

Program EVALPLOT
(Version 2021-1)

by

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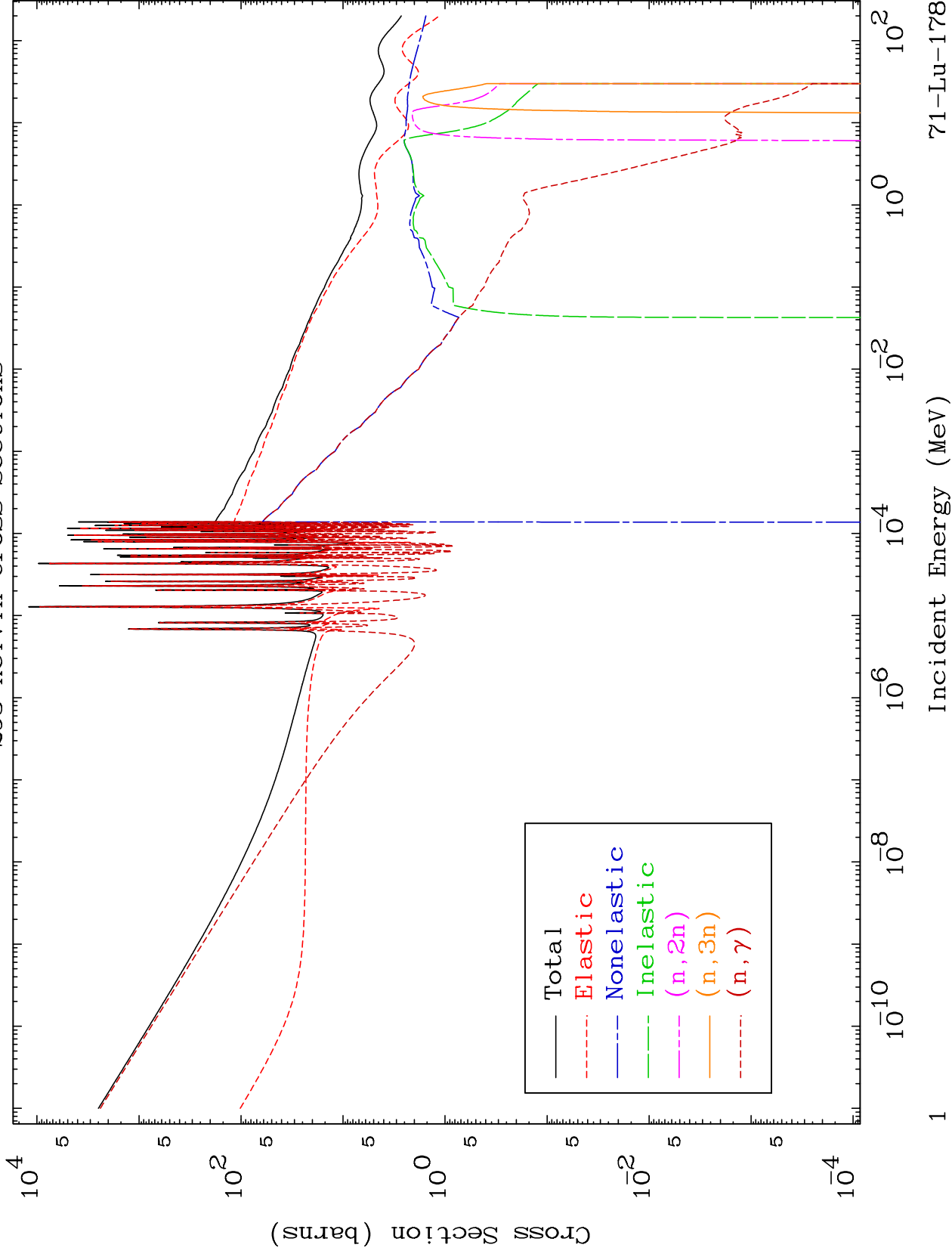
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Press Mouse Button to Start

MAT 7134

Neutron Major
293 Kelvin Cross Sections

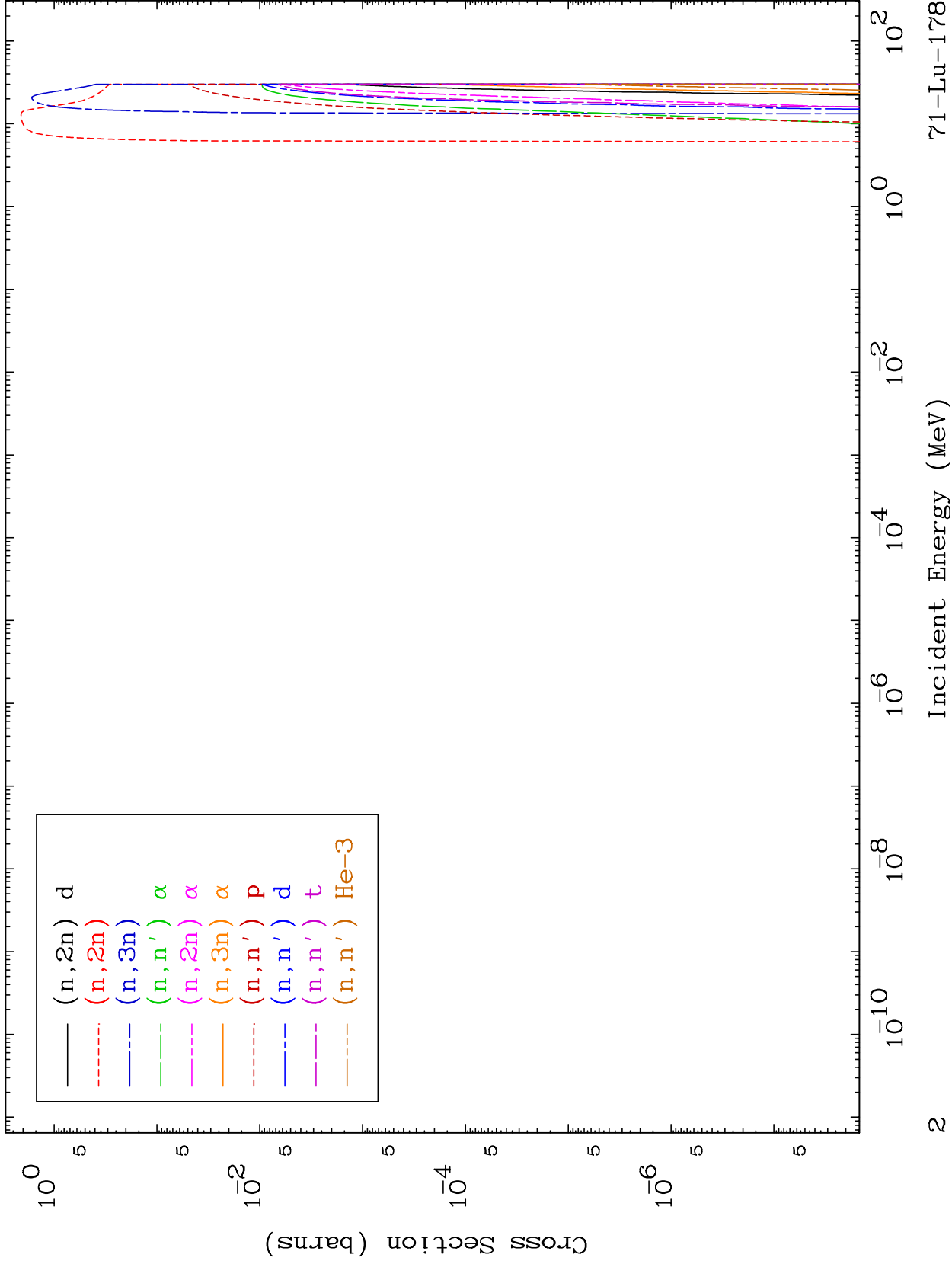
71-Lu-178



MAT 7134

Neutron Absorption
293 Kelvin Cross Sections

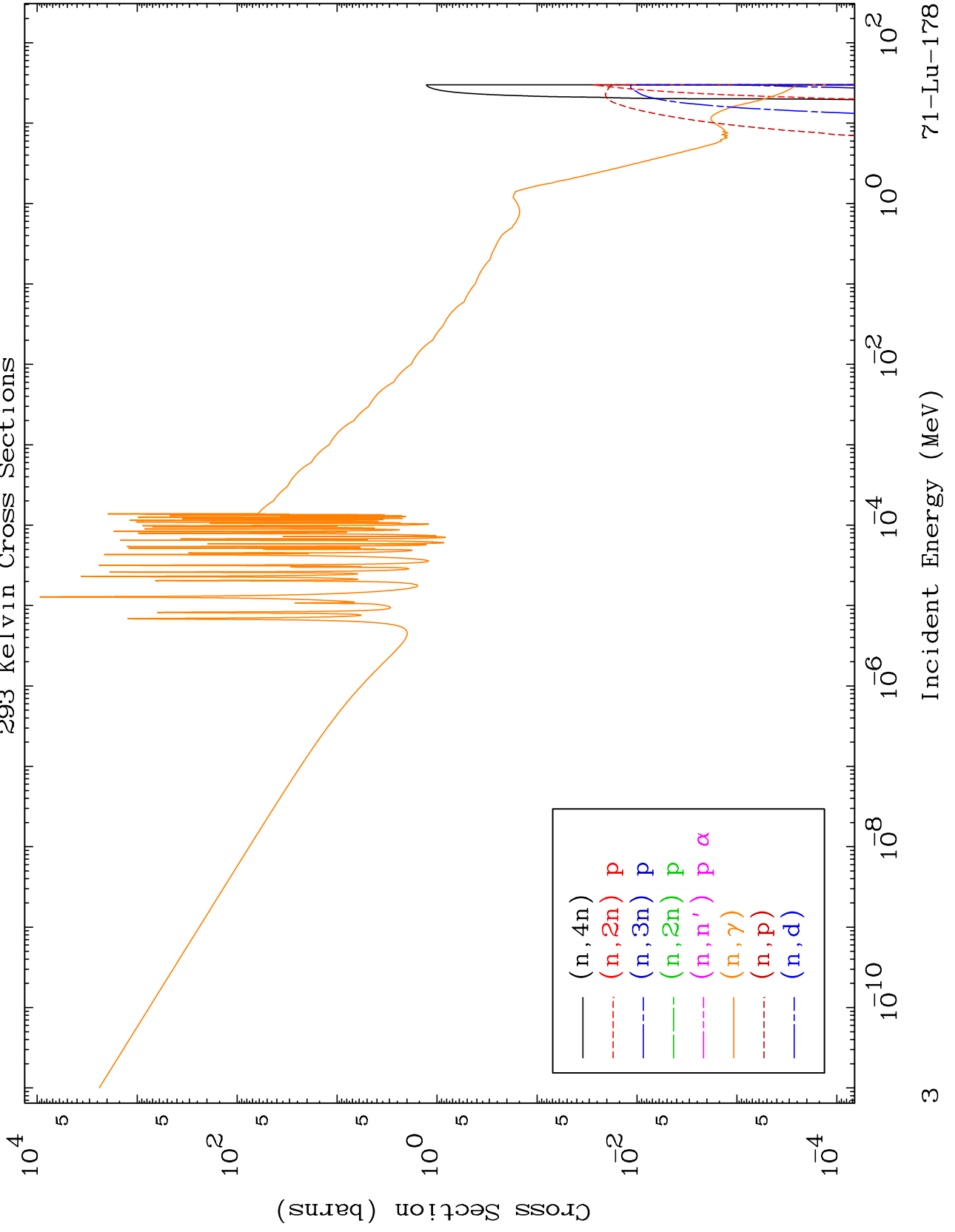
71-Lu-178



MAT 7134

Neutron Absorption
293 Kelvin Cross Sections

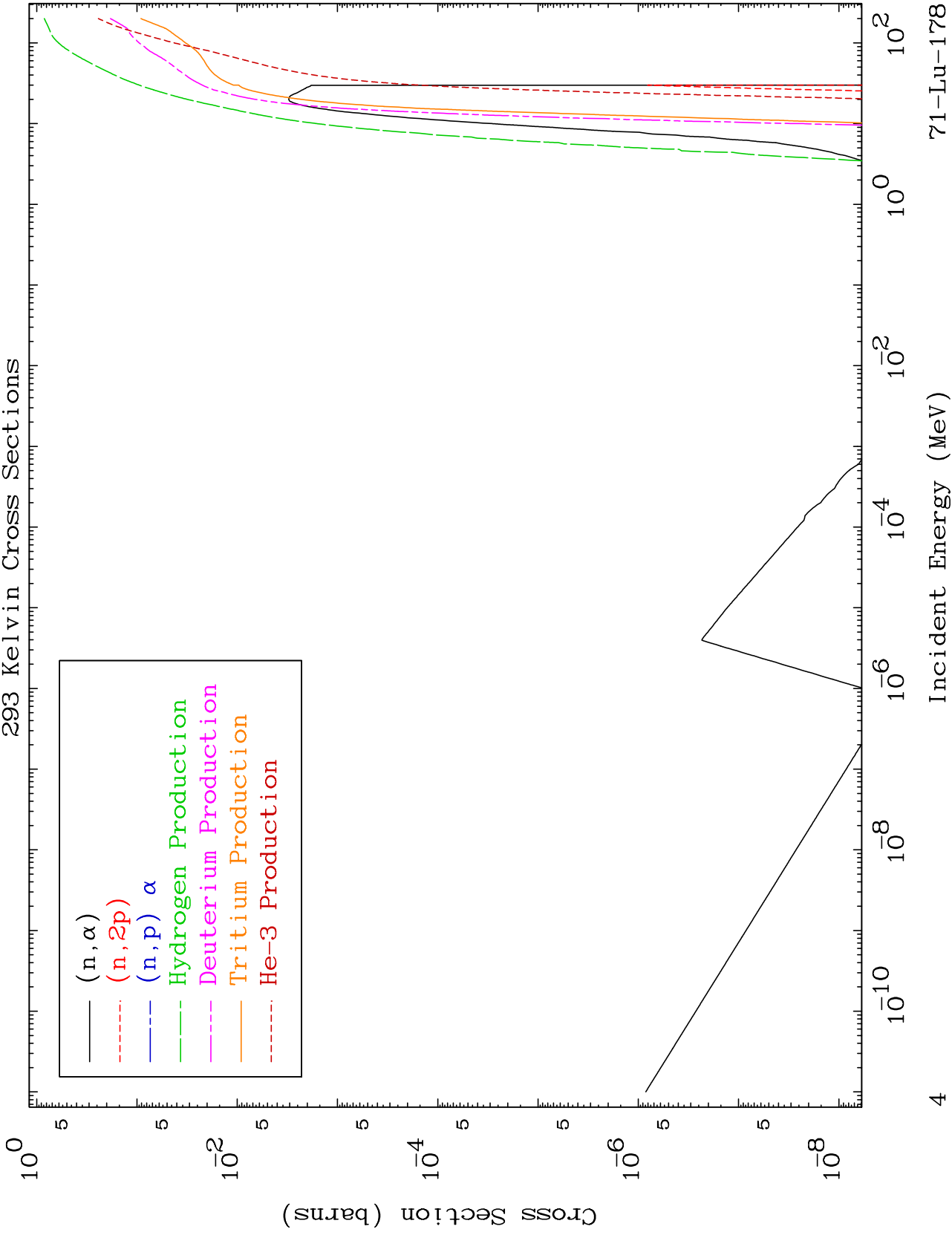
71-Lu-178



MAT 7134

Neutron Absorption
293 Kelvin Cross Sections

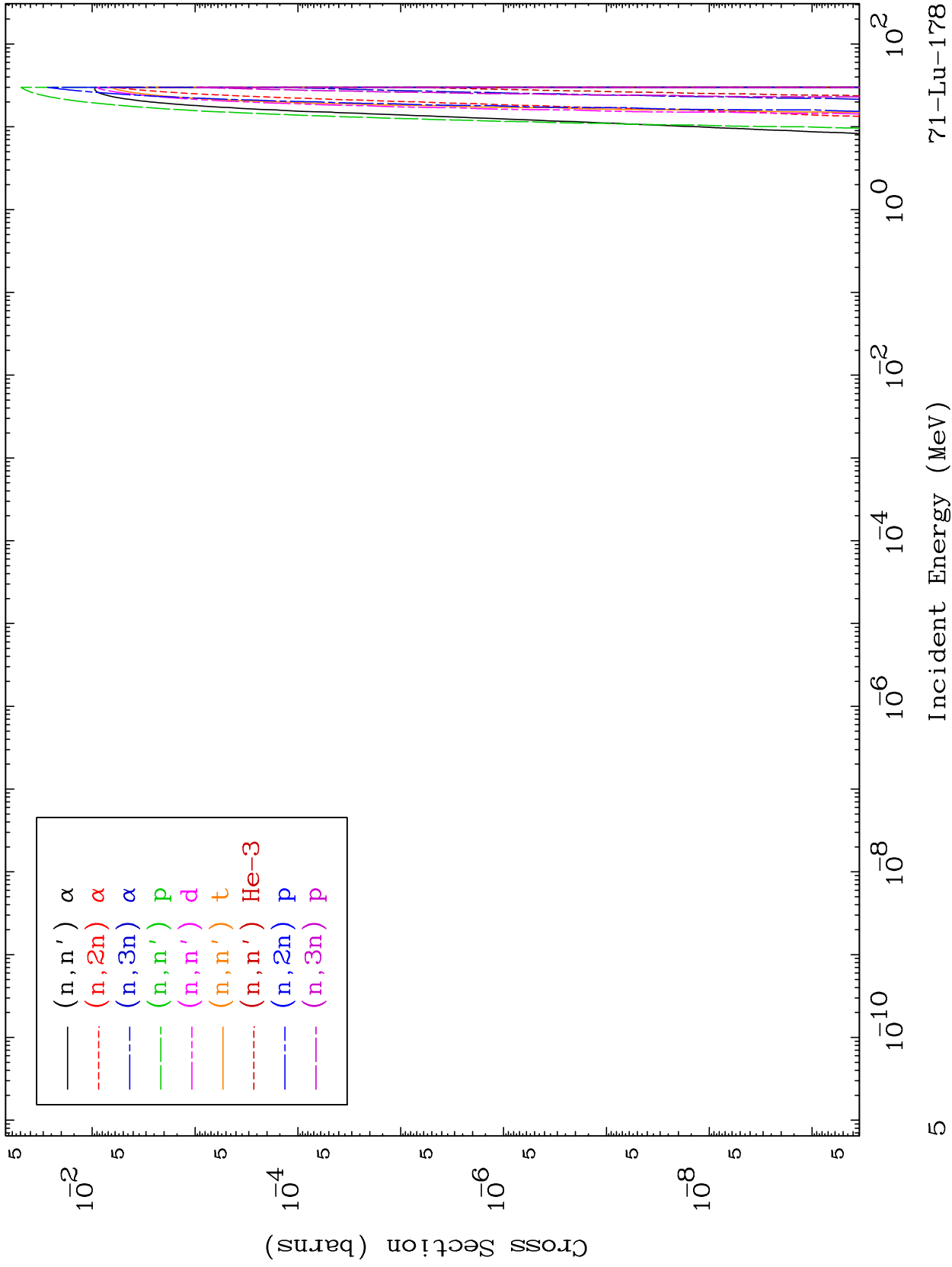
71-Lu-178



MAT 7134

Charged Particle
293 Kelvin Cross Sections

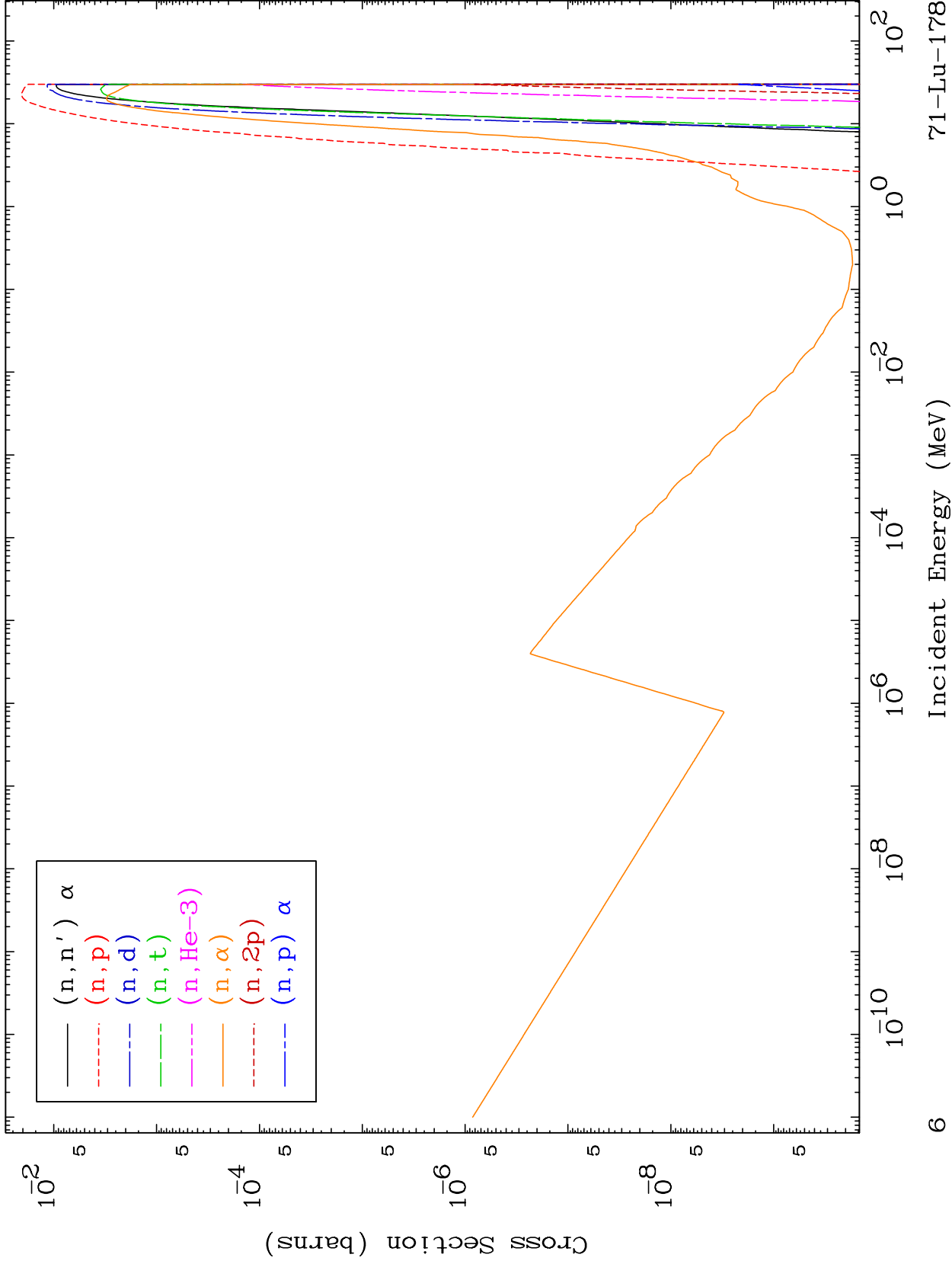
71-Lu-178



MAT 7134

Charged Particle
293 Kelvin Cross Sections

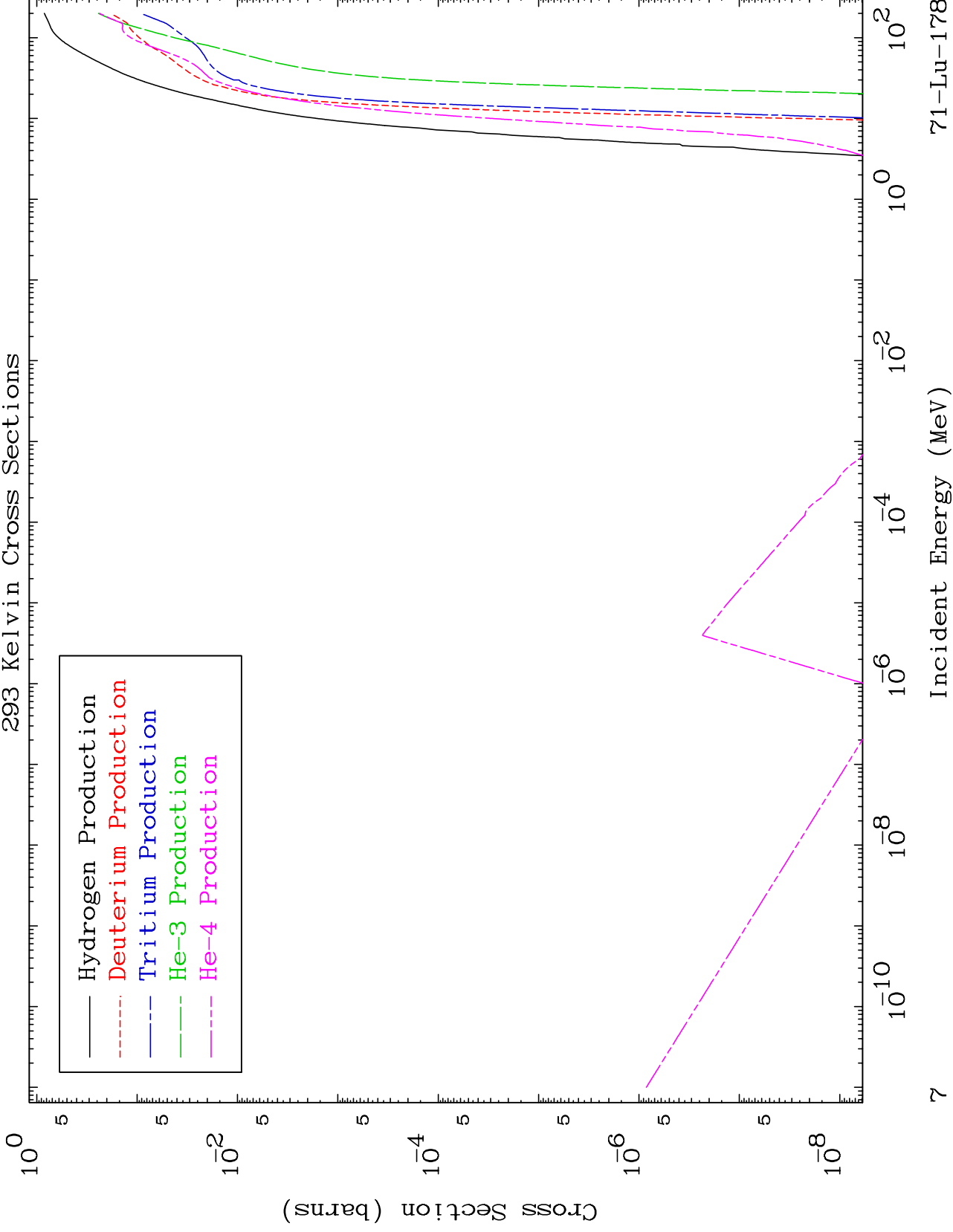
71-Lu-178



MAT 7134

Particle Production
293 Kelvin Cross Sections

71-Lu-178

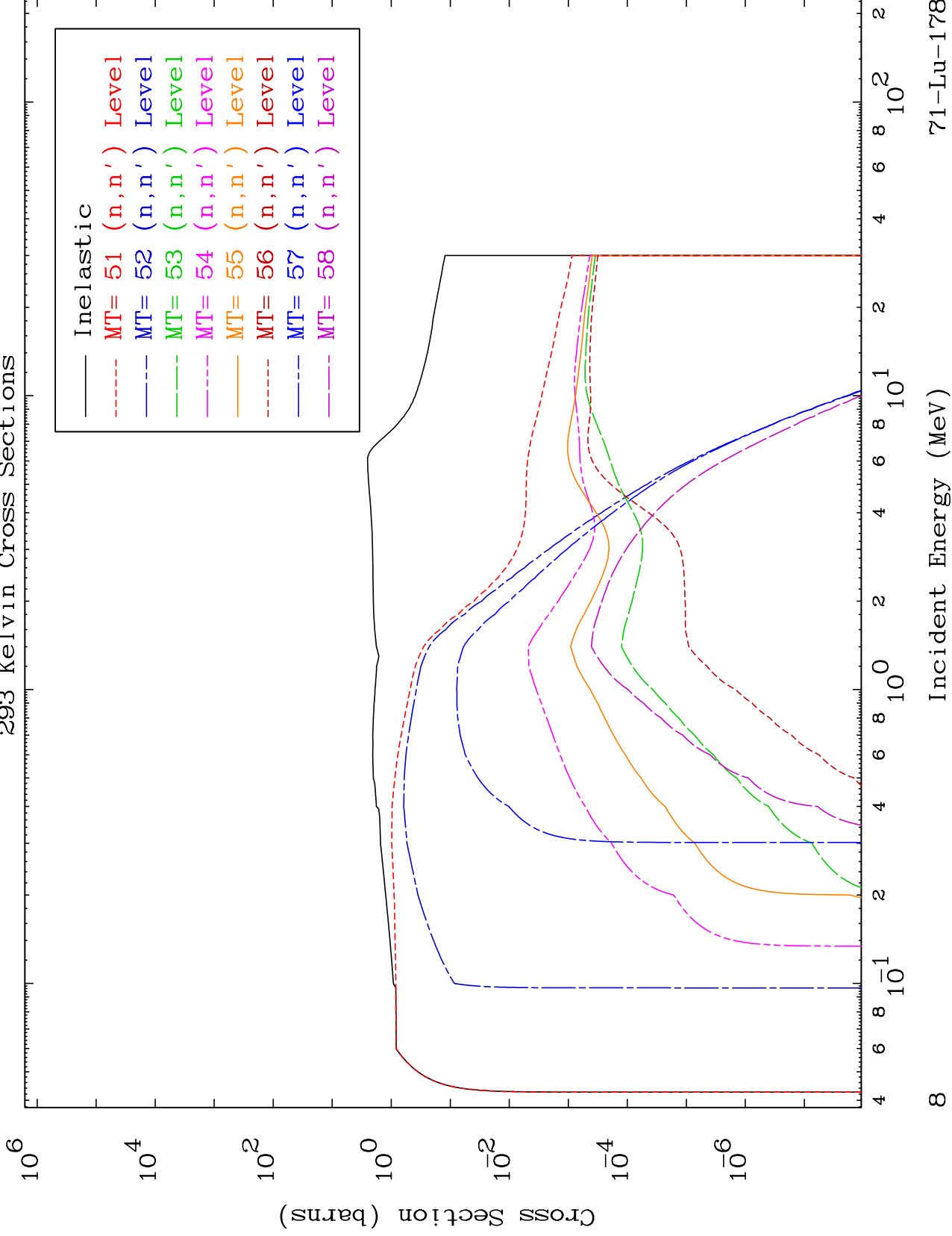


MAT 7134

(n,n') Levels

71-Lu-178

293 Kelvin Cross Sections

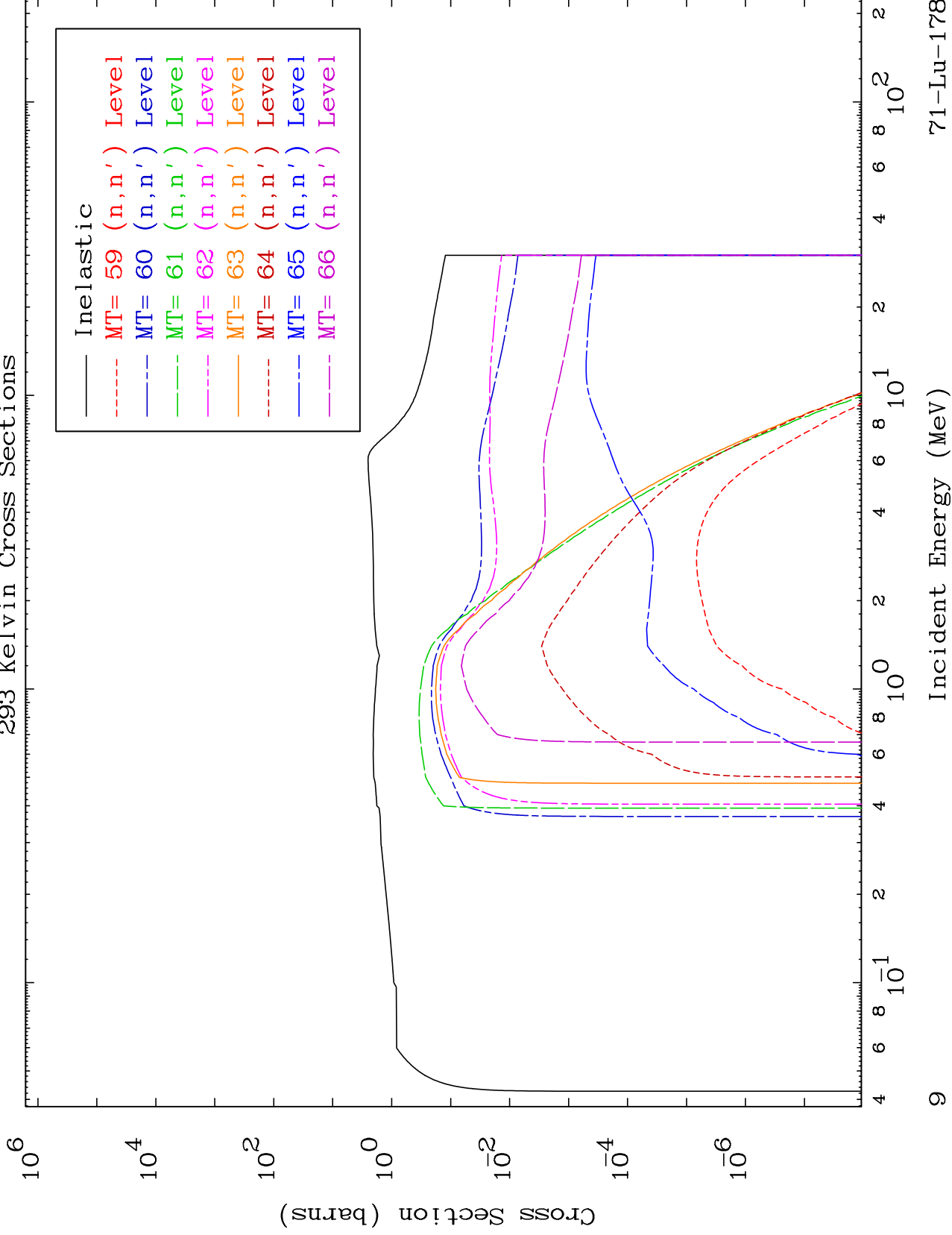


MAT 7134

(n,n') Levels

71-Lu-178

293 Kelvin Cross Sections

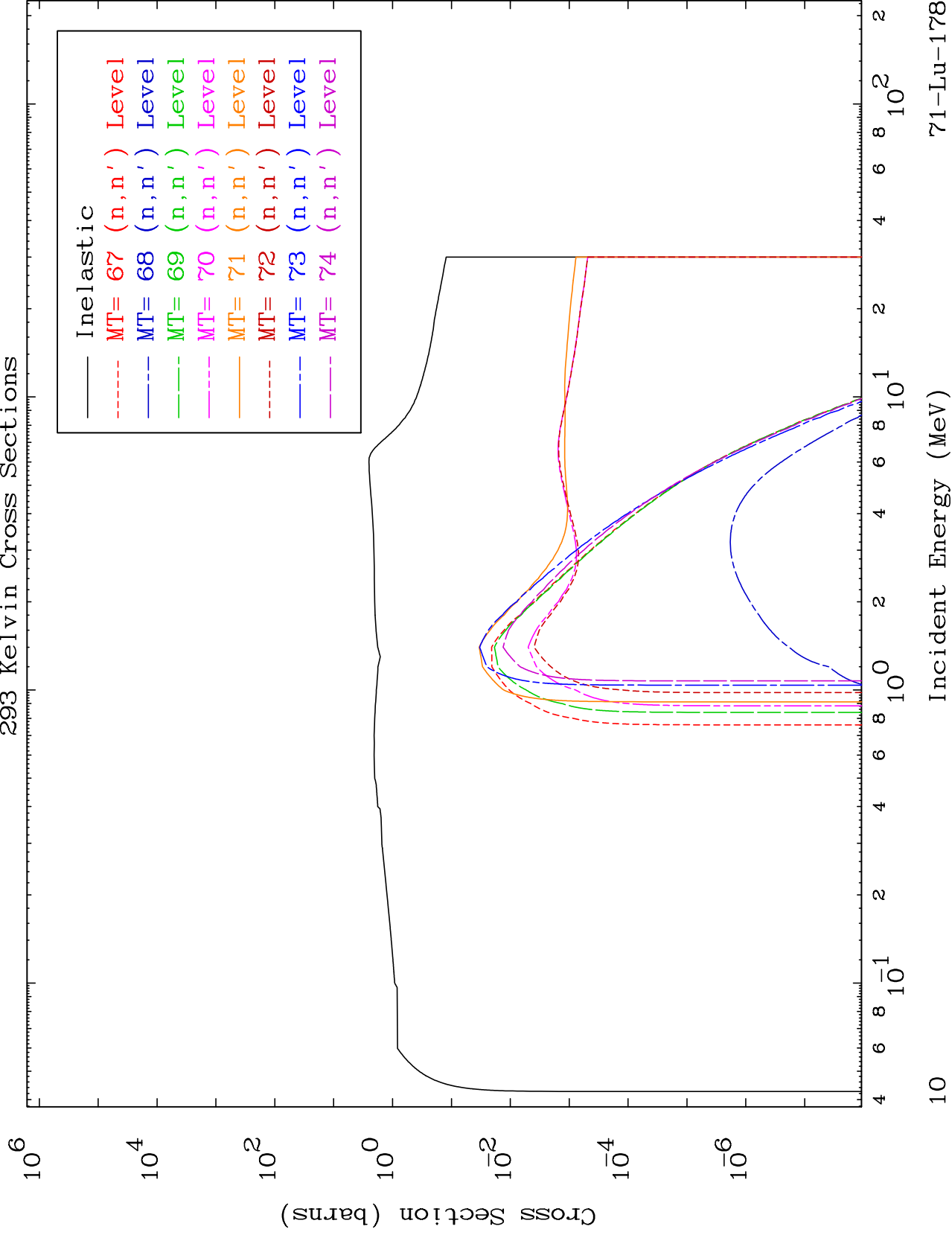


MAT 7134

(n,n') Levels

71-Lu-178

293 Kelvins Cross Sections



10

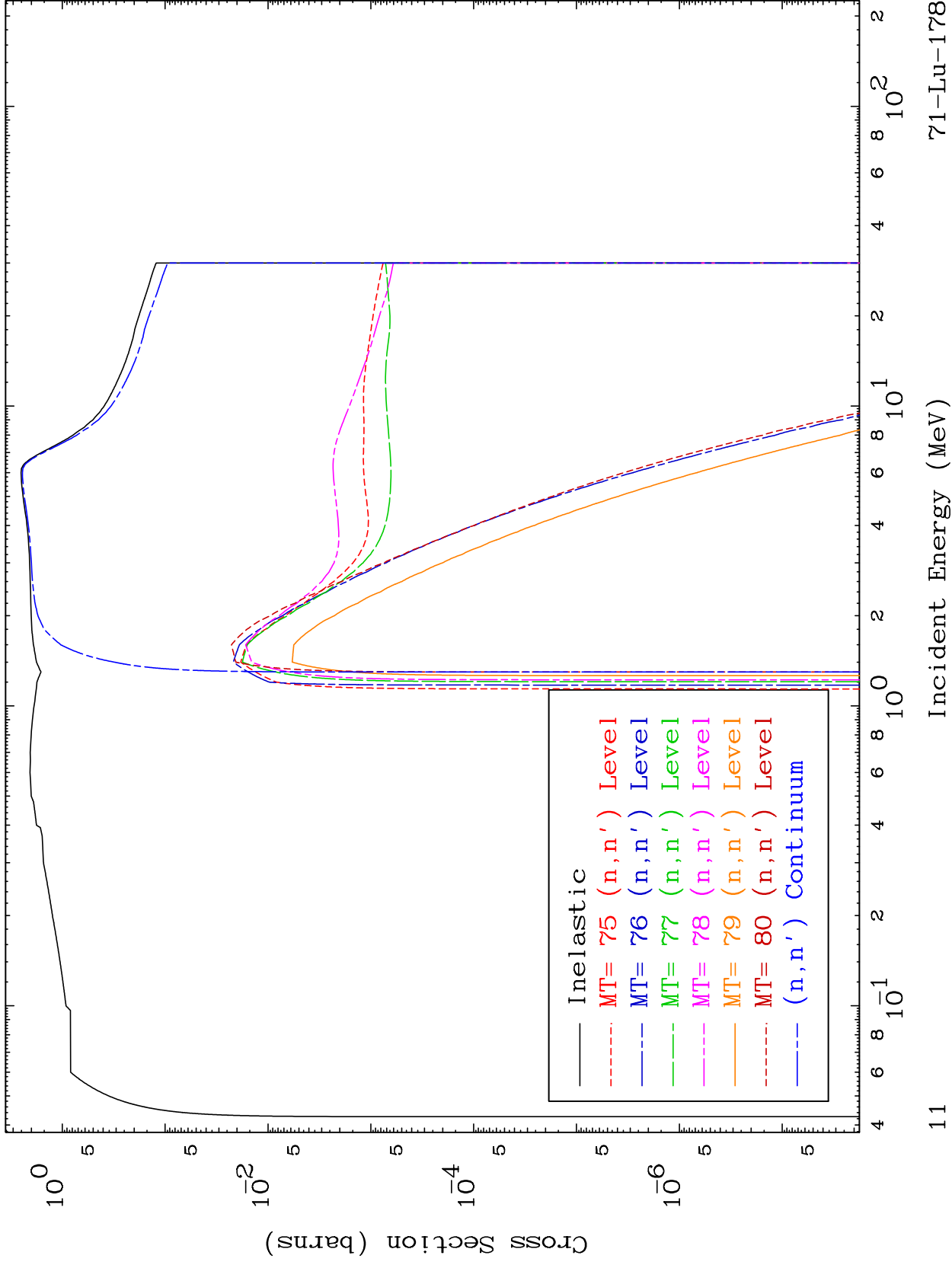
Incident Energy (MeV)

71-Lu-178

MAT 7134

293 Kelvin Cross Sections

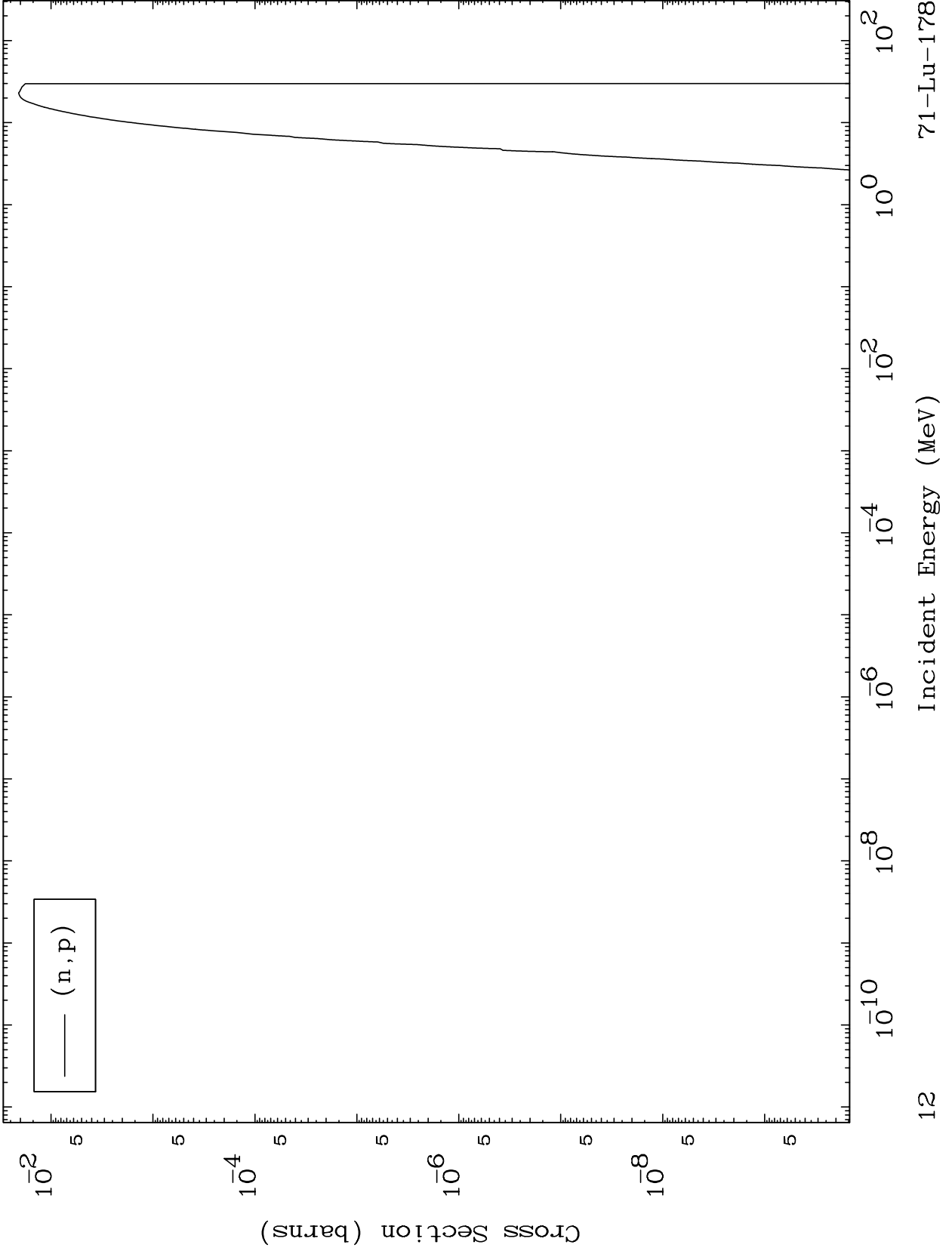
71-Lu-178



MAT 7134

(n,p) Levels
293 Kelvin Cross Sections

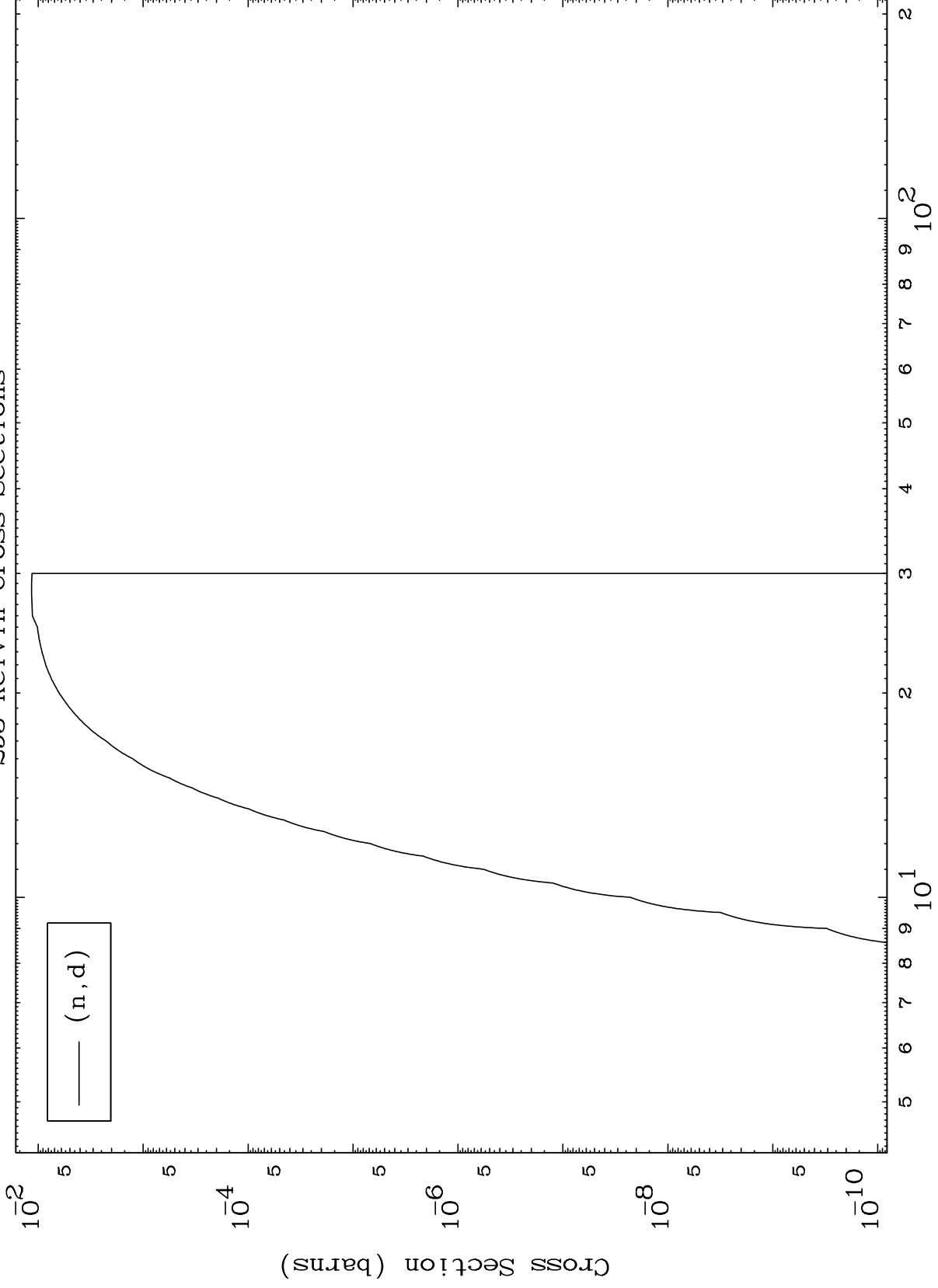
71-Lu-178



MAT 7134

(n,d) Levels
293 Kelvin Cross Sections

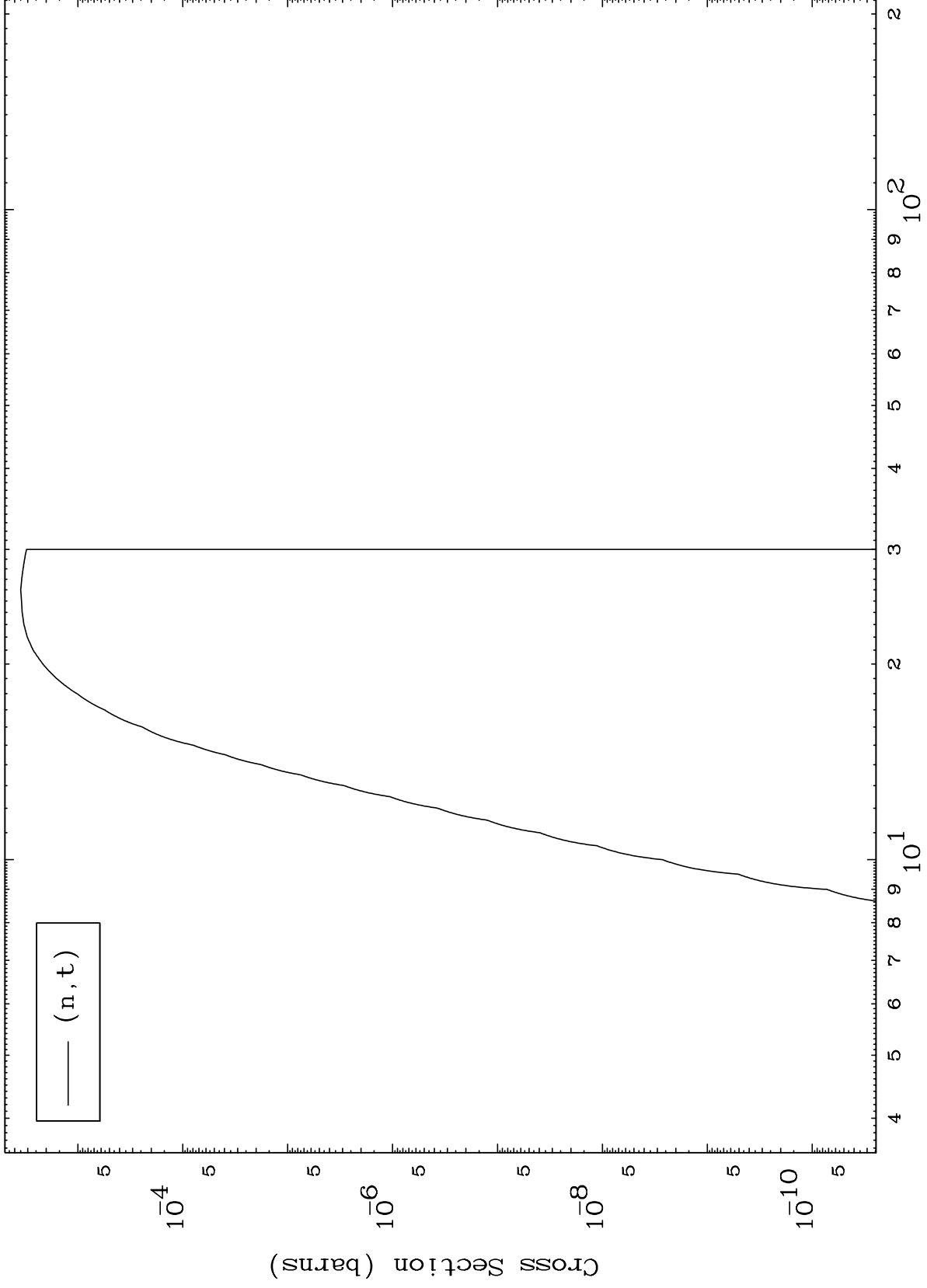
71-Lu-178



MAT 7134

(n,t) Levels
293 Kelvin Cross Sections

71-Lu-178



14

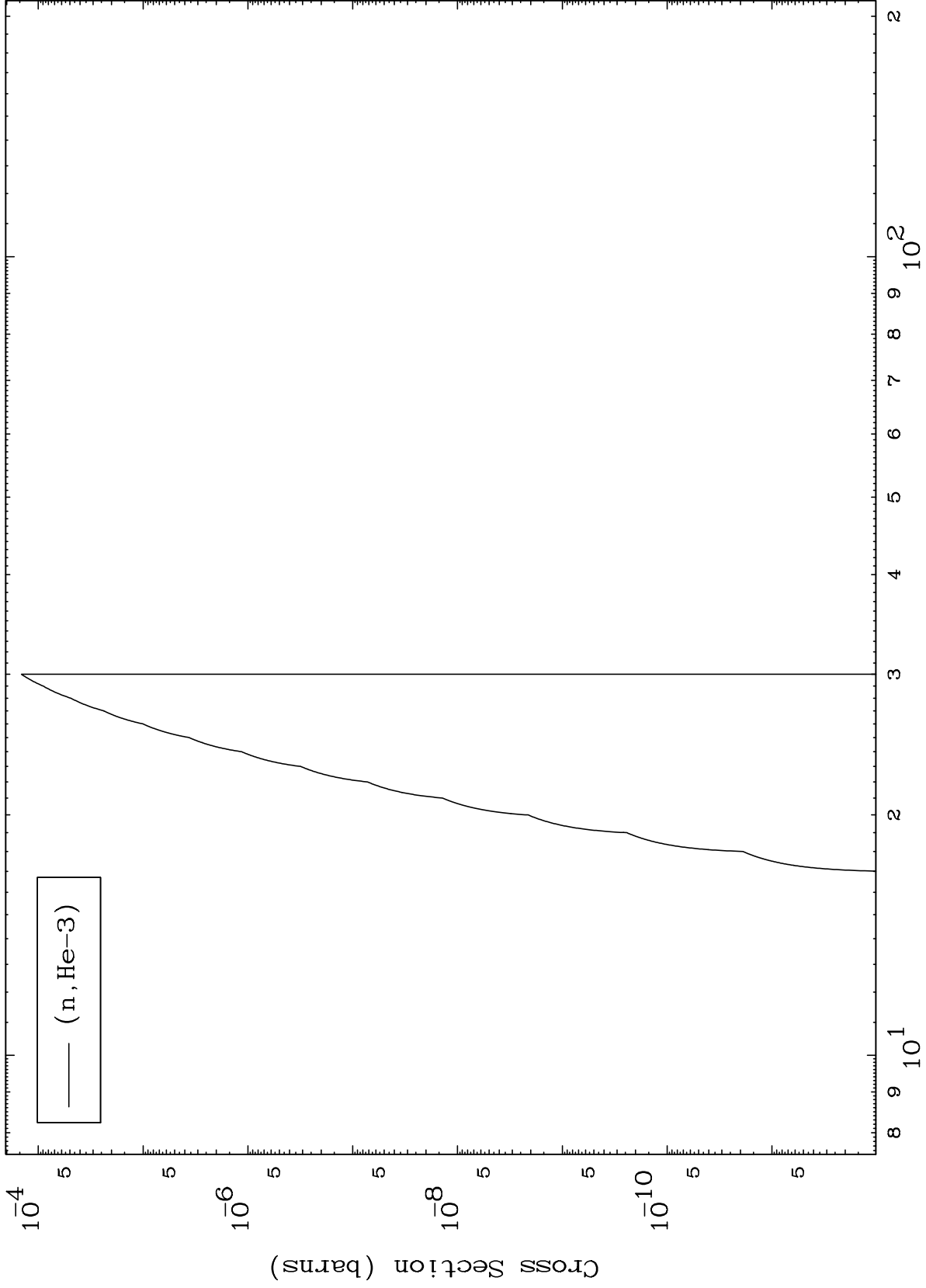
Incident Energy (MeV)

