

Program EVALPLOT
(Version 2021-1)

by

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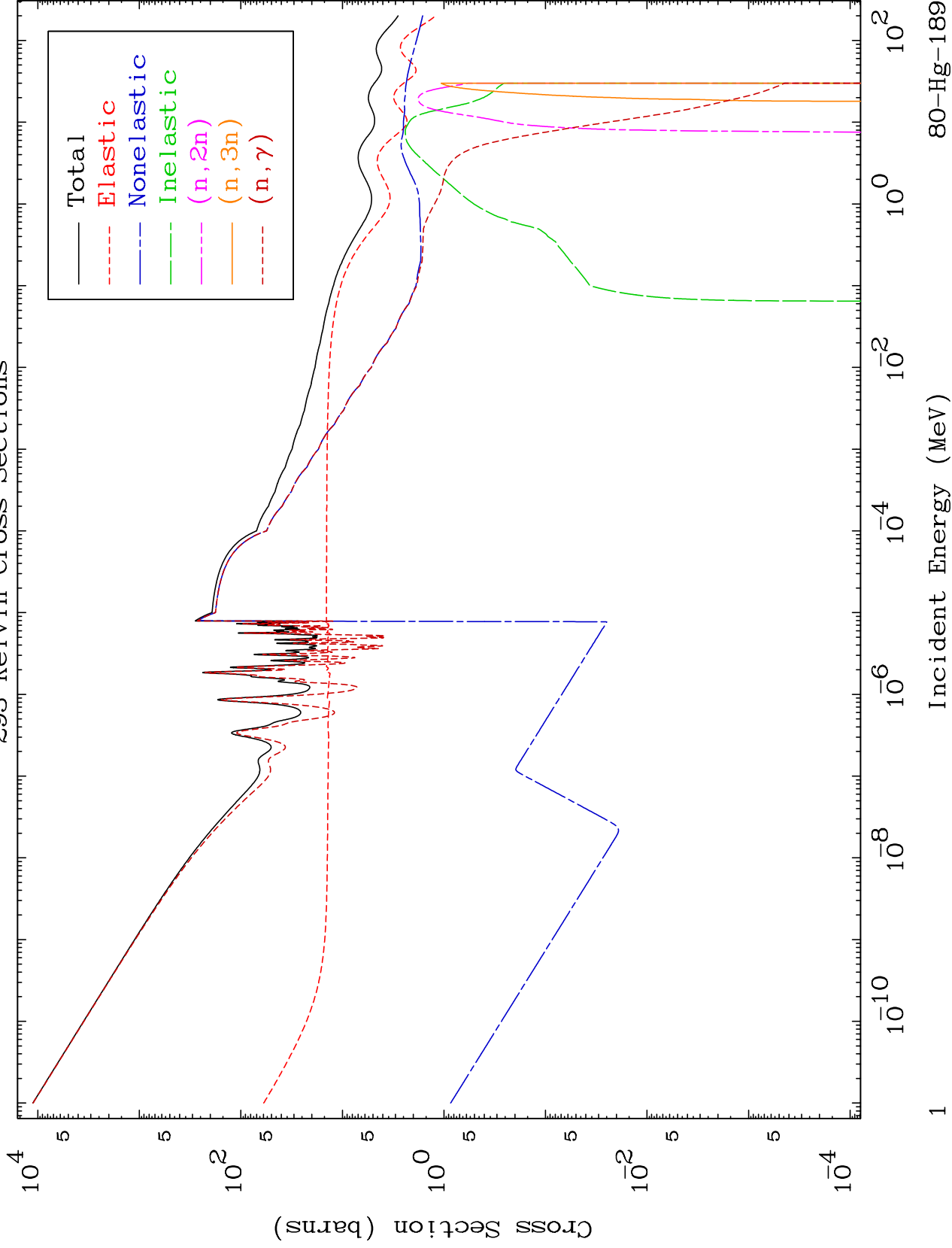
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8004

Neutron Major
293 Kelvin Cross Sections

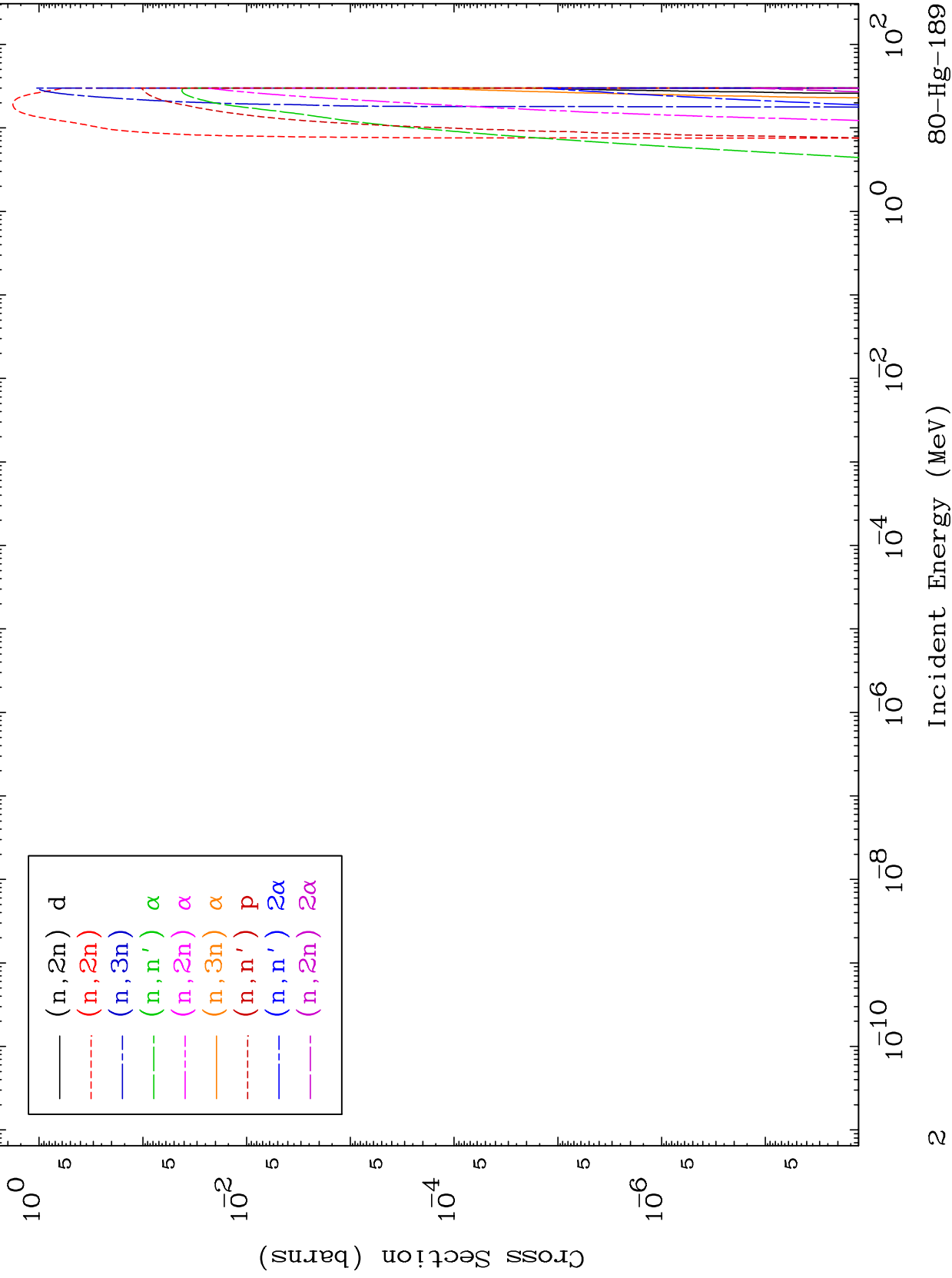
80-Hg-189

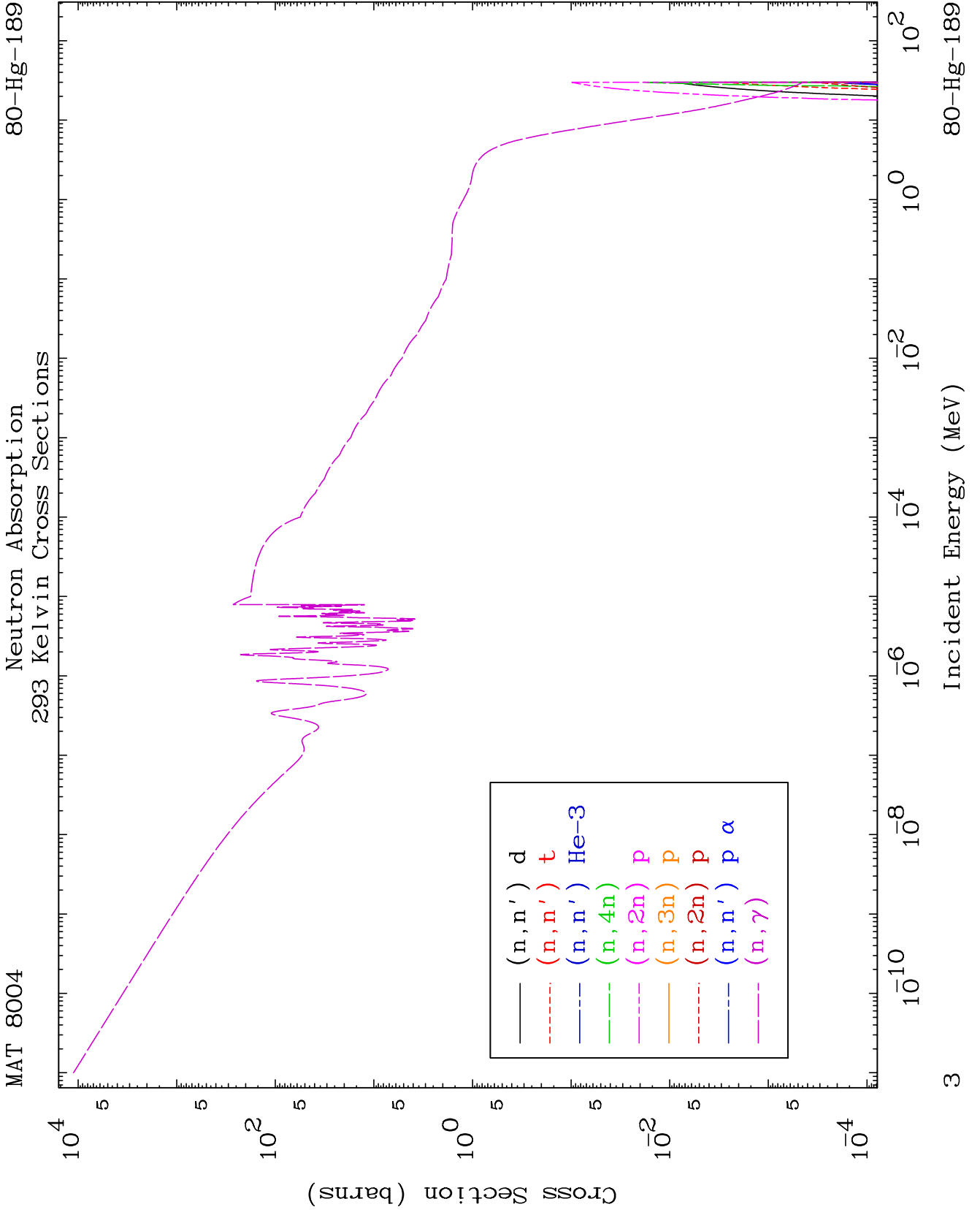


MAT 8004

Neutron Absorption
293 Kelvin Cross Sections

80-Hg-189

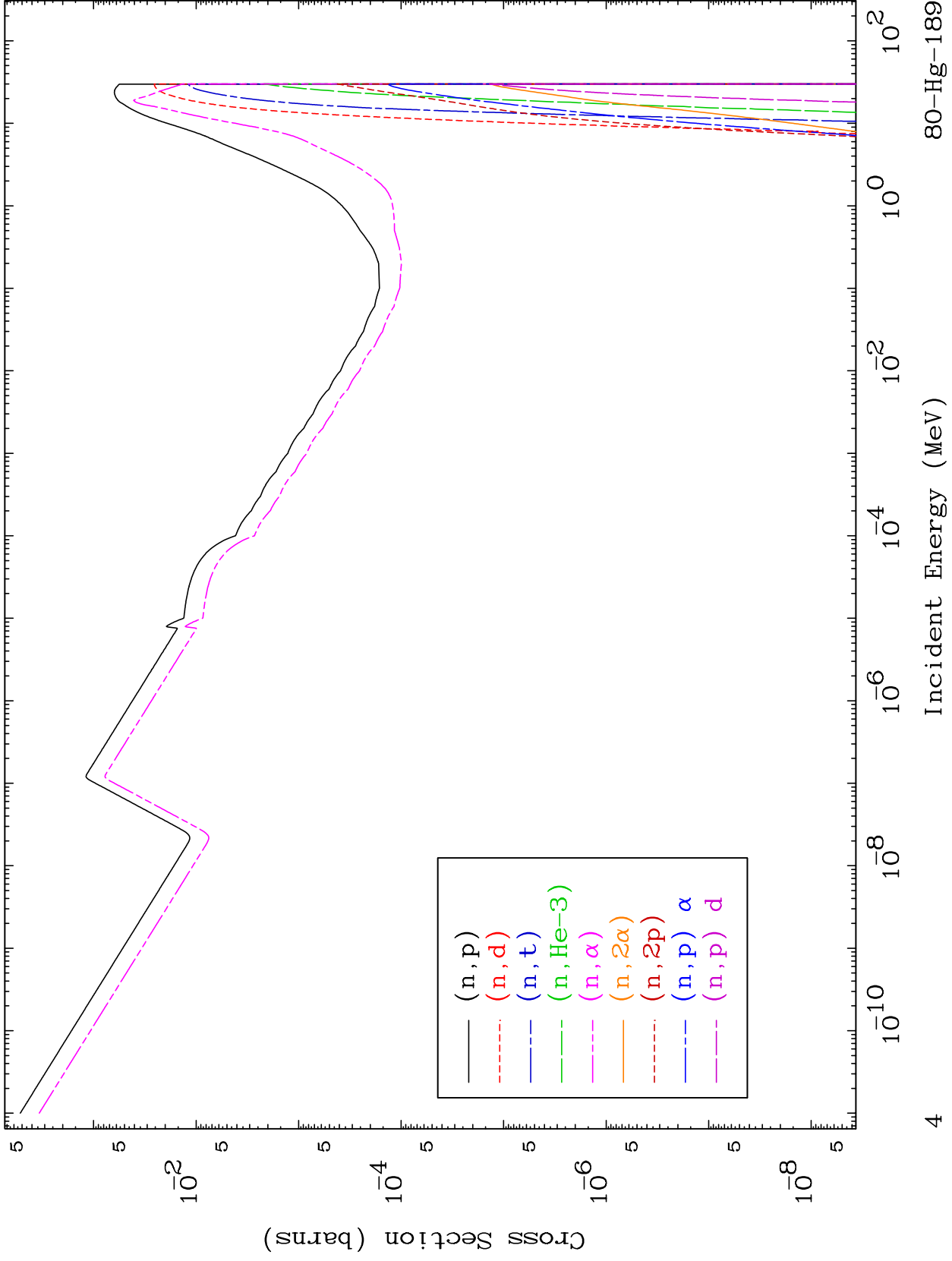




MAT 8004

Neutron Absorption
293 Kelvin Cross Sections

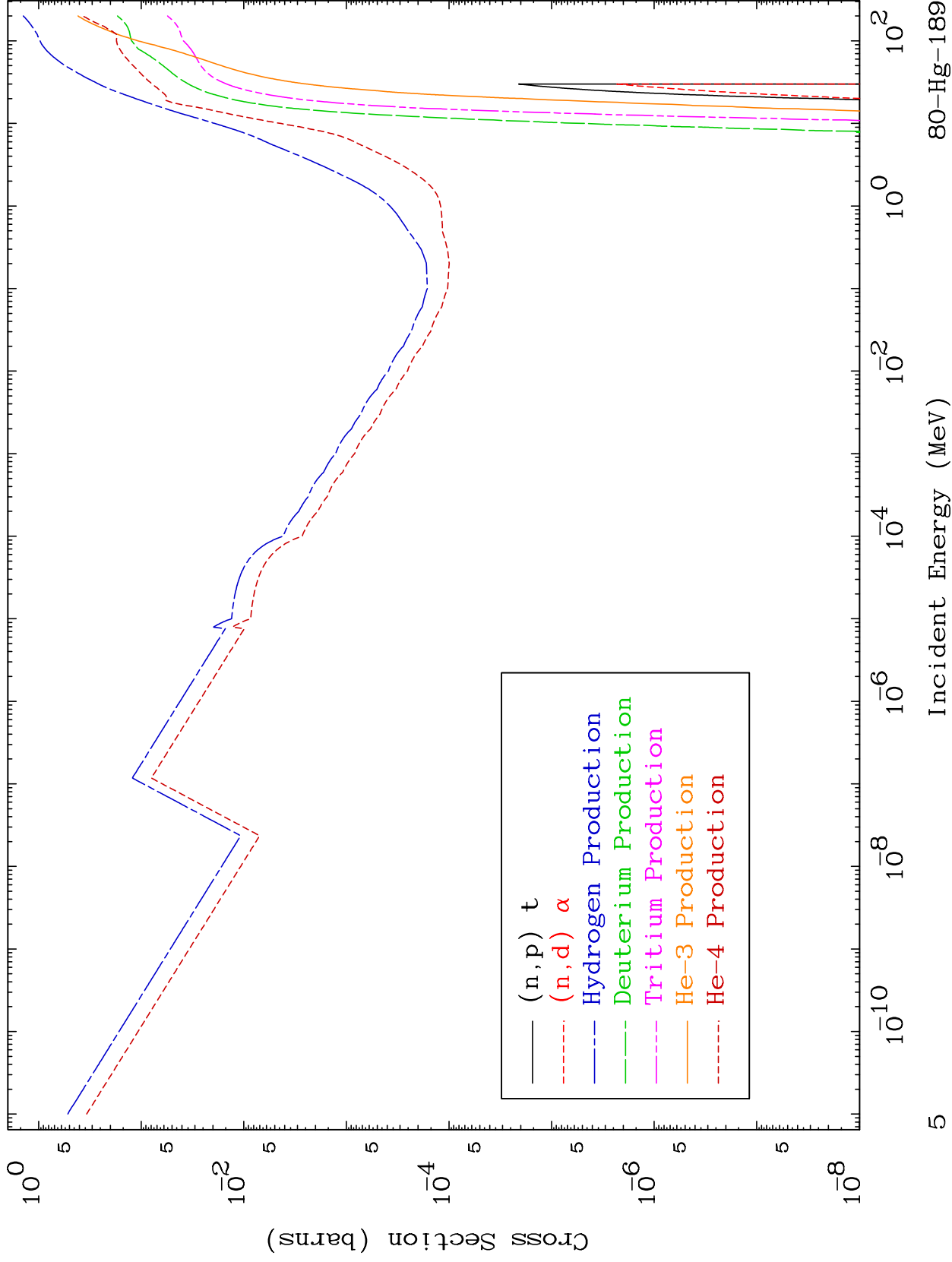
80-Hg-189



MAT 8004

Neutron Absorption
293 Kelvin Cross Sections

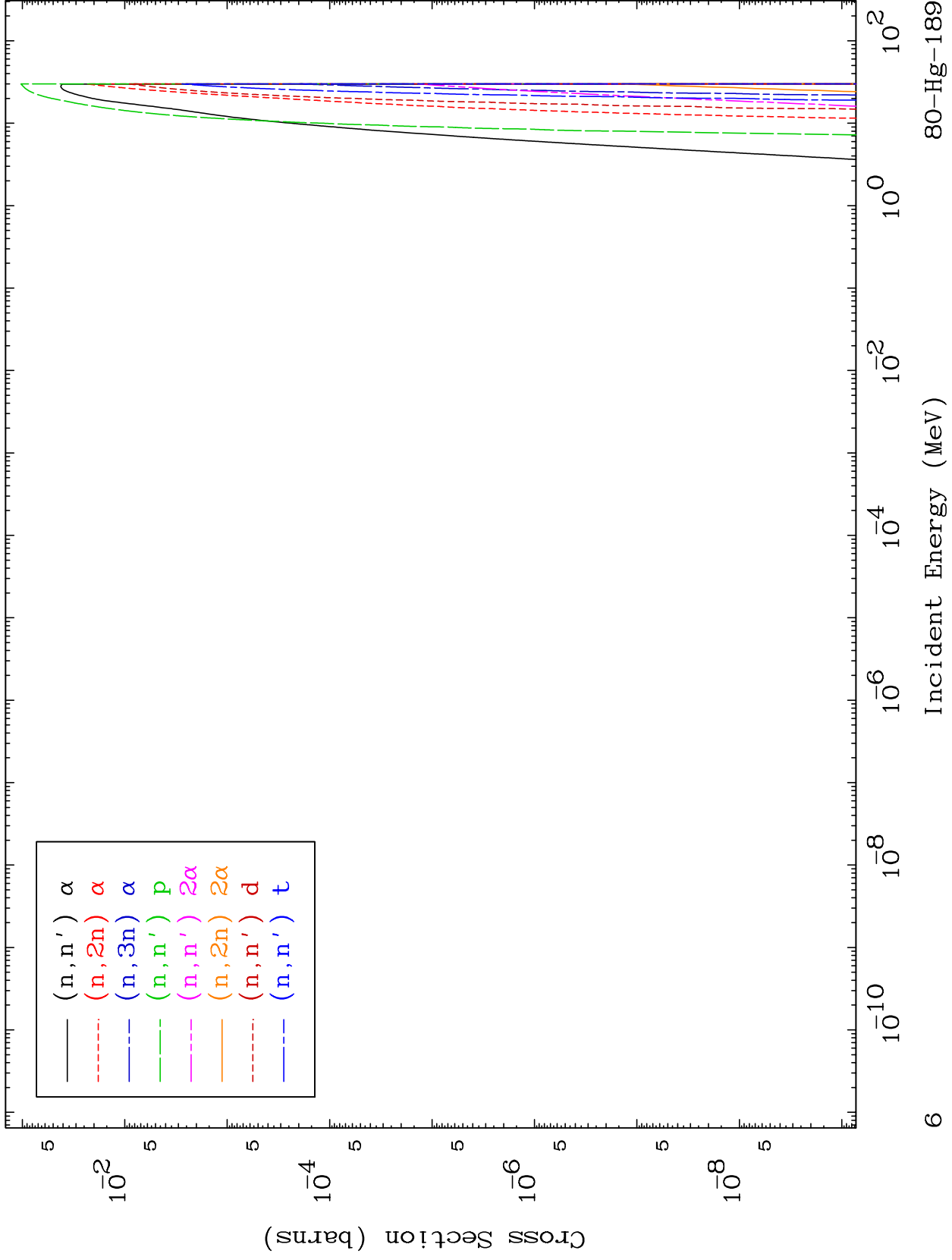
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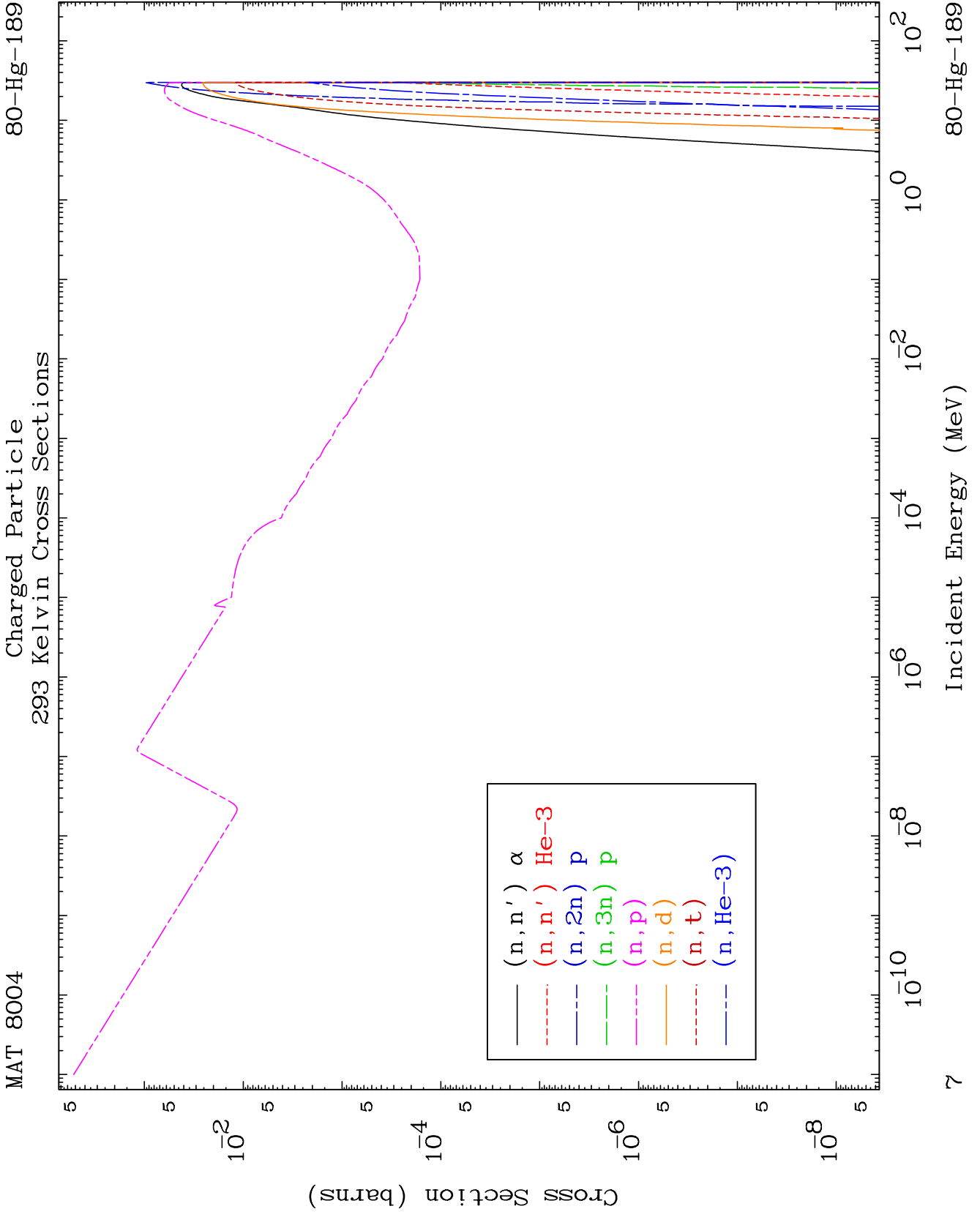


MAT 8004

Charged Particle
293 Kelvin Cross Sections

80-Hg-189

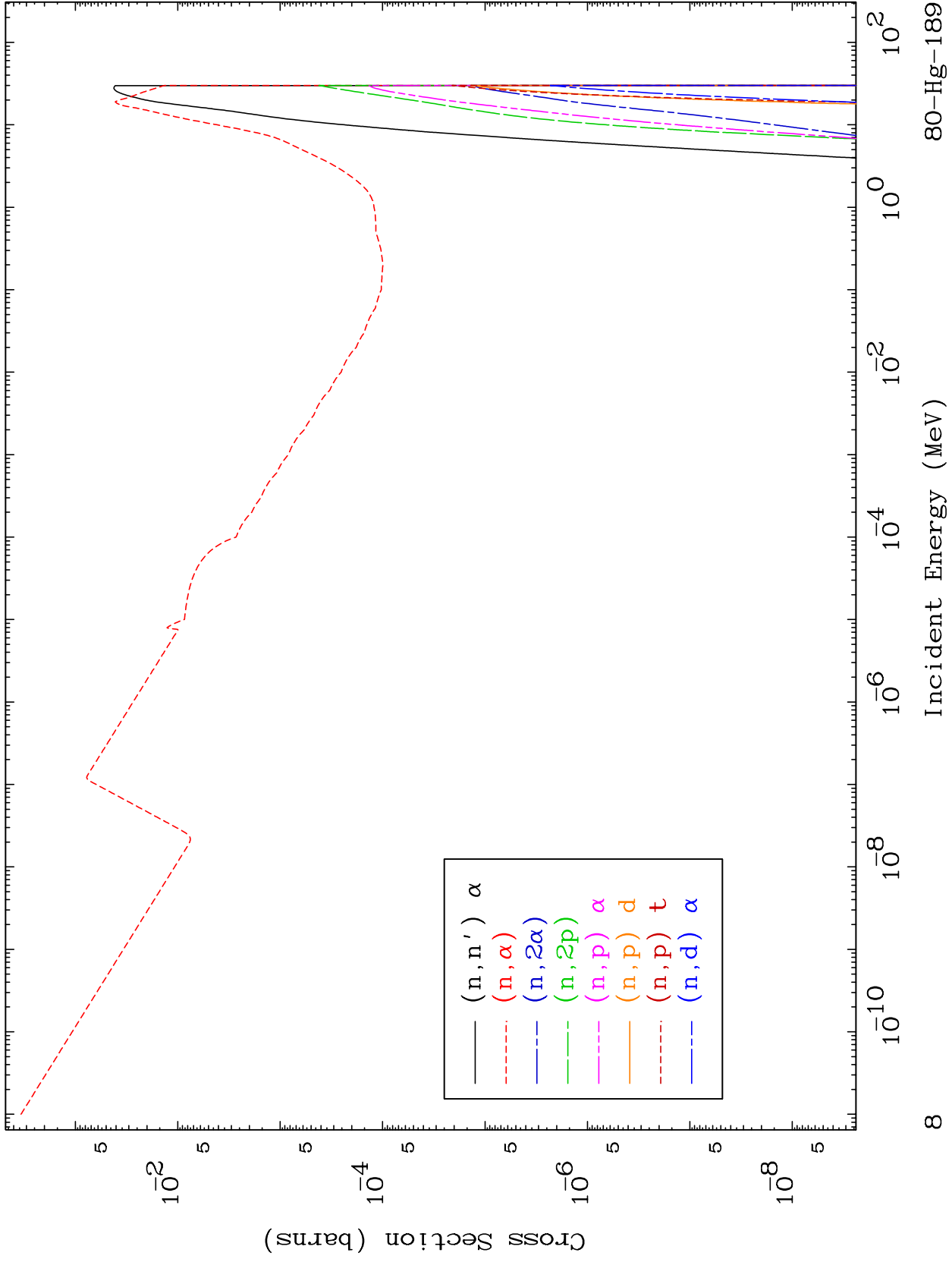




MAT 8004

Charged Particle
293 Kelvin Cross Sections

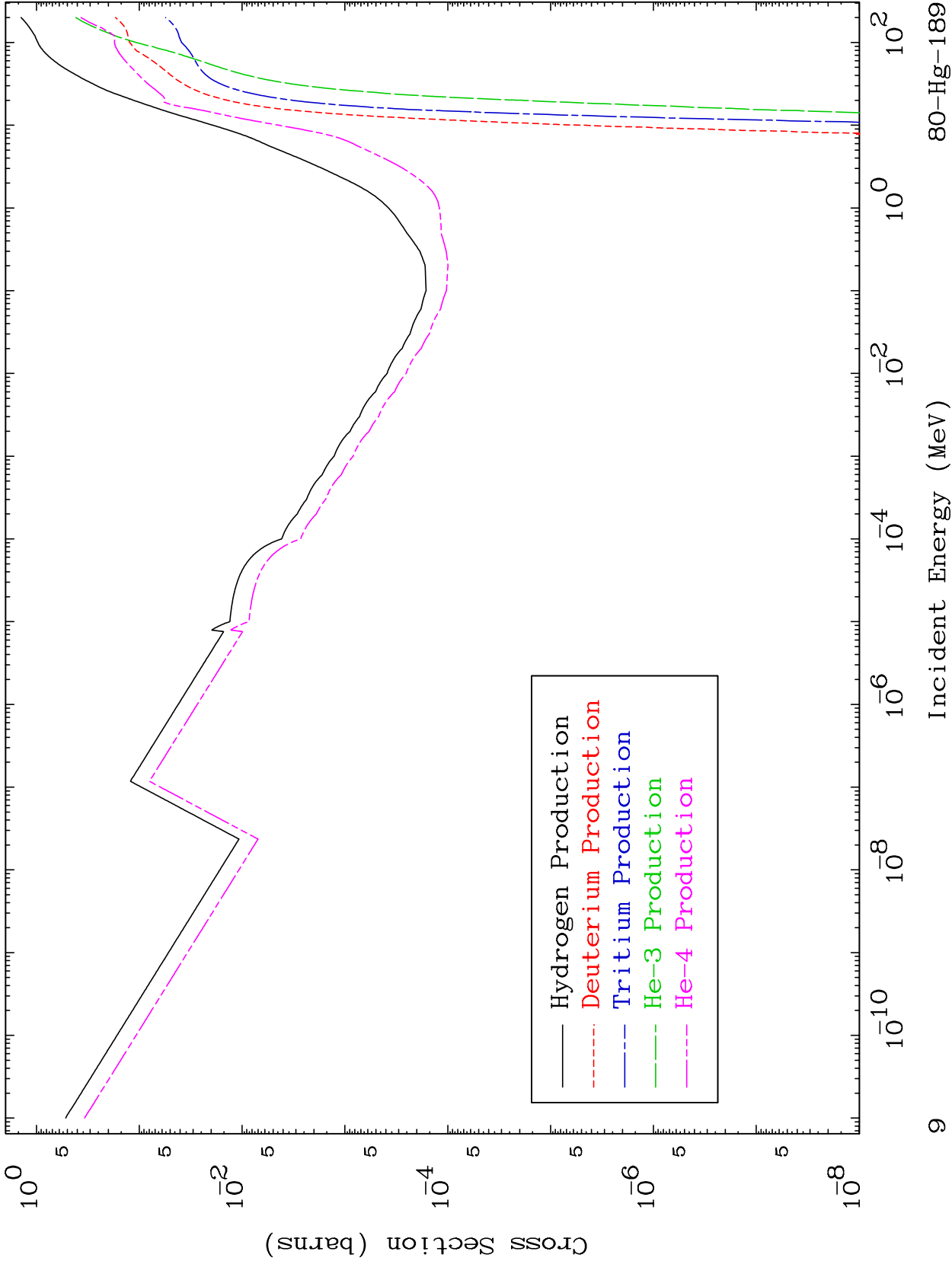
80-Hg-189



MAT 8004

Particle Production
293 Kelvin Cross Sections

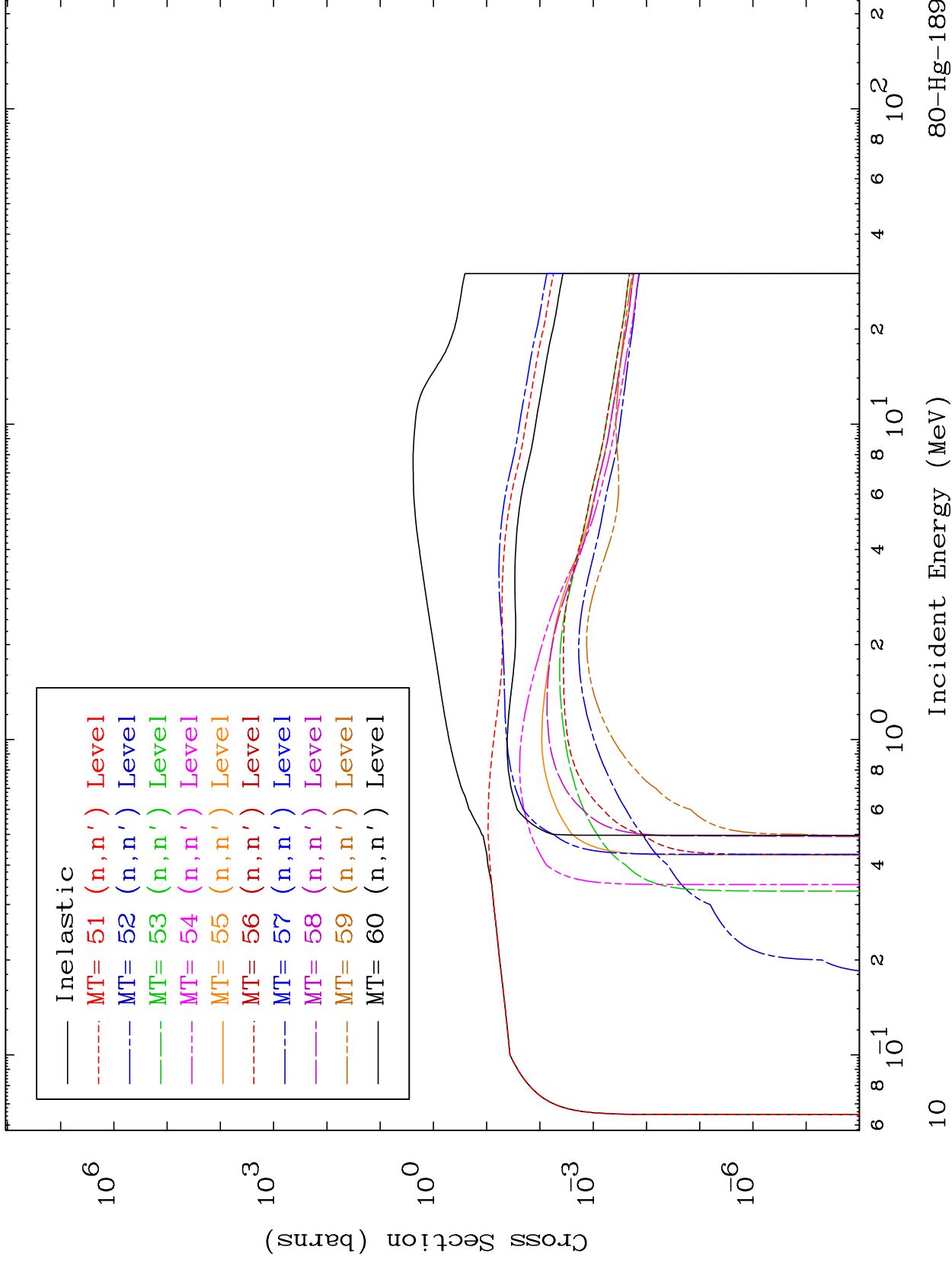
80-Hg-189



MAT 8004

(n,n') Levels
293 Kelvin Cross Sections

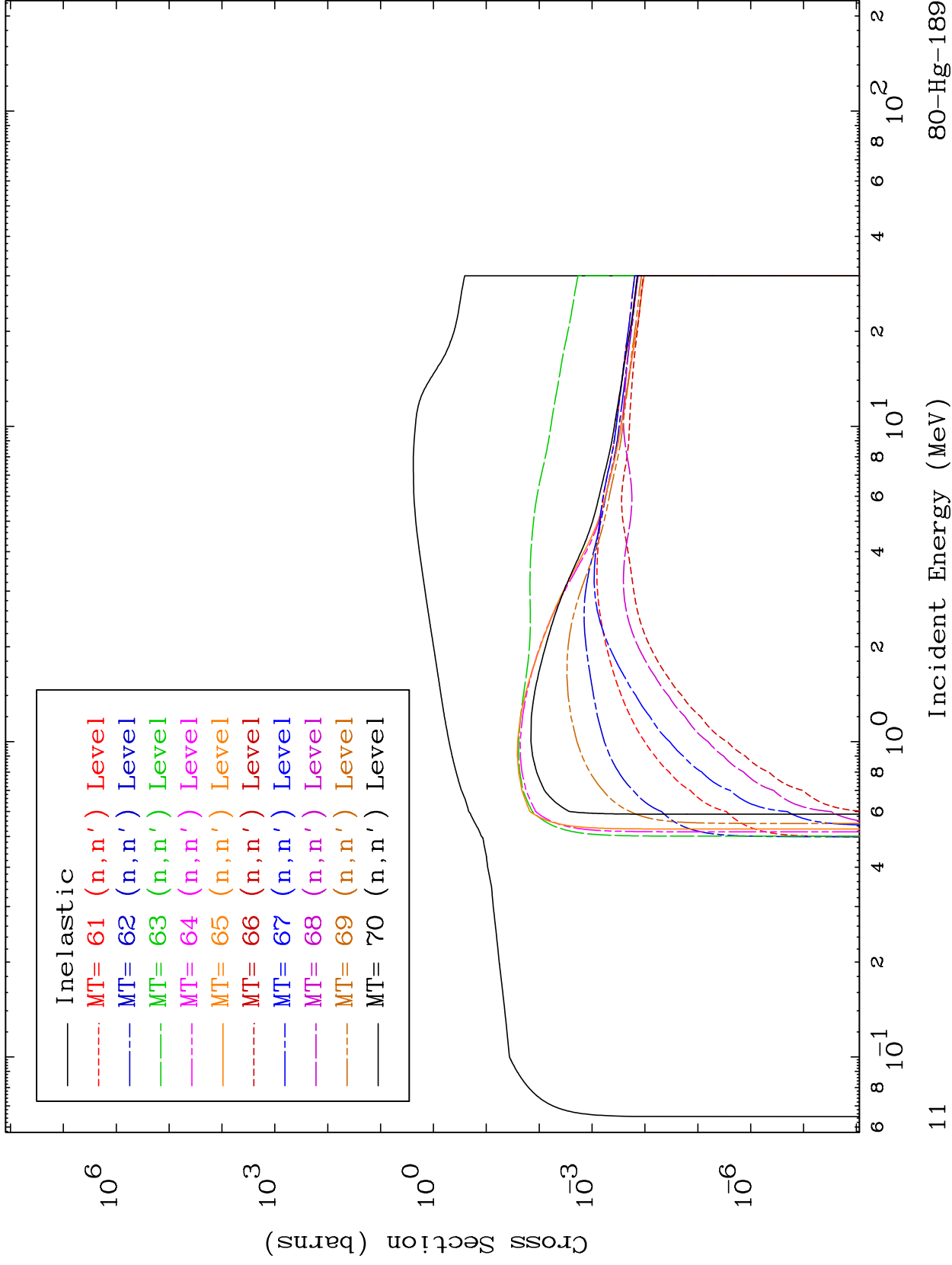
80-Hg-189



MAT 8004

(n,n') Levels
293 Kelvin Cross Sections

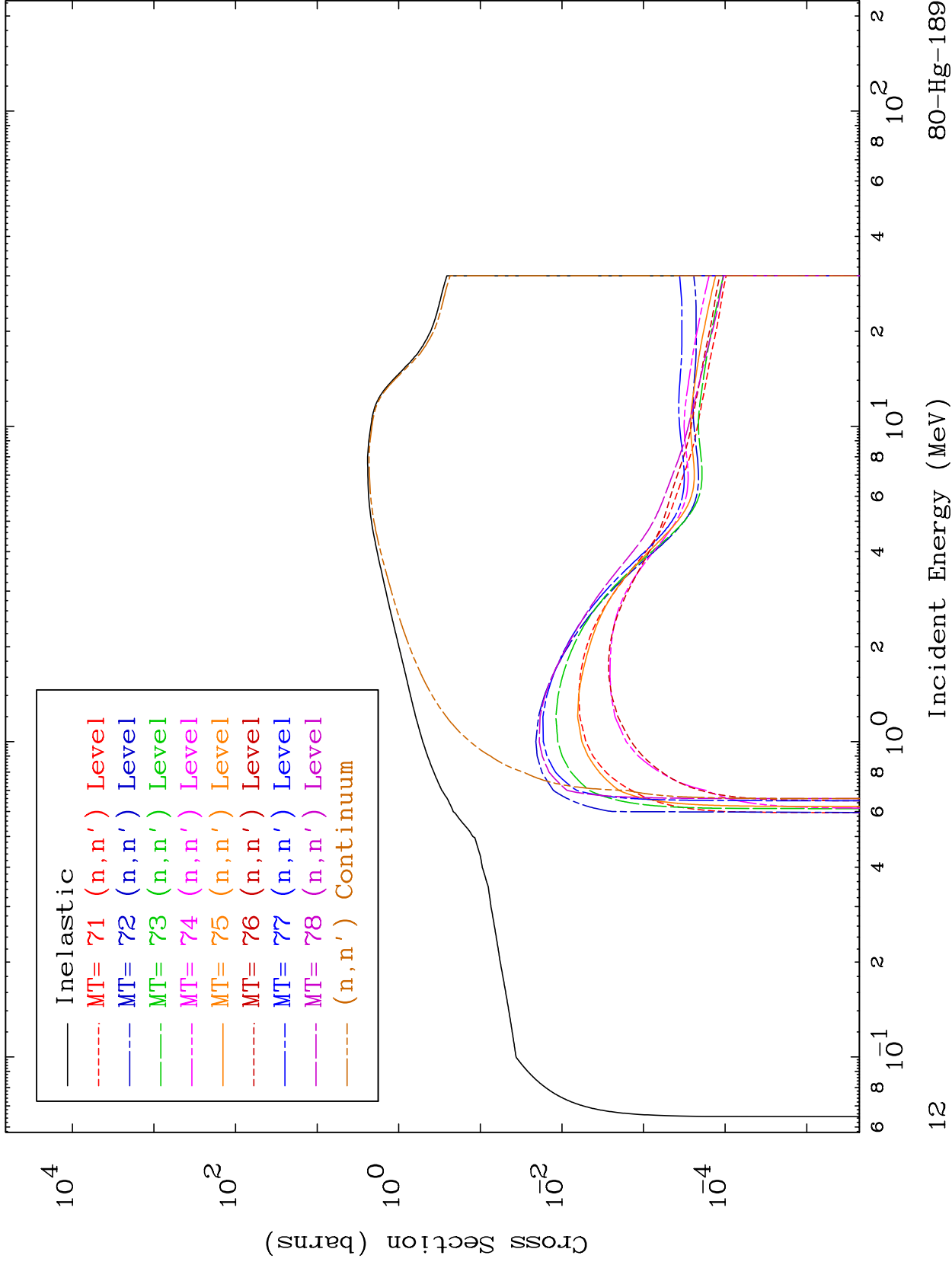
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MAT 8004

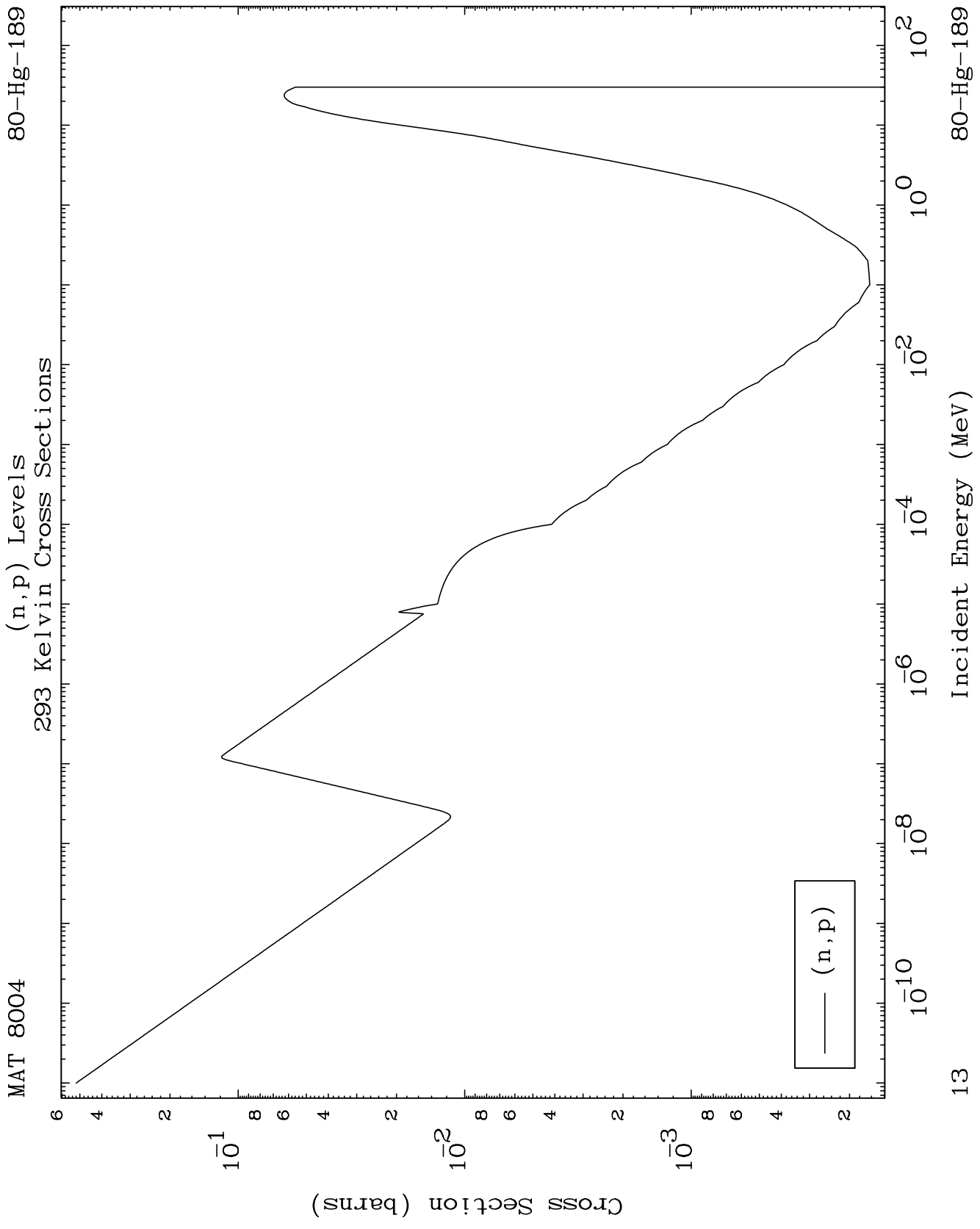
293 (n,n') Levels

80-Hg-189



12

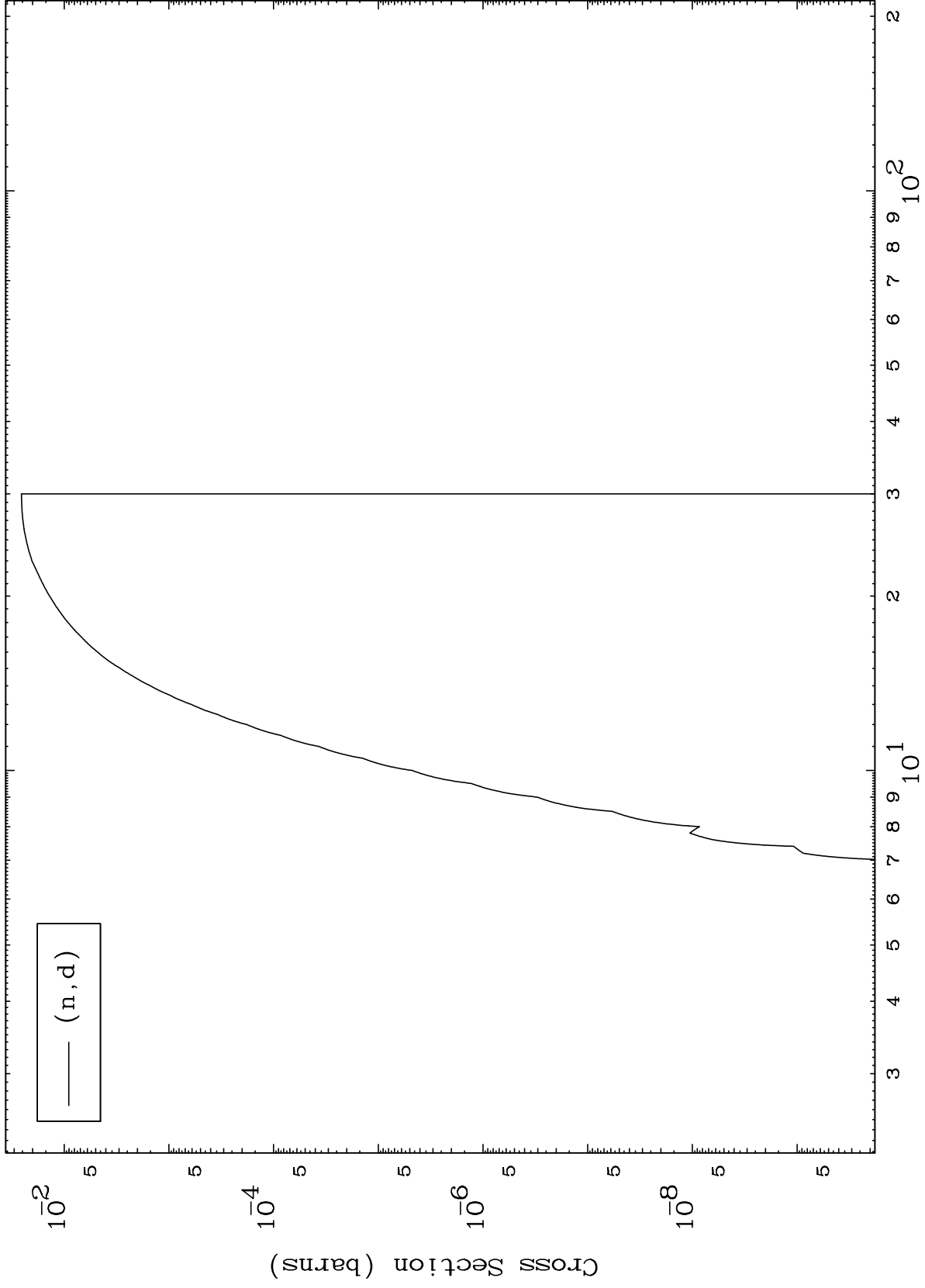
80-Hg-189



MAT 8004

(n,d) Levels
293 Kelvin Cross Sections

80-Hg-189



(n,d)

80-Hg-189

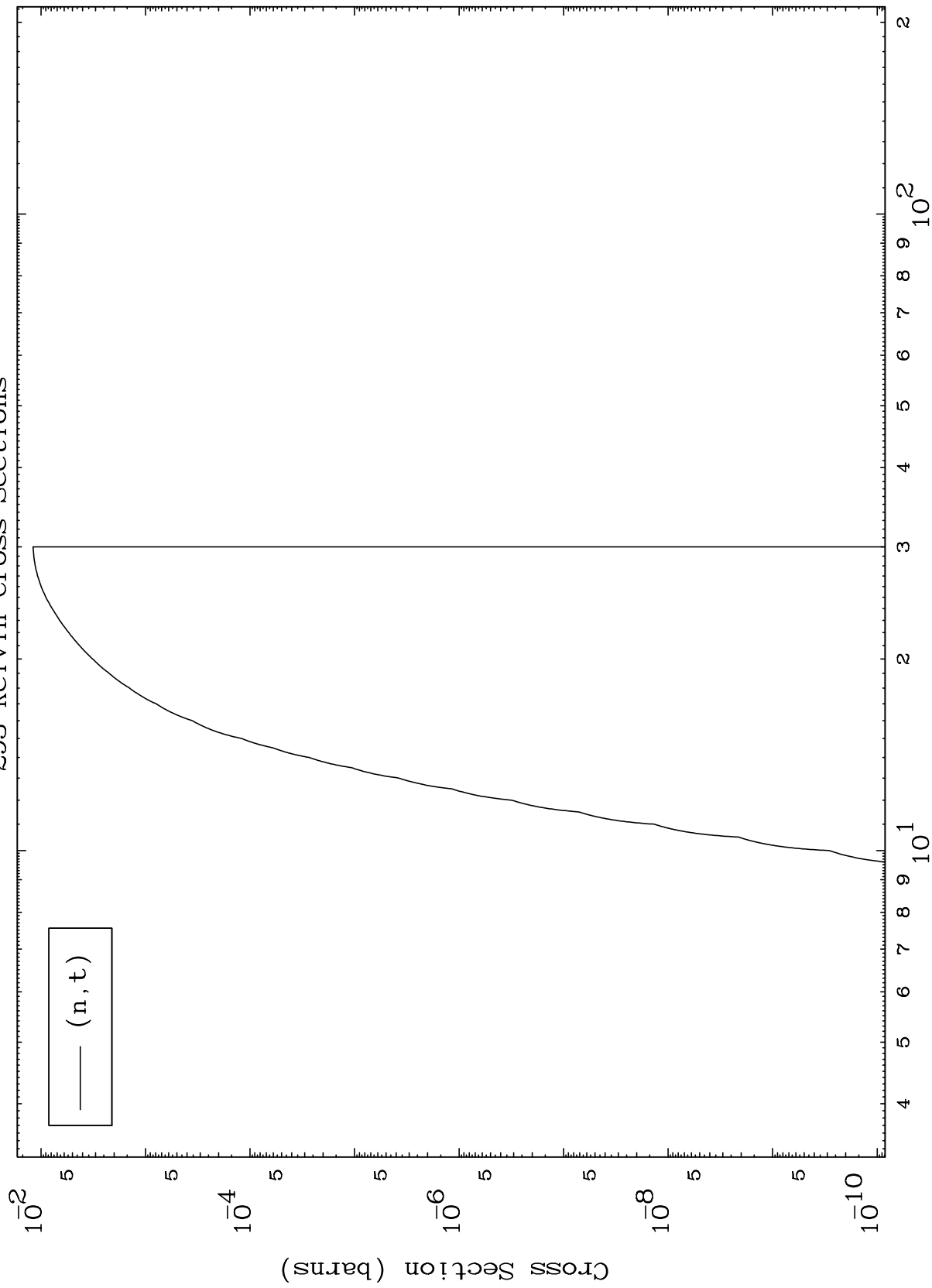
Incident Energy (MeV)

14

MAT 8004

80-Hg-189

(n,t) Levels
293 Kelvin Cross Sections



80-Hg-189

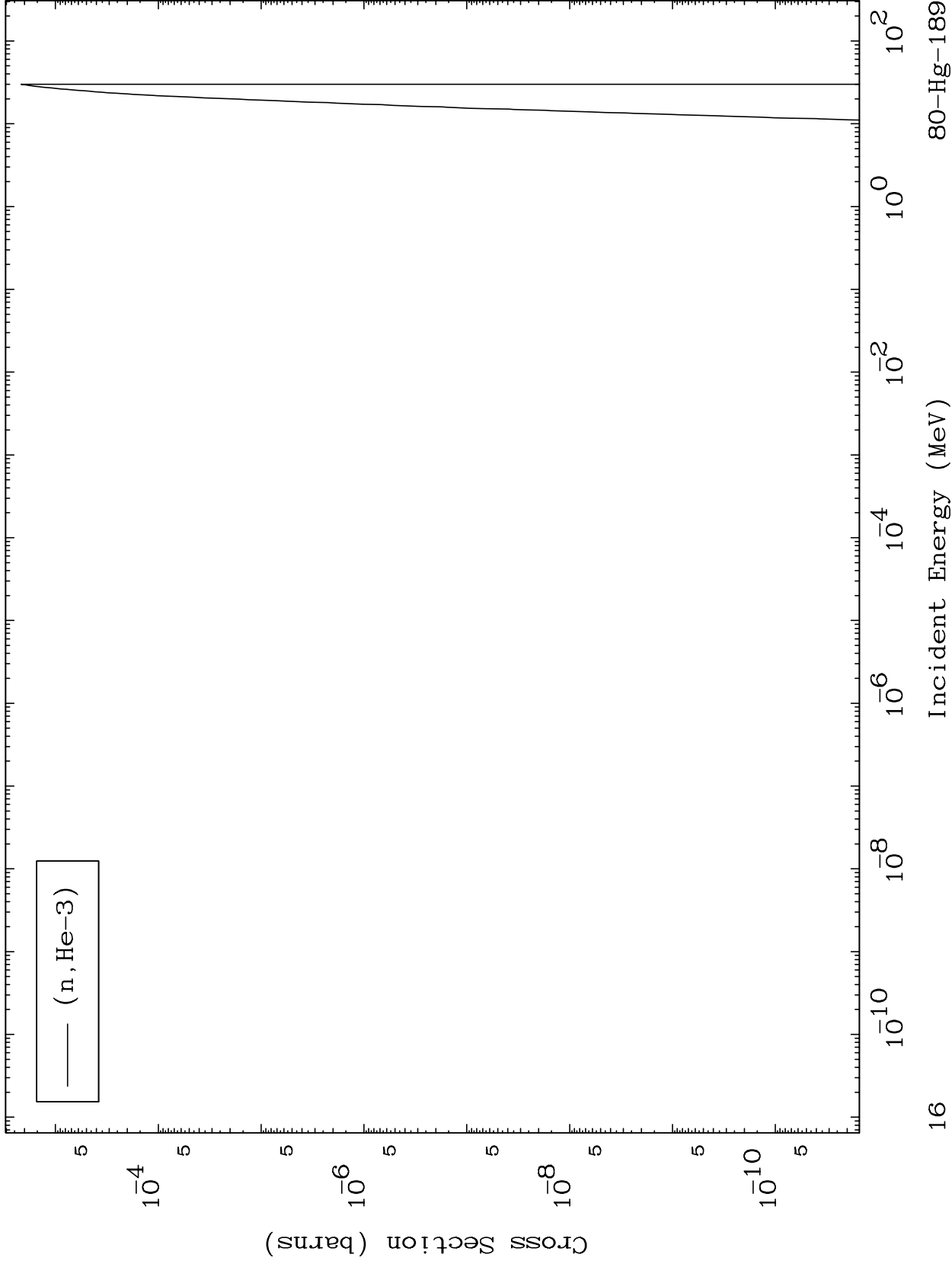
Incident Energy (MeV)

