

Program EVALPLOT
(Version 2021-1)

by

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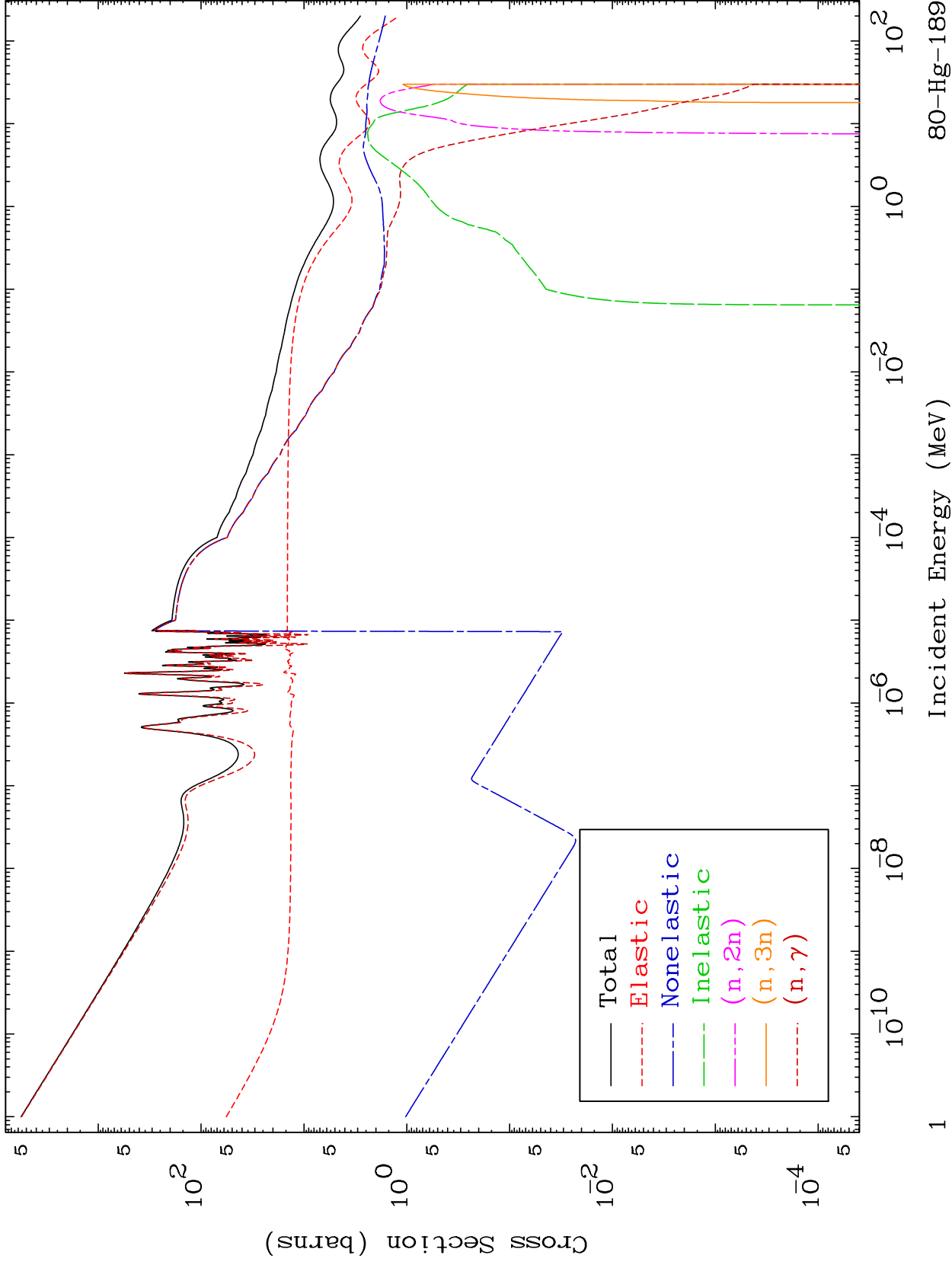
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8004

Neutron Major
293 Kelvin Cross Sections

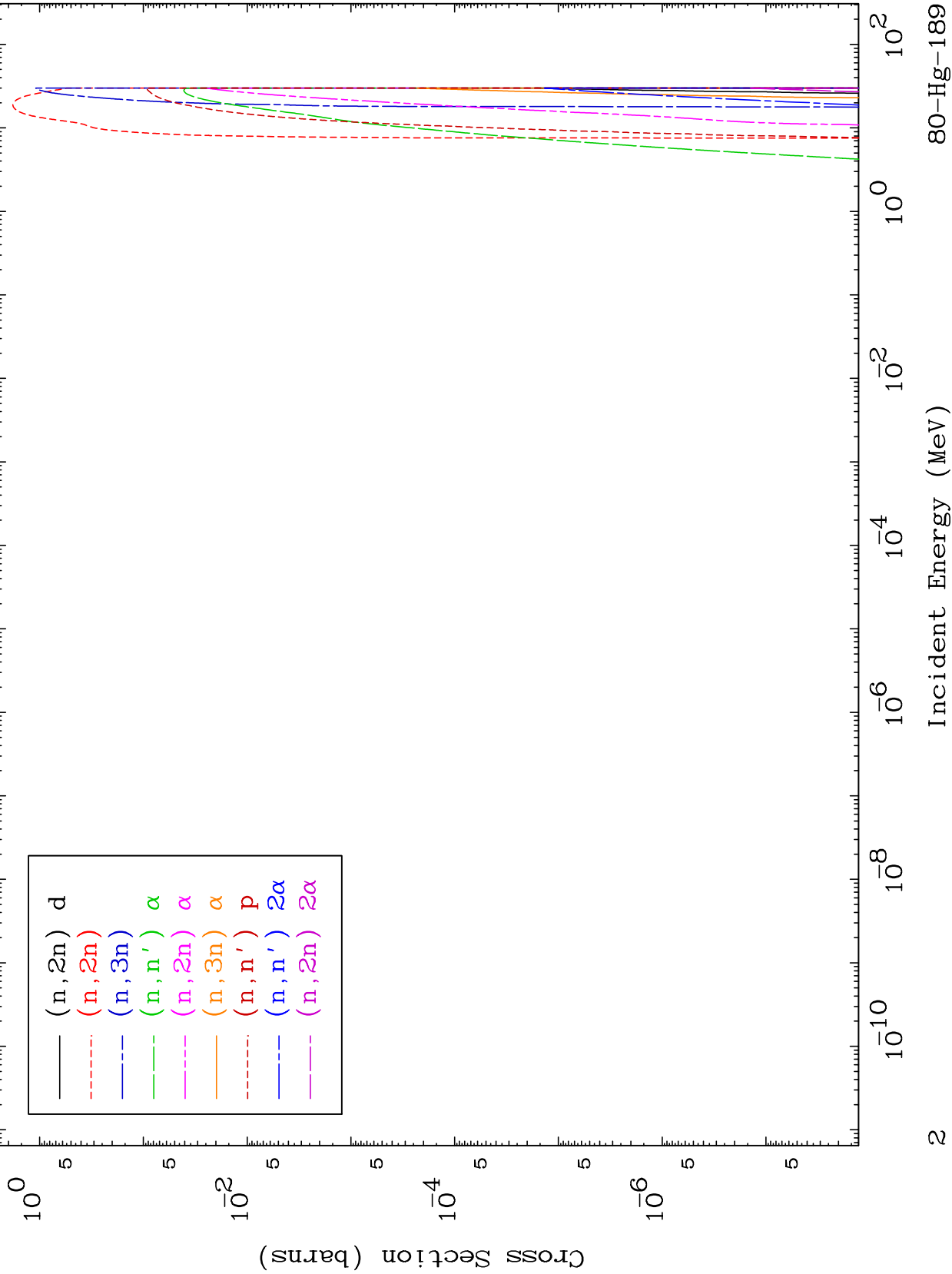
80-Hg-189



MAT 8004

Neutron Absorption
293 Kelvin Cross Sections

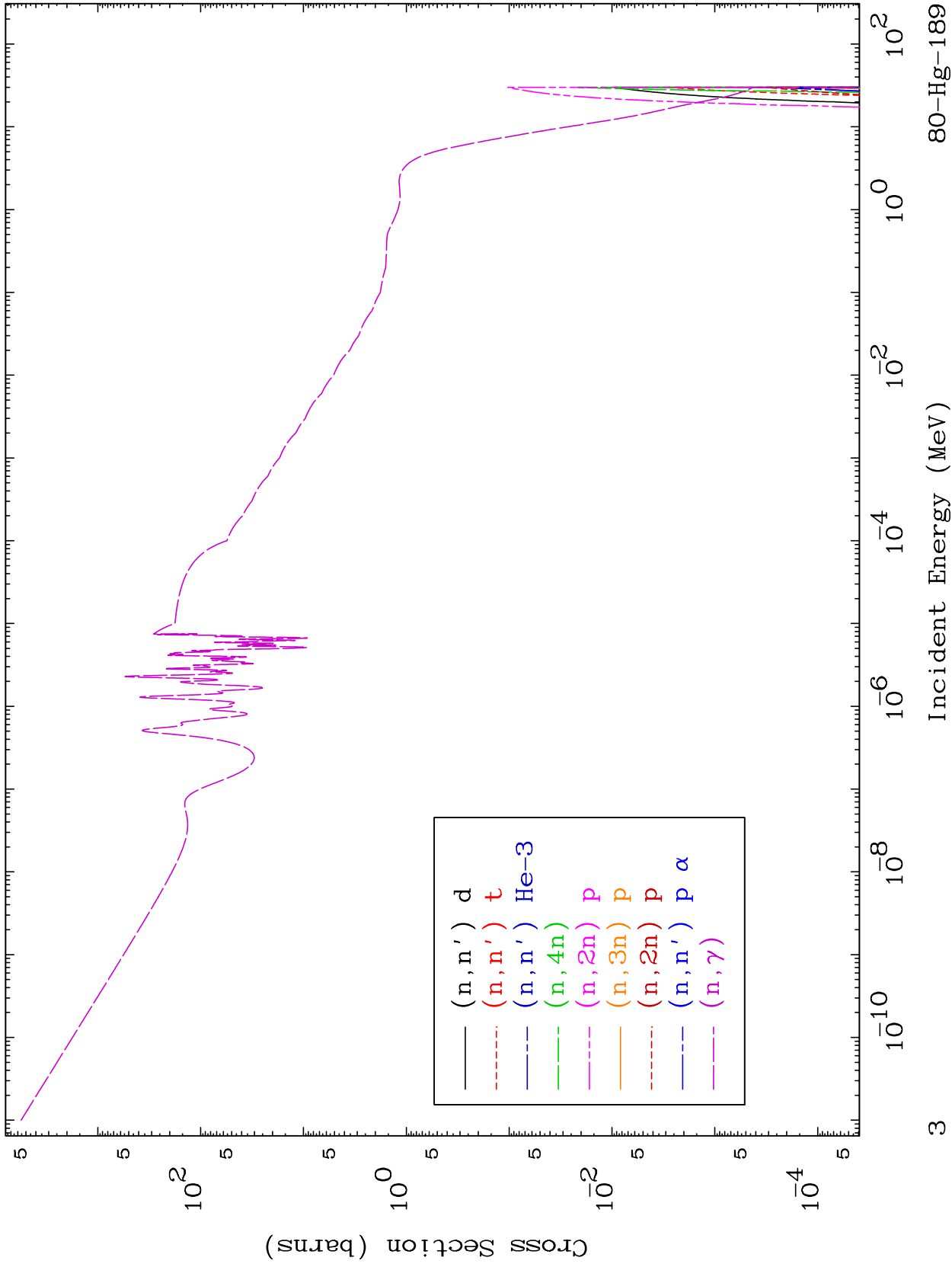
80-Hg-189



MAT 8004

Neutron Absorption
293 Kelvin Cross Sections

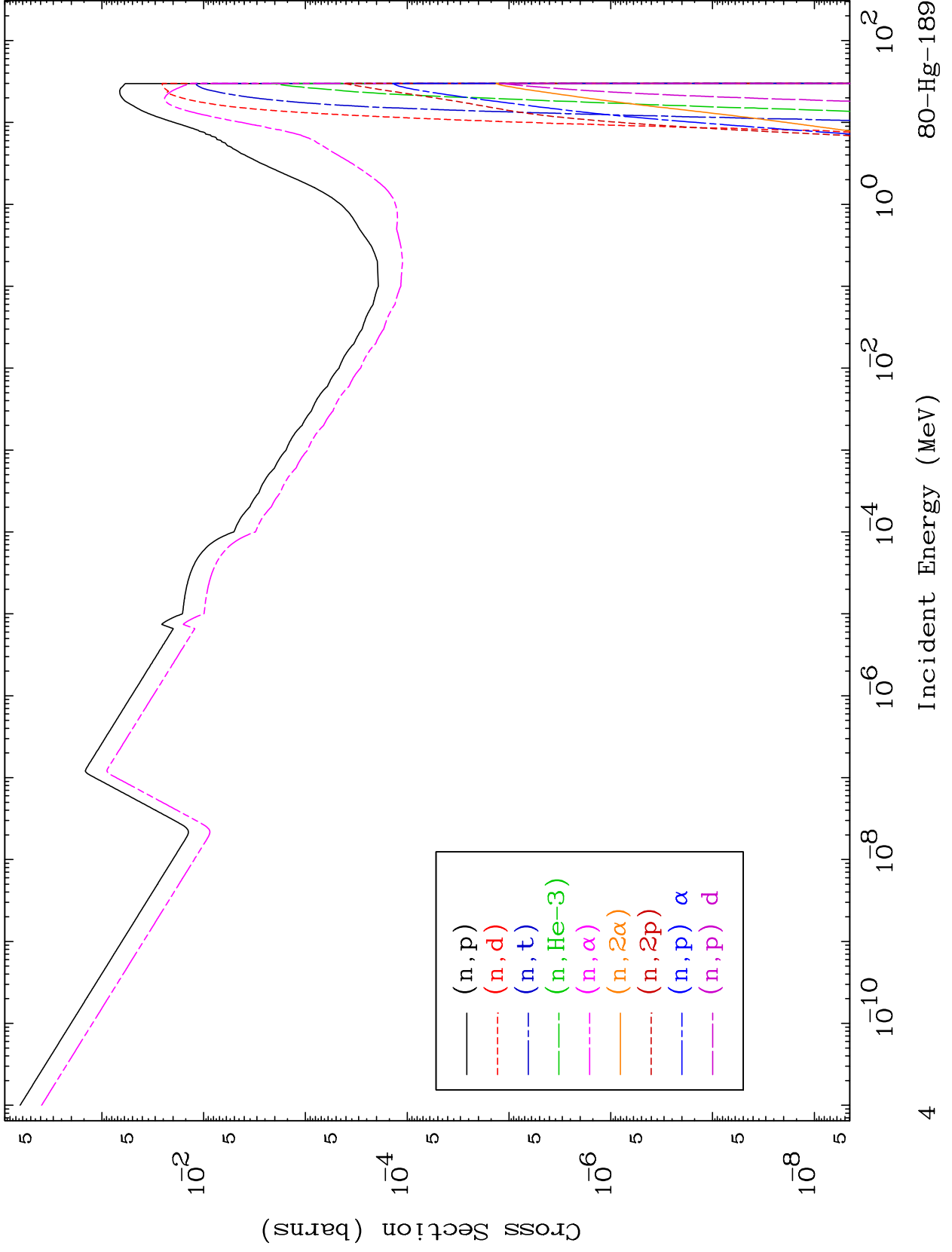
80-Hg-189



MAT 8004

Neutron Absorption
293 Kelvin Cross Sections

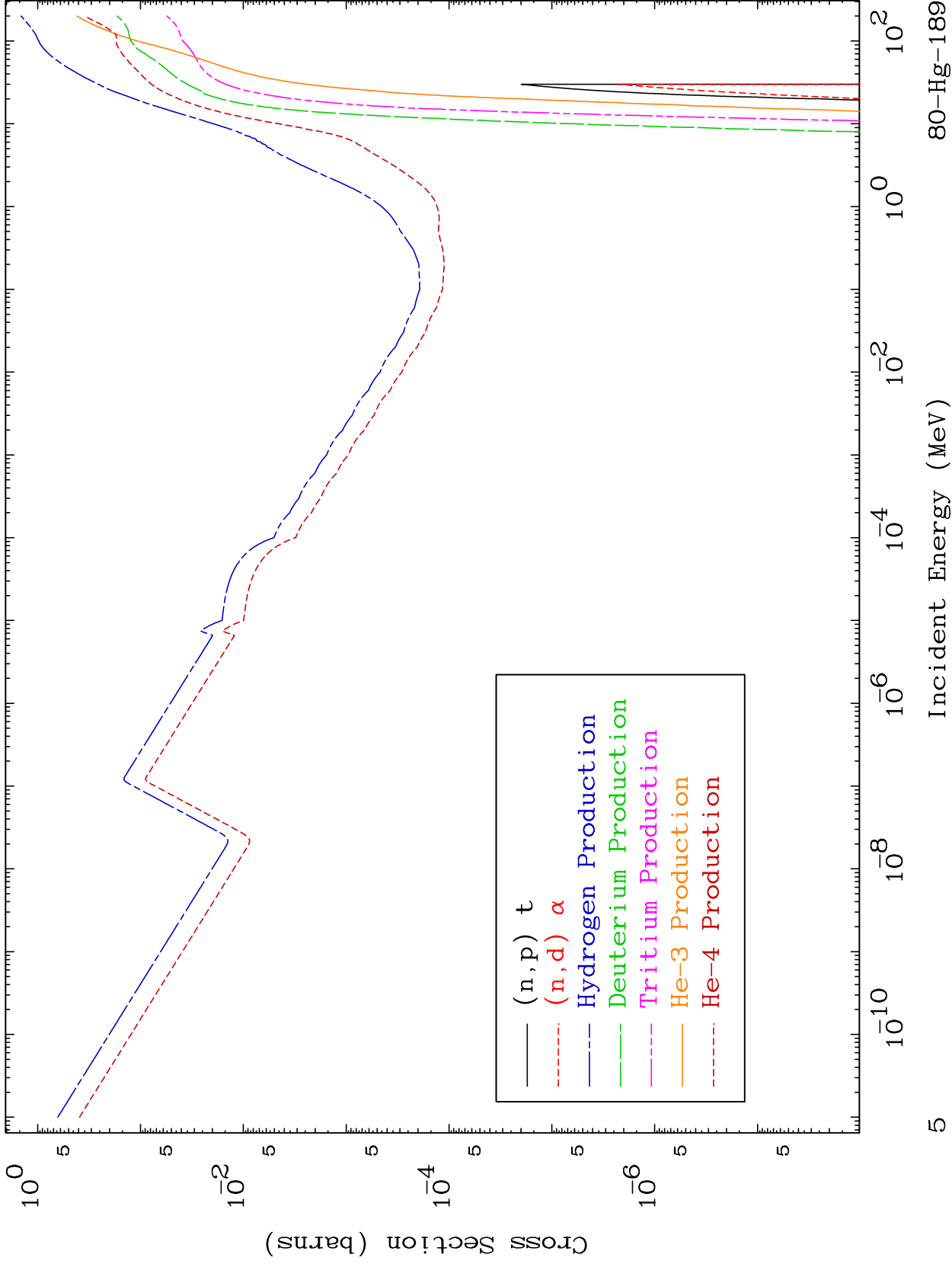
80-Hg-189



MAT 8004

Neutron Absorption
293 Kelvin Cross Sections

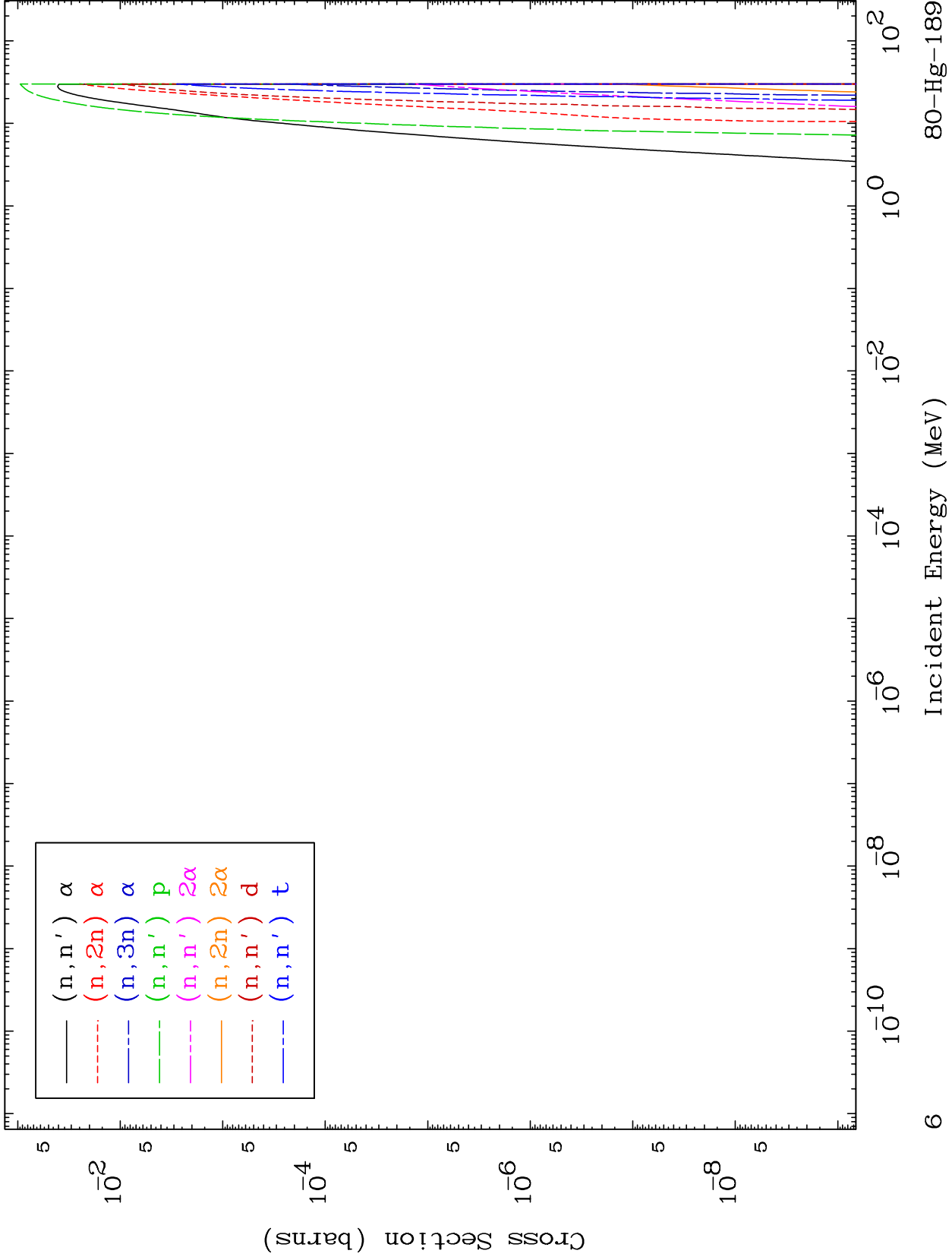
80-Hg-189



MAT 8004

Charged Particle
293 Kelvin Cross Sections

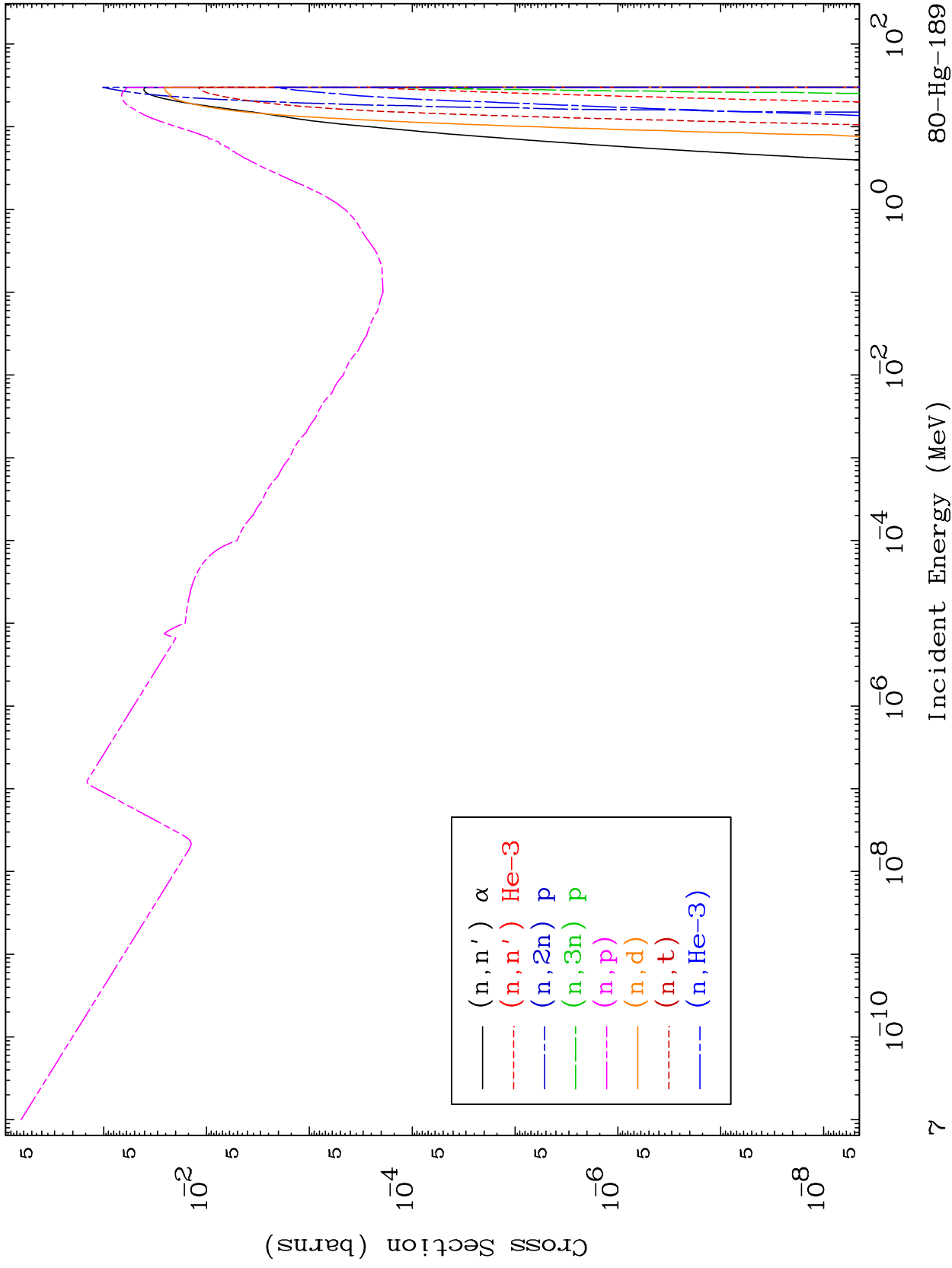
80-Hg-189



MAT 8004

Charged Particle
293 Kelvin Cross Sections

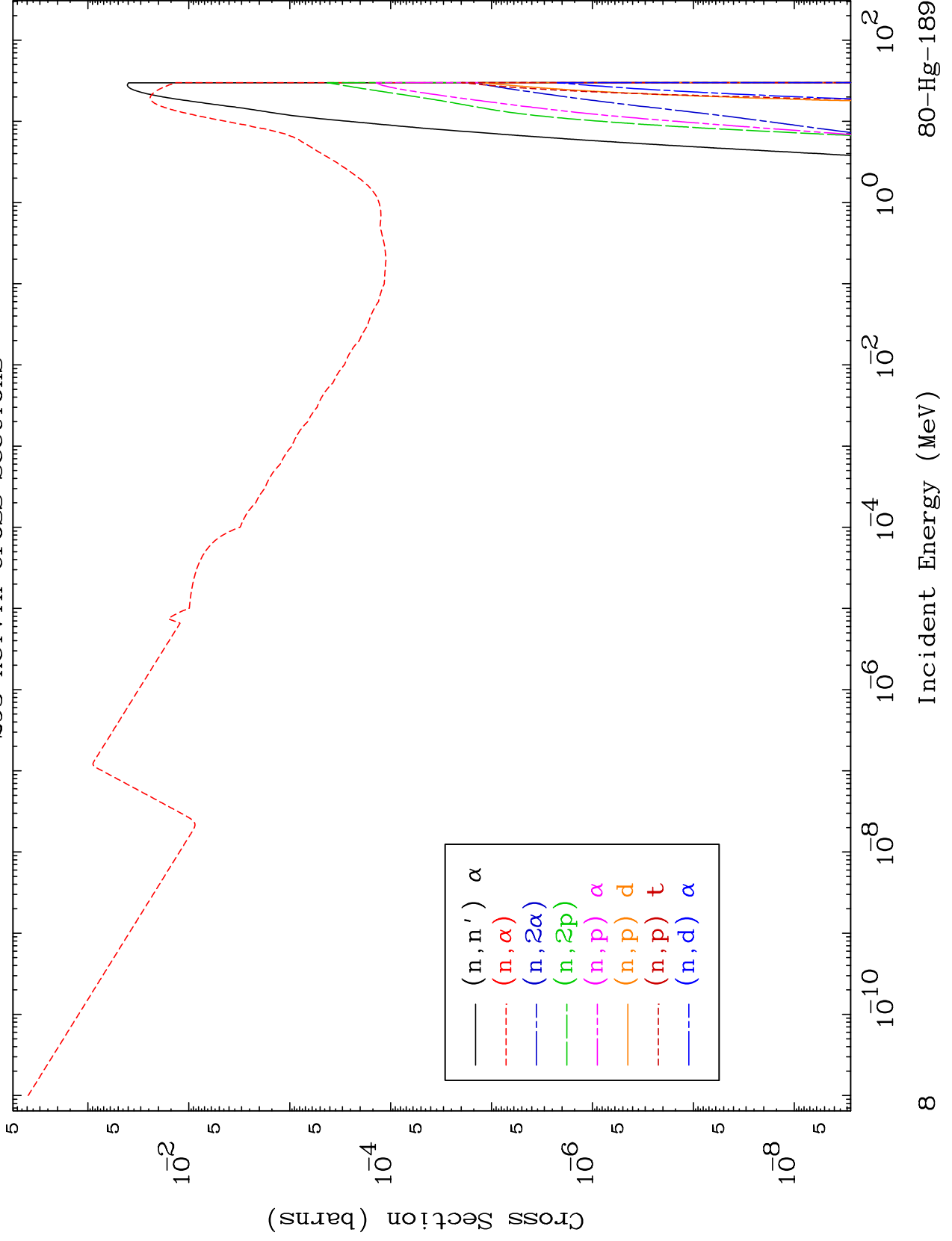
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MAT 8004

Charged Particle
293 Kelvin Cross Sections

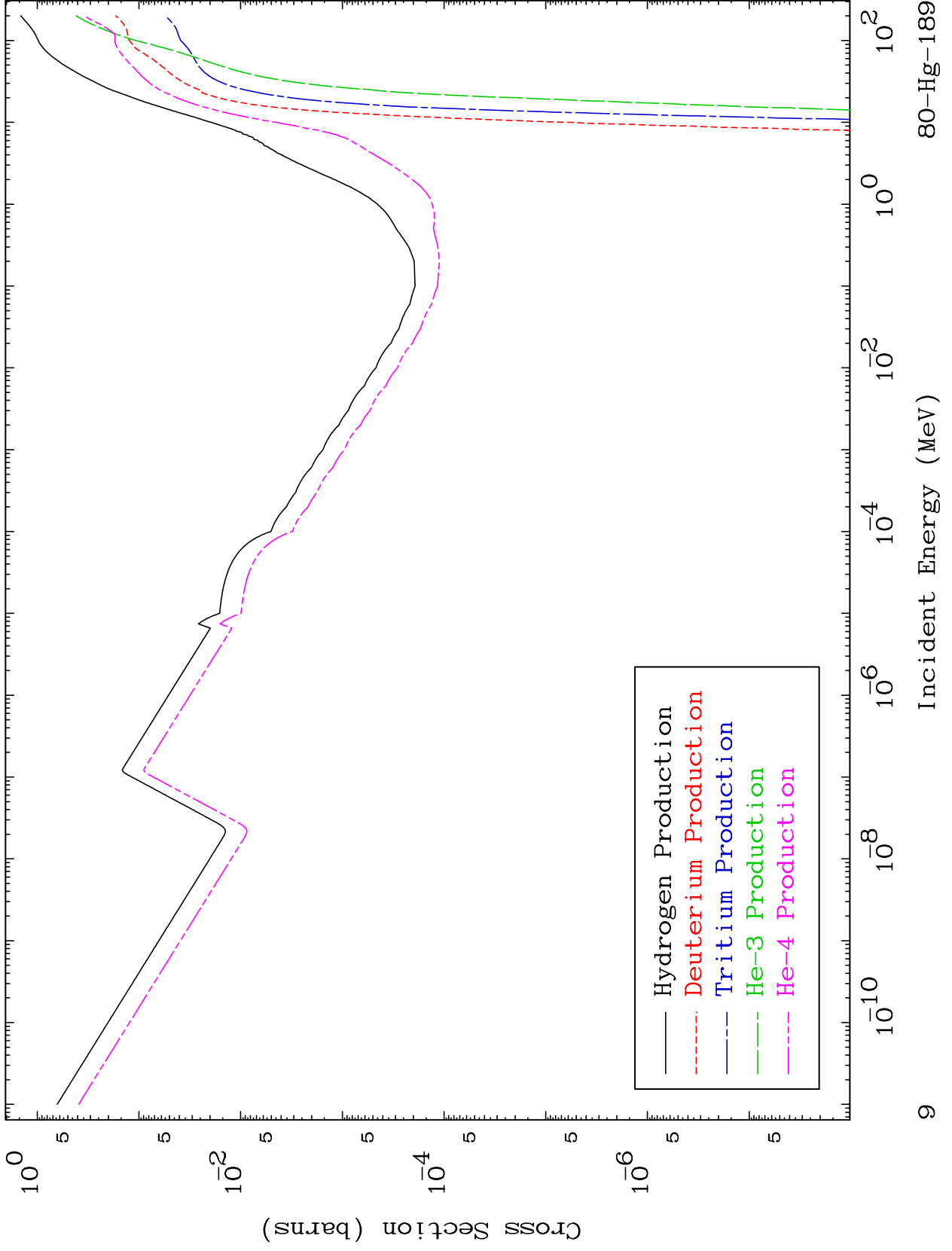
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MAT 8004

Particle Production
293 Kelvin Cross Sections

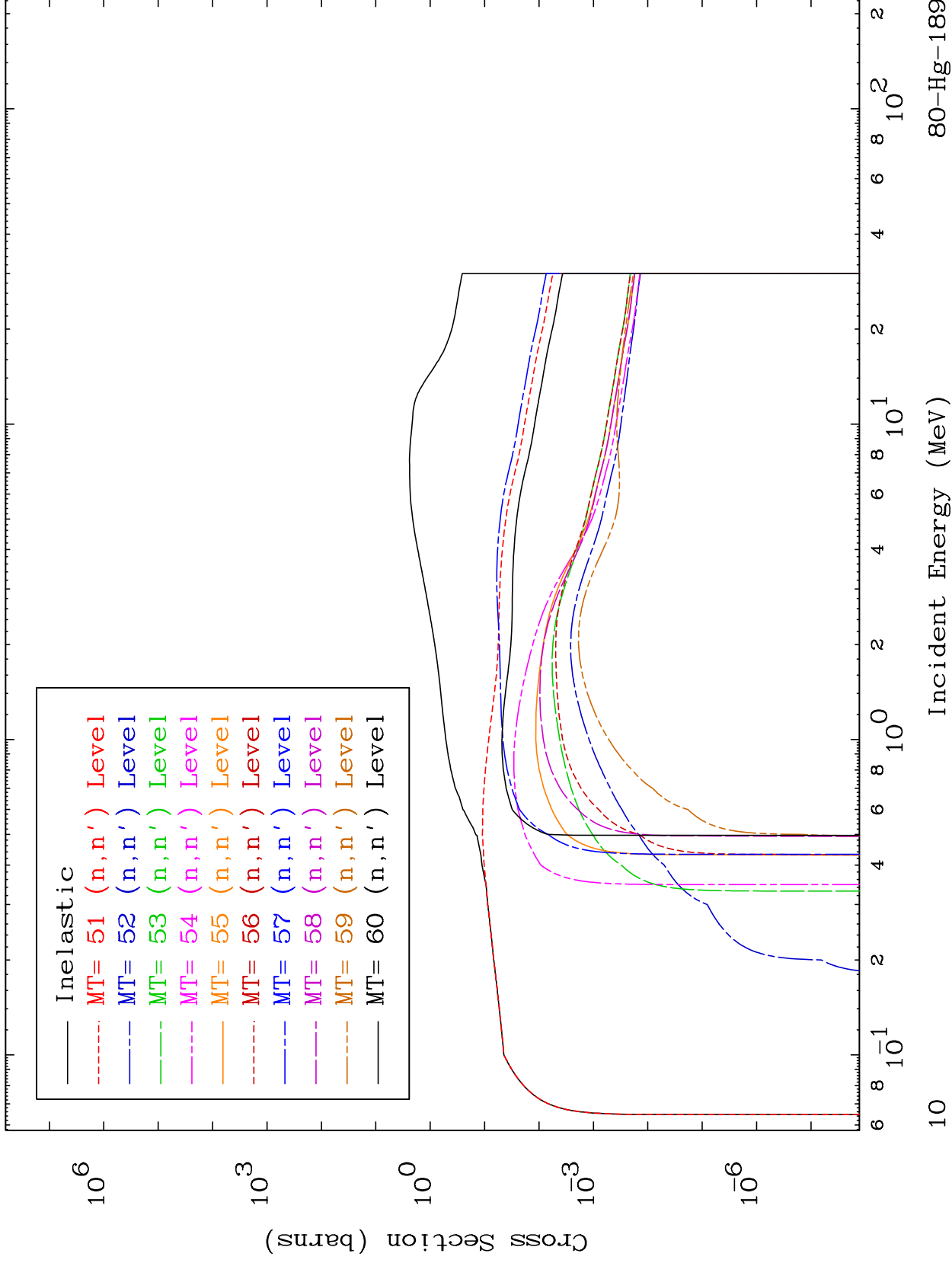
80-Hg-189



MAT 8004

(n,n') Levels
293 Kelvin Cross Sections

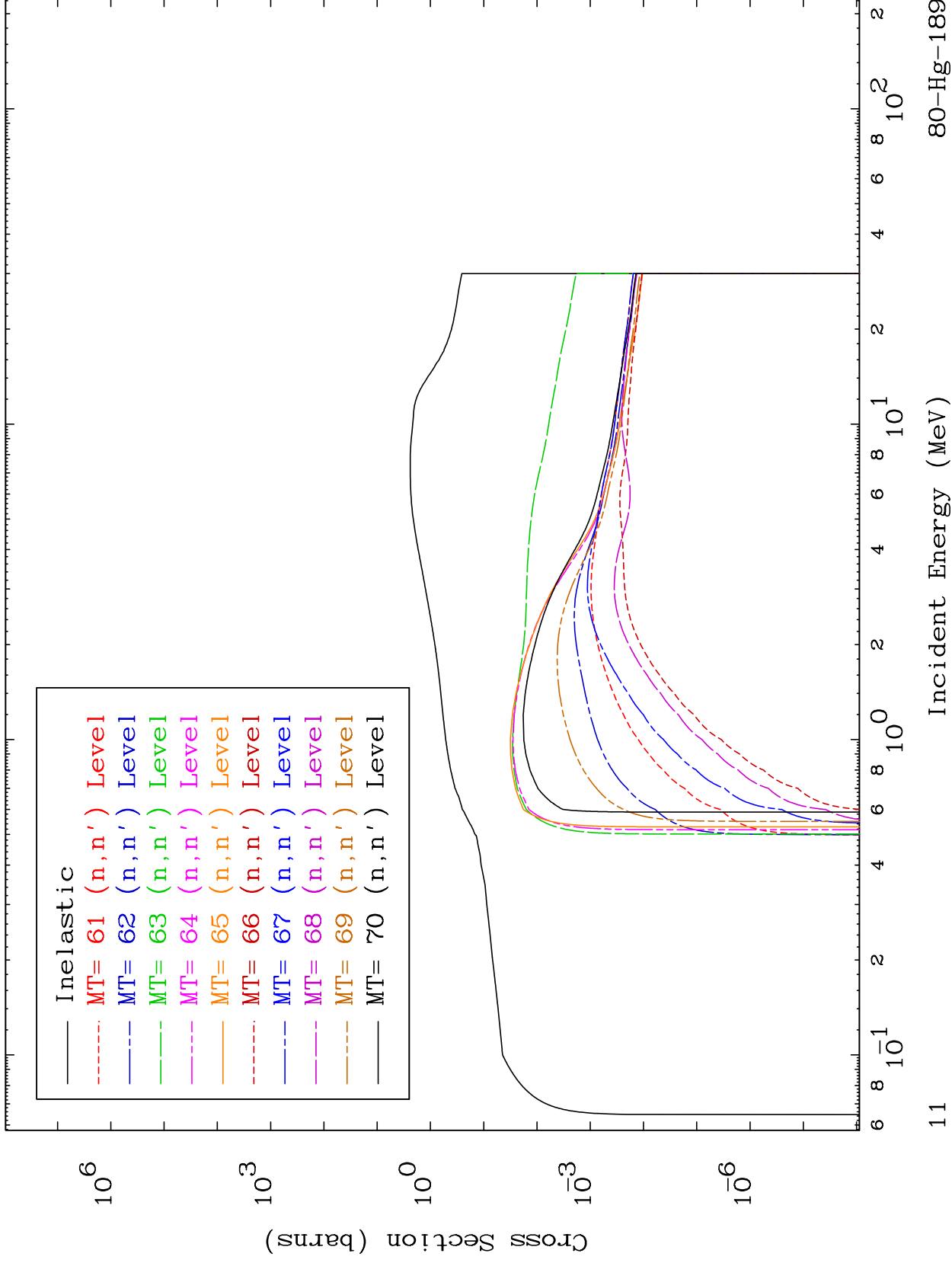
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MAT 8004

(n,n') Levels
293 Kelvin Cross Sections

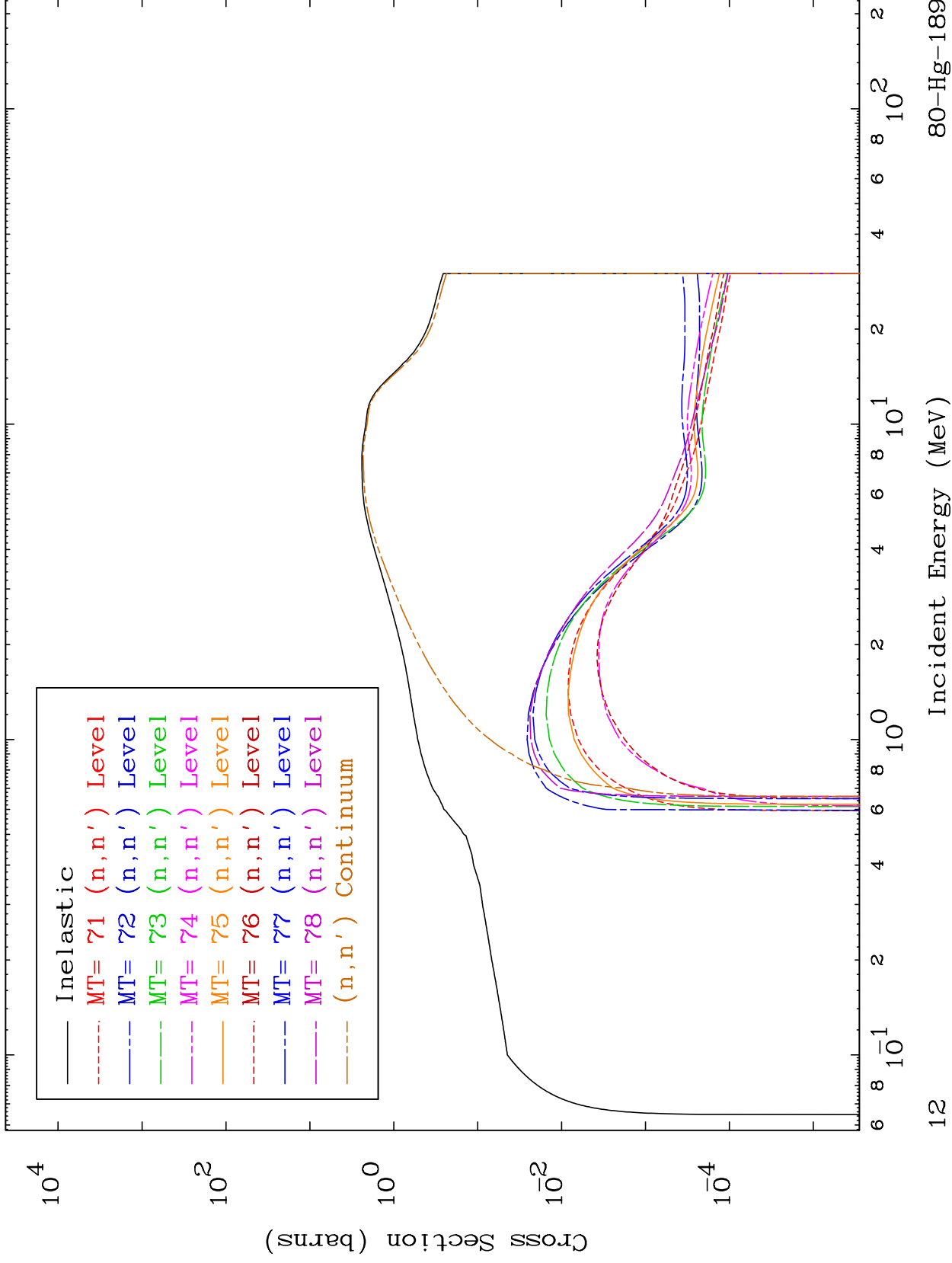
80-Hg-189



MAT 8004

293 (n,n') Levels

80-Hg-189



12

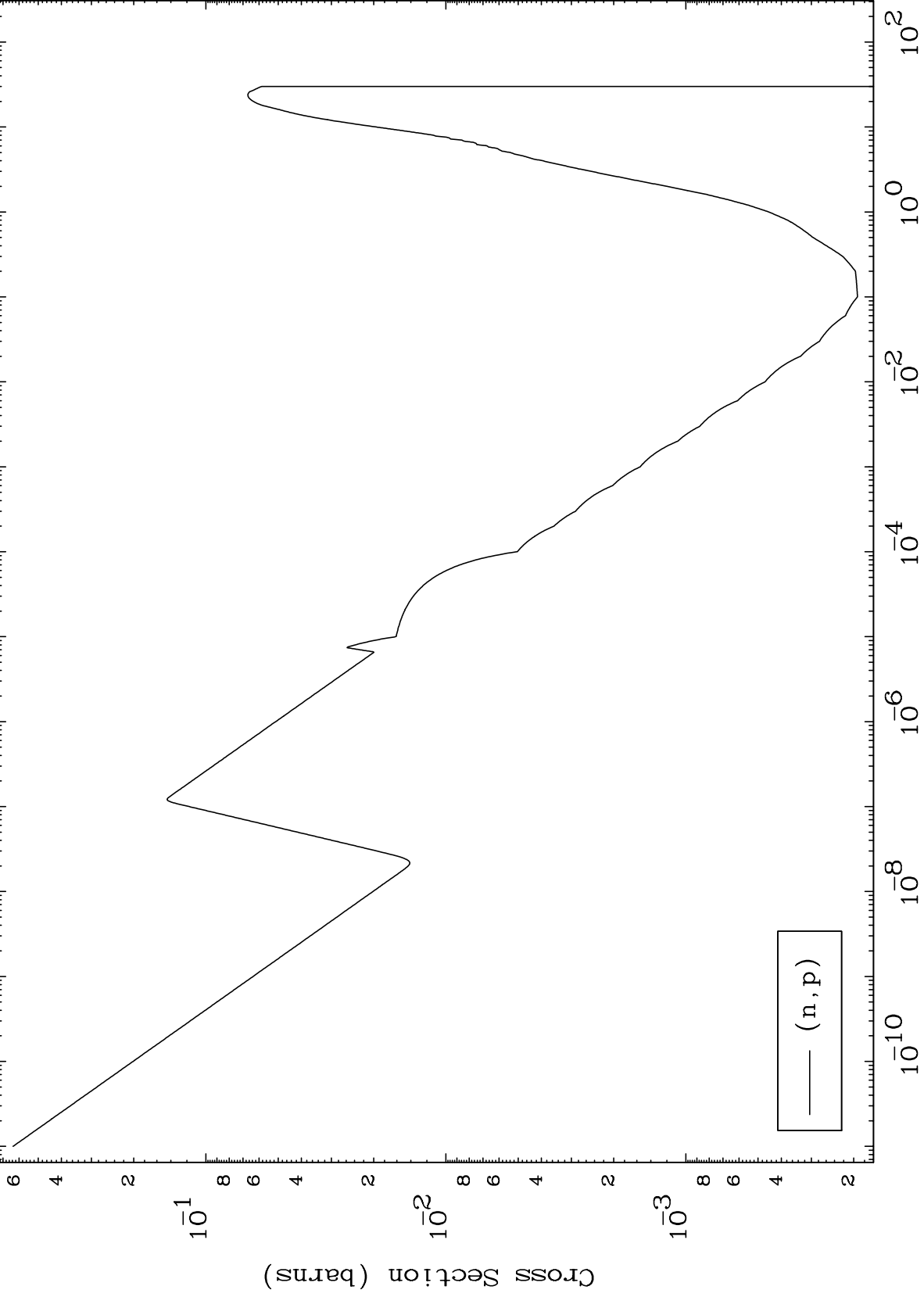
Incident Energy (MeV)

80-Hg-189

MAT 8004

(n,p) Levels
293 Kelvin Cross Sections

80-Hg-189



13

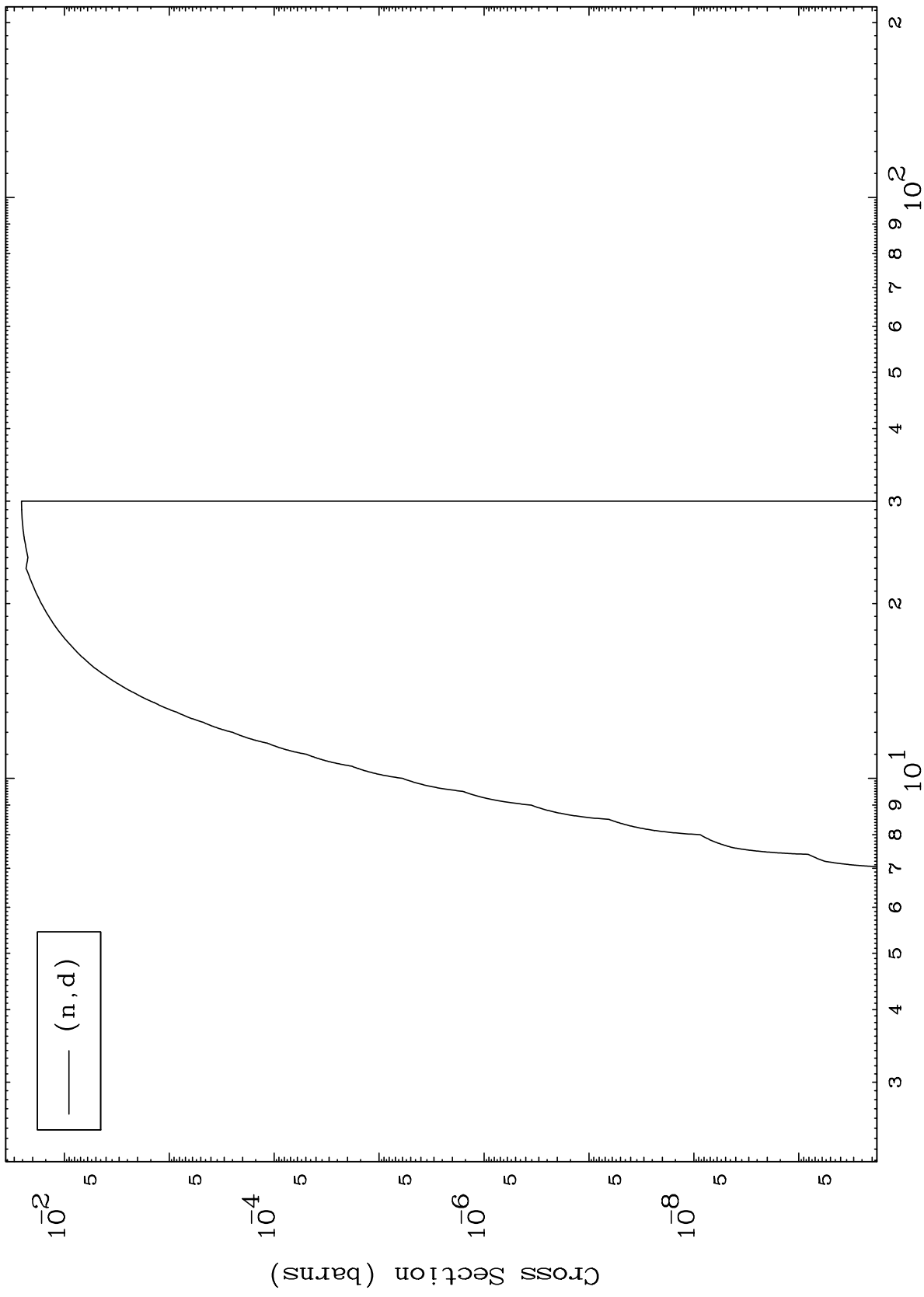
Incident Energy (MeV)

80-Hg-189

MAT 8004

80-Hg-189

(n,d) Levels
293 Kelvin Cross Sections



14

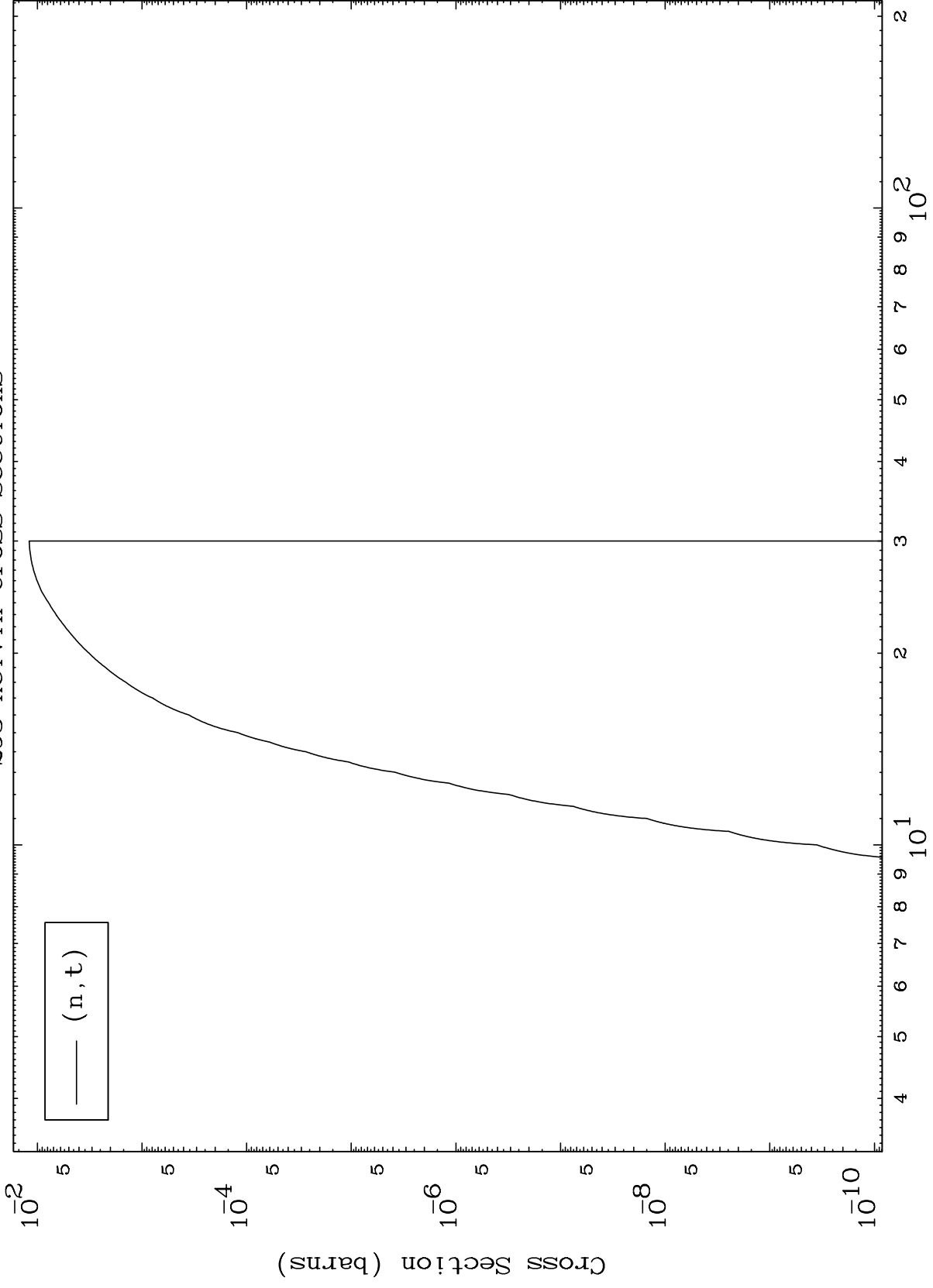
Incident Energy (MeV)

80-Hg-189

MAT 8004

(n,t) Levels
293 Kelvin Cross Sections

80-Hg-189



15

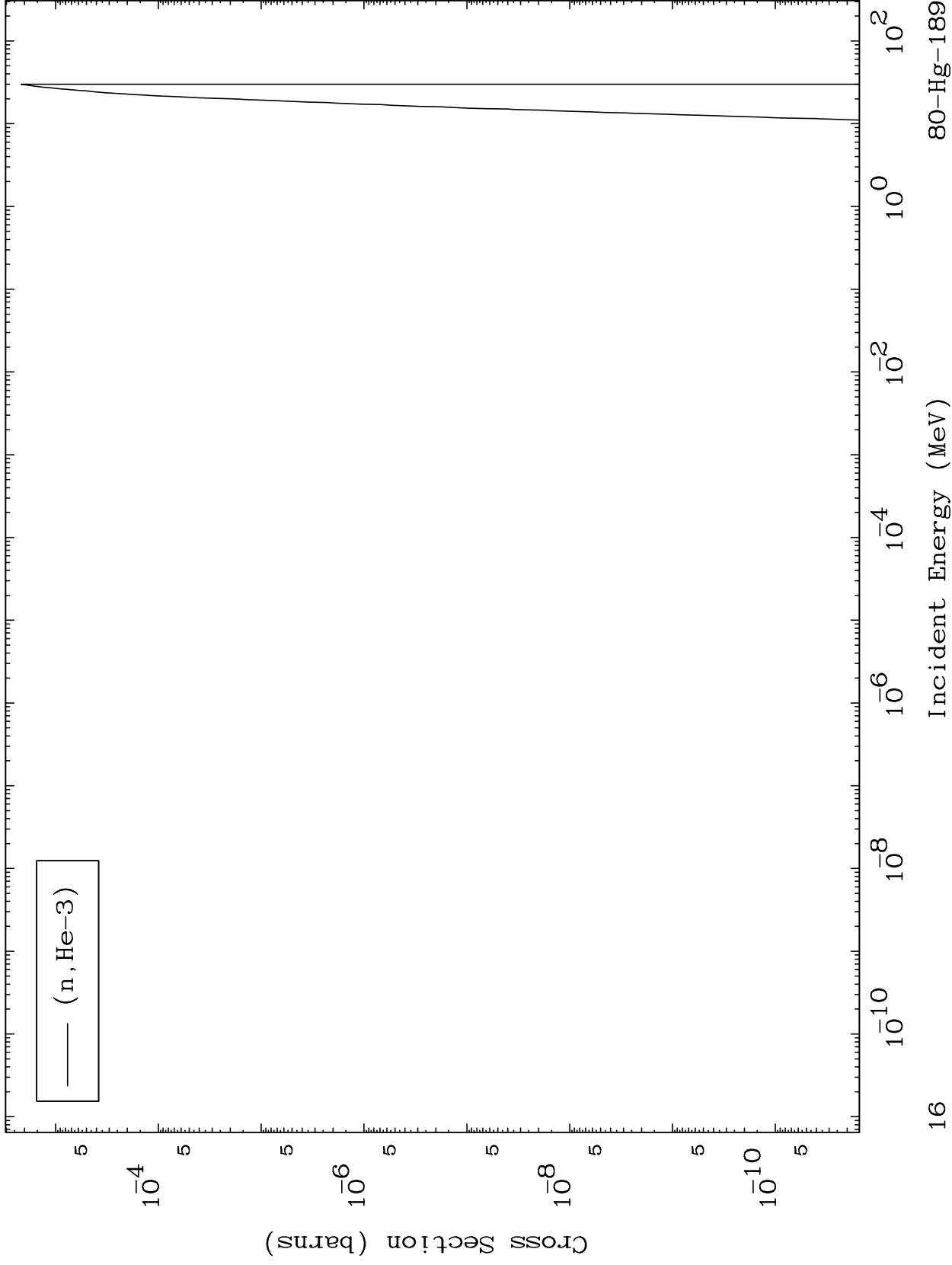
Incident Energy (MeV)

