

Program EVALPLOT
(Version 2018-1)

by

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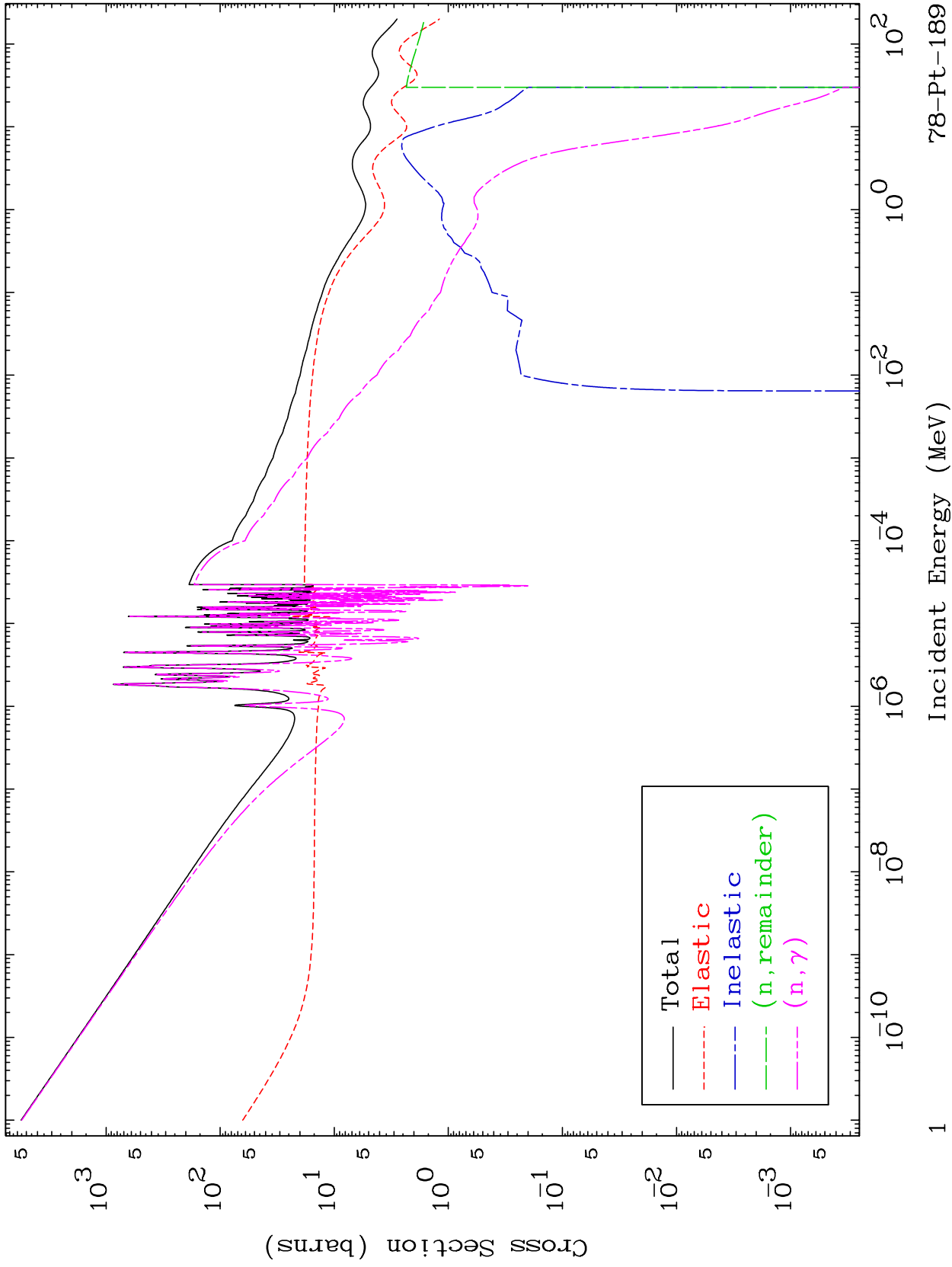
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7822

Major
293 Kelvin Cross Sections

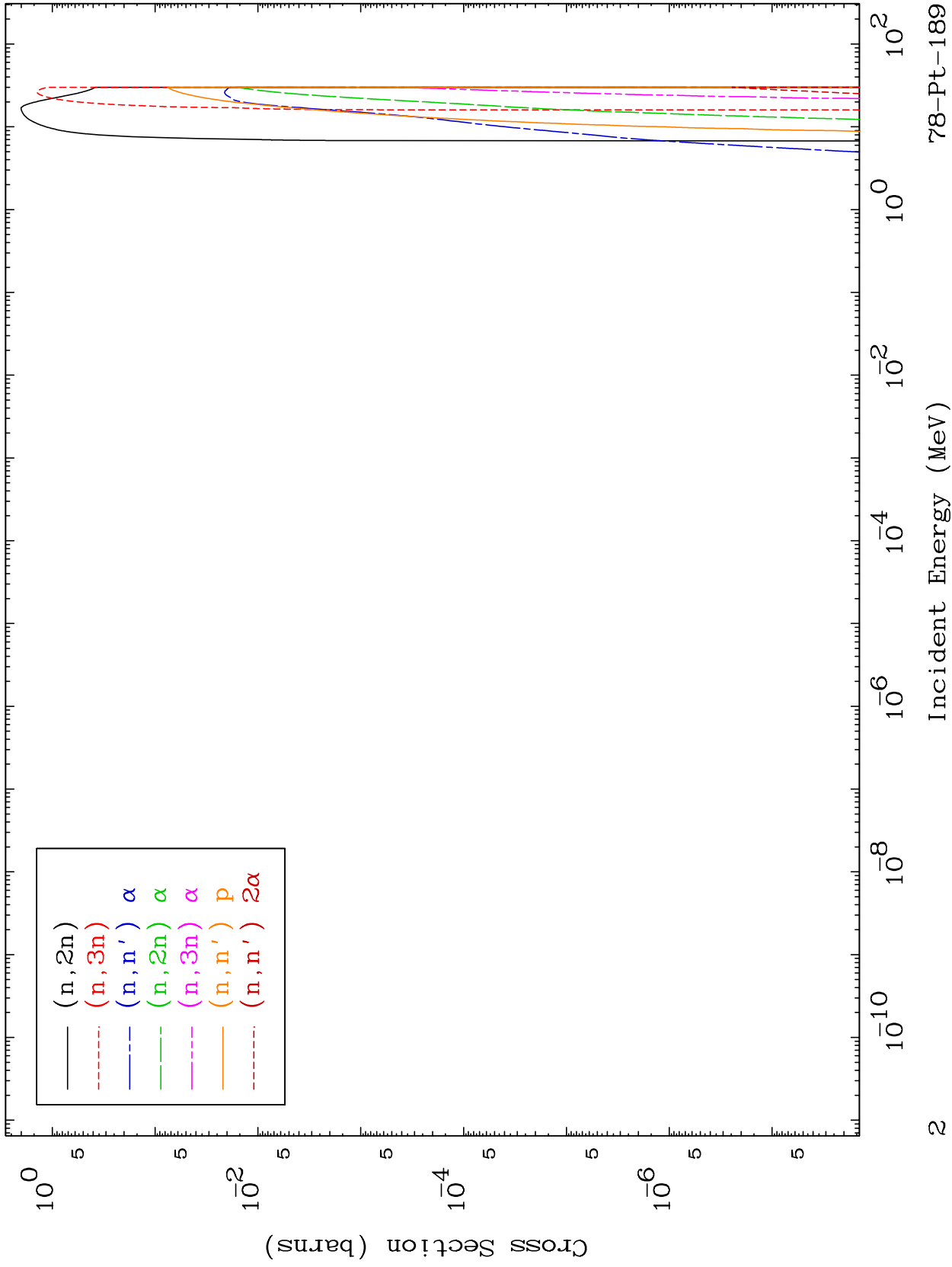
78-Pt-189



MAT 7822

Neutron Production
293 Kelvin Cross Sections

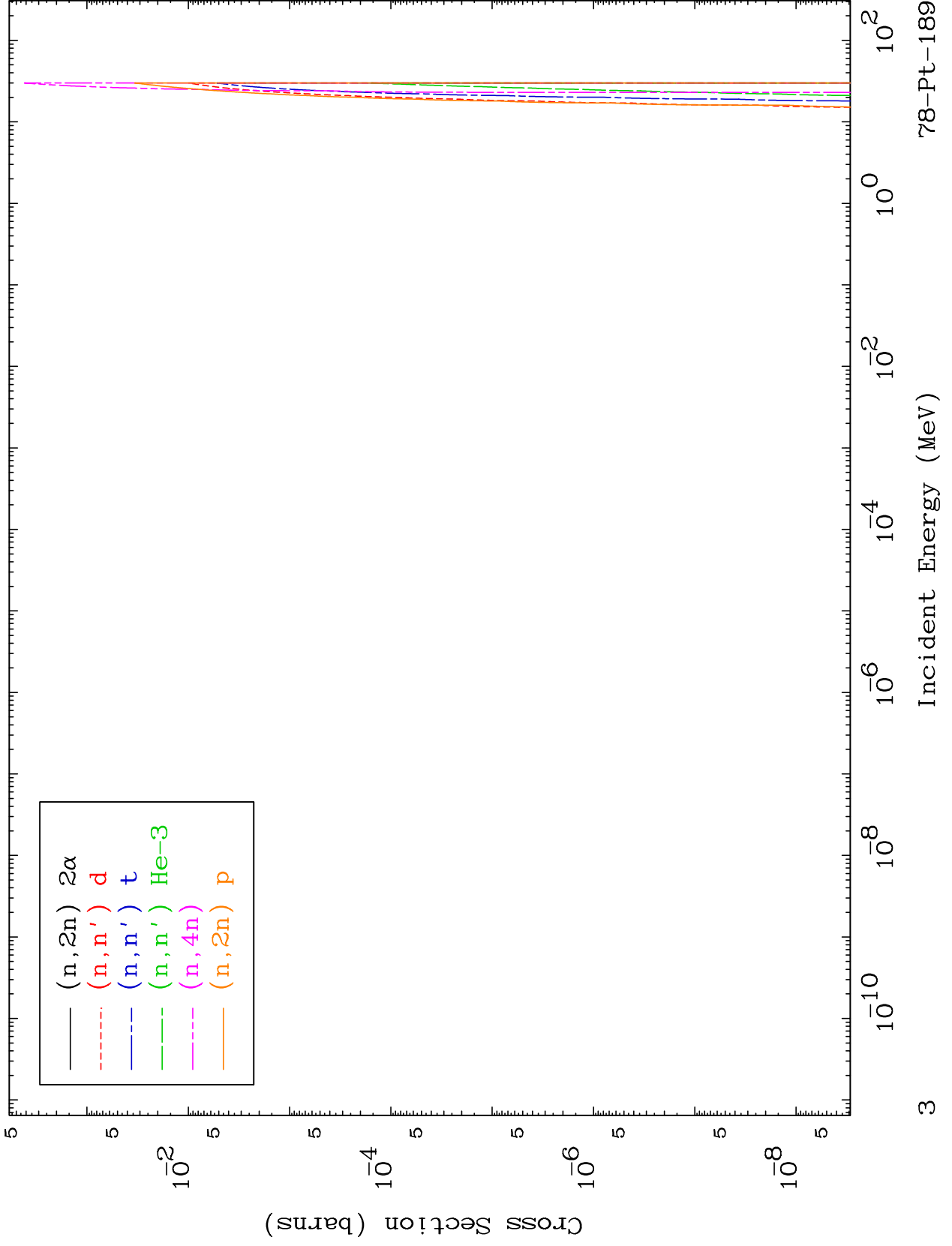
78-Pt-189



MAT 7822

Neutron Production
293 Kelvin Cross Sections

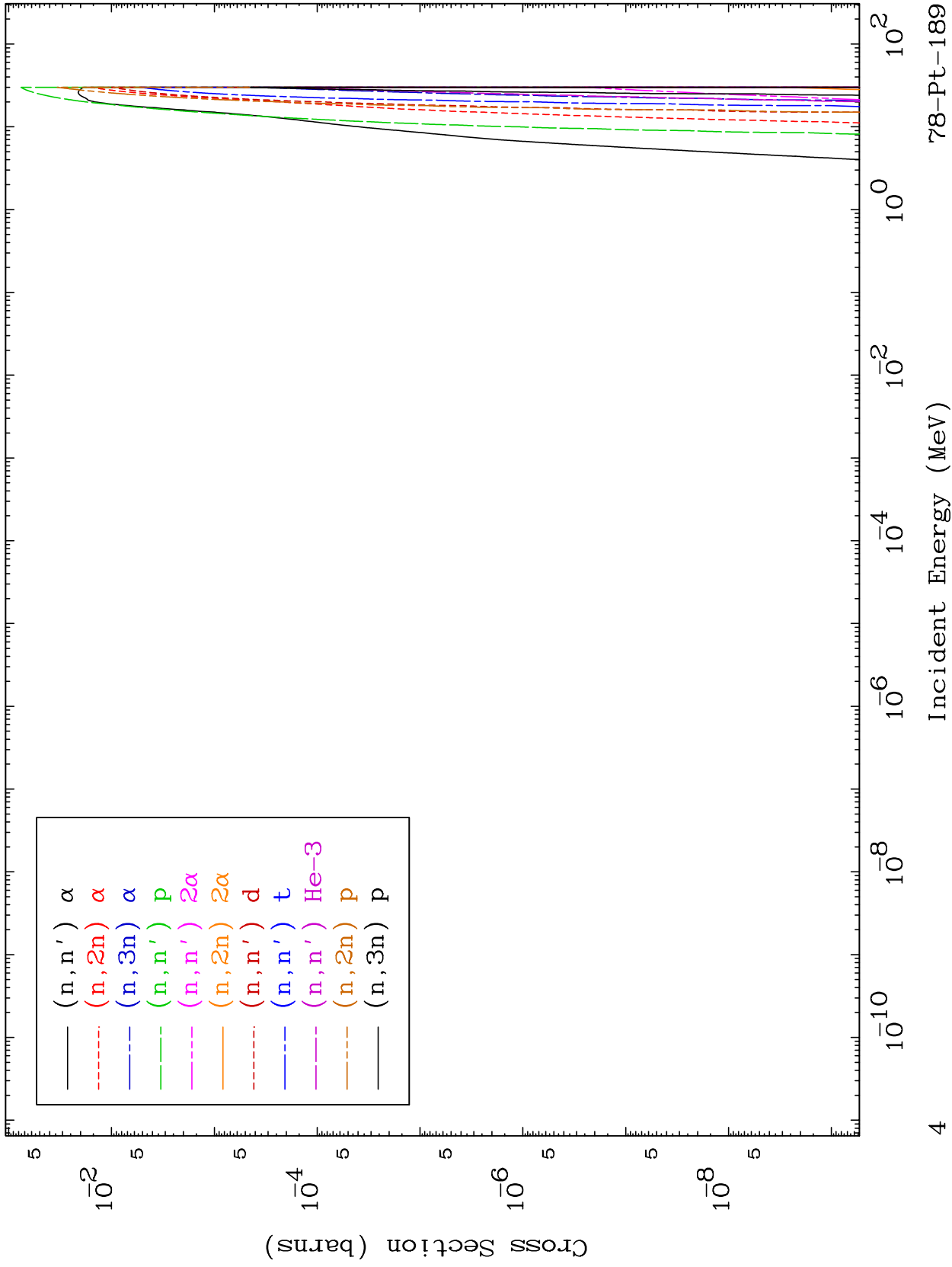
78-Pt-189



MAT 7822

Charged Particle
293 Kelvin Cross Sections

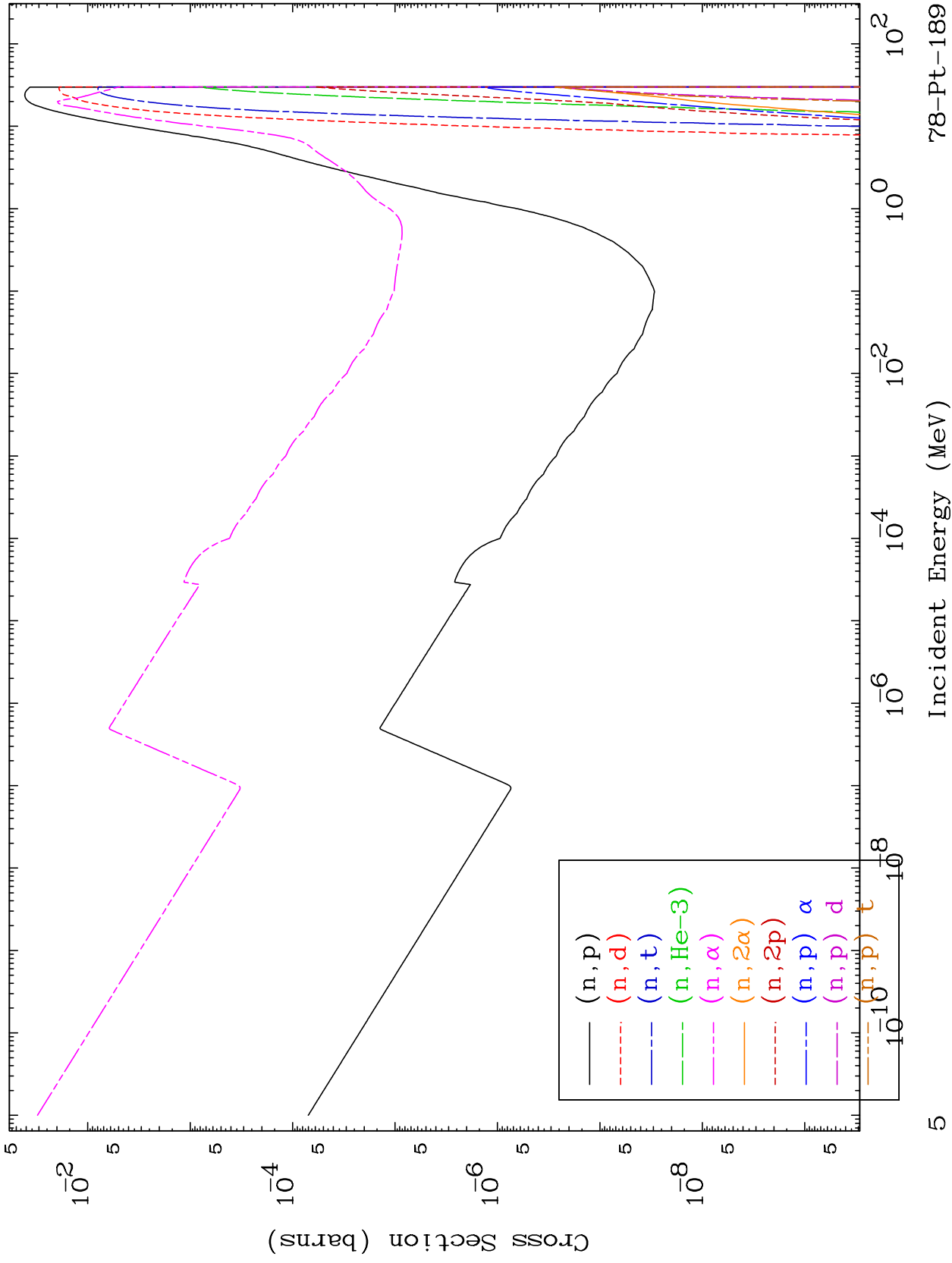
78-Pt-189

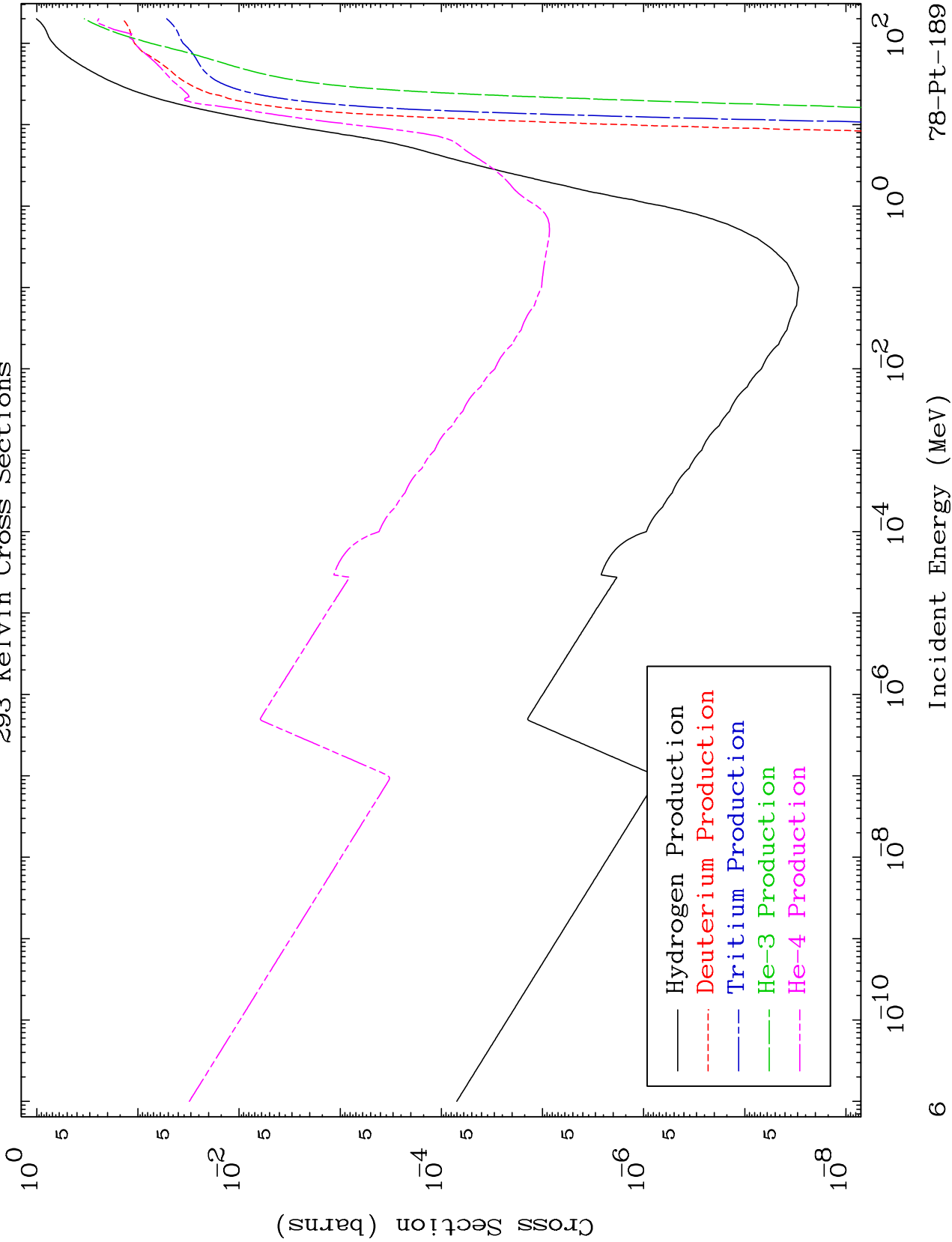


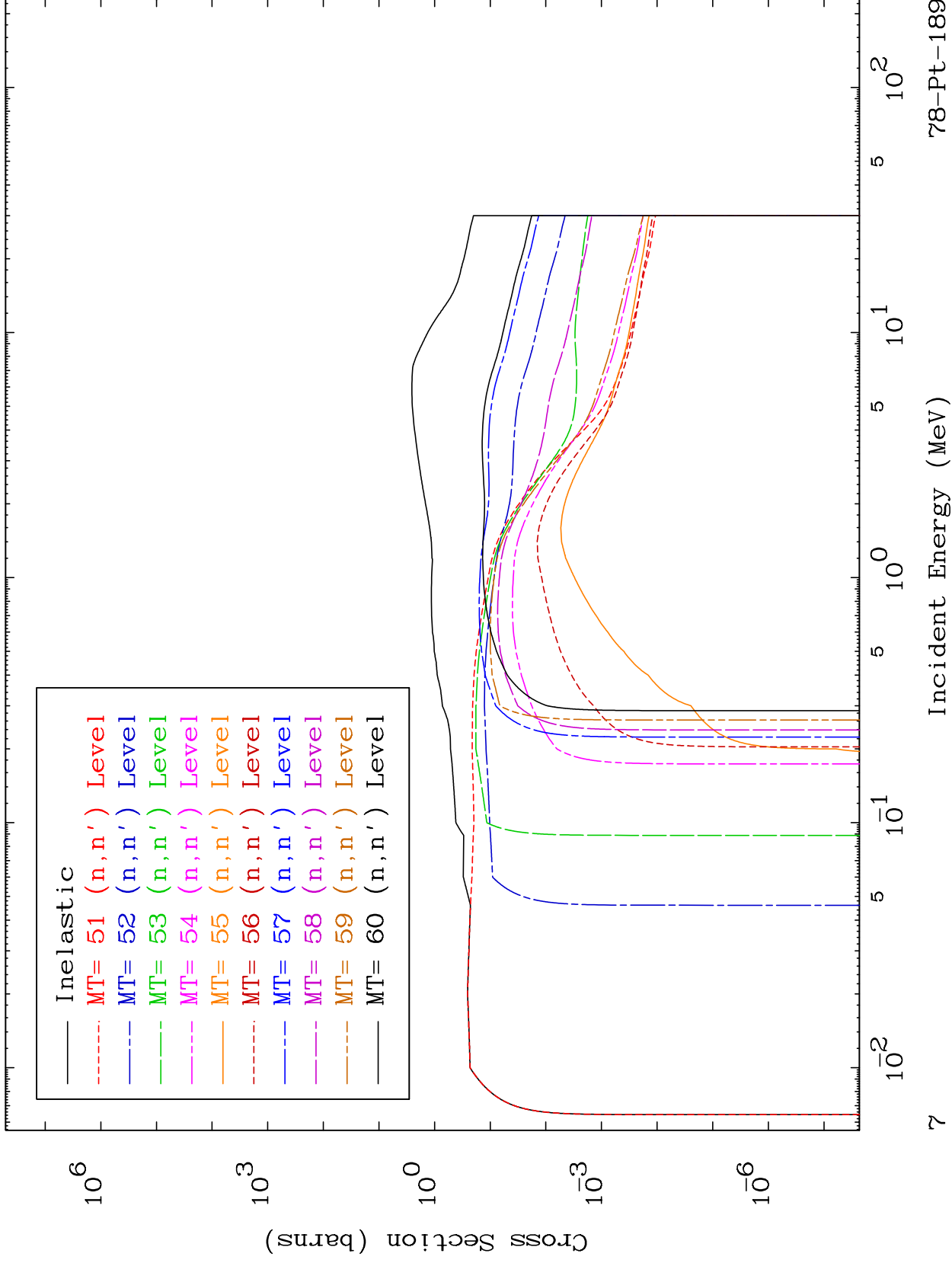
MAT 7822

Charged Particle
293 Kelvin Cross Sections

78-Pt-189





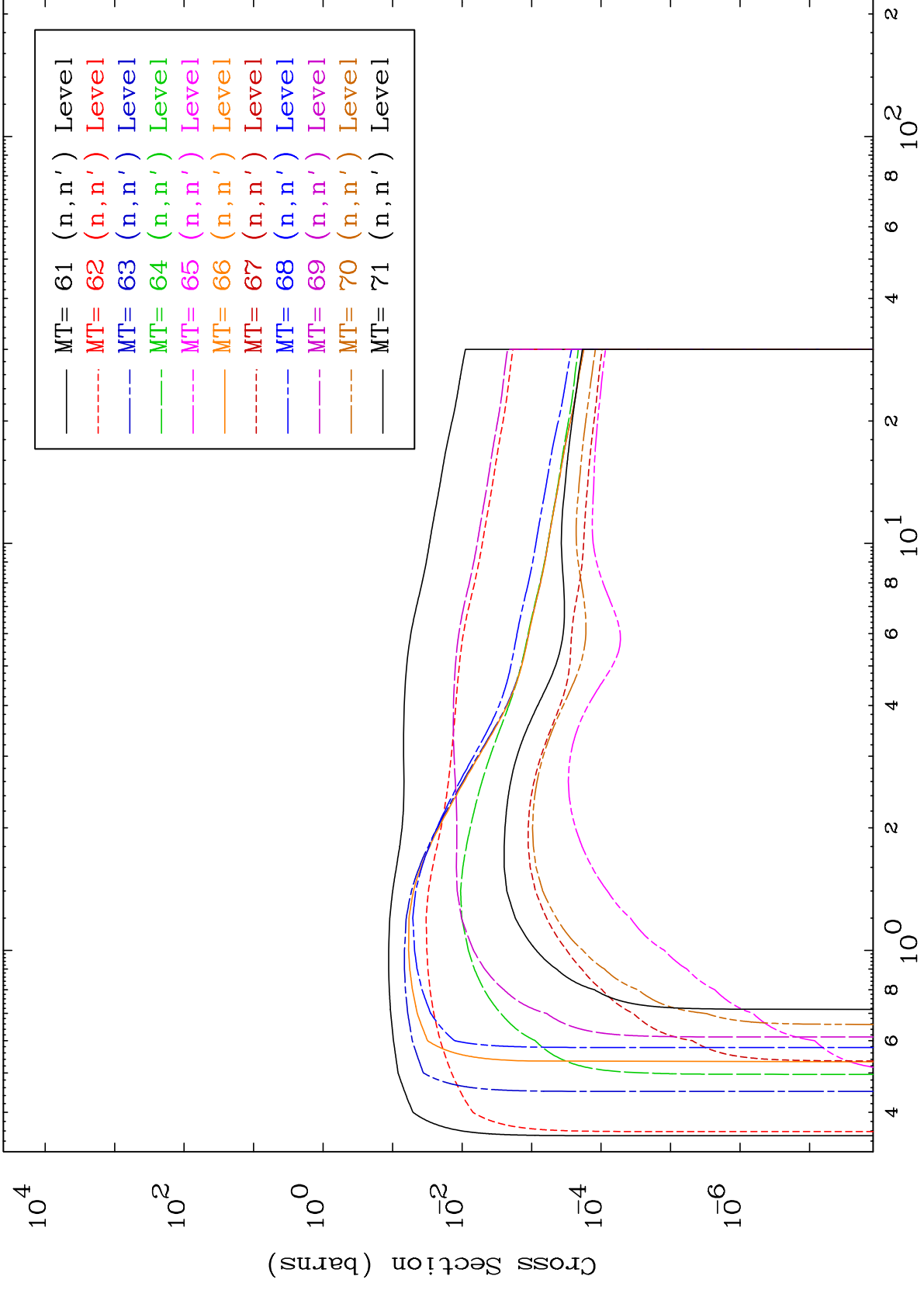


MAT 7822

(n,n') Level

78-Pt-189

293 Kelvin Cross Sections



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Incident Energy (MeV)

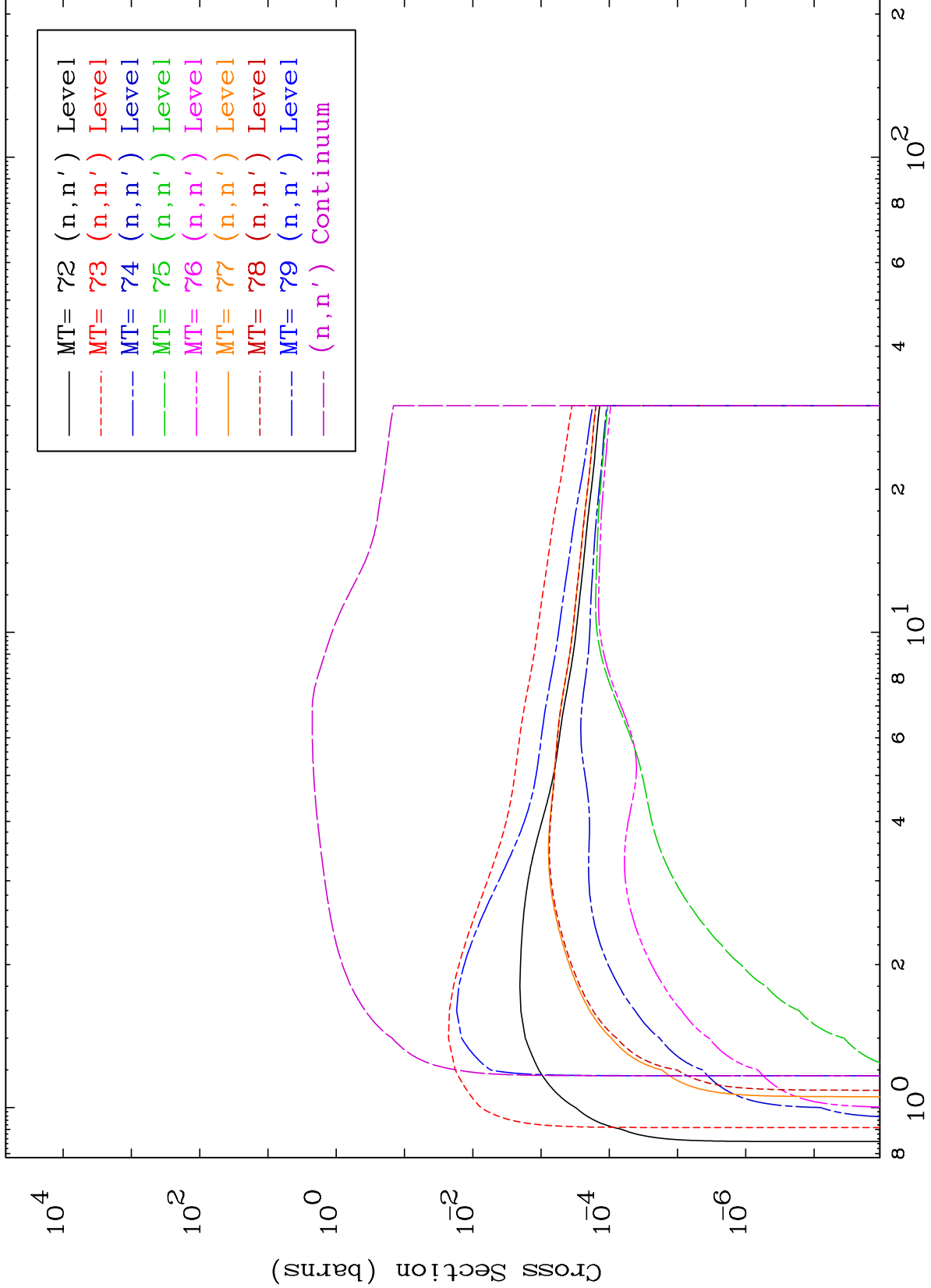
78-Pt-189

MAT 7822

(n,n') Level

78-Pt-189

293 Kelvin Cross Sections



9

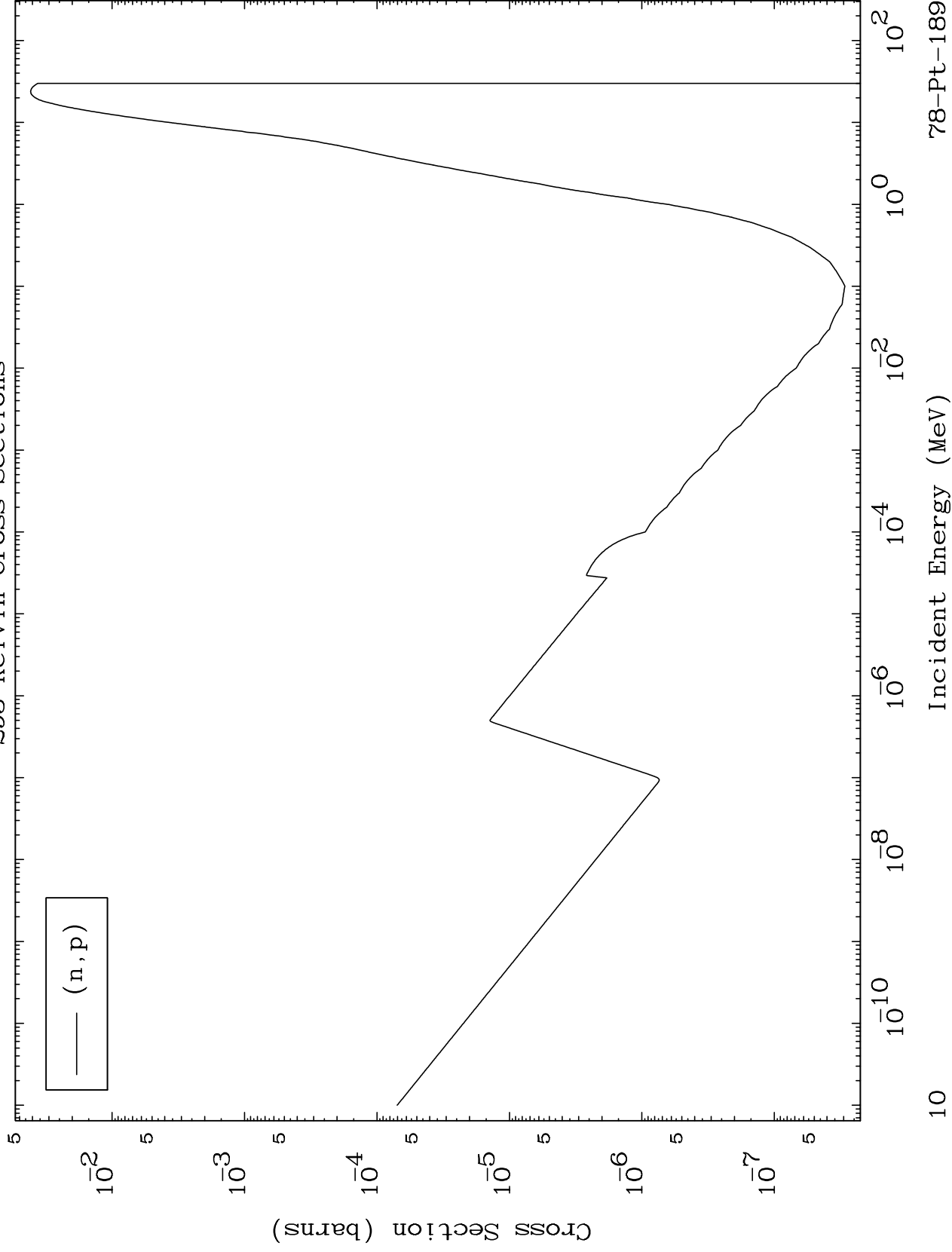
Incident Energy (MeV)

78-Pt-189

MAT 7822

(n,p) Levels
293 Kelvin Cross Sections

78-Pt-189



10

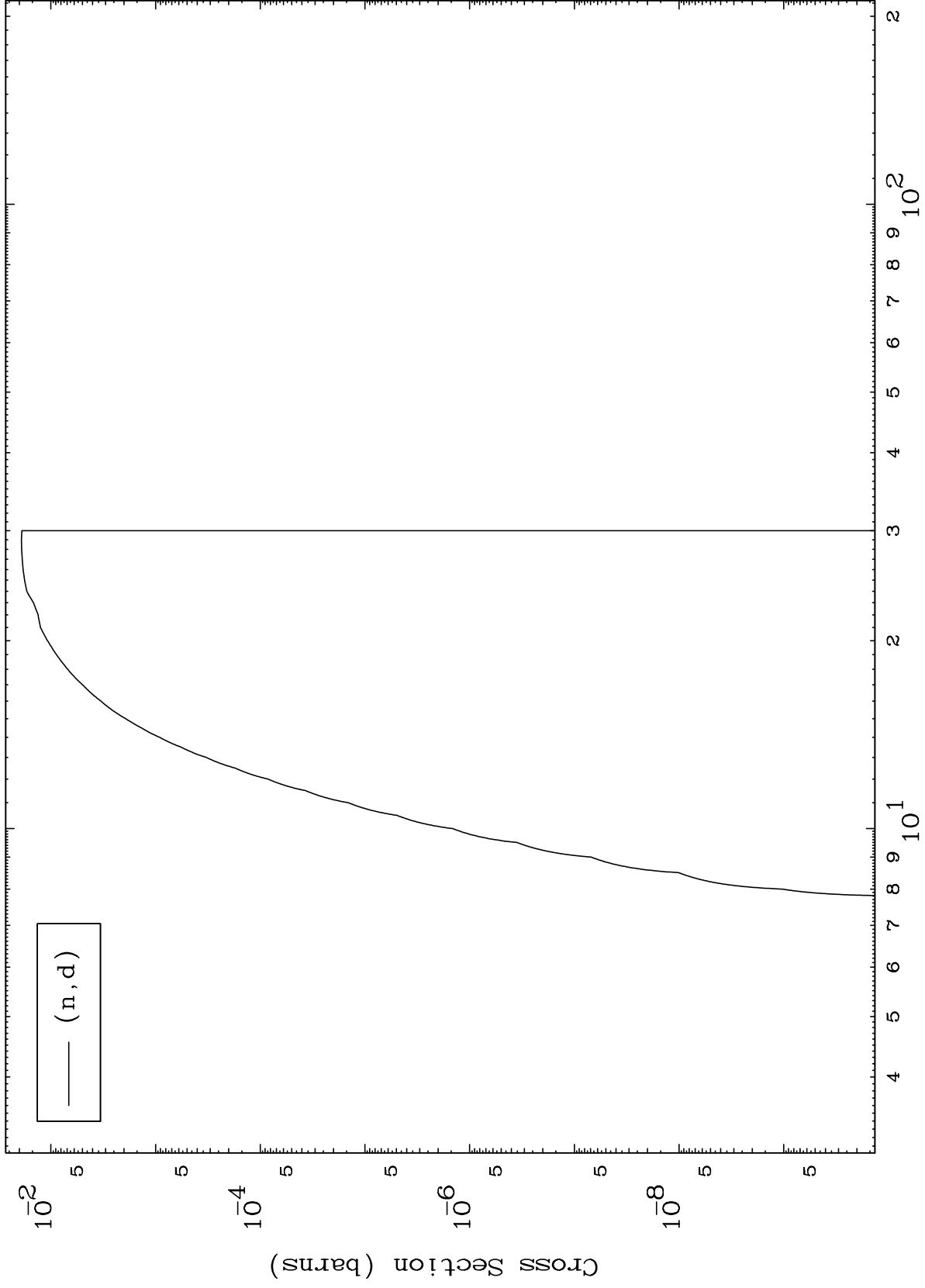
Incident Energy (MeV)

78-Pt-189

MAT 7822

(n,d) Levels
293 Kelvin Cross Sections

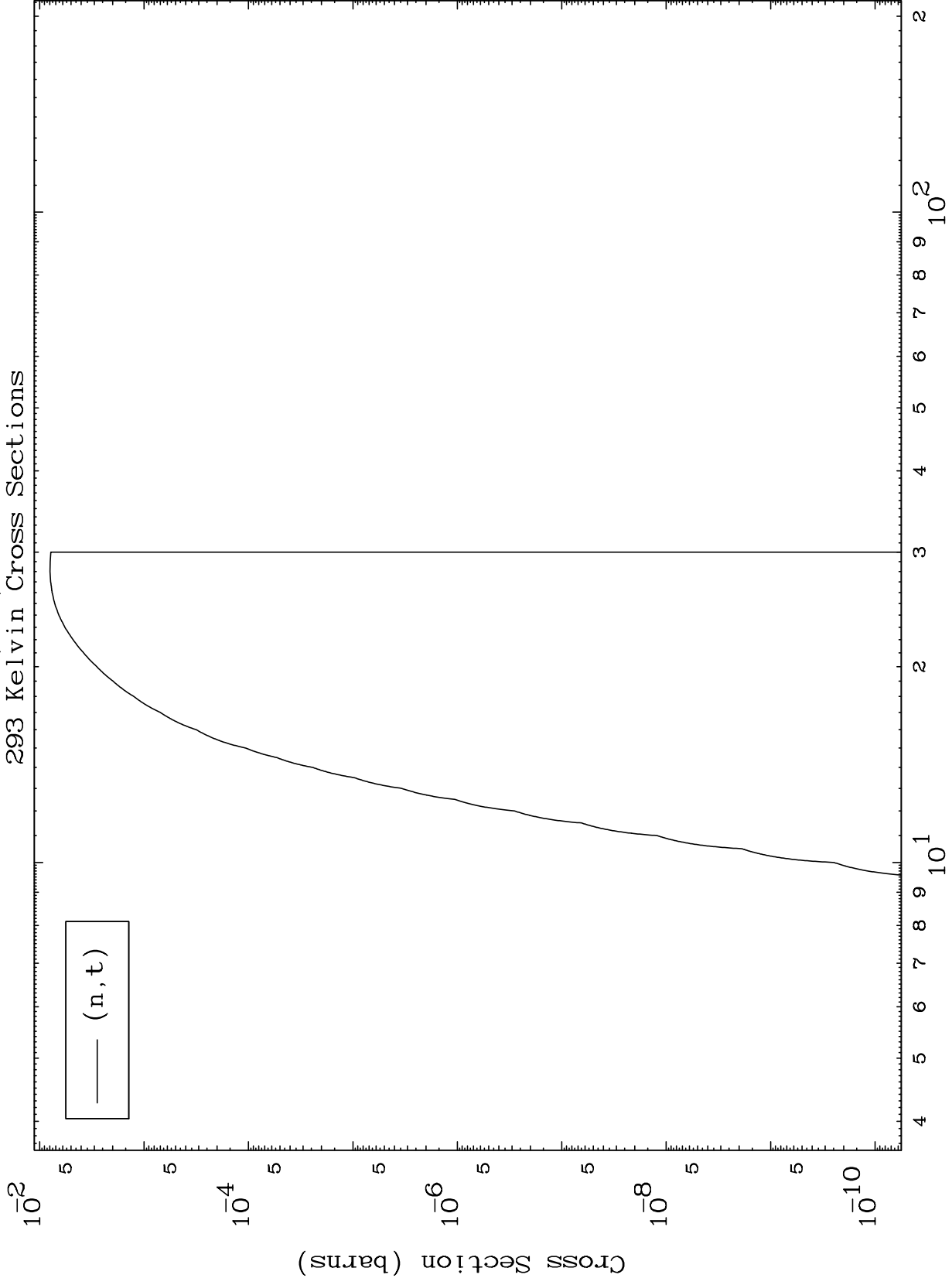
78-Pt-189



MAT 7822

(n,t) Levels
293 Kelvin Cross Sections

78-Pt-189



12

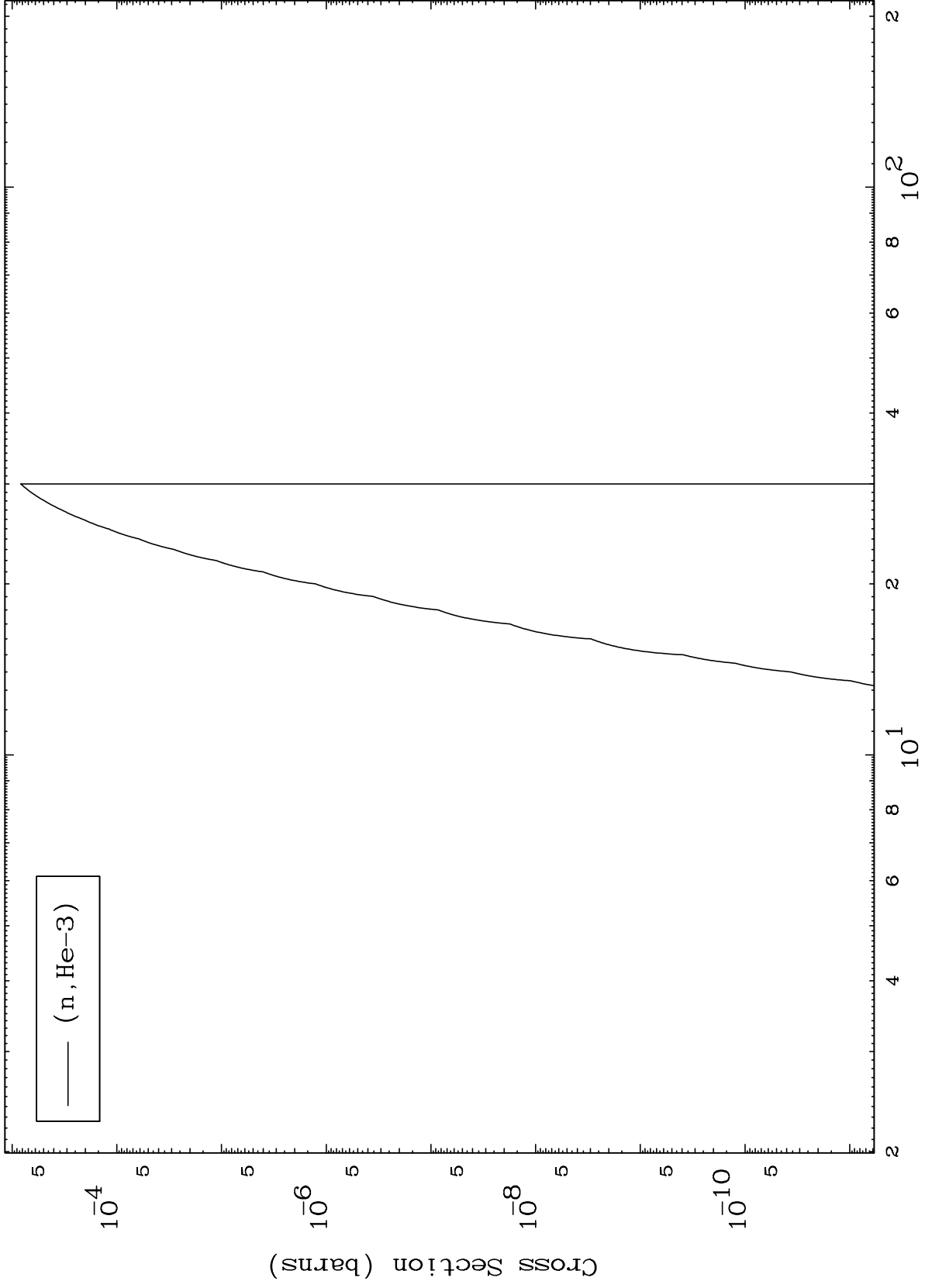
Incident Energy (MeV)

78-Pt-189

MAT 78222

(n,He3) Levels
293 Kelvin Cross Sections

78-Pt-189



13

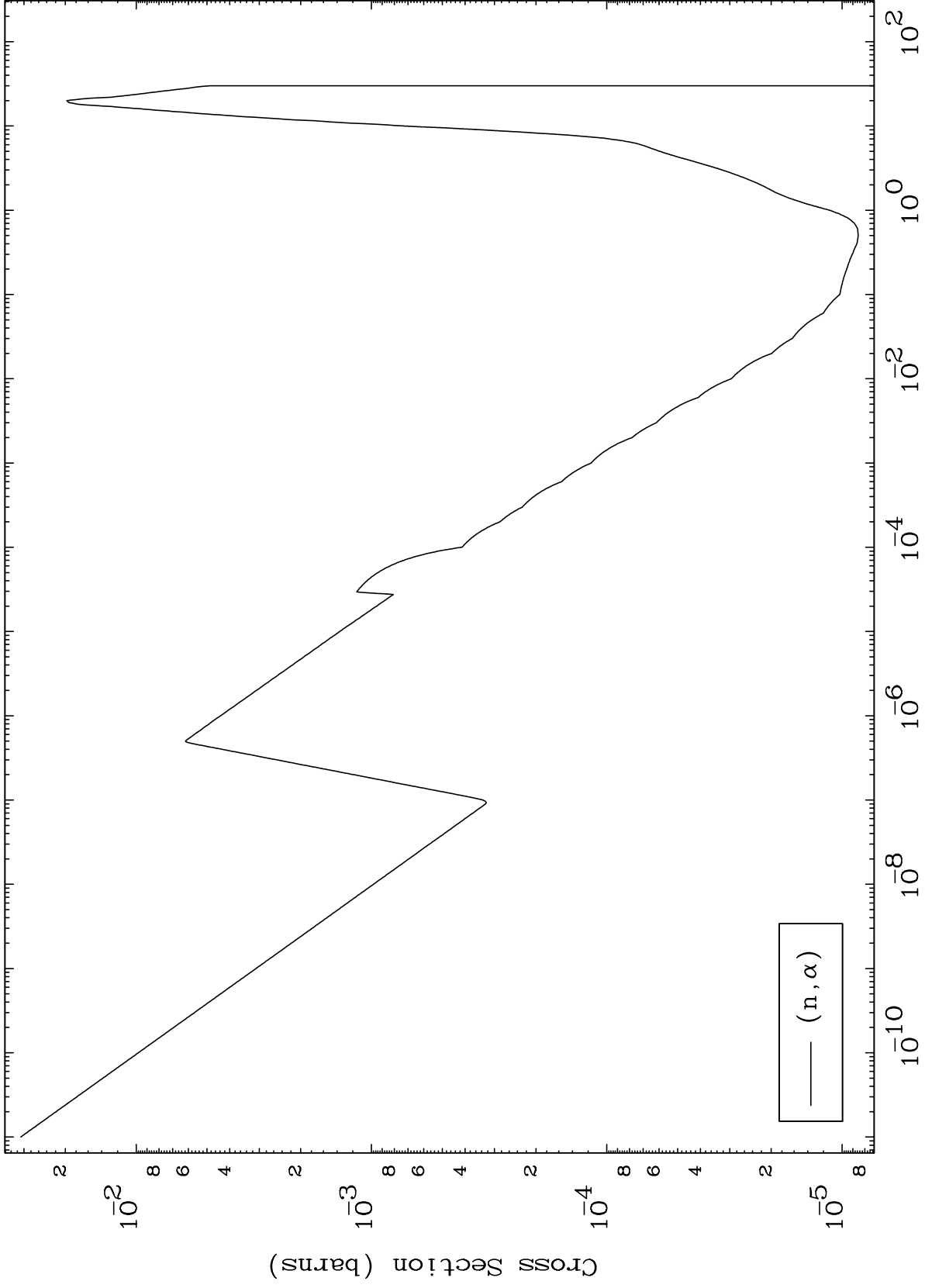
Incident Energy (MeV)

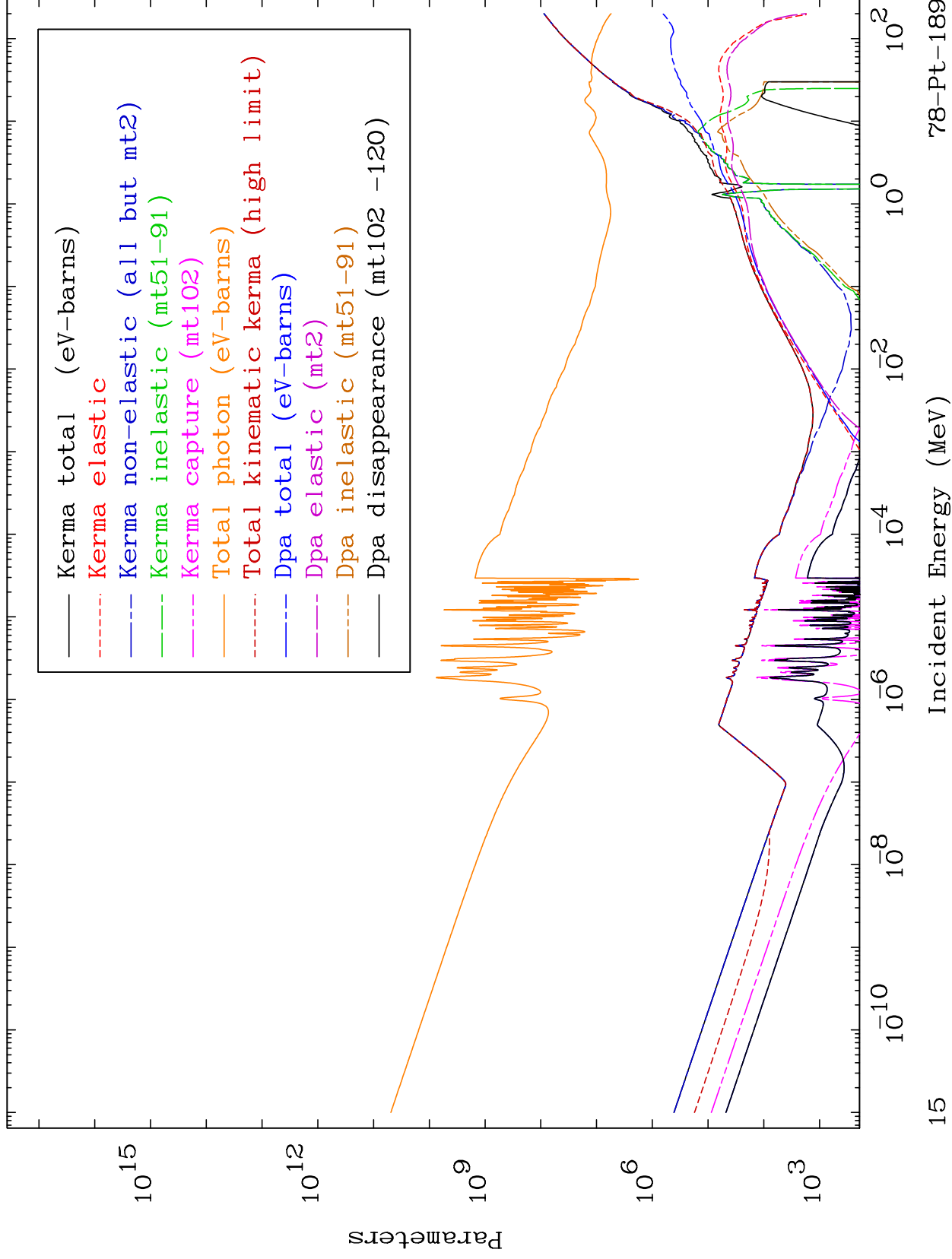
78-Pt-189

MAT 78222

(n,α) Levels
293 Kelvin Cross Sections

78-Pt-189

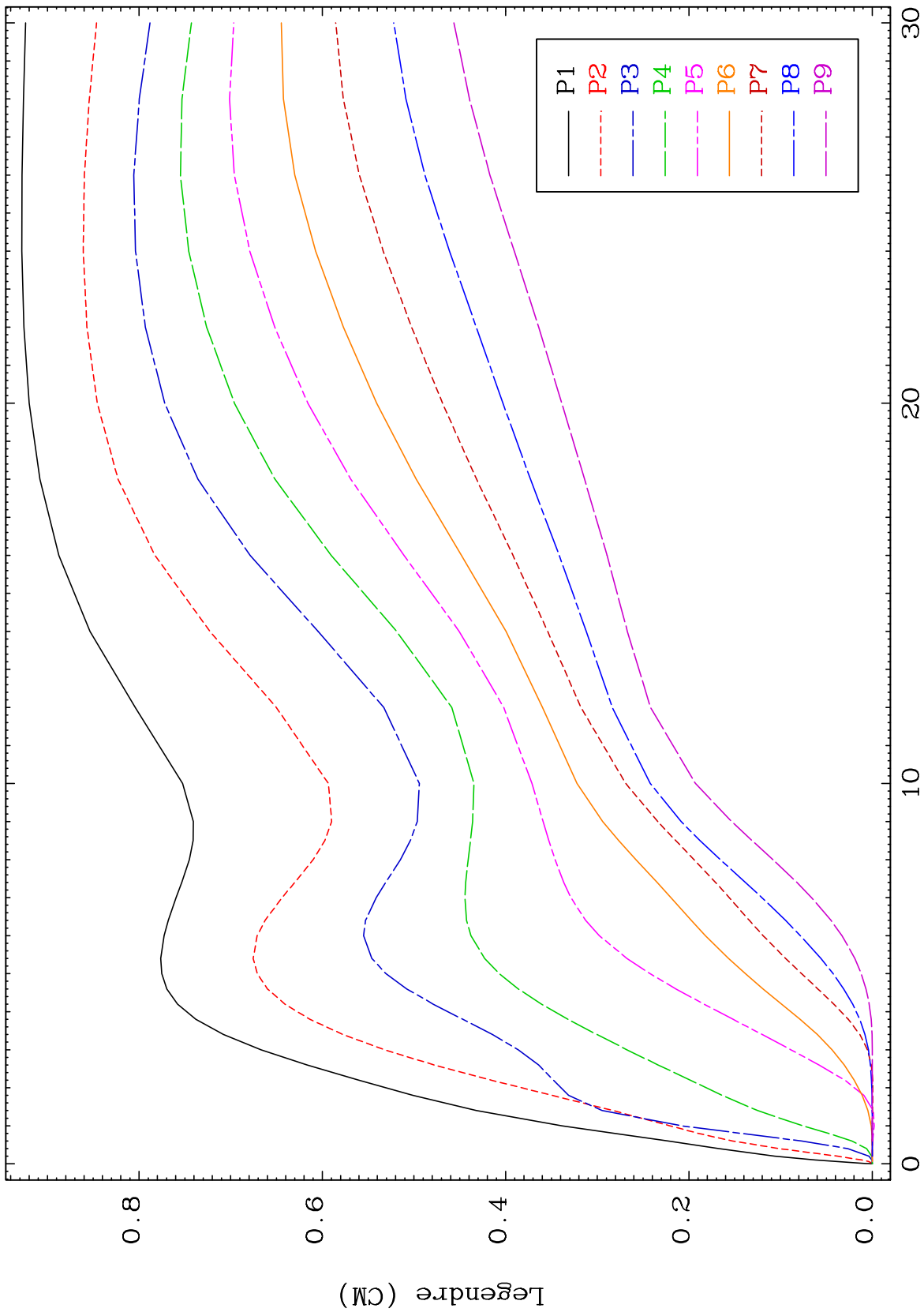




MAT 7822

78-Pt-189

Elastic Legendre Coefficients



16

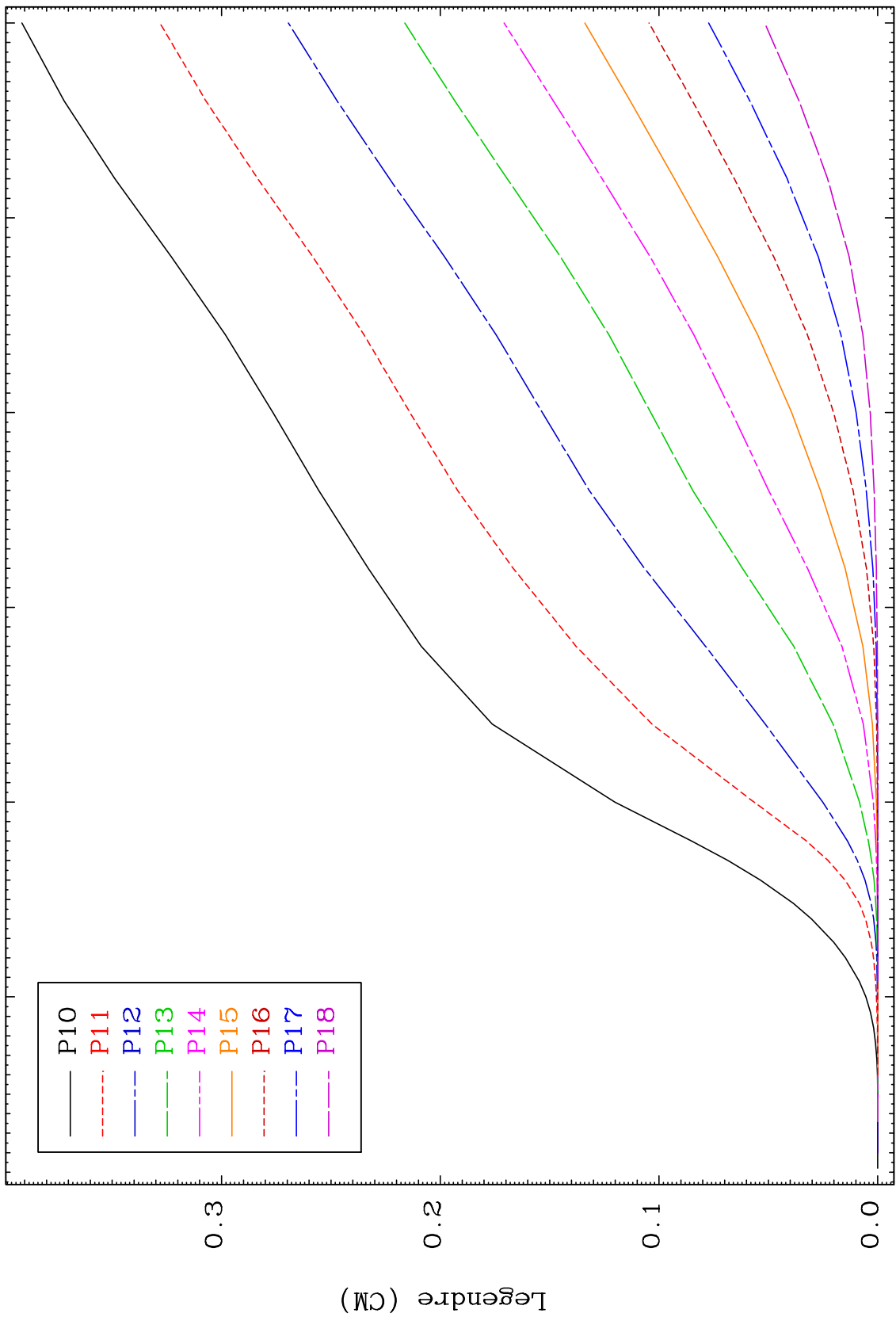
Incident Energy (MeV)

