

Program EVALPLOT
(Version 2015-2)

by

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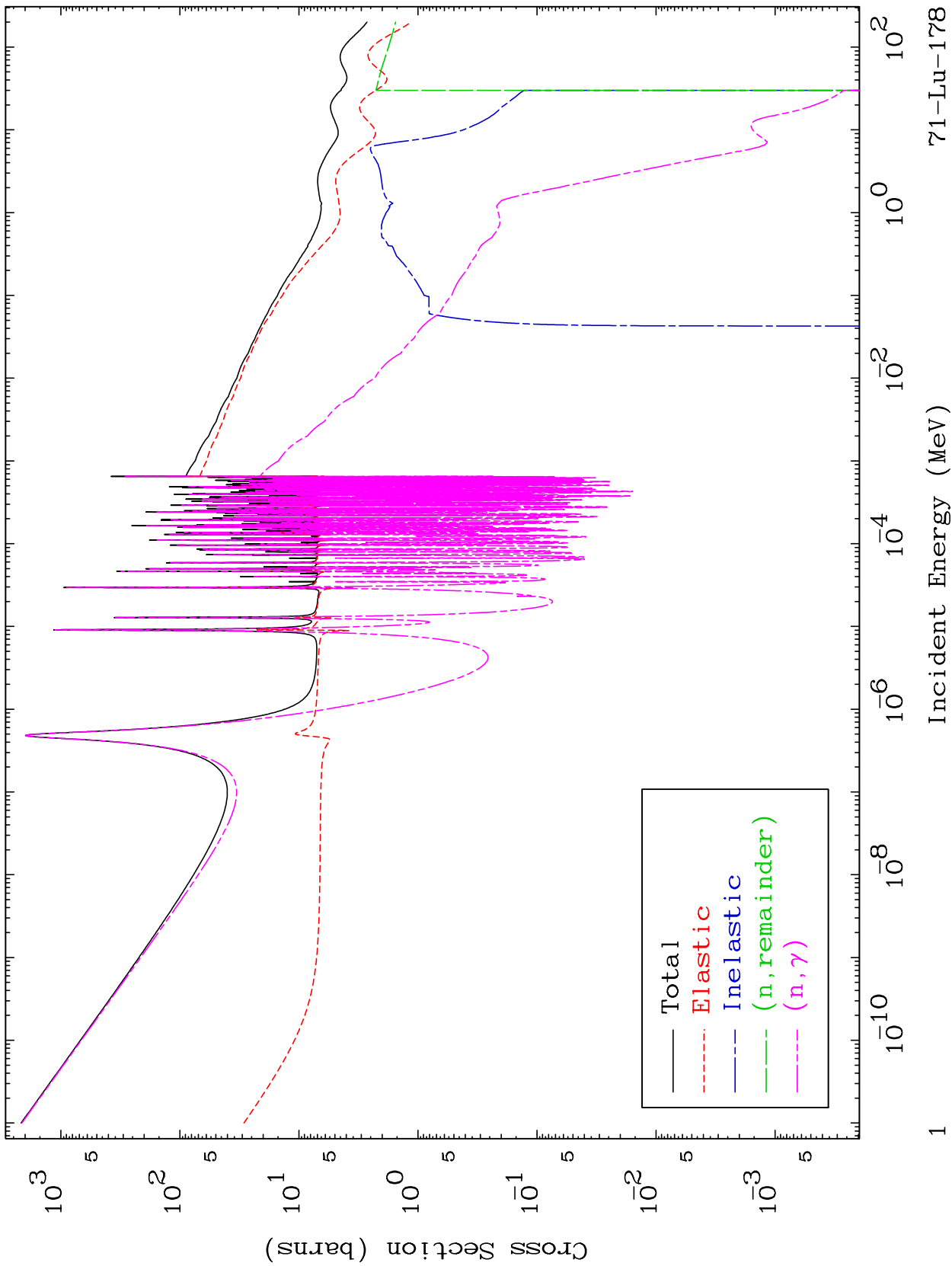
Press Mouse Button to Start

