

Program EVALPLOT
(Version 2018-1)

by

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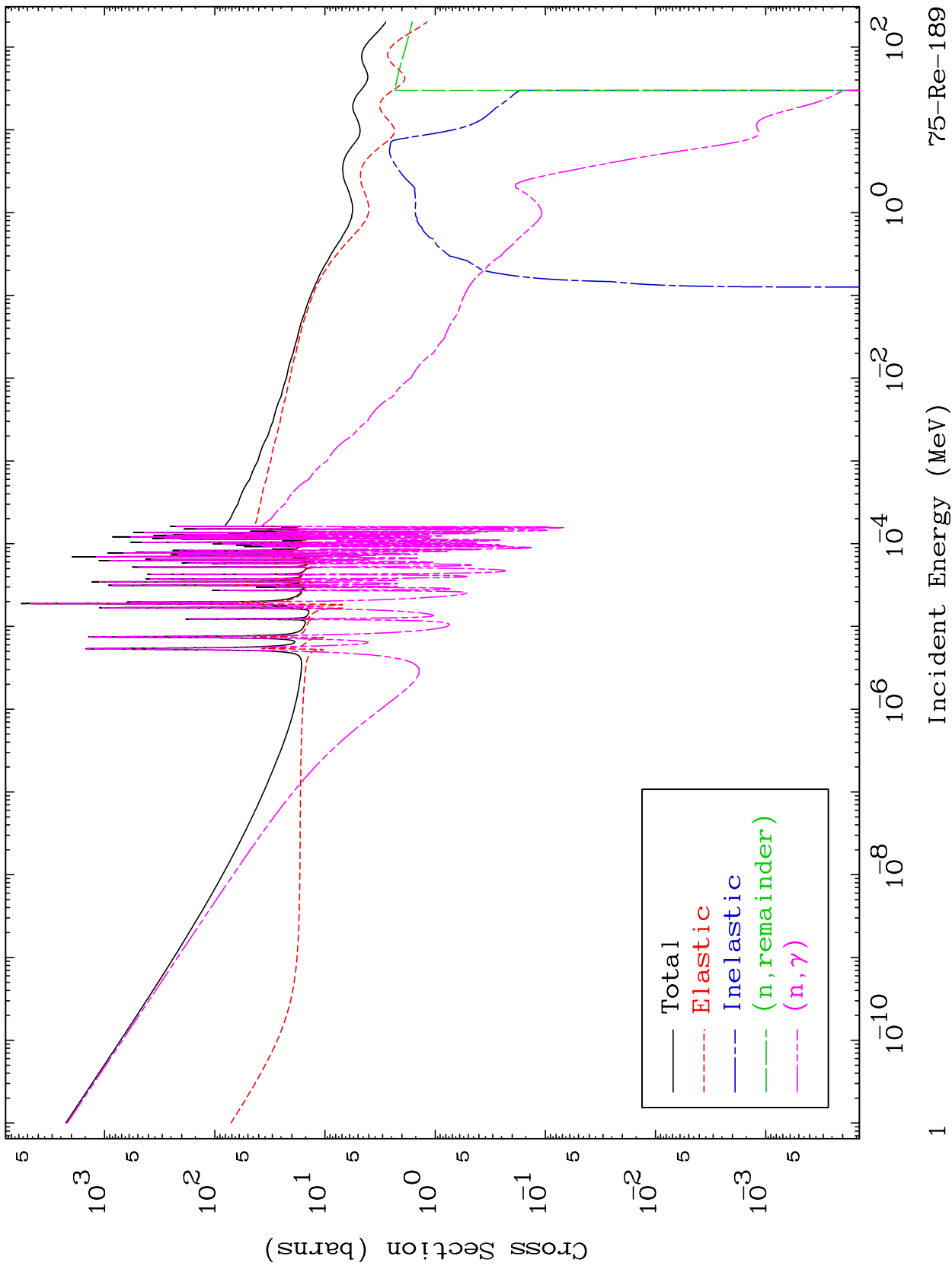
Press Mouse Button to Start

MAT 7537

Major

293 Kelvin Cross Sections

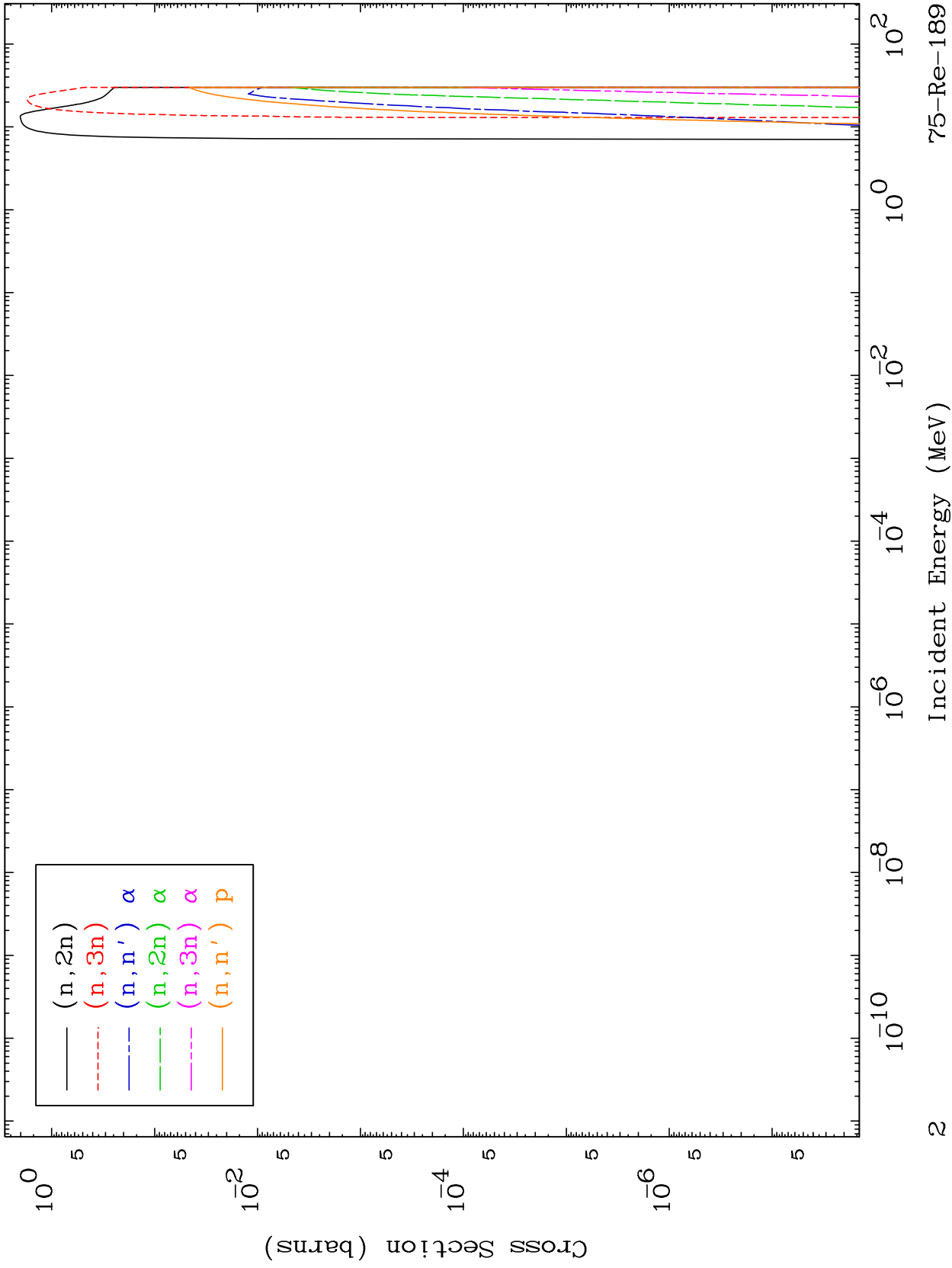
75-Re-189

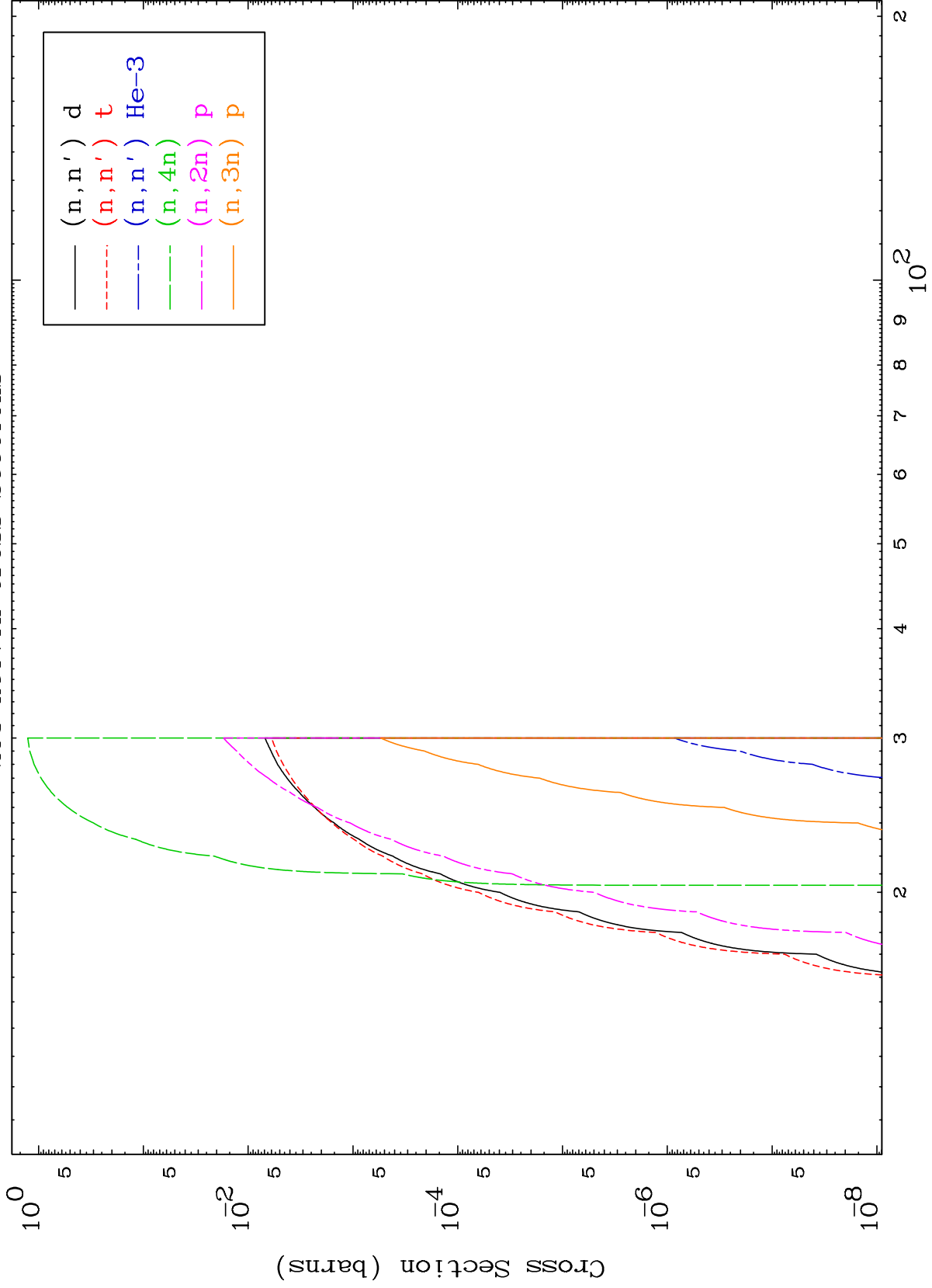


MAT 7537

Neutron Production
293 Kelvin Cross Sections

75-Re-189

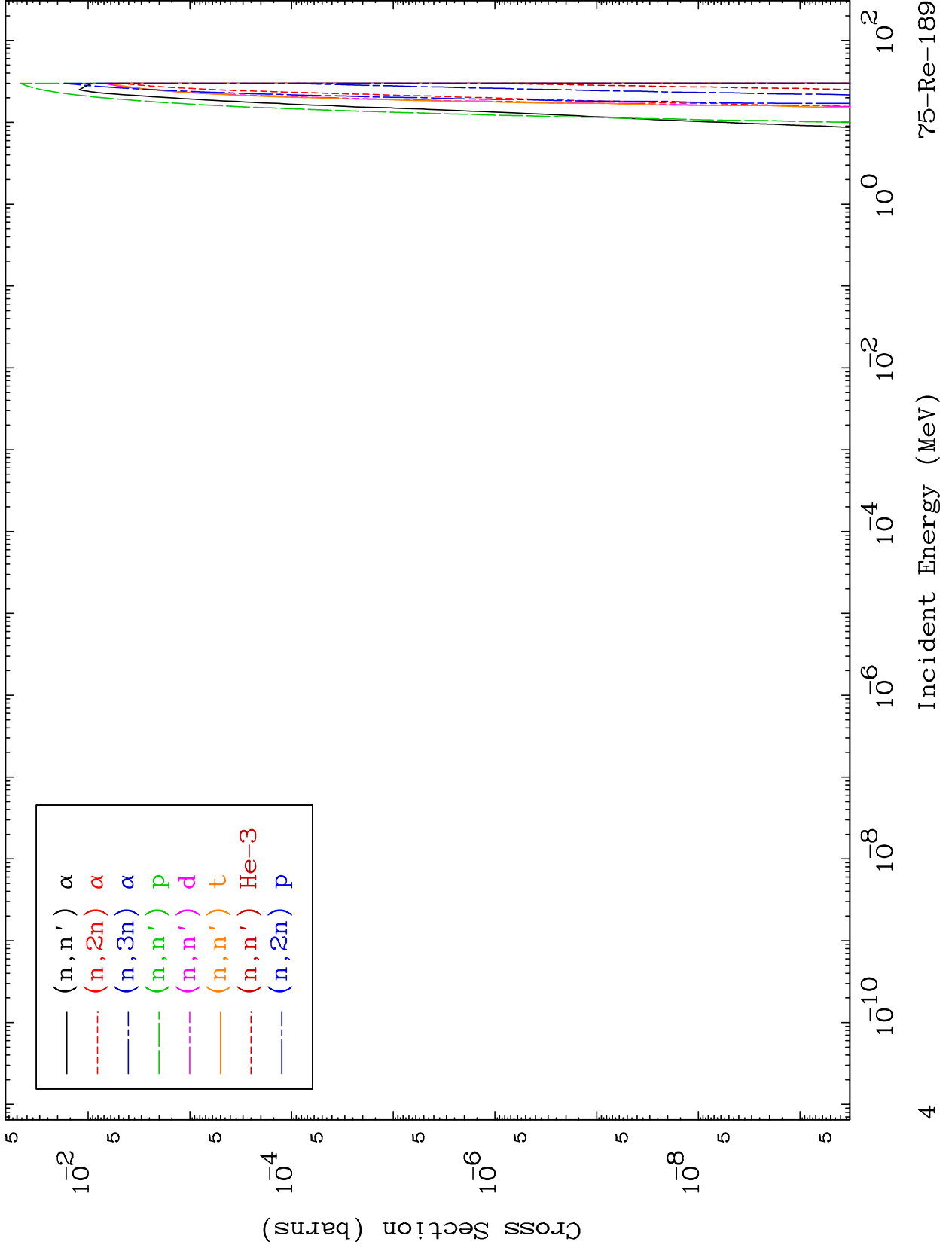




MAT 7537

Charged Particle
293 Kelvin Cross Sections

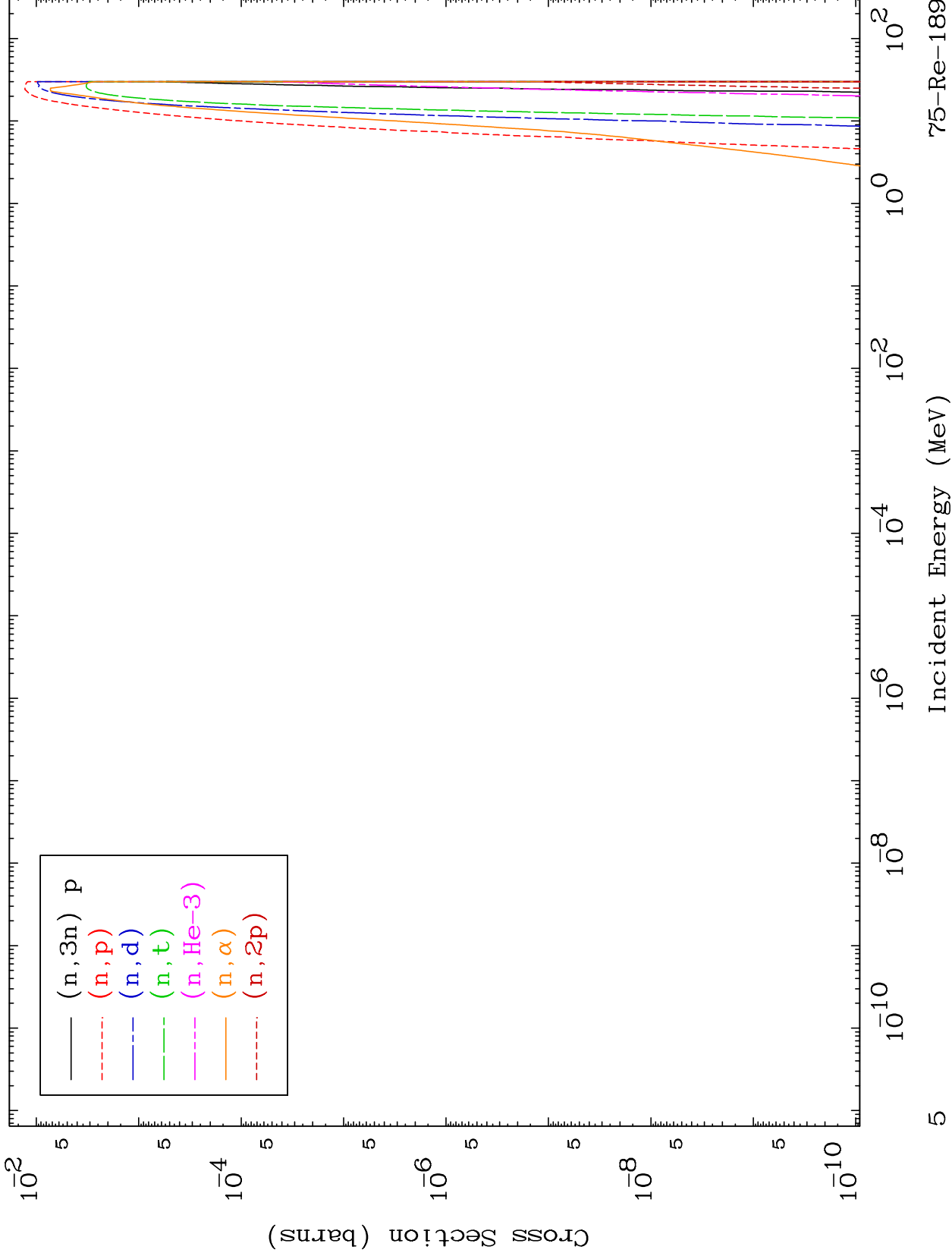
75-Re-189



MAT 7537

Charged Particle
293 Kelvin Cross Sections

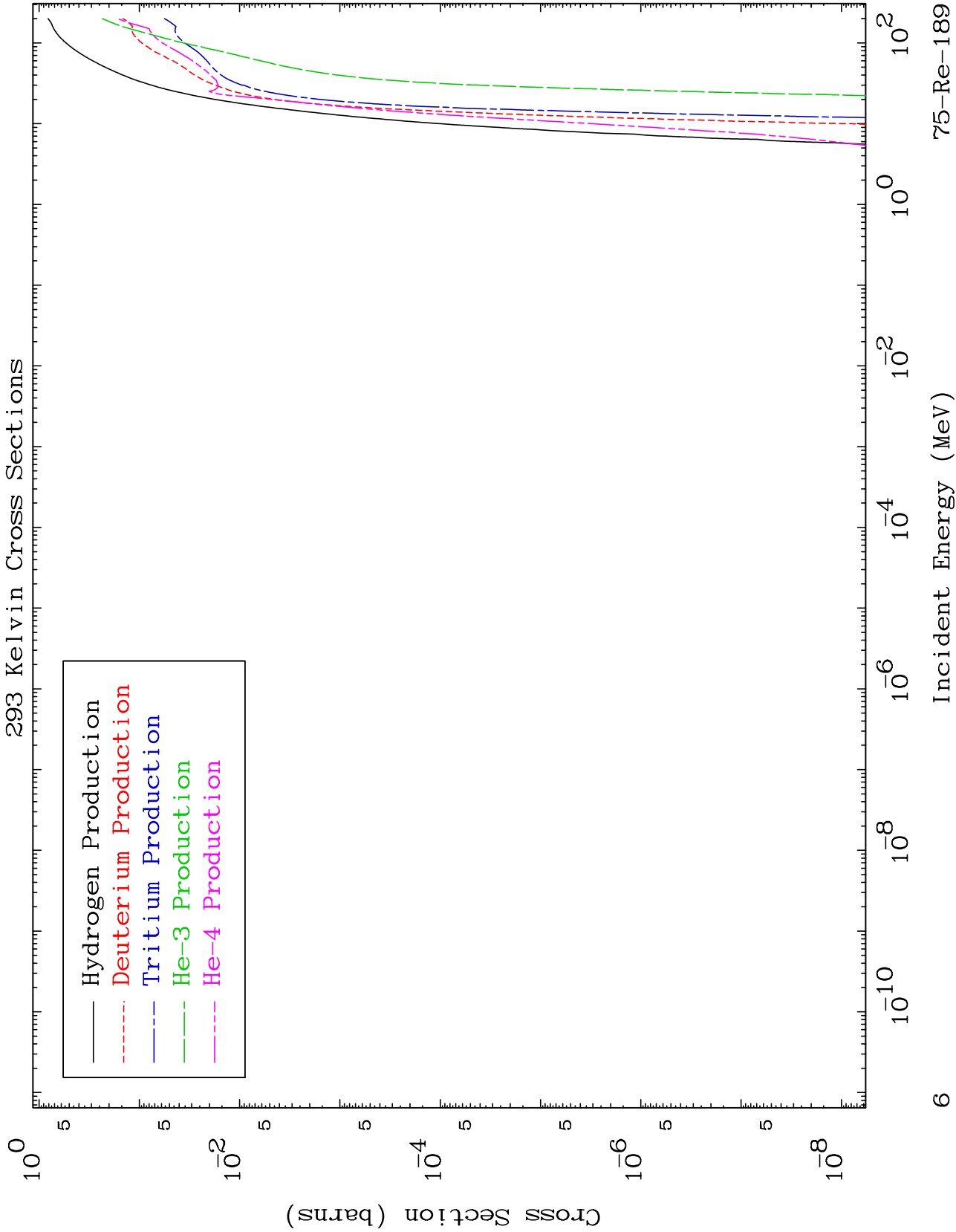
75-Re-189



MAT 7537

Particle Production
293 Kelvin Cross Sections

75-Re-189

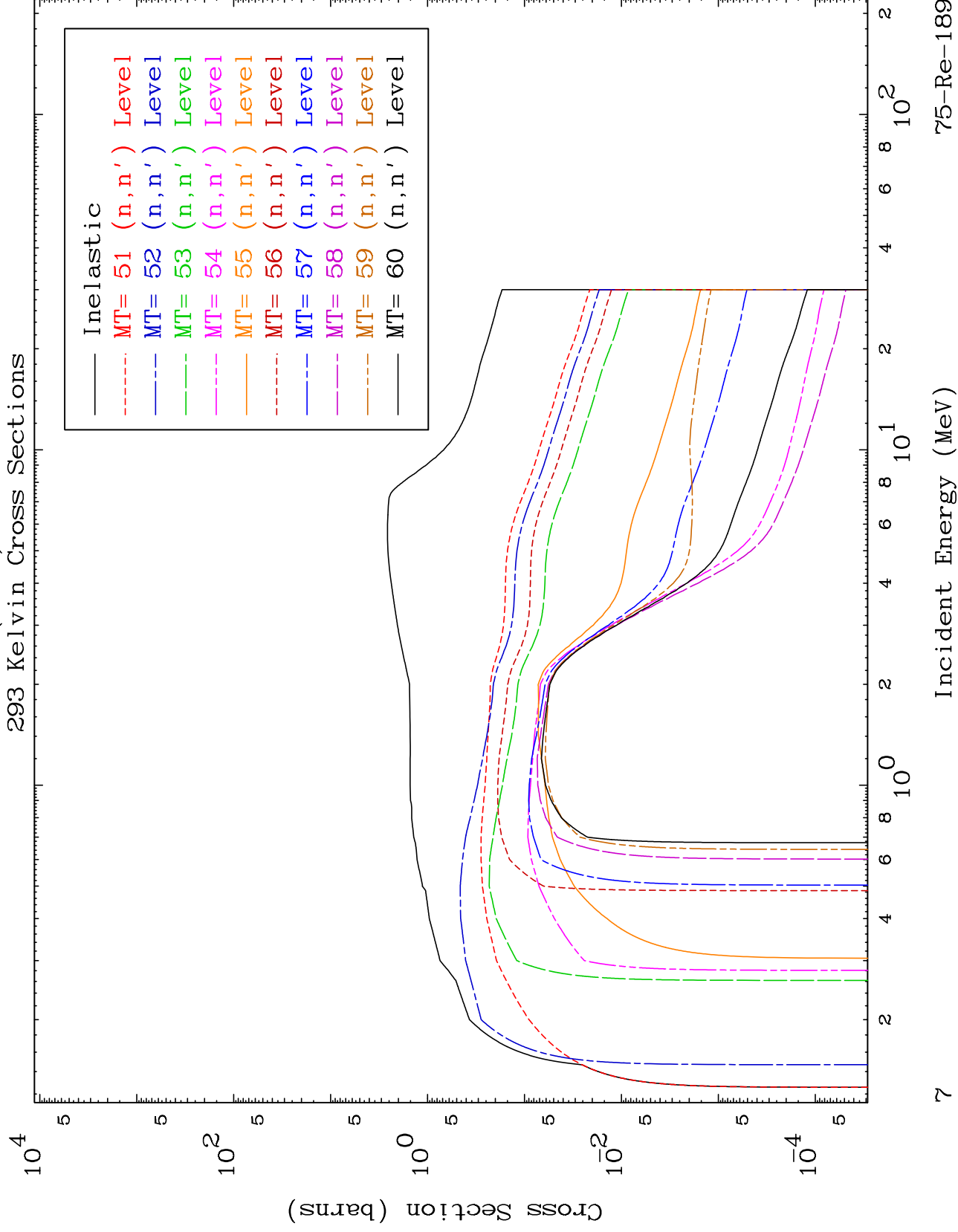


MAT 7537

(n,n') Level

293 Kelvin Cross Sections

75-Re-189

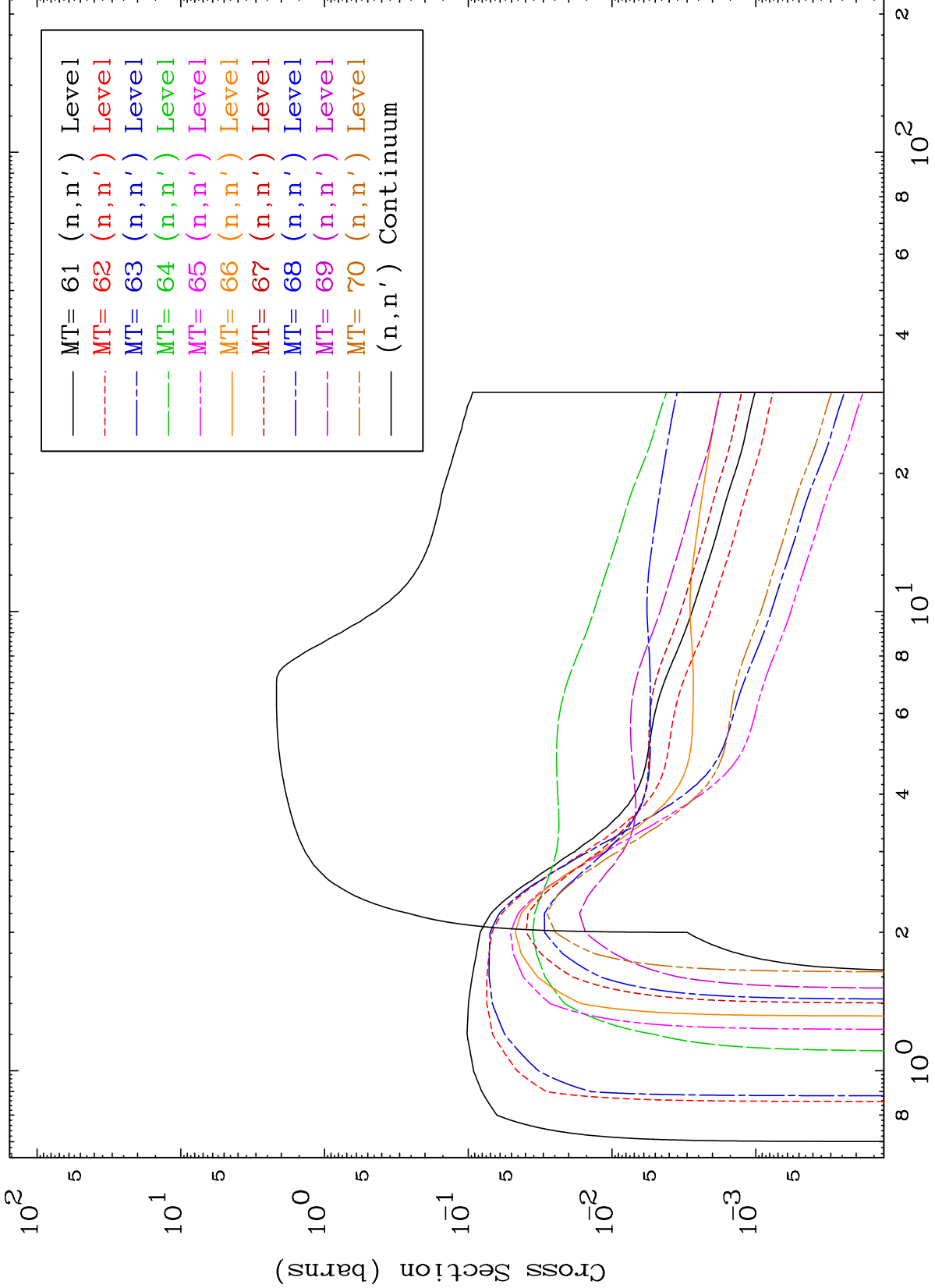


MAT 7537

(n,n') Level

75-Re-189

293 Kelvin Cross Sections



8

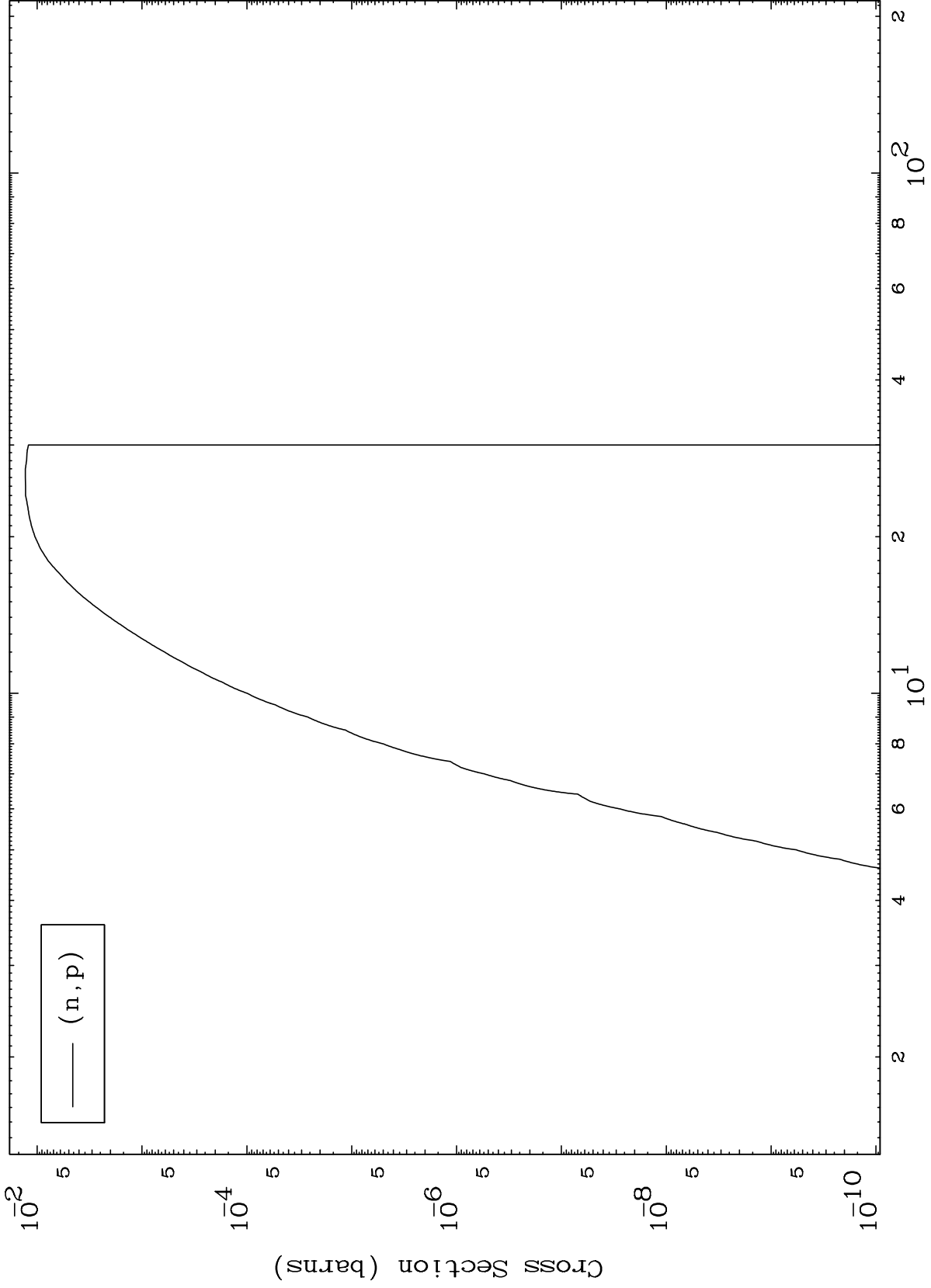
Incident Energy (MeV)

75-Re-189

MAT 7537

(n,p) Levels
293 Kelvin Cross Sections

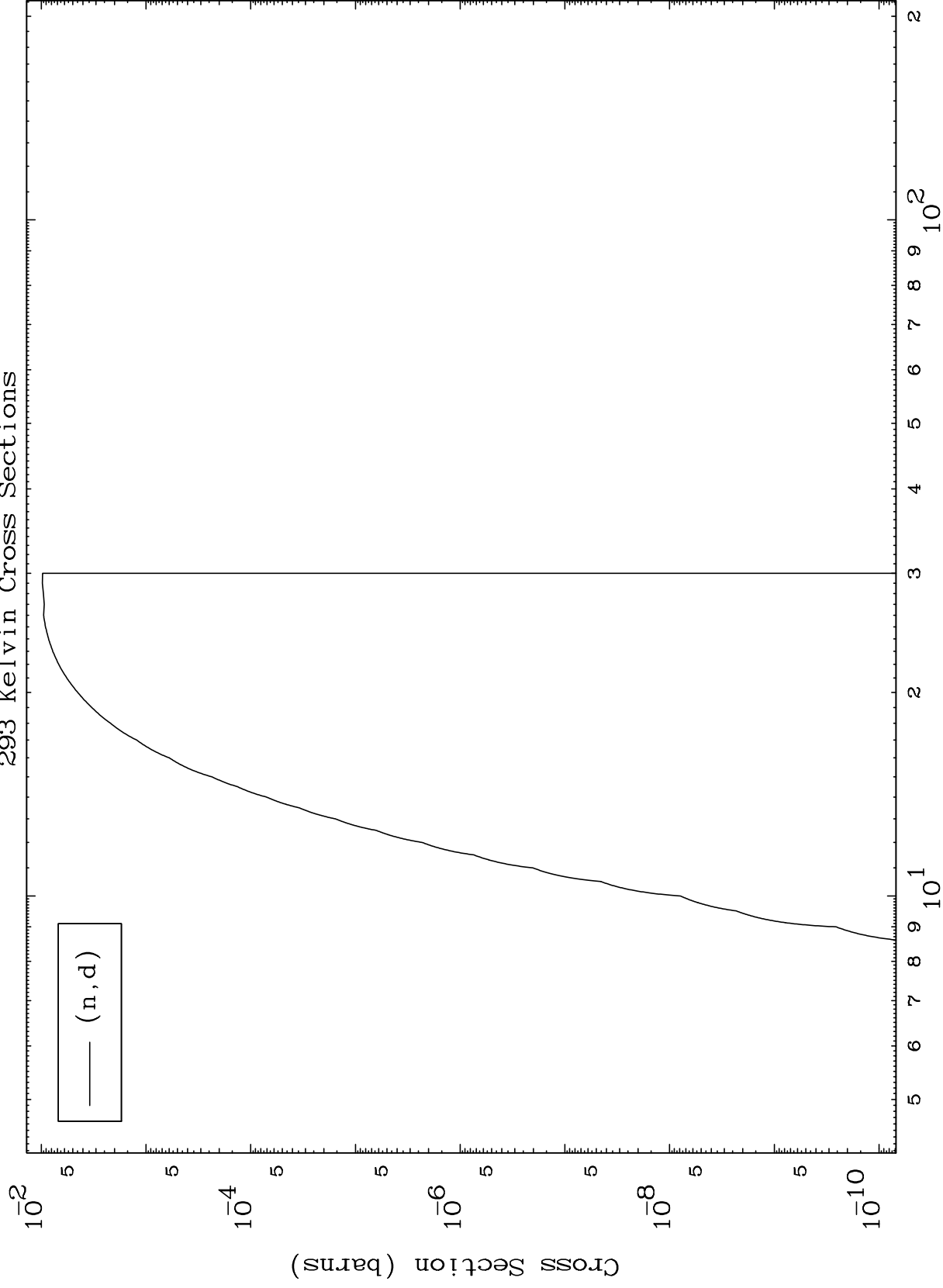
75-Re-189



MAT 7537

(n,d) Levels
293 Kelvin Cross Sections

75-Re-189



10

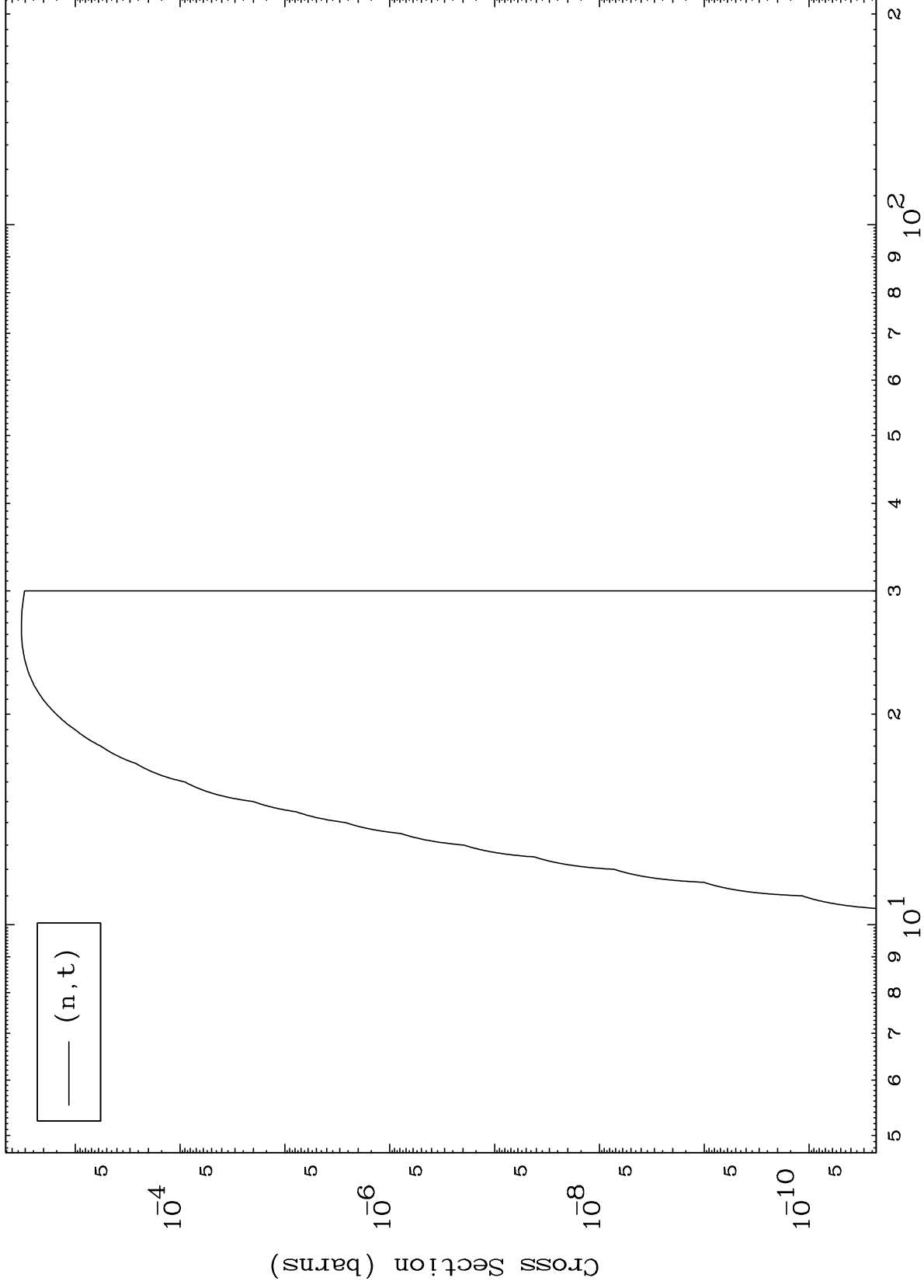
Incident Energy (MeV)

75-Re-189

MAT 7537

(n,t) Levels
293 Kelvin Cross Sections

75-Re-189



11

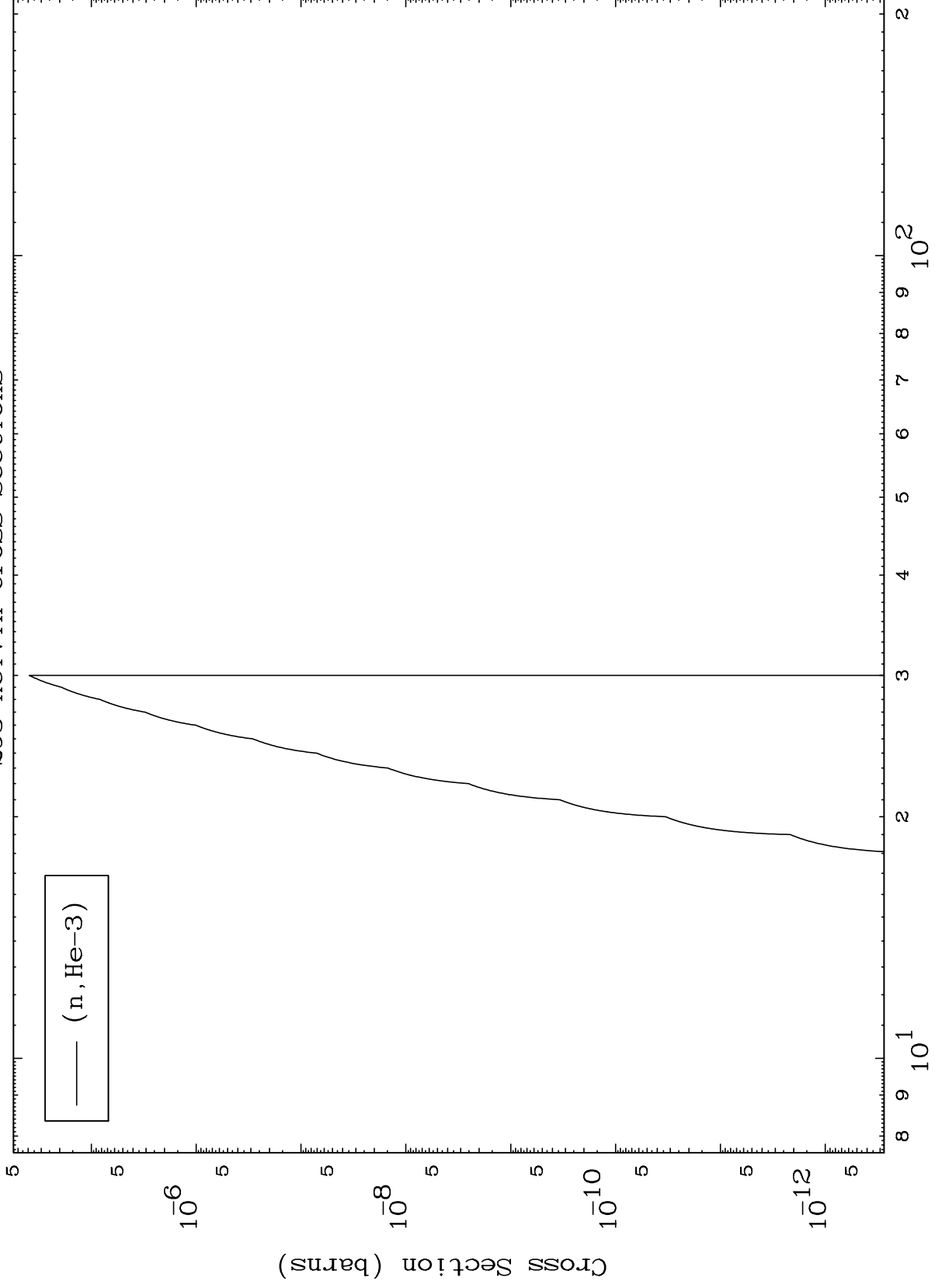
Incident Energy (MeV)

