

Program EVALPLOT
(Version 2021-1)

by

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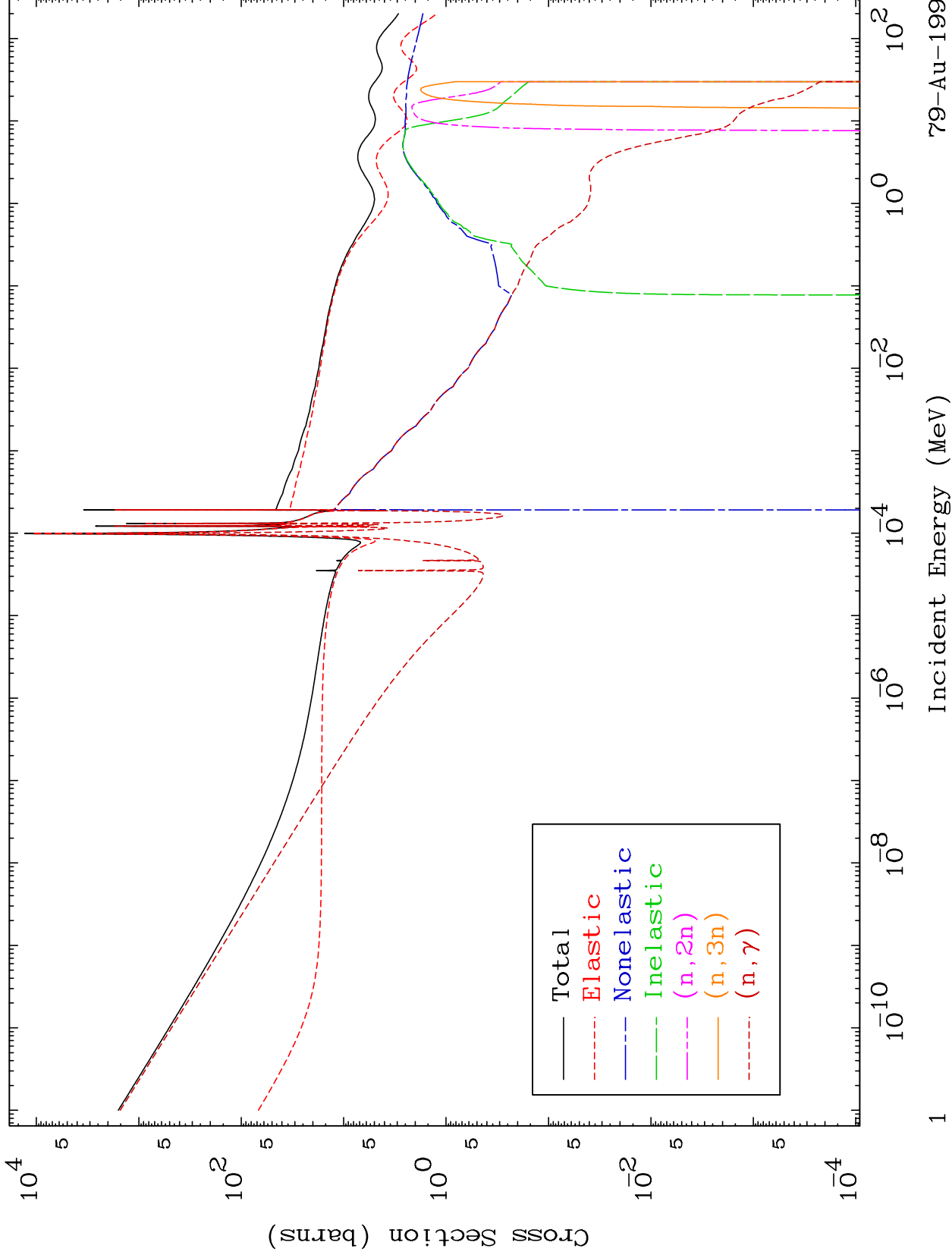
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Press Mouse Button to Start

MAT 7931

Neutron Major
293 Kelvin Cross Sections

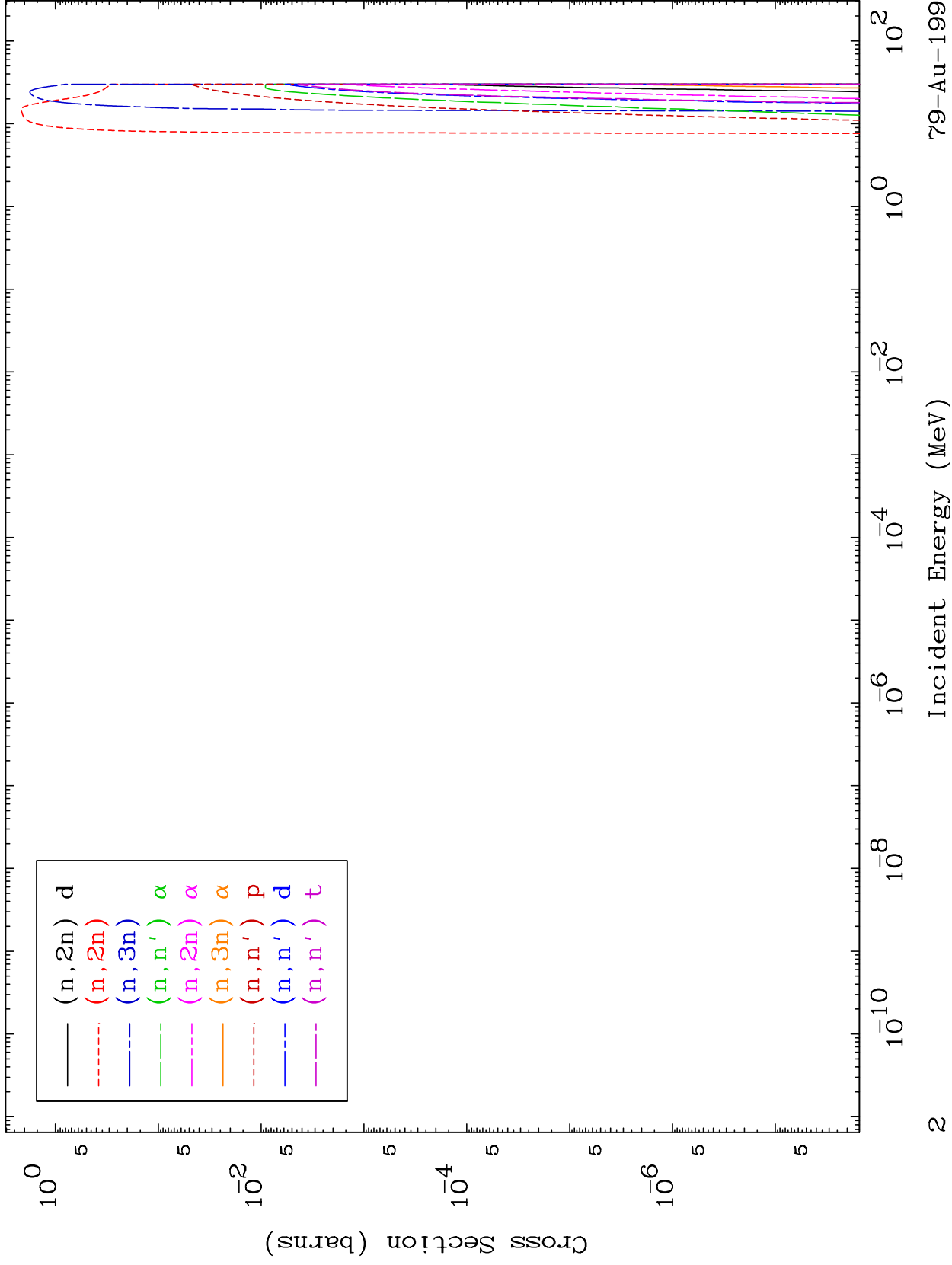
79-Au-199



MAT 7931

Neutron Absorption
293 Kelvin Cross Sections

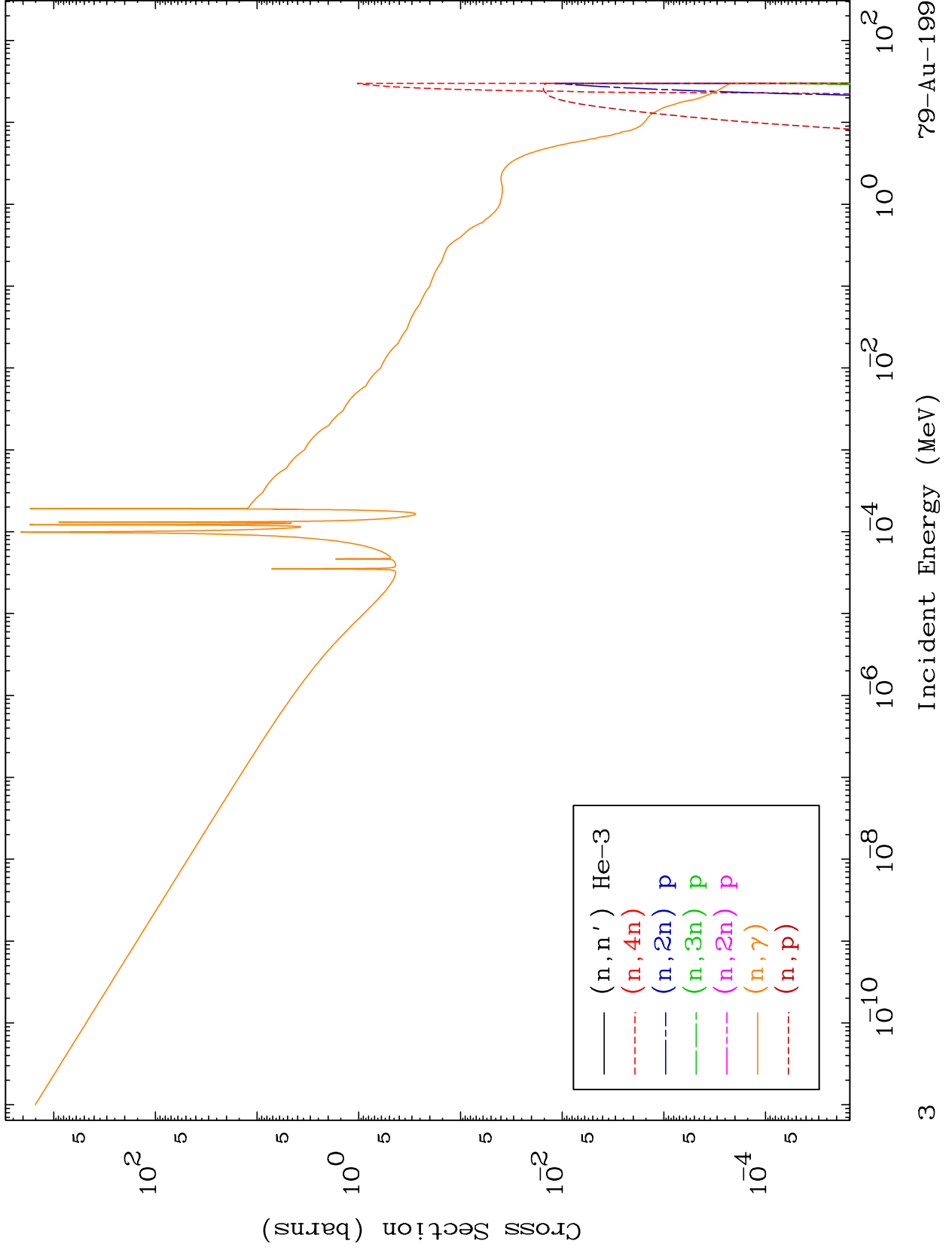
79-Au-199

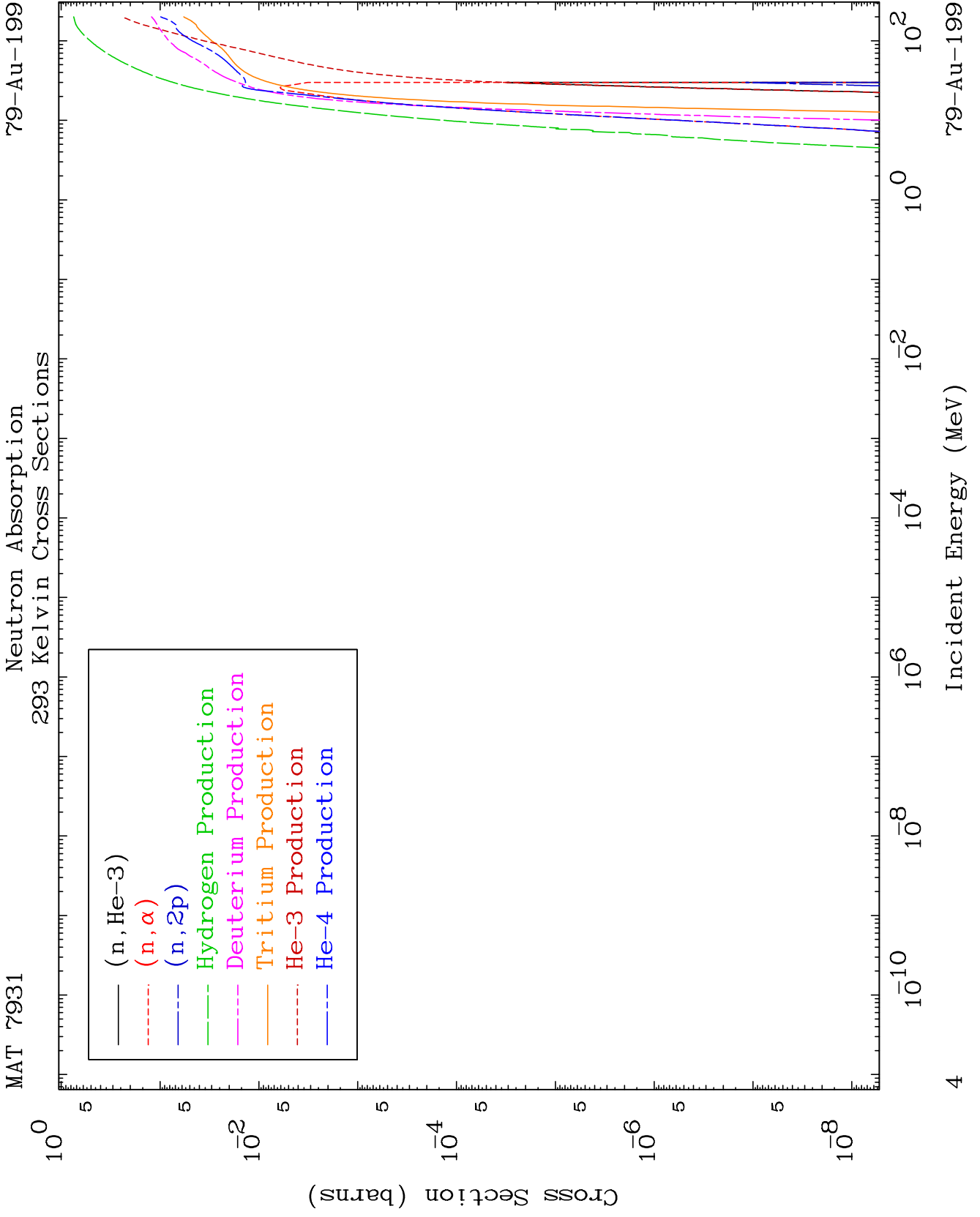


MAT 7931

Neutron Absorption
293 Kelvin Cross Sections

79-Au-199

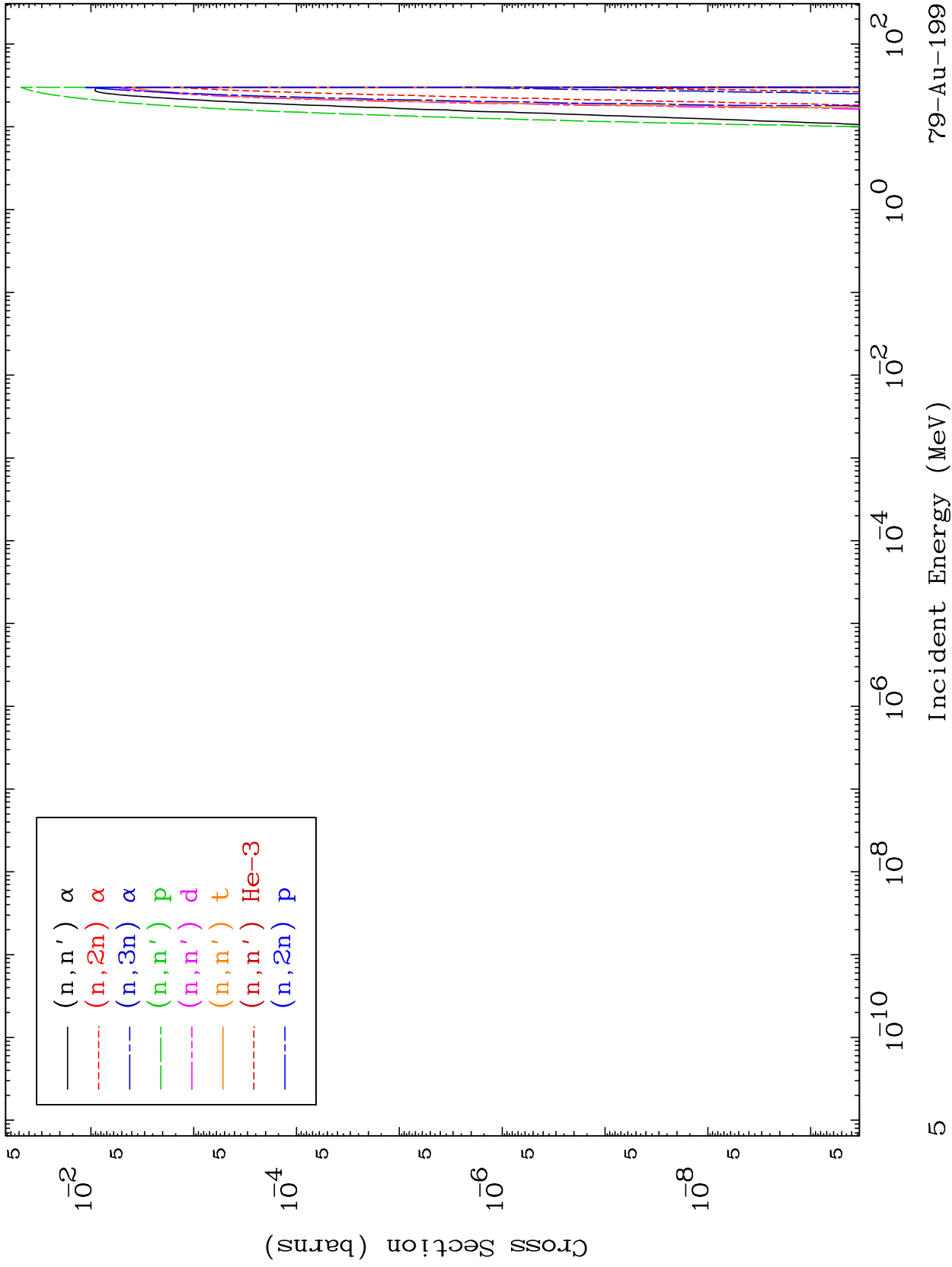




MAT 7931

Charged Particle
293 Kelvin Cross Sections

79-Au-199



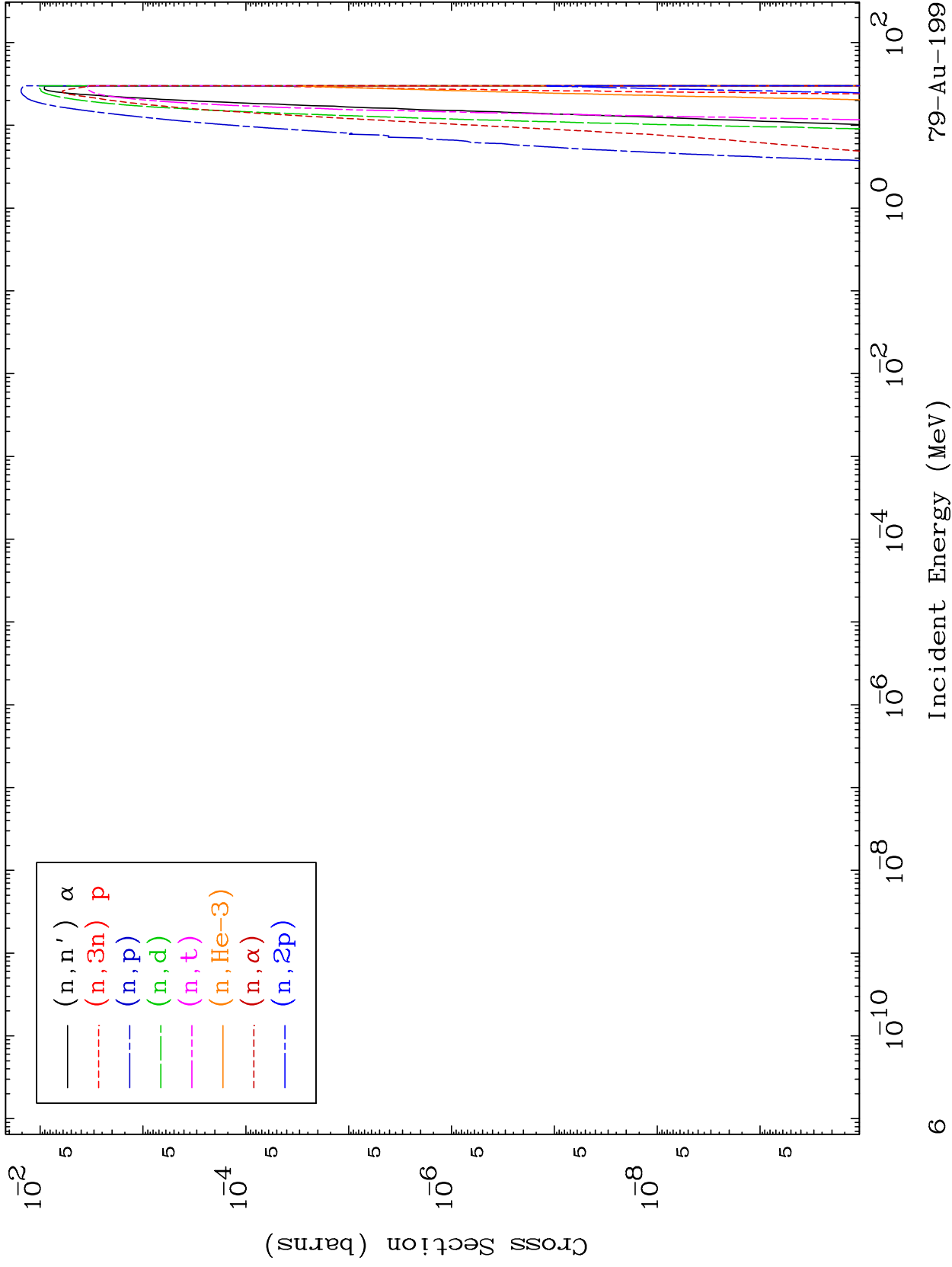
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79-Au-199

MAT 7931

Charged Particle
293 Kelvin Cross Sections

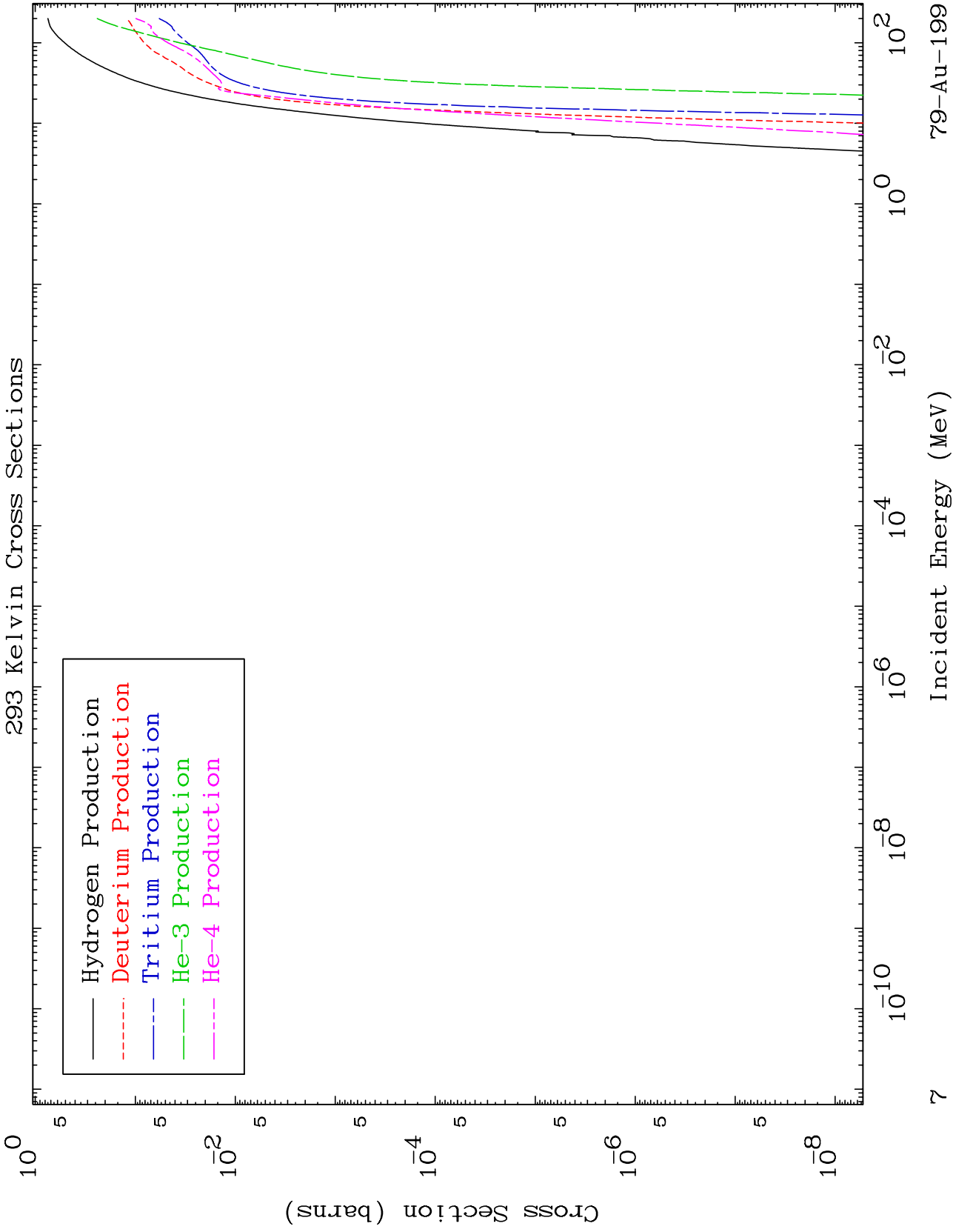
79-Au-199

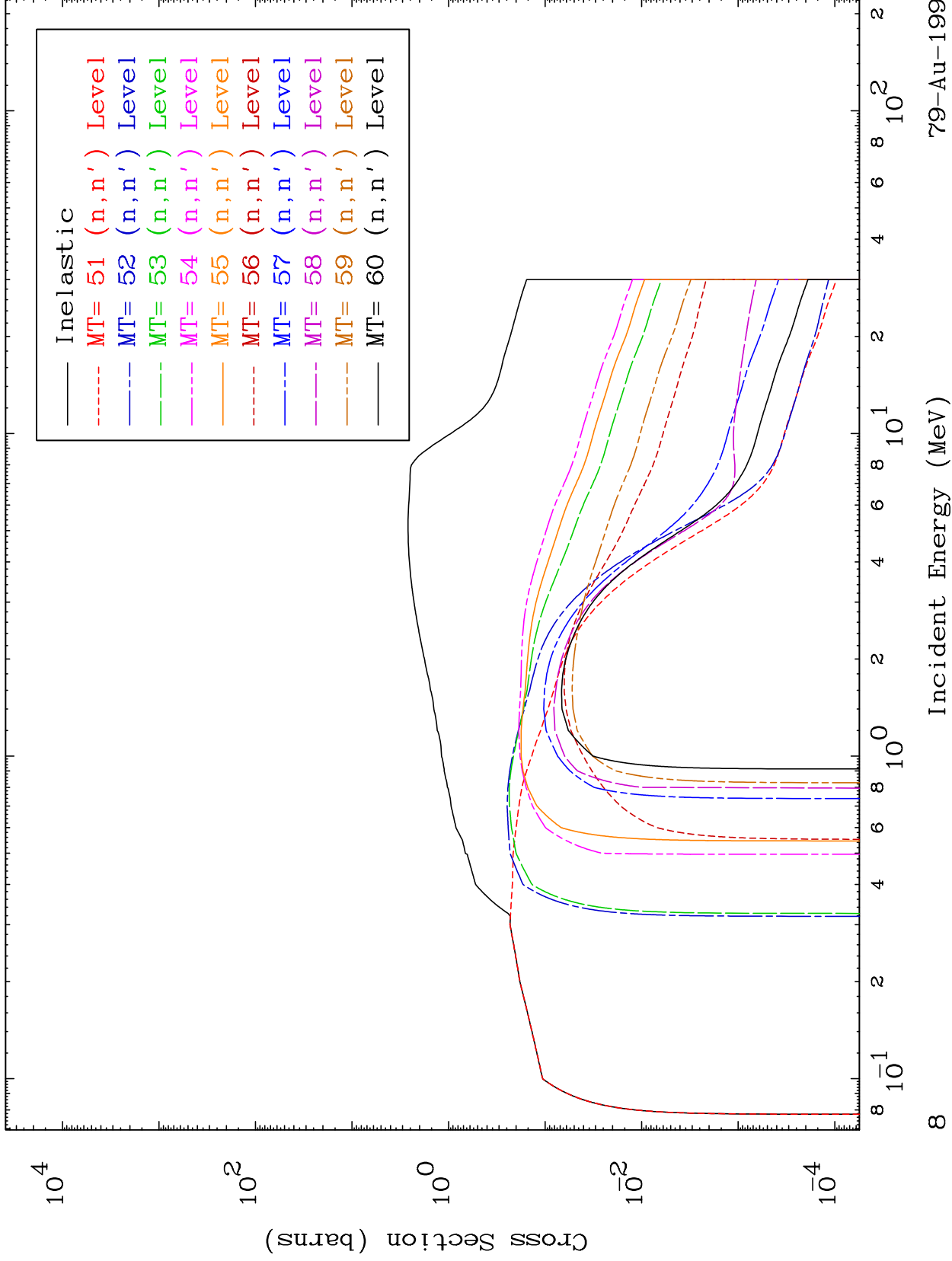


MAT 7931

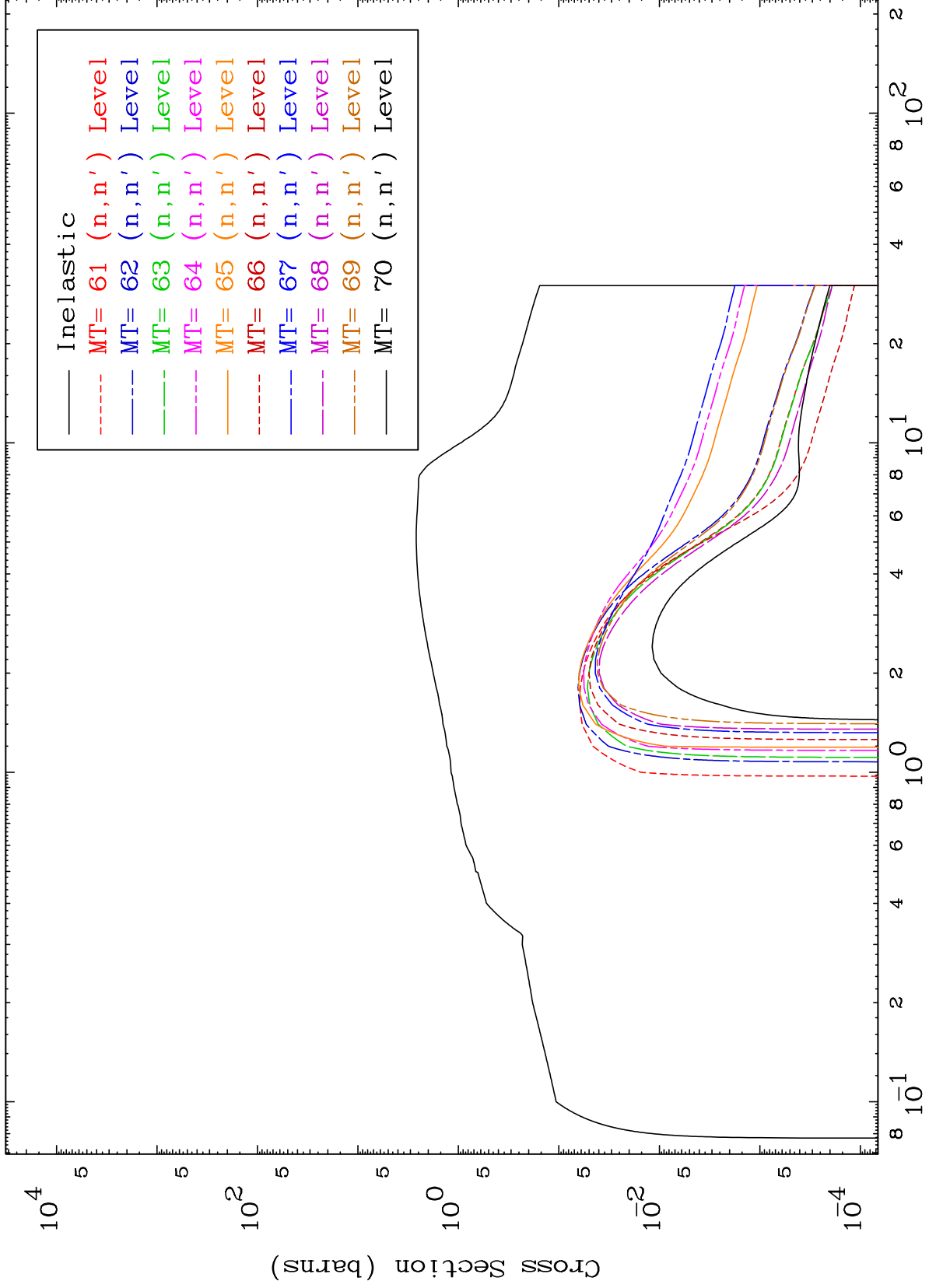
Particle Production
293 Kelvin Cross Sections

79-Au-199





293 Kelvin Cross Sections

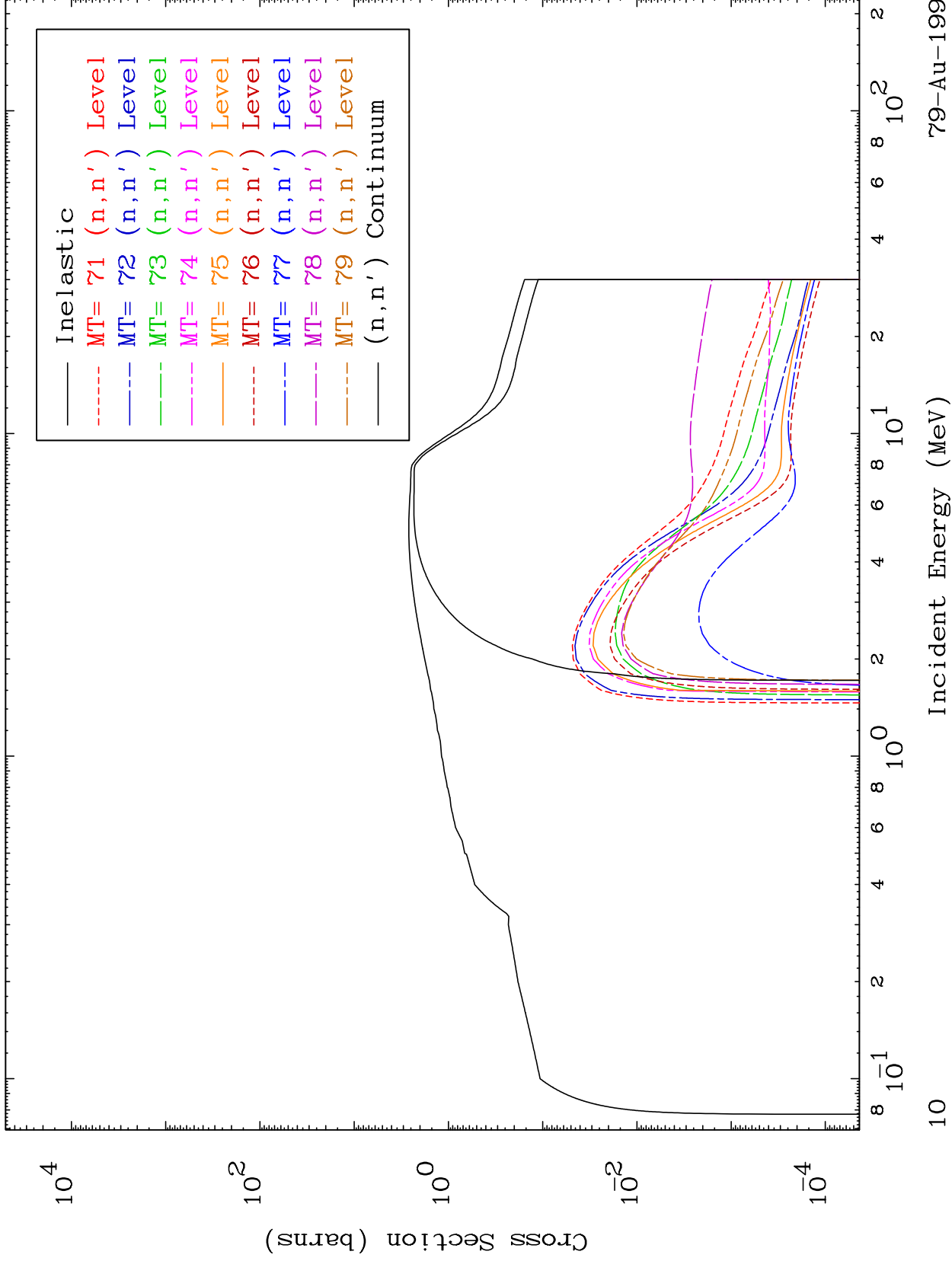


MAT 7931

(n,n') Levels

293 Kelvin Cross Sections

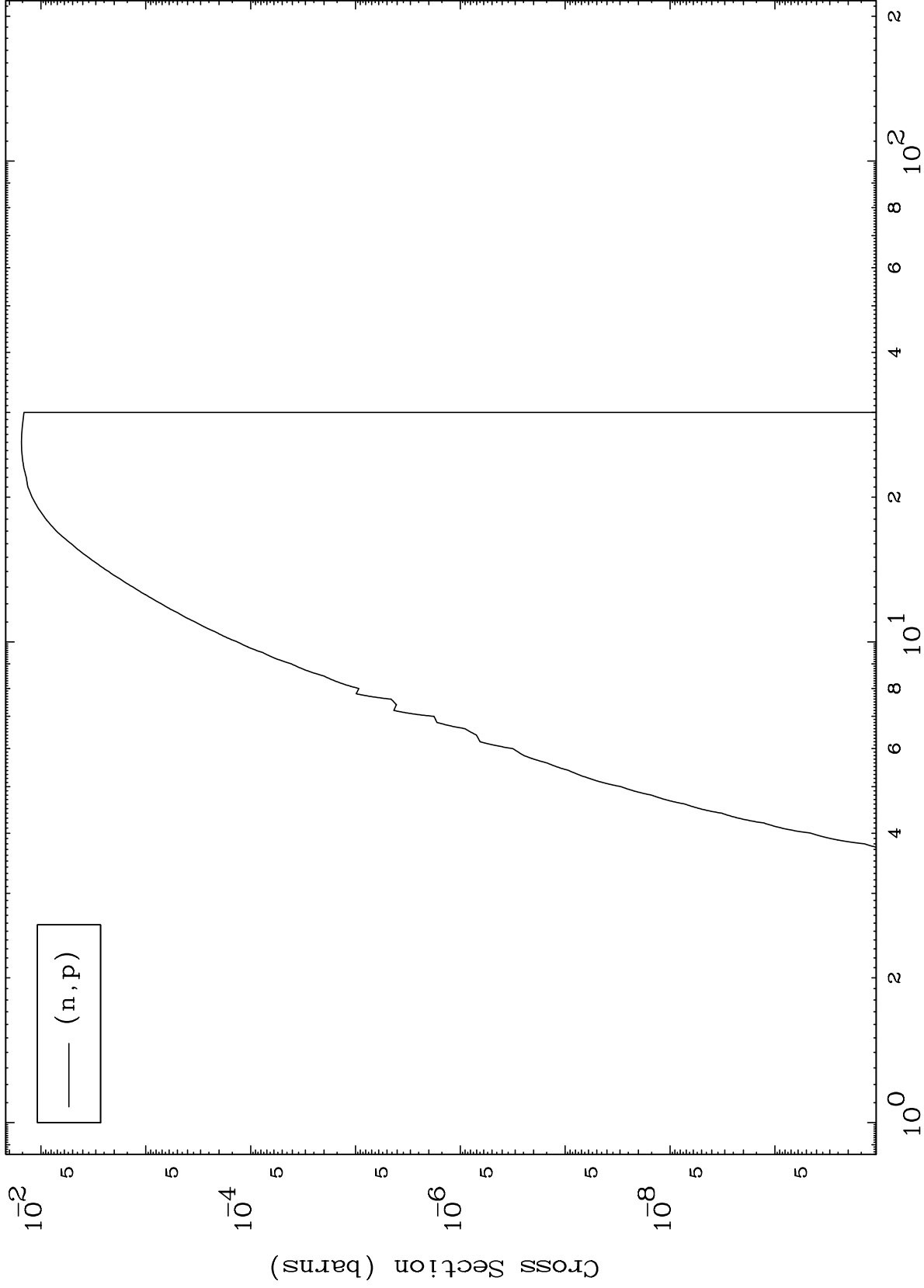
79-Au-199



MAT 7931

(n,p) Levels
293 Kelvin Cross Sections

79-Au-199



11

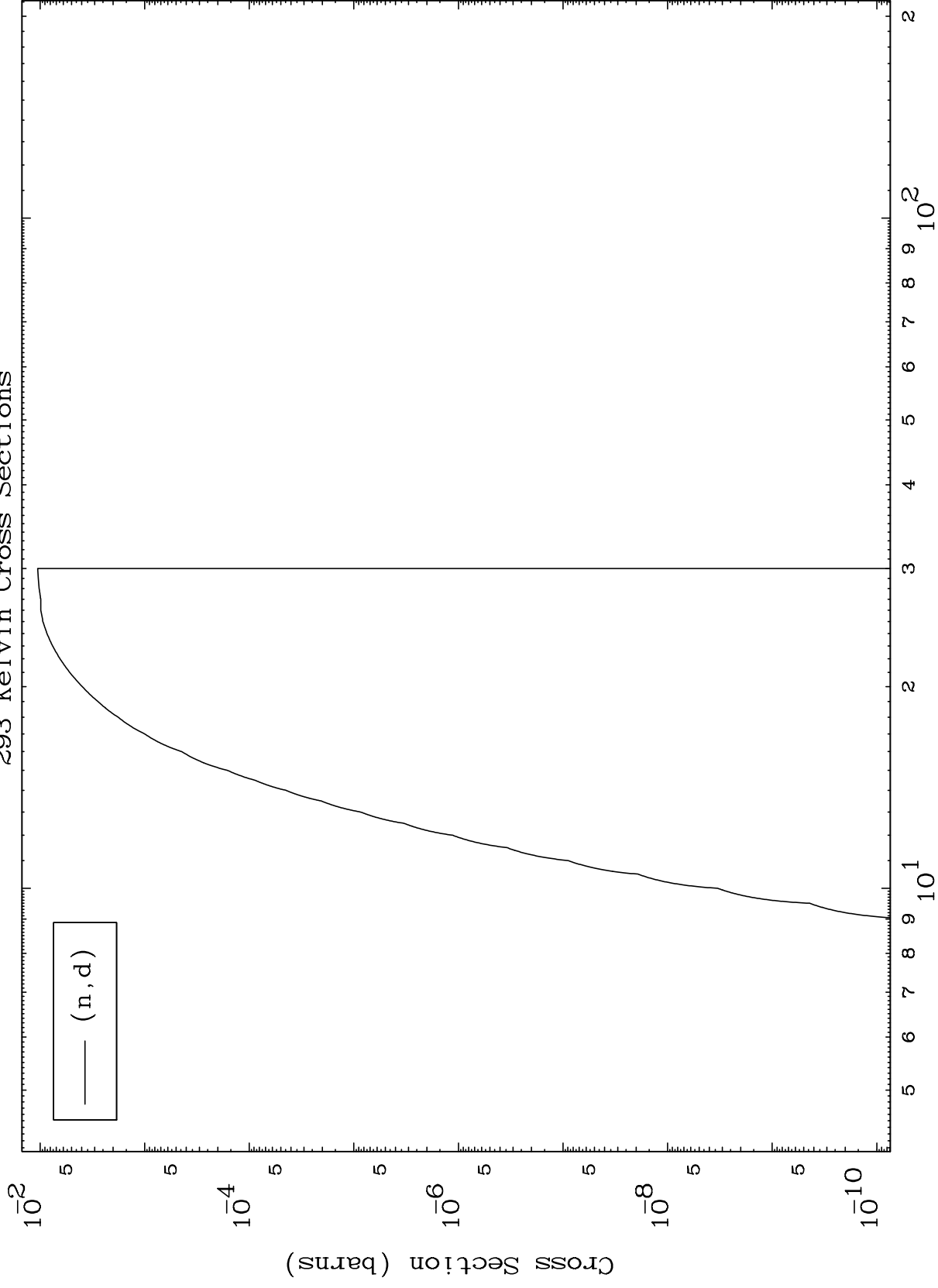
Incident Energy (MeV)

79-Au-199

MAT 7931

(n,d) Levels
293 Kelvin Cross Sections

79-Au-199



12

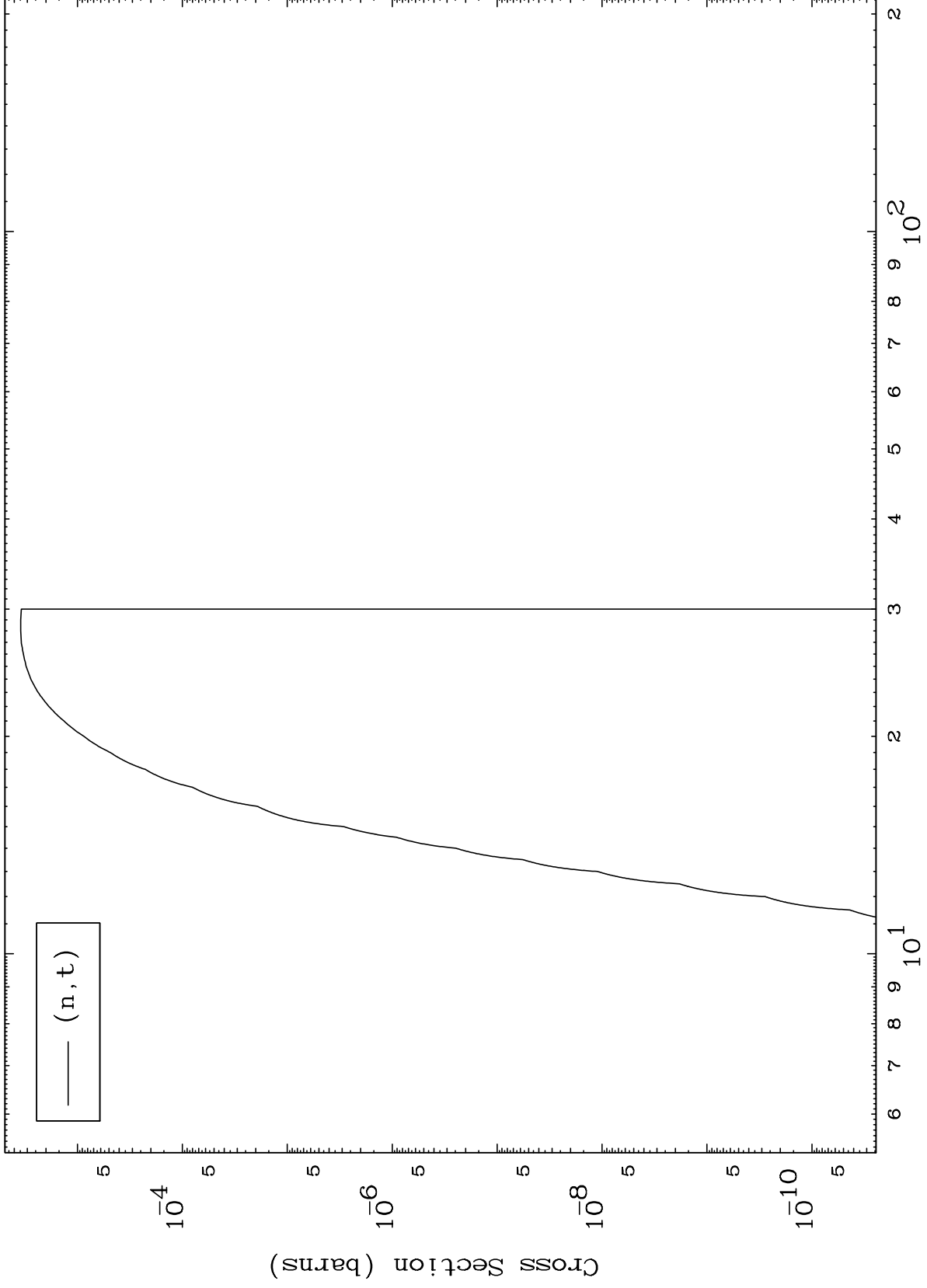
Incident Energy (MeV)

79-Au-199

MAT 7931

(n,t) Levels
293 Kelvin Cross Sections

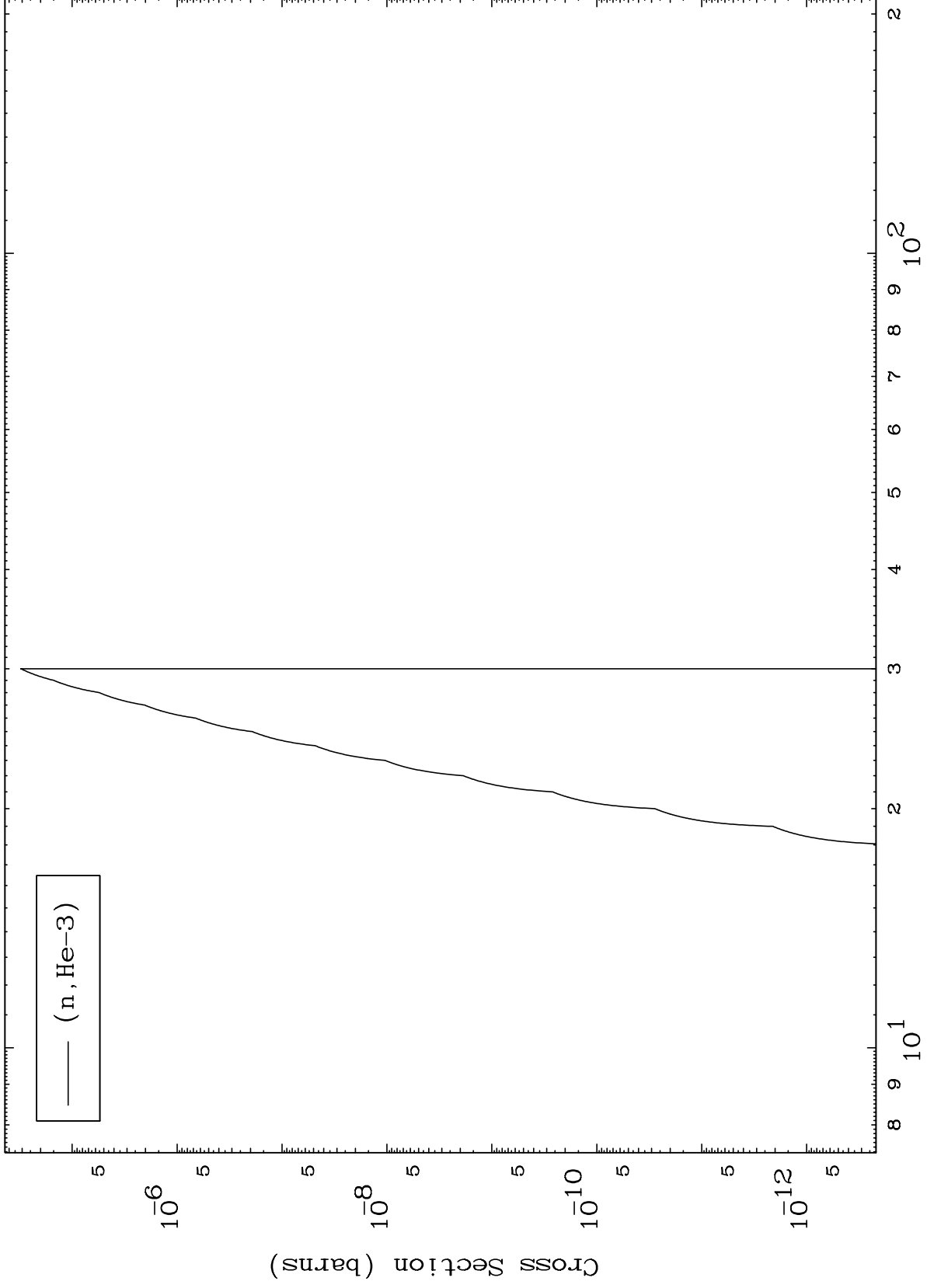
79-Au-199



MAT 7931

(n,He3) Levels
293 Kelvin Cross Sections

79-Au-199



14

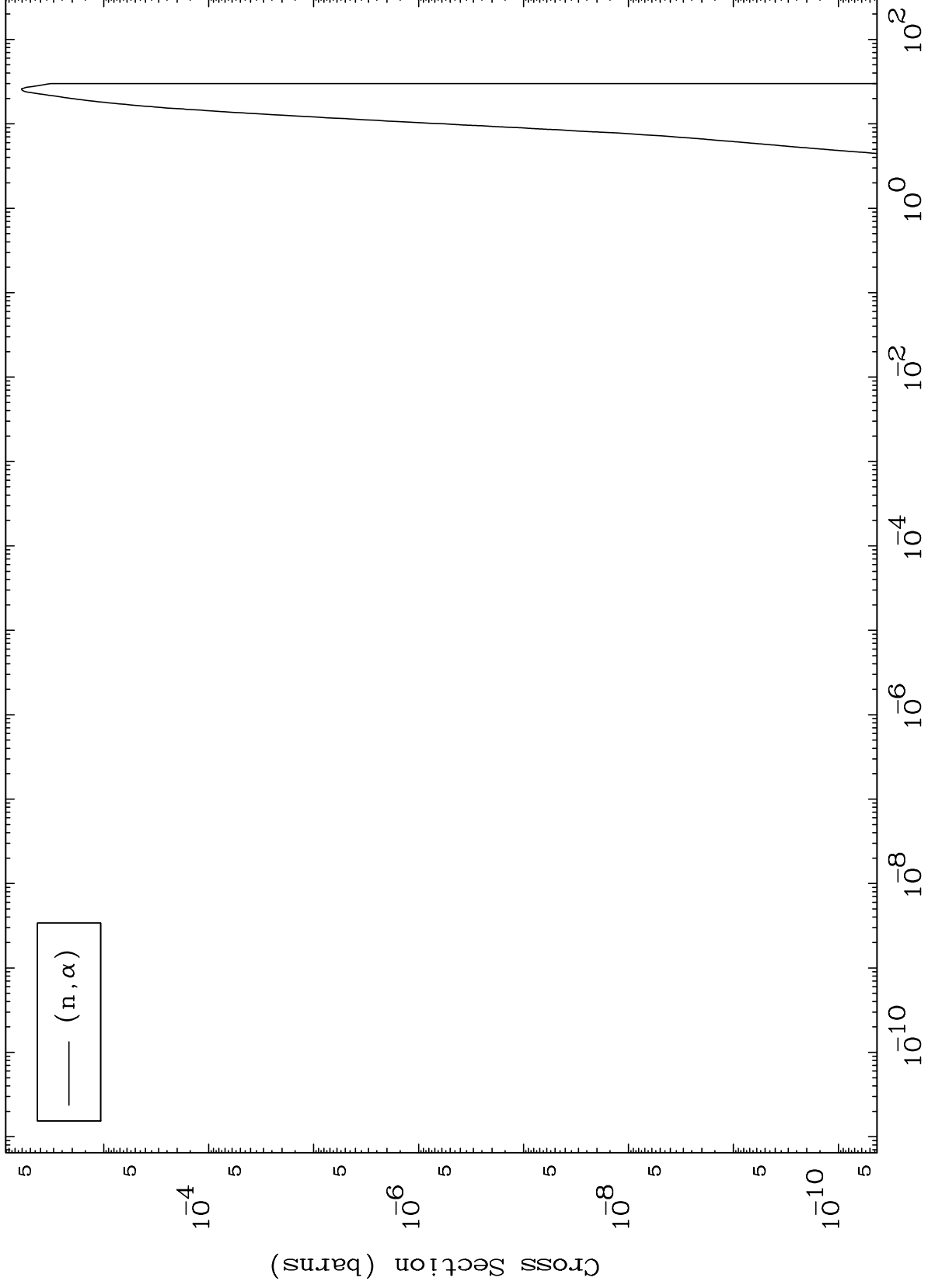
Incident Energy (MeV)

79-Au-199

MAT 7931

(n, α) Levels
293 Kelvin Cross Sections

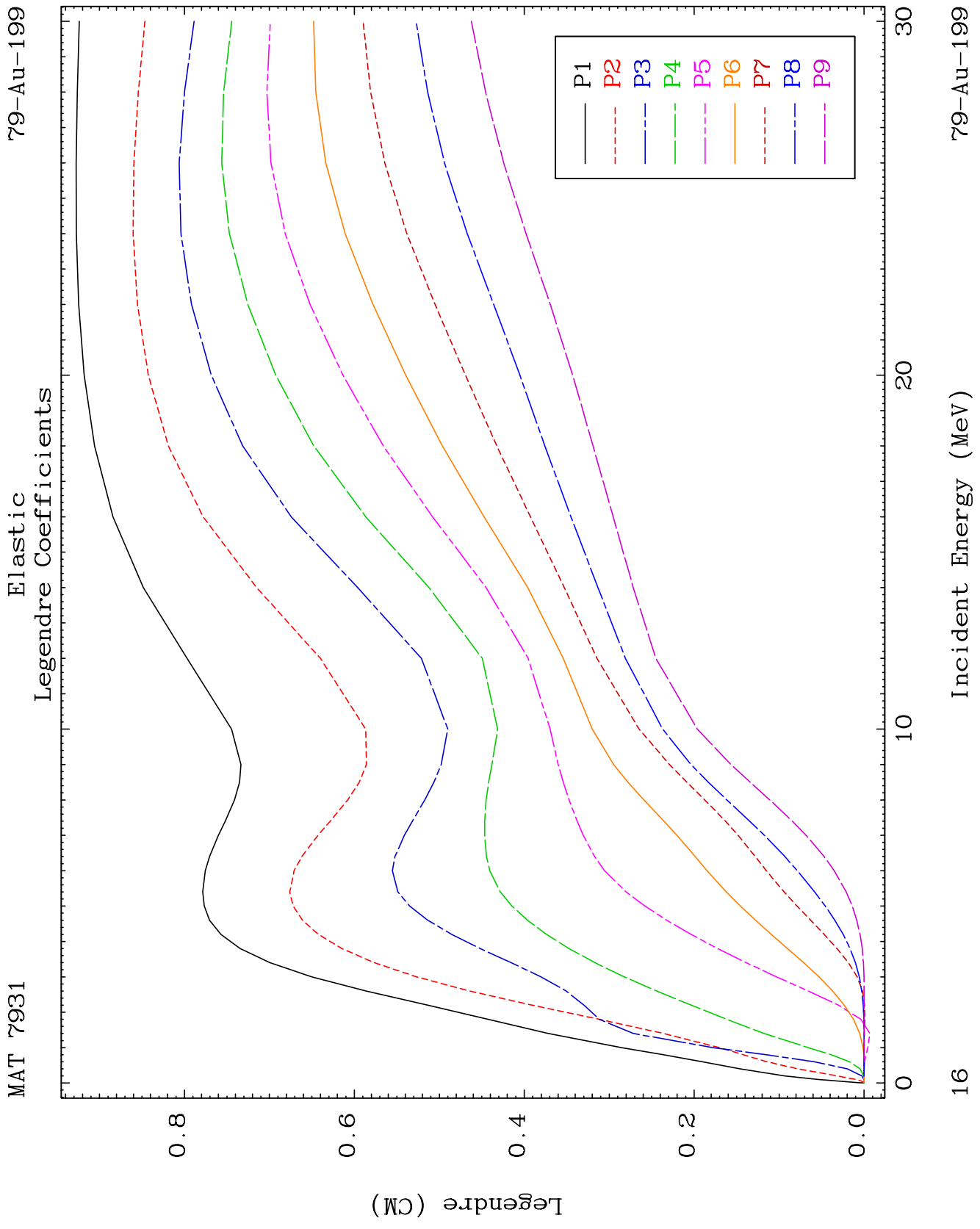
79-Au-199

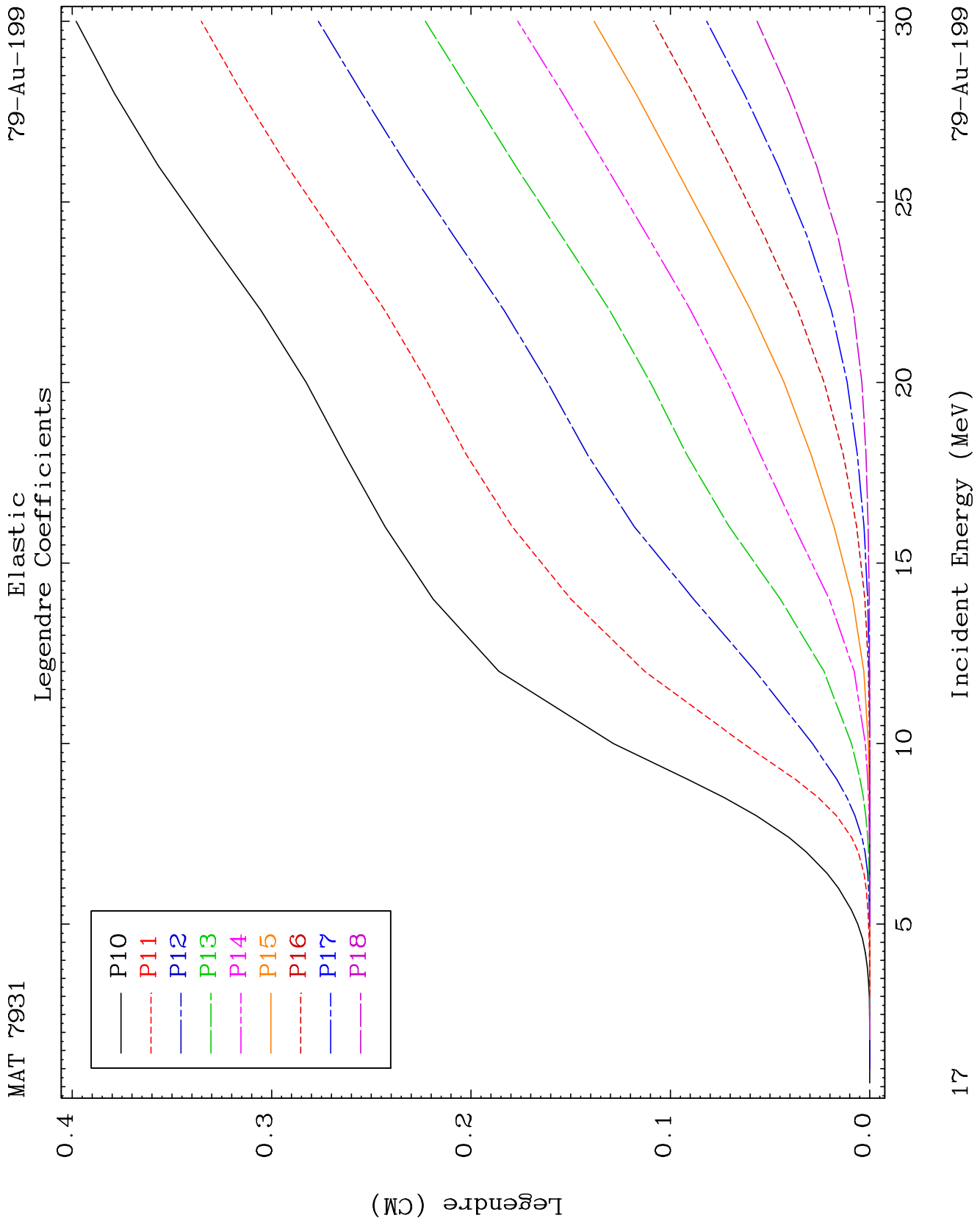


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Incident Energy (MeV)

