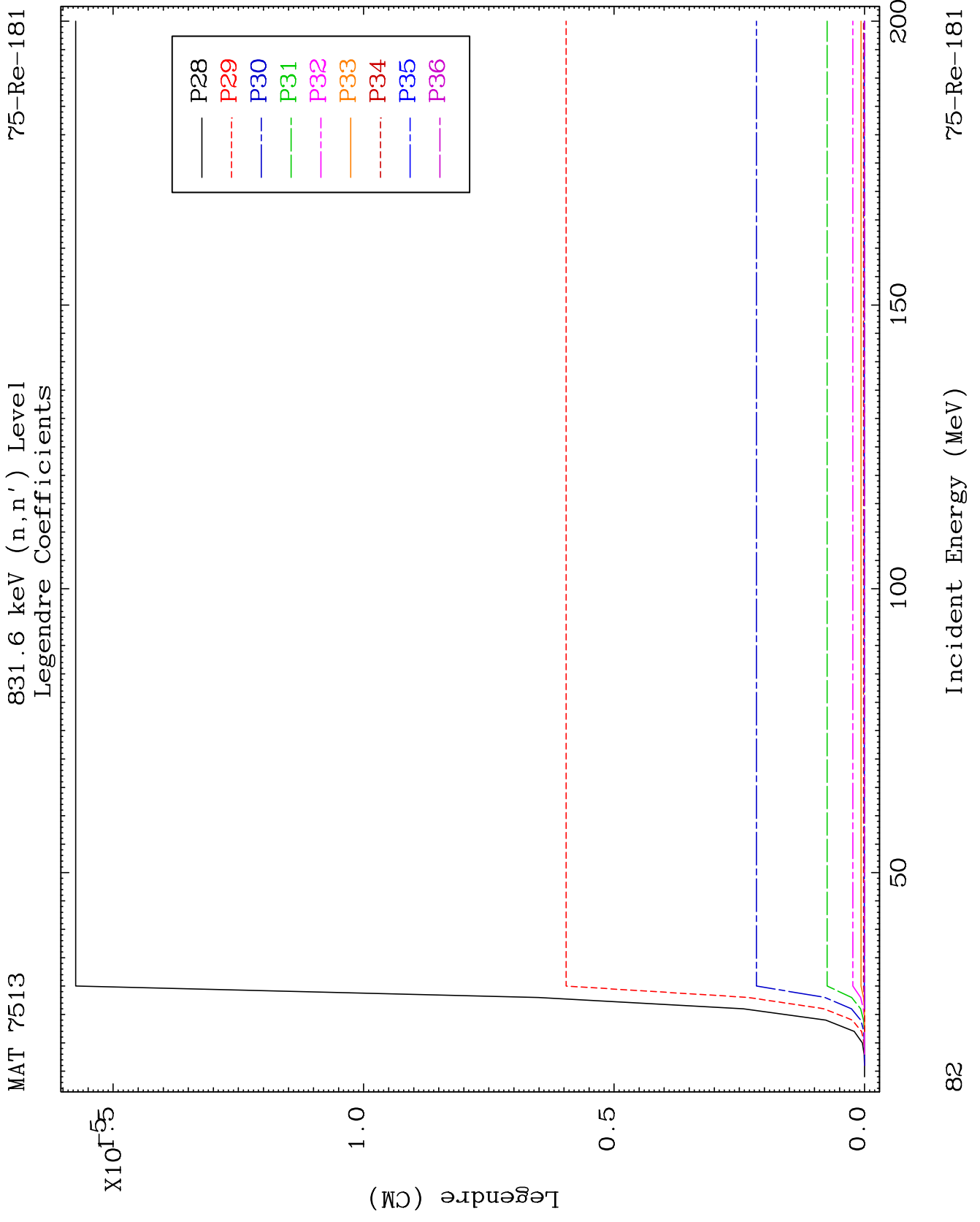
75-Re-181



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Incident Energy (MeV)

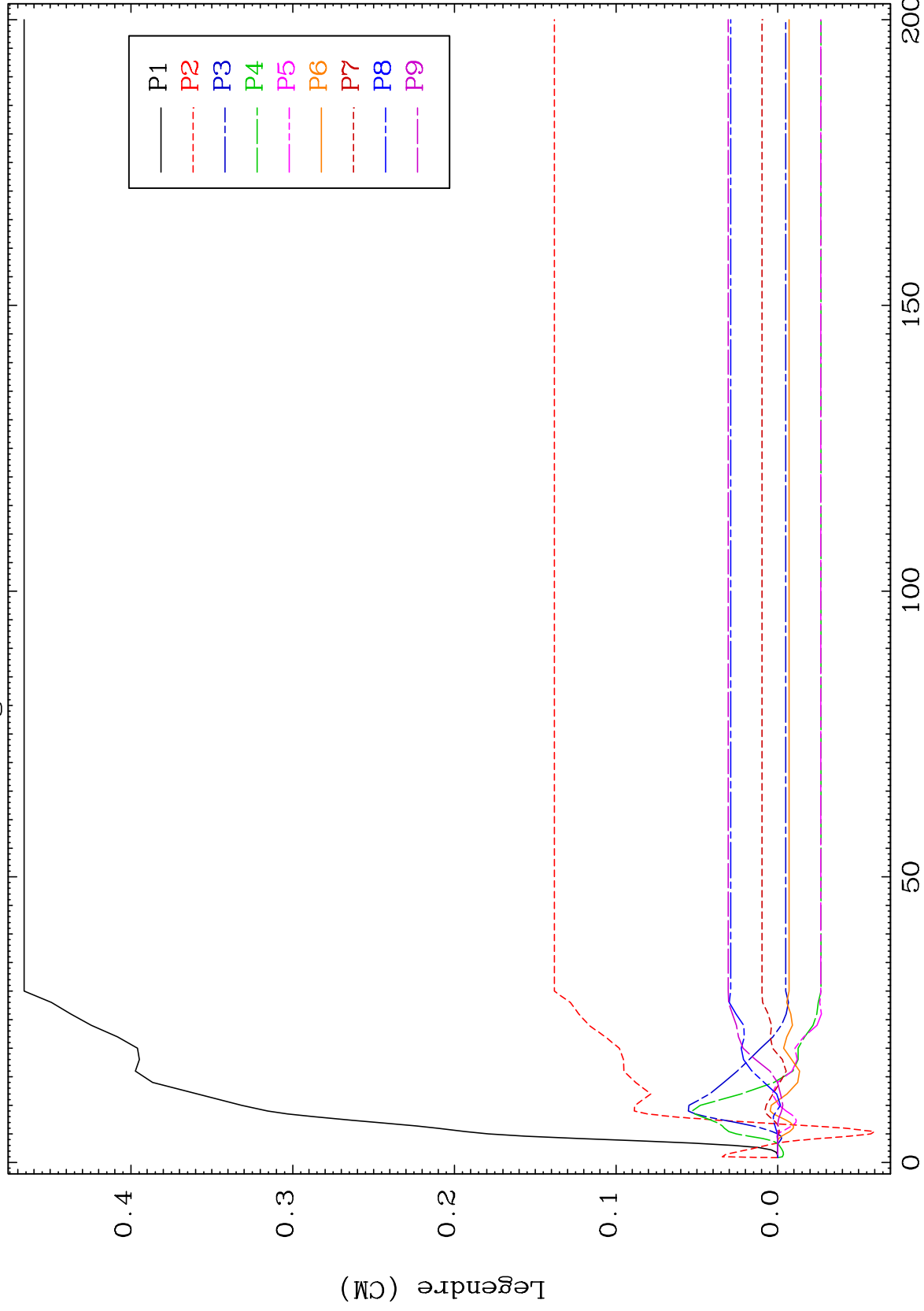
75-Re-181



MAT 7513

833.9 keV (n,n') Level
Legendre Coefficients

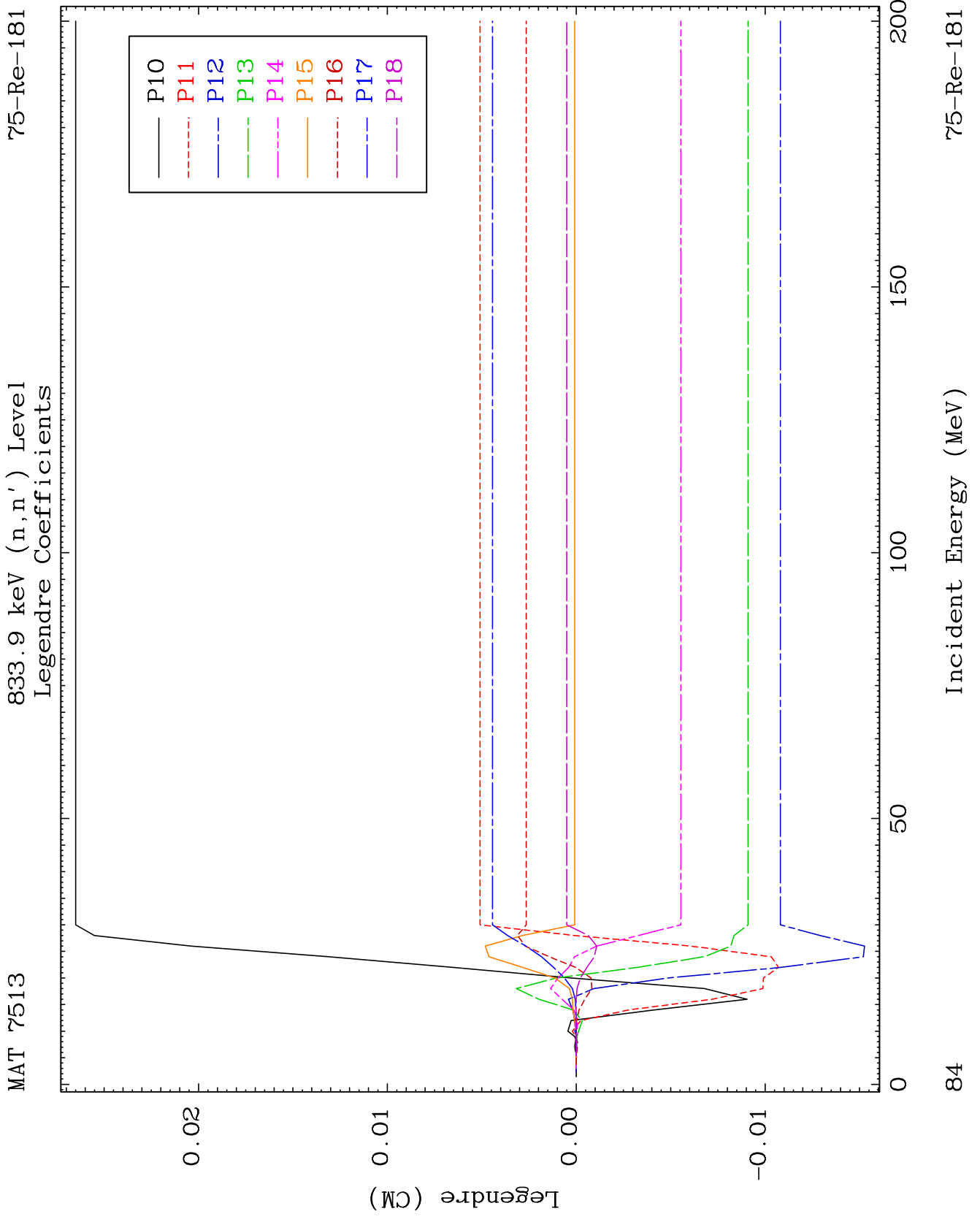
75-Re-181



83

Incident Energy (MeV)

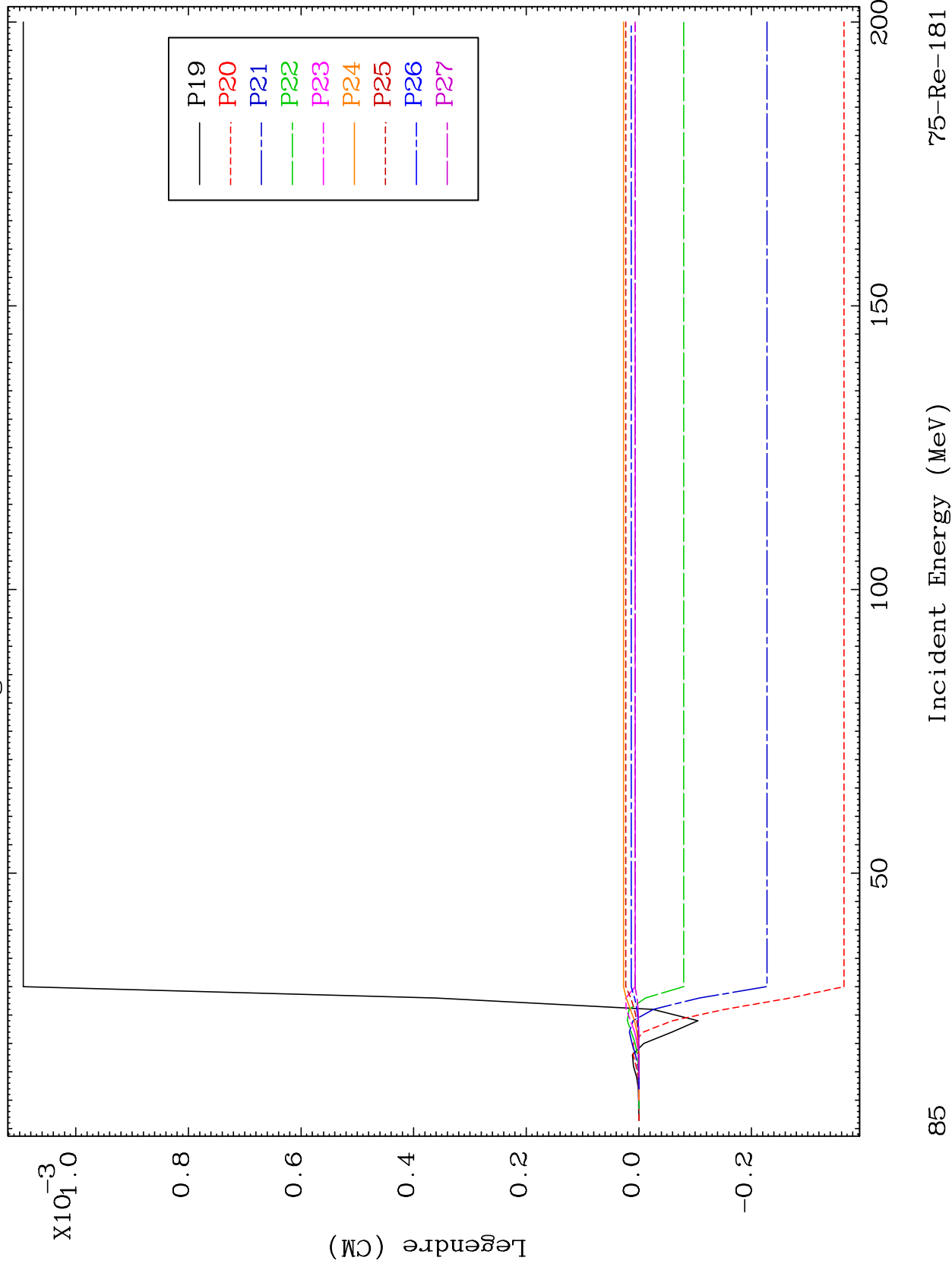
75-Re-181



MAT 7513

833.9 keV (n, n') Level
Legendre Coefficients

75-Re-181



85

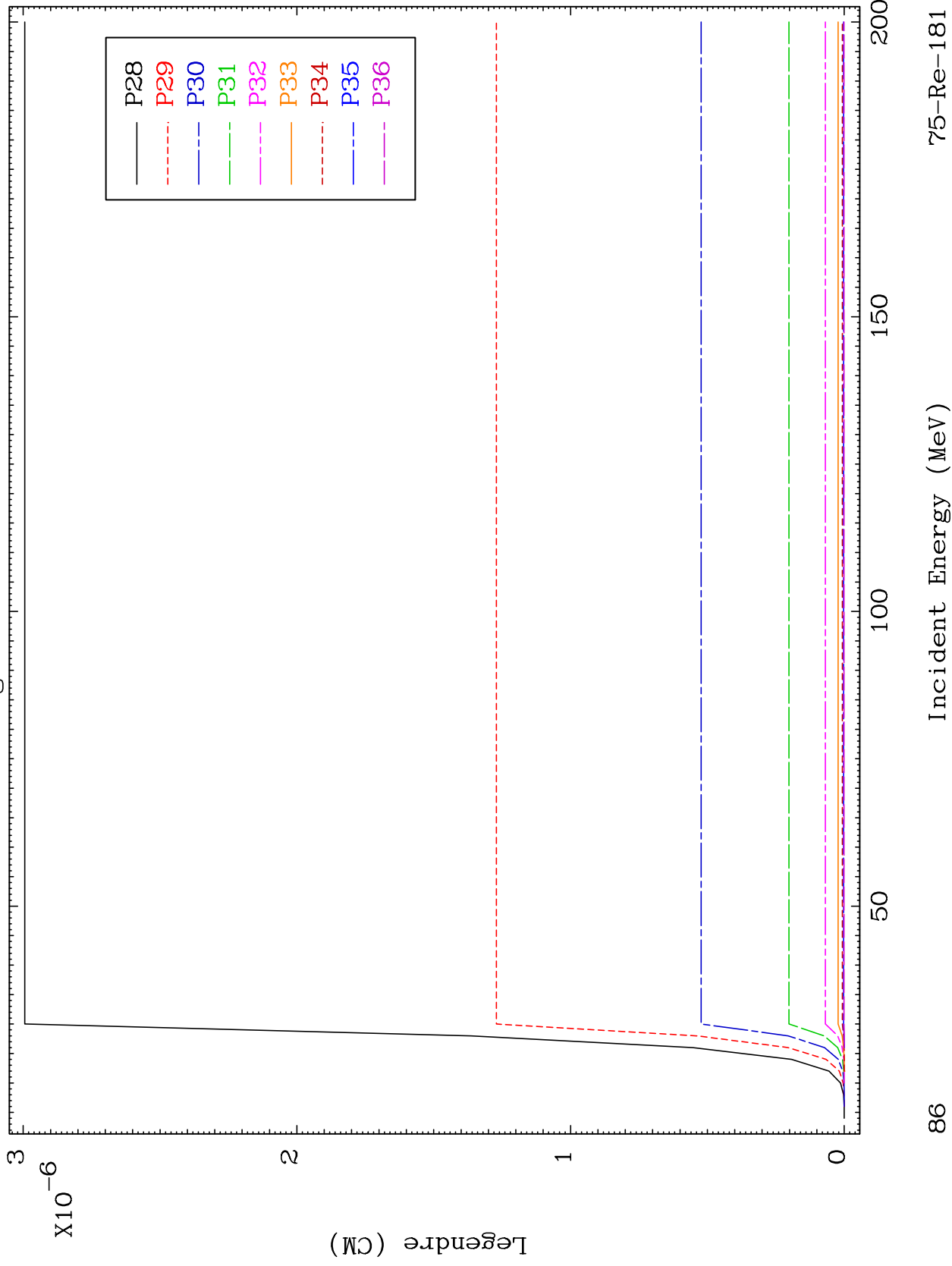
Incident Energy (MeV)

75-Re-181

MAT 7513

833.9 keV (n, n') Level
Legendre Coefficients

75-Re-181

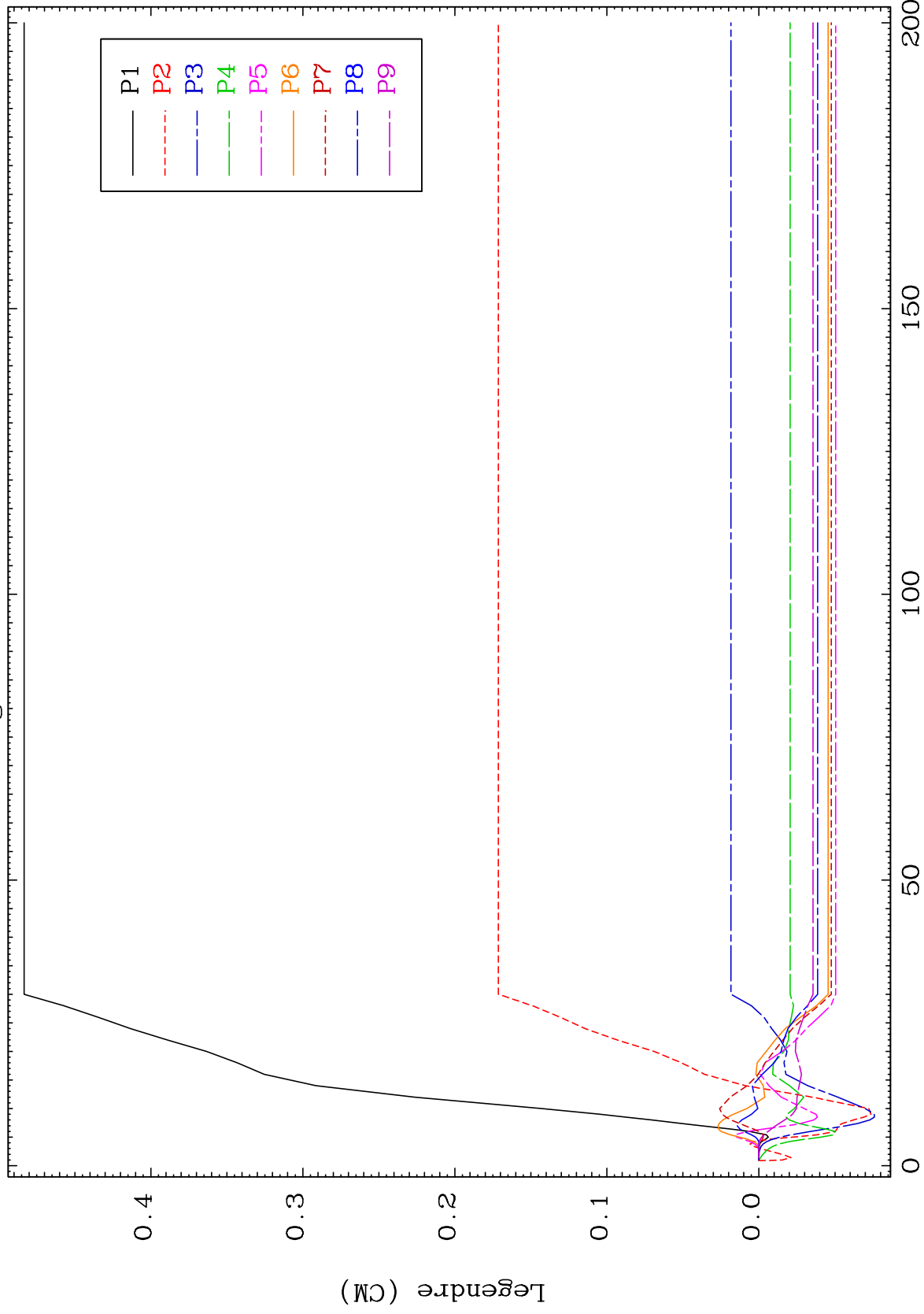


86

MAT 7513

867.2 keV (n,n') Level
Legendre Coefficients

75-Re-181



87

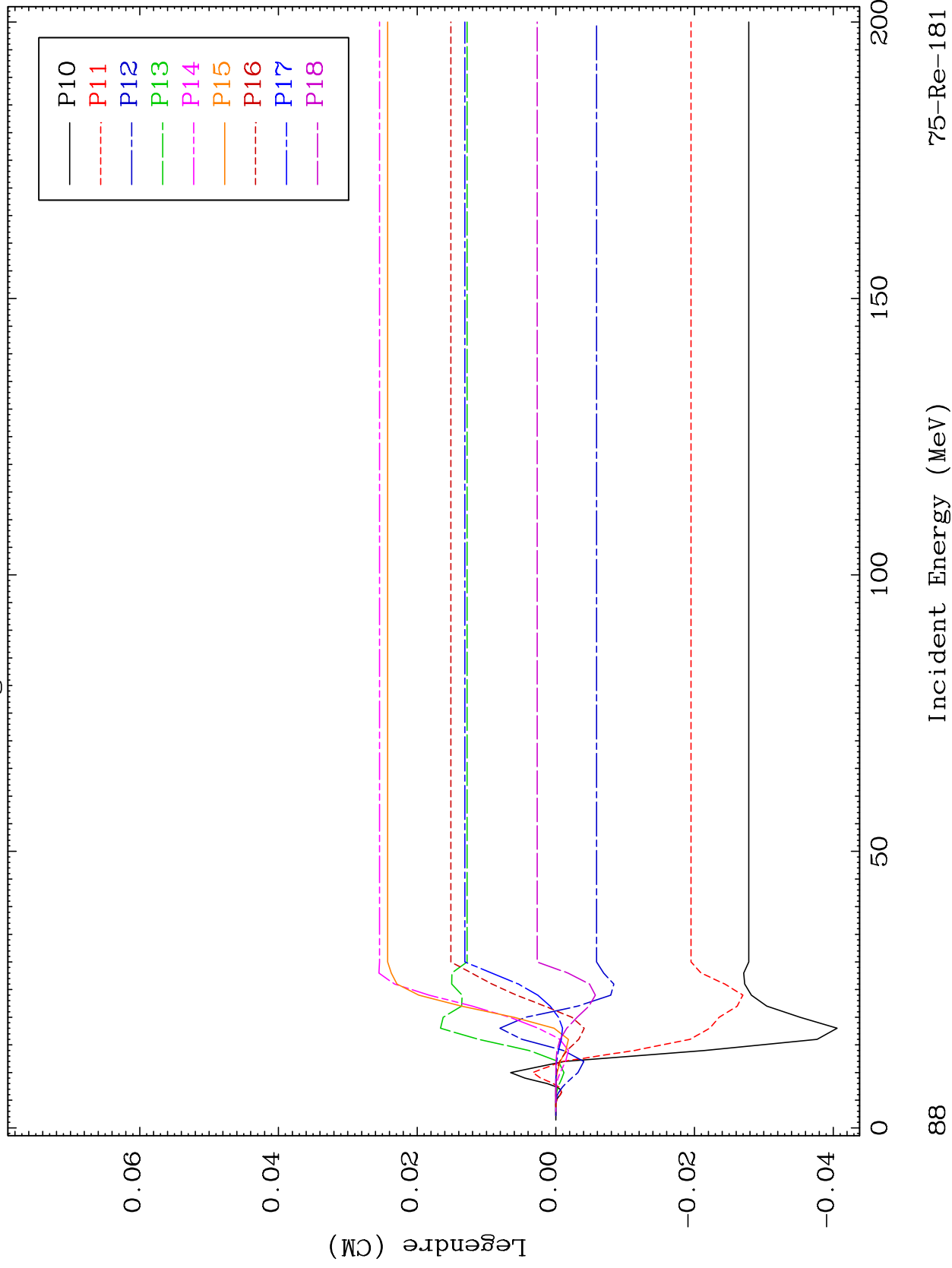
Incident Energy (MeV)