78-Pt-189

MAT 7822

Elastic Legendre Coefficients

78-Pt-189



17

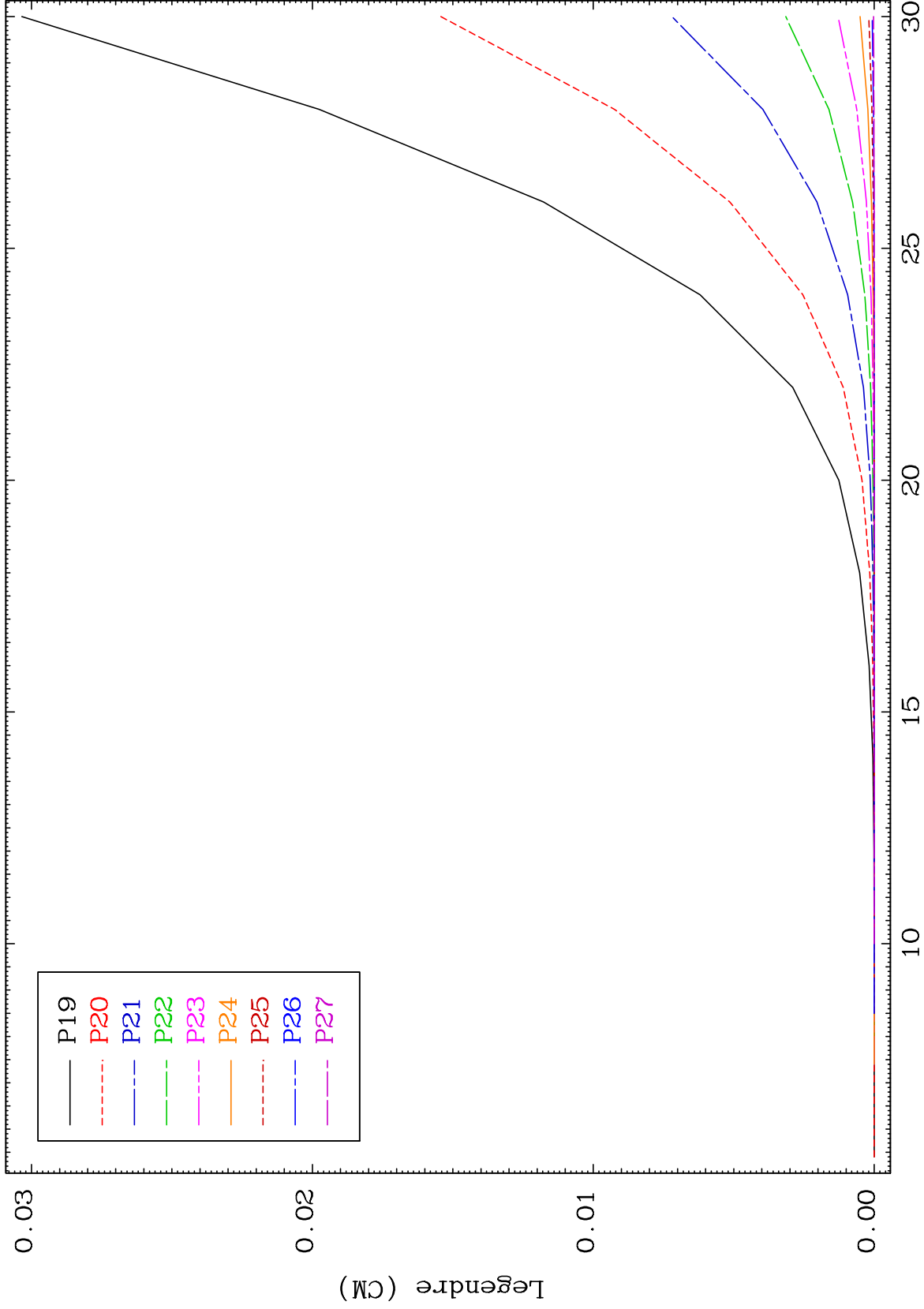
Incident Energy (MeV)

78-Pt-189

MAT 7822

Elastic
Legendre Coefficients

78-Pt-189



18

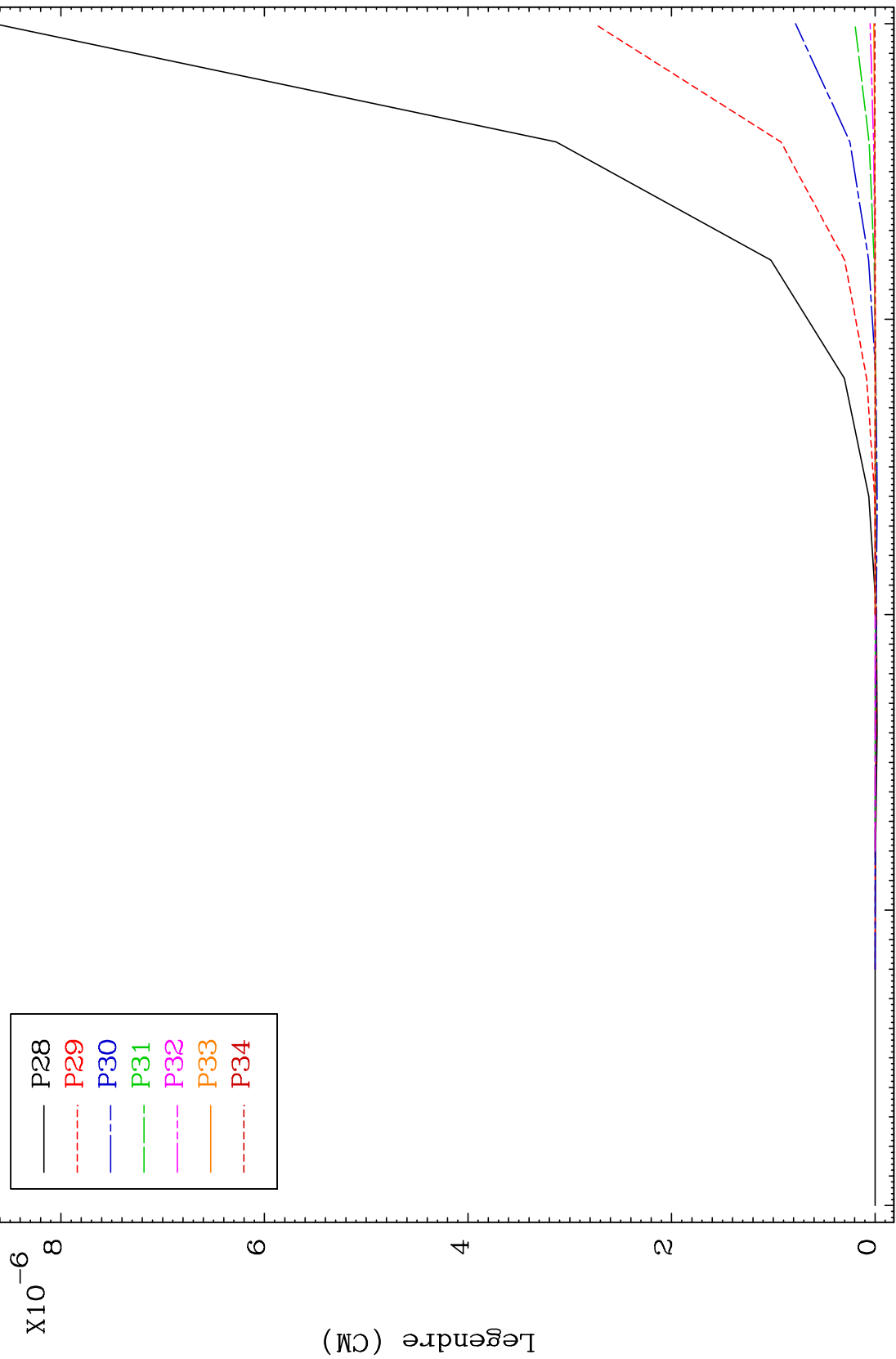
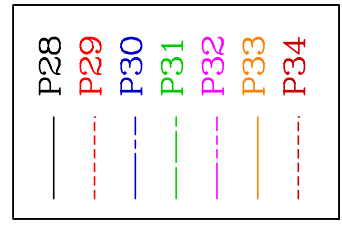
Incident Energy (MeV)

78-Pt-189

MAT 7822

Elastic Legendre Coefficients

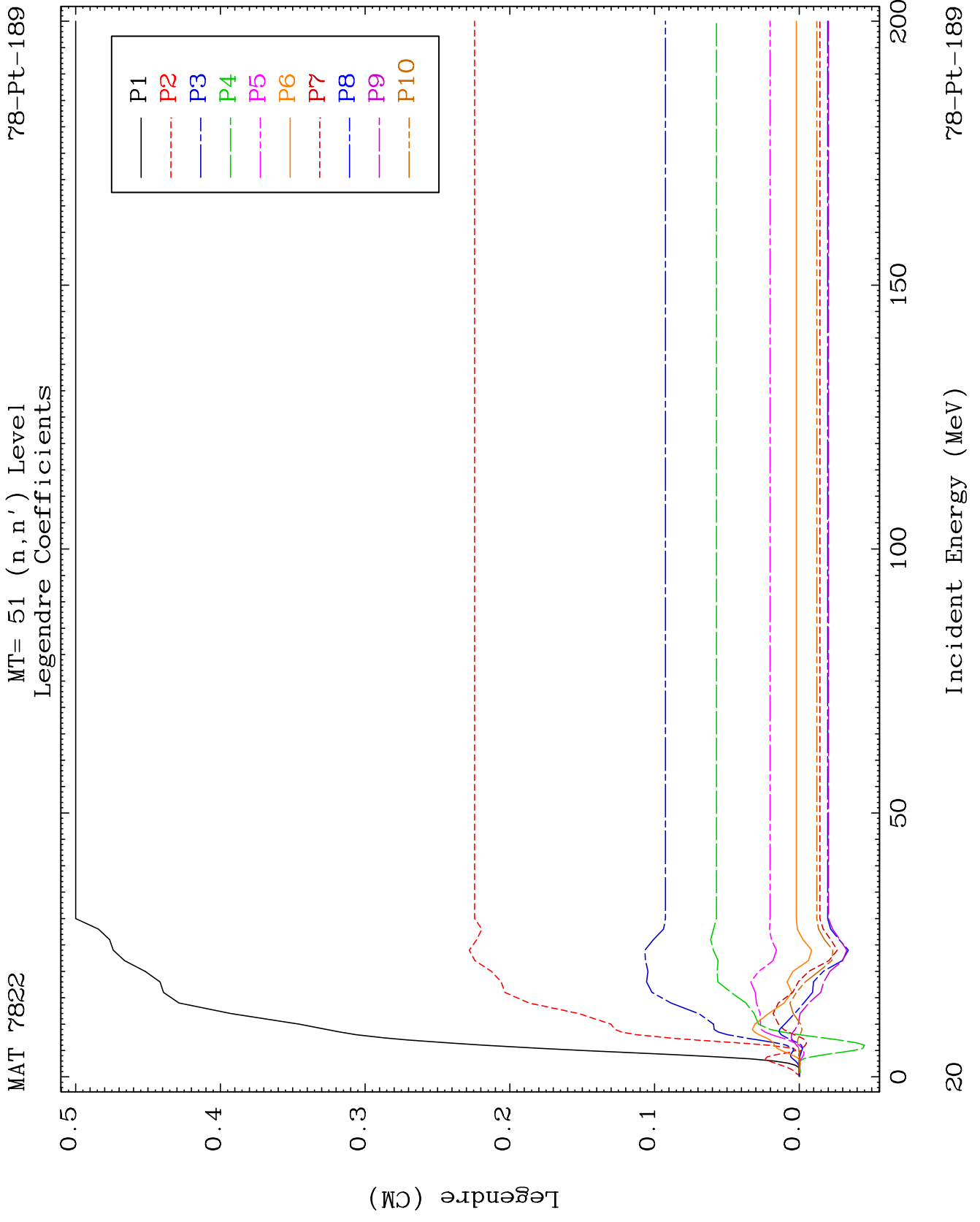
78-Pt-189

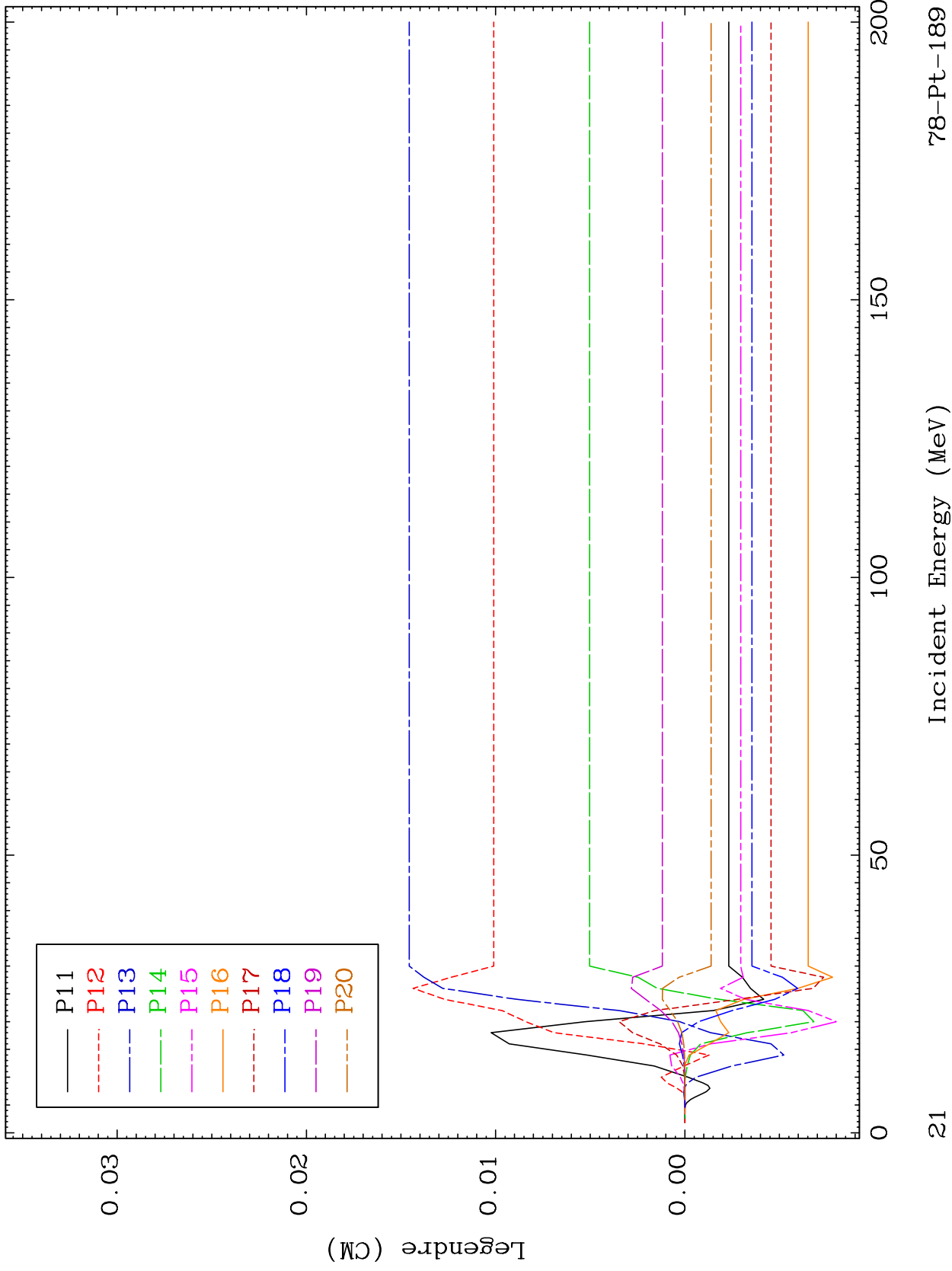


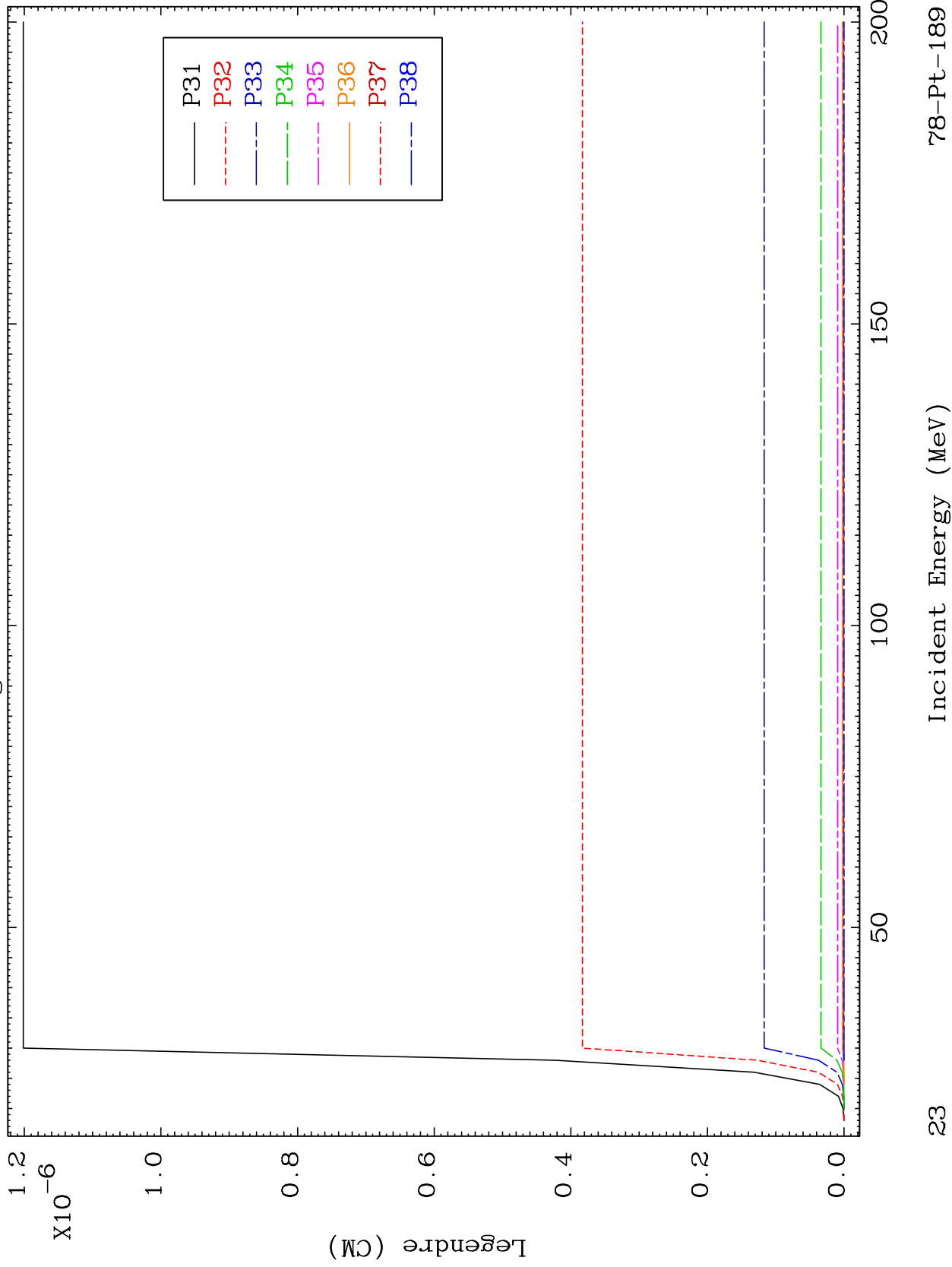
78-Pt-189

Incident Energy (MeV)

19



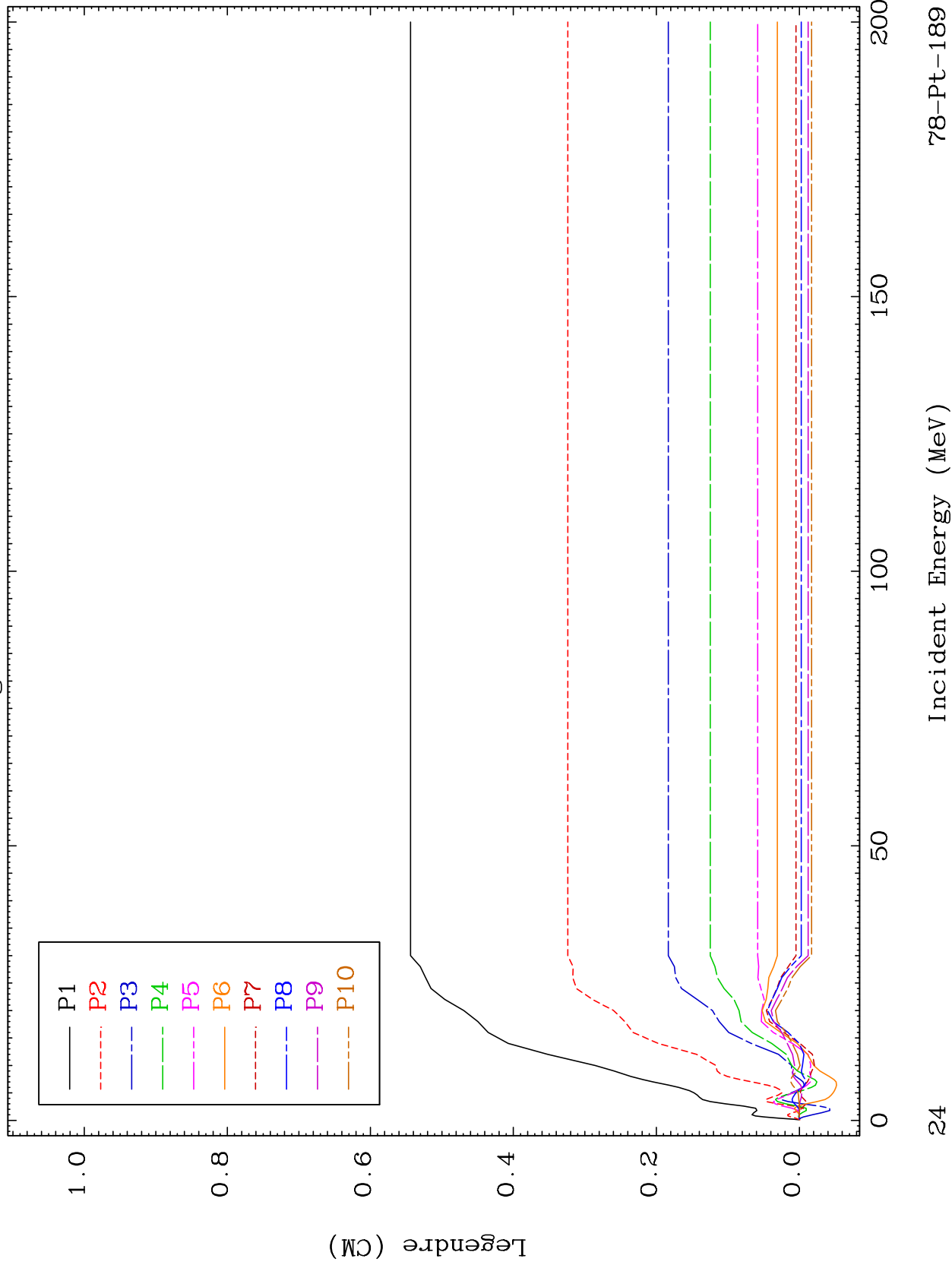




MAT 7822

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

78-Pt-189

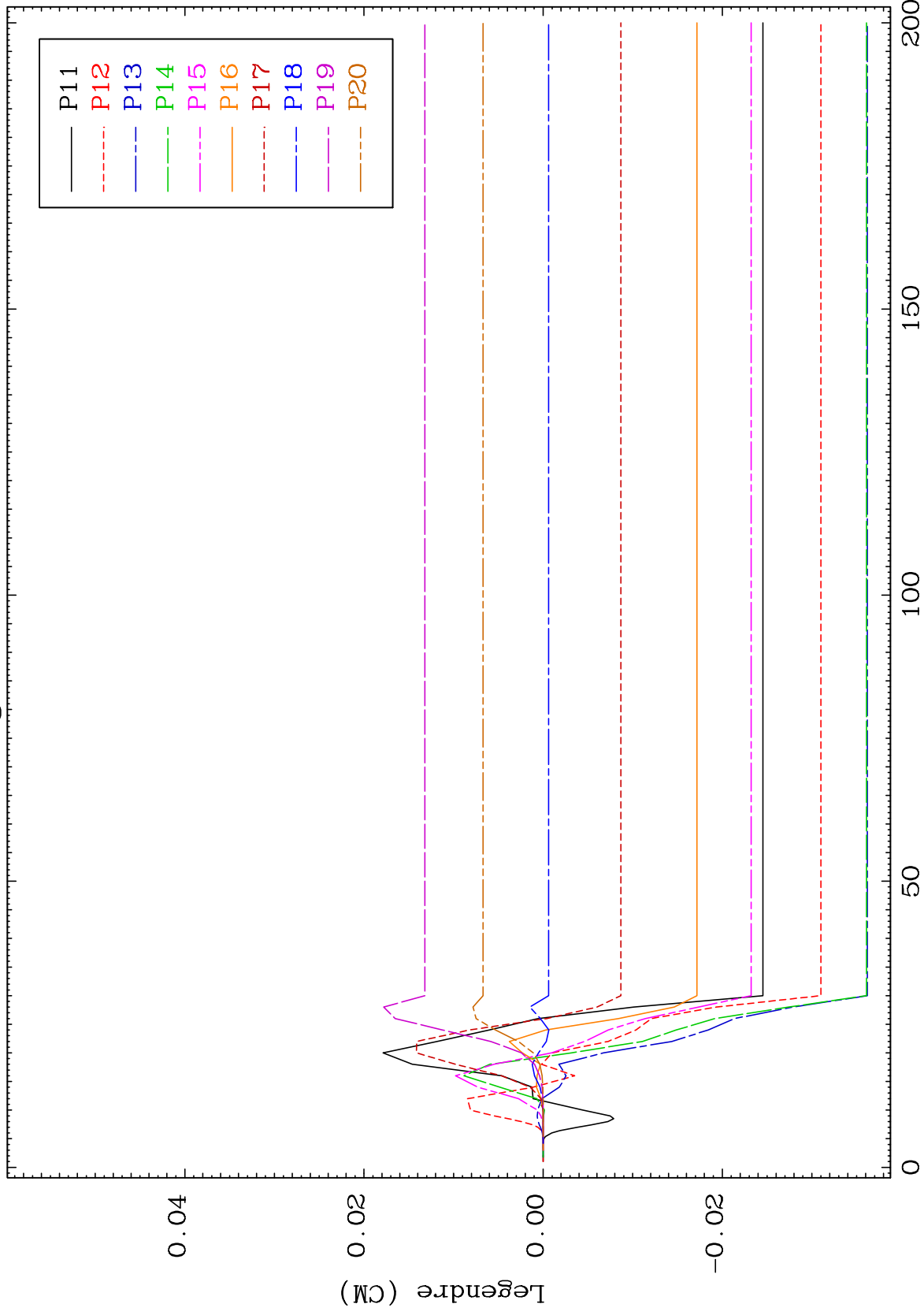


24

MAT 7822

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

78-Pt-189



25

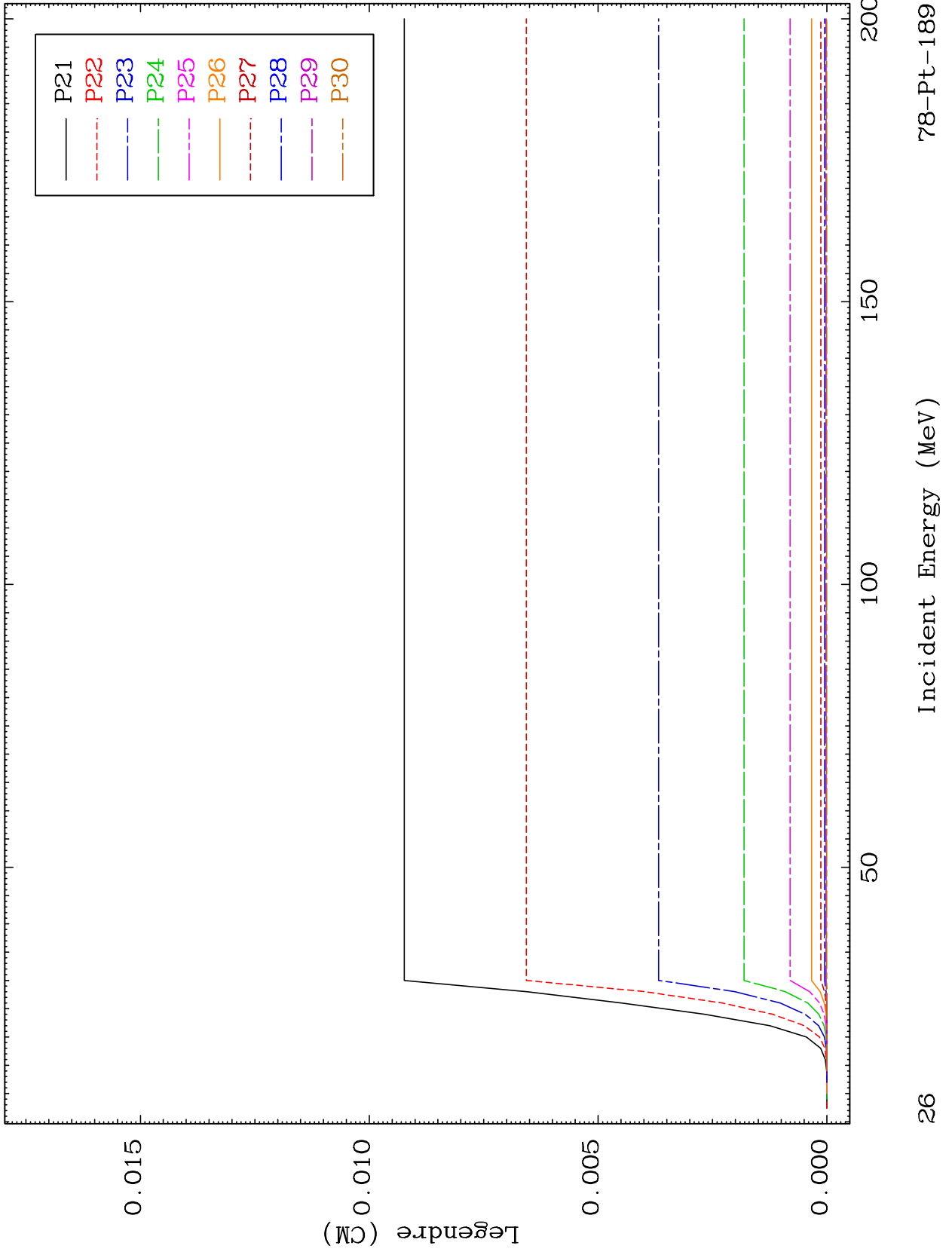
Incident Energy (MeV)

78-Pt-189

MAT 7822

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

78-Pt-189



26

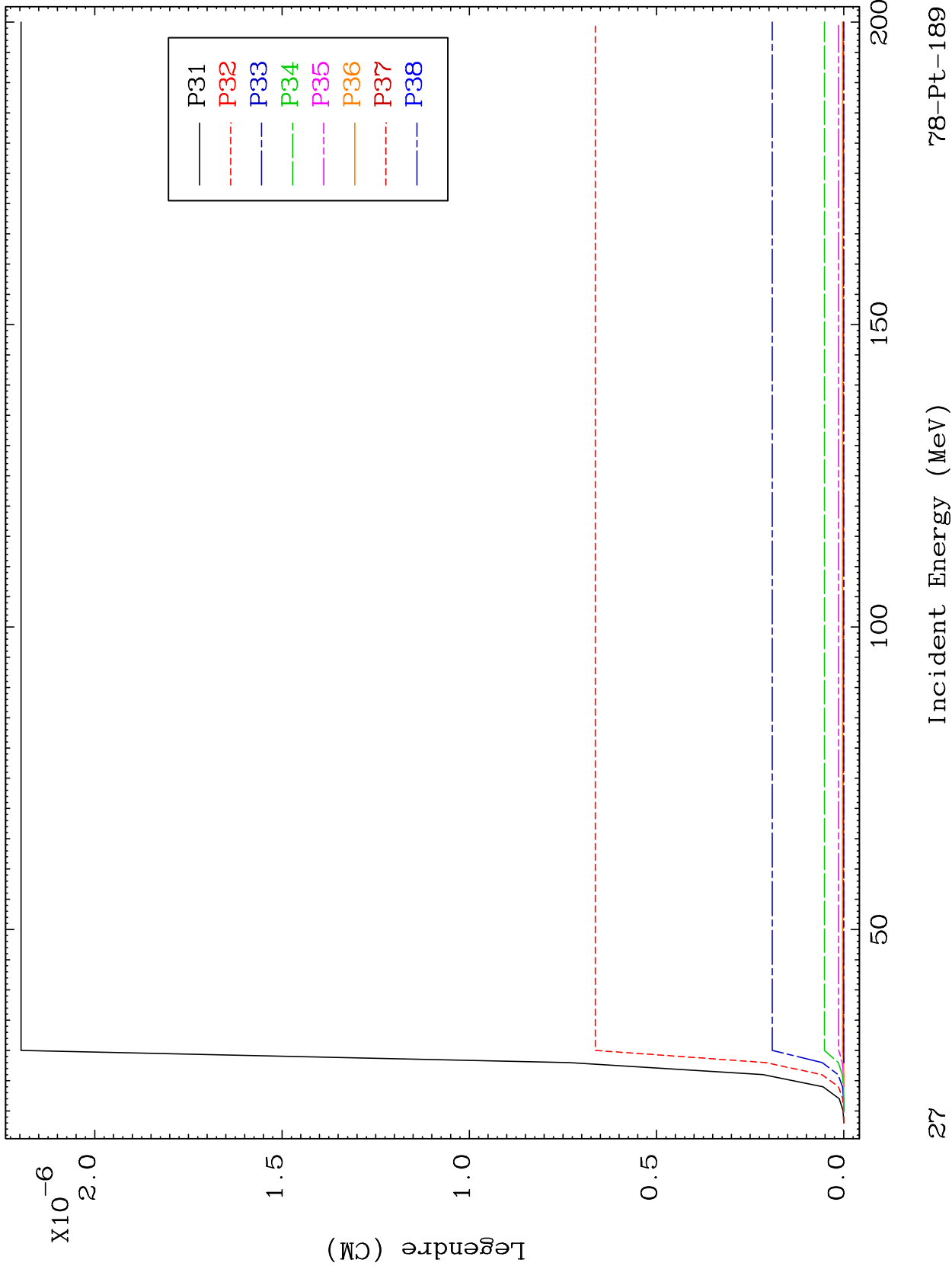
Incident Energy (MeV)

78-Pt-189

MAT 7822

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

78-Pt-189



27

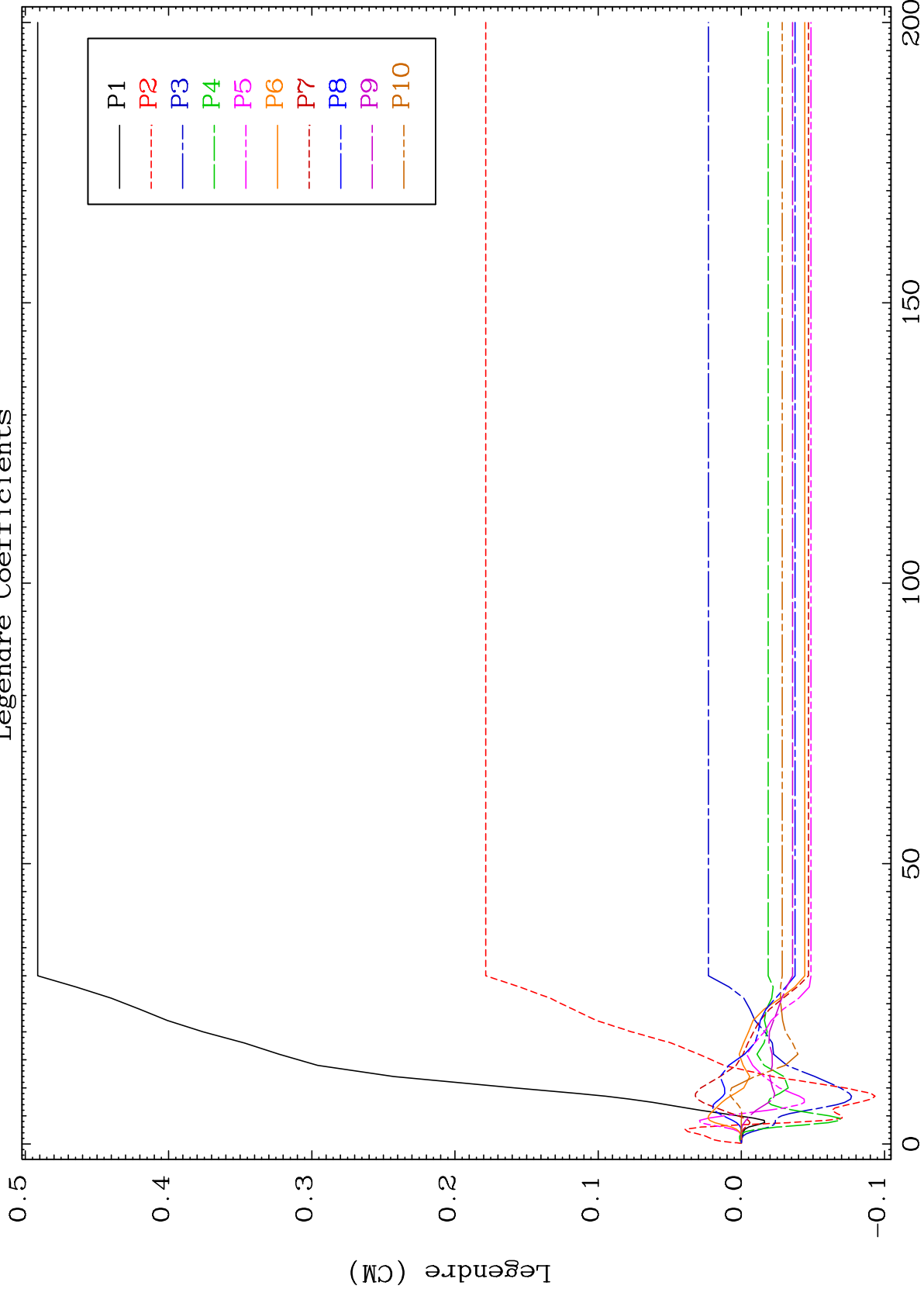
Incident Energy (MeV)

78-Pt-189

MAT 7822

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

78-Pt-189



78-Pt-189

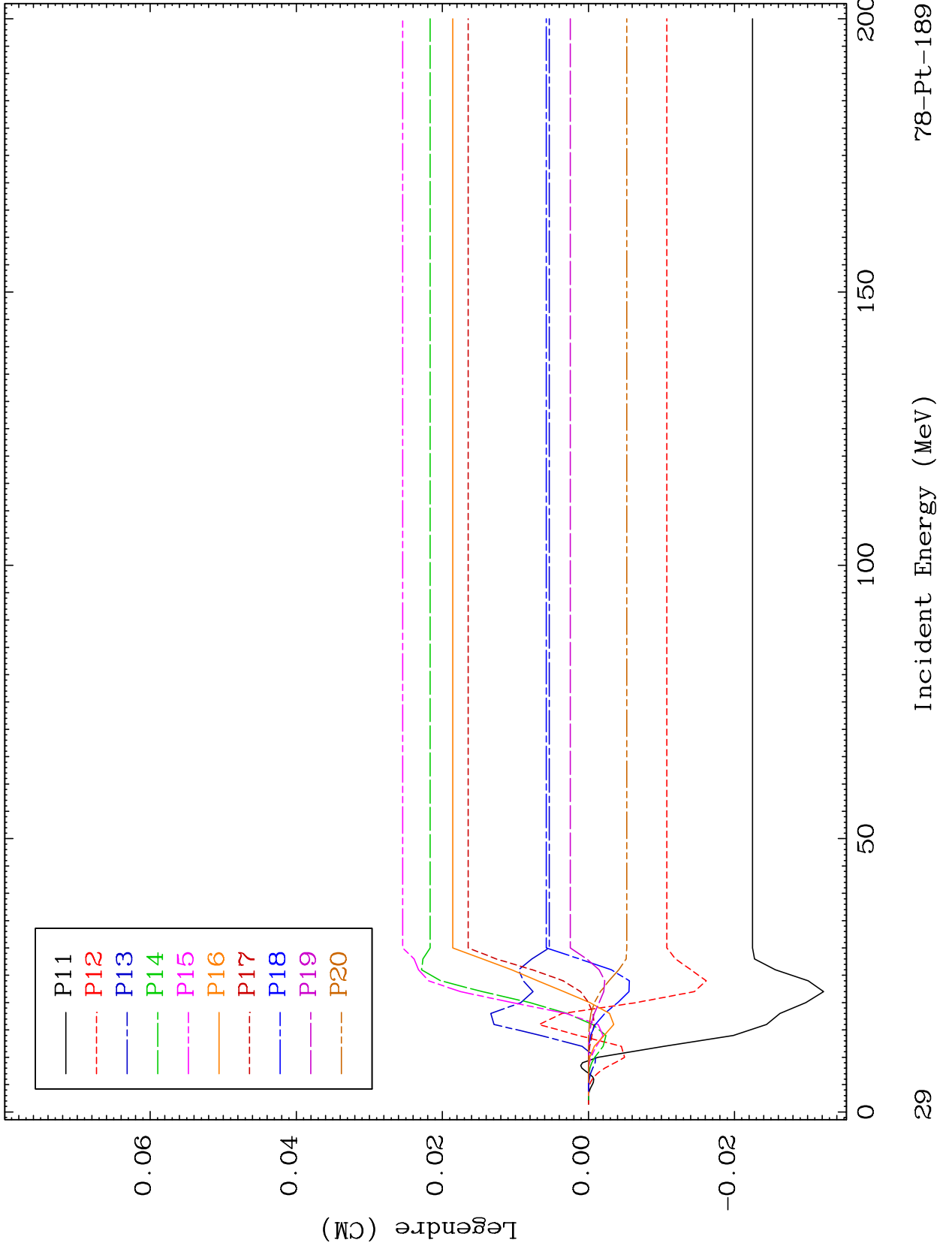
Incident Energy (MeV)

28

MAT 7822

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

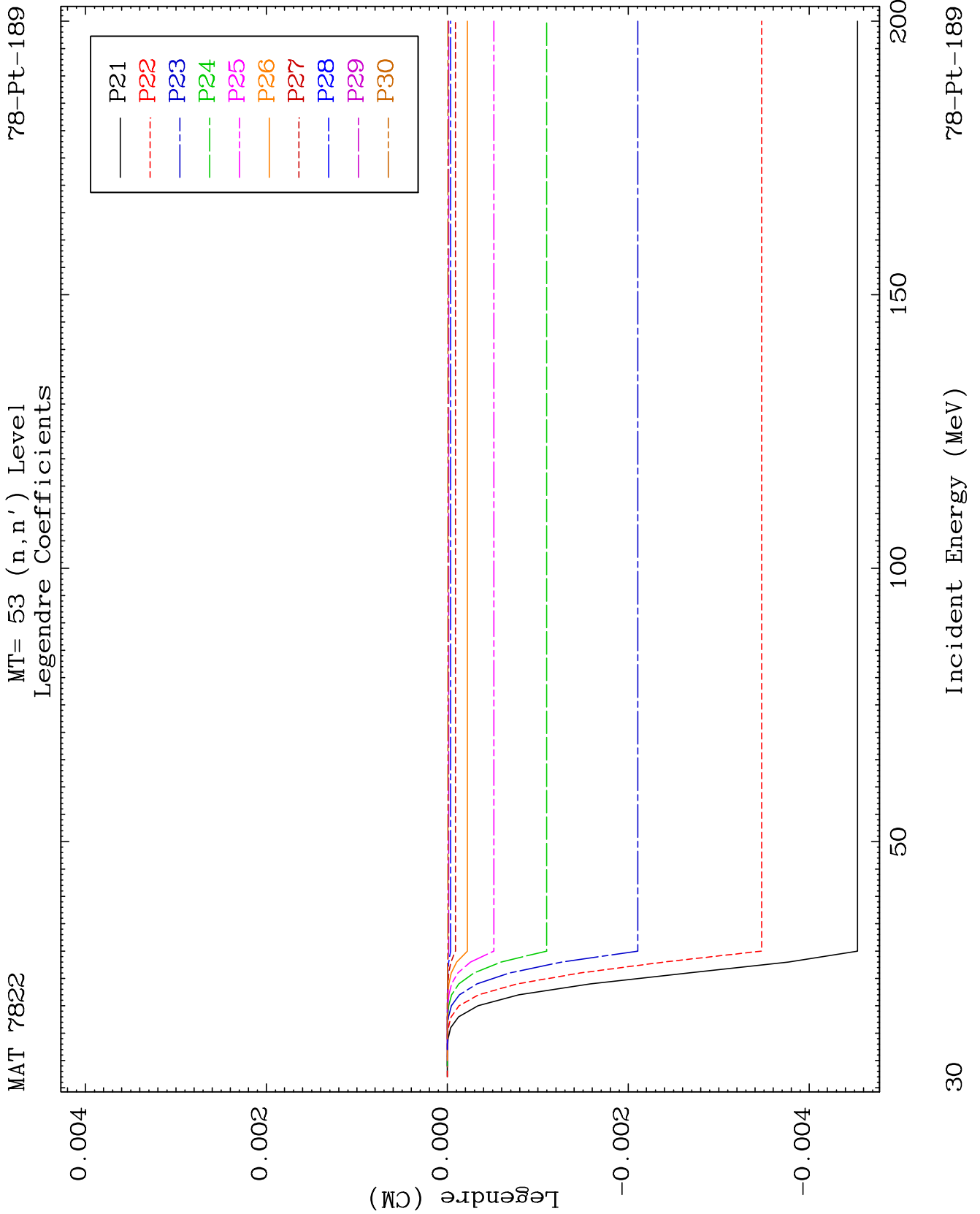
78-Pt-189

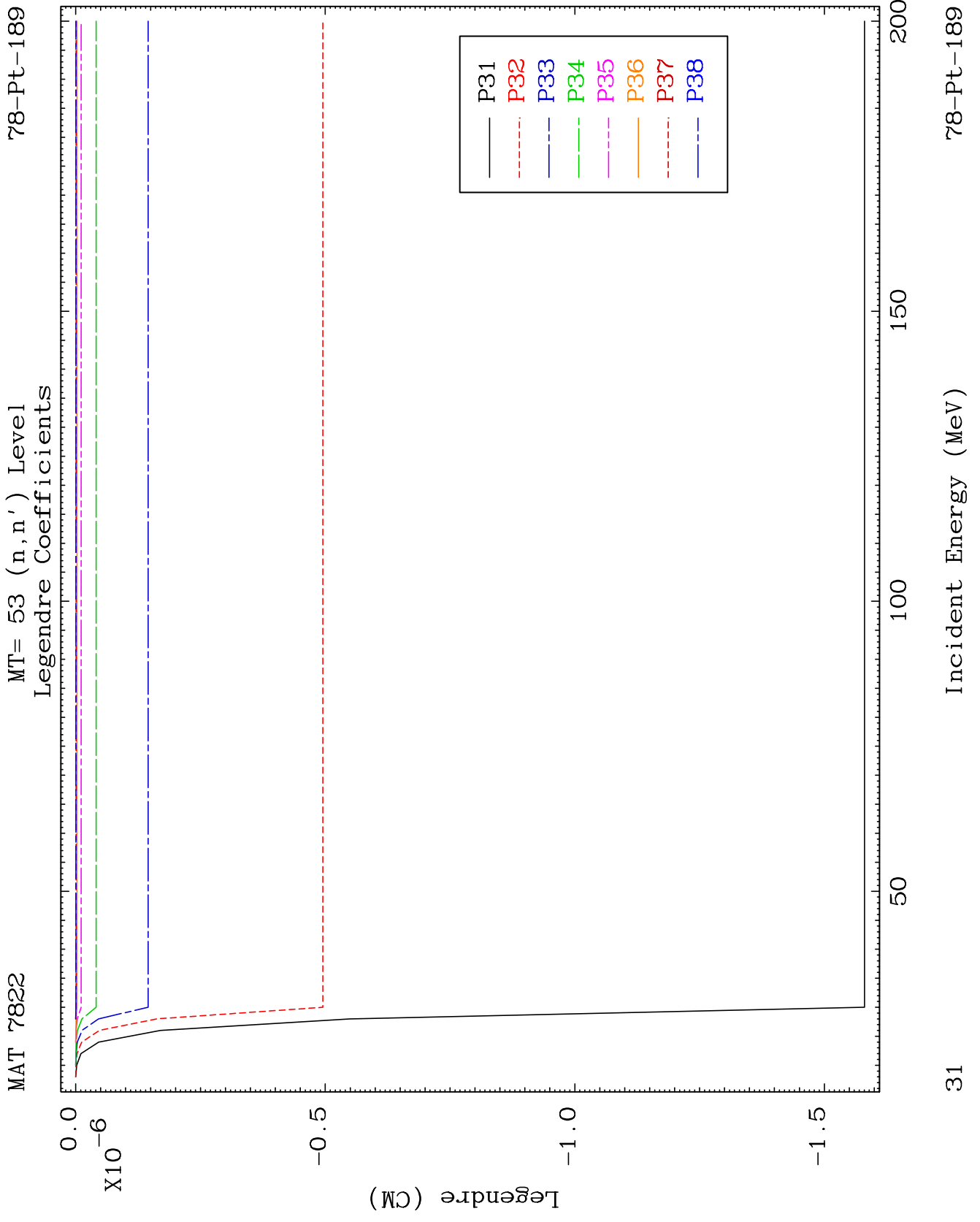


29

Incident Energy (MeV)

78-Pt-189

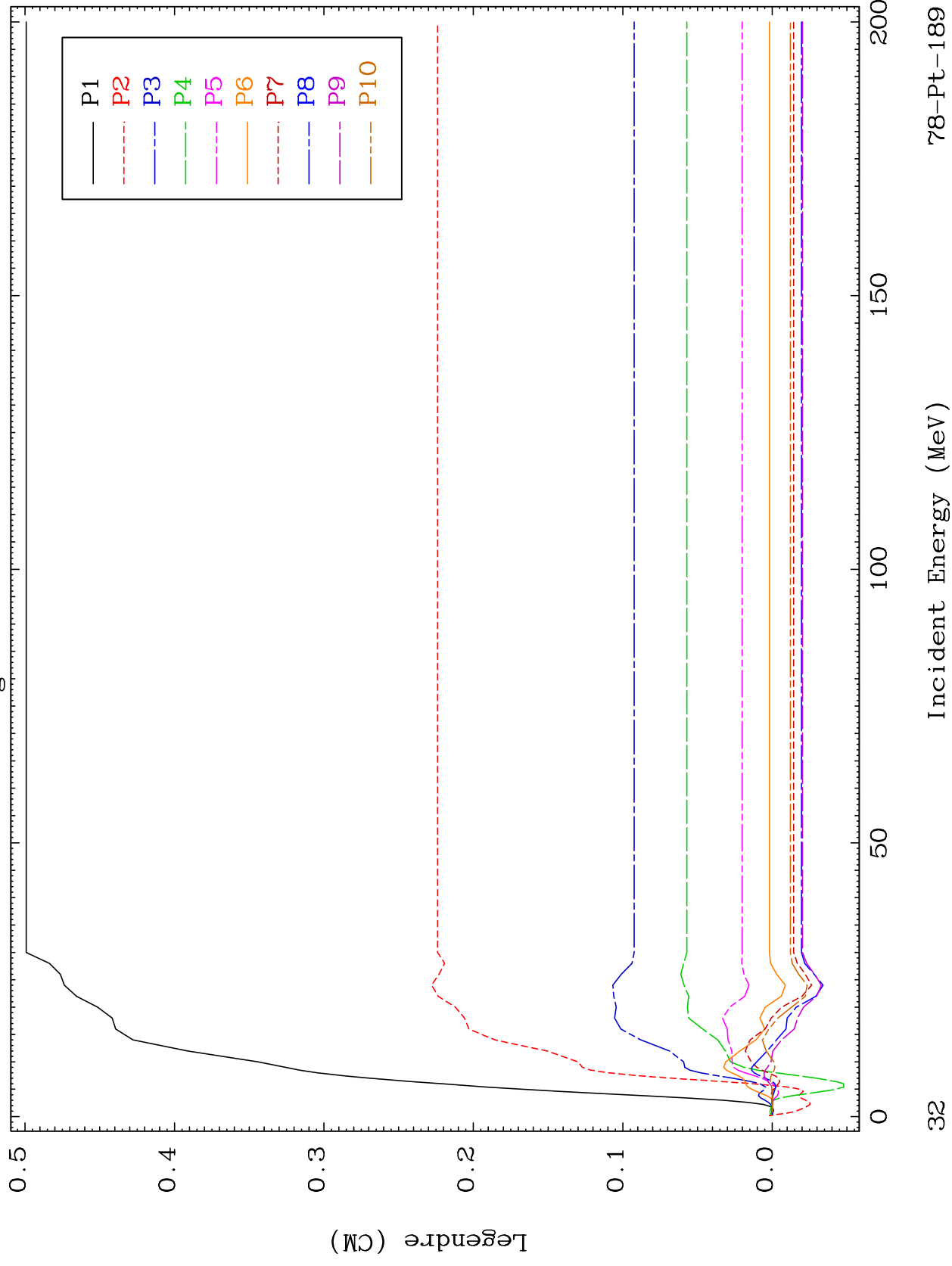




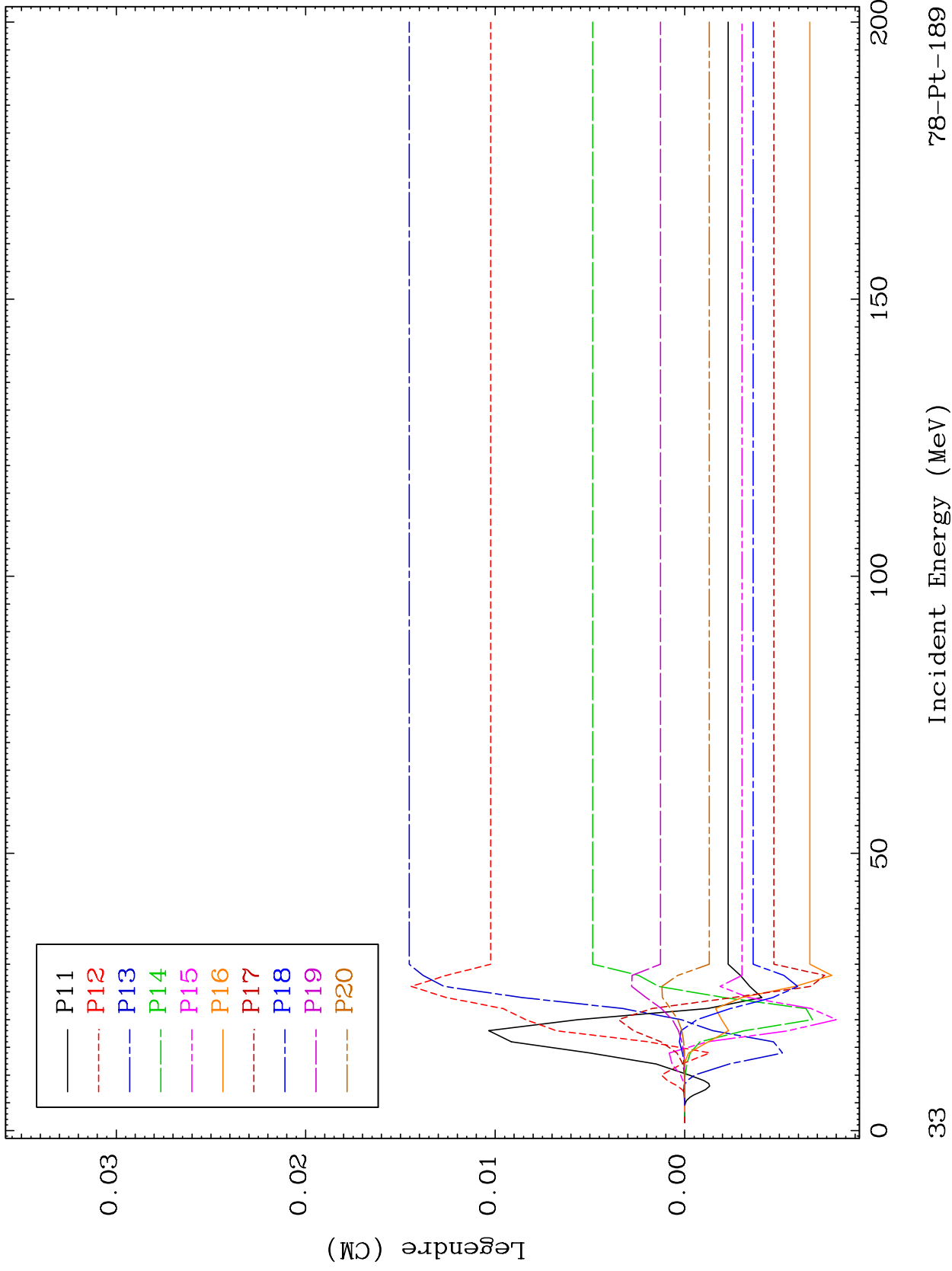
MAT 78222

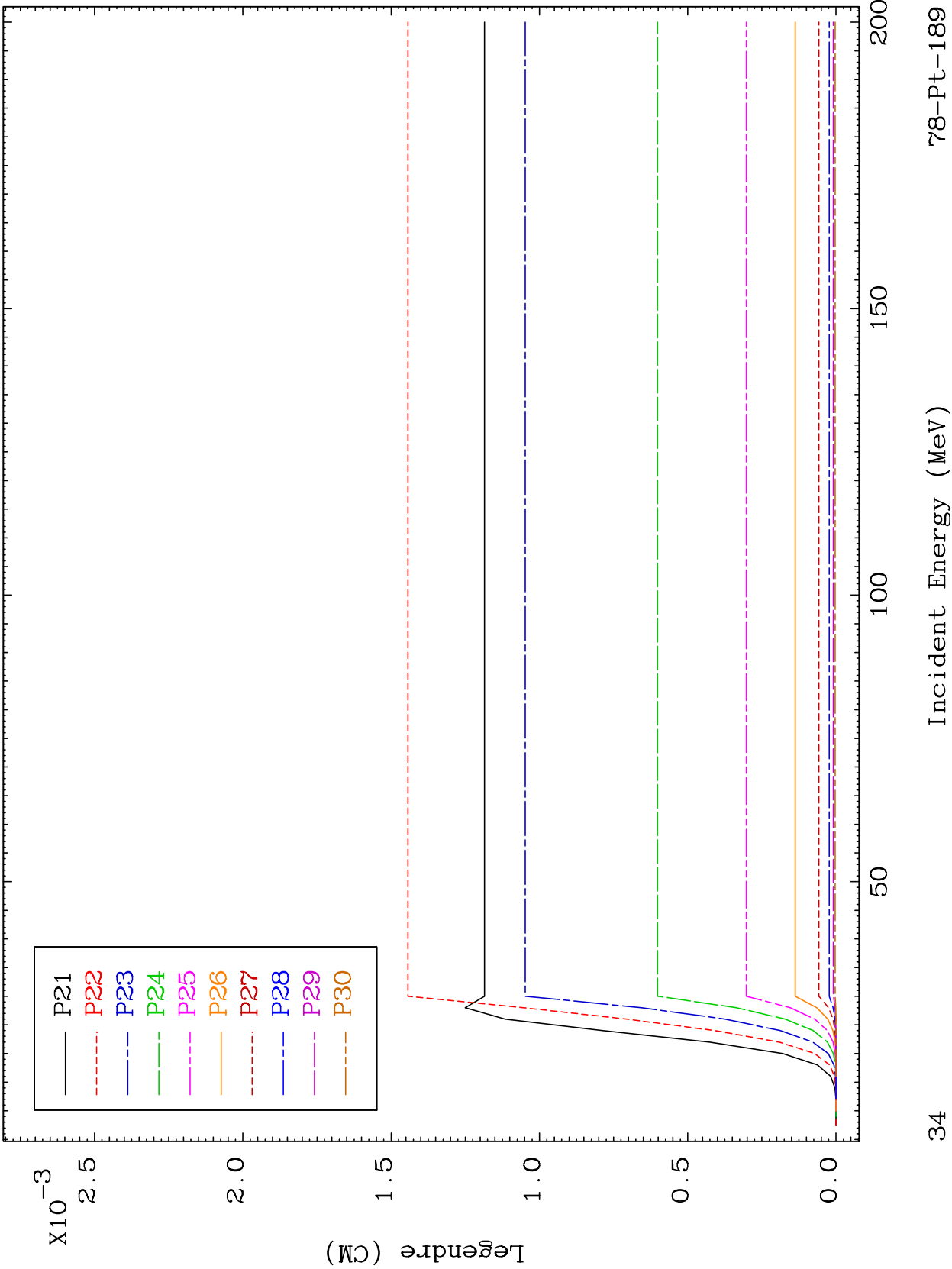
MT= 54 (n,n') Level
Legendre Coefficients