79-Au-199

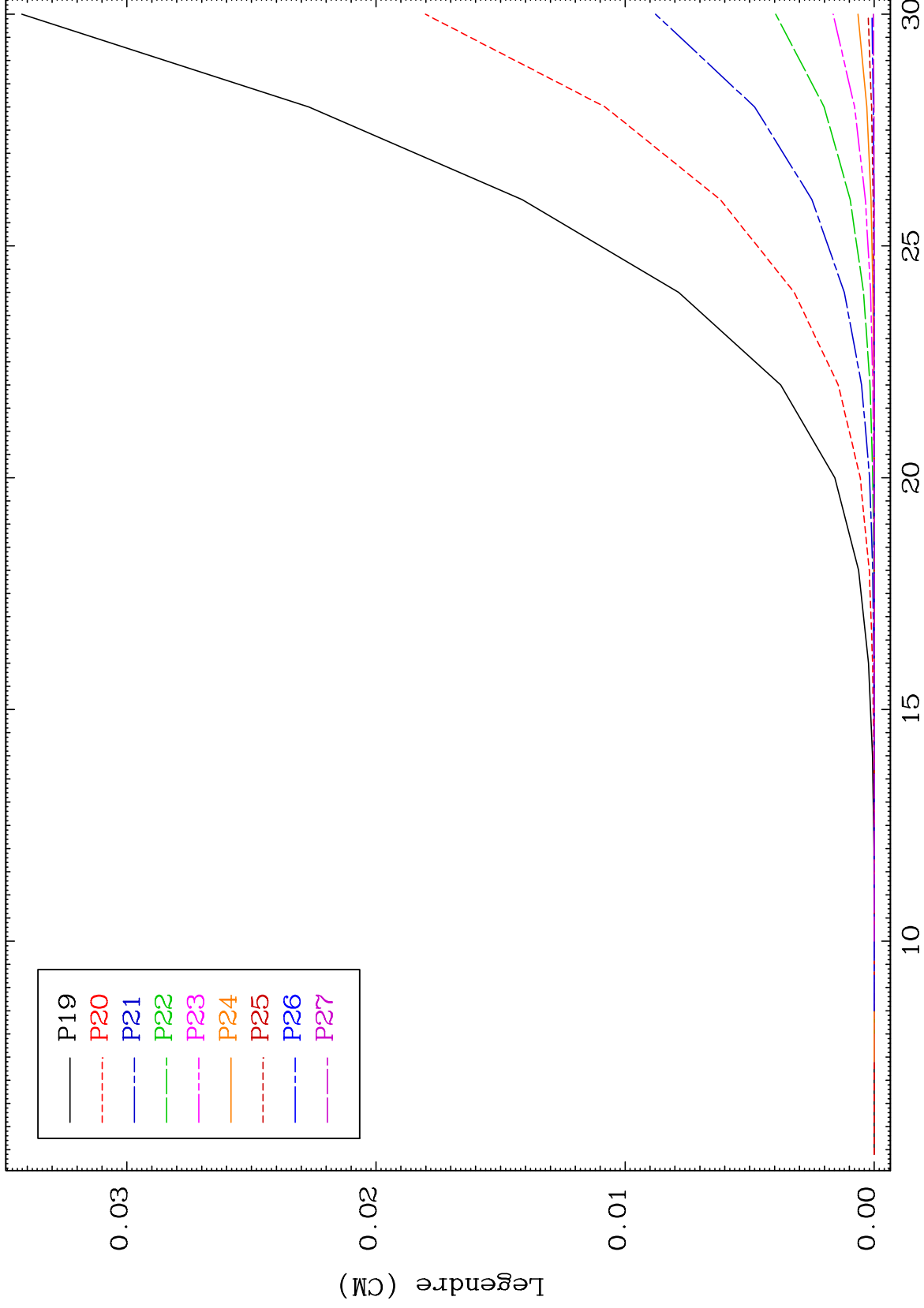




MAT 7931

Elastic Legendre Coefficients

79-Au-199



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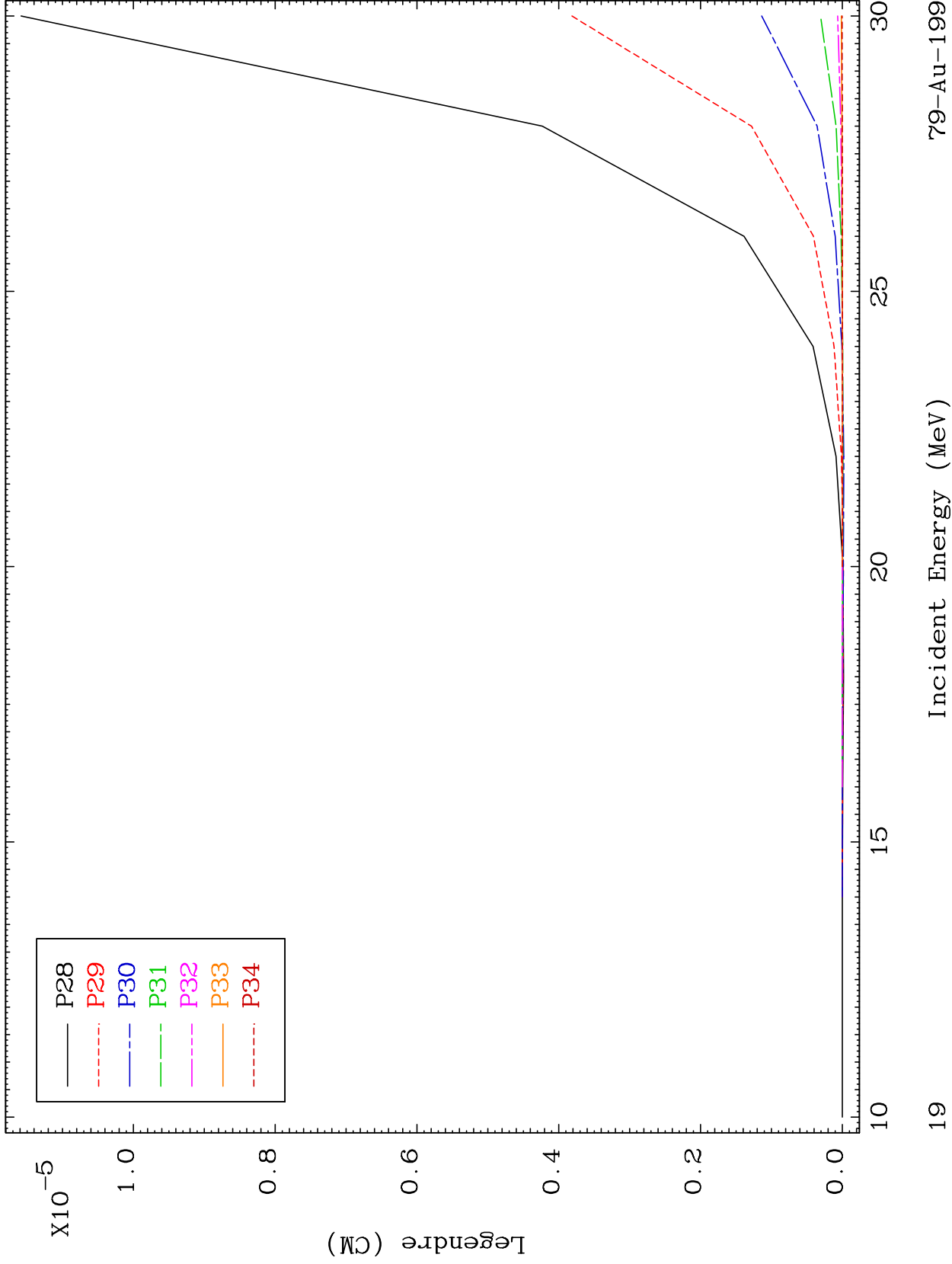
Incident Energy (MeV)

79-Au-199

MAT 7931

Elastic Legendre Coefficients

79-Au-199



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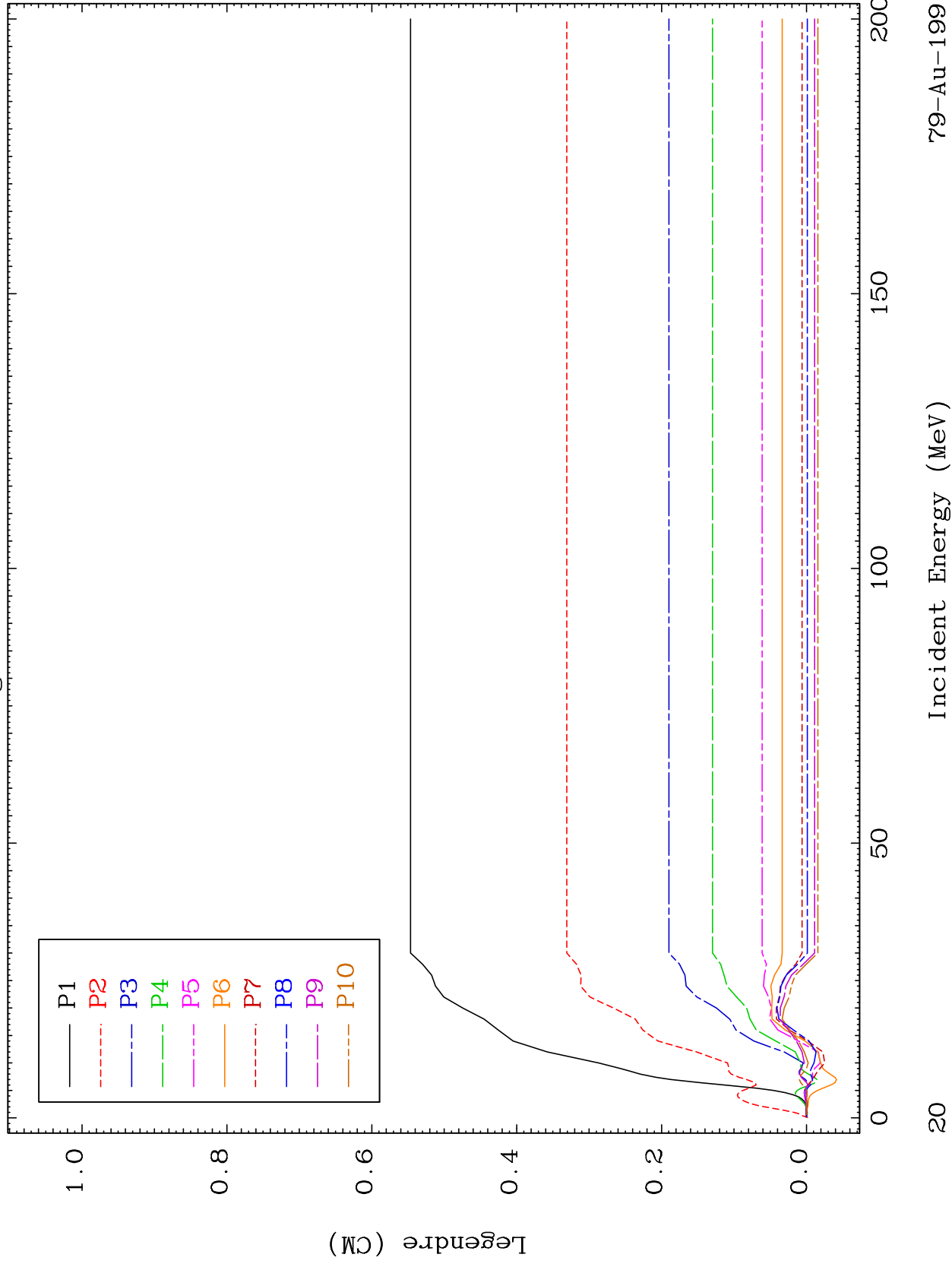
Incident Energy (MeV)

79-Au-199

MAT 7931

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

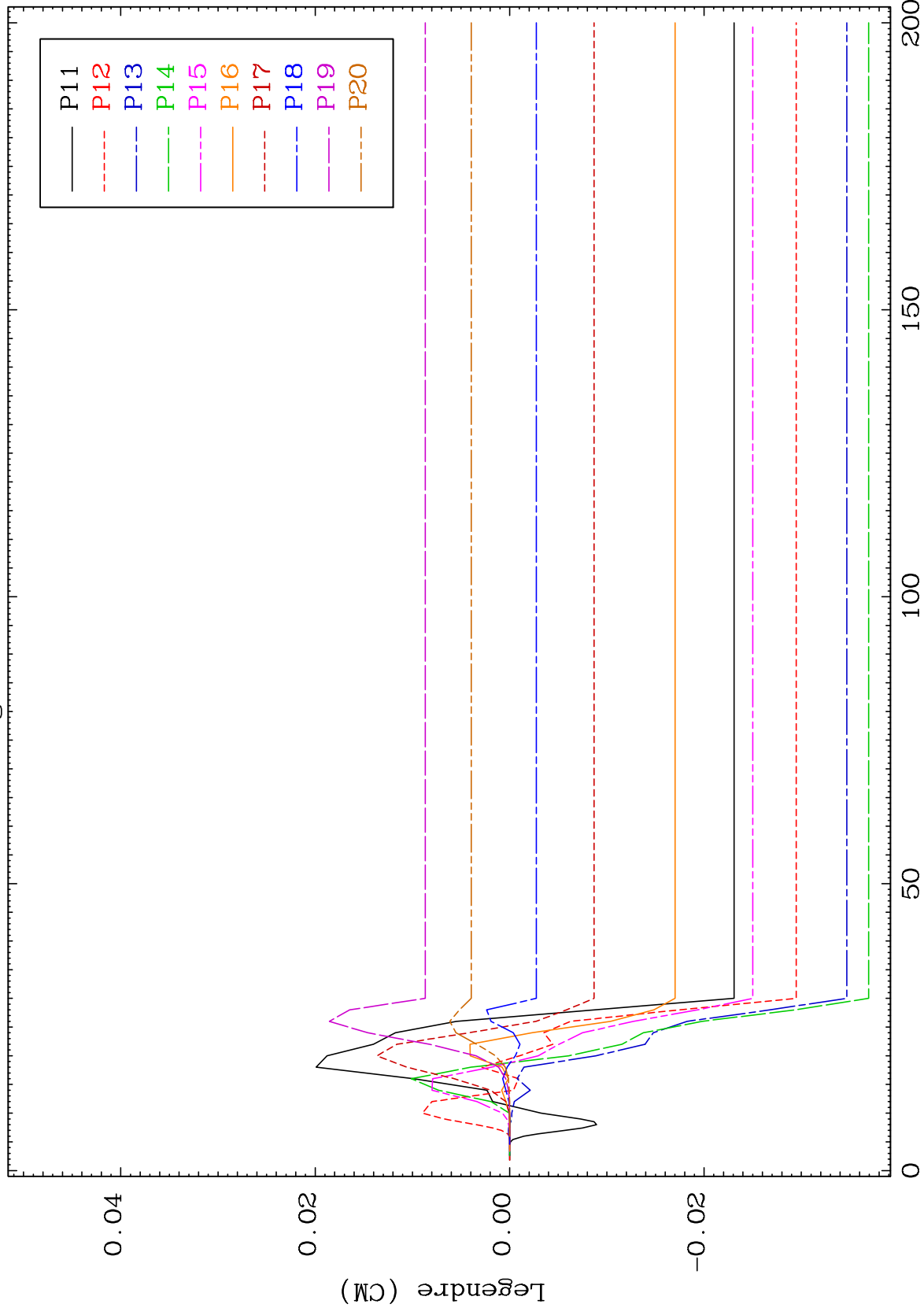
79-Au-199



MAT 7931

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

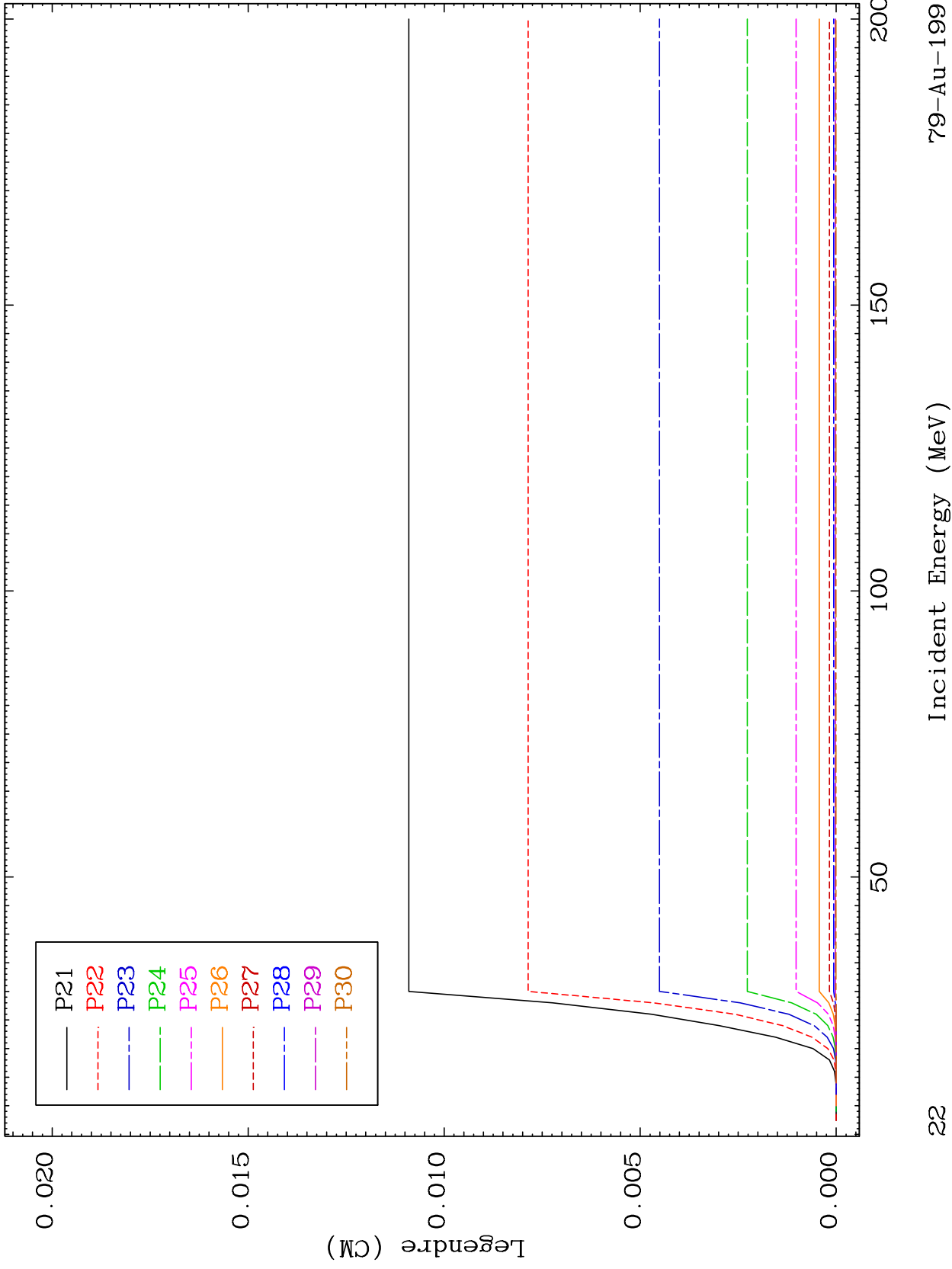
79-Au-199



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Incident Energy (MeV)

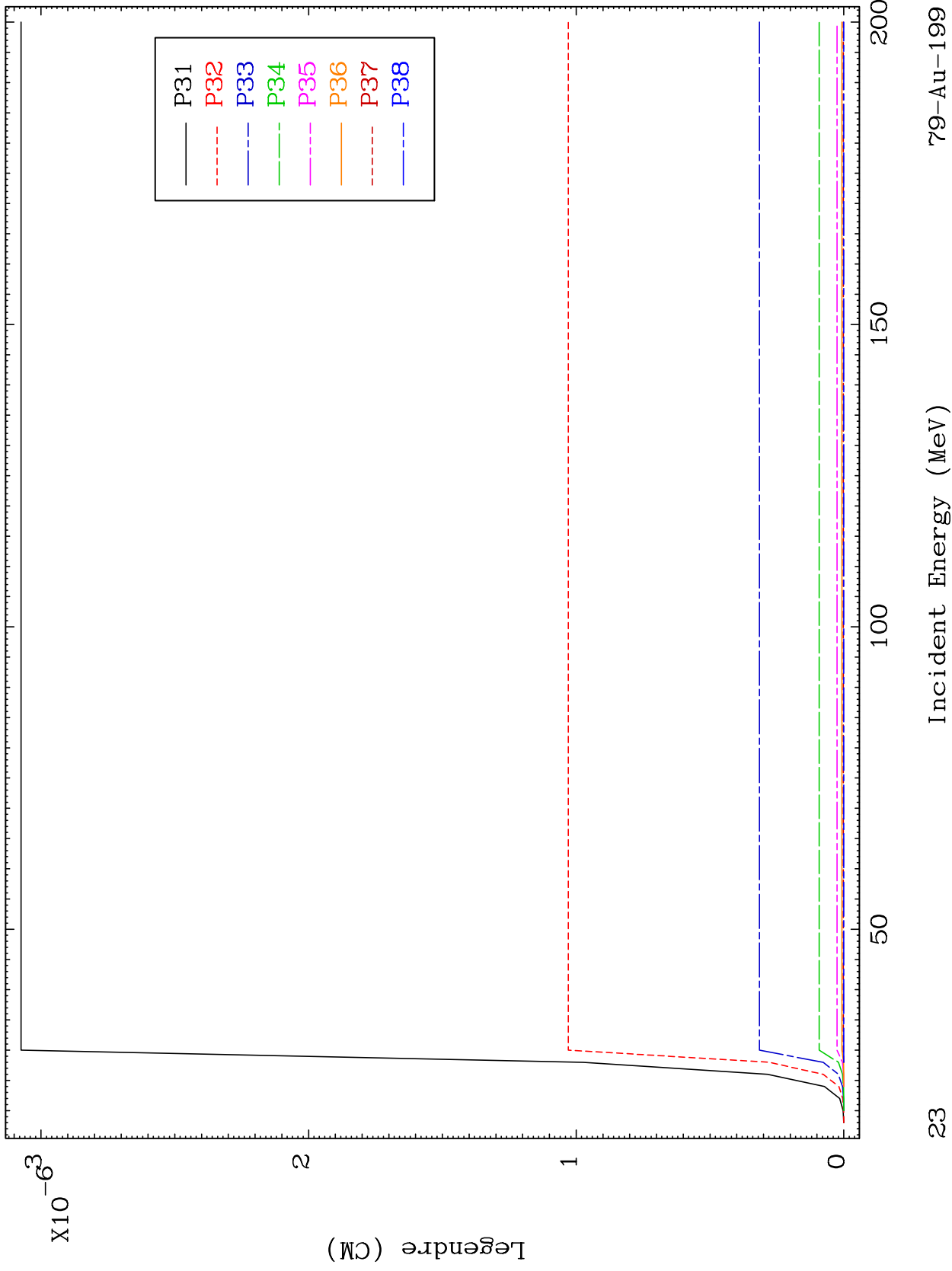
79-Au-199



MAT 7931

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

79-Au-199



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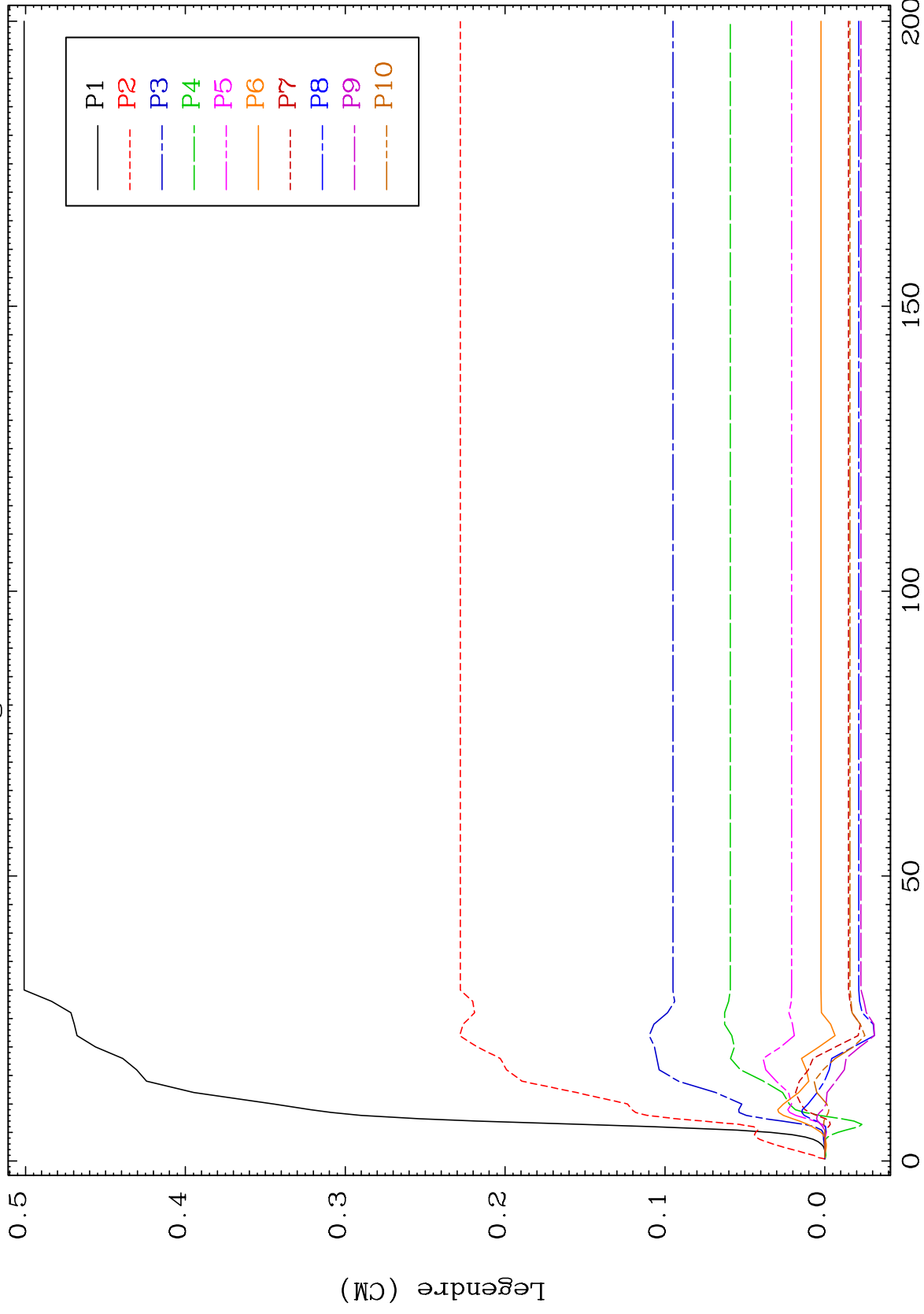
Incident Energy (MeV)

79-Au-199

MAT 7931

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

79-Au-199



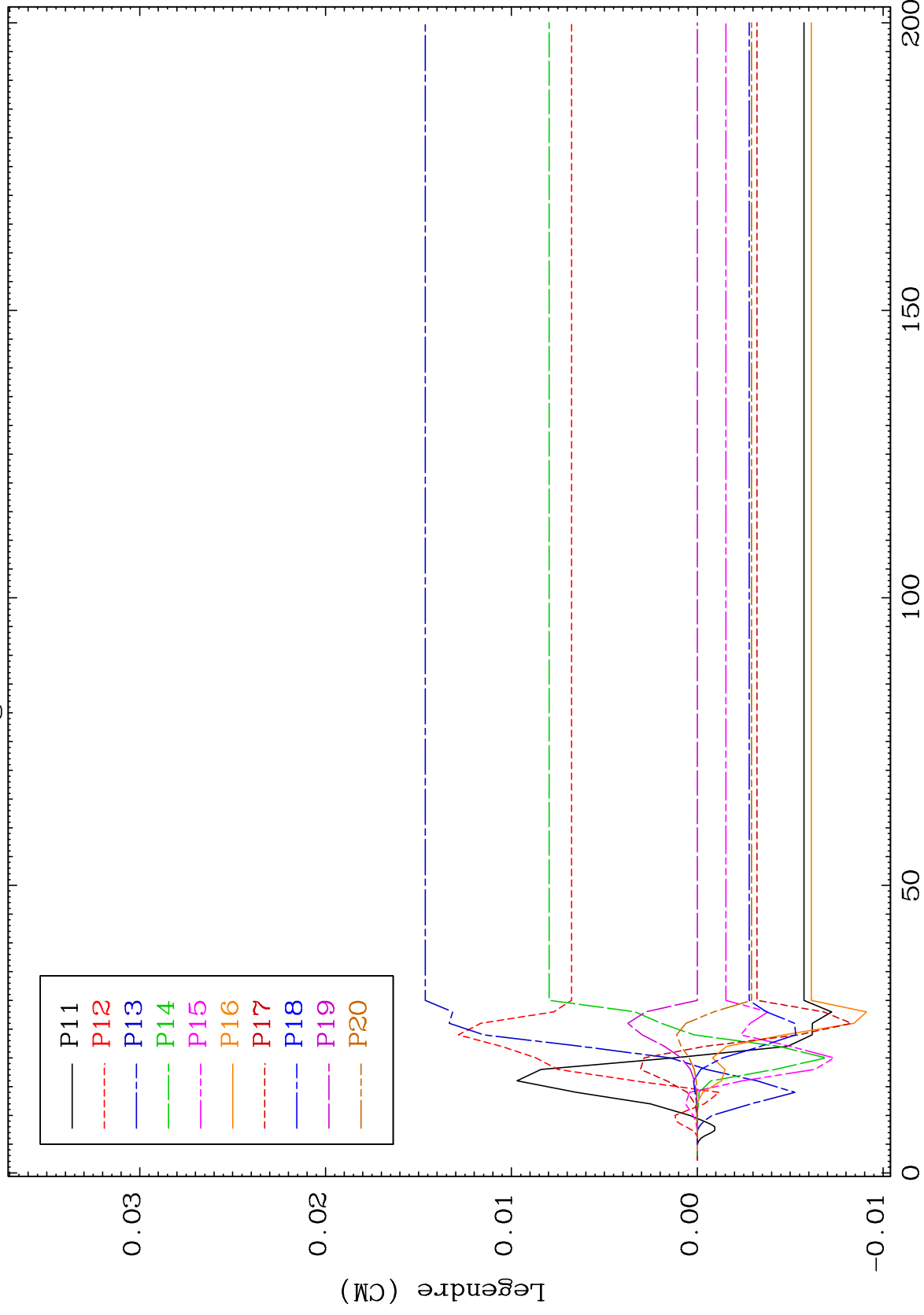
24

79-Au-199

MAT 7931

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

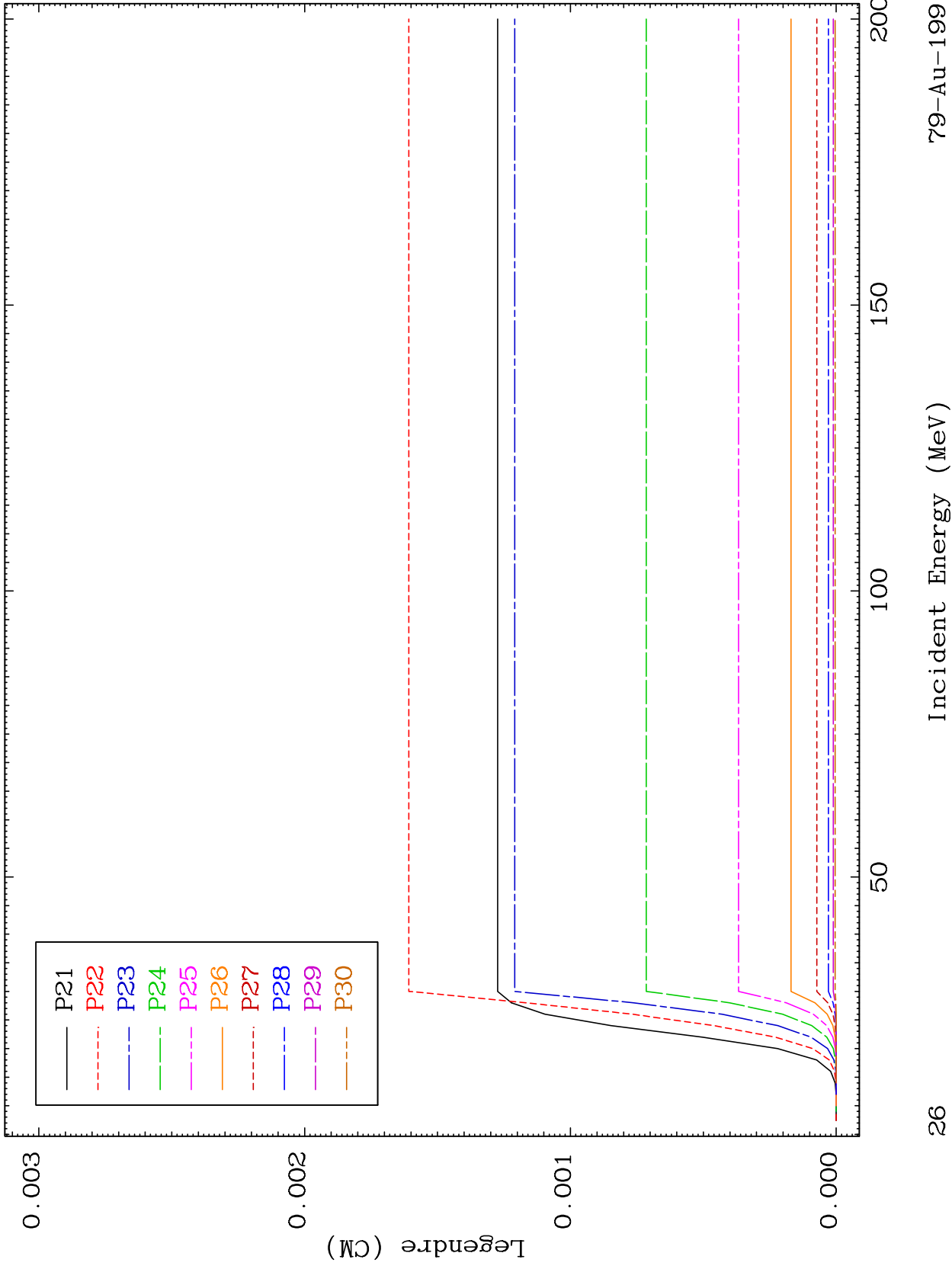
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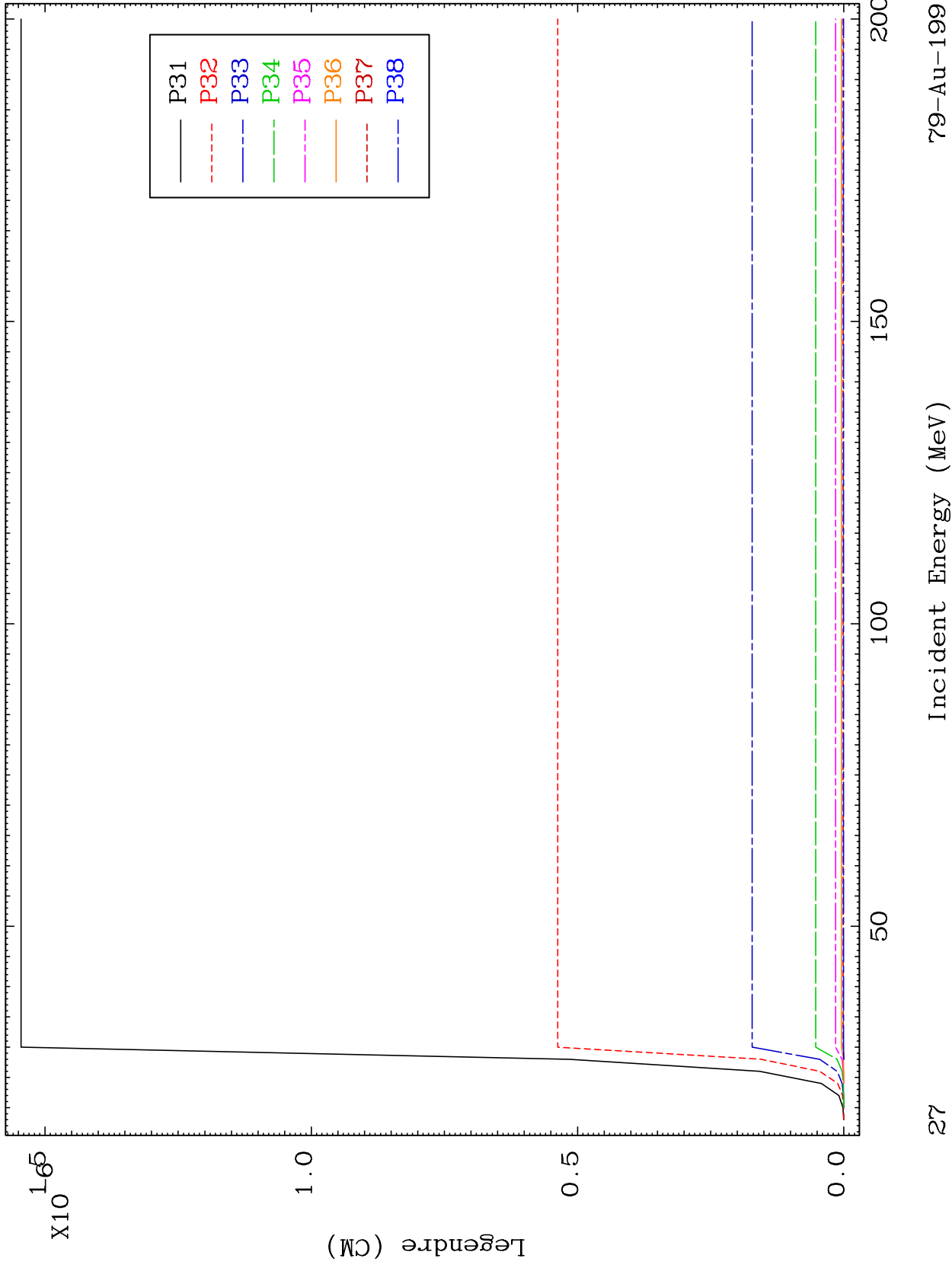


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Incident Energy (MeV)

79-Au-199

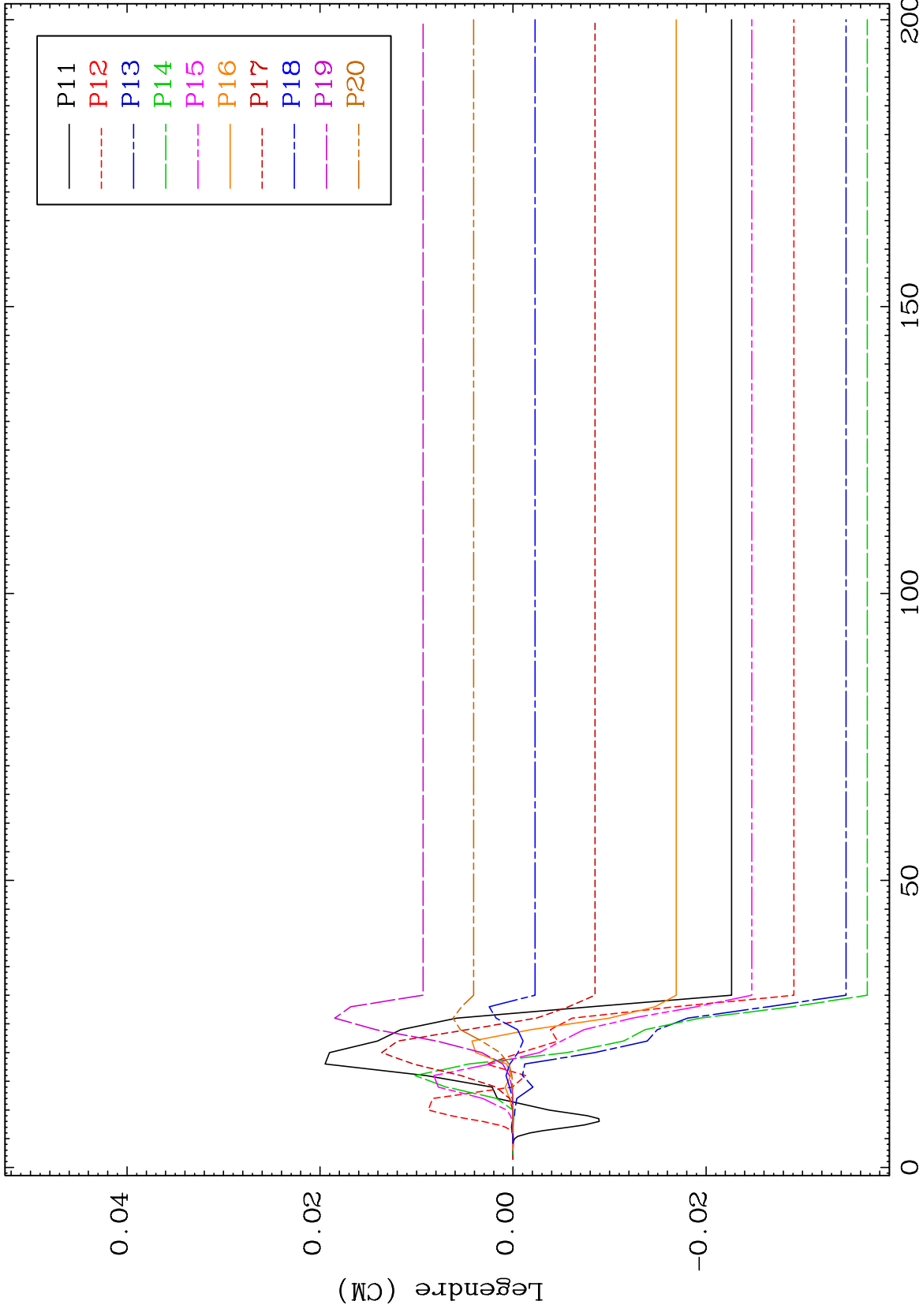




MAT 7931

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

79-Au-199



29

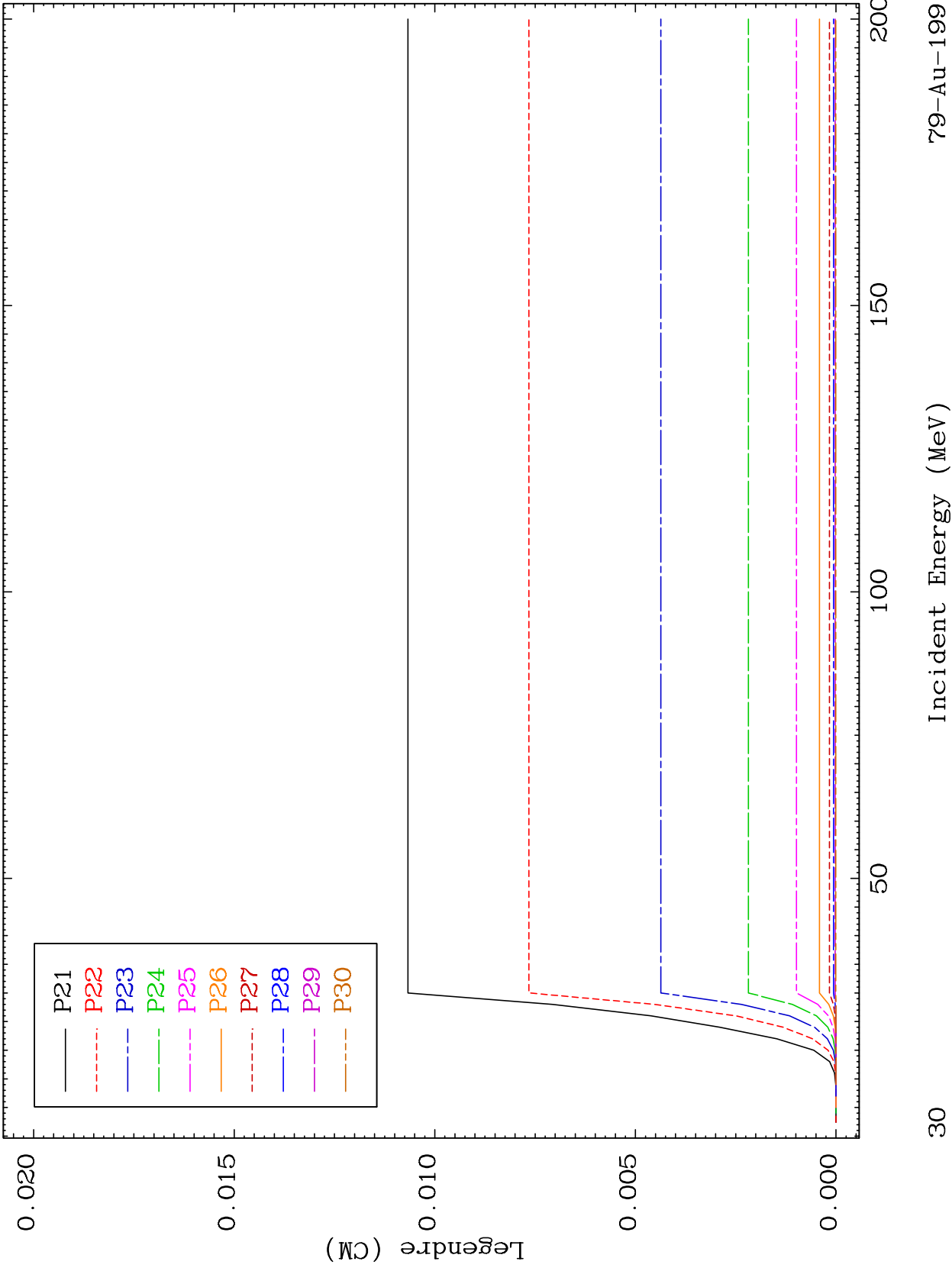
Incident Energy (MeV)

79-Au-199

MAT 7931

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

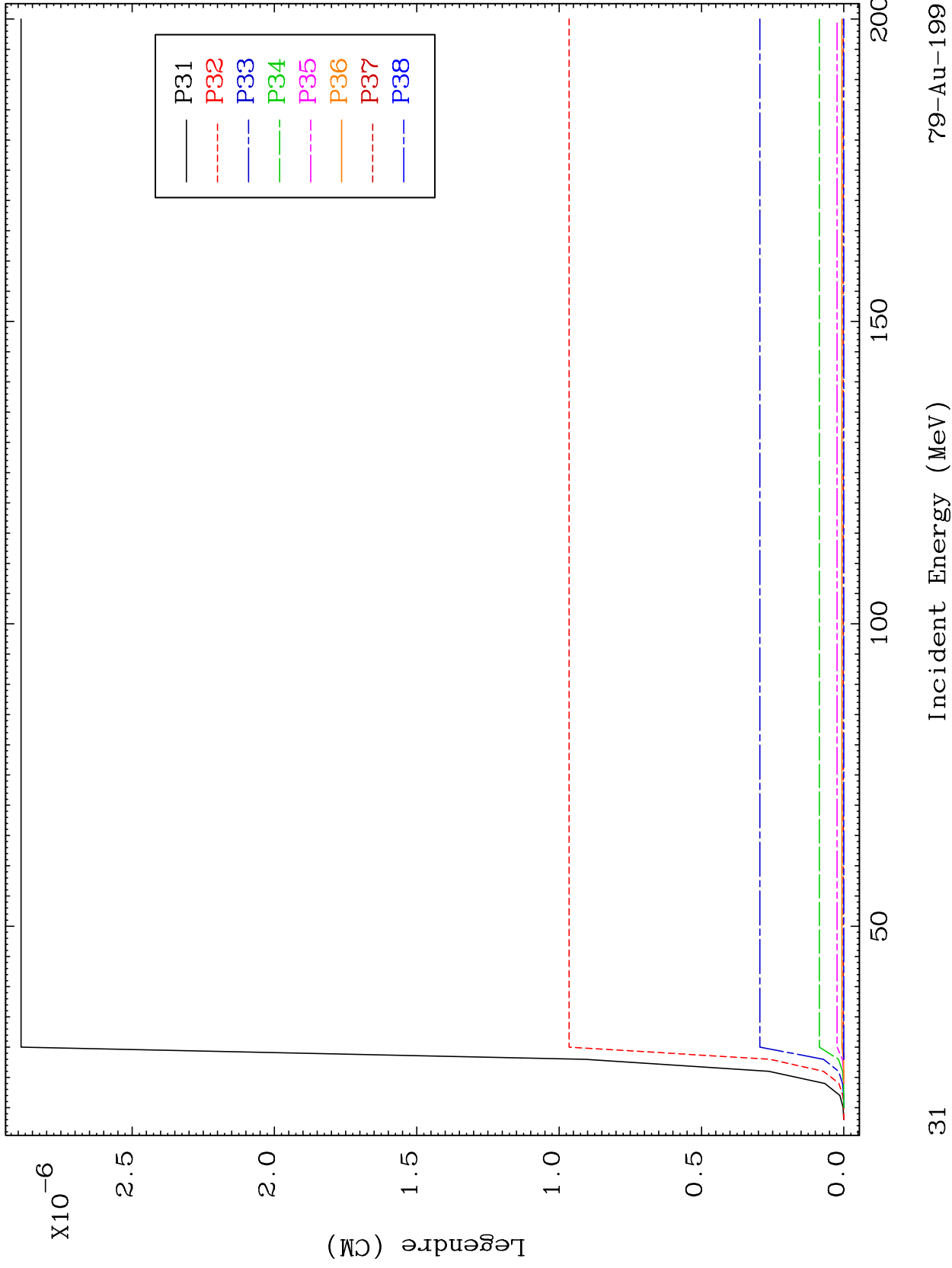
79-Au-199



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Incident Energy (MeV)

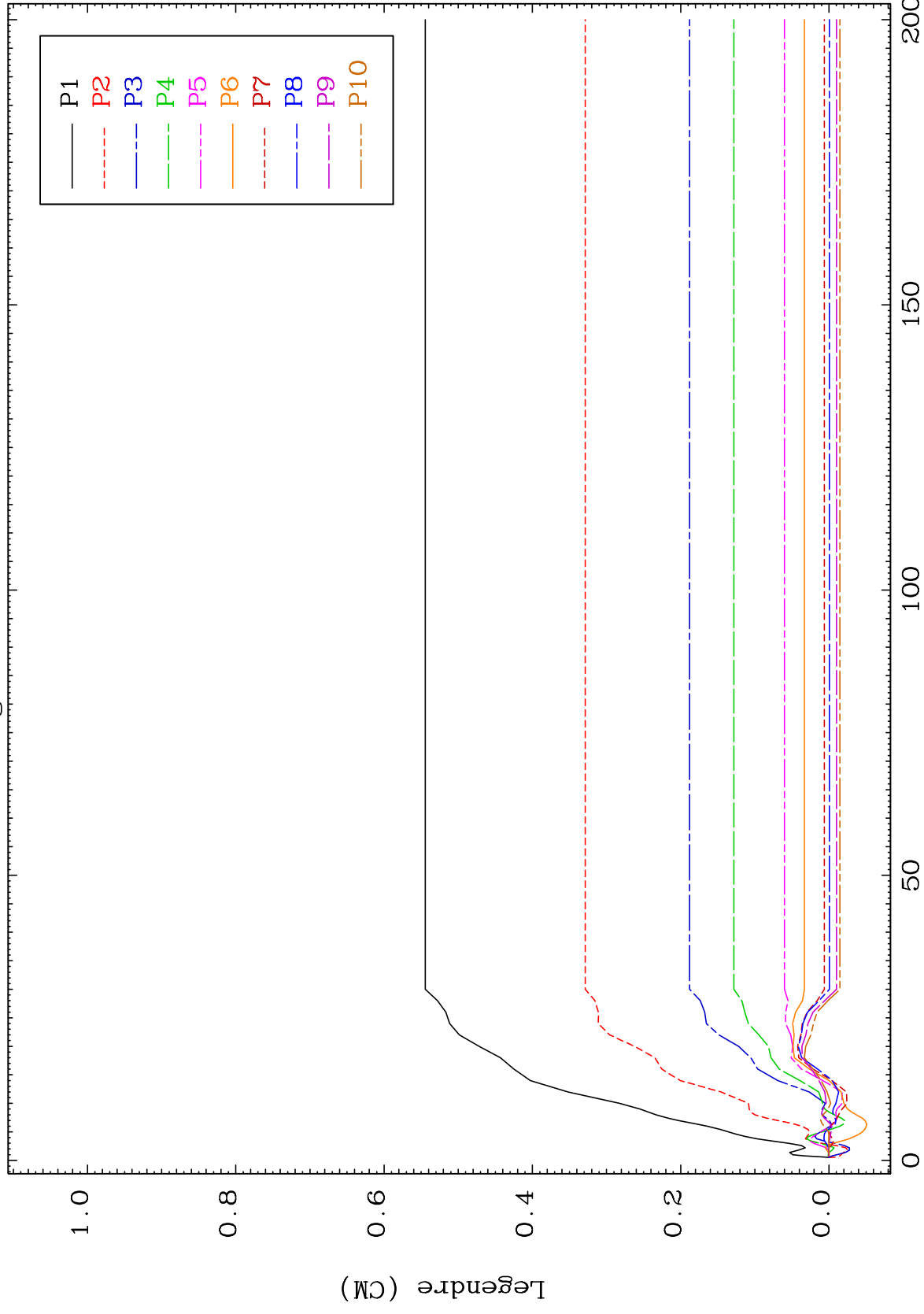
79-Au-199



MAT 7931

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

79-Au-199



79-Au-199

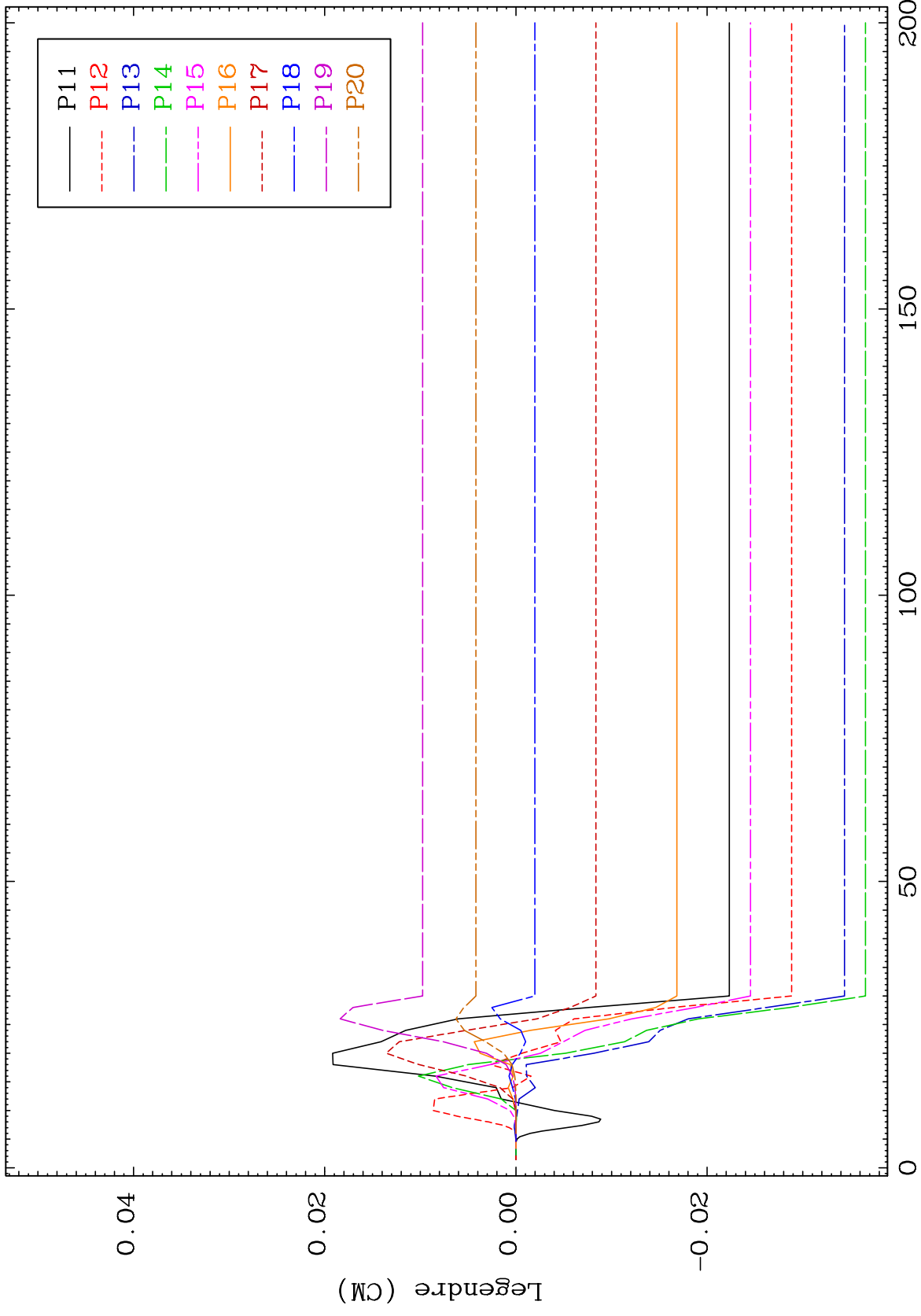
Incident Energy (MeV)

32

MAT 7931

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

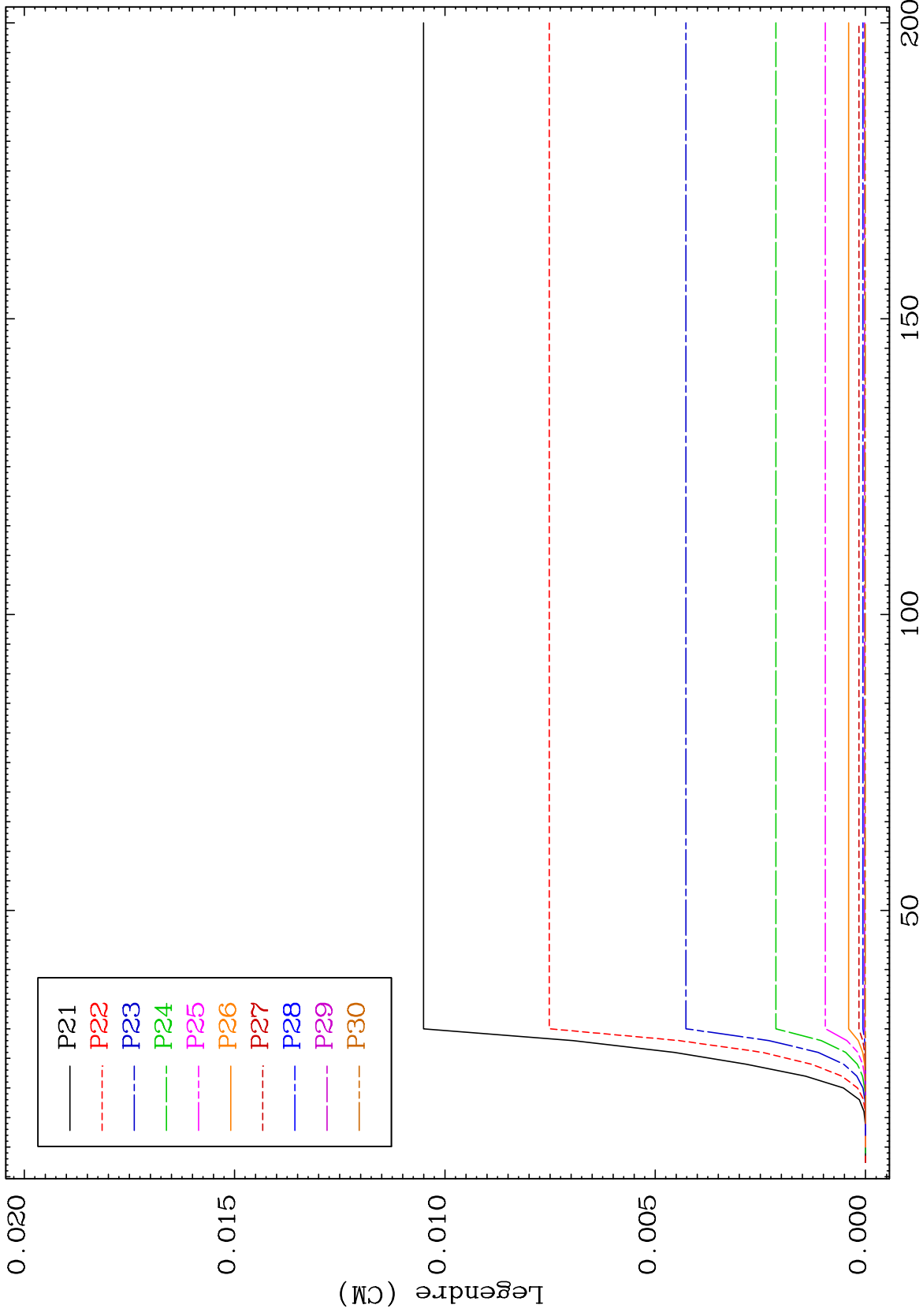
79-Au-199



33

Incident Energy (MeV)

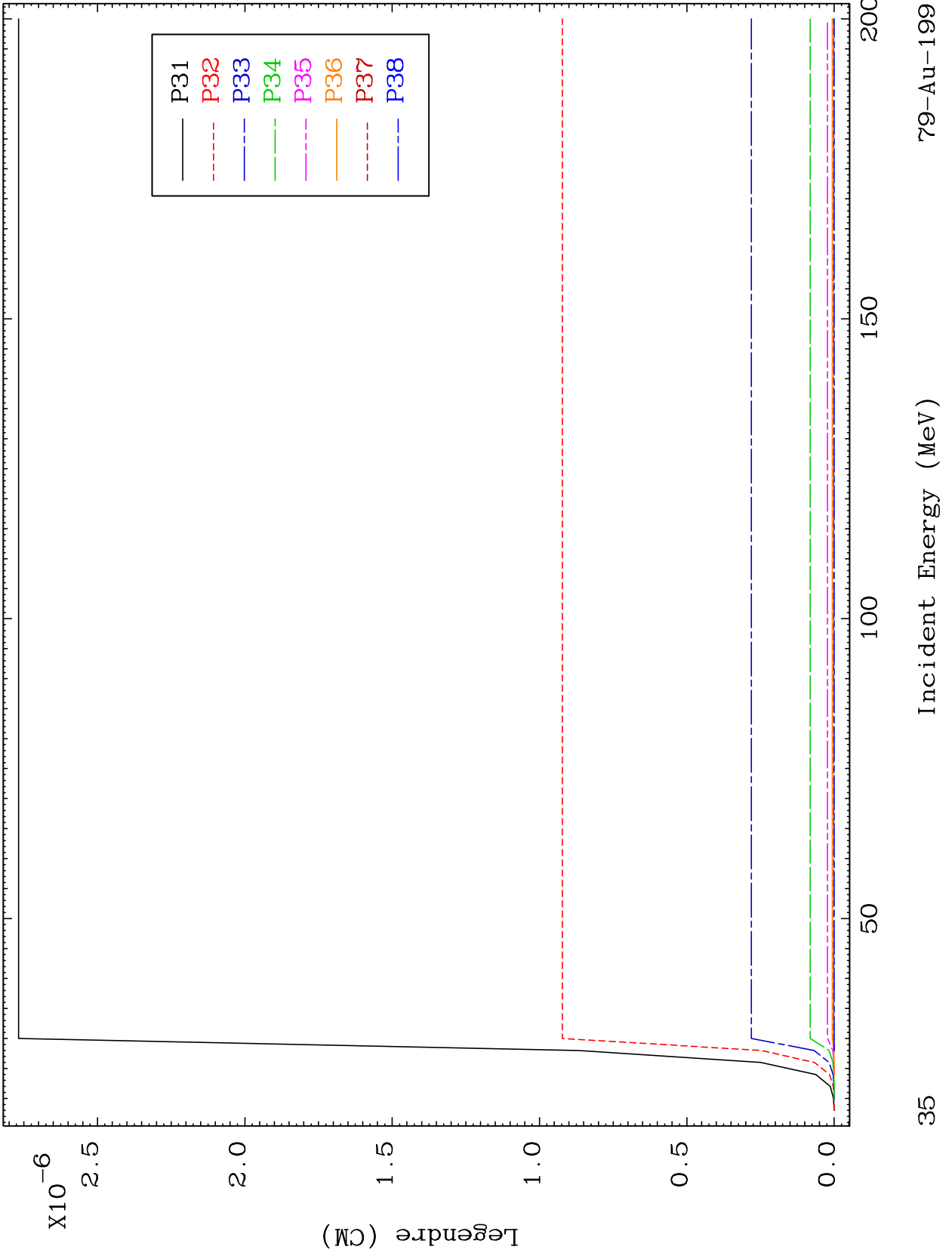
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MAT 7931

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

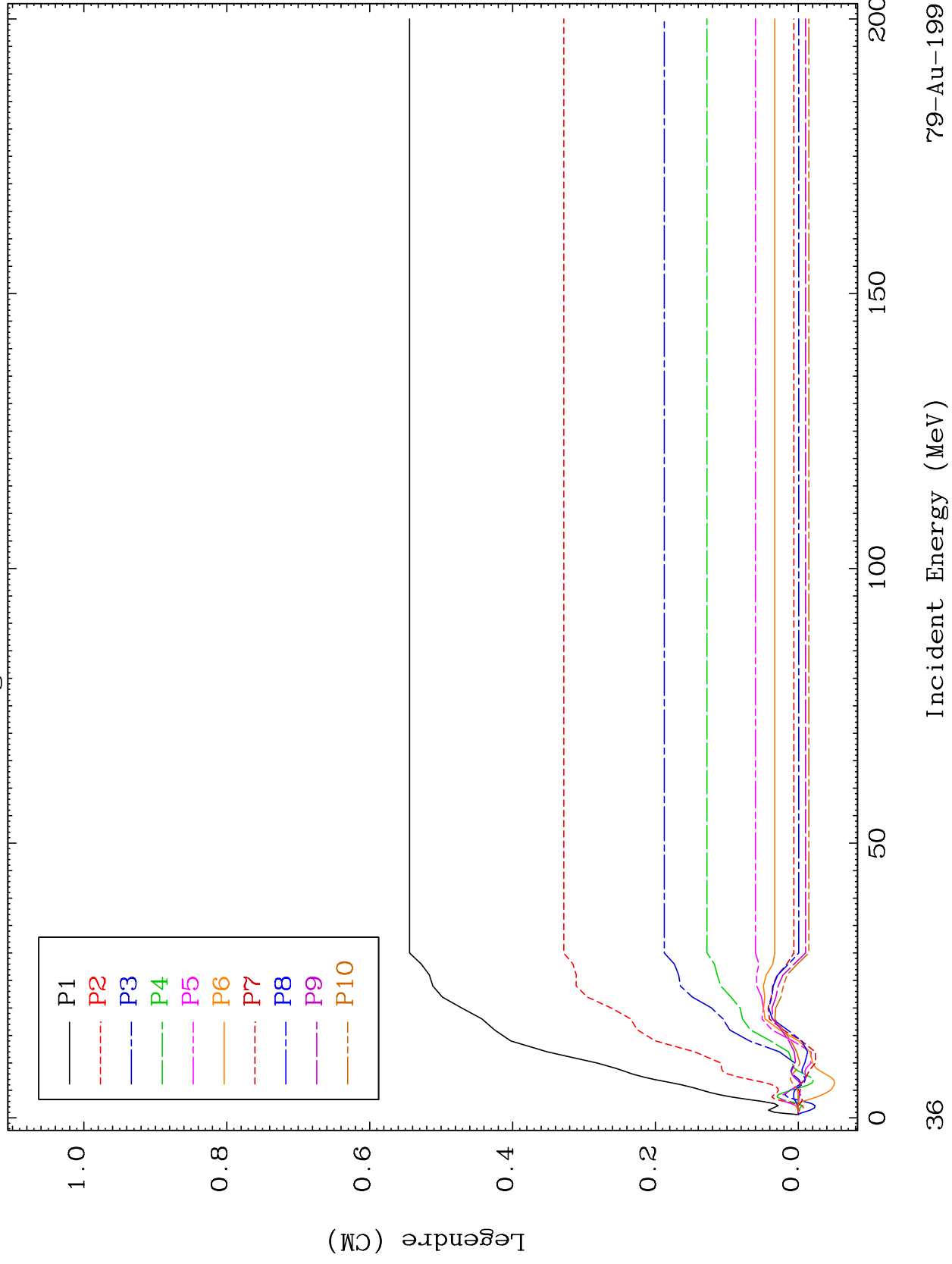
79-Au-199



MAT 7931

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

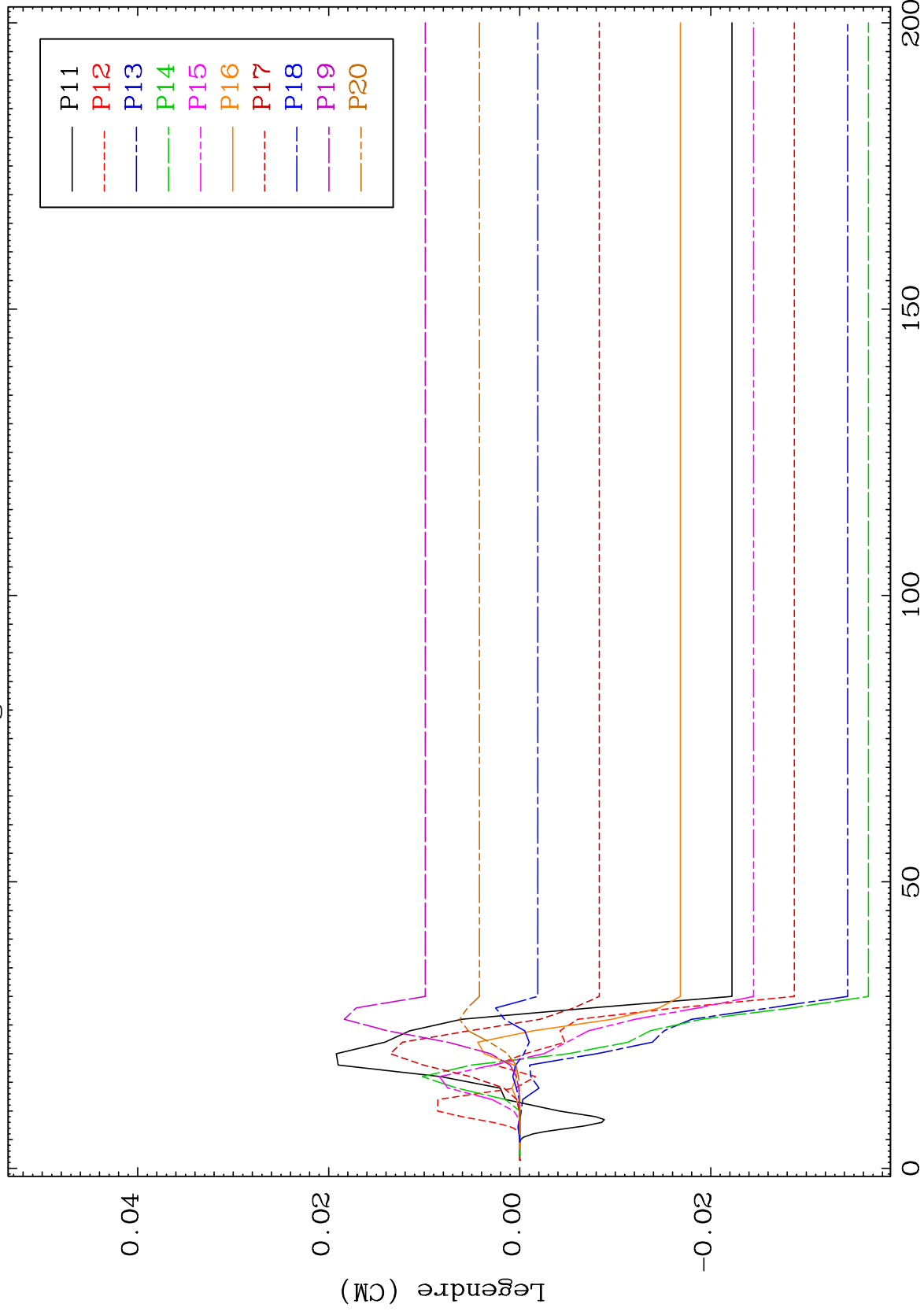
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MAT 7931