75-Re-189

MAT 7537

(n,He3) Levels
293 Kelvin Cross Sections

75-Re-189



12

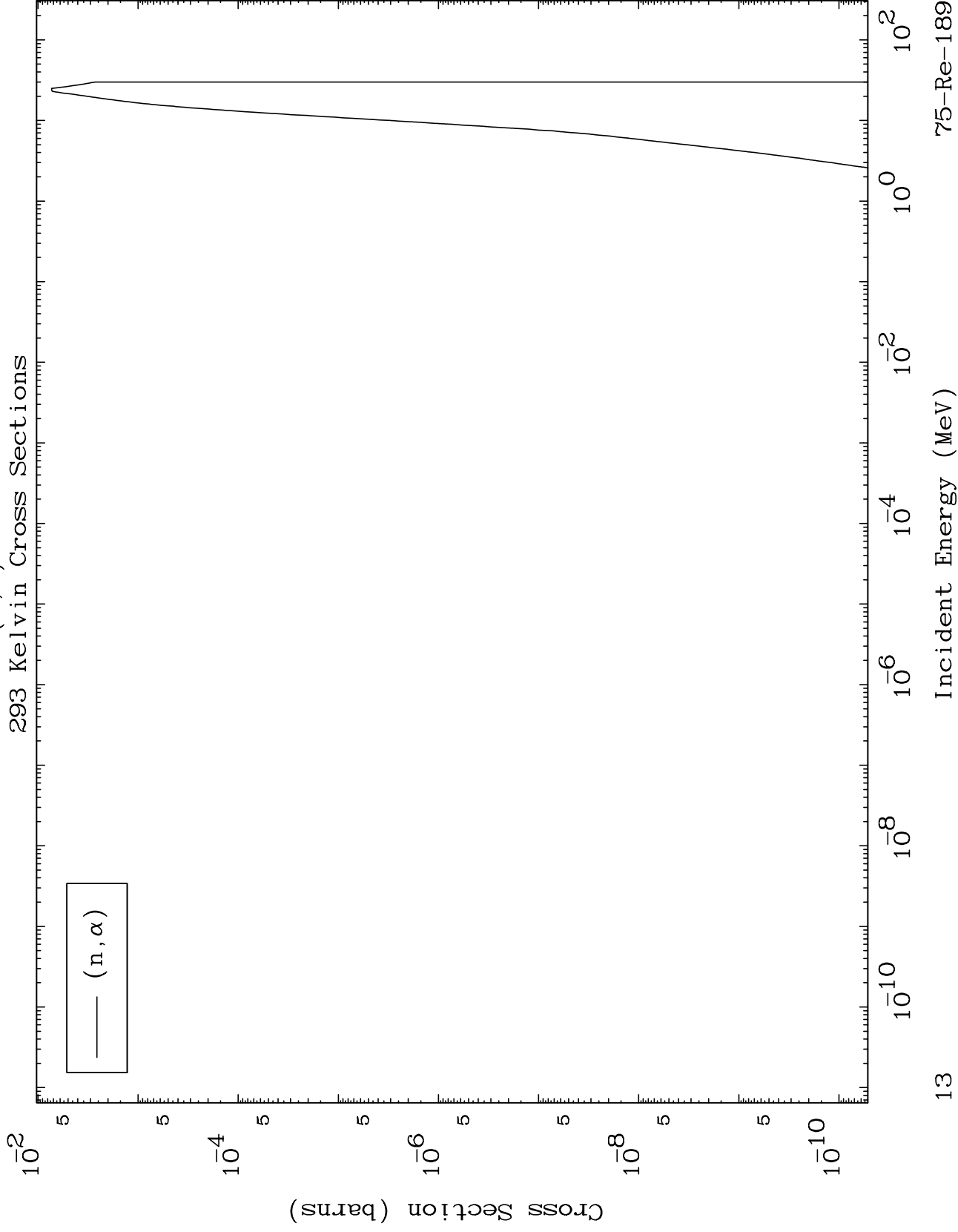
Incident Energy (MeV)

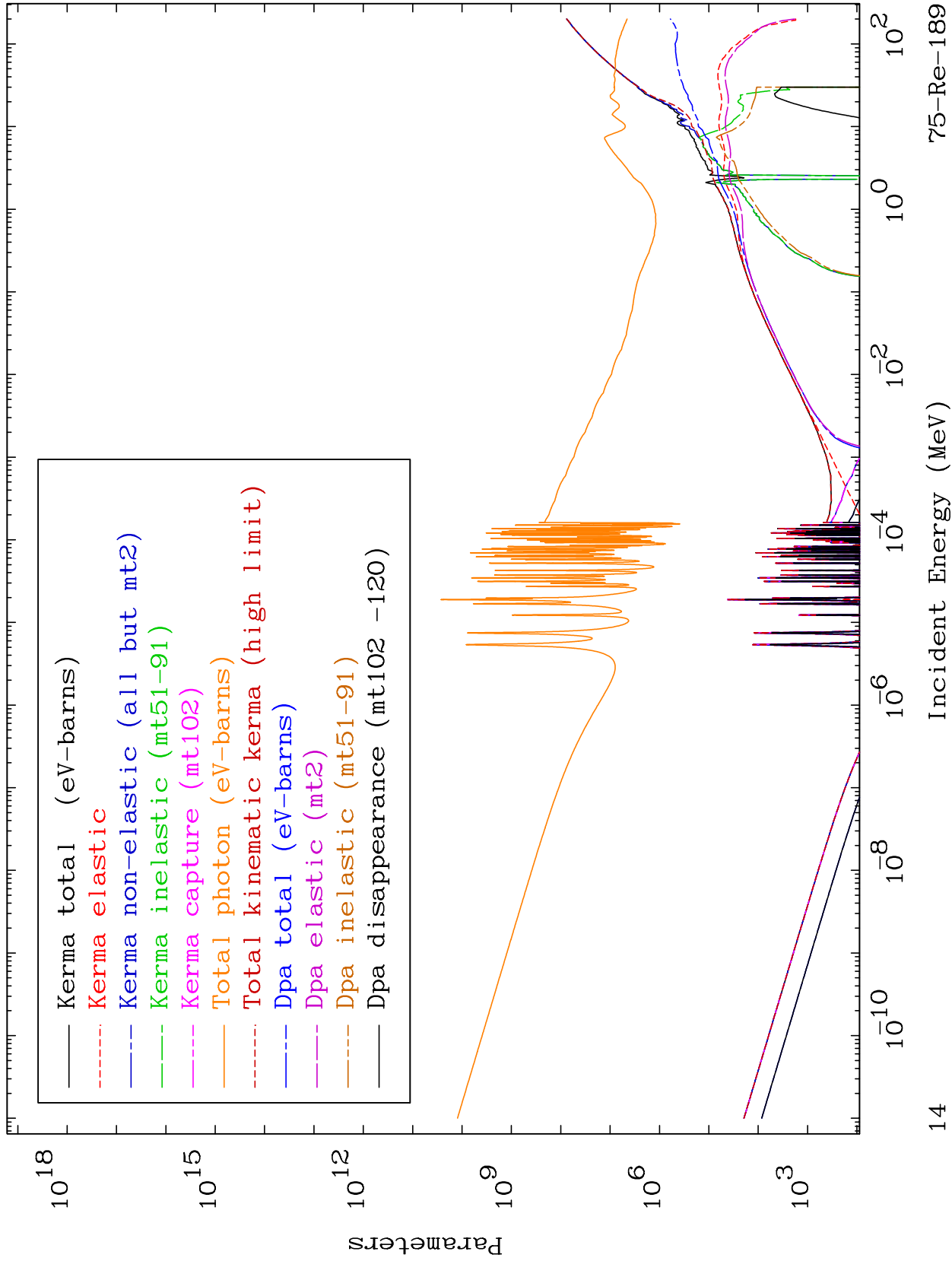
75-Re-189

MAT 7537

(n, α) Levels
293 Kelvin Cross Sections

75-Re-189

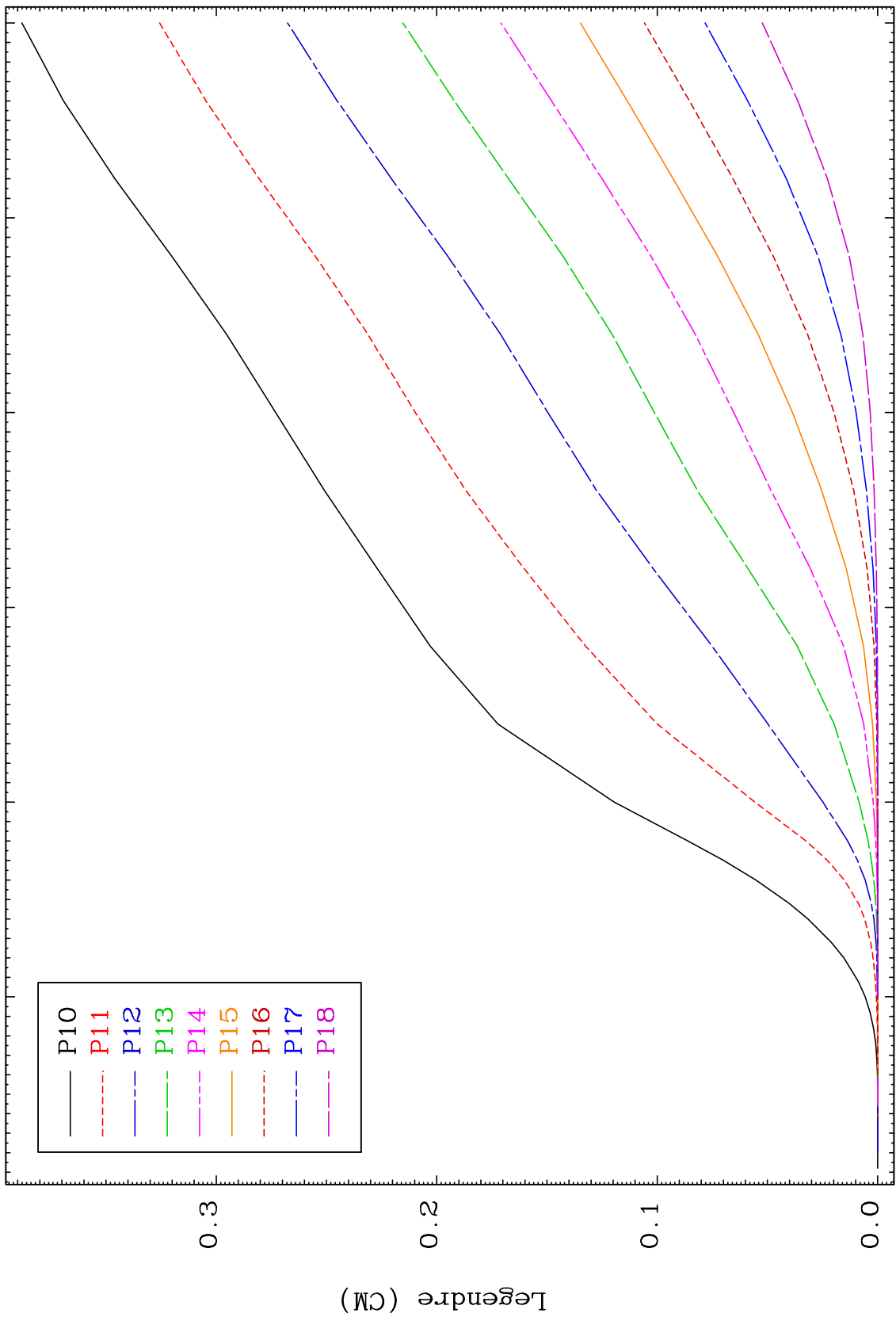




MAT 7537

Elastic Legendre Coefficients

⁷⁵Re-189



16

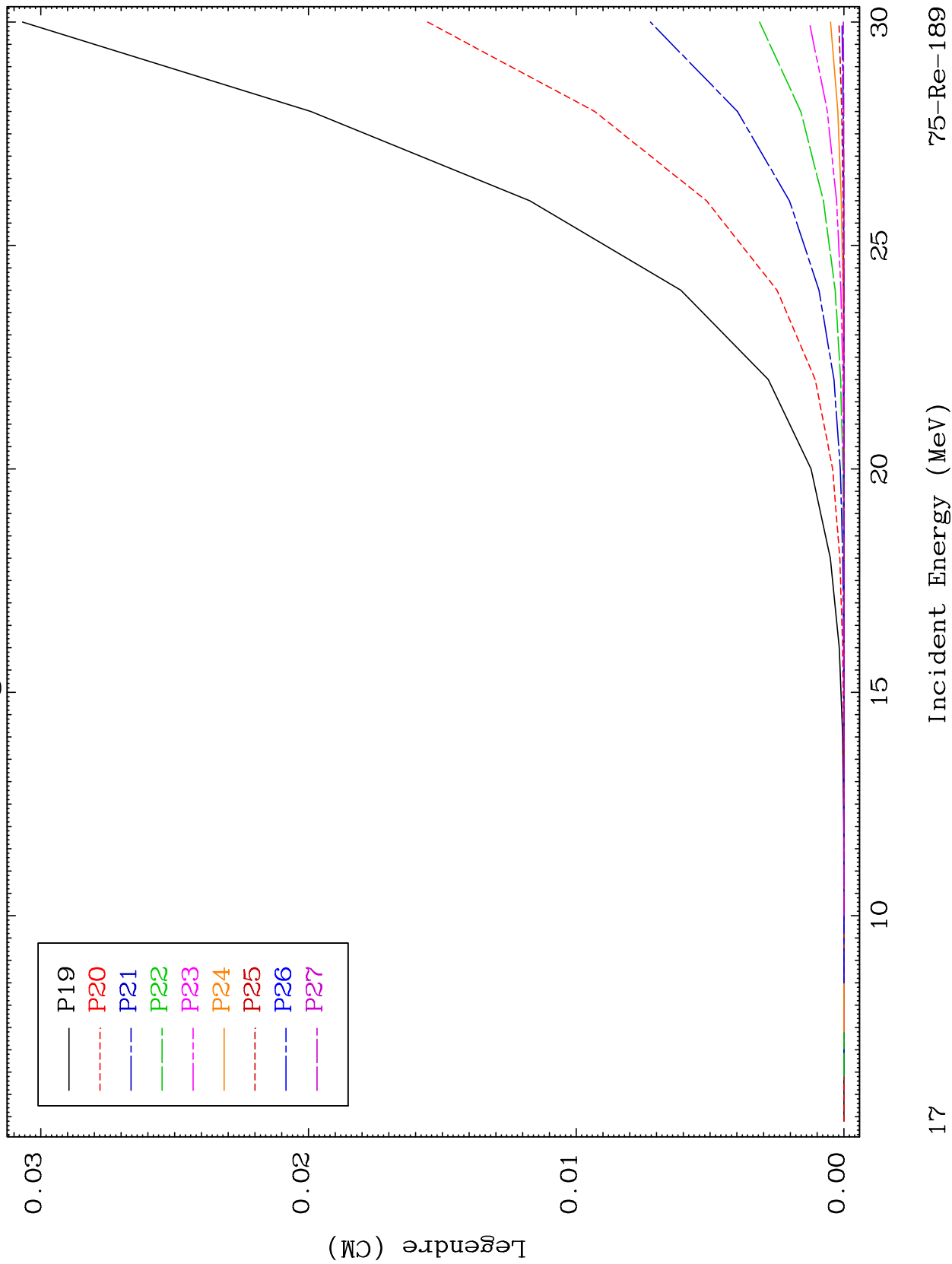
Incident Energy (MeV)

⁷⁵Re-189

MAT 7537

Elastic Legendre Coefficients

75-Re-189



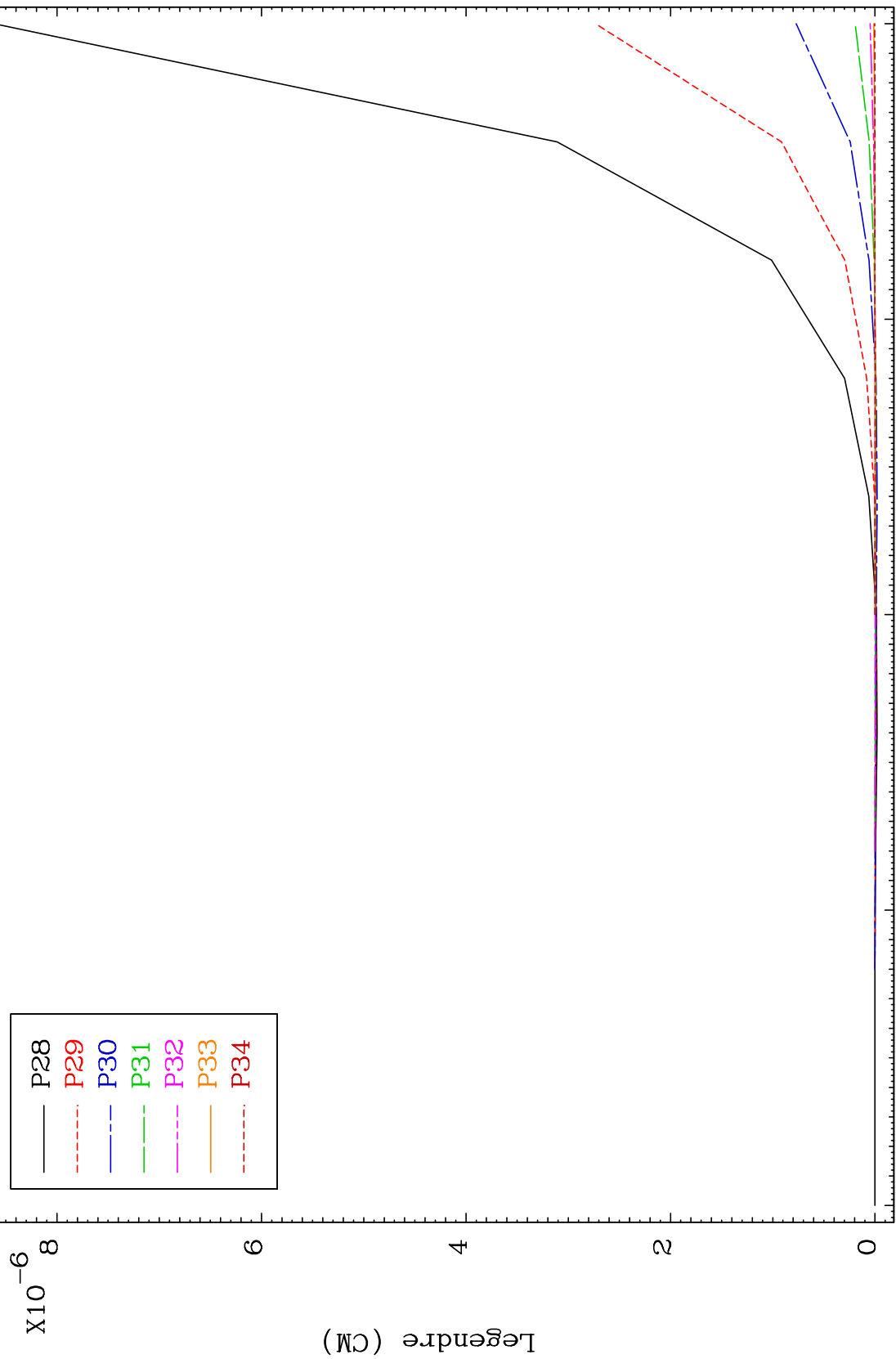
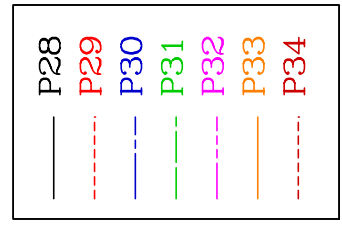
17

75-Re-189

MAT 7537

Elastic
Legendre Coefficients

75-Re-189



18

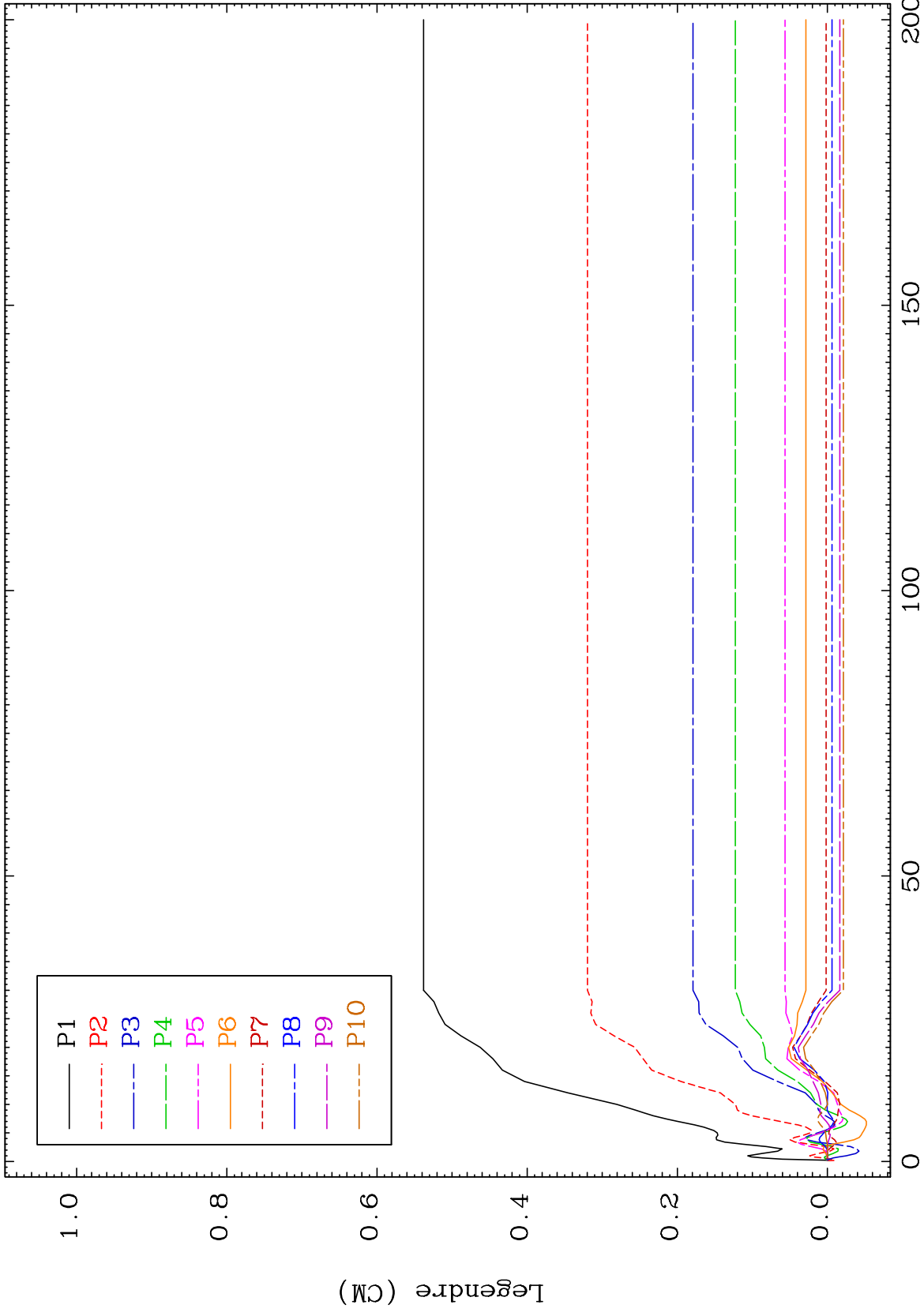
Incident Energy (MeV)

75-Re-189

MAT 7537

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

75-Re-189



19

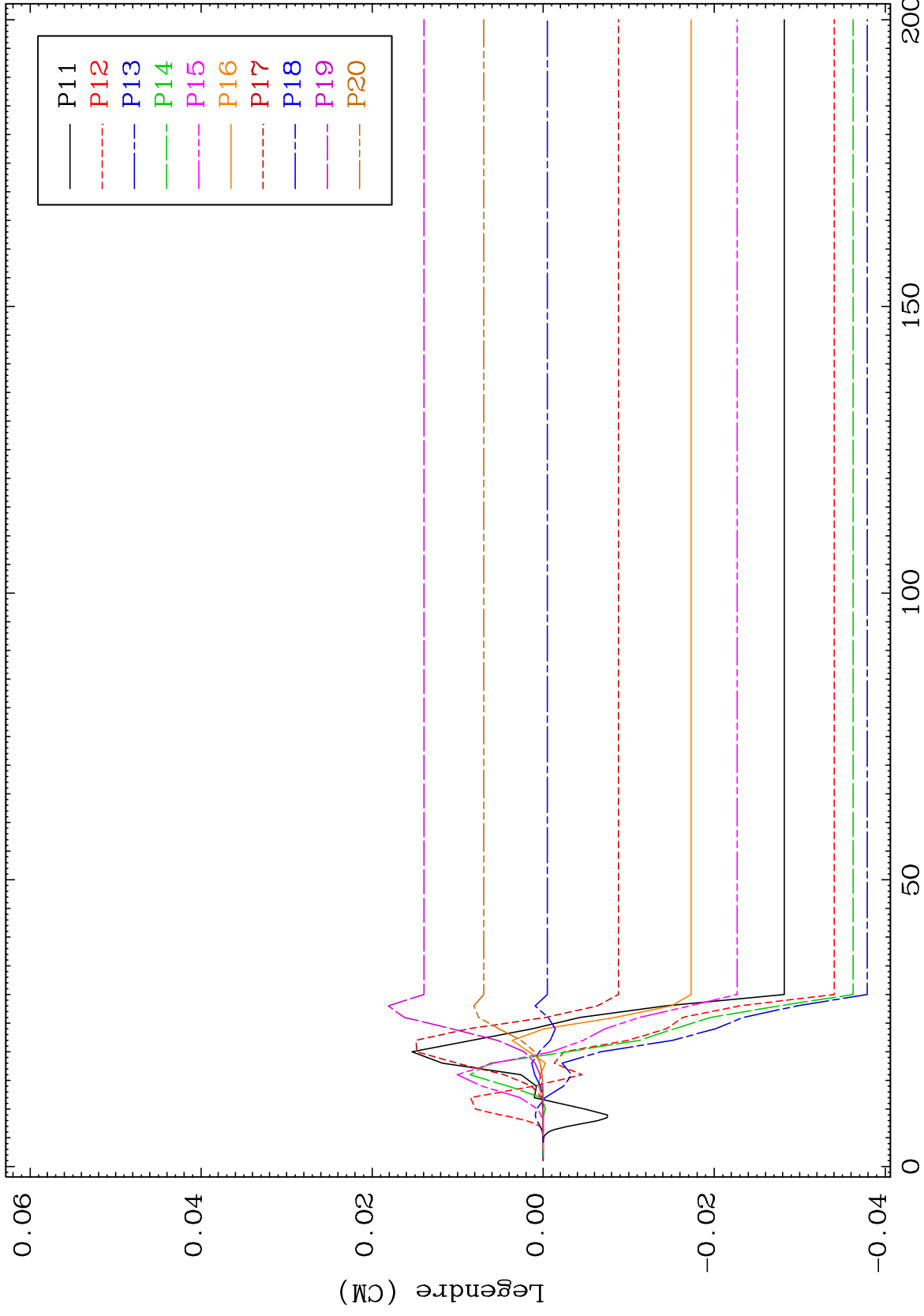
Incident Energy (MeV)

75-Re-189

MAT 7537

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

75-Re-189



20

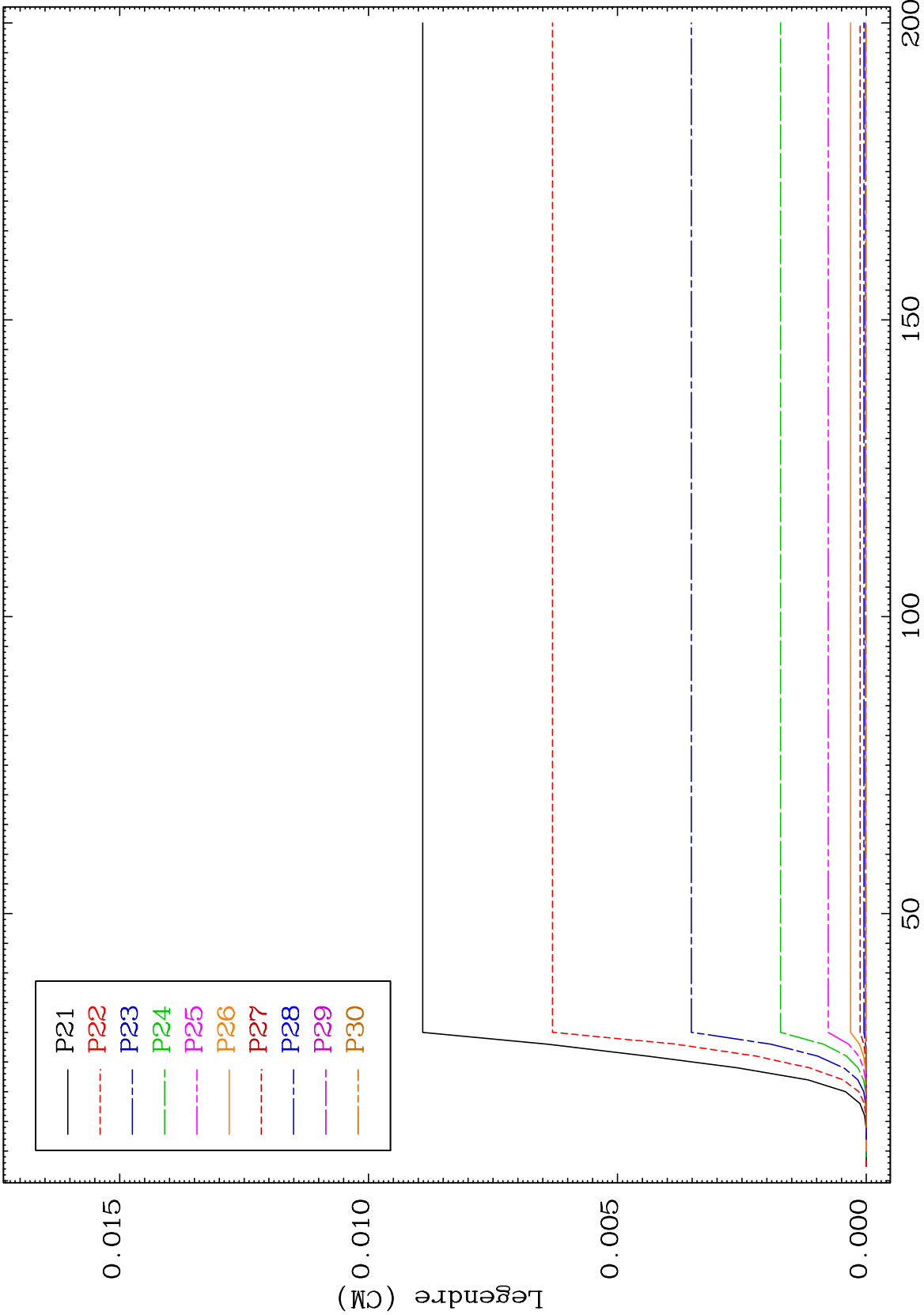
Incident Energy (MeV)

75-Re-189

MAT 7537

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

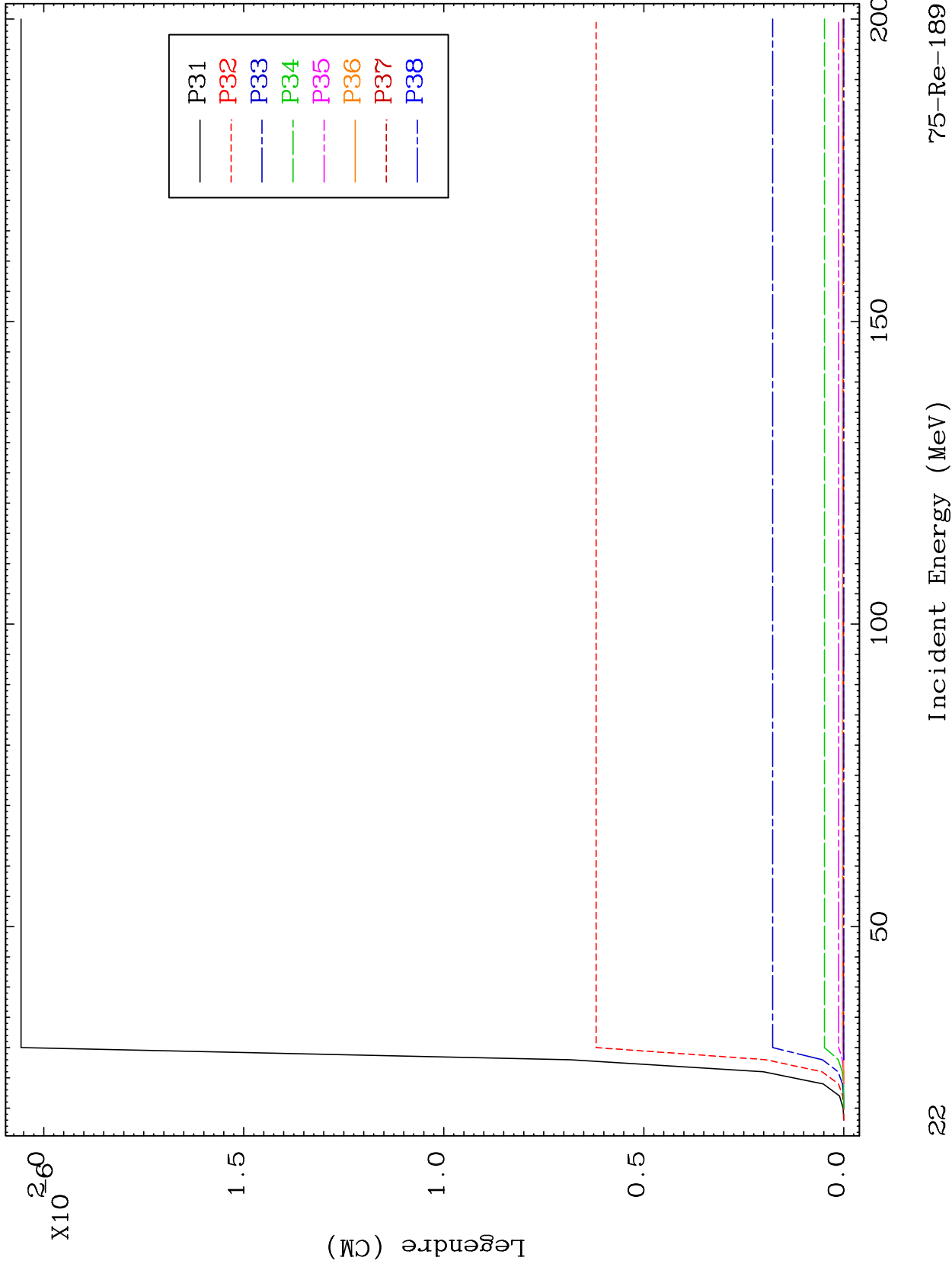
75-Re-189



MAT 7537

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

75-Re-189



22

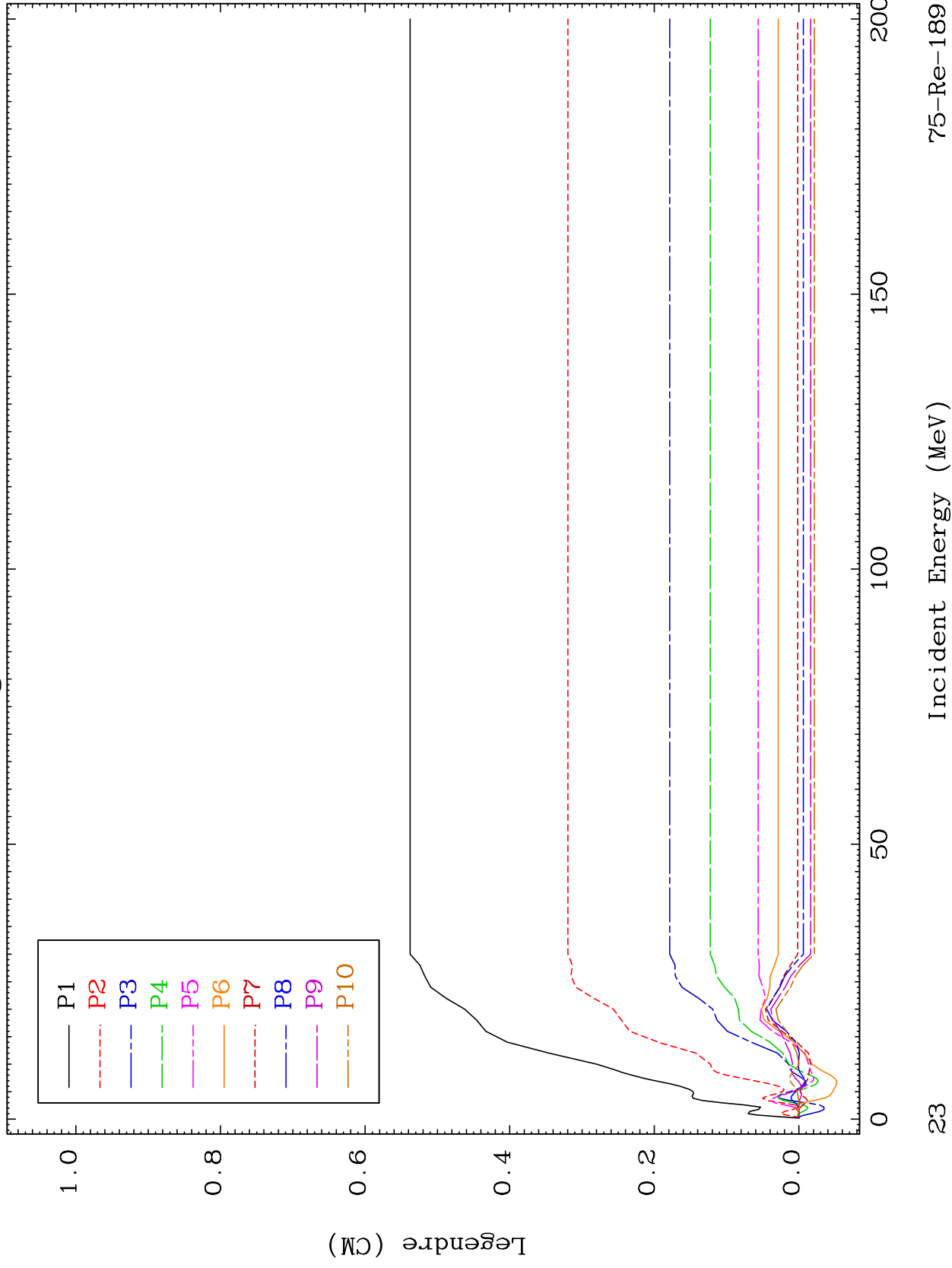
Incident Energy (MeV)

75-Re-189

MAT 7537

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

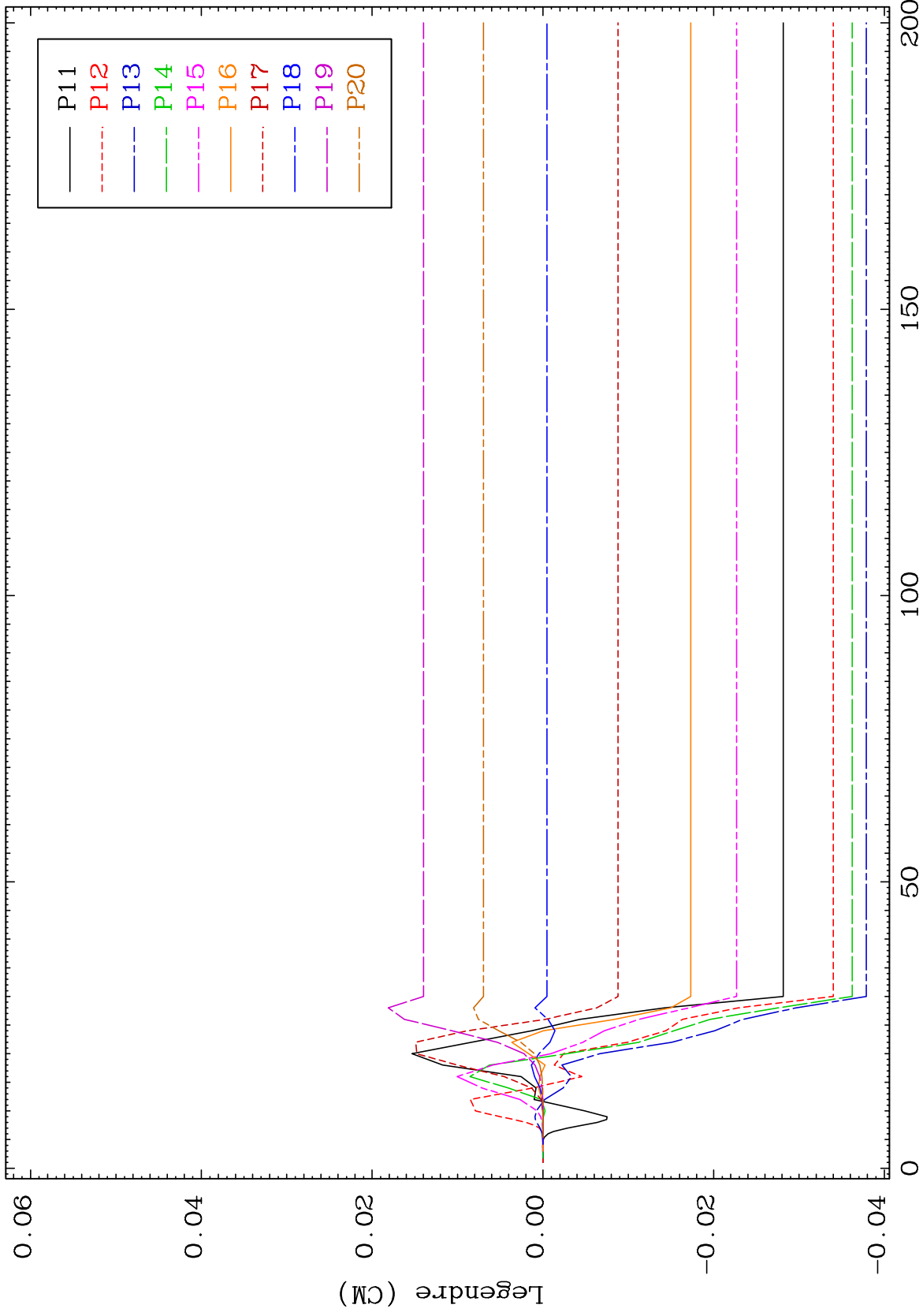
75-Re-189



MAT 7537

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

75-Re-189



24

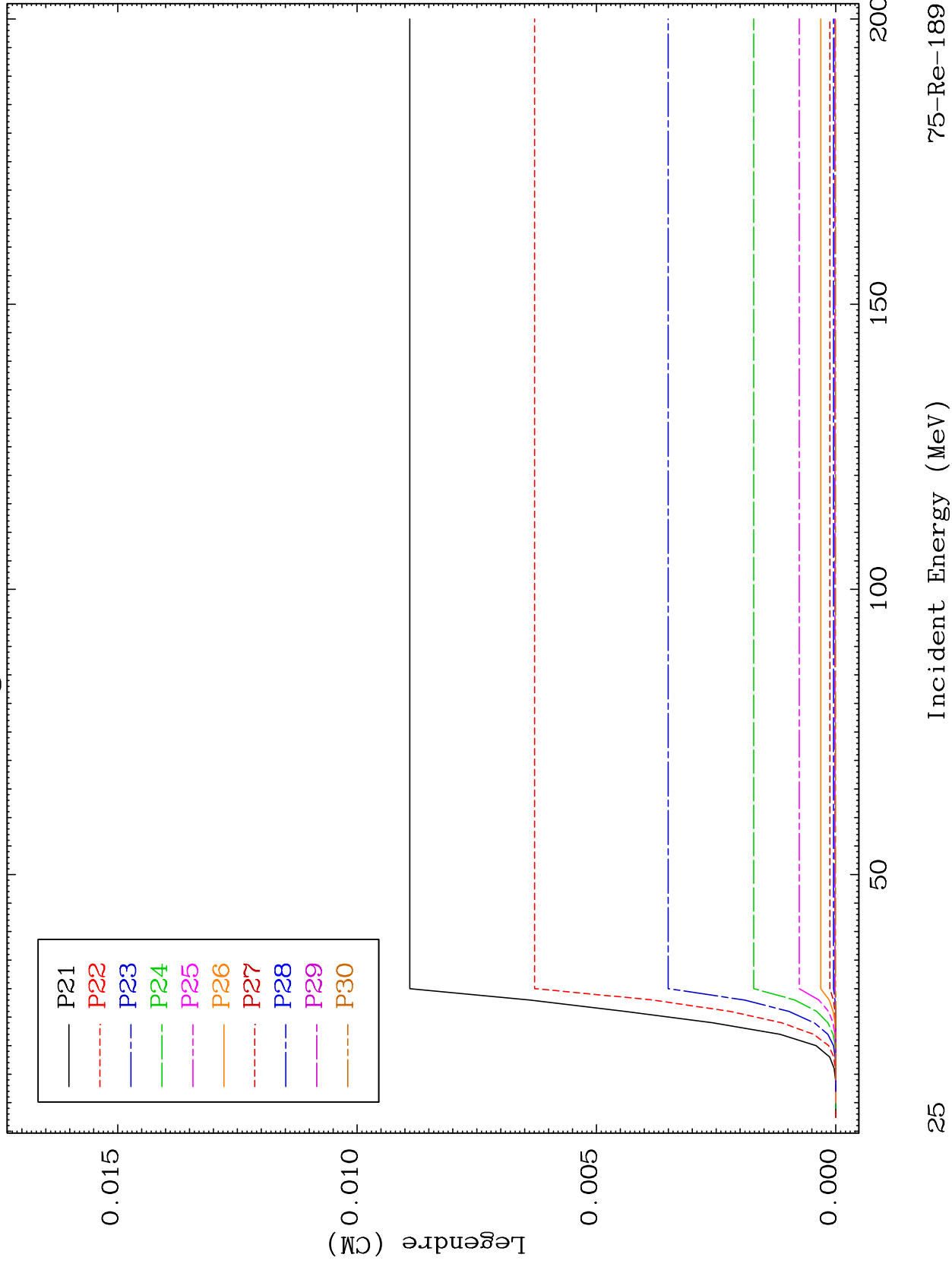
Incident Energy (MeV)