71-Lu-178

MAT 7134

(n,He3) Levels
293 Kelvin Cross Sections

71-Lu-178



15

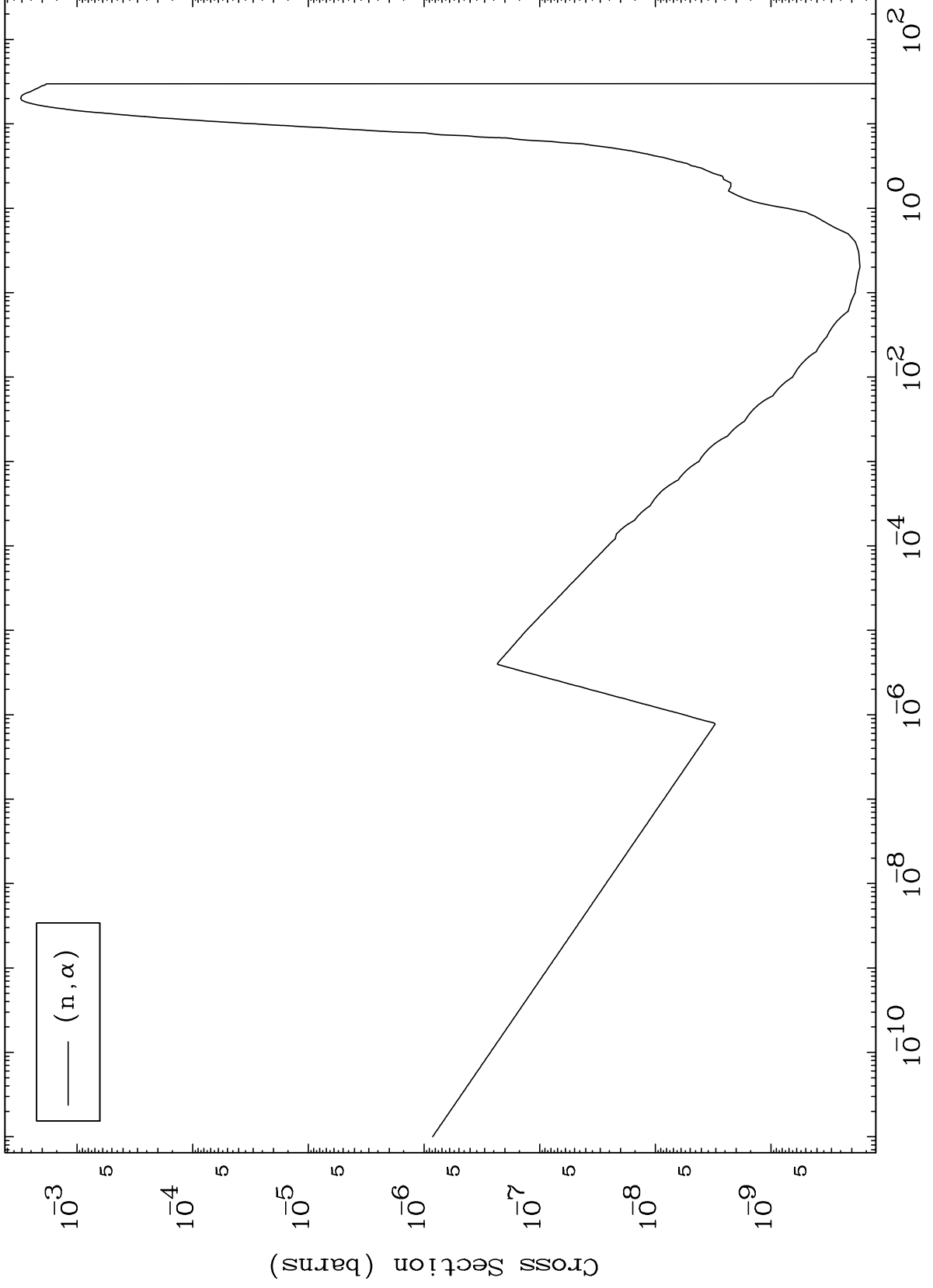
Incident Energy (MeV)

71-Lu-178

MAT 7134

(n, α) Levels
293 Kelvin Cross Sections

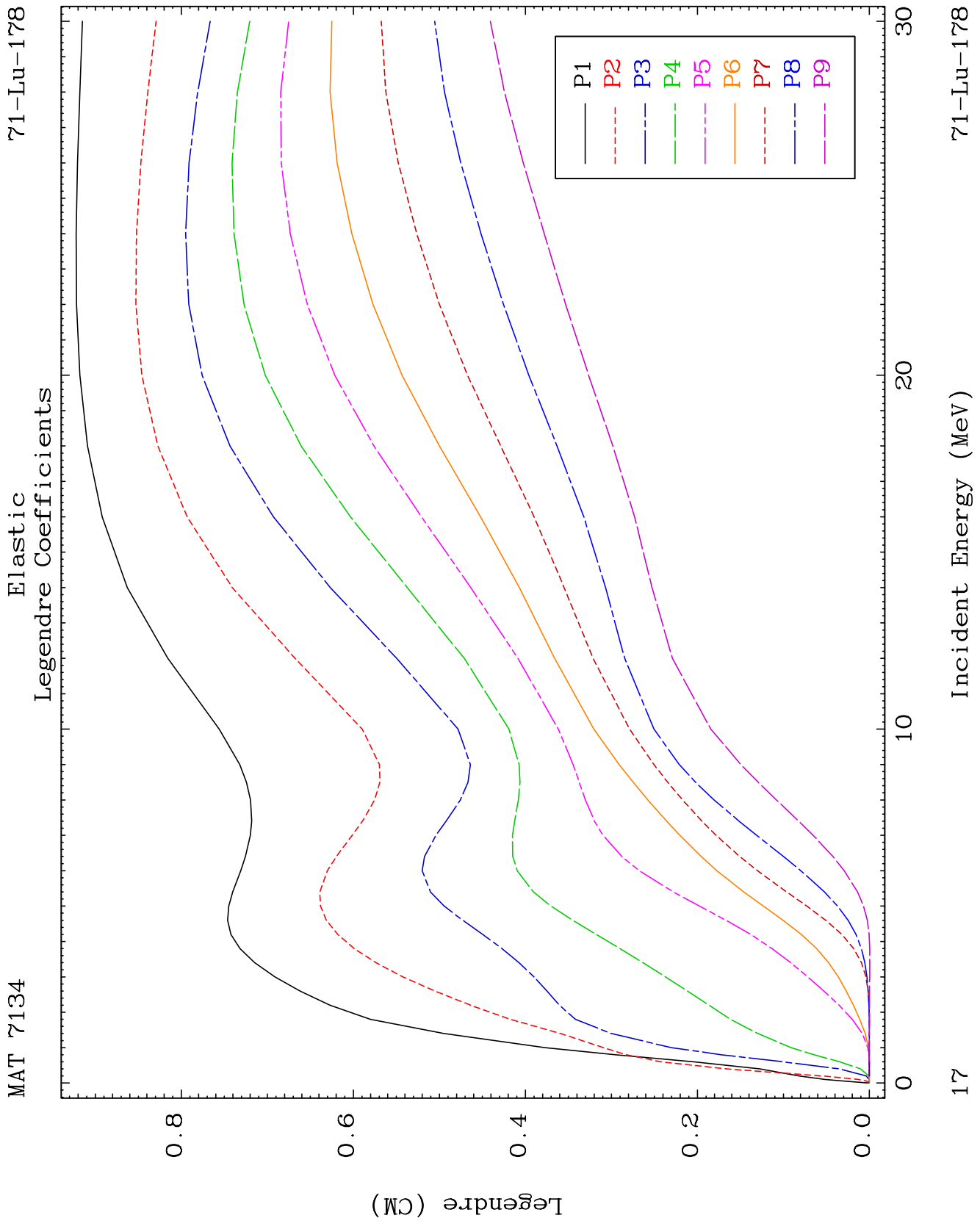
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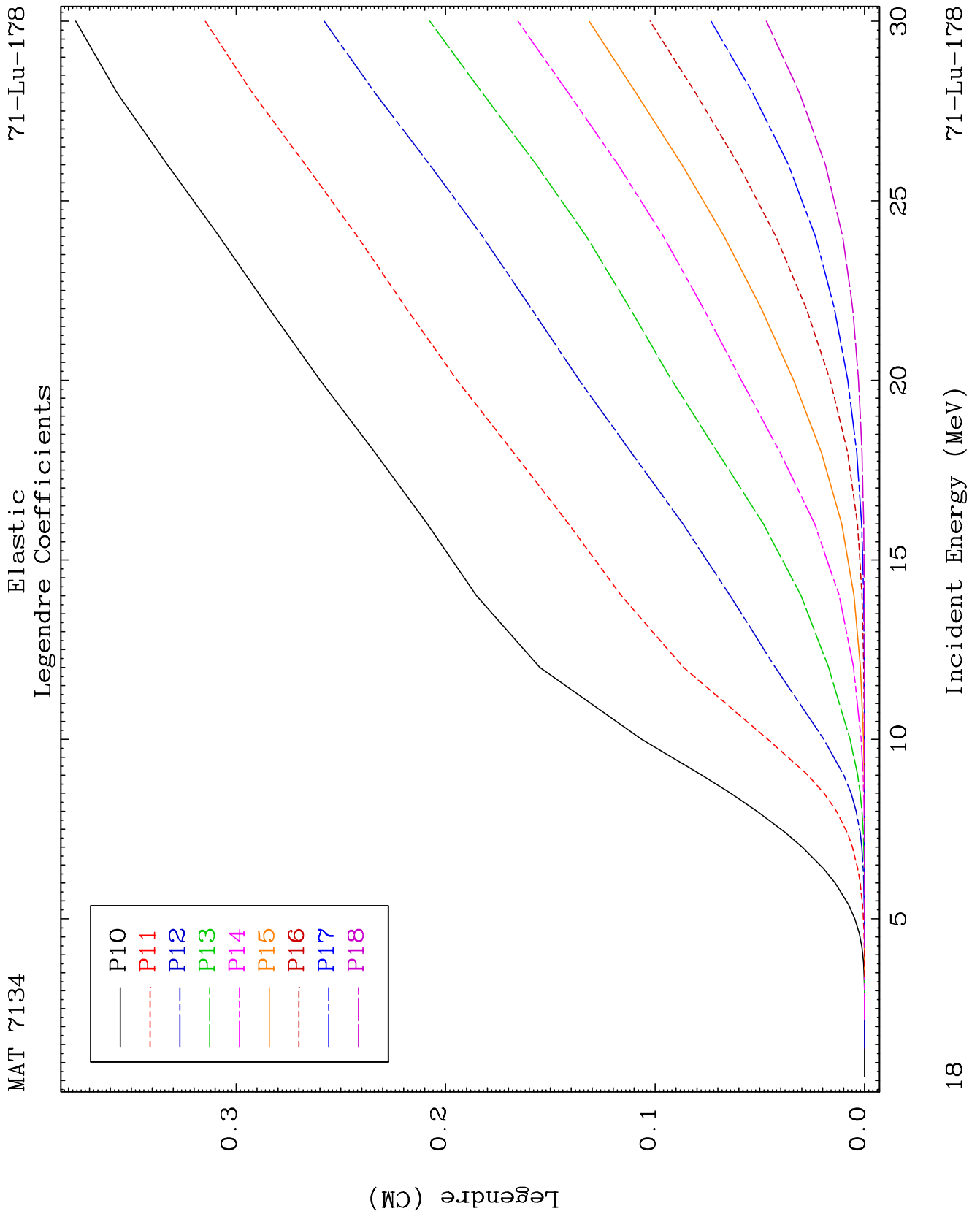


16

Incident Energy (MeV)

71-Lu-178

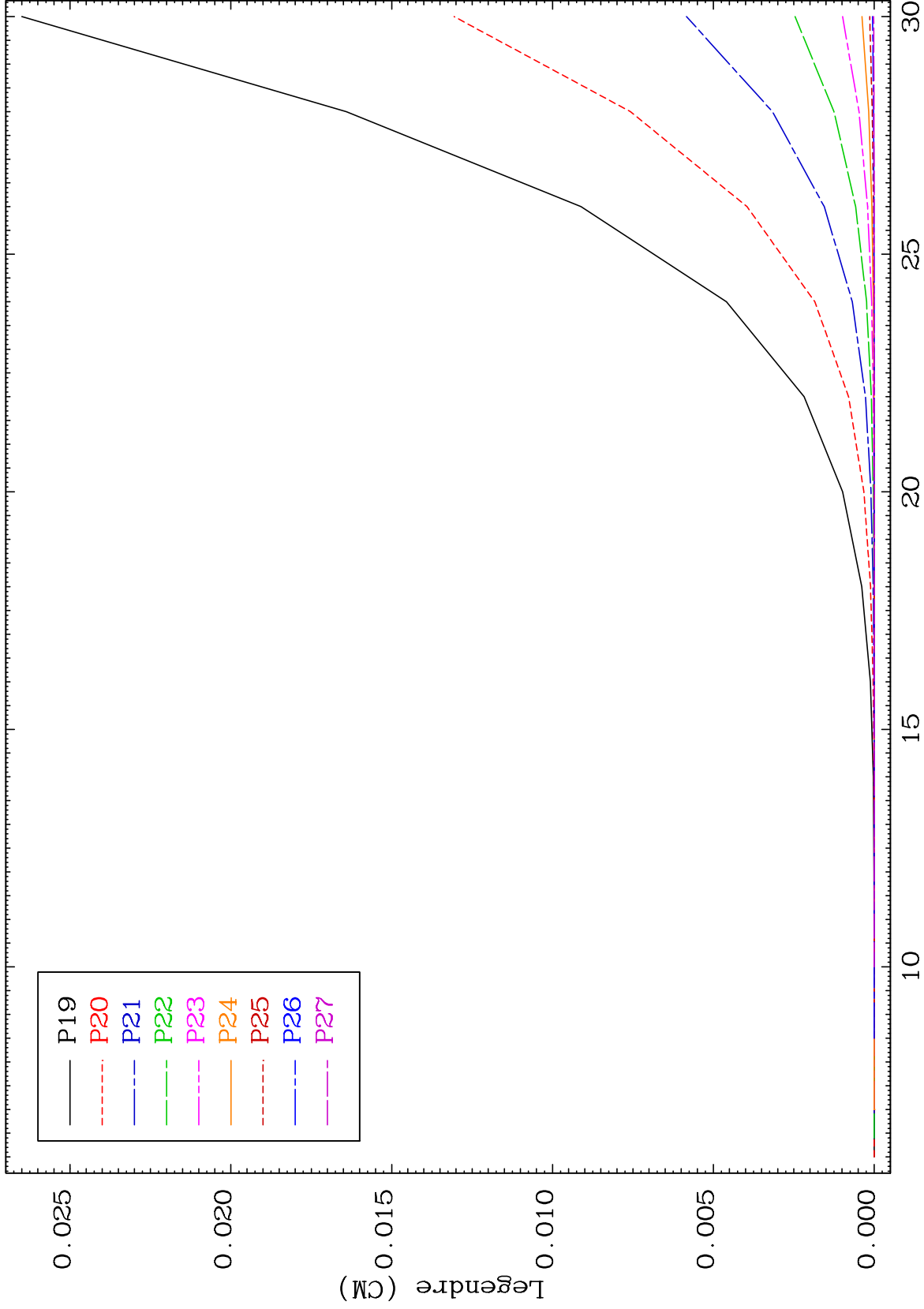




MAT 7134

Elastic Legendre Coefficients

71-Lu-178



19

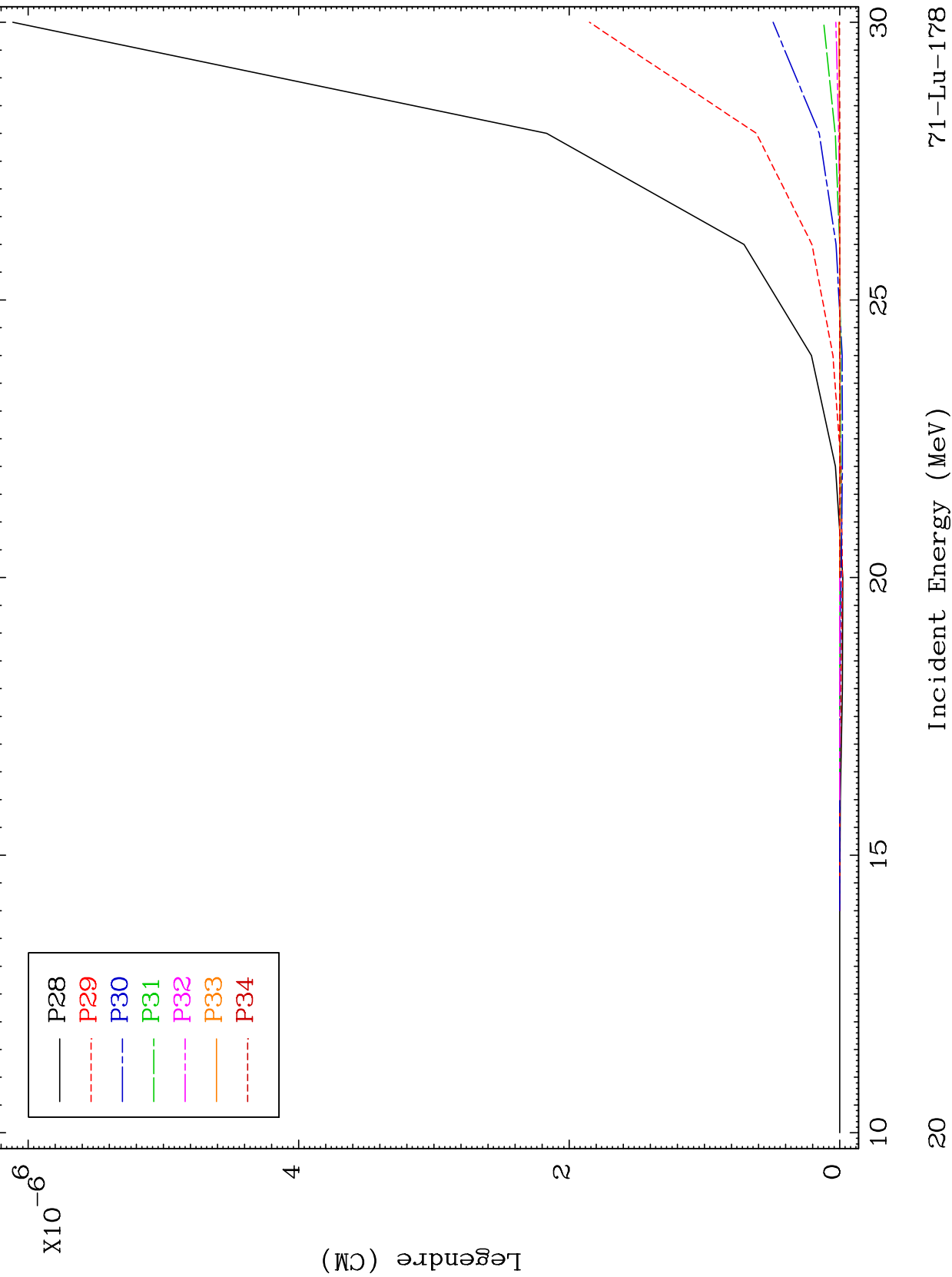
Incident Energy (MeV)

71-Lu-178

MAT 7134

Elastic Legendre Coefficients

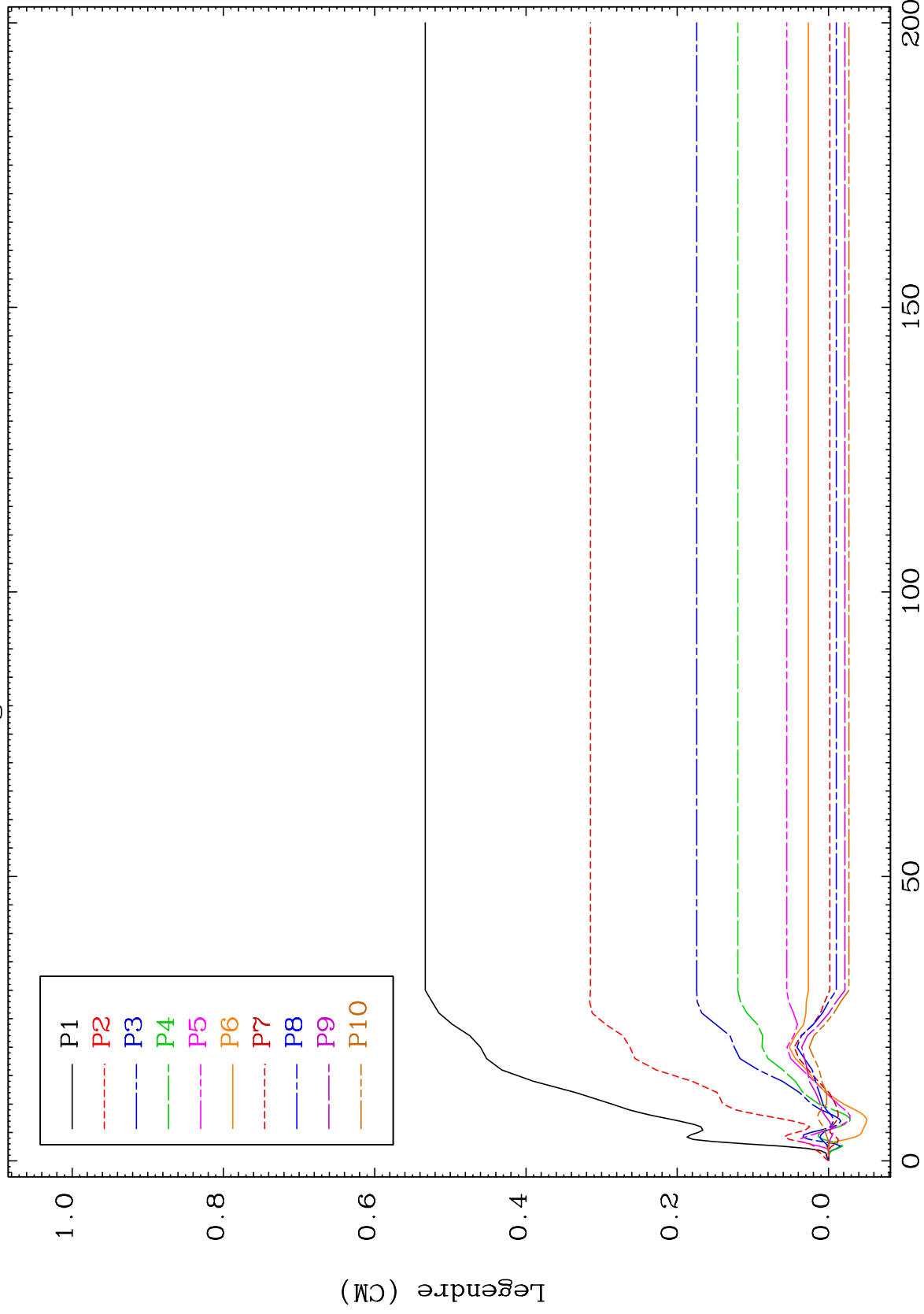
⁷¹Lu-178



MAT 7134

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

71-Lu-178



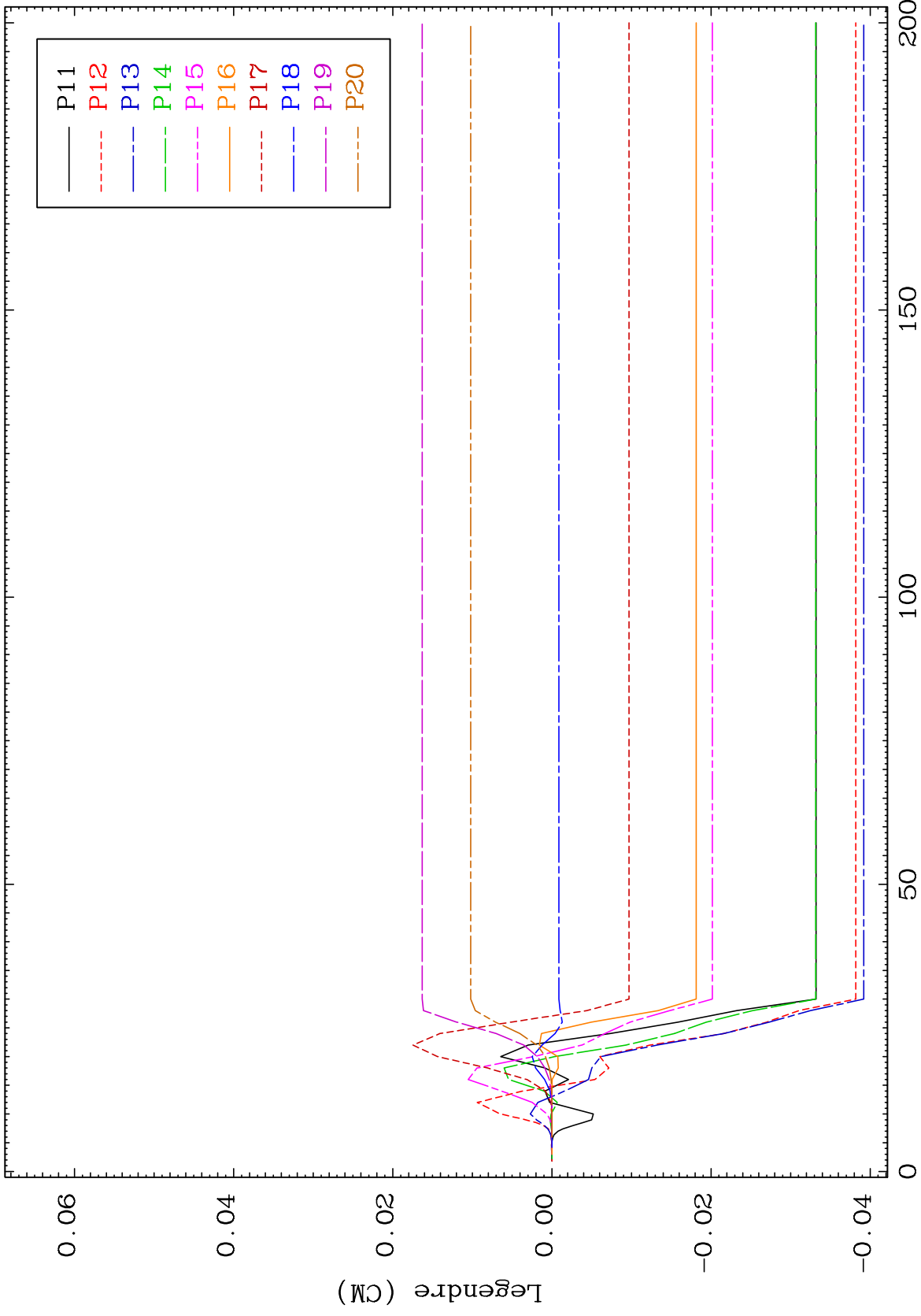
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71-Lu-178

MAT 7134

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

71-Lu-178



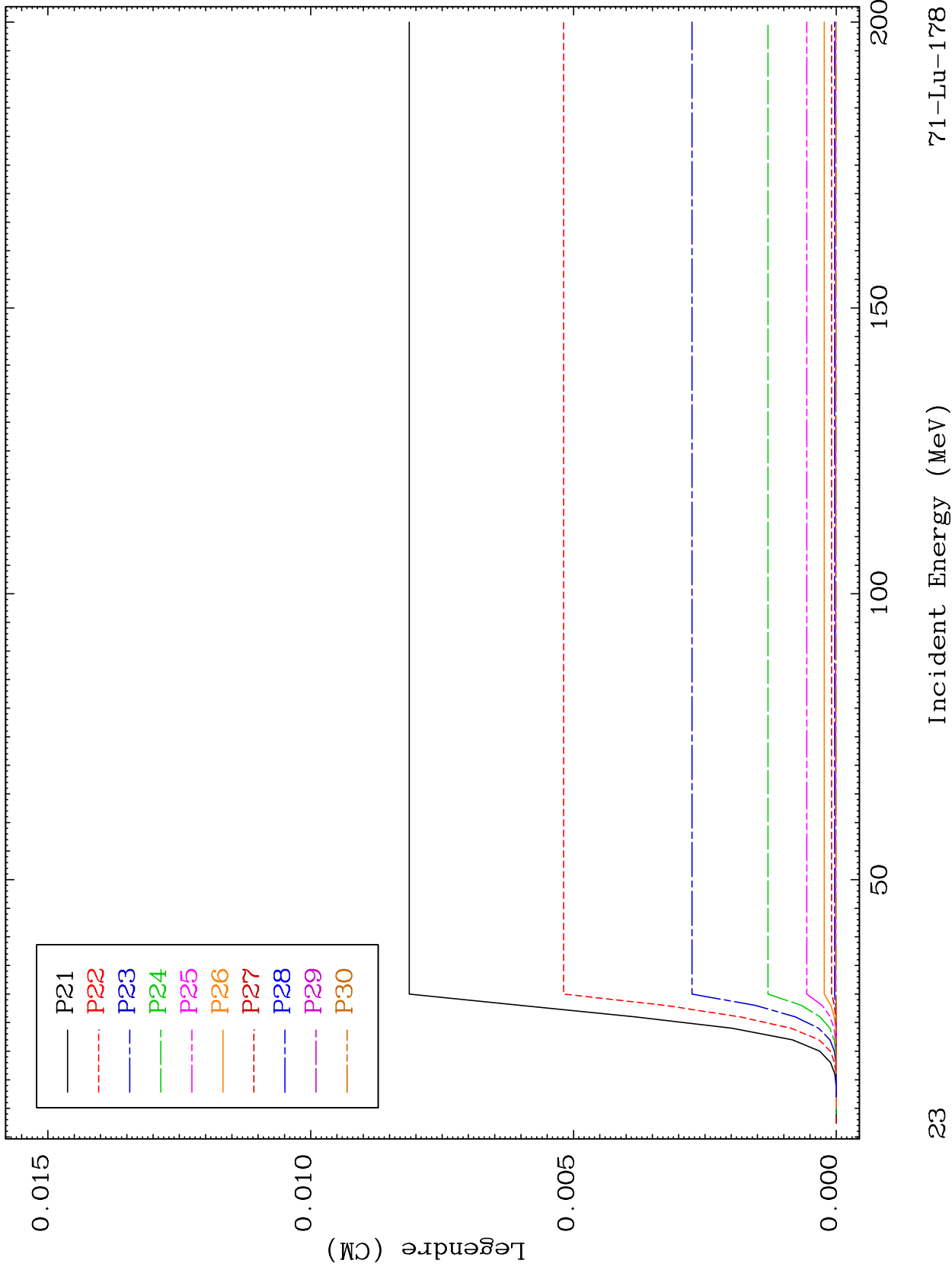
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71-Lu-178

MAT 7134

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

71-Lu-178



23

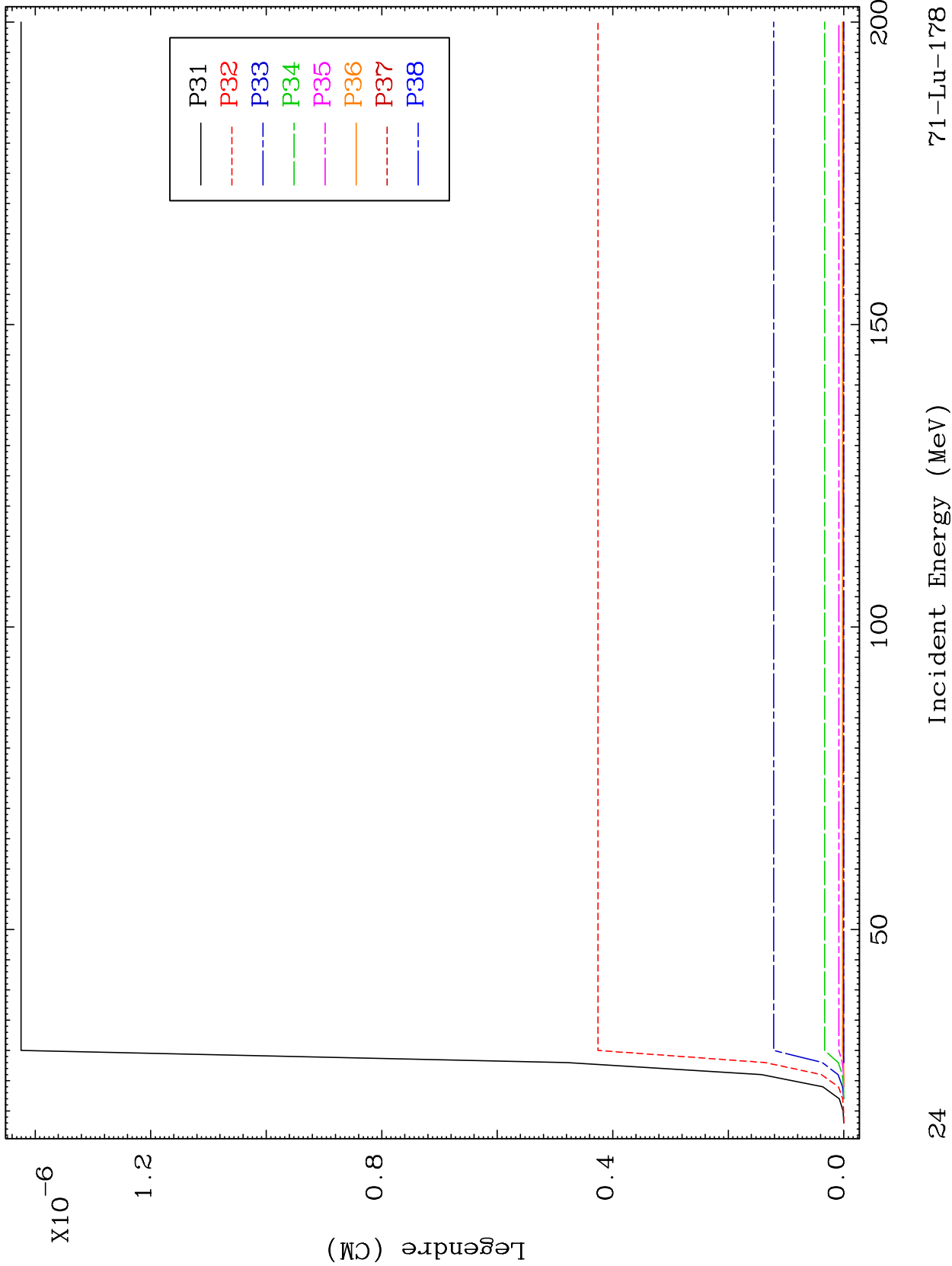
Incident Energy (MeV)

71-Lu-178

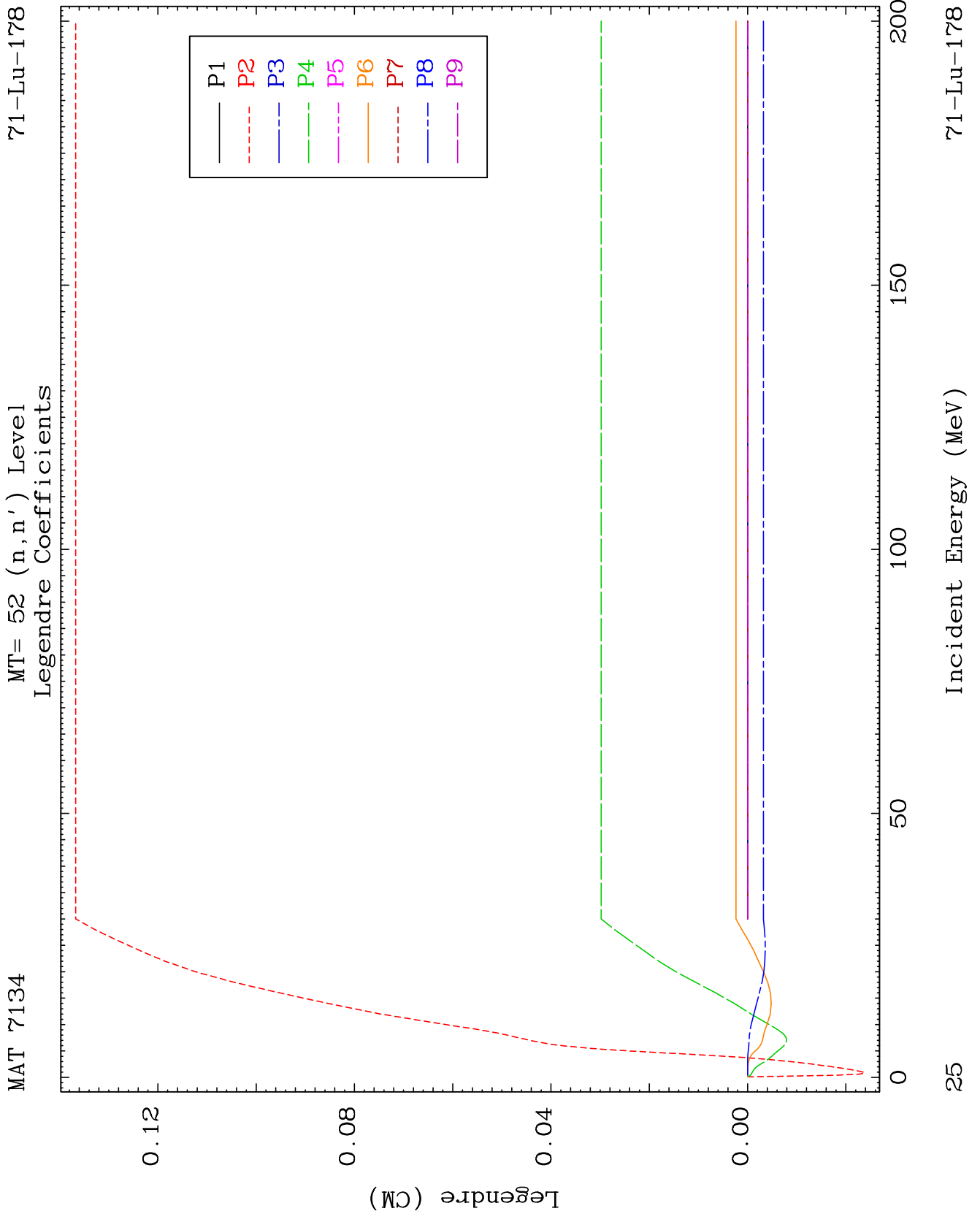
MAT 7134

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

71-Lu-178



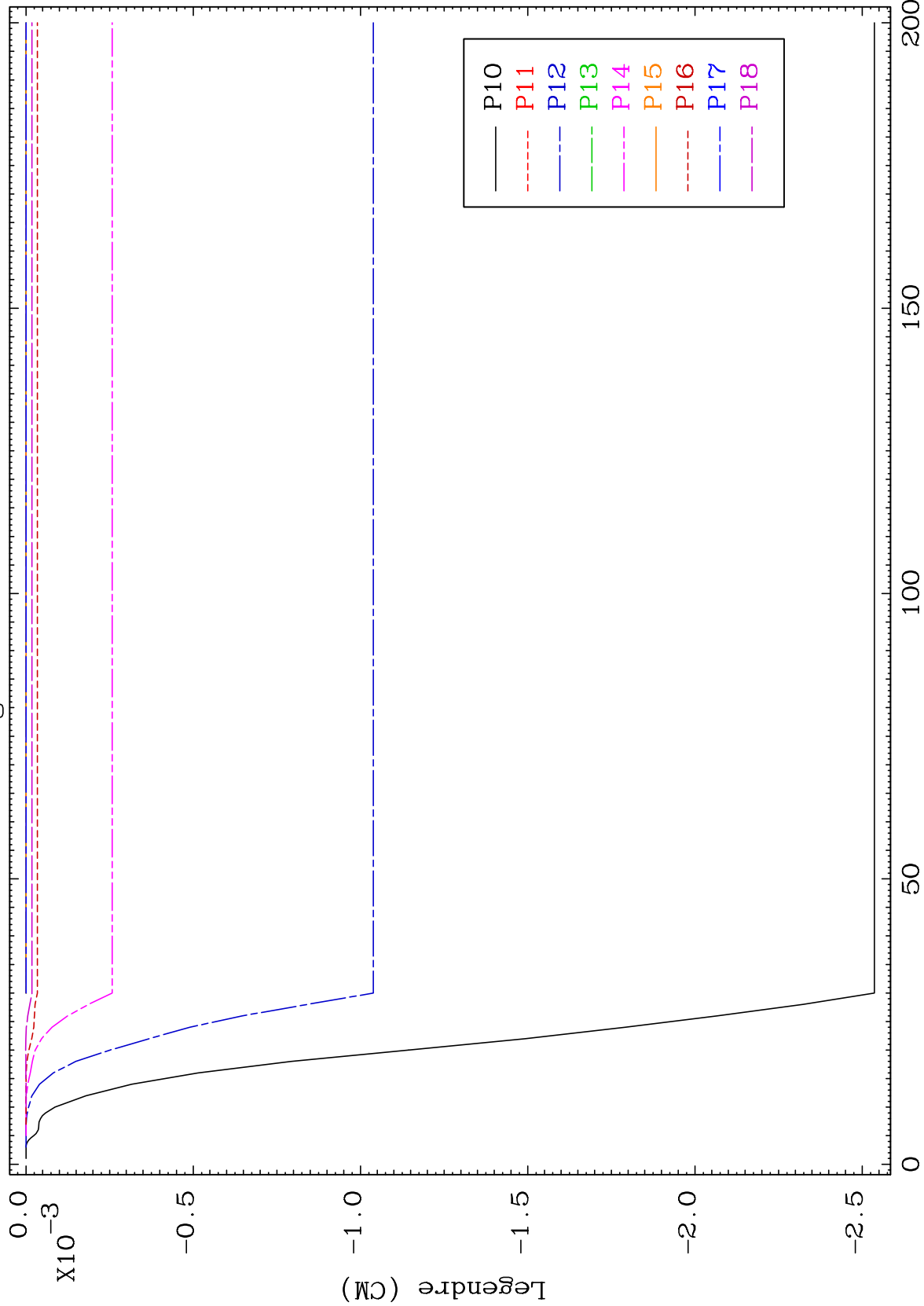
24



MAT 7134

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

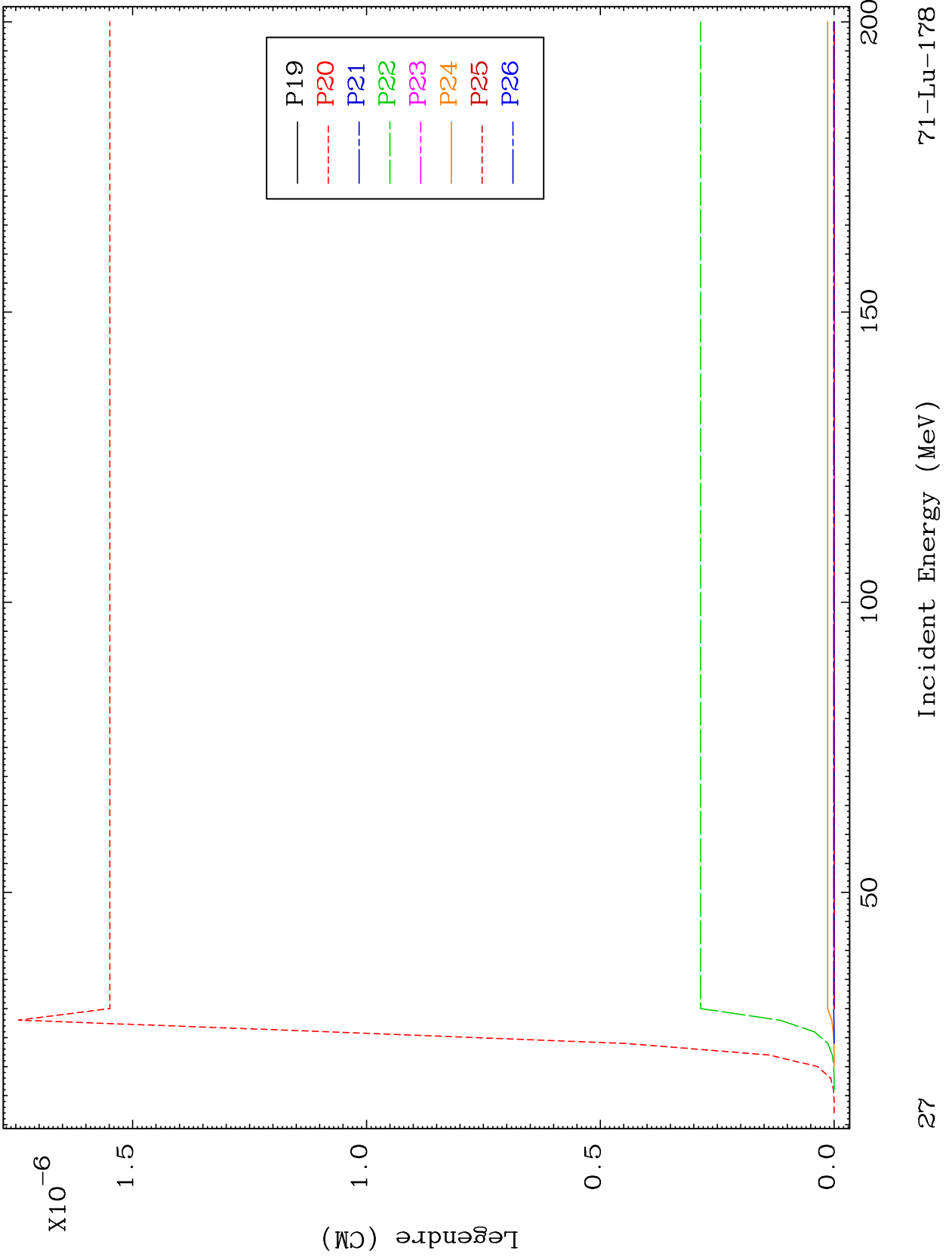
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MAT 7134

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

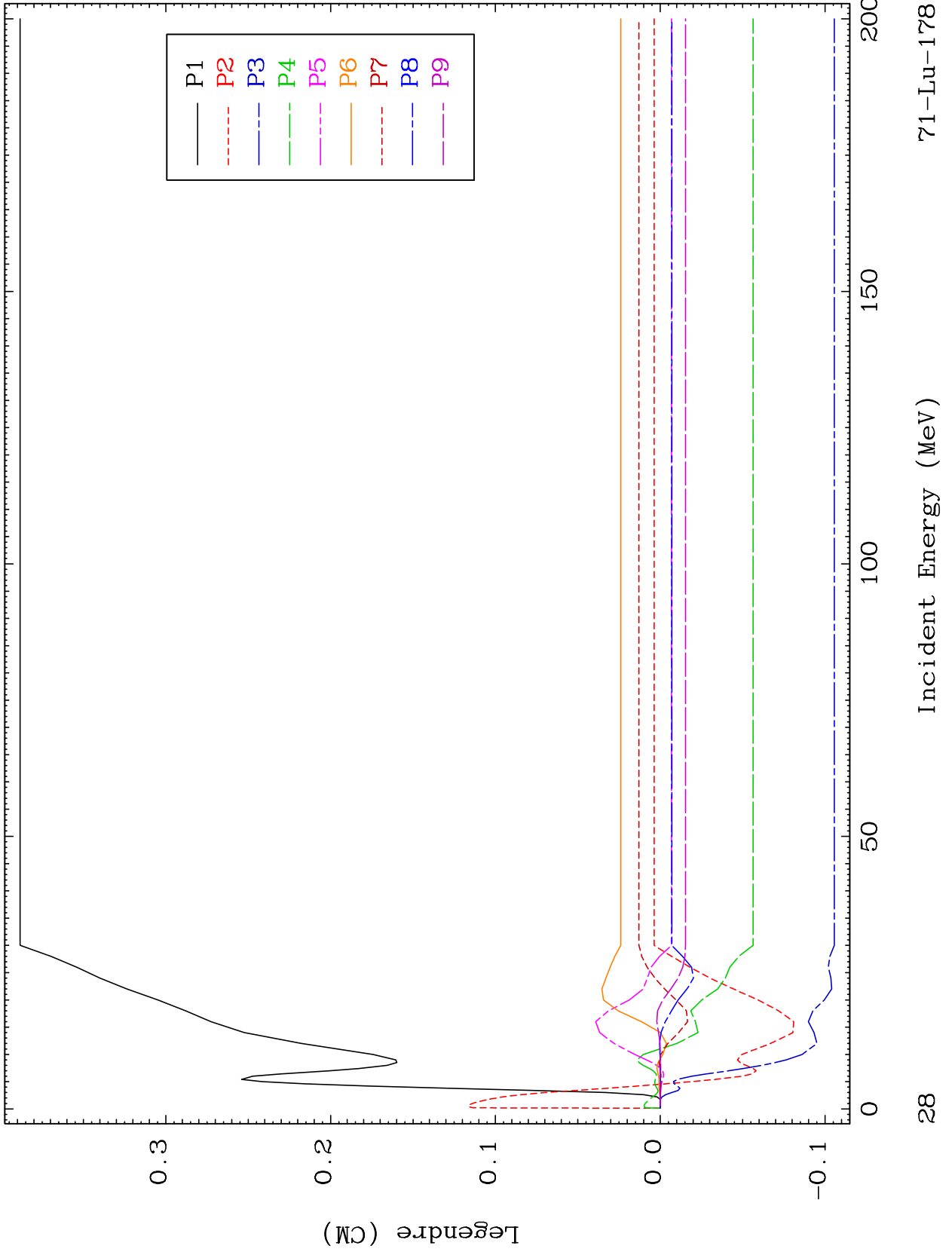
71-Lu-178



MAT 7134

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

71-Lu-178



71-Lu-178

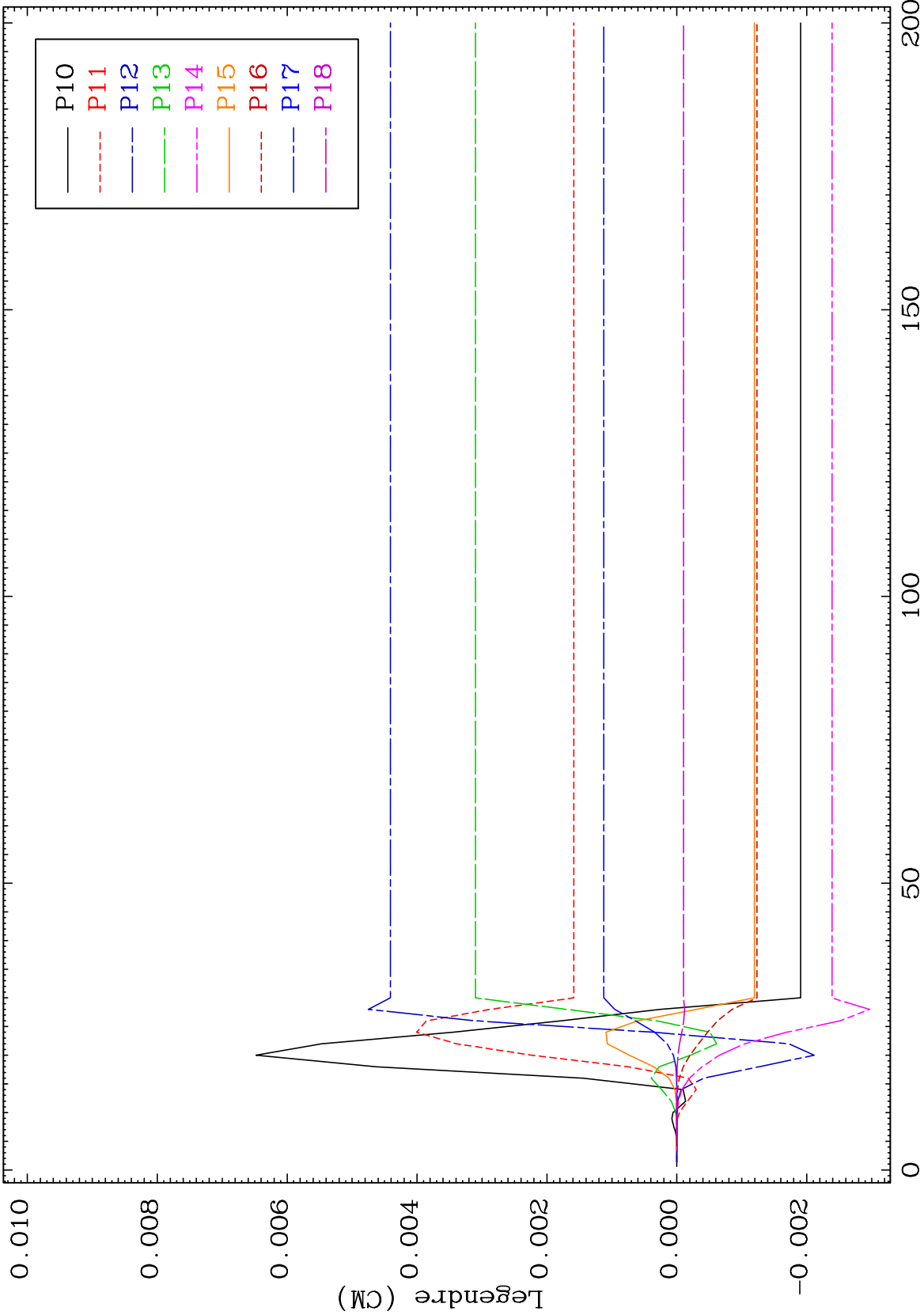
Incident Energy (MeV)

28

MAT 7134

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

71-Lu-178



29

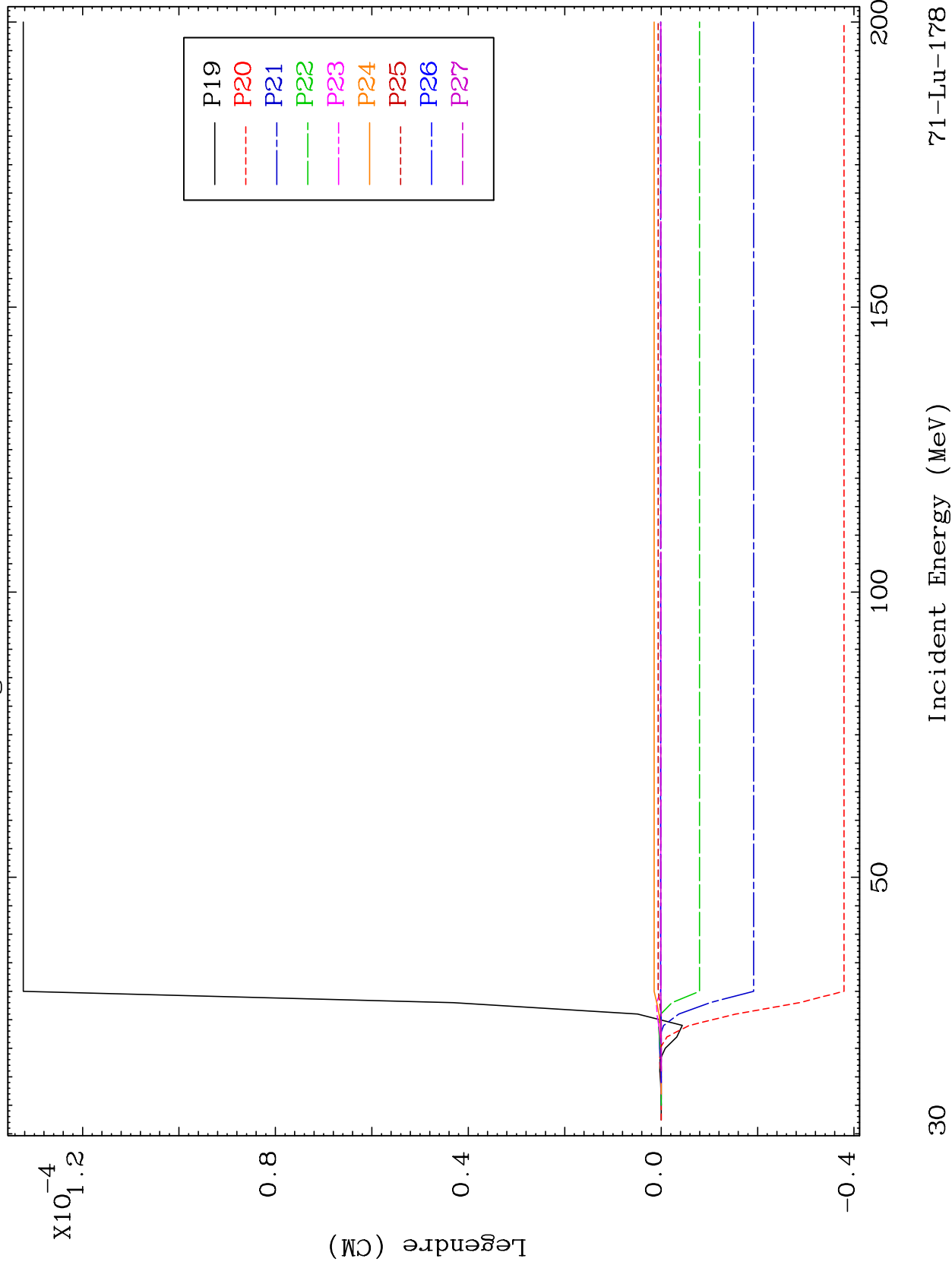
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178