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

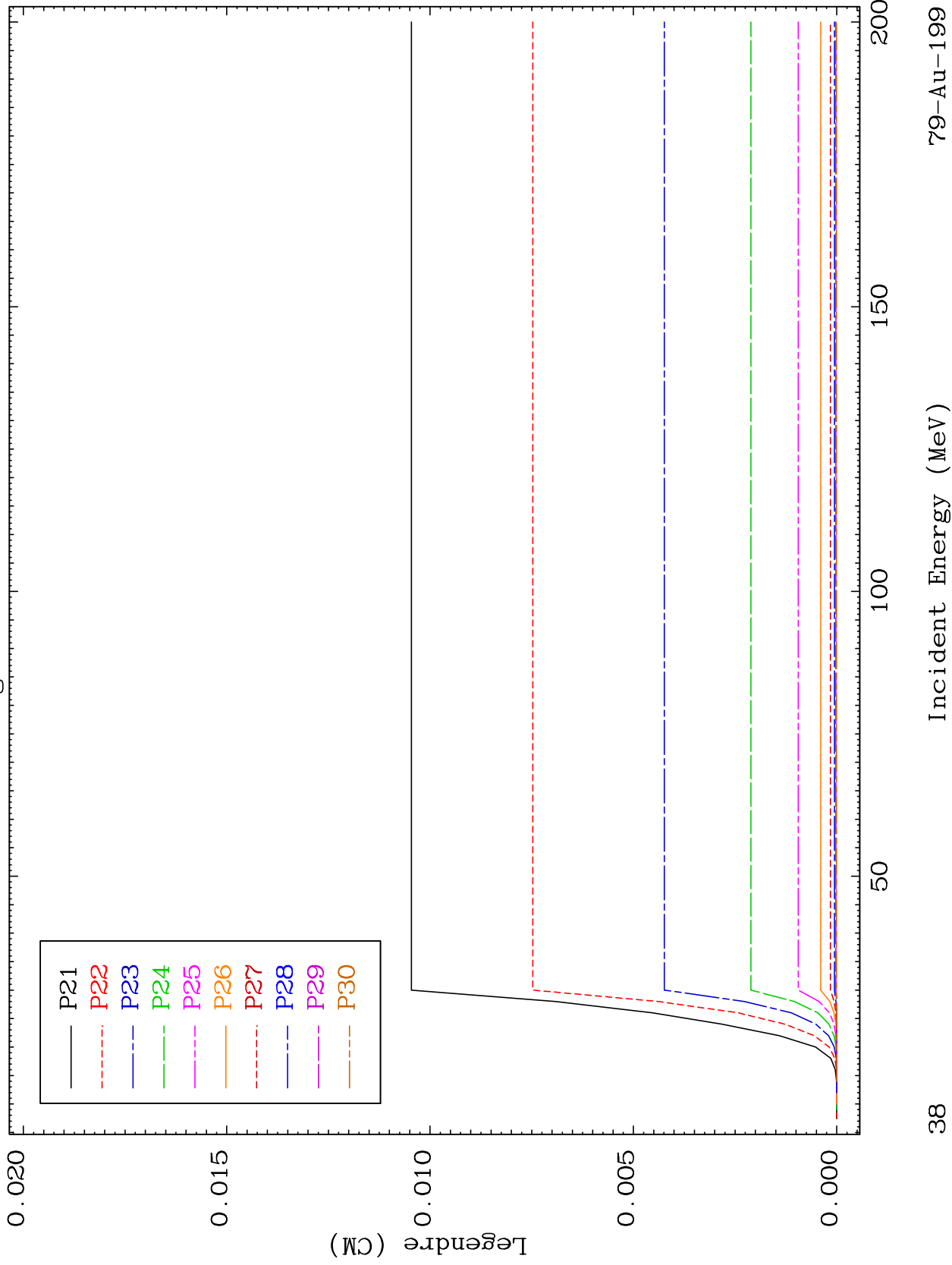
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Incident Energy (MeV)

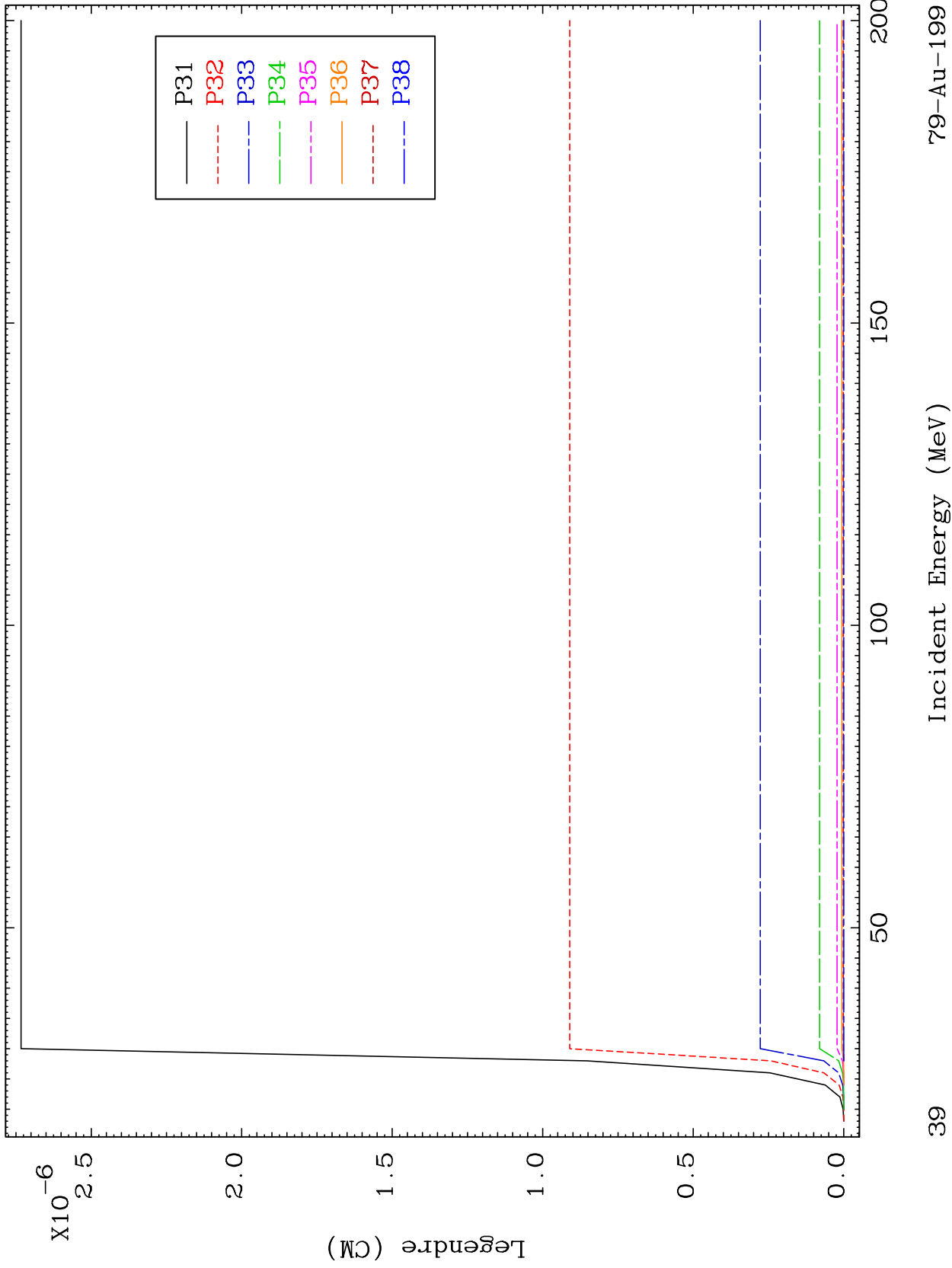
79-Au-199



MAT 7931

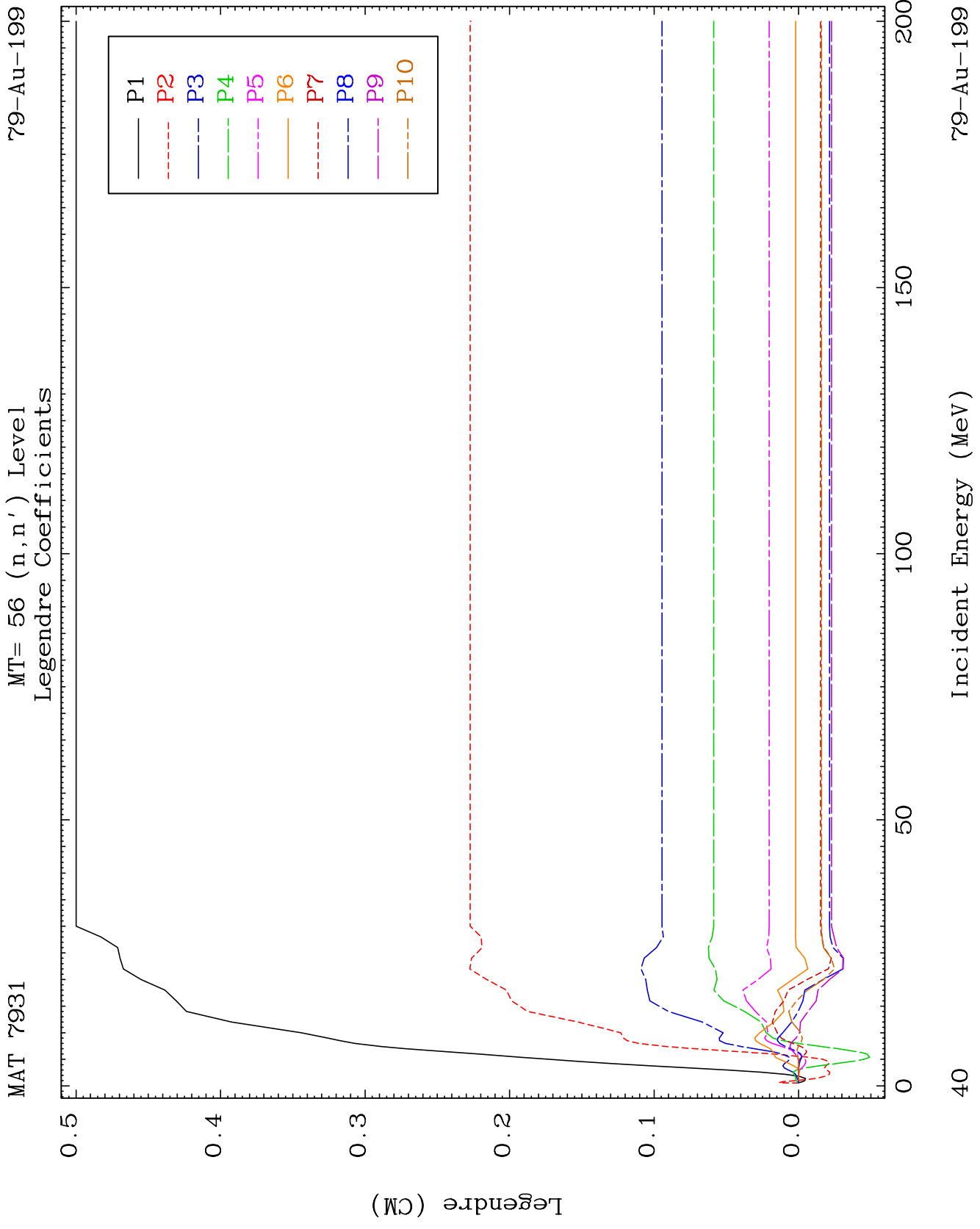
MT= 55 (n,n') Level
Legendre Coefficients

79-Au-199



39

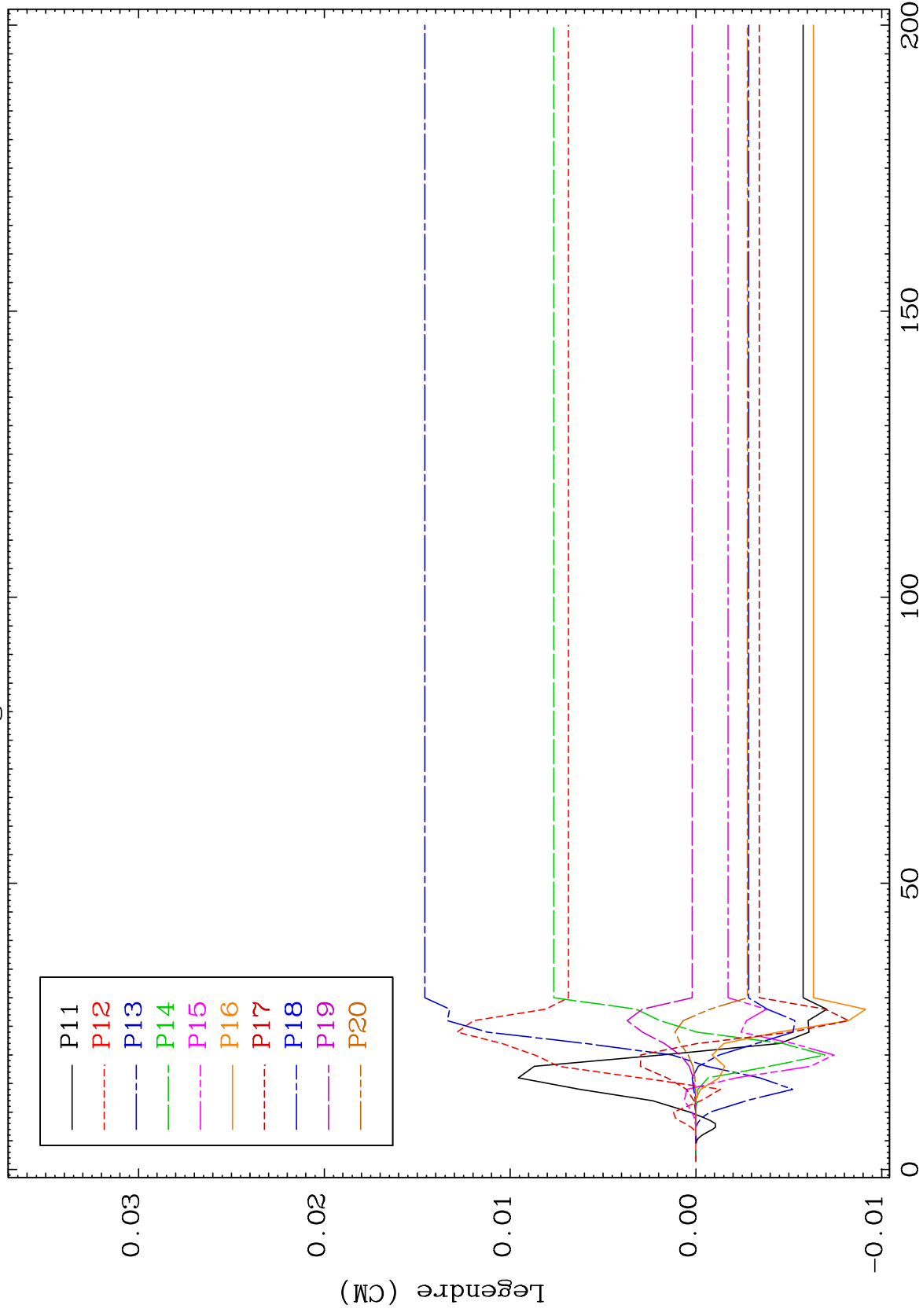
79-Au-199



MAT 7931

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

79-Au-199



41

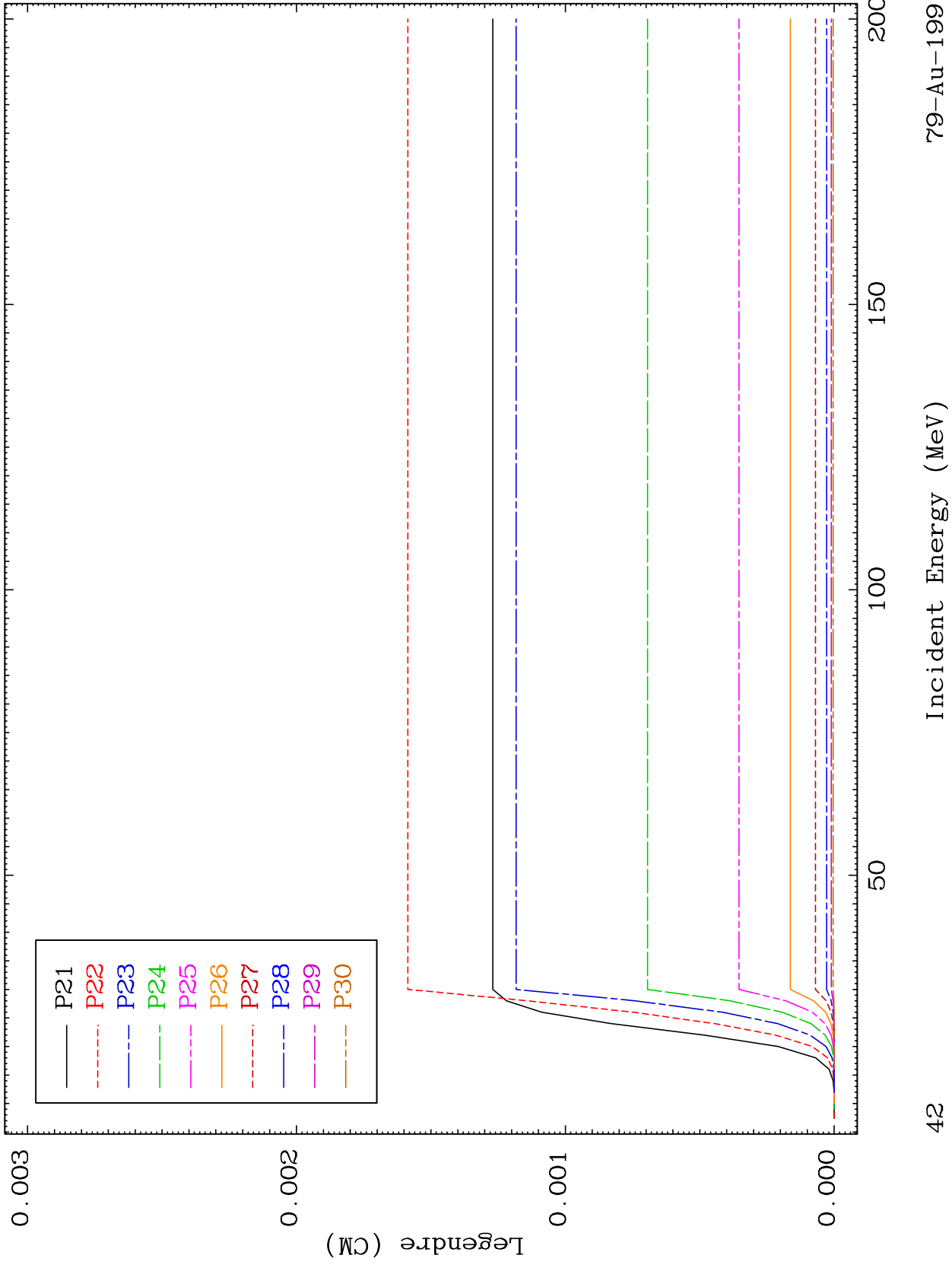
Incident Energy (MeV)

79-Au-199

MAT 7931

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

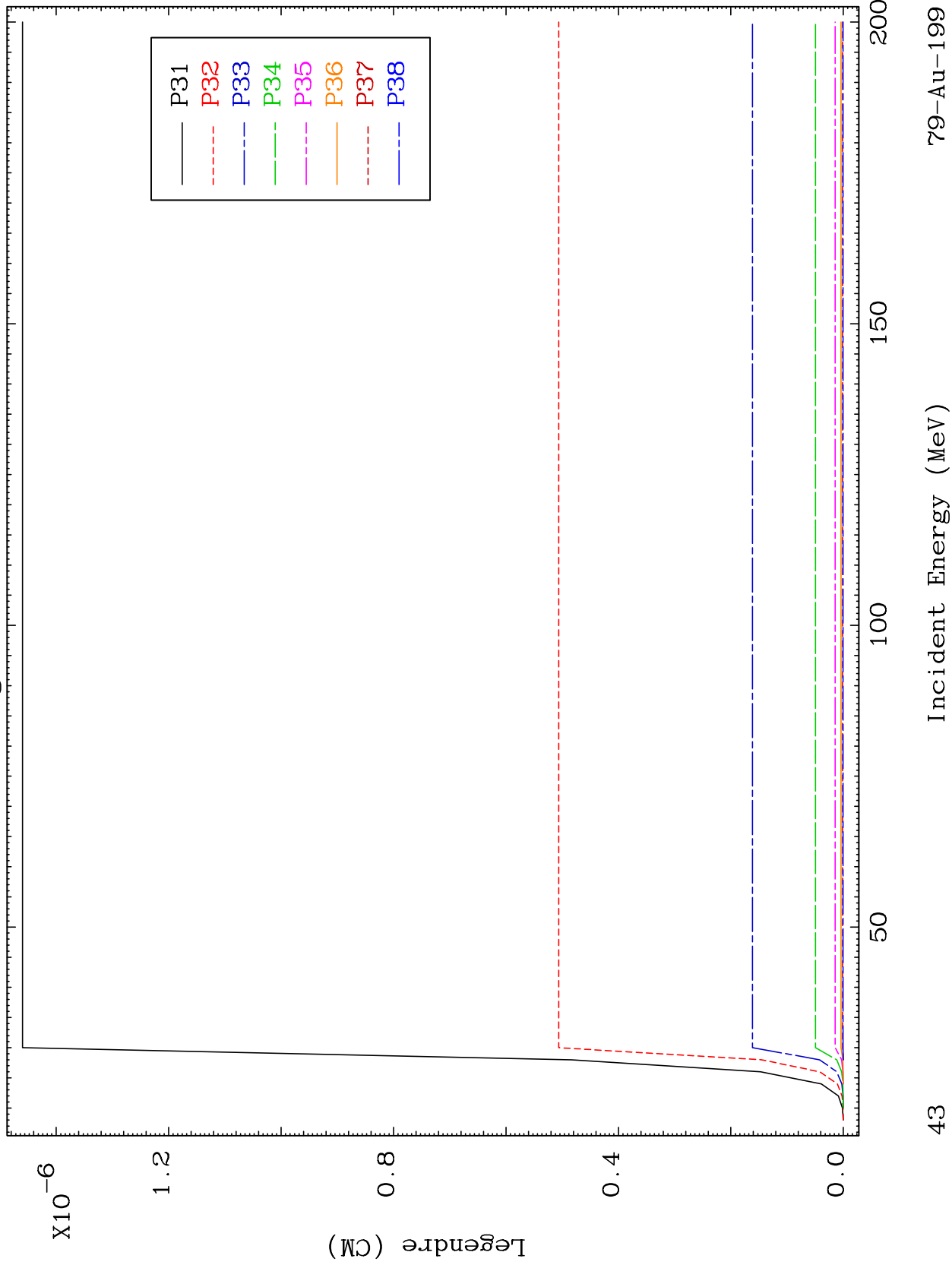
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MAT 7931

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

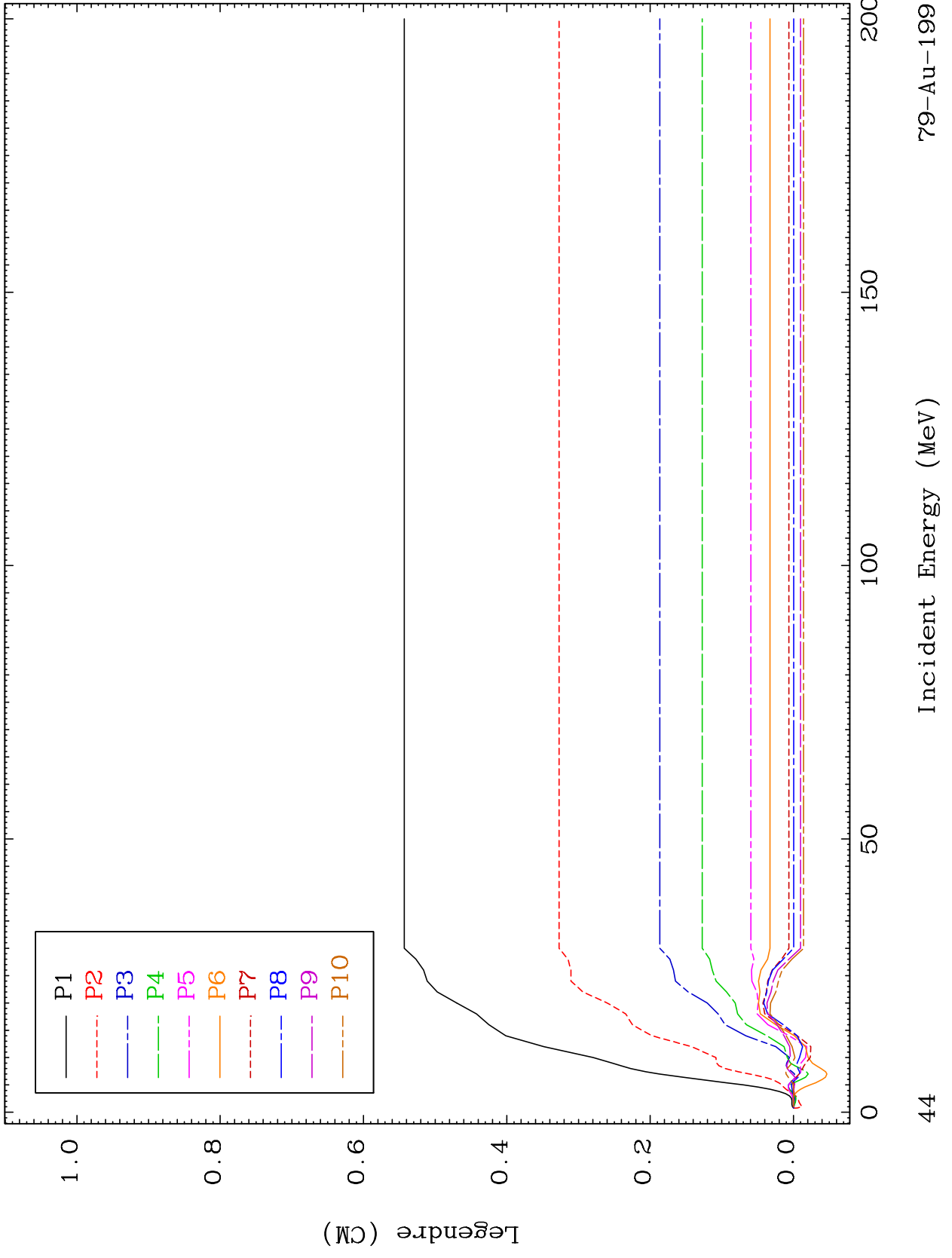
79-Au-199



MAT 7931

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

79-Au-199

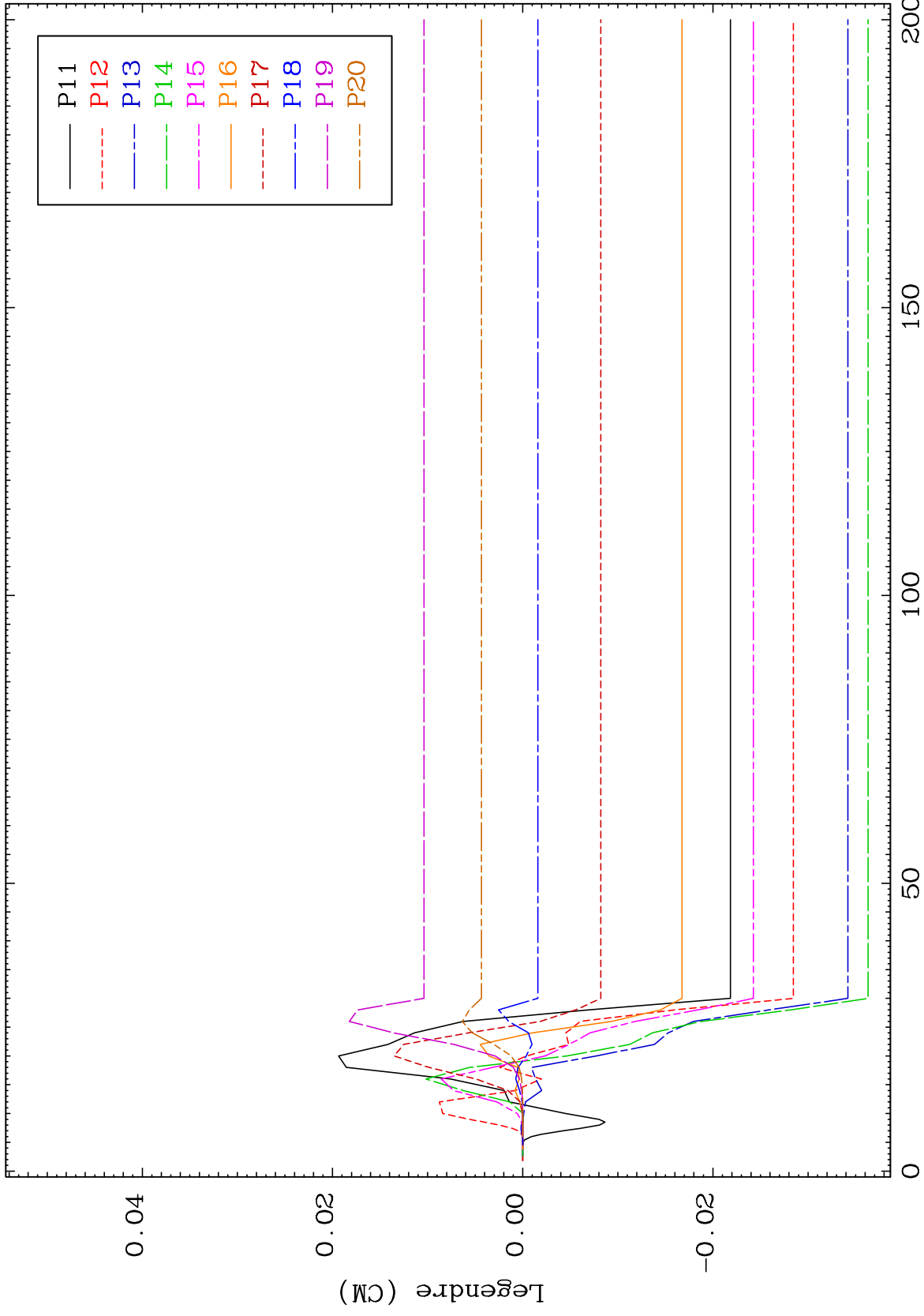


44

MAT 7931

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

79-Au-199



45

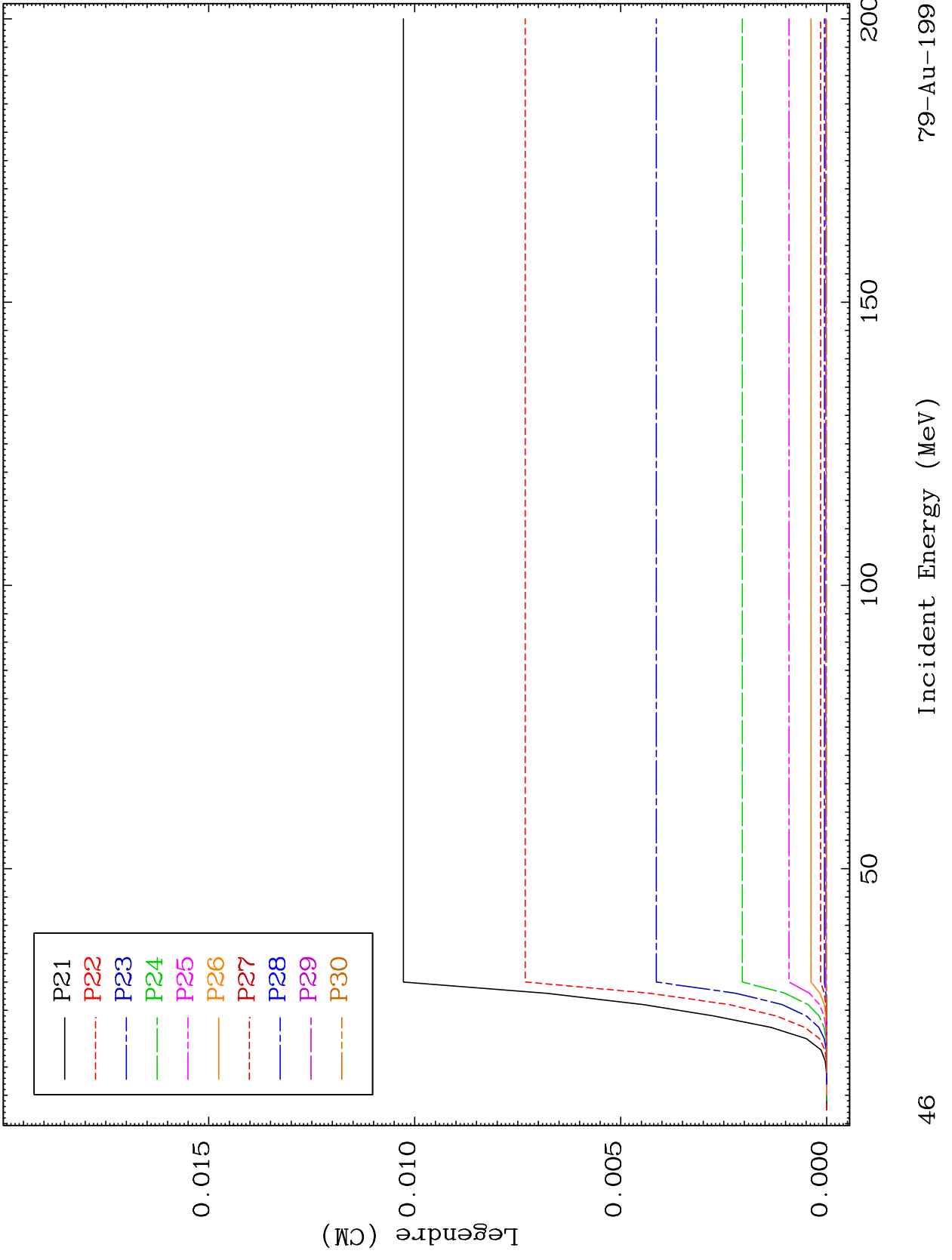
Incident Energy (MeV)

79-Au-199

MAT 7931

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

79-Au-199



46

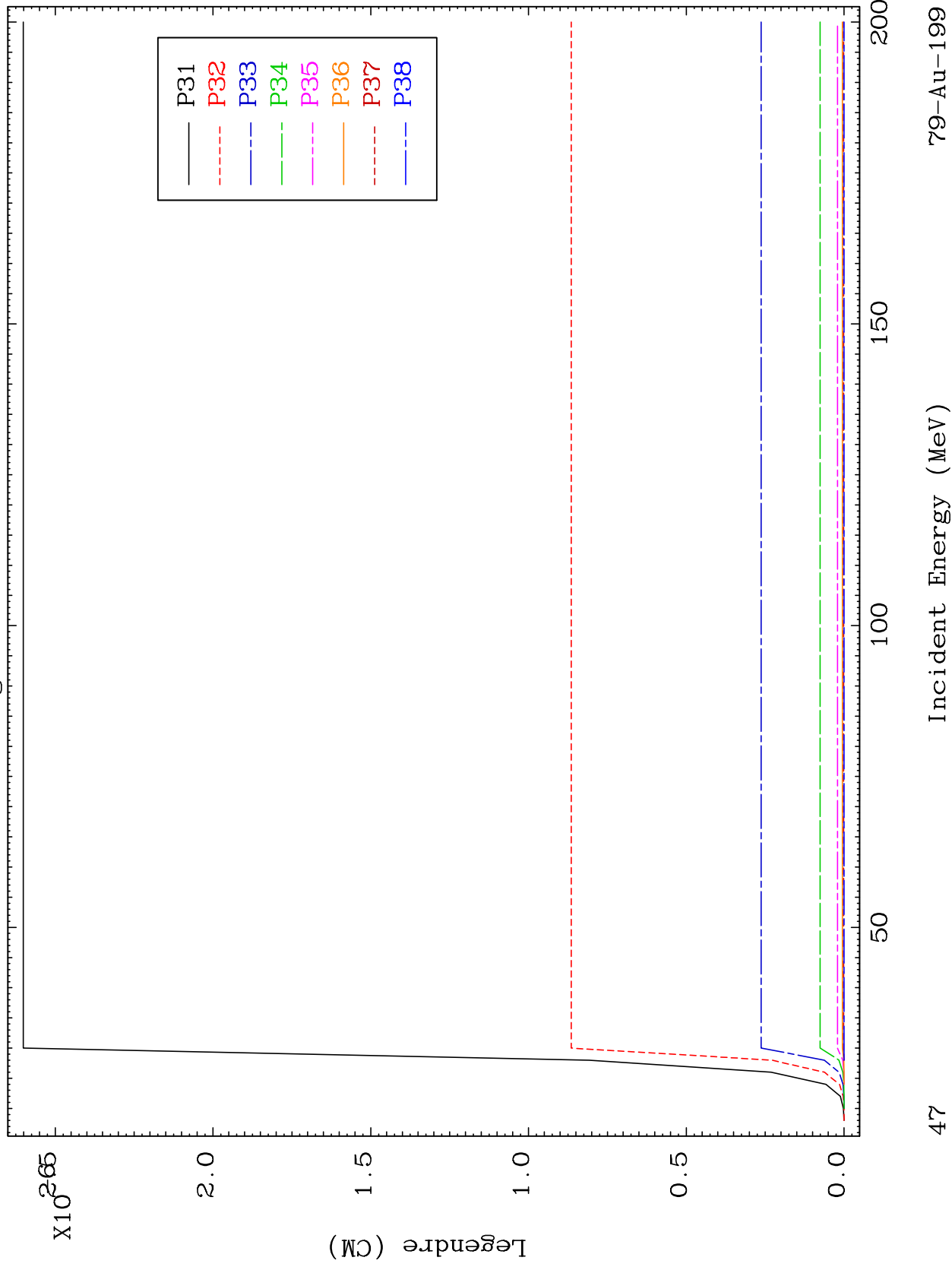
Incident Energy (MeV)

79-Au-199

MAT 7931

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

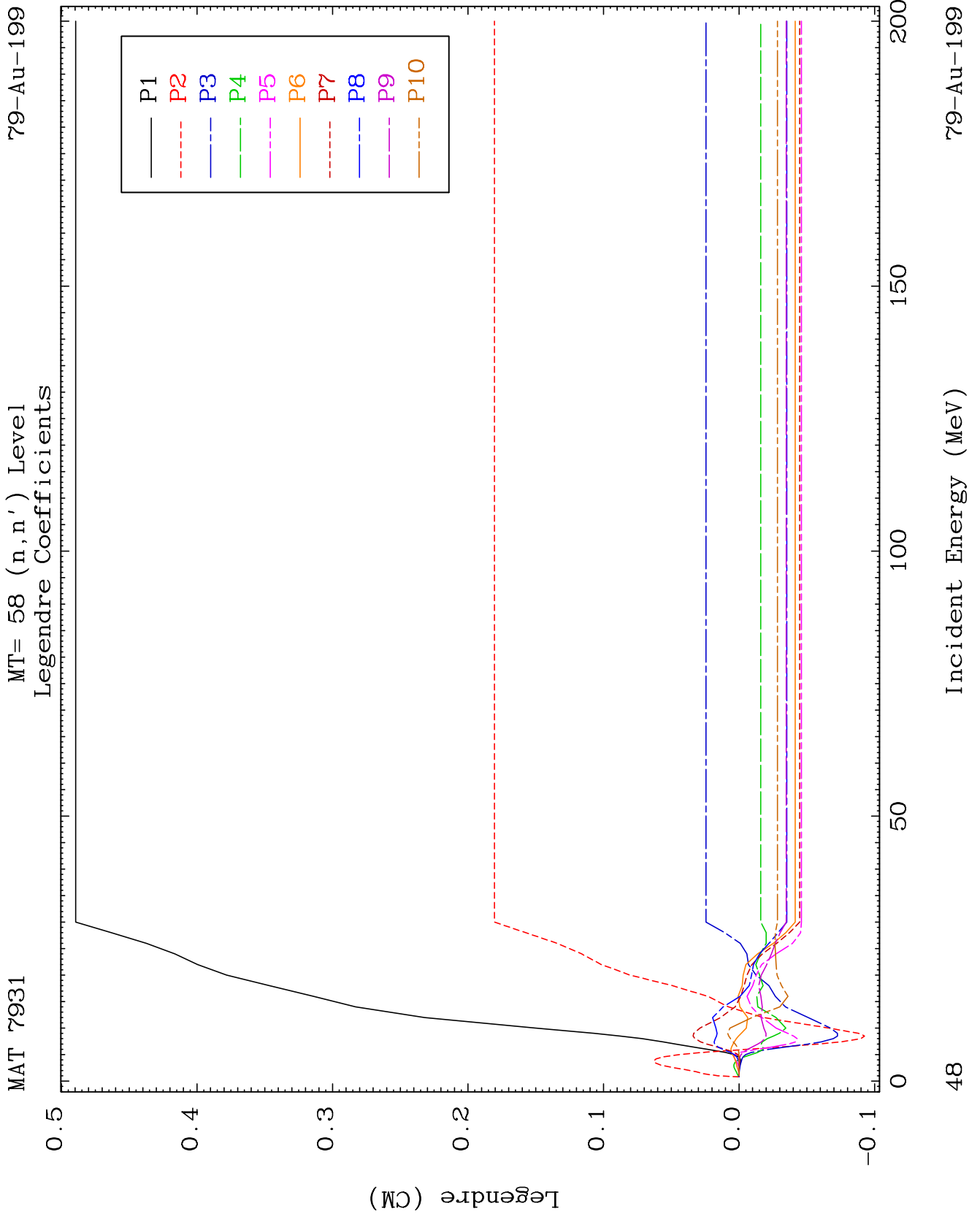
79-Au-199



47

Incident Energy (MeV)

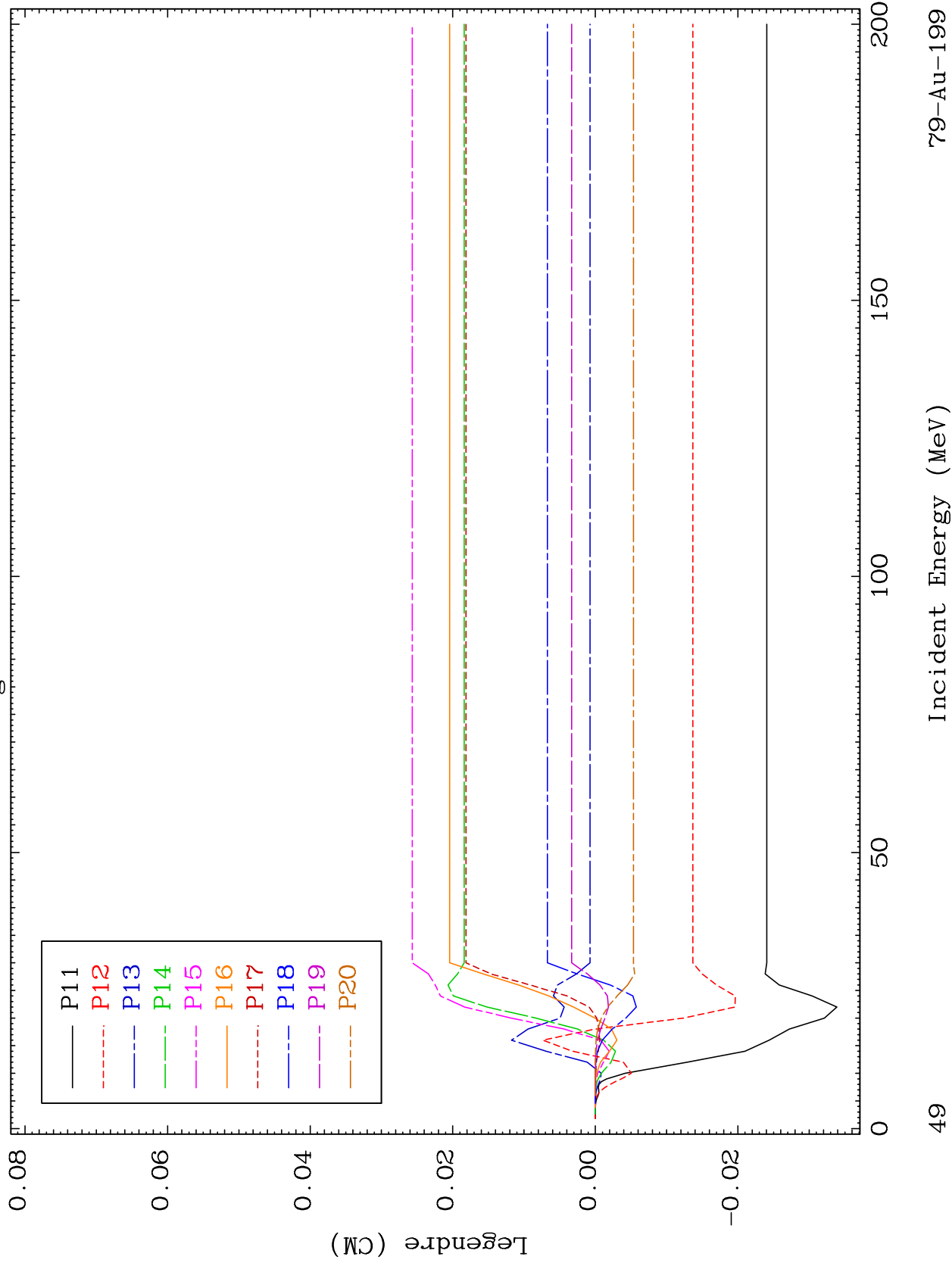
79-Au-199



MAT 7931

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

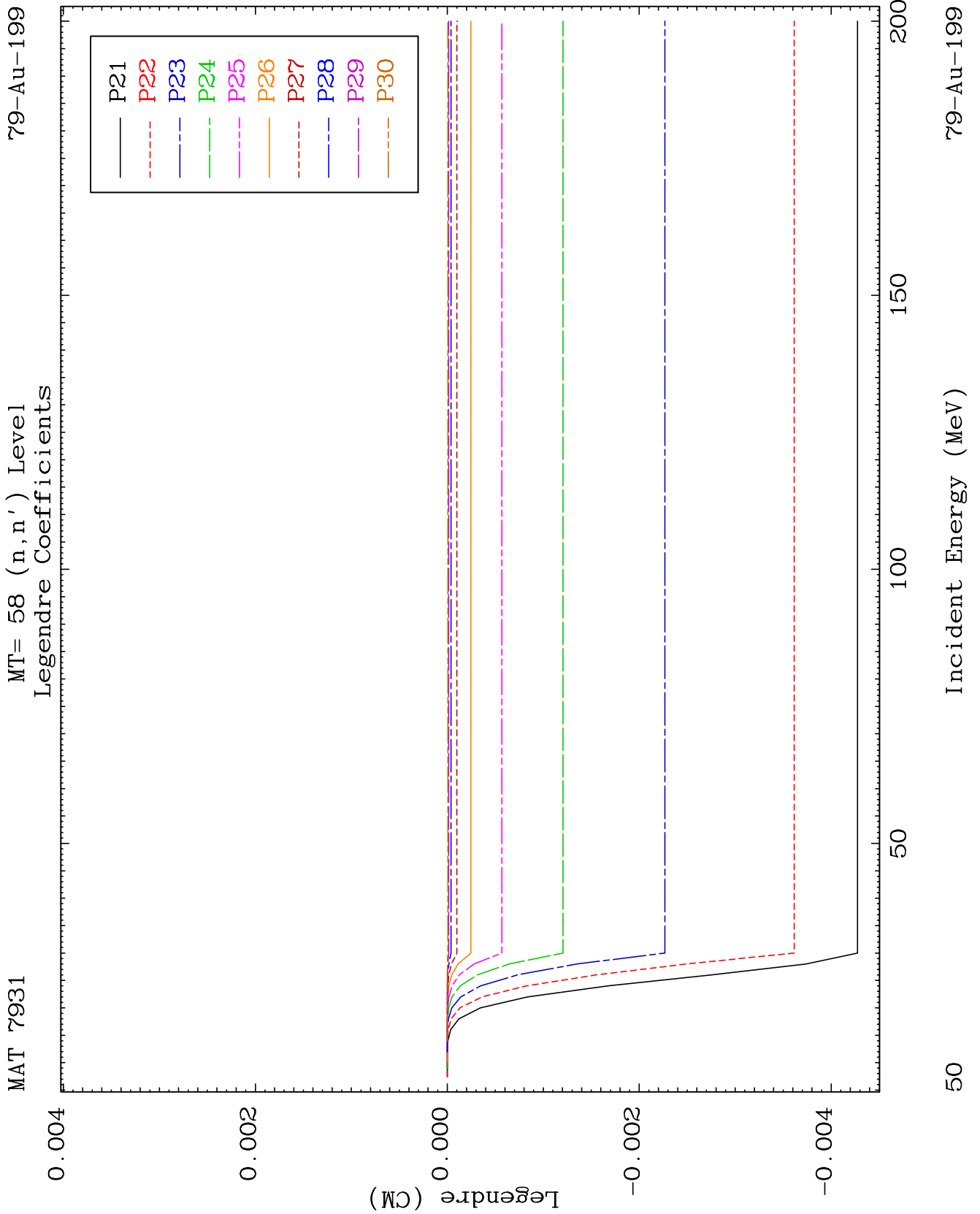
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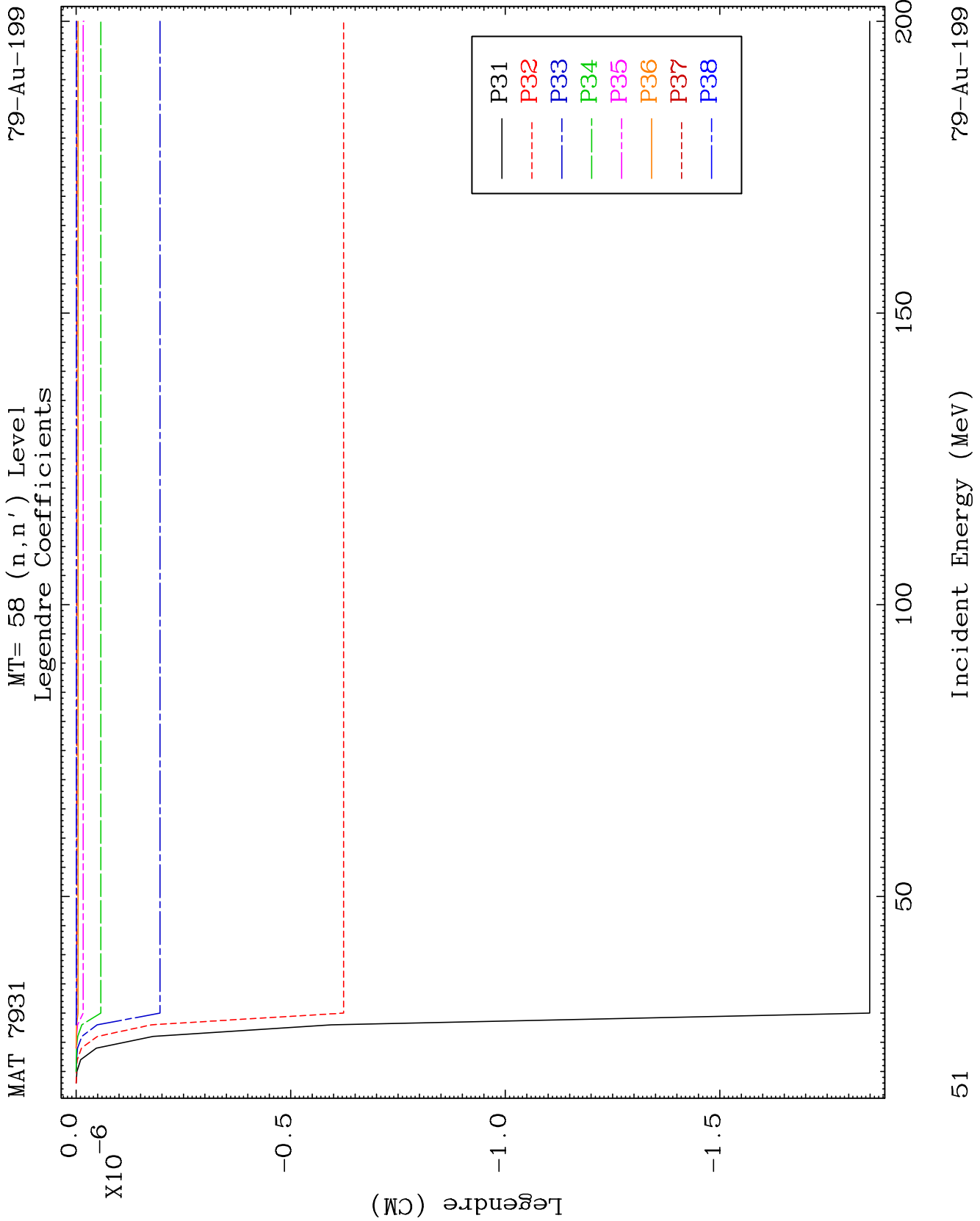


49

Incident Energy (MeV)

79-Au-199

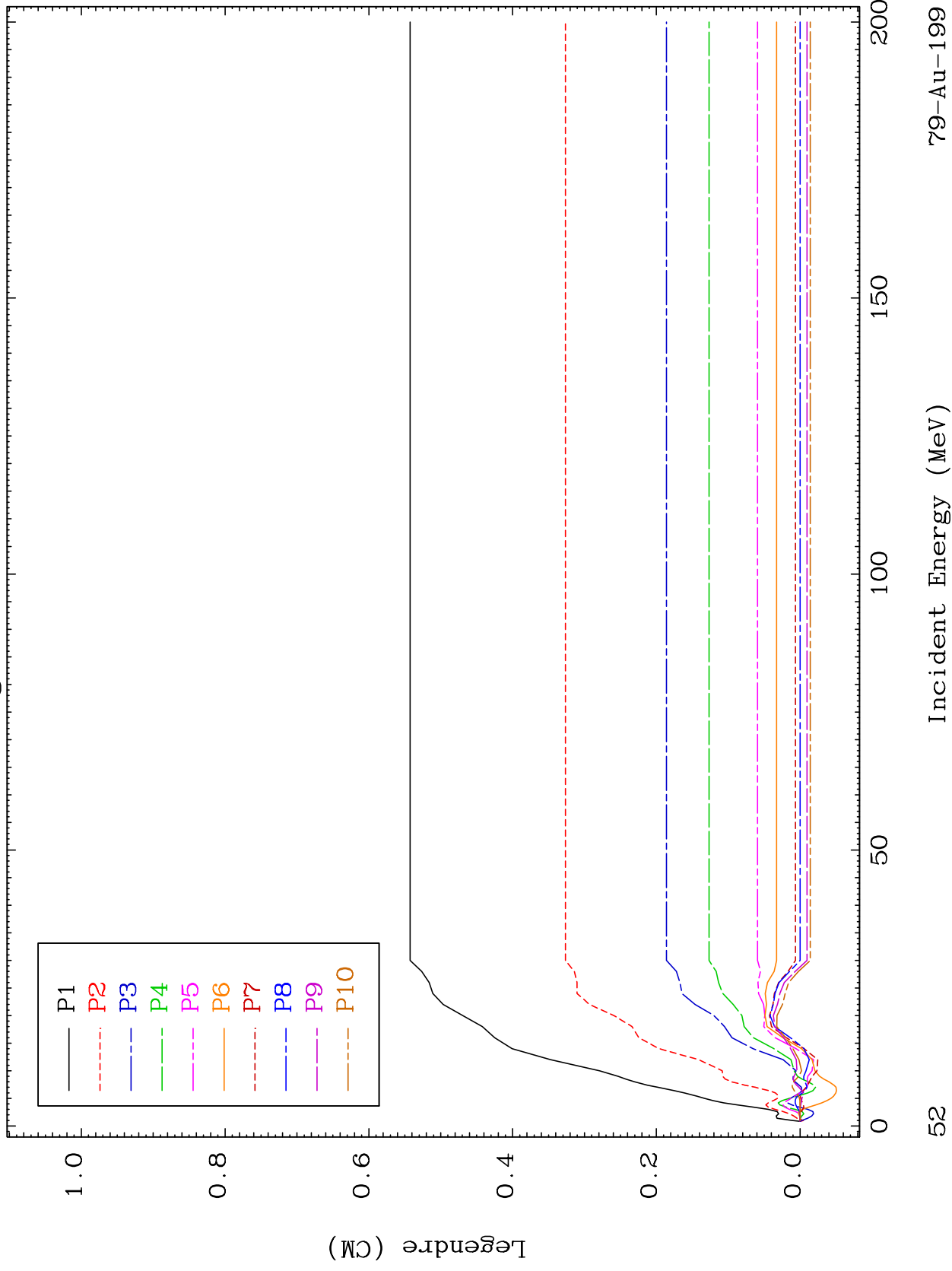




MAT 7931

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

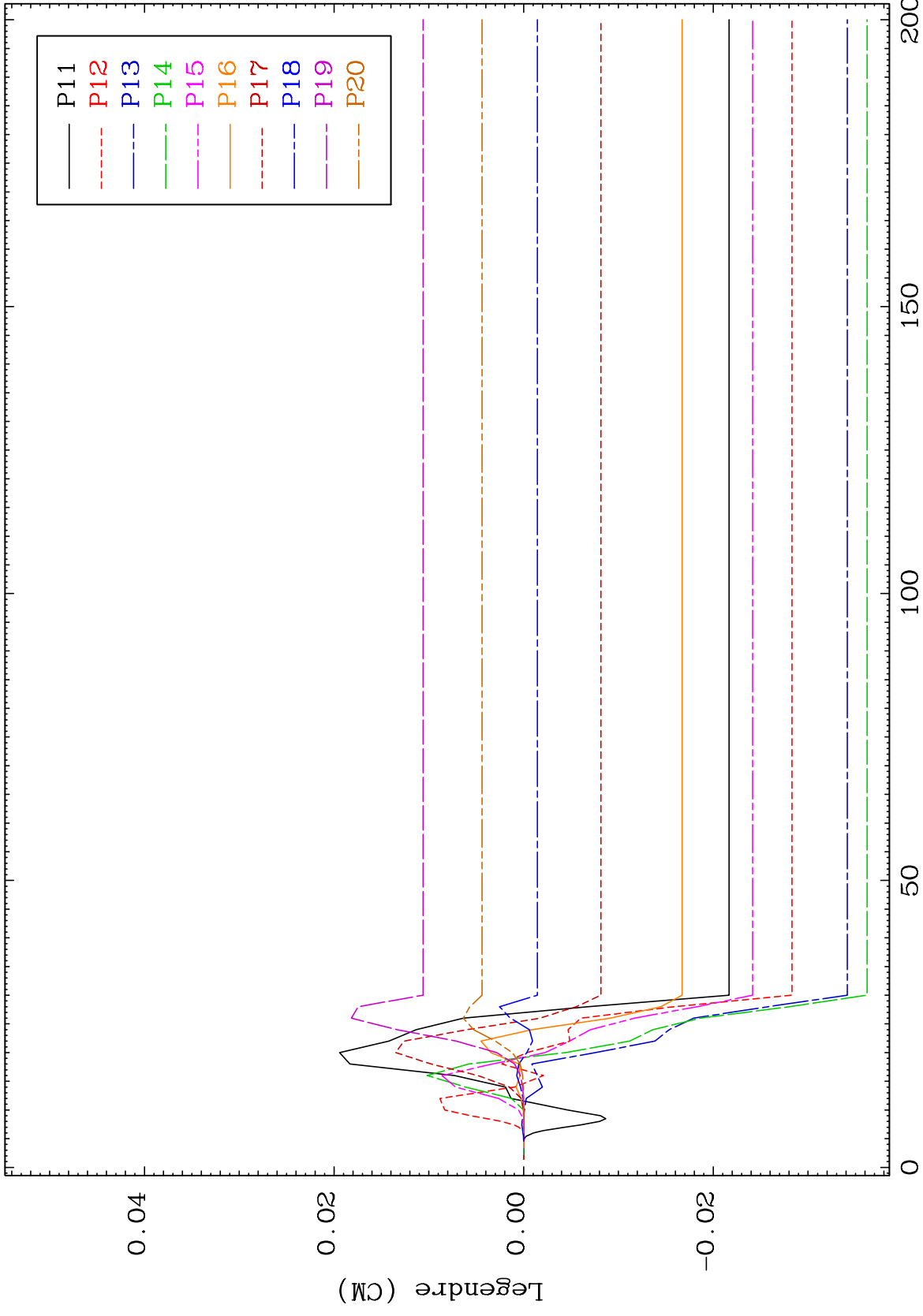
79-Au-199



MAT 7931

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

79-Au-199



53

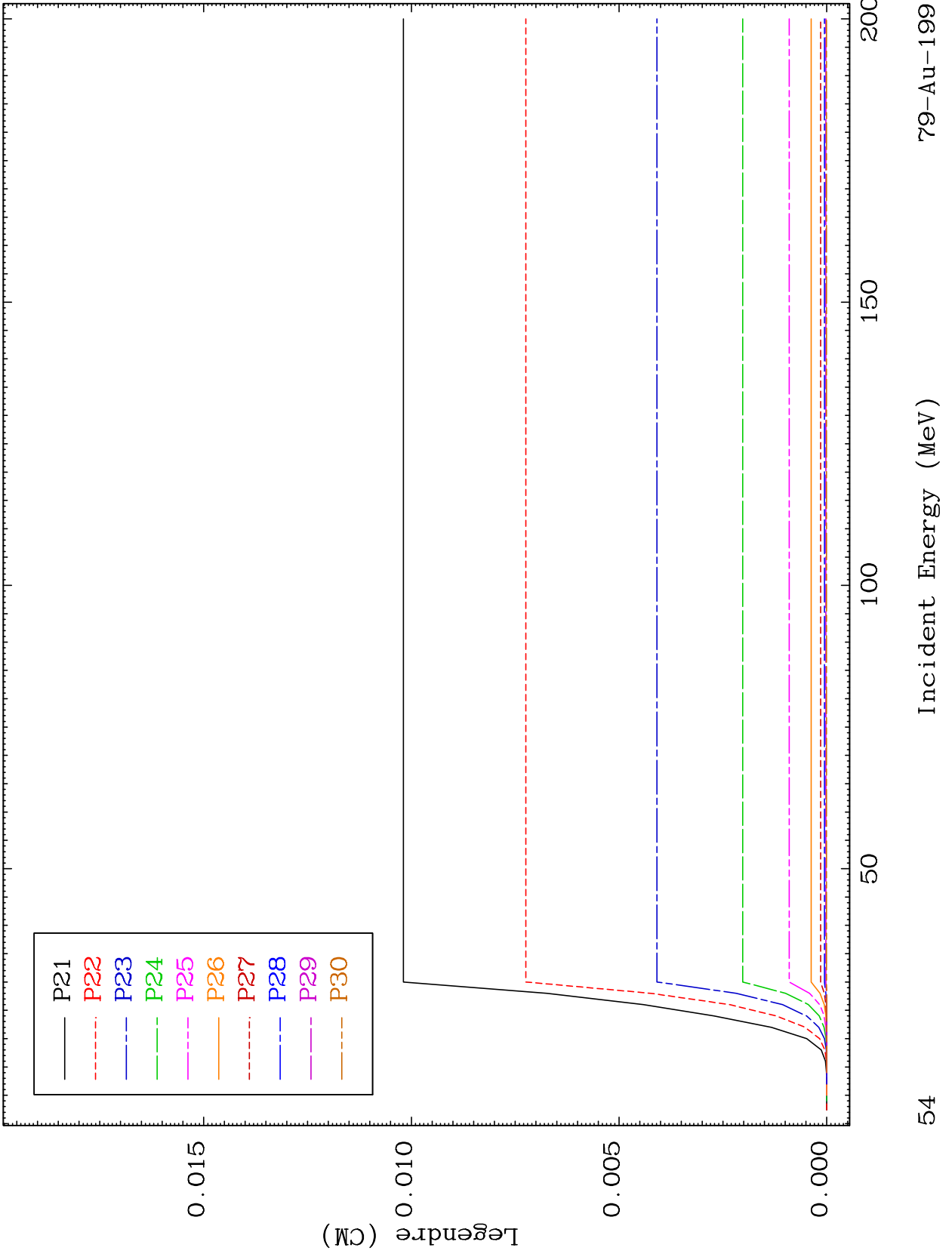
Incident Energy (MeV)