MAT 7134

Major

293 Kelvin Cross Sections

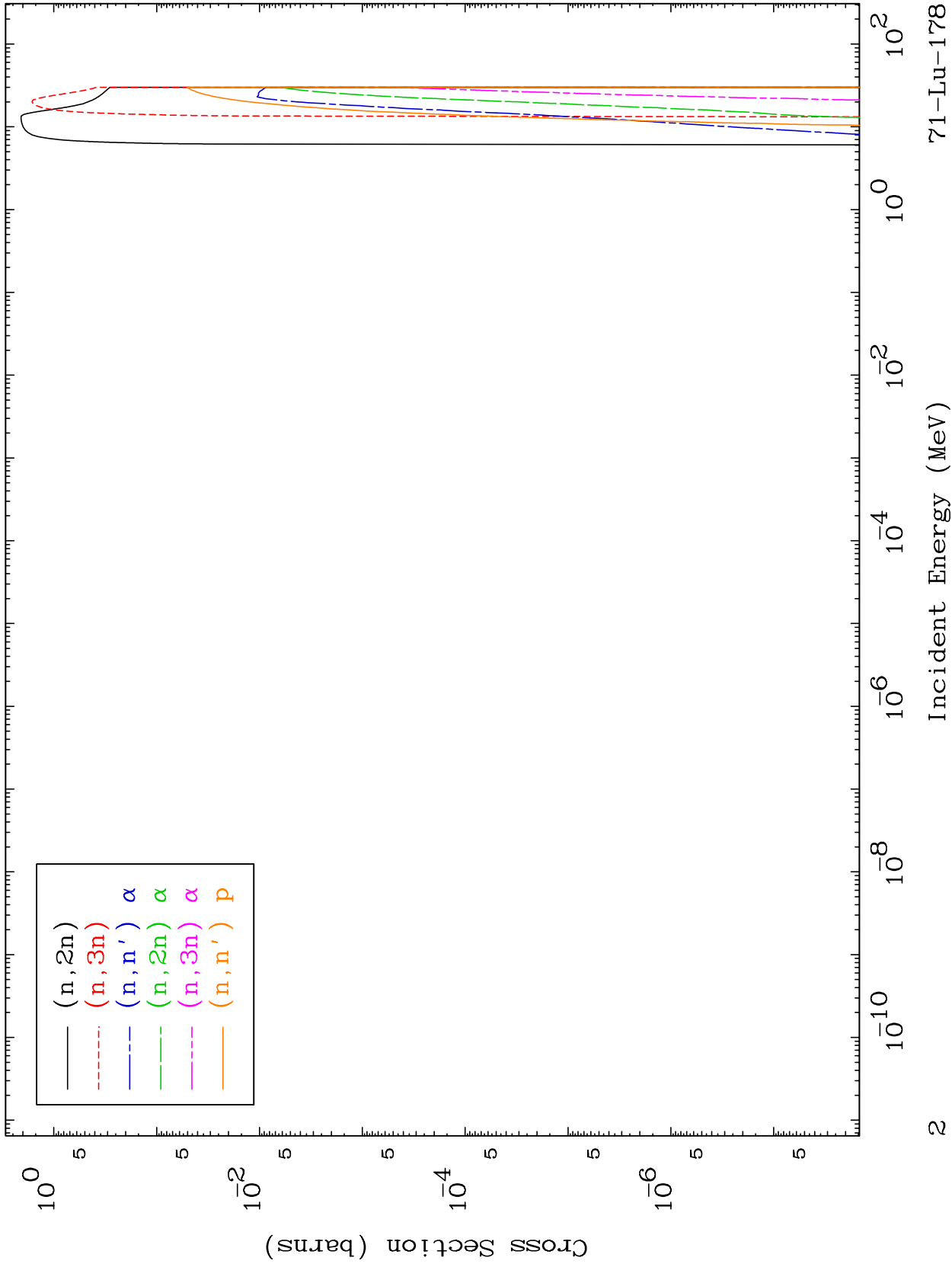
71-Lu-178



MAT 7134

Neutron Production
293 Kelvin Cross Sections

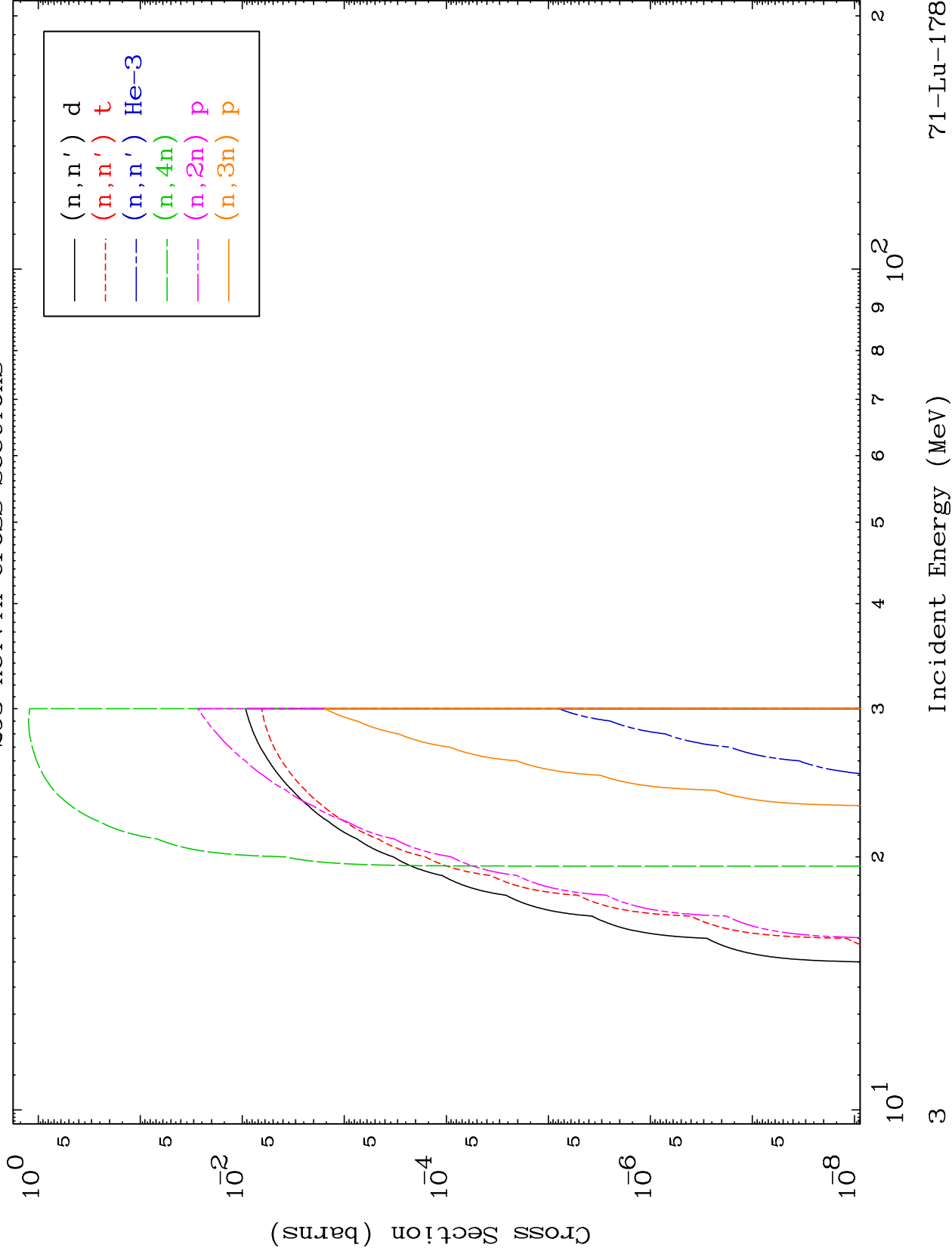
71-Lu-178



MAT 7134

Neutron Production
293 Kelvin Cross Sections

71-Lu-178



71-Lu-178

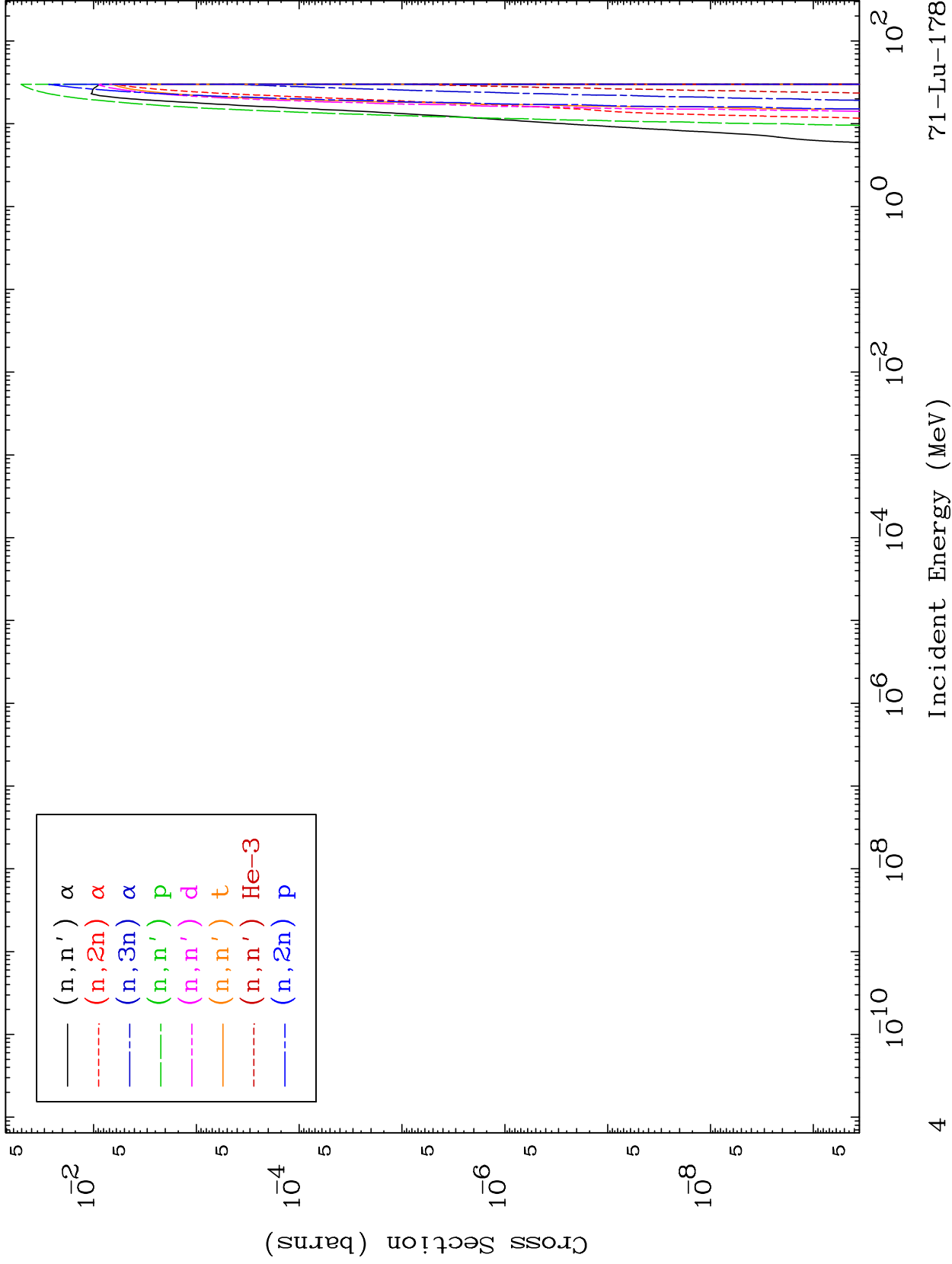
Incident Energy (MeV)

