

Program EVALPLOT
(Version 2021-1)

by

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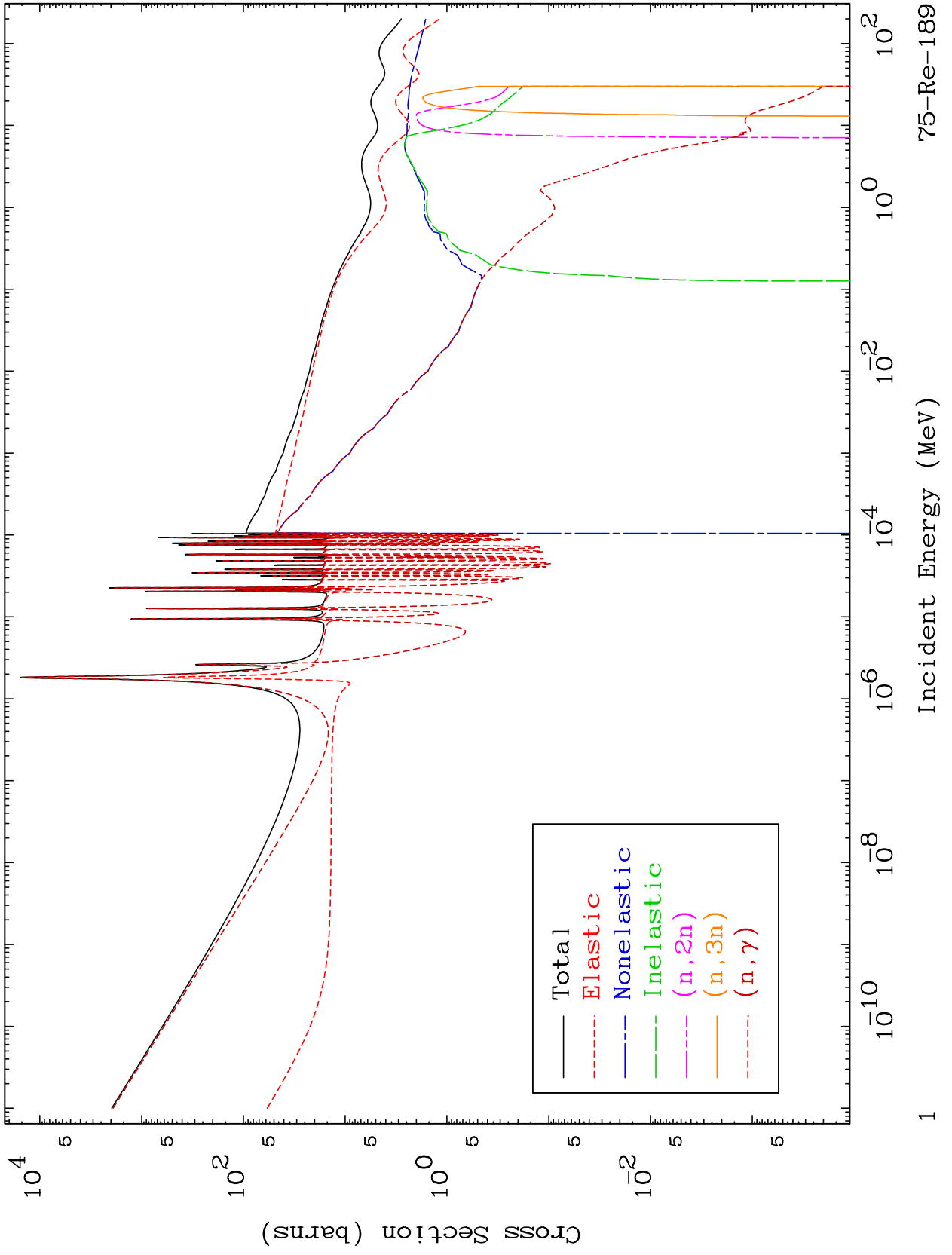
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Press Mouse Button to Start

MAT 7537

Neutron Major
293 Kelvin Cross Sections

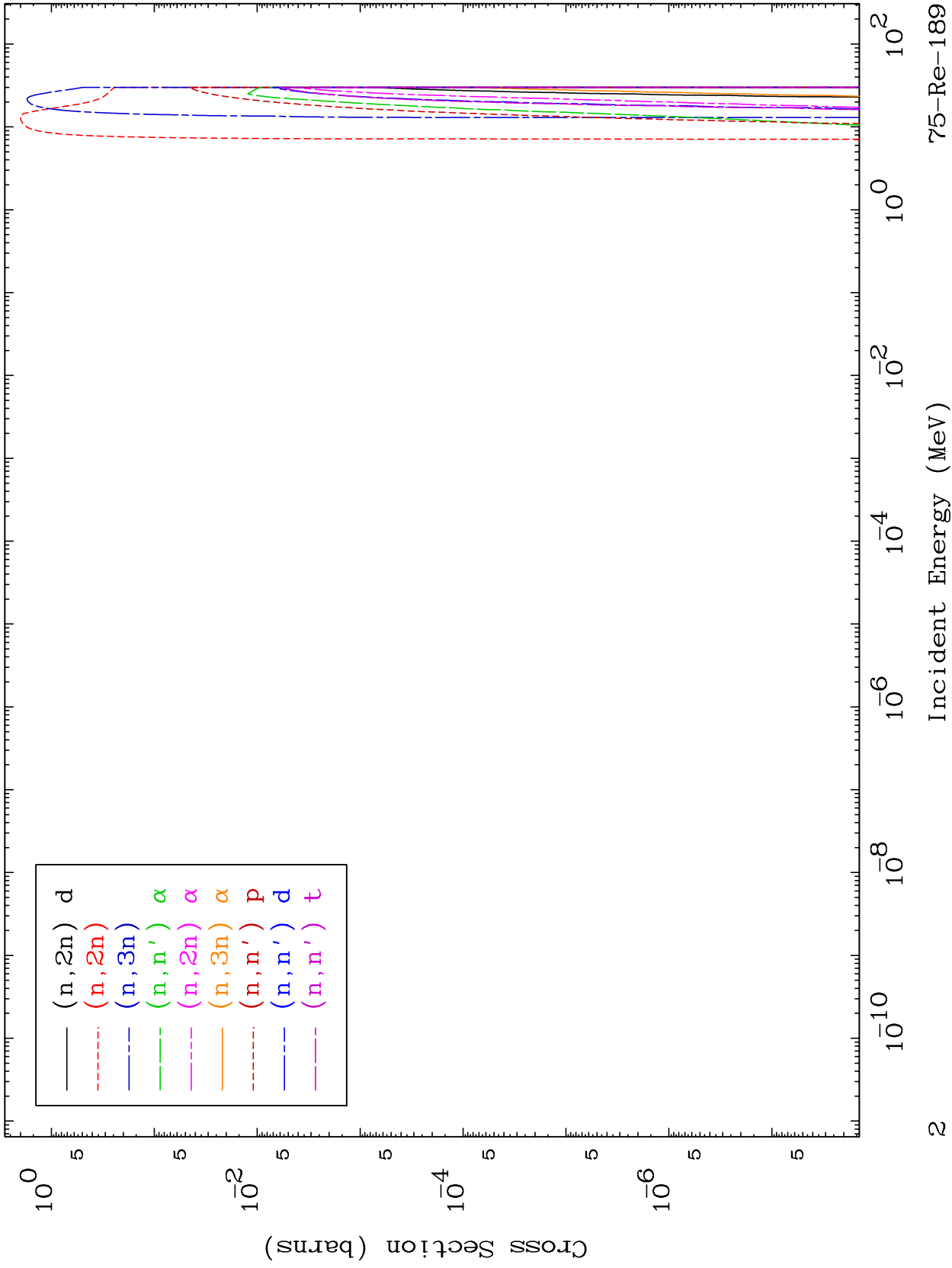
75-Re-189



MAT 7537

Neutron Absorption
293 Kelvin Cross Sections

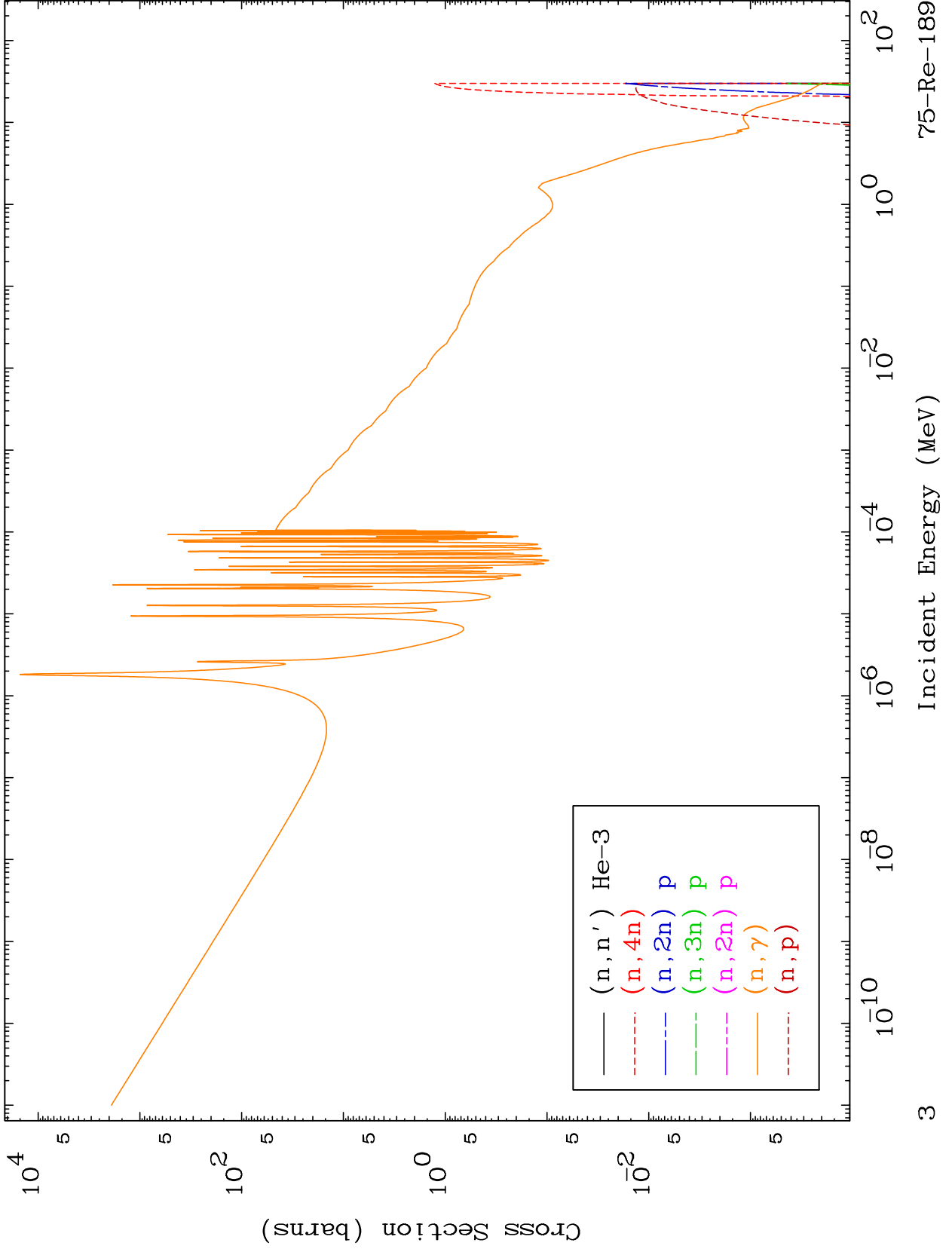
75-Re-189



MAT 7537

Neutron Absorption
293 Kelvin Cross Sections

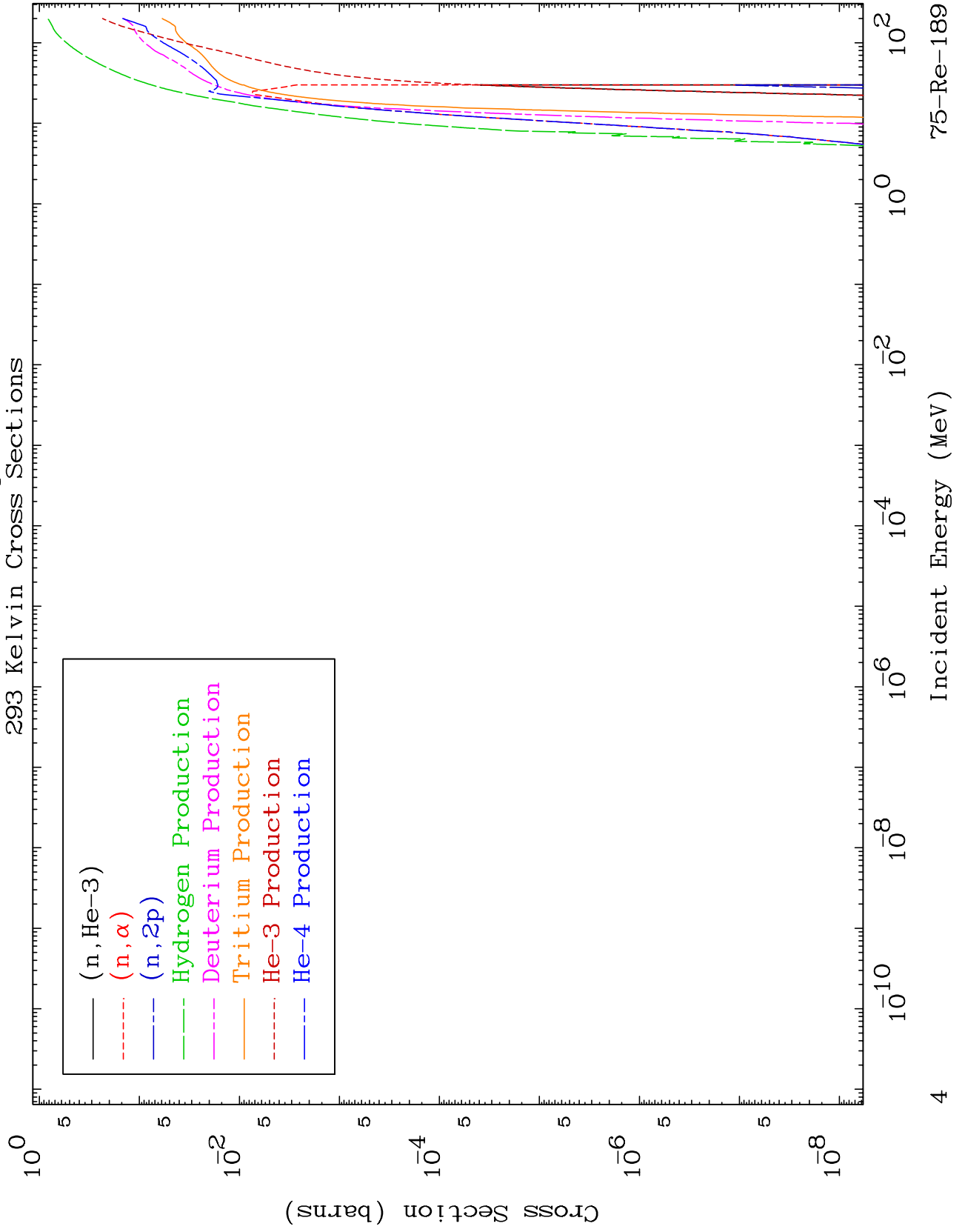
75-Re-189



MAT 7537

Neutron Absorption
293 Kelvin Cross Sections

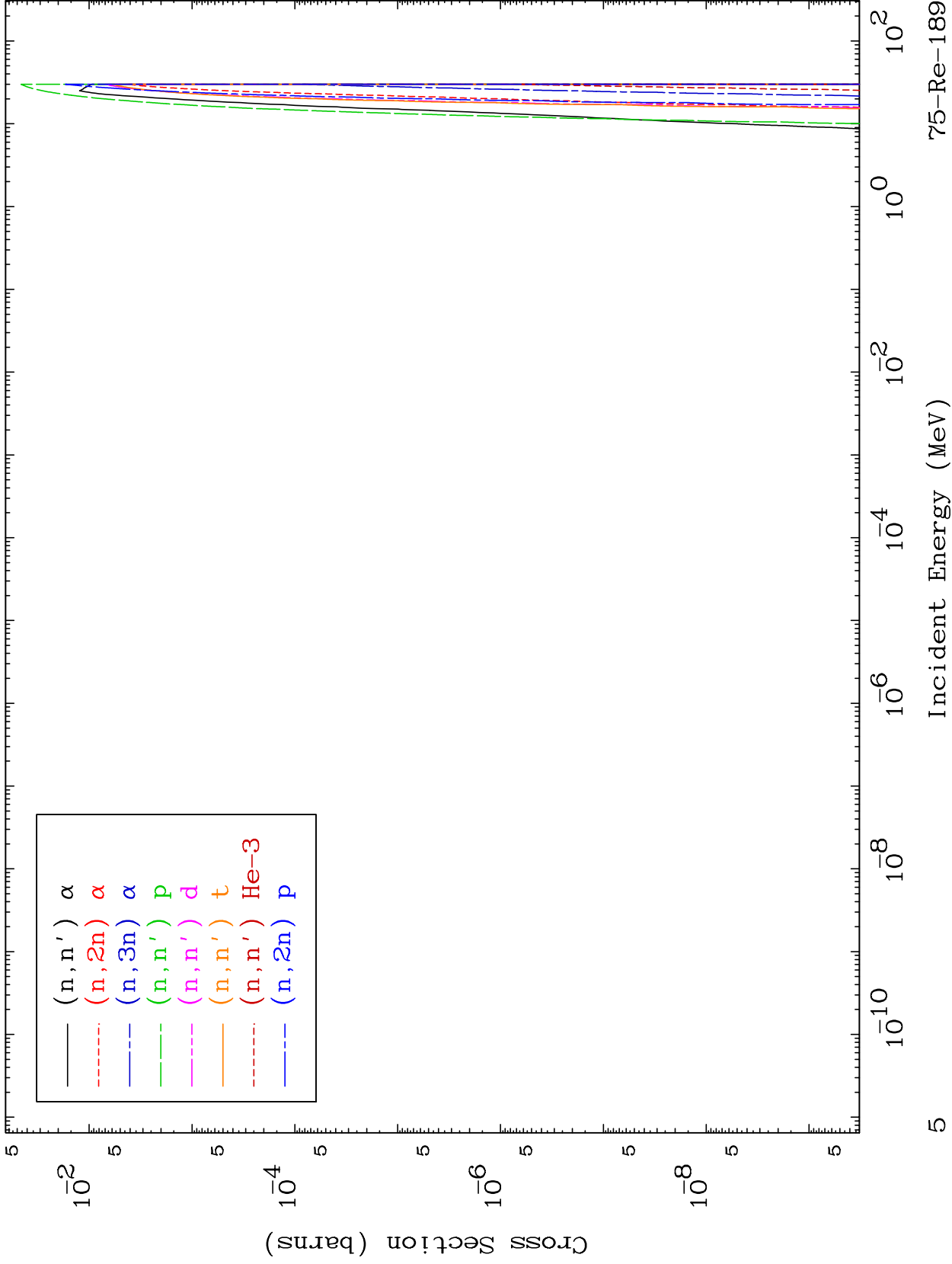
75-Re-189



MAT 7537

Charged Particle
293 Kelvin Cross Sections

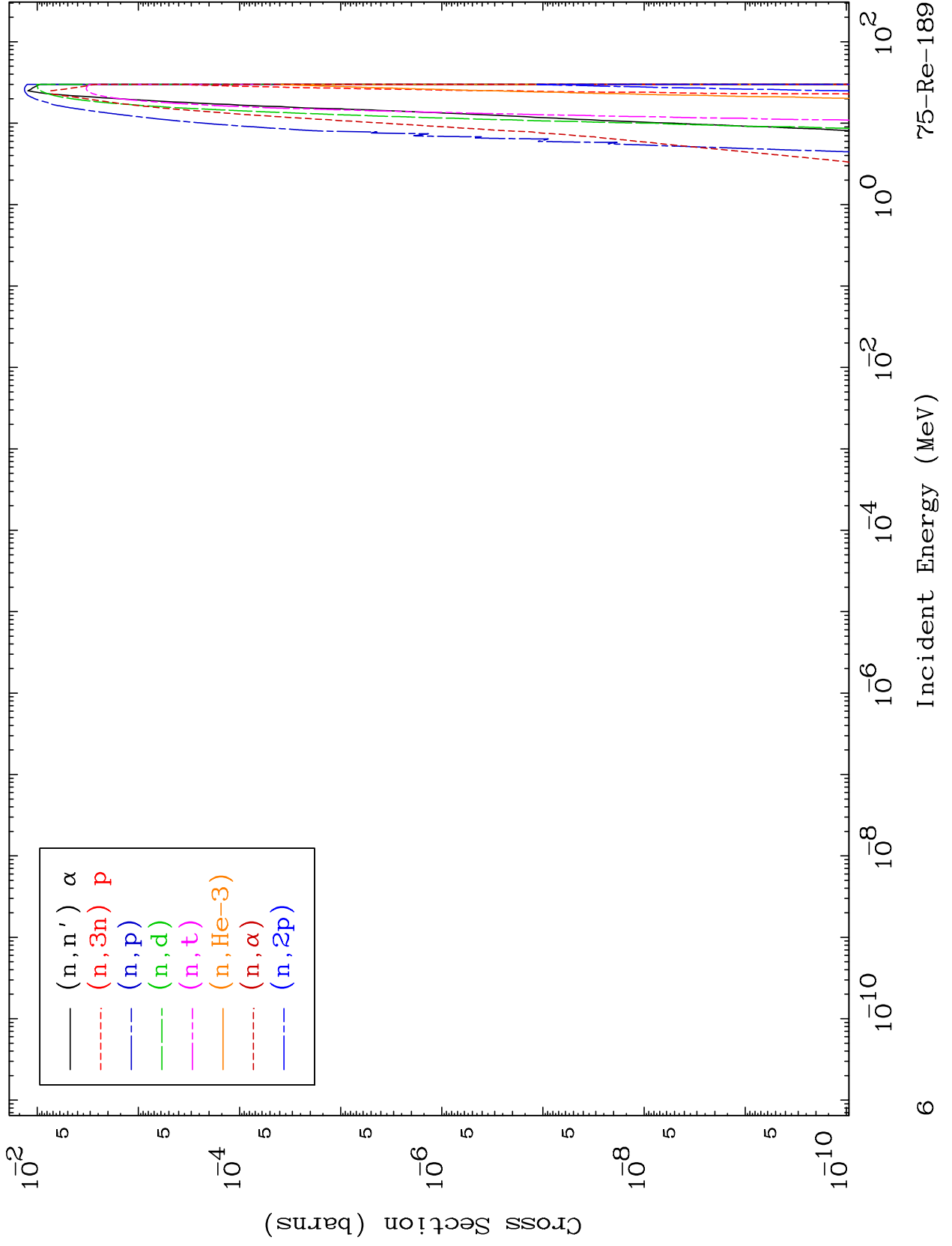
75-Re-189



MAT 7537

Charged Particle
293 Kelvin Cross Sections

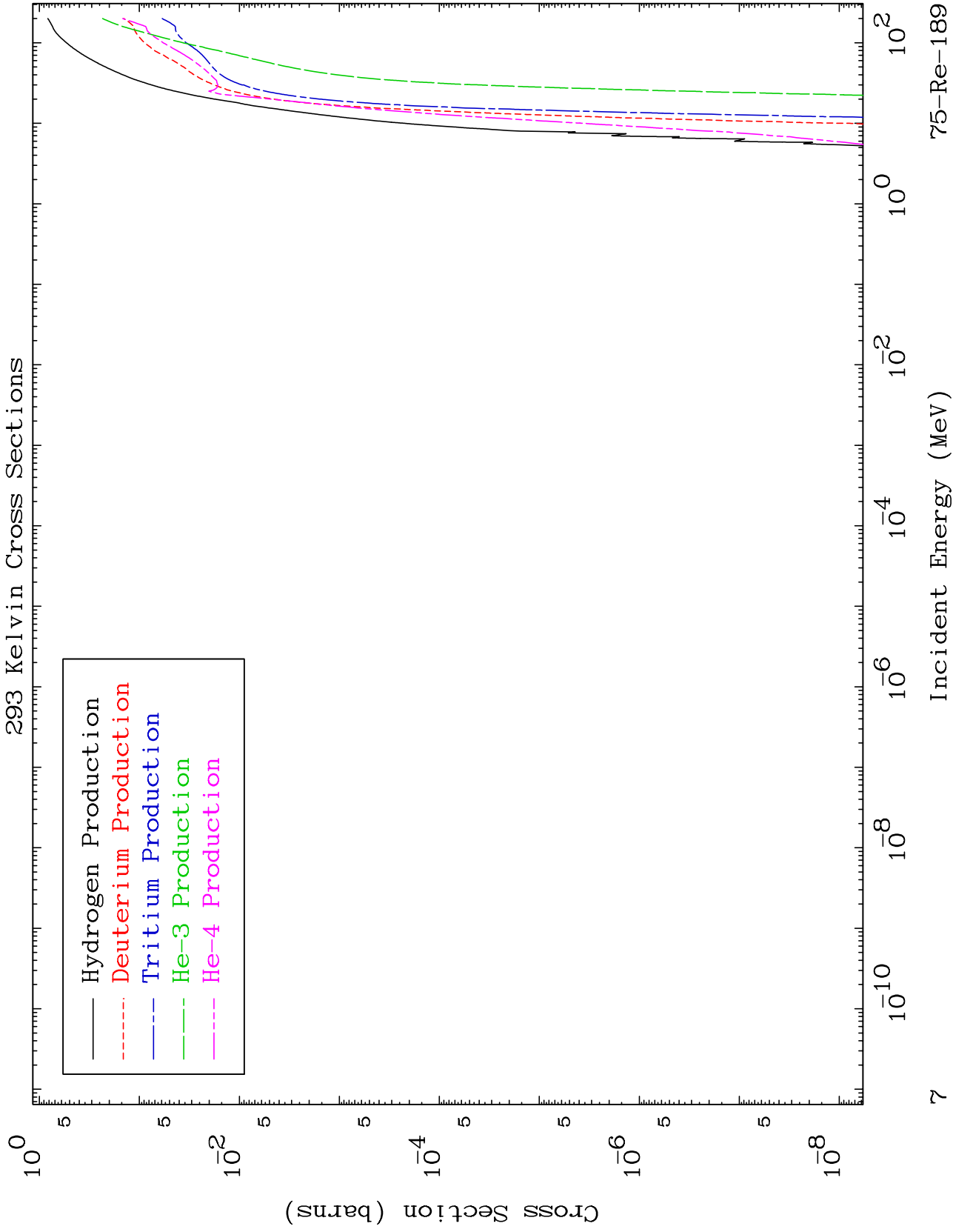
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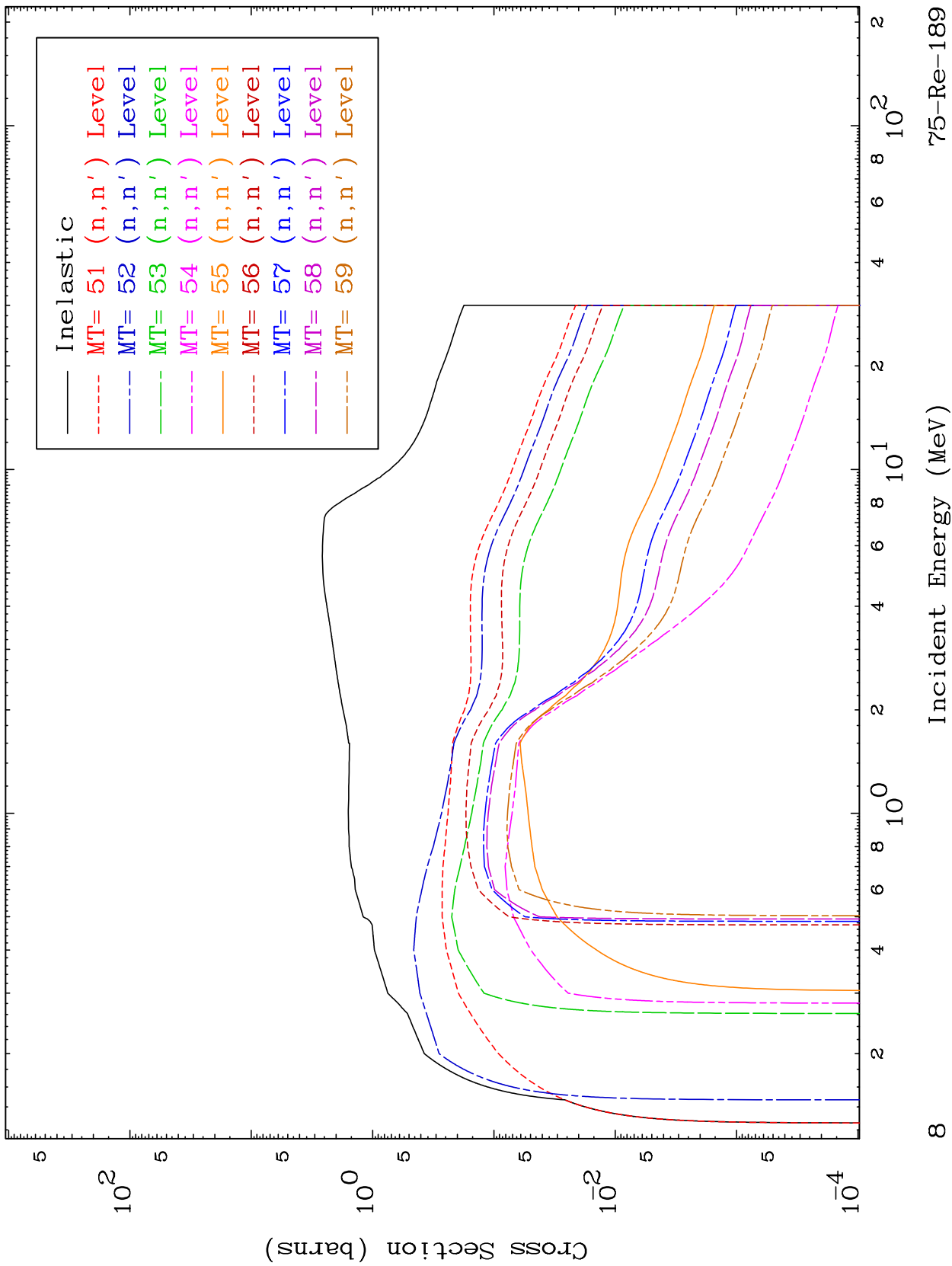


MAT 7537

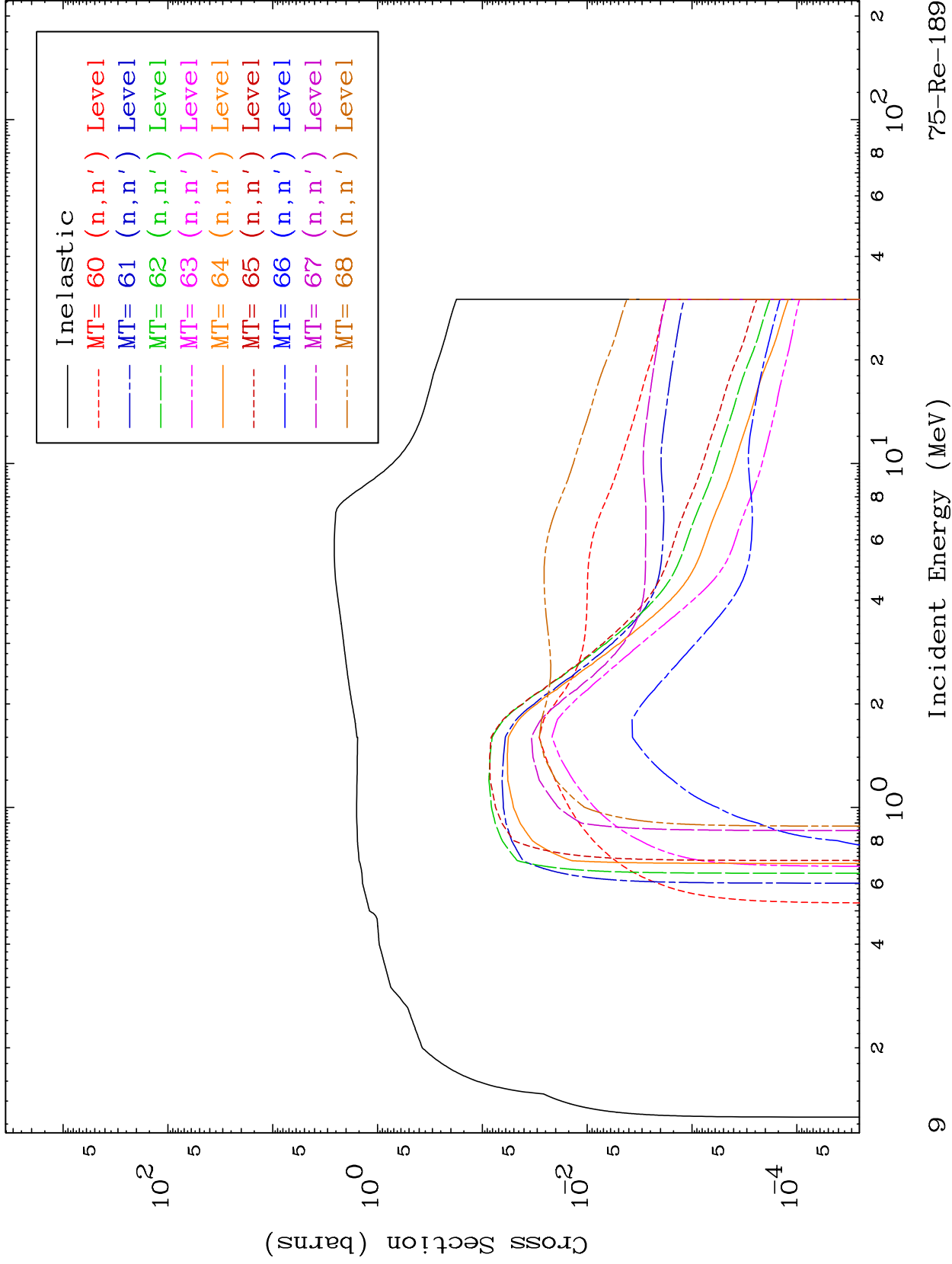
Particle Production
293 Kelvin Cross Sections

75-Re-189





293 Kelvin Cross Sections

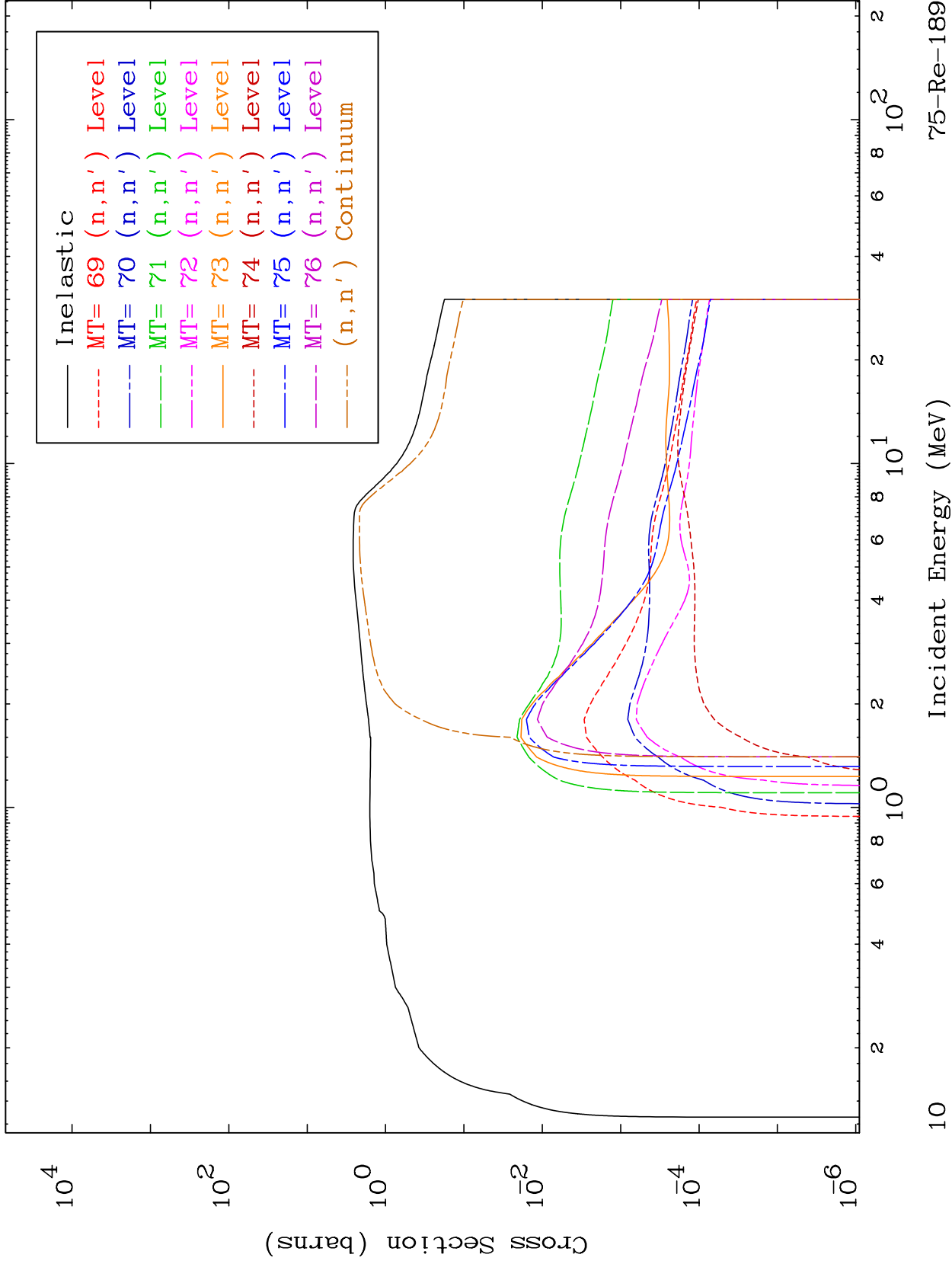


MAT 7537

(n,n') Levels

75-Re-189

293 Kelvin Cross Sections



10

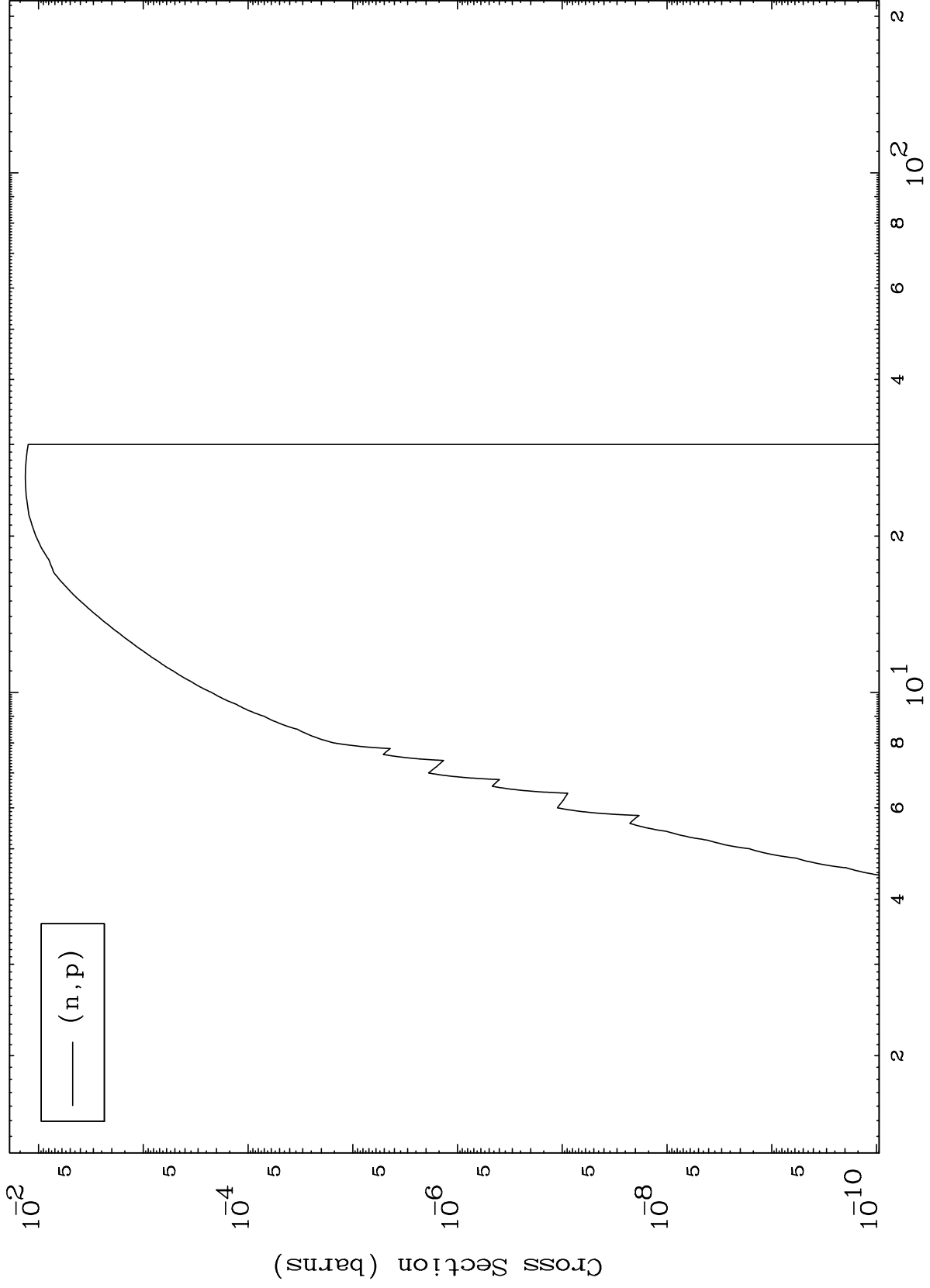
Incident Energy (MeV)

75-Re-189

MAT 7537

(n,p) Levels
293 Kelvin Cross Sections

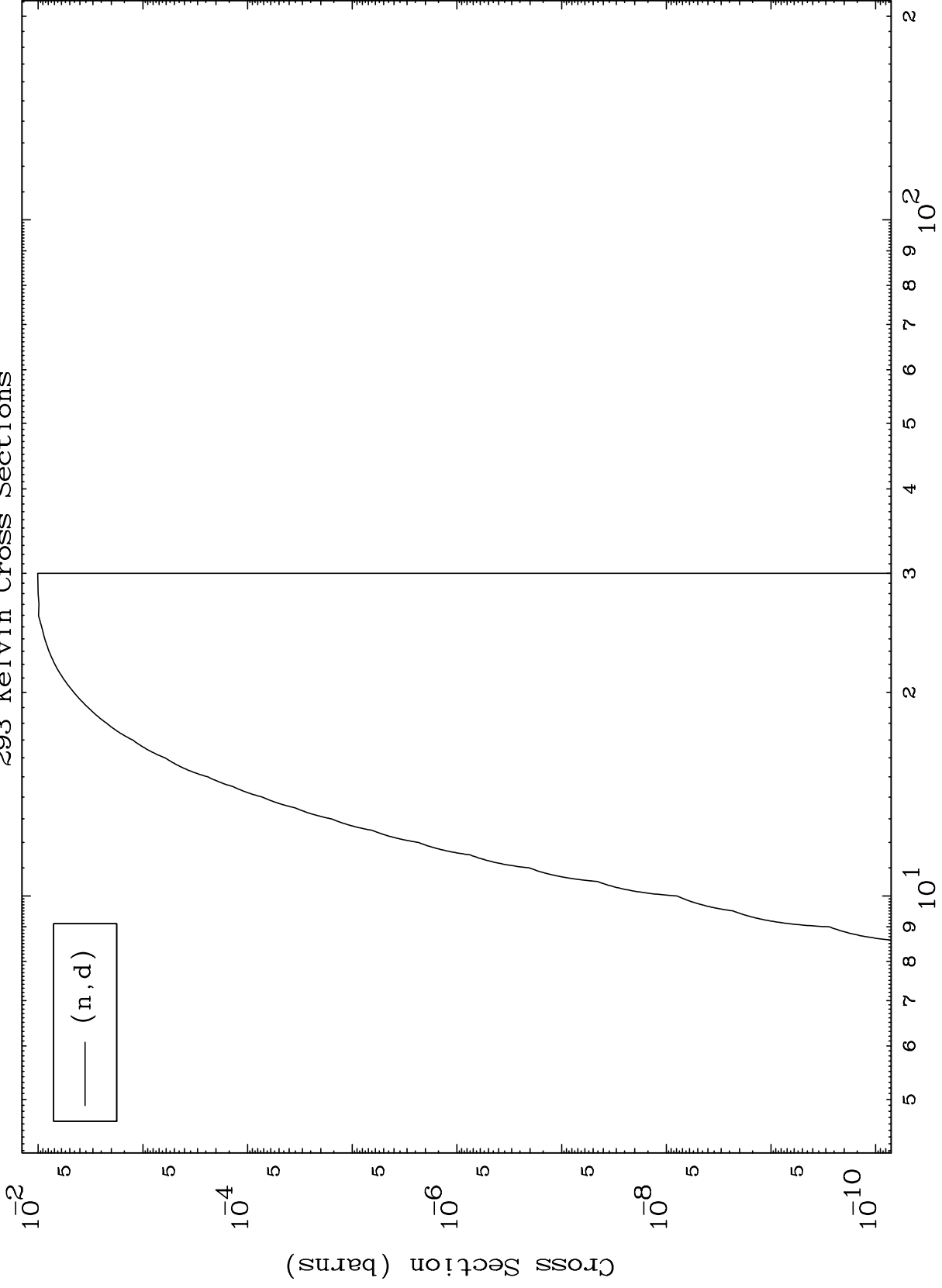
75-Re-189



MAT 7537

(n,d) Levels
293 Kelvin Cross Sections

75-Re-189



12

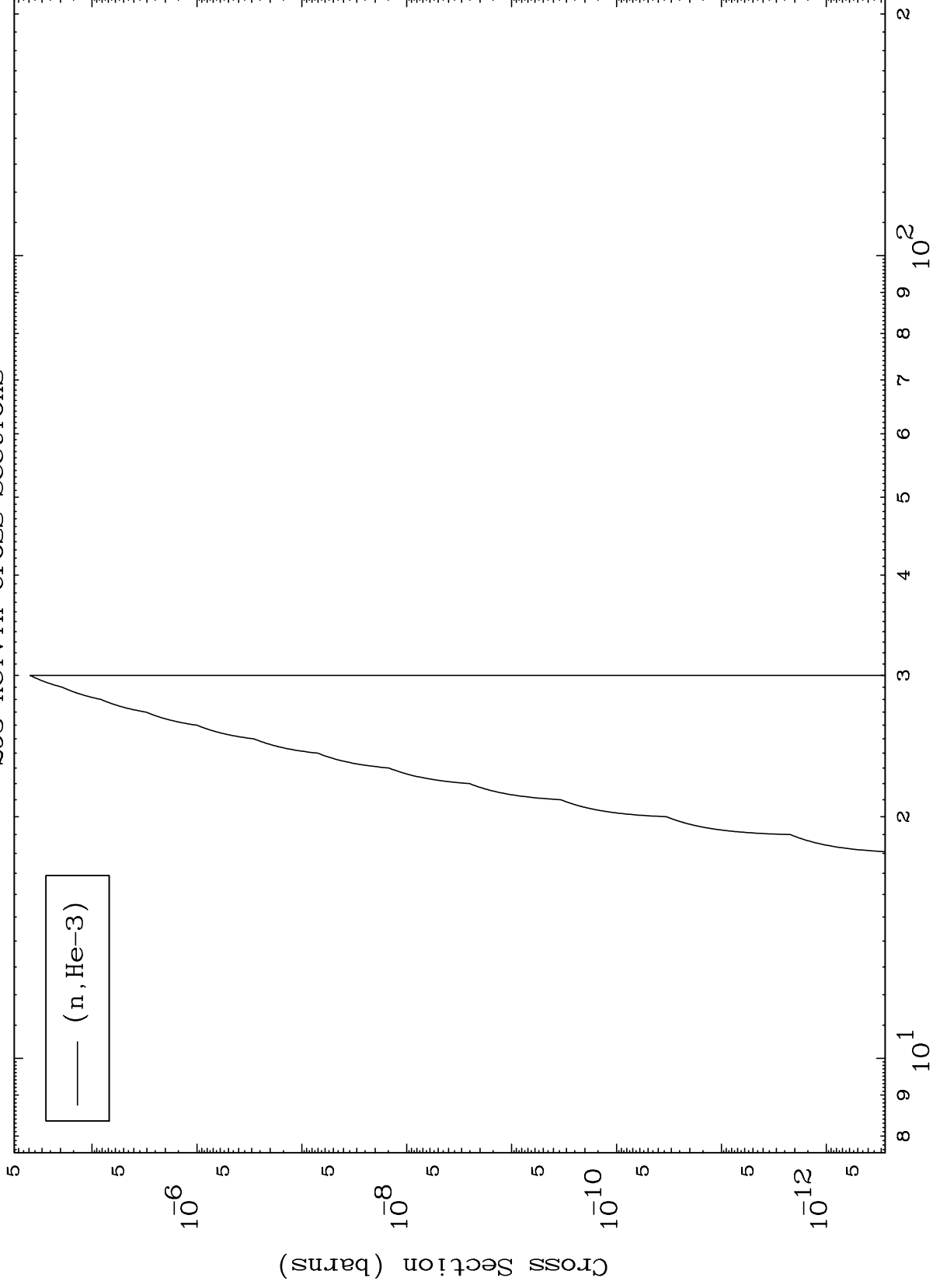
Incident Energy (MeV)

75-Re-189

MAT 7537

(n,He3) Levels
293 Kelvin Cross Sections

75-Re-189



14

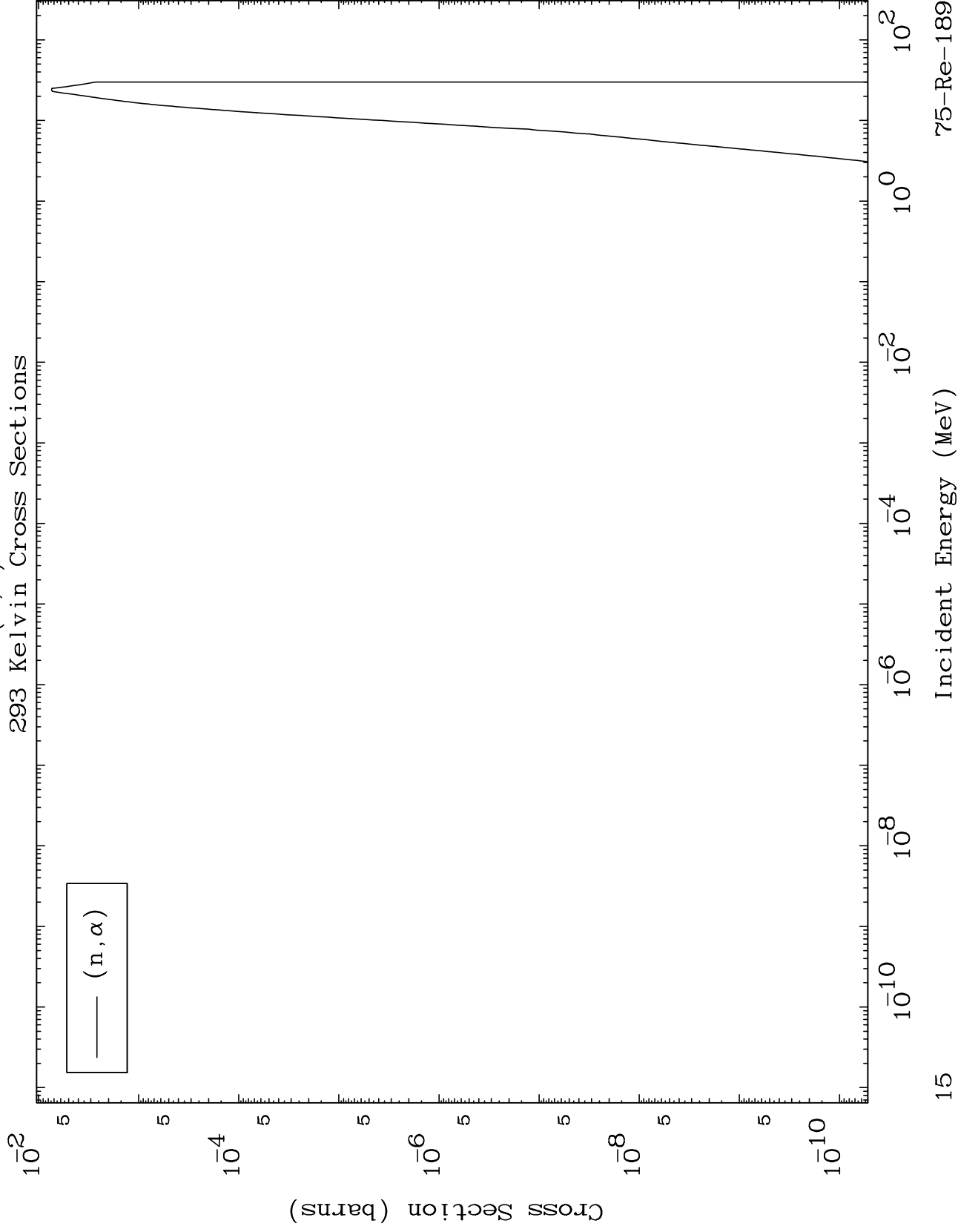
Incident Energy (MeV)