15

MAT 8004

(n,He3) Levels
293 Kelvin Cross Sections

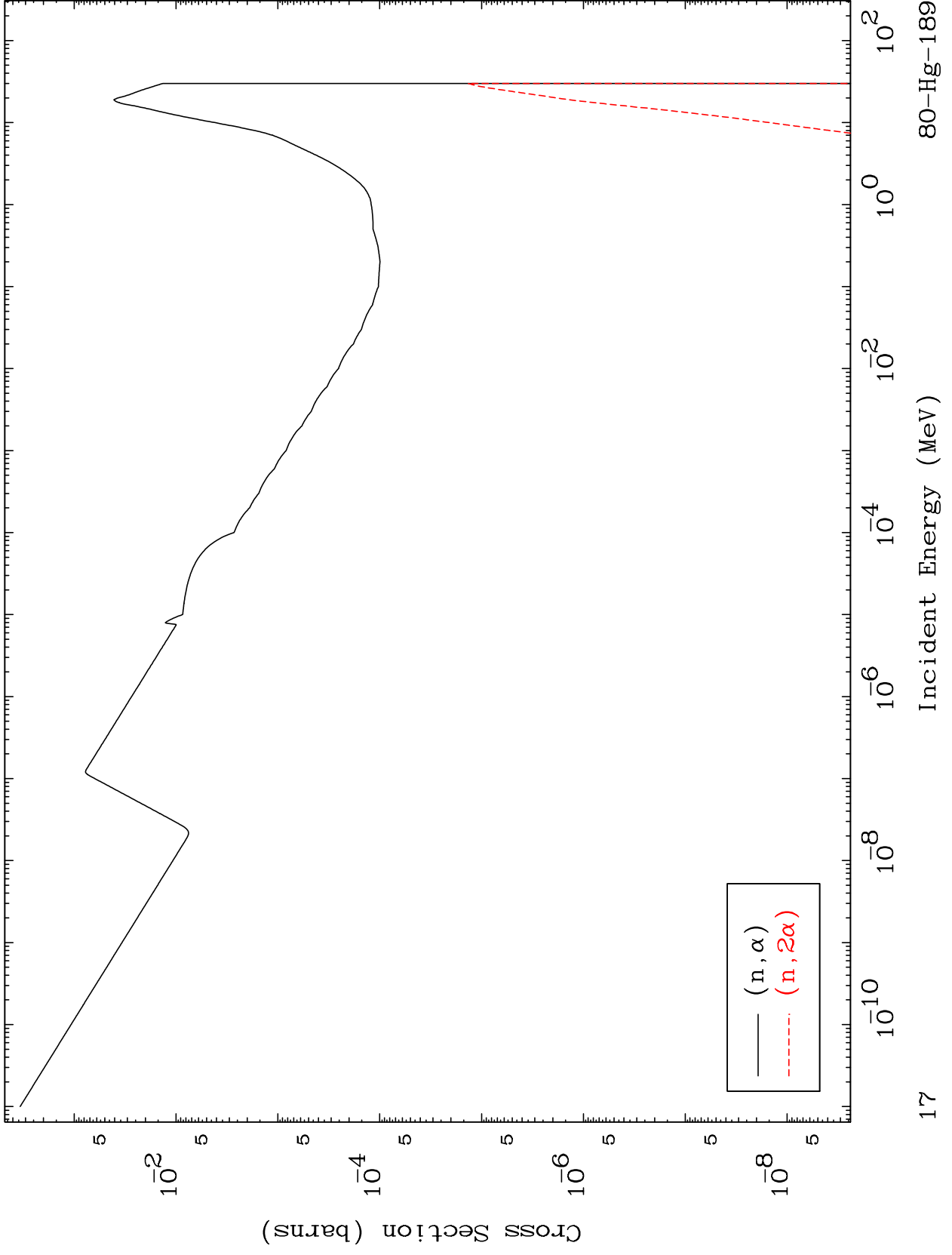
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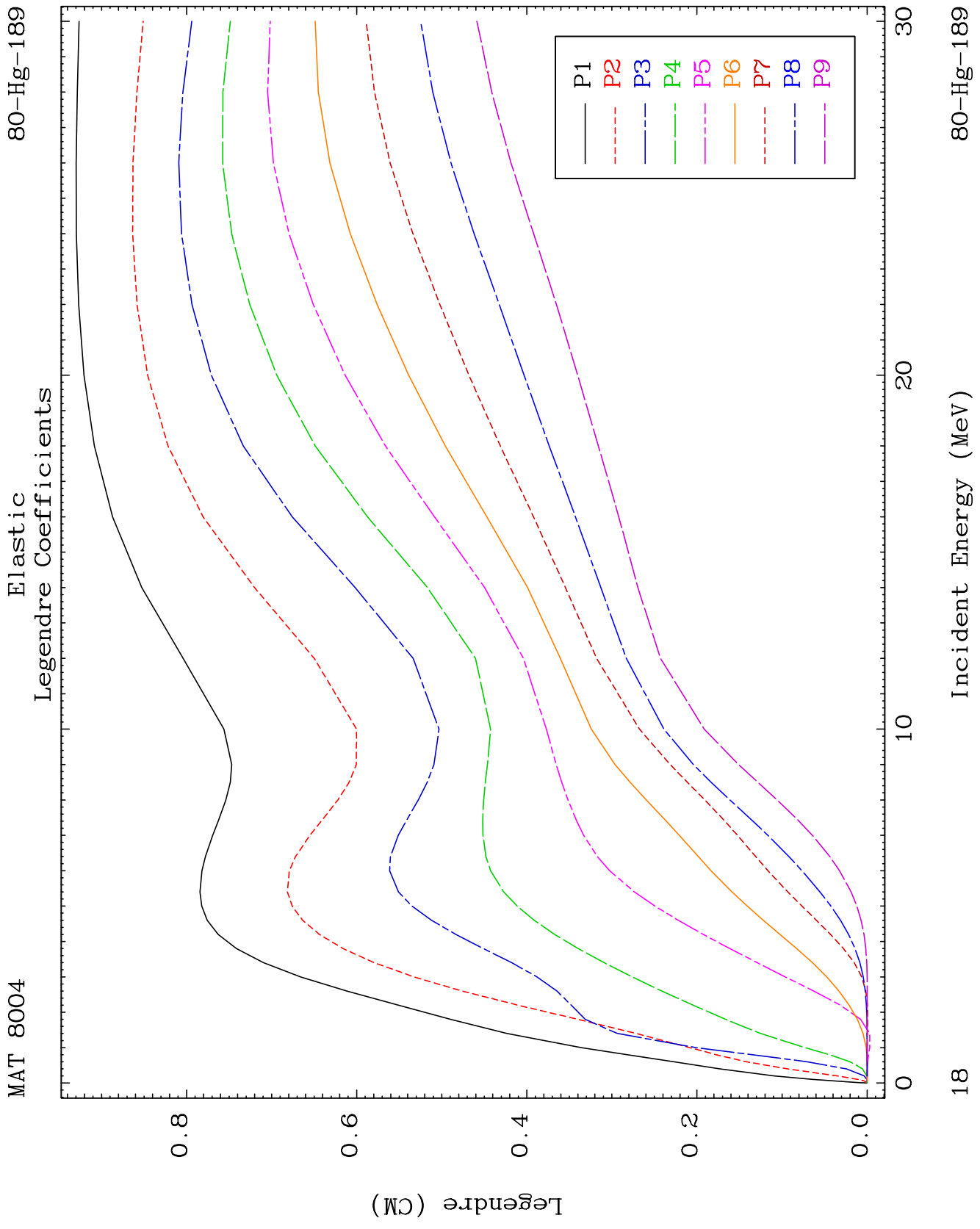


MAT 8004

(n, α) Levels
293 Kelvin Cross Sections

80-Hg-189

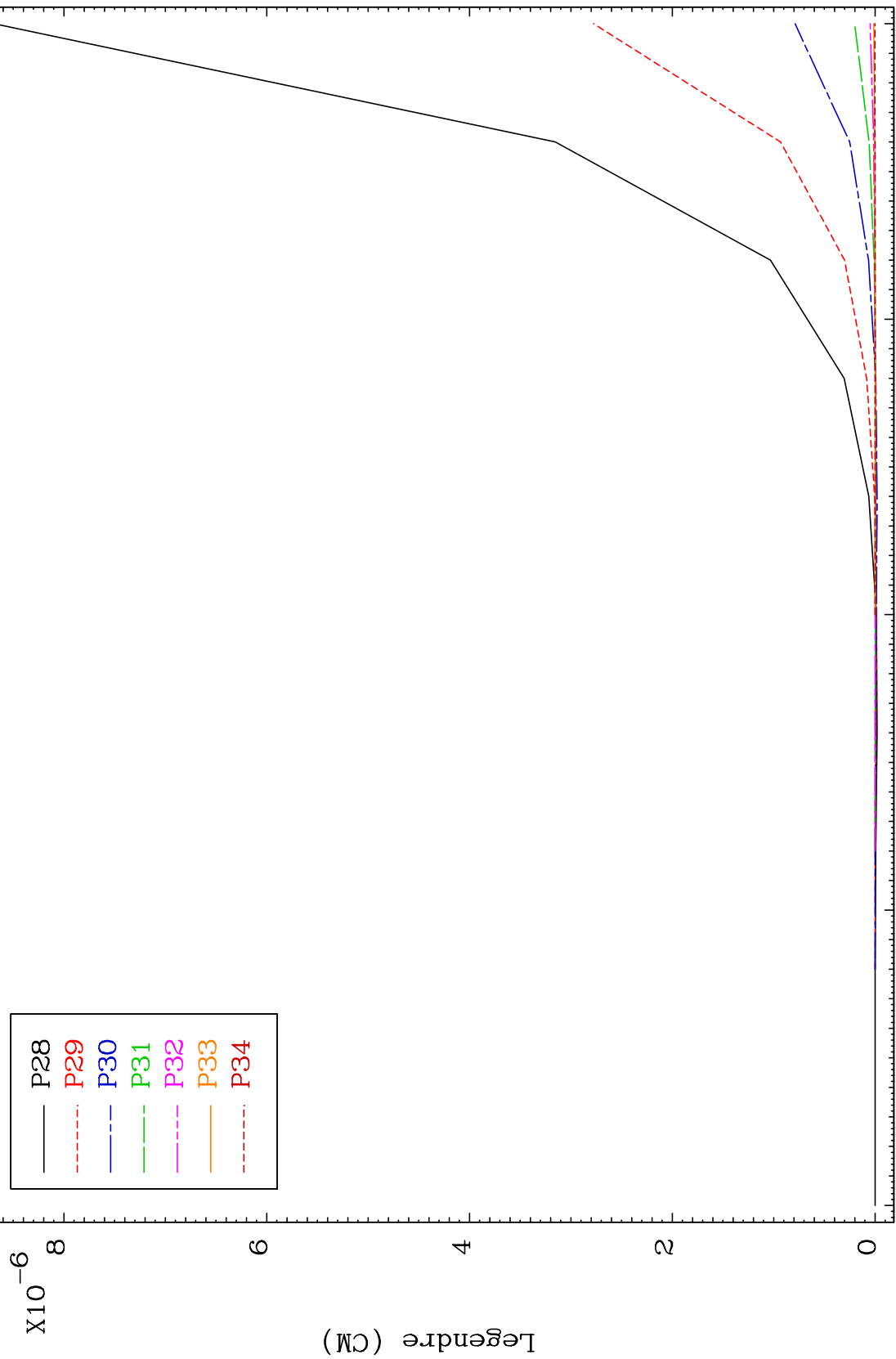
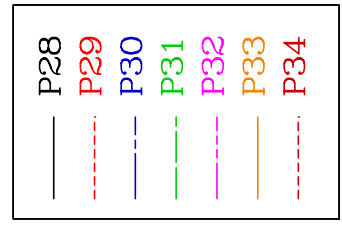




MAT 8004

Elastic
Legendre Coefficients

80-Hg-189



21

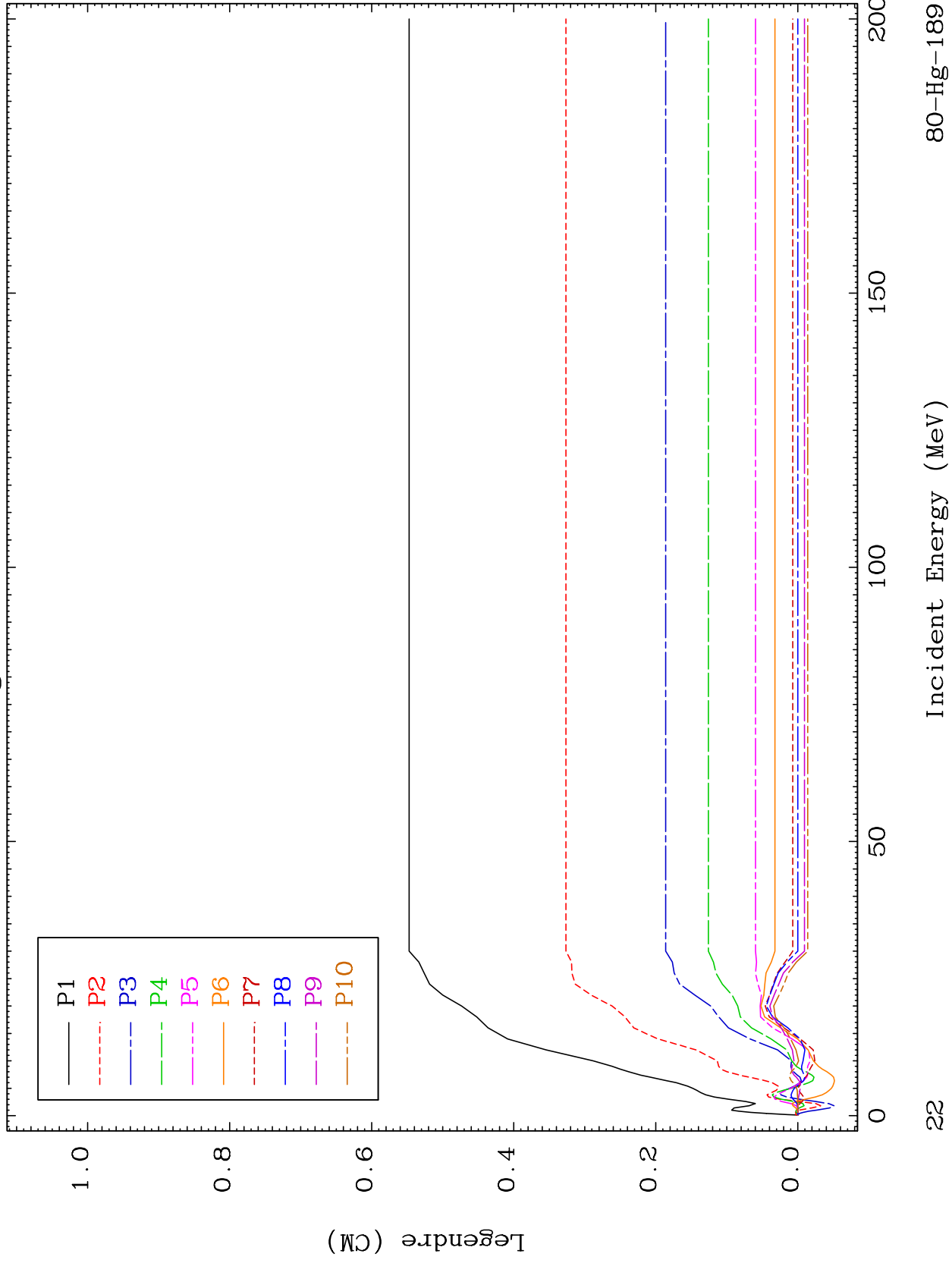
Incident Energy (MeV)

80-Hg-189

MAT 8004

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

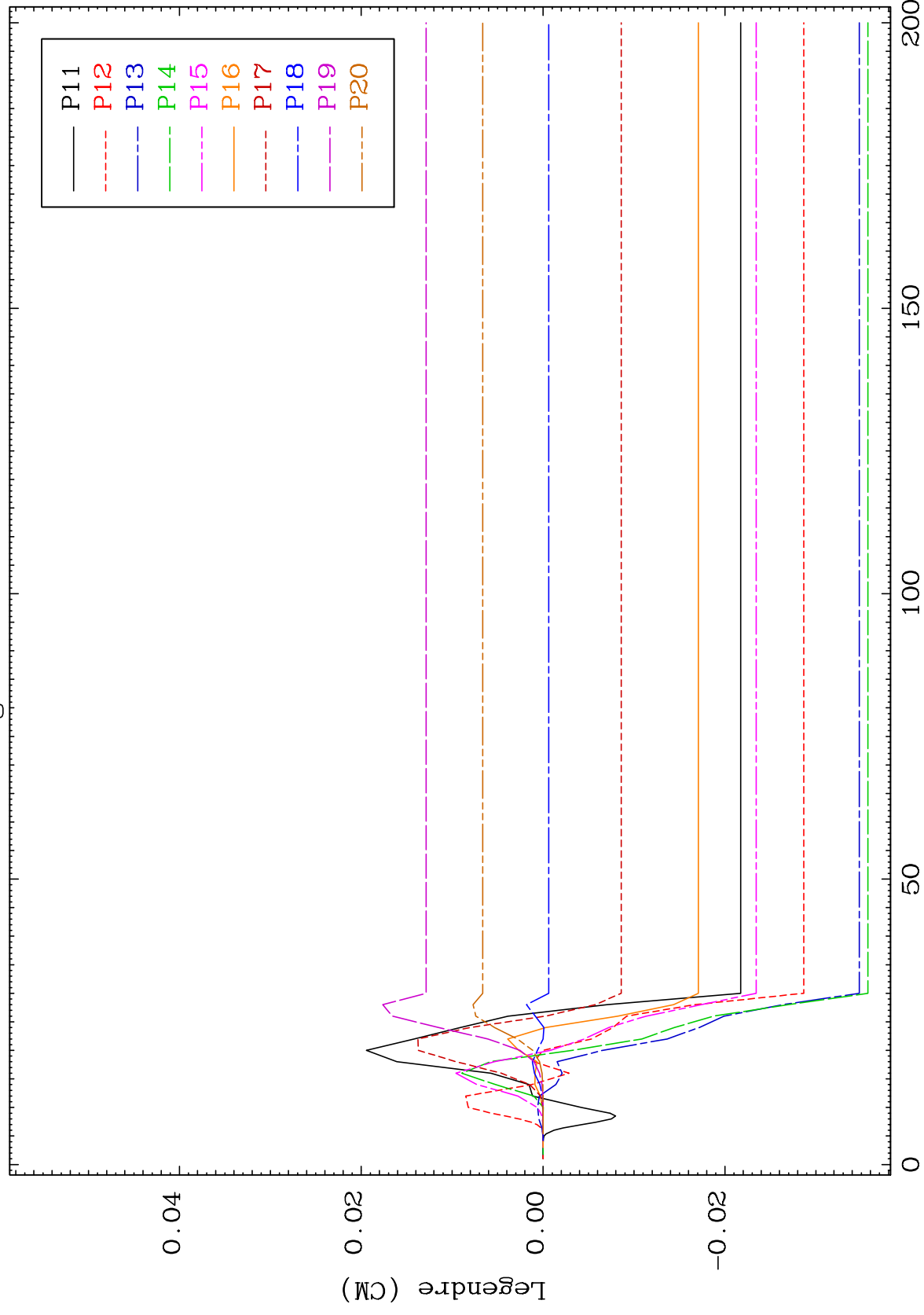
80-Hg-189



MAT 8004

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

80-Hg-189



23

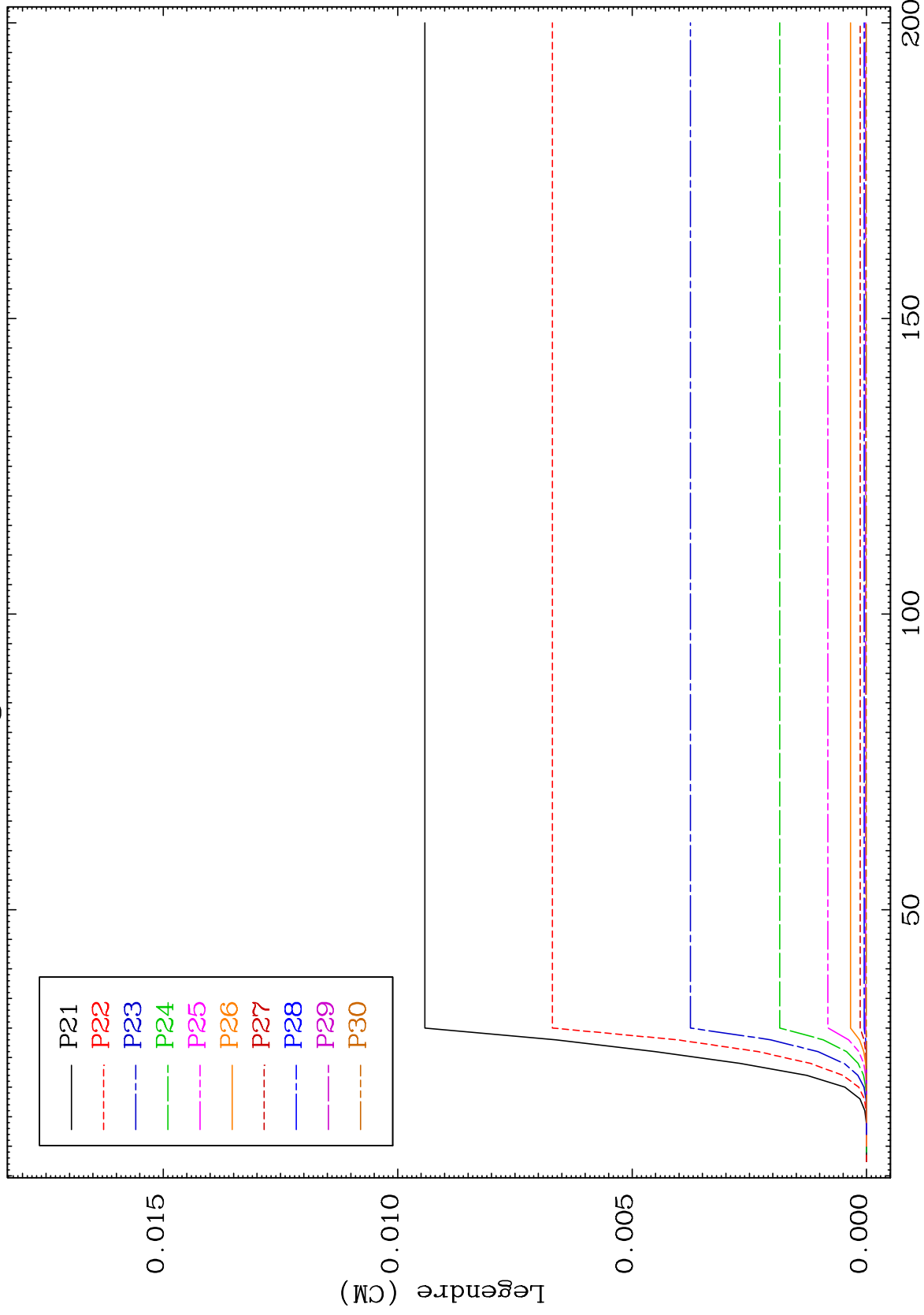
Incident Energy (MeV)

80-Hg-189

MAT 8004

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

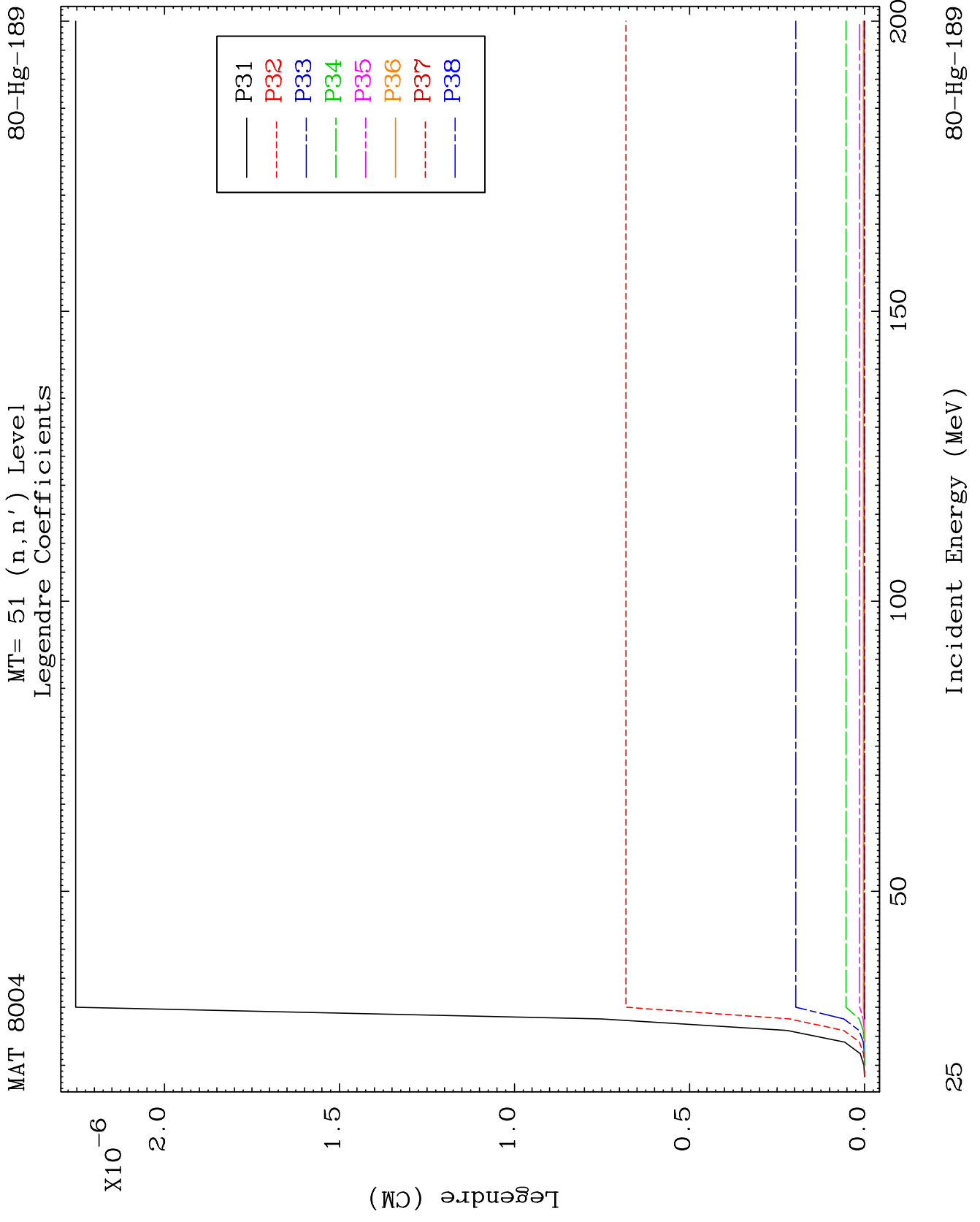
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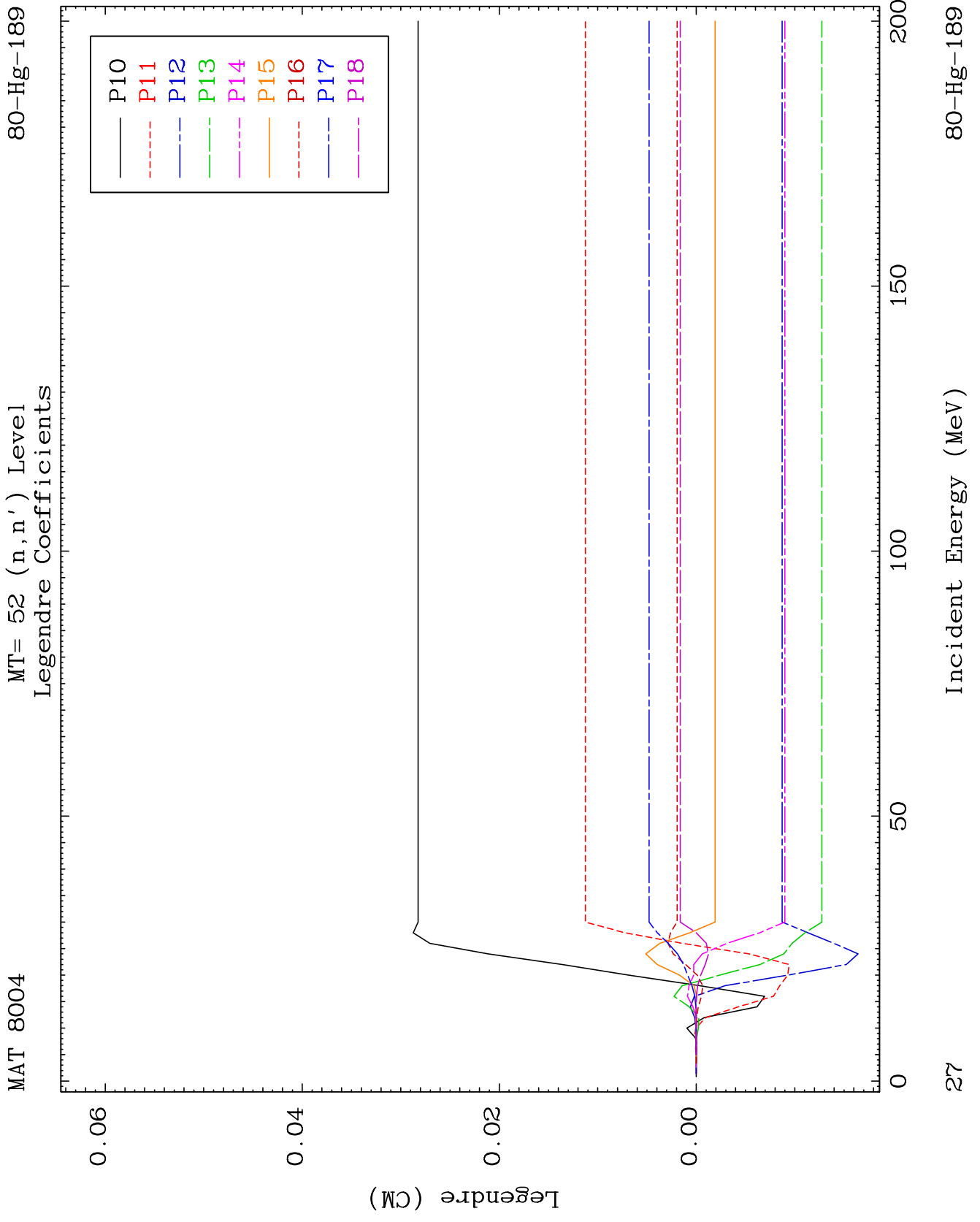


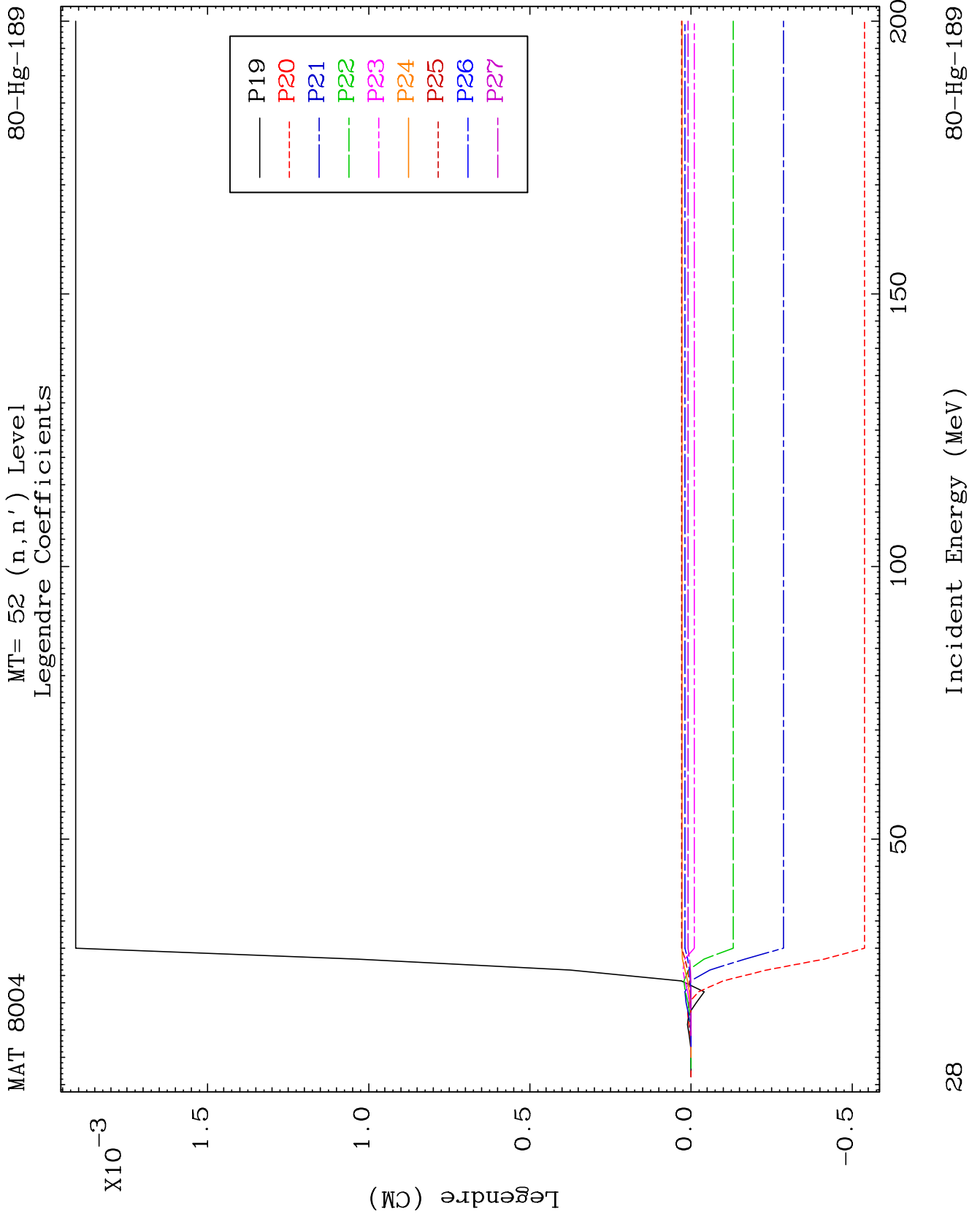
24

Incident Energy (MeV)

80-Hg-189



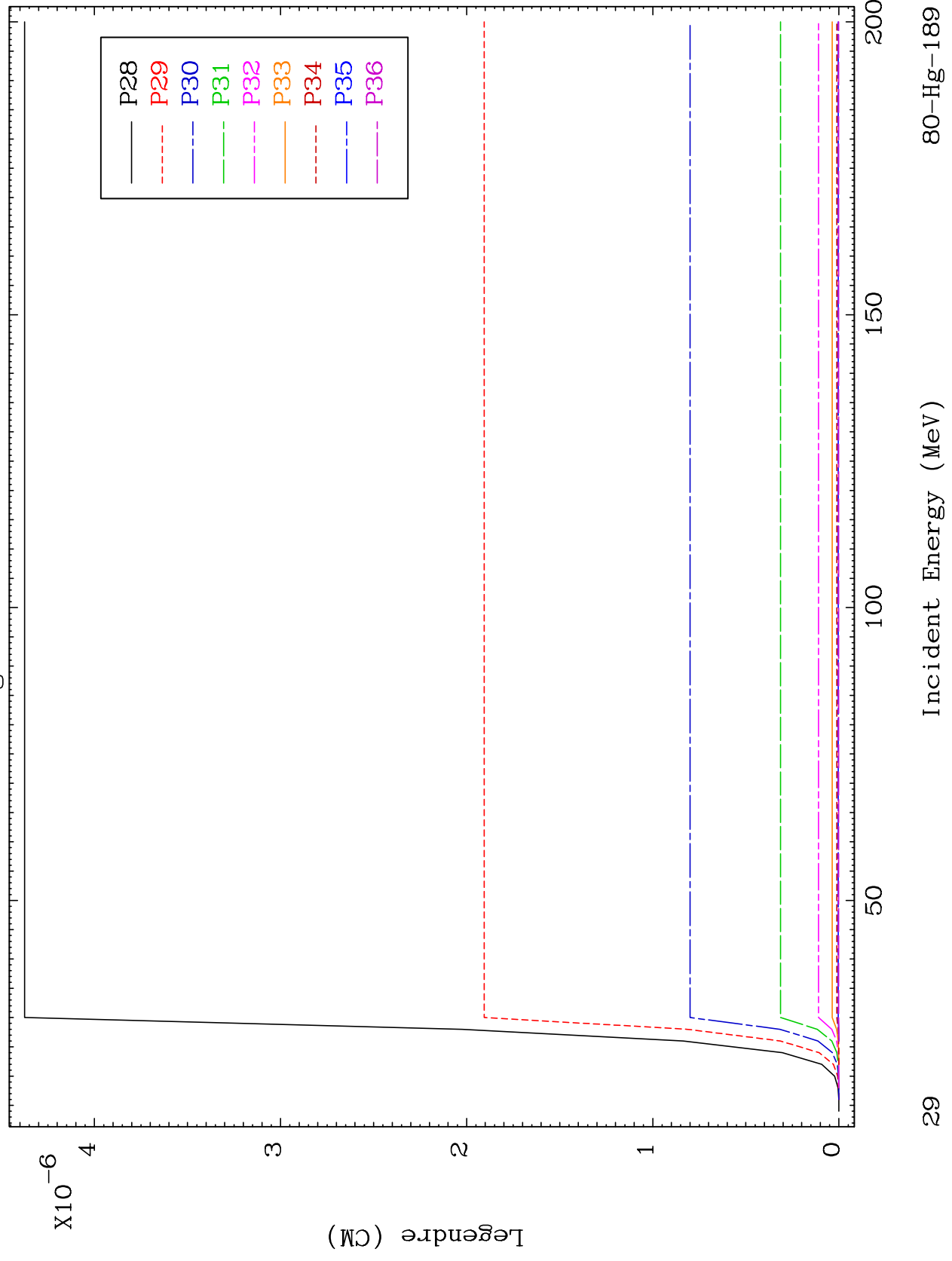


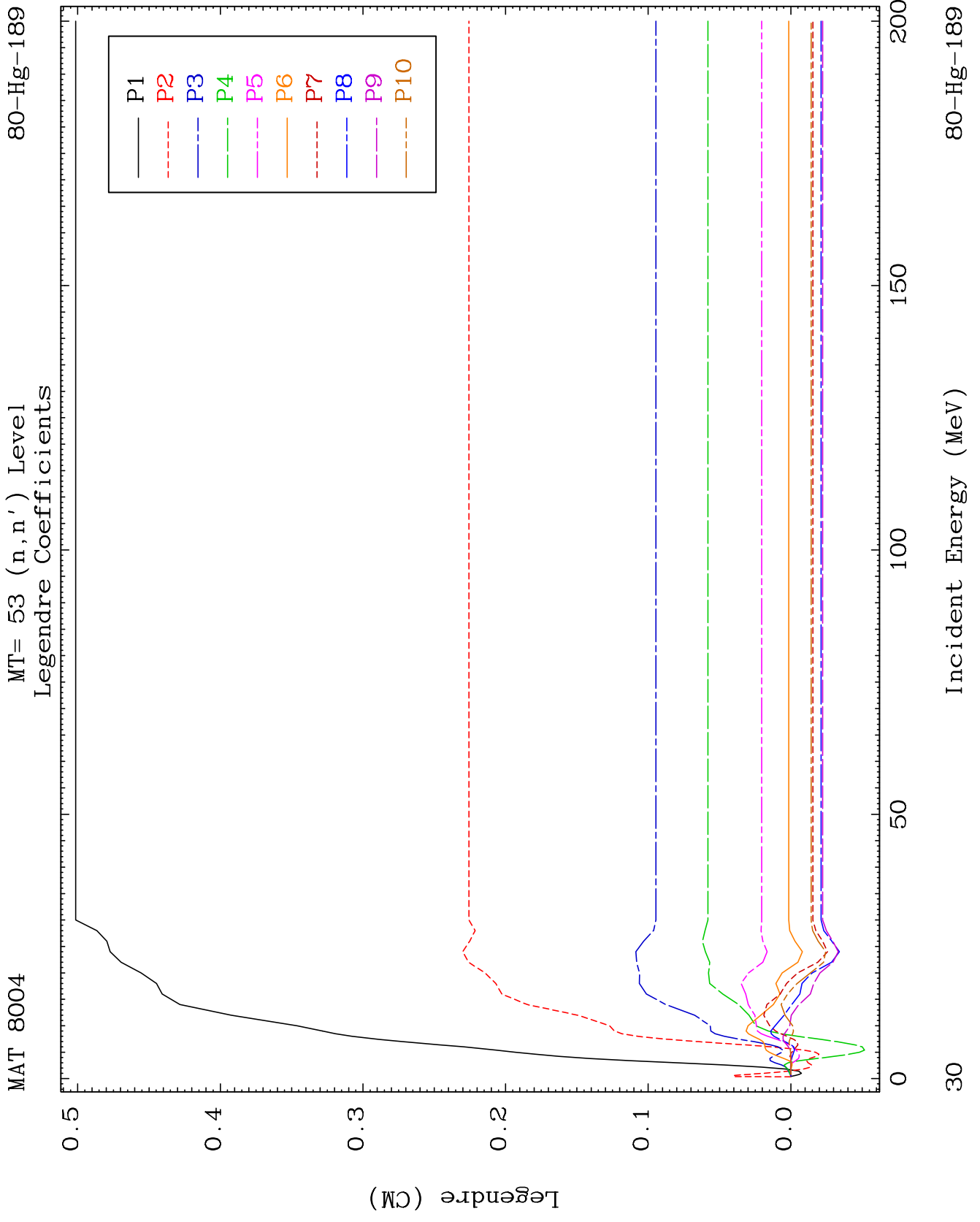


MAT 8004

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

80-Hg-189

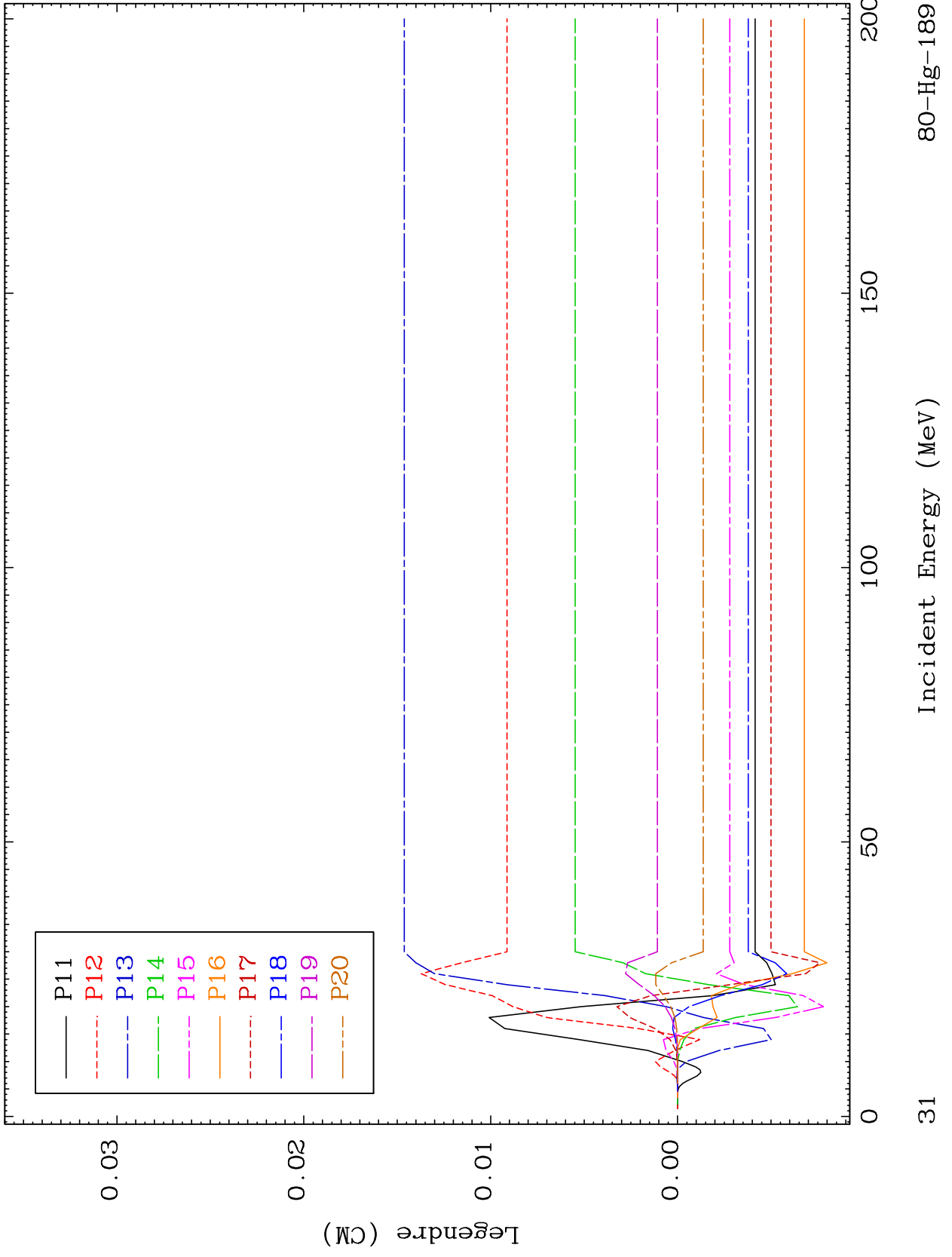




MAT 8004

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

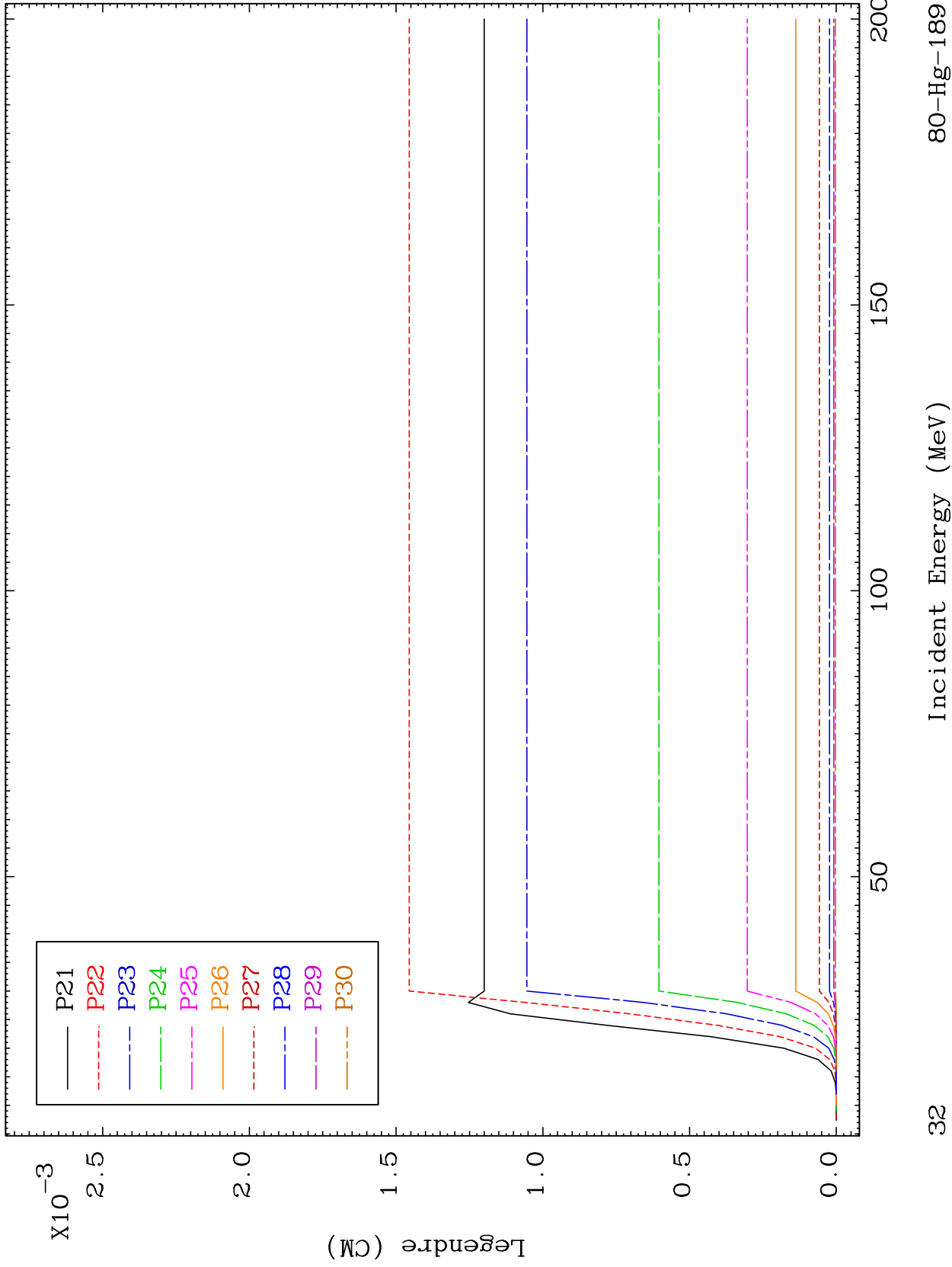
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MAT 8004

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

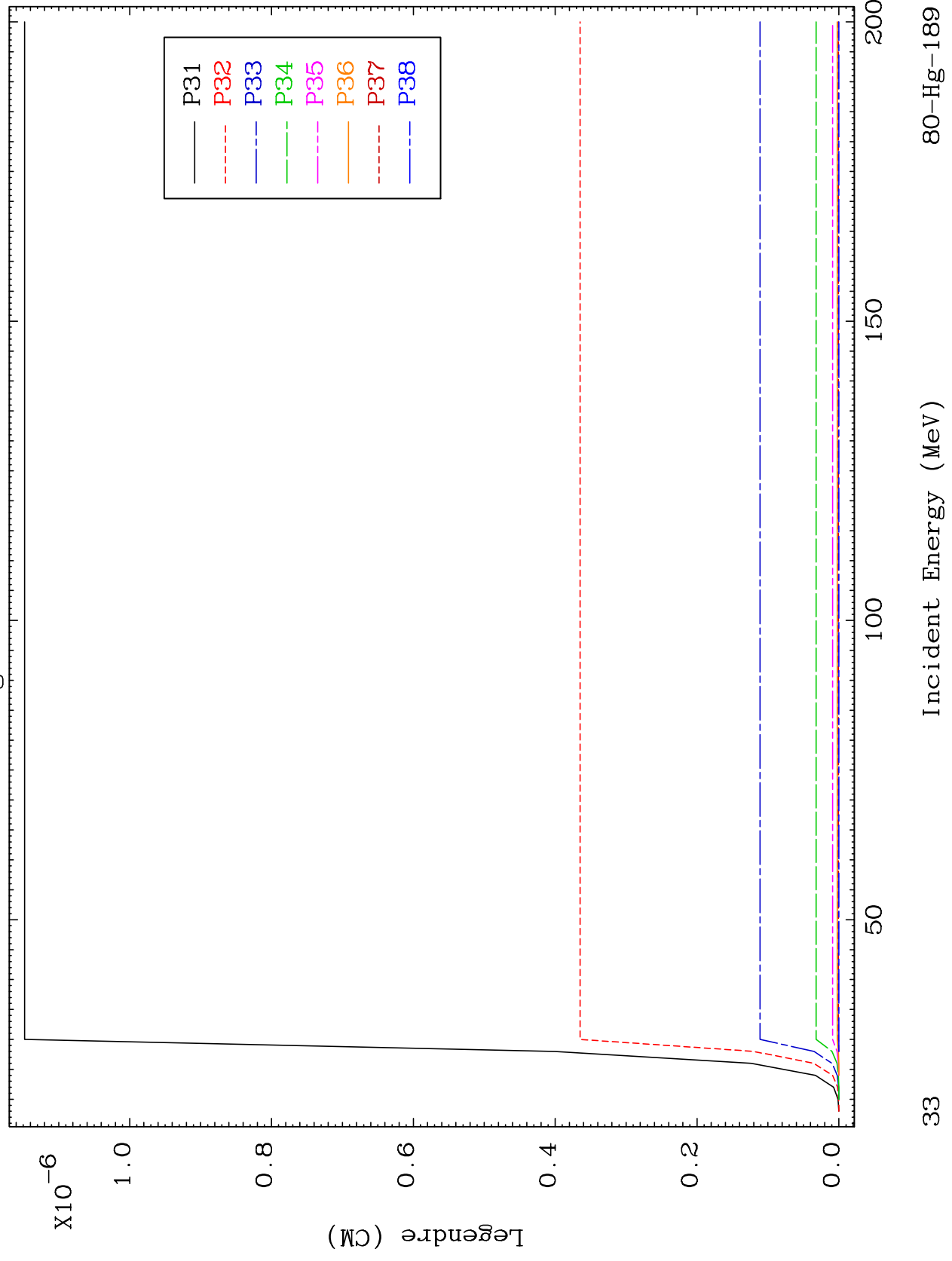
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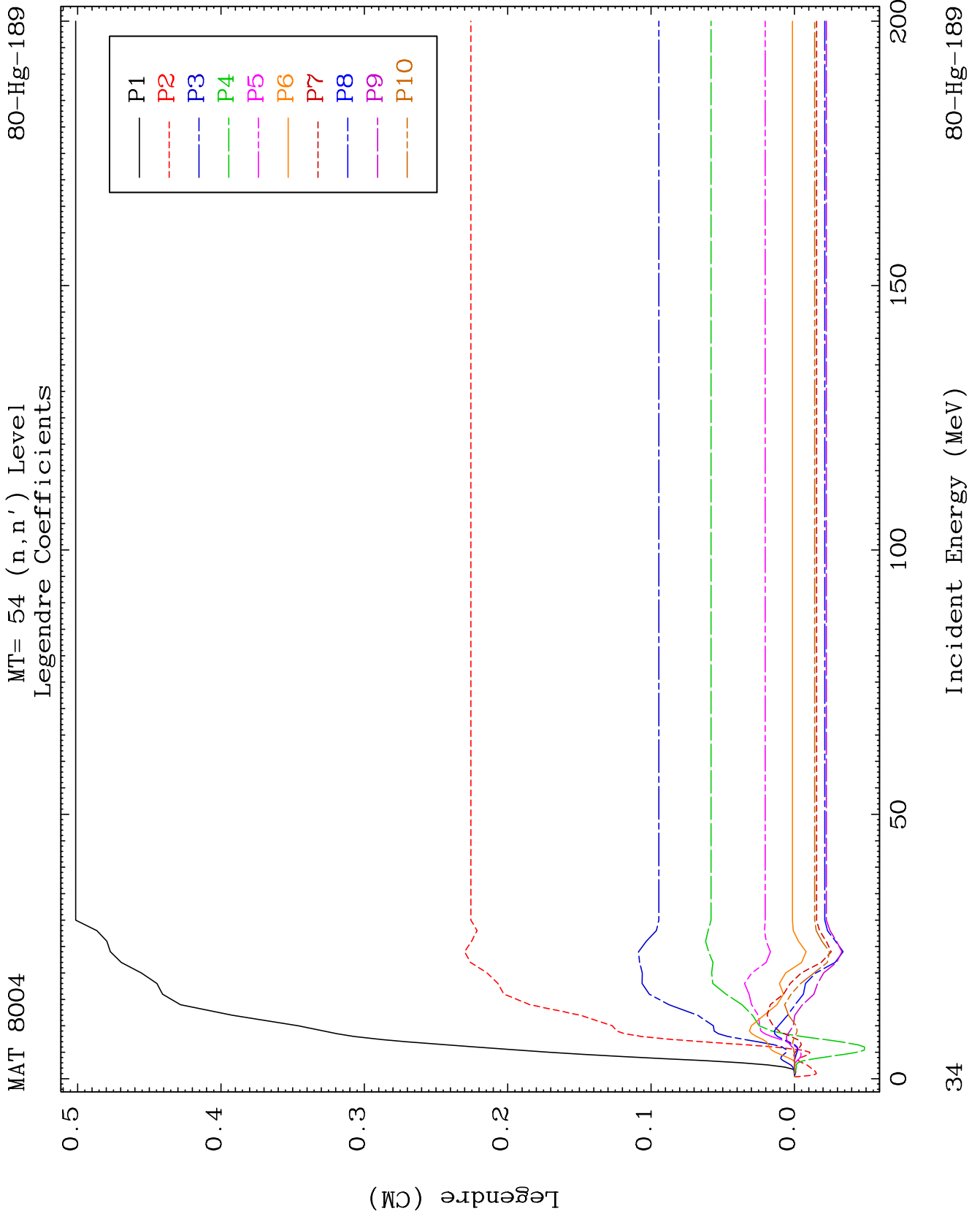