30

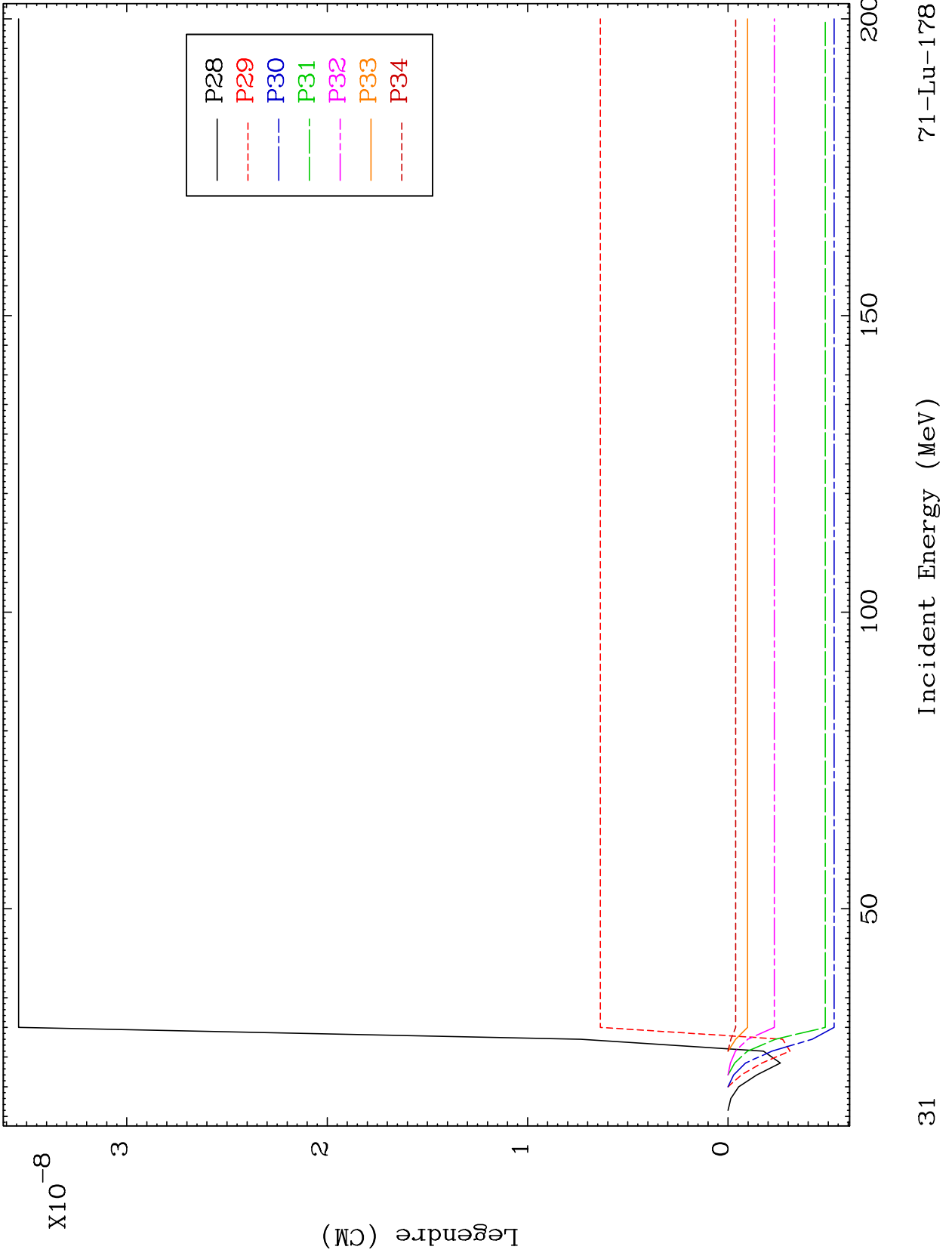
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

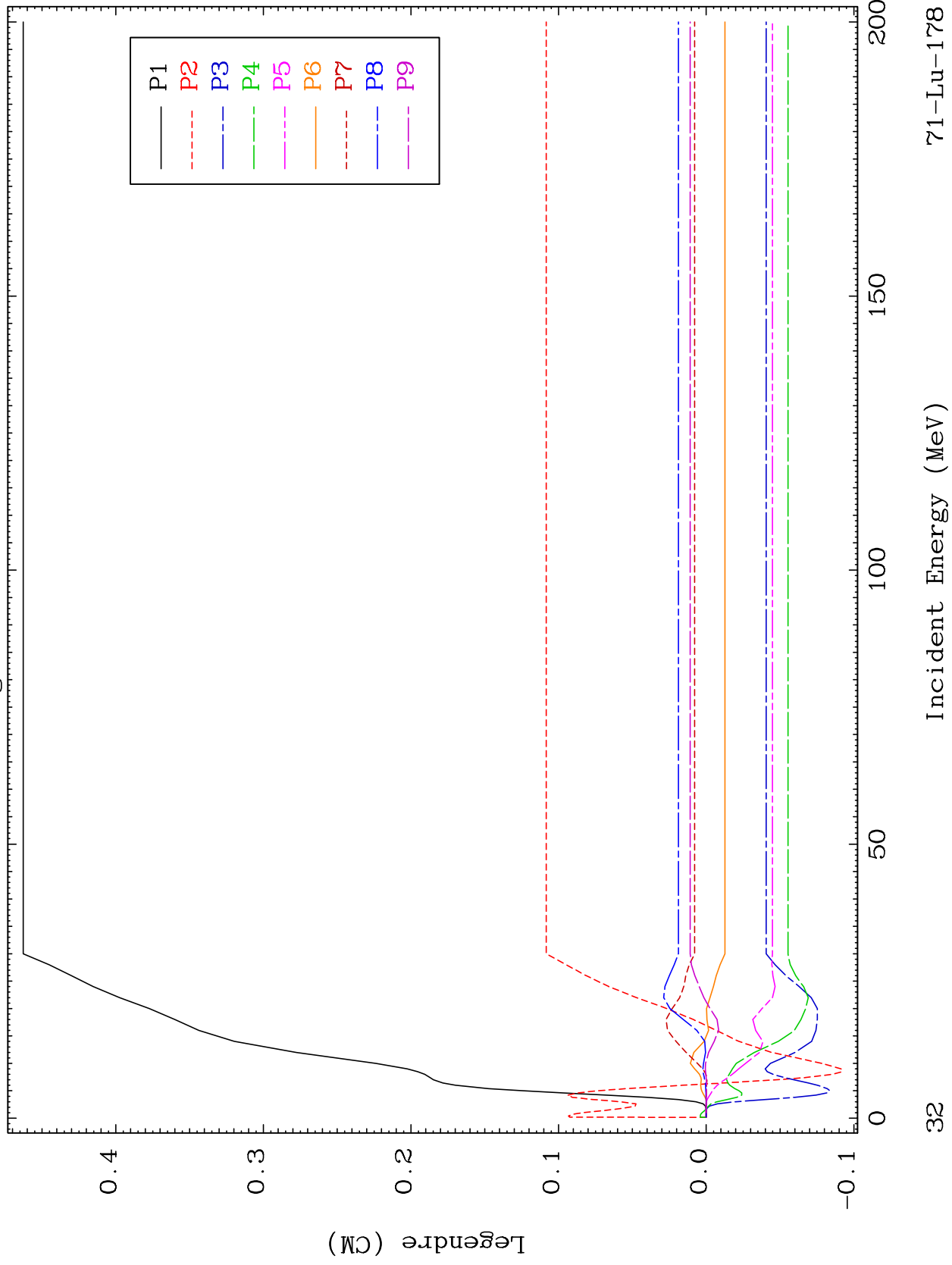
71-Lu-178



MAT 7134

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

71-Lu-178



71-Lu-178

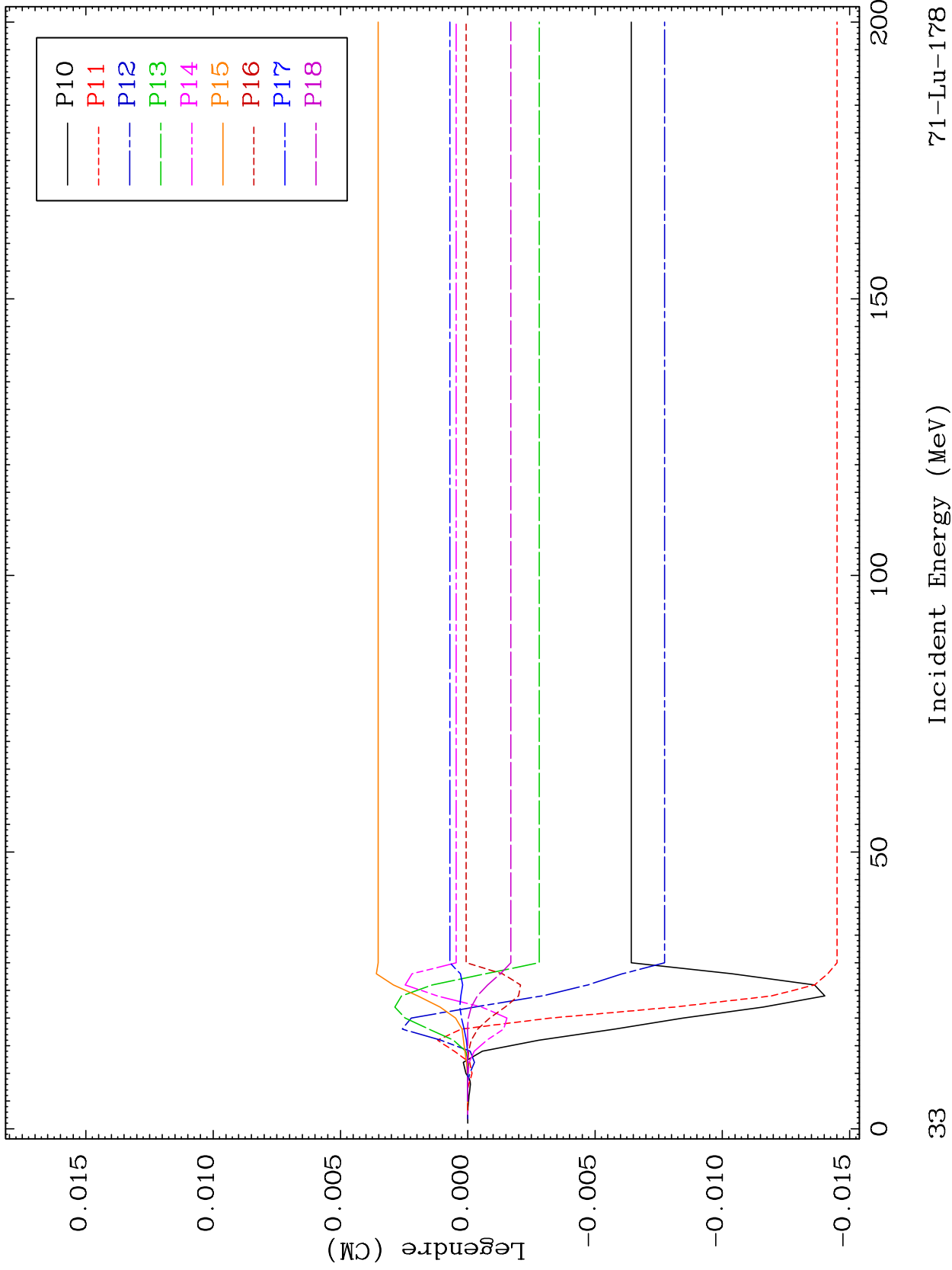
Incident Energy (MeV)

32

MAT 7134

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

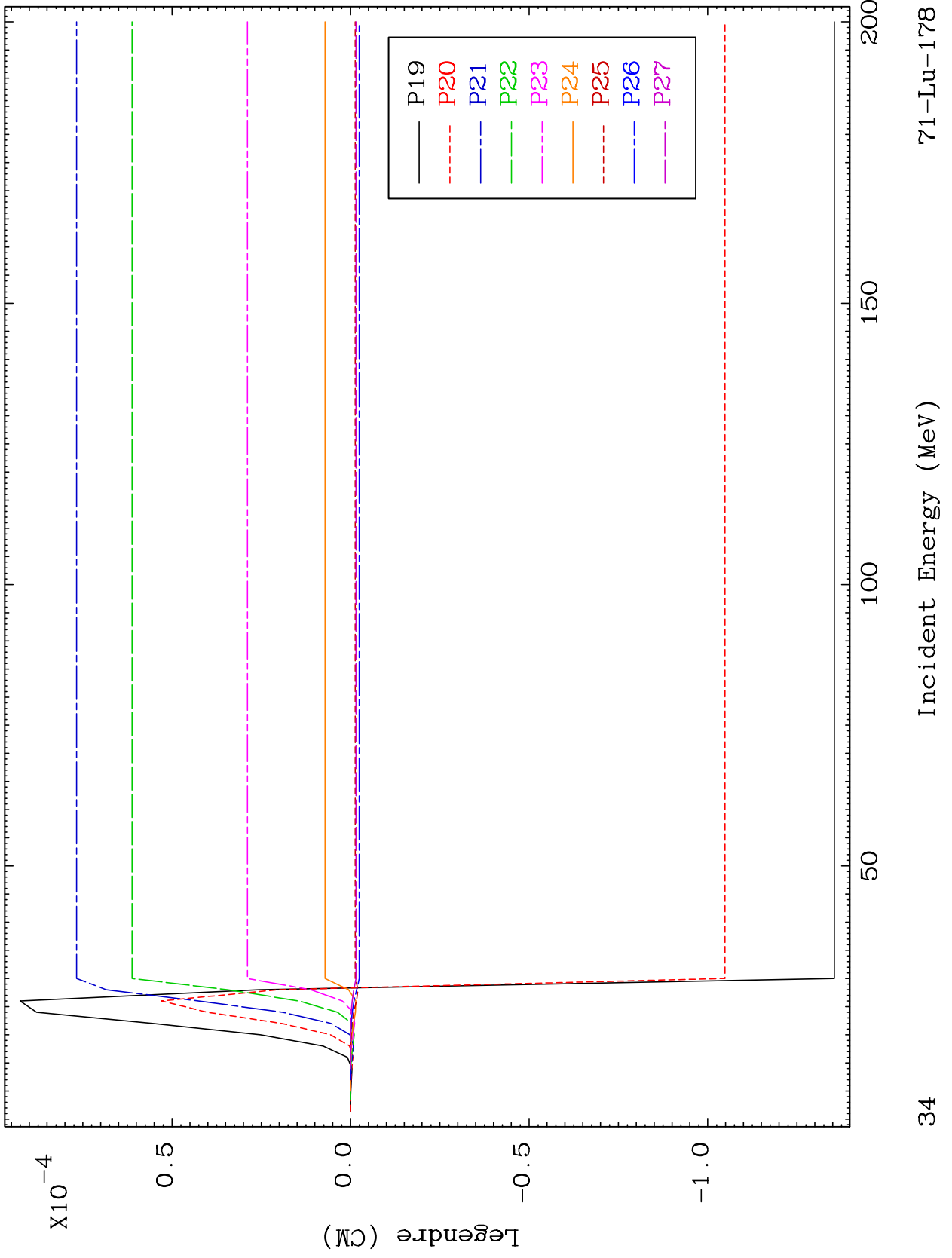
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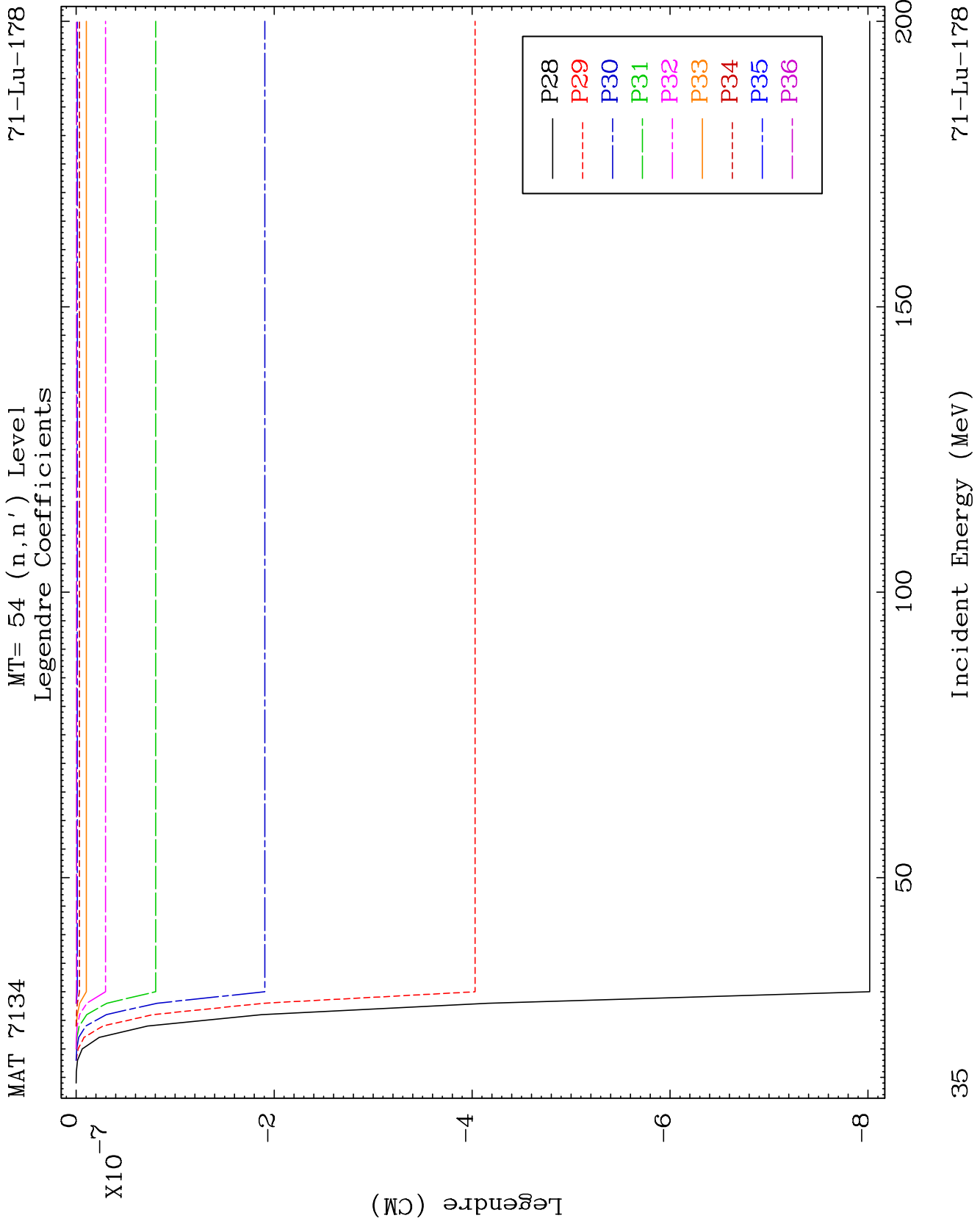


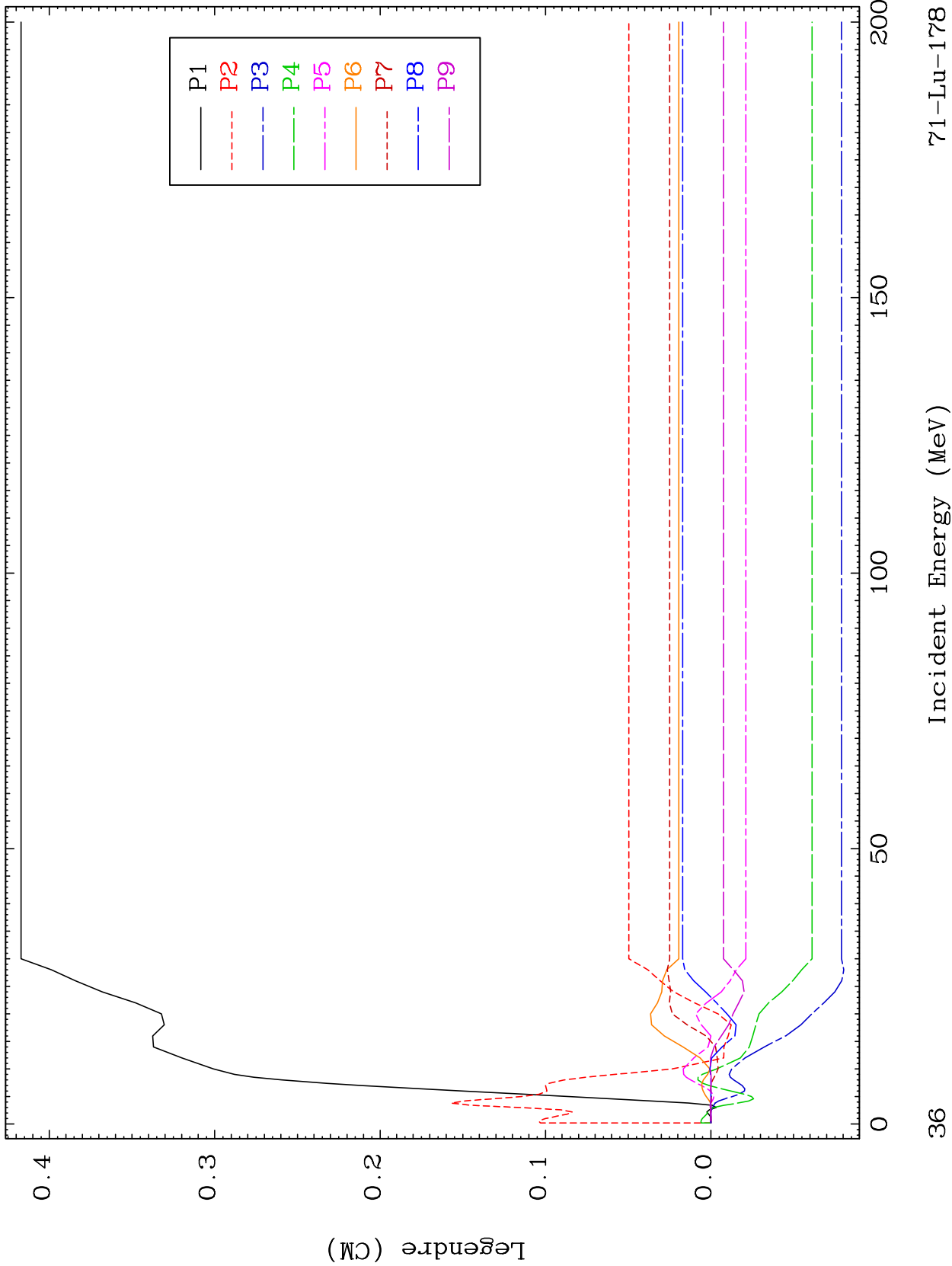
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Incident Energy (MeV)

71-Lu-178



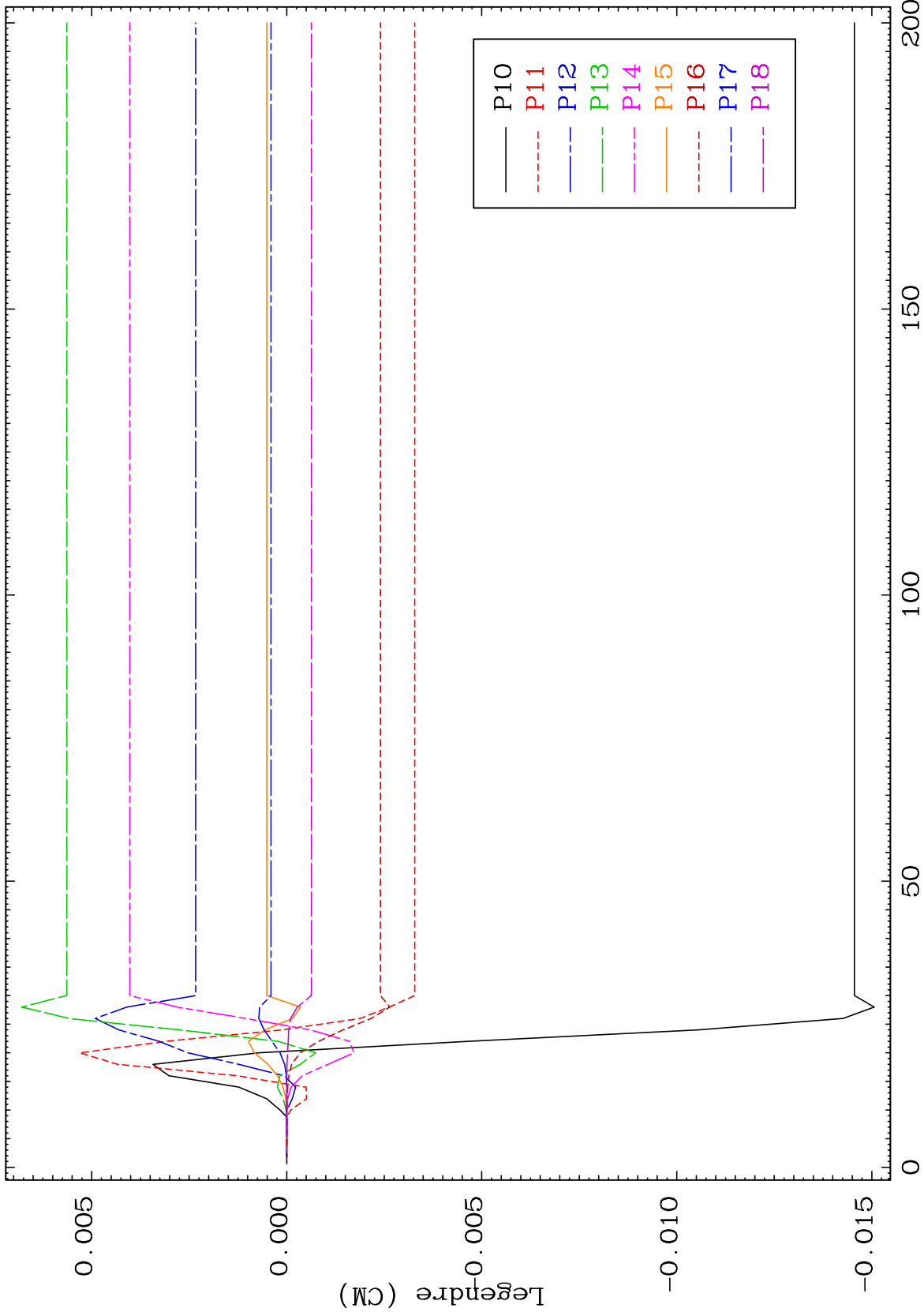




MAT 7134

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

71-Lu-178



37

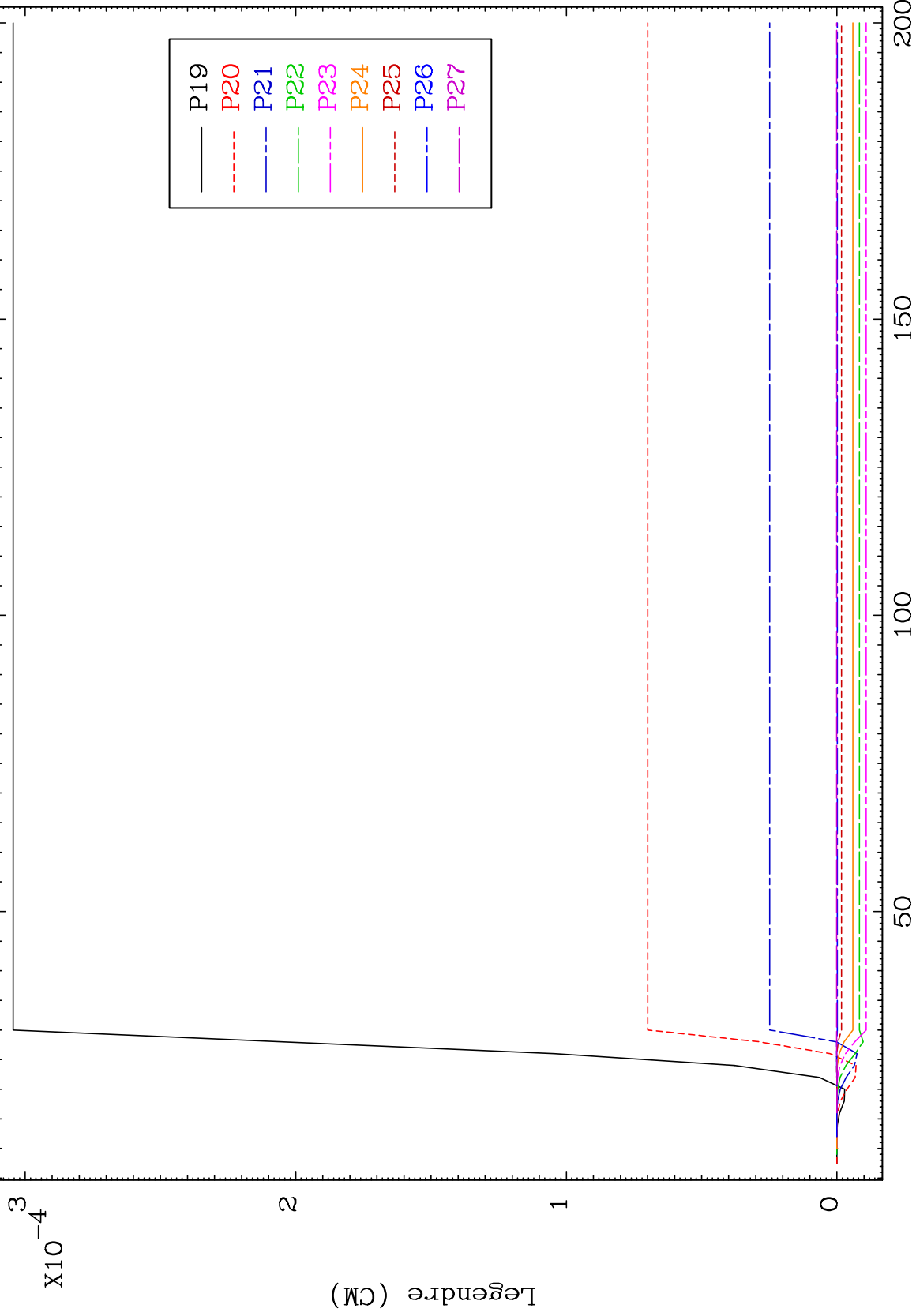
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178



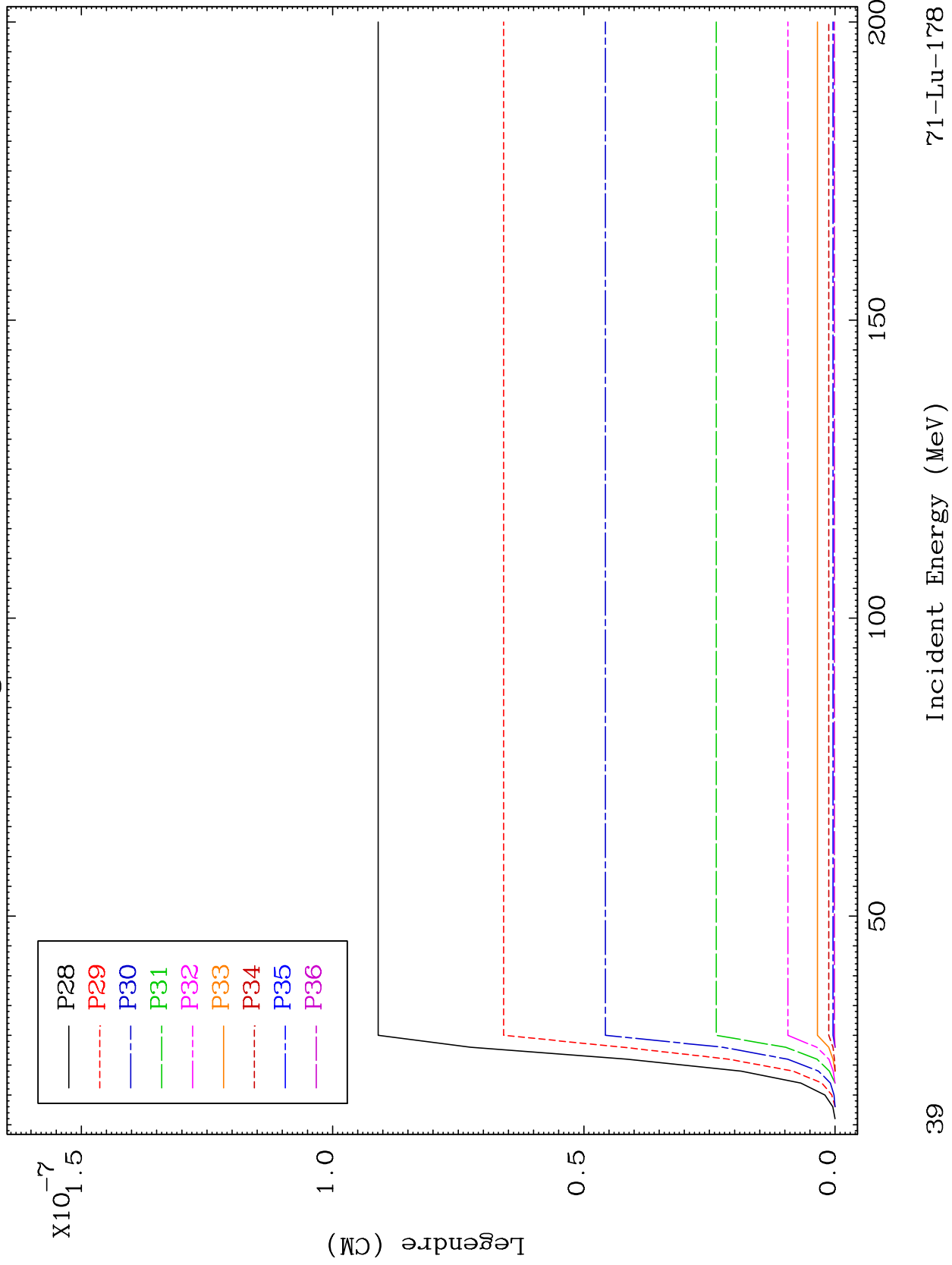
38

71-Lu-178

MAT 7134

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

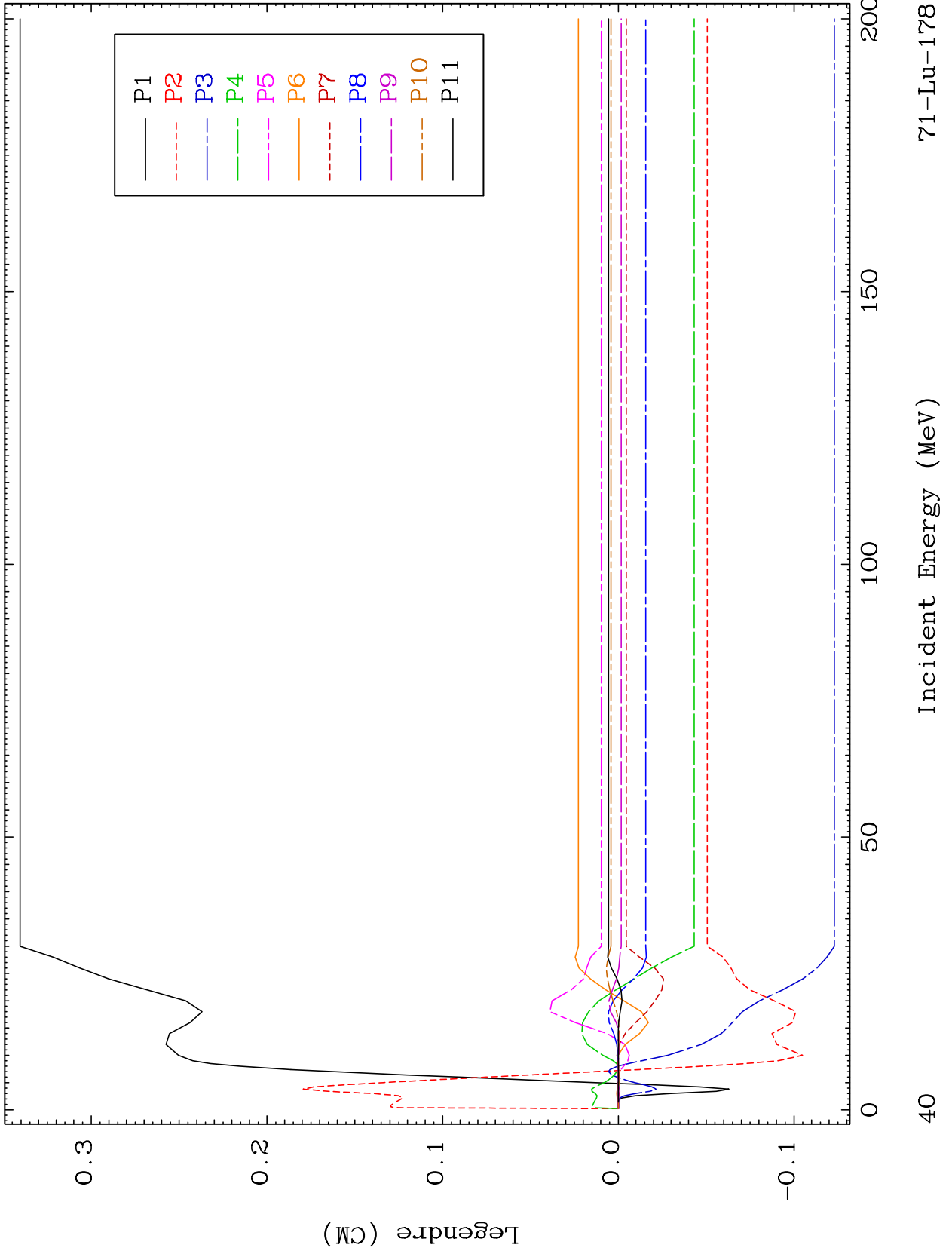
71-Lu-178



MAT 7134

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

71-Lu-178

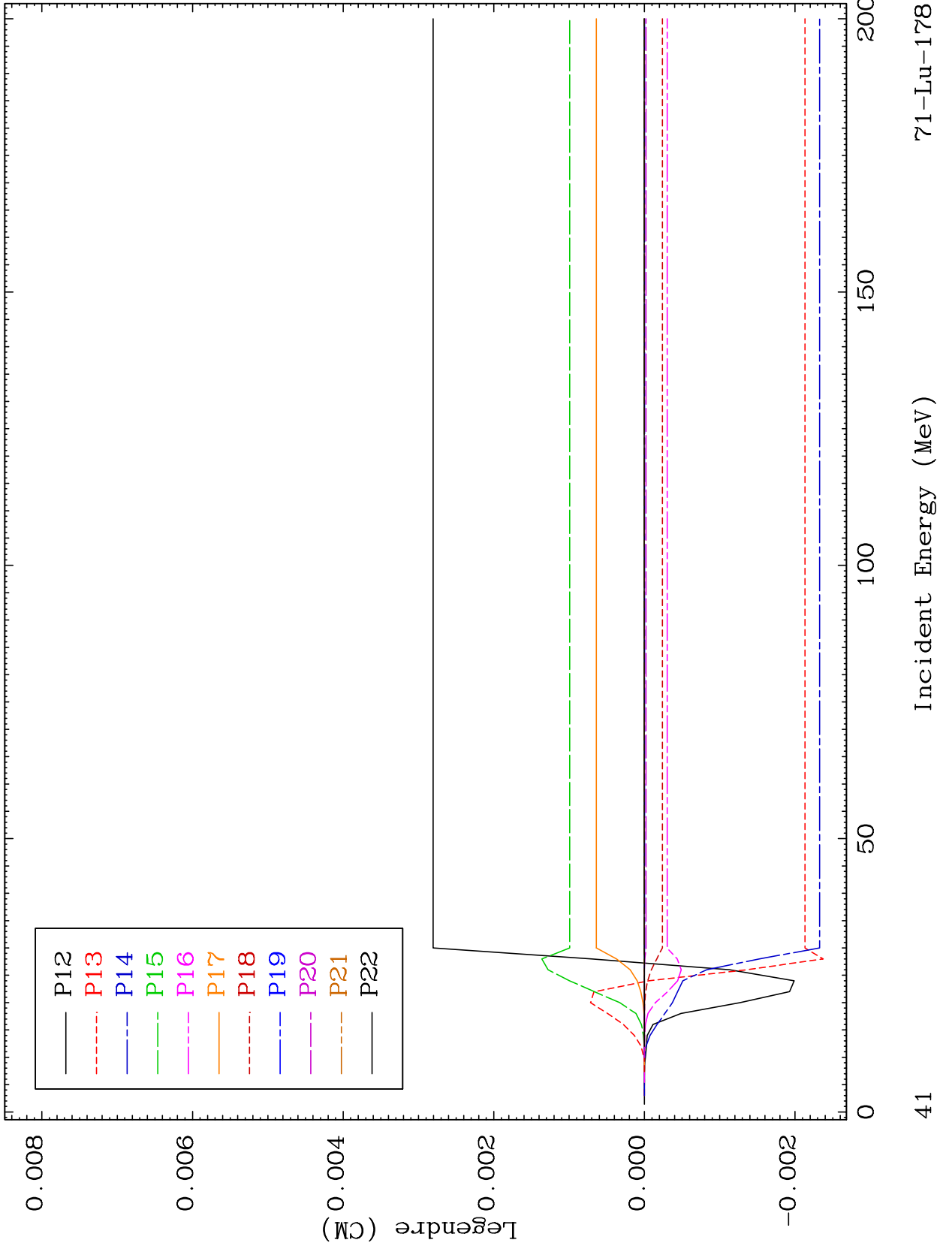


71-Lu-178

MAT 7134

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

71-Lu-178



41

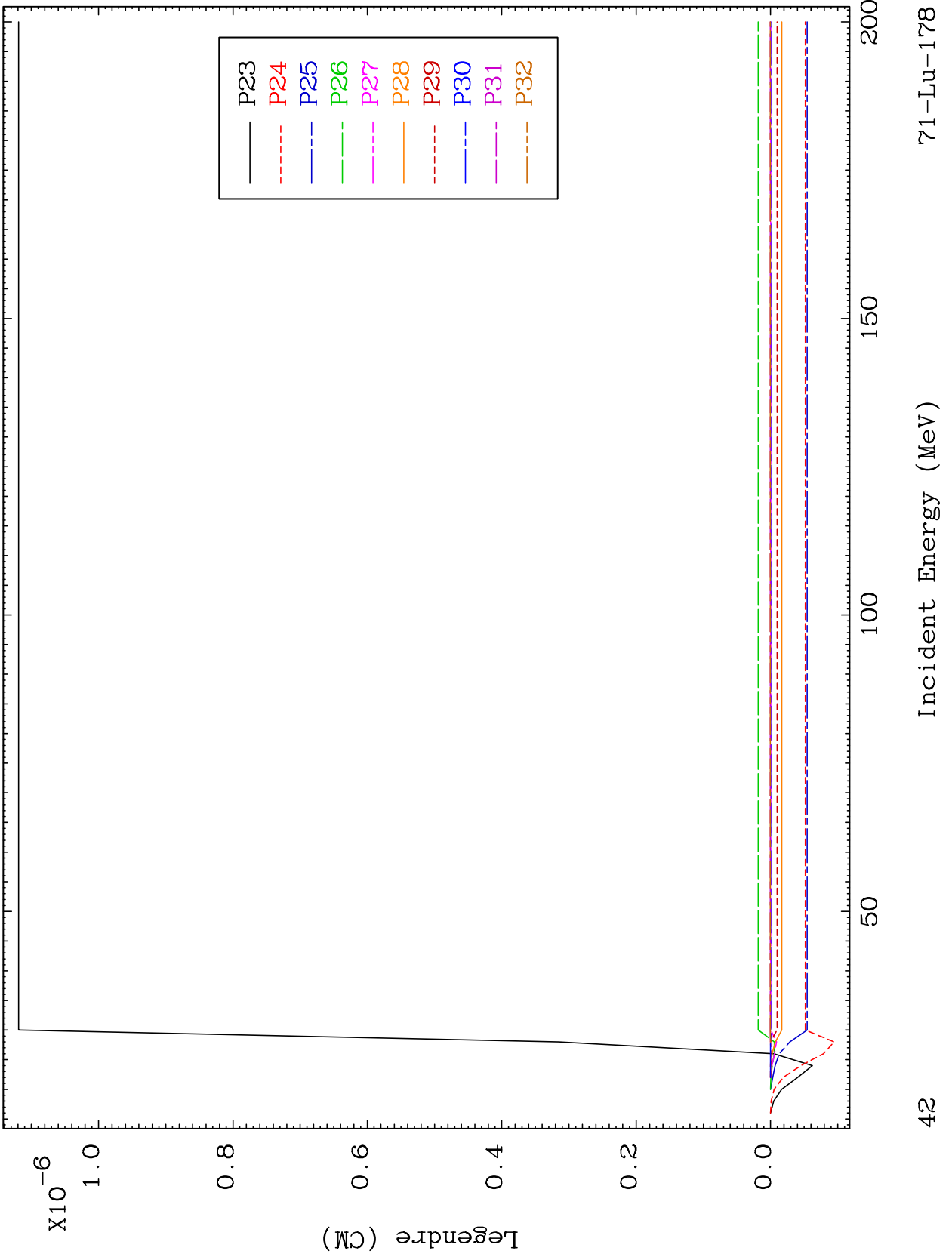
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178



42

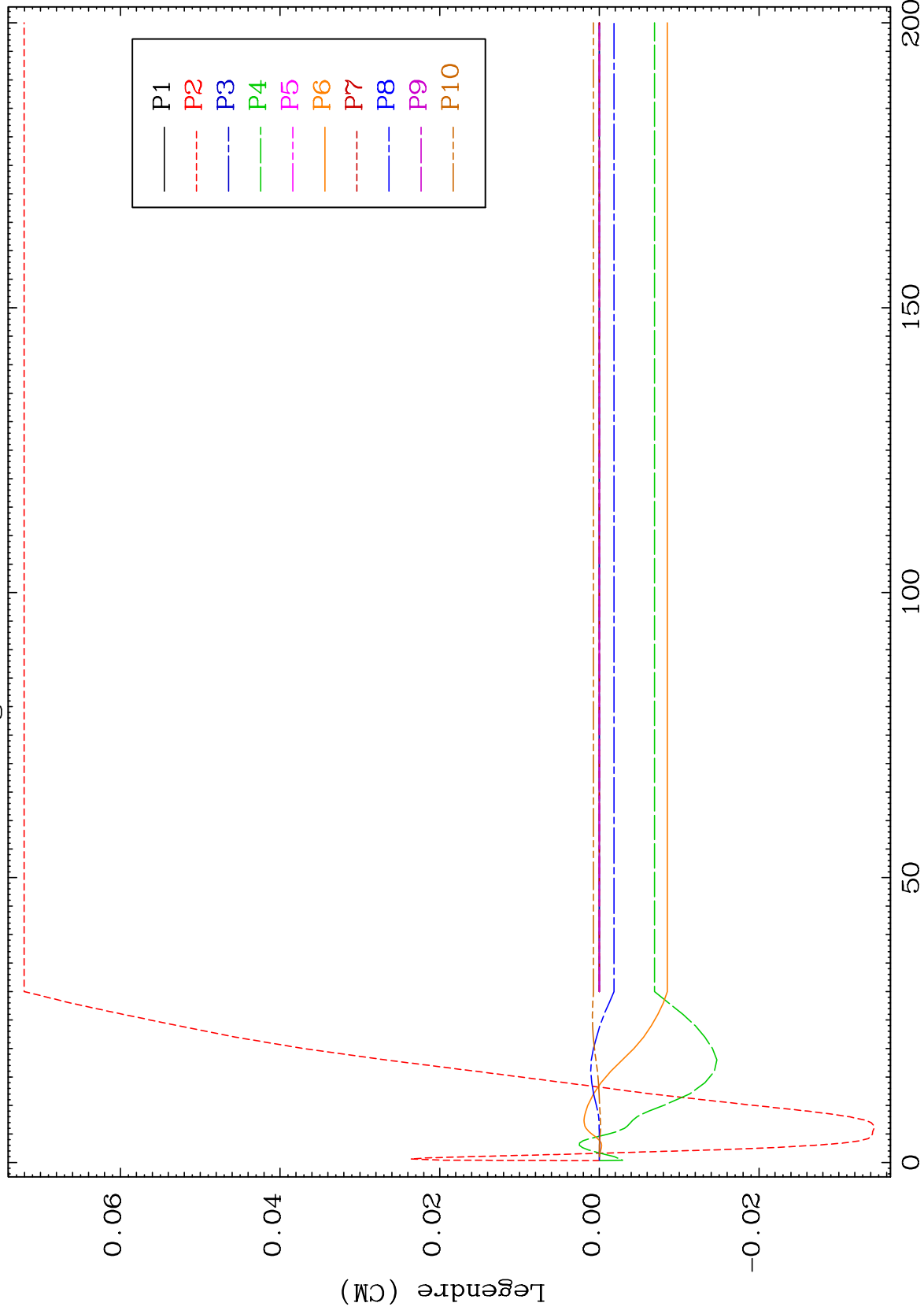
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178



43

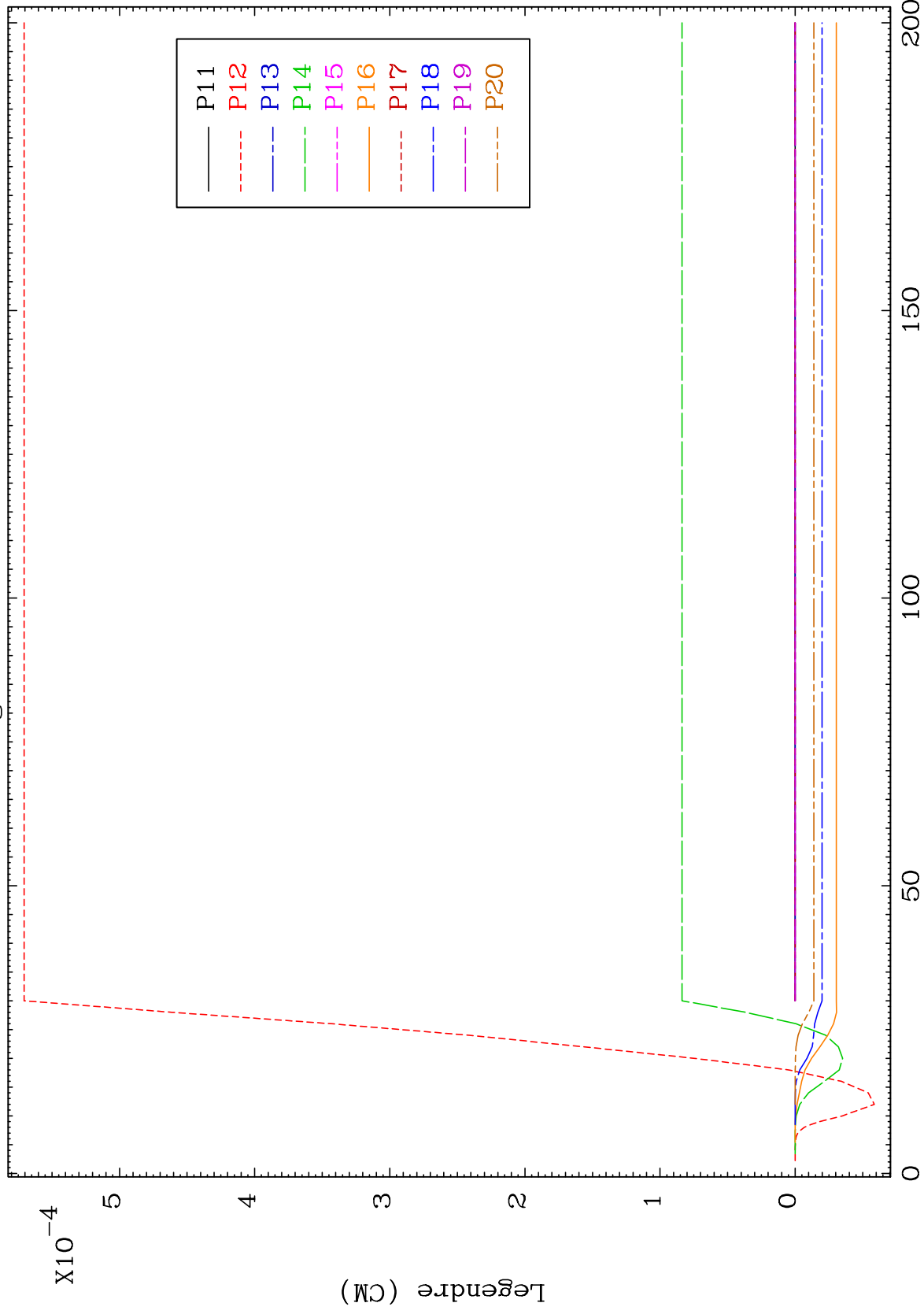
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178



44

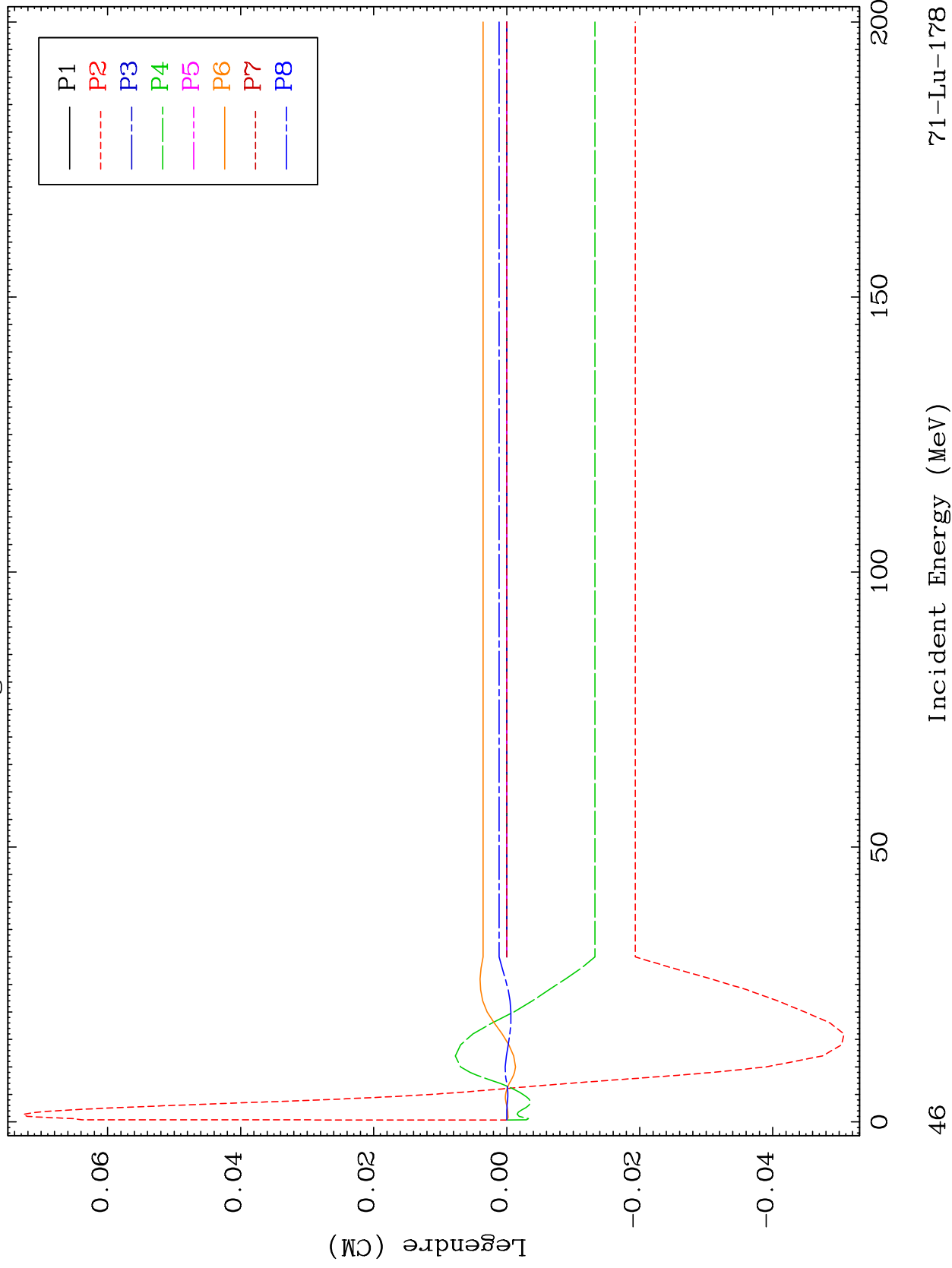
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178