75-Re-189

MAT 7537

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

75-Re-189



25

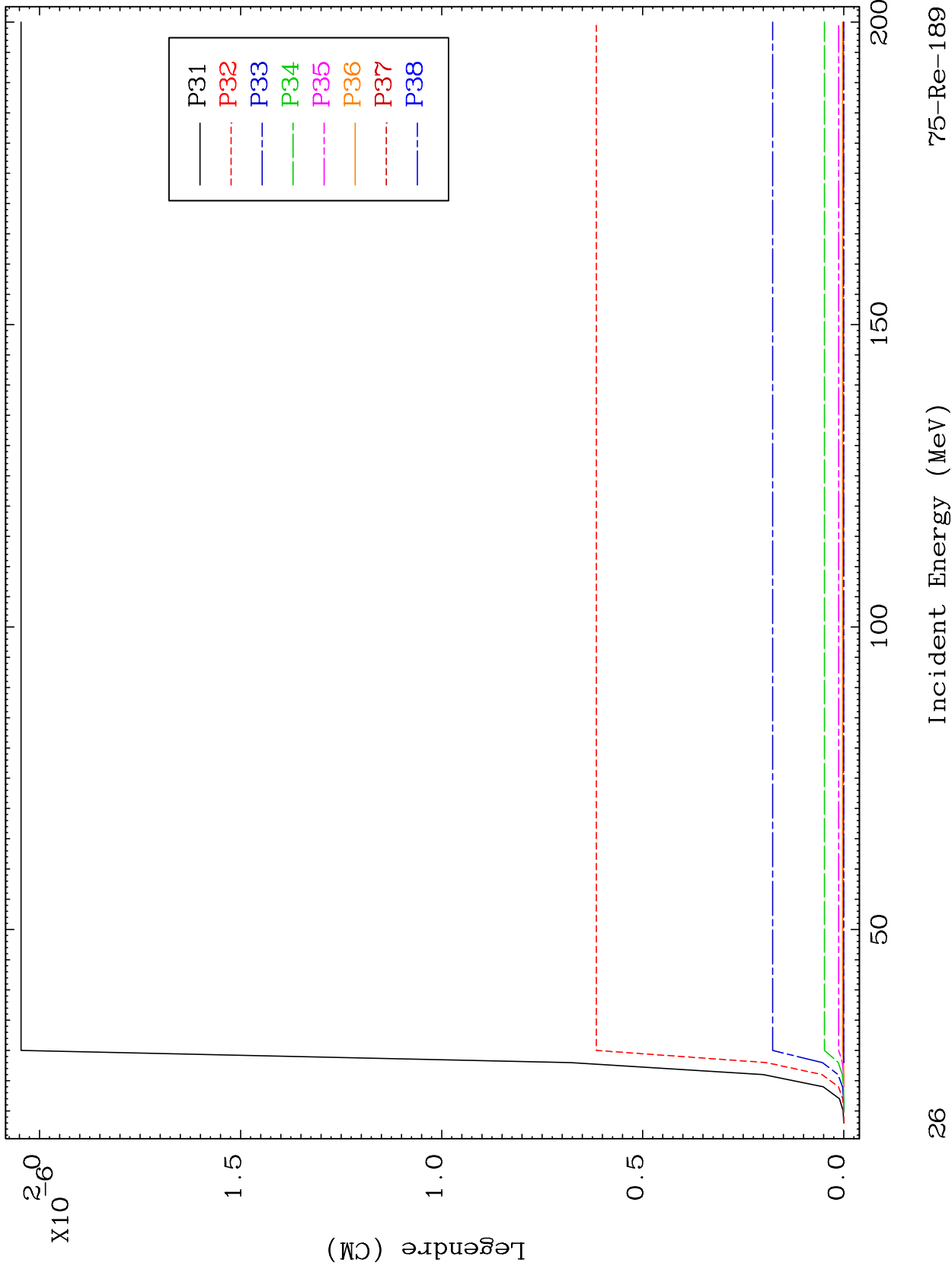
Incident Energy (MeV)

75-Re-189

MAT 7537

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

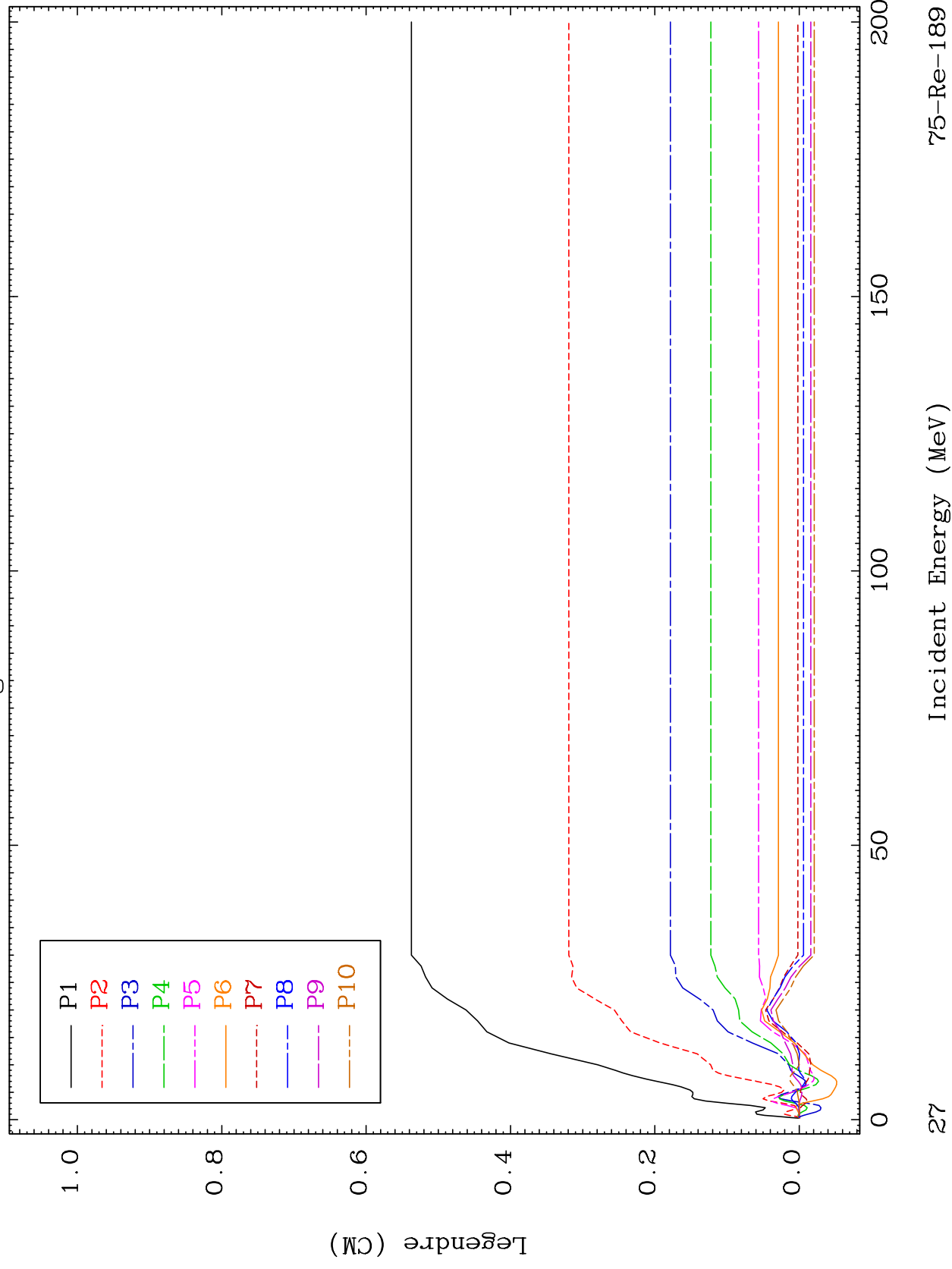
75-Re-189



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Incident Energy (MeV)

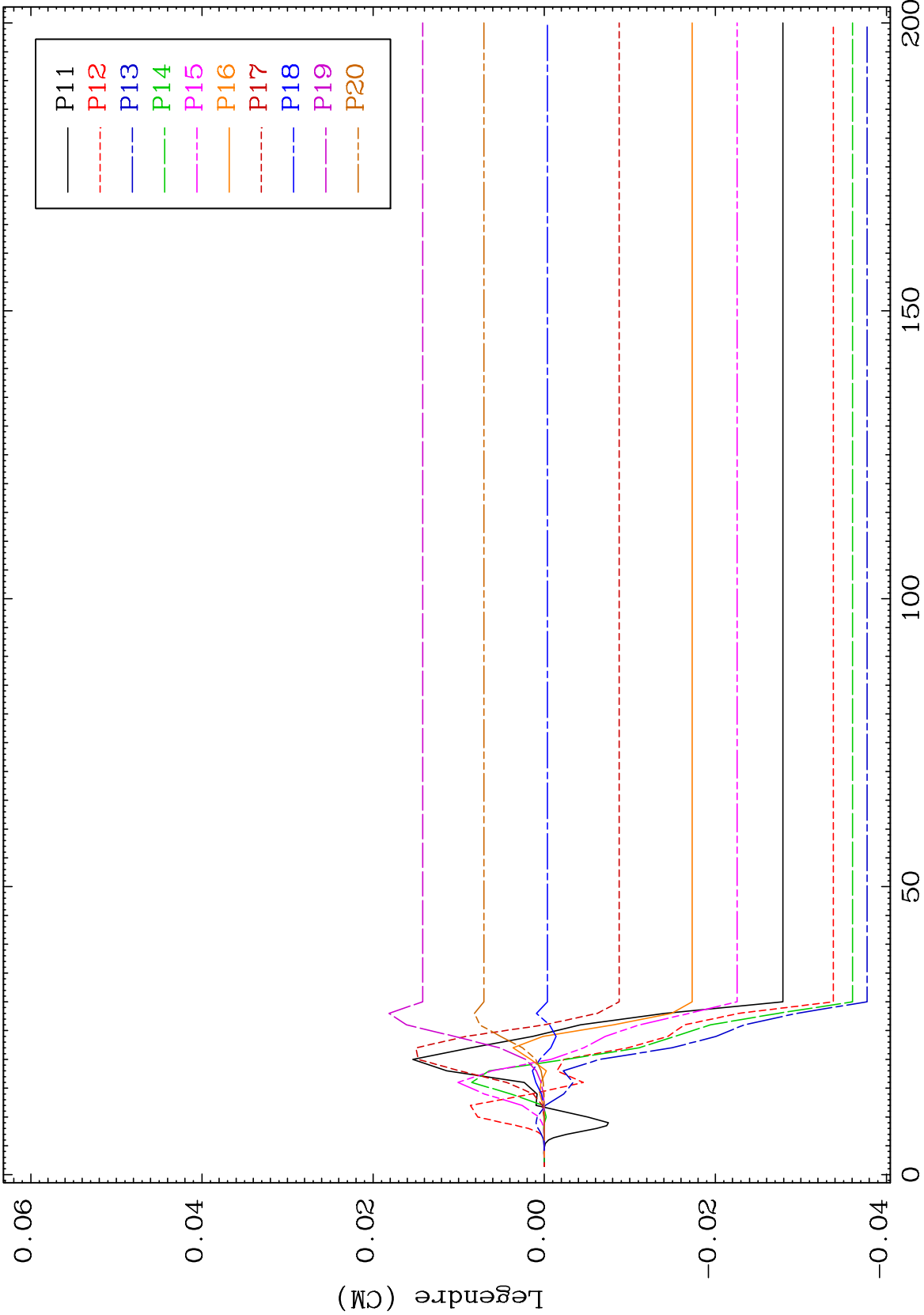
75-Re-189



MAT 7537

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

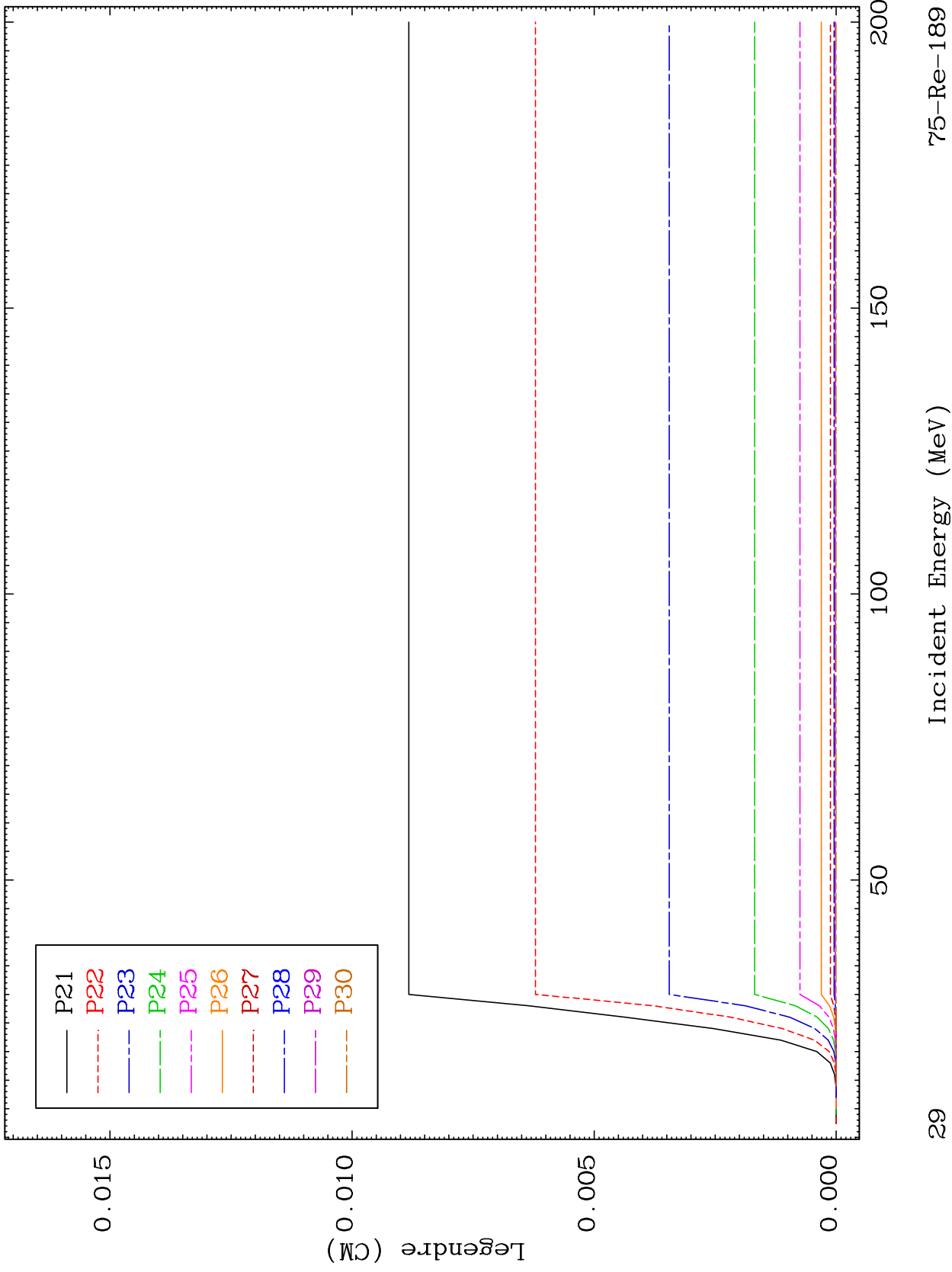
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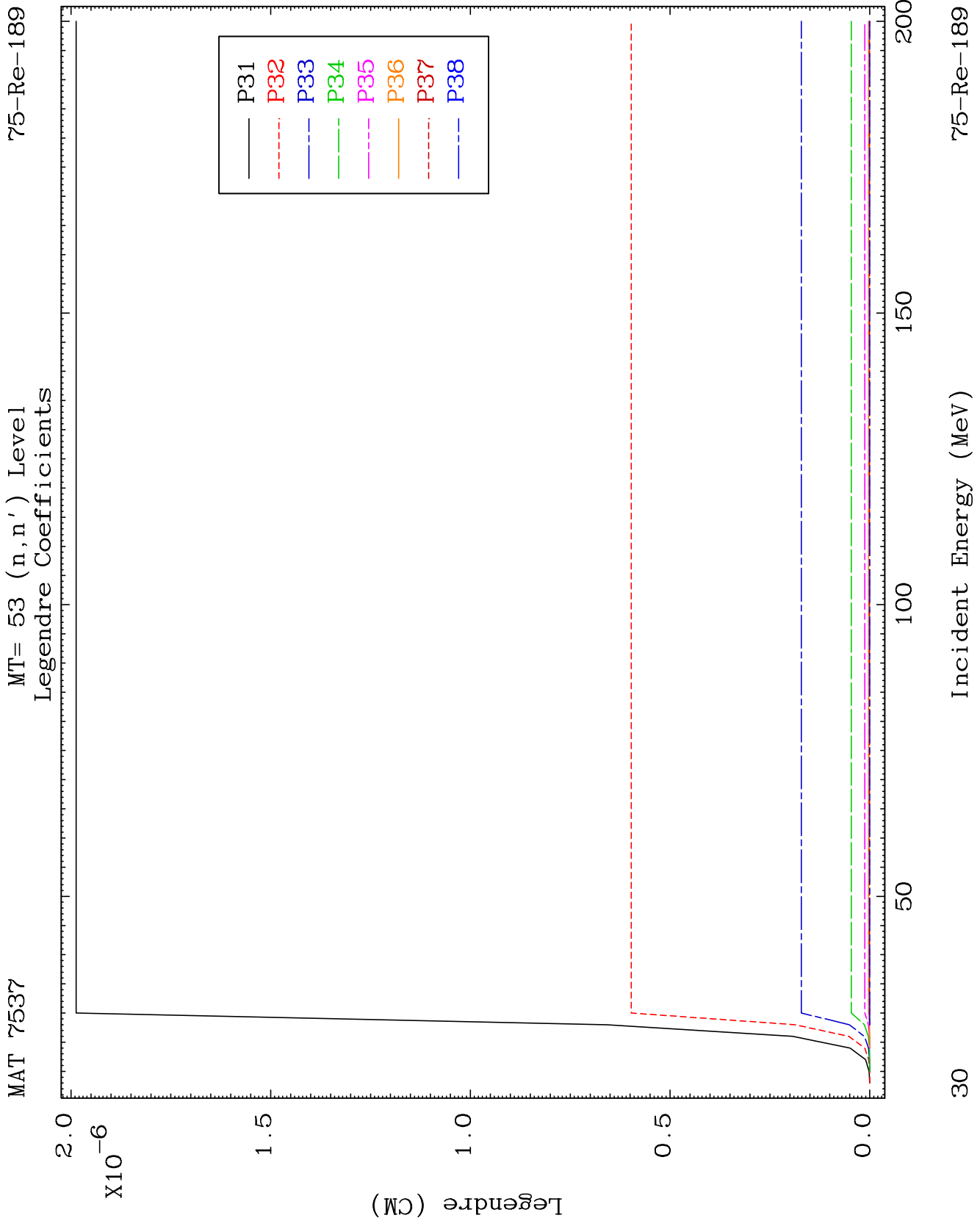


28

Incident Energy (MeV)

75-Re-189

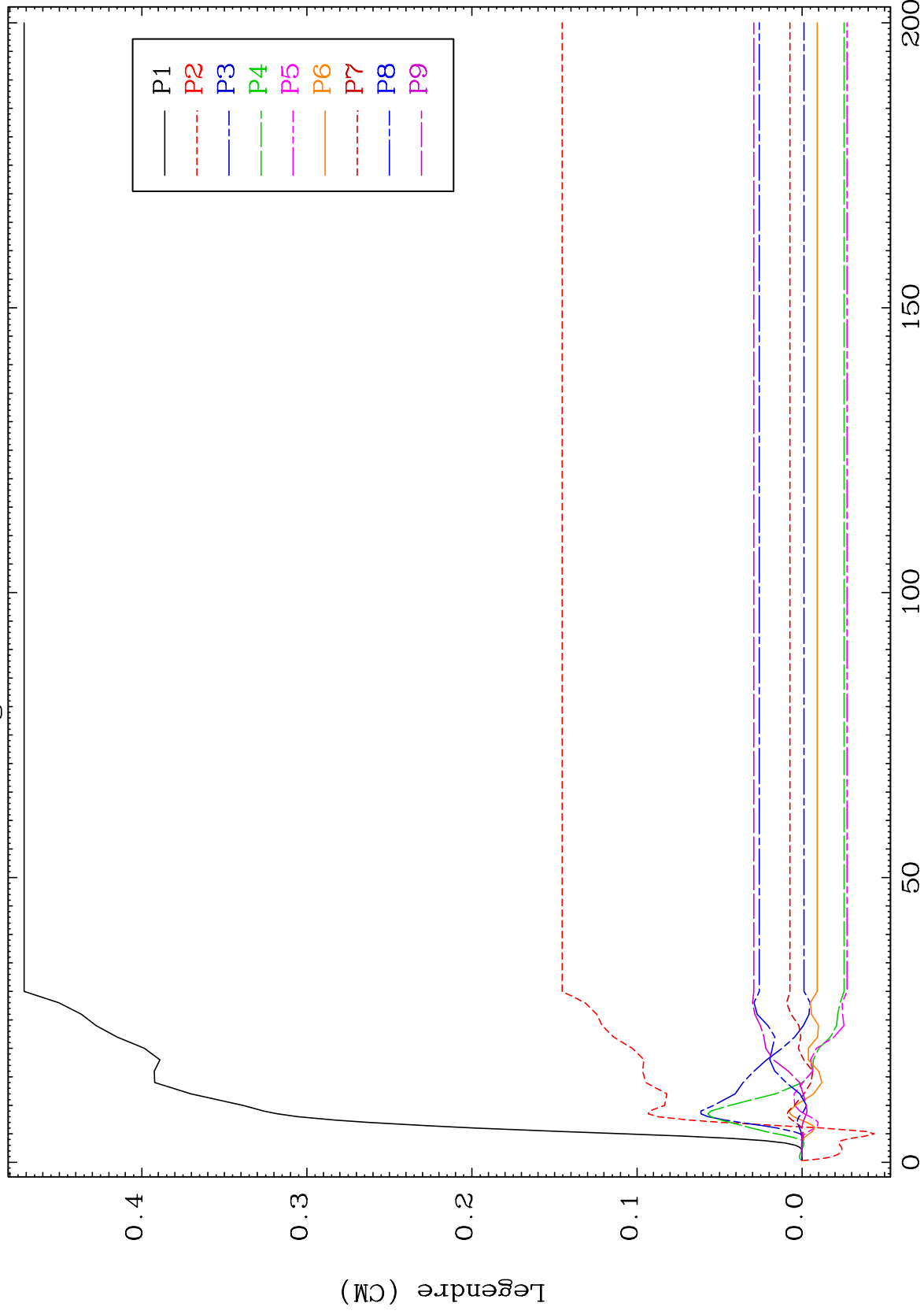




MAT 7537

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

75-Re-189



31

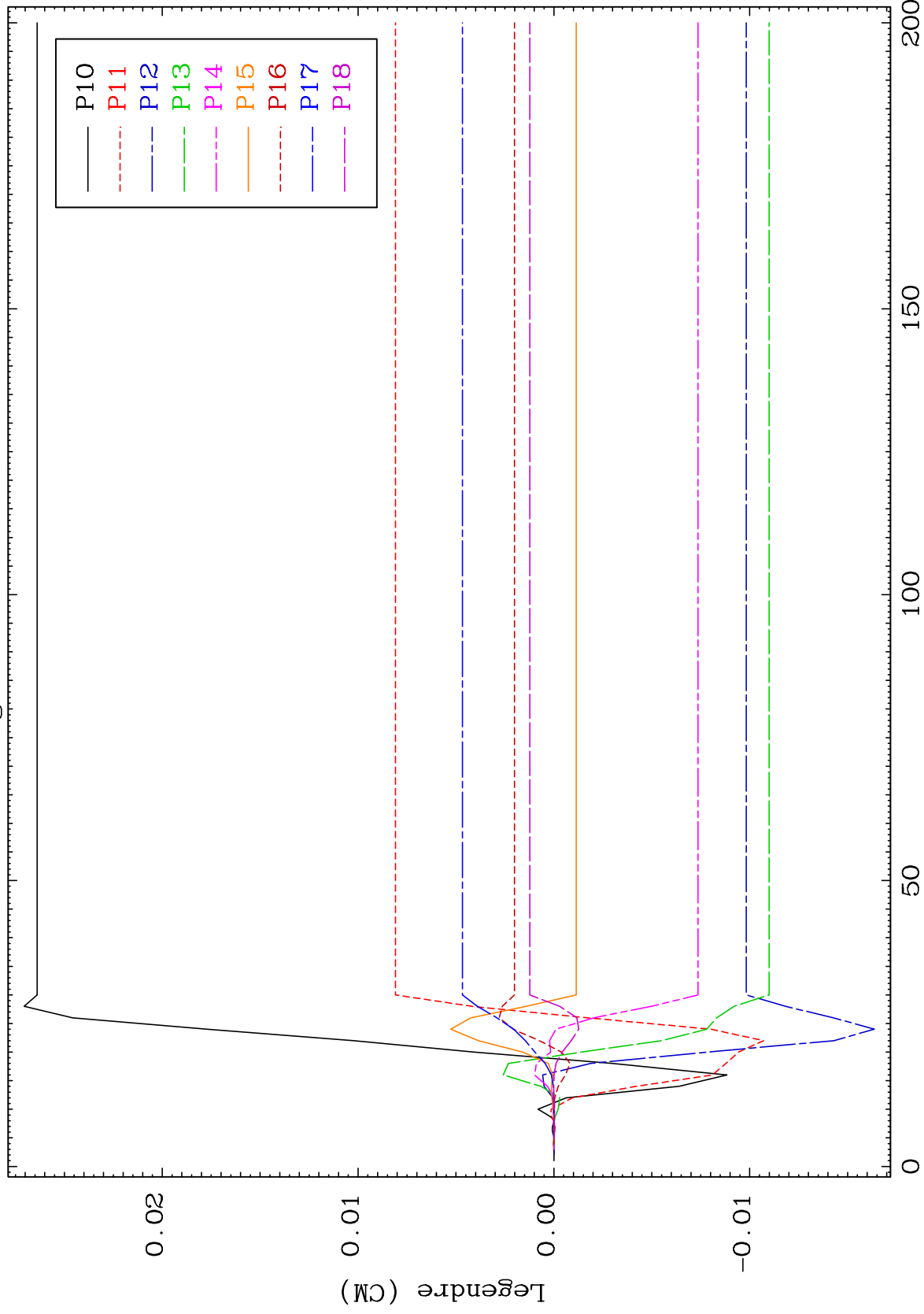
Incident Energy (MeV)

75-Re-189

MAT 7537

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

75-Re-189



32

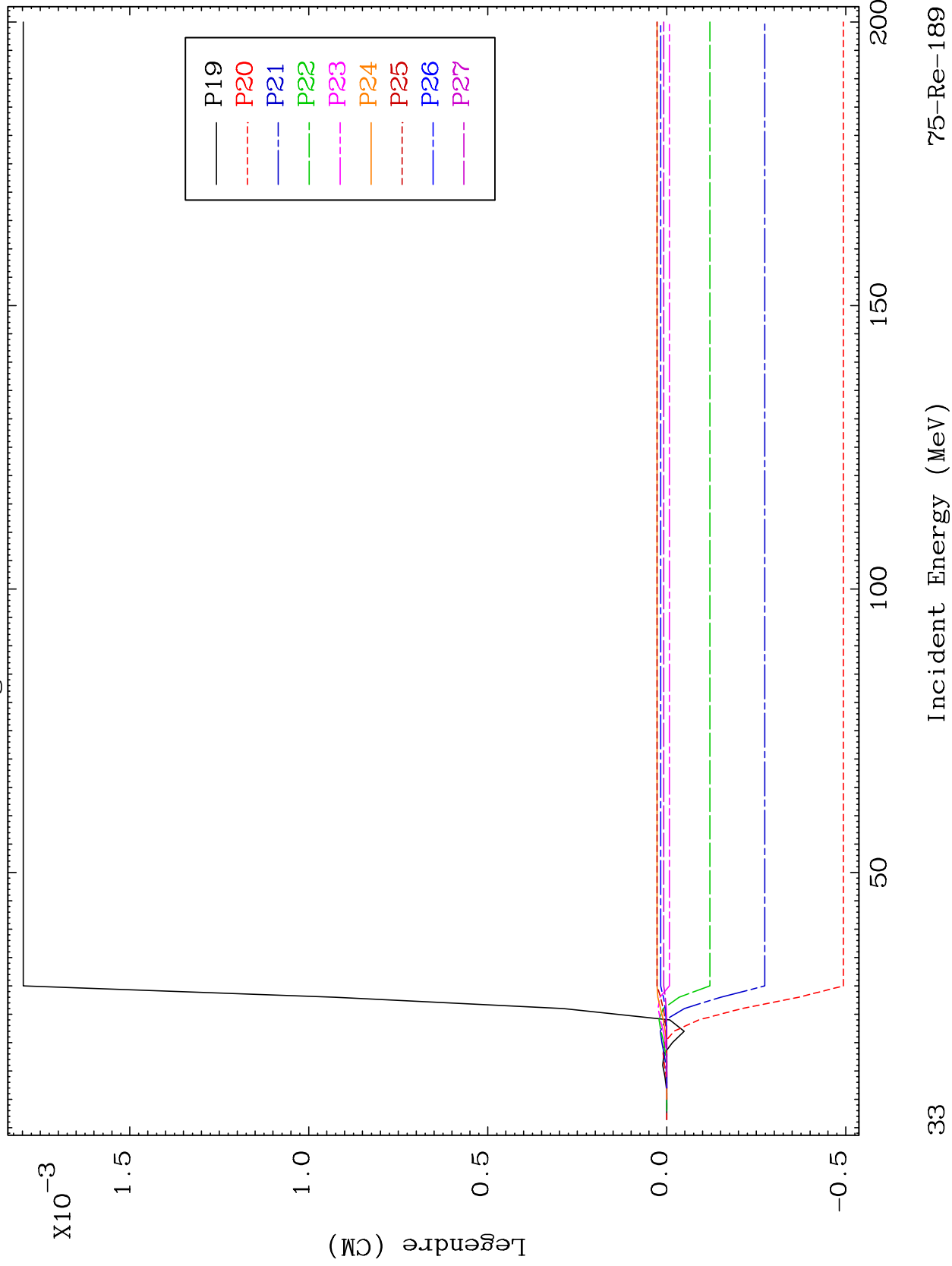
Incident Energy (MeV)

75-Re-189

MAT 7537

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

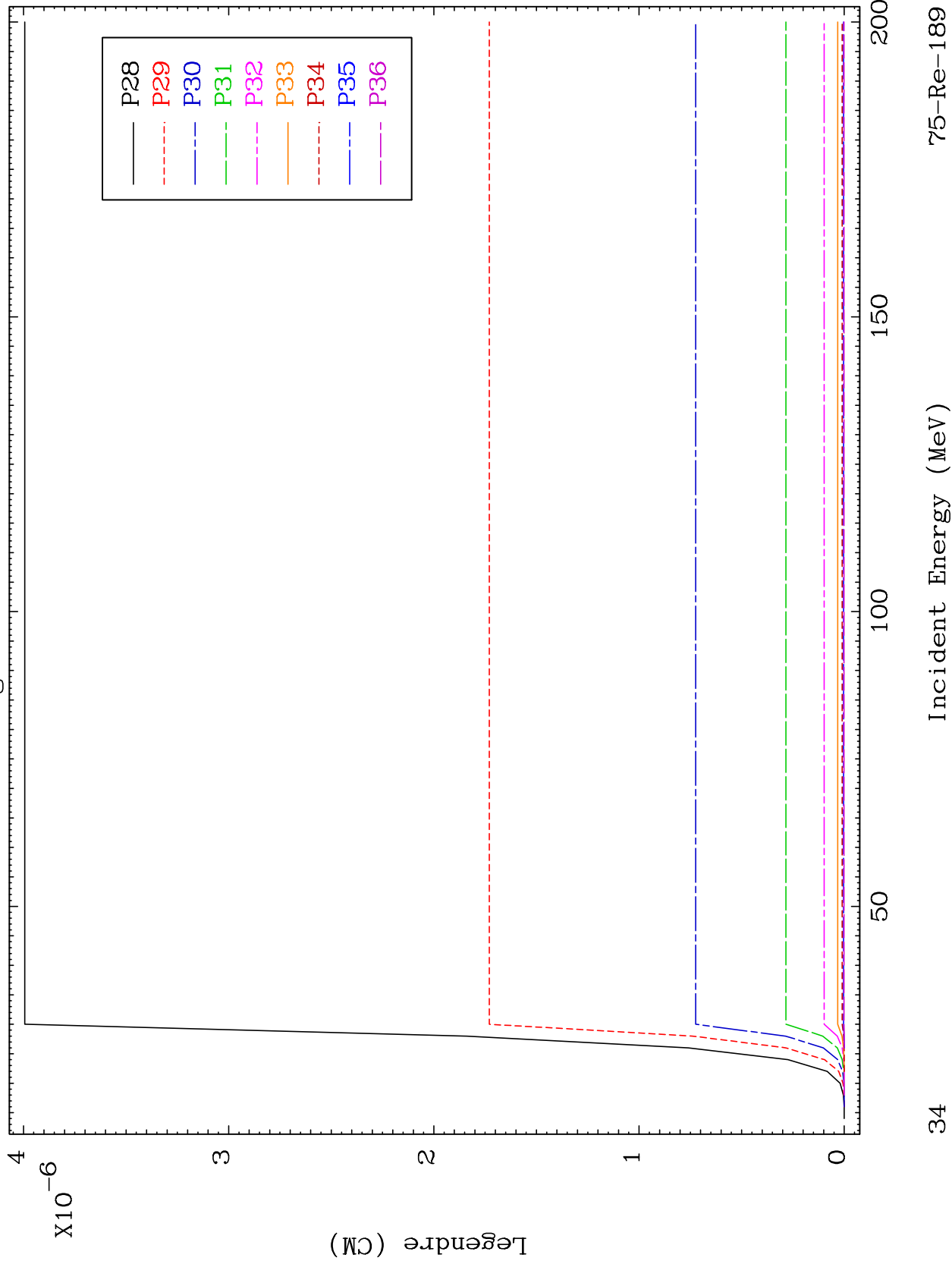
75-Re-189



MAT 7537

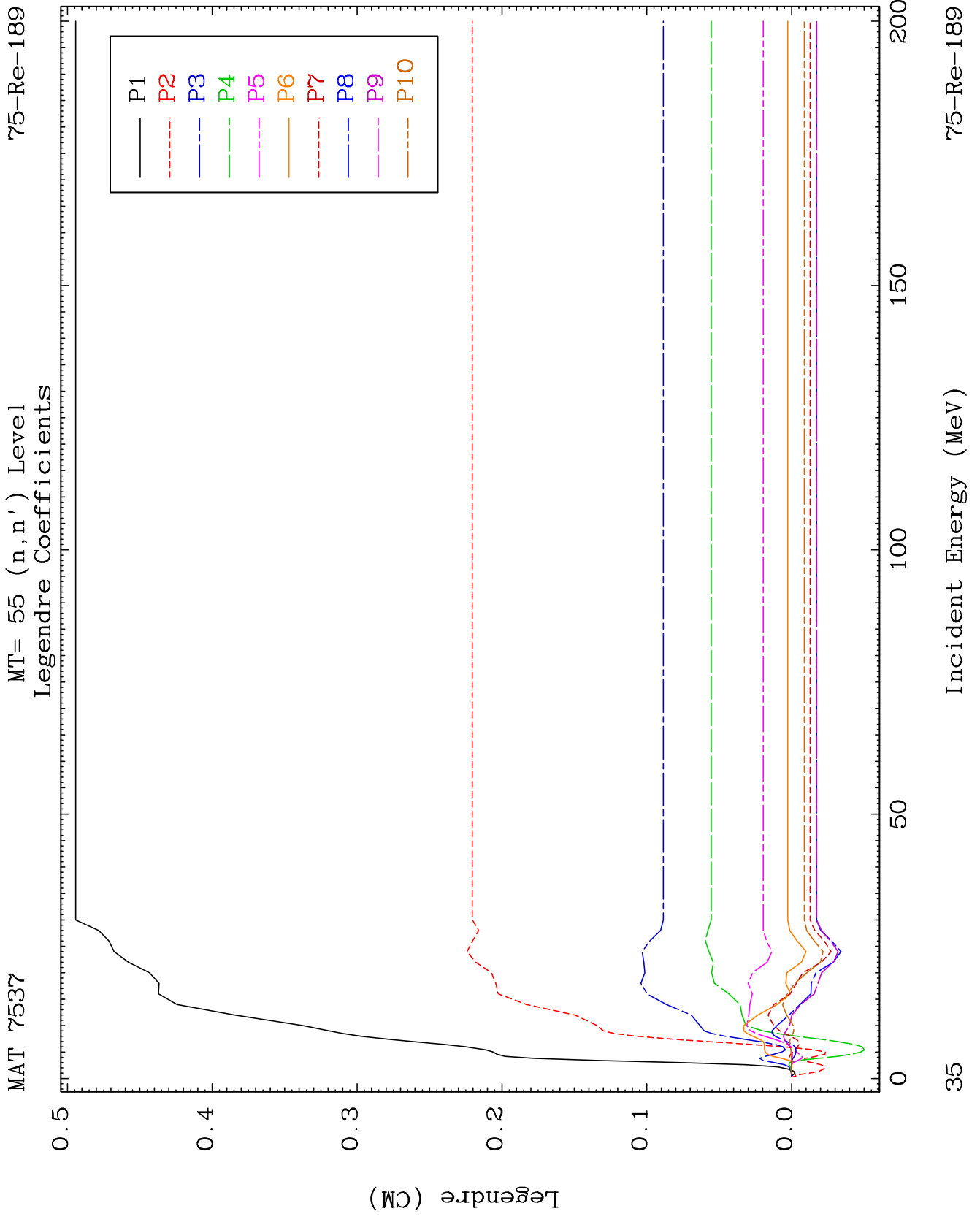
MT= 54 (n,n') Level
Legendre Coefficients

75-Re-189



34

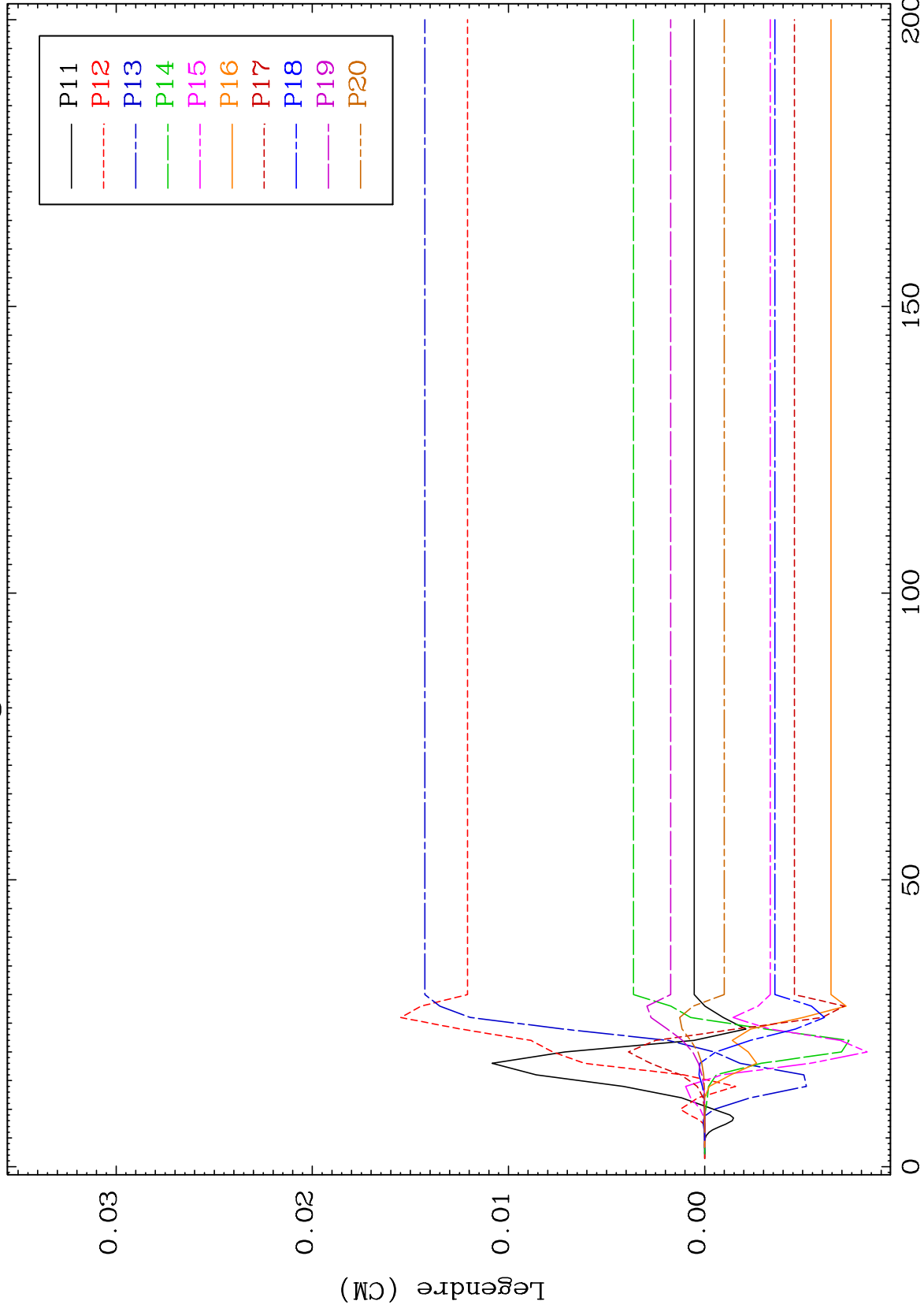
75-Re-189



MAT 7537

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

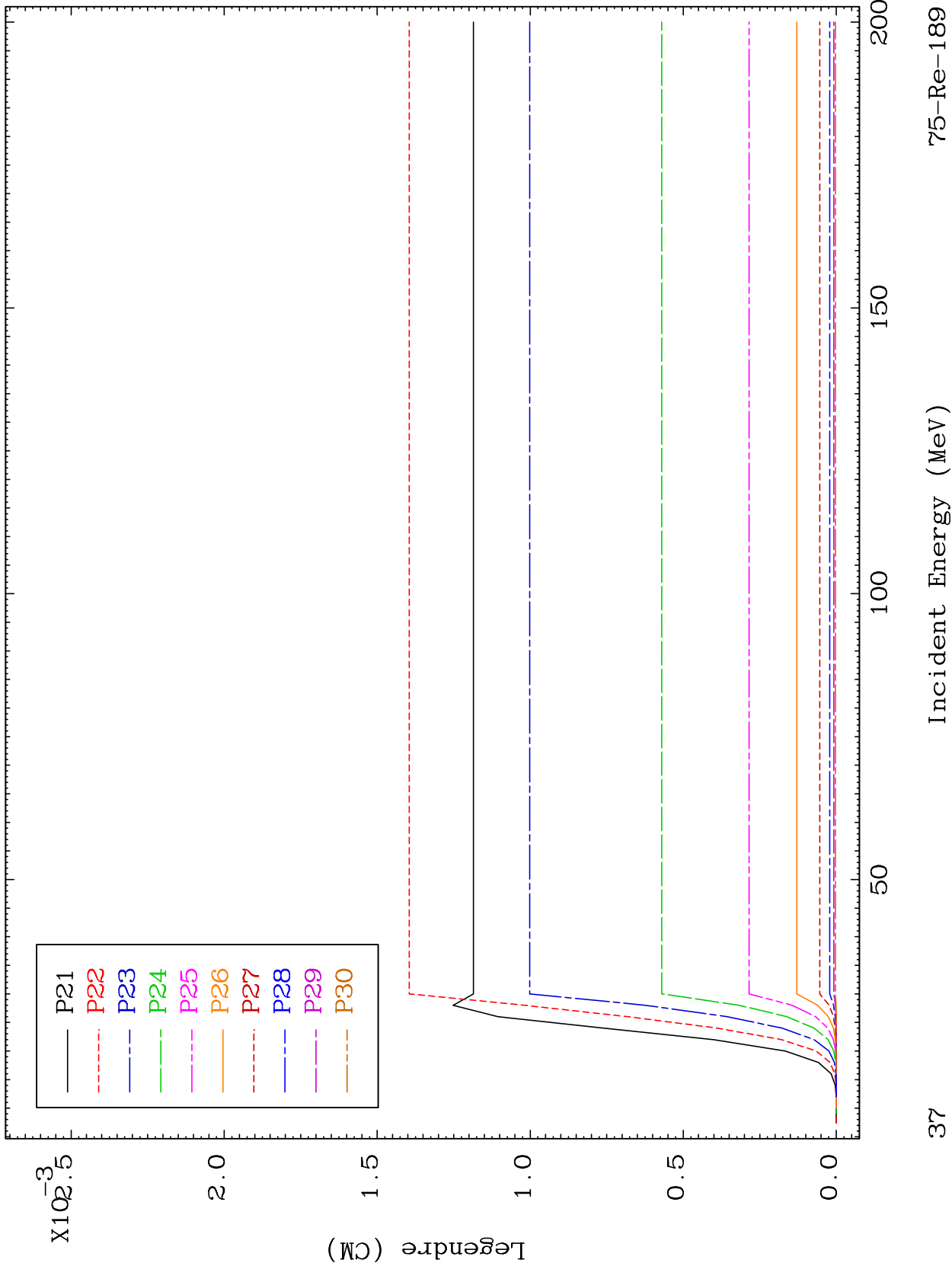
75-Re-189



36

Incident Energy (MeV)