80-Hg-189

MAT 8004

(n,He3) Levels
293 Kelvin Cross Sections

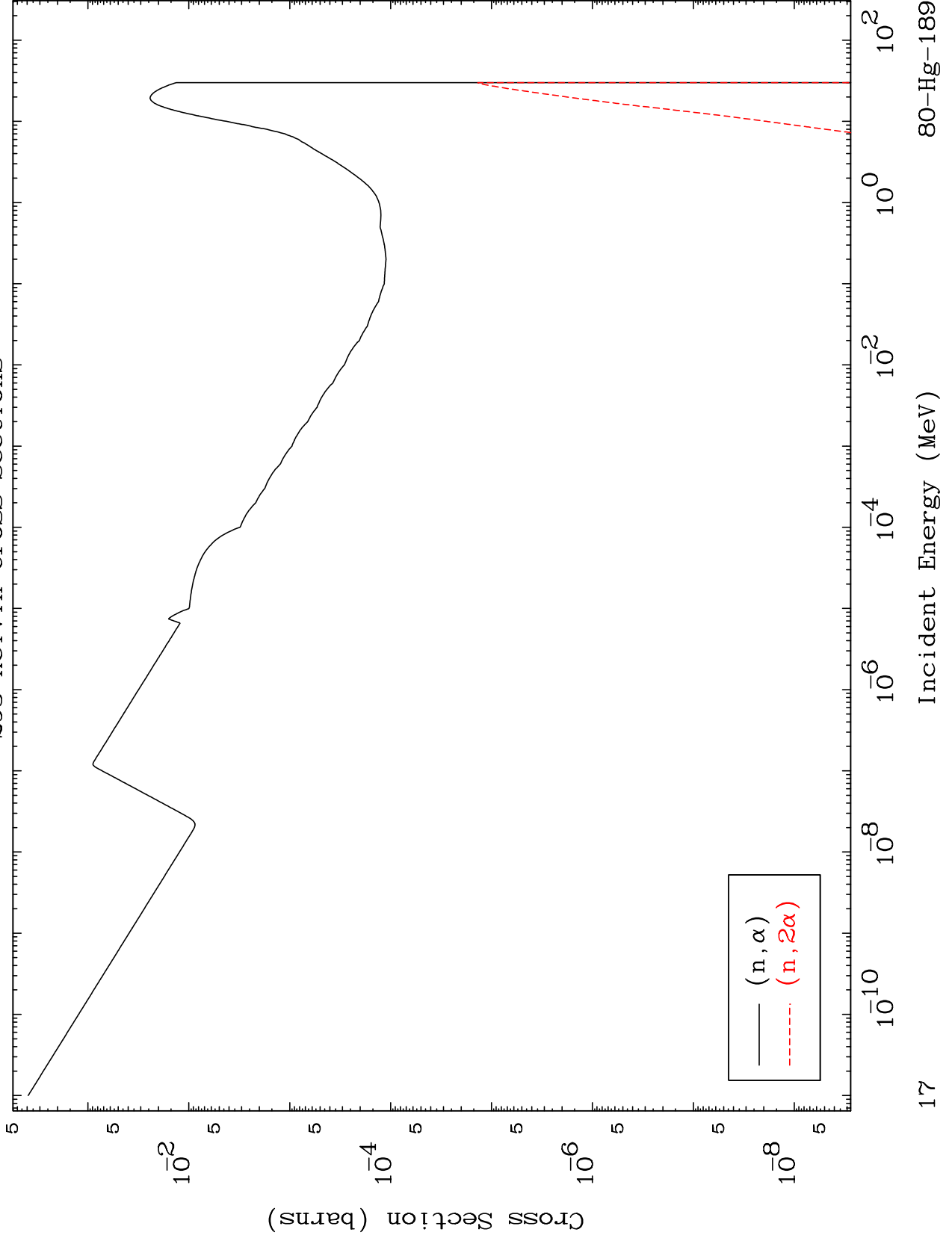
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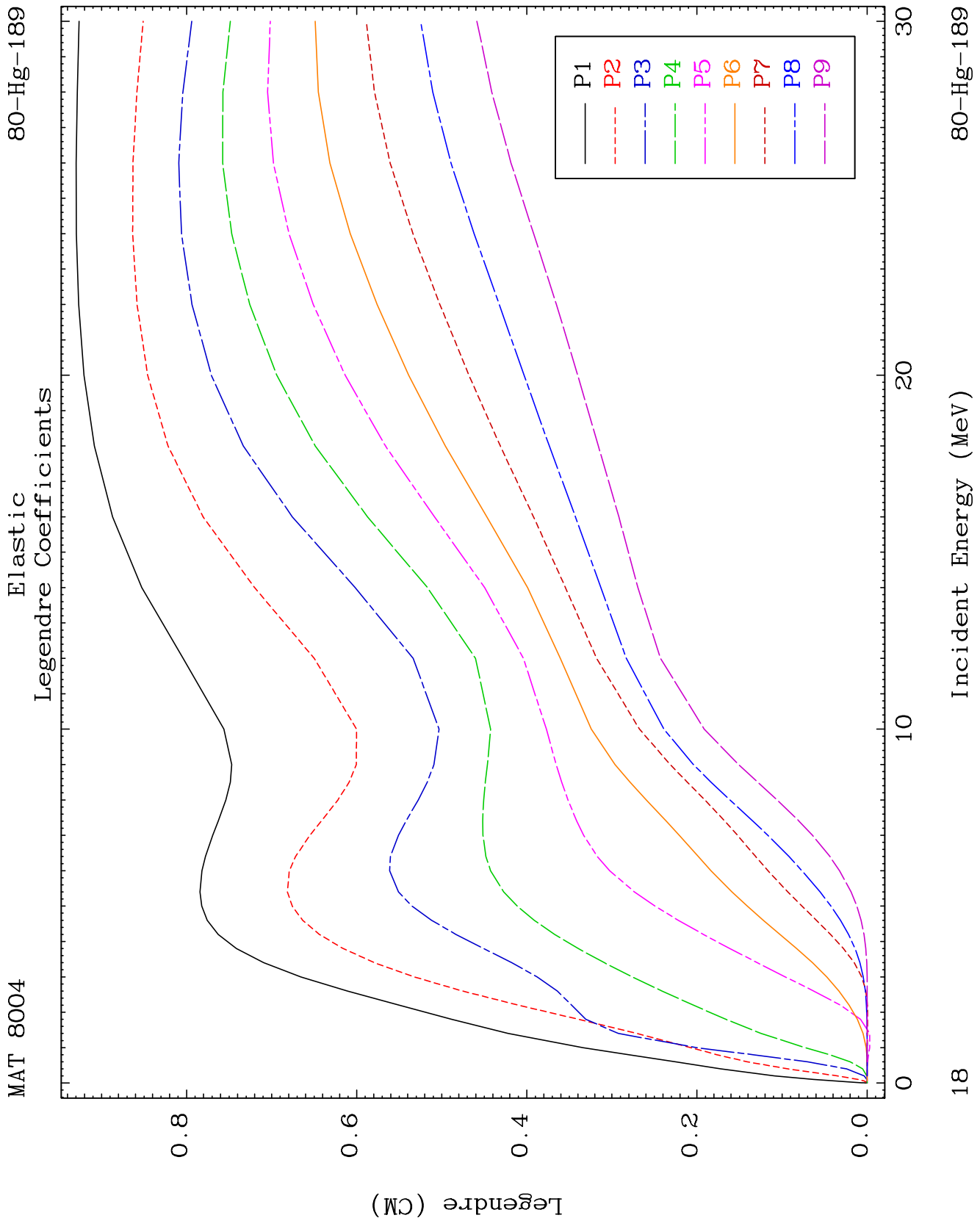


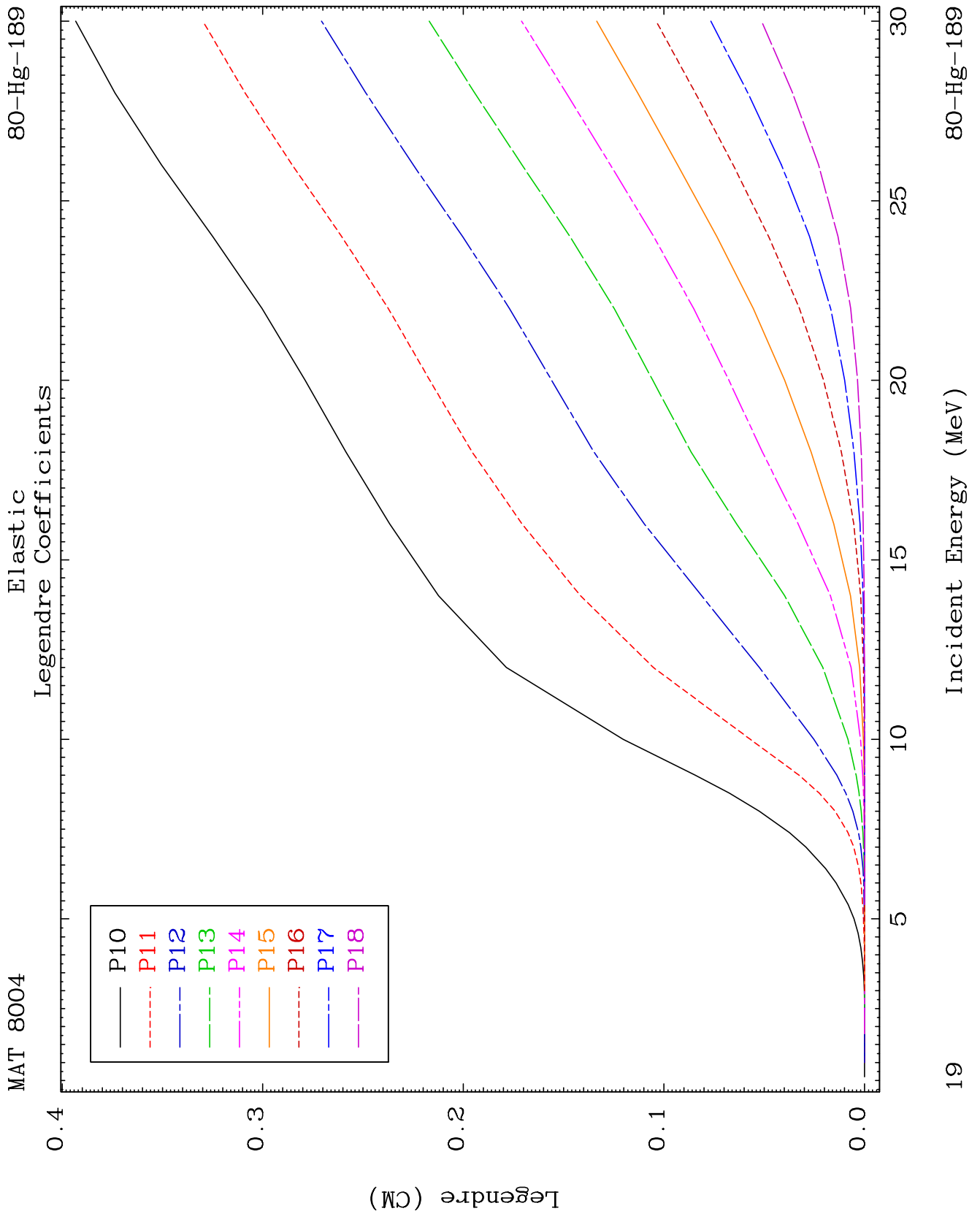
MAT 8004

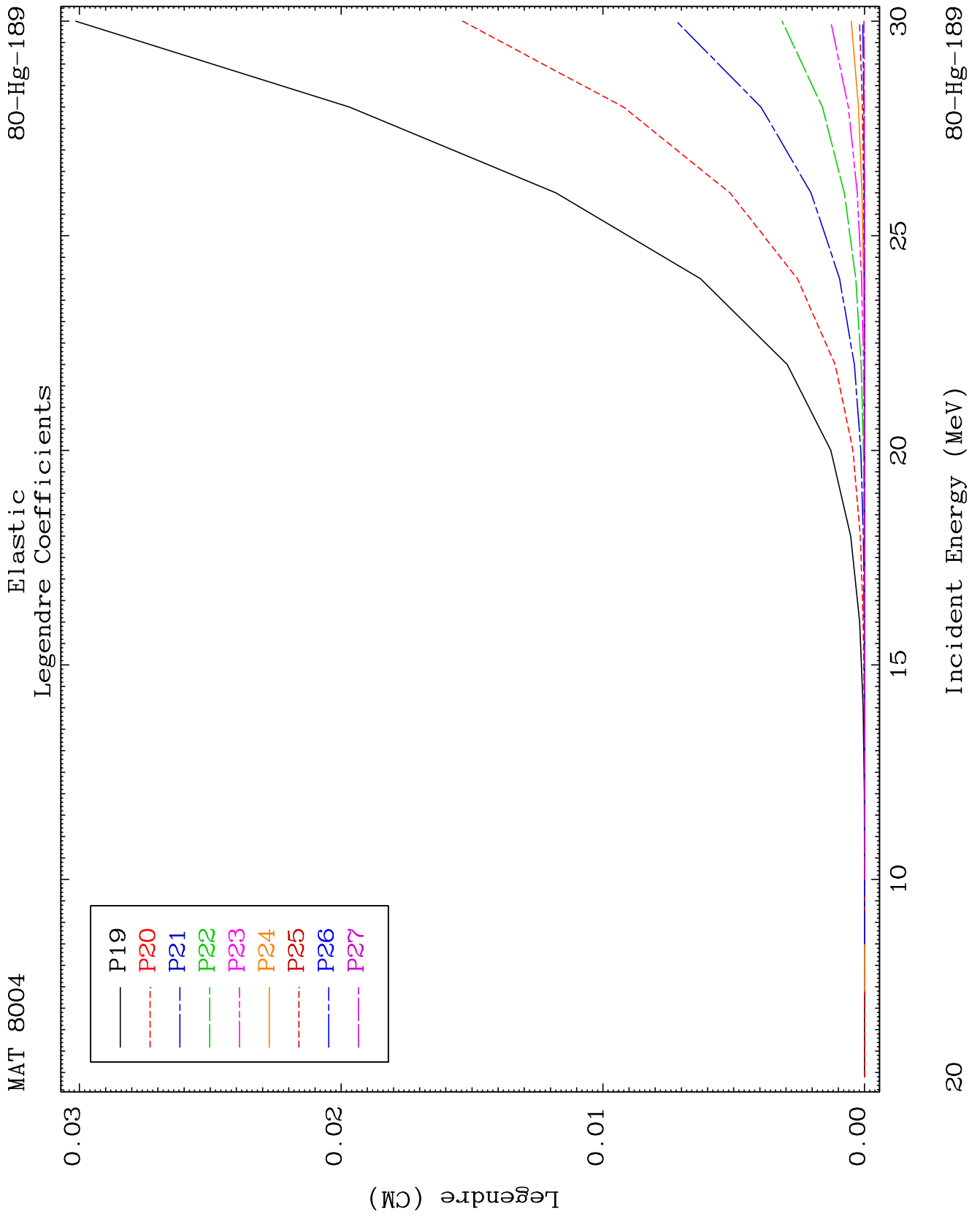
(n, α) Levels
293 Kelvin Cross Sections

80-Hg-189





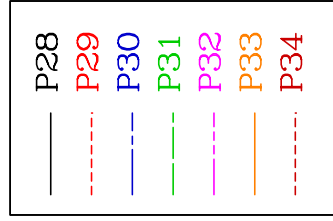




MAT 8004

Elastic
Legendre Coefficients

80-Hg-189



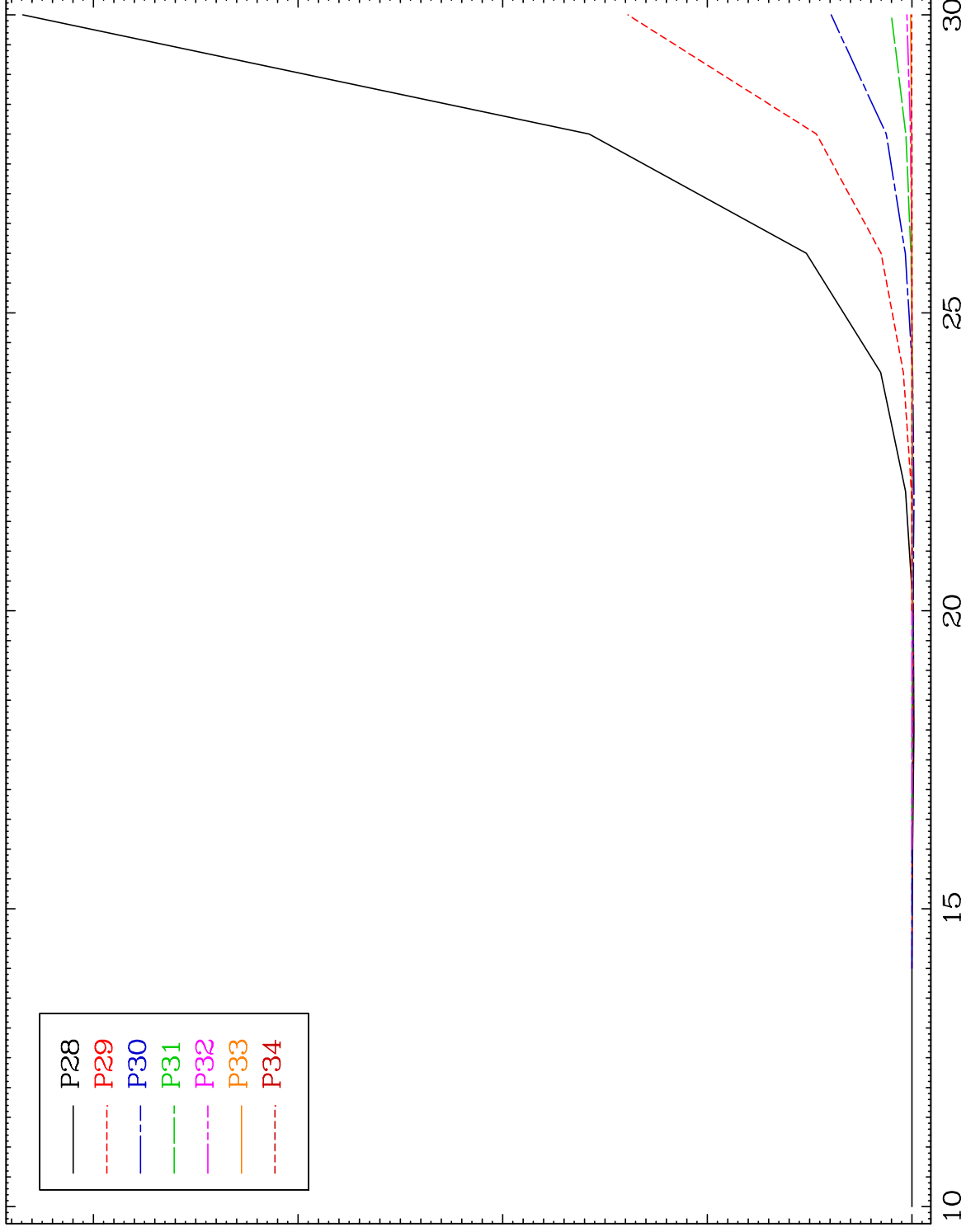
$\times 10^{-6}$

Legendre (CM)

21

Incident Energy (MeV)

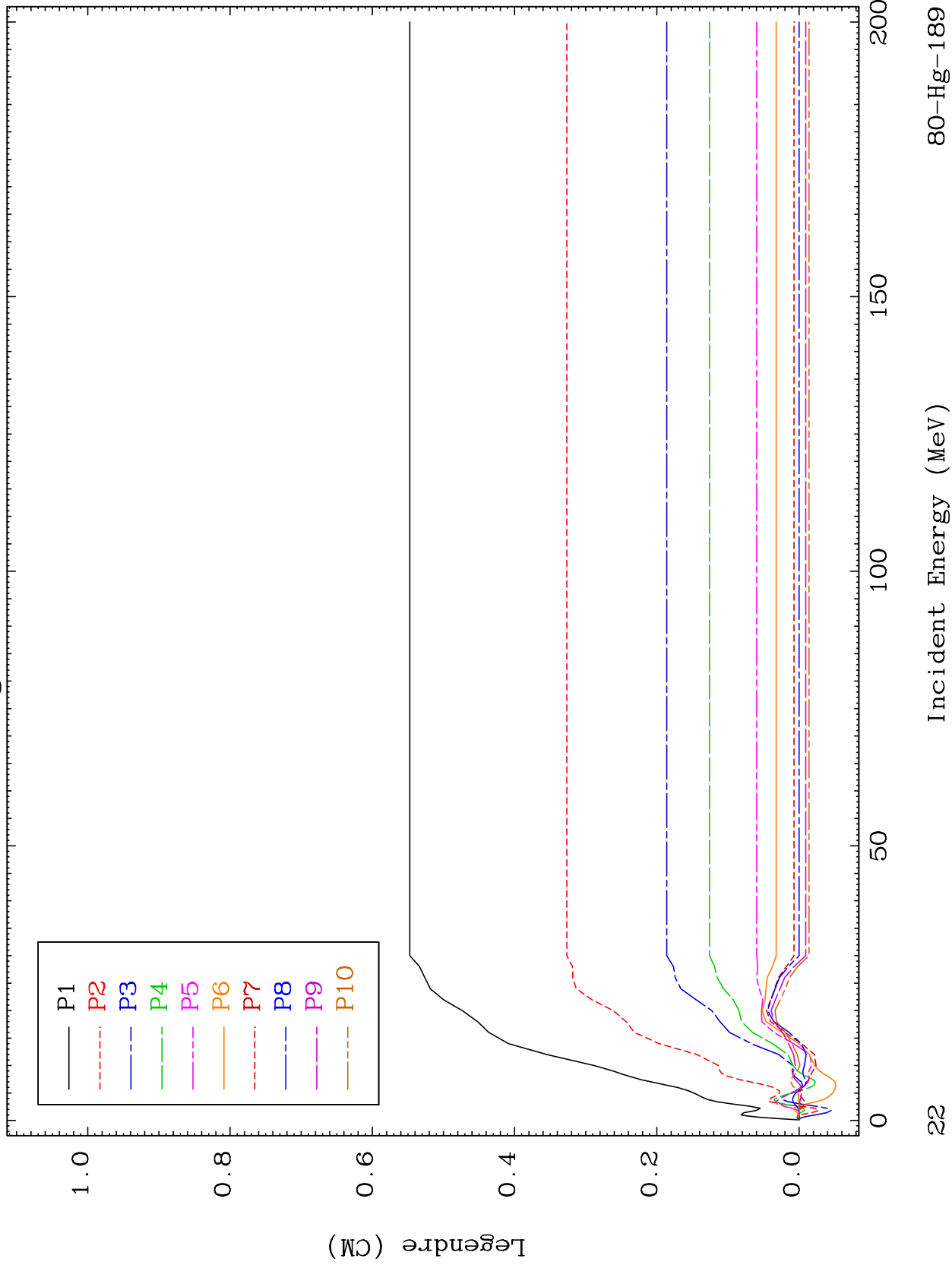
80-Hg-189



MAT 8004

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

80-Hg-189

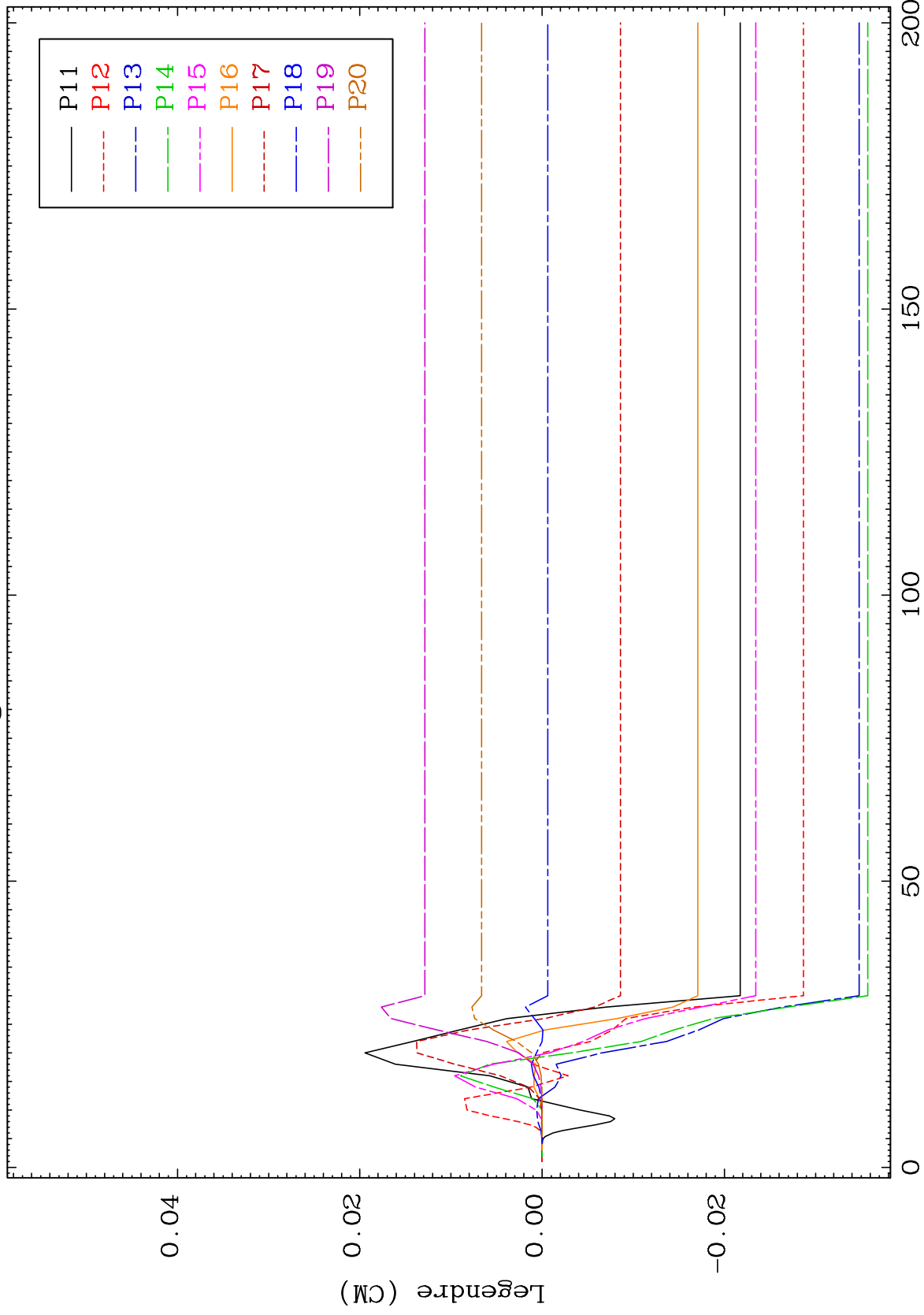


22

MAT 8004

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

80-Hg-189



23

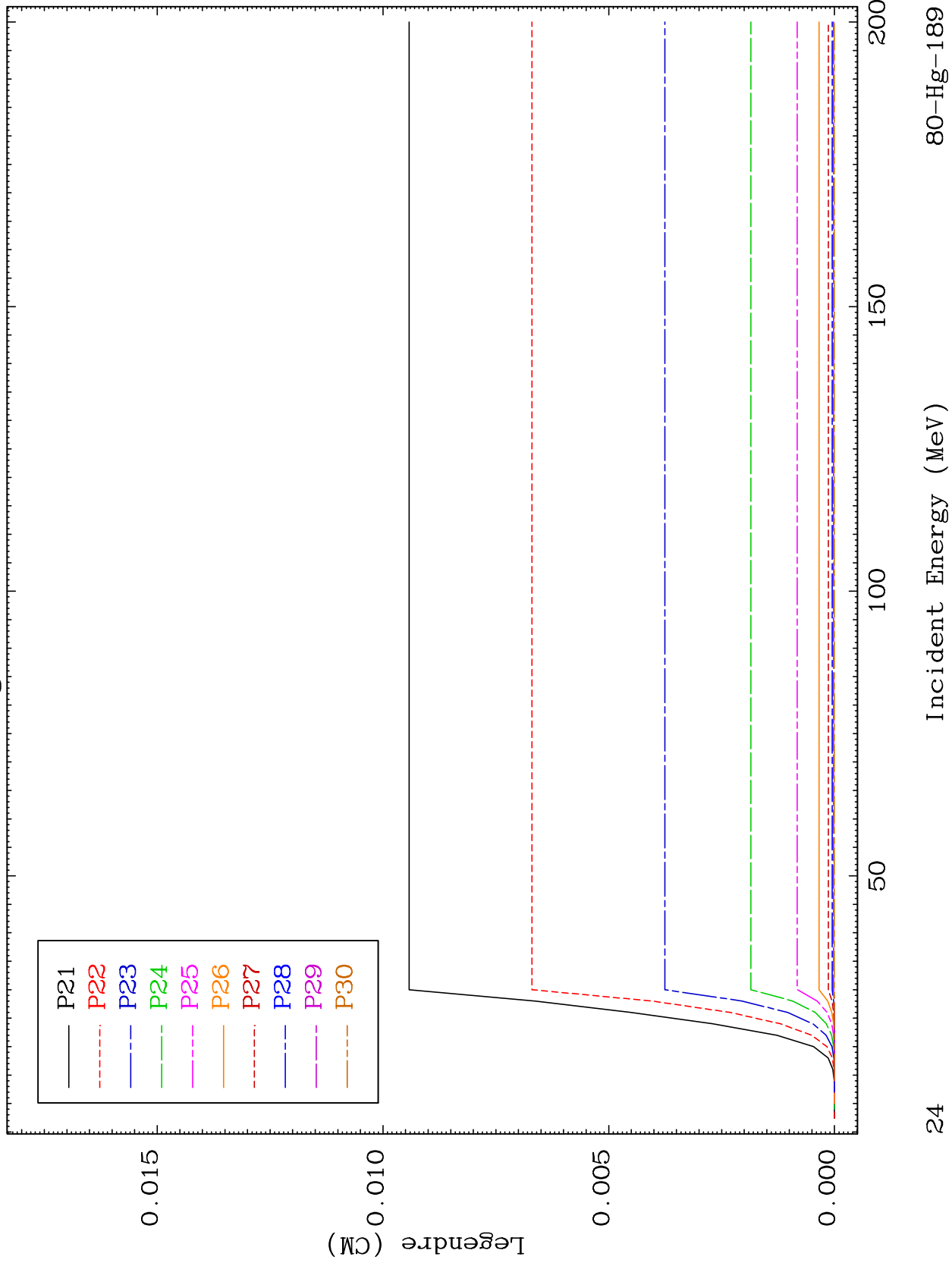
Incident Energy (MeV)

80-Hg-189

MAT 8004

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

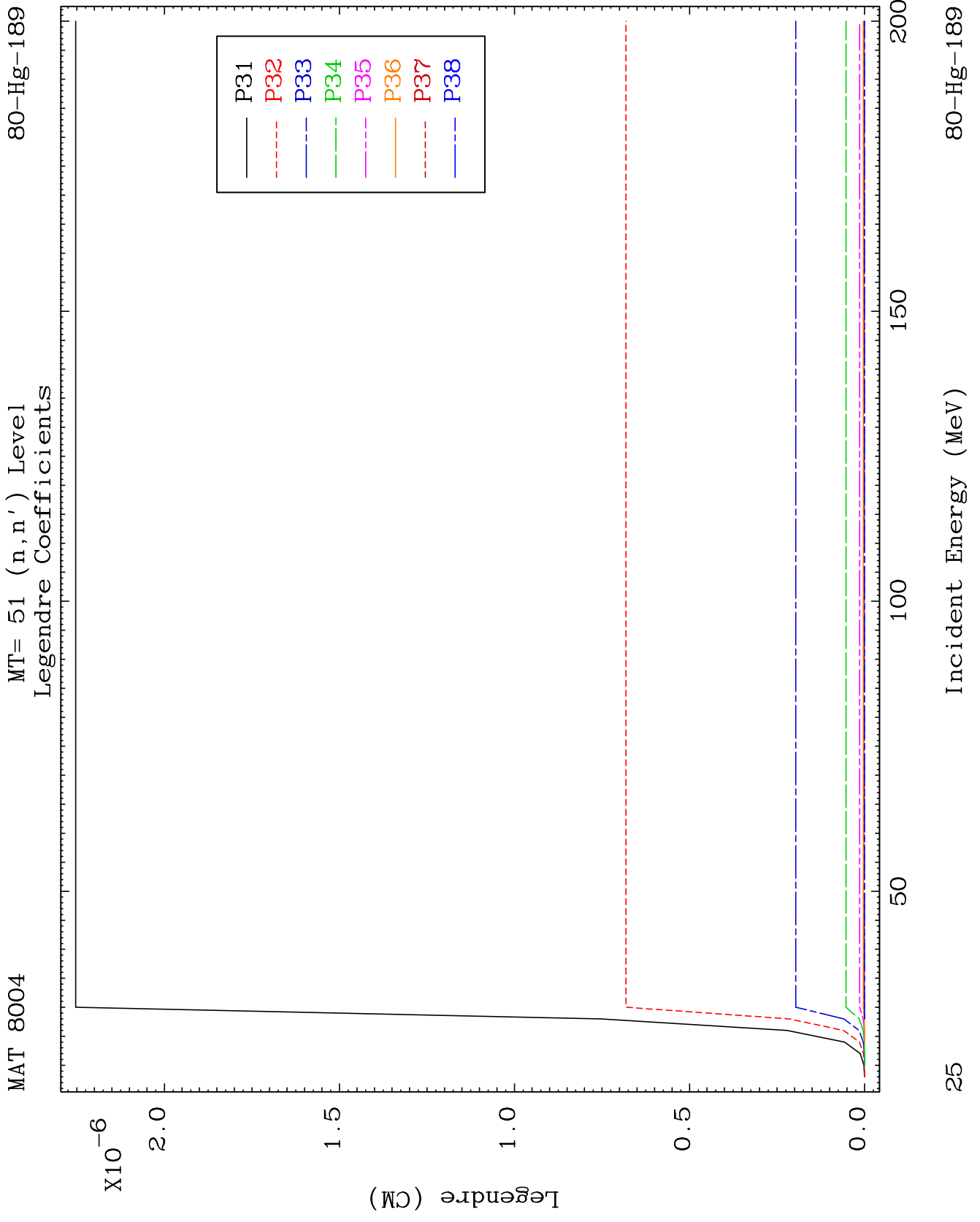
80-Hg-189



24

Incident Energy (MeV)

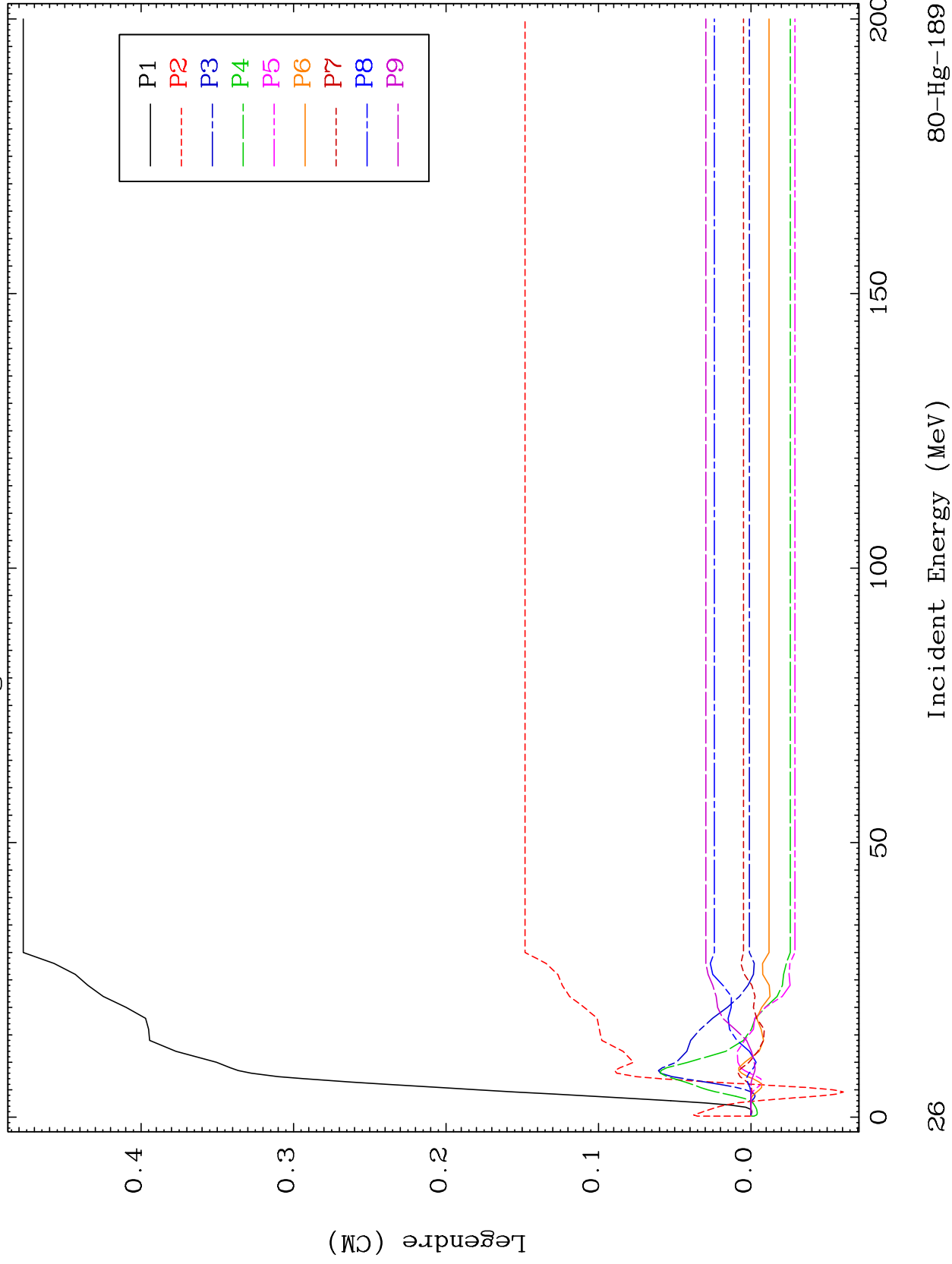
80-Hg-189



MAT 8004

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

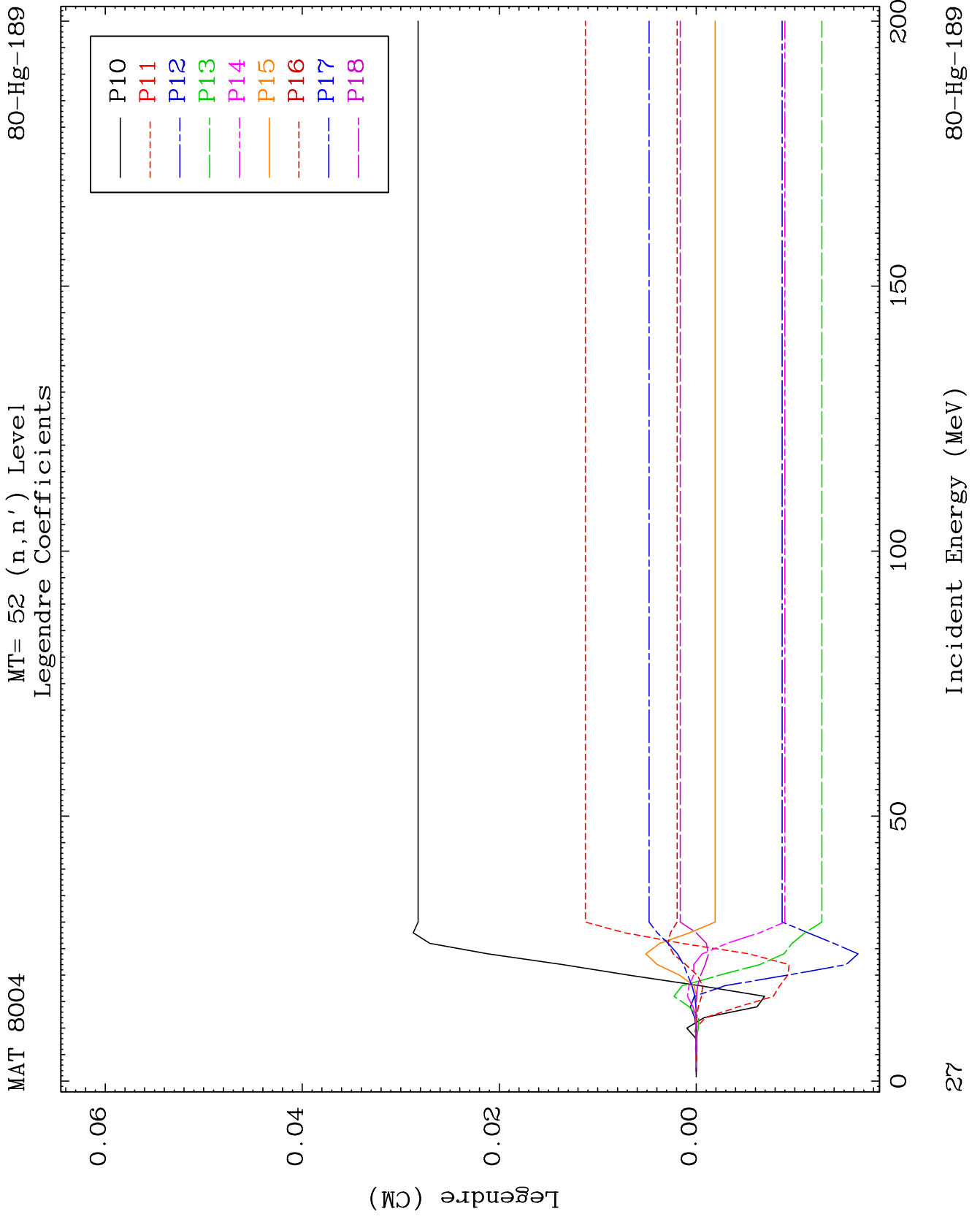
80-Hg-189



26

Incident Energy (MeV)

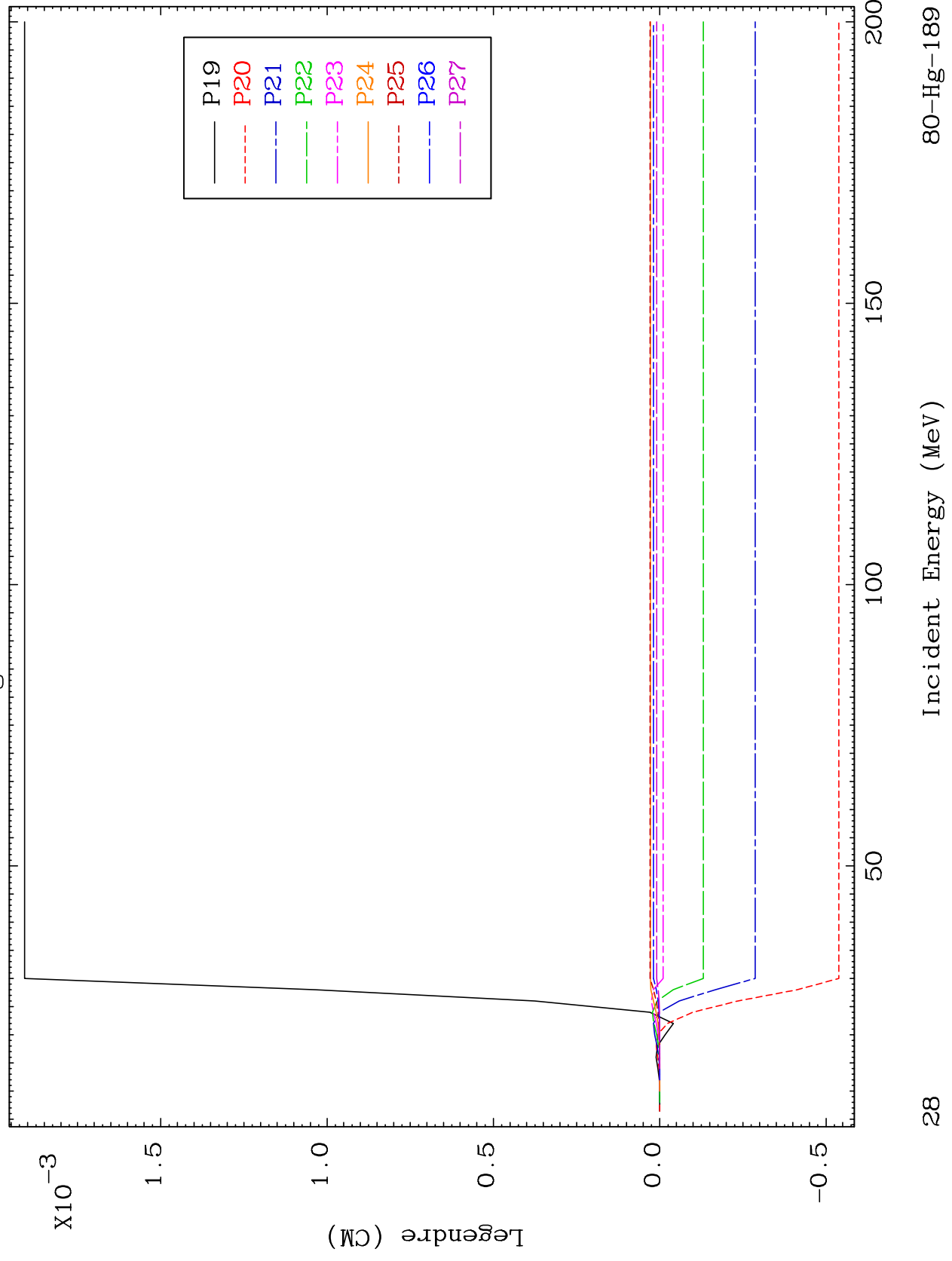
80-Hg-189



MAT 8004

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

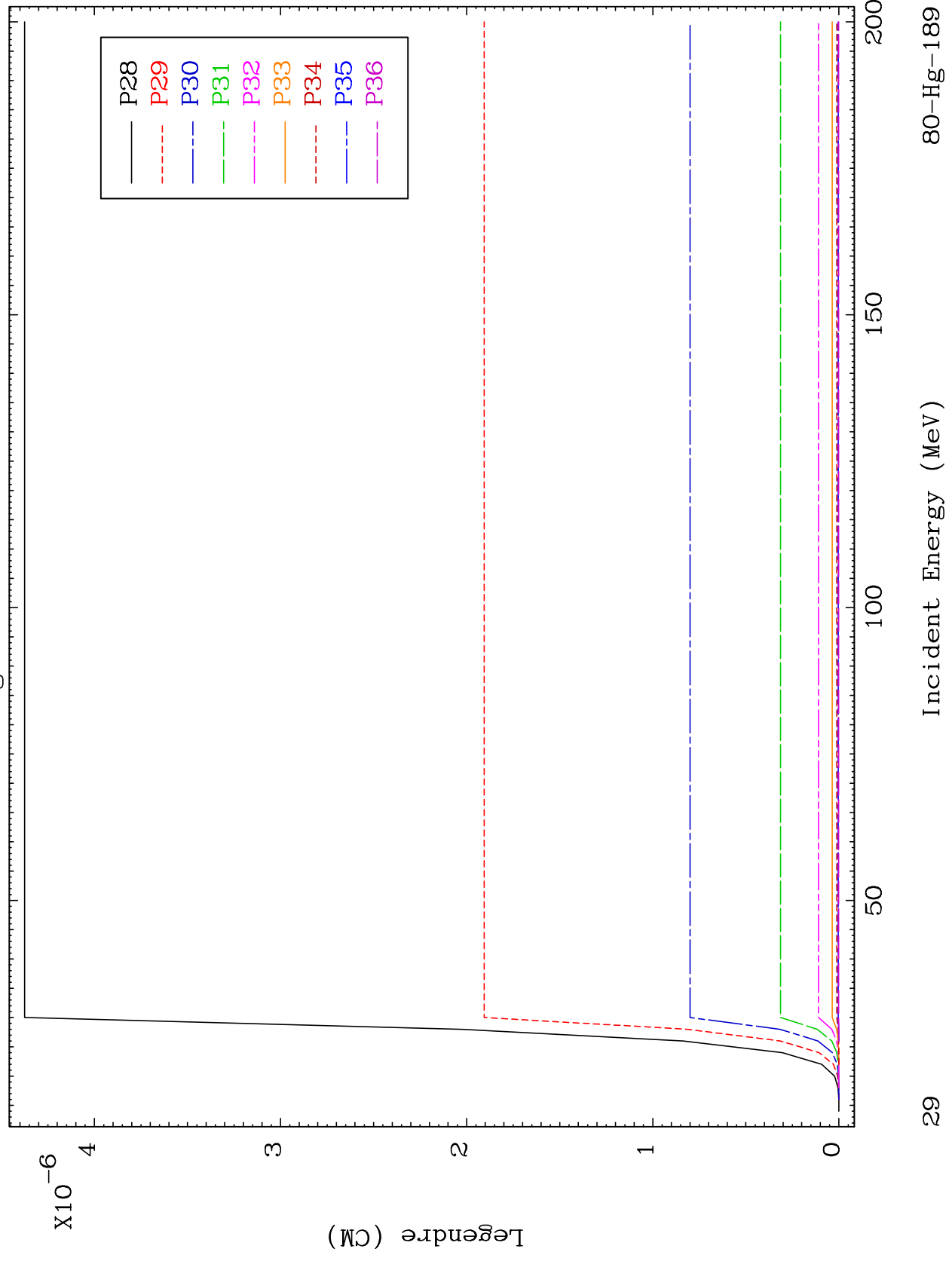
80-Hg-189



MAT 8004

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

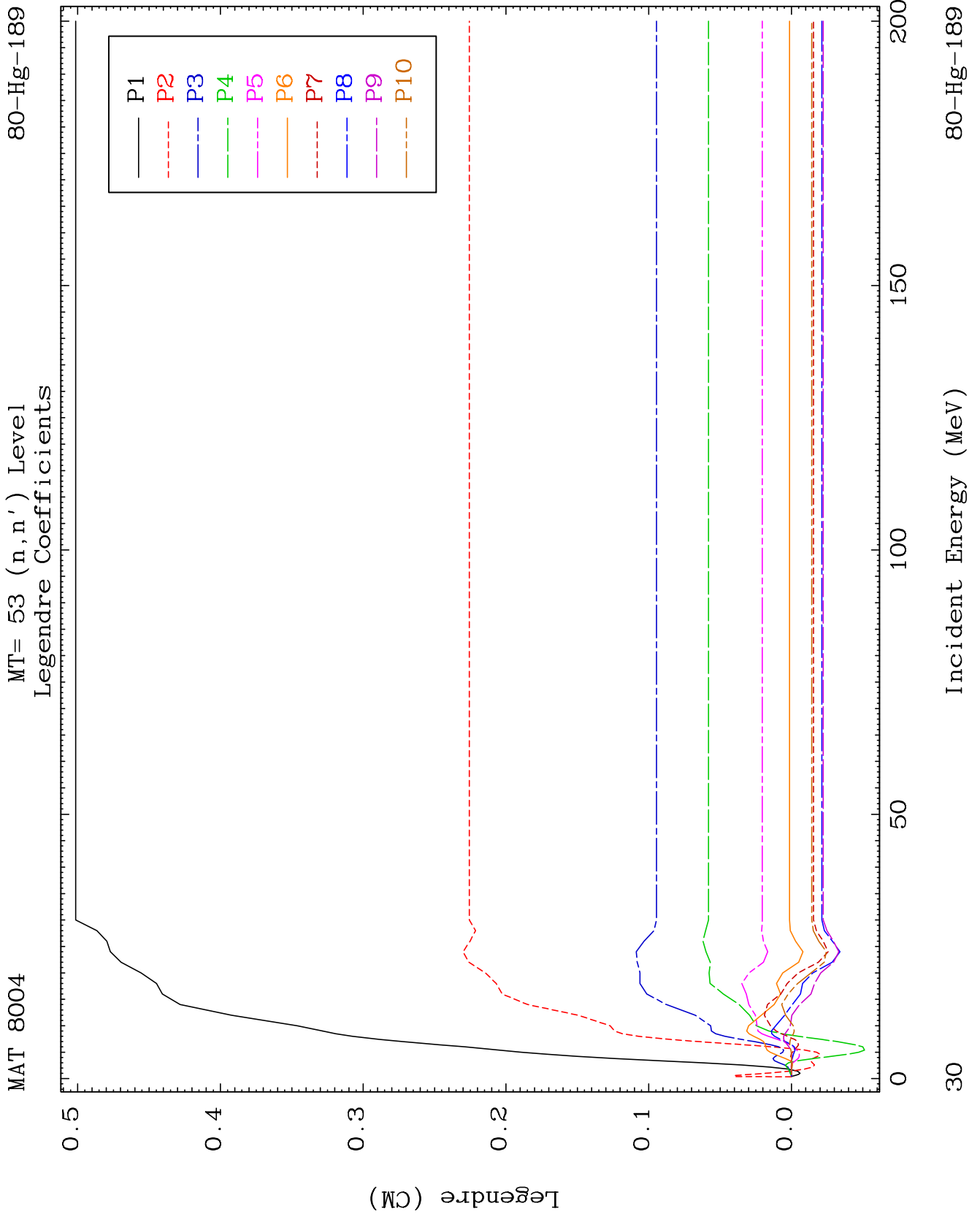
80-Hg-189



29

Incident Energy (MeV)

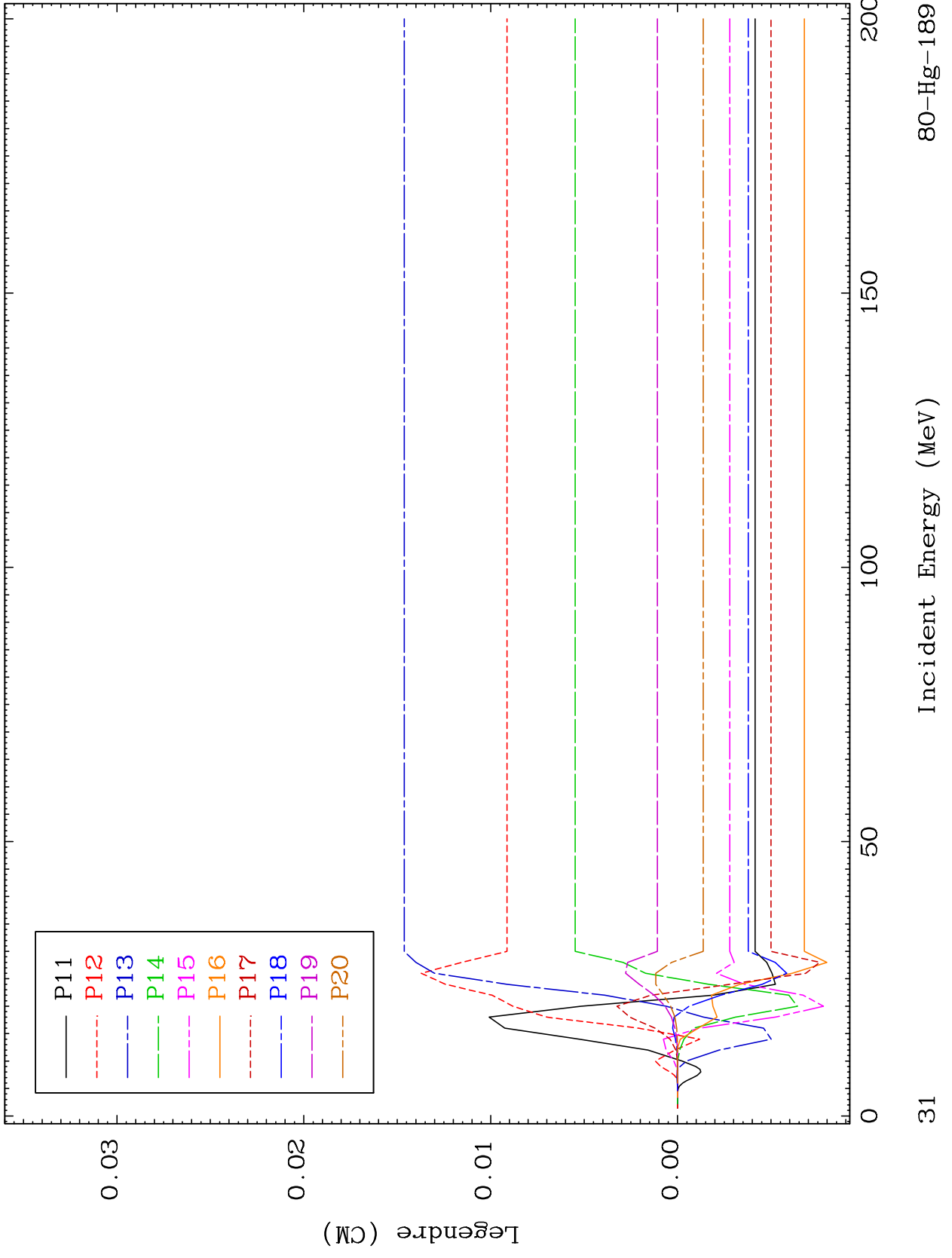
80-Hg-189



MAT 8004

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

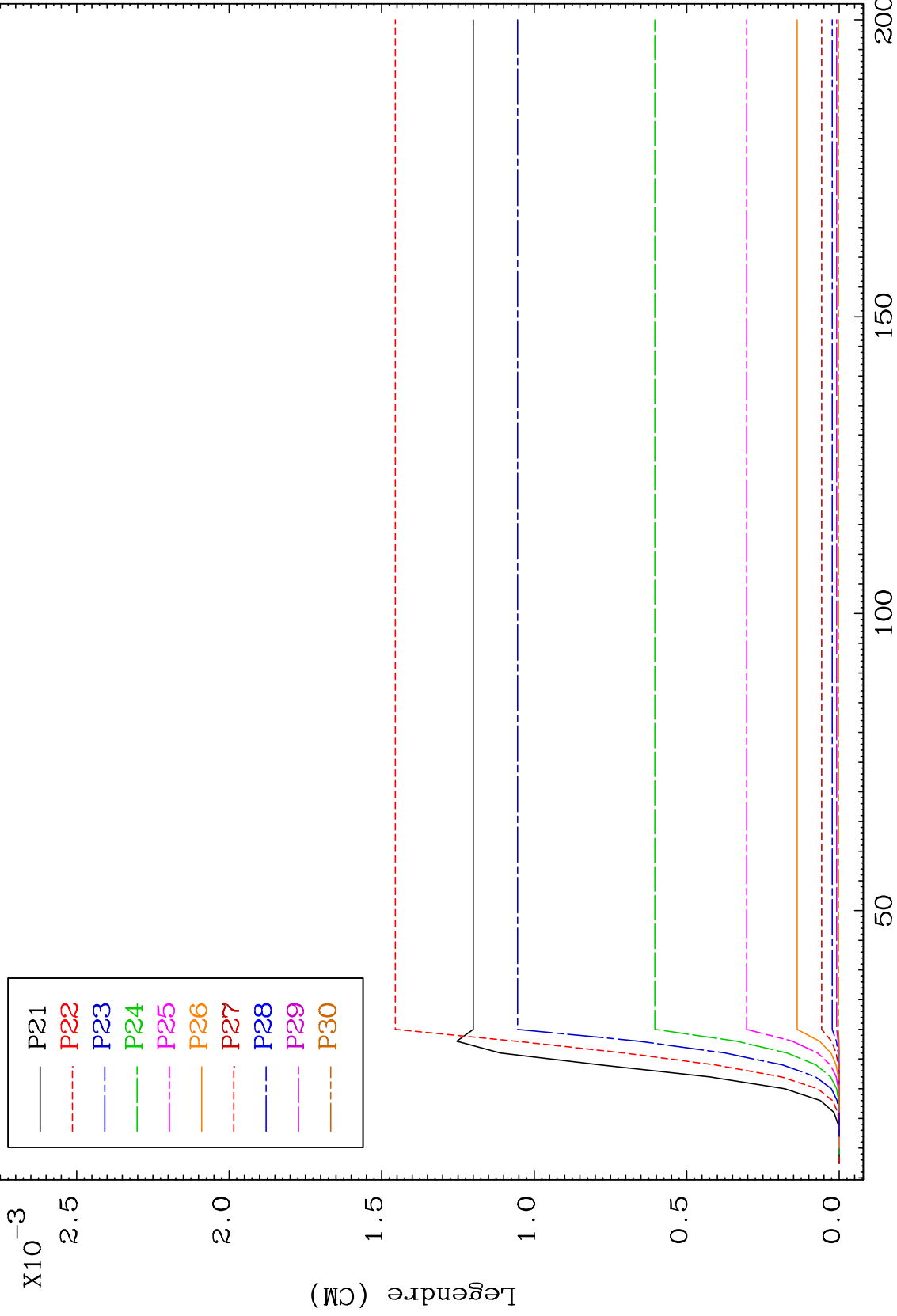
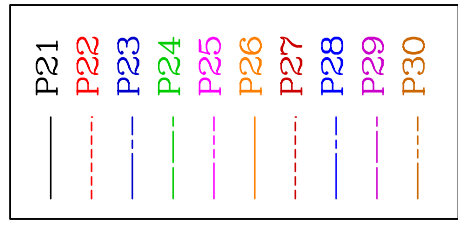
80-Hg-189