78-Pt-189



32

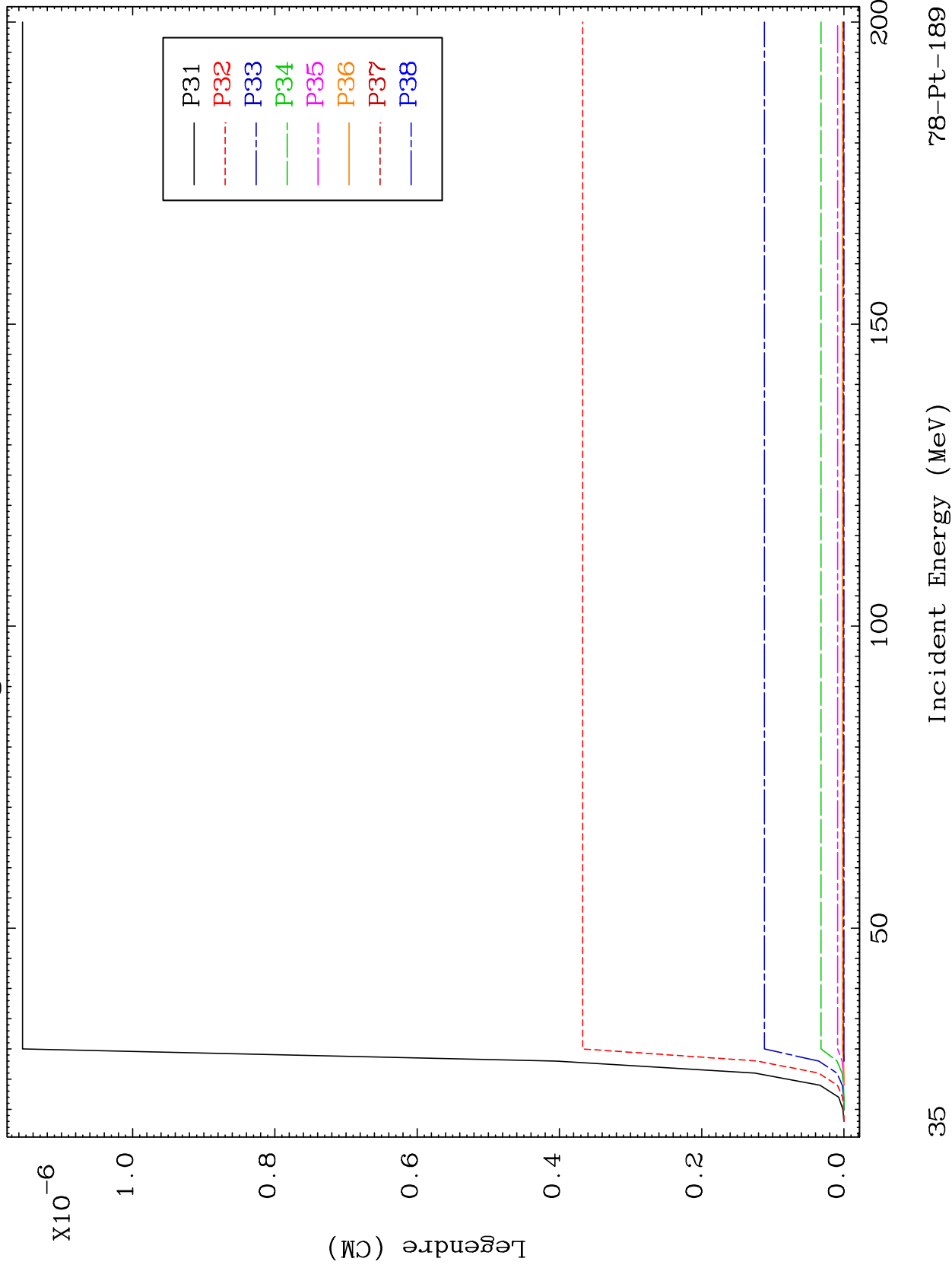




MAT 7822

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

78-Pt-189



35

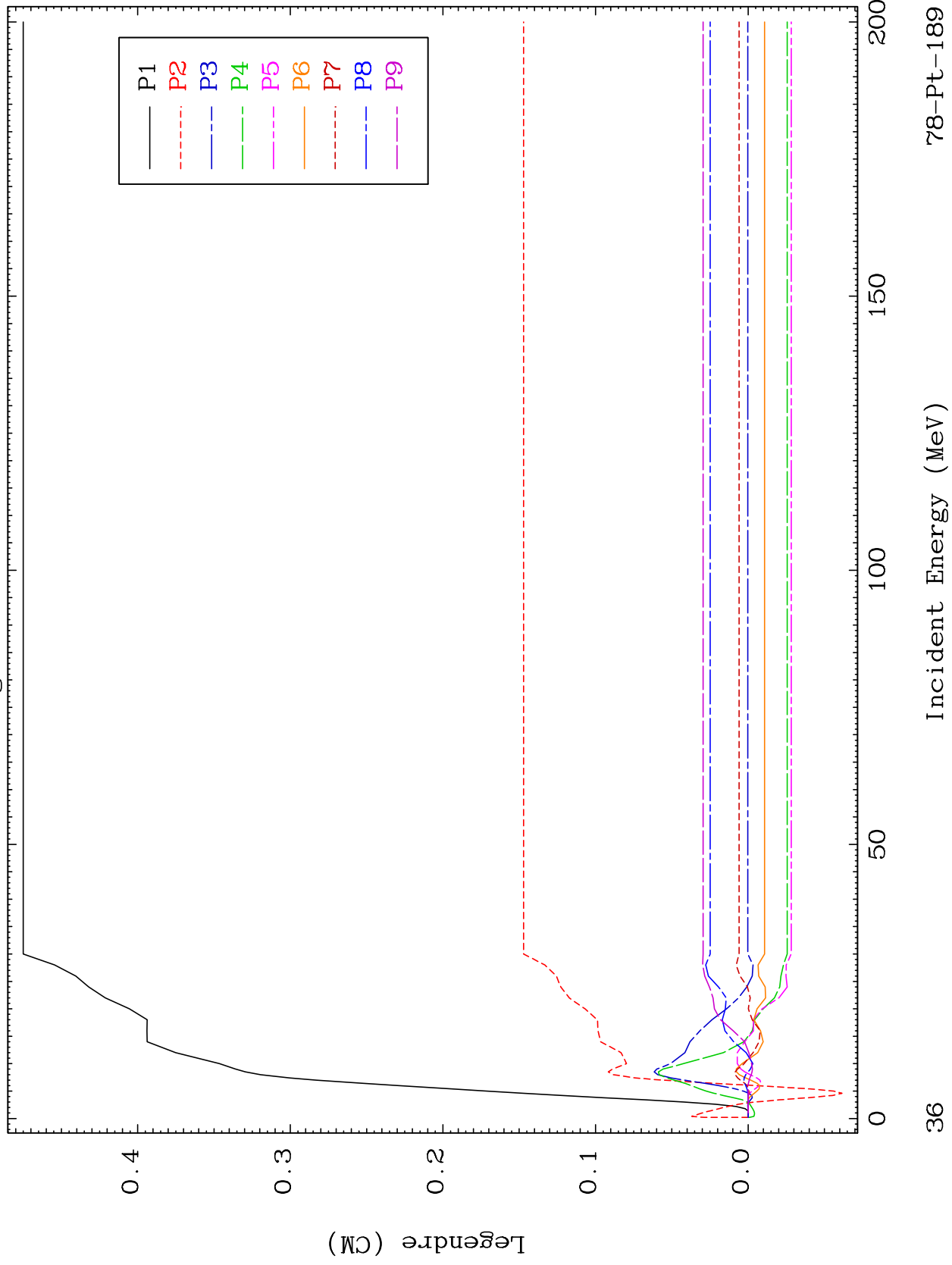
Incident Energy (MeV)

78-Pt-189

MAT 7822

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

78-Pt-189



36

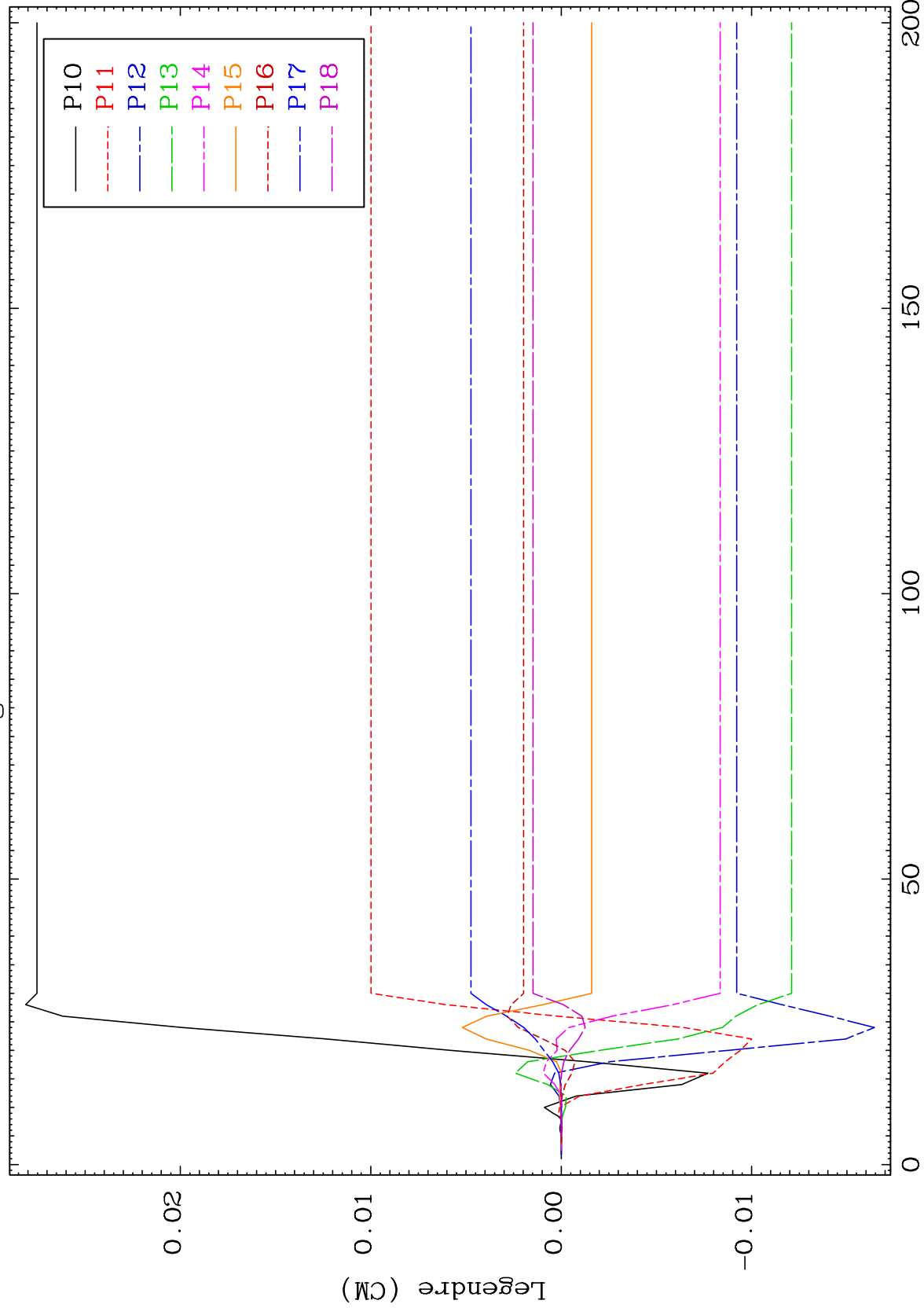
Incident Energy (MeV)

78-Pt-189

MAT 7822

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

78-Pt-189



37

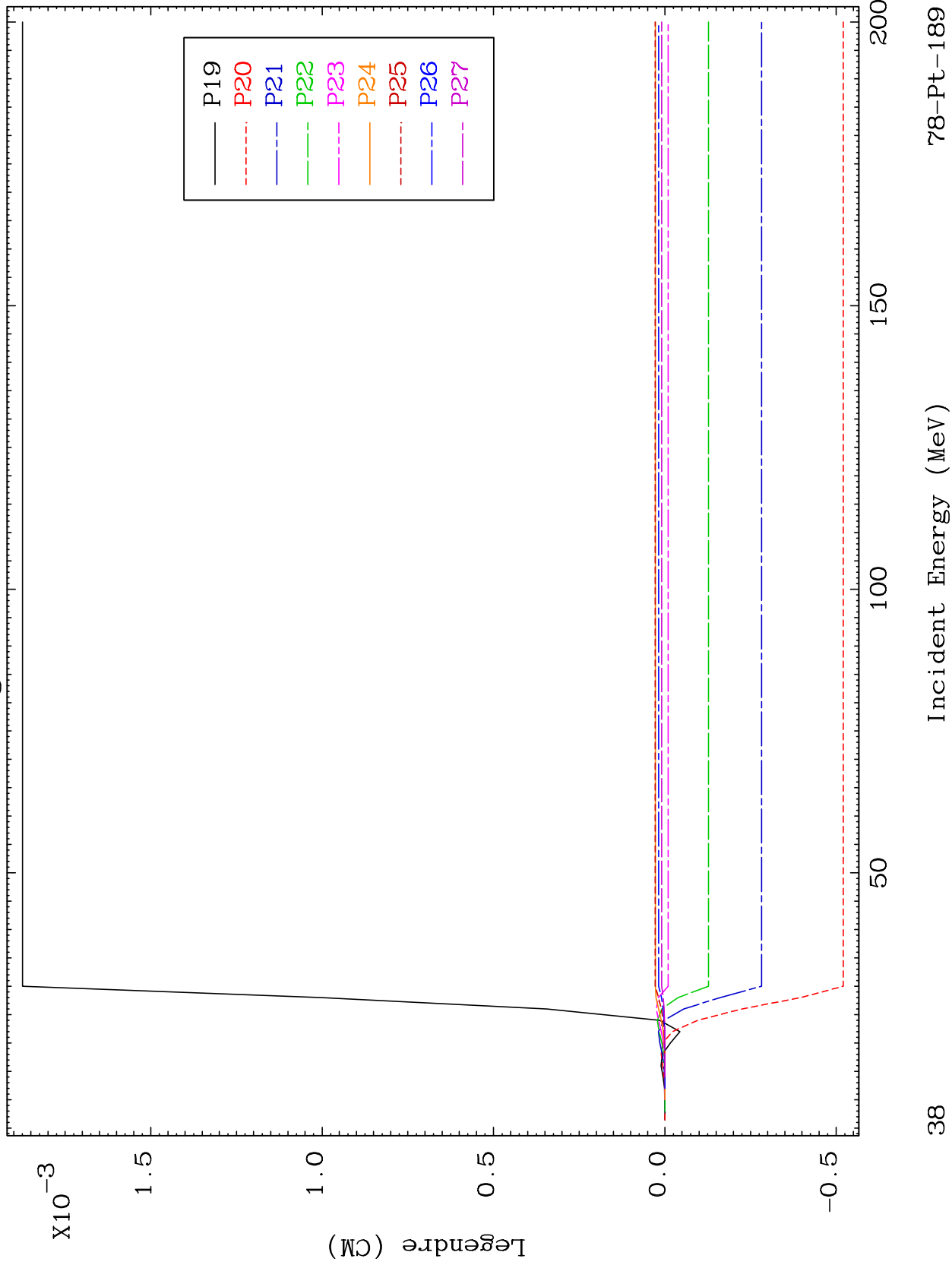
Incident Energy (MeV)

78-Pt-189

MAT 7822

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

78-Pt-189



38

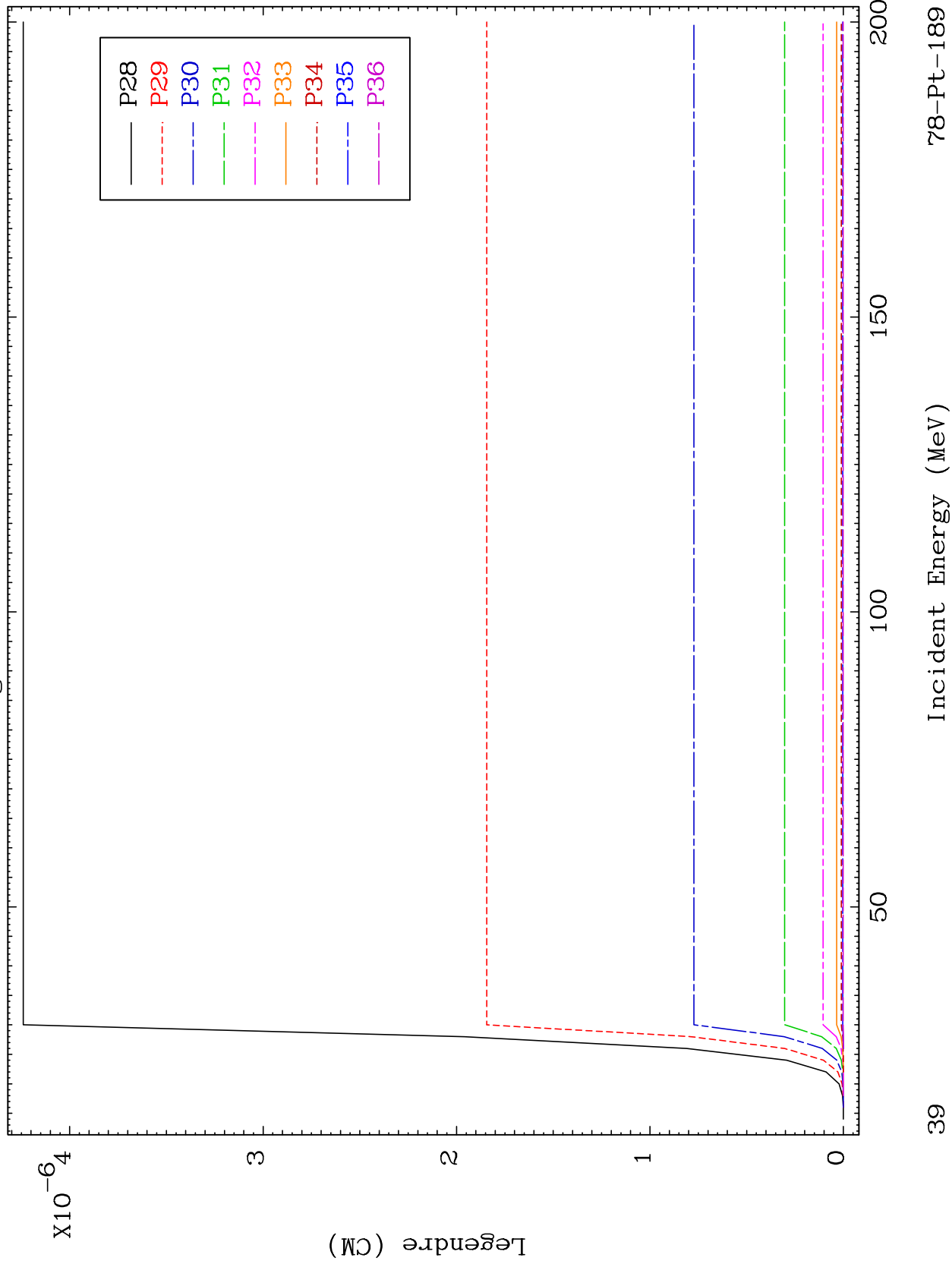
Incident Energy (MeV)

78-Pt-189

MAT 7822

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

78-Pt-189



39

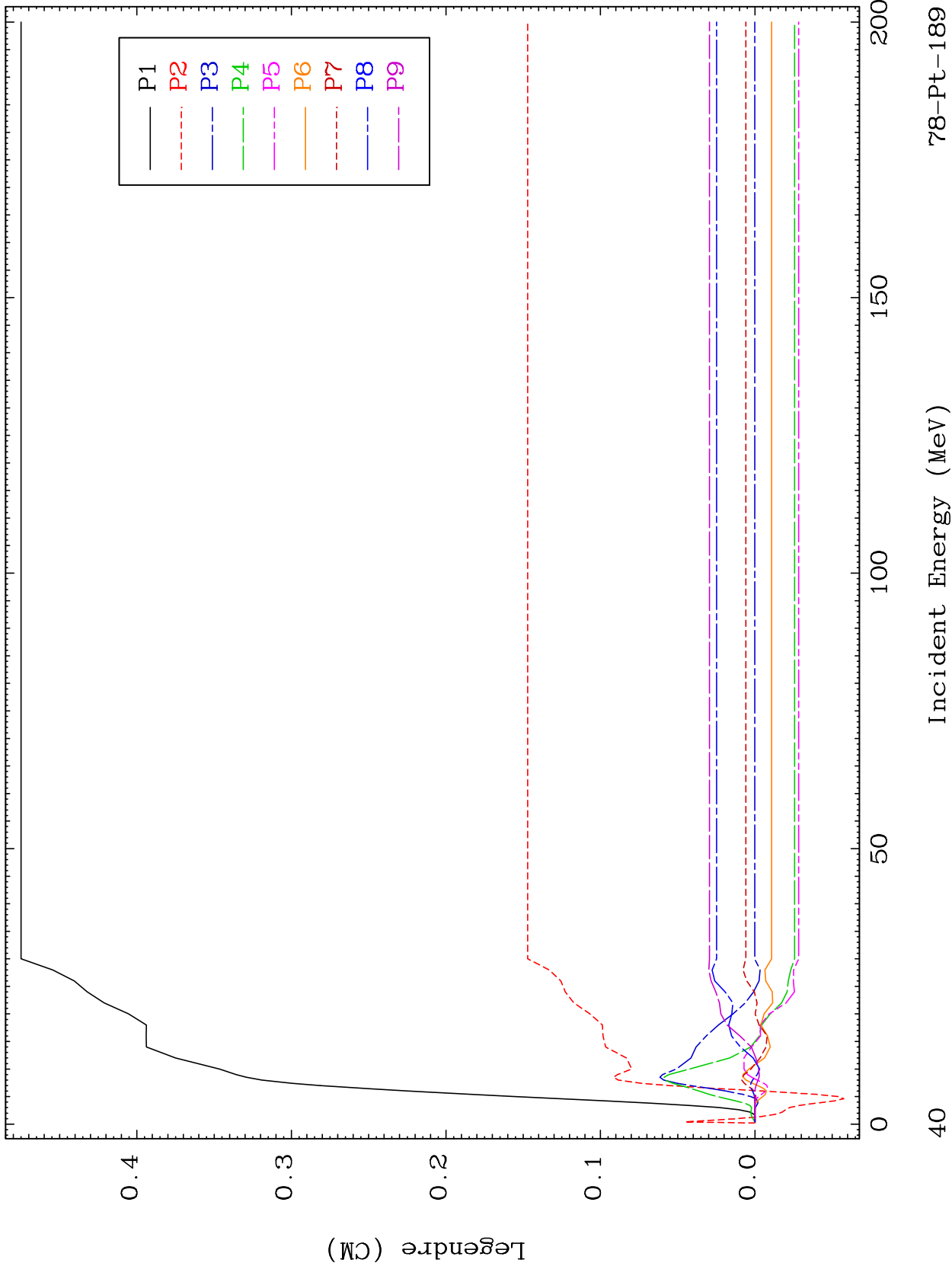
Incident Energy (MeV)

78-Pt-189

MAT 7822

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

78-Pt-189

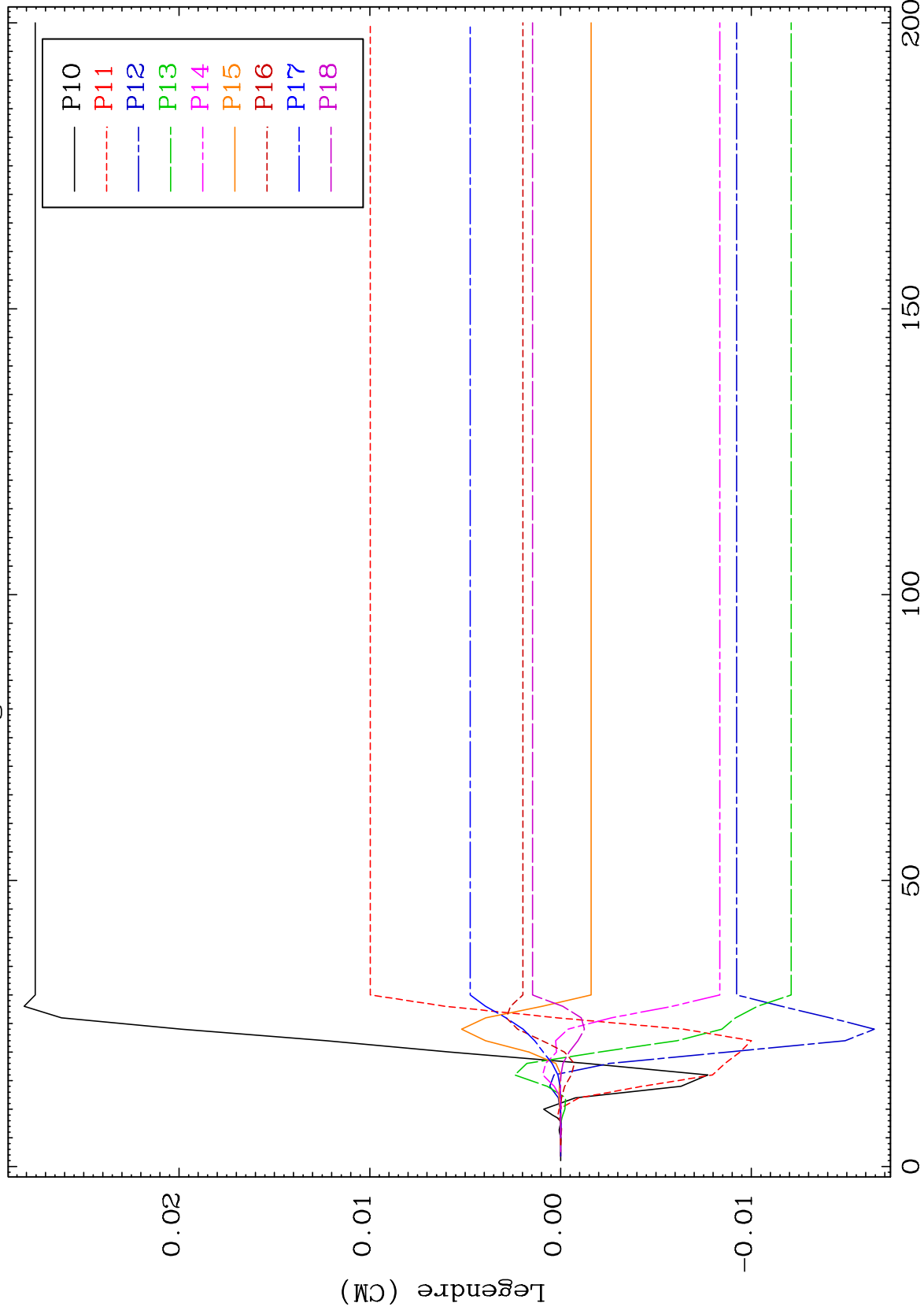


78-Pt-189

MAT 7822

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

78-Pt-189



41

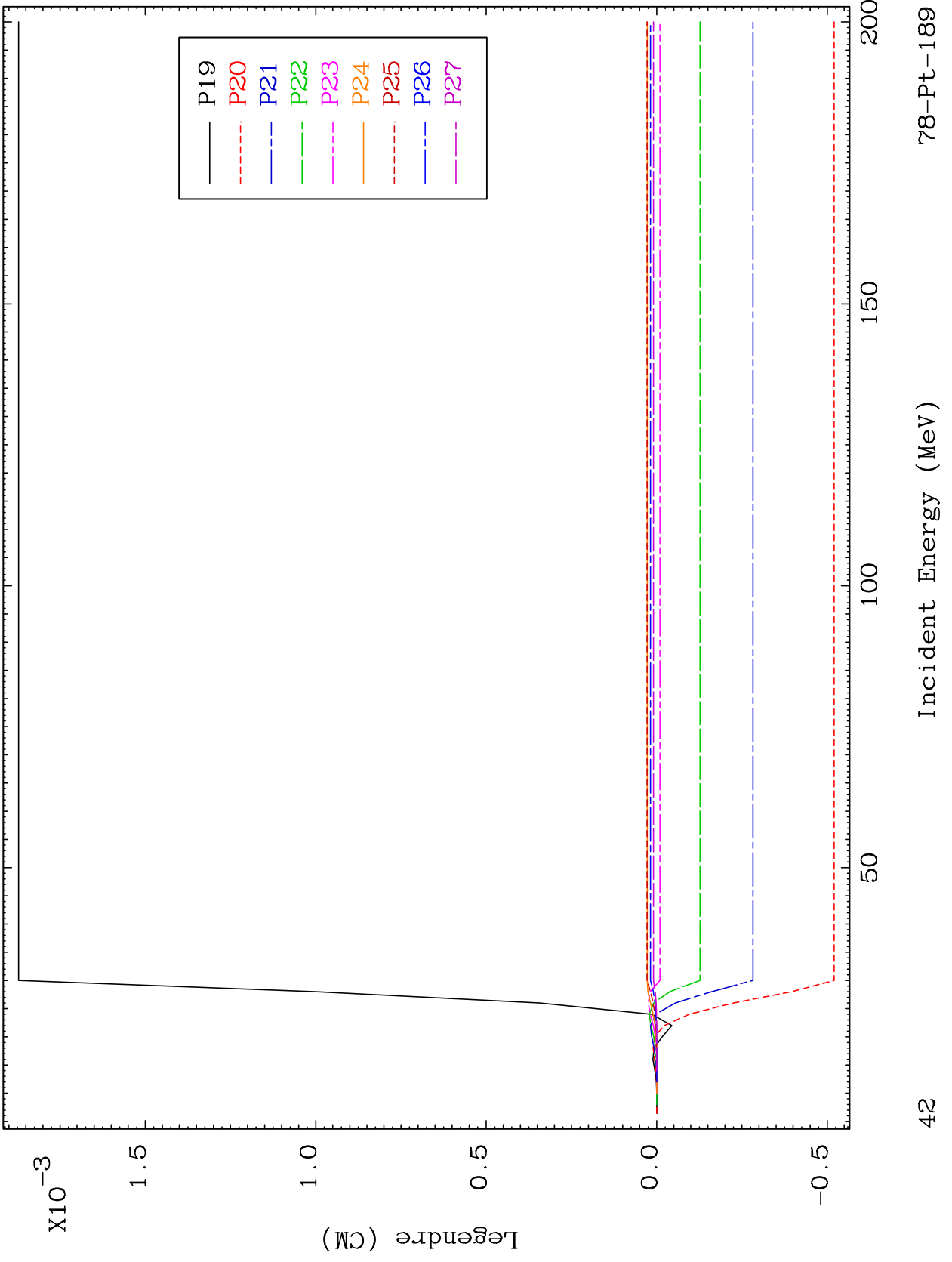
Incident Energy (MeV)

78-Pt-189

MAT 7822

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

78-Pt-189



42

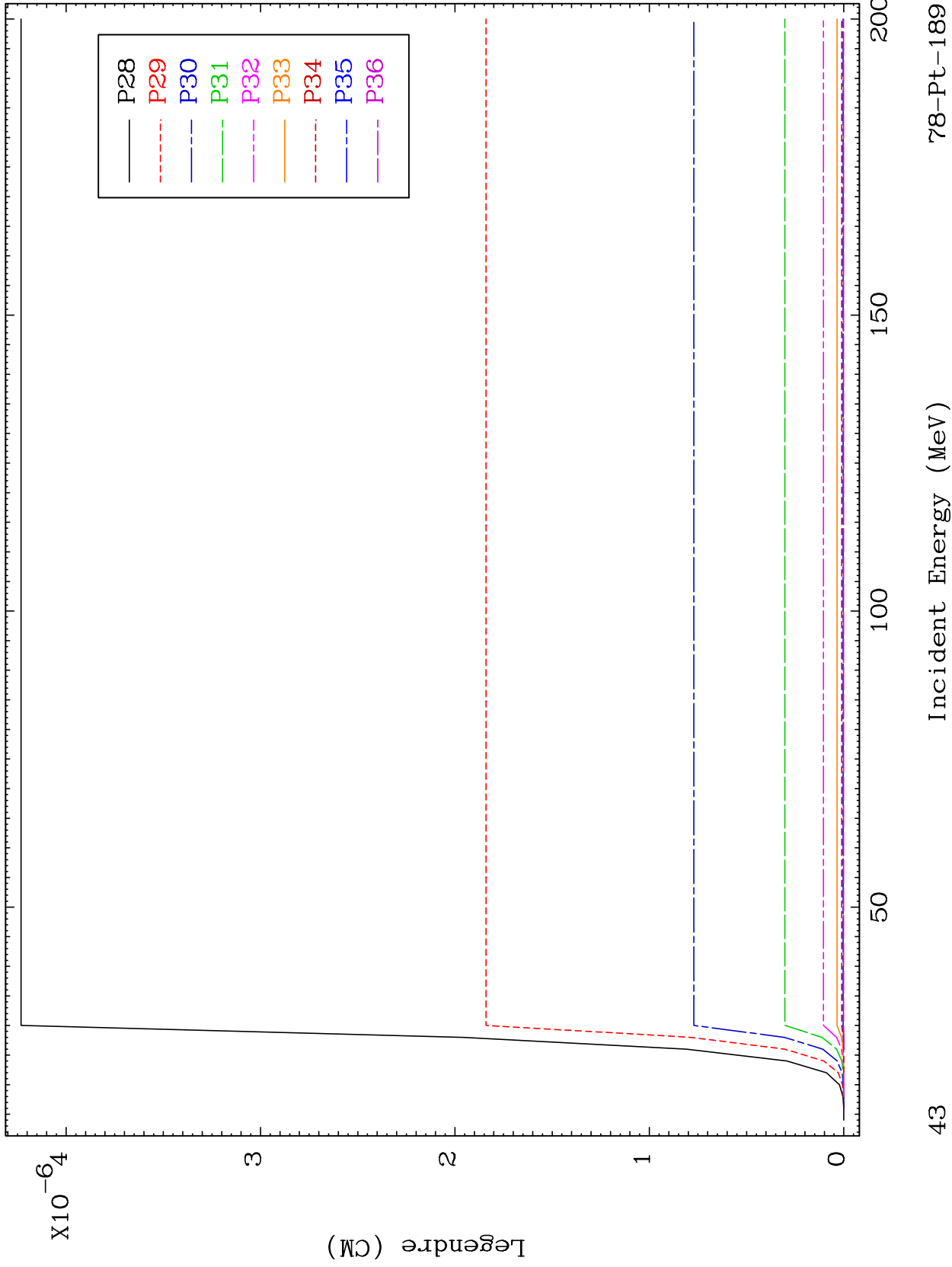
Incident Energy (MeV)

78-Pt-189

MAT 7822

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

78-Pt-189



43

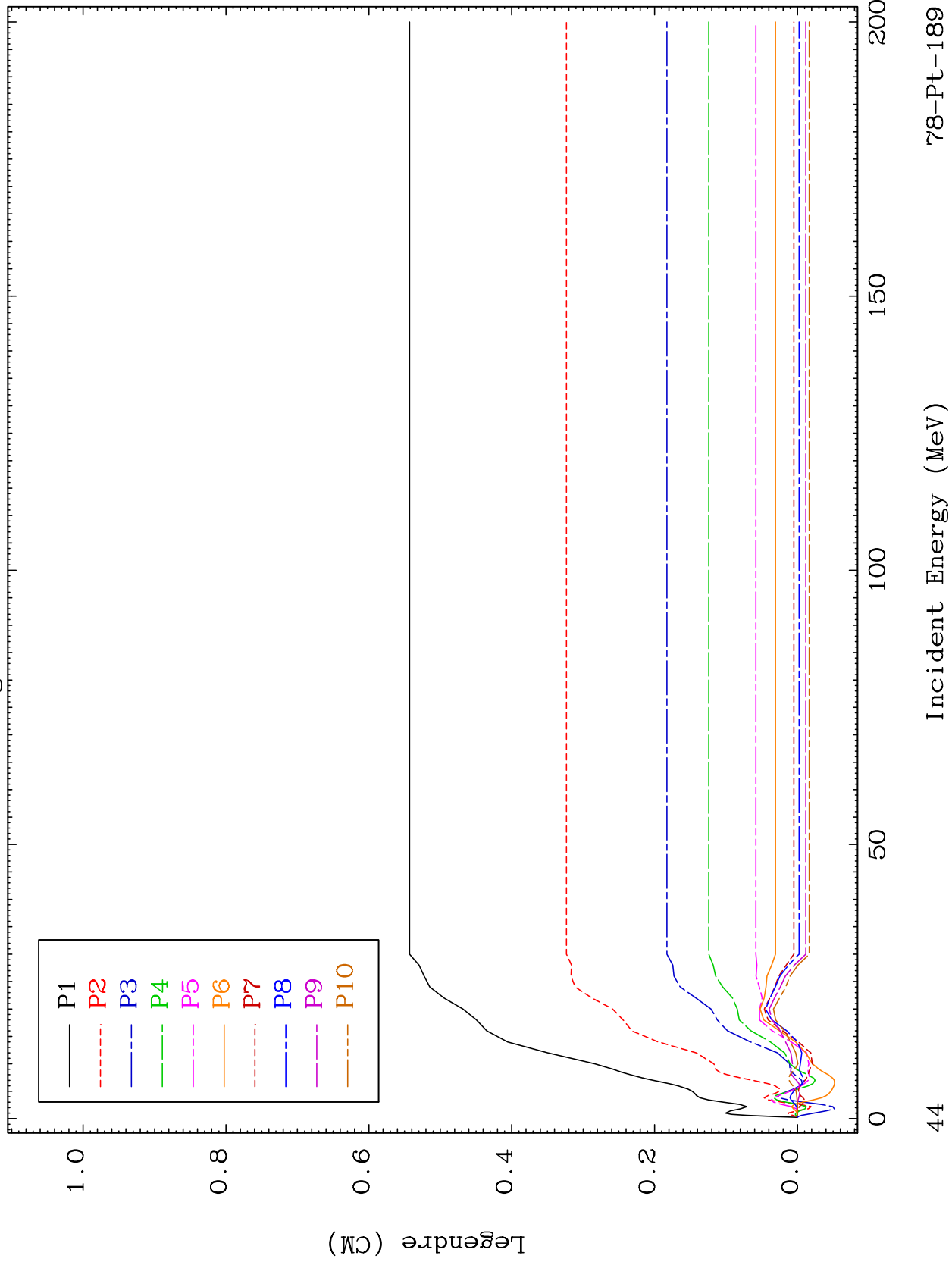
Incident Energy (MeV)

78-Pt-189

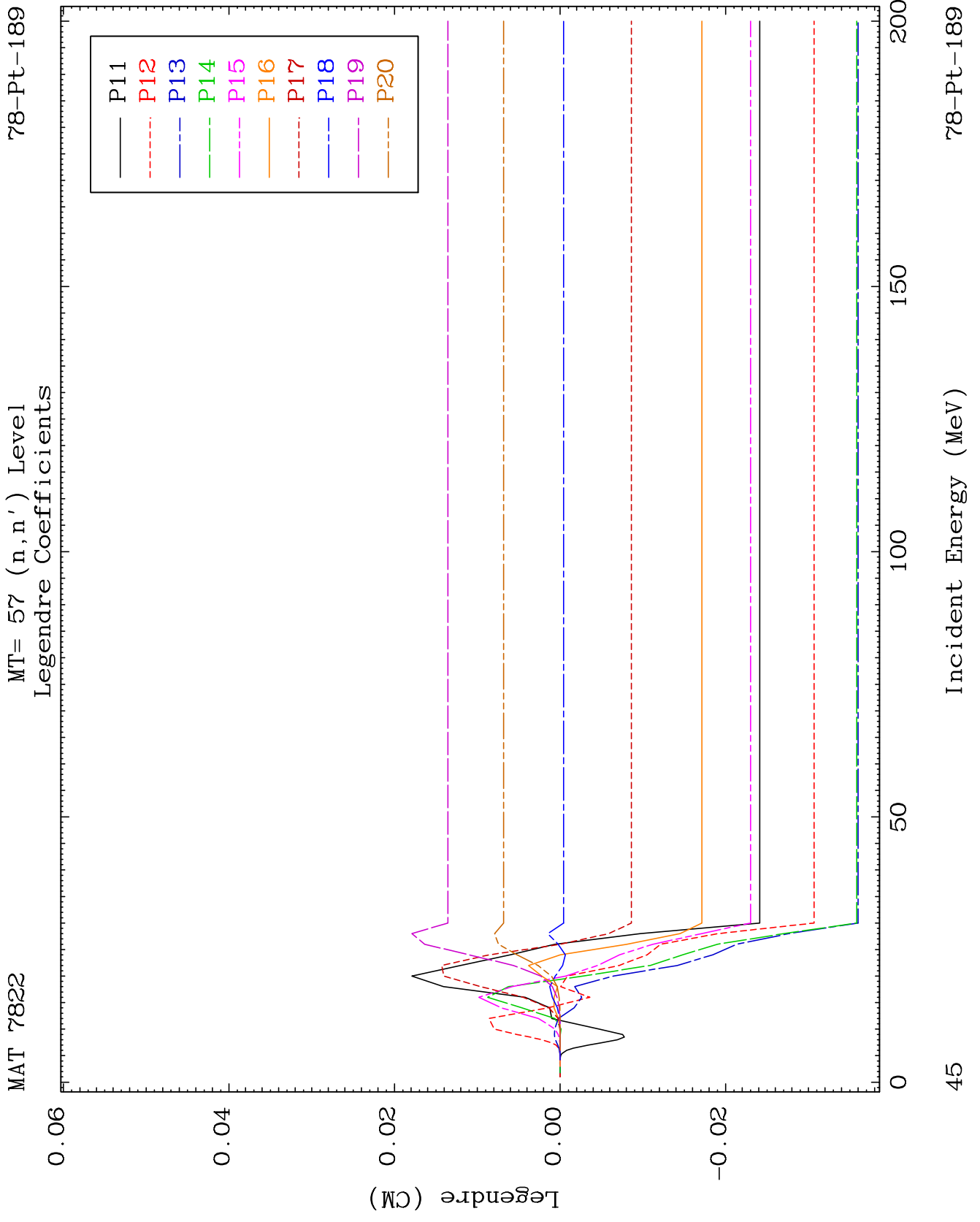
MAT 7822

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

78-Pt-189



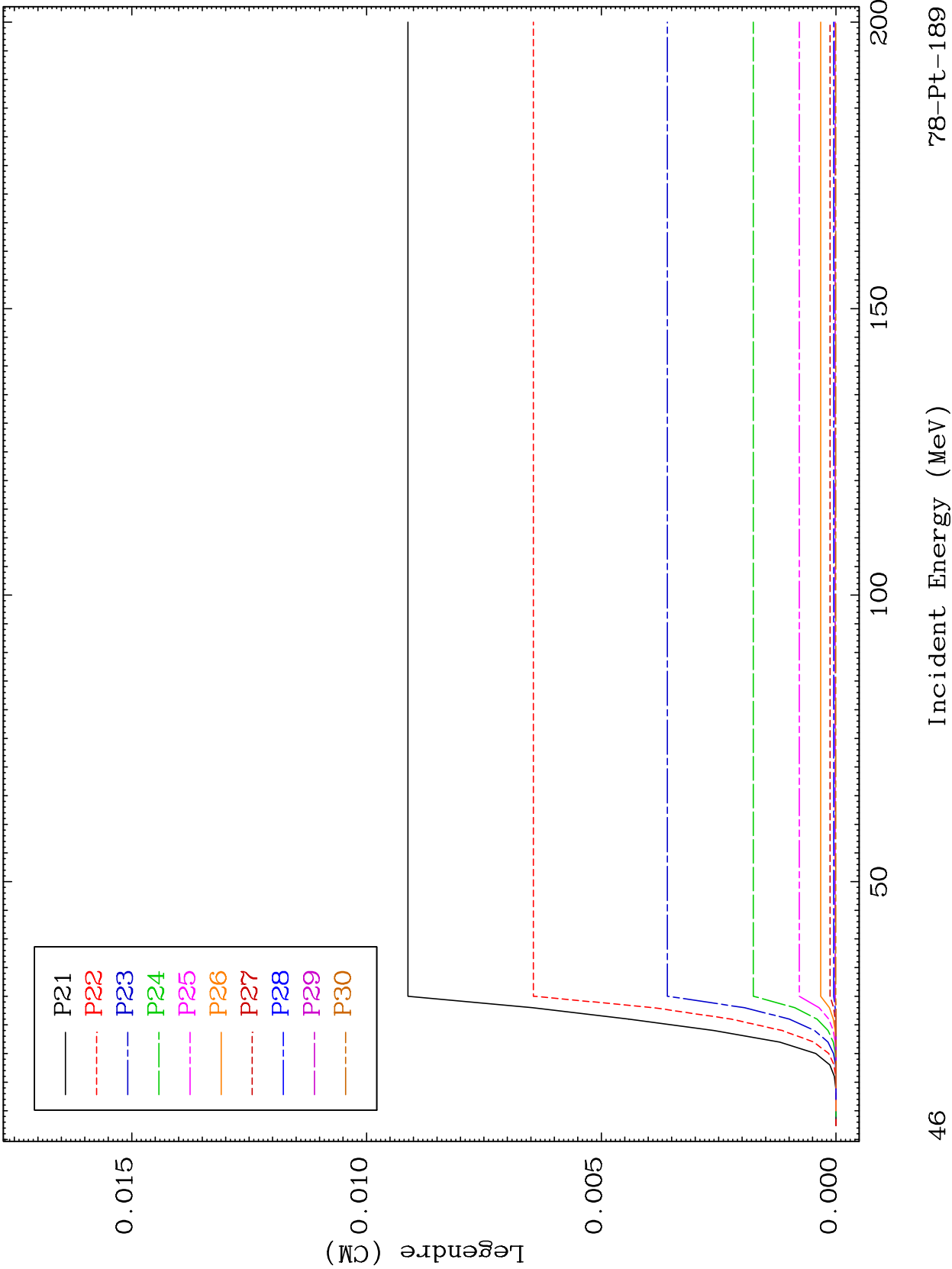
44



MAT 78222

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

78-Pt-189



46

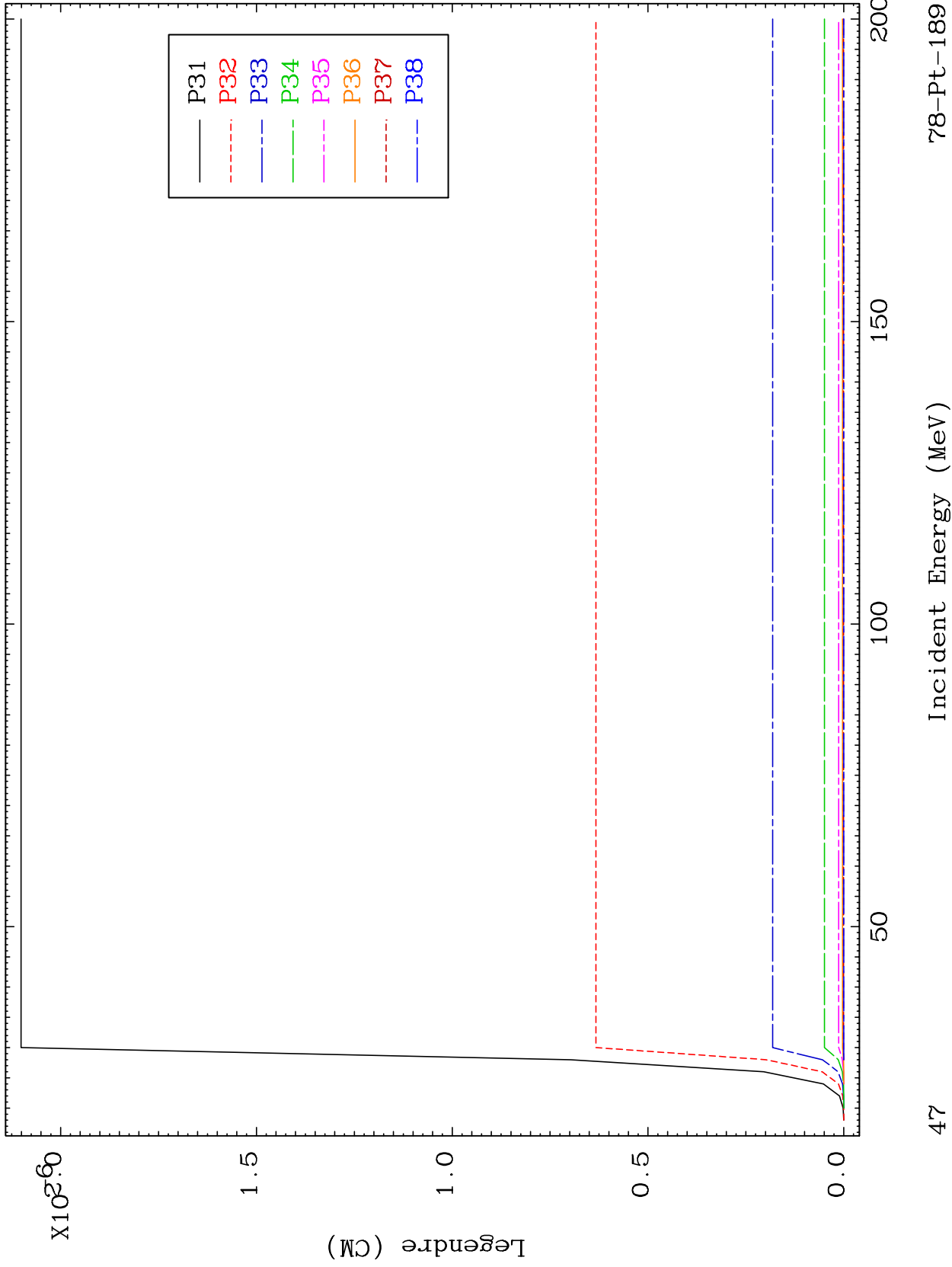
Incident Energy (MeV)

78-Pt-189

MAT 7822

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

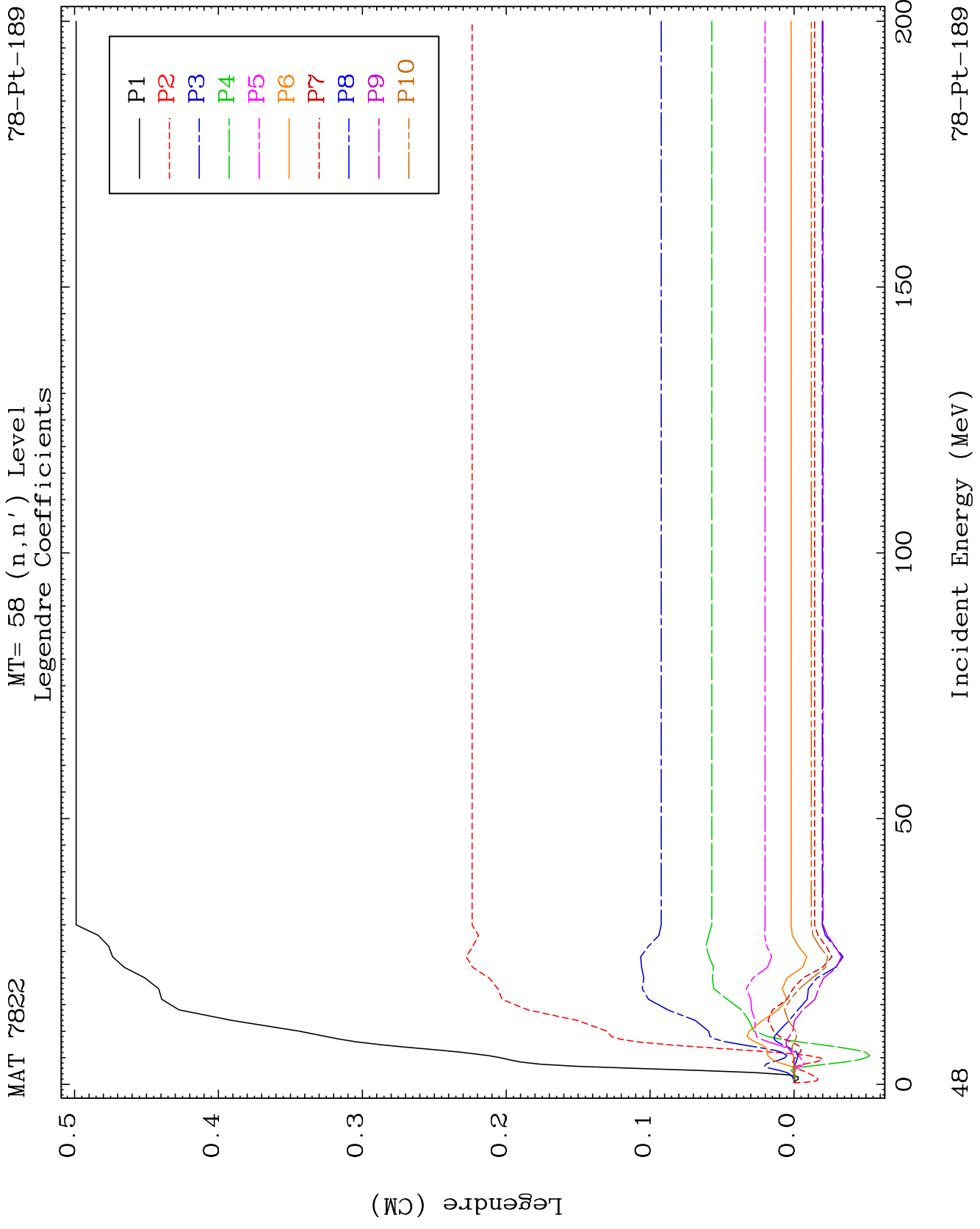
78-Pt-189



47

Incident Energy (MeV)

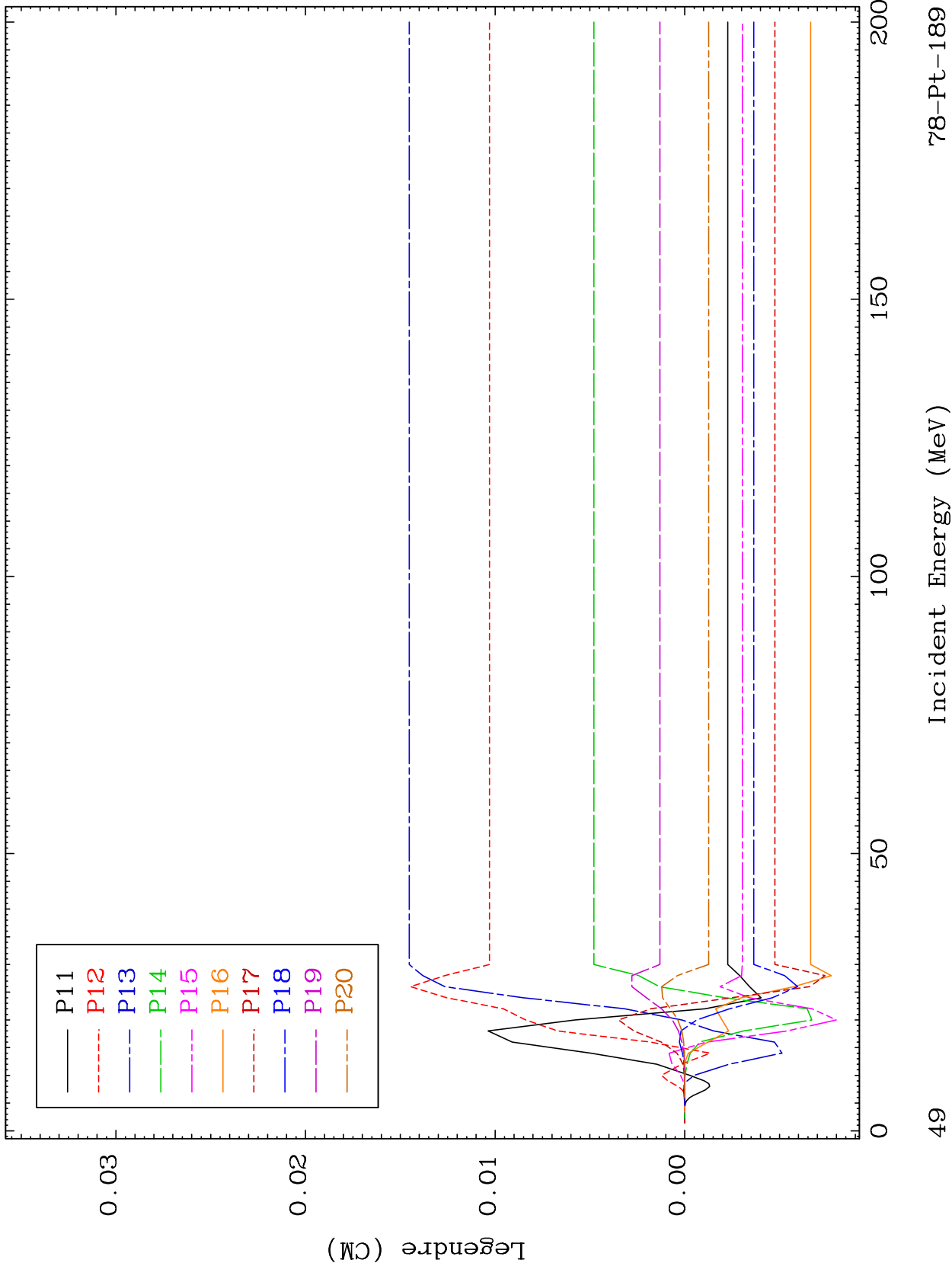
78-Pt-189



MAT 7822

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

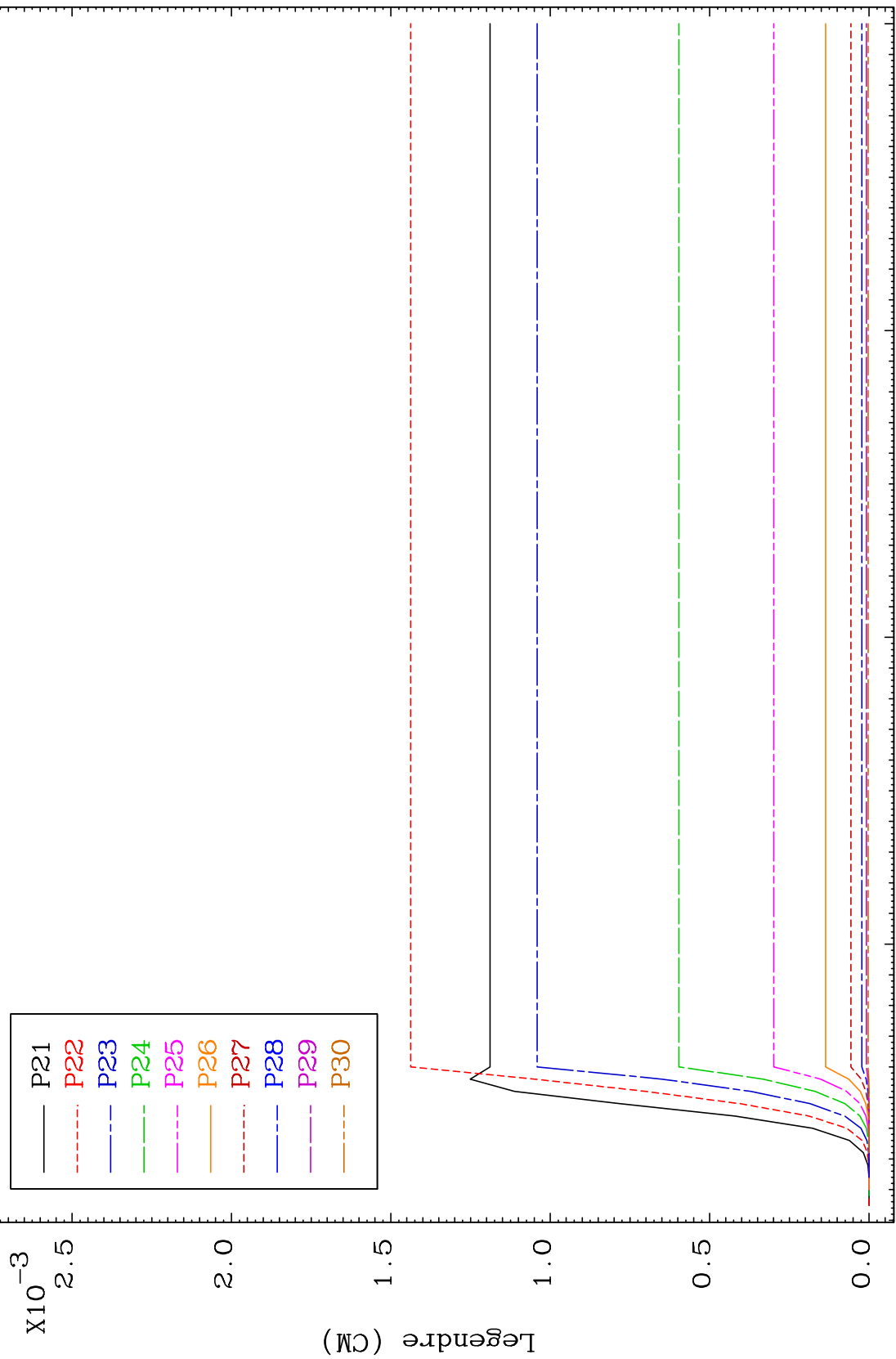
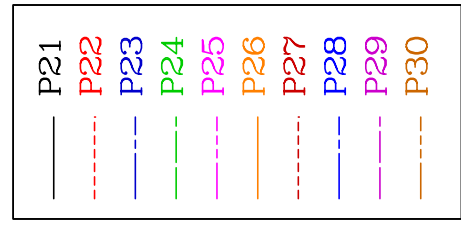
78-Pt-189