71-Lu-178

Incident Energy (MeV)

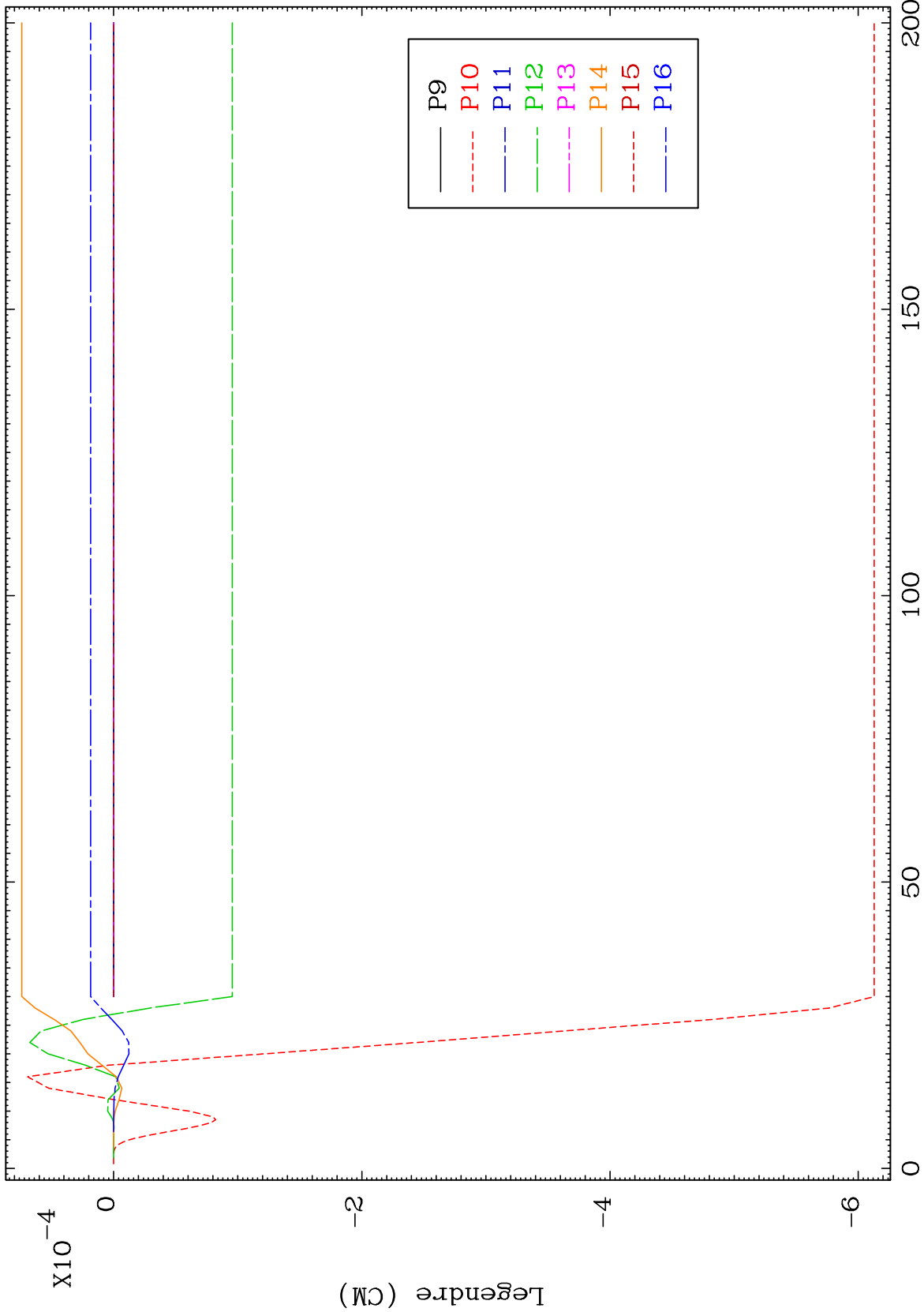
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MAT 7134

MT= 58 (n,n') Level

71-Lu-178

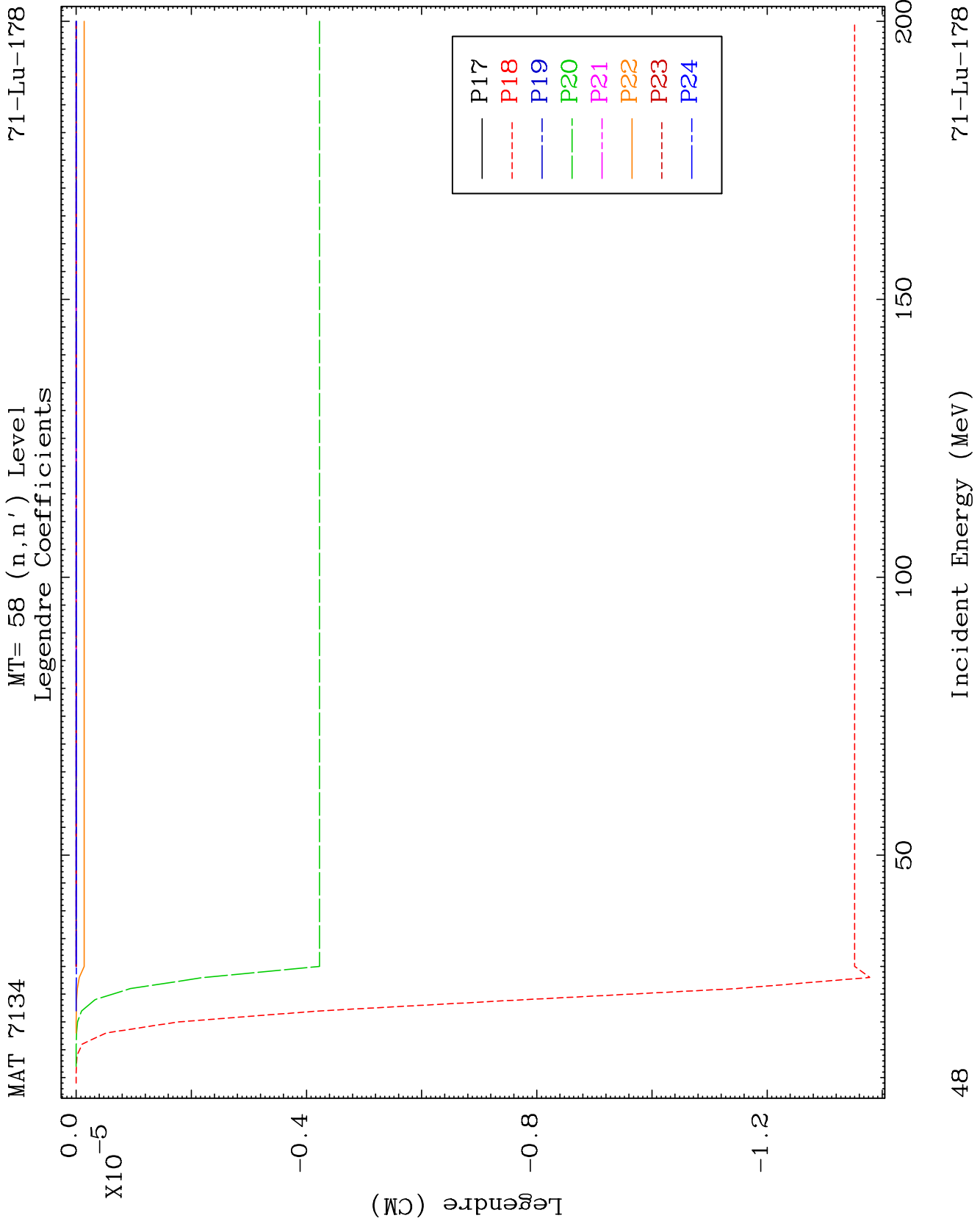
Legendre Coefficients



47

Incident Energy (MeV)

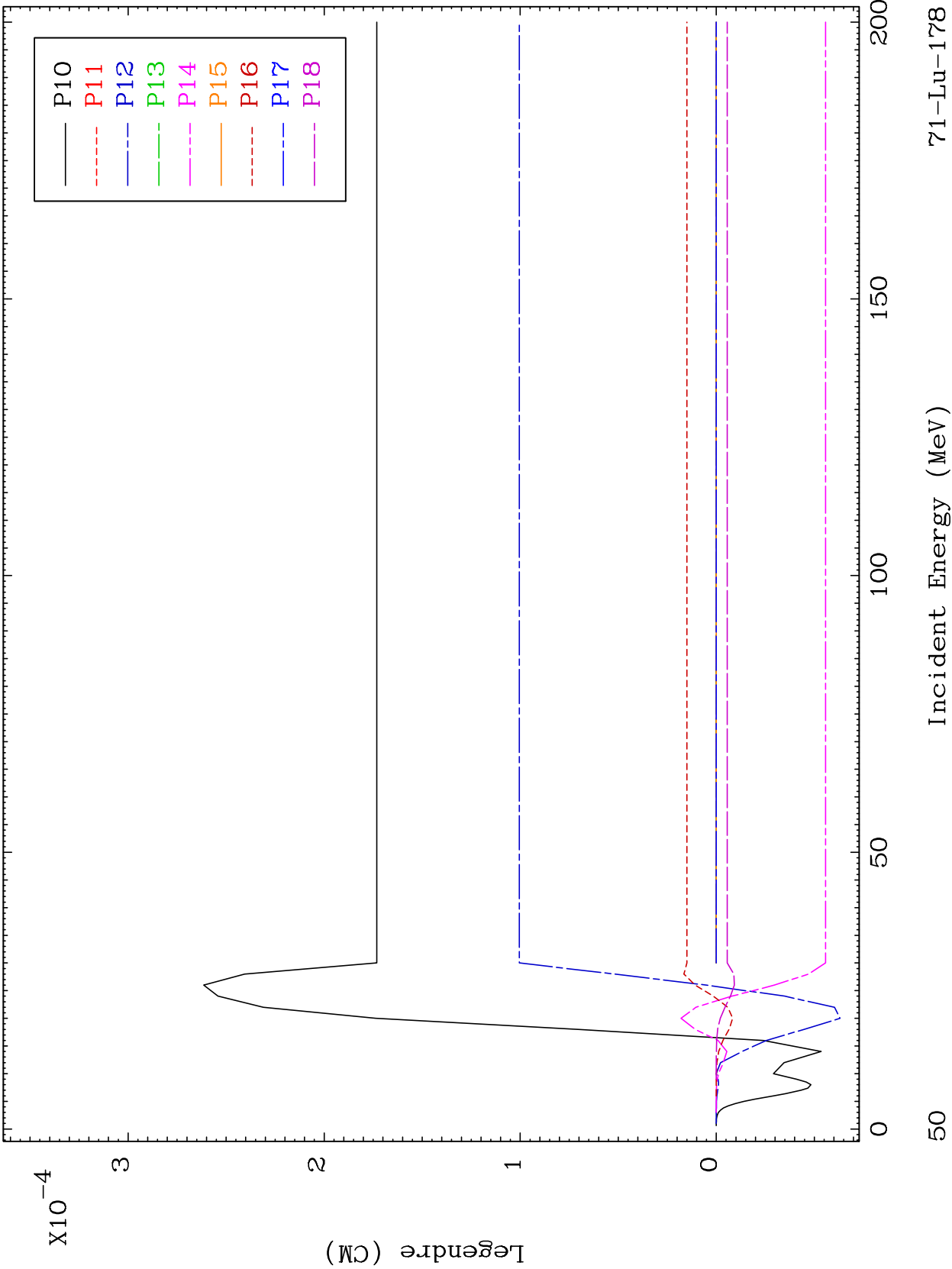
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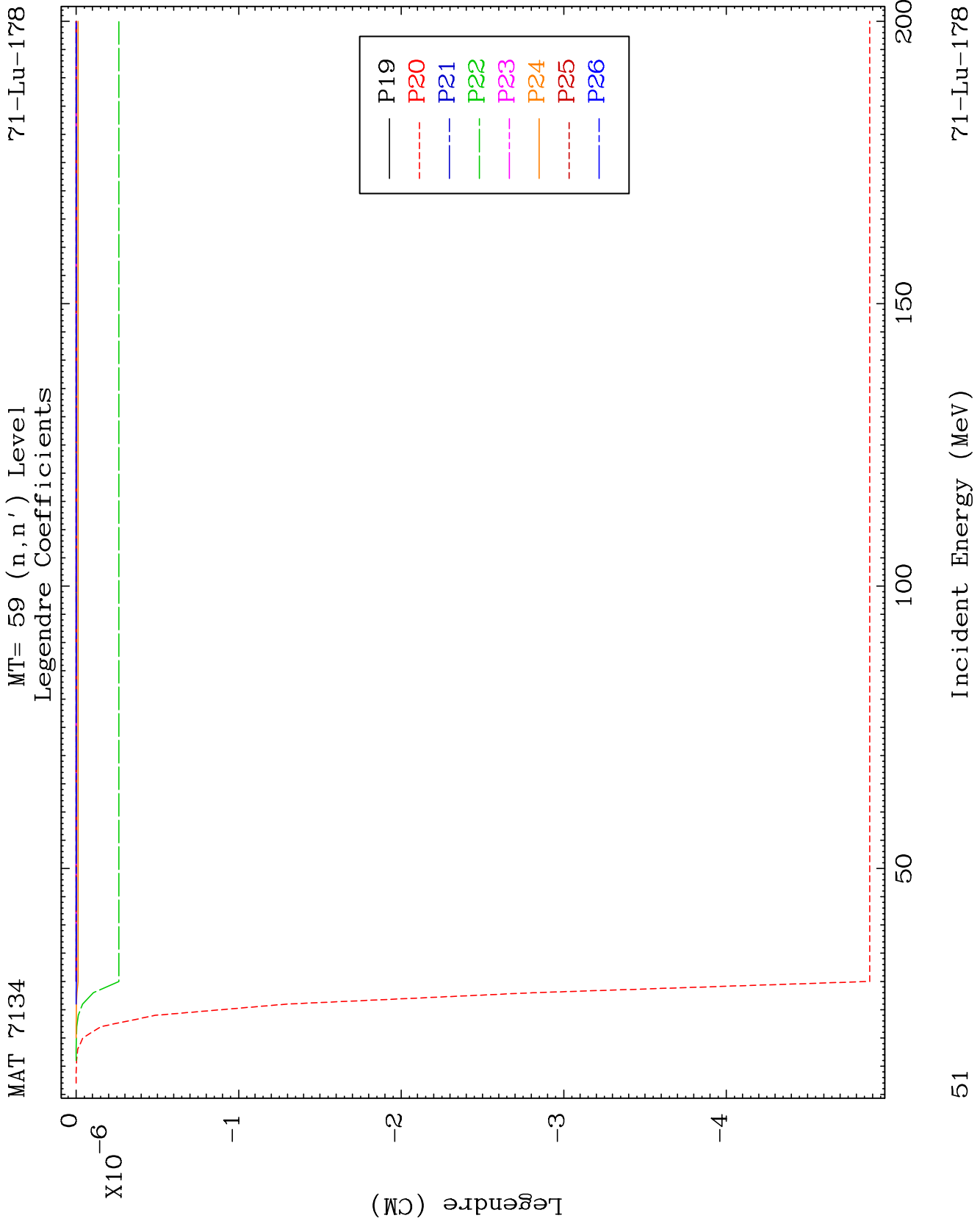


MAT 7134

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

71-Lu-178

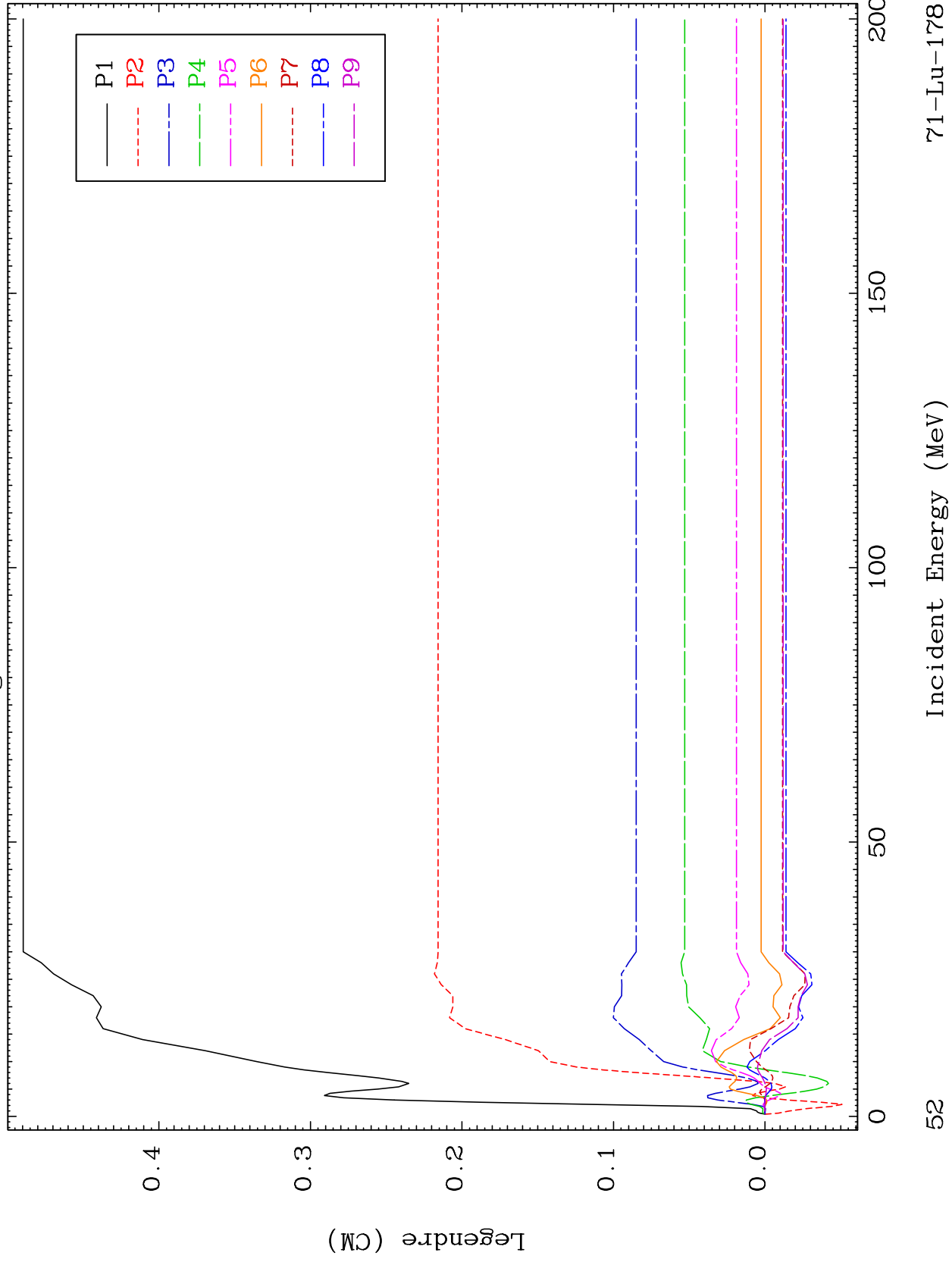




MAT 7134

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

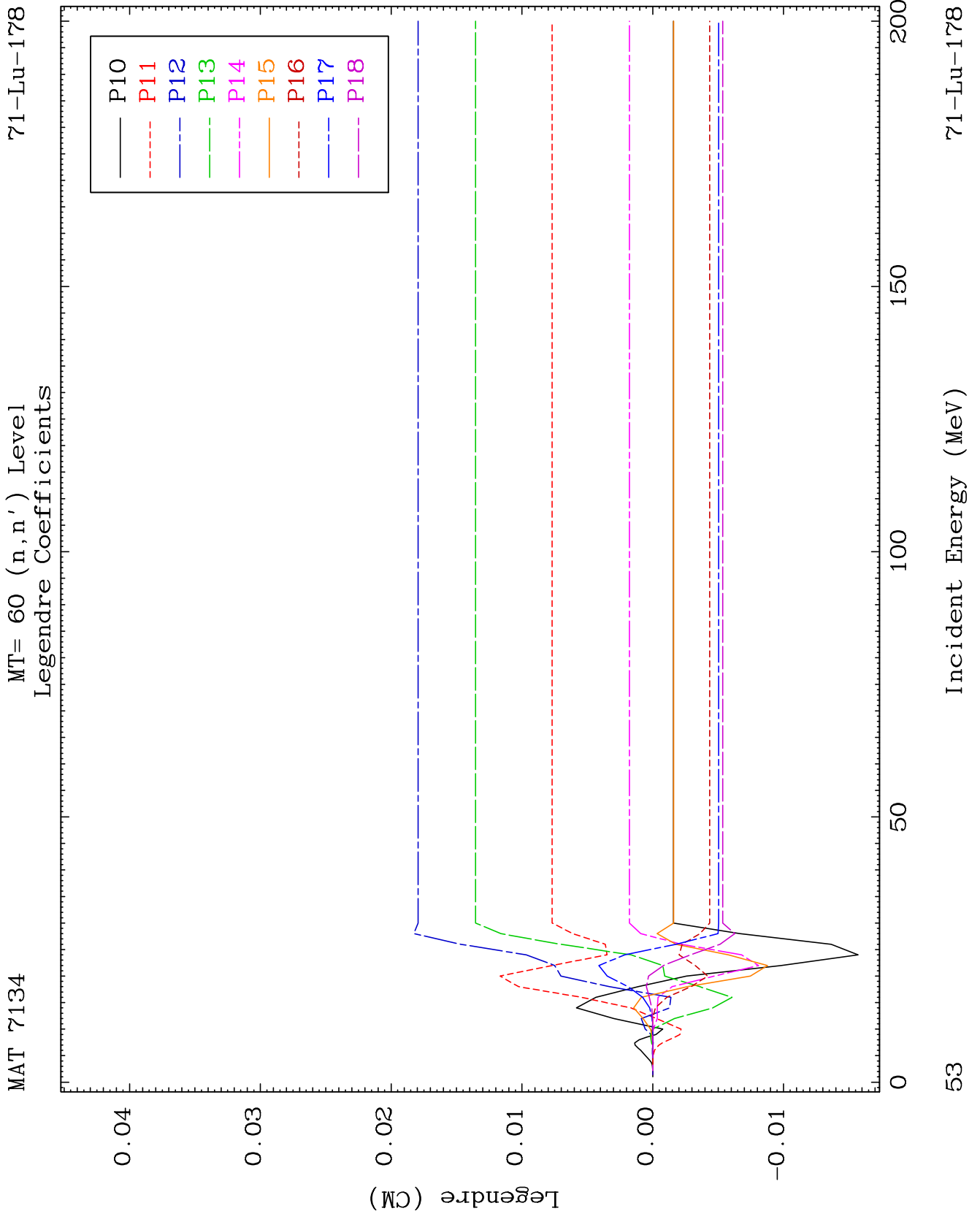
71-Lu-178



71-Lu-178

Incident Energy (MeV)

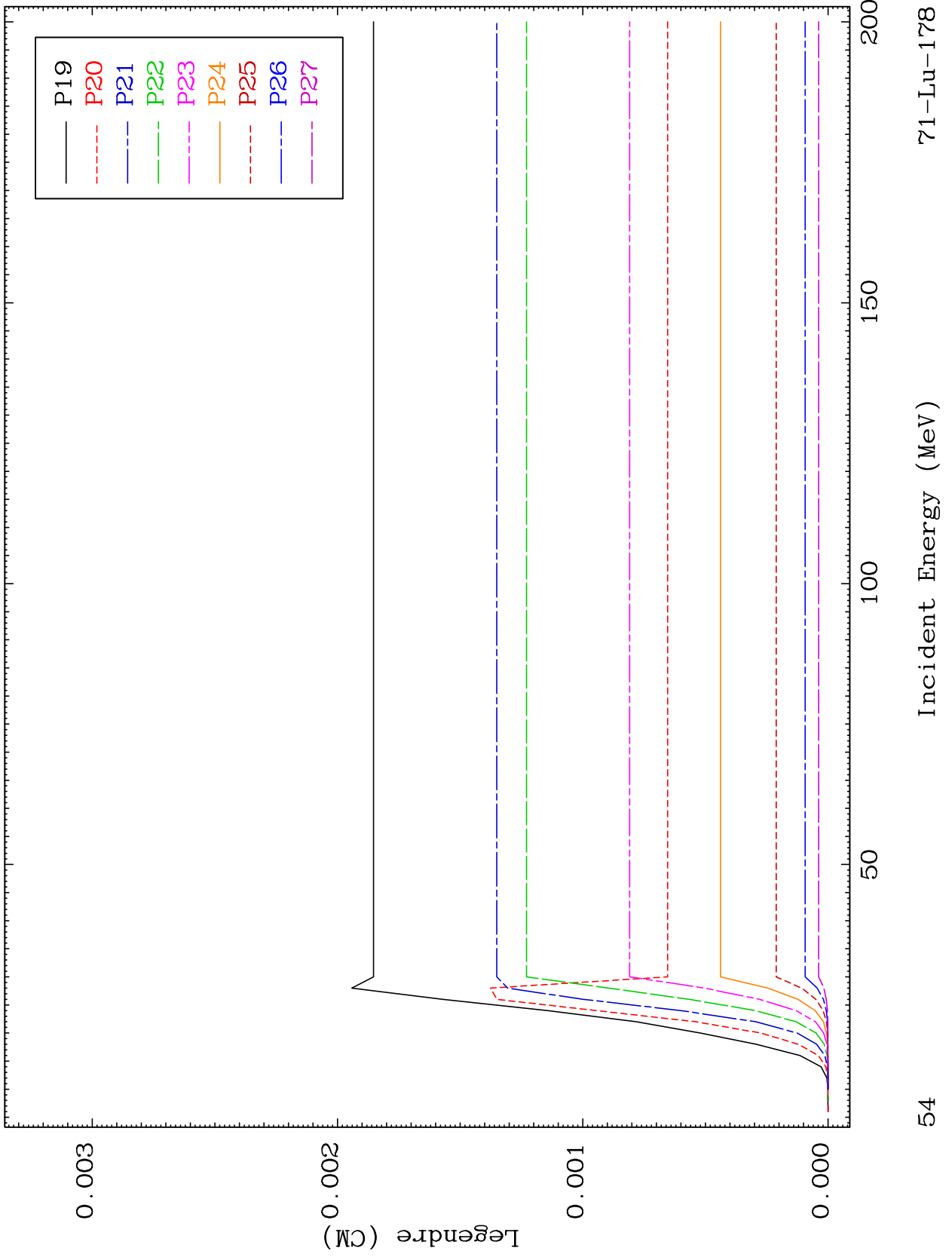
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MAT 7134

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

71-Lu-178



54

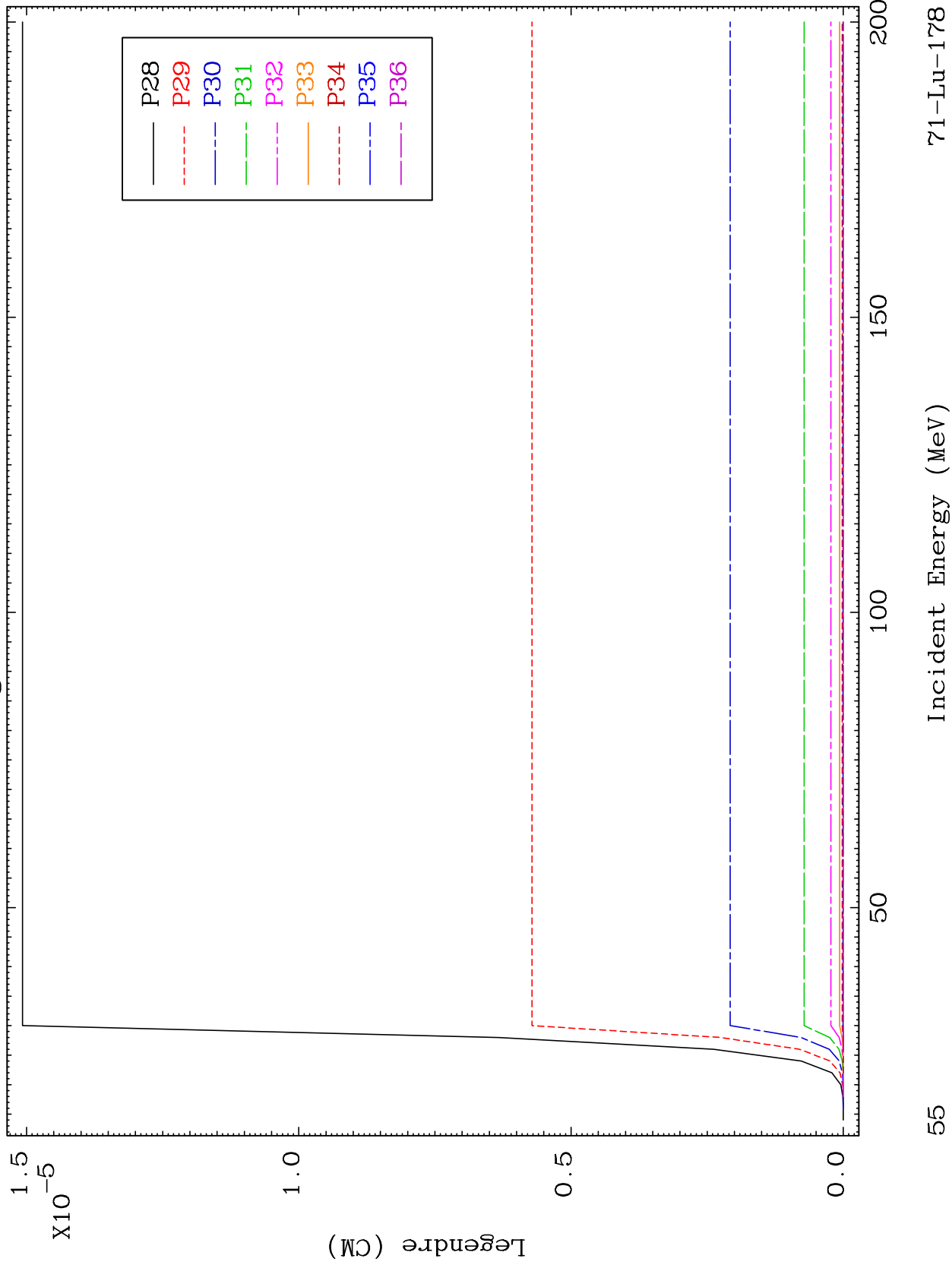
Incident Energy (MeV)

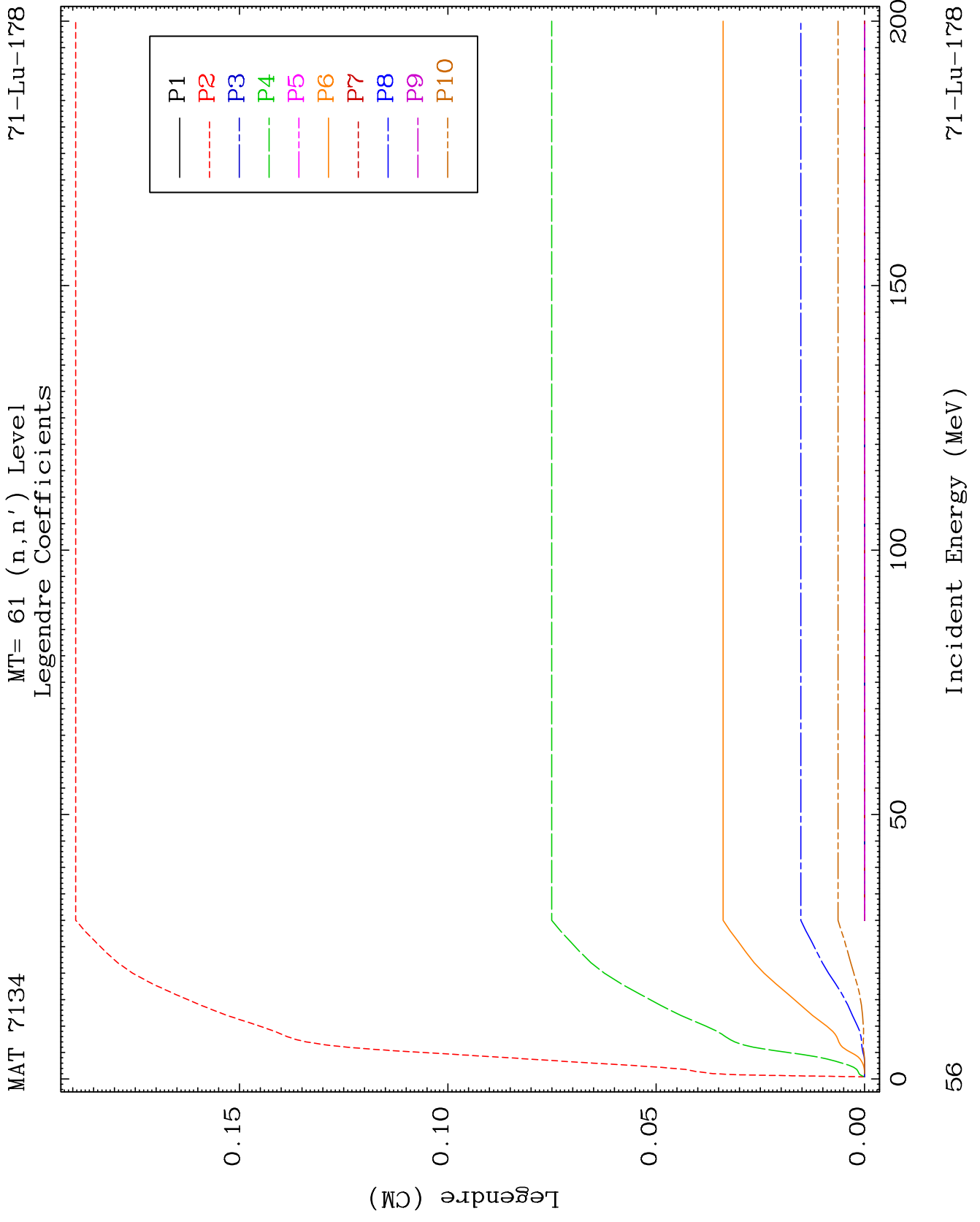
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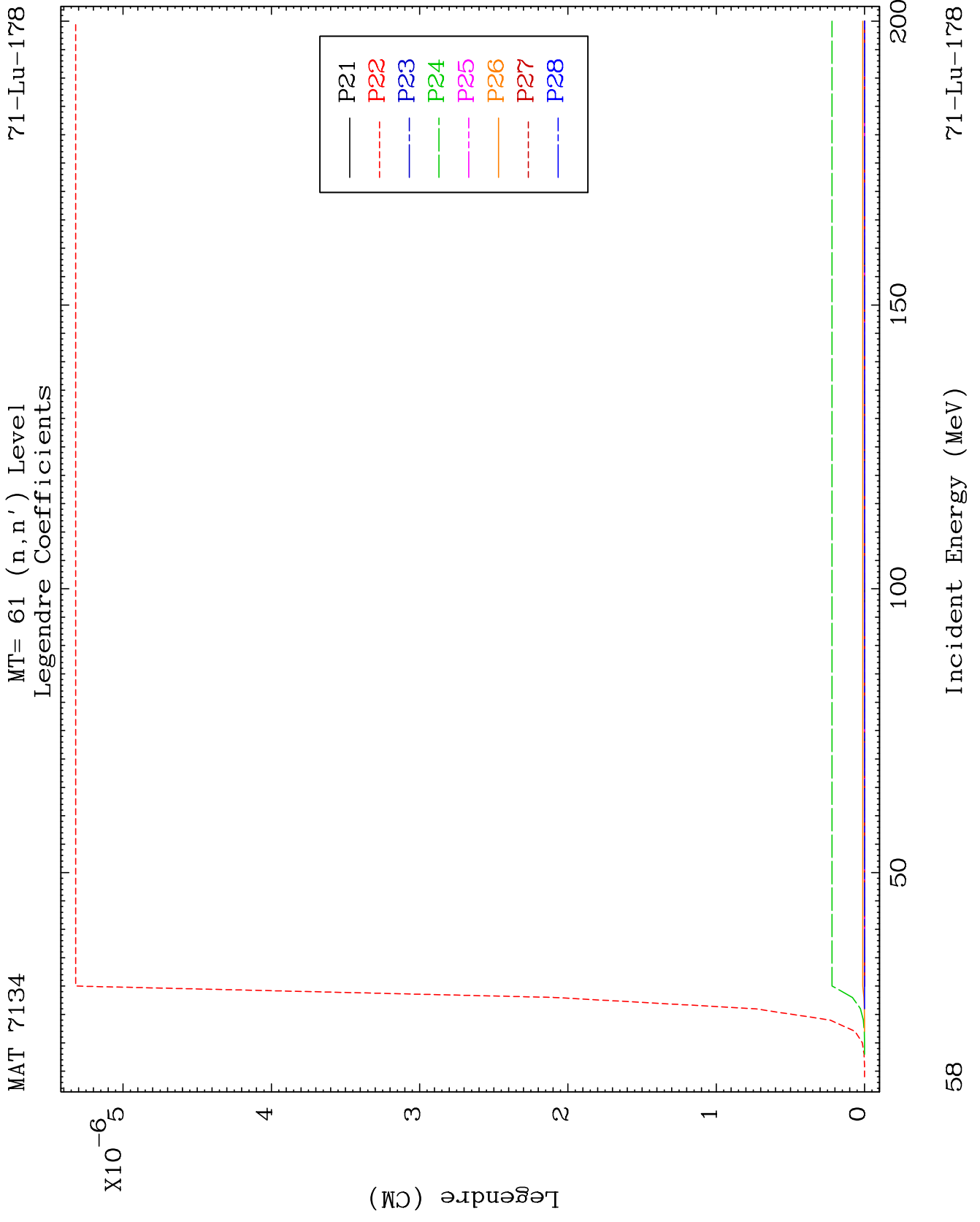
MAT 7134

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

71-Lu-178



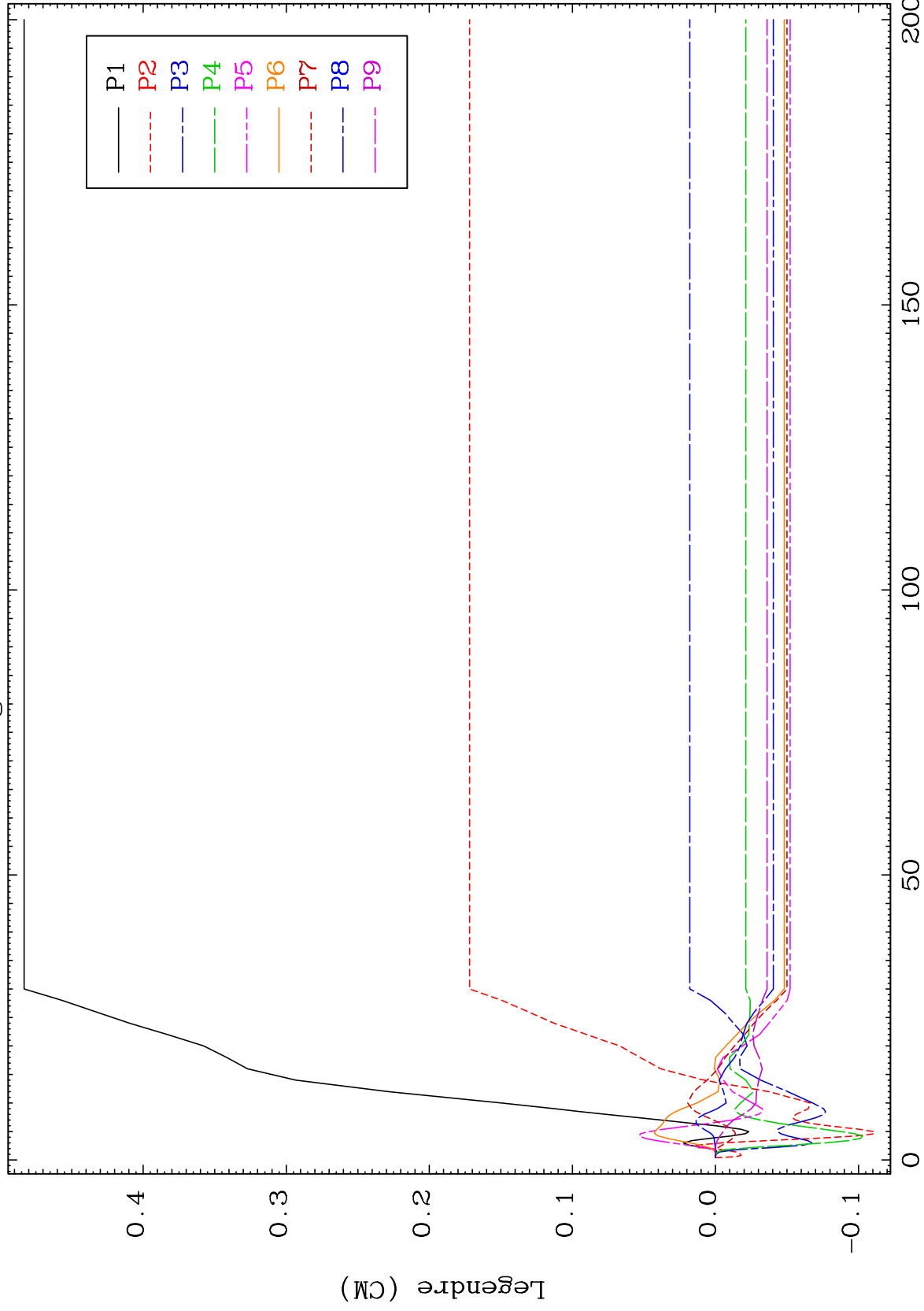




MAT 7134

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

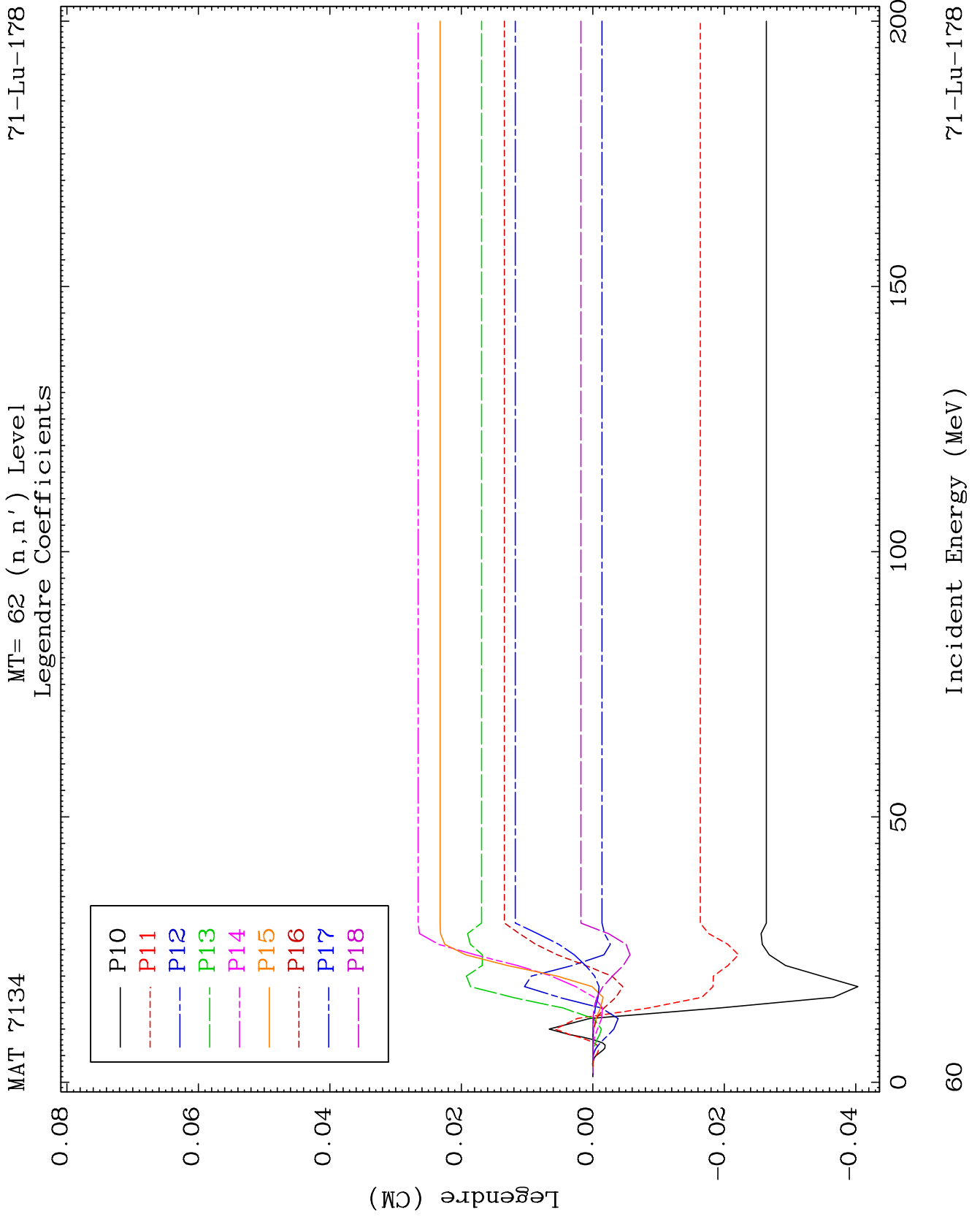
71-Lu-178



59

Incident Energy (MeV)

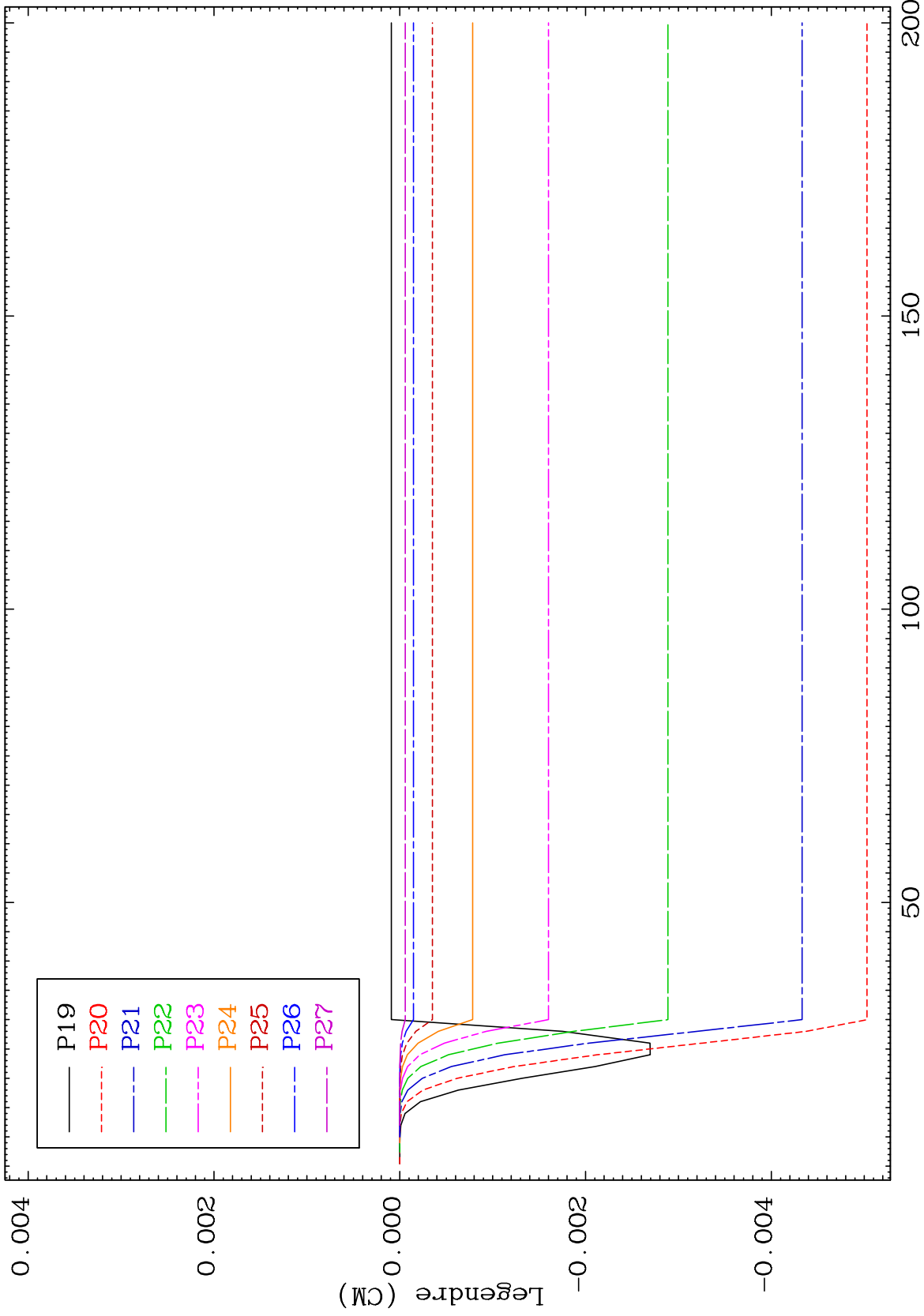
71-Lu-178



MAT 7134

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

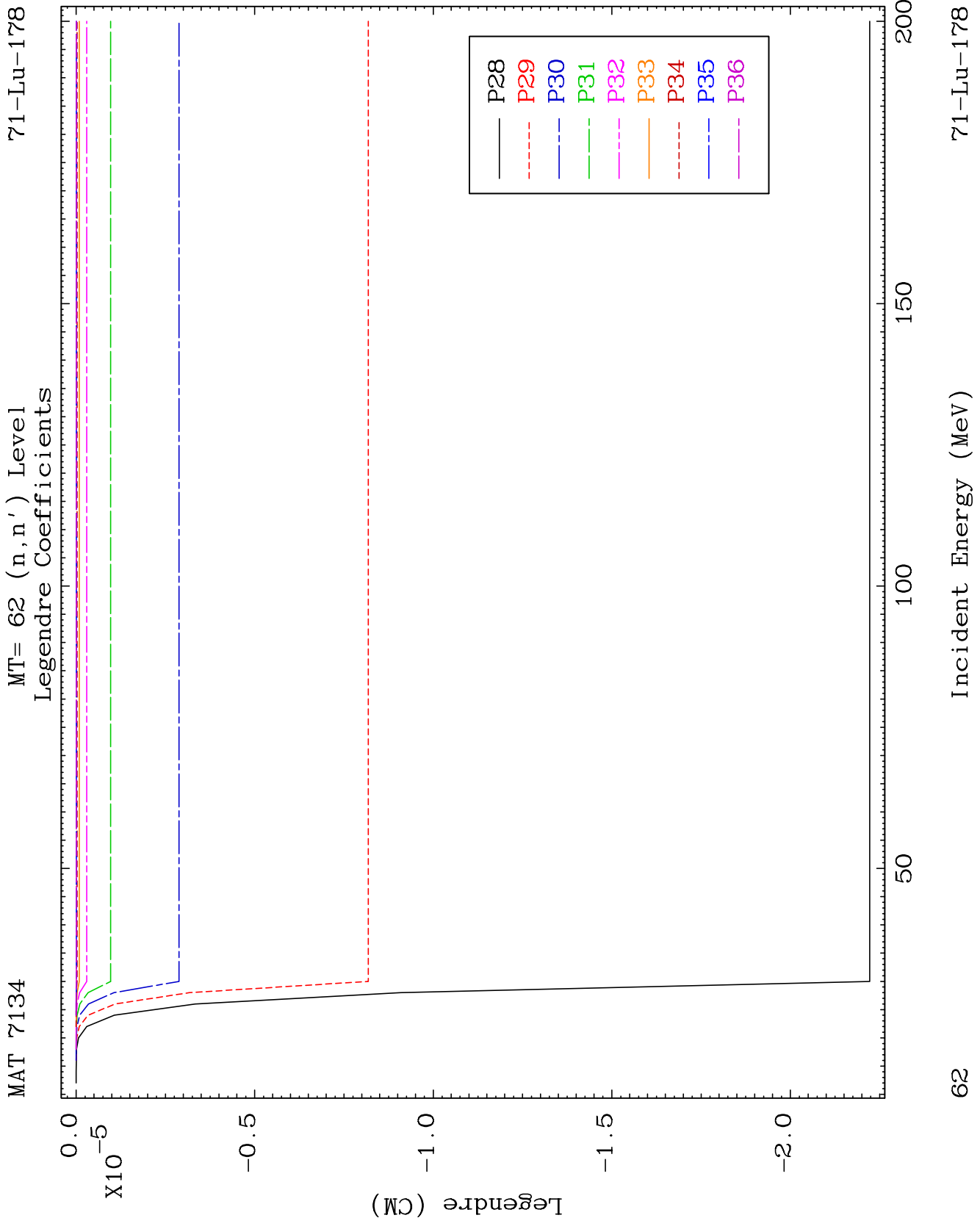
71-Lu-178

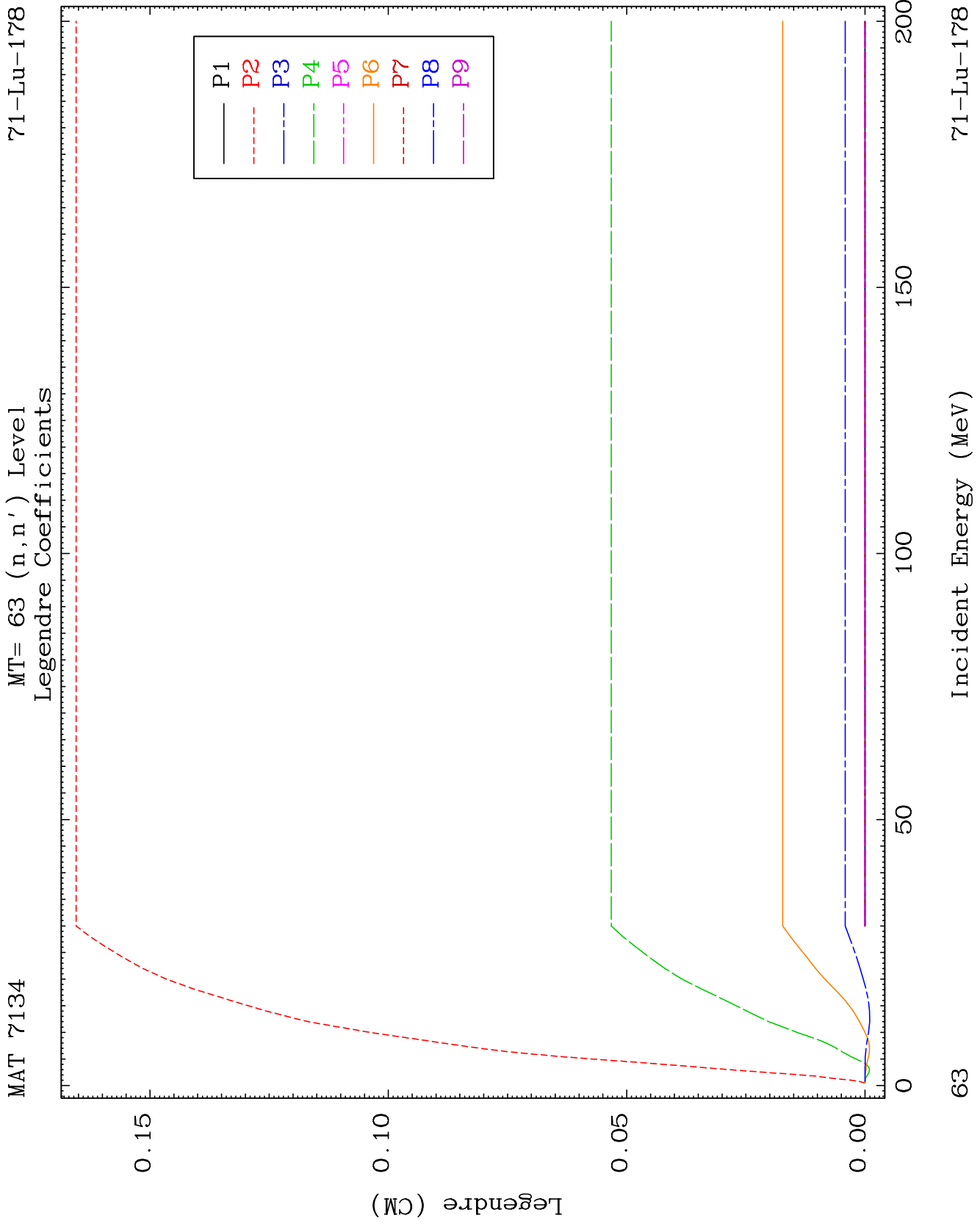


61

Incident Energy (MeV)