75-Re-181

MAT 7513

867.2 keV (n,n') Level
Legendre Coefficients

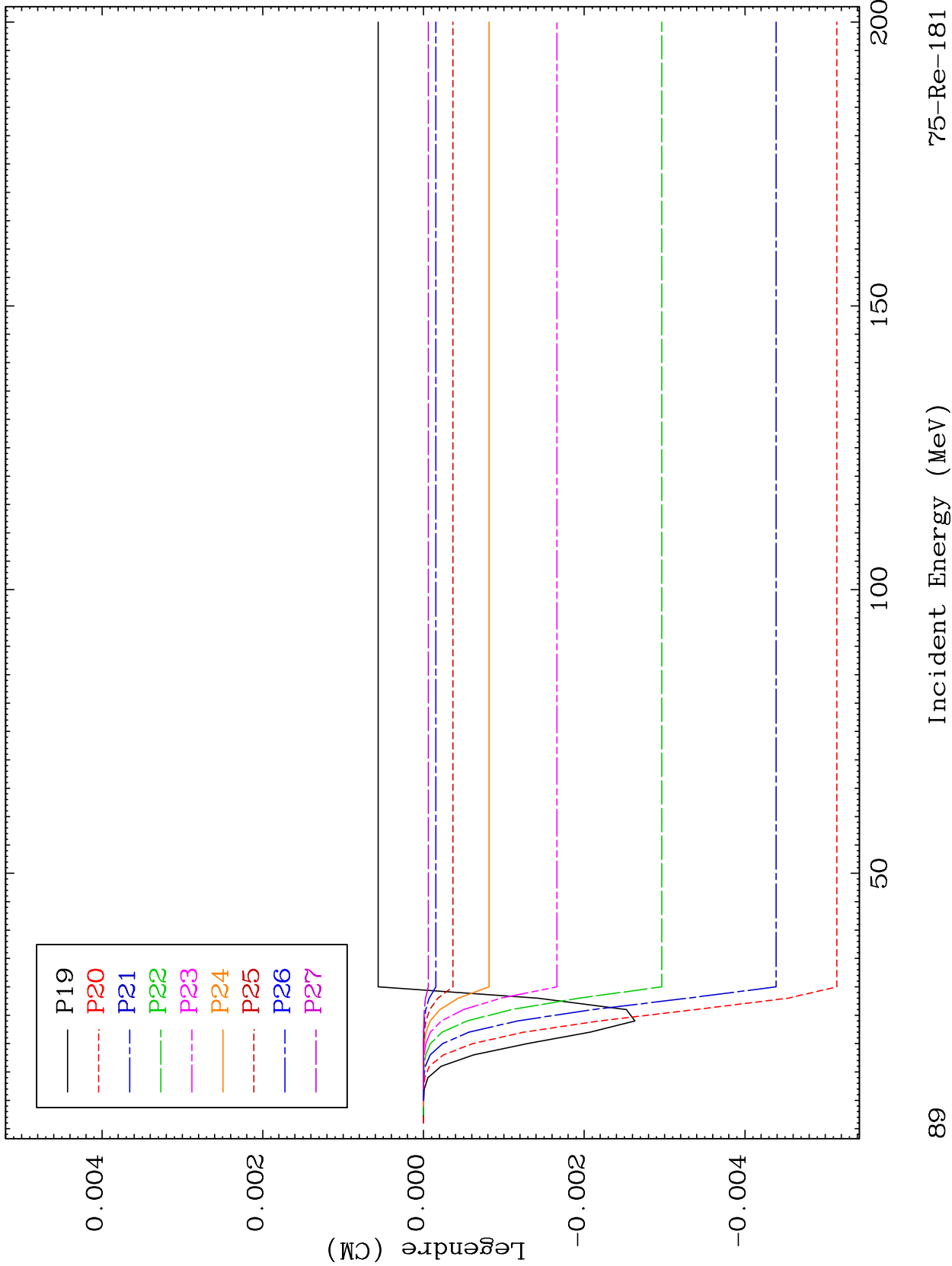
75-Re-181

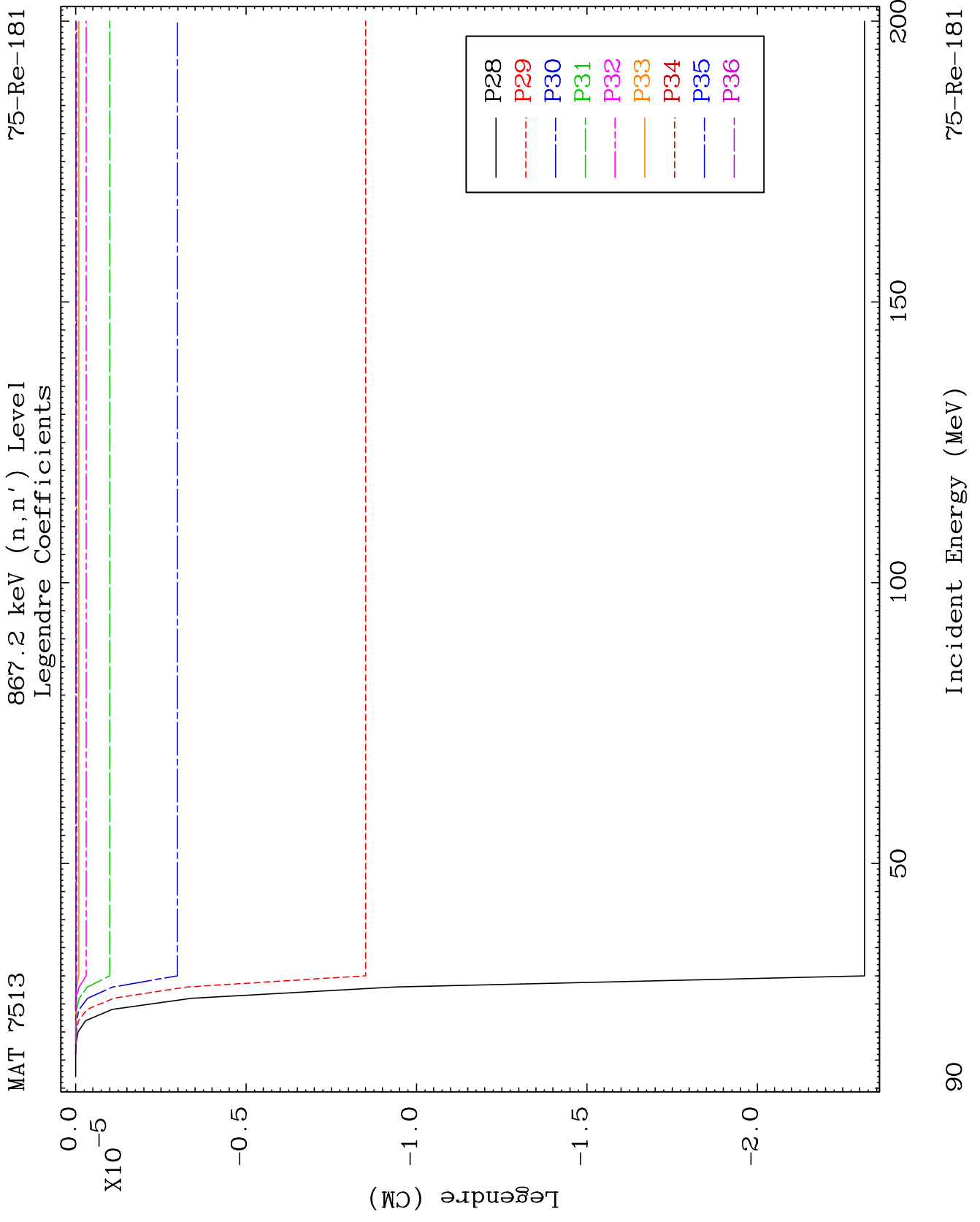


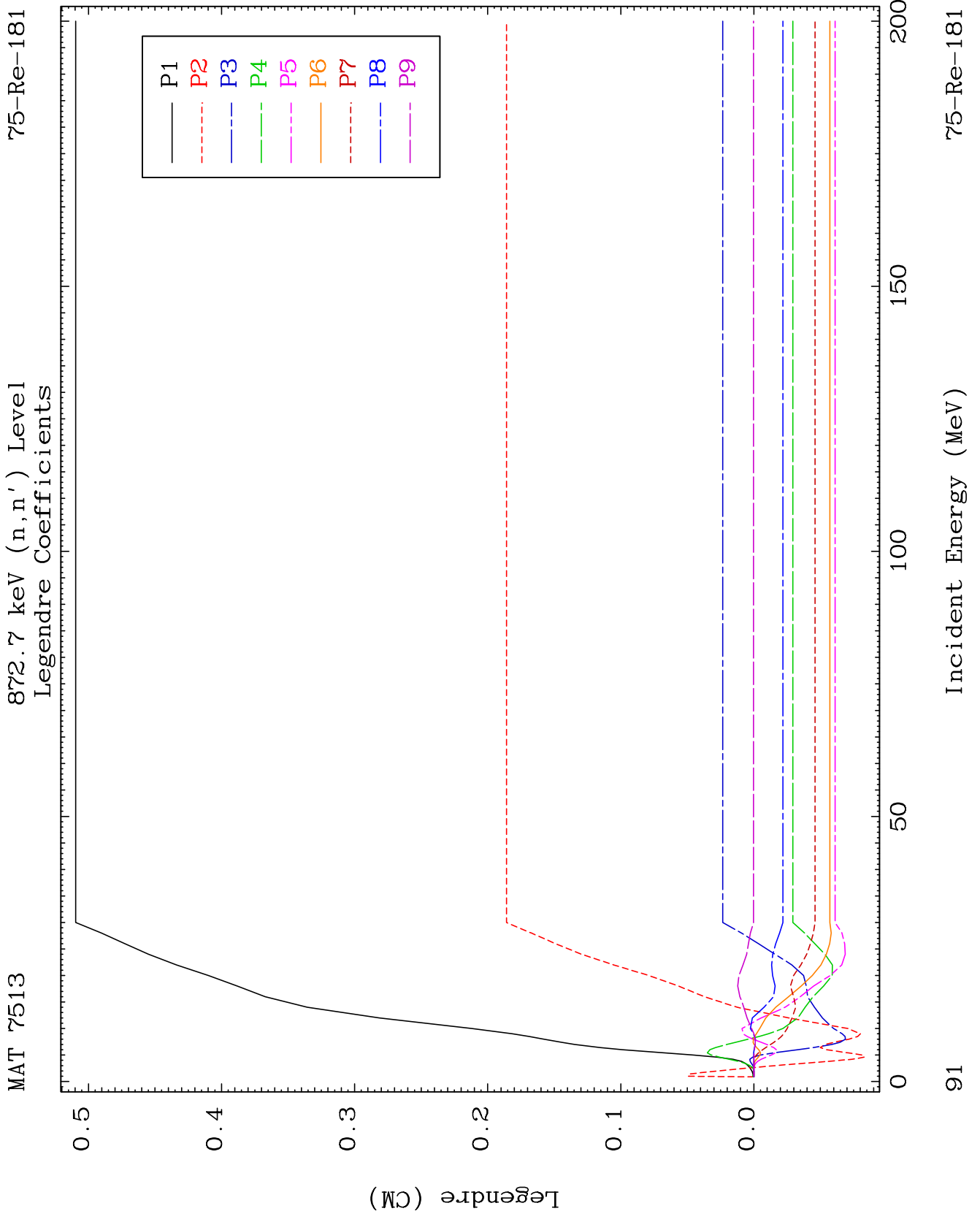
88

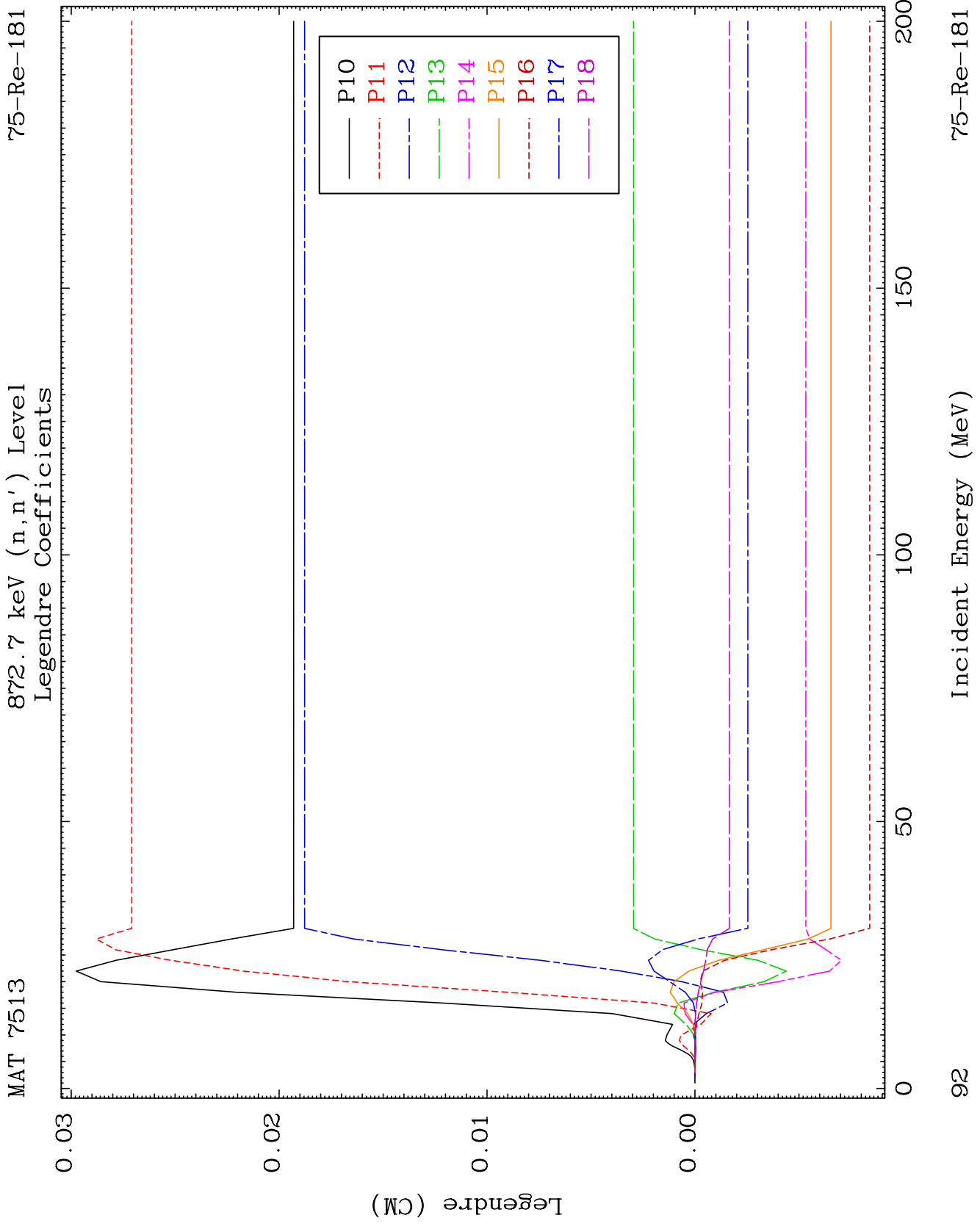
Incident Energy (MeV)