MAT 7822

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

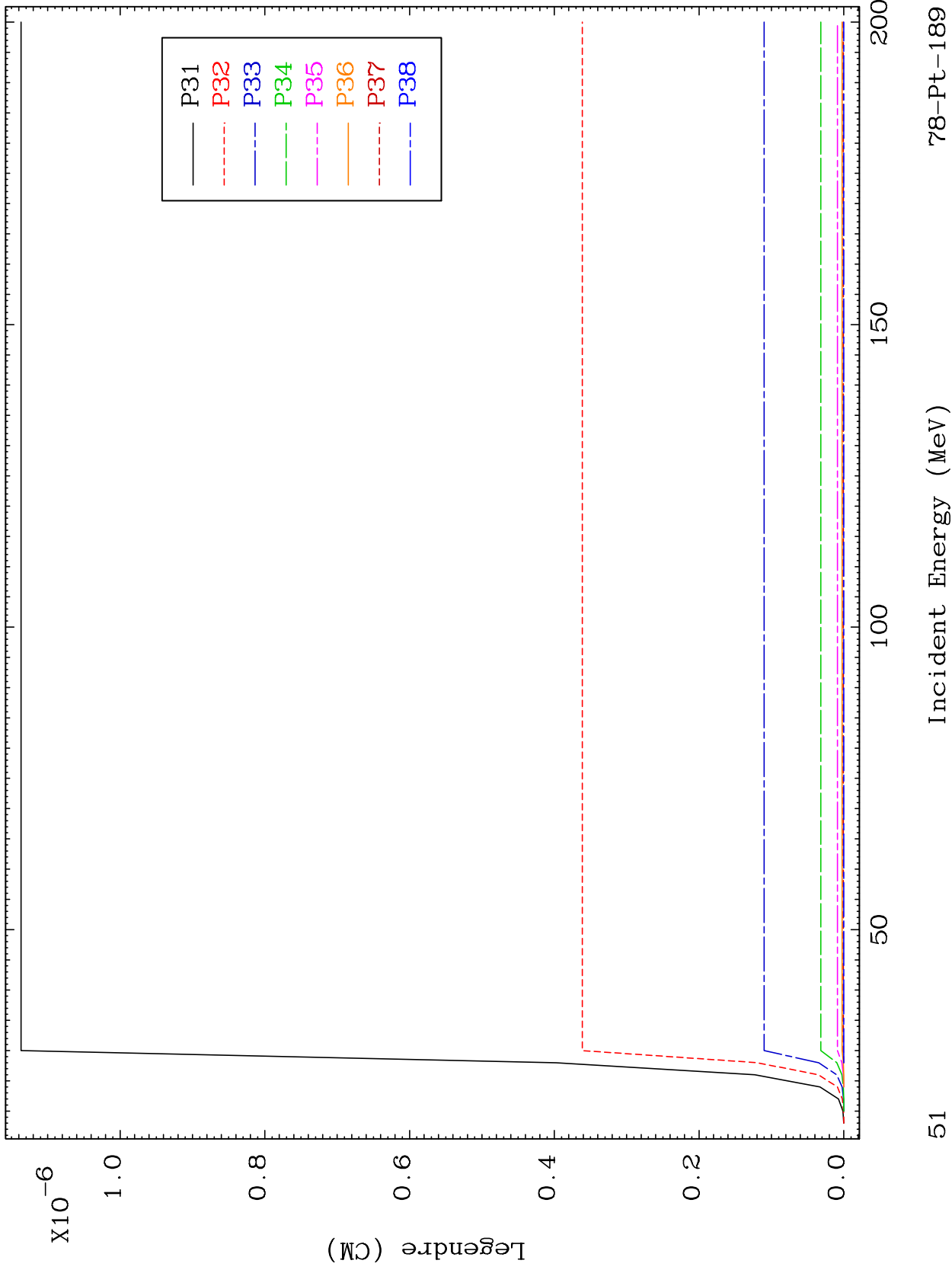
78-Pt-189



50

Incident Energy (MeV)

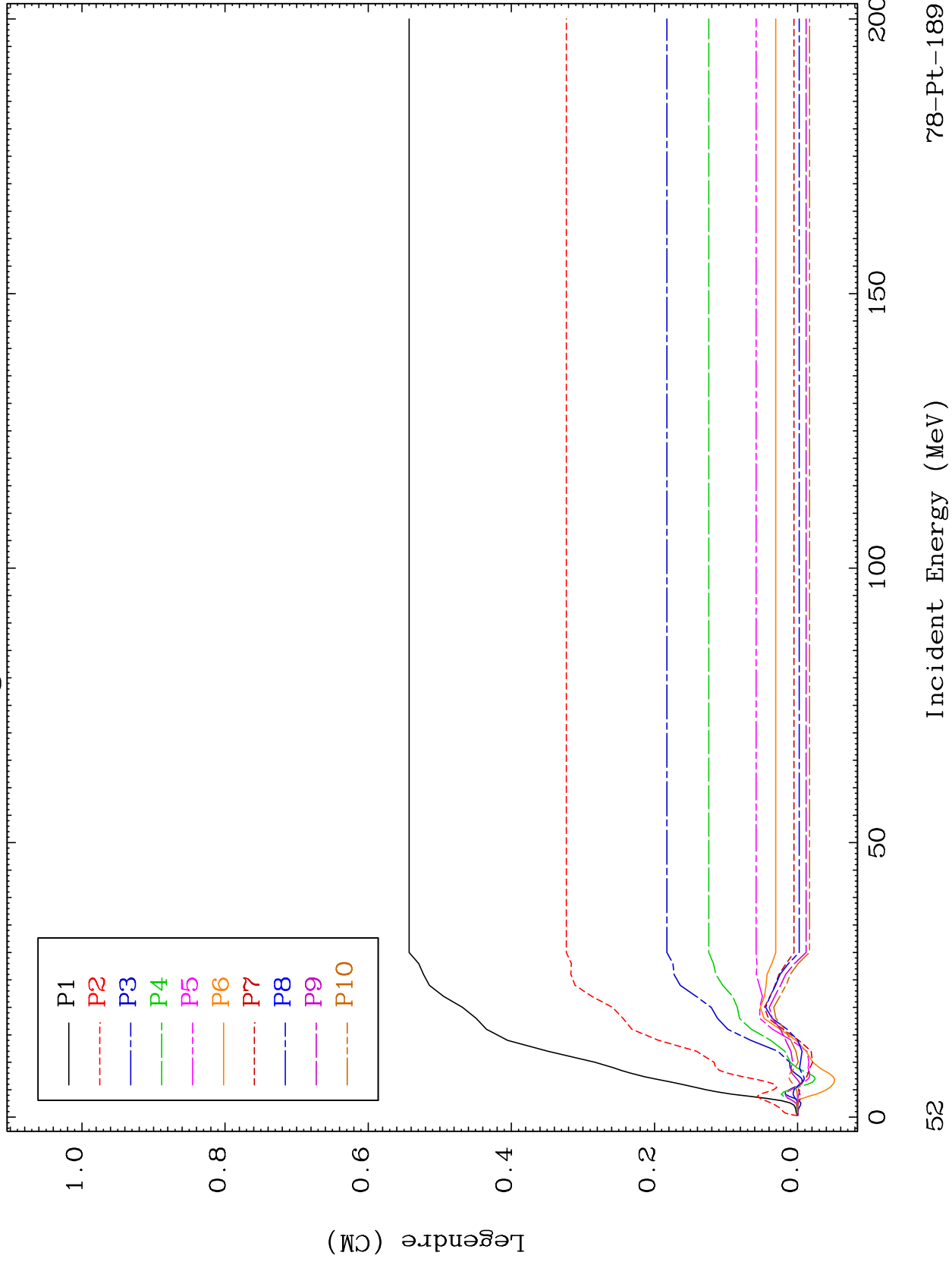
78-Pt-189



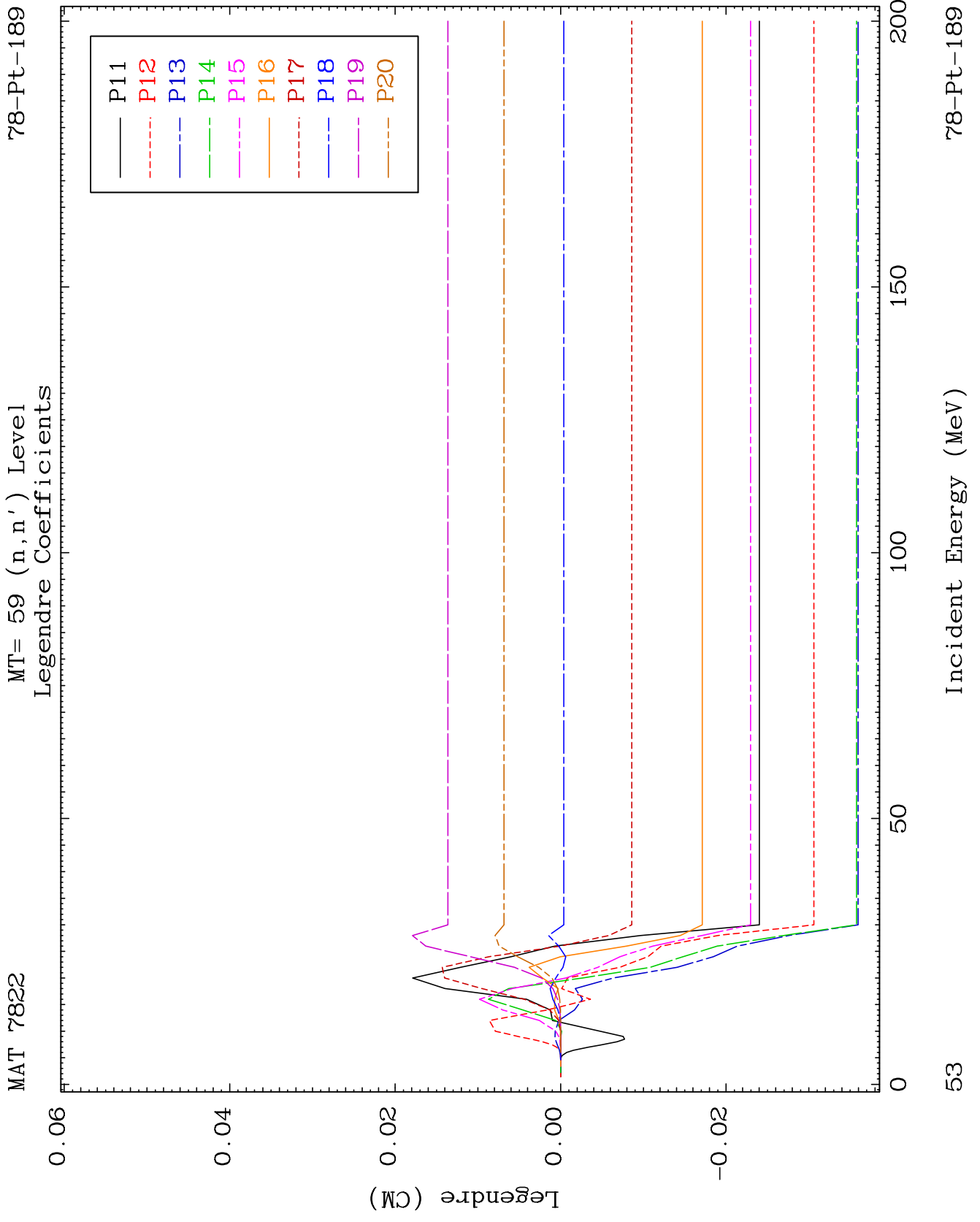
MAT 7822

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

78-Pt-189



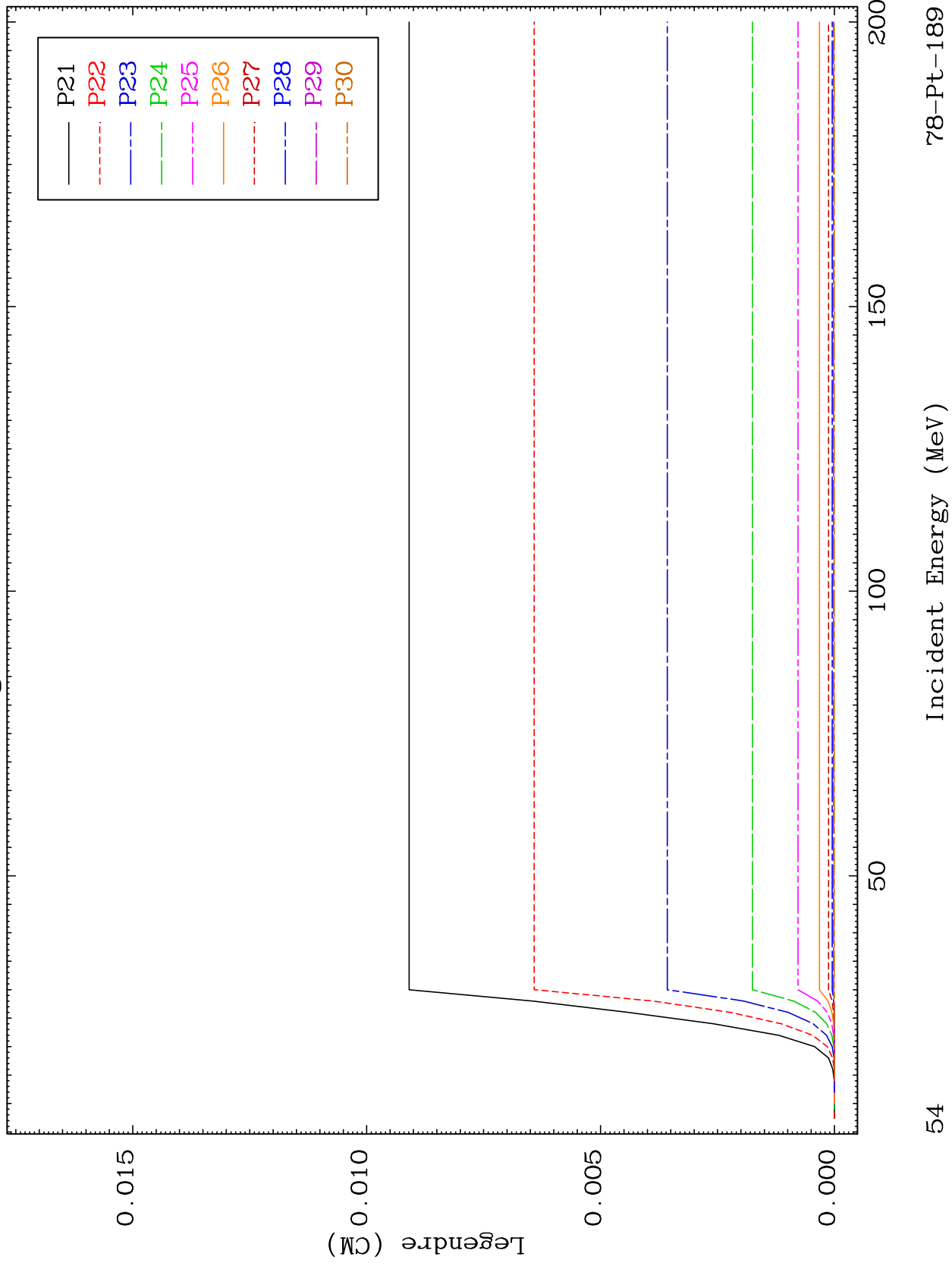
52



MAT 7822

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

78-Pt-189



54

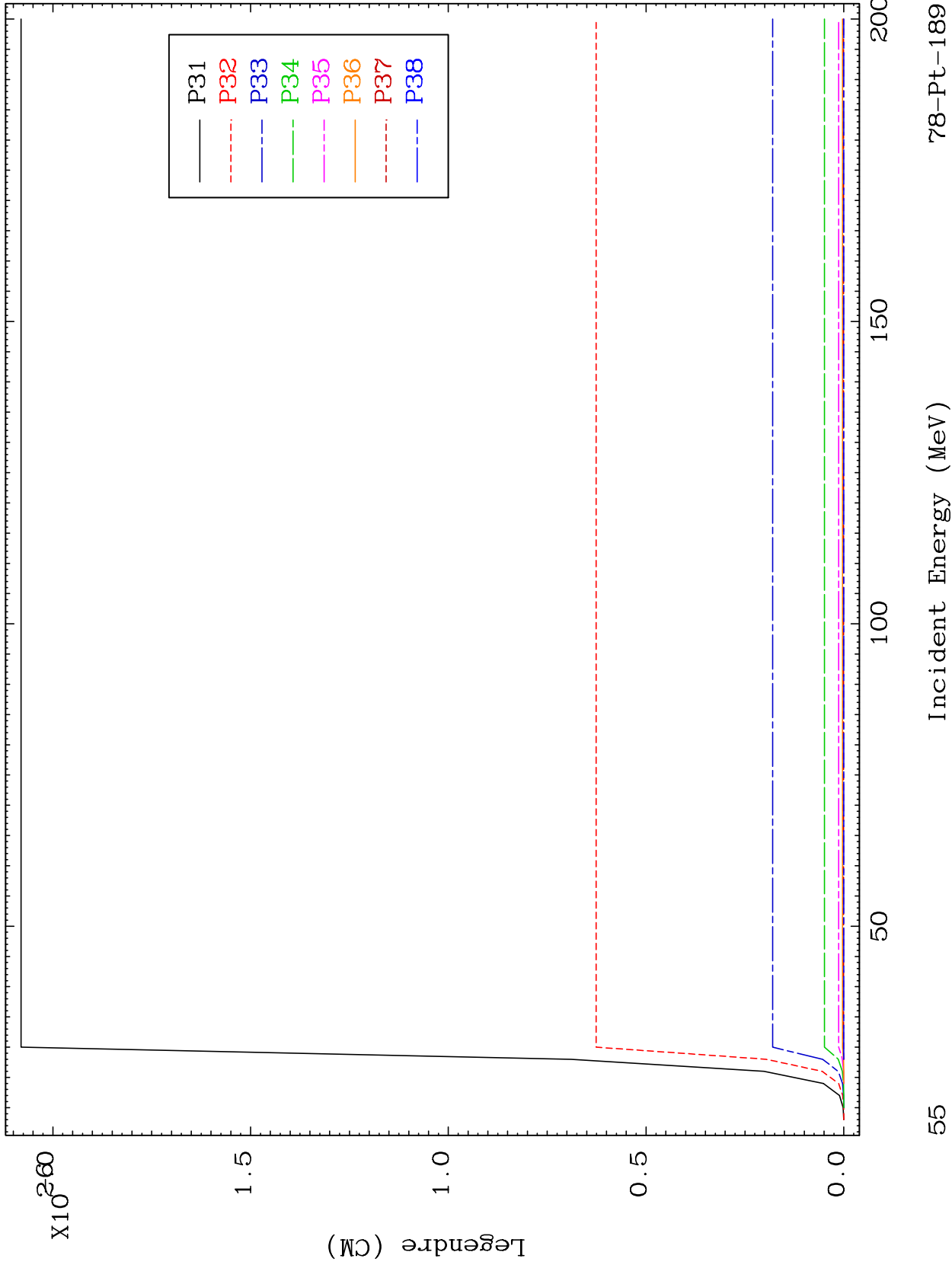
Incident Energy (MeV)

78-Pt-189

MAT 7822

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

78-Pt-189



55

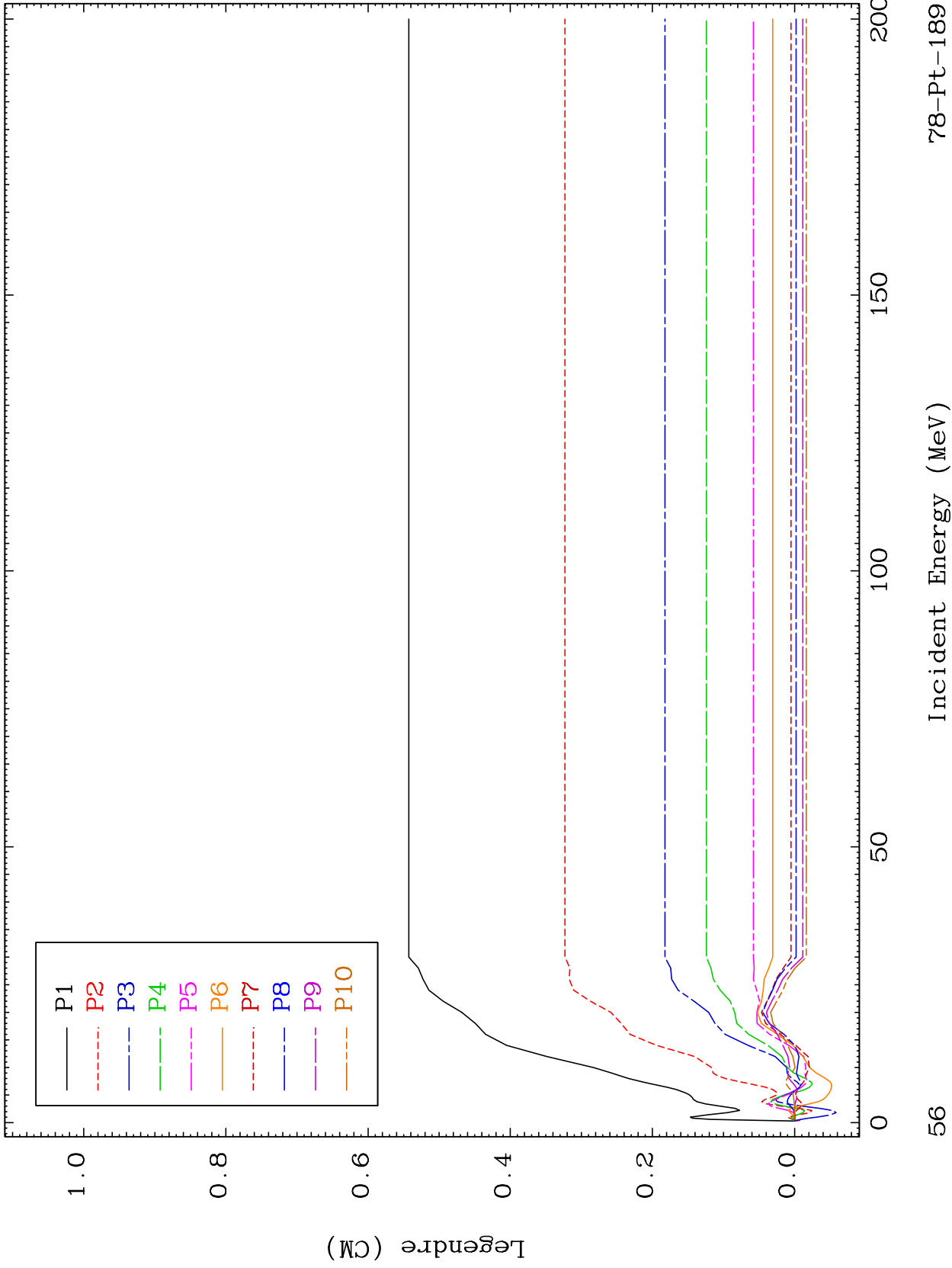
Incident Energy (MeV)

78-Pt-189

MAT 7822

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

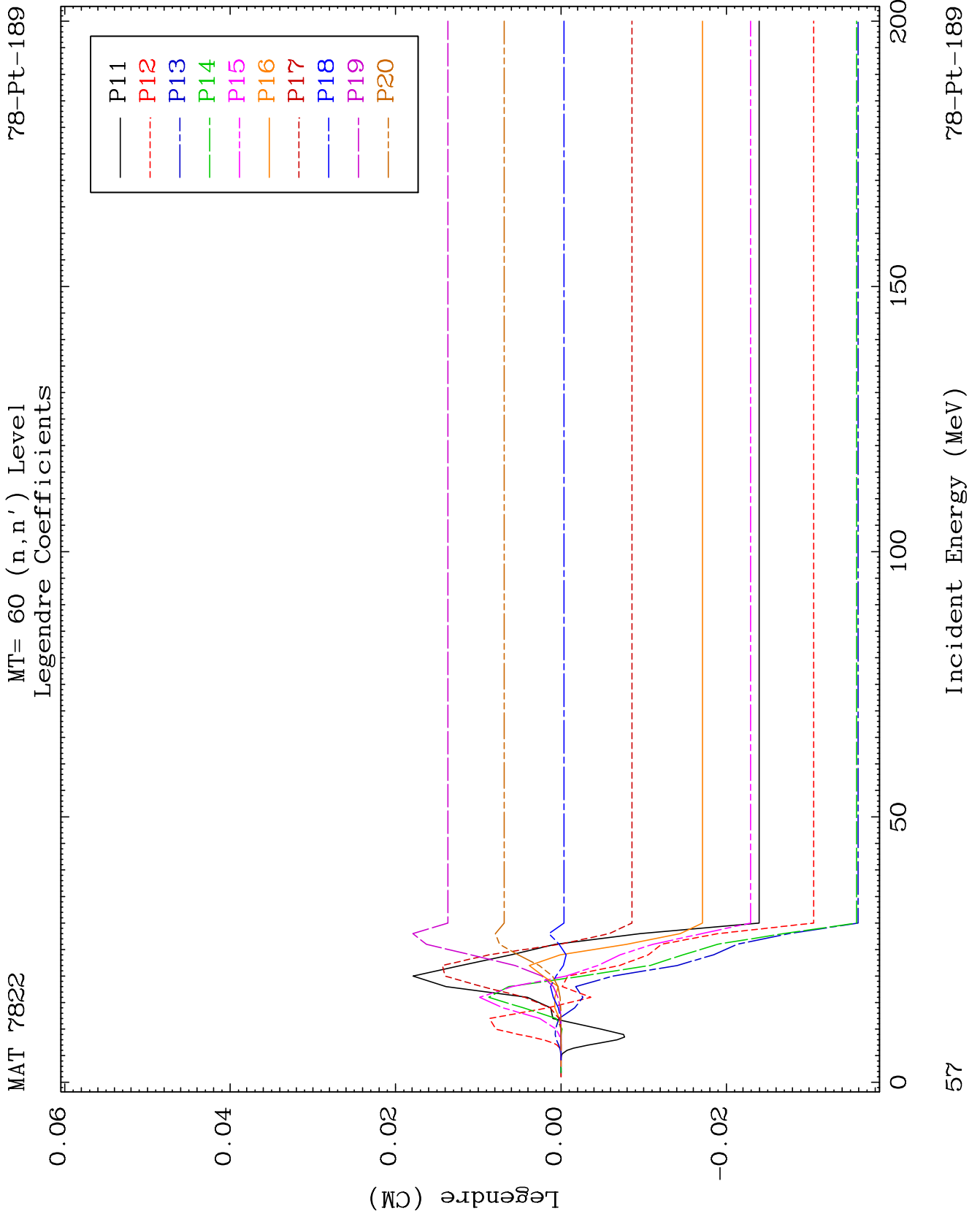
78-Pt-189



56

Incident Energy (MeV)

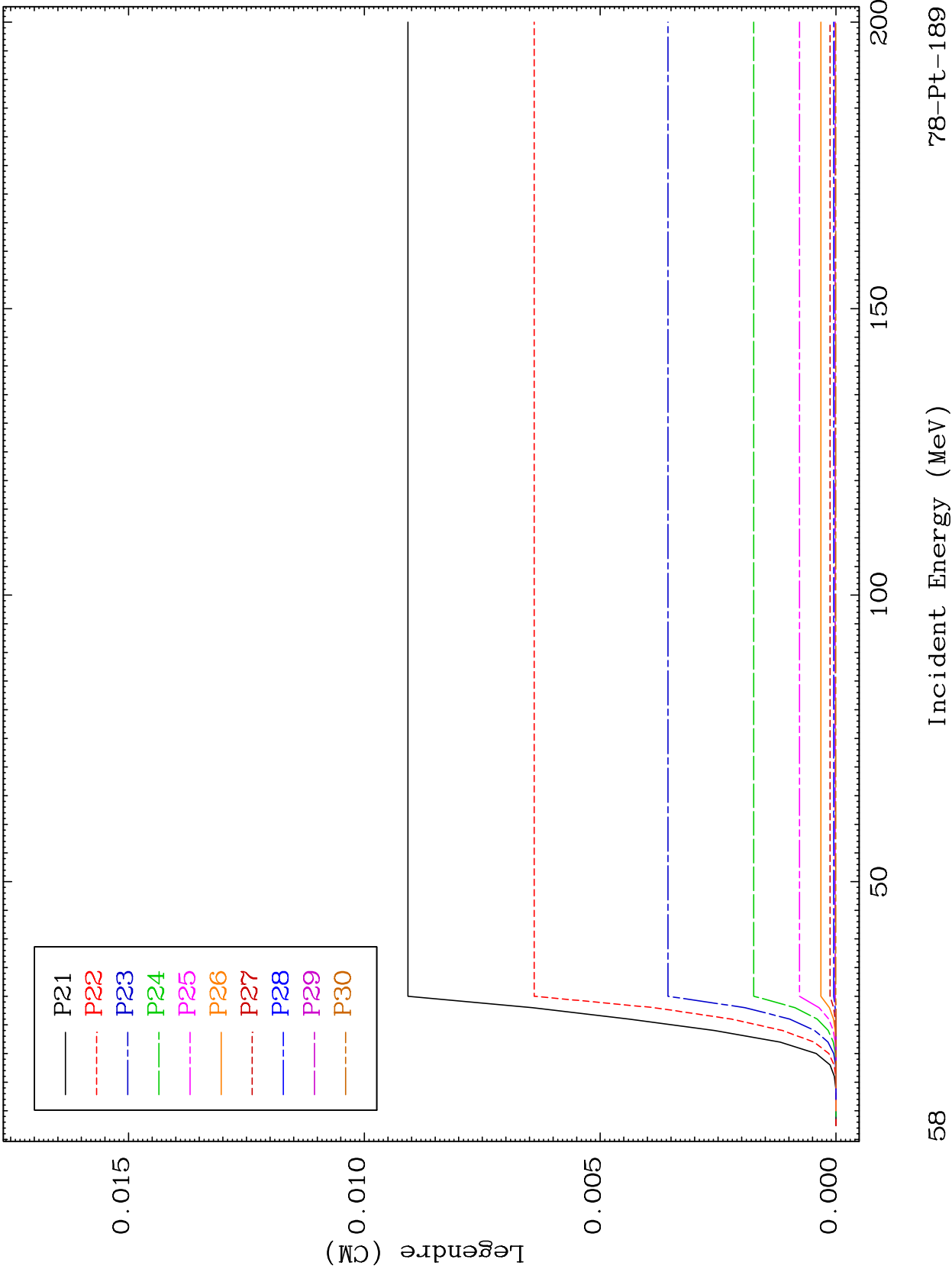
78-Pt-189



MAT 78222

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

78-Pt-189



58

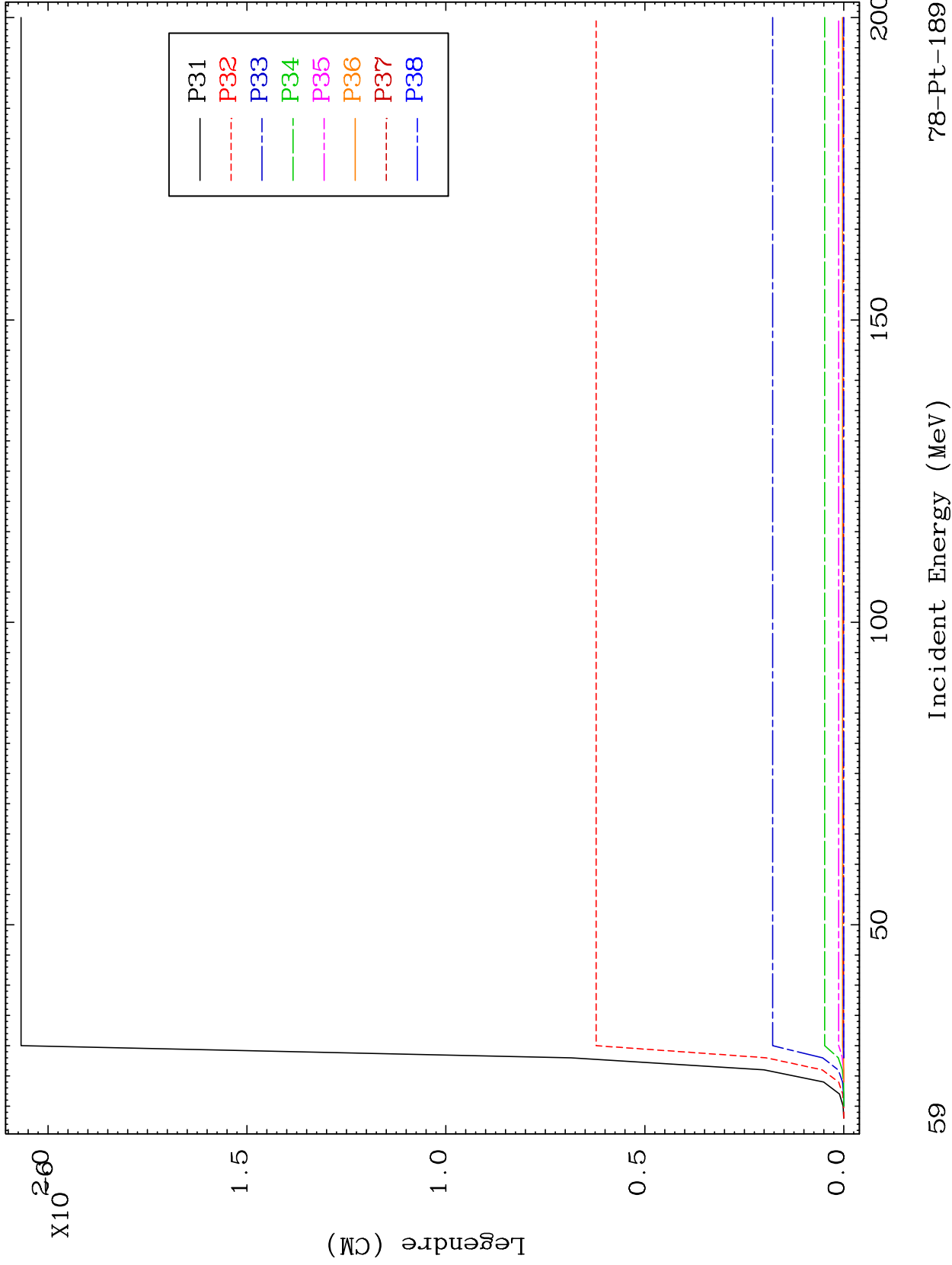
Incident Energy (MeV)

78-Pt-189

MAT 7822

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

78-Pt-189



59

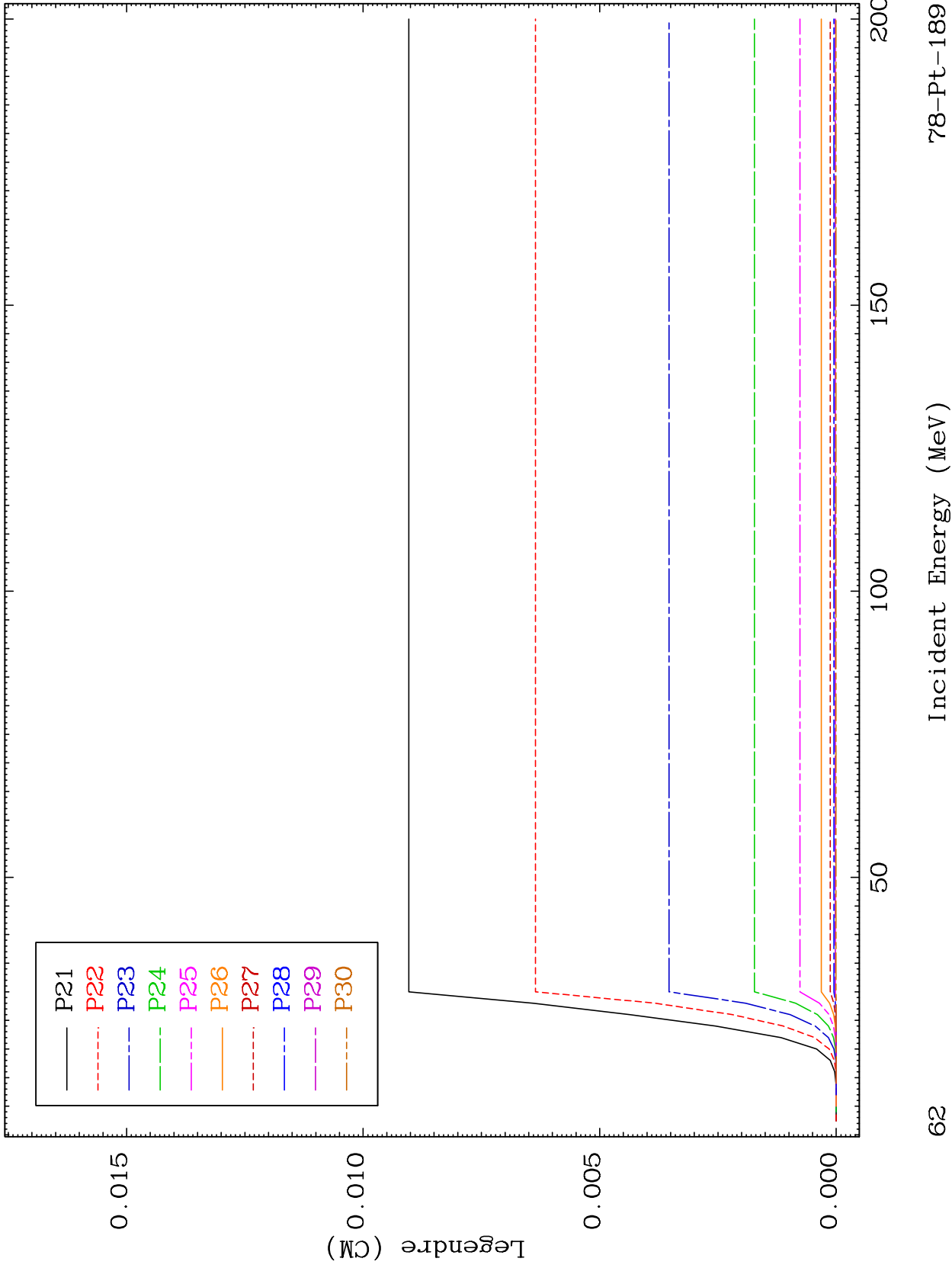
Incident Energy (MeV)

78-Pt-189

MAT 78222

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

78-Pt-189



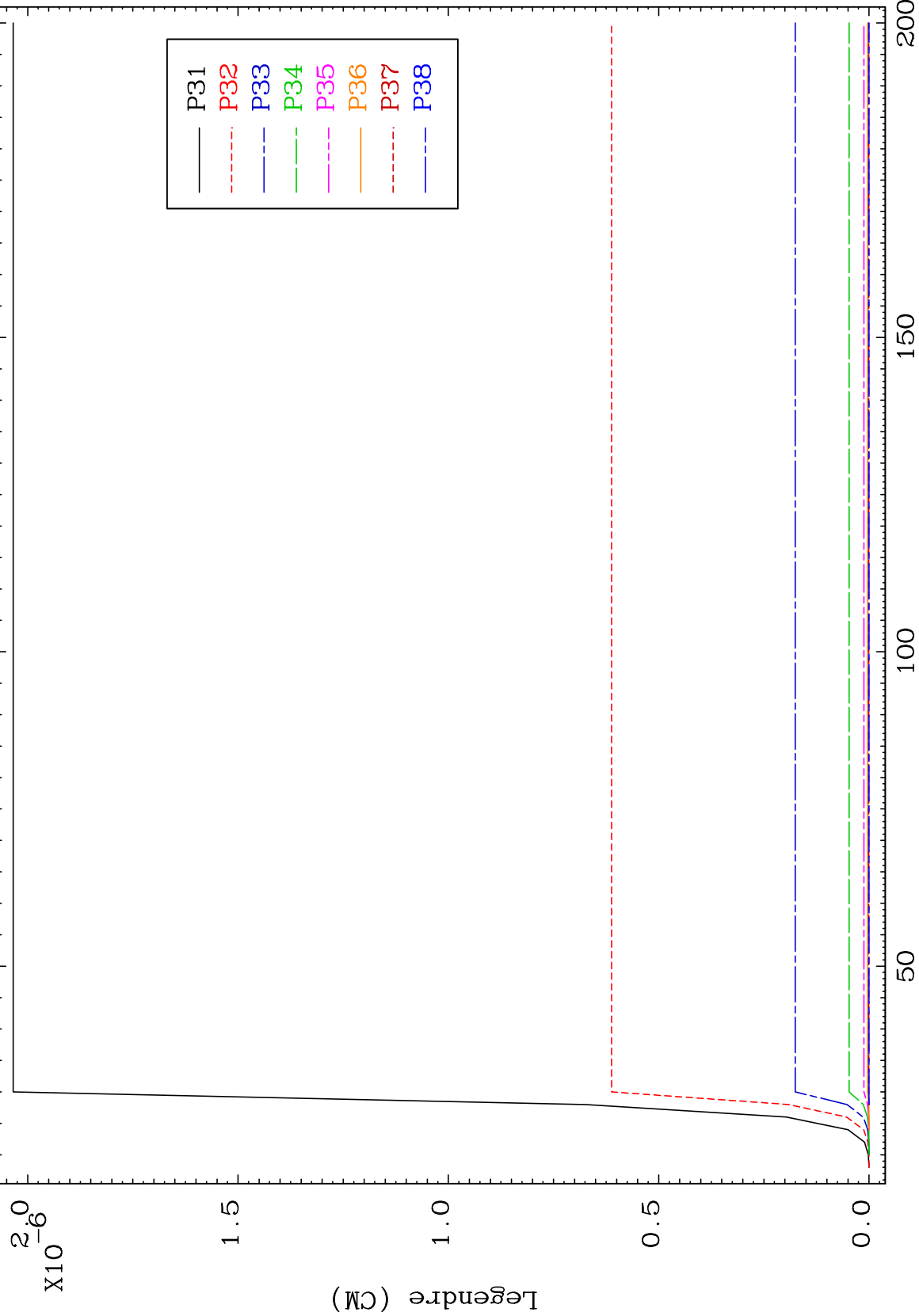
62

78-Pt-189

MAT 7822

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

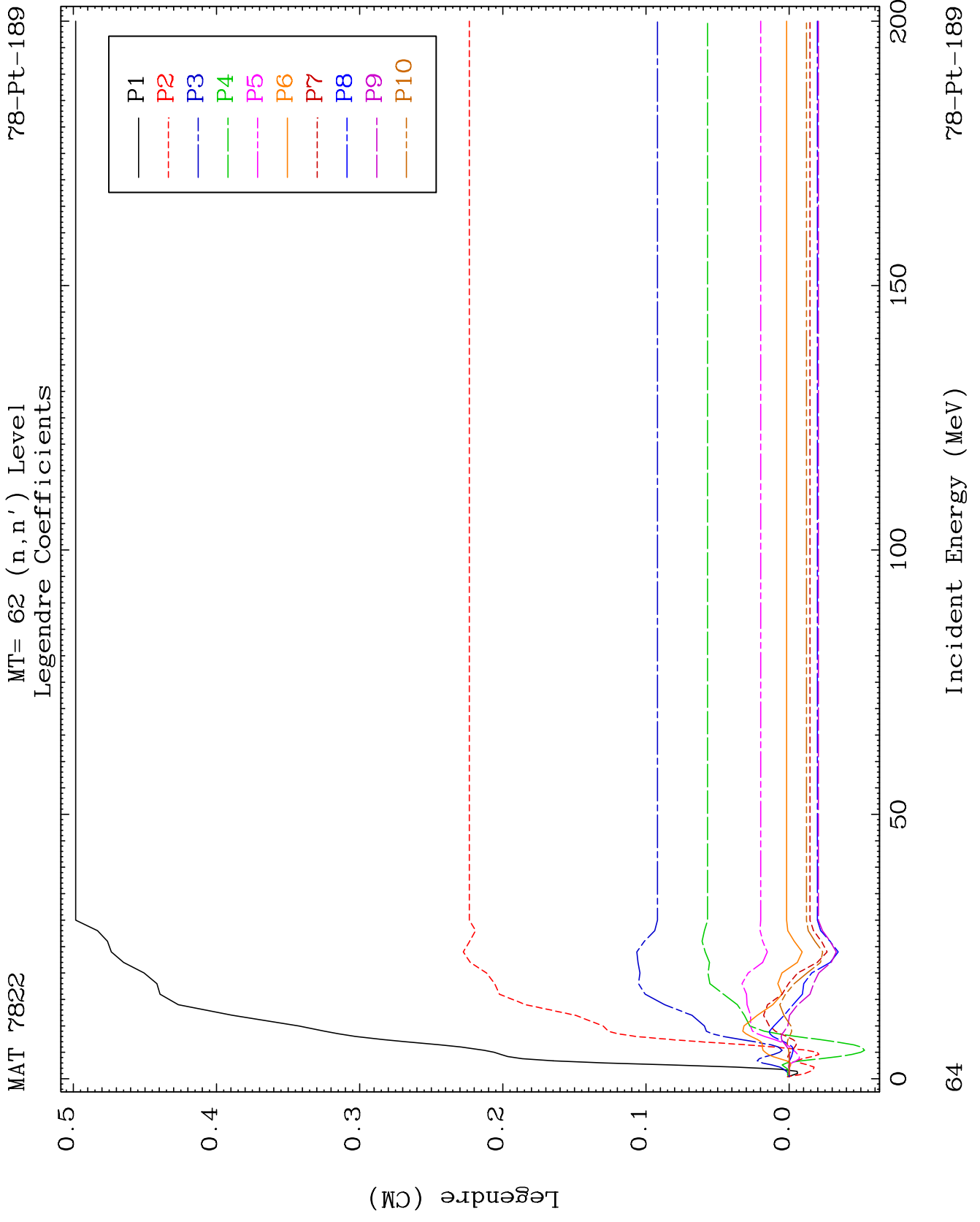
78-Pt-189



63

Incident Energy (MeV)

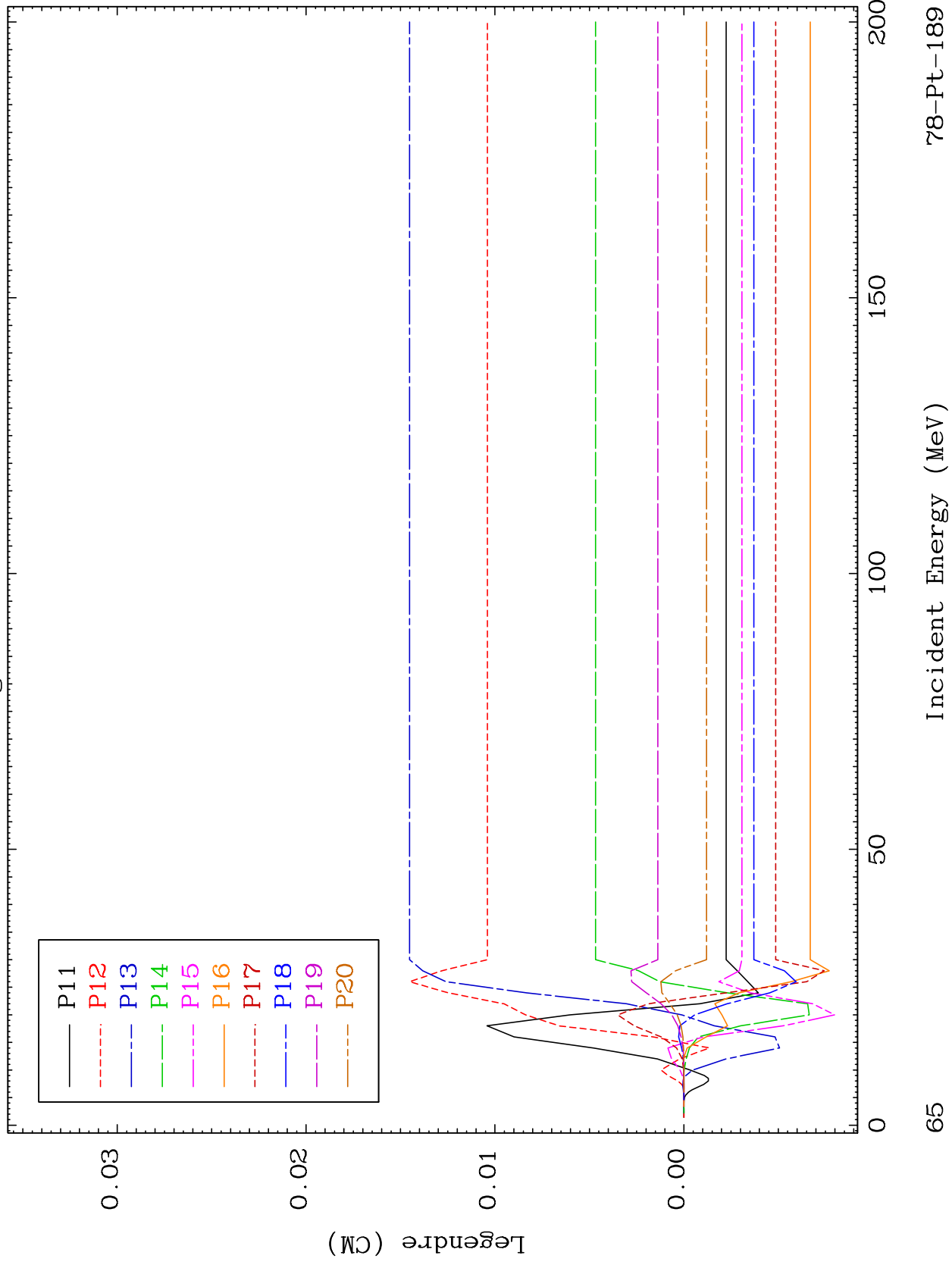
78-Pt-189



MAT 7822

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

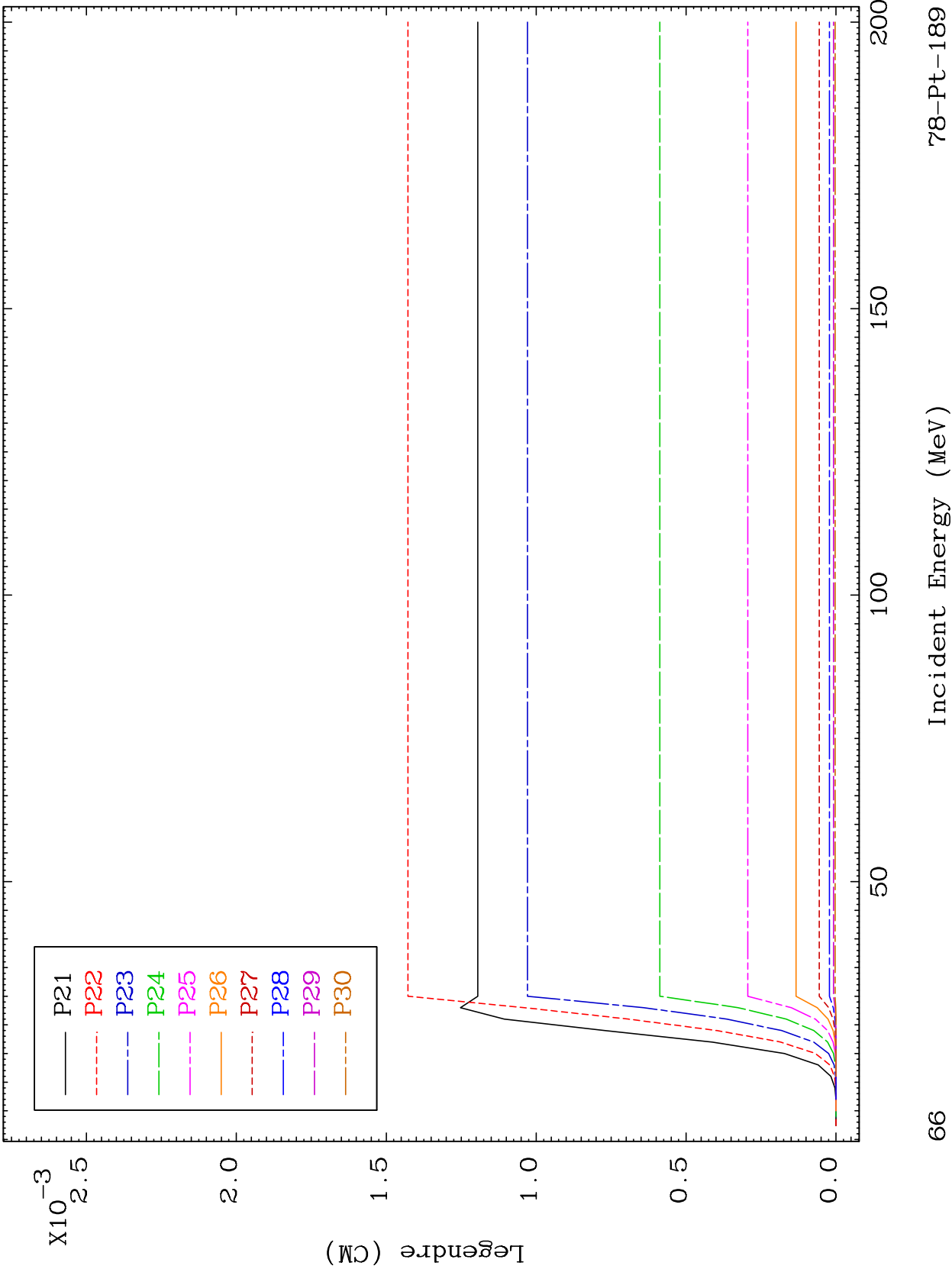
78-Pt-189



78-Pt-189

Incident Energy (MeV)

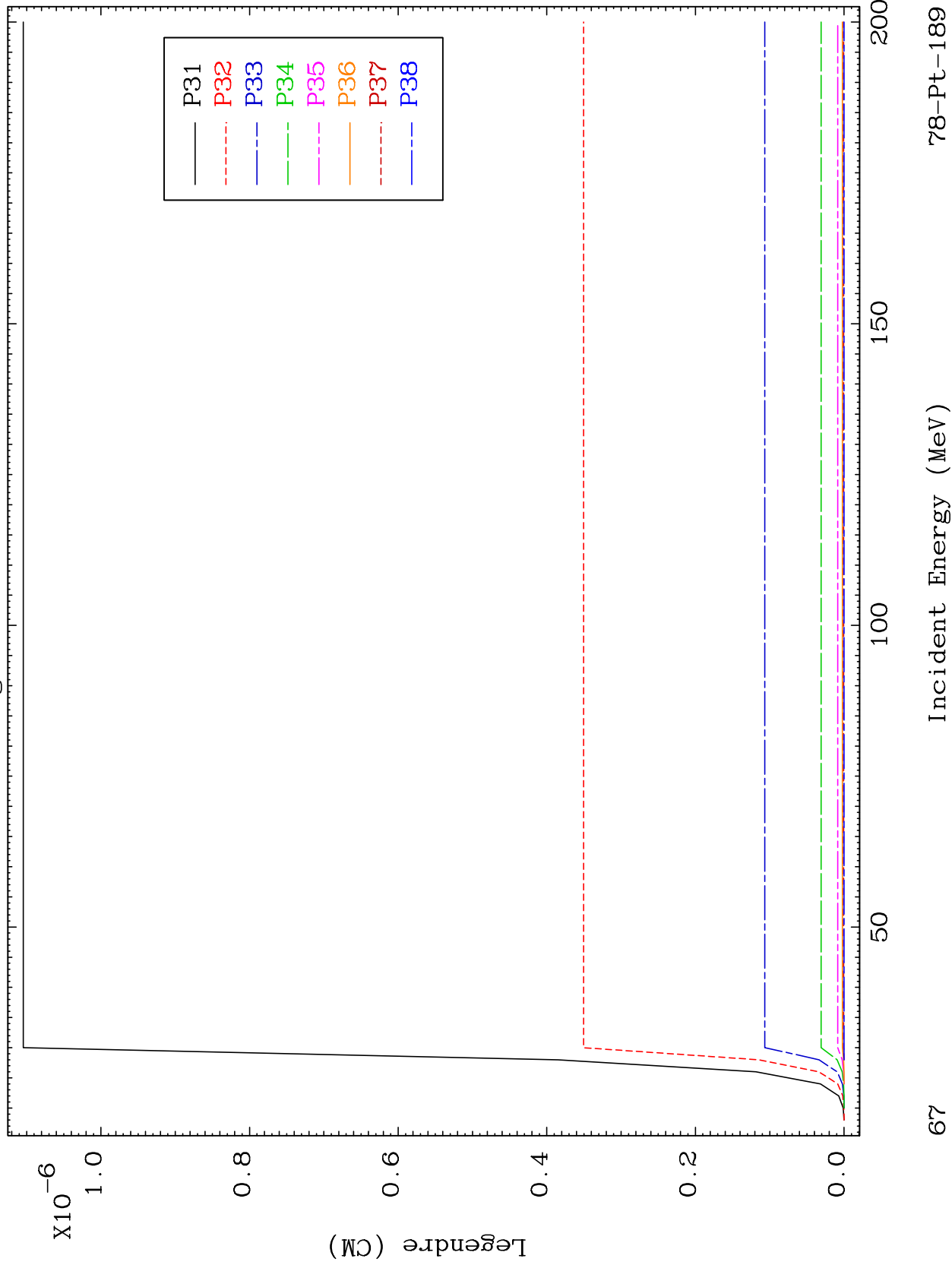
65



MAT 7822

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

78-Pt-189



67

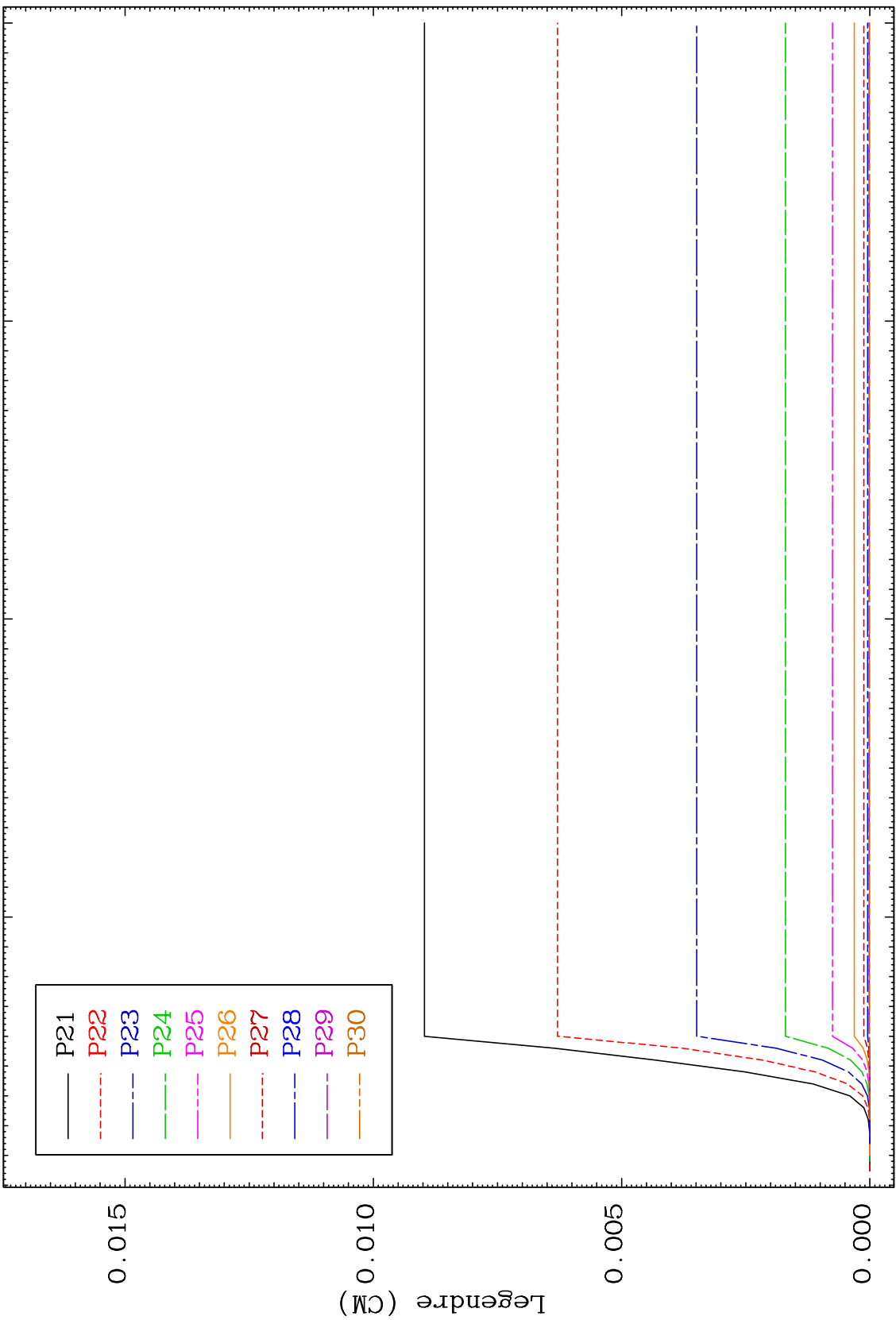
Incident Energy (MeV)