71-Lu-178

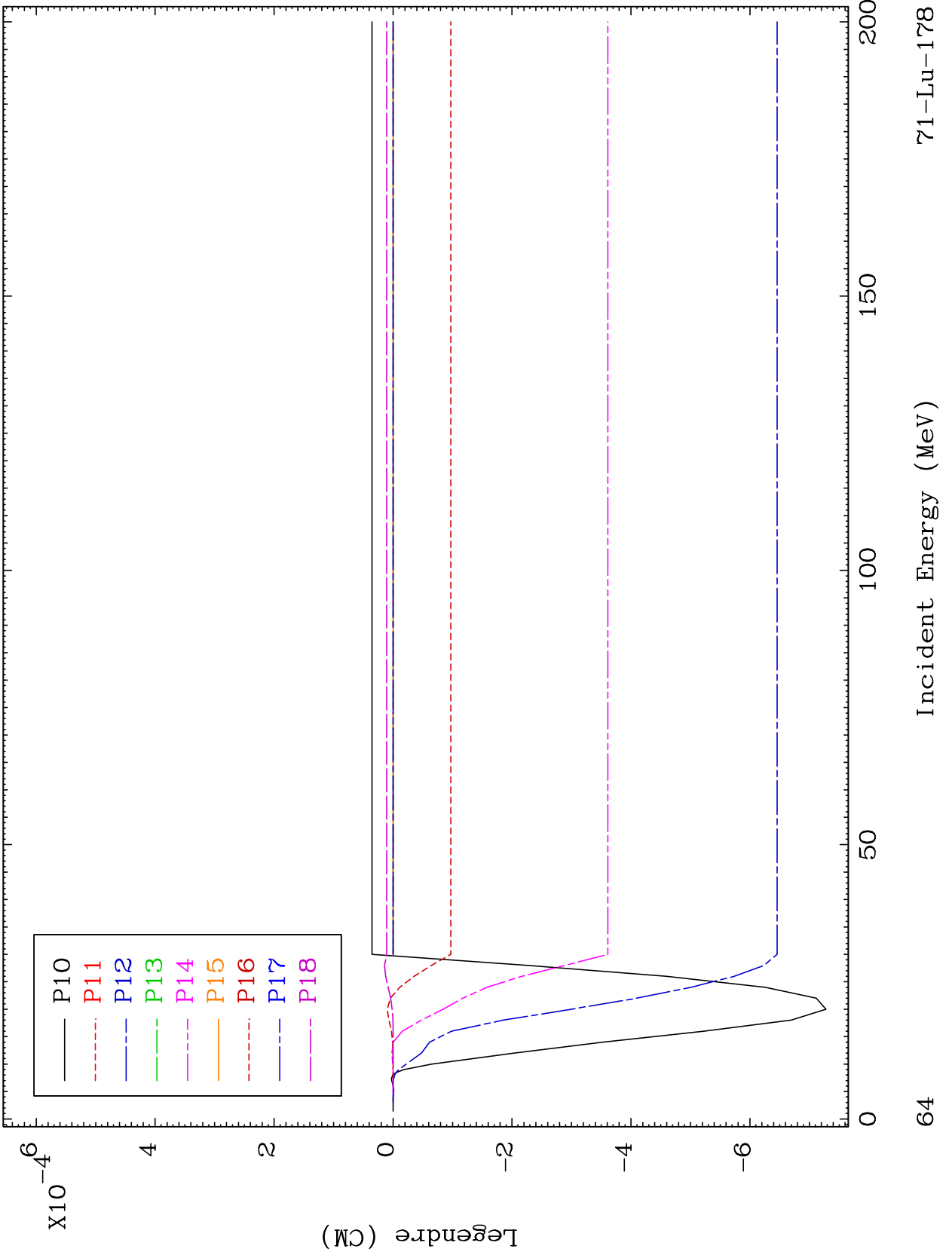




MAT 7134

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

71-Lu-178



64

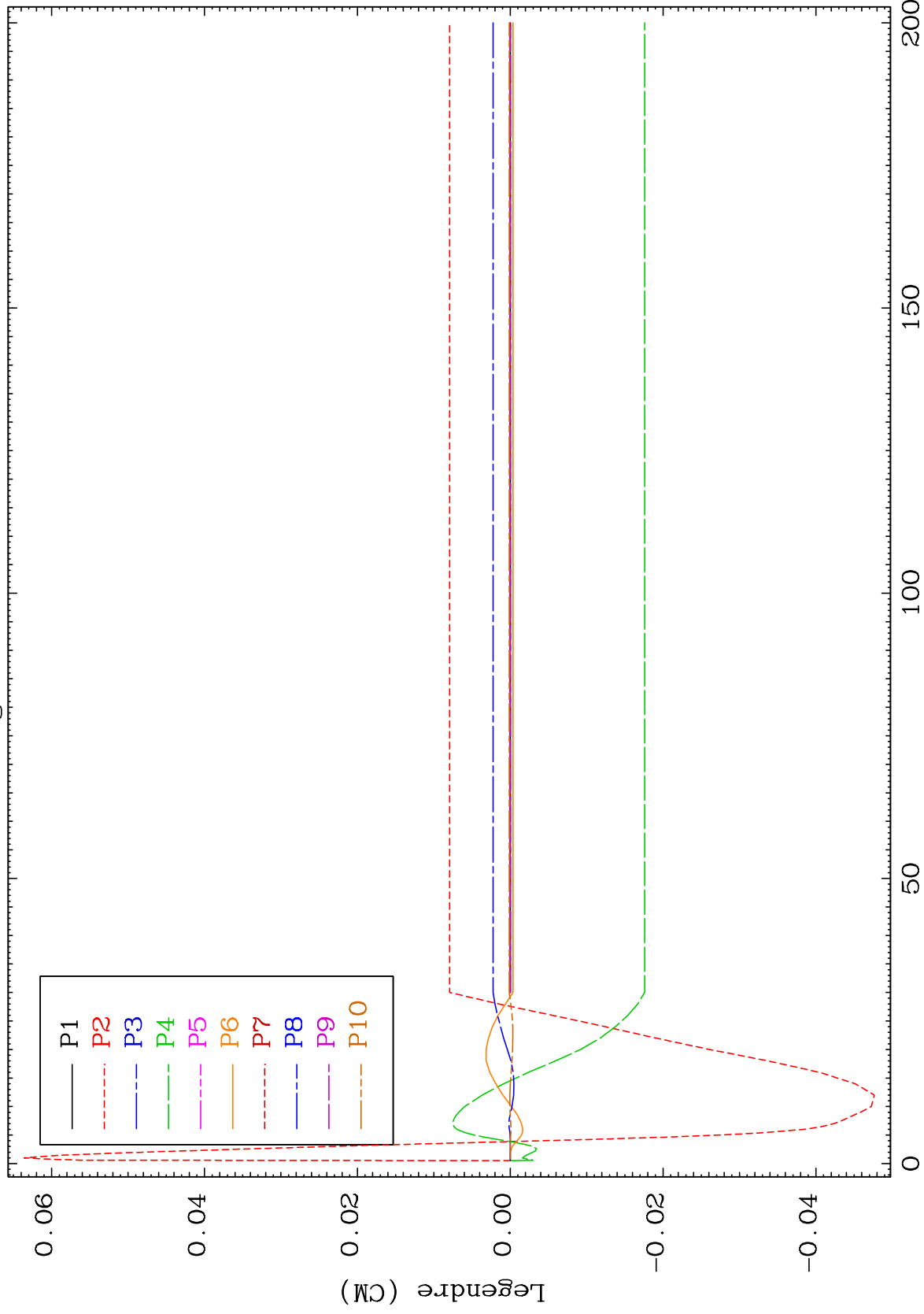
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178



66

Incident Energy (MeV)

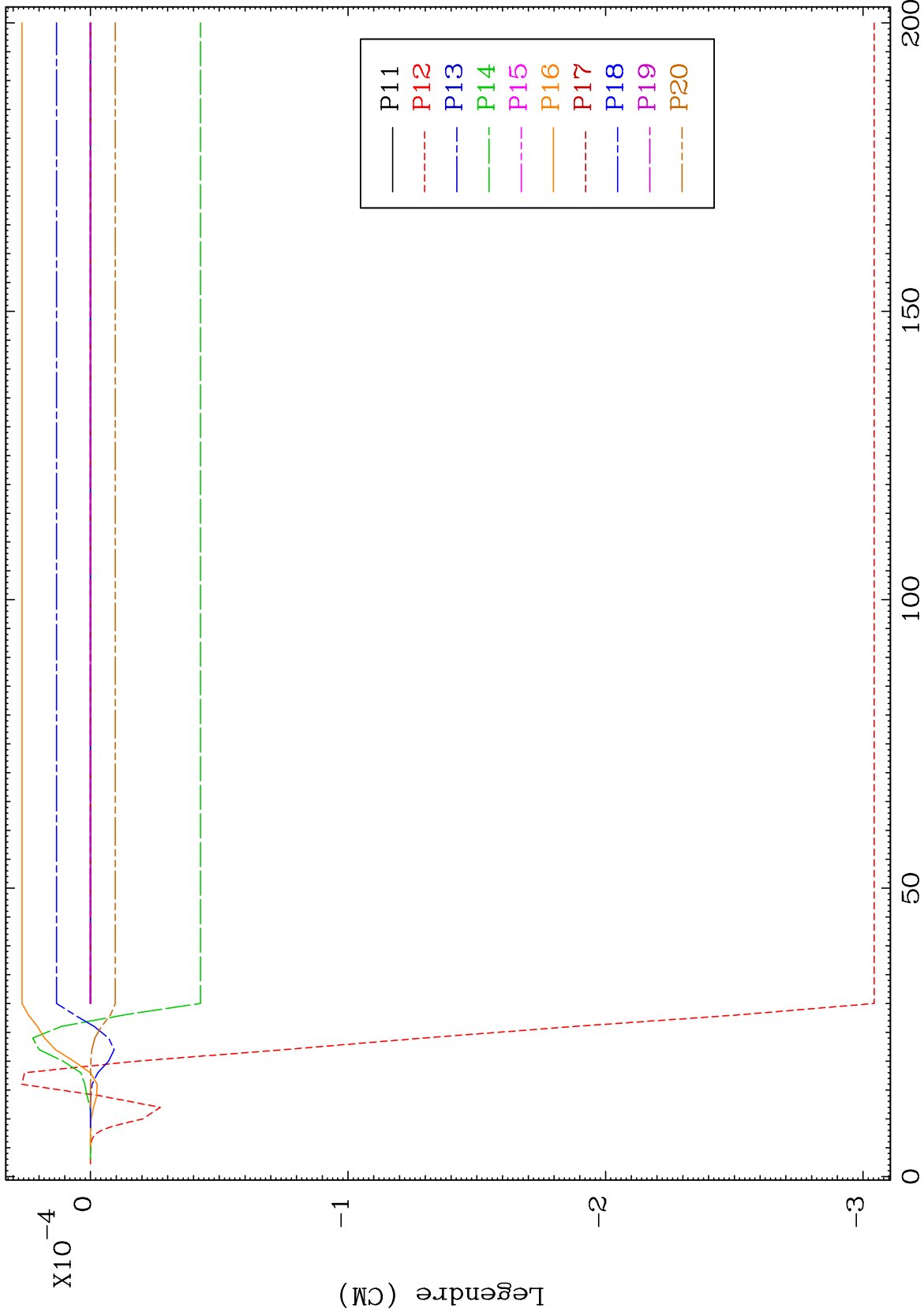
71-Lu-178

MAT 7134

MT= 64 (n,n') Level

71-Lu-178

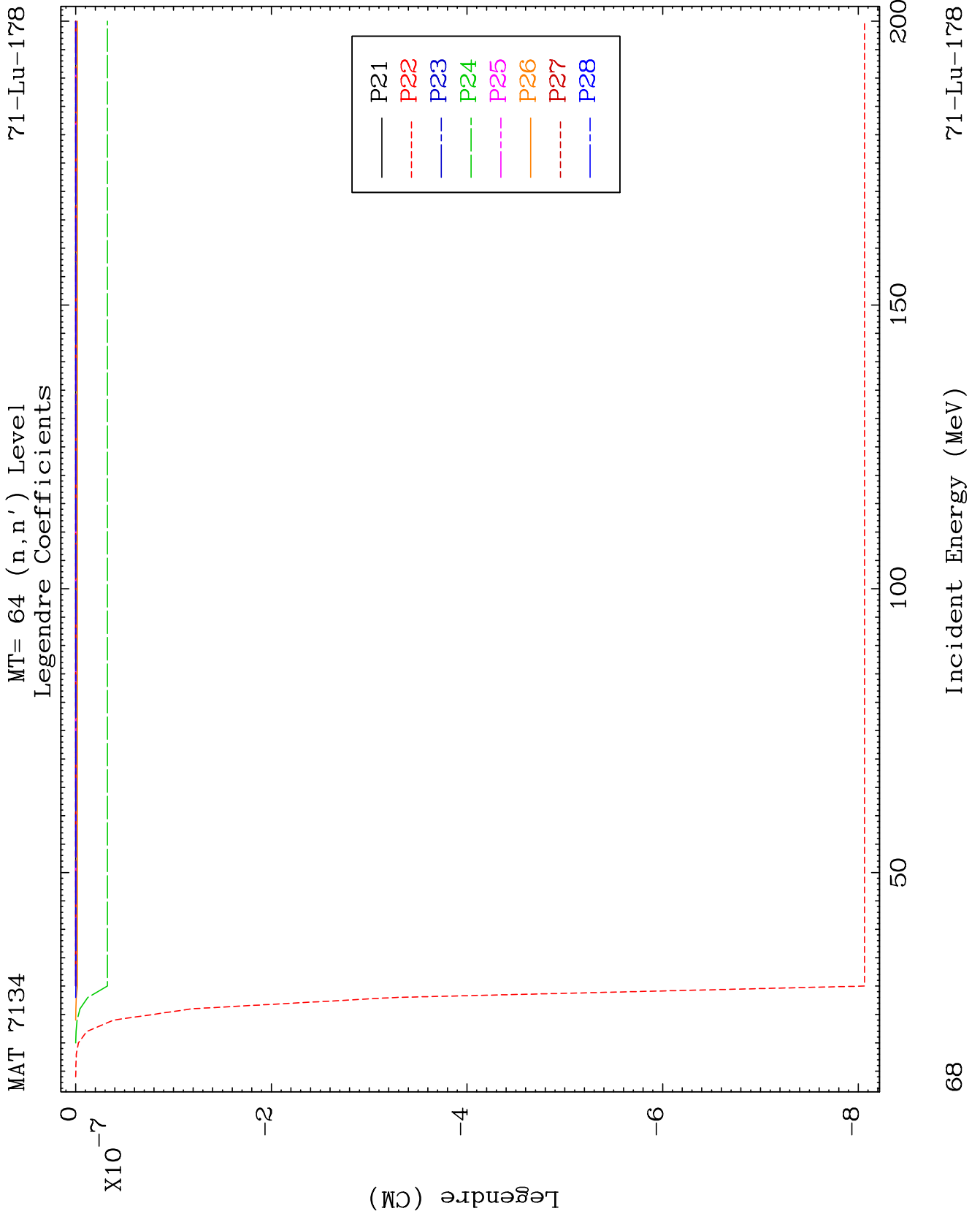
Legendre Coefficients



67

Incident Energy (MeV)

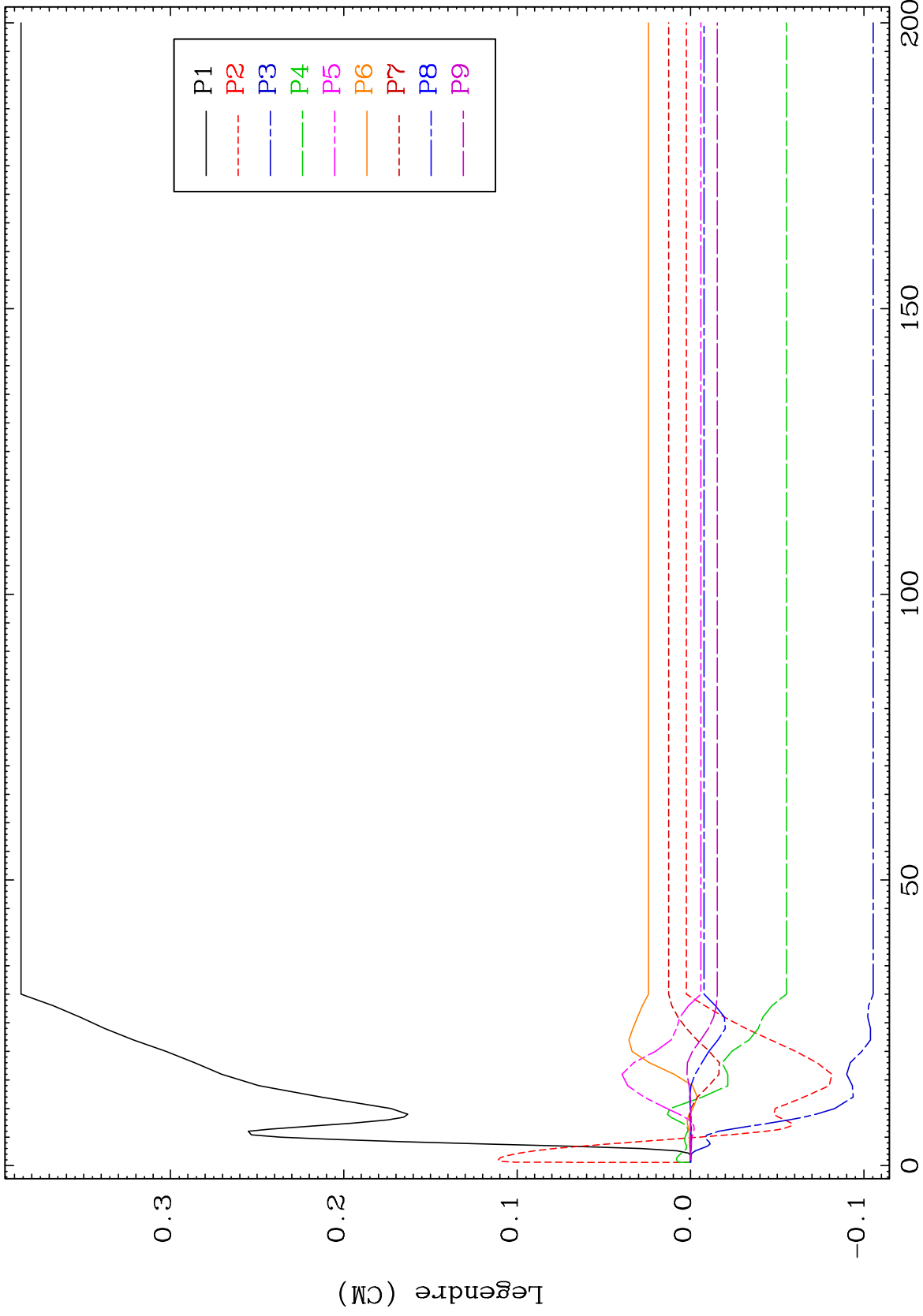
71-Lu-178



MAT 7134

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

71-Lu-178



69

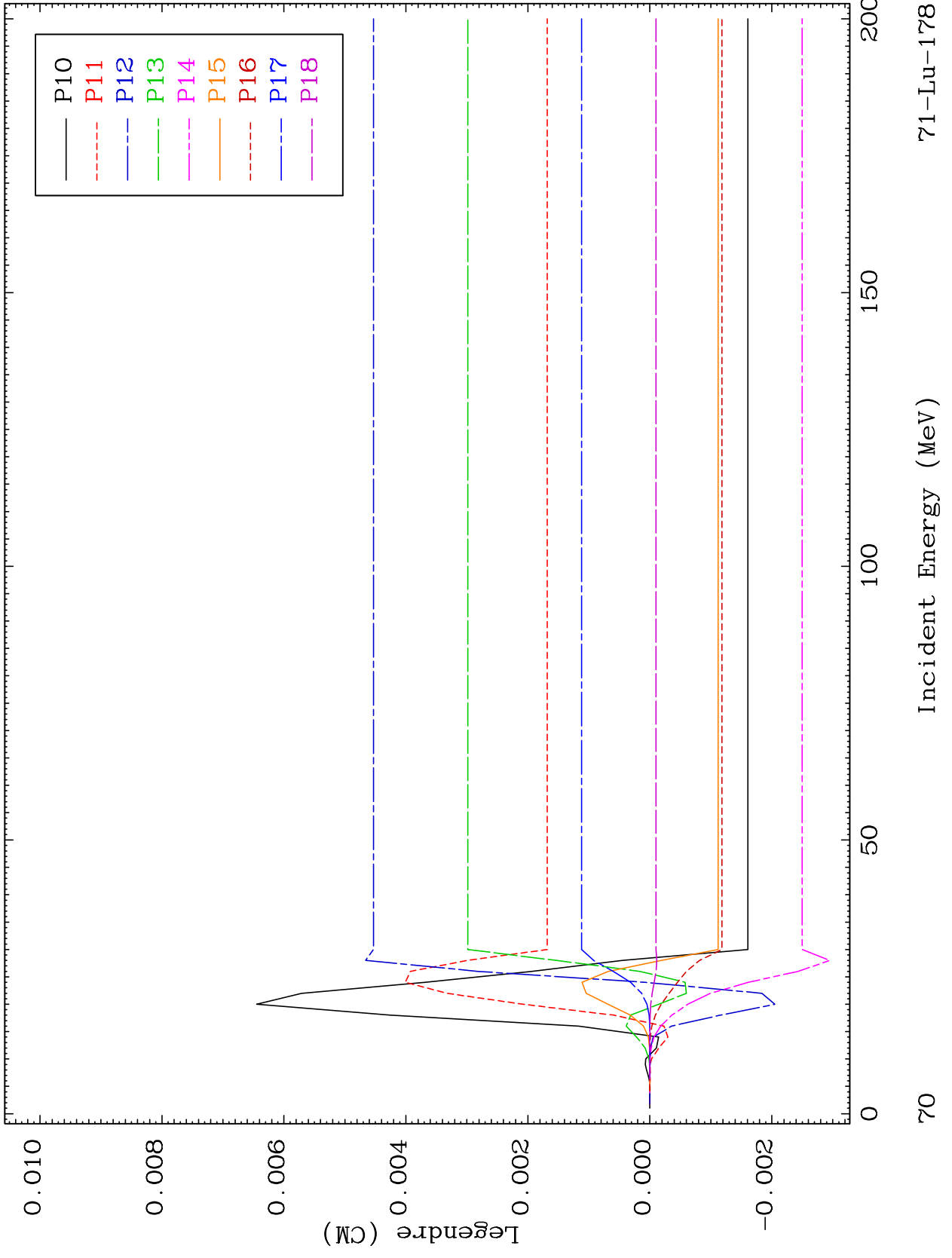
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178



71-Lu-178

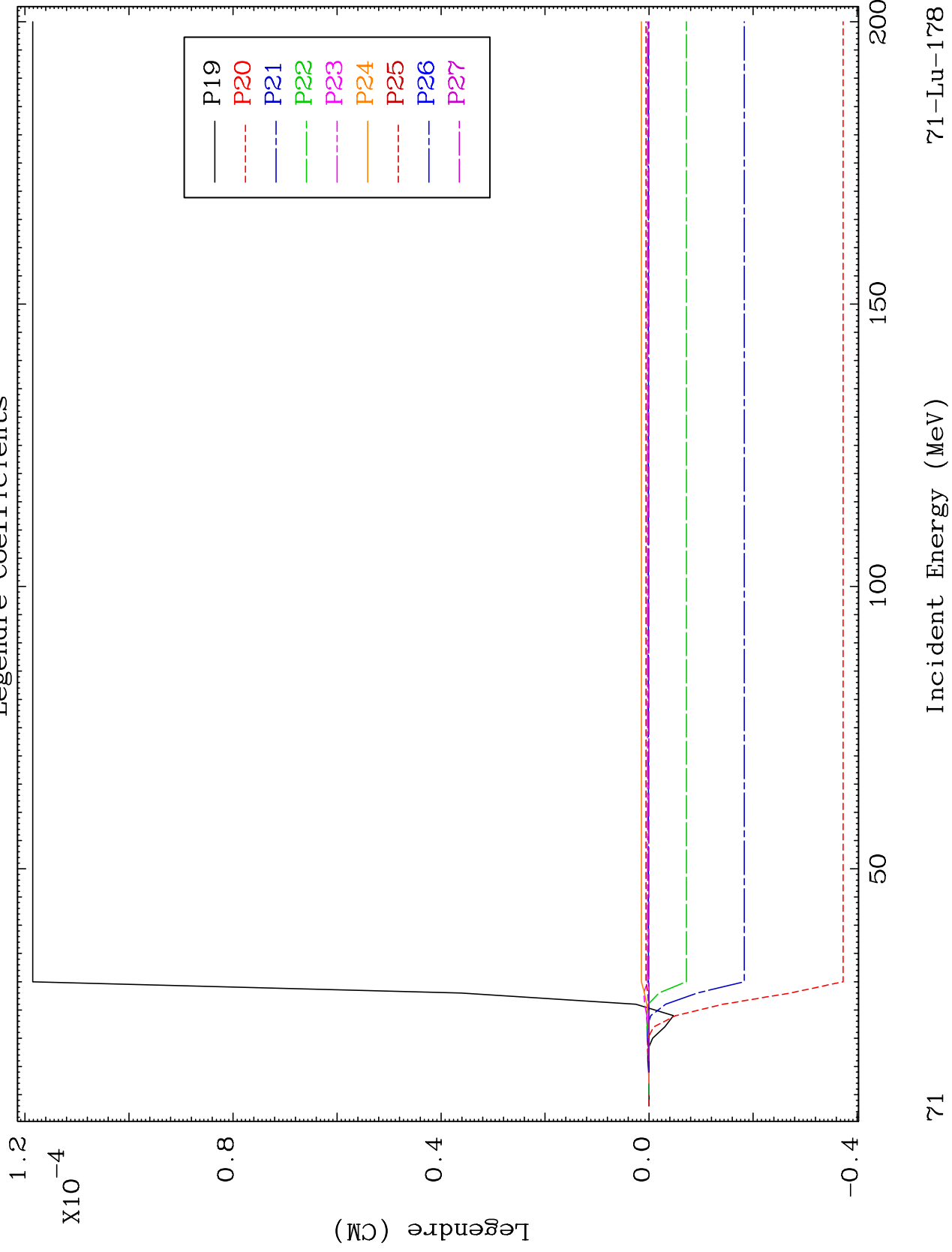
Incident Energy (MeV)

70

MAT 7134

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

71-Lu-178



71

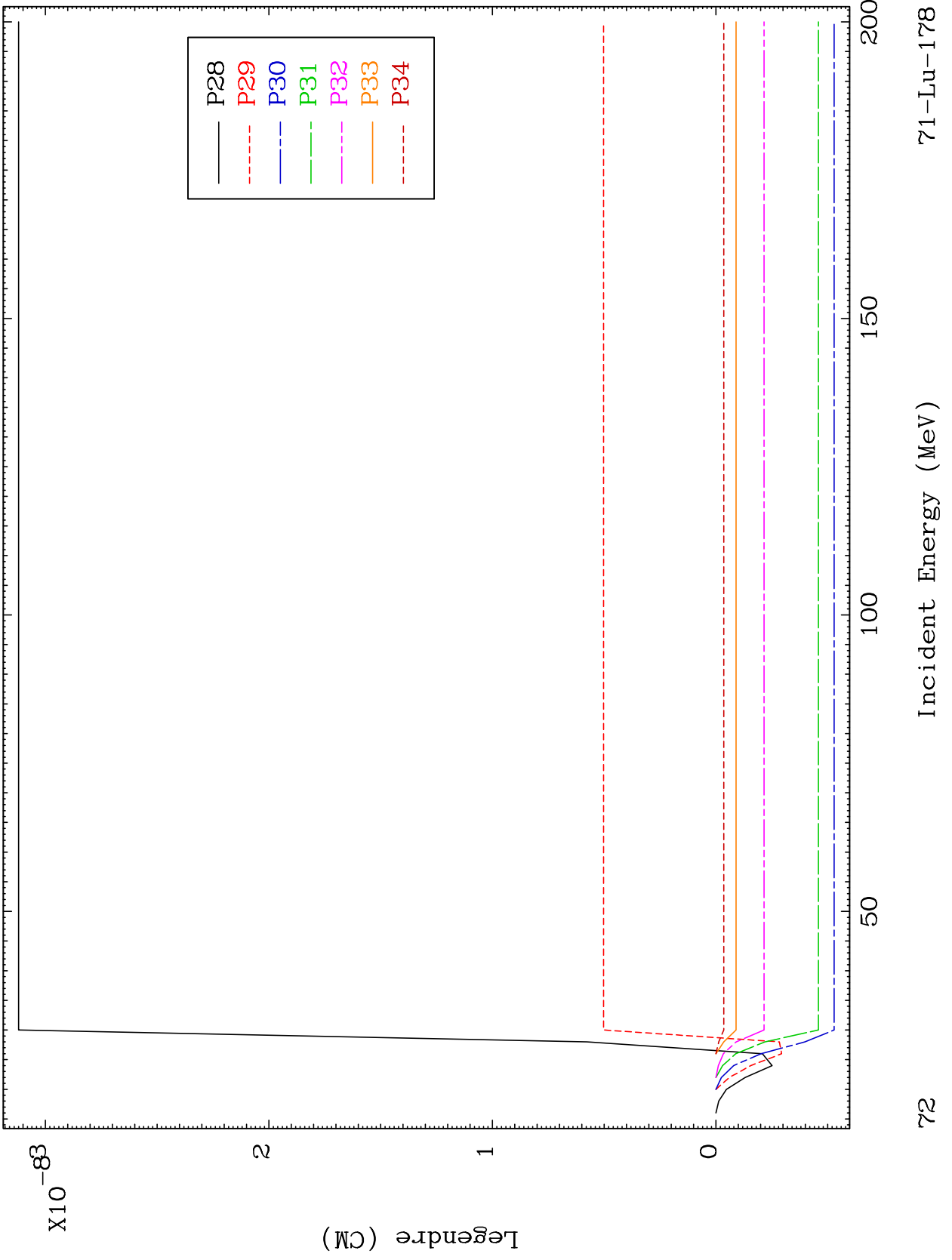
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178



MAT 7134

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

71-Lu-178



73

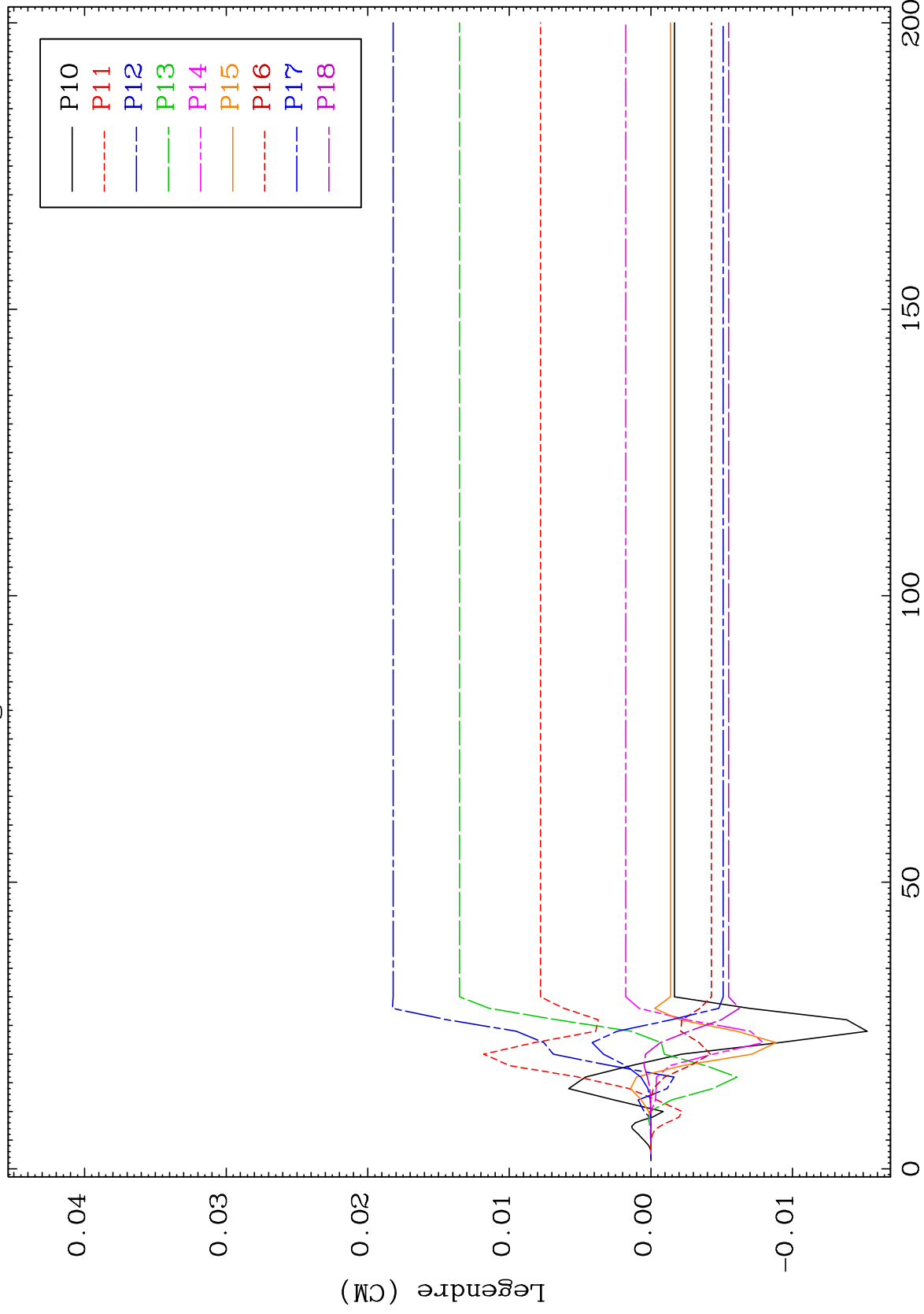
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178



74

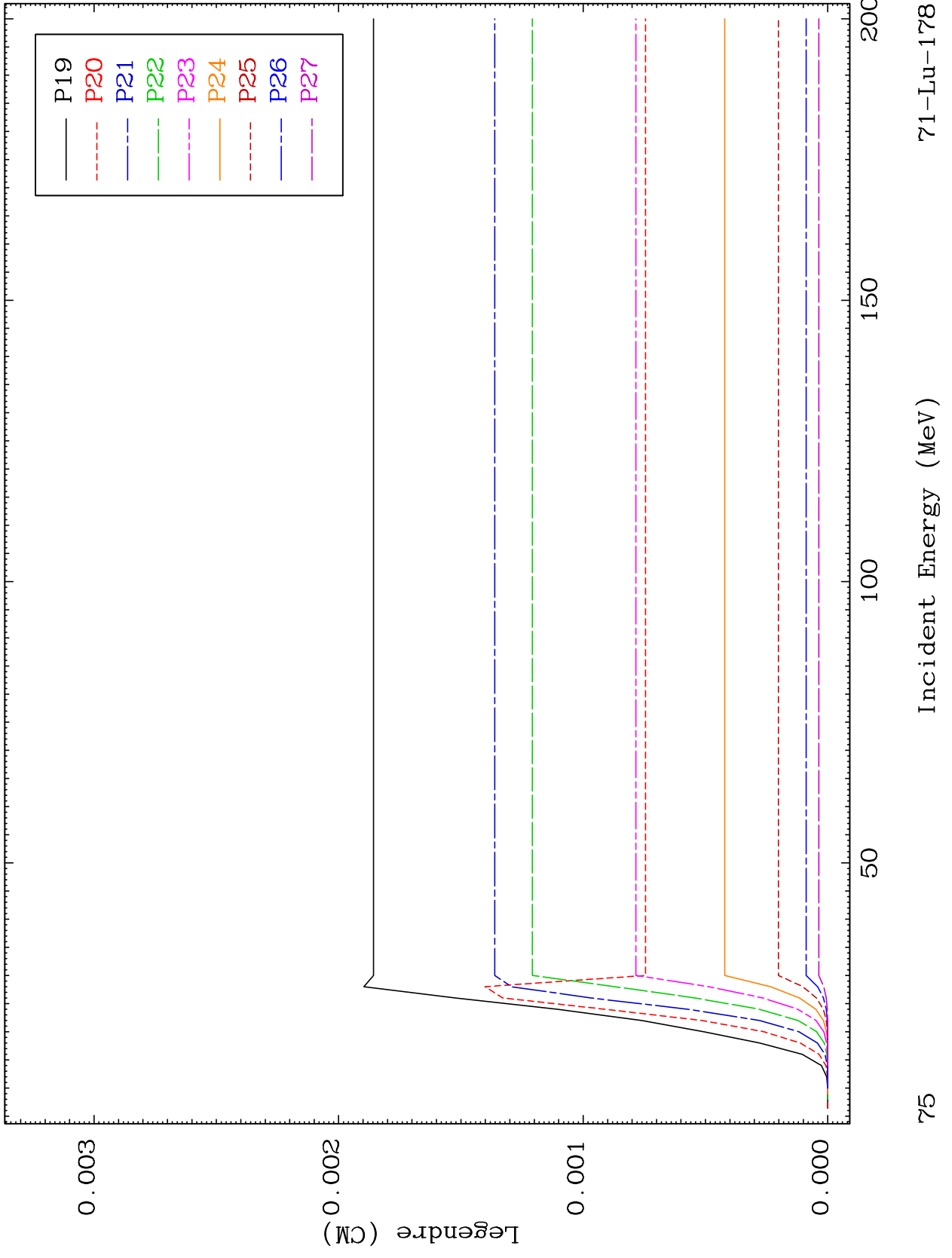
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178



75

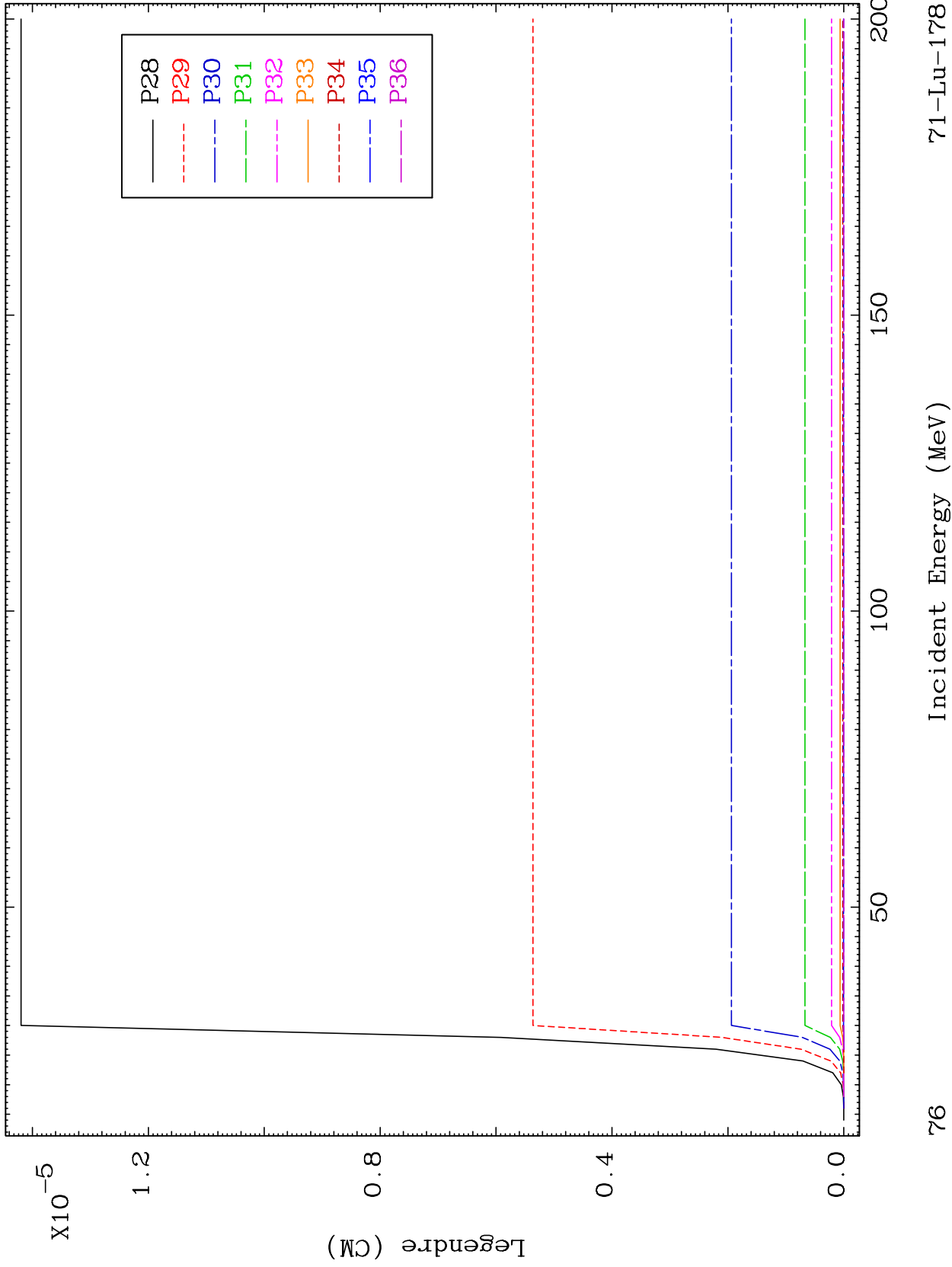
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178

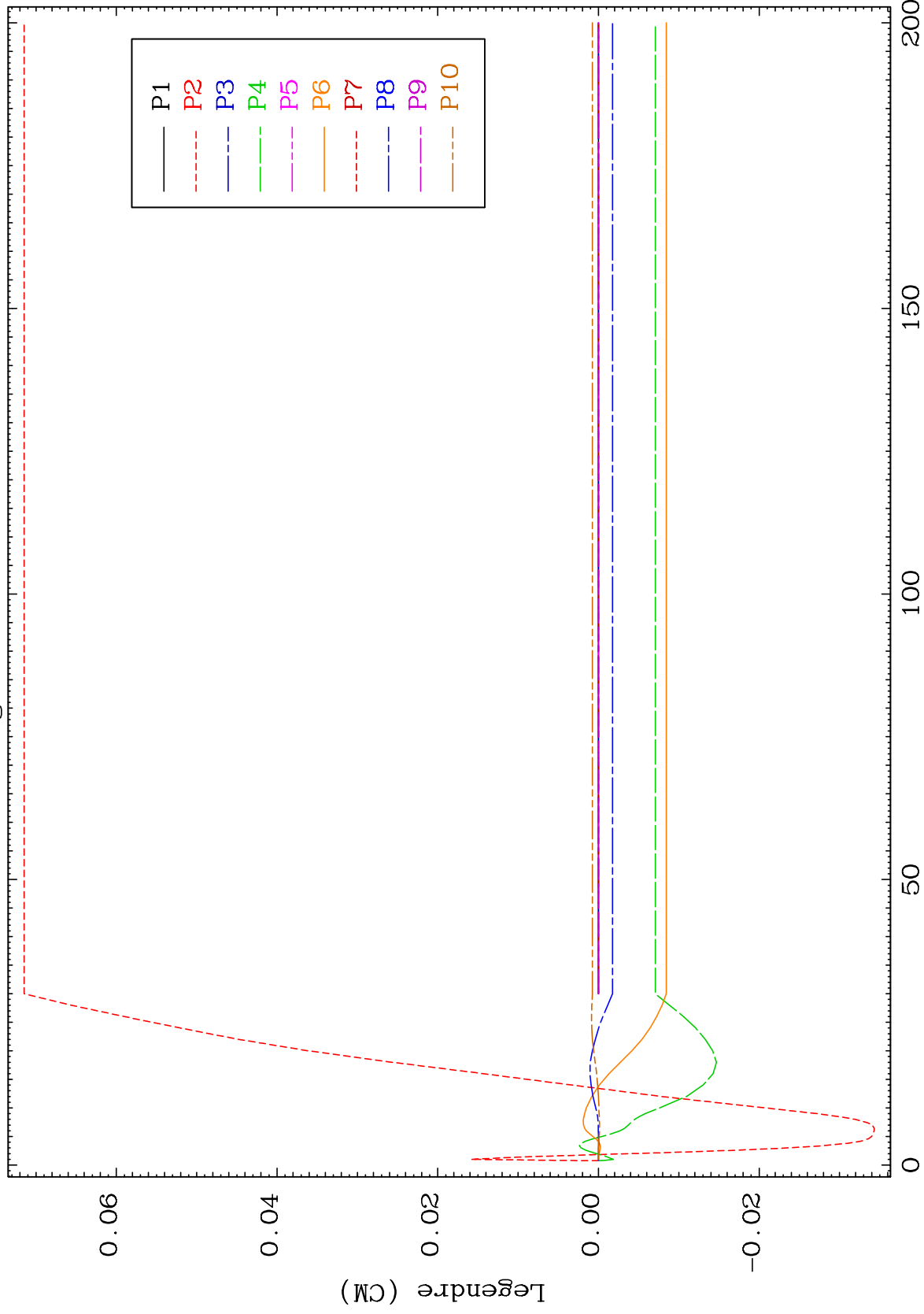


76

MAT 7134

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

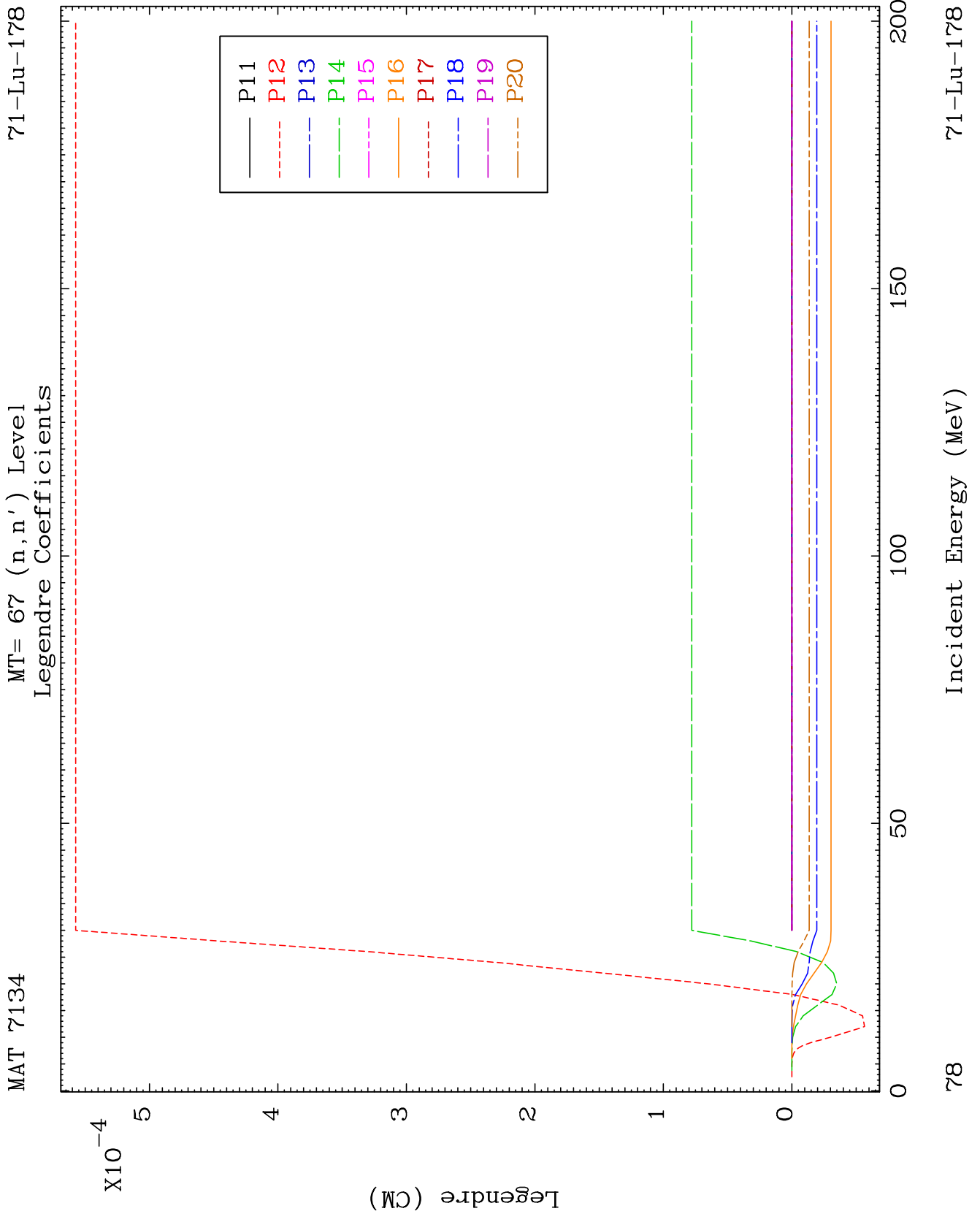
71-Lu-178



77

Incident Energy (MeV)

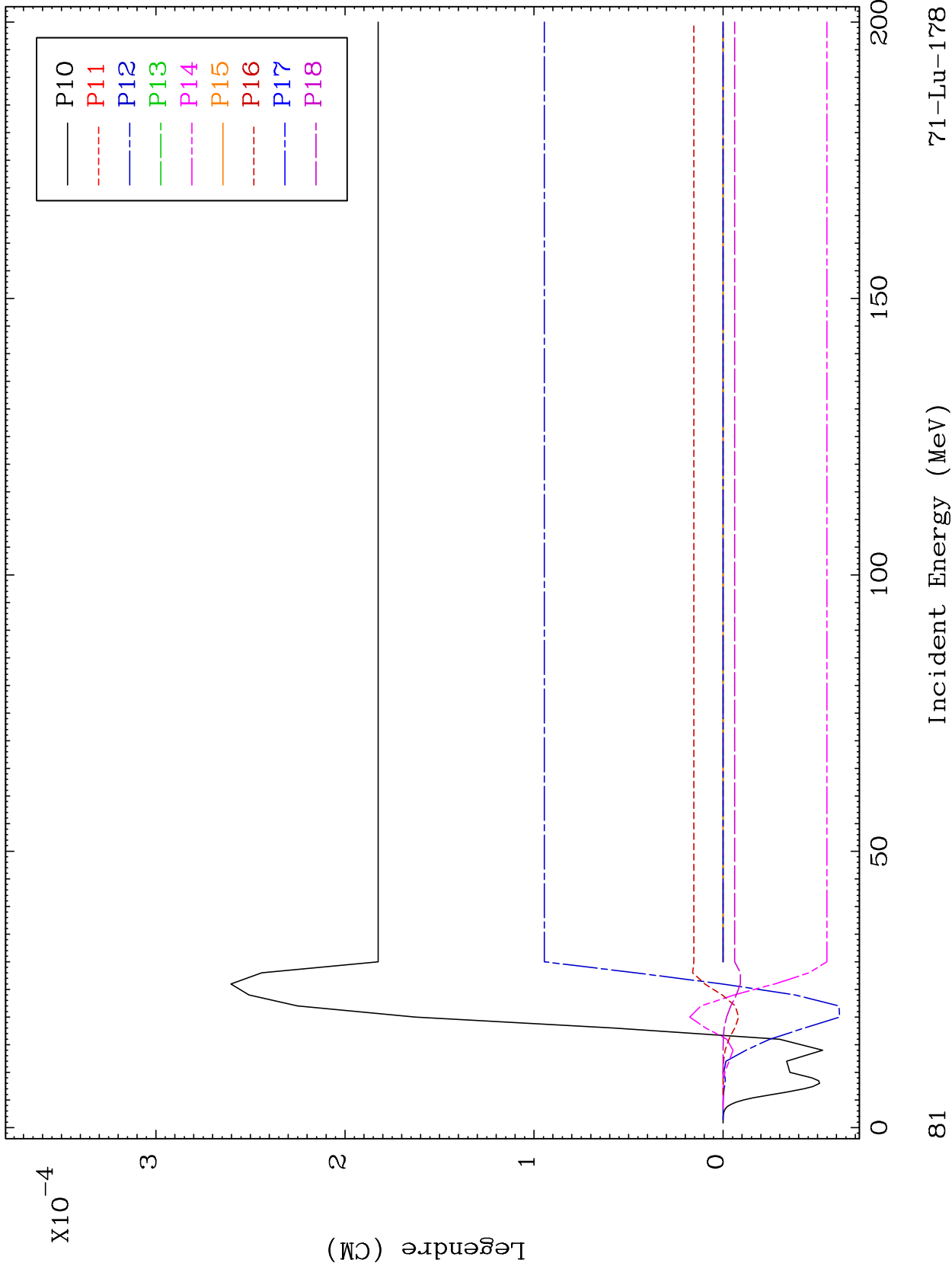
71-Lu-178



MAT 7134

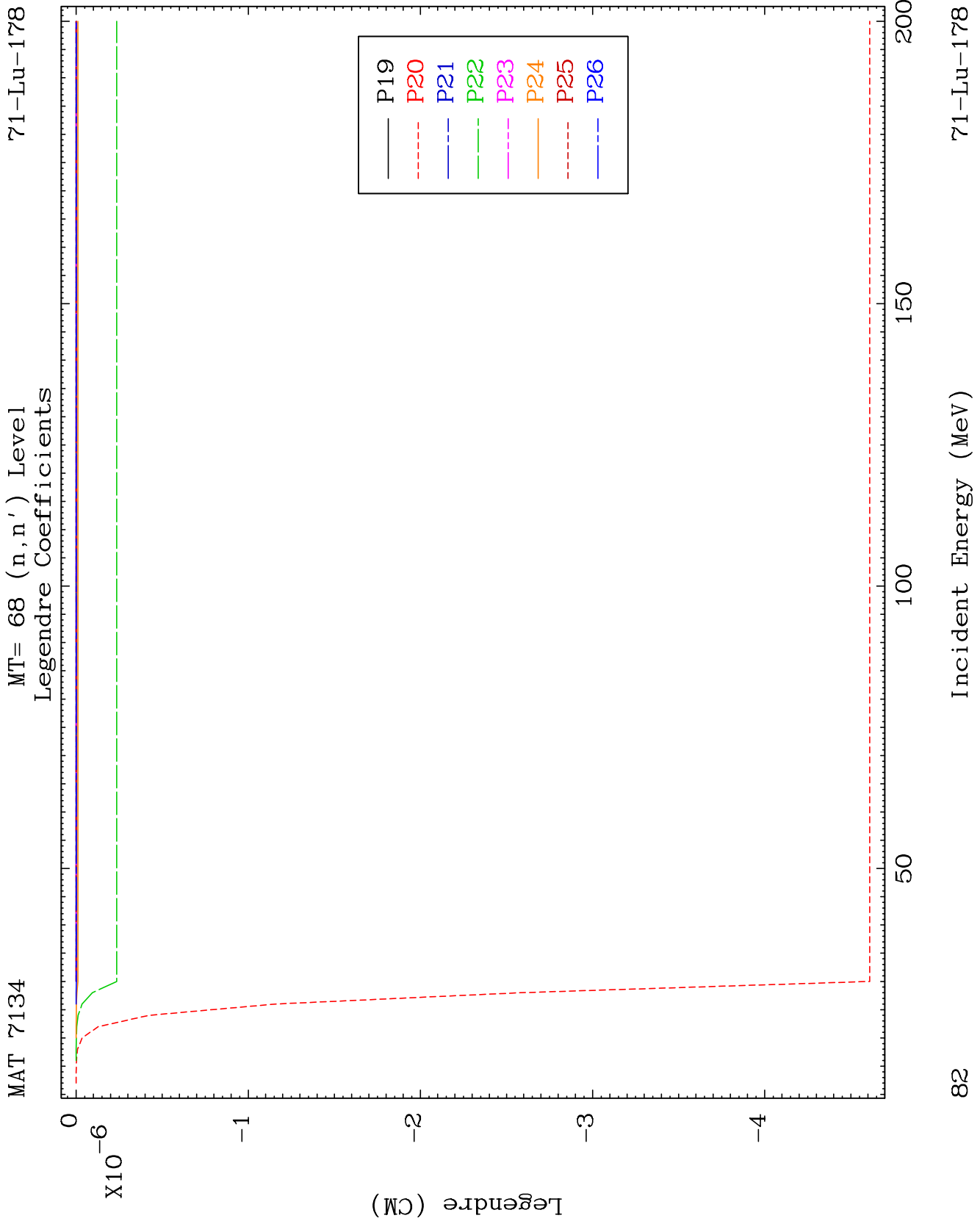
MT= 68 (n,n') Level
Legendre Coefficients