75-Re-189

MAT 7537

(n, α) Levels
293 Kelvin Cross Sections

75-Re-189



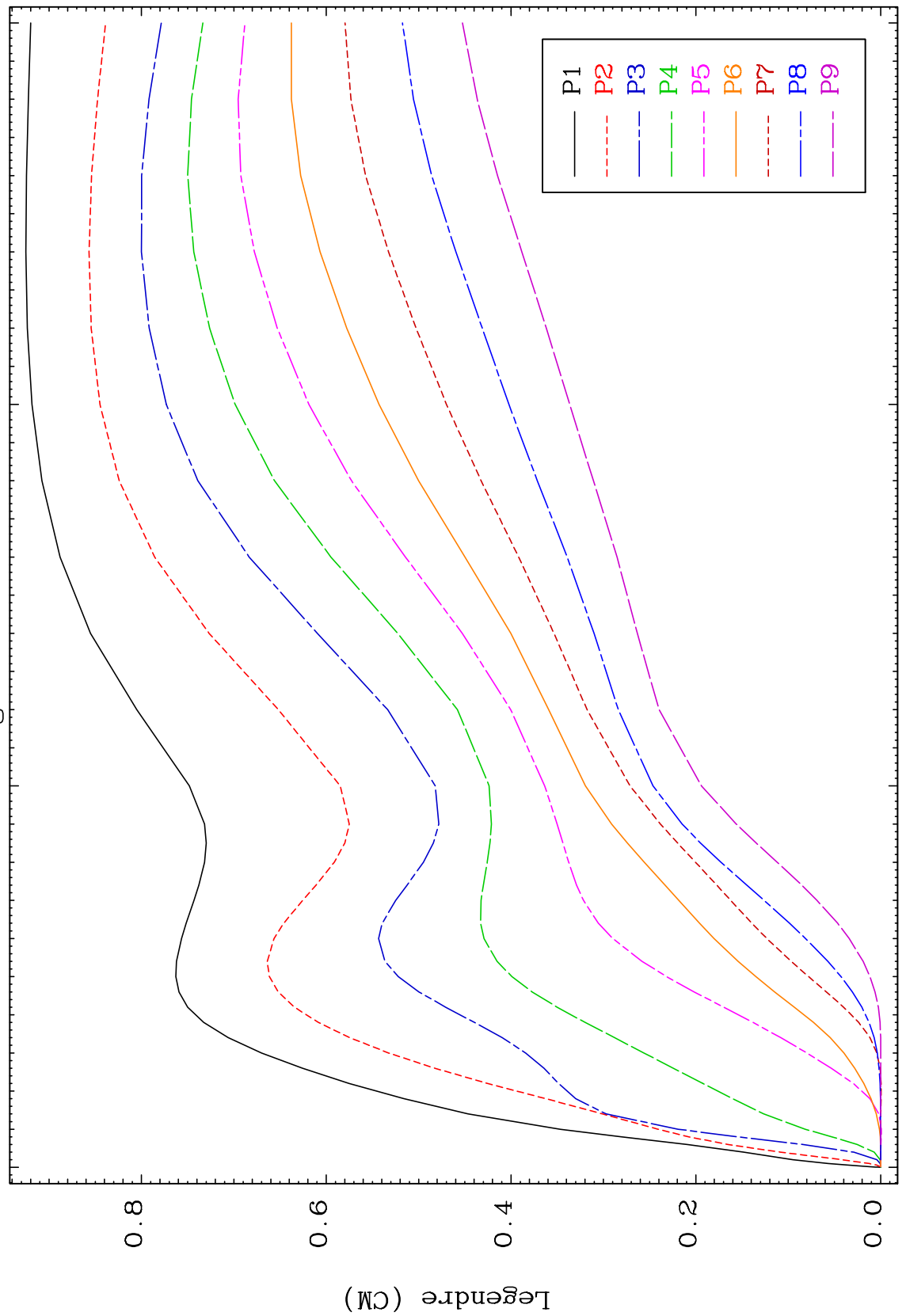
15

75-Re-189

MAT 7537

Elastic Legendre Coefficients

75-Re-189



16

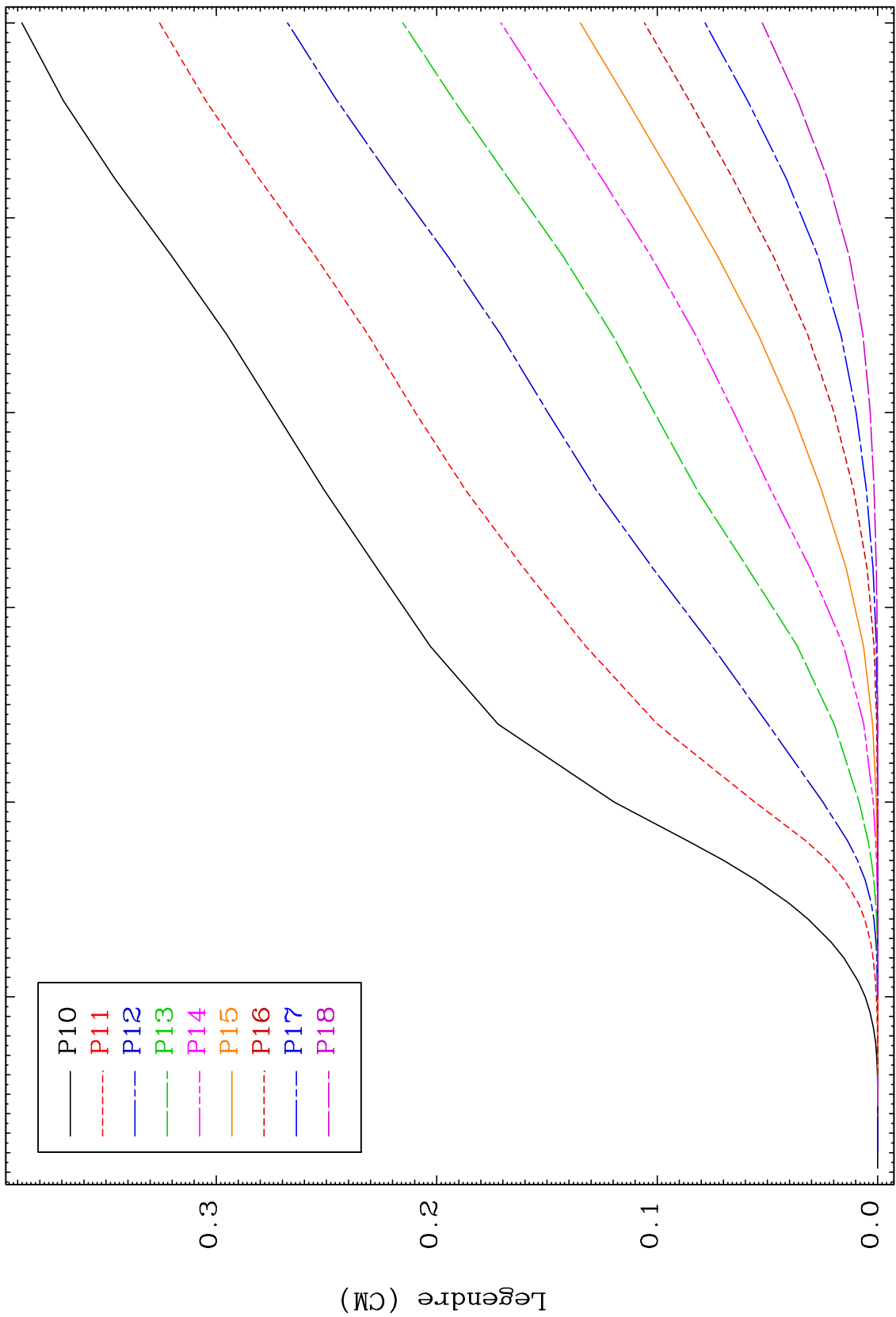
Incident Energy (MeV)

75-Re-189

MAT 7537

Elastic Legendre Coefficients

⁷⁵Re-¹⁸⁹



17

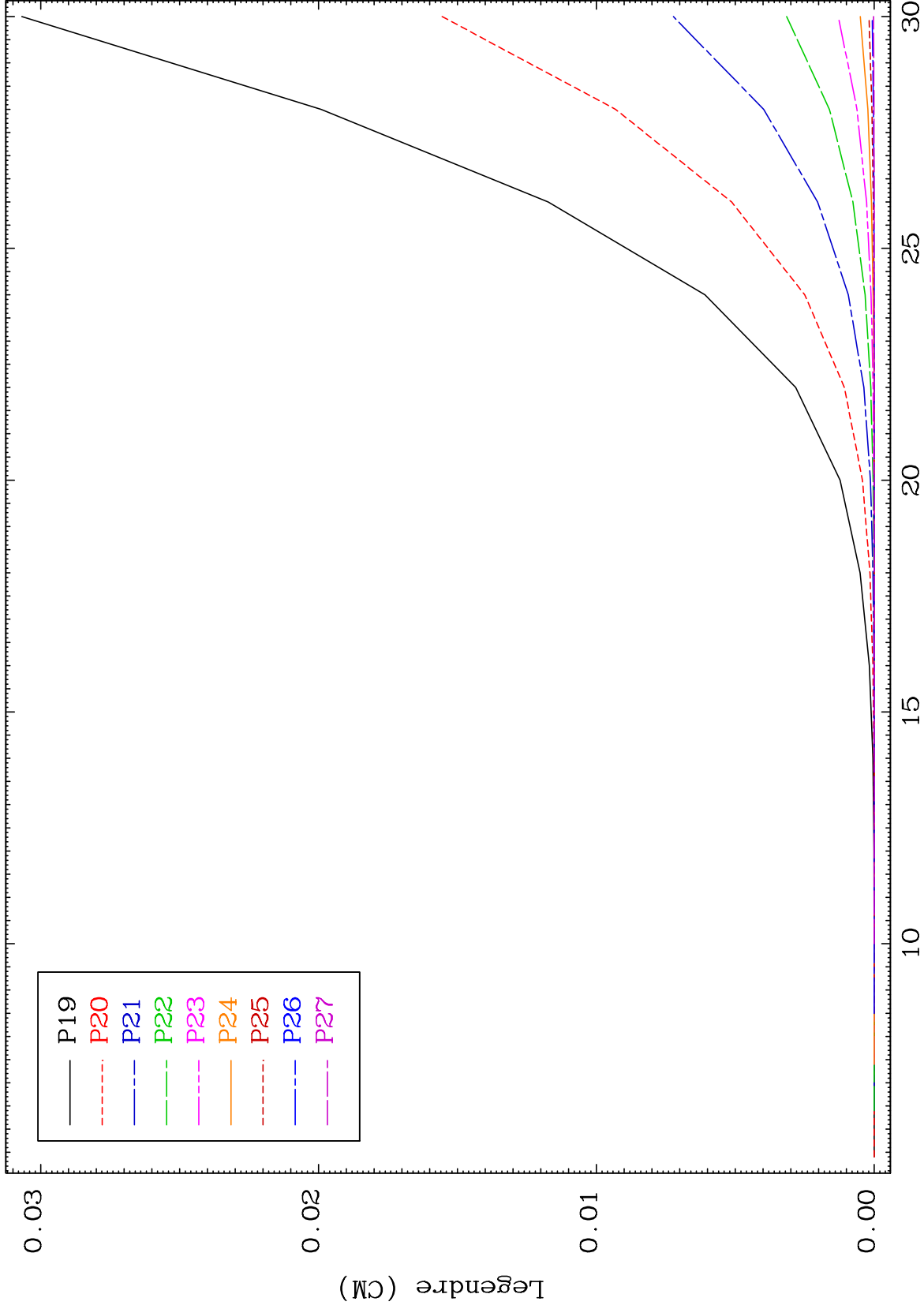
Incident Energy (MeV)

⁷⁵Re-¹⁸⁹

MAT 7537

Elastic Legendre Coefficients

75-Re-189



18

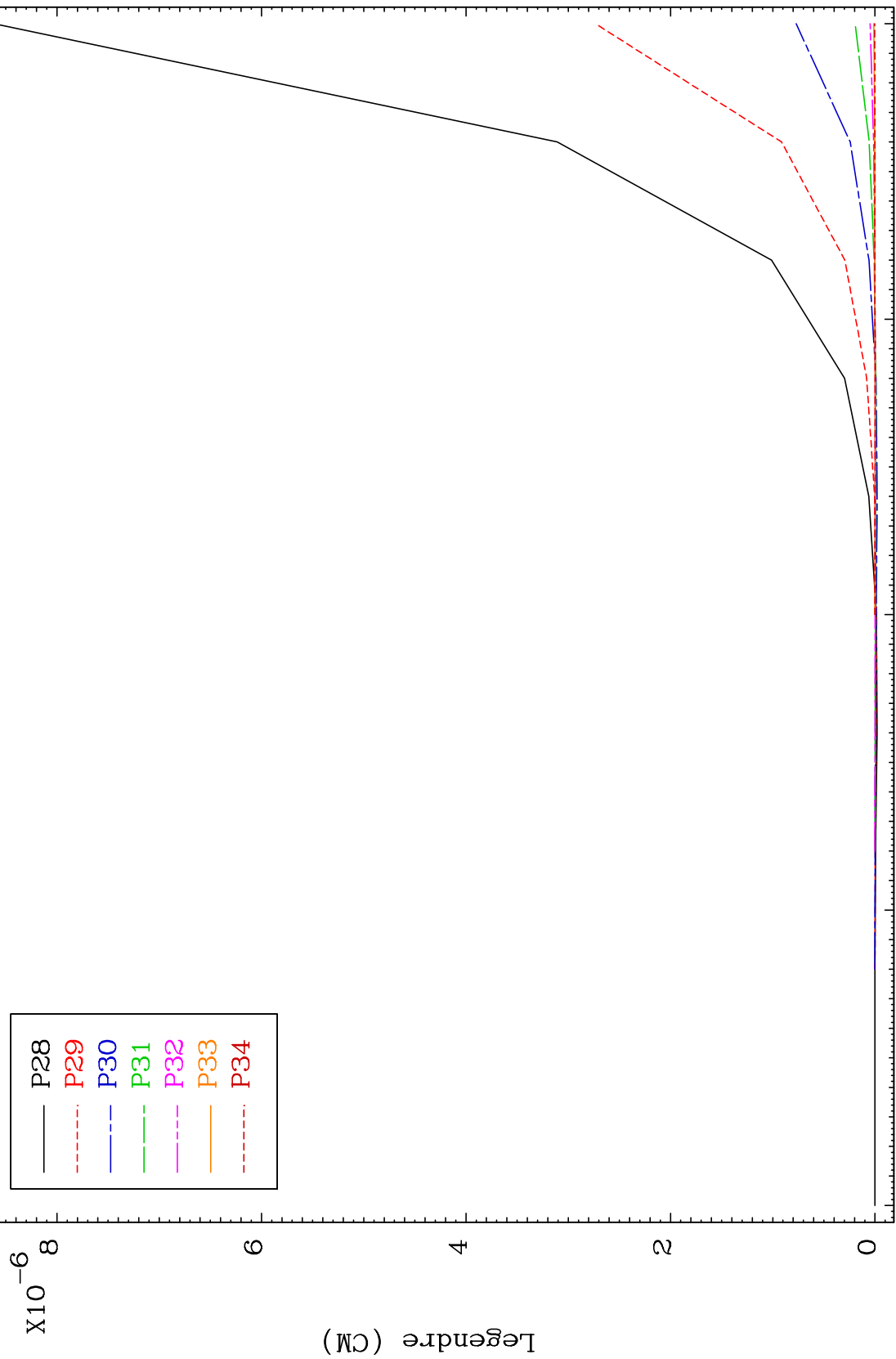
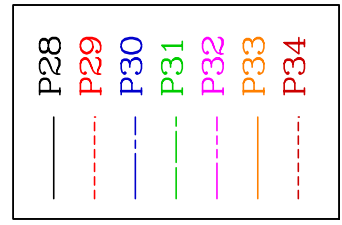
Incident Energy (MeV)

75-Re-189

MAT 7537

Elastic Legendre Coefficients

75-Re-189



10

15

20

25

30

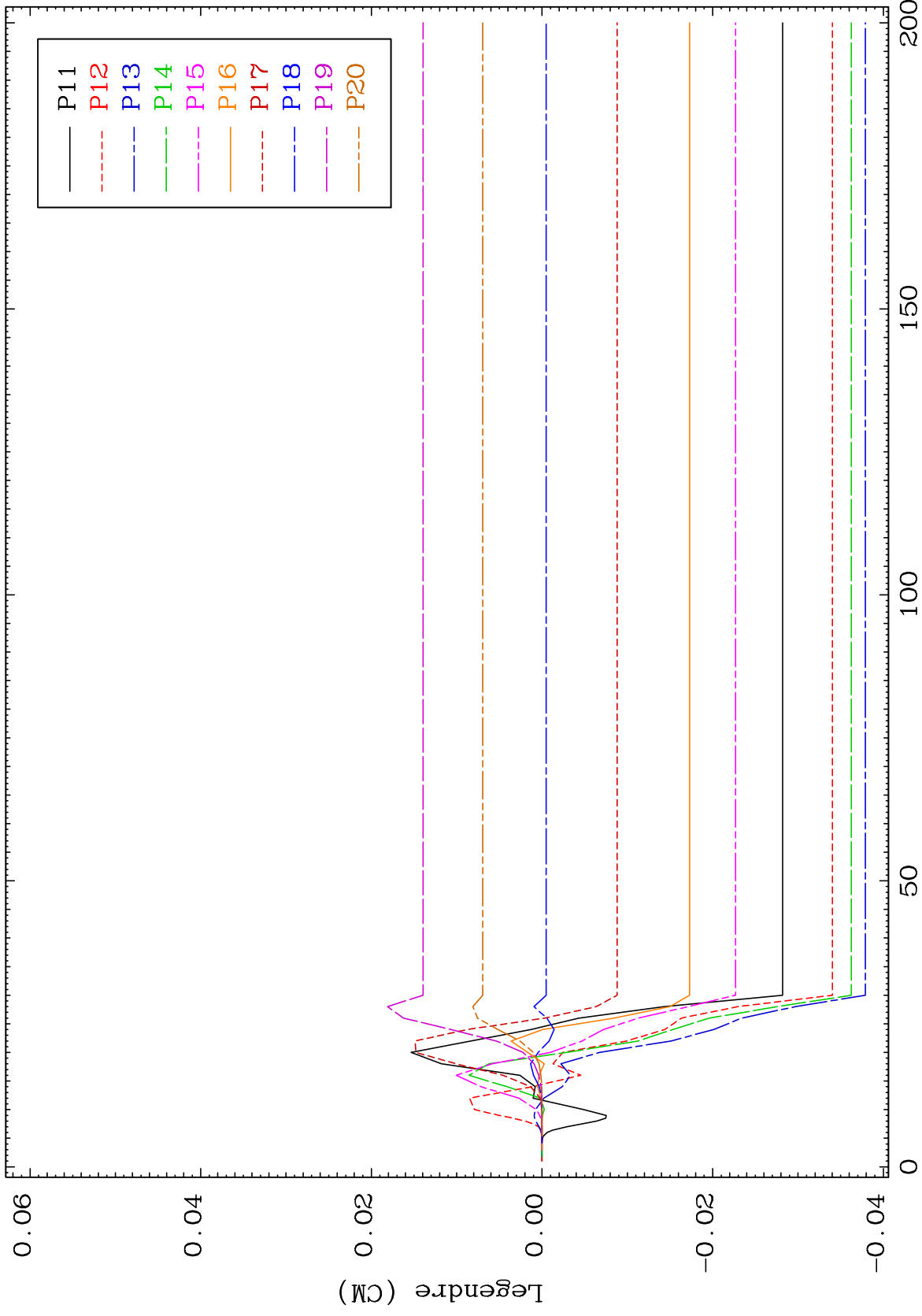
Incident Energy (MeV)

75-Re-189

MAT 7537

MT= 51 (n,n') Level
Legendre Coefficients

75-Re-189



21

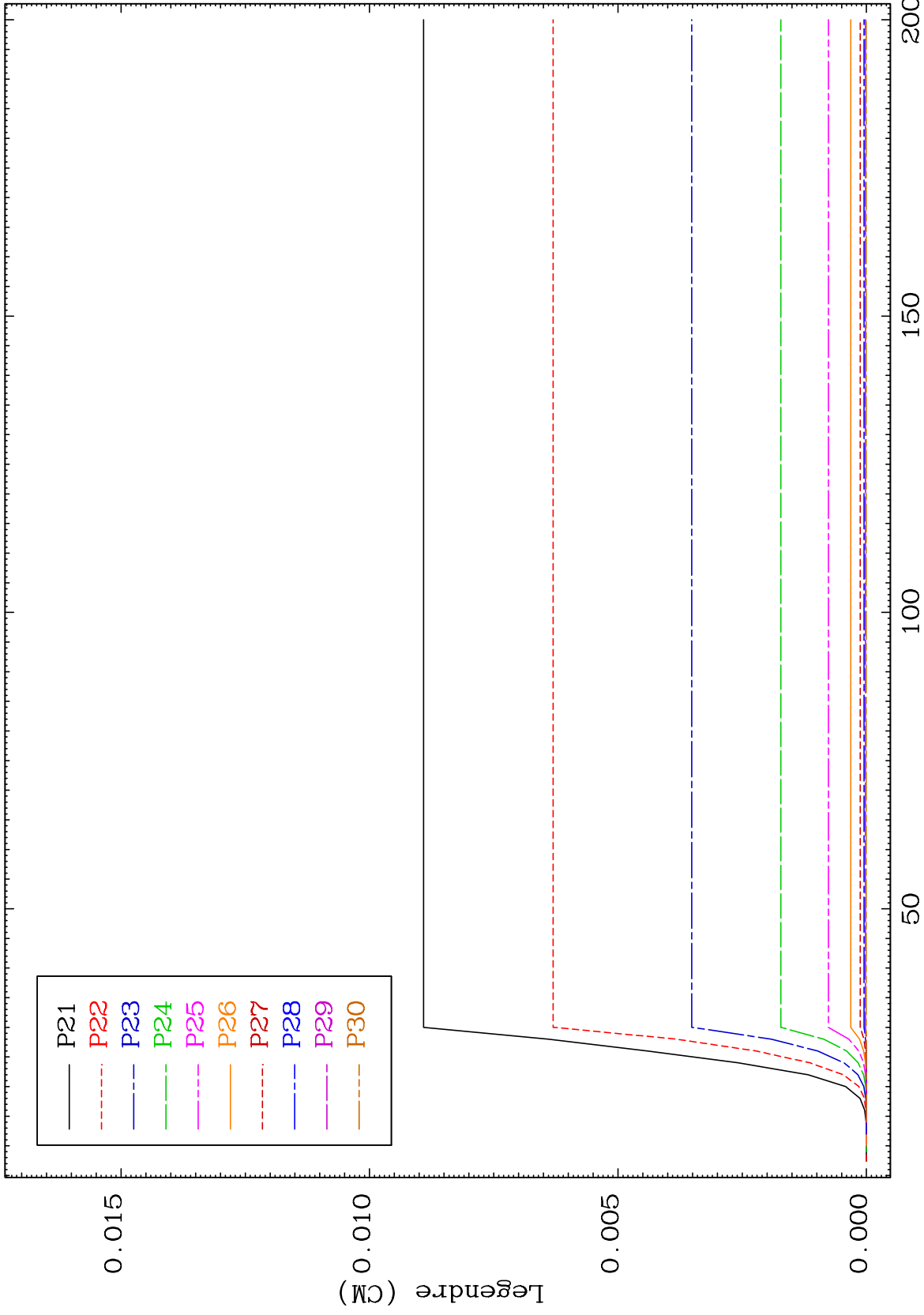
Incident Energy (MeV)

75-Re-189

MAT 7537

MT= 51 (n,n') Level
Legendre Coefficients

75-Re-189



22

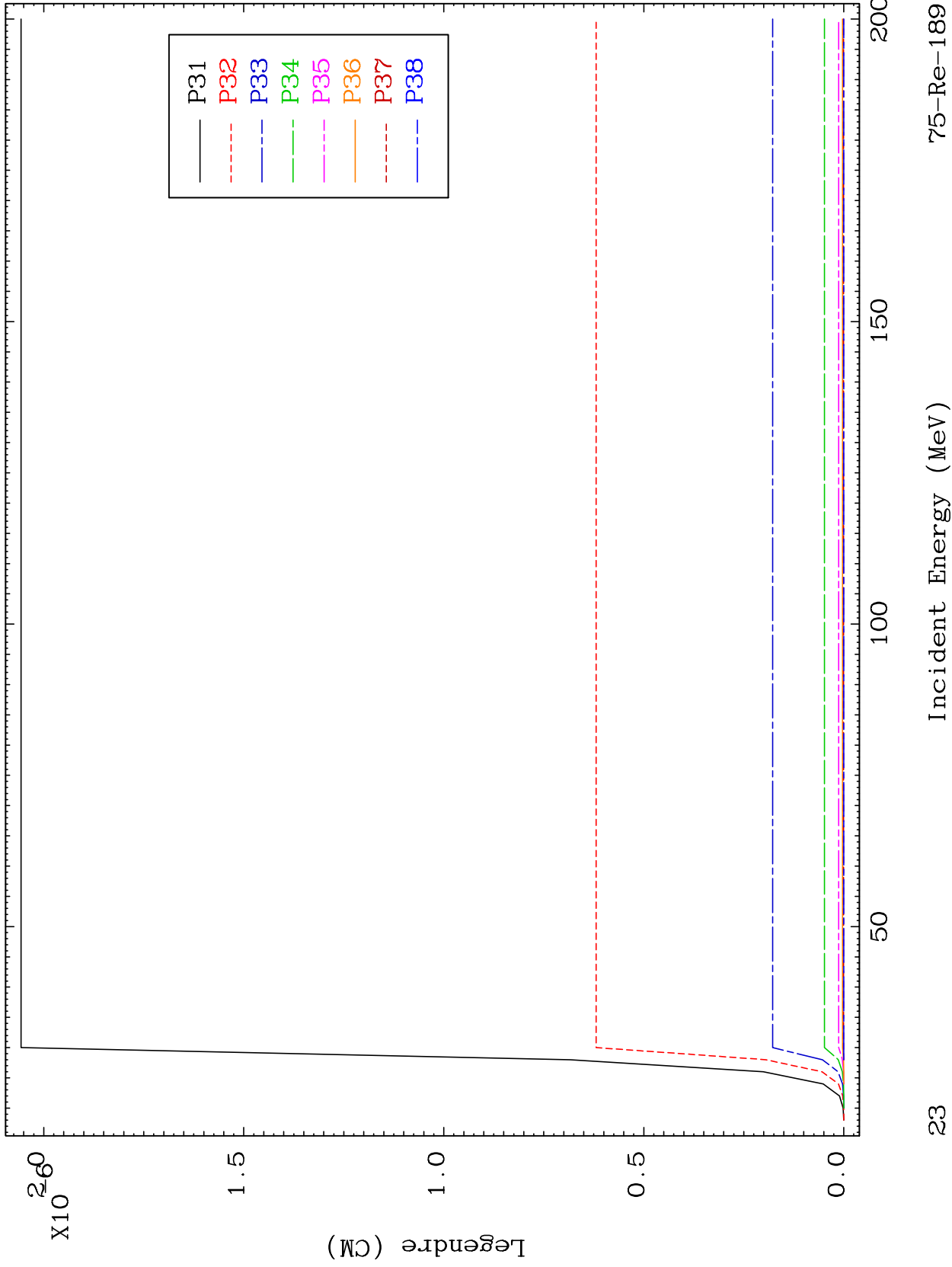
Incident Energy (MeV)

75-Re-189

MAT 7537

MT= 51 (n,n') Level
Legendre Coefficients

75-Re-189



23

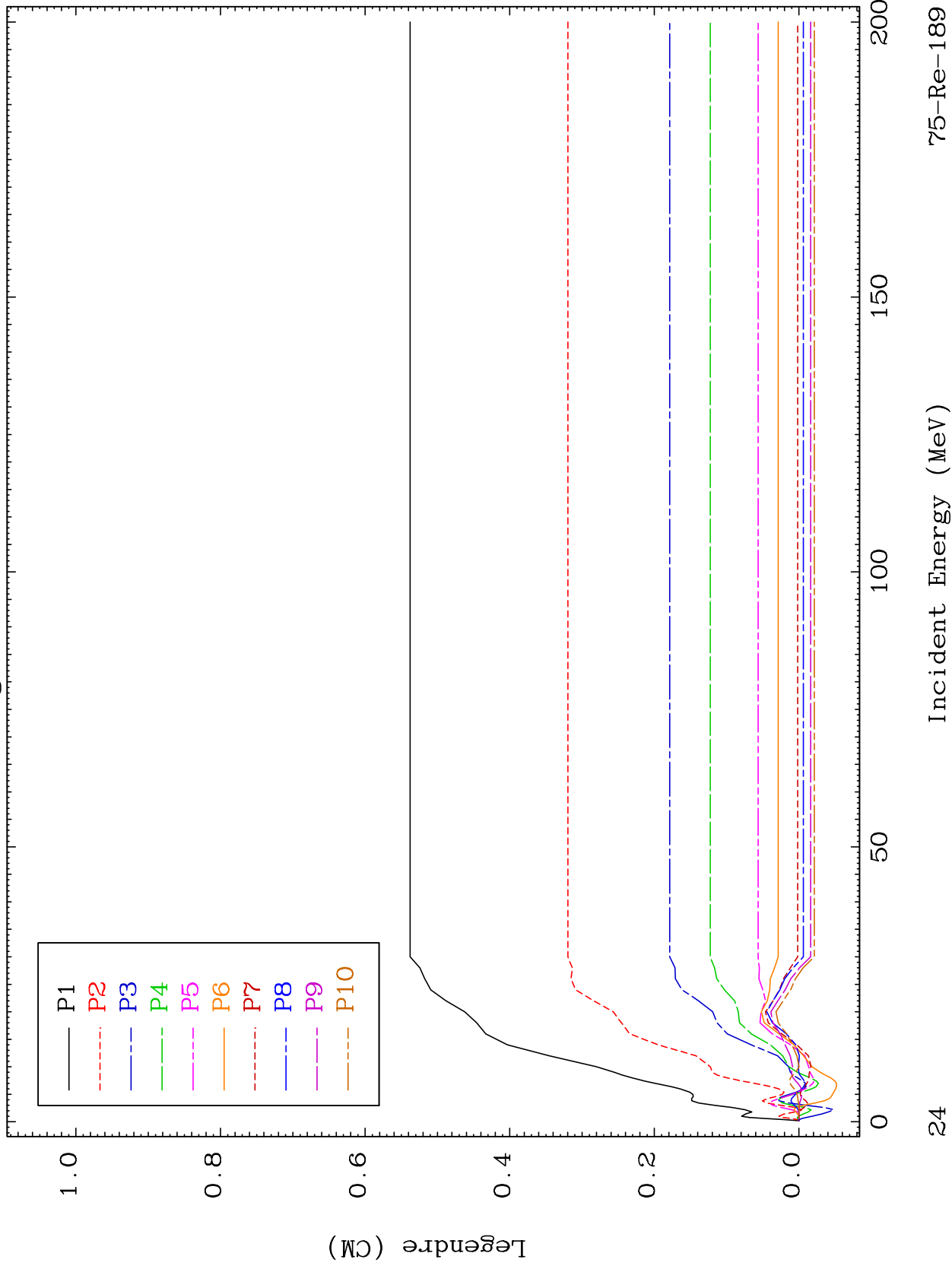
Incident Energy (MeV)

75-Re-189

MAT 7537

MT= 52 (n,n') Level
Legendre Coefficients

75-Re-189

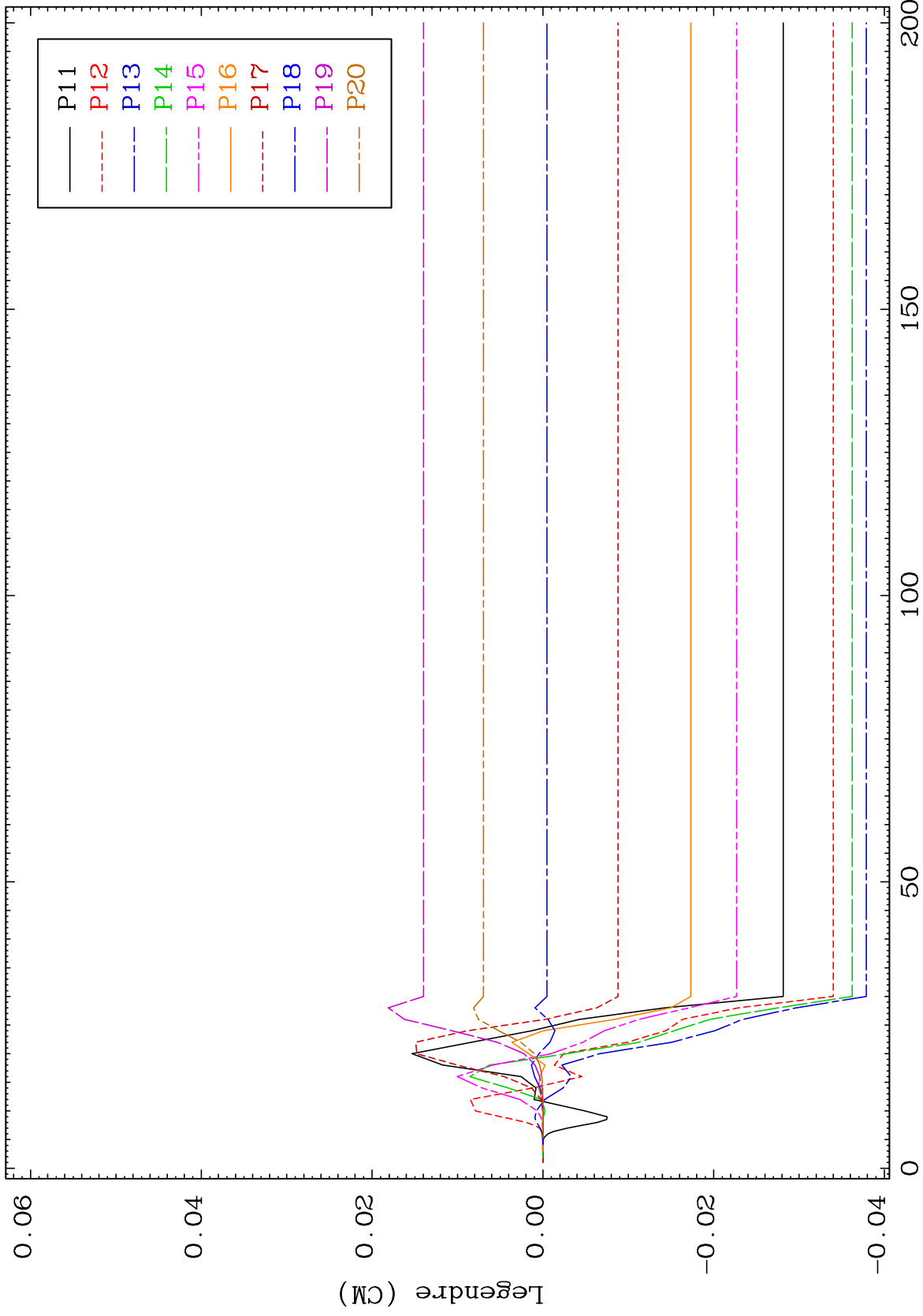


24

MAT 7537

MT= 52 (n,n') Level
Legendre Coefficients

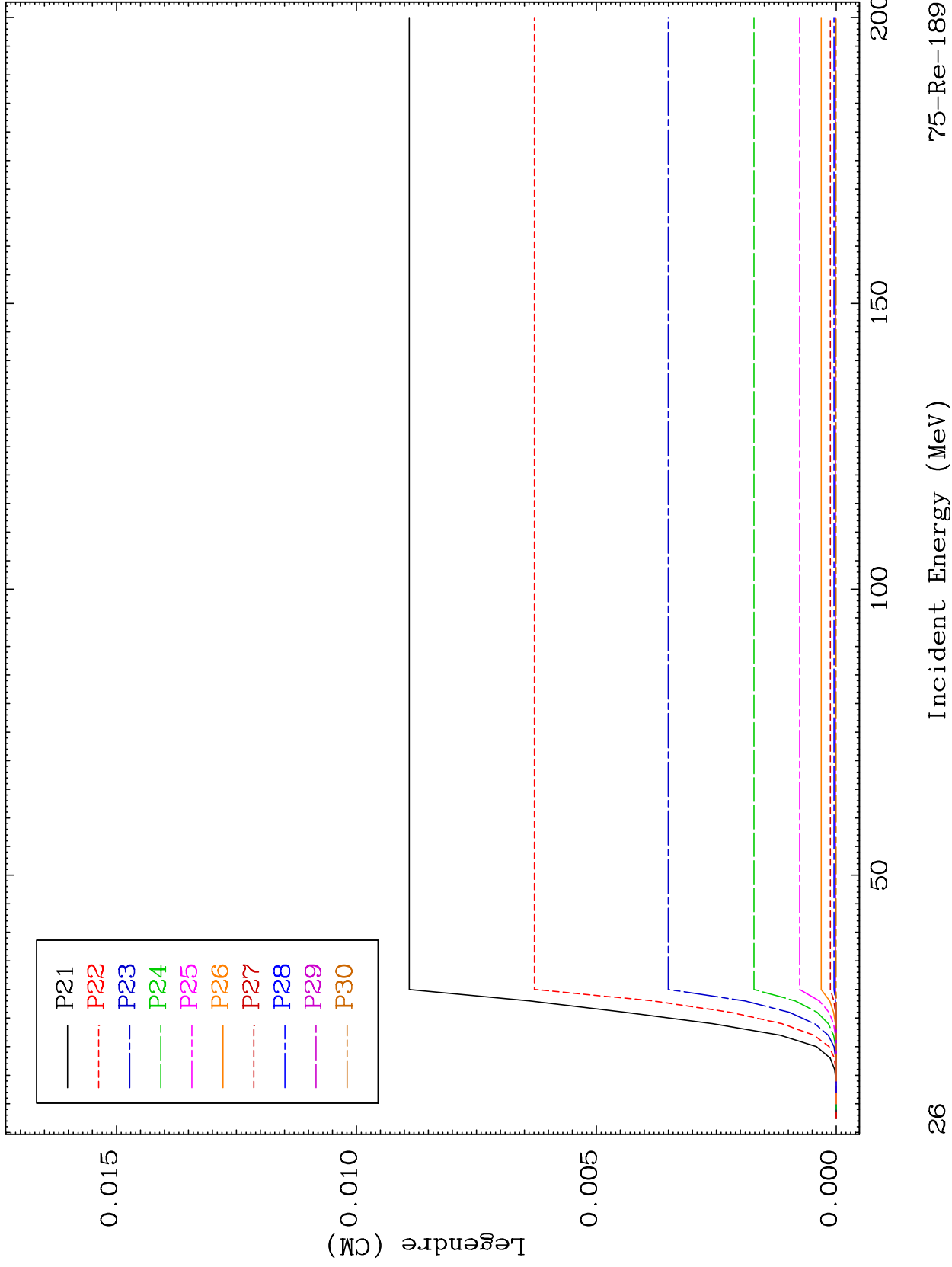
75-Re-189



25

Incident Energy (MeV)

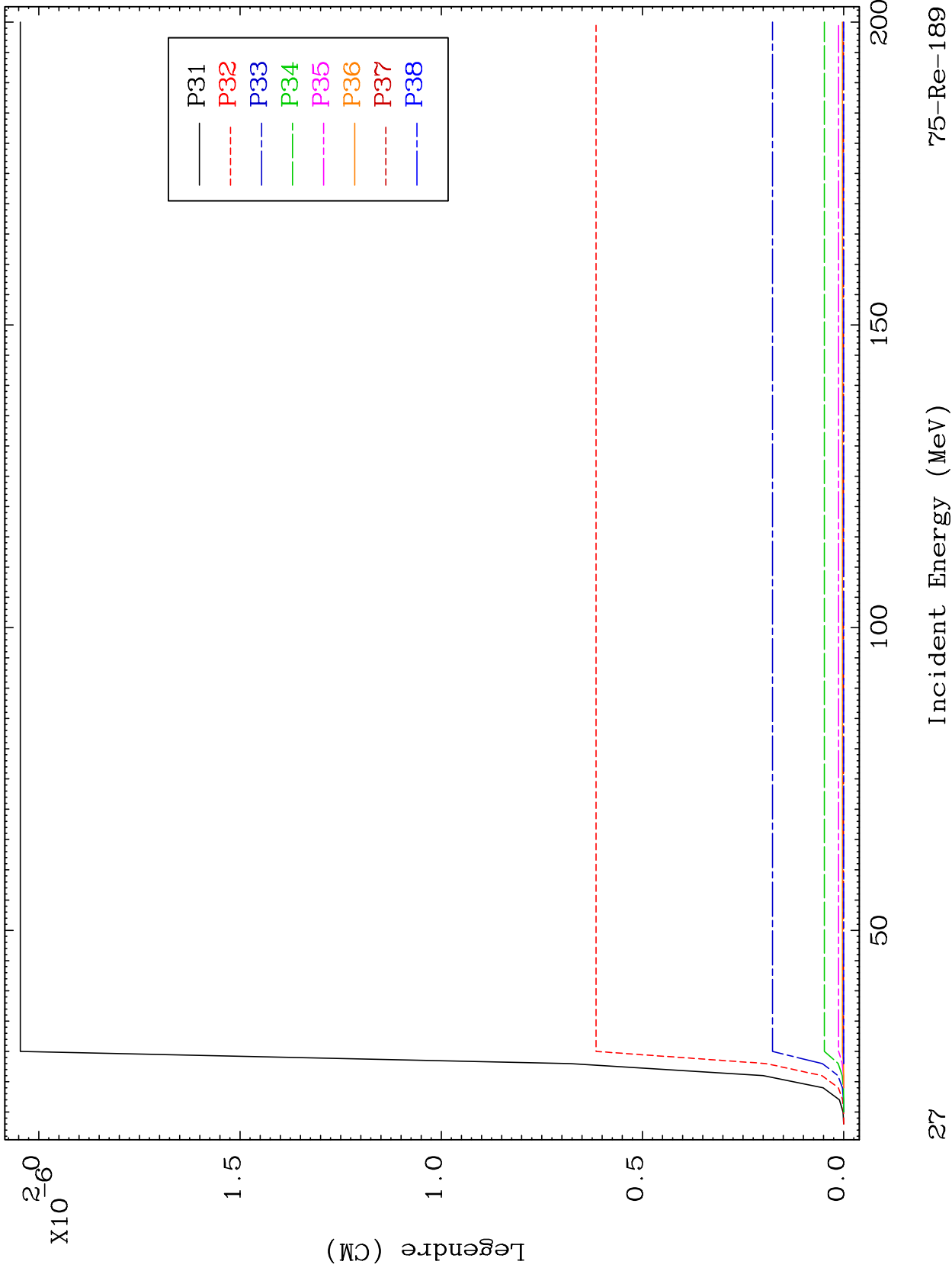
75-Re-189



MAT 7537

MT= 52 (n,n') Level
Legendre Coefficients

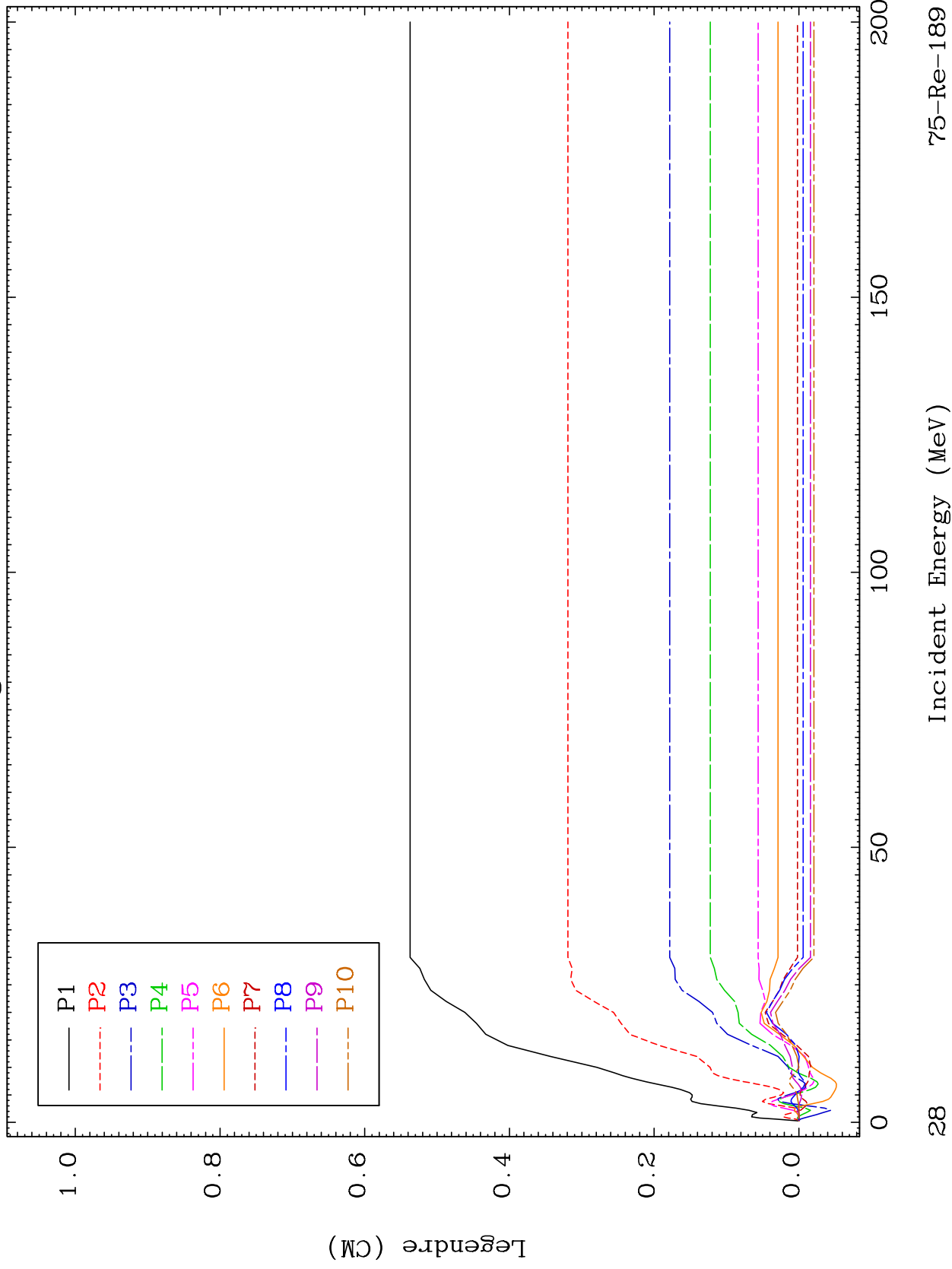
75-Re-189



MAT 7537

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

75-Re-189

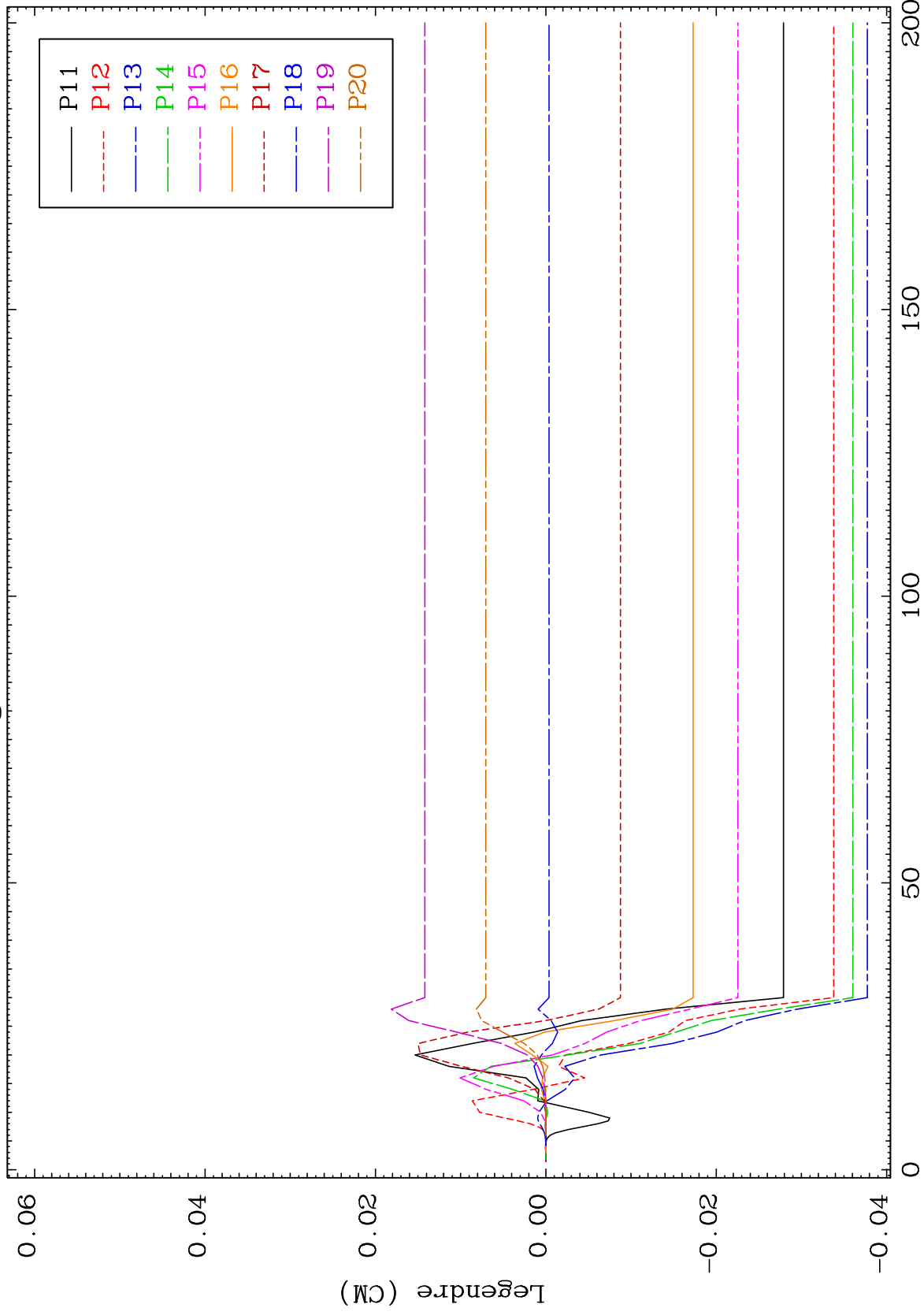


28

MAT 7537

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

75-Re-189



29

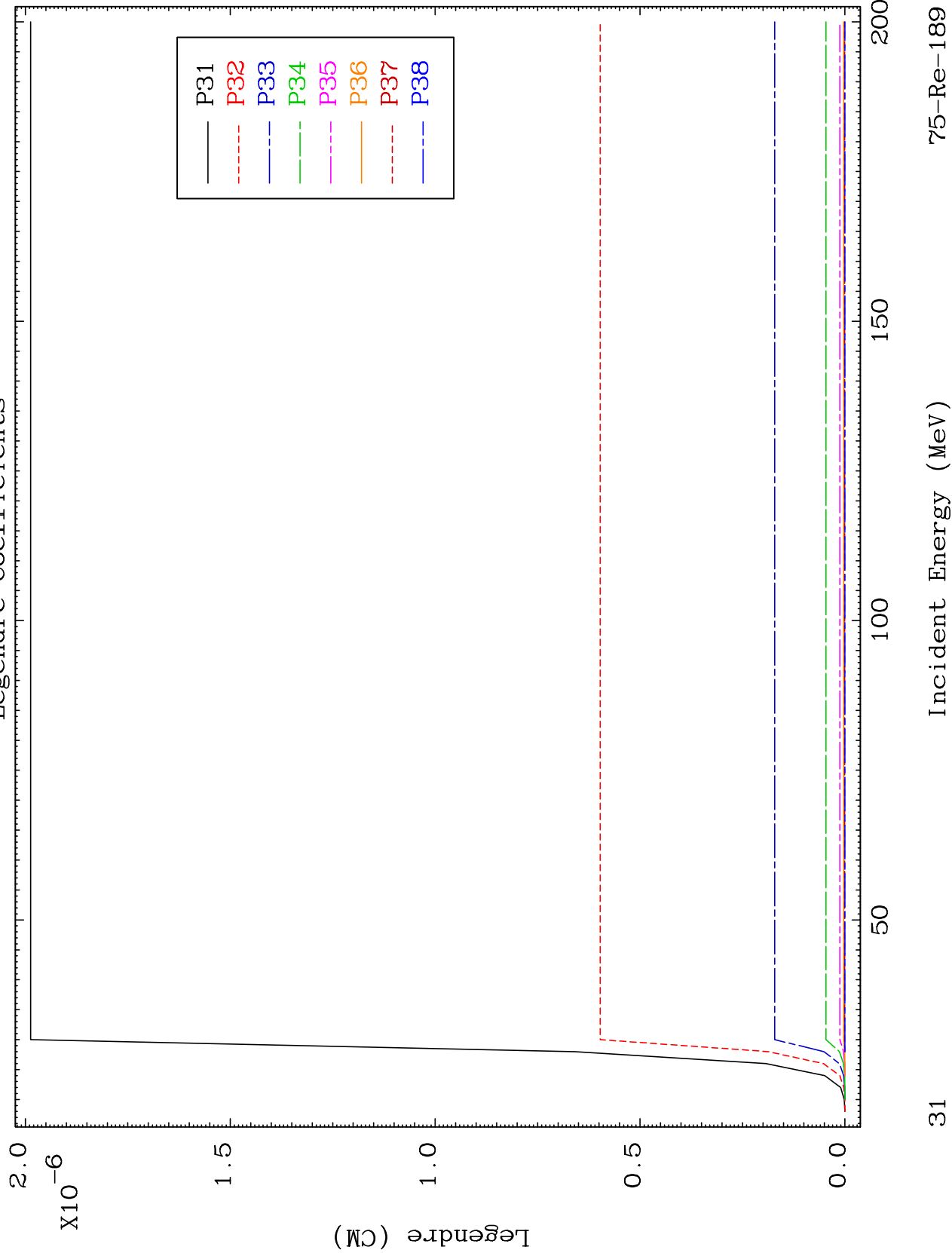
Incident Energy (MeV)

75-Re-189

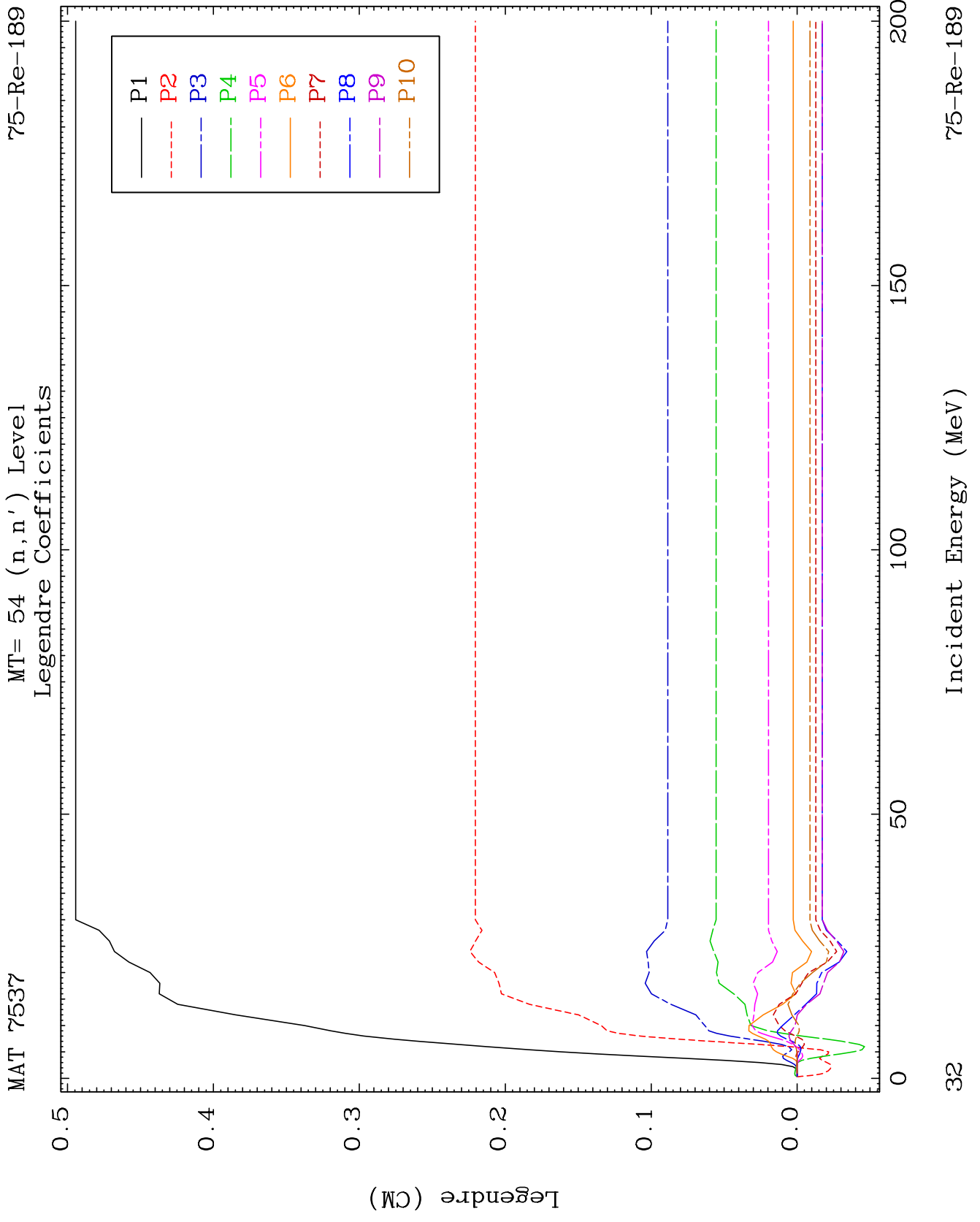
MAT 7537

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

75-Re-189



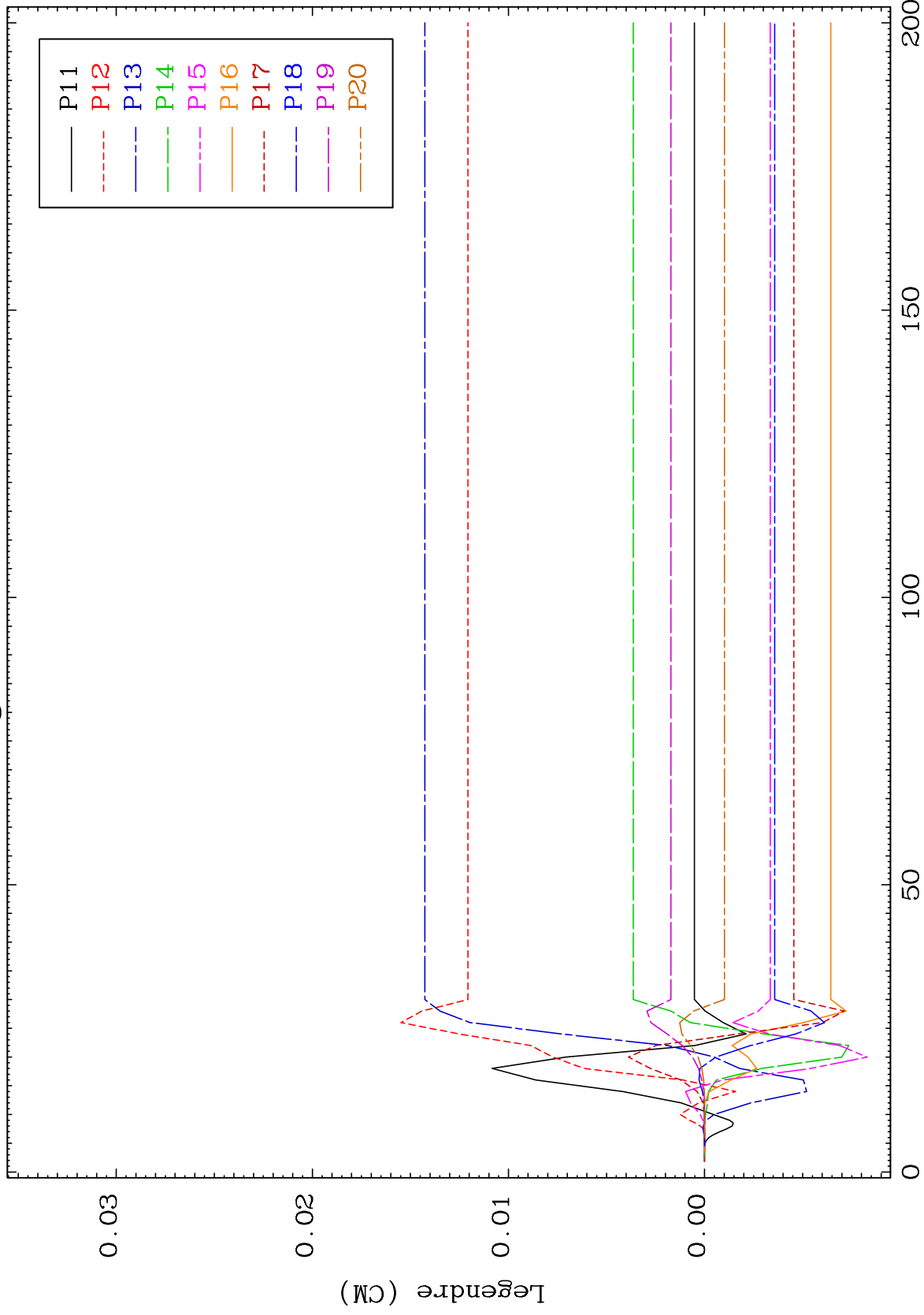
31



MAT 7537

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

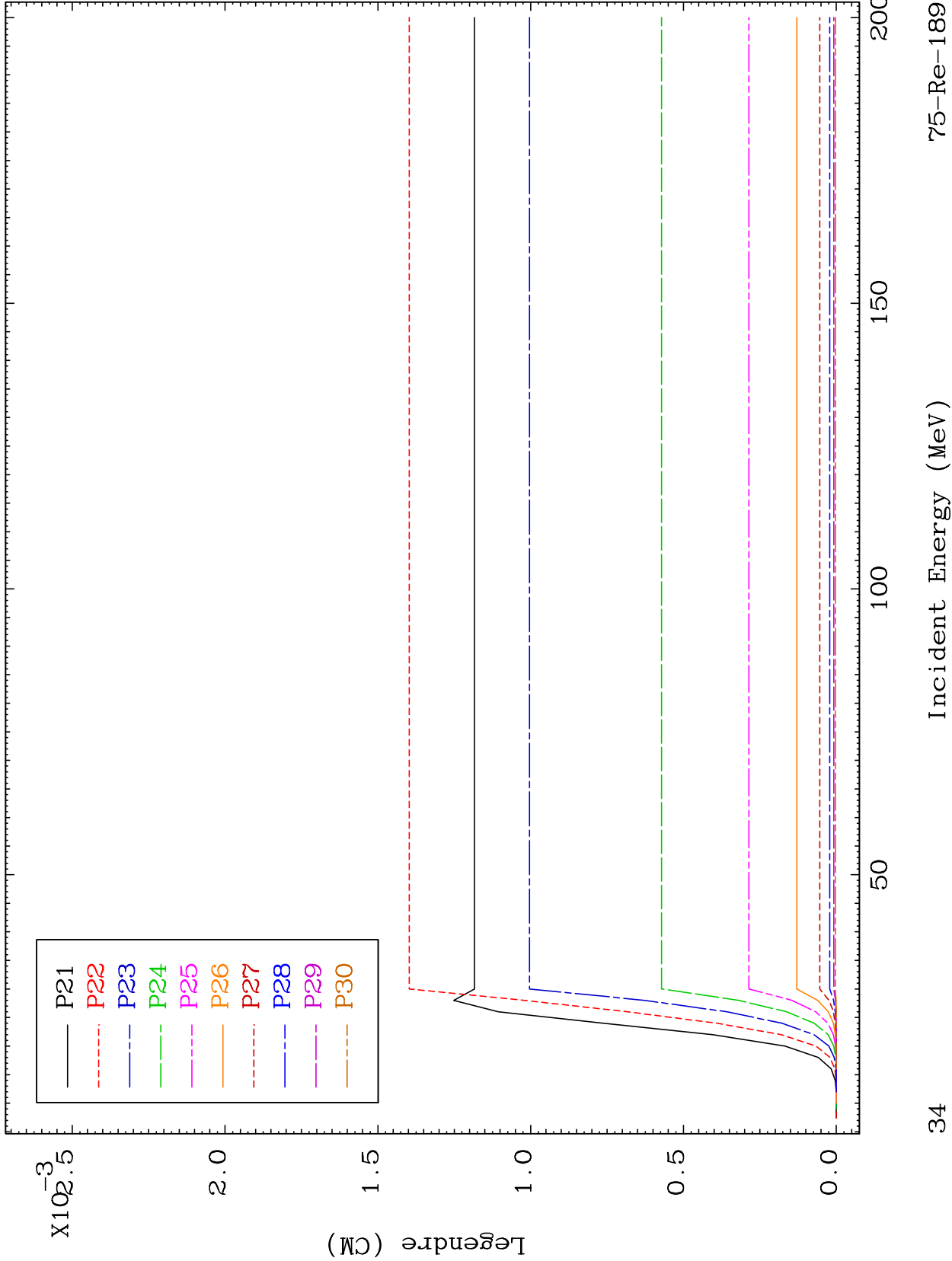
75-Re-189



33

Incident Energy (MeV)