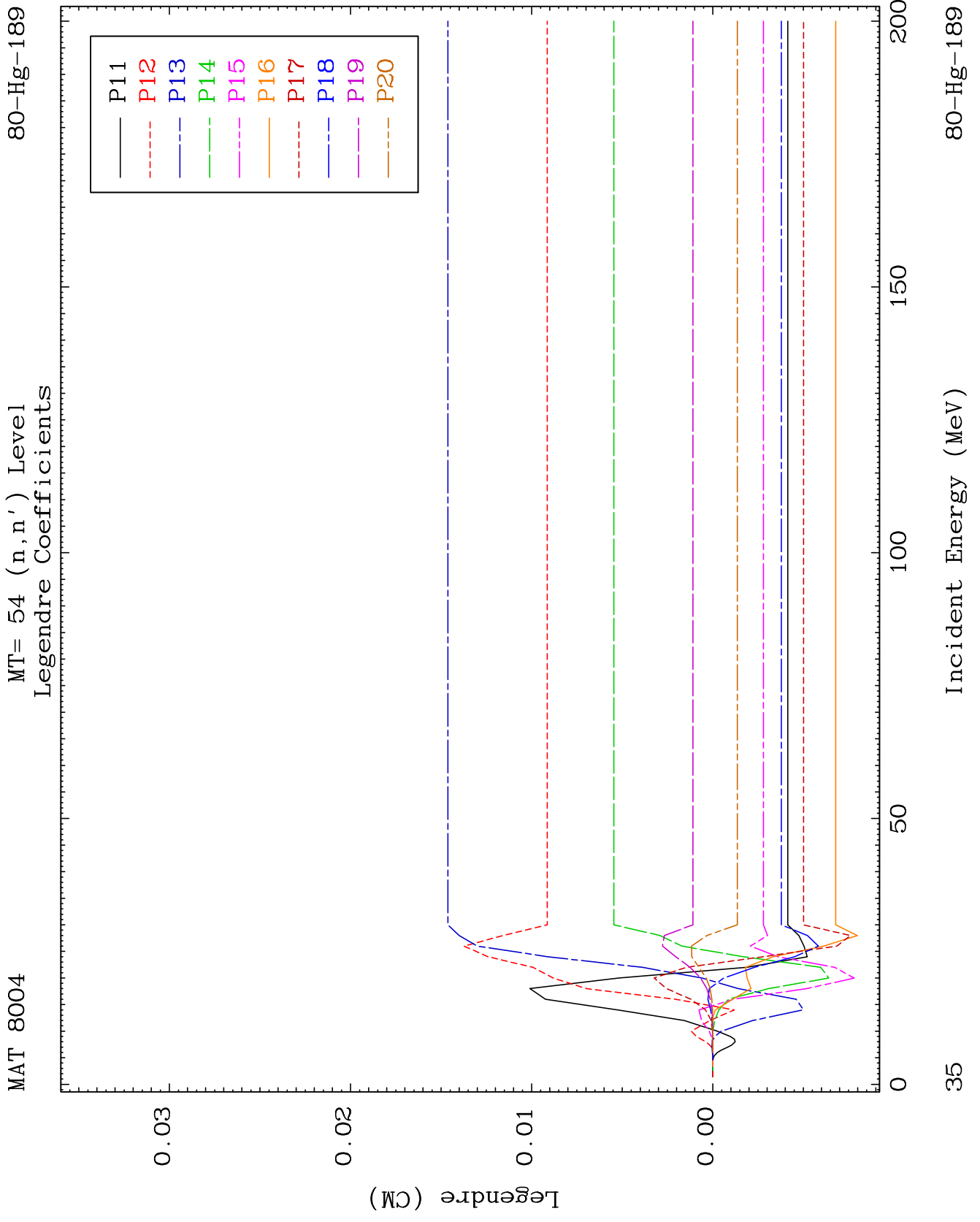
MAT 8004

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

80-Hg-189



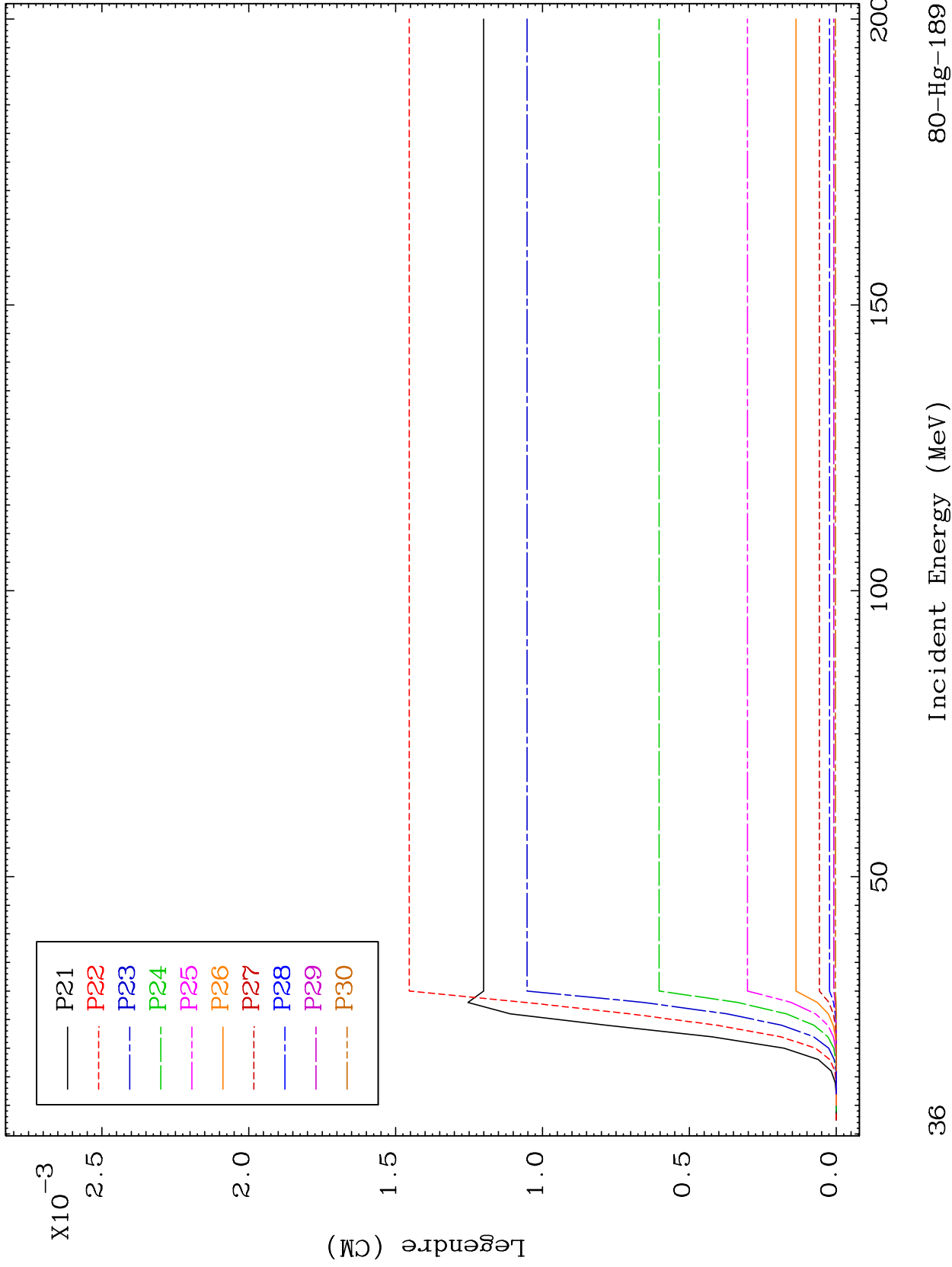




MAT 8004

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

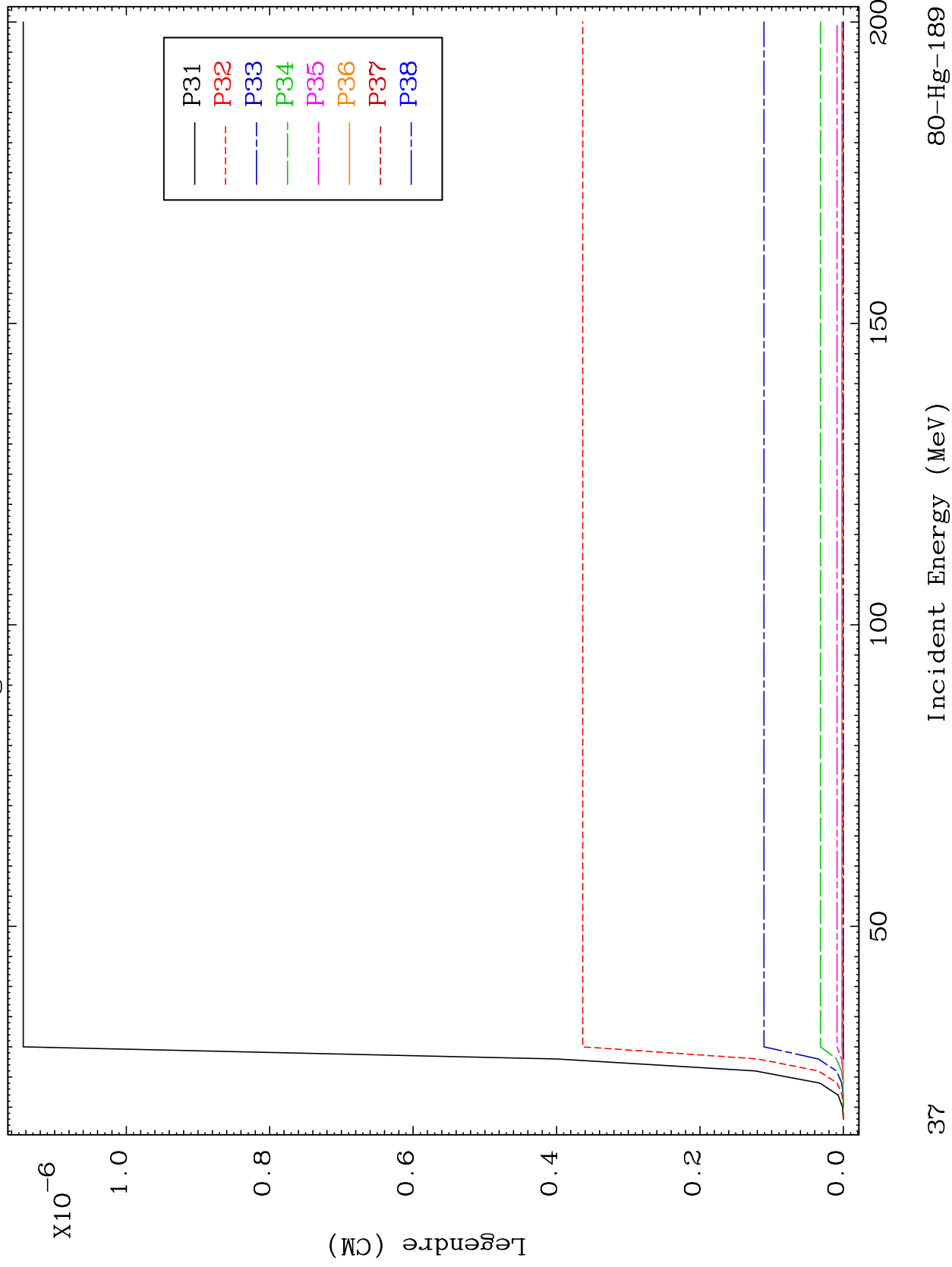
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MAT 8004

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

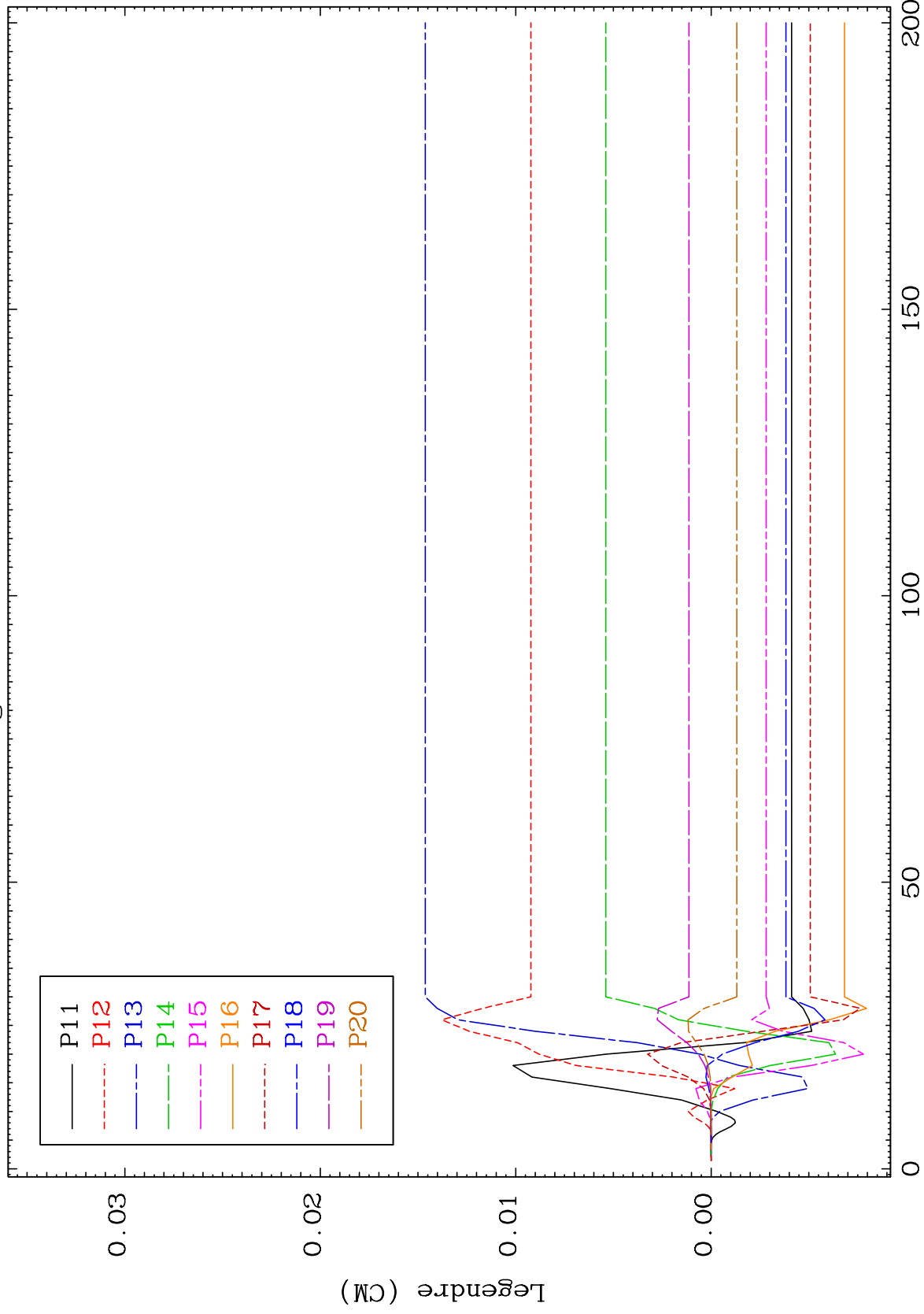
80-Hg-189



MAT 8004

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

80-Hg-189



39

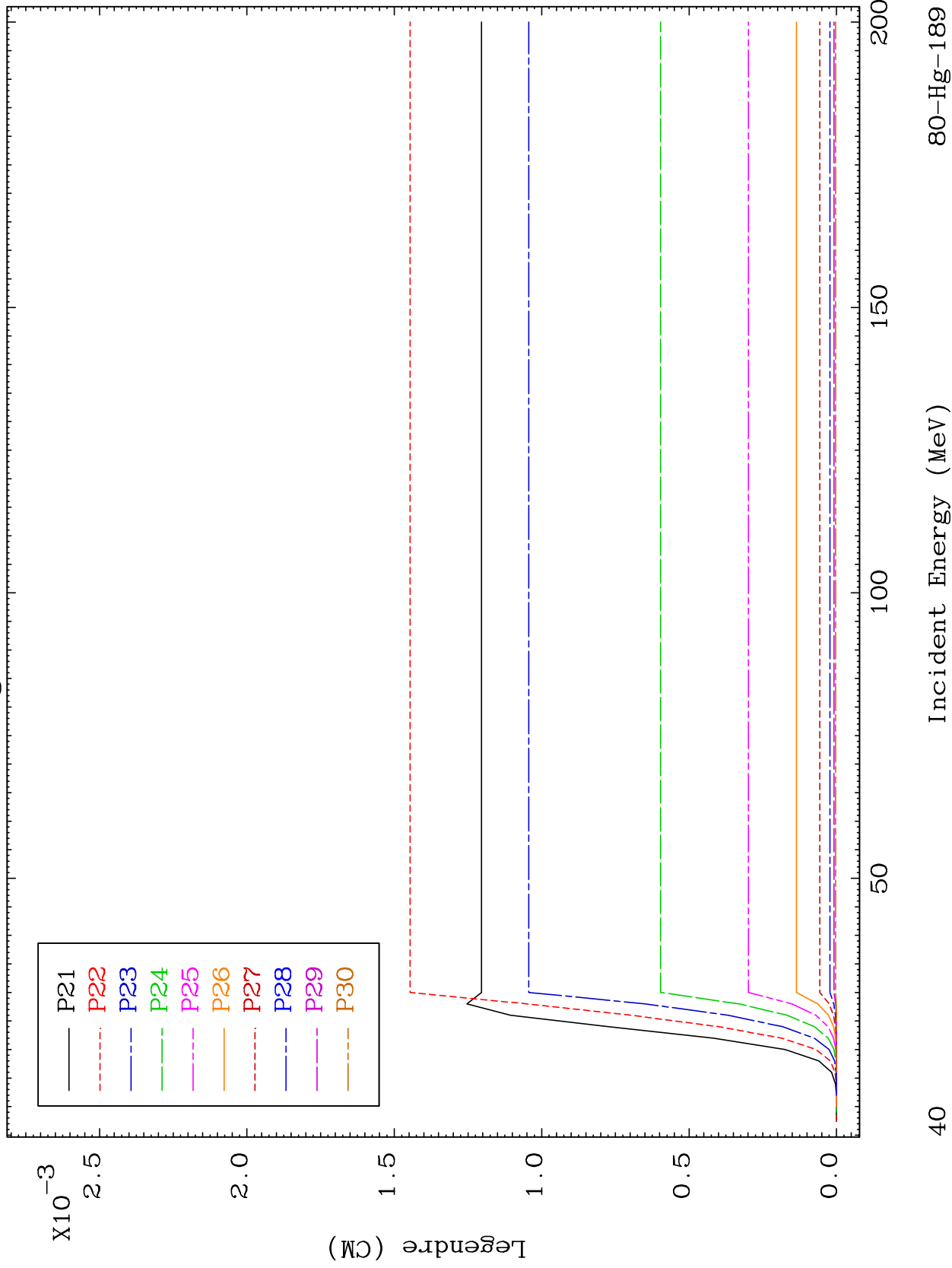
Incident Energy (MeV)

80-Hg-189

MAT 8004

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

80-Hg-189



40

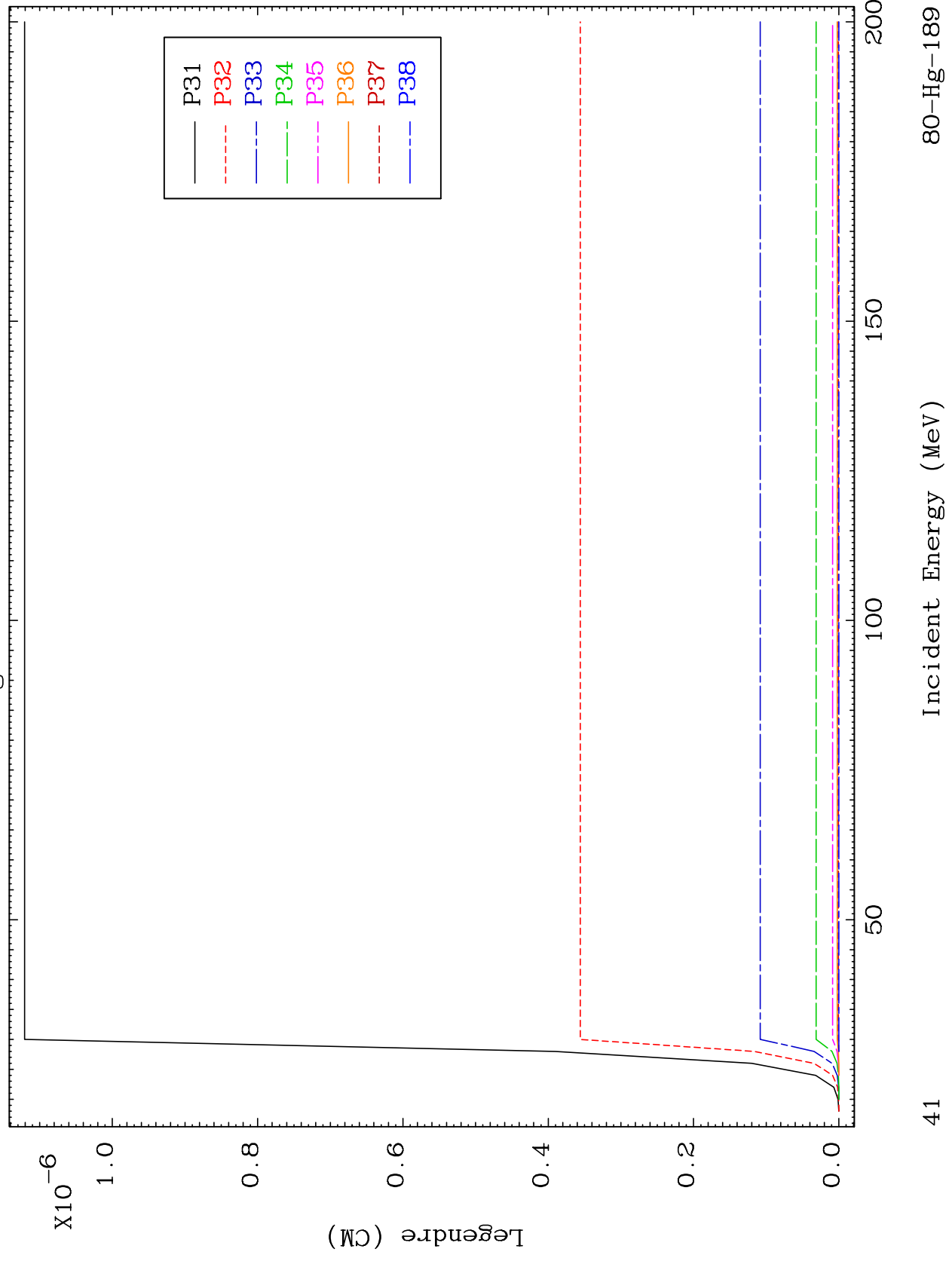
Incident Energy (MeV)

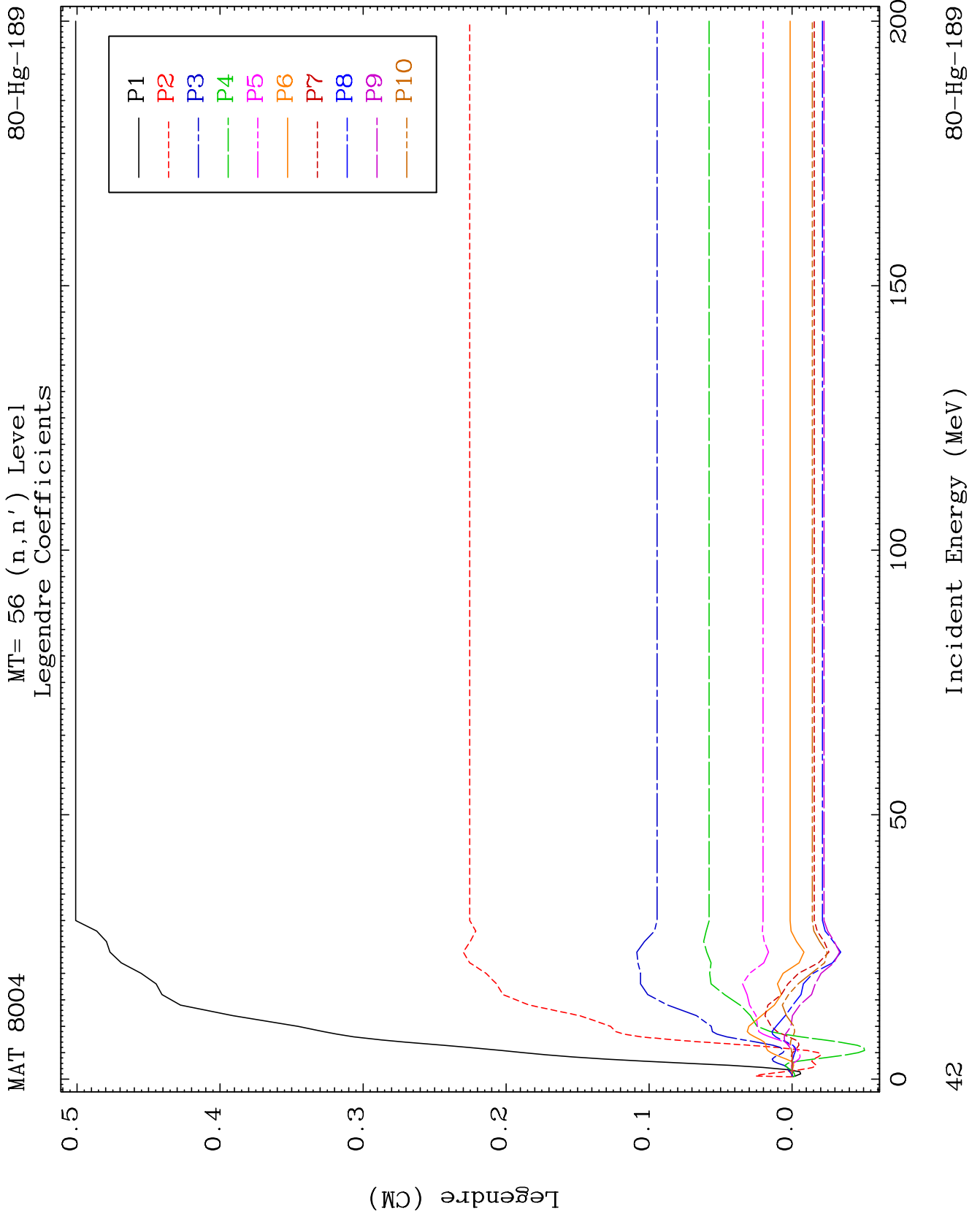
80-Hg-189

MAT 8004

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

80-Hg-189

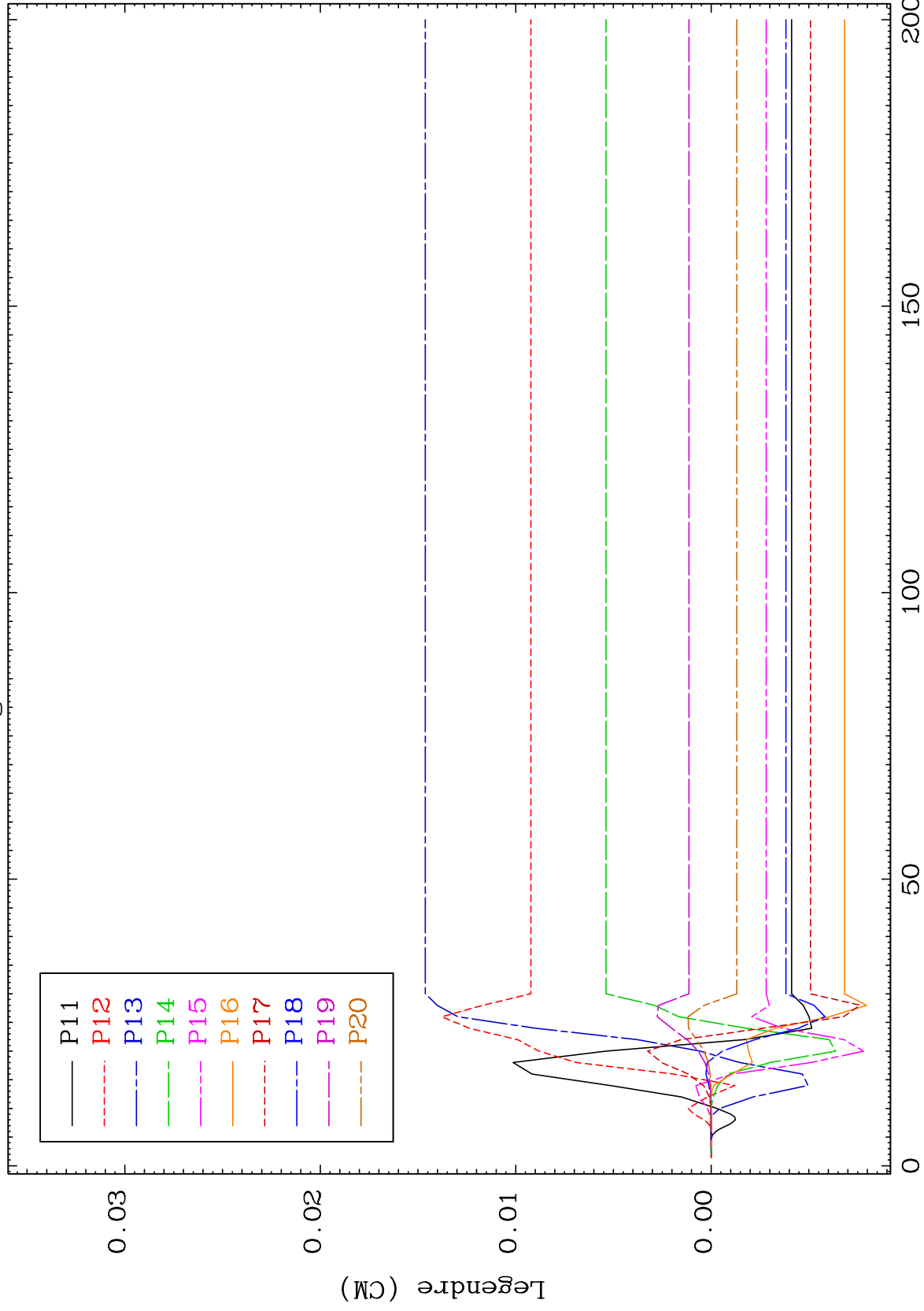




MAT 8004

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

80-Hg-189



43

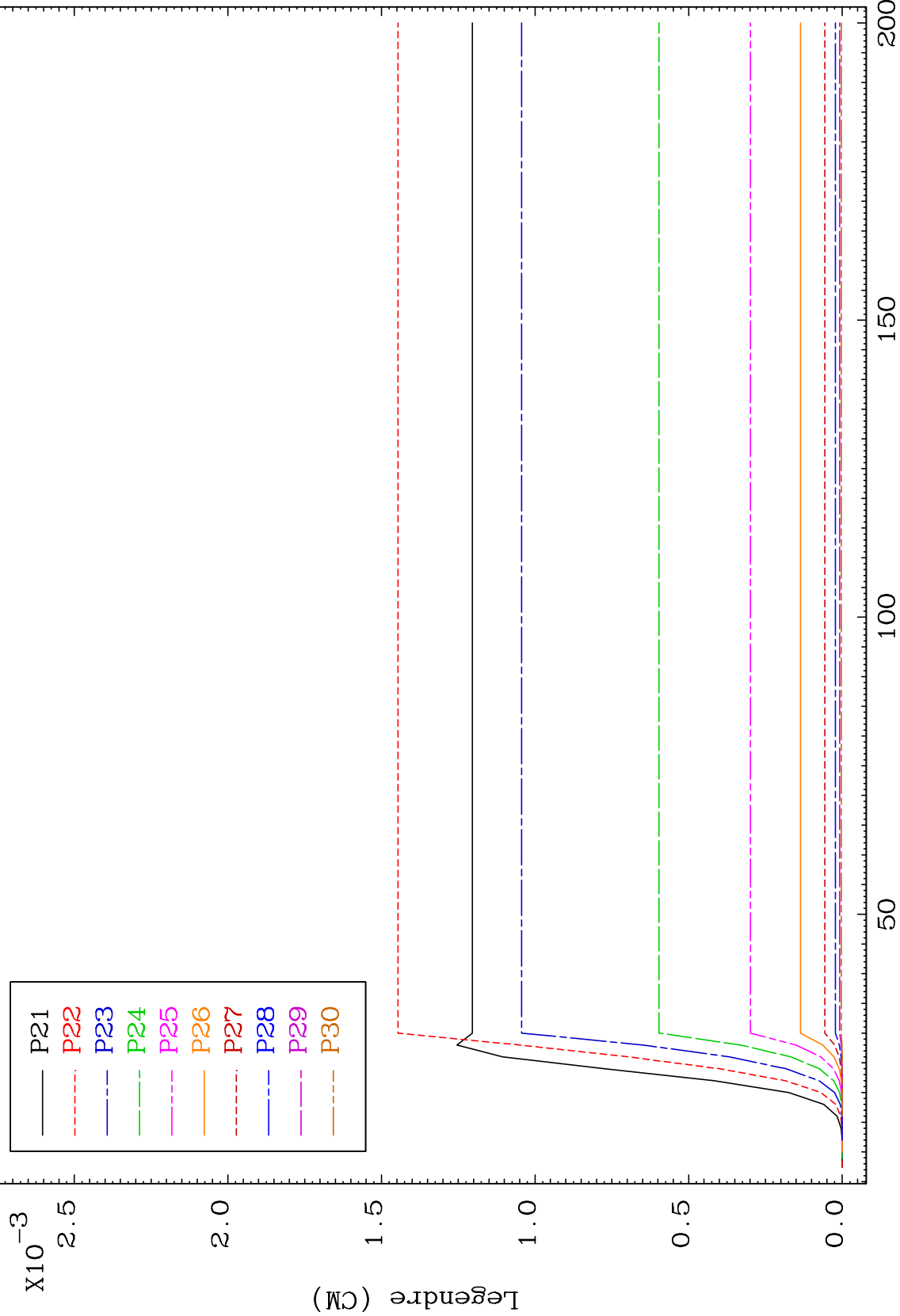
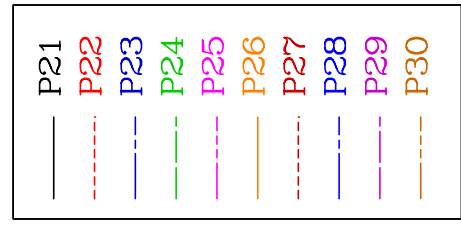
Incident Energy (MeV)

80-Hg-189

MAT 8004

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

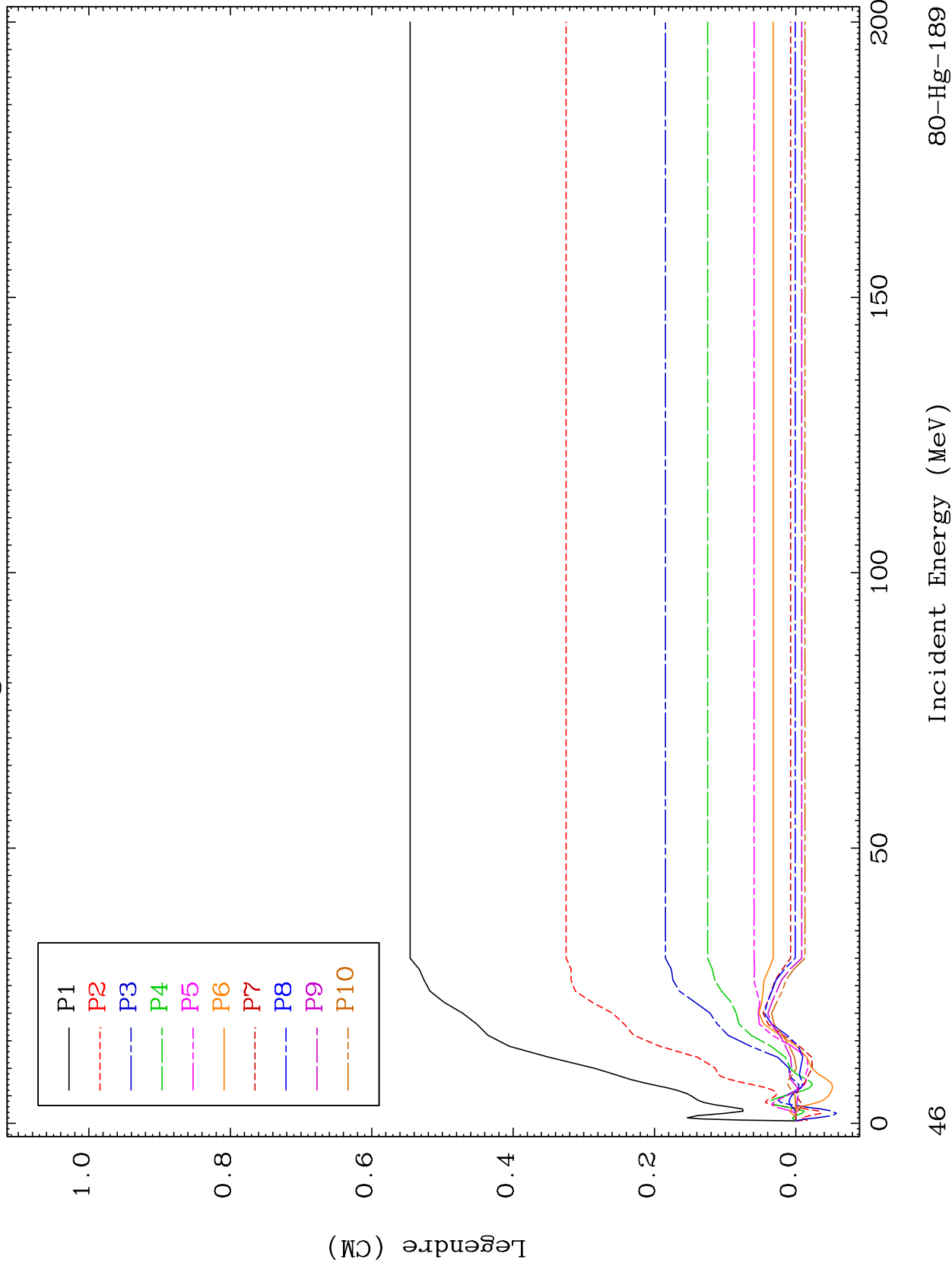
80-Hg-189



MAT 8004

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

80-Hg-189



80-Hg-189

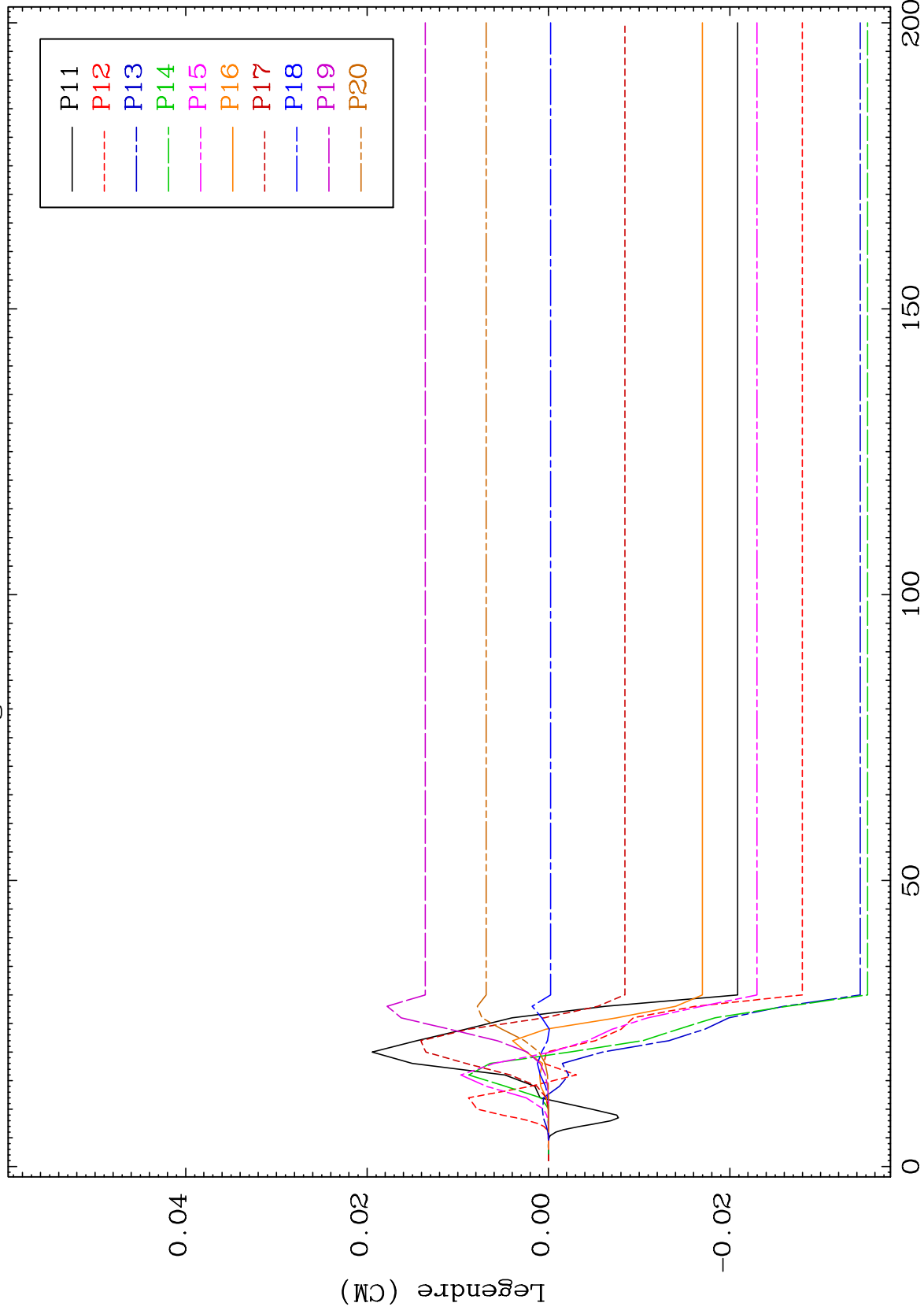
Incident Energy (MeV)

46

MAT 8004

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

80-Hg-189



47

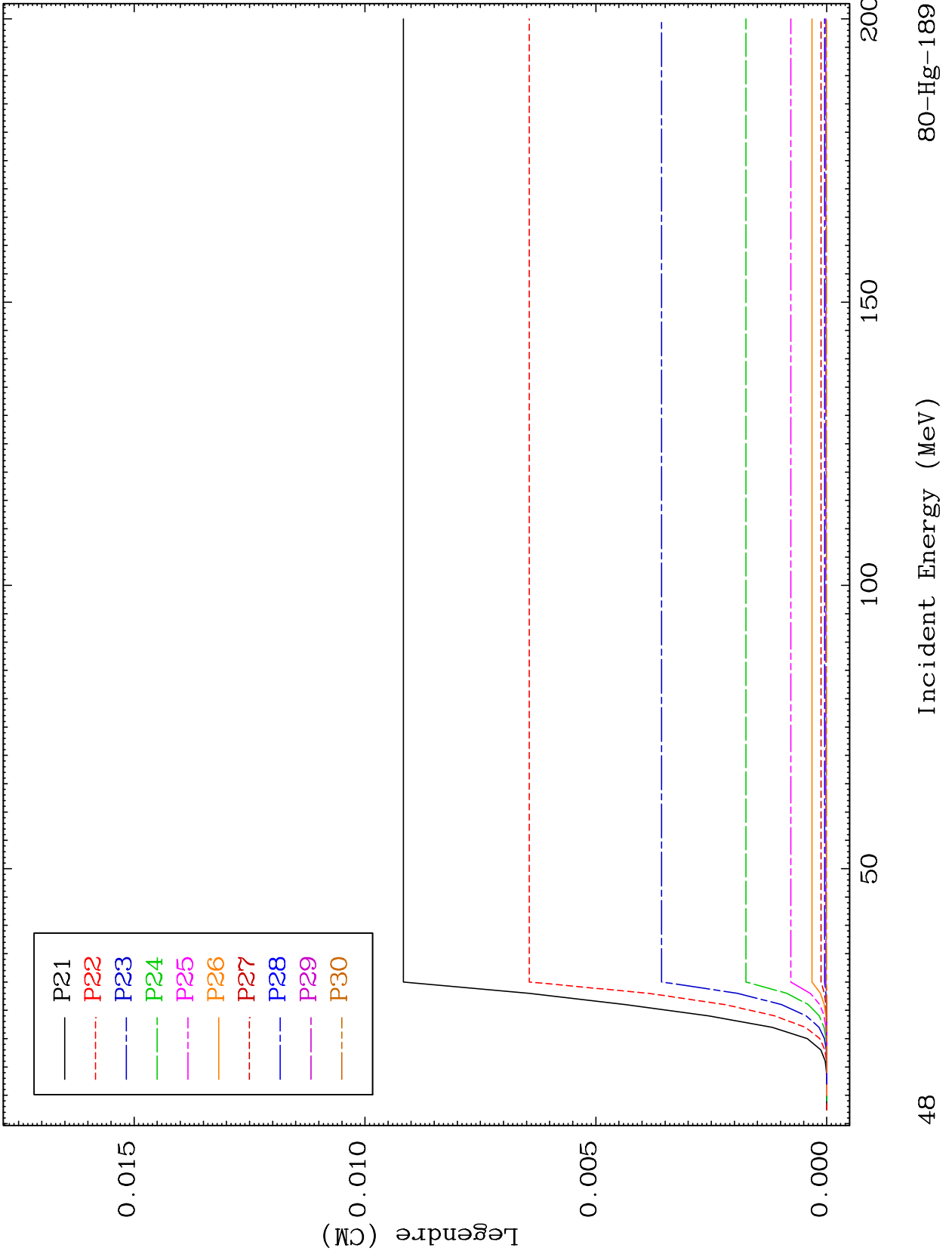
Incident Energy (MeV)

80-Hg-189

MAT 8004

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

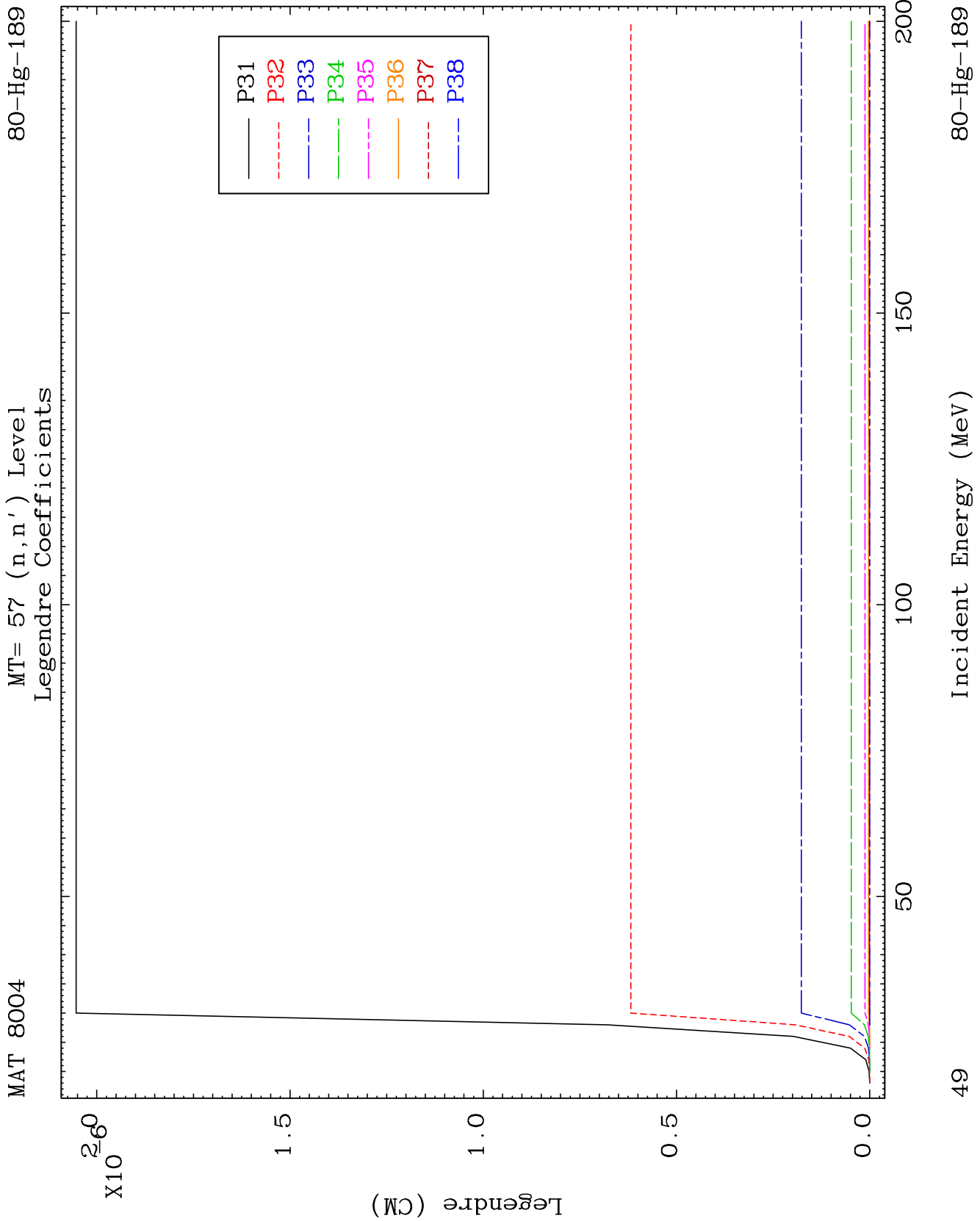
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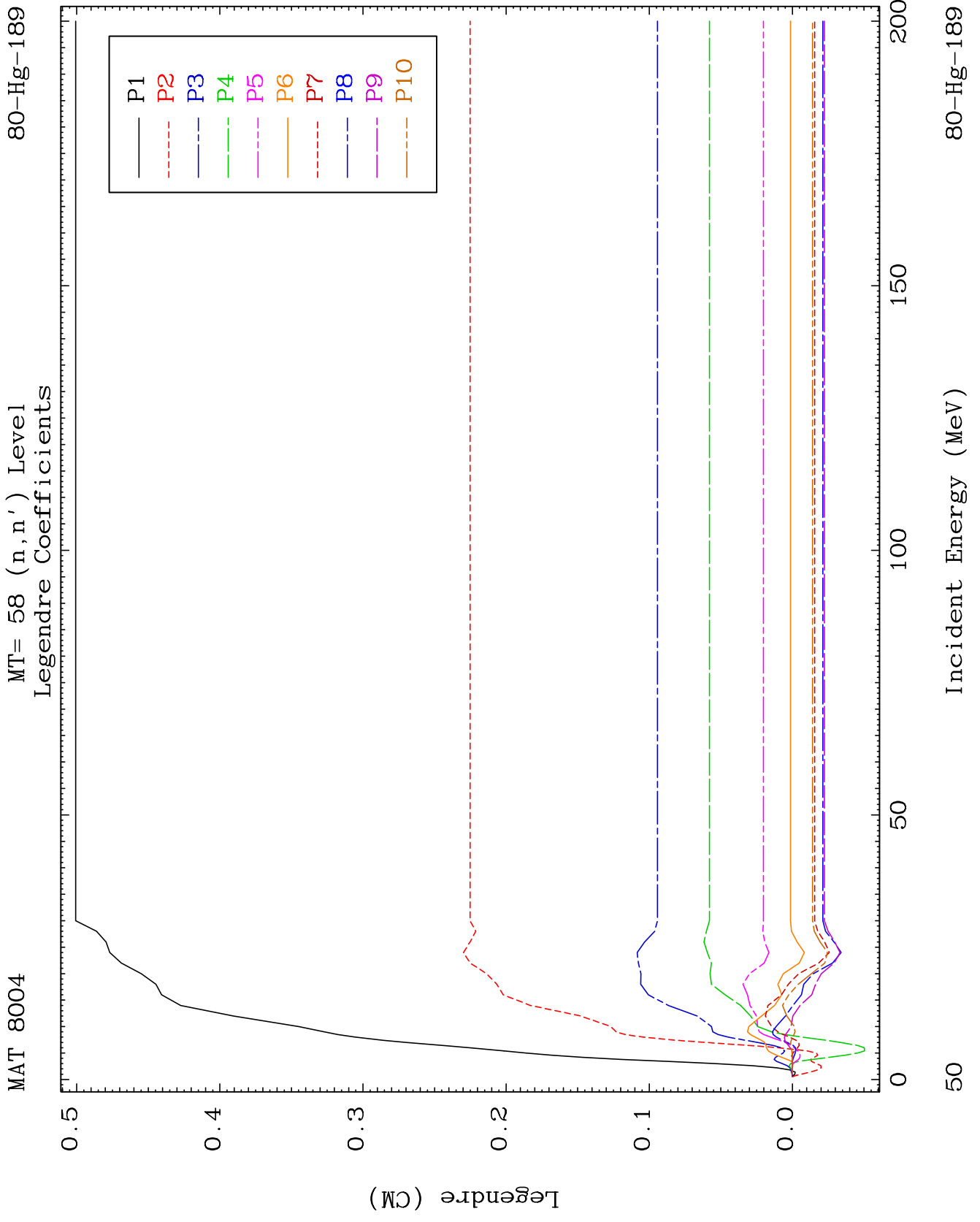


48

Incident Energy (MeV)

80-Hg-189

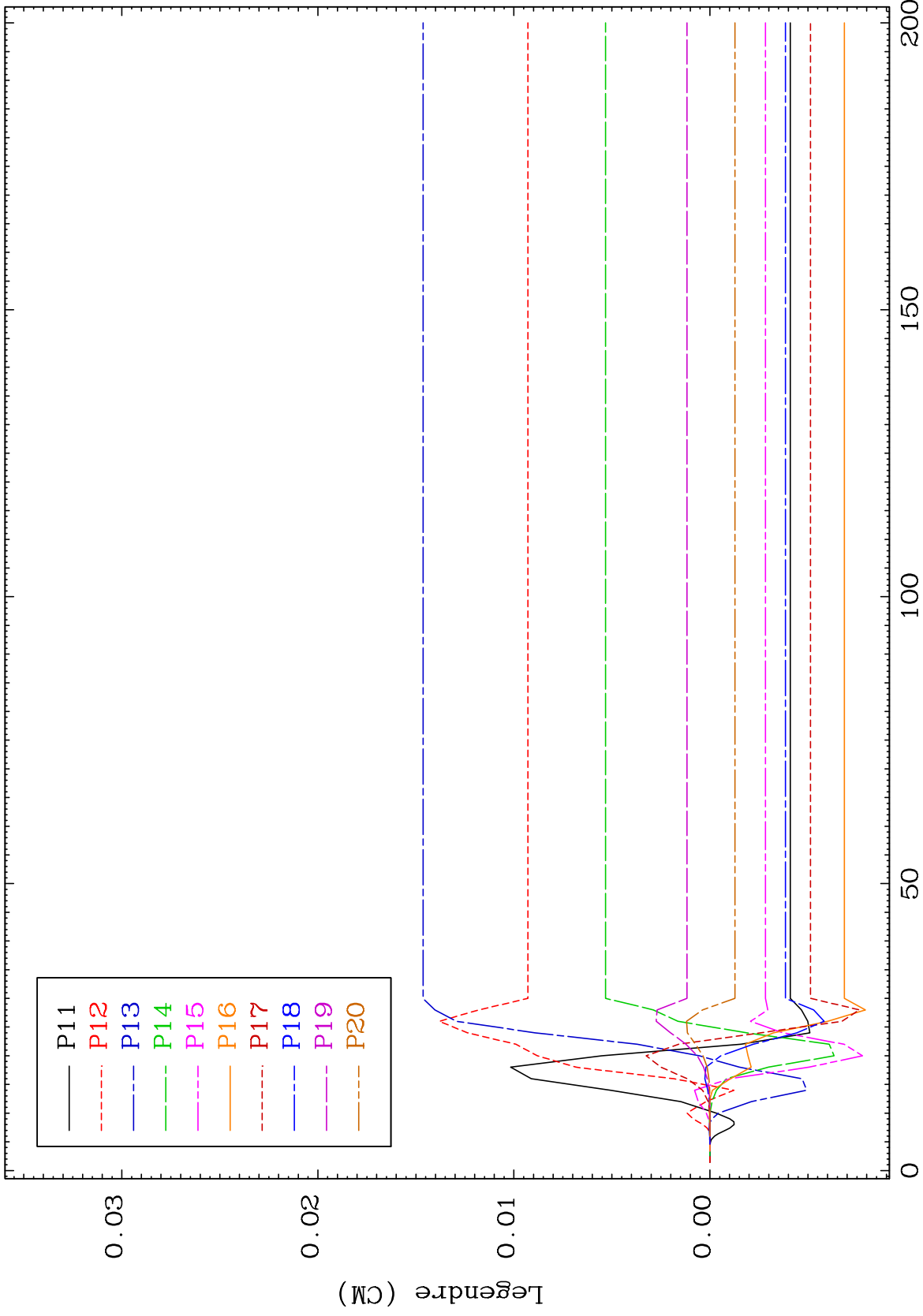




MAT 8004

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

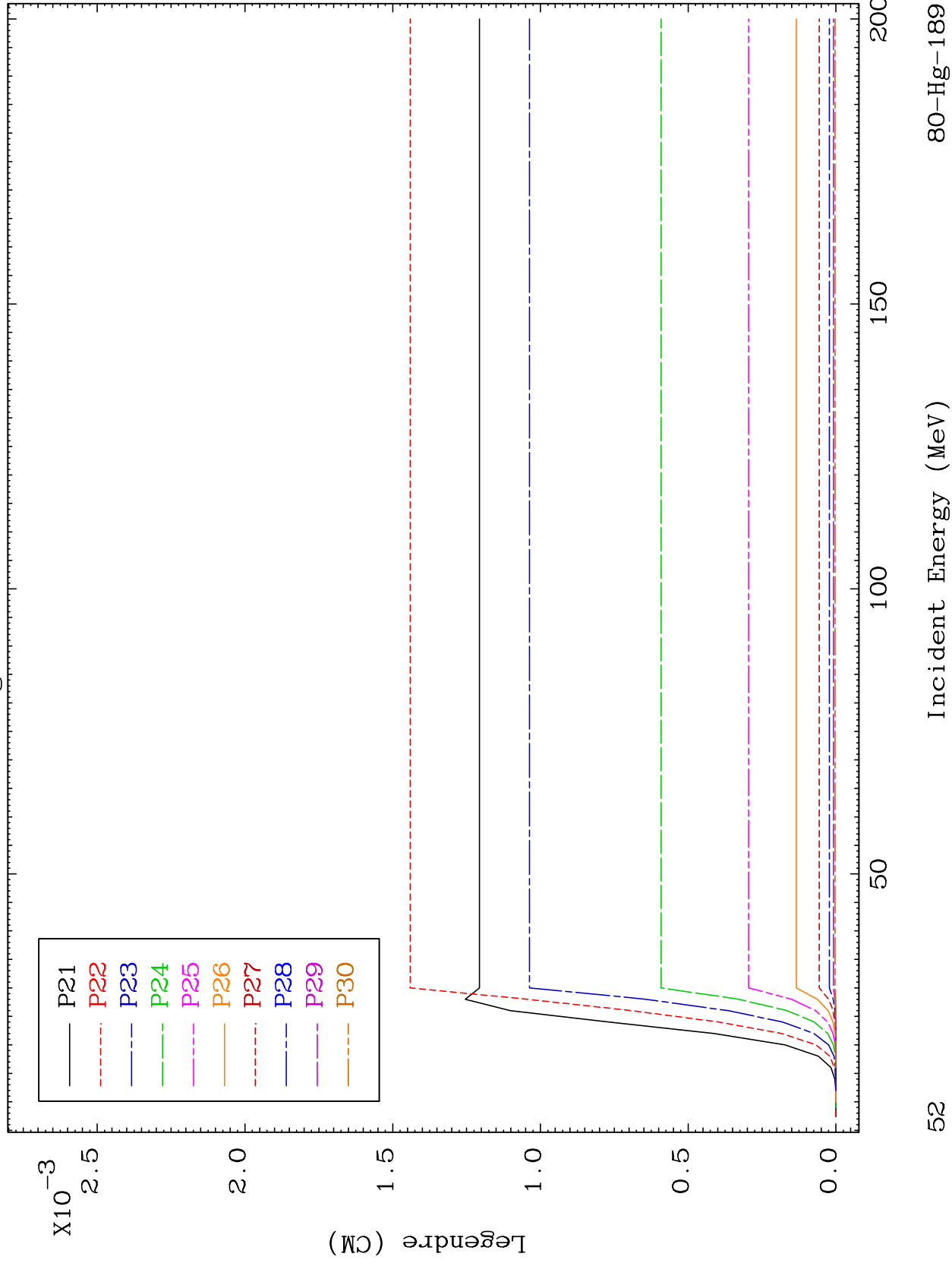
80-Hg-189



MAT 8004

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

80-Hg-189

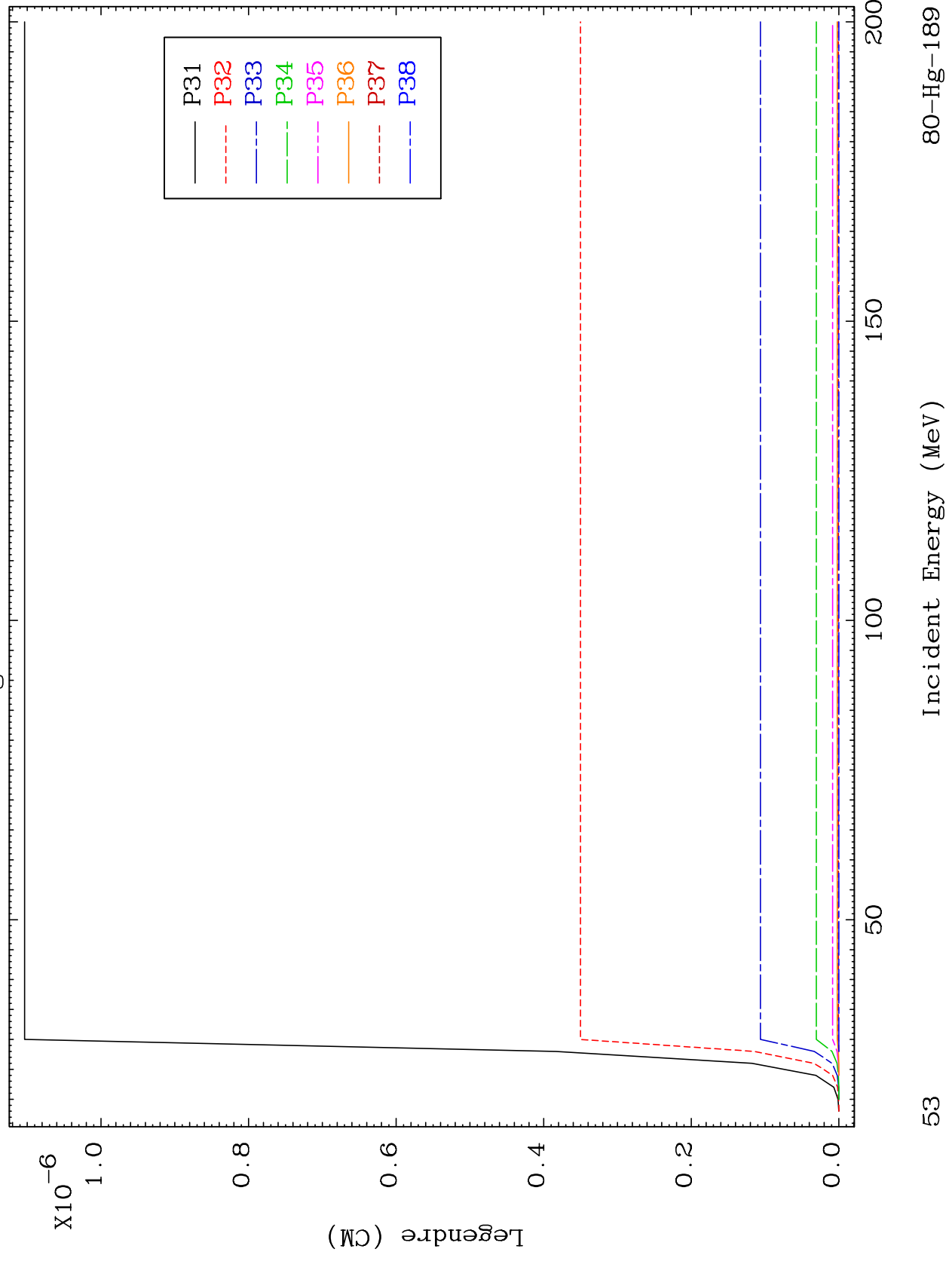


52

MAT 8004

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

80-Hg-189

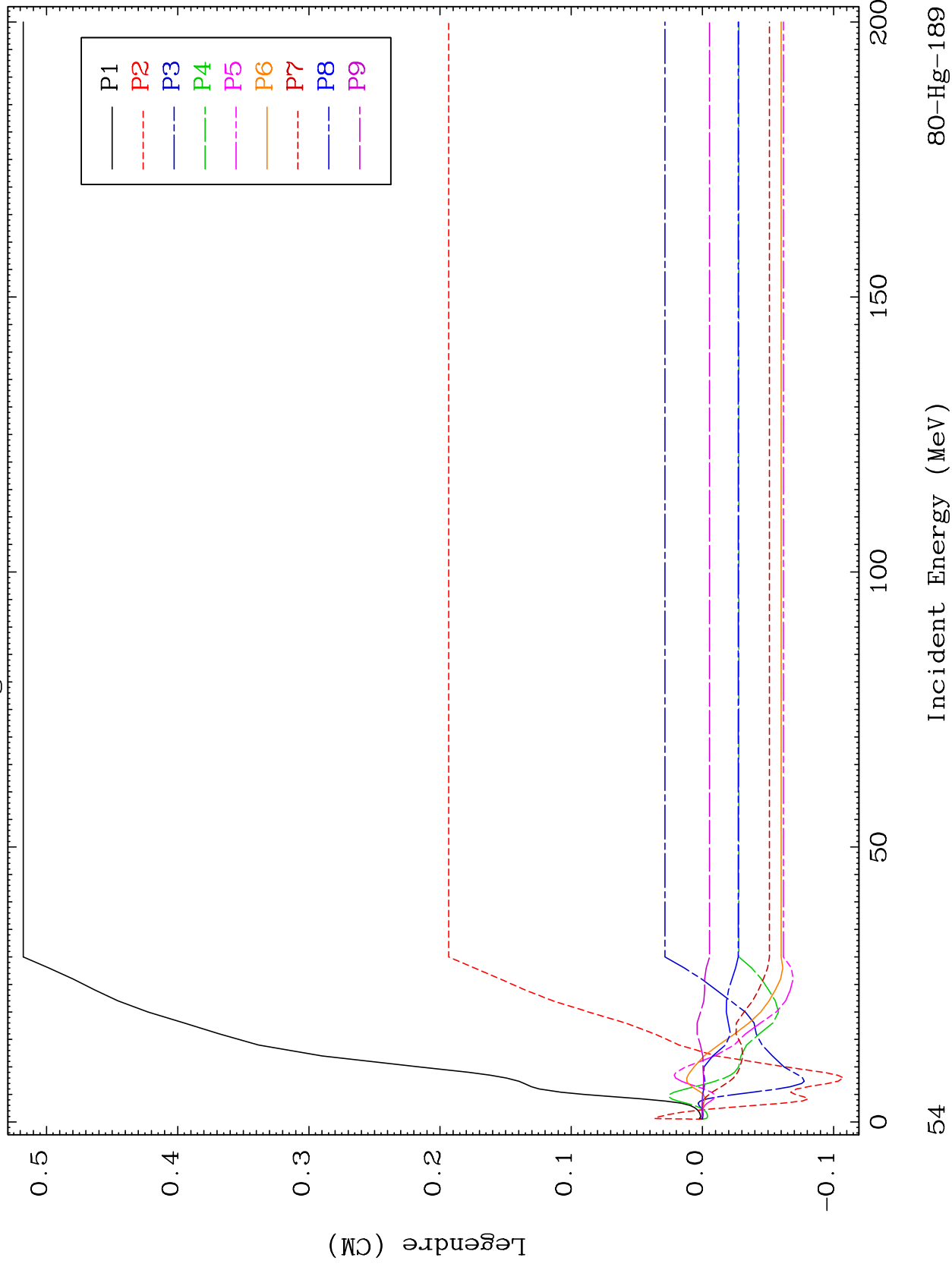


53

MAT 8004

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

80-Hg-189



80-Hg-189

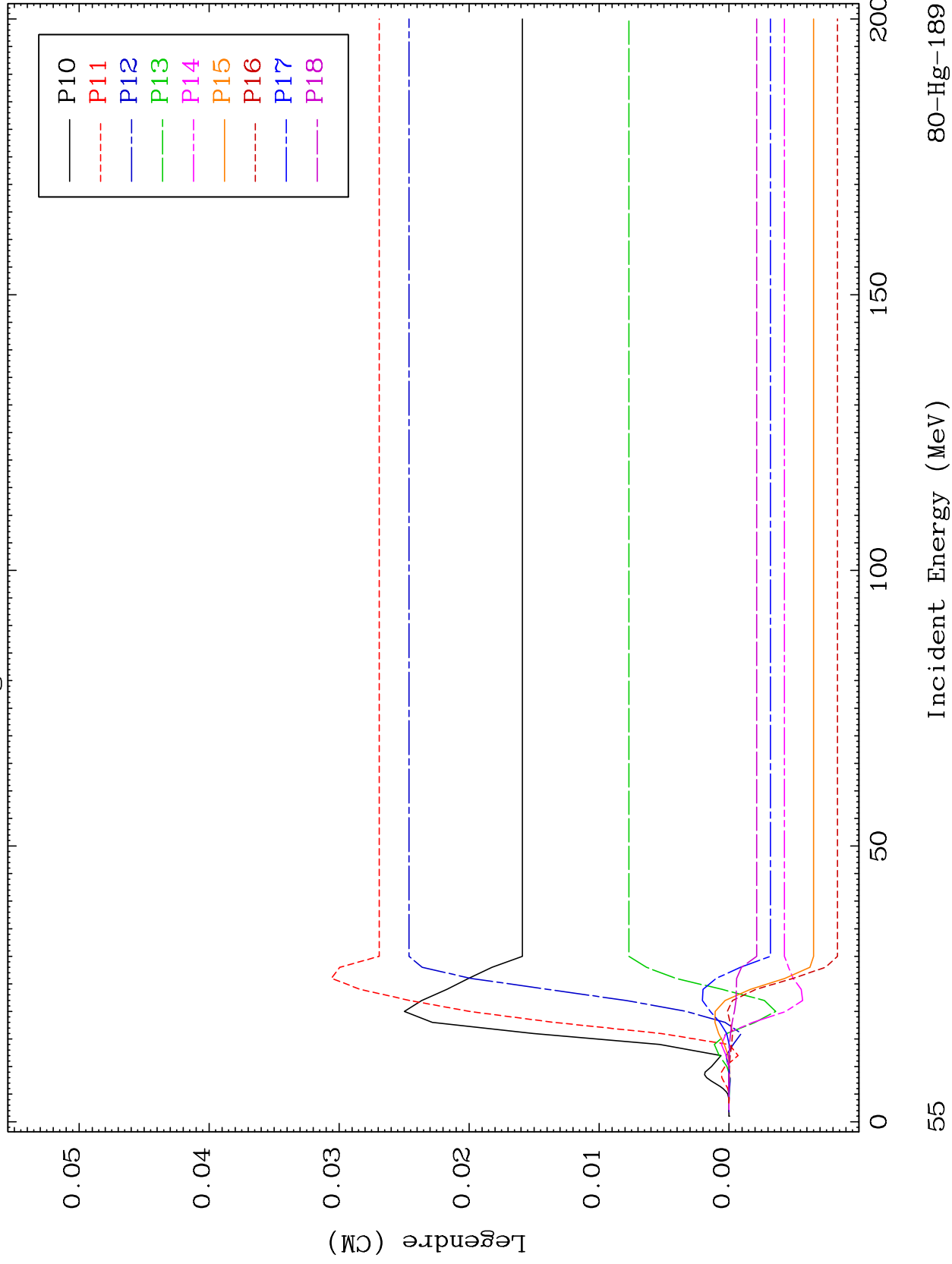
Incident Energy (MeV)