78-Pt-189

MAT 78222

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

78-Pt-189



70

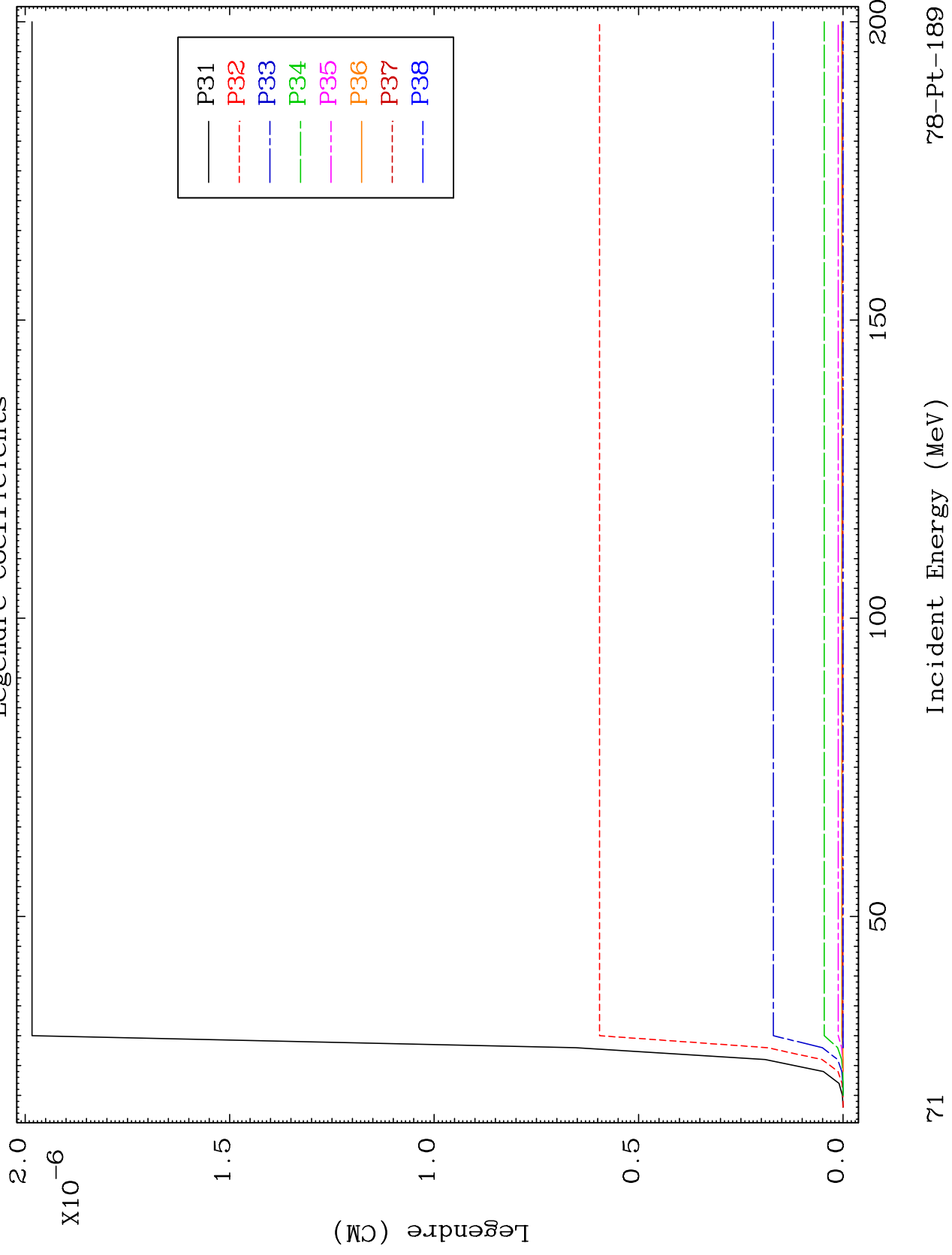
Incident Energy (MeV)

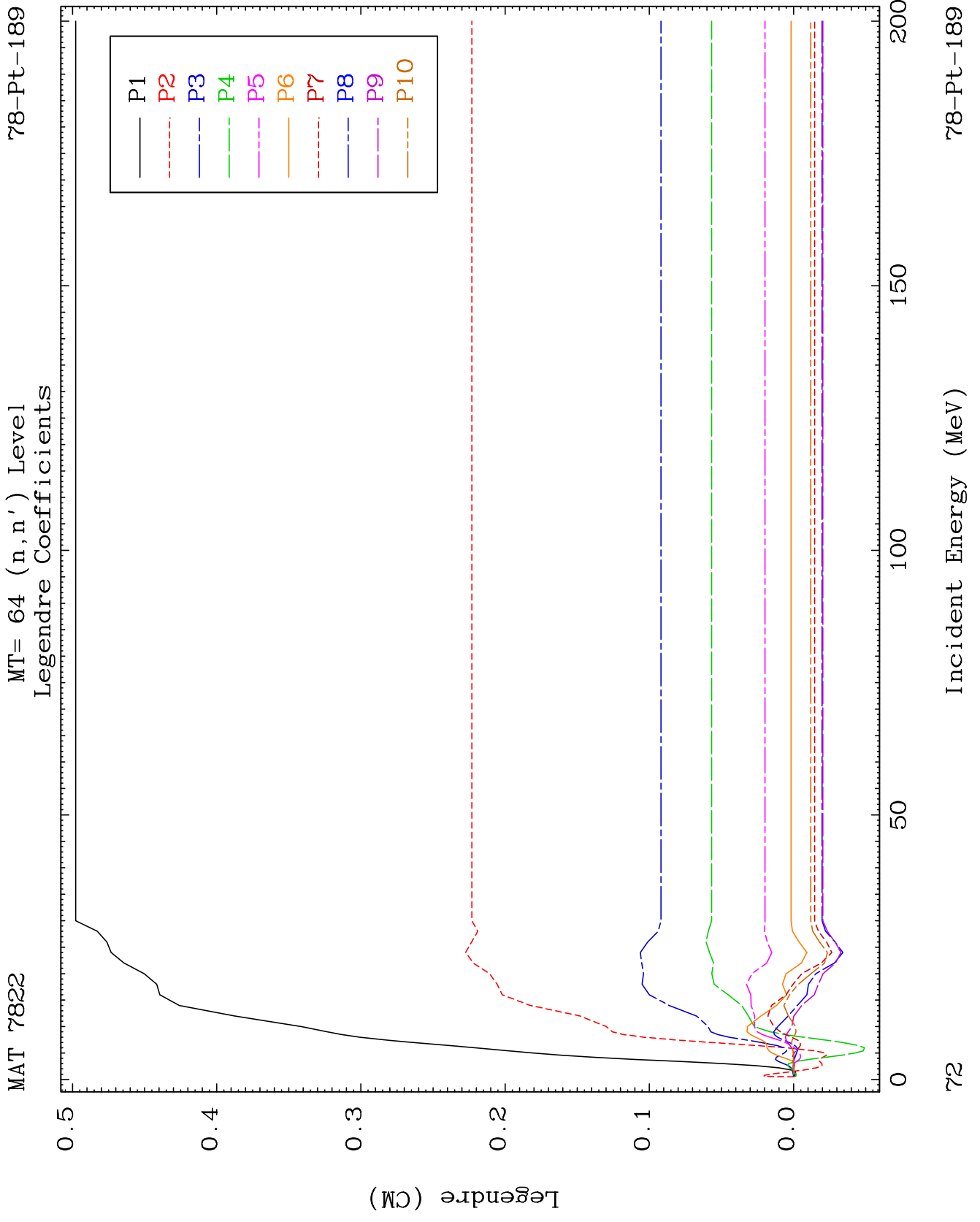
78-Pt-189

MAT 7822

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

78-Pt-189

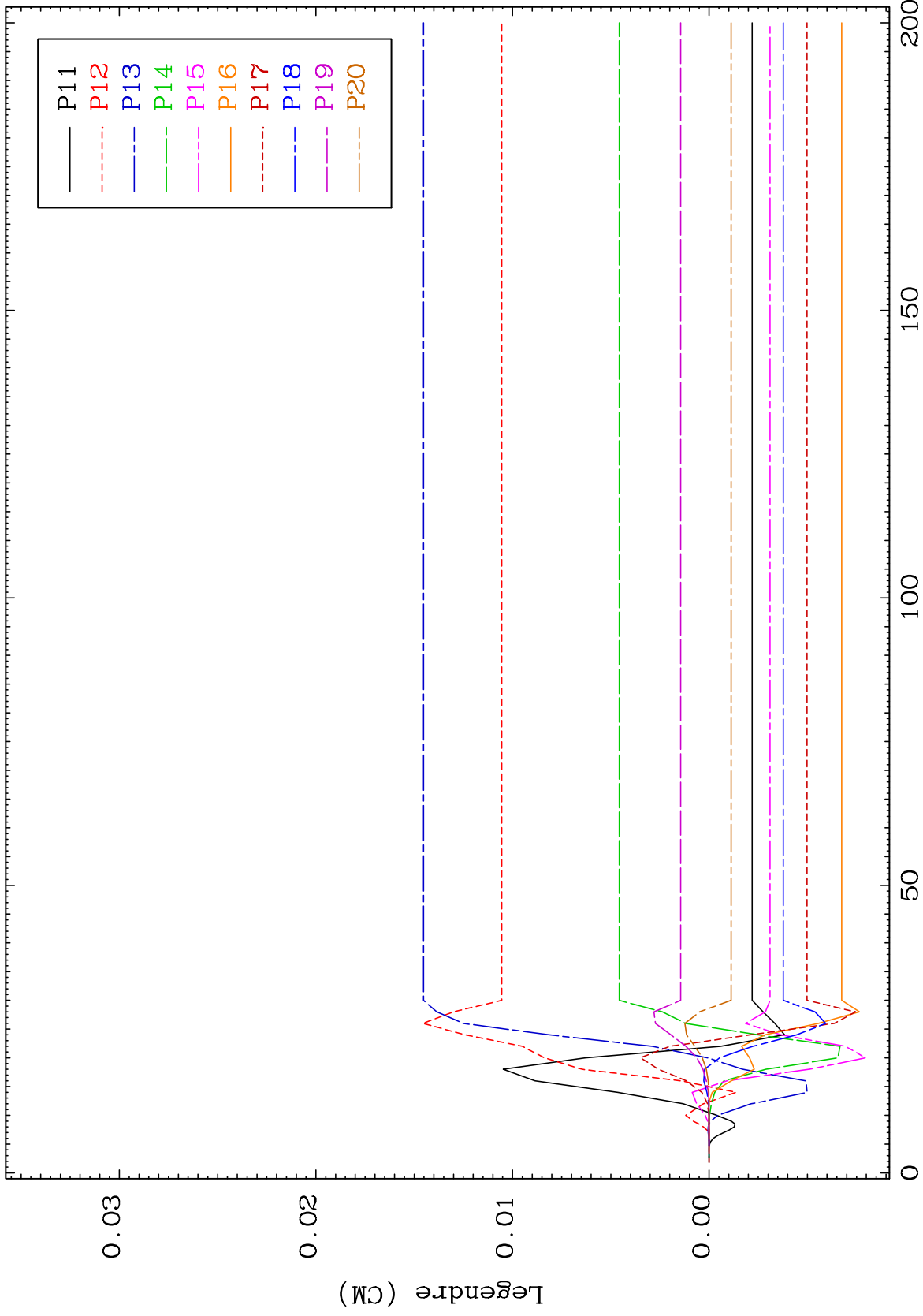




MAT 7822

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

78-Pt-189



73

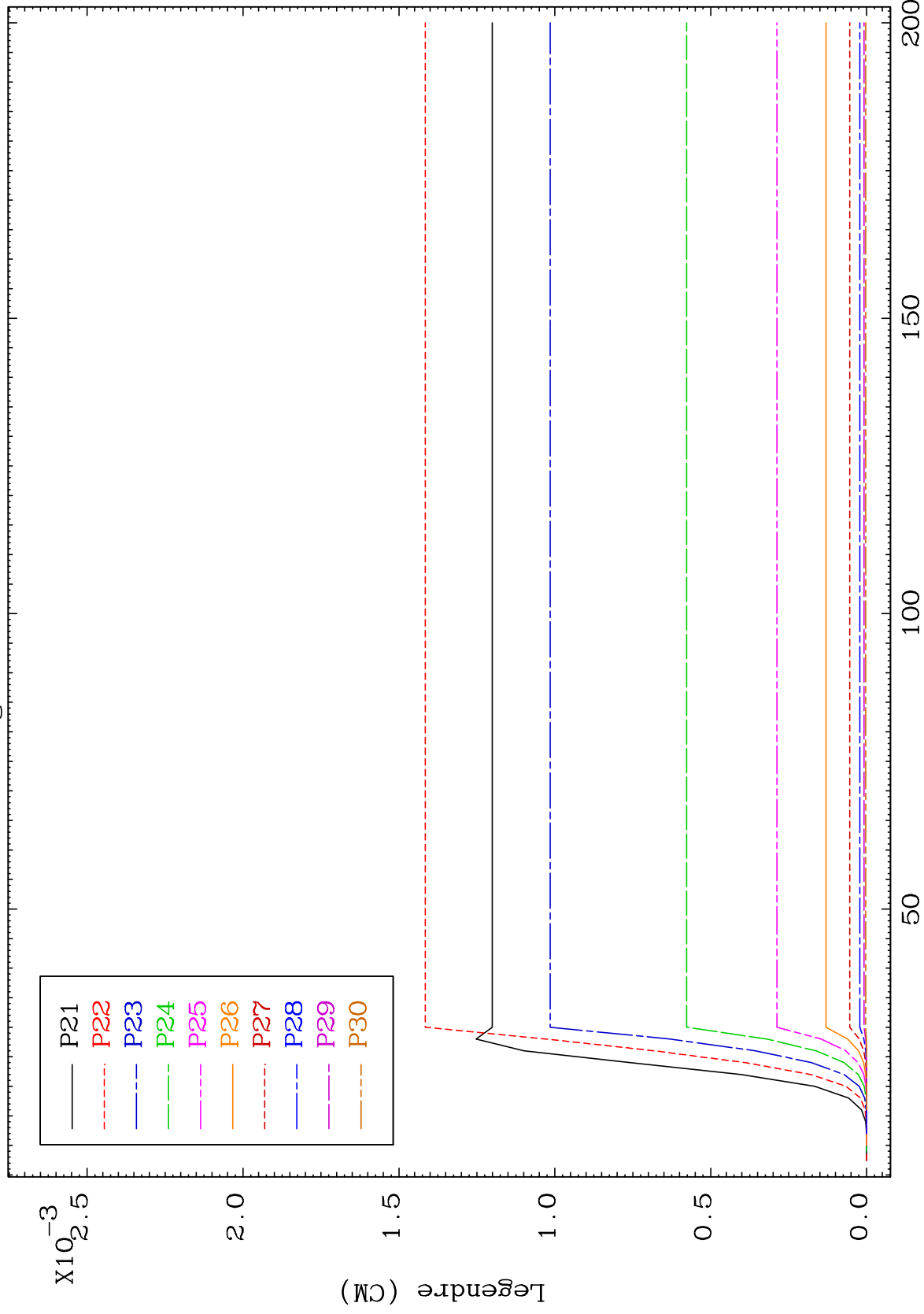
Incident Energy (MeV)

78-Pt-189

MAT 7822

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

78-Pt-189



74

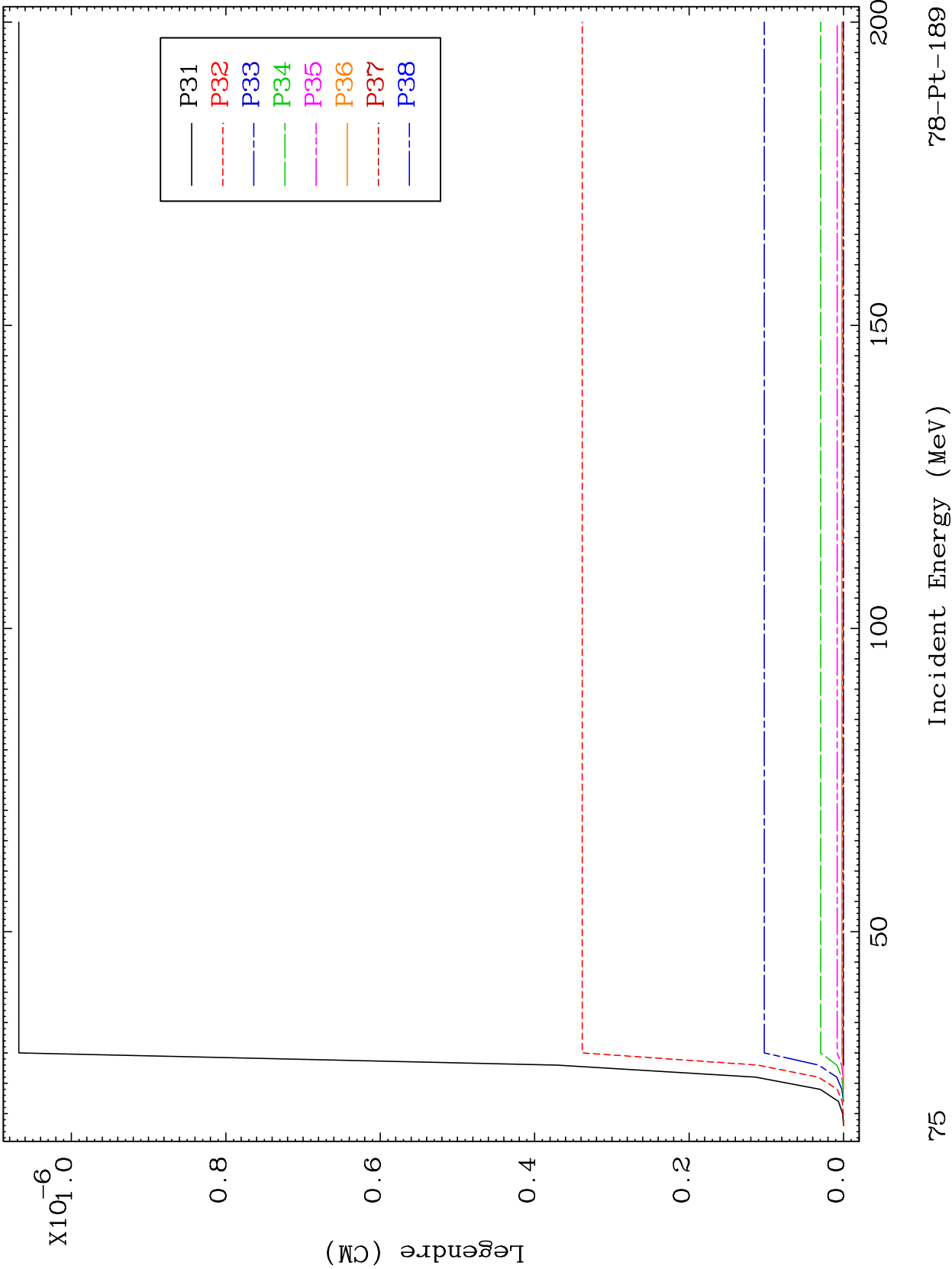
Incident Energy (MeV)

78-Pt-189

MAT 7822

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

78-Pt-189



75

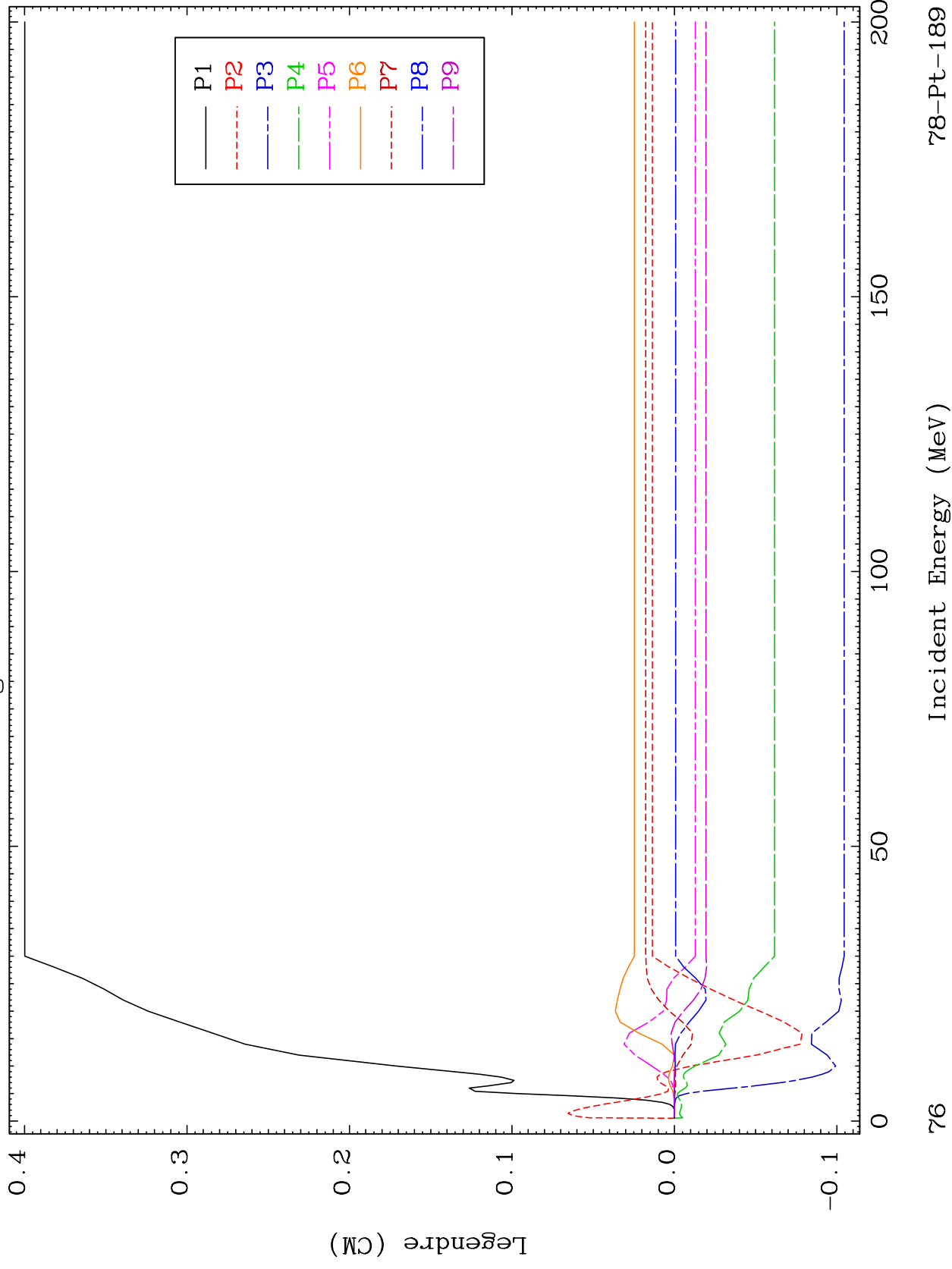
Incident Energy (MeV)

78-Pt-189

MAT 7822

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

78-Pt-189



78-Pt-189

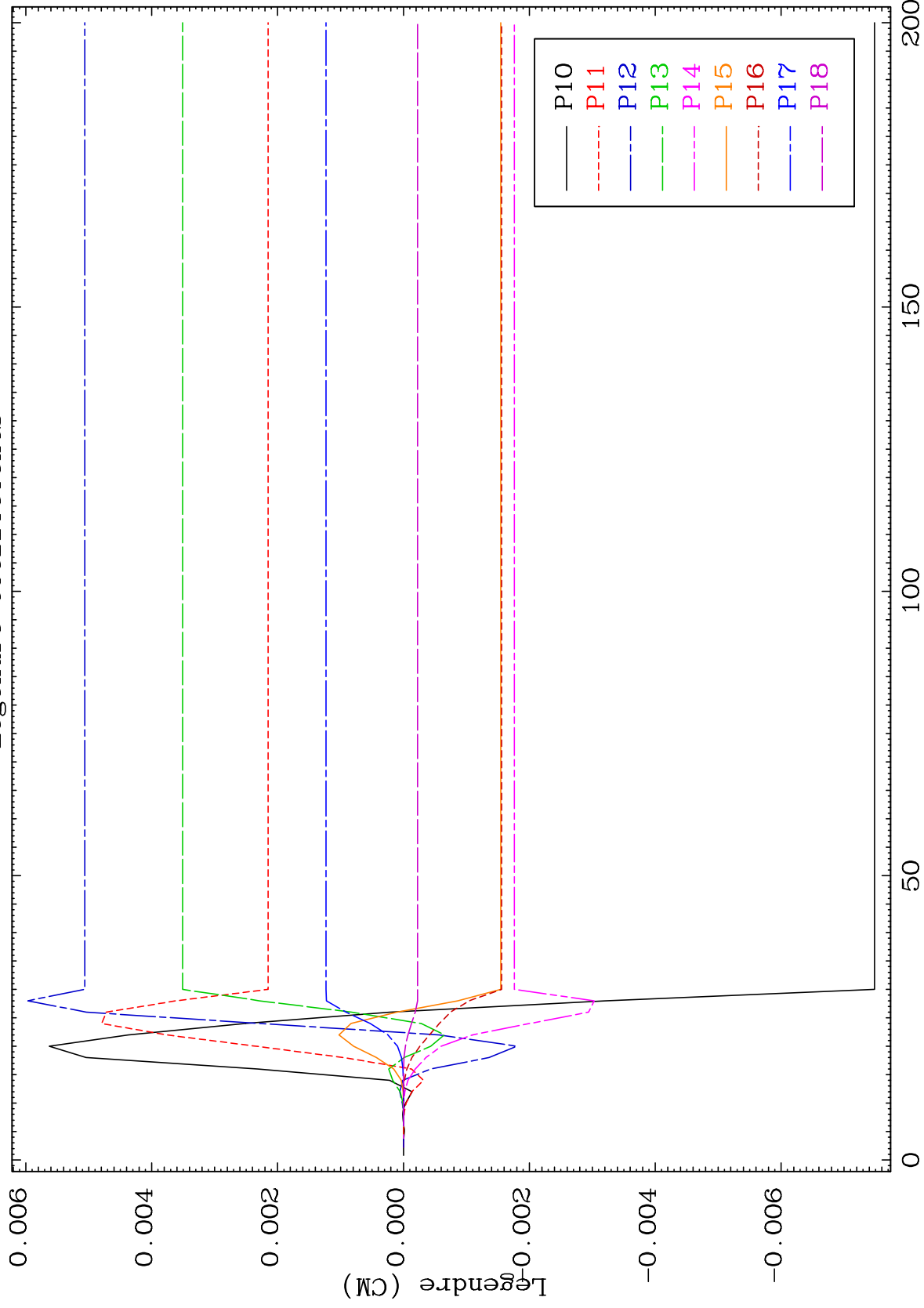
Incident Energy (MeV)

76

MAT 78222

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

78-Pt-189



77

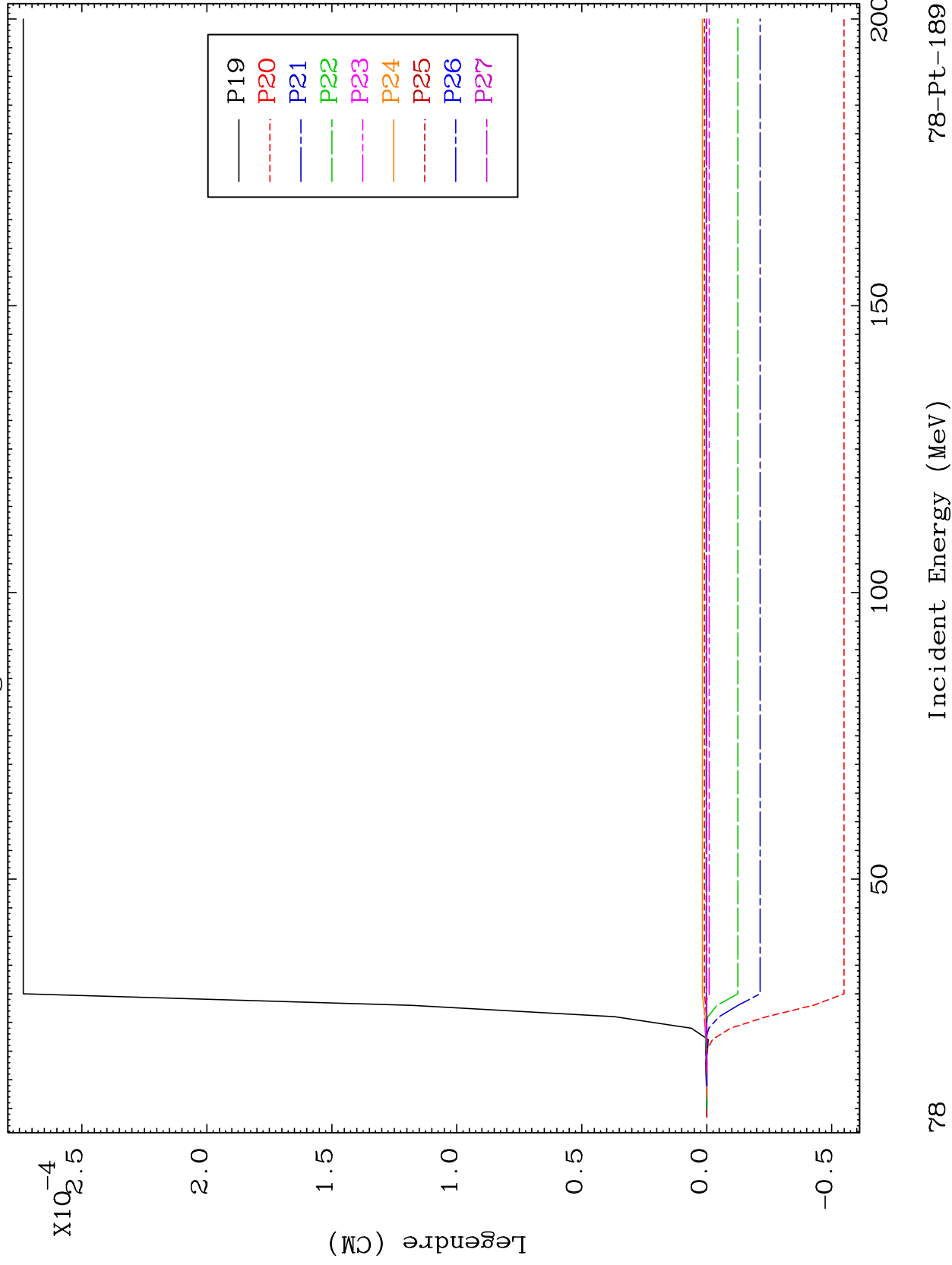
Incident Energy (MeV)

78-Pt-189

MAT 7822

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

78-Pt-189

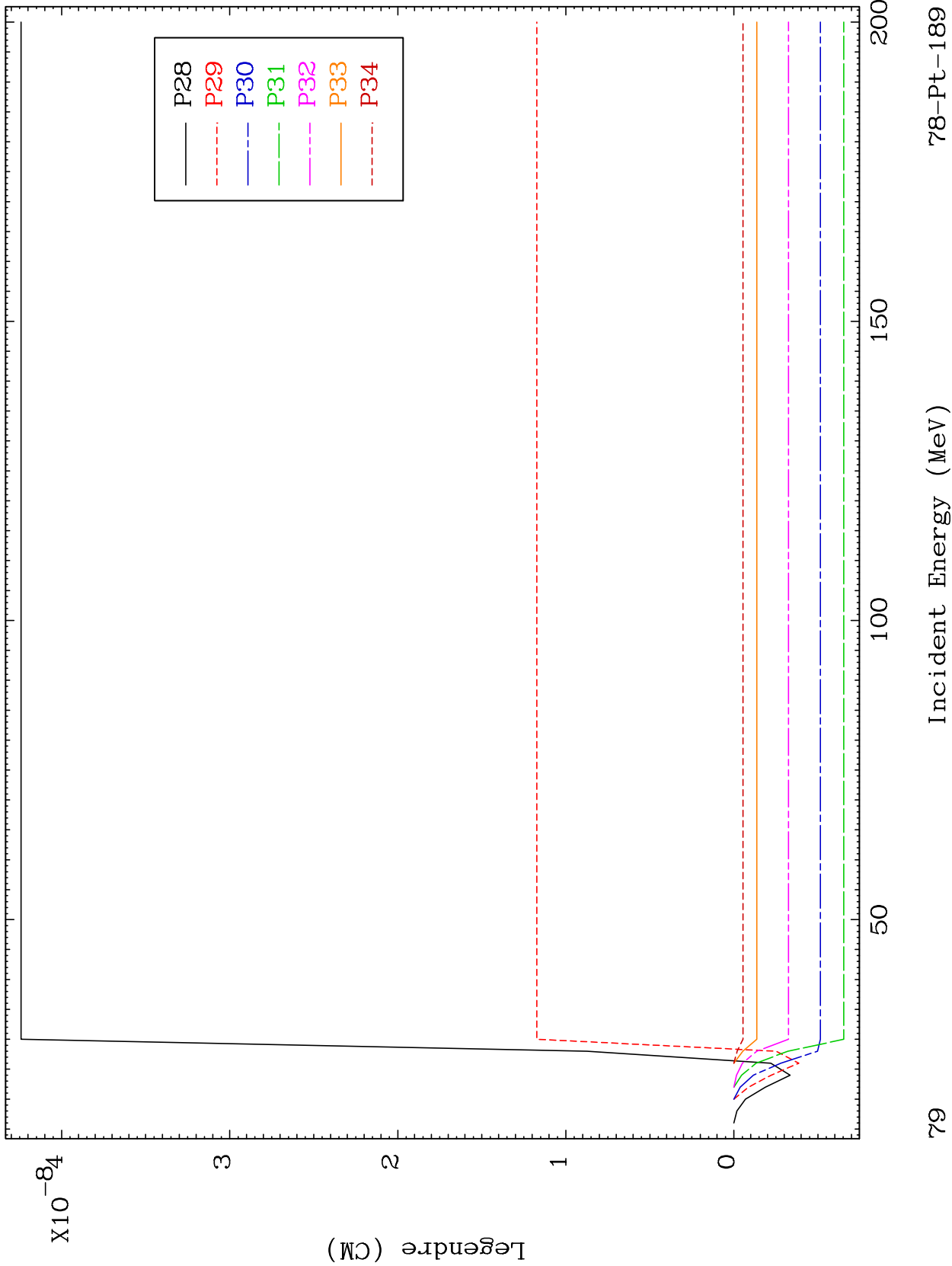


78

MAT 7822

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

78-Pt-189

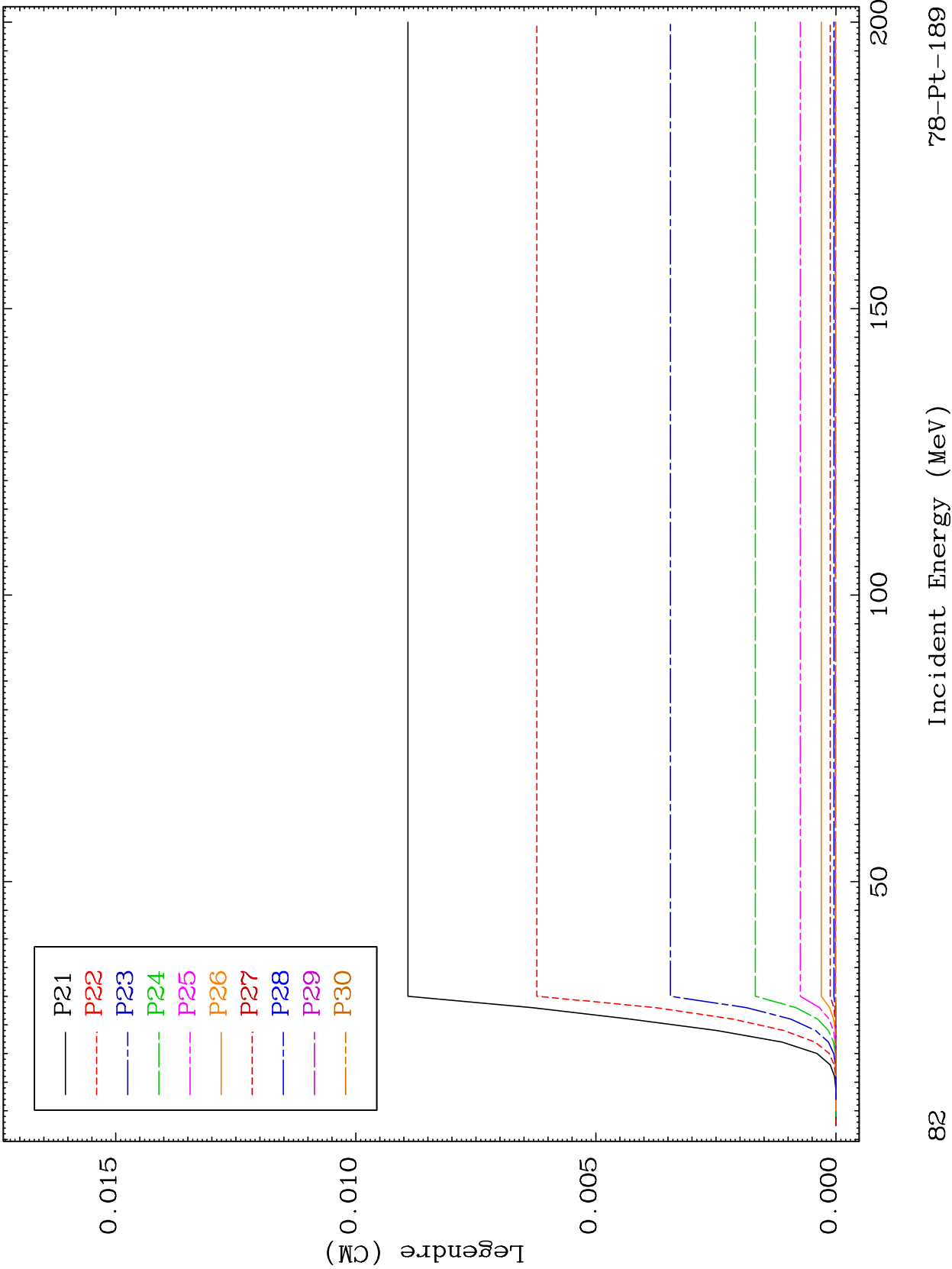


79

MAT 78222

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

78-Pt-189



82

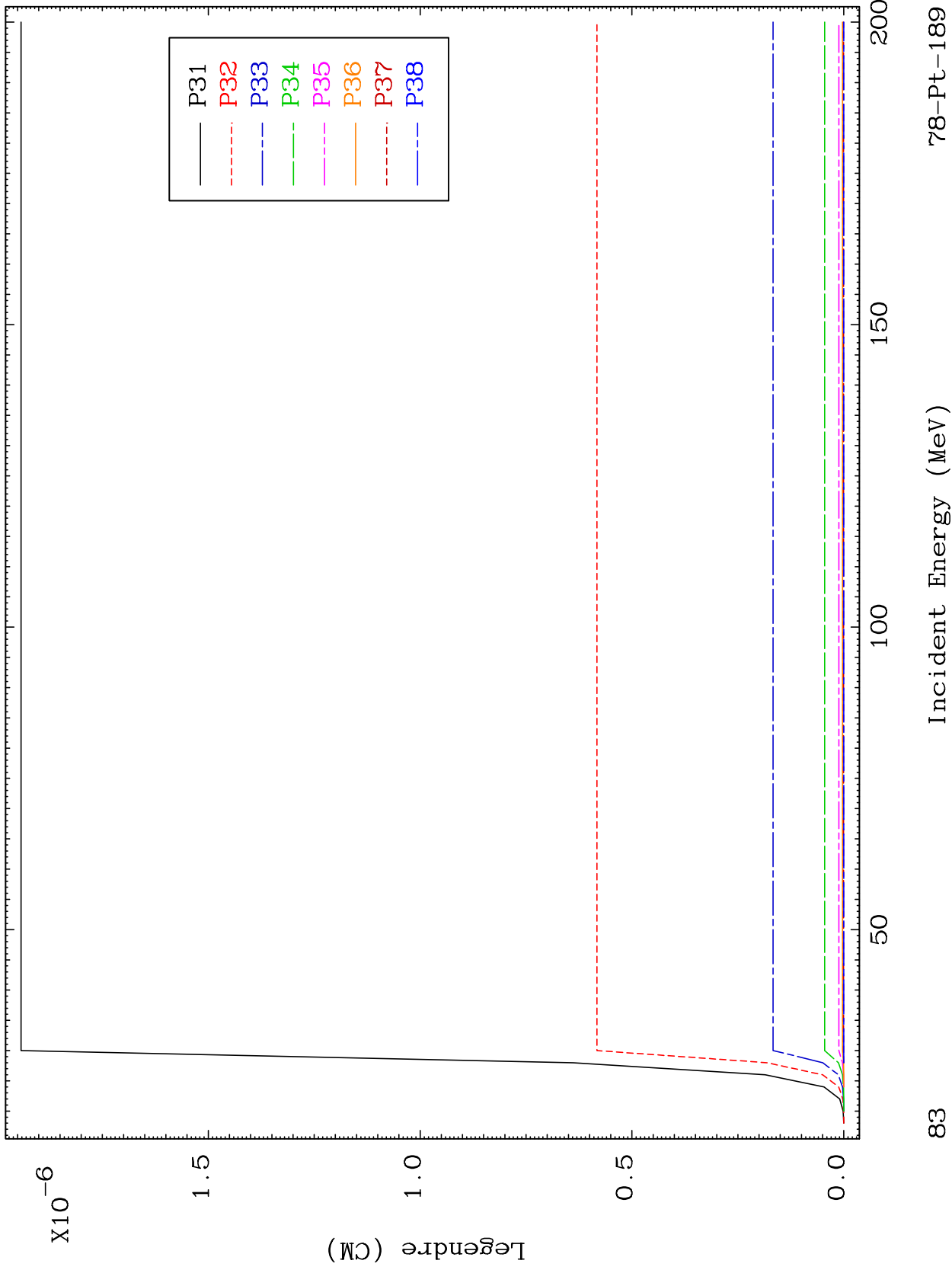
Incident Energy (MeV)

78-Pt-189

MAT 7822

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

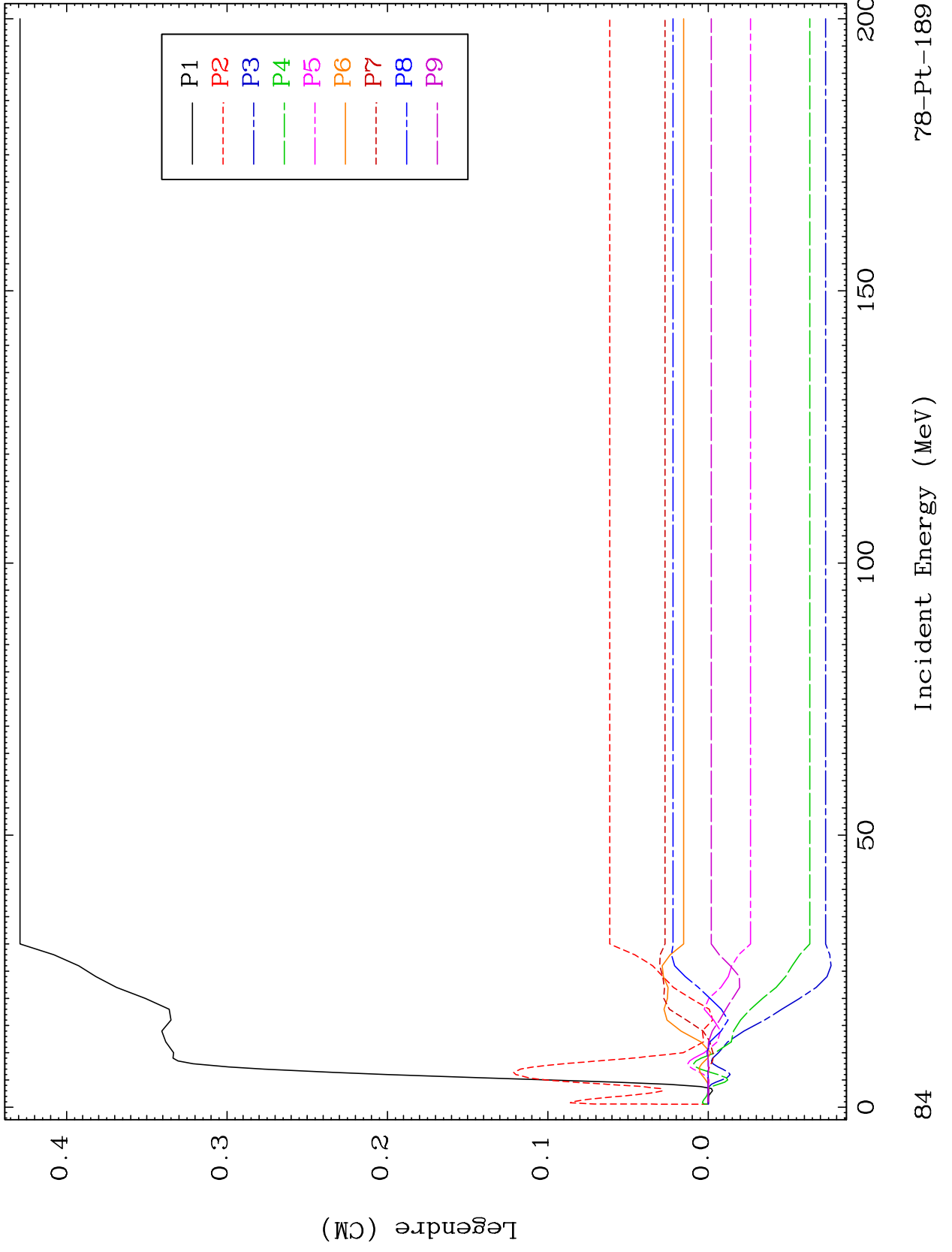
78-Pt-189



MAT 7822

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

78-Pt-189



84

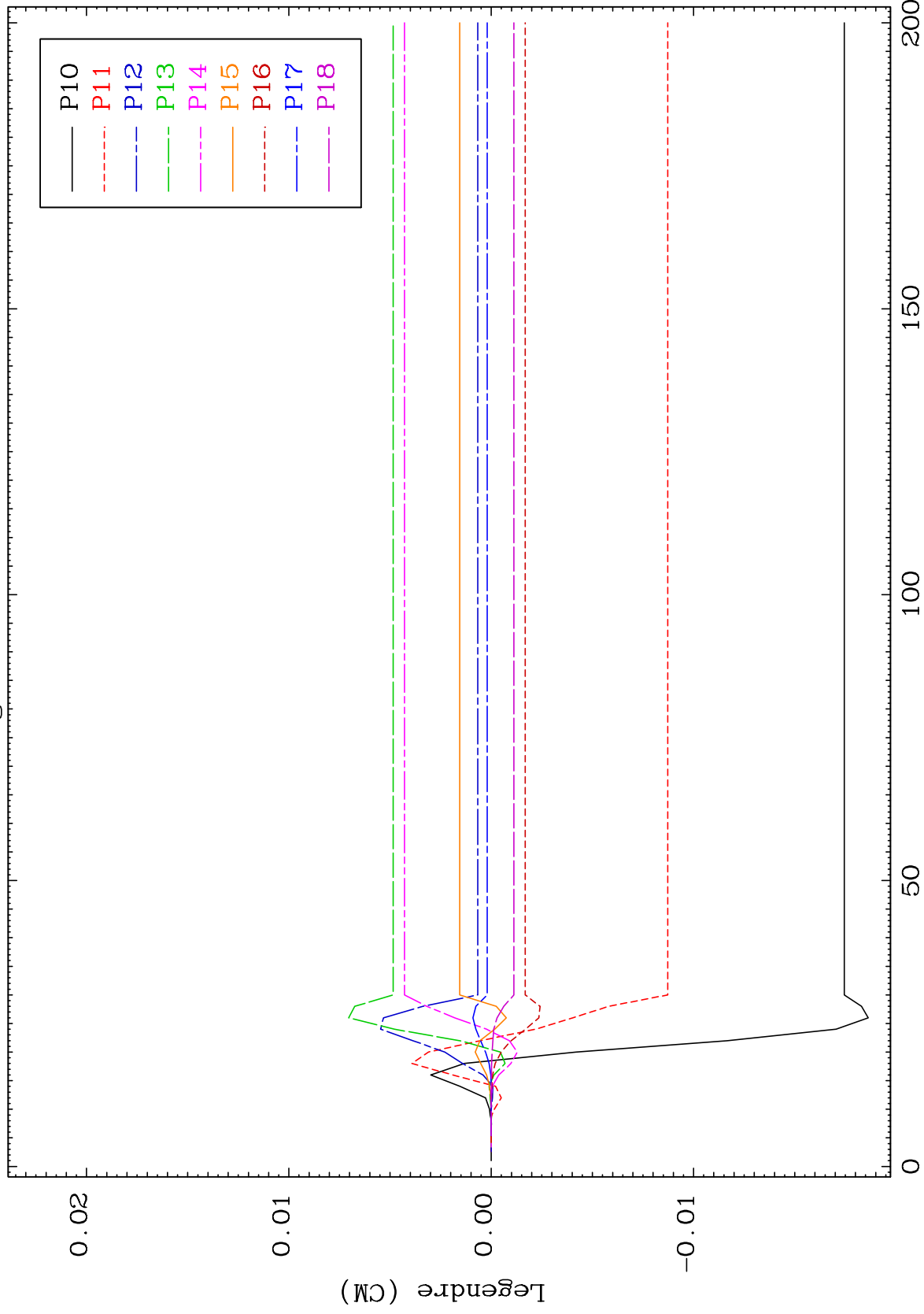
Incident Energy (MeV)

78-Pt-189

MAT 7822

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

78-Pt-189



85

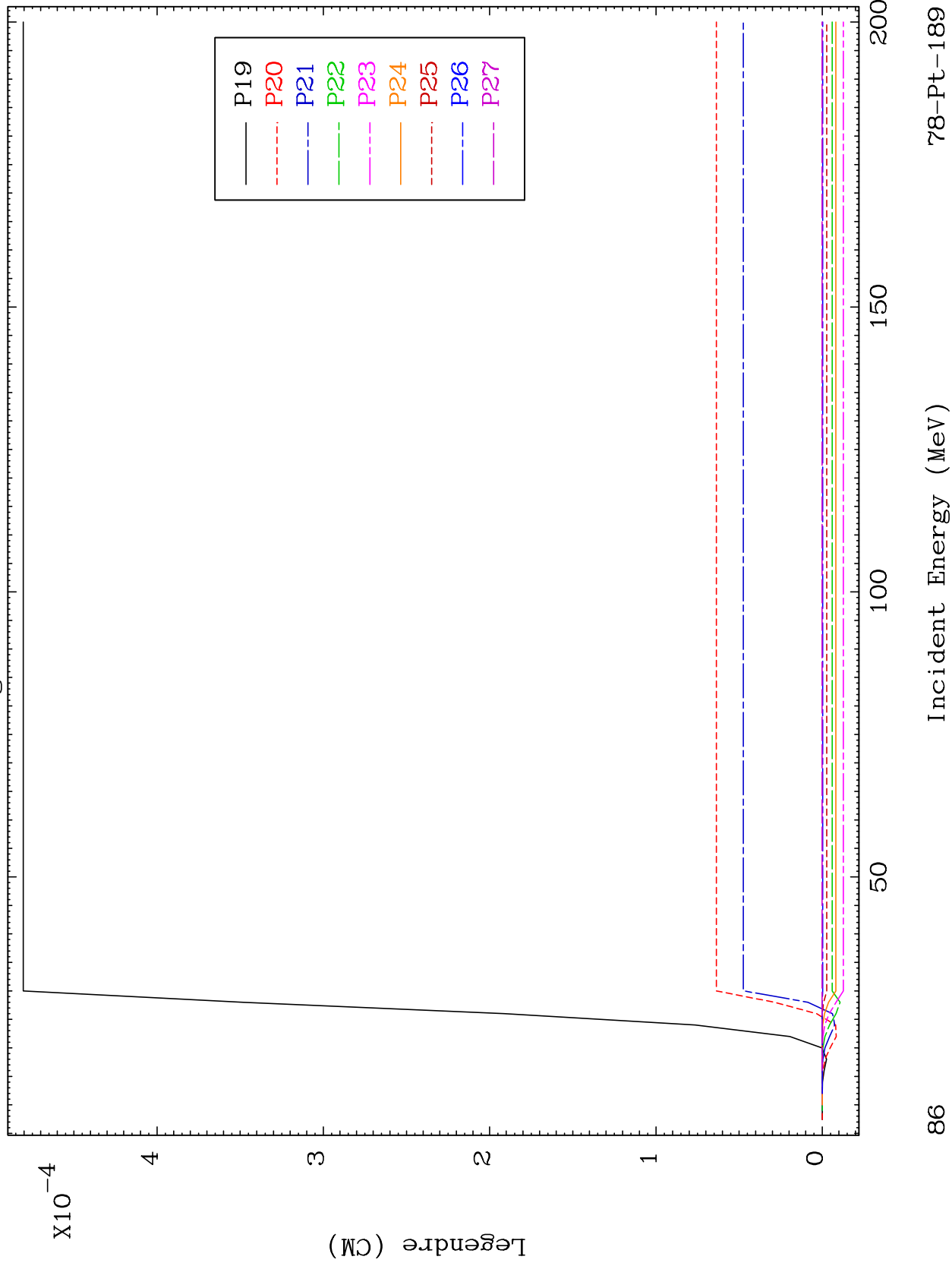
Incident Energy (MeV)

78-Pt-189

MAT 7822

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

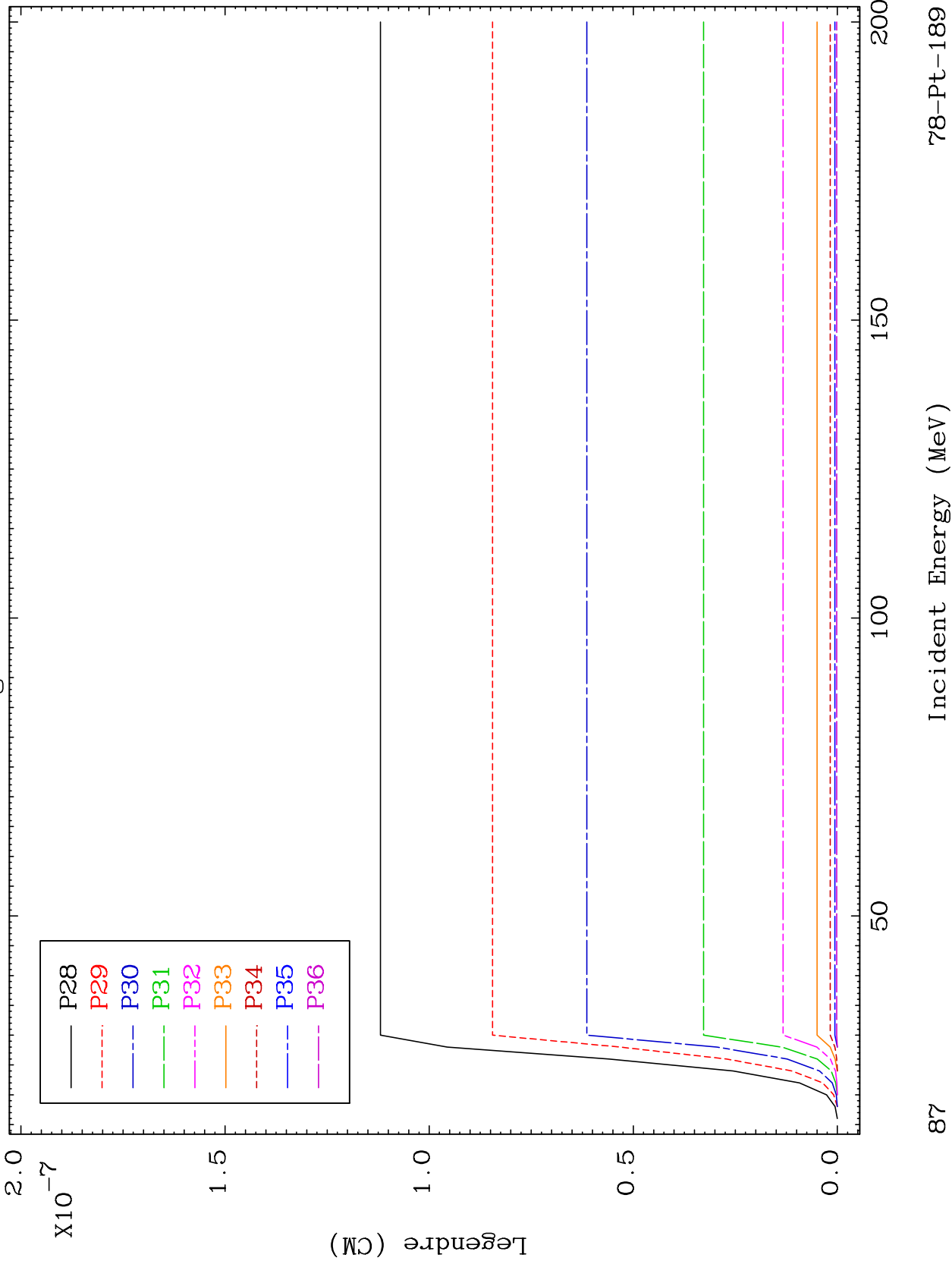
78-Pt-189



MAT 7822

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

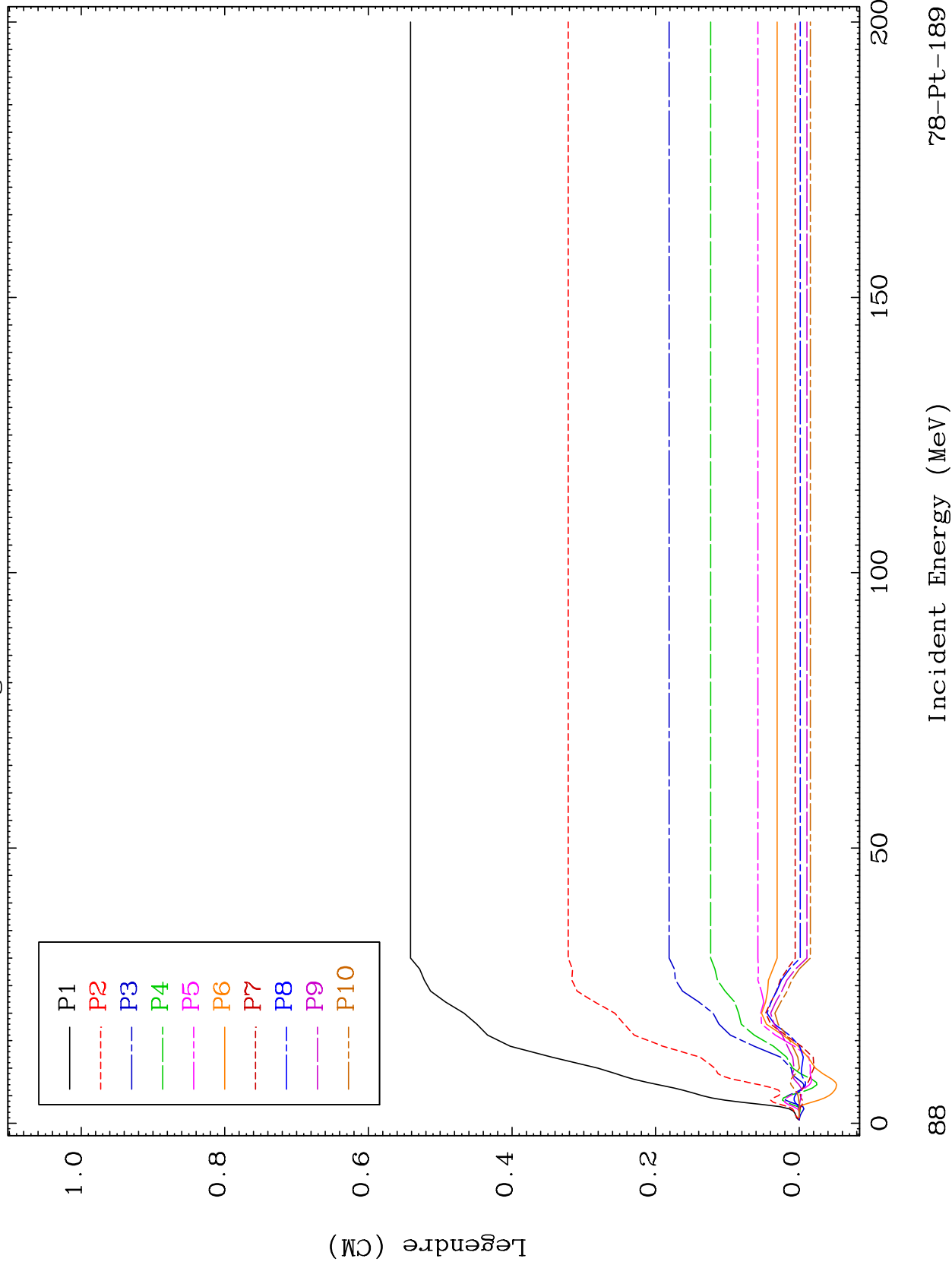
78-Pt-189



MAT 7822

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

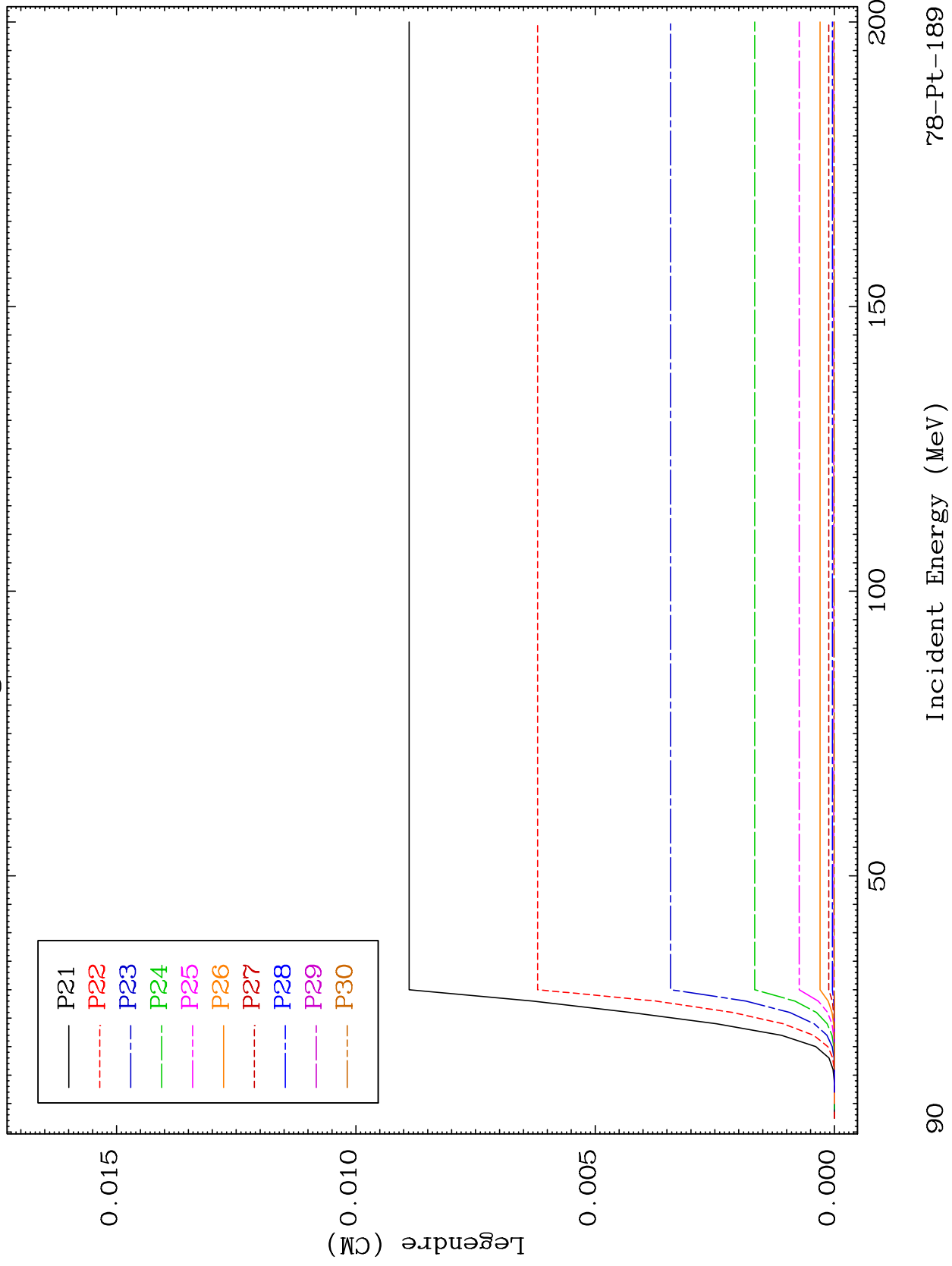
78-Pt-189



MAT 78222

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

78-Pt-189



90

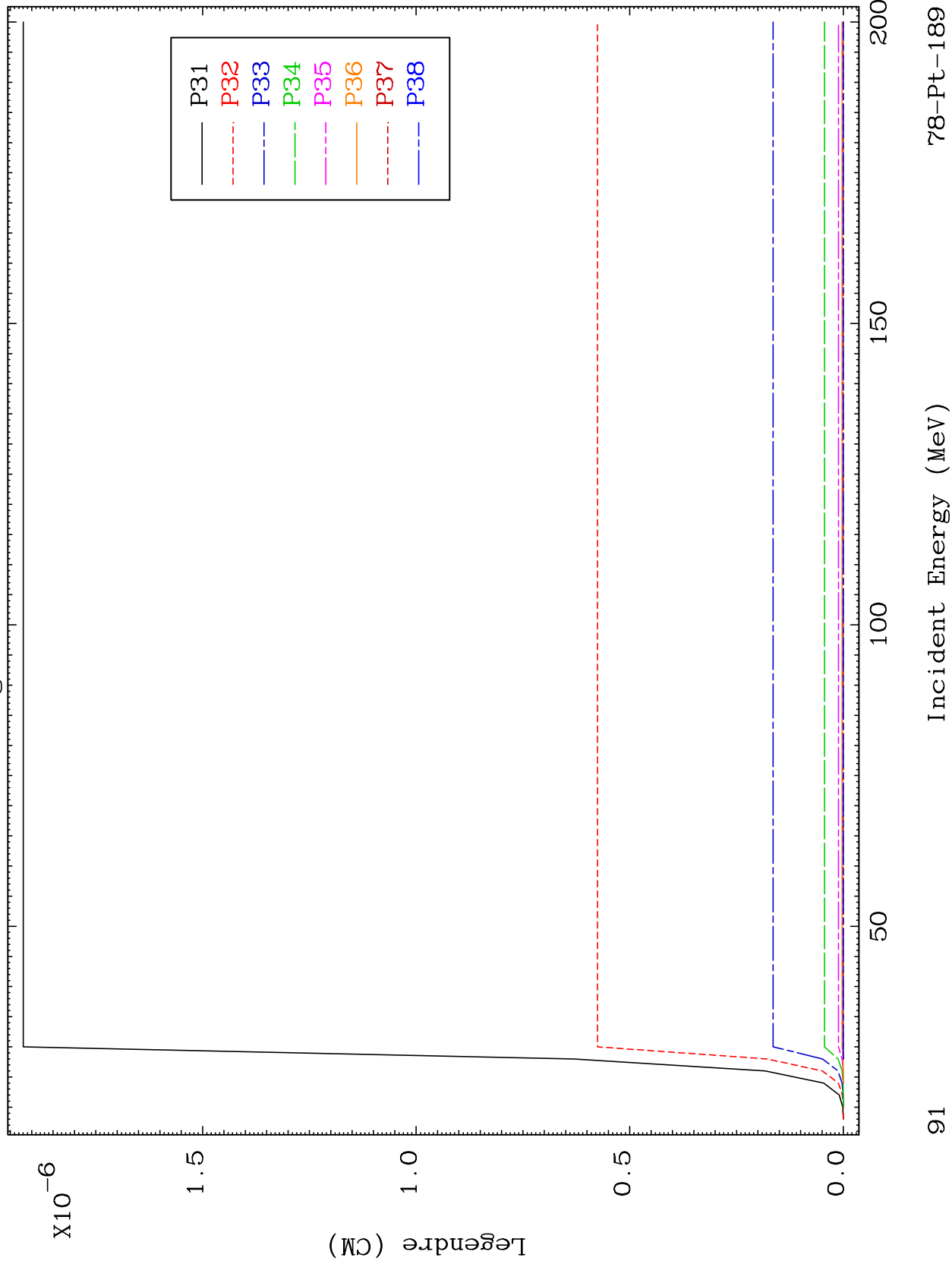
Incident Energy (MeV)