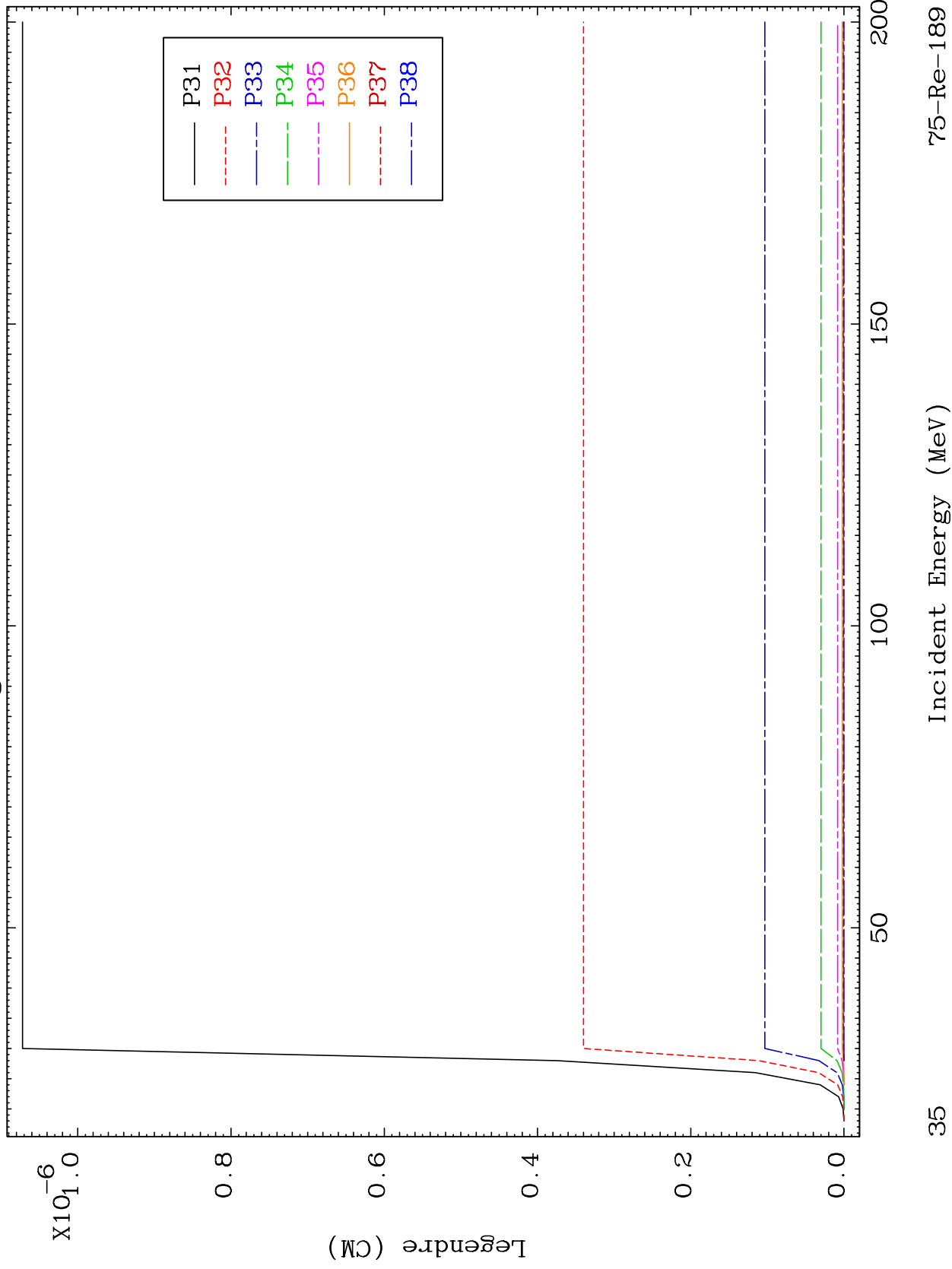
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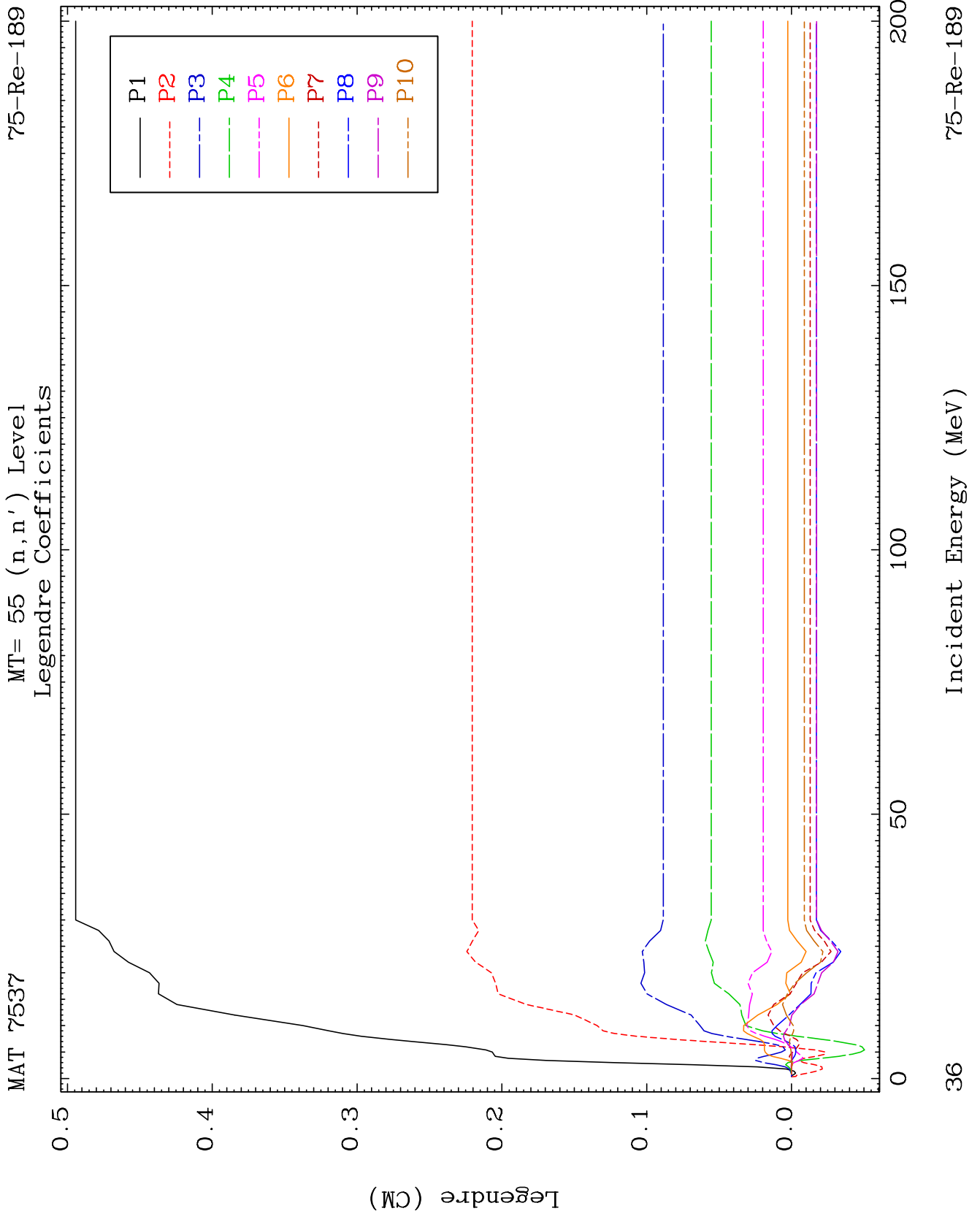


MAT 7537

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

75-Re-189

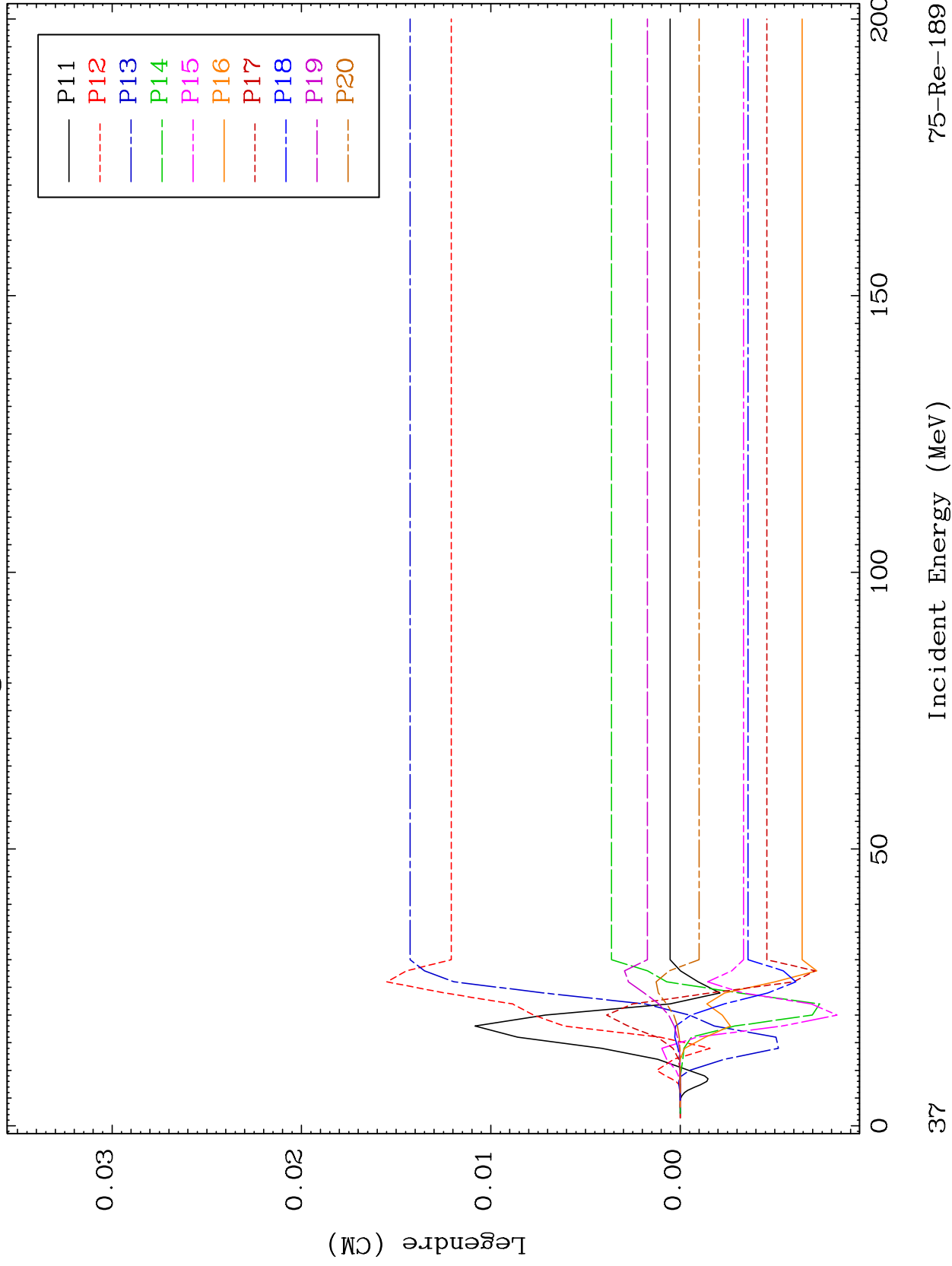




MAT 7537

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

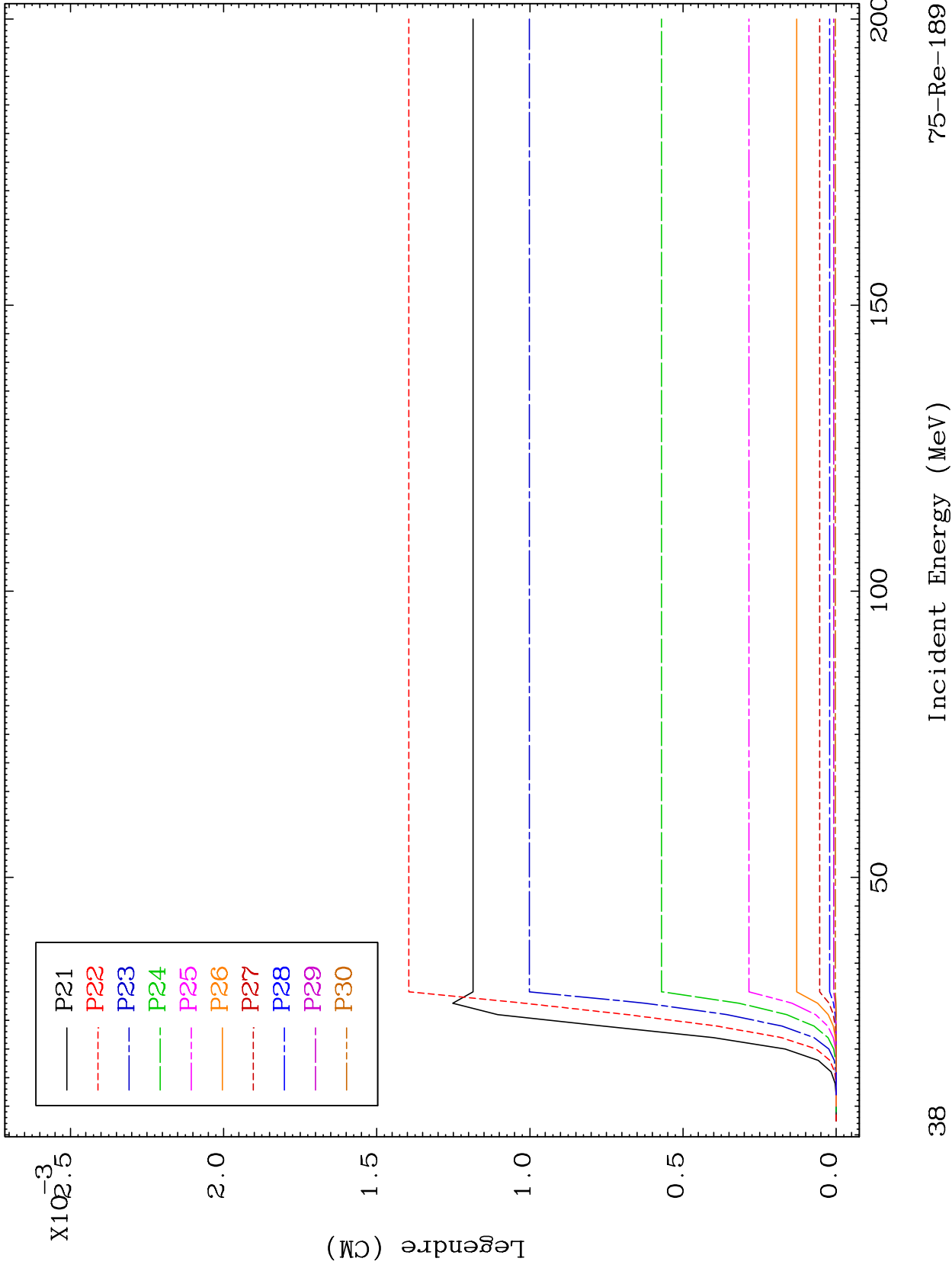
75-Re-189



75-Re-189

Incident Energy (MeV)

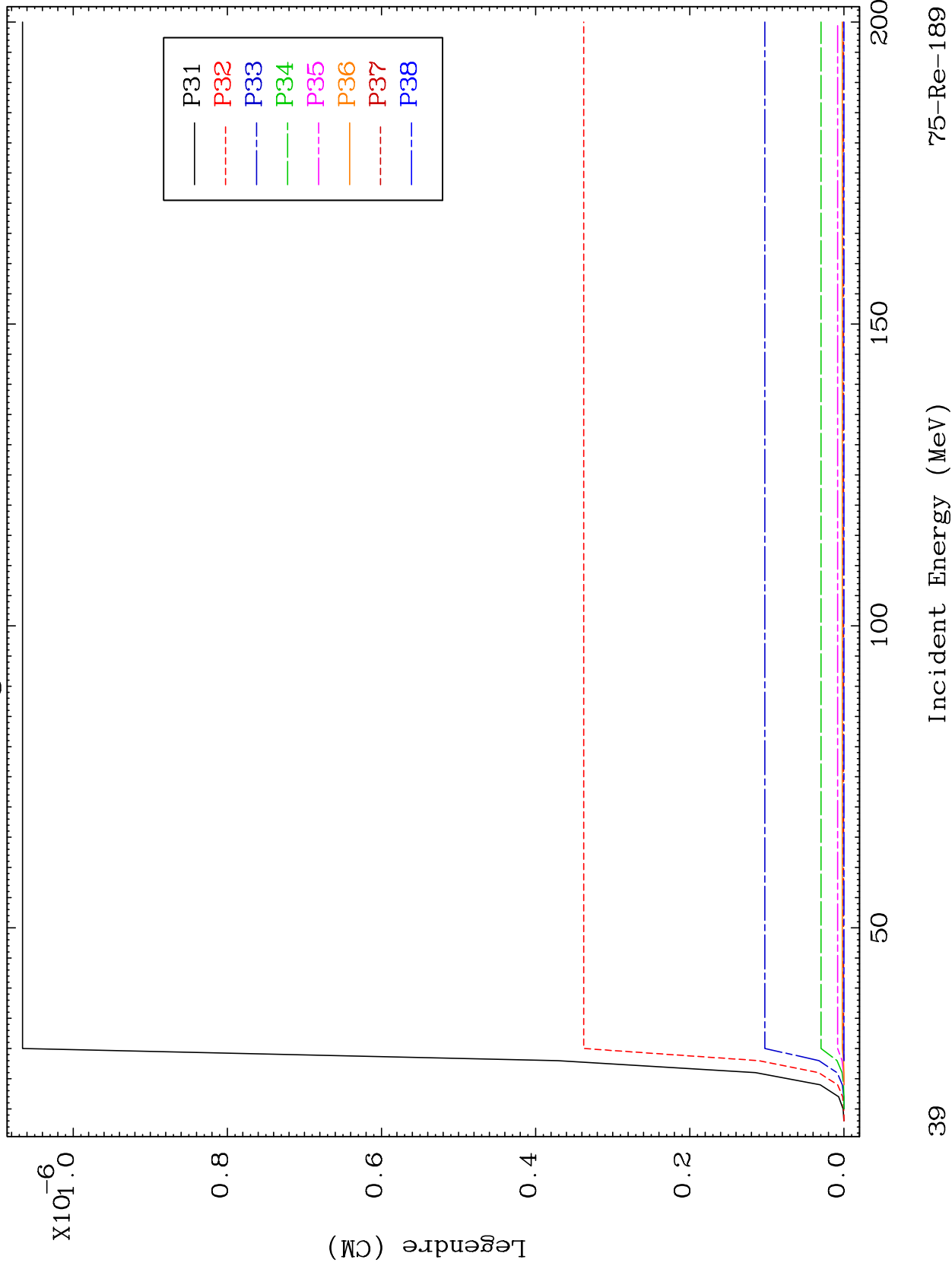
37



MAT 7537

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

75-Re-189



39

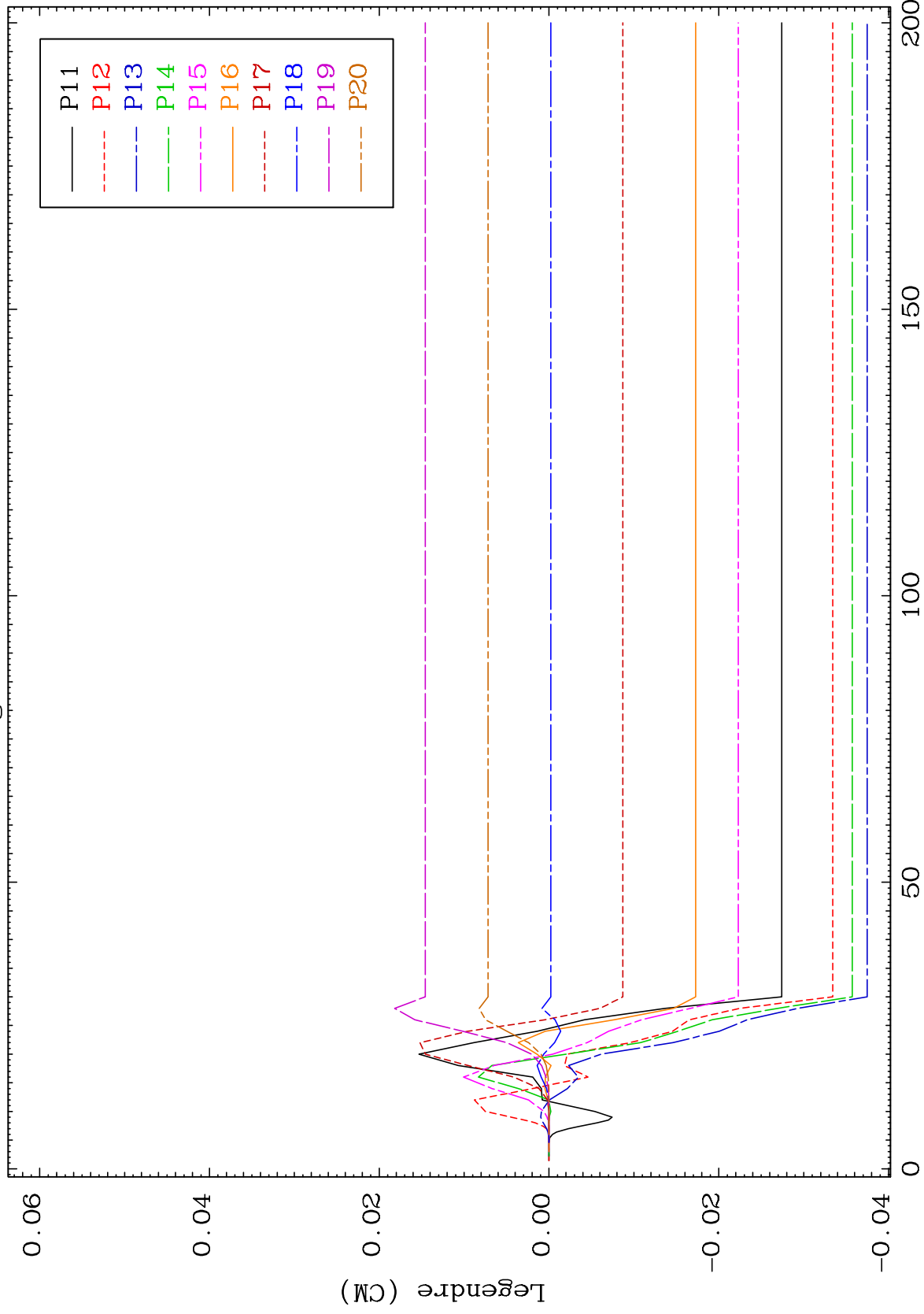
Incident Energy (MeV)

75-Re-189

MAT 7537

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

75-Re-189



41

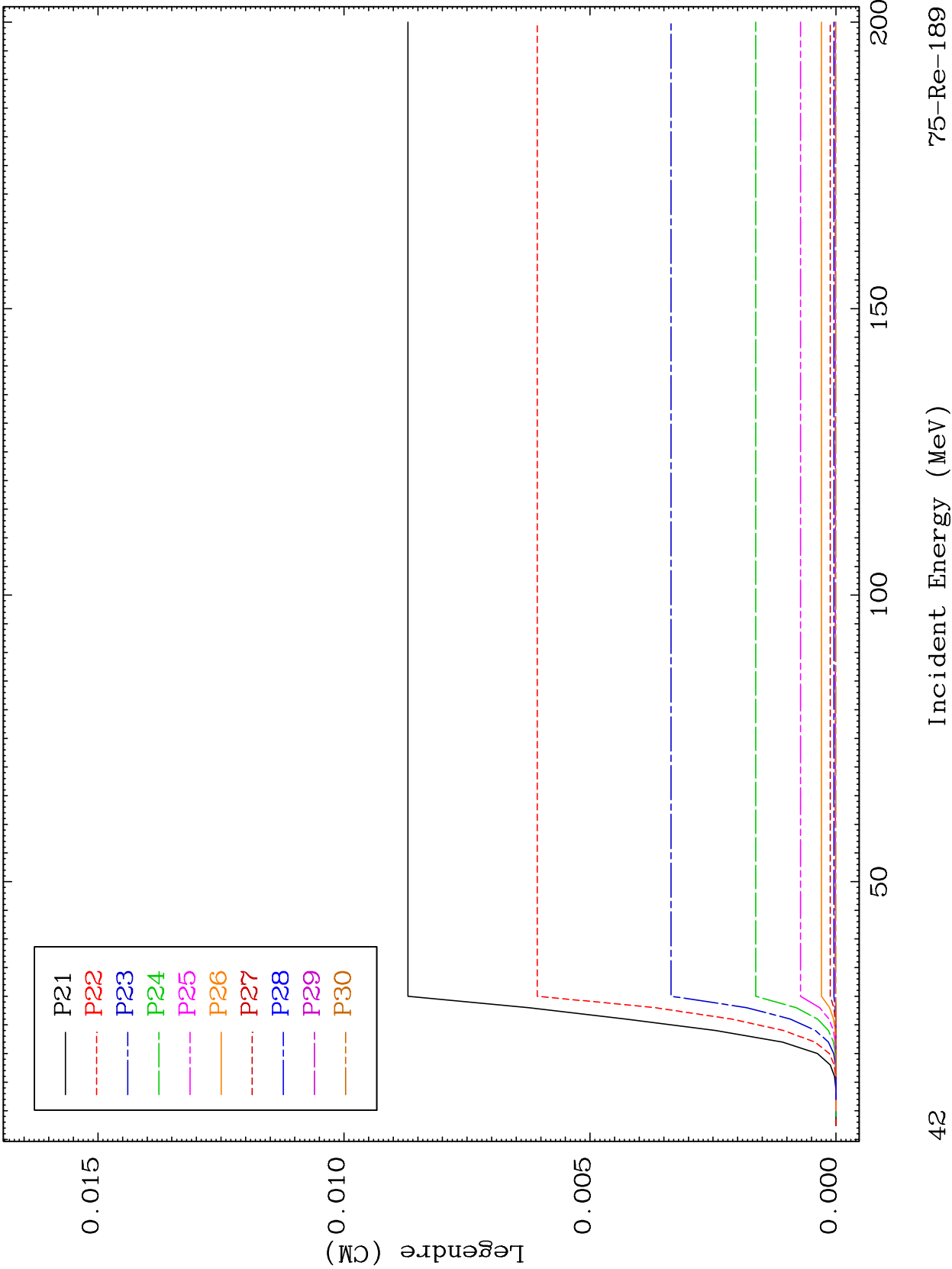
Incident Energy (MeV)

75-Re-189

MAT 7537

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

75-Re-189



42

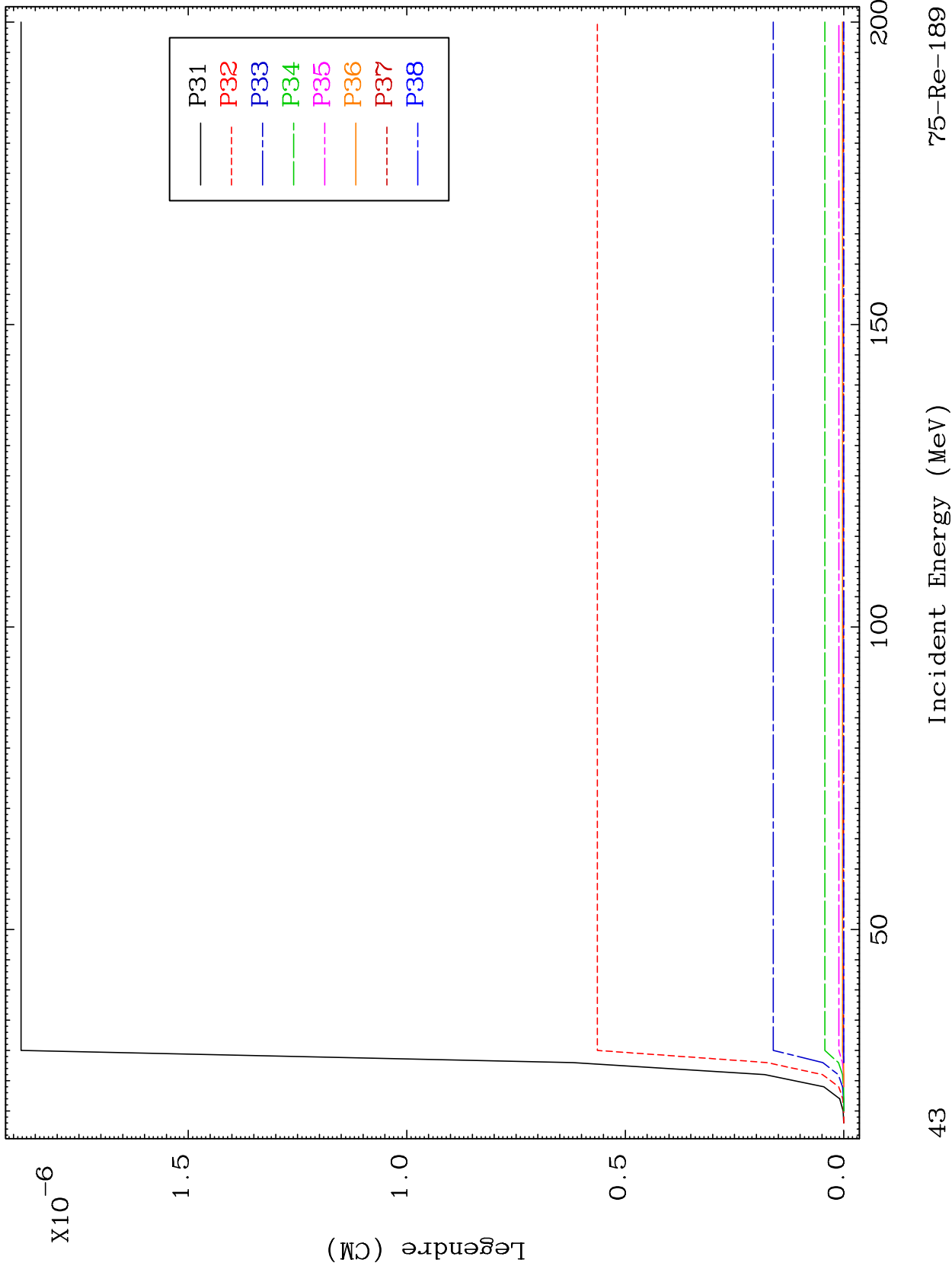
Incident Energy (MeV)

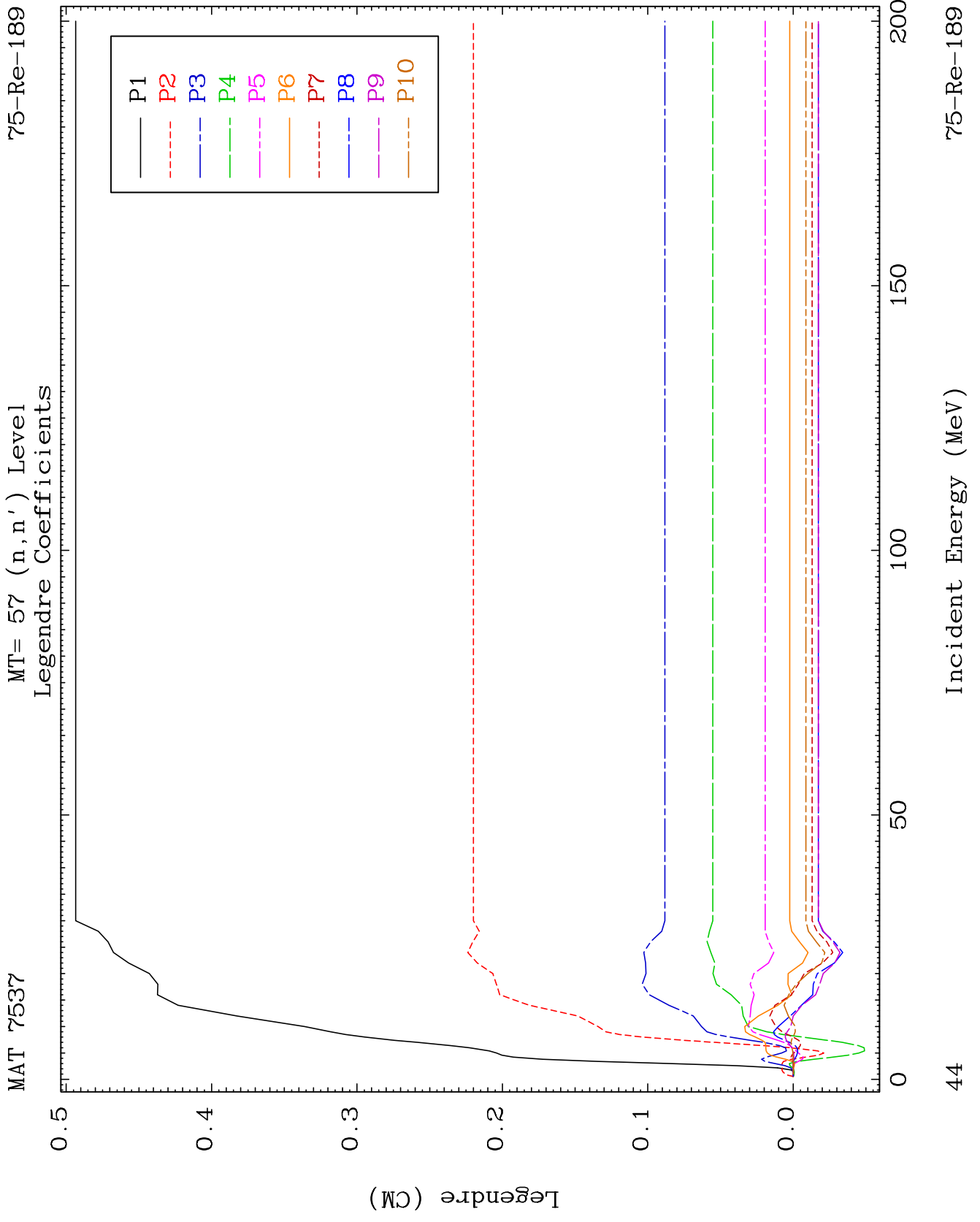
75-Re-189

MAT 7537

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

75-Re-189

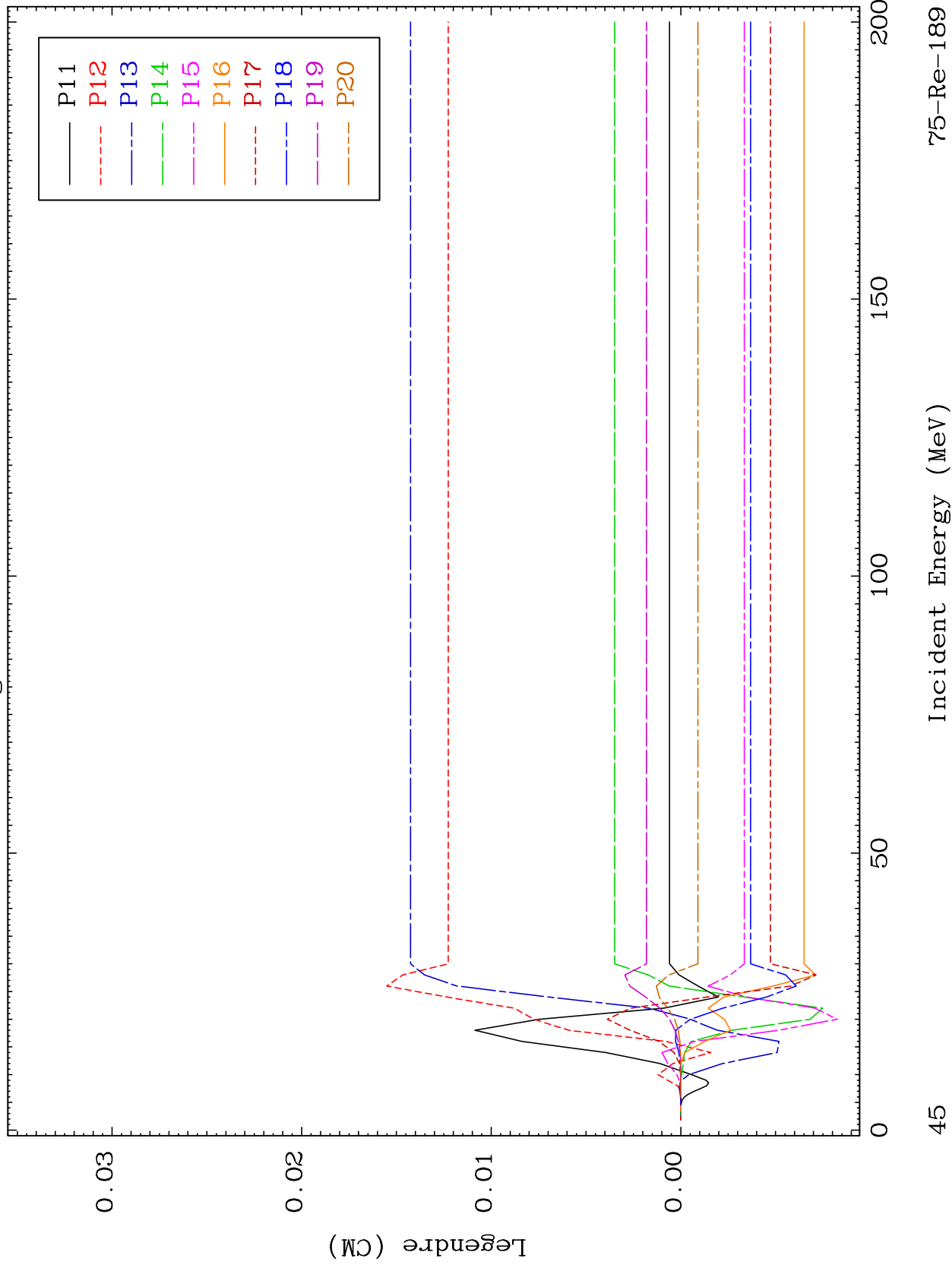




MAT 7537

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

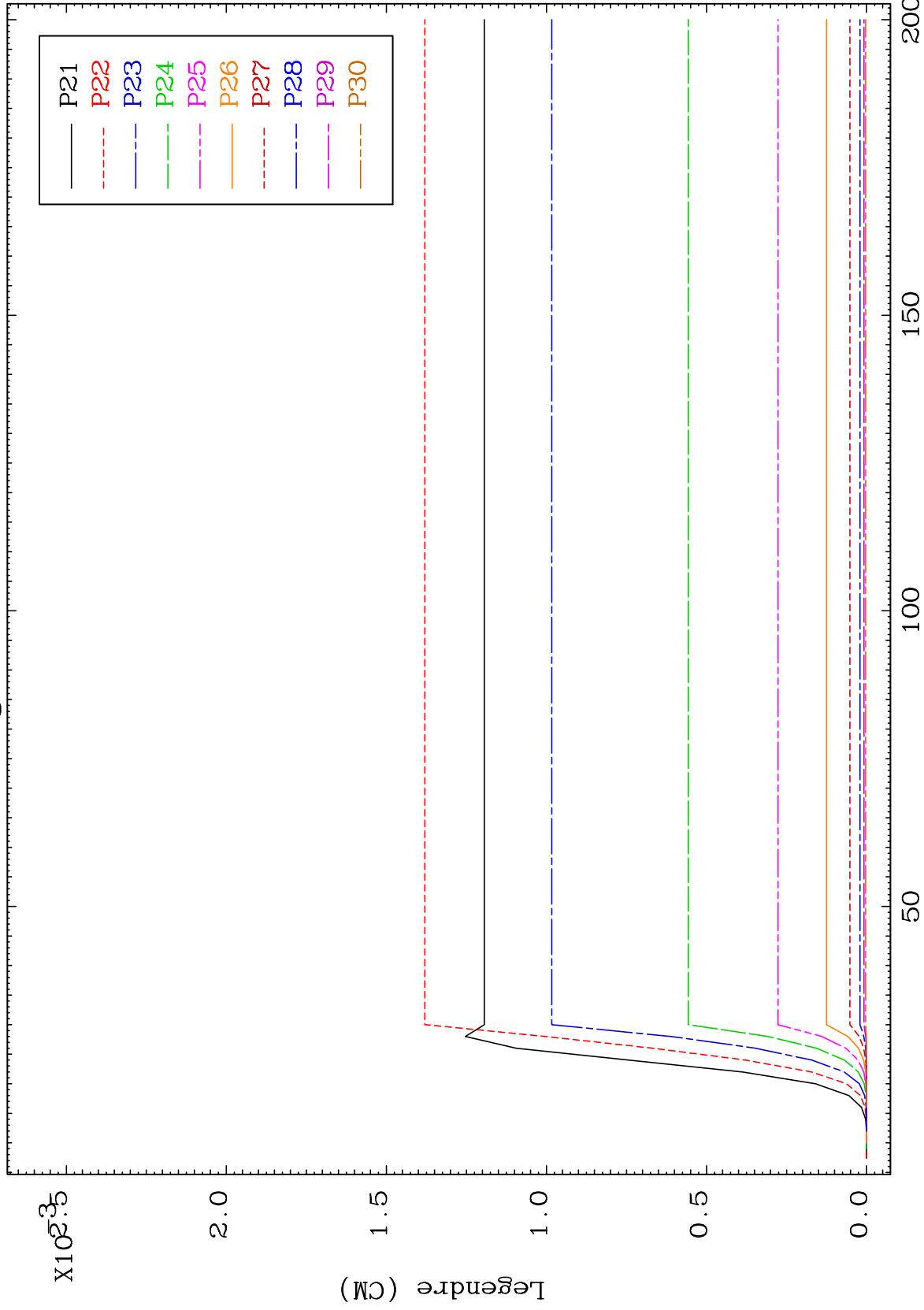
75-Re-189



MAT 7537

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

75-Re-189



46

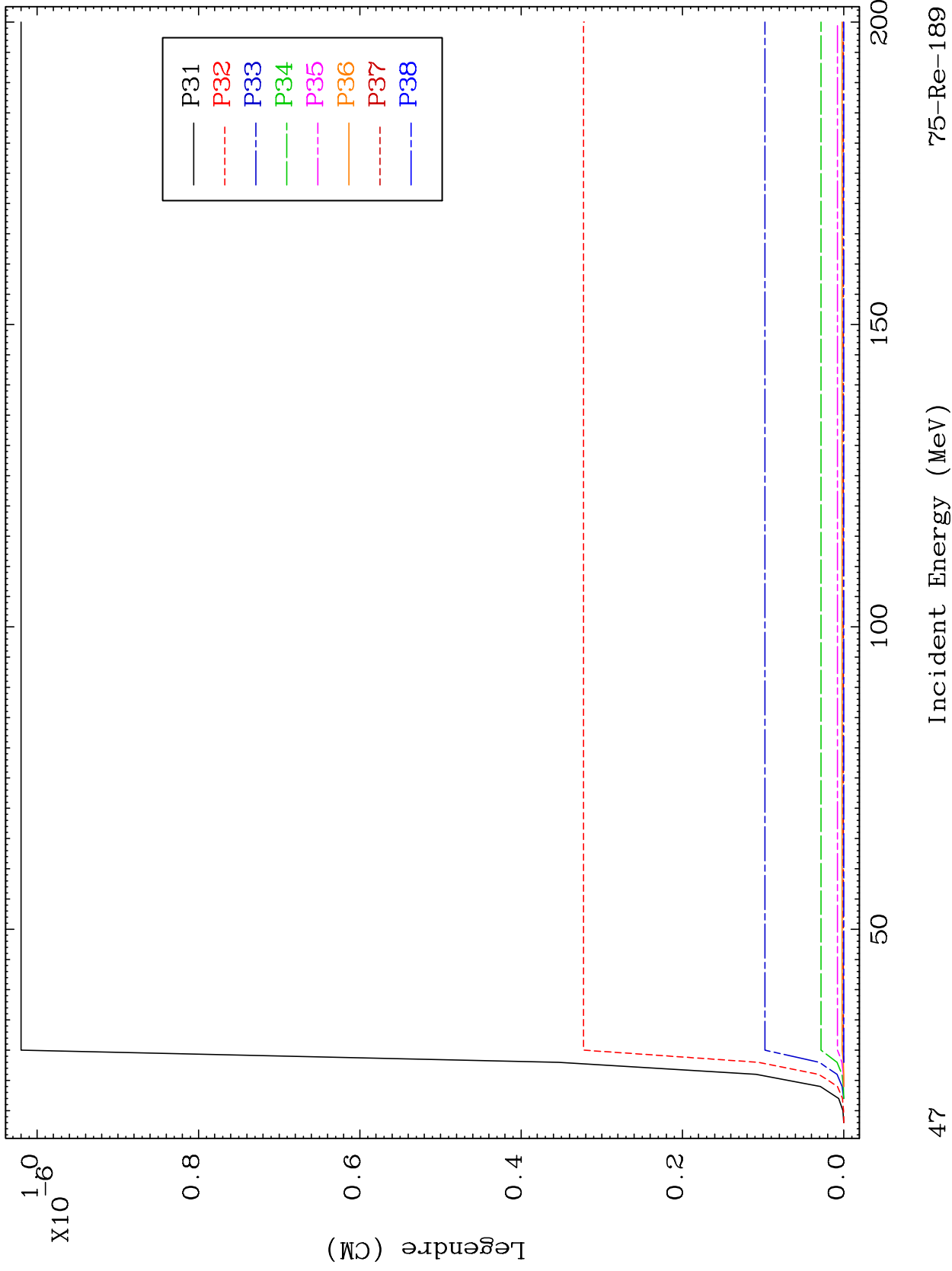
Incident Energy (MeV)

75-Re-189

MAT 7537

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

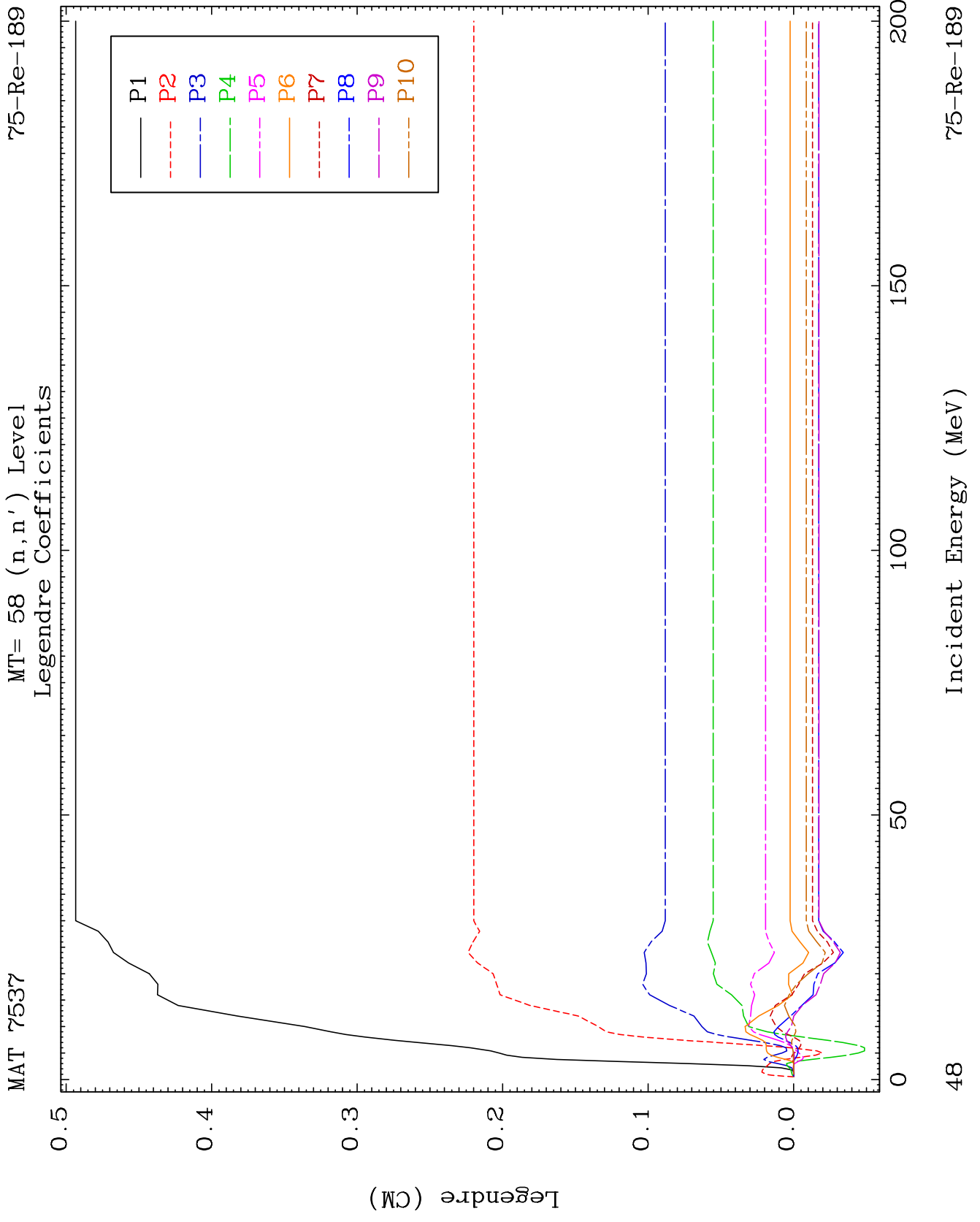
75-Re-189



47

Incident Energy (MeV)