MAT 8004

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

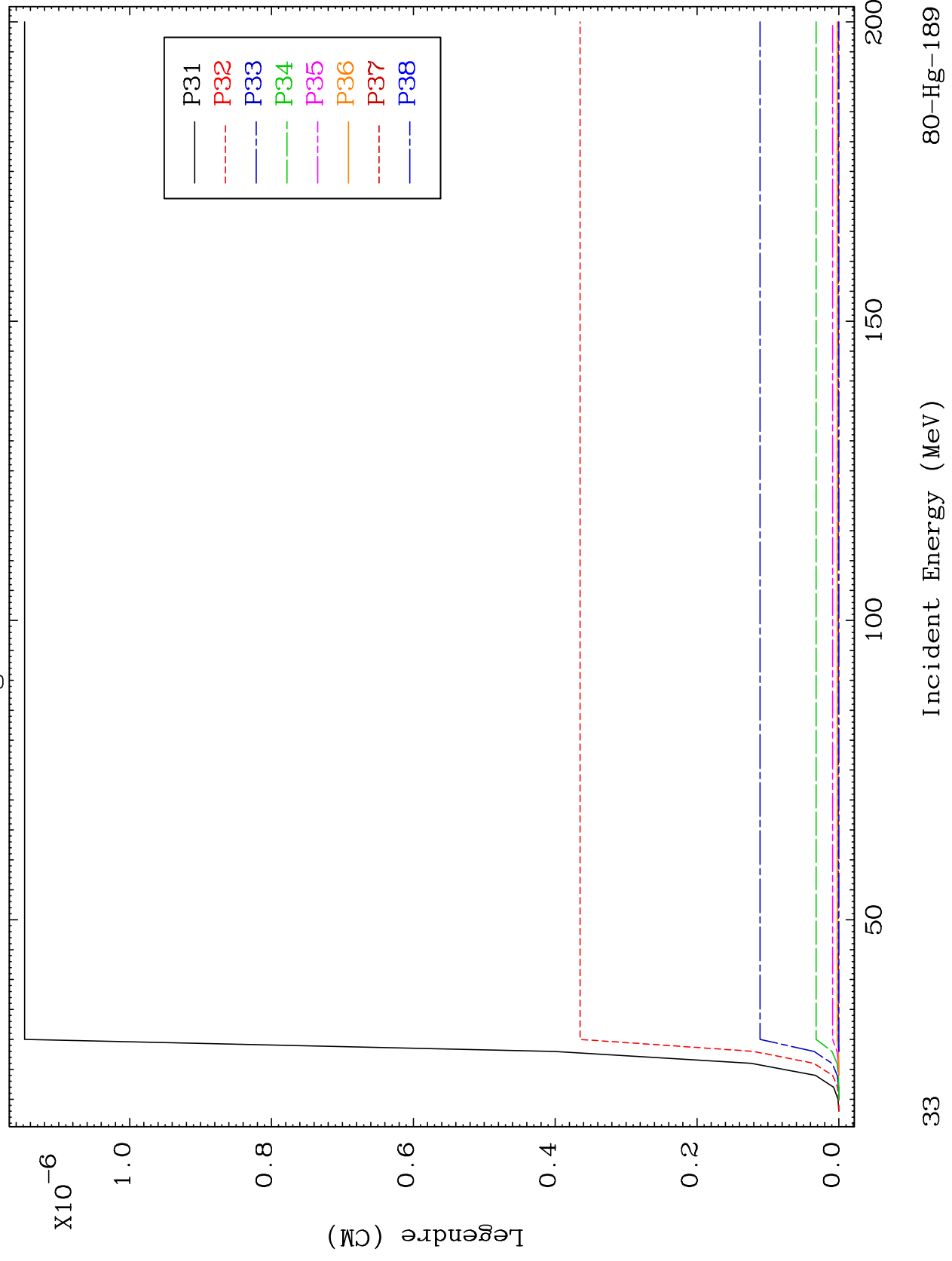
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MAT 8004

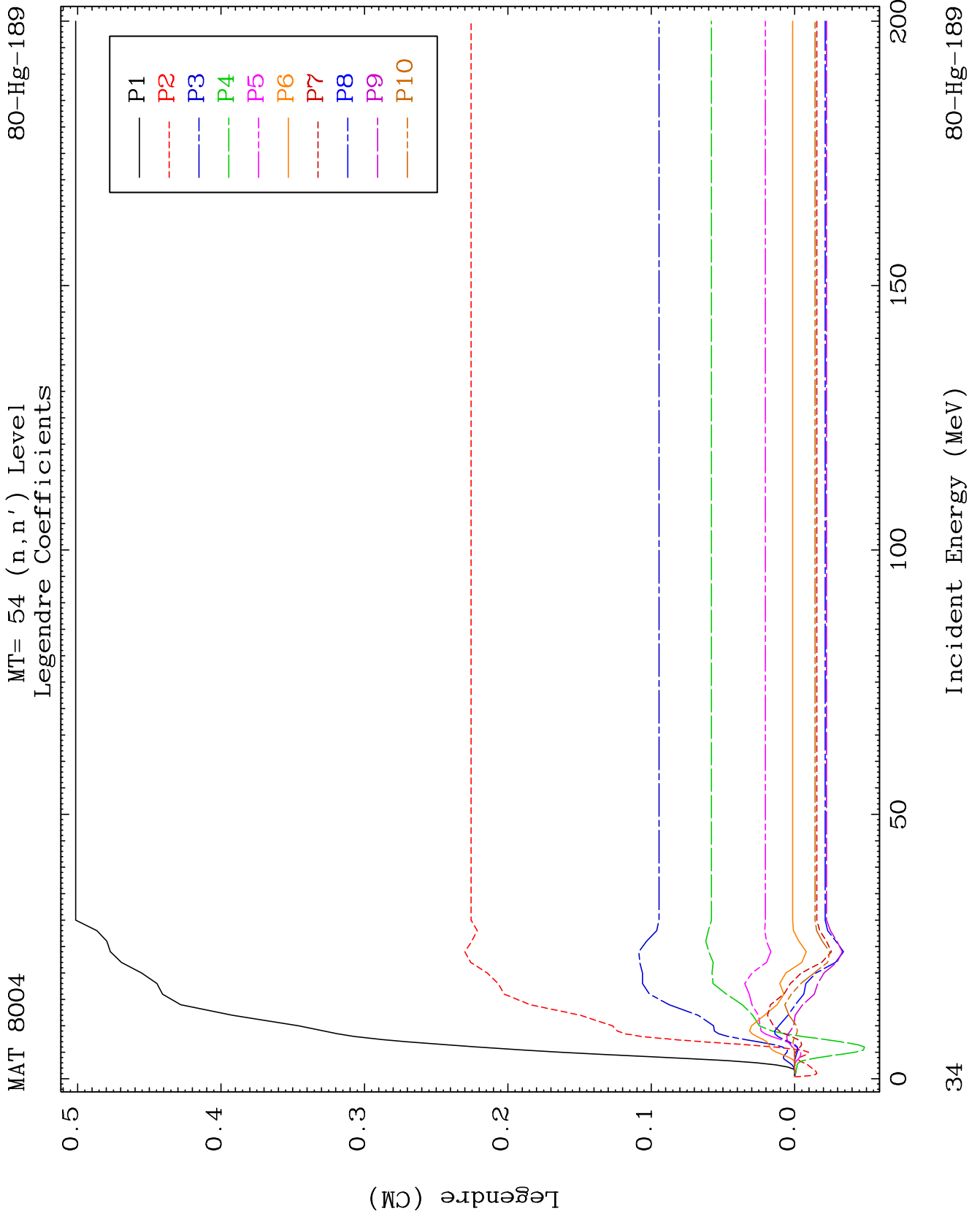
MT= 53 (n,n') Level
Legendre Coefficients

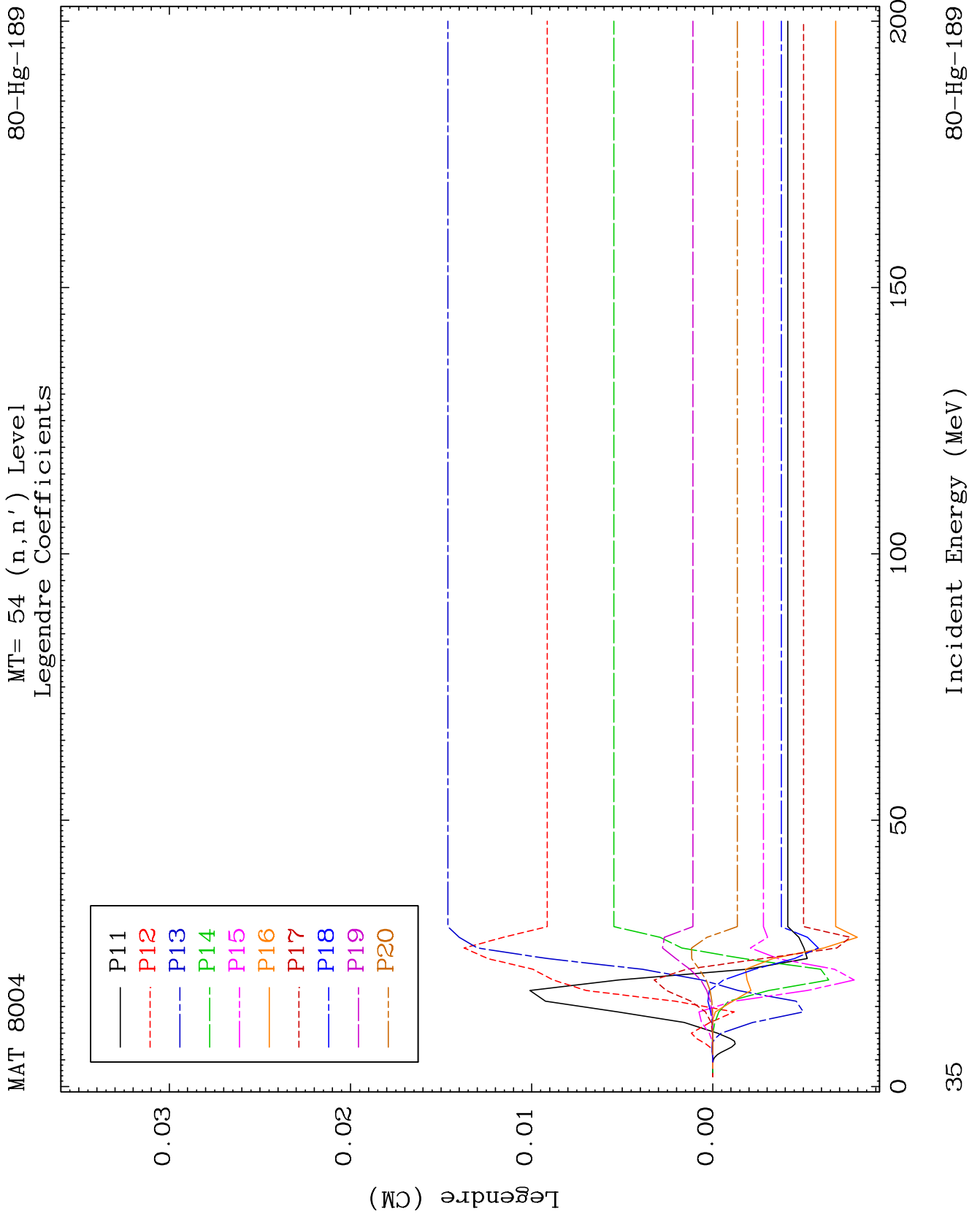
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33

80-Hg-189

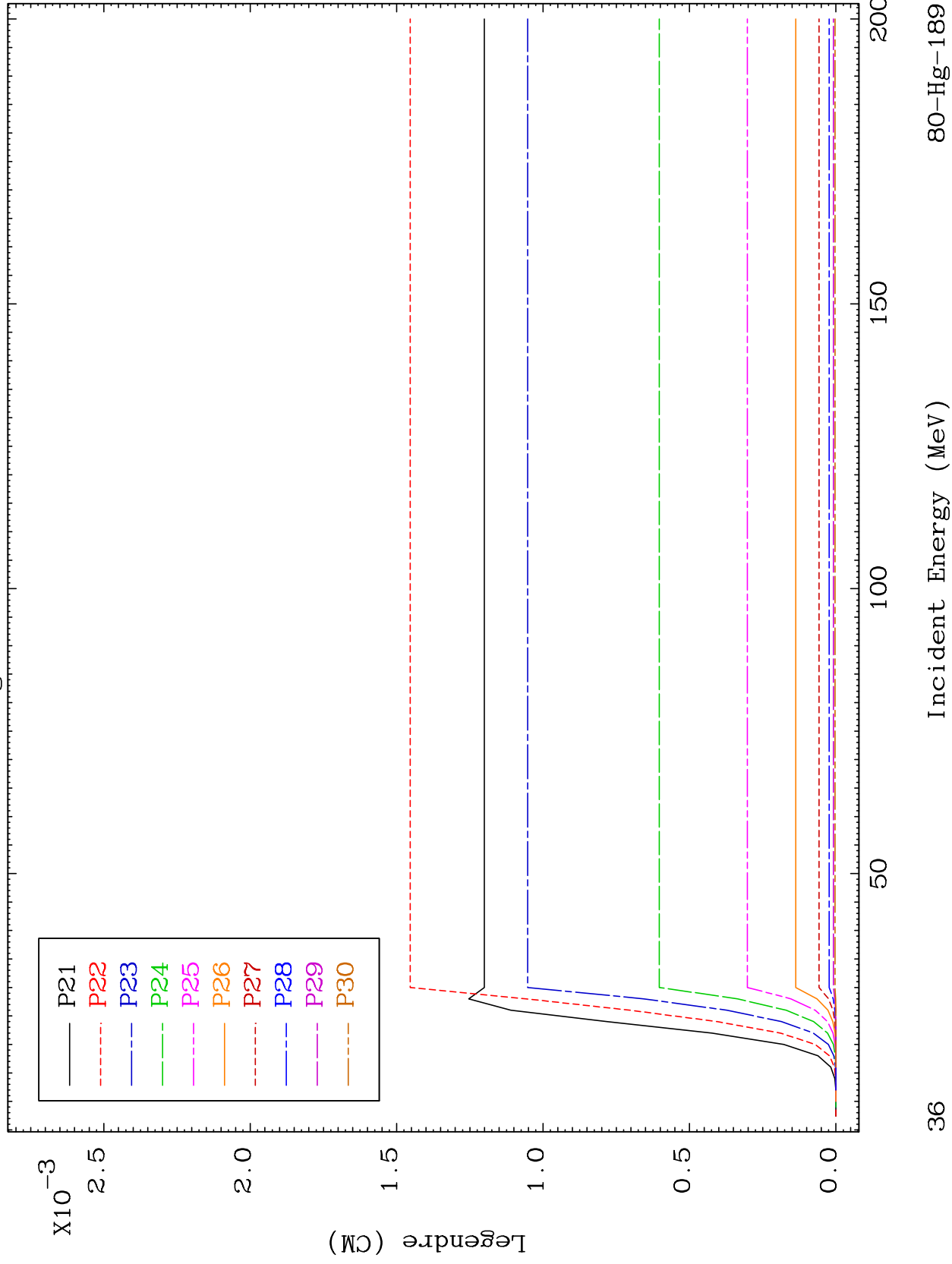




MAT 8004

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

80-Hg-189

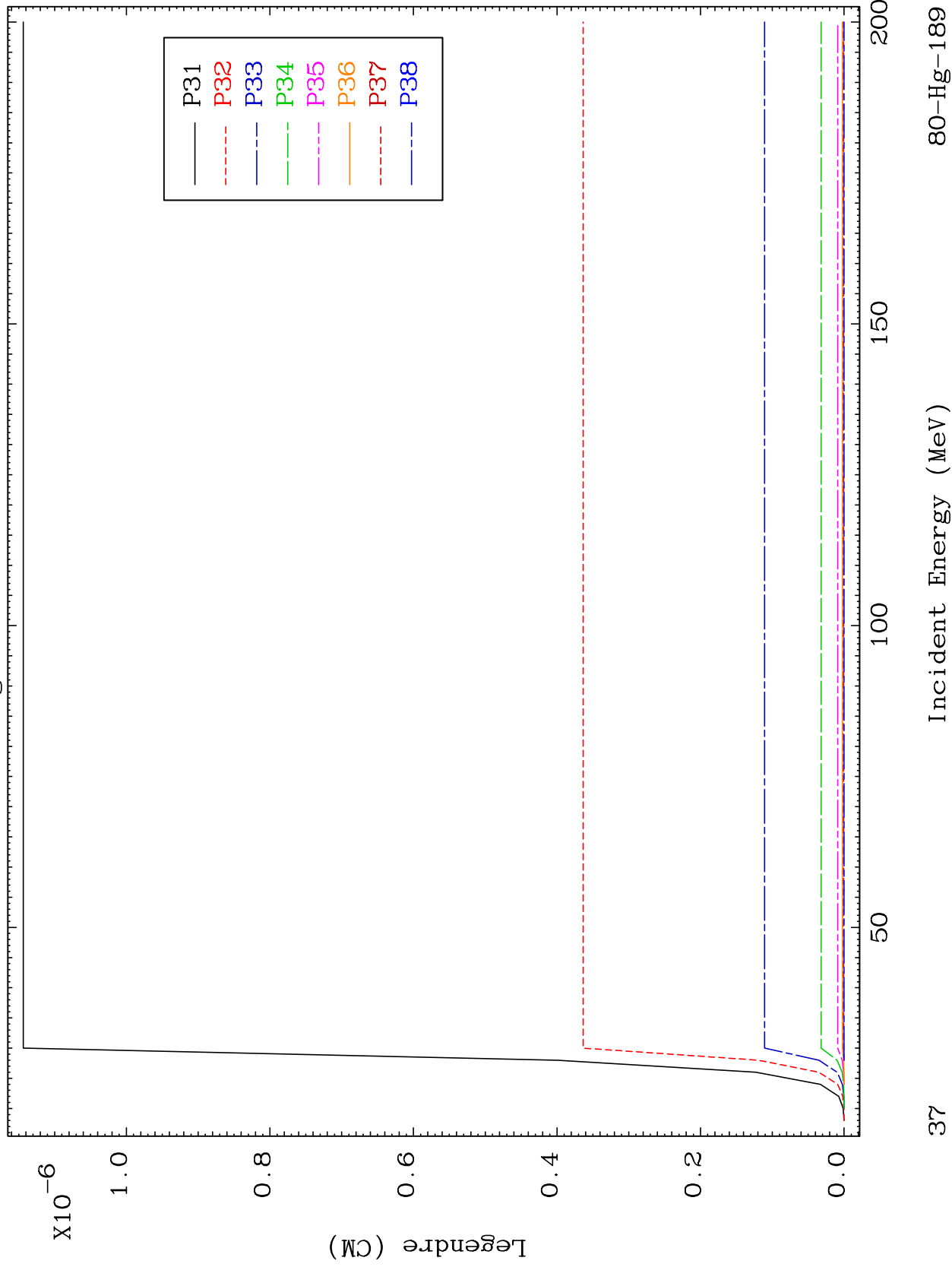


36

MAT 8004

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

80-Hg-189



37

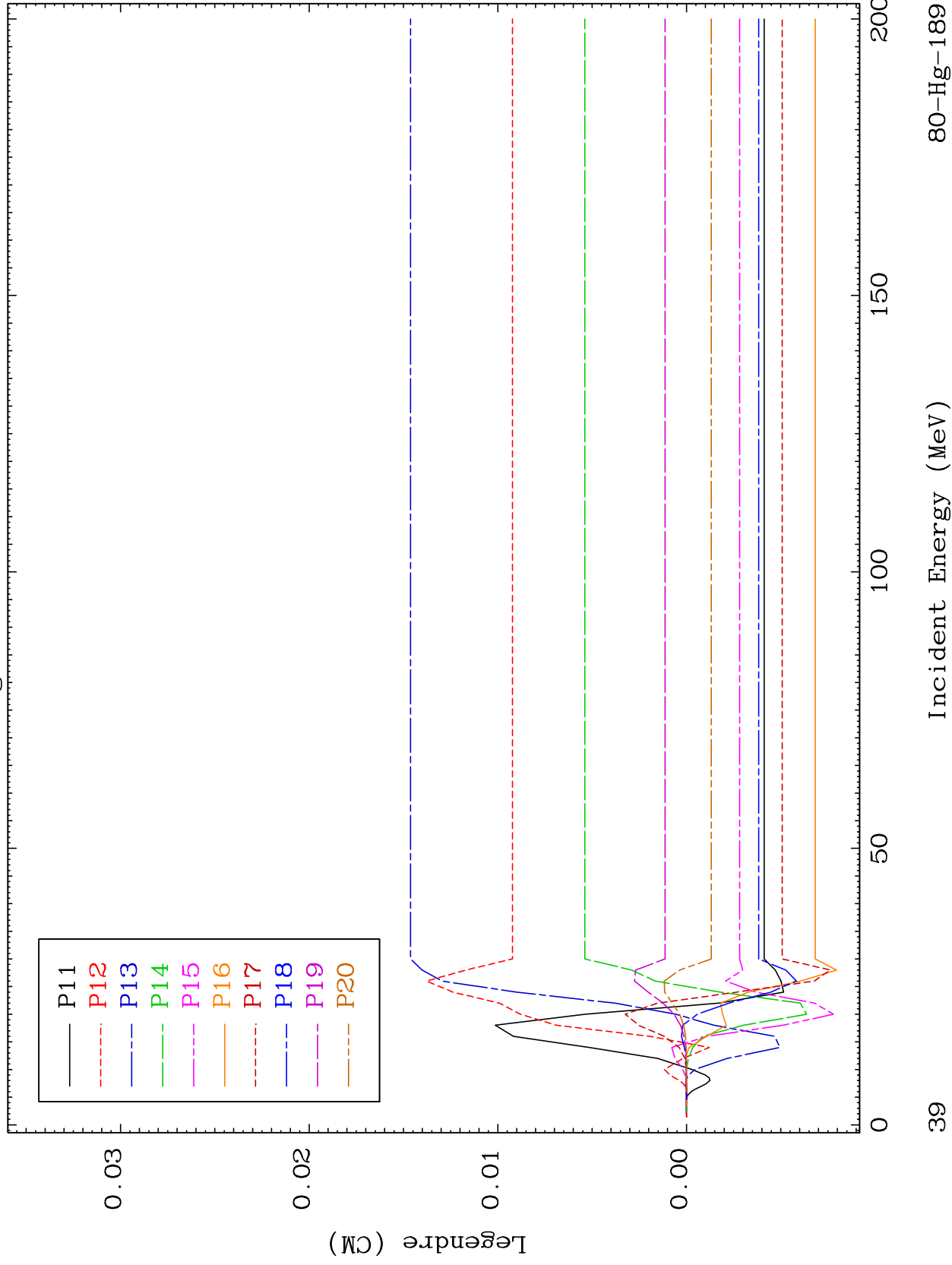
Incident Energy (MeV)

80-Hg-189

MAT 8004

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

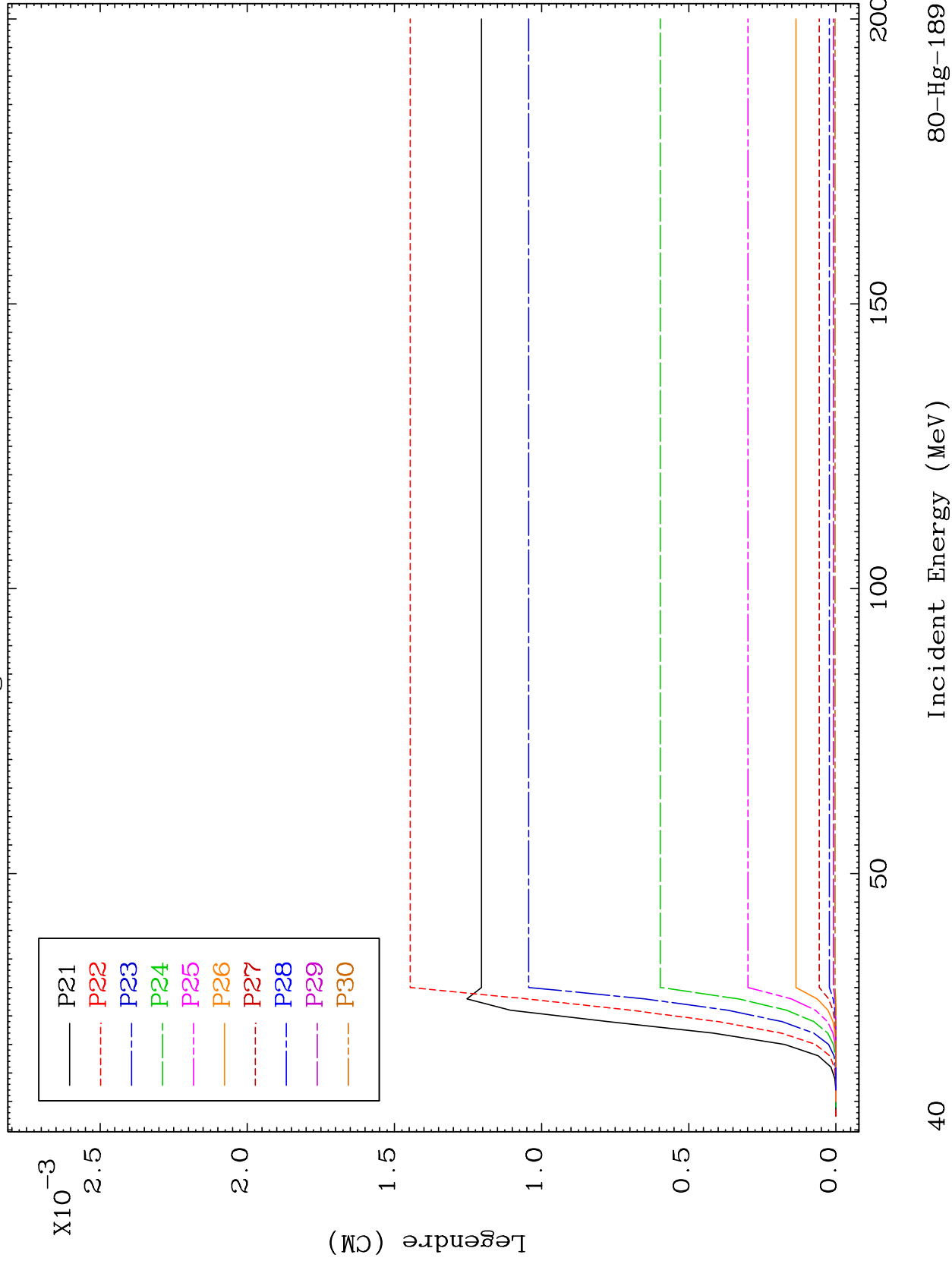
80-Hg-189



MAT 8004

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

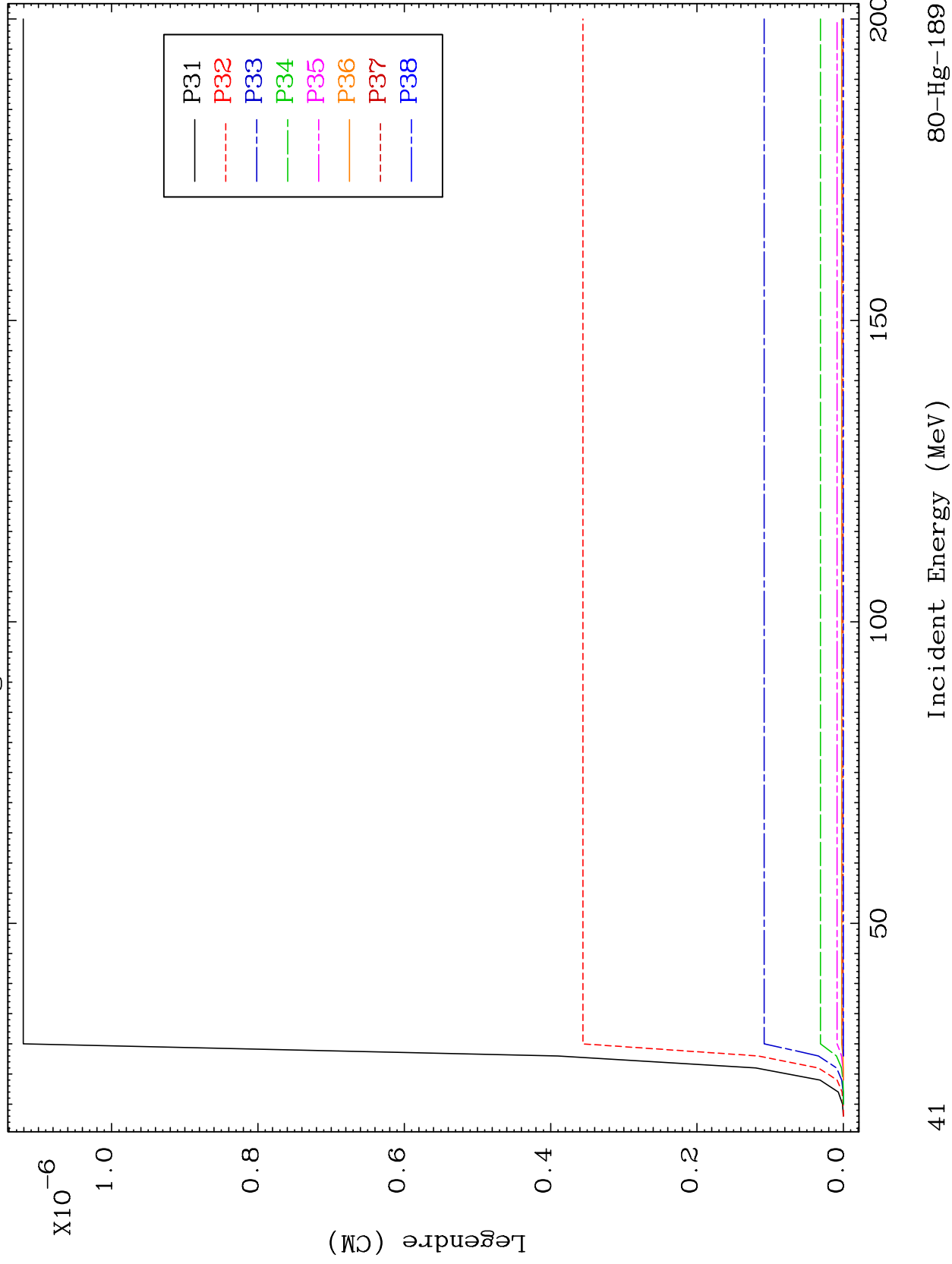
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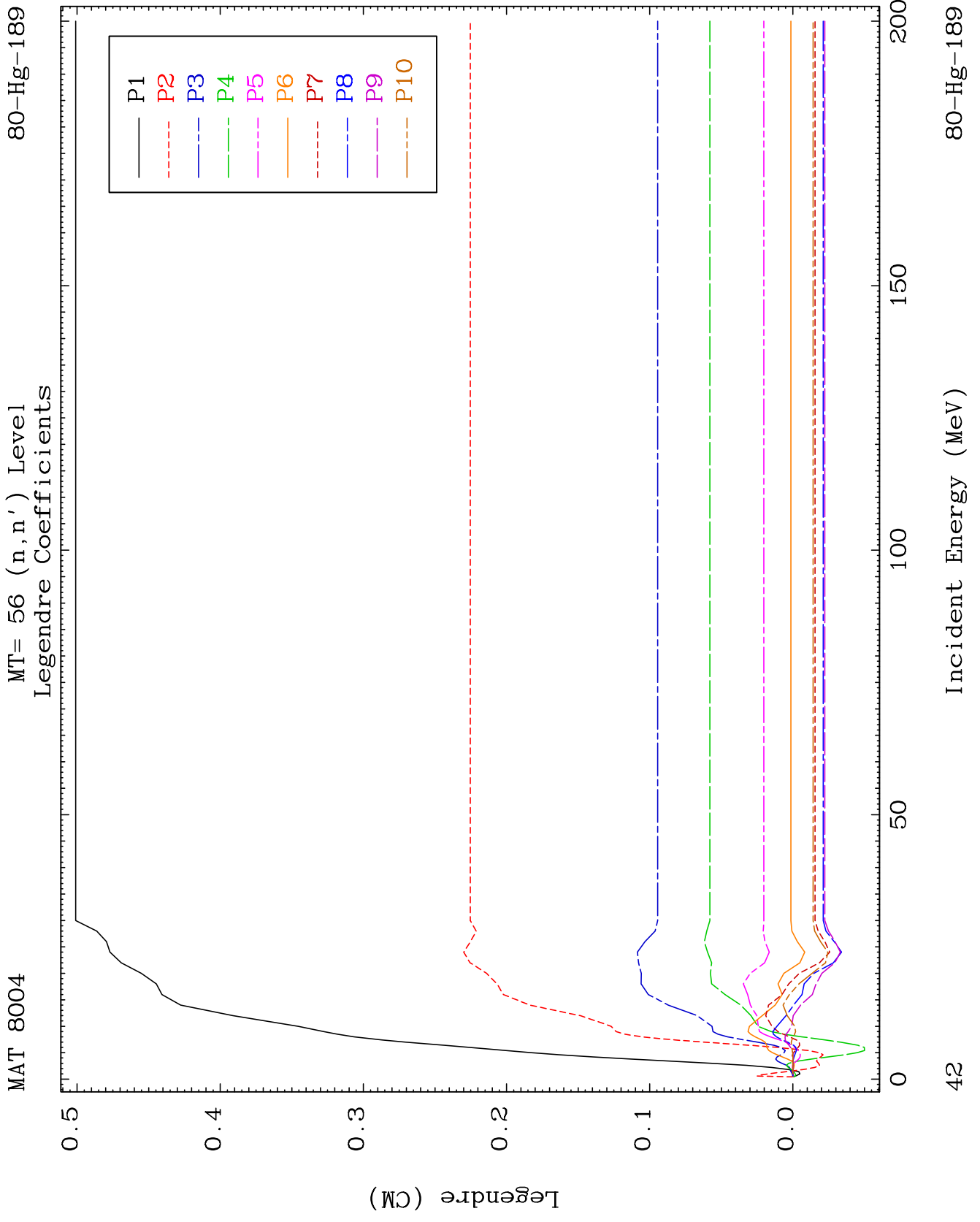


MAT 8004

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

80-Hg-189

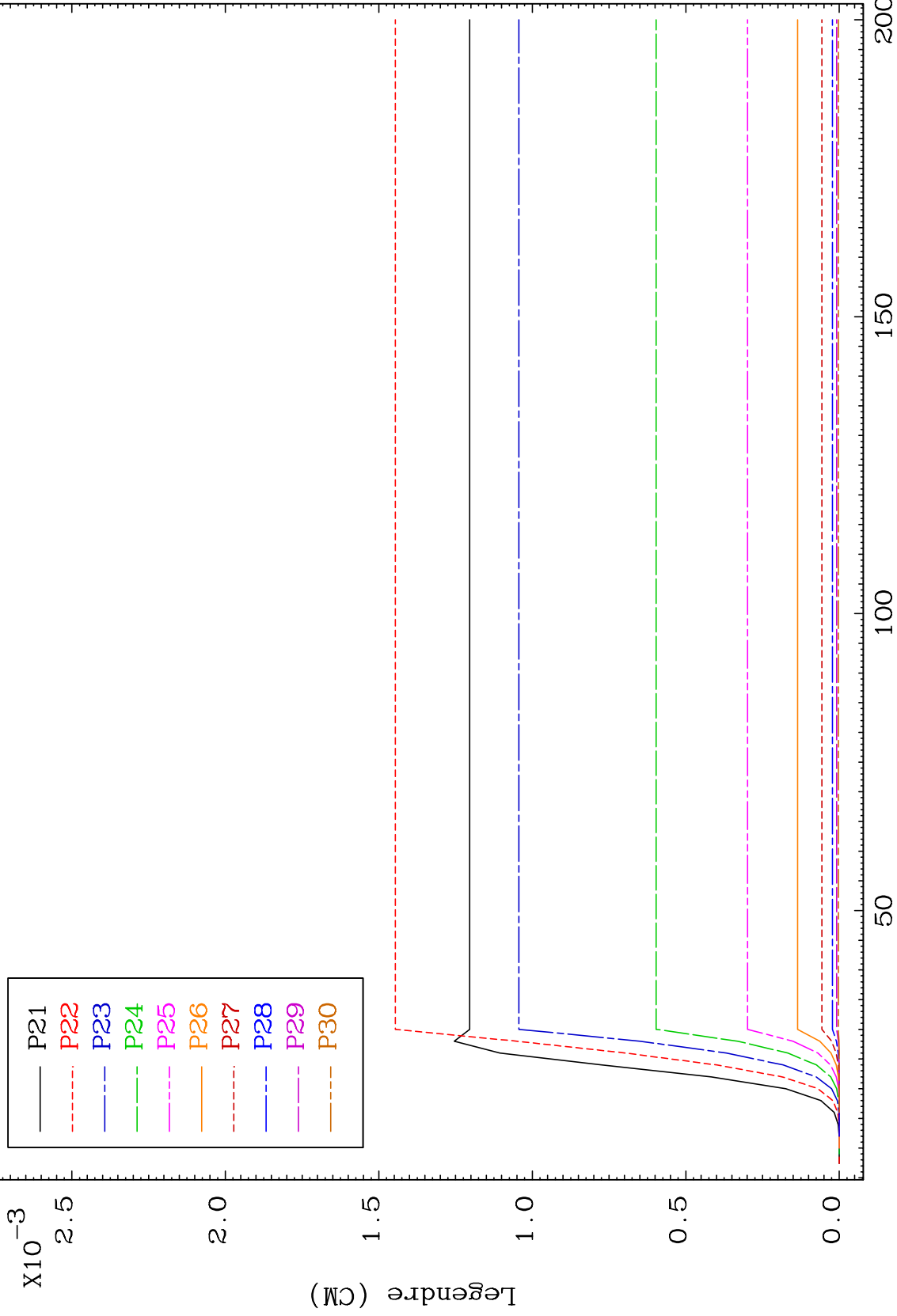
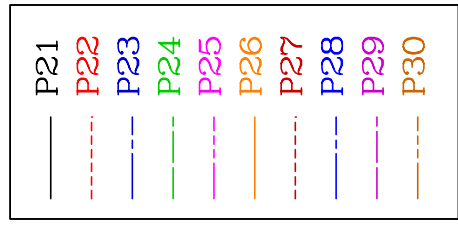




MAT 8004

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

80-Hg-189



44

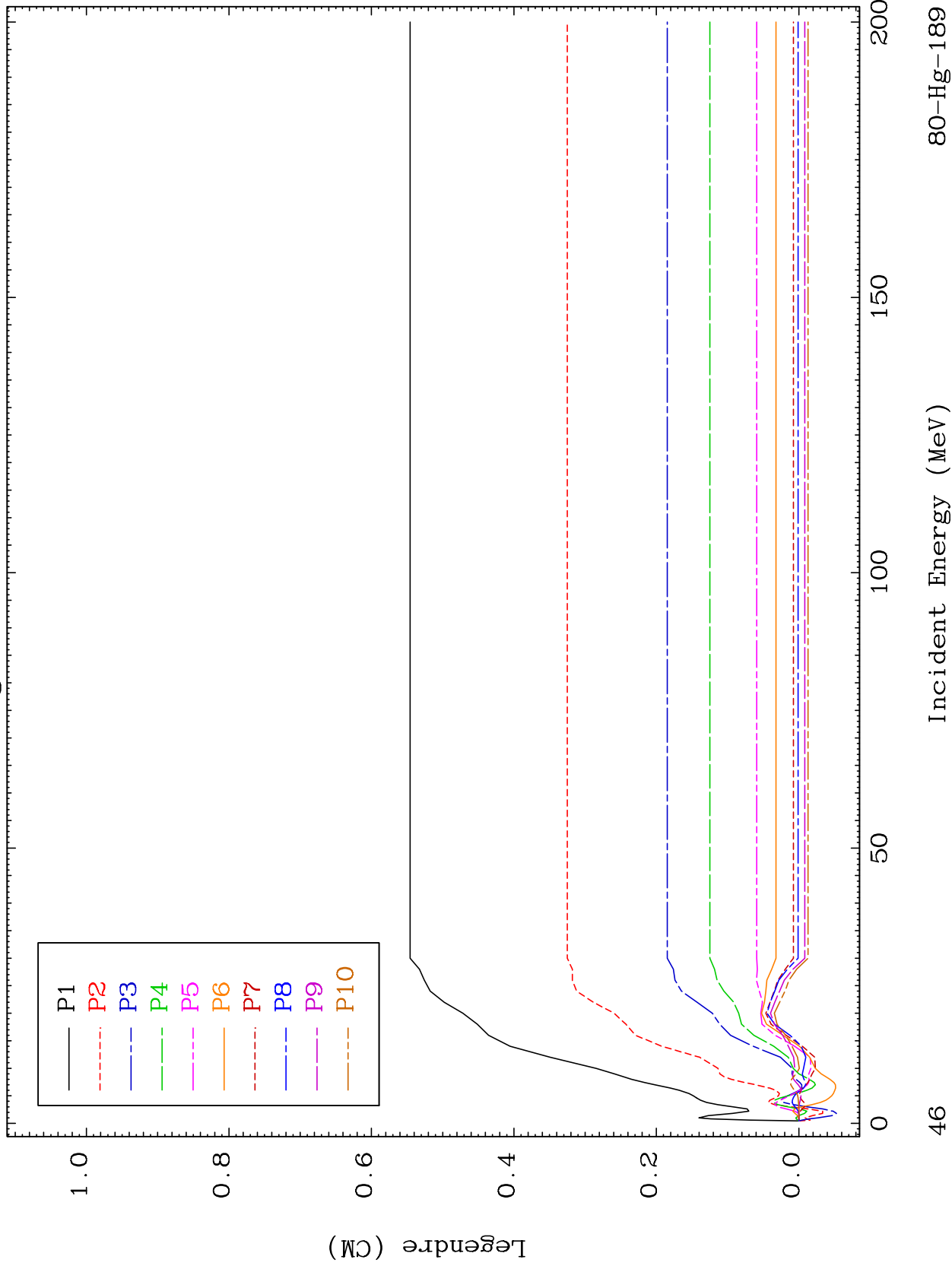
Incident Energy (MeV)

80-Hg-189

MAT 8004

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

80-Hg-189



80-Hg-189

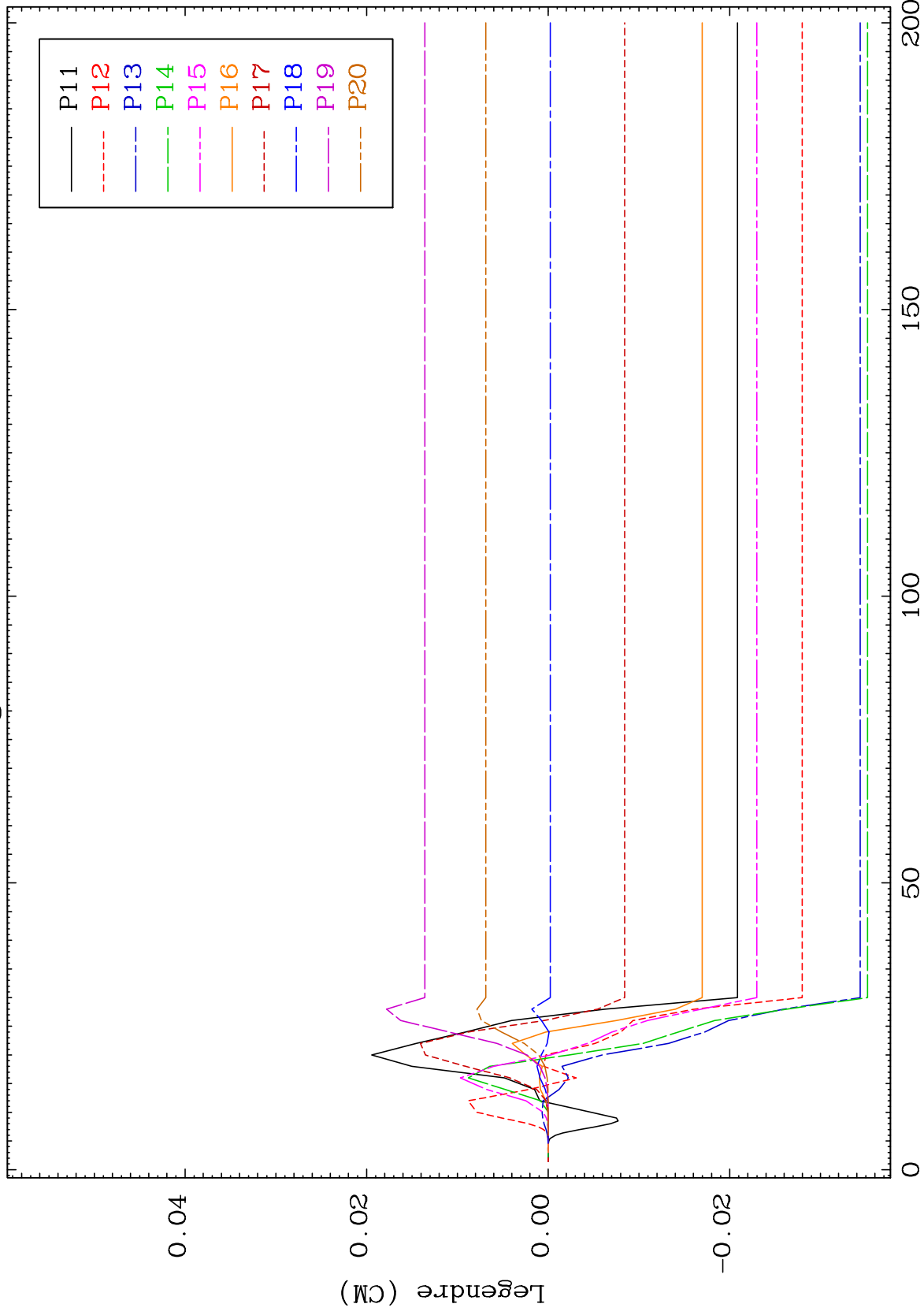
Incident Energy (MeV)

46

MAT 8004

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

80-Hg-189



47

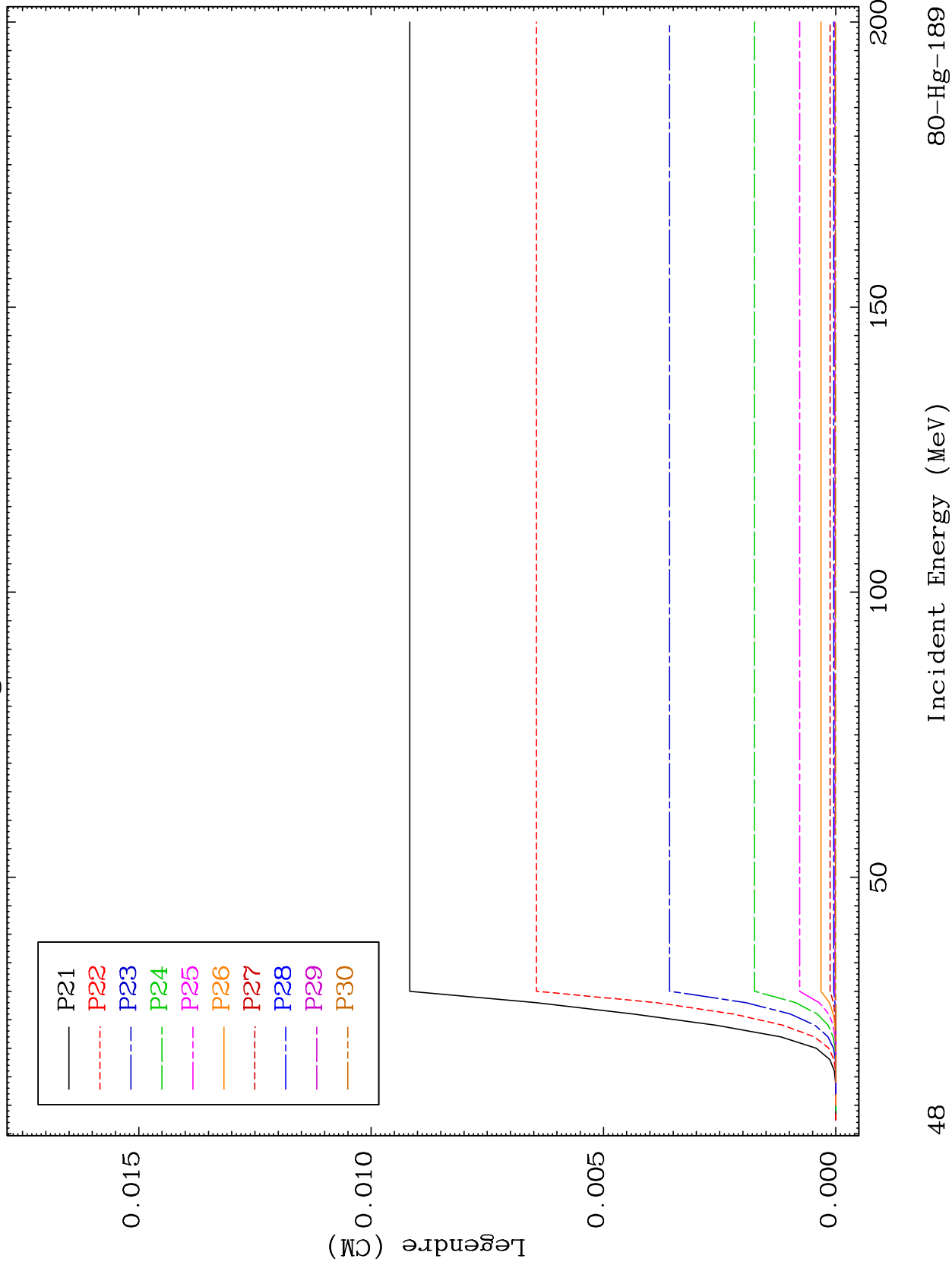
Incident Energy (MeV)

80-Hg-189

MAT 8004

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

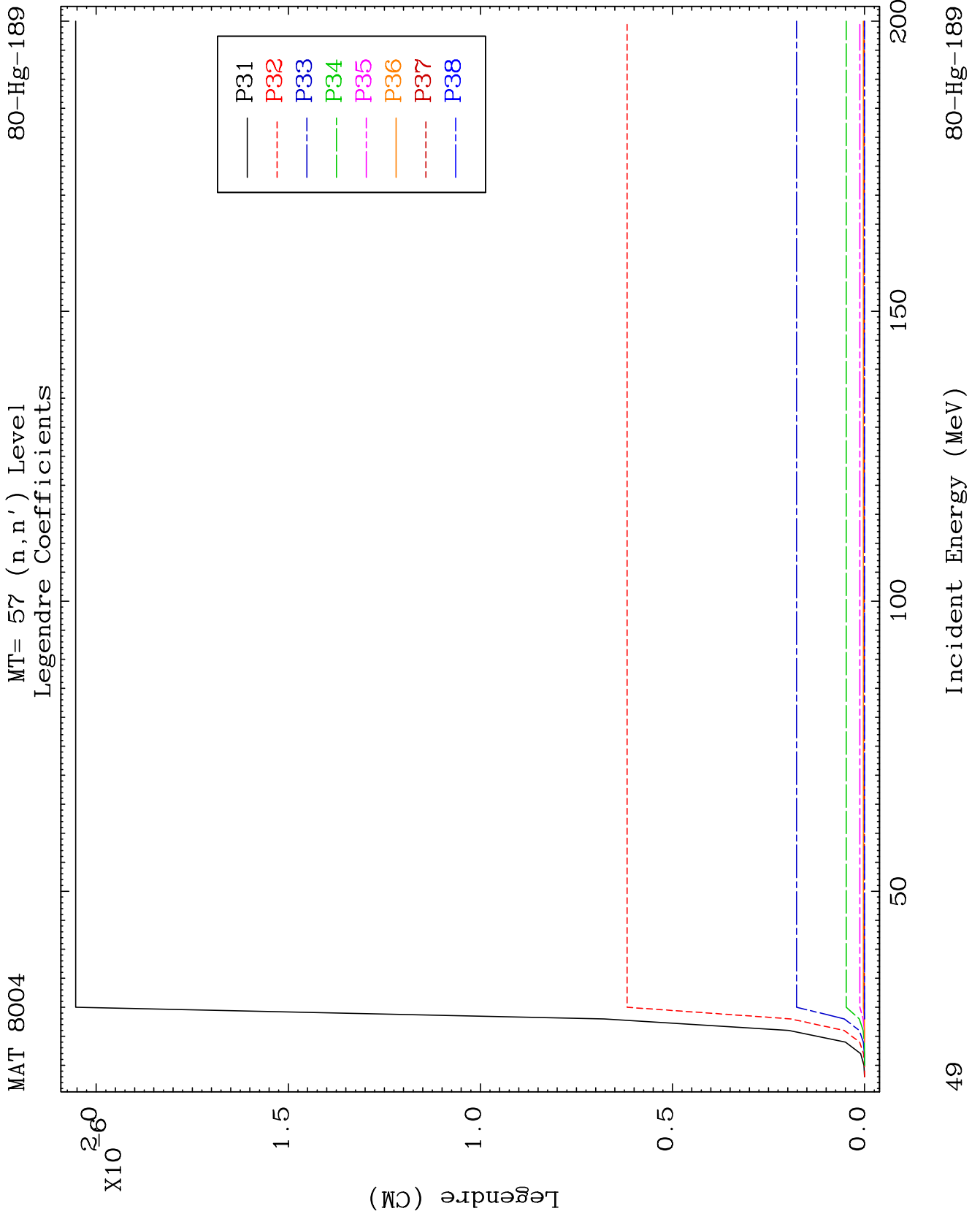
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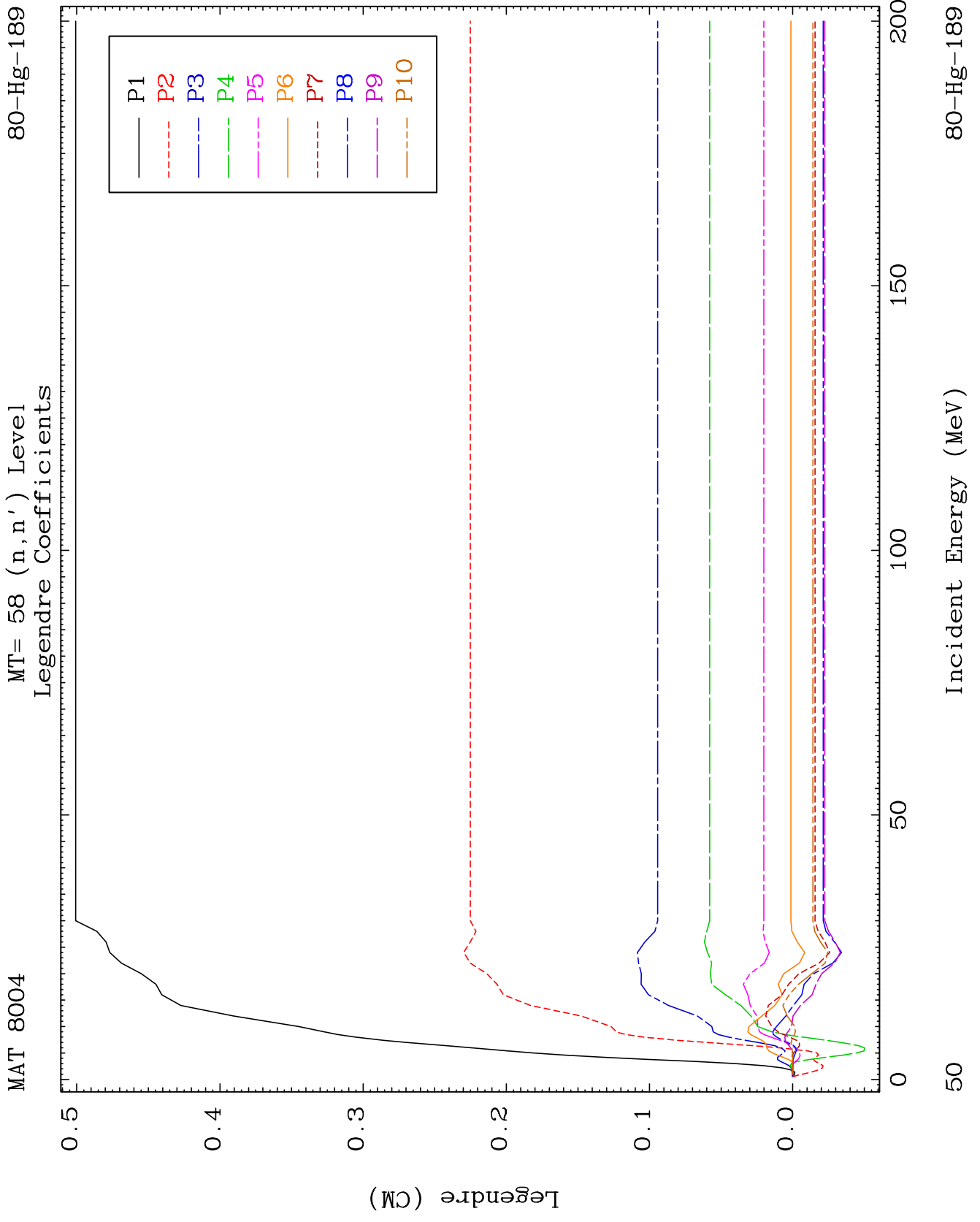


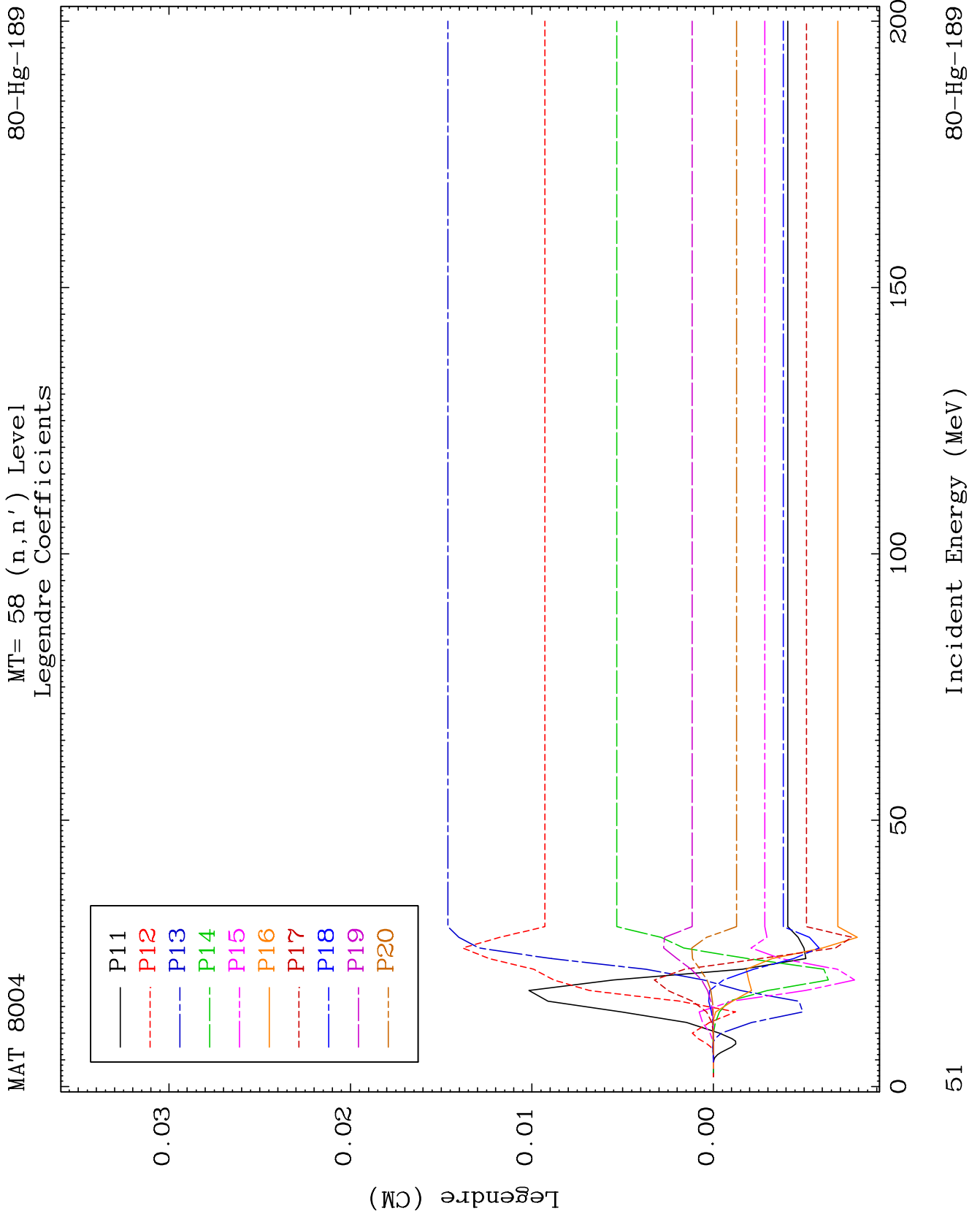
48

Incident Energy (MeV)