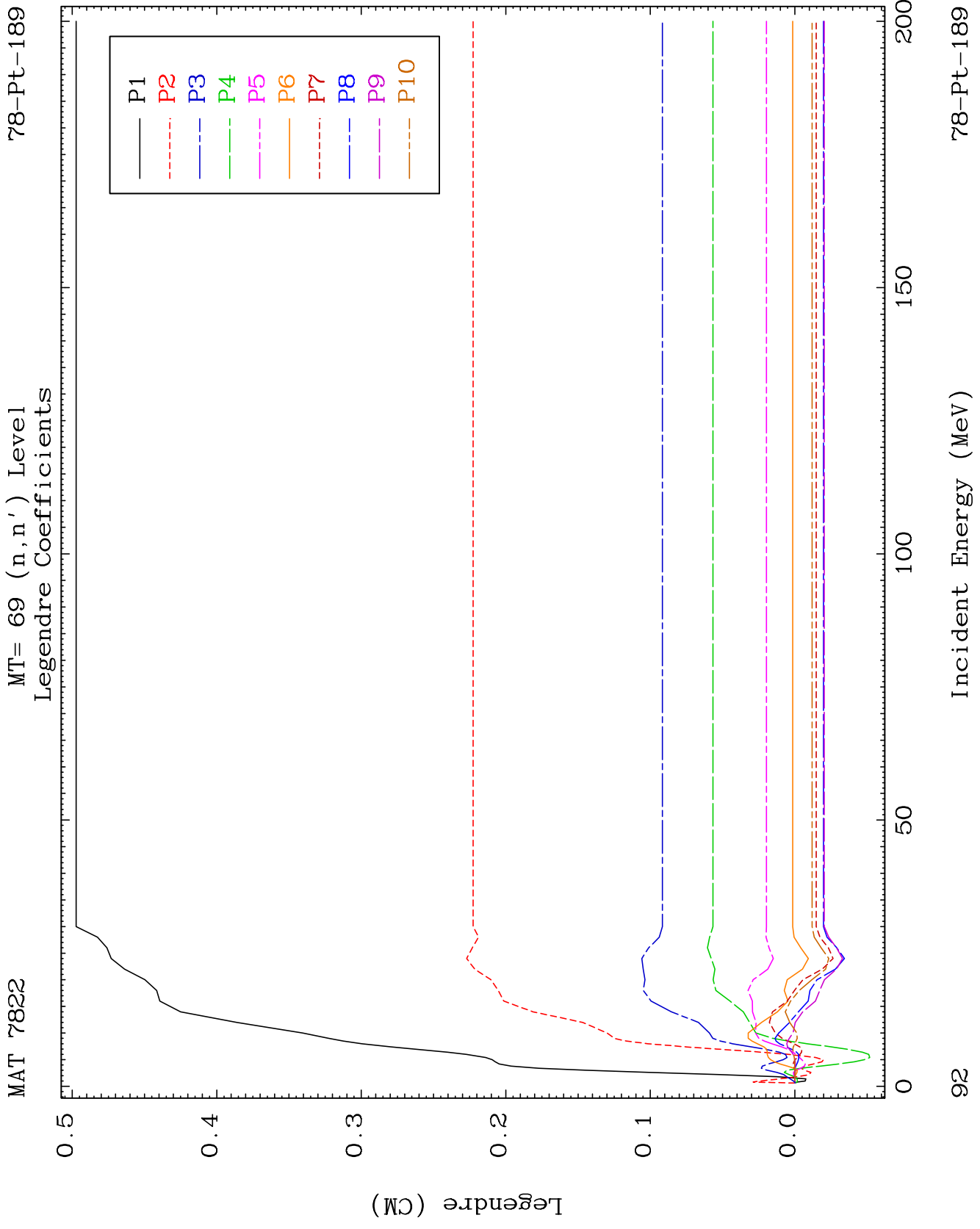
78-Pt-189

MAT 7822

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

78-Pt-189

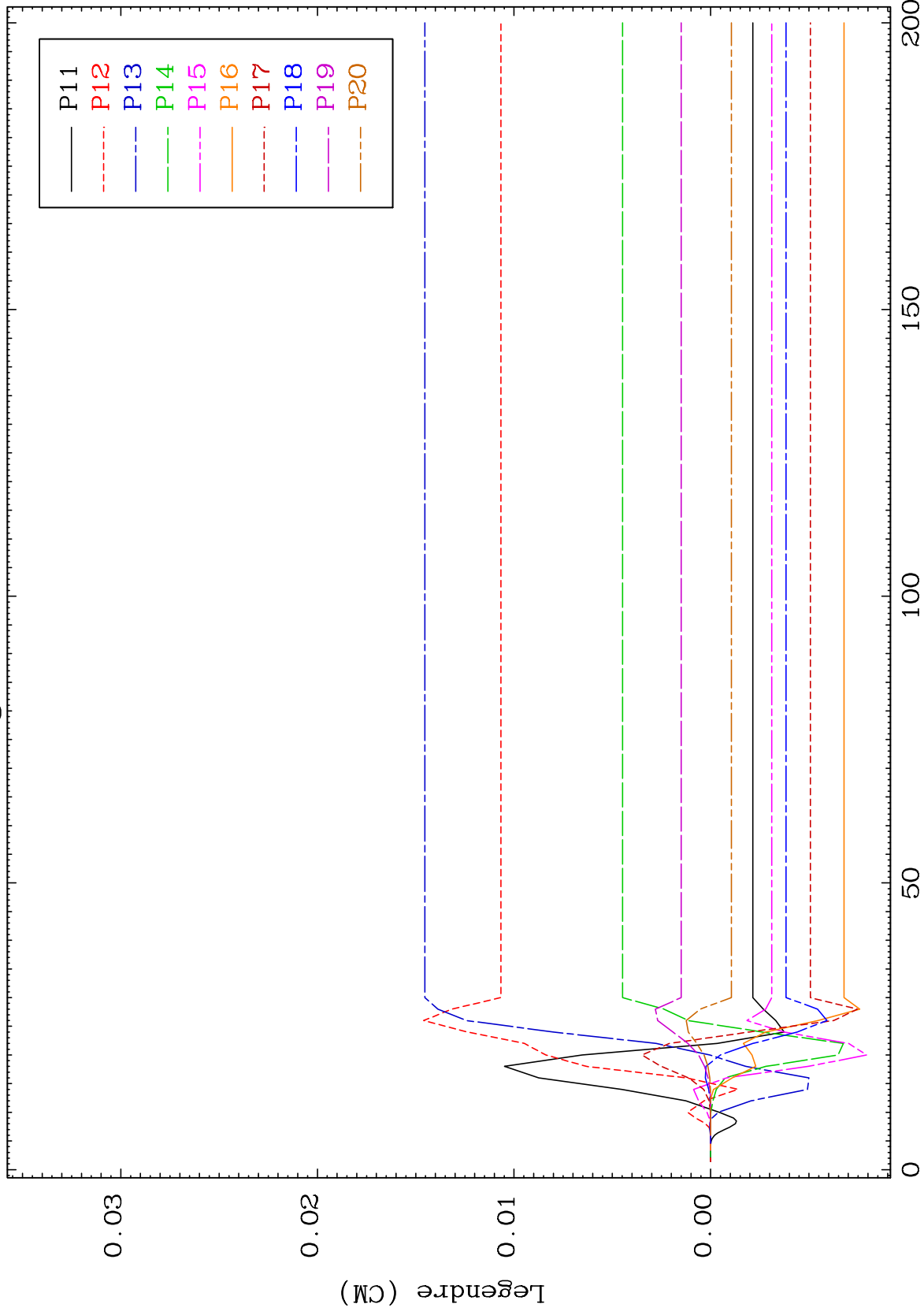




MAT 7822

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

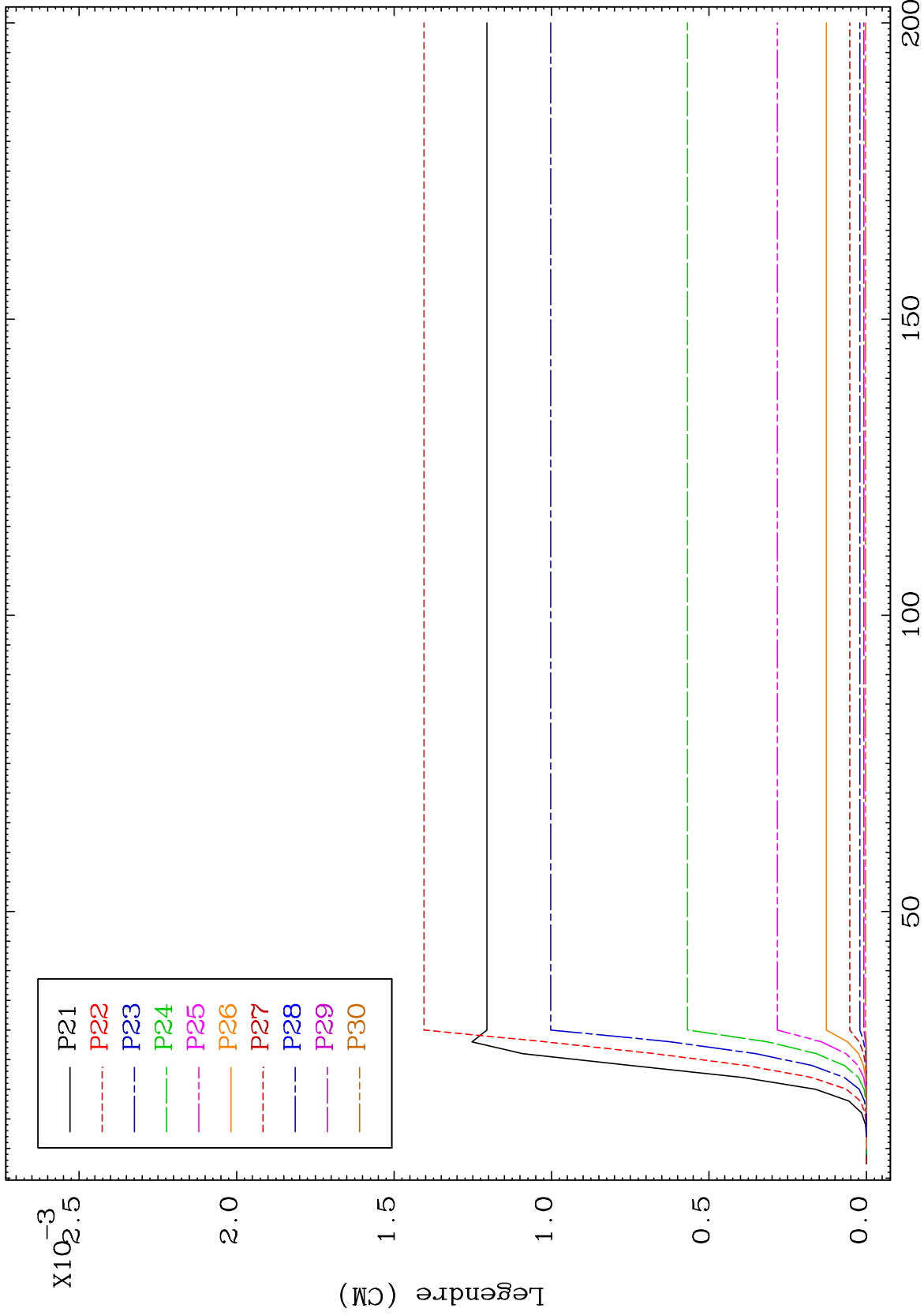
78-Pt-189



93

Incident Energy (MeV)

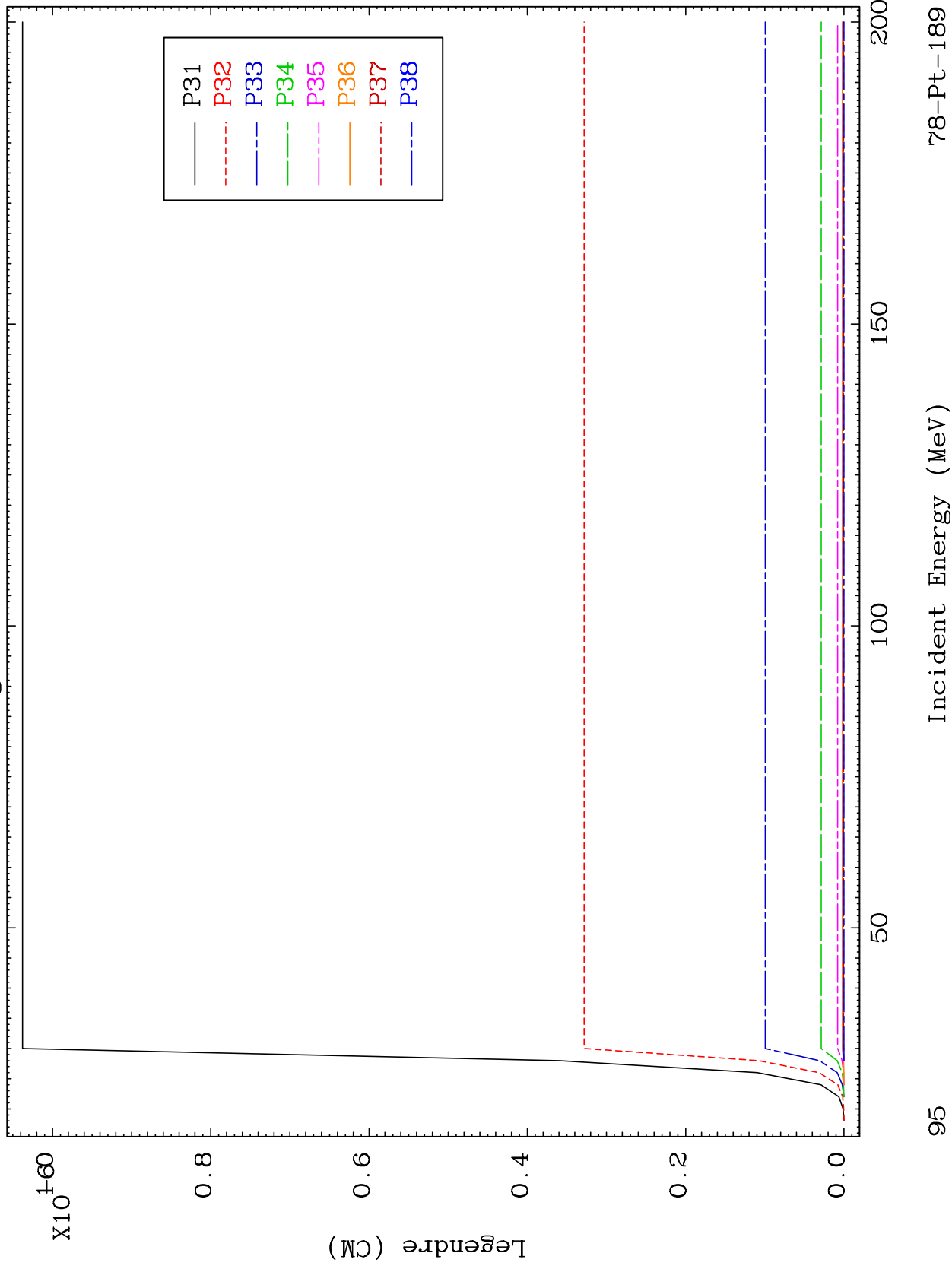
78-Pt-189



MAT 7822

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

78-Pt-189



78-Pt-189

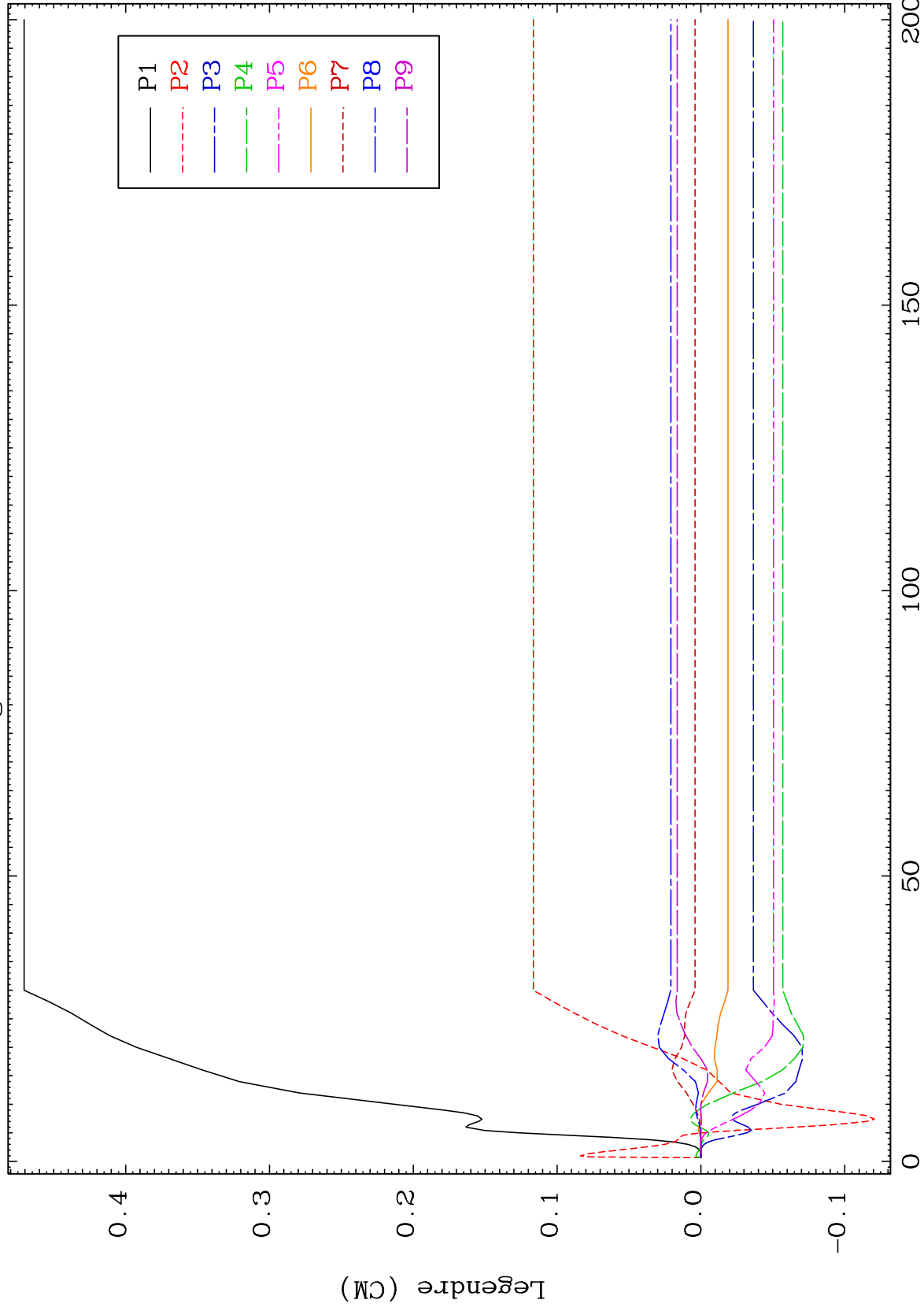
Incident Energy (MeV)

95

MAT 7822

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

78-Pt-189



Incident Energy (MeV)

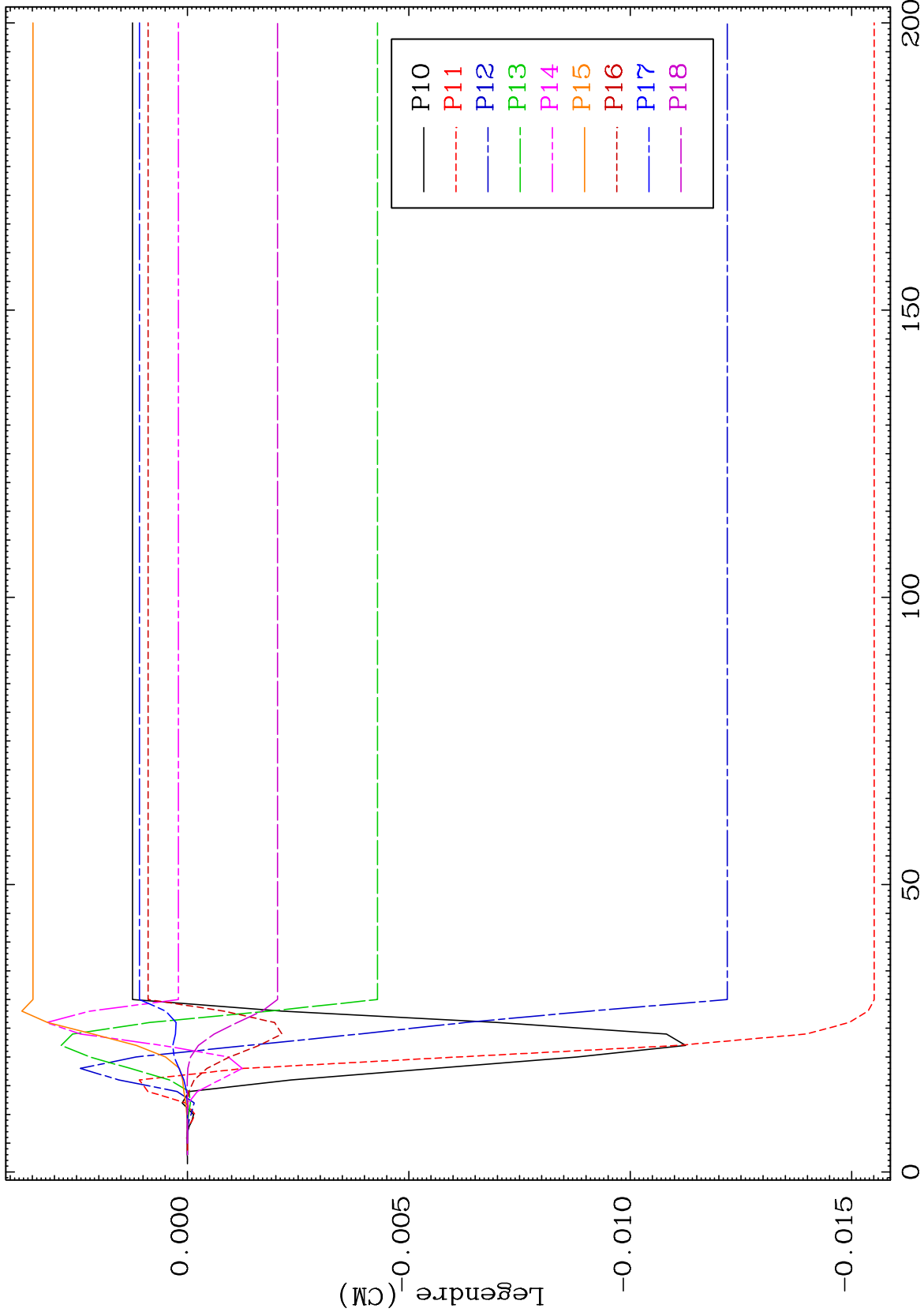
78-Pt-189

96

MAT 7822

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

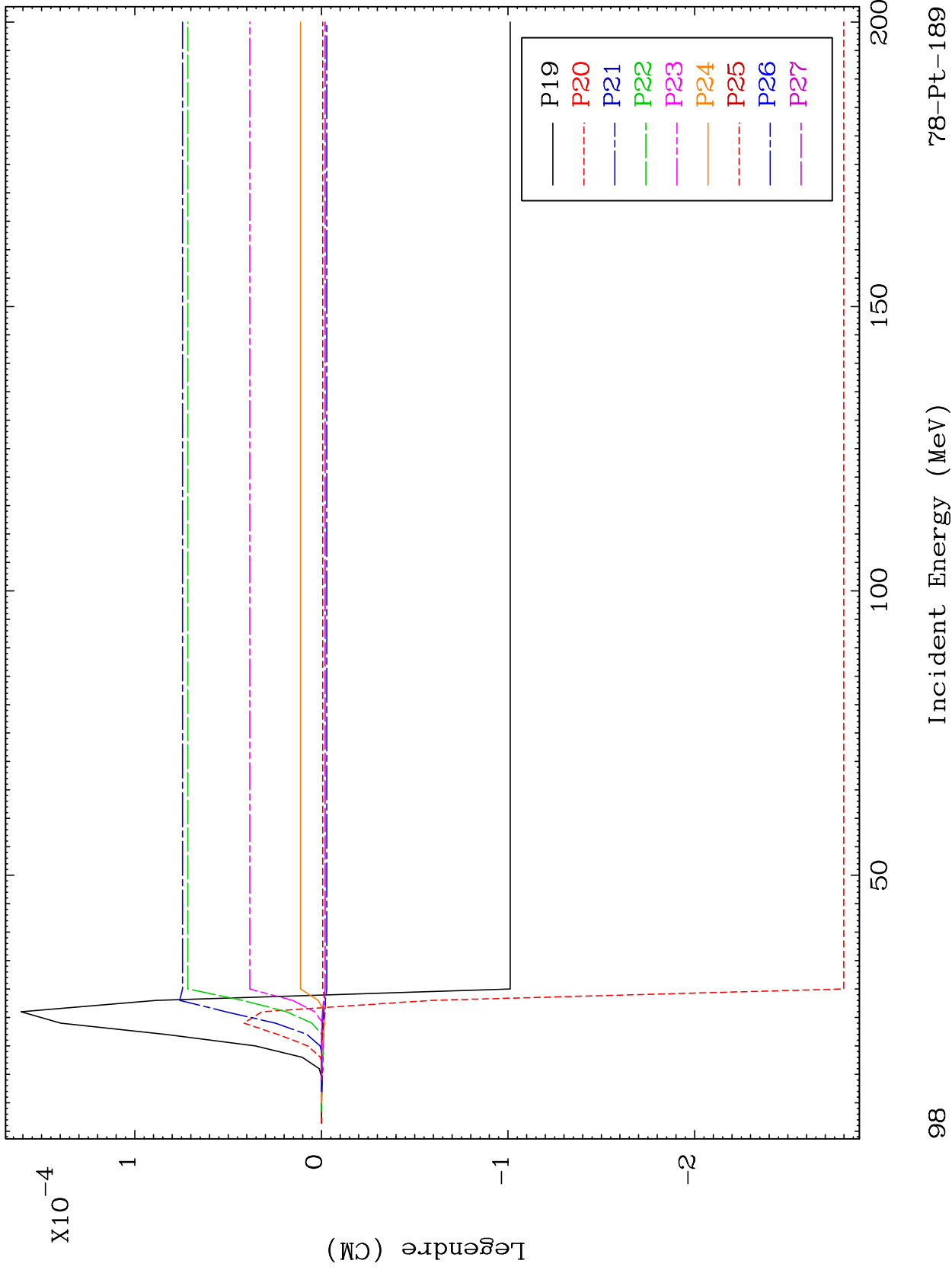
78-Pt-189



97

Incident Energy (MeV)

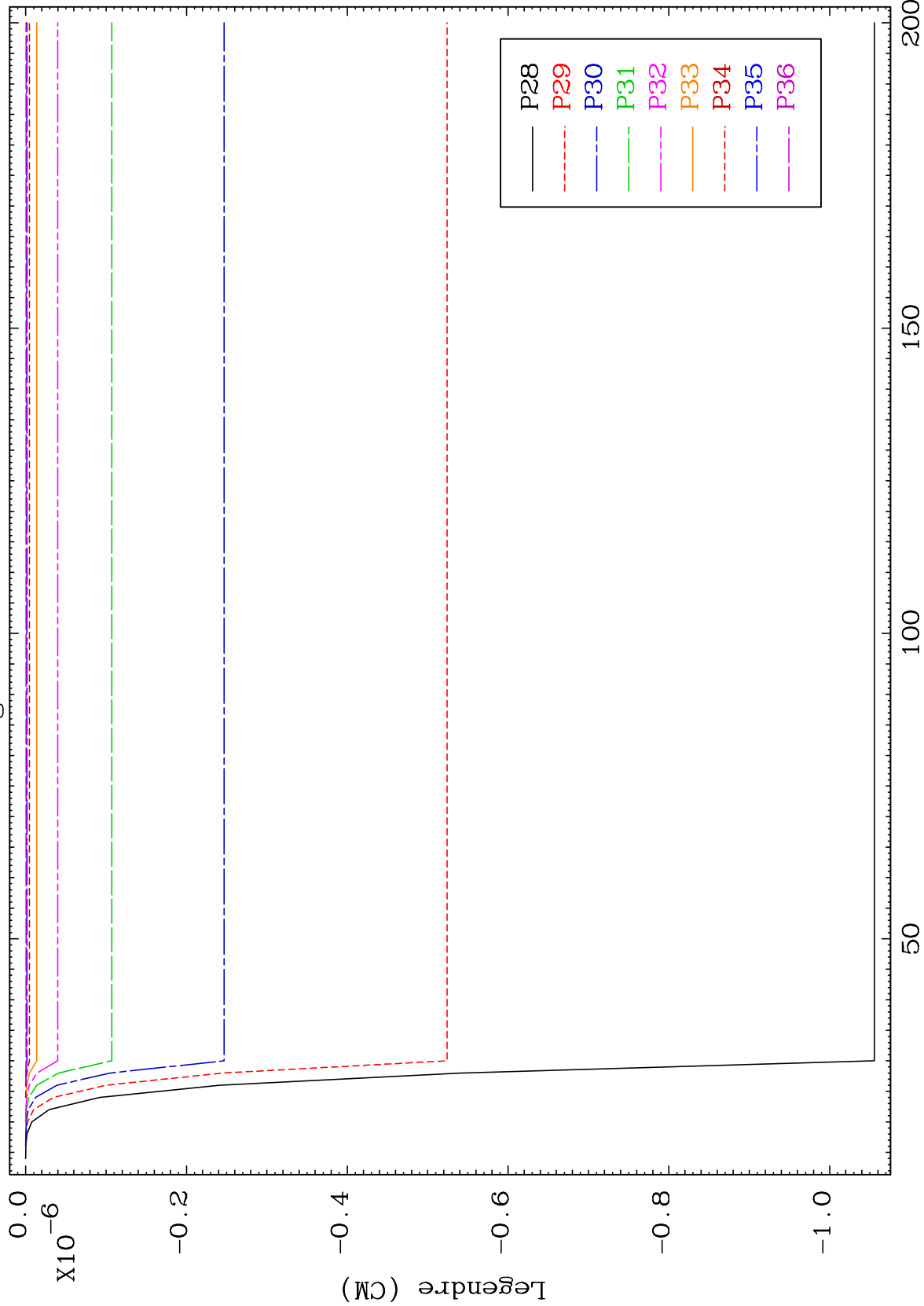
78-Pt-189



MAT 7822

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

78-Pt-189



78-Pt-189

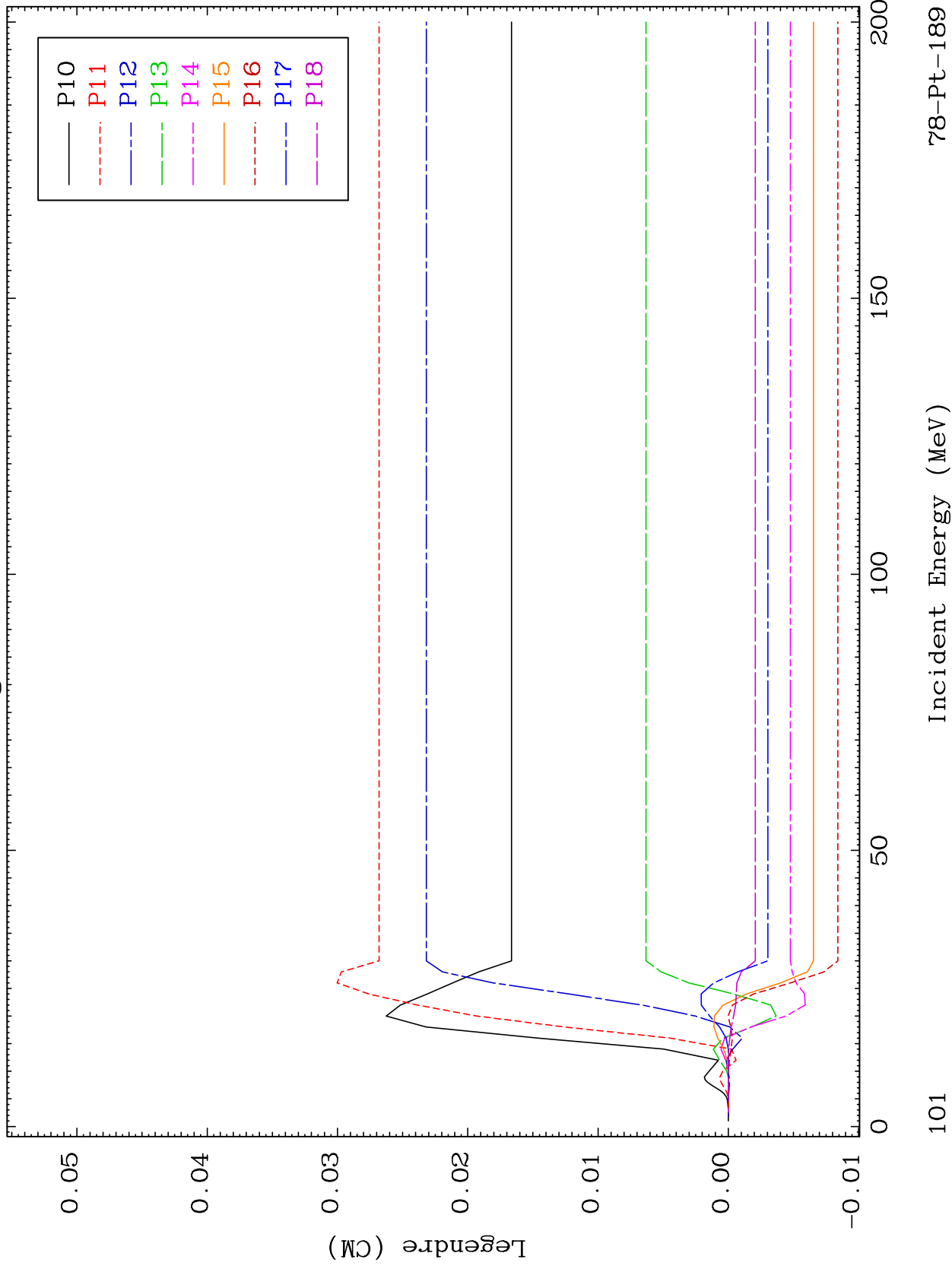
Incident Energy (MeV)

99

MAT 7822

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

78-Pt-189



78-Pt-189

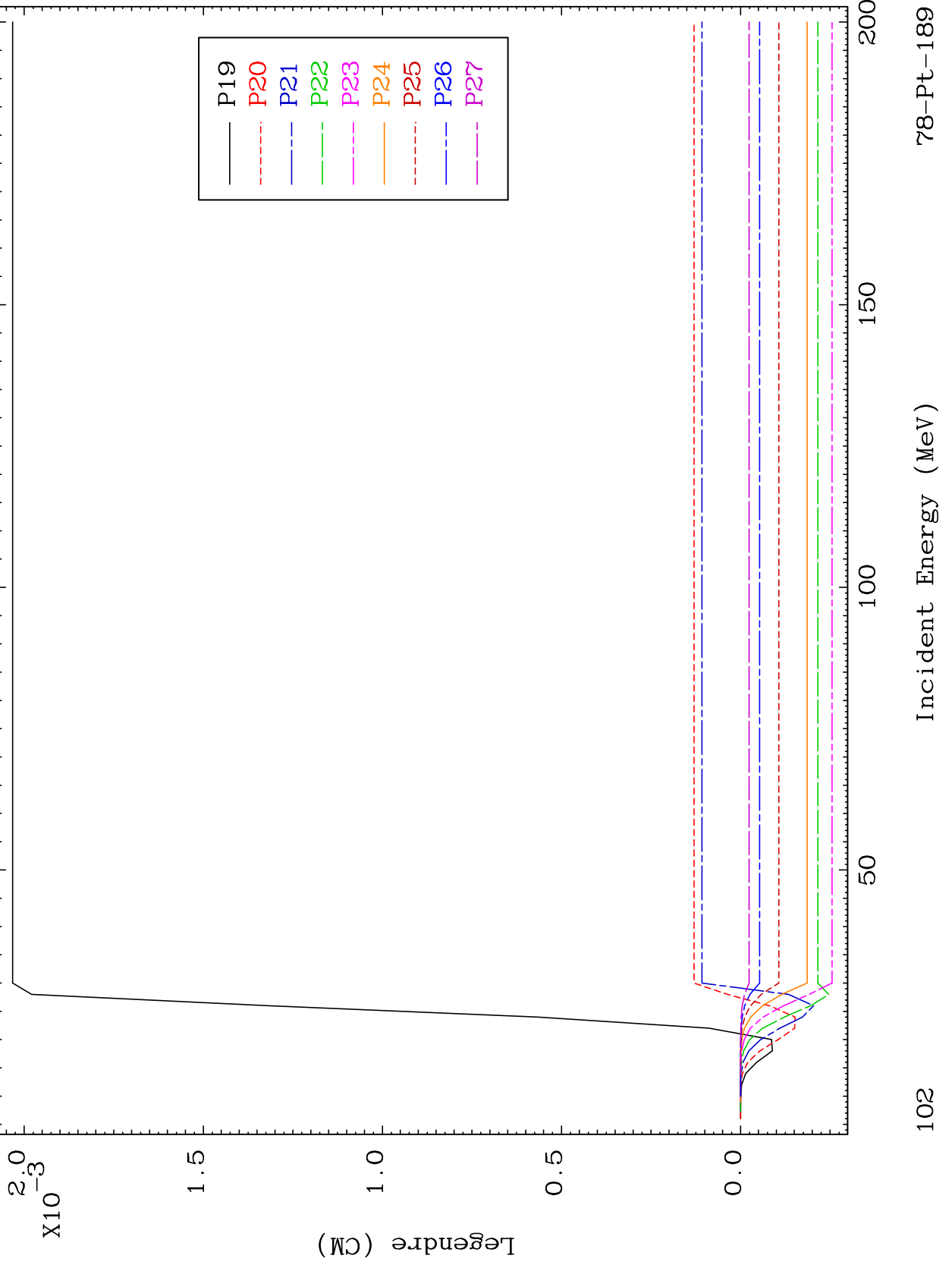
Incident Energy (MeV)

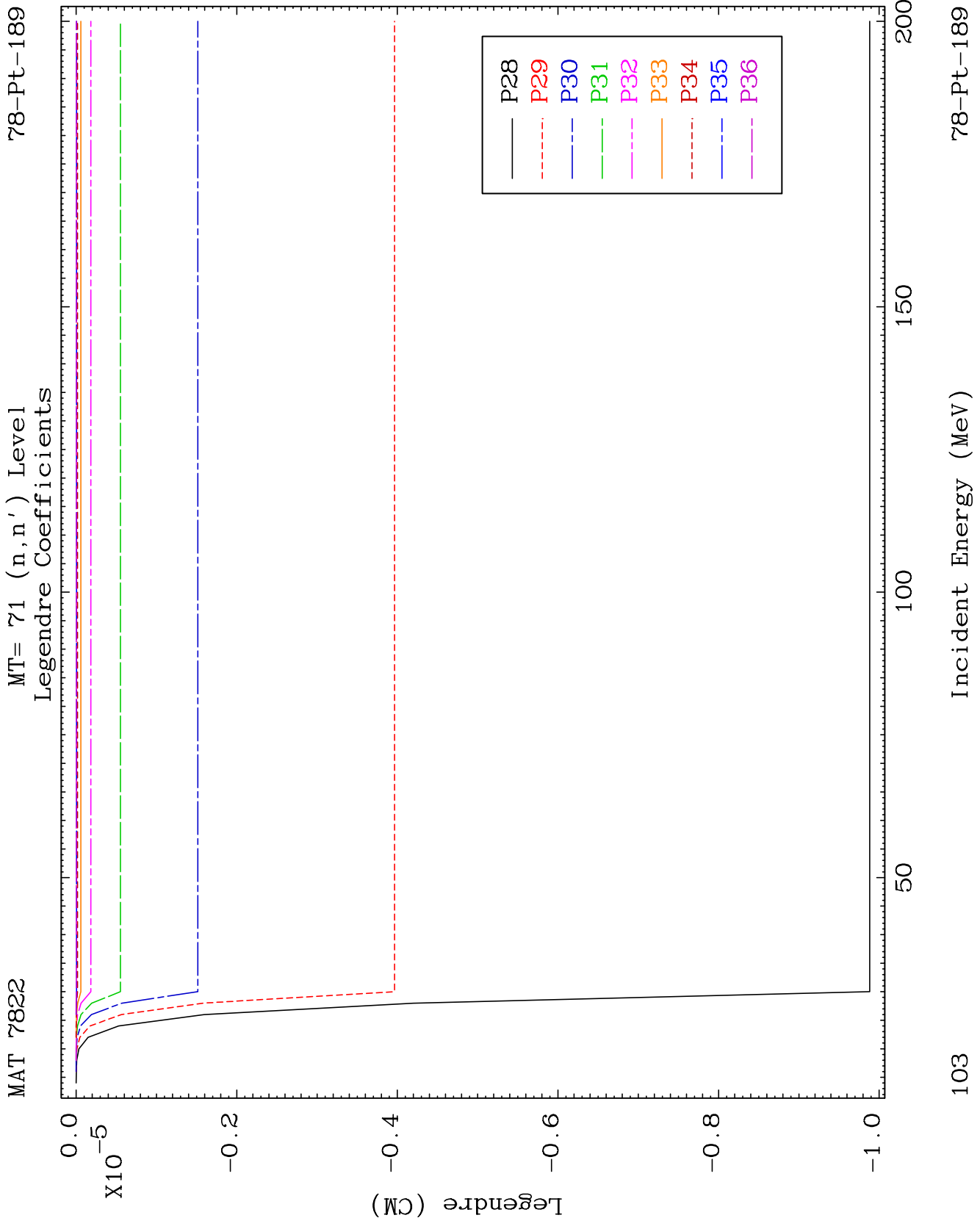
101

MAT 7822

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

78-Pt-189

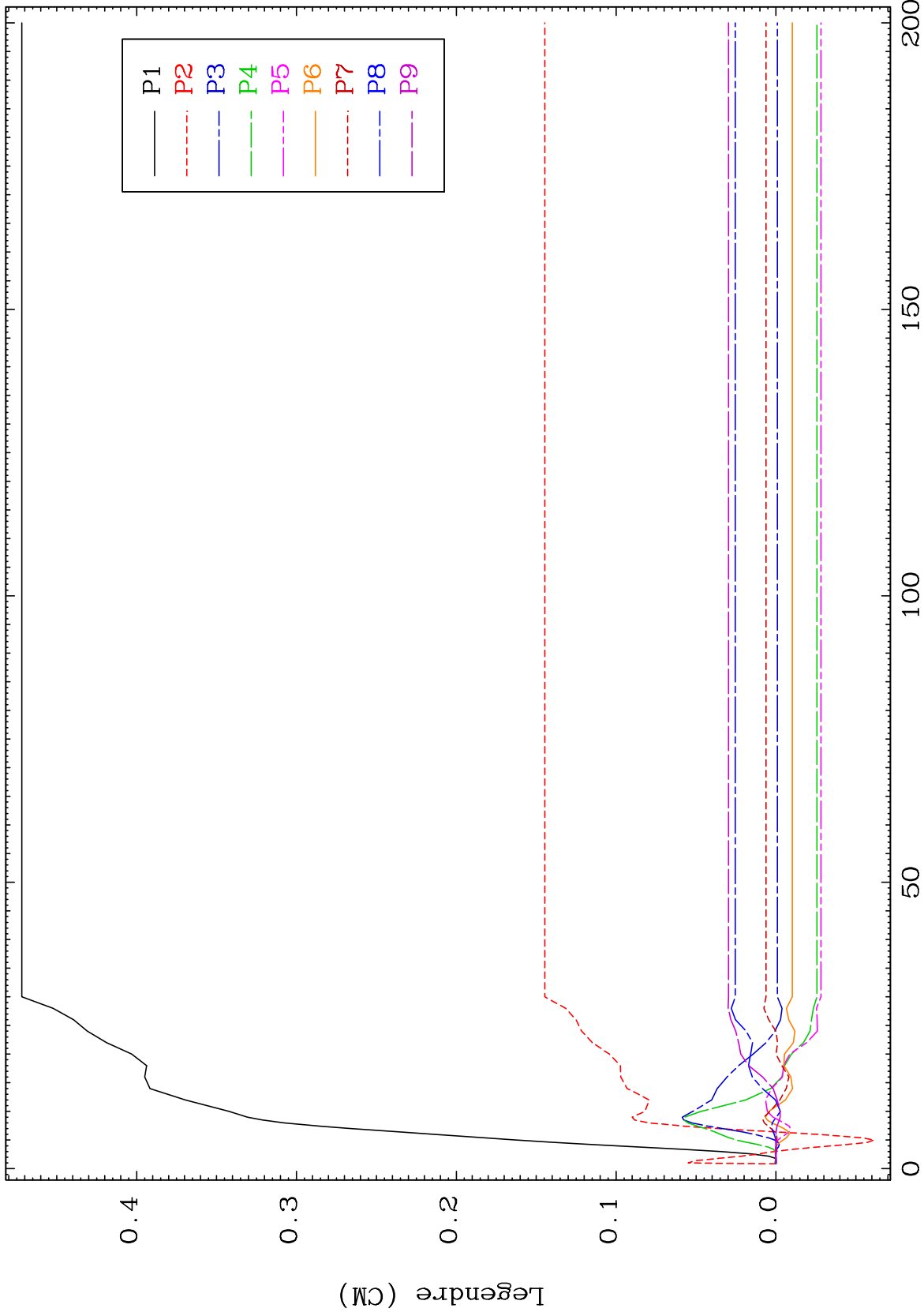




MAT 7822

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

78-Pt-189



104

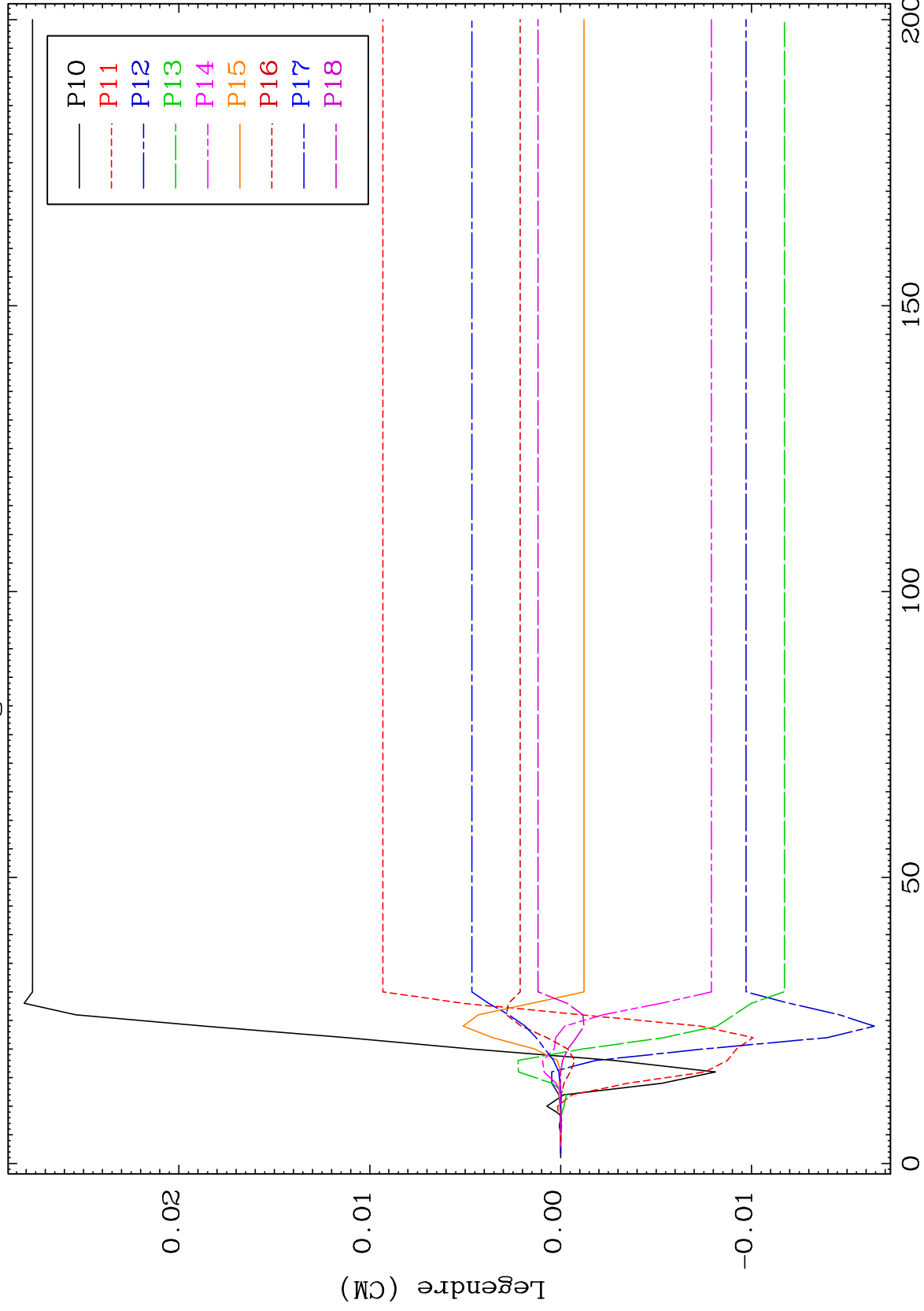
Incident Energy (MeV)

78-Pt-189

MAT 7822

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

78-Pt-189



78-Pt-189

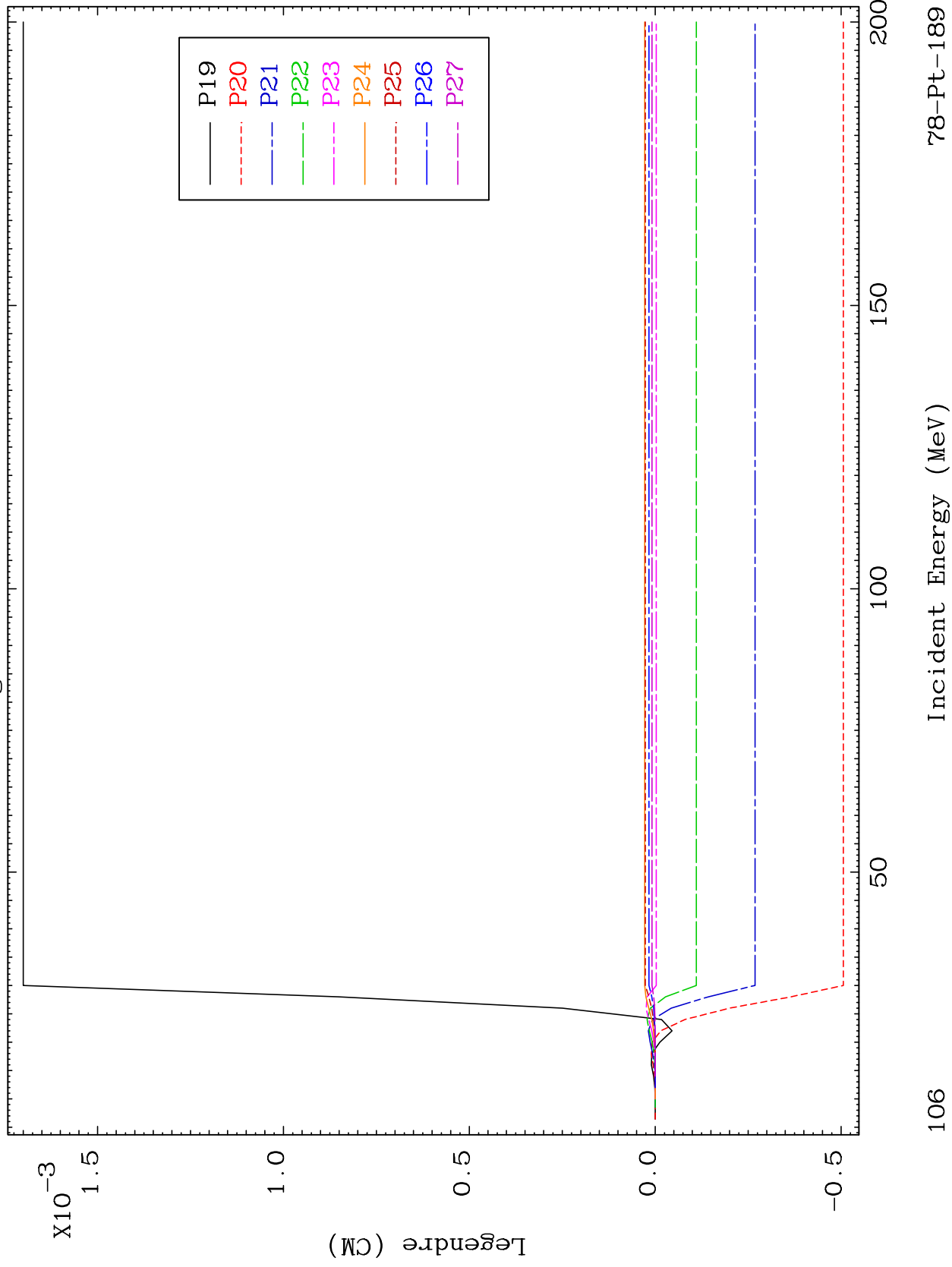
Incident Energy (MeV)

105

MAT 7822

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

78-Pt-189



106

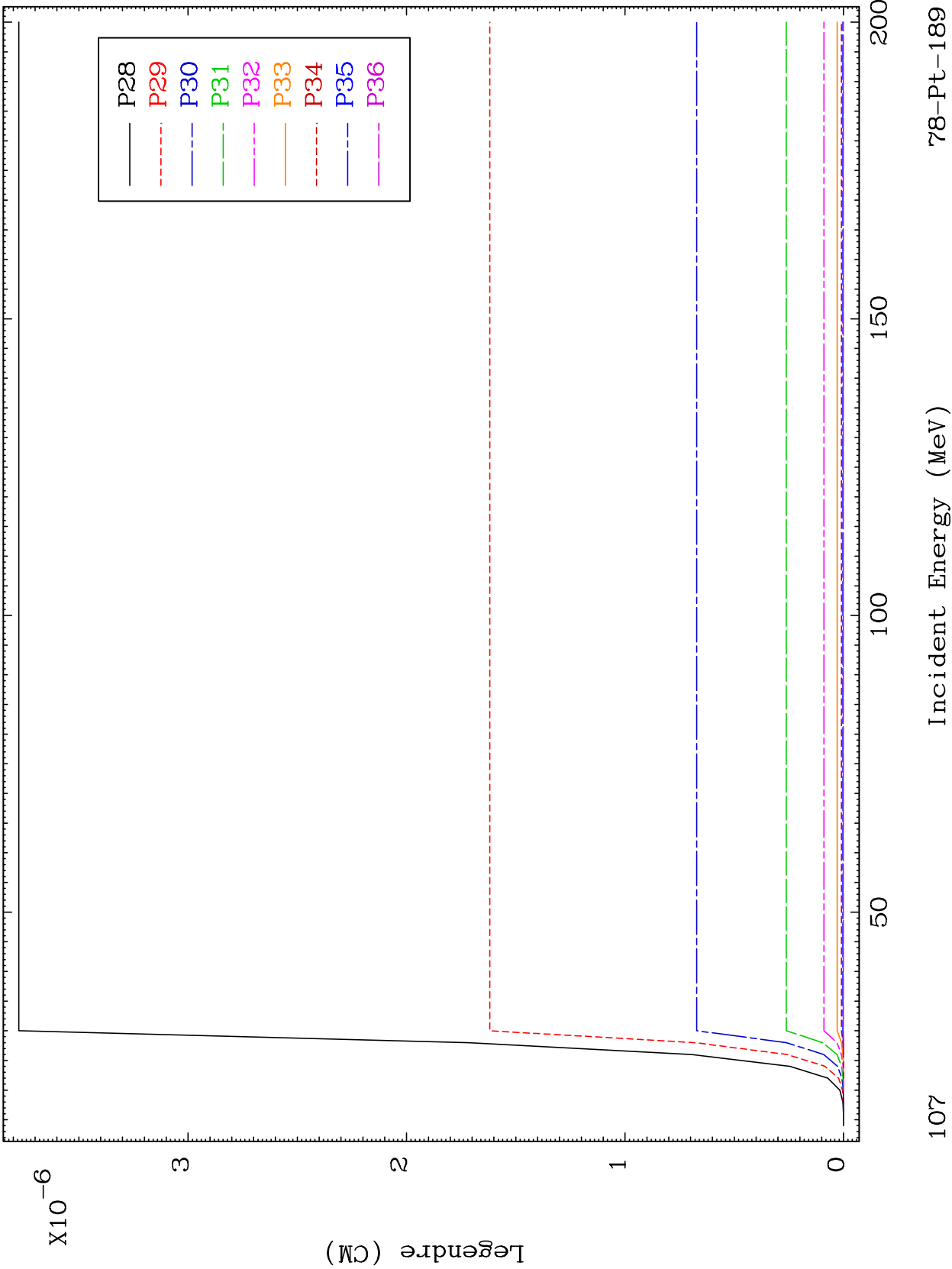
Incident Energy (MeV)