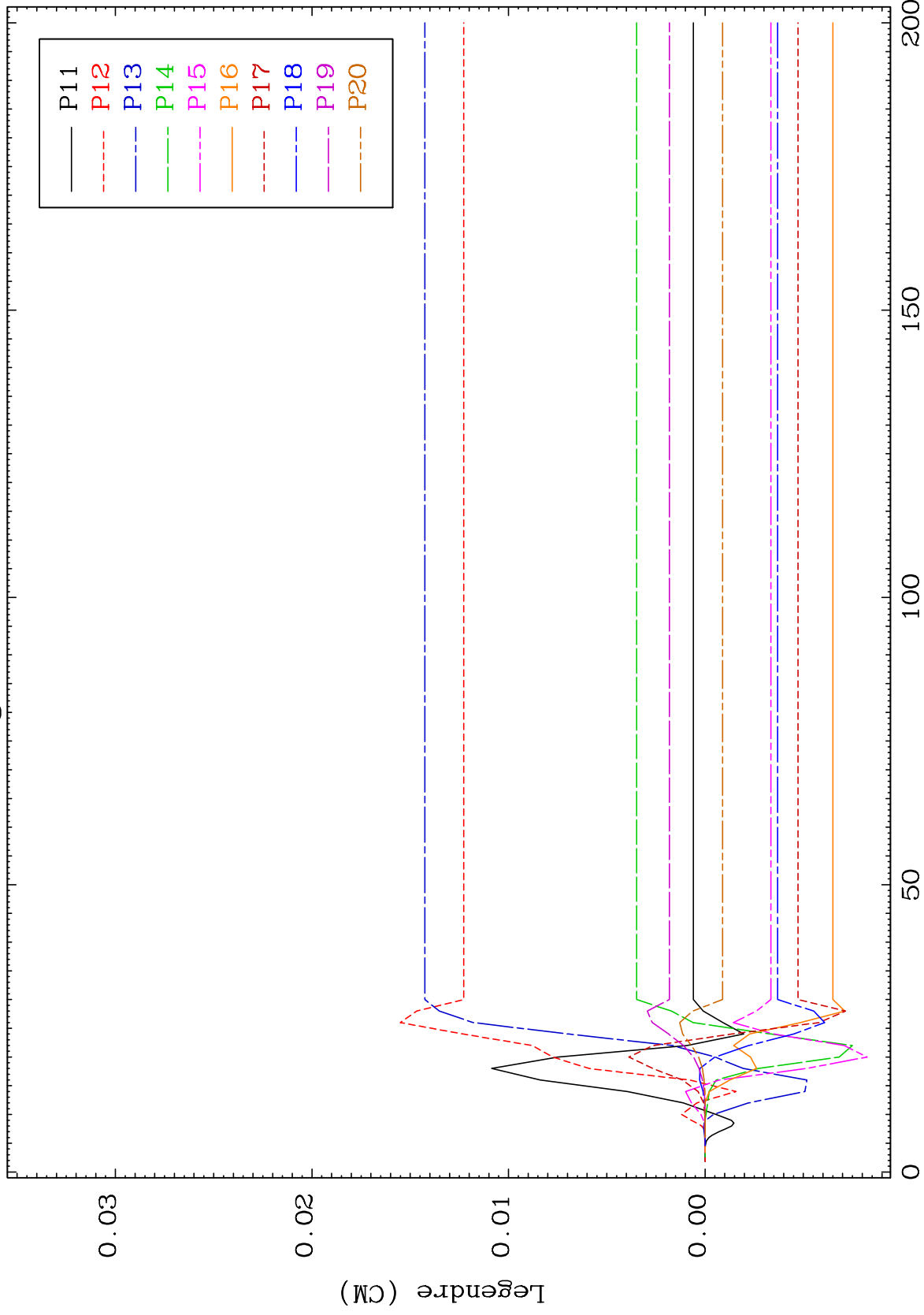
75-Re-189



MAT 7537

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

75-Re-189



49

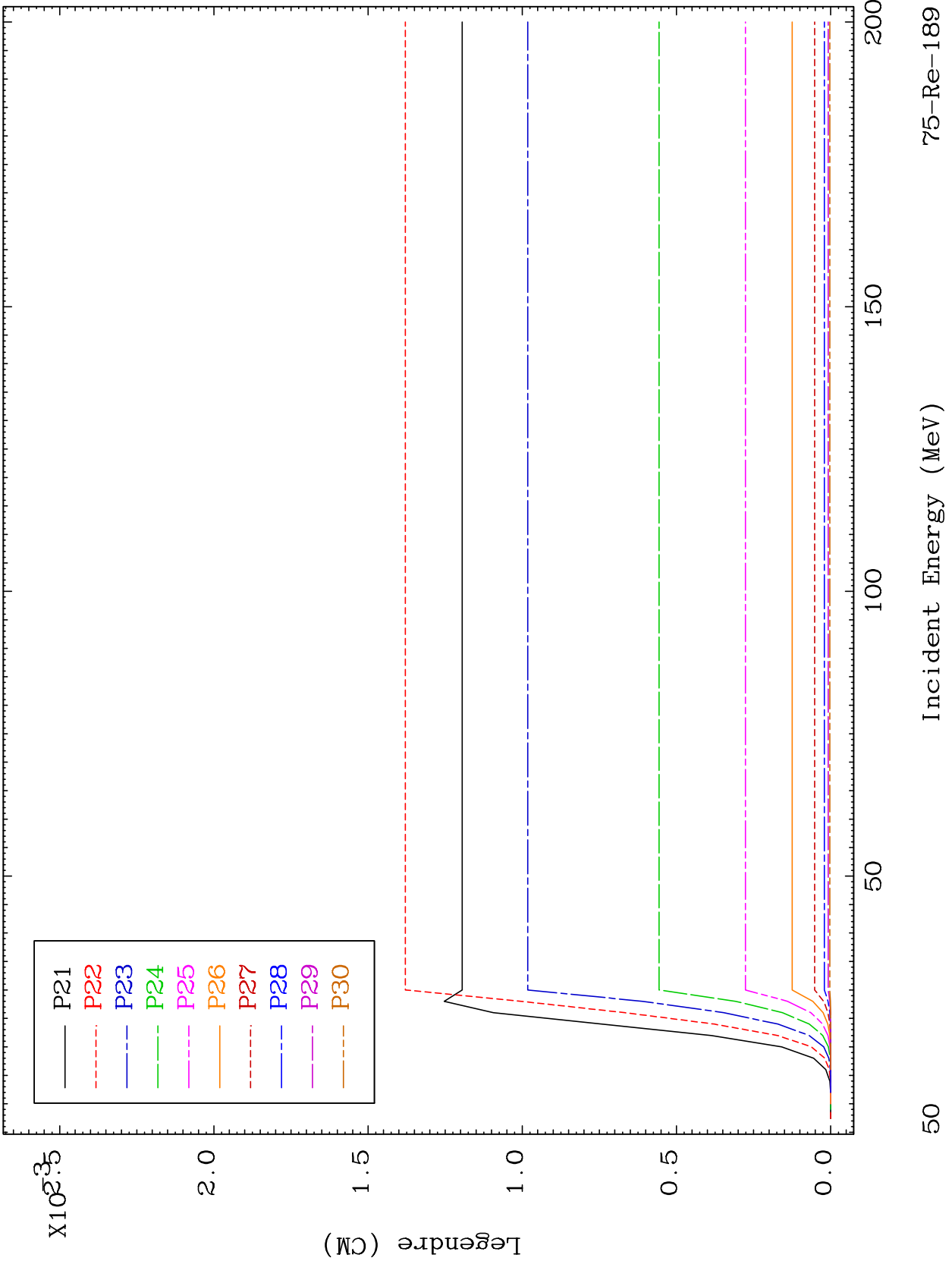
Incident Energy (MeV)

75-Re-189

MAT 7537

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

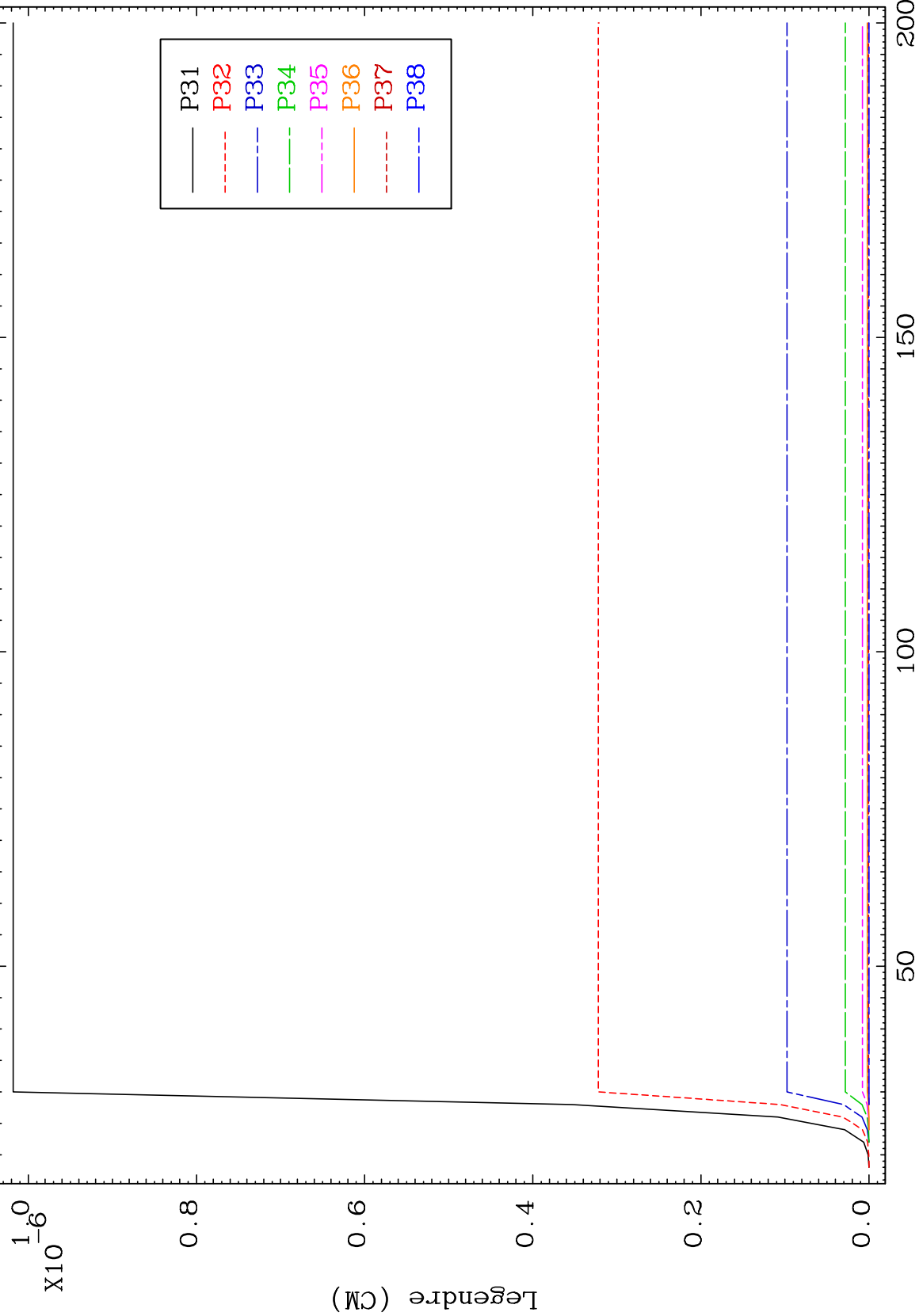
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MAT 7537

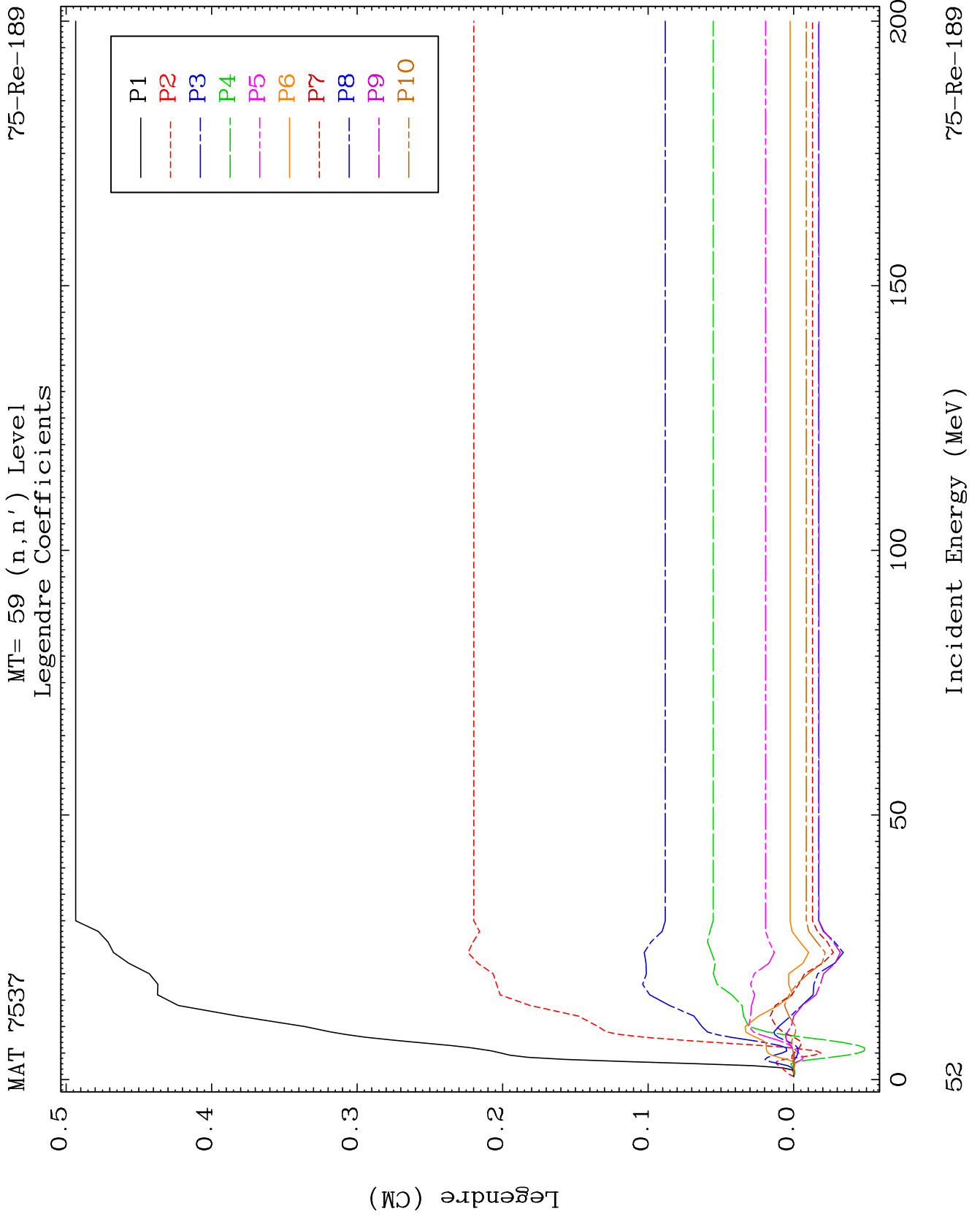
MT= 58 (n,n') Level
Legendre Coefficients

75-Re-189



51

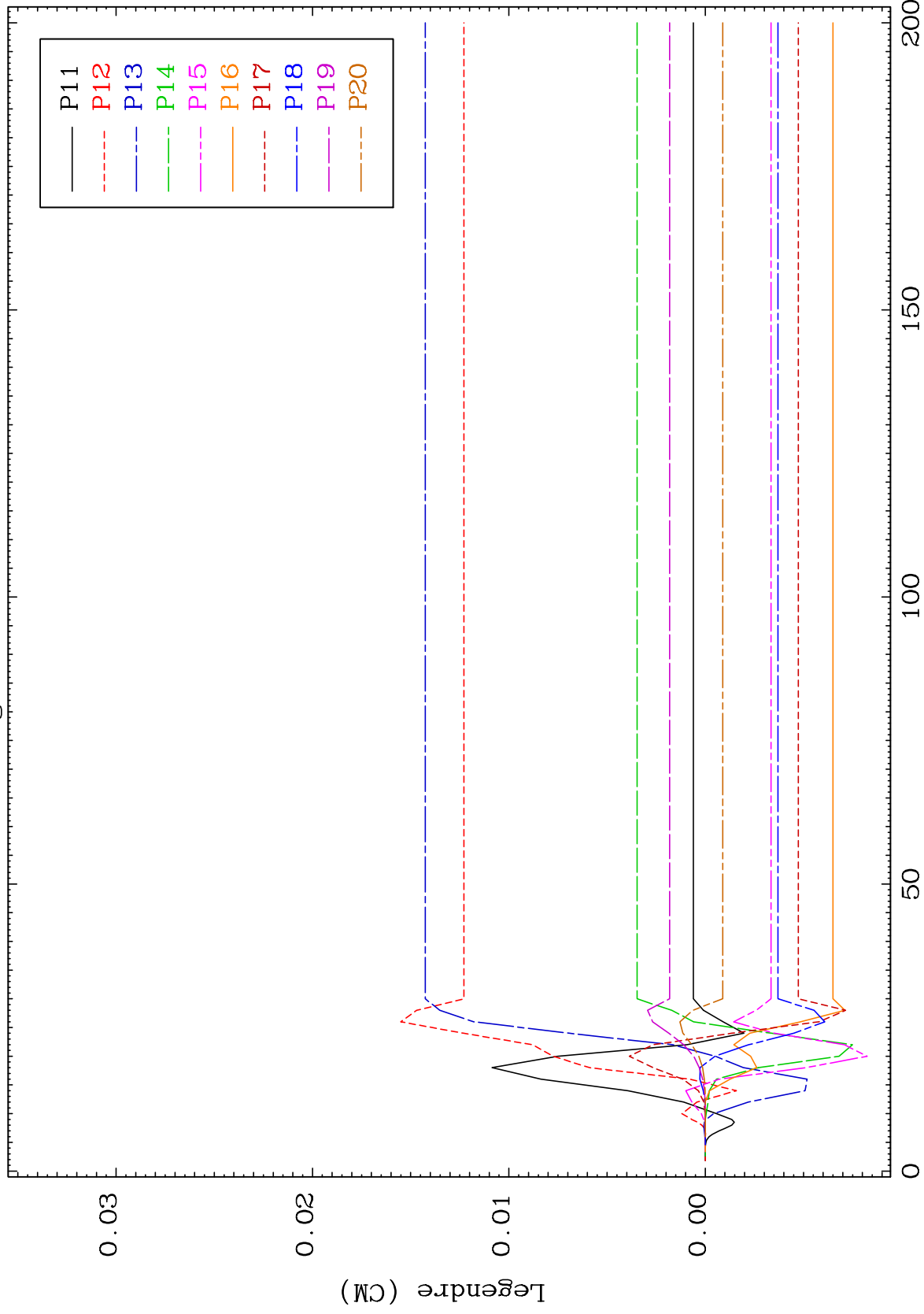
75-Re-189



MAT 7537

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

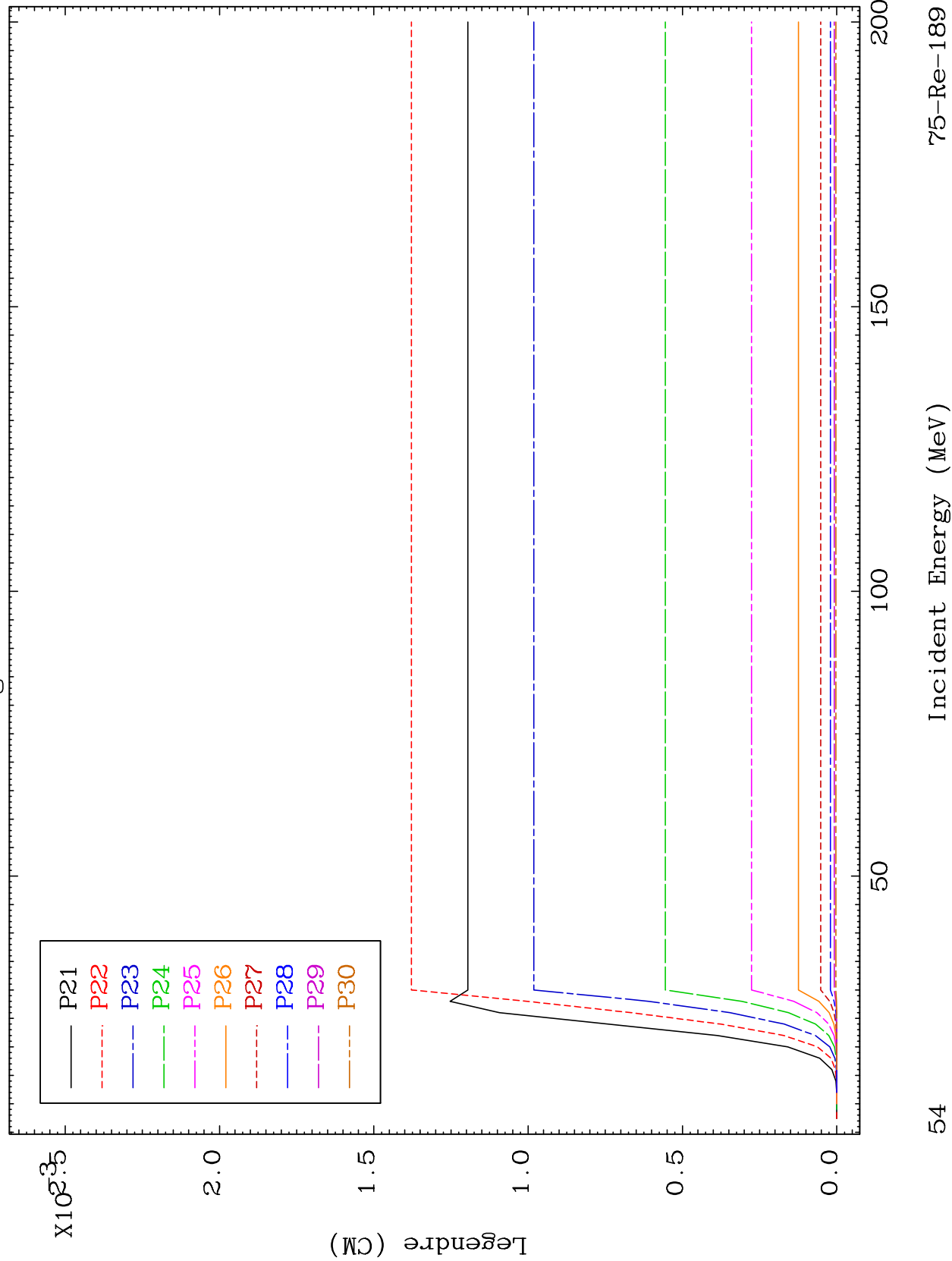
75-Re-189



53

Incident Energy (MeV)

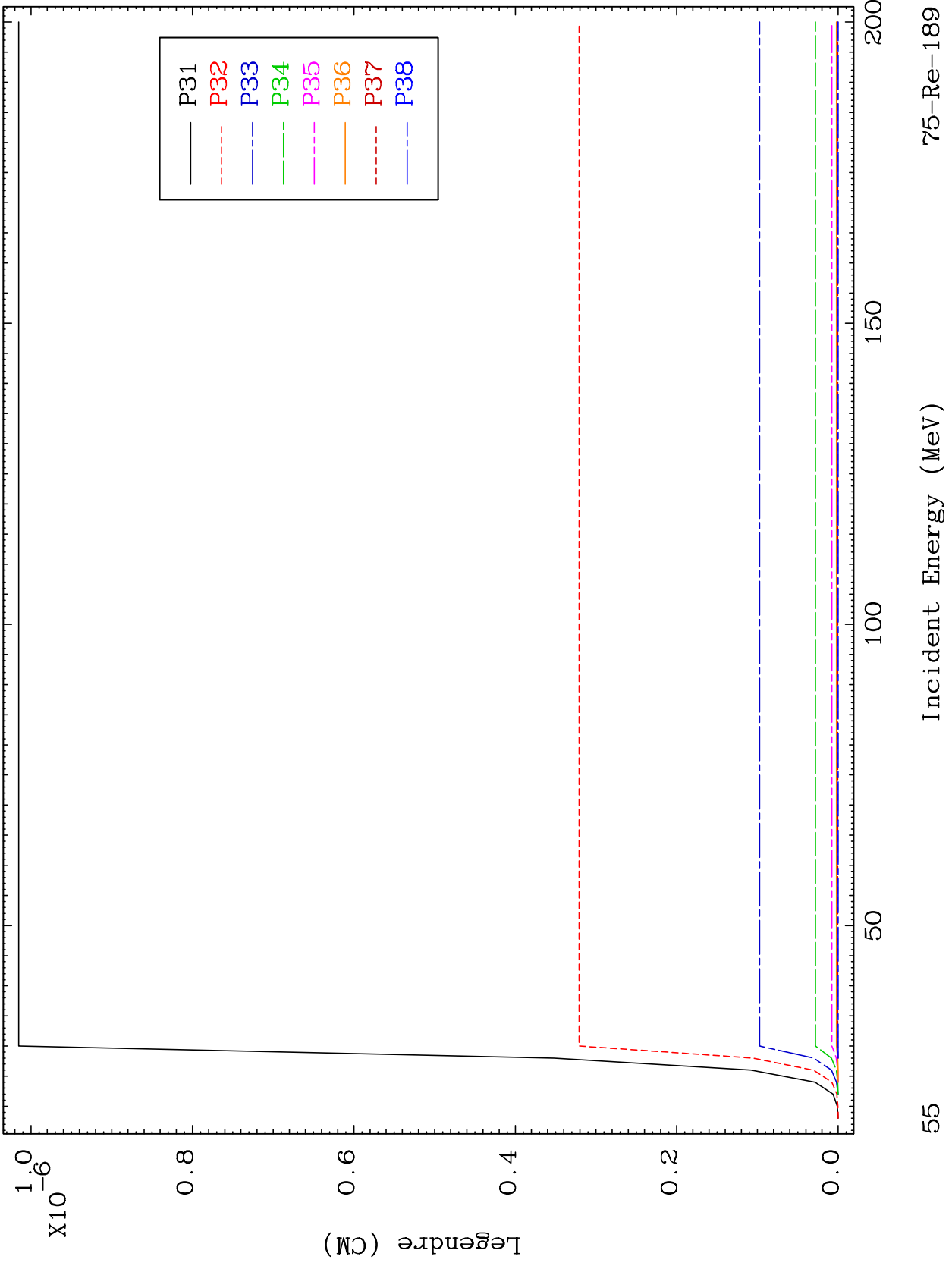
75-Re-189



MAT 7537

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

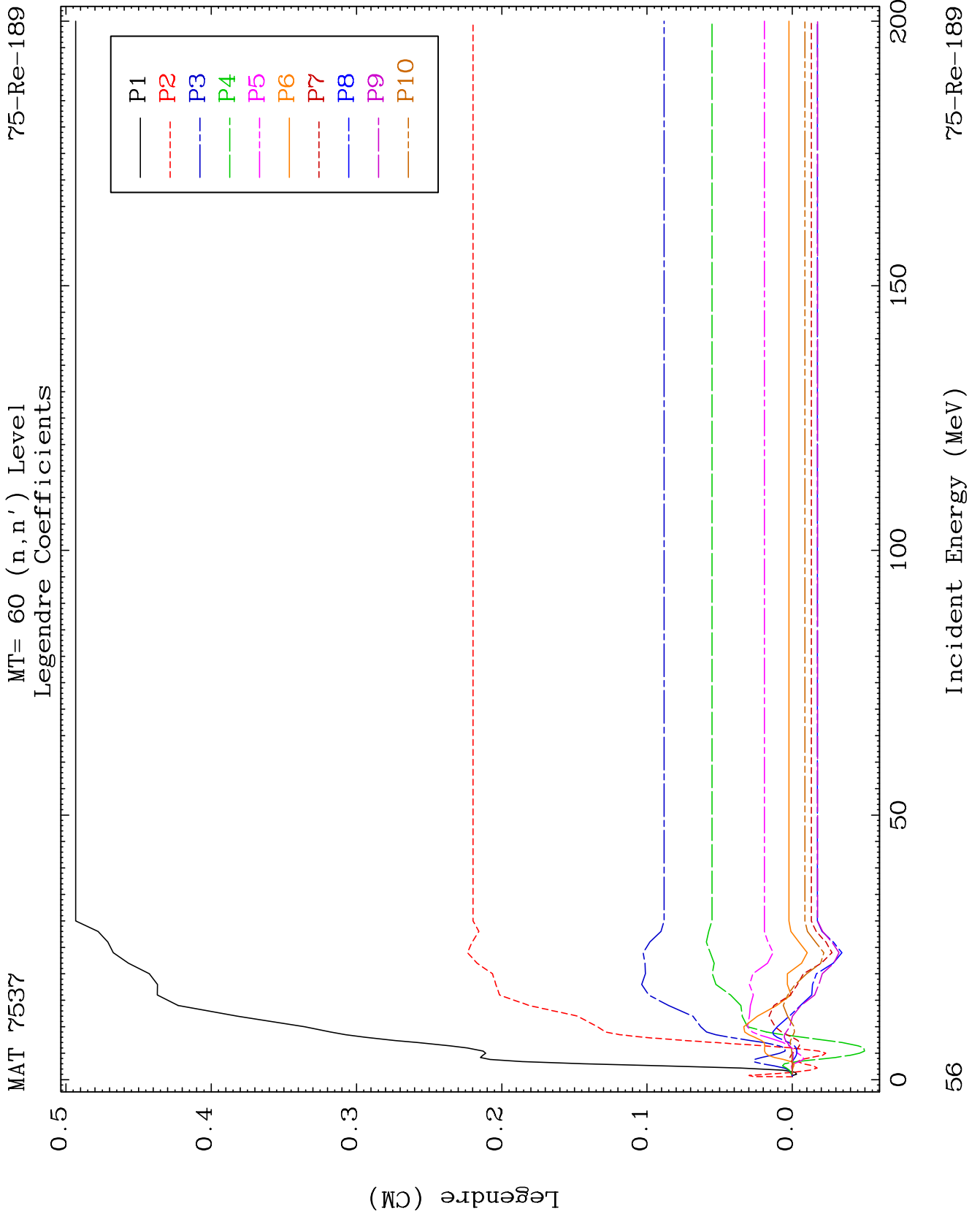
75-Re-189



55

Incident Energy (MeV)

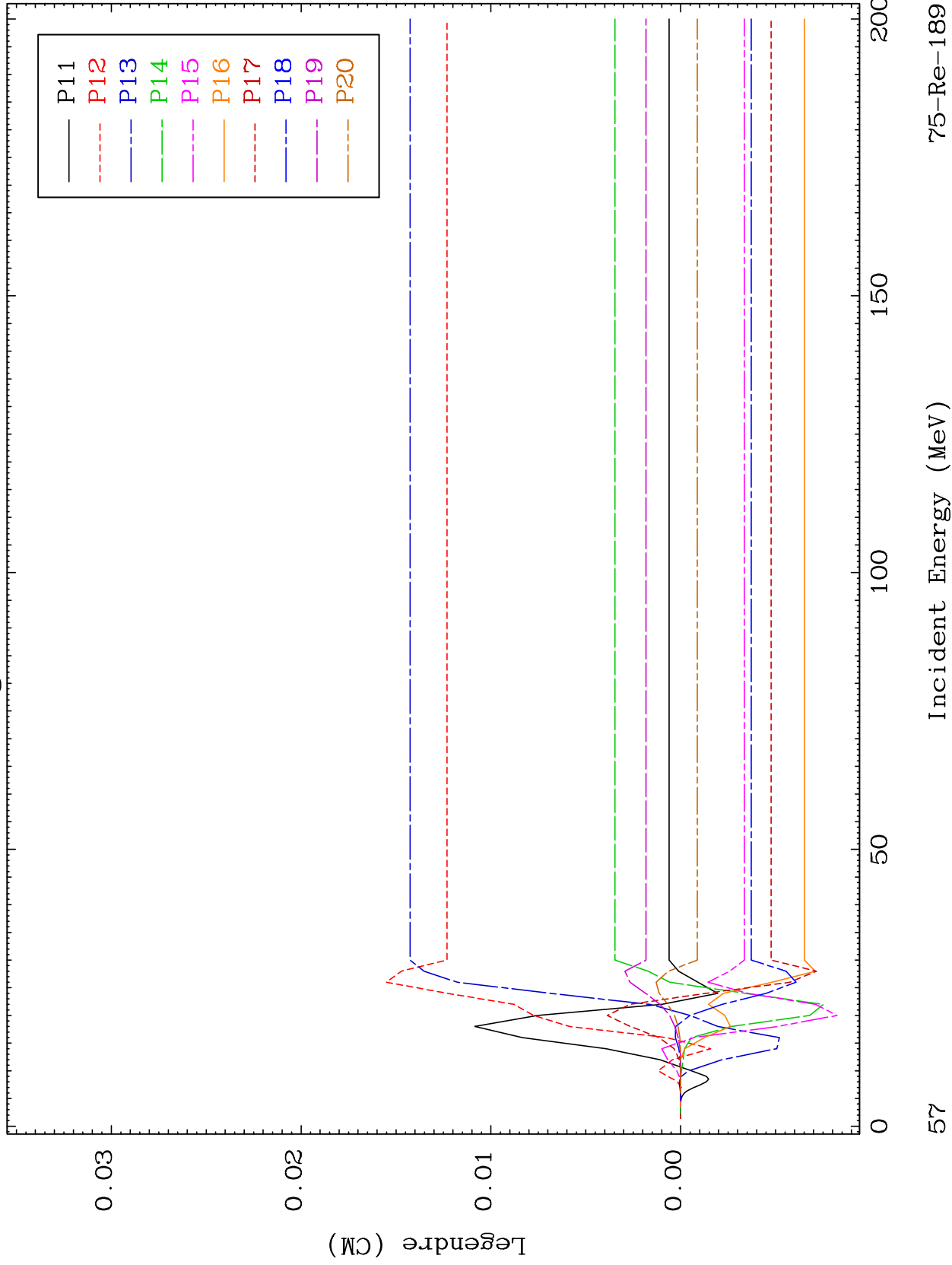
75-Re-189



MAT 7537

MT= 60 (n,n') Level
Legendre Coefficients

75-Re-189



57

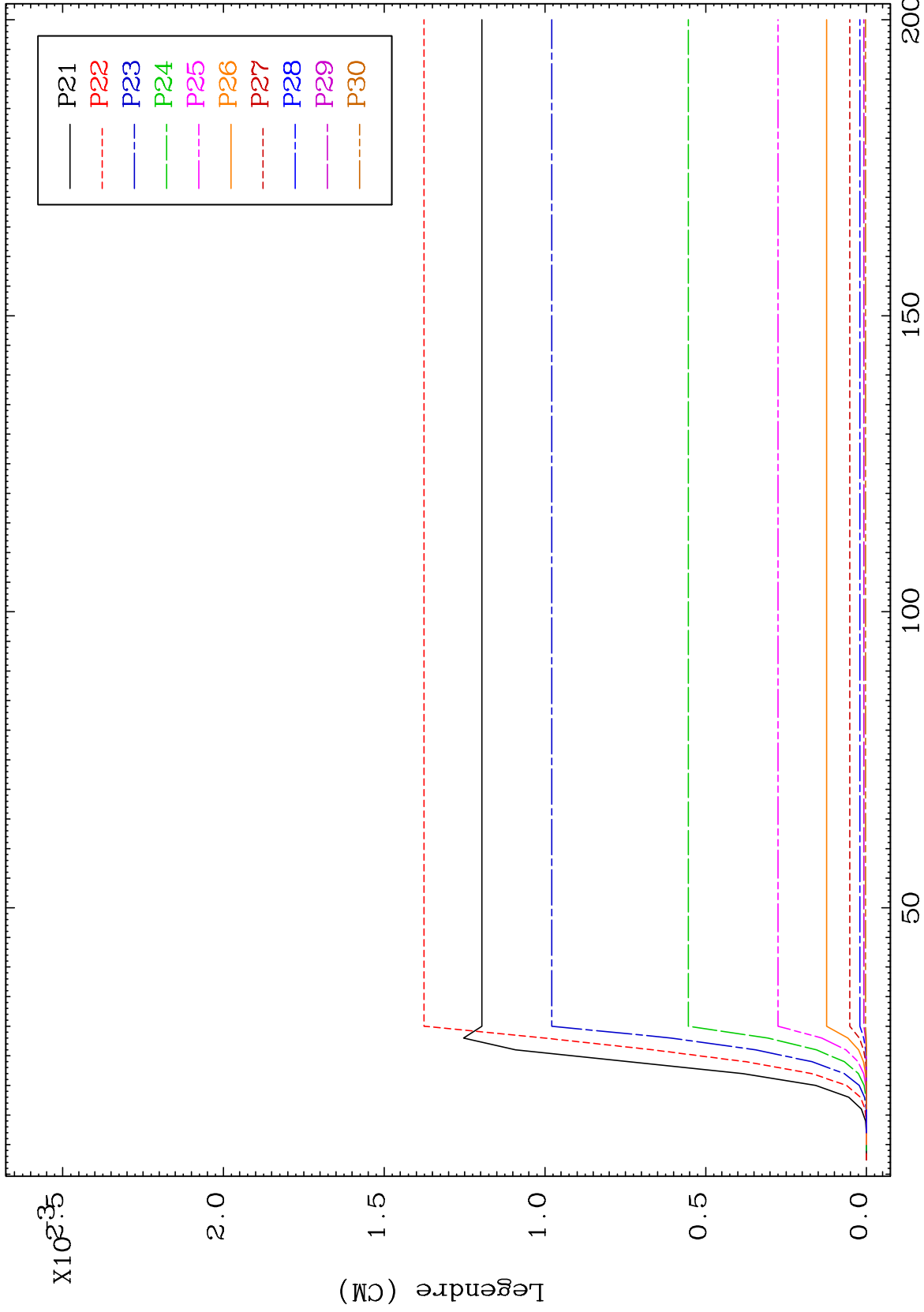
Incident Energy (MeV)

75-Re-189

MAT 7537

MT= 60 (n,n') Level
Legendre Coefficients

75-Re-189



58

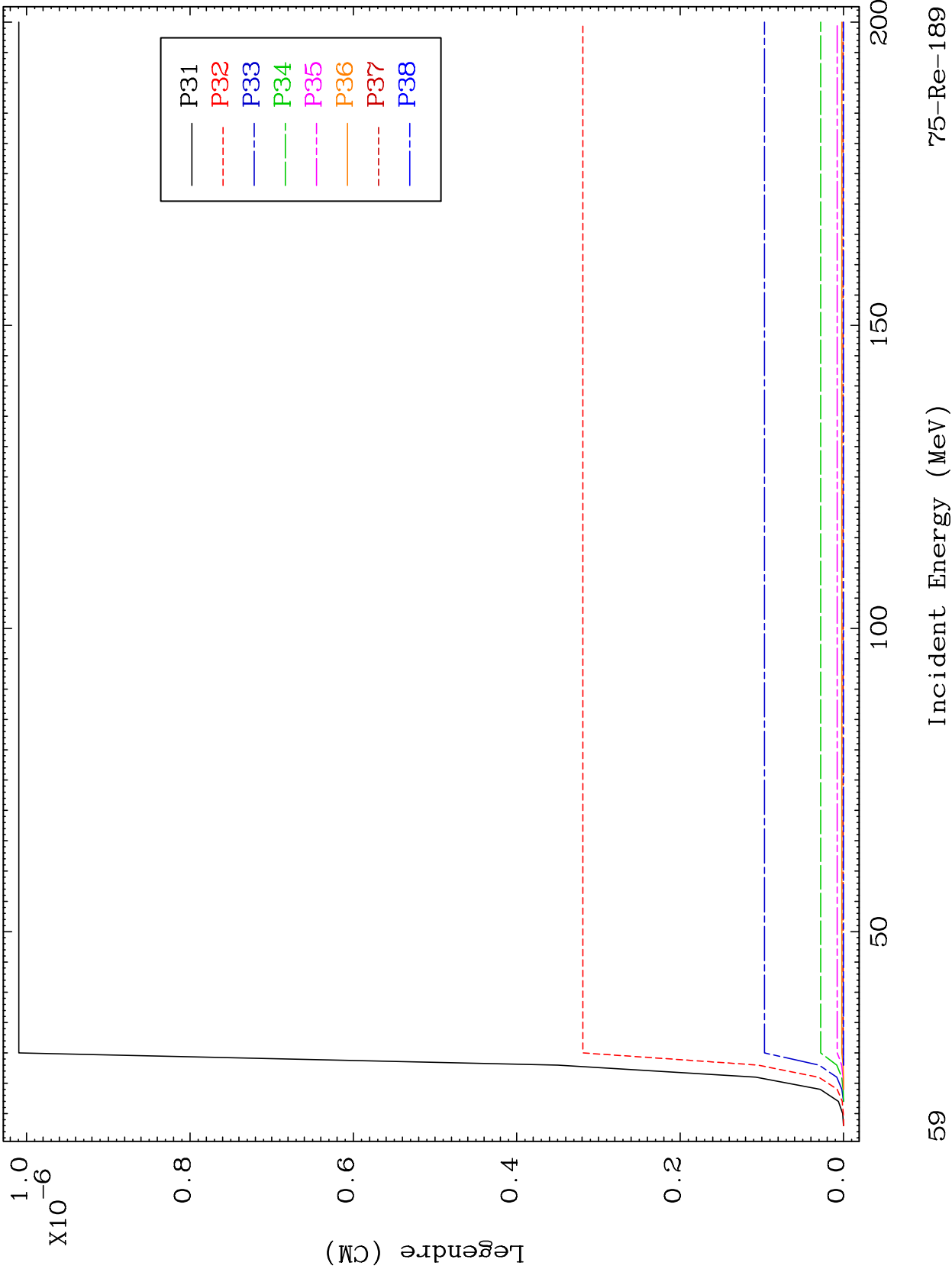
Incident Energy (MeV)

75-Re-189

MAT 7537

MT= 60 (n,n') Level
Legendre Coefficients

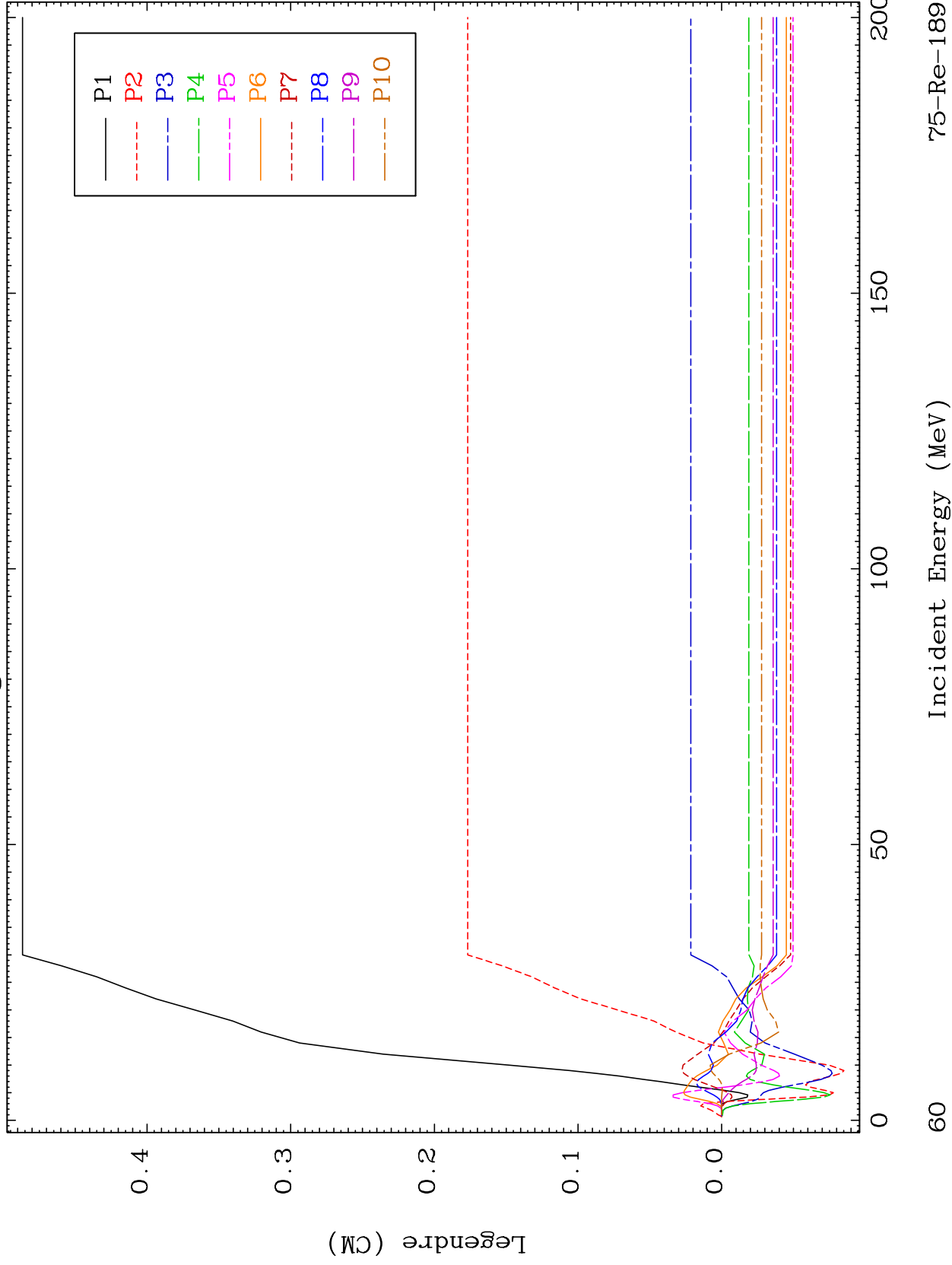
75-Re-189



MAT 7537

MT= 61 (n,n') Level
Legendre Coefficients

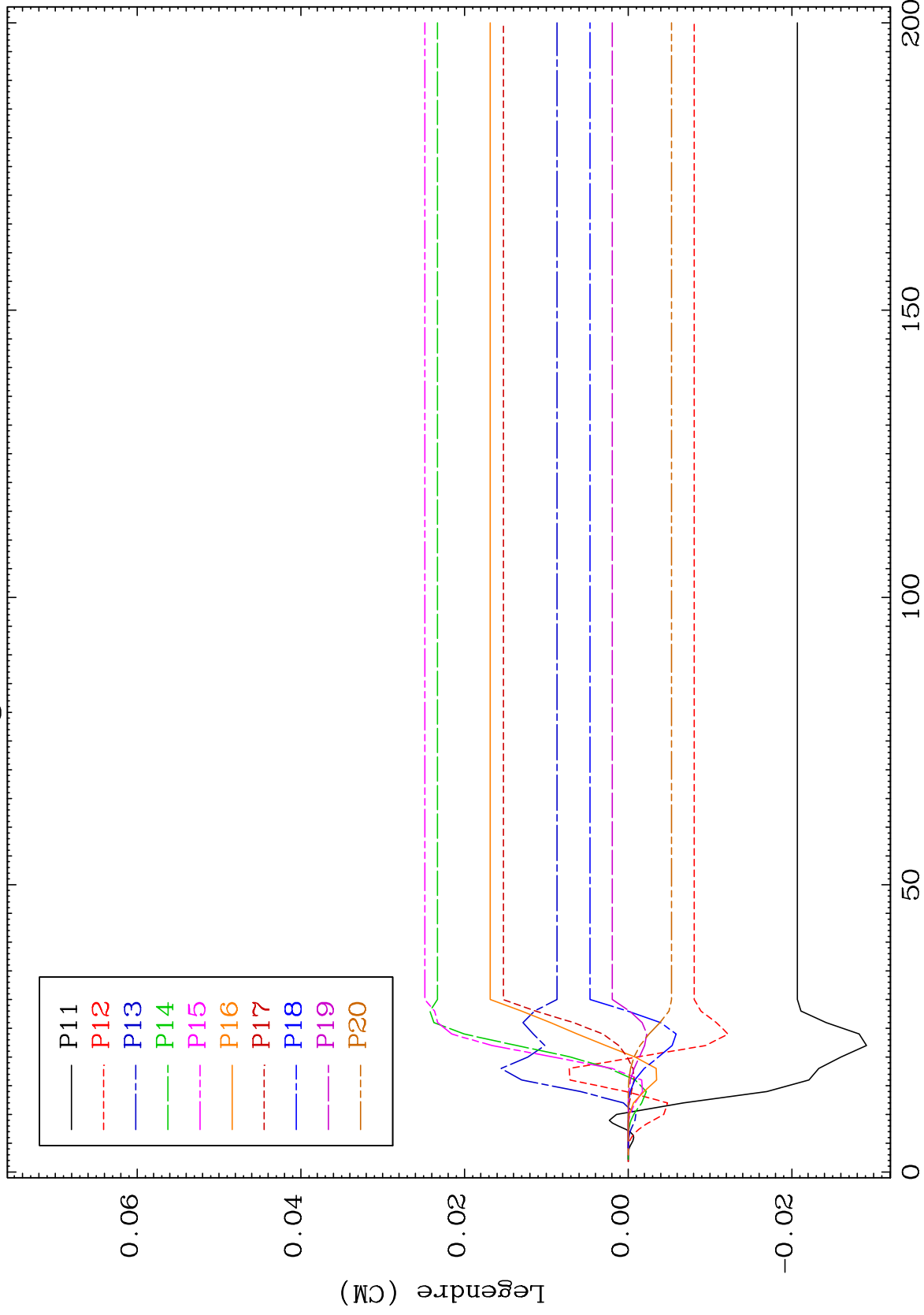
75-Re-189



MAT 7537

MT= 61 (n,n') Level
Legendre Coefficients

75-Re-189



61

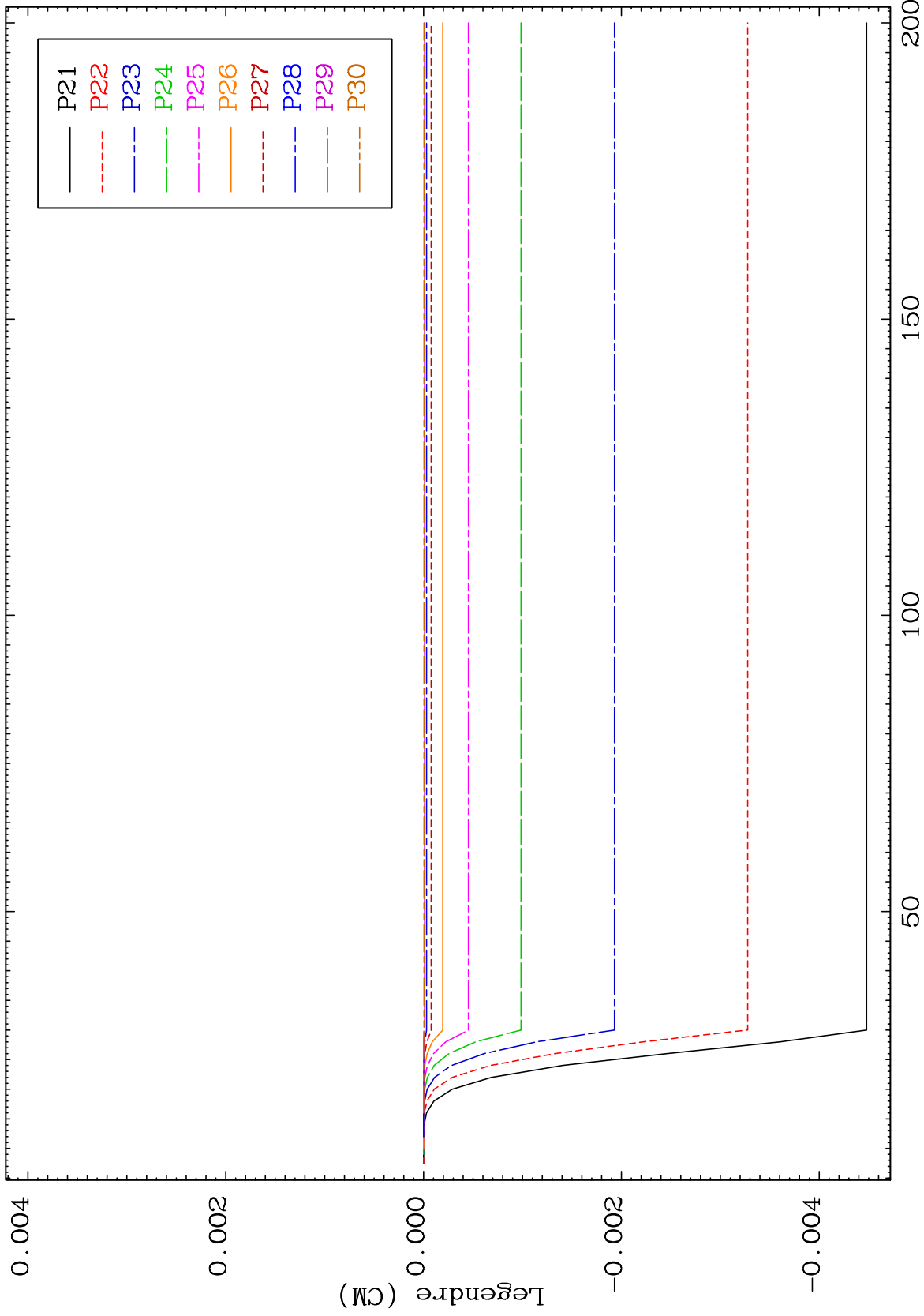
Incident Energy (MeV)

75-Re-189

MAT 7537

MT= 61 (n,n') Level
Legendre Coefficients

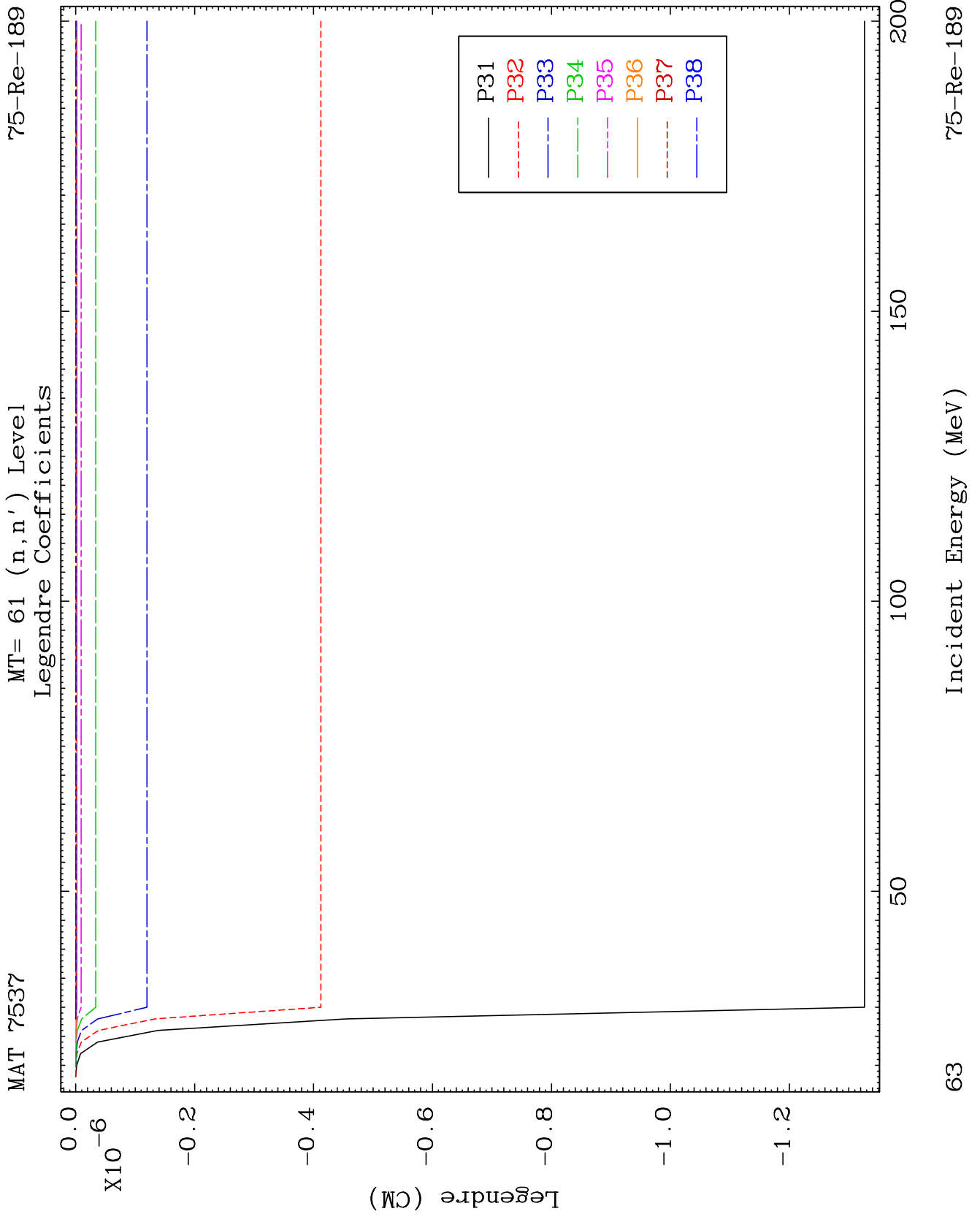
75-Re-189



62

Incident Energy (MeV)