79-Au-199

MAT 7931

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

79-Au-199



54

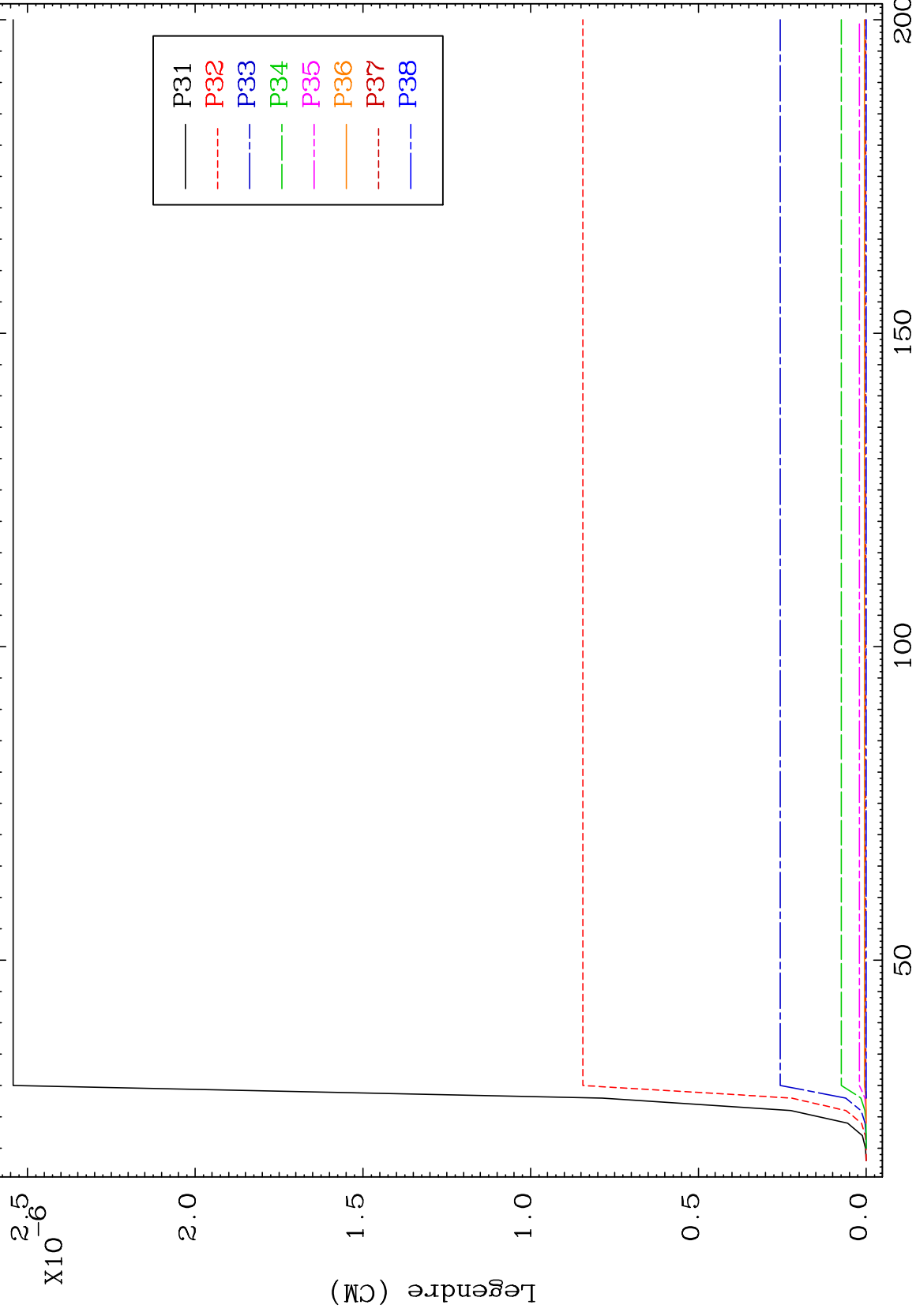
Incident Energy (MeV)

79-Au-199

MAT 7931

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

79-Au-199



55

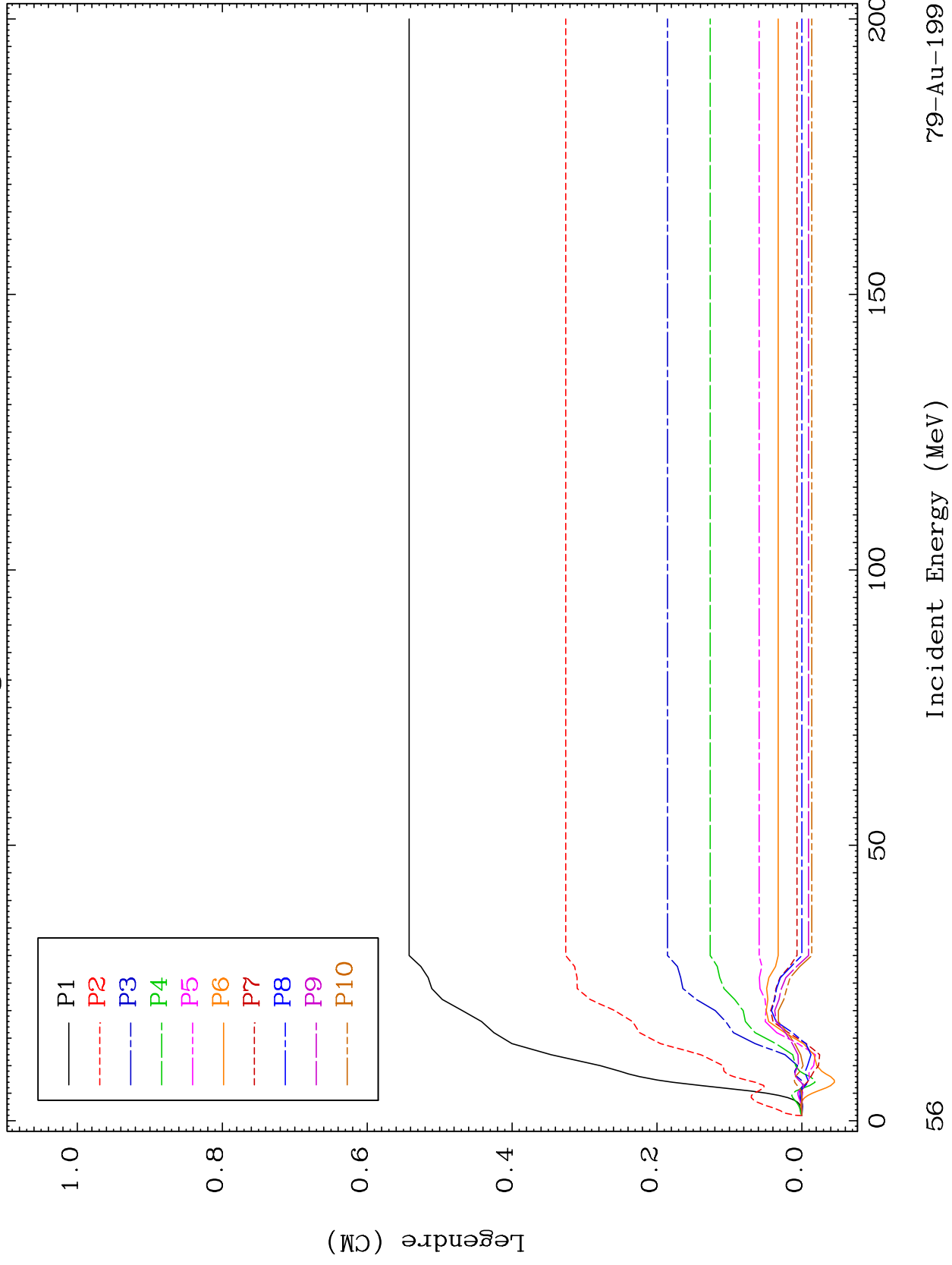
Incident Energy (MeV)

79-Au-199

MAT 7931

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

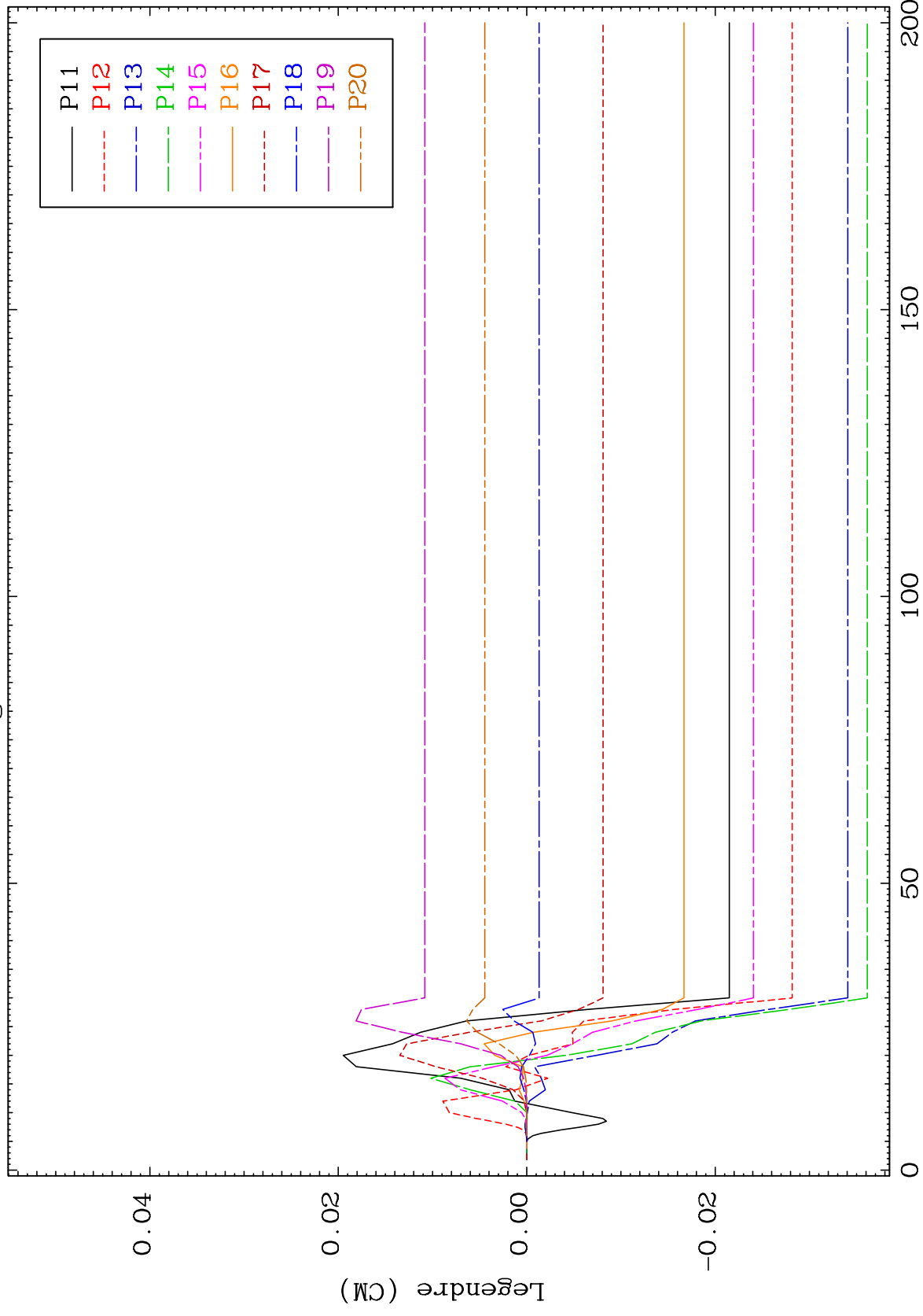
79-Au-199



MAT 7931

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

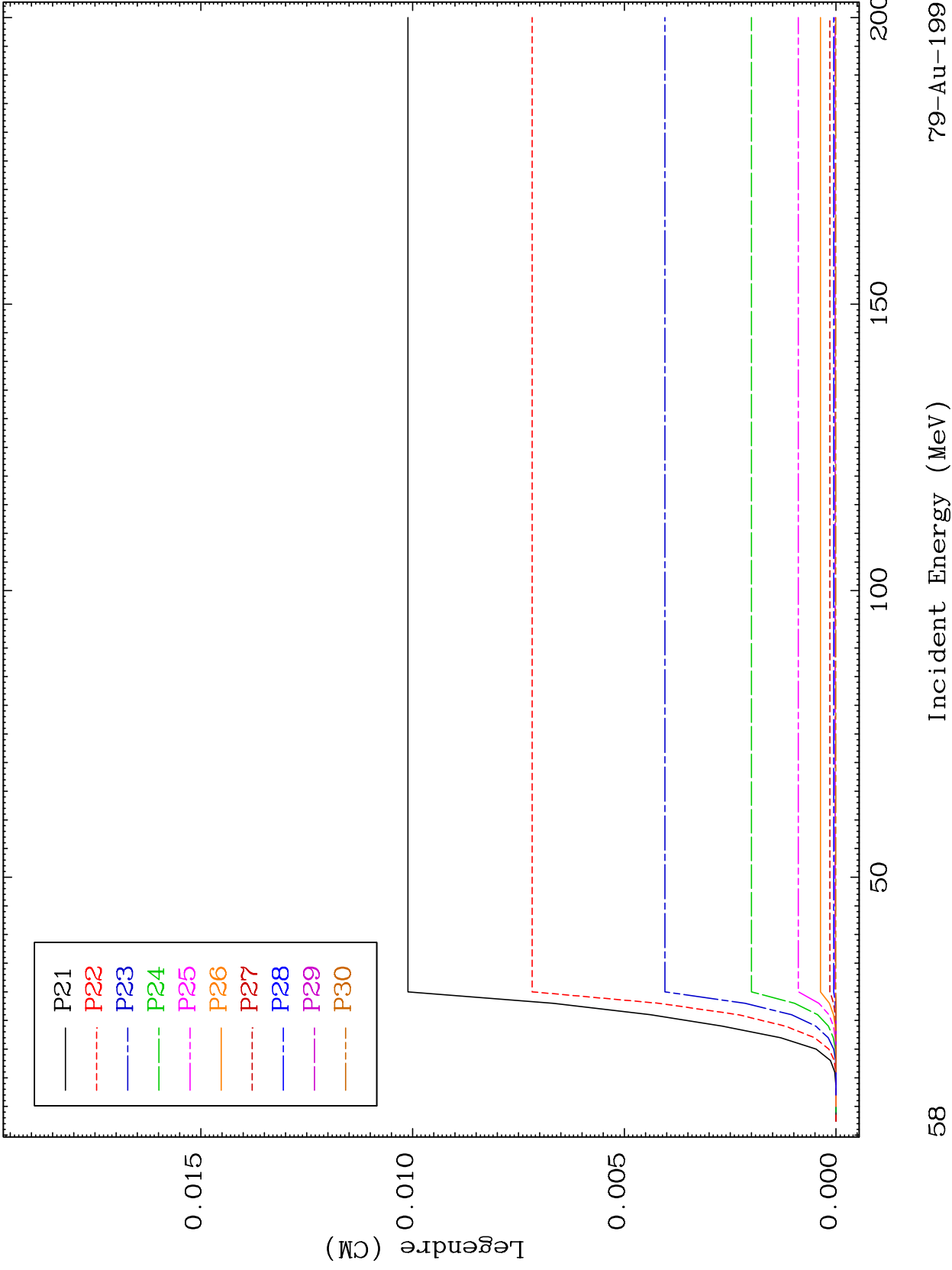
79-Au-199



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Incident Energy (MeV)

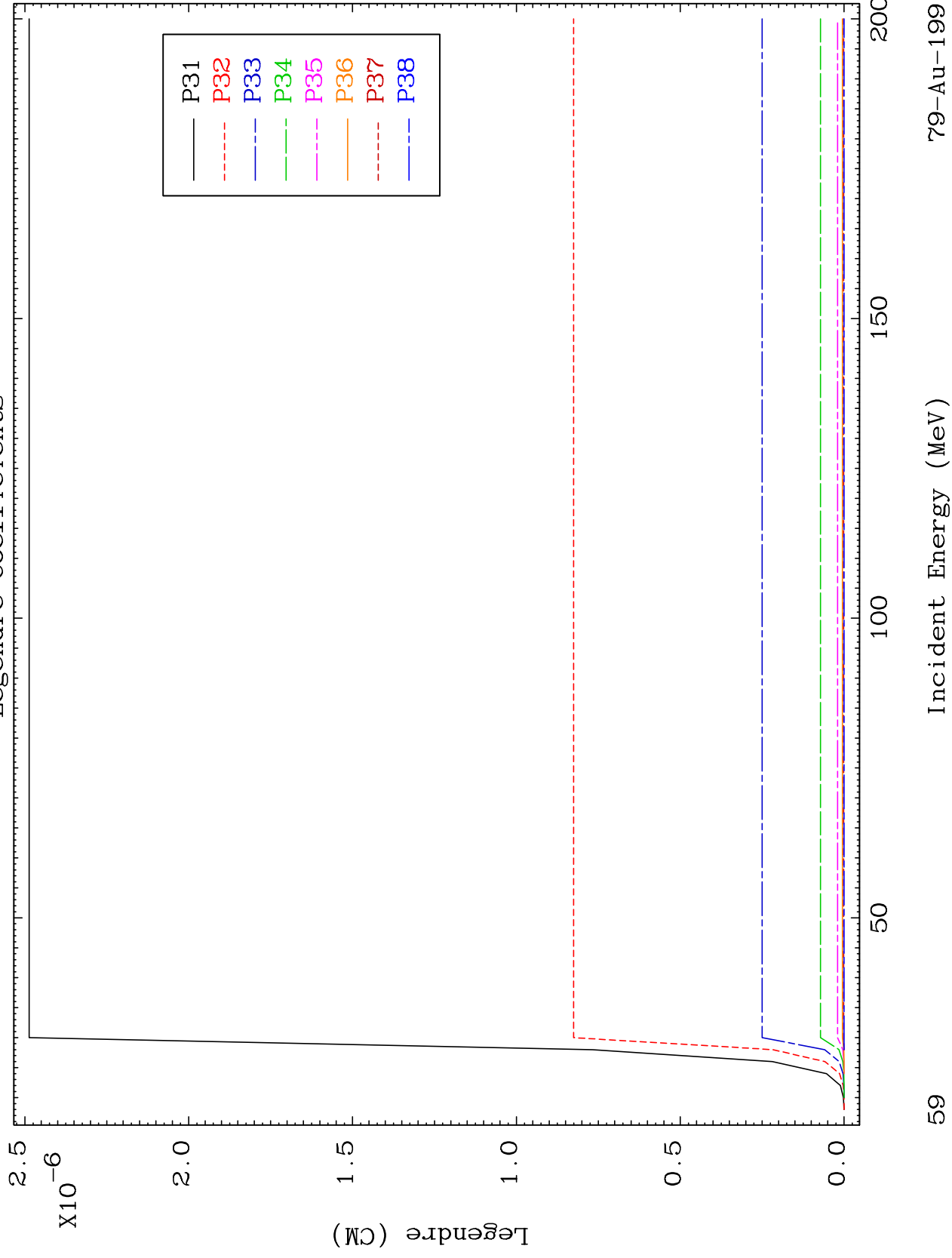
79-Au-199



MAT 7931

79-Au-199

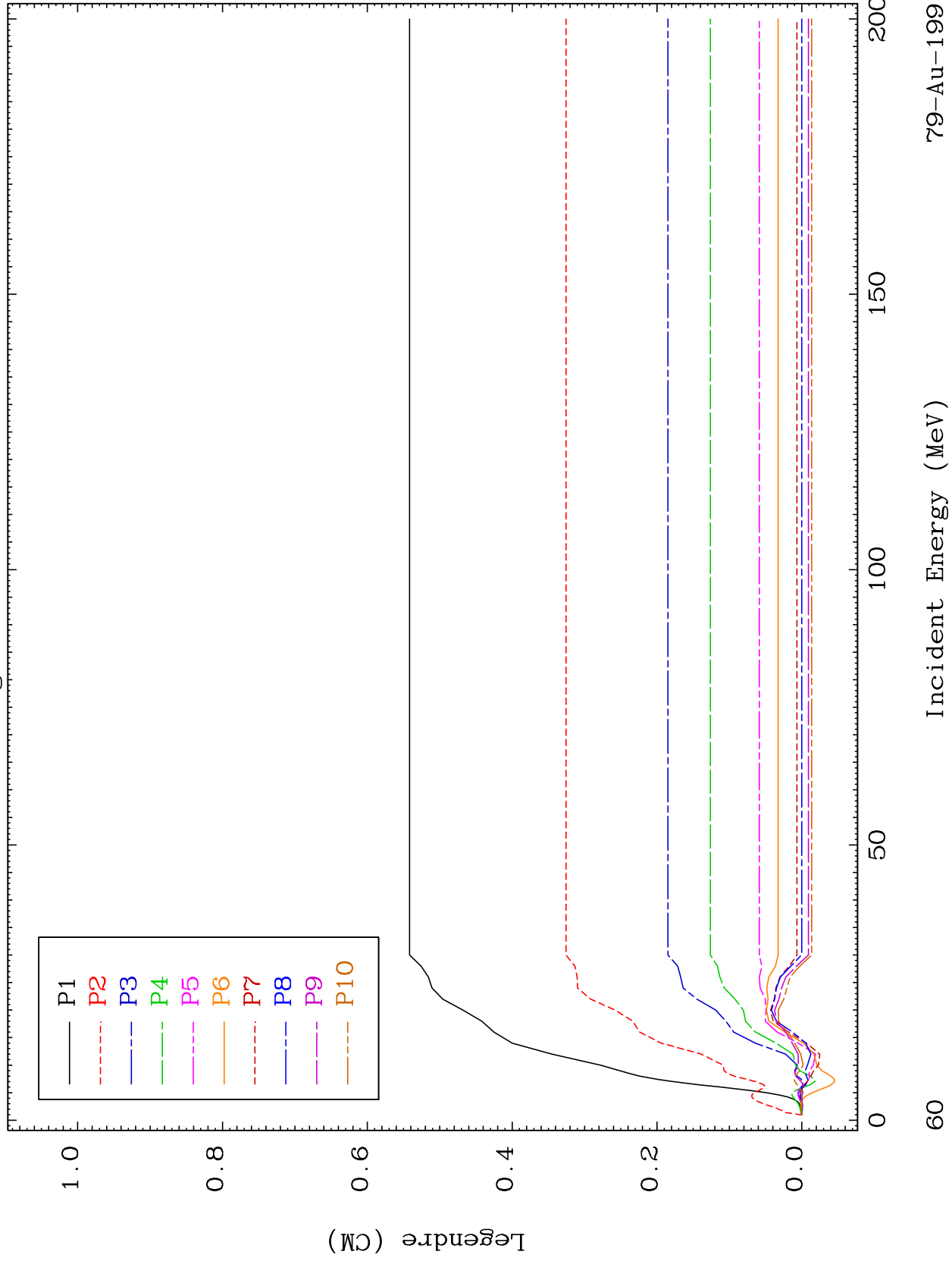
MT= 60 (n,n') Level
Legendre Coefficients



MAT 7931

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

79-Au-199



79-Au-199

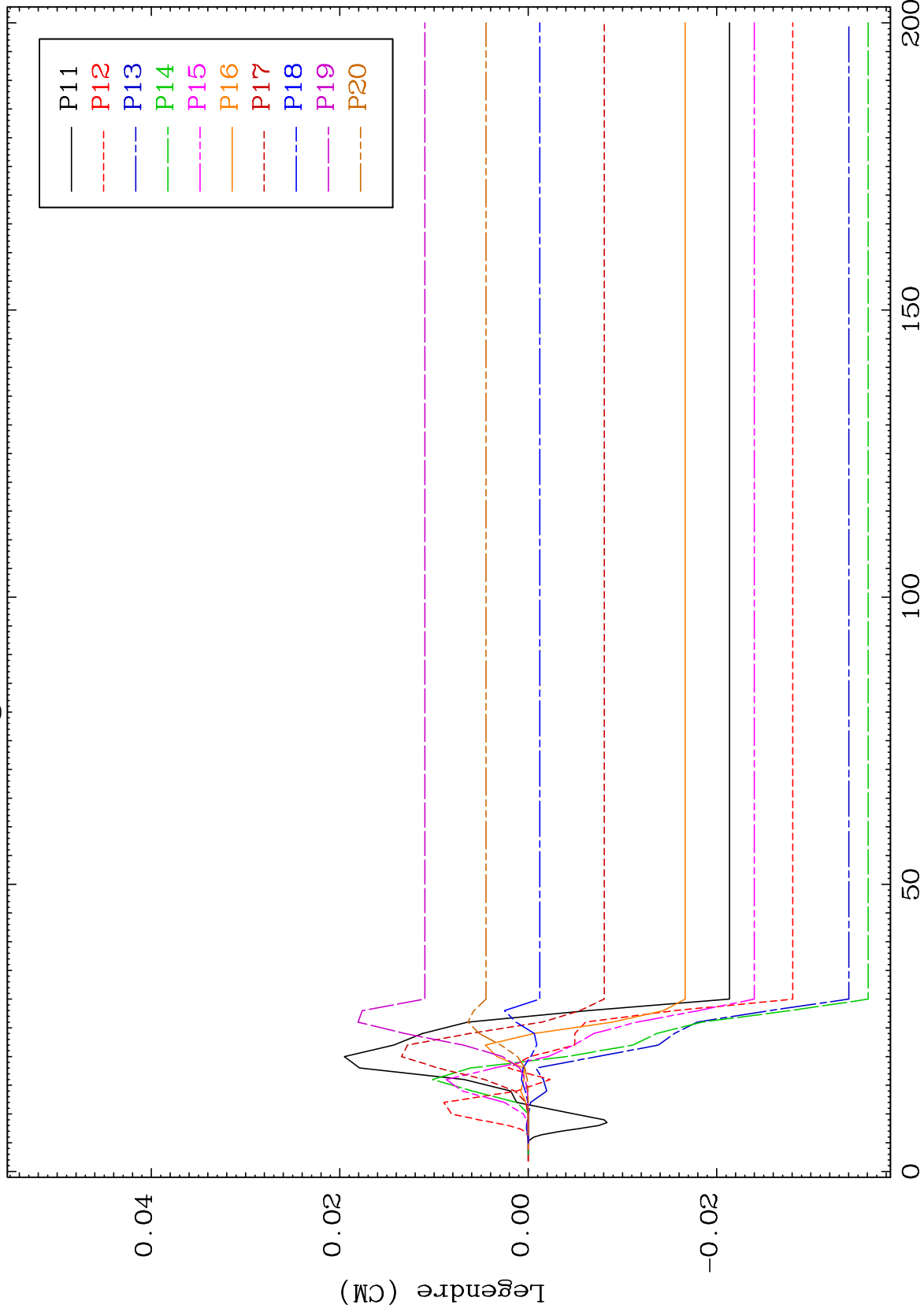
Incident Energy (MeV)

60

MAT 7931

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

79-Au-199



61

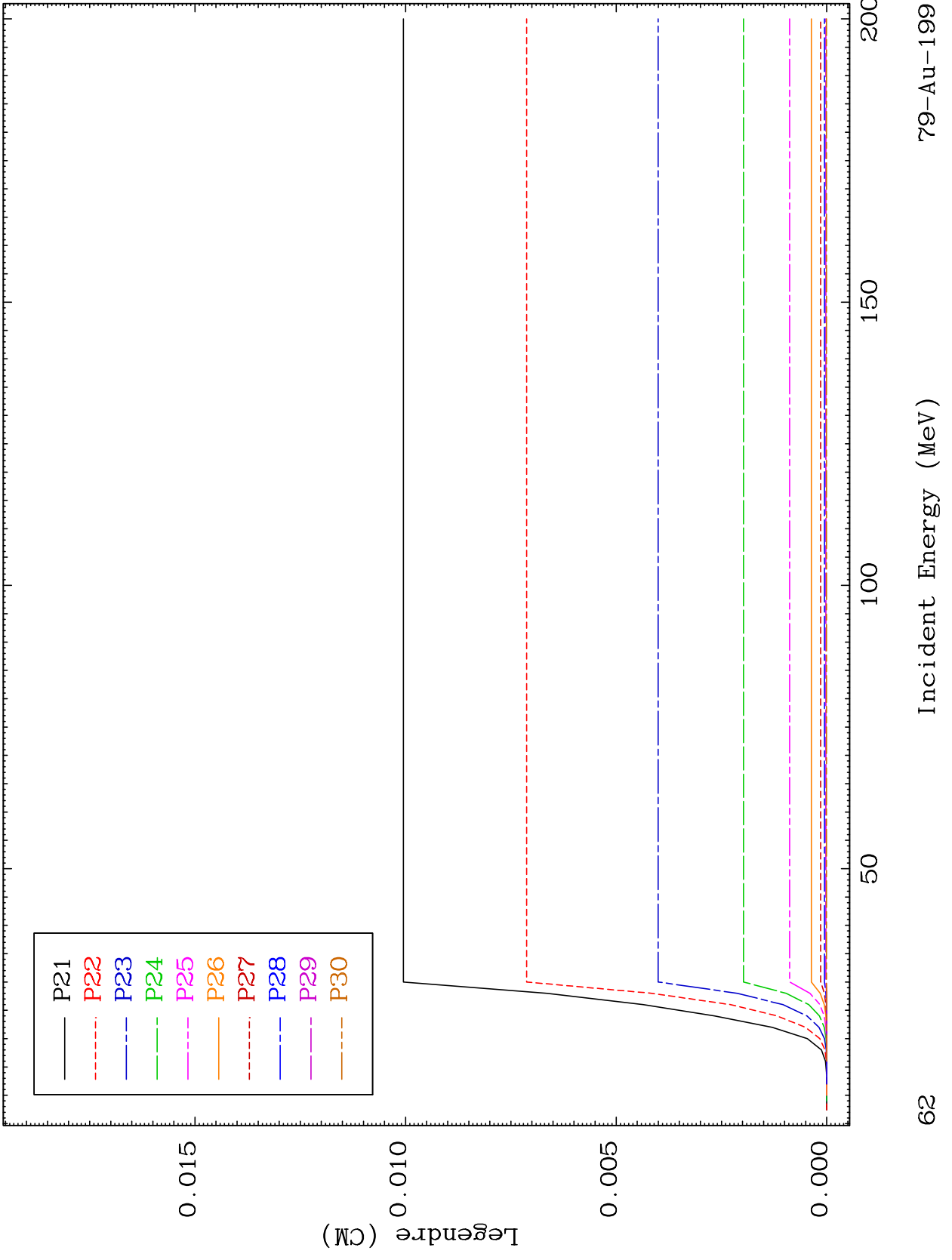
Incident Energy (MeV)

79-Au-199

MAT 7931

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

79-Au-199



62

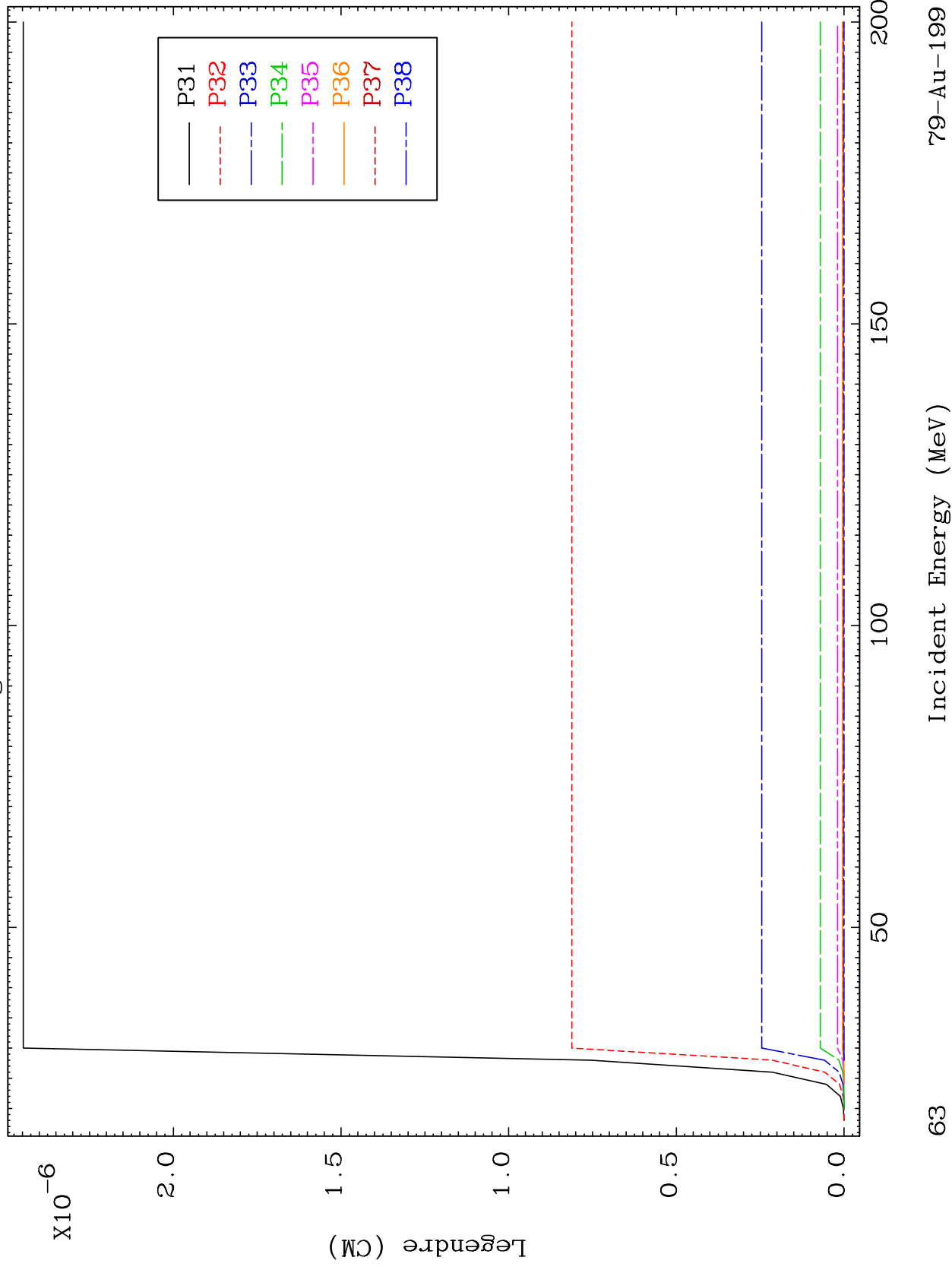
Incident Energy (MeV)

79-Au-199

MAT 7931

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

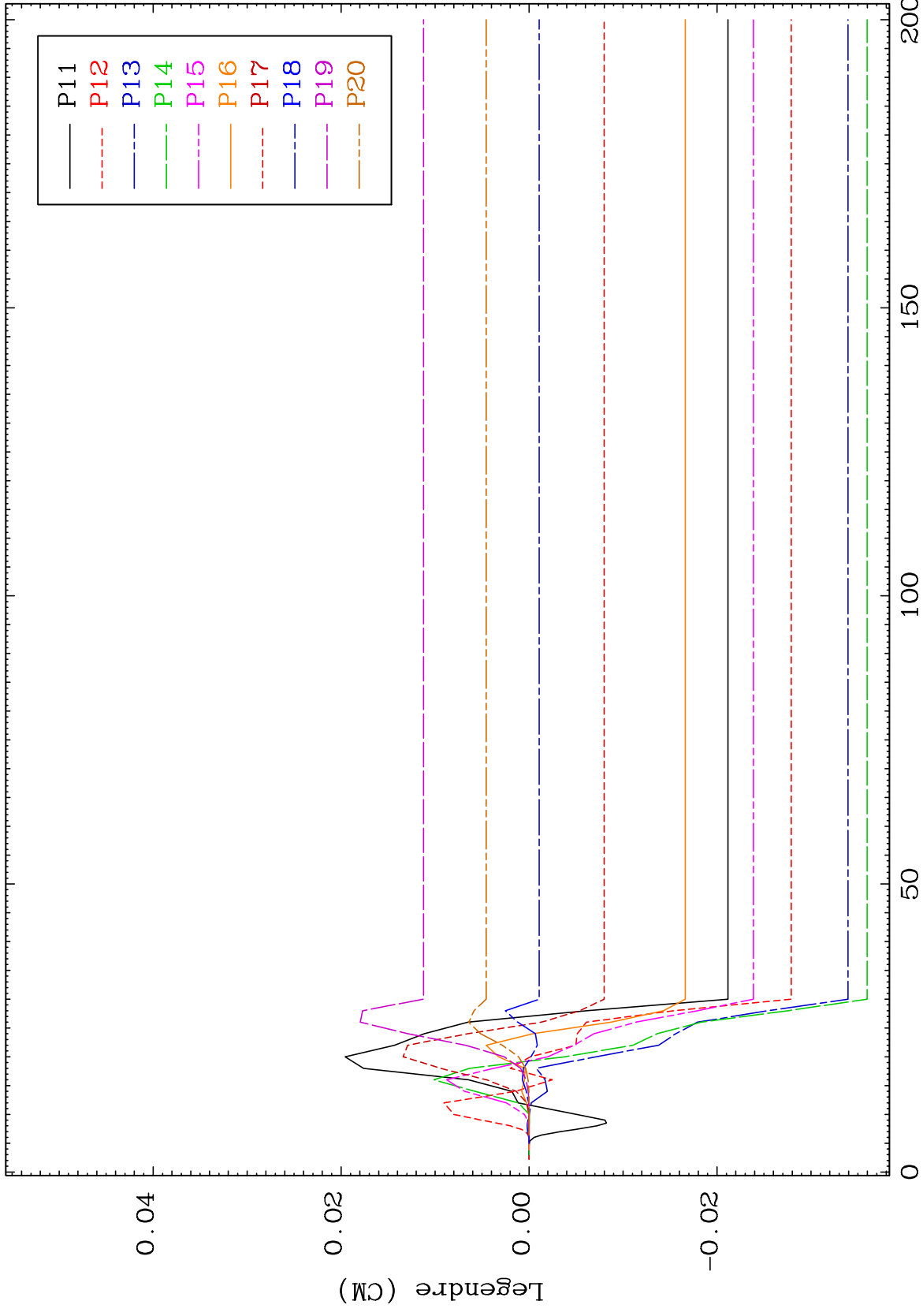
79-Au-199



MAT 7931

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

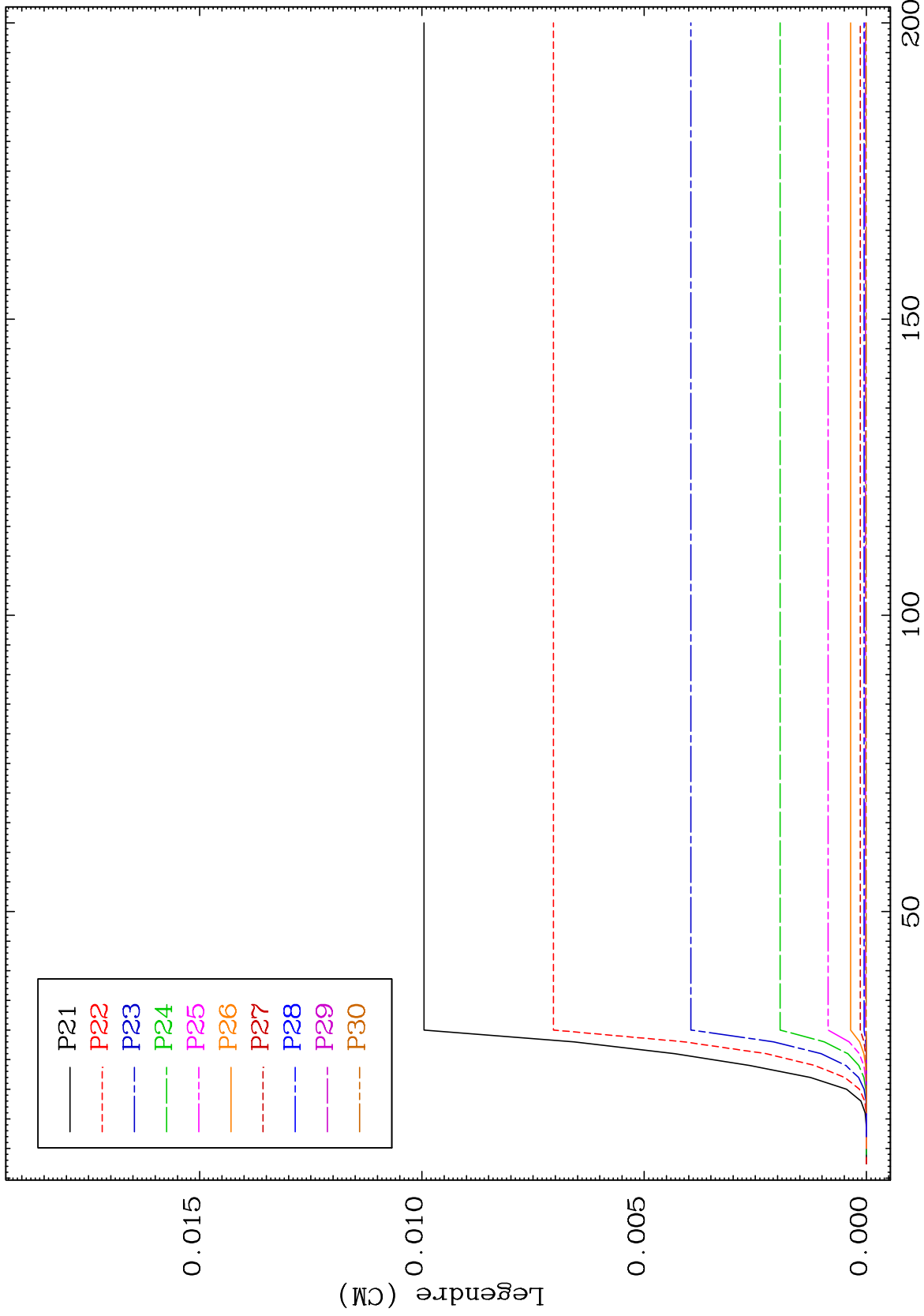
79-Au-199



65

Incident Energy (MeV)

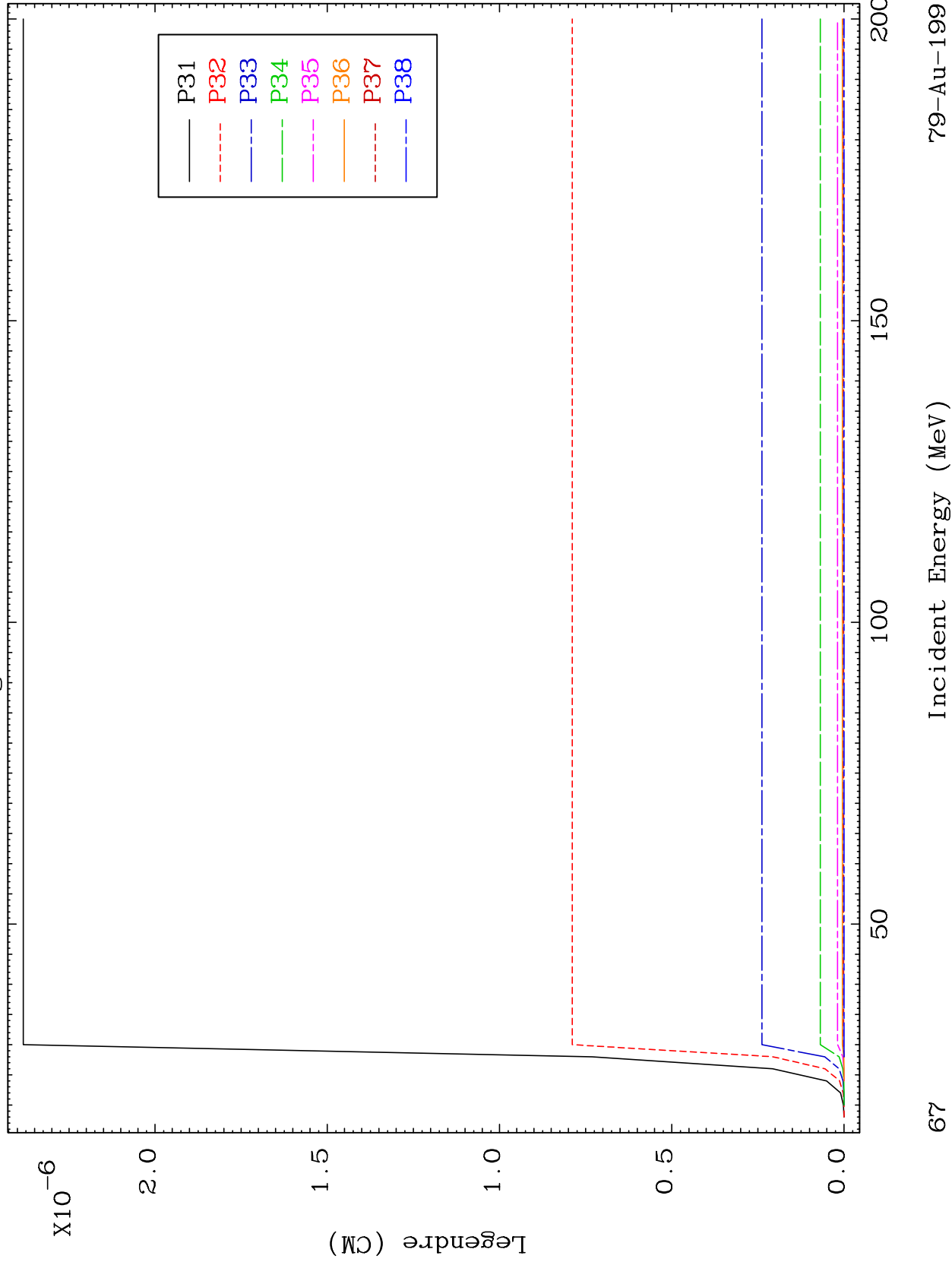
79-Au-199



MAT 7931

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

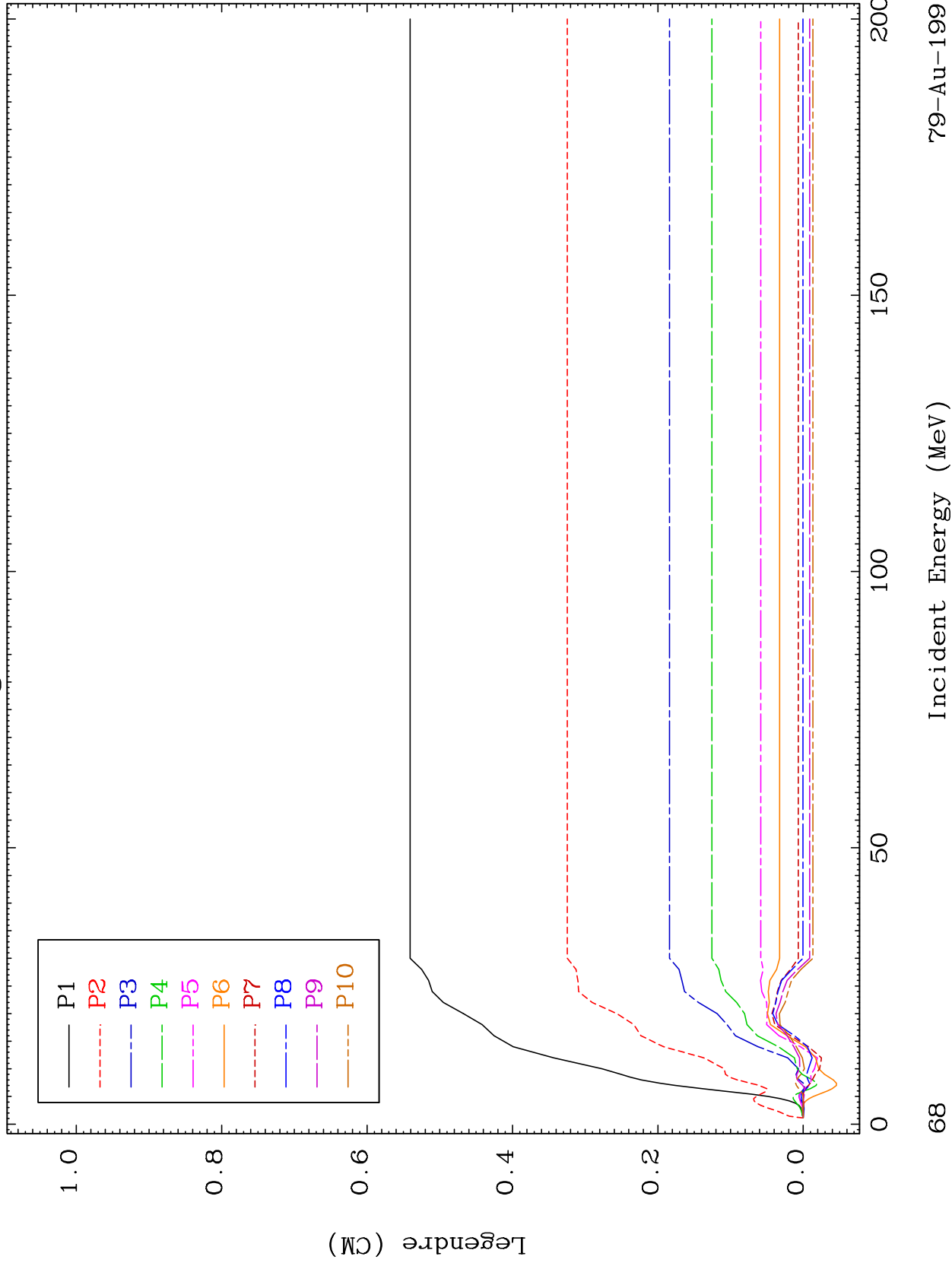
79-Au-199



MAT 7931

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

79-Au-199



68

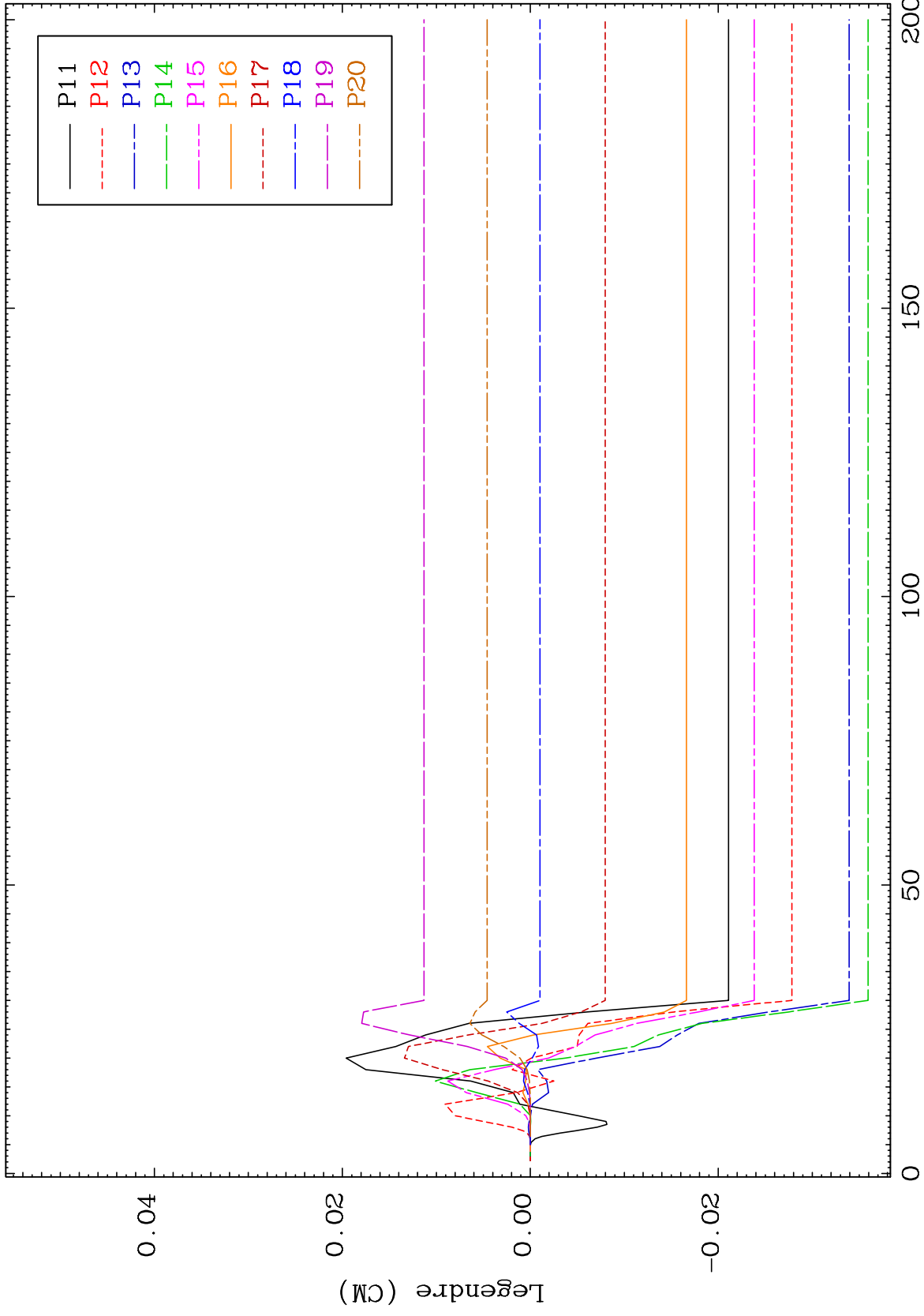
Incident Energy (MeV)

79-Au-199

MAT 7931

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

79-Au-199



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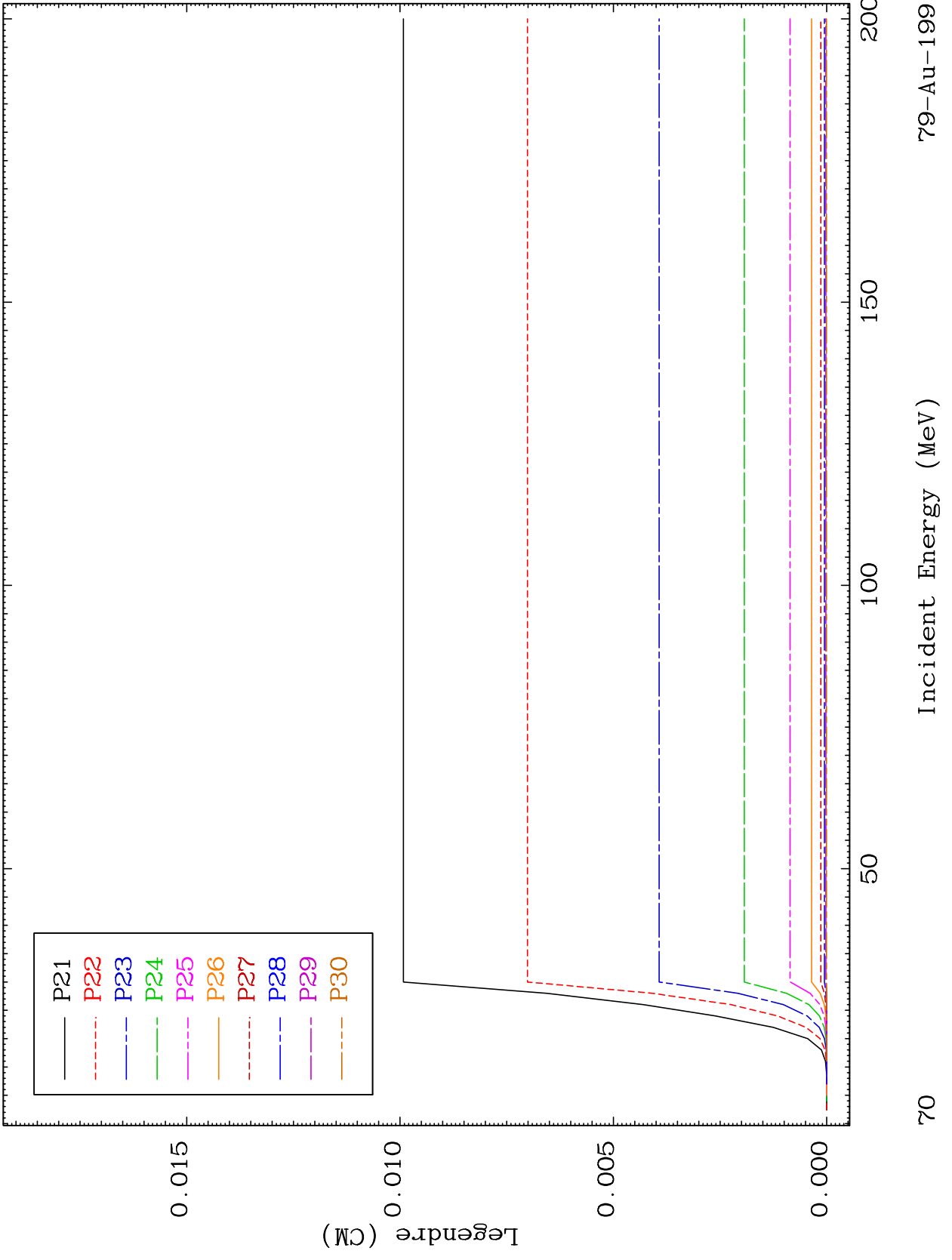
Incident Energy (MeV)

79-Au-199

MAT 7931

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

79-Au-199



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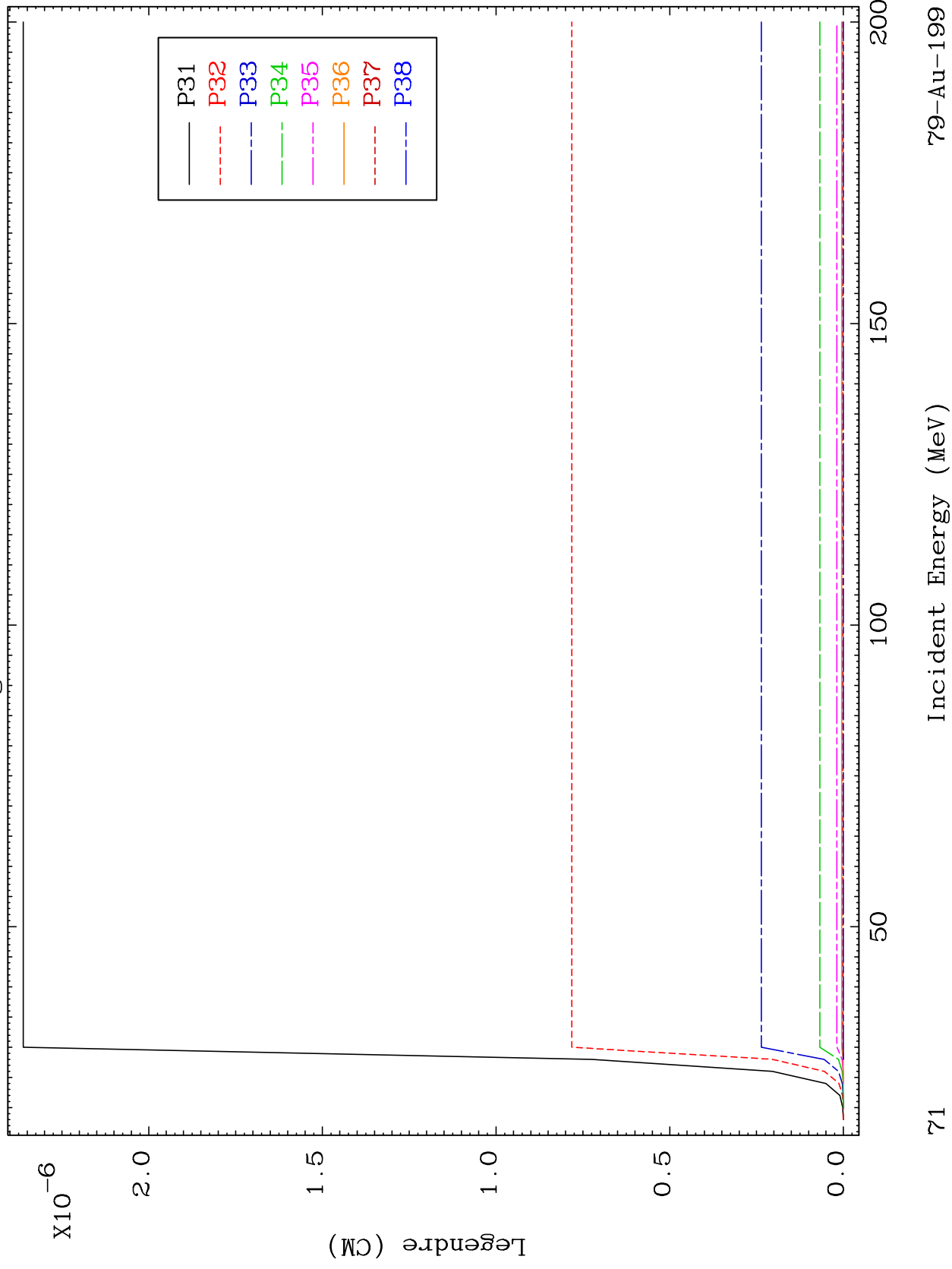
Incident Energy (MeV)

79-Au-199

MAT 7931

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

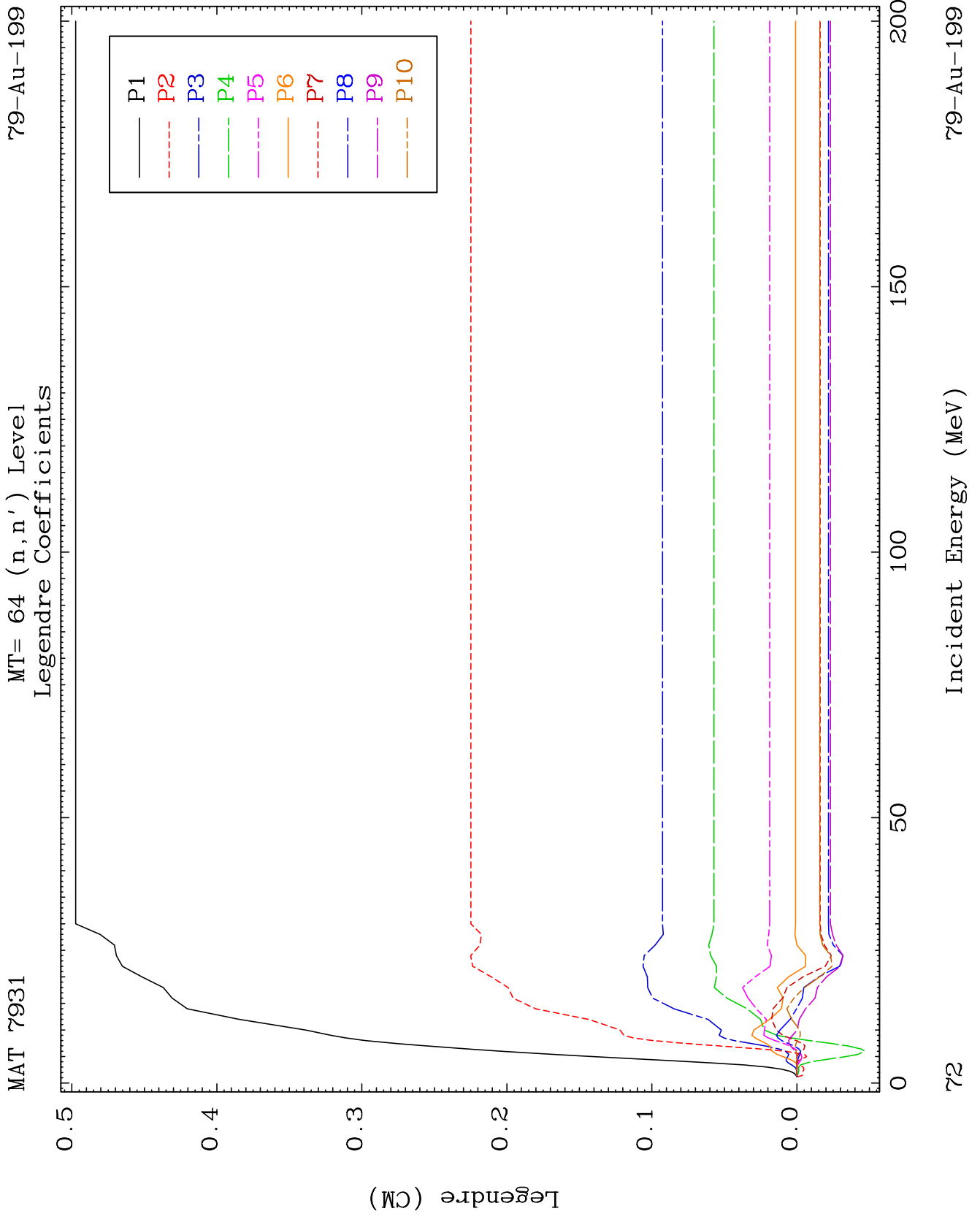
79-Au-199



71

Incident Energy (MeV)