3

MAT 7134

Charged Particle
293 Kelvin Cross Sections

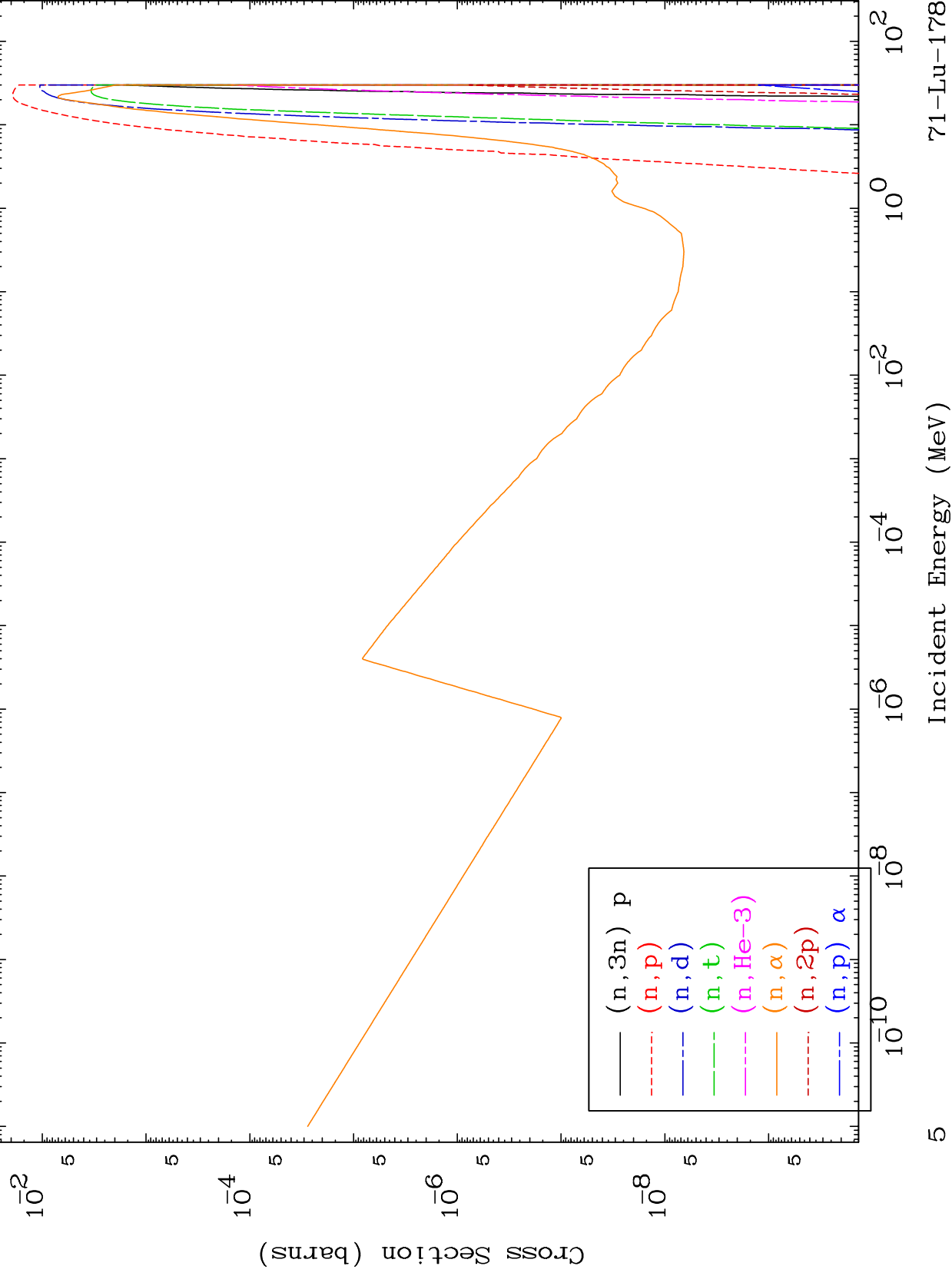
71-Lu-178

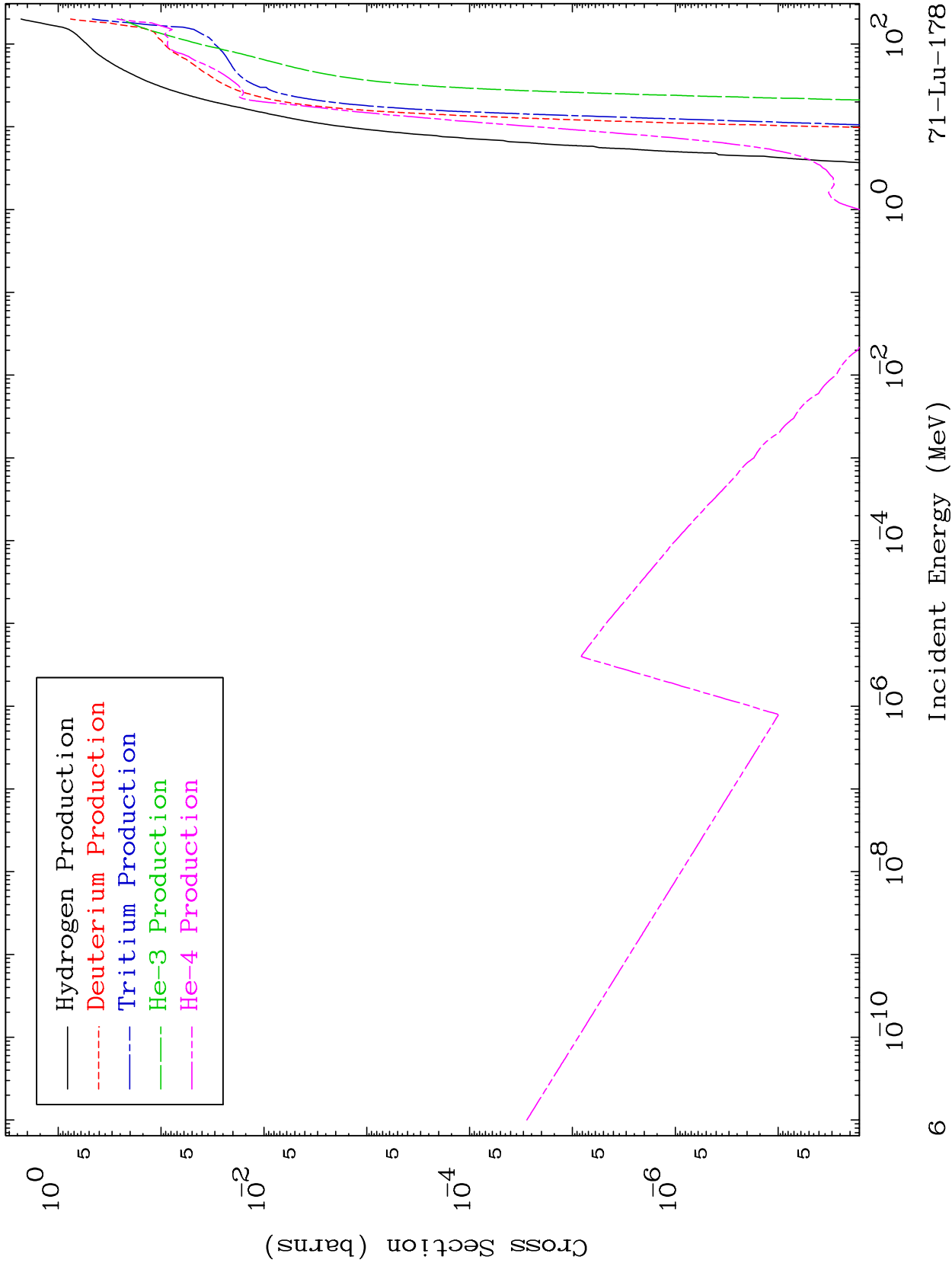


MAT 7134

Charged Particle
293 Kelvin Cross Sections

71-Lu-178

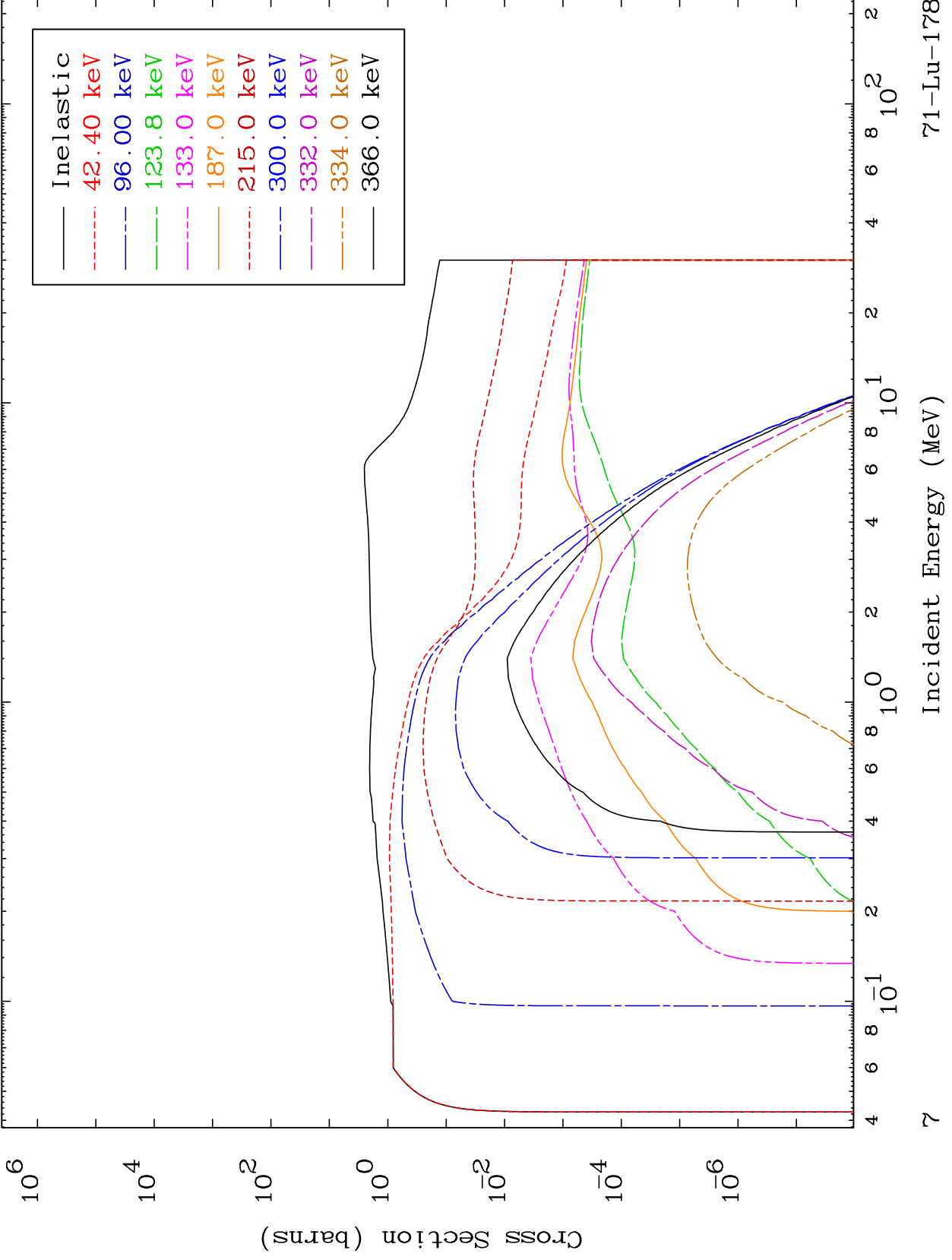