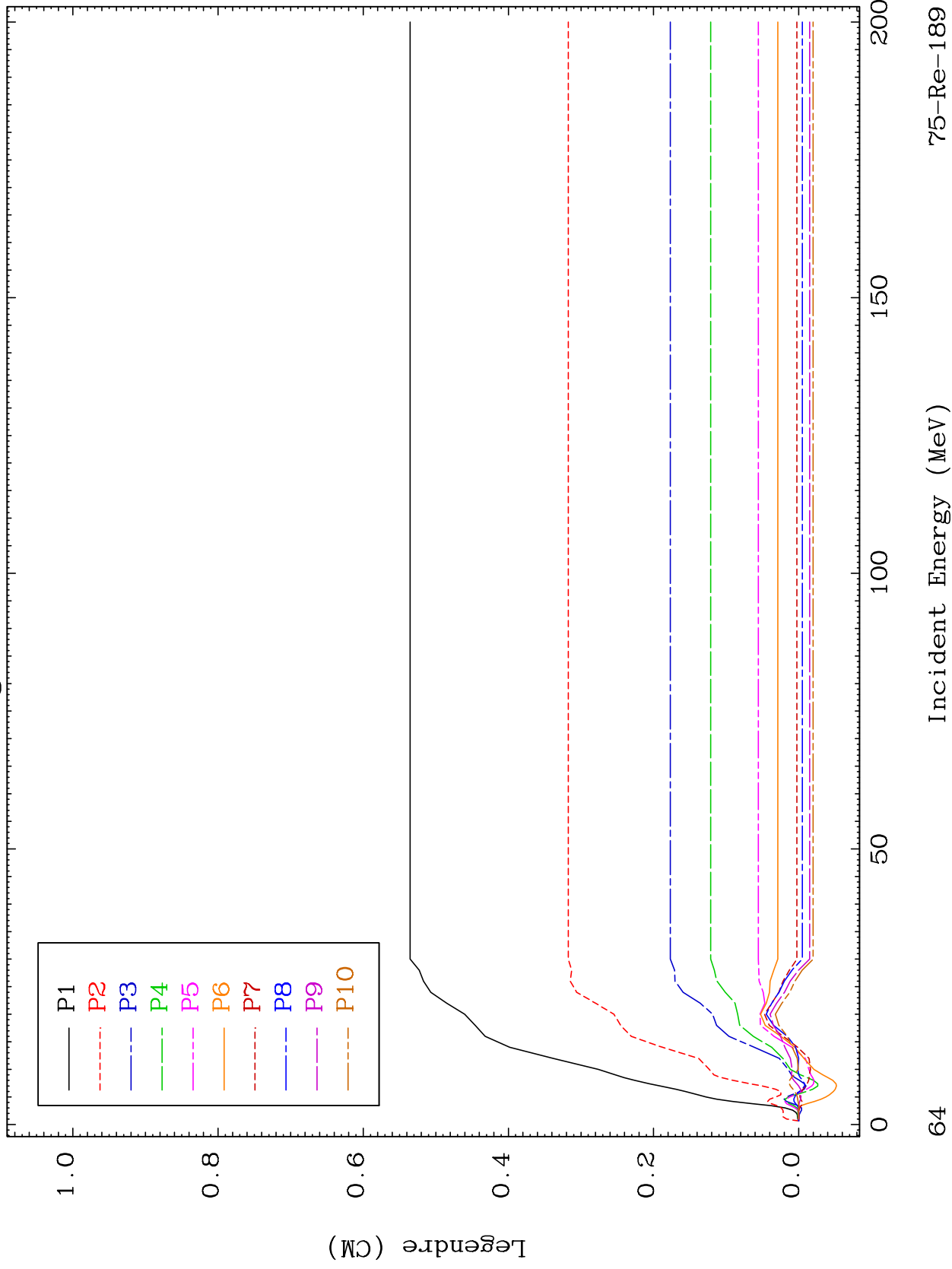
75-Re-189



MAT 7537

MT= 62 (n,n') Level
Legendre Coefficients

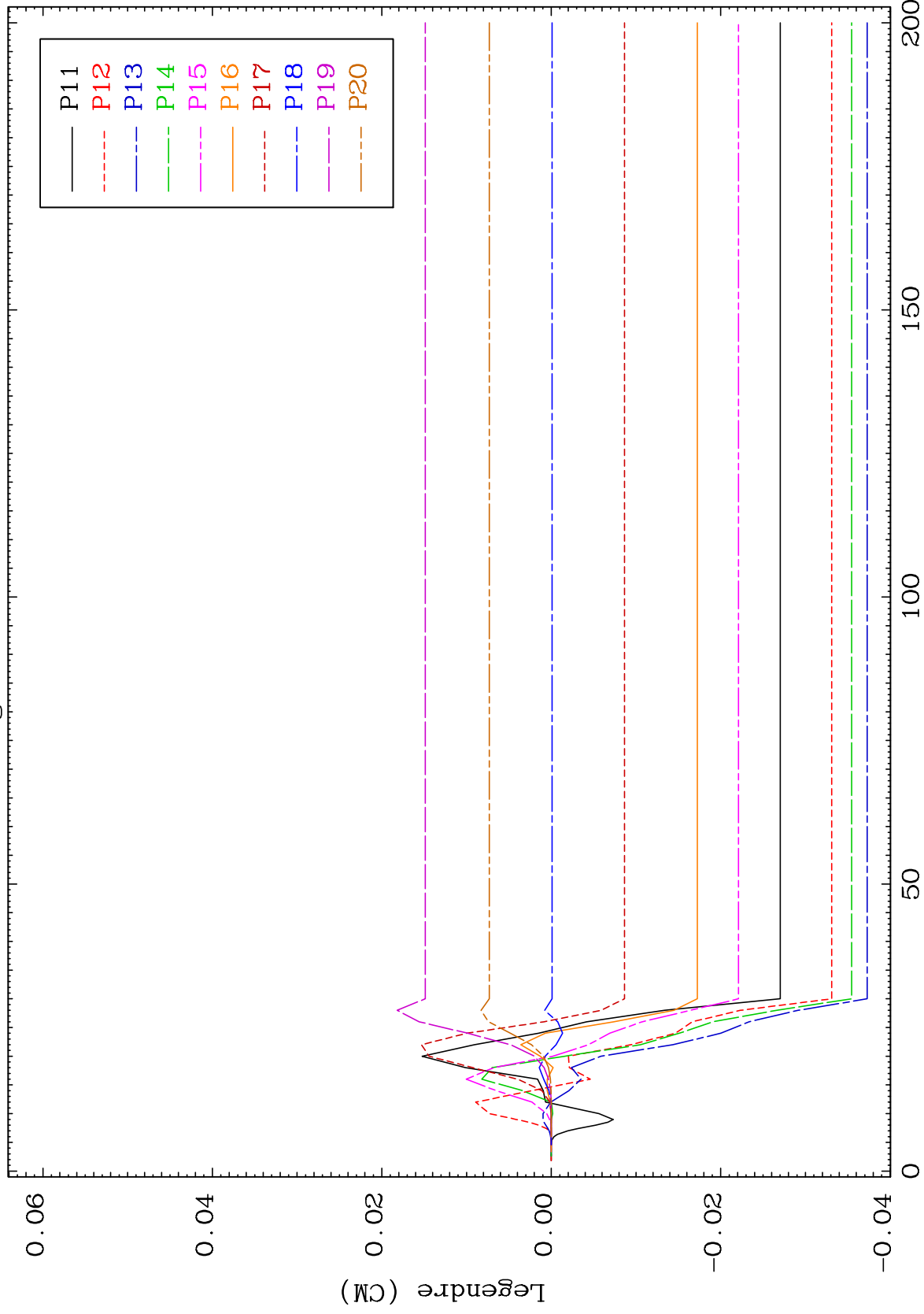
75-Re-189



MAT 7537

MT= 62 (n,n') Level
Legendre Coefficients

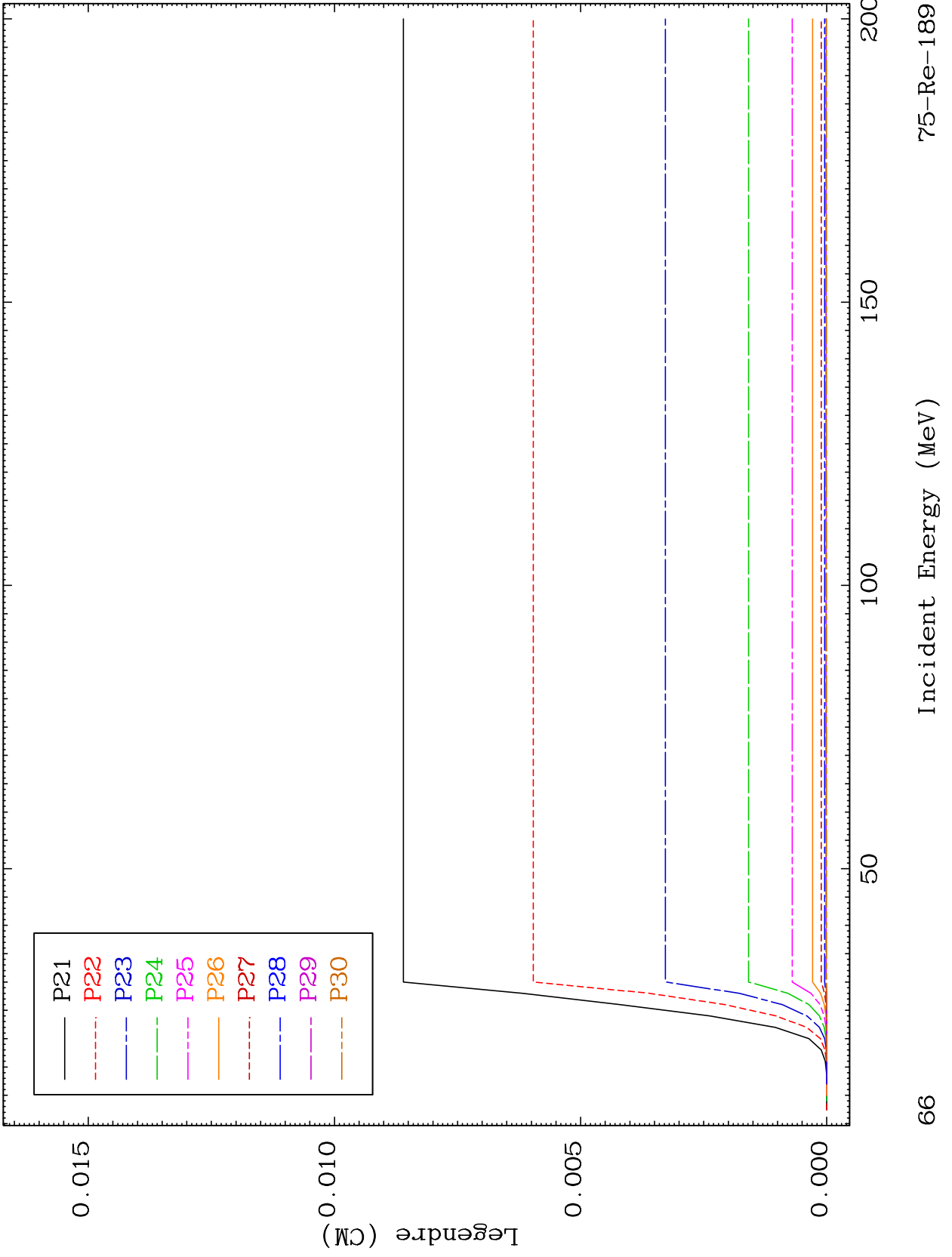
75-Re-189



65

Incident Energy (MeV)

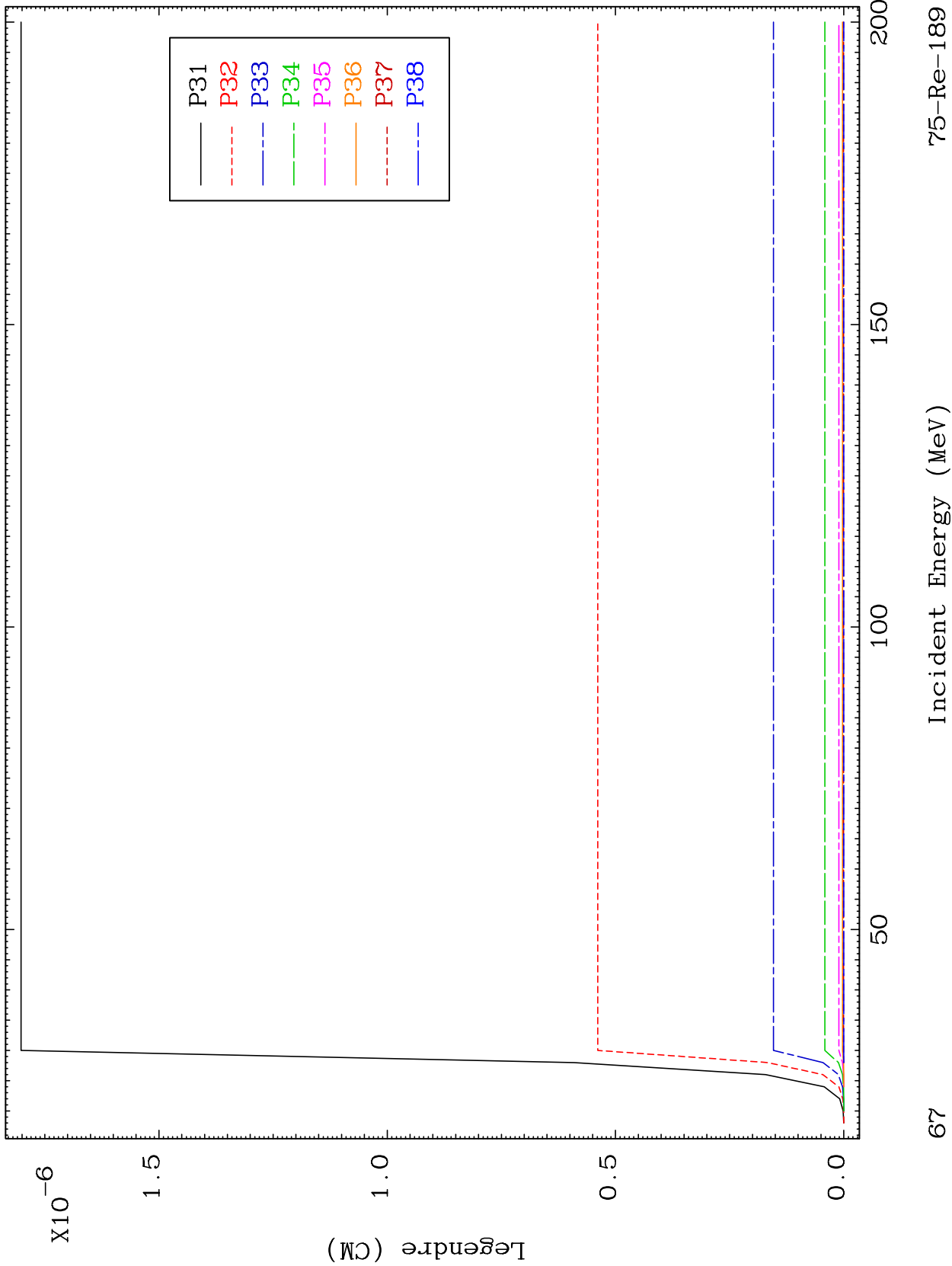
75-Re-189



MAT 7537

MT= 62 (n,n') Level
Legendre Coefficients

75-Re-189



67

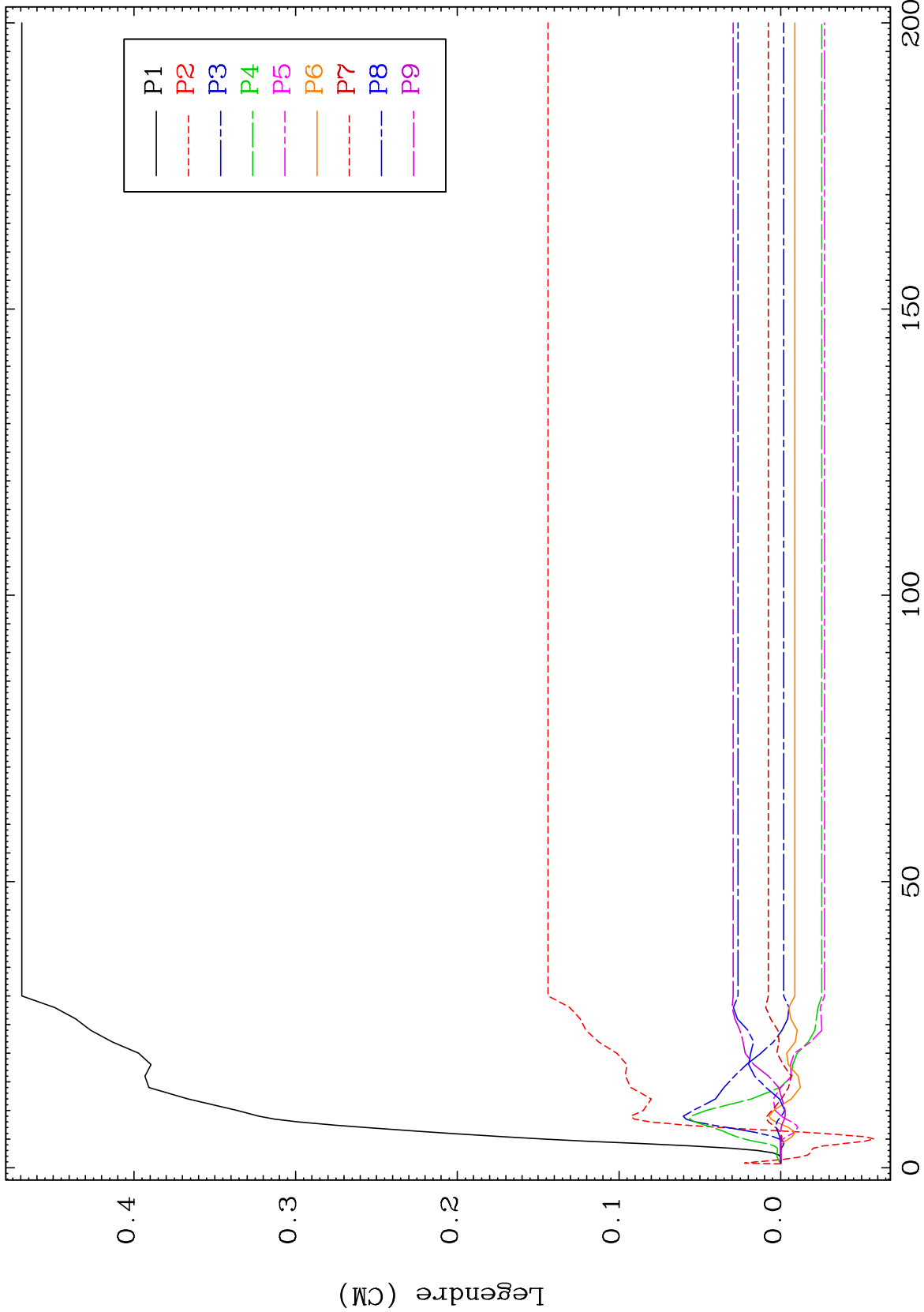
Incident Energy (MeV)

75-Re-189

MAT 7537

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

75-Re-189



68

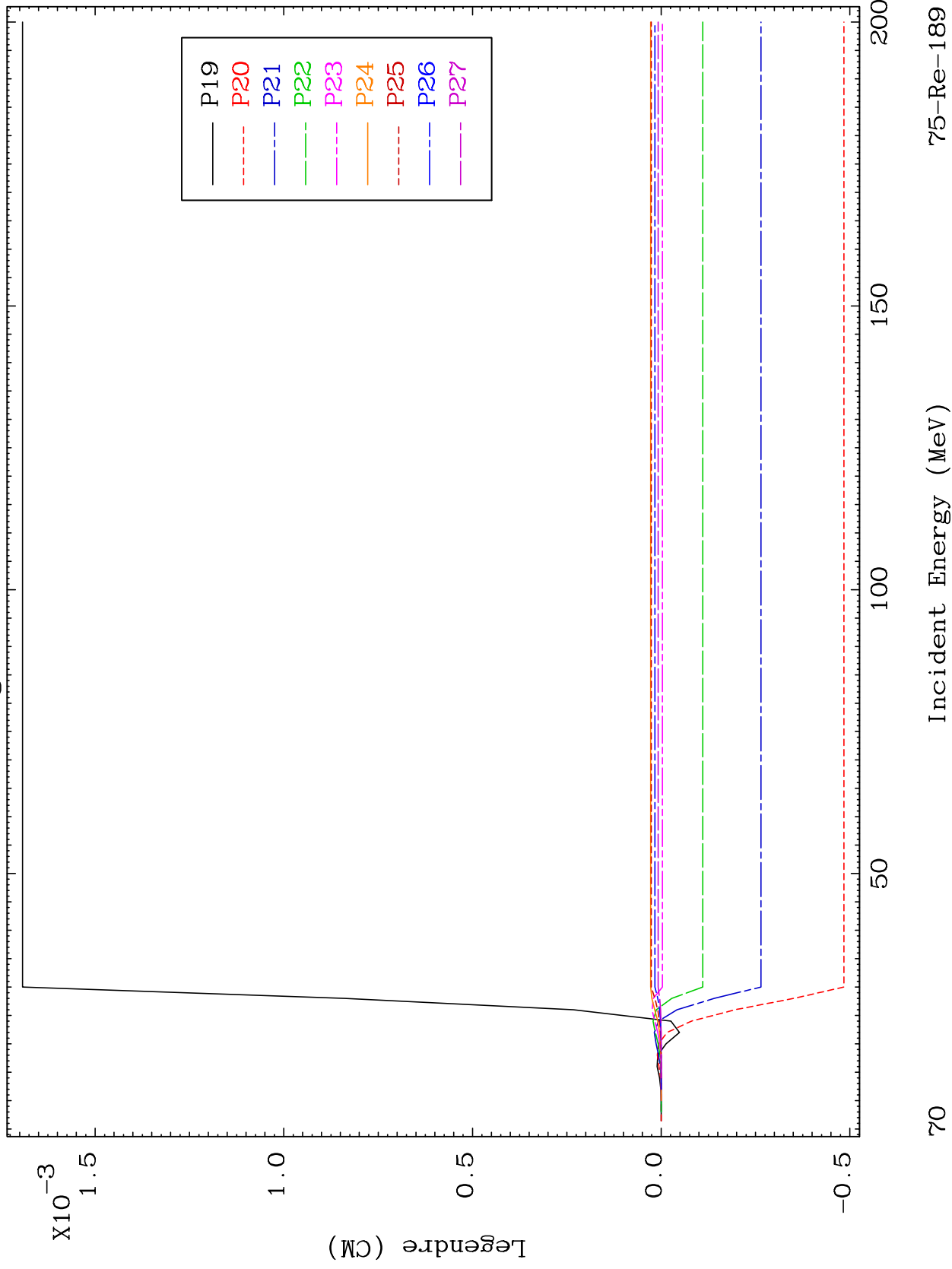
Incident Energy (MeV)

75-Re-189

MAT 7537

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

75-Re-189



70

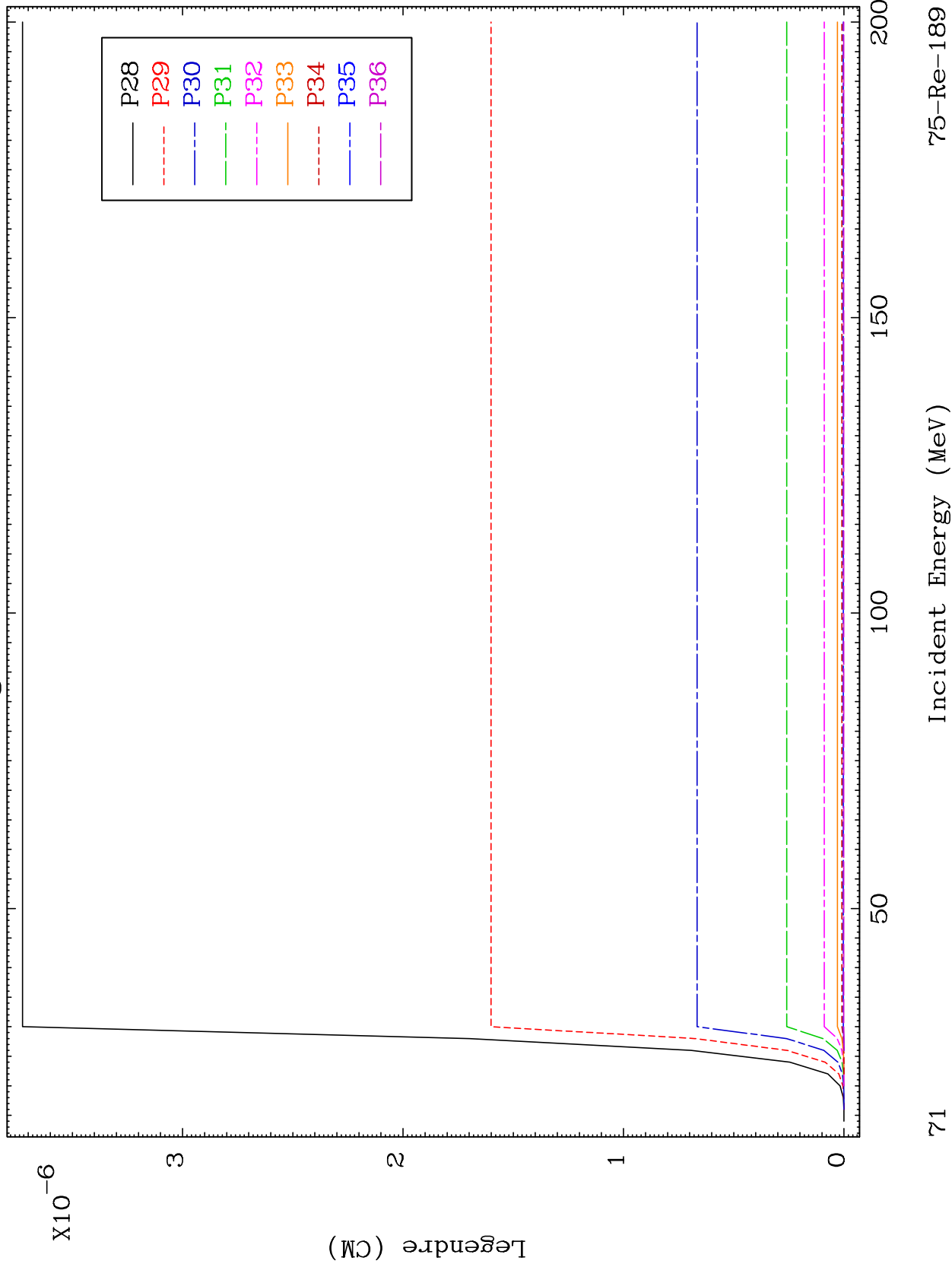
Incident Energy (MeV)

75-Re-189

MAT 7537

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

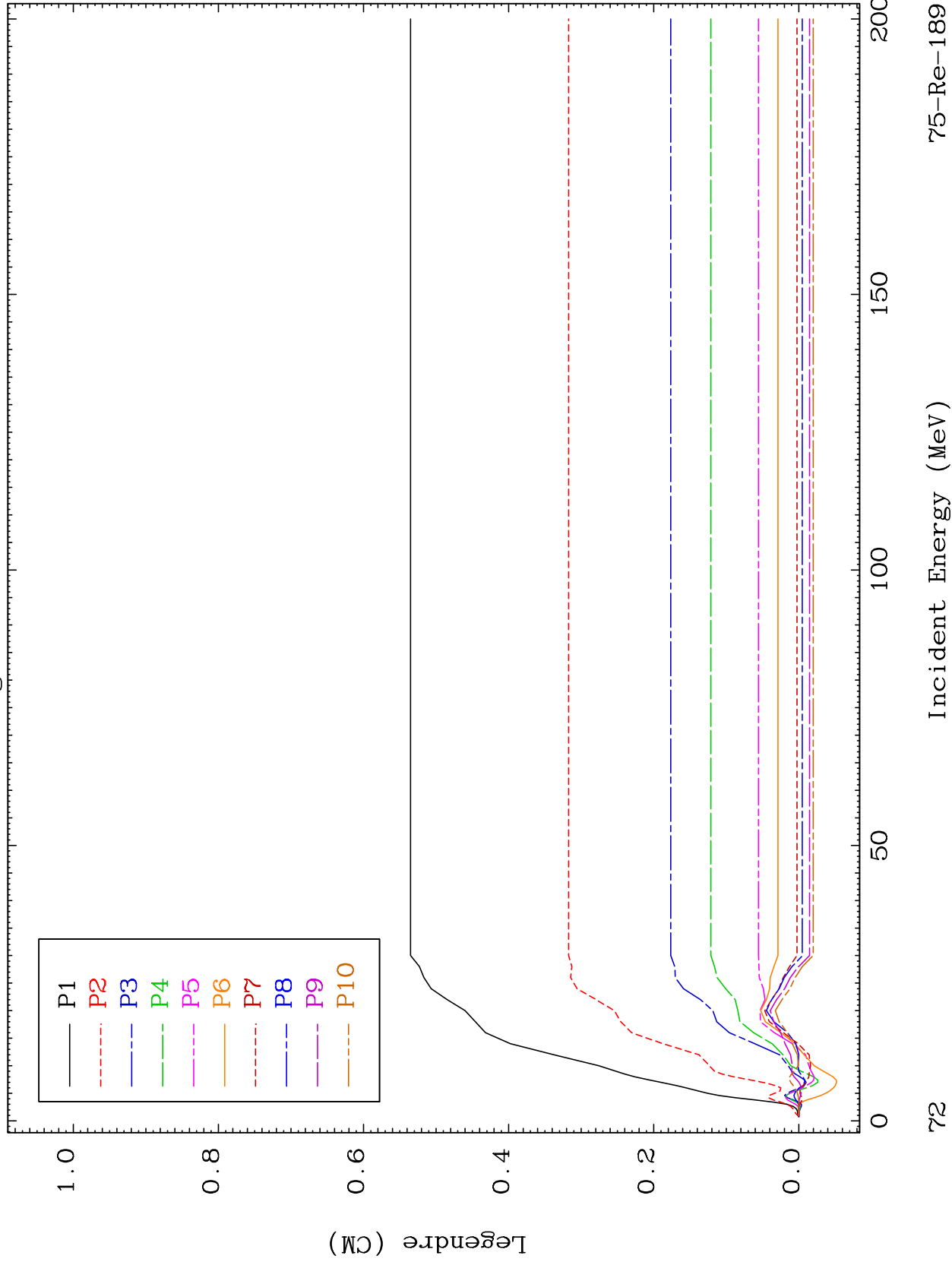
75-Re-189



MAT 7537

MT= 64 (n,n') Level
Legendre Coefficients

75-Re-189



75-Re-189

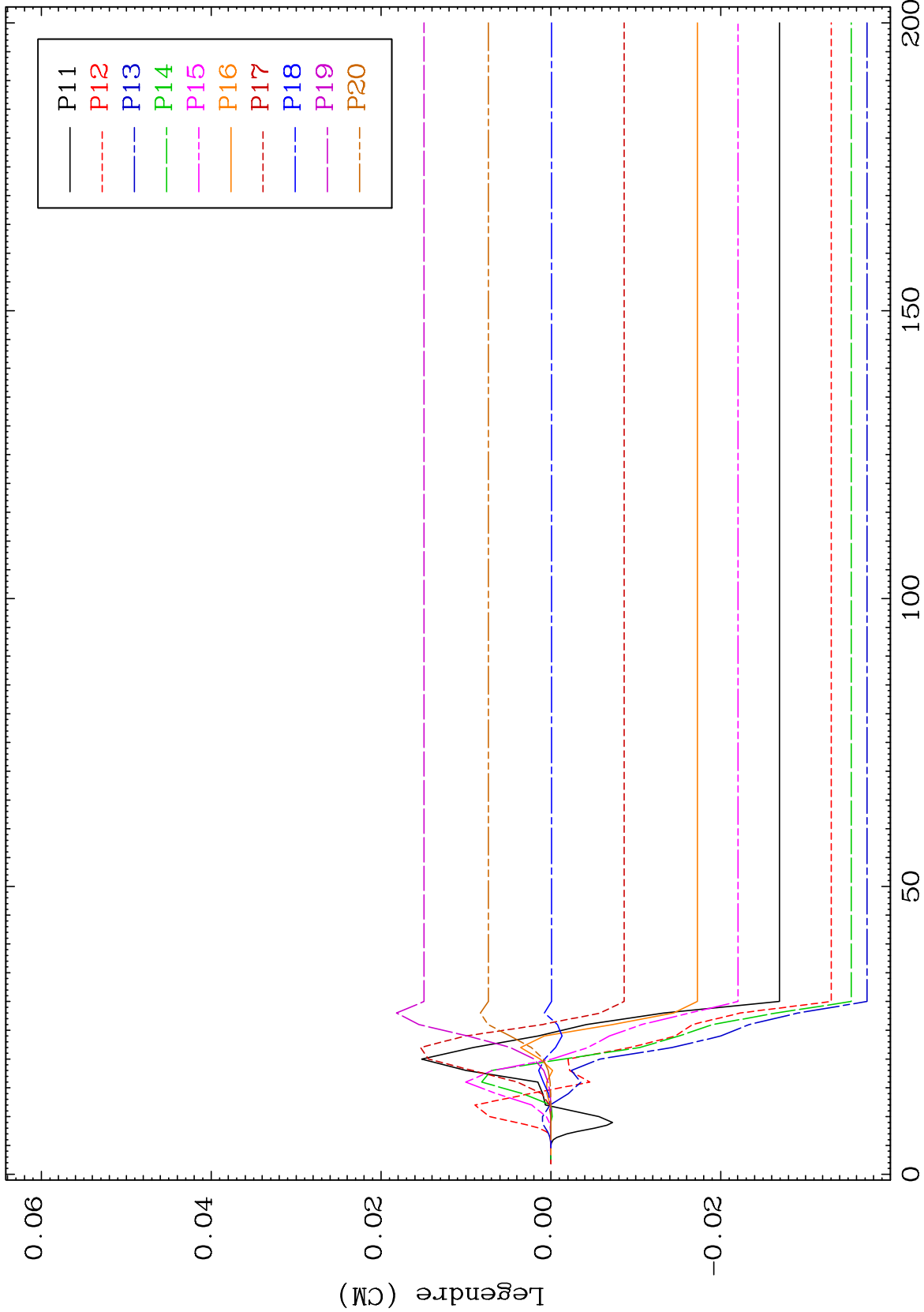
Incident Energy (MeV)

72

MAT 7537

MT= 64 (n,n') Level
Legendre Coefficients

75-Re-189



73

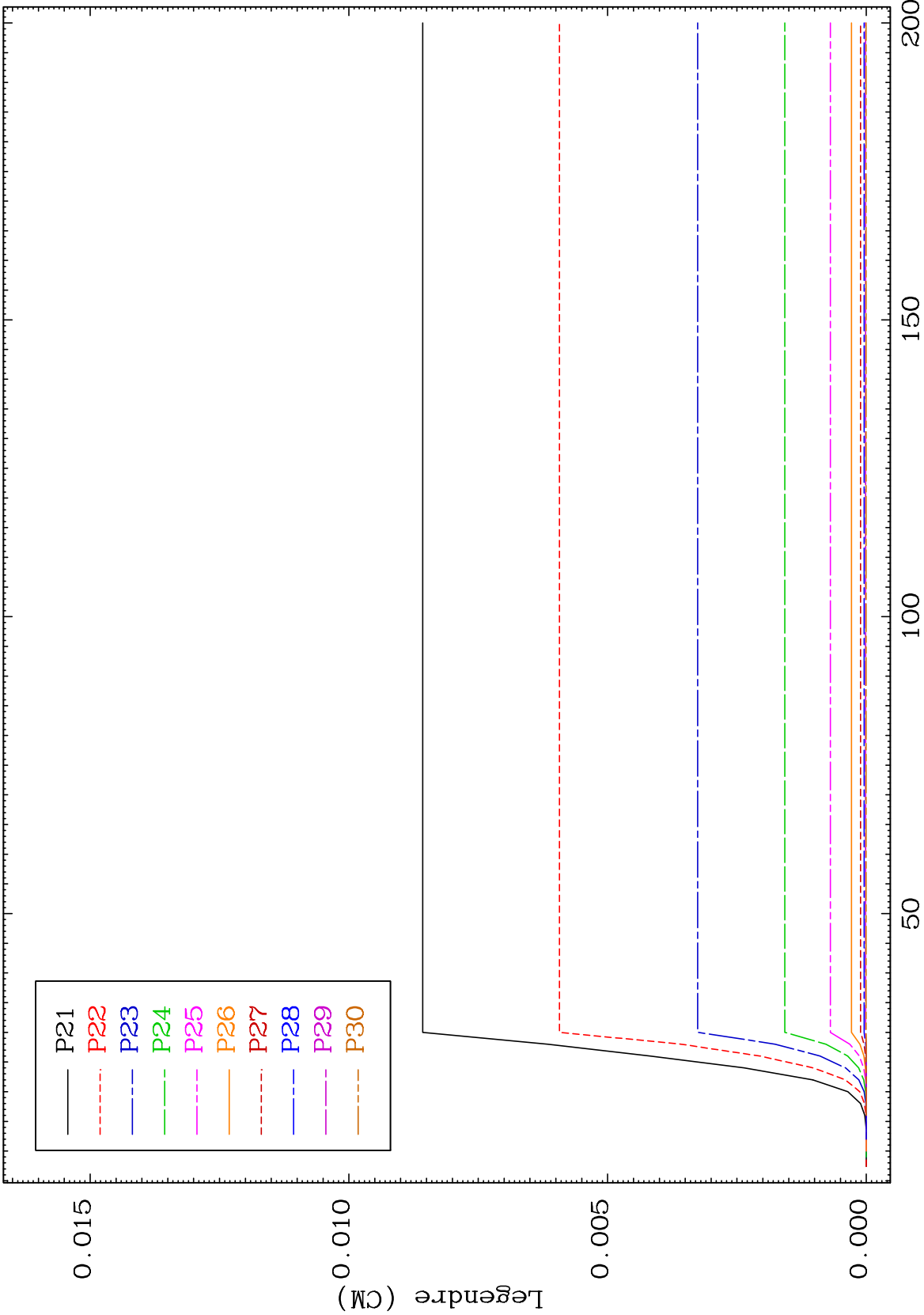
Incident Energy (MeV)

75-Re-189

MAT 7537

MT= 64 (n,n') Level
Legendre Coefficients

75-Re-189



74

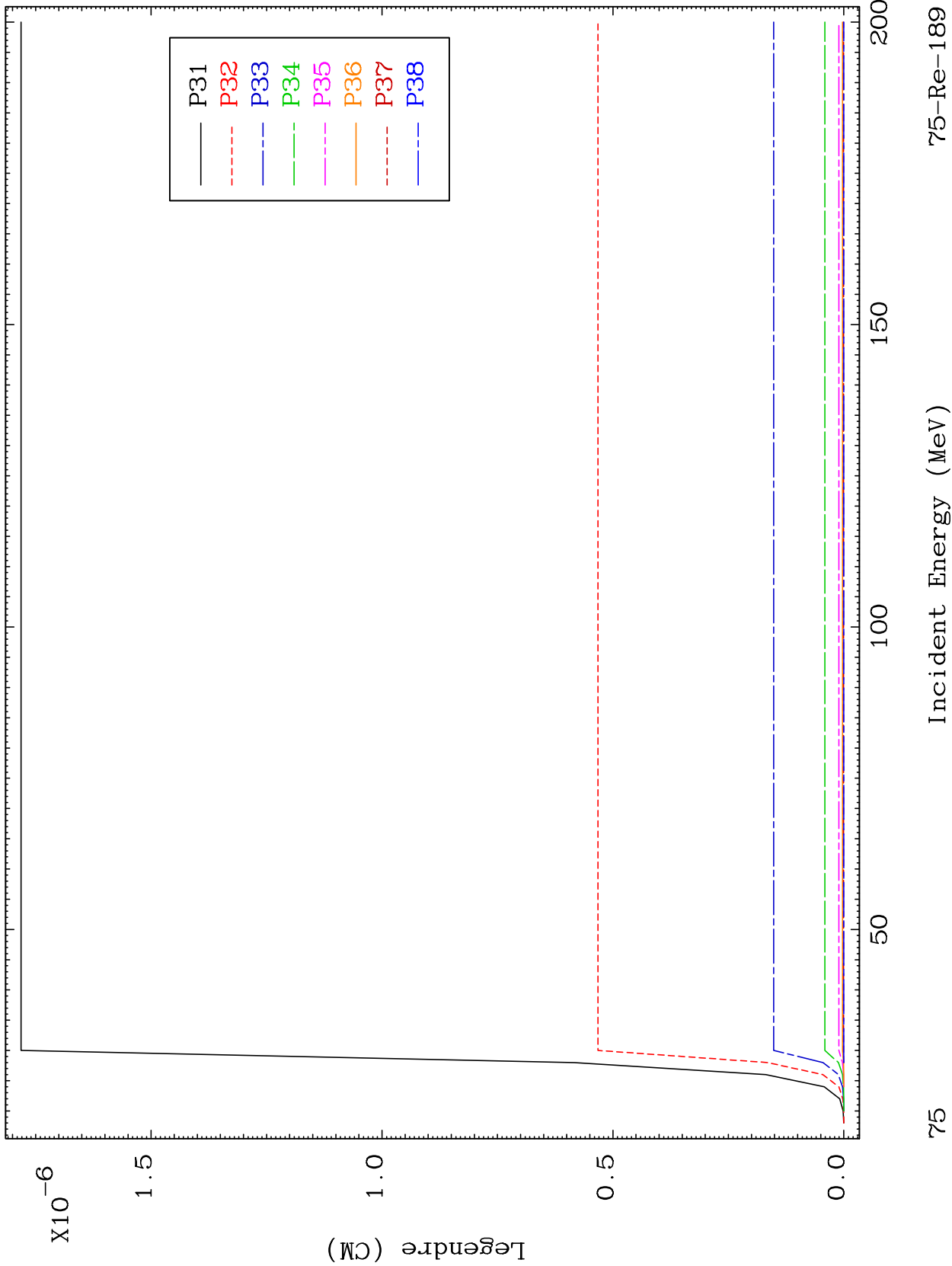
Incident Energy (MeV)

75-Re-189

MAT 7537

MT= 64 (n,n') Level
Legendre Coefficients

75-Re-189



75

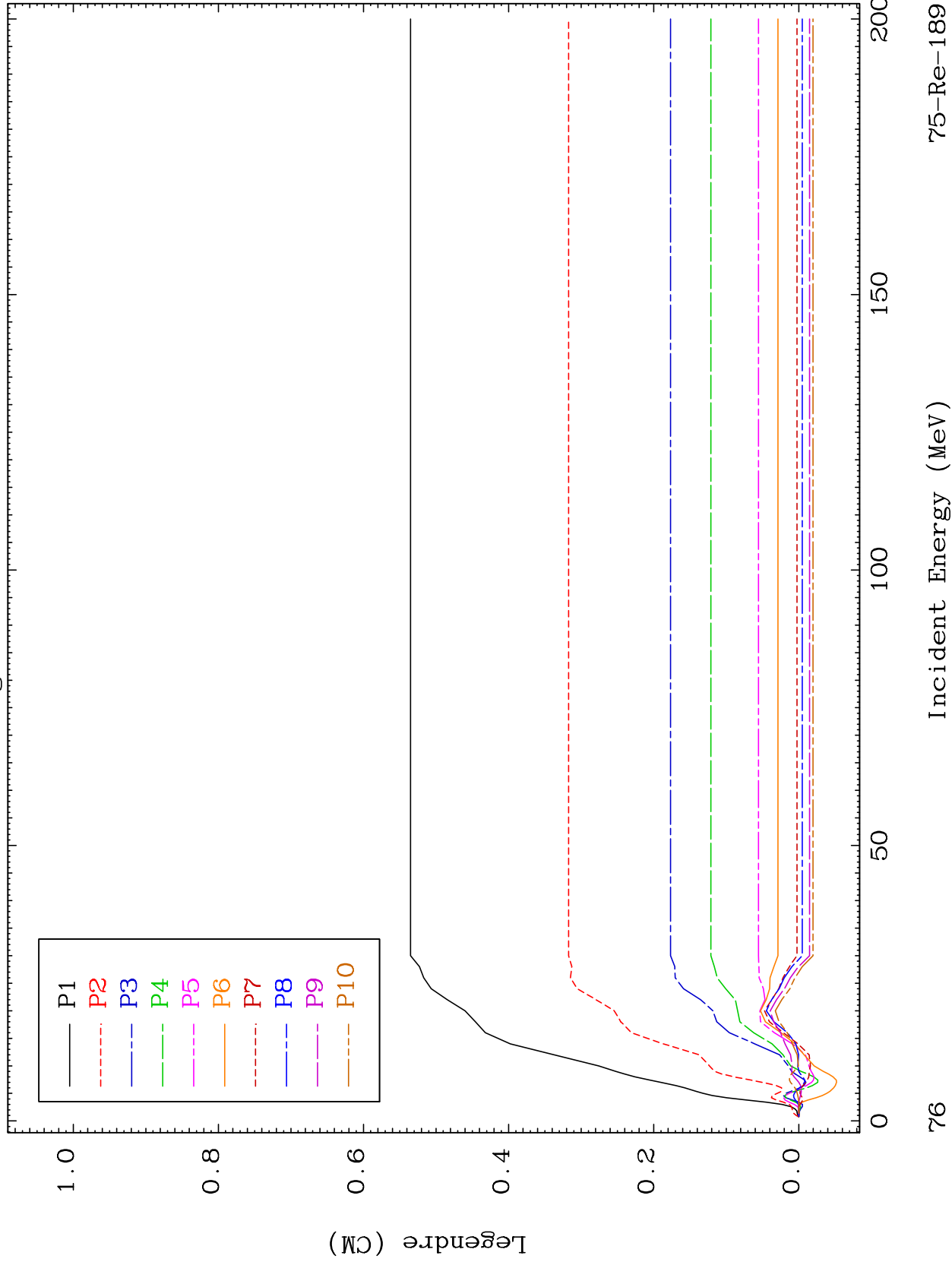
Incident Energy (MeV)

75-Re-189

MAT 7537

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

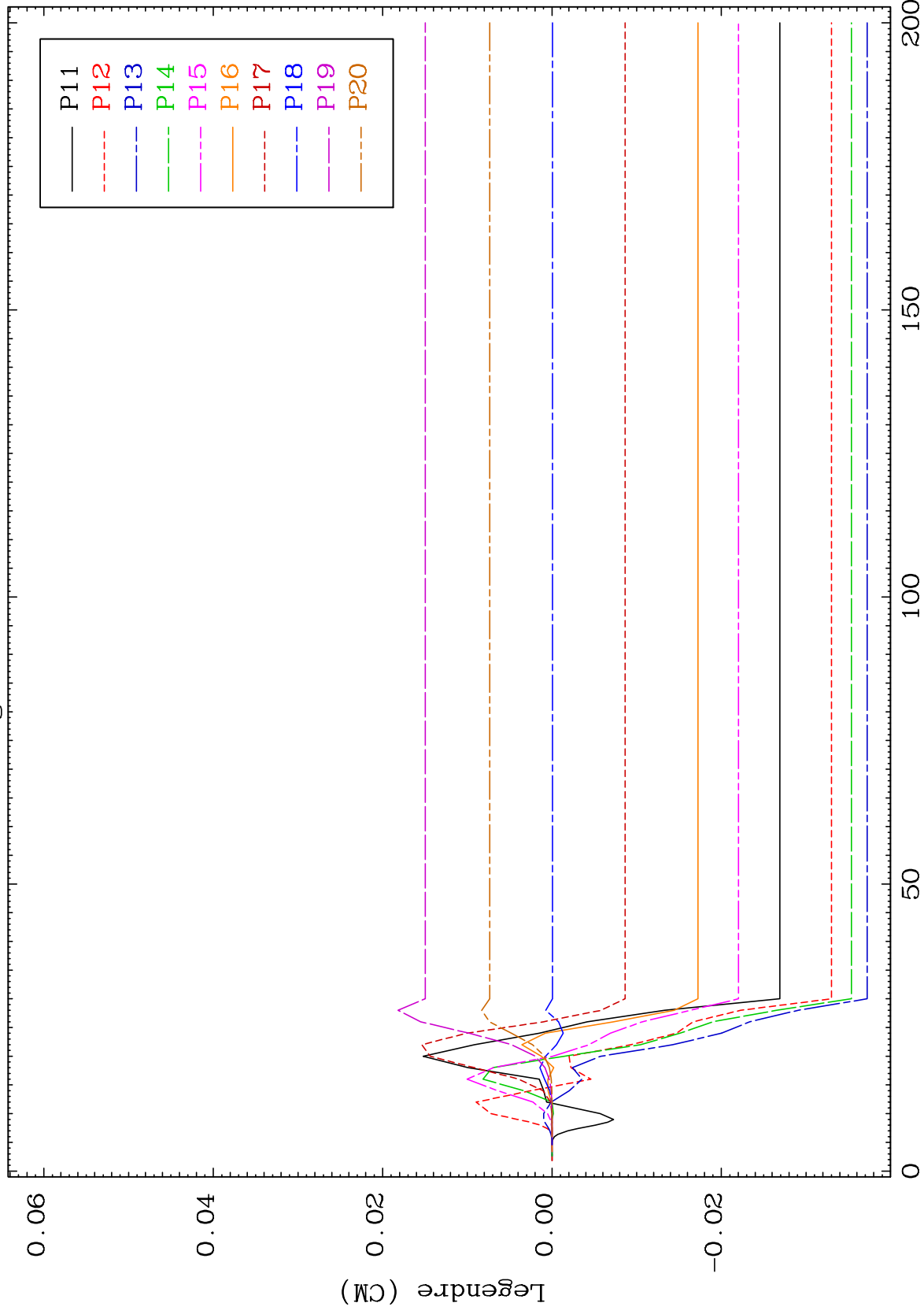
75-Re-189



MAT 7537

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

75-Re-189



77

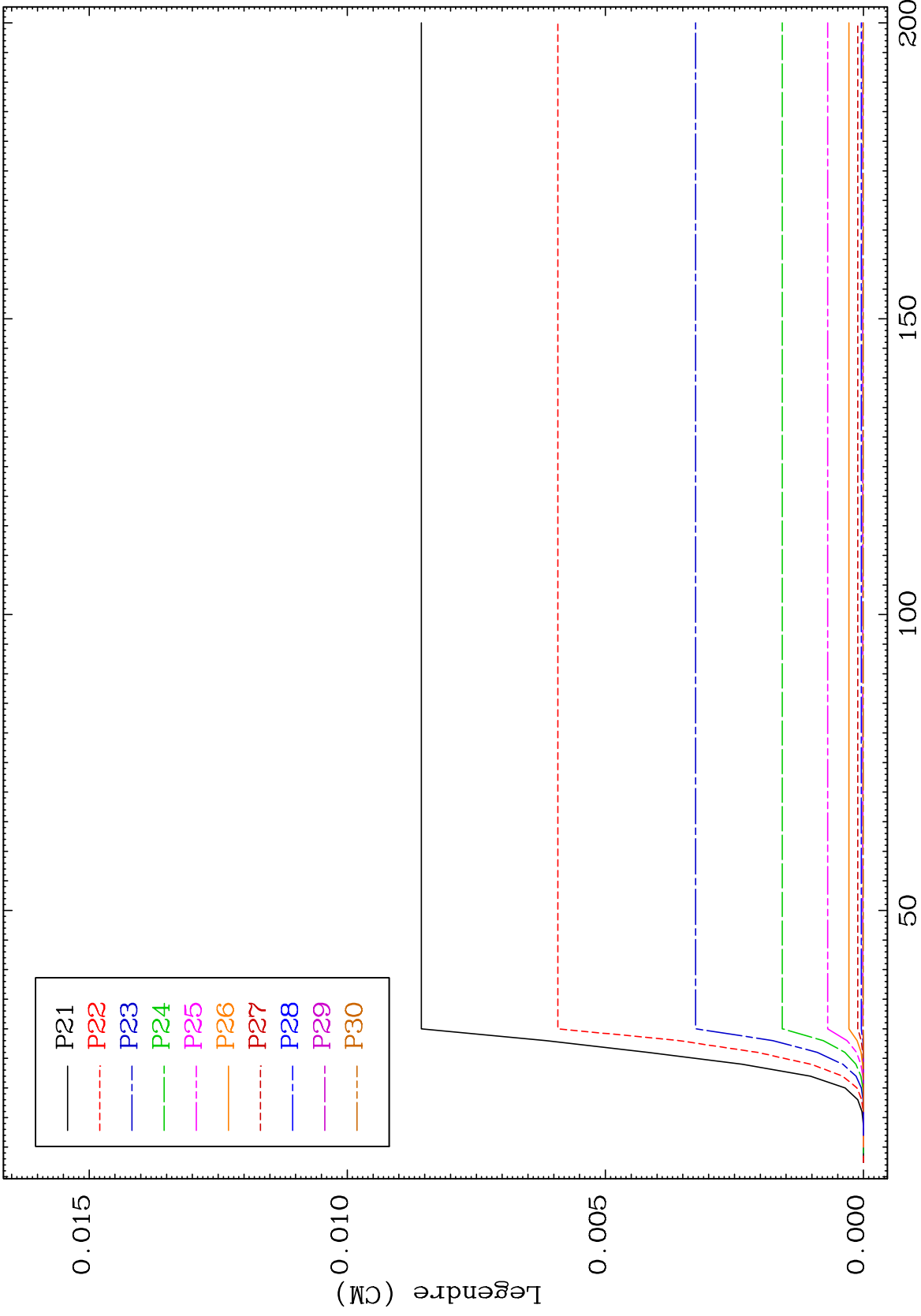
Incident Energy (MeV)

75-Re-189

MAT 7537

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

75-Re-189



78

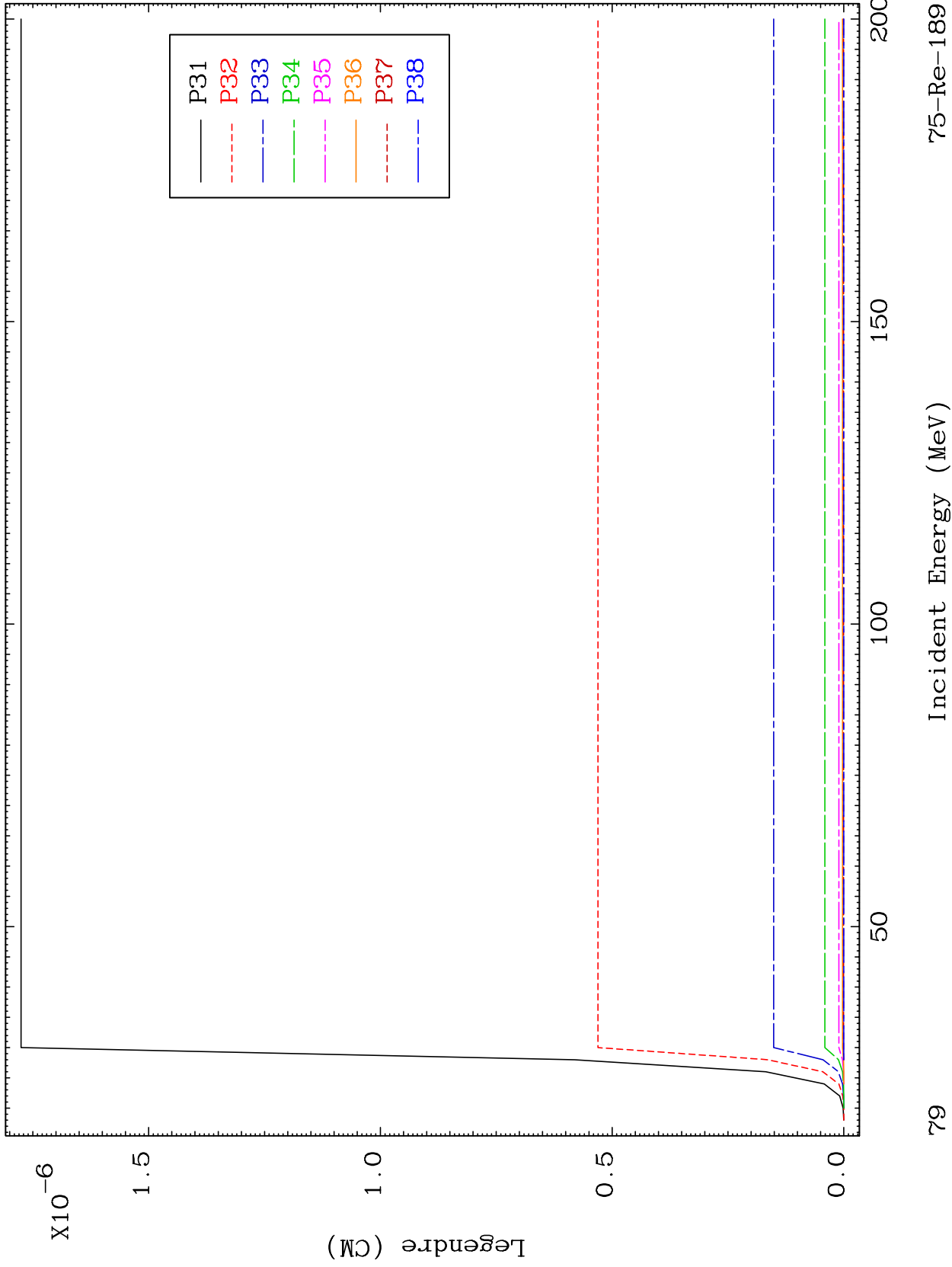
Incident Energy (MeV)