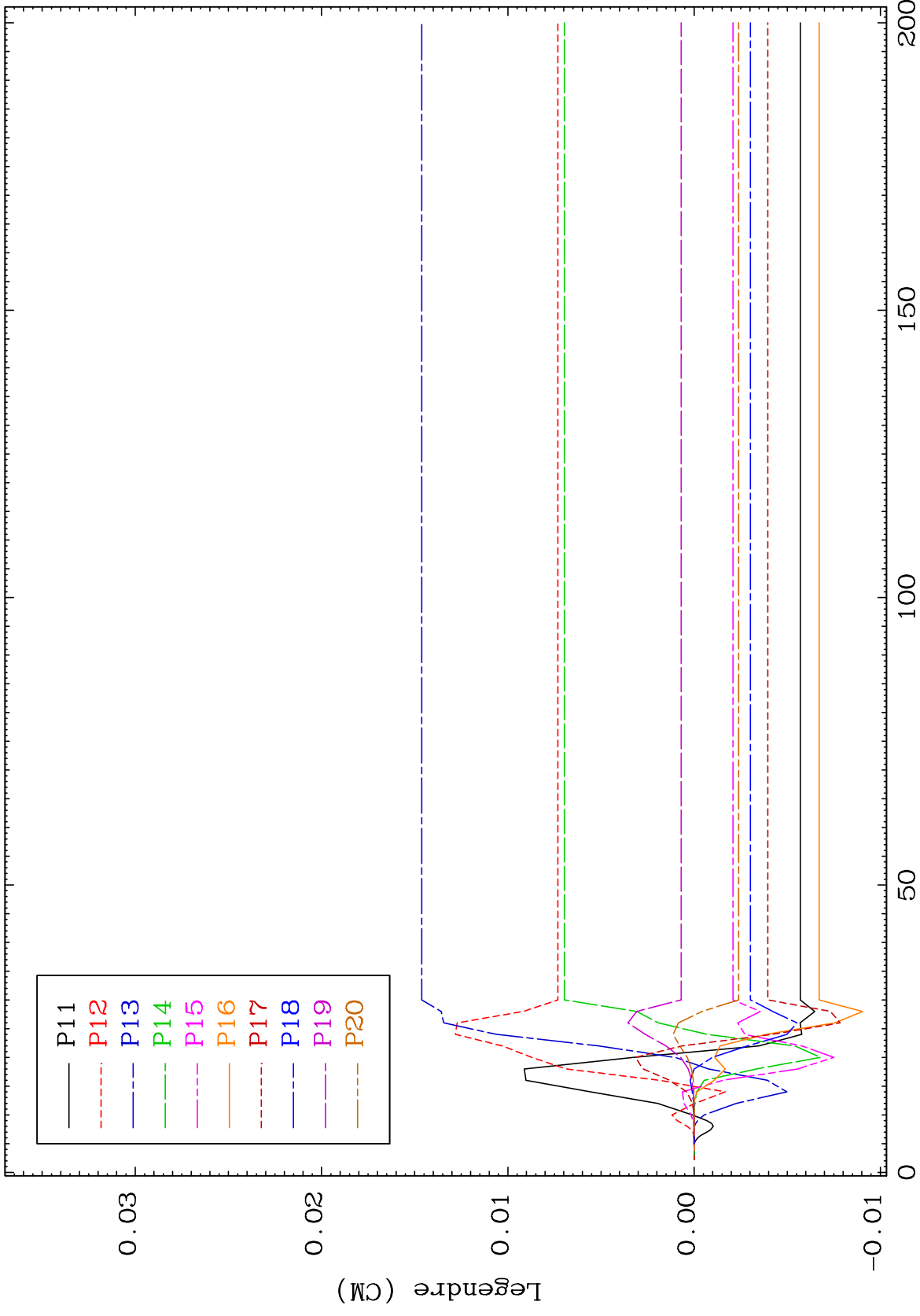
79-Au-199



MAT 7931

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

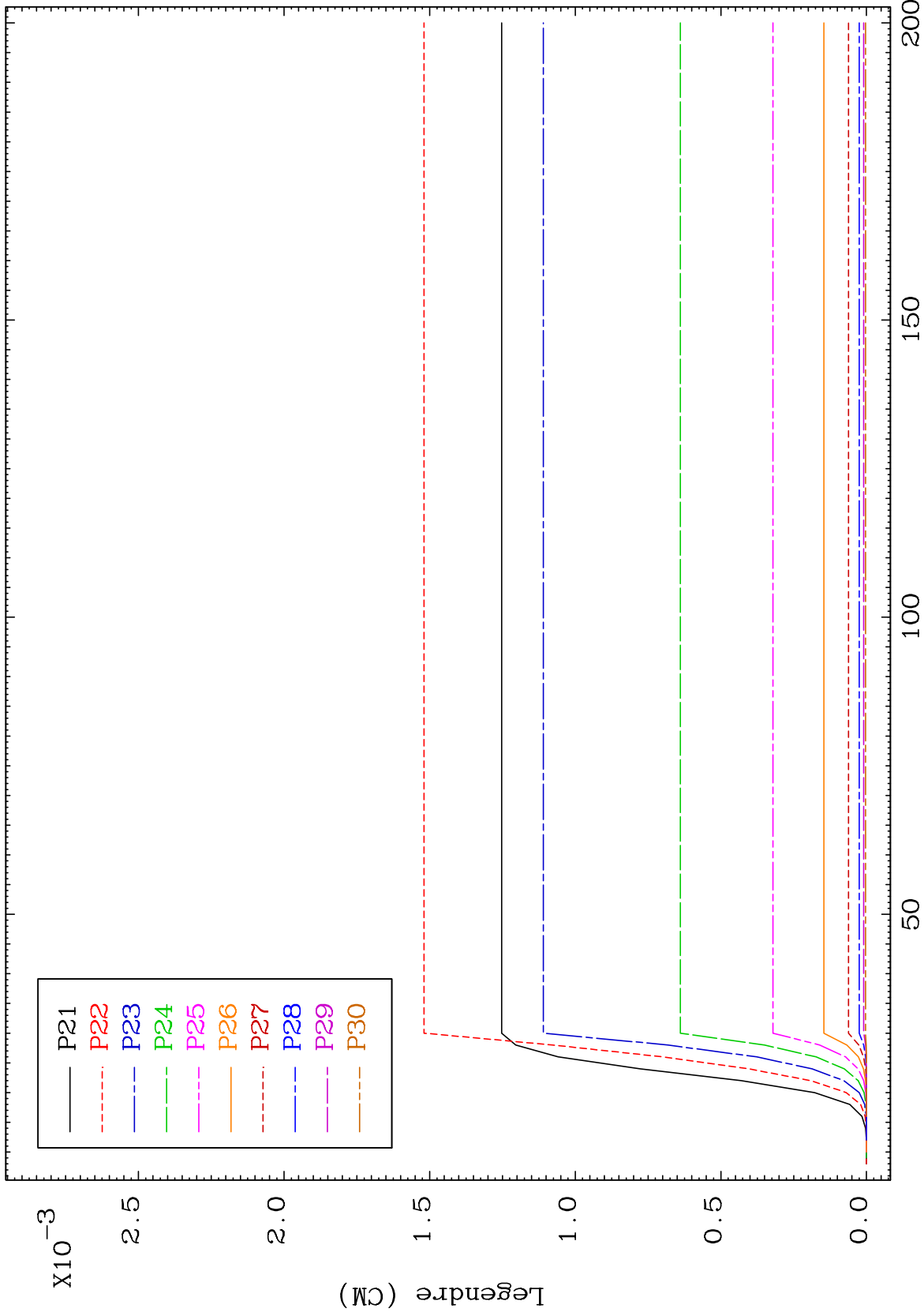
79-Au-199



73

Incident Energy (MeV)

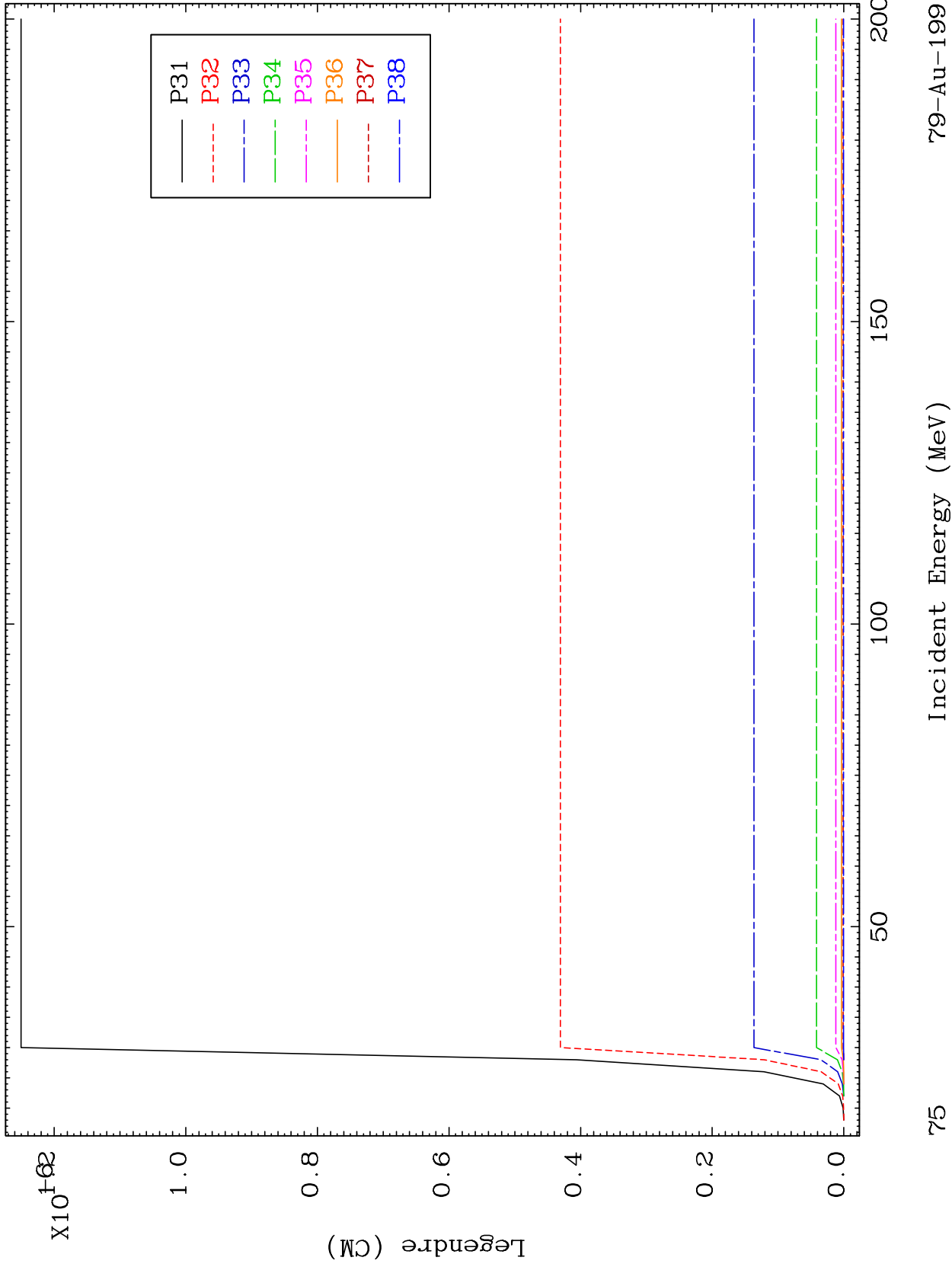
79-Au-199



MAT 7931

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

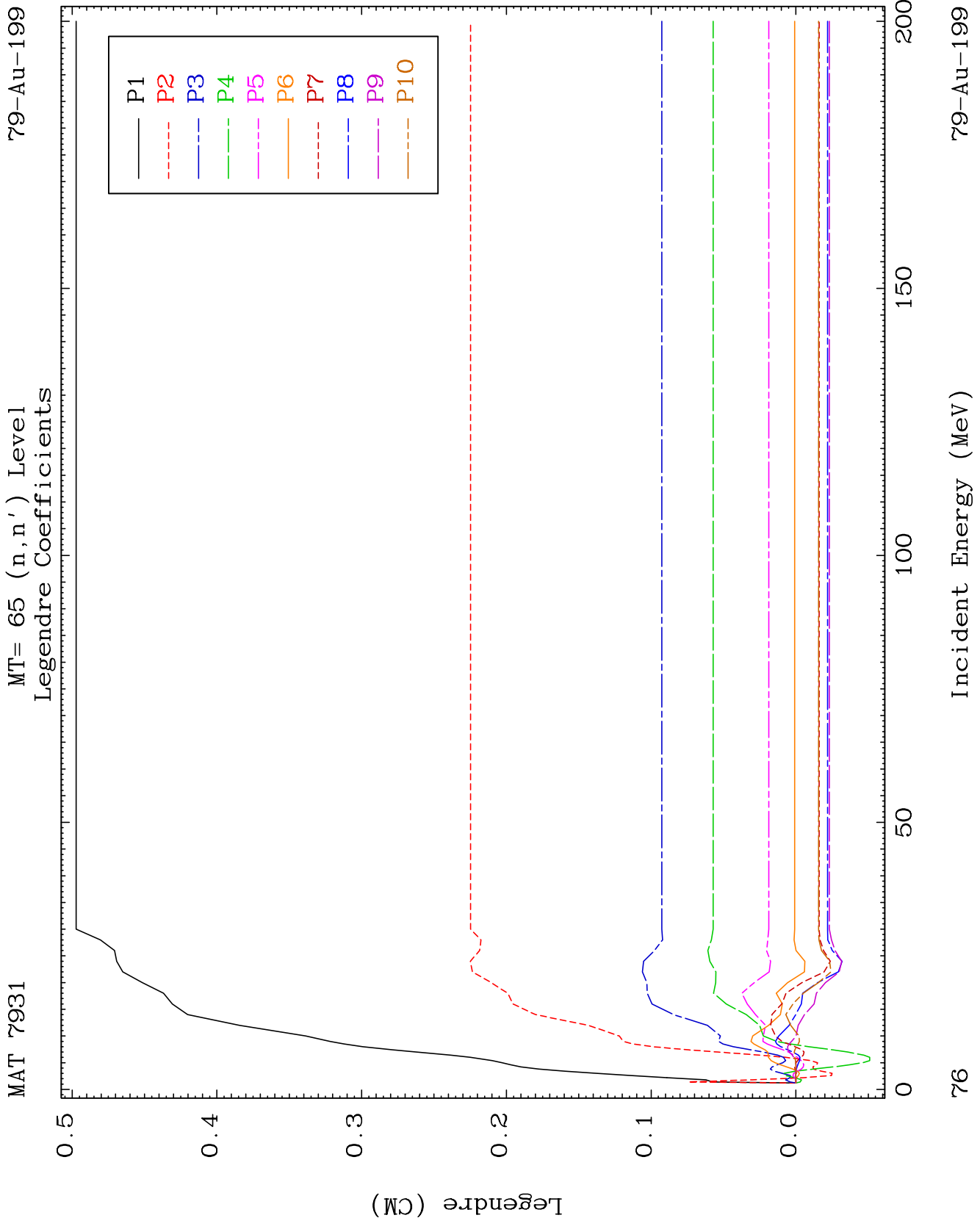
79-Au-199



75

Incident Energy (MeV)

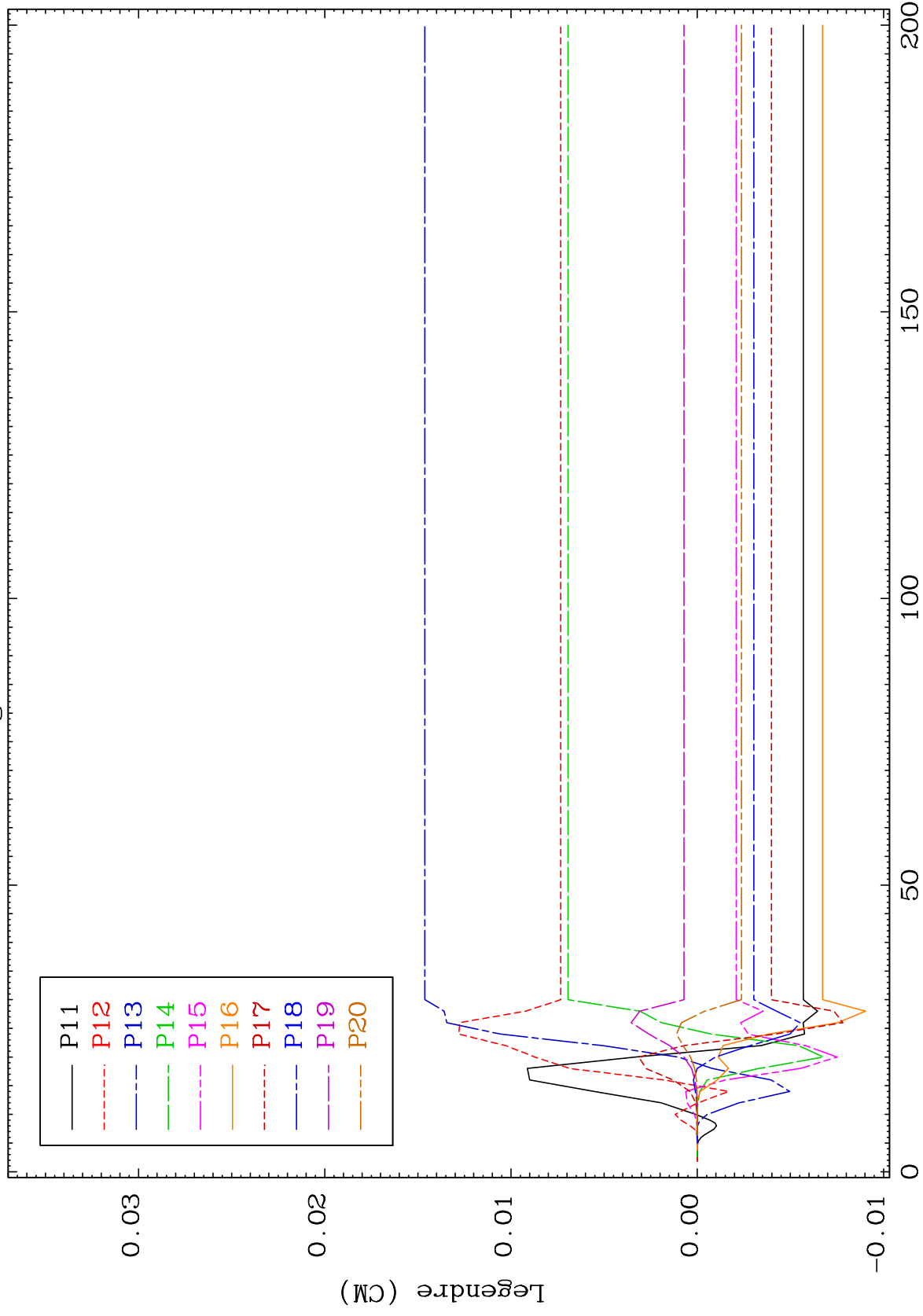
79-Au-199



MAT 7931

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

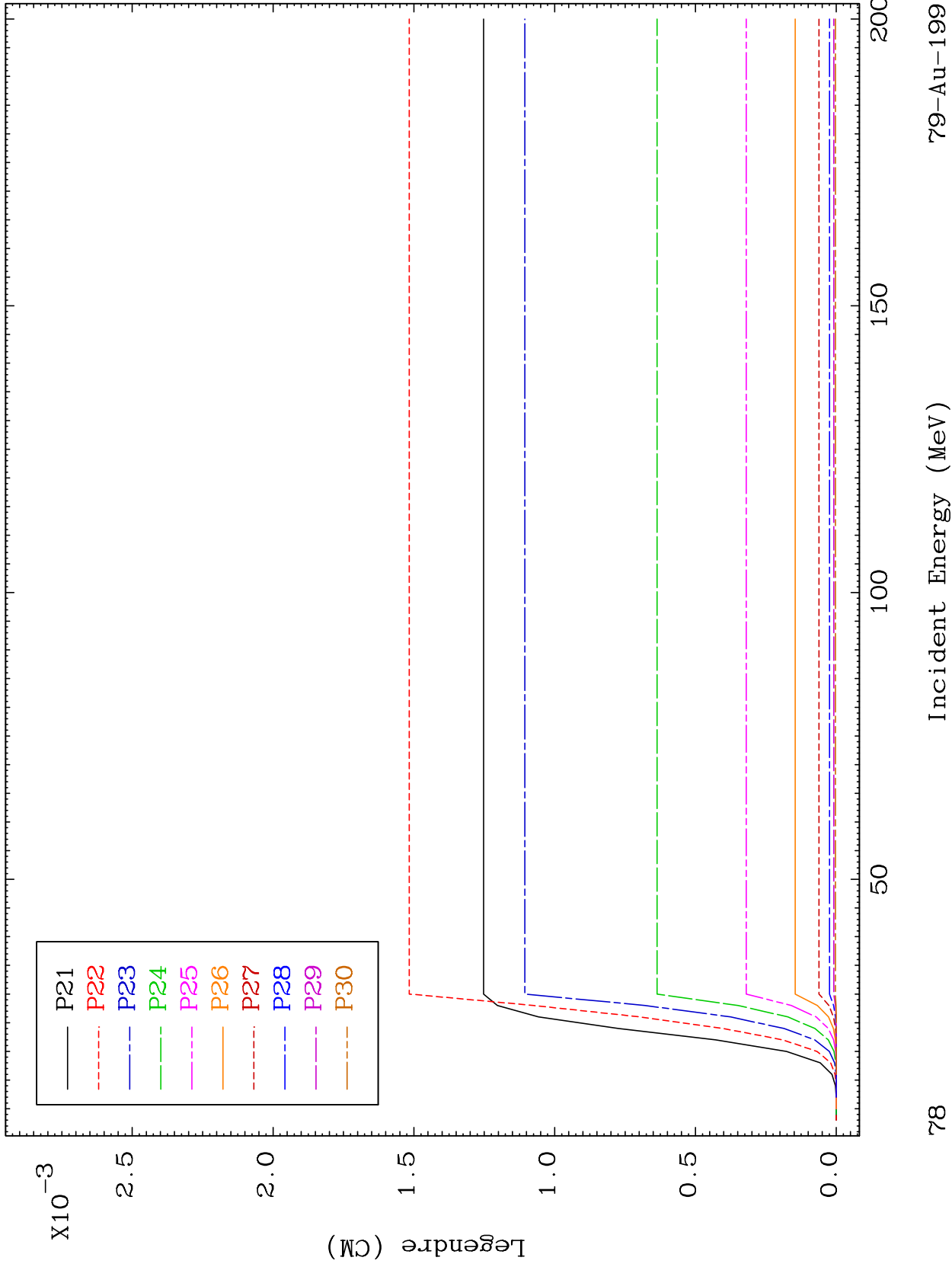
79-Au-199



77

Incident Energy (MeV)

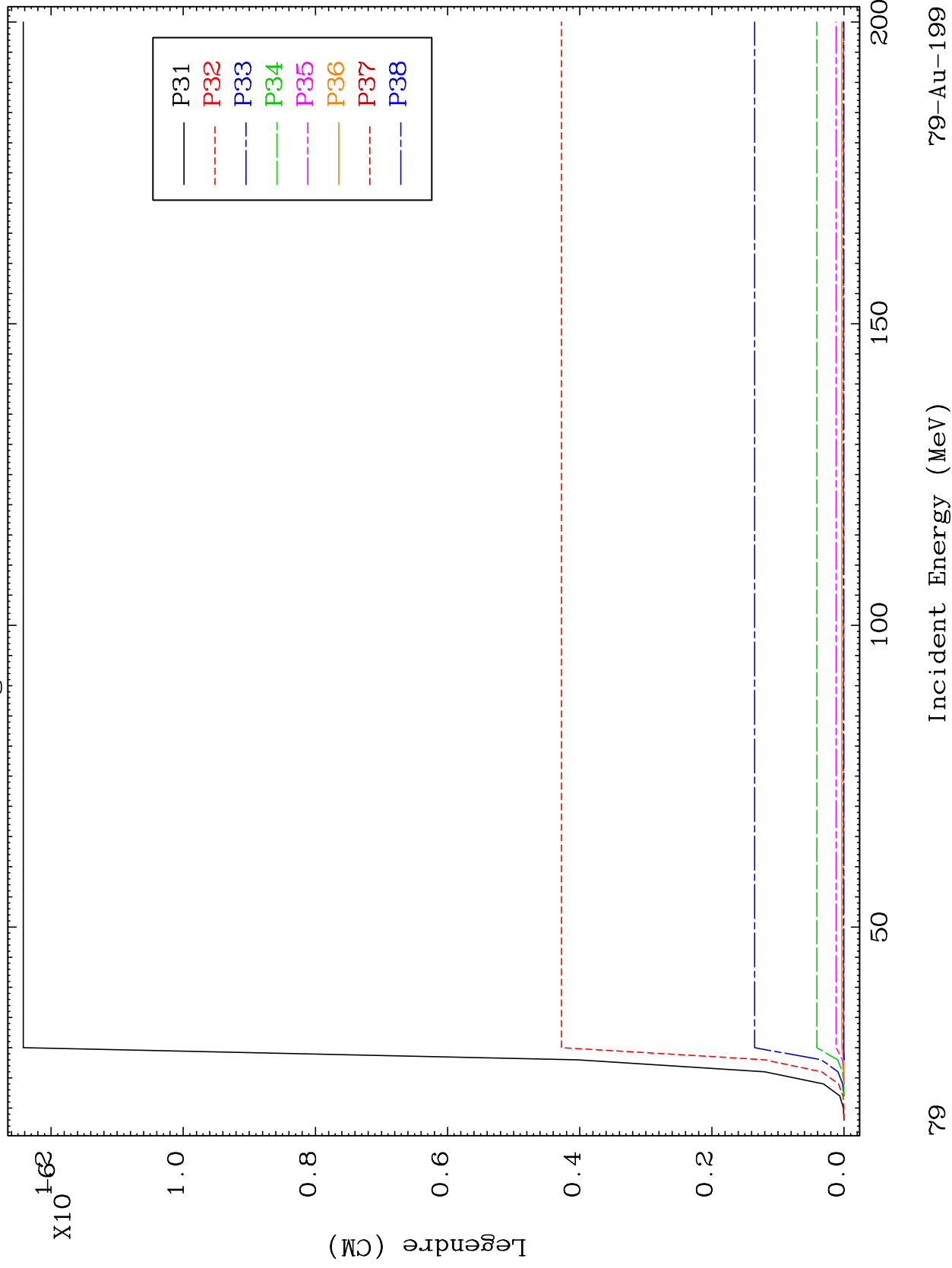
79-Au-199



MAT 7931

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

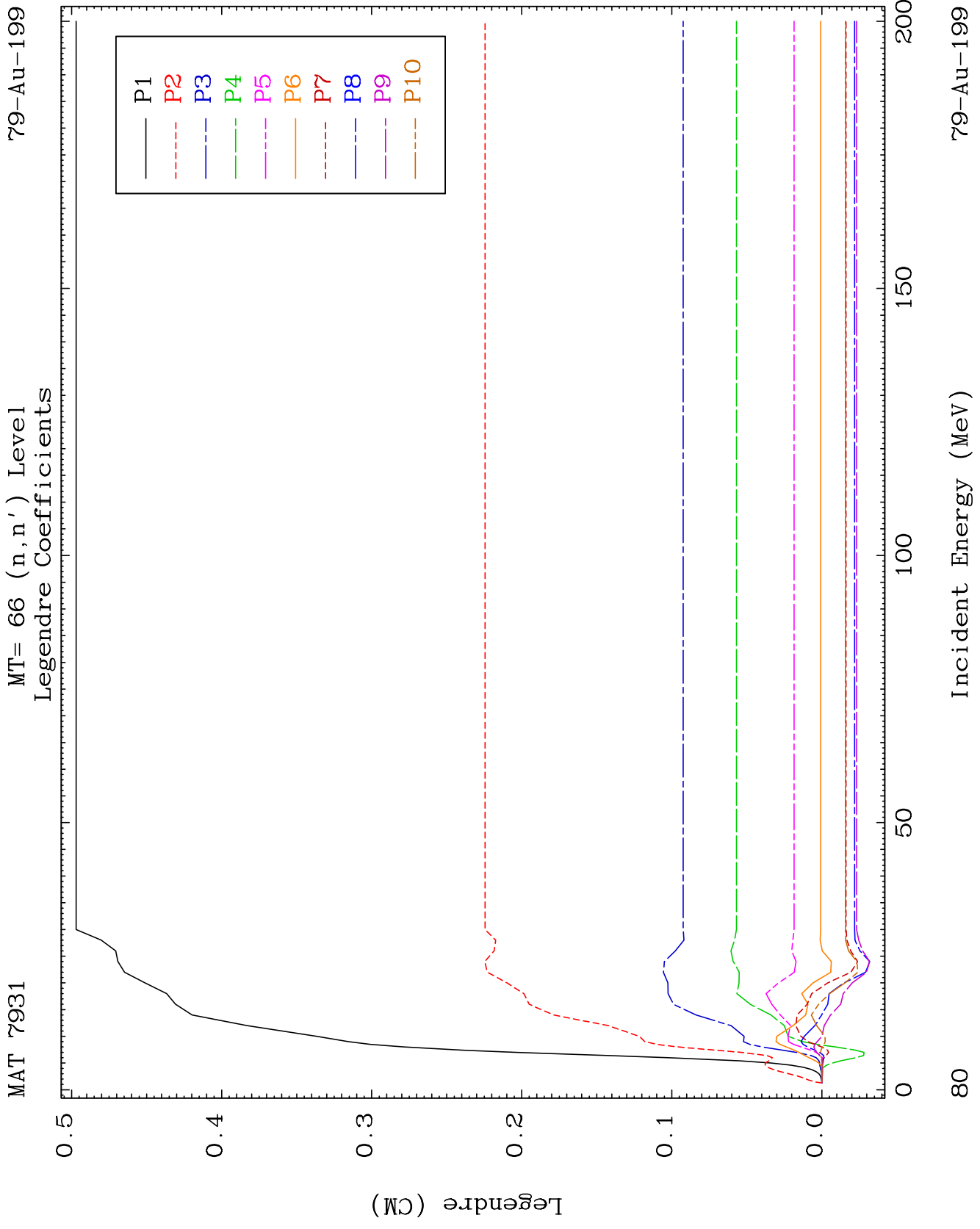
79-Au-199



79

Incident Energy (MeV)

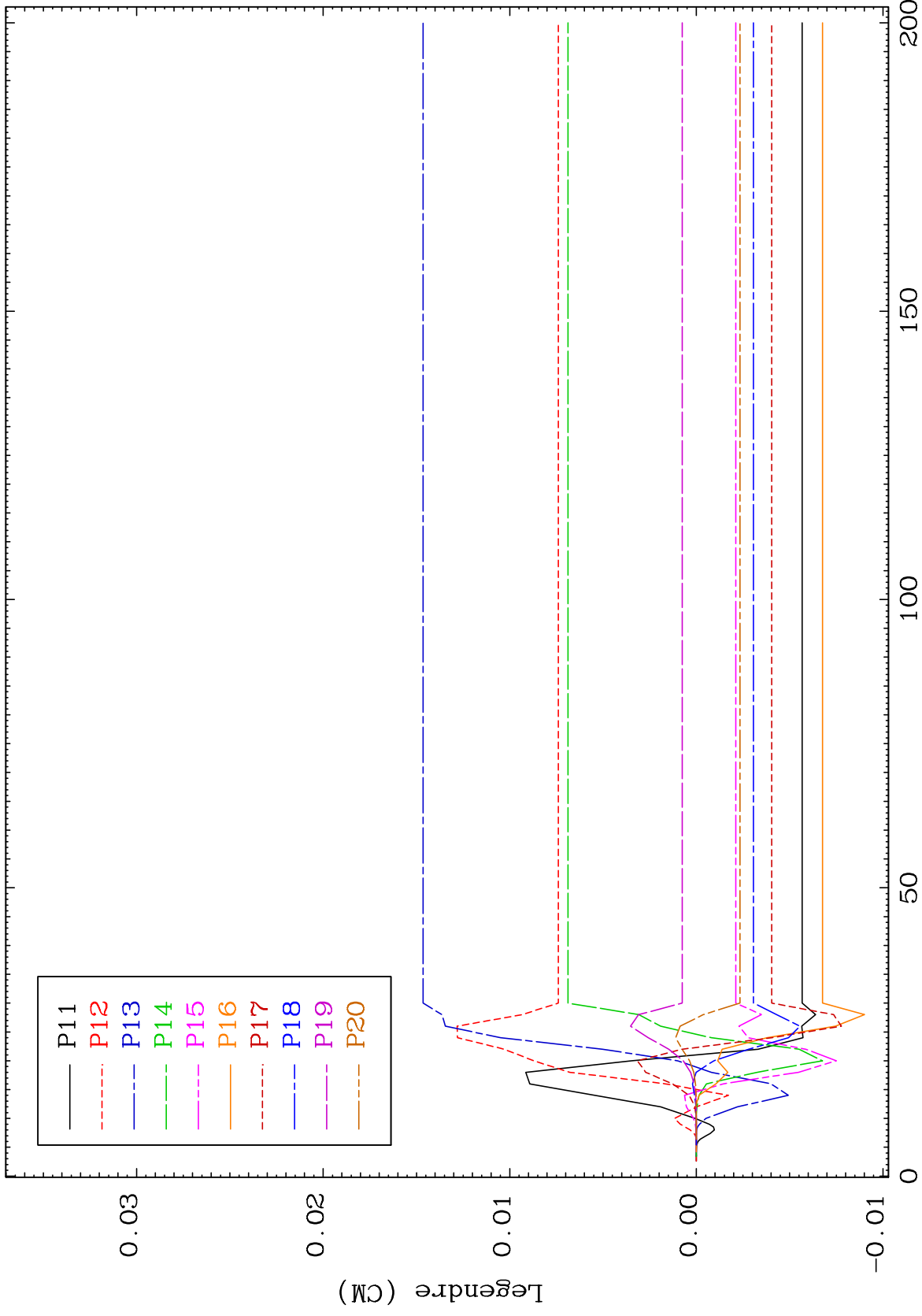
79-Au-199



MAT 7931

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

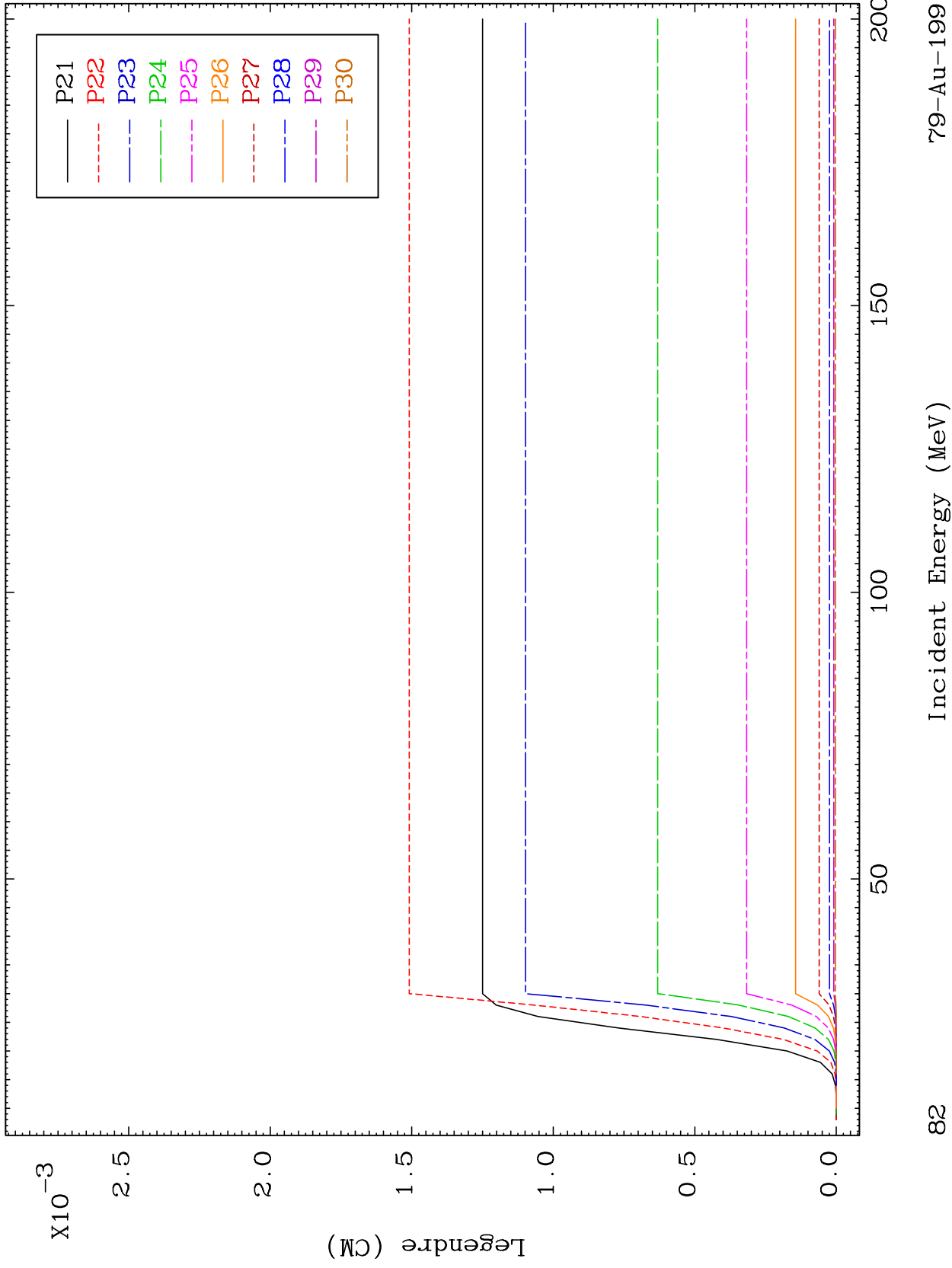
79-Au-199

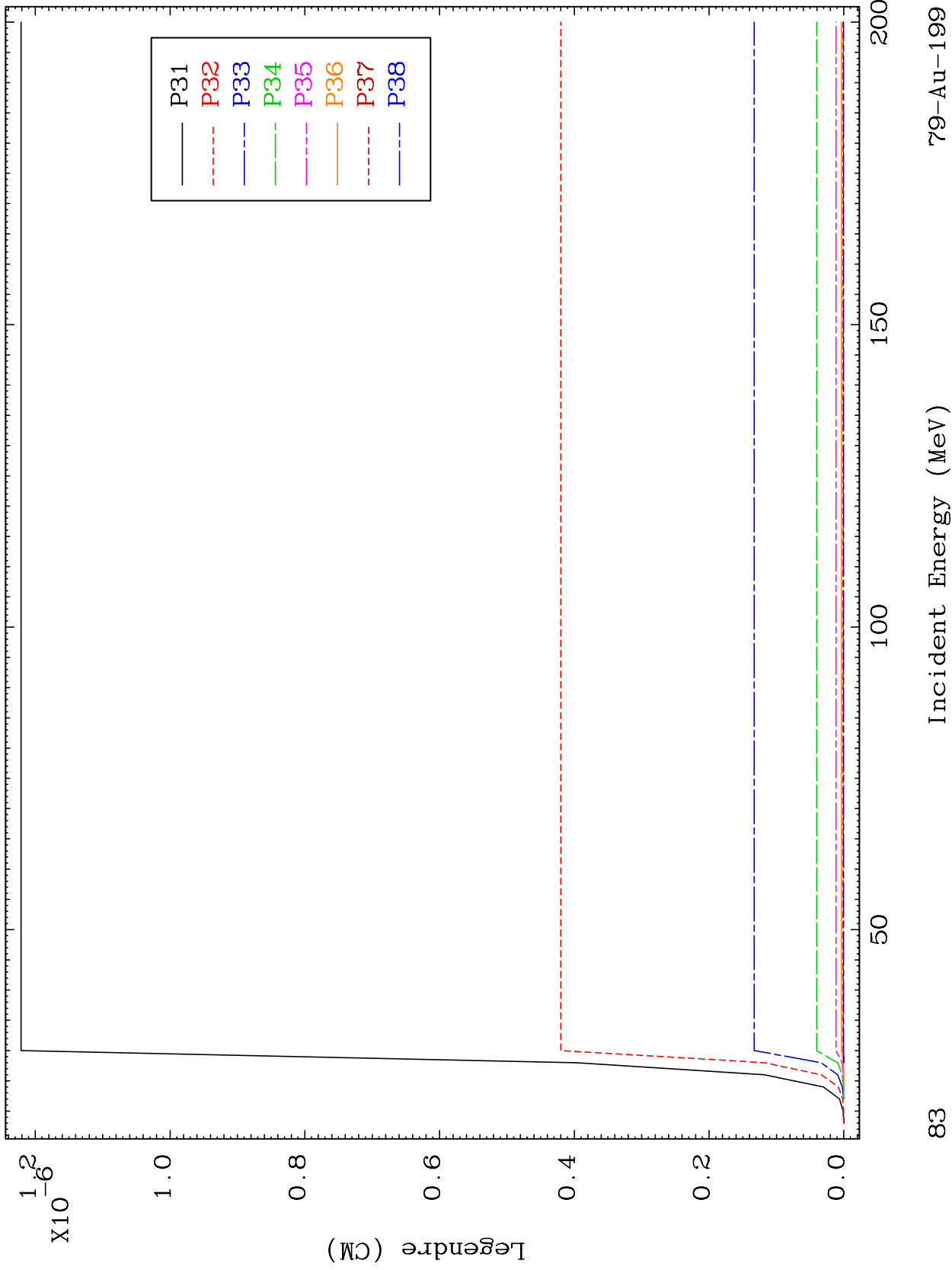


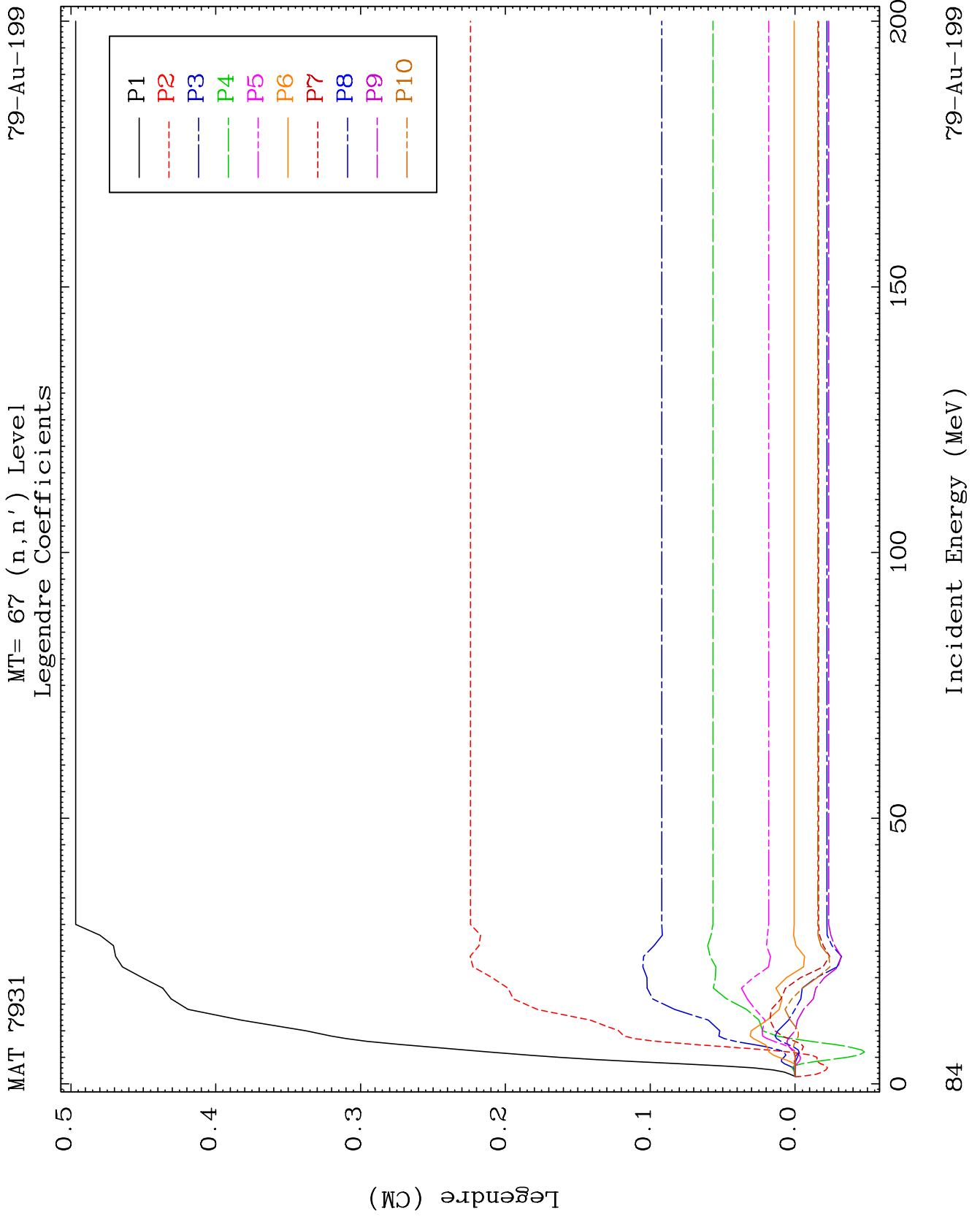
81

Incident Energy (MeV)

79-Au-199



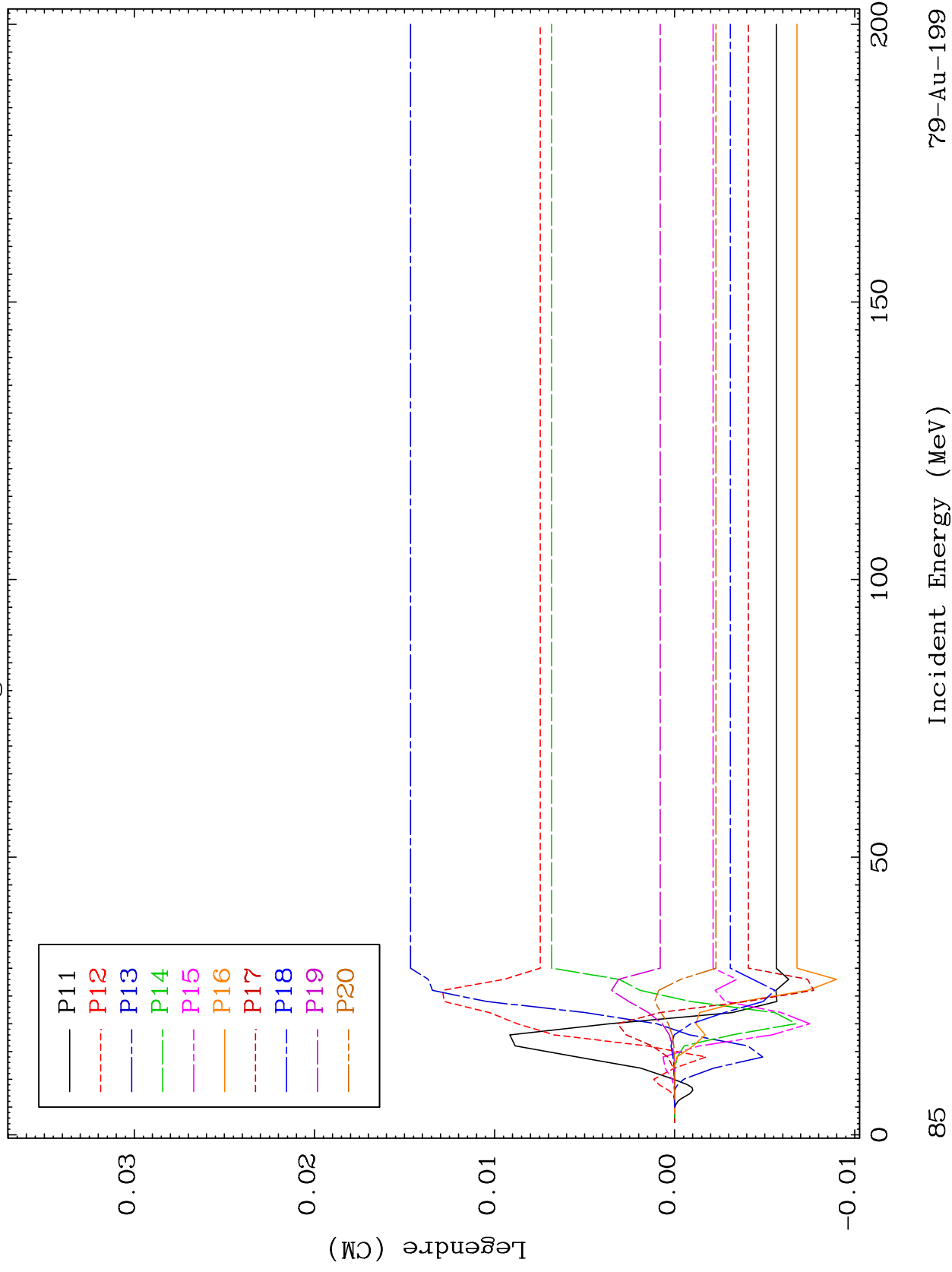


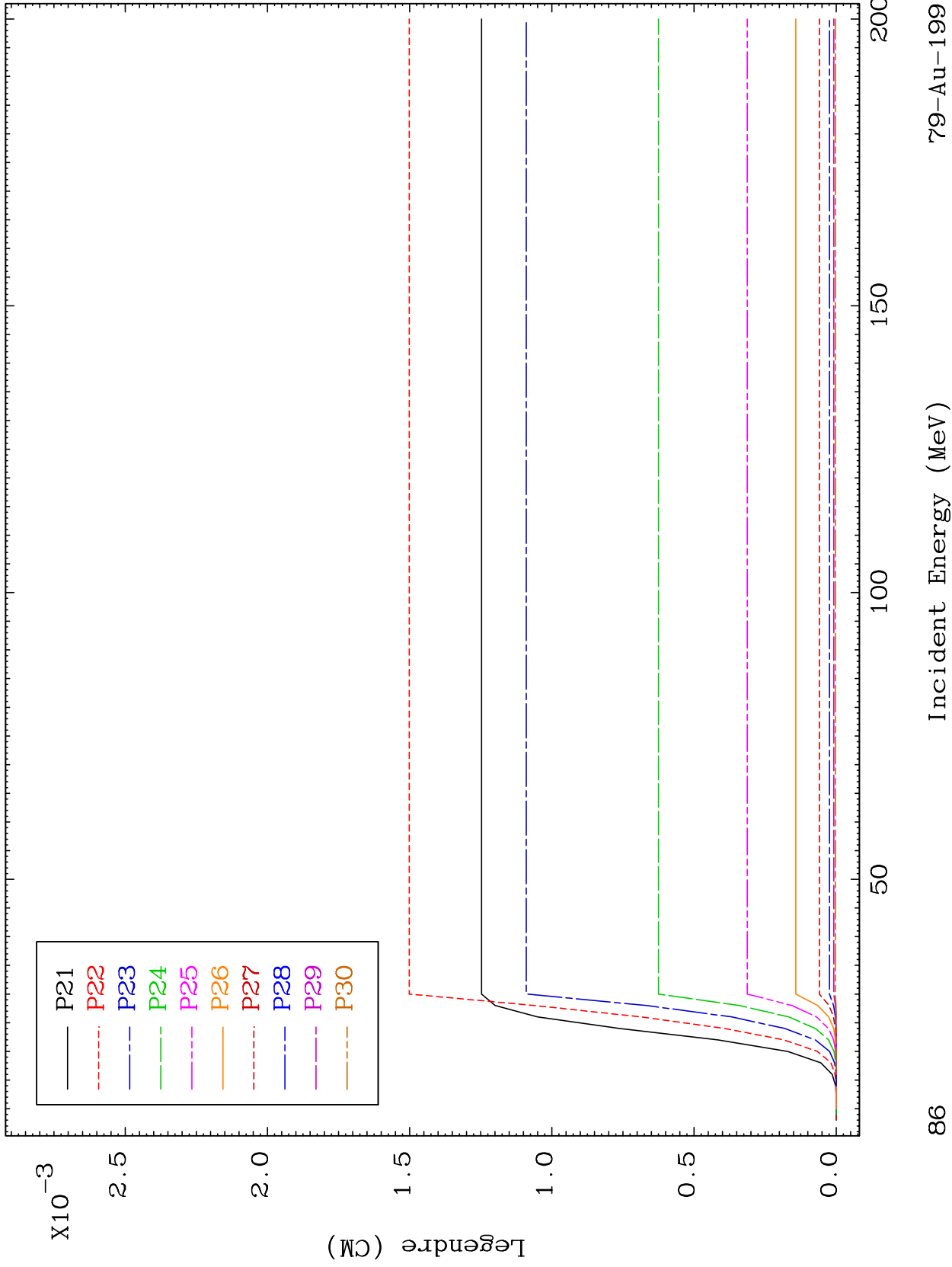


MAT 7931

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

79-Au-199

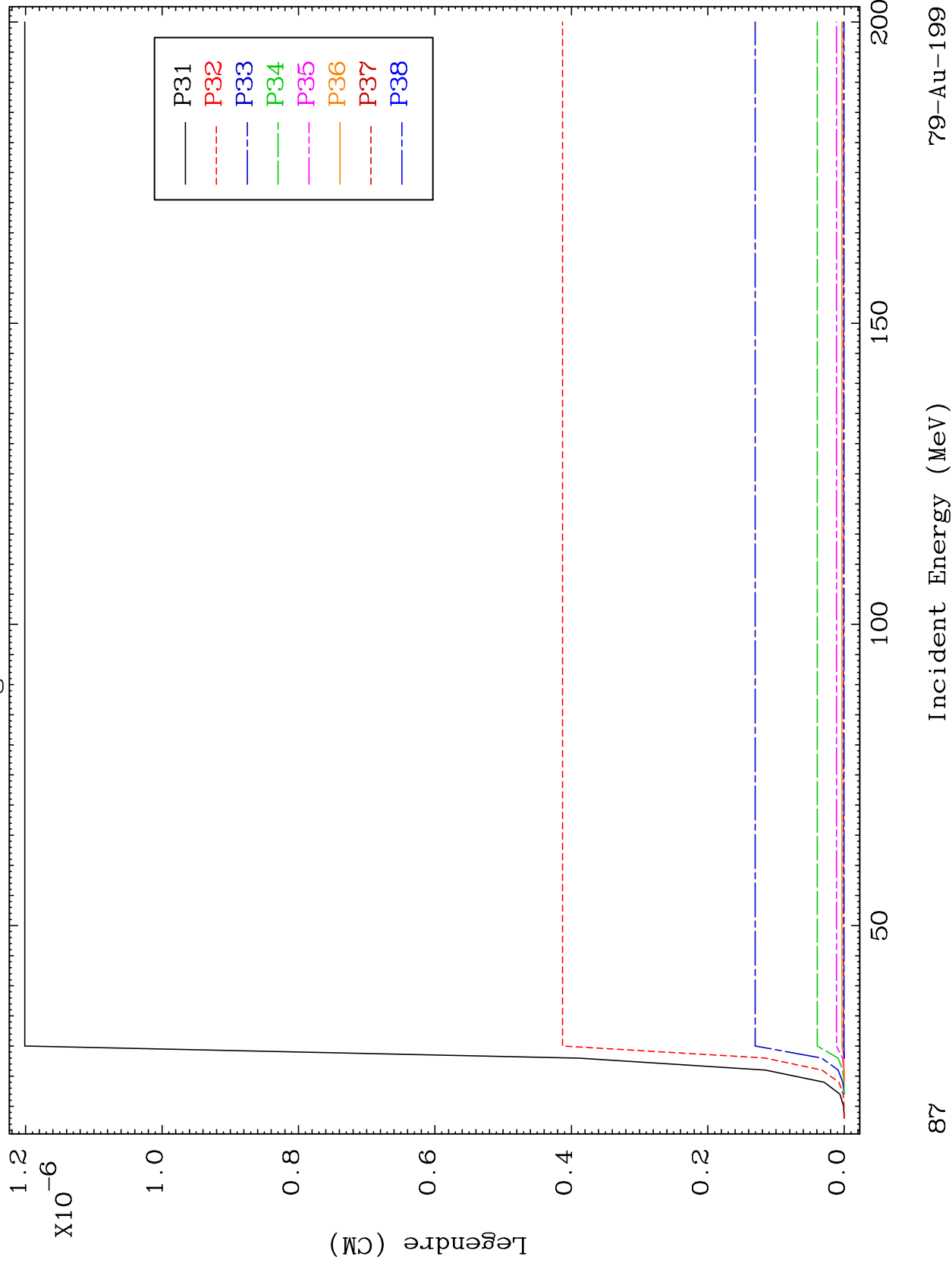




MAT 7931

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

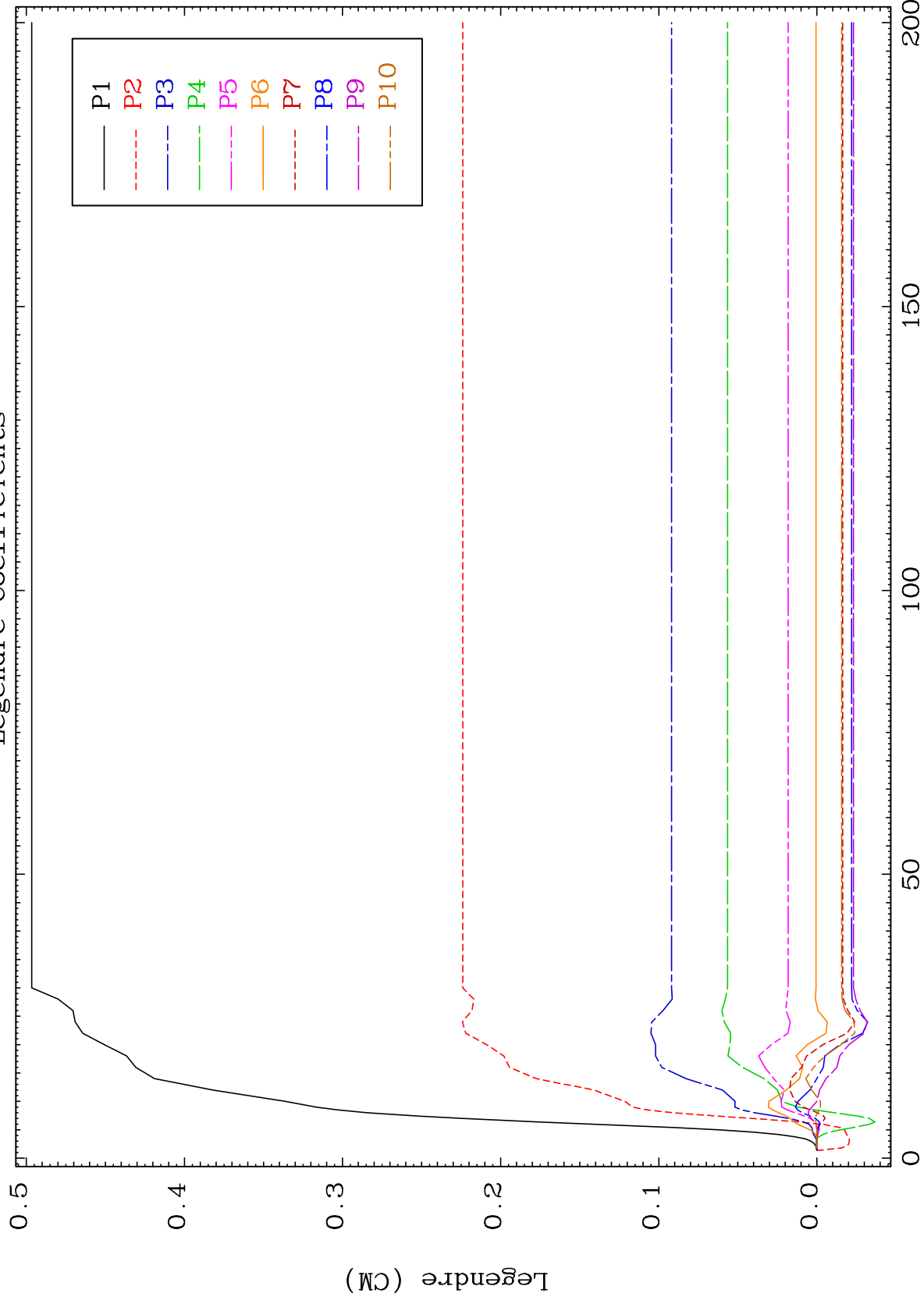
79-Au-199



MAT 7931

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

79-Au-199



88

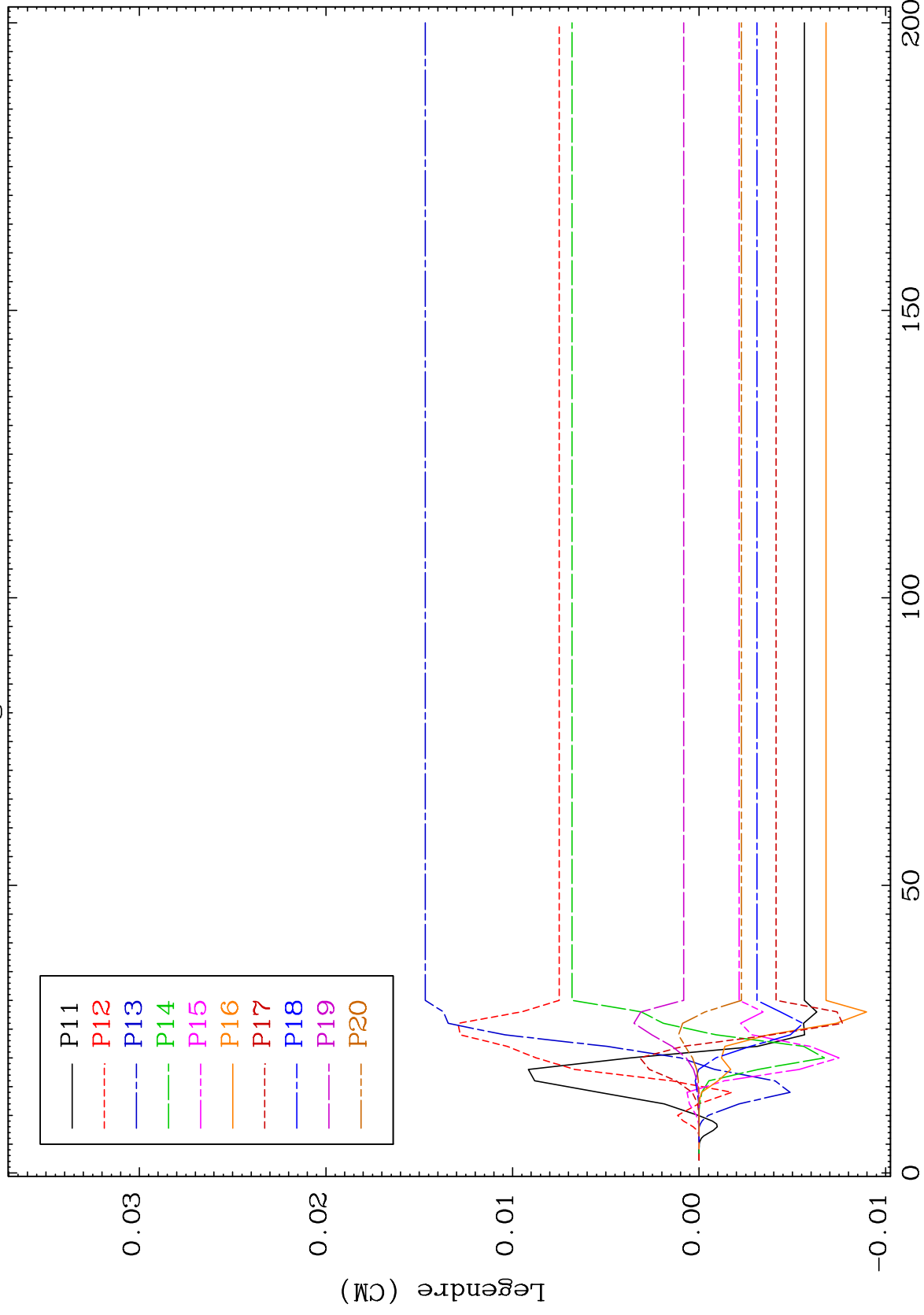
Incident Energy (MeV)

79-Au-199

MAT 7931

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

79-Au-199



89

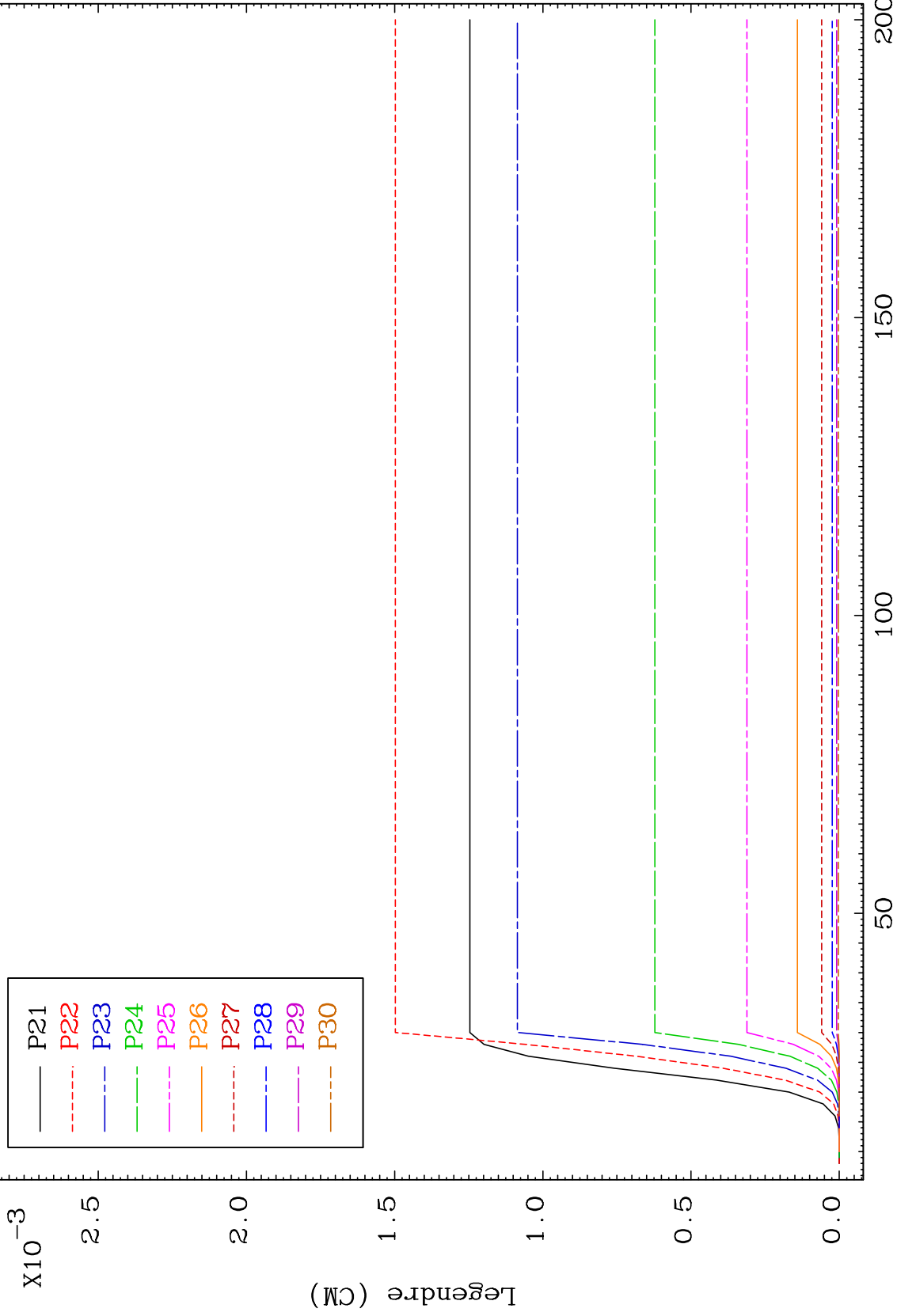
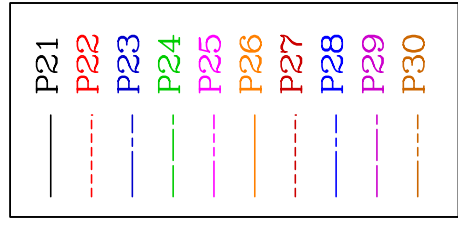
Incident Energy (MeV)