80-Hg-189



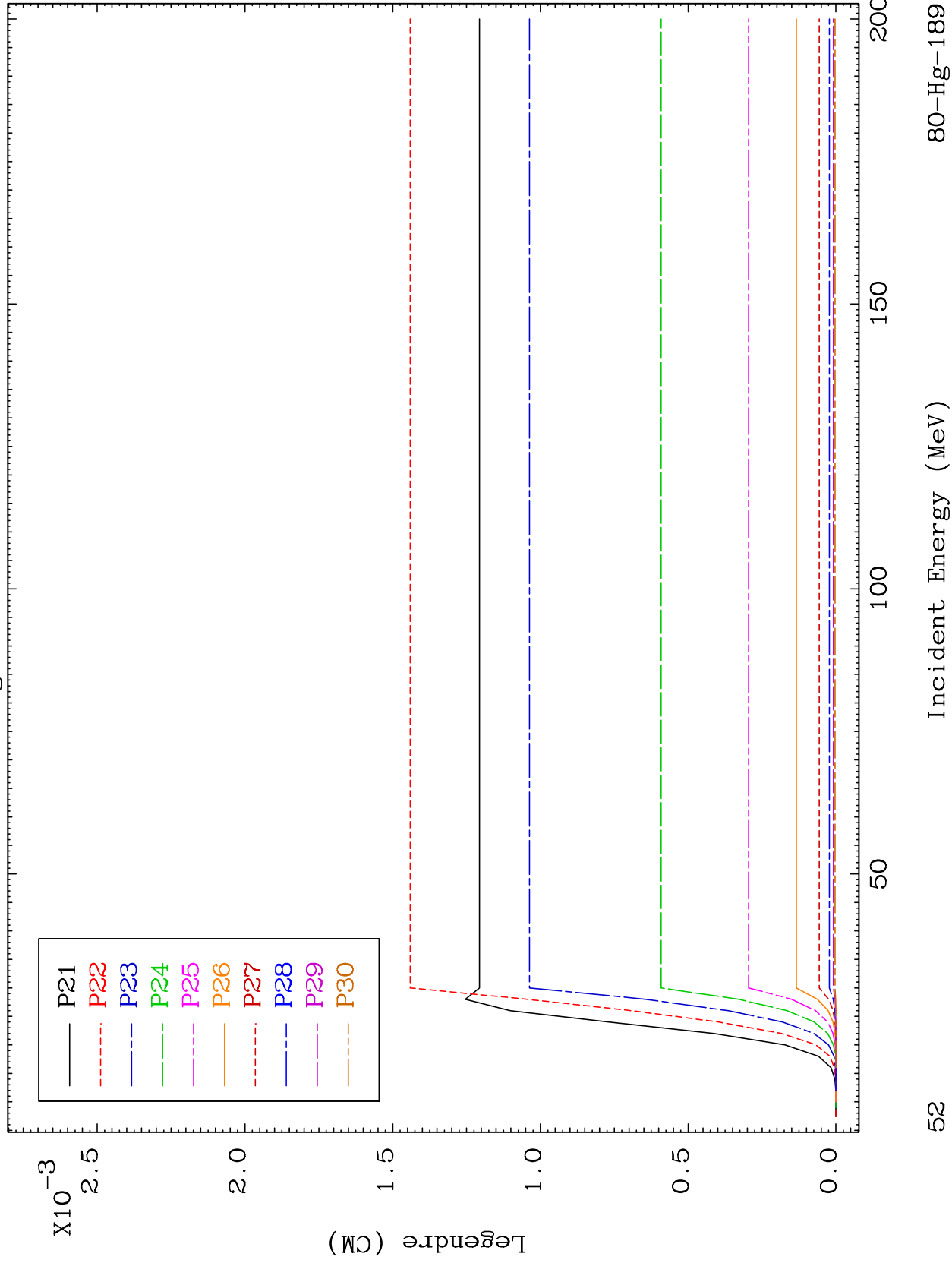




MAT 8004

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

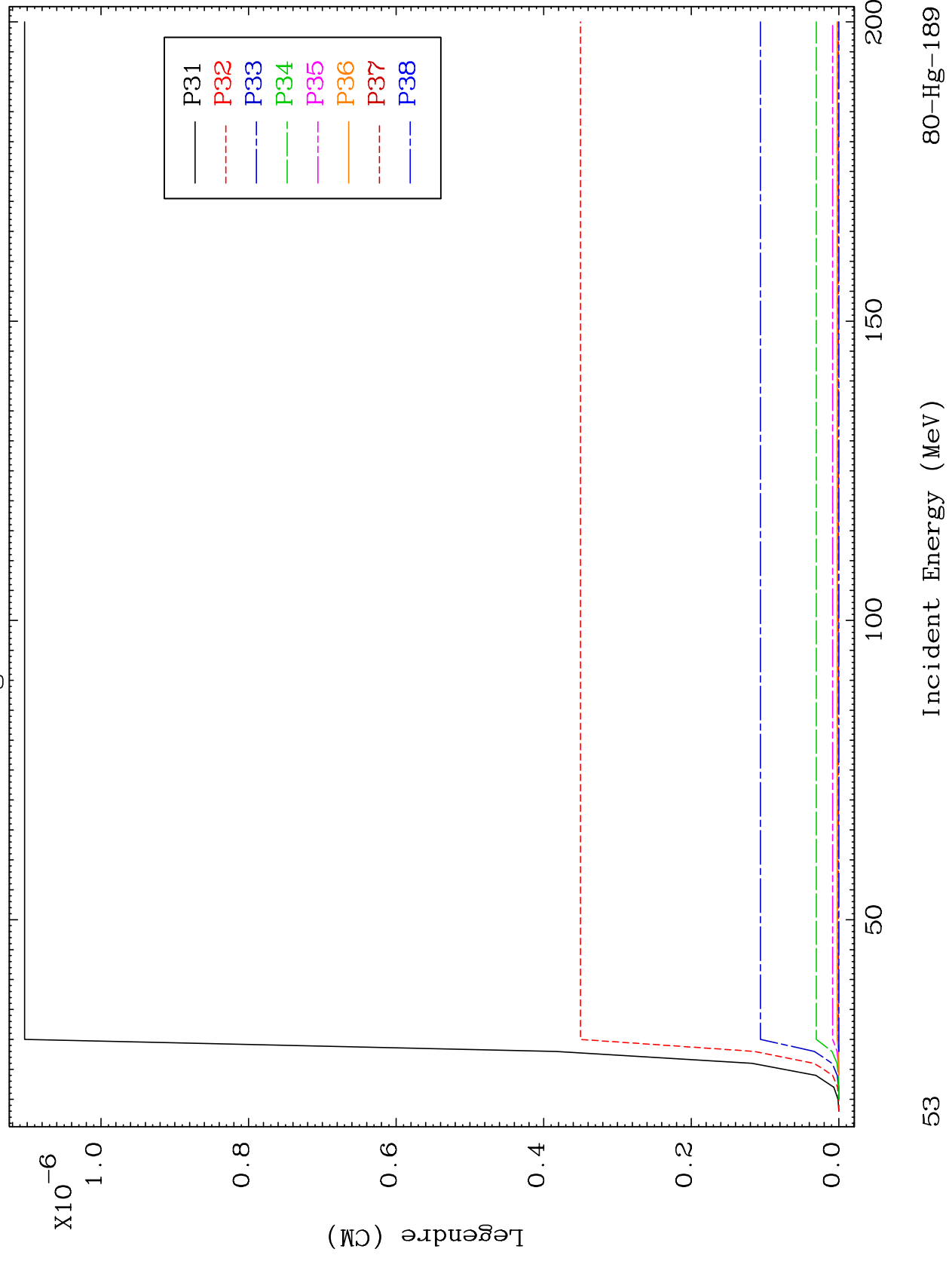
80-Hg-189



MAT 8004

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

80-Hg-189



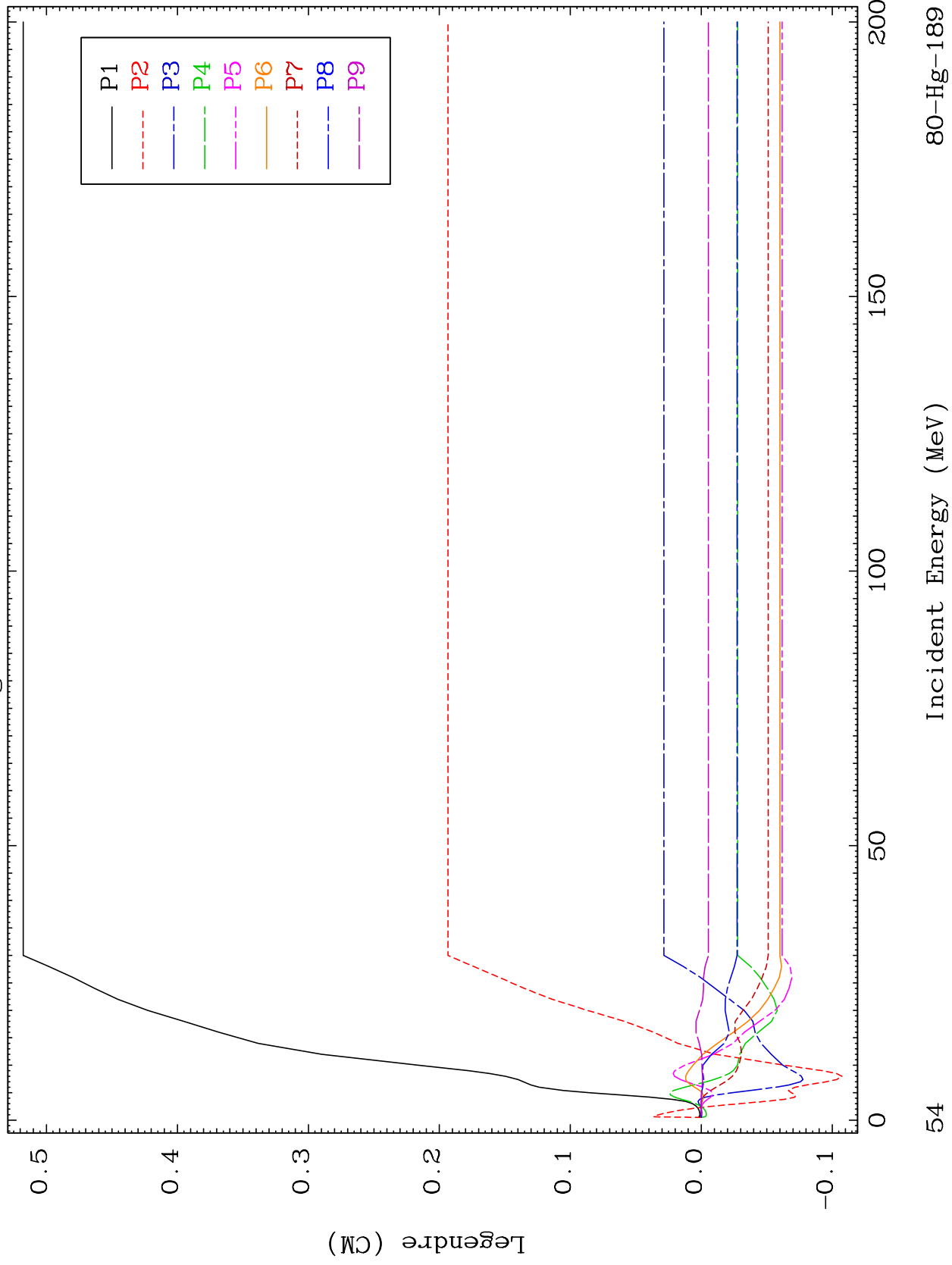
53

80-Hg-189

MAT 8004

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

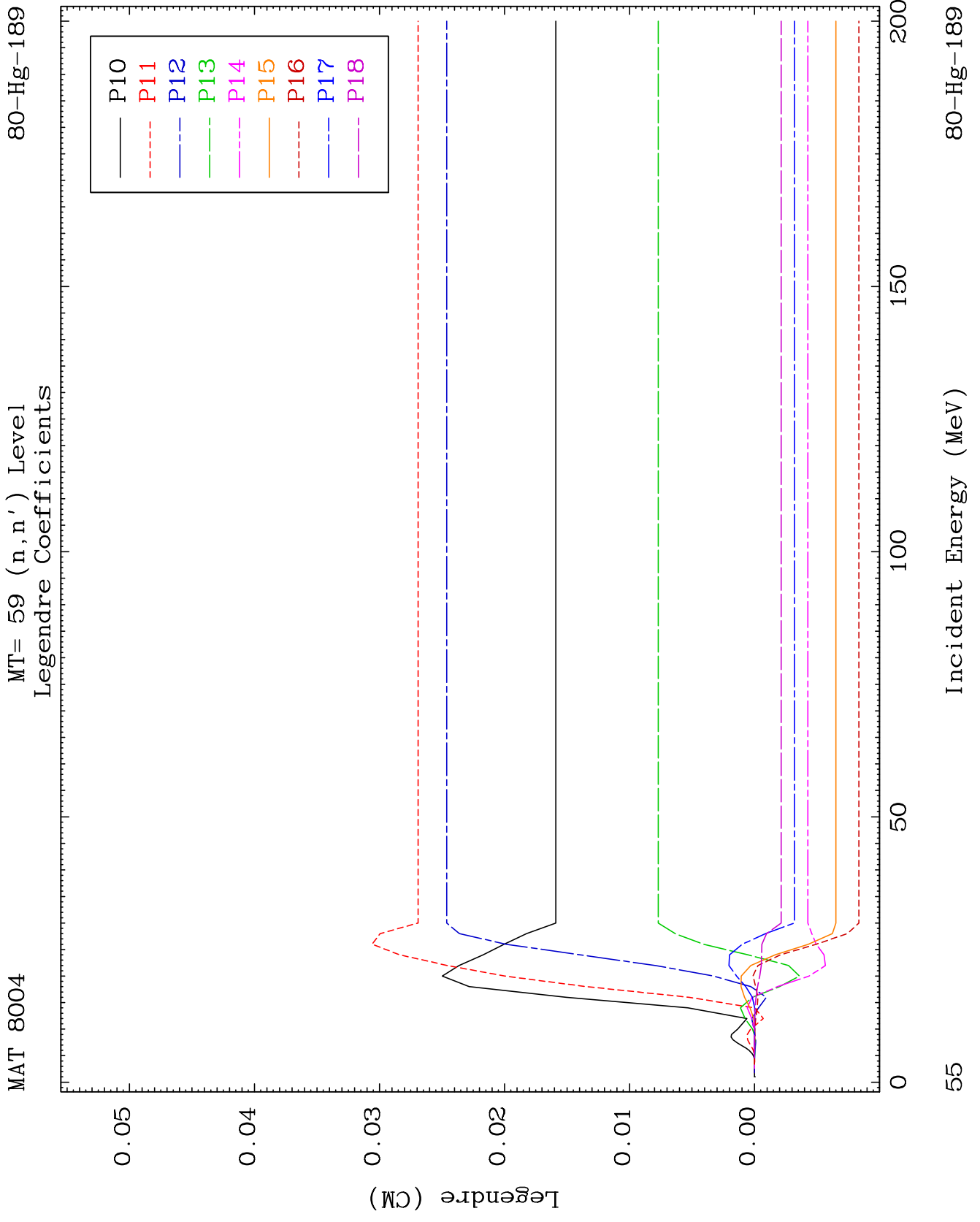
80-Hg-189



54

Incident Energy (MeV)

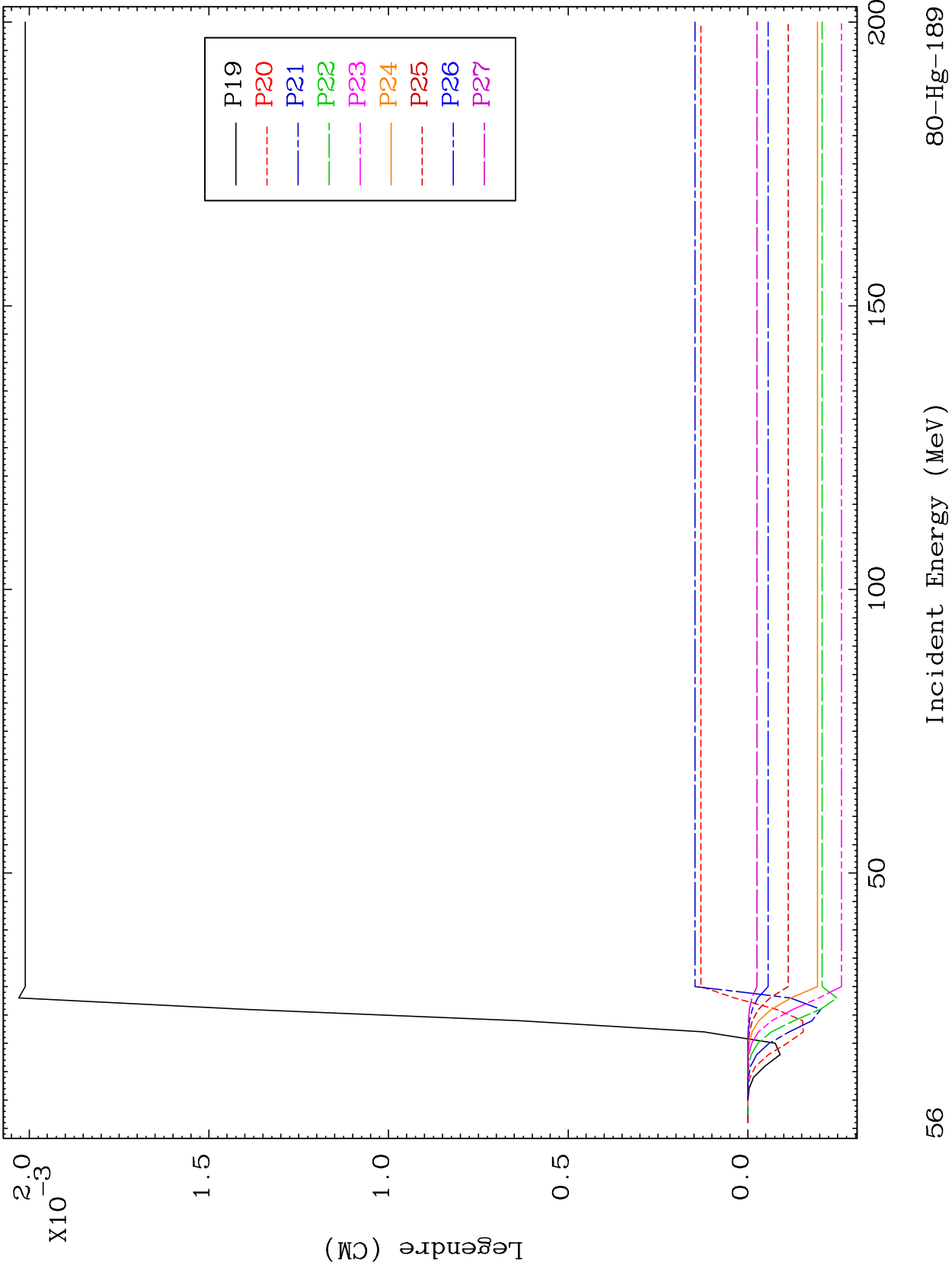
80-Hg-189



MAT 8004

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

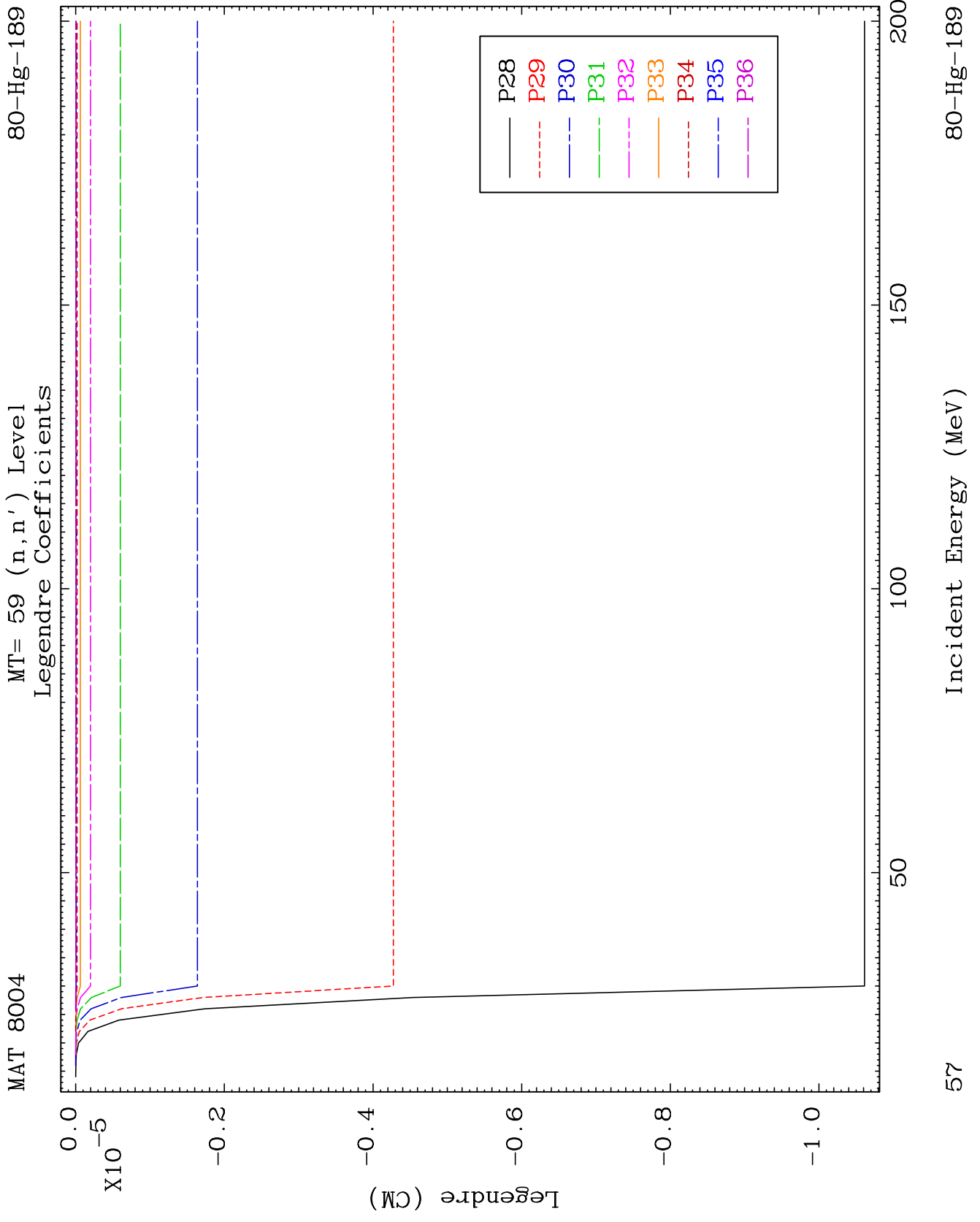
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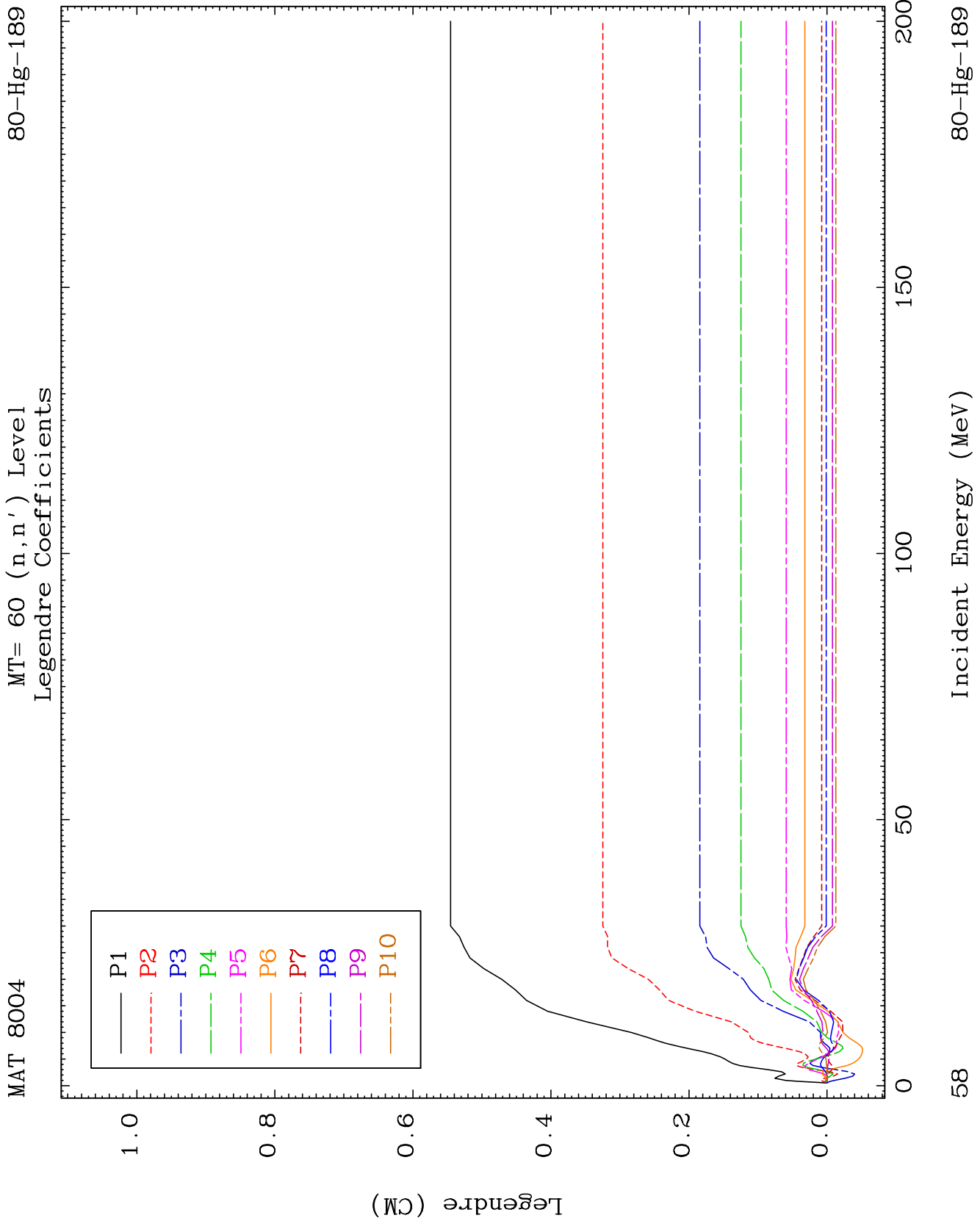


56

Incident Energy (MeV)

80-Hg-189

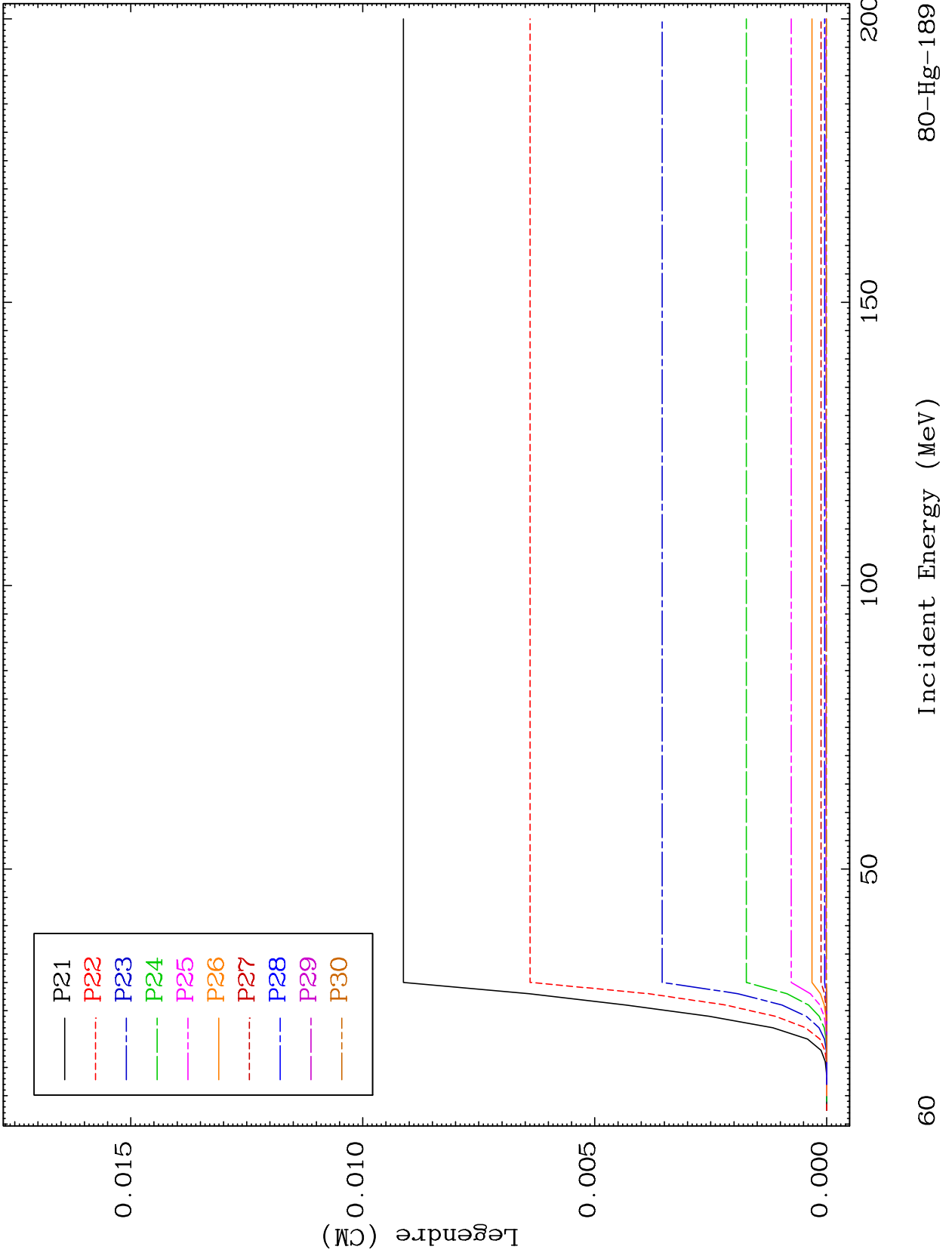




MAT 8004

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

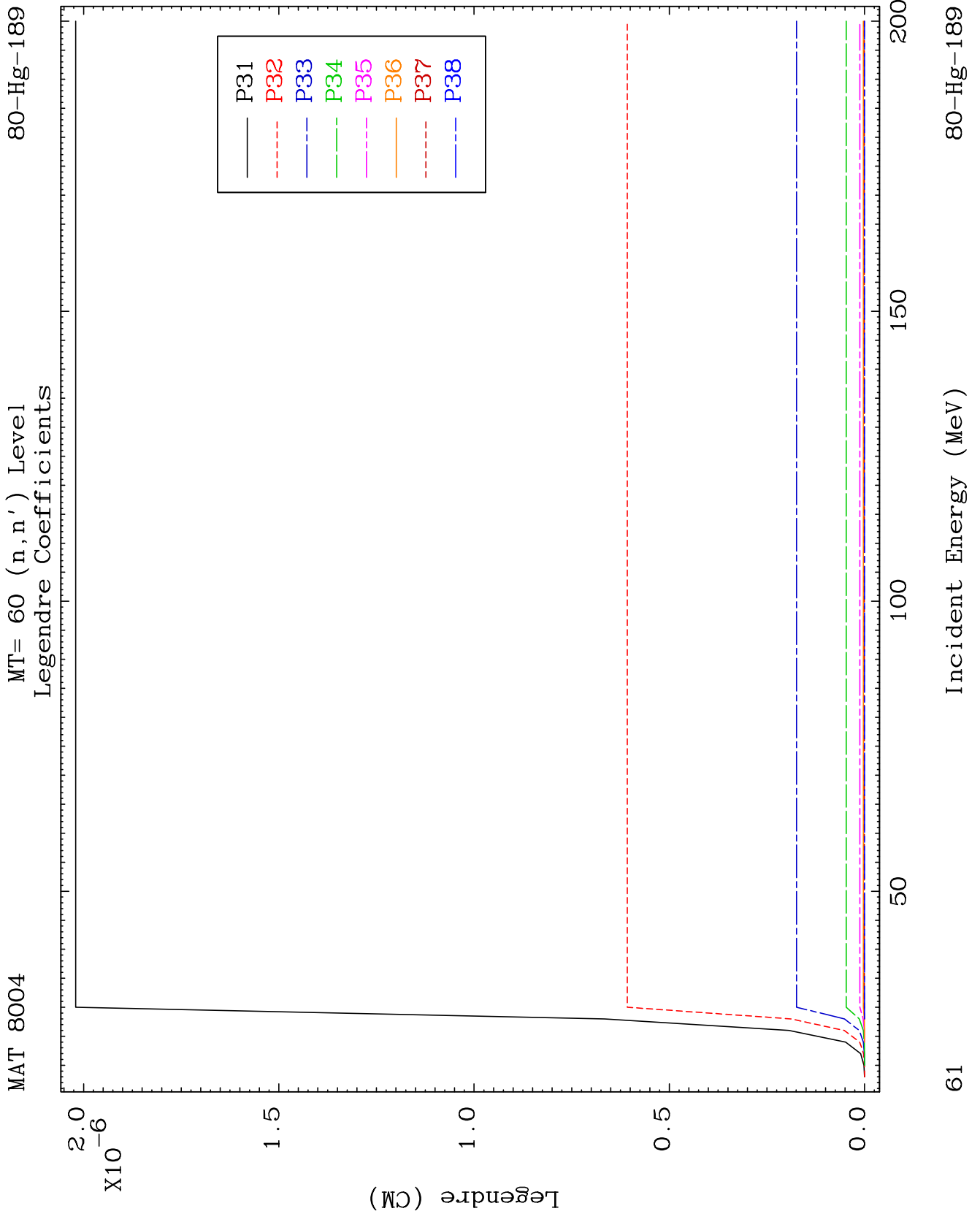
80-Hg-189



60

Incident Energy (MeV)

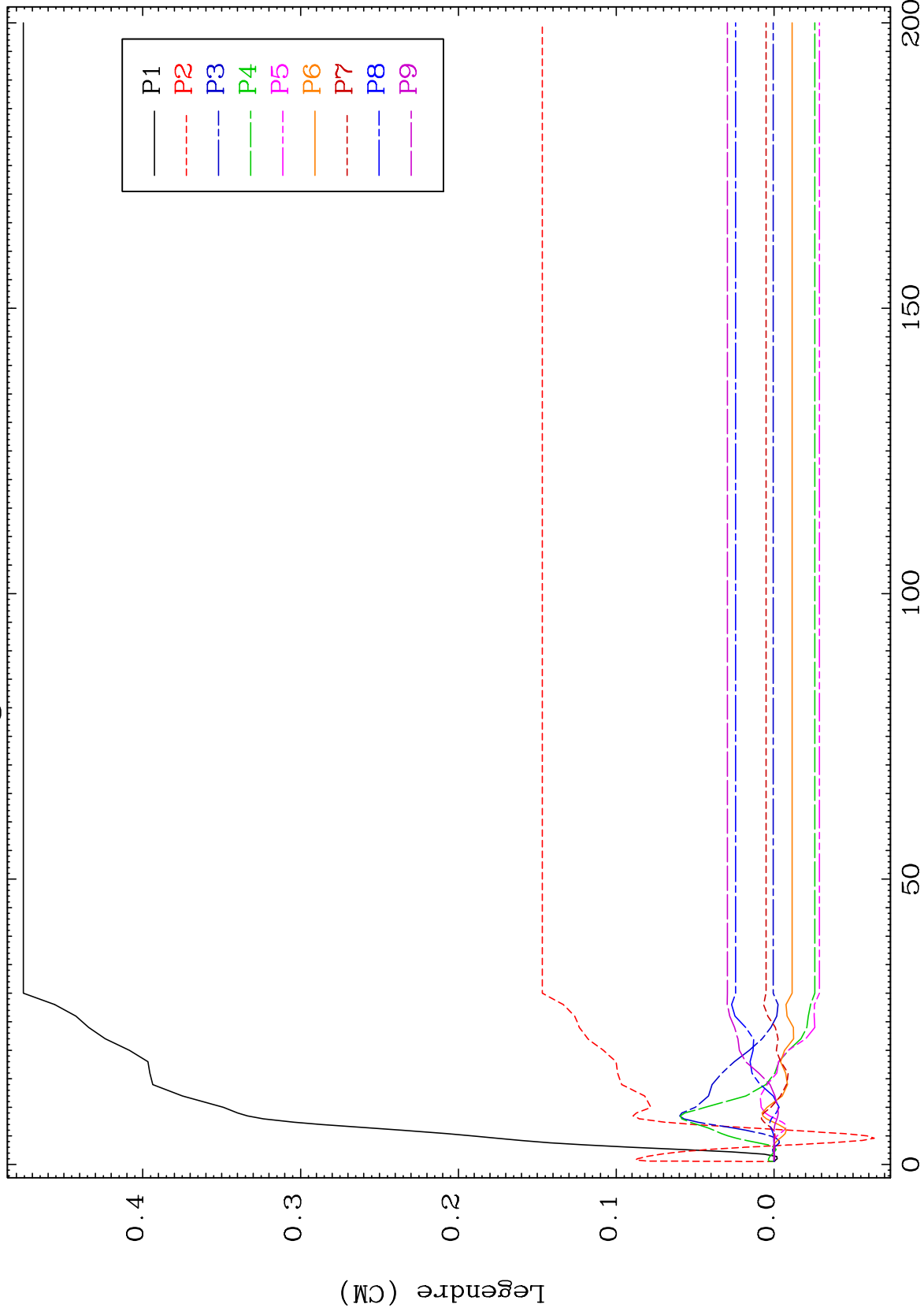
80-Hg-189



MAT 8004

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

80-Hg-189



80-Hg-189

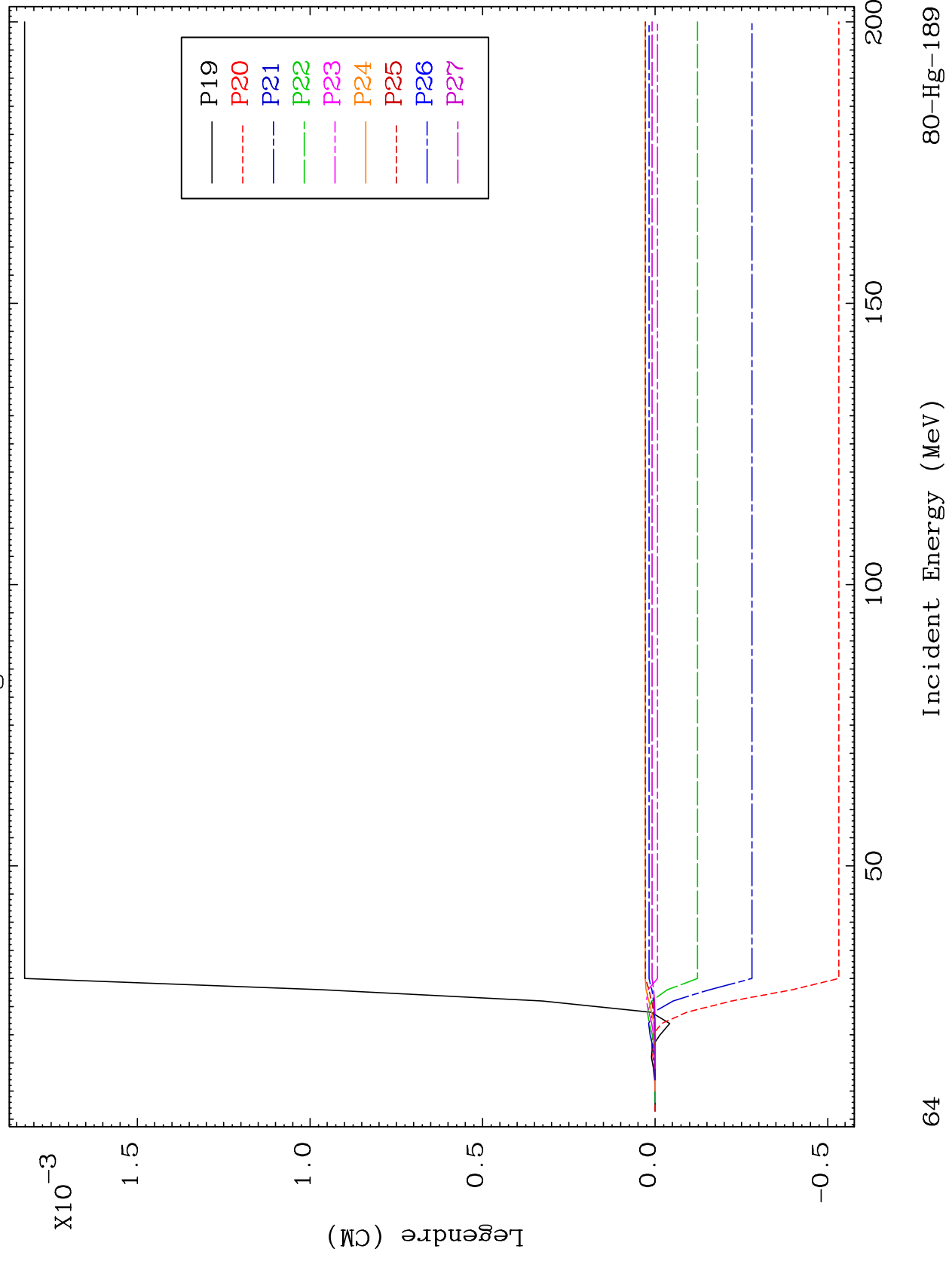
Incident Energy (MeV)

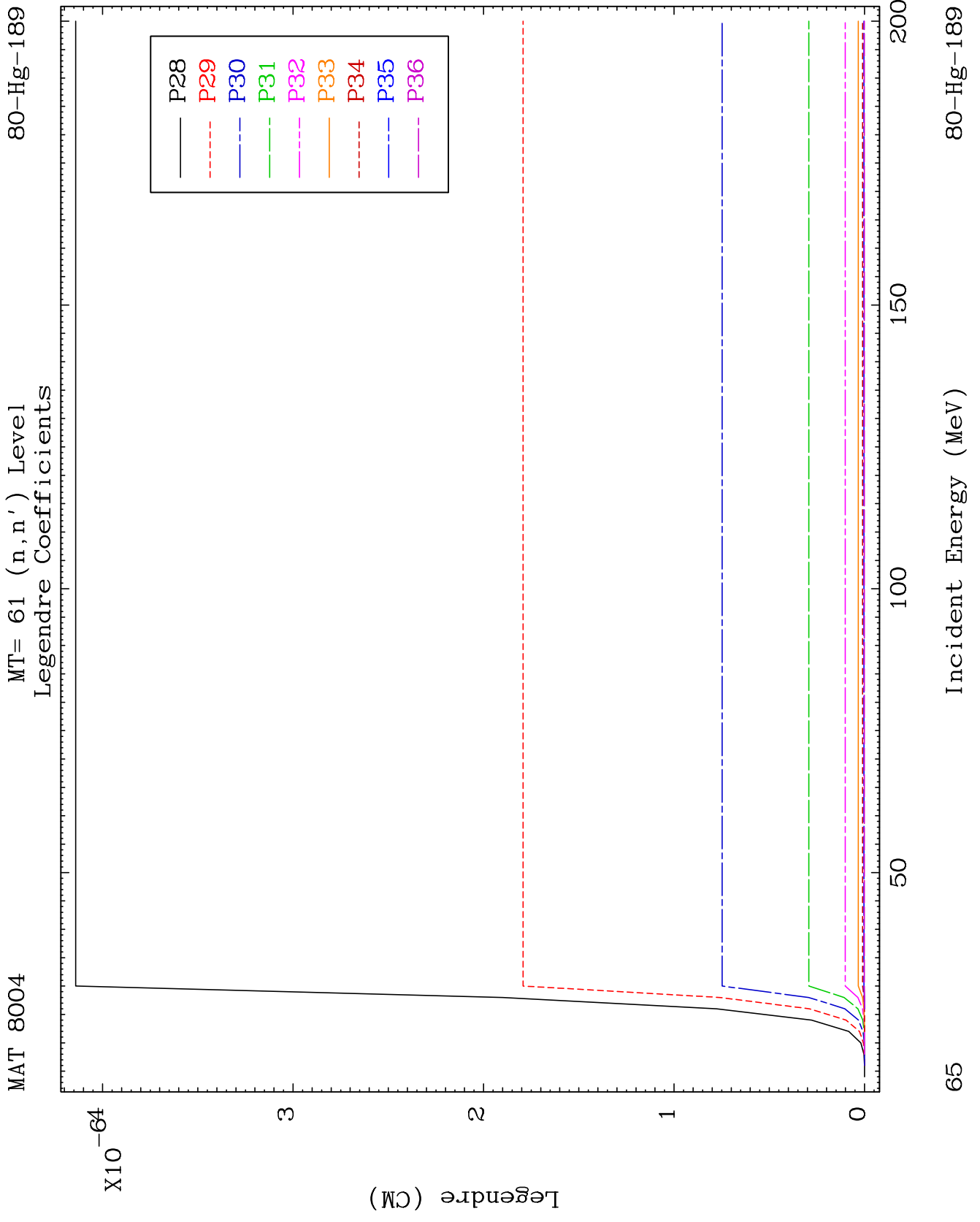
62

MAT 8004

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

80-Hg-189

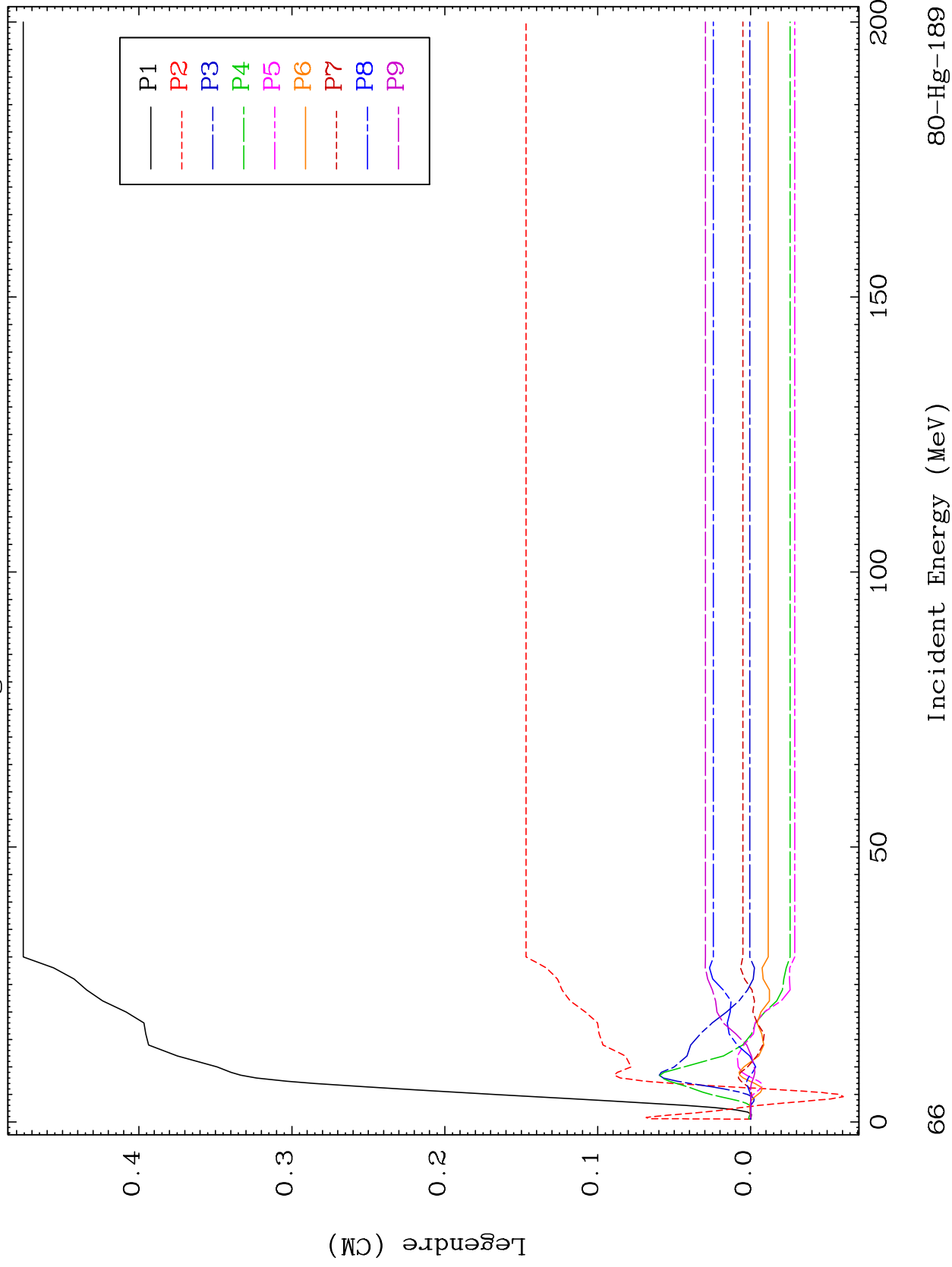




MAT 8004

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

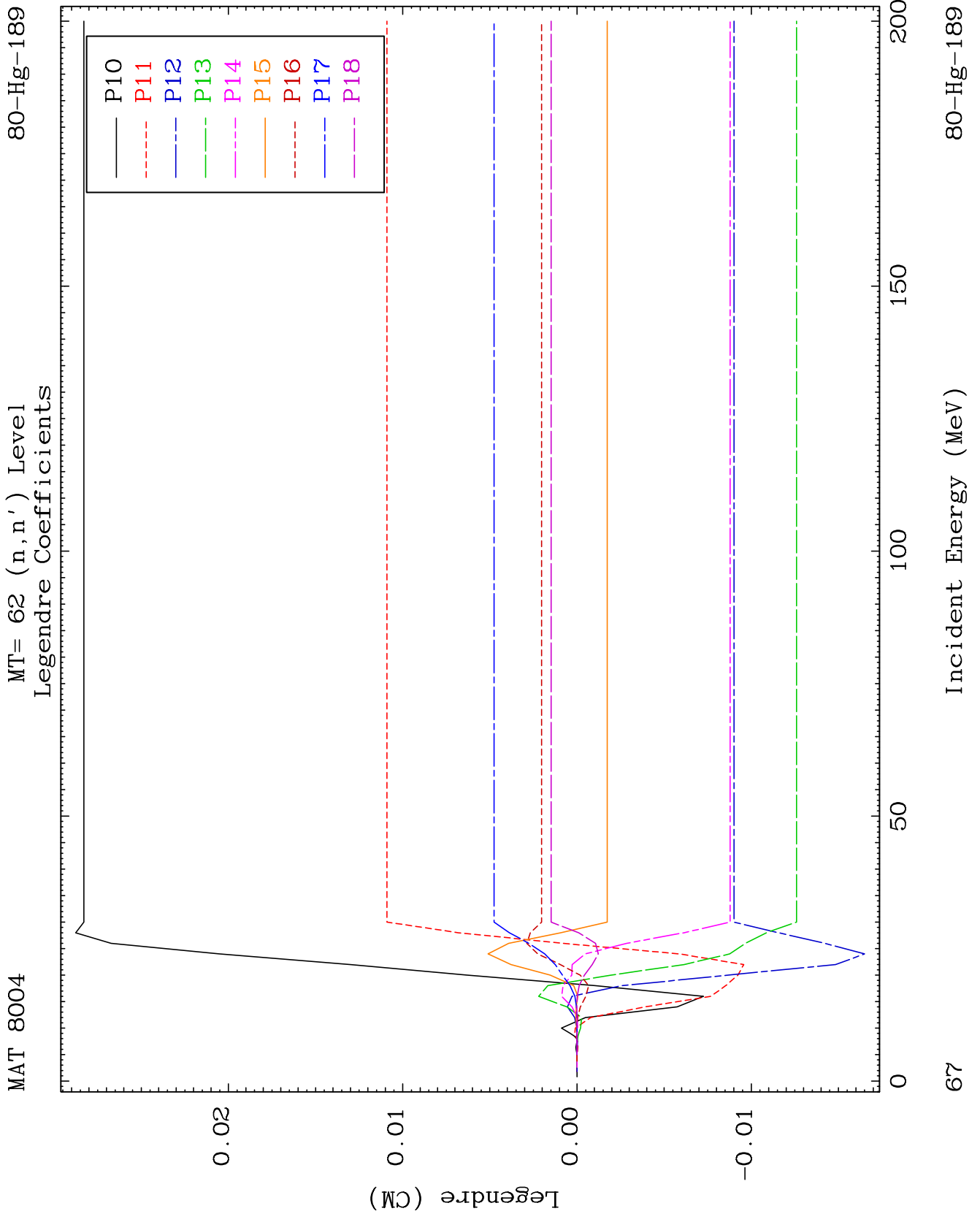
80-Hg-189



66

Incident Energy (MeV)