75-Re-189

MAT 7537

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

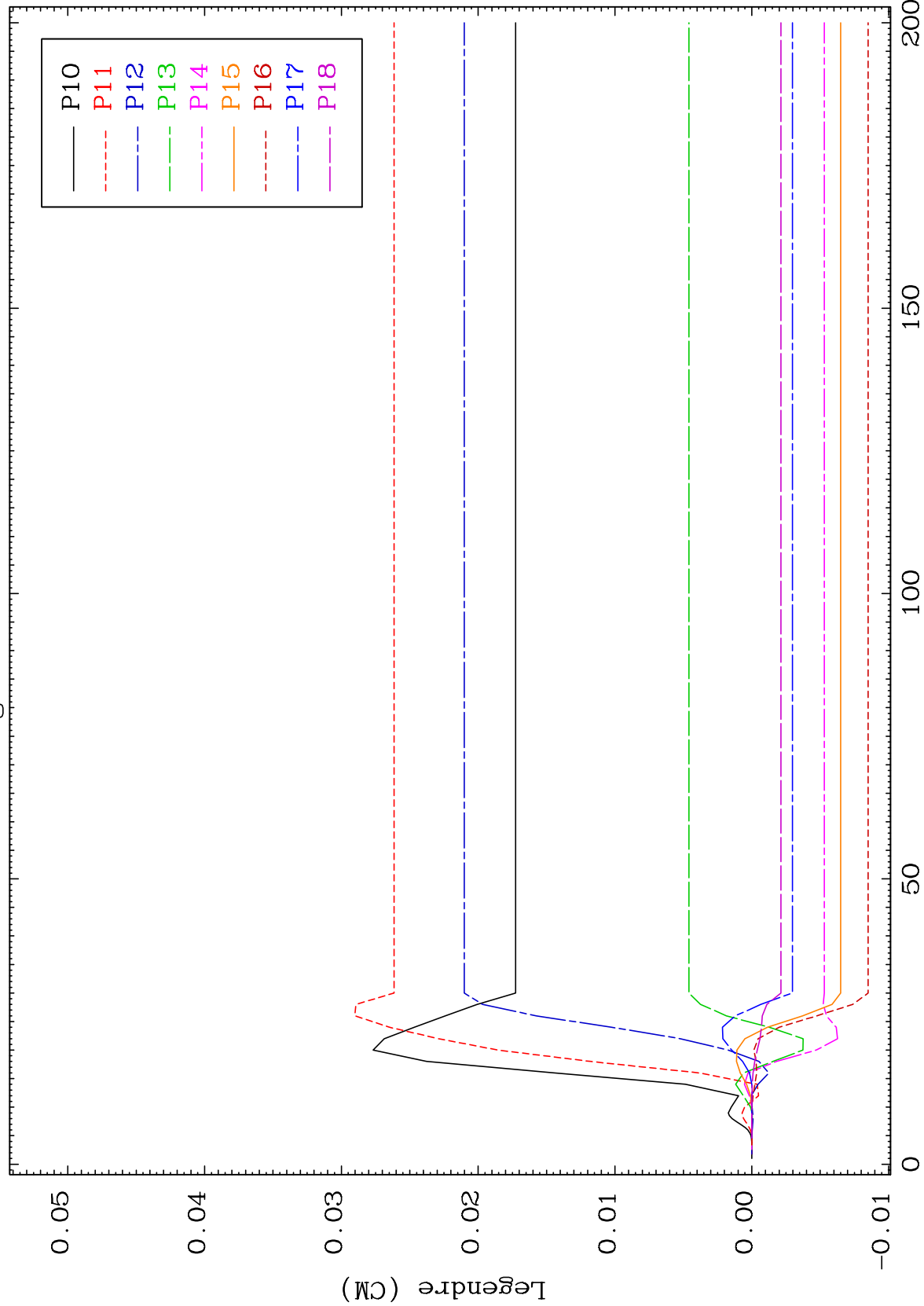
75-Re-189



MAT 7537

MT= 66 (n,n') Level
Legendre Coefficients

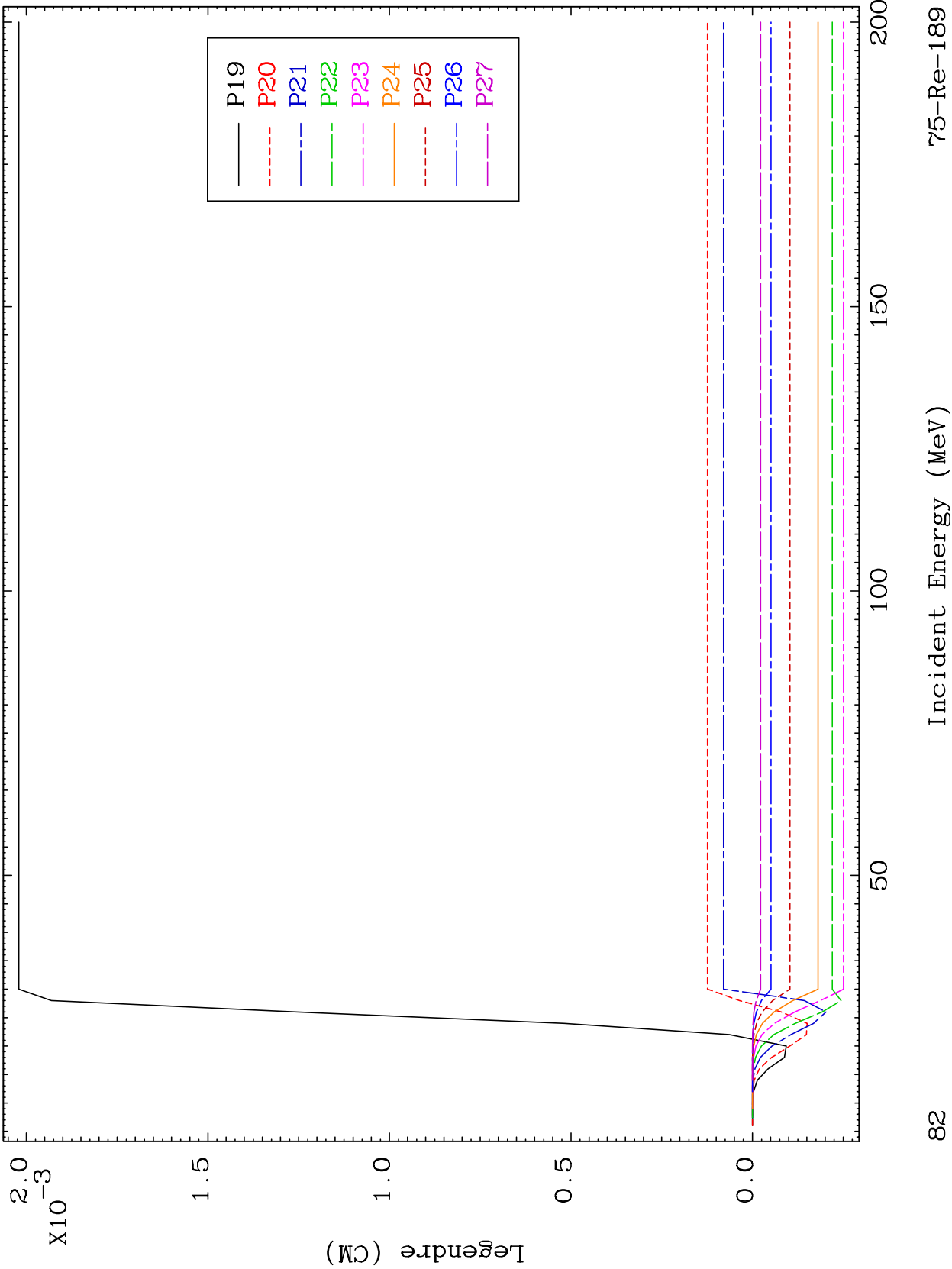
75-Re-189

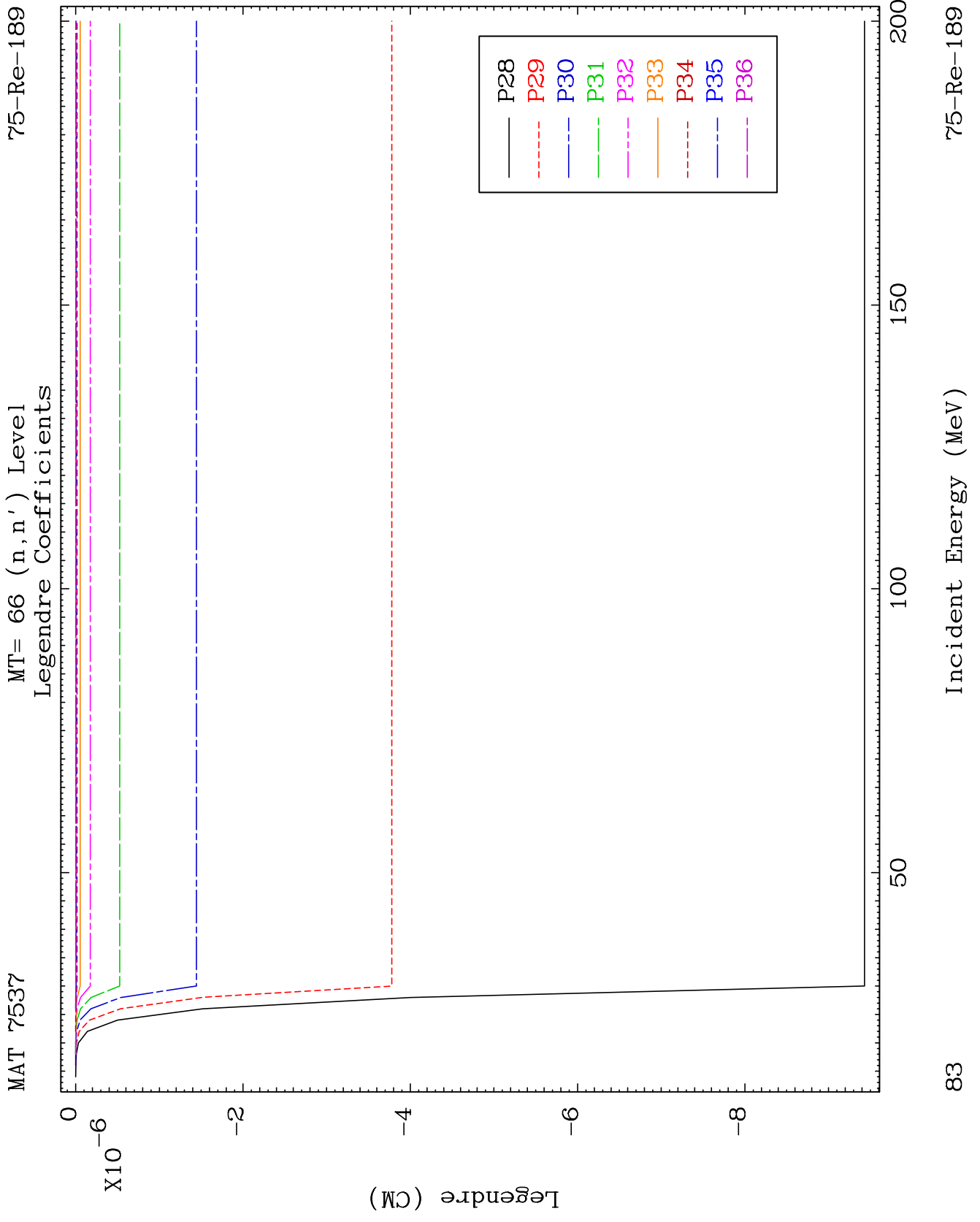


81

Incident Energy (MeV)

75-Re-189

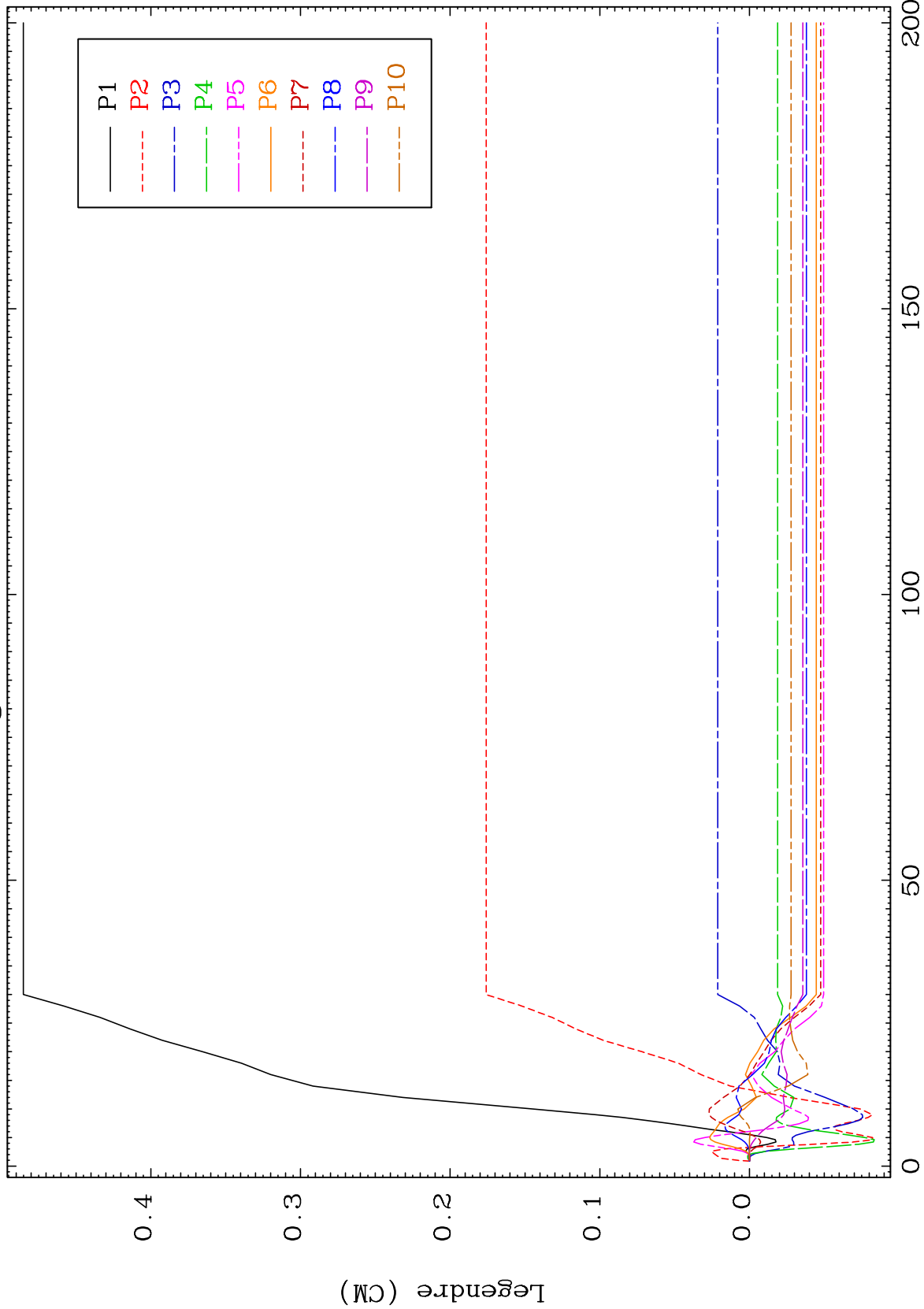




MAT 7537

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

75-Re-189



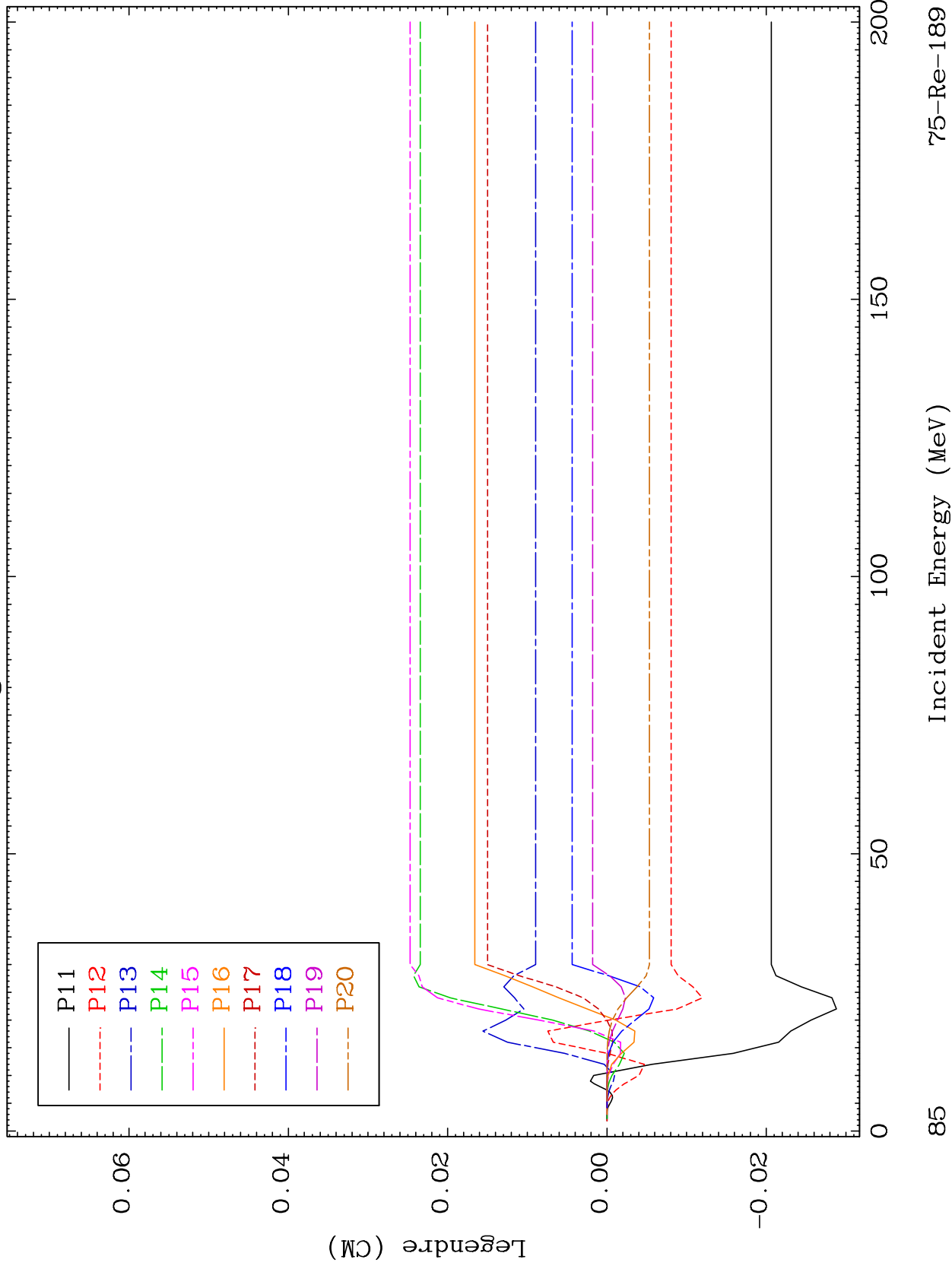
84

75-Re-189

MAT 7537

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

75-Re-189



75-Re-189

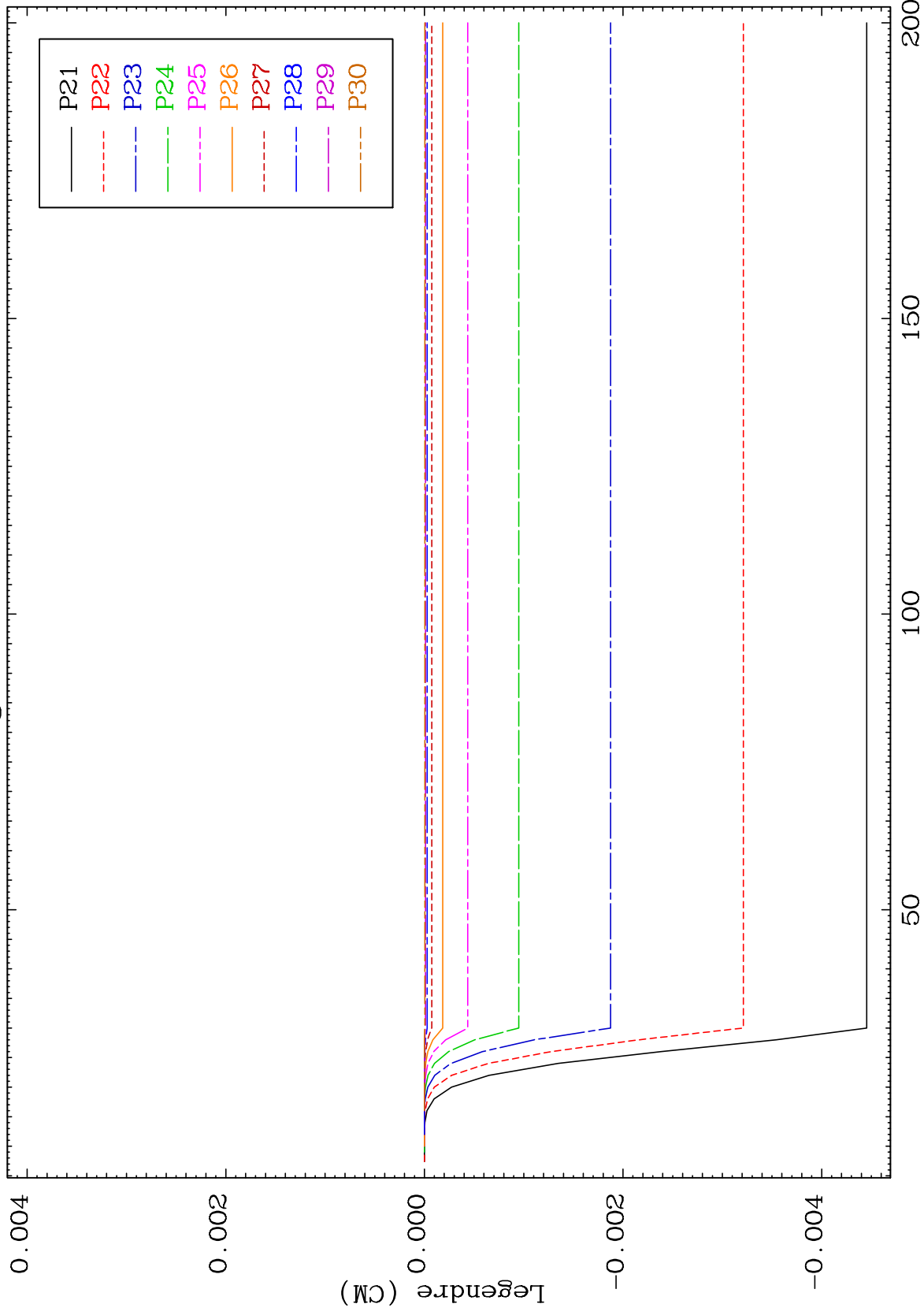
Incident Energy (MeV)

85

MAT 7537

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

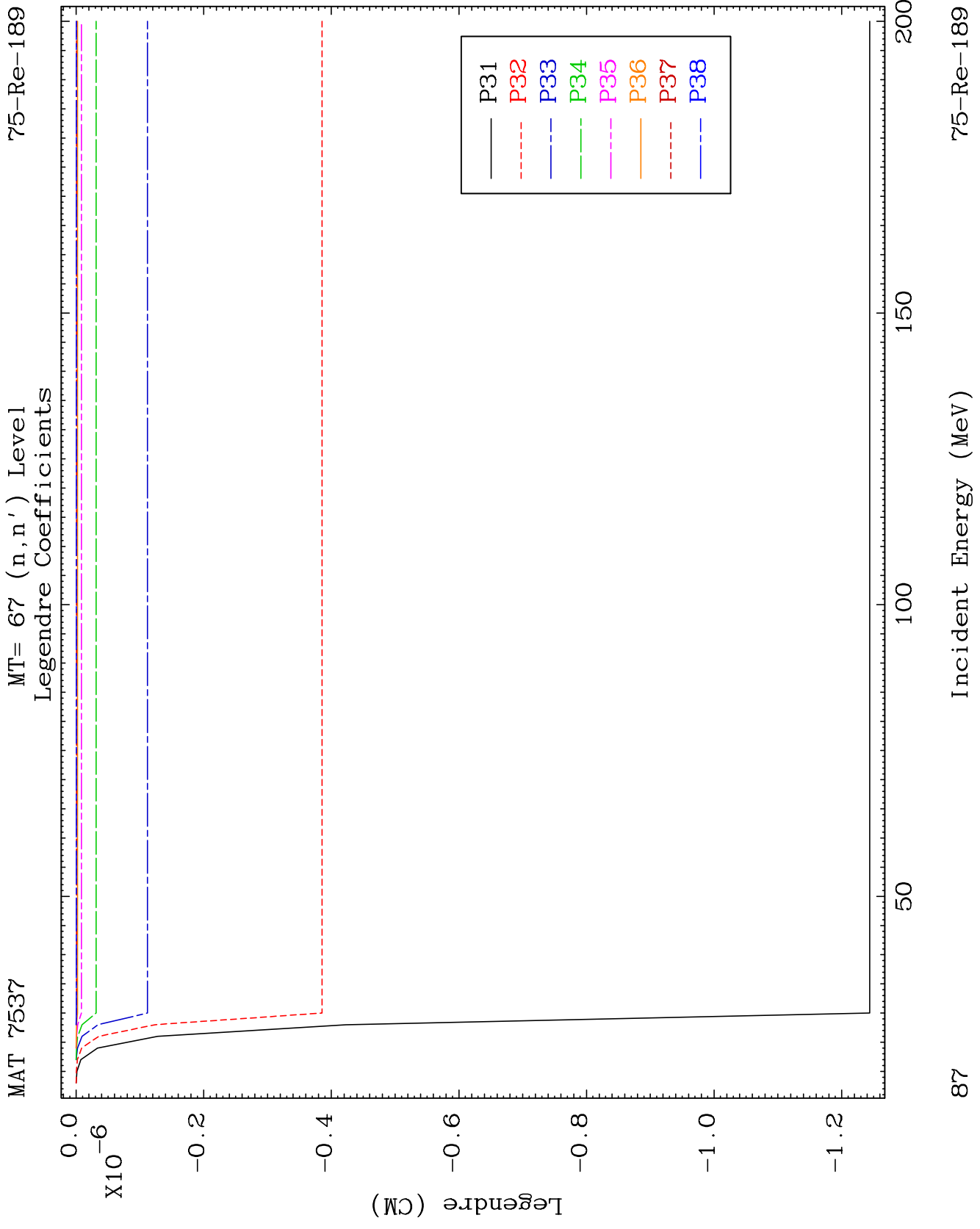
75-Re-189



86

Incident Energy (MeV)

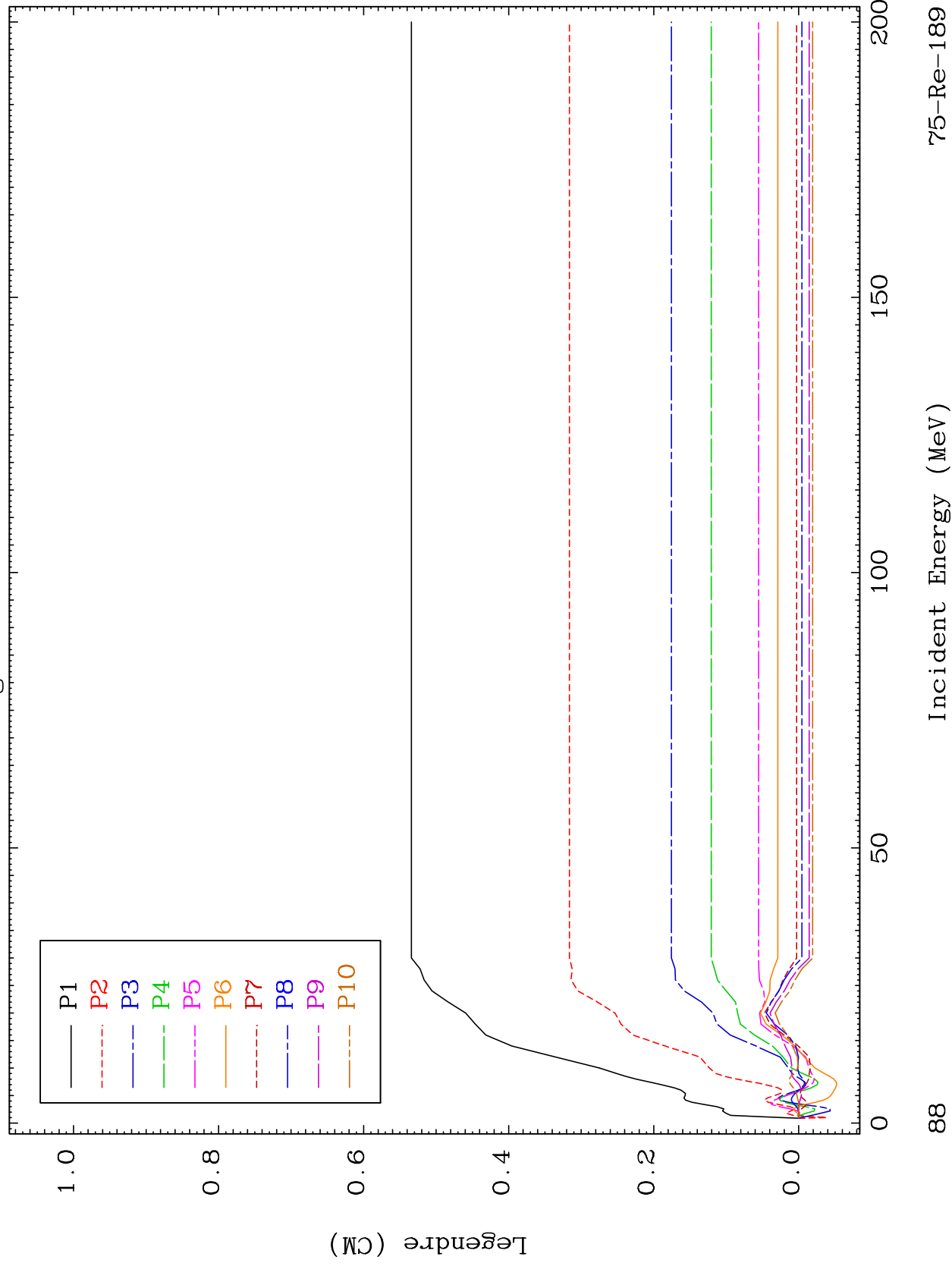
75-Re-189



MAT 7537

MT= 68 (n,n') Level
Legendre Coefficients

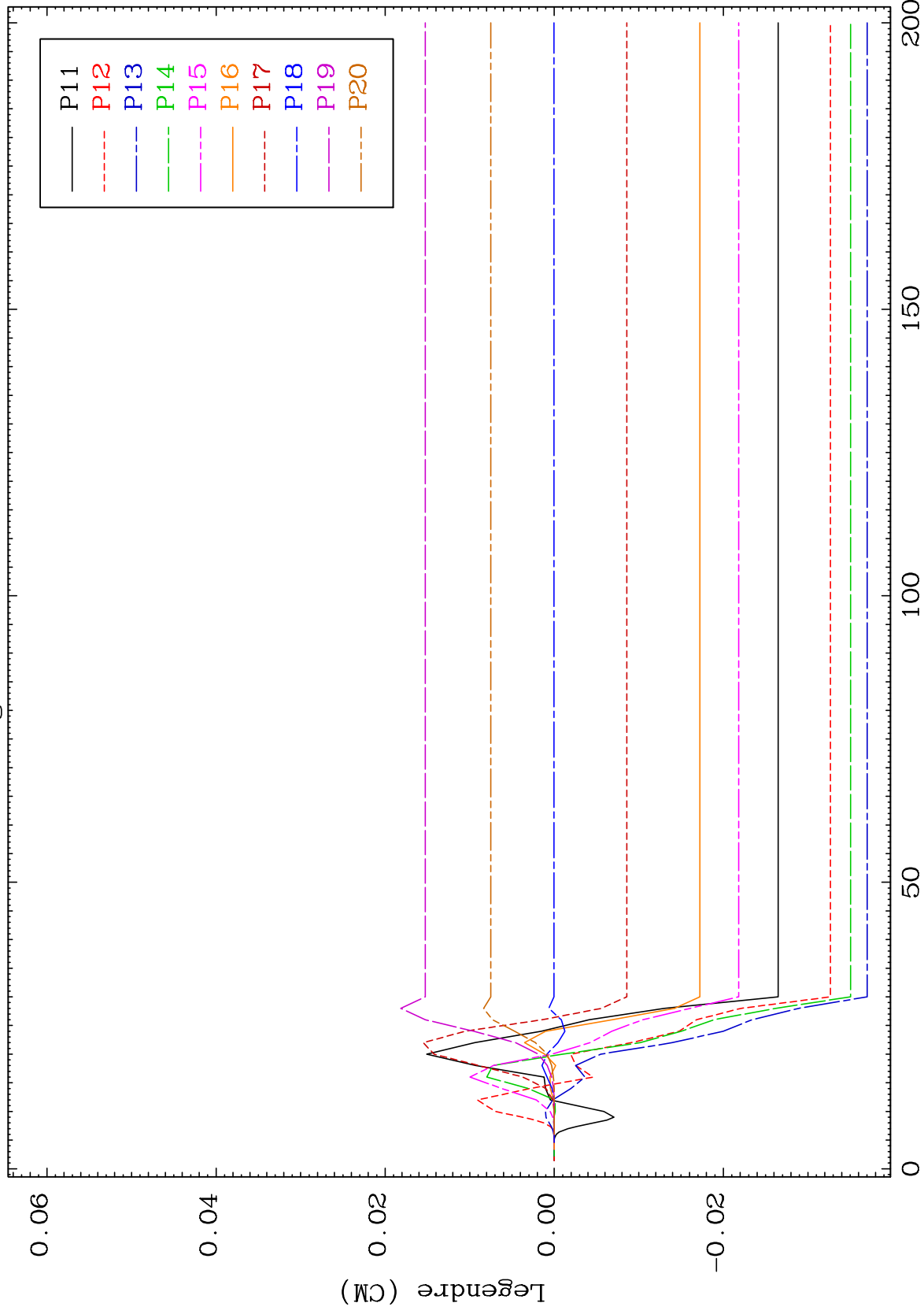
75-Re-189



MAT 7537

MT= 68 (n,n') Level
Legendre Coefficients

75-Re-189



89

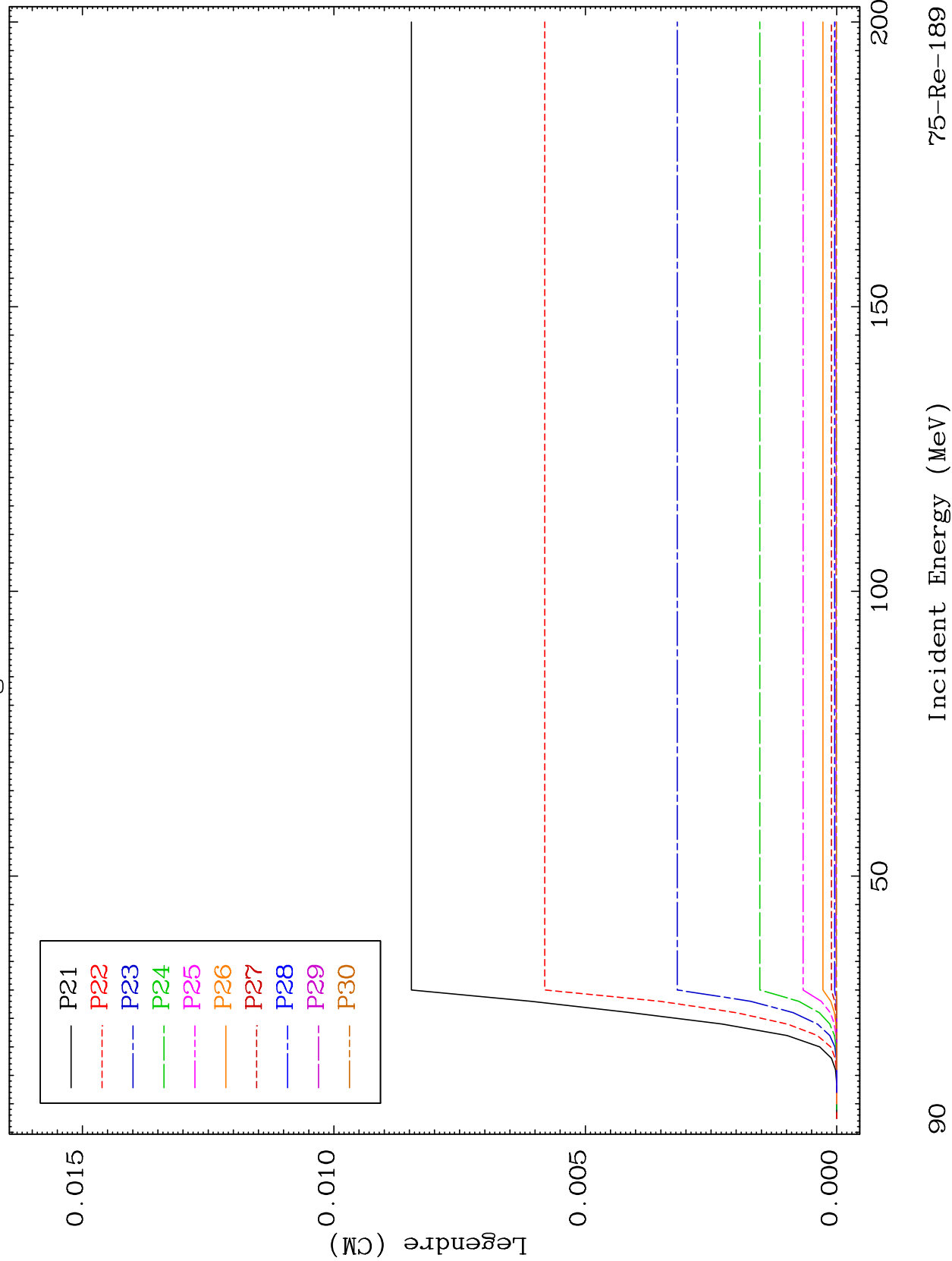
Incident Energy (MeV)

75-Re-189

MAT 7537

MT= 68 (n,n') Level
Legendre Coefficients

75-Re-189



90

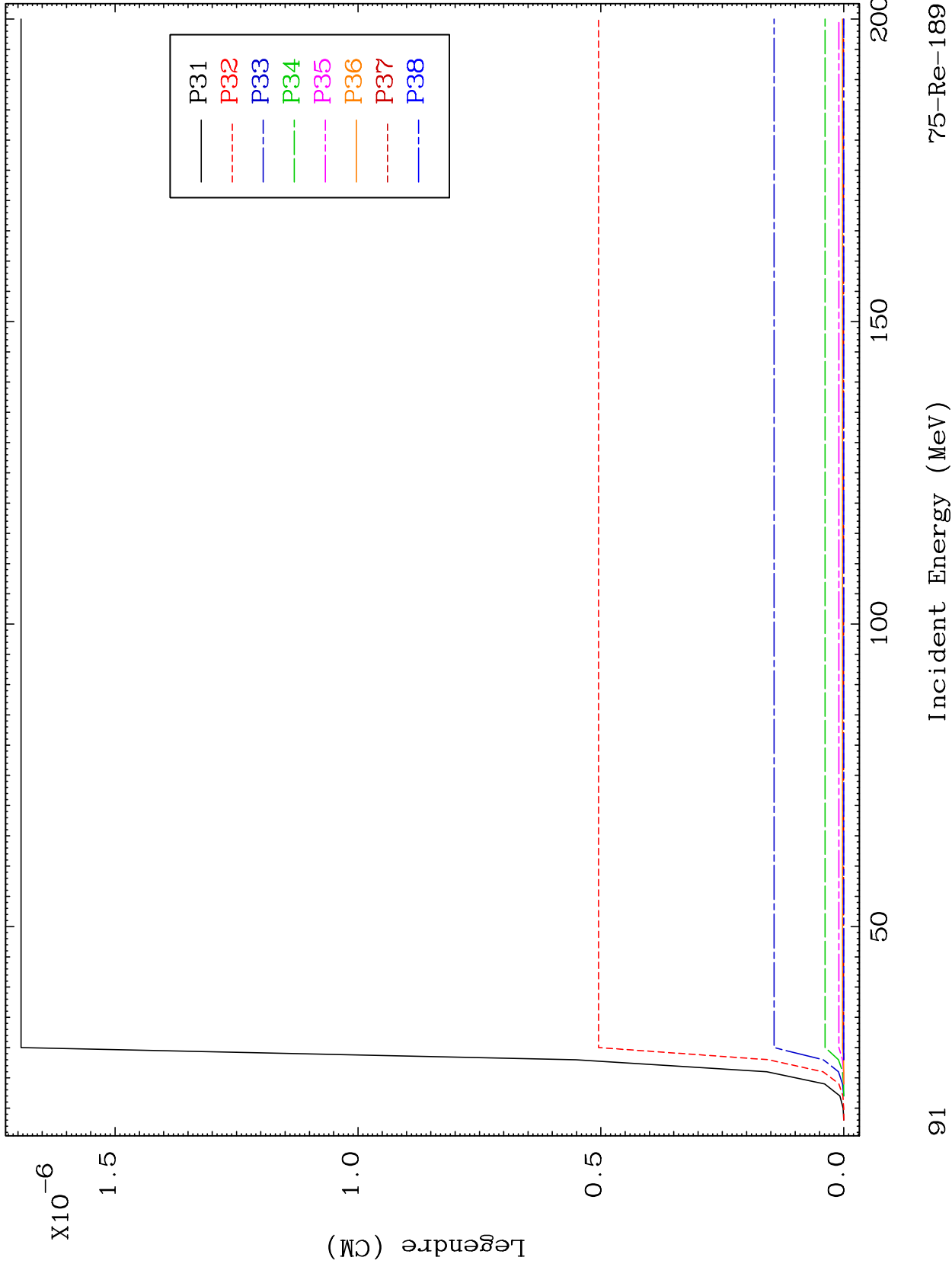
Incident Energy (MeV)

75-Re-189

MAT 7537

MT= 68 (n,n') Level
Legendre Coefficients

75-Re-189



91

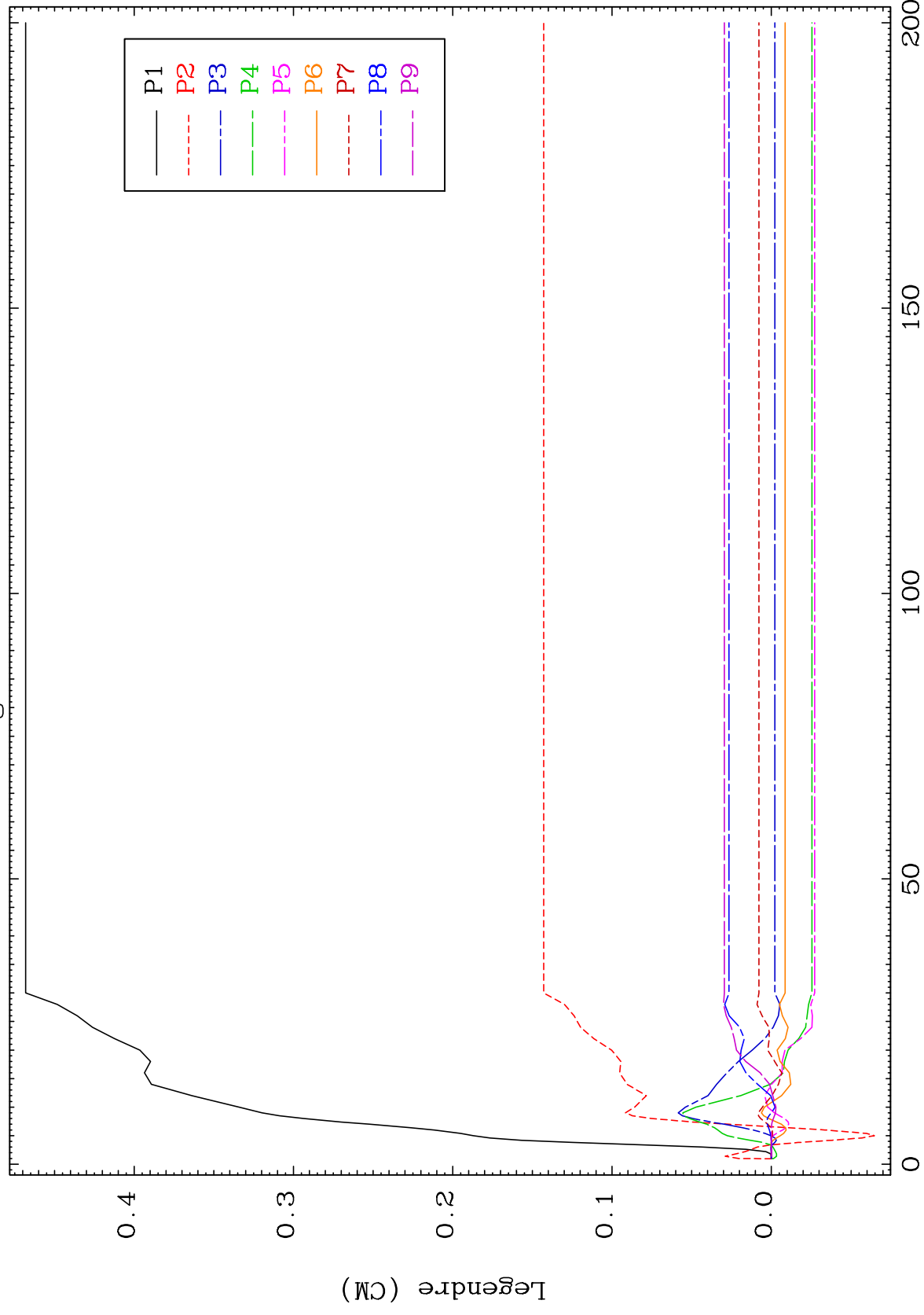
Incident Energy (MeV)

75-Re-189

MAT 7537

MT= 69 (n,n') Level
Legendre Coefficients

75-Re-189



92

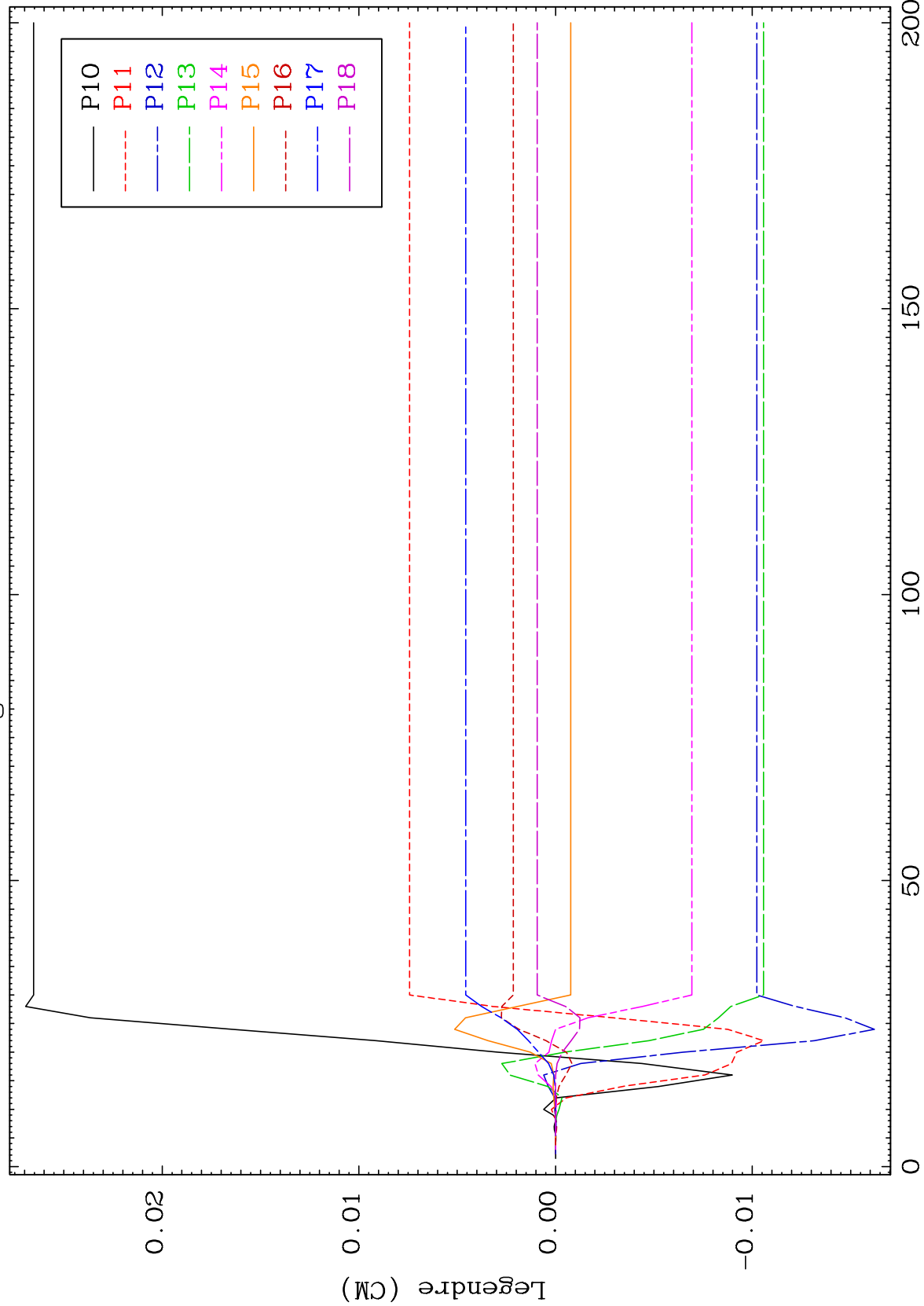
Incident Energy (MeV)

75-Re-189

MAT 7537

MT= 69 (n,n') Level
Legendre Coefficients

75-Re-189



93

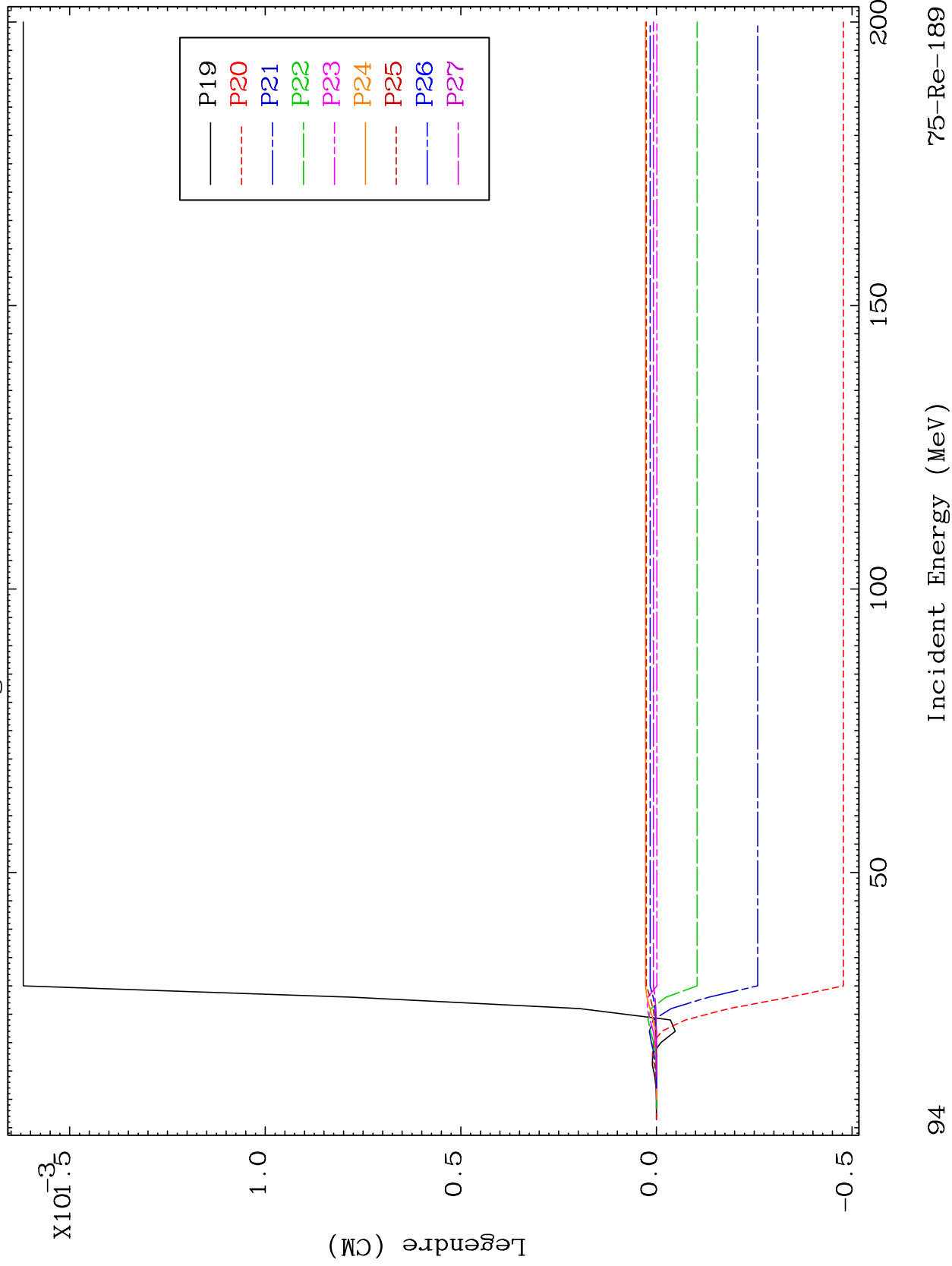
Incident Energy (MeV)

75-Re-189

MAT 7537

MT= 69 (n,n') Level
Legendre Coefficients

75-Re-189



94

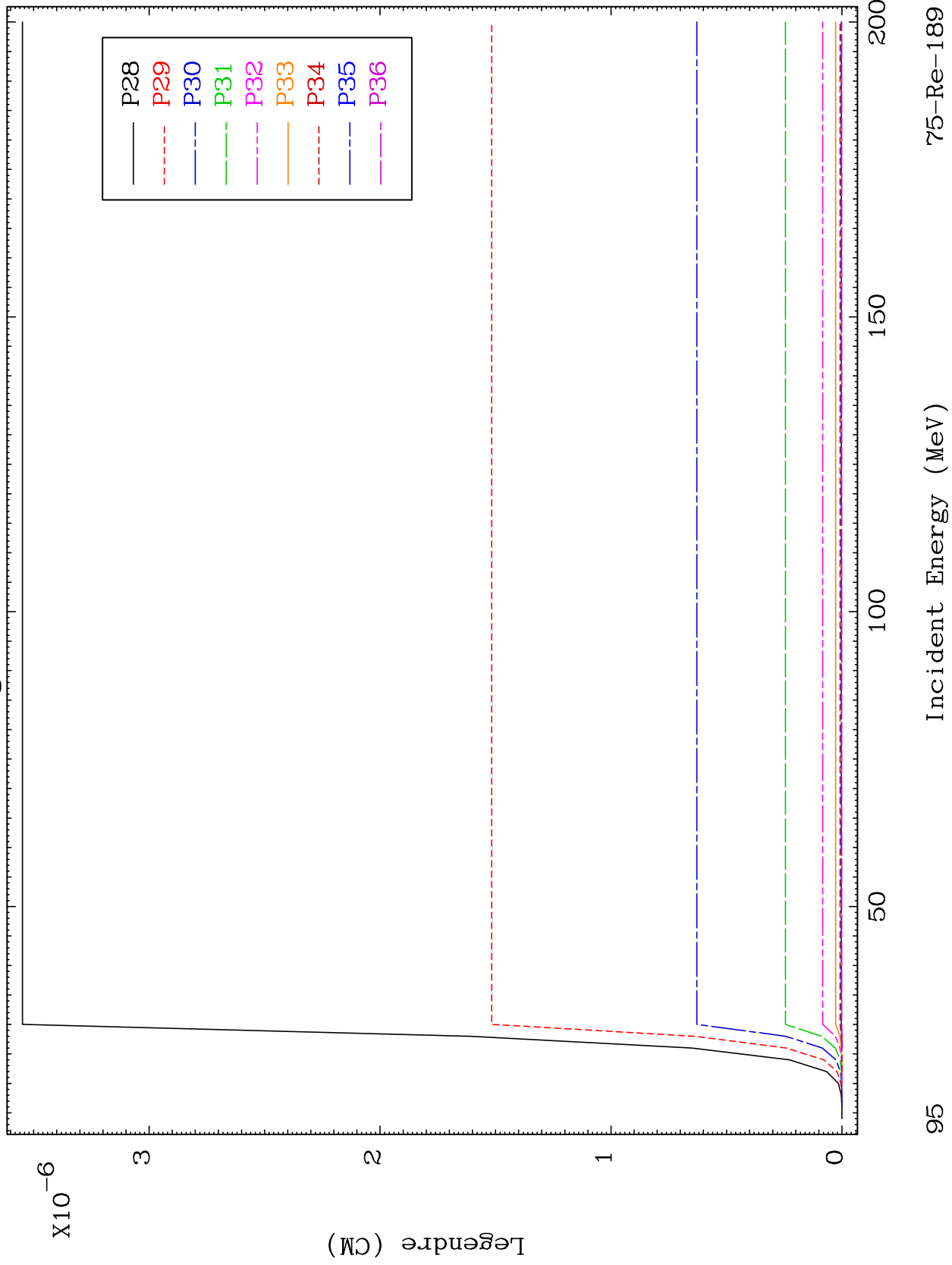
Incident Energy (MeV)