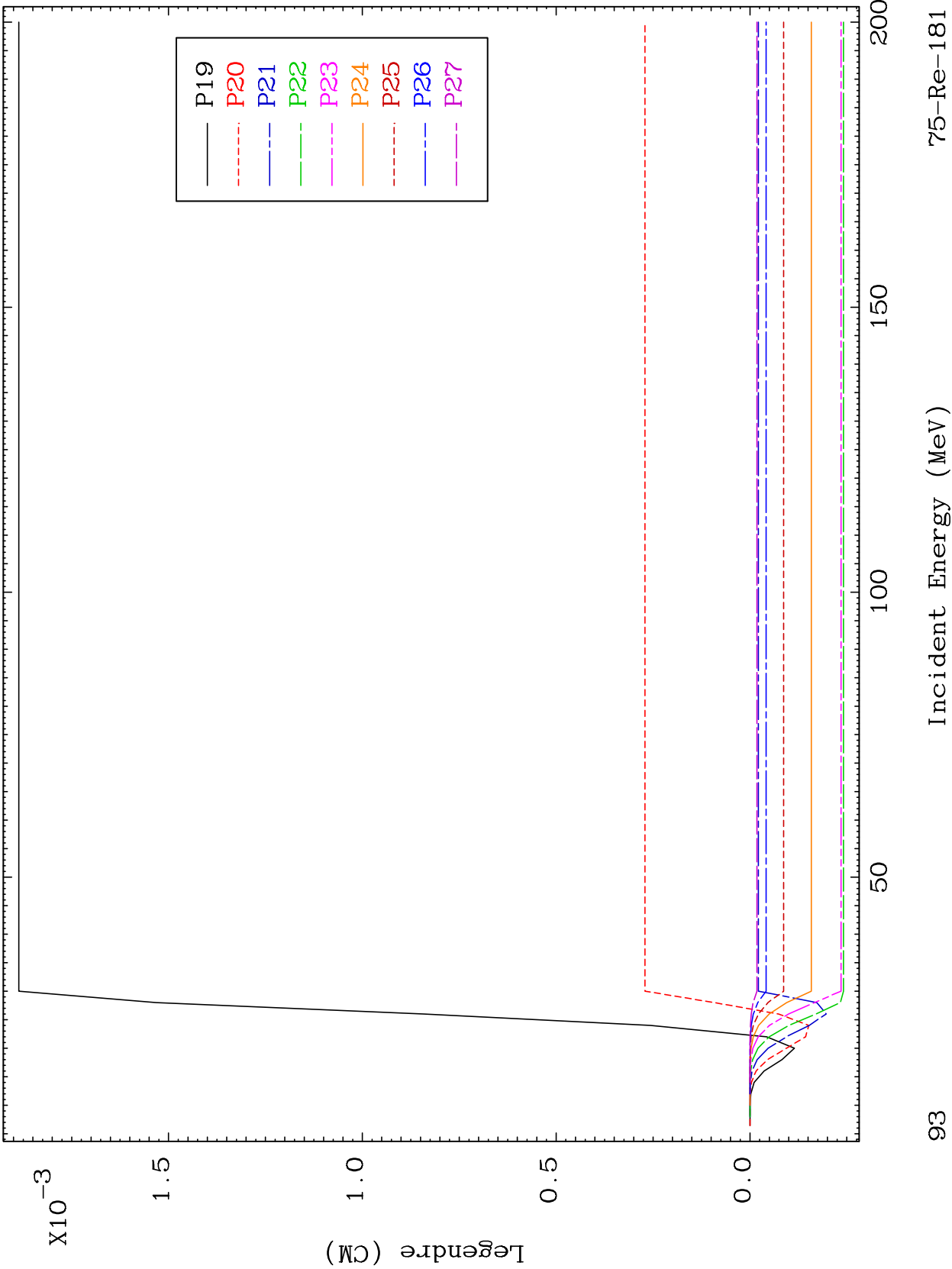
75-Re-181







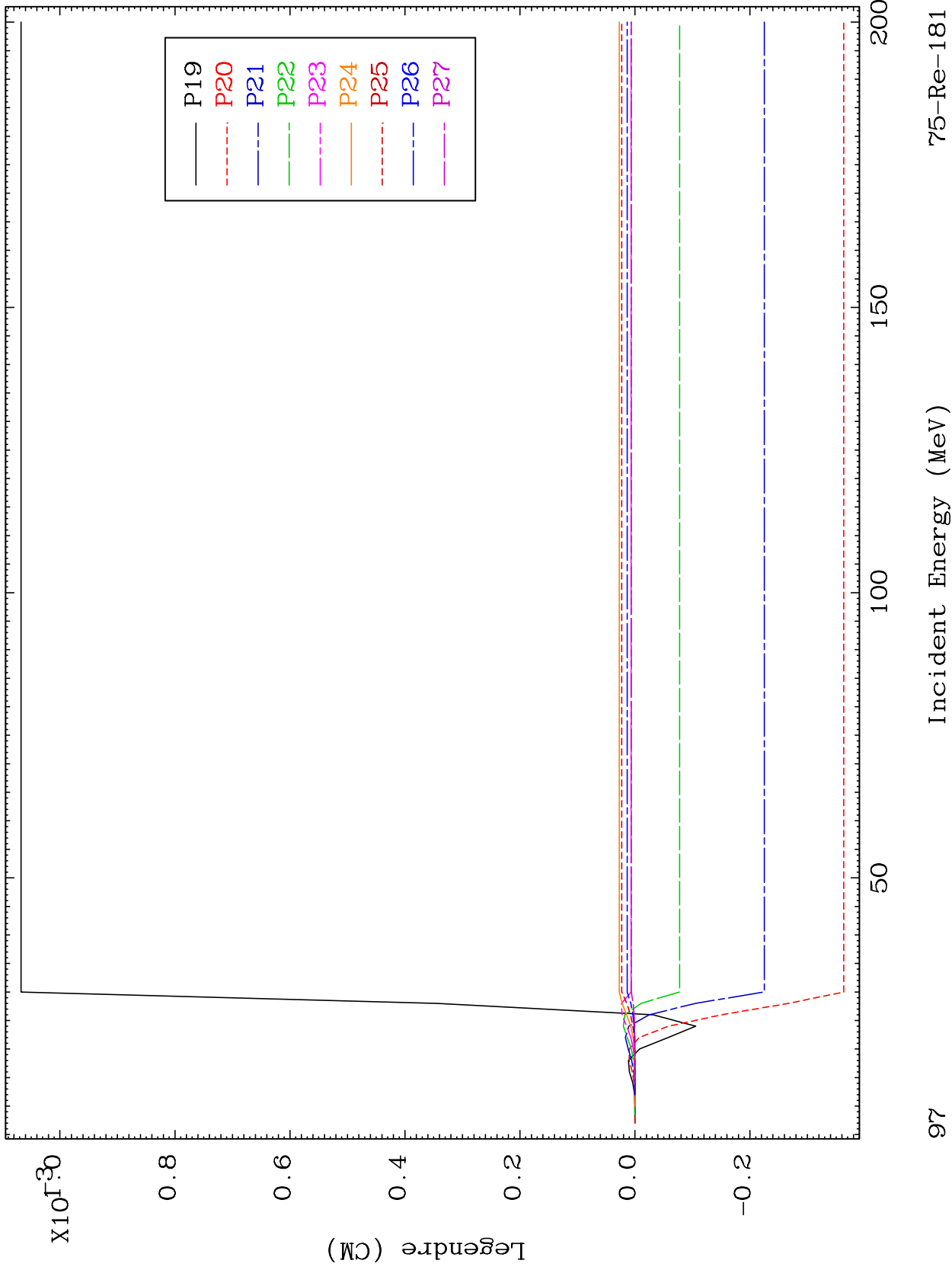


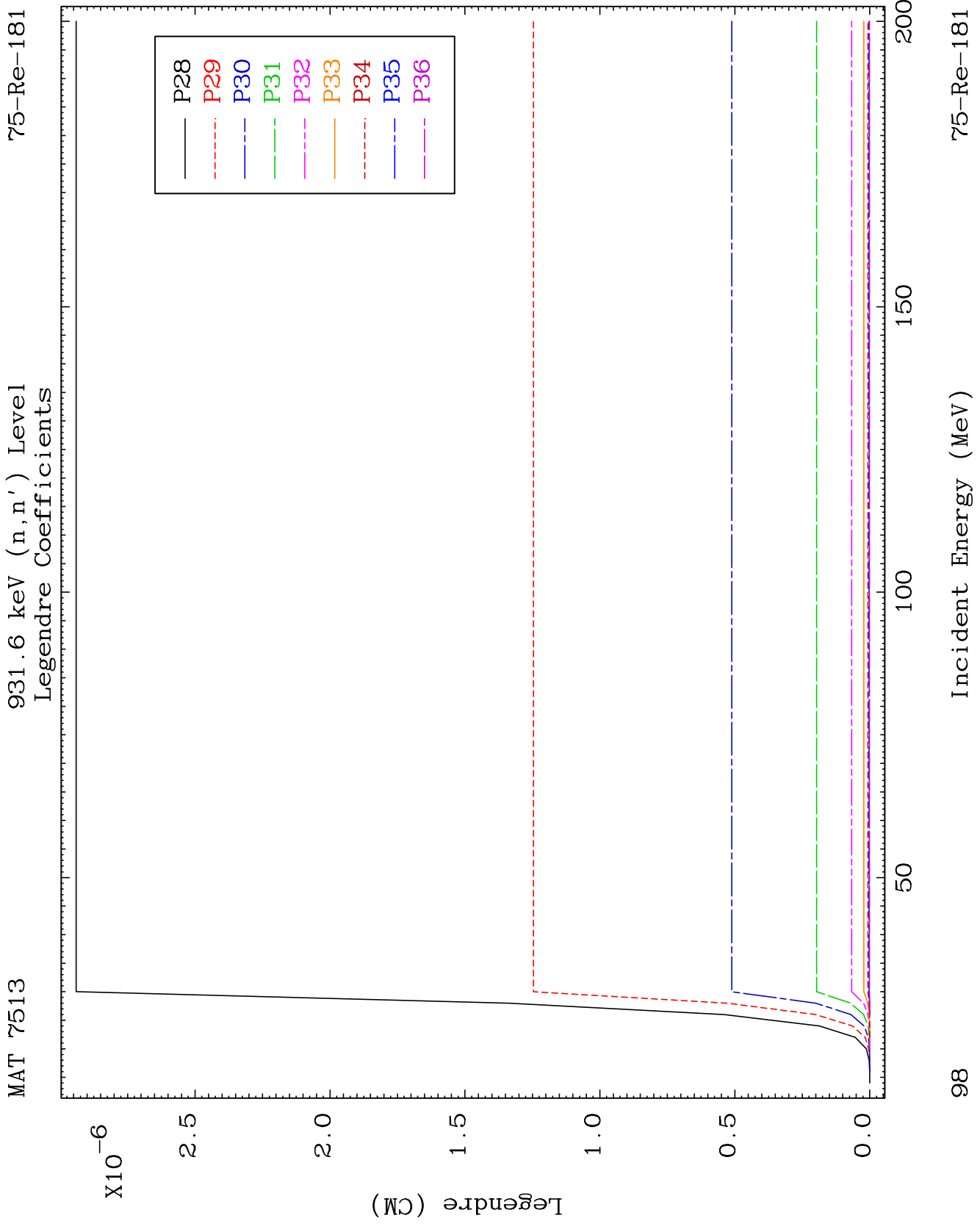


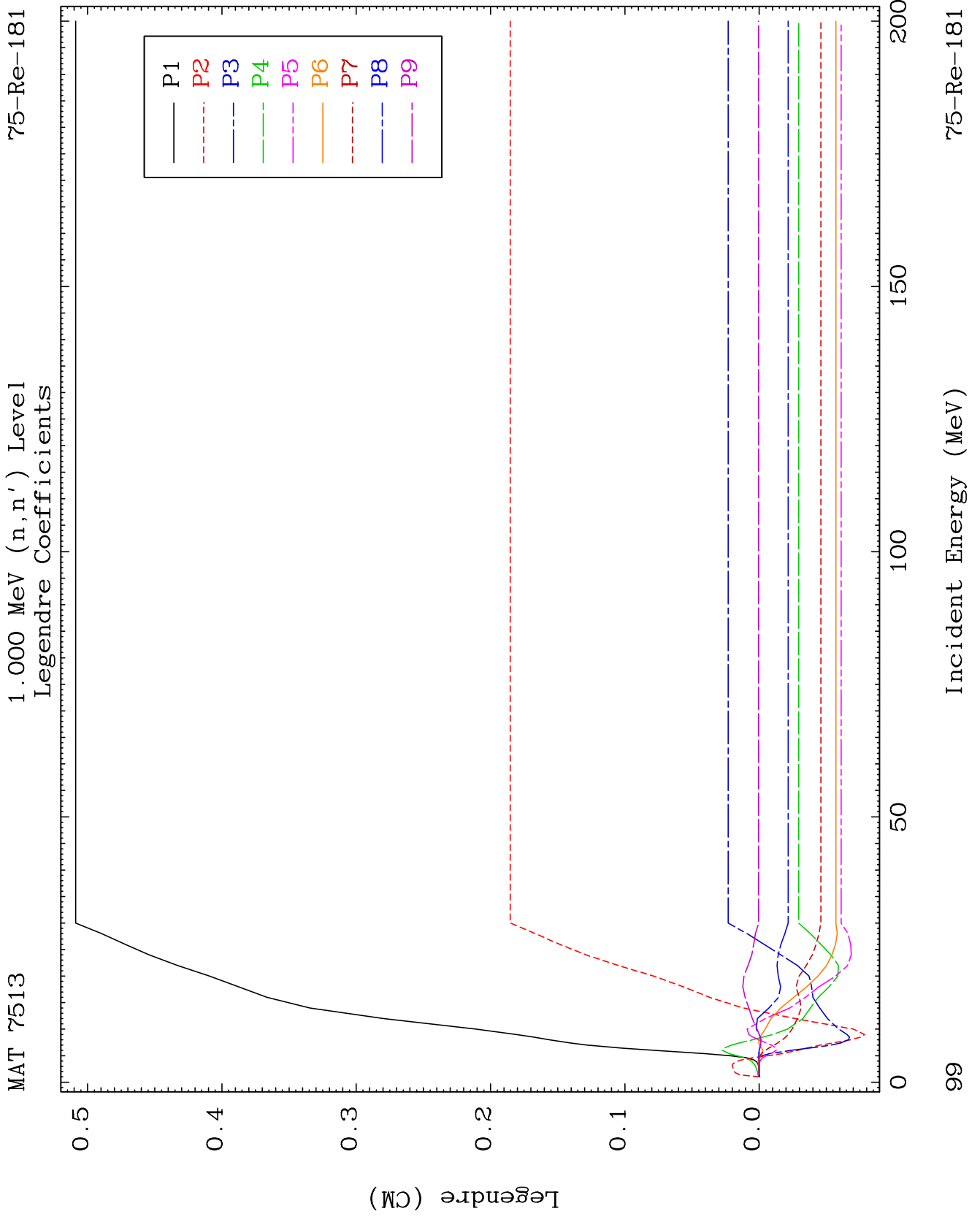
MAT 7513

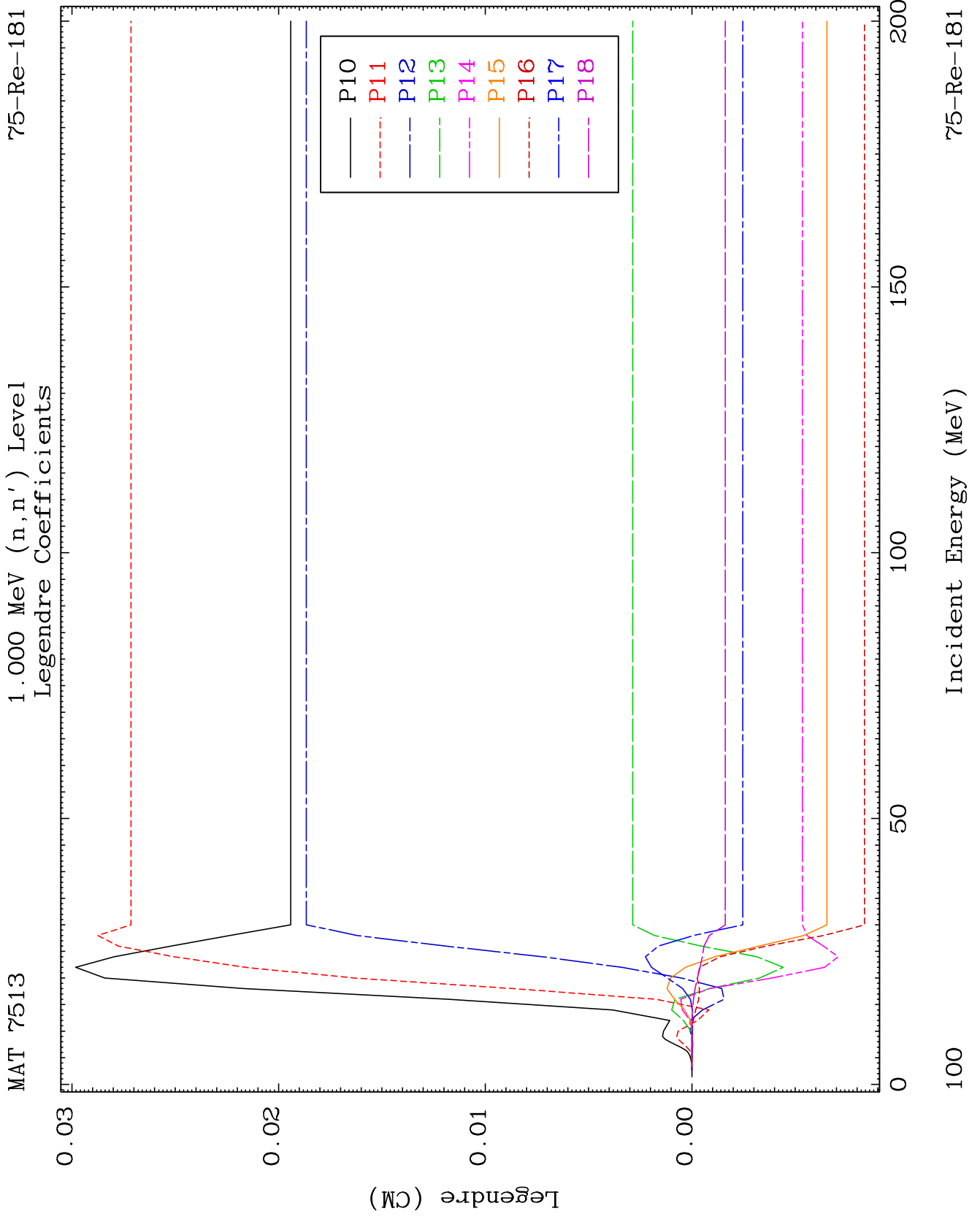
931.6 keV (n,n') Level
Legendre Coefficients