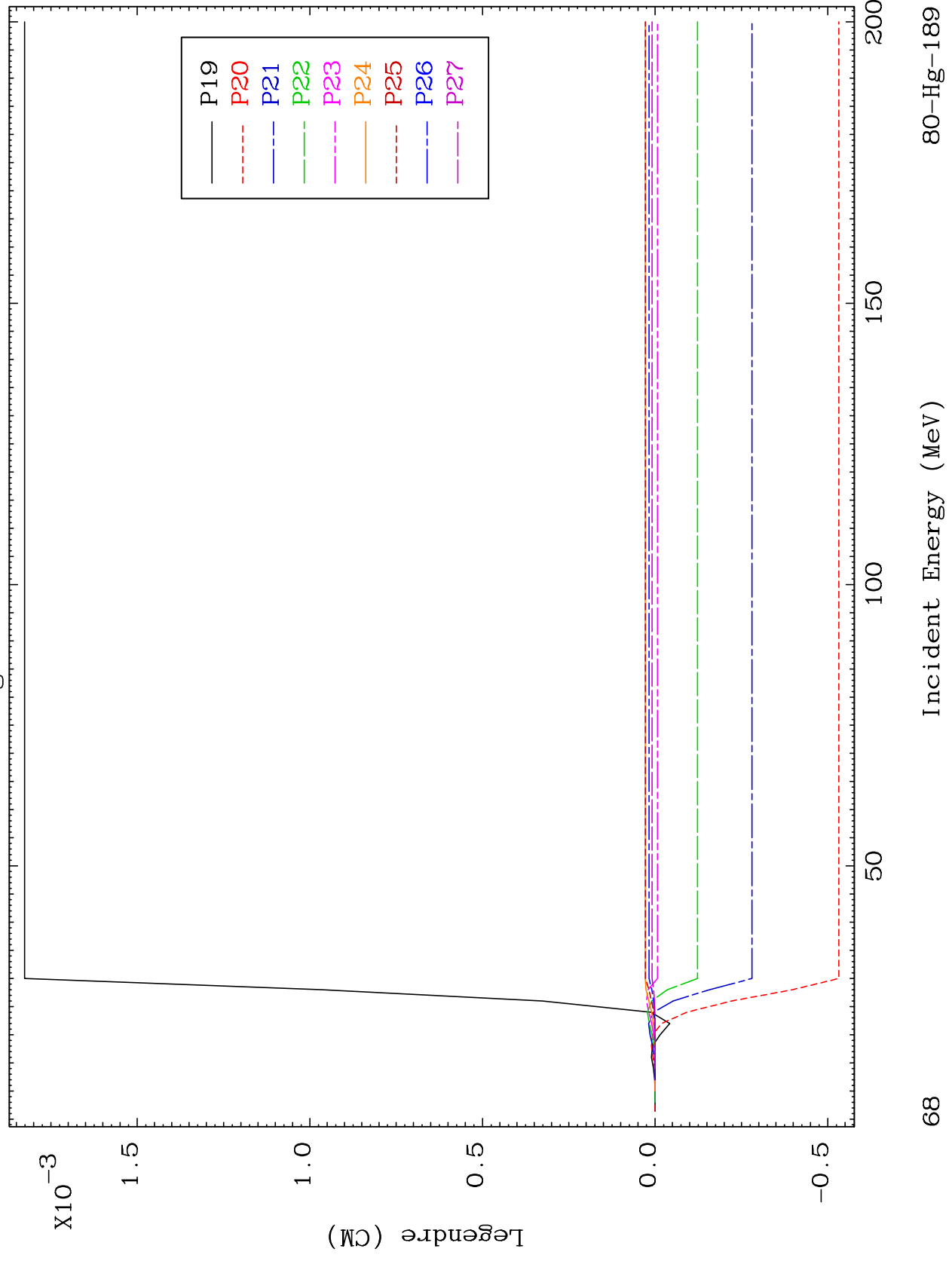
80-Hg-189



MAT 8004

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

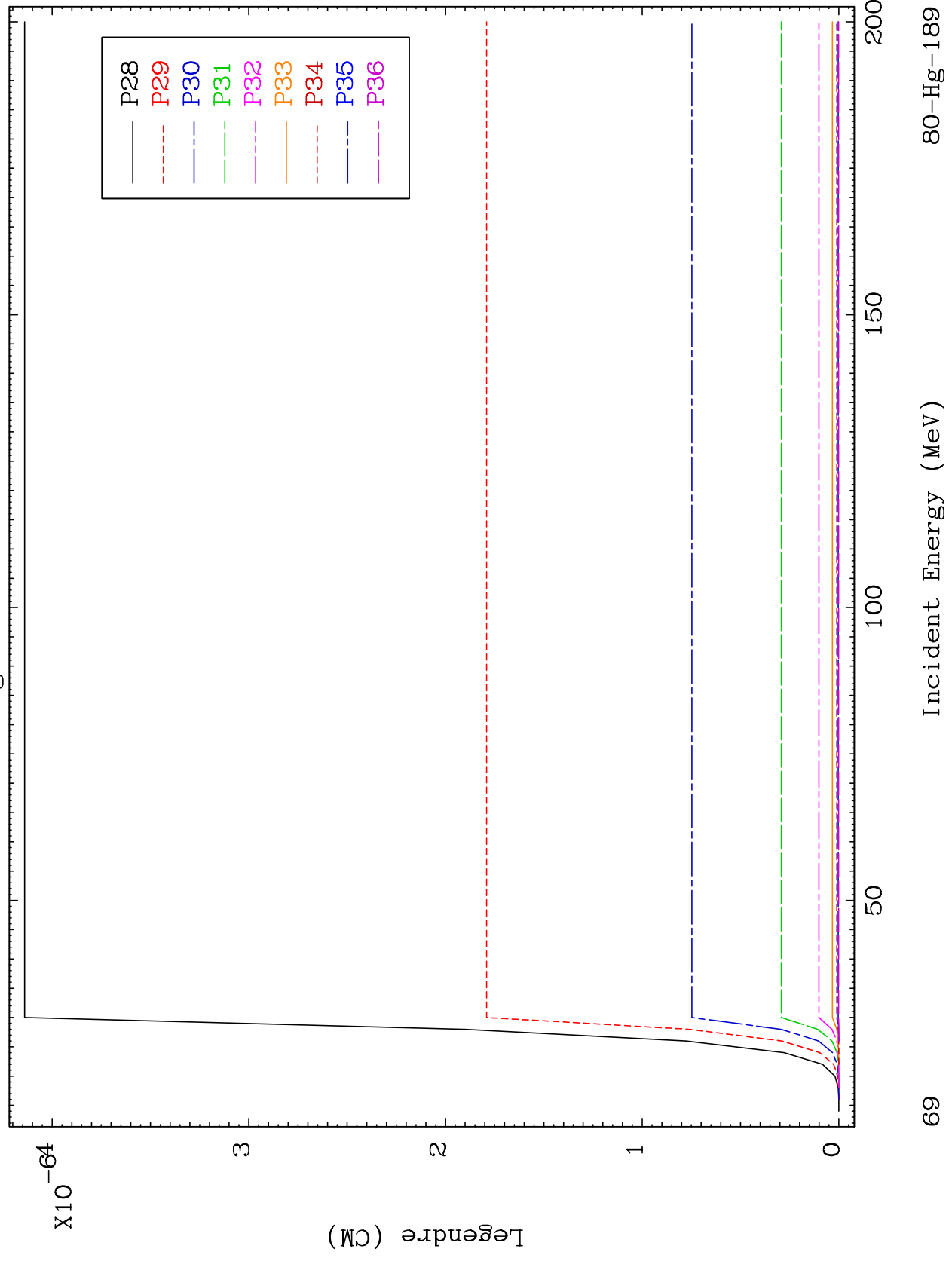
80-Hg-189

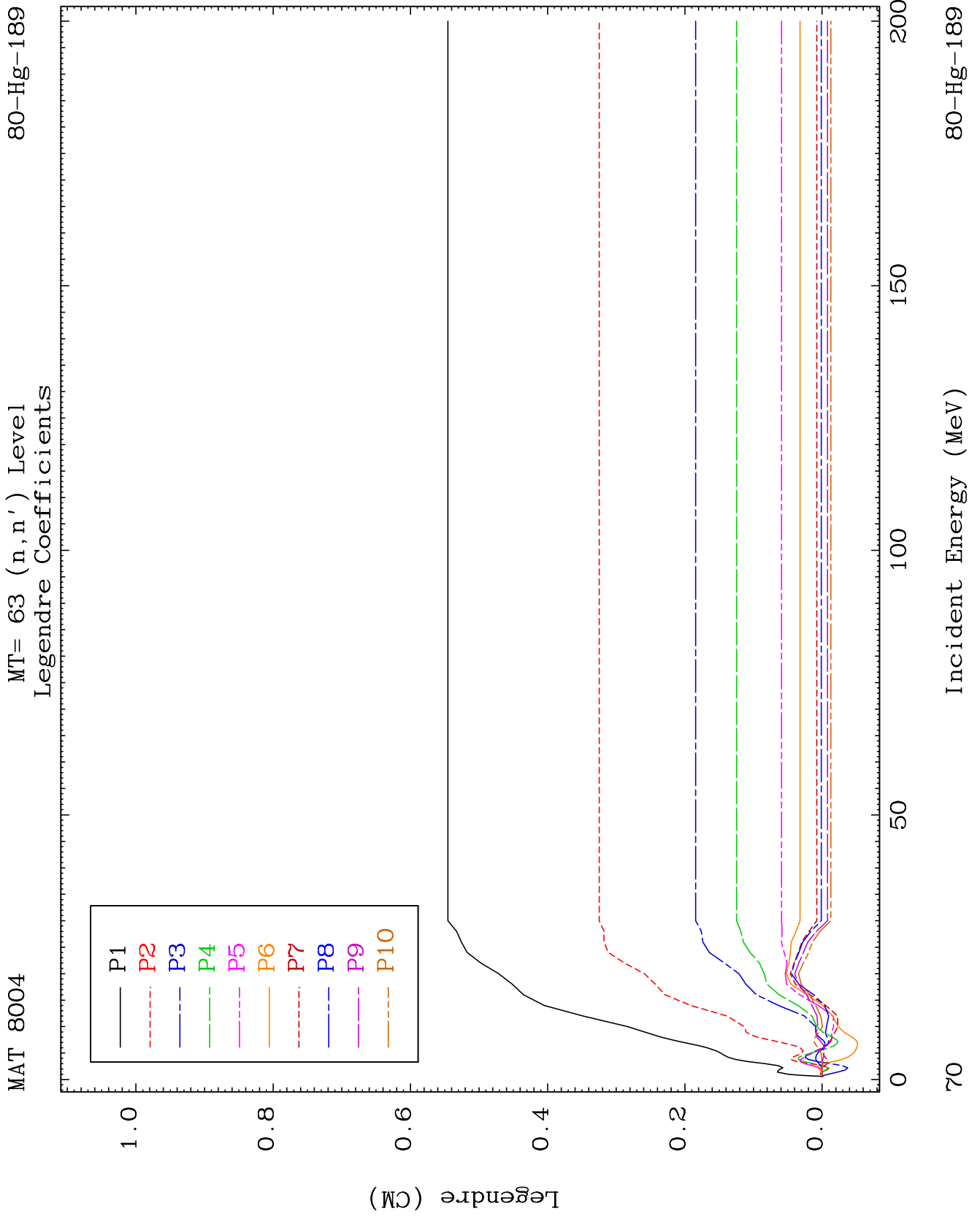


MAT 8004

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

80-Hg-189

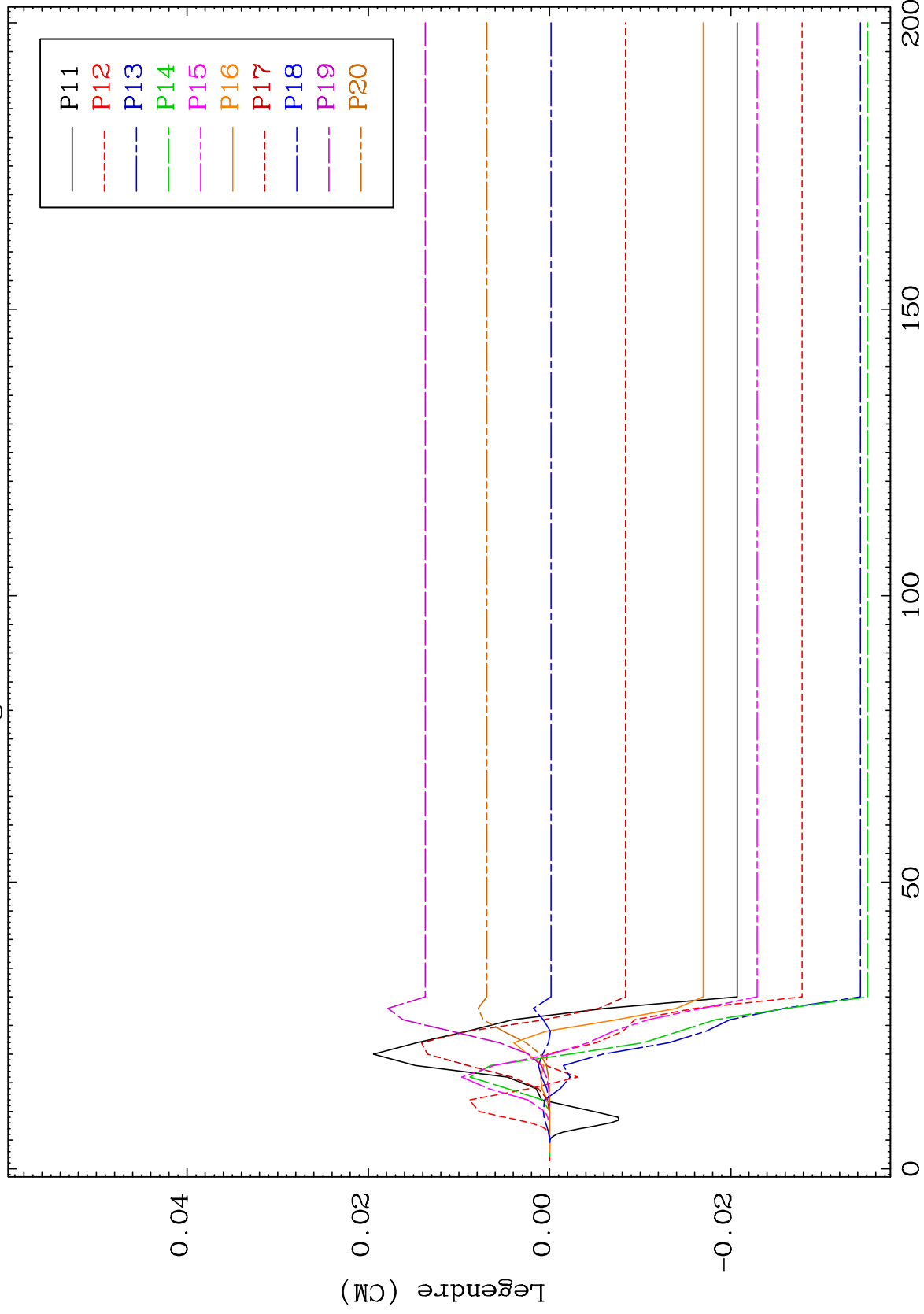




MAT 8004

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

80-Hg-189



71

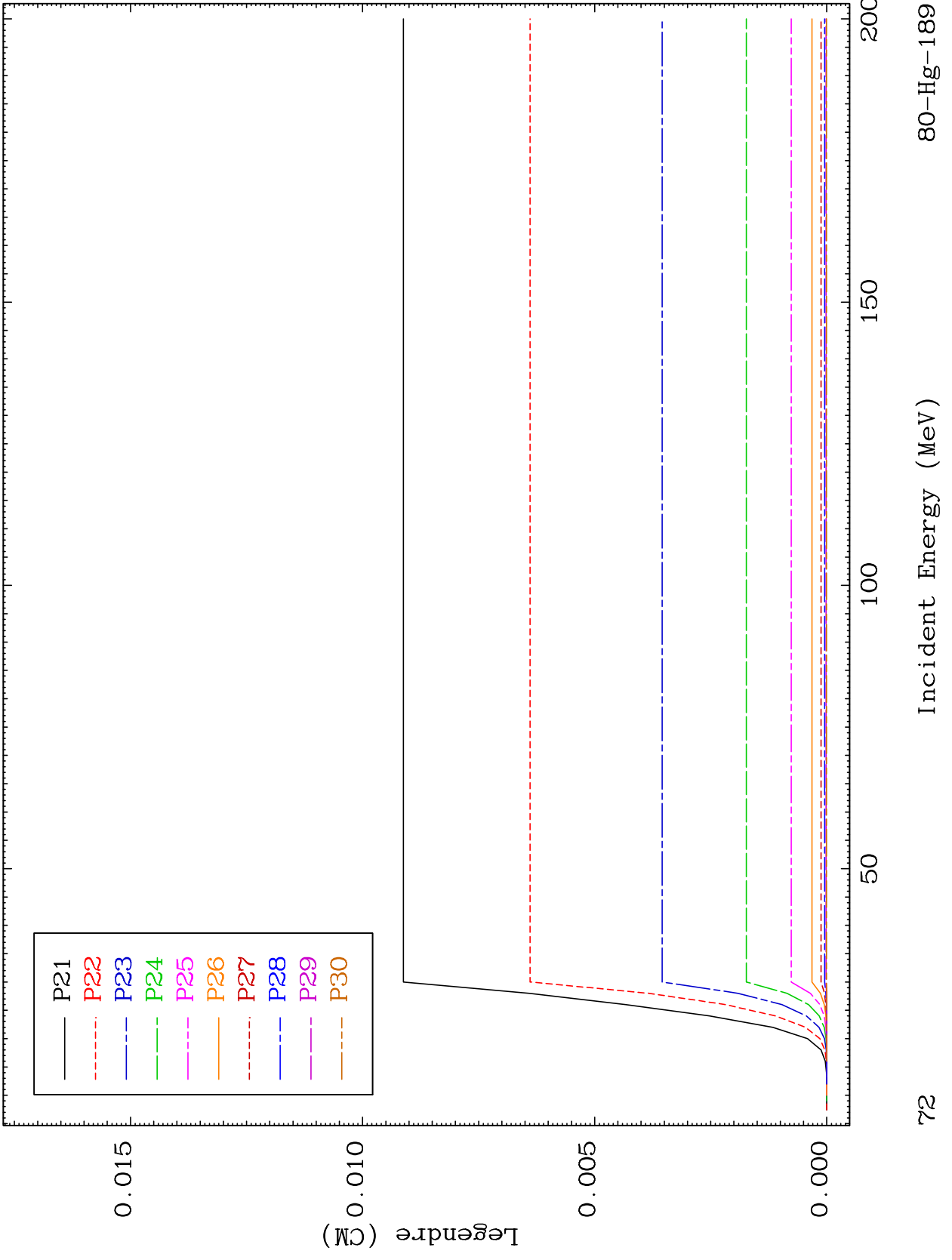
Incident Energy (MeV)

80-Hg-189

MAT 8004

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

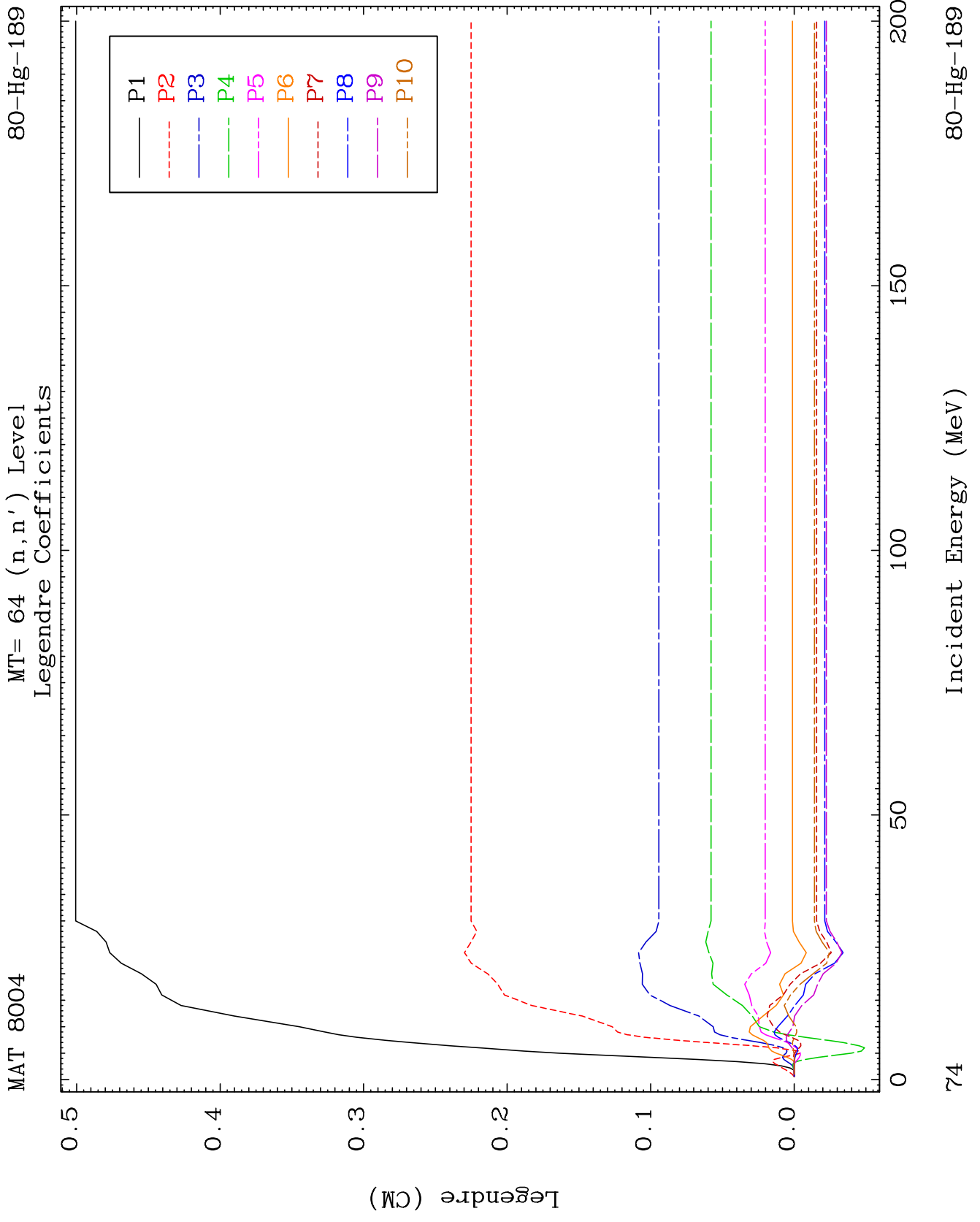
80-Hg-189

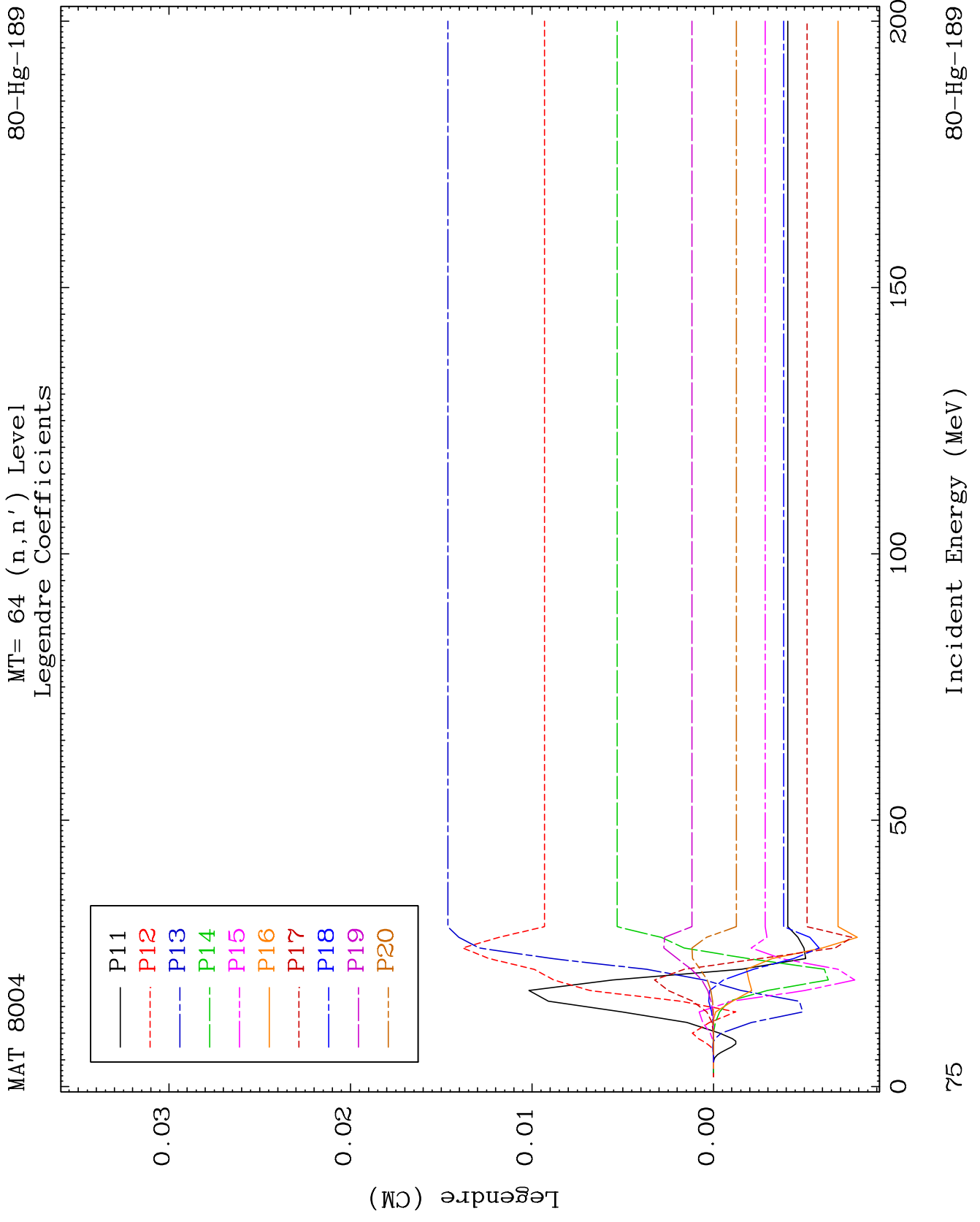


72

Incident Energy (MeV)

80-Hg-189

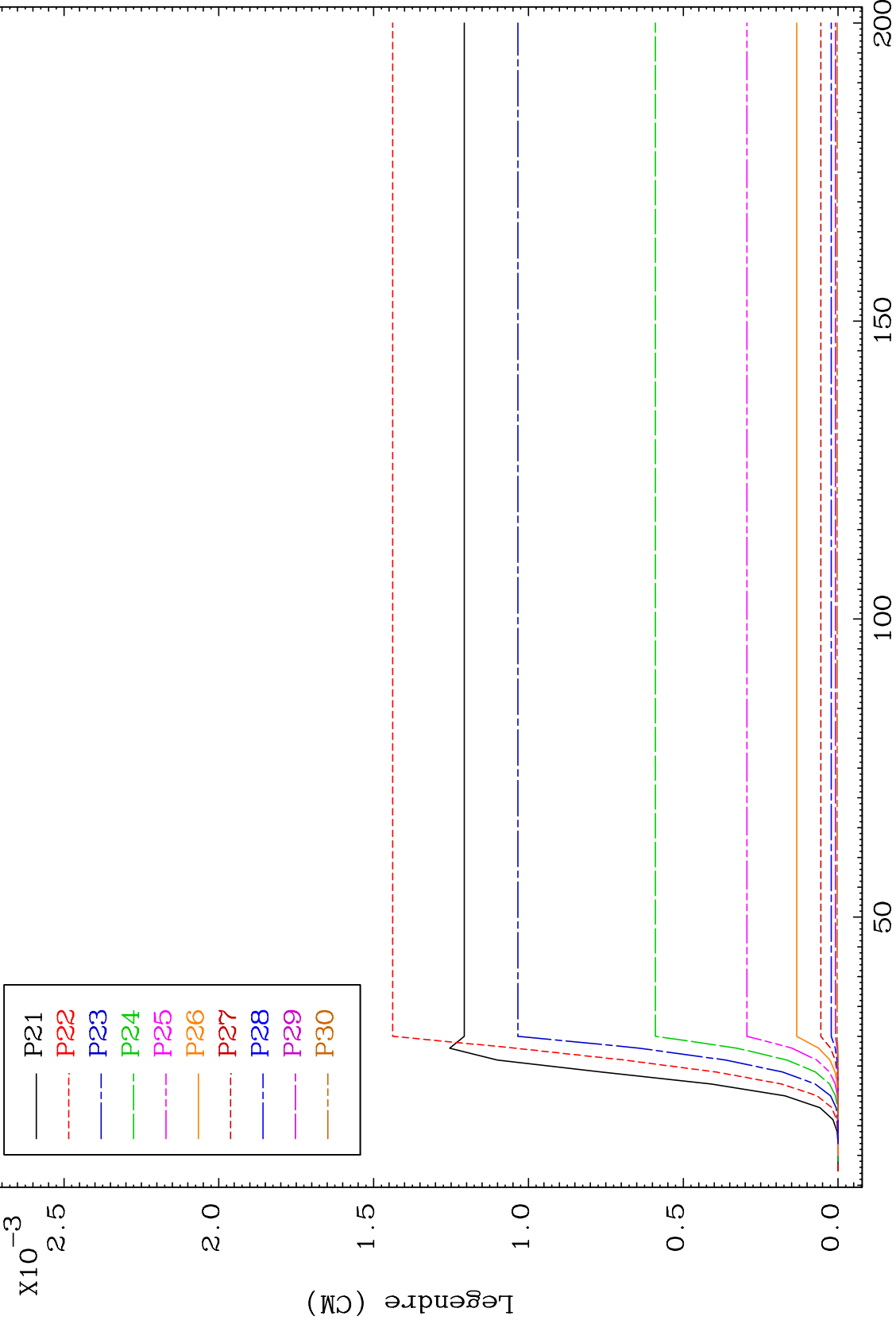
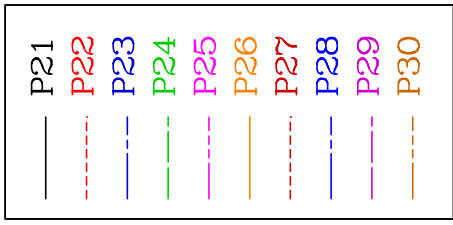




MAT 8004

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

80-Hg-189



76

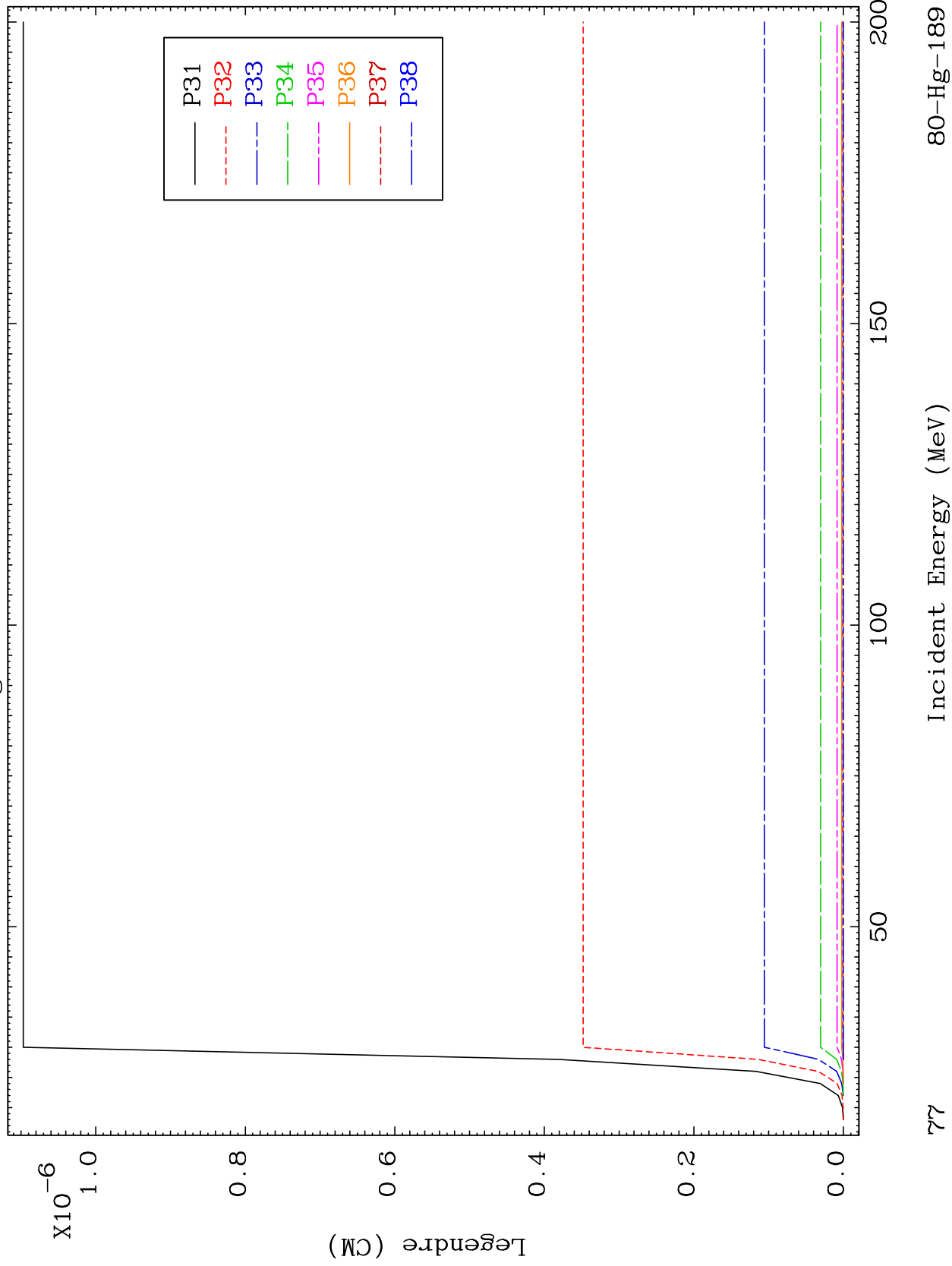
Incident Energy (MeV)

80-Hg-189

MAT 8004

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

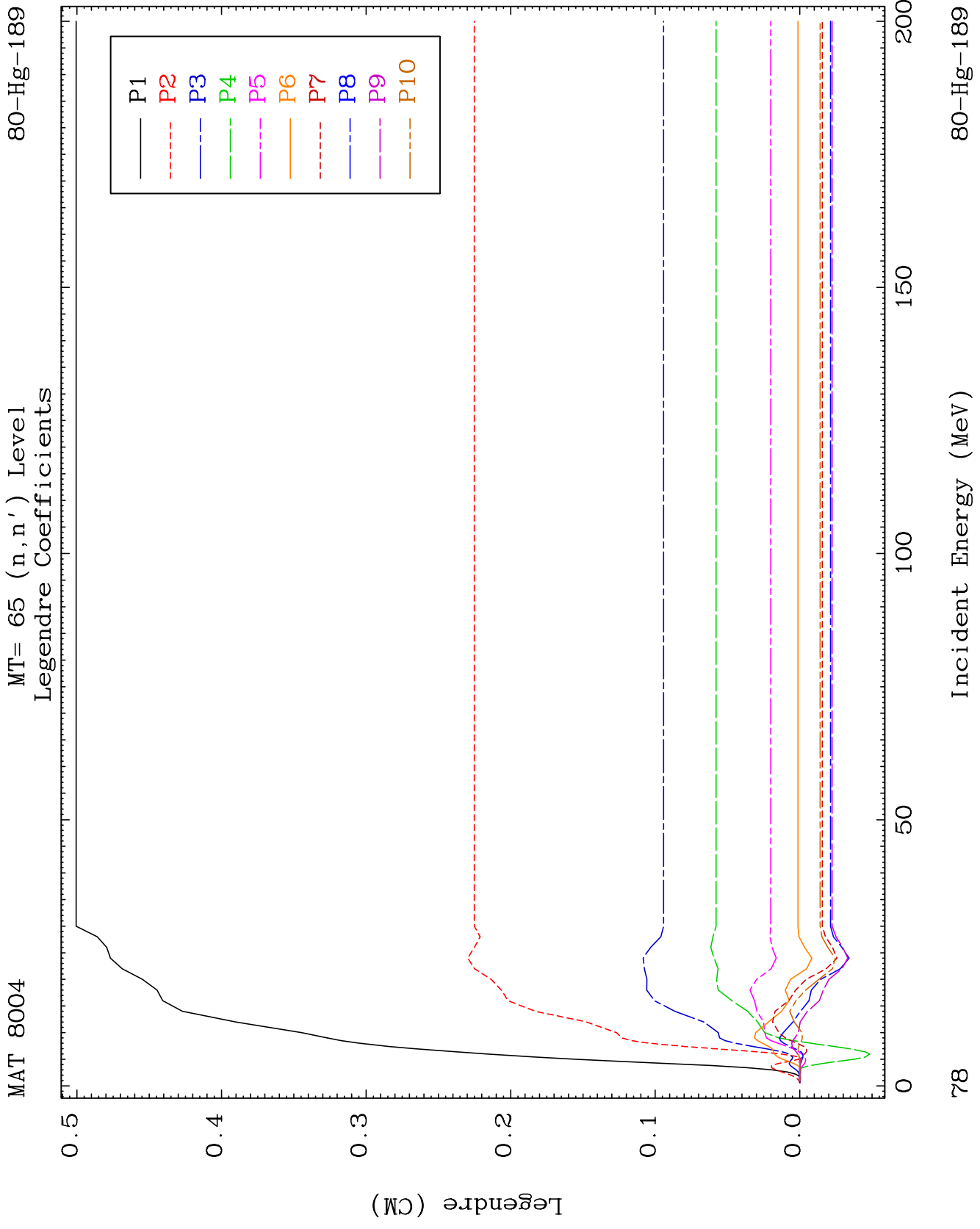
80-Hg-189

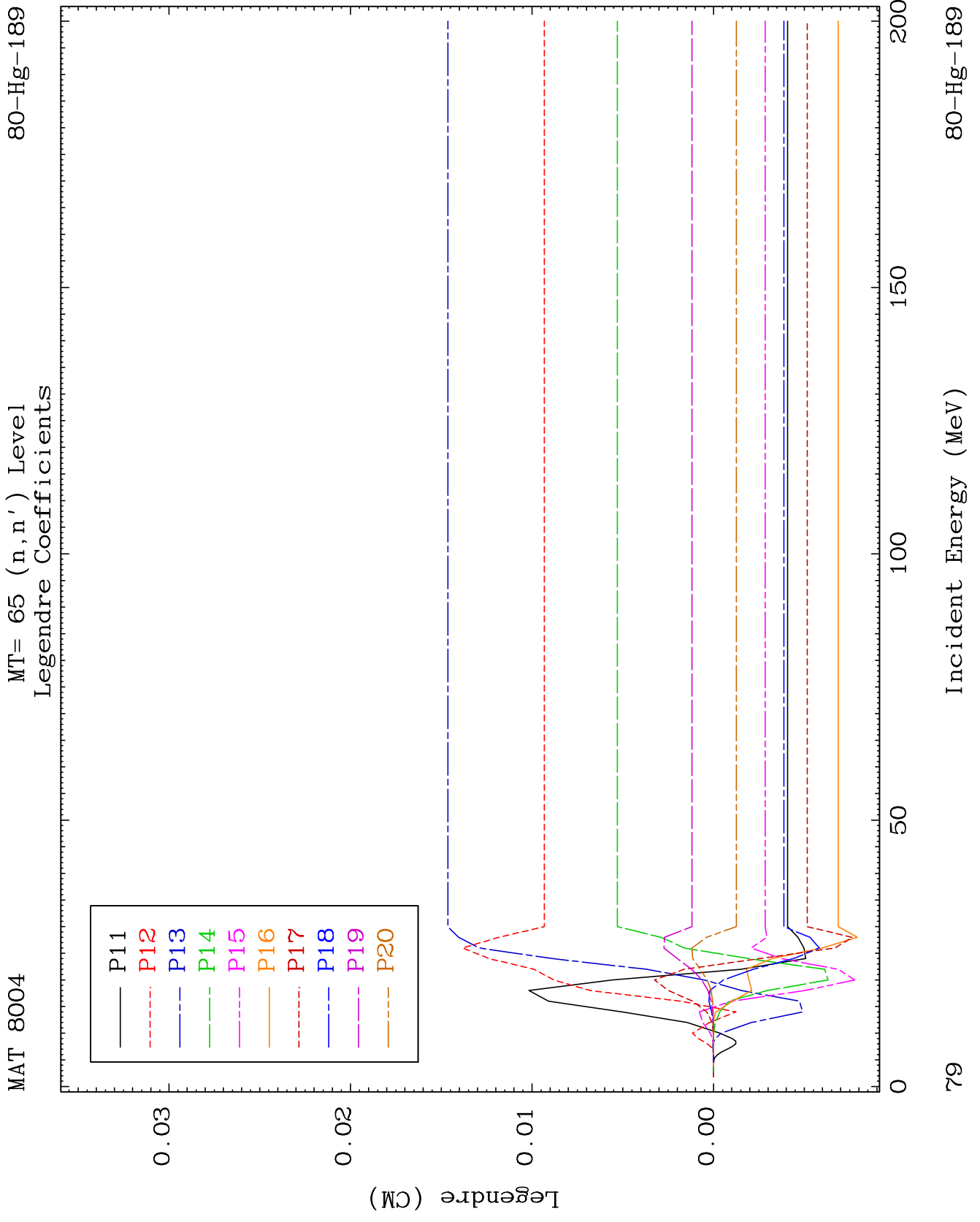


77

Incident Energy (MeV)

80-Hg-189

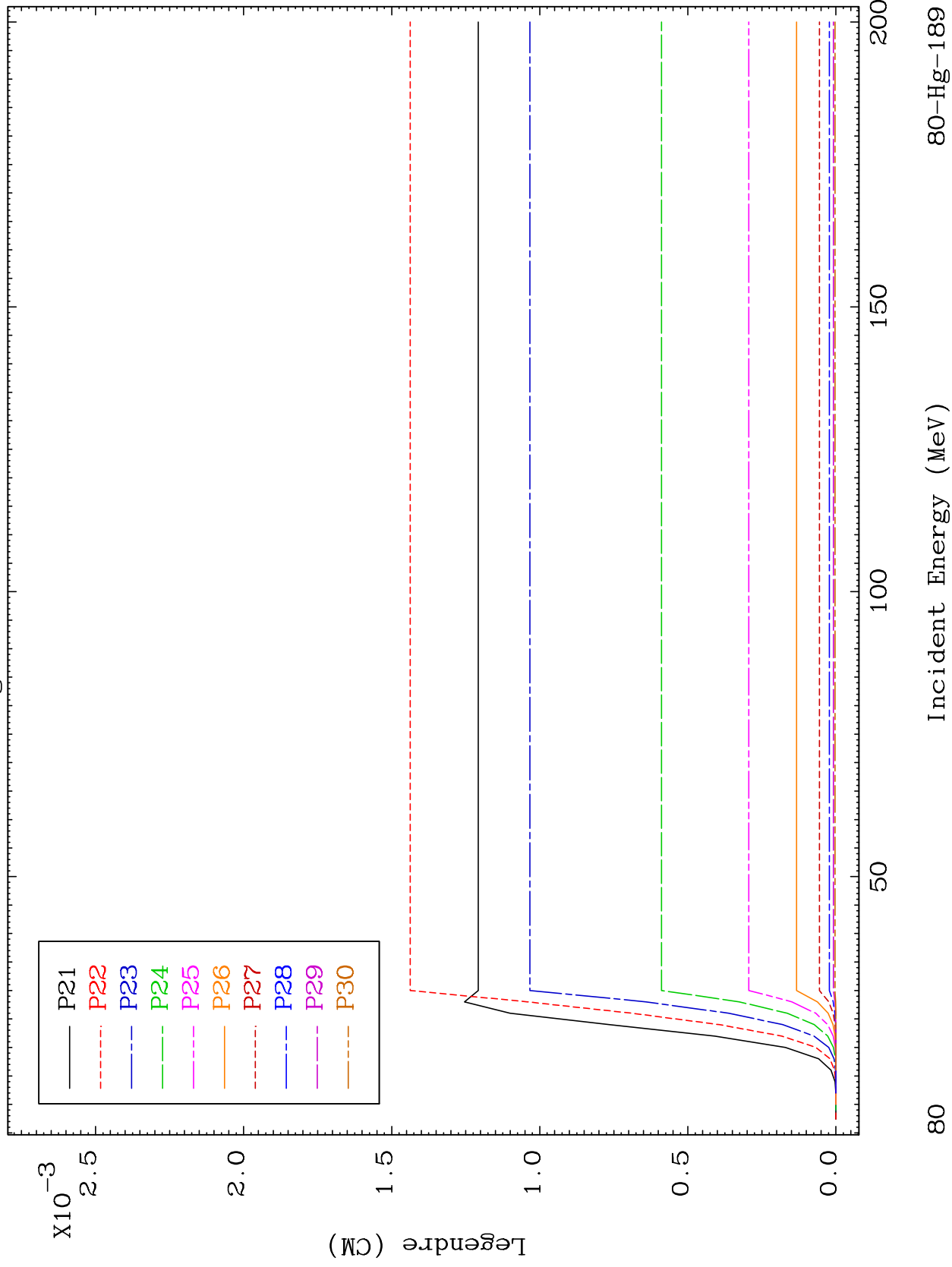




MAT 8004

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

80-Hg-189



80

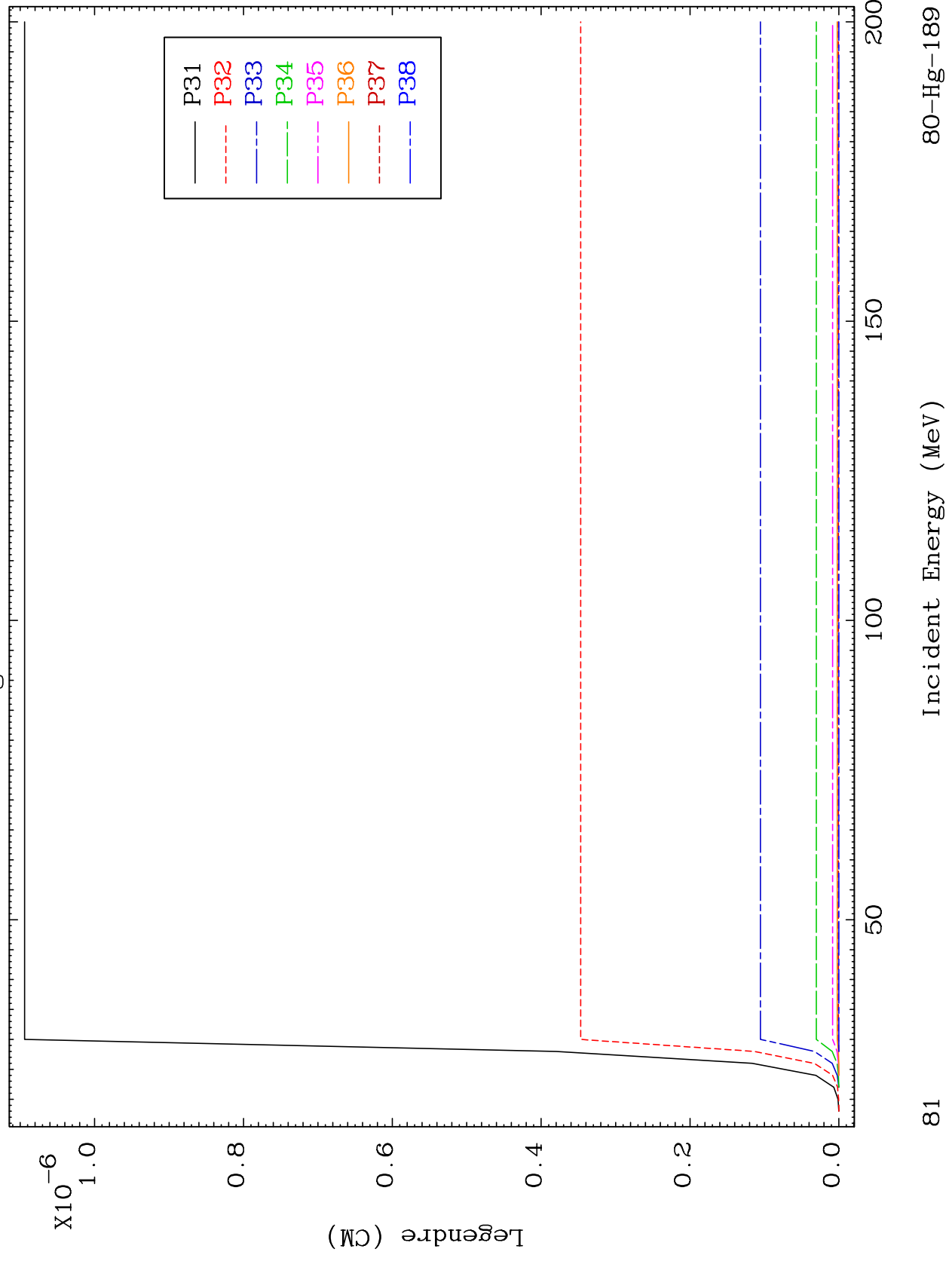
Incident Energy (MeV)

80-Hg-189

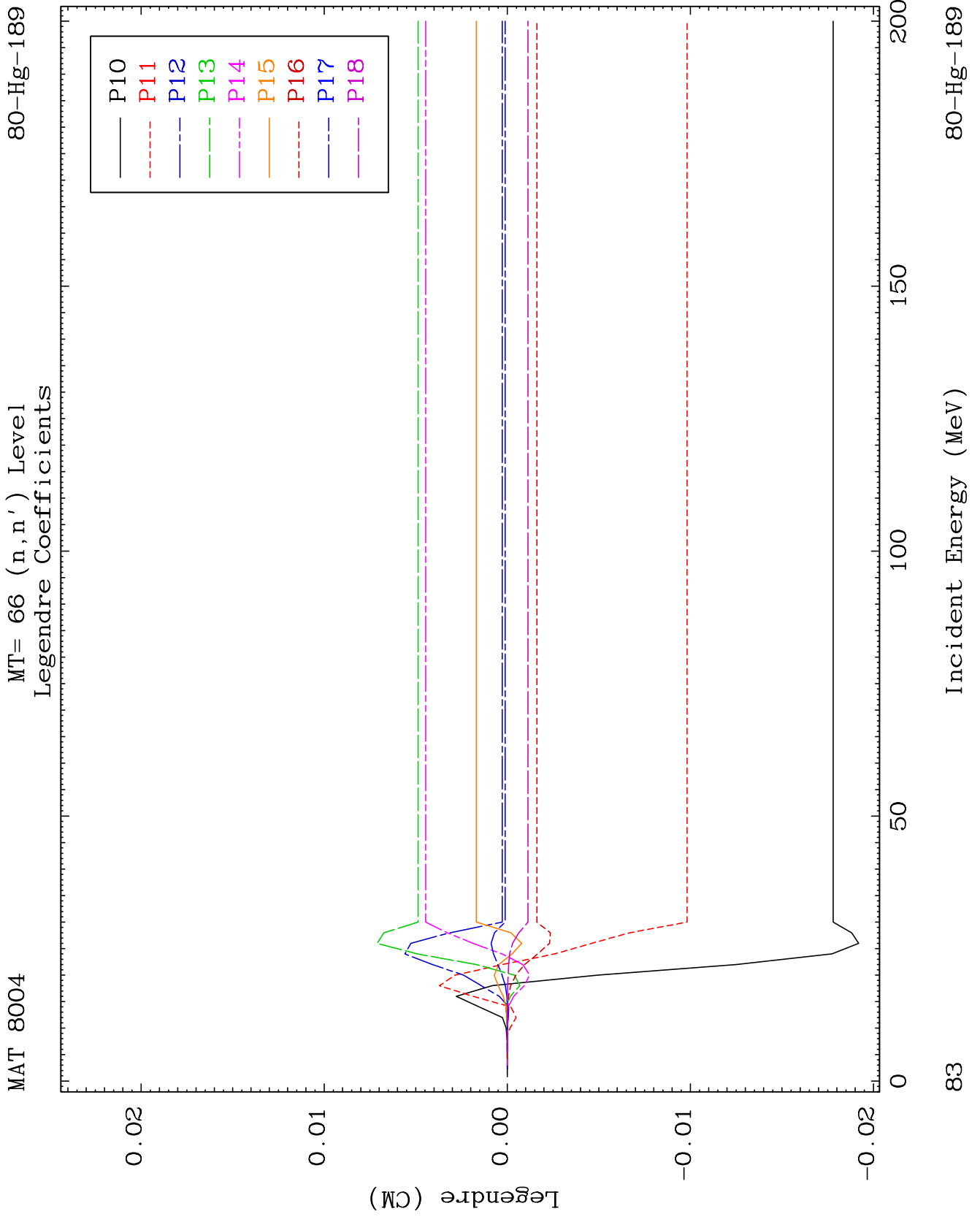
MAT 8004

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

80-Hg-189



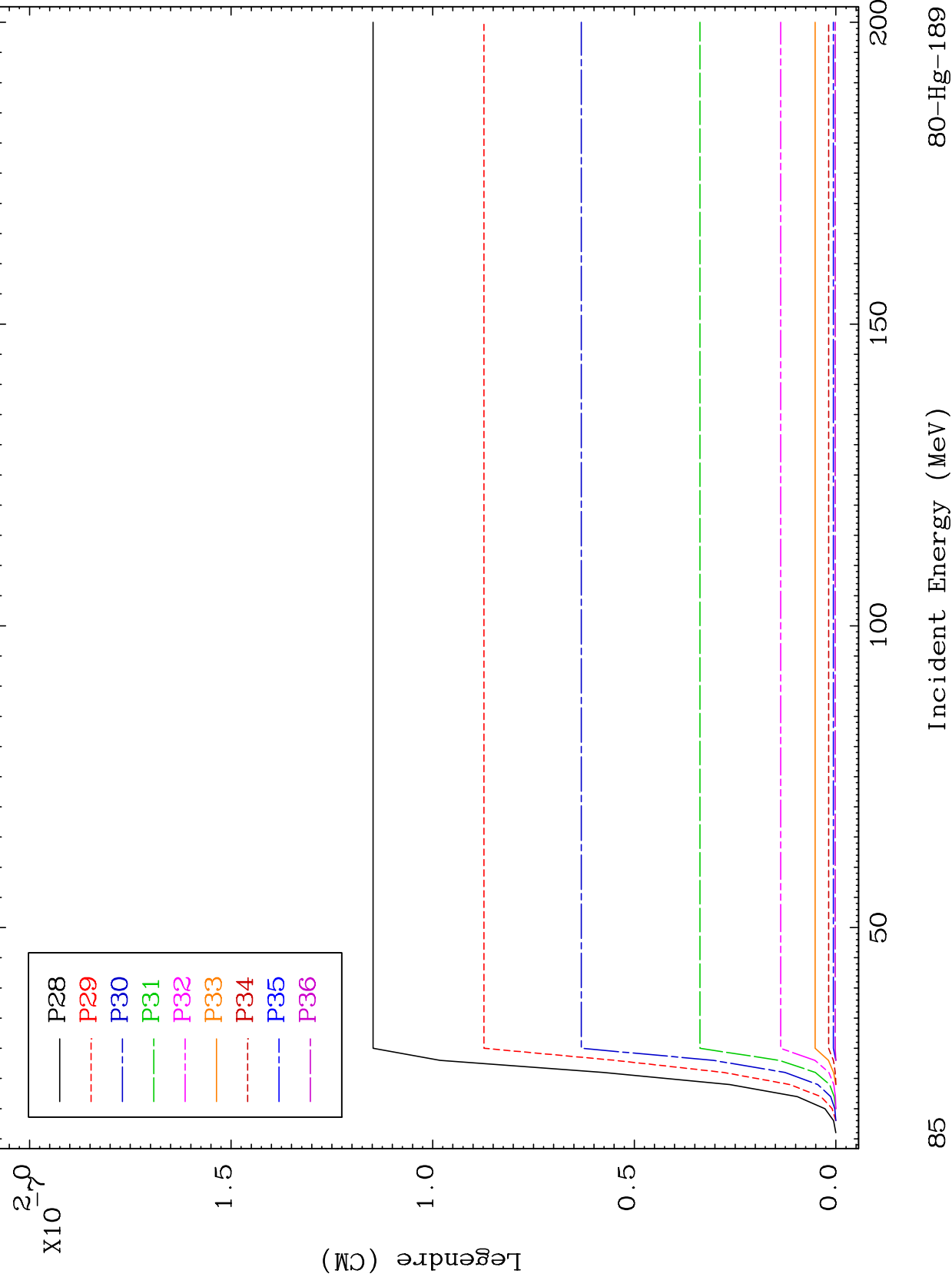
81



MAT 8004

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

80-Hg-189



85

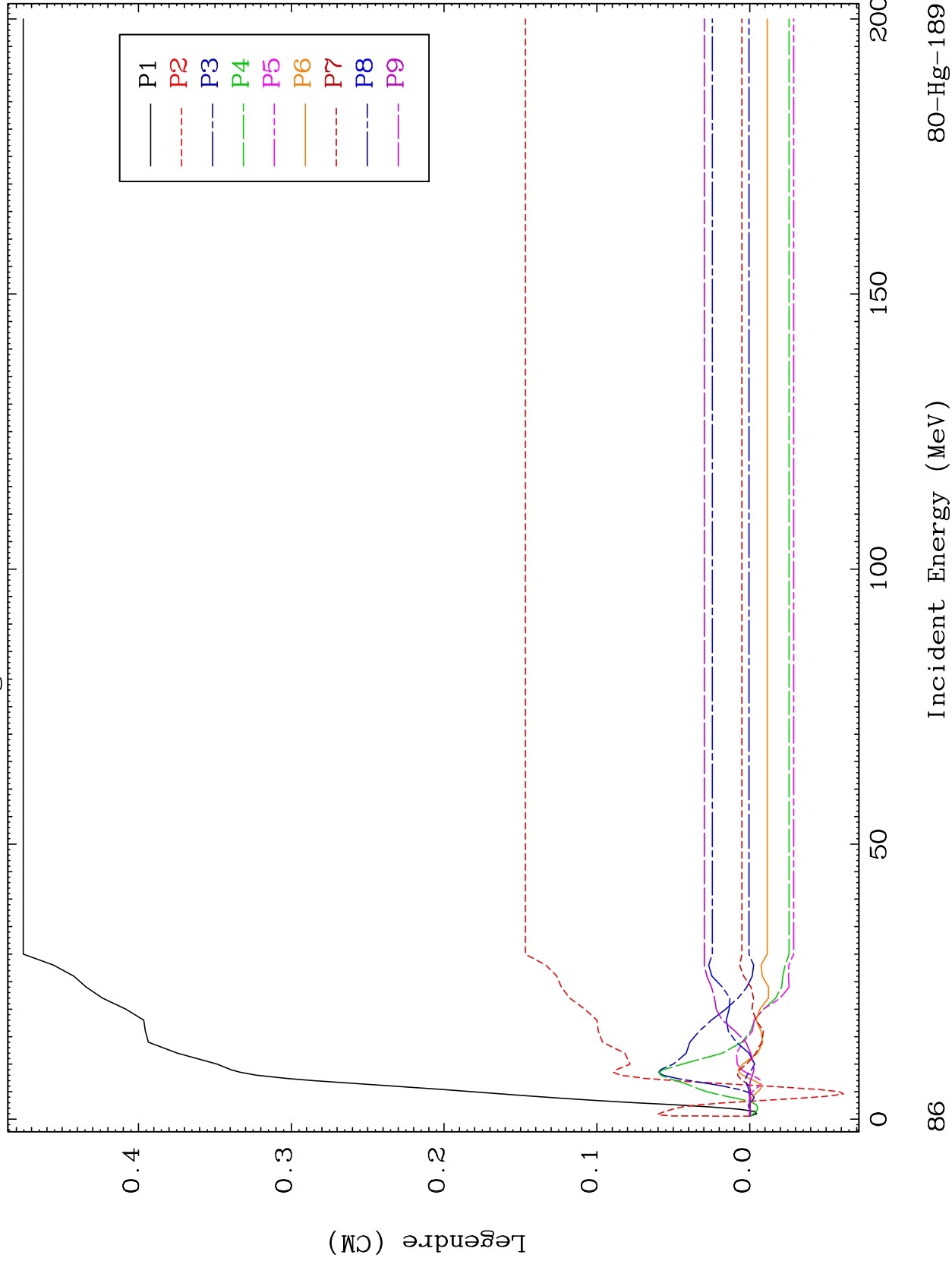
Incident Energy (MeV)

80-Hg-189

MAT 8004

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

80-Hg-189



80-Hg-189

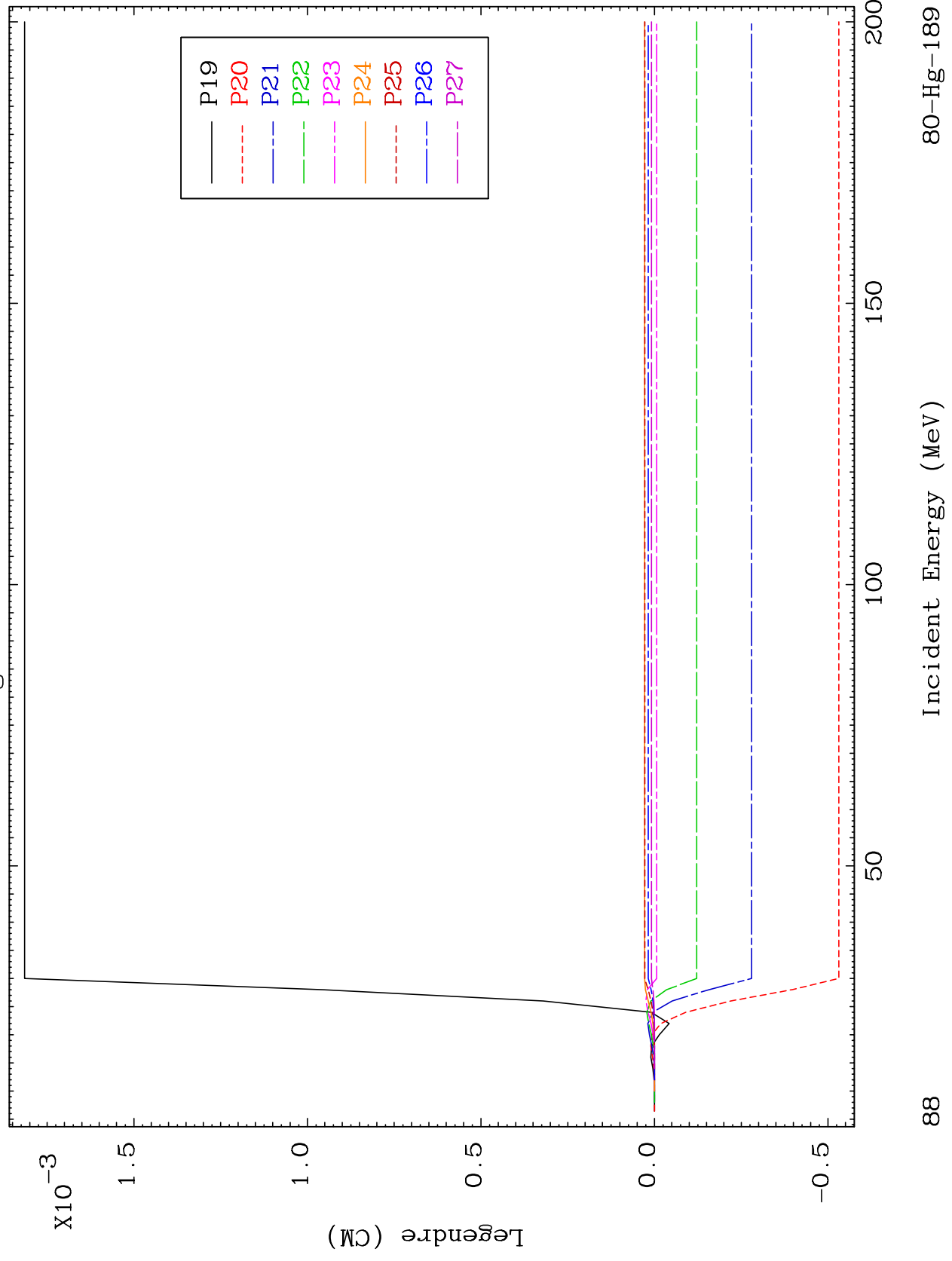
Incident Energy (MeV)

86

MAT 8004

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

80-Hg-189



88

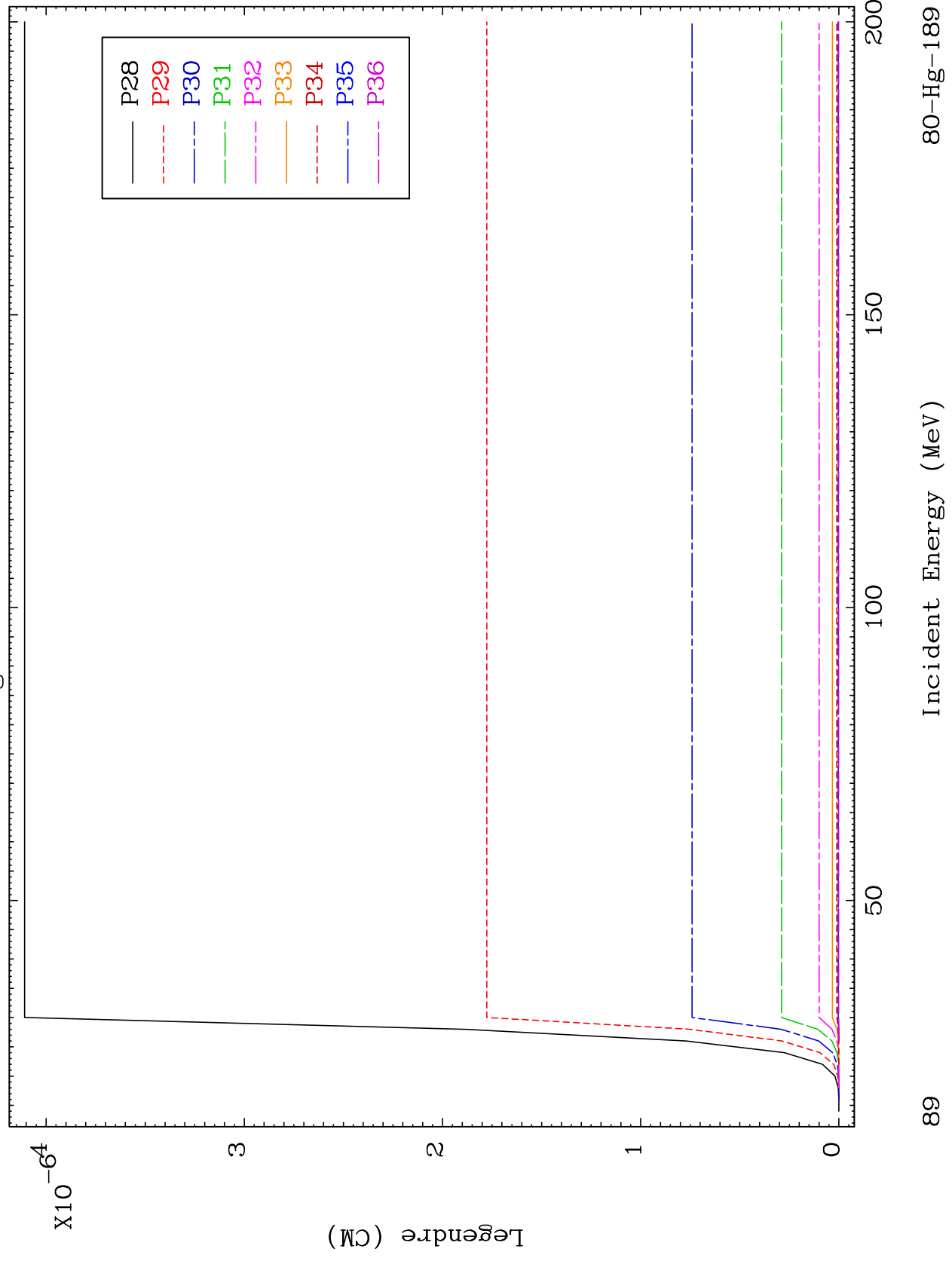
Incident Energy (MeV)

80-Hg-189

MAT 8004

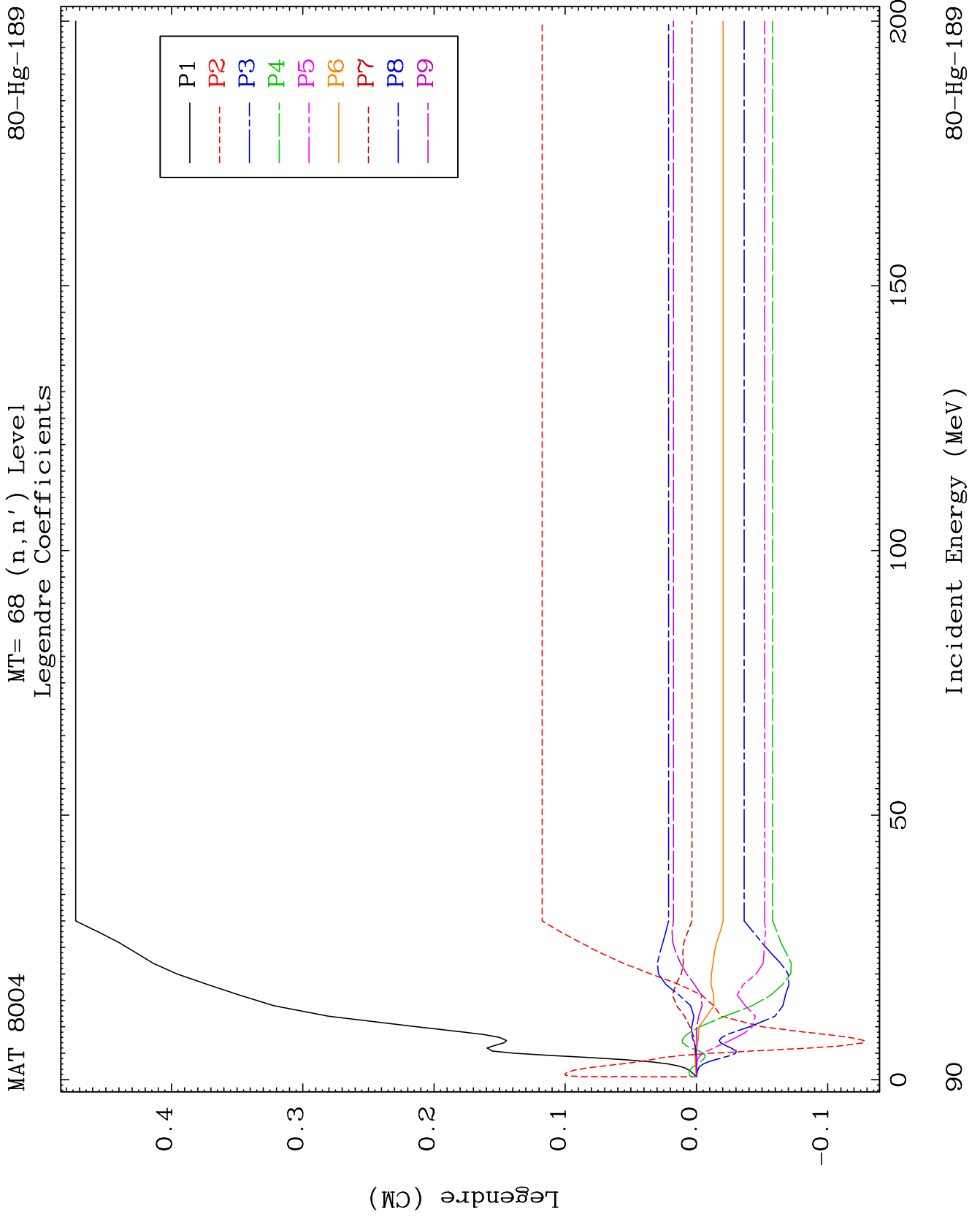
MT= 67 (n,n') Level
Legendre Coefficients