79-Au-199

MAT 7931

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

79-Au-199



90

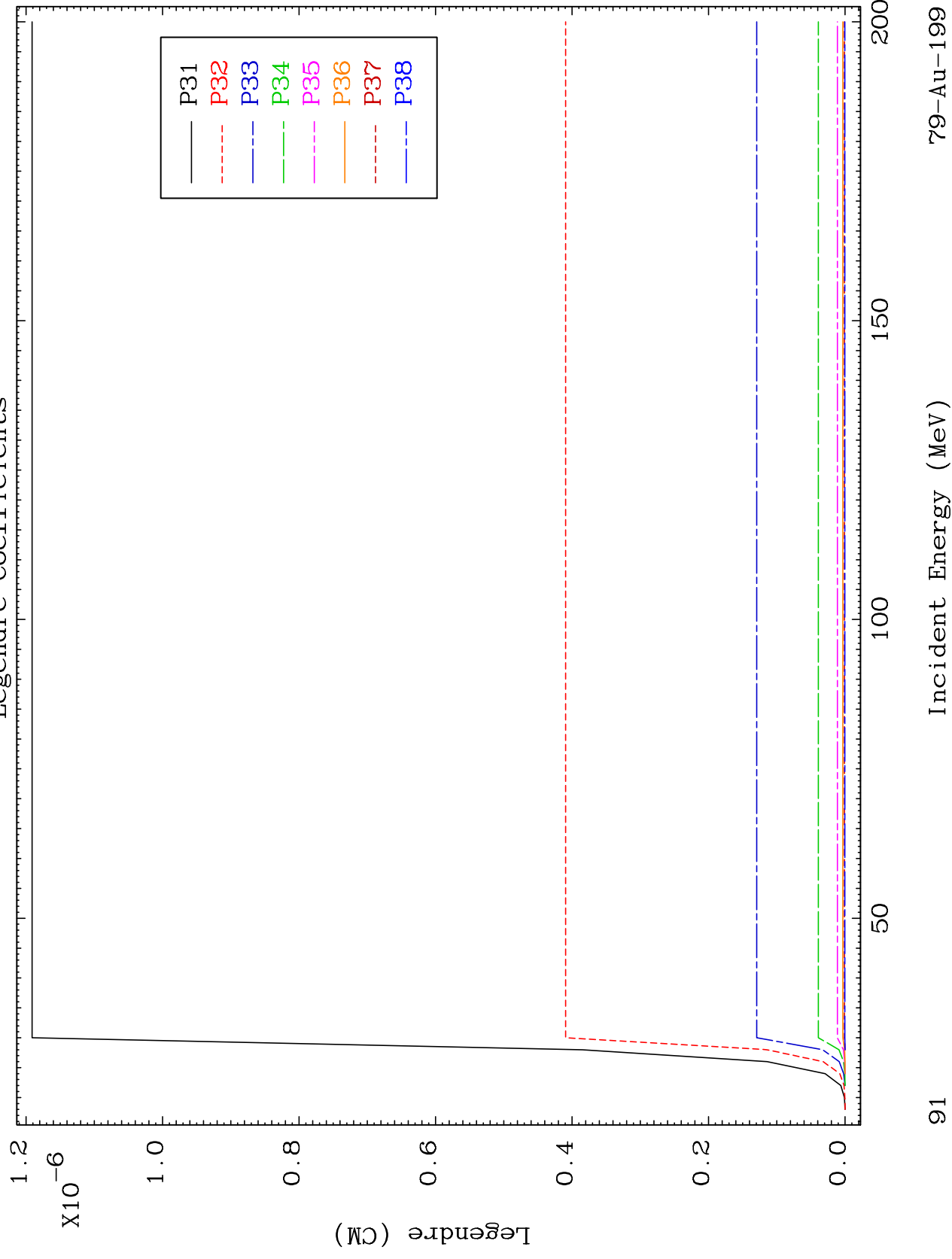
Incident Energy (MeV)

79-Au-199

MAT 7931

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

79-Au-199



91

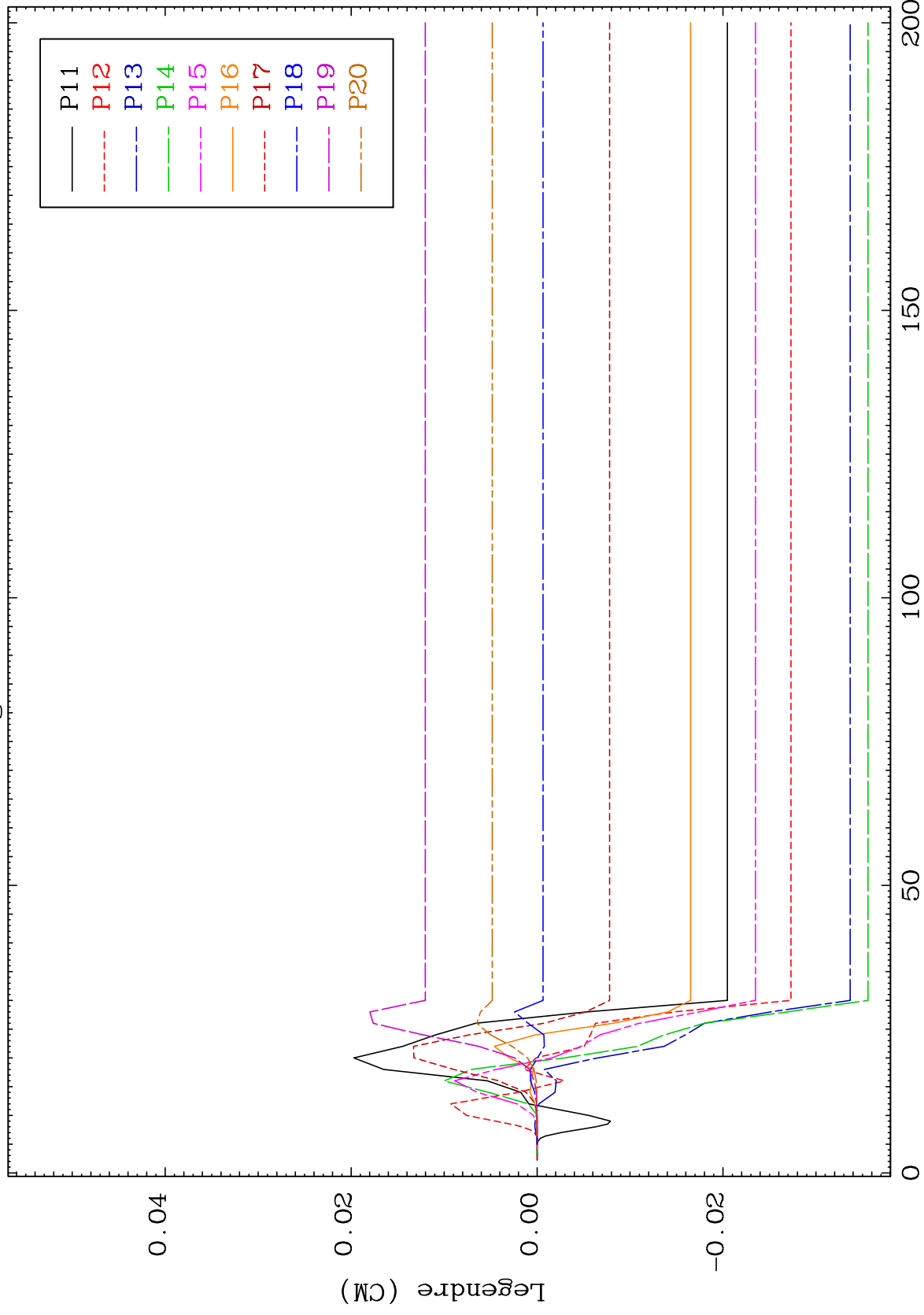
Incident Energy (MeV)

79-Au-199

MAT 7931

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

79-Au-199



93

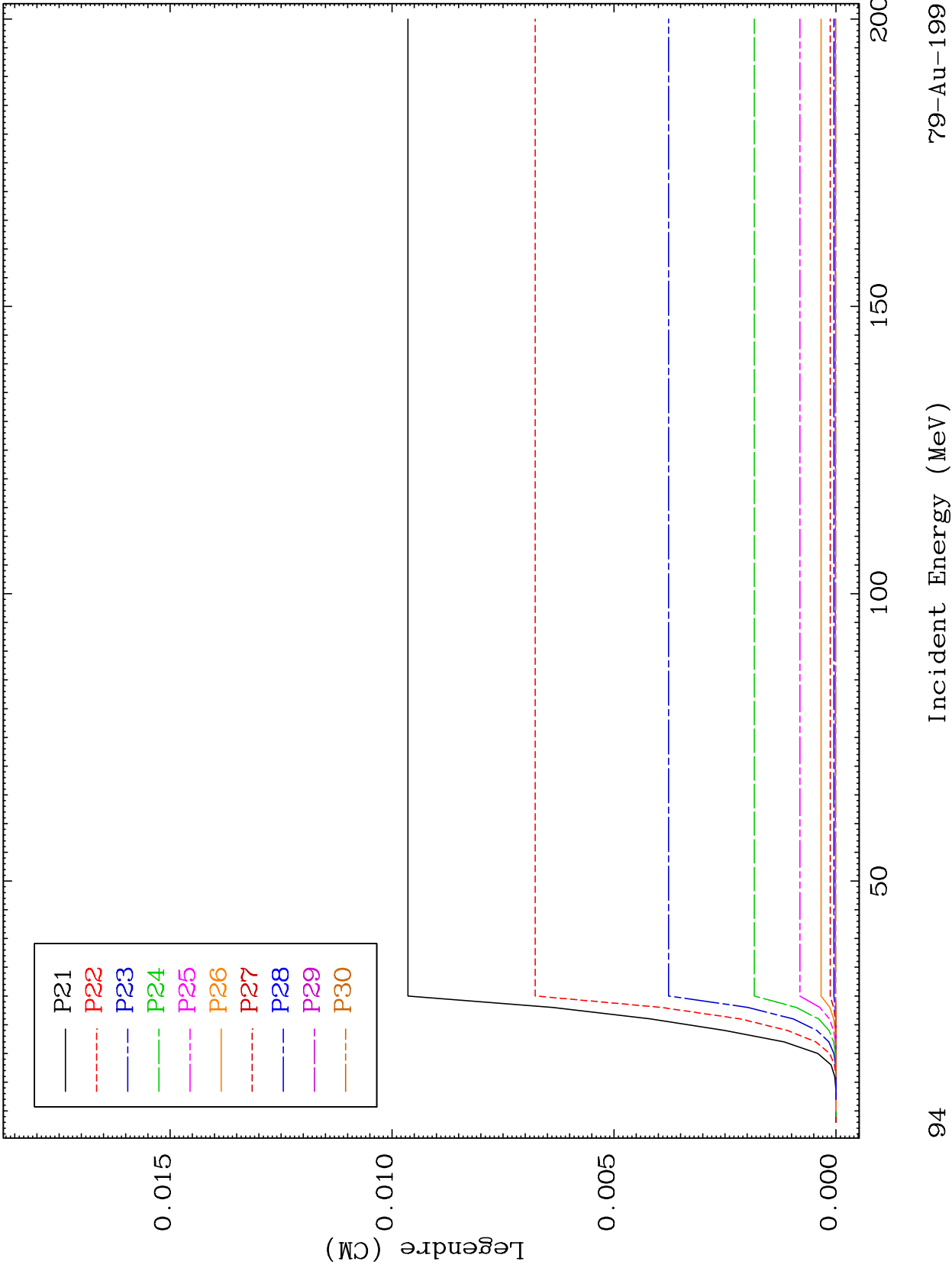
Incident Energy (MeV)

79-Au-199

MAT 7931

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

79-Au-199



94

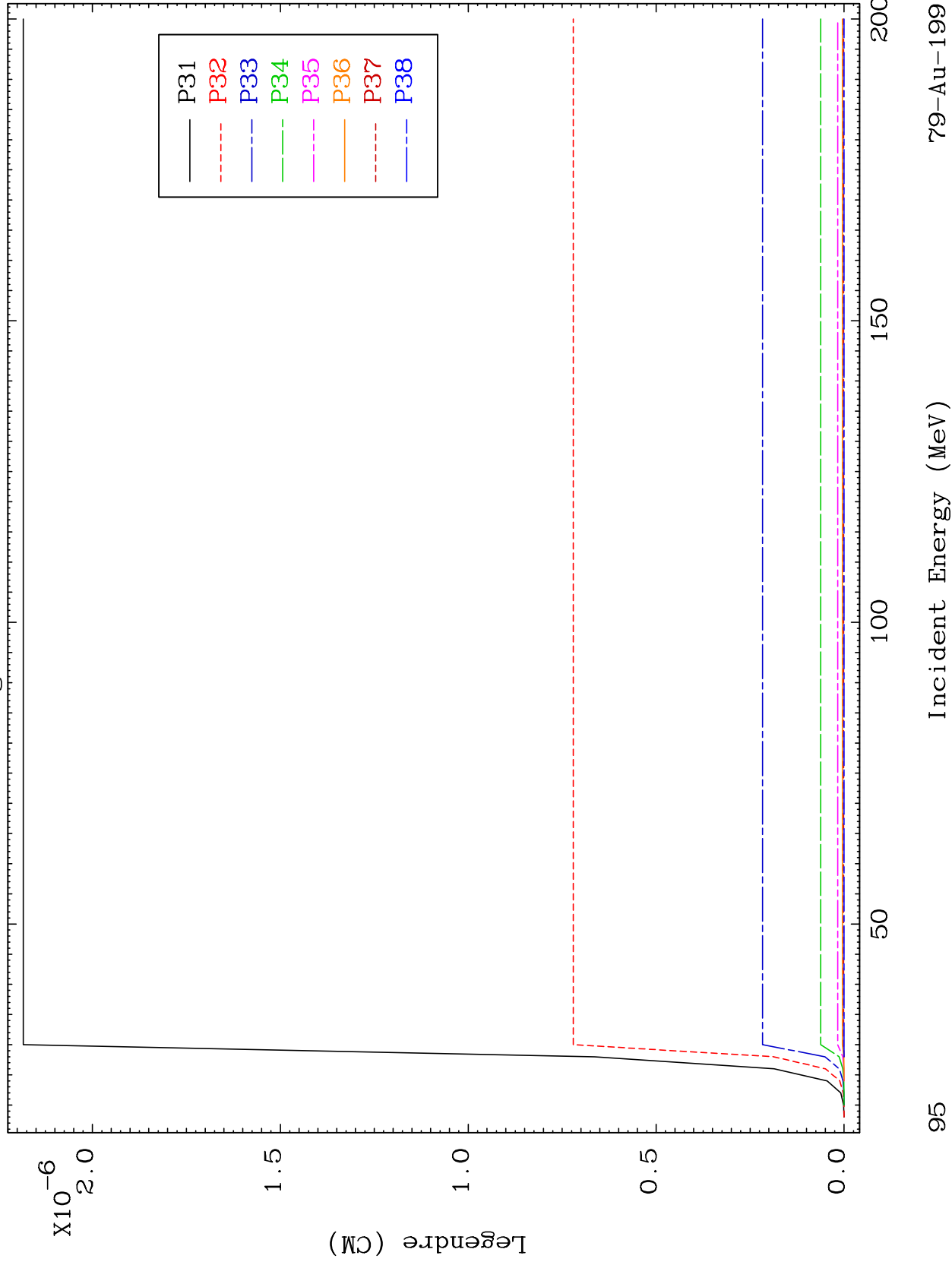
Incident Energy (MeV)

79-Au-199

MAT 7931

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

79-Au-199



79-Au-199

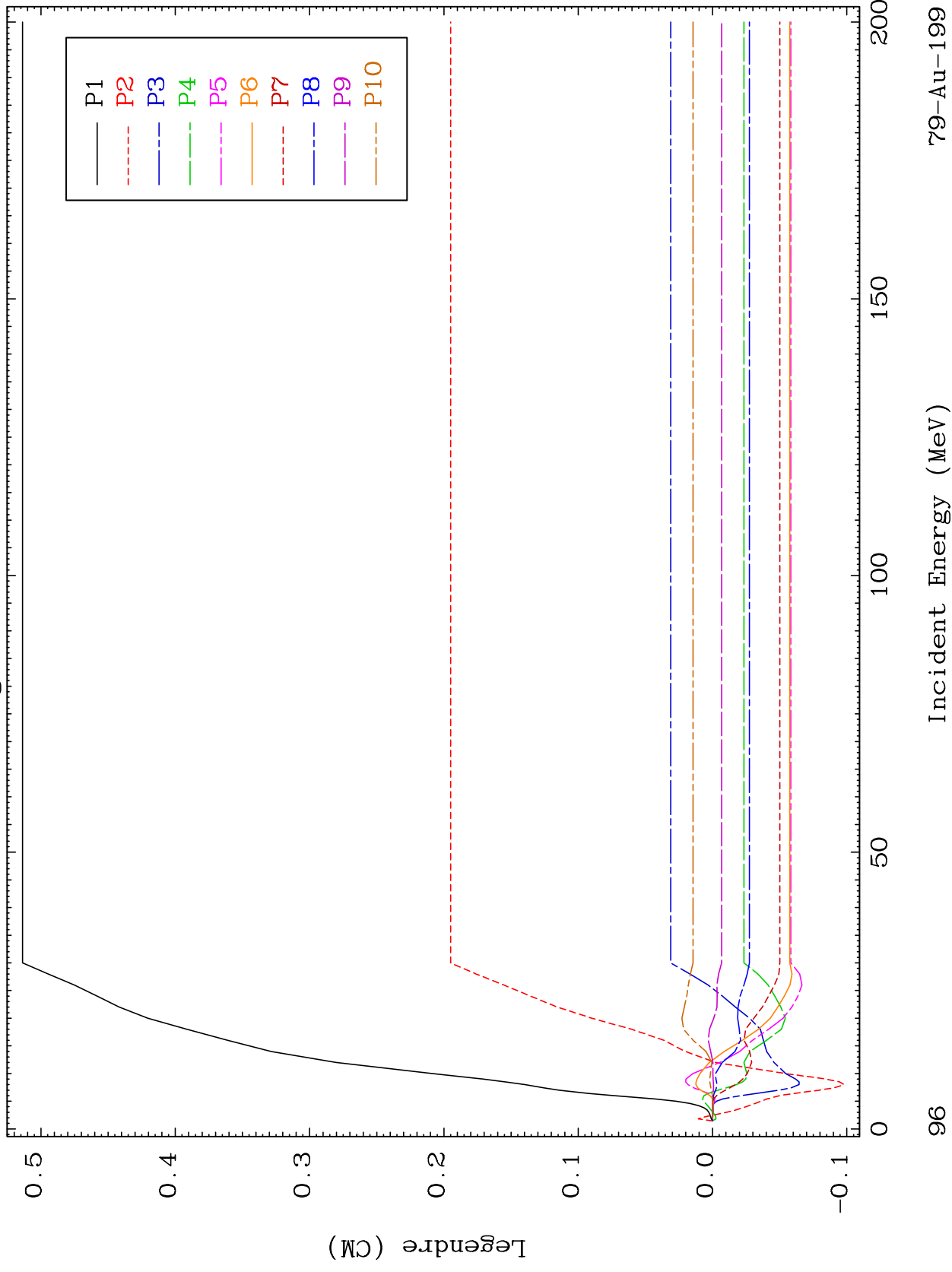
Incident Energy (MeV)

95

MAT 7931

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

79-Au-199



79-Au-199

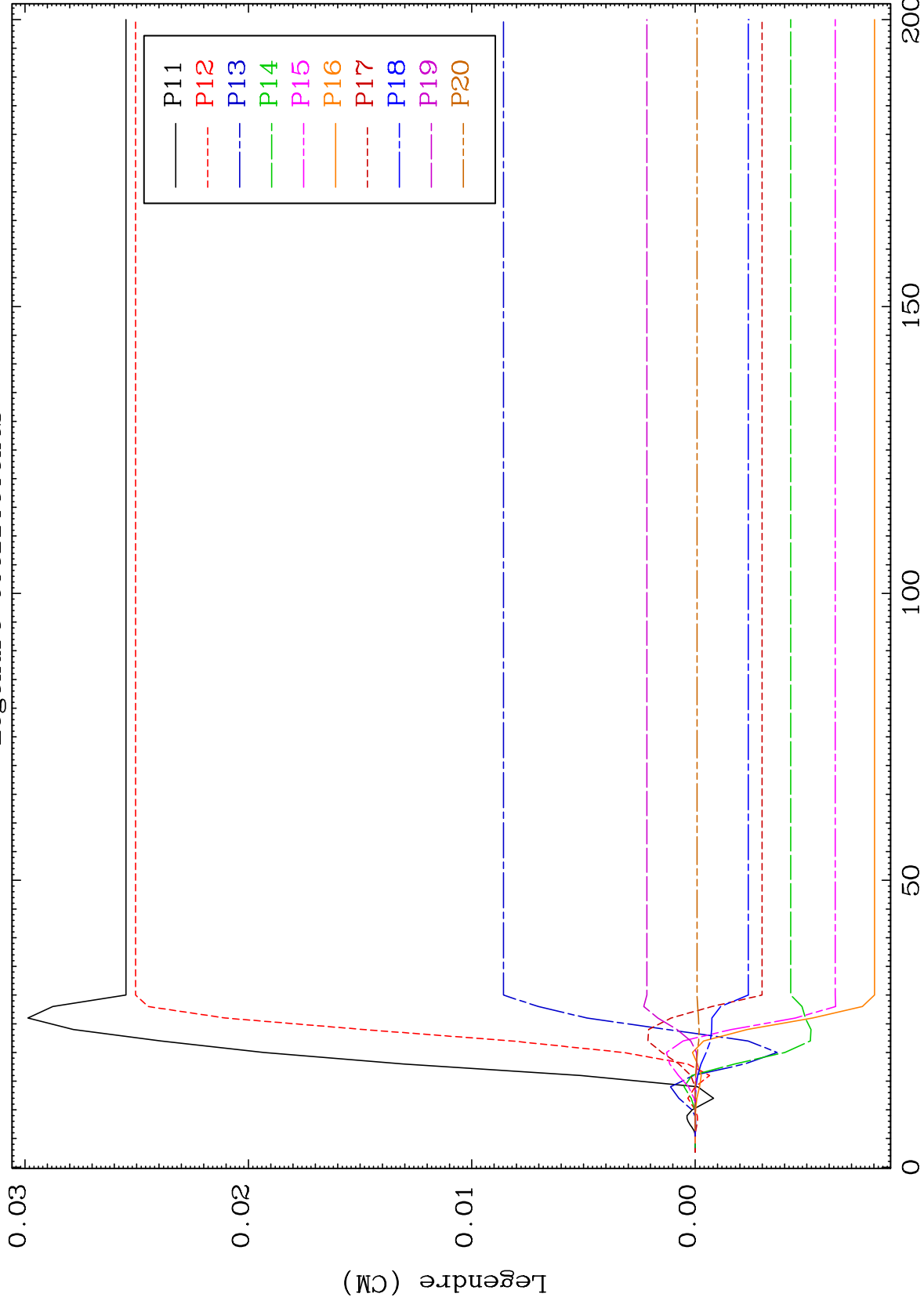
Incident Energy (MeV)

96

MAT 7931

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

79-Au-199



97

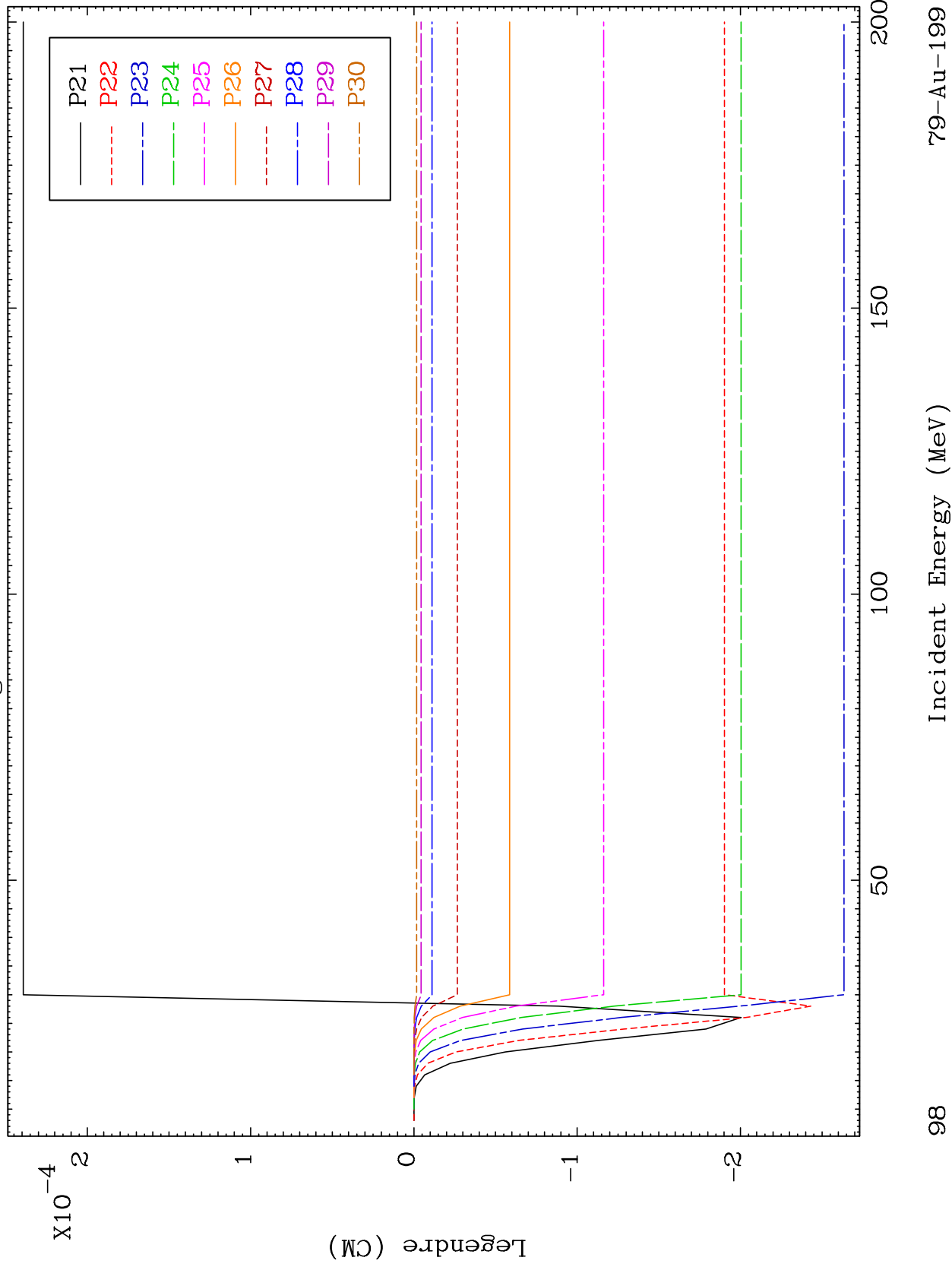
Incident Energy (MeV)

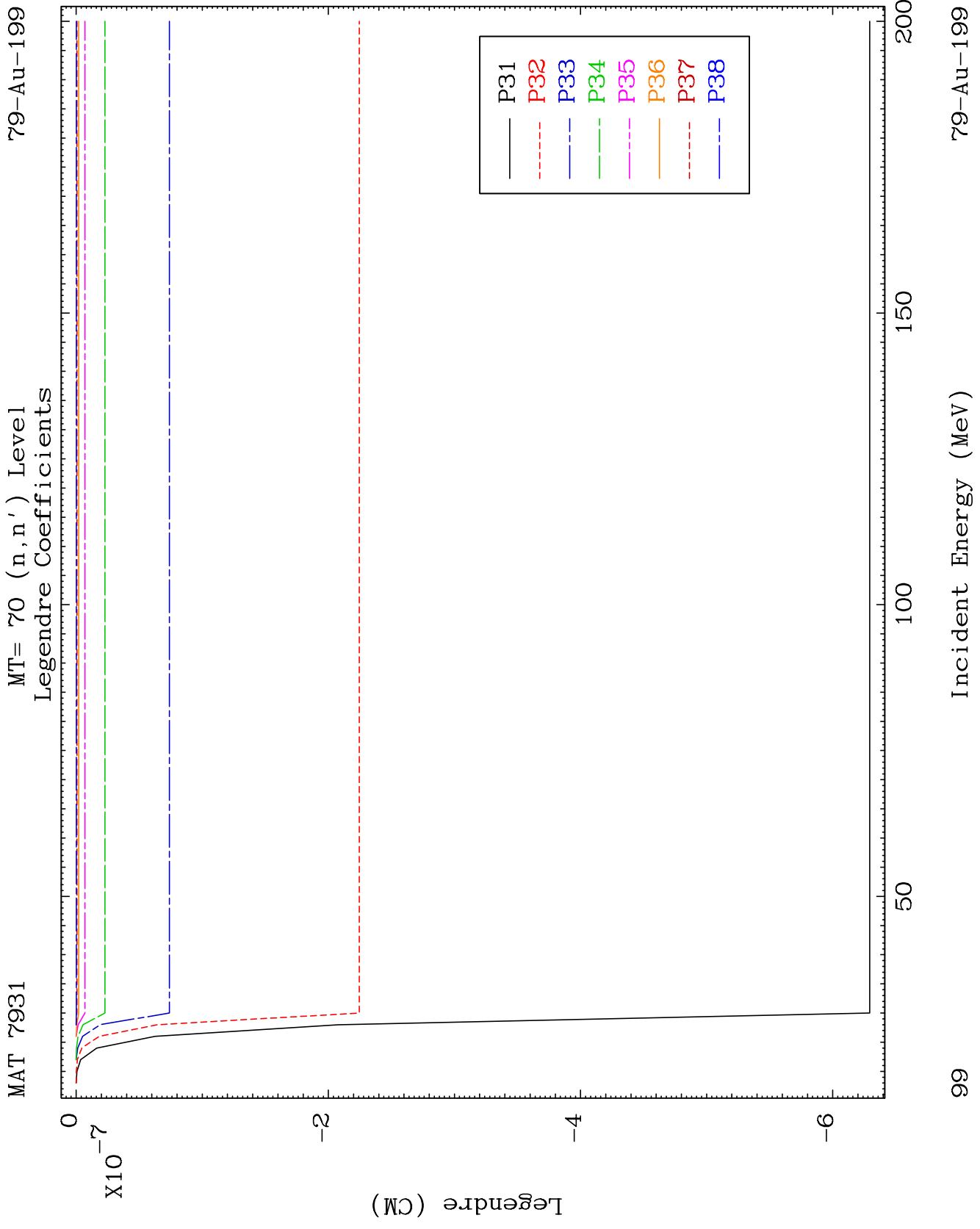
79-Au-199

MAT 7931

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

79-Au-199

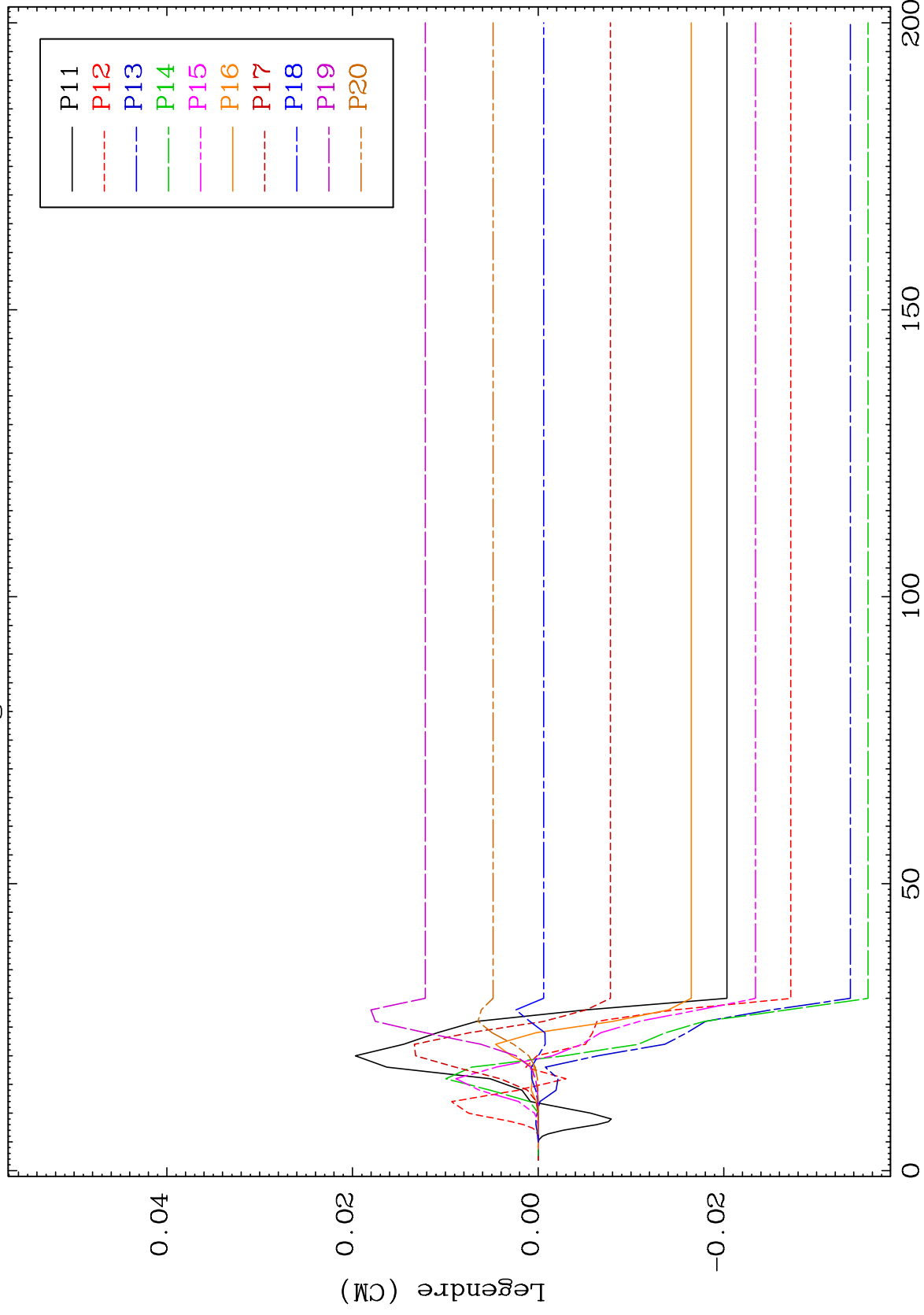




MAT 7931

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

79-Au-199



101

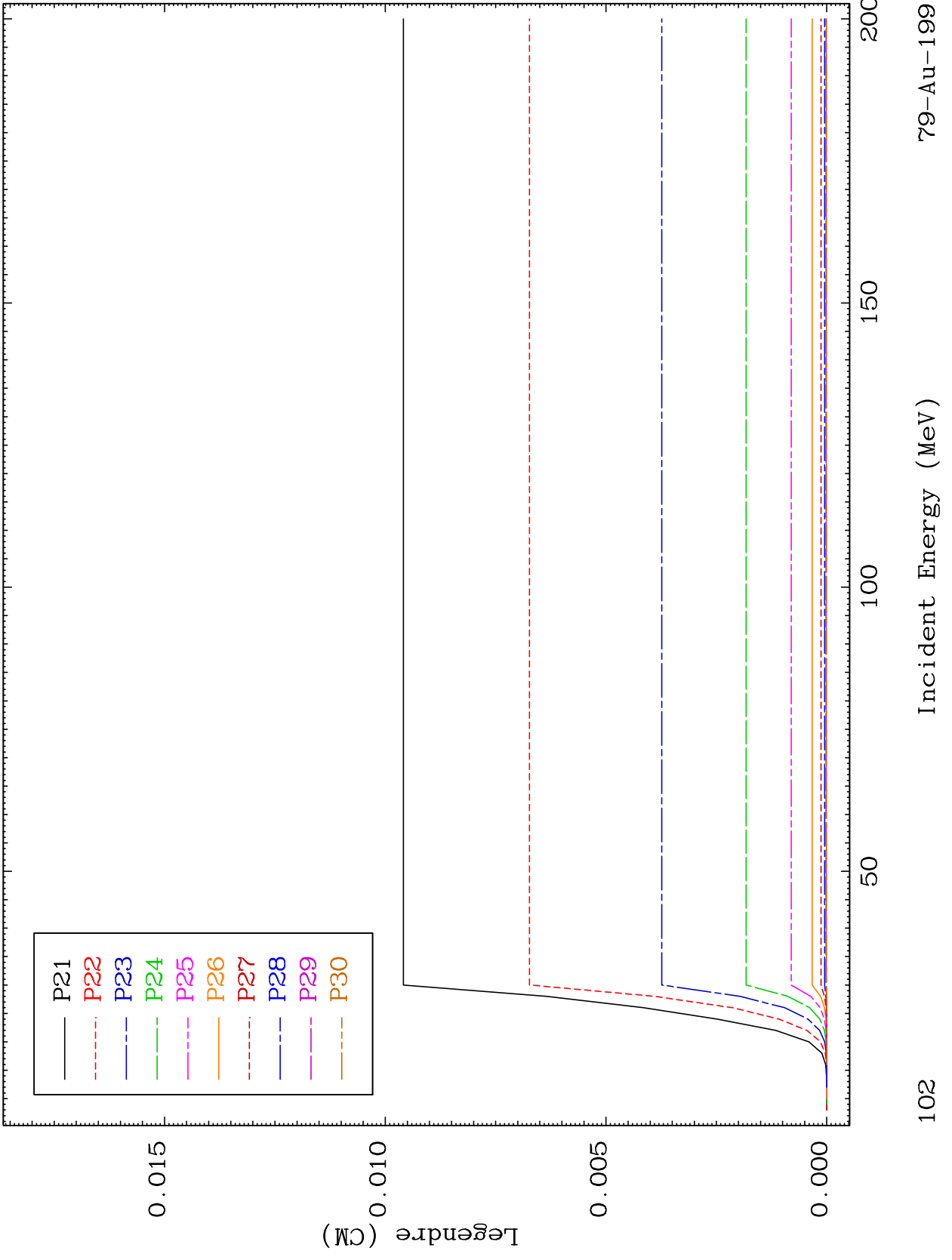
Incident Energy (MeV)

79-Au-199

MAT 7931

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

79-Au-199



102

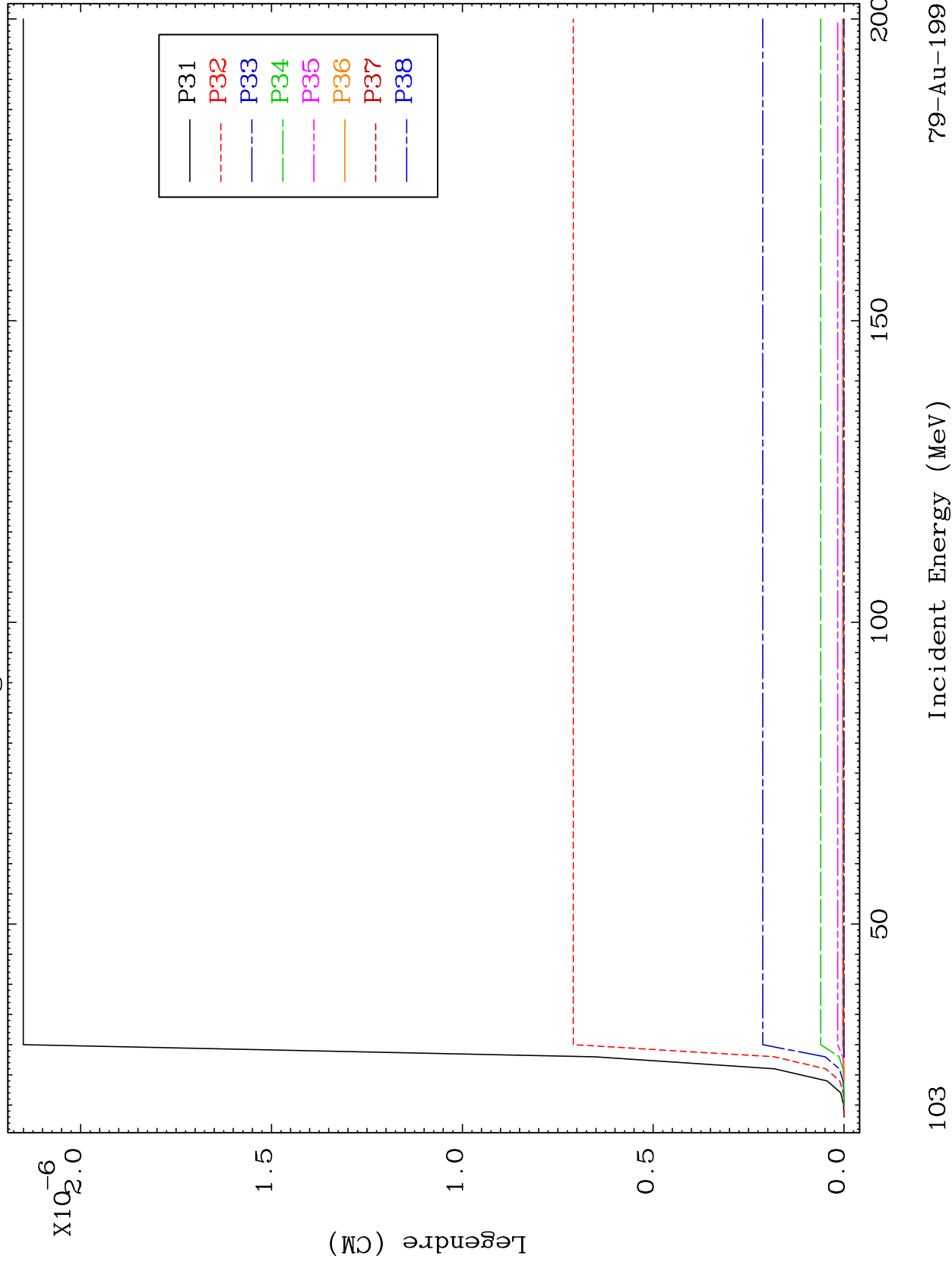
Incident Energy (MeV)

79-Au-199

MAT 7931

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

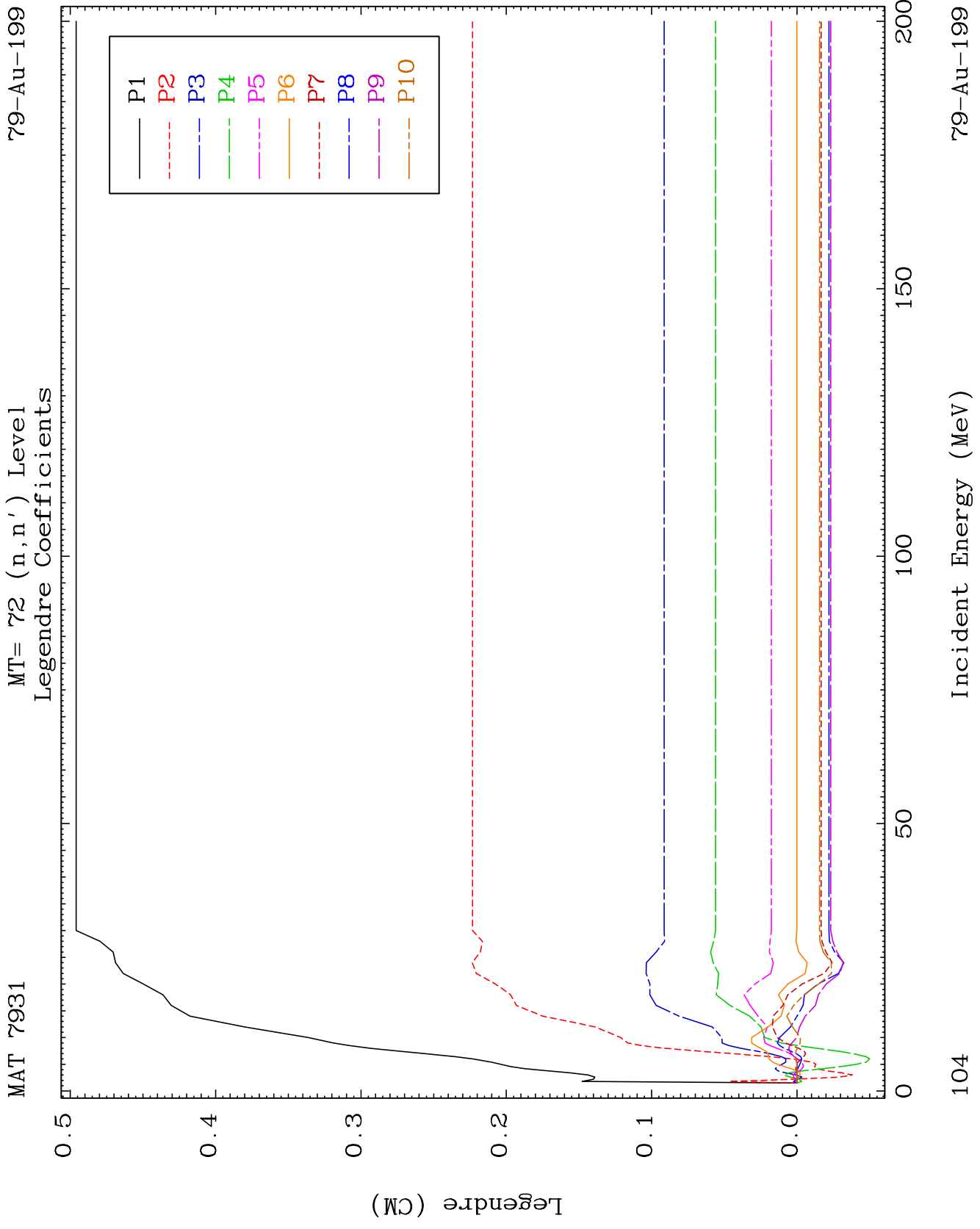
79-Au-199



103

Incident Energy (MeV)

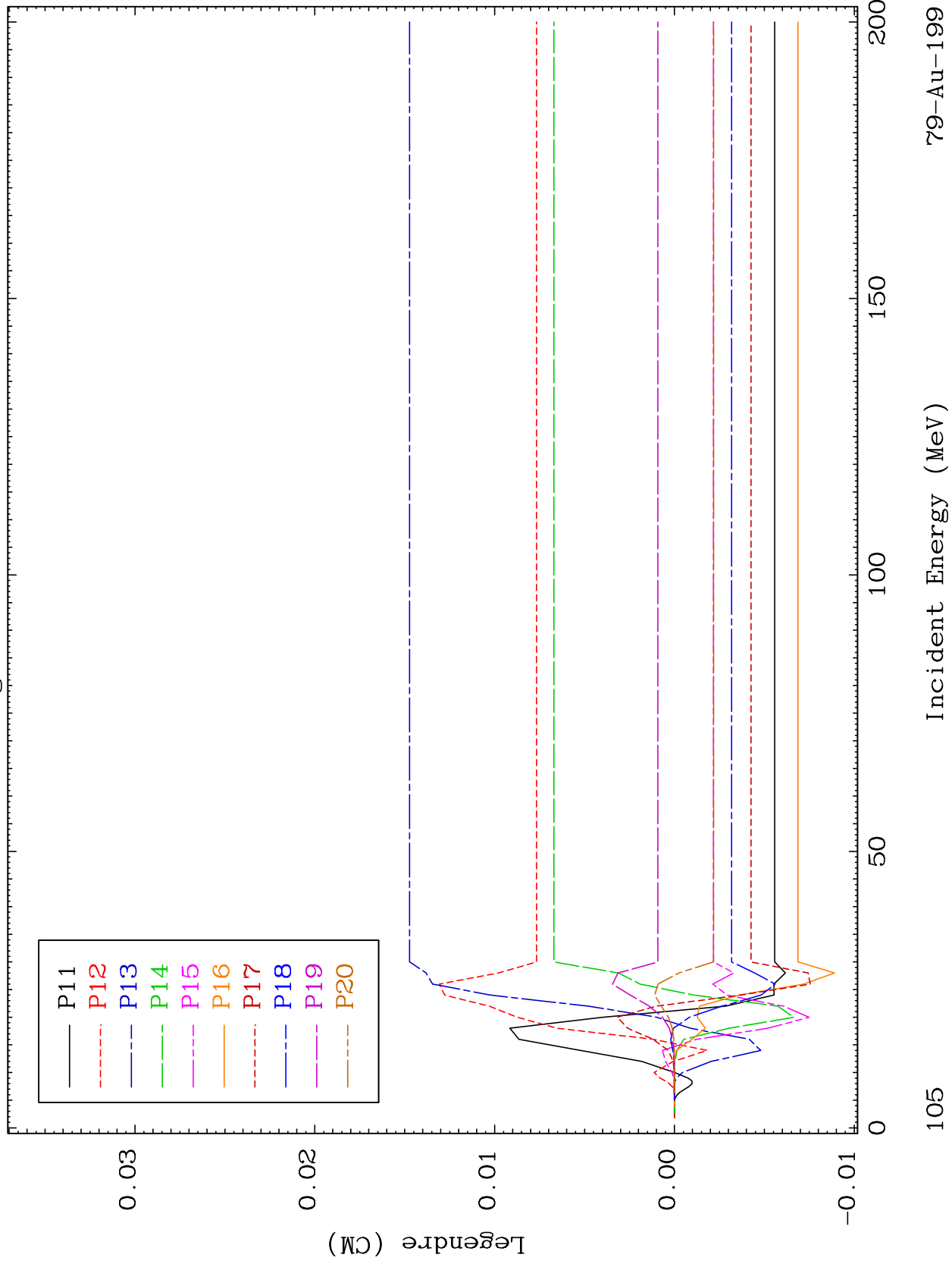
79-Au-199

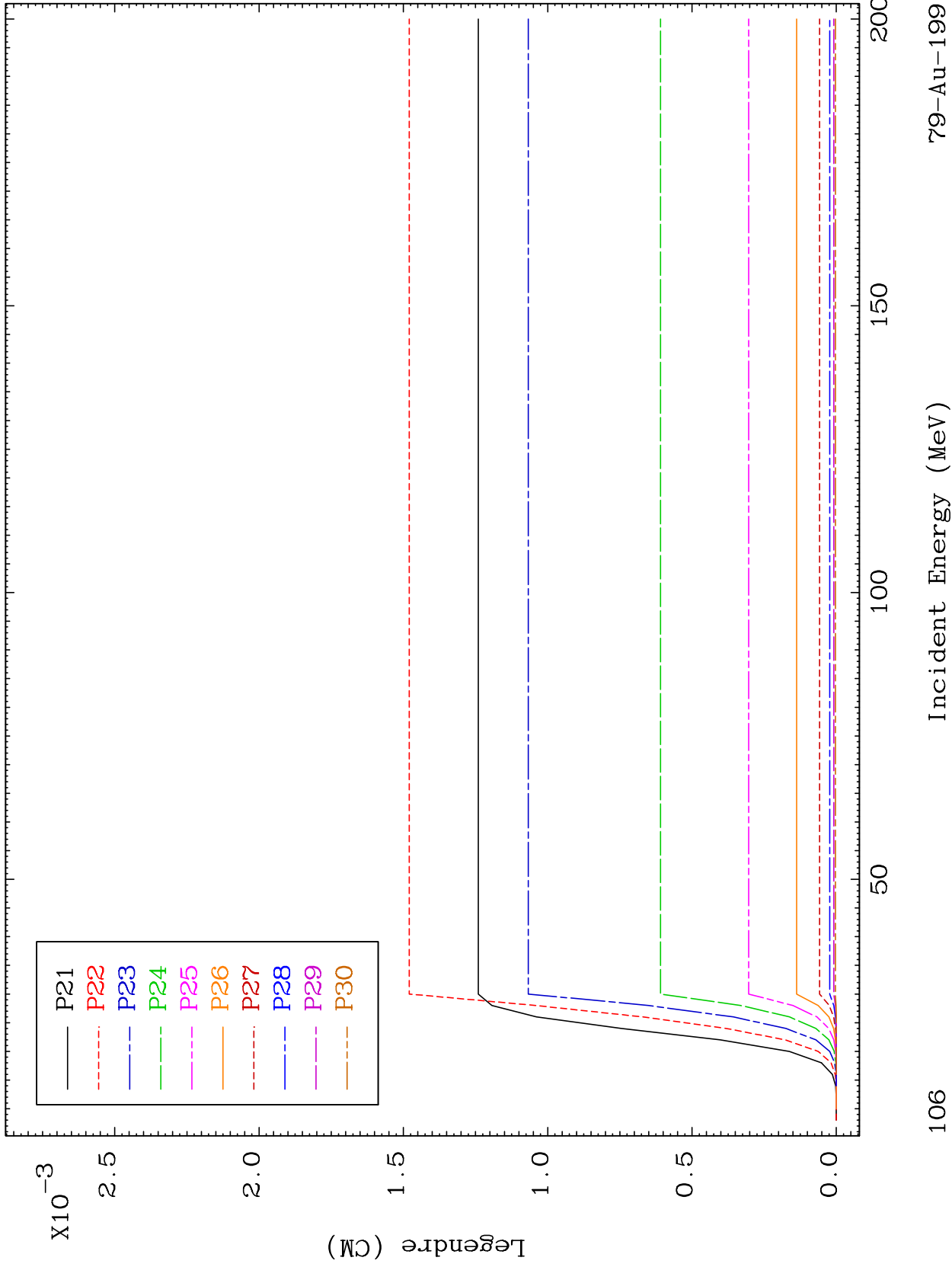


MAT 7931

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

79-Au-199

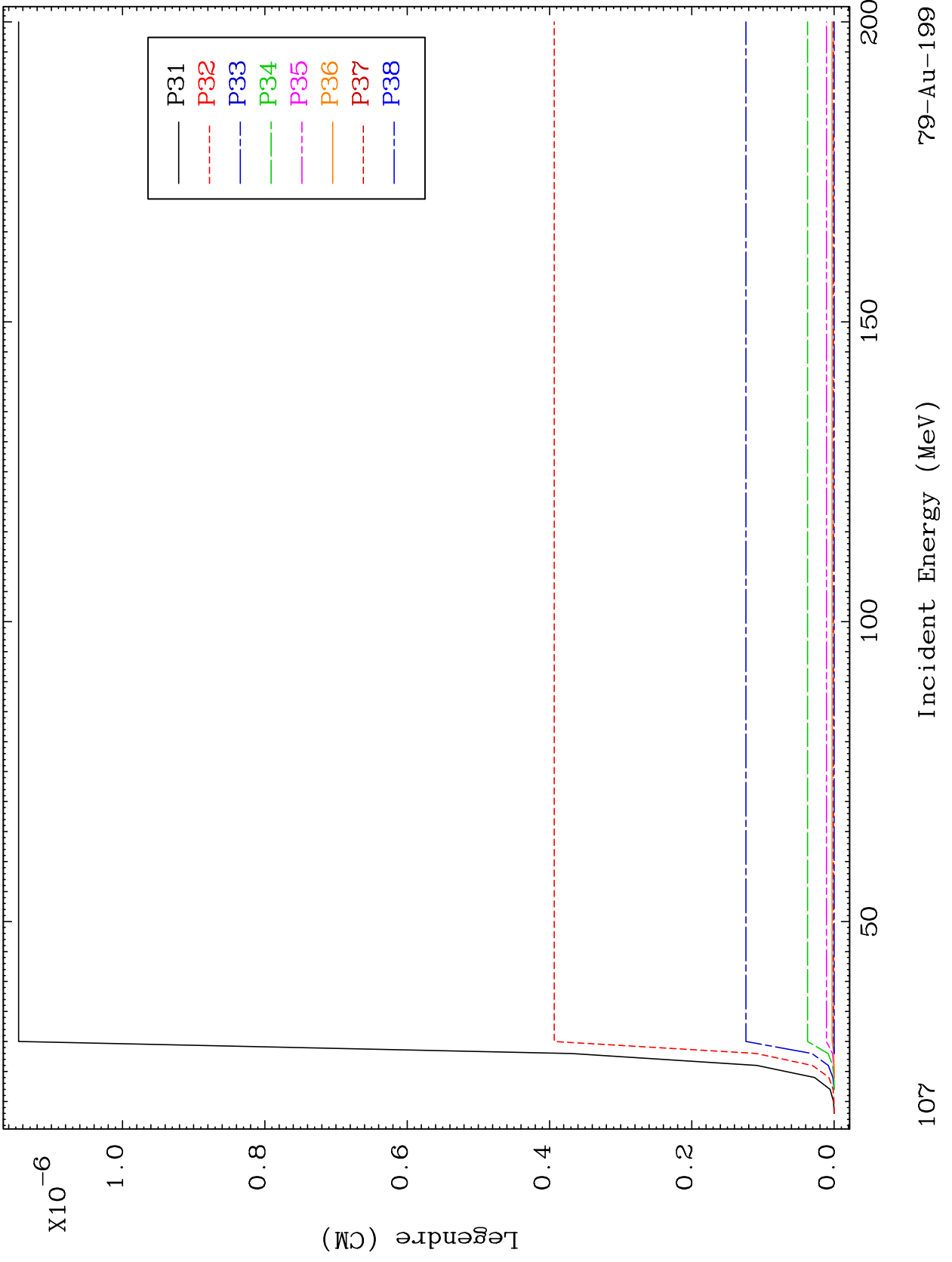




MAT 7931

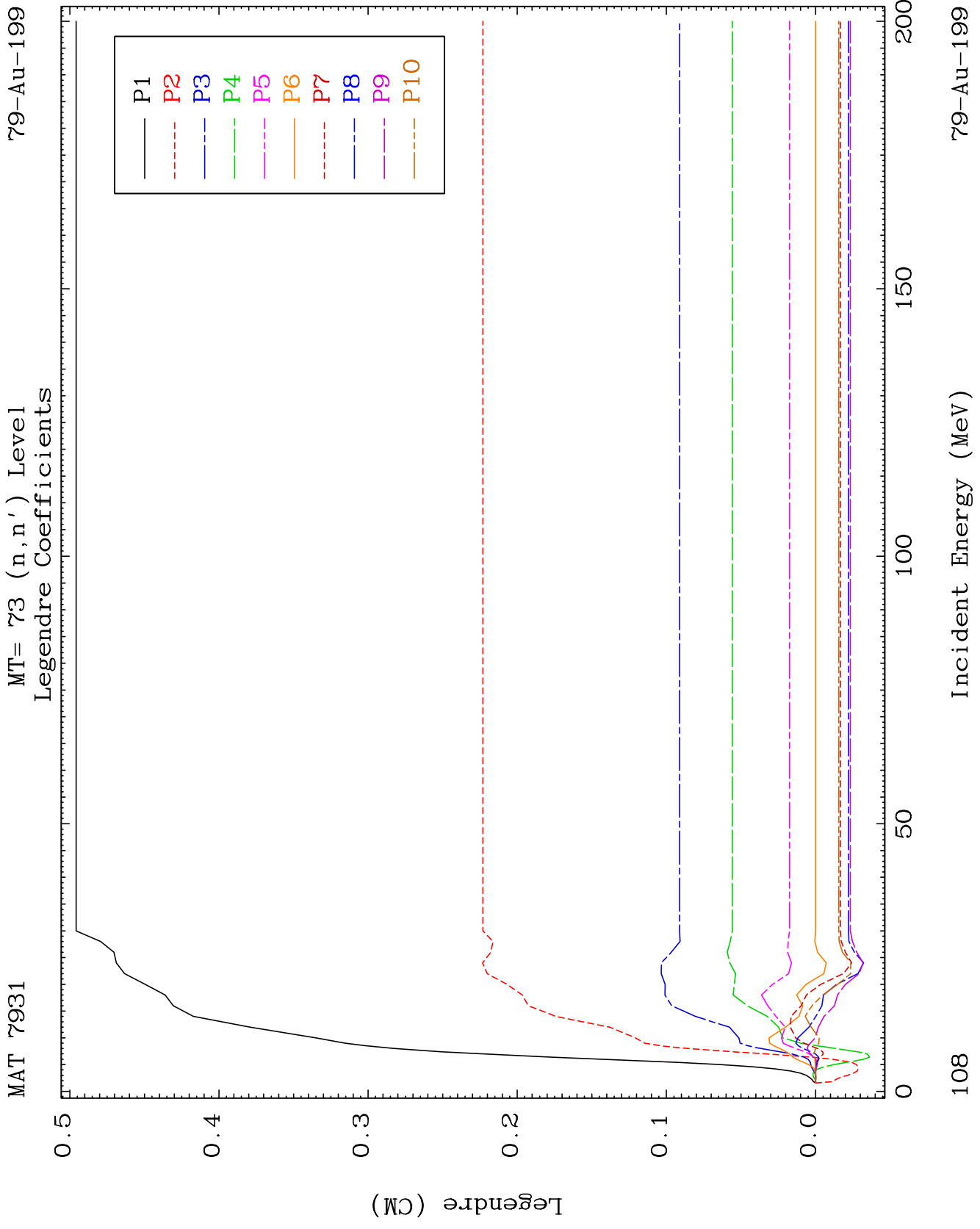
MT= 72 (n,n') Level
Legendre Coefficients

79-Au-199



107

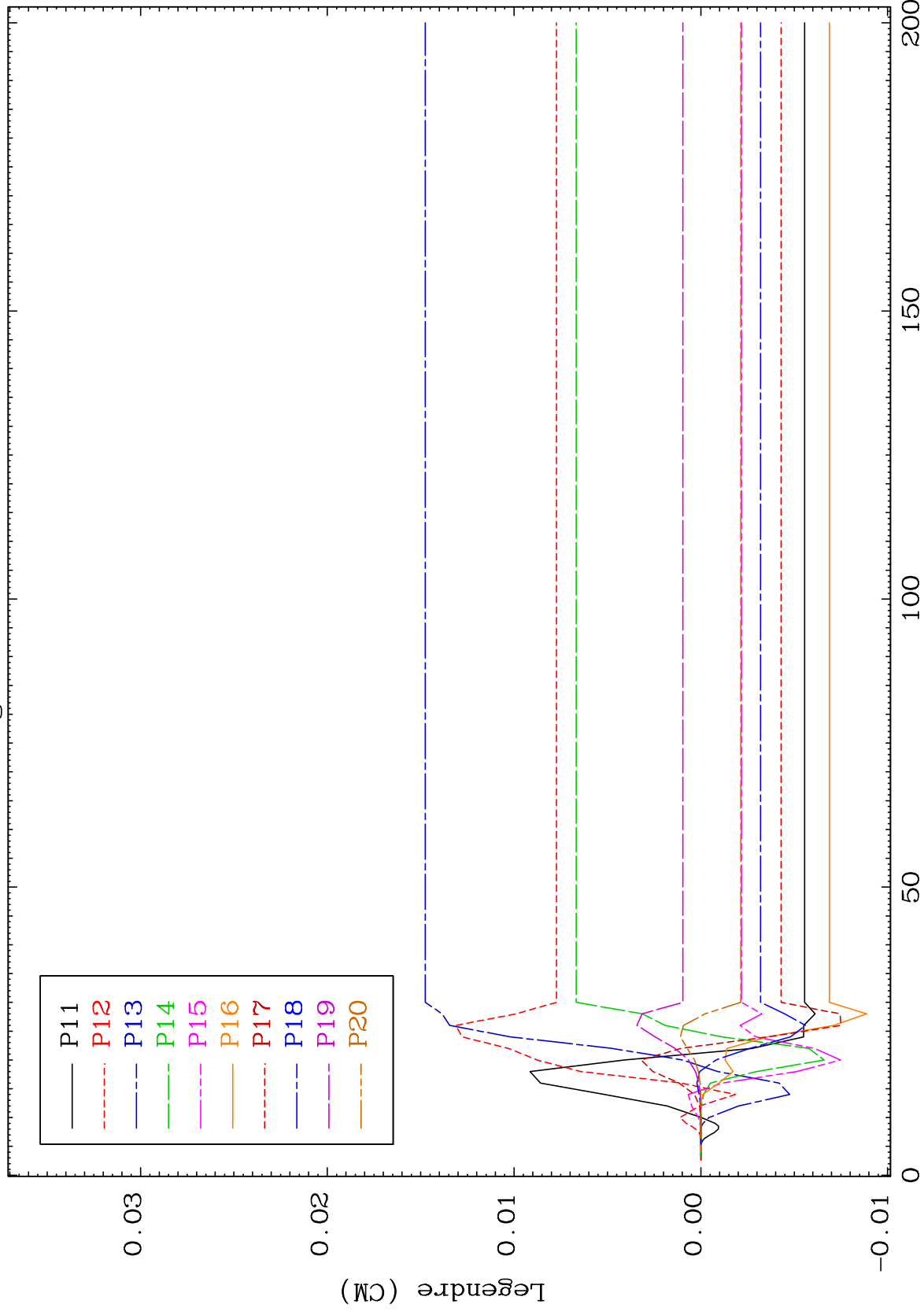
79-Au-199



MAT 7931

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

79-Au-199



109

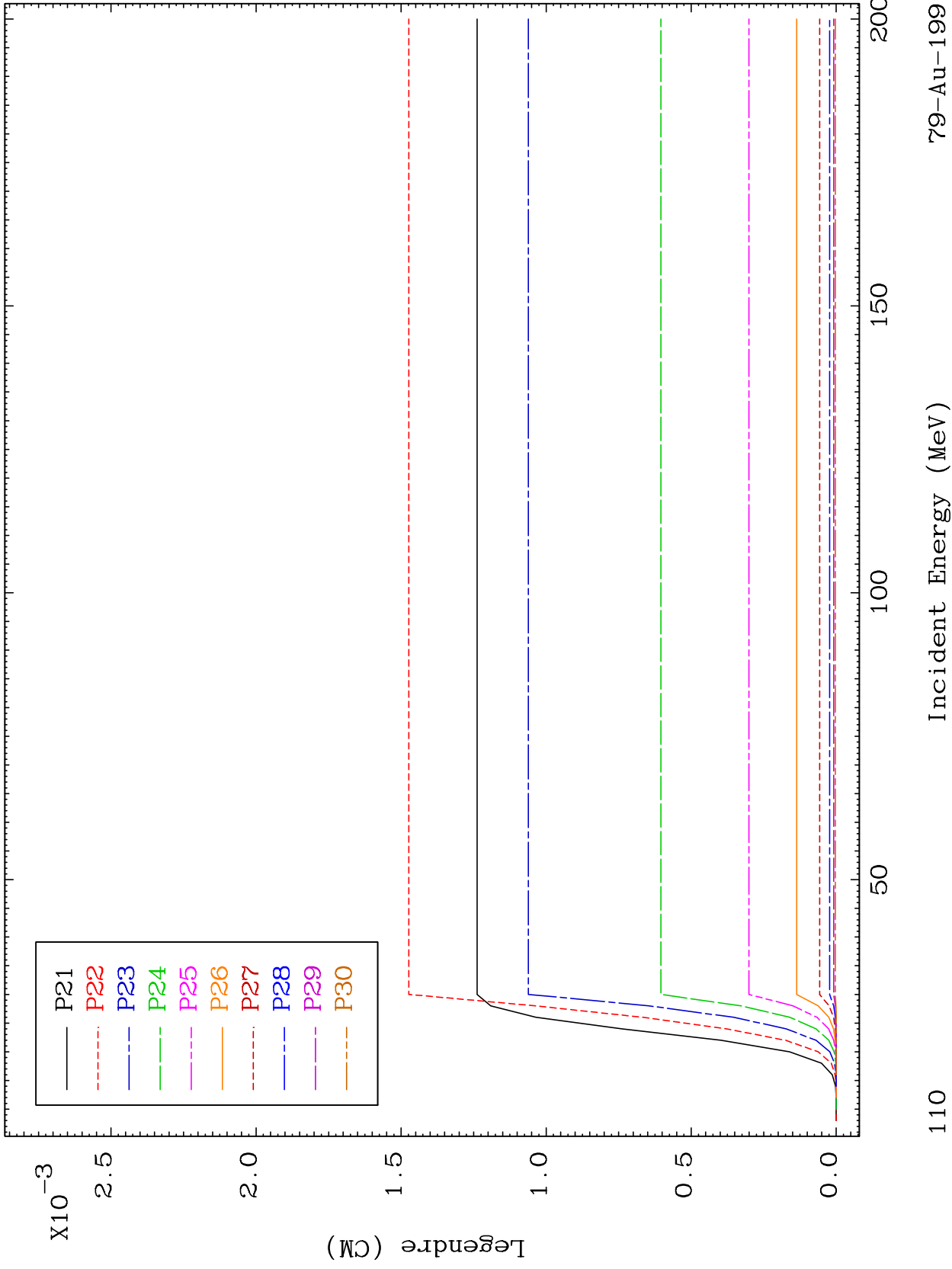
Incident Energy (MeV)