54

MAT 8004

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

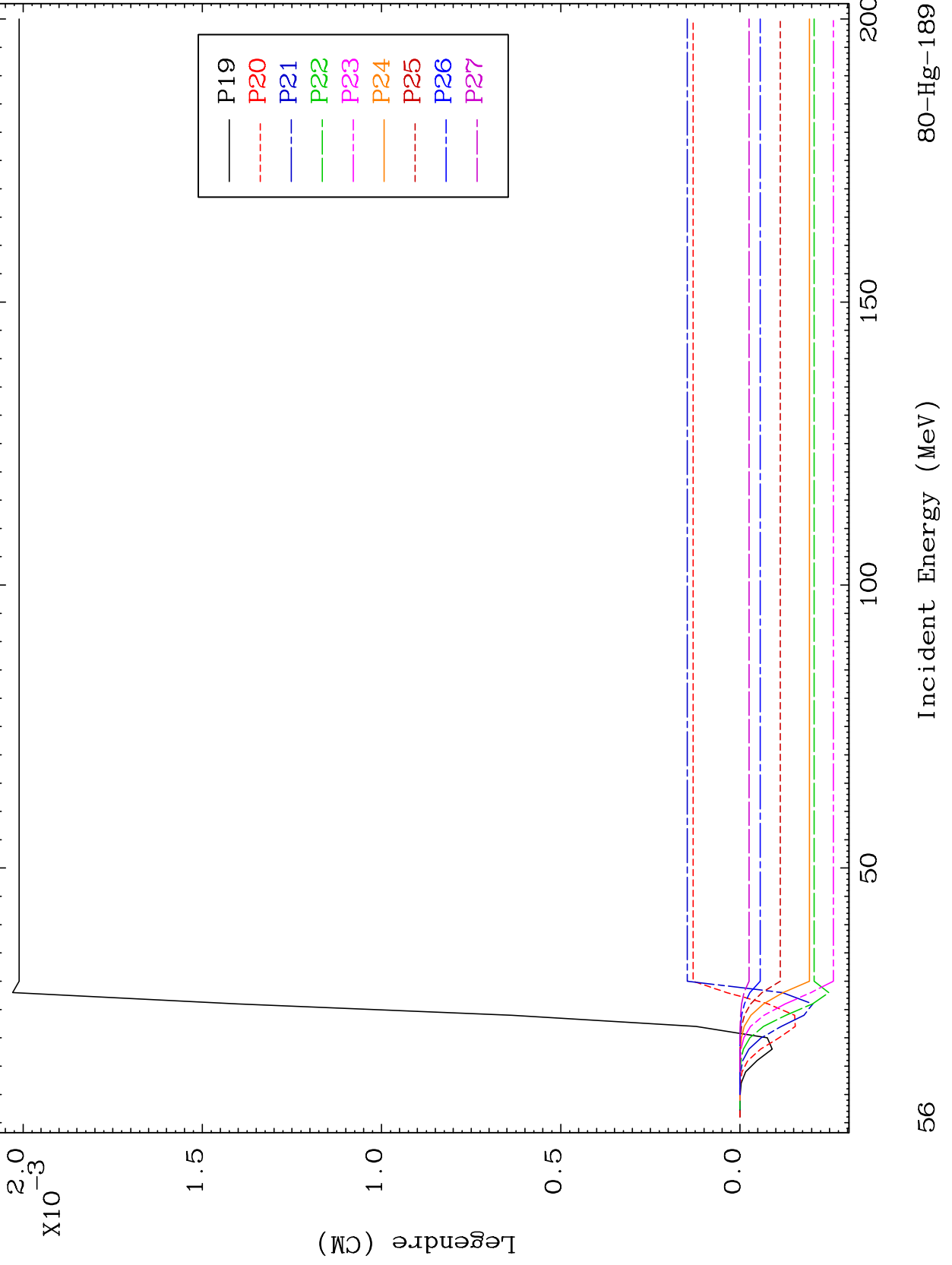
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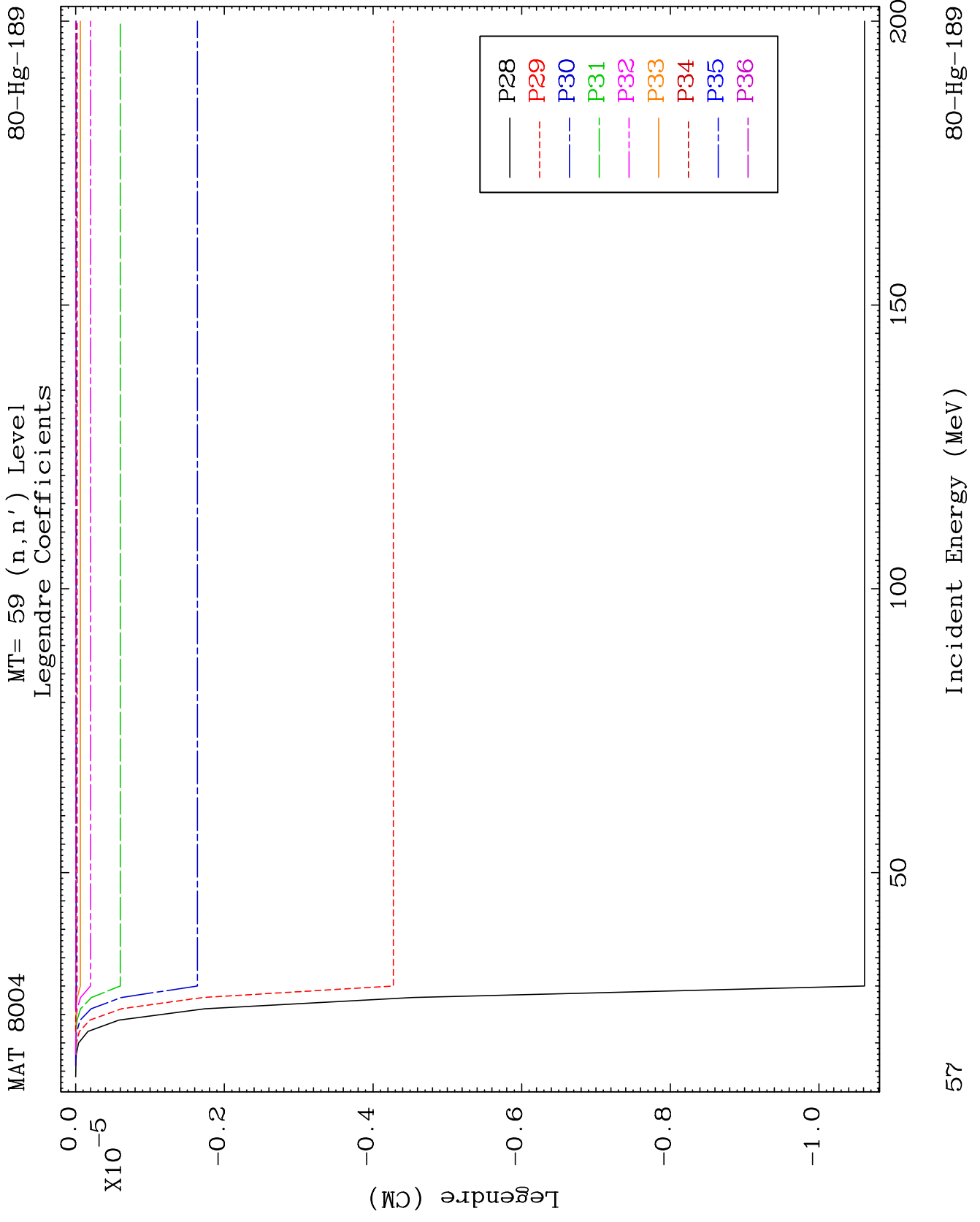
MAT 8004

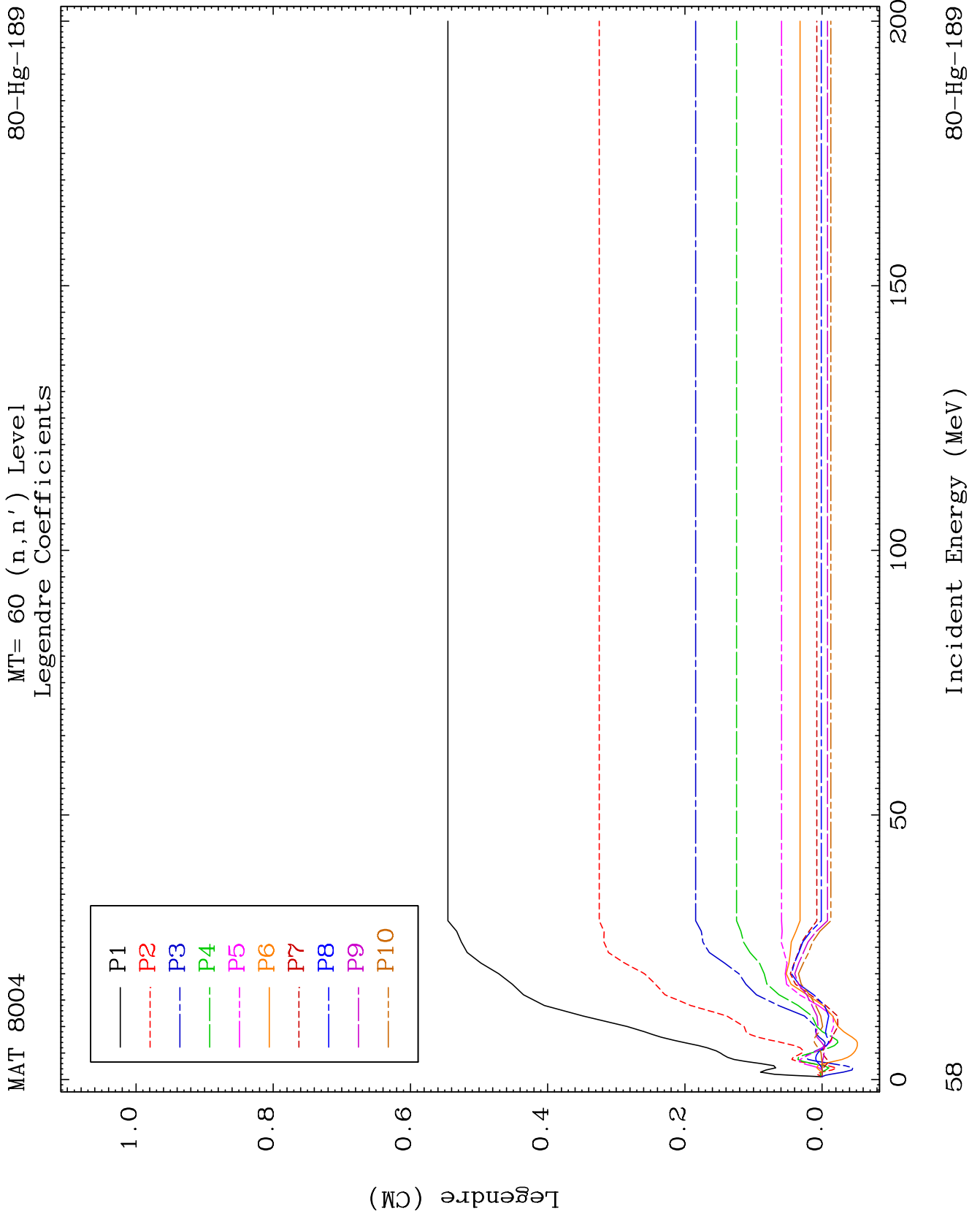
MT= 59 (n,n') Level
Legendre Coefficients

80-Hg-189



56

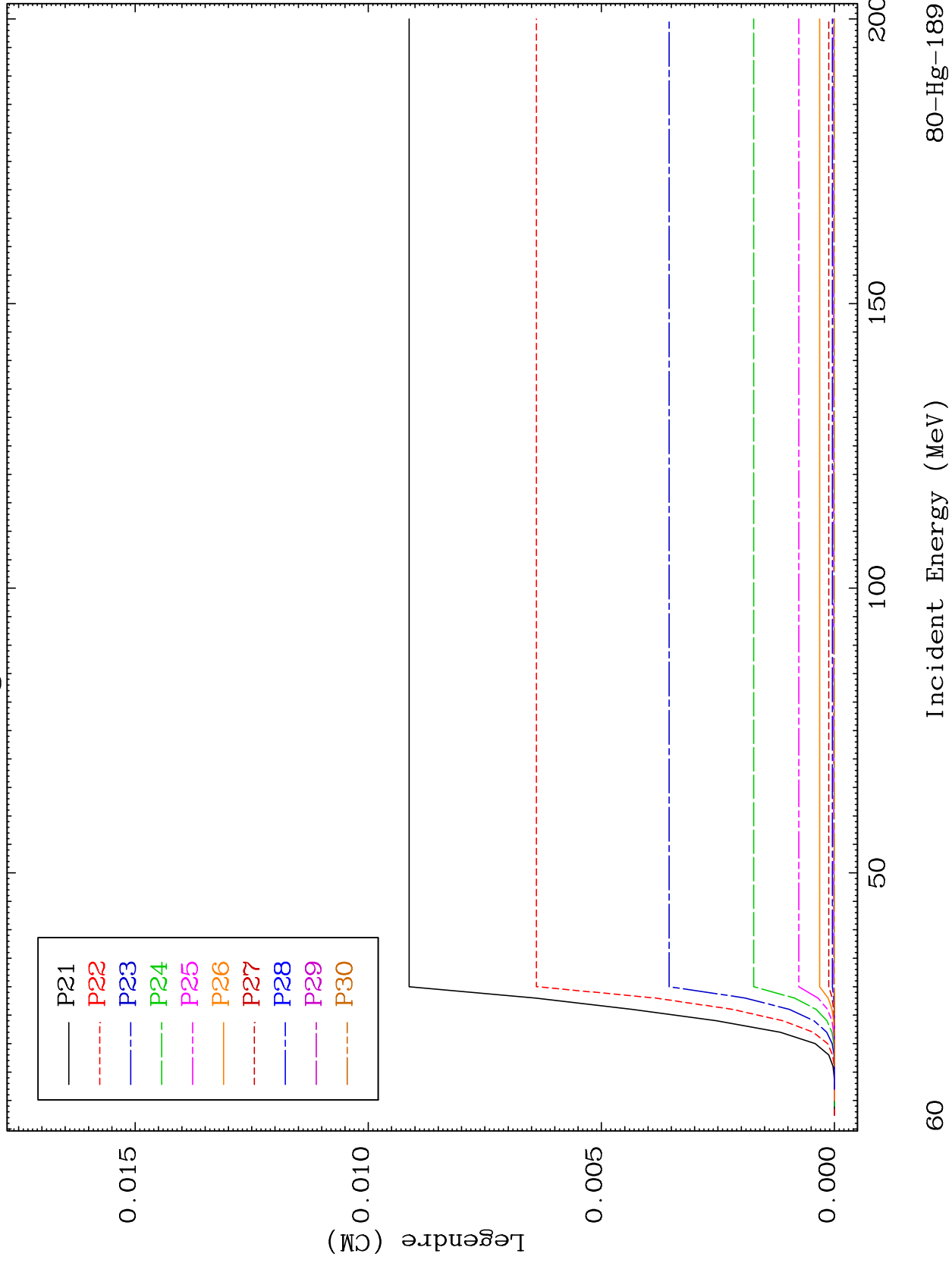




MAT 8004

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

80-Hg-189



60

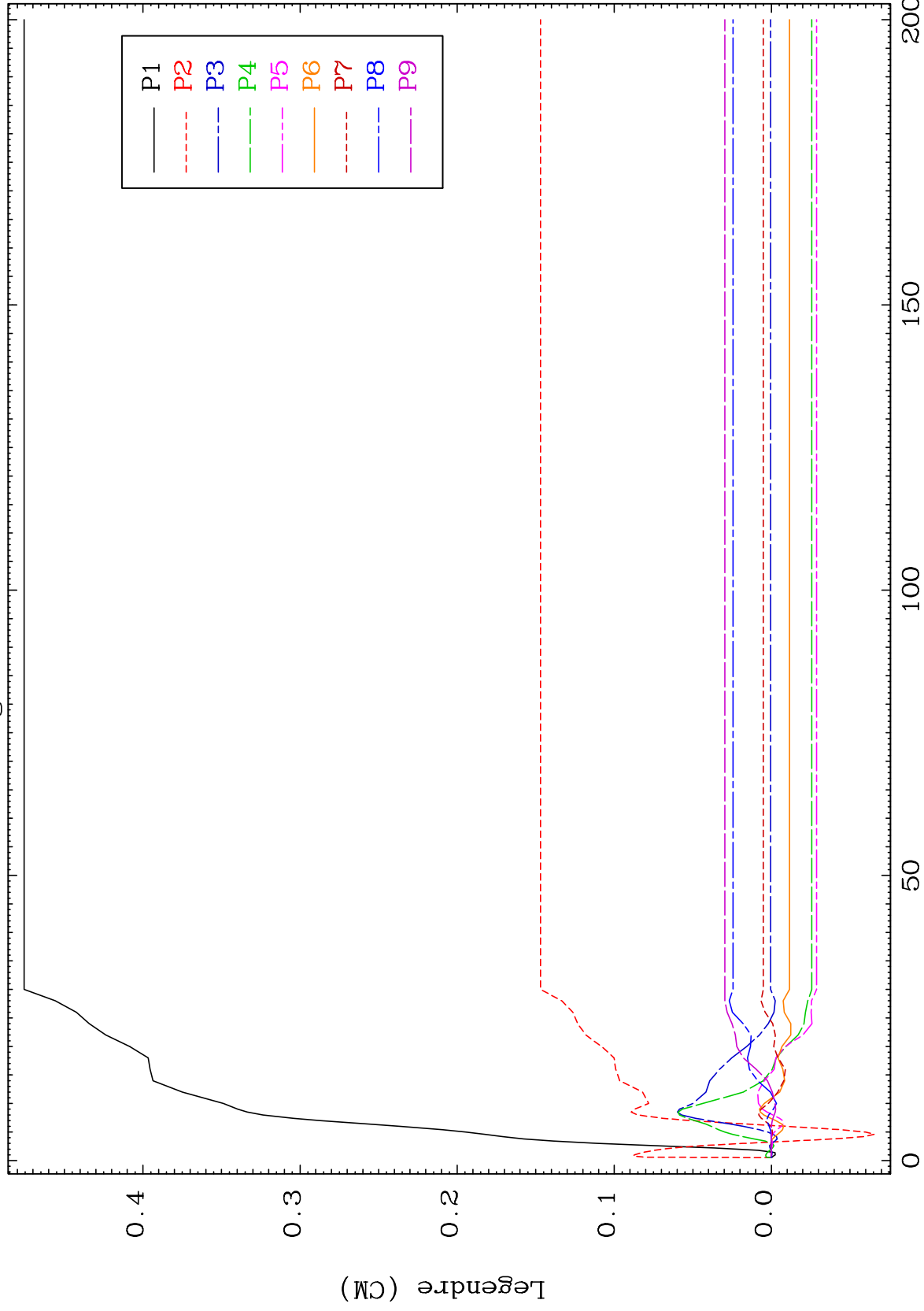
Incident Energy (MeV)

80-Hg-189

MAT 8004

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

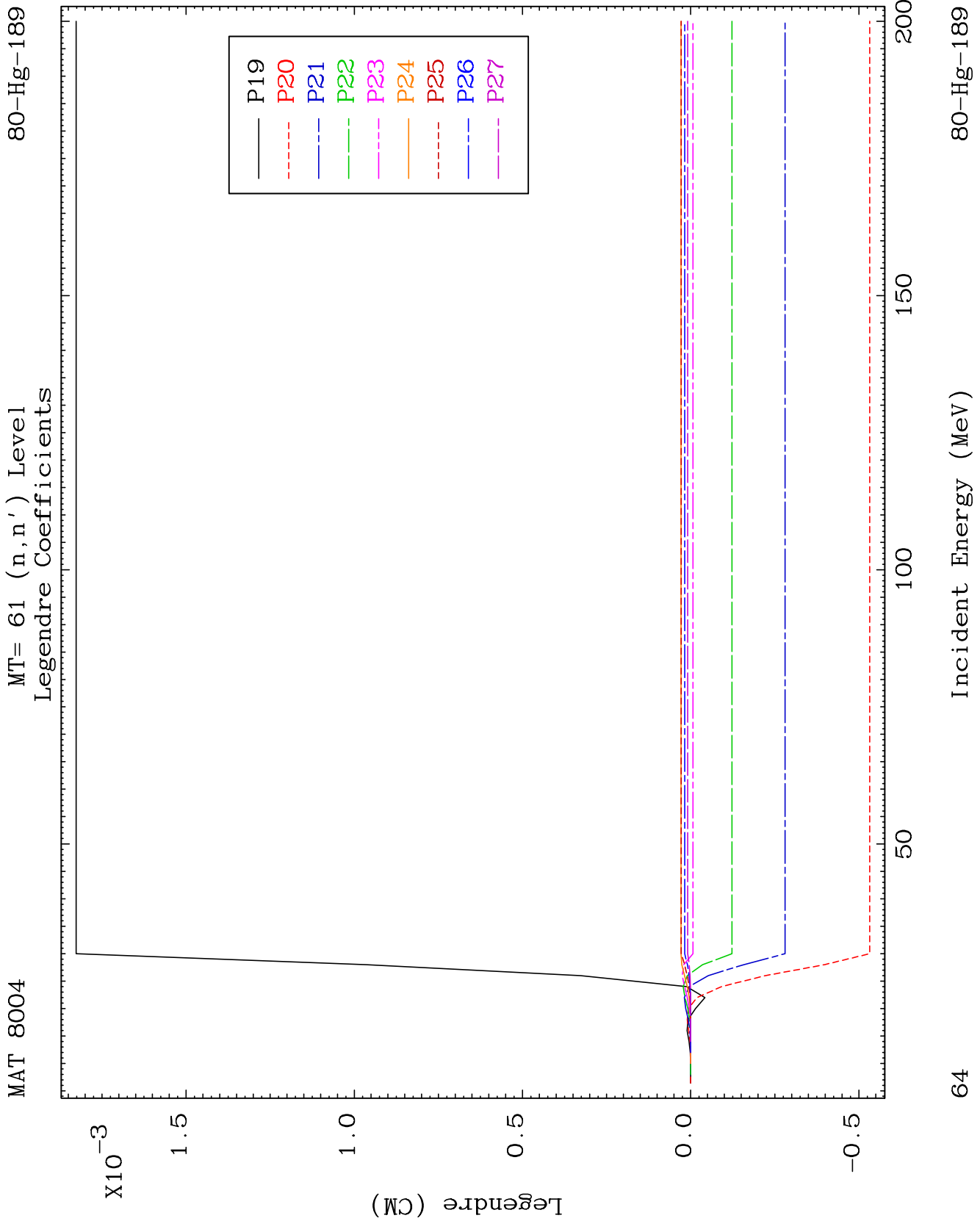
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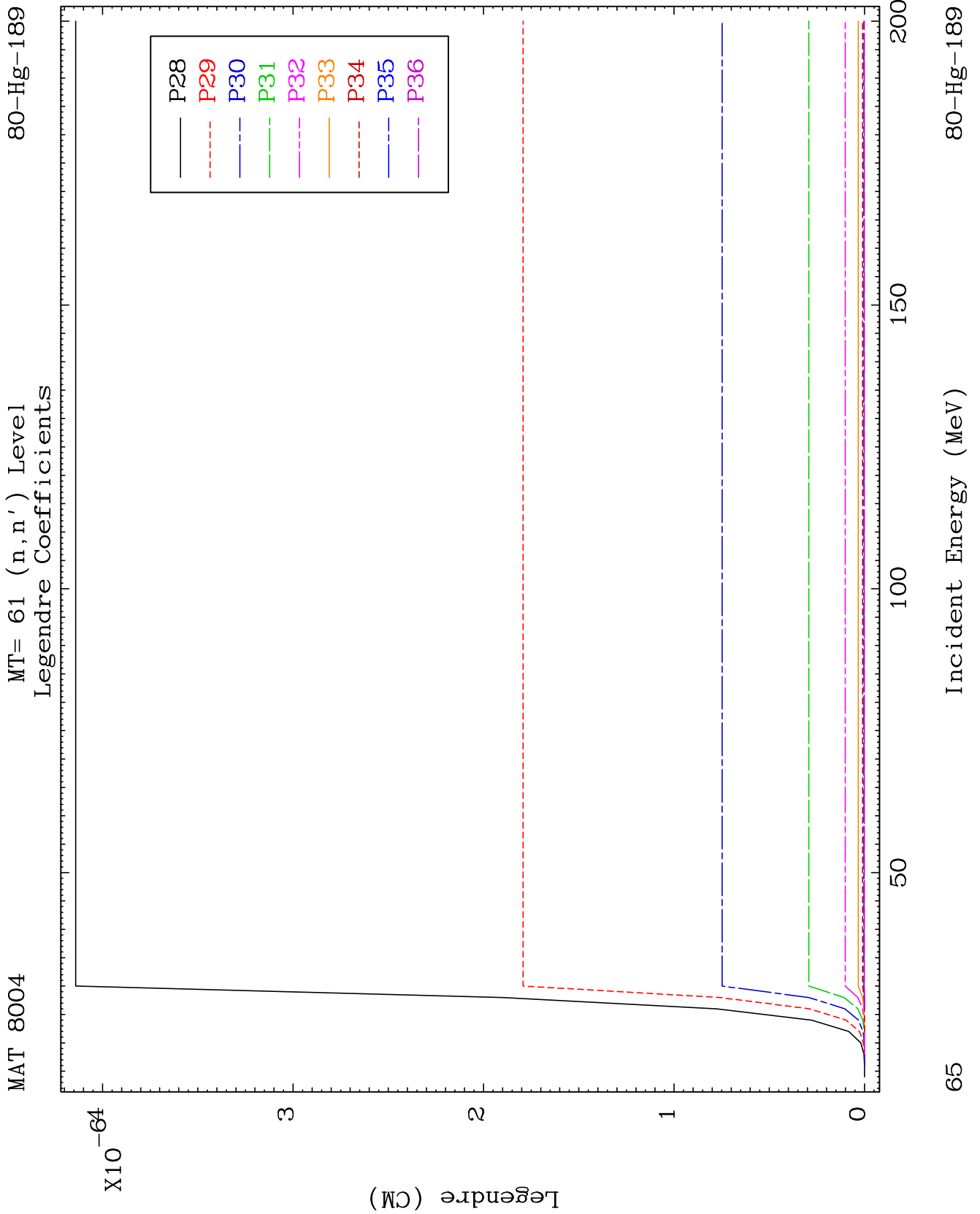


80-Hg-189

Incident Energy (MeV)

62

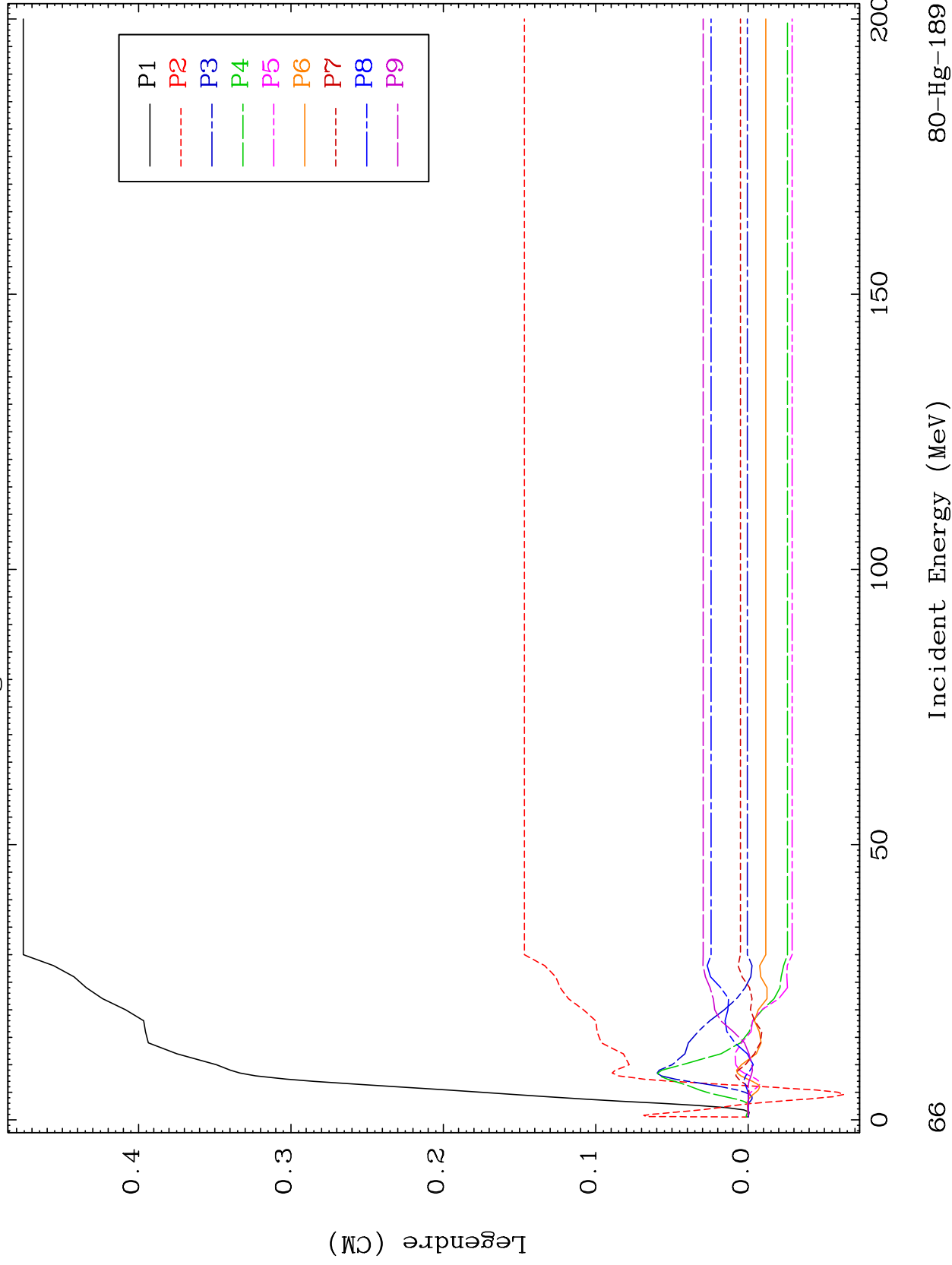




MAT 8004

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

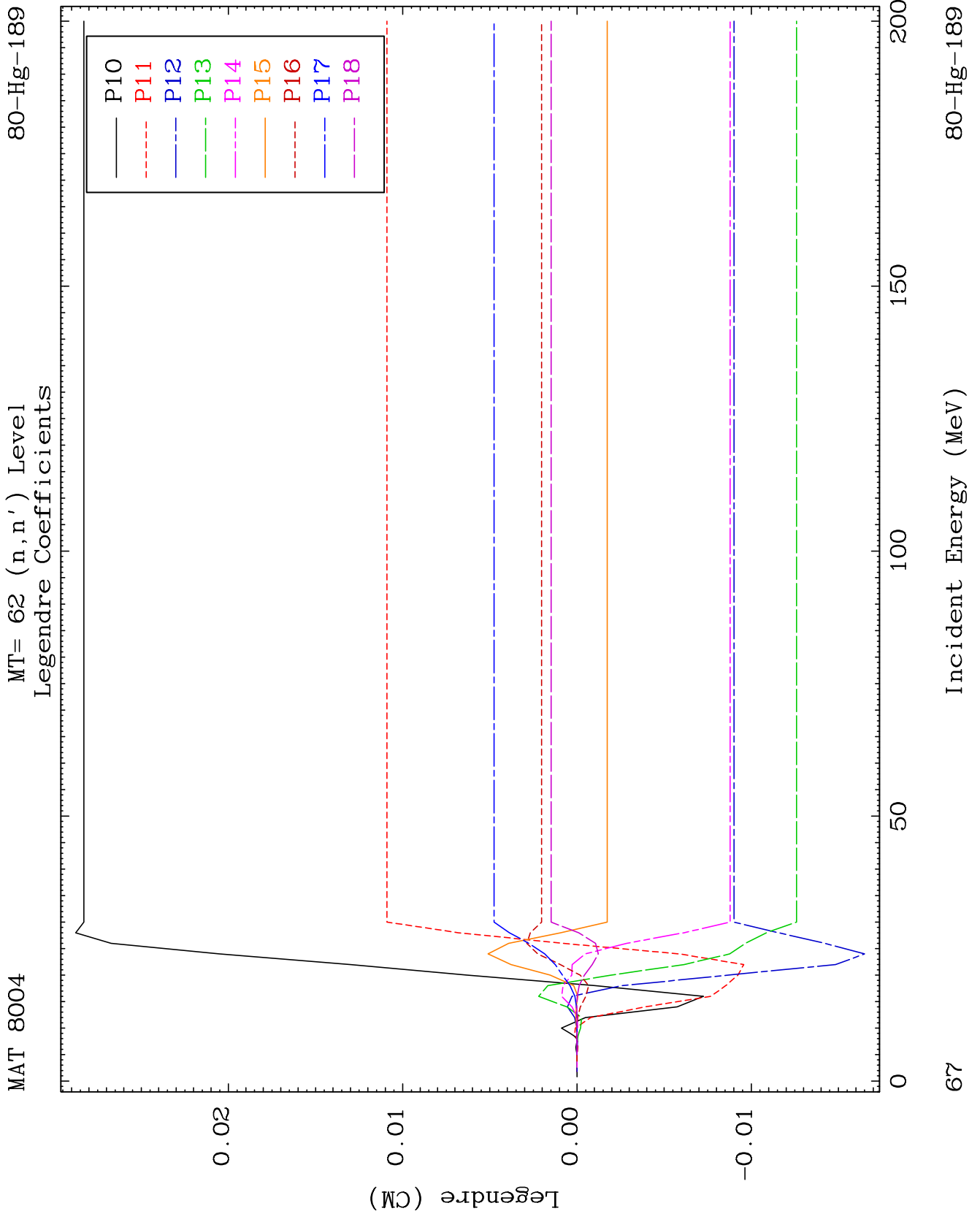
80-Hg-189



66

Incident Energy (MeV)

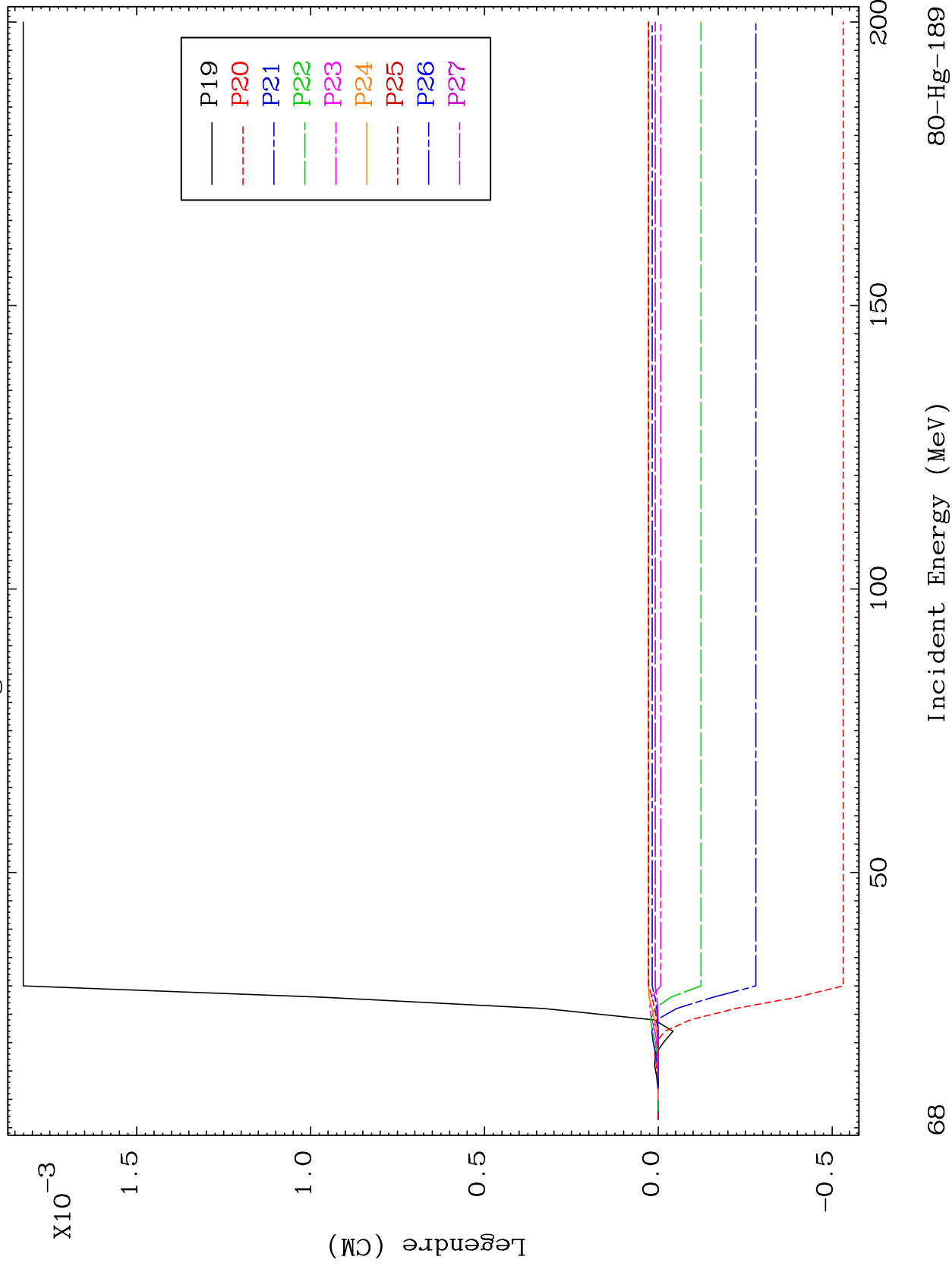
80-Hg-189



MAT 8004

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

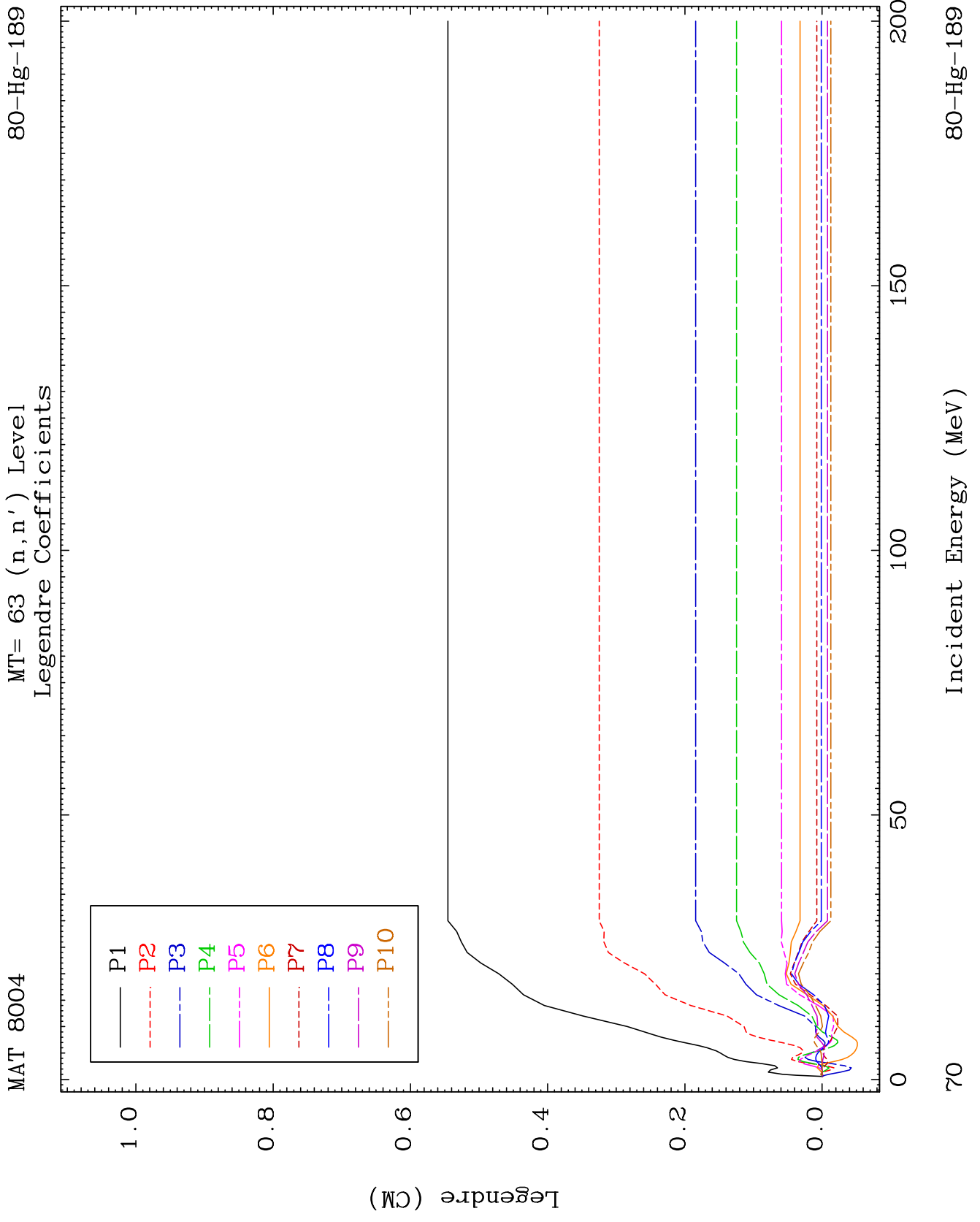
80-Hg-189



68

Incident Energy (MeV)

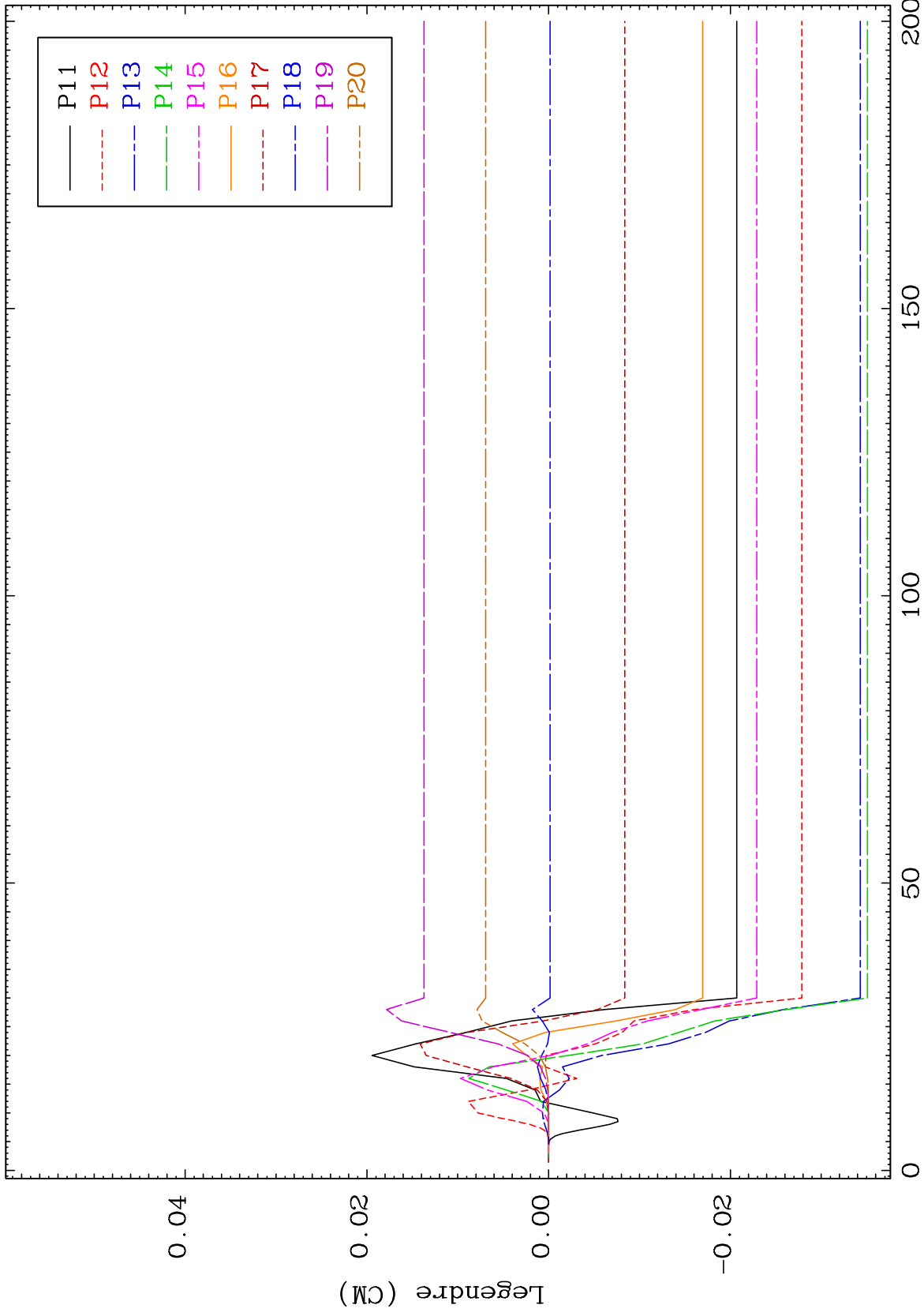
80-Hg-189



MAT 8004

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

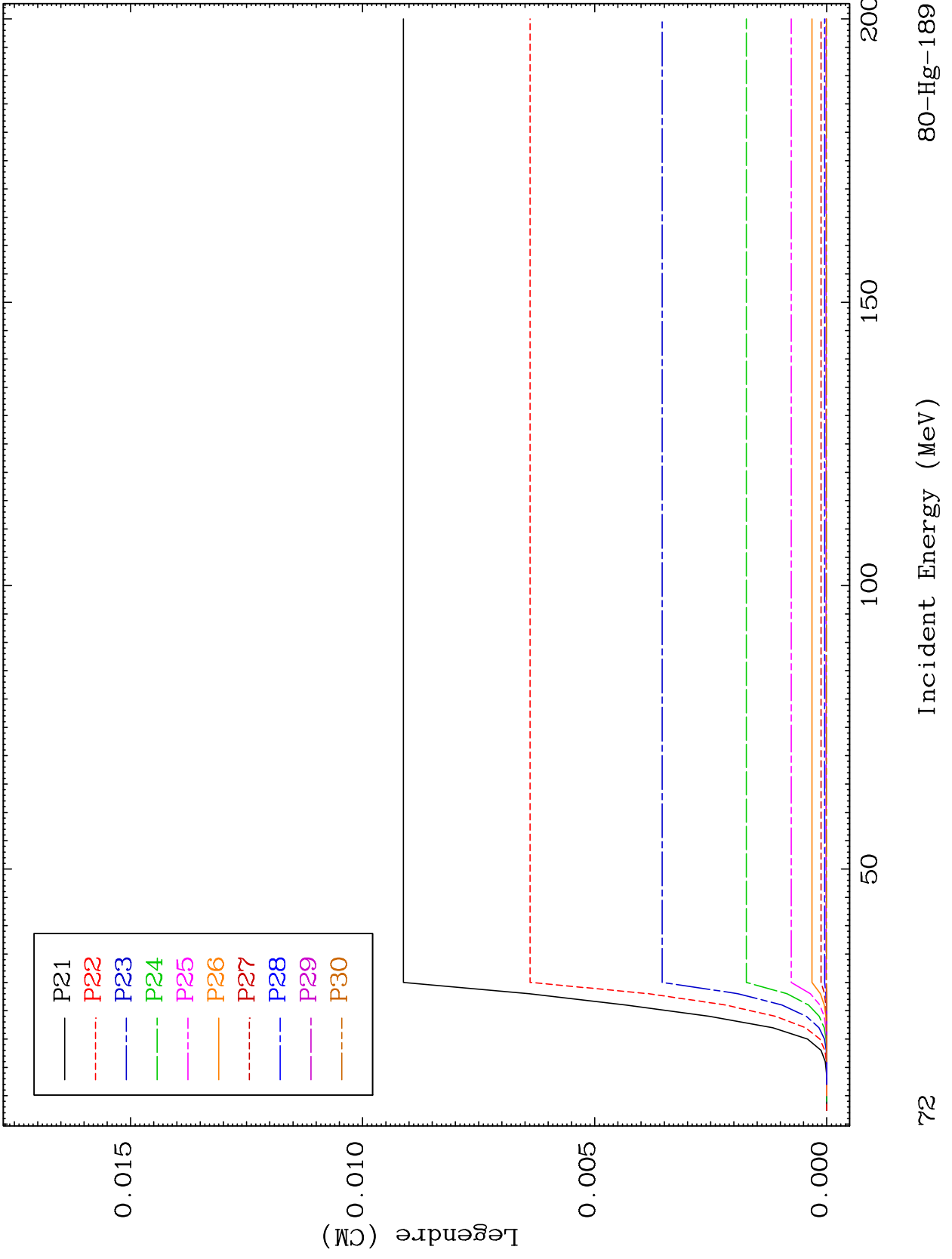
80-Hg-189



MAT 8004

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

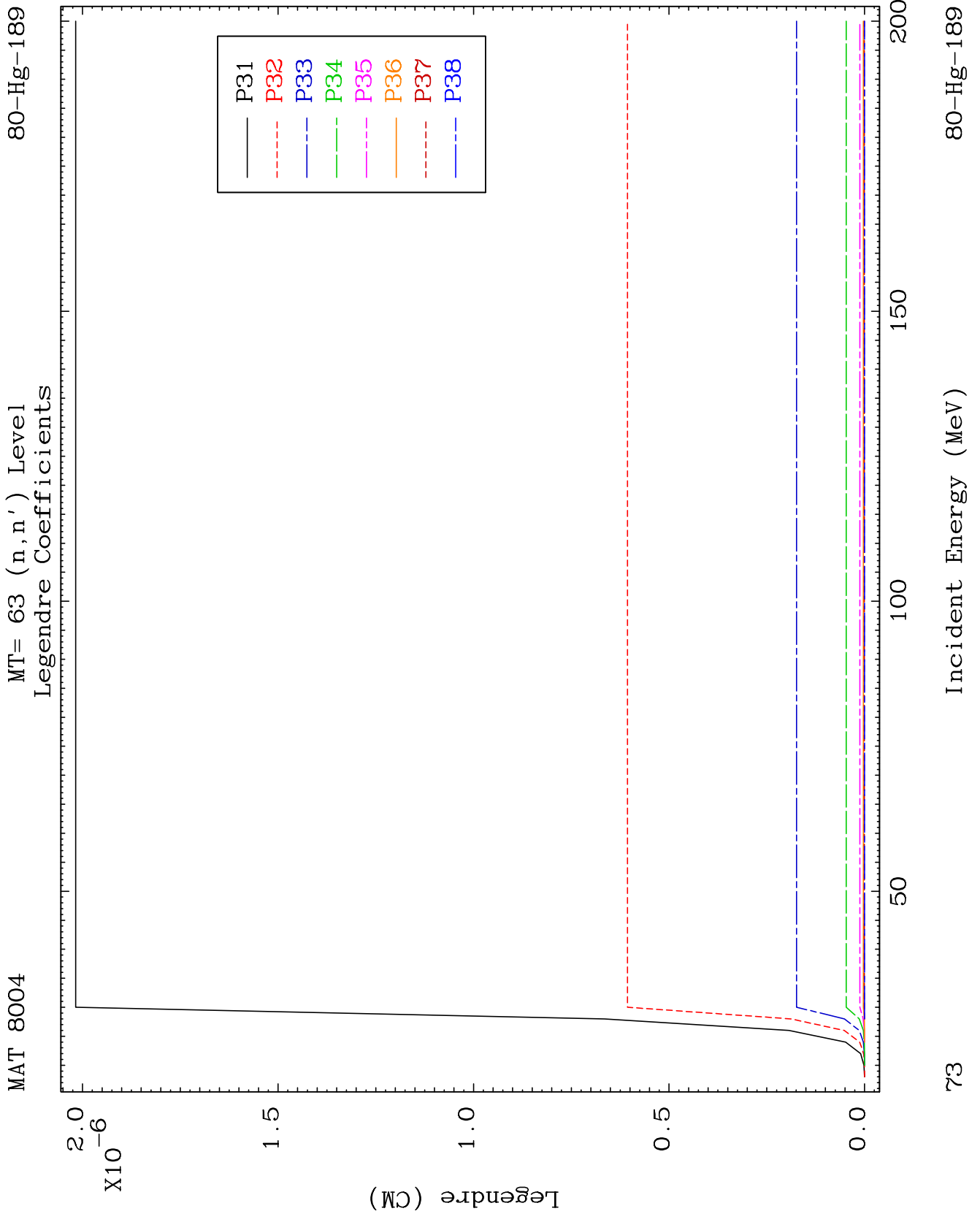
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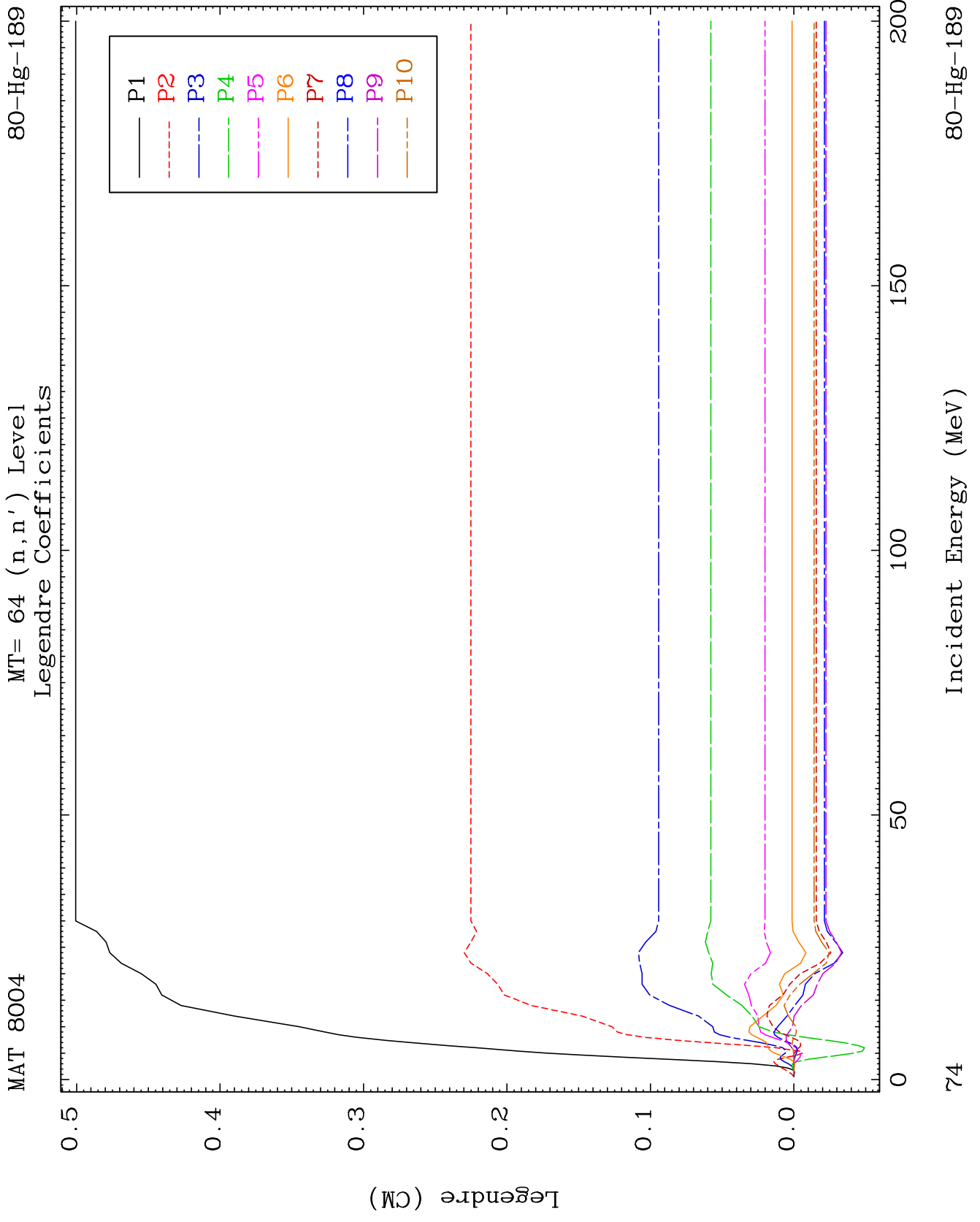