80-Hg-189



89

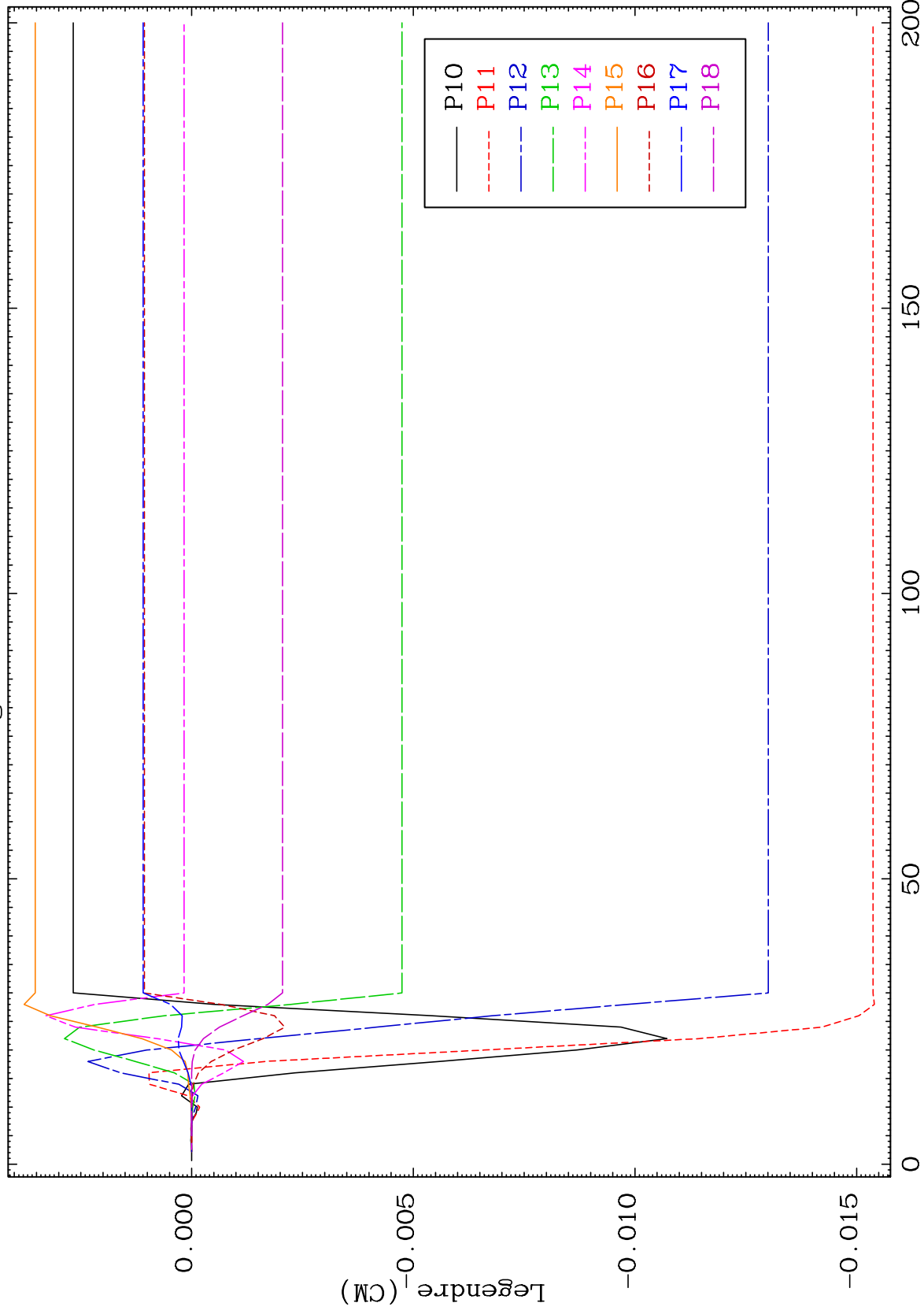
80-Hg-189



MAT 8004

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

80-Hg-189



91

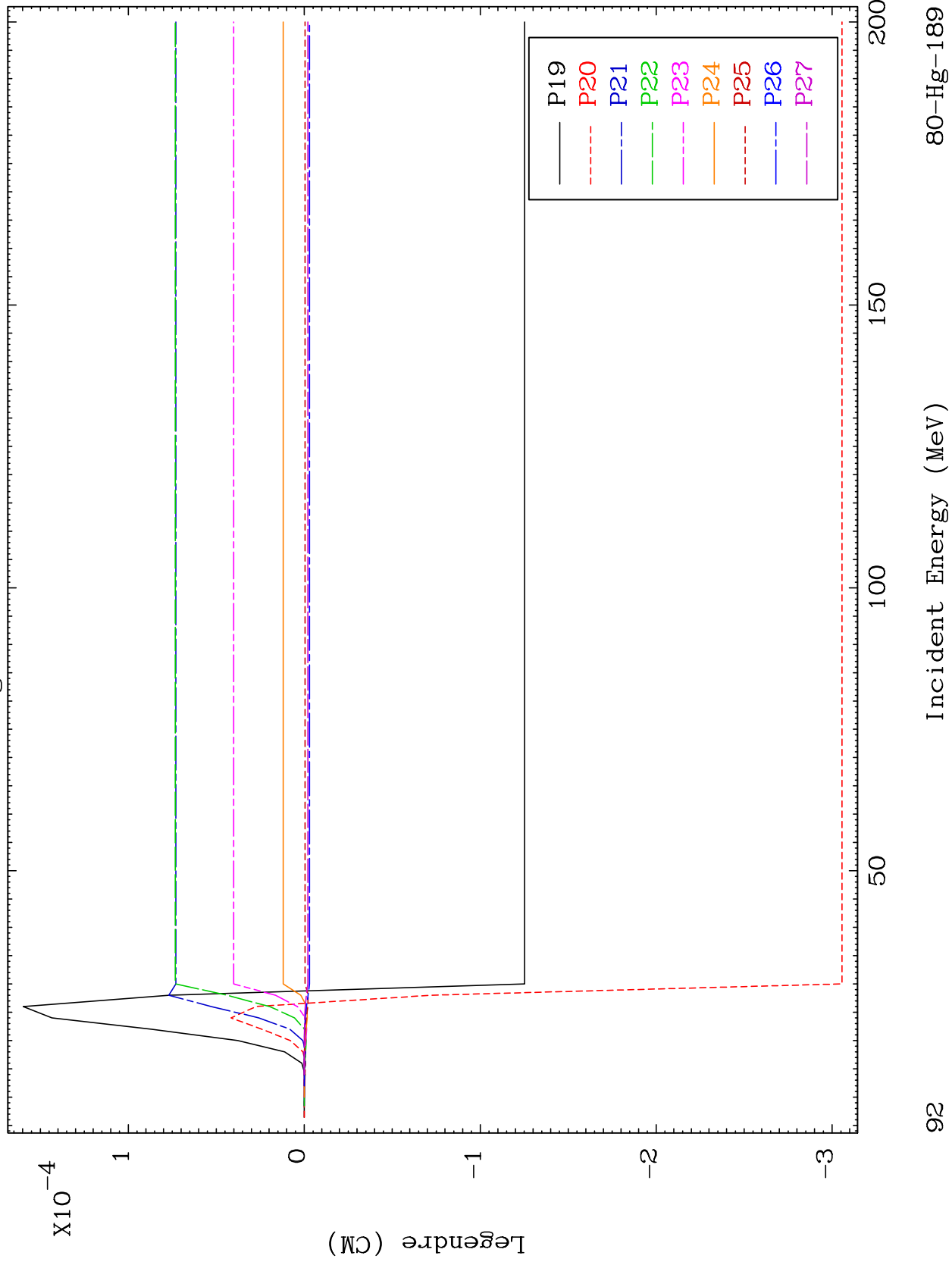
Incident Energy (MeV)

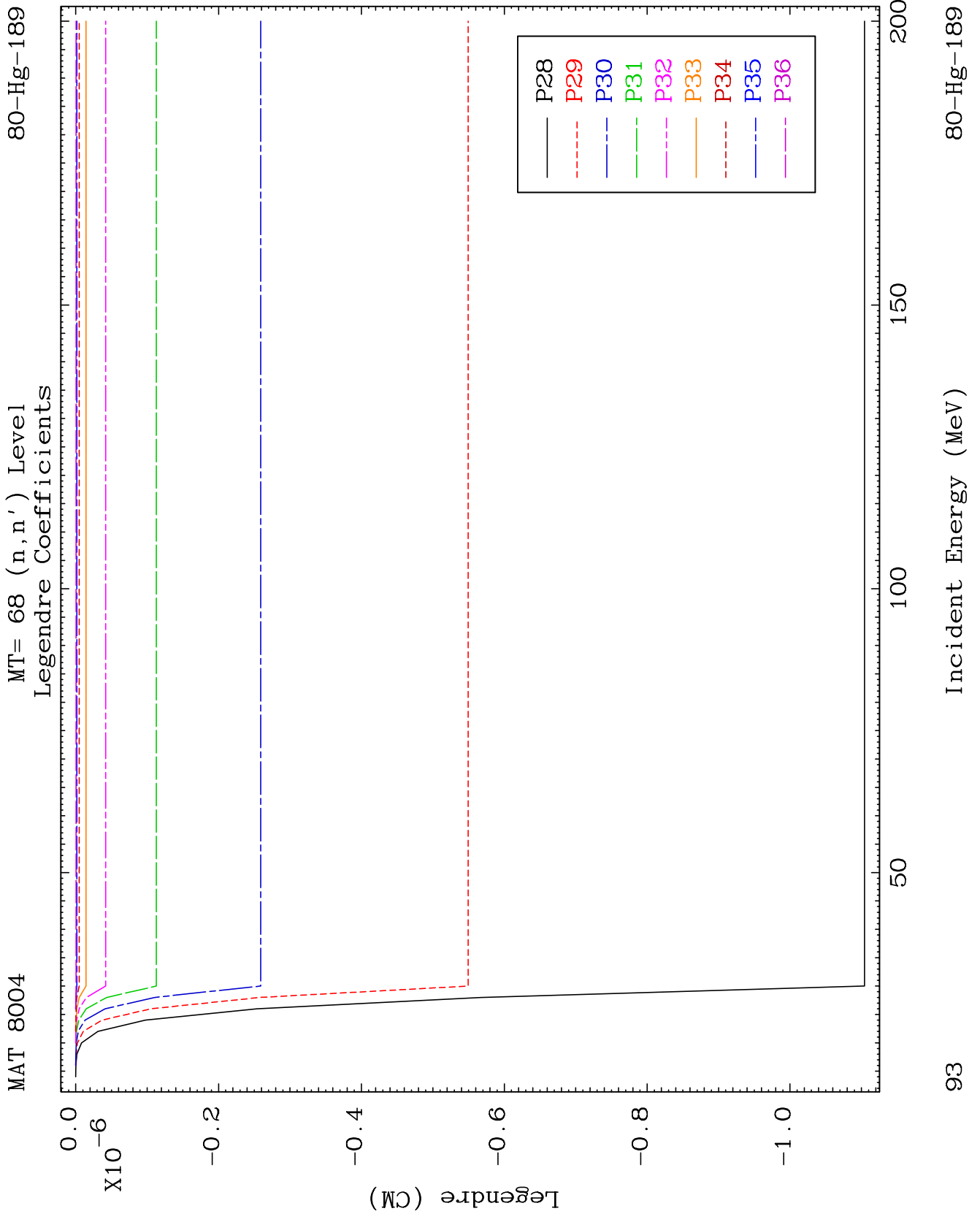
80-Hg-189

MAT 8004

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

80-Hg-189

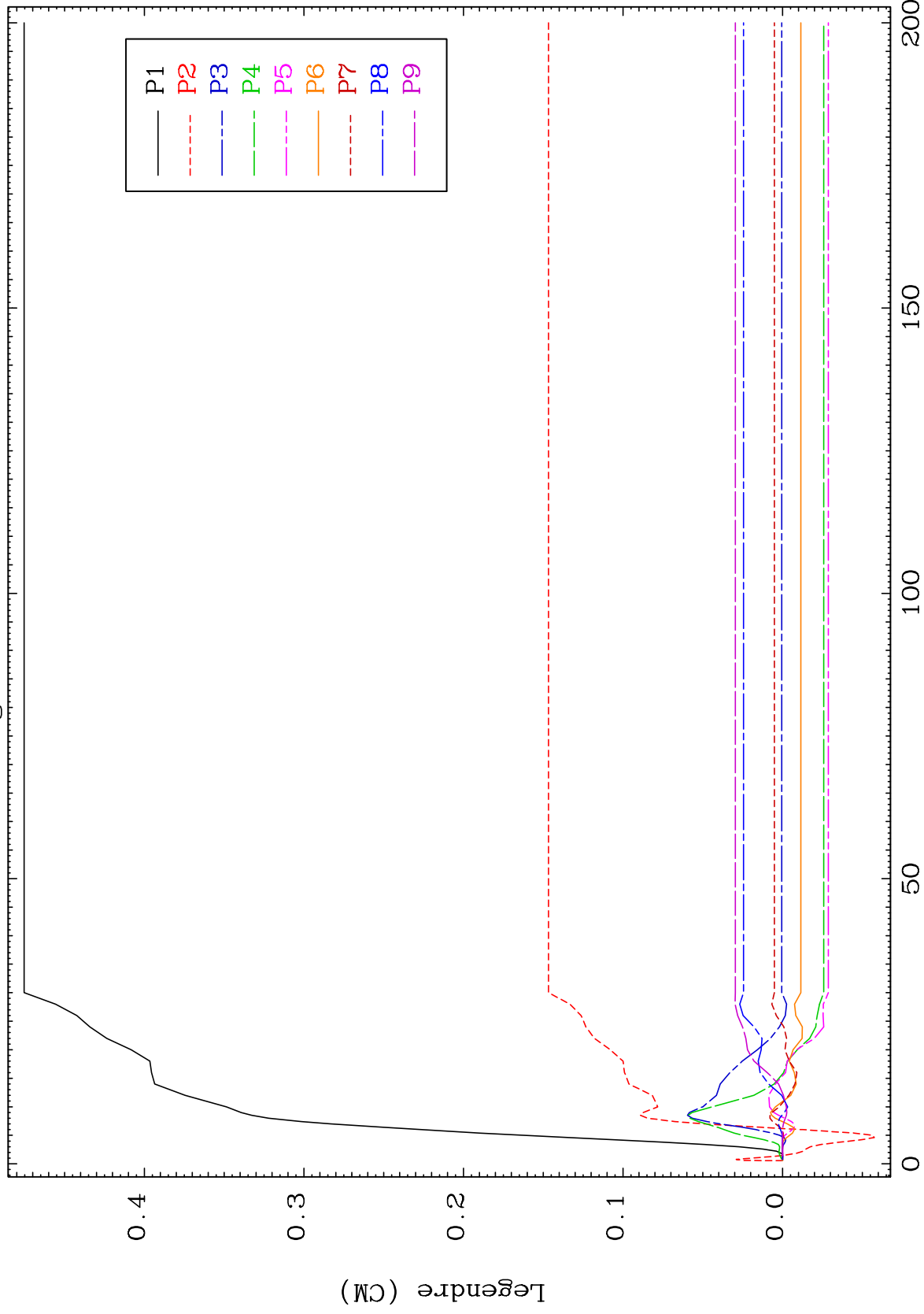




MAT 8004

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

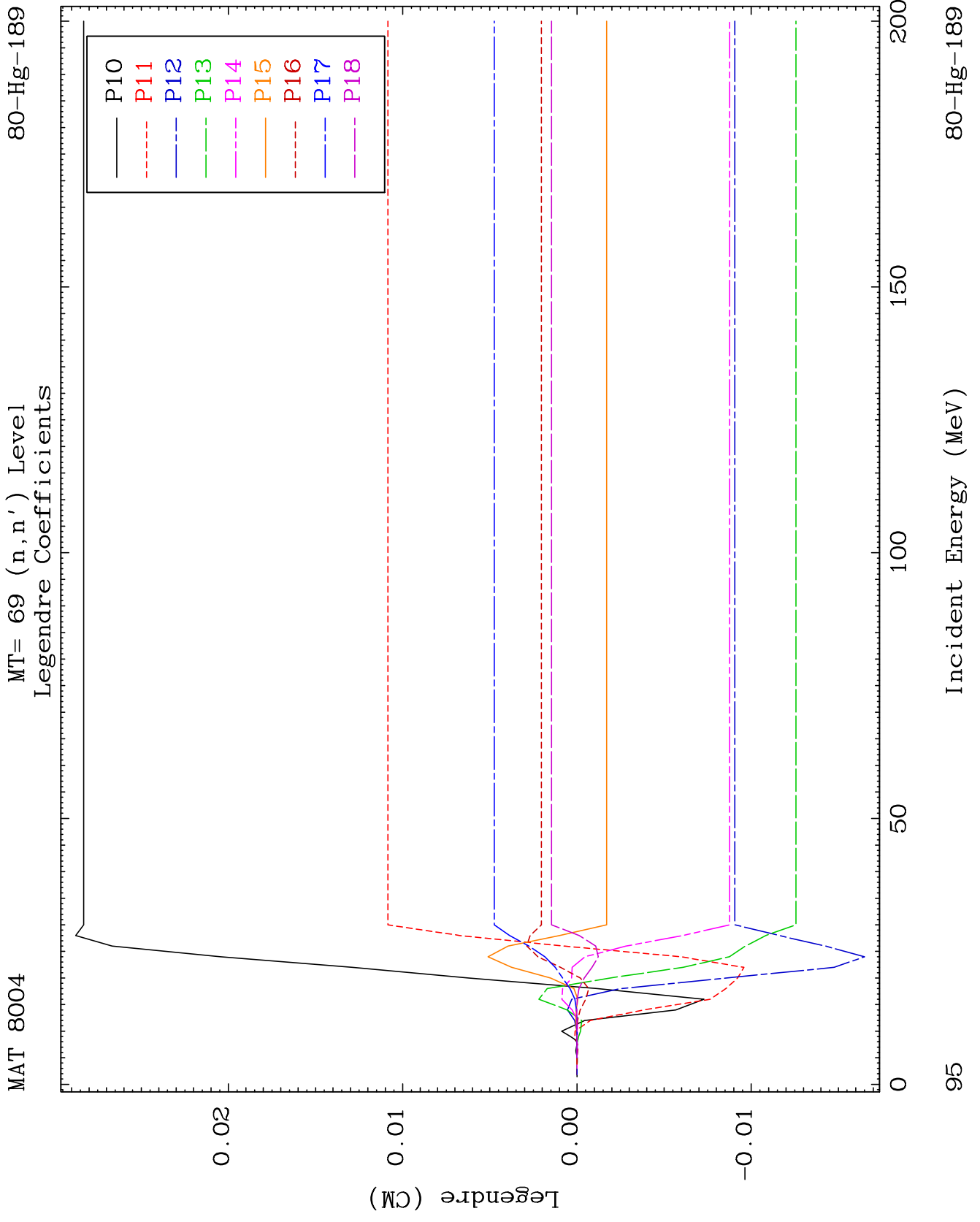
80-Hg-189

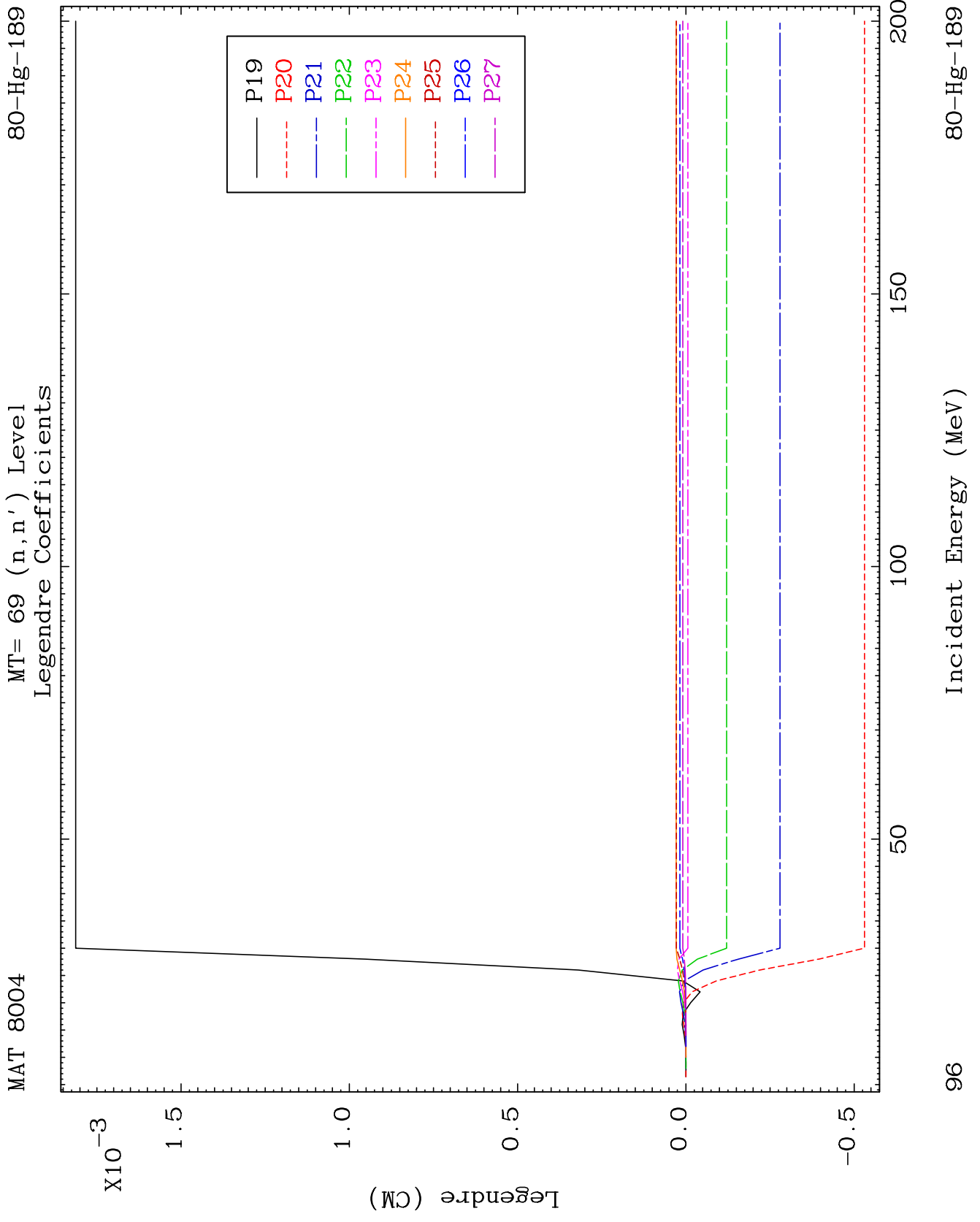


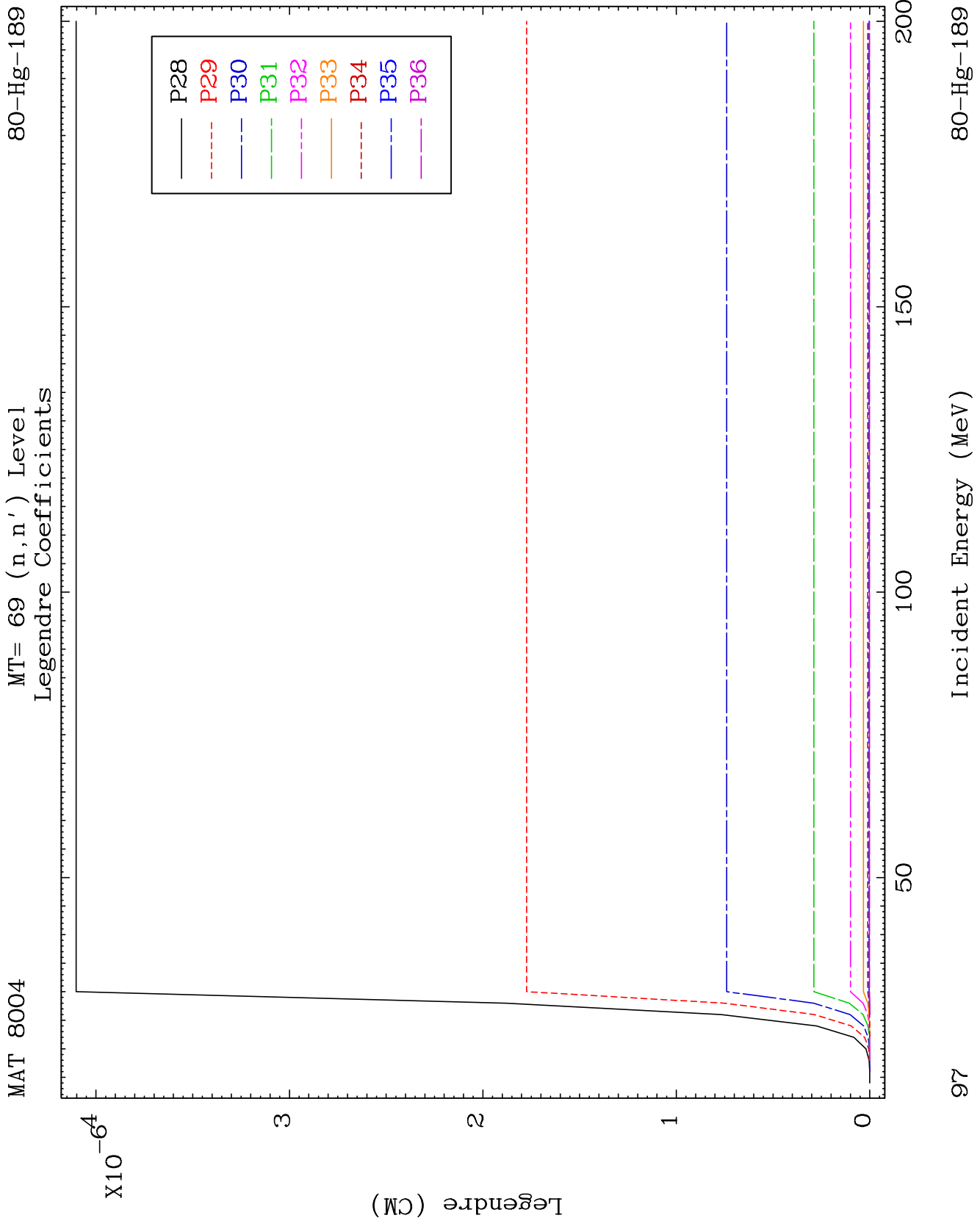
94

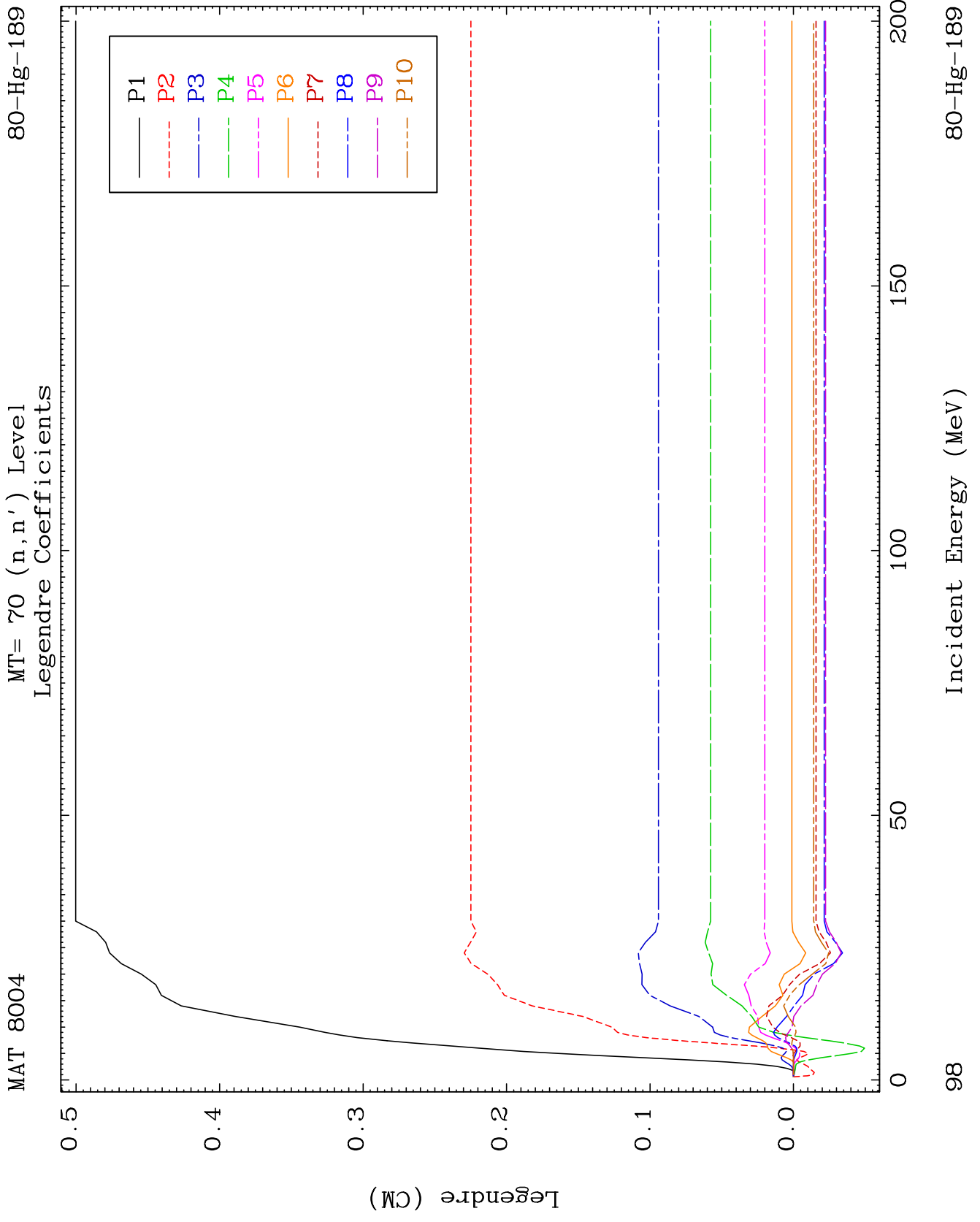
Incident Energy (MeV)

80-Hg-189





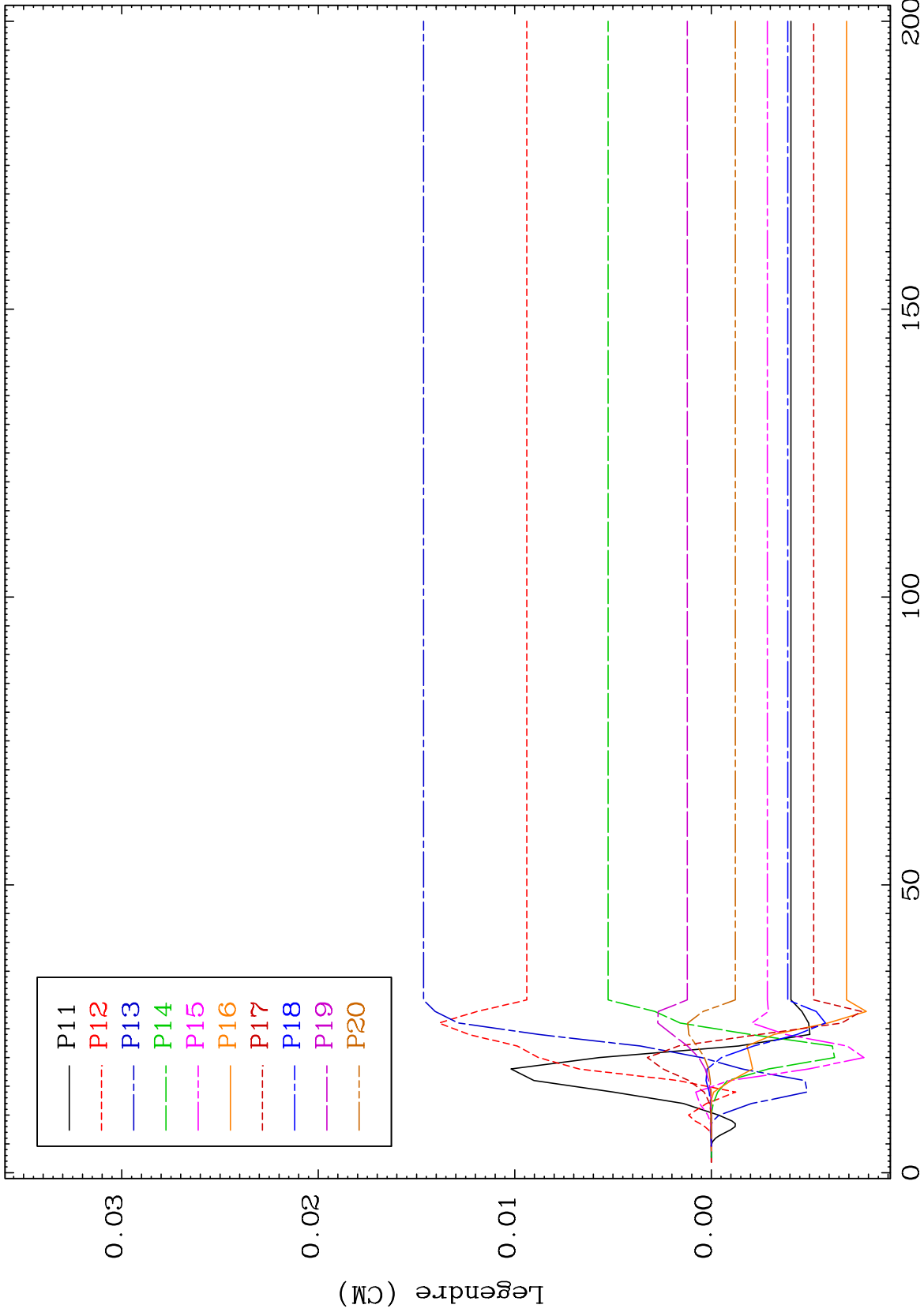




MAT 8004

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

80-Hg-189



99

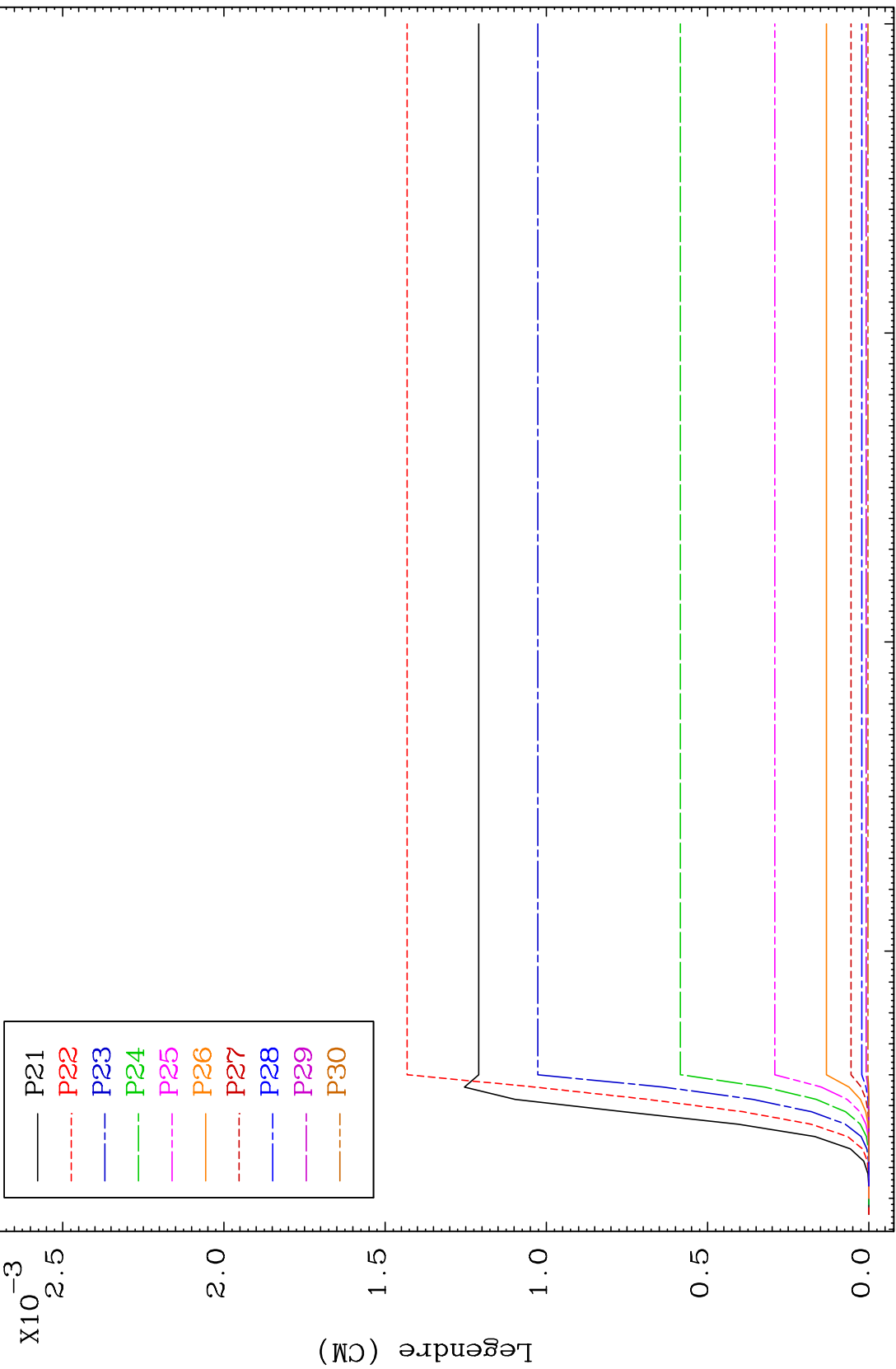
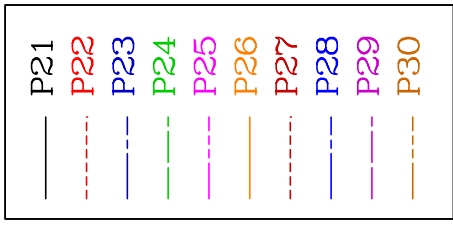
Incident Energy (MeV)

80-Hg-189

MAT 8004

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

80-Hg-189



100

50

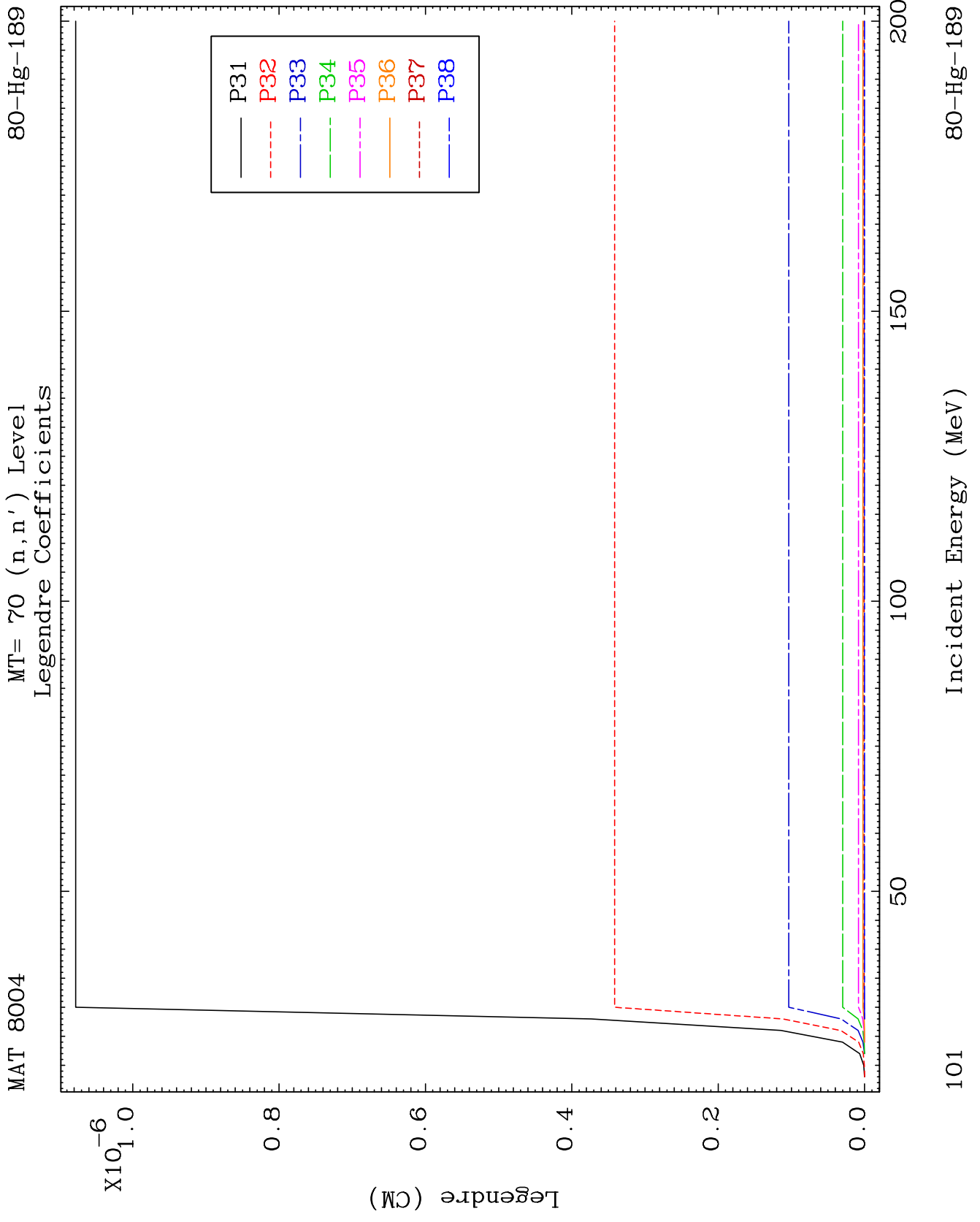
100

150

200

Incident Energy (MeV)

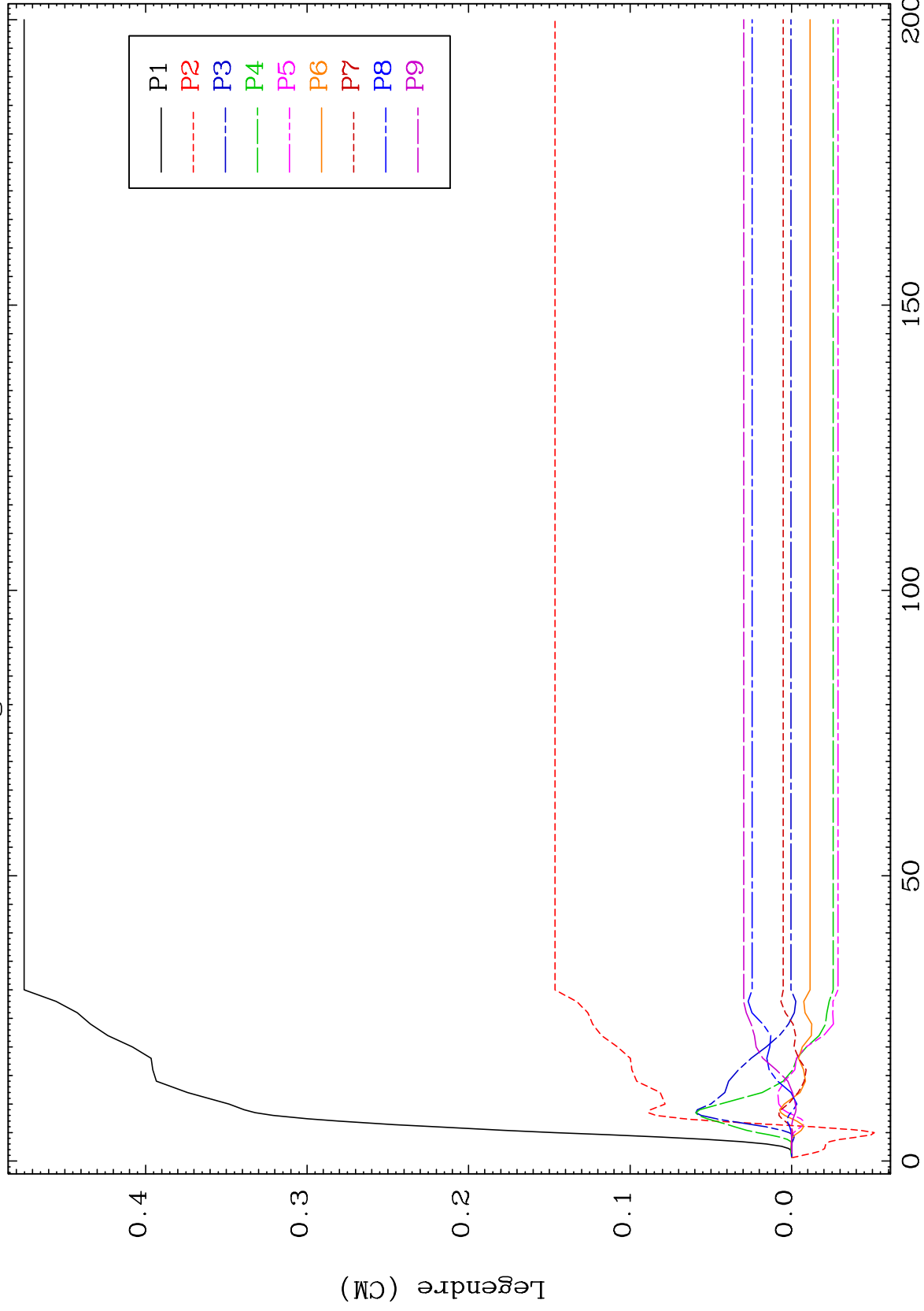
80-Hg-189



MAT 8004

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

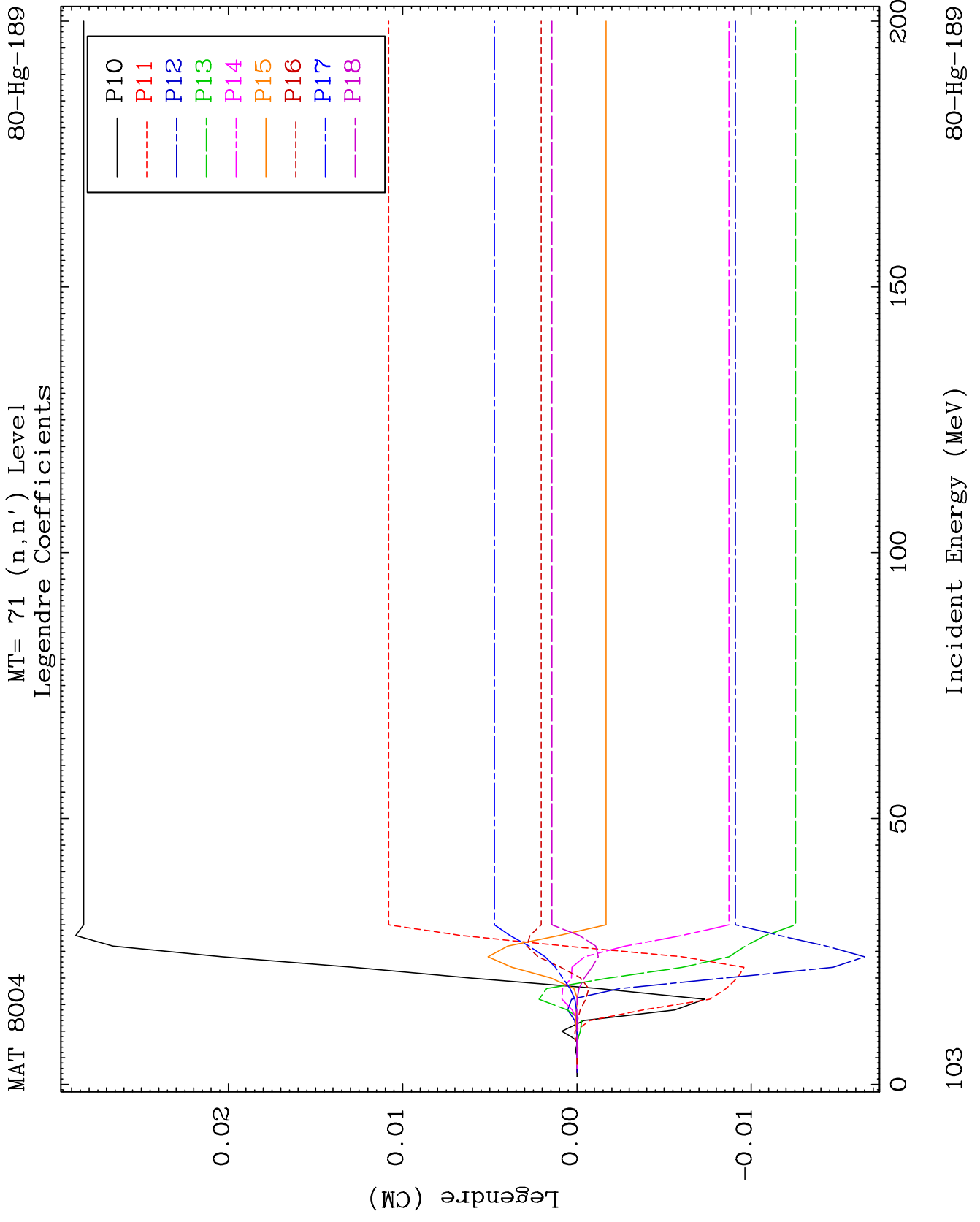
80-Hg-189

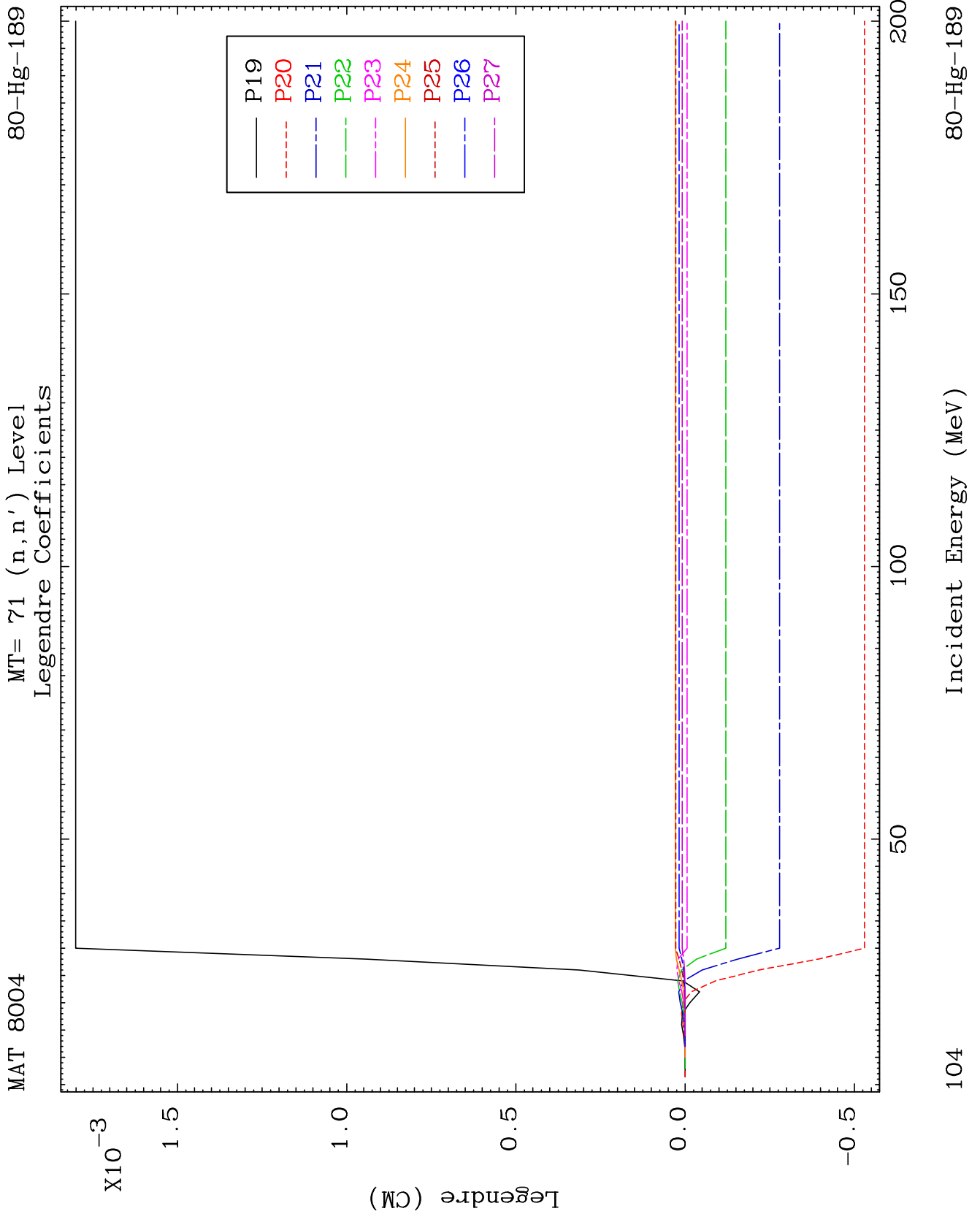


102

Incident Energy (MeV)

80-Hg-189

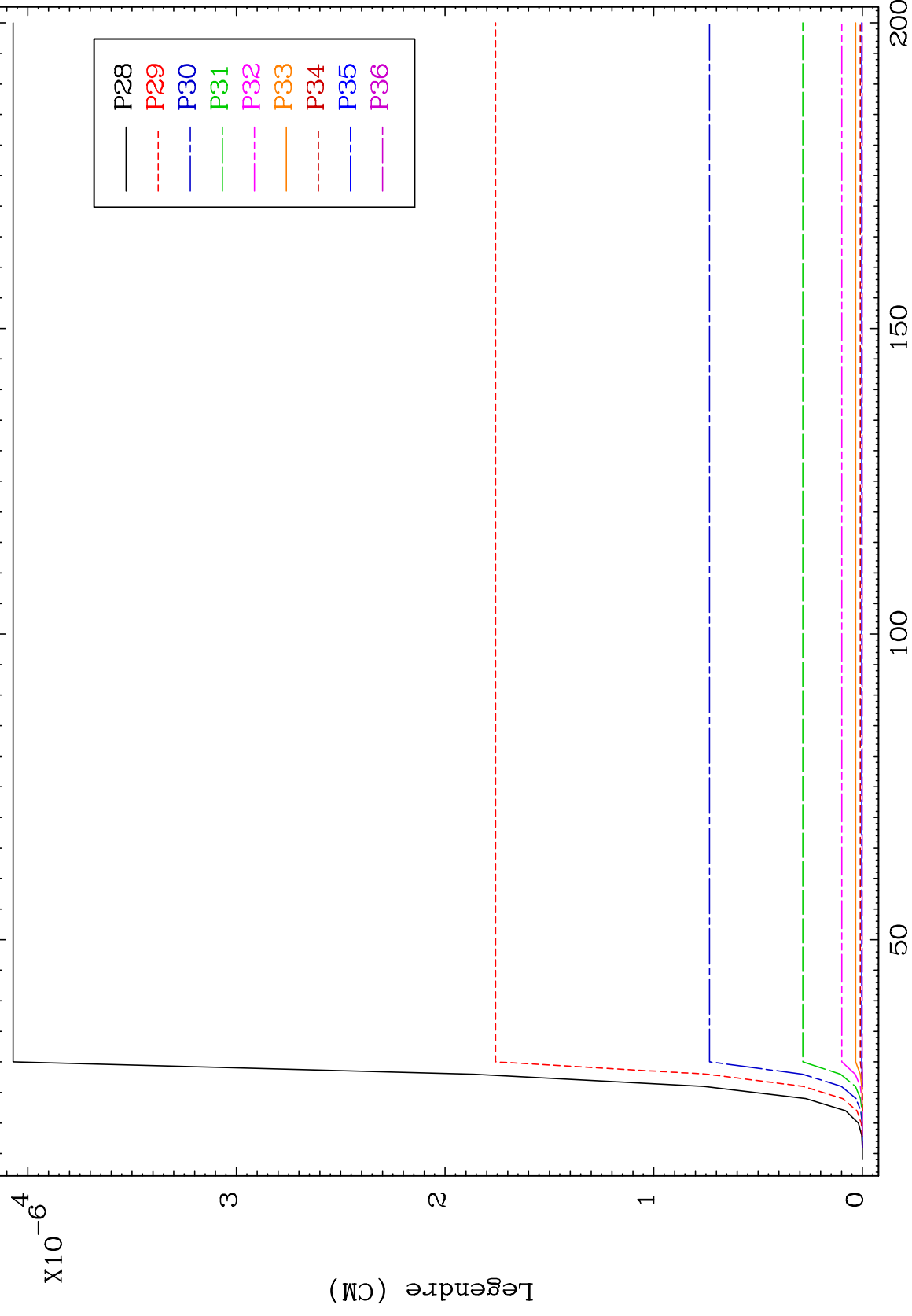




MAT 8004

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

80-Hg-189



105

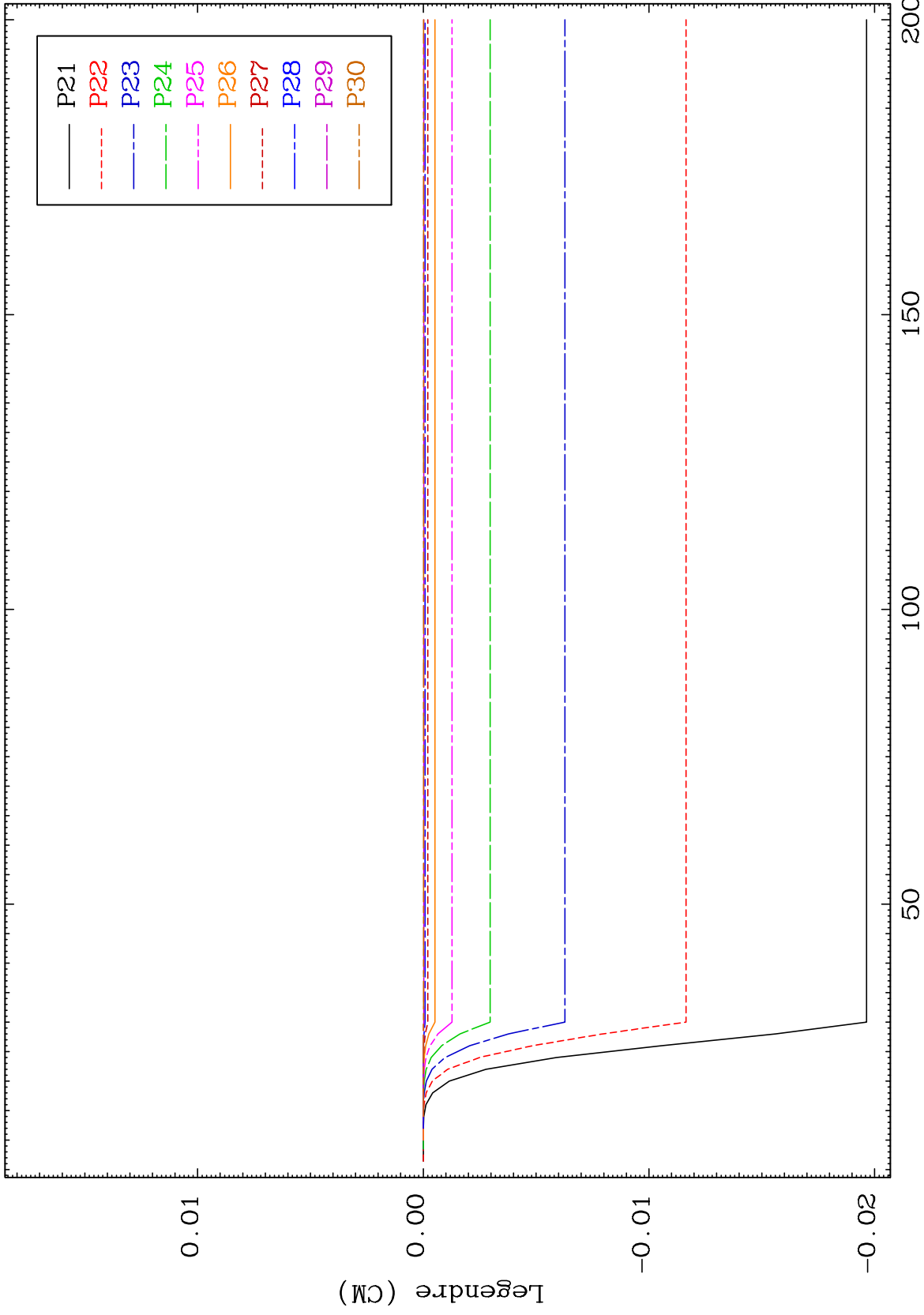
Incident Energy (MeV)