79-Au-199

MAT 7931

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

79-Au-199



79-Au-199

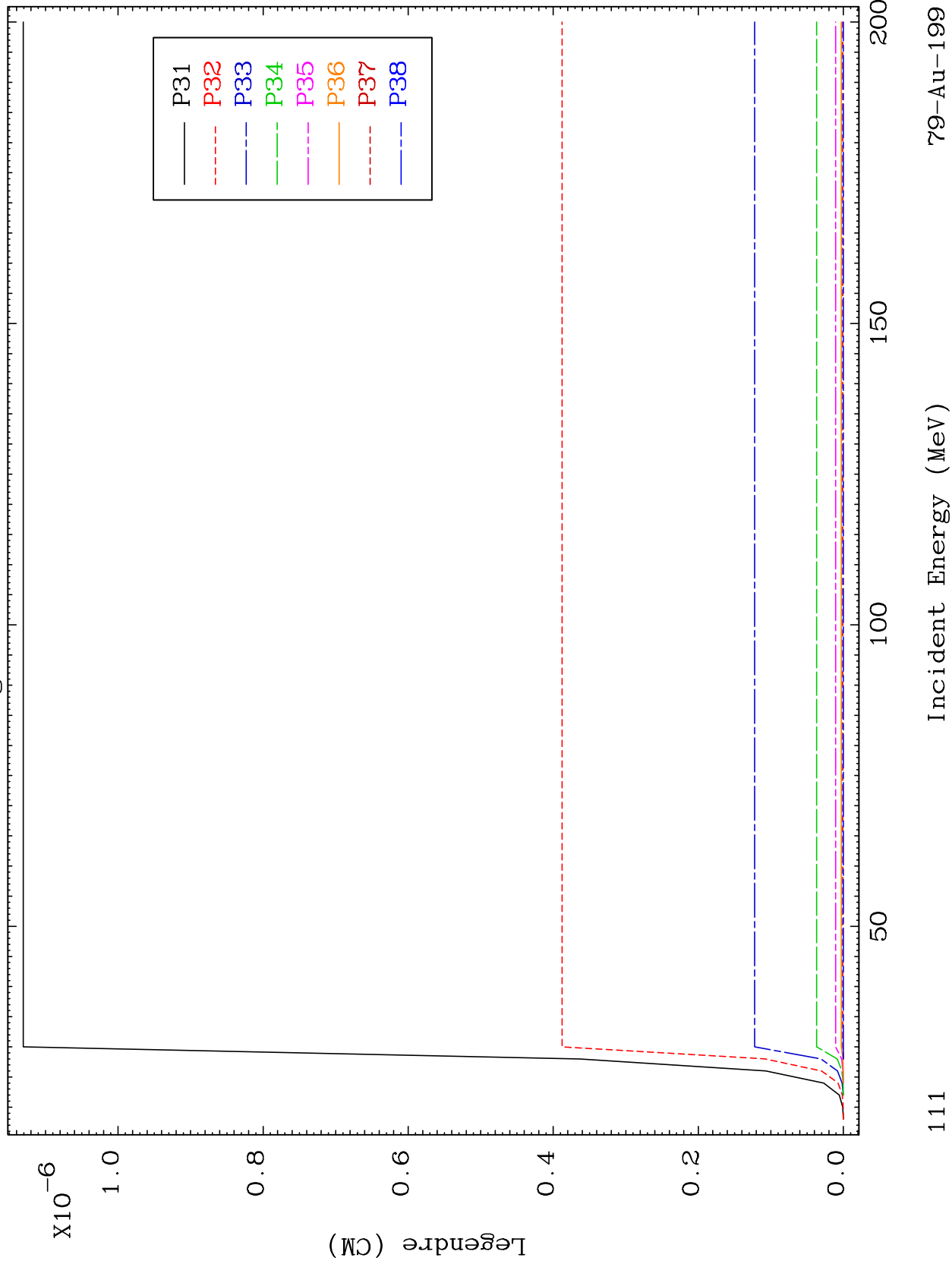
Incident Energy (MeV)

110

MAT 7931

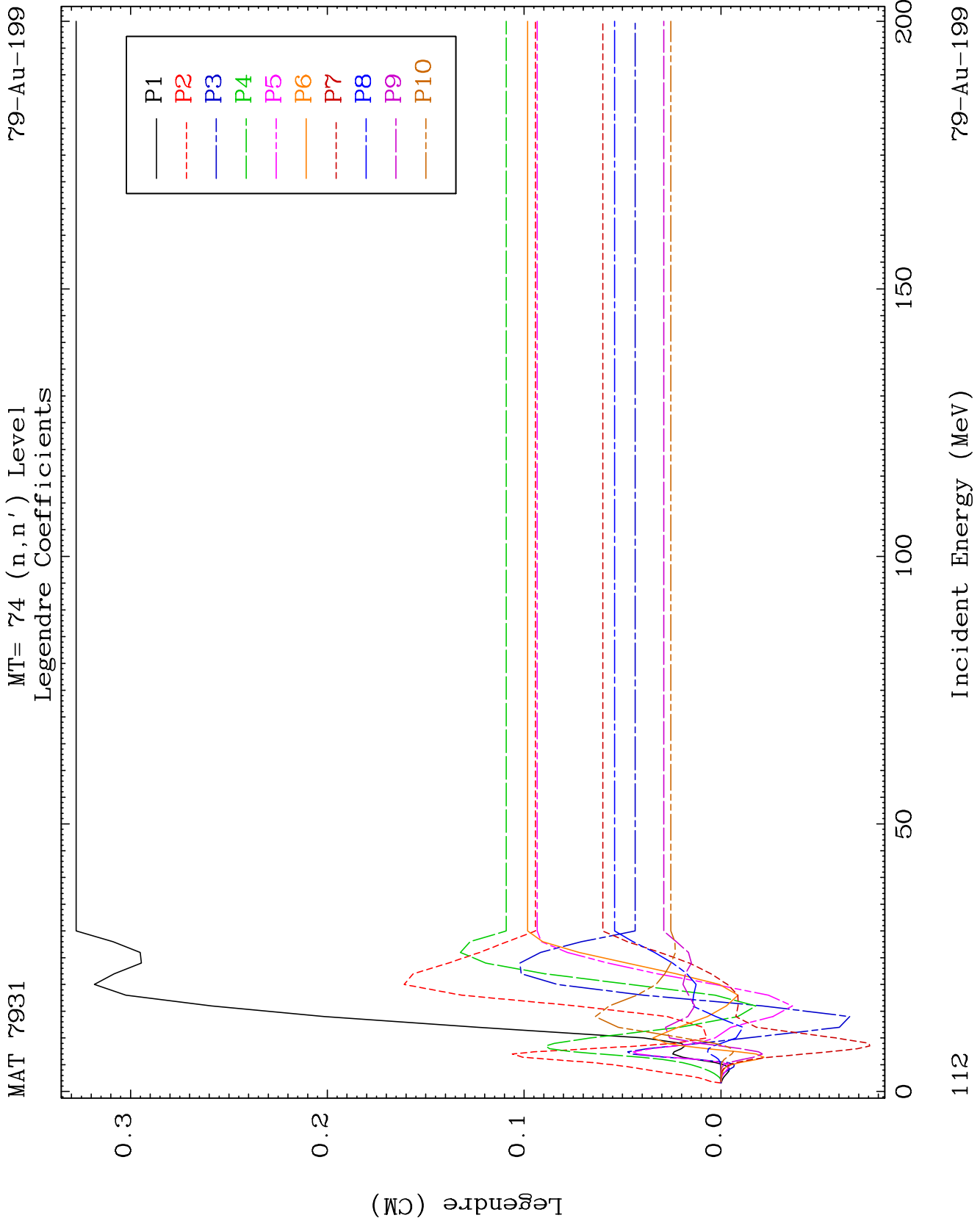
MT= 73 (n,n') Level
Legendre Coefficients

79-Au-199



111

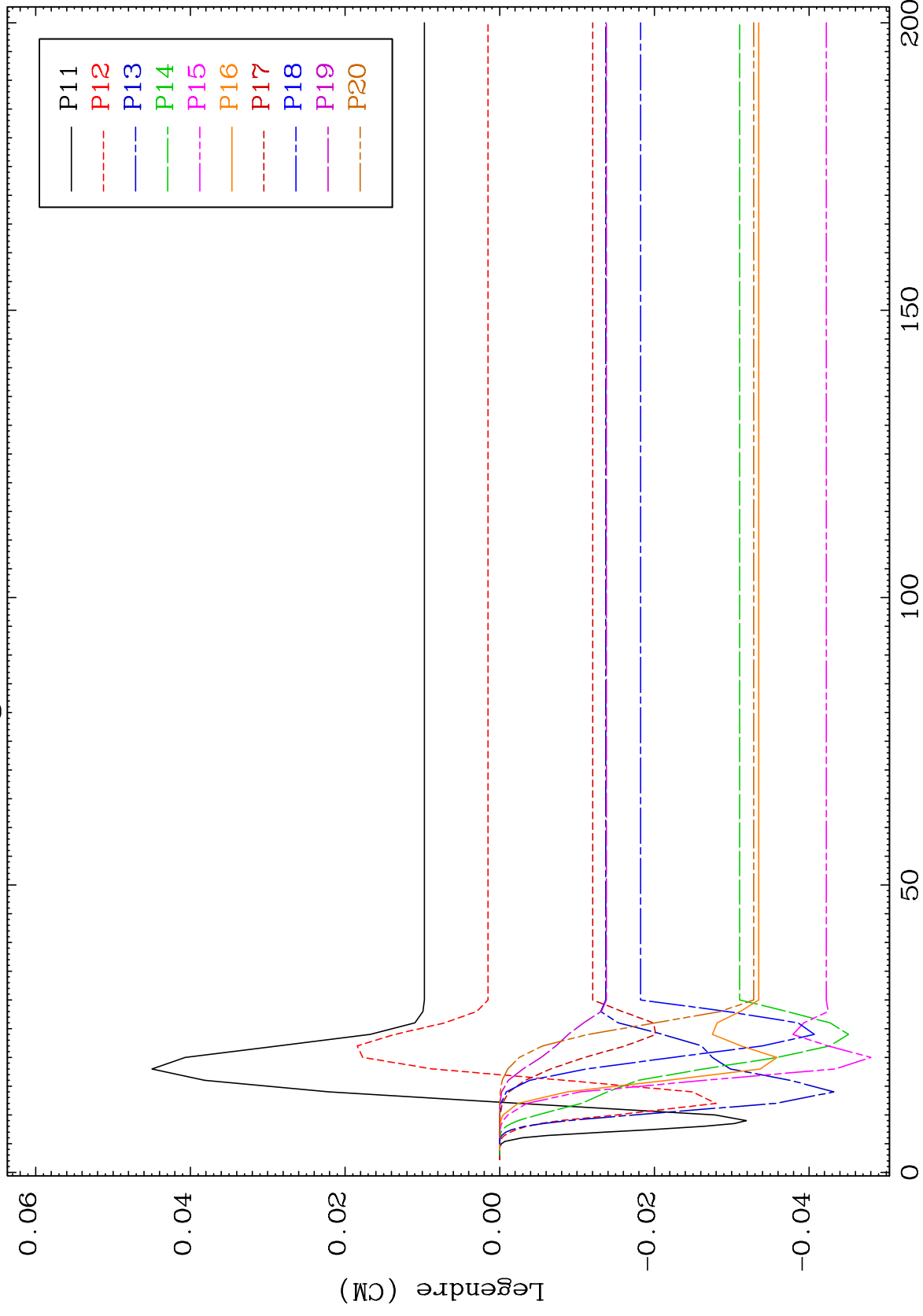
79-Au-199



MAT 7931

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

79-Au-199



113

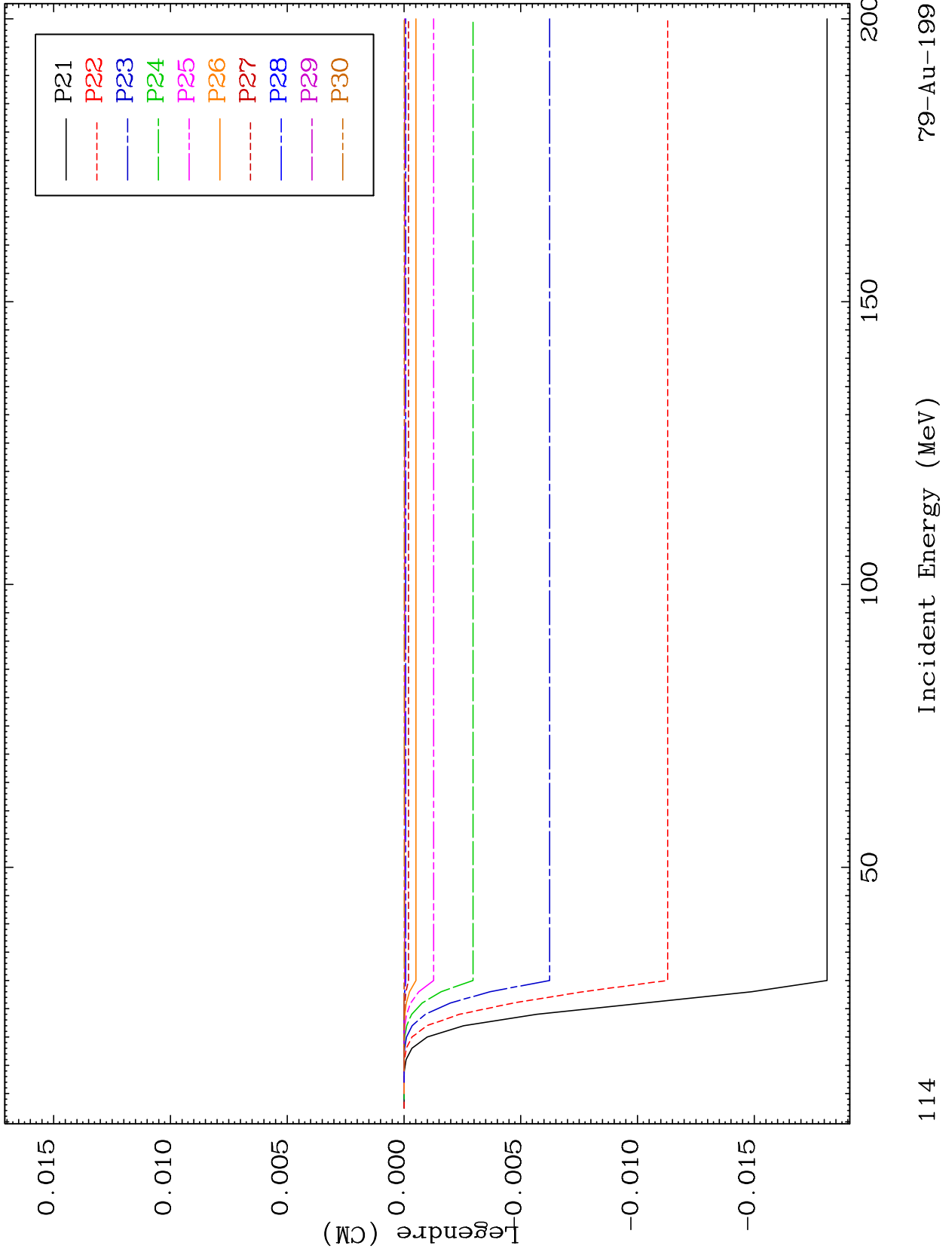
Incident Energy (MeV)

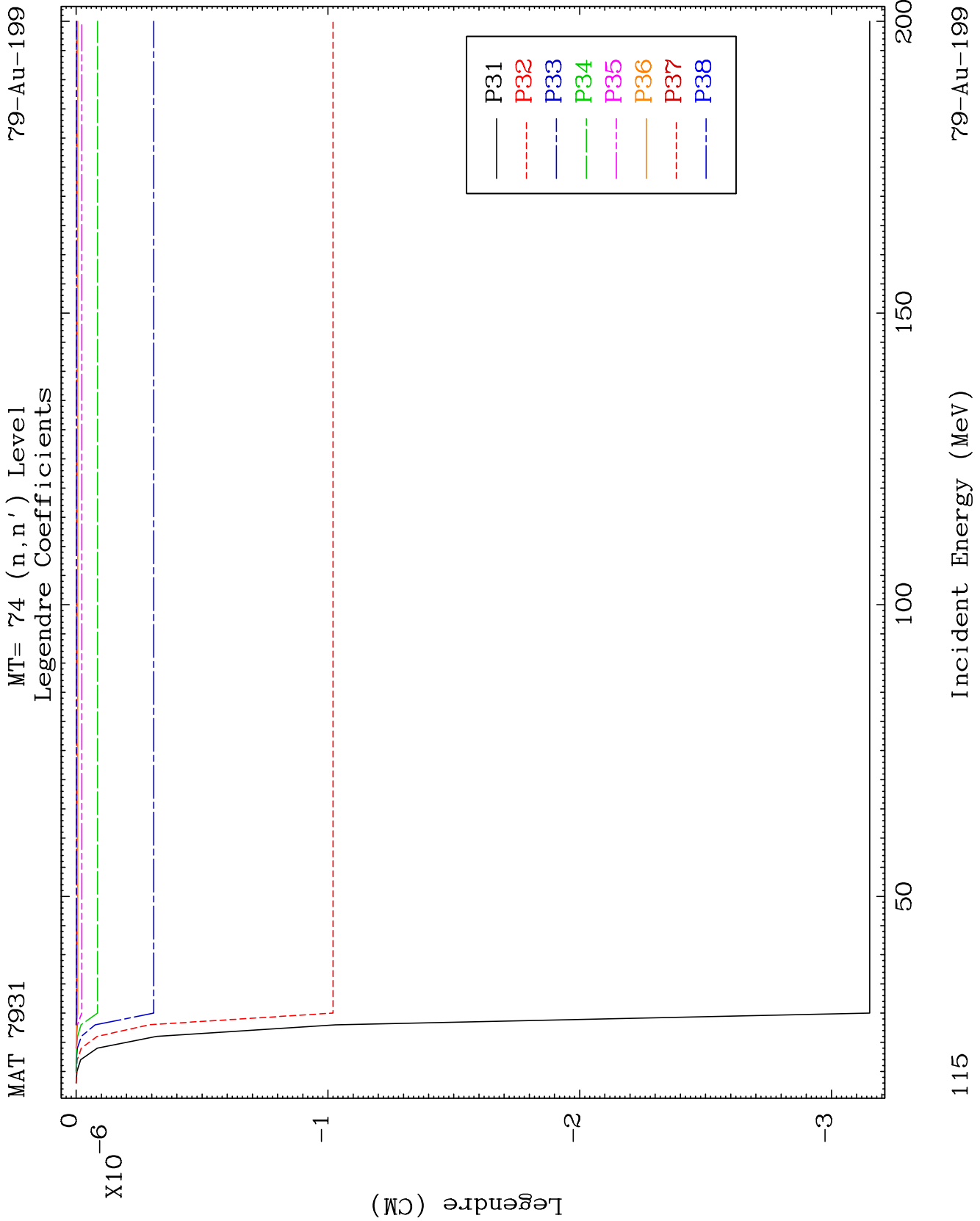
79-Au-199

MAT 7931

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

79-Au-199

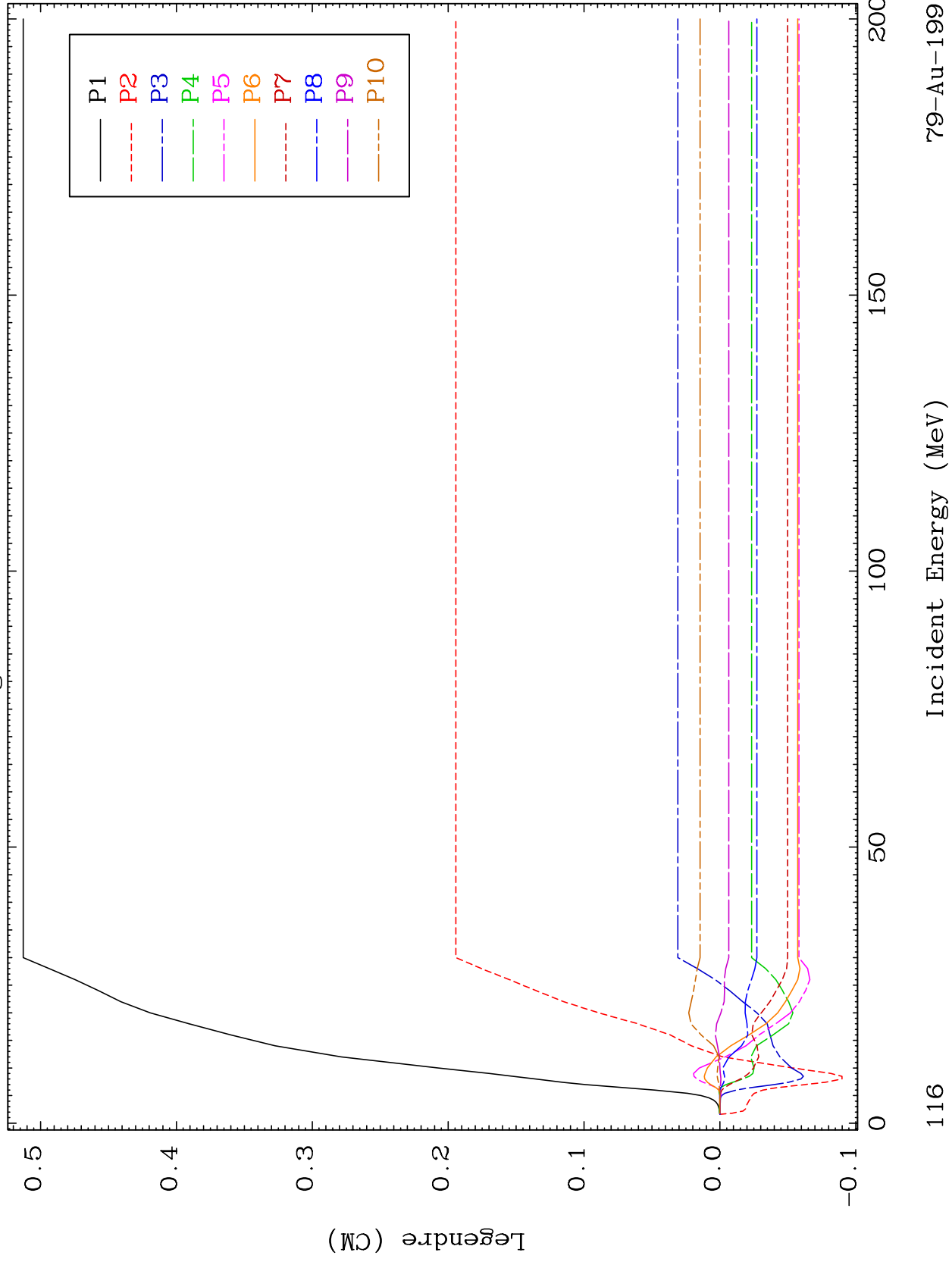




MAT 7931

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

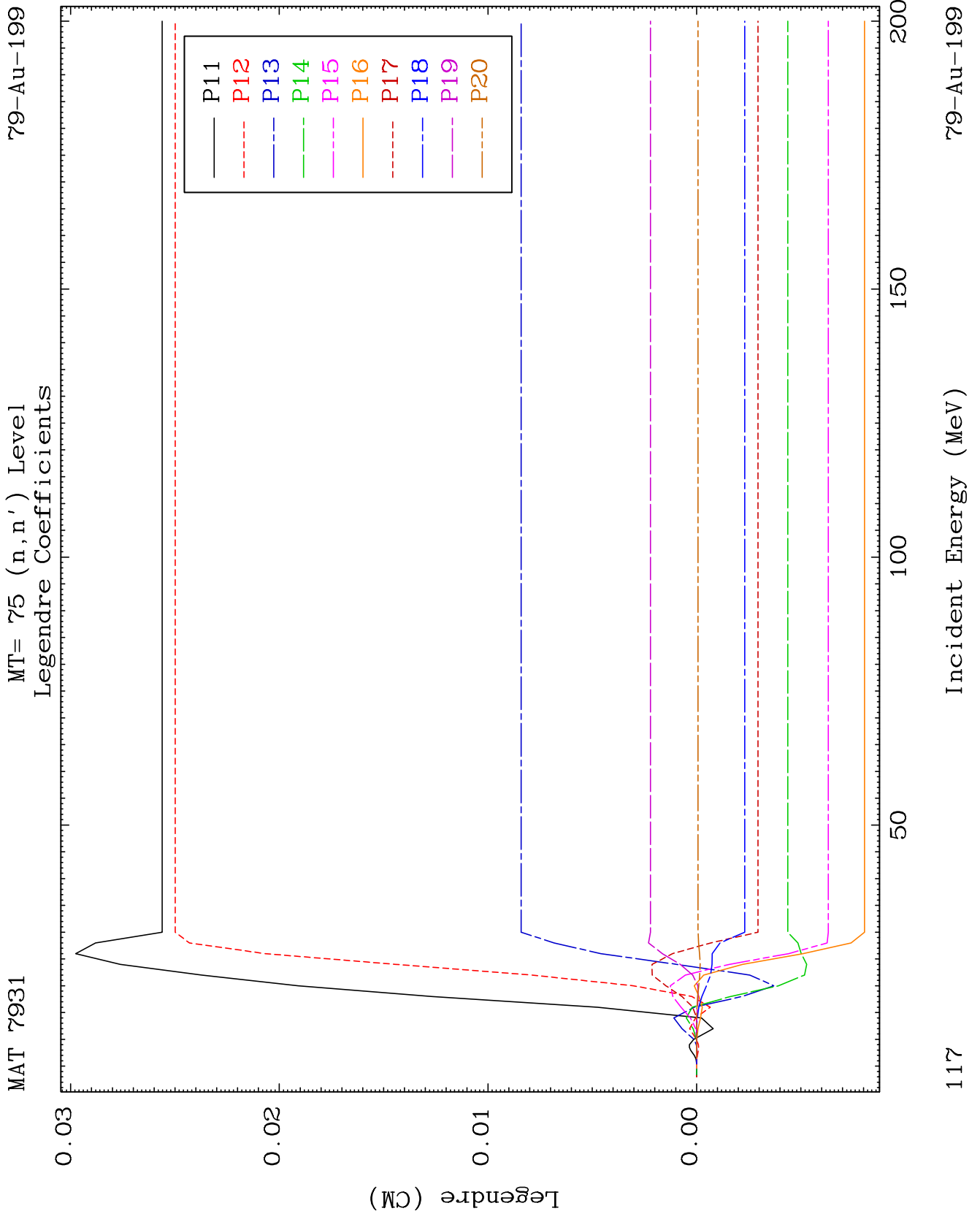
79-Au-199



79-Au-199

Incident Energy (MeV)

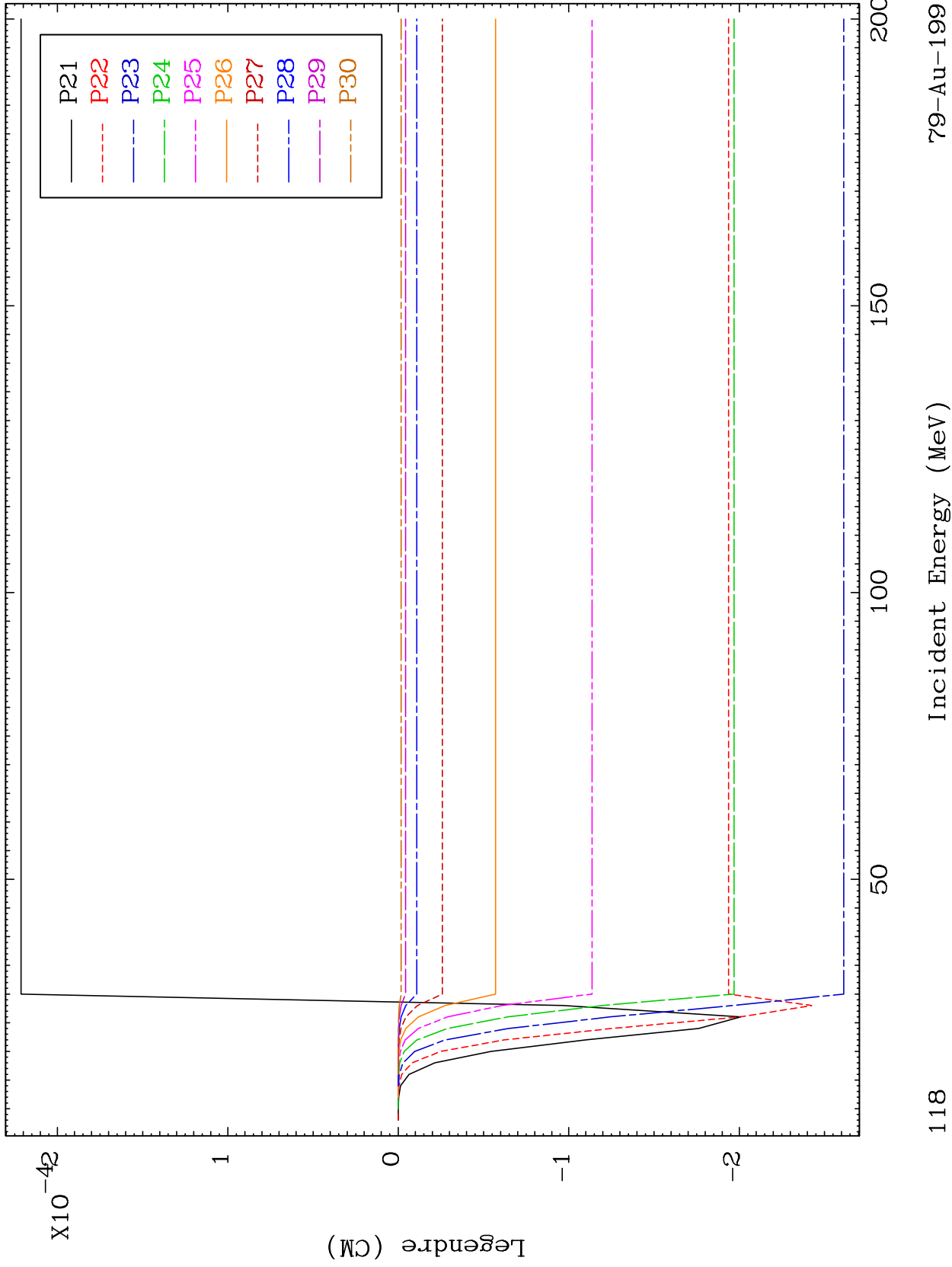
116



MAT 7931

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

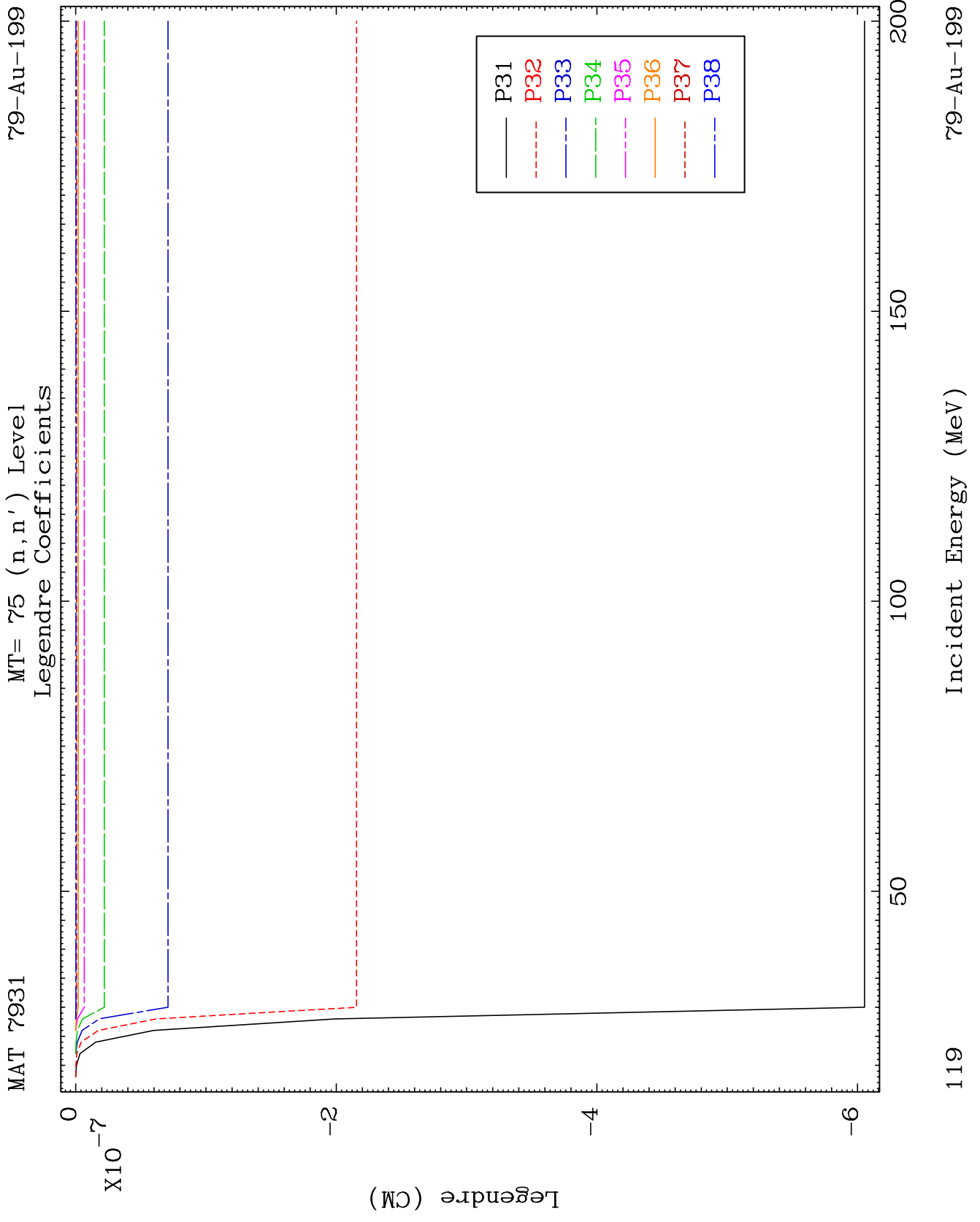
79-Au-199



118

Incident Energy (MeV)

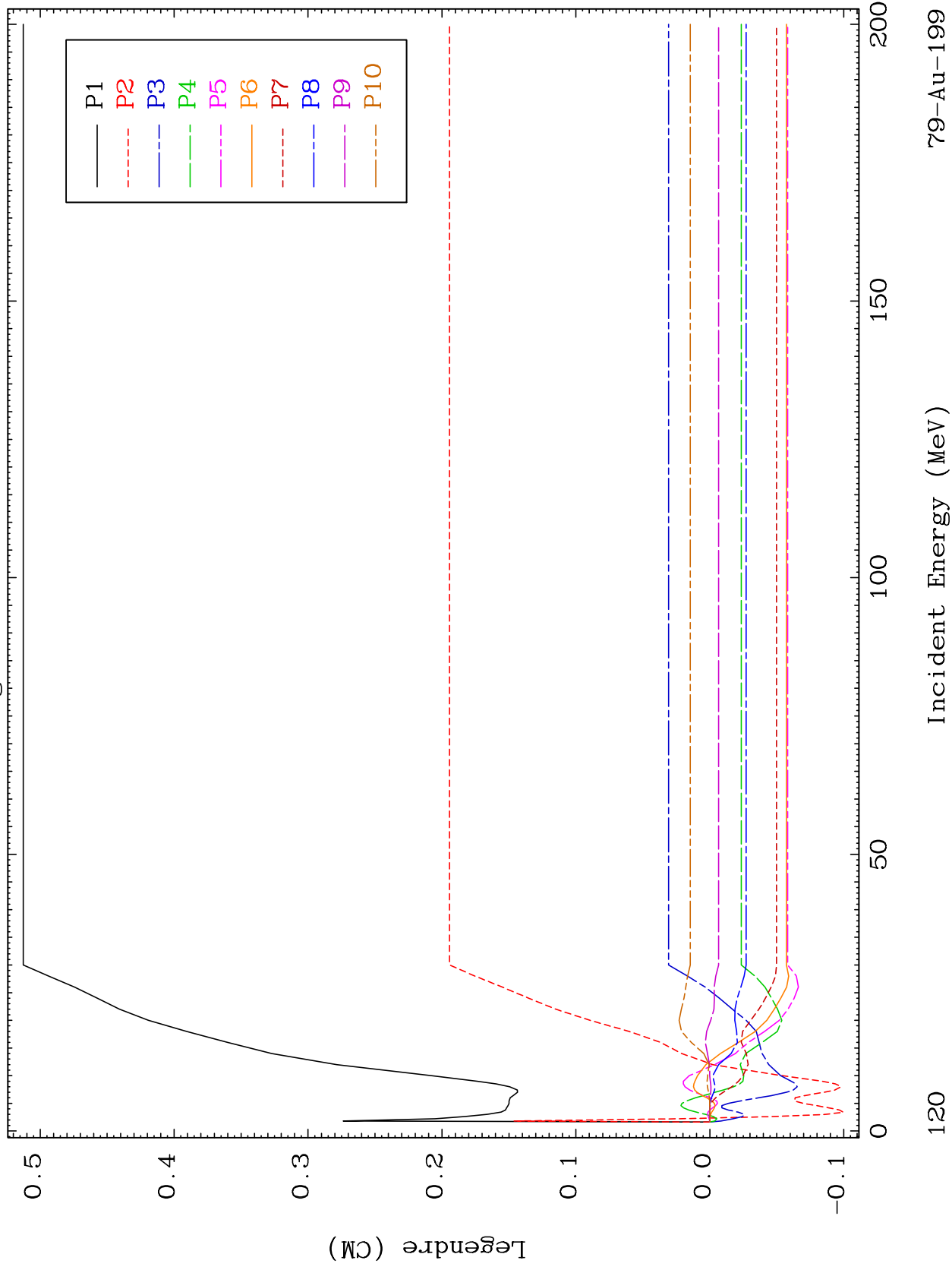
79-Au-199

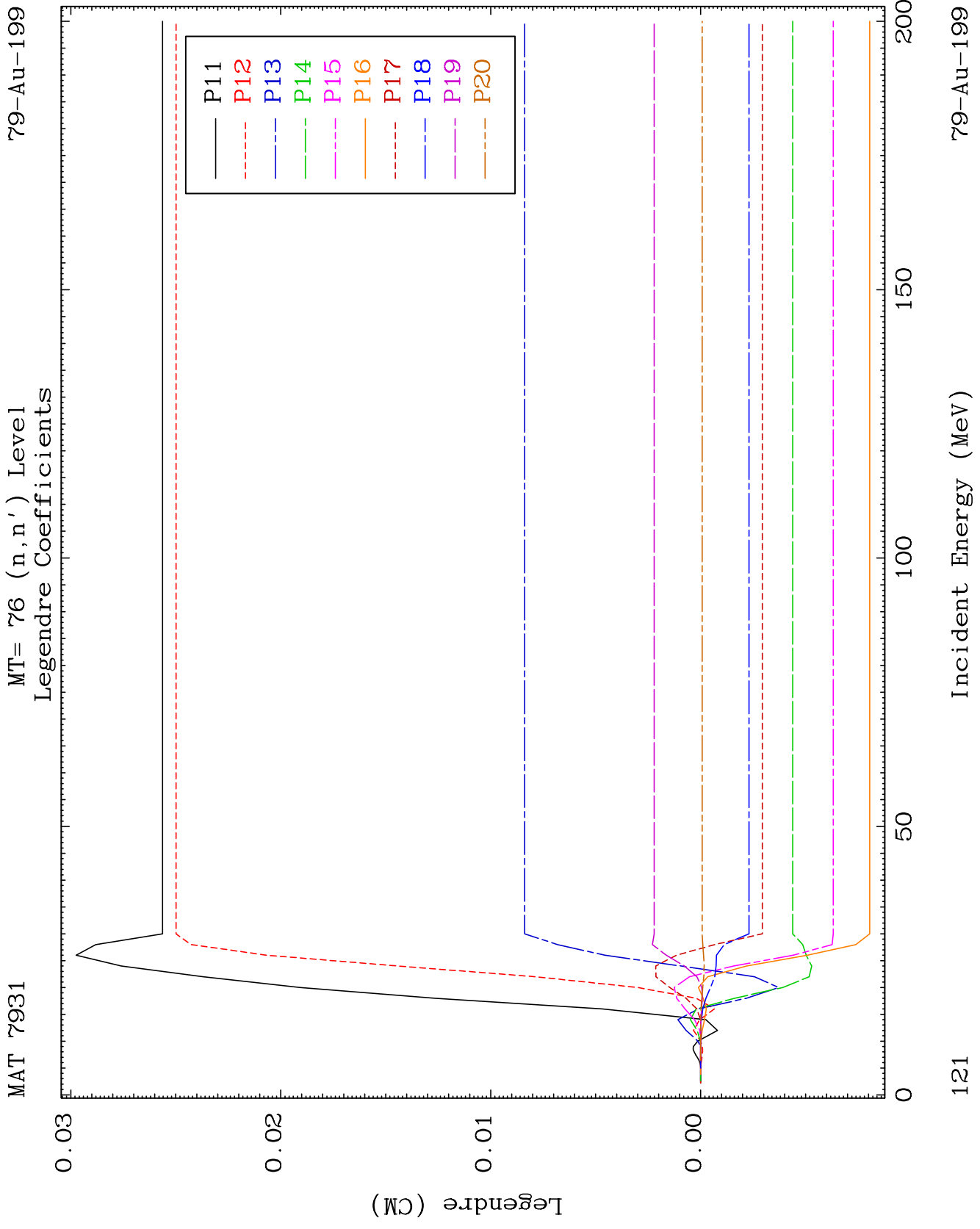


MAT 7931

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

79-Au-199

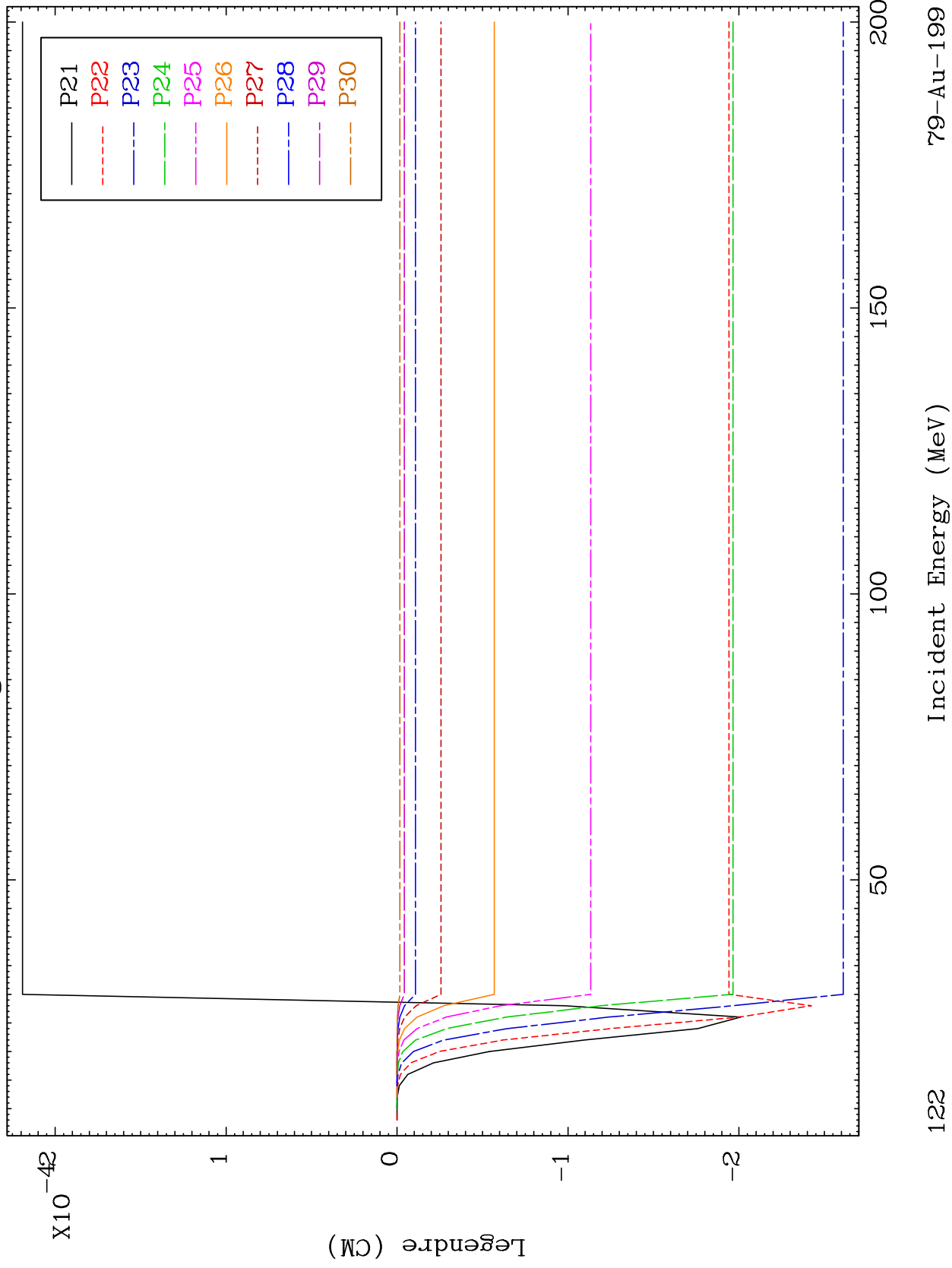




MAT 7931

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

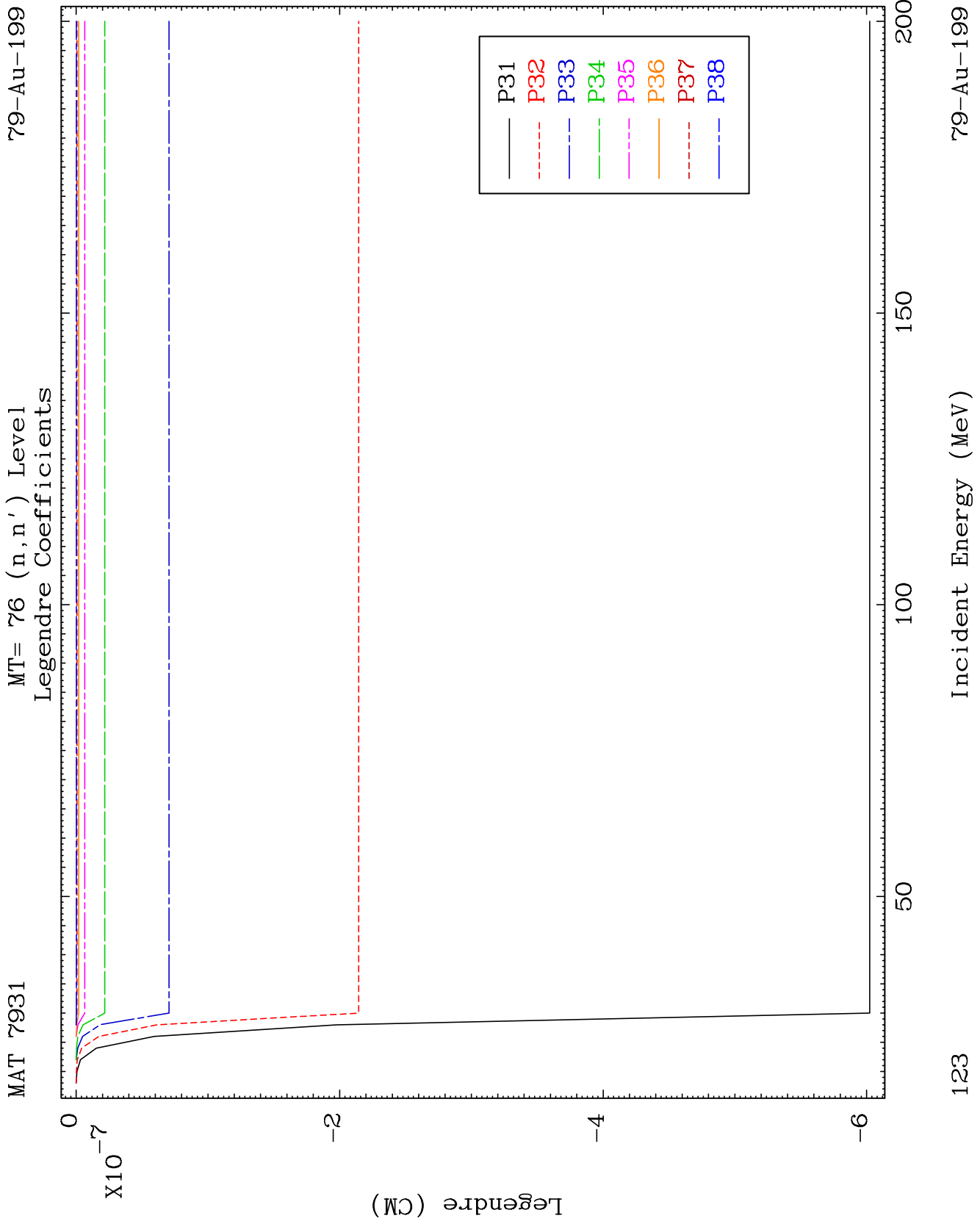
79-Au-199



122

Incident Energy (MeV)

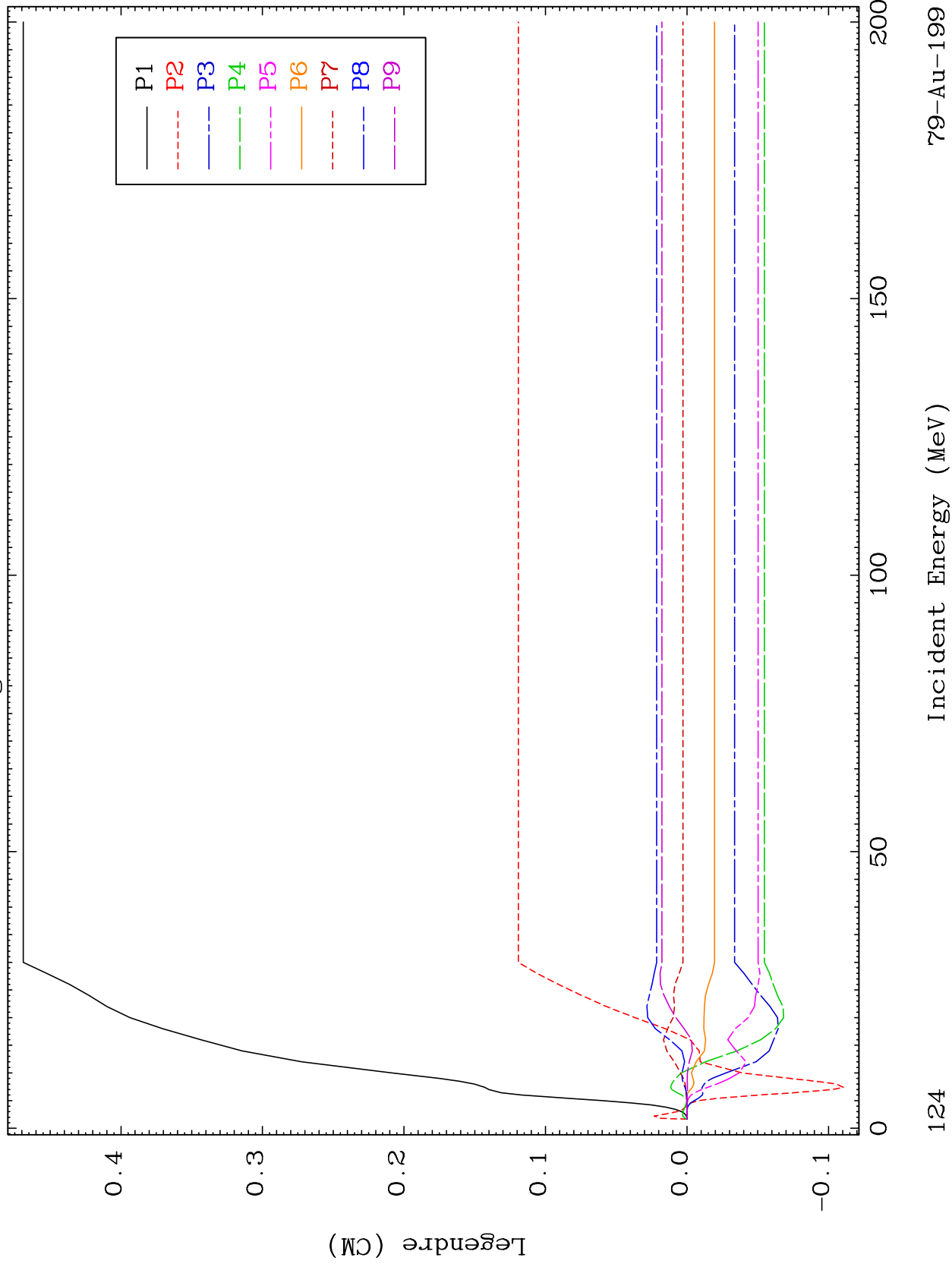
79-Au-199



MAT 7931

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

79-Au-199



79-Au-199

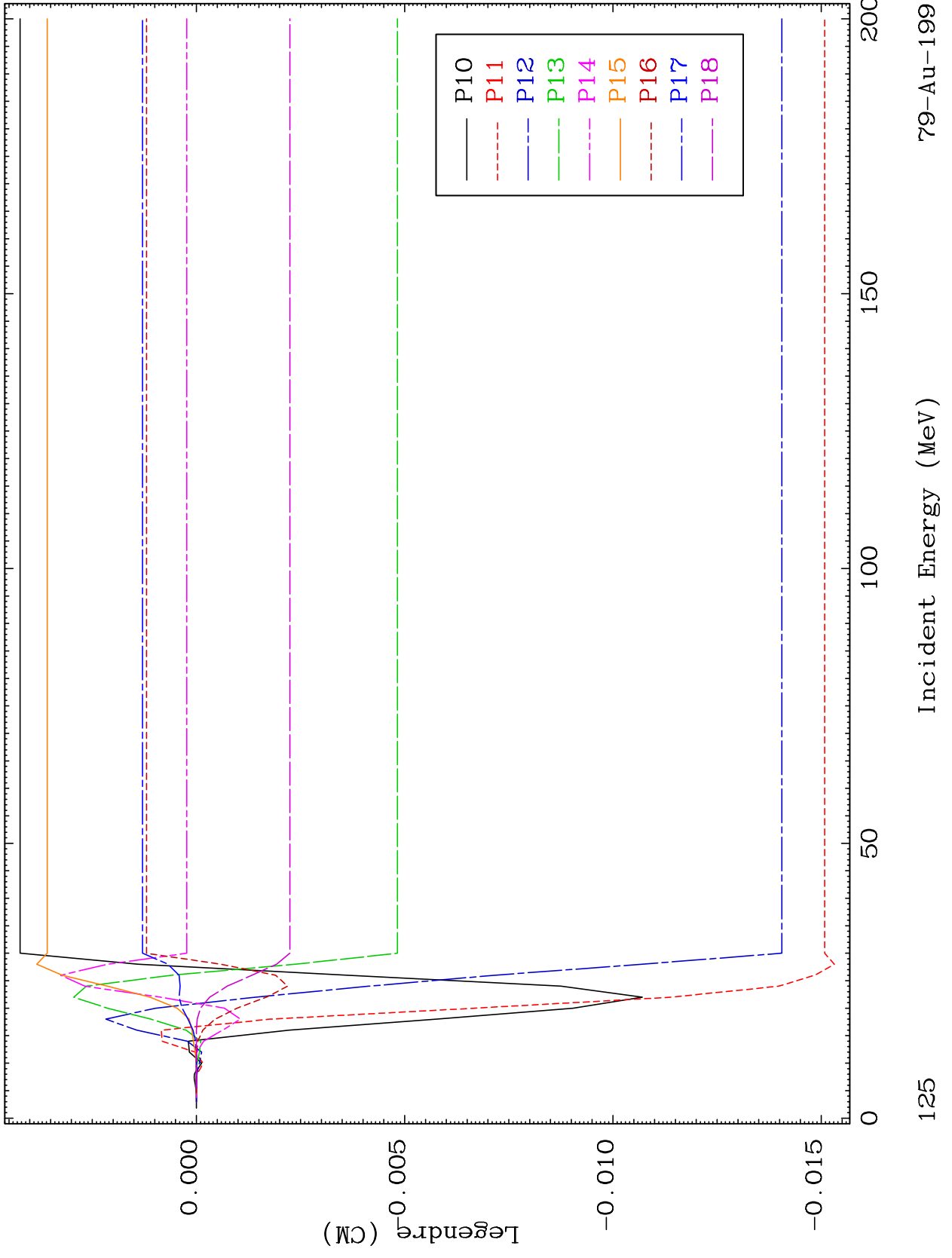
Incident Energy (MeV)

124

MAT 7931

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

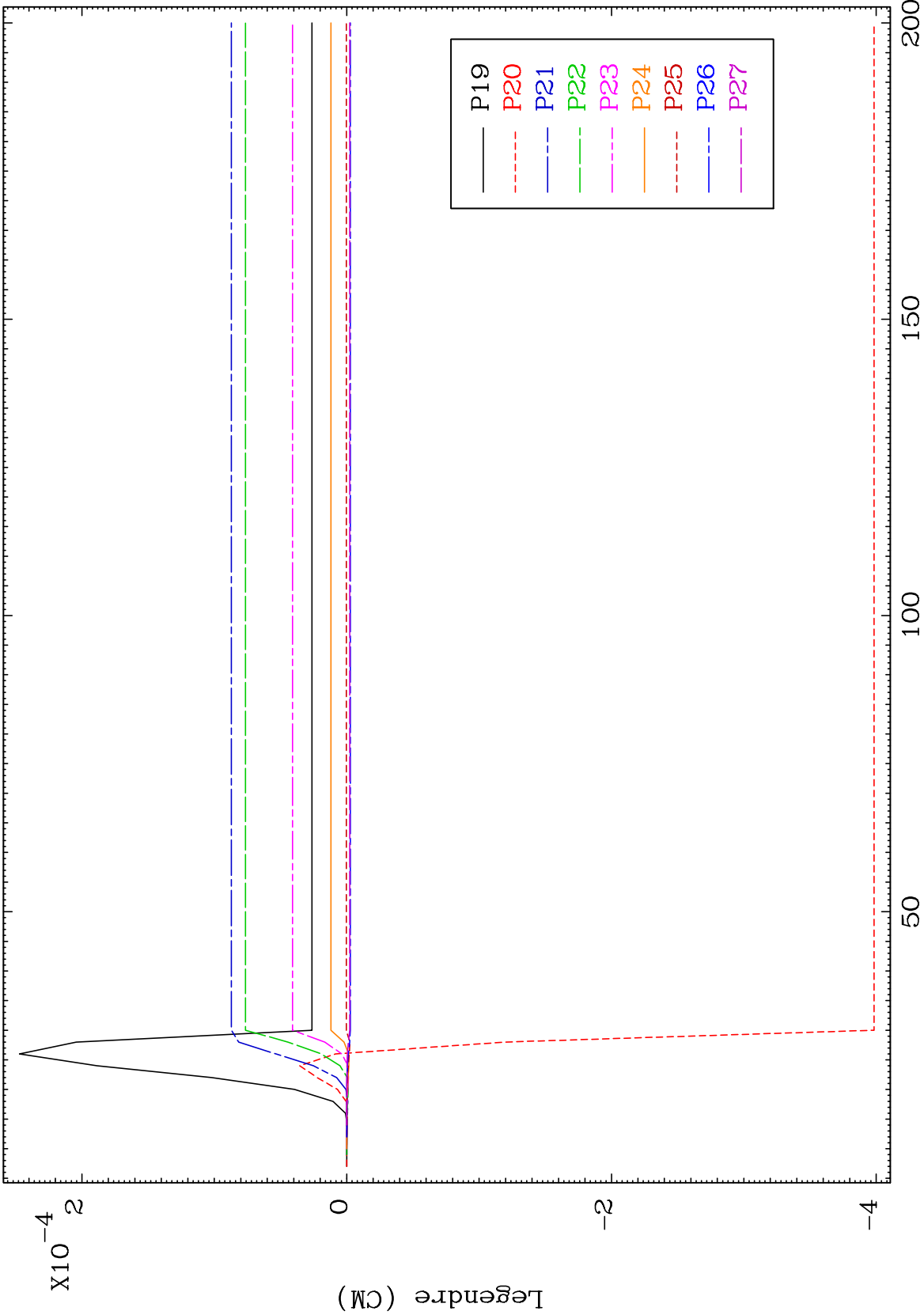
79-Au-199

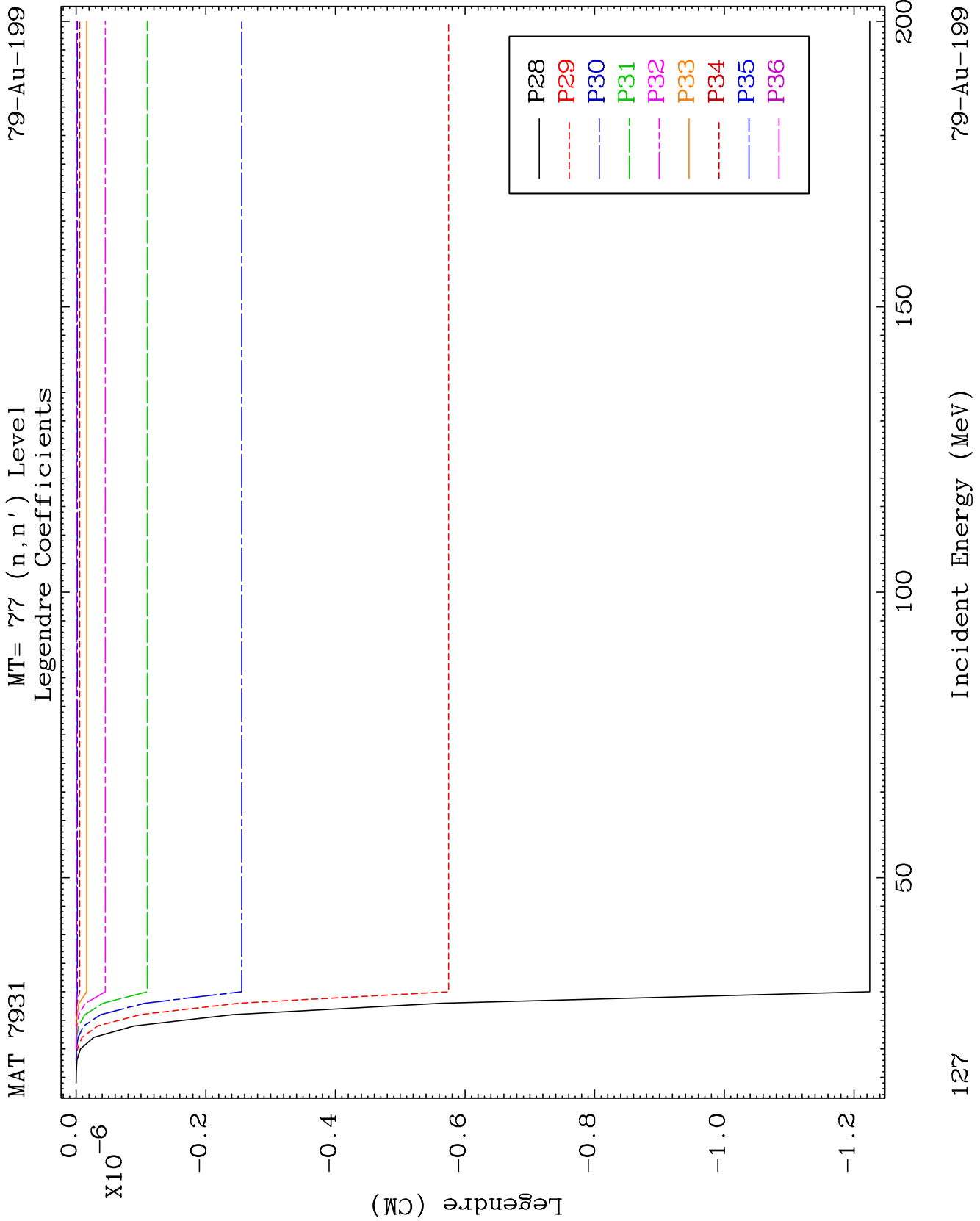


79-Au-199

Incident Energy (MeV)