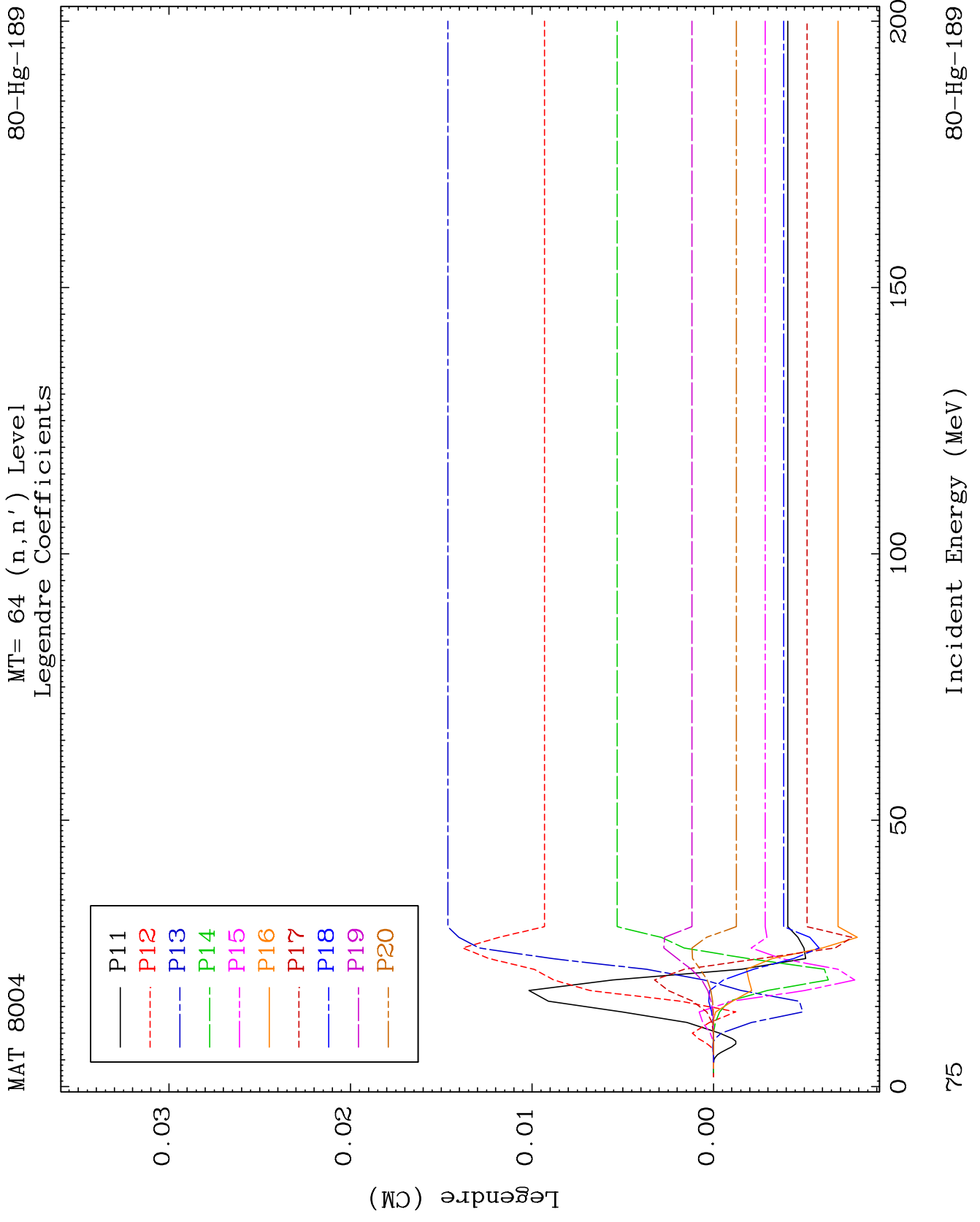
72

Incident Energy (MeV)

80-Hg-189



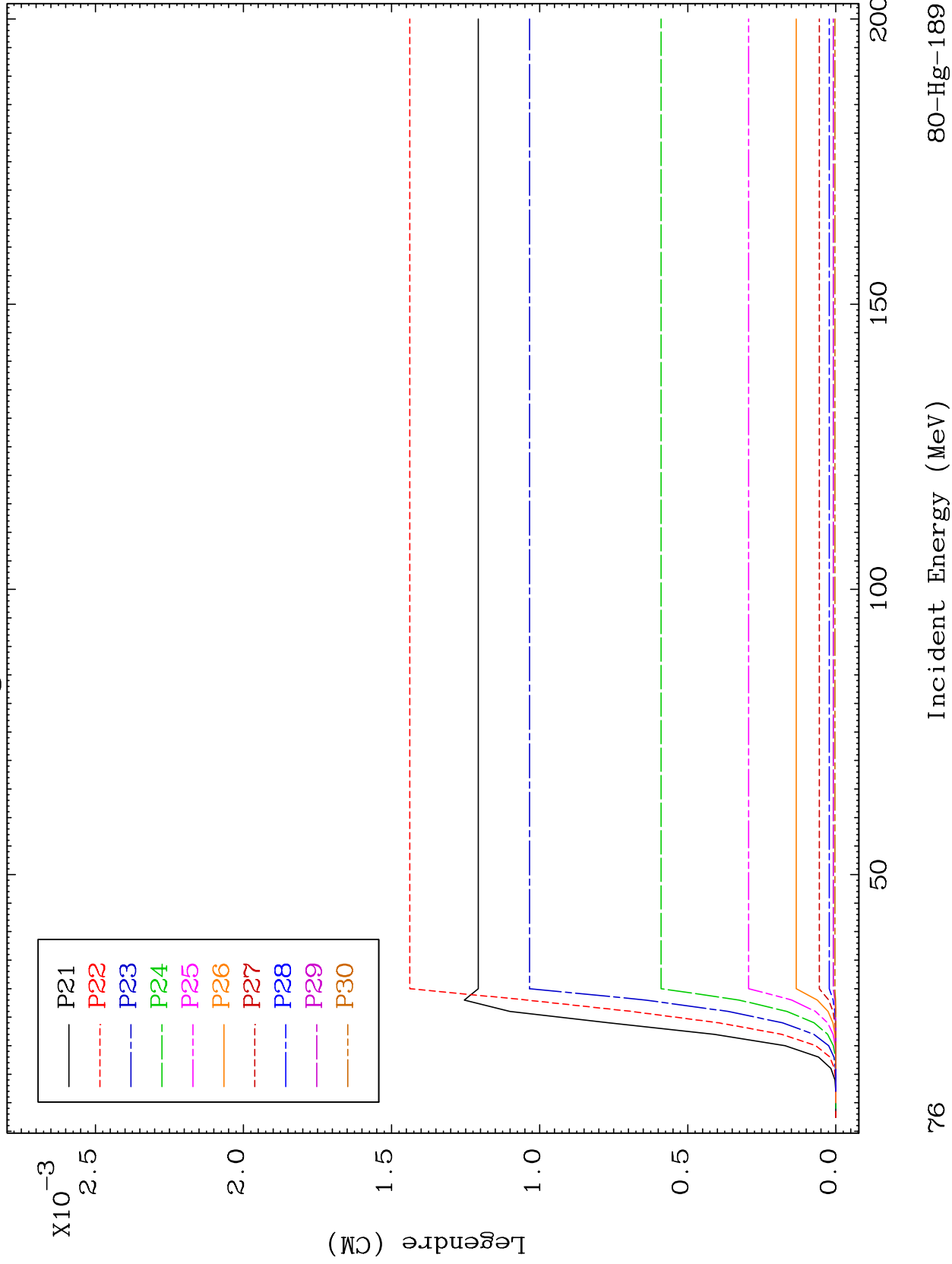




MAT 8004

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

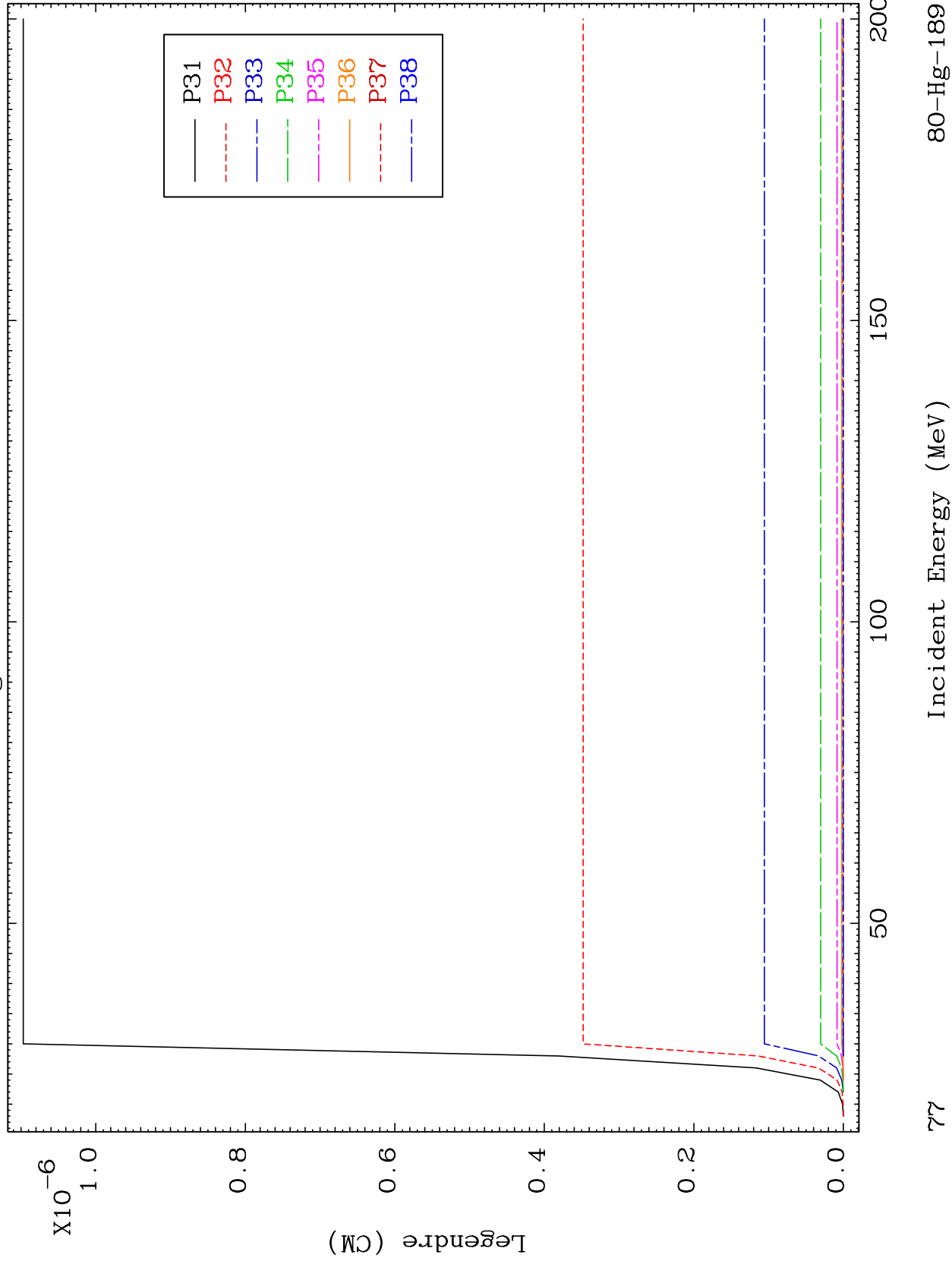
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MAT 8004

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

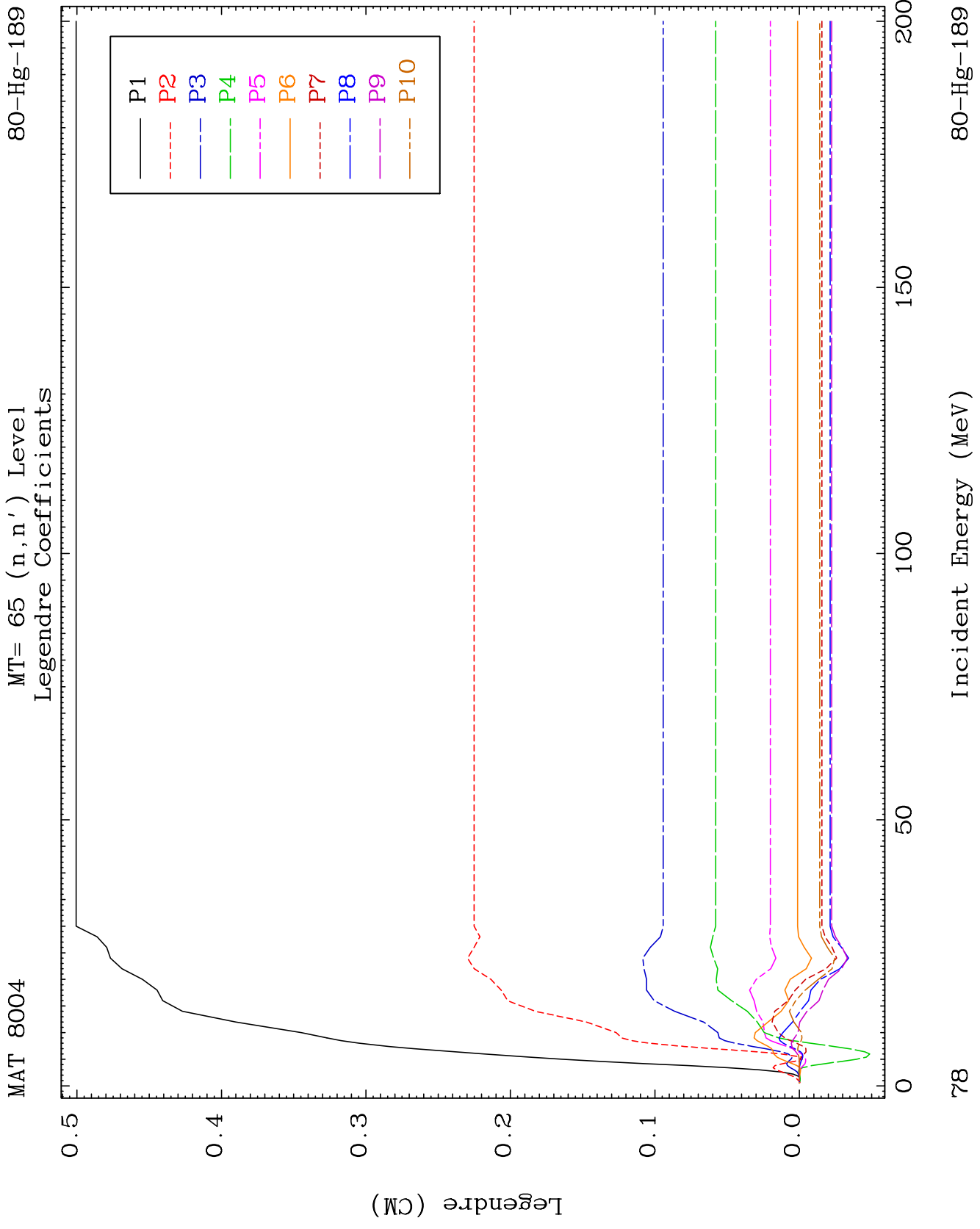
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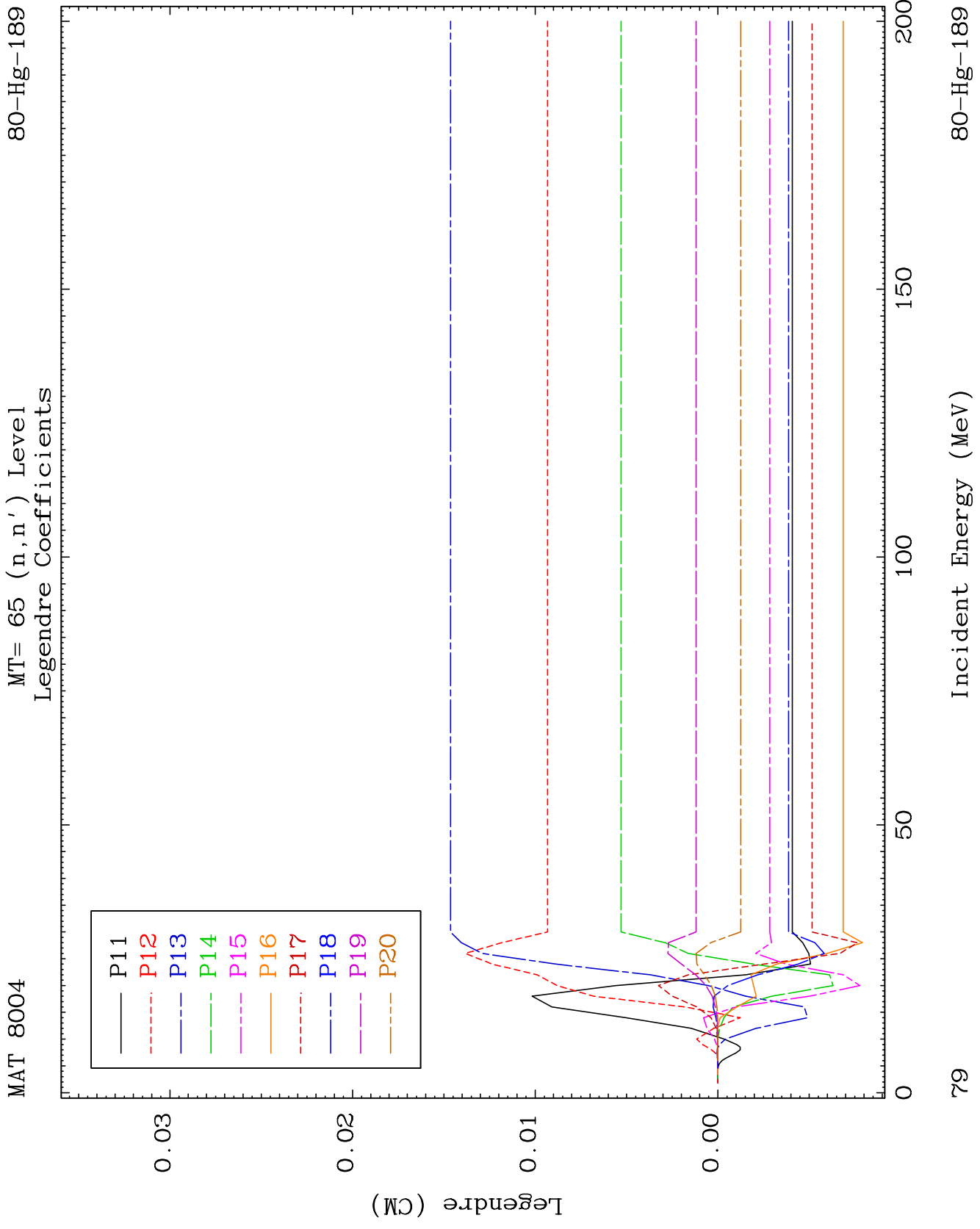


77

Incident Energy (MeV)

80-Hg-189

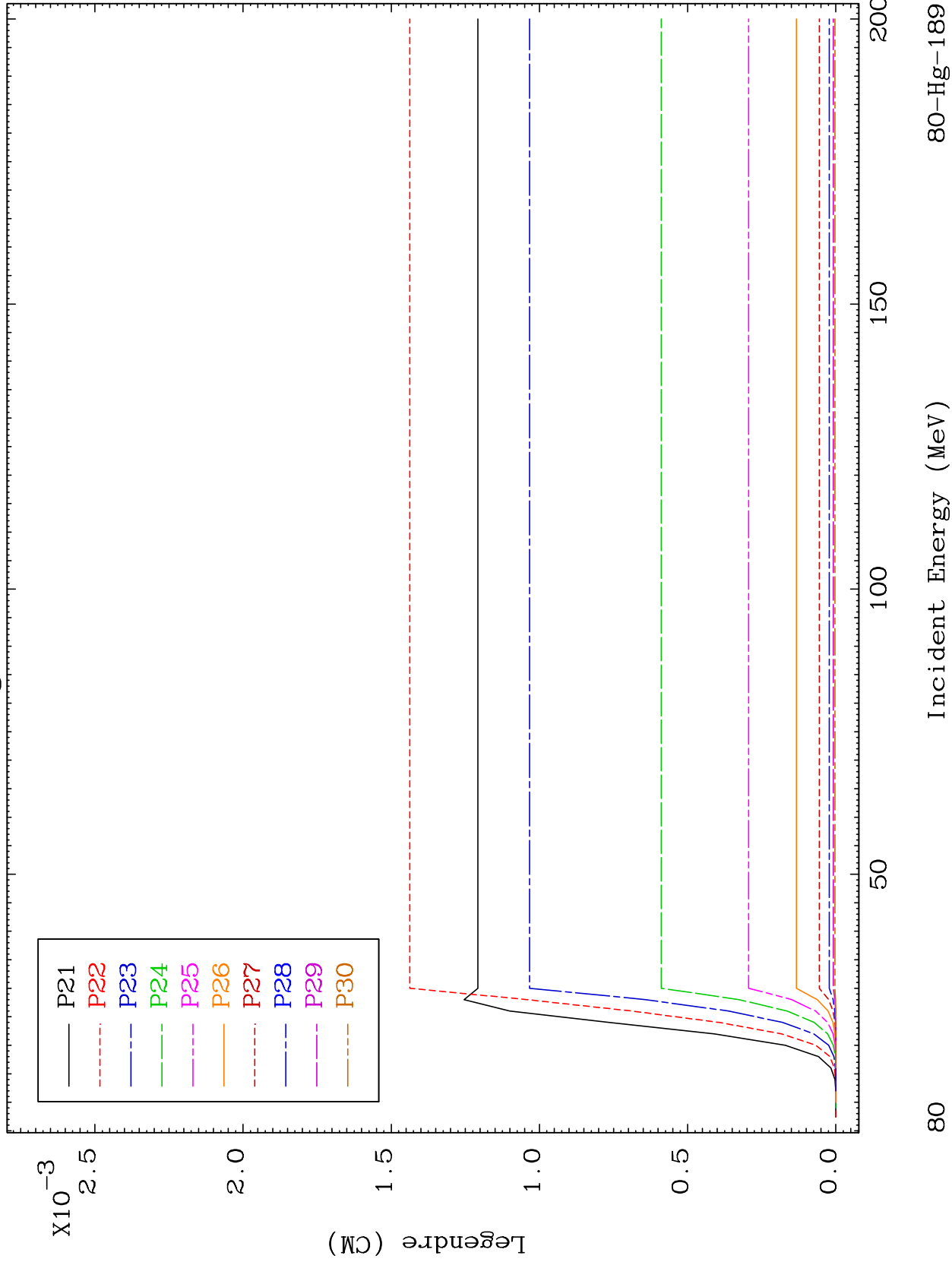




MAT 8004

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

80-Hg-189



80

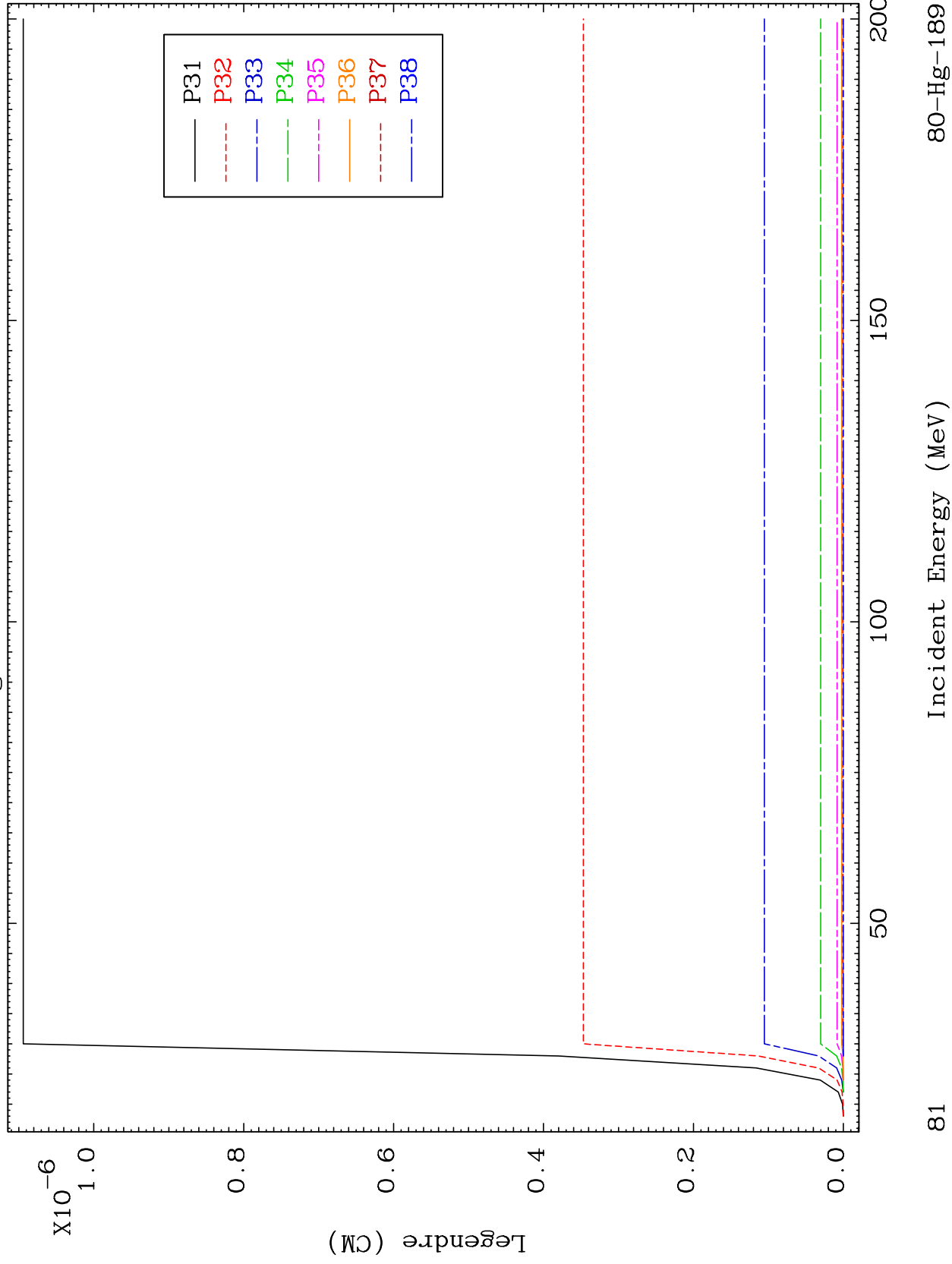
Incident Energy (MeV)

80-Hg-189

MAT 8004

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

80-Hg-189



81

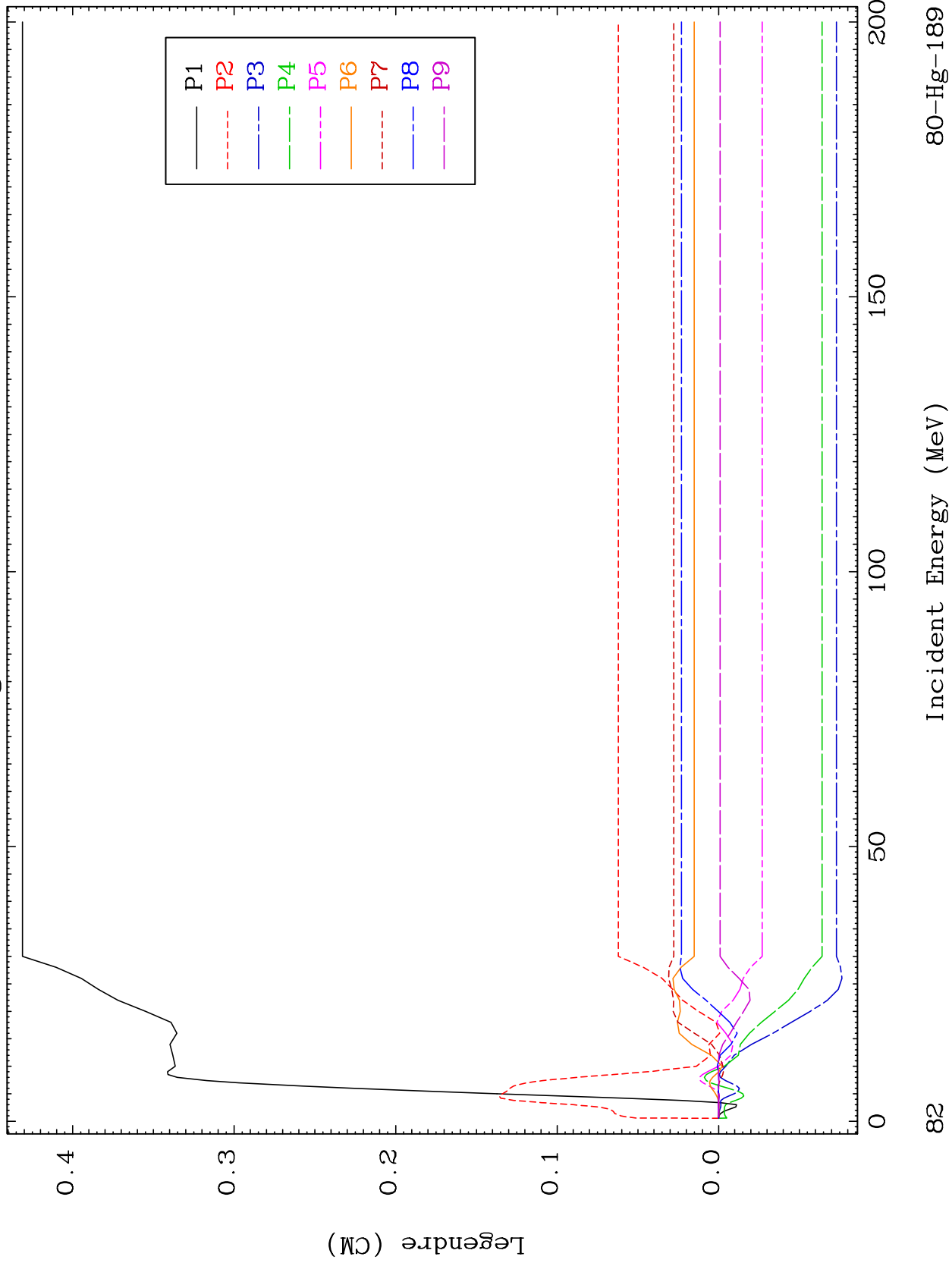
Incident Energy (MeV)

80-Hg-189

MAT 8004

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

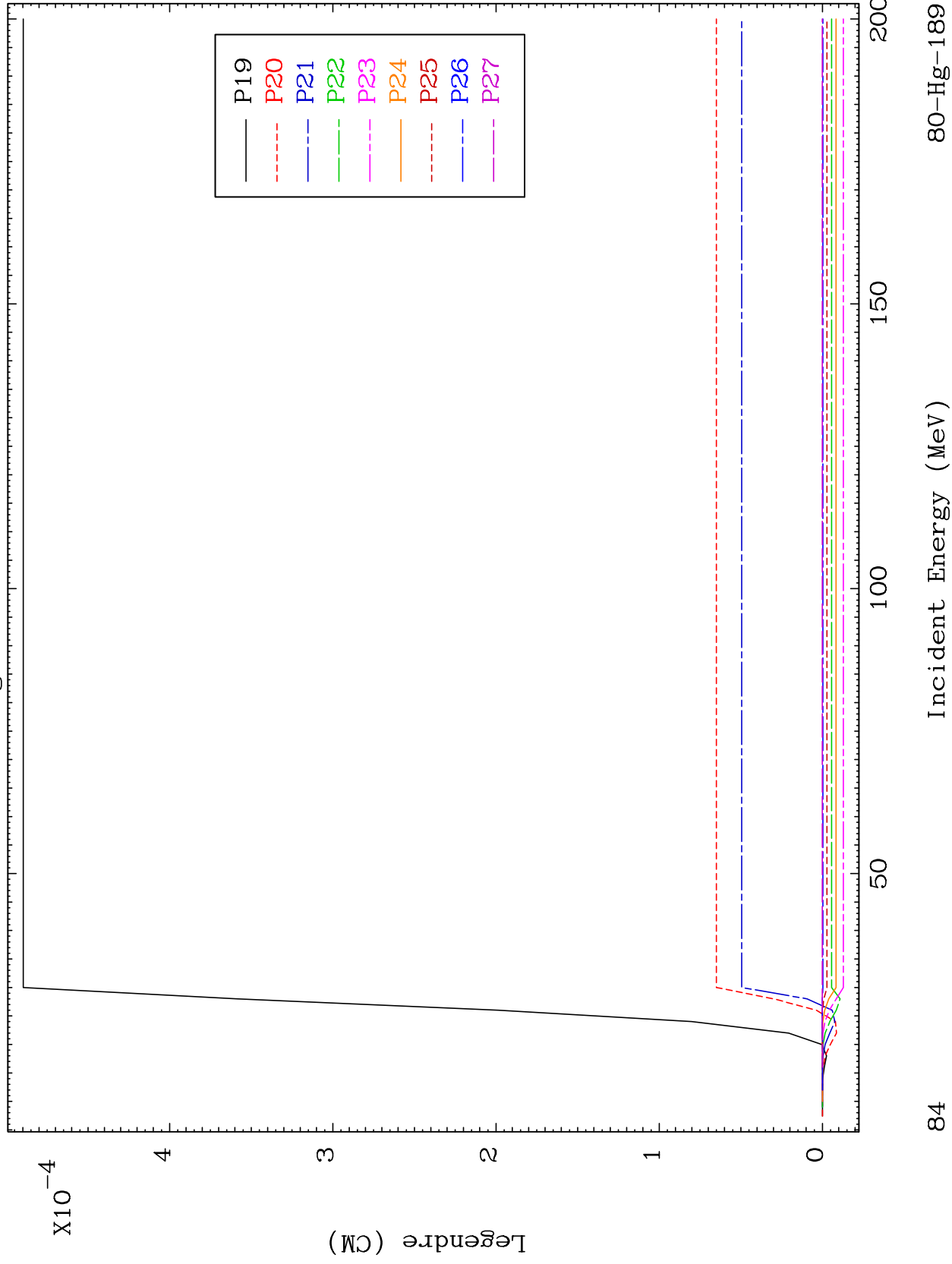
80-Hg-189



MAT 8004

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

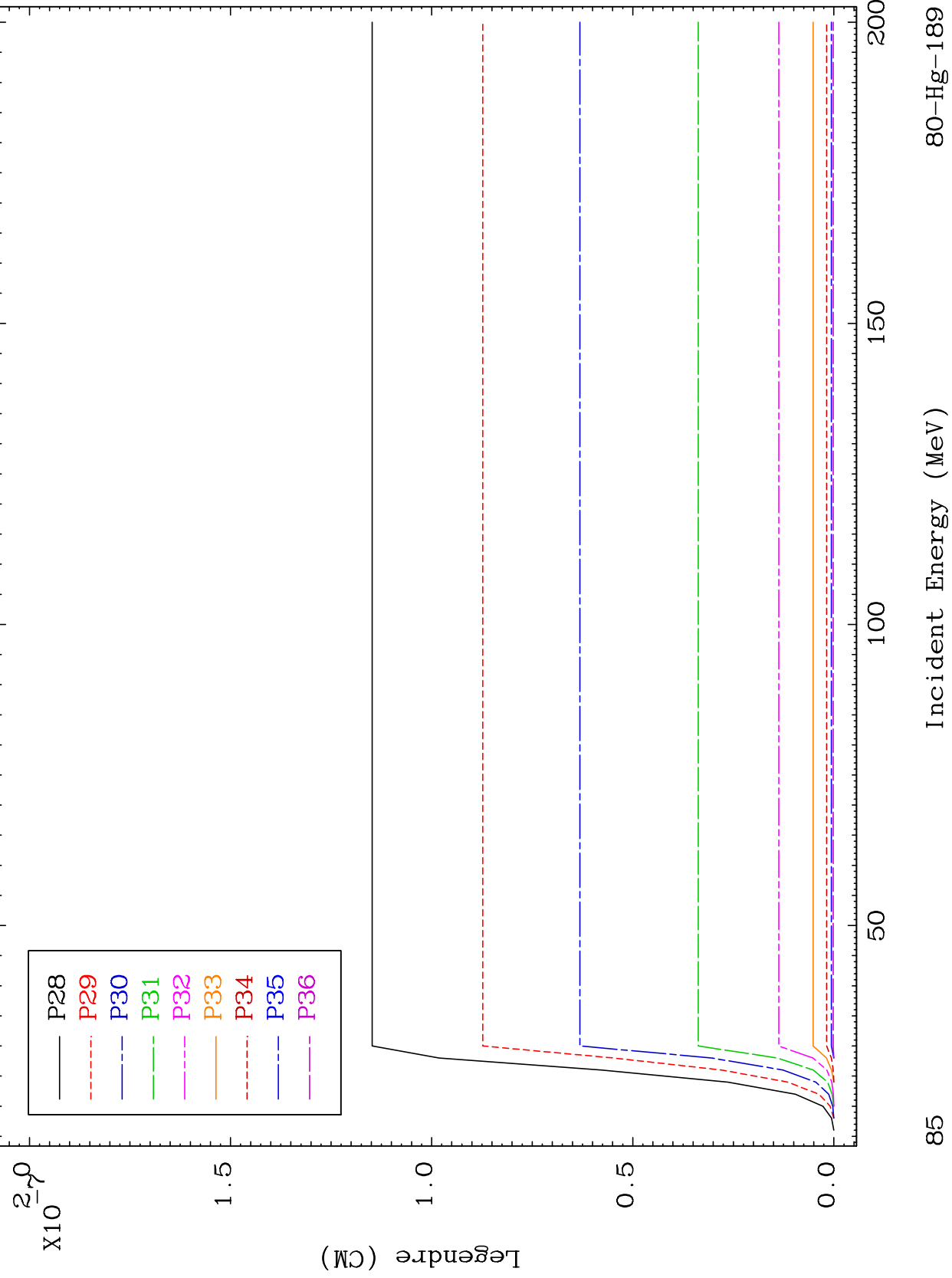
80-Hg-189



MAT 8004

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

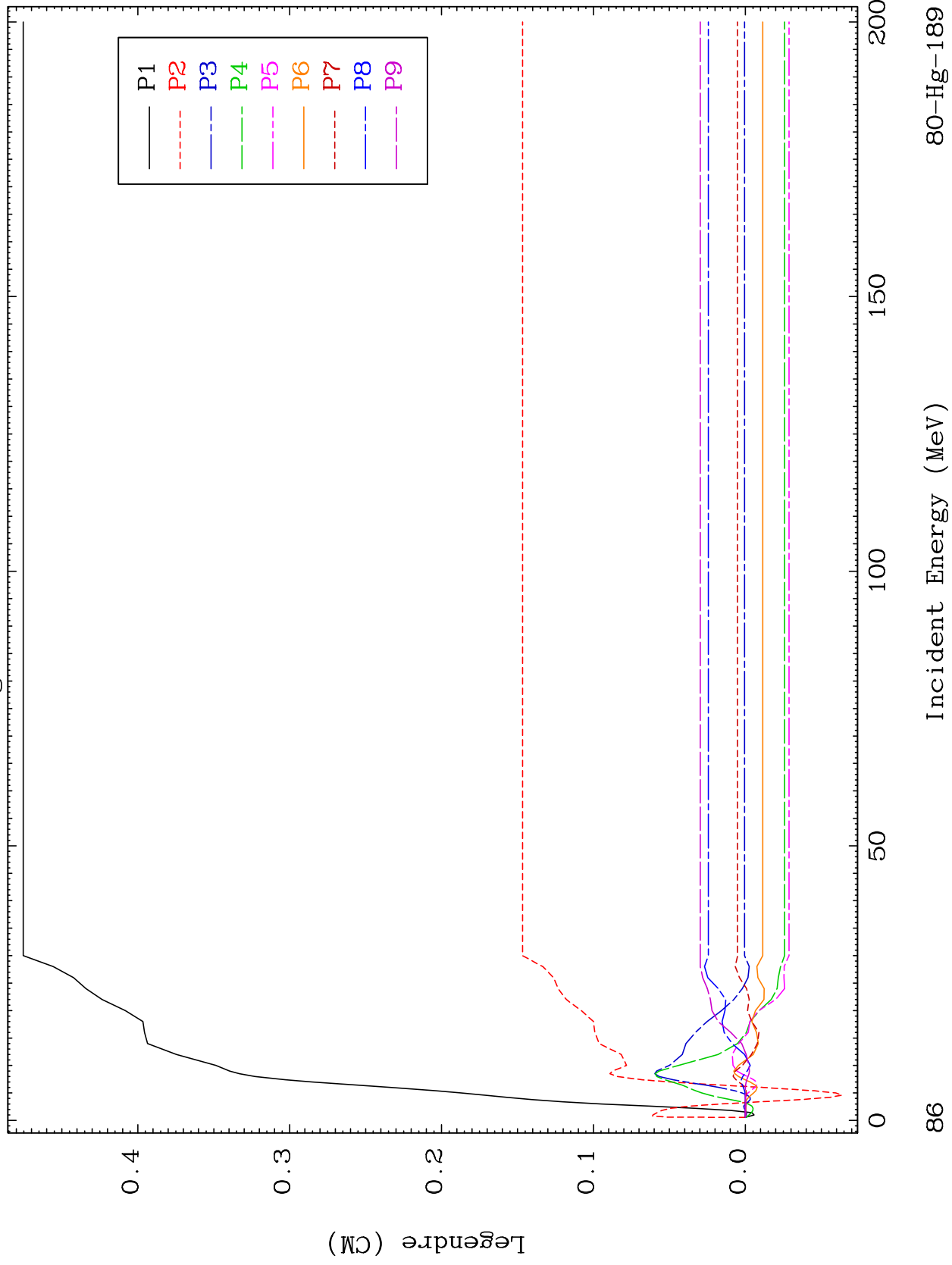
80-Hg-189



MAT 8004

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

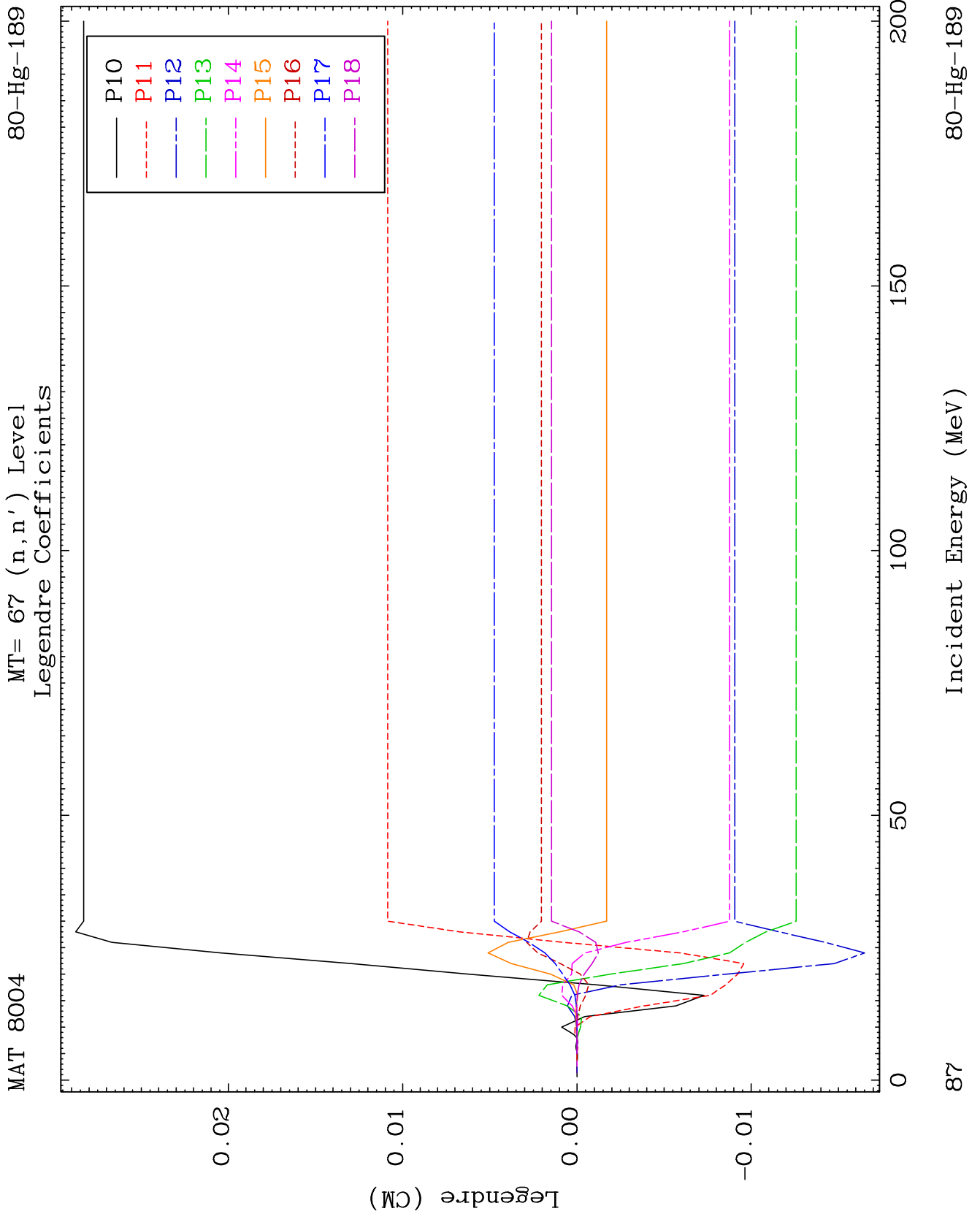
80-Hg-189



86

Incident Energy (MeV)

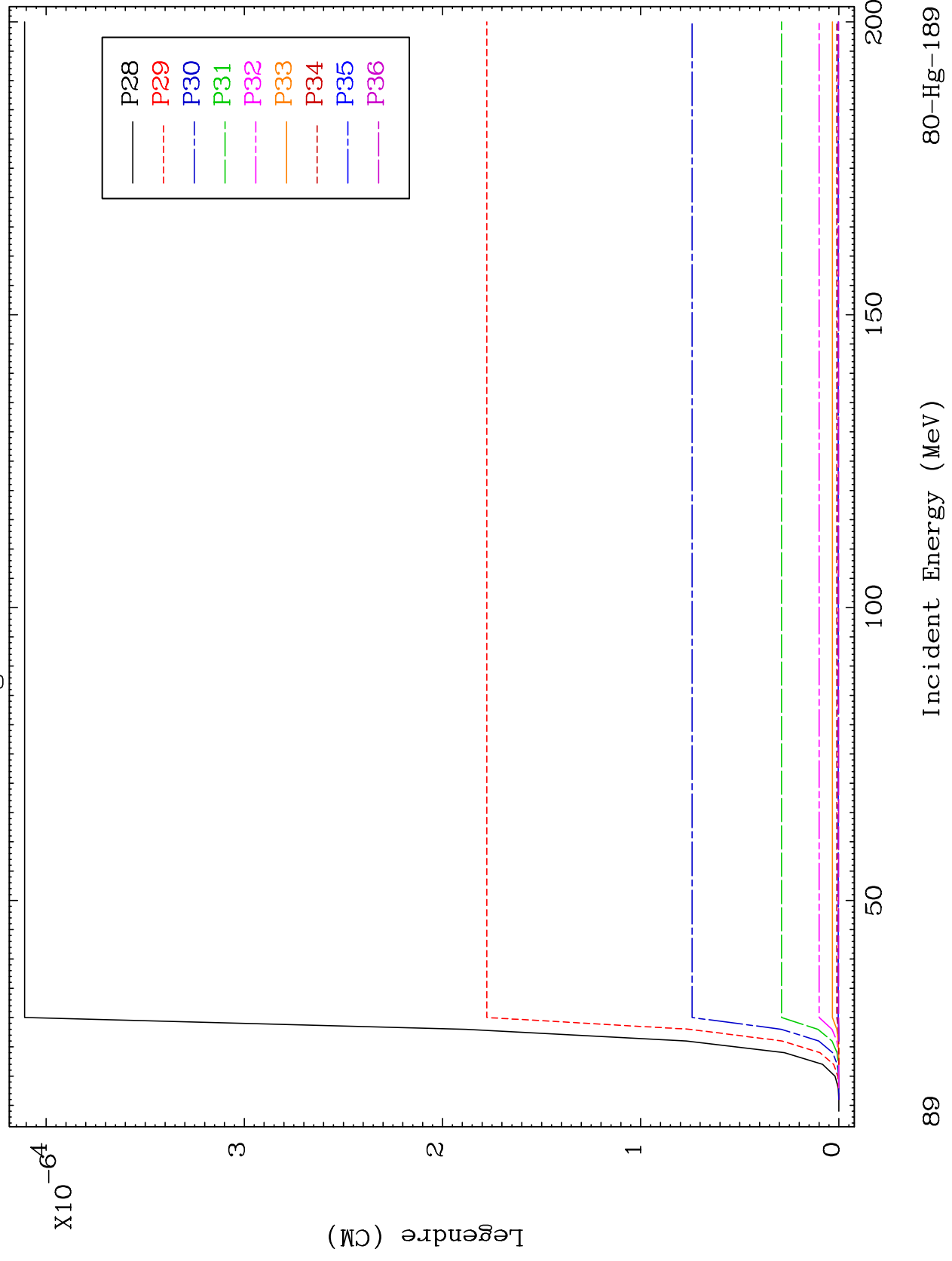
80-Hg-189



MAT 8004

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

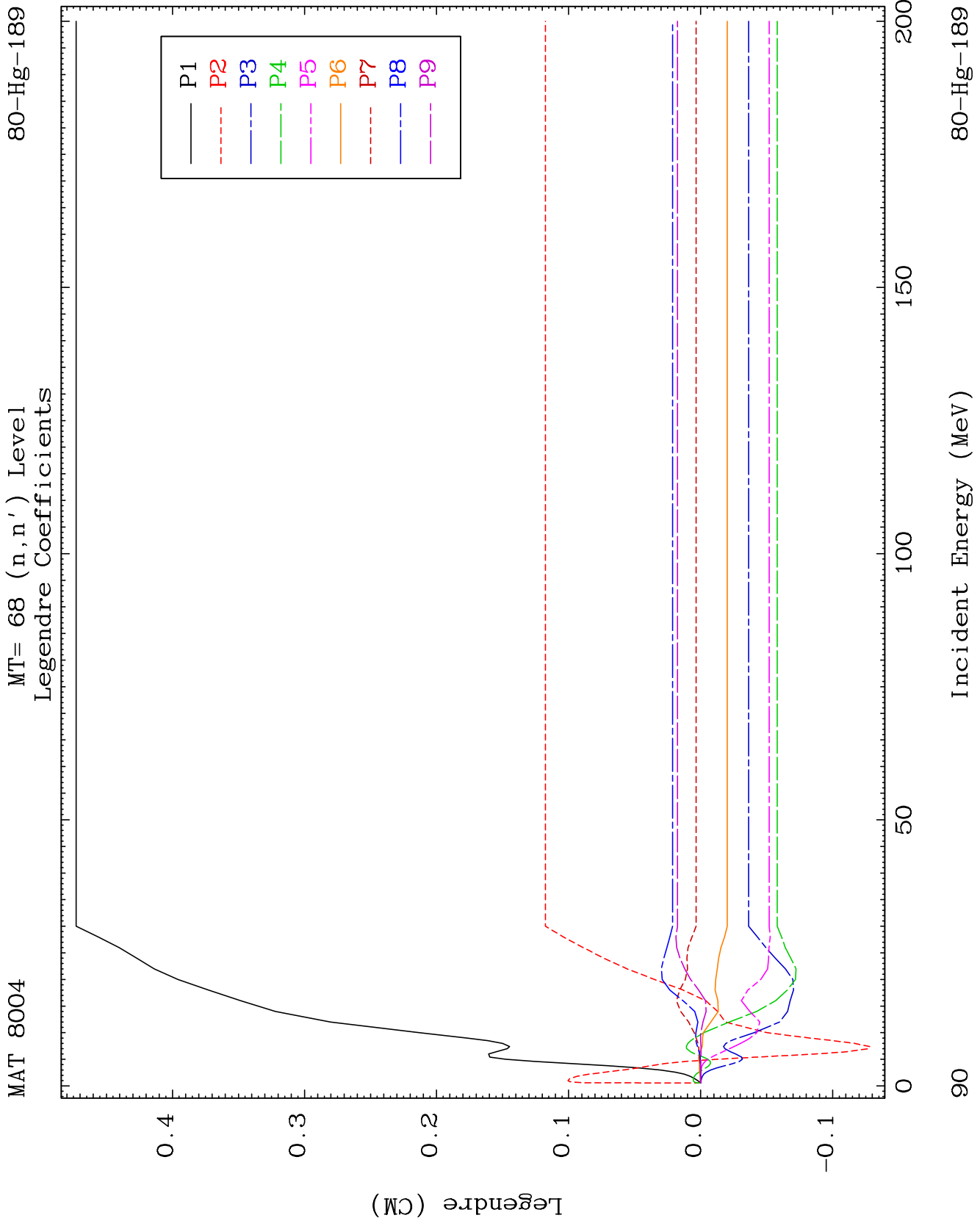
80-Hg-189



89

Incident Energy (MeV)