78-Pt-189

MAT 7822

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

78-Pt-189



107

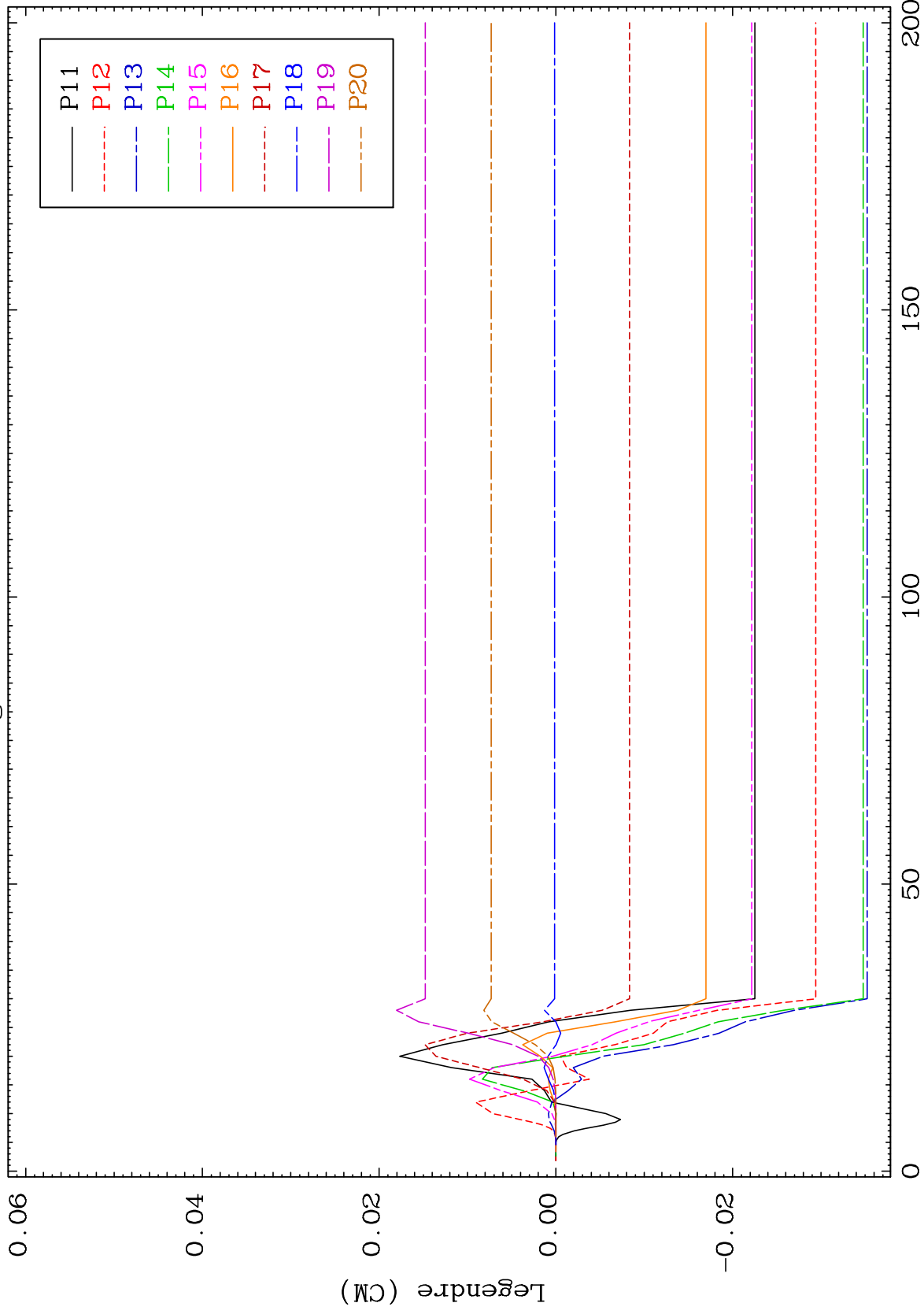
Incident Energy (MeV)

78-Pt-189

MAT 7822

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

78-Pt-189



109

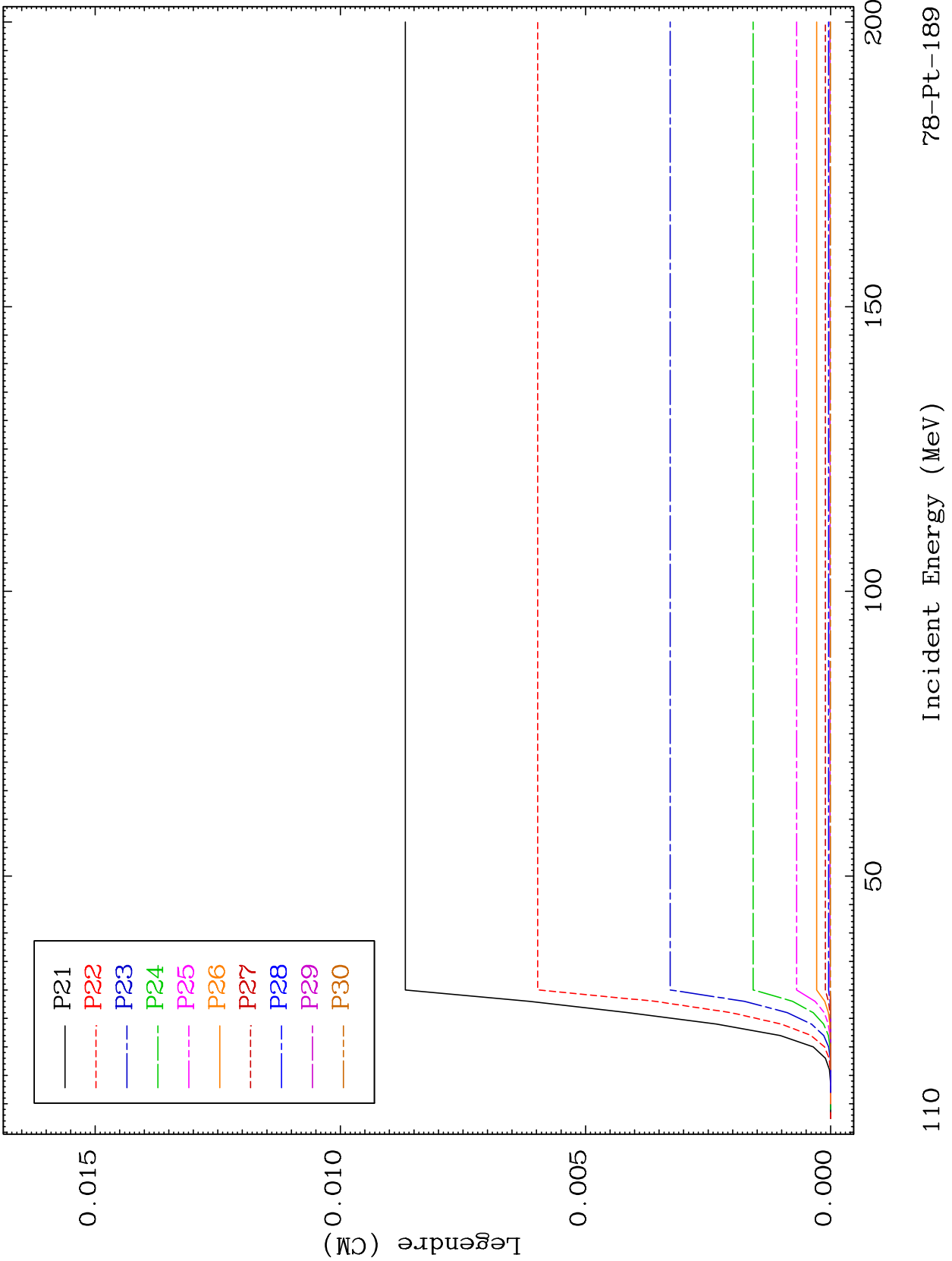
Incident Energy (MeV)

78-Pt-189

MAT 78222

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

78-Pt-189



110

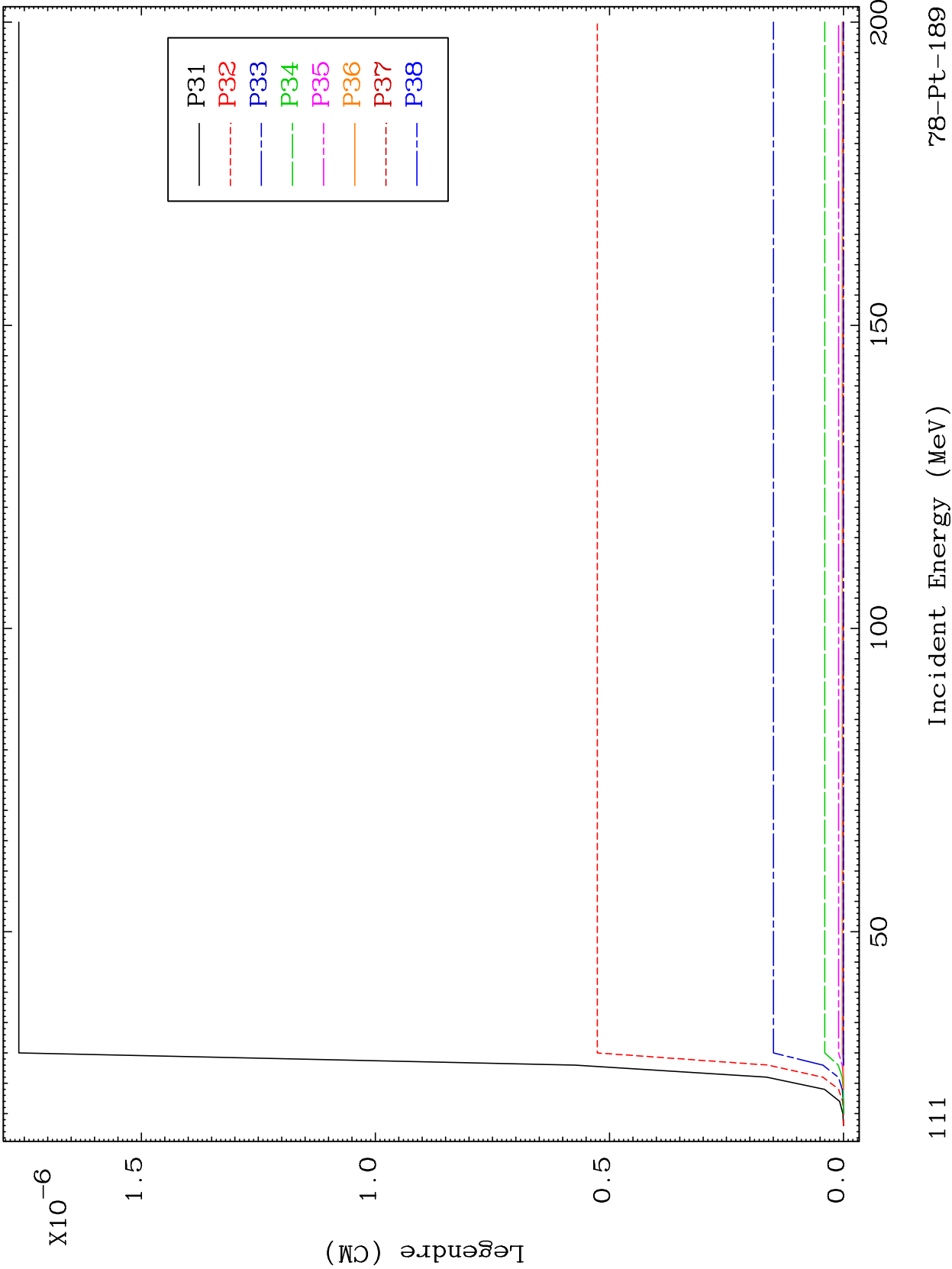
Incident Energy (MeV)

78-Pt-189

MAT 7822

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

78-Pt-189



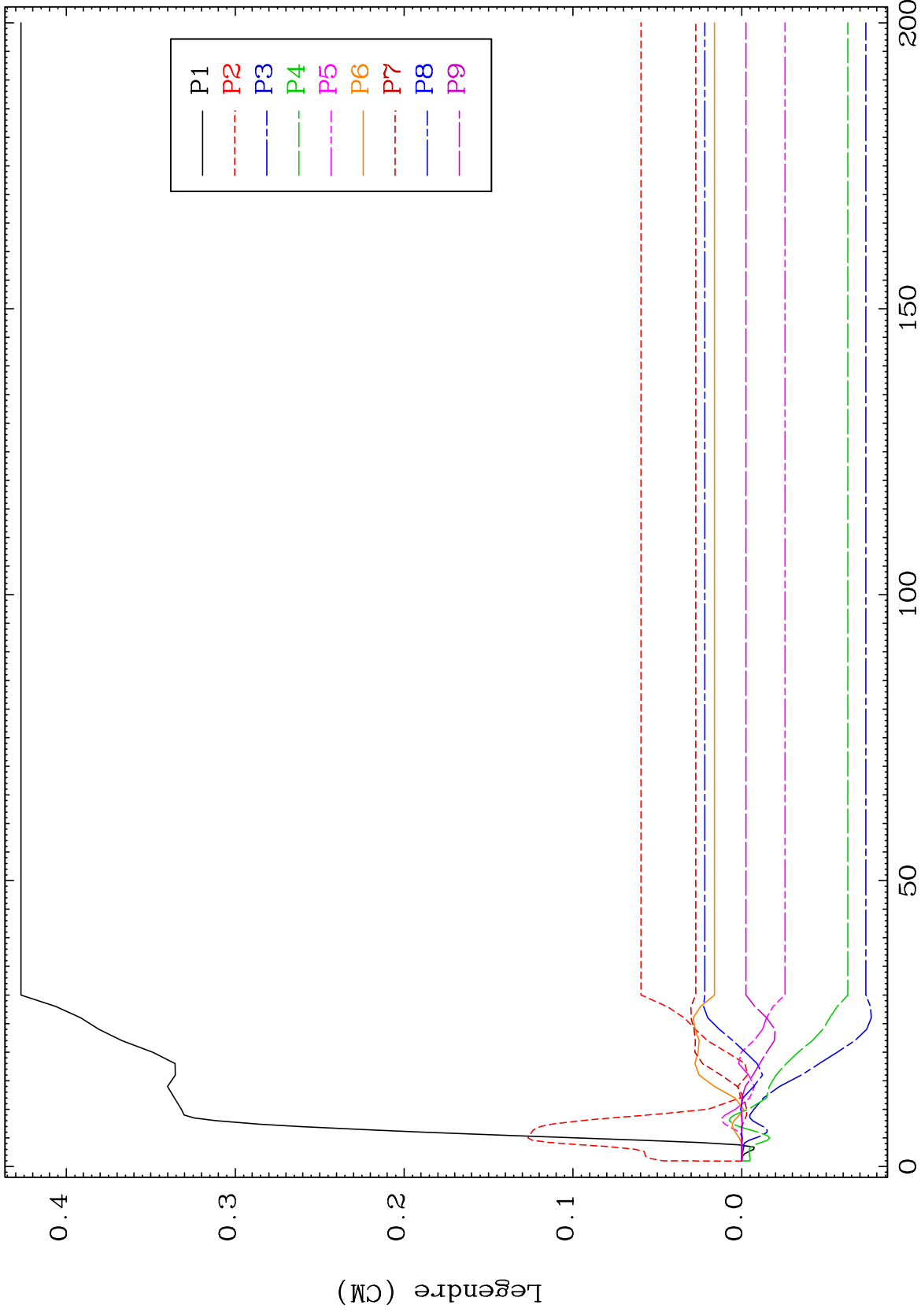
111

78-Pt-189

MAT 7822

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

78-Pt-189



112

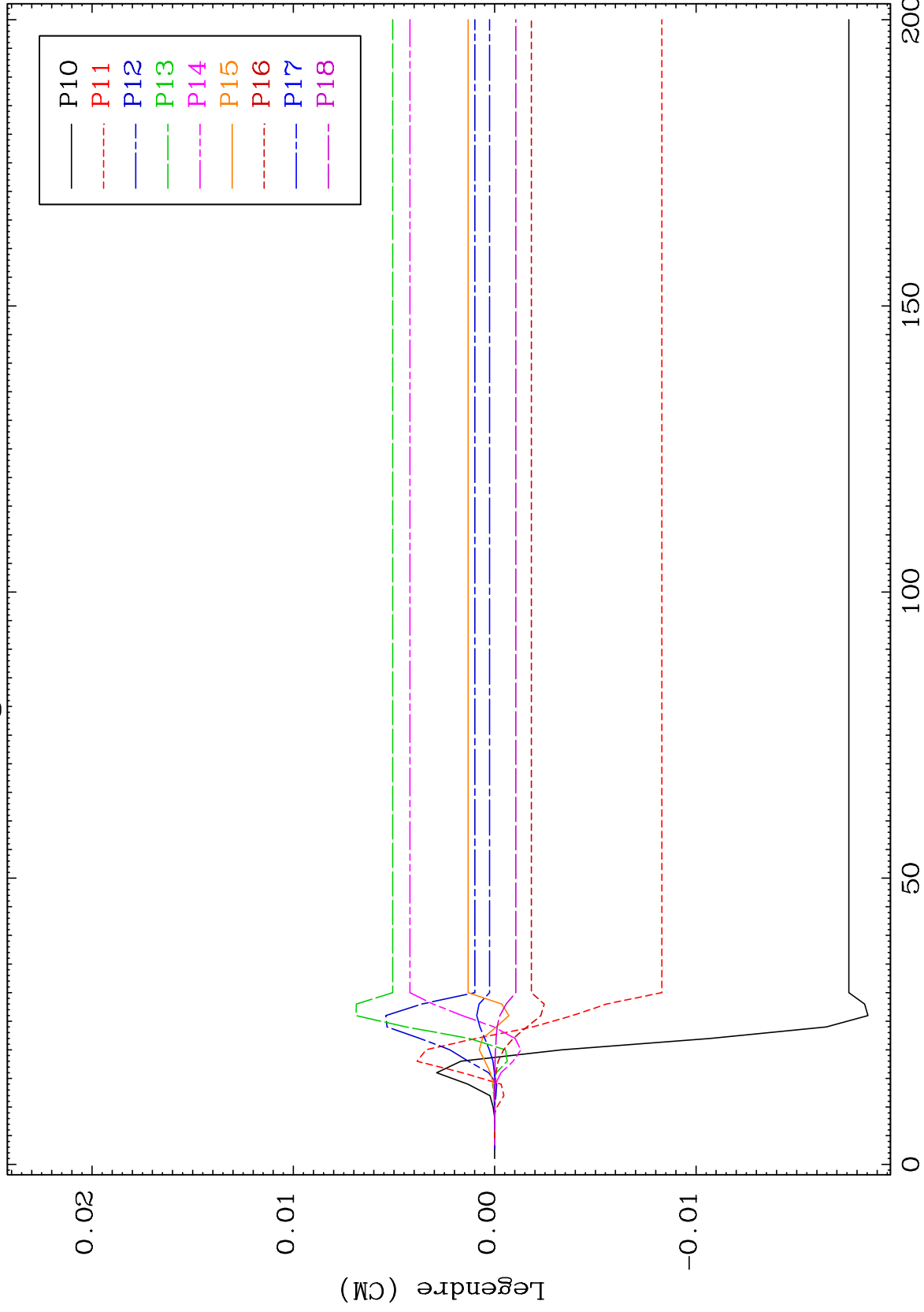
Incident Energy (MeV)

78-Pt-189

MAT 7822

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

78-Pt-189



113

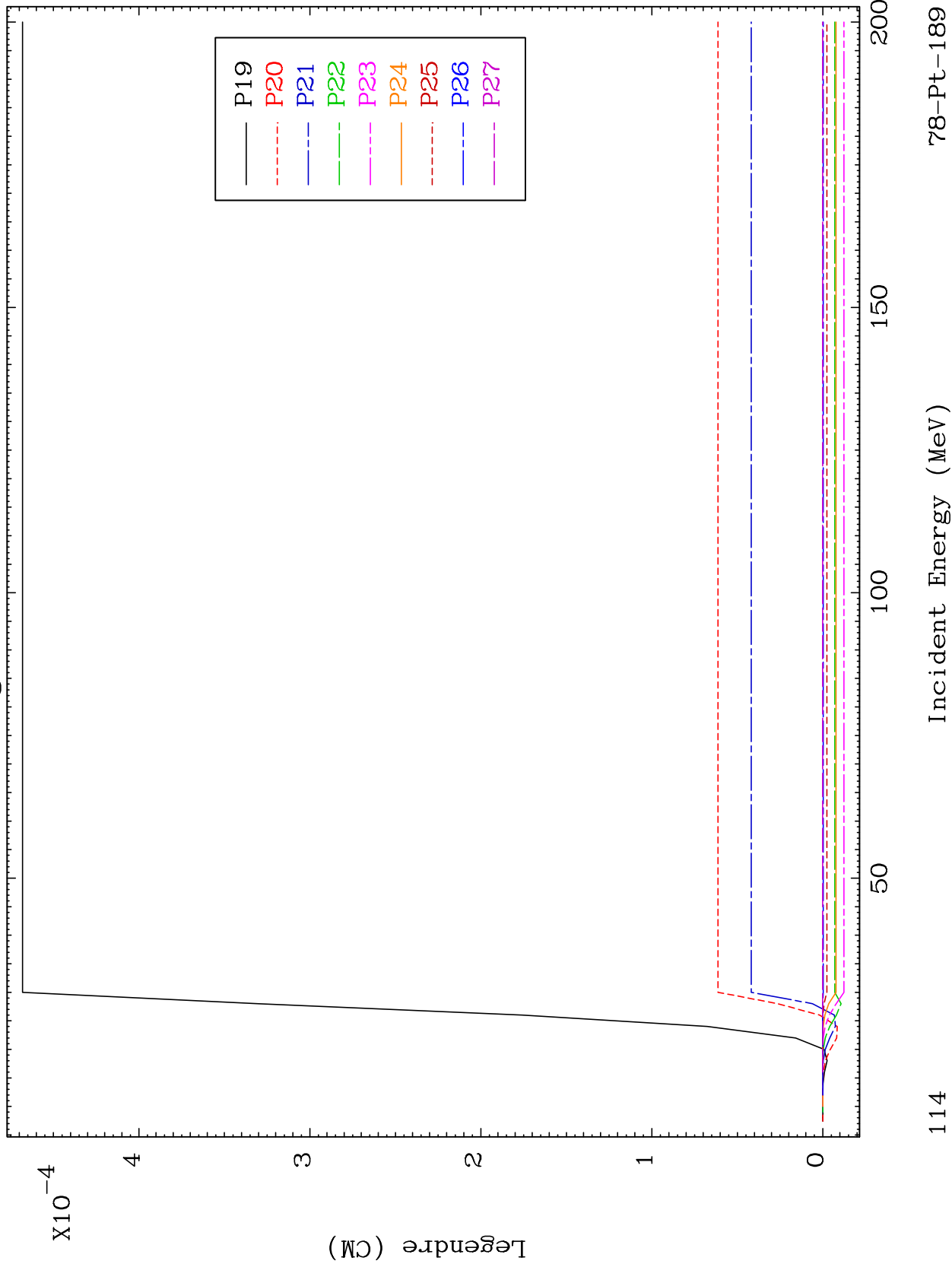
Incident Energy (MeV)

78-Pt-189

MAT 7822

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

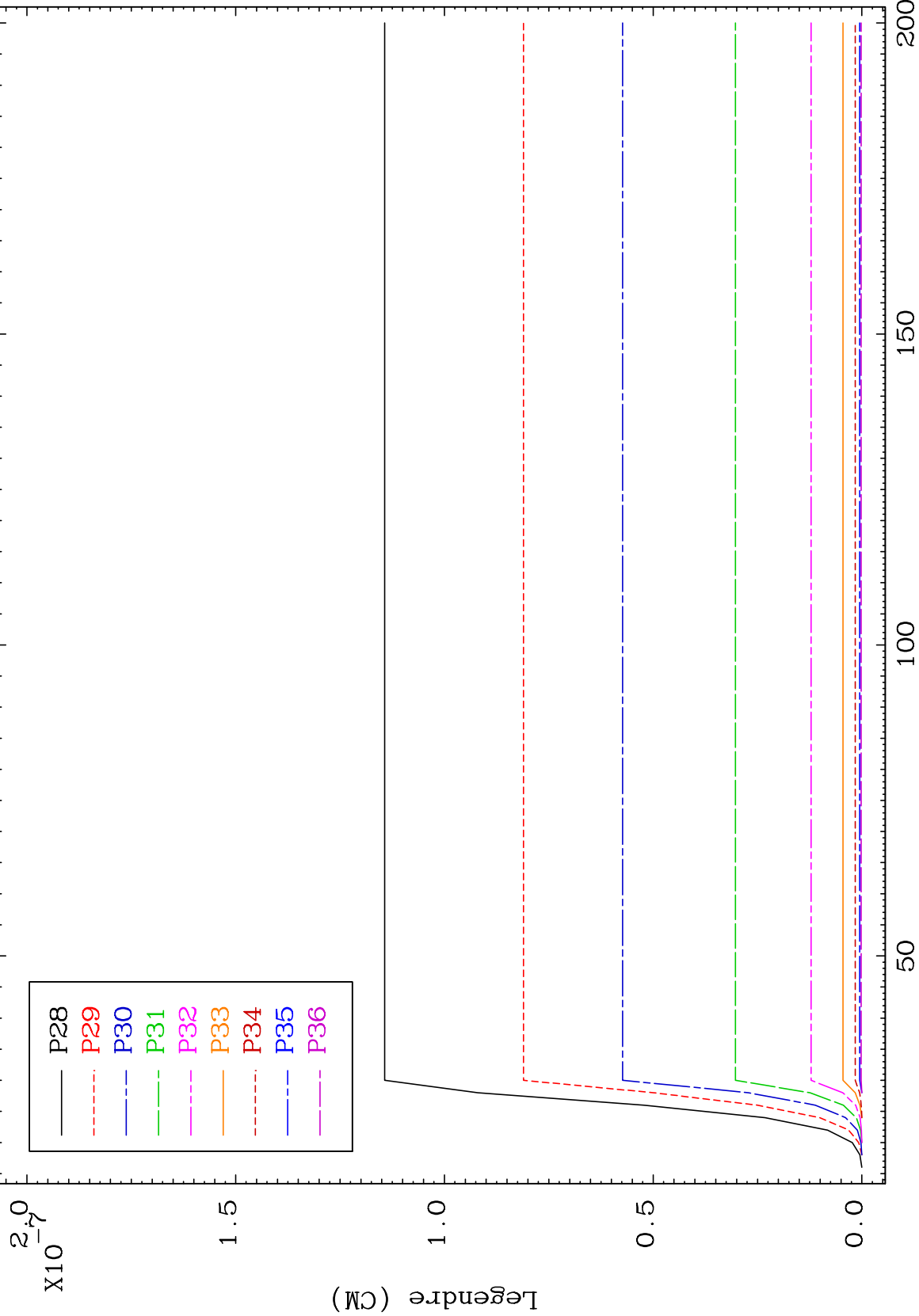
78-Pt-189



MAT 78222

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

78-Pt-189



115

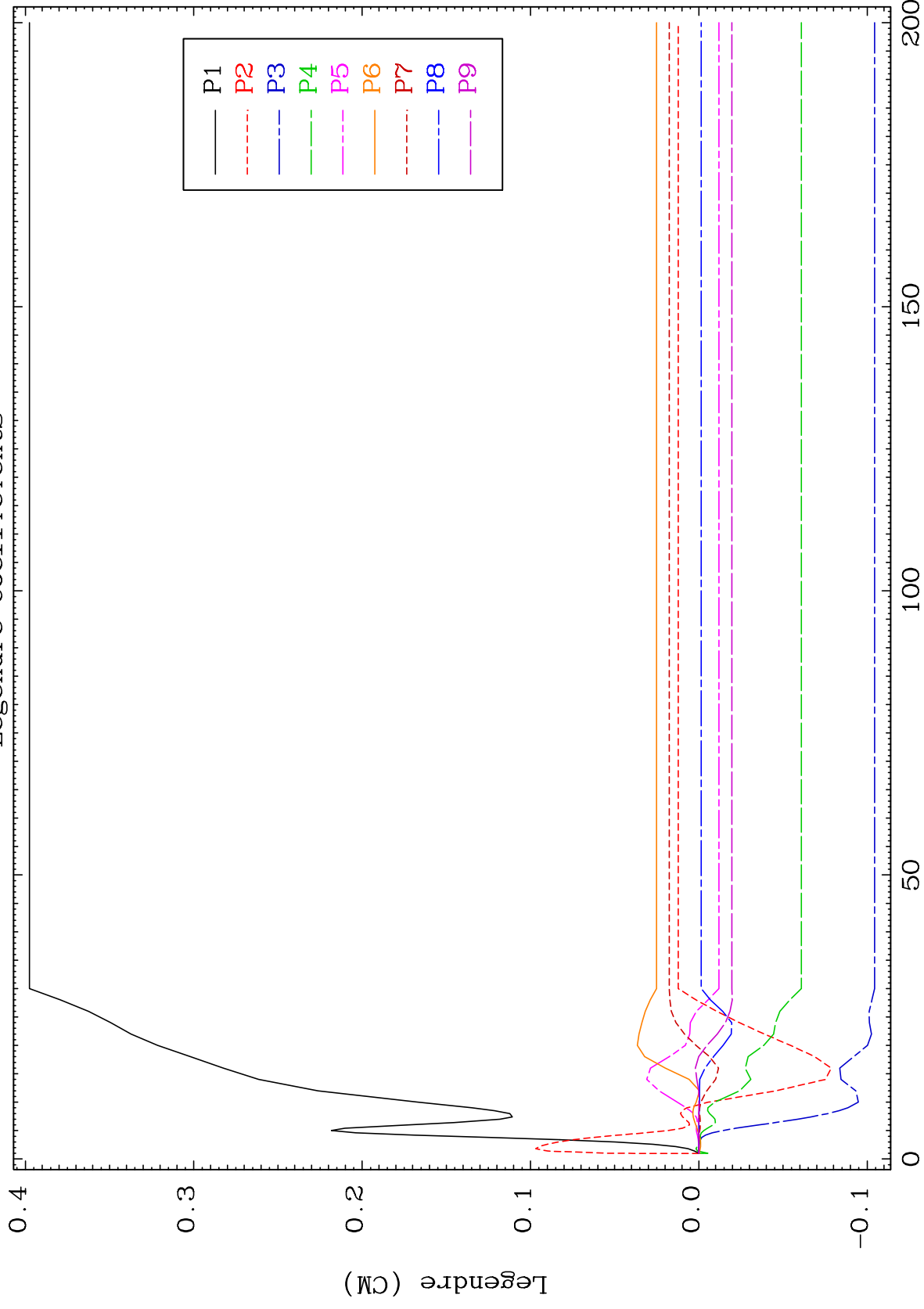
Incident Energy (MeV)

78-Pt-189

MAT 78222

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

78-Pt-189



116

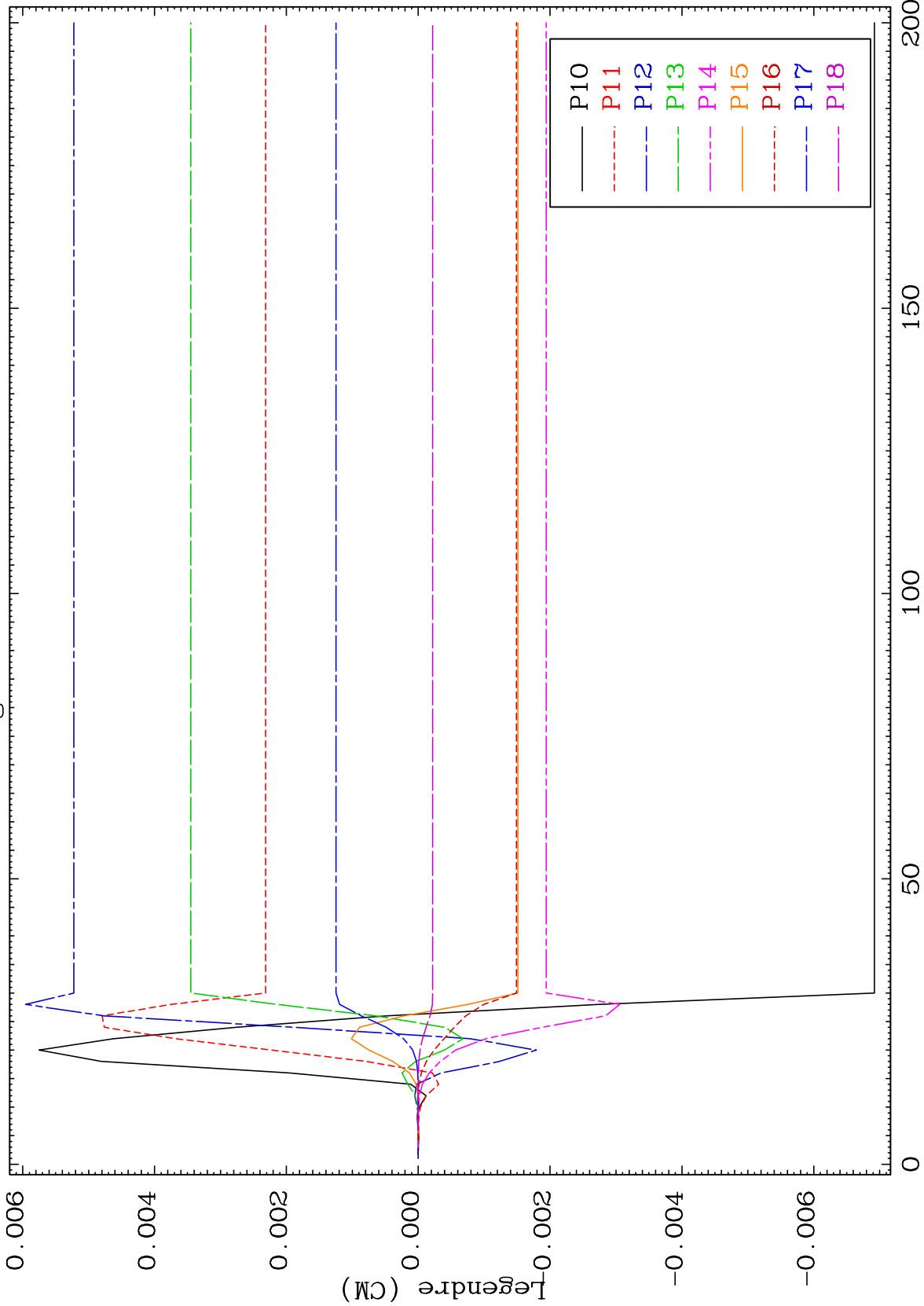
Incident Energy (MeV)

78-Pt-189

MAT 78222

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

78-Pt-189



117

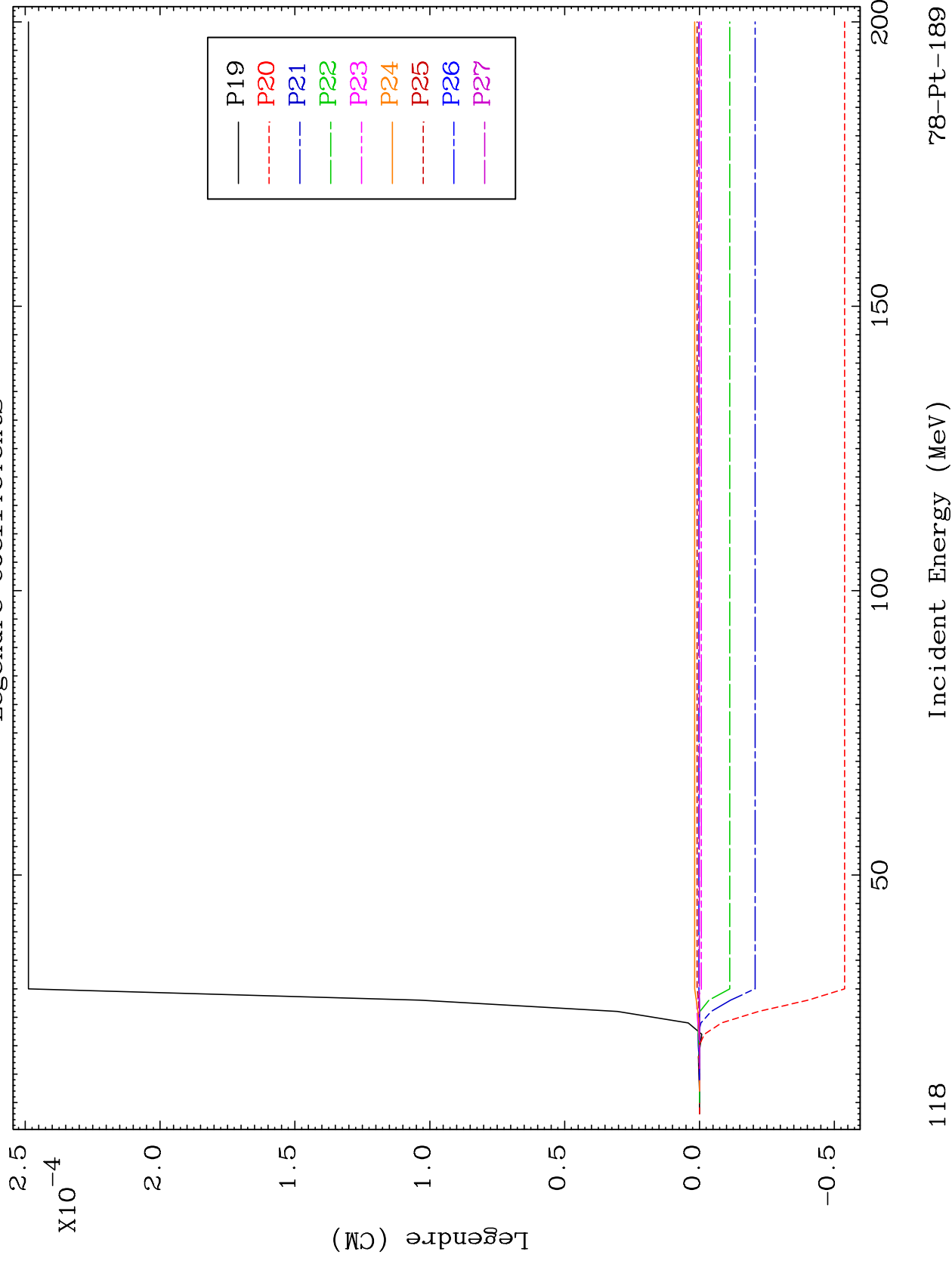
Incident Energy (MeV)

78-Pt-189

MAT 78222

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

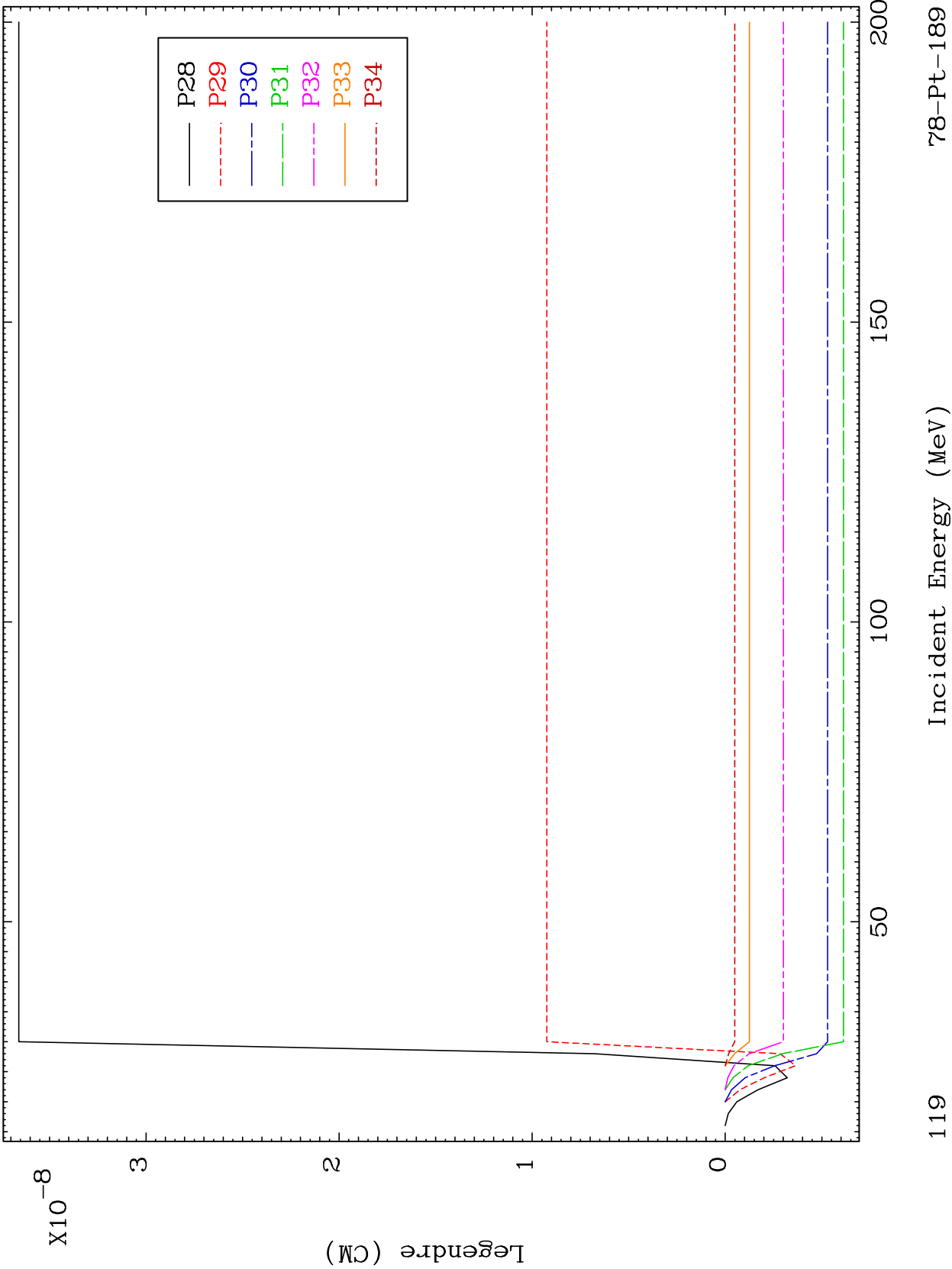
78-Pt-189



118

Incident Energy (MeV)

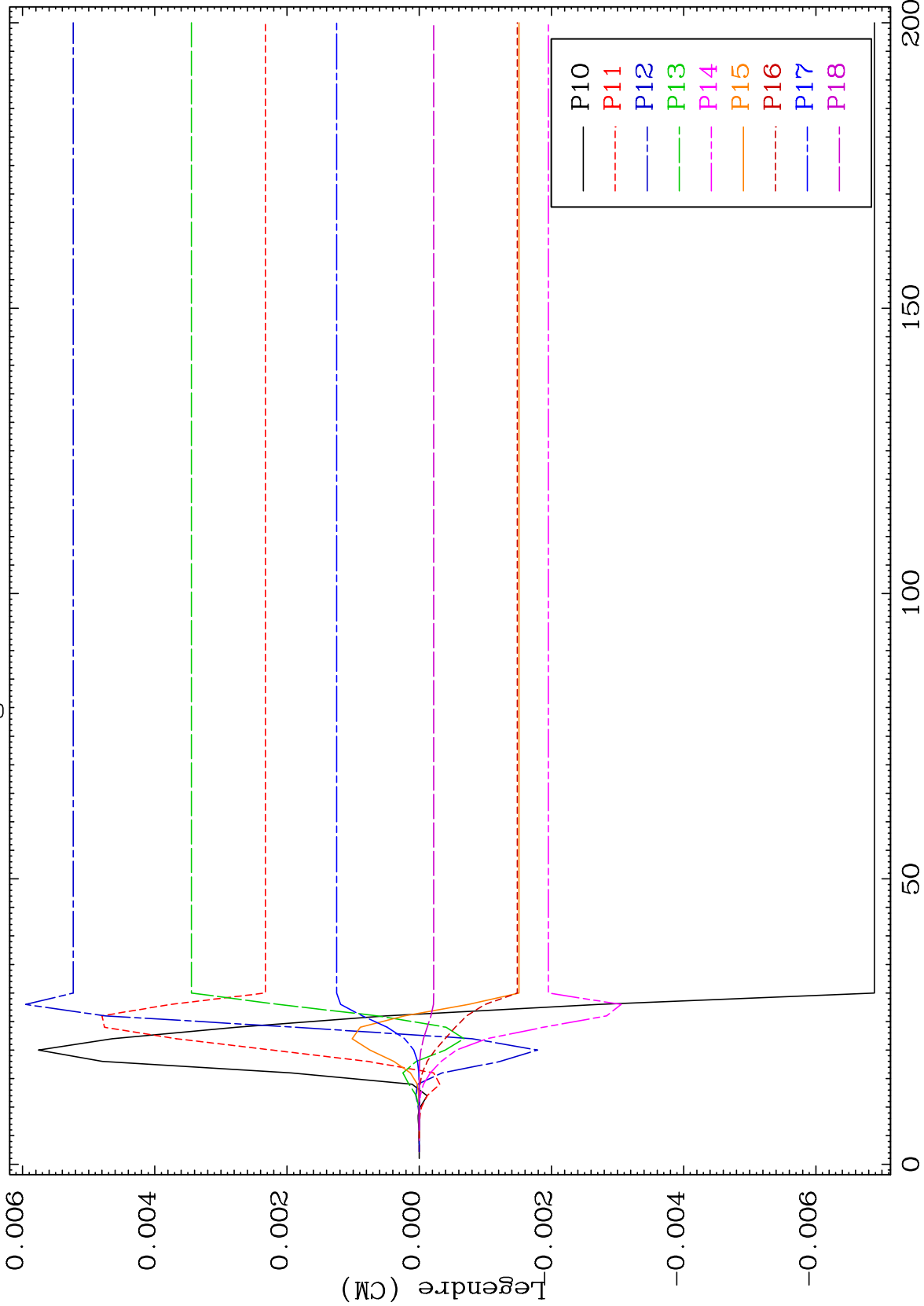
78-Pt-189



MAT 78222

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

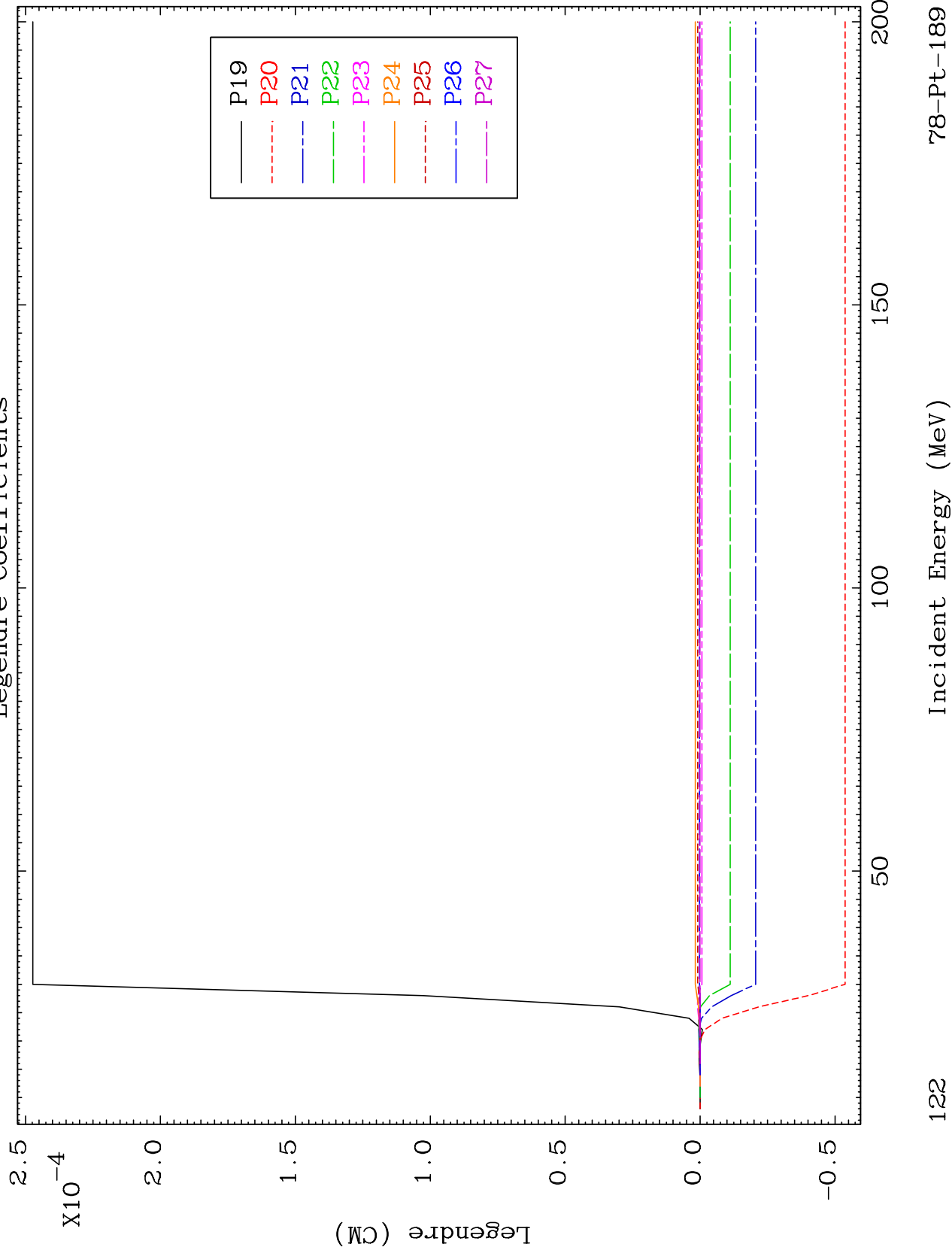
78-Pt-189



121

Incident Energy (MeV)

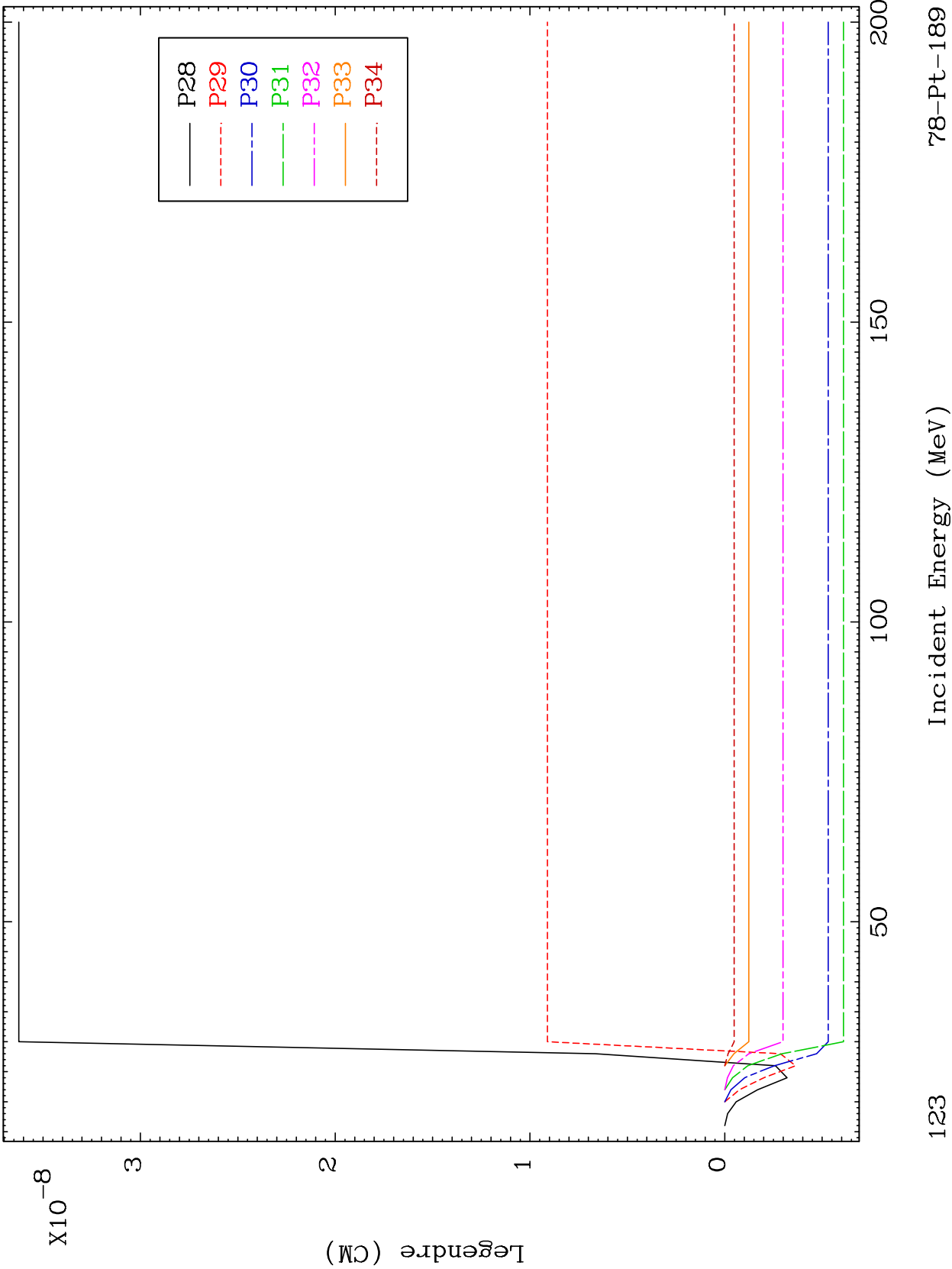
78-Pt-189



MAT 7822

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

78-Pt-189

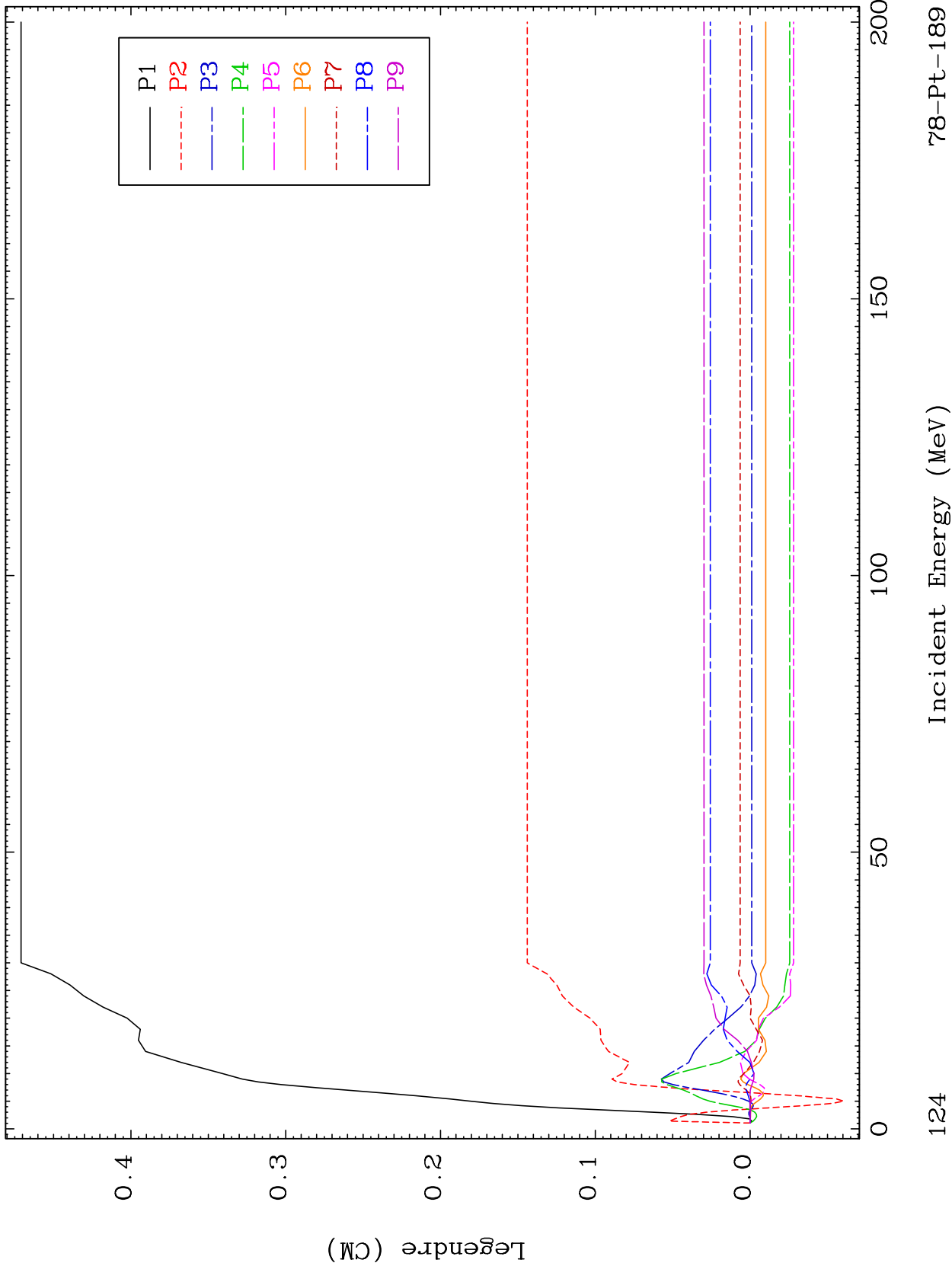


123

MAT 7822

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

78-Pt-189



78-Pt-189

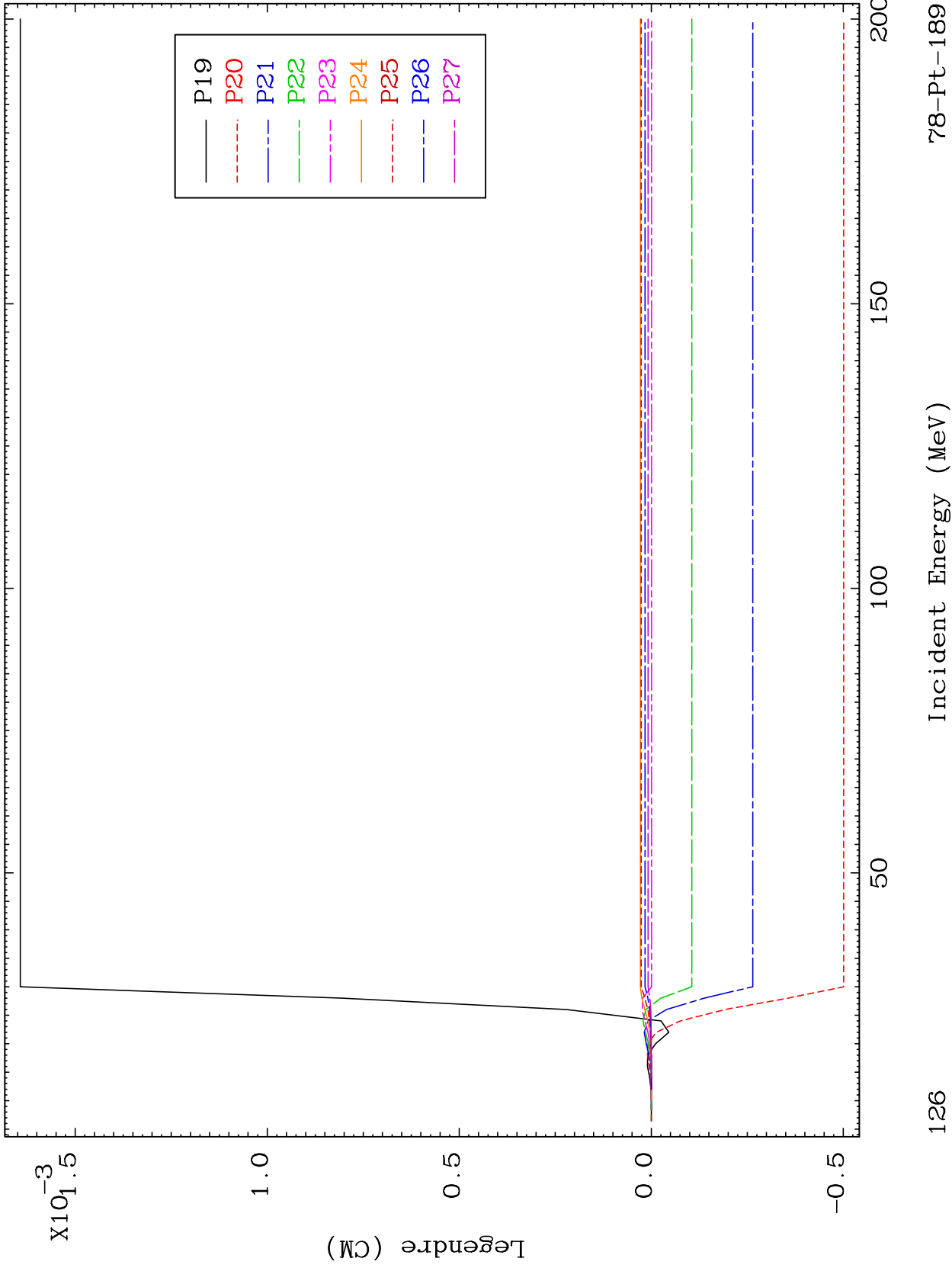
Incident Energy (MeV)