71-Lu-178



81

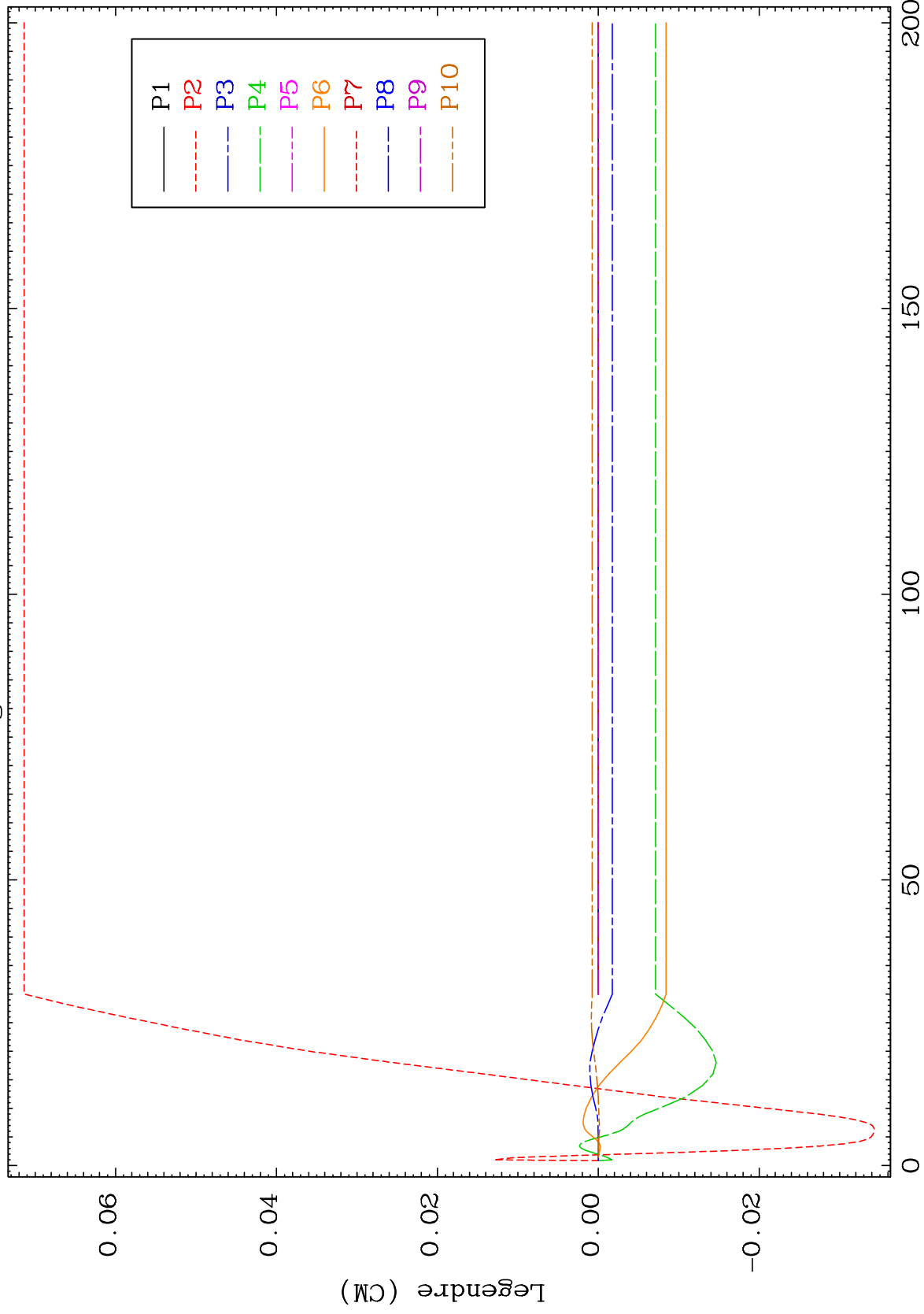
71-Lu-178



MAT 7134

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

71-Lu-178



83

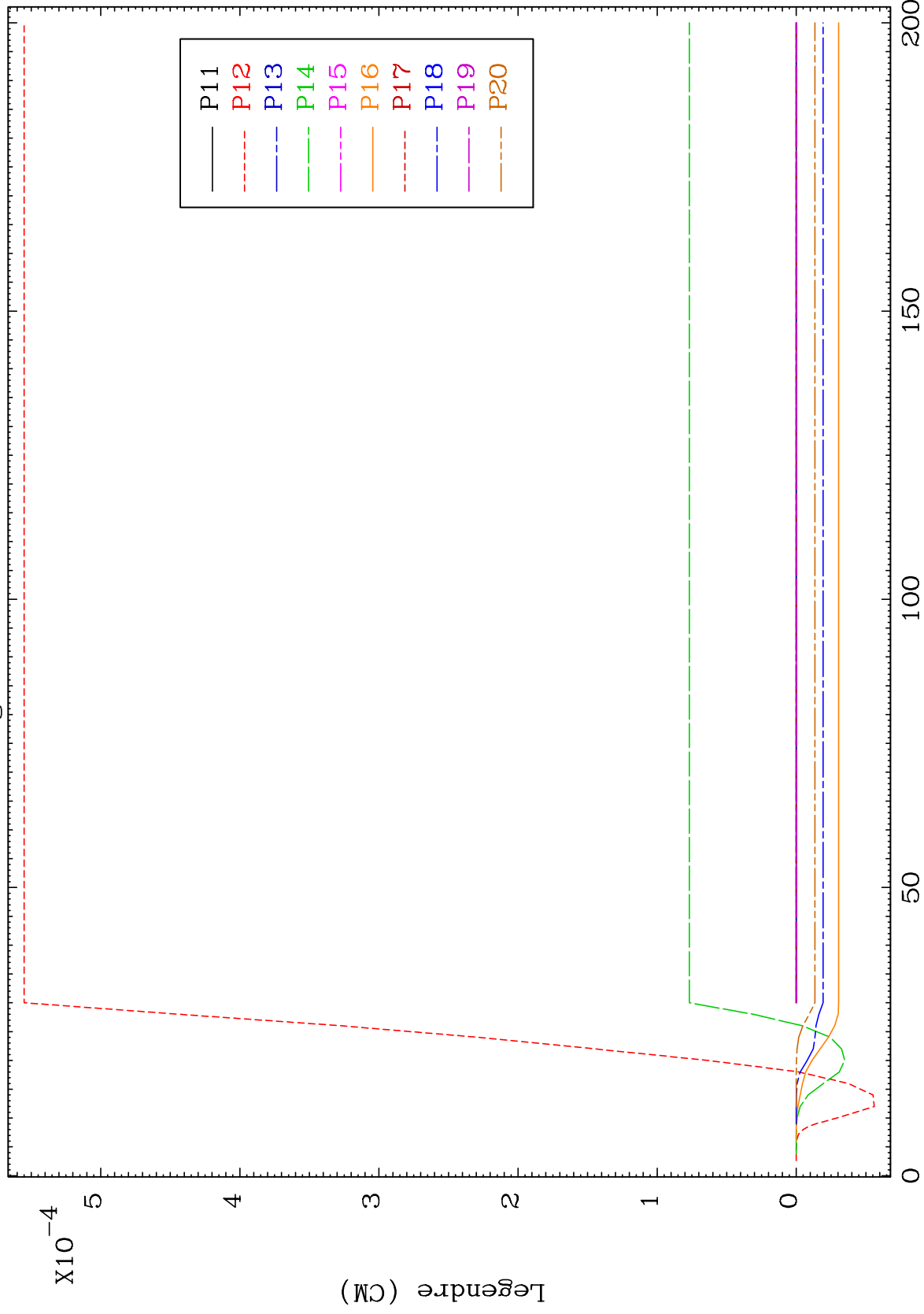
Incident Energy (MeV)

71-Lu-178

MAT 7134

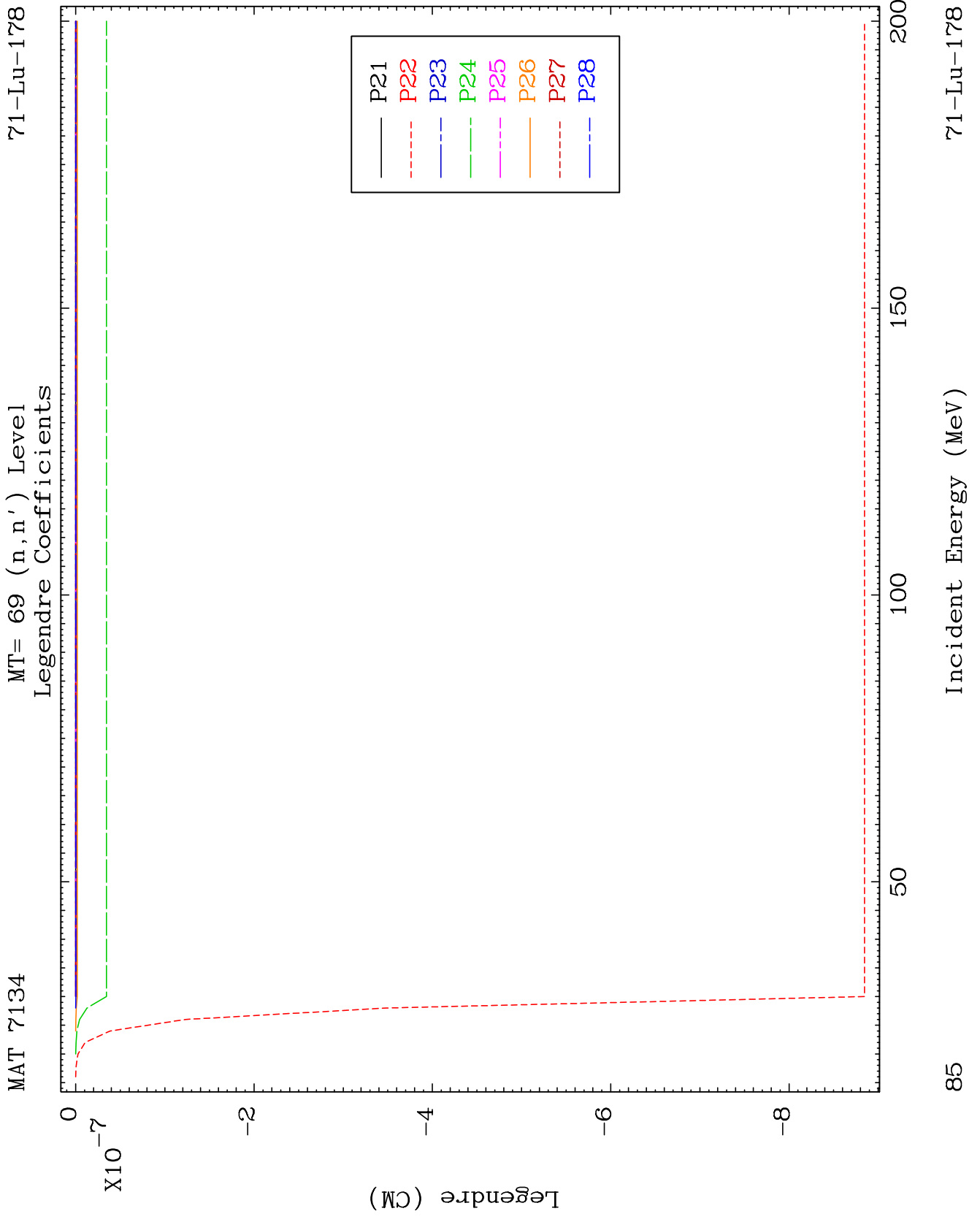
MT= 69 (n,n') Level
Legendre Coefficients

71-Lu-178



84

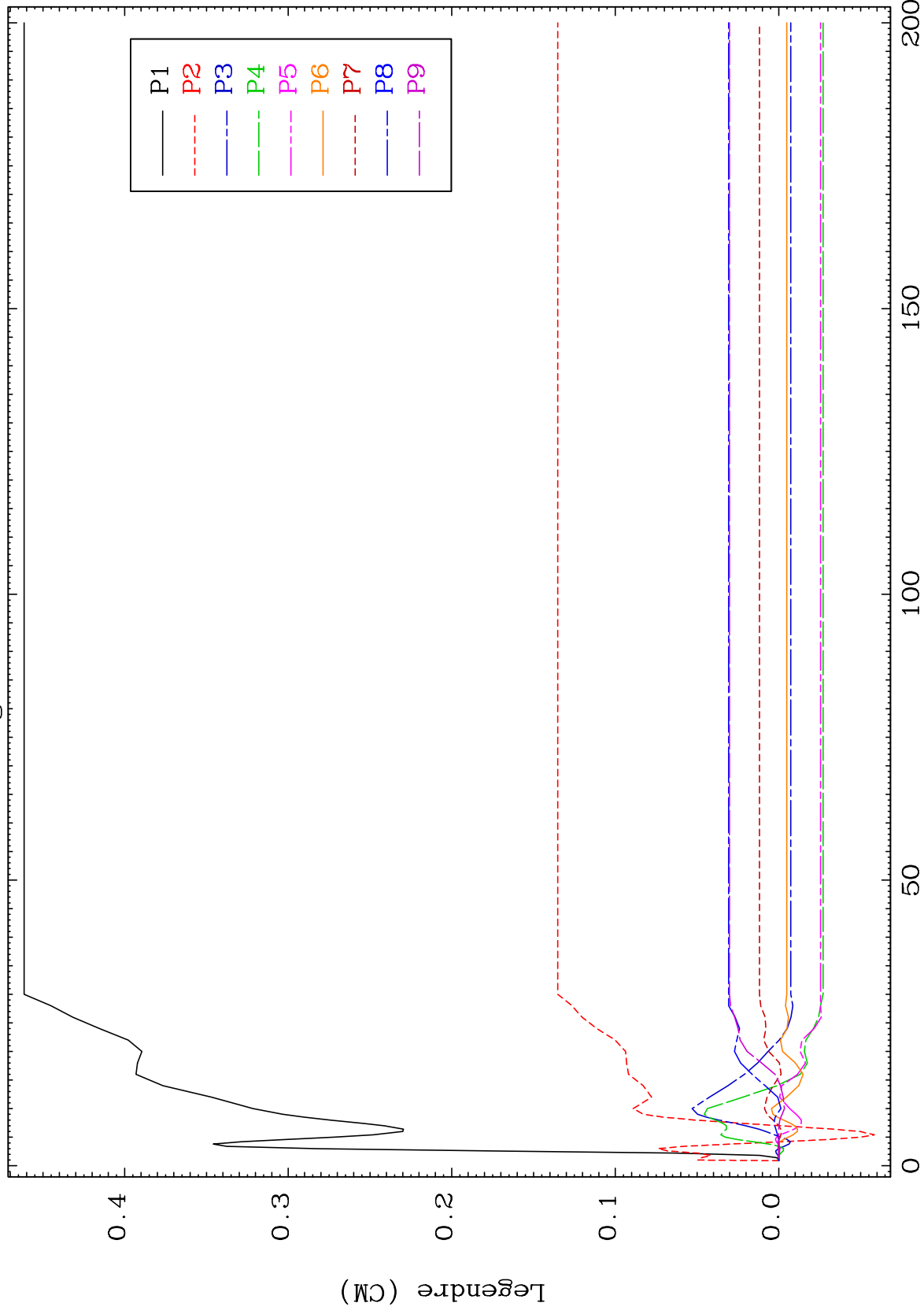
71-Lu-178



MAT 7134

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

71-Lu-178



86

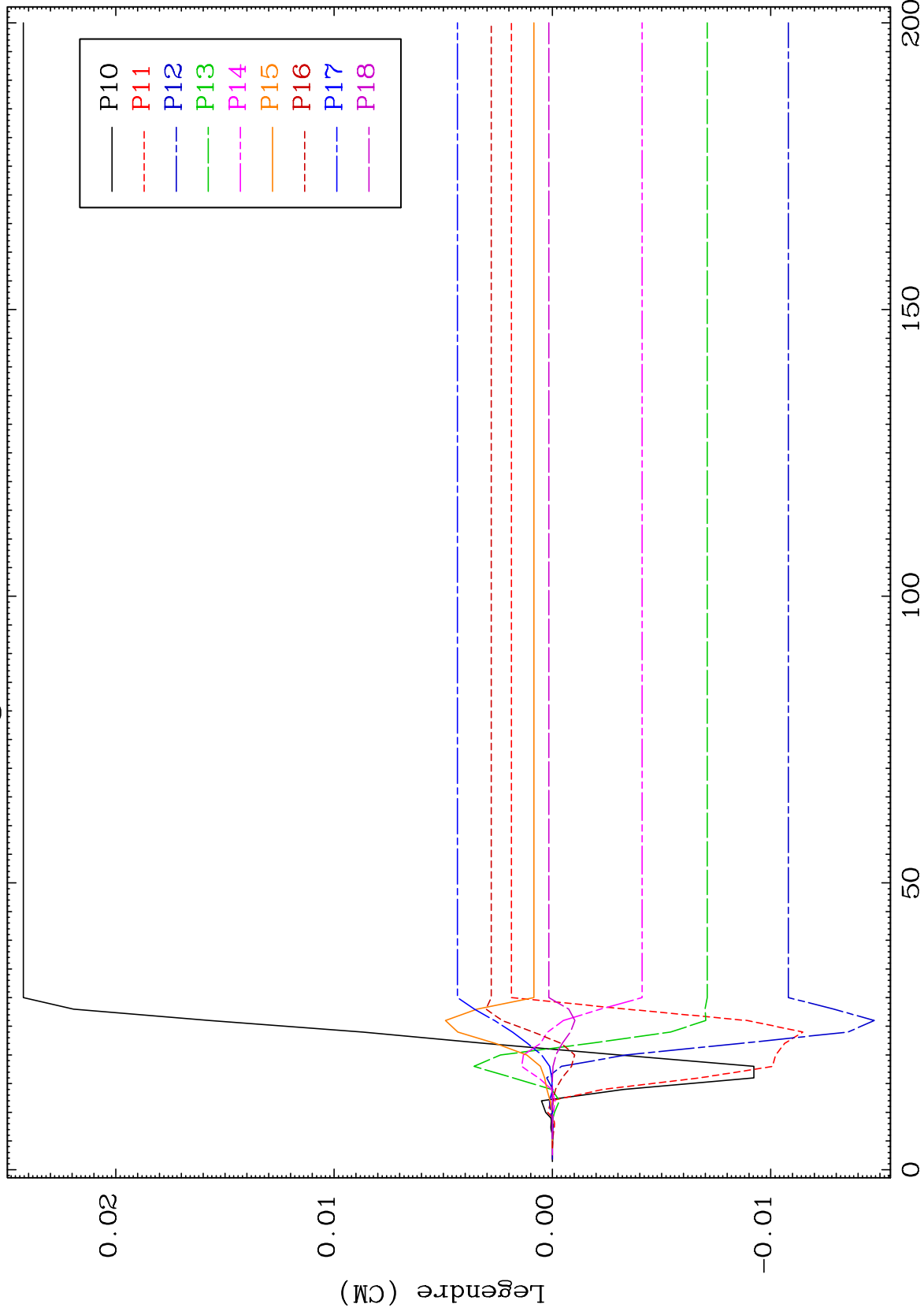
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178



87

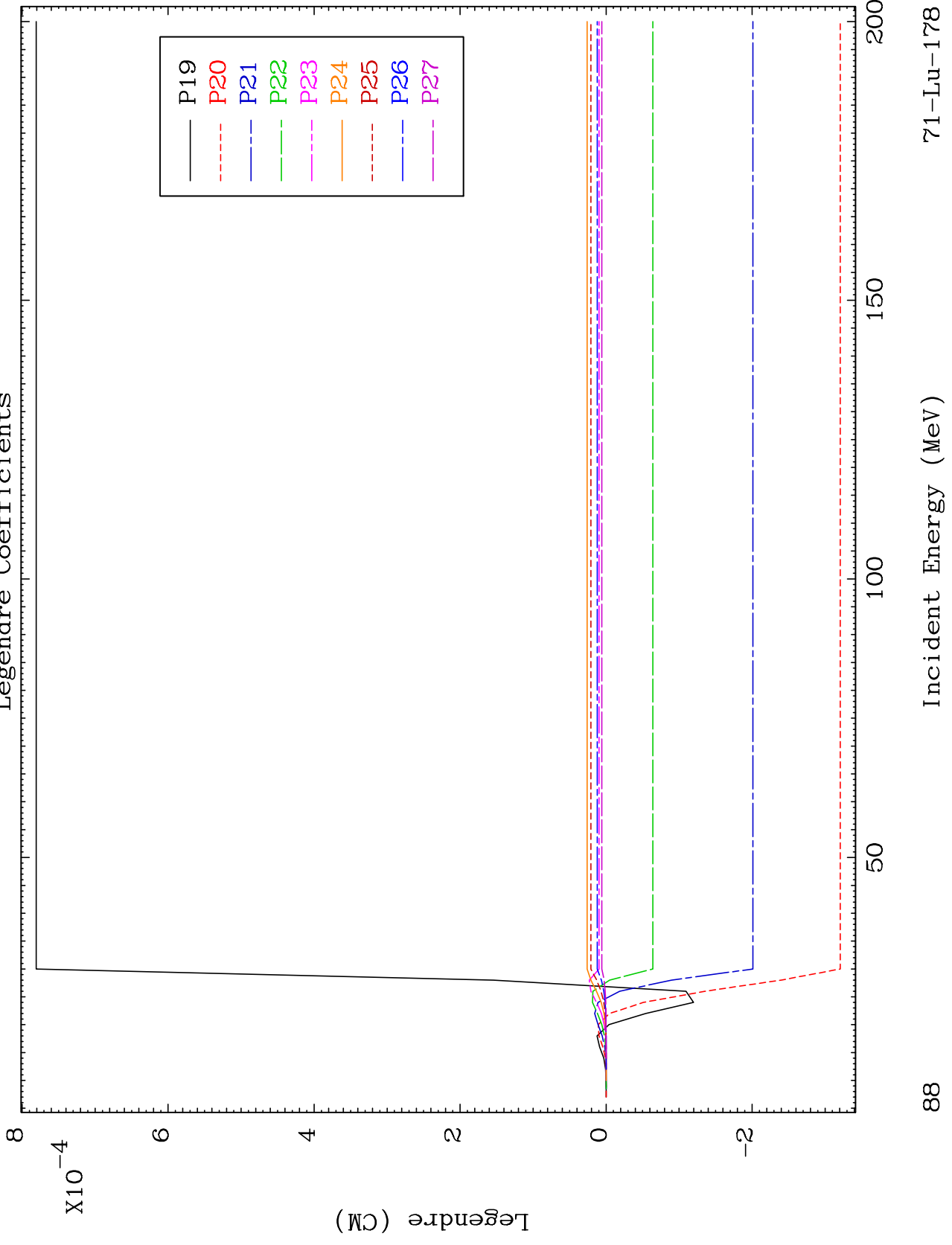
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178



88

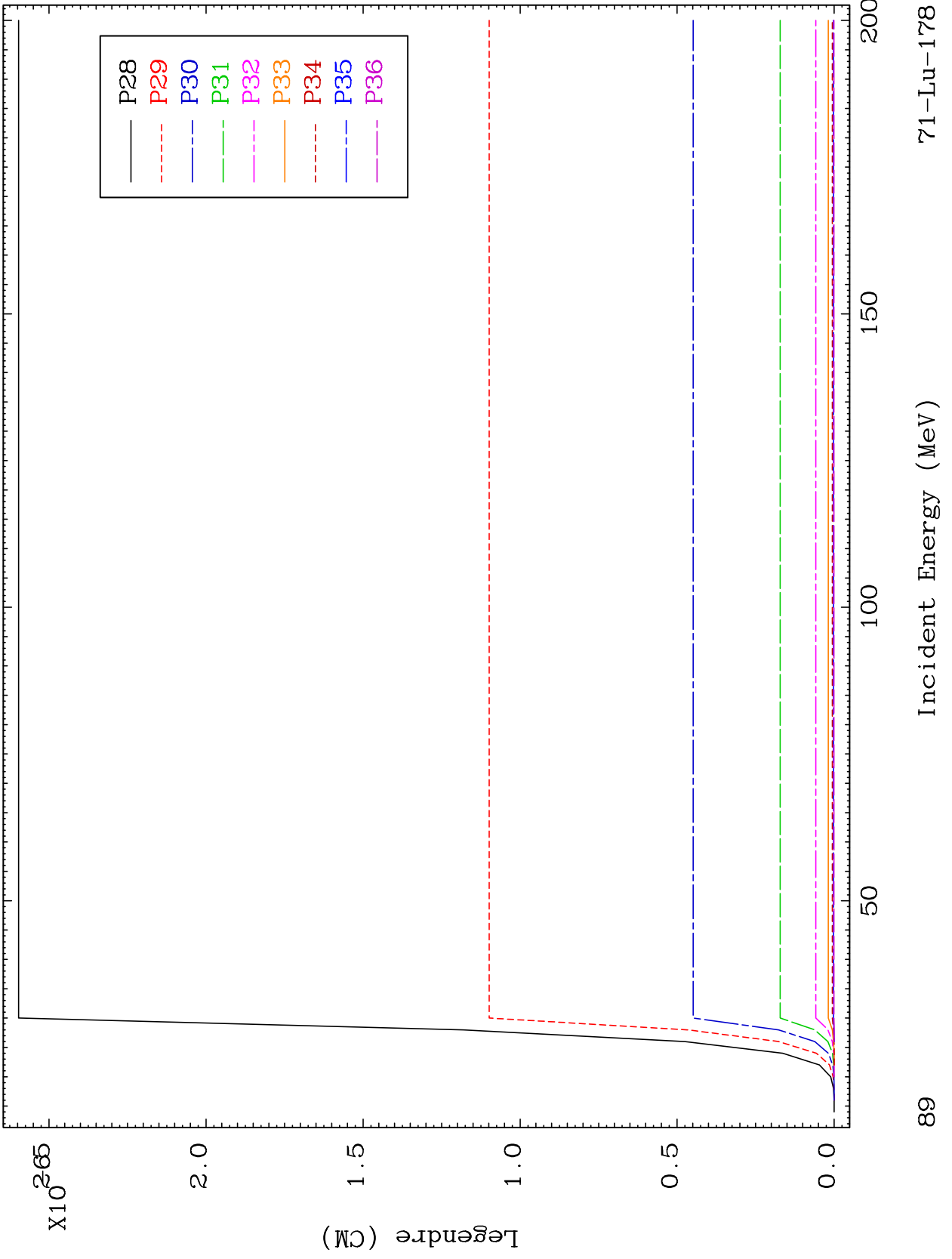
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

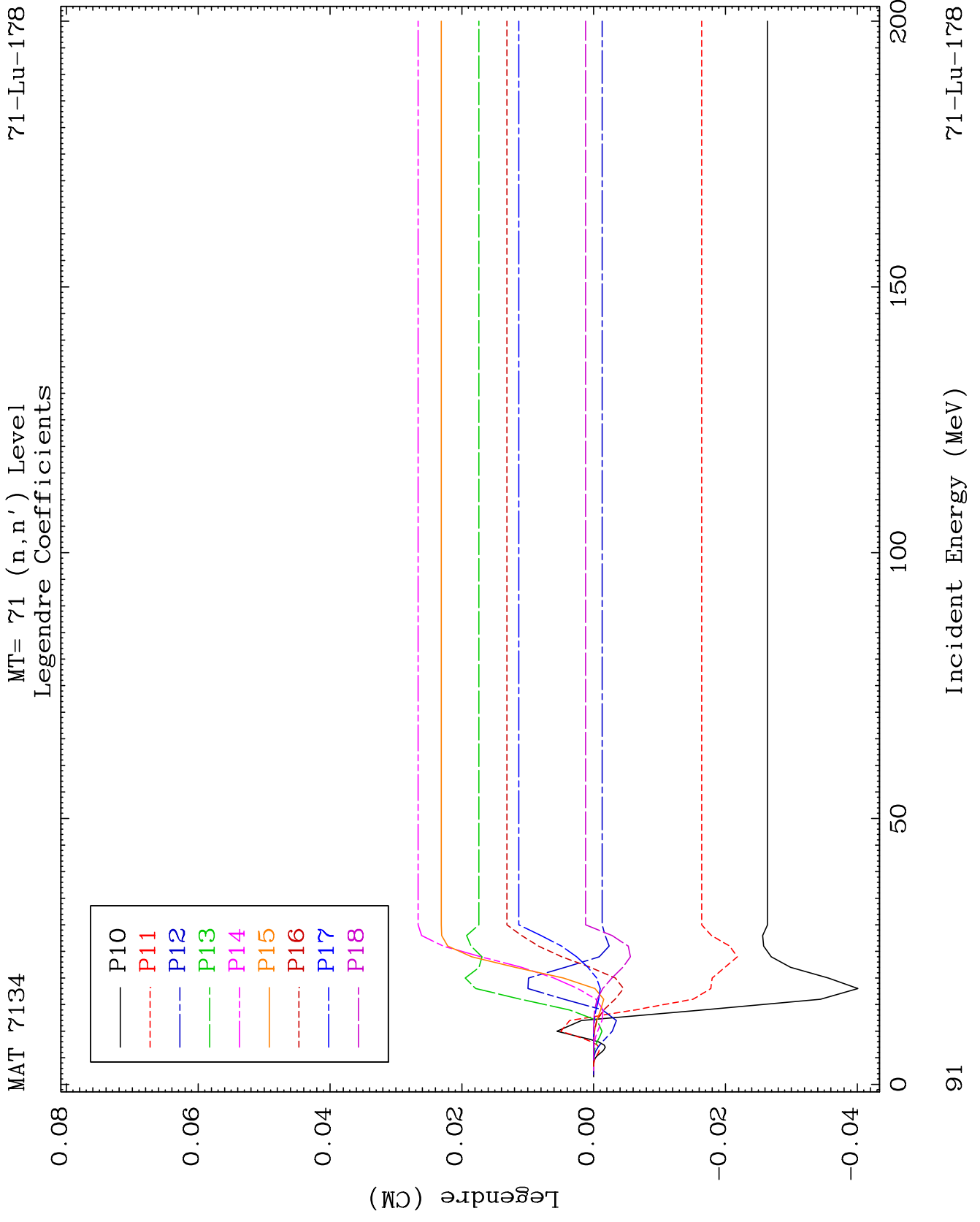
71-Lu-178



89

Incident Energy (MeV)

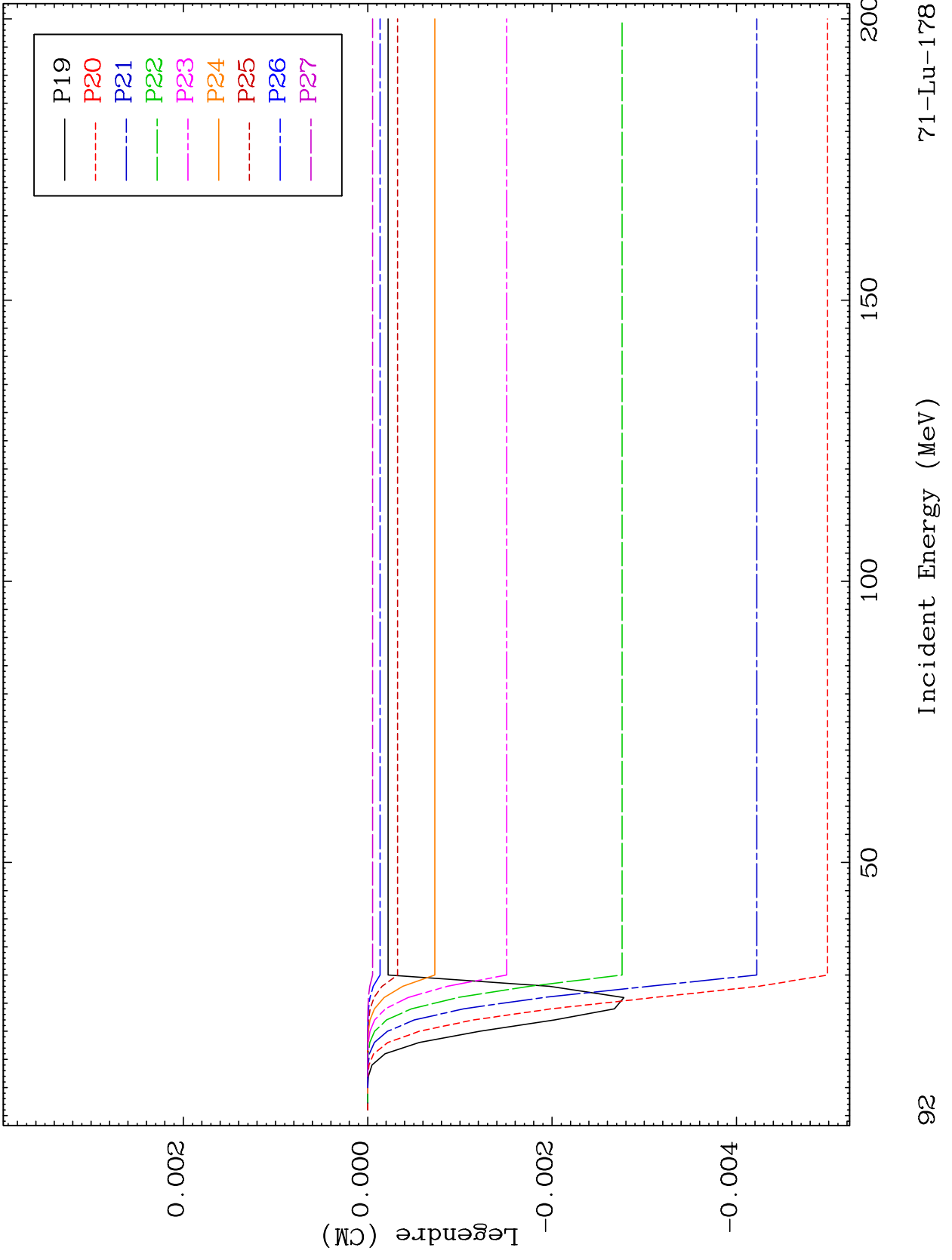
71-Lu-178



MAT 7134

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

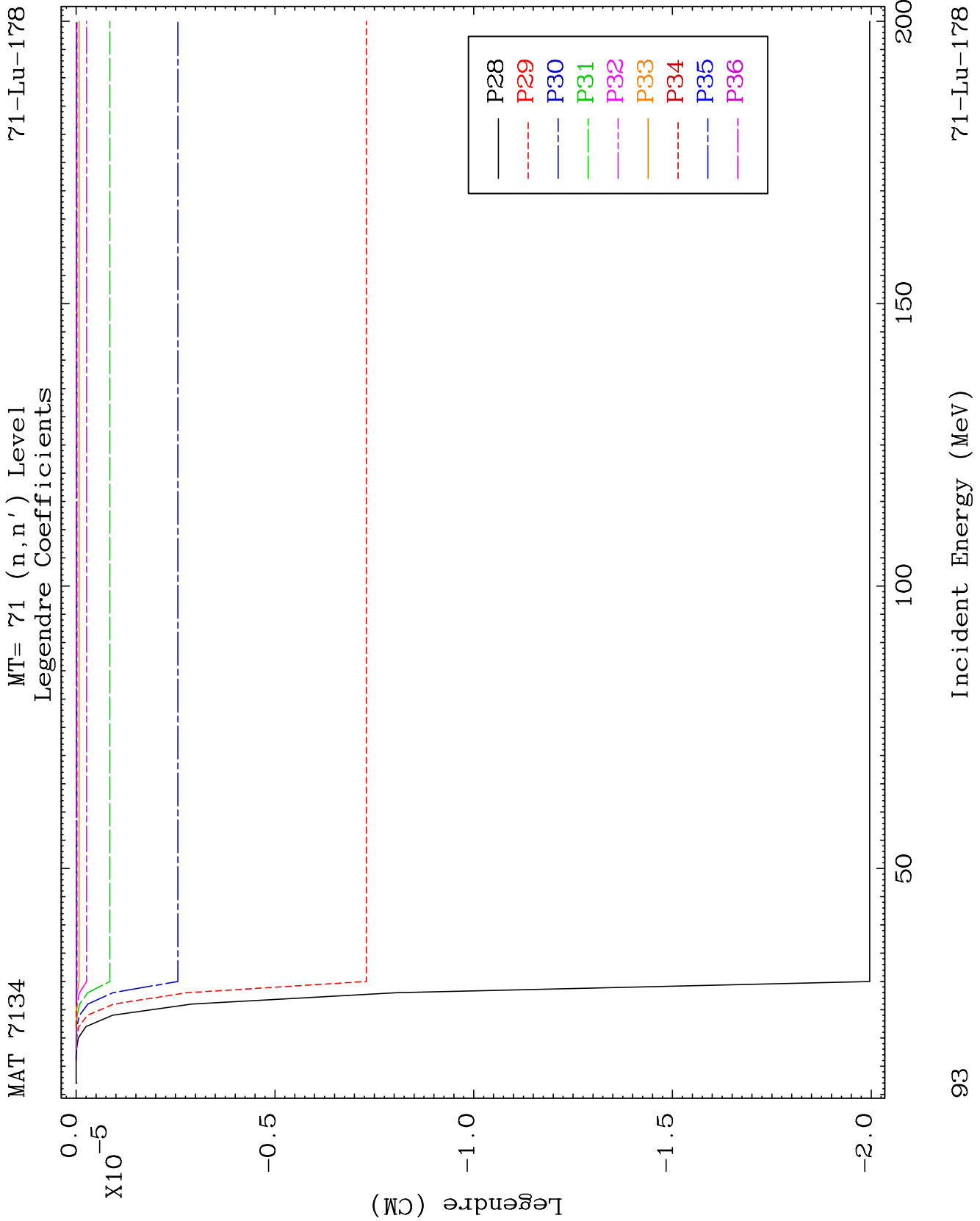
71-Lu-178



92

Incident Energy (MeV)

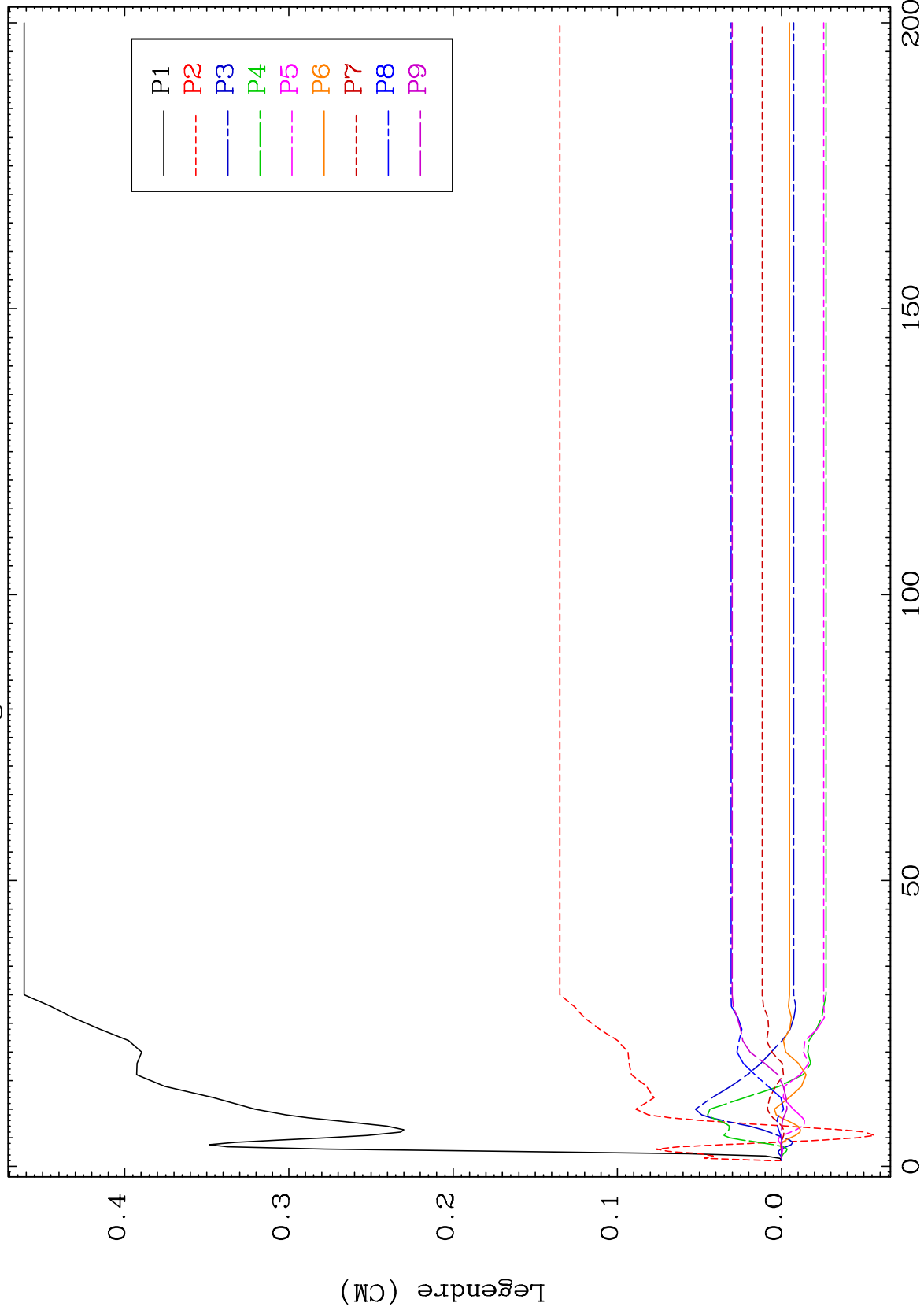
71-Lu-178



MAT 7134

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

71-Lu-178



94

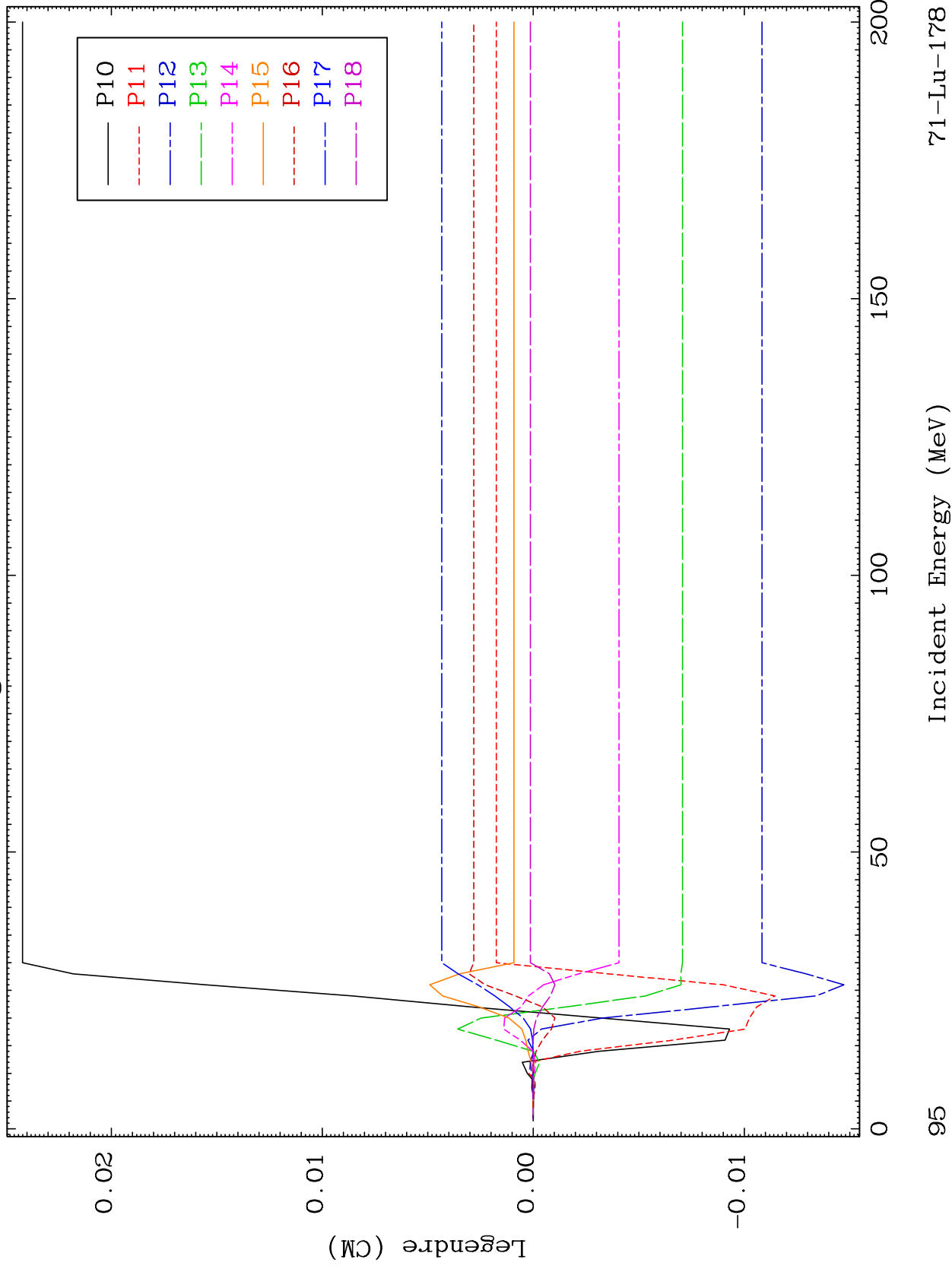
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178



71-Lu-178

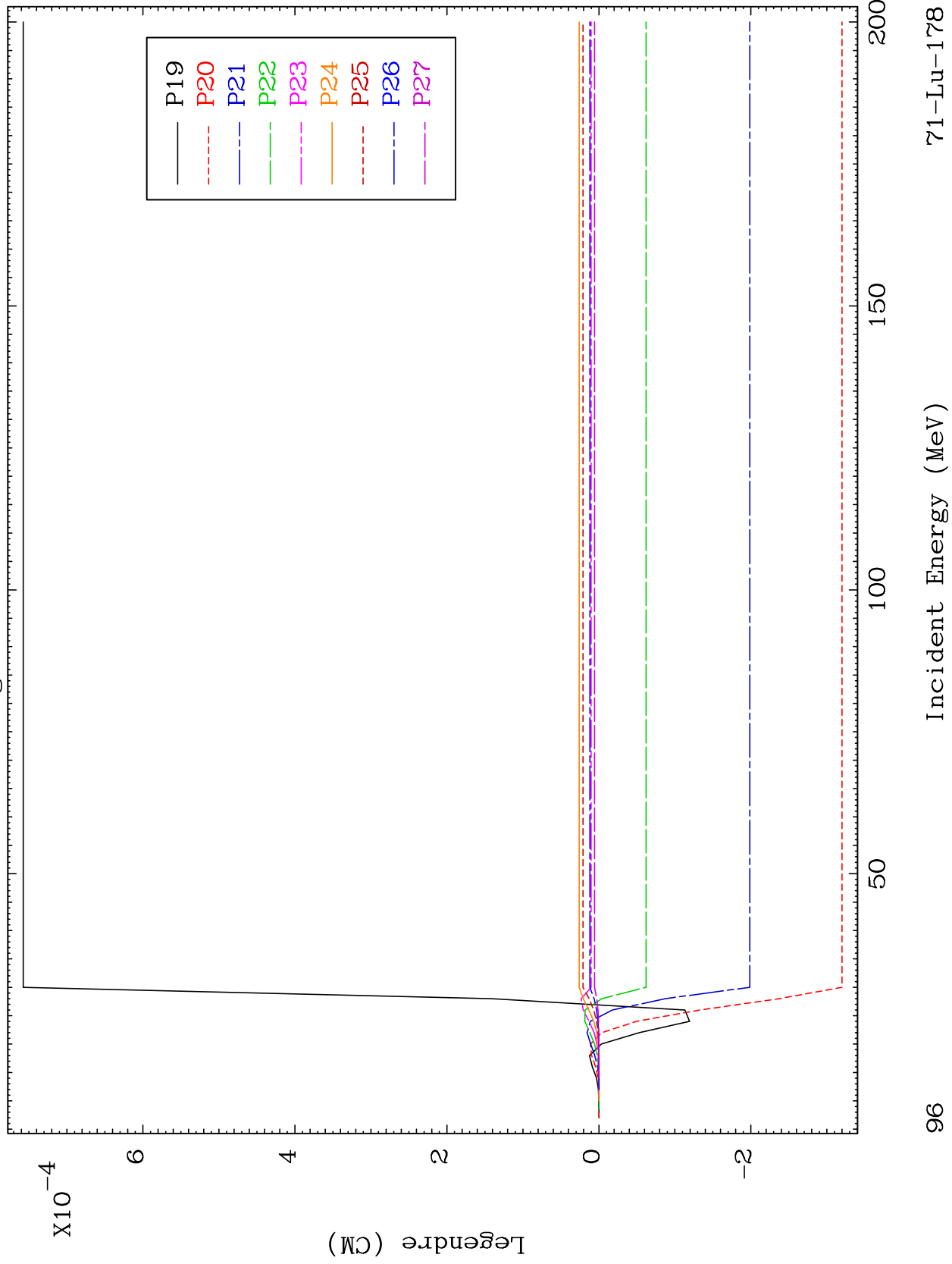
Incident Energy (MeV)

95

MAT 7134

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

71-Lu-178



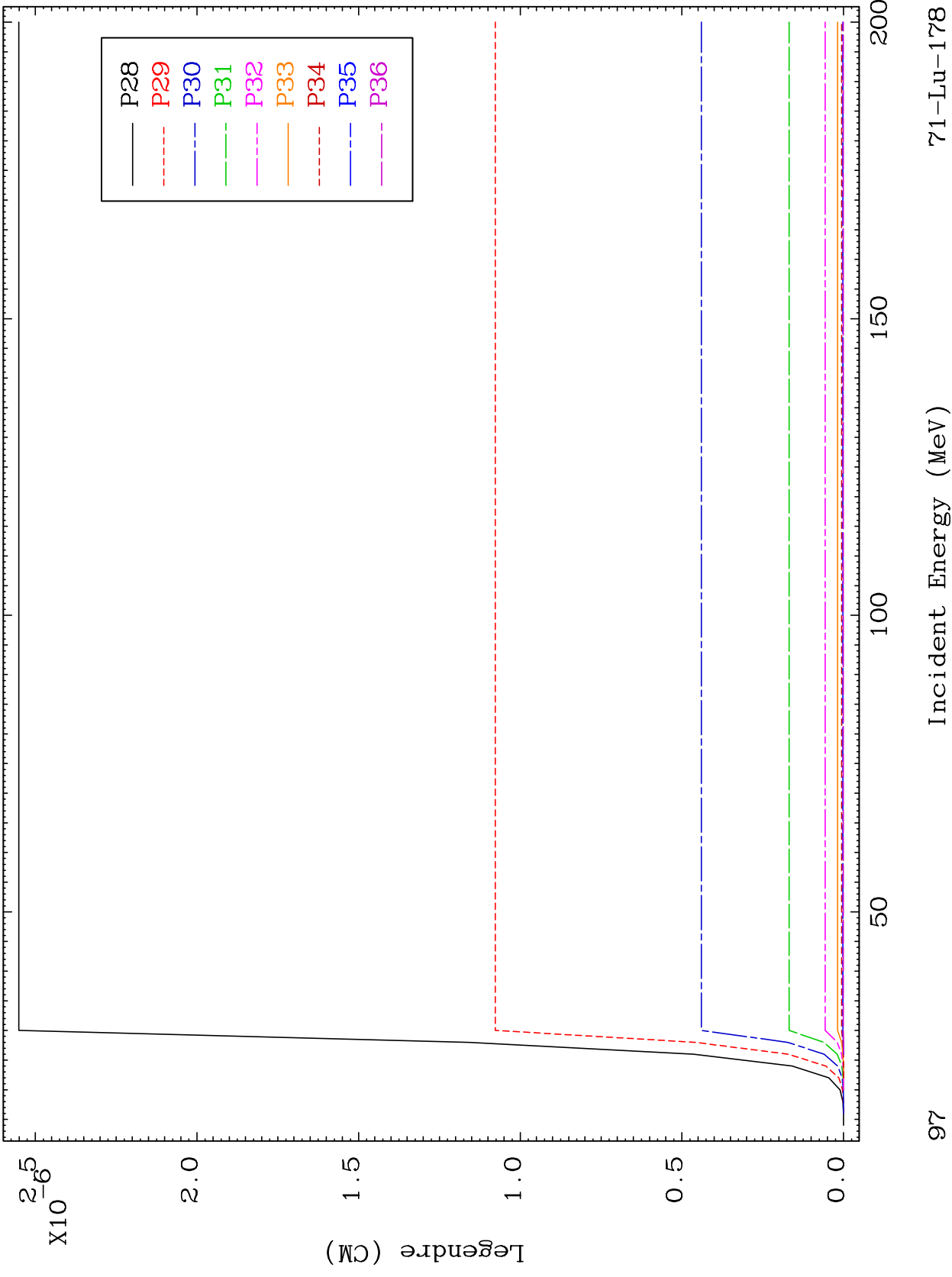
96

71-Lu-178

MAT 7134

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

71-Lu-178



97

Incident Energy (MeV)

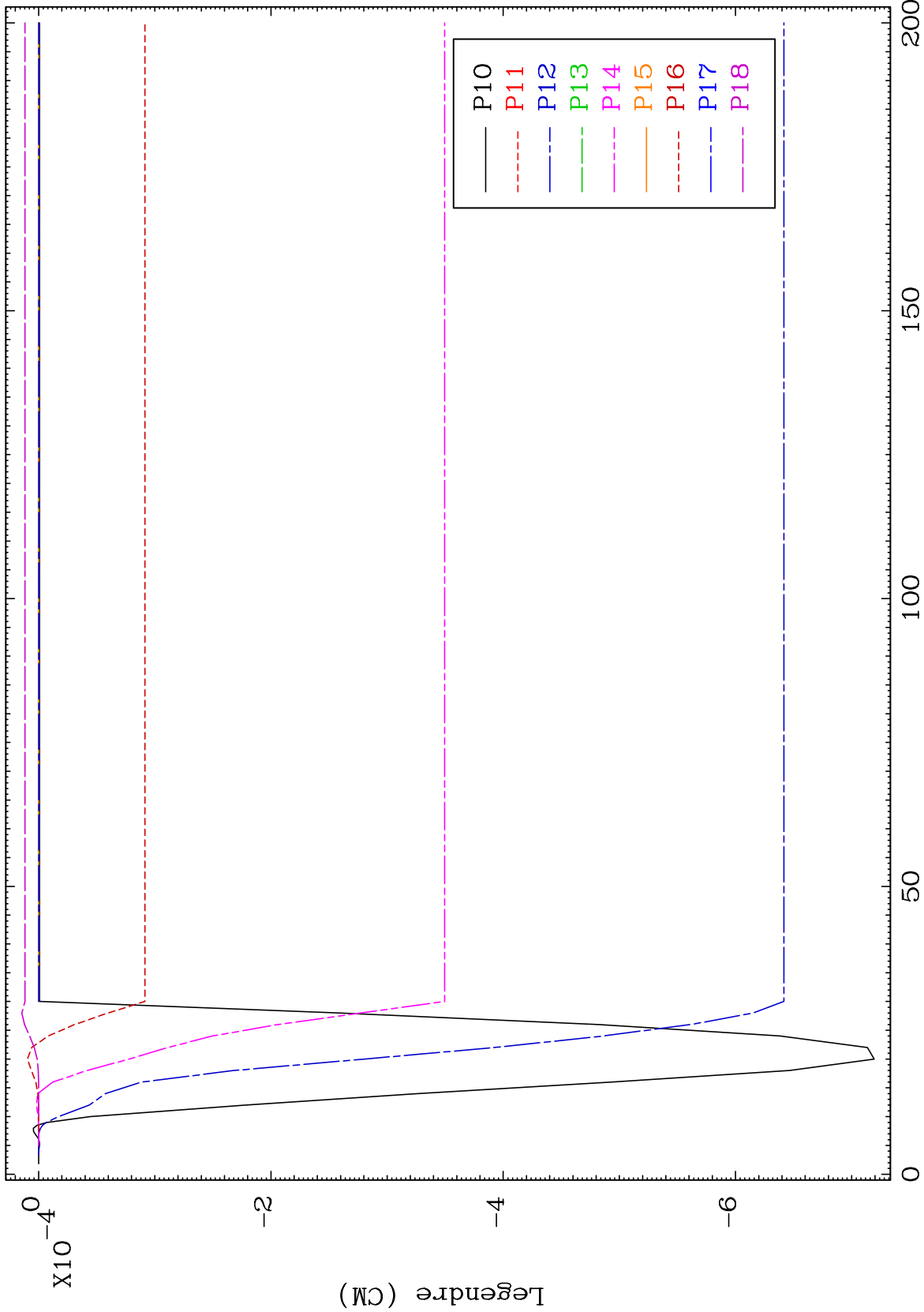
71-Lu-178

MAT 7134

MT= 73 (n,n') Level

71-Lu-178

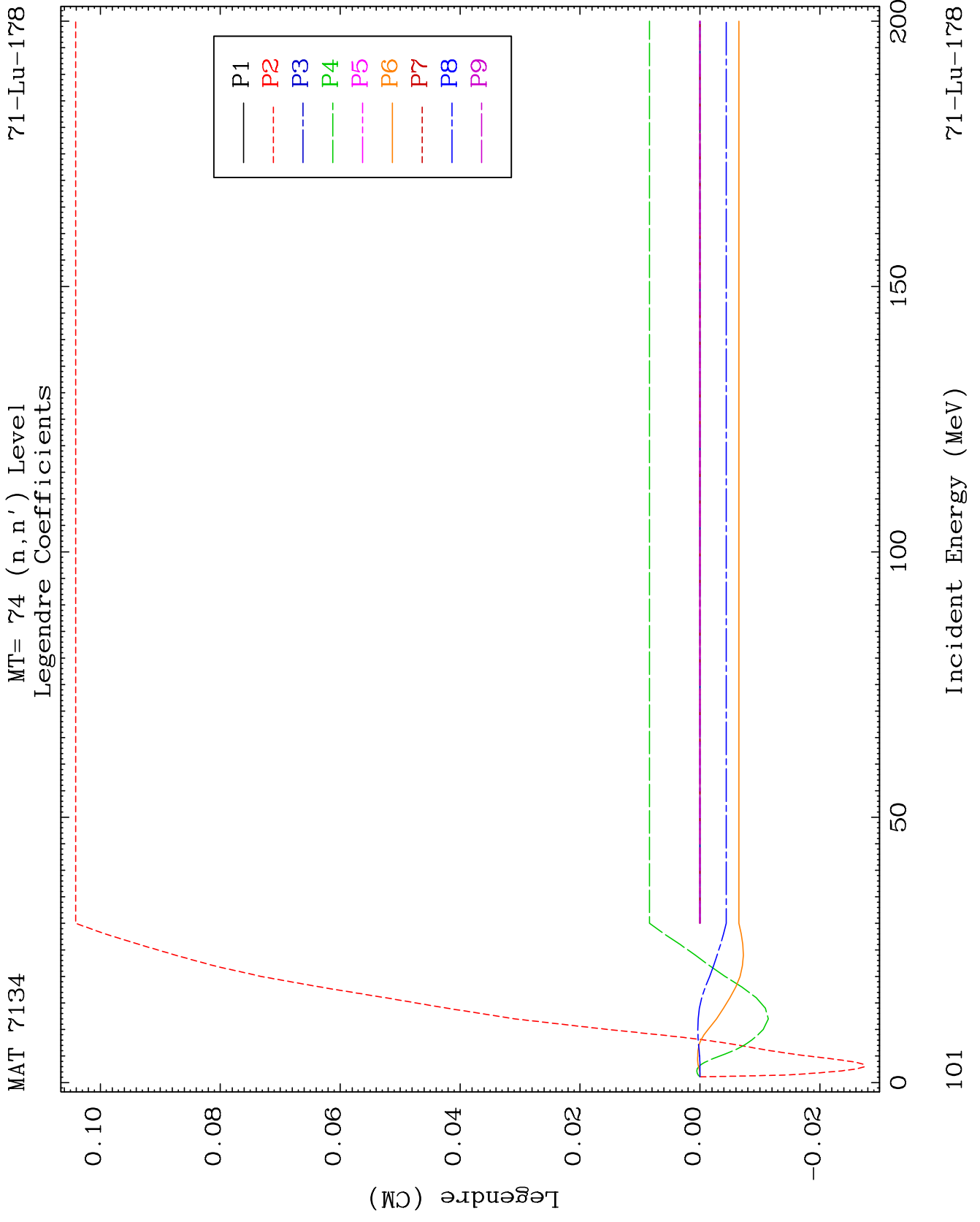
Legendre Coefficients



99

Incident Energy (MeV)