75-Re-189

MAT 7537

MT= 69 (n,n') Level
Legendre Coefficients

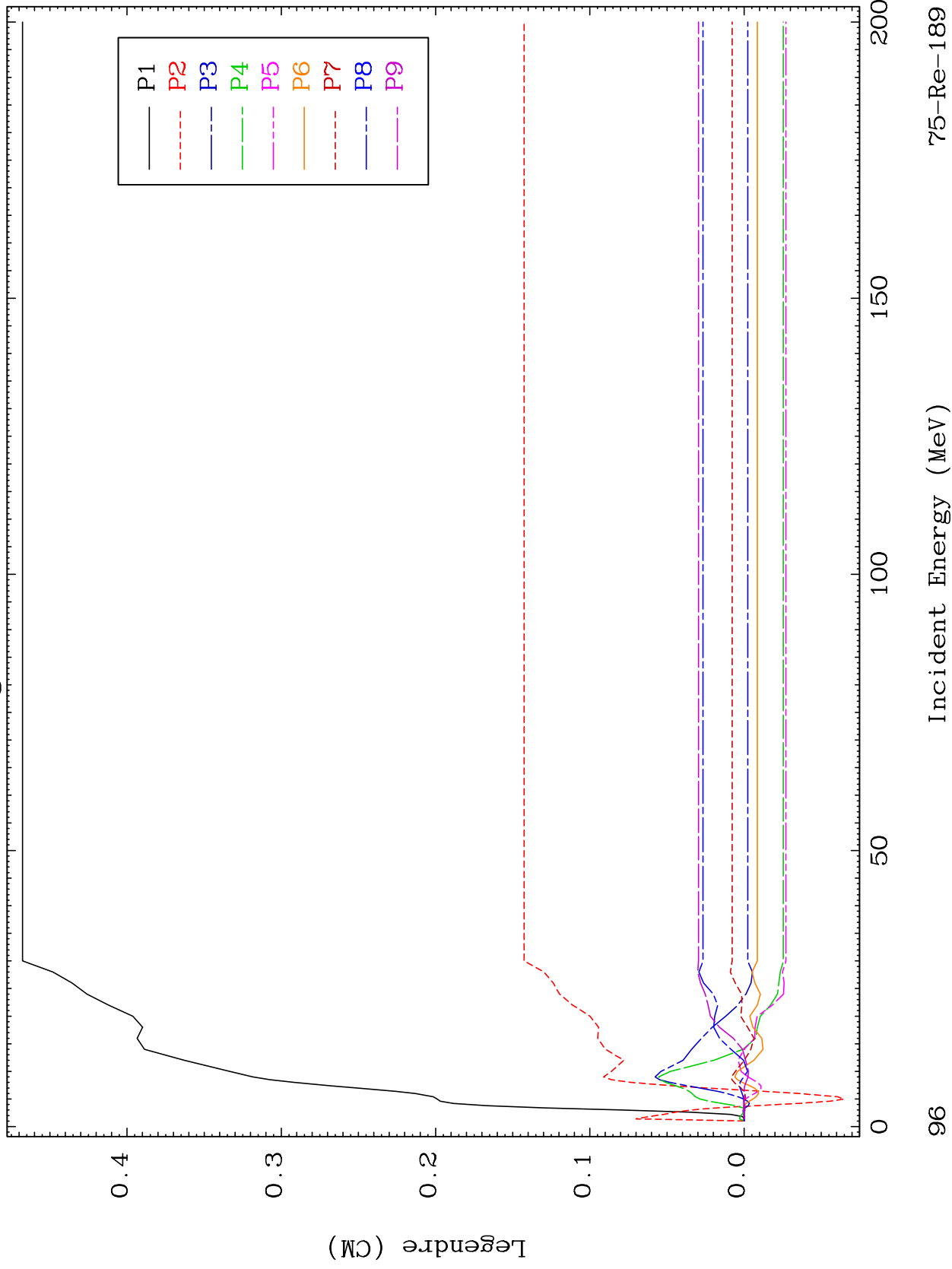
75-Re-189



MAT 7537

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

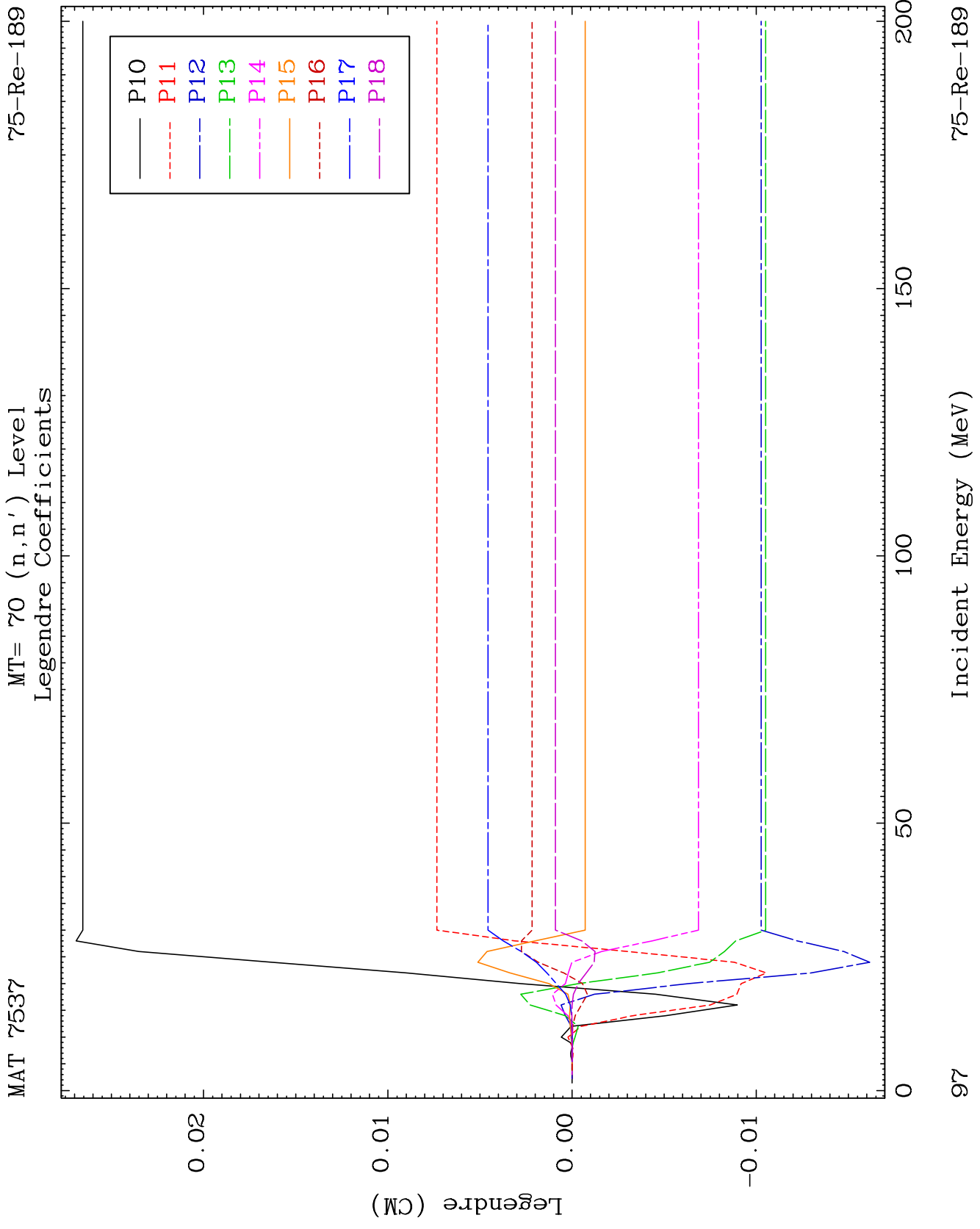
75-Re-189



96

Incident Energy (MeV)

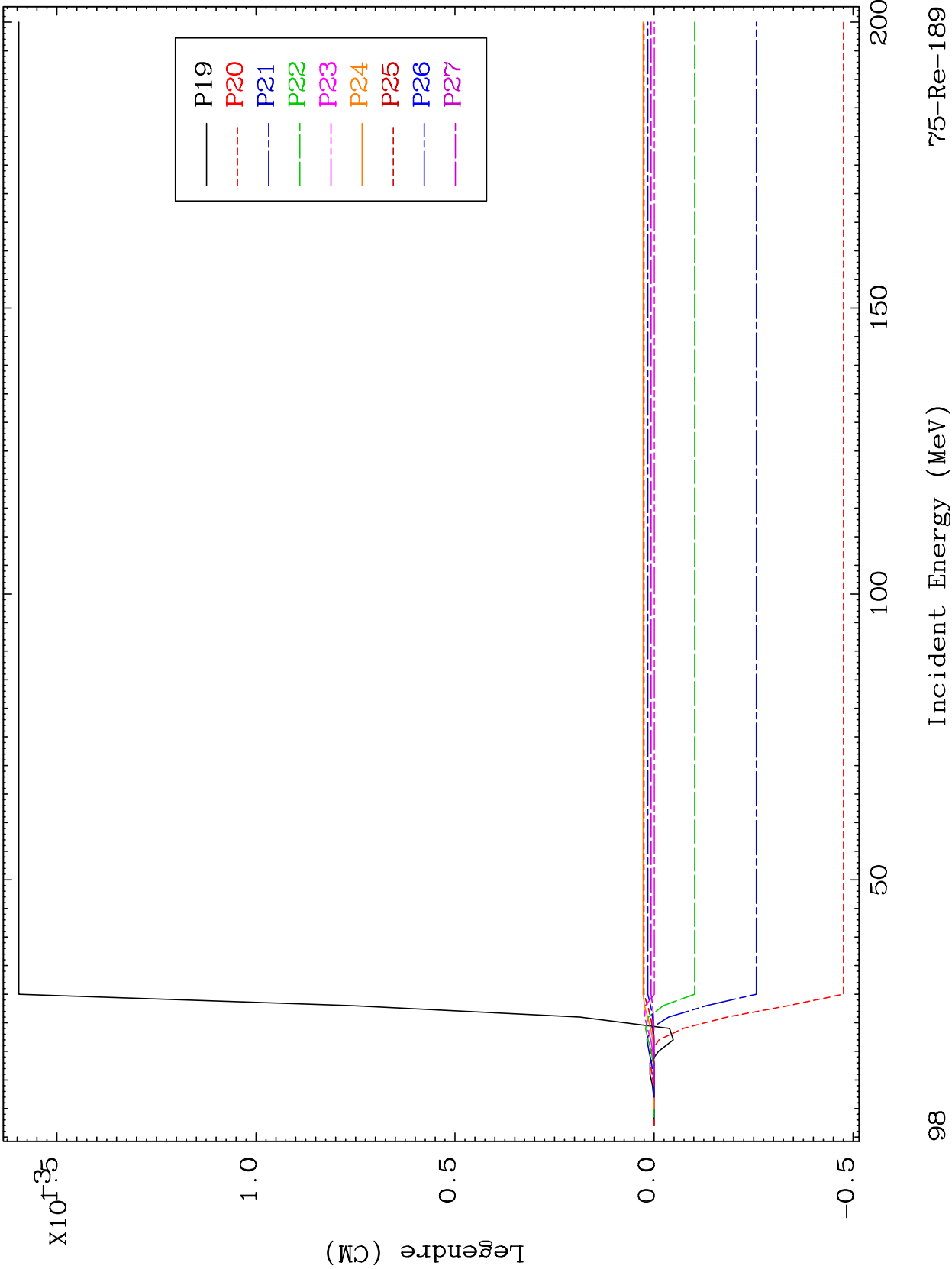
75-Re-189



MAT 7537

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

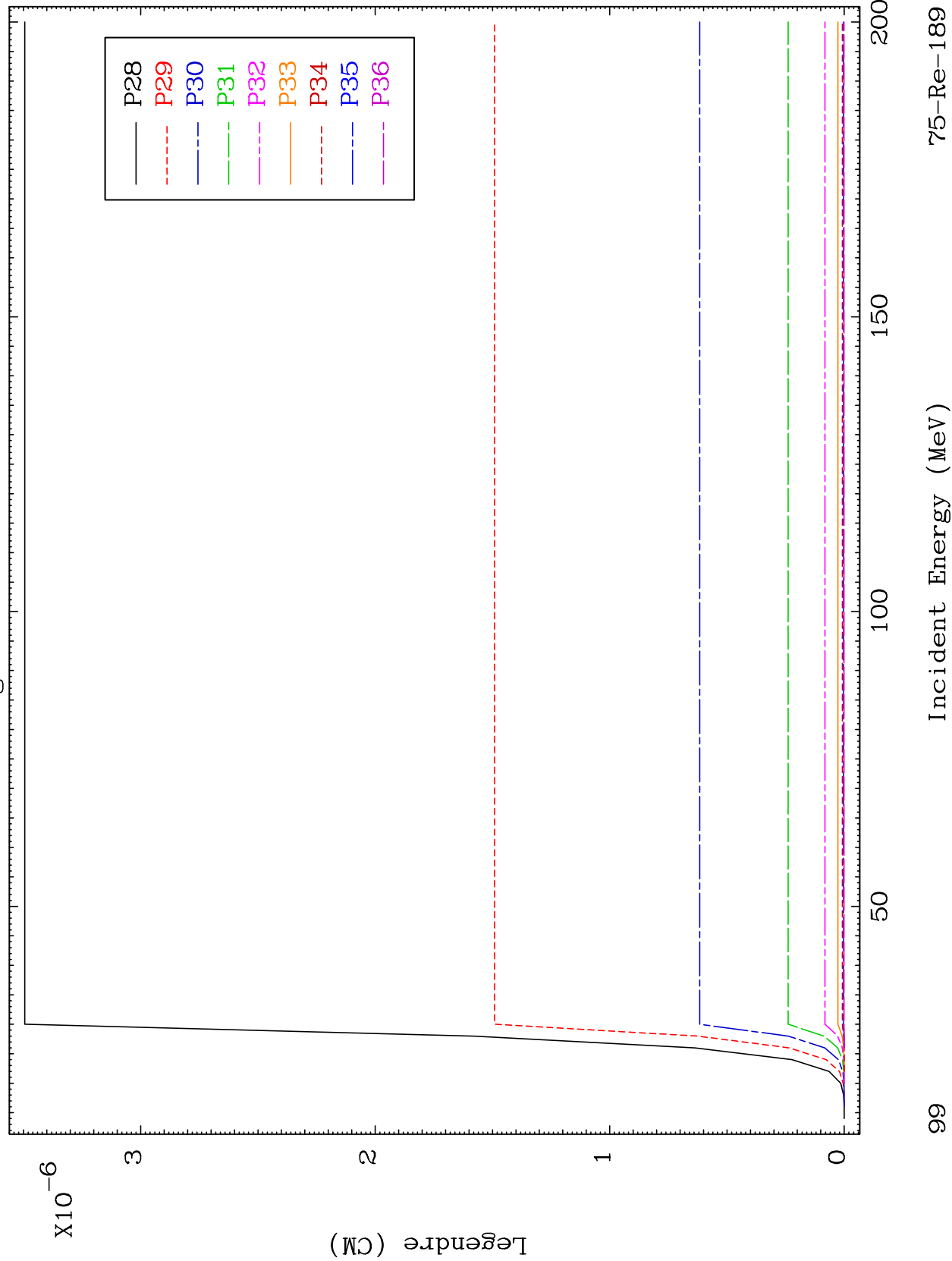
75-Re-189



MAT 7537

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

75-Re-189



99

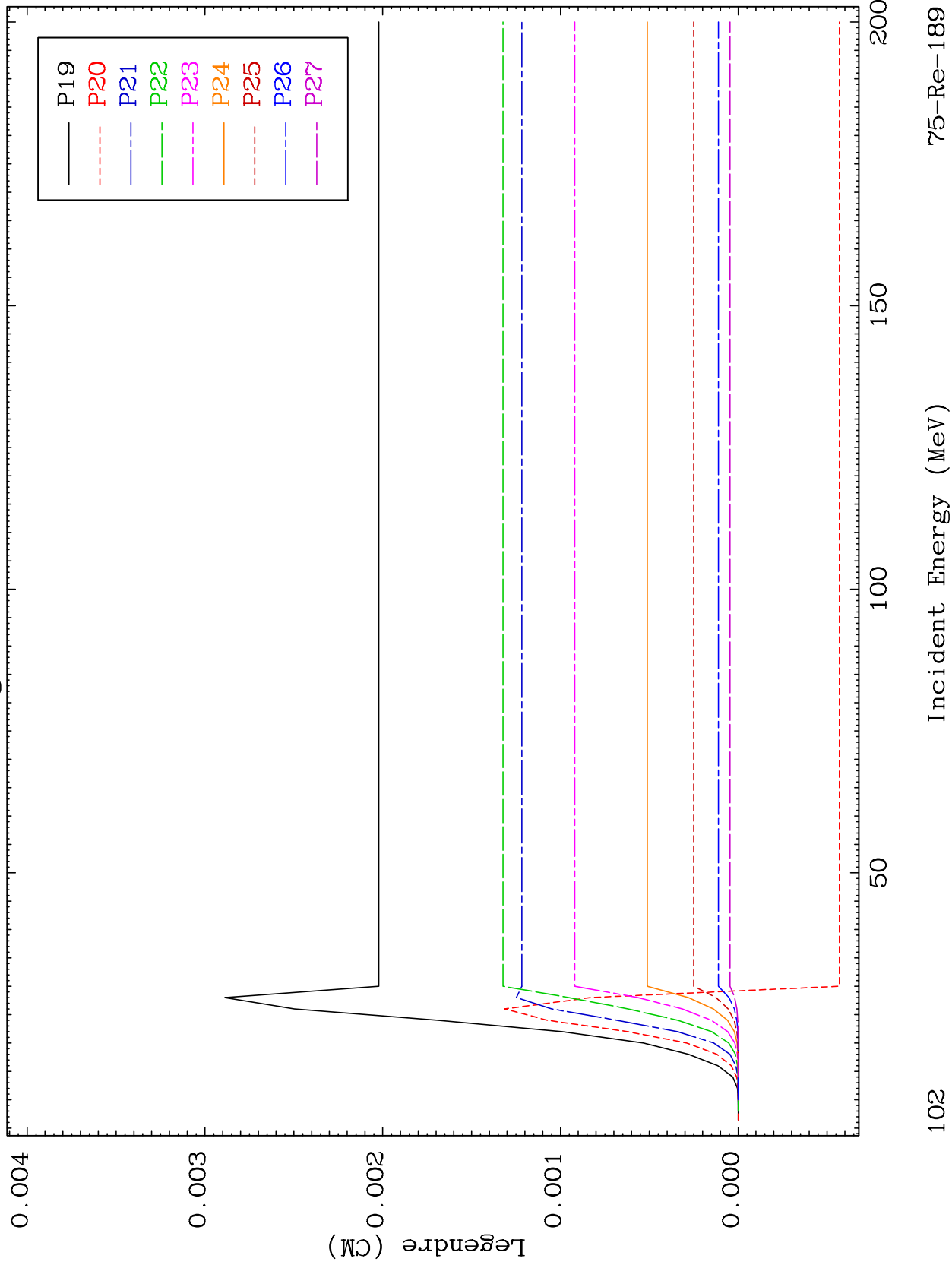
Incident Energy (MeV)

75-Re-189

MAT 7537

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

75-Re-189



102

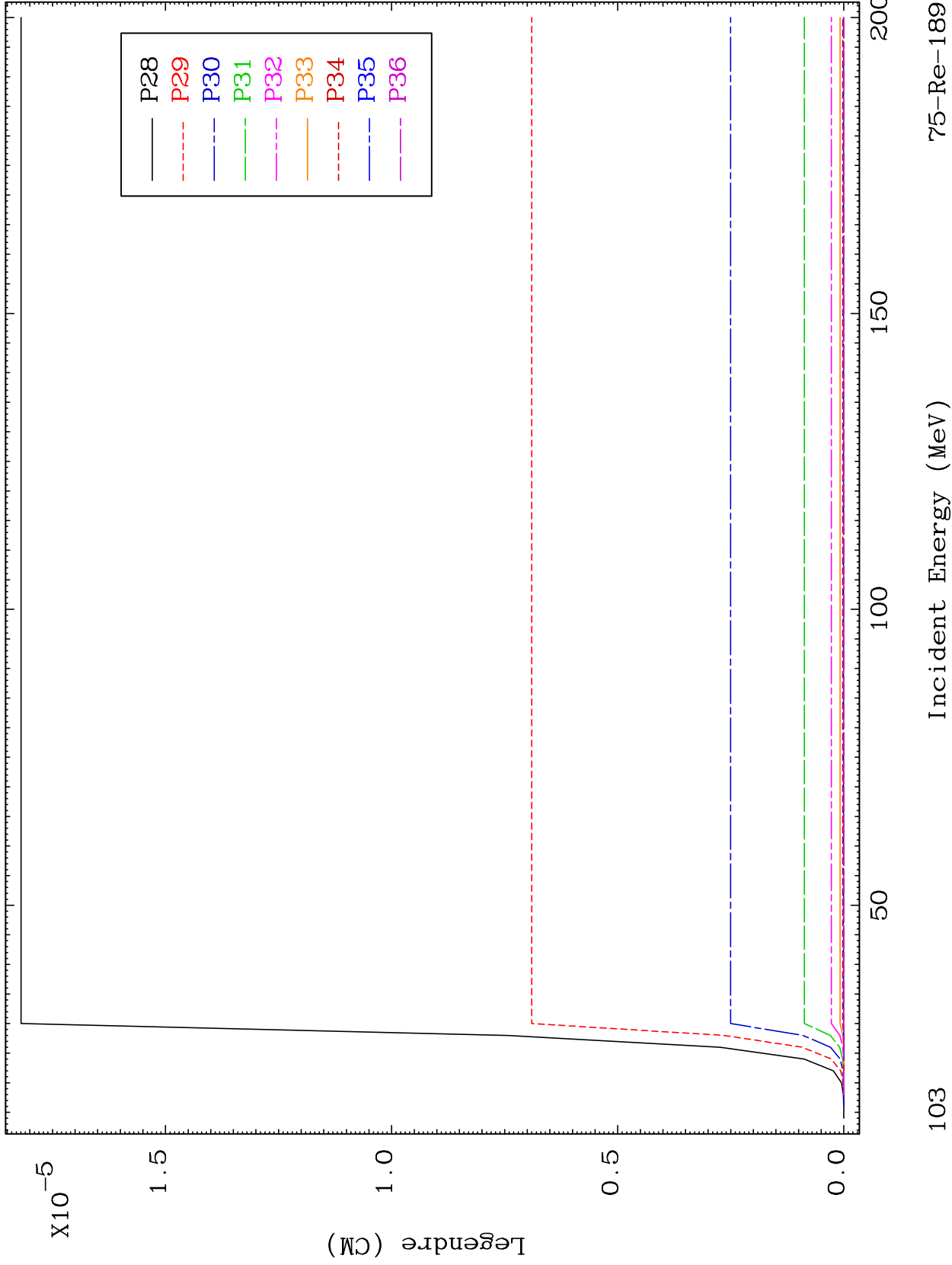
Incident Energy (MeV)

75-Re-189

MAT 7537

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

75-Re-189



103

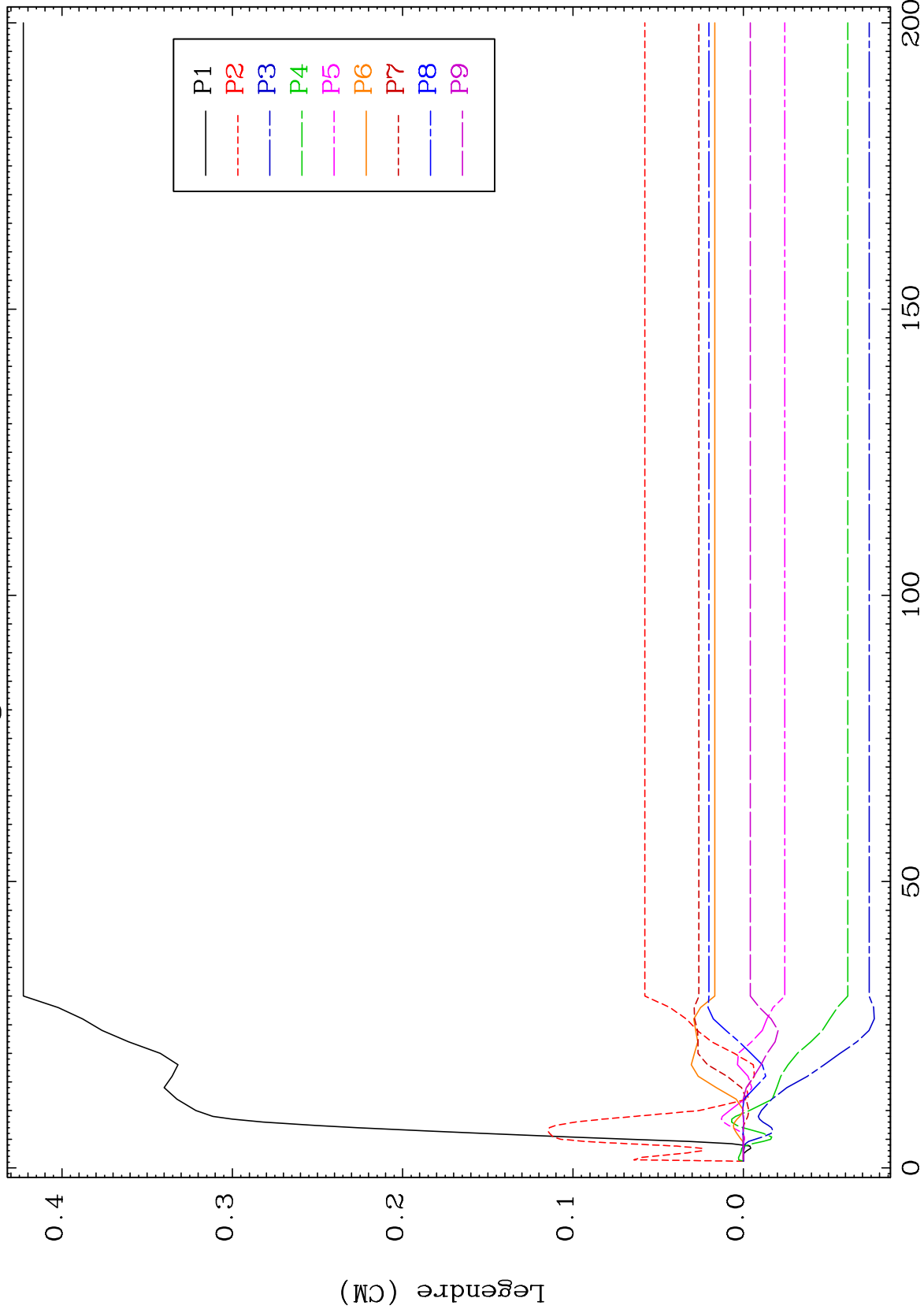
Incident Energy (MeV)

75-Re-189

MAT 7537

MT= 72 (n,n') Level
Legendre Coefficients

75-Re-189



104

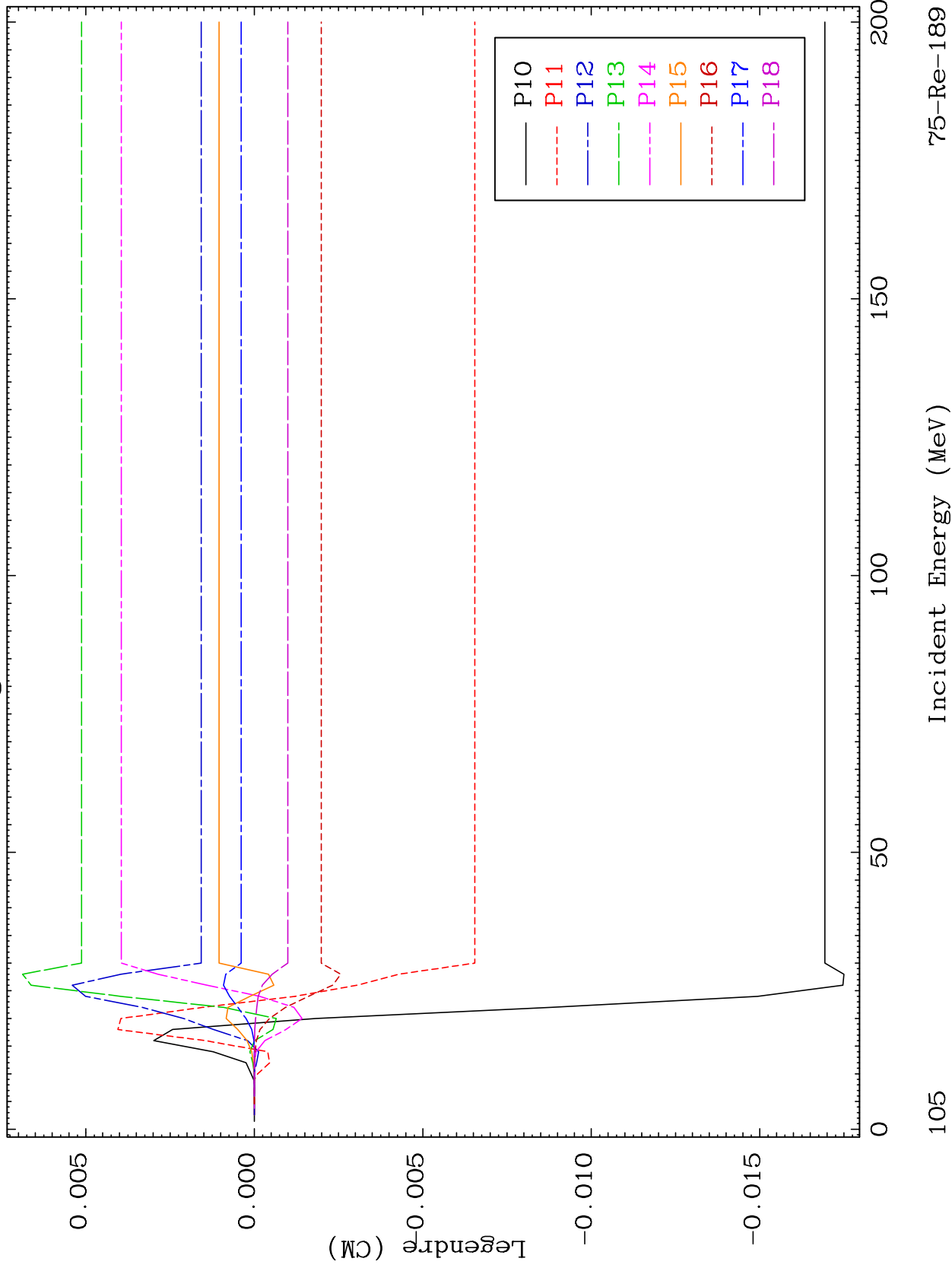
Incident Energy (MeV)

75-Re-189

MAT 7537

MT= 72 (n,n') Level
Legendre Coefficients

75-Re-189



75-Re-189

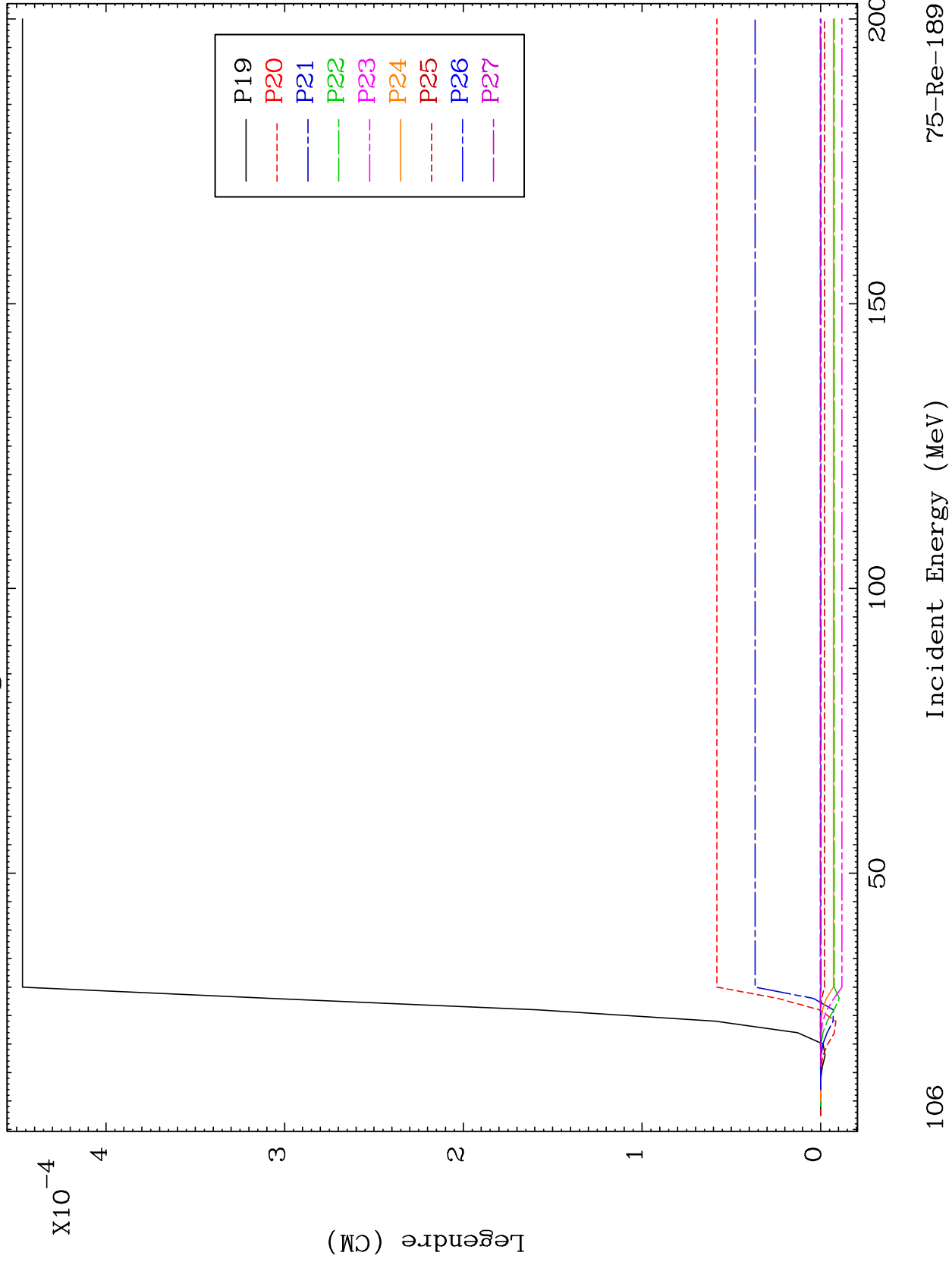
Incident Energy (MeV)

105

MAT 7537

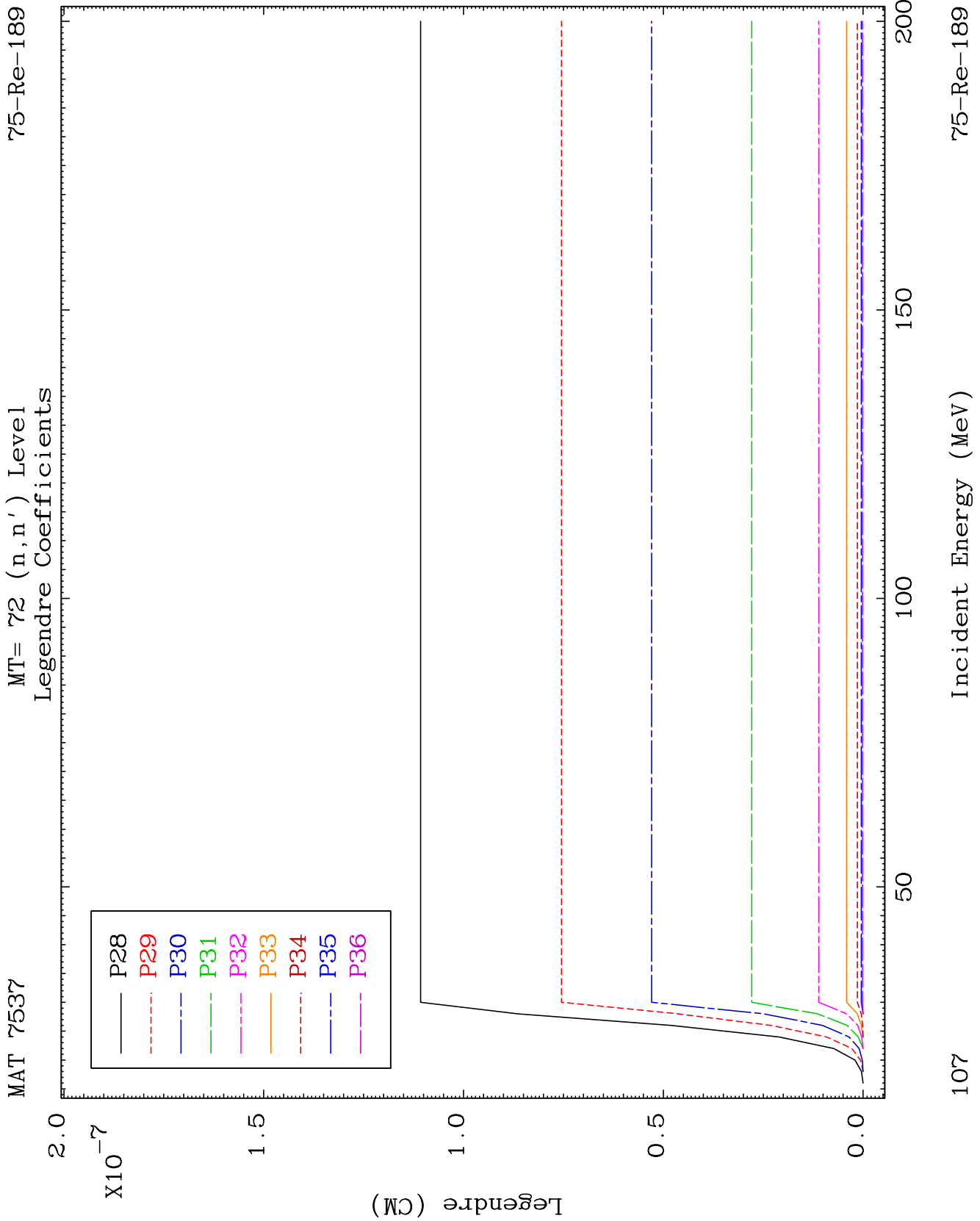
MT= 72 (n,n') Level
Legendre Coefficients

75-Re-189



106

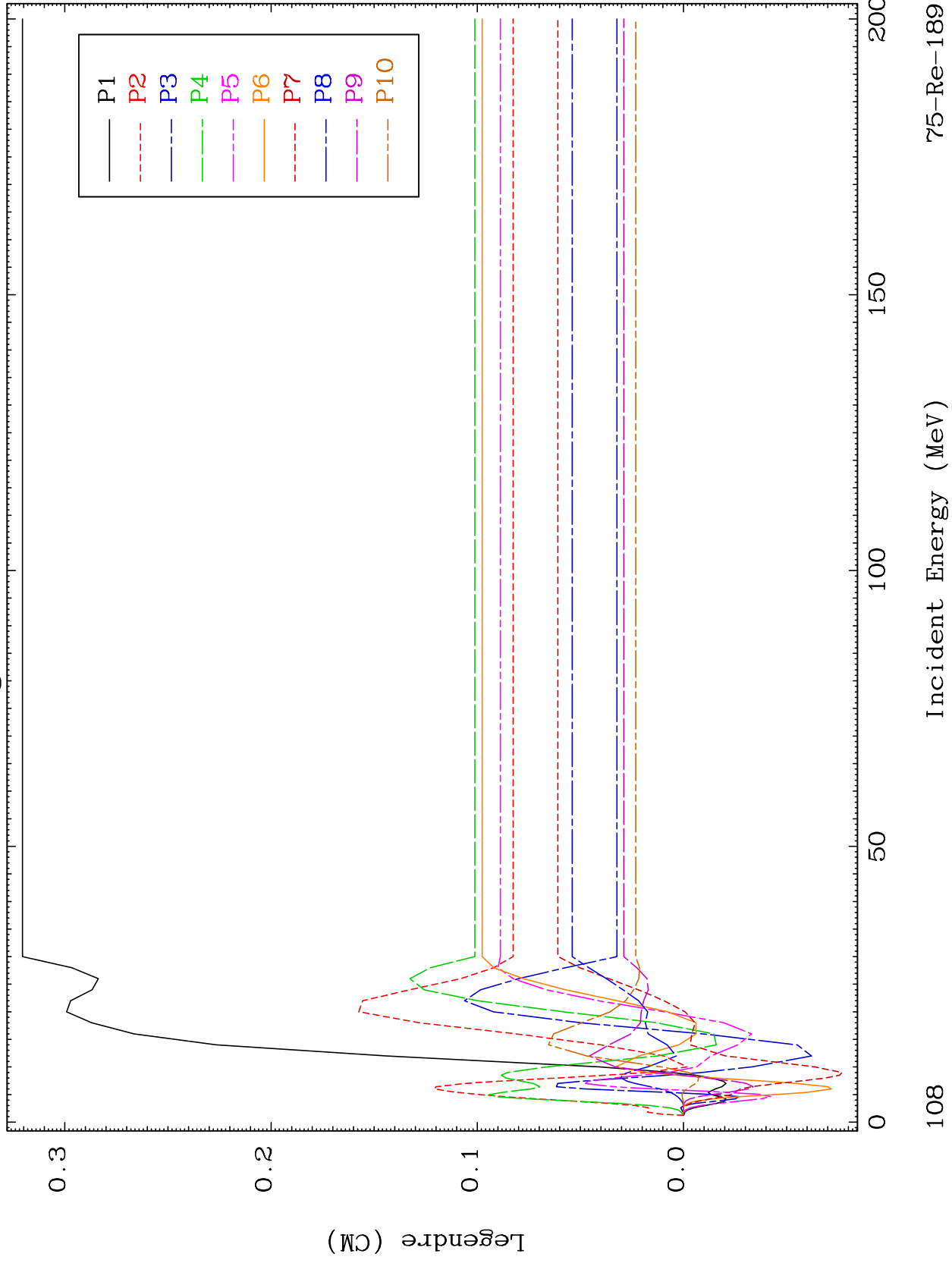
75-Re-189



MAT 7537

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

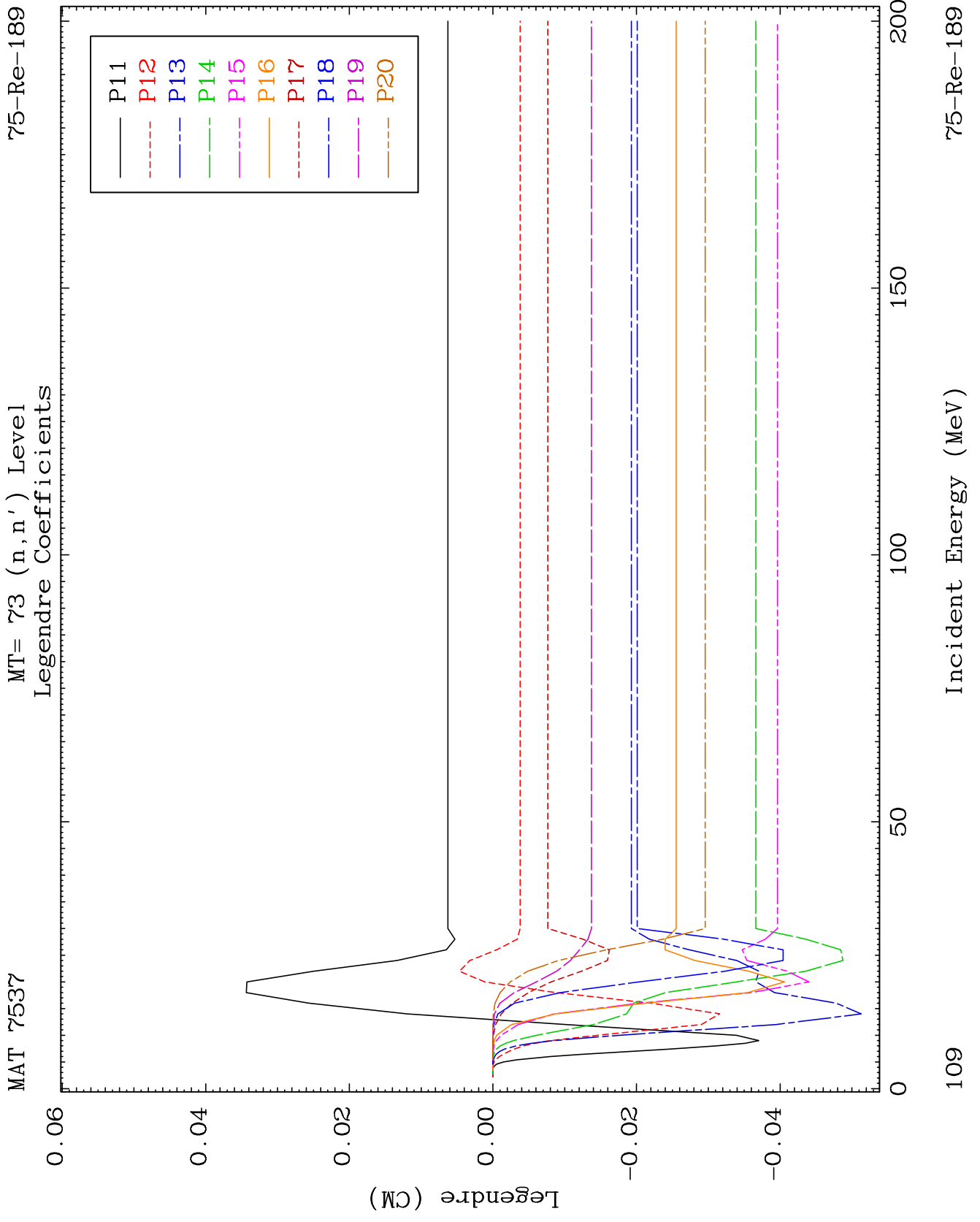
75-Re-189

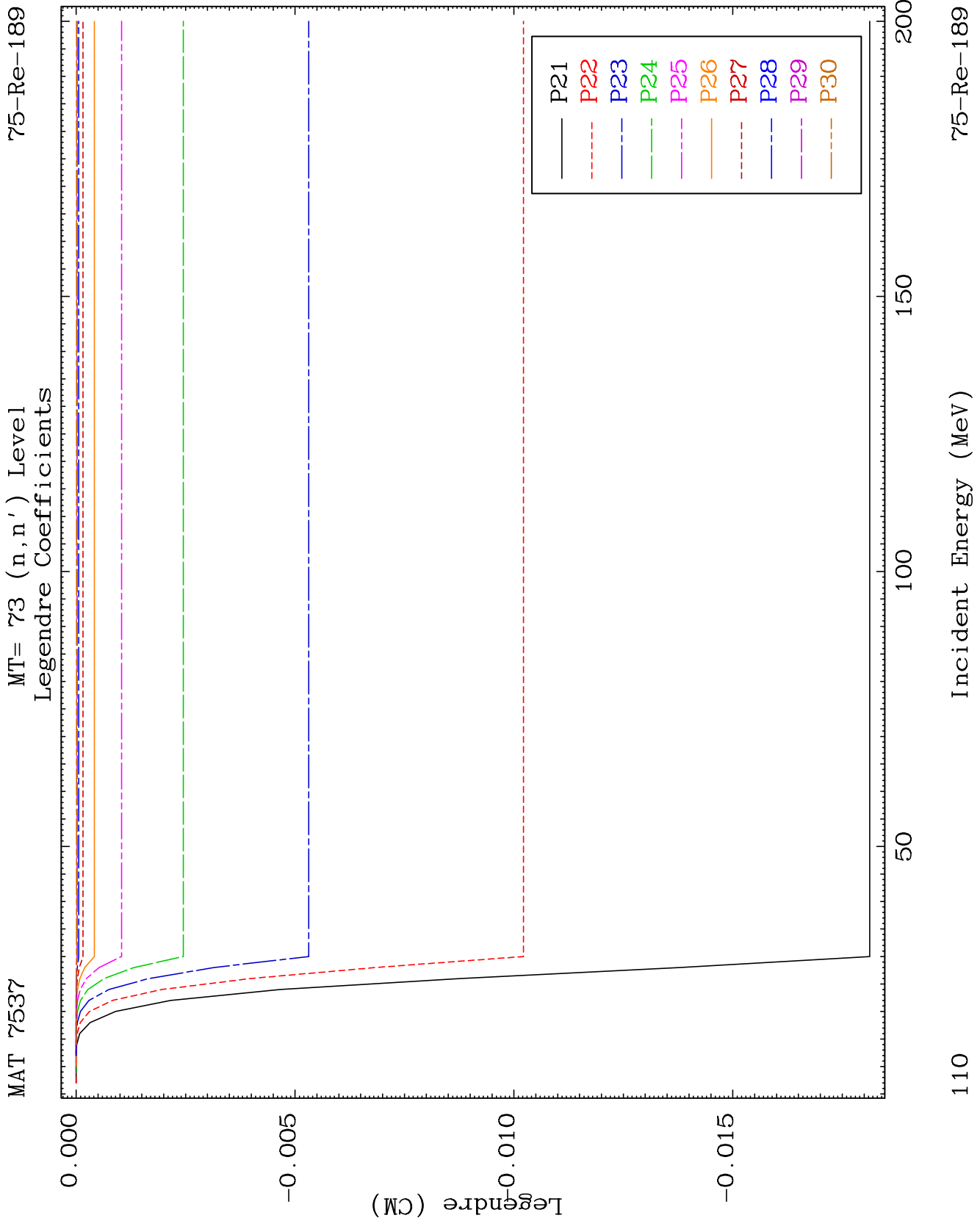


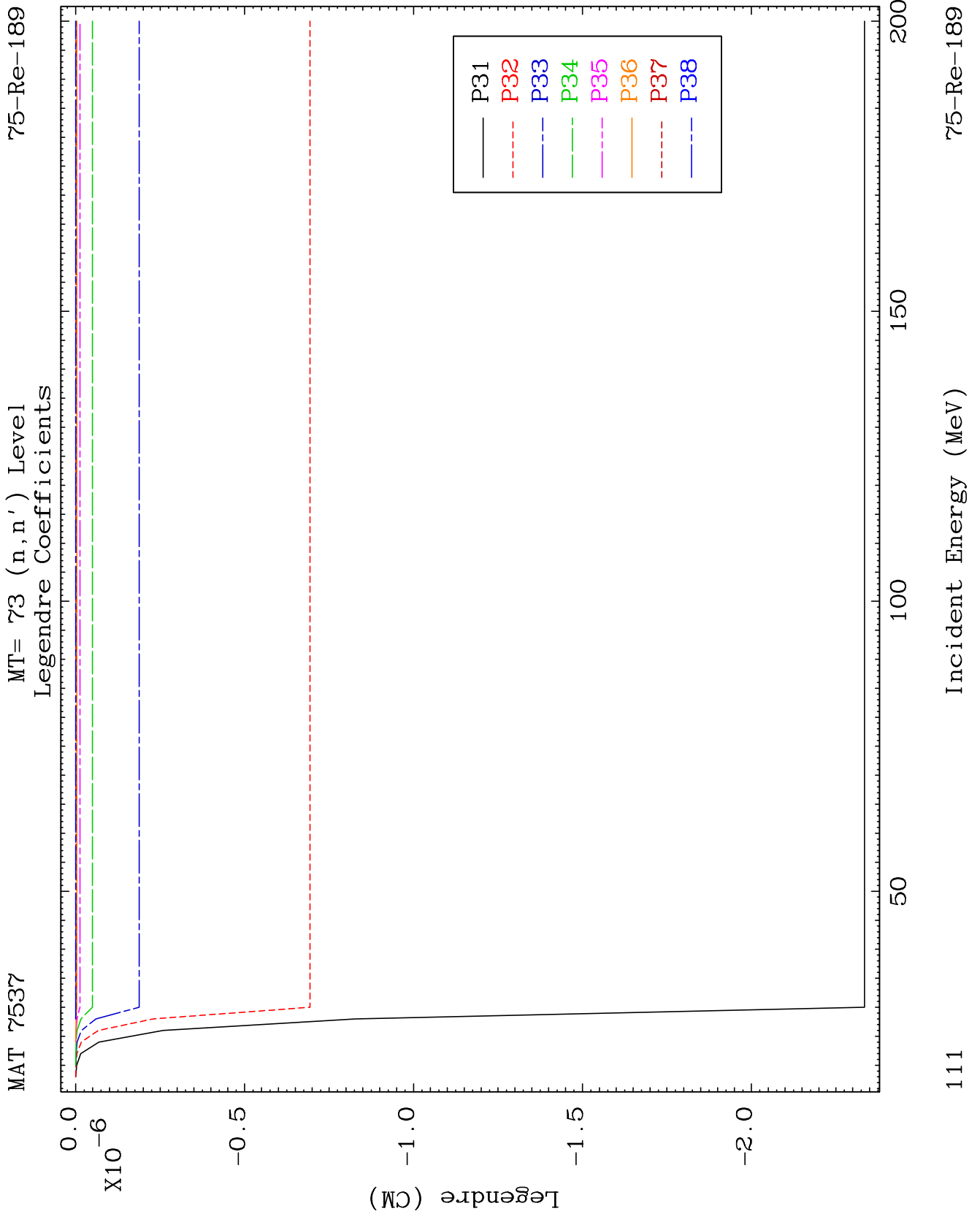
75-Re-189

Incident Energy (MeV)

108



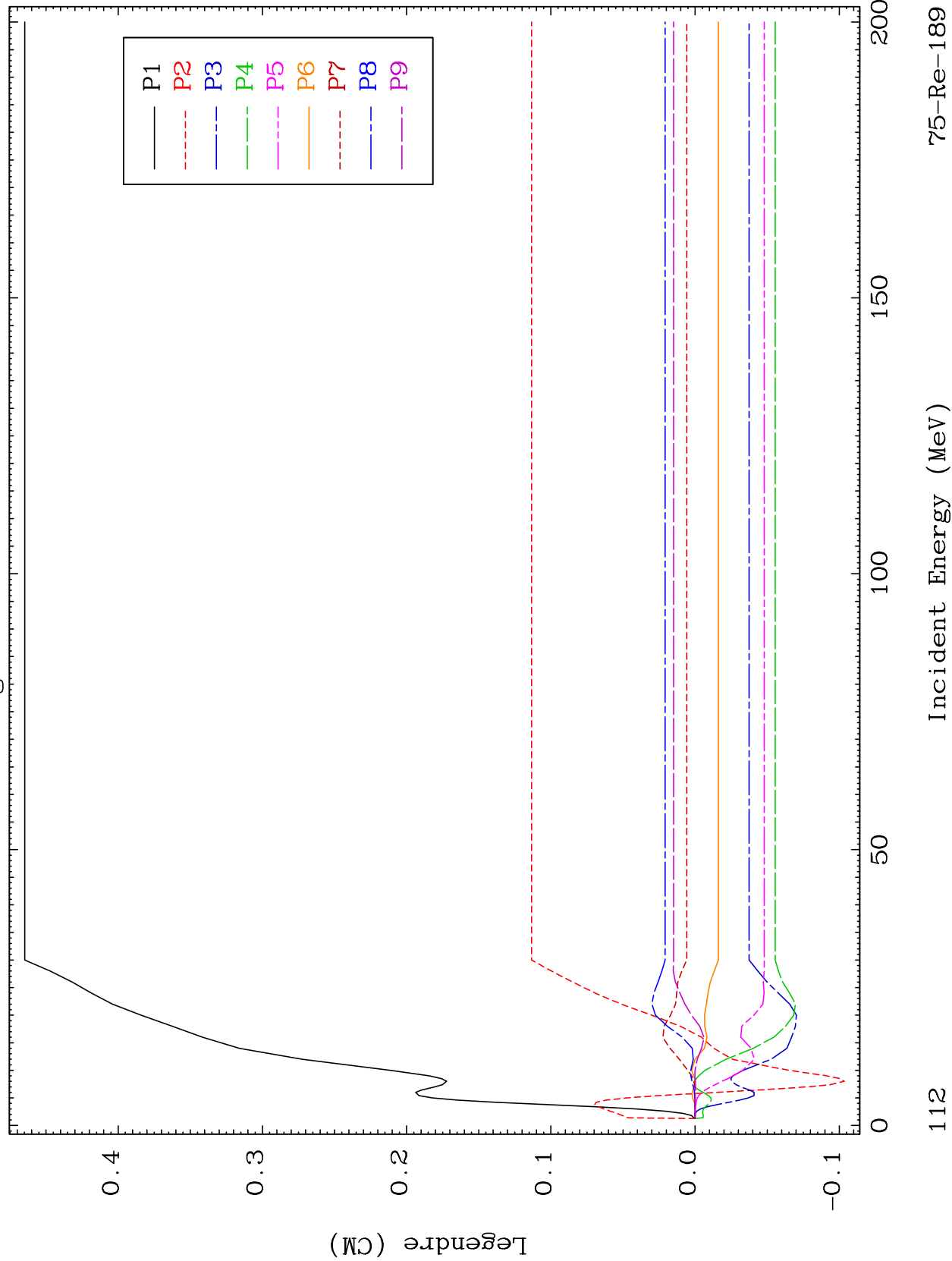




MAT 7537

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

75-Re-189



75-Re-189

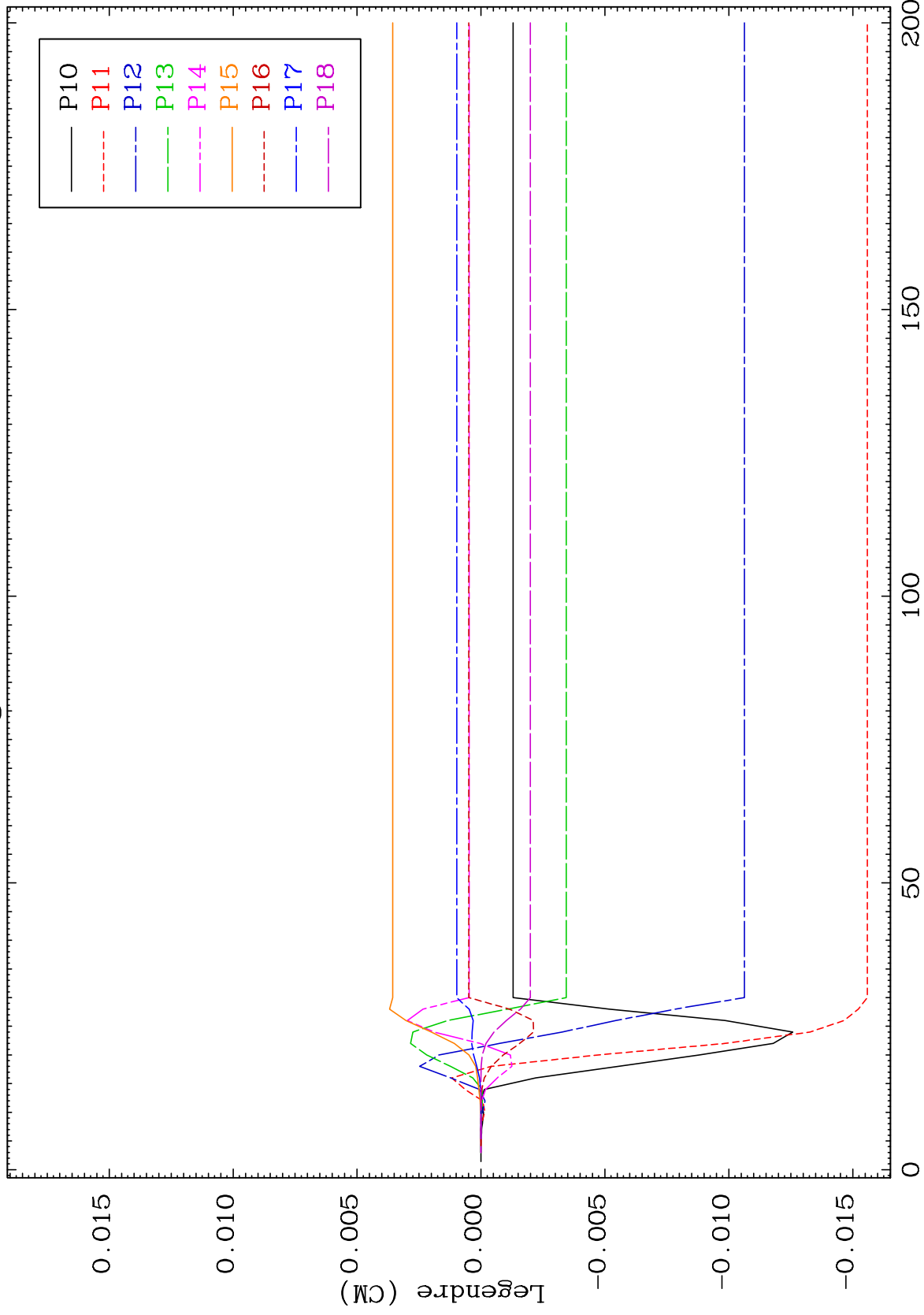
Incident Energy (MeV)