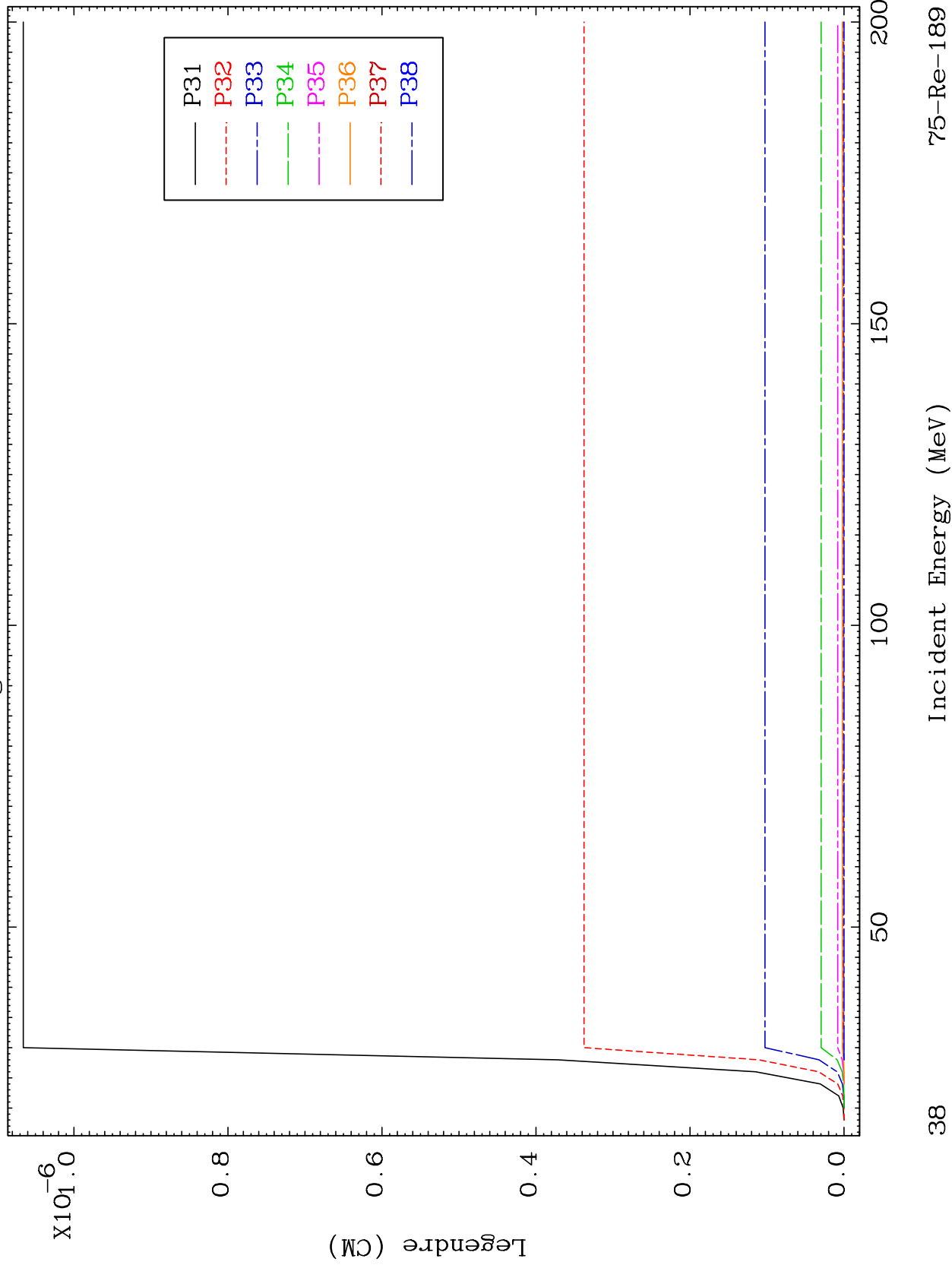
75-Re-189



MAT 7537

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

75-Re-189



38

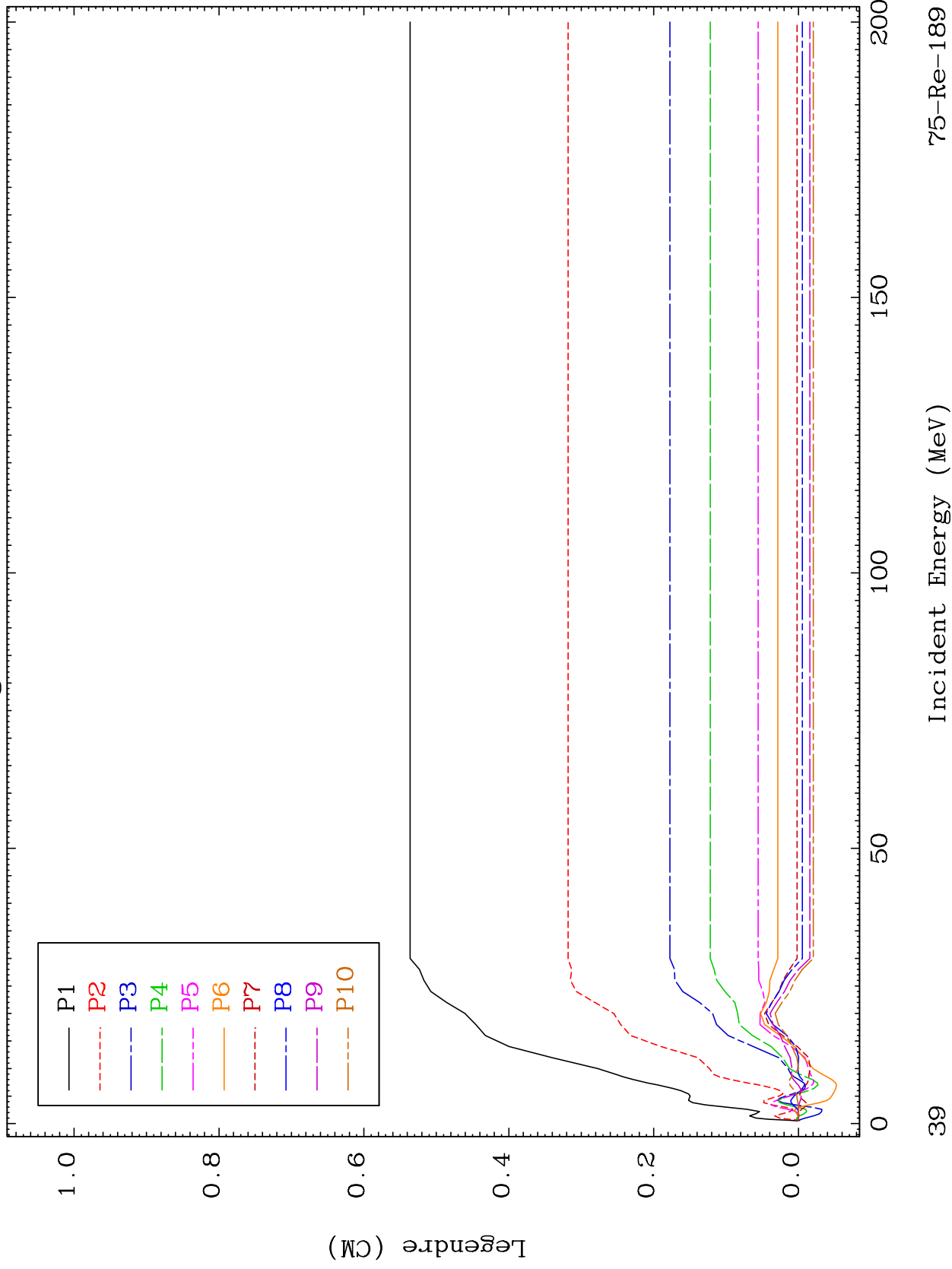
Incident Energy (MeV)

75-Re-189

MAT 7537

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

75-Re-189

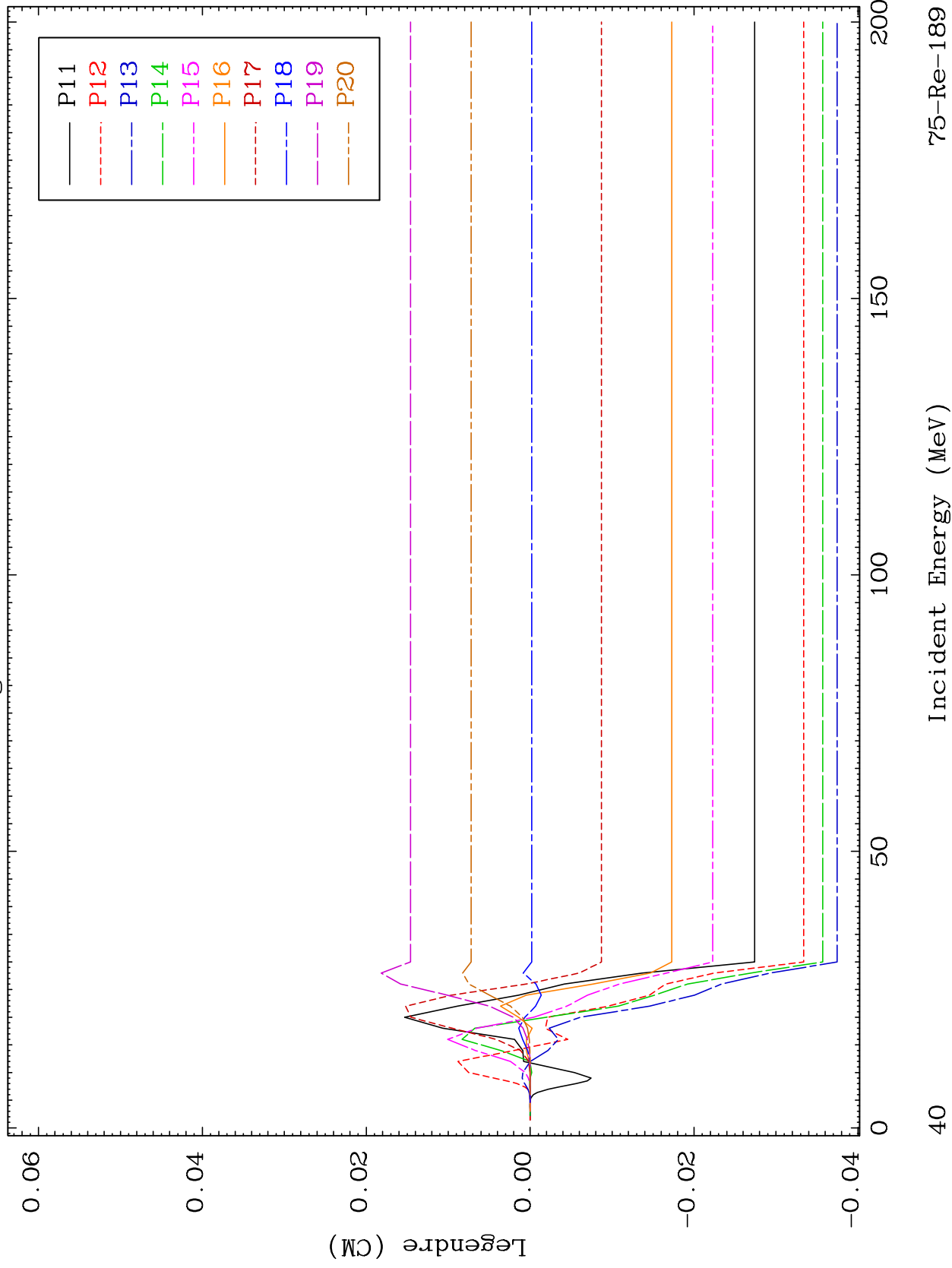


39

MAT 7537

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

75-Re-189



75-Re-189

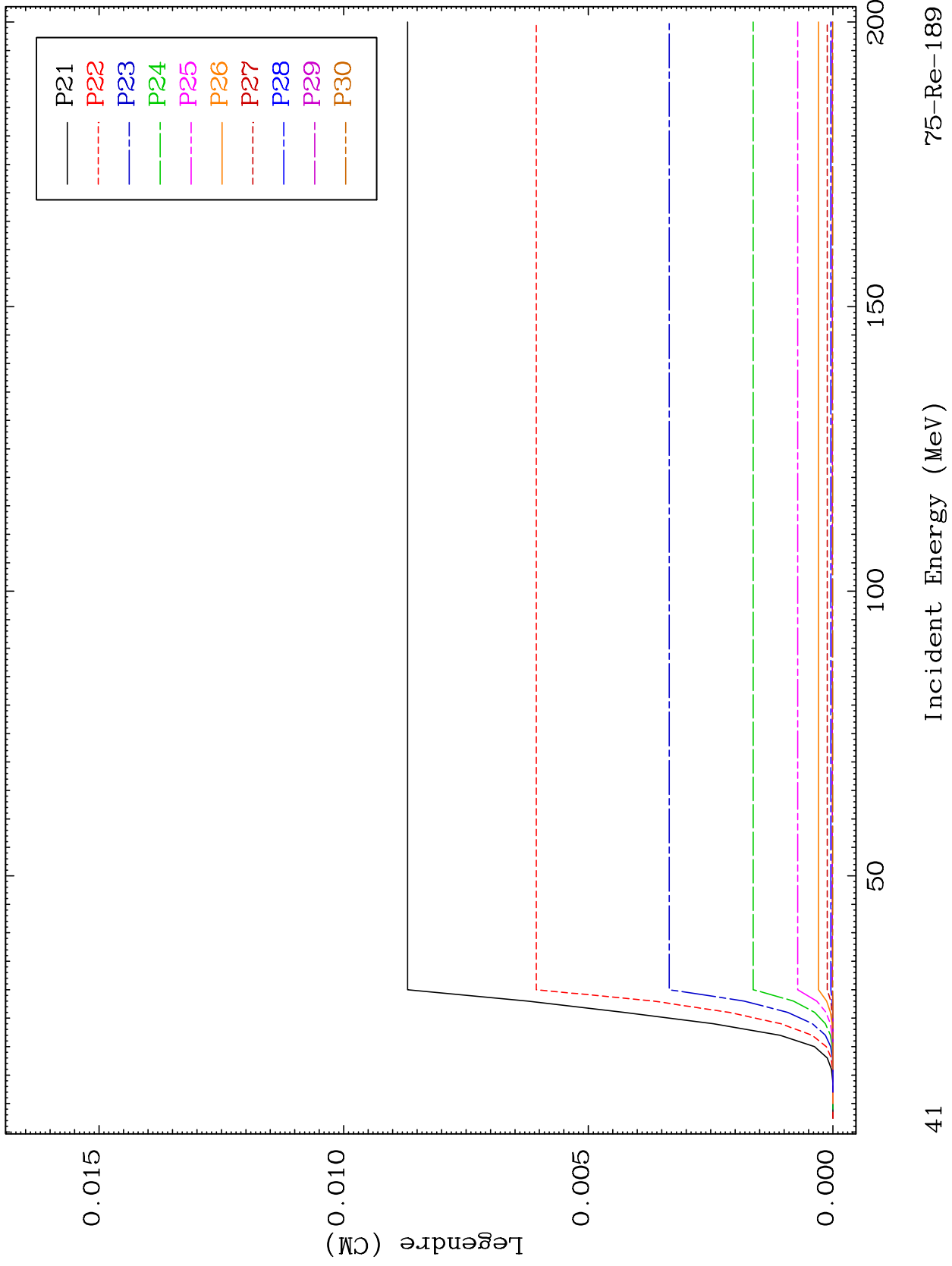
Incident Energy (MeV)

40

MAT 7537

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

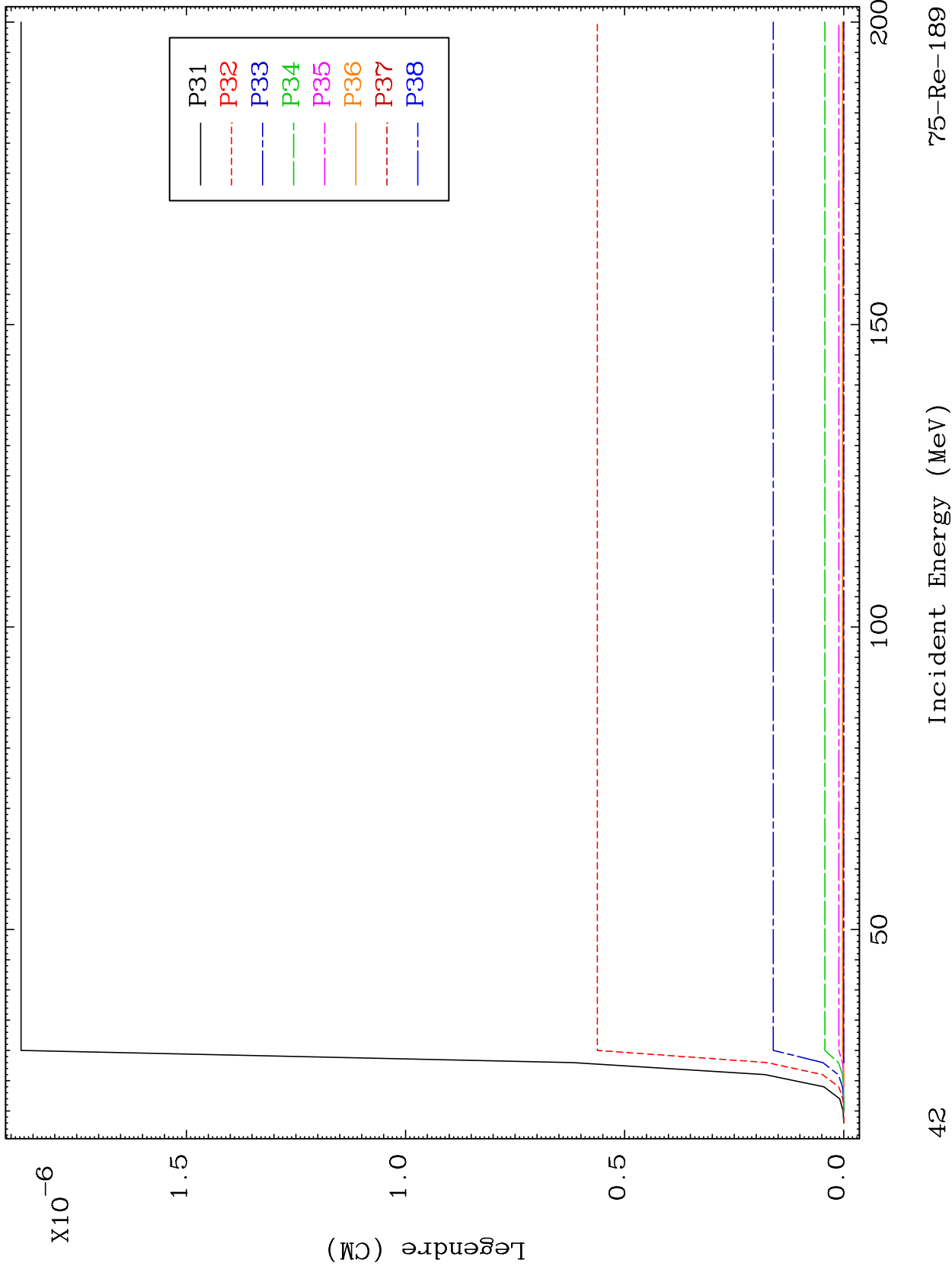
75-Re-189



MAT 7537

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

75-Re-189



42

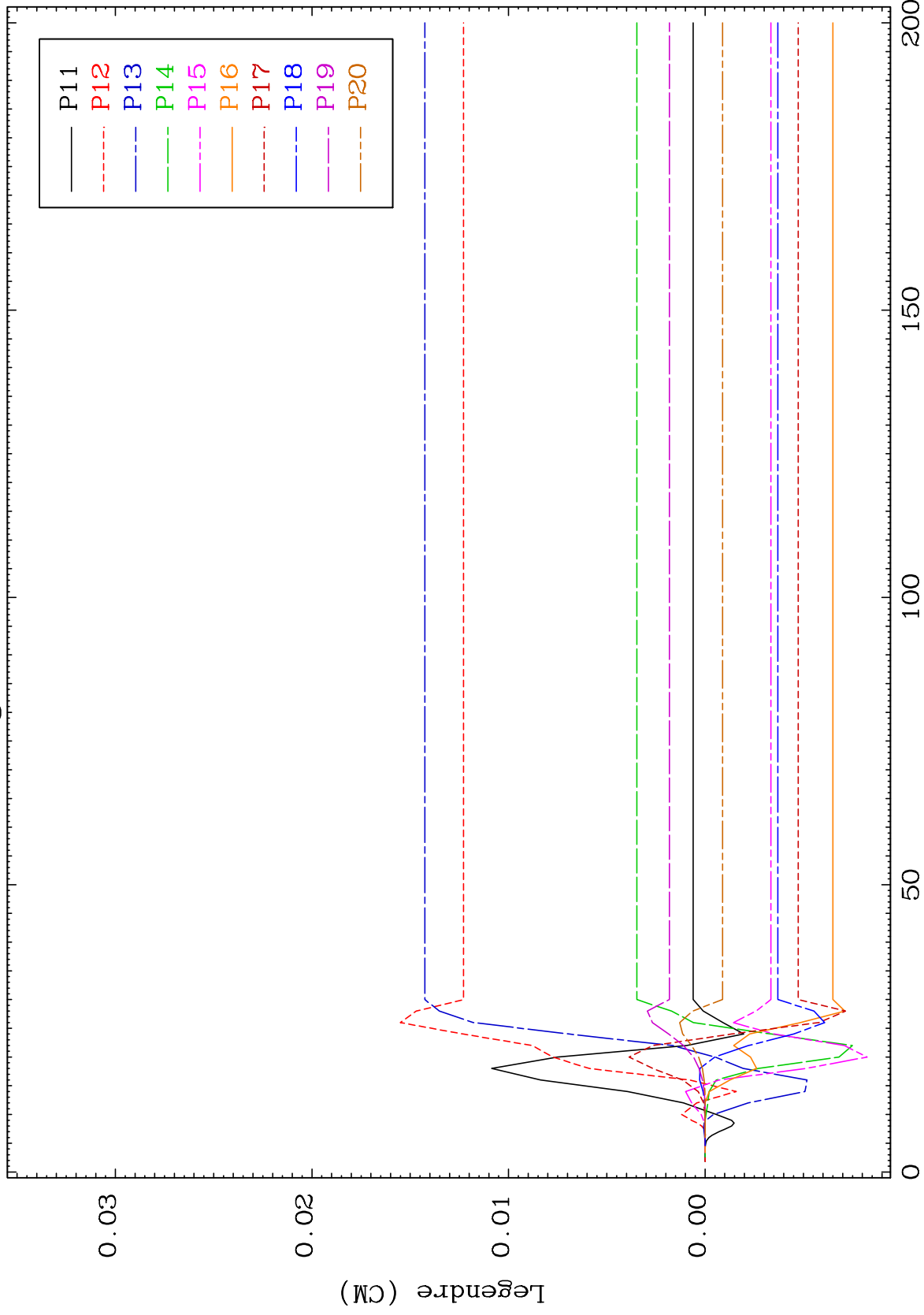
Incident Energy (MeV)

75-Re-189

MAT 7537

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

75-Re-189



44

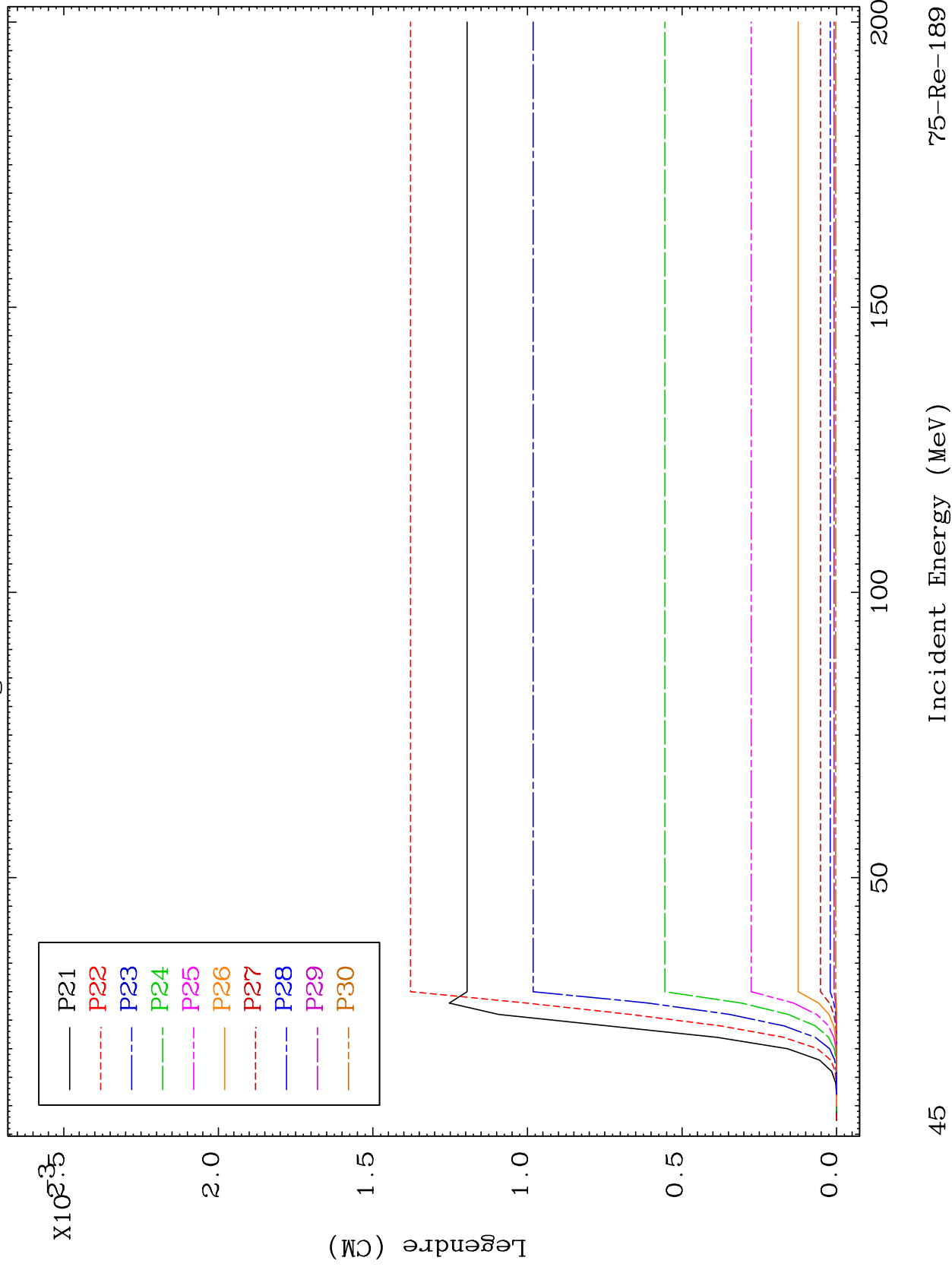
Incident Energy (MeV)

75-Re-189

MAT 7537

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

75-Re-189



45

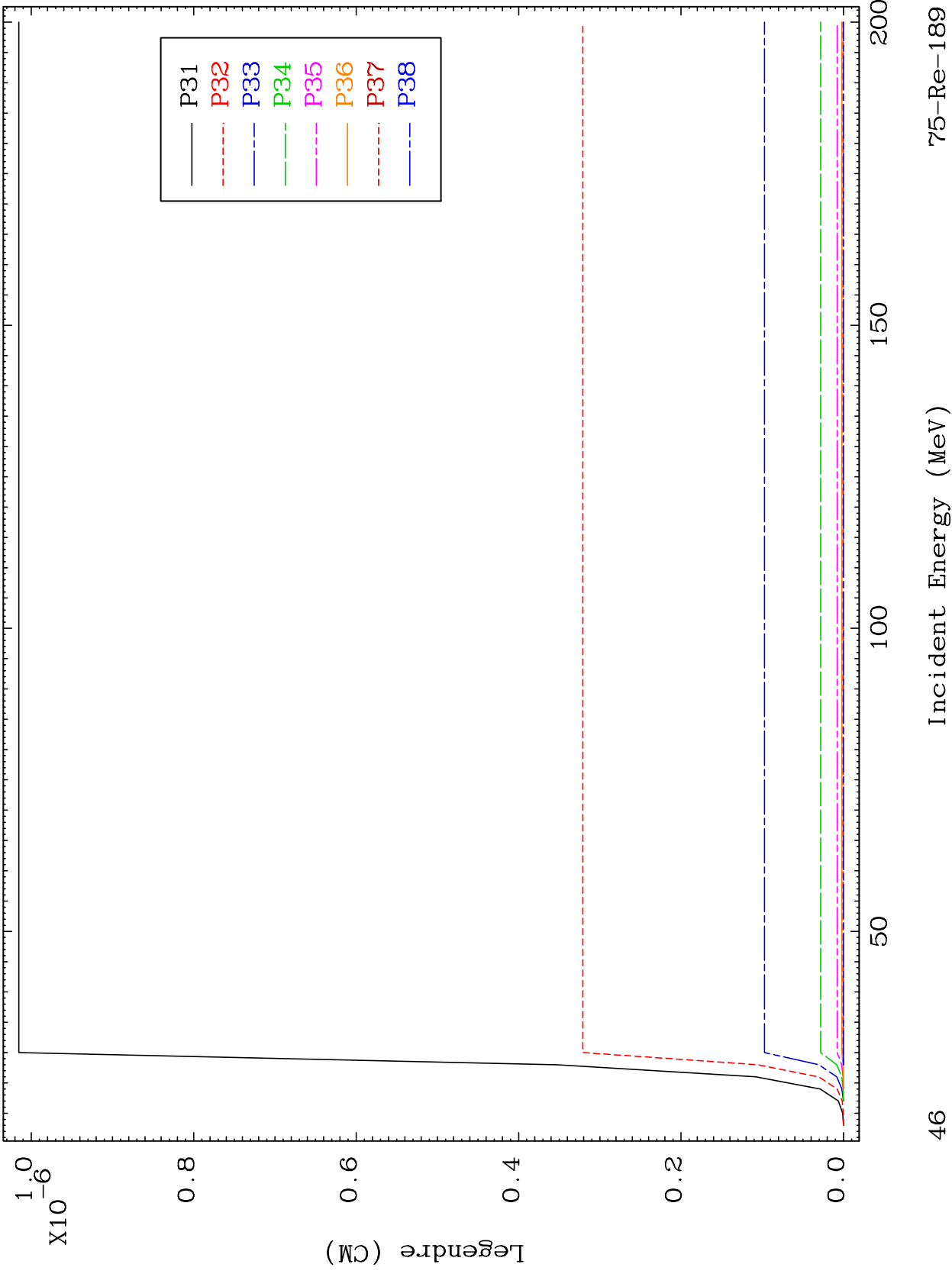
Incident Energy (MeV)

75-Re-189

MAT 7537

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

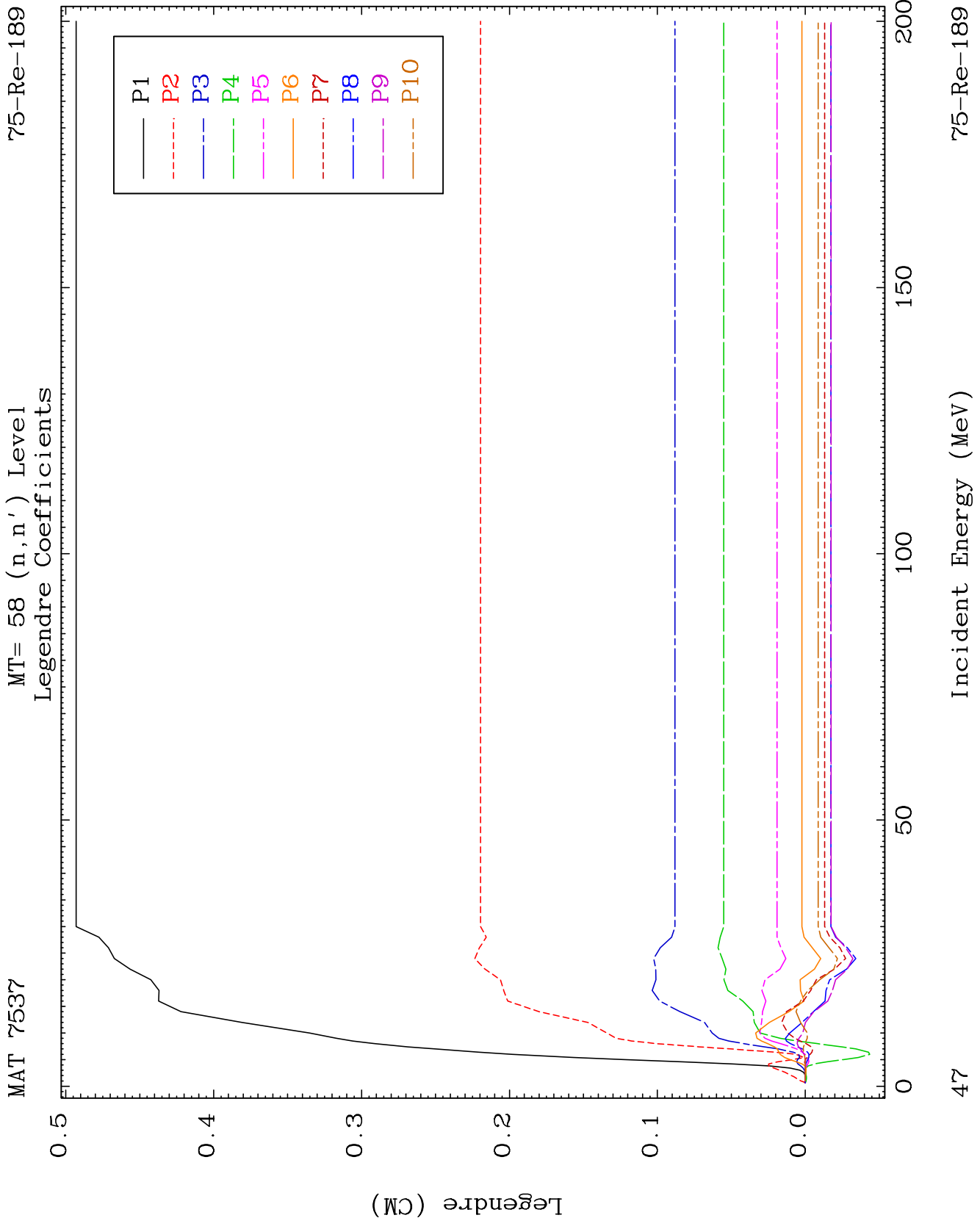
75-Re-189



46

Incident Energy (MeV)

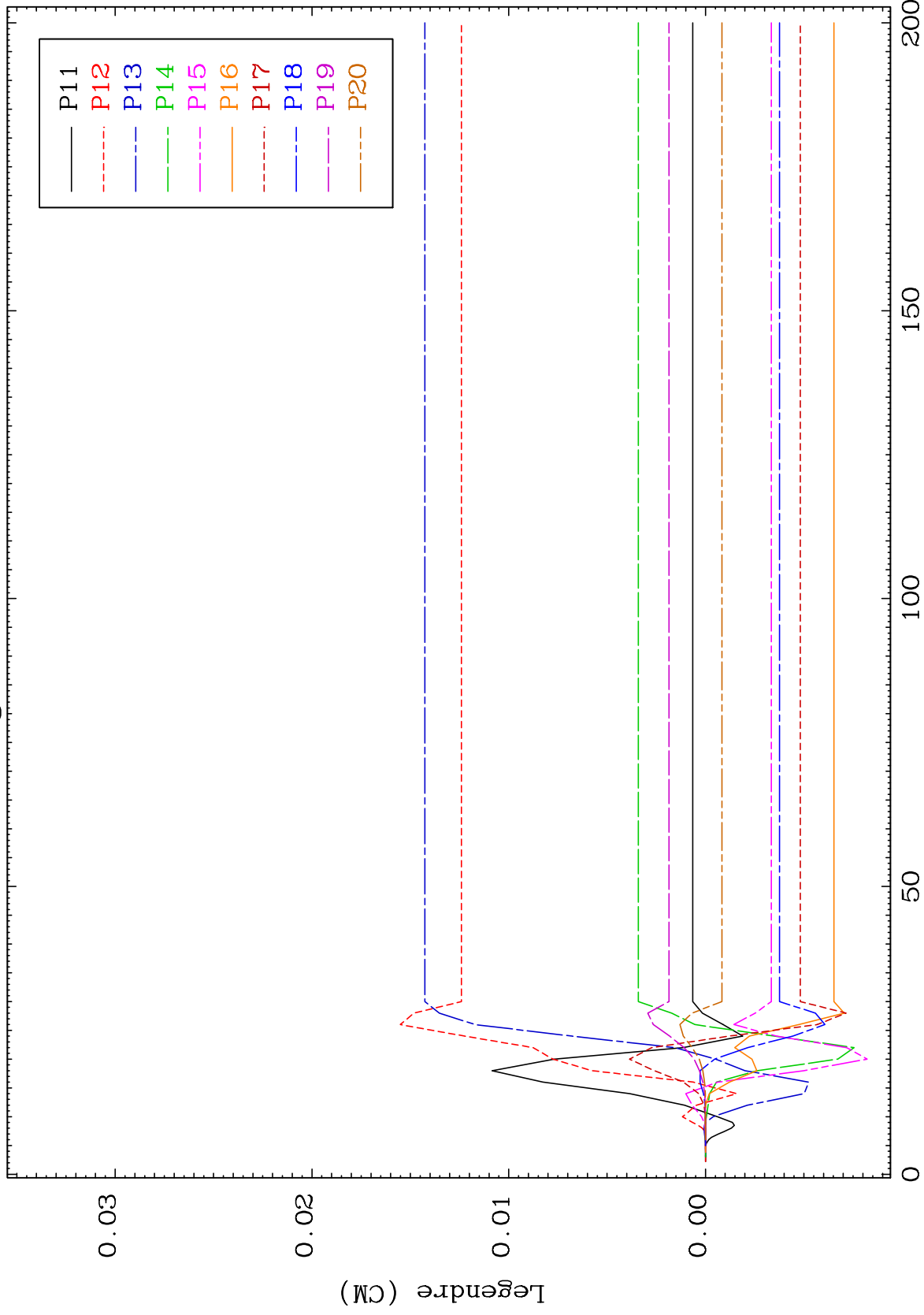
75-Re-189



MAT 7537

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

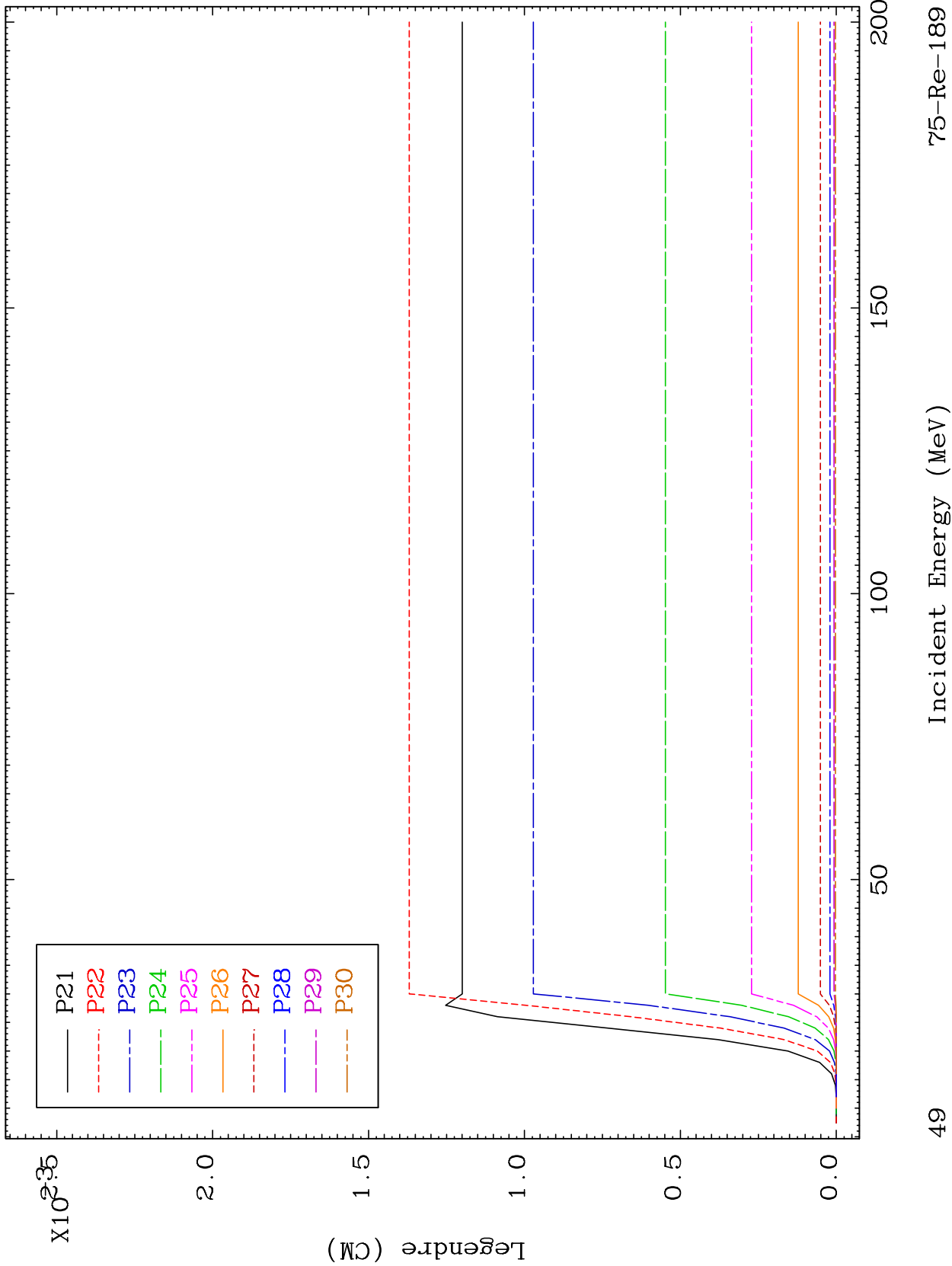
75-Re-189



48

Incident Energy (MeV)