80-Hg-189

MAT 8004

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

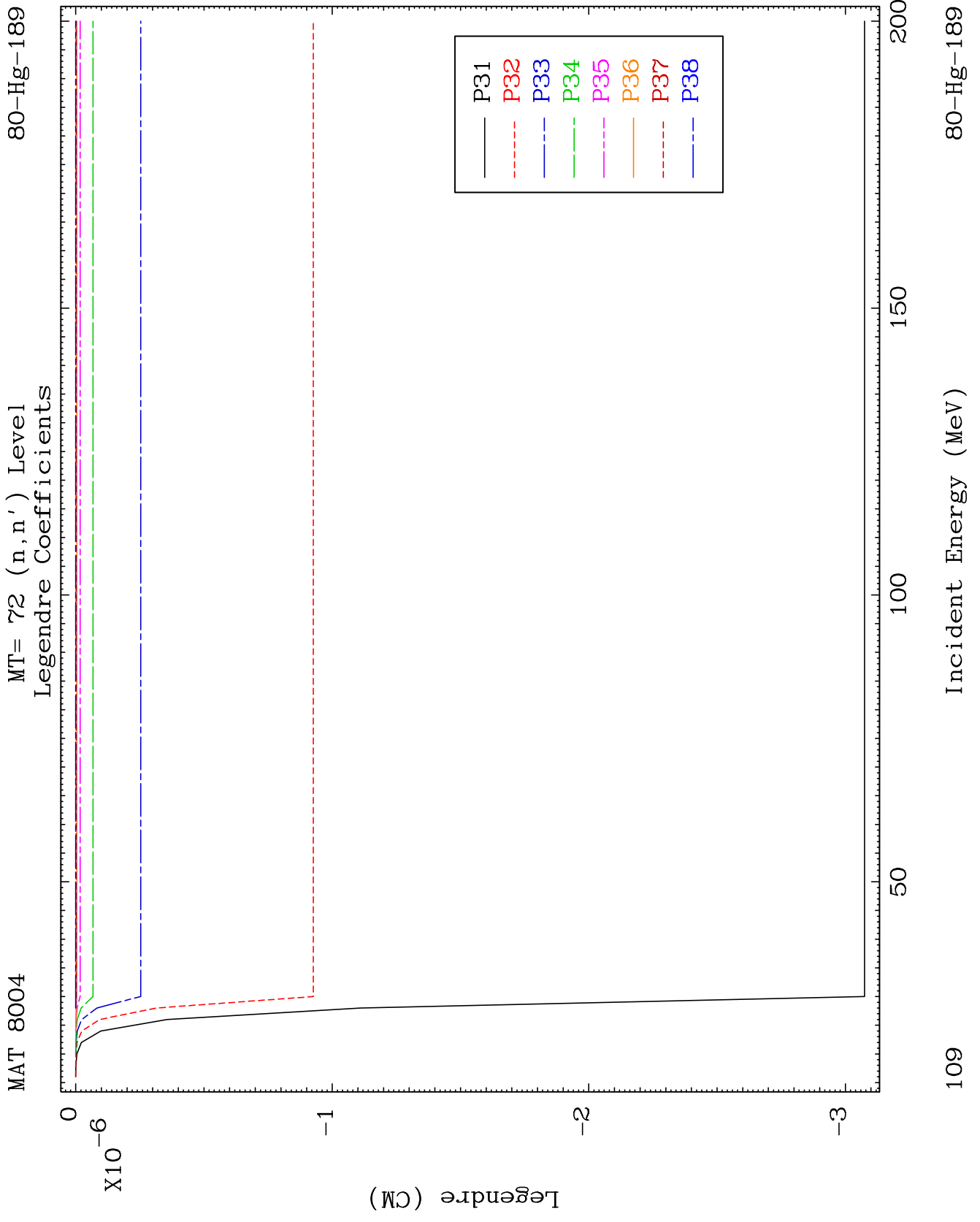
80-Hg-189

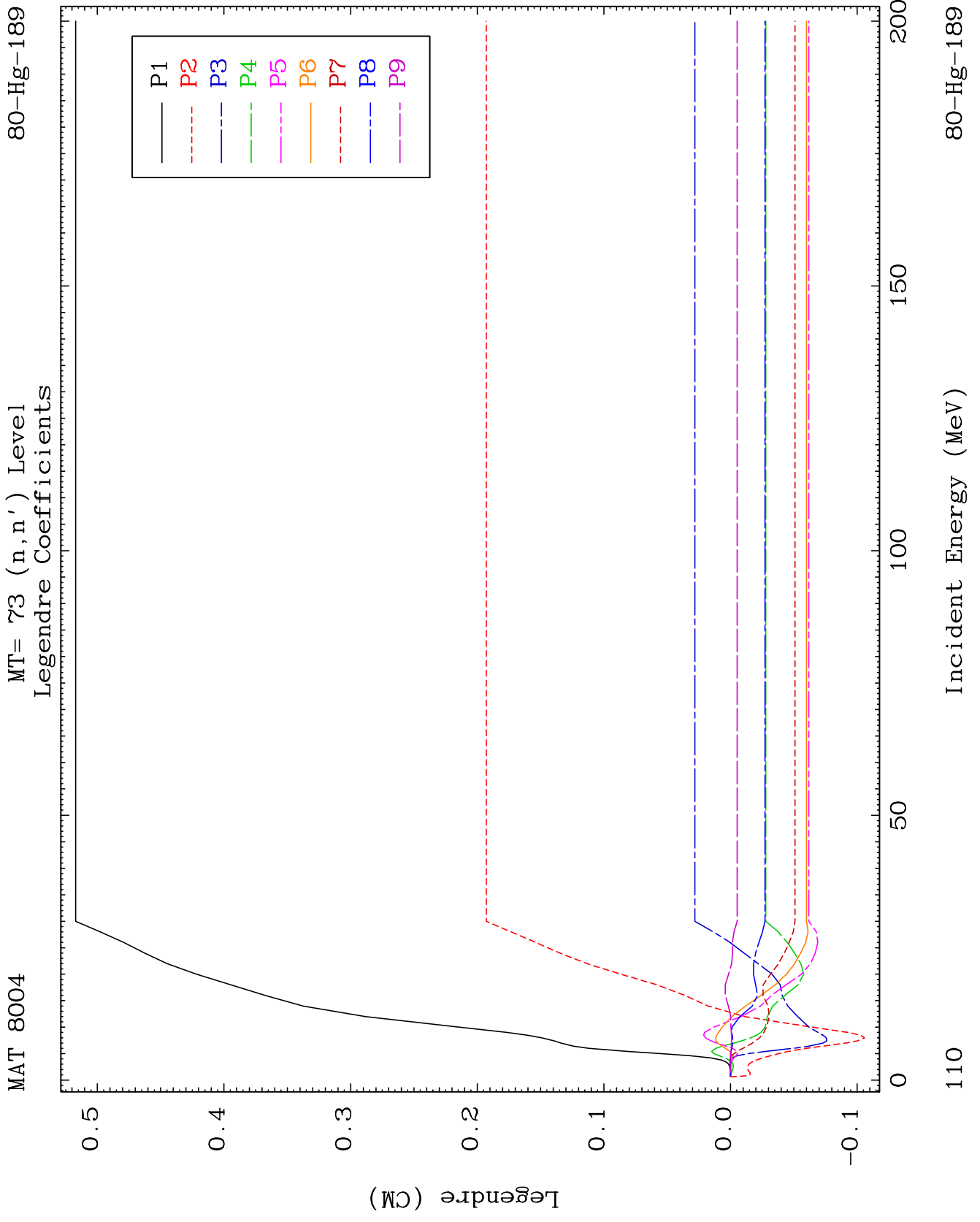


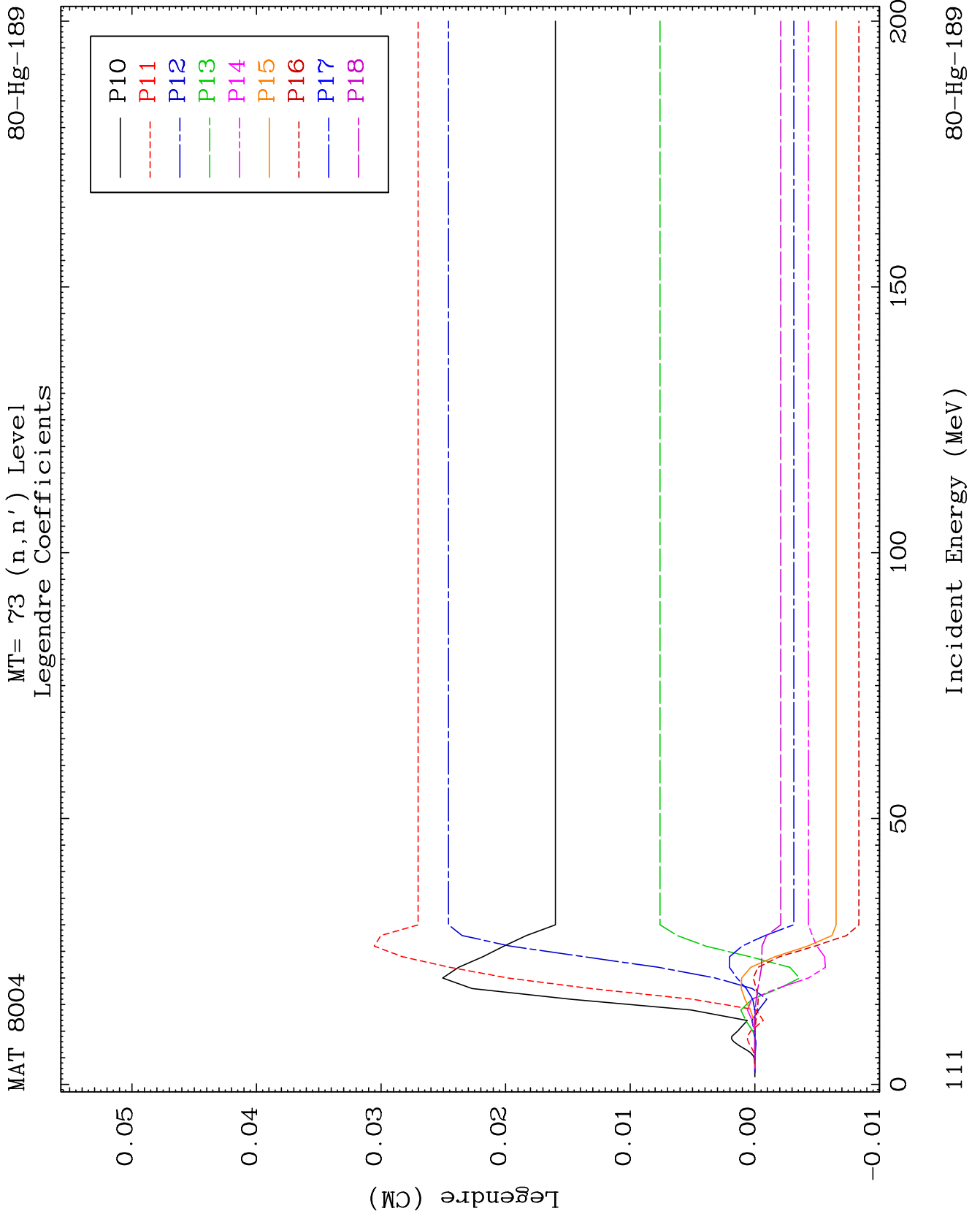
108

Incident Energy (MeV)

80-Hg-189



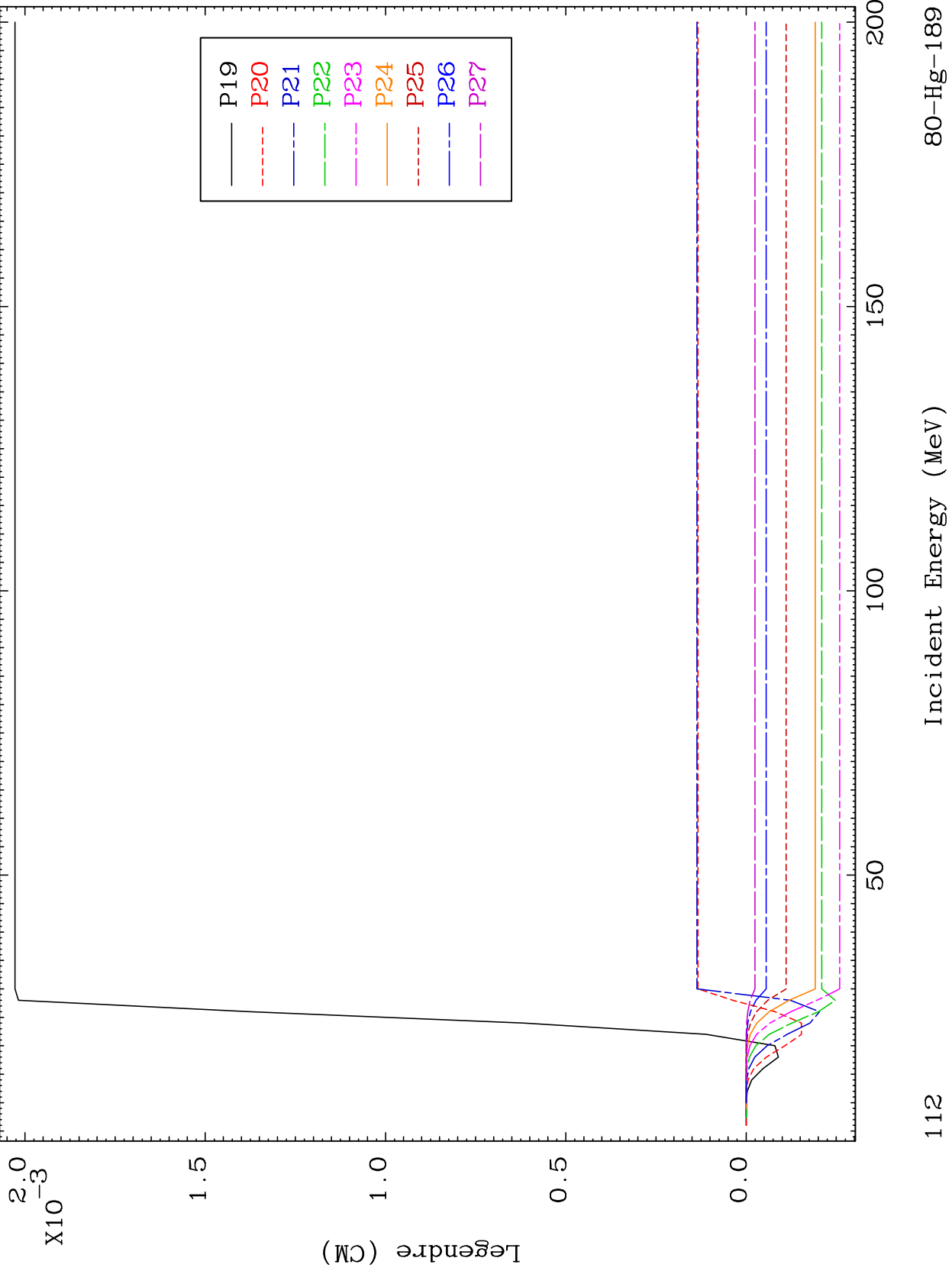


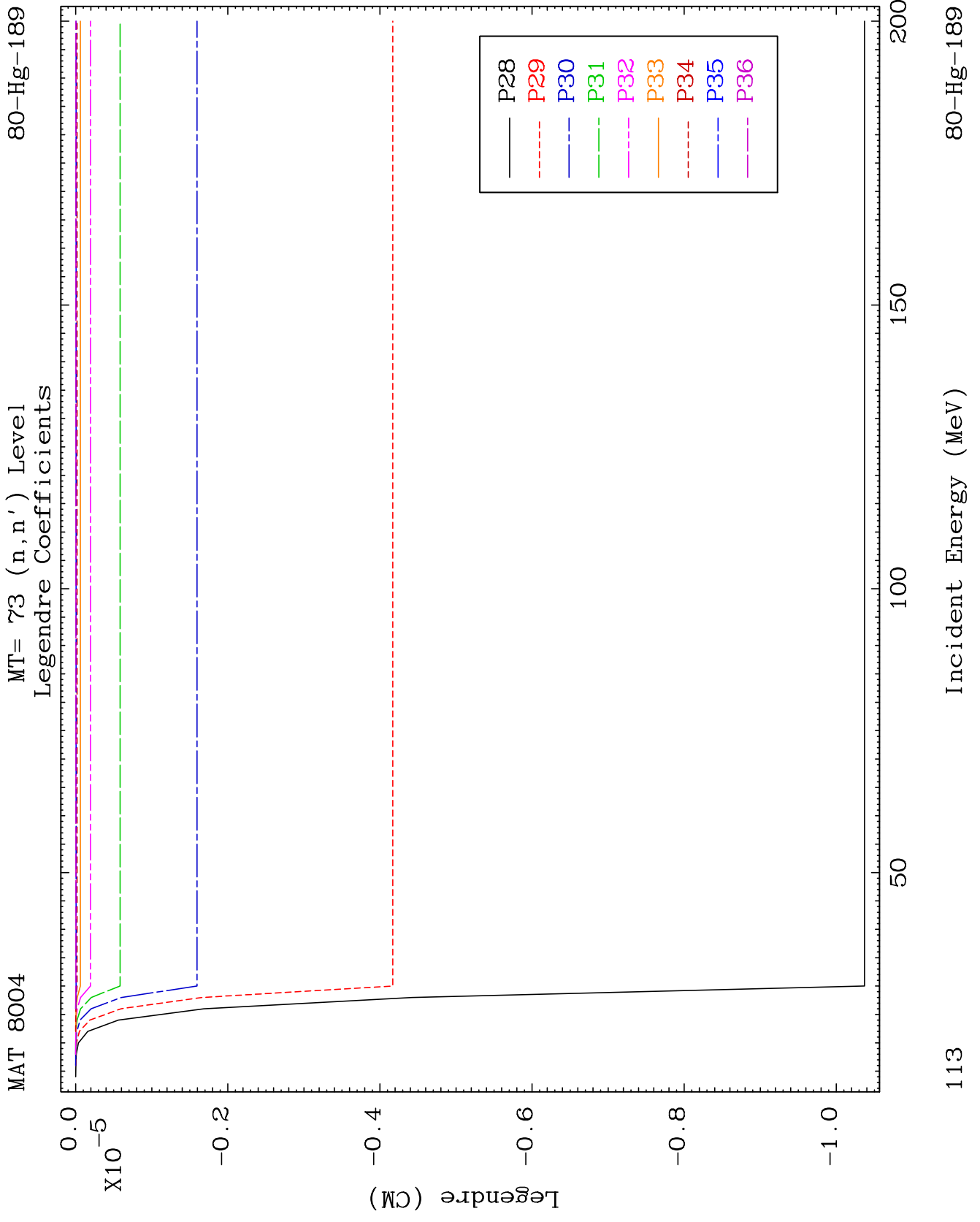


MAT 8004

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

80-Hg-189

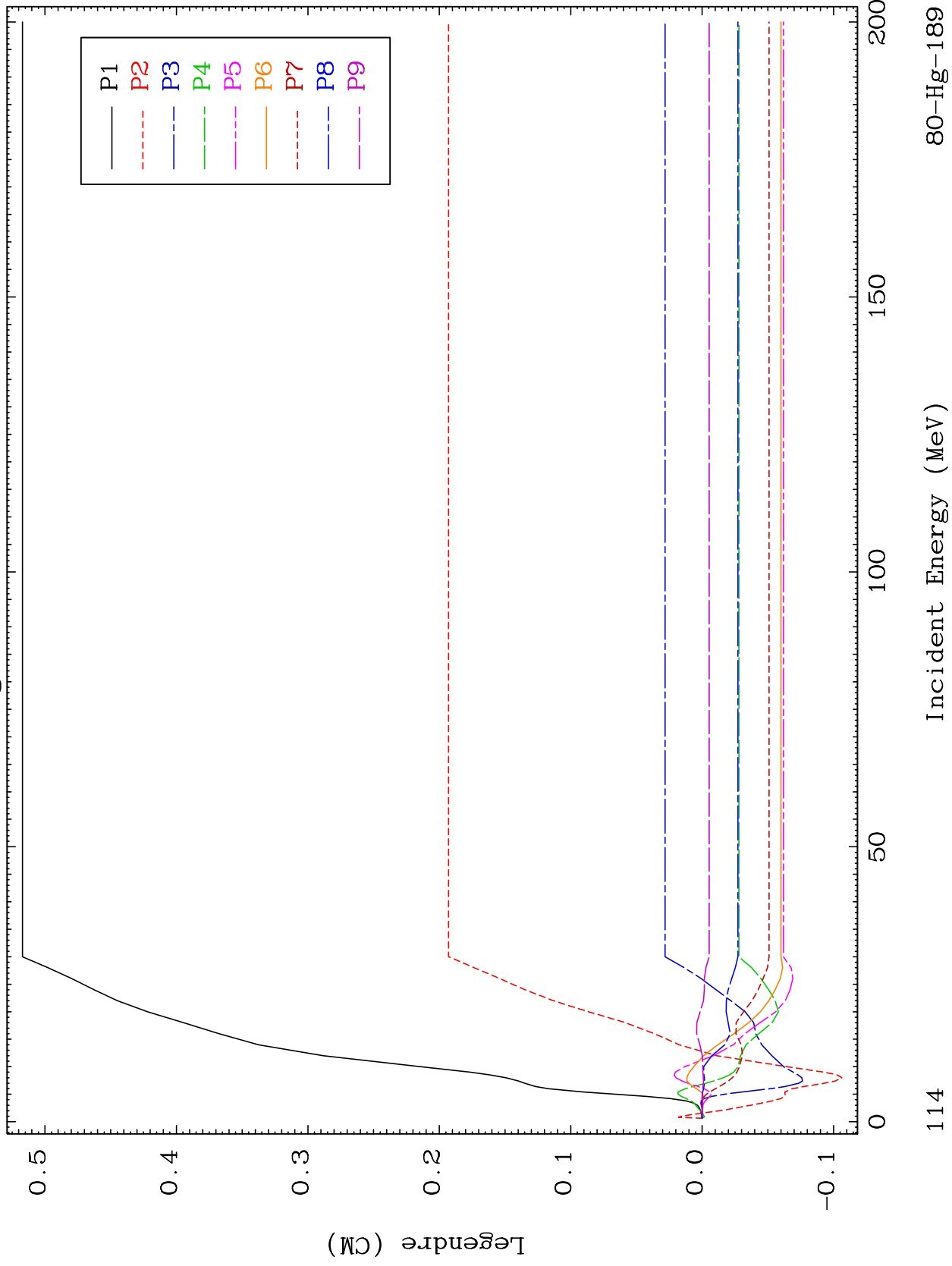




MAT 8004

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

80-Hg-189



80-Hg-189

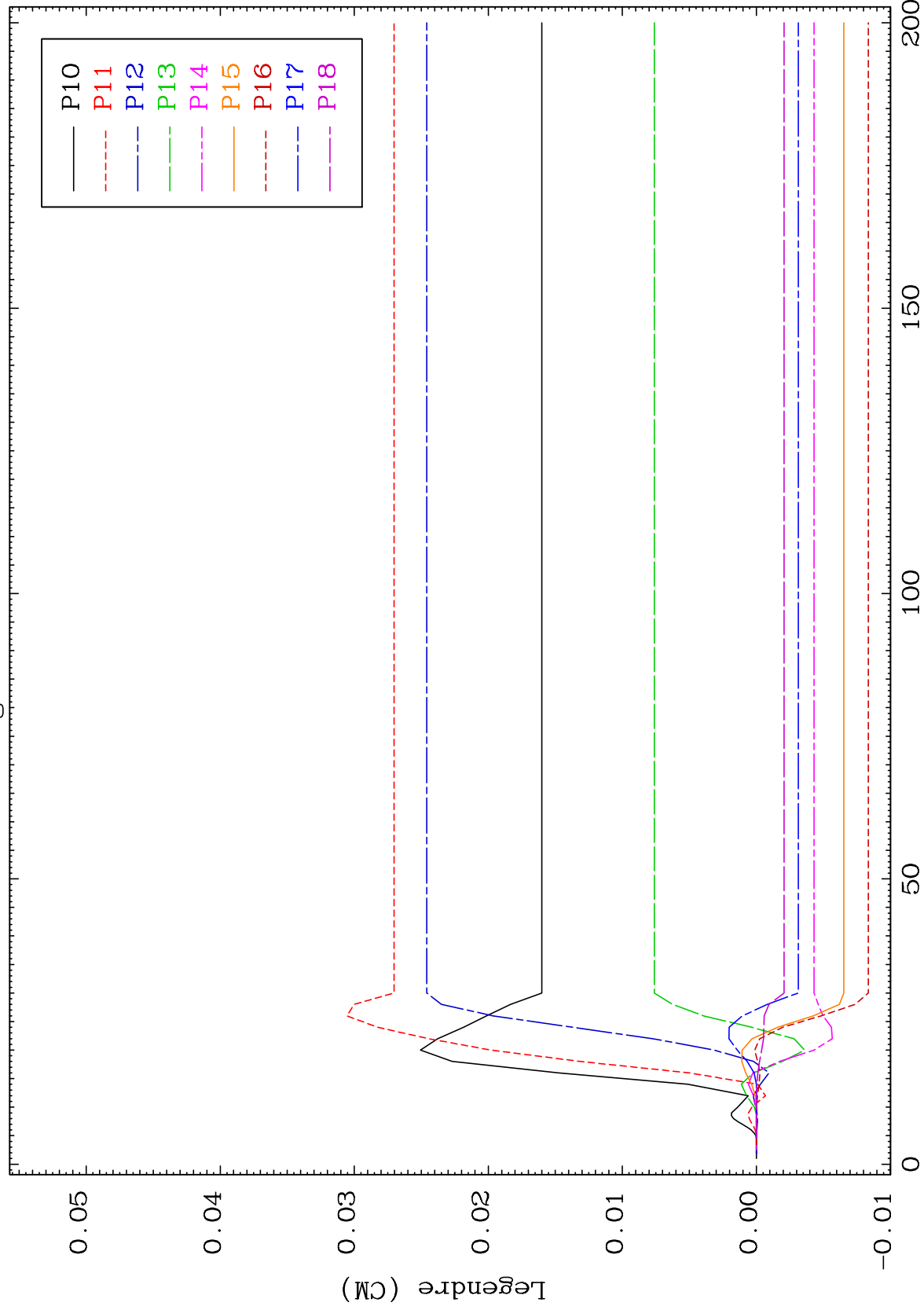
Incident Energy (MeV)

114

MAT 8004

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

80-Hg-189



115

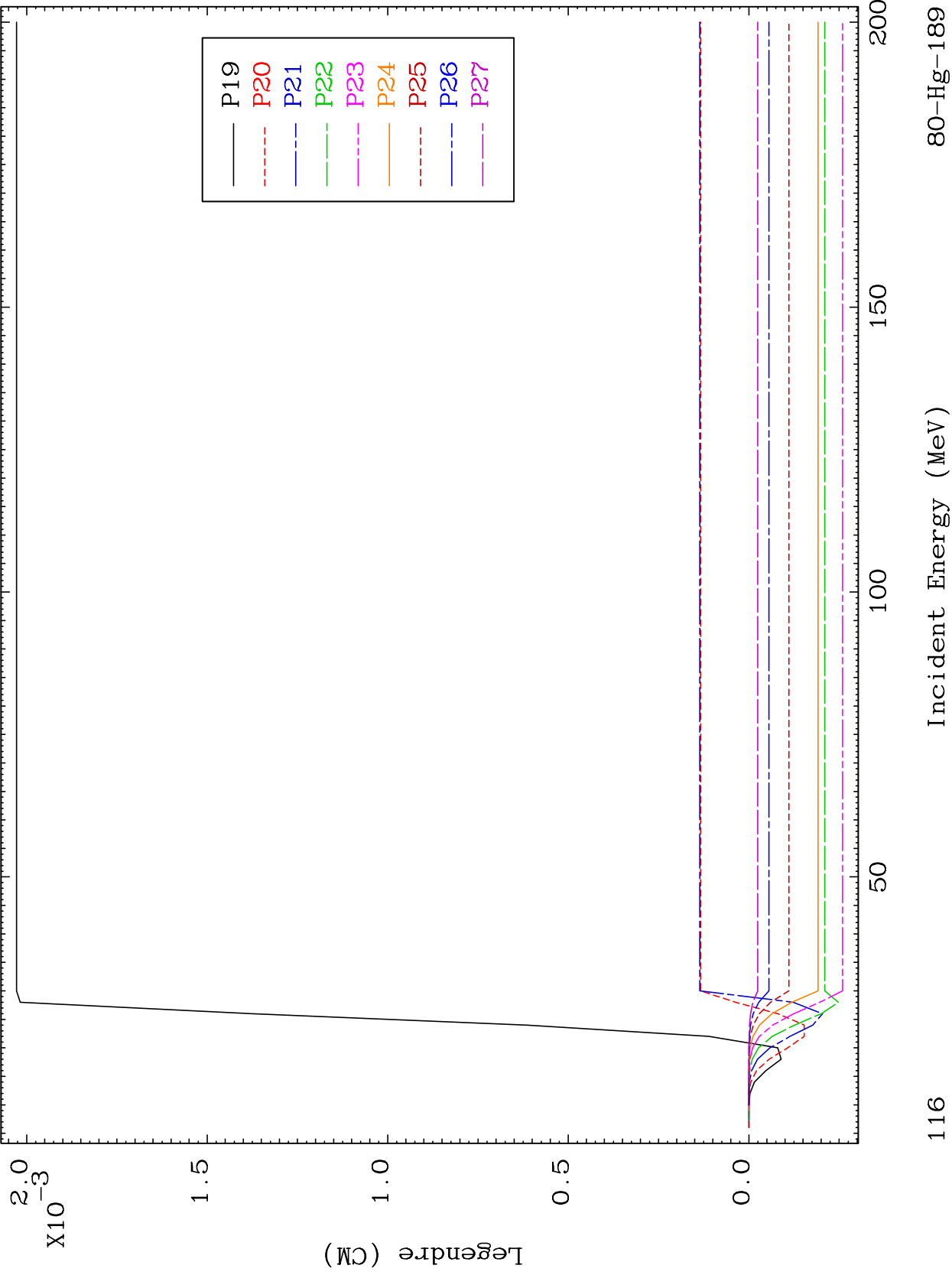
Incident Energy (MeV)

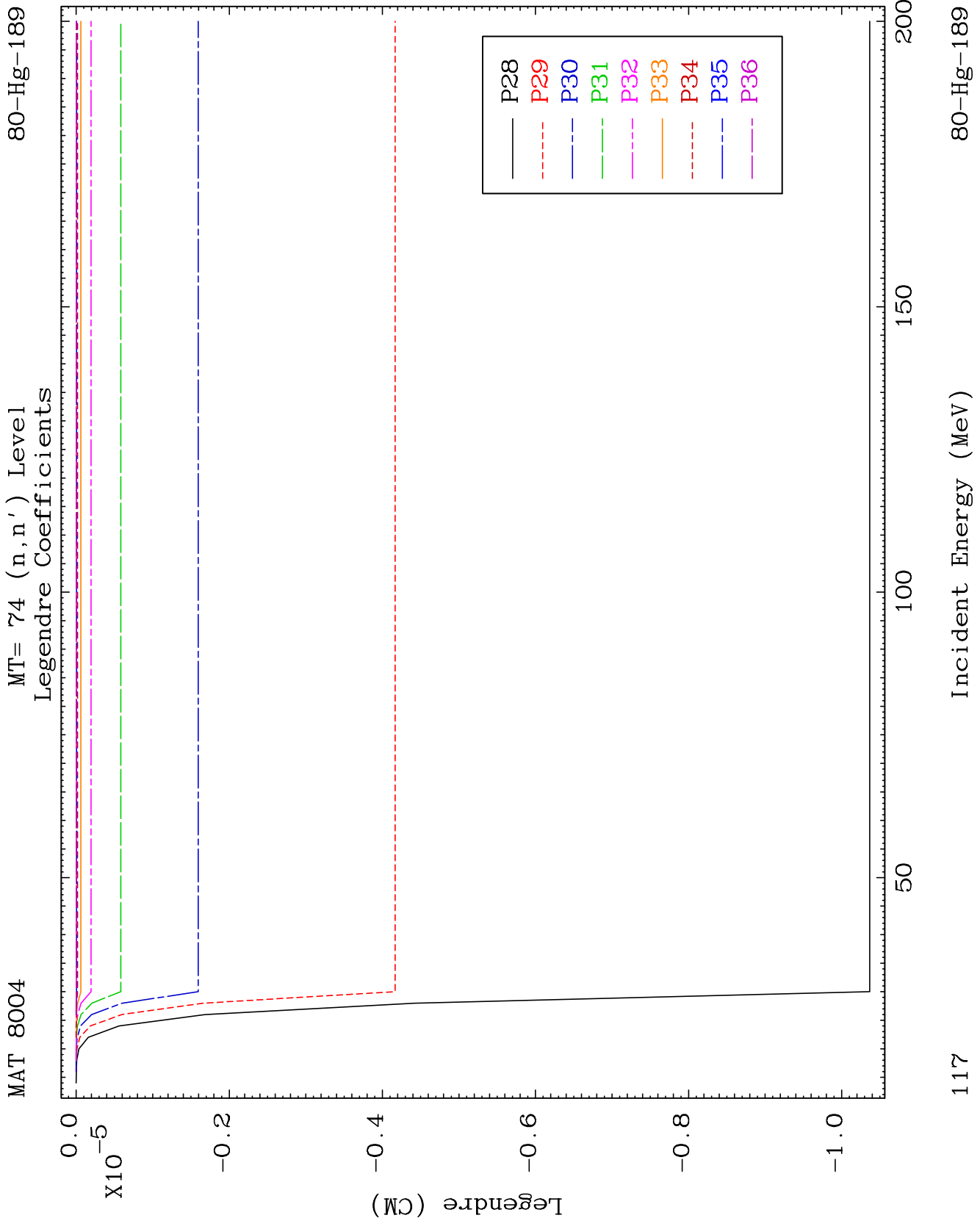
80-Hg-189

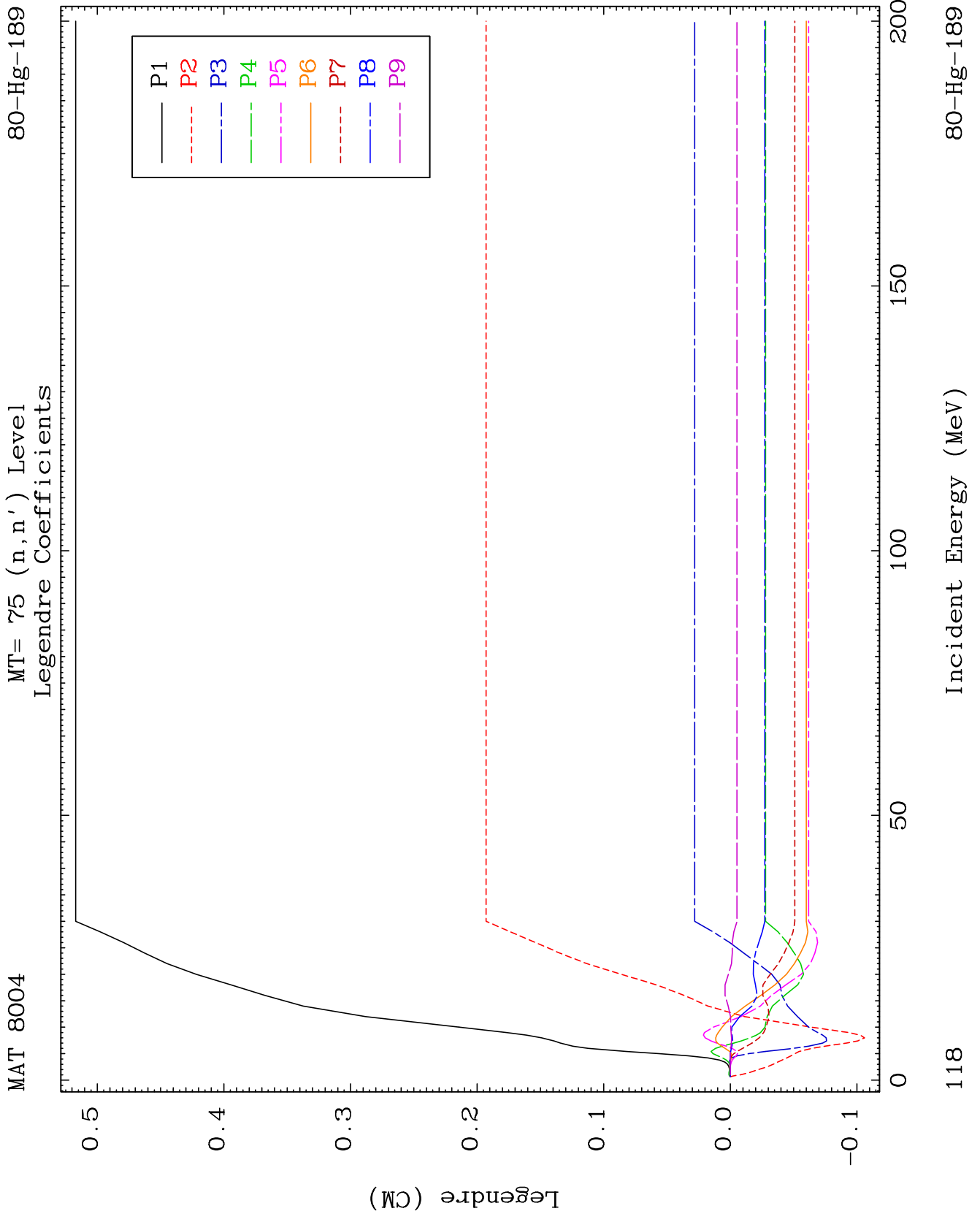
MAT 8004

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

80-Hg-189



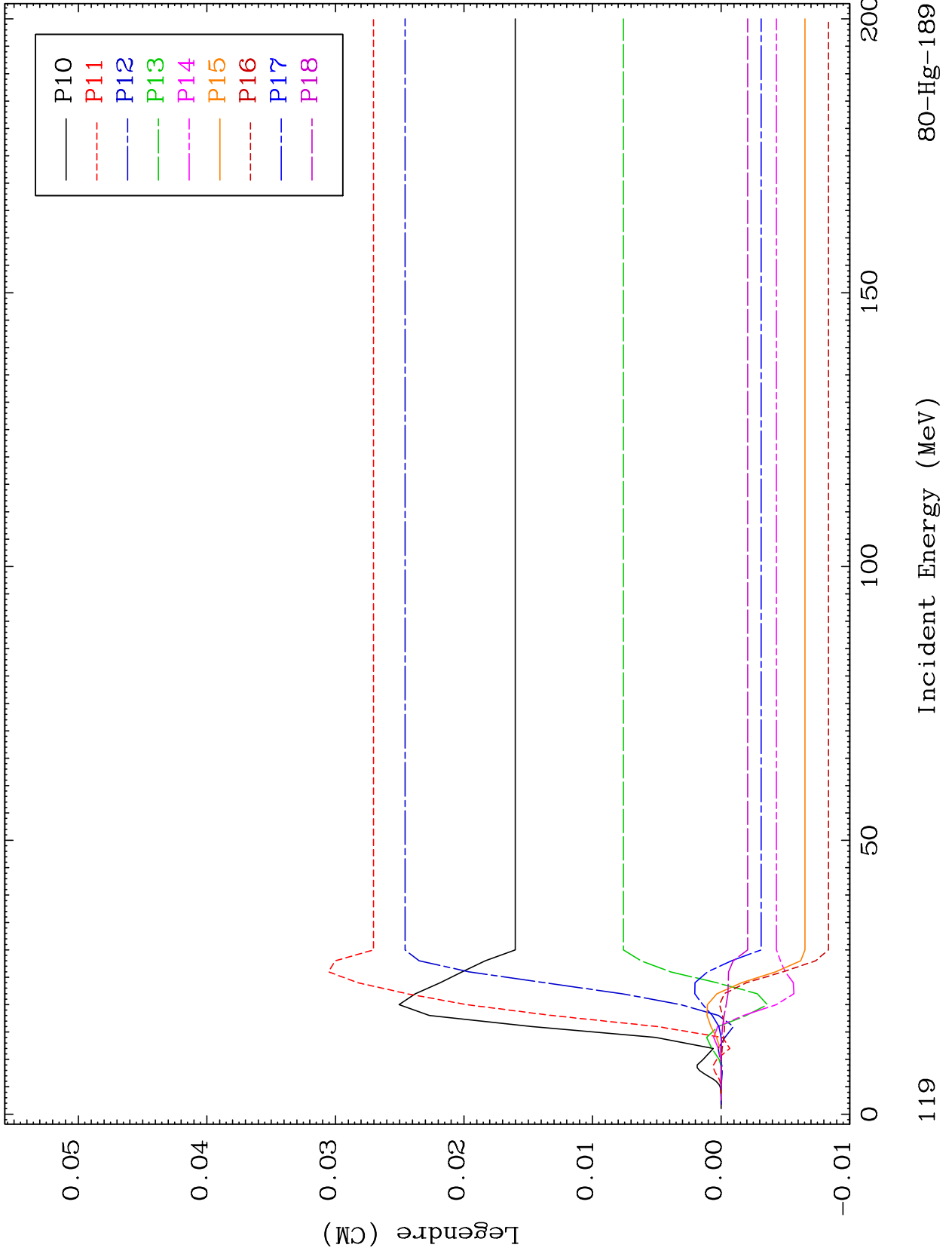




MAT 8004

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

80-Hg-189



119

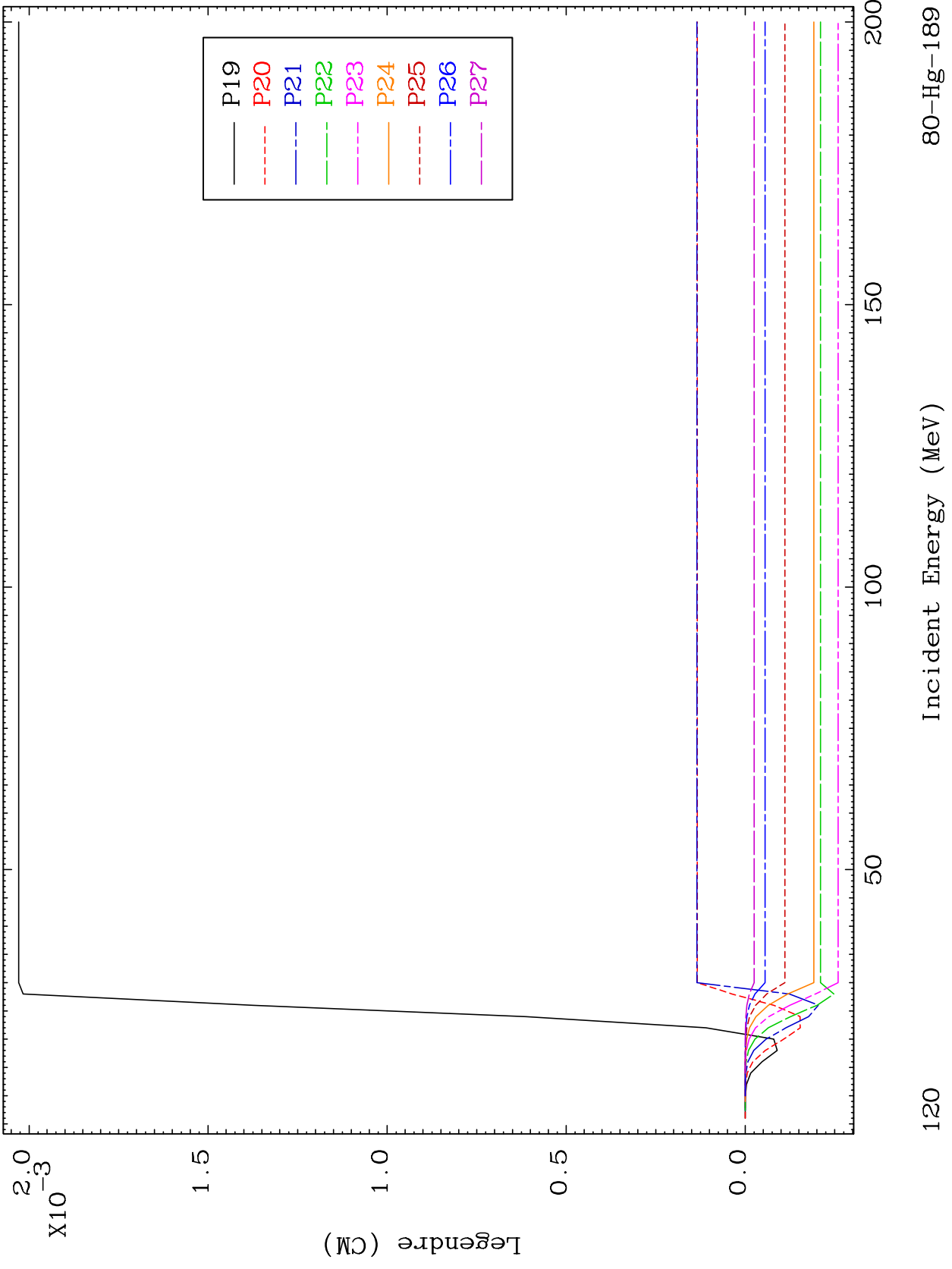
Incident Energy (MeV)

80-Hg-189

MAT 8004

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

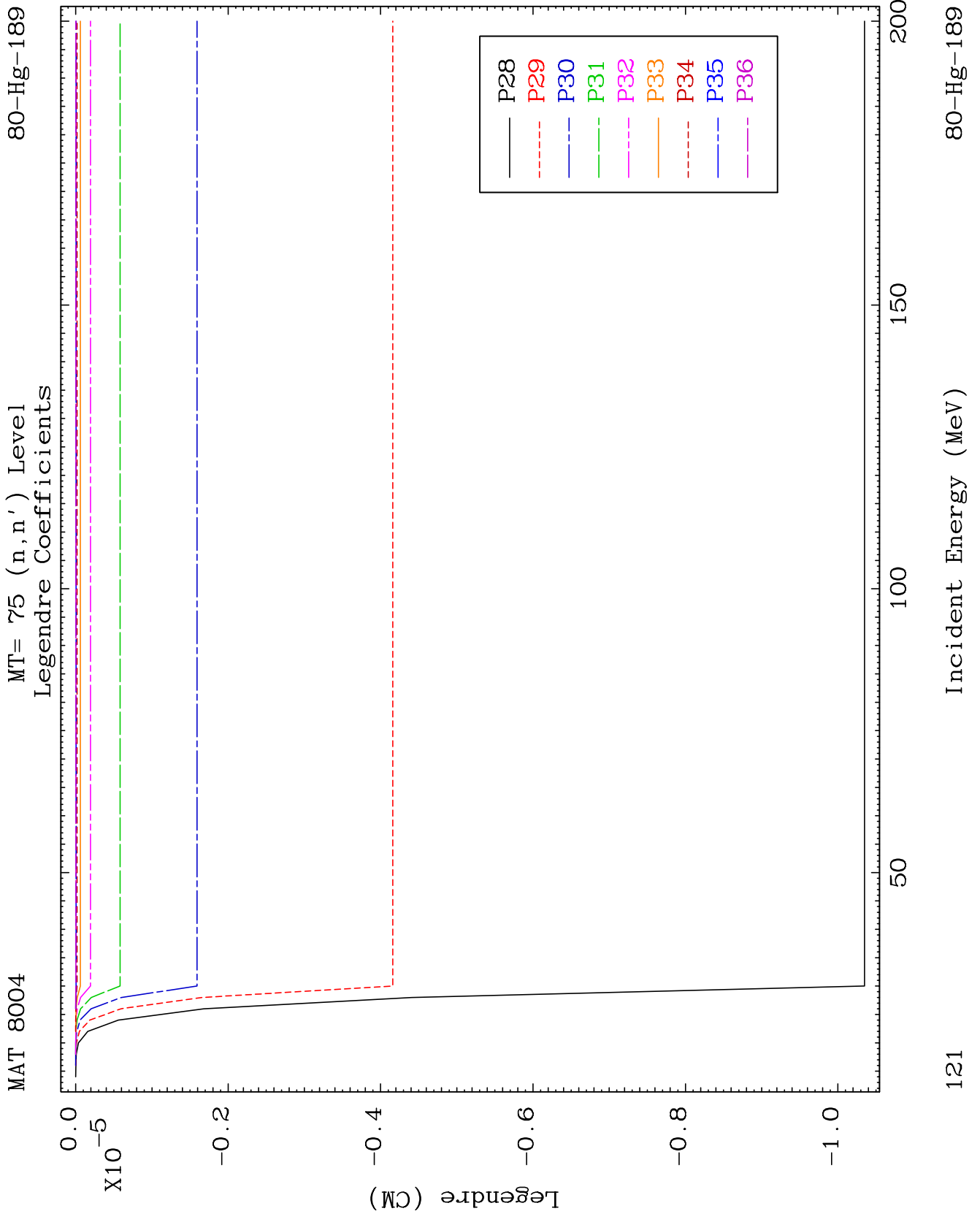
80-Hg-189



120

Incident Energy (MeV)

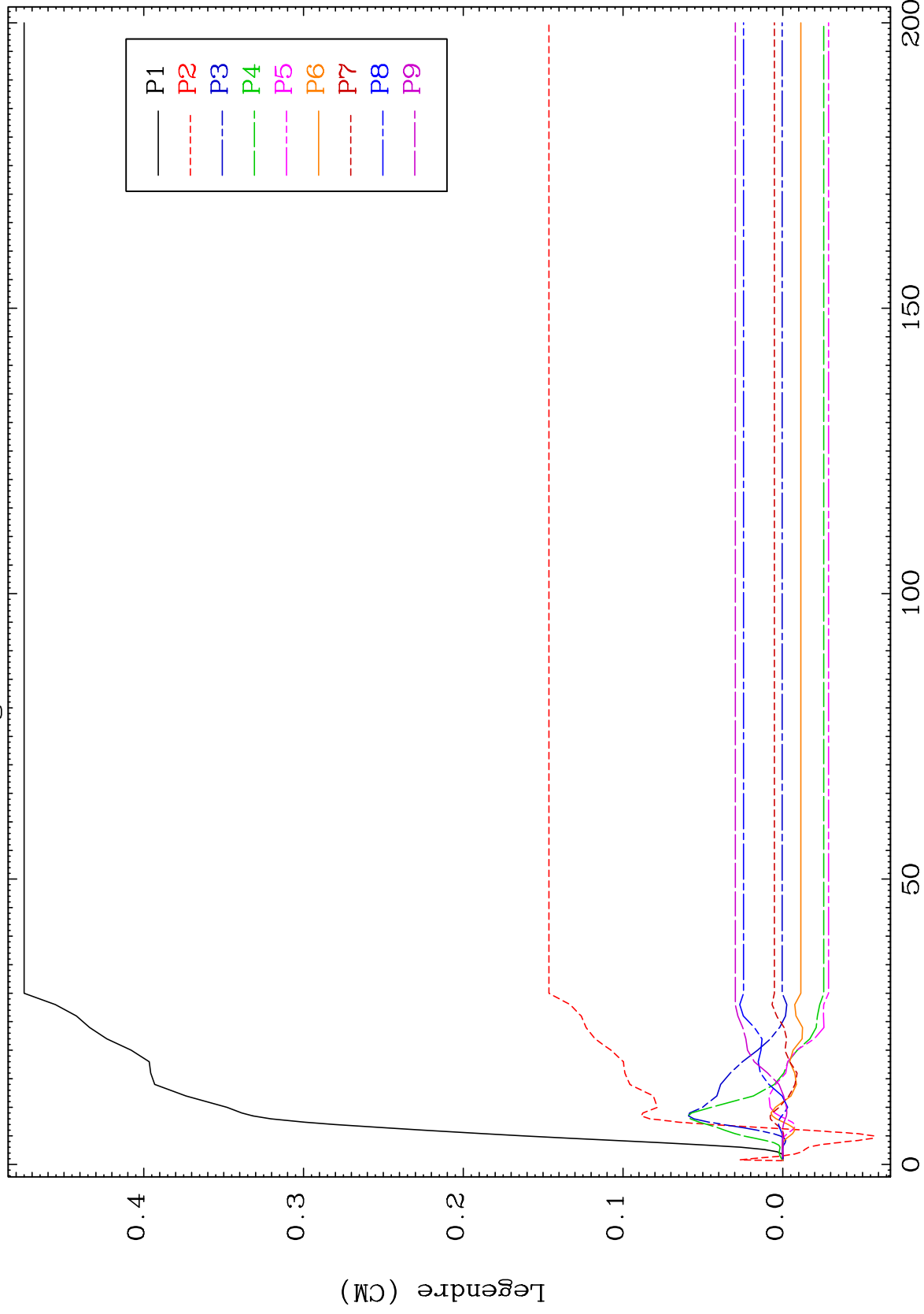
80-Hg-189



MAT 8004

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

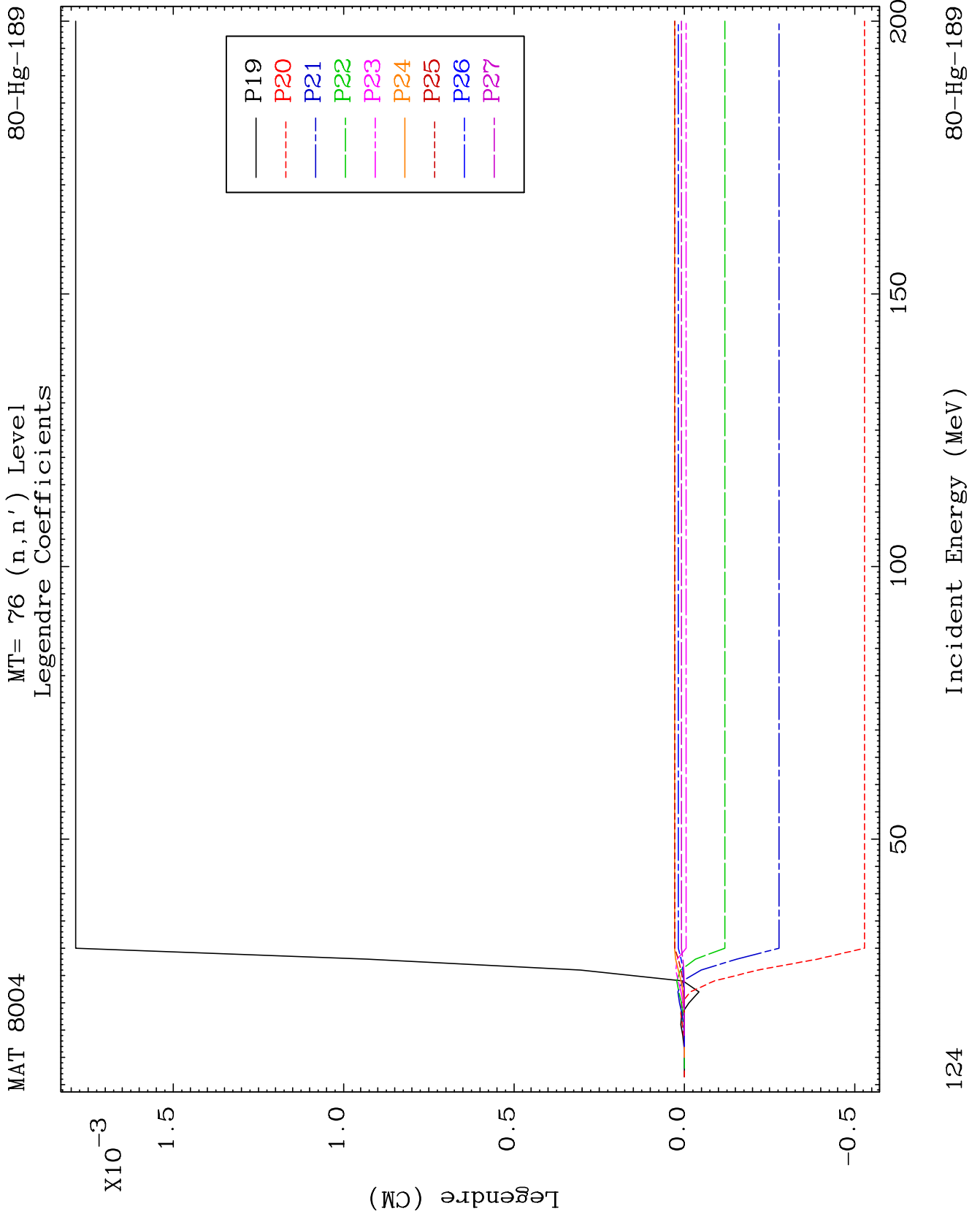
80-Hg-189

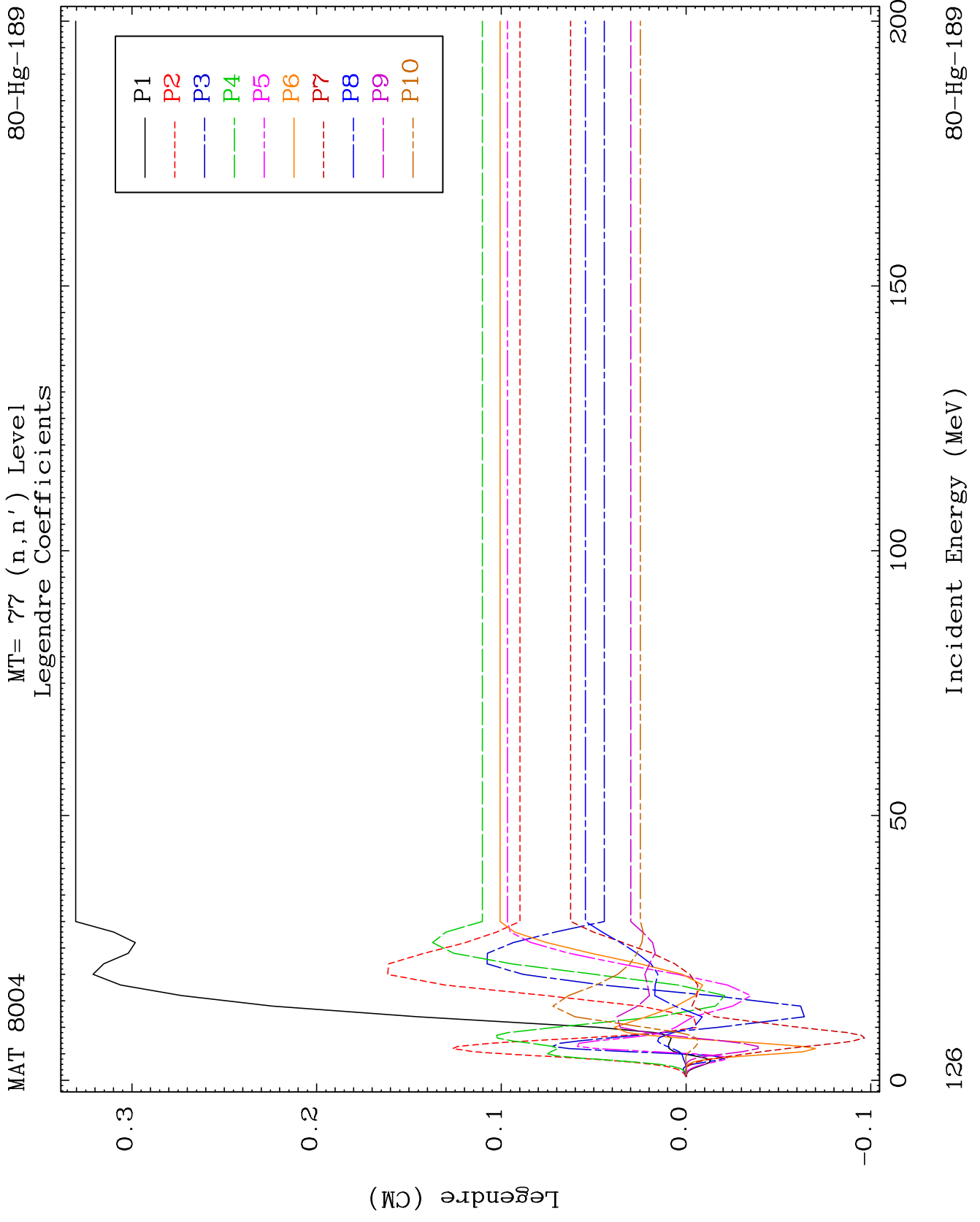


80-Hg-189

Incident Energy (MeV)