112

MAT 7537

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

75-Re-189



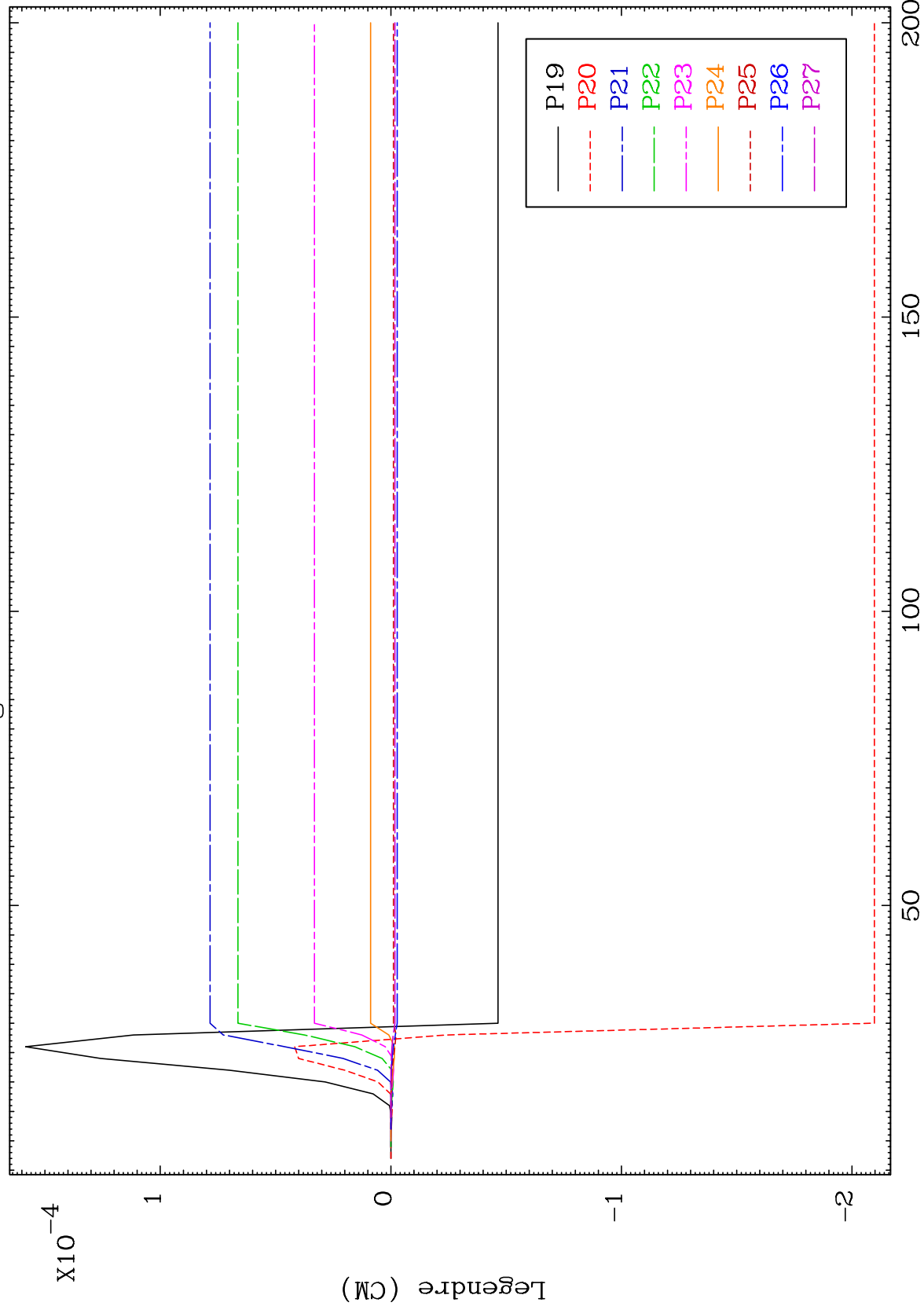
113

75-Re-189

MAT 7537

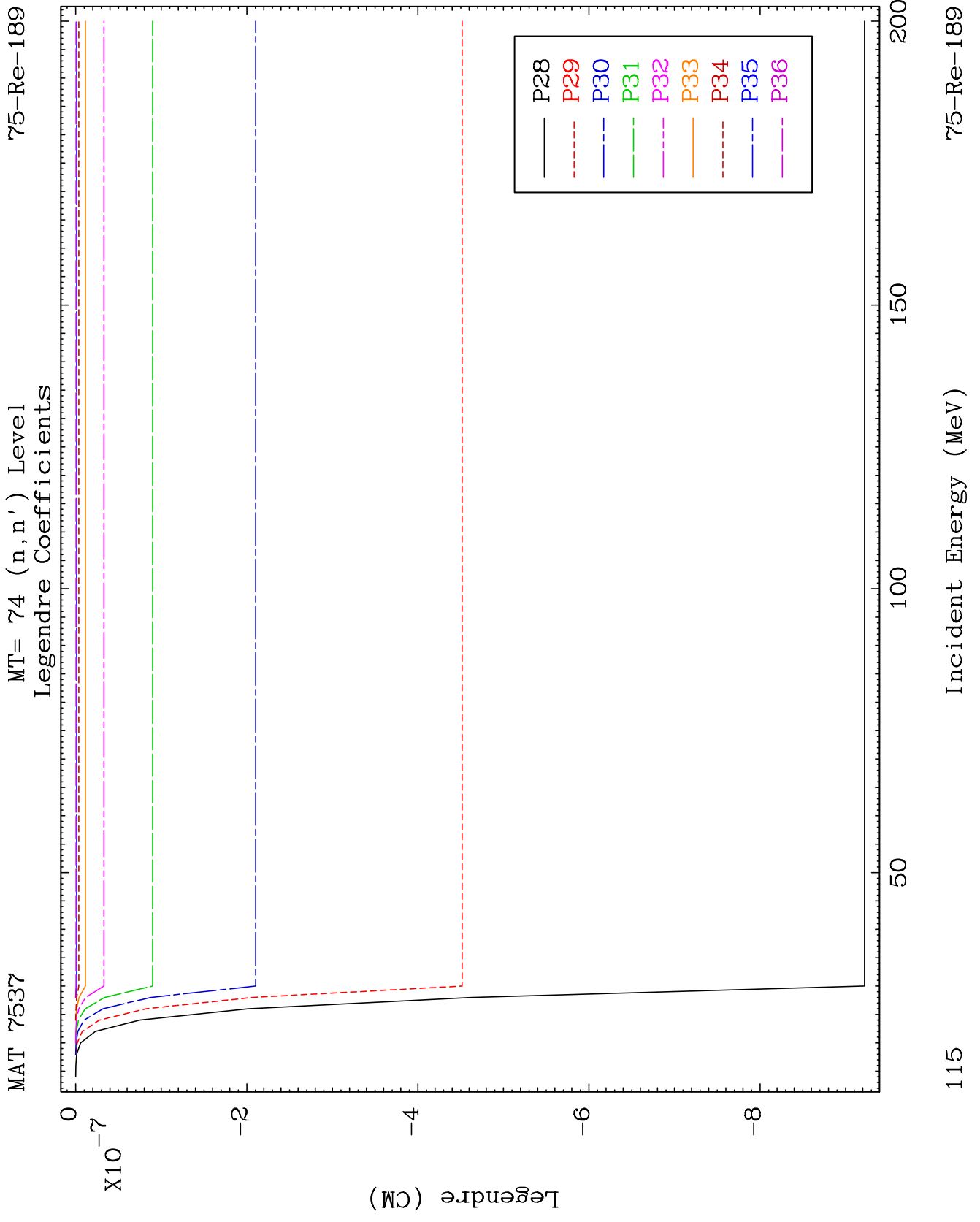
MT= 74 (n,n') Level
Legendre Coefficients

75-Re-189



114

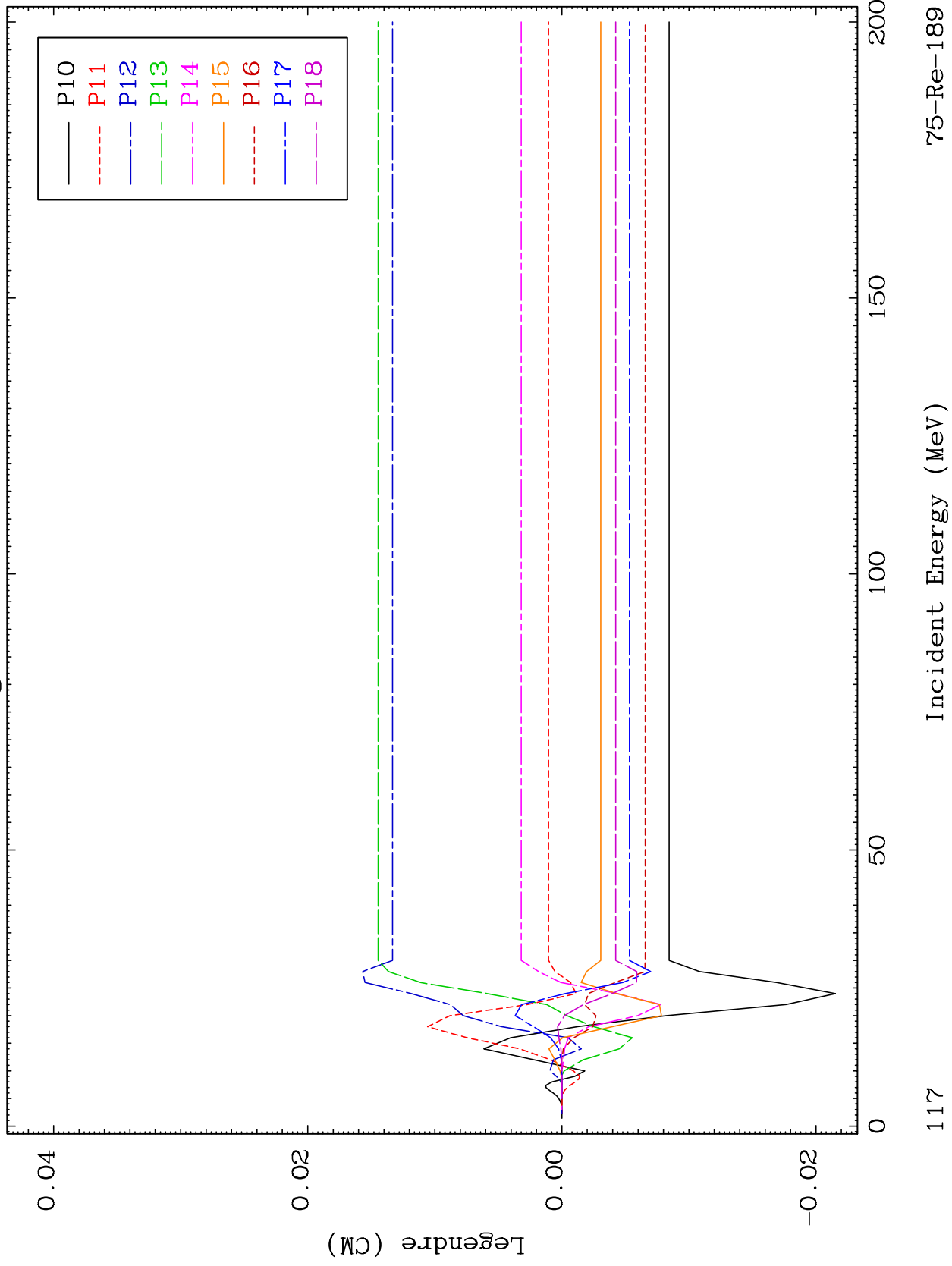
75-Re-189



MAT 7537

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

75-Re-189



75-Re-189

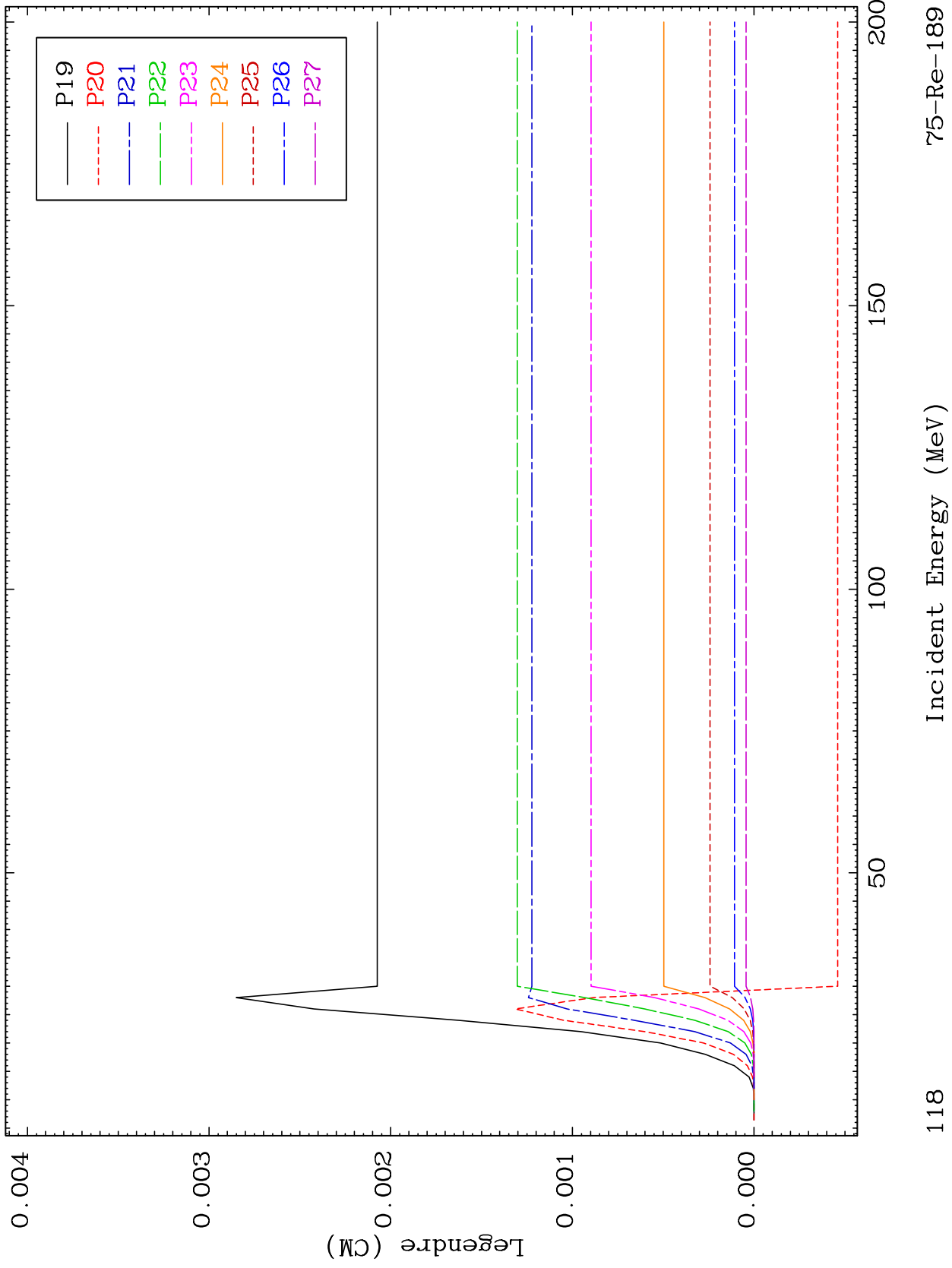
Incident Energy (MeV)

117

MAT 7537

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

75-Re-189



118

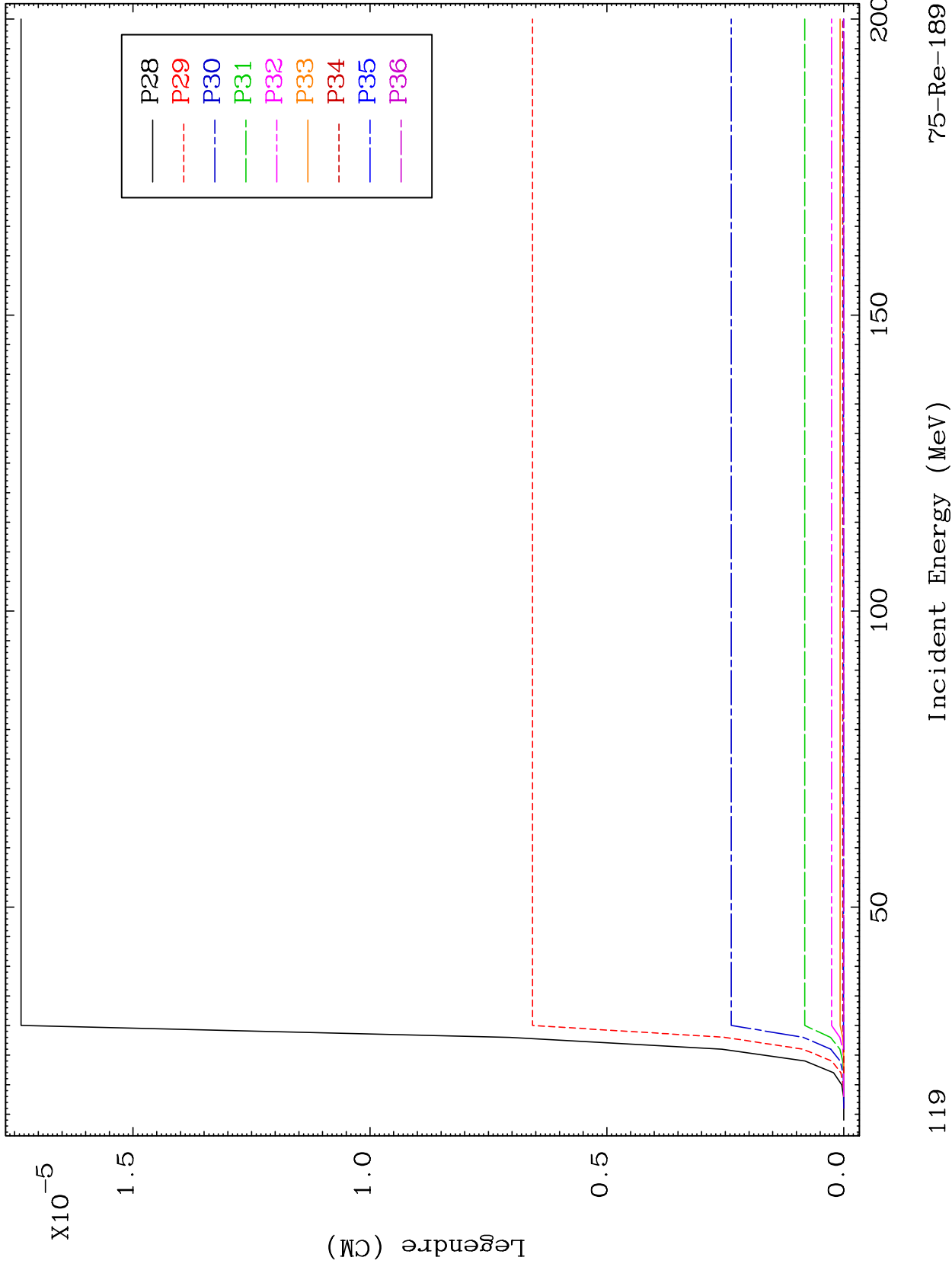
Incident Energy (MeV)

75-Re-189

MAT 7537

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

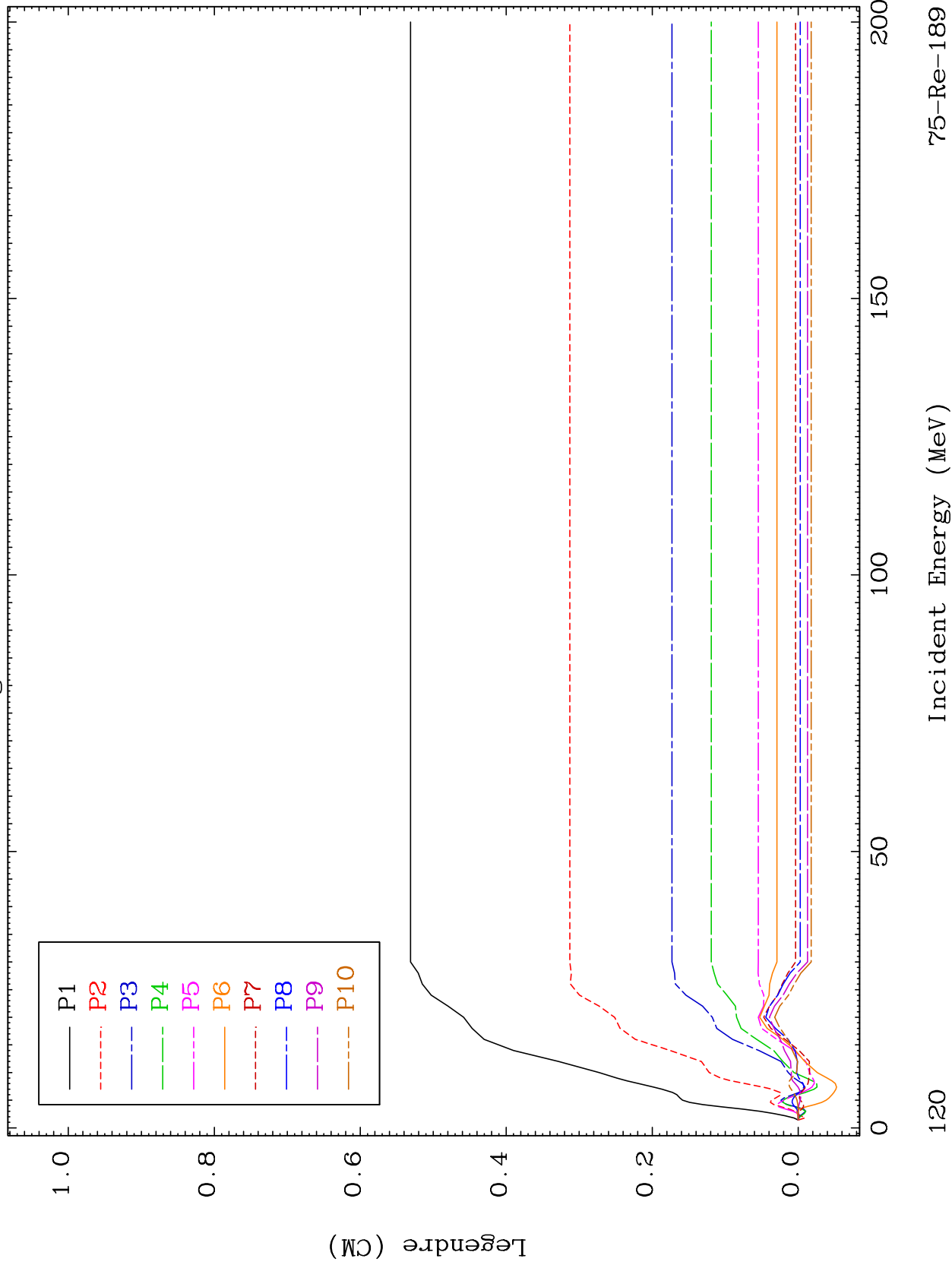
75-Re-189



MAT 7537

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

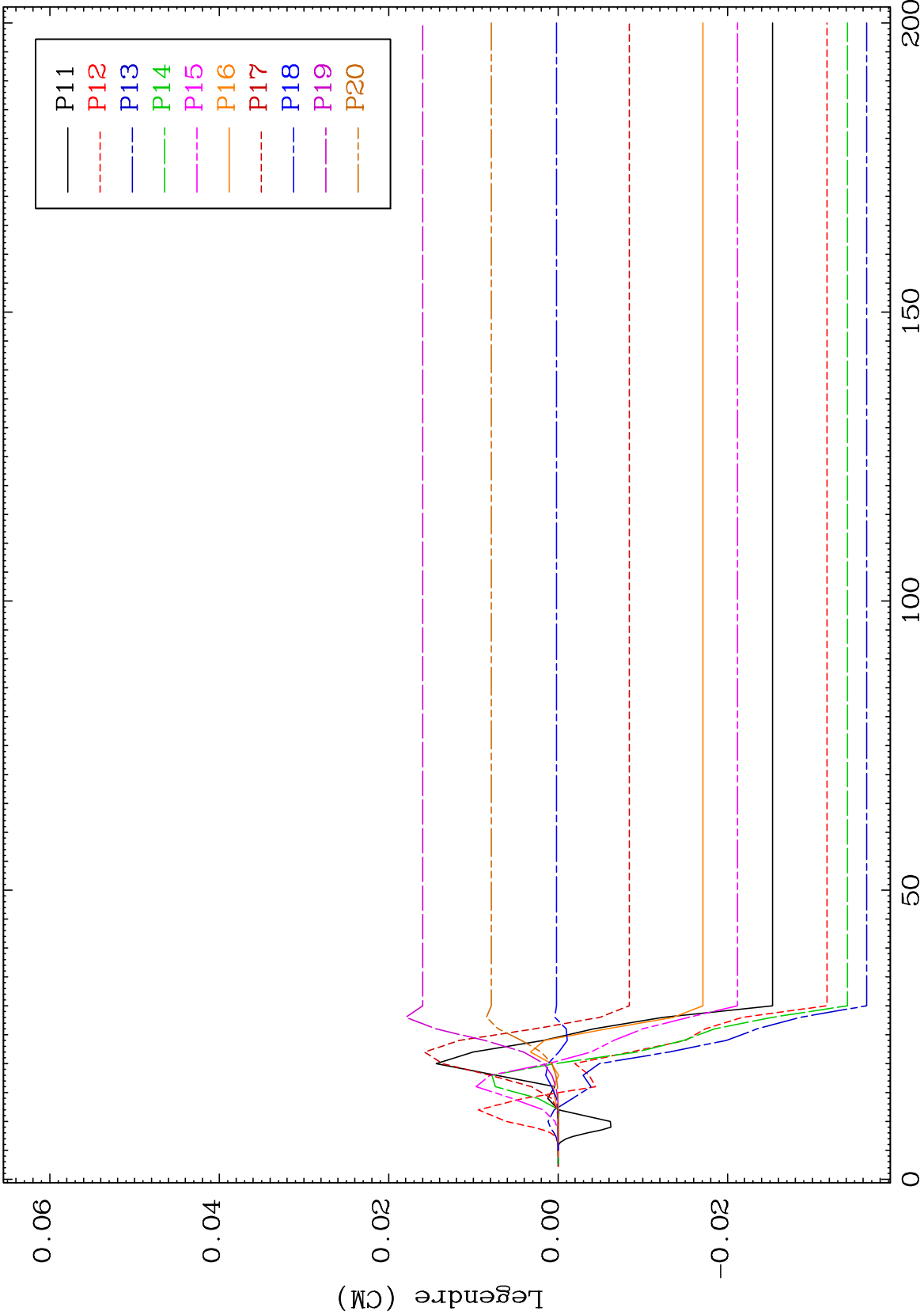
75-Re-189



MAT 7537

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

75-Re-189



121

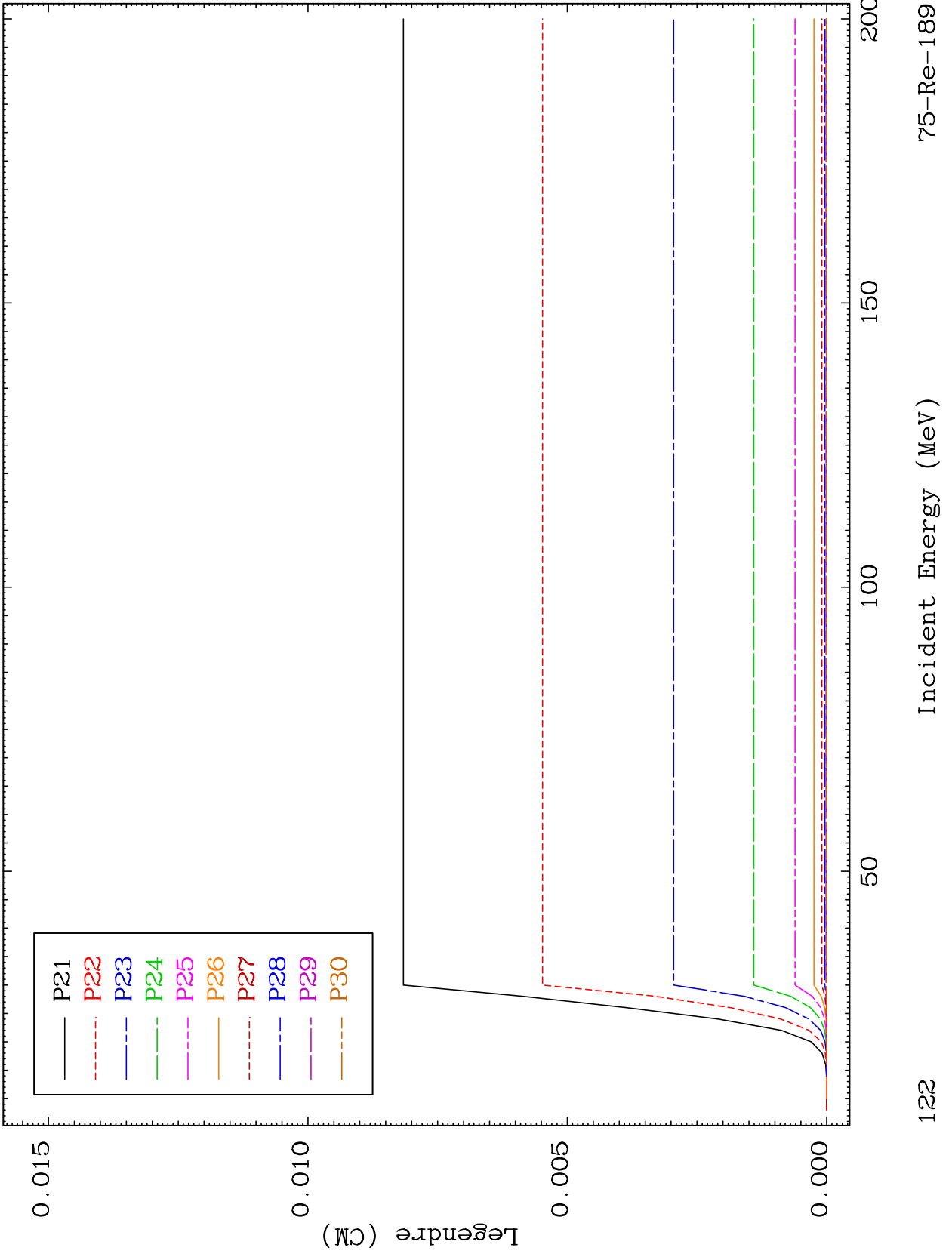
Incident Energy (MeV)

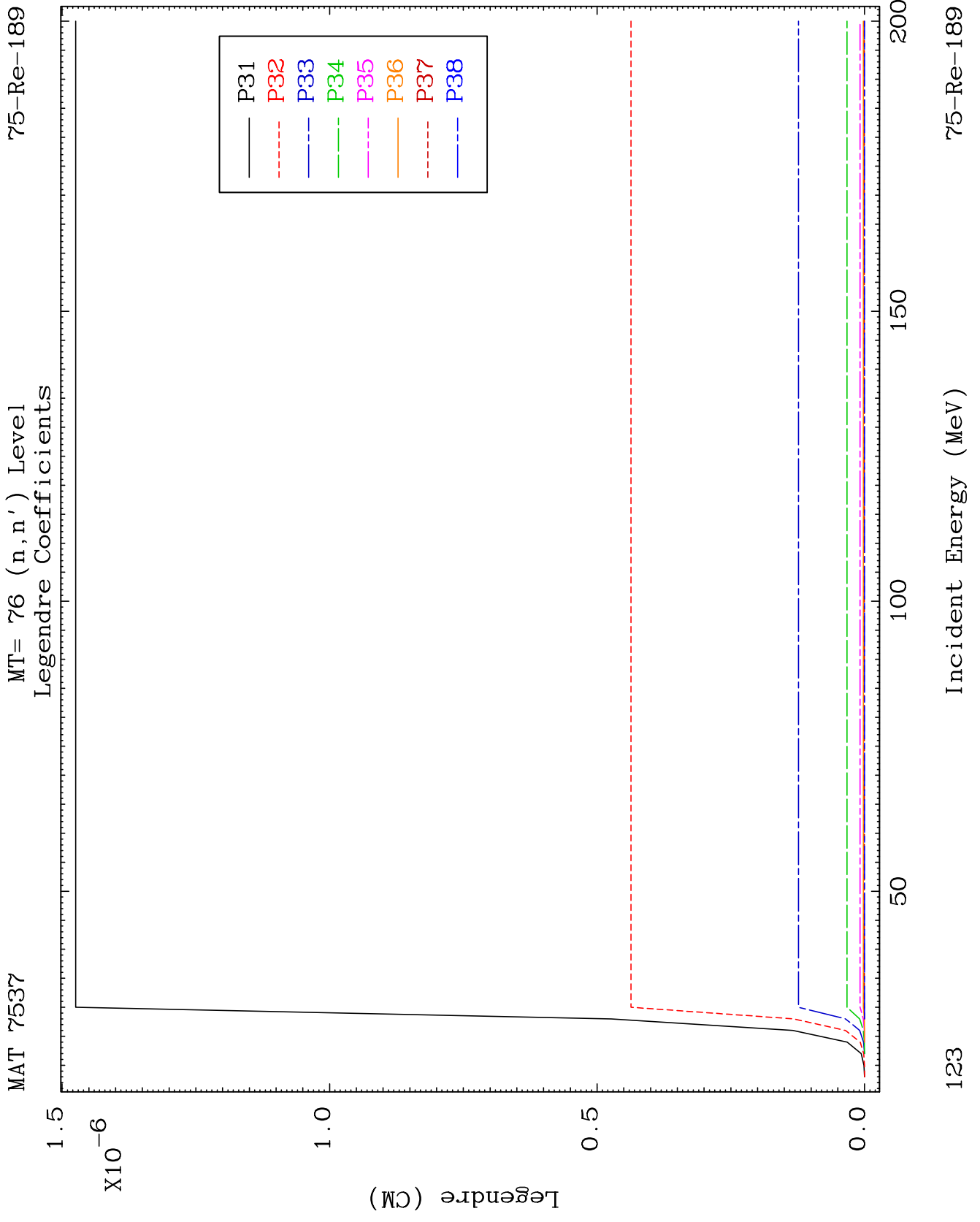
75-Re-189

MAT 7537

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

75-Re-189



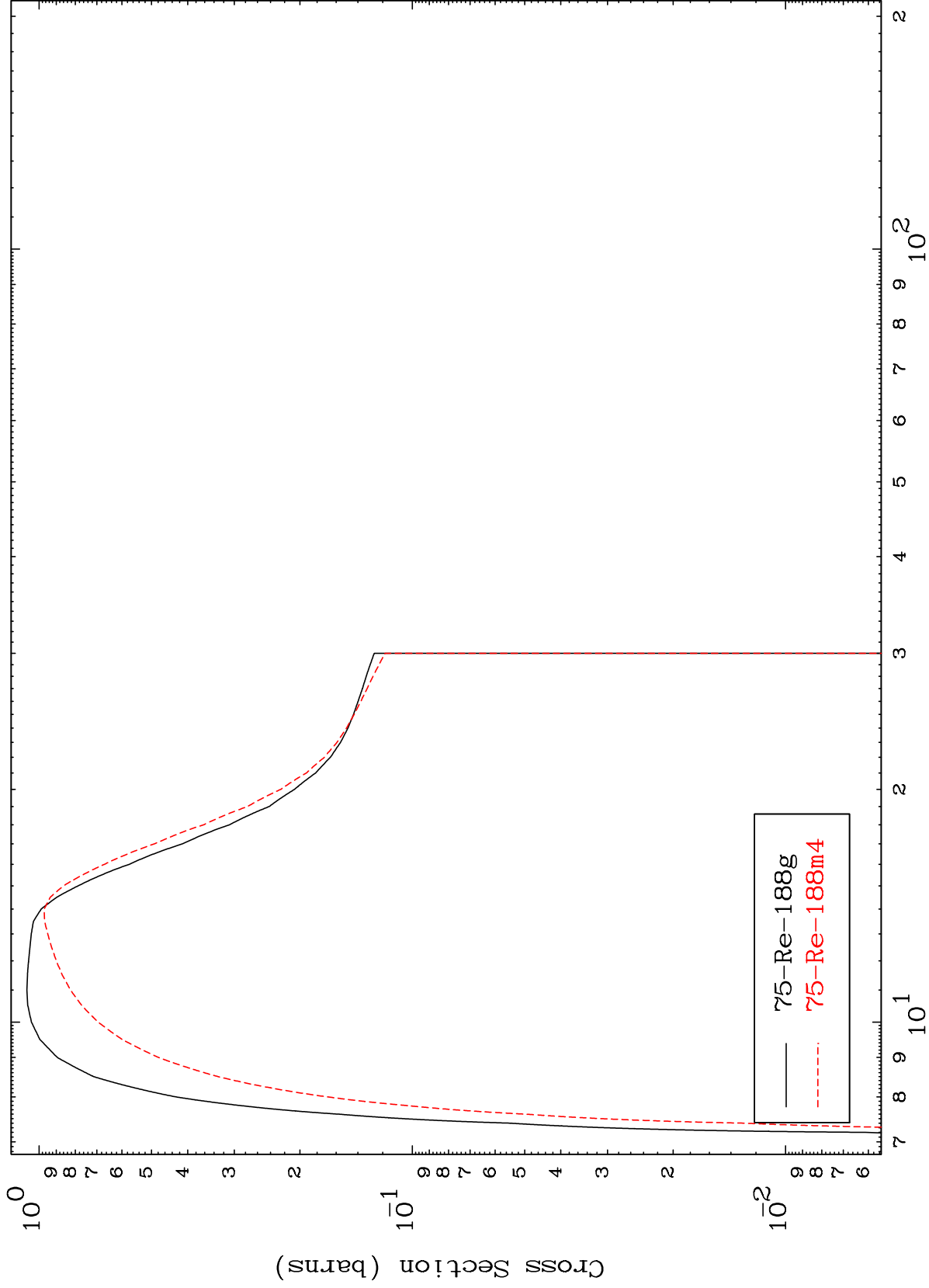


MAT 7537

(n,2n)

75-Re-189

Radionuclide Production Cross Section



124

Incident Energy (MeV)

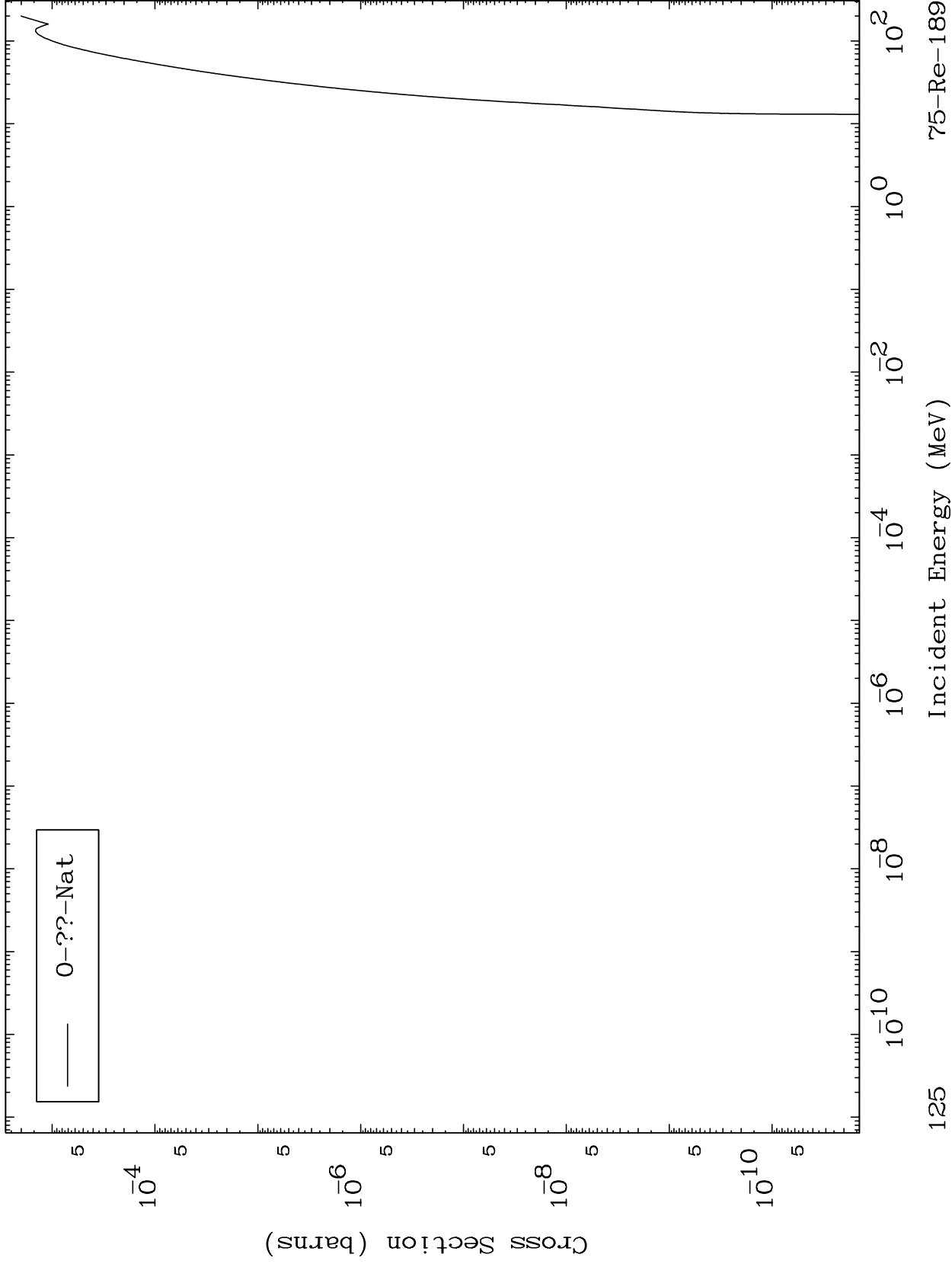
75-Re-189

MAT 7537

Fission

⁷⁵Re-189

Radionuclide Production Cross Section



125

Incident Energy (MeV)

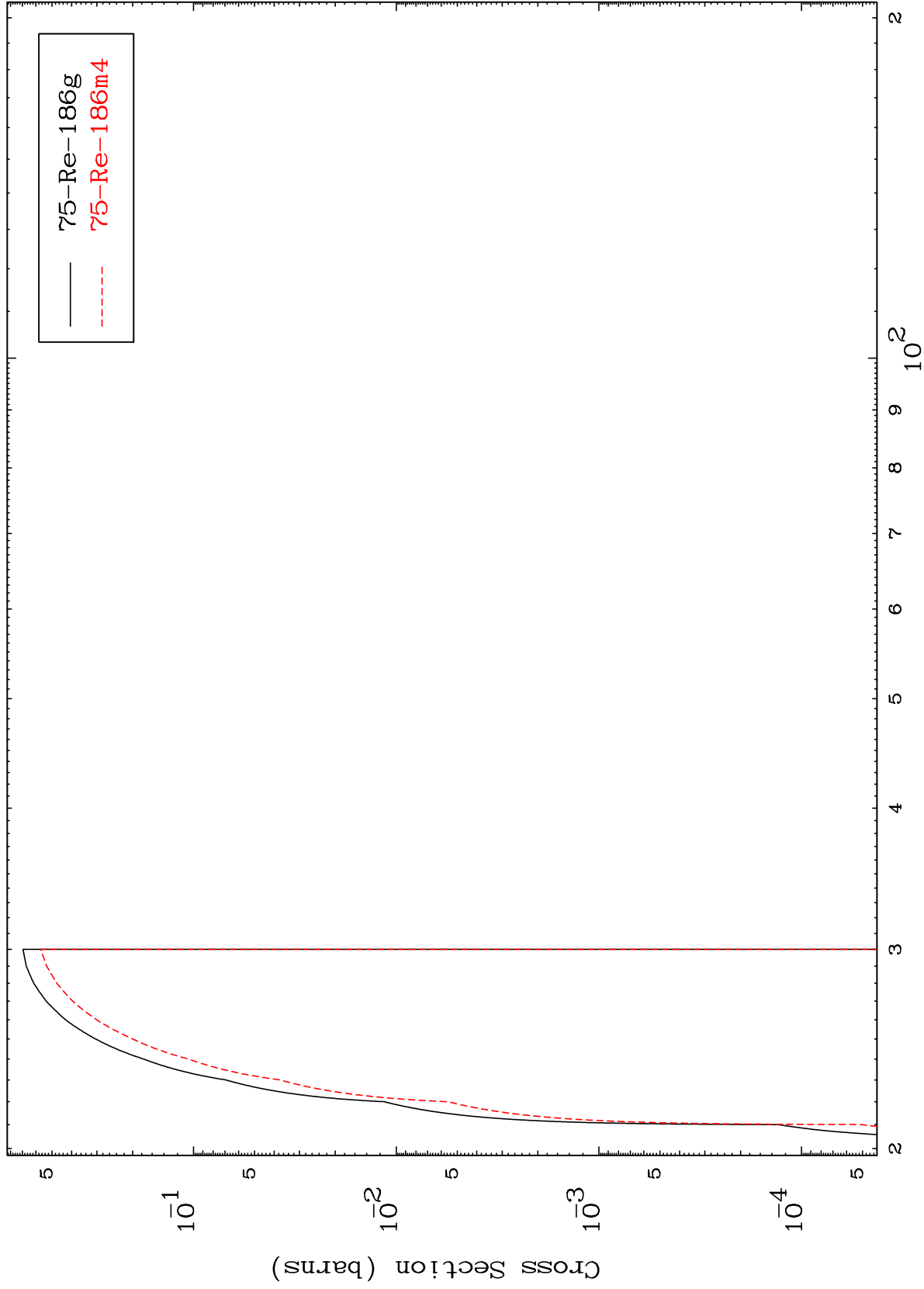
⁷⁵Re-189

MAT 7537

(n,4n)

75-Re-189

Radionuclide Production Cross Section



126

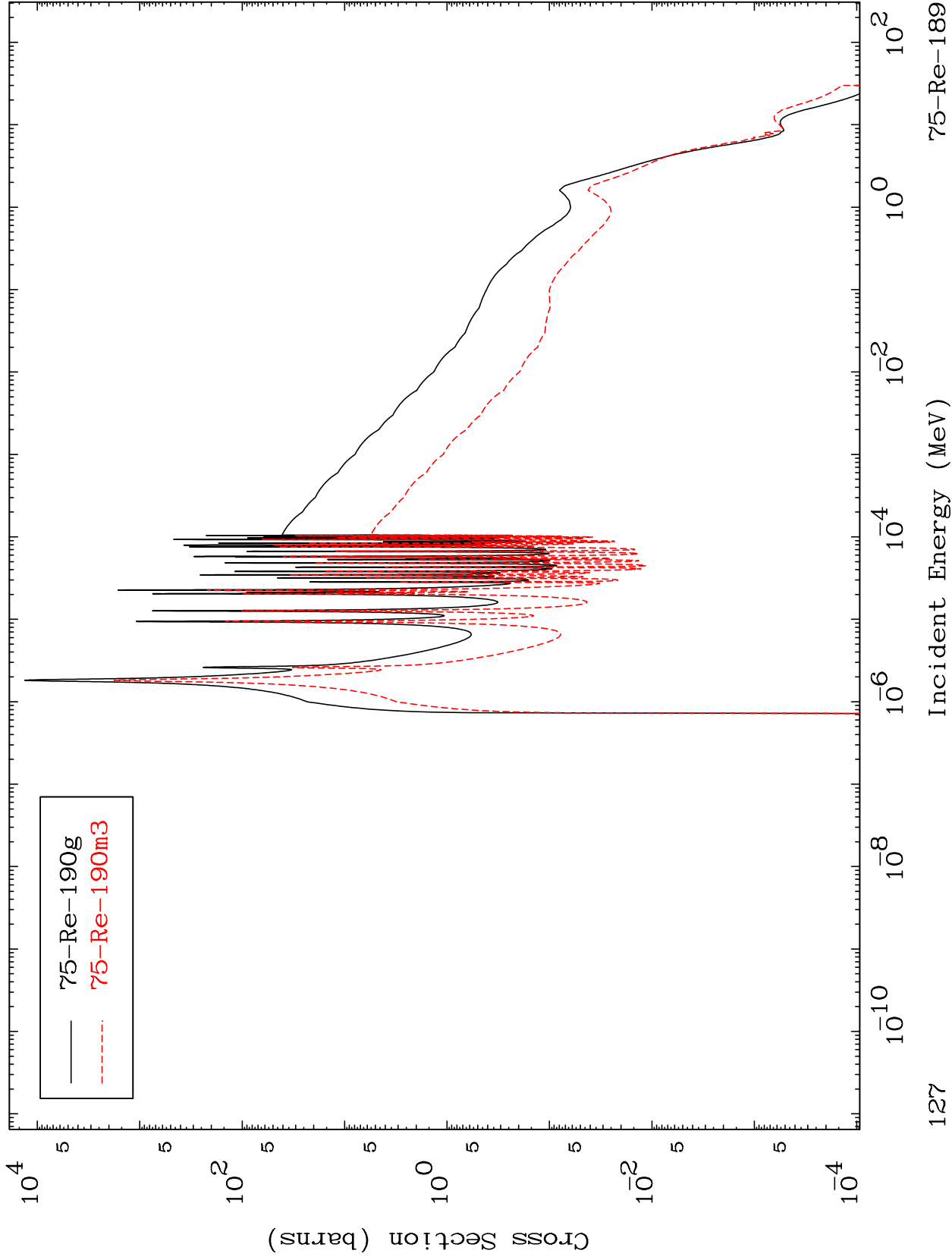
Incident Energy (MeV)

75-Re-189

MAT 7537

75-Re-189

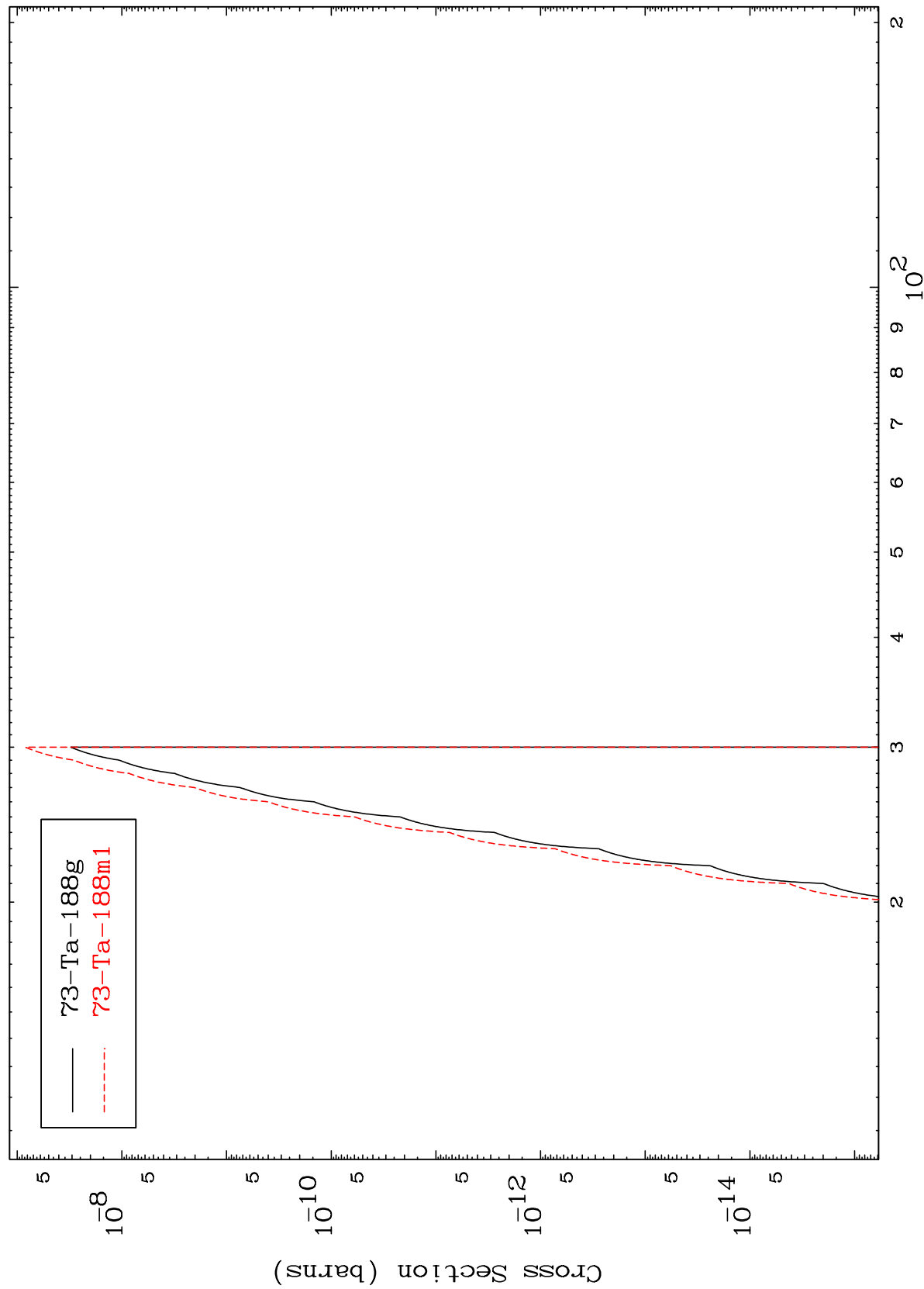
Radionuclide Production Cross Section



MAT 7537

75-Re-189

(n,2p)
Radionuclide Production Cross Section



128

75-Re-189

Incident Energy (MeV)