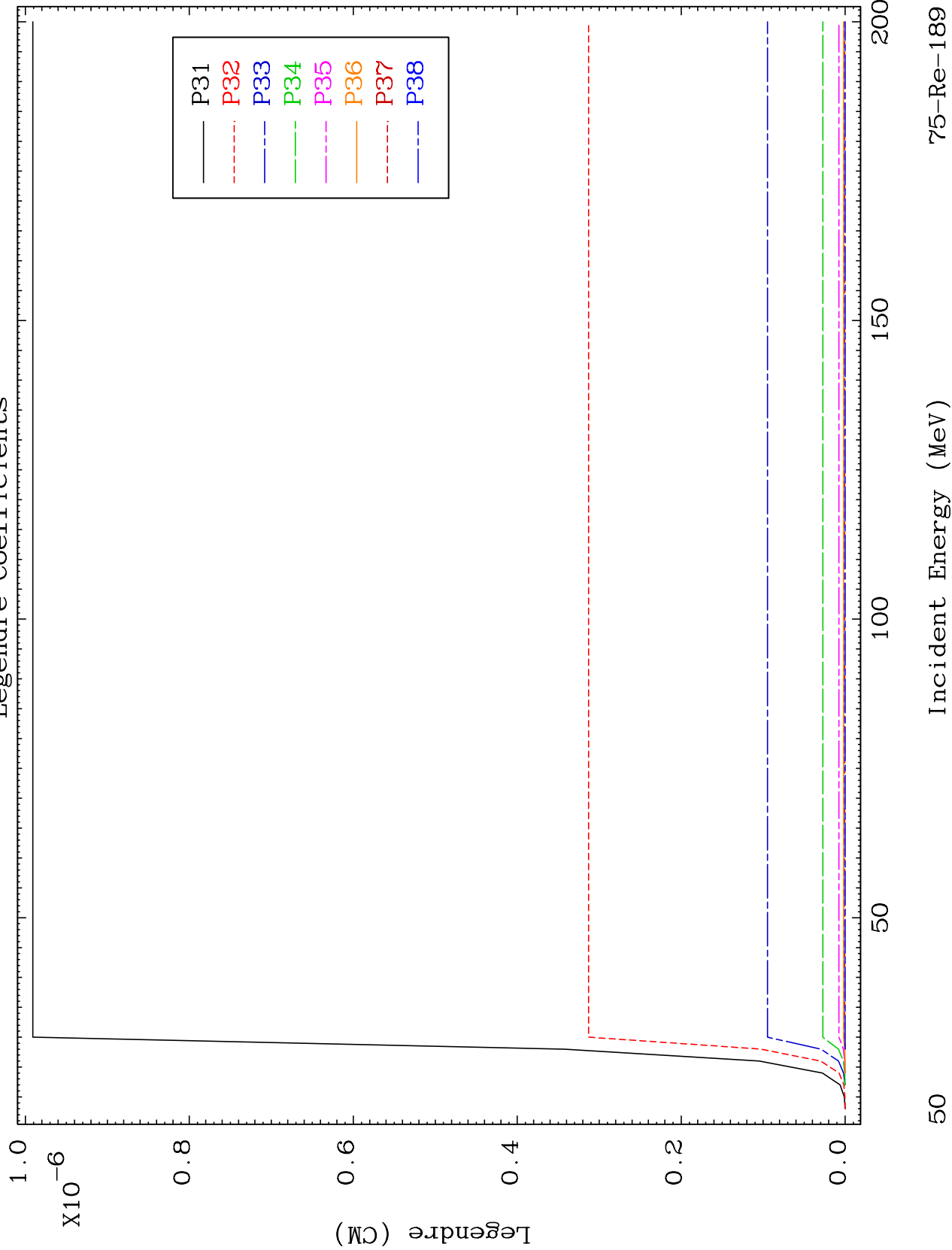
75-Re-189



MAT 7537

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

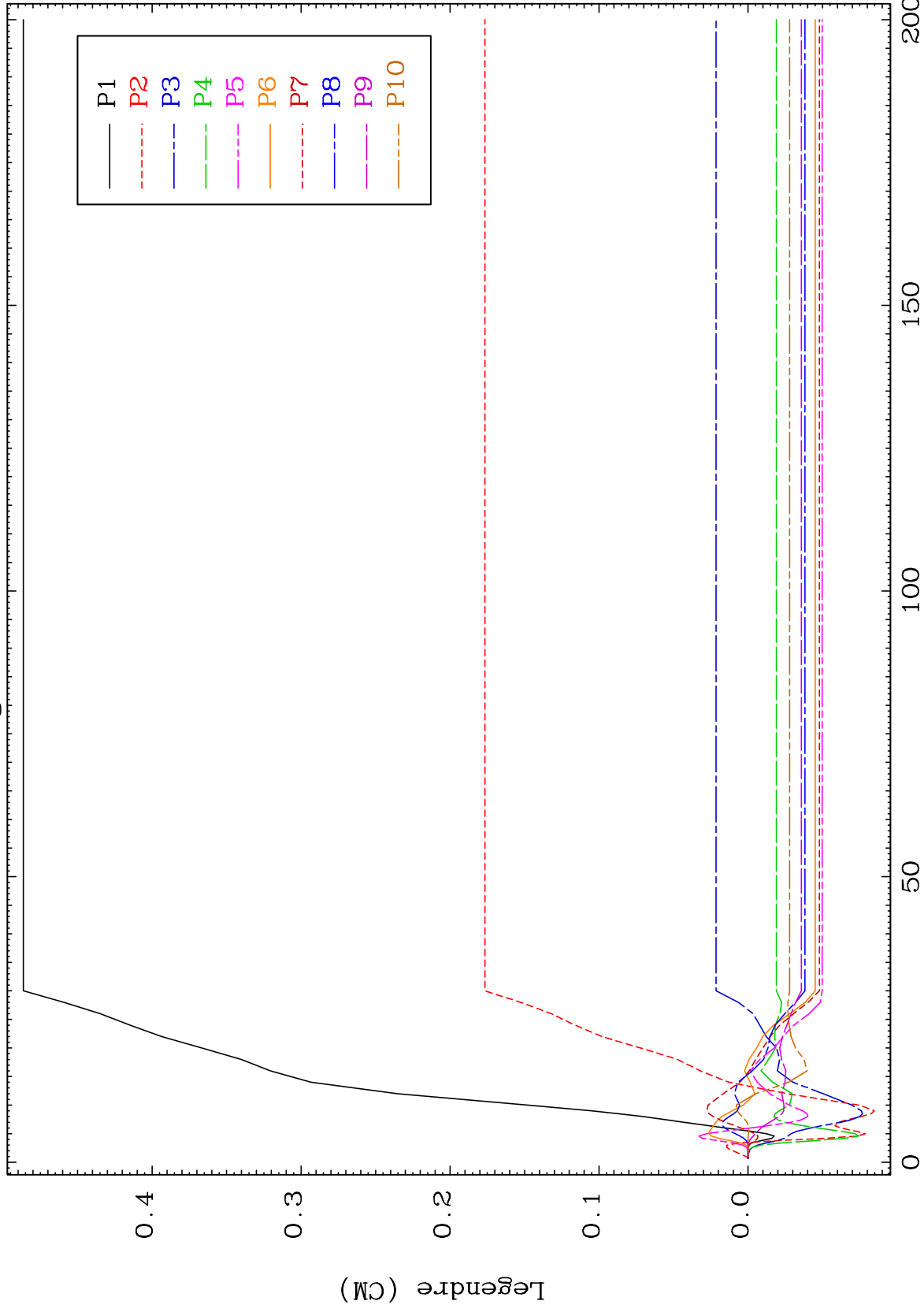
75-Re-189



MAT 7537

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

75-Re-189



75-Re-189

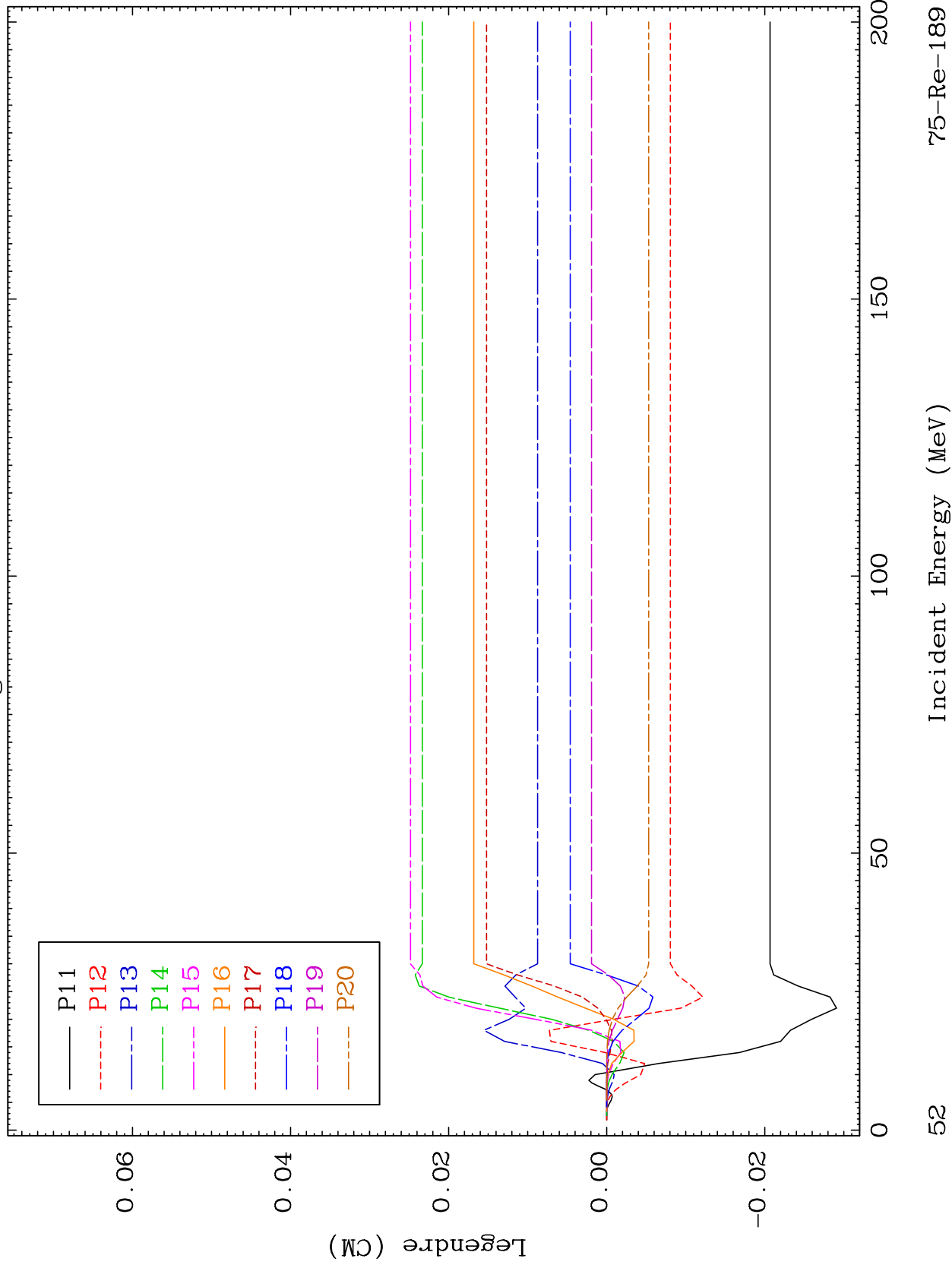
Incident Energy (MeV)

51

MAT 7537

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

75-Re-189



75-Re-189

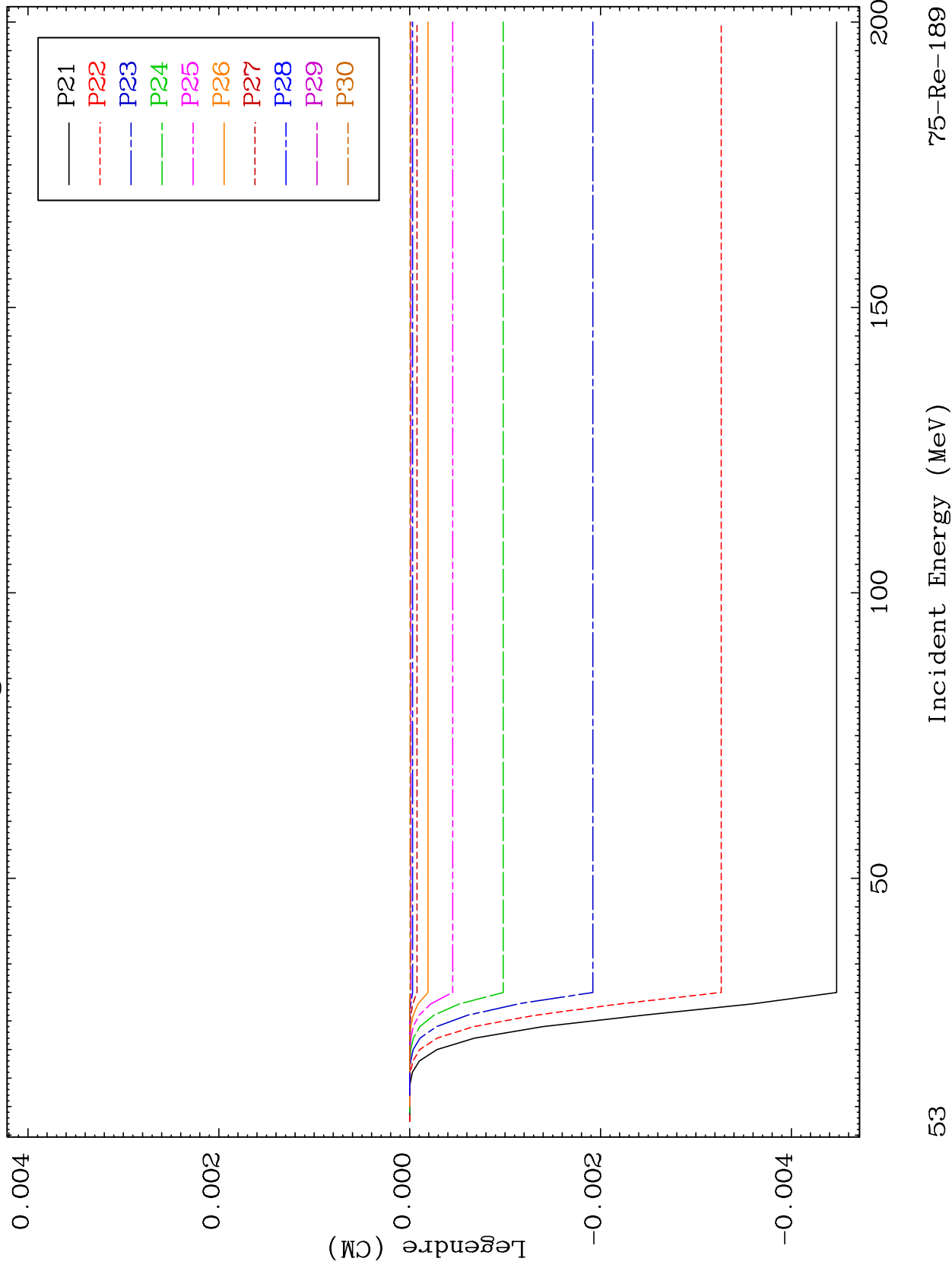
Incident Energy (MeV)

52

MAT 7537

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

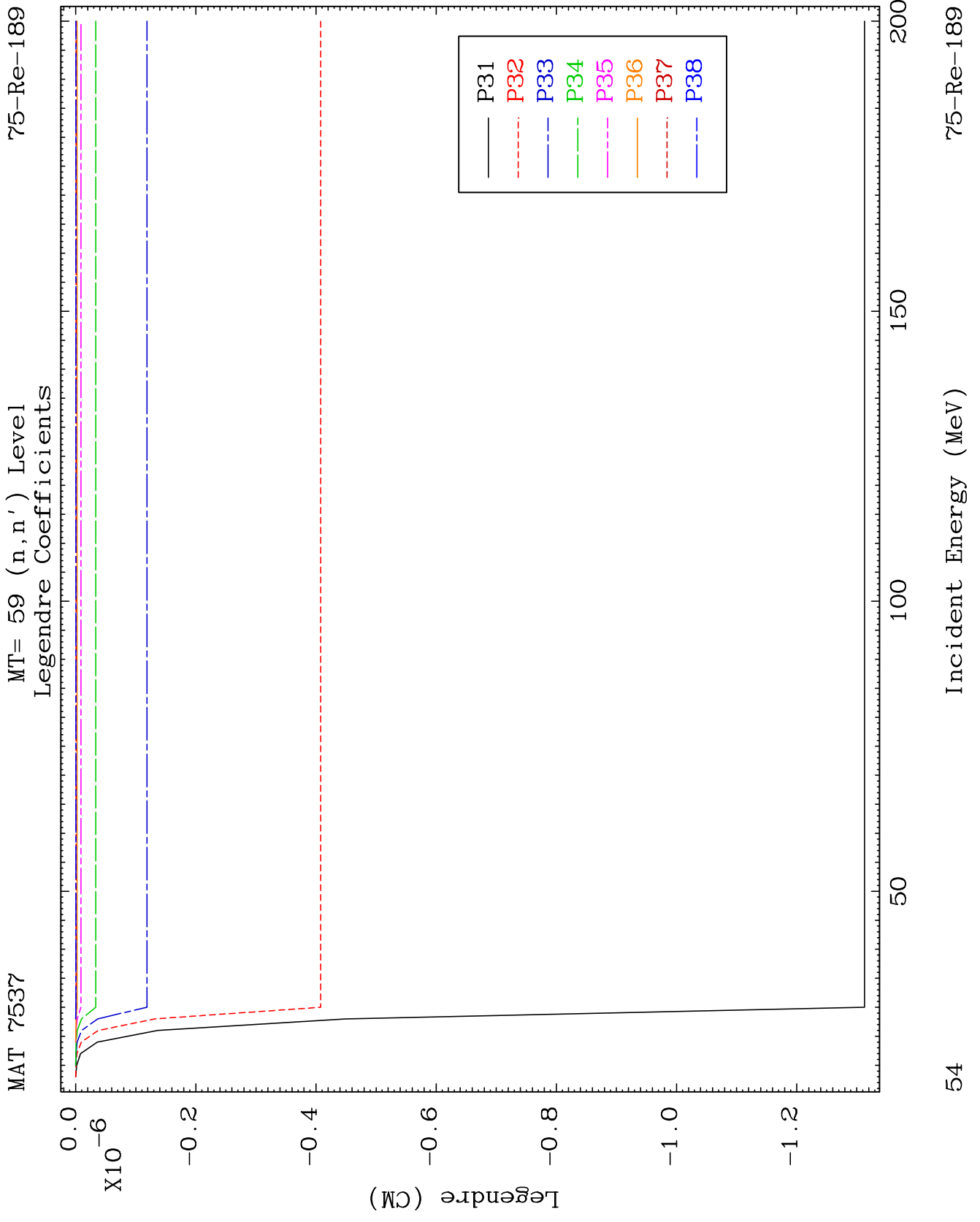
75-Re-189



53

Incident Energy (MeV)

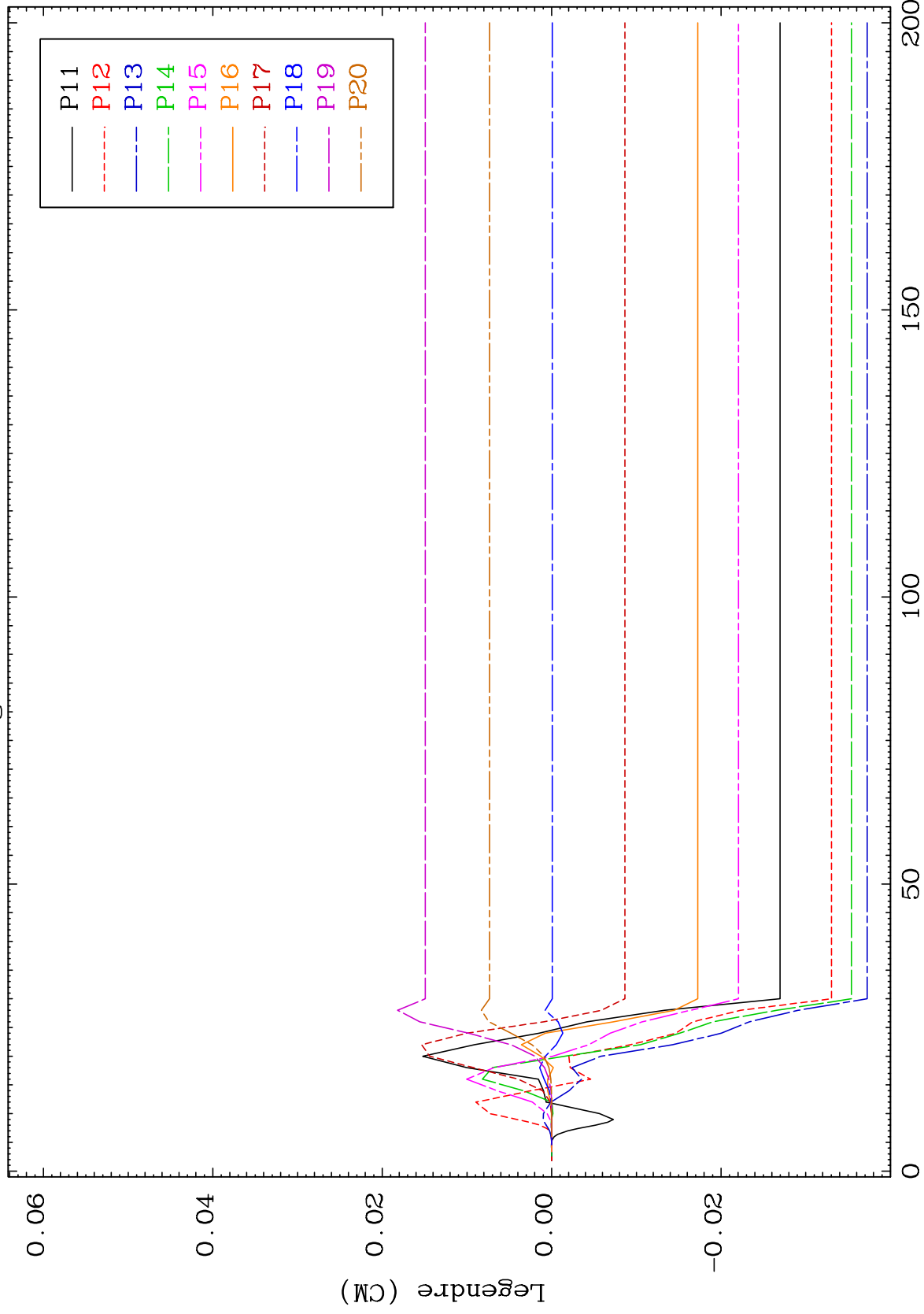
75-Re-189



MAT 7537

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

75-Re-189



56

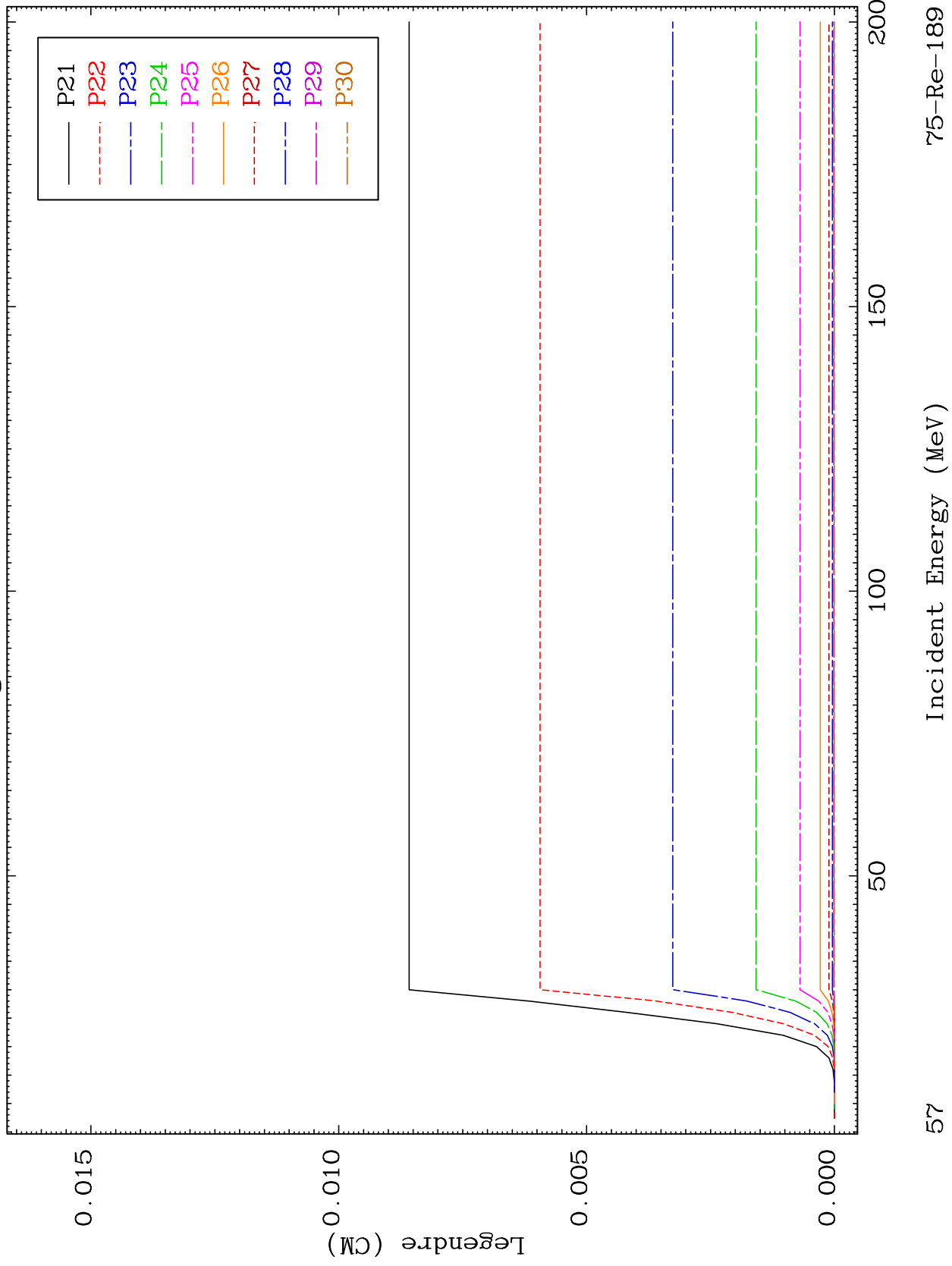
Incident Energy (MeV)

75-Re-189

MAT 7537

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

75-Re-189



57

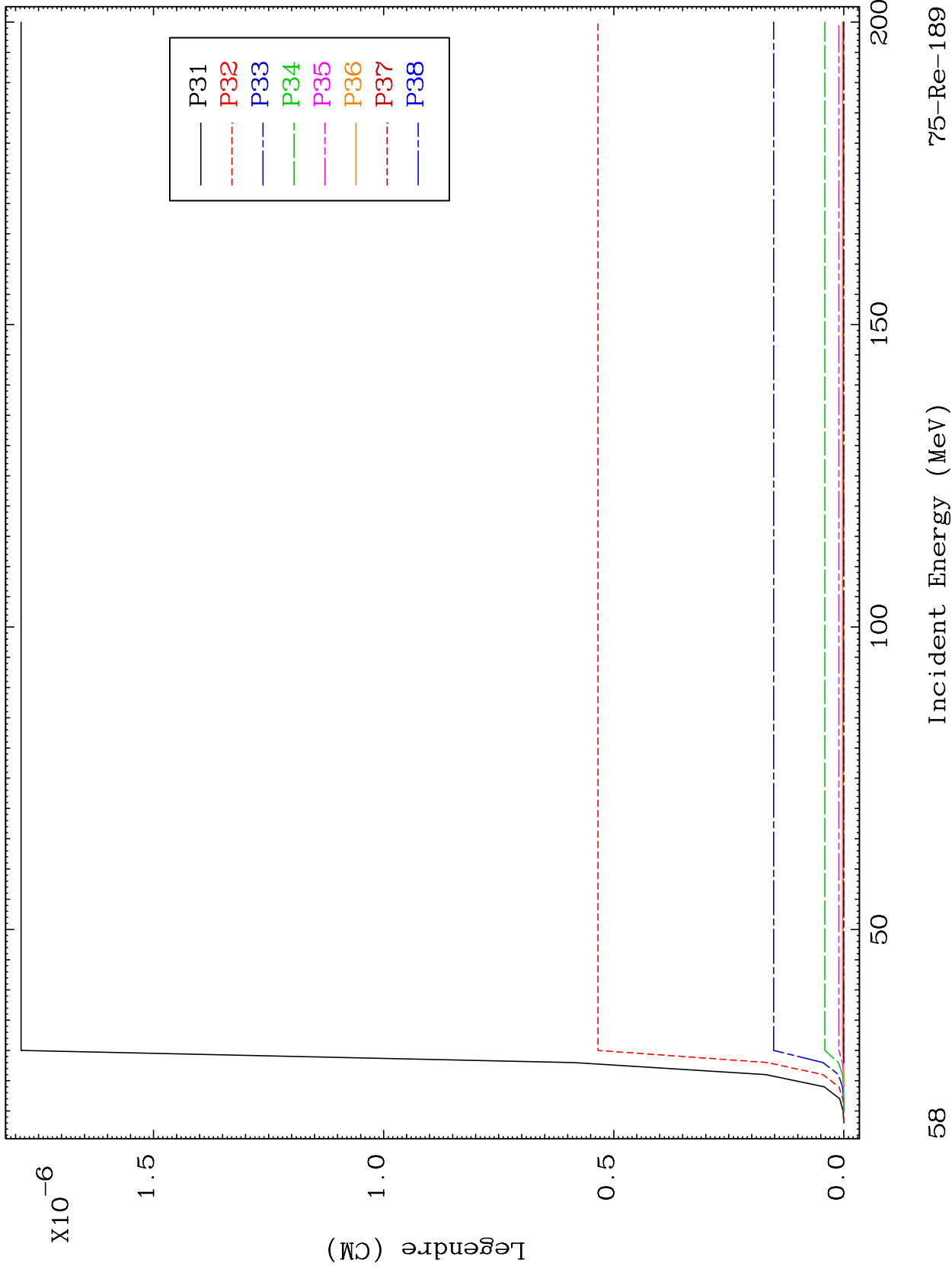
Incident Energy (MeV)

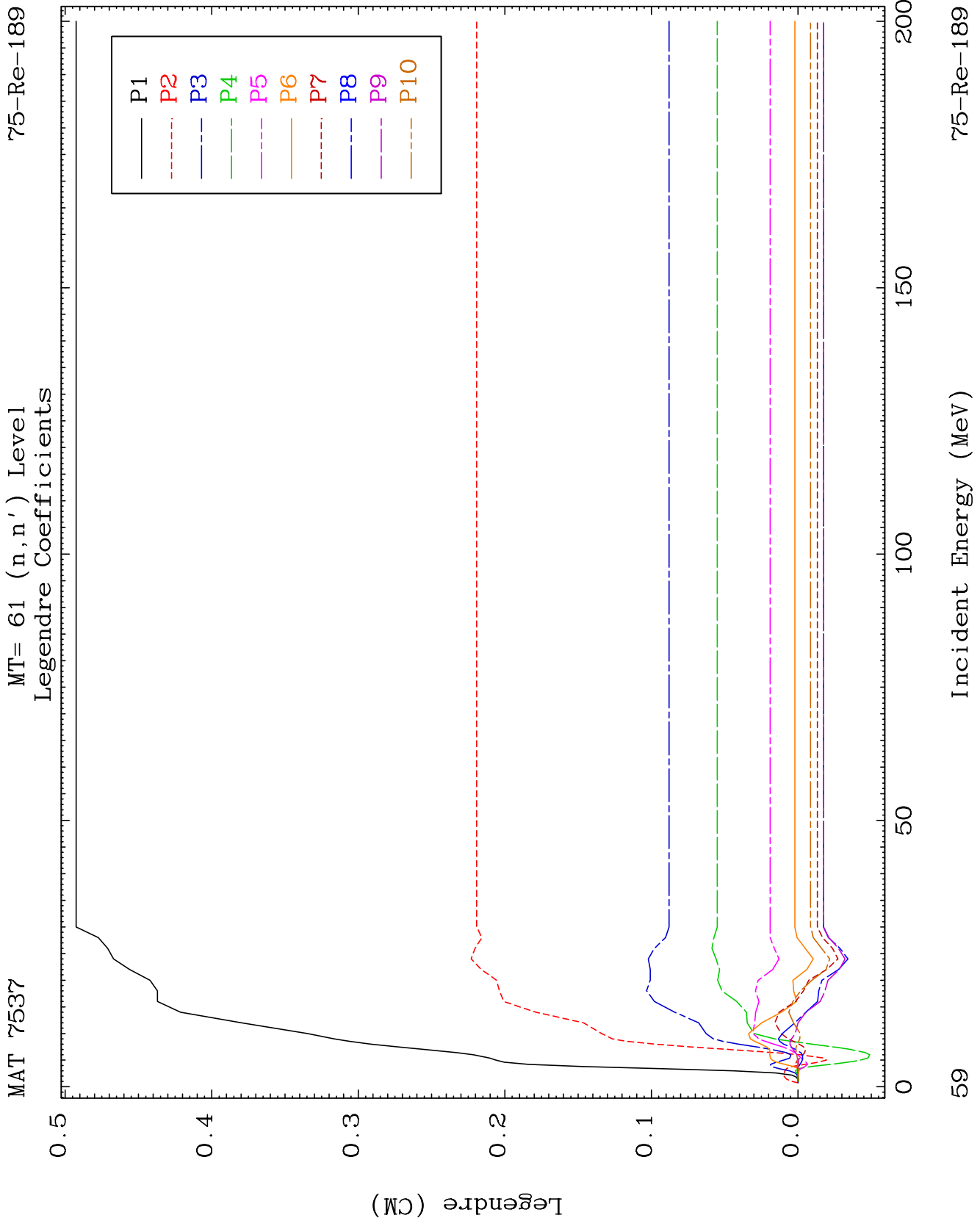
75-Re-189

MAT 7537

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

75-Re-189

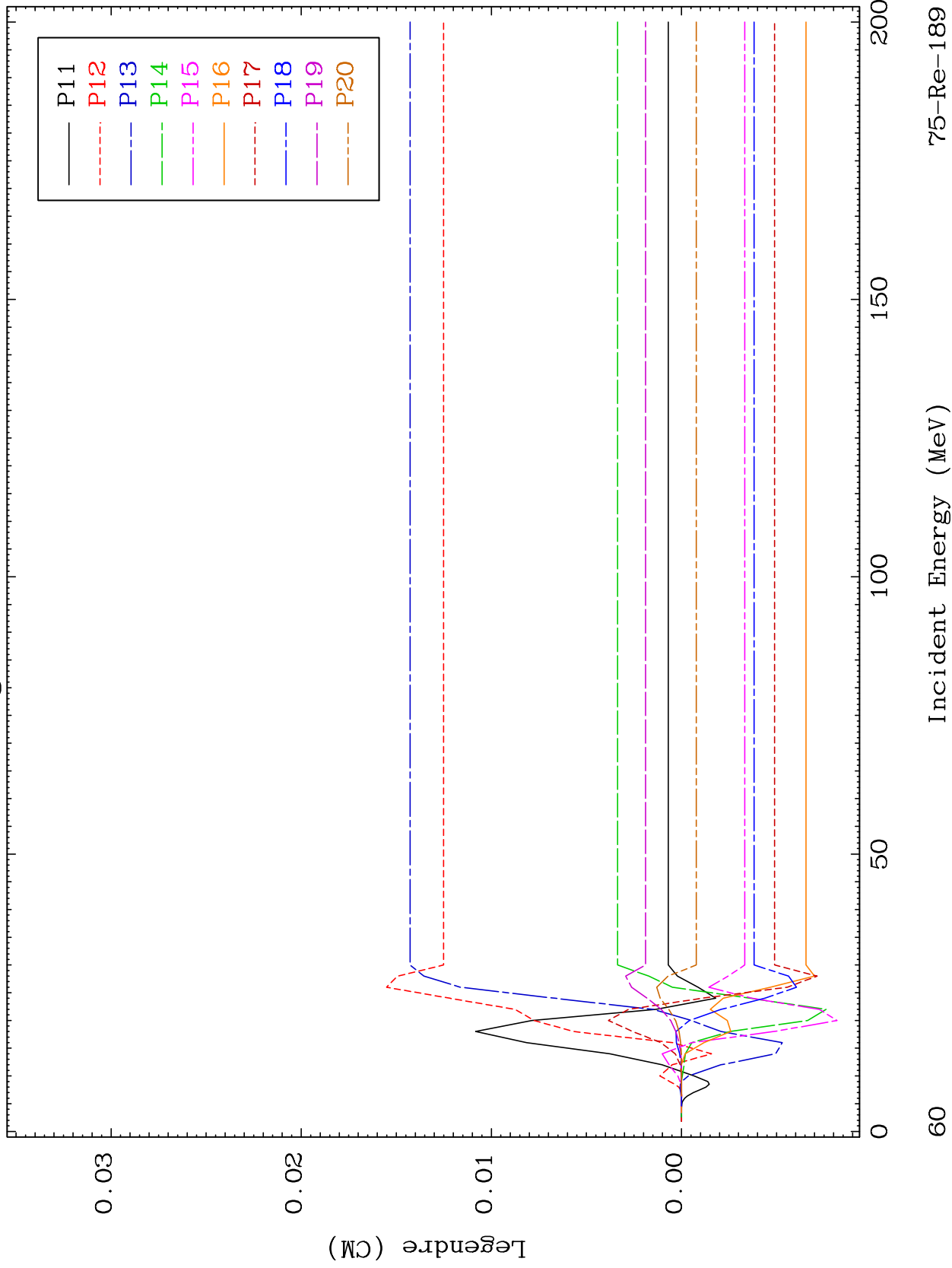




MAT 7537

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

75-Re-189

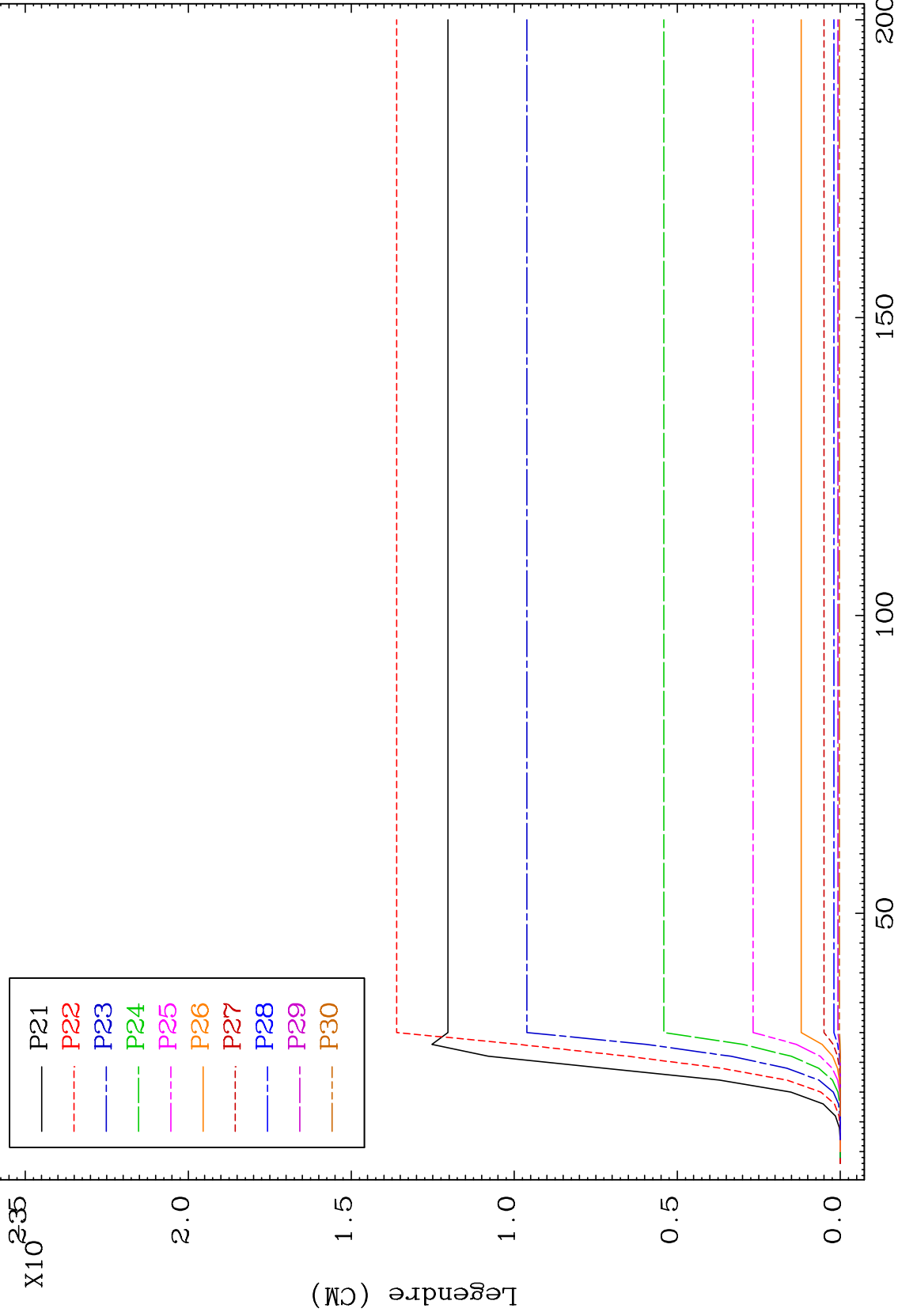
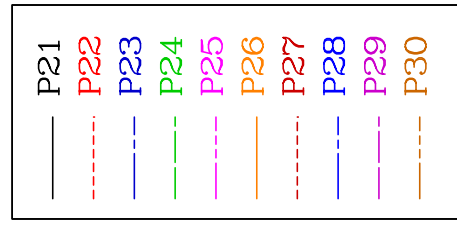


75-Re-189

MAT 7537

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

75-Re-189



61

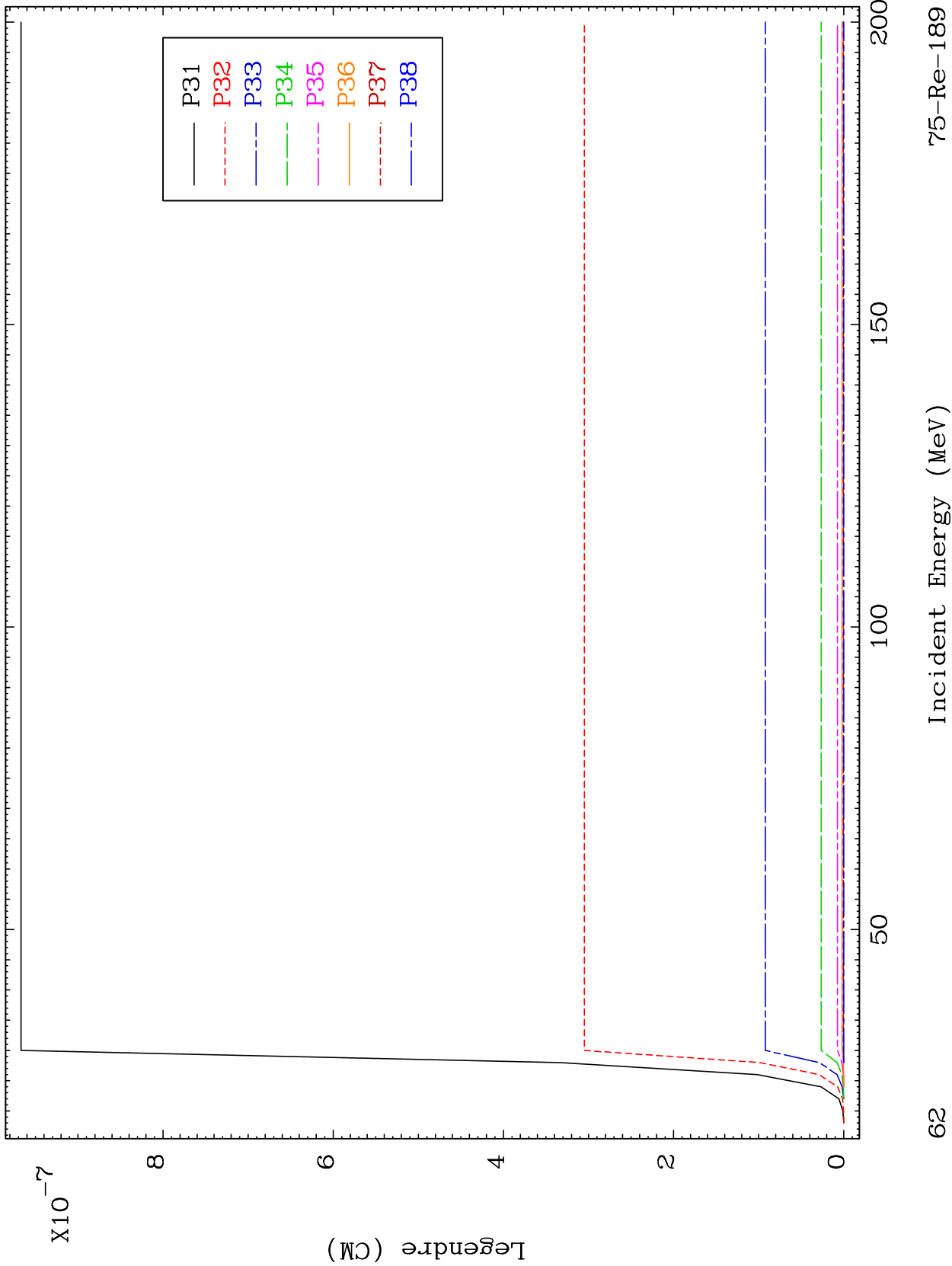
Incident Energy (MeV)