124

MAT 7822

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

78-Pt-189



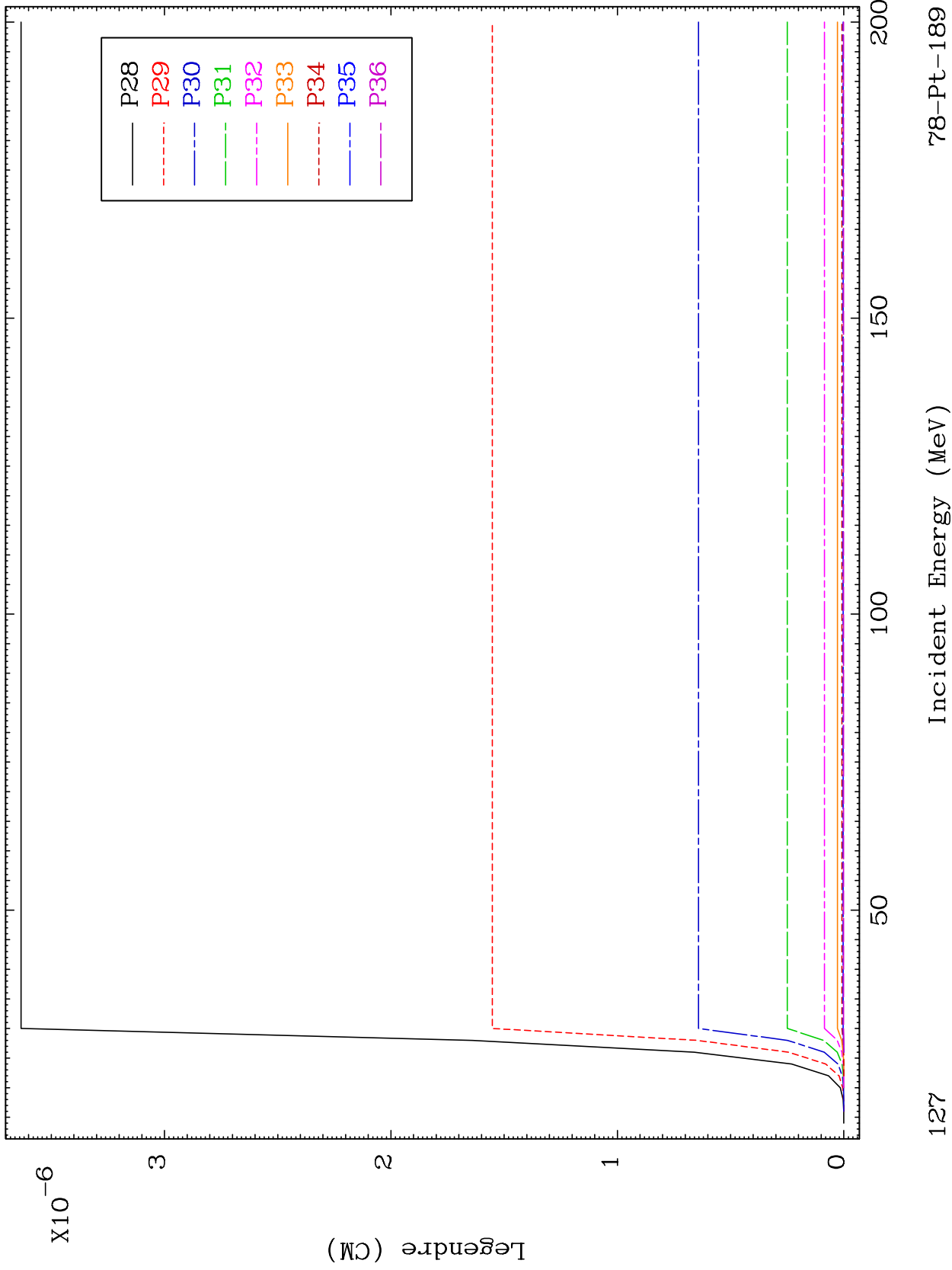
126

78-Pt-189

MAT 7822

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

78-Pt-189



127

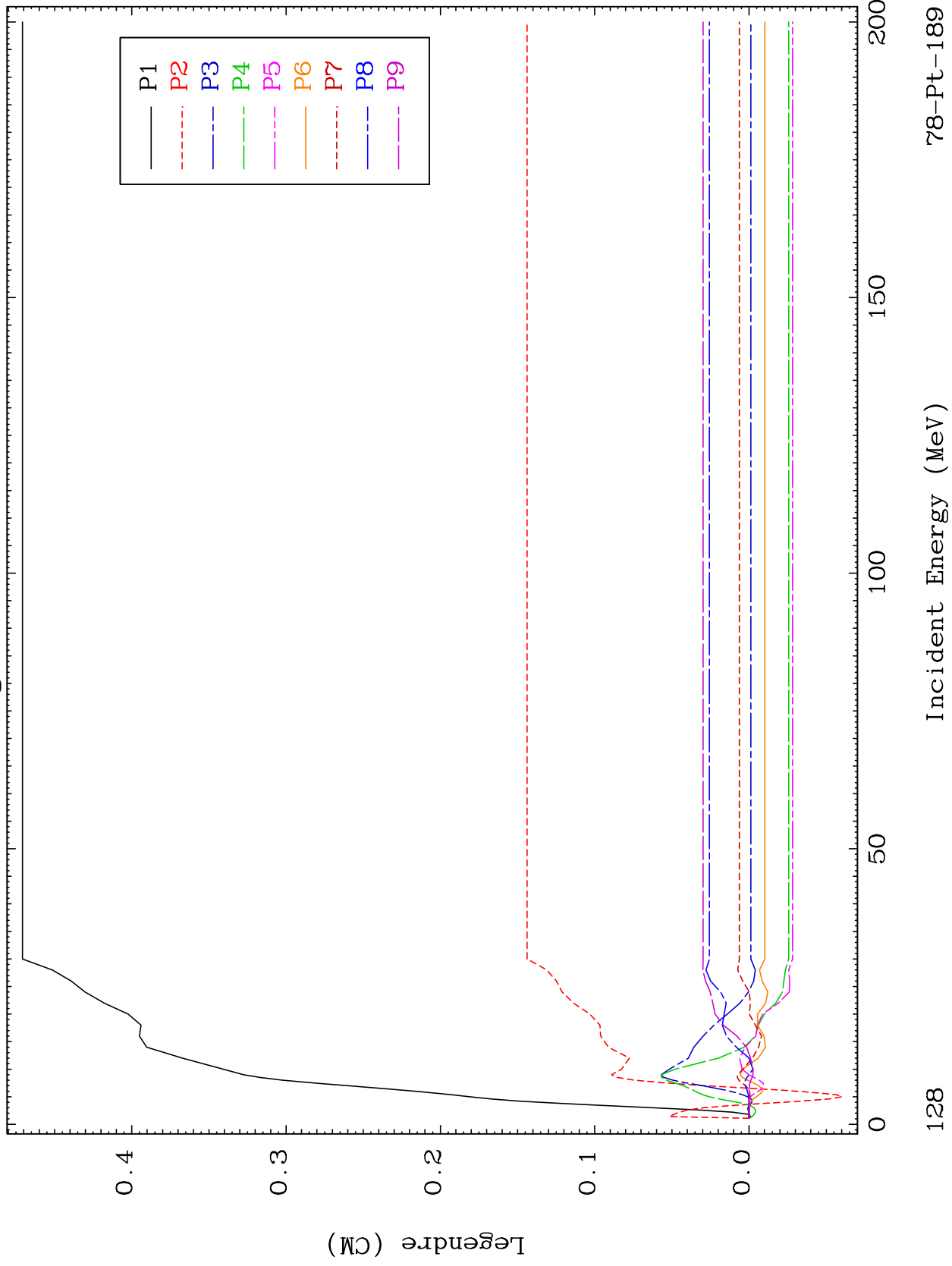
Incident Energy (MeV)

78-Pt-189

MAT 7822

MT= 78 (n,n') Level
Legendre Coefficients

78-Pt-189



78-Pt-189

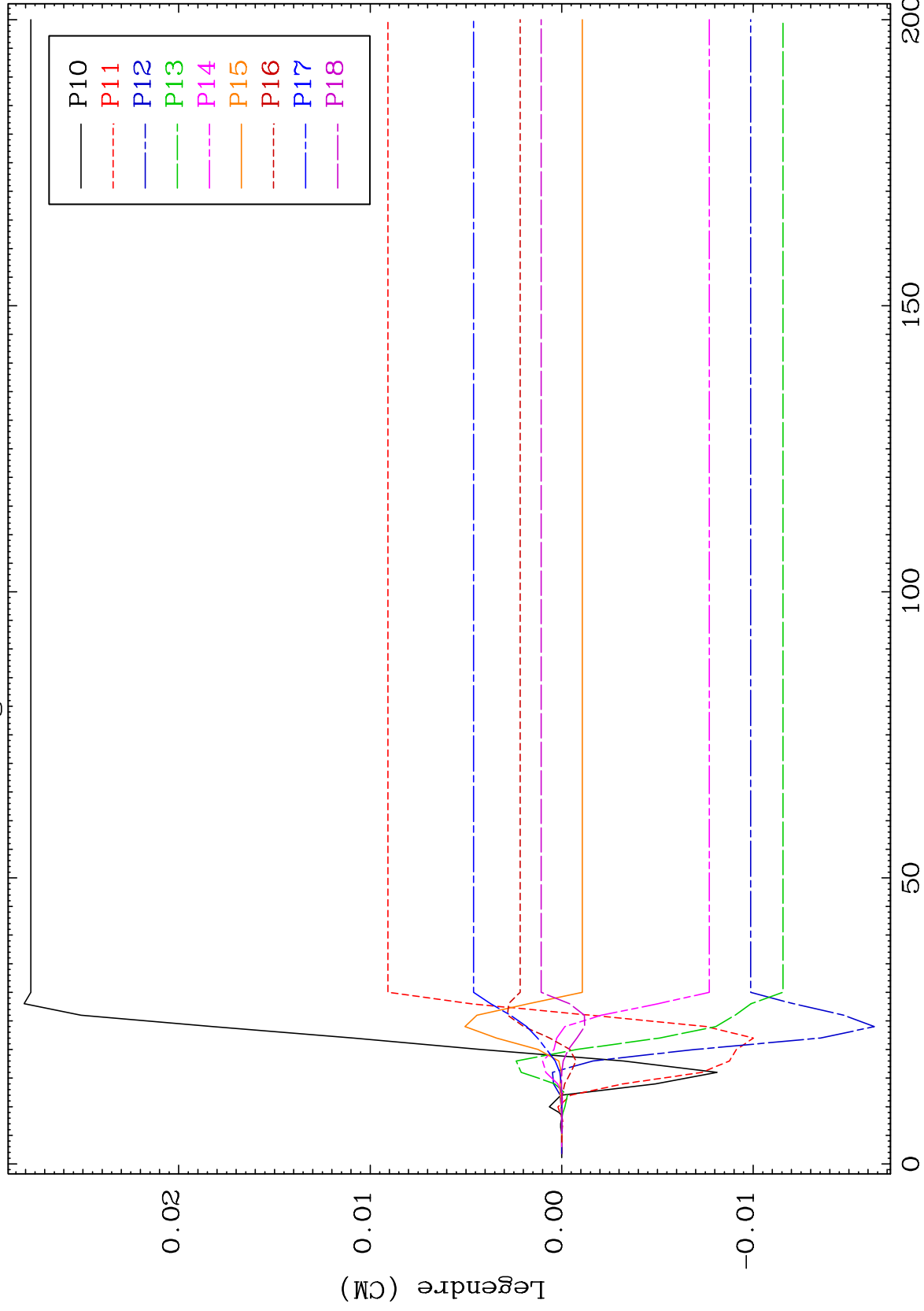
Incident Energy (MeV)

128

MAT 7822

MT= 78 (n,n') Level
Legendre Coefficients

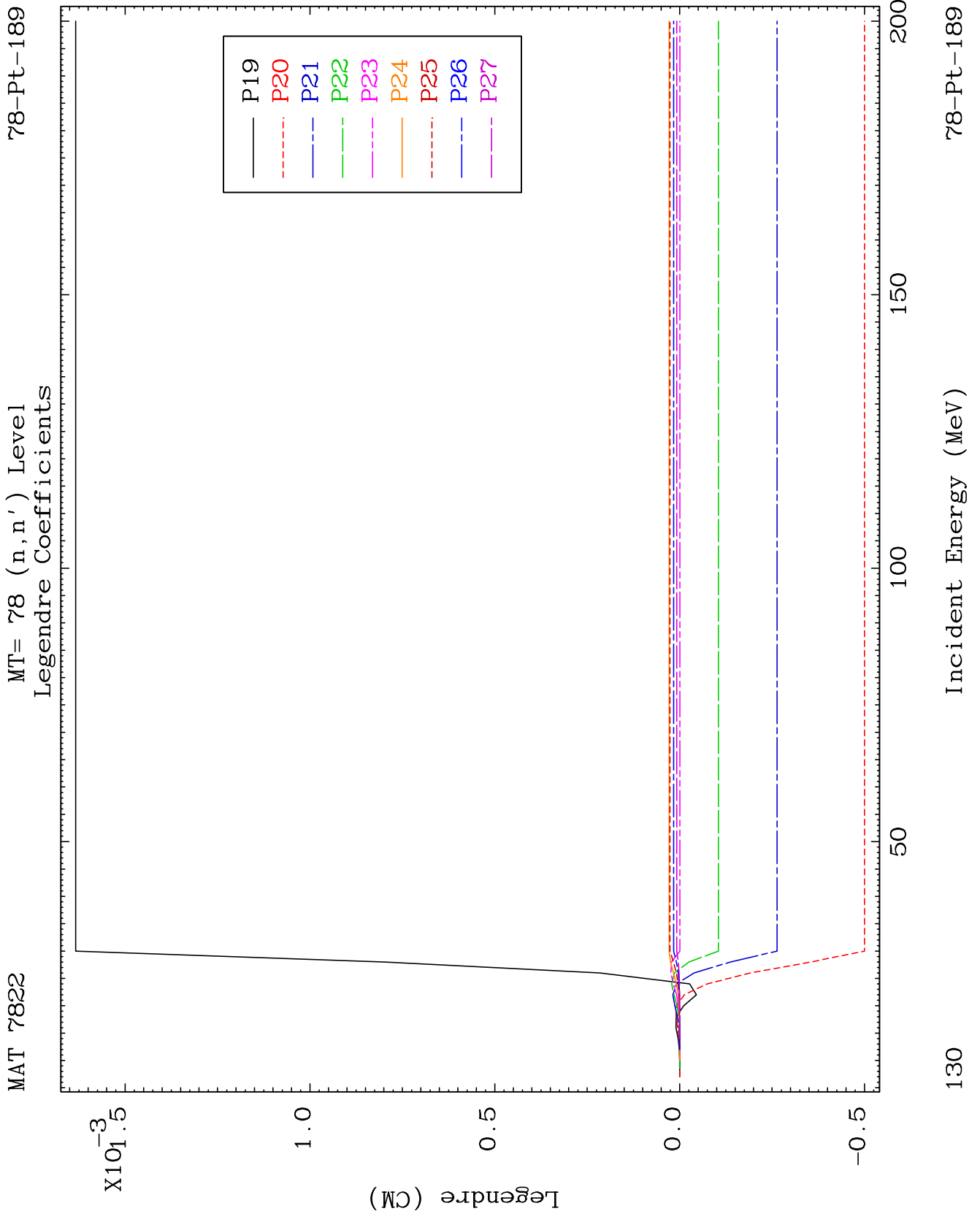
78-Pt-189



129

Incident Energy (MeV)

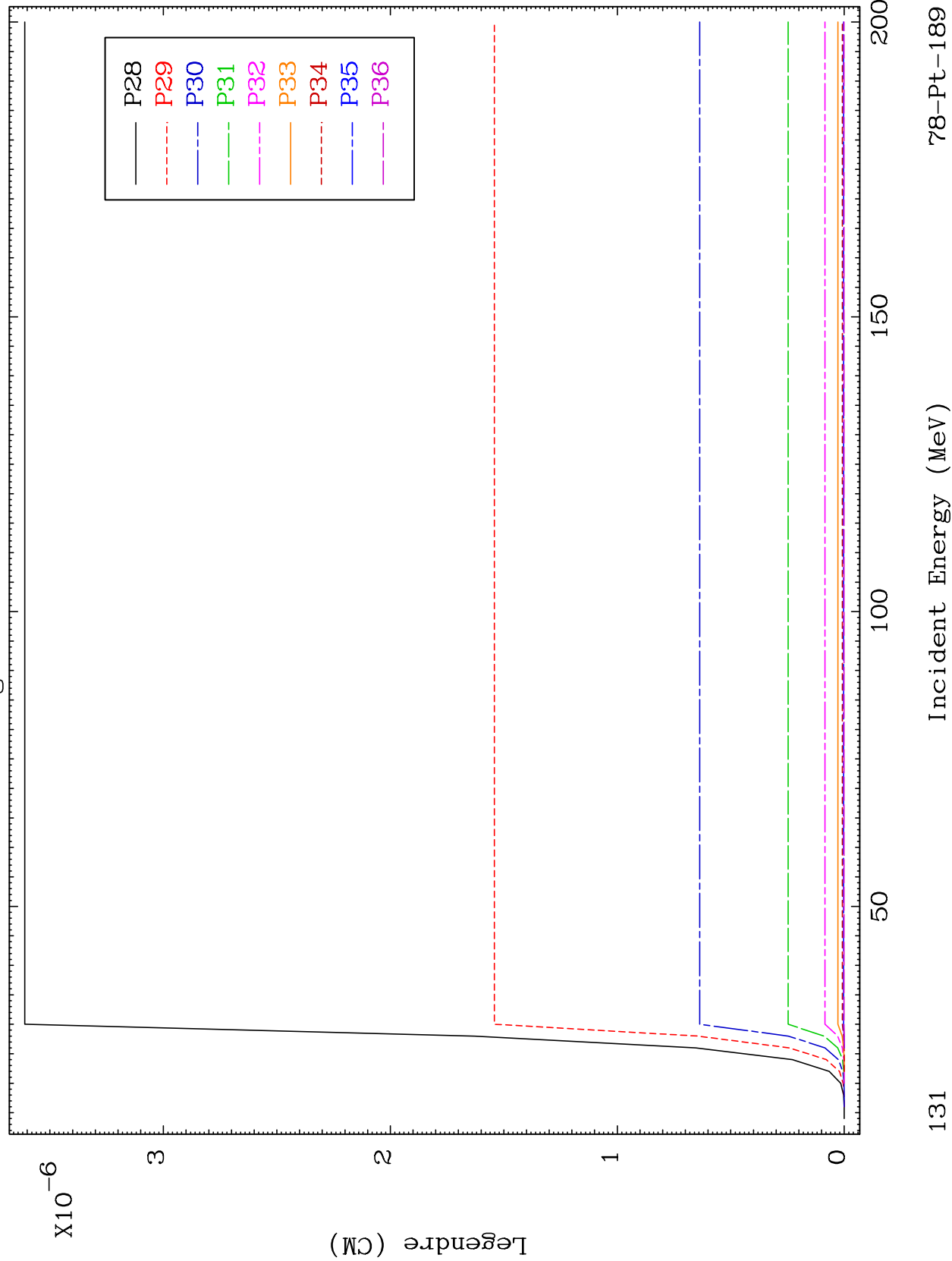
78-Pt-189



MAT 7822

MT= 78 (n,n') Level
Legendre Coefficients

78-Pt-189



131

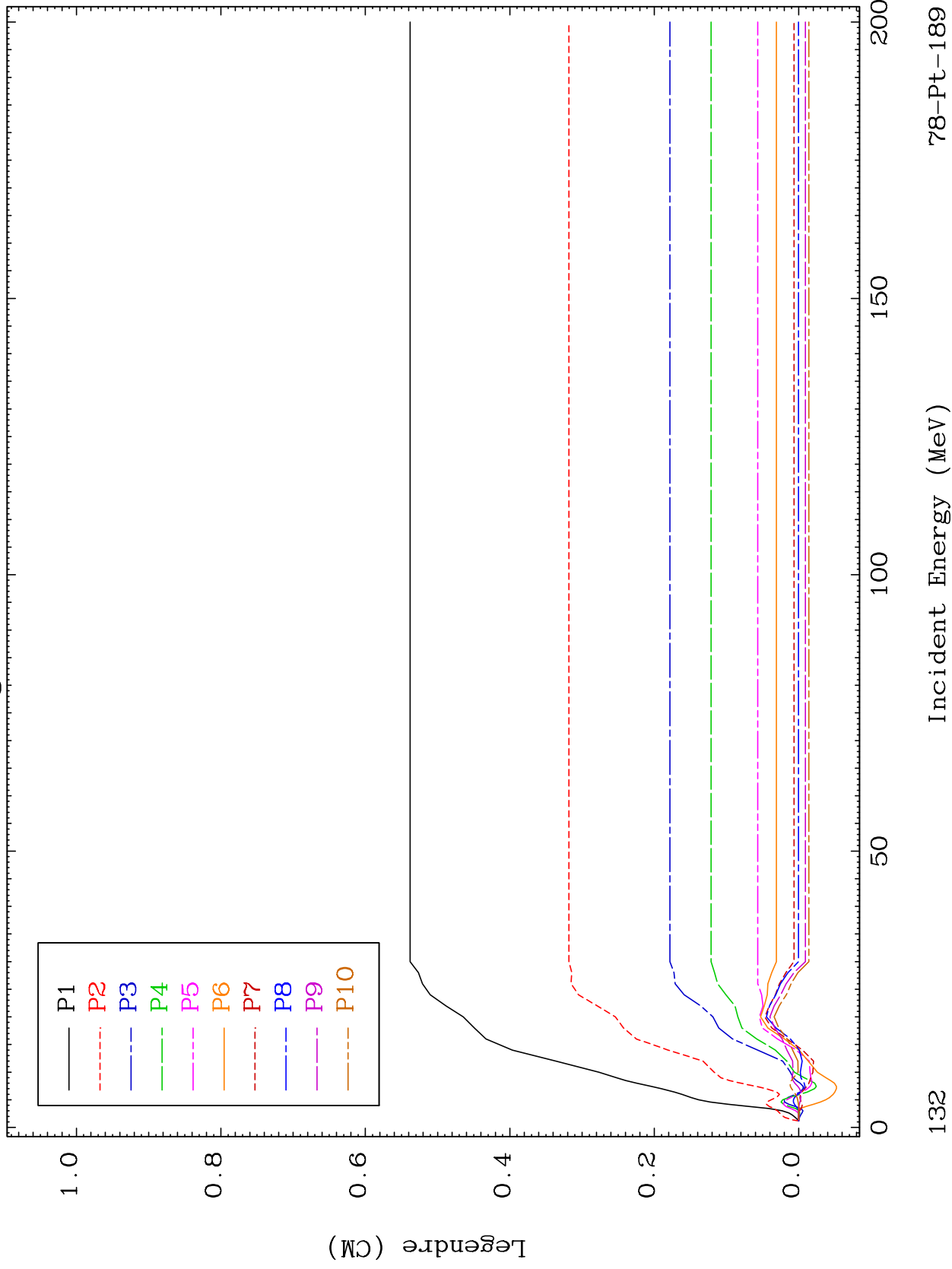
Incident Energy (MeV)

78-Pt-189

MAT 7822

MT= 79 (n,n') Level
Legendre Coefficients

78-Pt-189

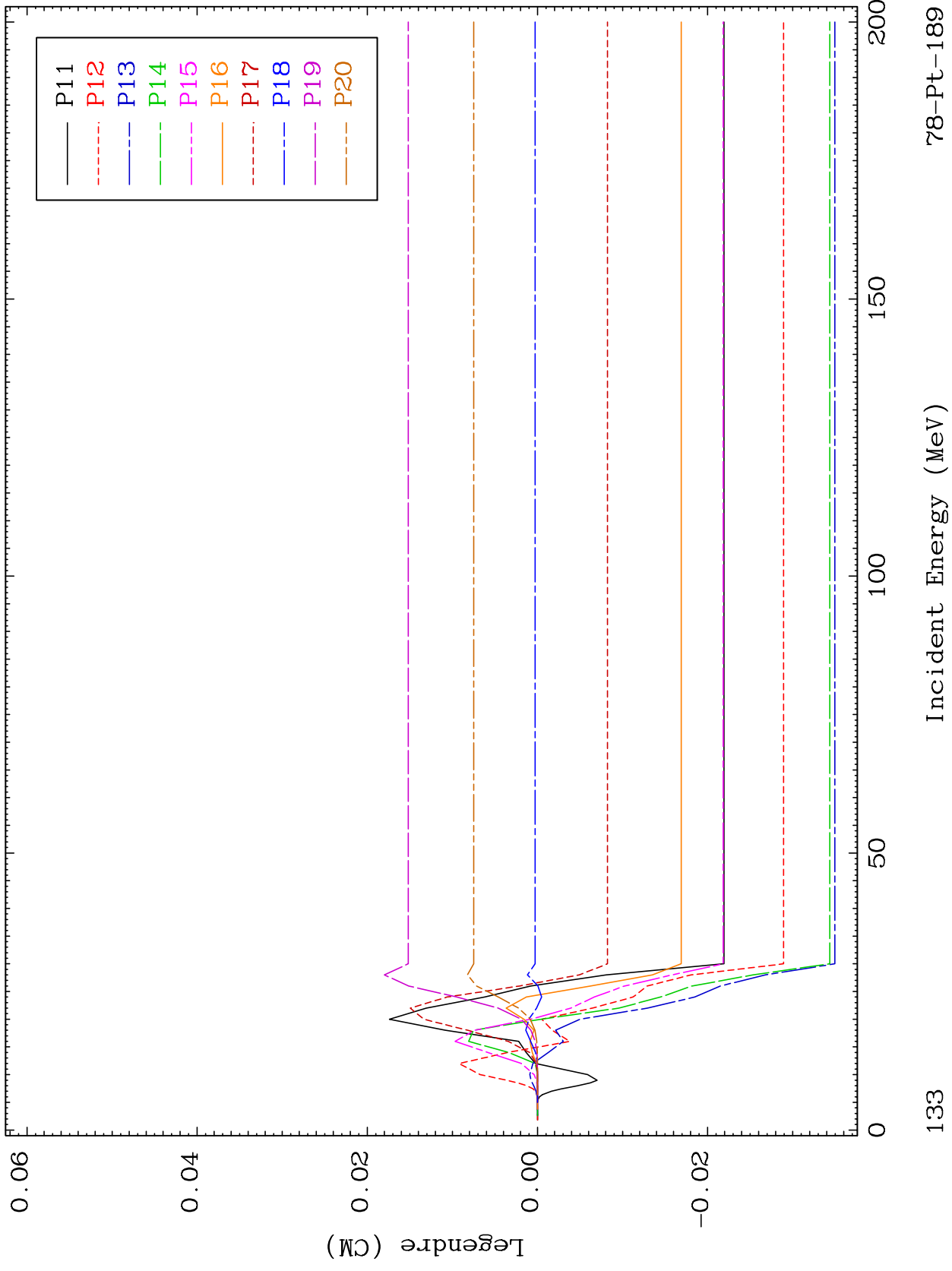


132

MAT 7822

MT= 79 (n,n') Level
Legendre Coefficients

78-Pt-189



133

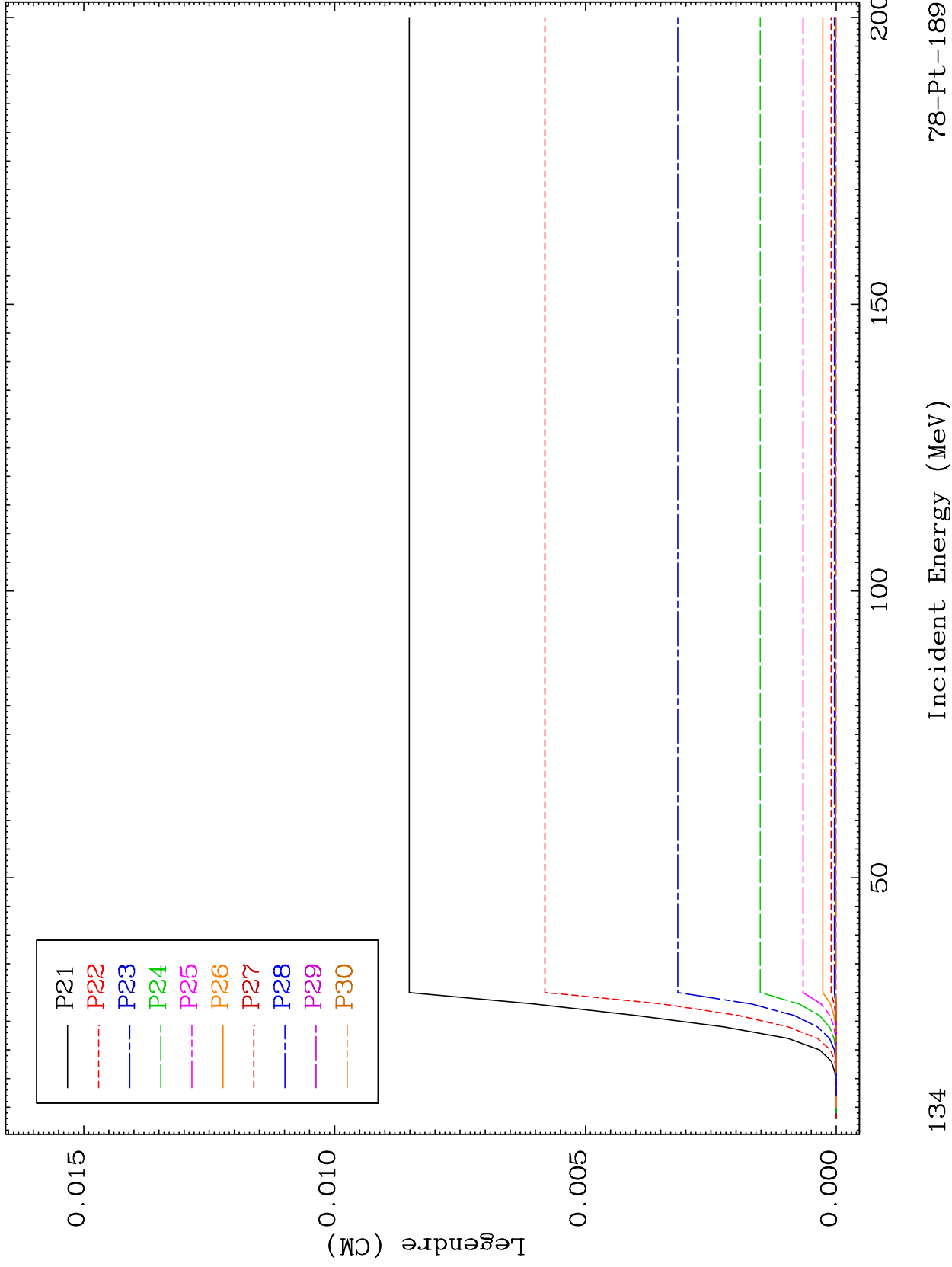
Incident Energy (MeV)

78-Pt-189

MAT 78222

MT= 79 (n,n') Level
Legendre Coefficients

78-Pt-189



134

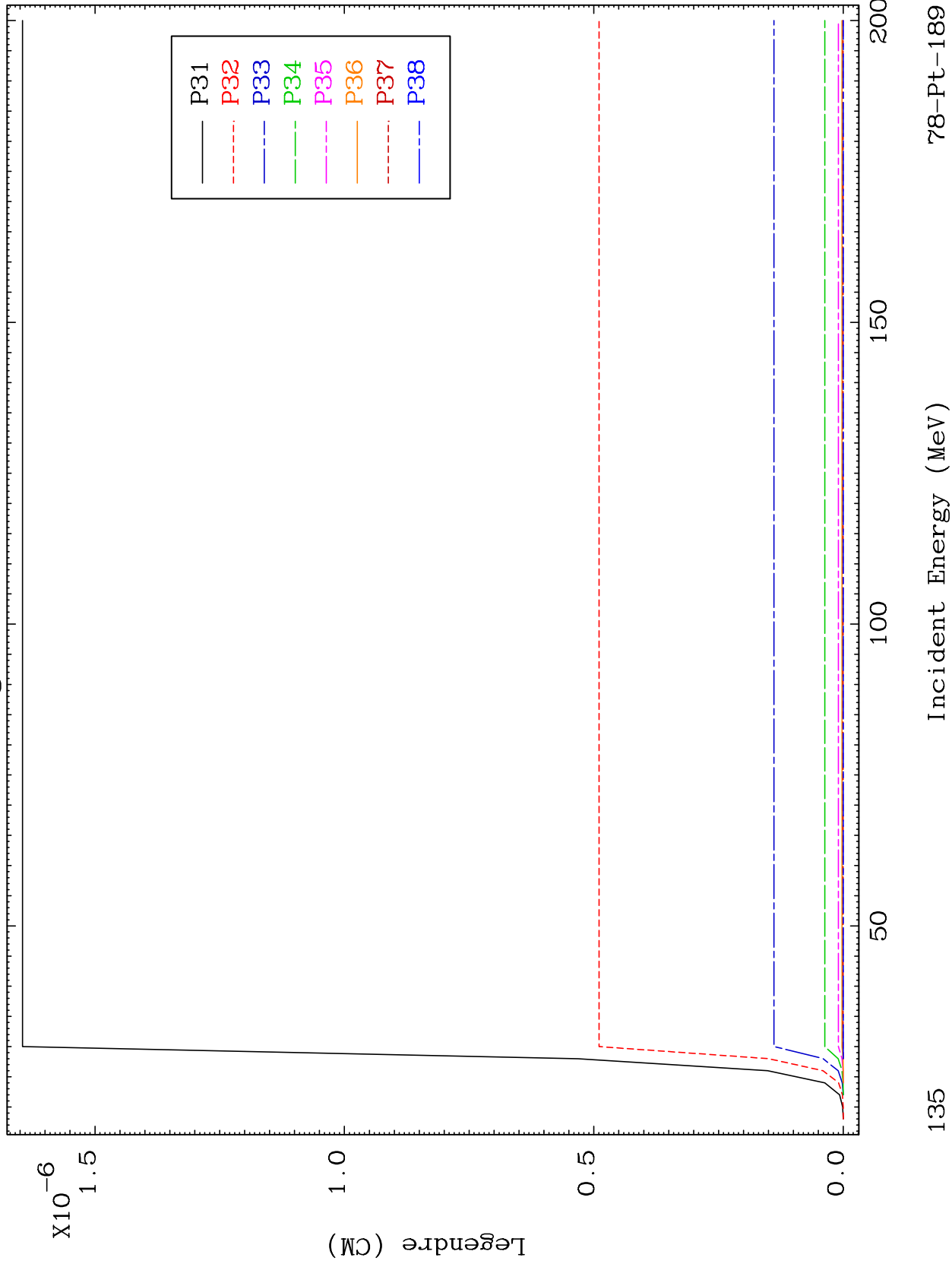
Incident Energy (MeV)

78-Pt-189

MAT 7822

MT= 79 (n,n') Level
Legendre Coefficients

78-Pt-189

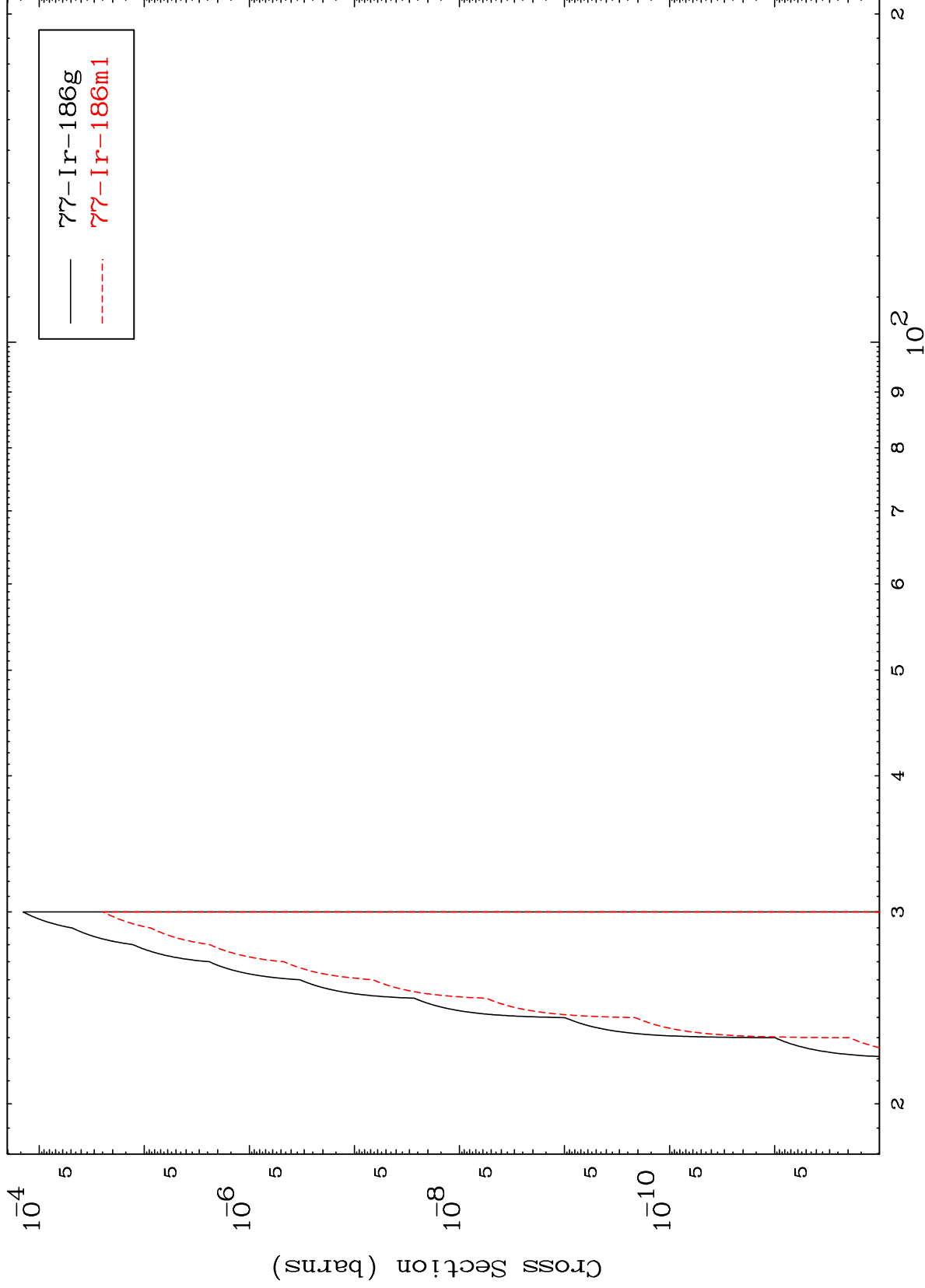


MAT 78222

(n,2n) d

78-Pt-189

Radionuclide Production Cross Section



136

Incident Energy (MeV)

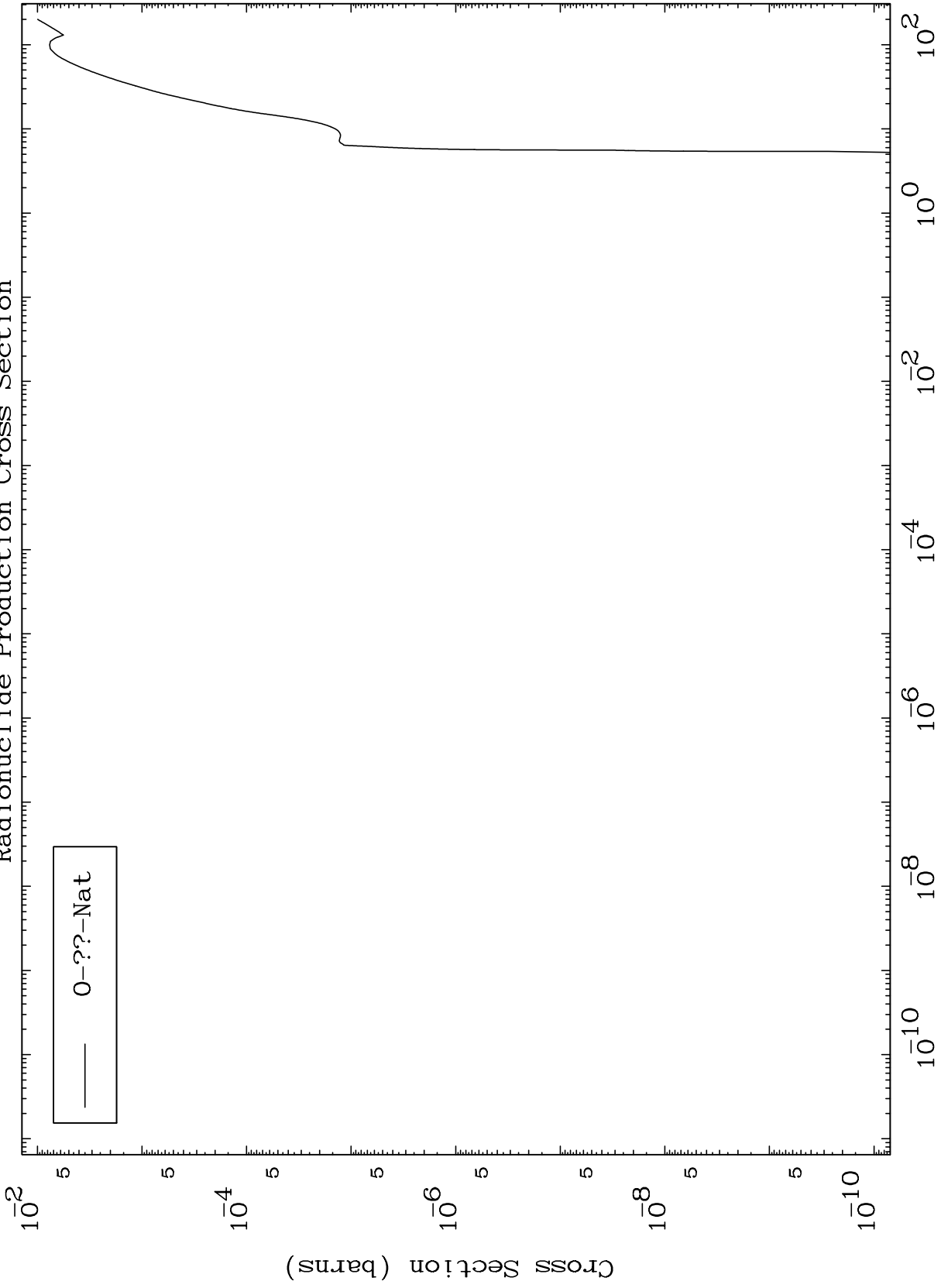
78-Pt-189

MAT 7822

Fission

78-Pt-189

Radionuclide Production Cross Section



137

Incident Energy (MeV)

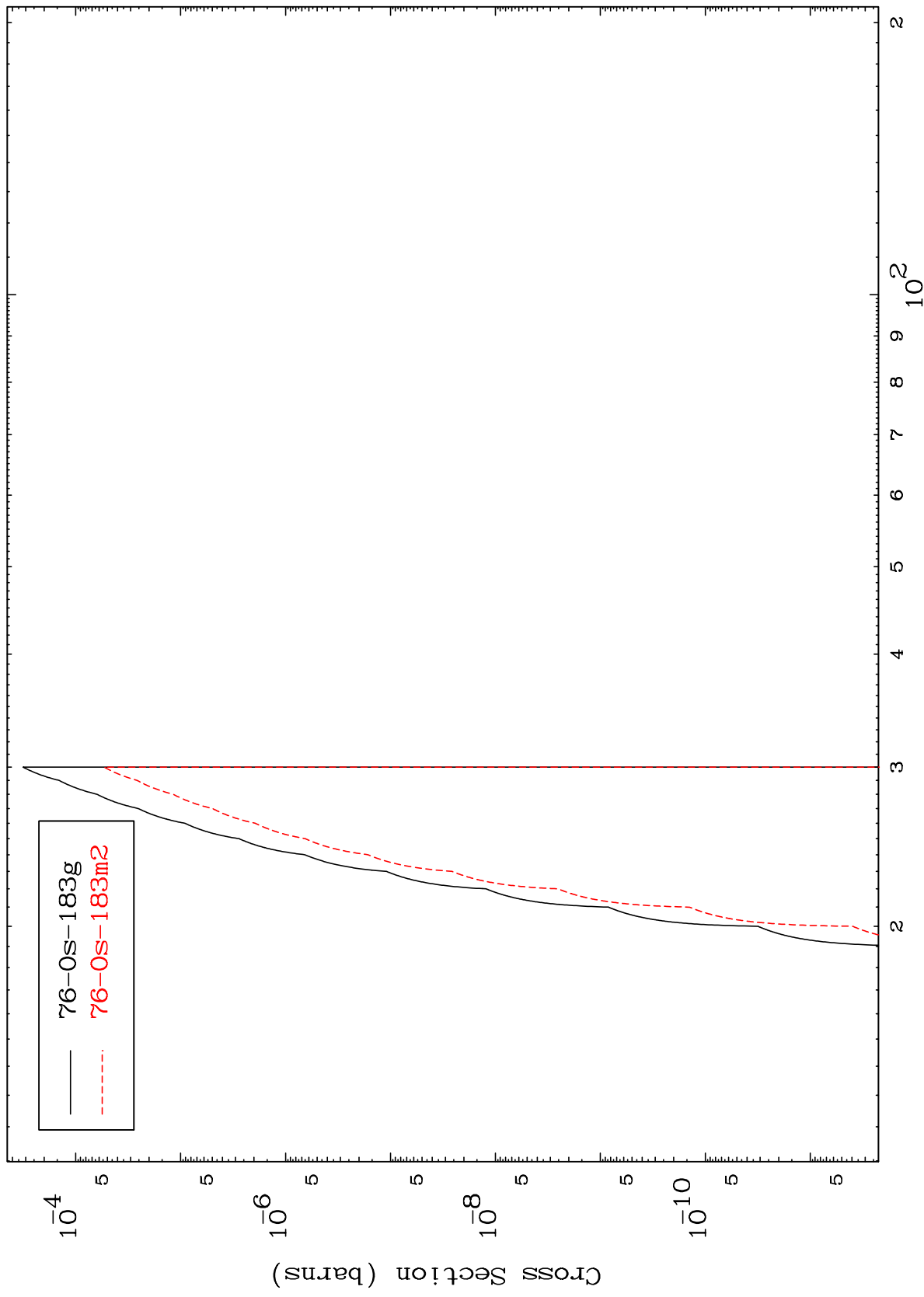
78-Pt-189

MAT 7822

(n,3n) α

78-Pt-189

Radionuclide Production Cross Section

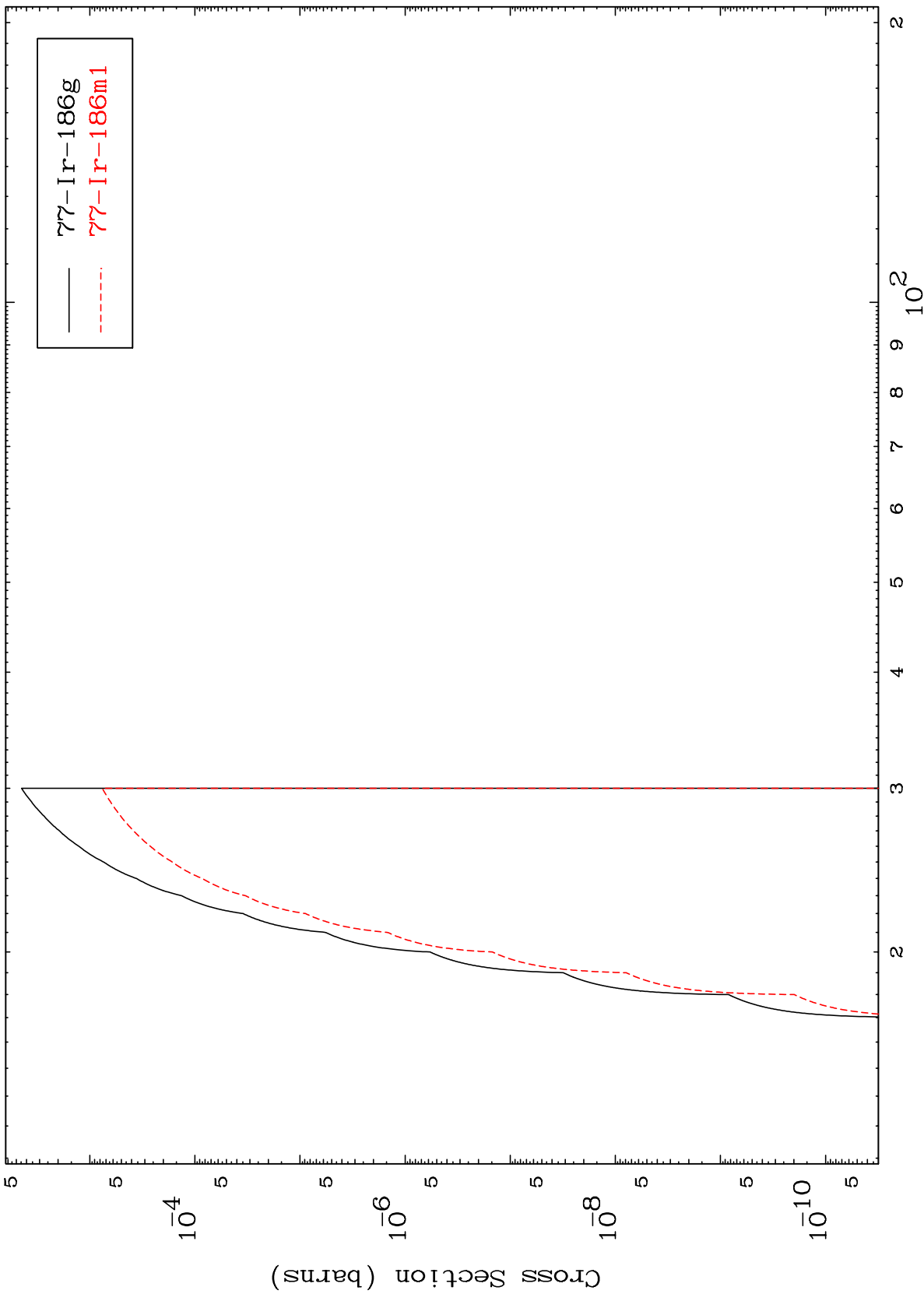


138

Incident Energy (MeV)

78-Pt-189

Radionuclide Production Cross Section



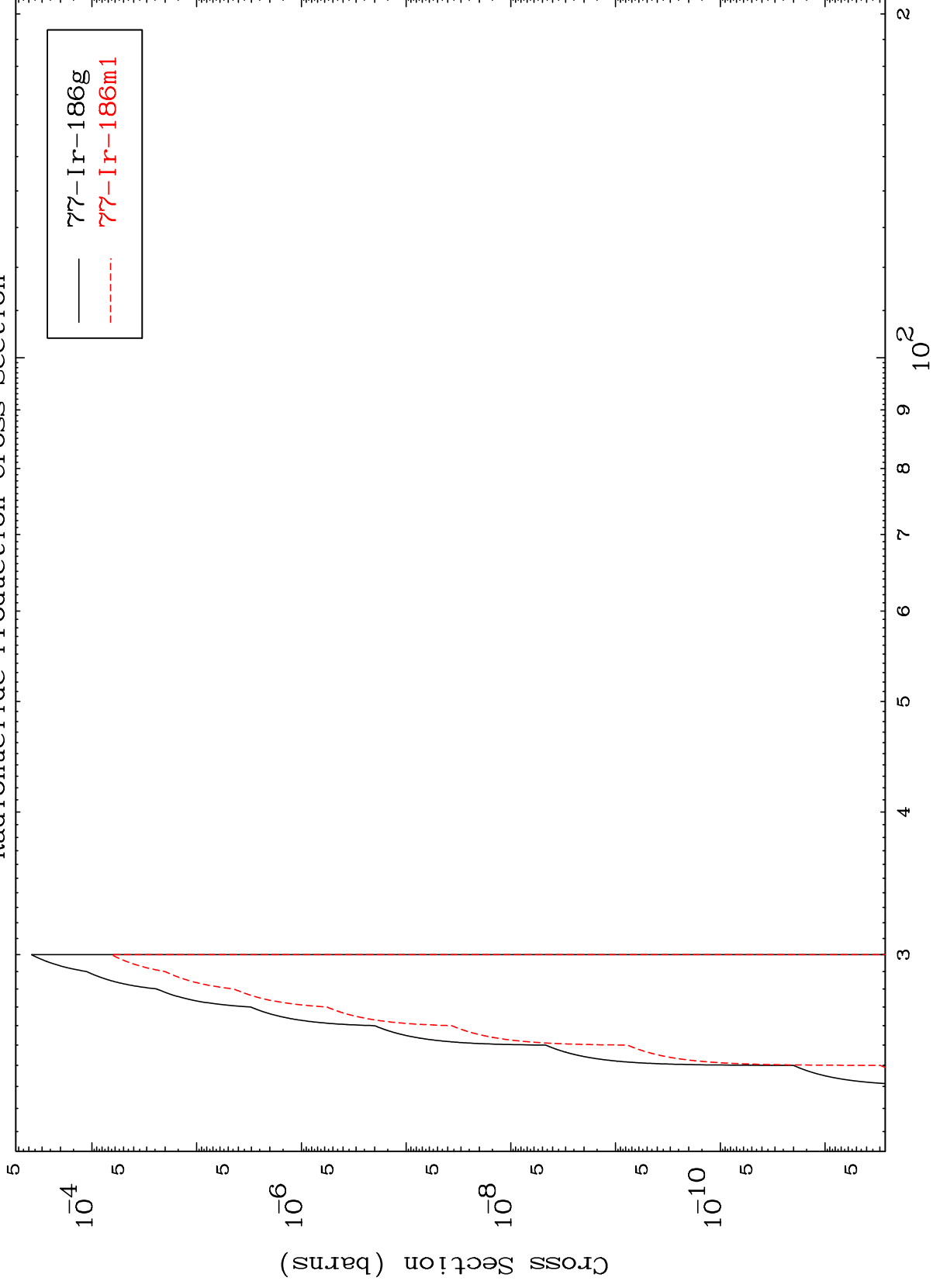
— ⁷⁷Ir-186g
- - - ⁷⁷Ir-186m1

MAT 7822

(n,3n) p

78-Pt-189

Radionuclide Production Cross Section



140

Incident Energy (MeV)

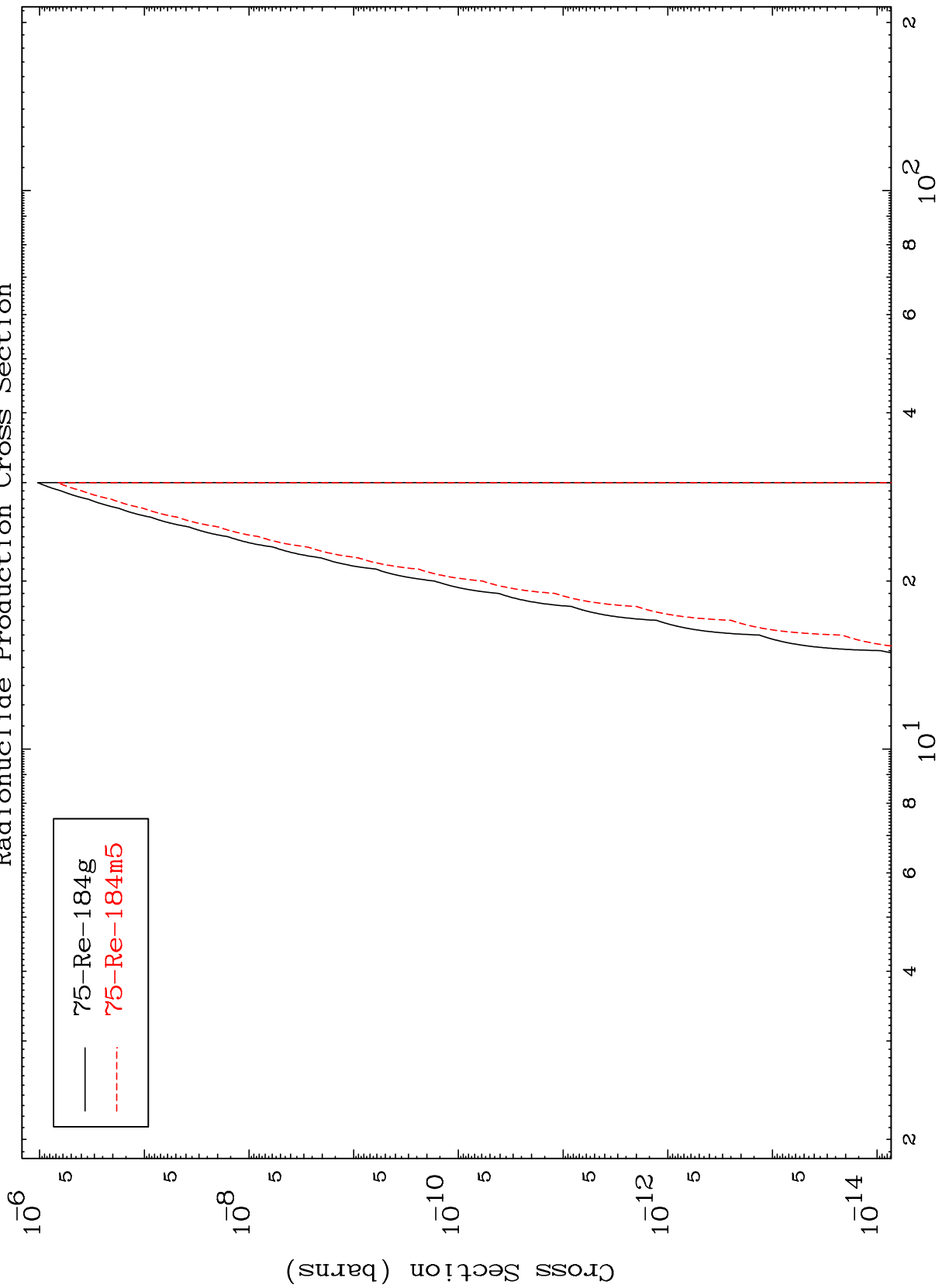
78-Pt-189

MAT 7822

(n,n') p α

78-Pt-189

Radionuclide Production Cross Section



75-Re-184g
75-Re-184m5

141

Incident Energy (MeV)

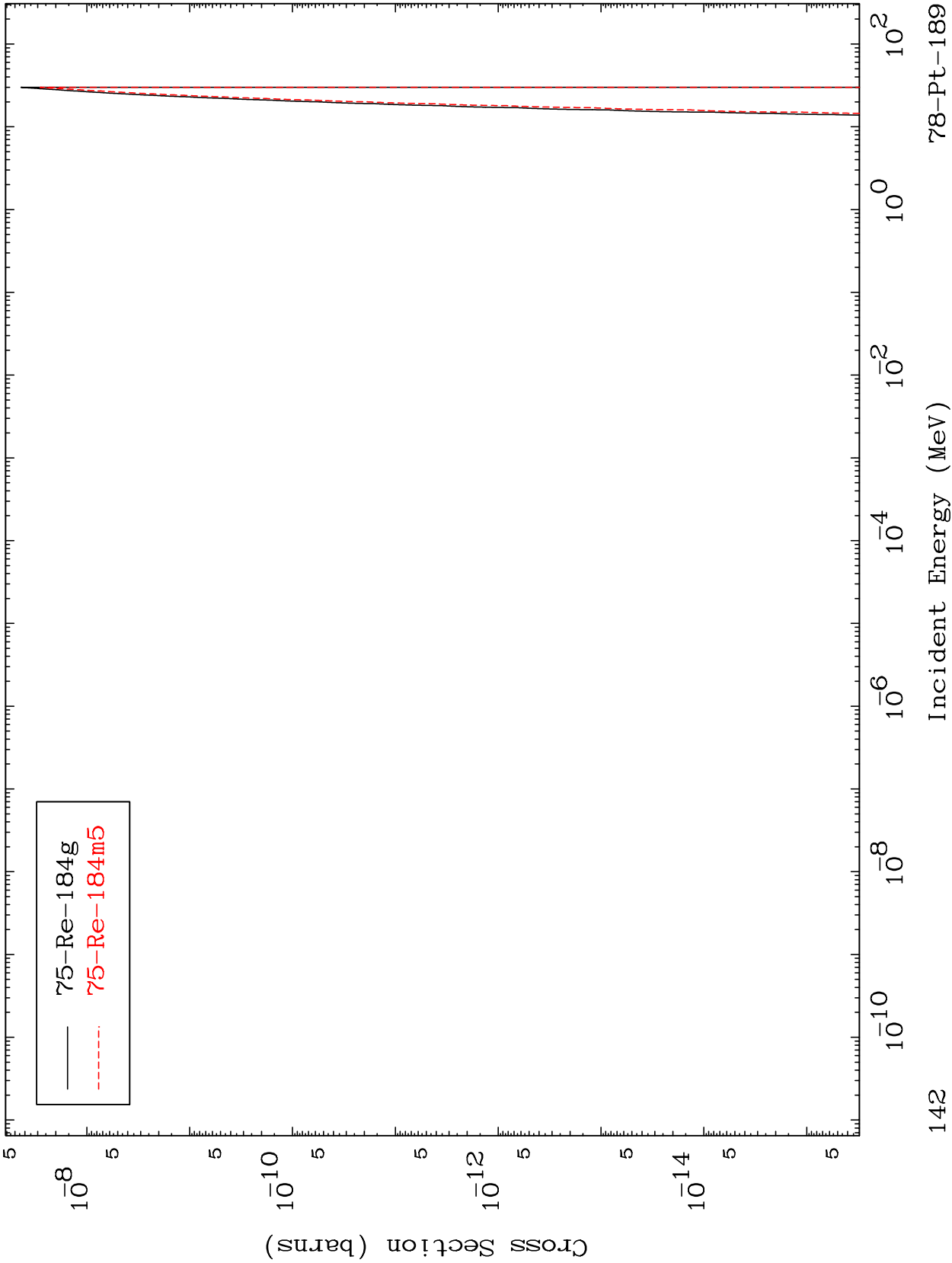
78-Pt-189

MAT 78222

(n,d) α

78-Pt-189

Radionuclide Production Cross Section



75-Re-184g
75-Re-184m5