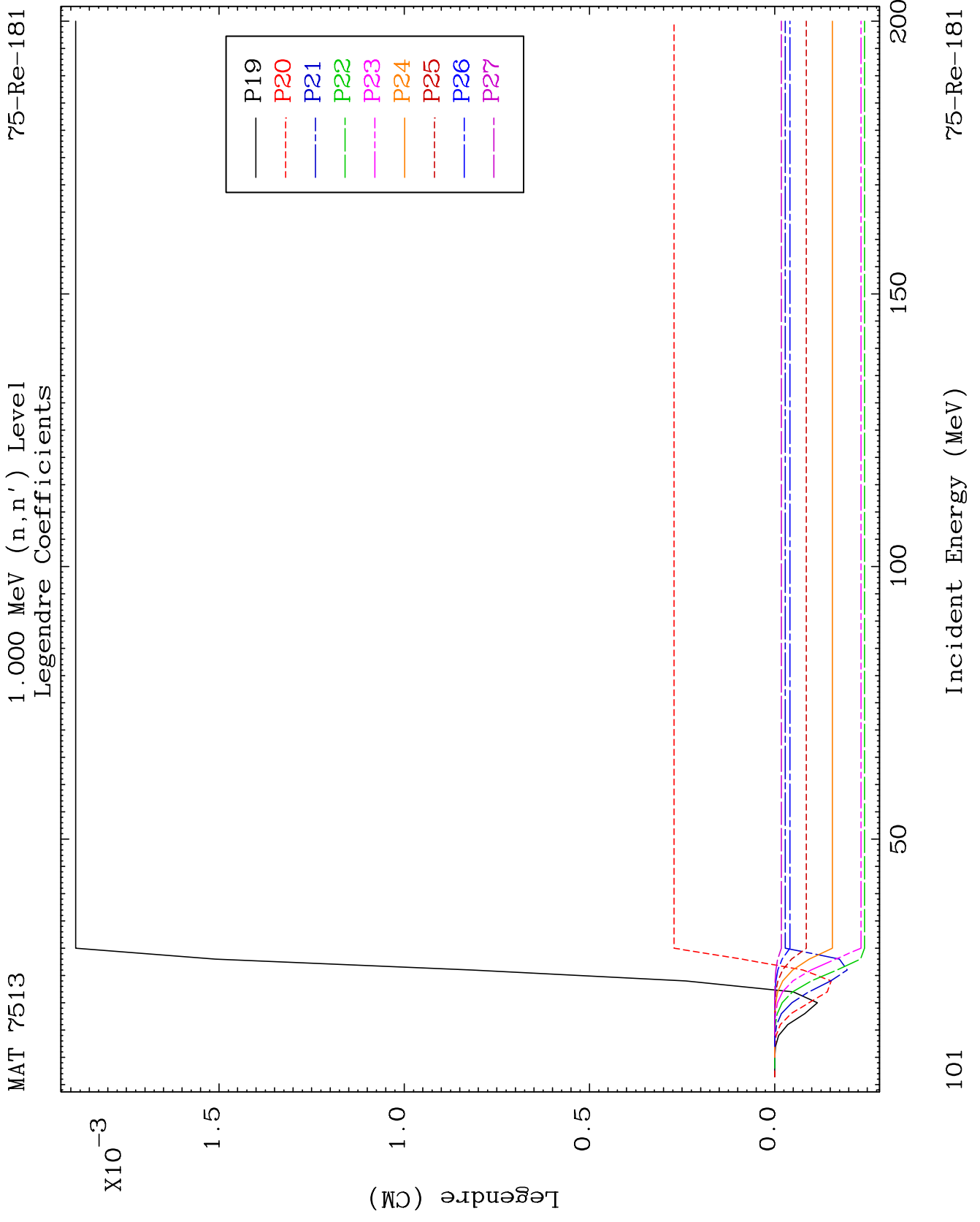
75-Re-181

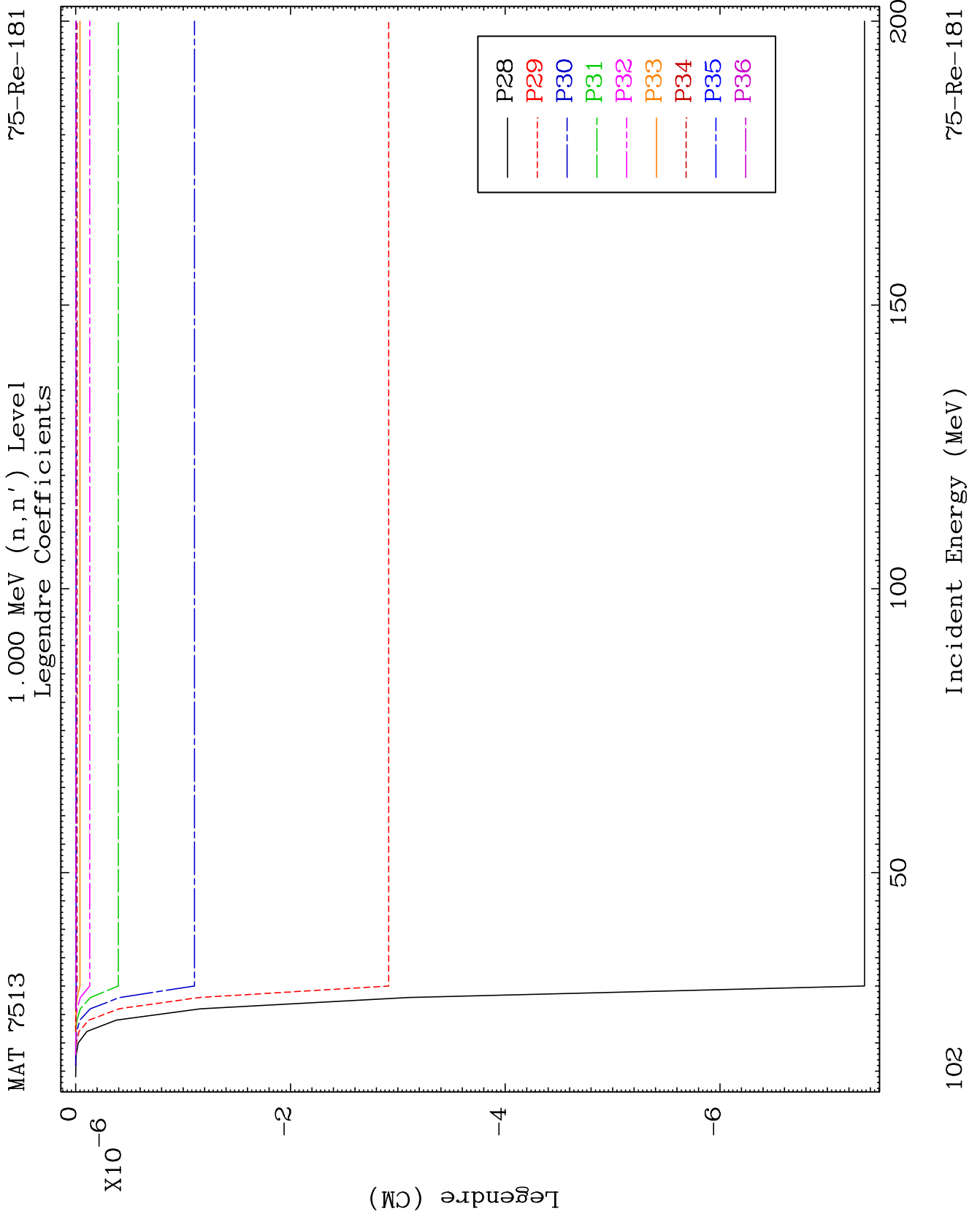


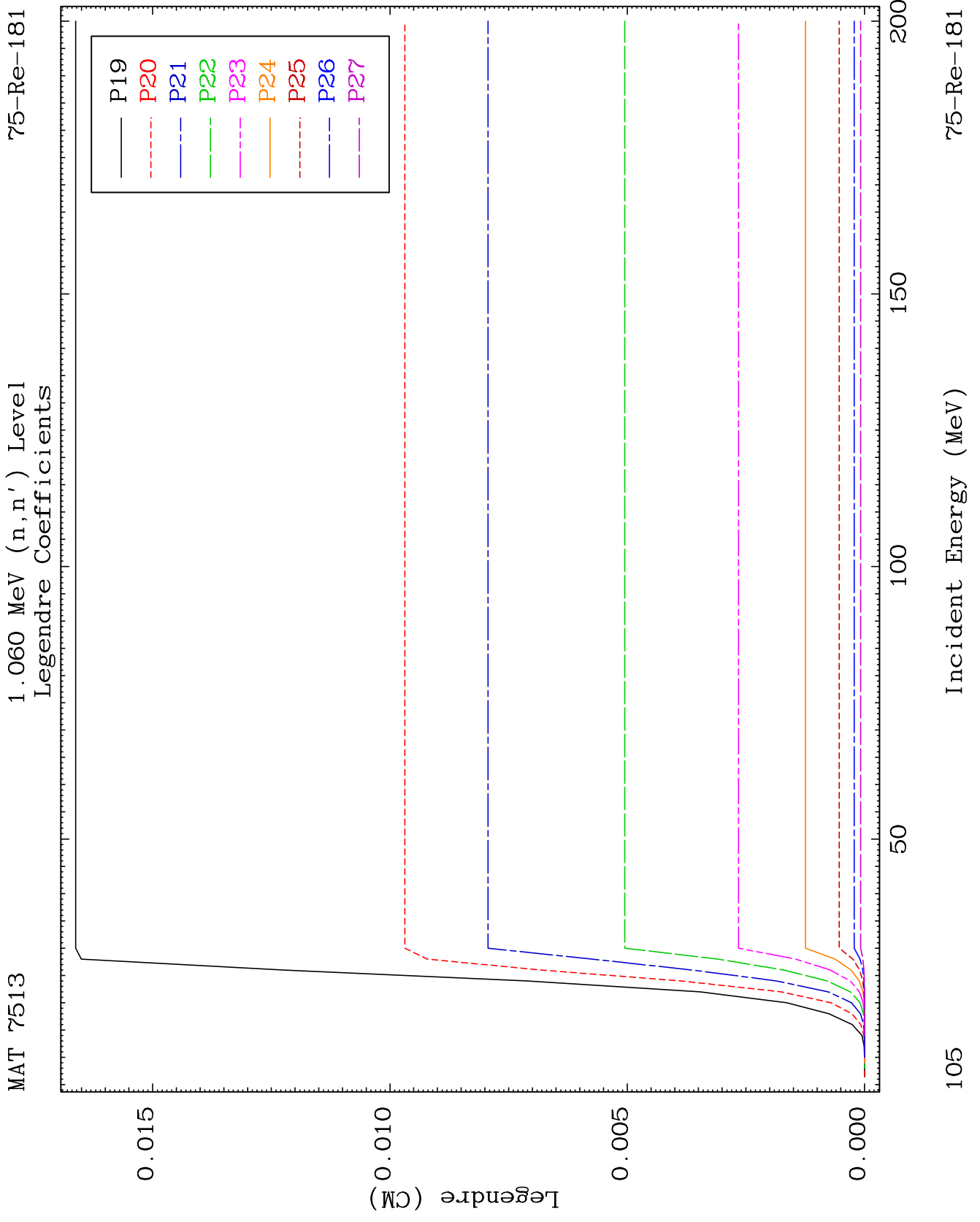


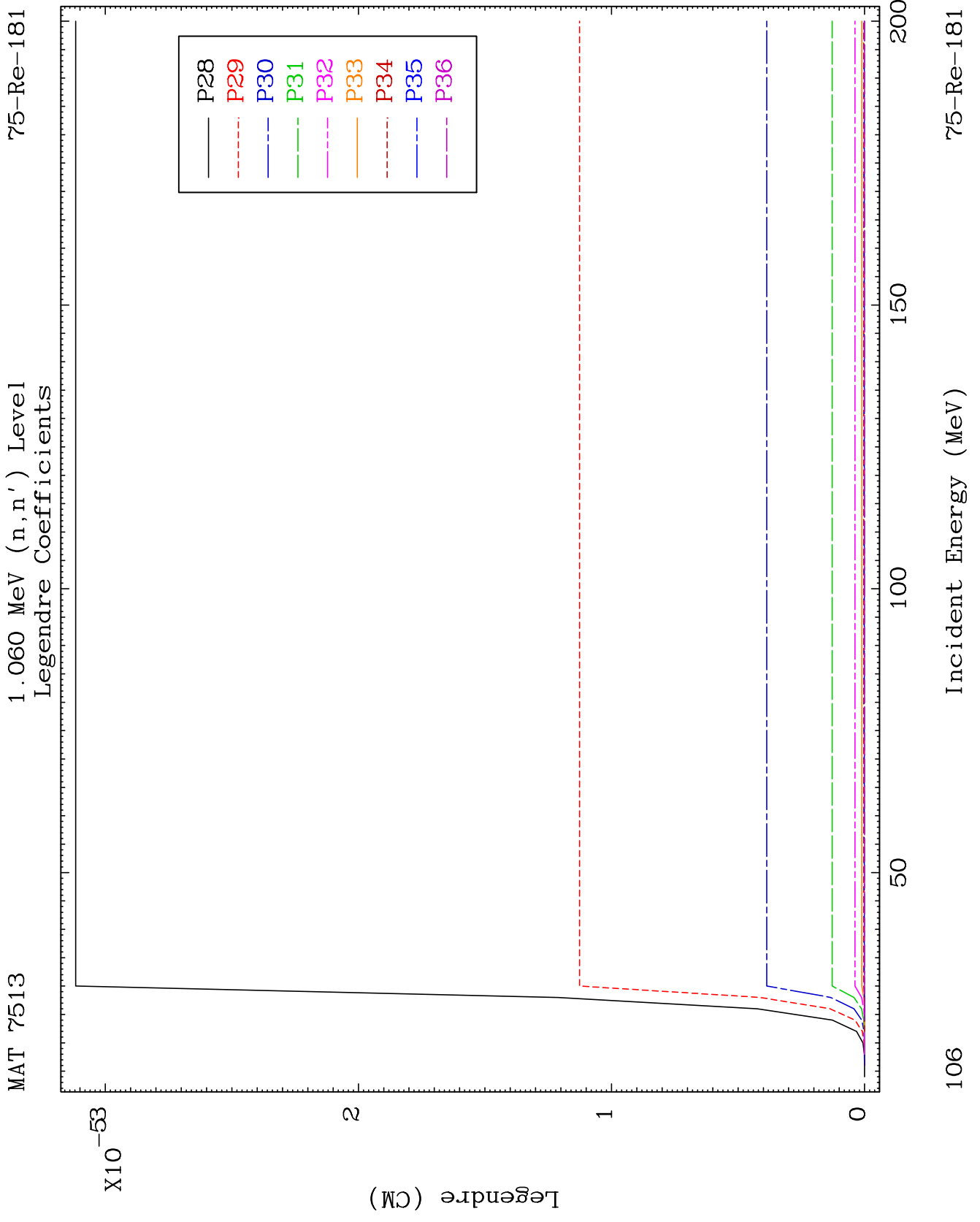


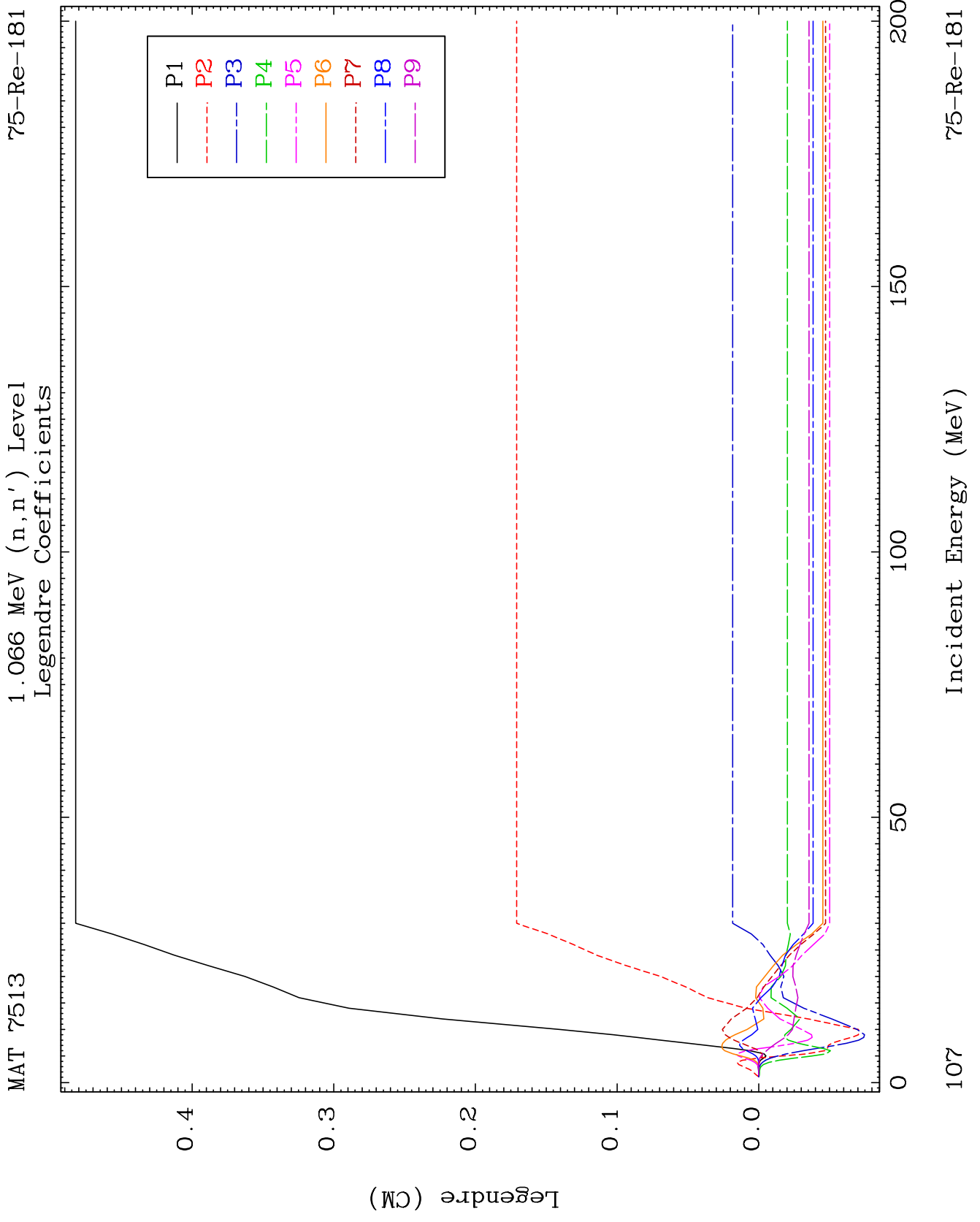








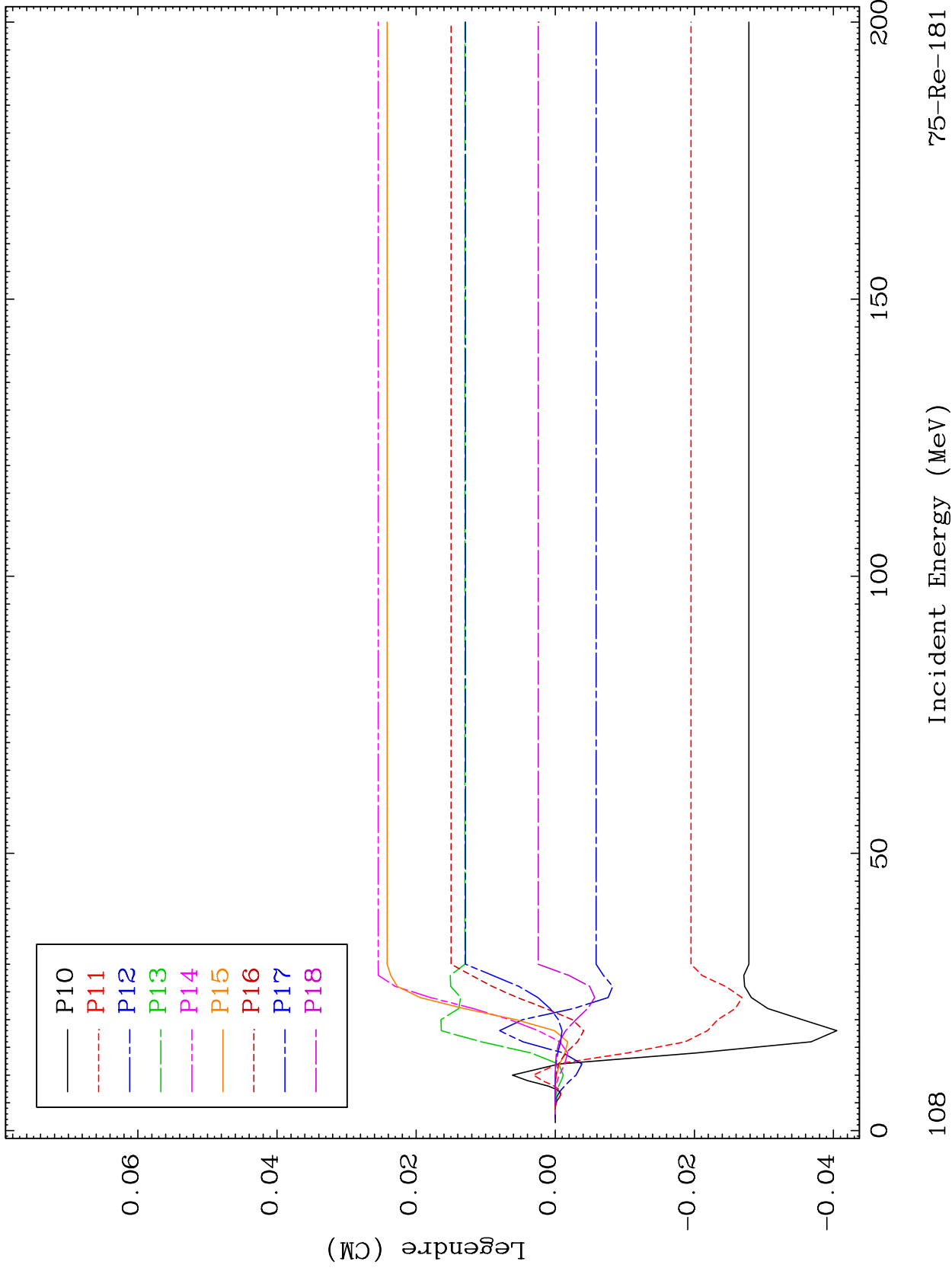




MAT 7513

1.066 MeV (n,n') Level
Legendre Coefficients

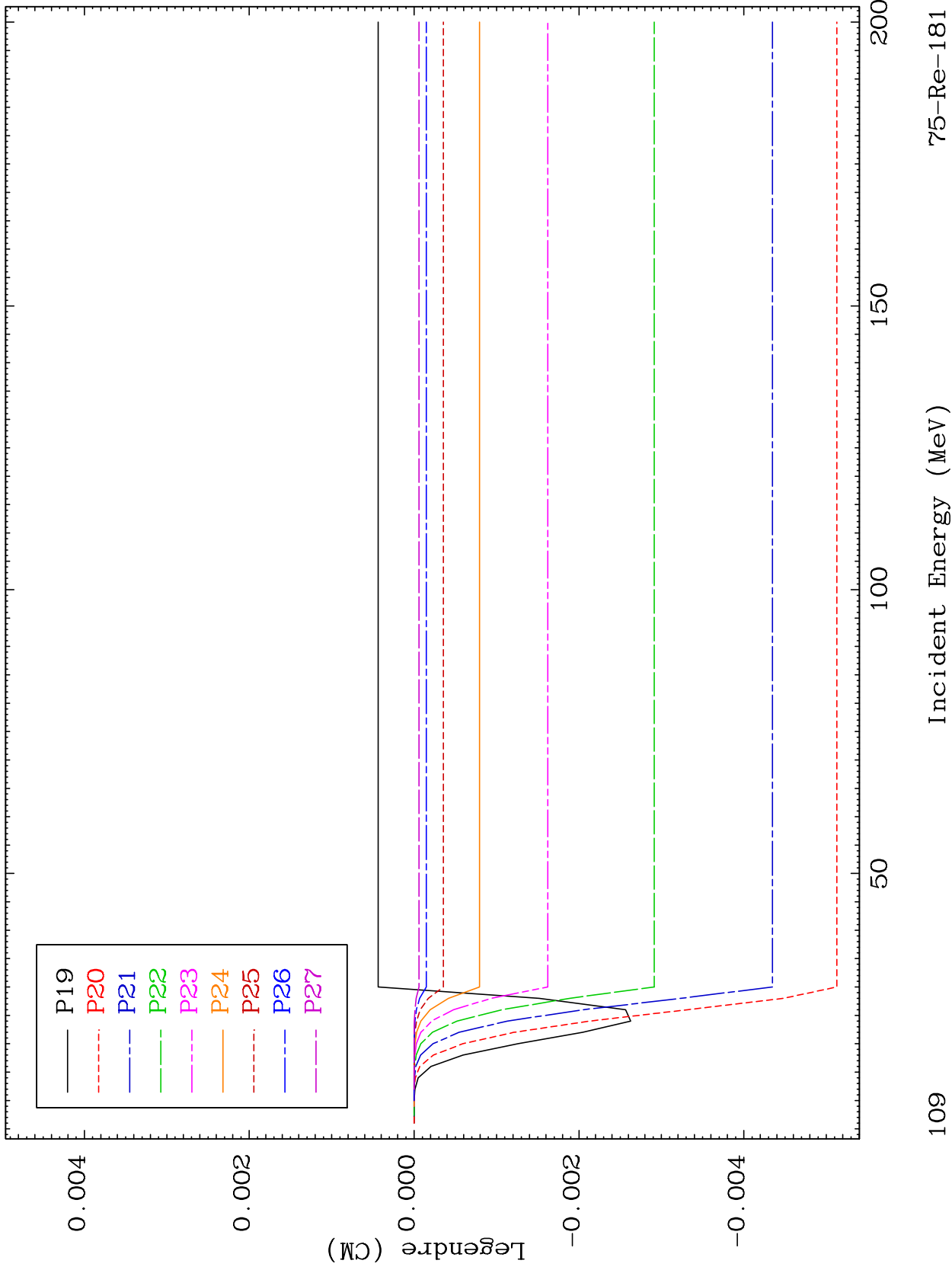
75-Re-181

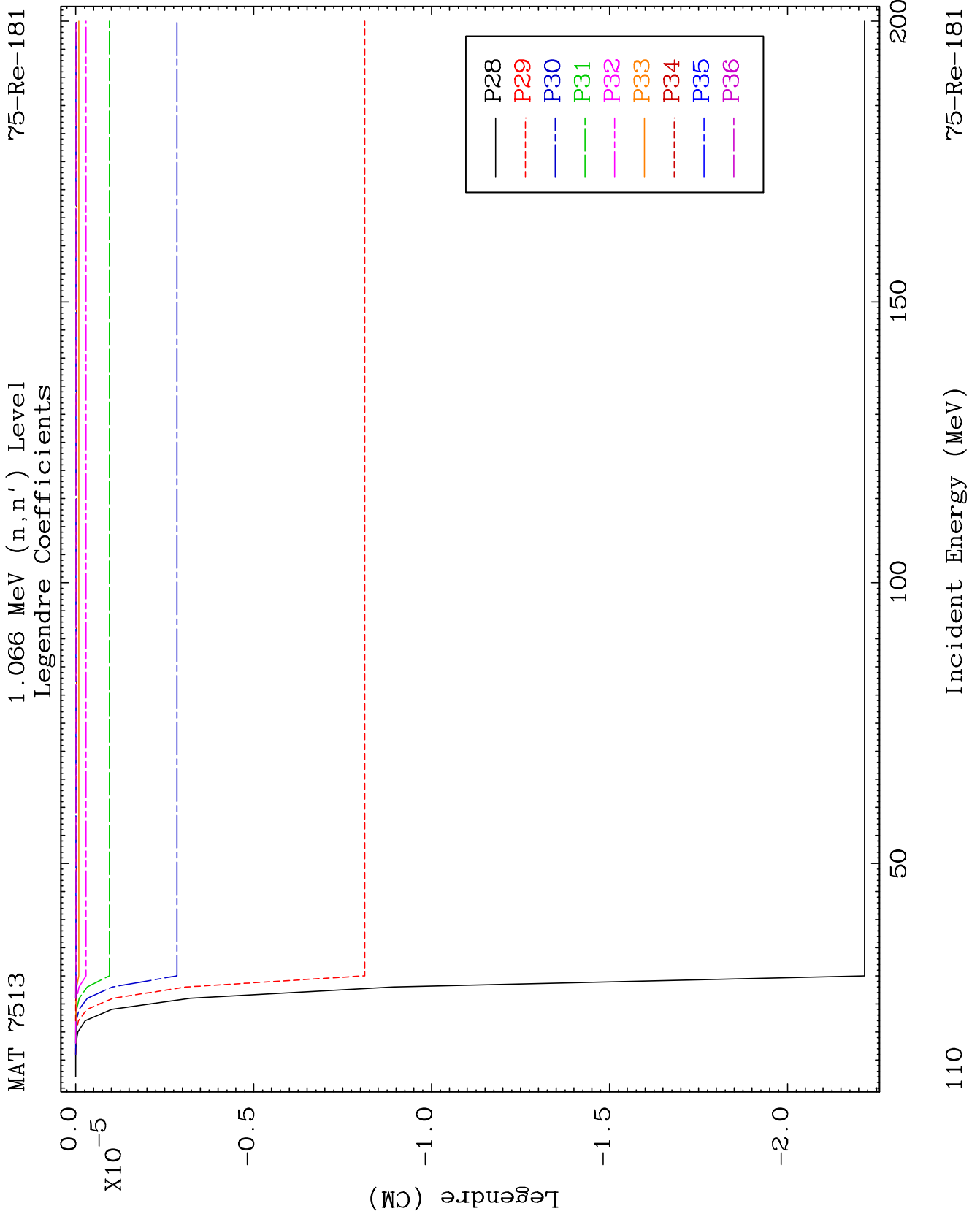


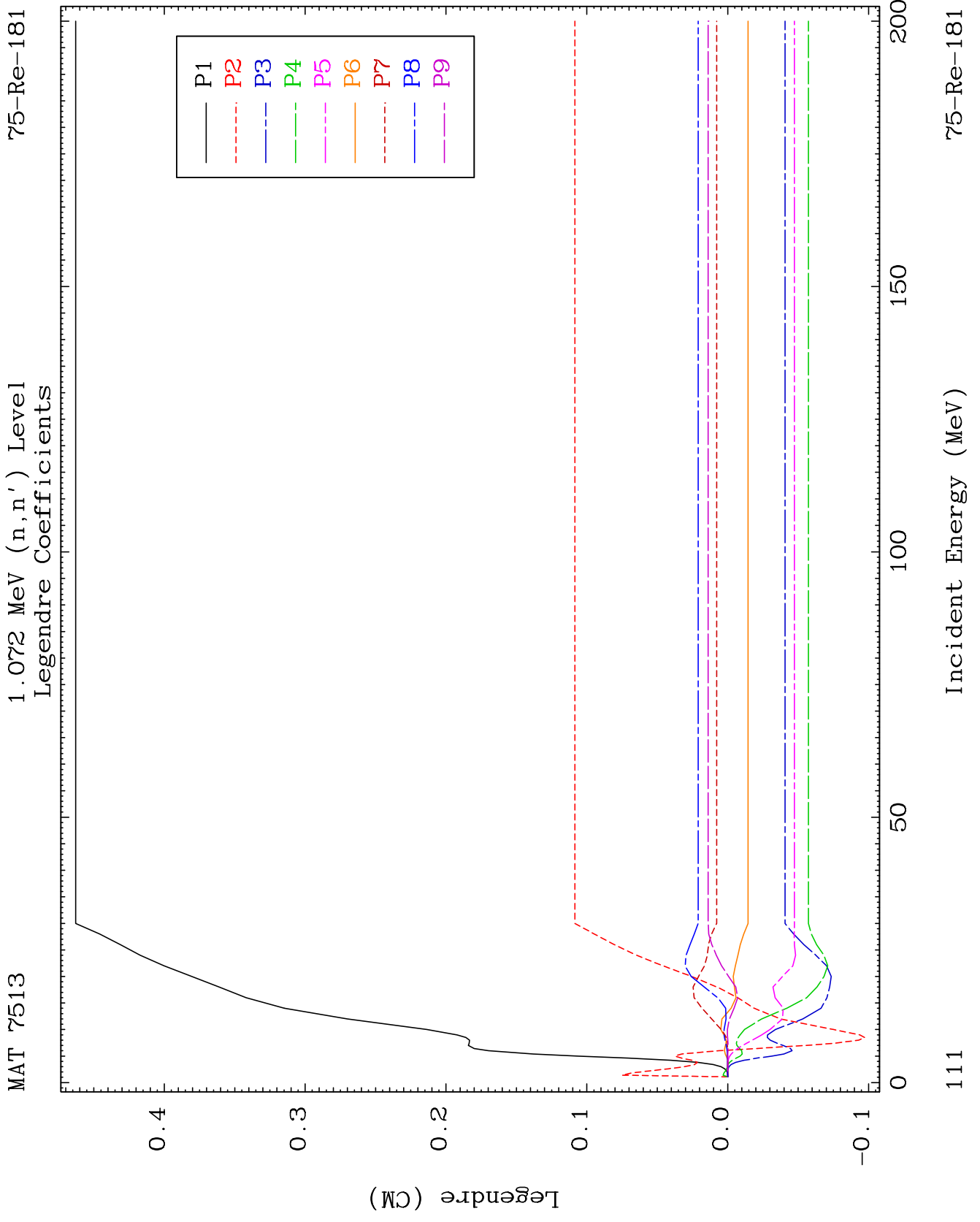
75-Re-181

Incident Energy (MeV)