75-Re-189

MAT 7537

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

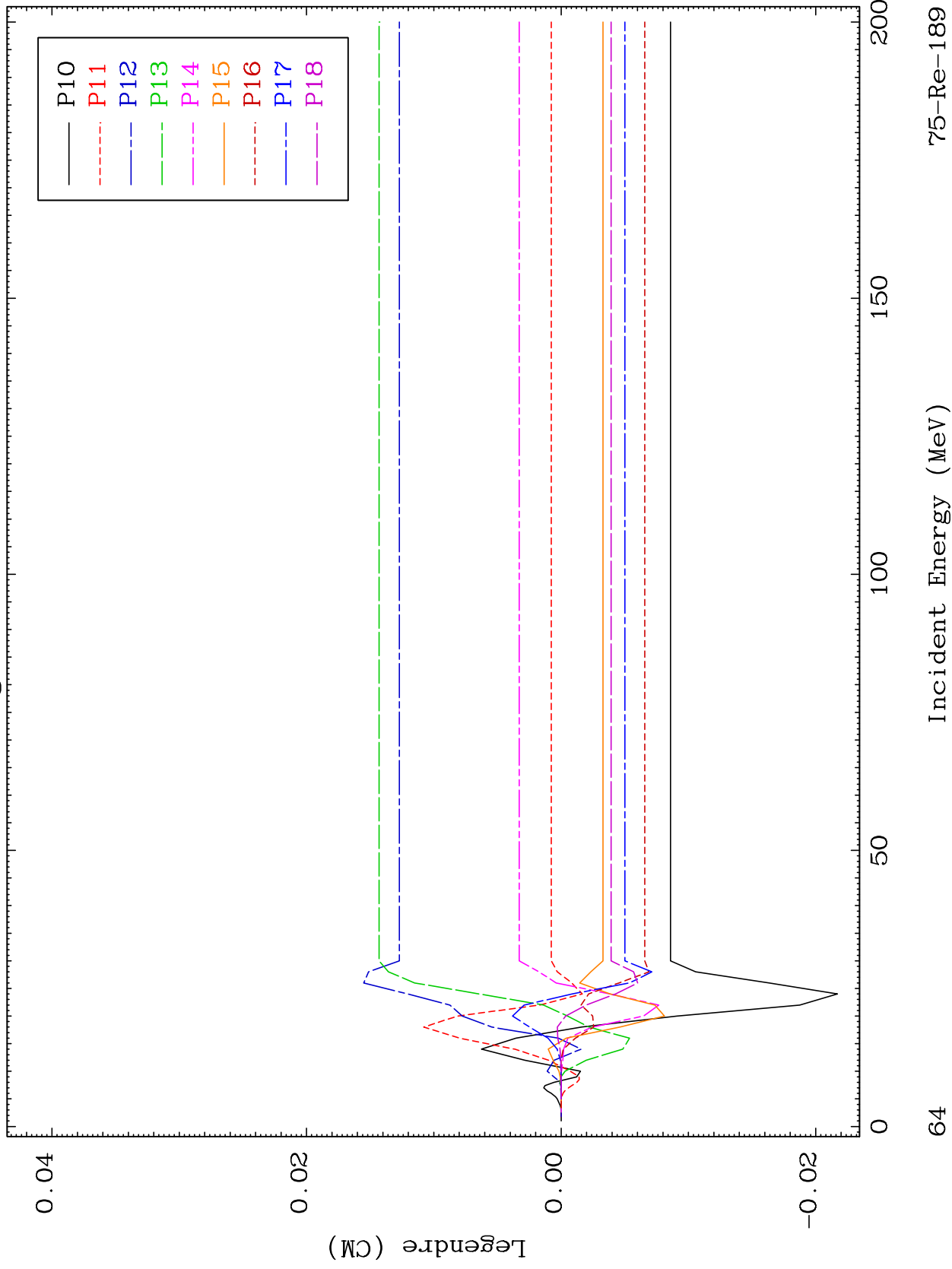
75-Re-189



MAT 7537

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

75-Re-189



75-Re-189

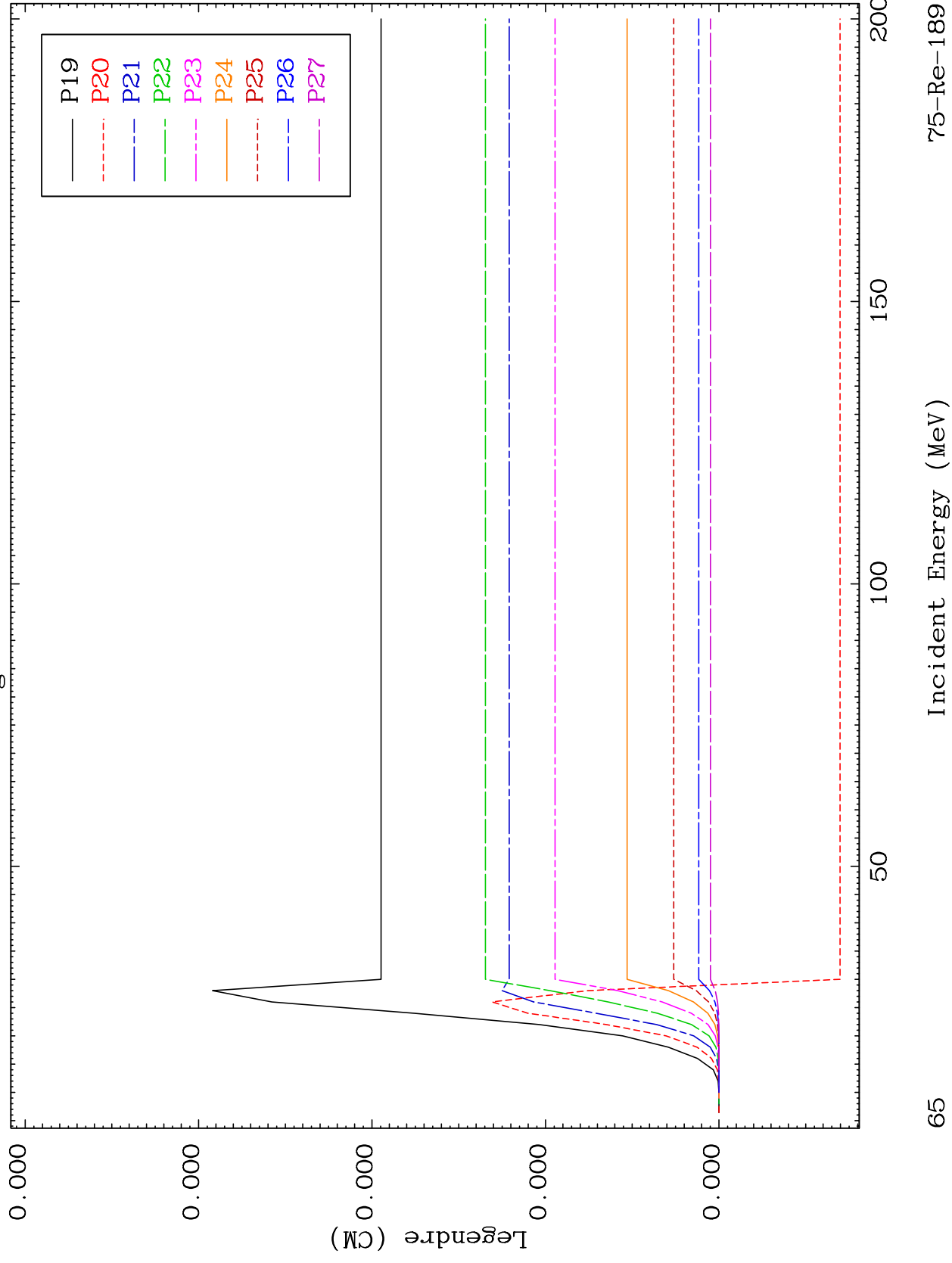
Incident Energy (MeV)

64

MAT 7537

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

75-Re-189



65

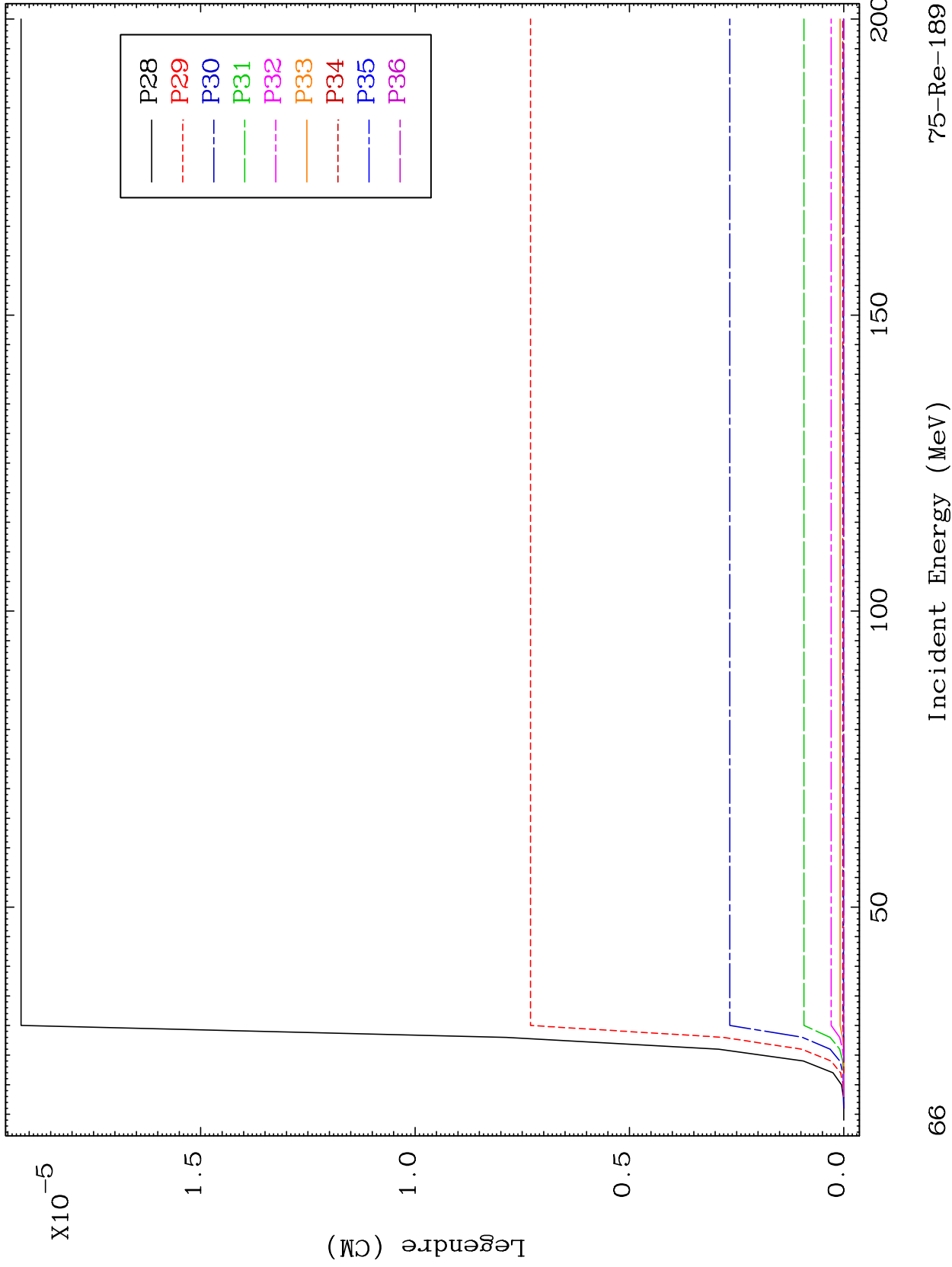
Incident Energy (MeV)

75-Re-189

MAT 7537

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

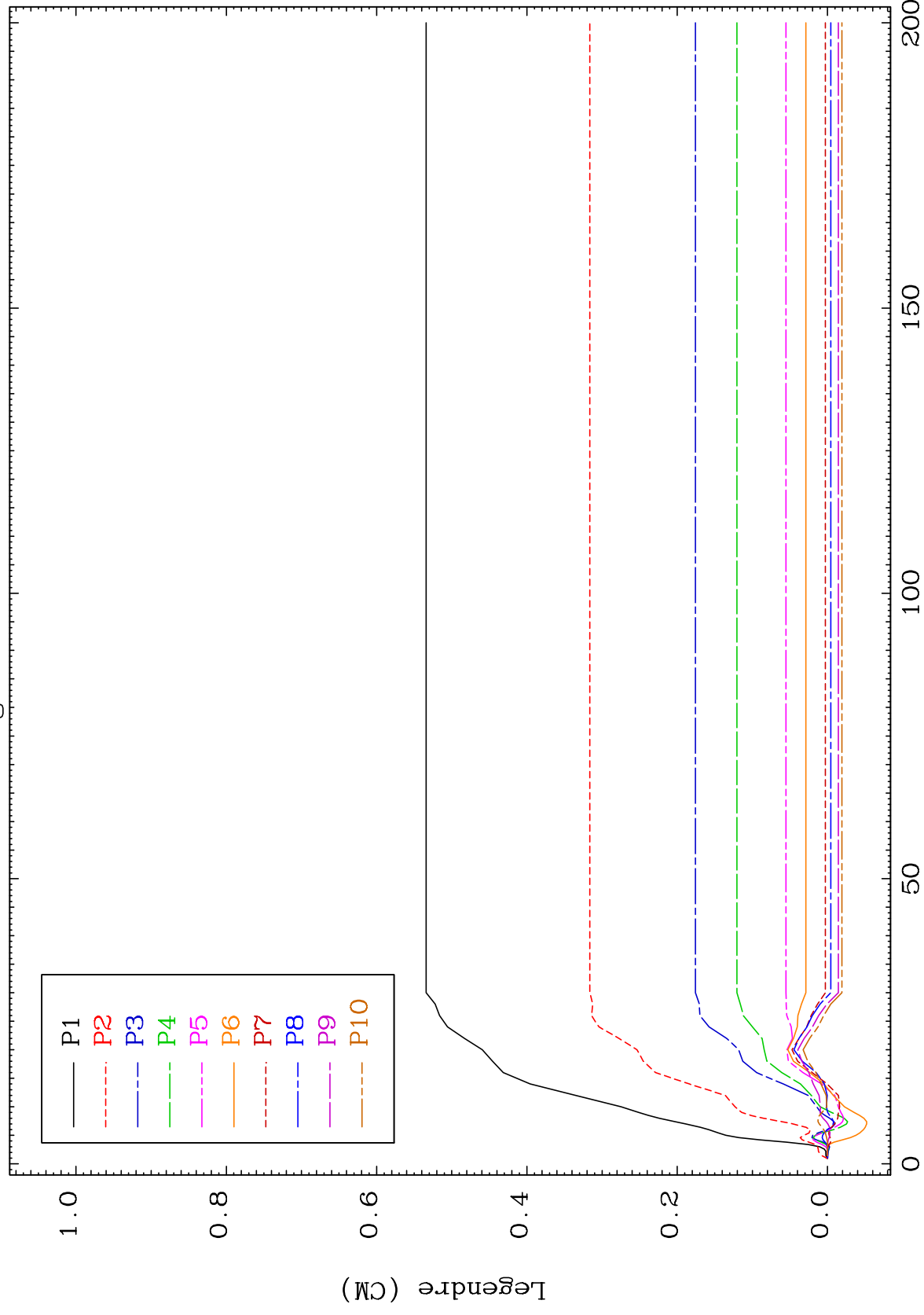
75-Re-189



MAT 7537

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

75-Re-189



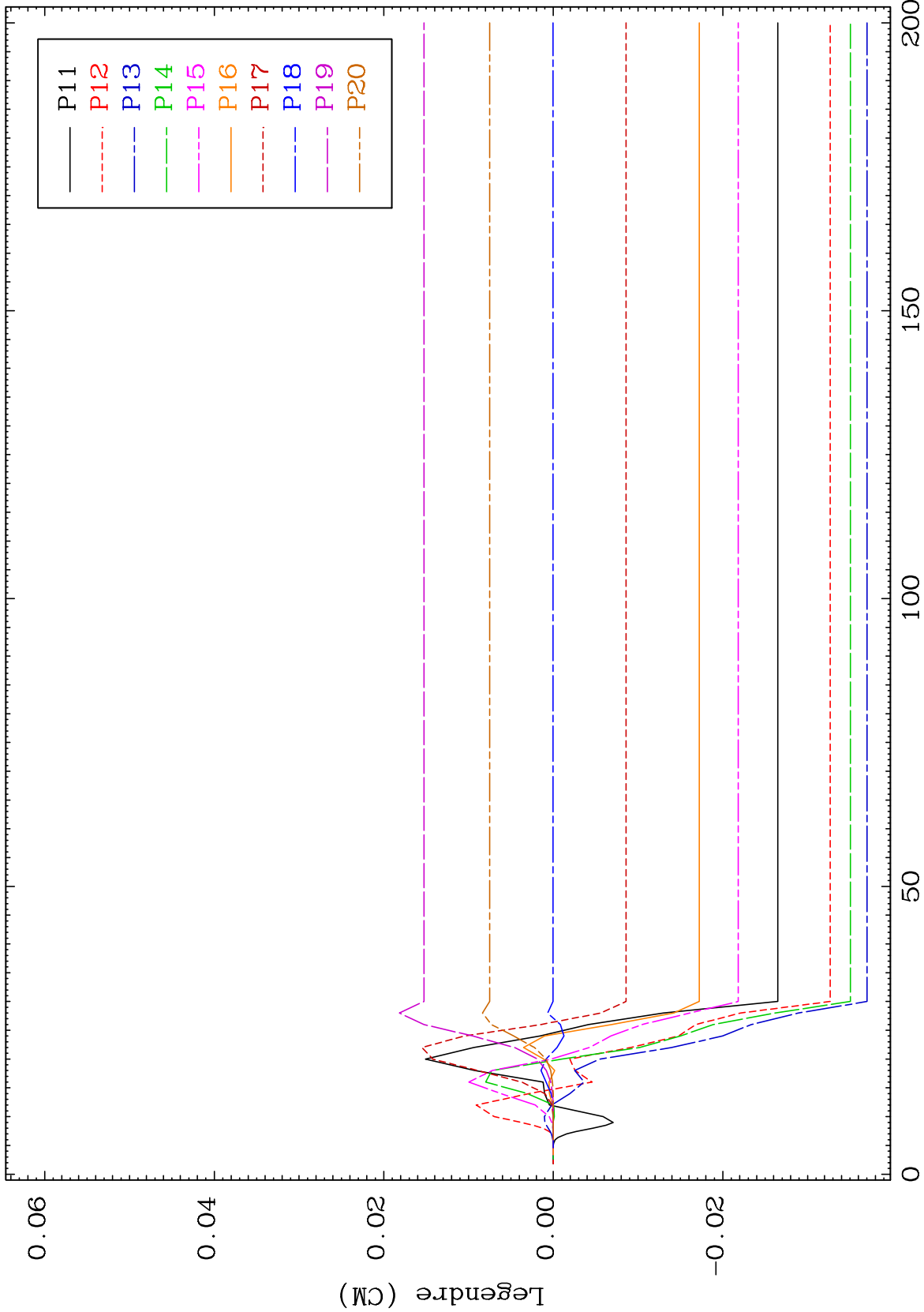
67

75-Re-189

MAT 7537

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

75-Re-189



68

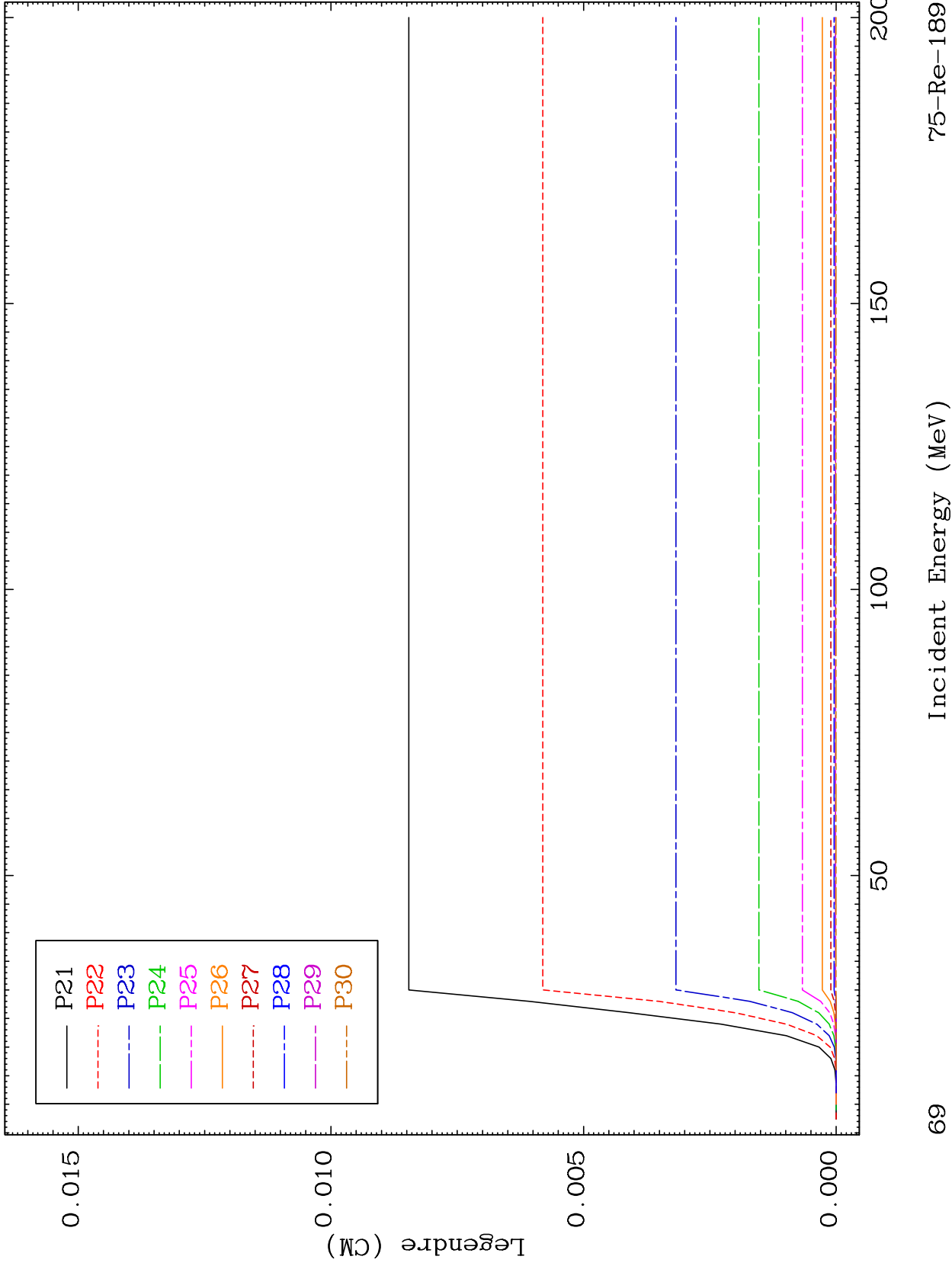
Incident Energy (MeV)

75-Re-189

MAT 7537

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

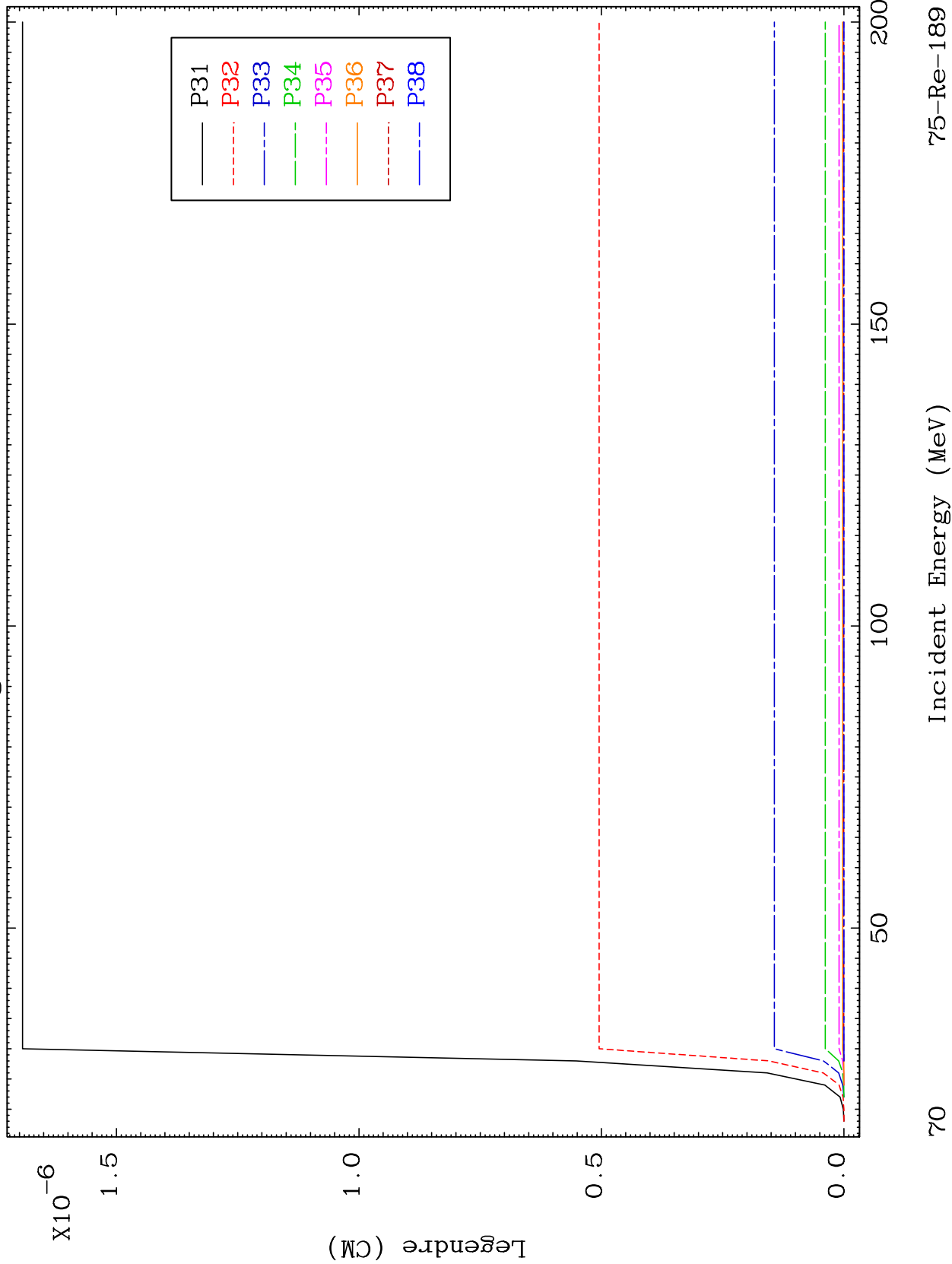
75-Re-189



MAT 7537

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

75-Re-189



70

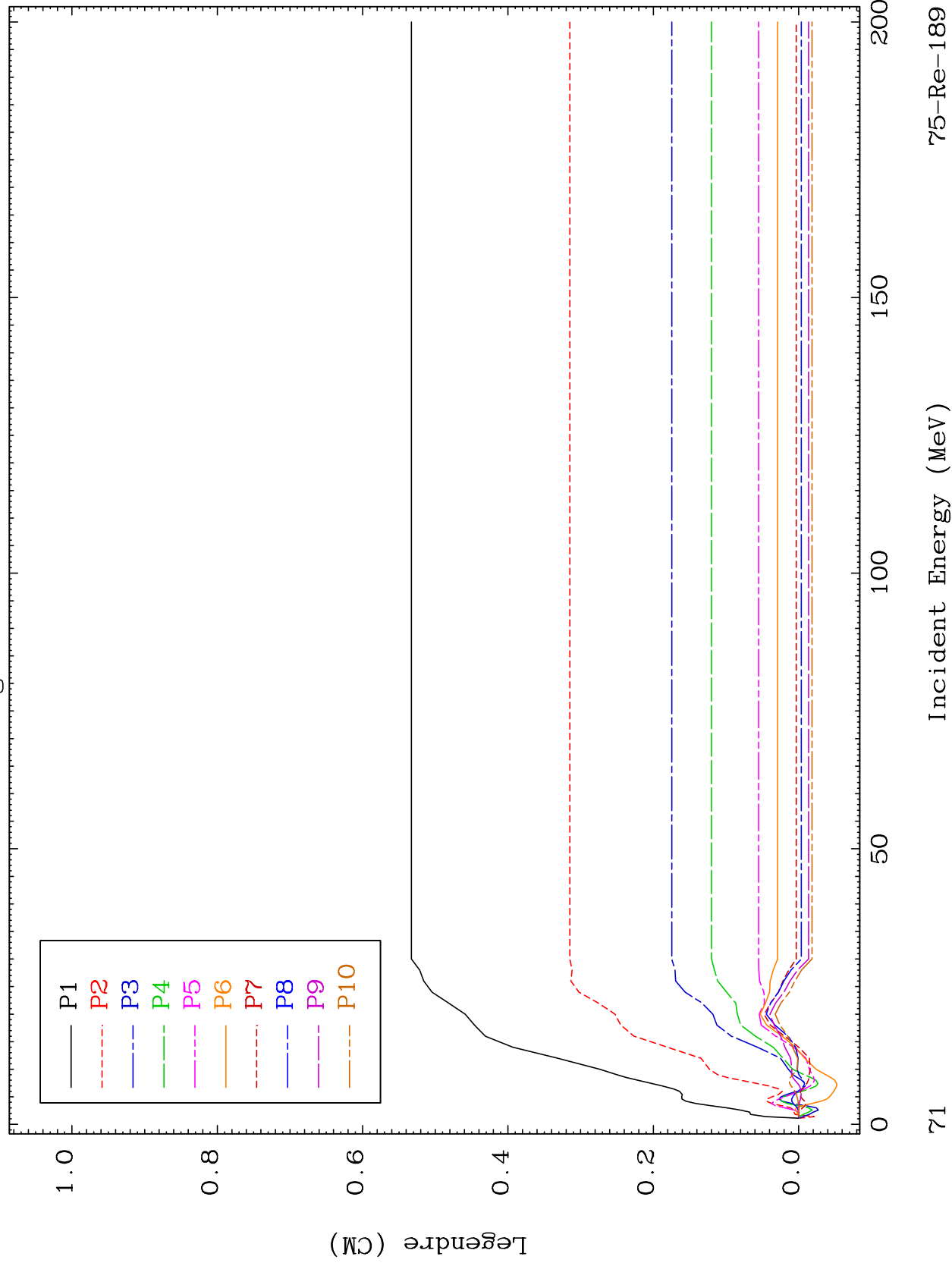
Incident Energy (MeV)

75-Re-189

MAT 7537

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

75-Re-189



71

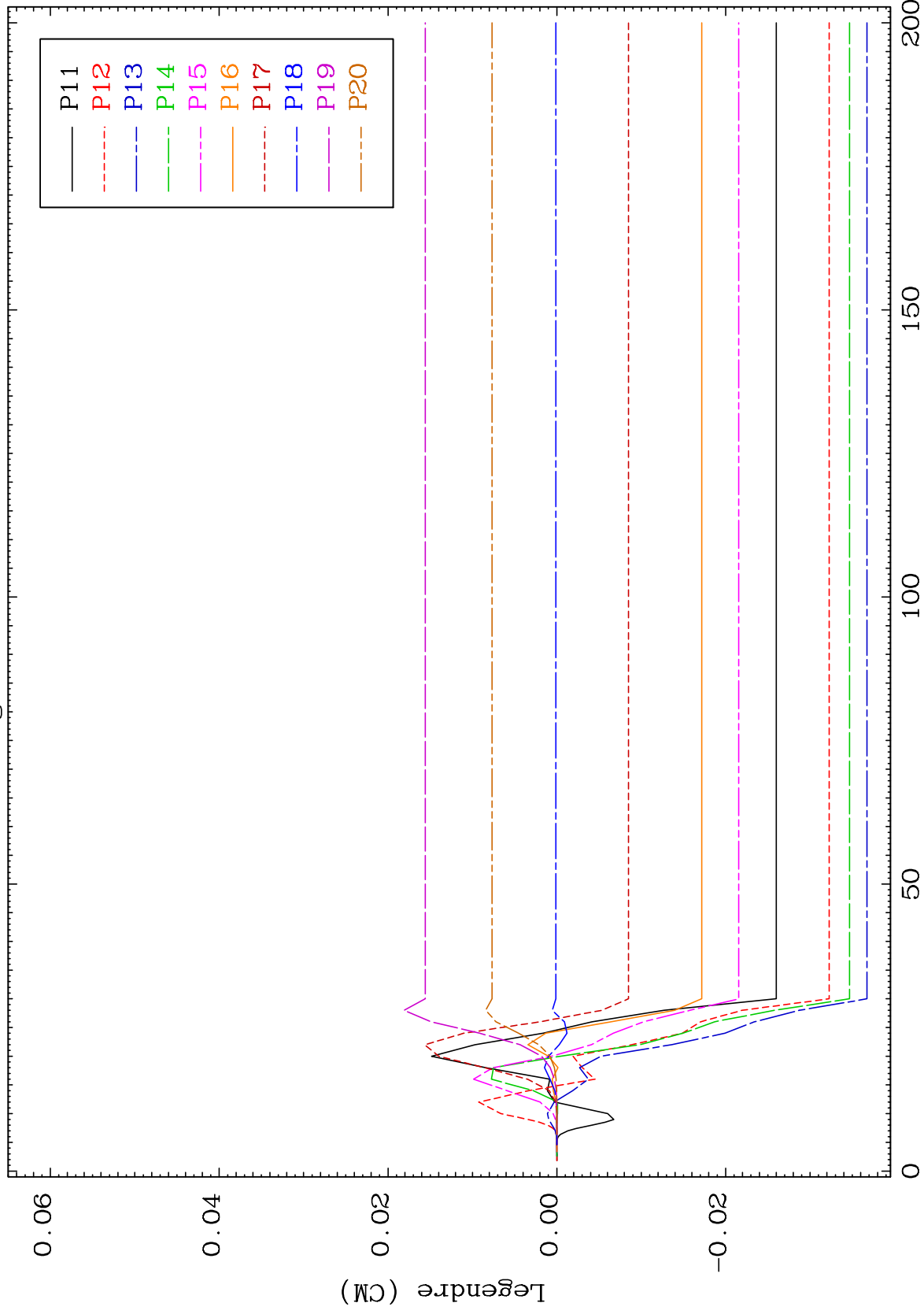
Incident Energy (MeV)

75-Re-189

MAT 7537

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

75-Re-189



72

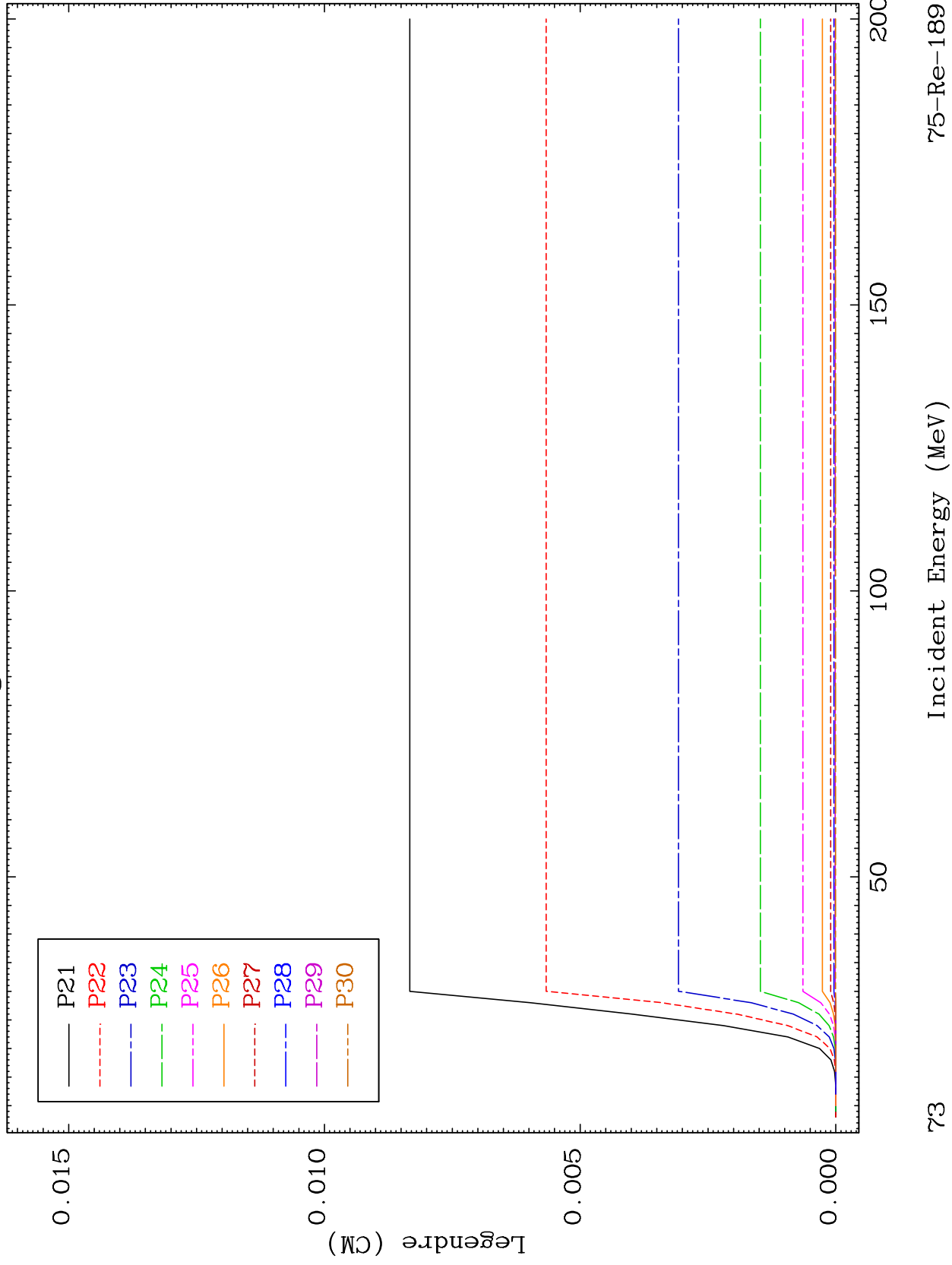
Incident Energy (MeV)

75-Re-189

MAT 7537

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

75-Re-189



73

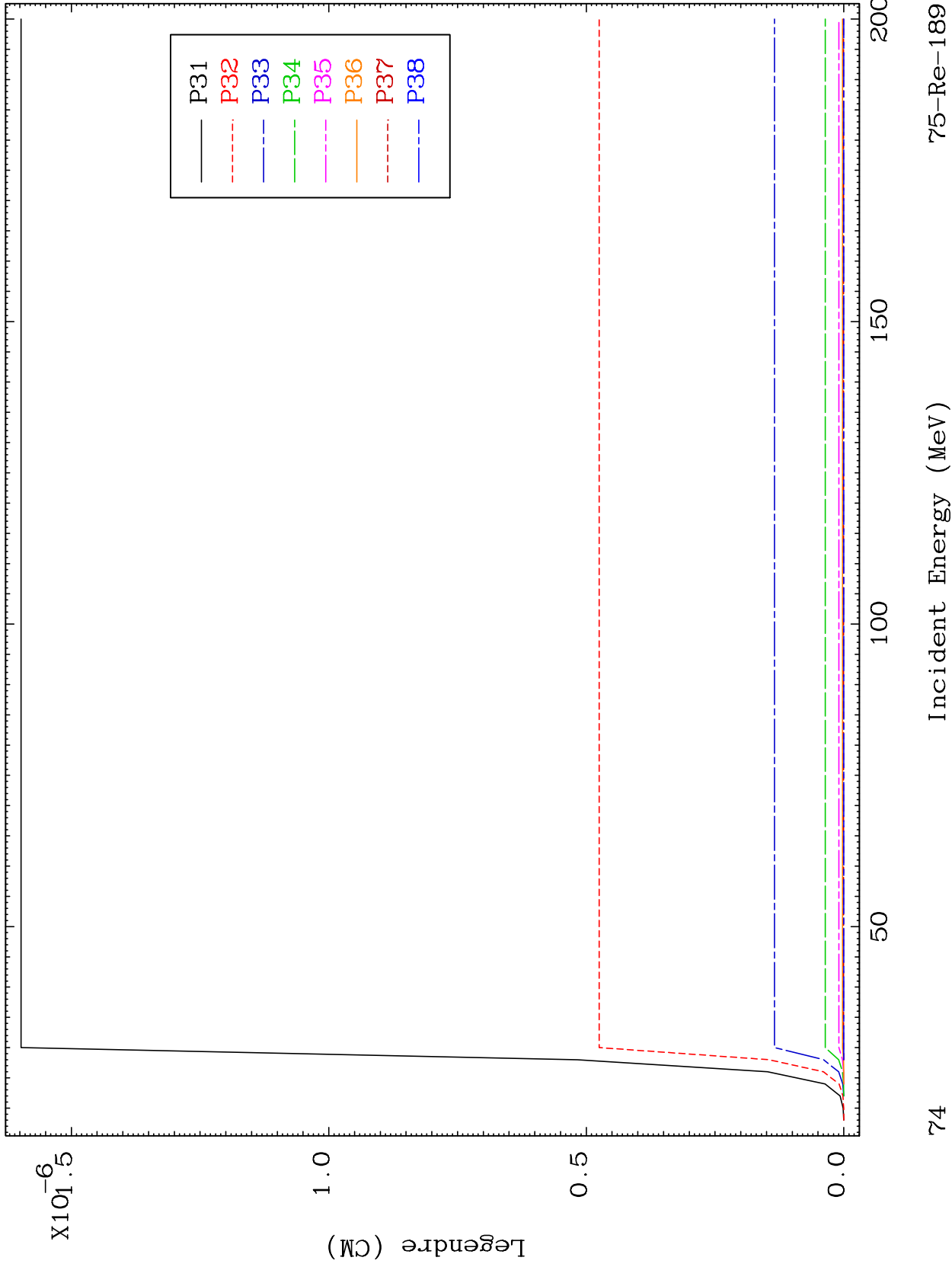
Incident Energy (MeV)