MAT 7134

(n,n') Level
293 Kelvin Cross Sections

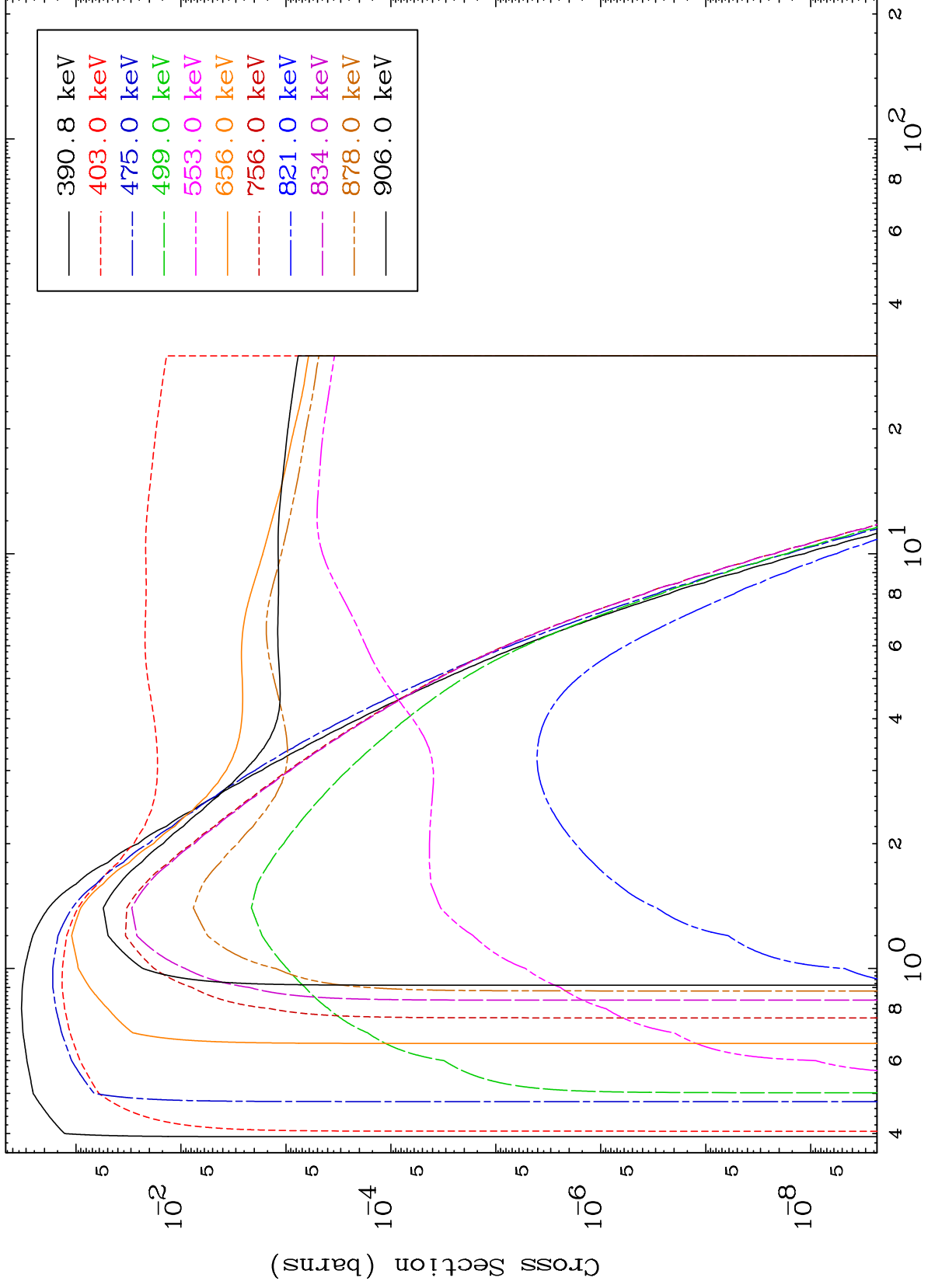
71-Lu-178



MAT 7134

(n,n') Level
293 Kelvin Cross Sections

71-Lu-178



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Incident Energy (MeV)