108



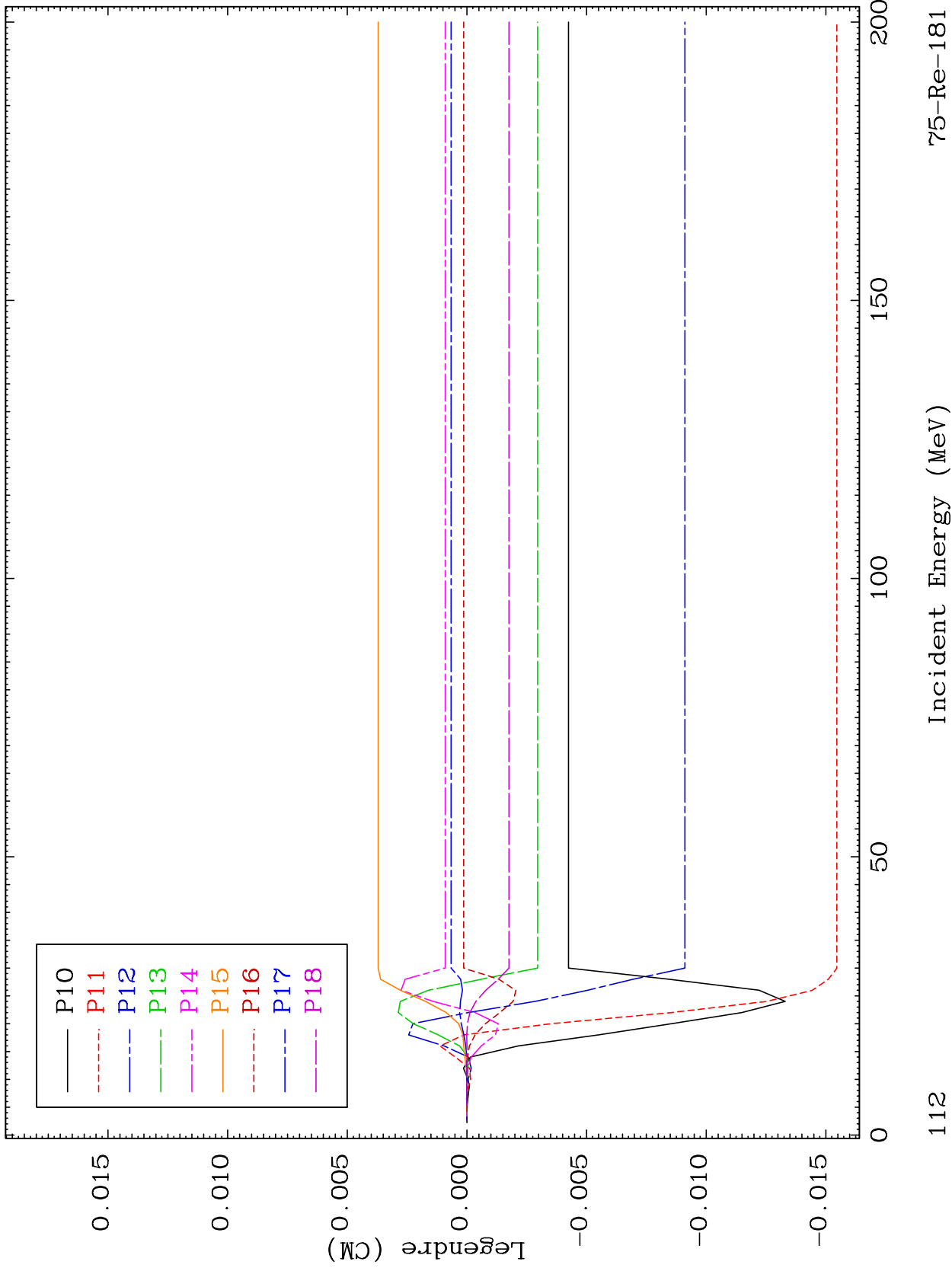




MAT 7513

1.072 MeV (n,n') Level Legendre Coefficients

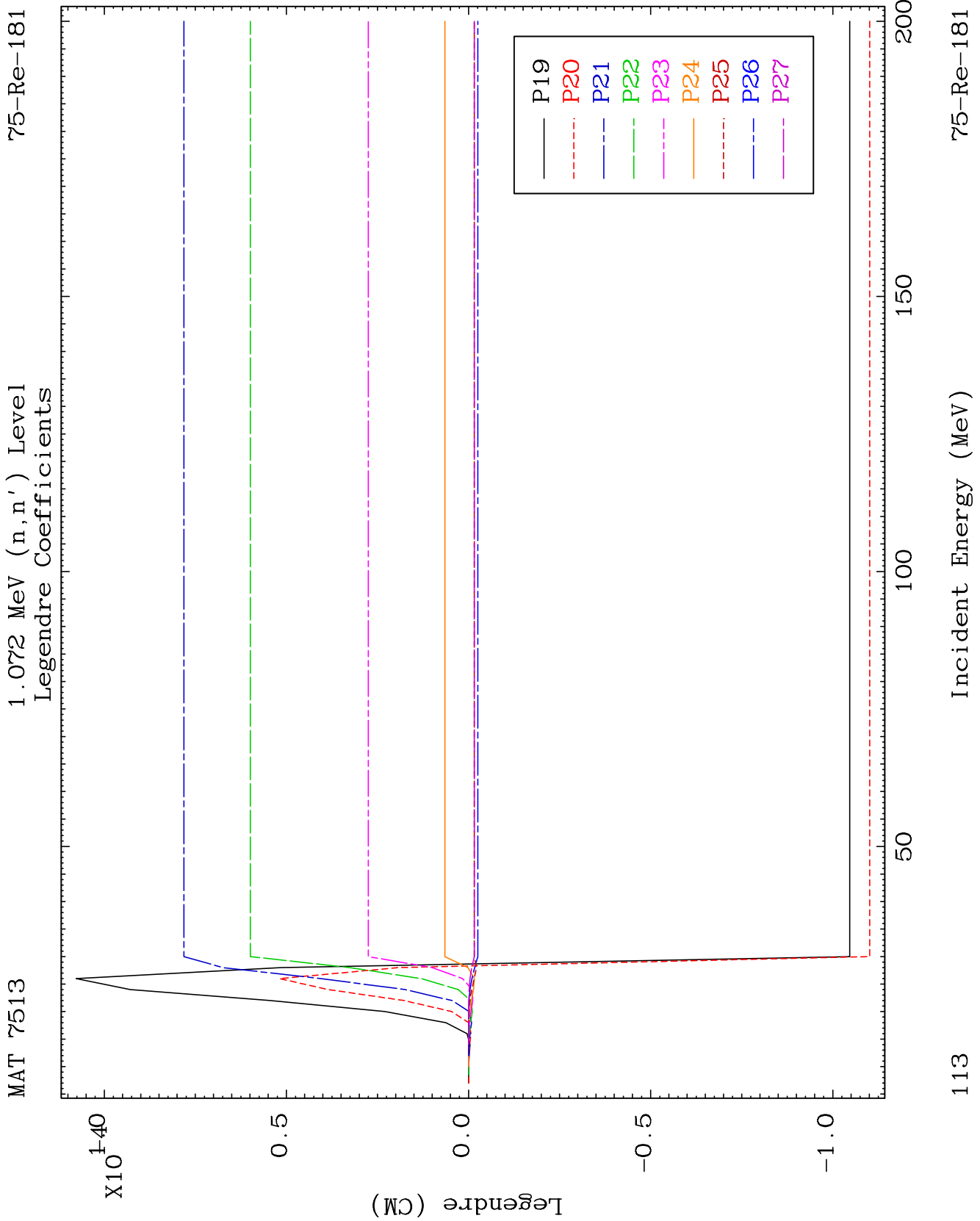
75-Re-181

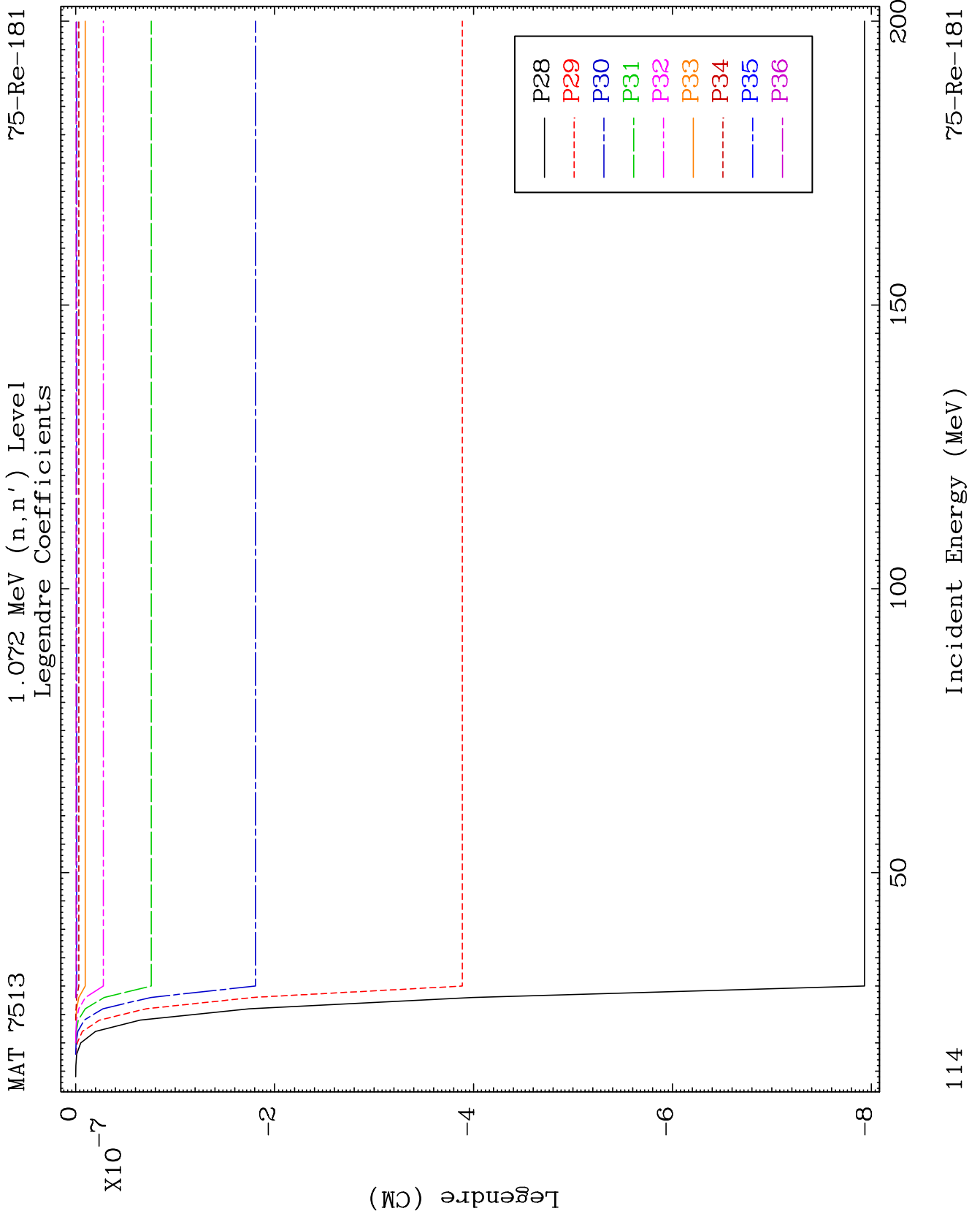


112

Incident Energy (MeV)