125

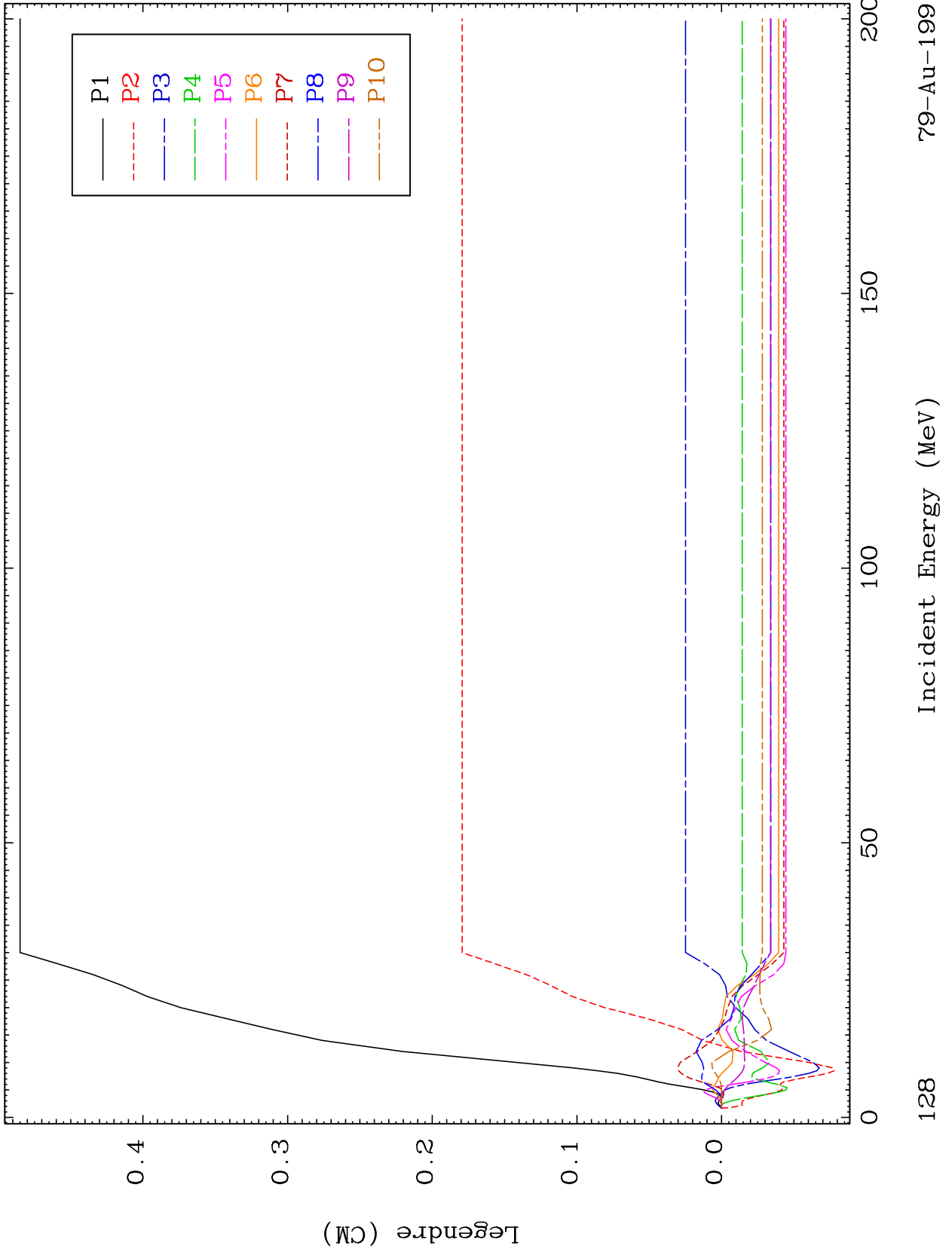




MAT 7931

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

79-Au-199



79-Au-199

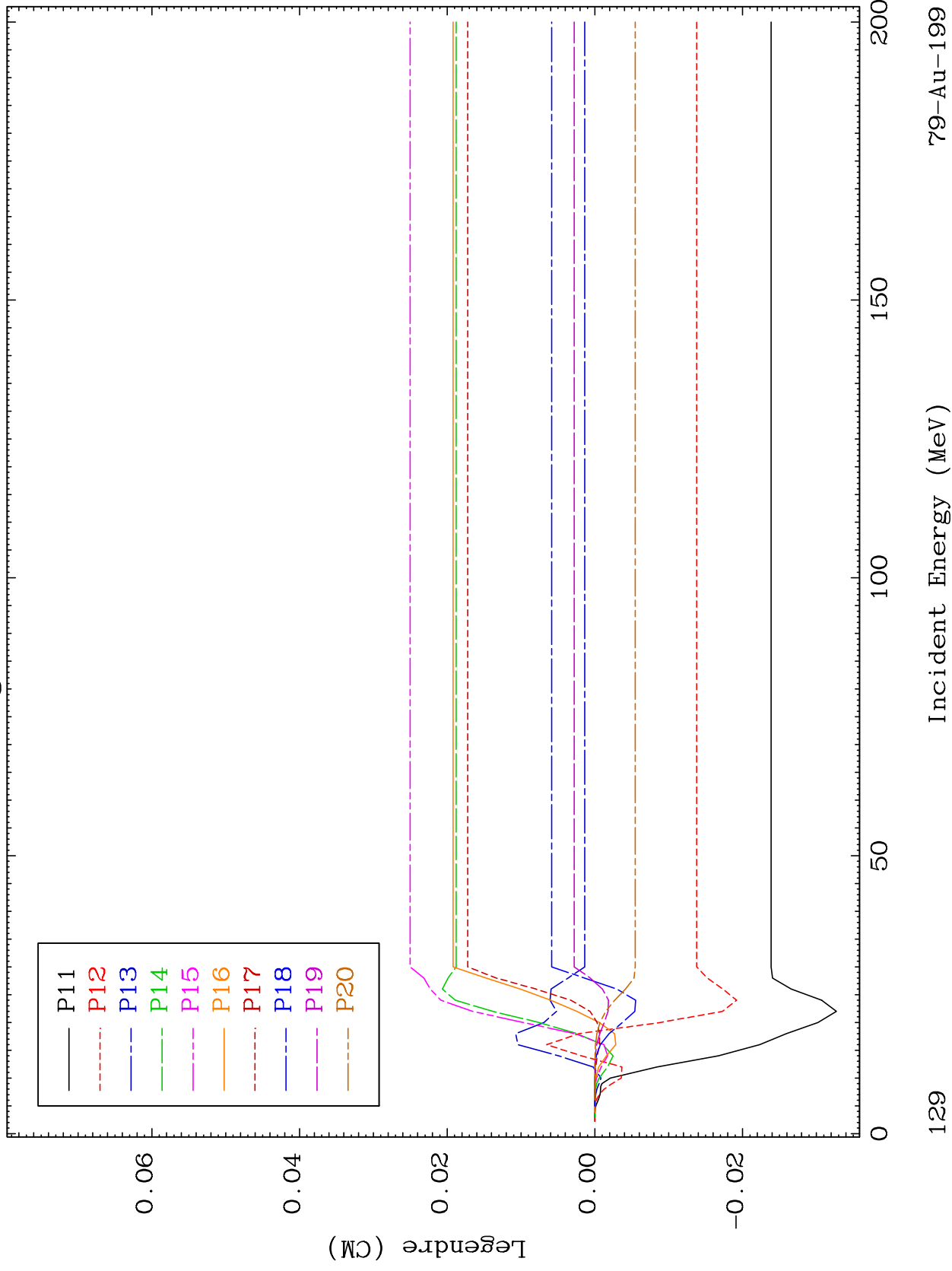
Incident Energy (MeV)

128

MAT 7931

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

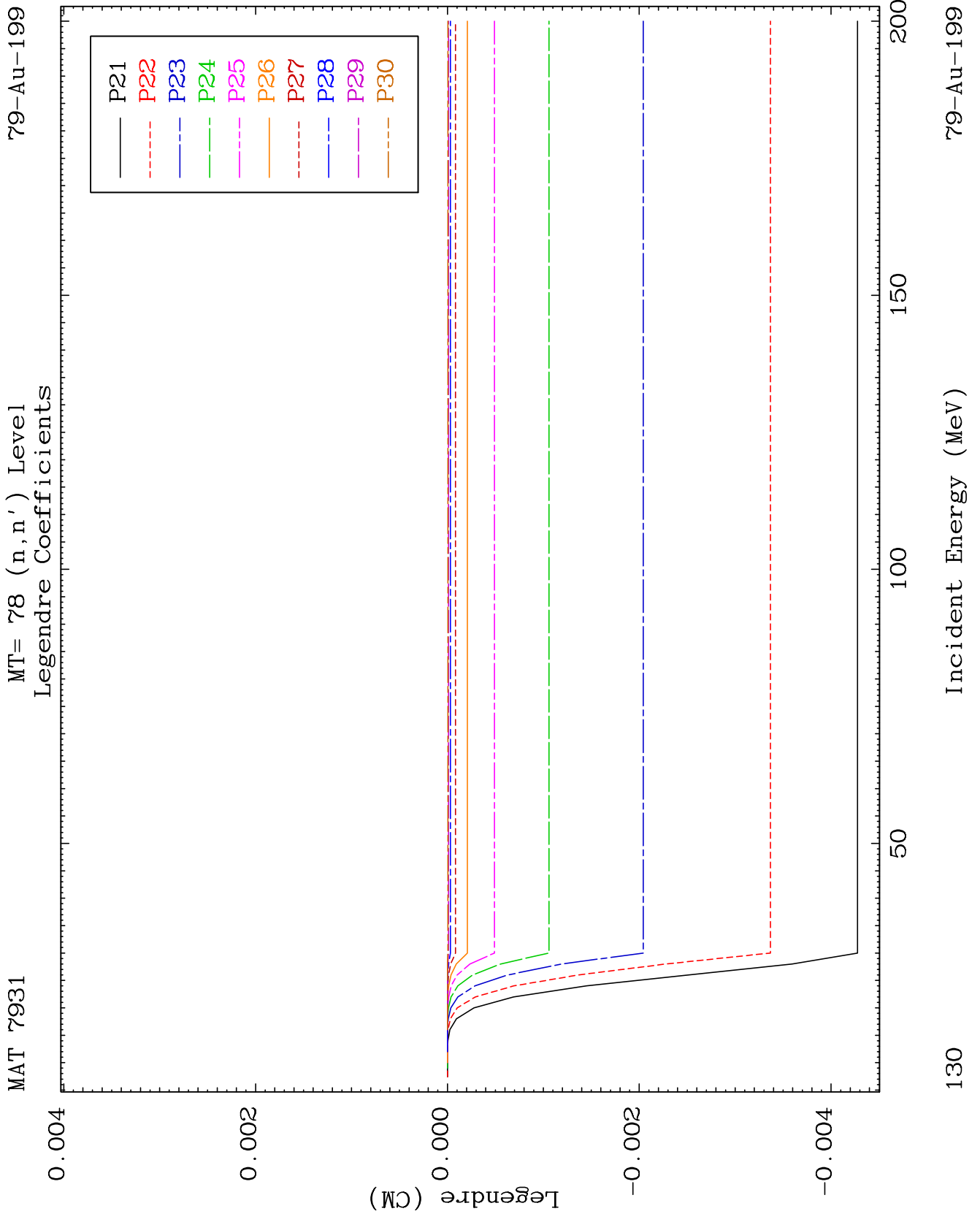
79-Au-199

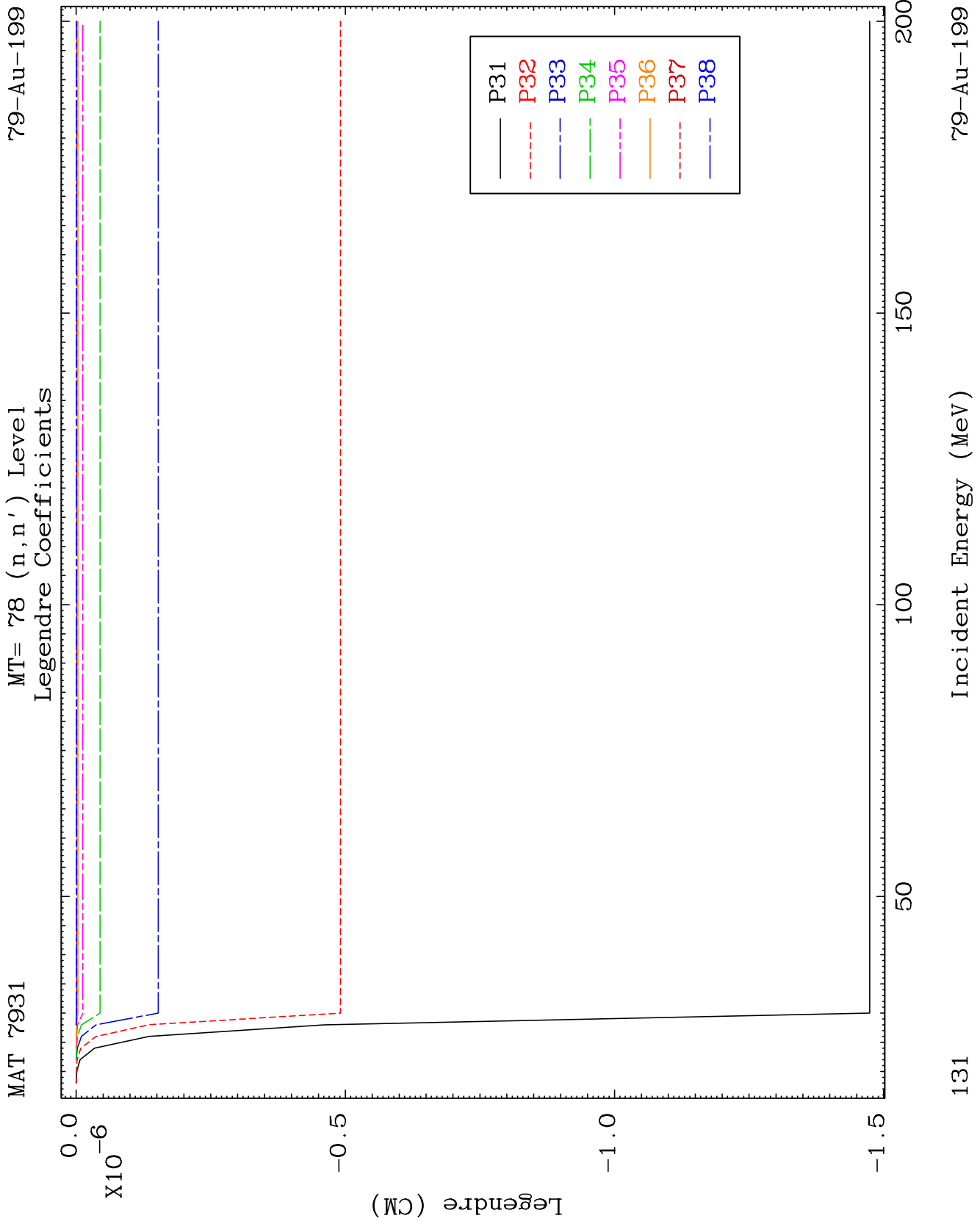


79-Au-199

Incident Energy (MeV)

129

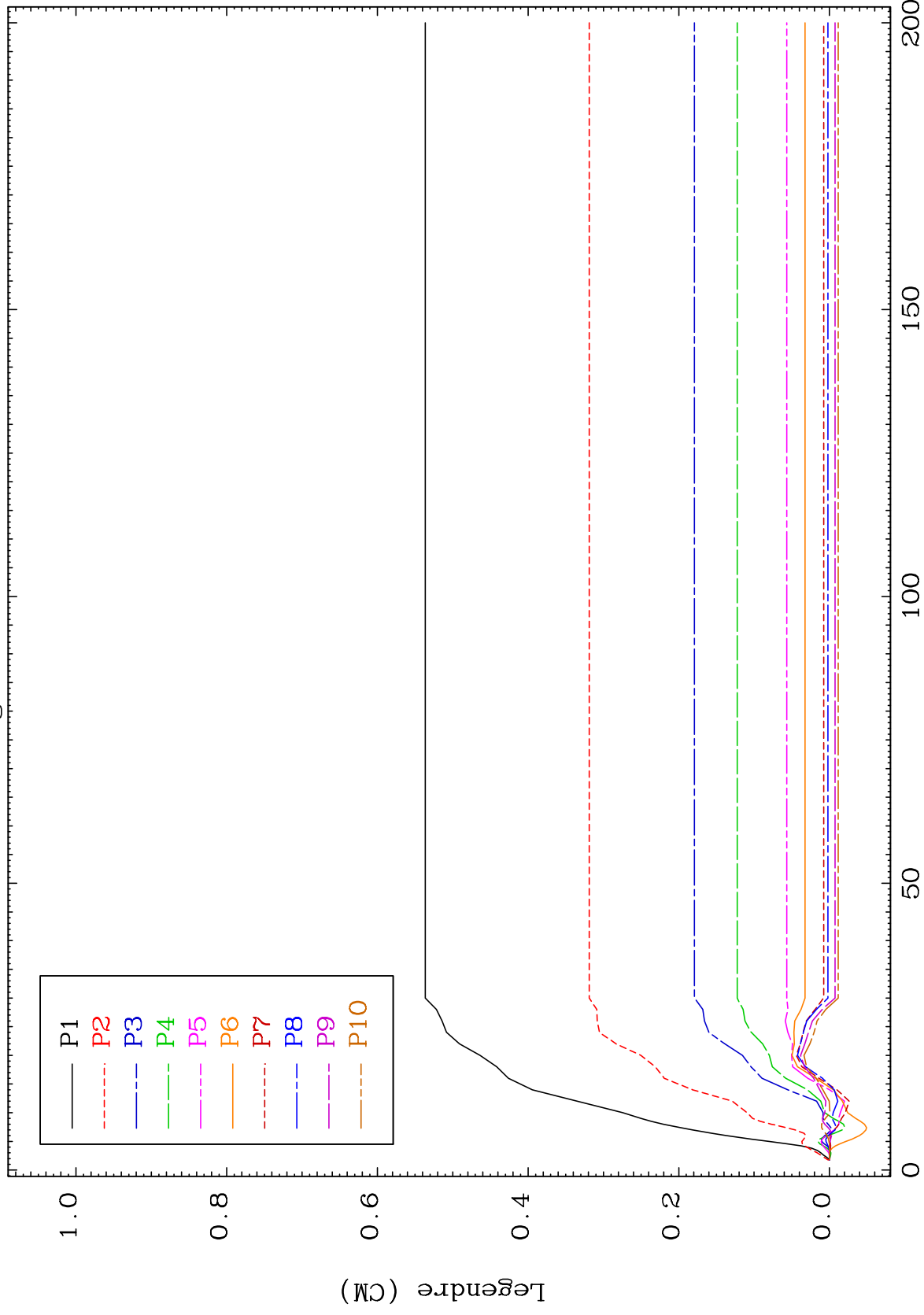




MAT 7931

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

79-Au-199



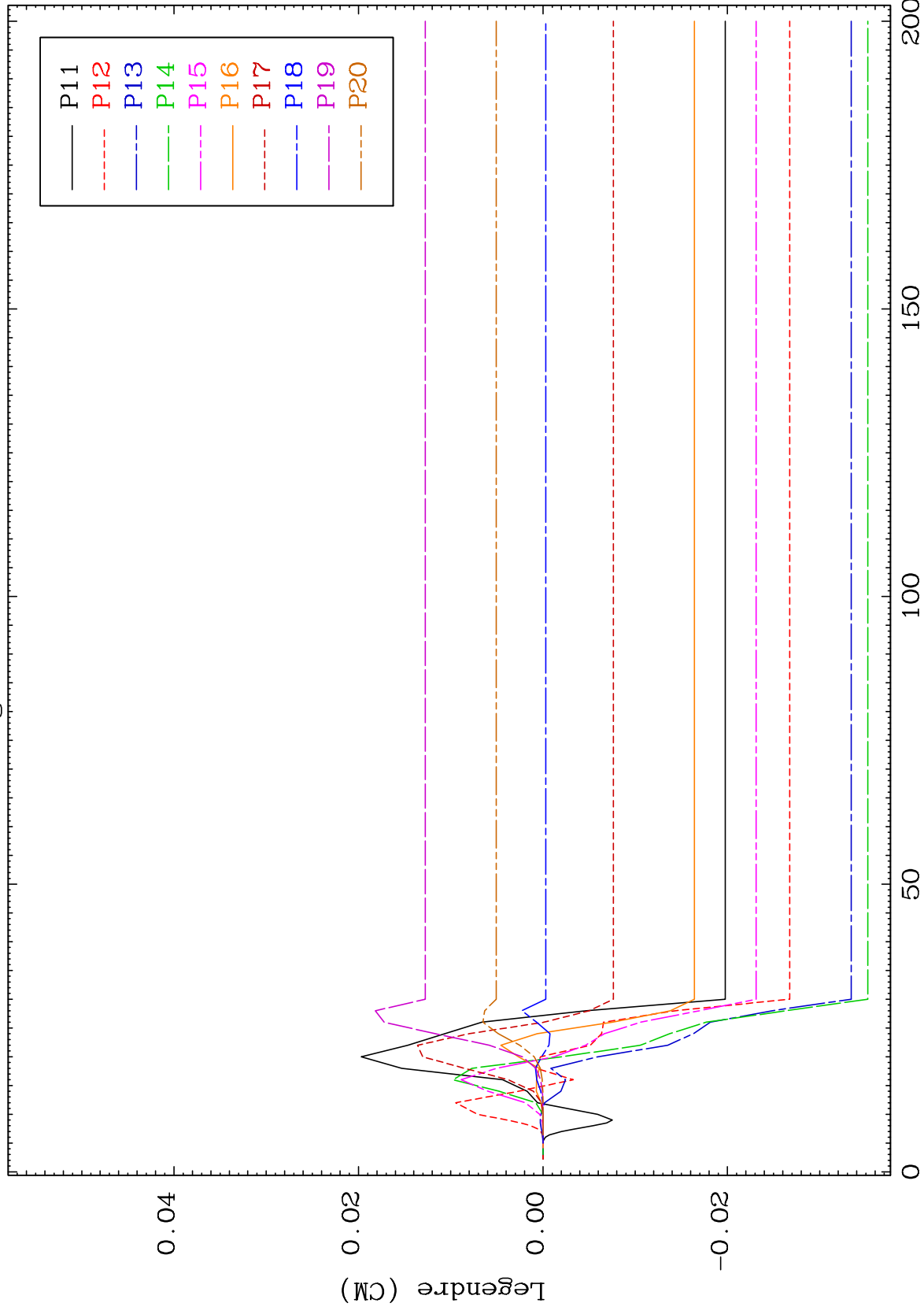
132

79-Au-199

MAT 7931

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

79-Au-199



133

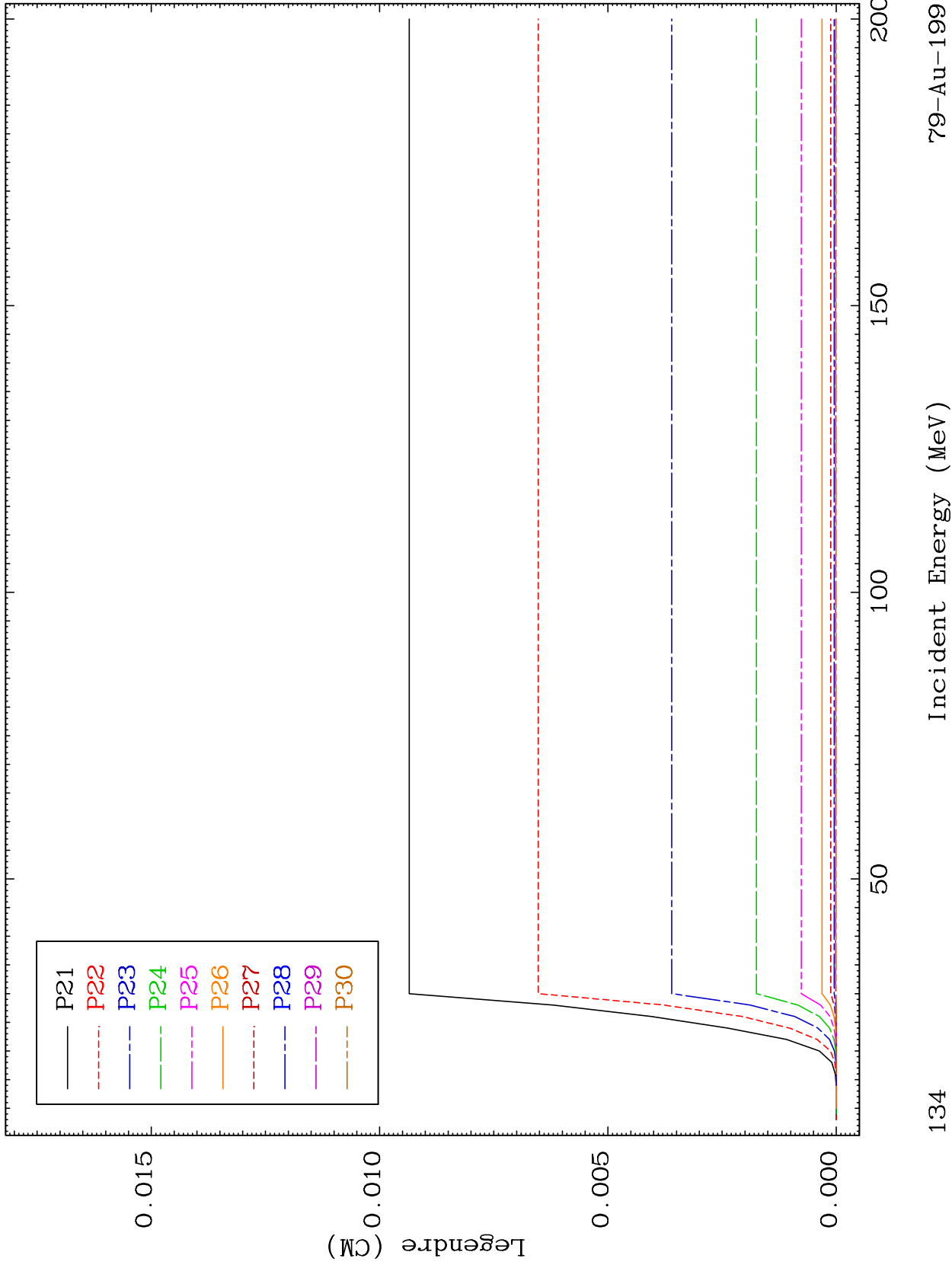
Incident Energy (MeV)

79-Au-199

MAT 7931

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

79-Au-199



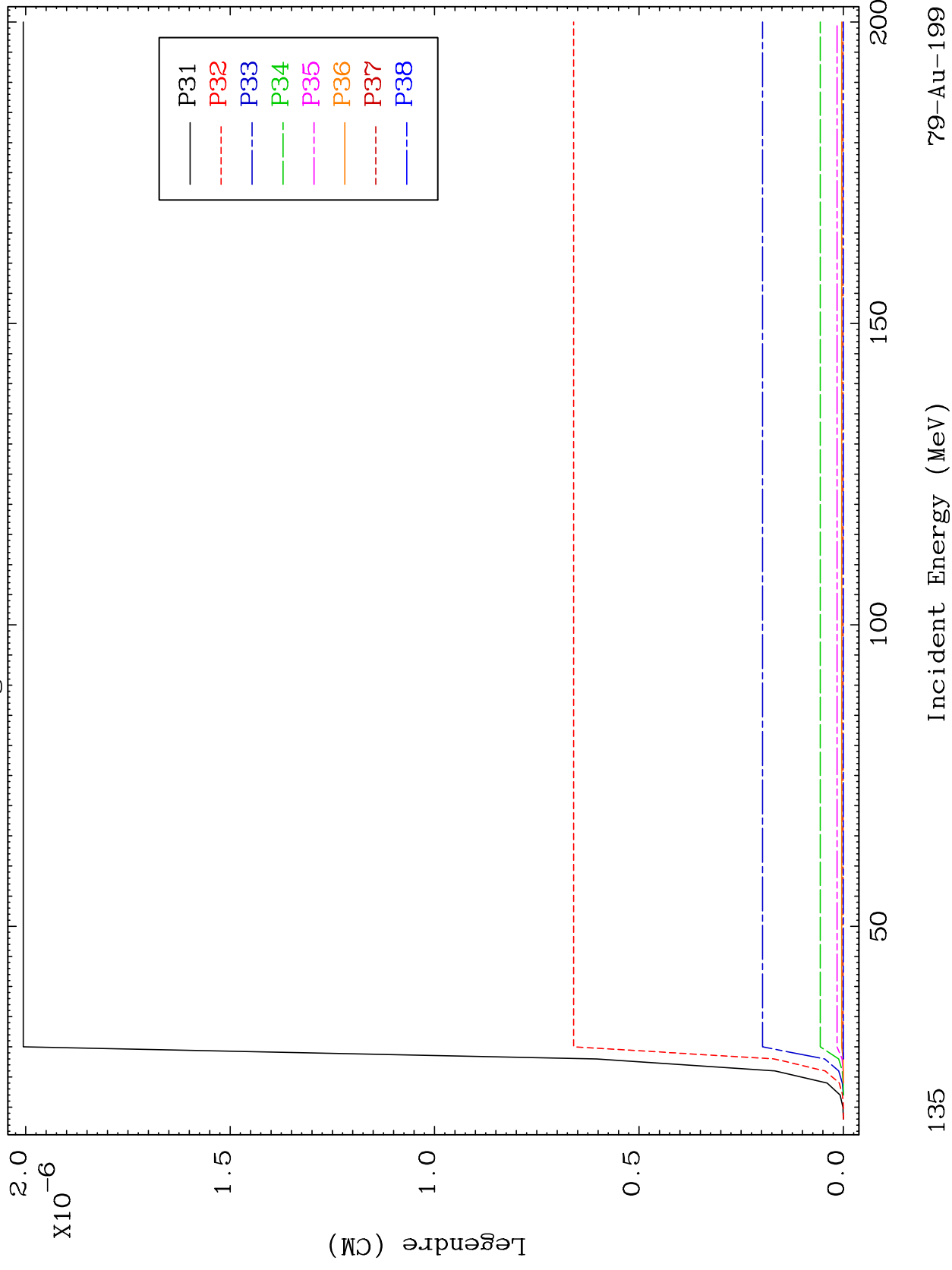
134

79-Au-199

MAT 7931

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

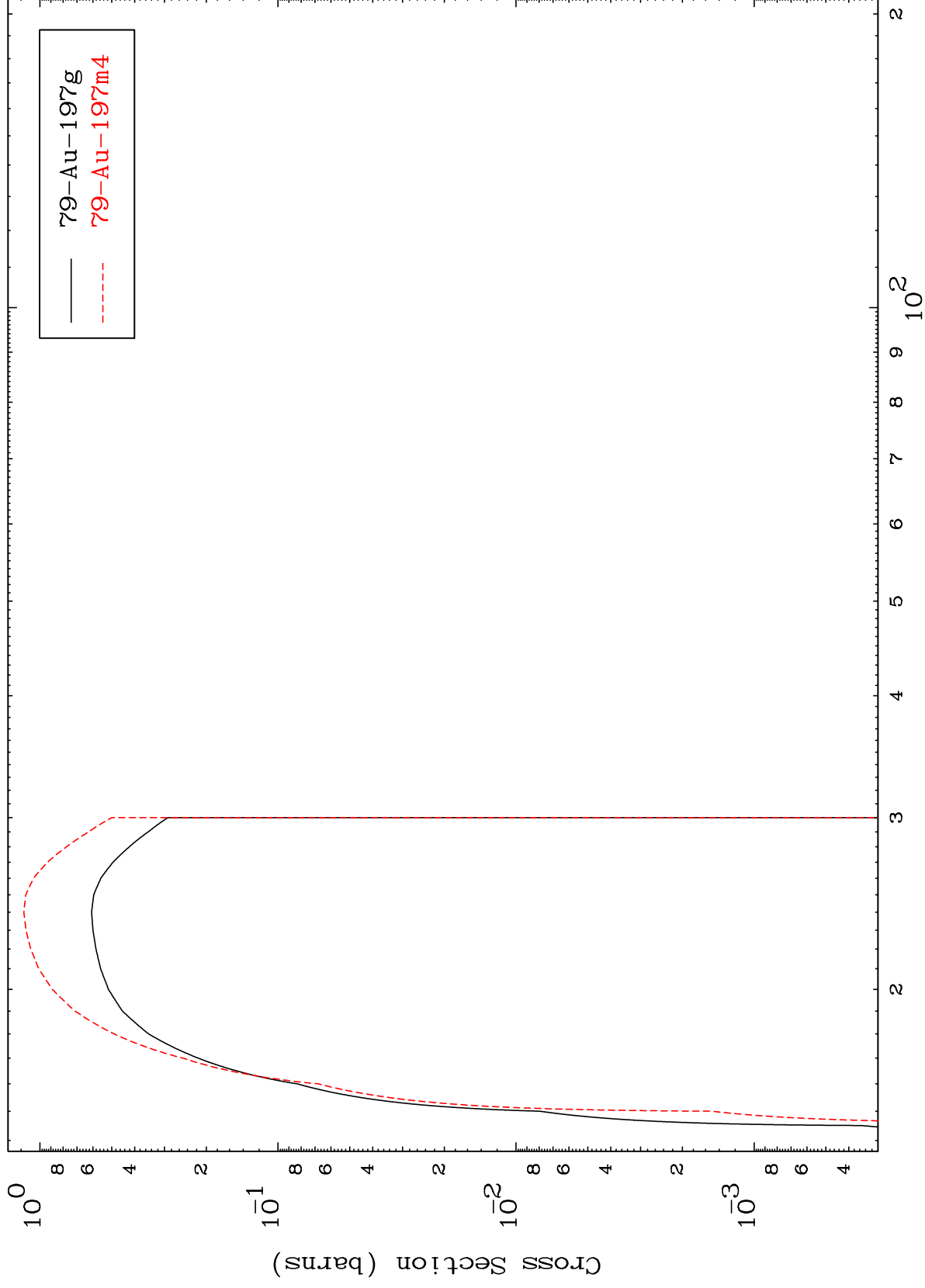
79-Au-199



MAT 7931

79-Au-199

(n,3n)
Radionuclide Production Cross Section



136

Incident Energy (MeV)

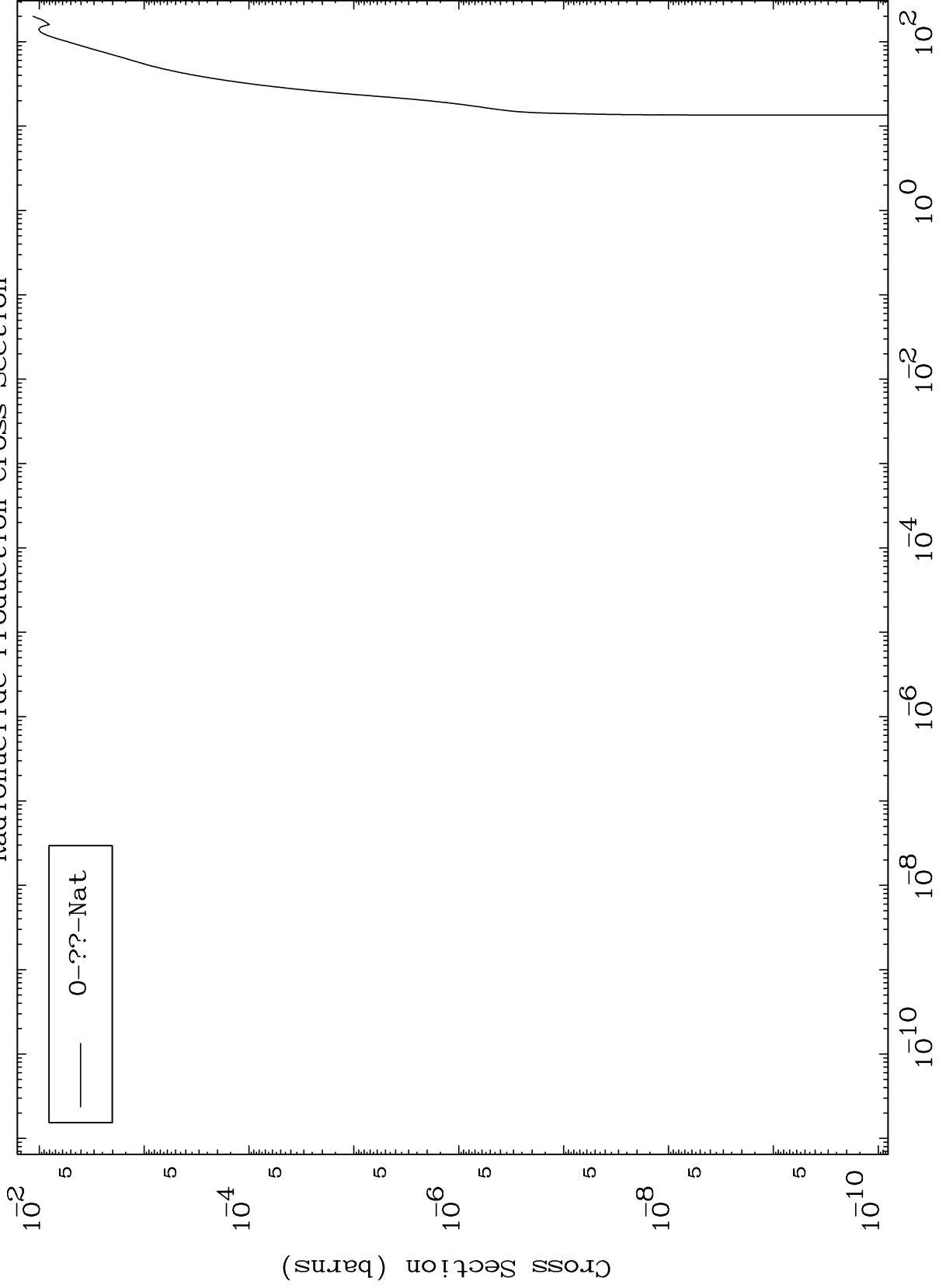
79-Au-199

MAT 7931

Fission

⁷⁹Au-199

Radionuclide Production Cross Section



137

Incident Energy (MeV)

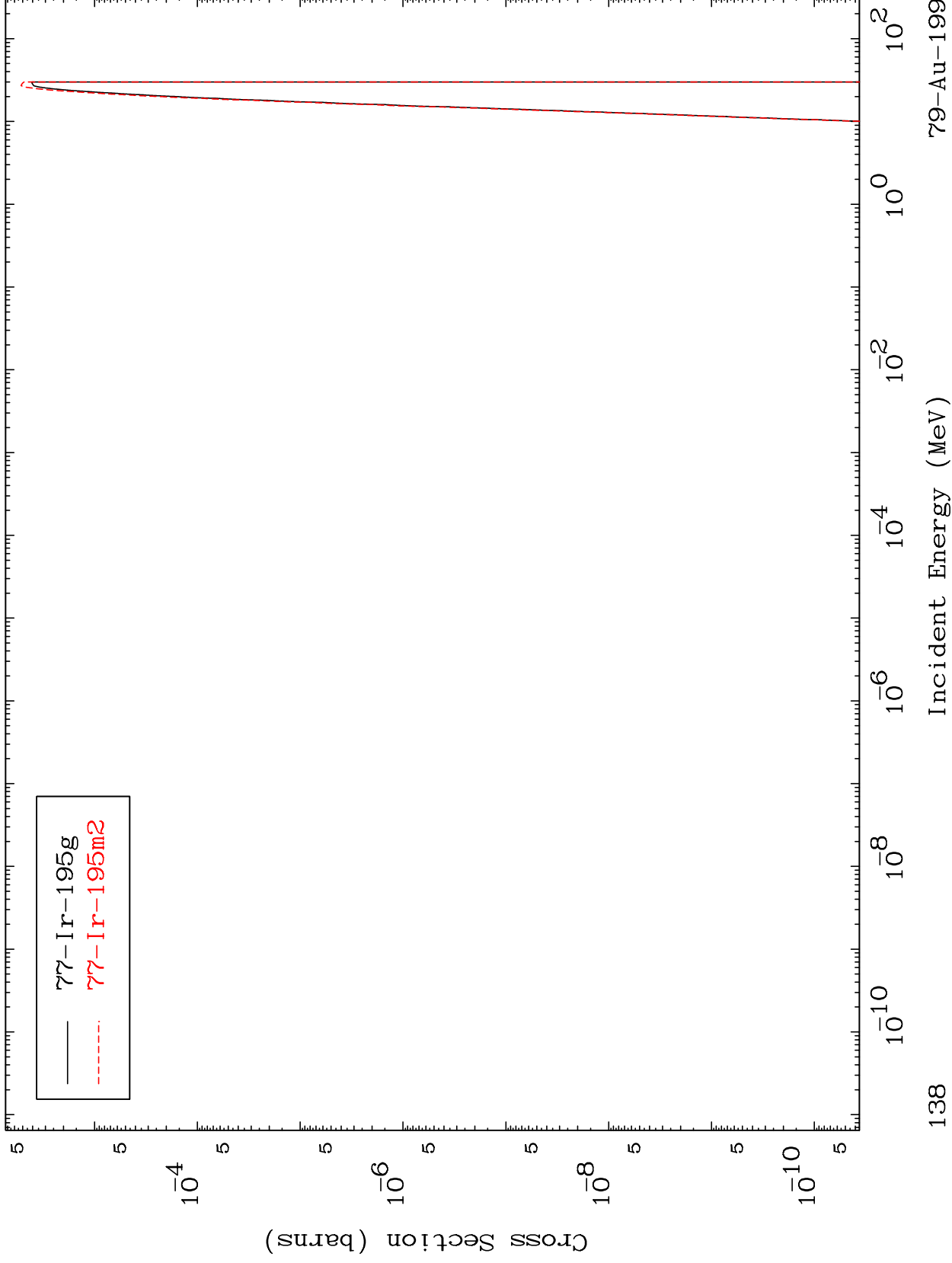
⁷⁹Au-199

MAT 7931

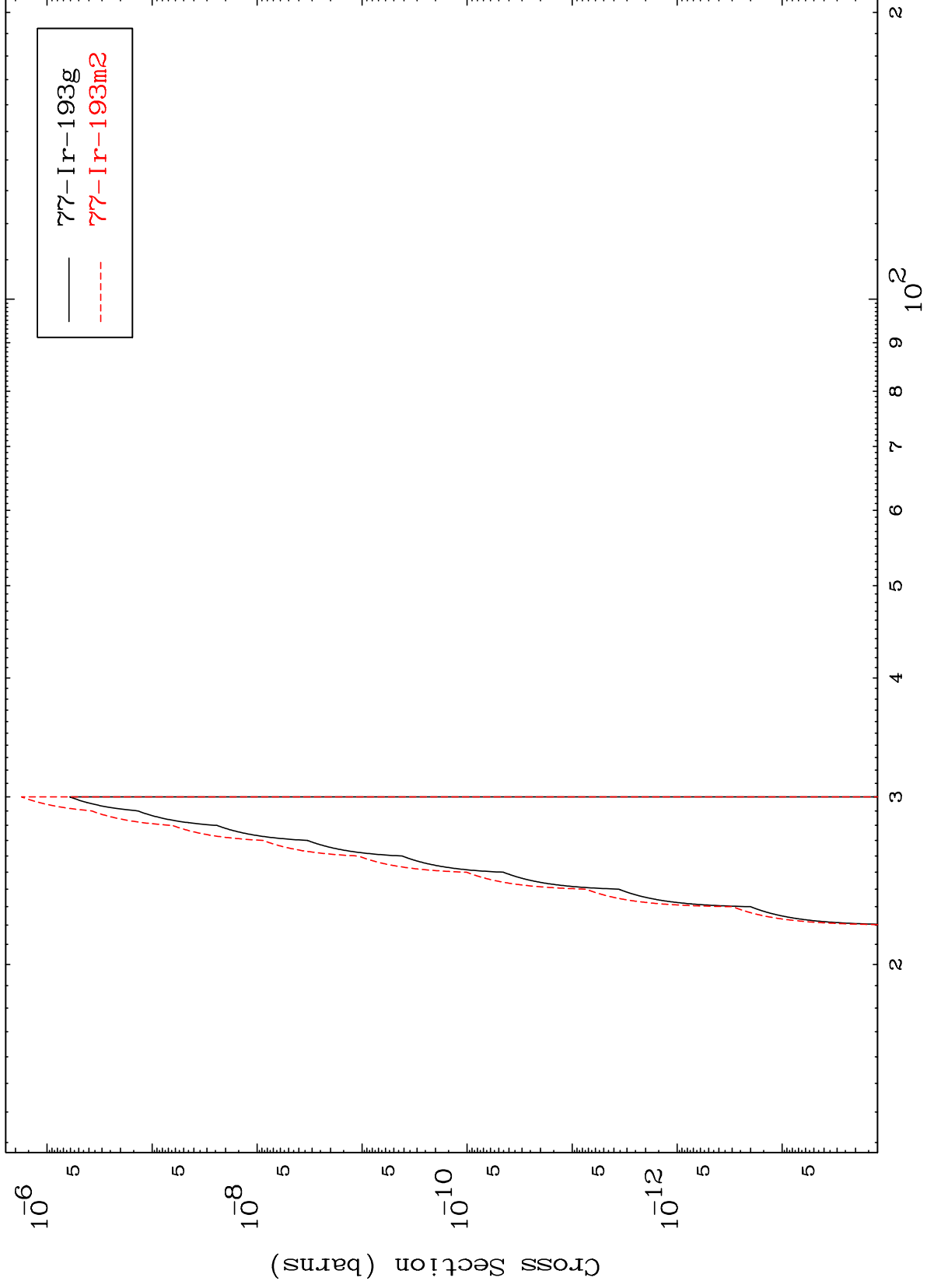
$(n, n') \alpha$

⁷⁹Au-199

Radionuclide Production Cross Section



Radionuclide Production Cross Section

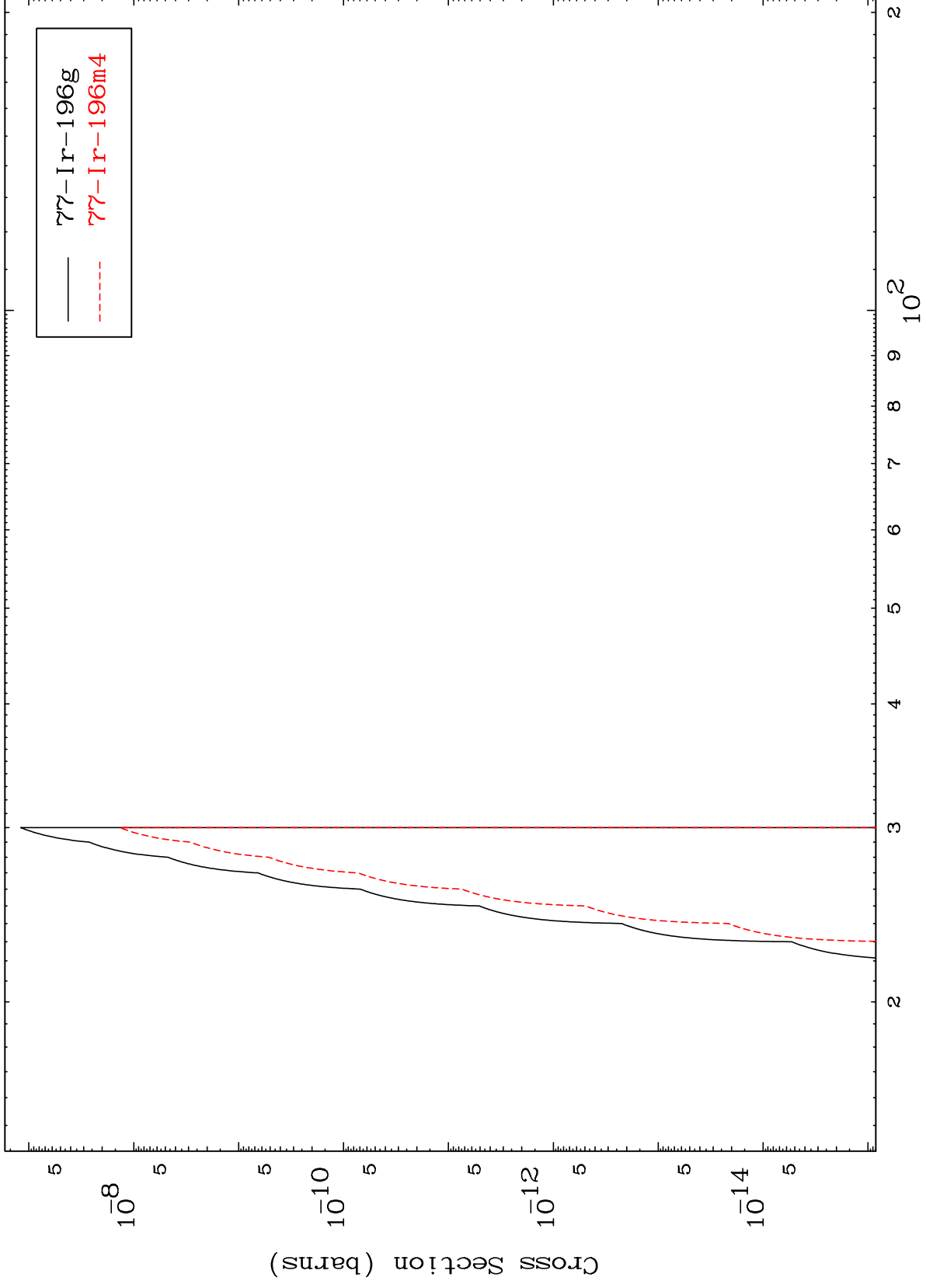


MAT 7931

(n,n') He-3

79-Au-199

Radionuclide Production Cross Section



140

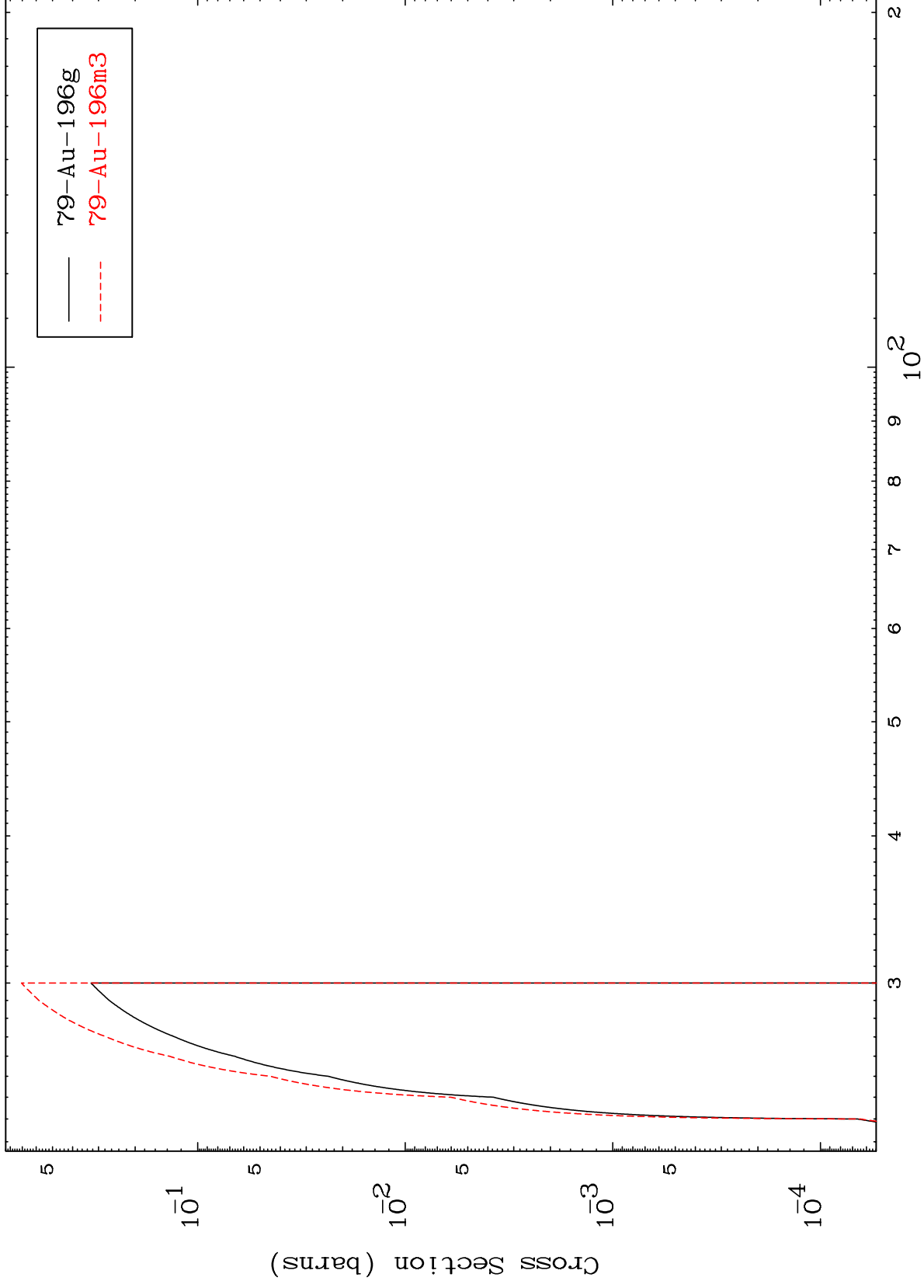
Incident Energy (MeV)

79-Au-199

MAT 7931

79-Au-199

(n,4n)
Radionuclide Production Cross Section

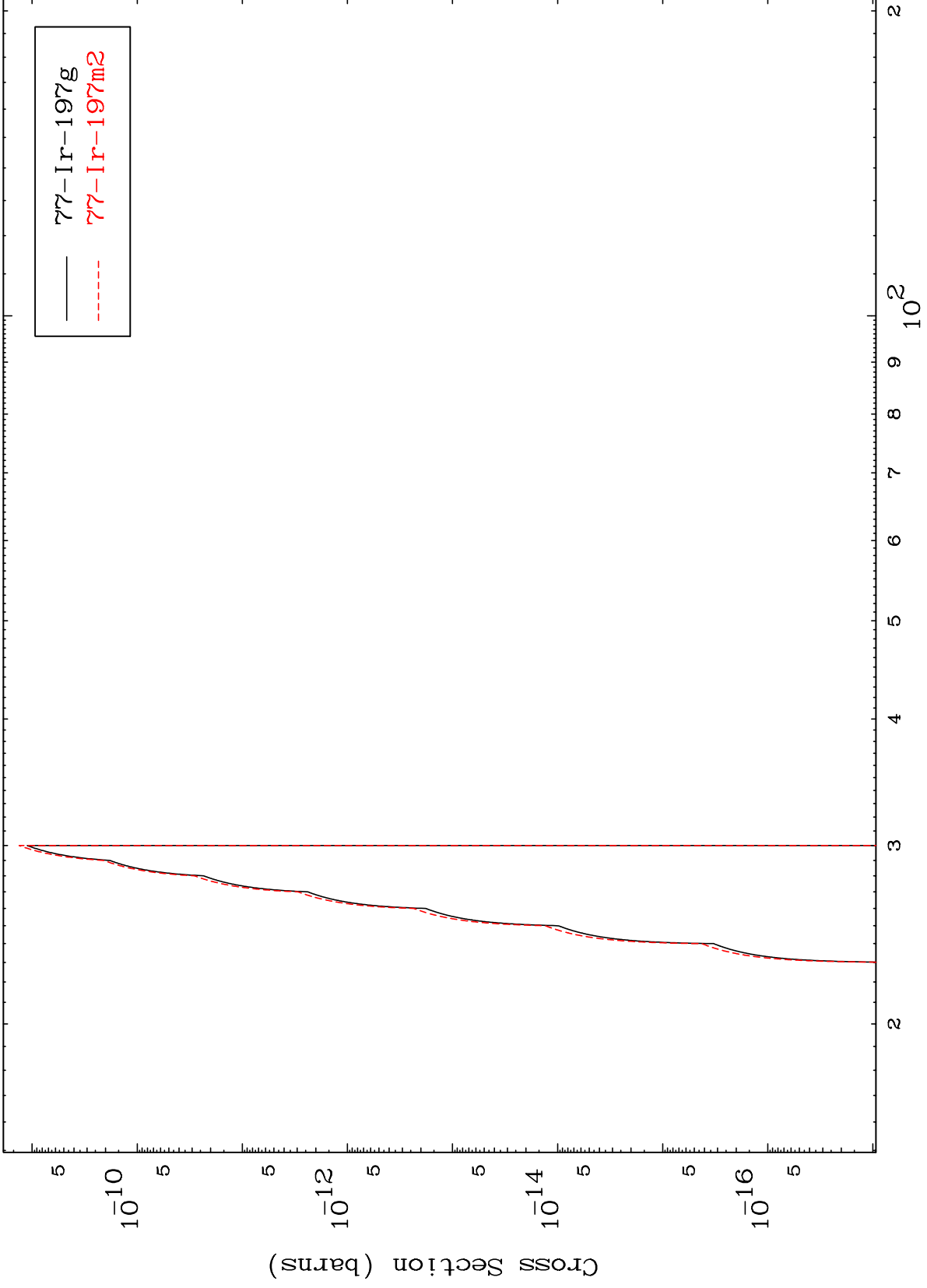


79-Au-199

Incident Energy (MeV)

141

(n,2n) p
Radionuclide Production Cross Section

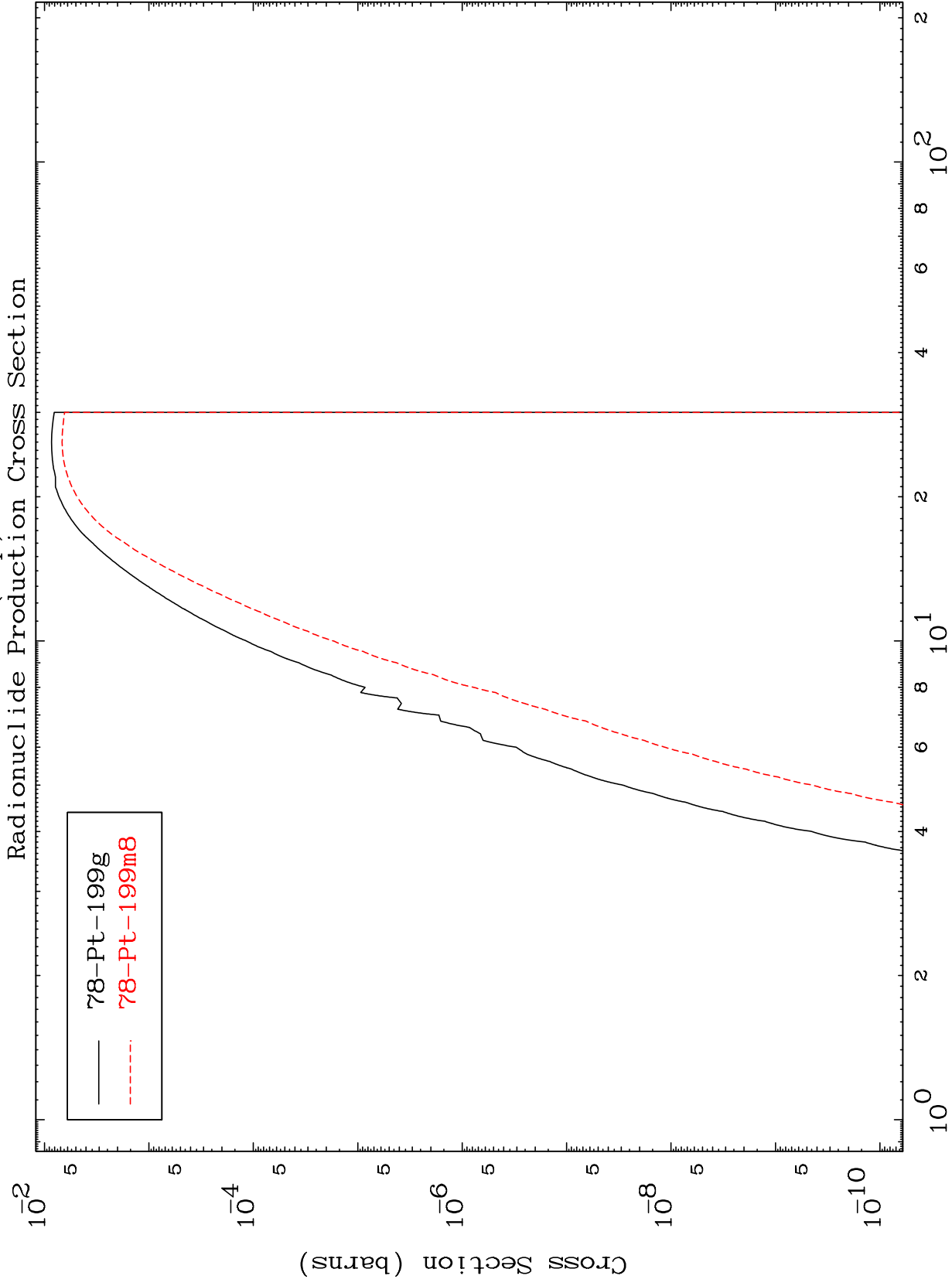


MAT 7931

79-Au-199

Radionuclide Production Cross Section

(n,p)



78-Pt-199g
78-Pt-199m8

79-Au-199

Incident Energy (MeV)

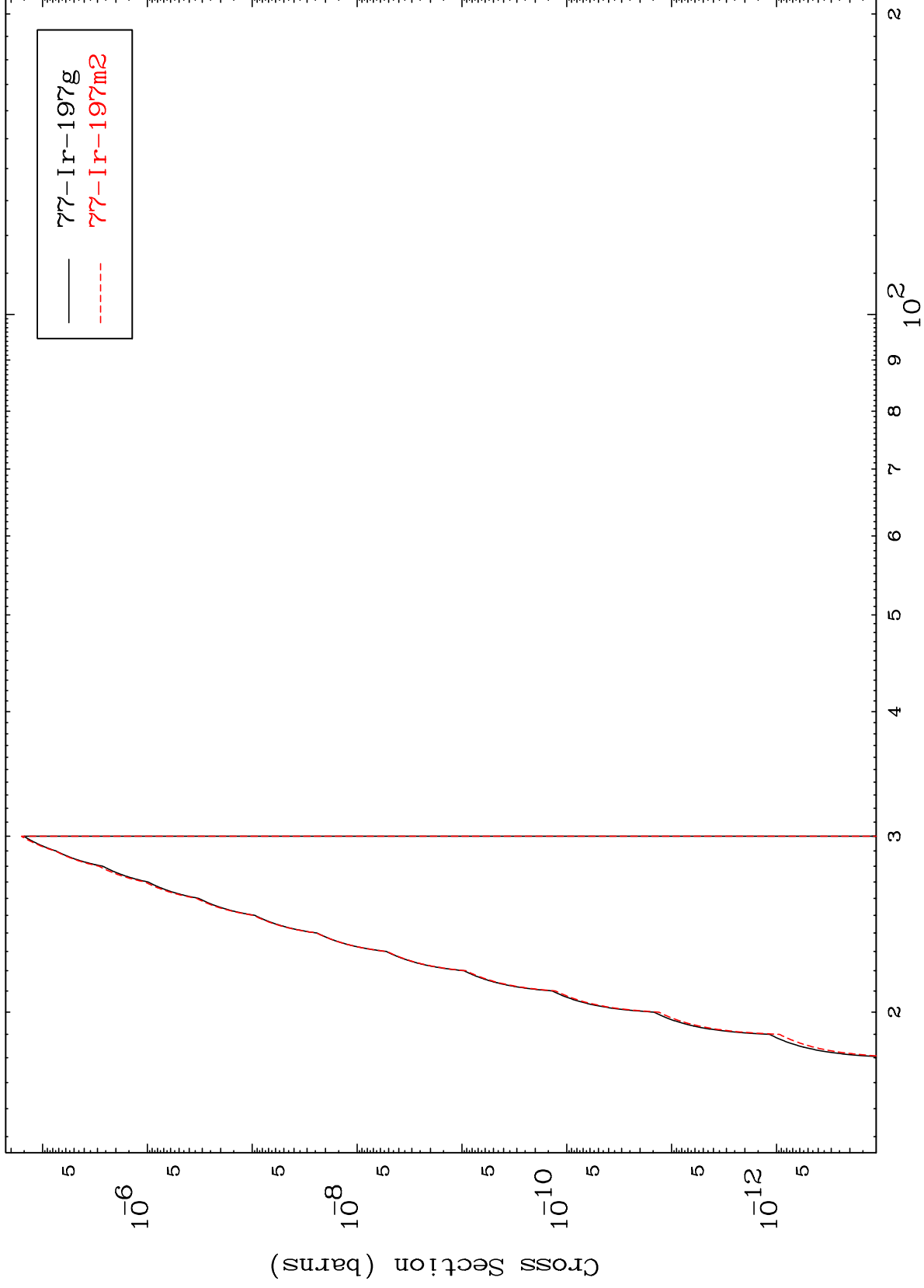
143

MAT 7931

(n,He-3)

79-Au-199

Radionuclide Production Cross Section



144

Incident Energy (MeV)

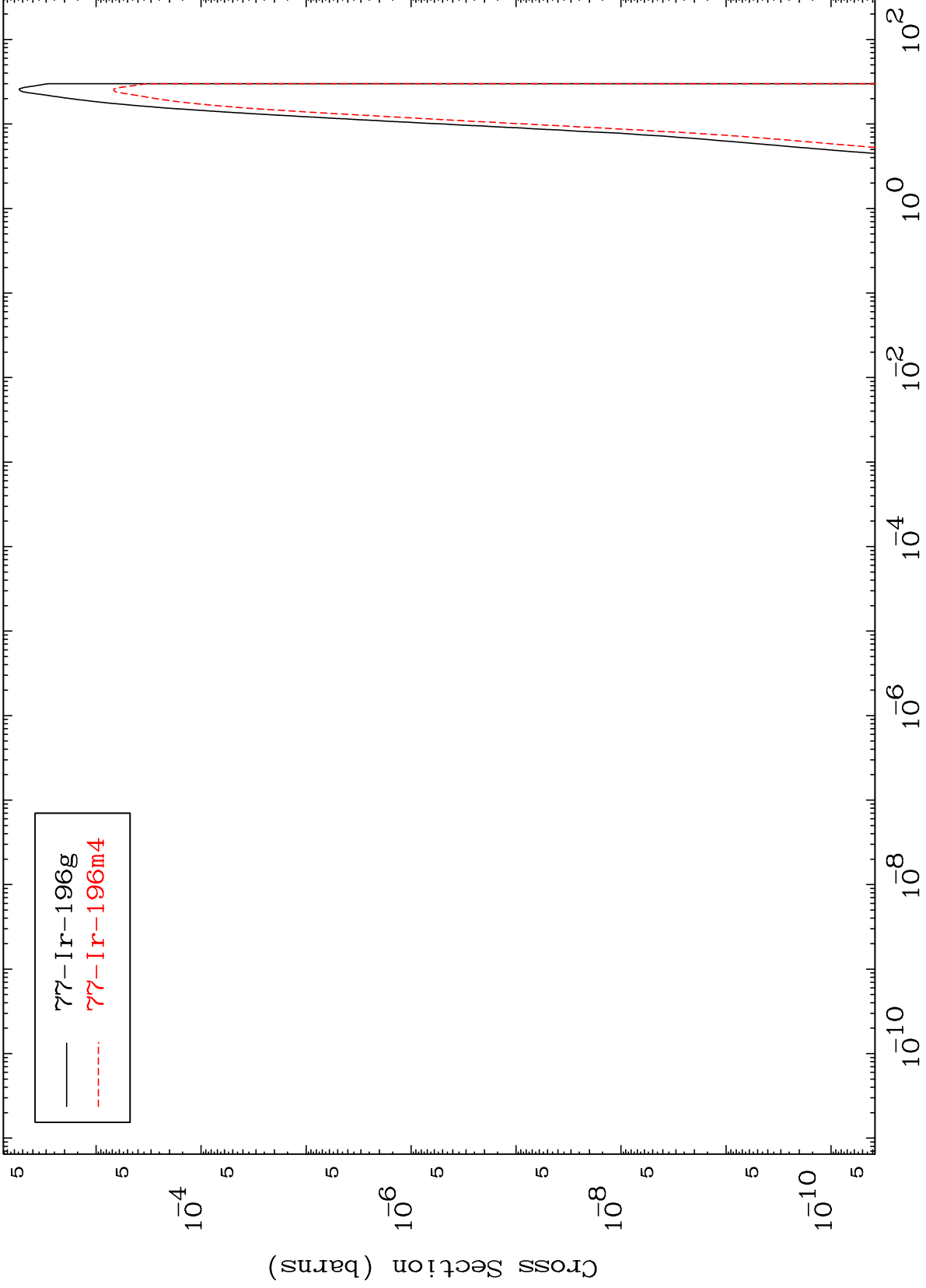
79-Au-199

MAT 7931

(n, α)

⁷⁹Au-199

Radionuclide Production Cross Section



145

Incident Energy (MeV)

⁷⁹Au-199