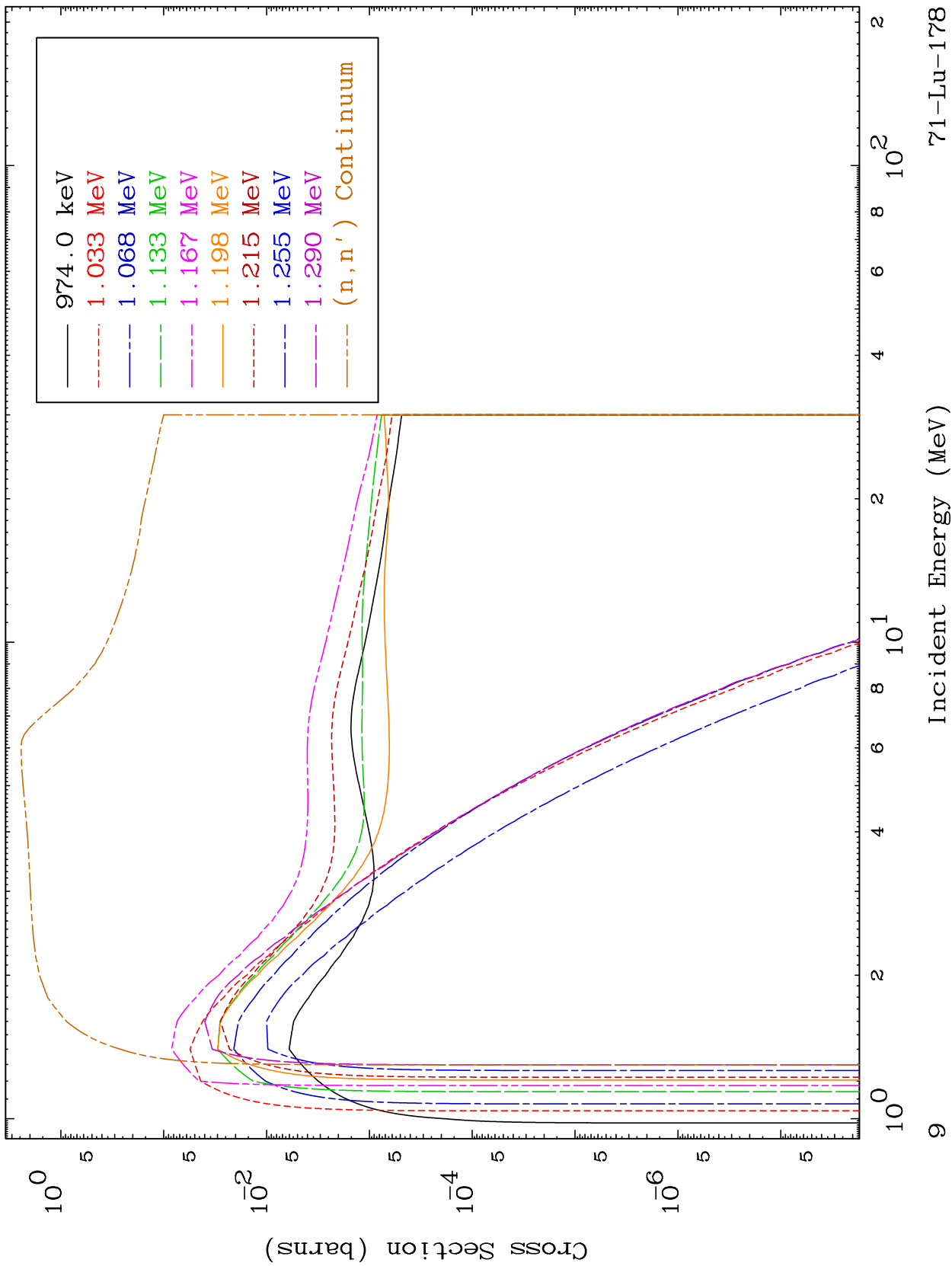
71-Lu-178

MAT 7134

(n,n') Level

71-Lu-178

293 Kelvin Cross Sections



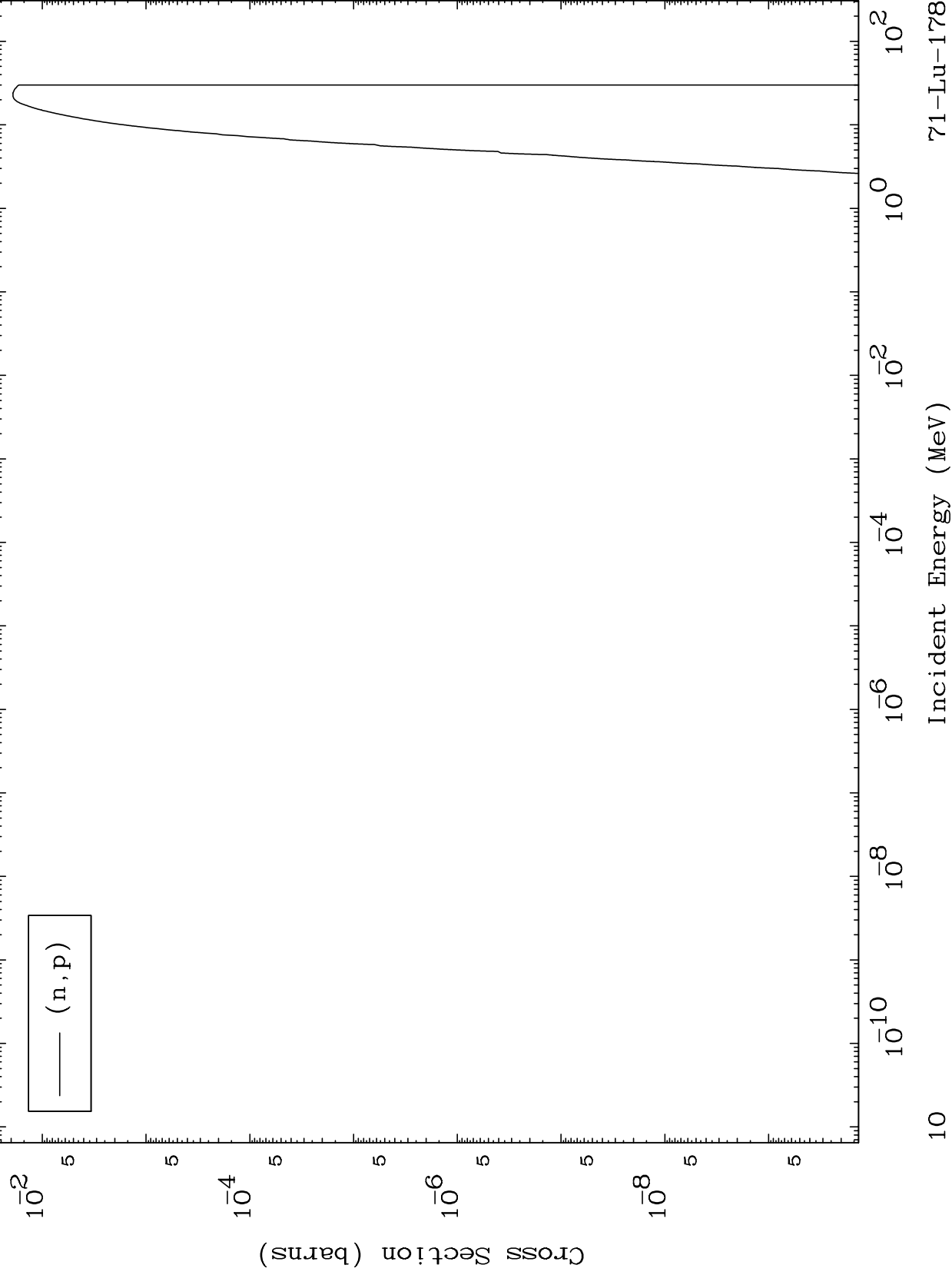
71-Lu-178

Incident Energy (MeV)