75-Re-189

MAT 7537

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

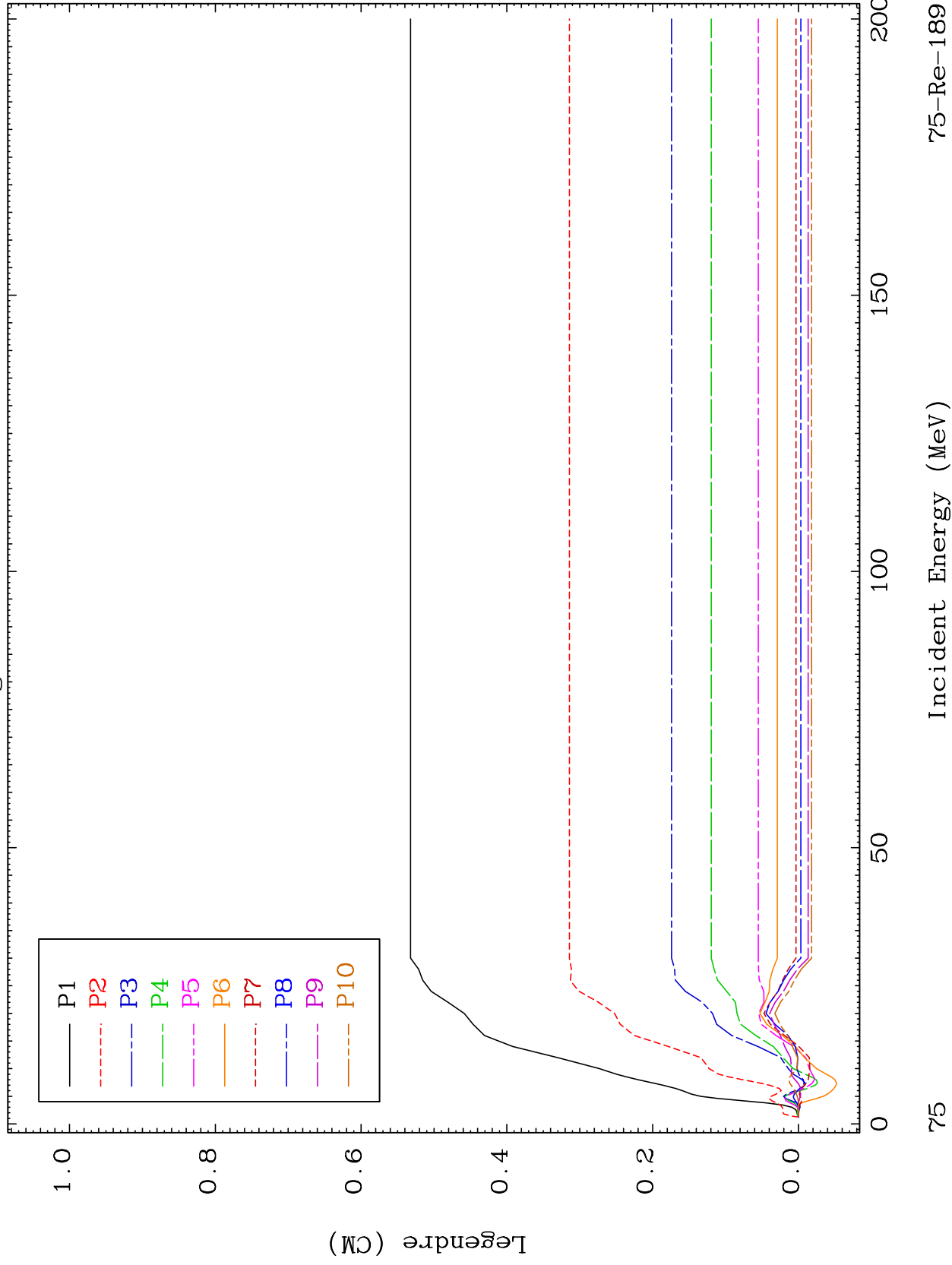
75-Re-189



MAT 7537

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

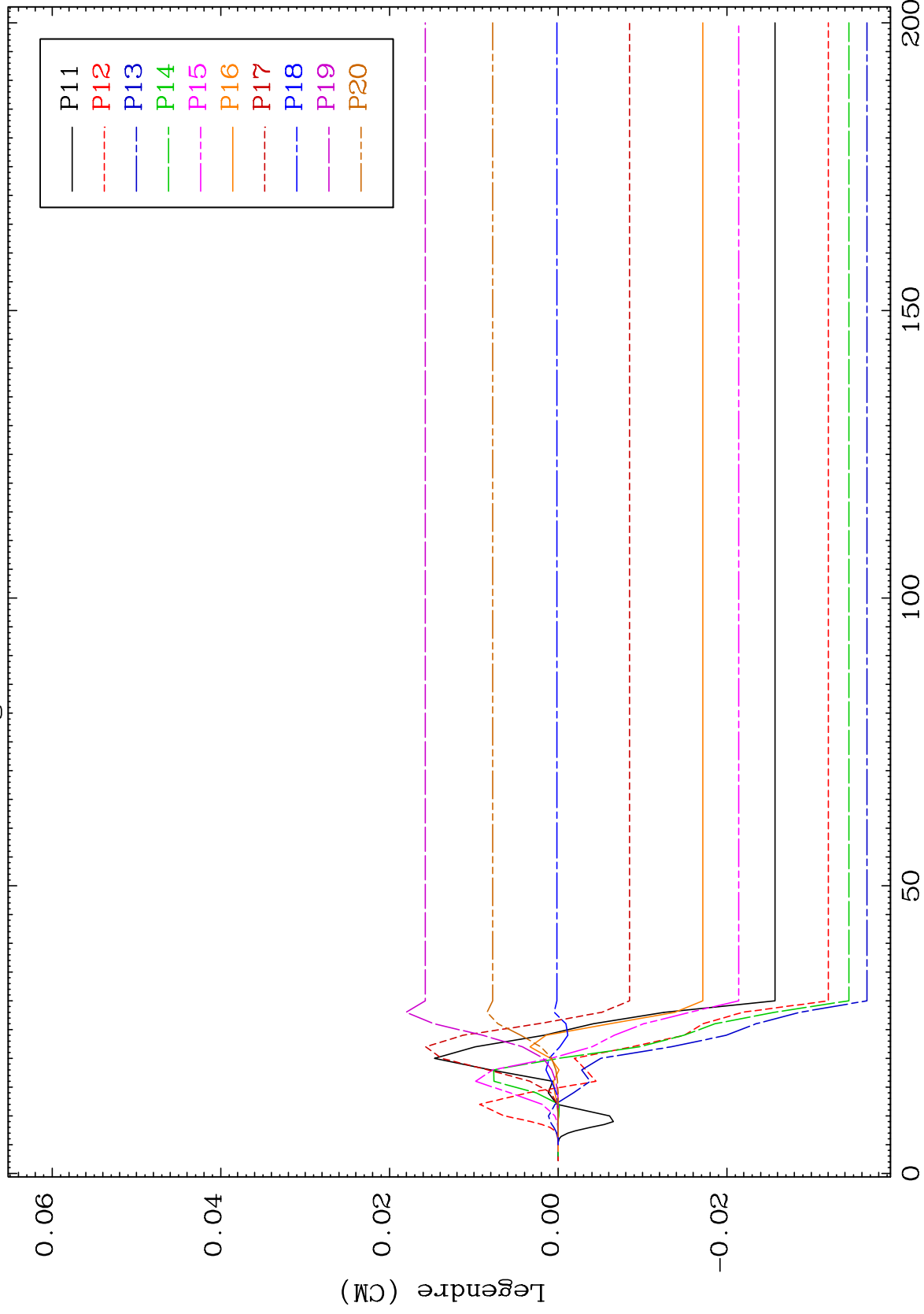
75-Re-189



MAT 7537

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

75-Re-189



76

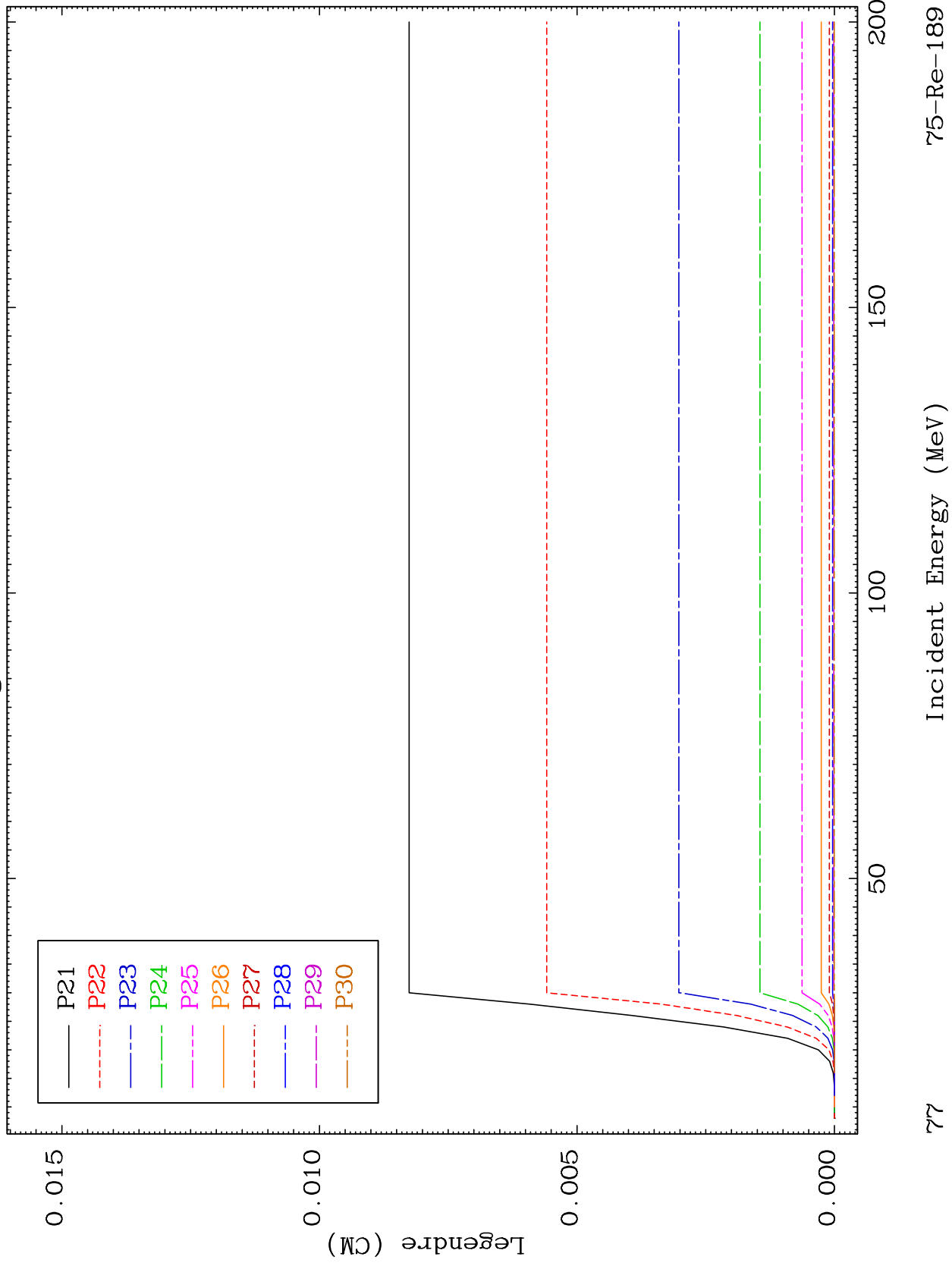
Incident Energy (MeV)

75-Re-189

MAT 7537

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

75-Re-189



77

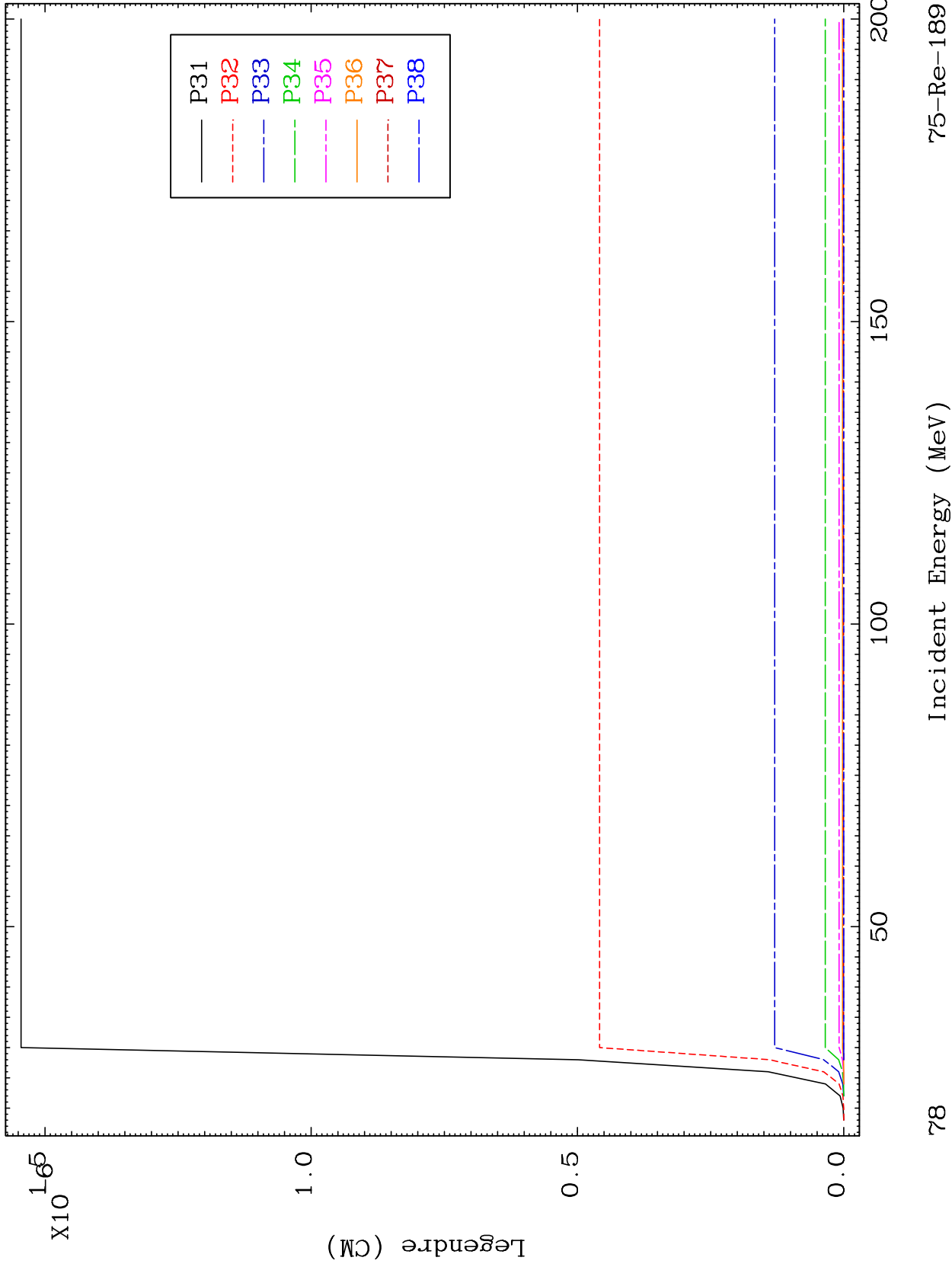
Incident Energy (MeV)

75-Re-189

MAT 7537

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

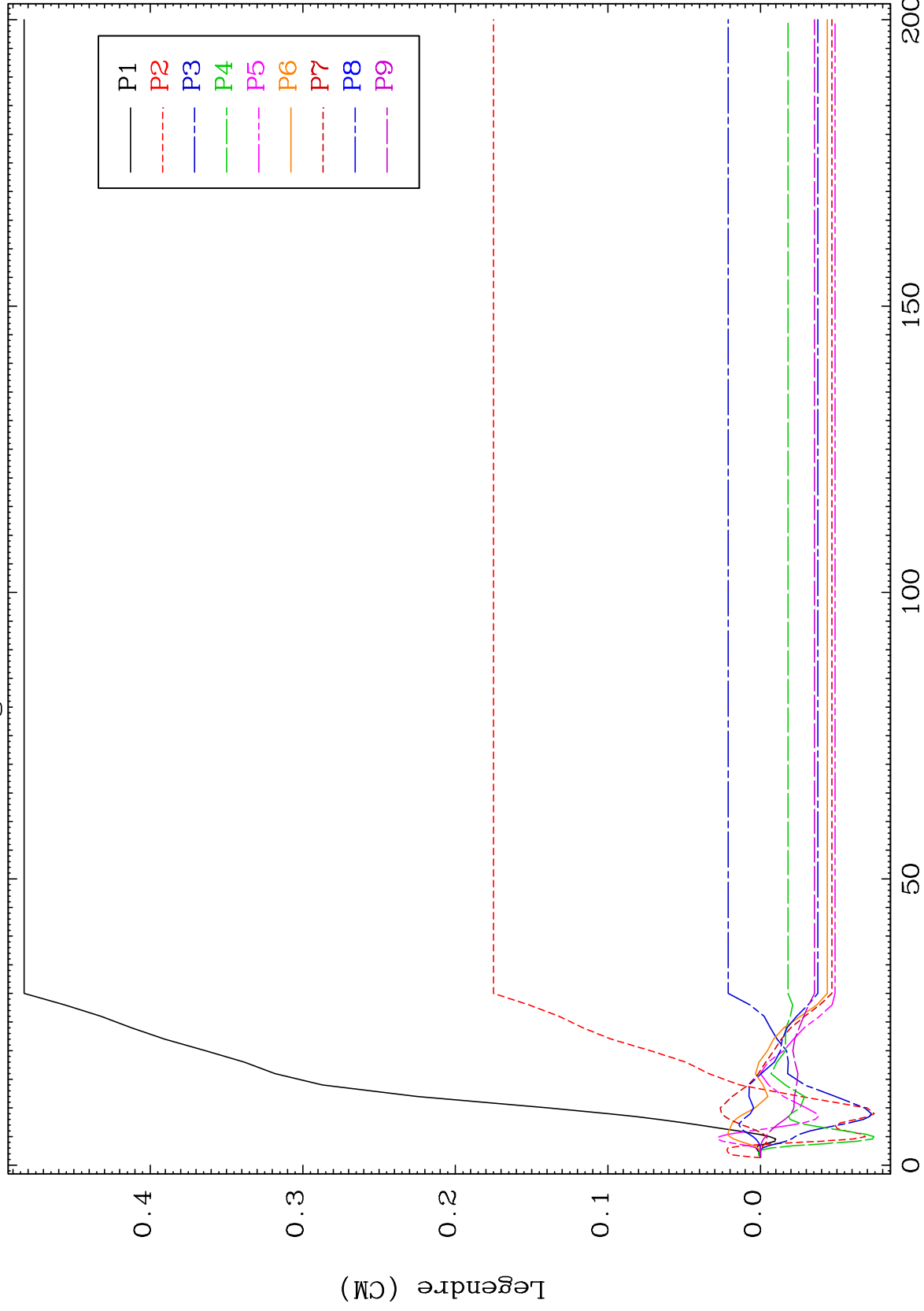
75-Re-189



MAT 7537

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

75-Re-189



79

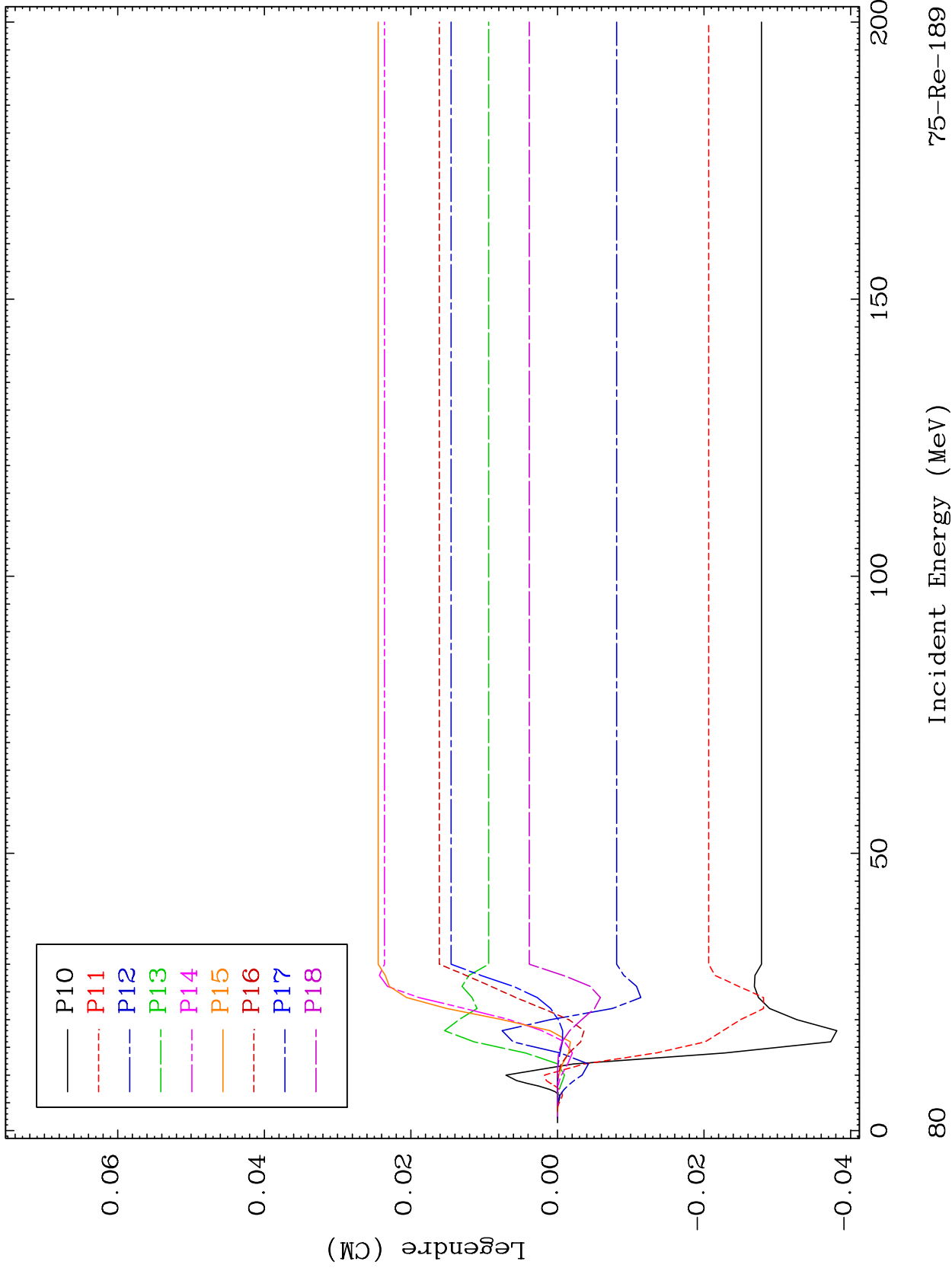
Incident Energy (MeV)

75-Re-189

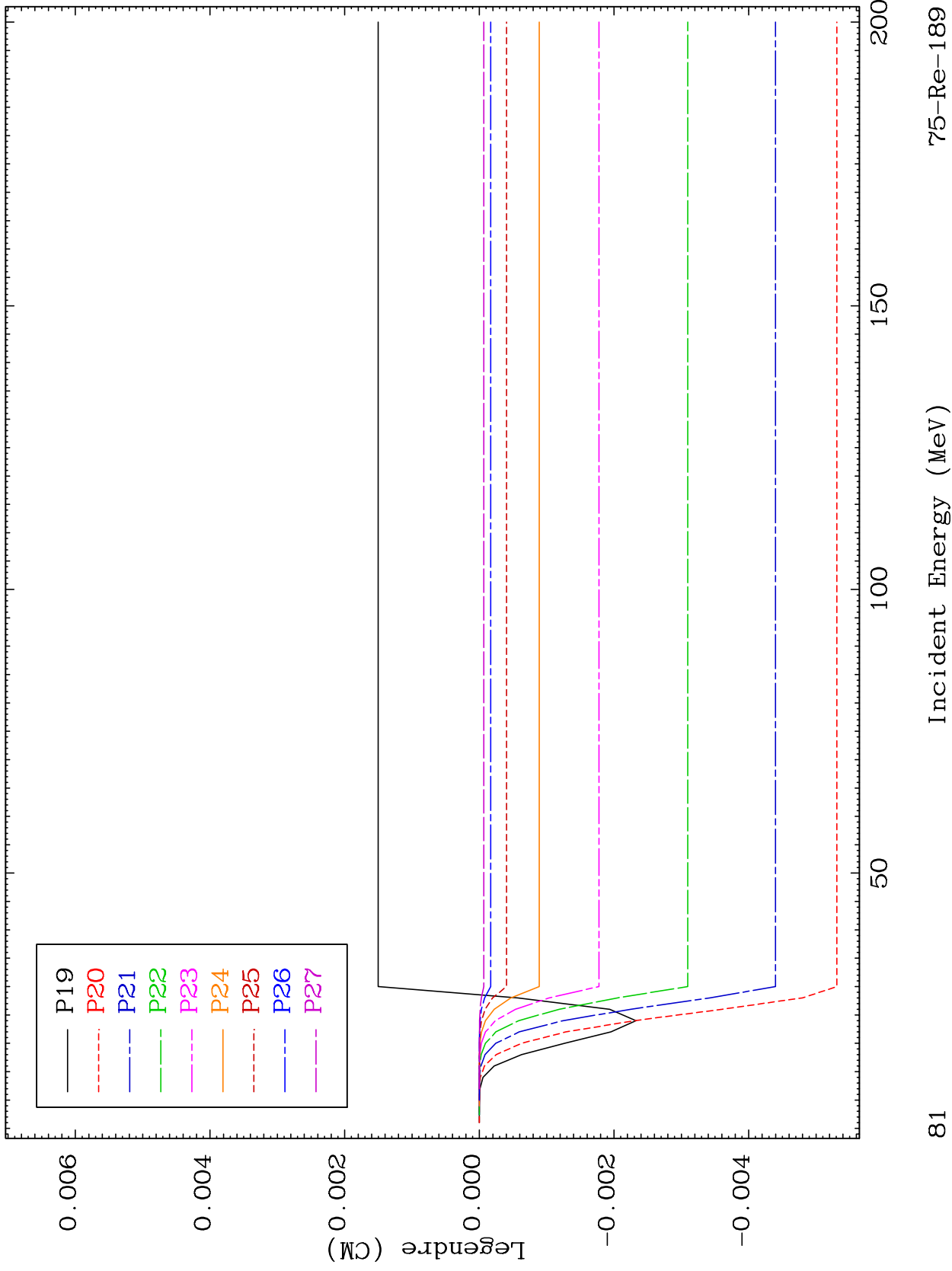
MAT 7537

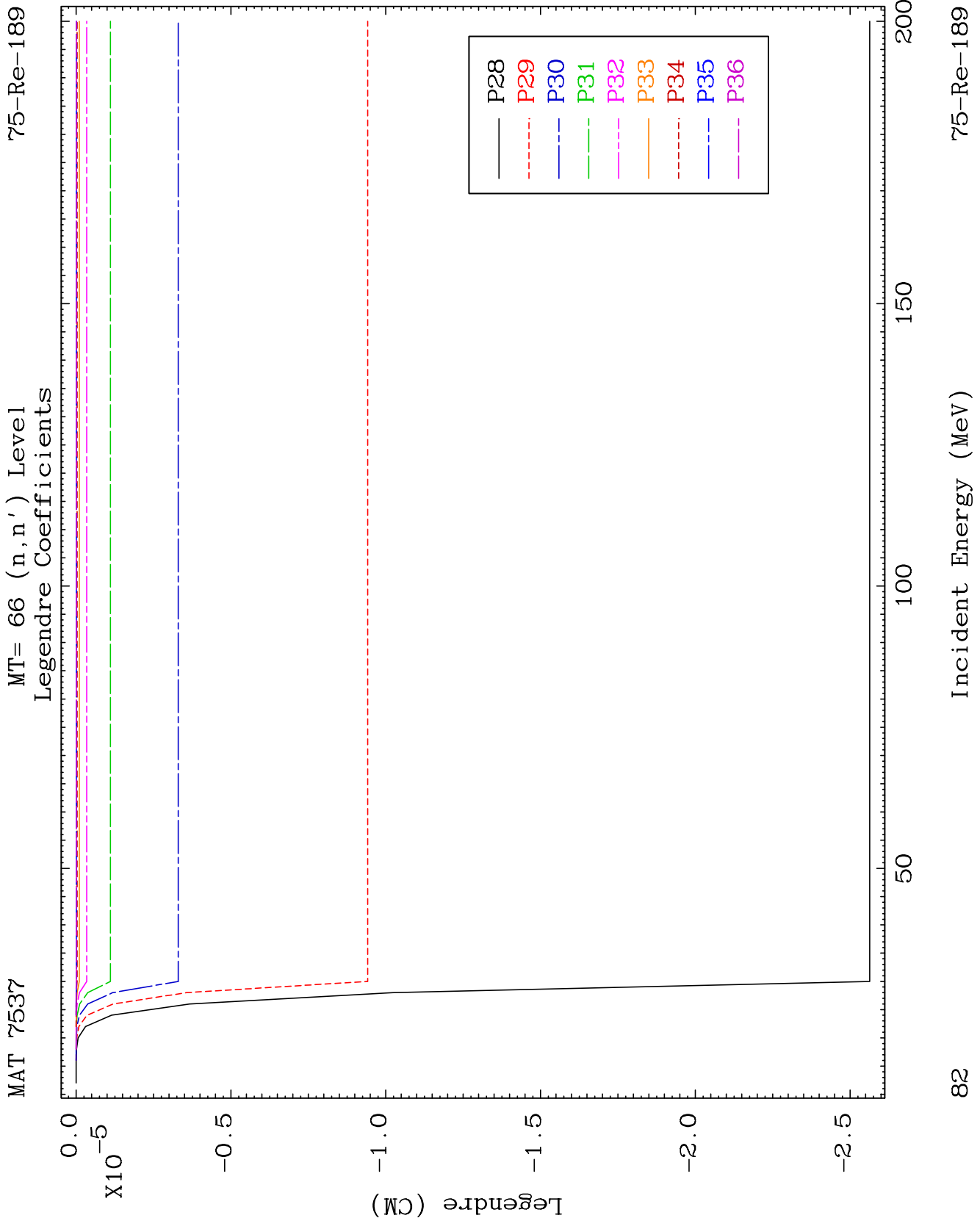
MT= 66 (n,n') Level
Legendre Coefficients

75-Re-189



75-Re-189

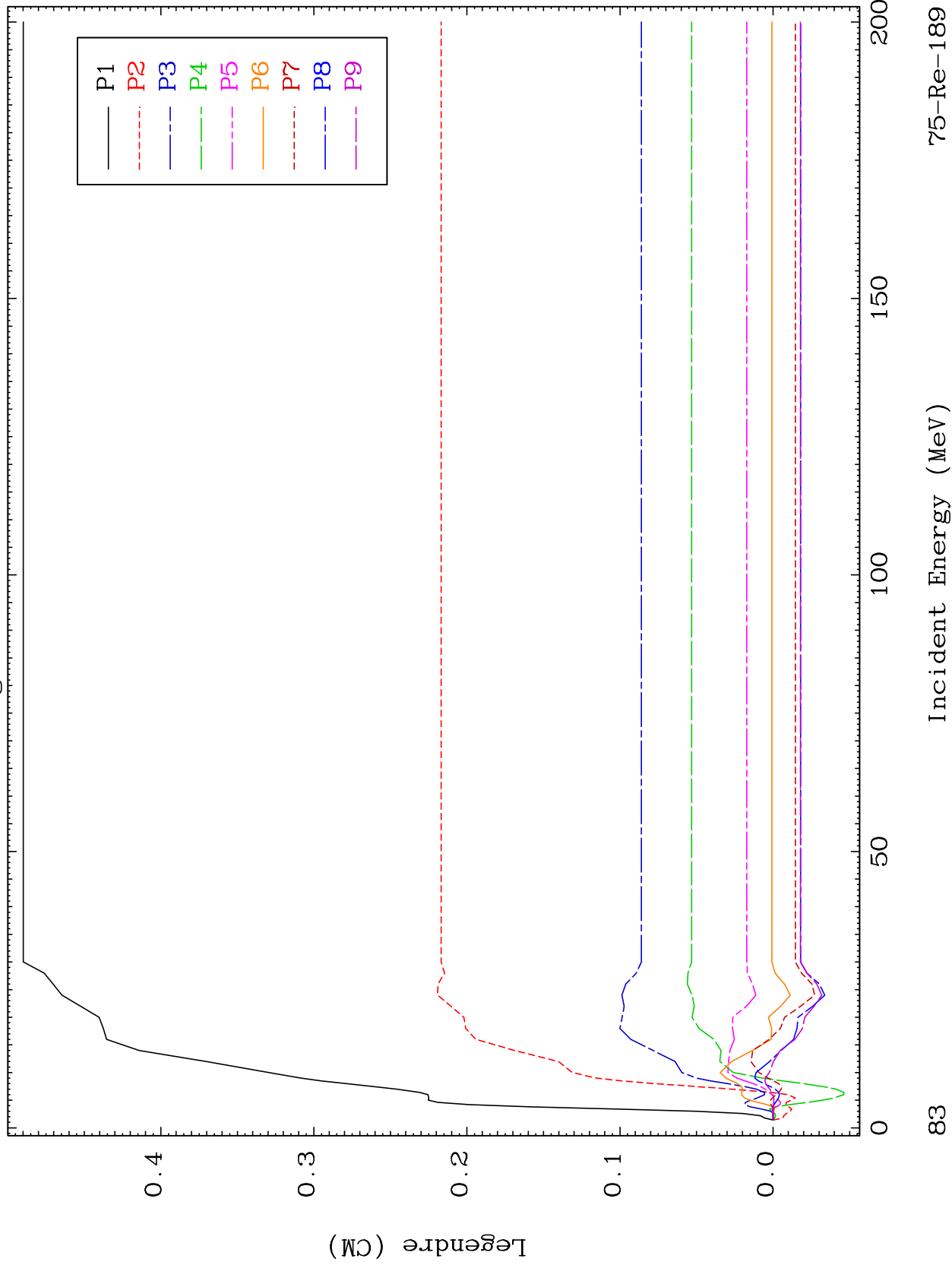




MAT 7537

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

75-Re-189



83

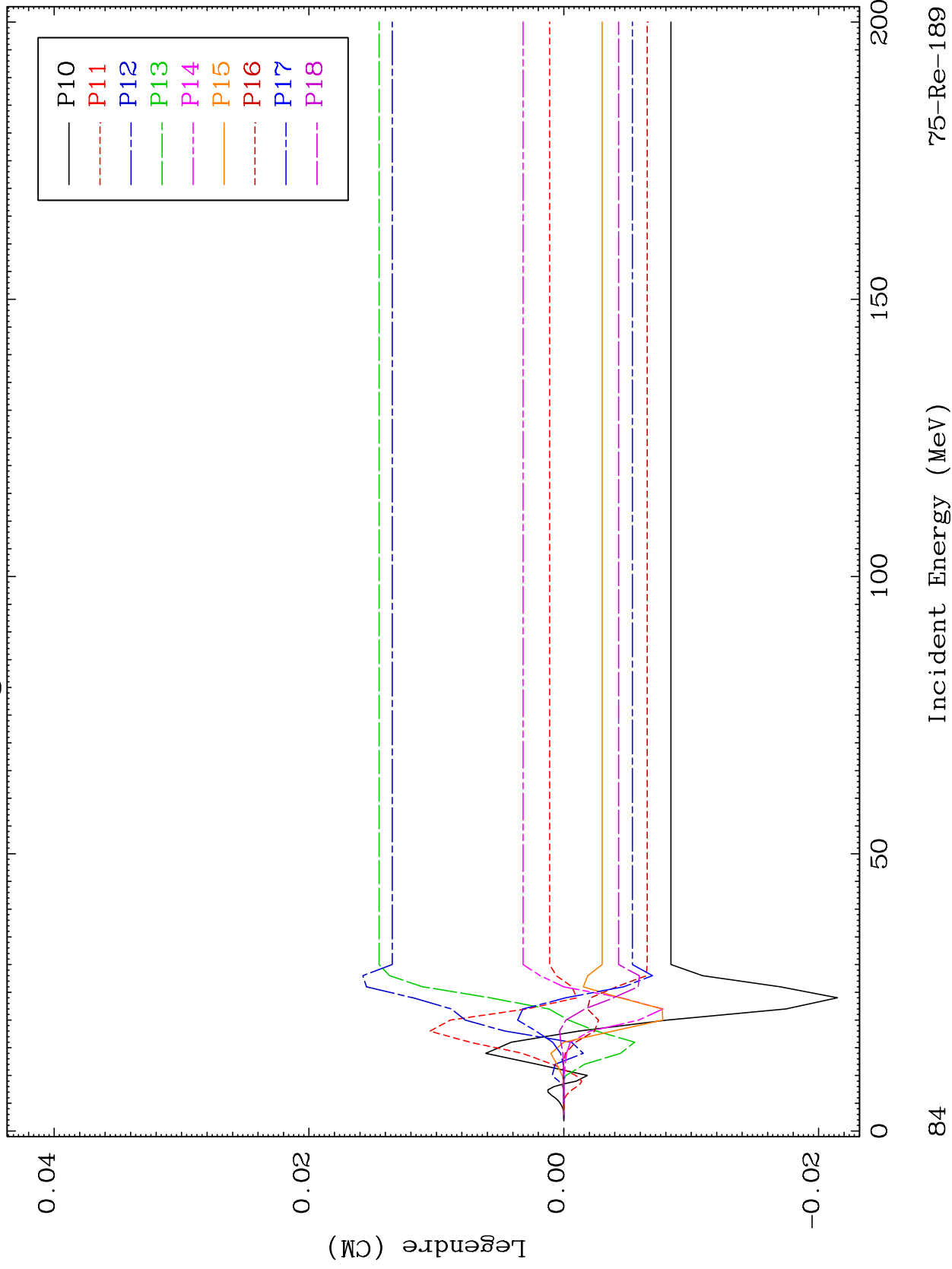
Incident Energy (MeV)

75-Re-189

MAT 7537

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

75-Re-189



84

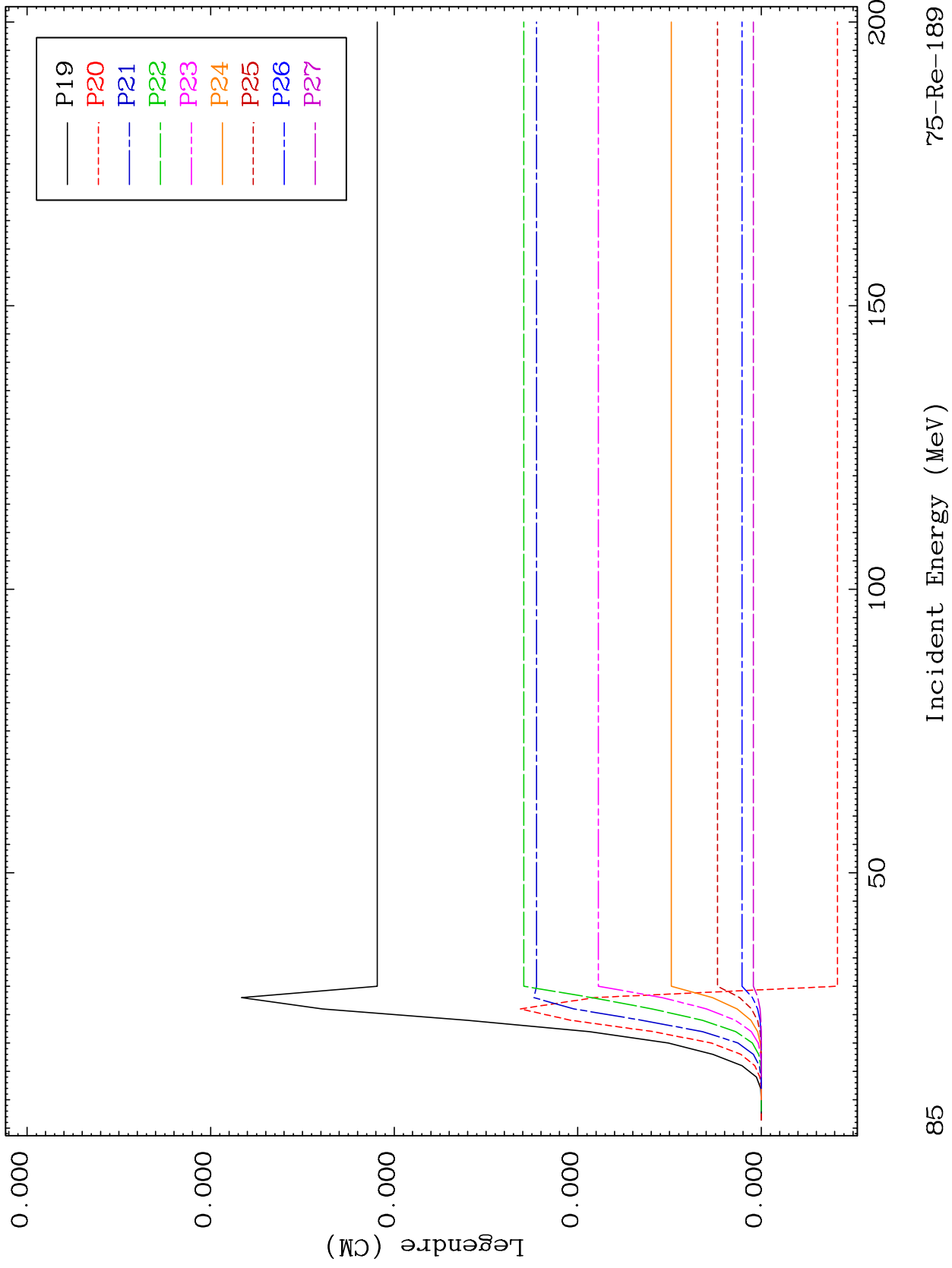
Incident Energy (MeV)

75-Re-189

MAT 7537

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

75-Re-189



85

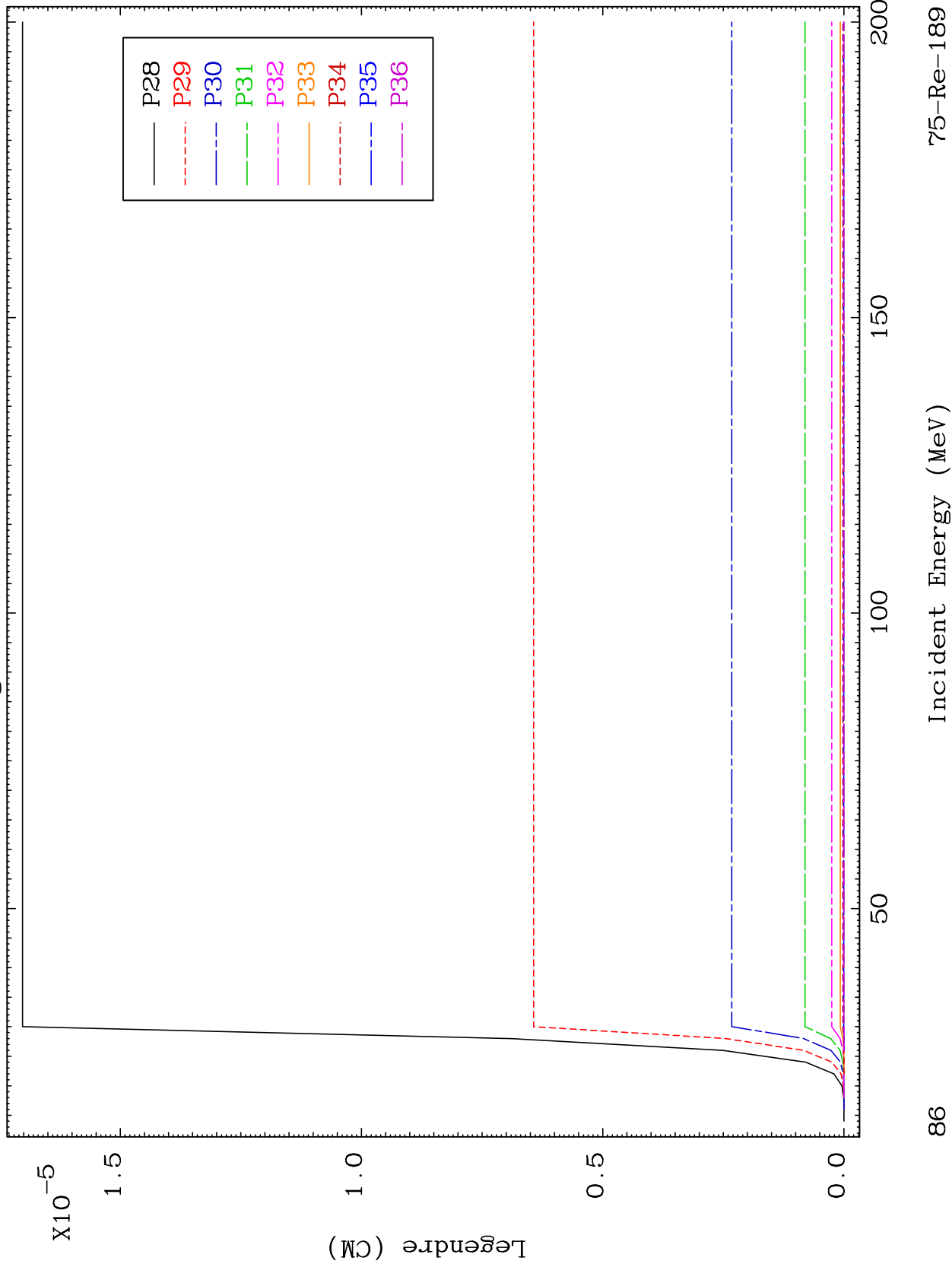
Incident Energy (MeV)

75-Re-189

MAT 7537

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

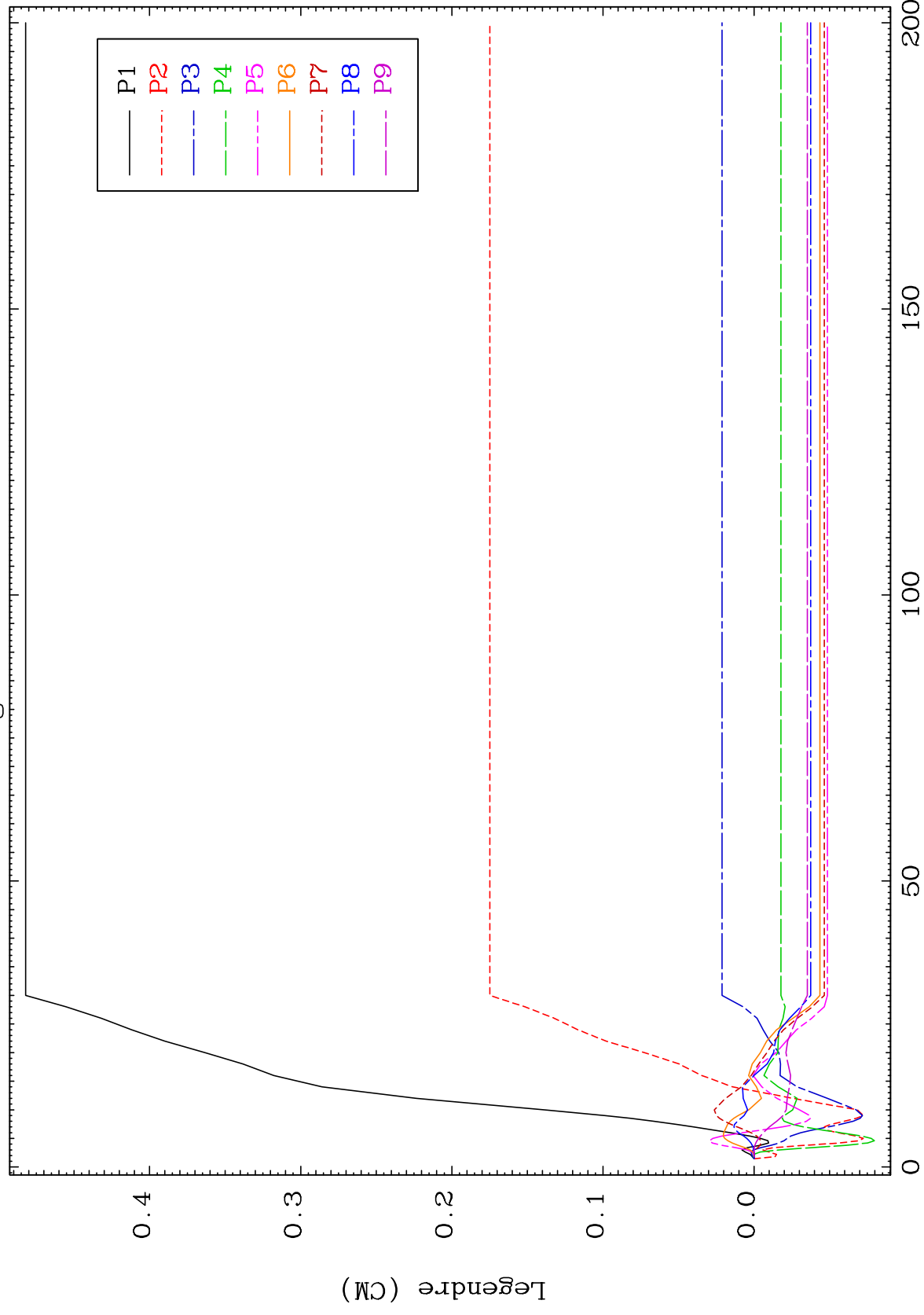
75-Re-189



MAT 7537

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

75-Re-189



87

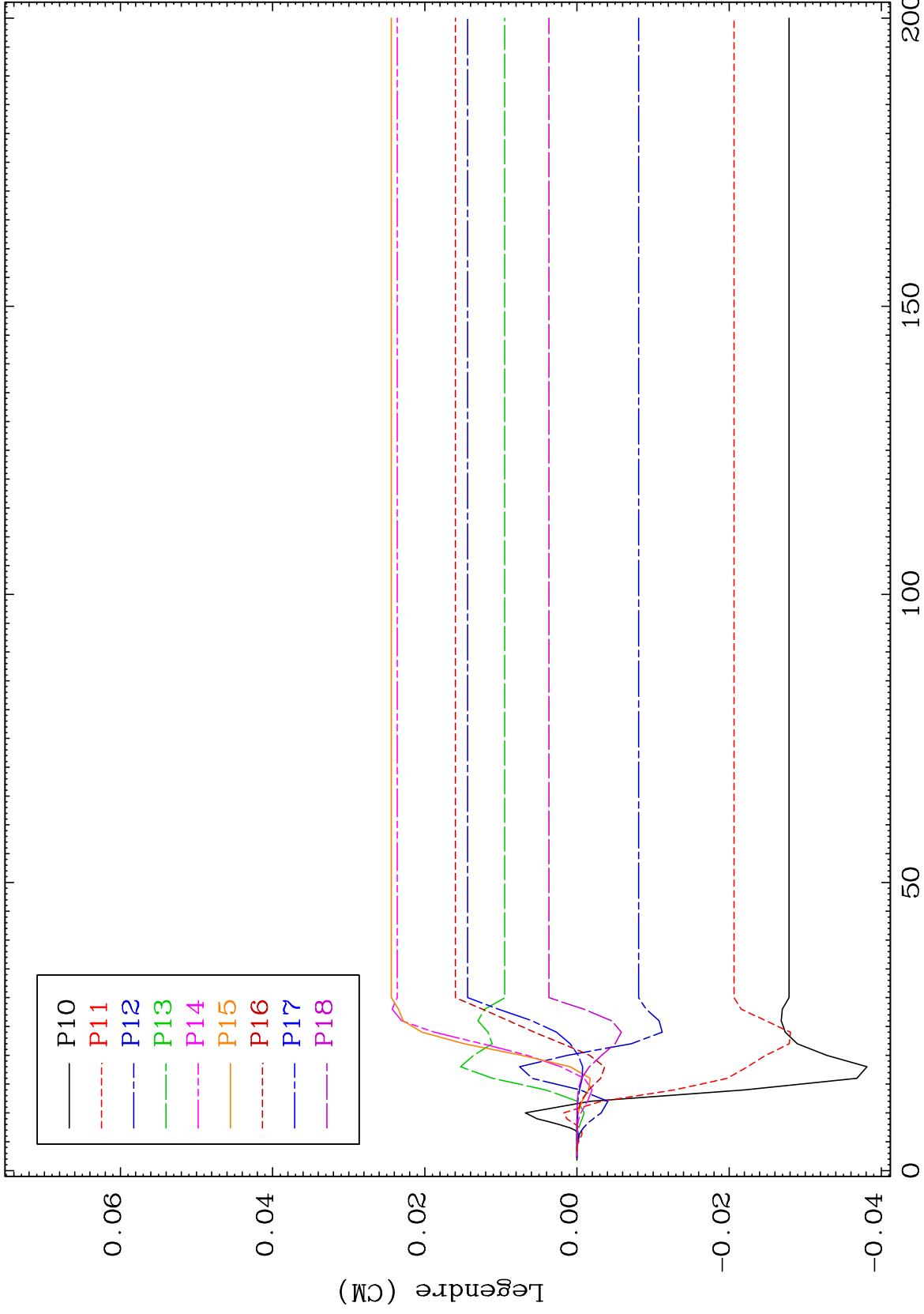
Incident Energy (MeV)