75-Re-181

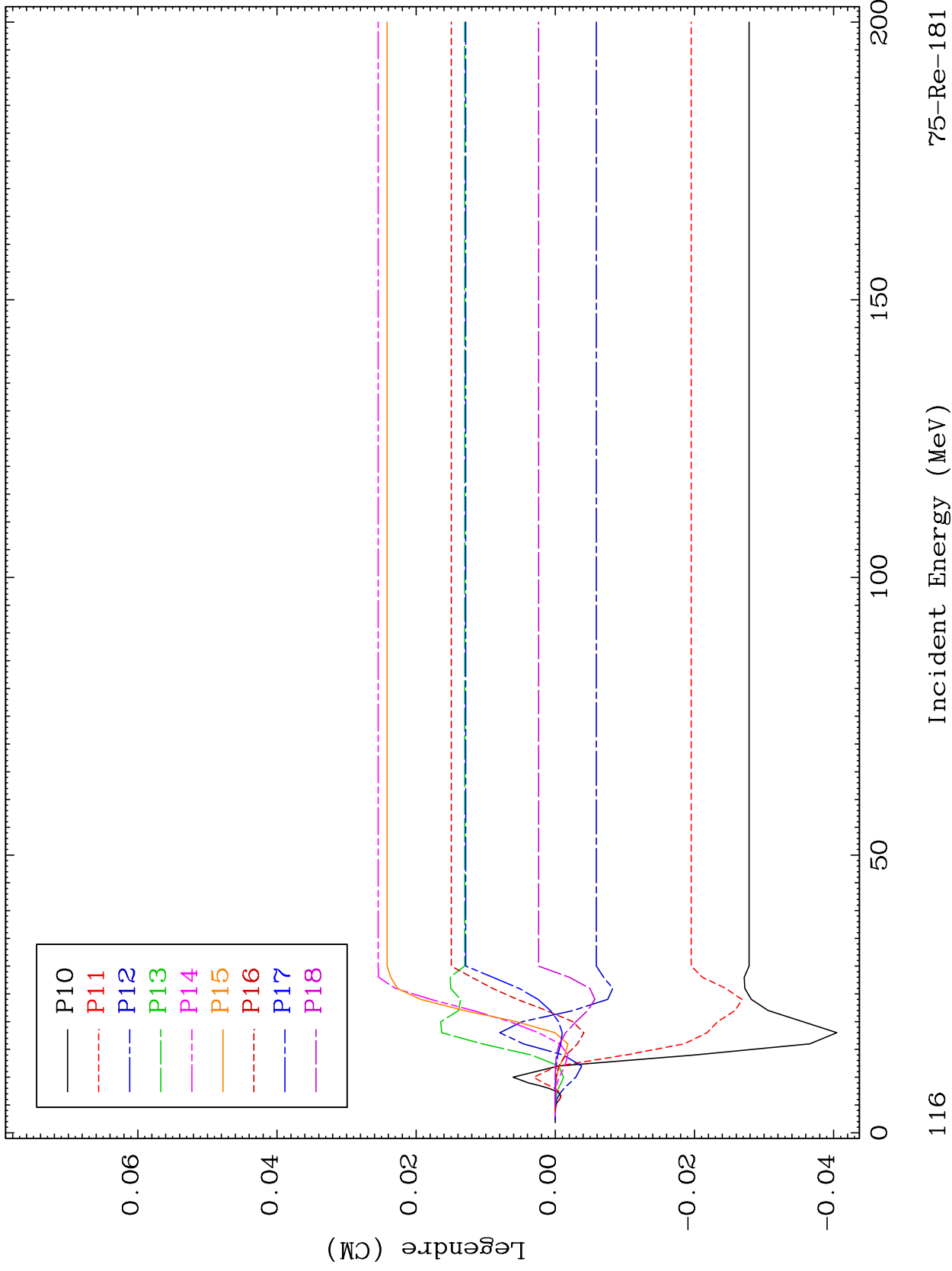




MAT 7513

1.108 MeV (n,n') Level
Legendre Coefficients

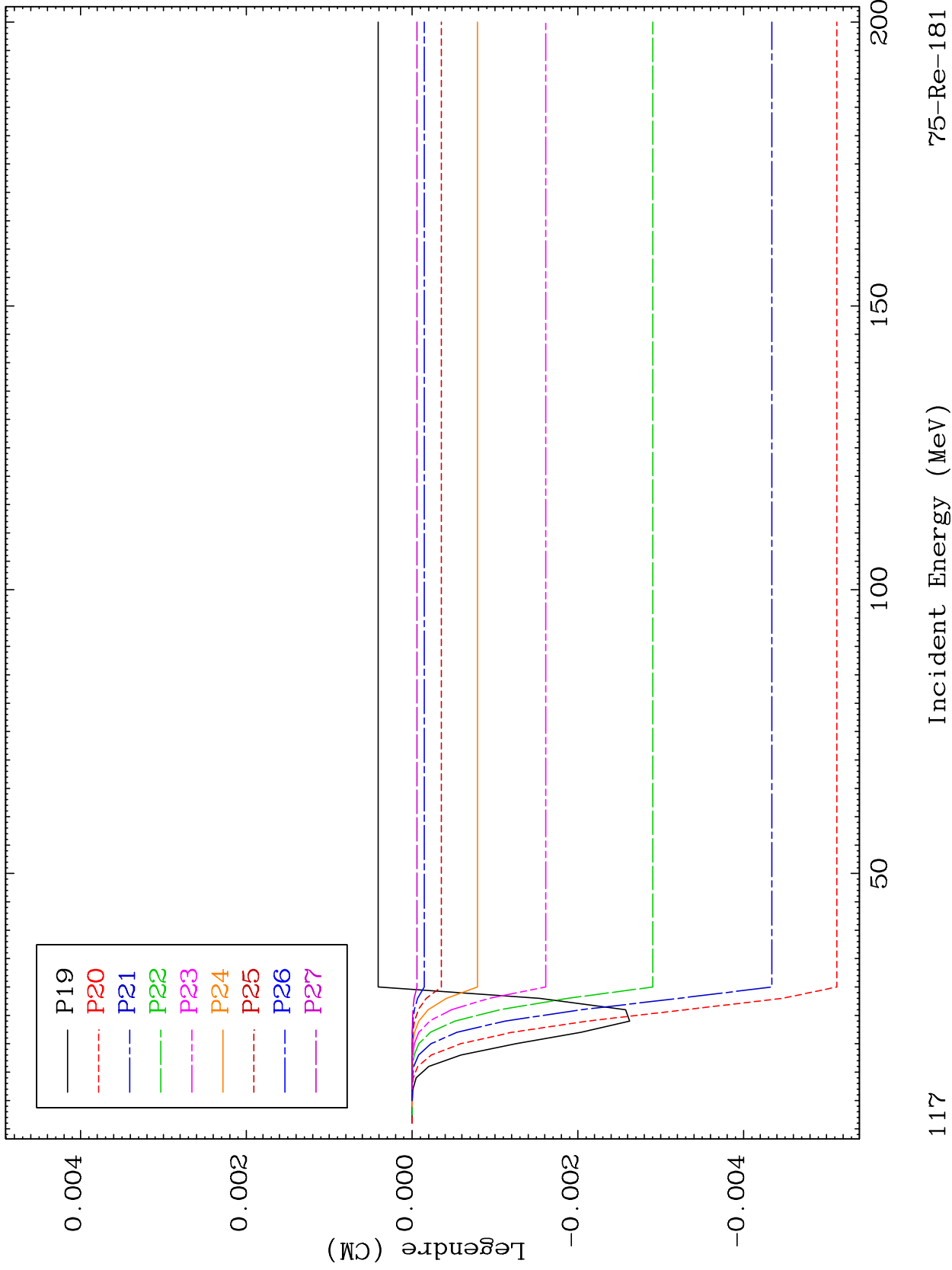
75-Re-181

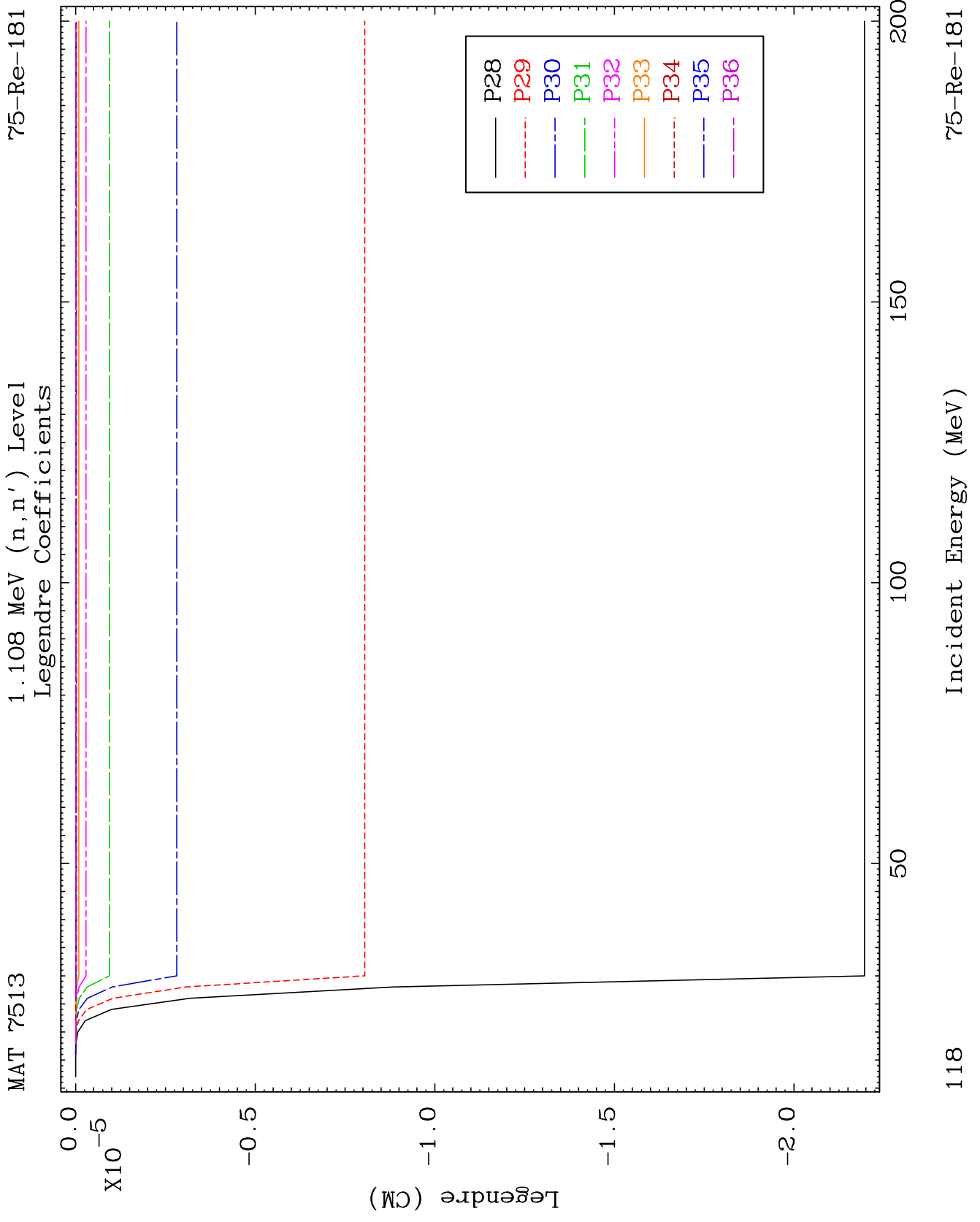


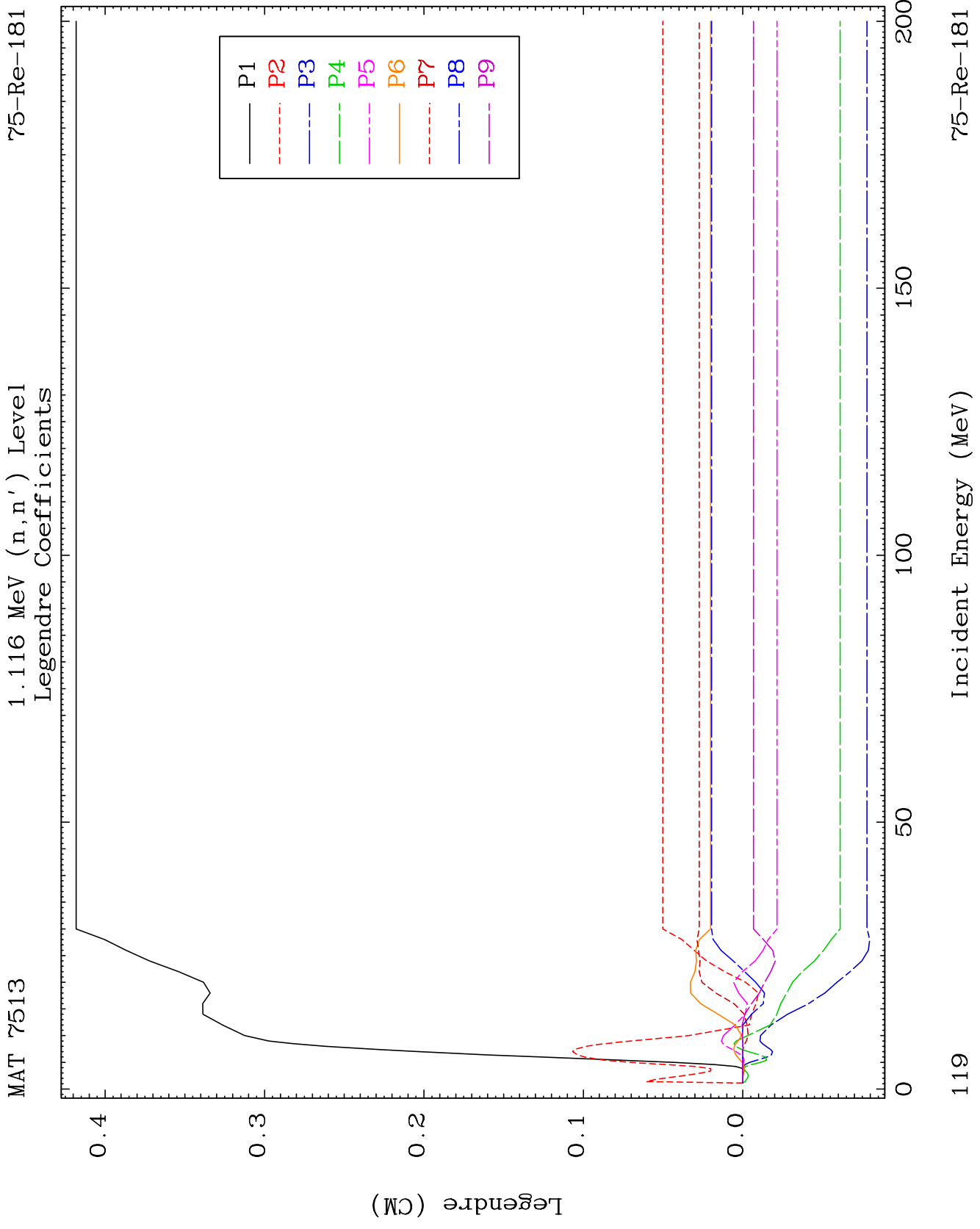
116

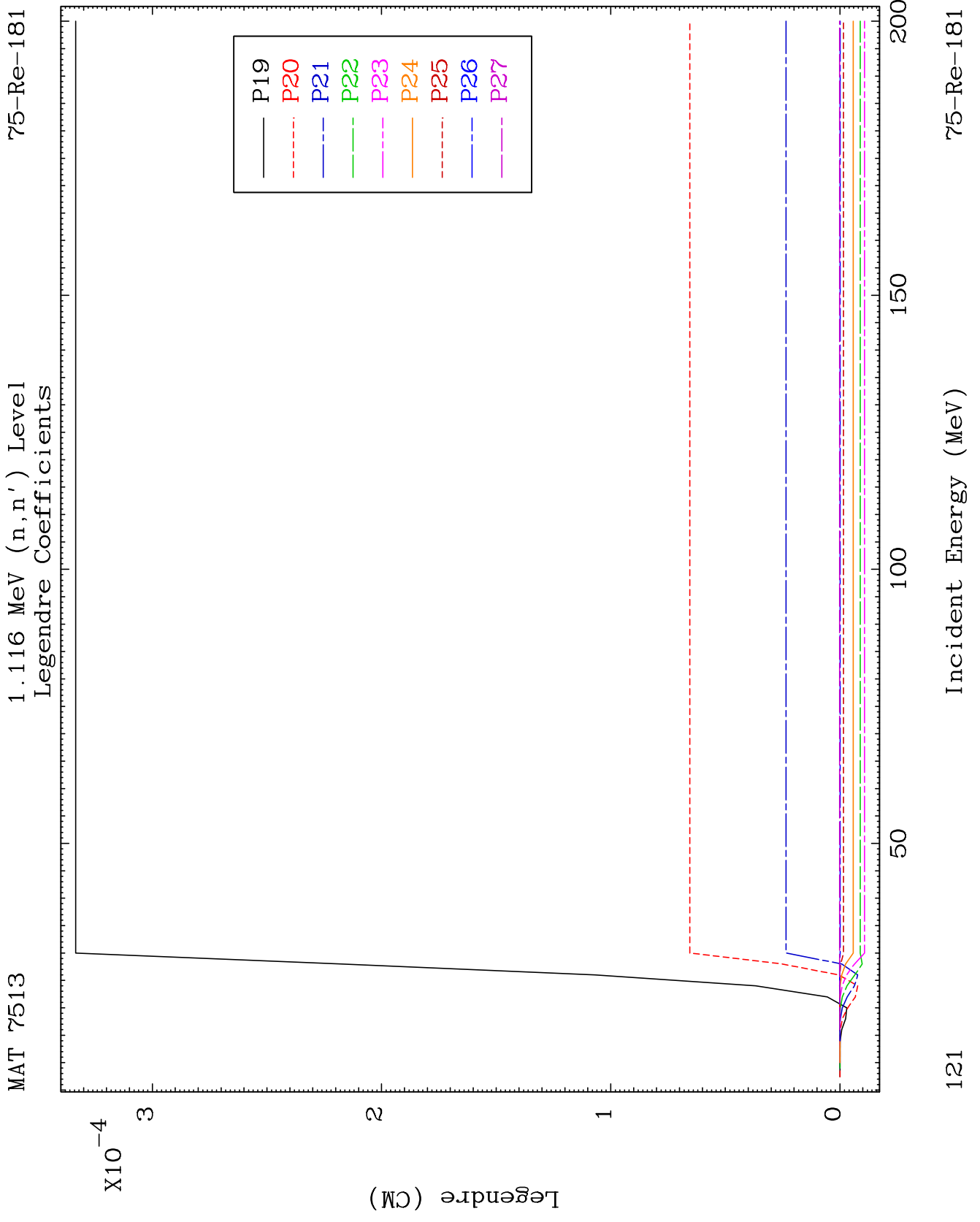
Incident Energy (MeV)

75-Re-181





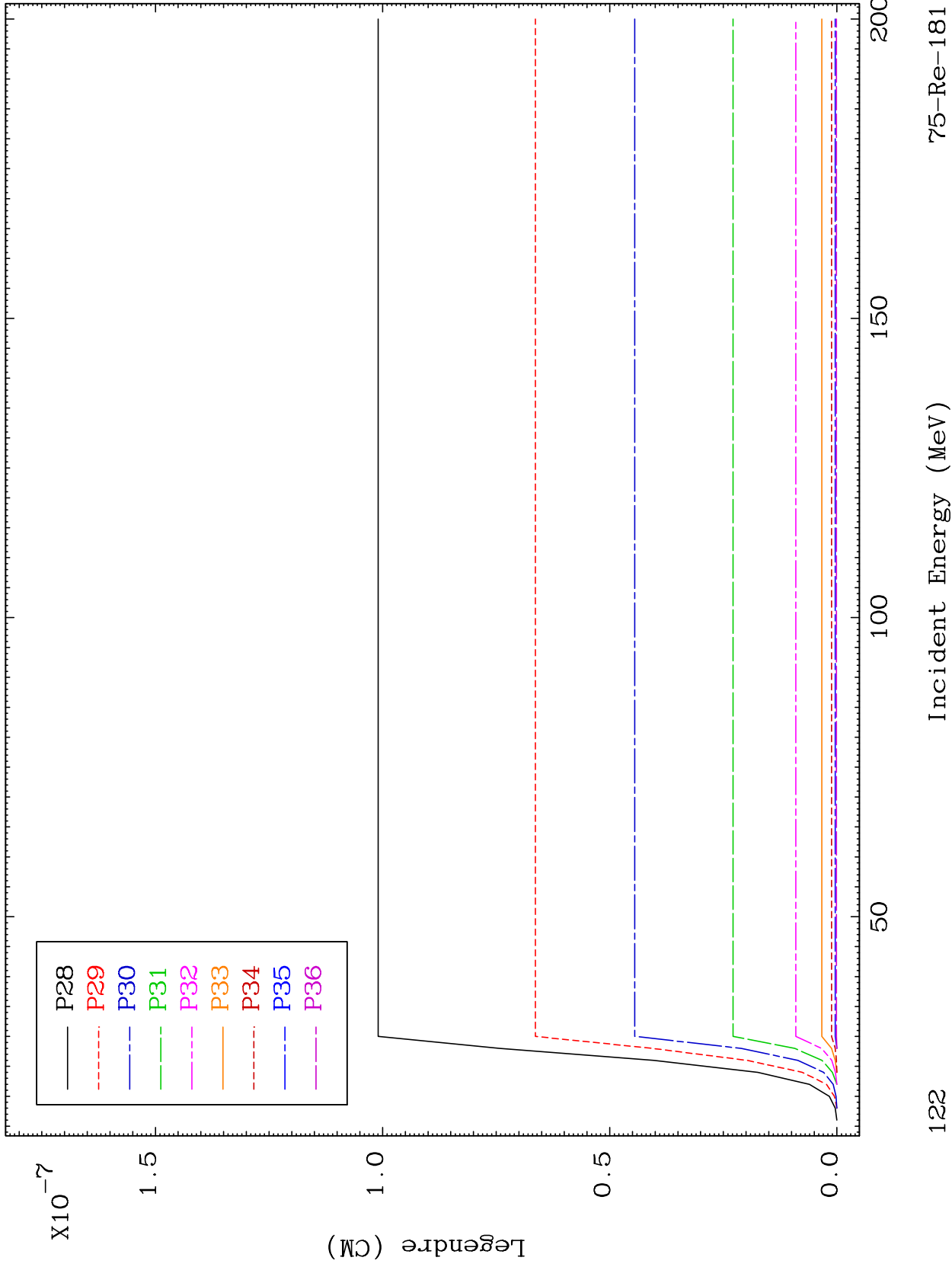




MAT 7513

1.116 MeV (n, n') Level
Legendre Coefficients

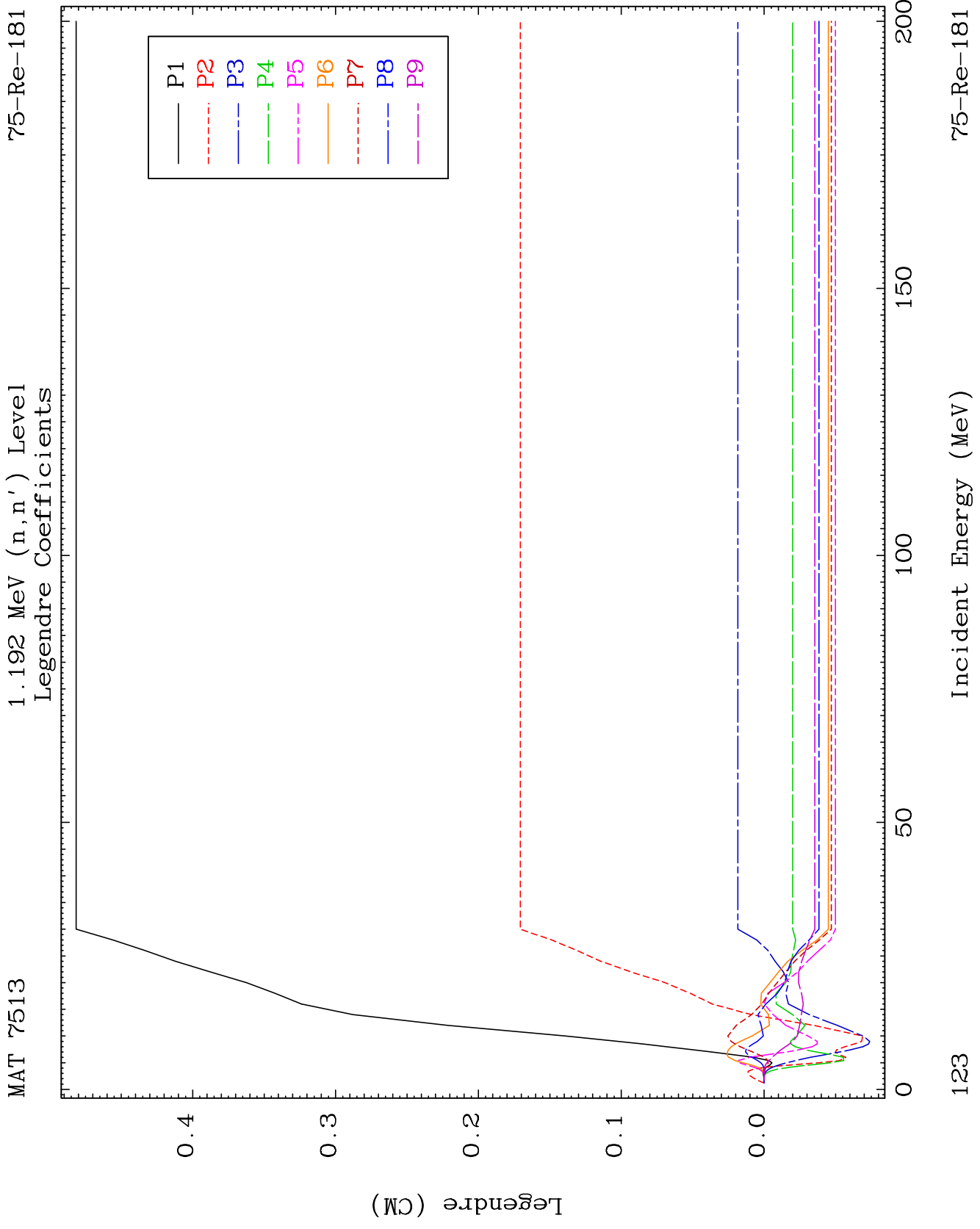
75-Re-181



122

Incident Energy (MeV)

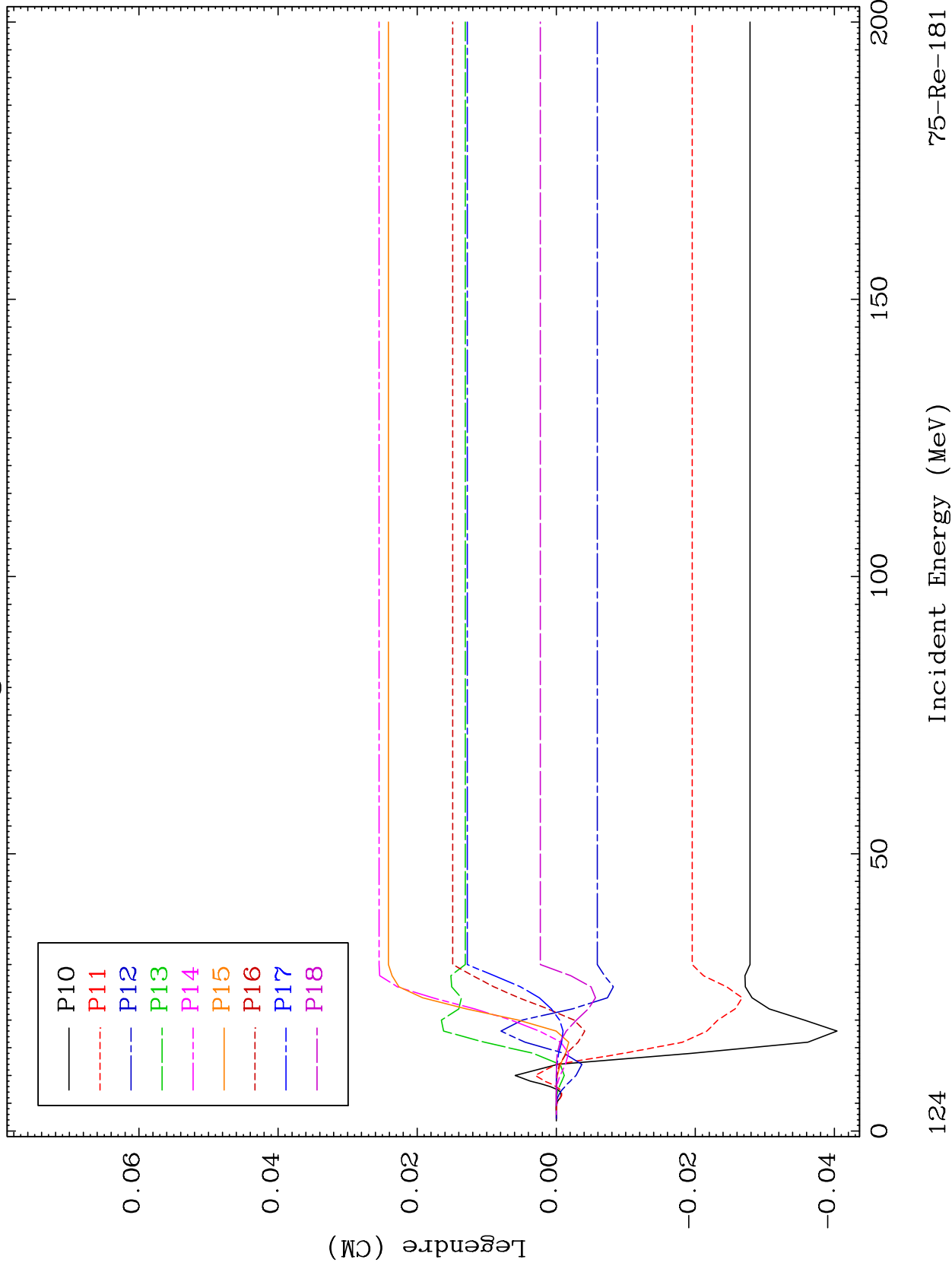
75-Re-181



MAT 7513

1.192 MeV (n, n') Level
Legendre Coefficients

75-Re-181



124

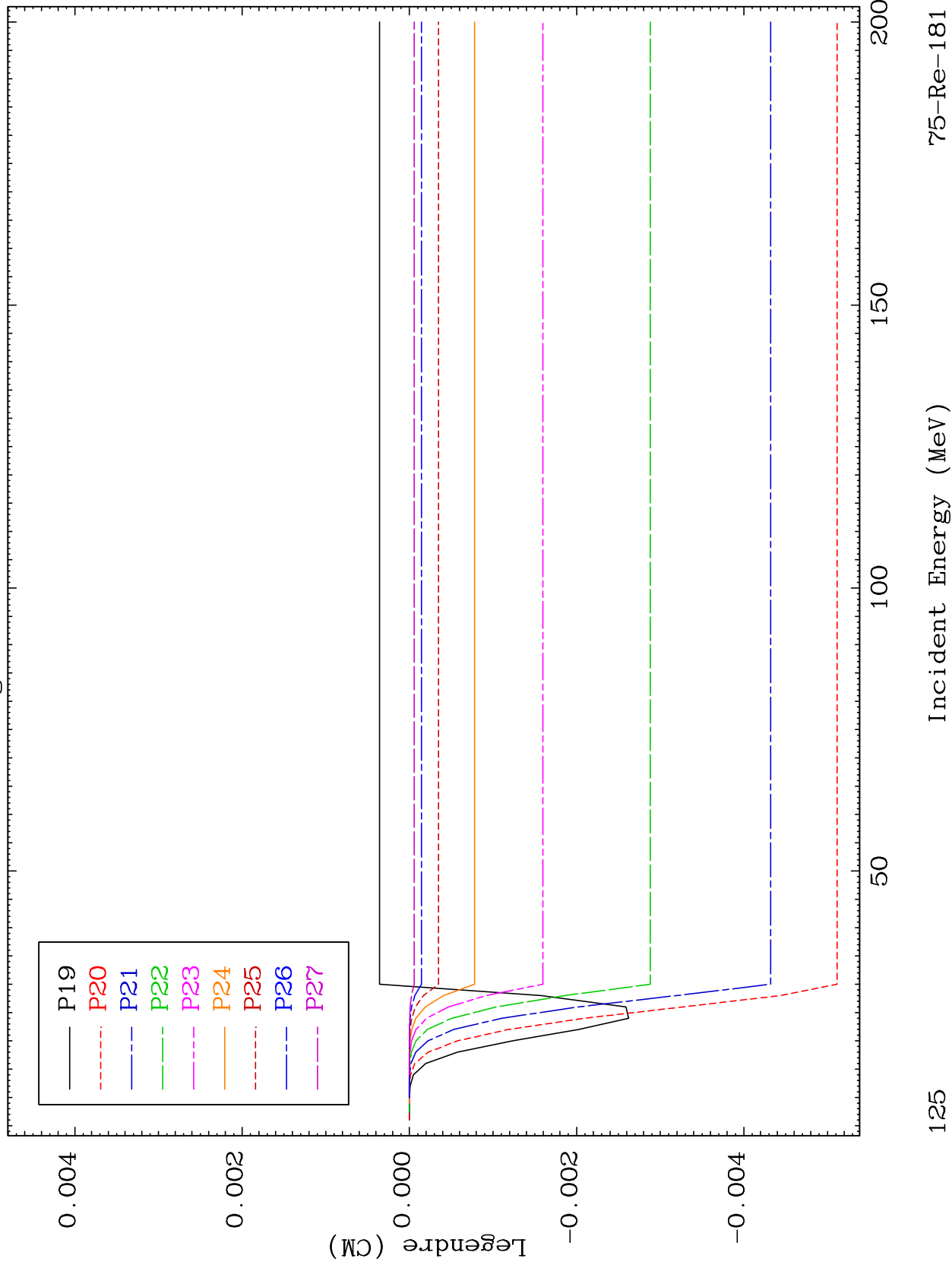
Incident Energy (MeV)

75-Re-181

MAT 7513

1.192 MeV (n, n') Level
Legendre Coefficients

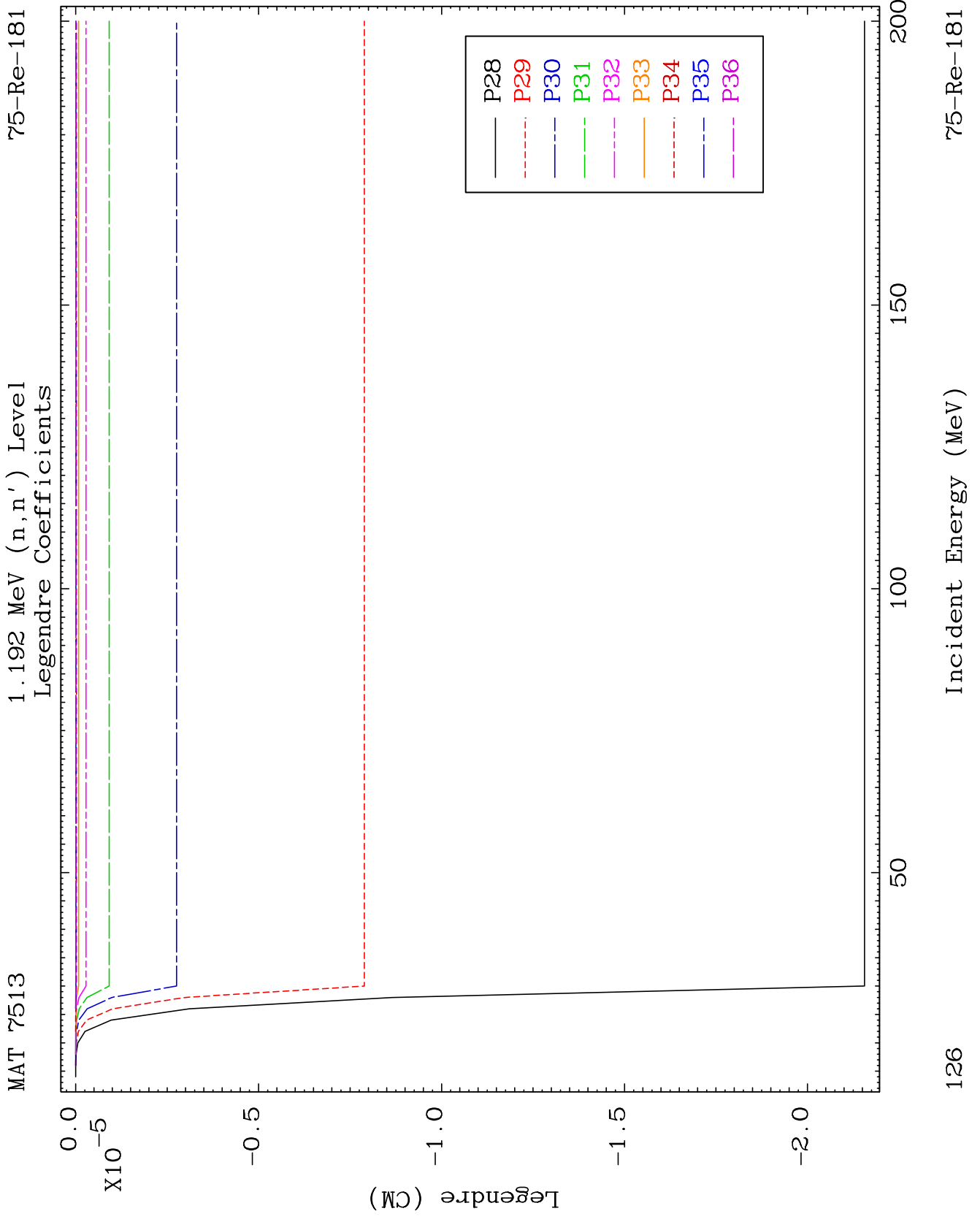
75-Re-181



125

Incident Energy (MeV)