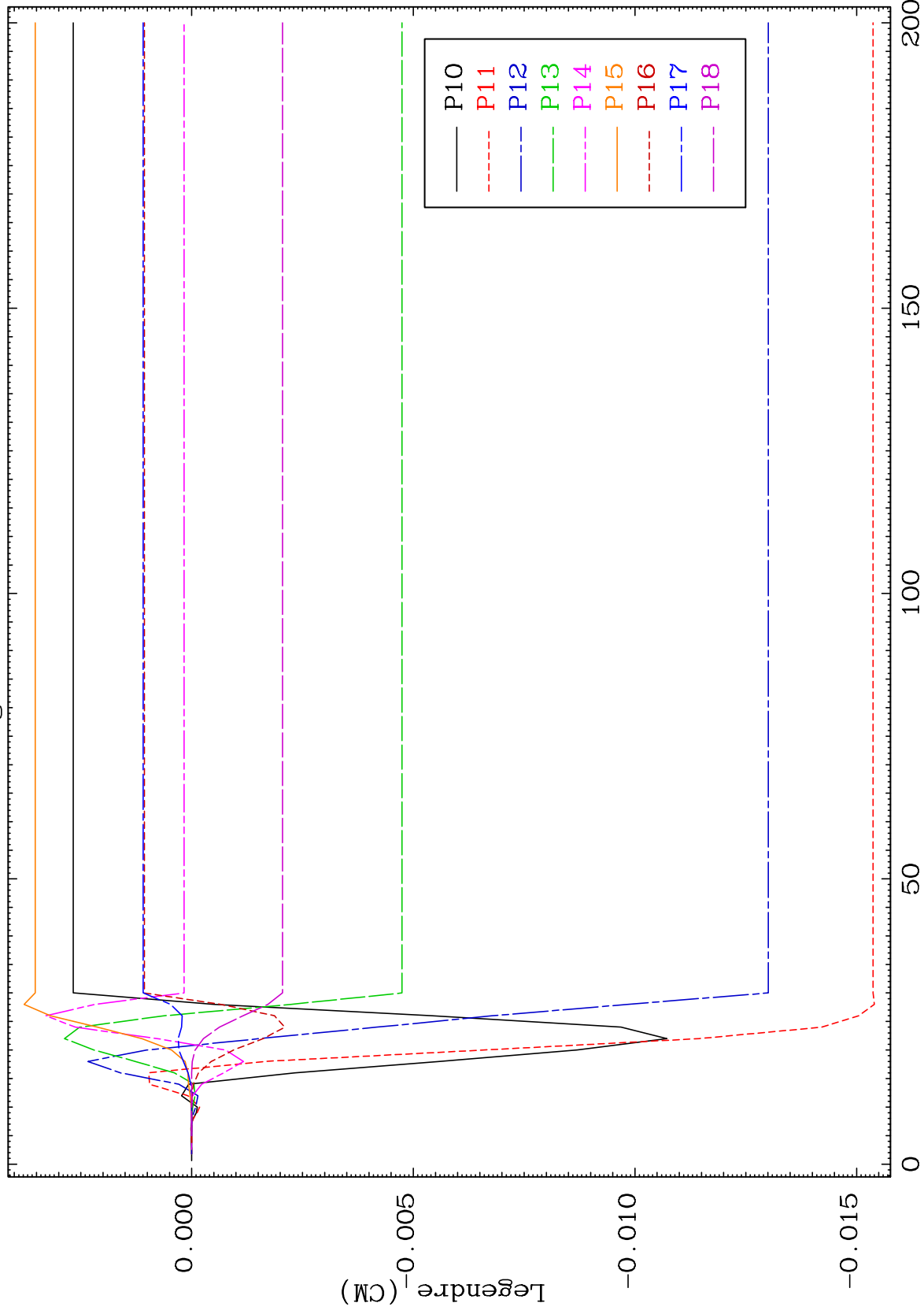
80-Hg-189



MAT 8004

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

80-Hg-189



91

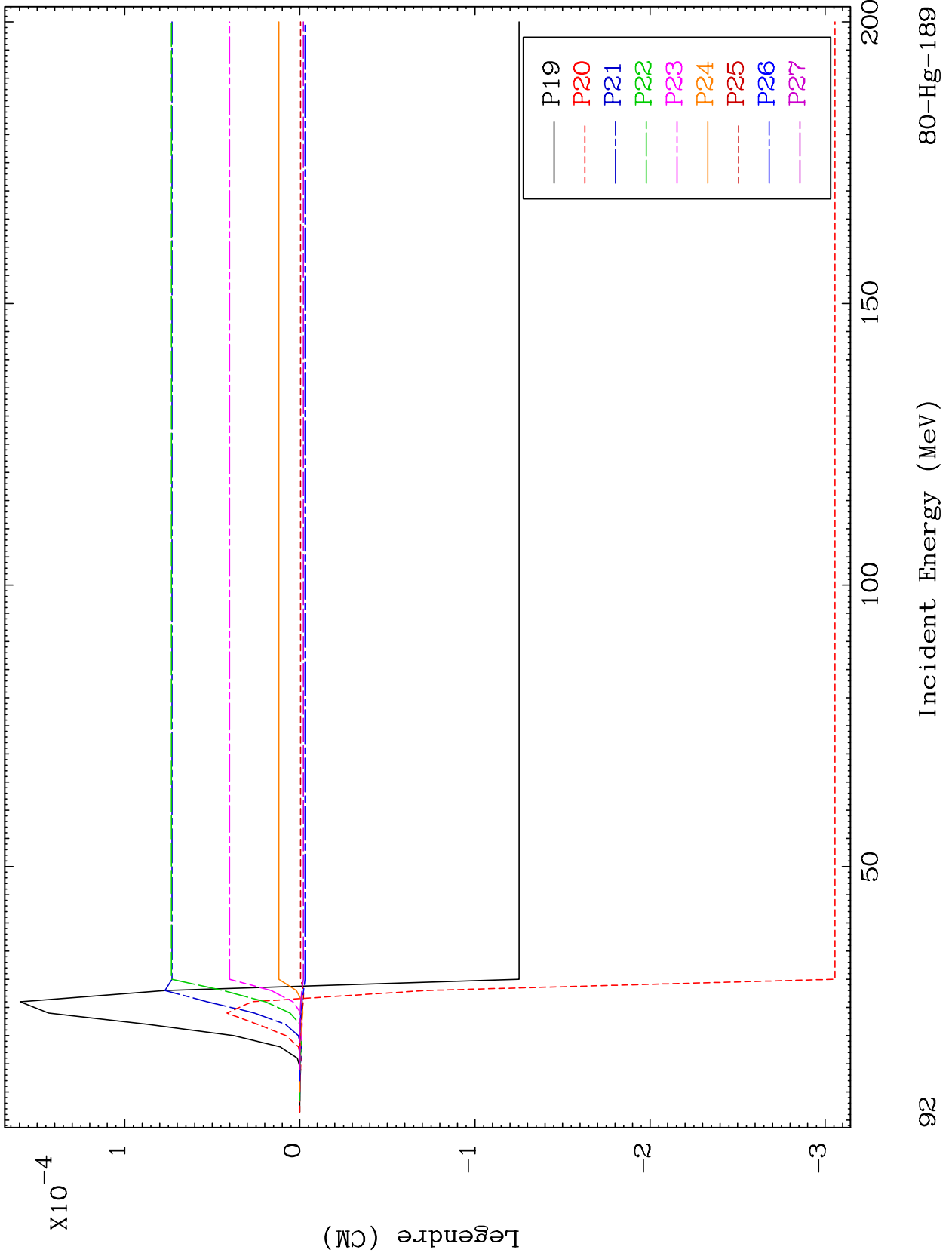
Incident Energy (MeV)

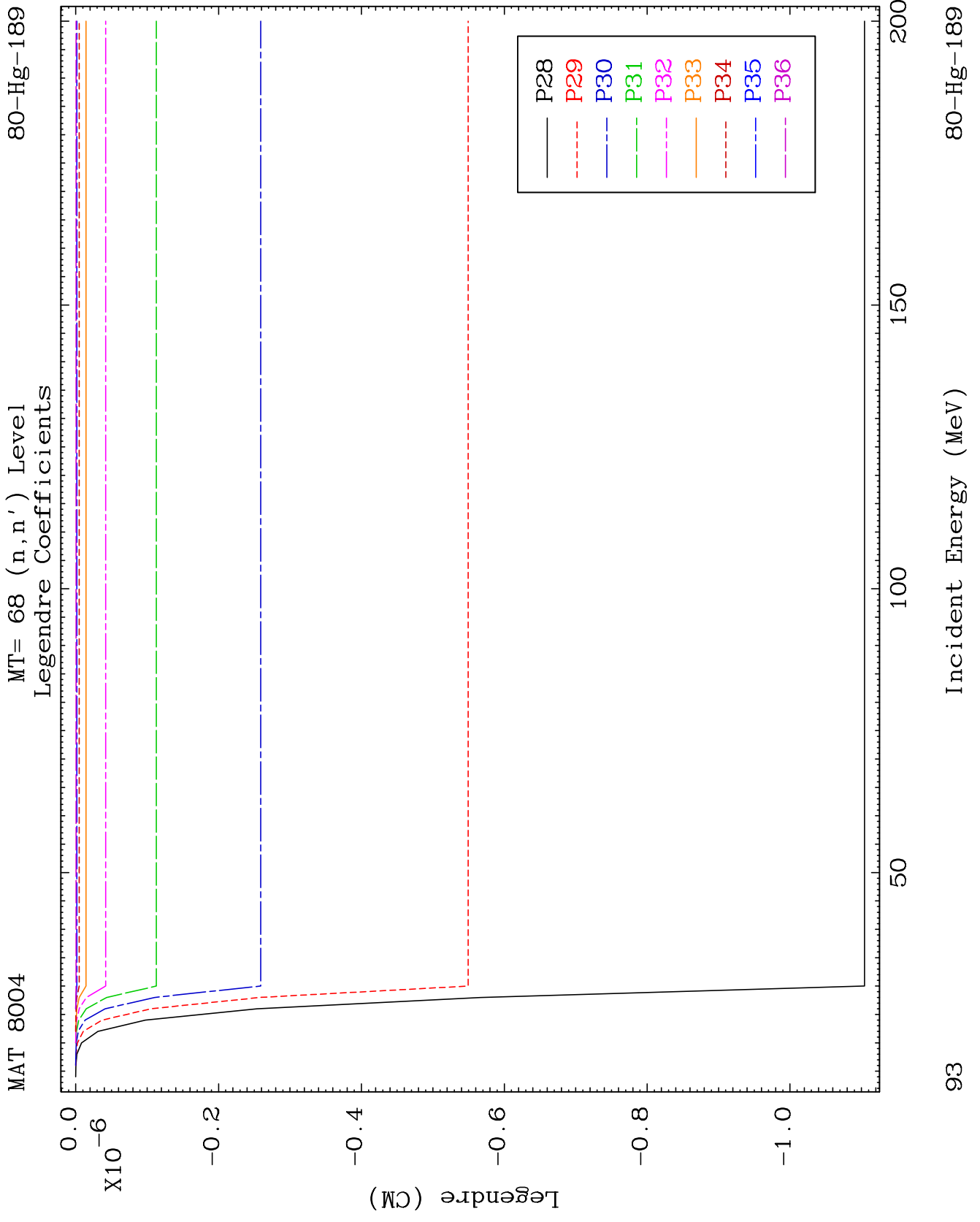
80-Hg-189

MAT 8004

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

80-Hg-189

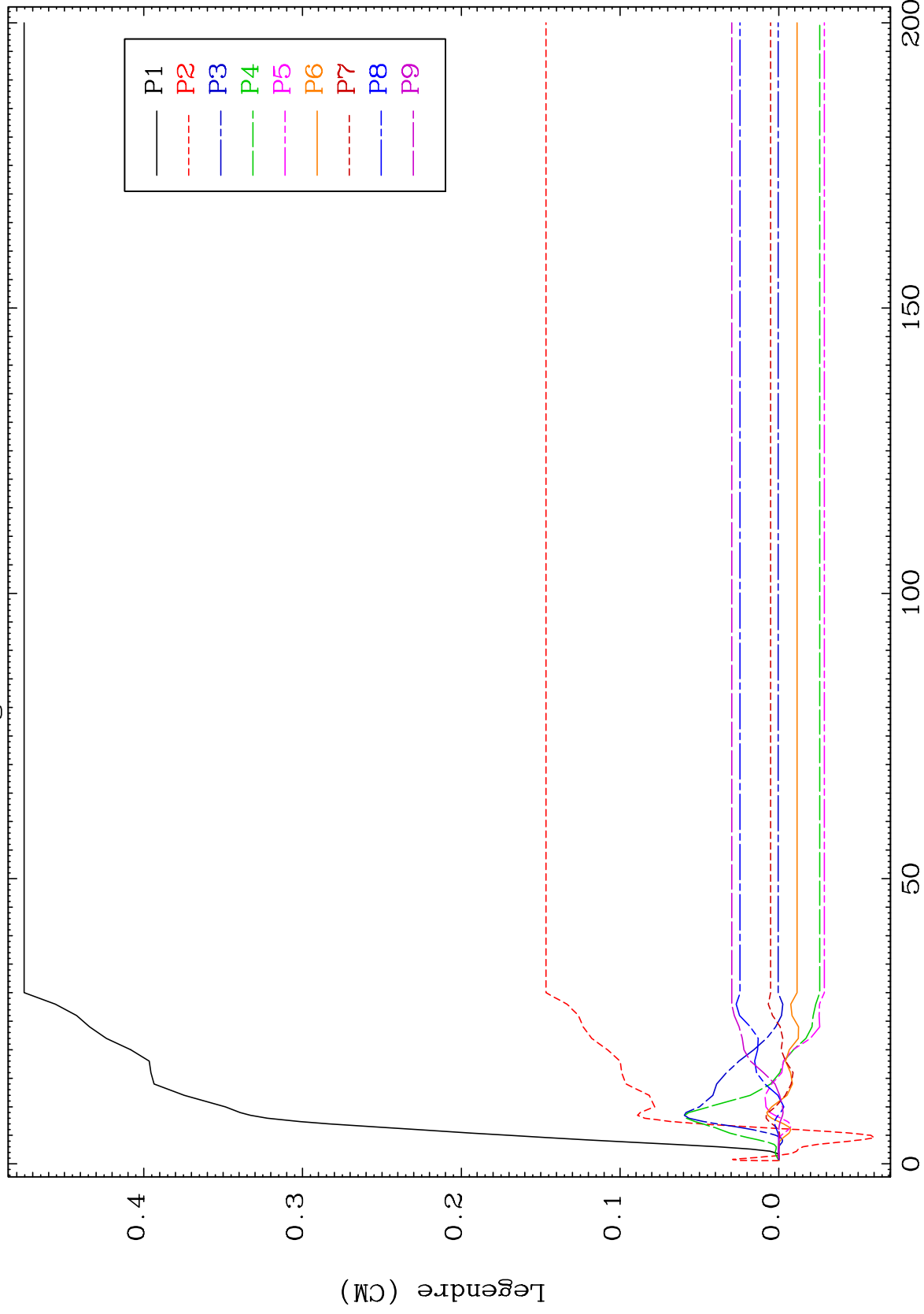




MAT 8004

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

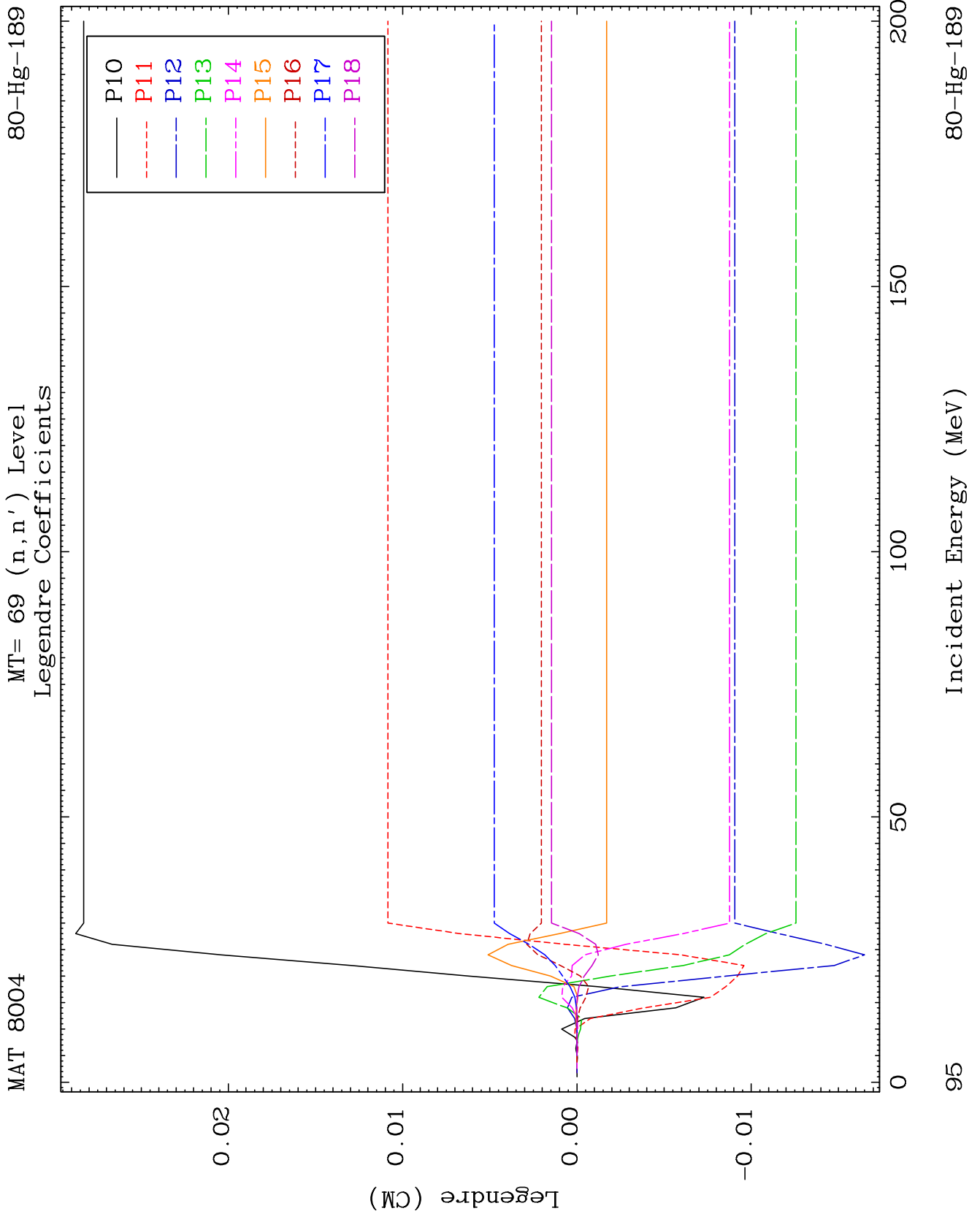
80-Hg-189

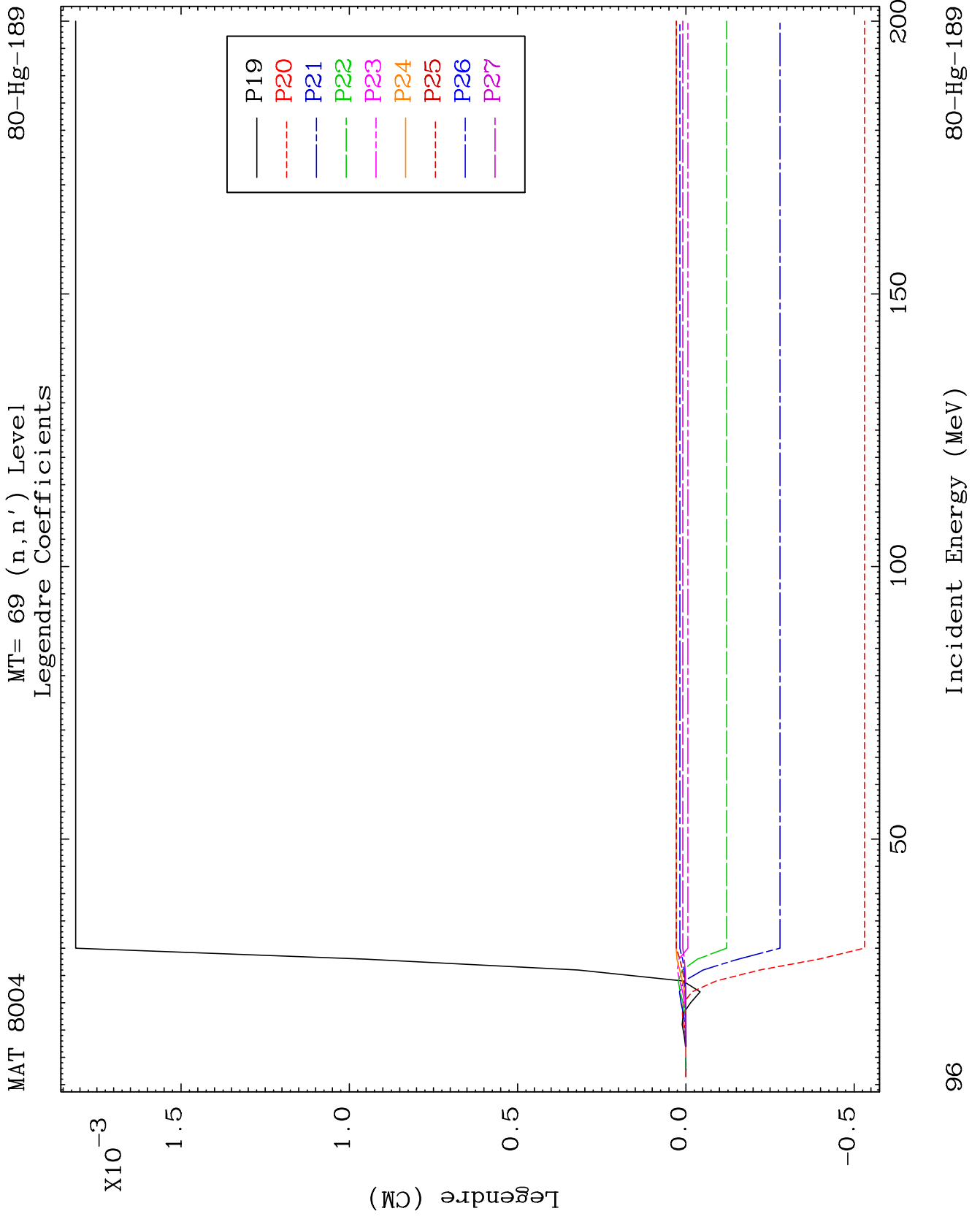


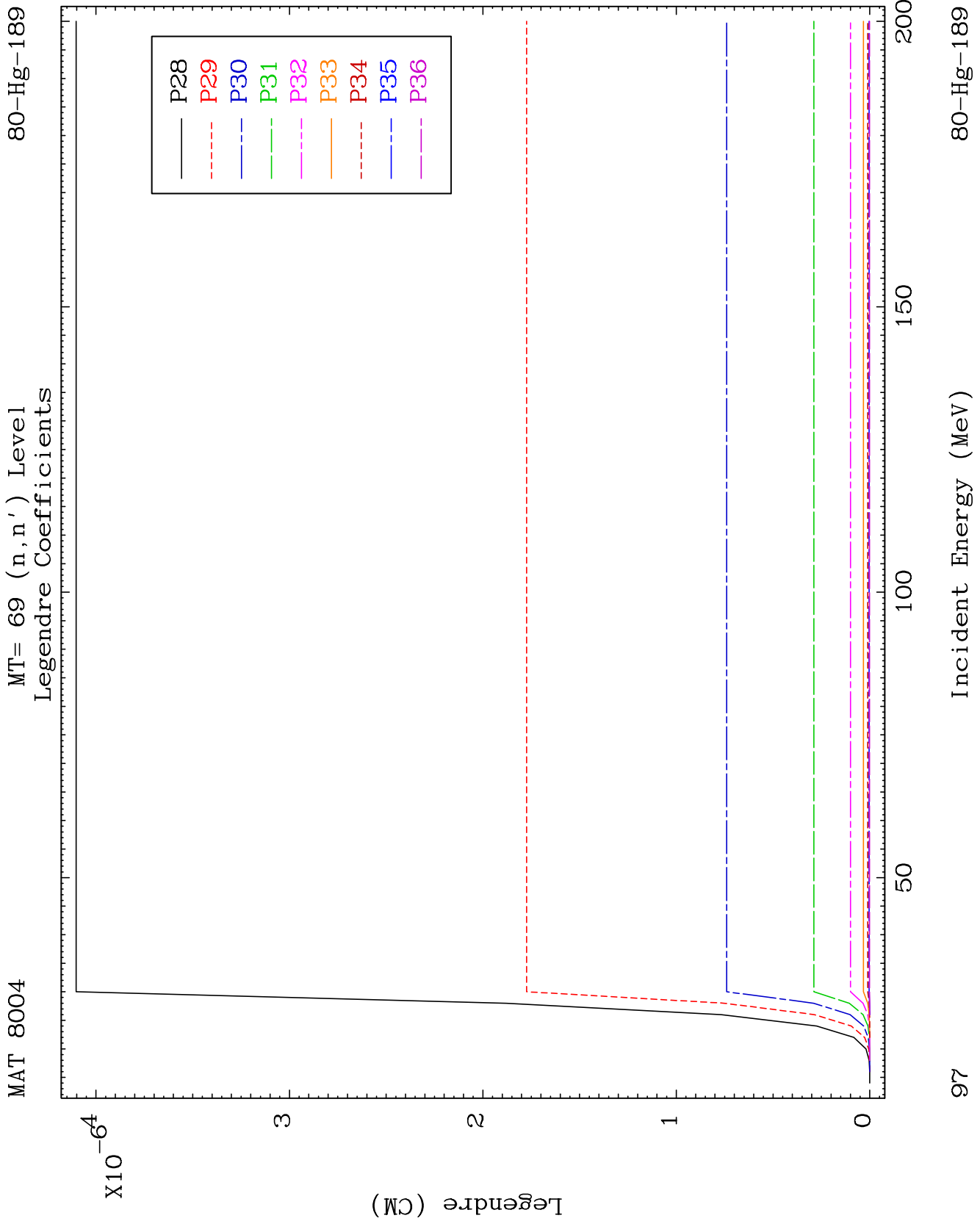
94

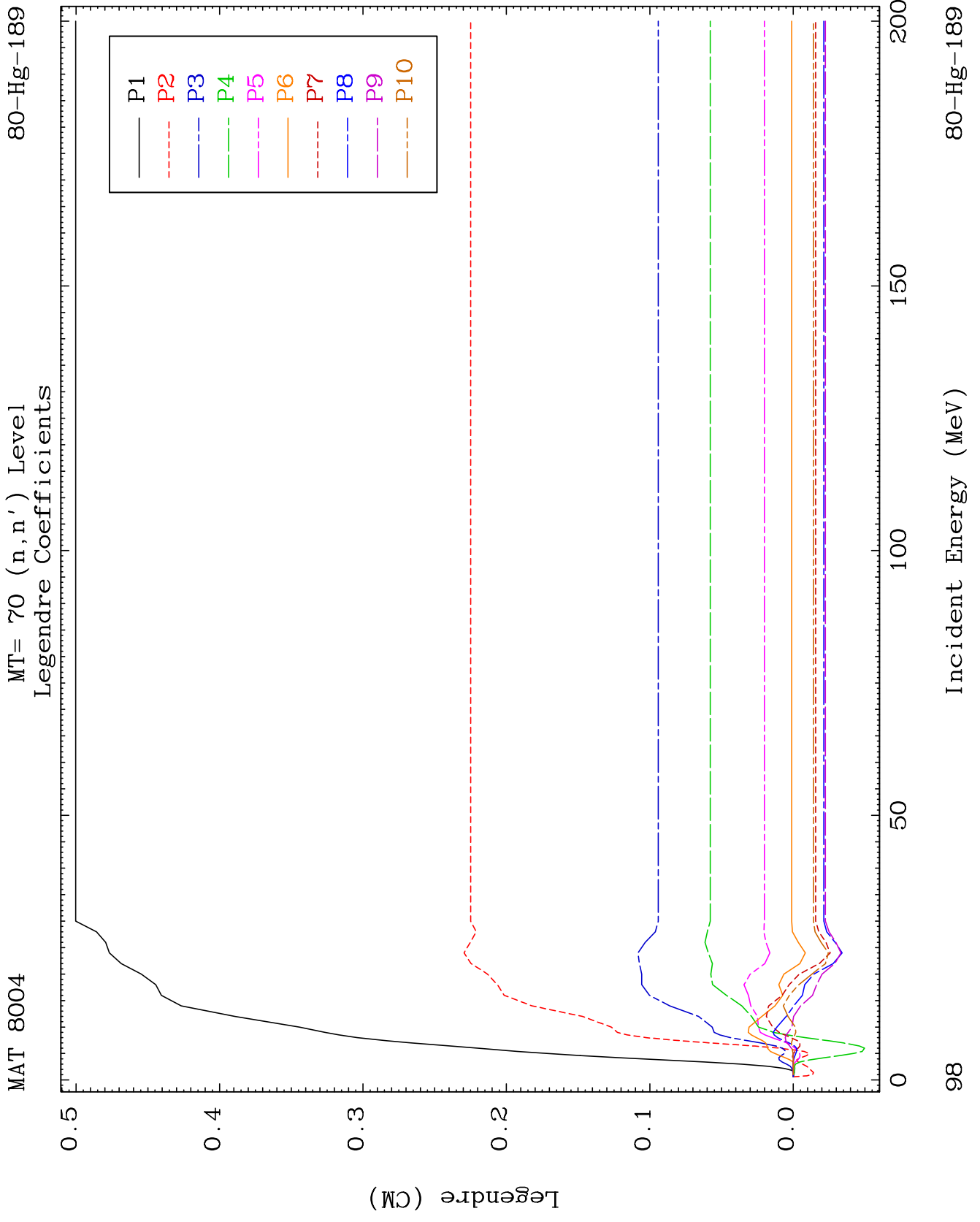
Incident Energy (MeV)

80-Hg-189





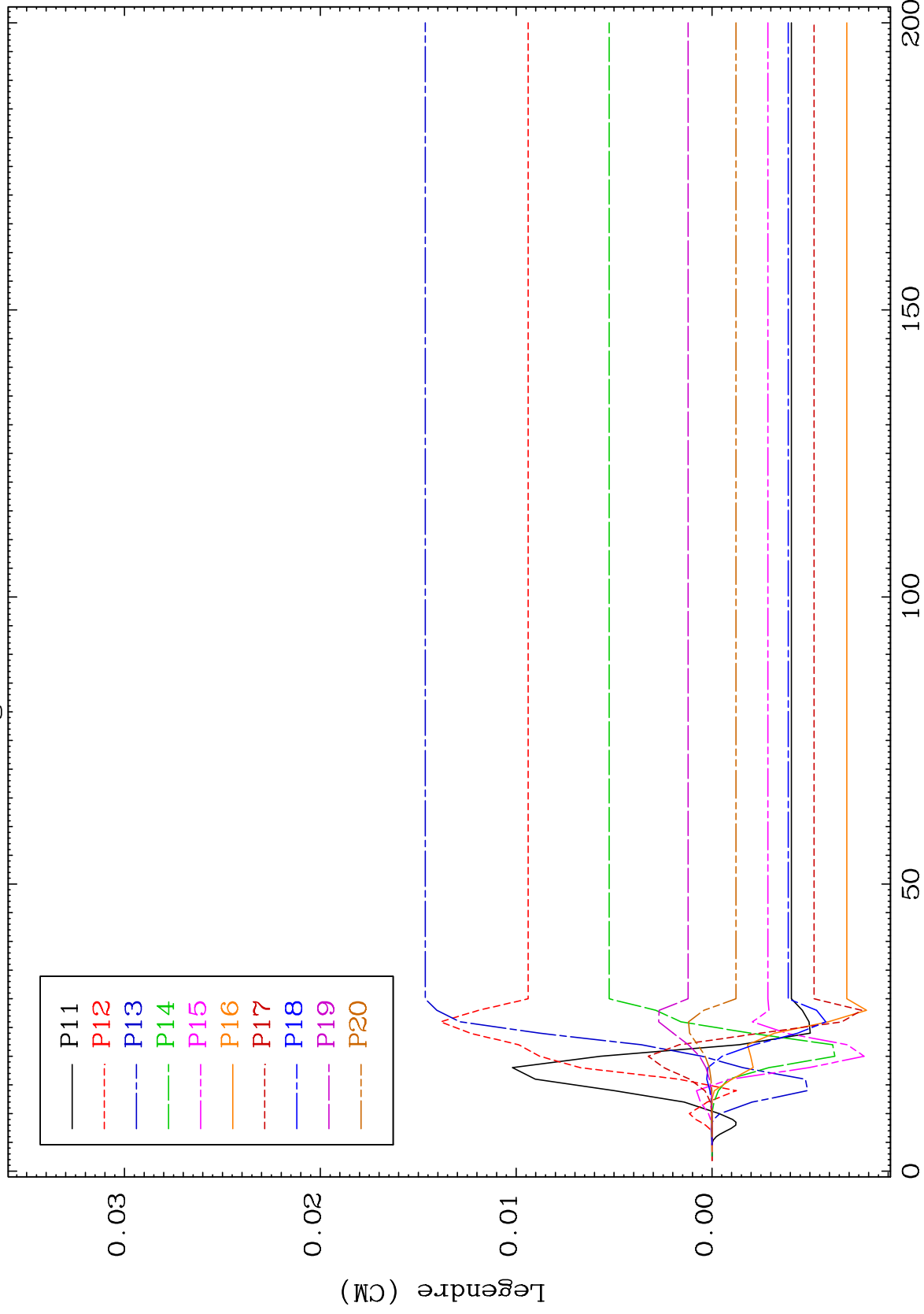




MAT 8004

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

80-Hg-189



99

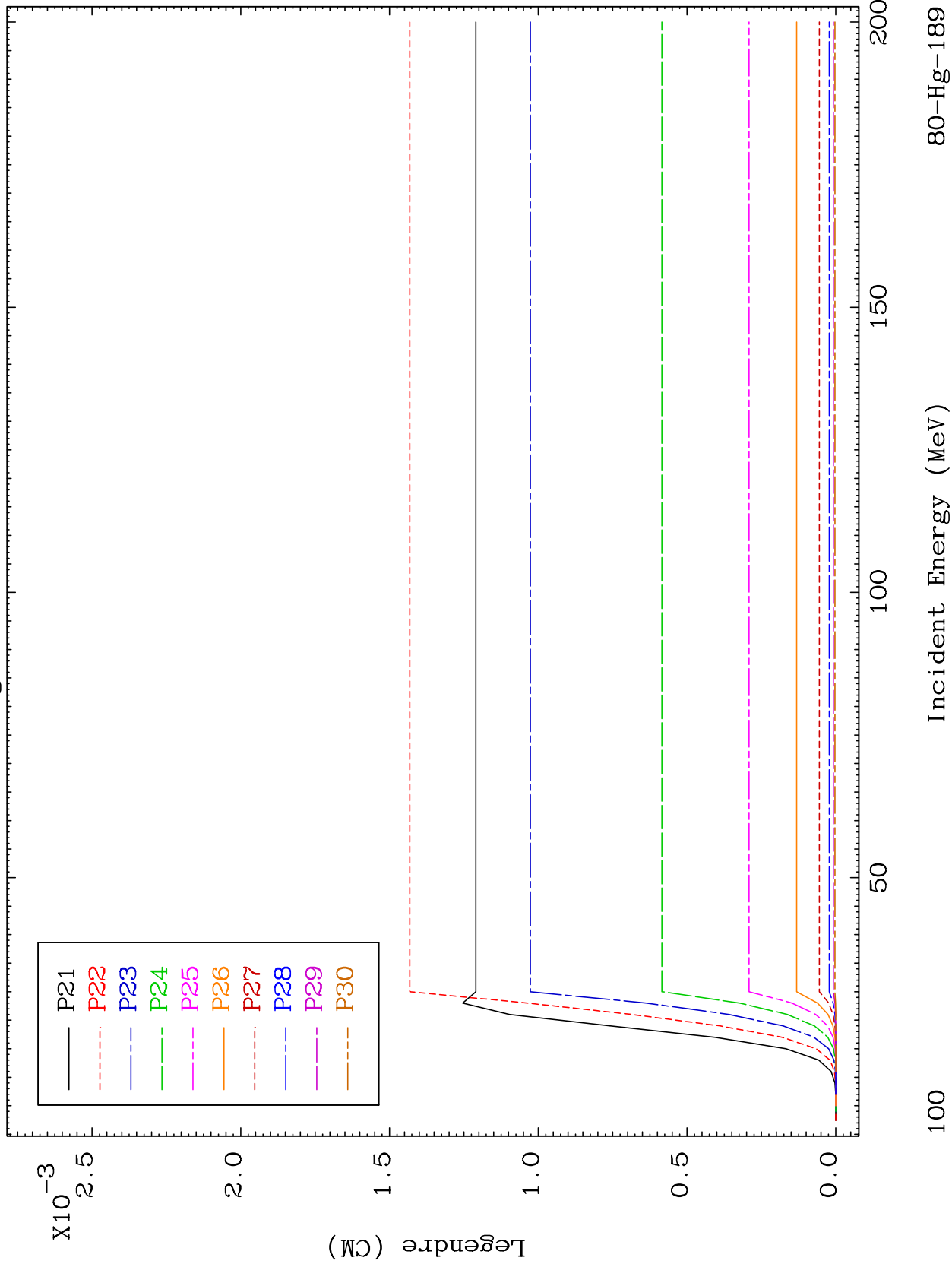
Incident Energy (MeV)

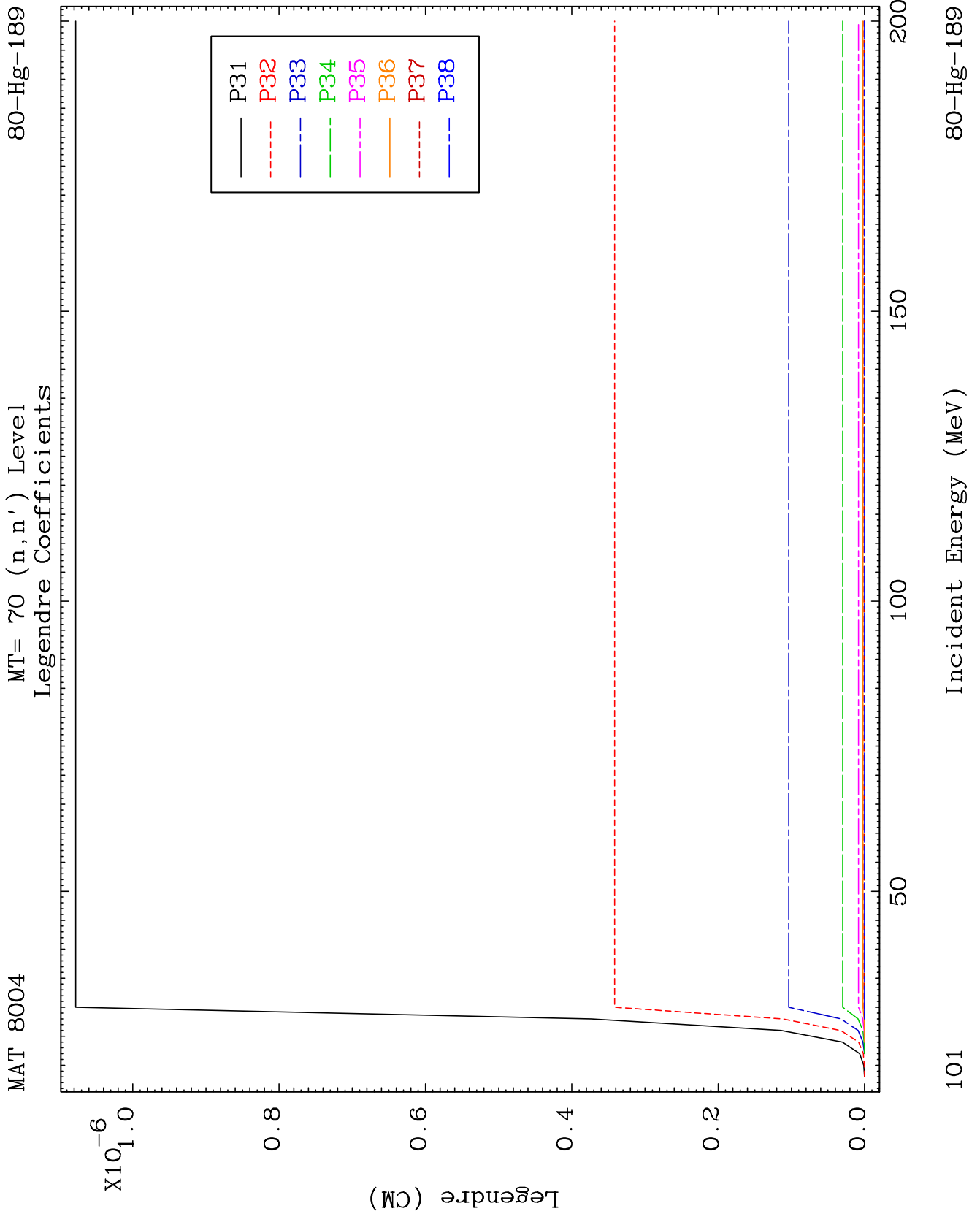
80-Hg-189

MAT 8004

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

80-Hg-189

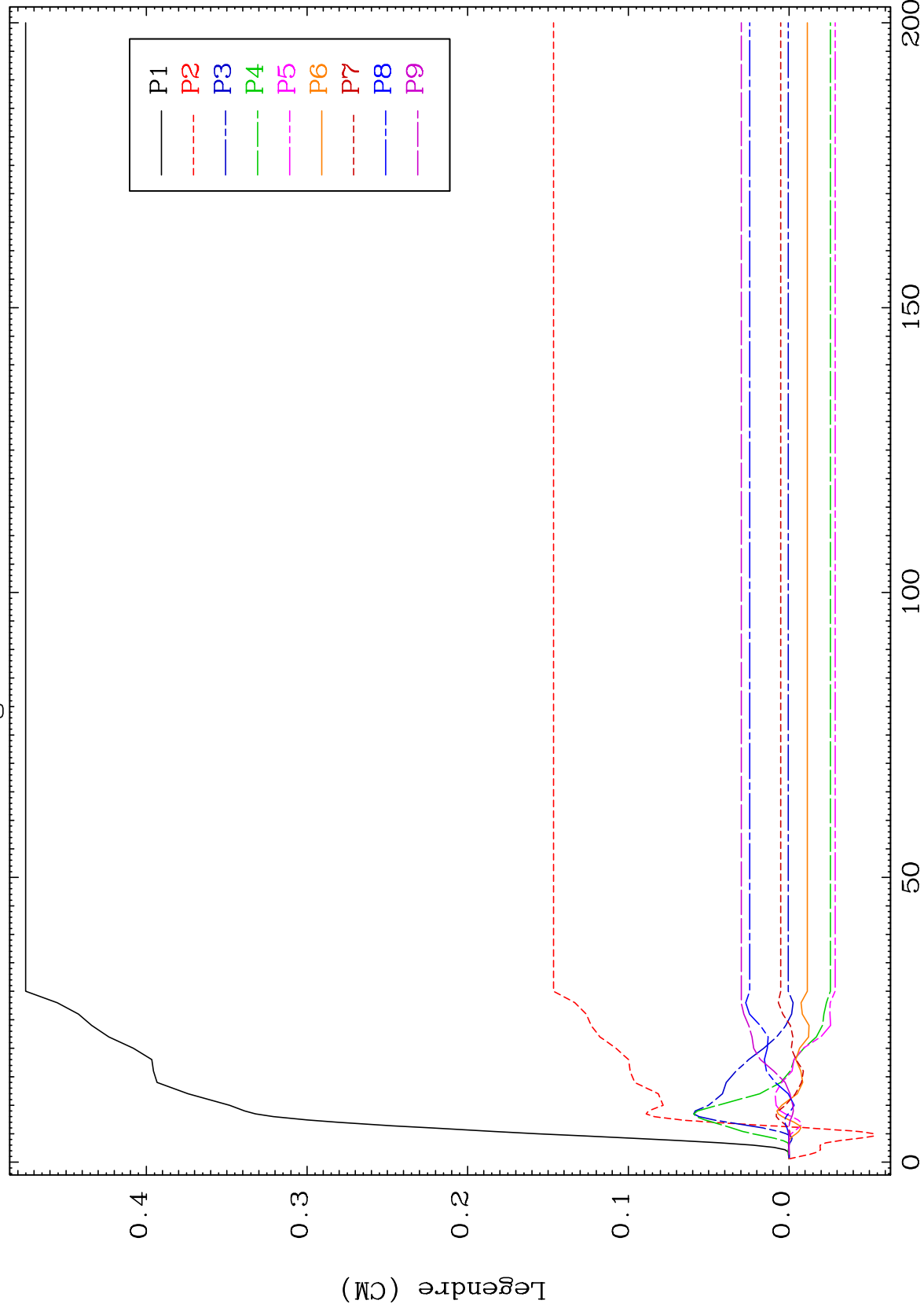




MAT 8004

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

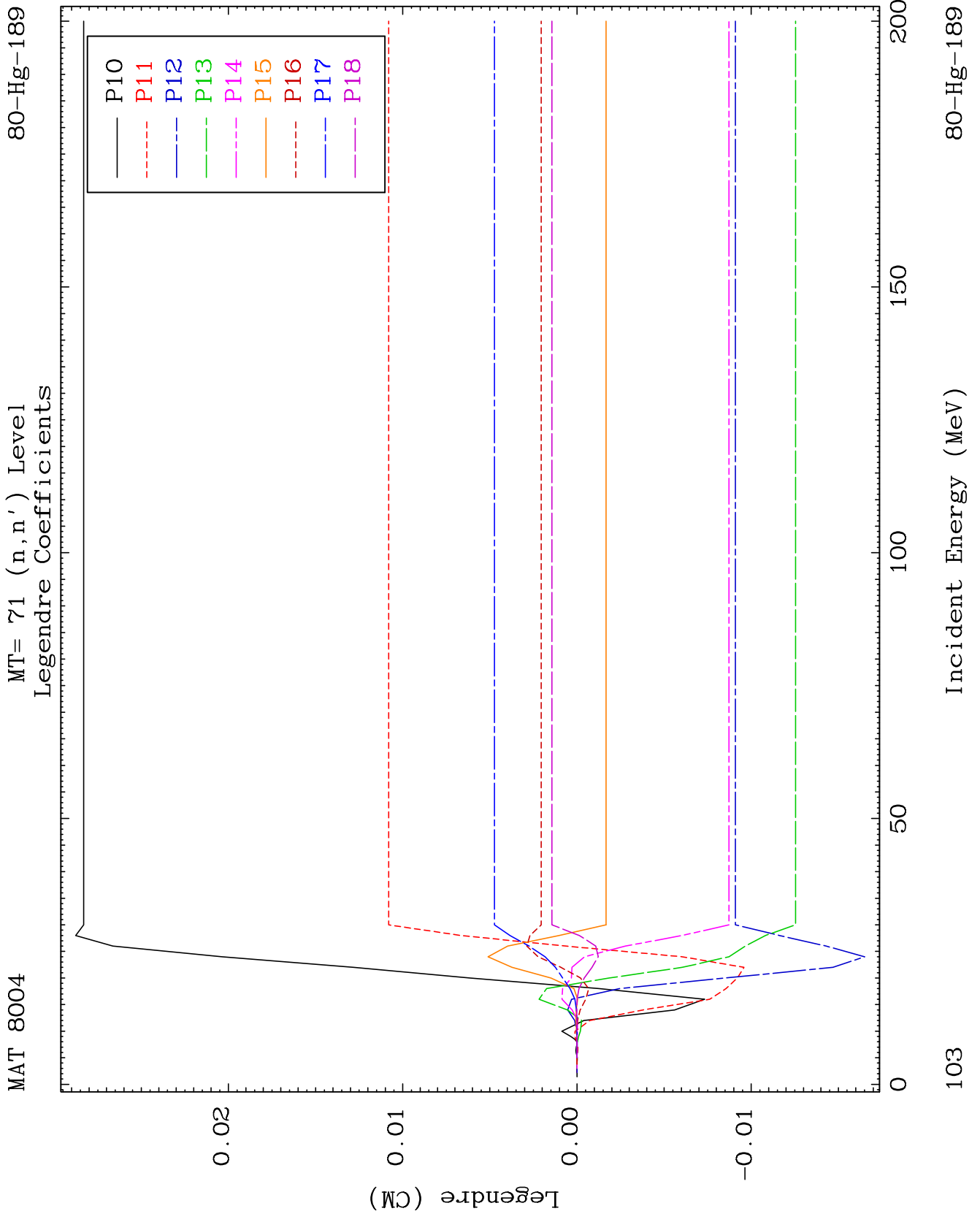
80-Hg-189

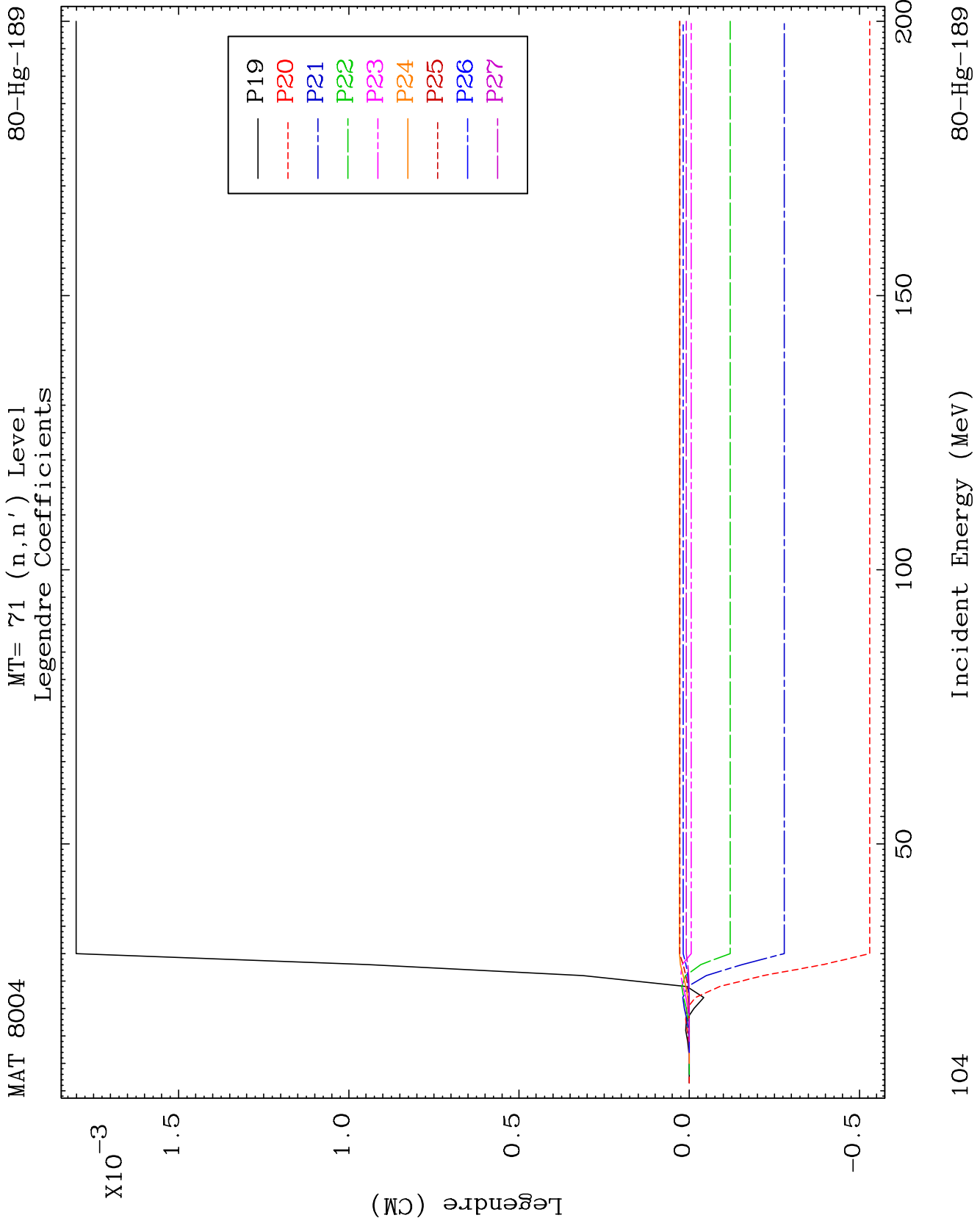


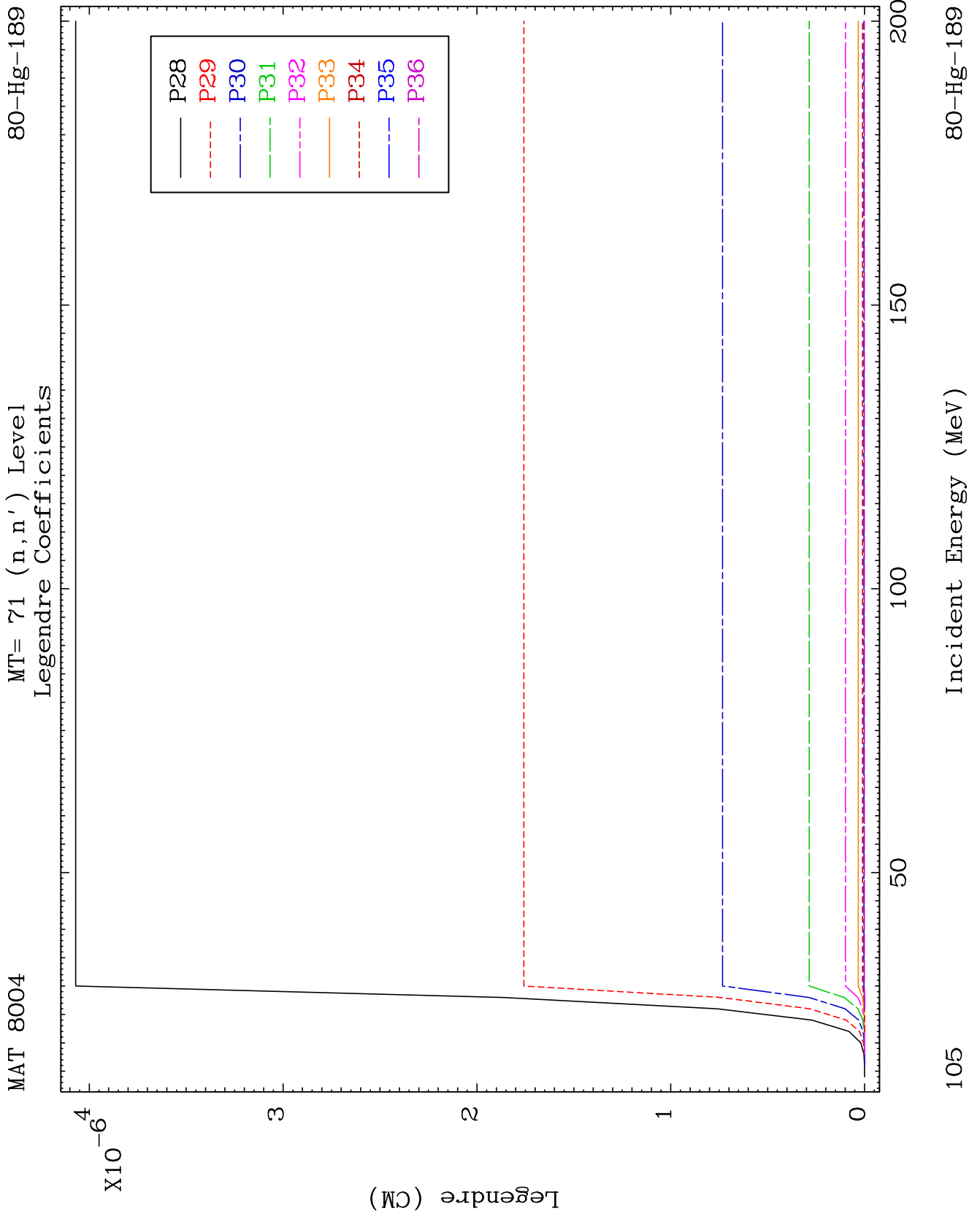
80-Hg-189

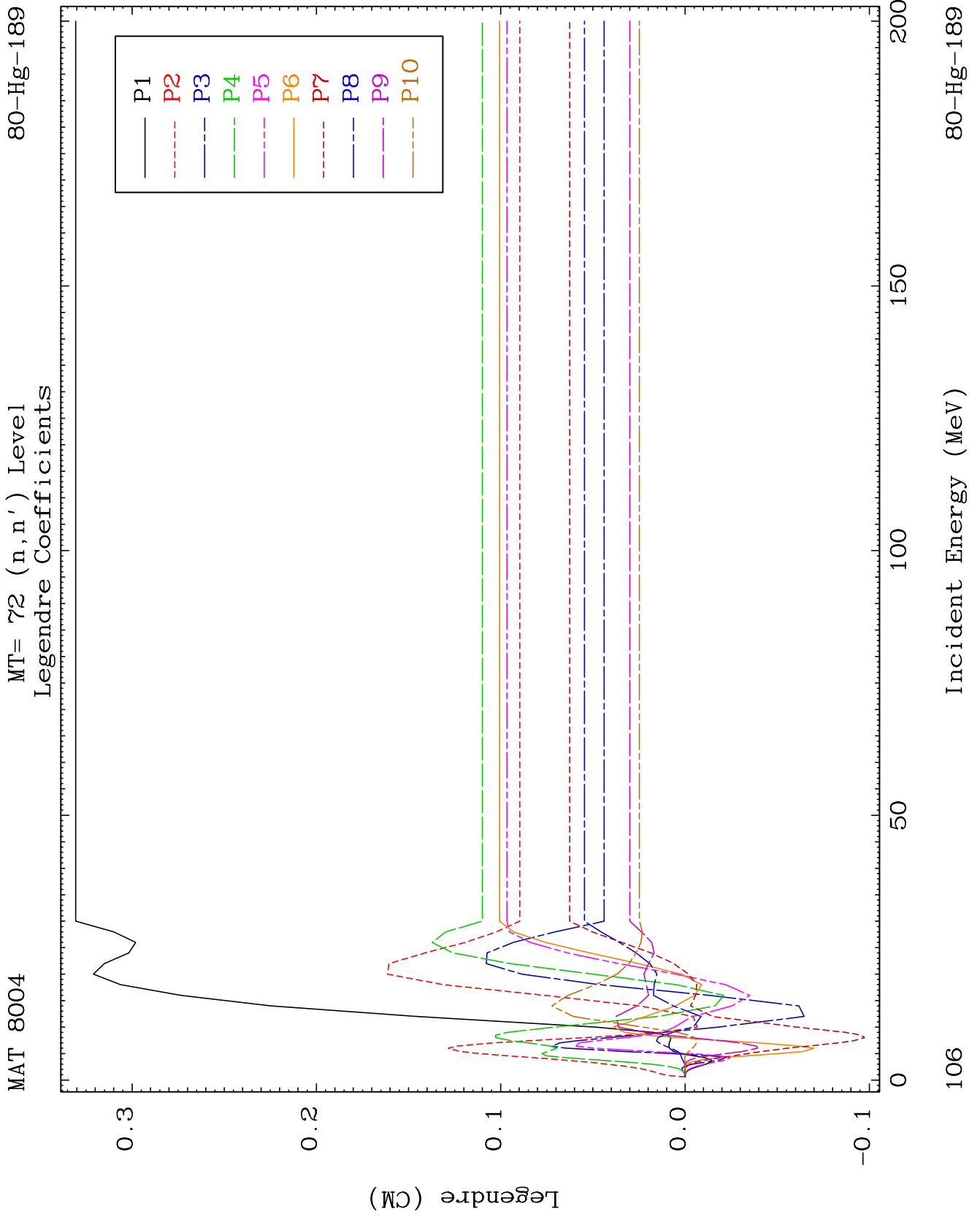
Incident Energy (MeV)