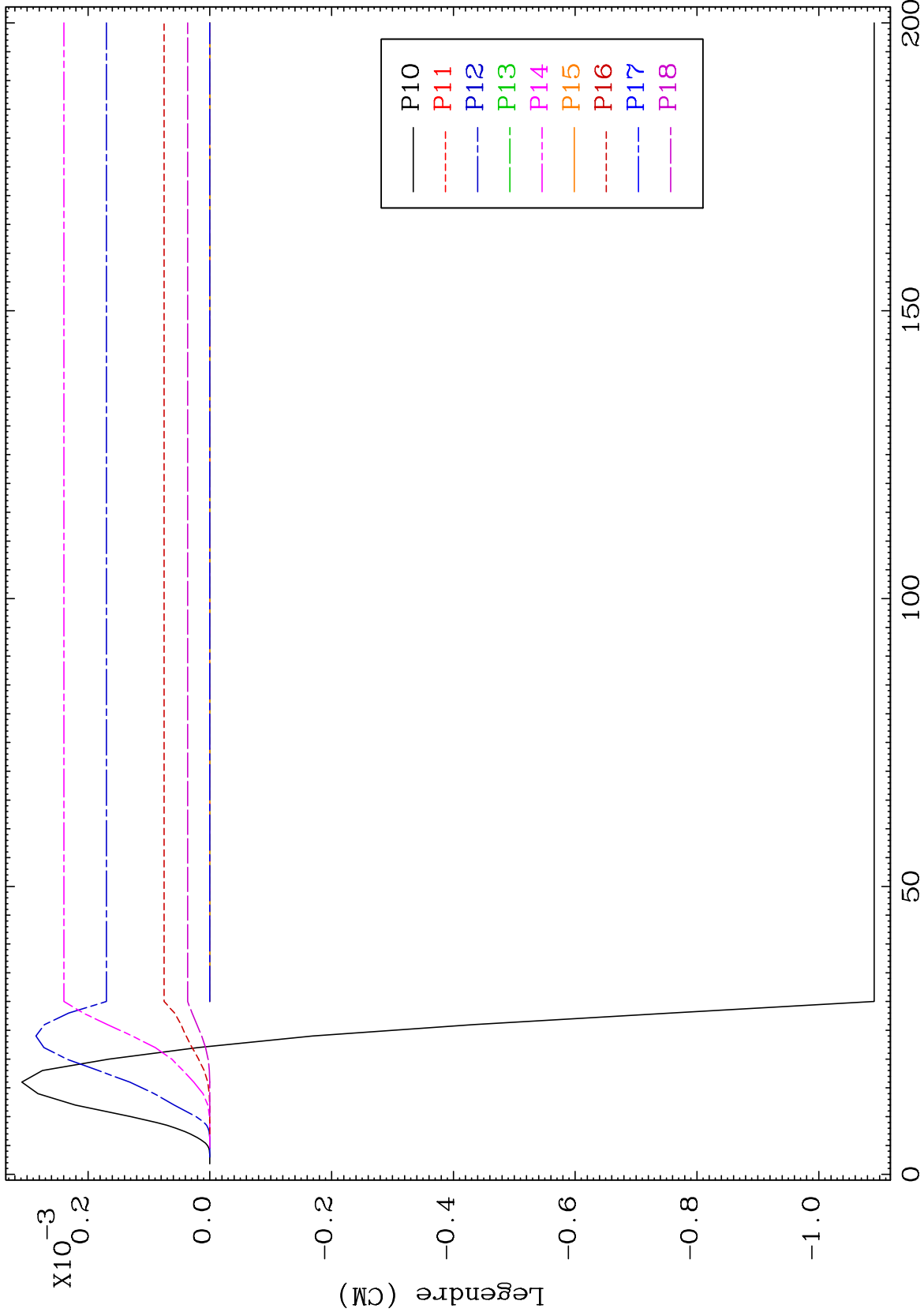
71-Lu-178



MAT 7134

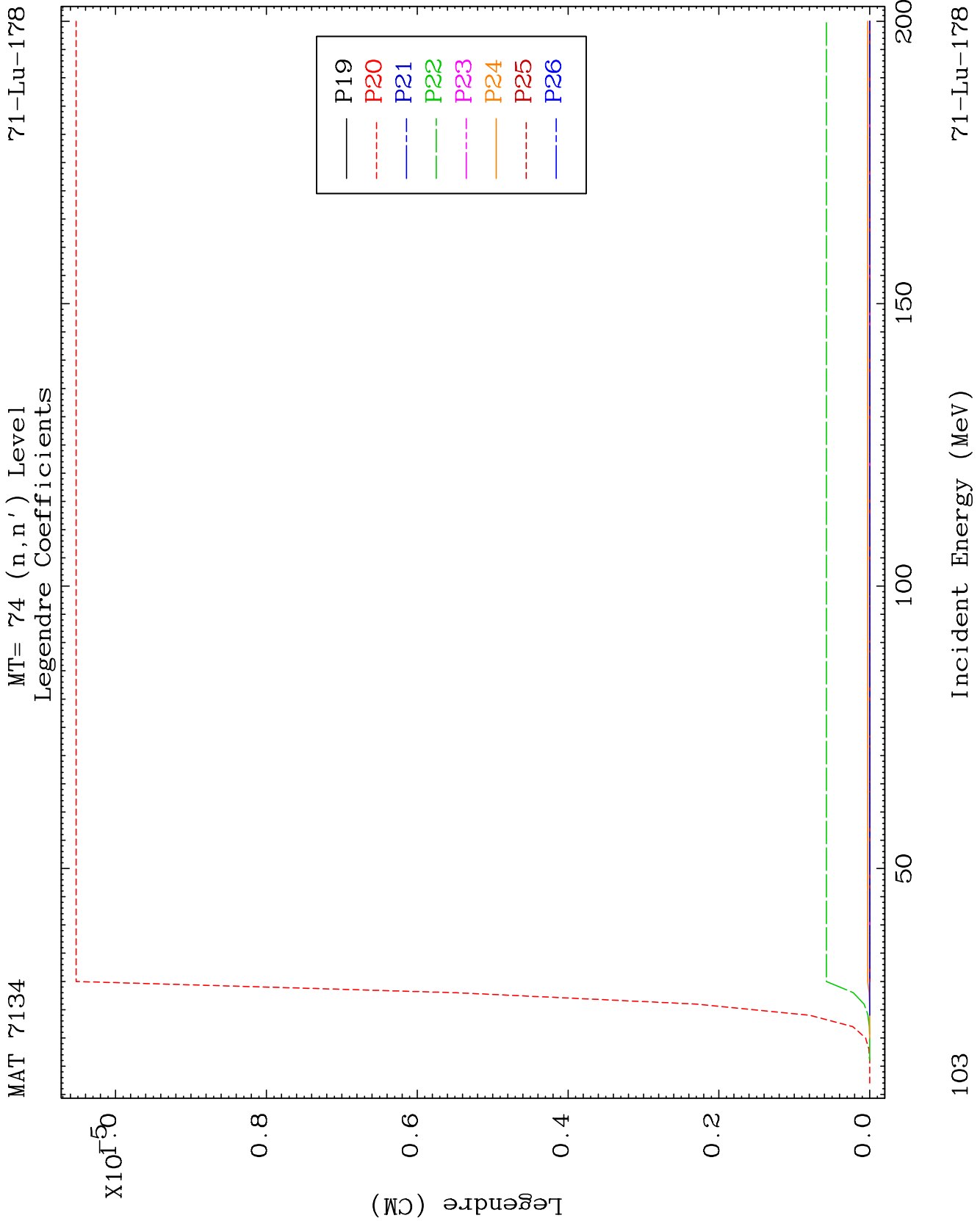
MT= 74 (n,n') Level
Legendre Coefficients

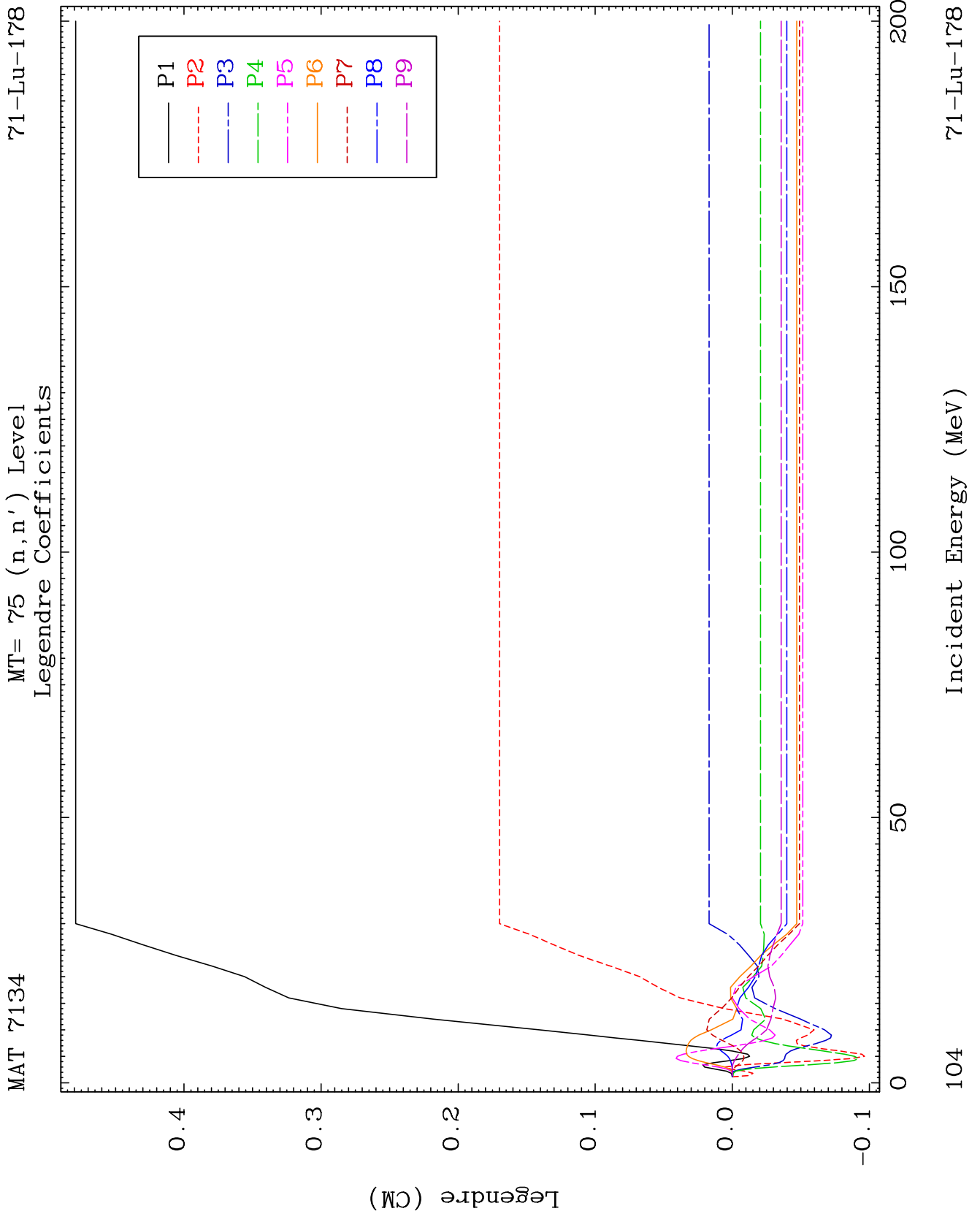
71-Lu-178



102

71-Lu-178

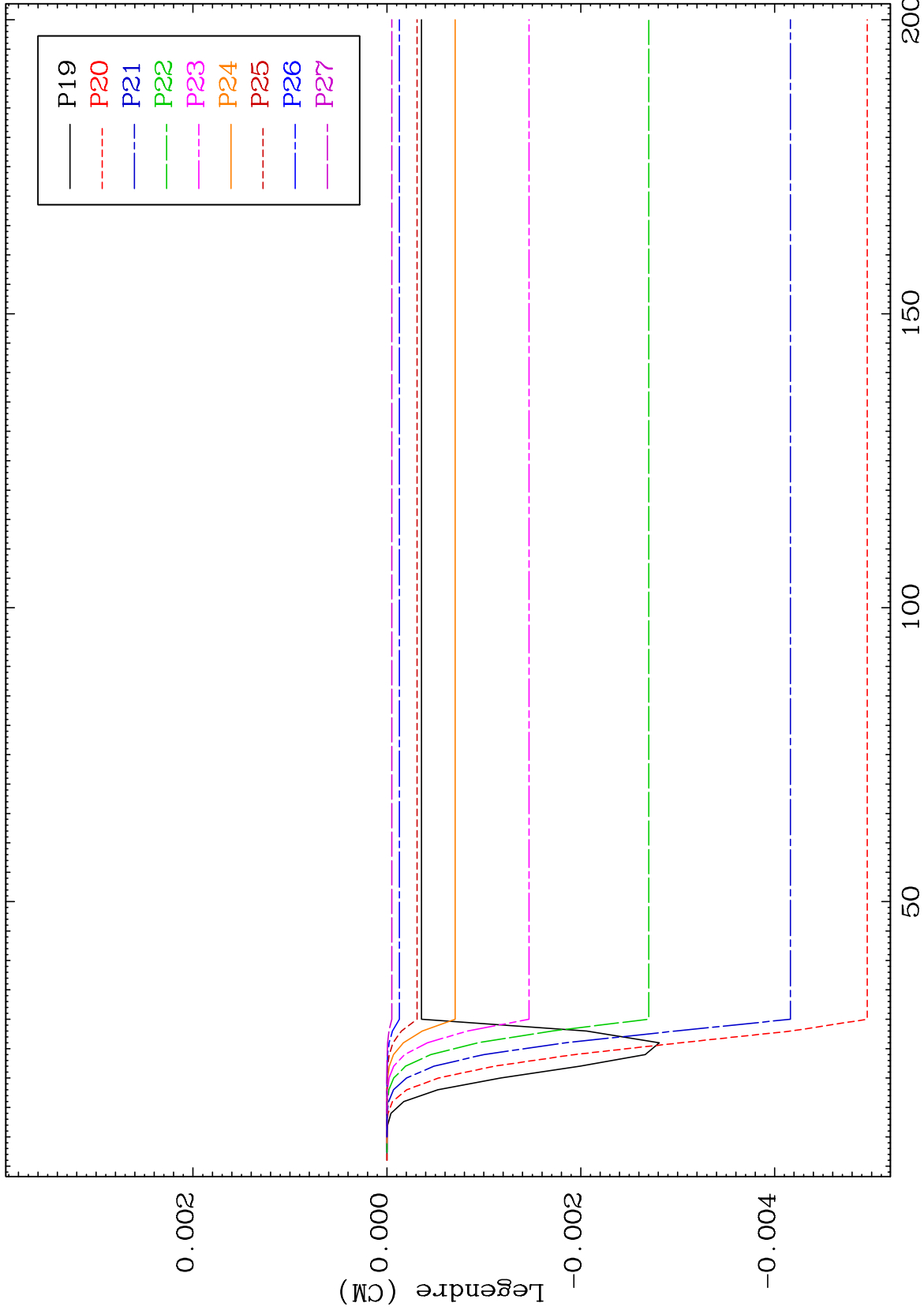




MAT 7134

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

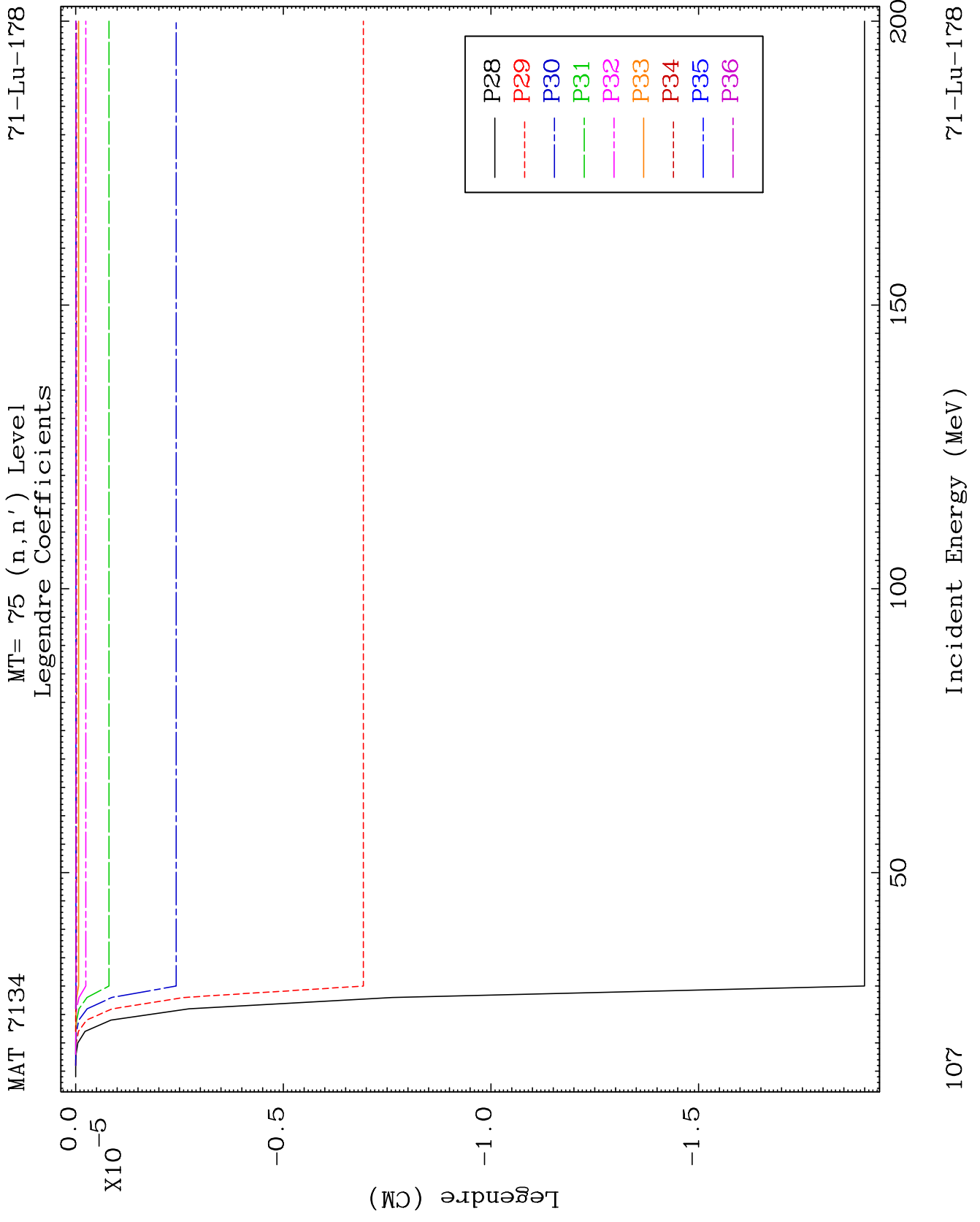
71-Lu-178

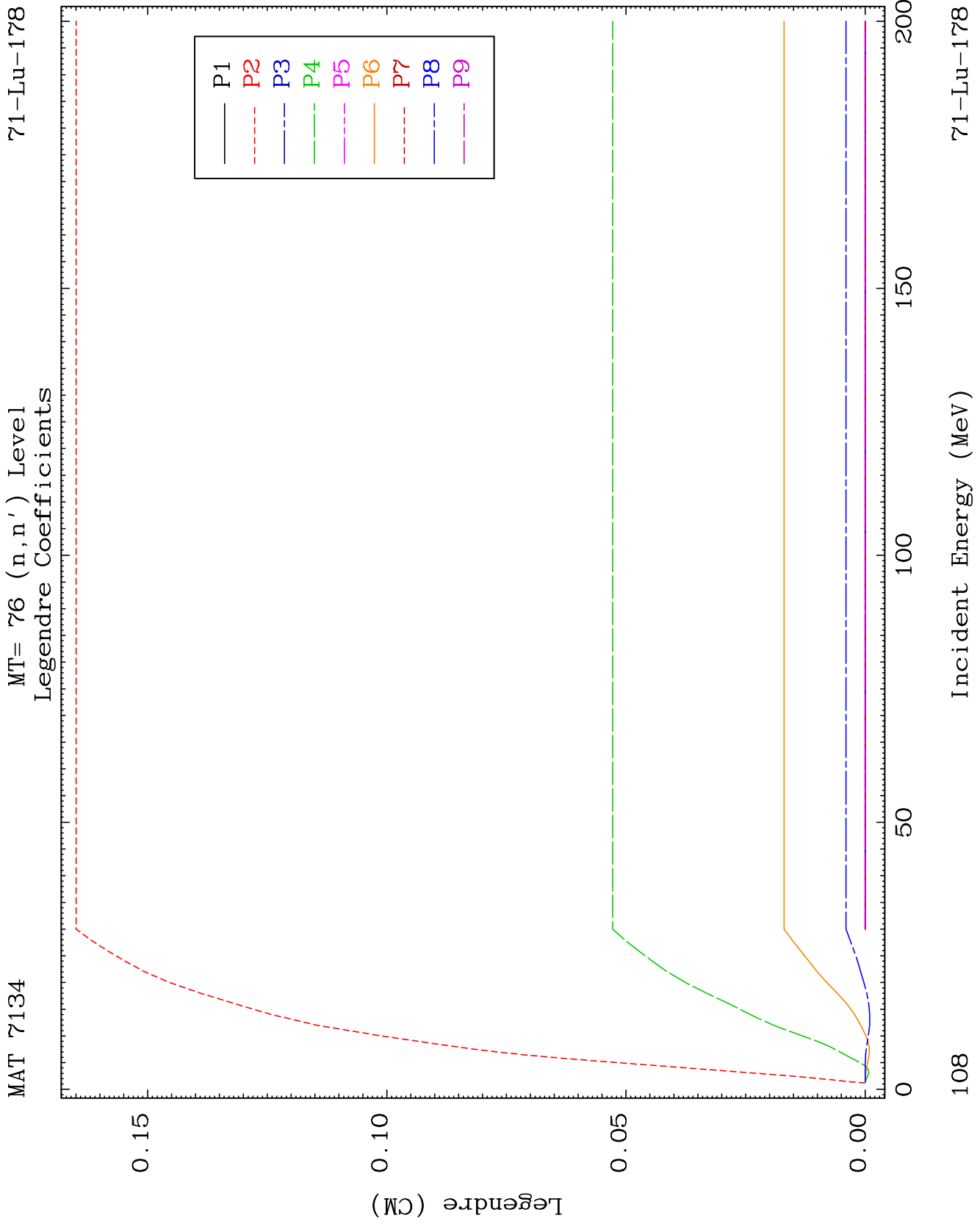


106

Incident Energy (MeV)

71-Lu-178

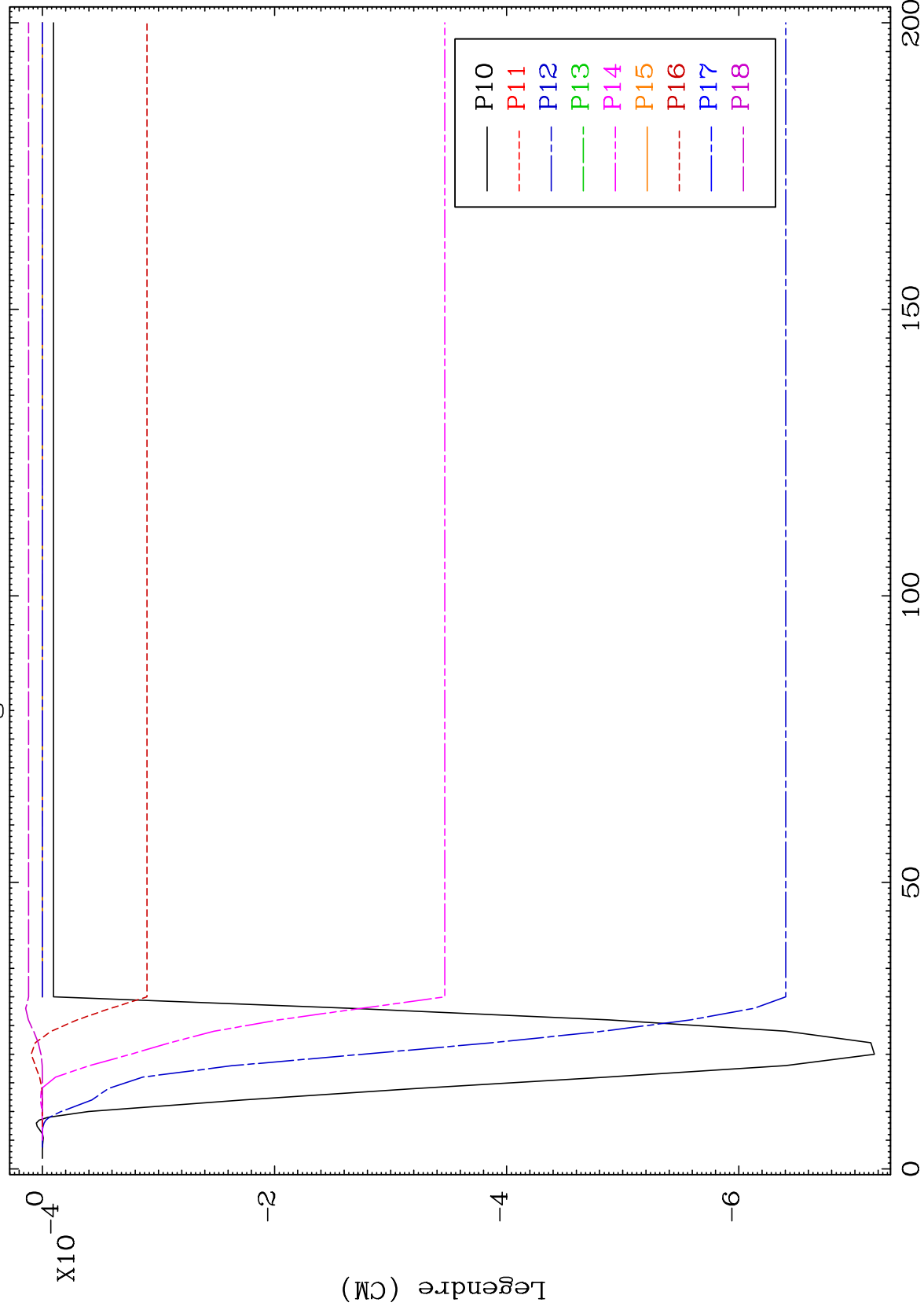




MAT 7134

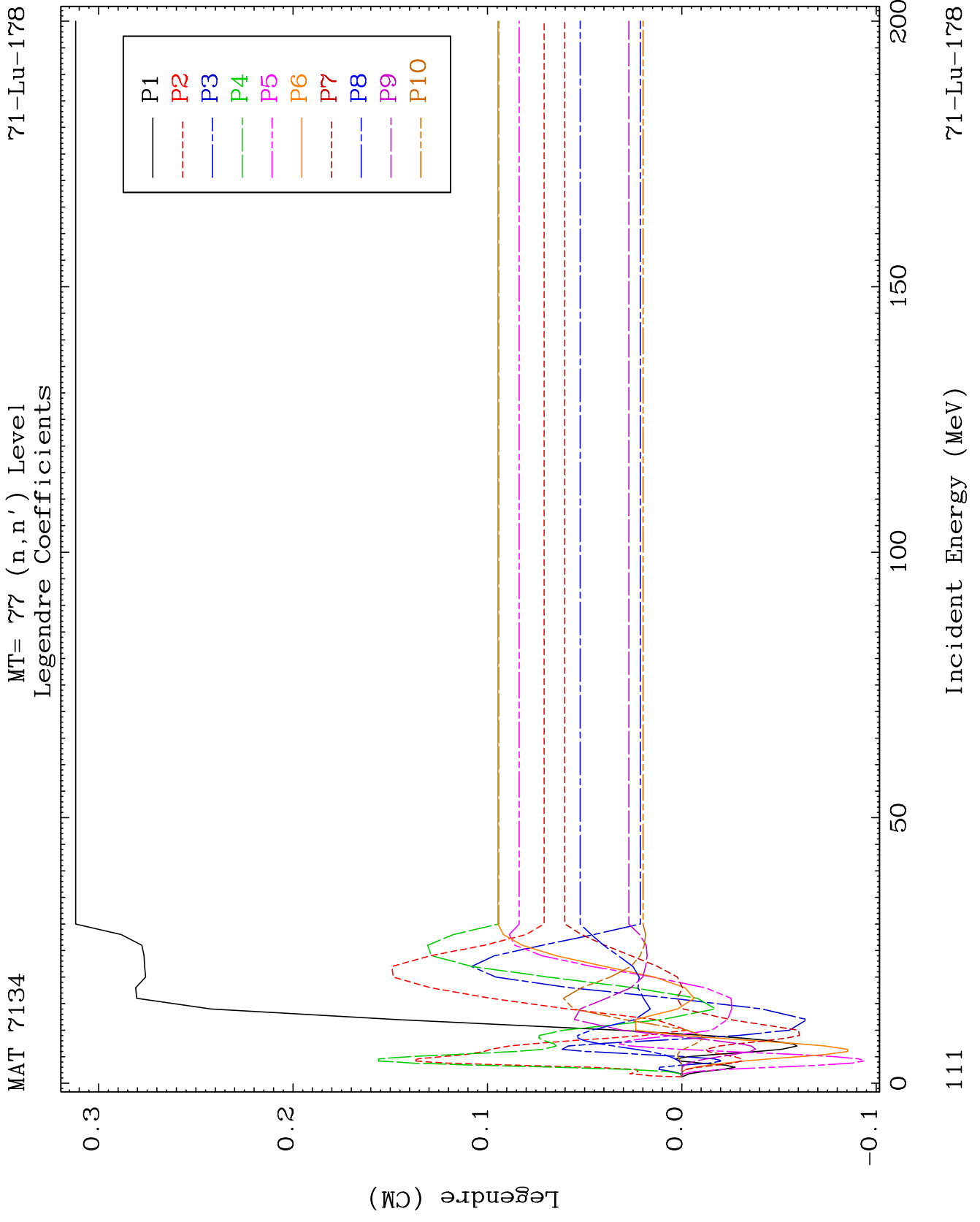
MT= 76 (n,n') Level
Legendre Coefficients

71-Lu-178



109

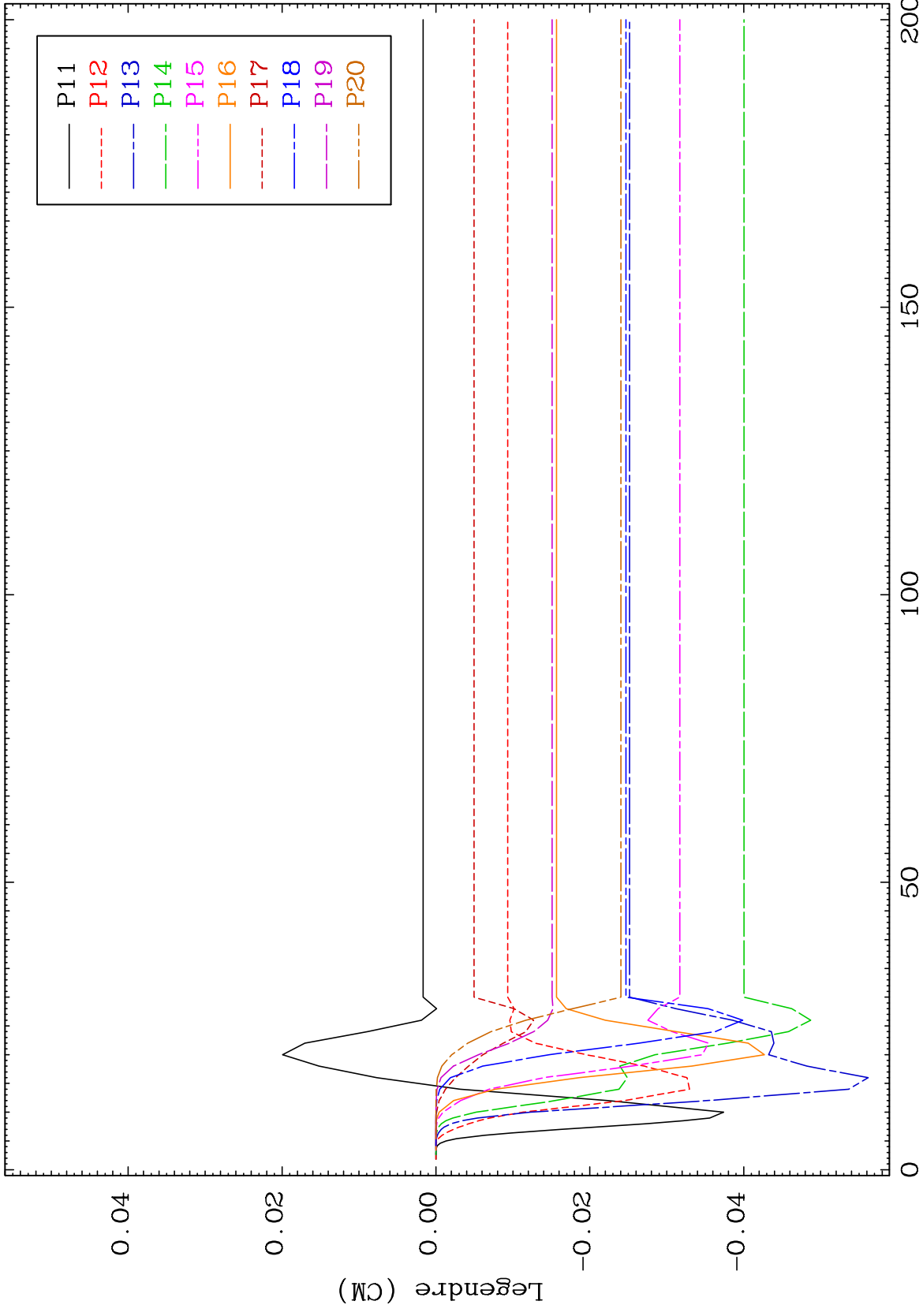
71-Lu-178



MAT 7134

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

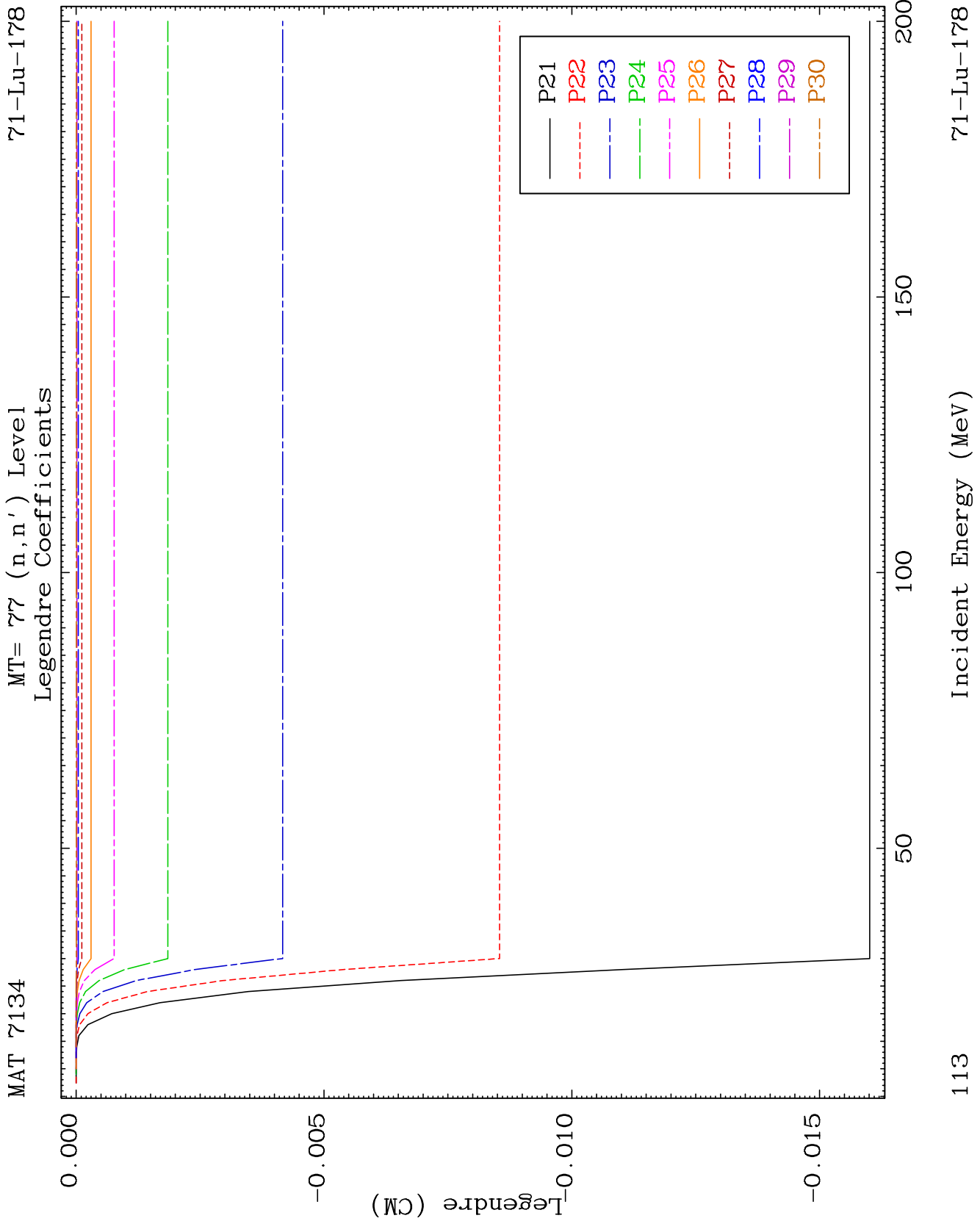
71-Lu-178

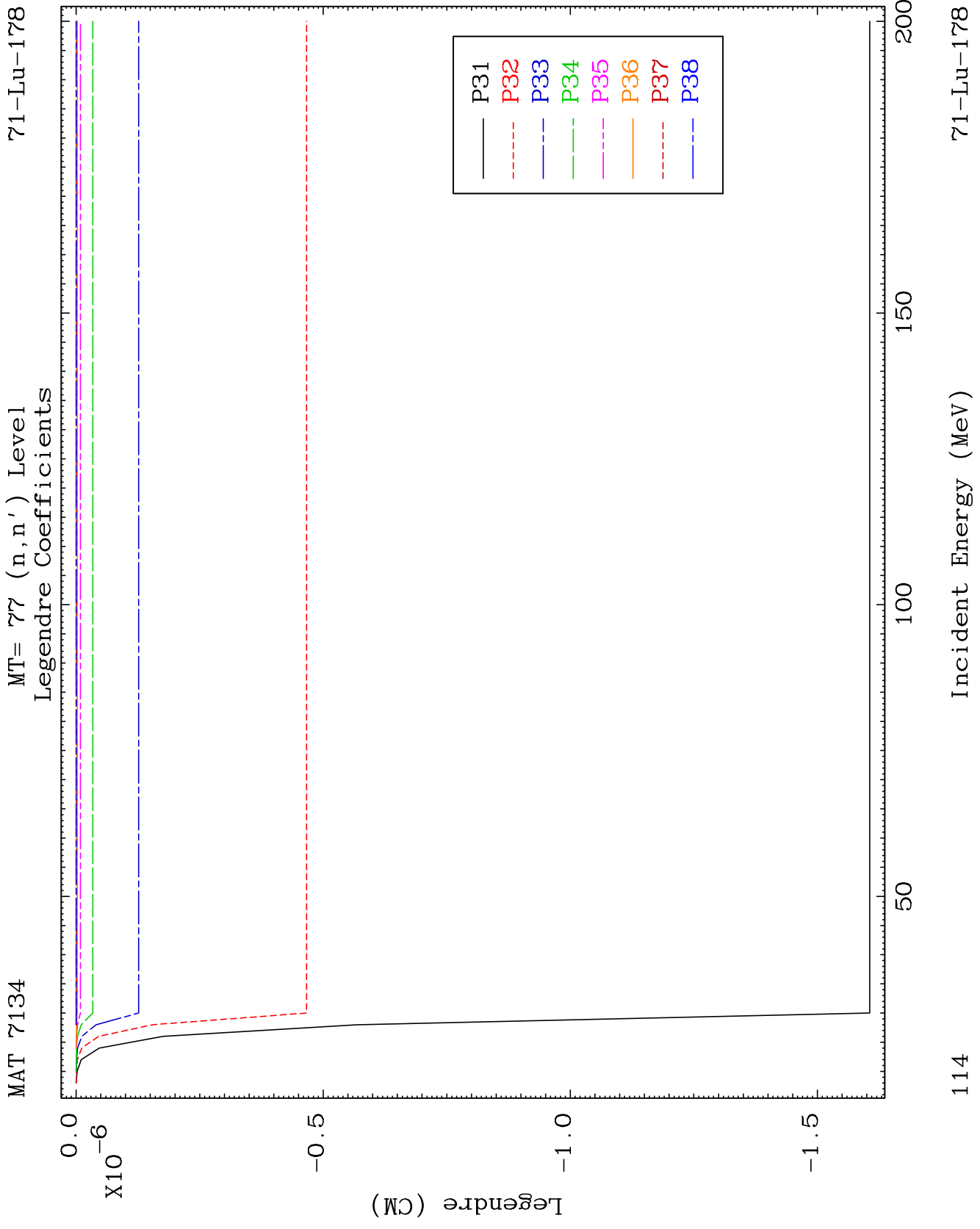


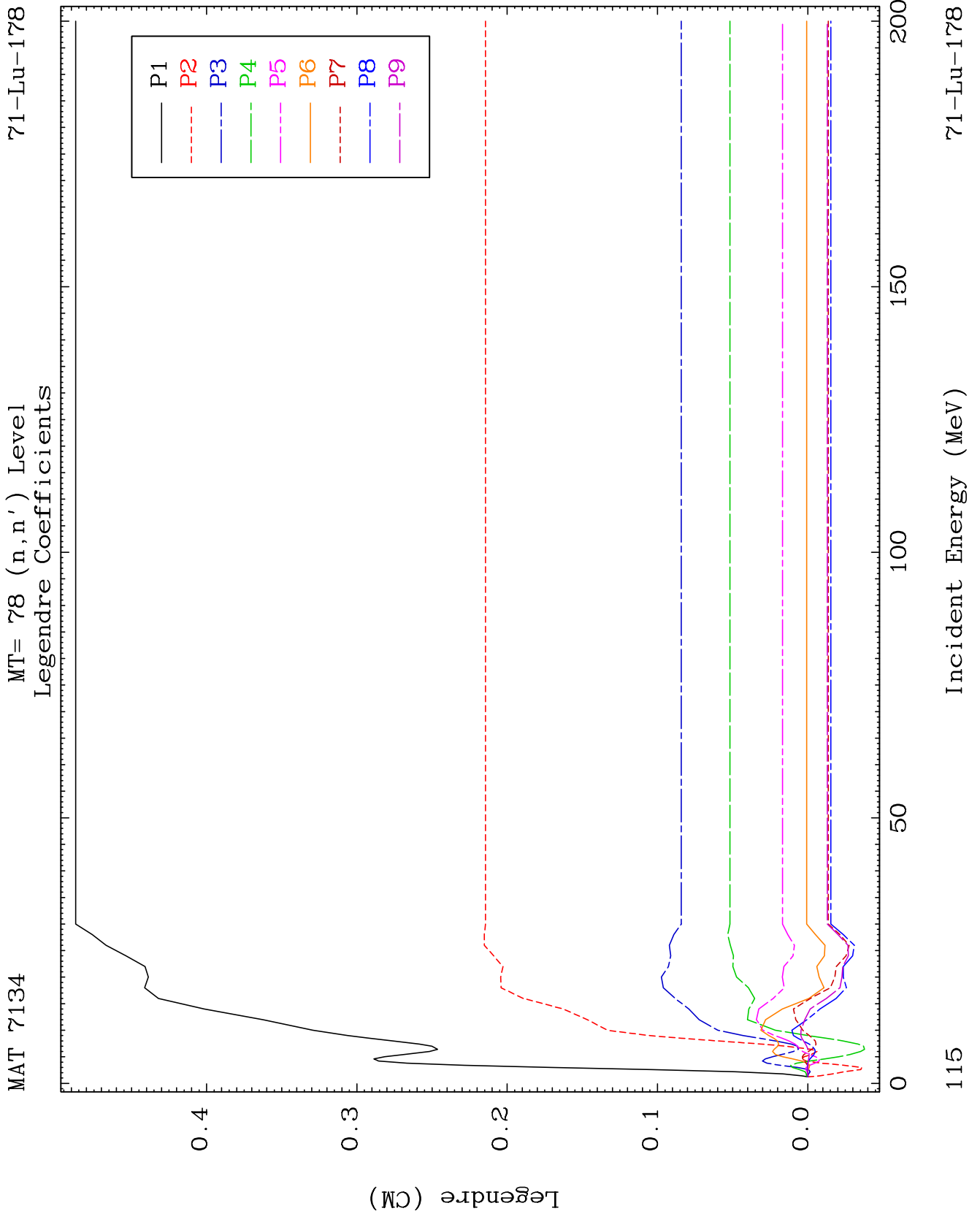
112

Incident Energy (MeV)

71-Lu-178



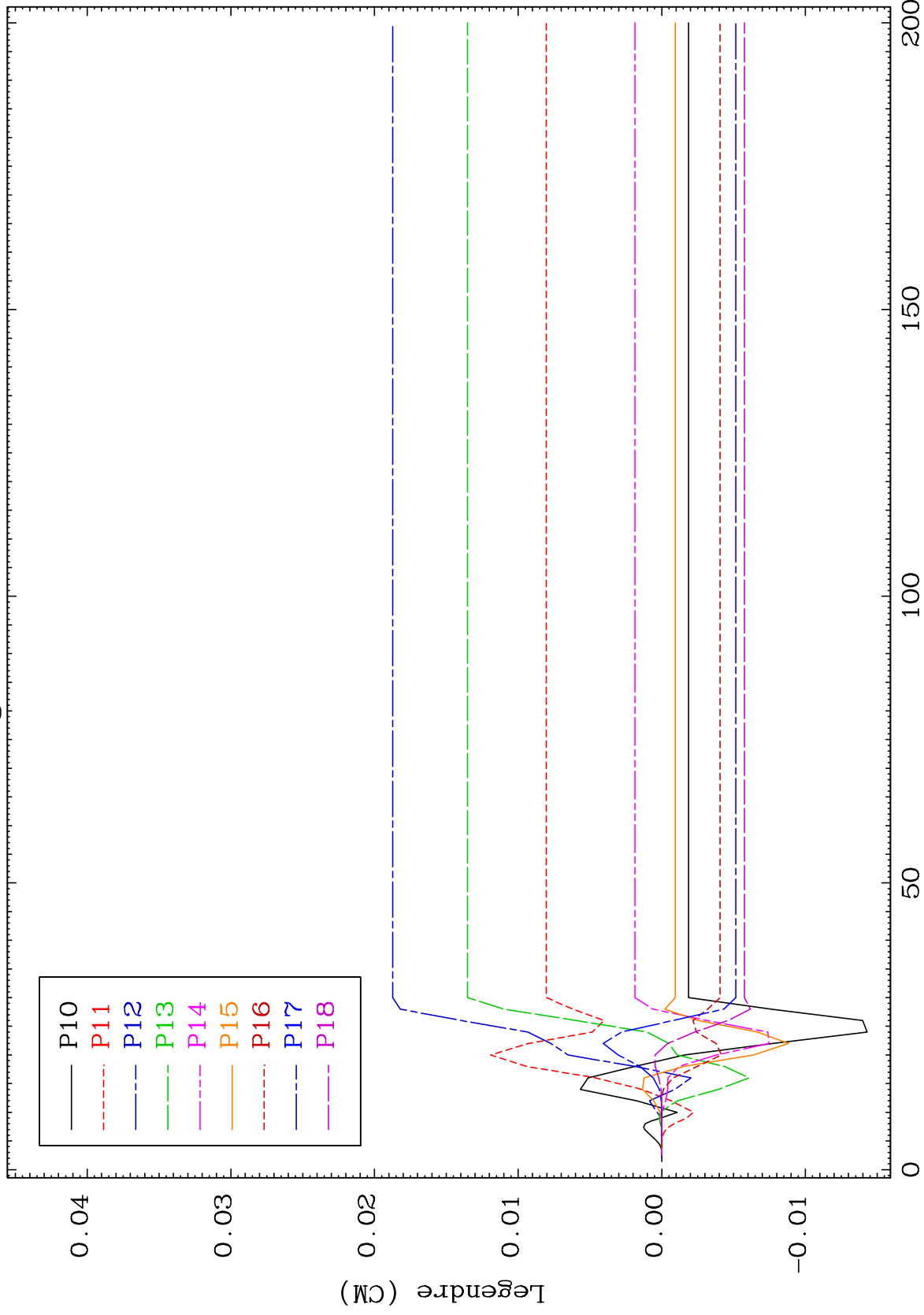




MAT 7134

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

71-Lu-178



116

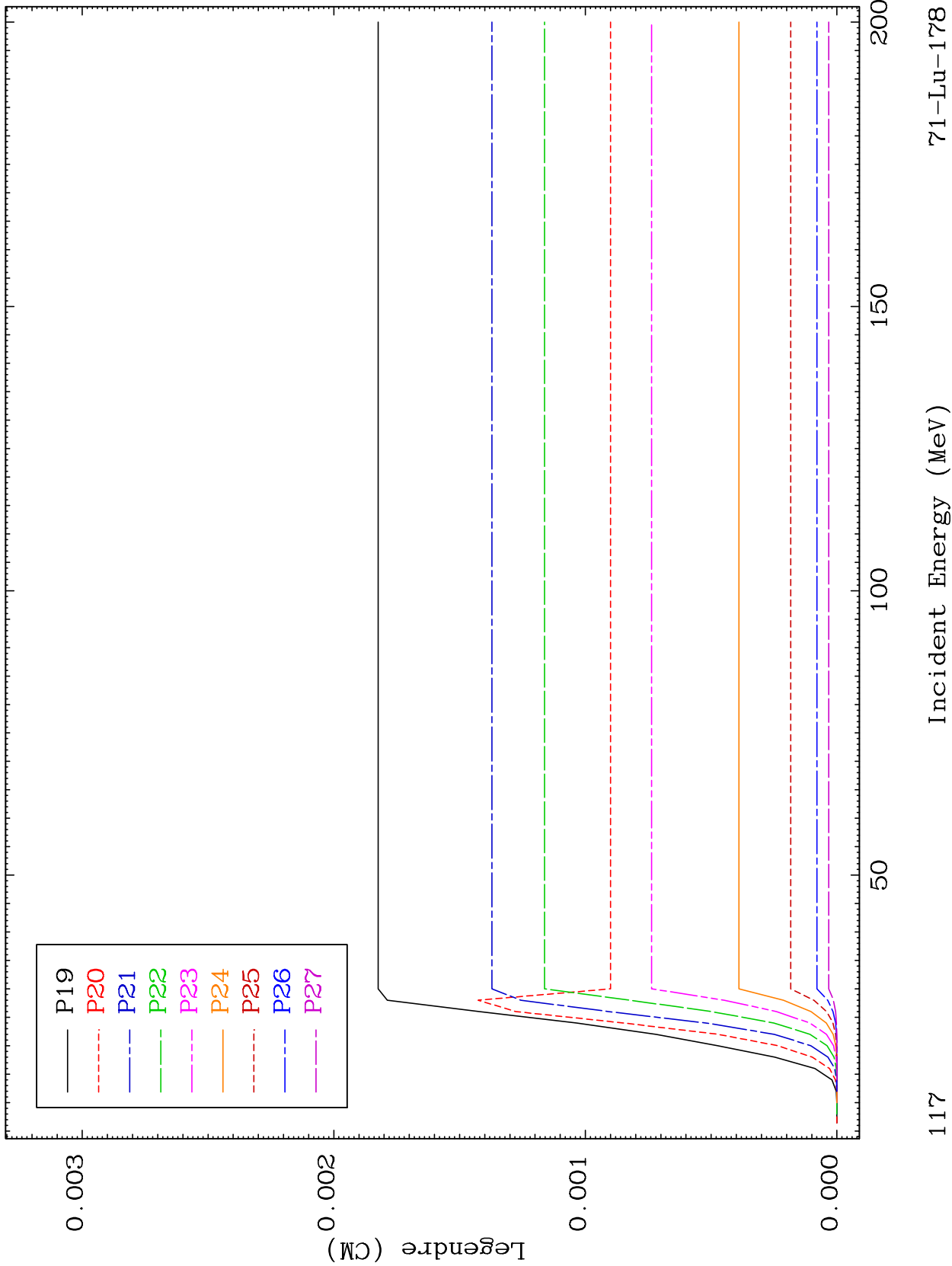
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178