75-Re-181

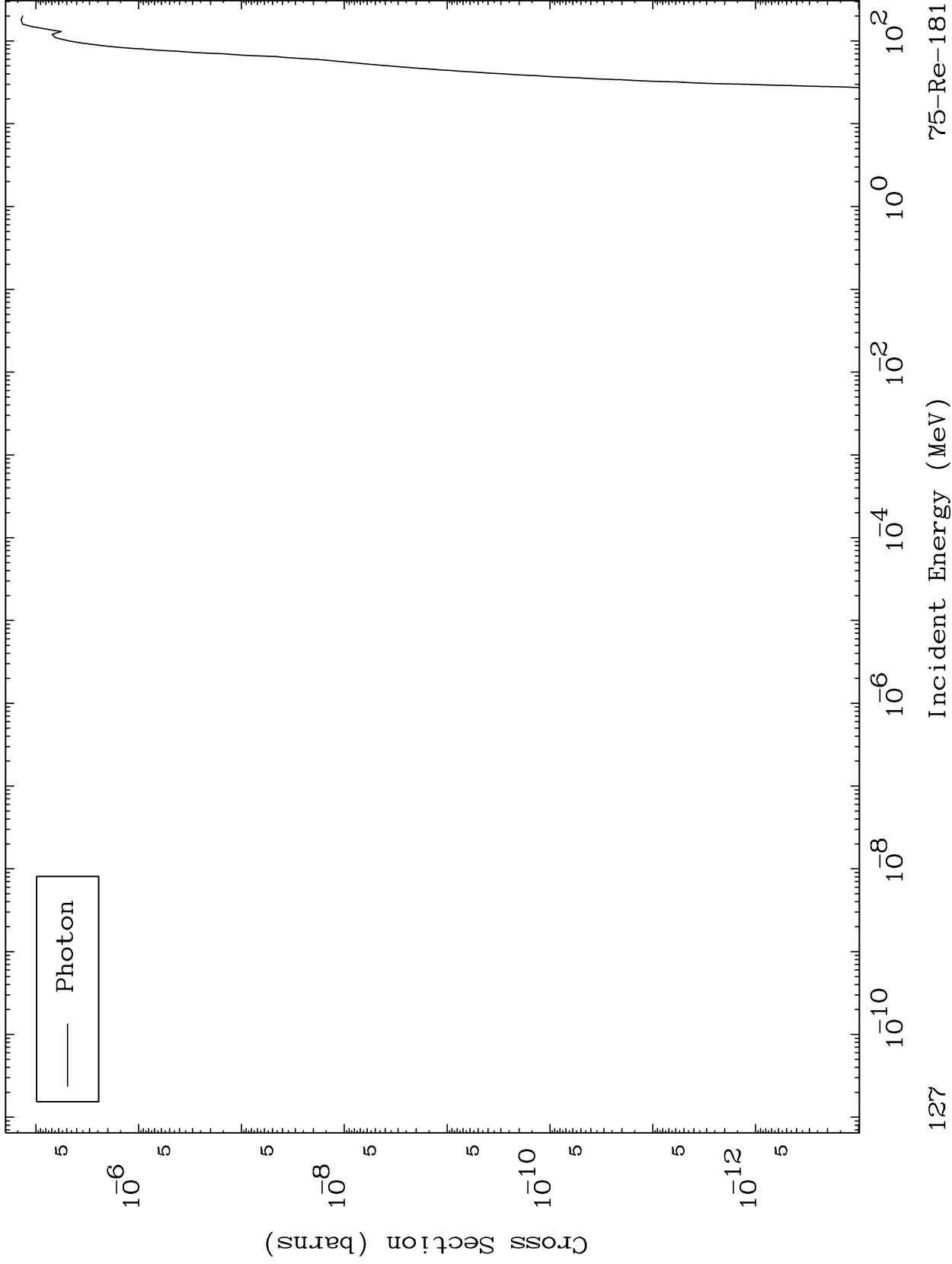


MAT 7513

Fission

⁷⁵Re-181

Radionuclide Production Cross Section

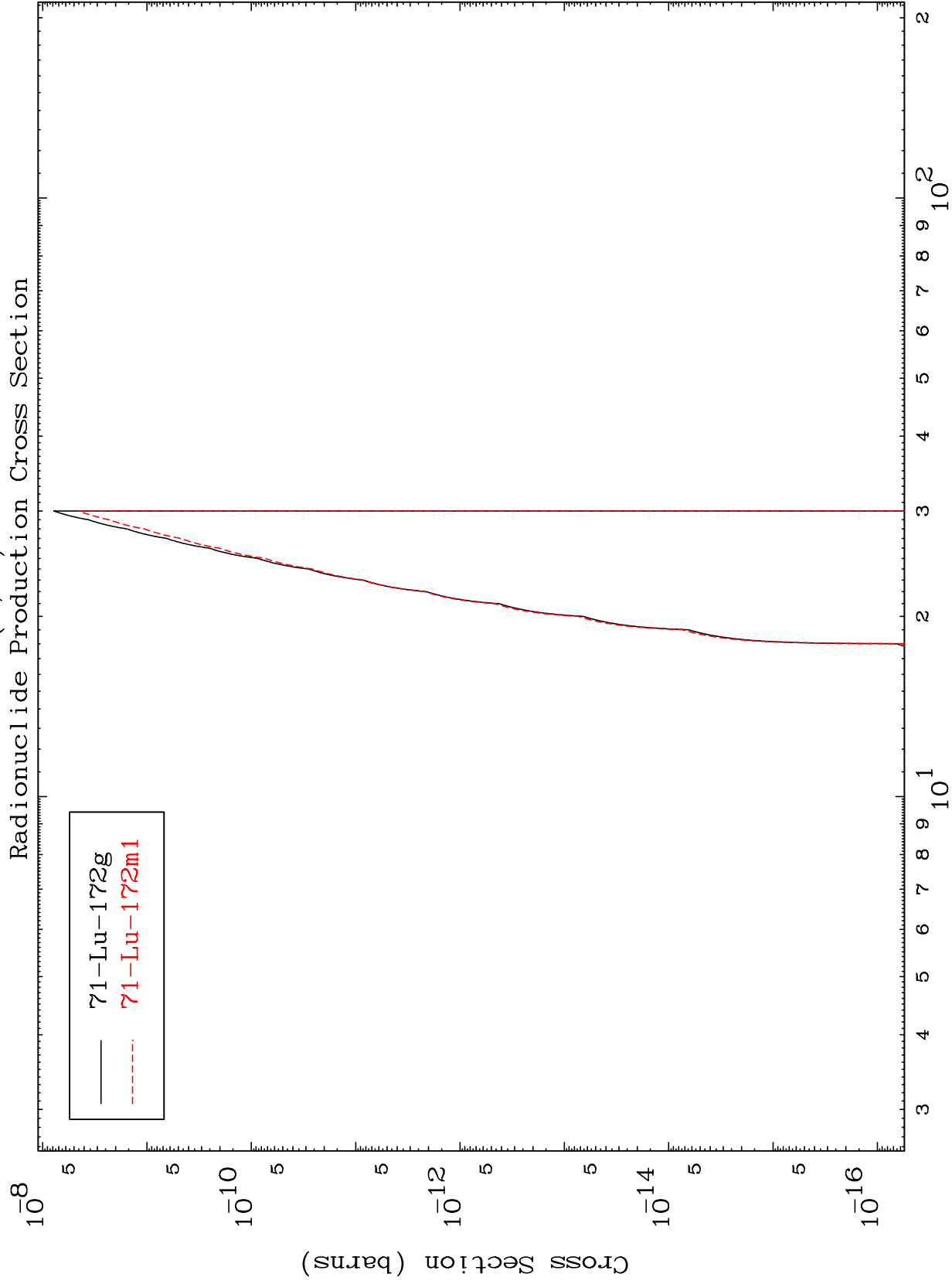


MAT 7513

(n,2n) 2α

75-Re-181

Radionuclide Production Cross Section



128

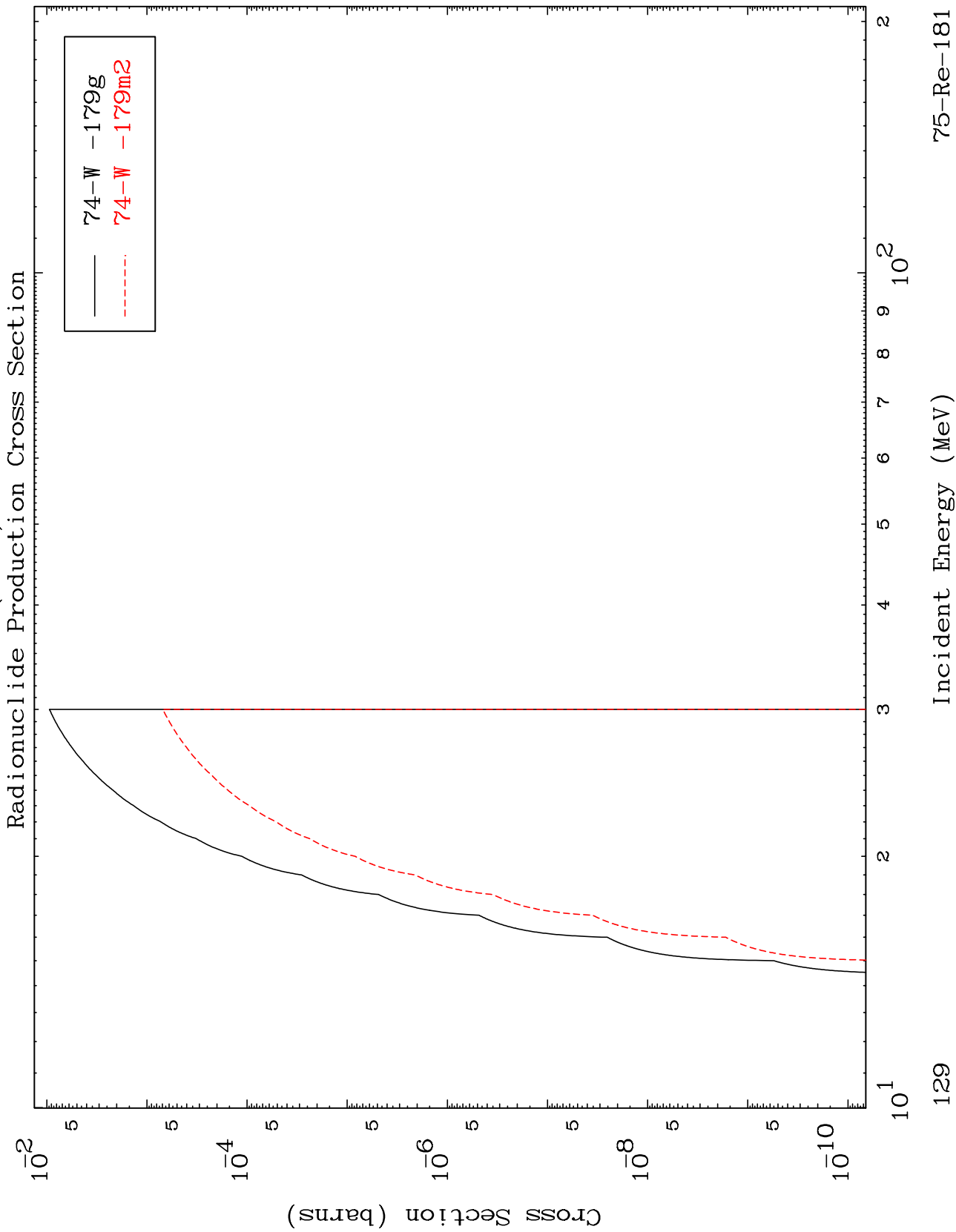
Incident Energy (MeV)

75-Re-181

MAT 7513

(n,n') d

75-Re-181



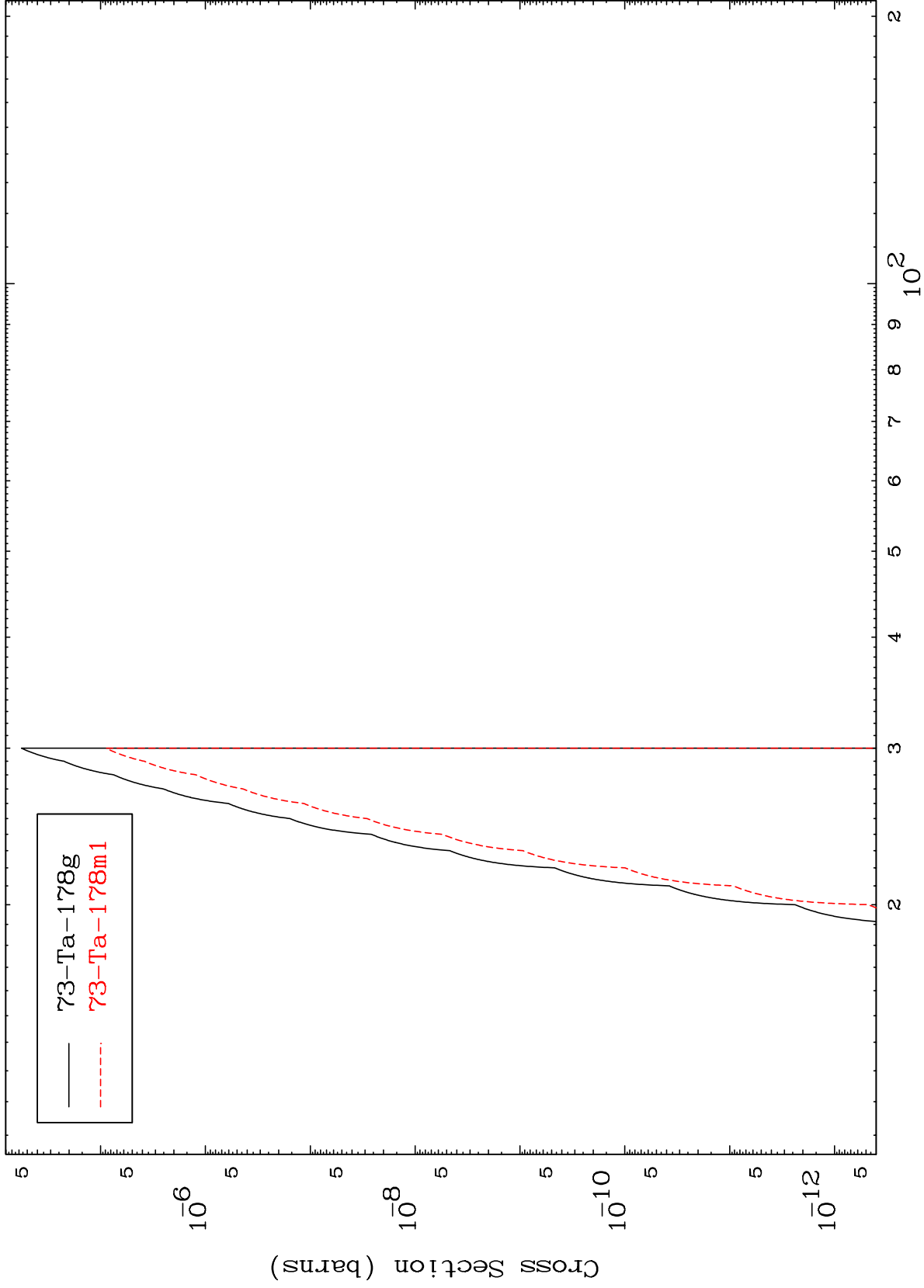
129

MAT 7513

(n,n') He-3

75-Re-181

Radionuclide Production Cross Section



130

Incident Energy (MeV)

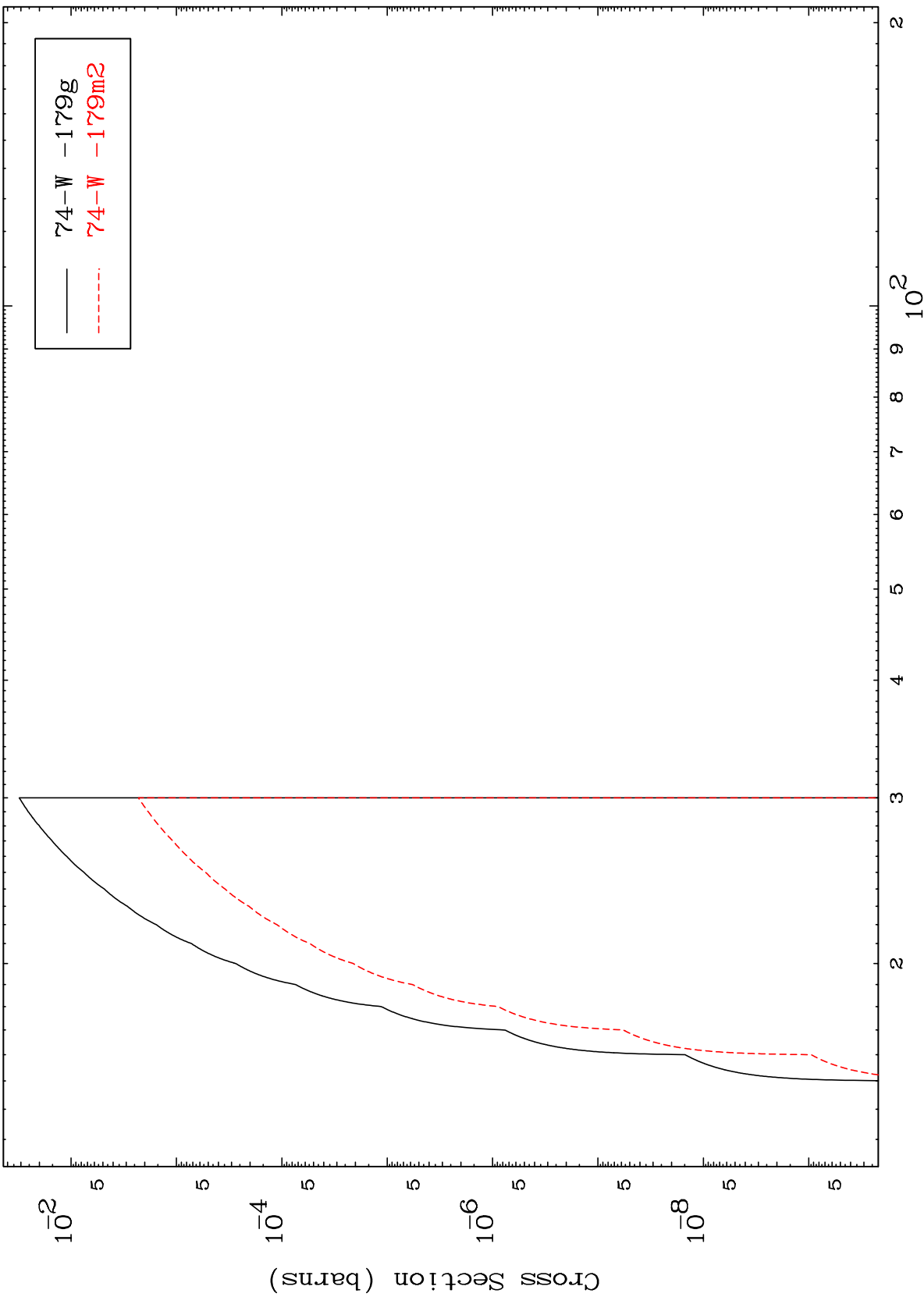
75-Re-181

MAT 7513

(n,2n) p

75-Re-181

Radionuclide Production Cross Section



131

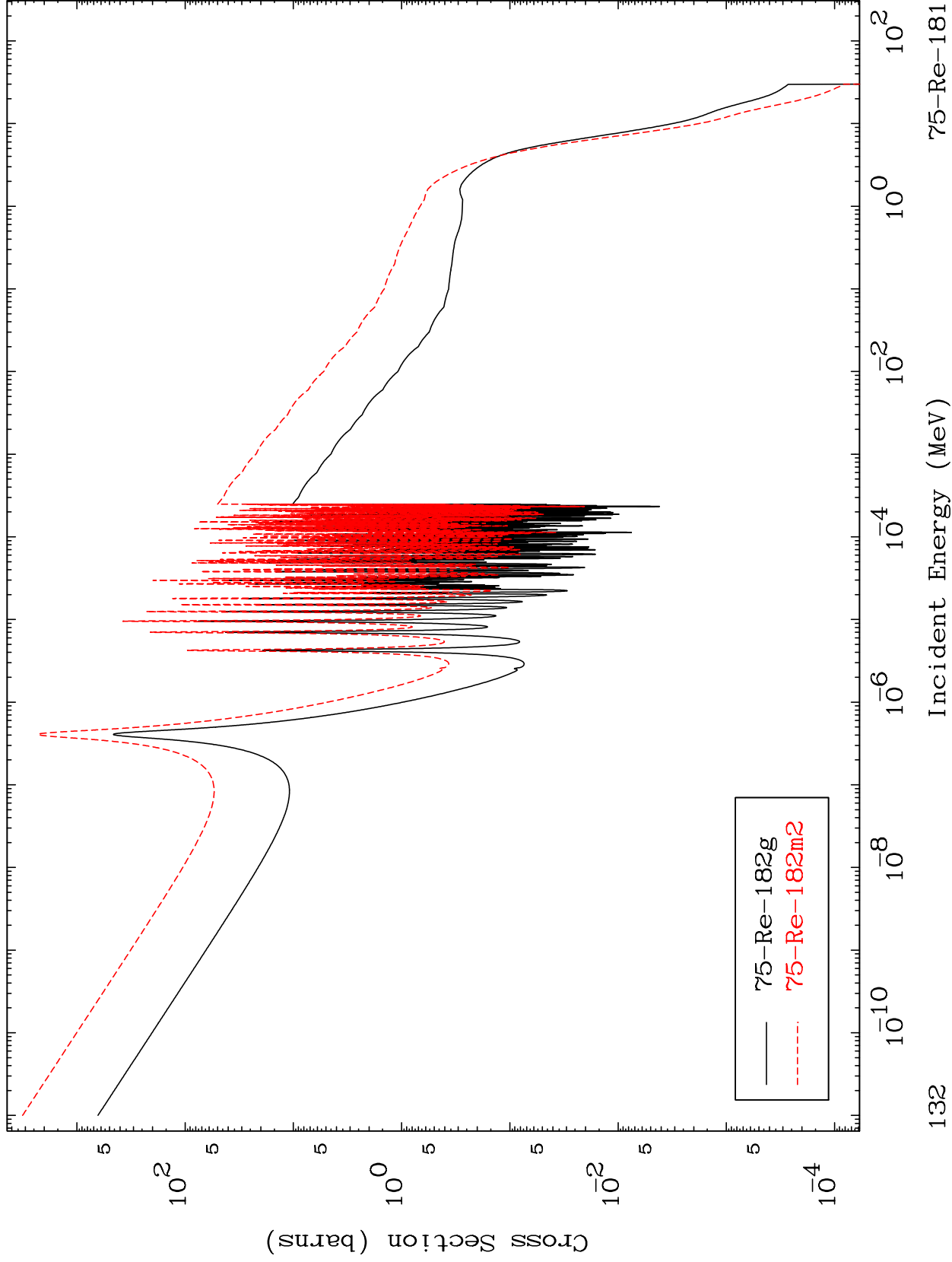
Incident Energy (MeV)