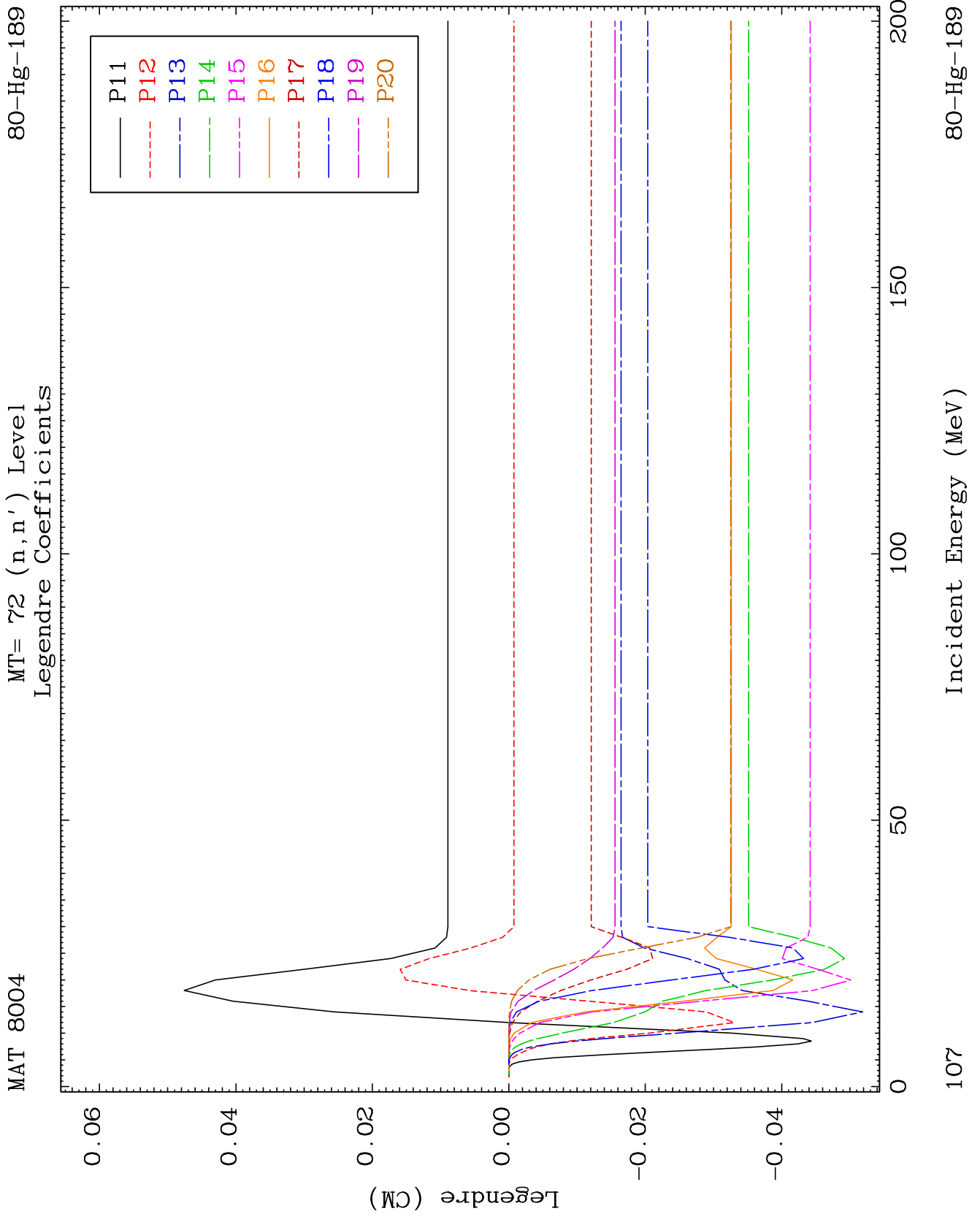
102







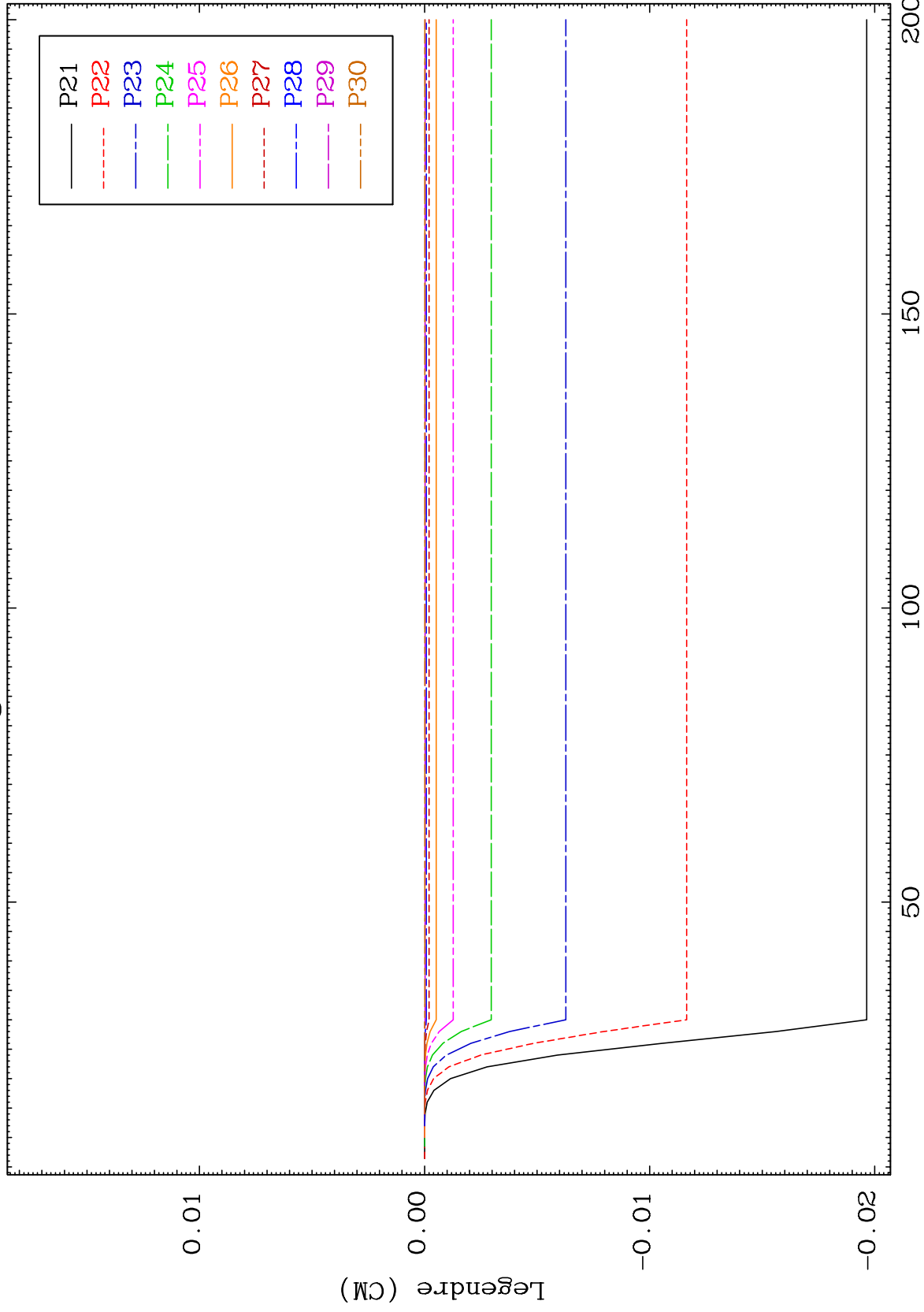




MAT 8004

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

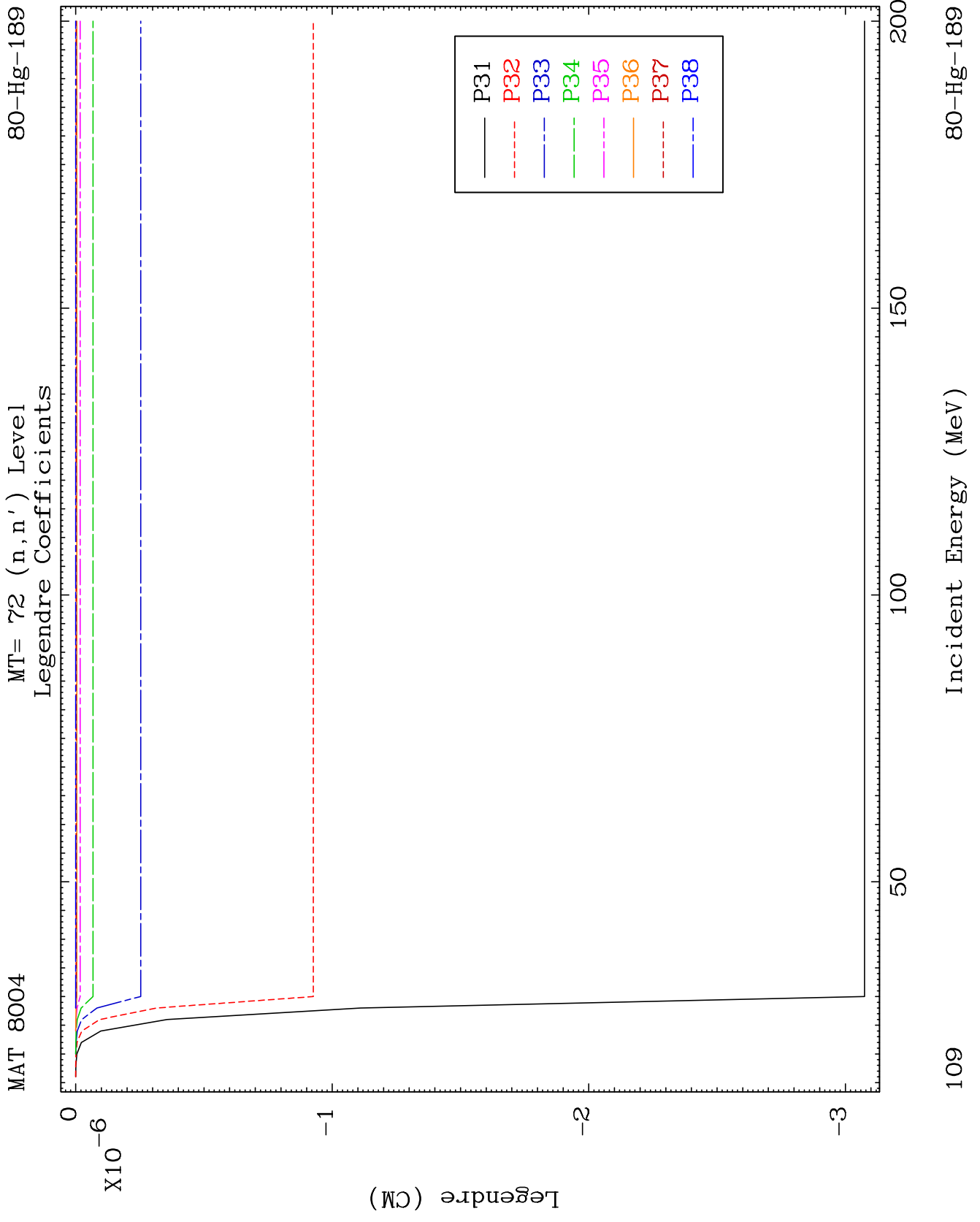
80-Hg-189

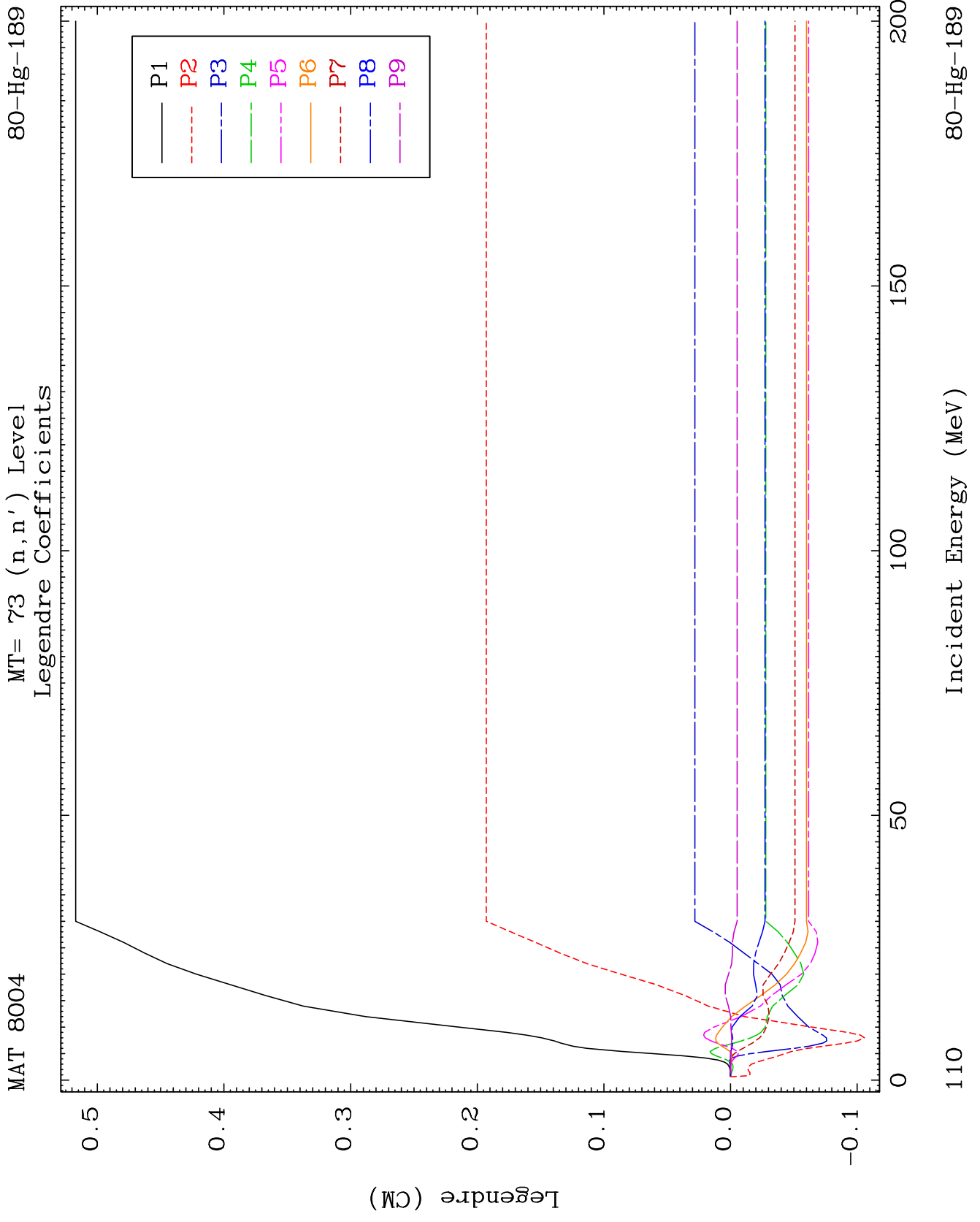


108

Incident Energy (MeV)

80-Hg-189

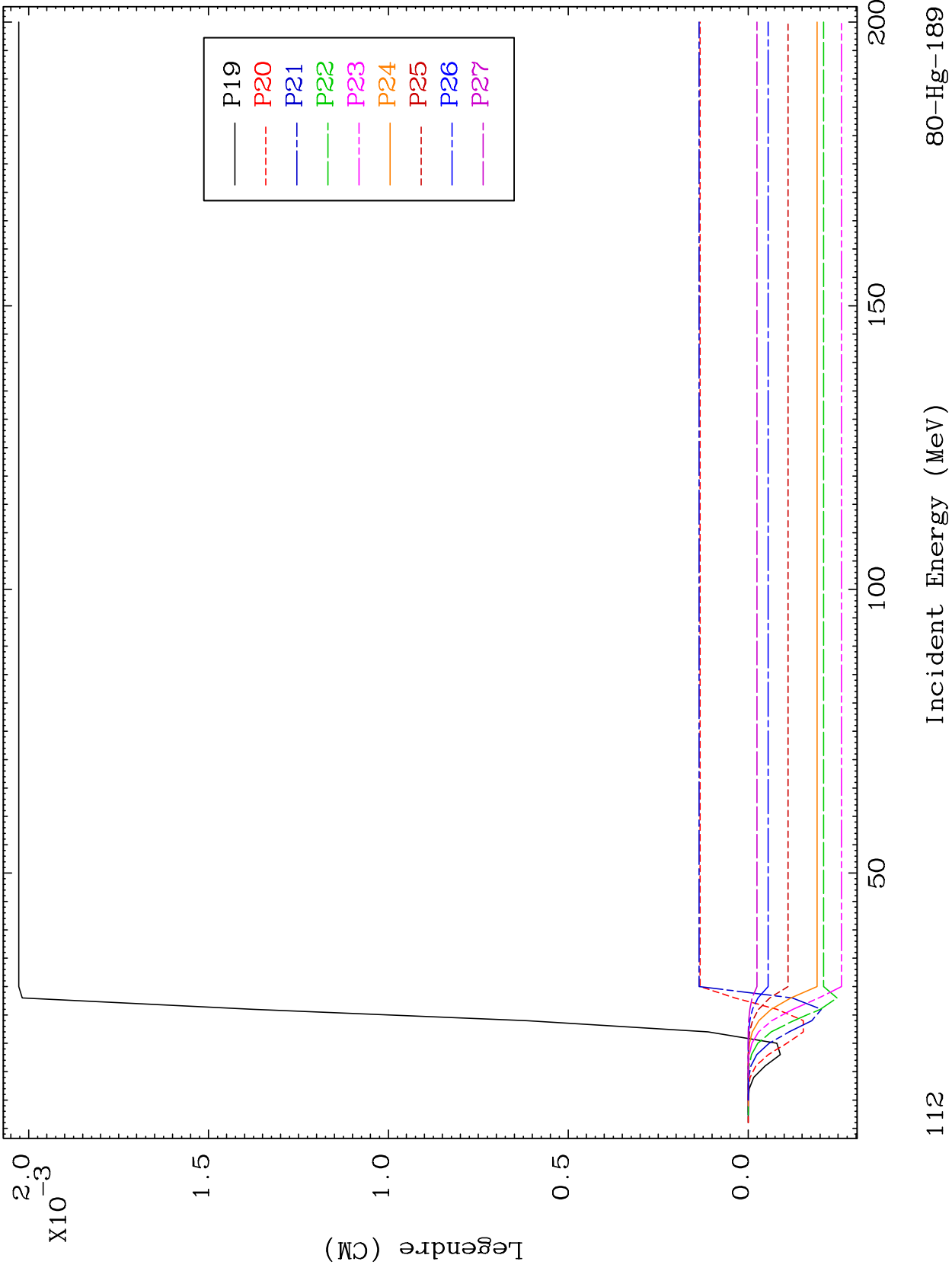




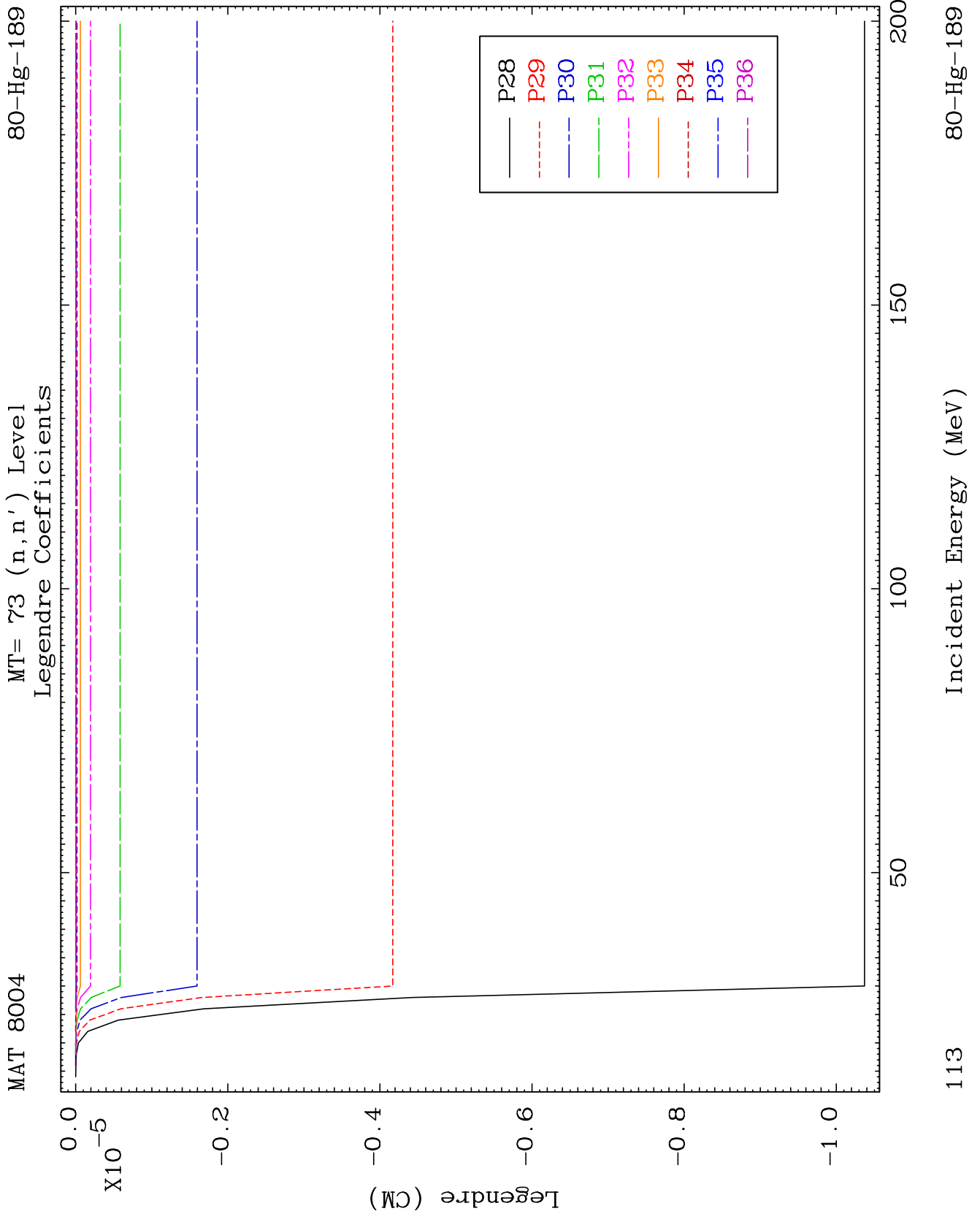
MAT 8004

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

80-Hg-189



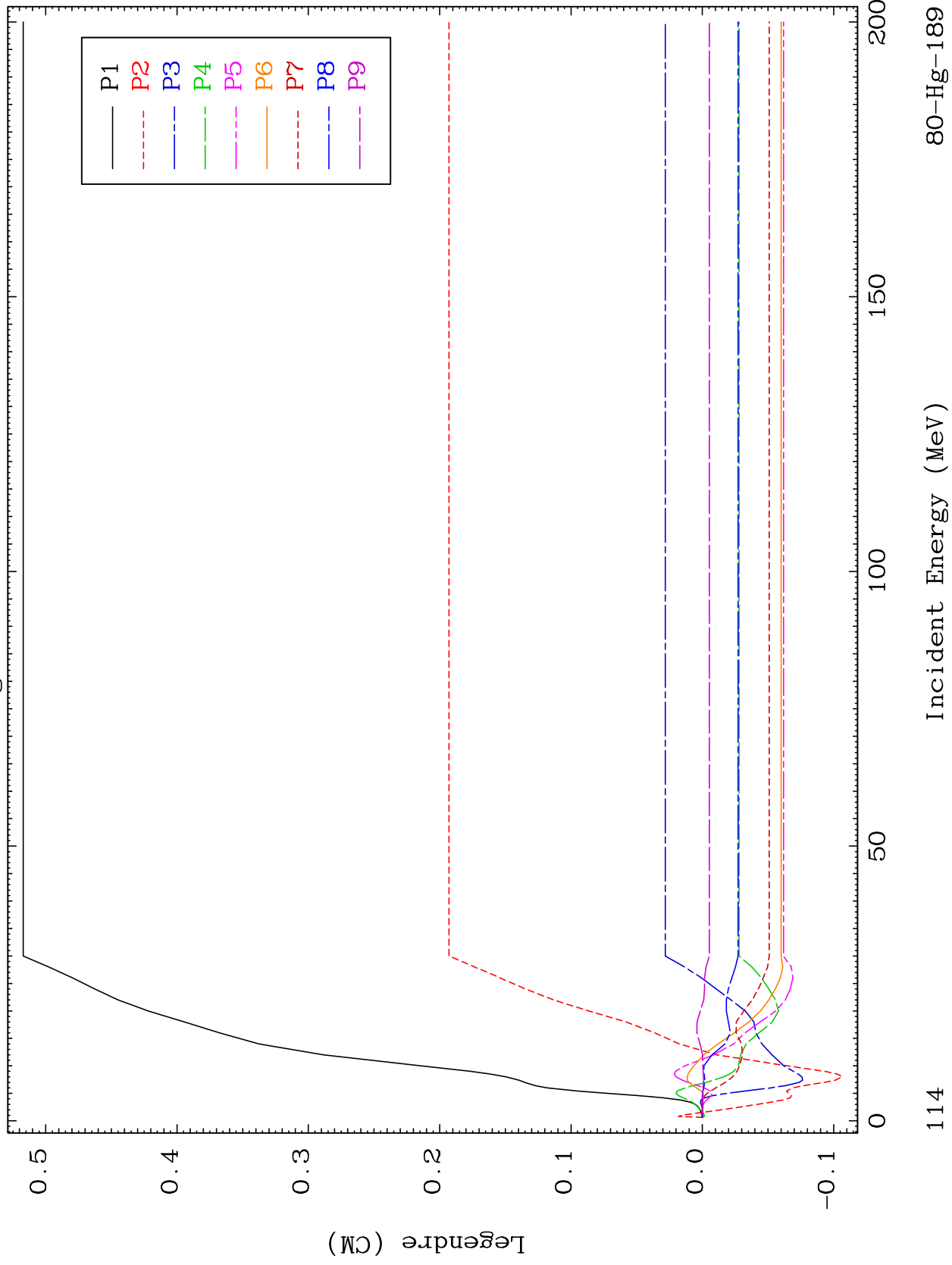
112



MAT 8004

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

80-Hg-189



114

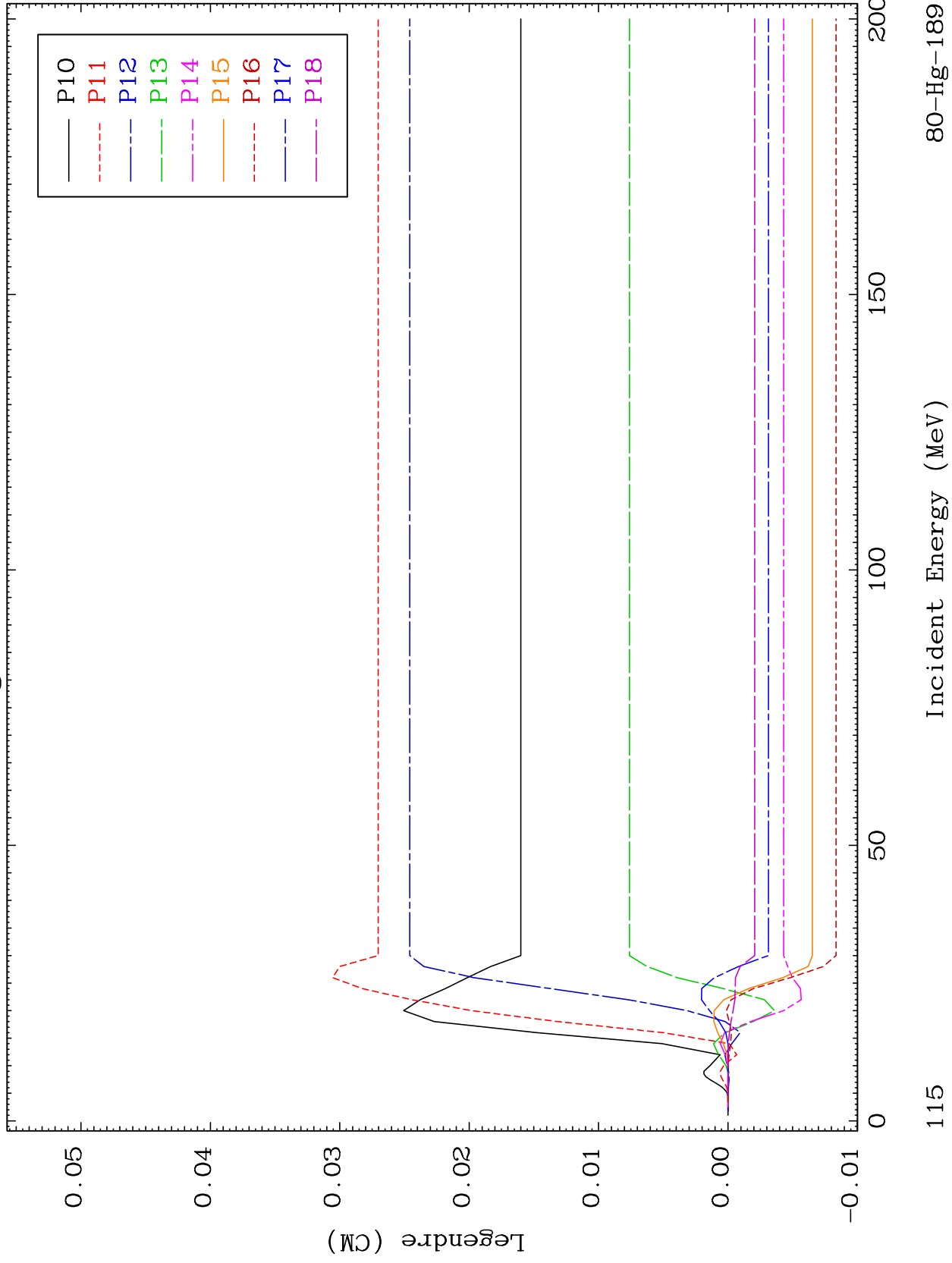
Incident Energy (MeV)

80-Hg-189

MAT 8004

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

80-Hg-189



80-Hg-189

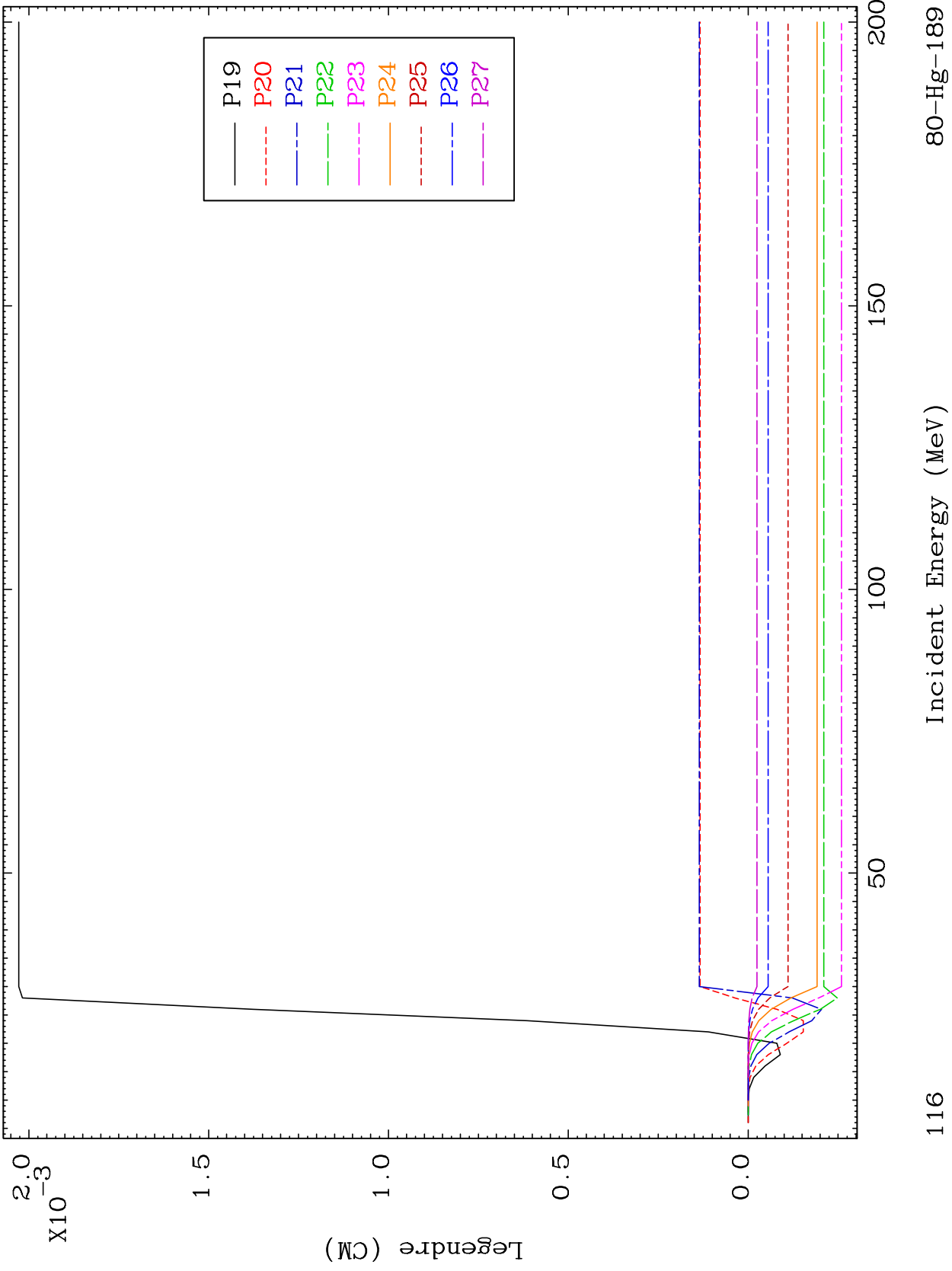
Incident Energy (MeV)

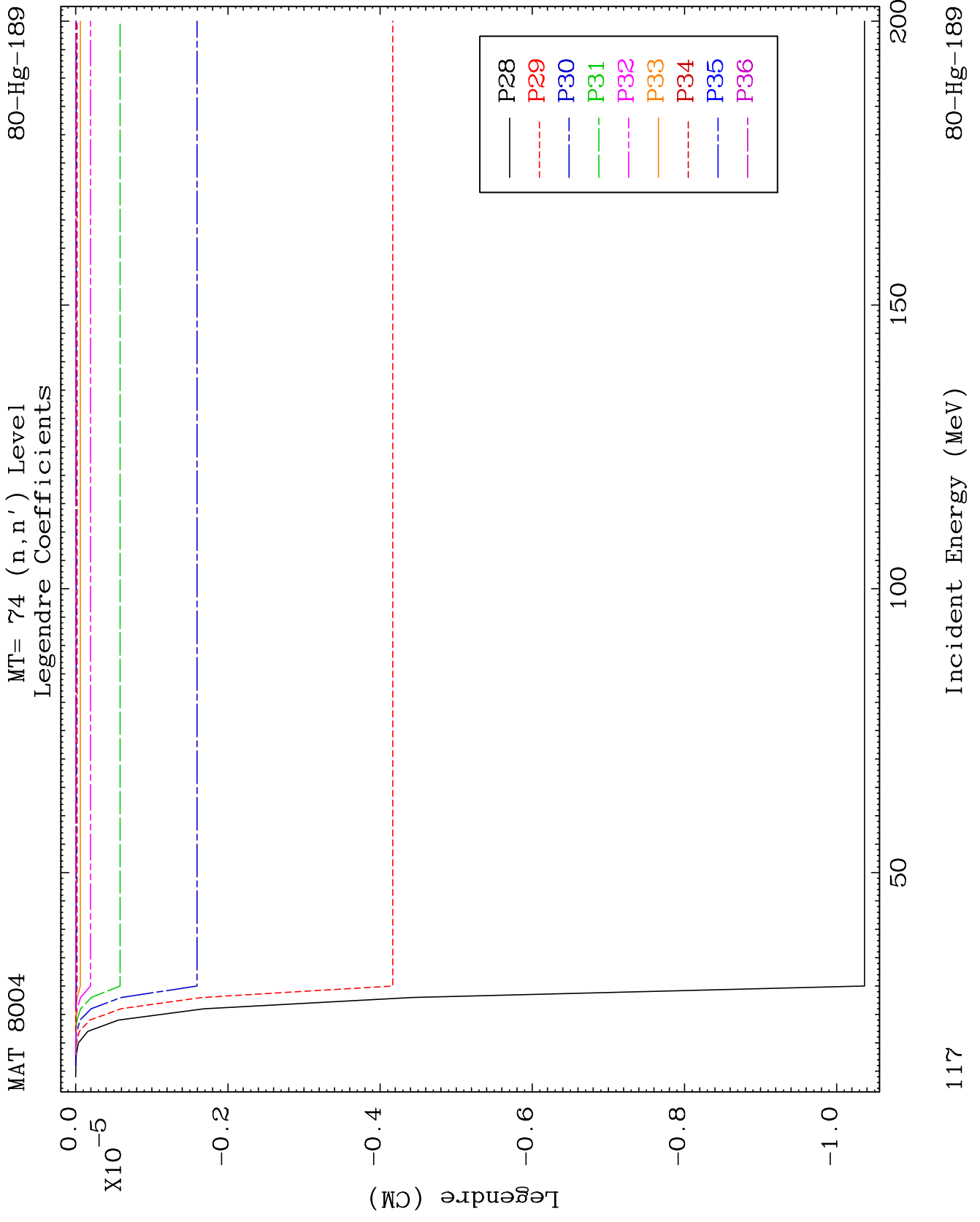
115

MAT 8004

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

80-Hg-189

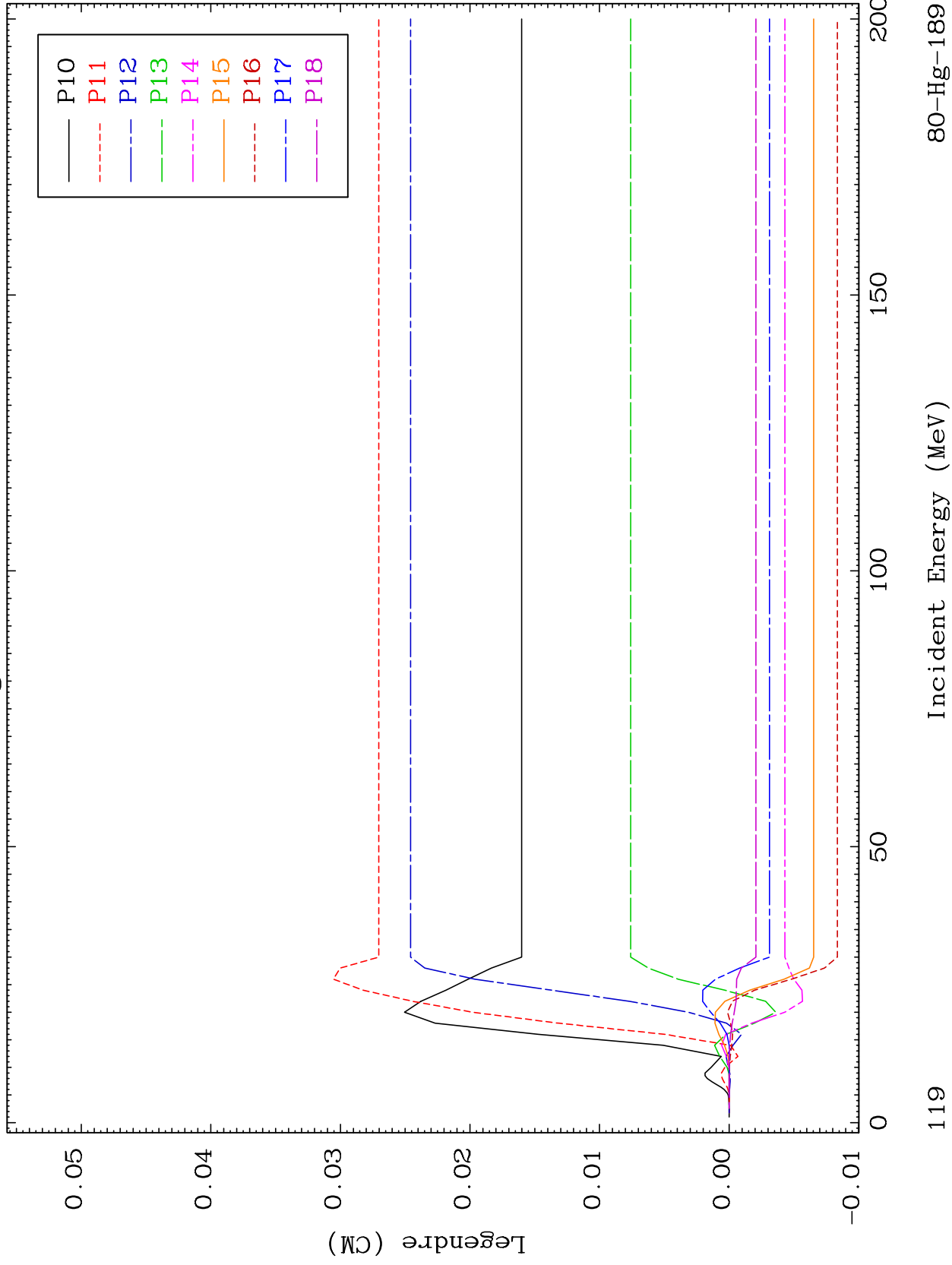




MAT 8004

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

80-Hg-189



119

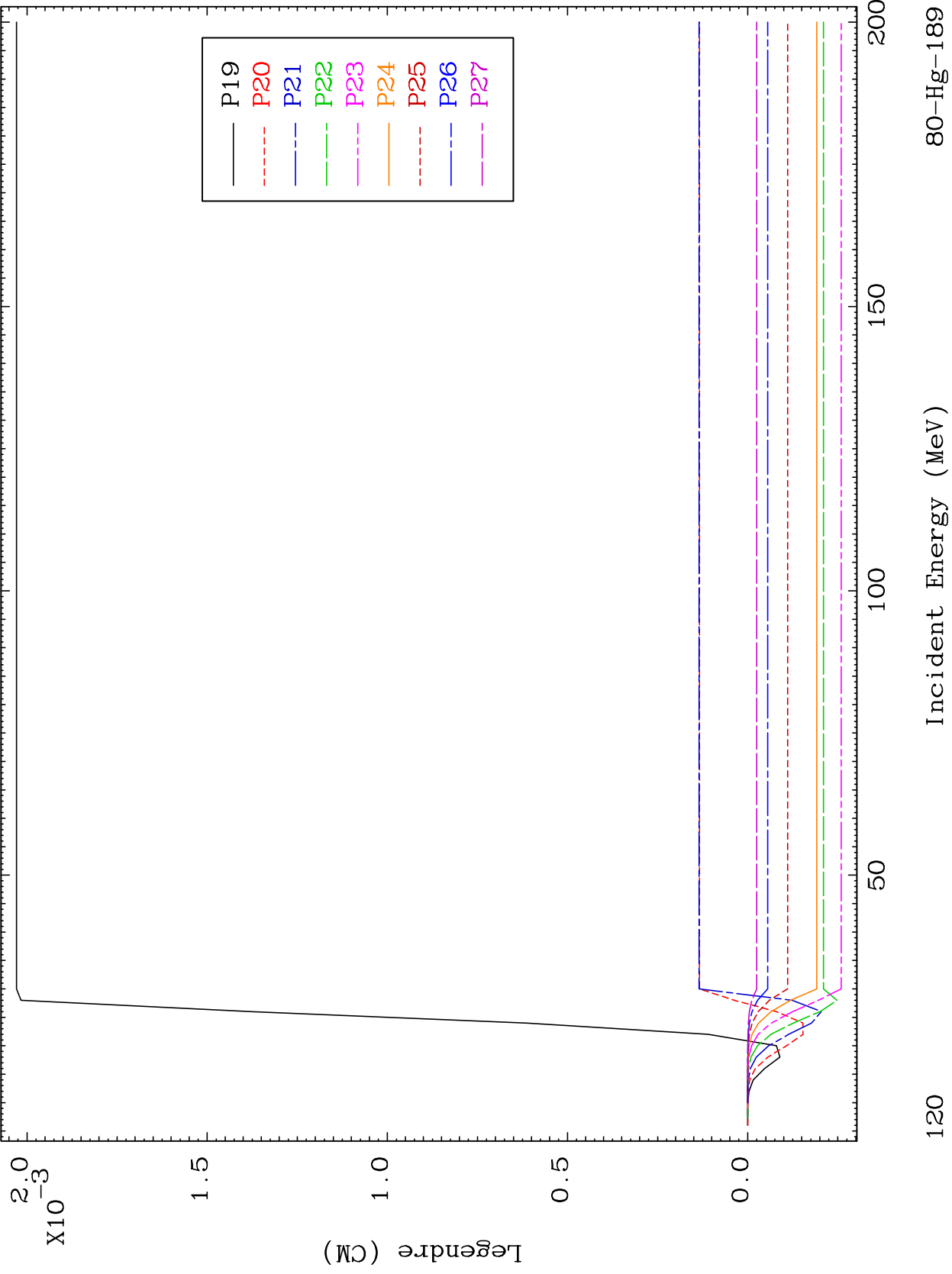
Incident Energy (MeV)

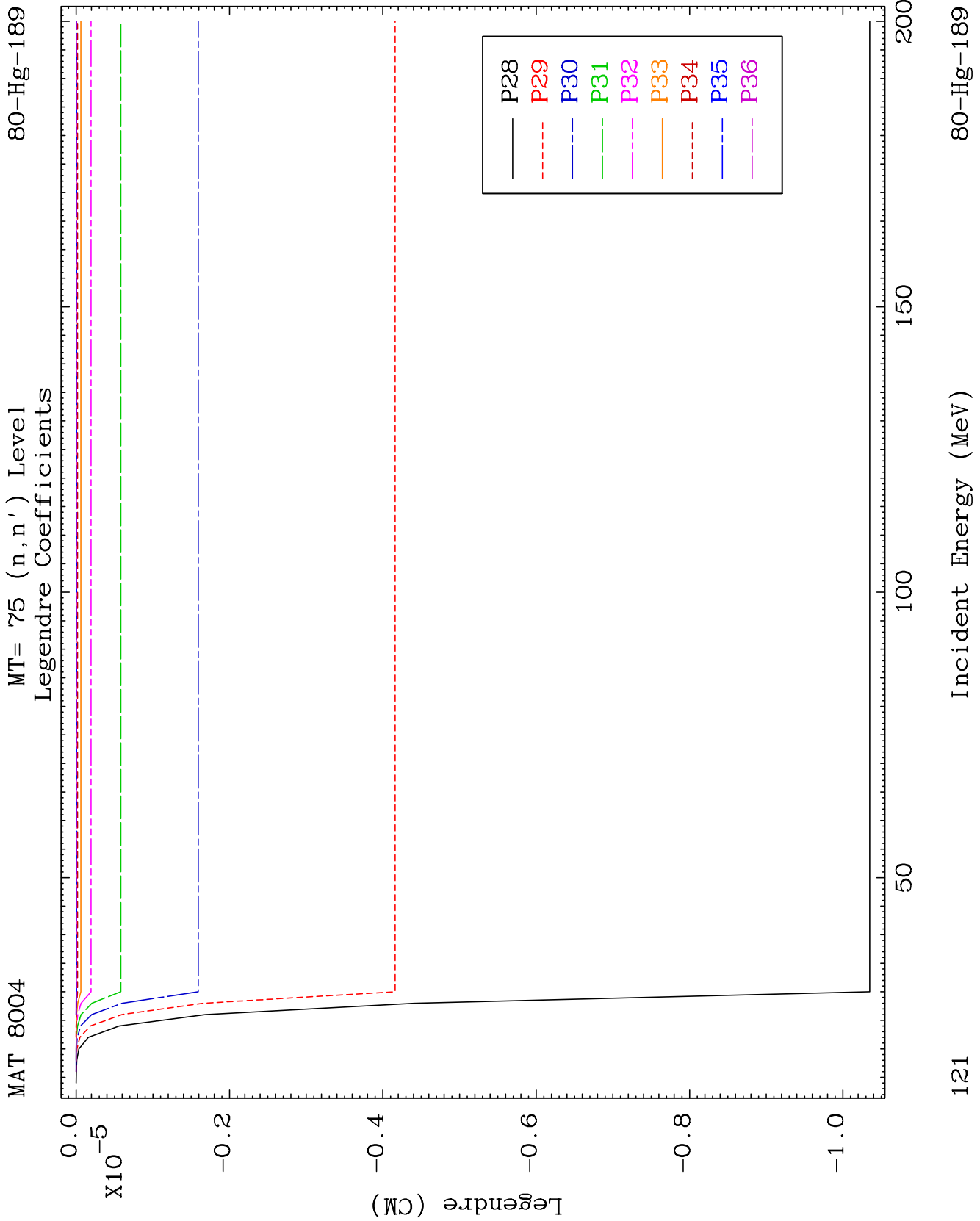
80-Hg-189

MAT 8004

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

80-Hg-189

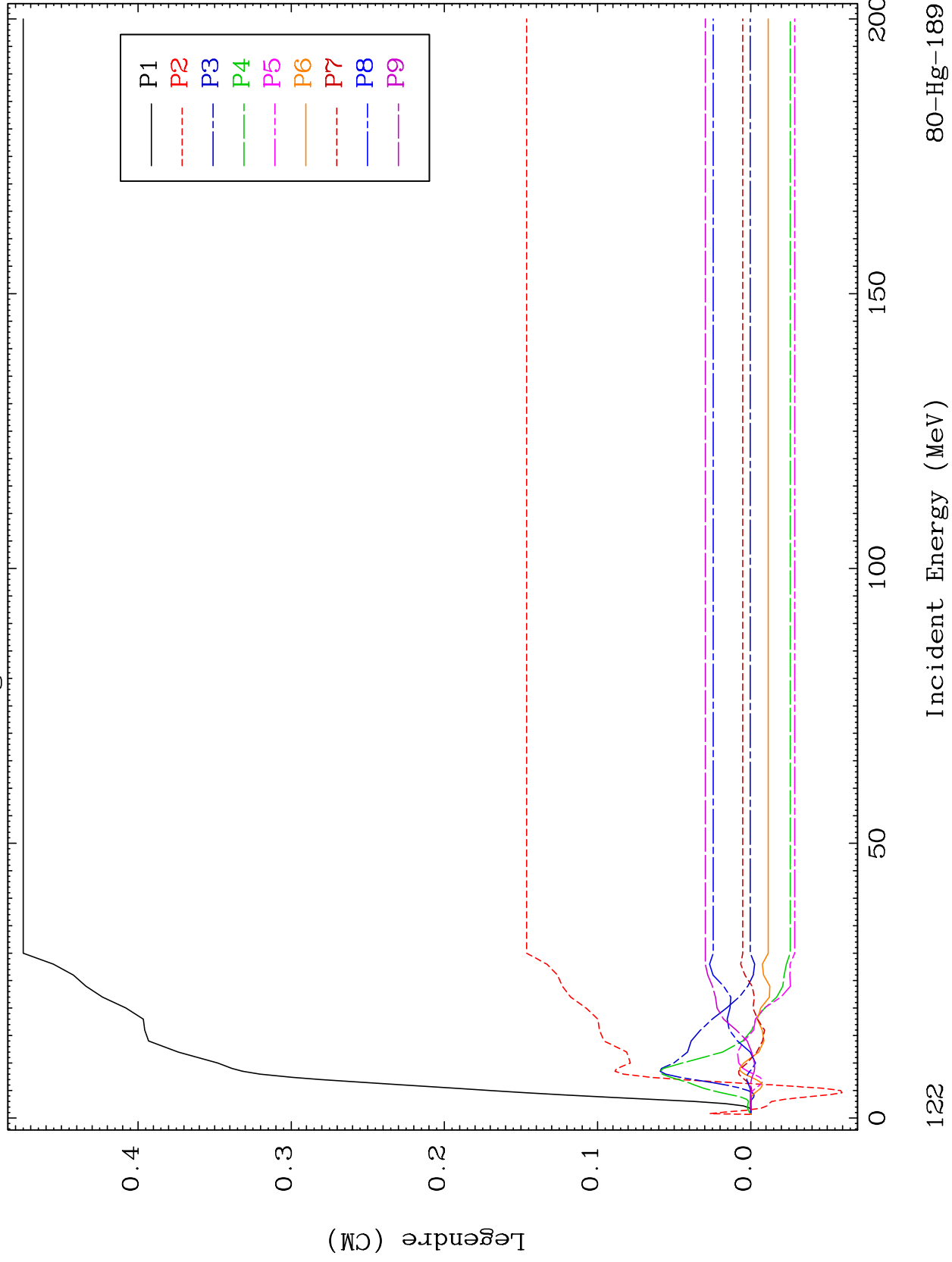




MAT 8004

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

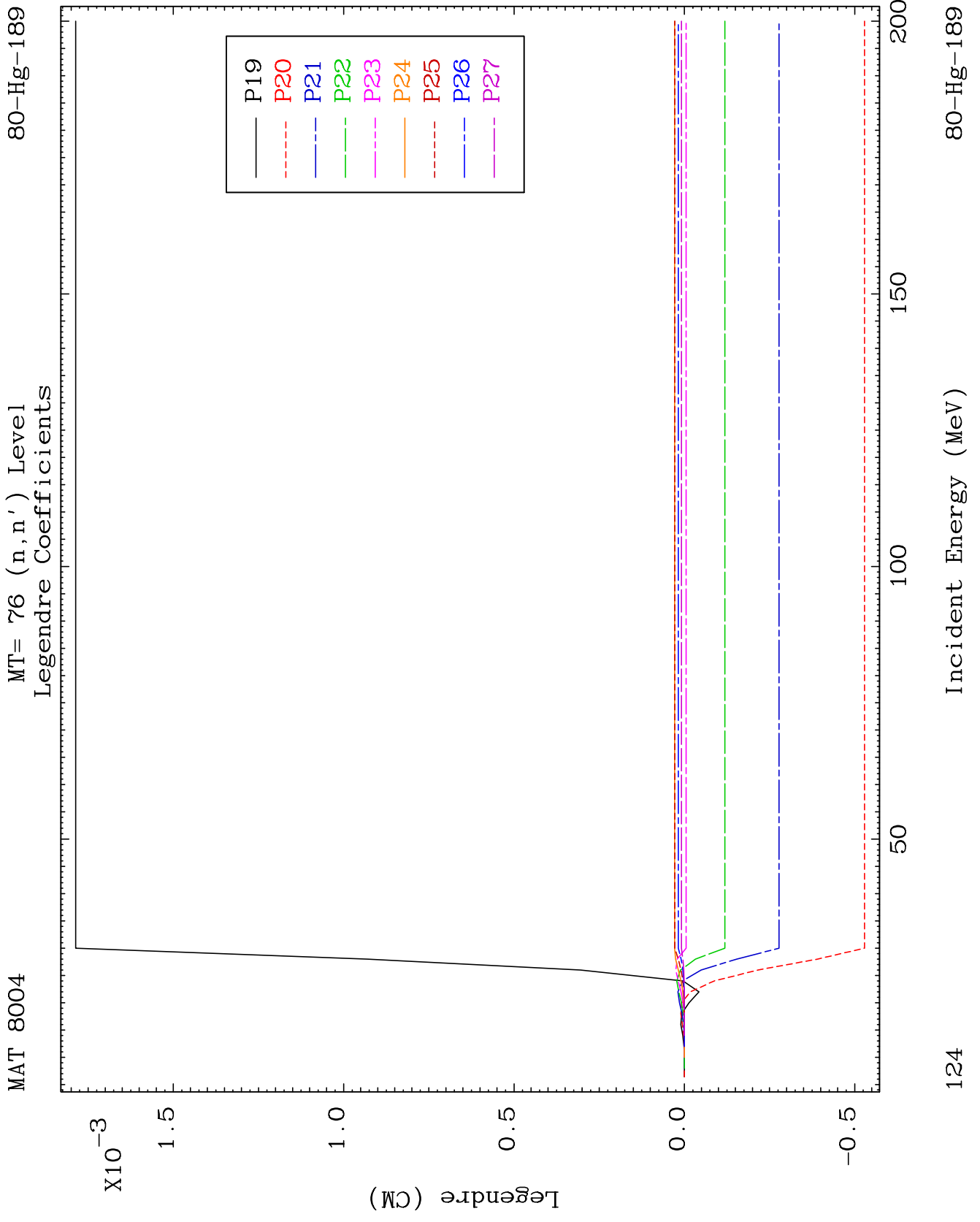
80-Hg-189



80-Hg-189

Incident Energy (MeV)