MAT 7134

(n,p) Levels
293 Kelvin Cross Sections

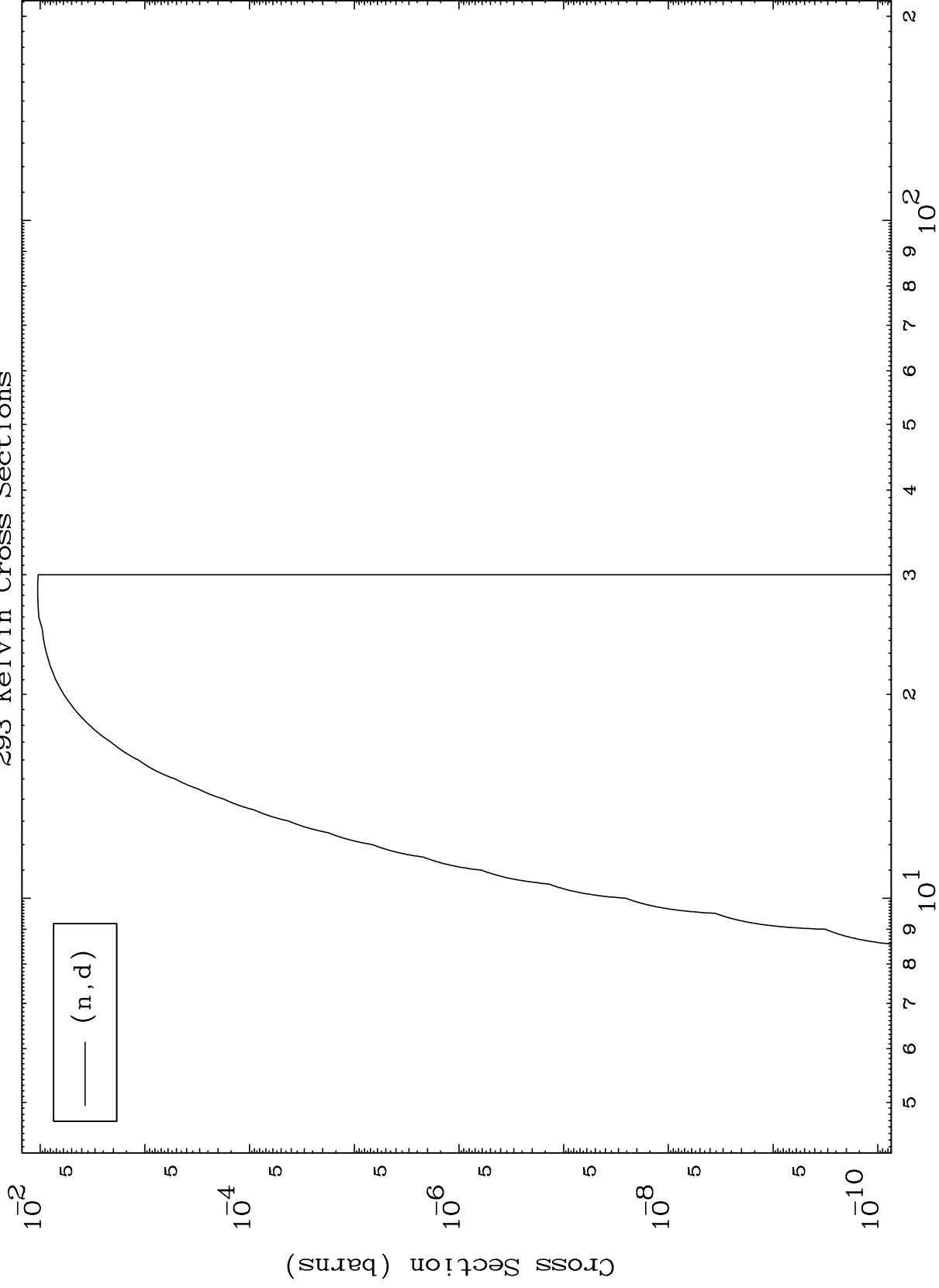
71-Lu-178



MAT 7134

(n,d) Levels
293 Kelvin Cross Sections

71-Lu-178



11

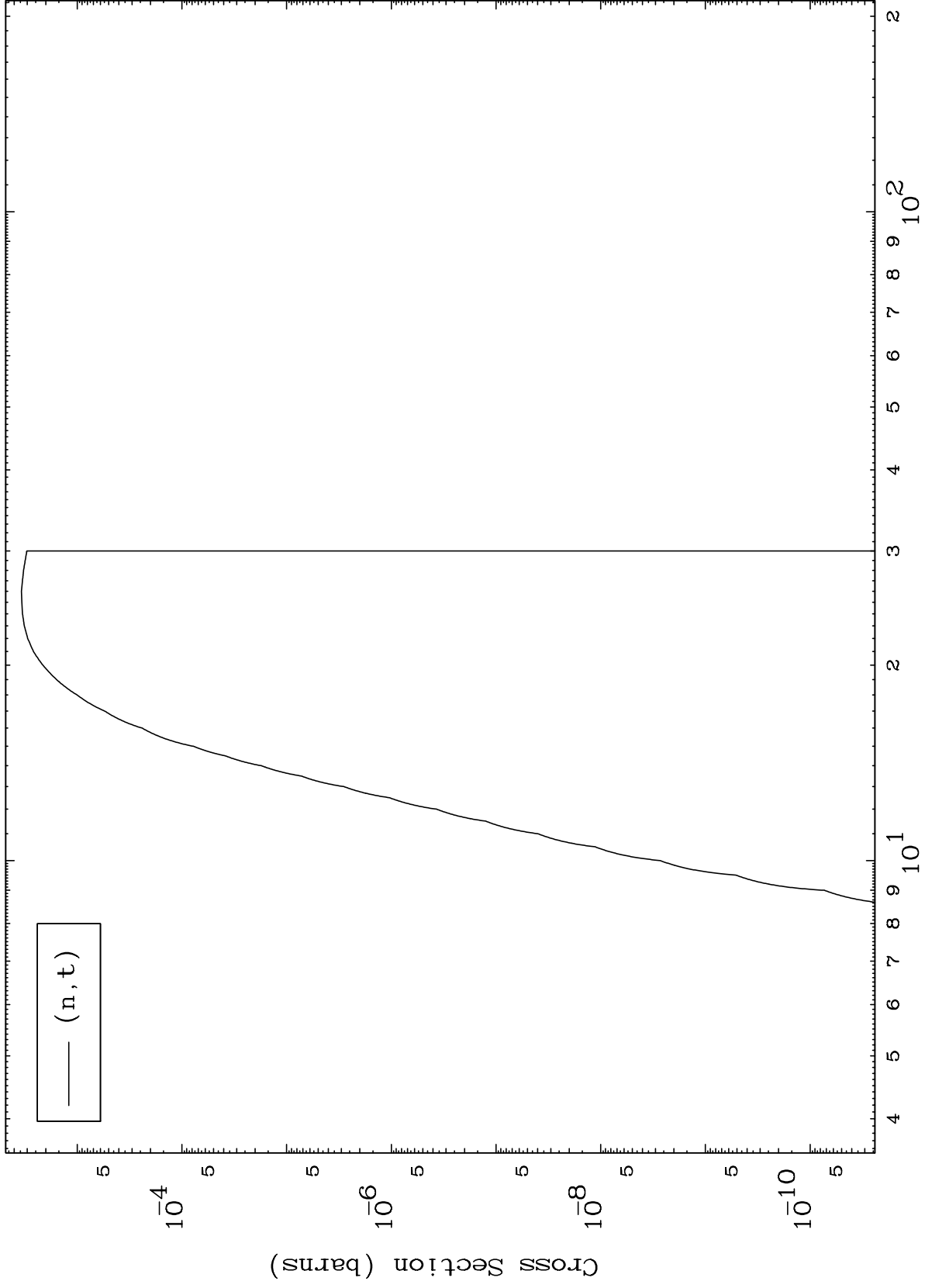
Incident Energy (MeV)