75-Re-181

MAT 7513

75-Re-181

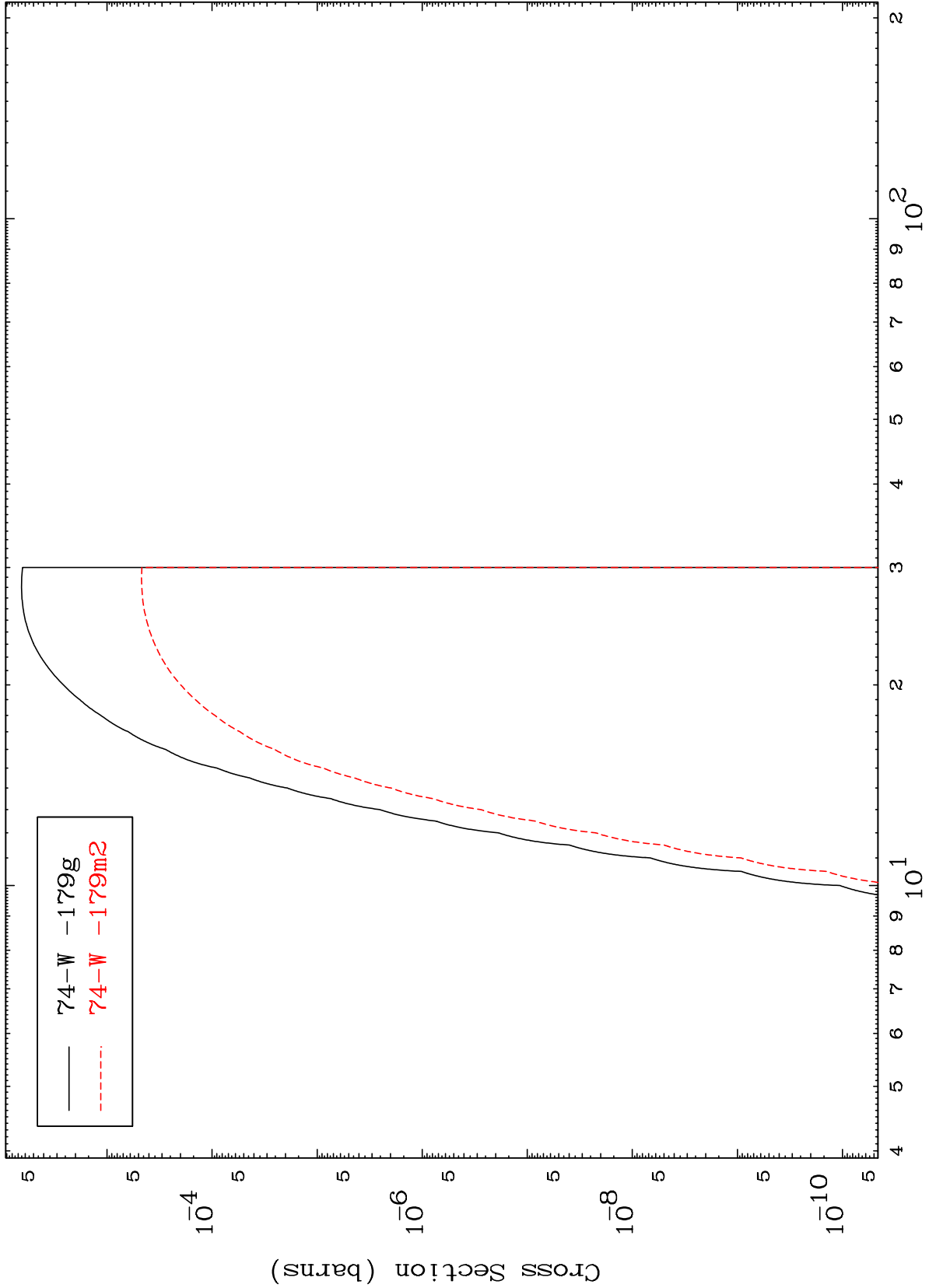
(n, γ)
Radionuclide Production Cross Section



MAT 7513

75-Re-181

(n, t)
Radionuclide Production Cross Section



133

Incident Energy (MeV)

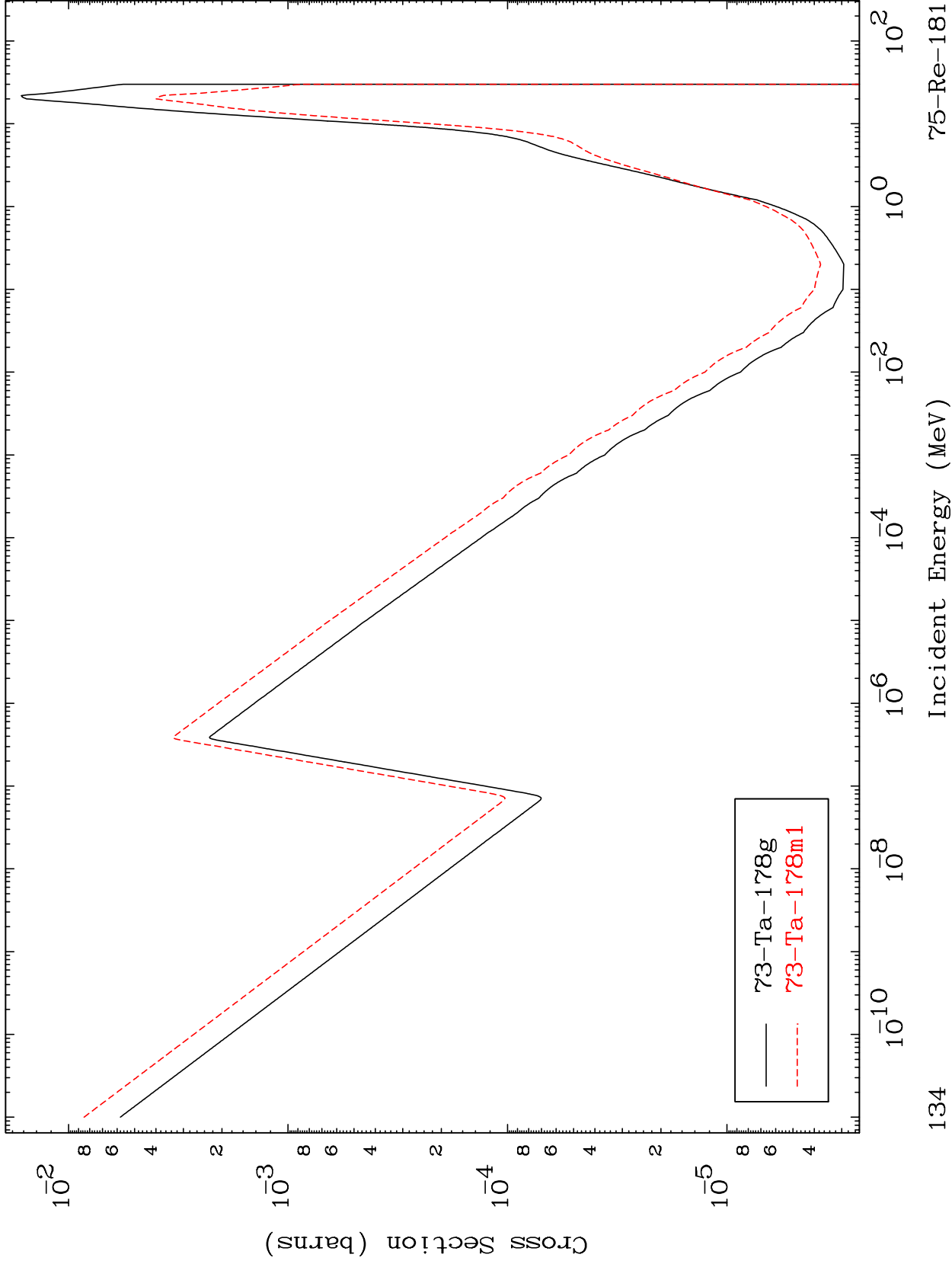
75-Re-181

MAT 7513

75-Re-181

Radionuclide Production Cross Section

(n, α)

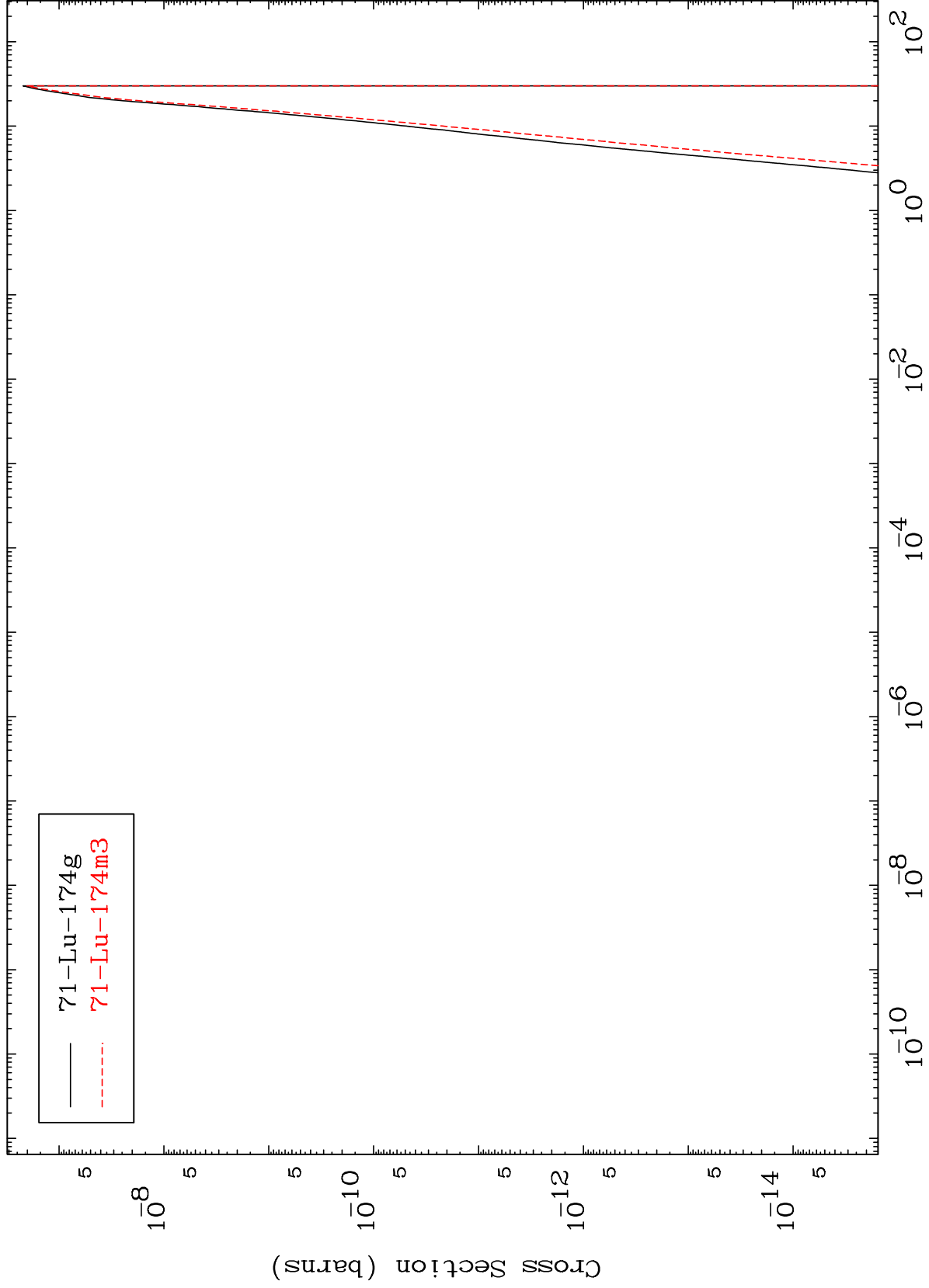


MAT 7513

(n,2α)

75-Re-181

Radionuclide Production Cross Section



135

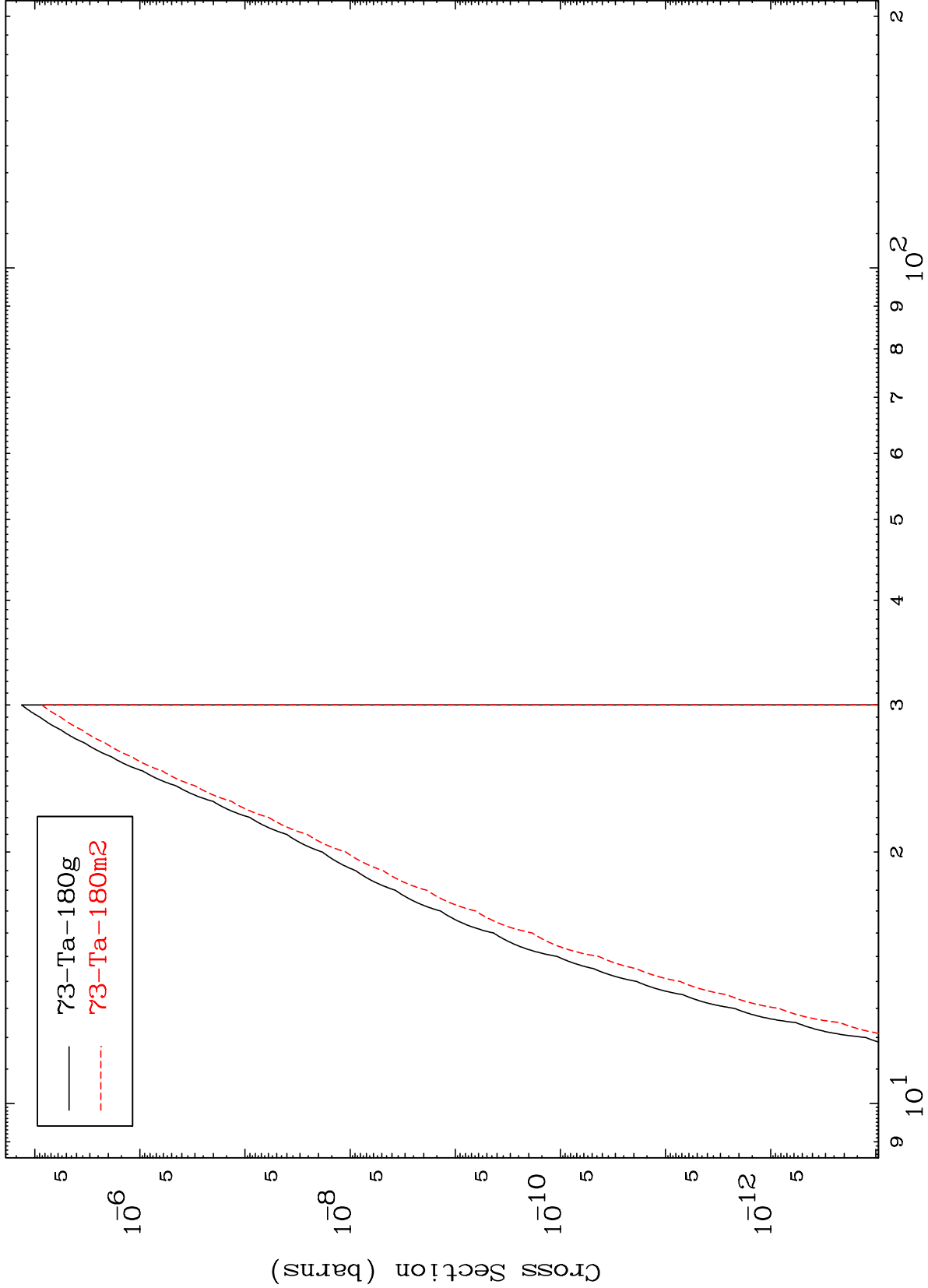
Incident Energy (MeV)

75-Re-181

MAT 7513

75-Re-181

(n,2p)
Radionuclide Production Cross Section



75-Re-181

Incident Energy (MeV)

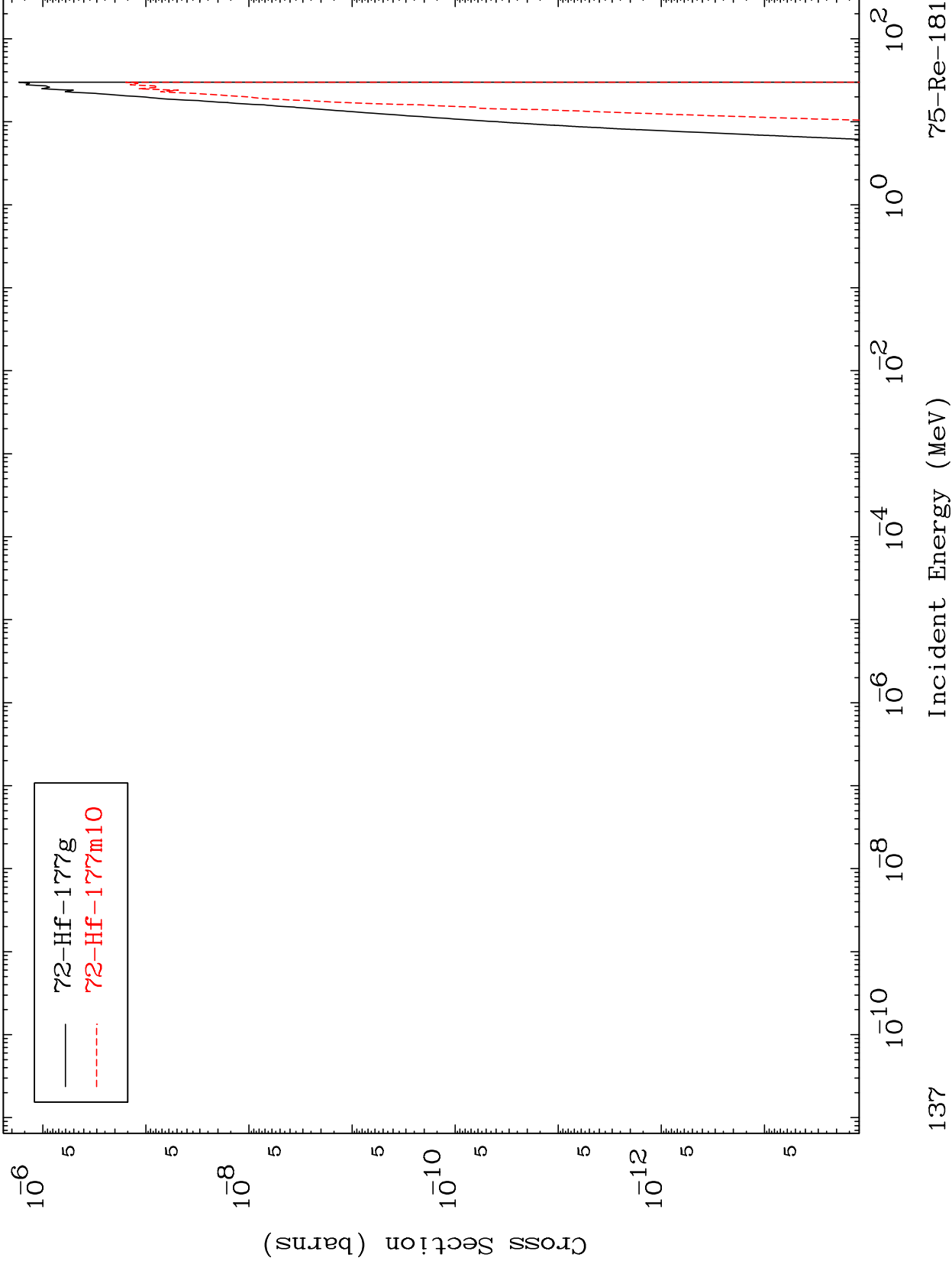
136

MAT 7513

(n,p) α

⁷⁵Re-181

Radionuclide Production Cross Section



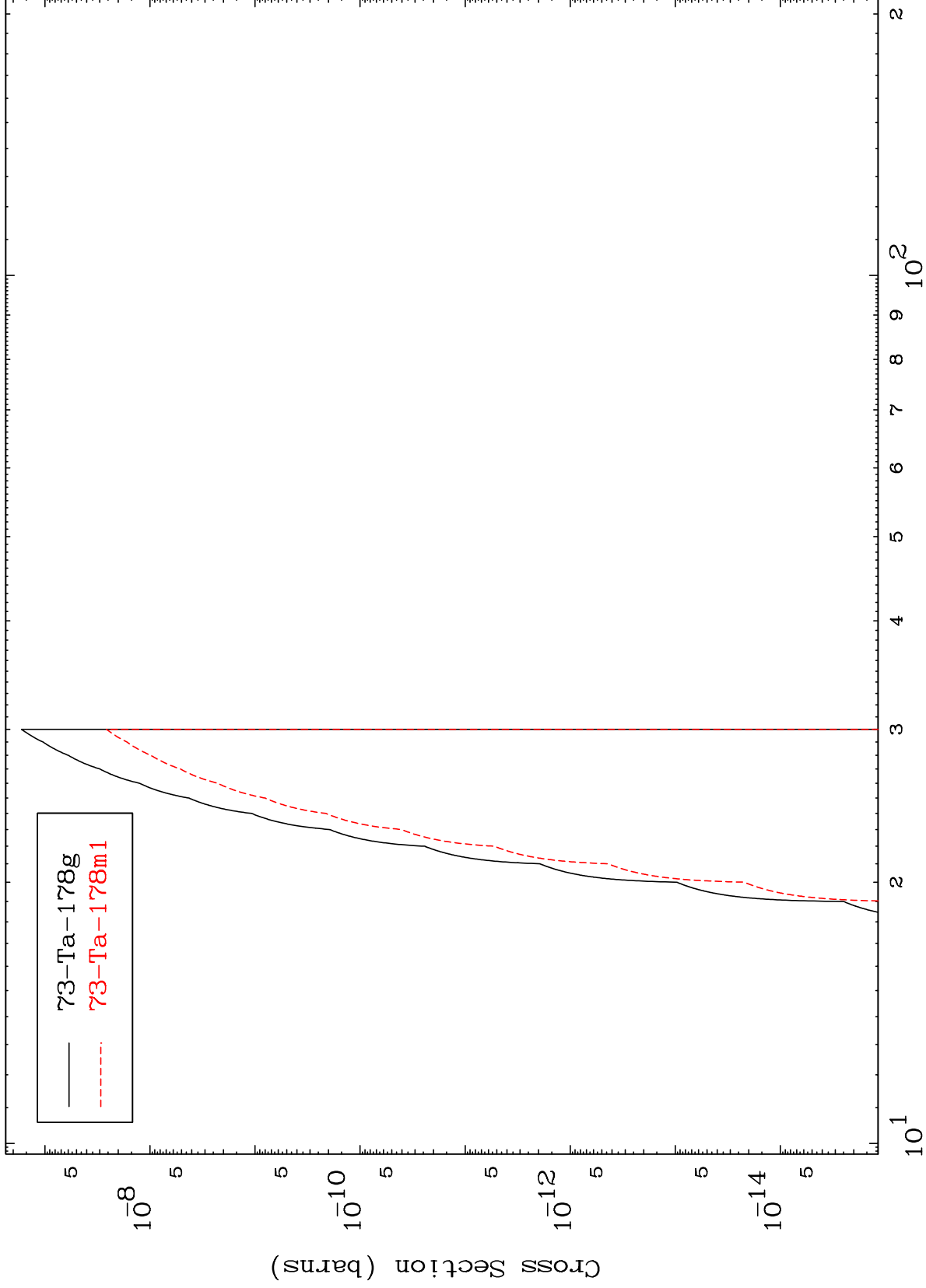
72-Hf-177g
72-Hf-177m10

MAT 7513

(n,p) t

75-Re-181

Radionuclide Production Cross Section



138

Incident Energy (MeV)

75-Re-181