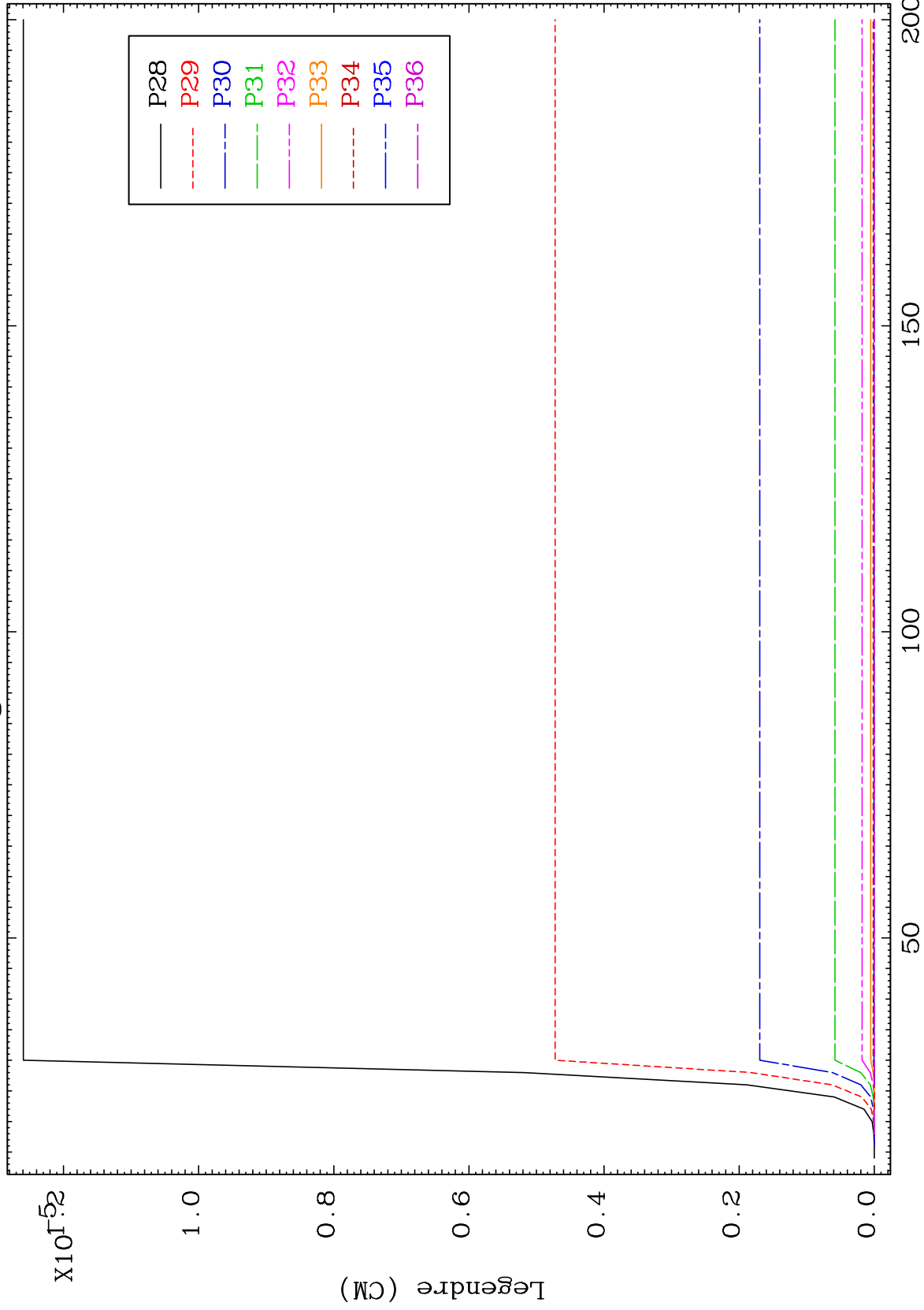


117

MAT 7134

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

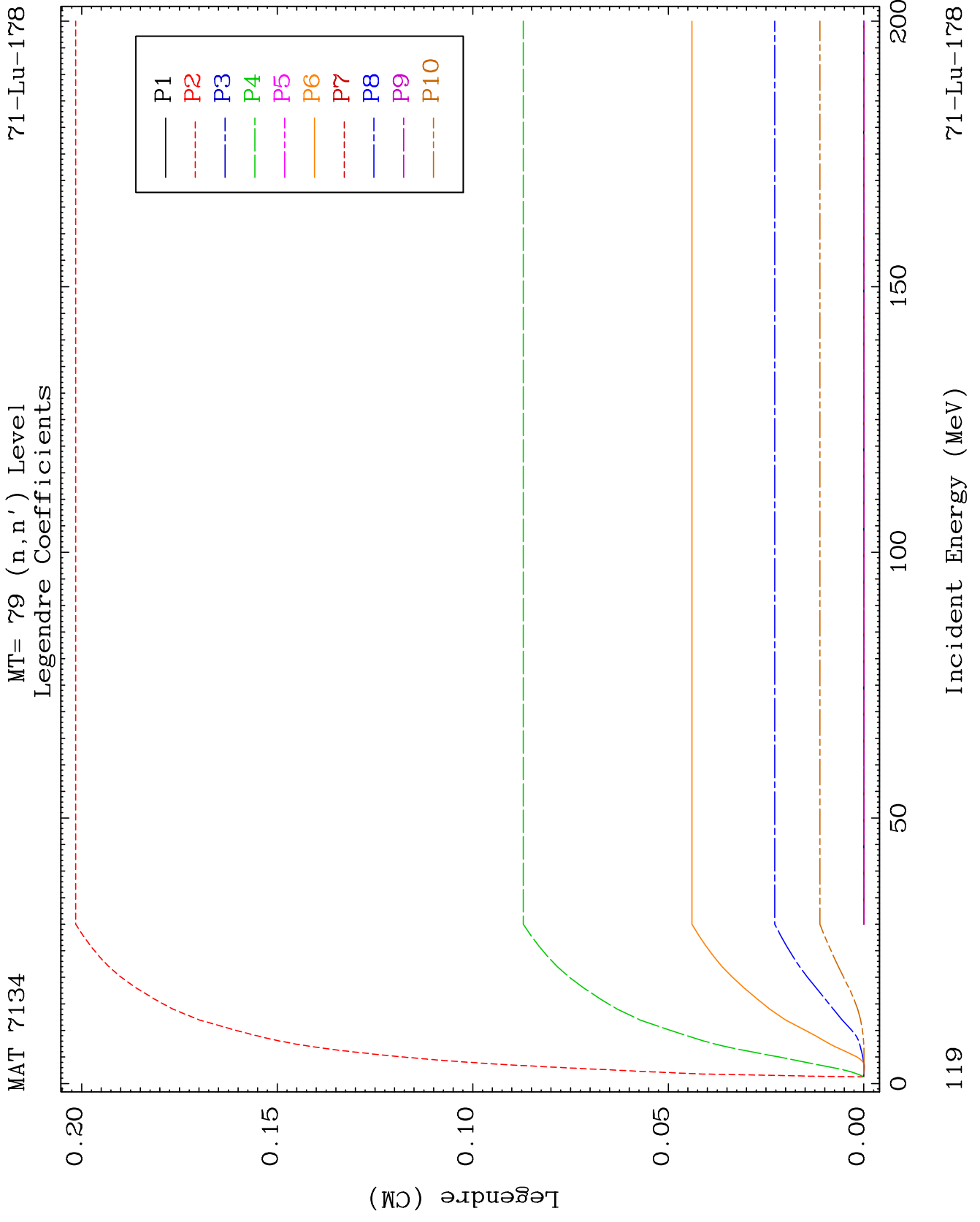
71-Lu-178

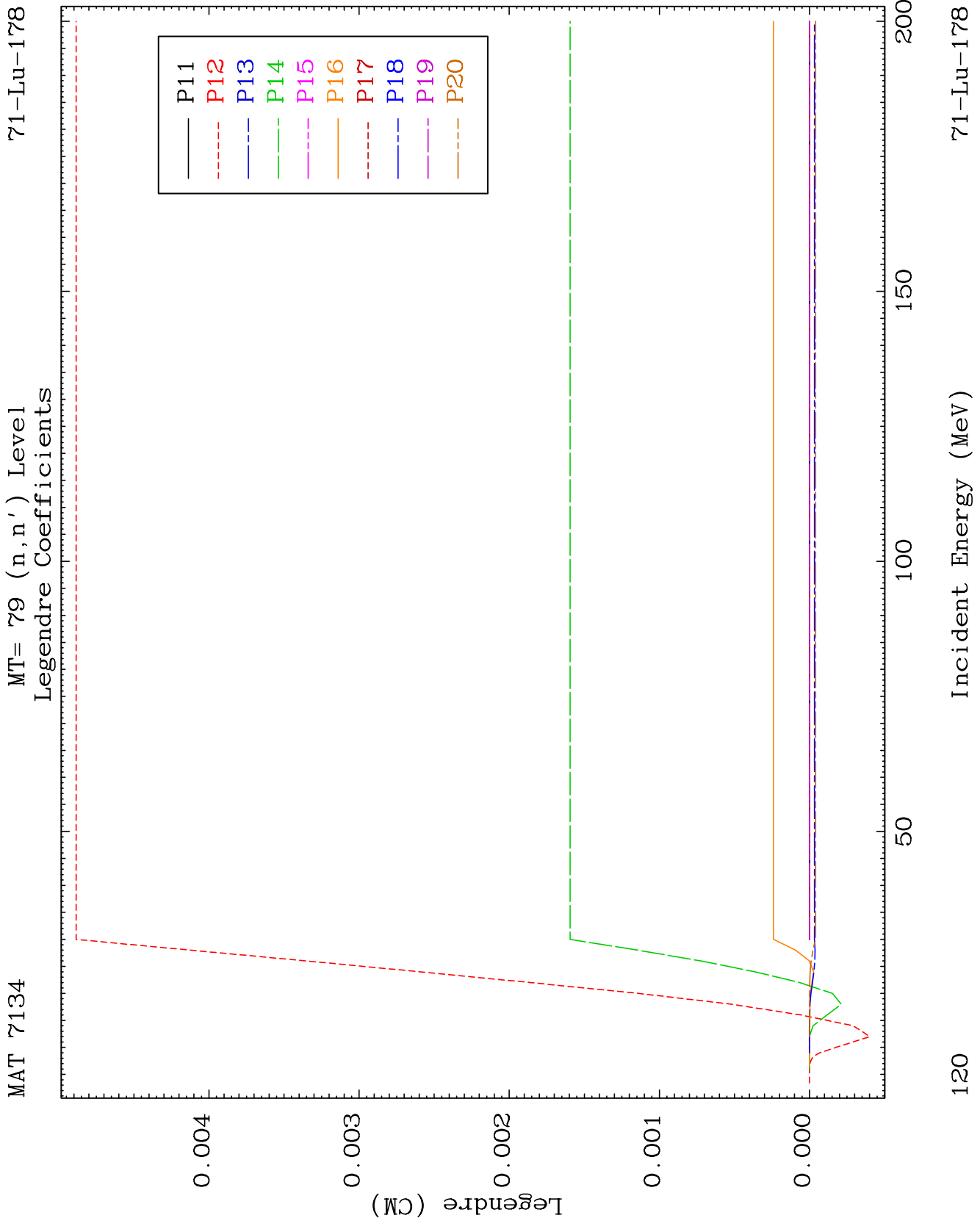


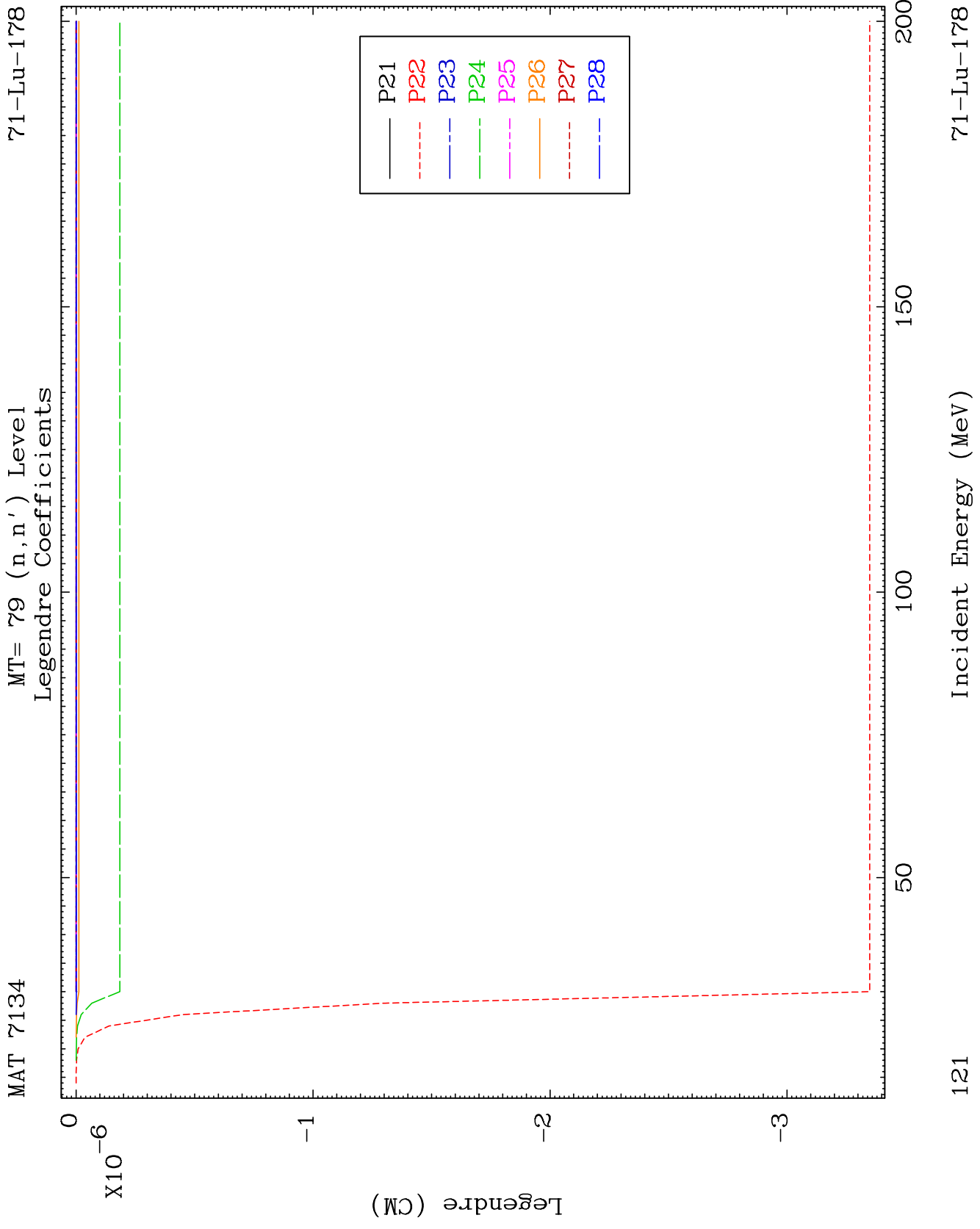
118

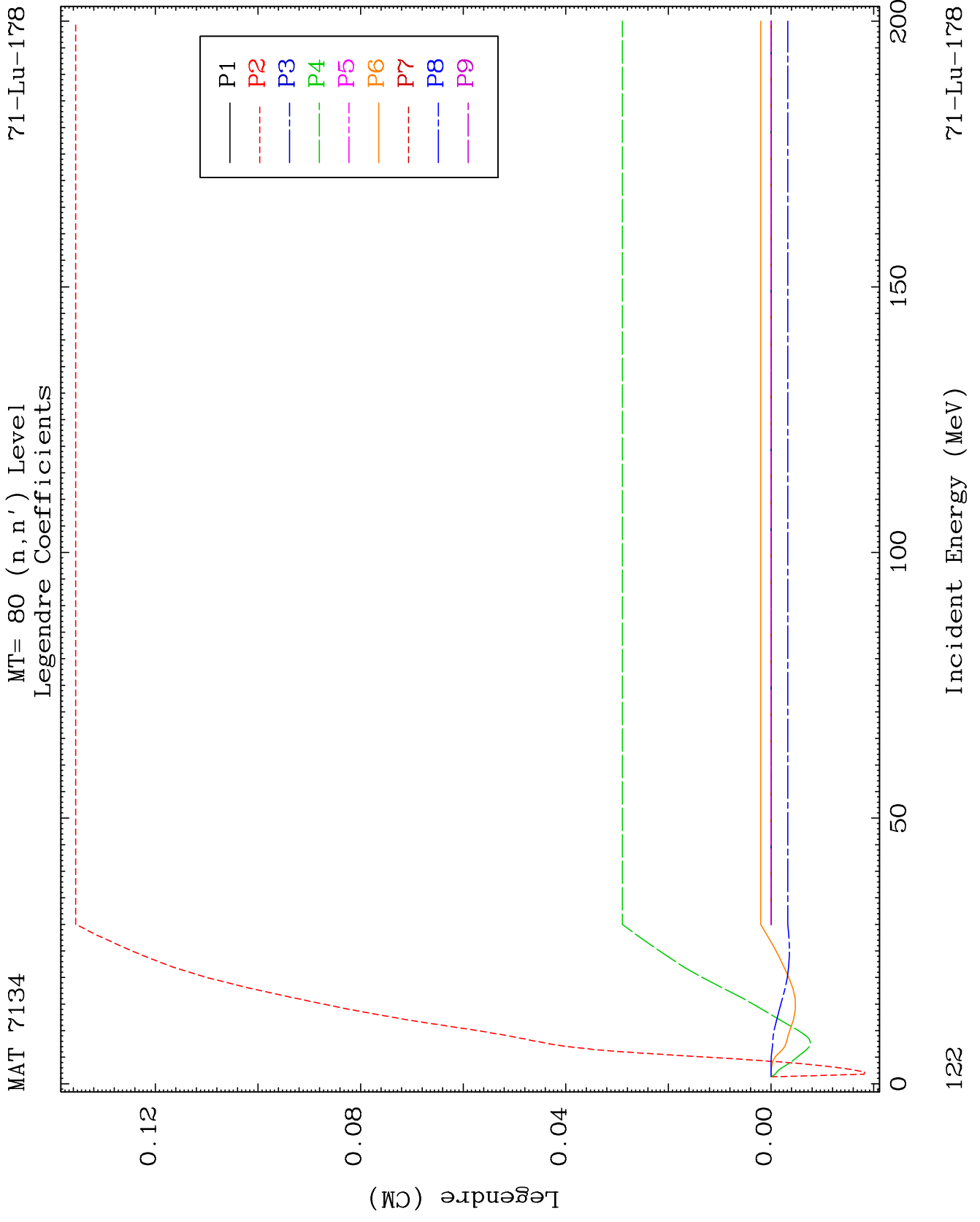
Incident Energy (MeV)

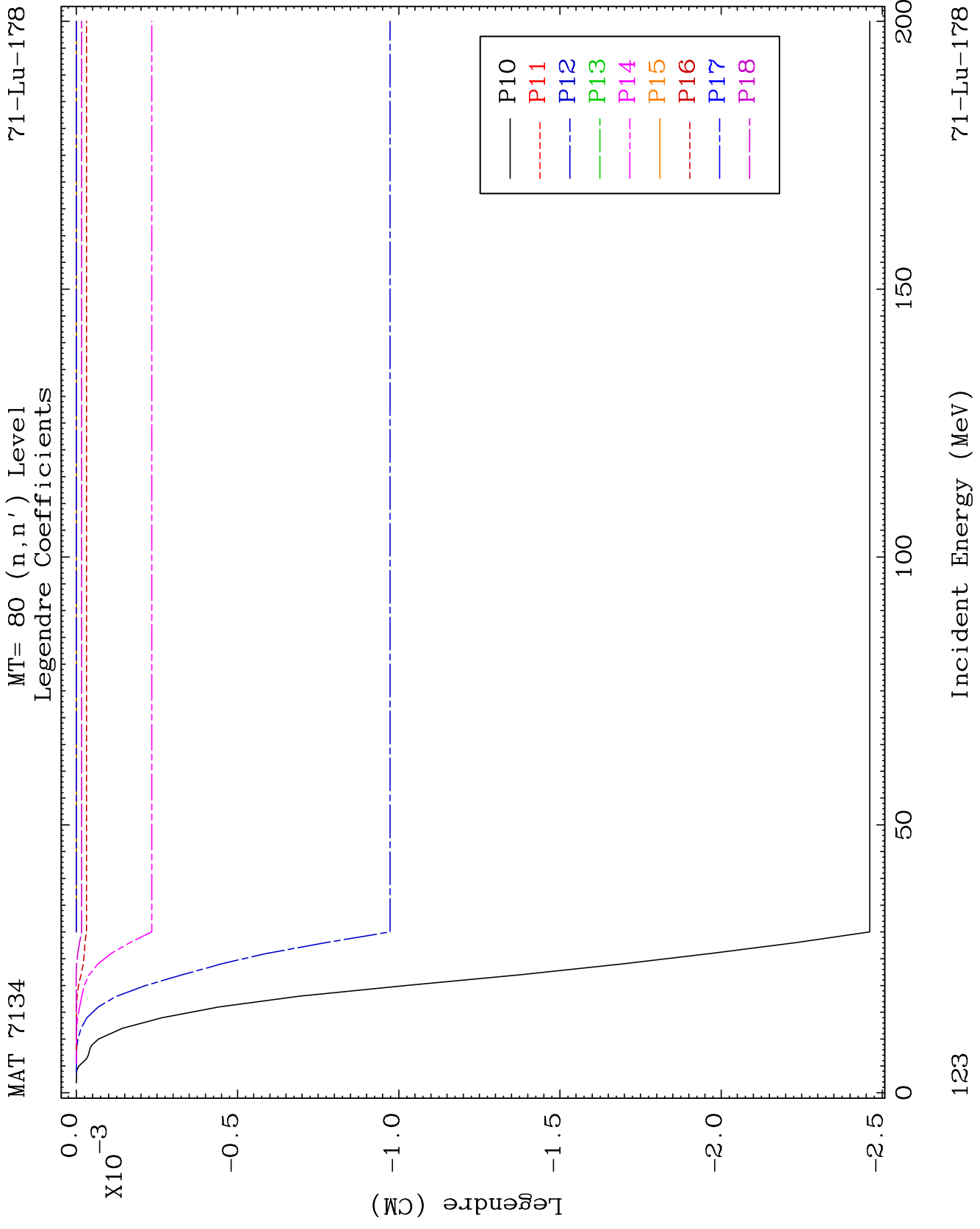
71-Lu-178







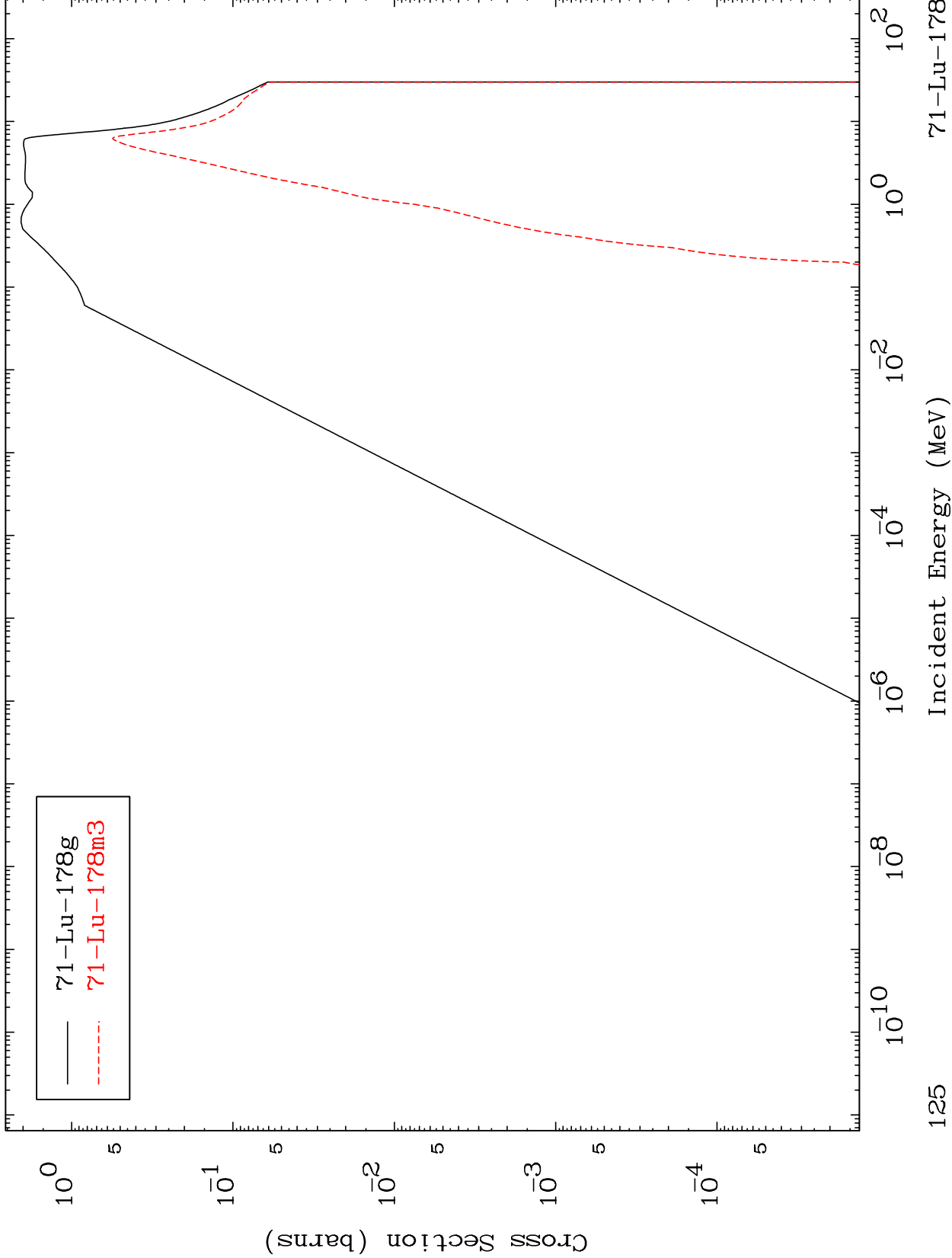




MAT 7134

Radionuclide Production Cross Section

⁷¹Lu-178



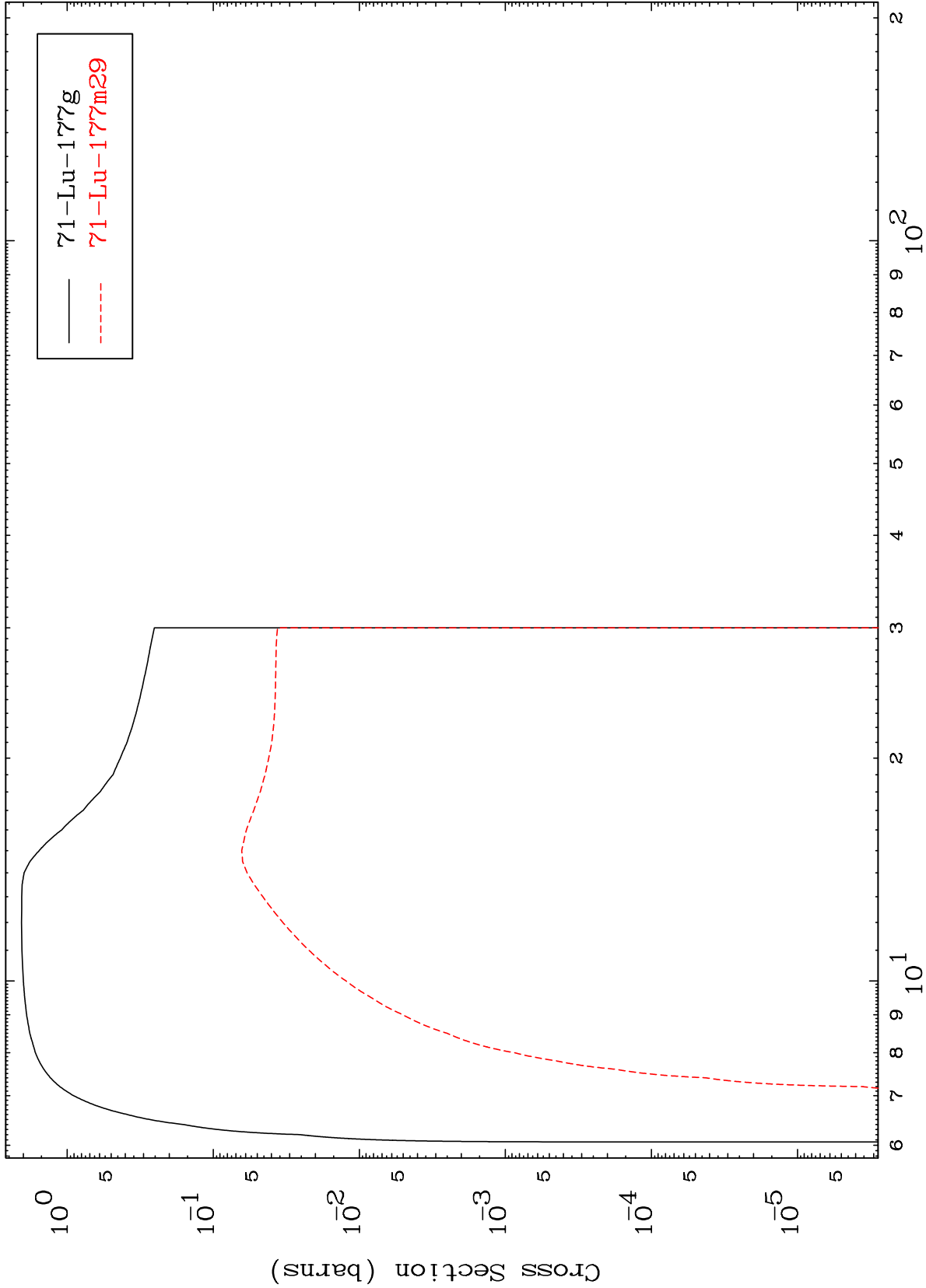
— ⁷¹Lu-178g
- - - ⁷¹Lu-178m3

MAT 7134

(n,2n)

71-Lu-178

Radionuclide Production Cross Section



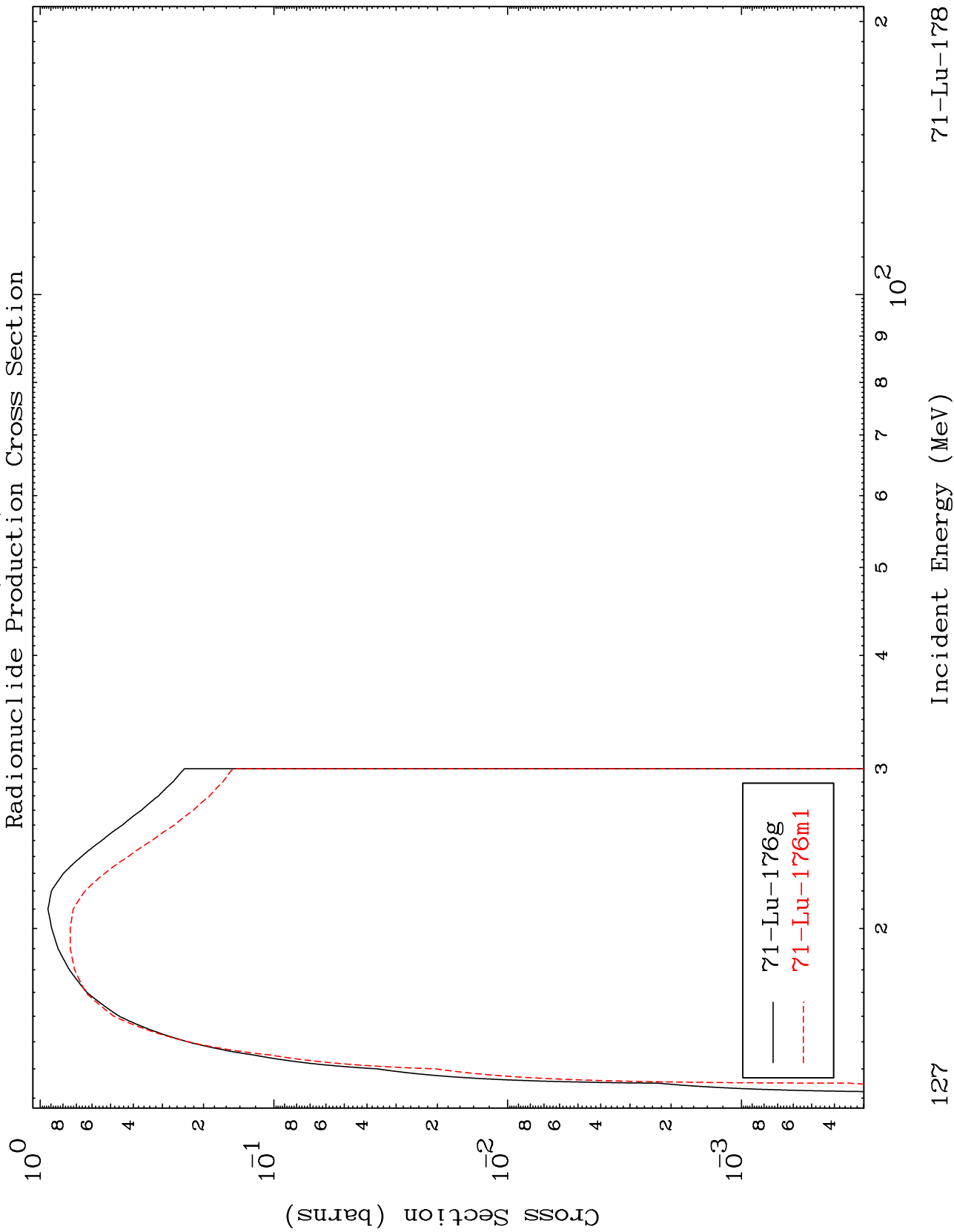
126

Incident Energy (MeV)

71-Lu-178

MAT 7134

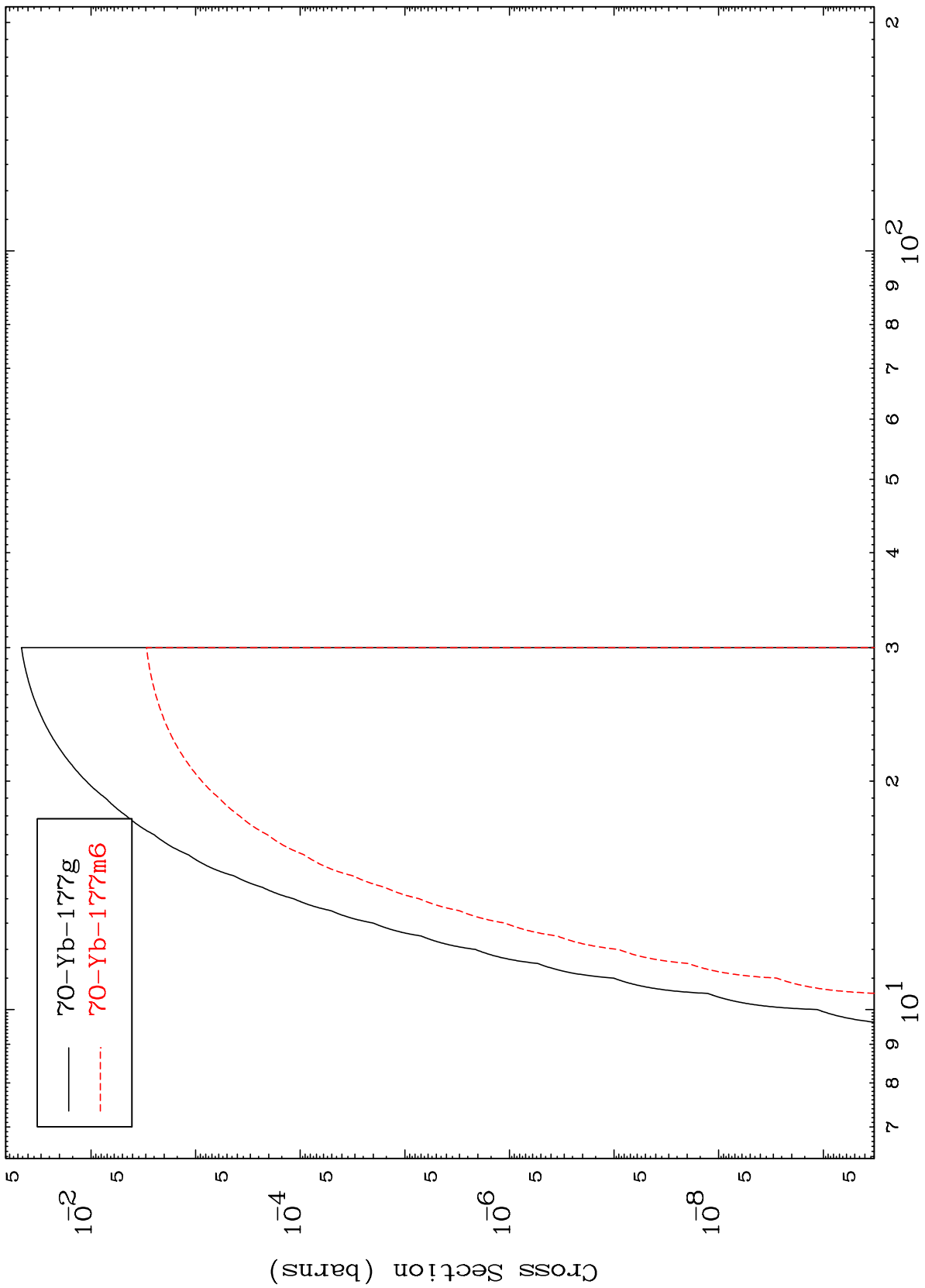
71-Lu-178



MAT 7134

71-Lu-178

(n,n') p
Radionuclide Production Cross Section



128

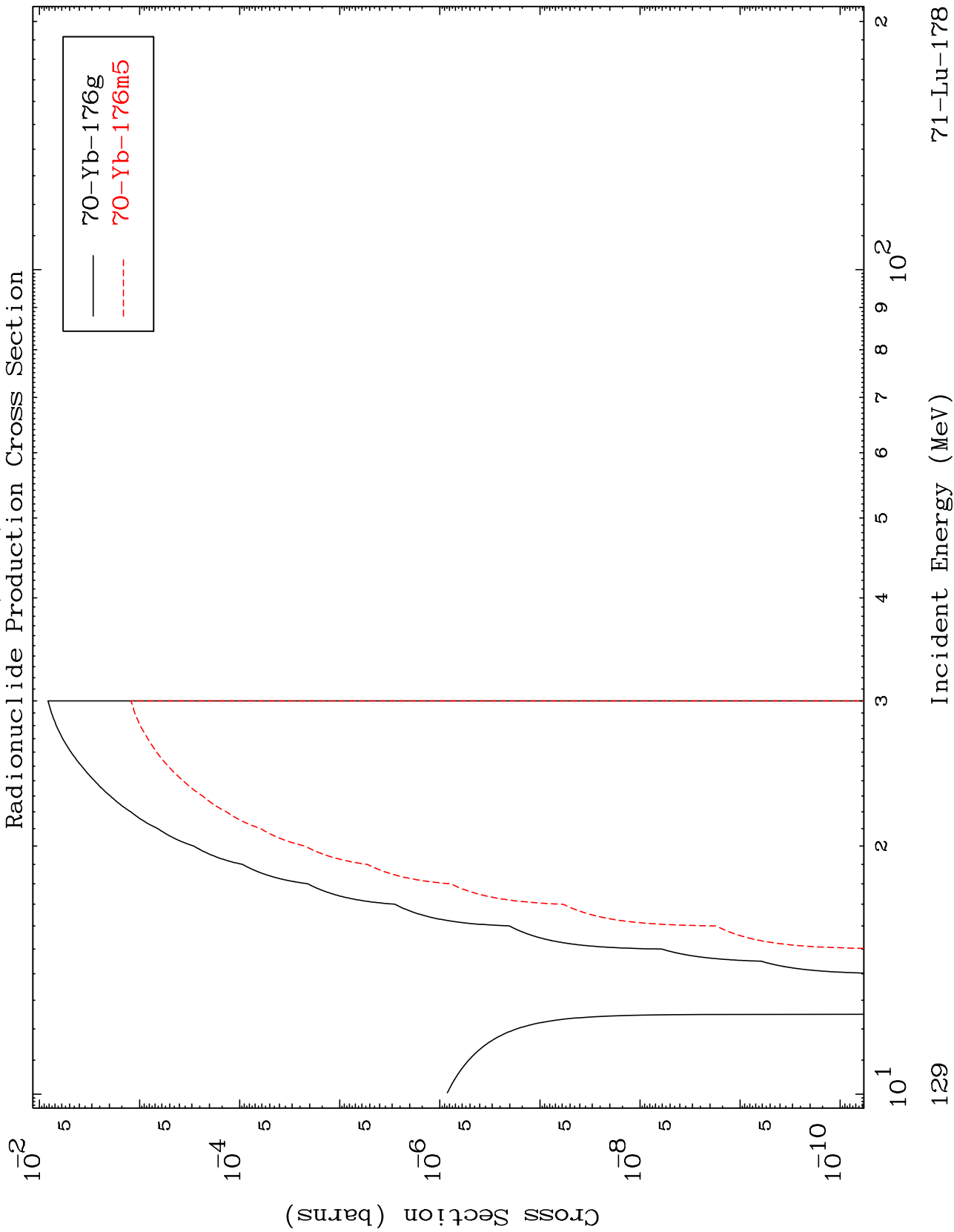
71-Lu-178

71-Lu-178

MAT 7134

(n,n') d

71-Lu-178

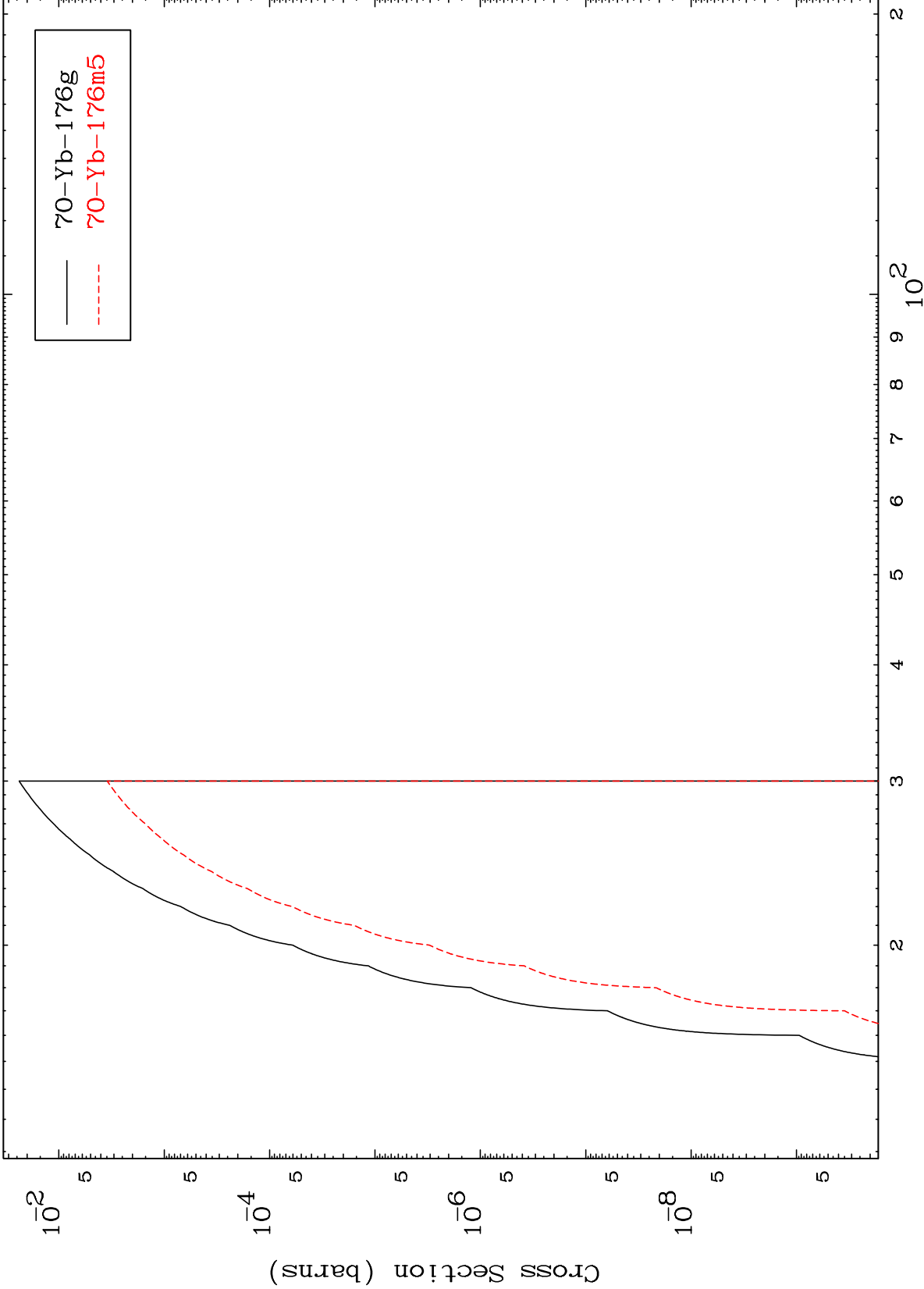


MAT 7134

(n,2n) p

71-Lu-178

Radionuclide Production Cross Section



70-Yb-176g
70-Yb-176m5

130

Incident Energy (MeV)

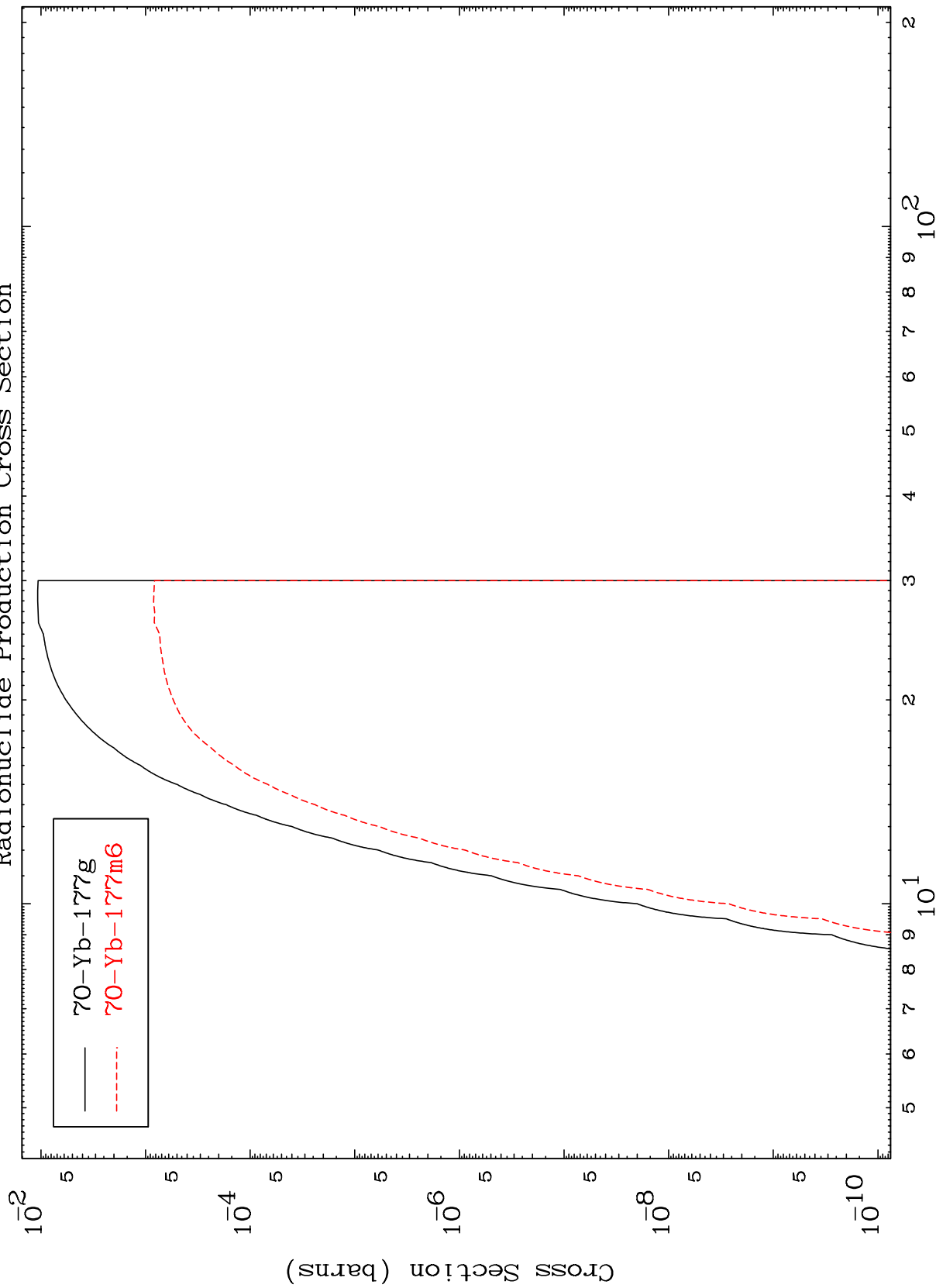
71-Lu-178

MAT 7134

(n,d)

⁷¹Lu-178

Radionuclide Production Cross Section



— ⁷⁰Yb-177g
- - - ⁷⁰Yb-177m6

131

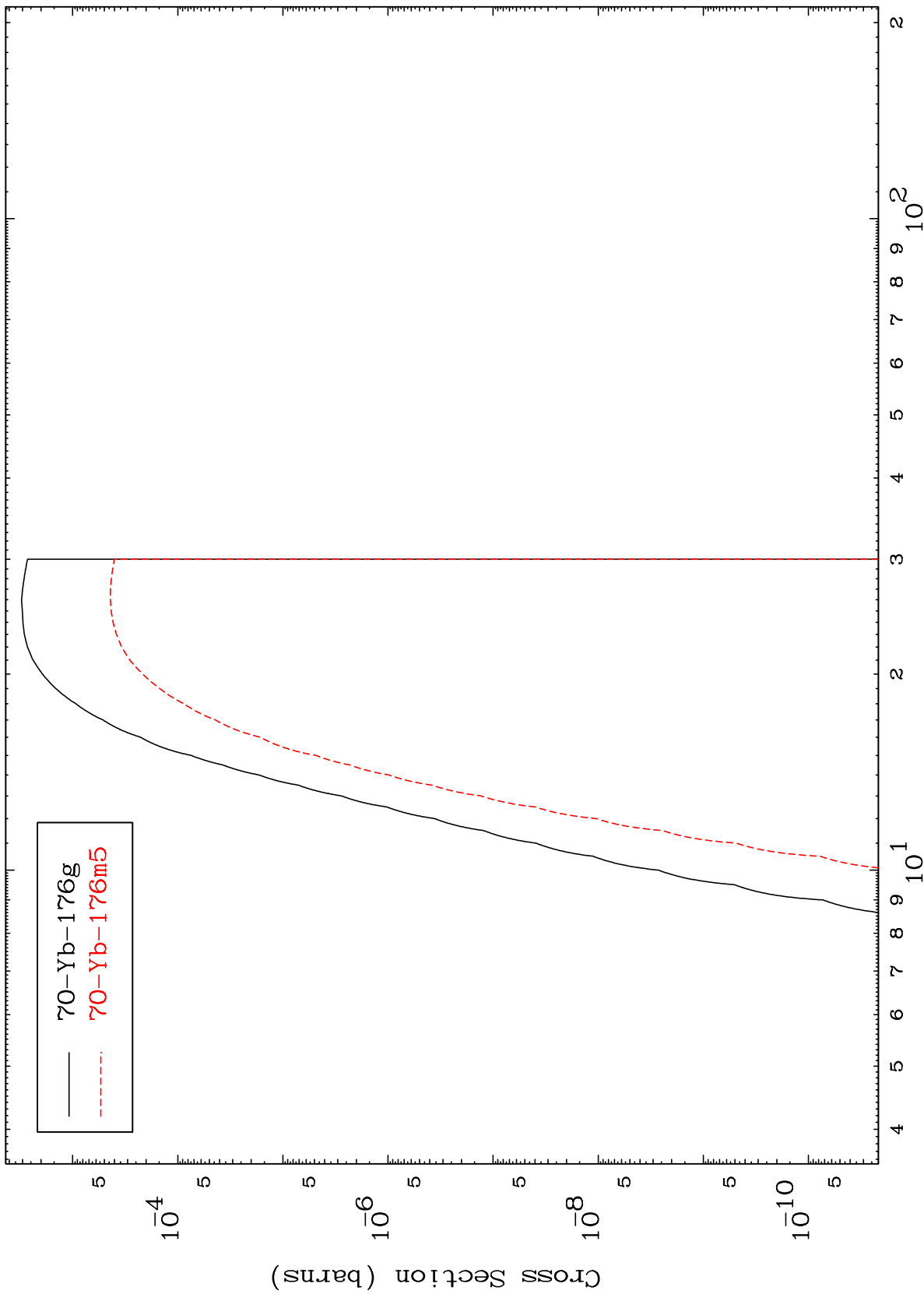
Incident Energy (MeV)

⁷¹Lu-178

MAT 7134

71-Lu-178

(n, t)
Radionuclide Production Cross Section



132

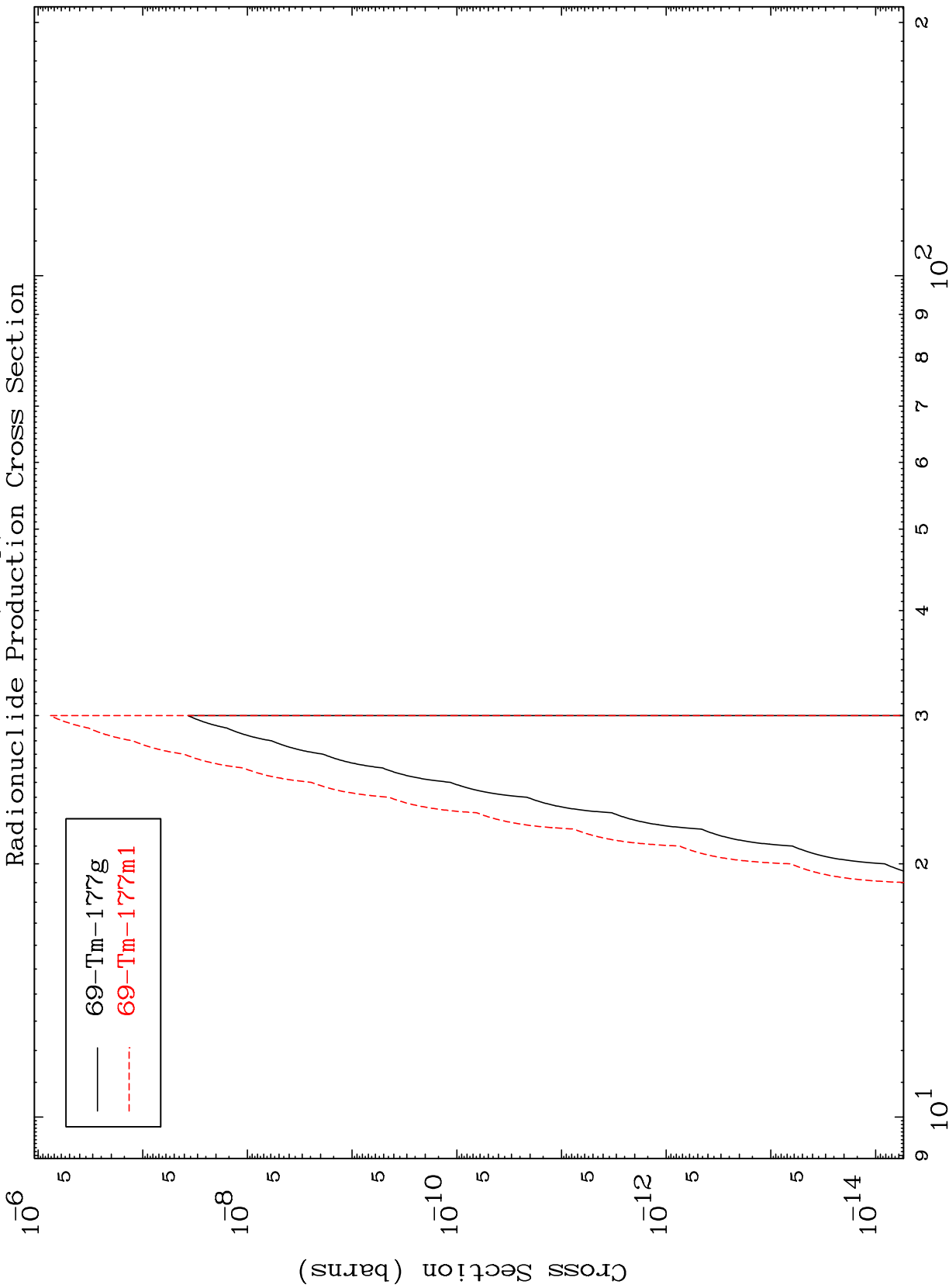
Incident Energy (MeV)

71-Lu-178

MAT 7134

71-Lu-178

(n,2p)
Radionuclide Production Cross Section



133

71-Lu-178