71-Lu-178

MAT 7134

(n,t) Levels
293 Kelvin Cross Sections

71-Lu-178



12

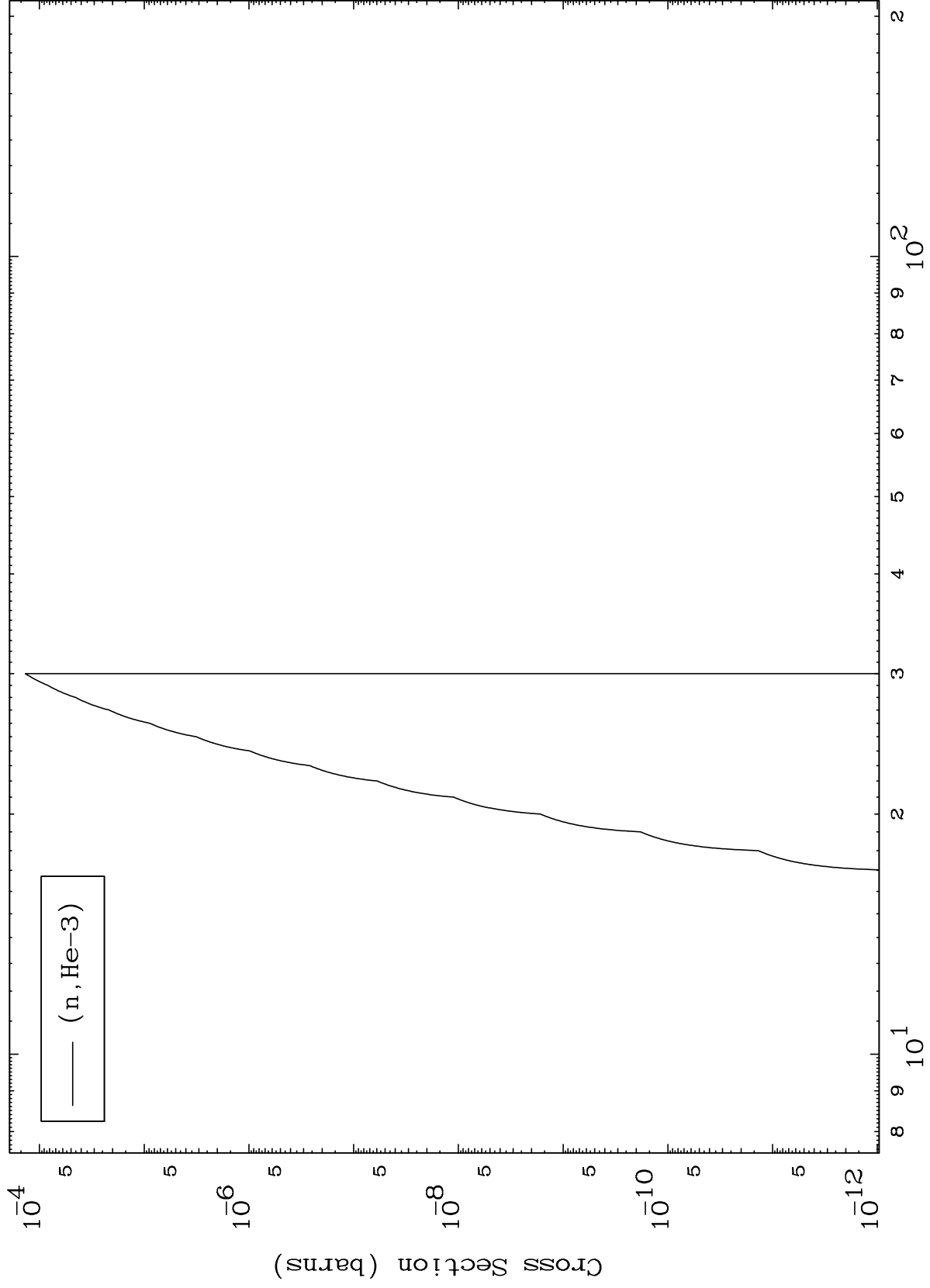
Incident Energy (MeV)

71-Lu-178

MAT 7134

(n,He3) Levels
293 Kelvin Cross Sections

71-Lu-178



13

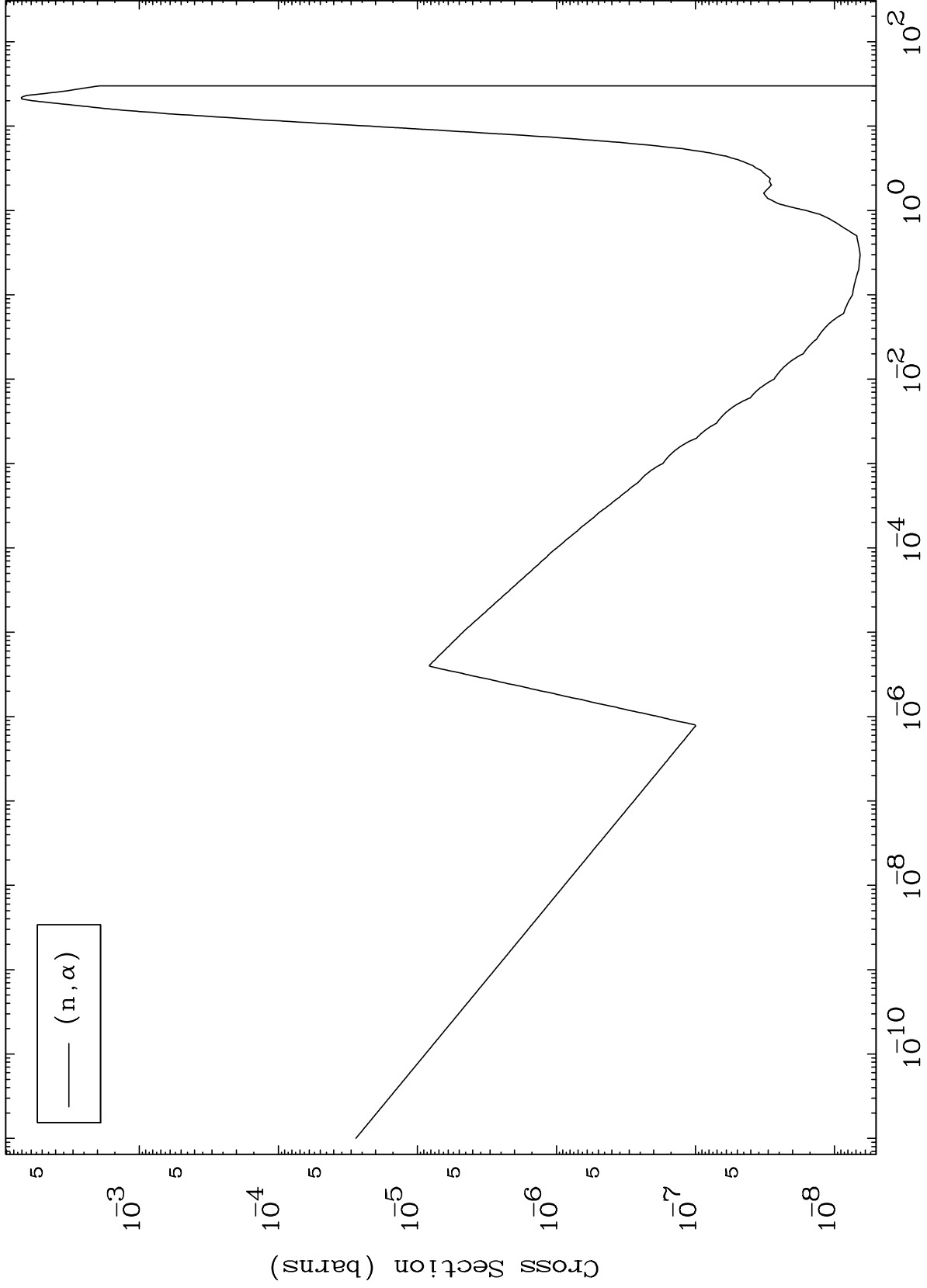
Incident Energy (MeV)