122

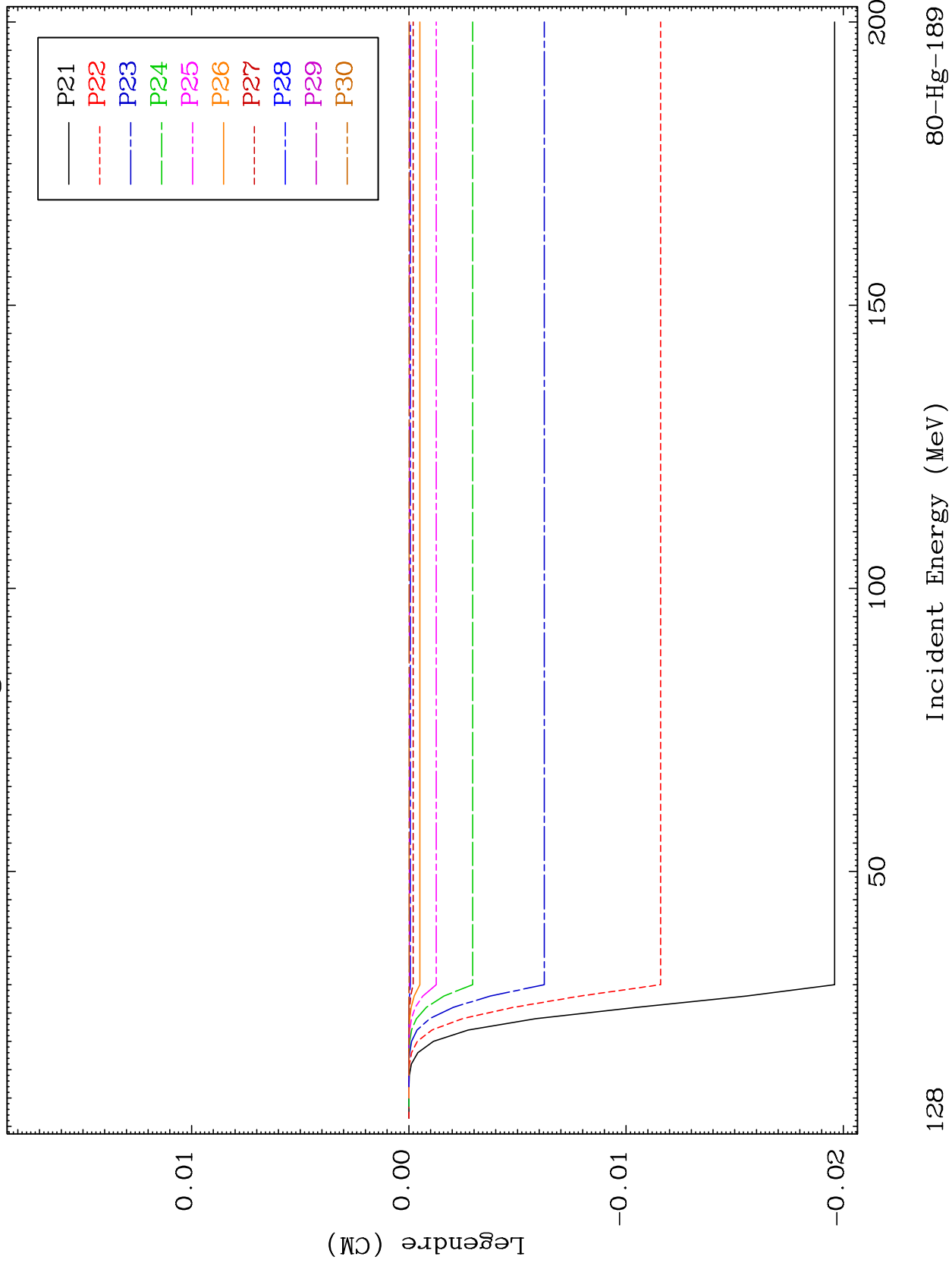




MAT 8004

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

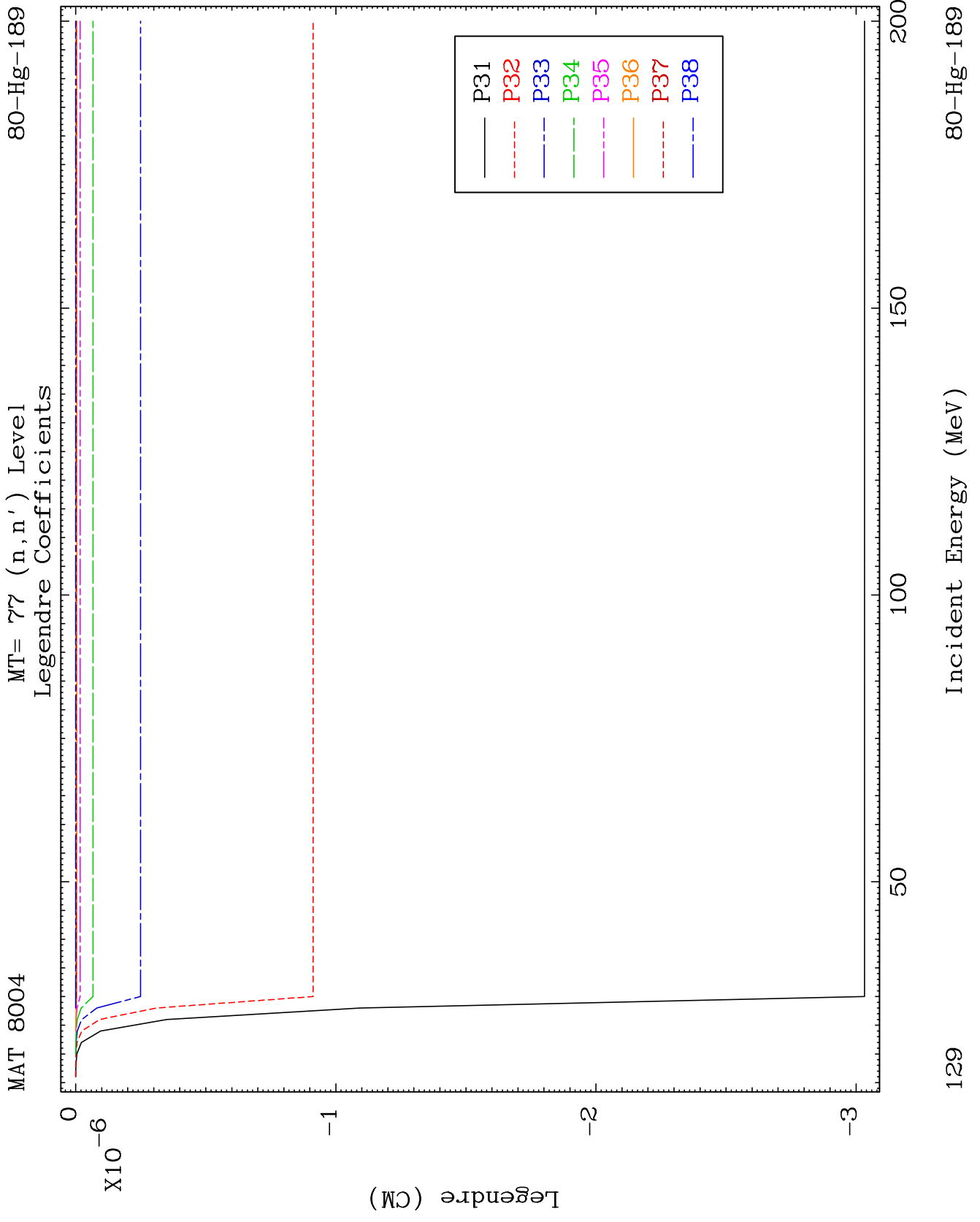
80-Hg-189

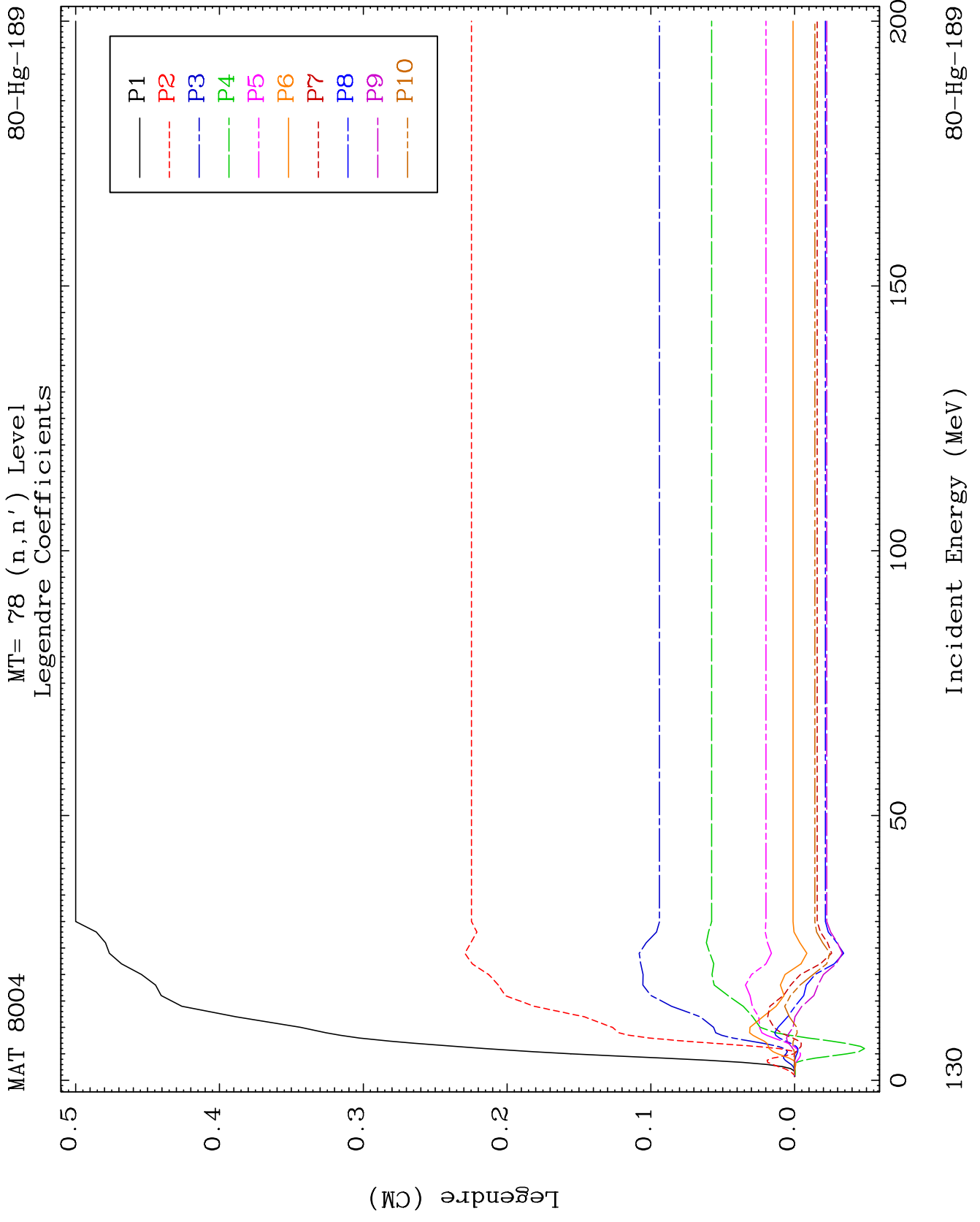


128

Incident Energy (MeV)

80-Hg-189

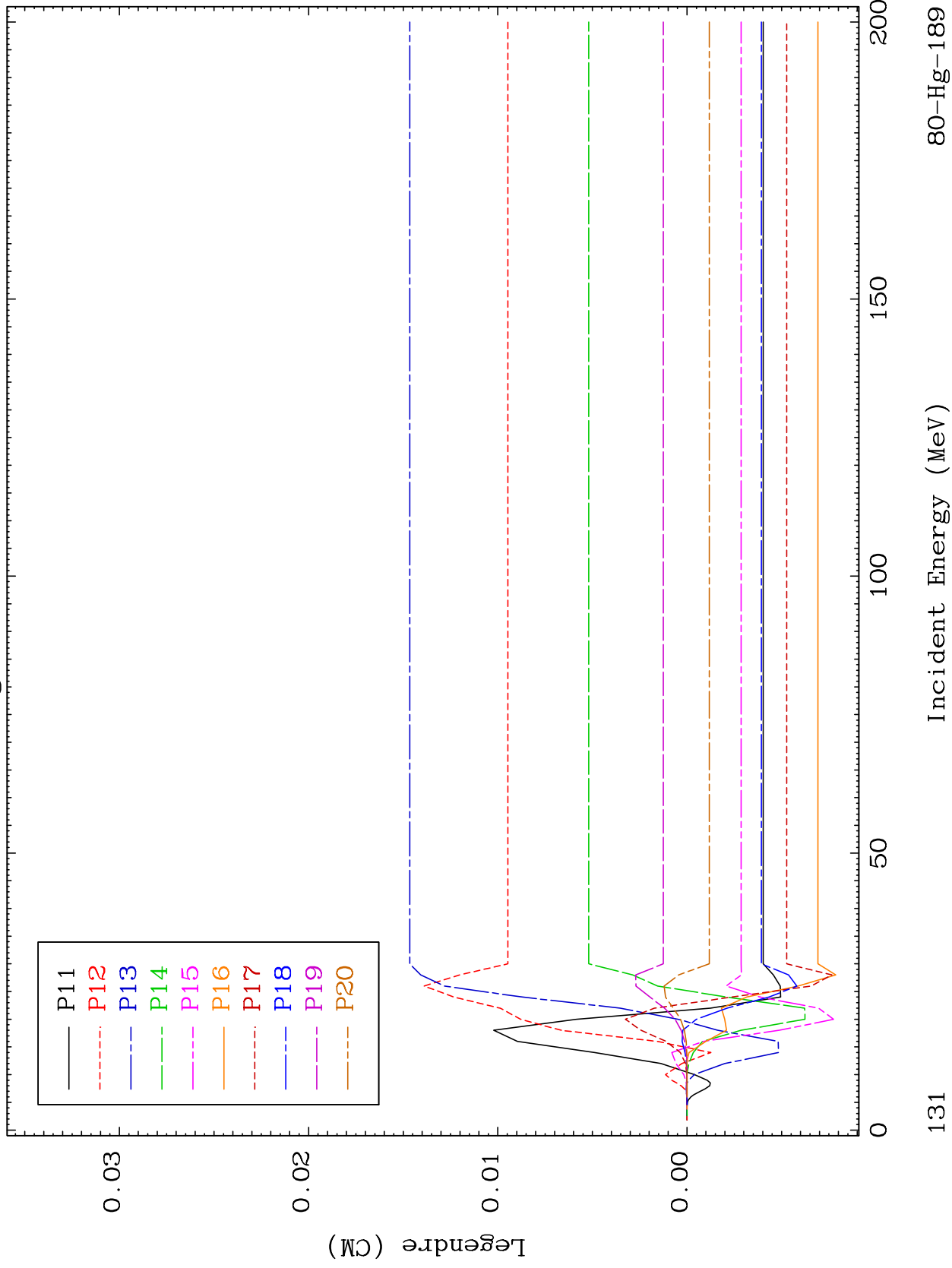




MAT 8004

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

80-Hg-189



131

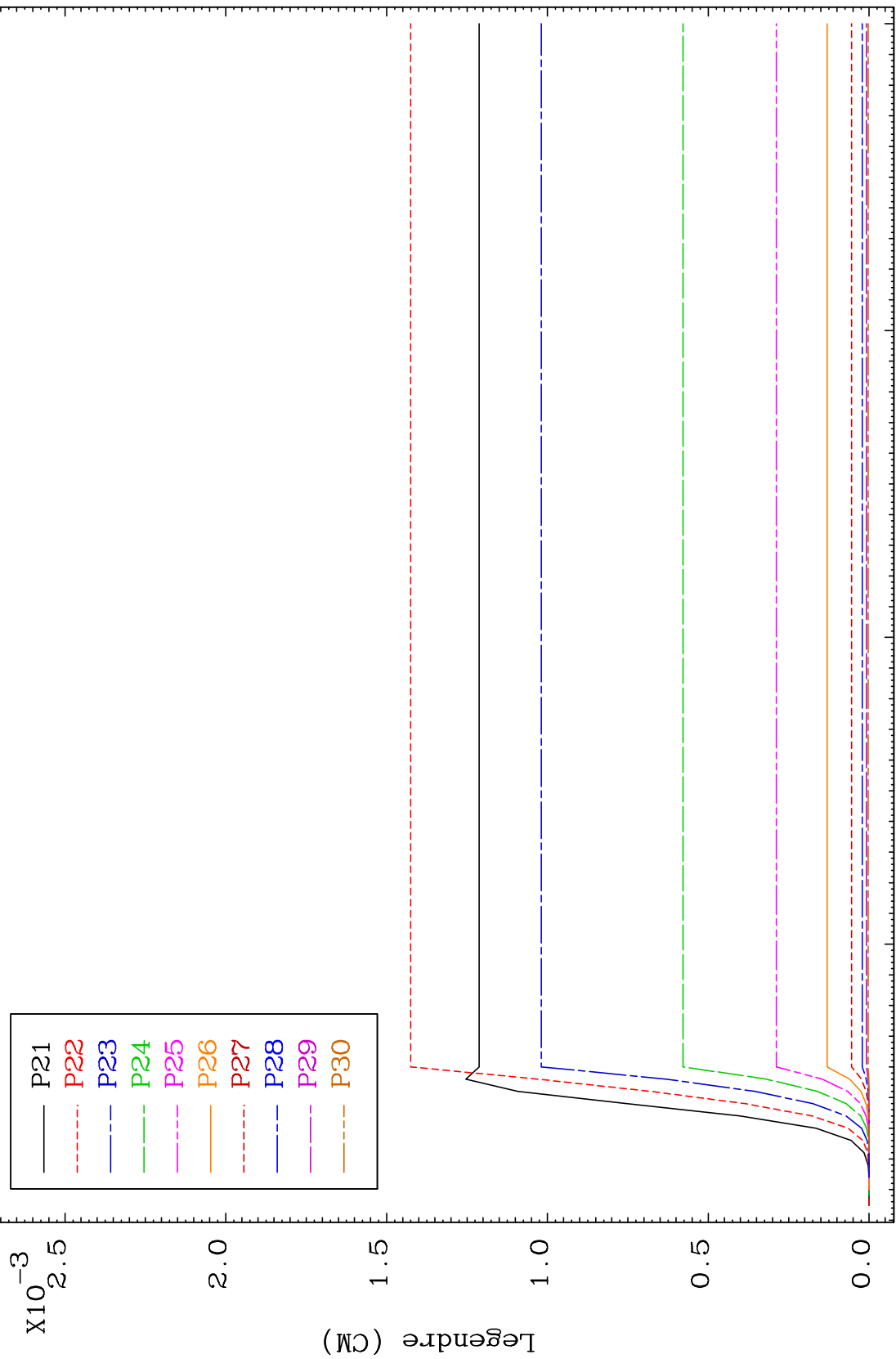
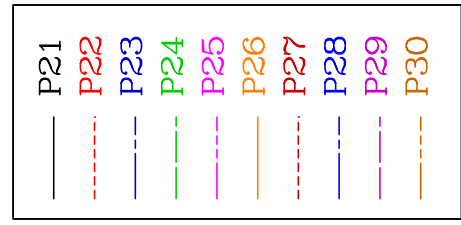
Incident Energy (MeV)

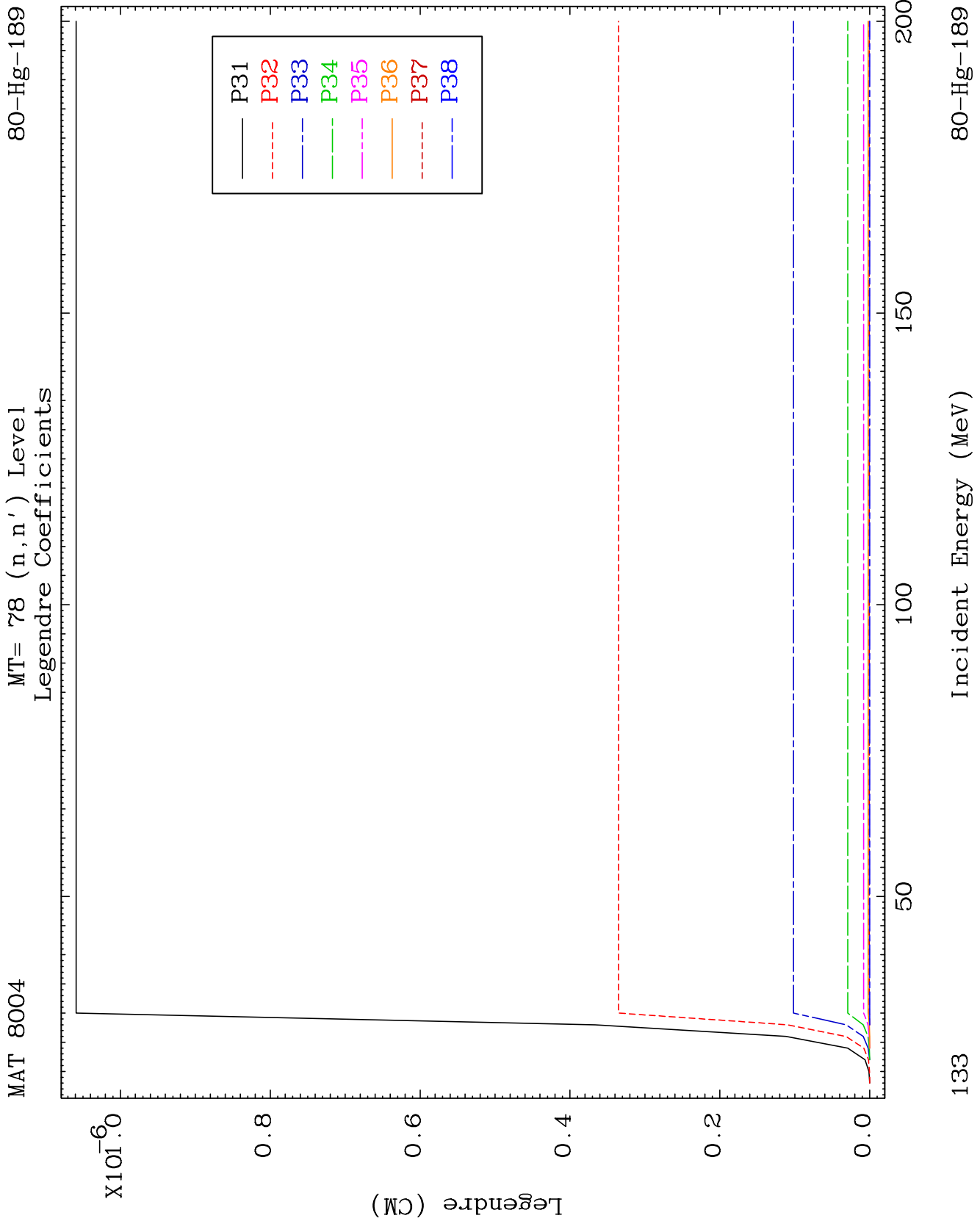
80-Hg-189

MAT 8004

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

80-Hg-189

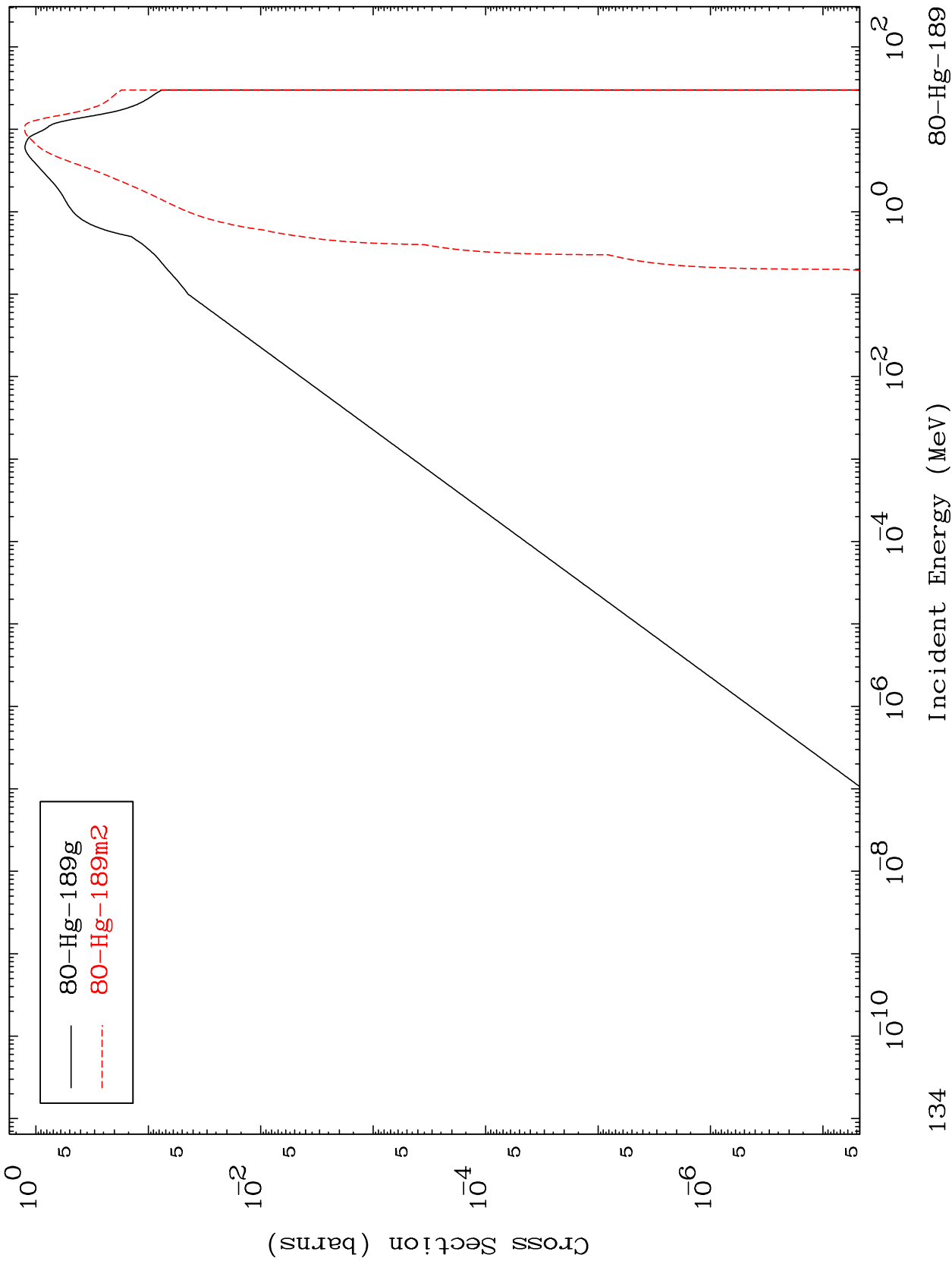




MAT 8004

Inelastic
Radionuclide Production Cross Section

80-Hg-189



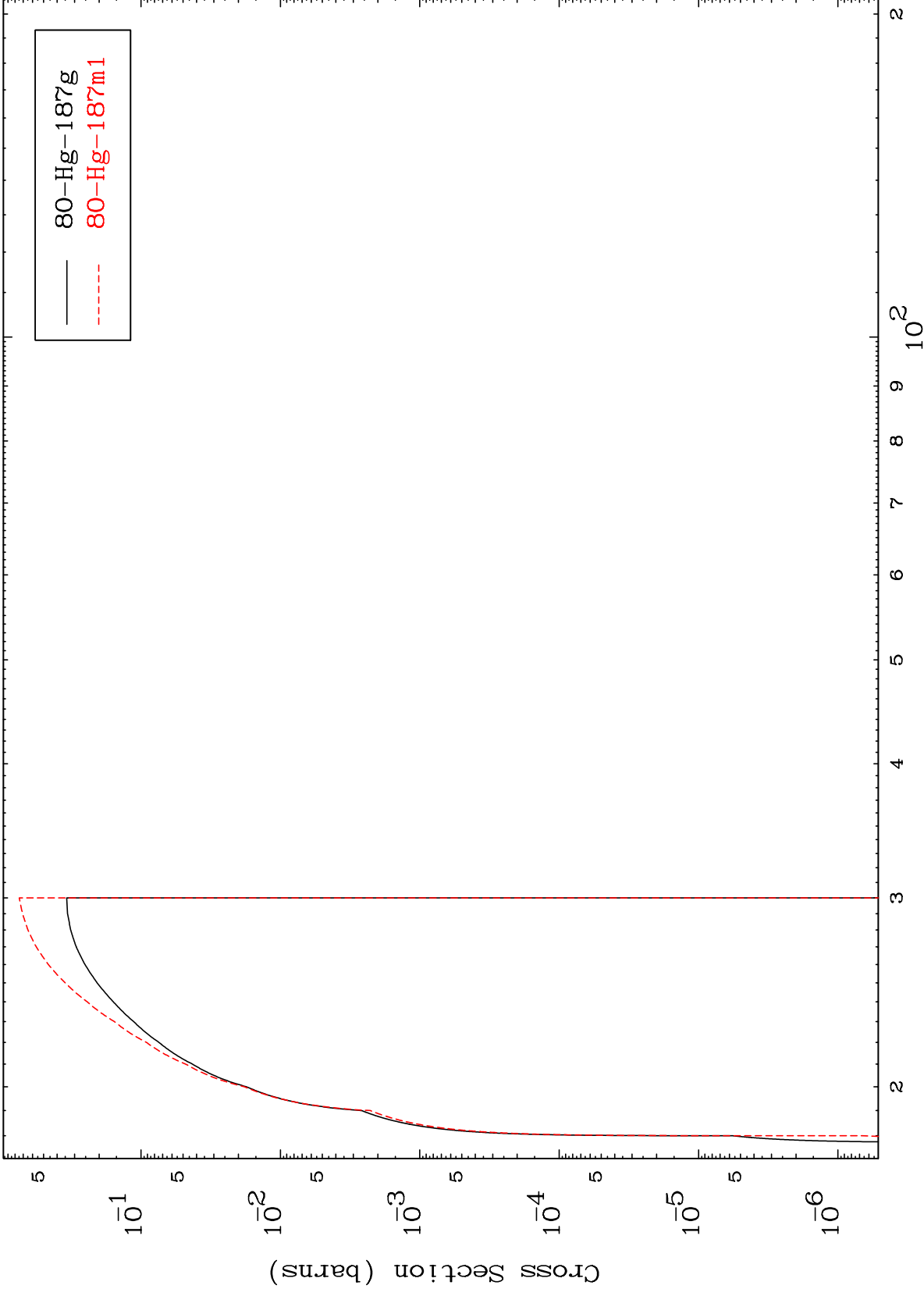
80-Hg-189

MAT 8004

(n,3n)

80-Hg-189

Radionuclide Production Cross Section



135

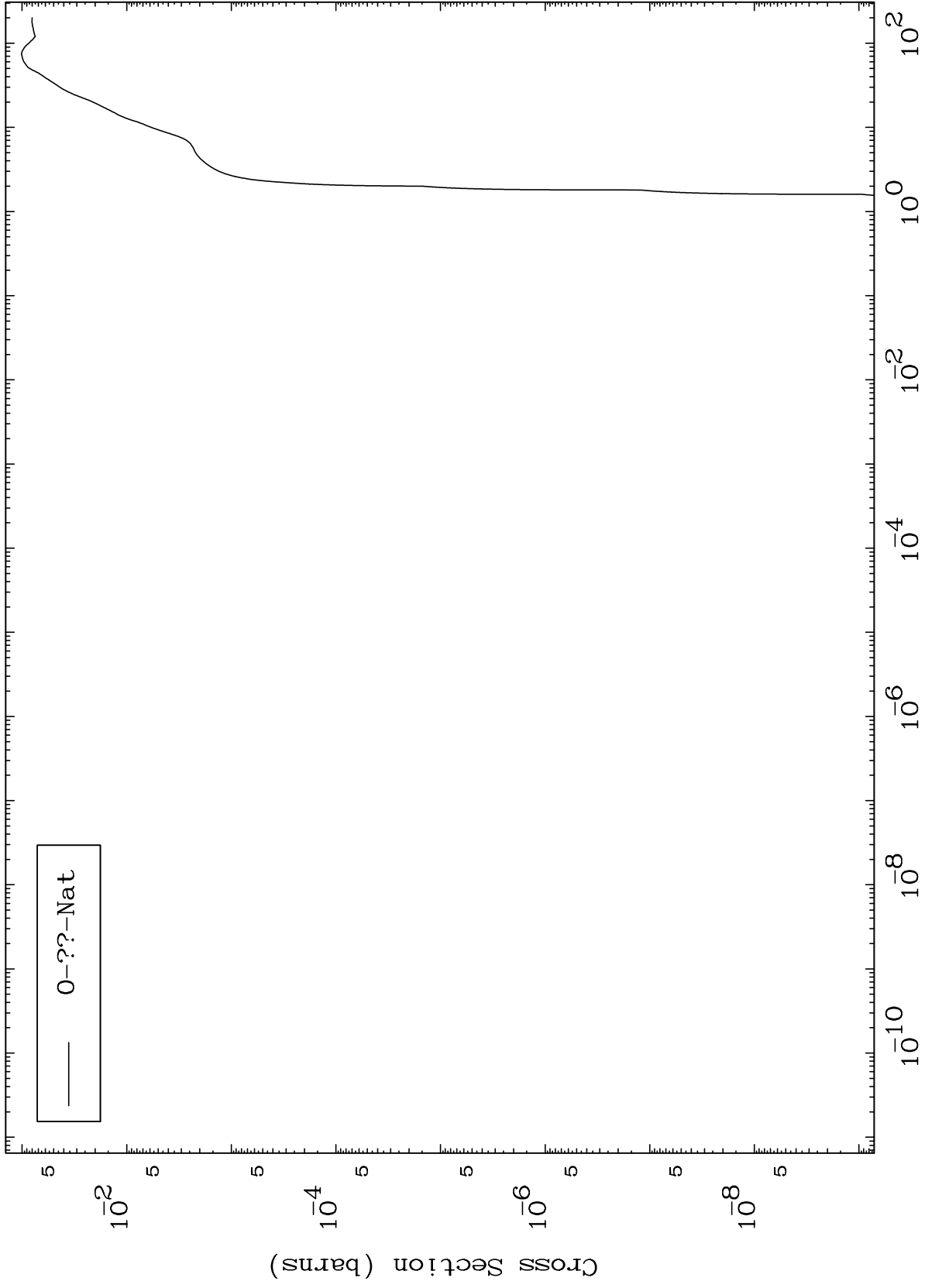
Incident Energy (MeV)

80-Hg-189

MAT 8004

Fission
Radionuclide Production Cross Section

80-Hg-189



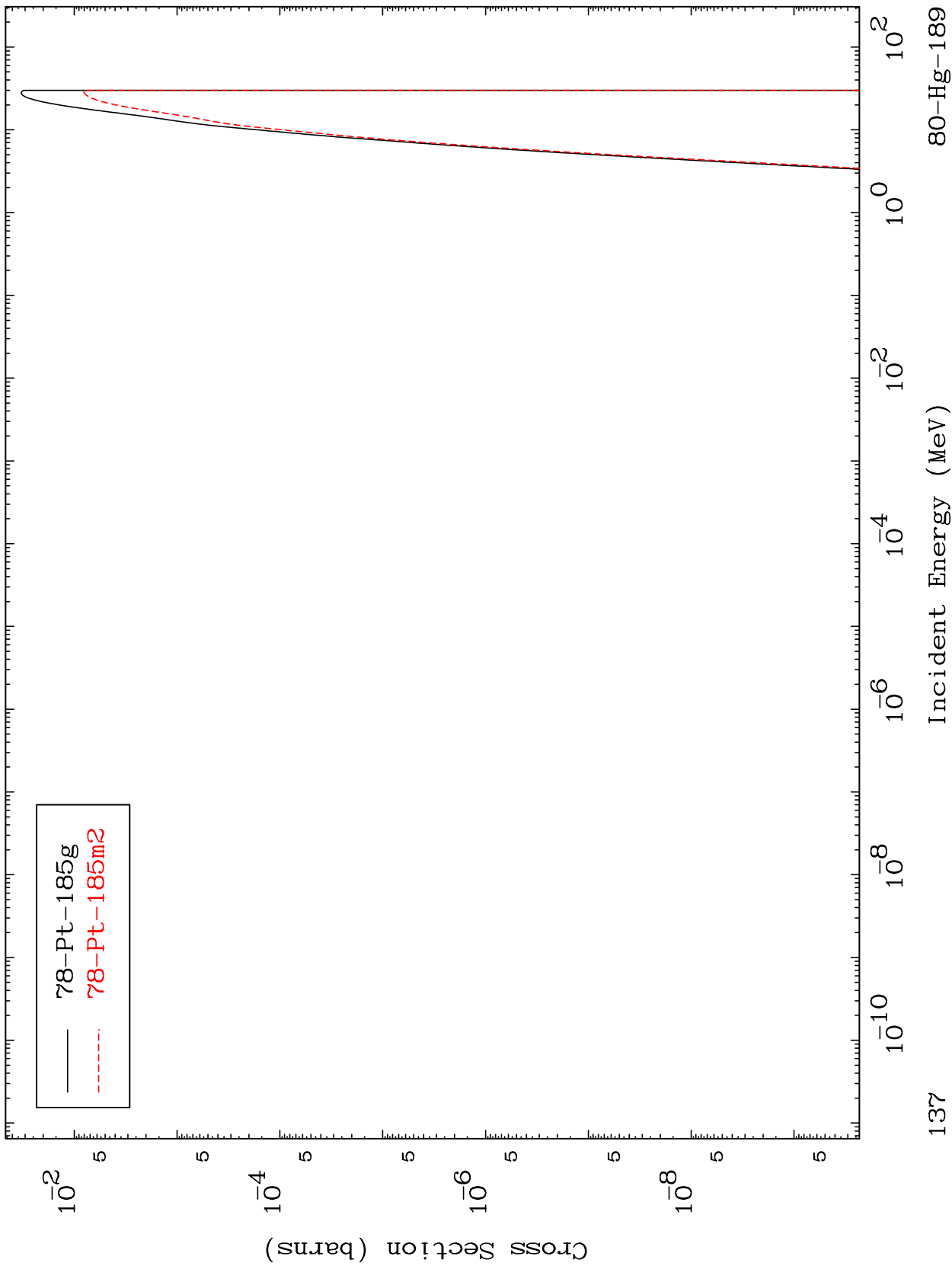
80-Hg-189

MAT 8004

(n,n') α

80-Hg-189

Radionuclide Production Cross Section



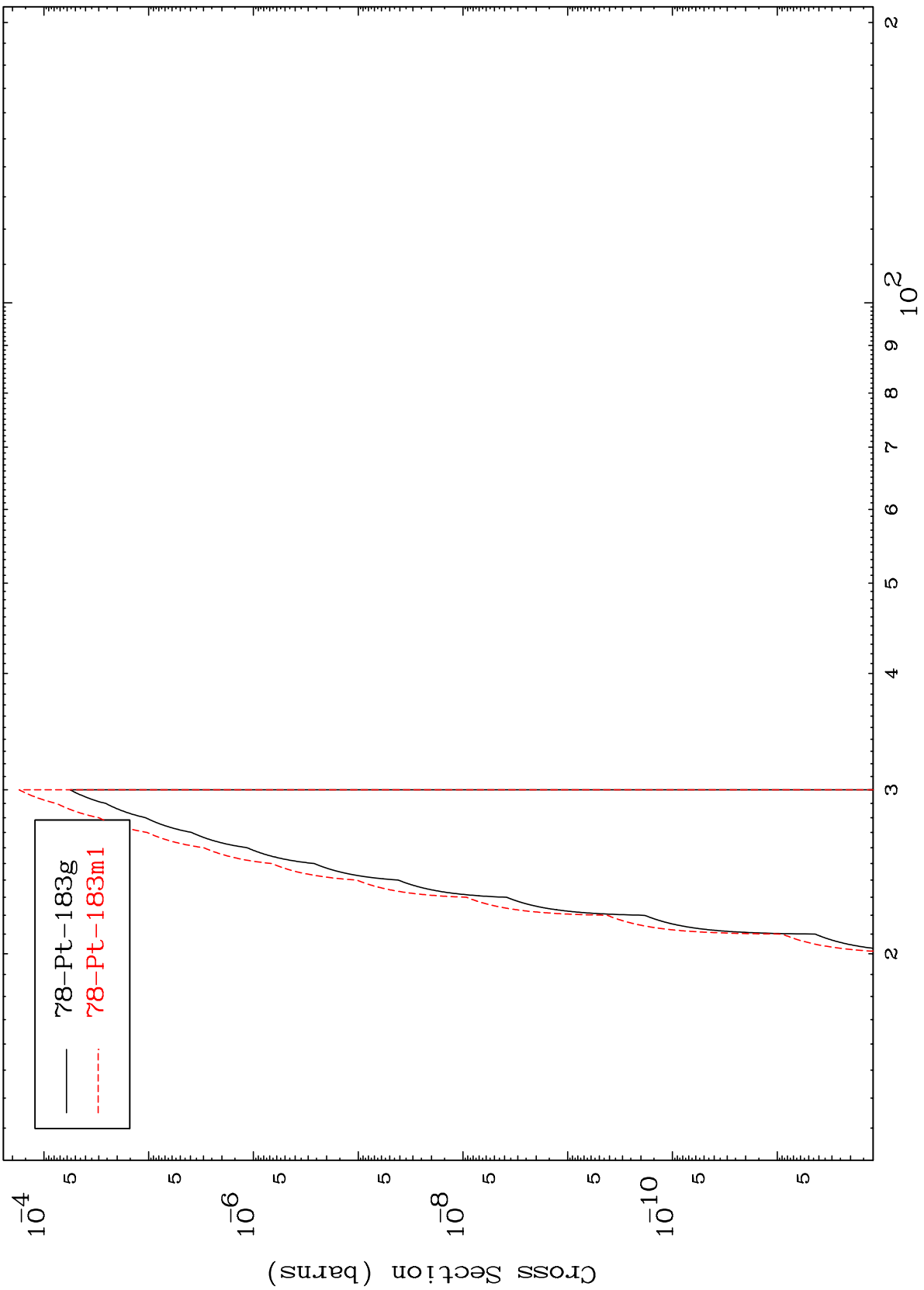
78-Pt-185g
78-Pt-185m2

MAT 8004

(n,3n) α

80-Hg-189

Radionuclide Production Cross Section

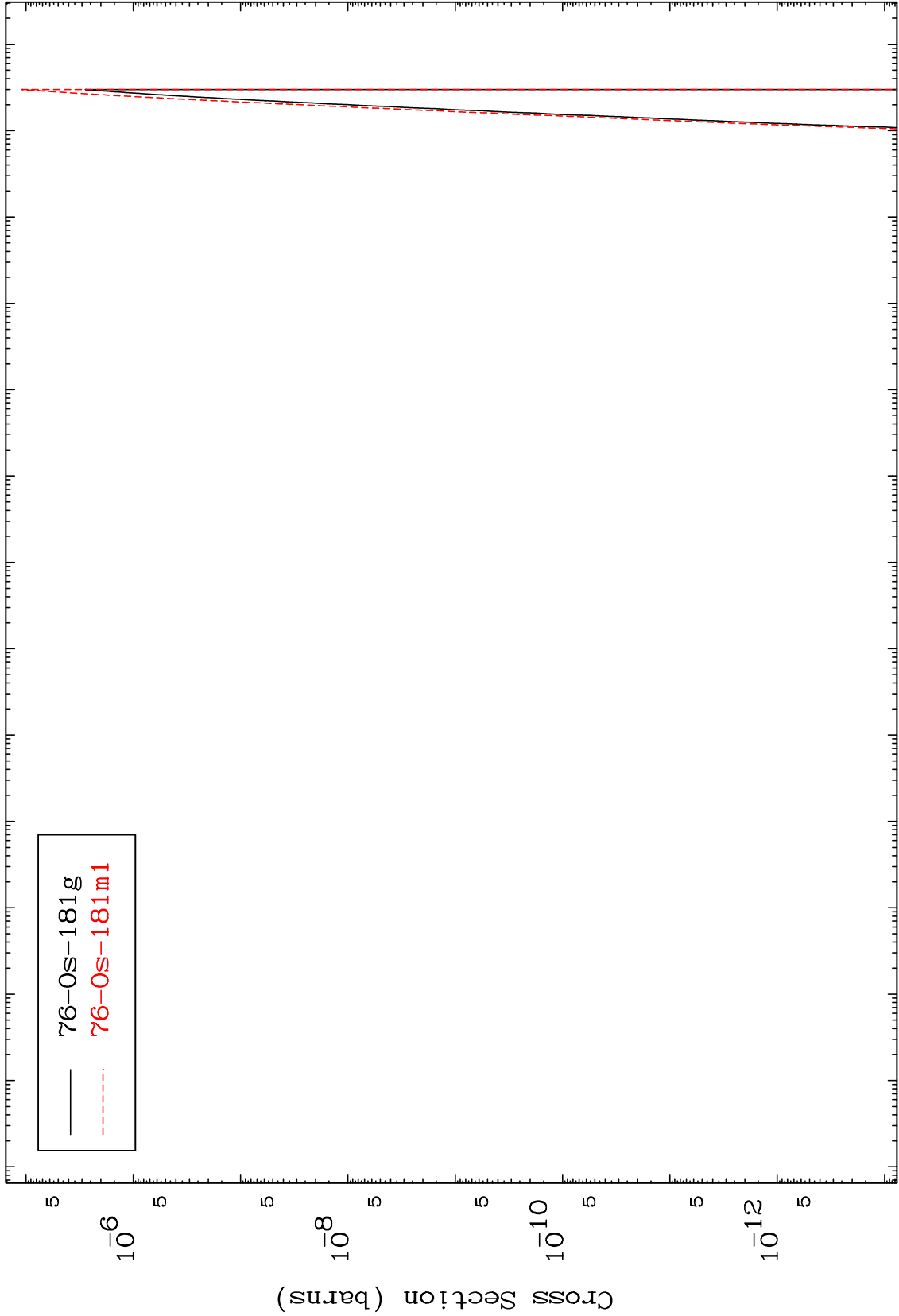
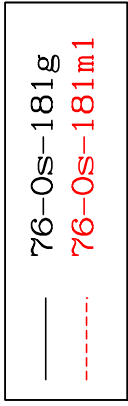


MAT 8004

(n,n') 2α

80-Hg-189

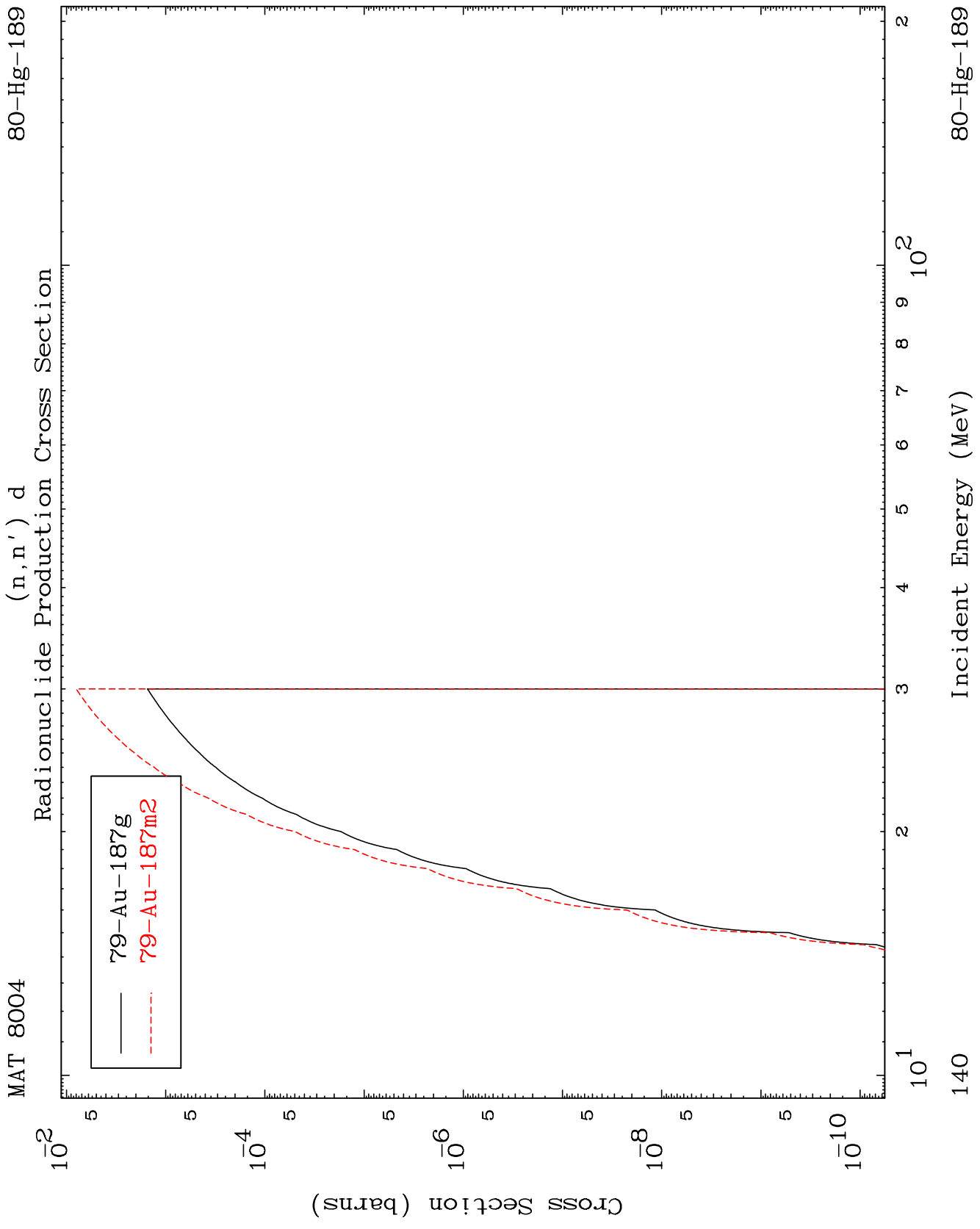
Radionuclide Production Cross Section



Incident Energy (MeV)

139

80-Hg-189

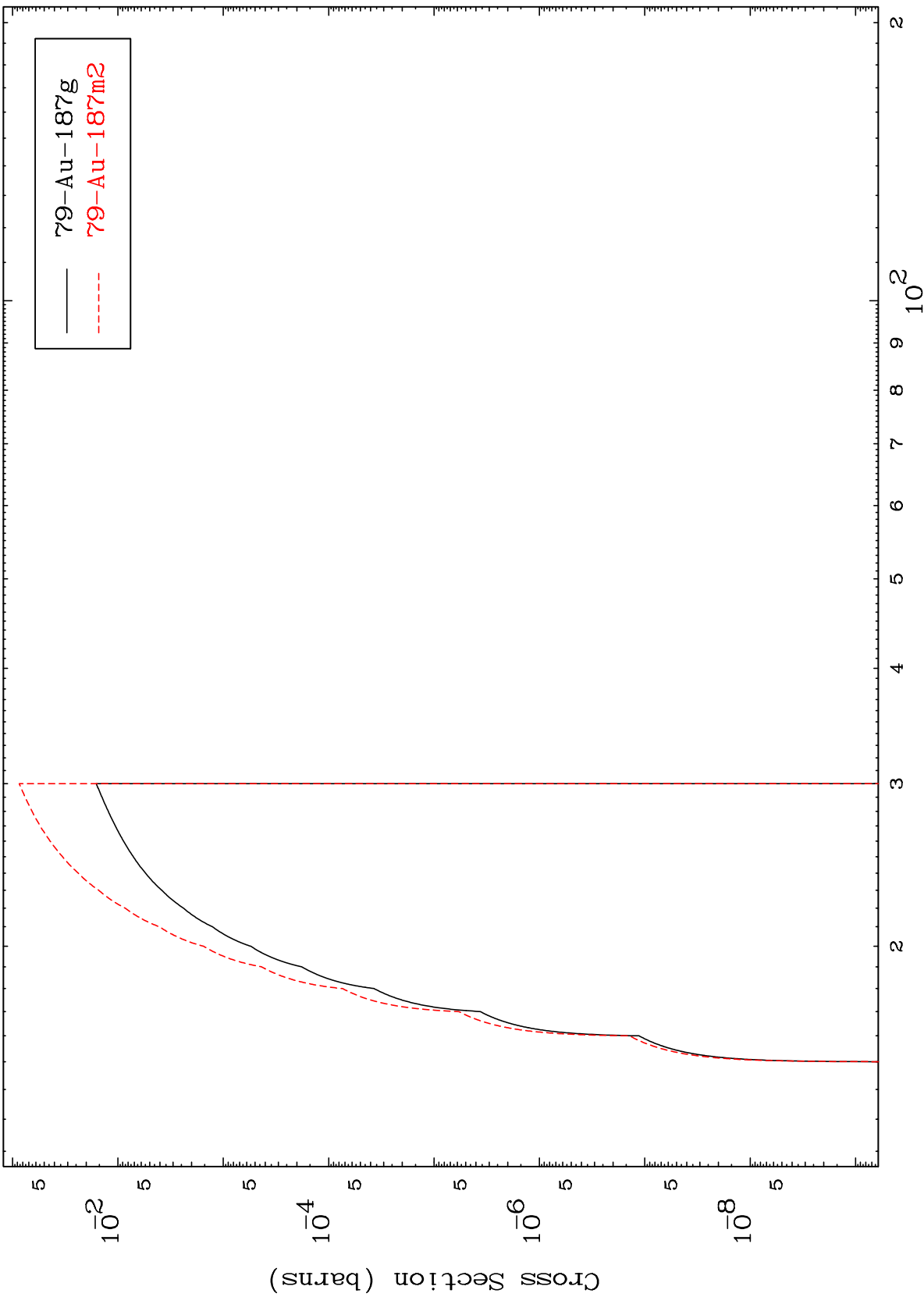


MAT 8004

(n,2n) p

80-Hg-189

Radionuclide Production Cross Section



141

Incident Energy (MeV)

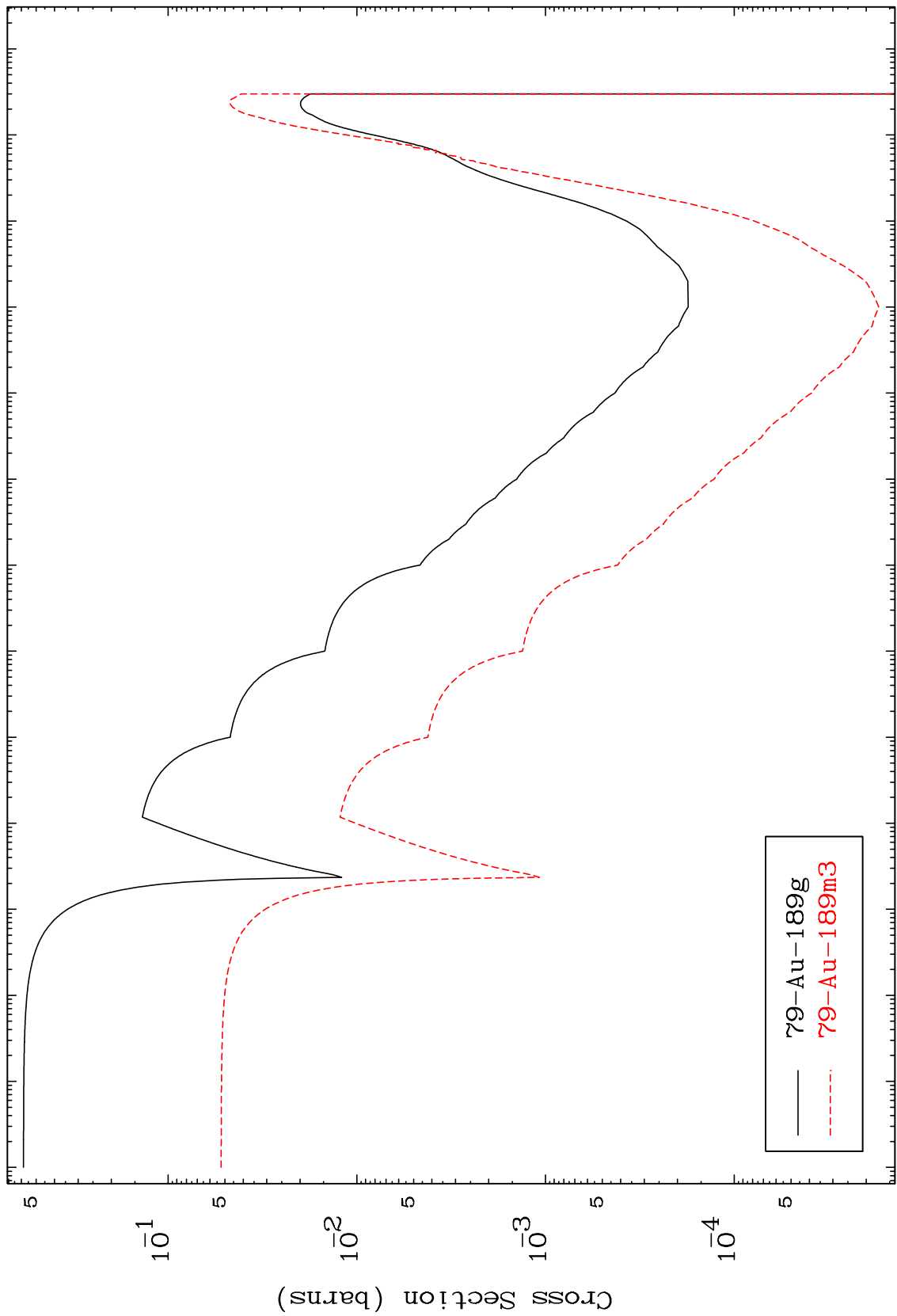
80-Hg-189

MAT 8004

80-Hg-189

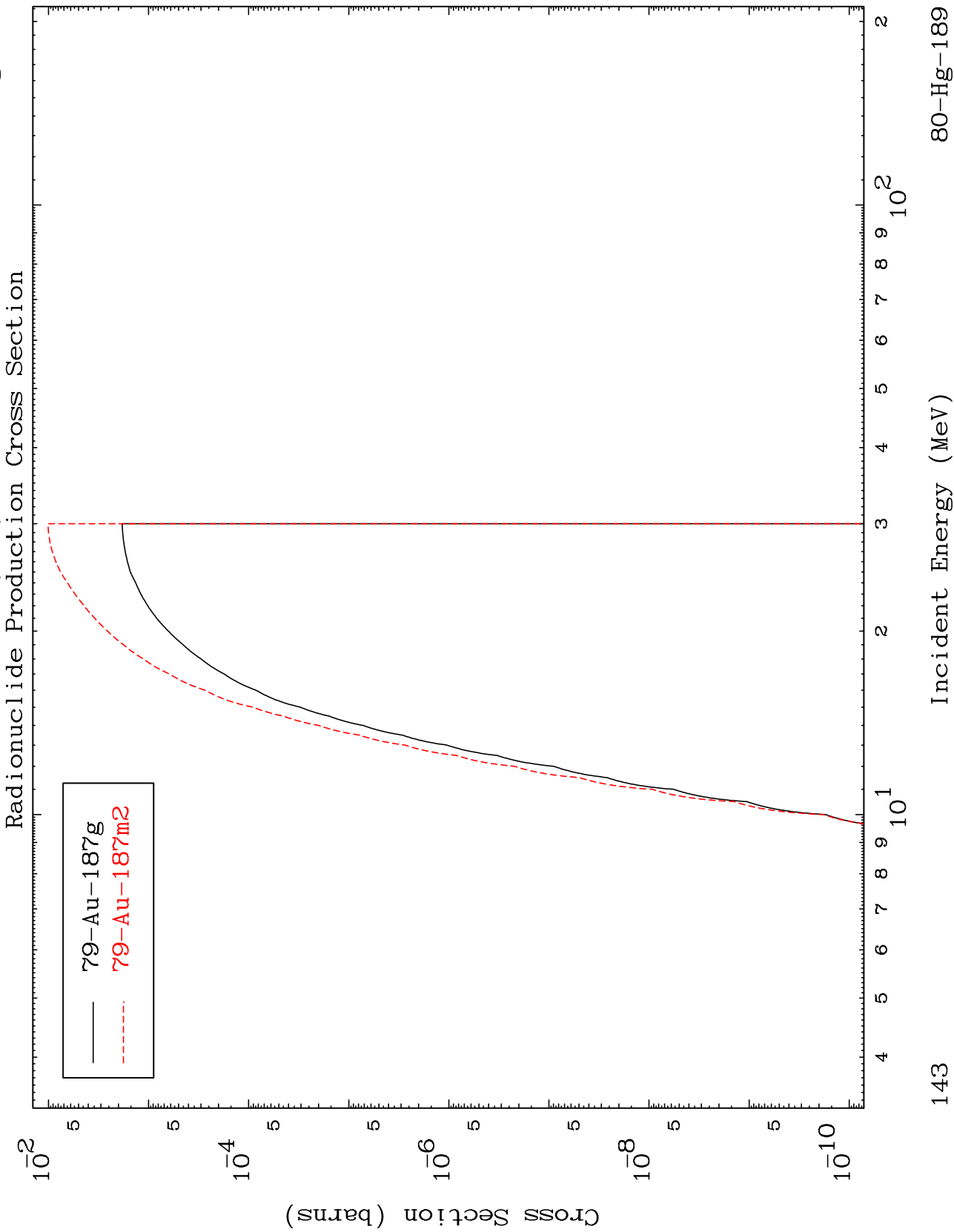
Radionuclide Production Cross Section

(n,p)



MAT 8004

80-Hg-189



80-Hg-189

Incident Energy (MeV)

143