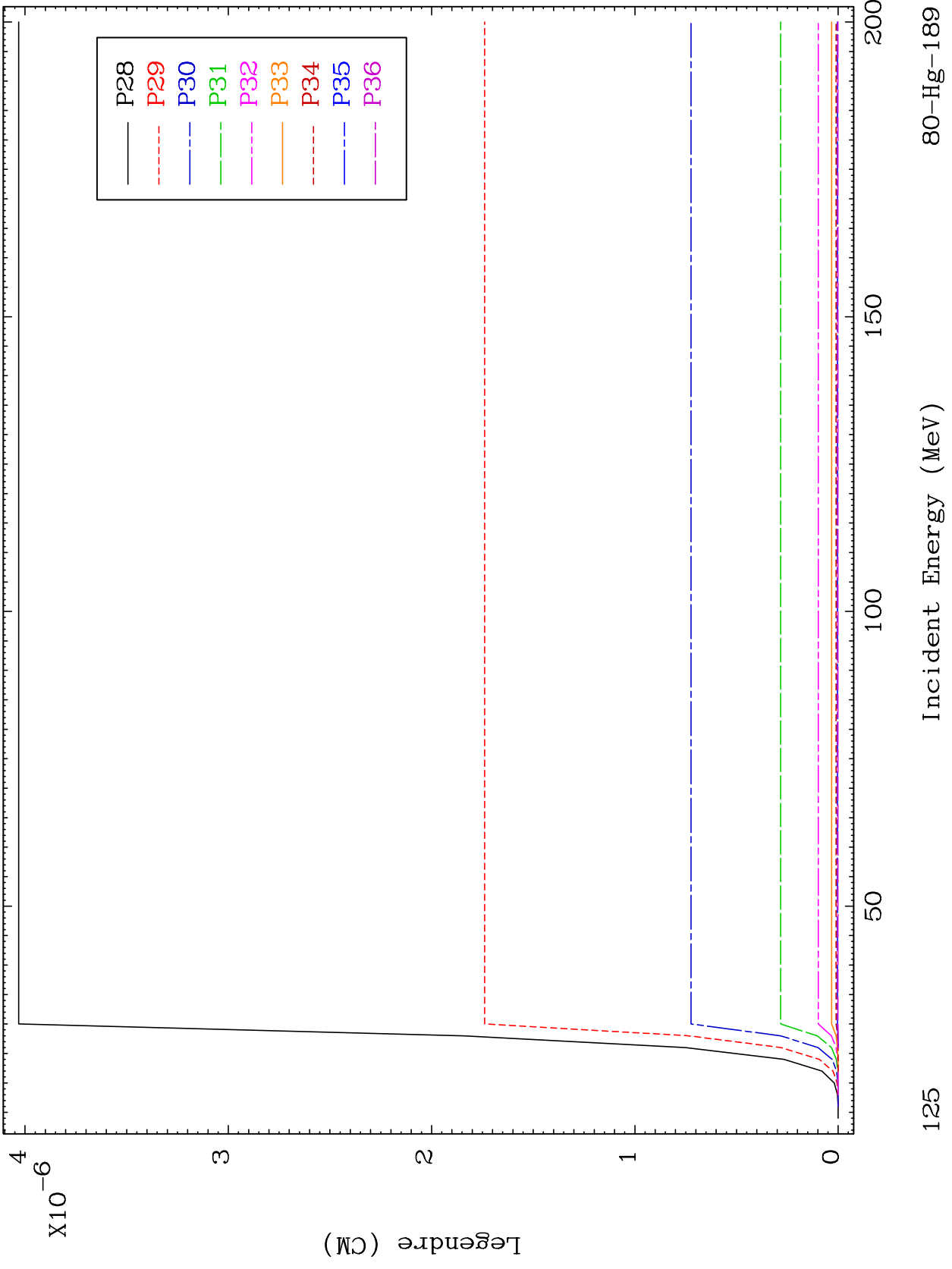
122

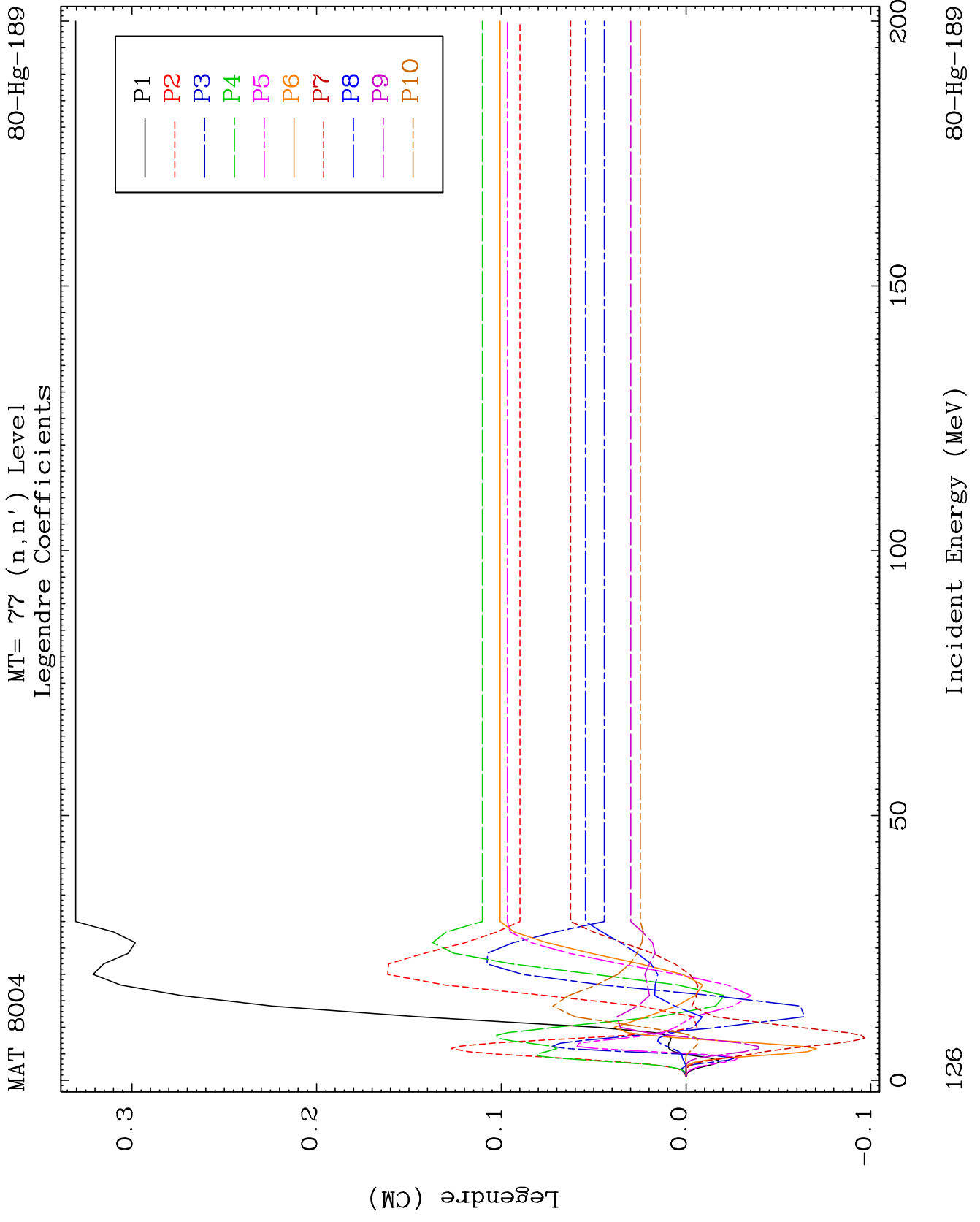


MAT 8004

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

80-Hg-189

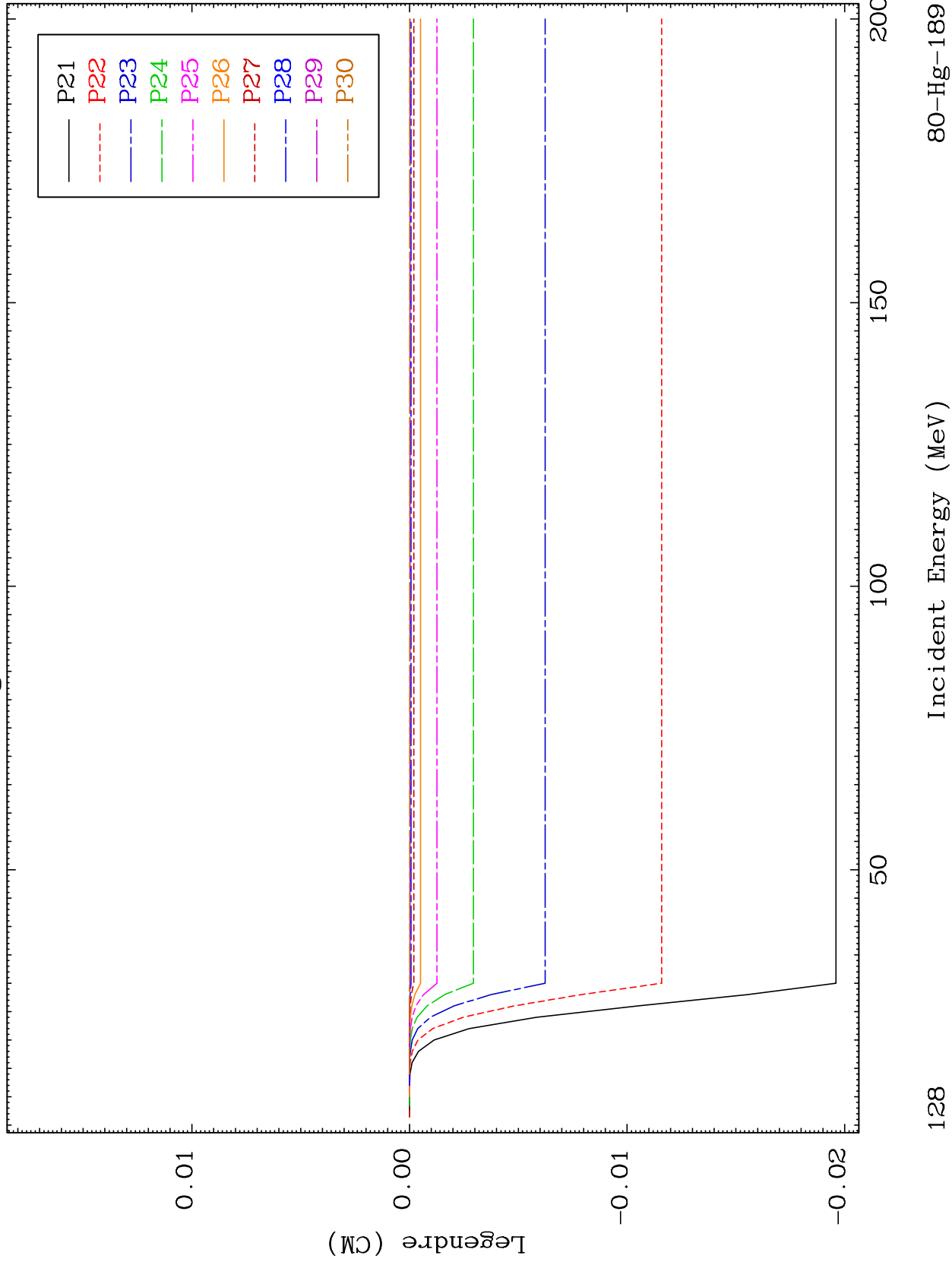




MAT 8004

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

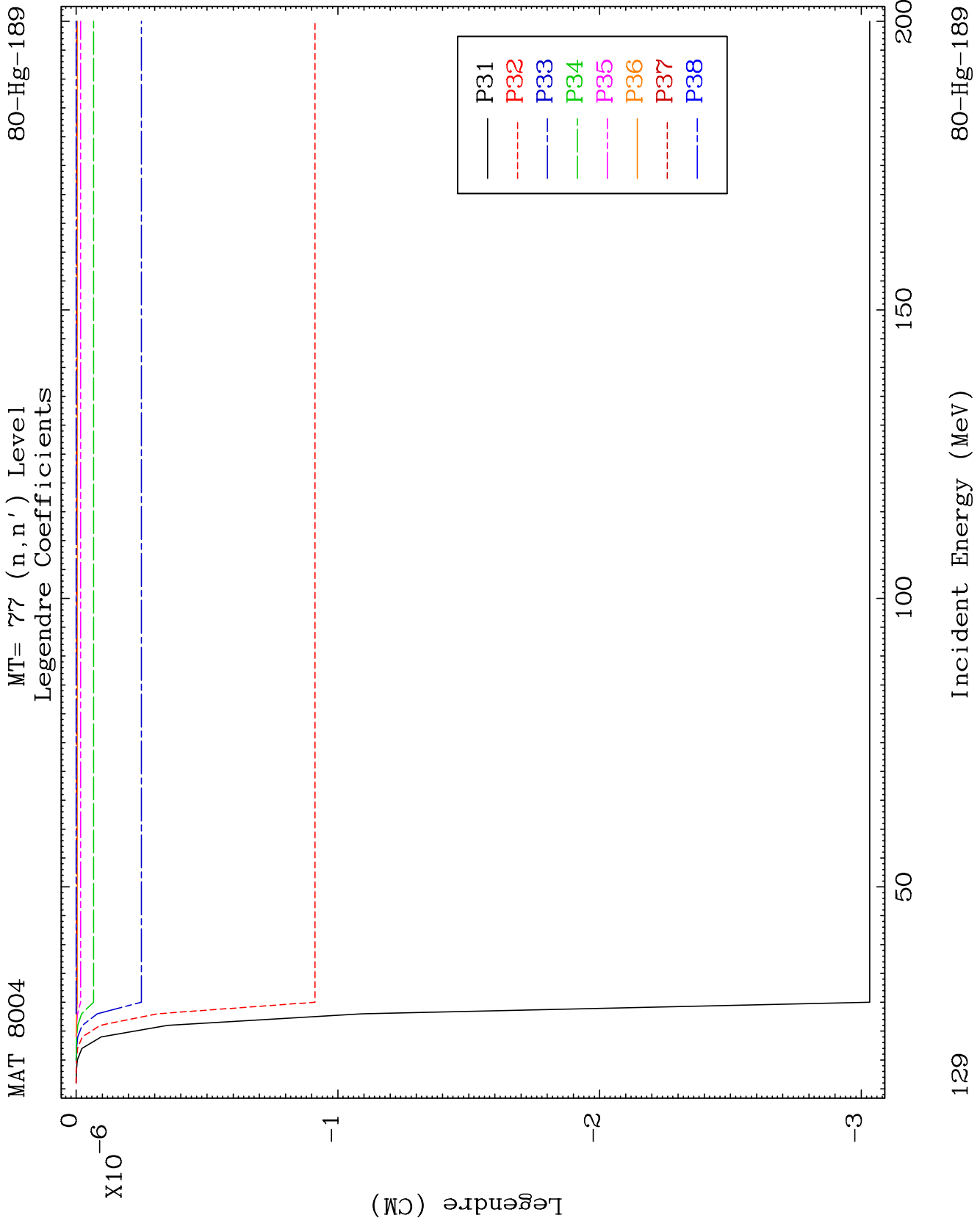
80-Hg-189

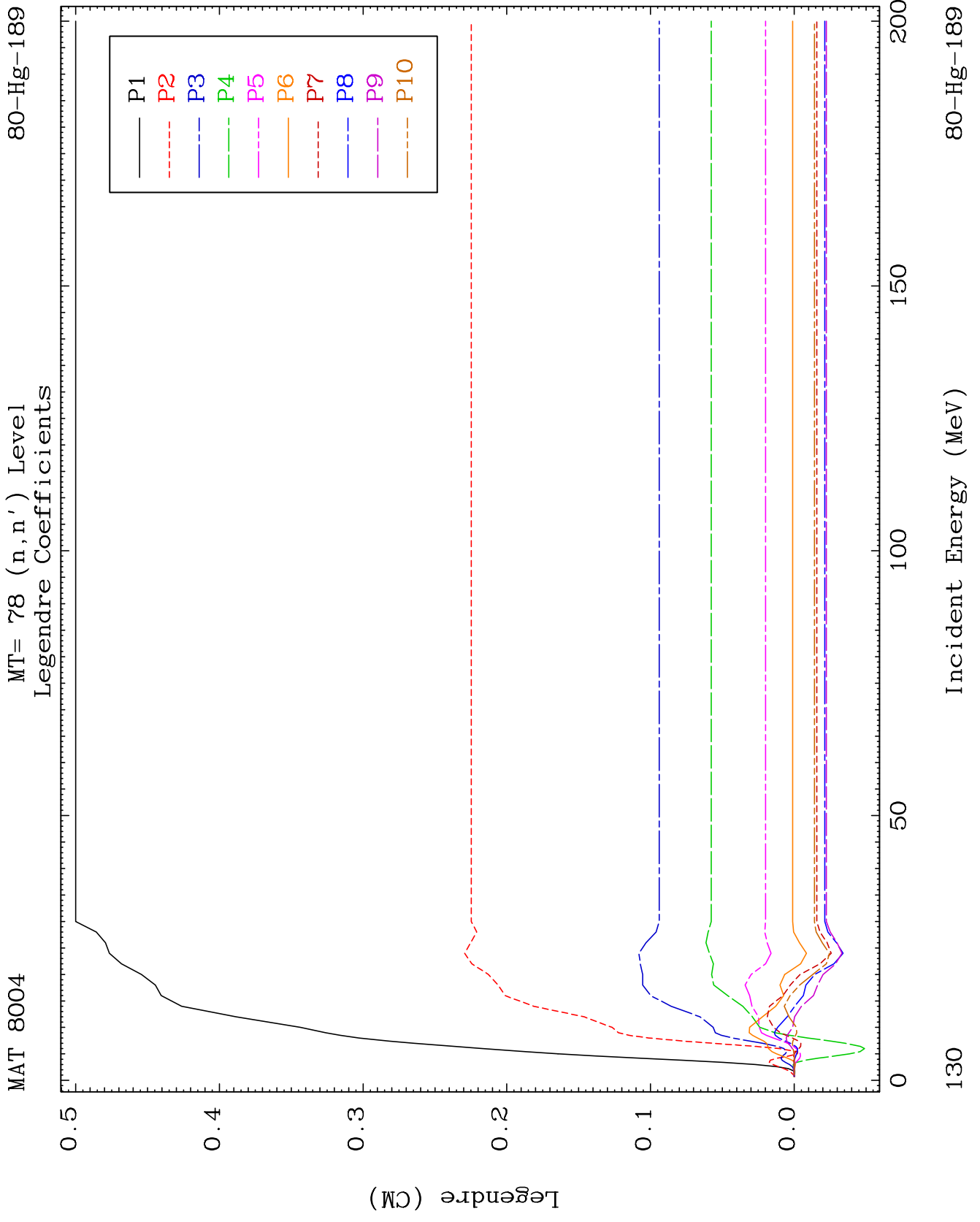


128

Incident Energy (MeV)

80-Hg-189

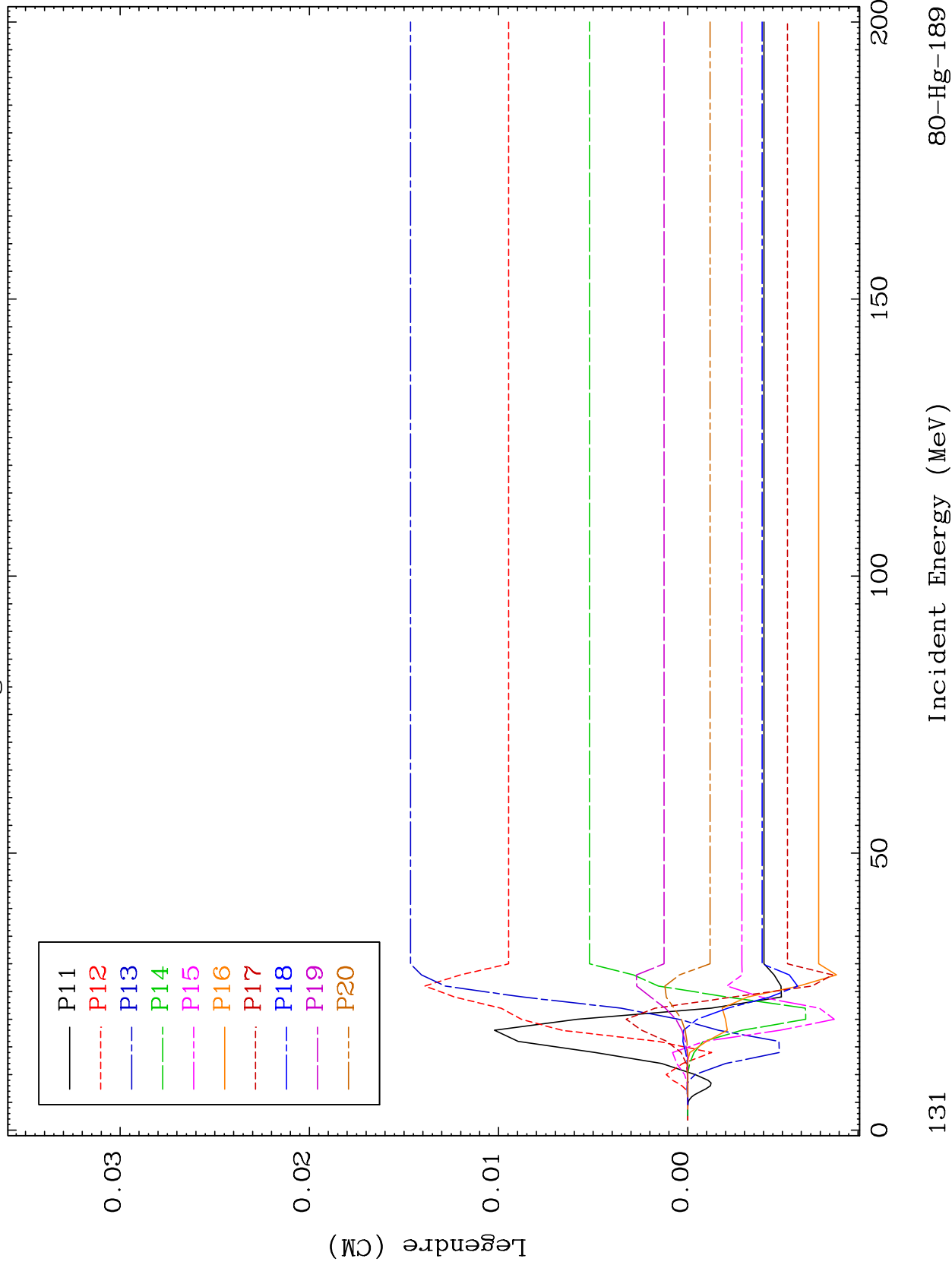




MAT 8004

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

80-Hg-189



131

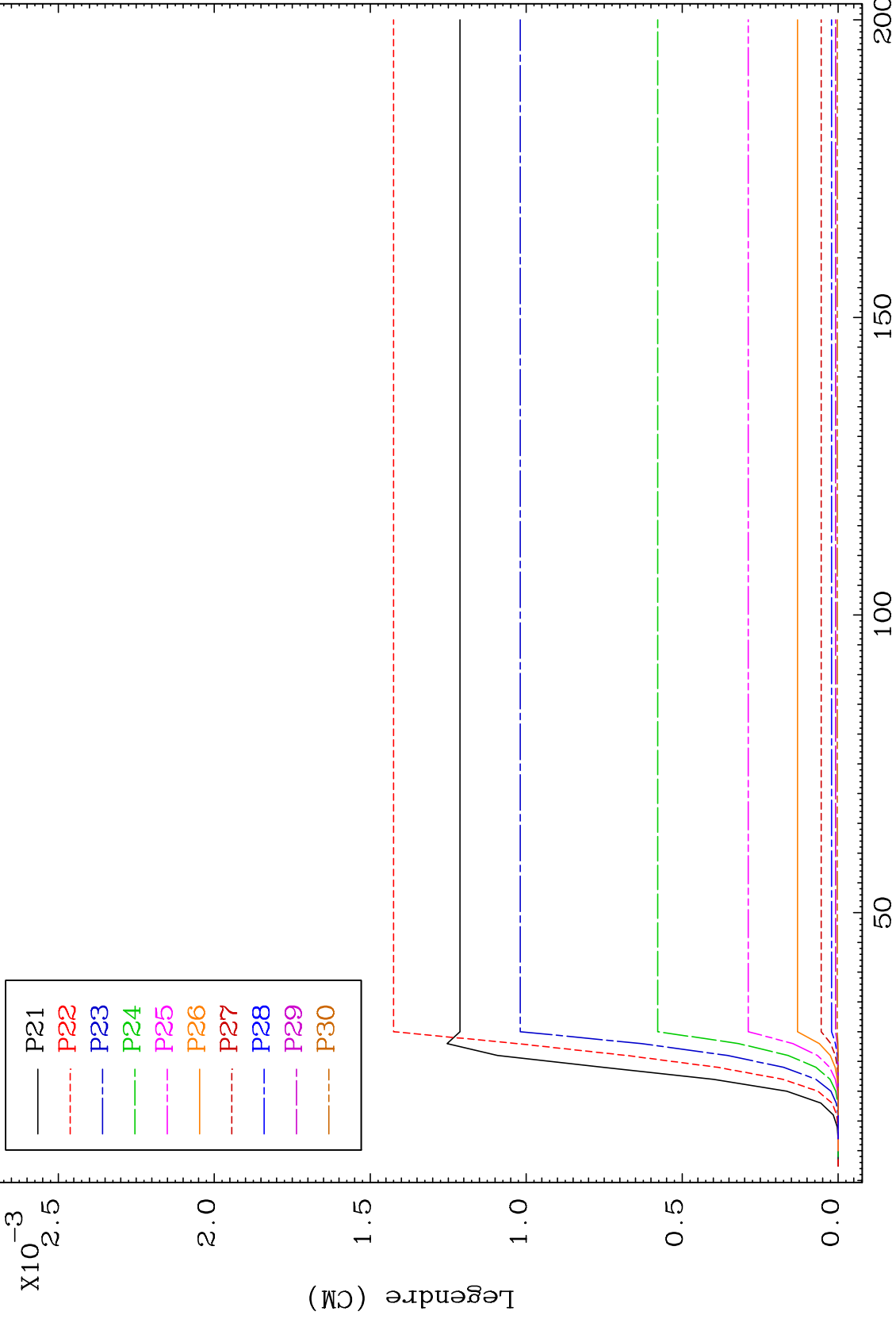
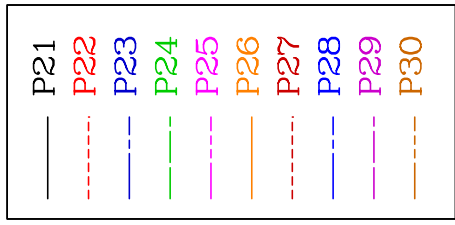
Incident Energy (MeV)

80-Hg-189

MAT 8004

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

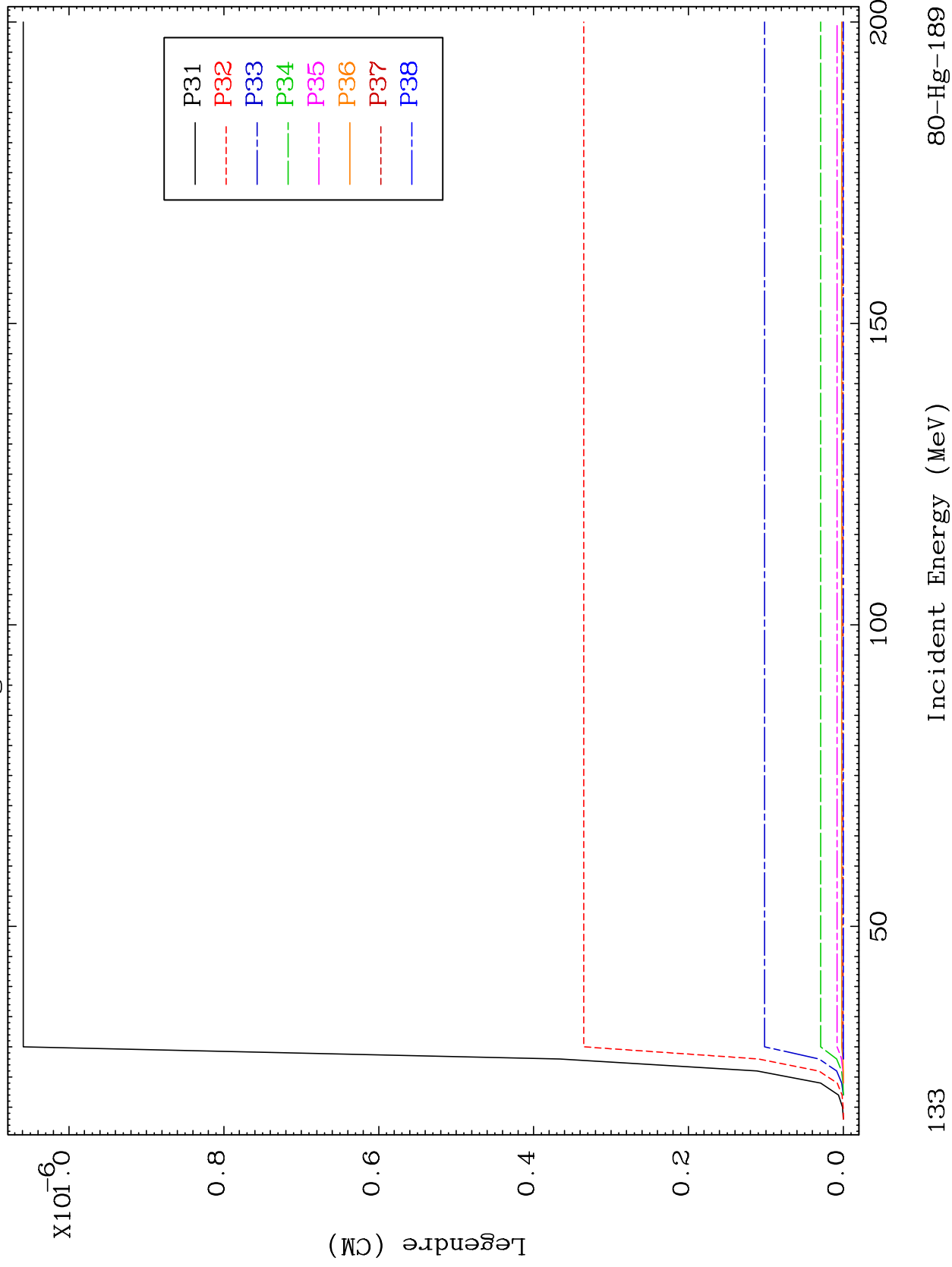
80-Hg-189



MAT 8004

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

80-Hg-189



133

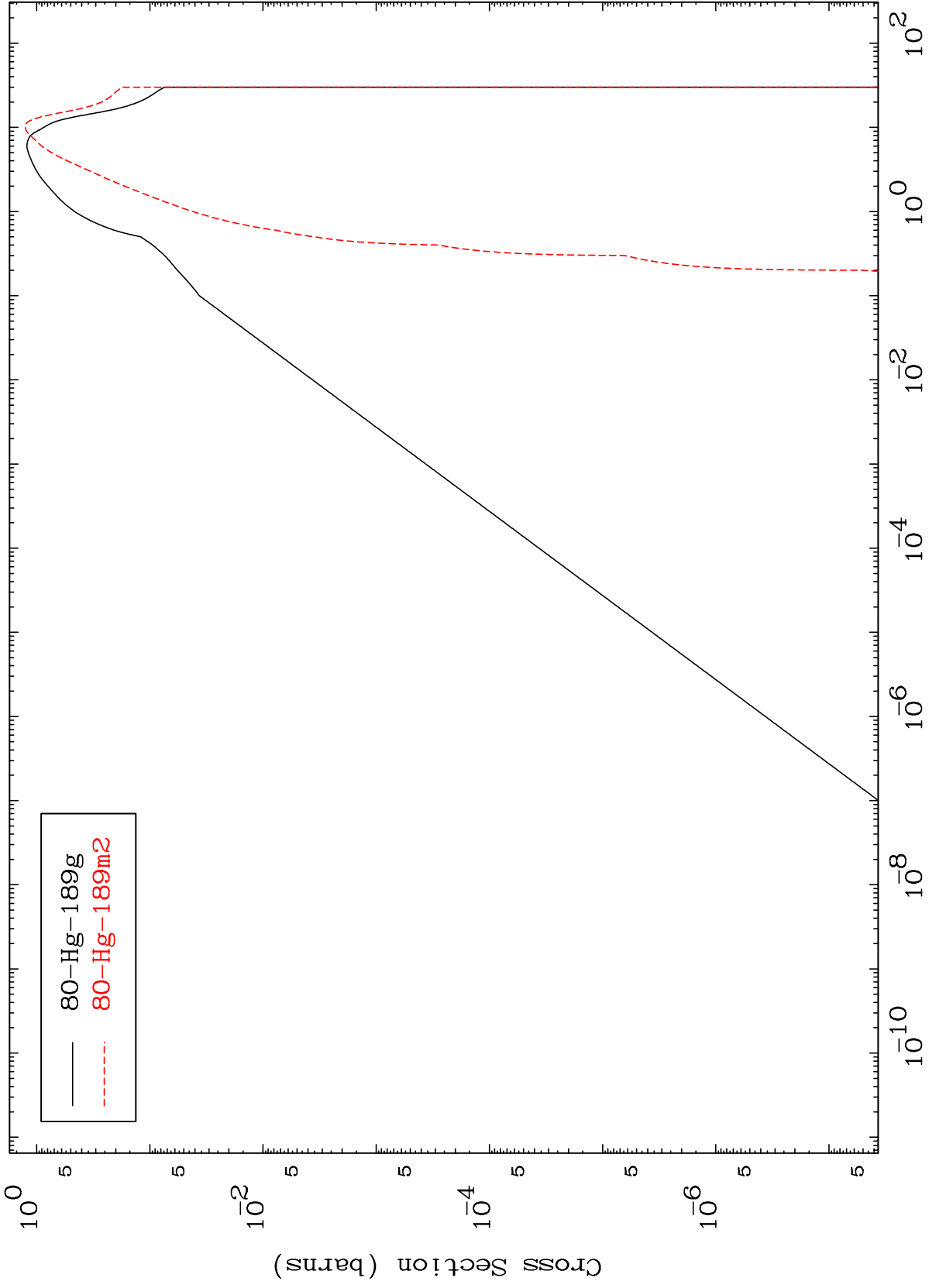
Incident Energy (MeV)

80-Hg-189

MAT 8004

Inelastic
Radionuclide Production Cross Section

80-Hg-189



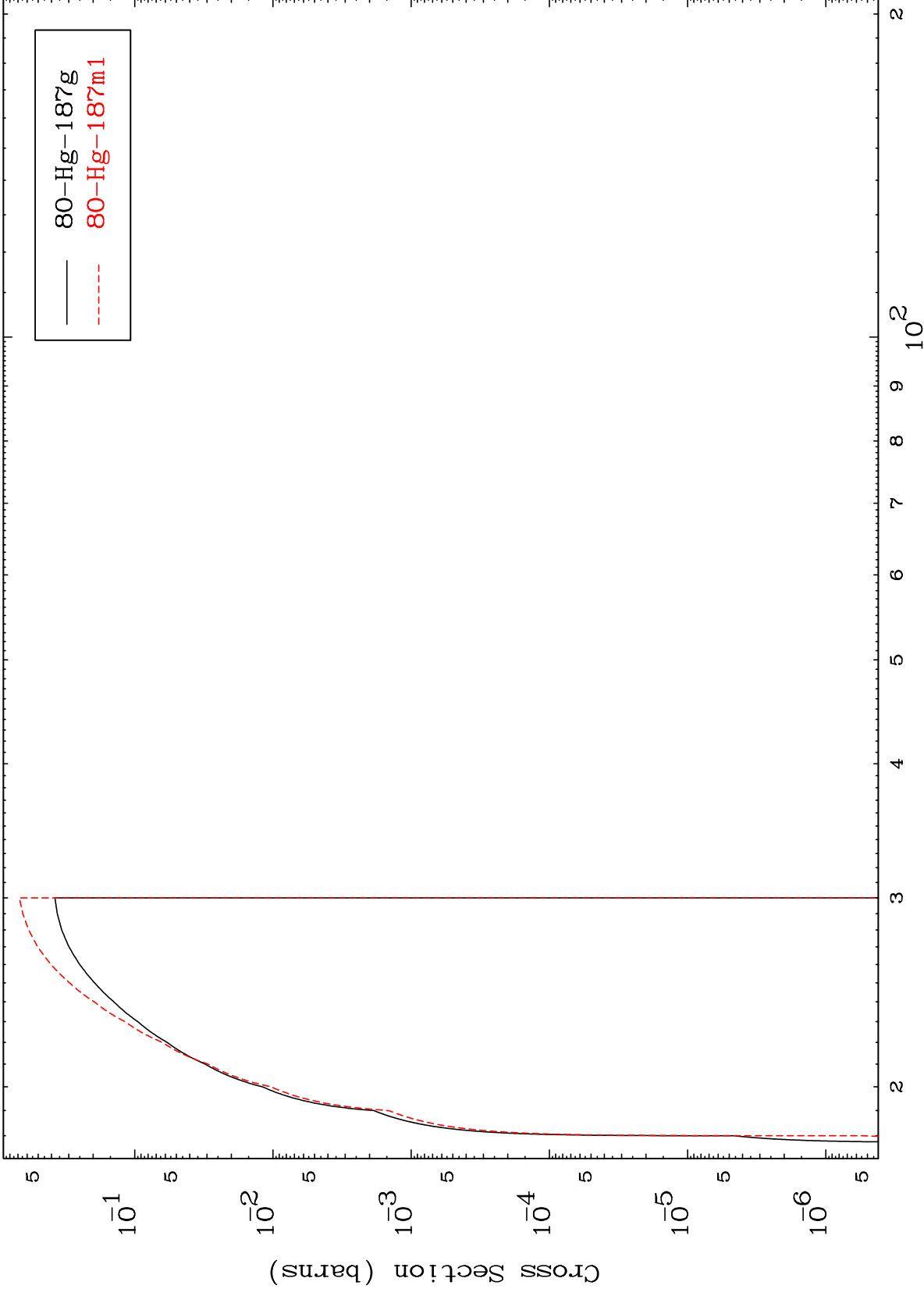
80-Hg-189g
80-Hg-189m2

MAT 8004

(n,3n)

80-Hg-189

Radionuclide Production Cross Section



135

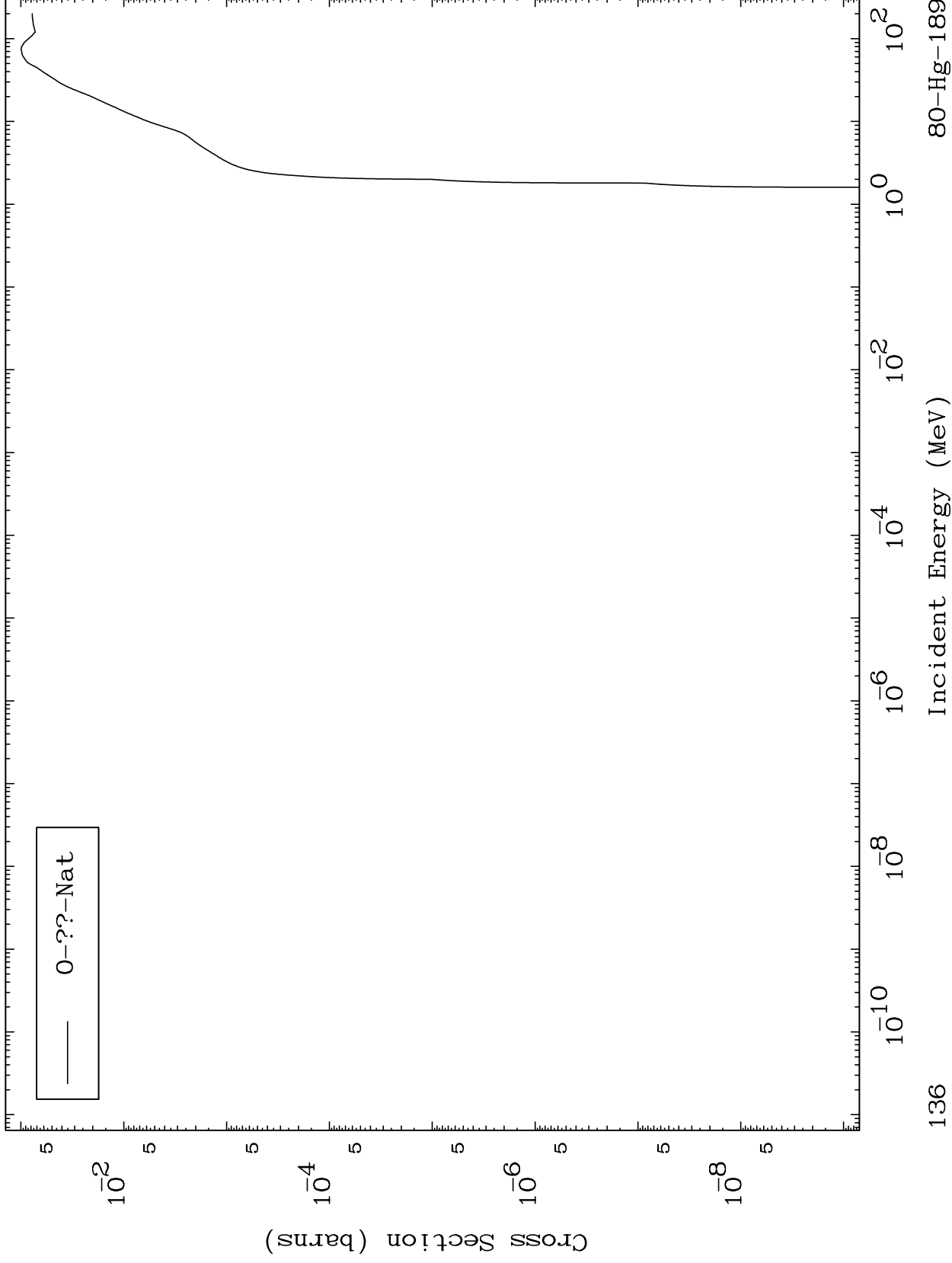
Incident Energy (MeV)

80-Hg-189

MAT 8004

Fission
Radionuclide Production Cross Section

80-Hg-189

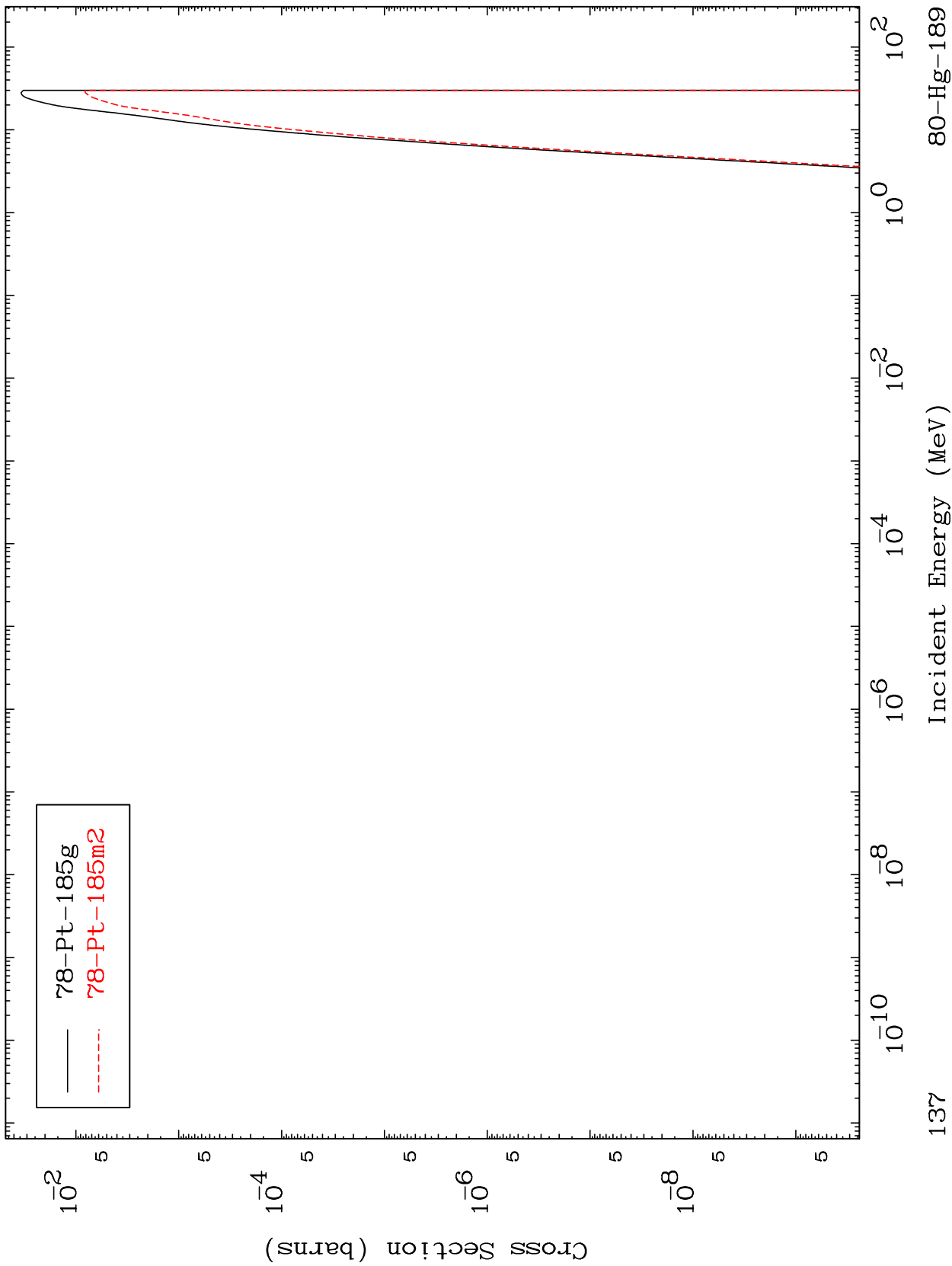


MAT 8004

$(n, n') \alpha$

80-Hg-189

Radionuclide Production Cross Section



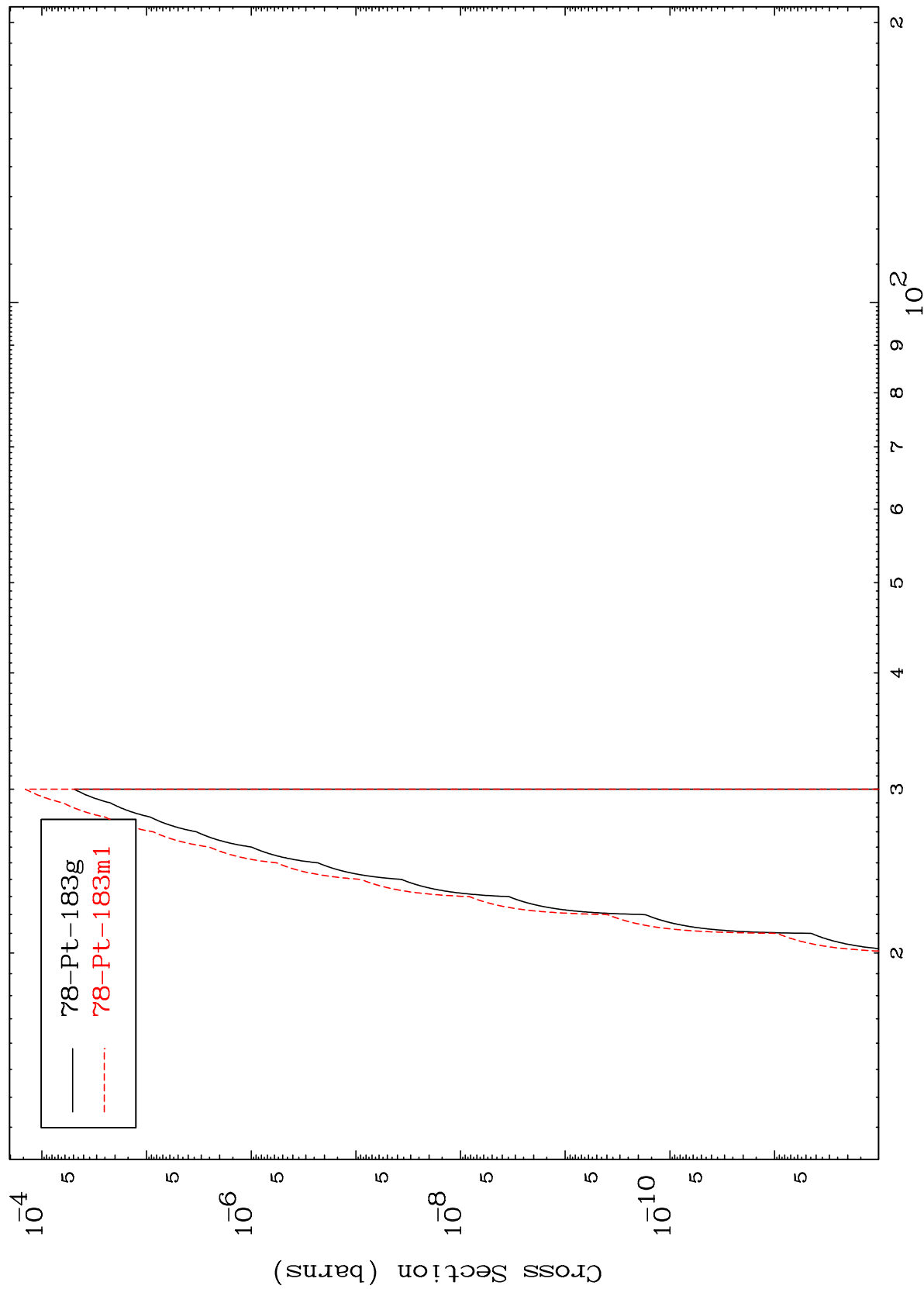
78-Pt-185g
78-Pt-185m2

MAT 8004

$(n,3n) \alpha$

80-Hg-189

Radionuclide Production Cross Section



138

Incident Energy (MeV)

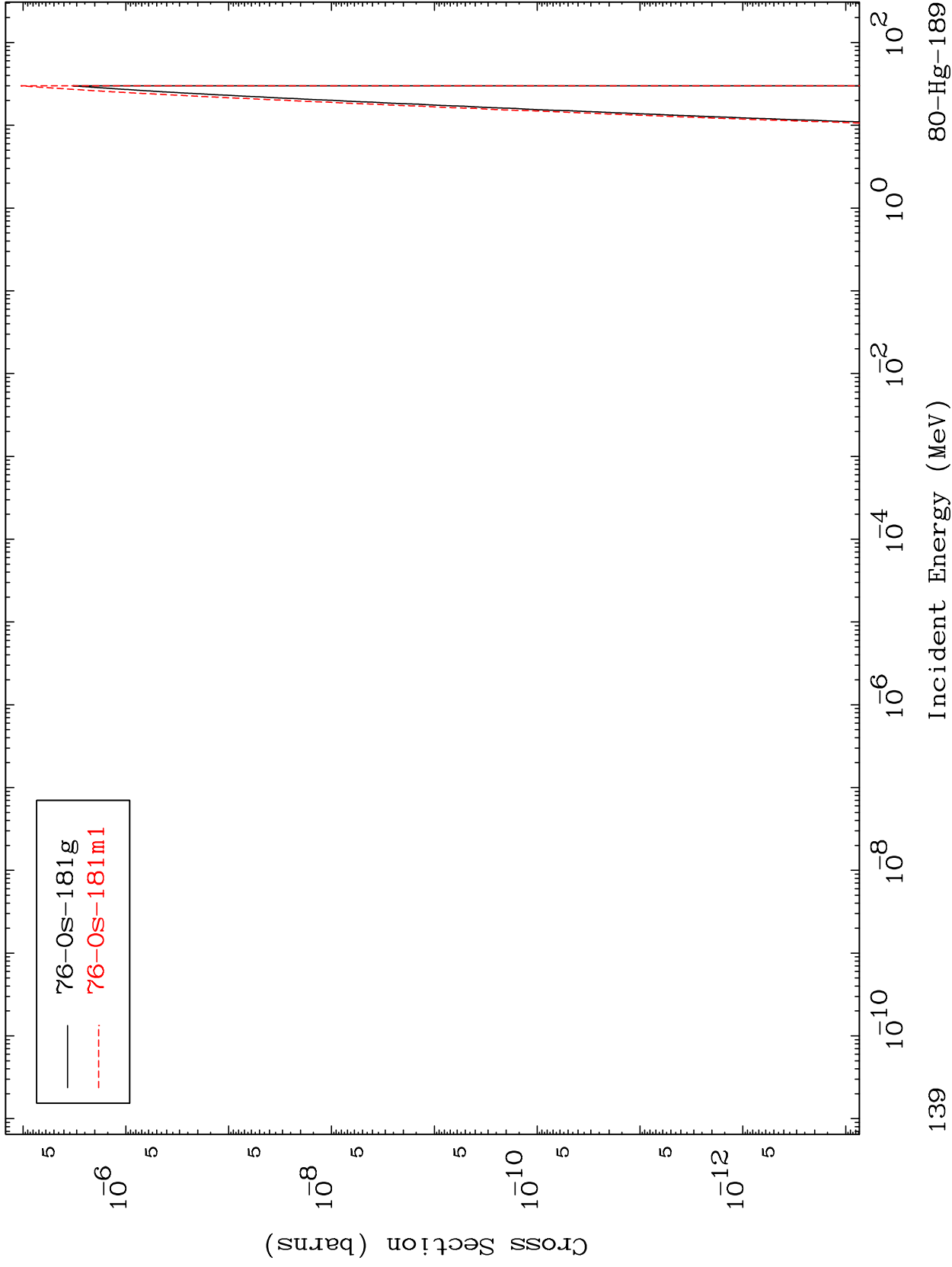
80-Hg-189

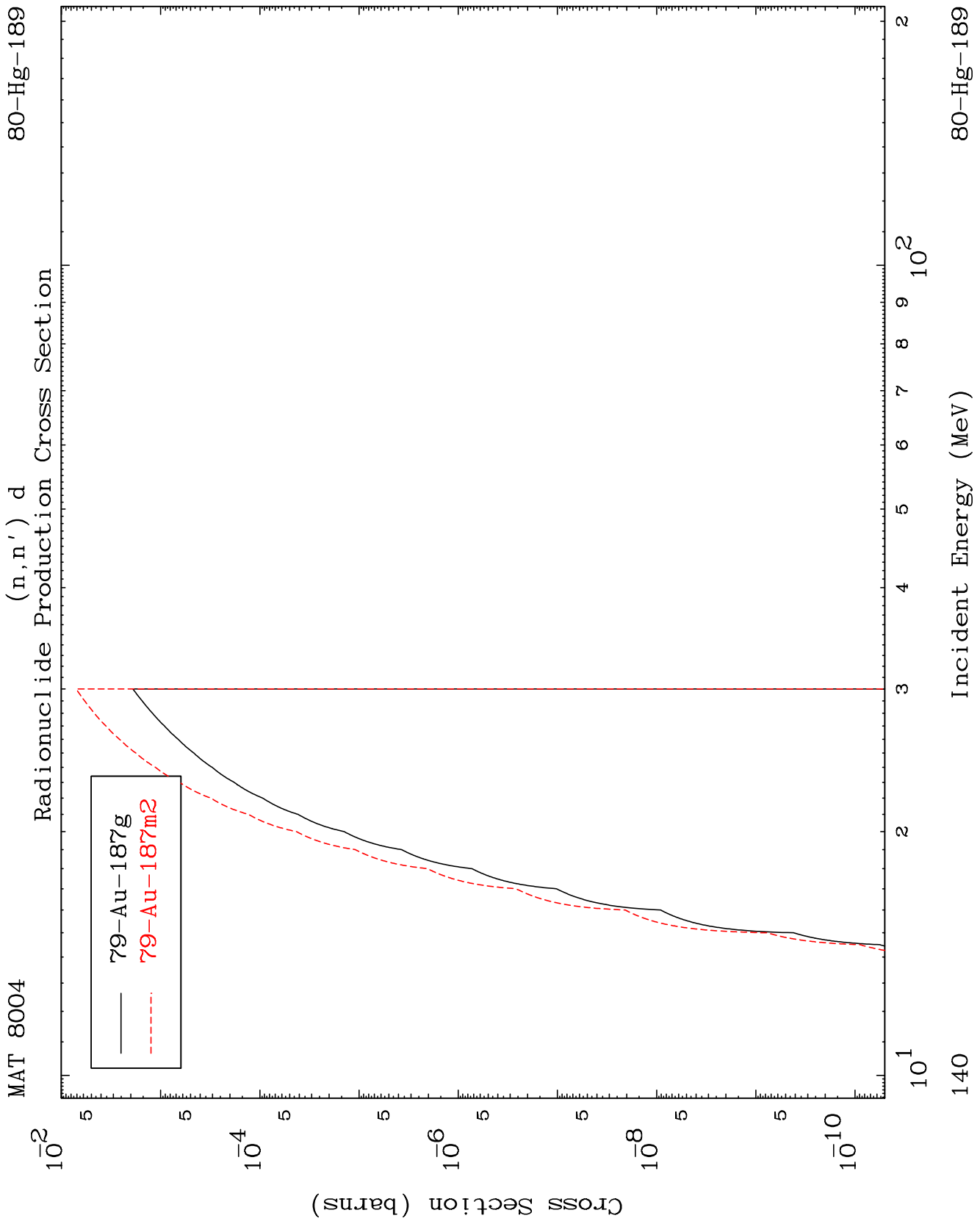
MAT 8004

(n,n') 2 α

80-Hg-189

Radionuclide Production Cross Section



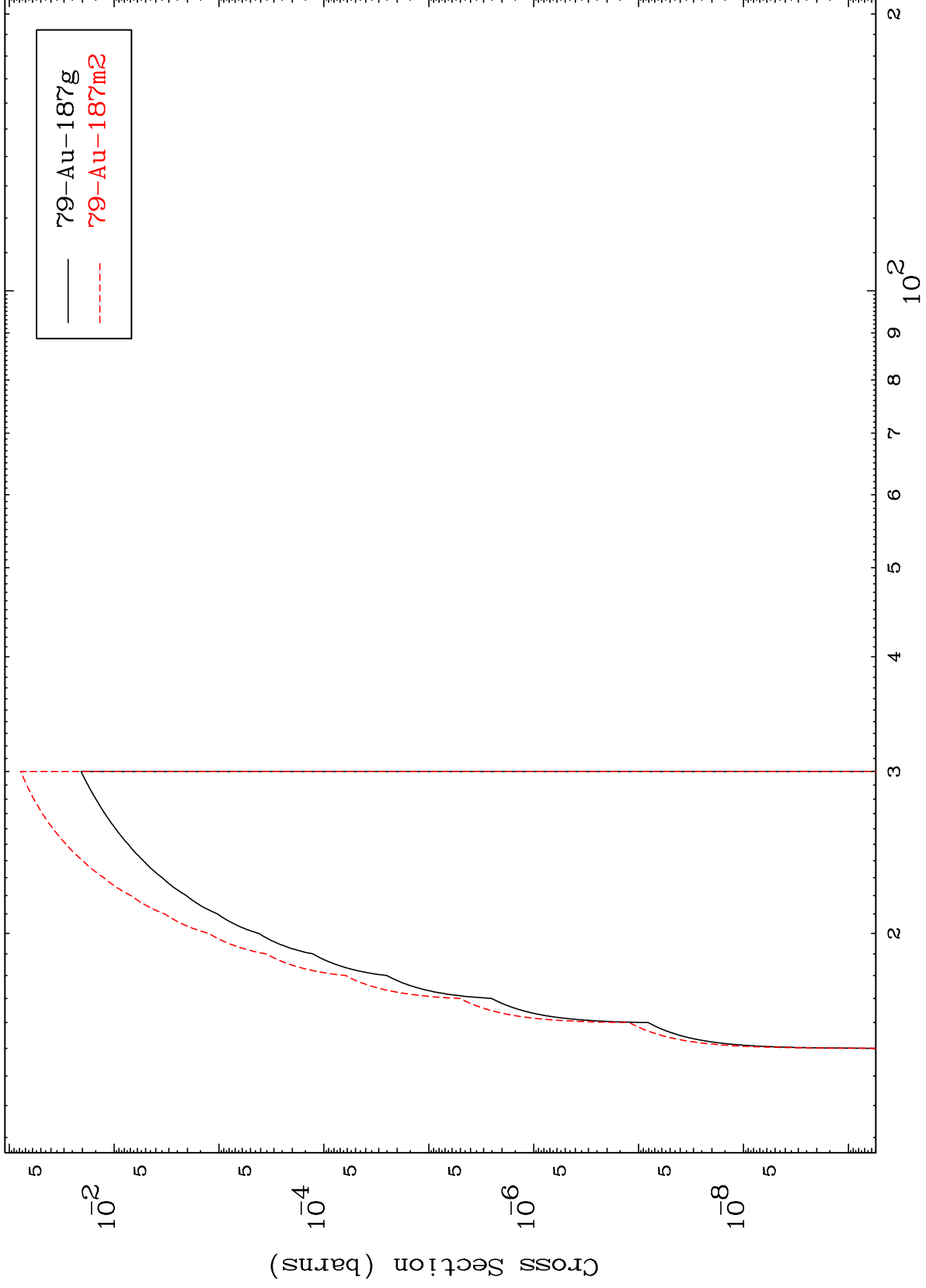


MAT 8004

(n,2n) p

80-Hg-189

Radionuclide Production Cross Section



141

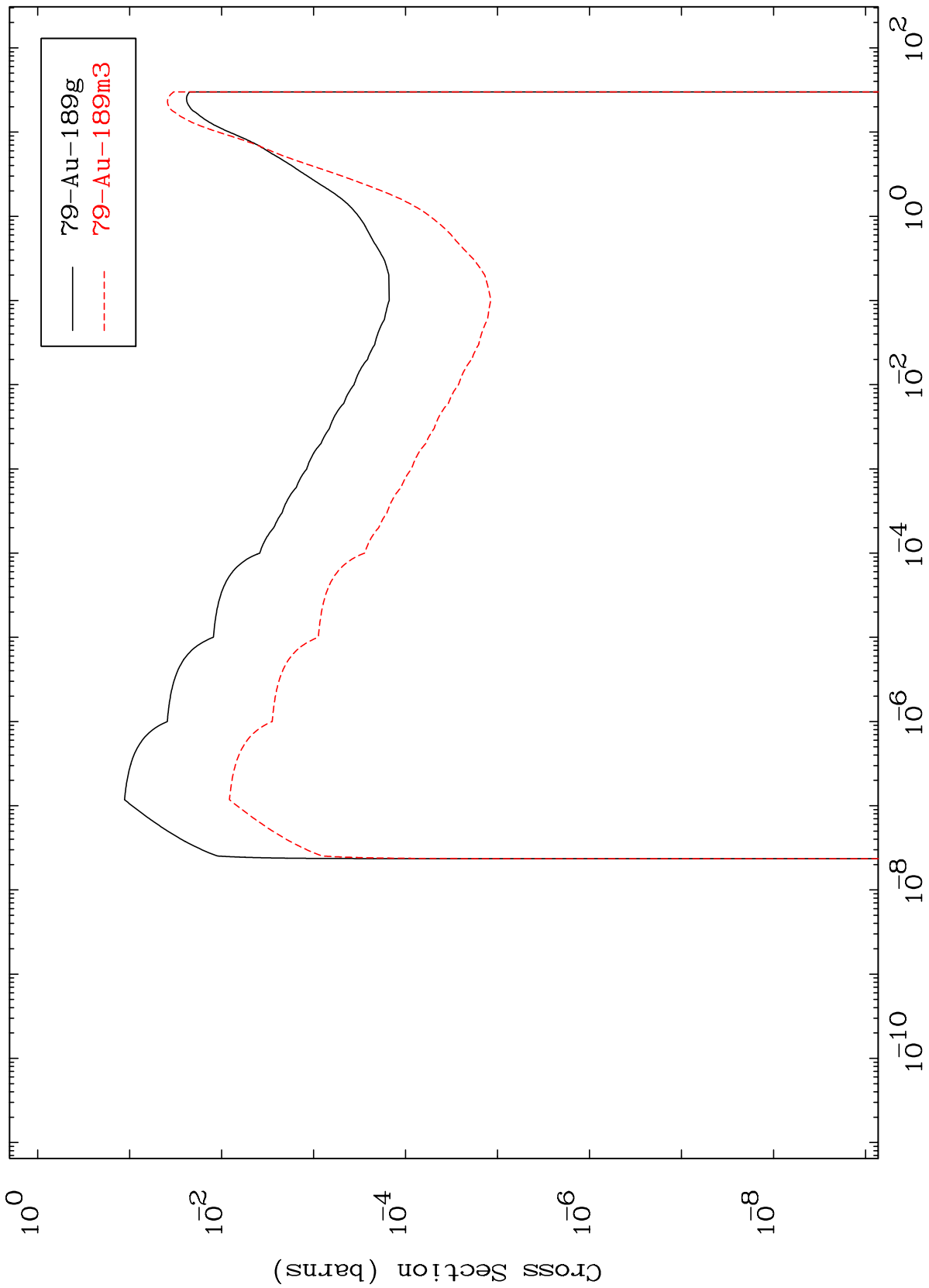
Incident Energy (MeV)

80-Hg-189

MAT 8004

80-Hg-189

(n,p)
Radionuclide Production Cross Section



— 79-Au-189g
- - - 79-Au-189m3

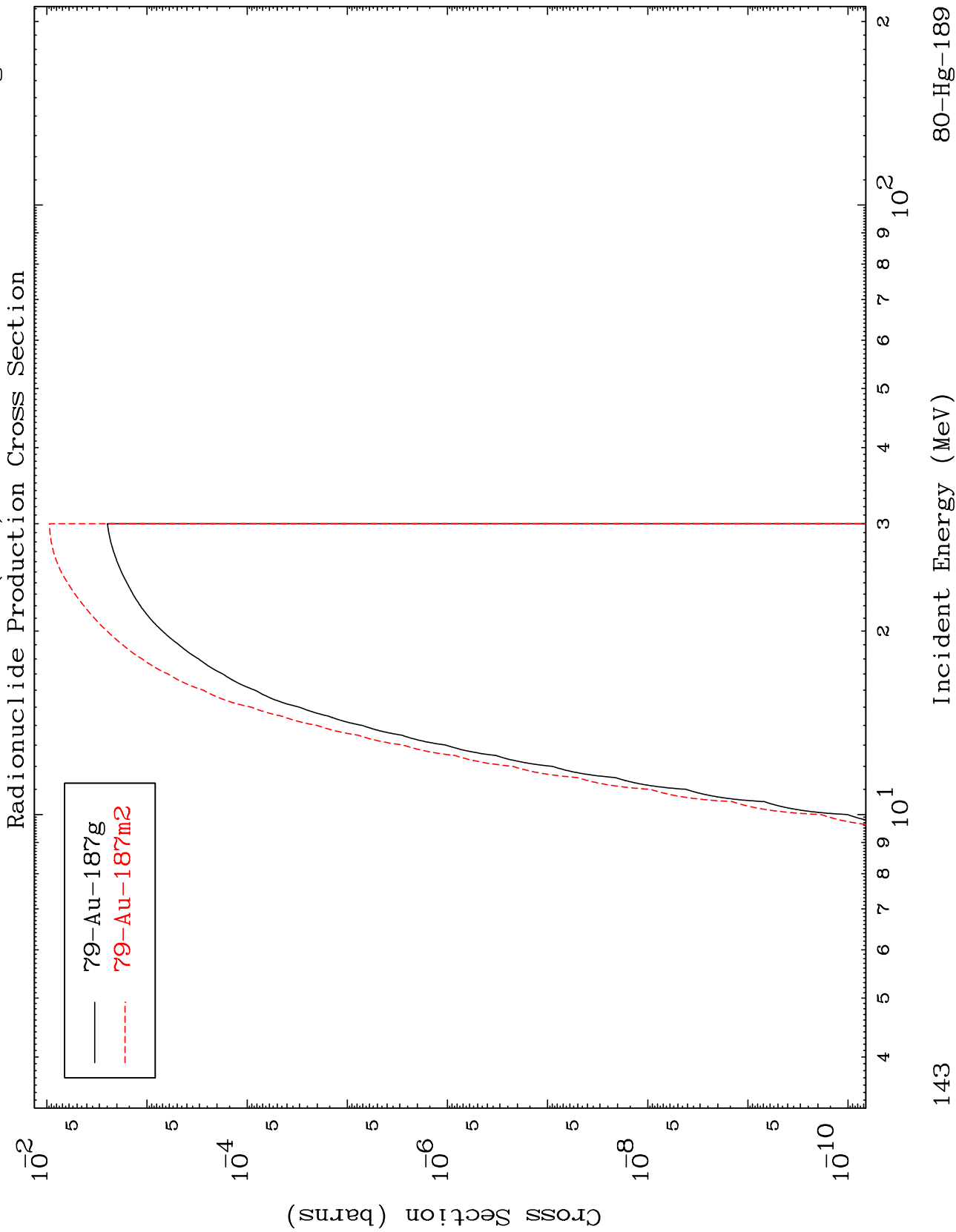
80-Hg-189

Incident Energy (MeV)

142

MAT 8004

80-Hg-189



143

80-Hg-189