75-Re-189

MAT 7537

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

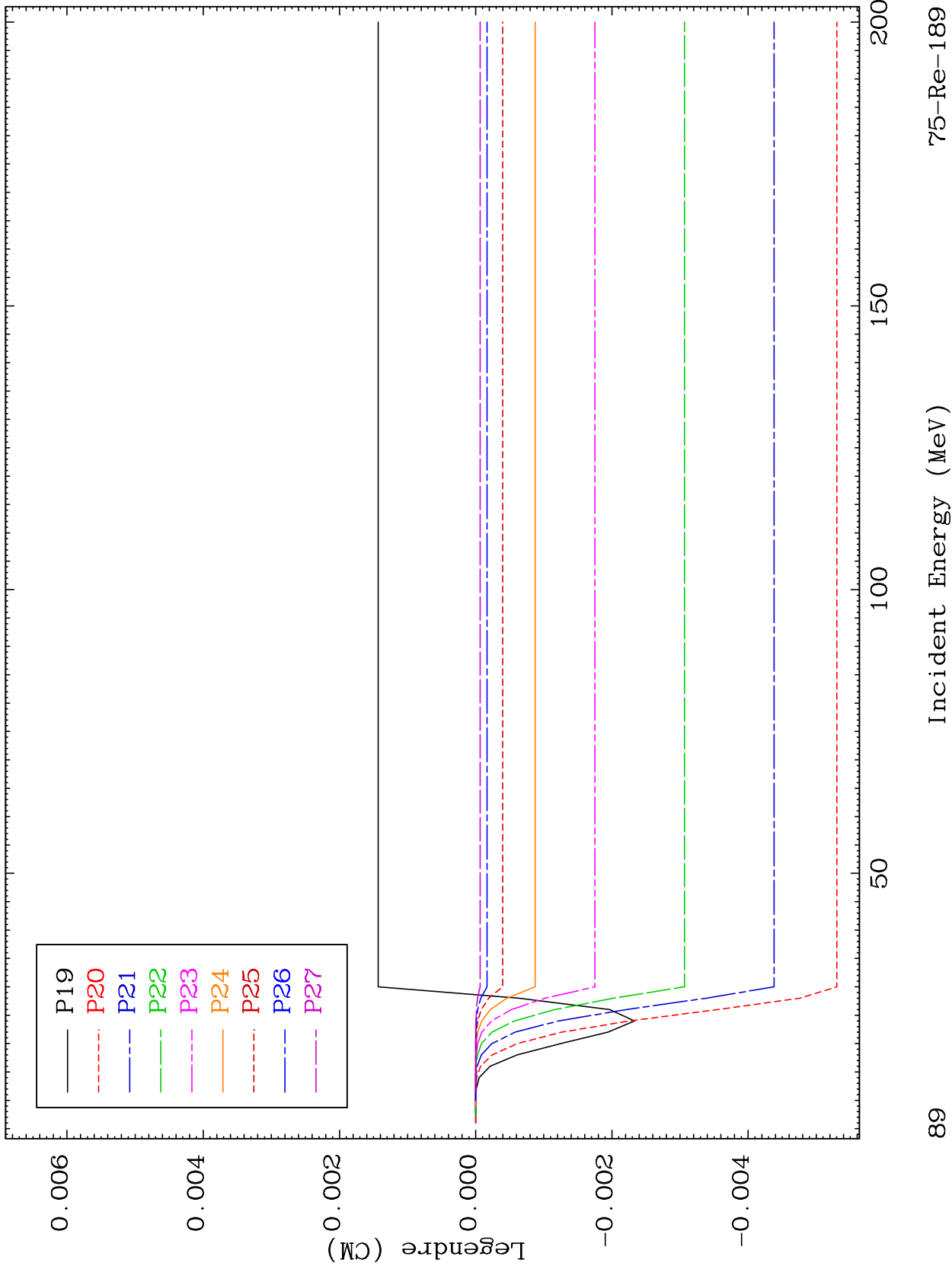
75-Re-189

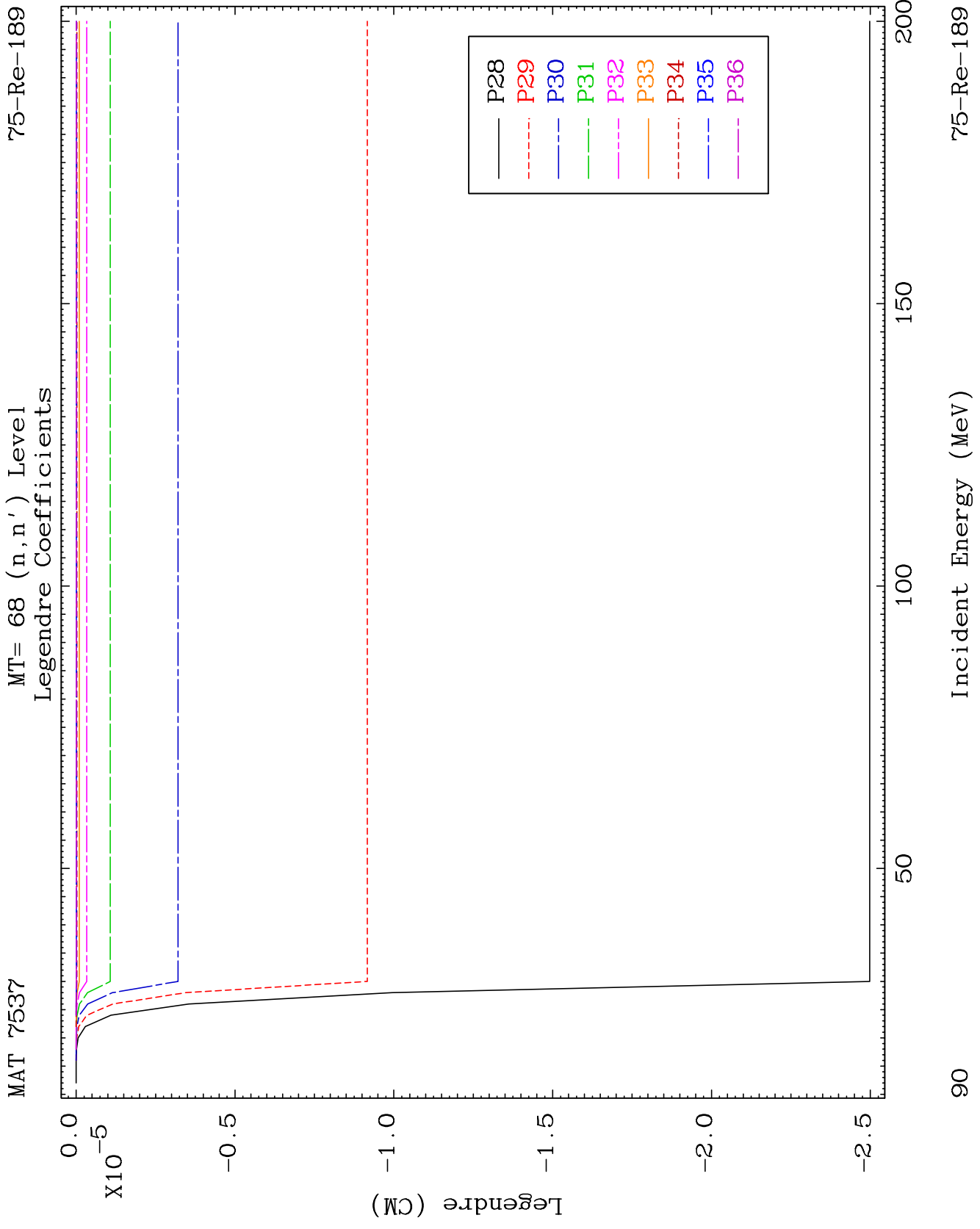


88

Incident Energy (MeV)

75-Re-189

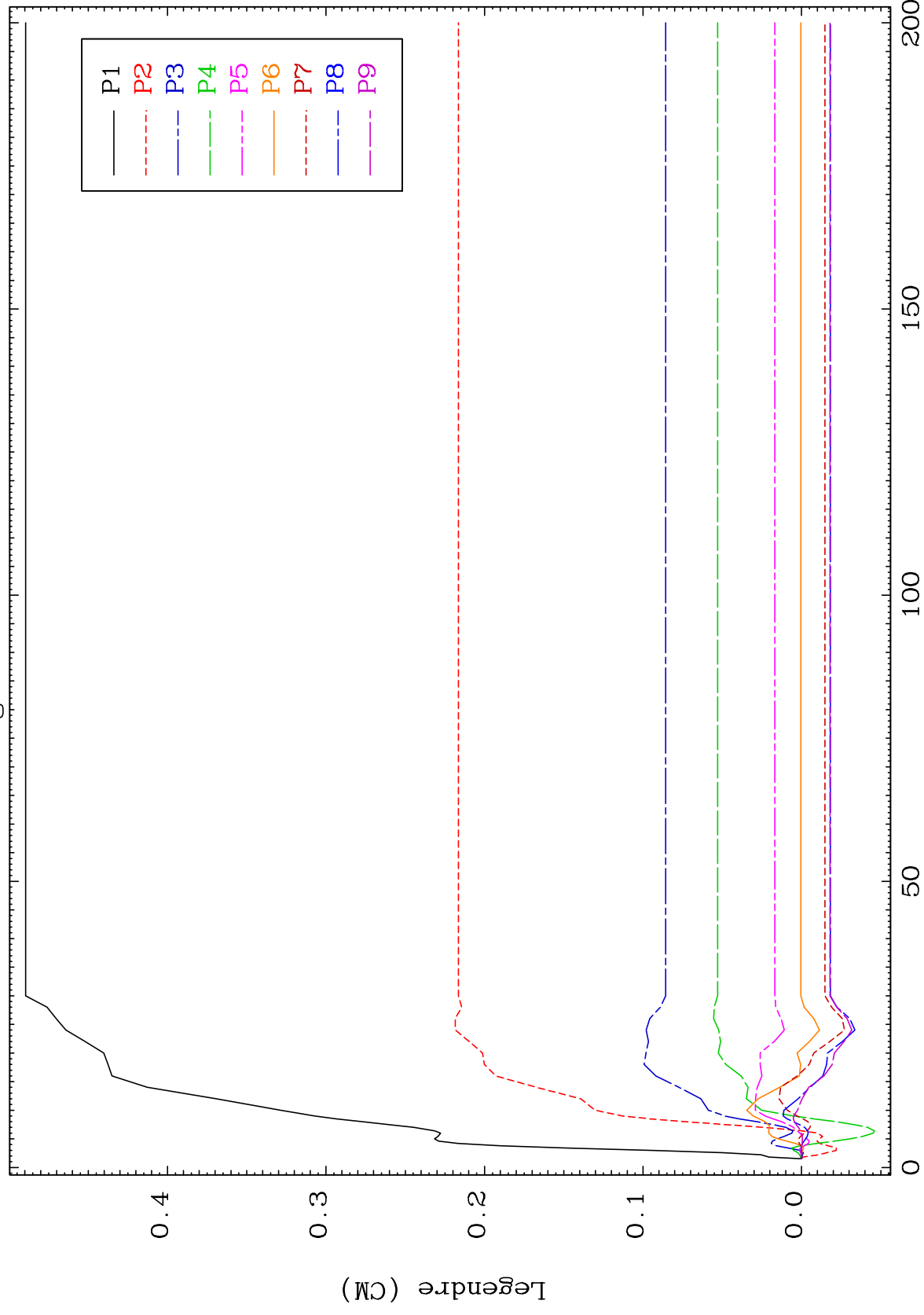




MAT 7537

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

75-Re-189



91

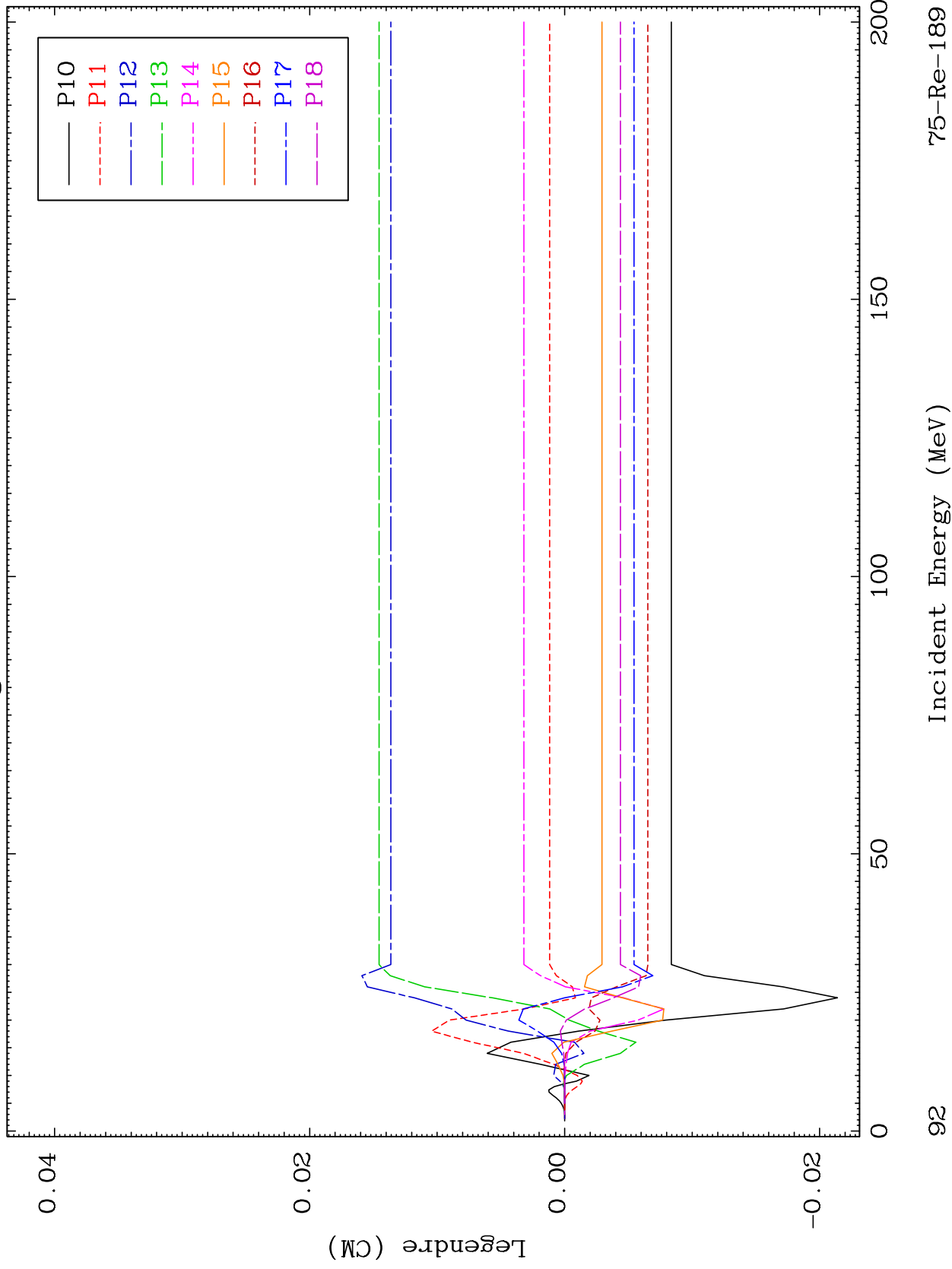
Incident Energy (MeV)

75-Re-189

MAT 7537

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

75-Re-189



75-Re-189

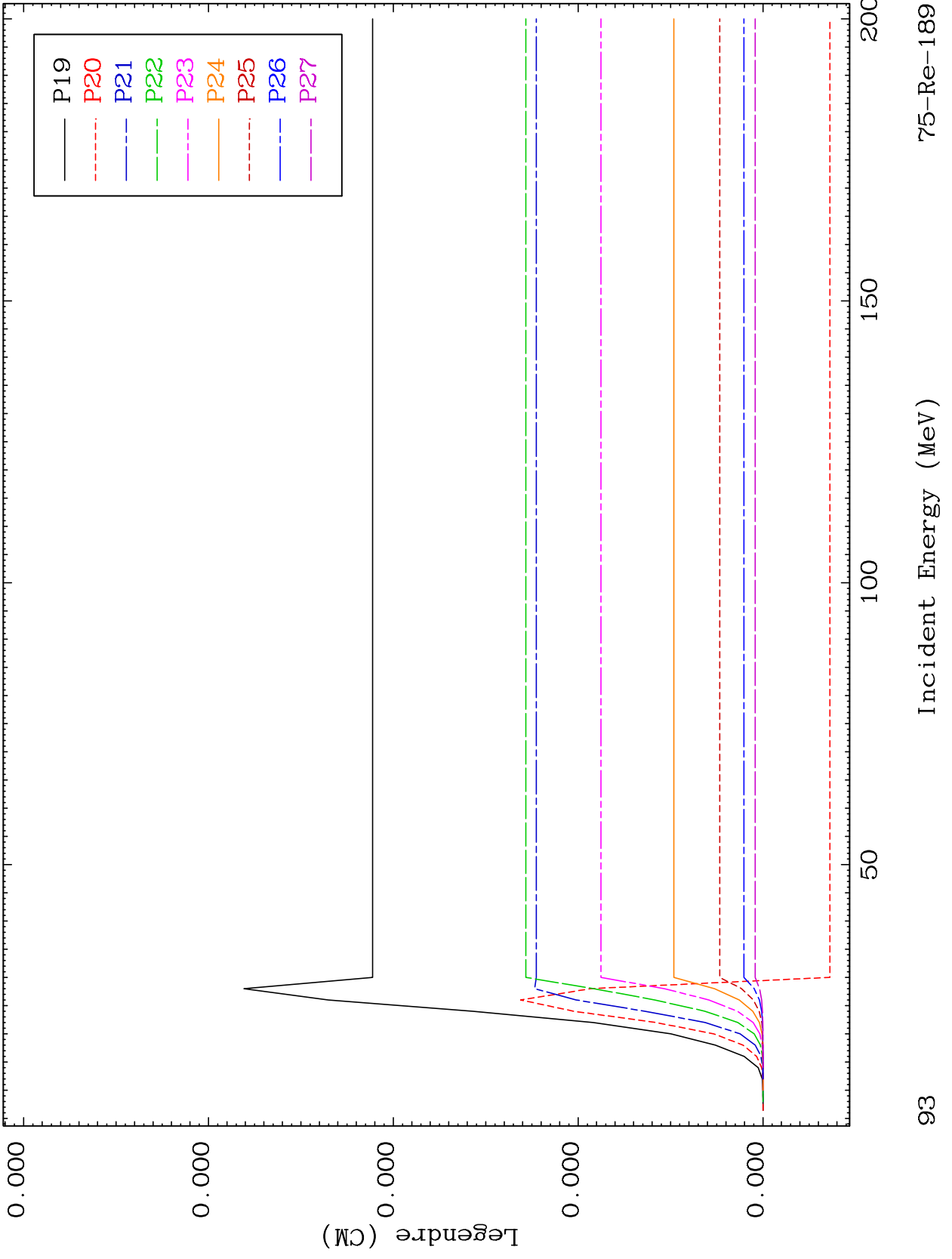
Incident Energy (MeV)

92

MAT 7537

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

75-Re-189



93

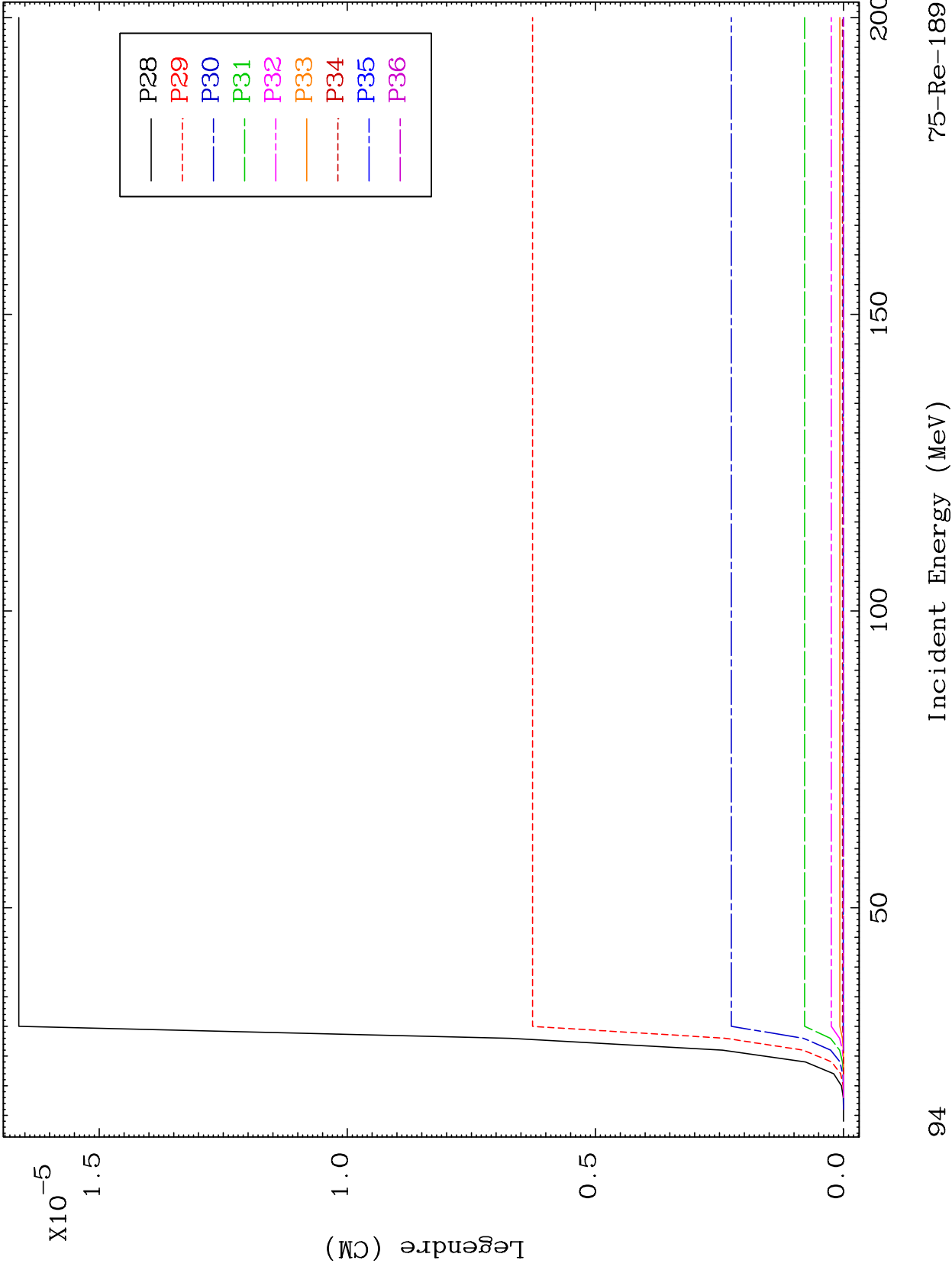
Incident Energy (MeV)

75-Re-189

MAT 7537

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

75-Re-189



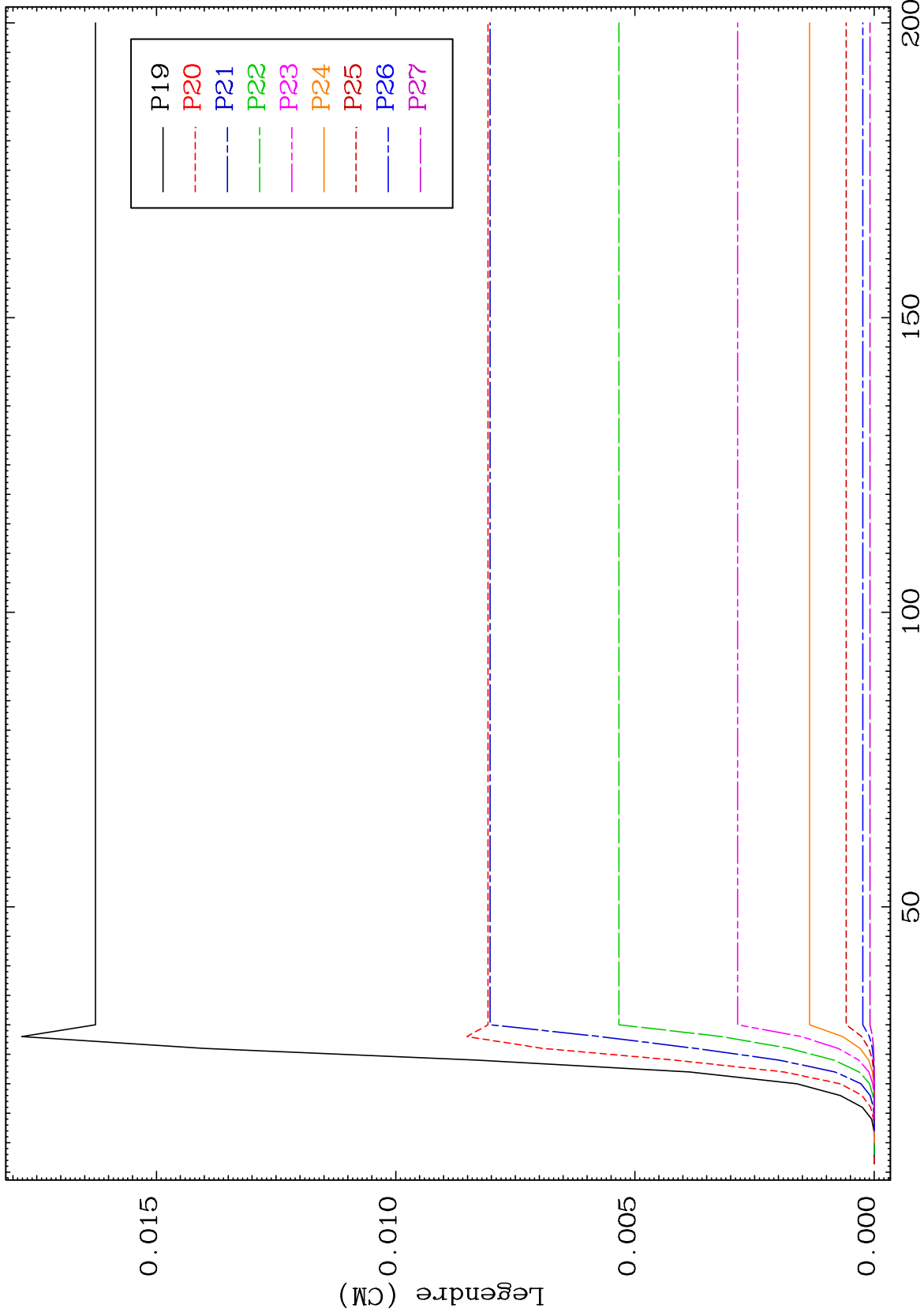
94

75-Re-189

MAT 7537

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

75-Re-189



97

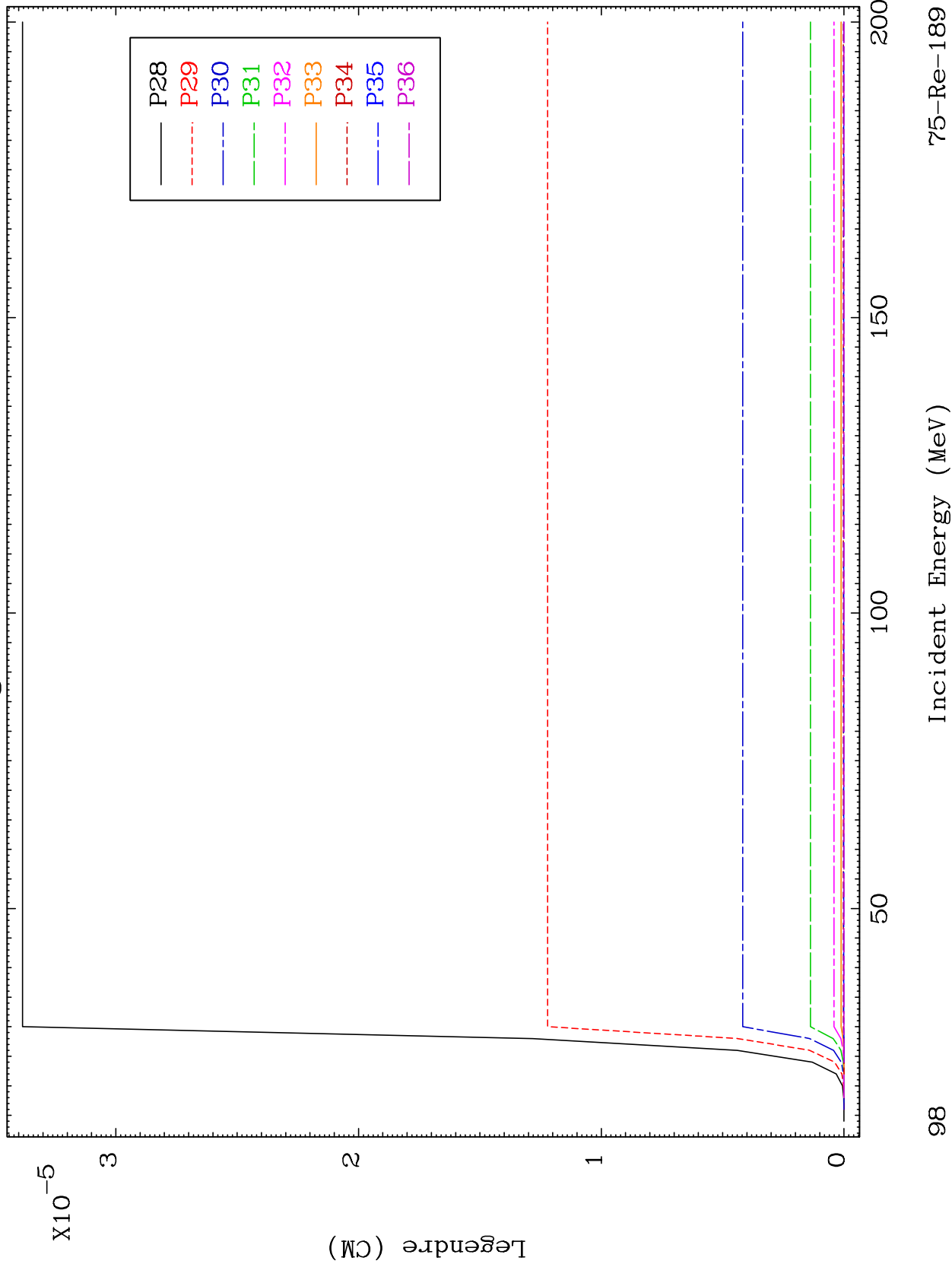
Incident Energy (MeV)

75-Re-189

MAT 7537

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

75-Re-189

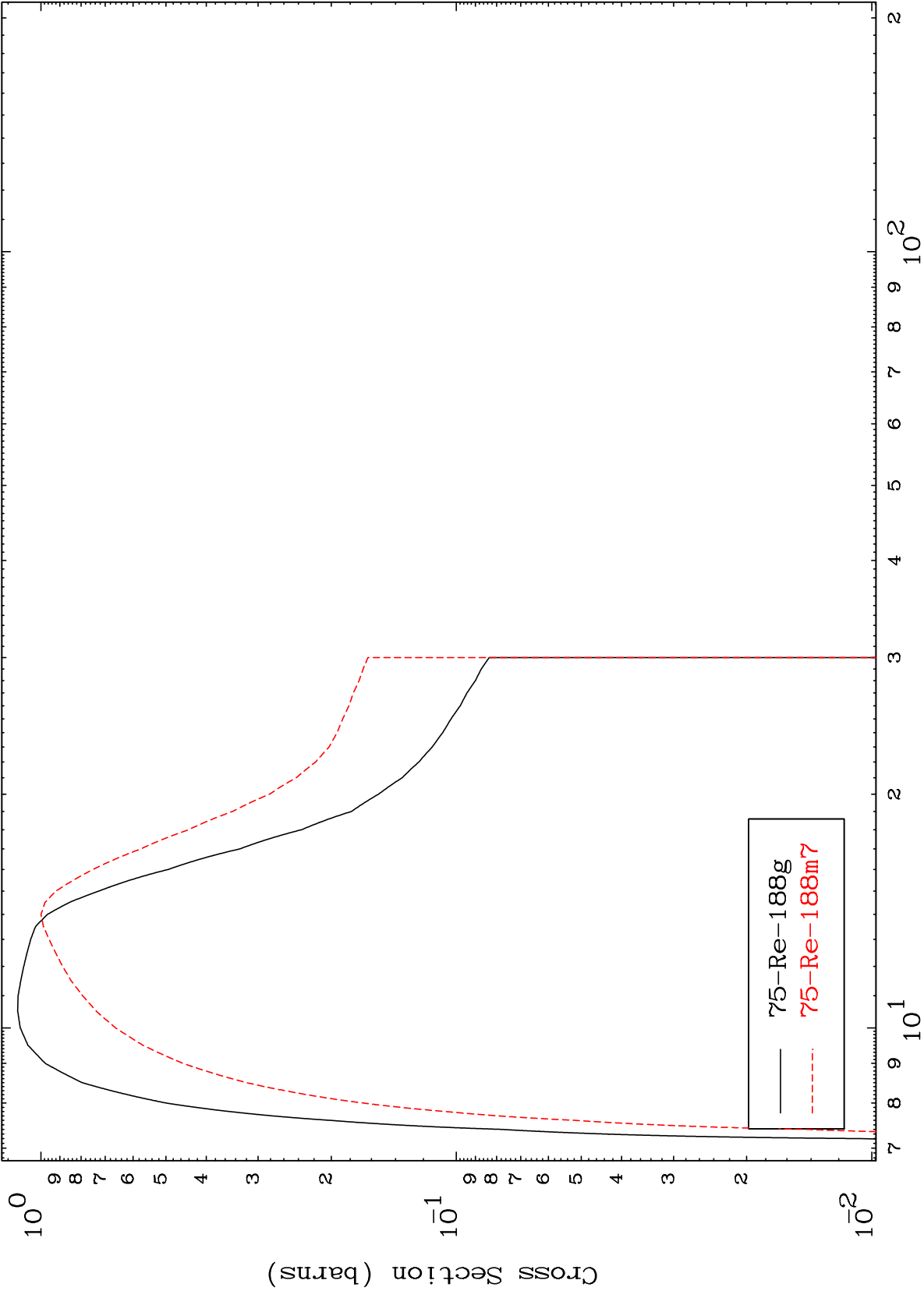


MAT 7537

(n,2n)

75-Re-189

Radionuclide Production Cross Section



99

Incident Energy (MeV)

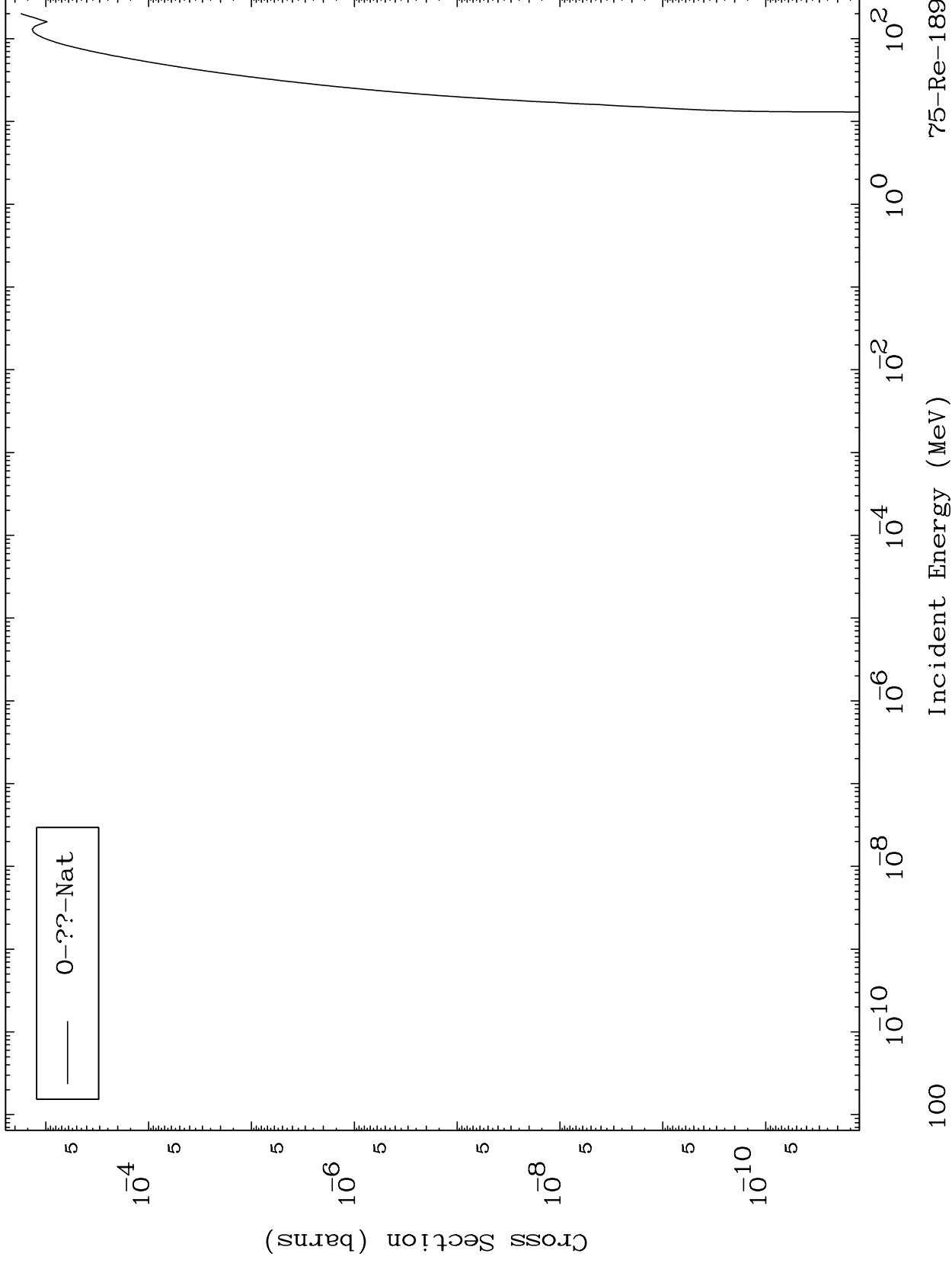
75-Re-189

MAT 7537

Fission

75-Re-189

Radionuclide Production Cross Section



100

Incident Energy (MeV)

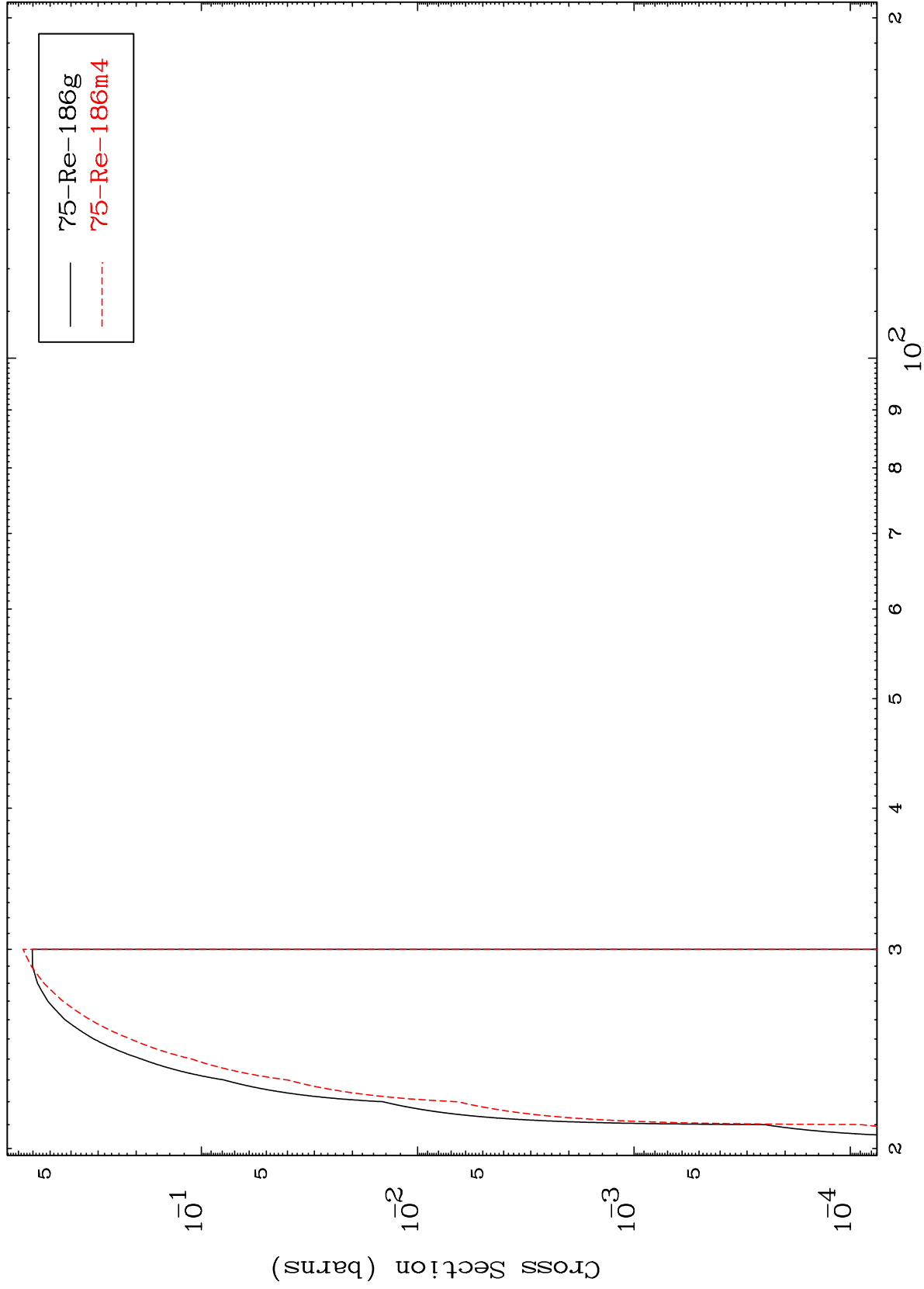
75-Re-189

MAT 7537

(n,4n)

75-Re-189

Radionuclide Production Cross Section



101

Incident Energy (MeV)

75-Re-189

MAT 7537

⁷⁵Re-189