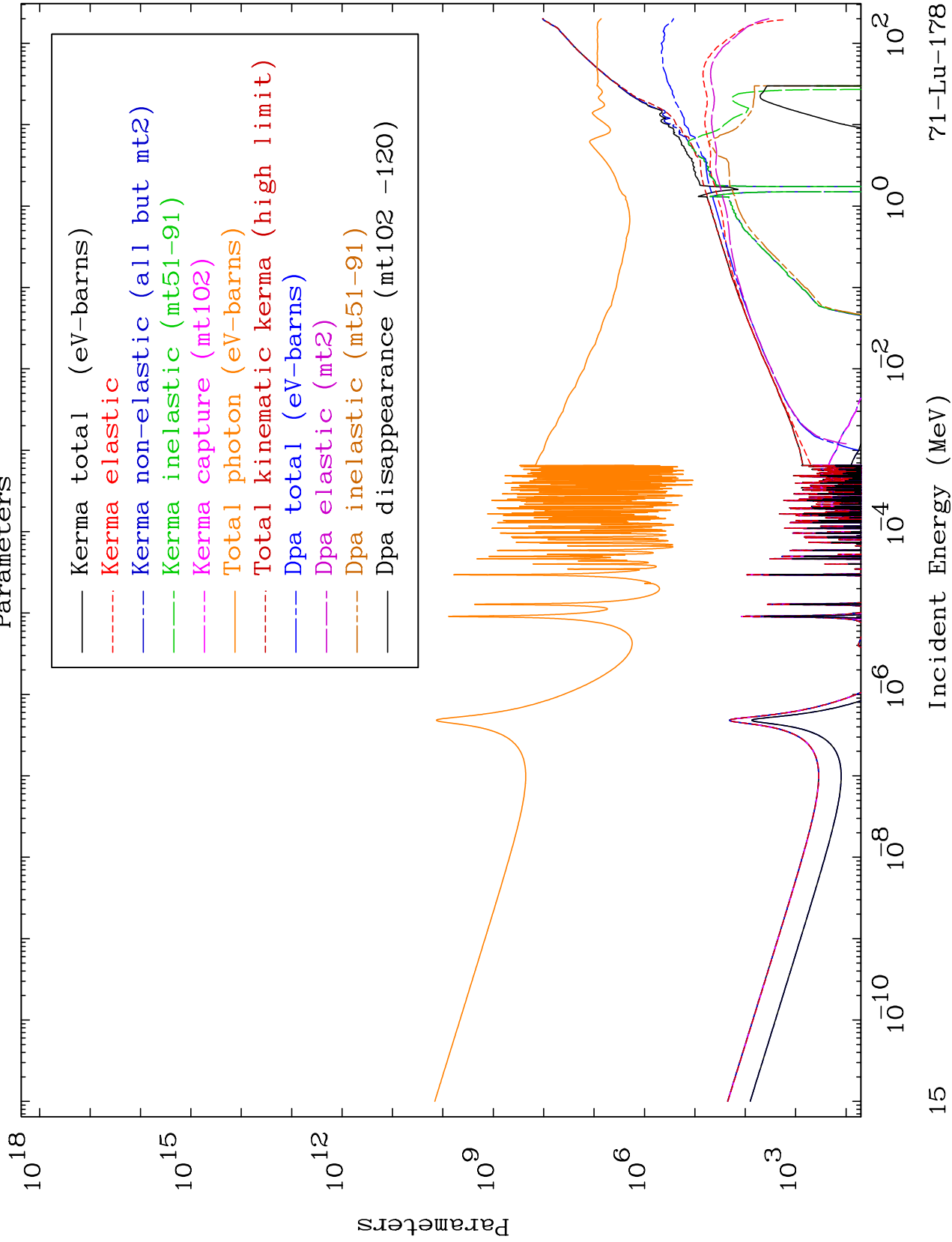
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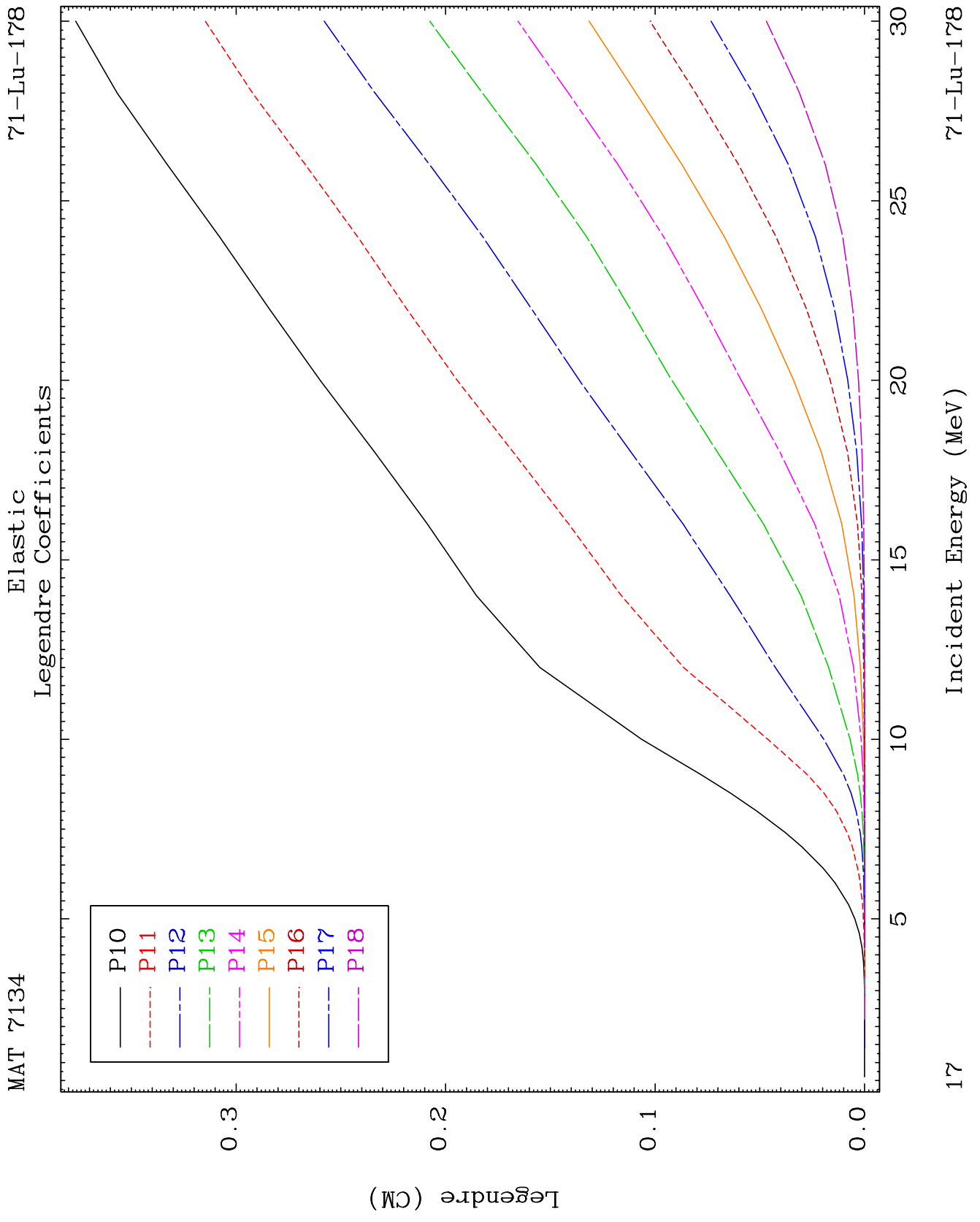
MAT 7134

(n, α) Levels
293 Kelvin Cross Sections

71-Lu-178



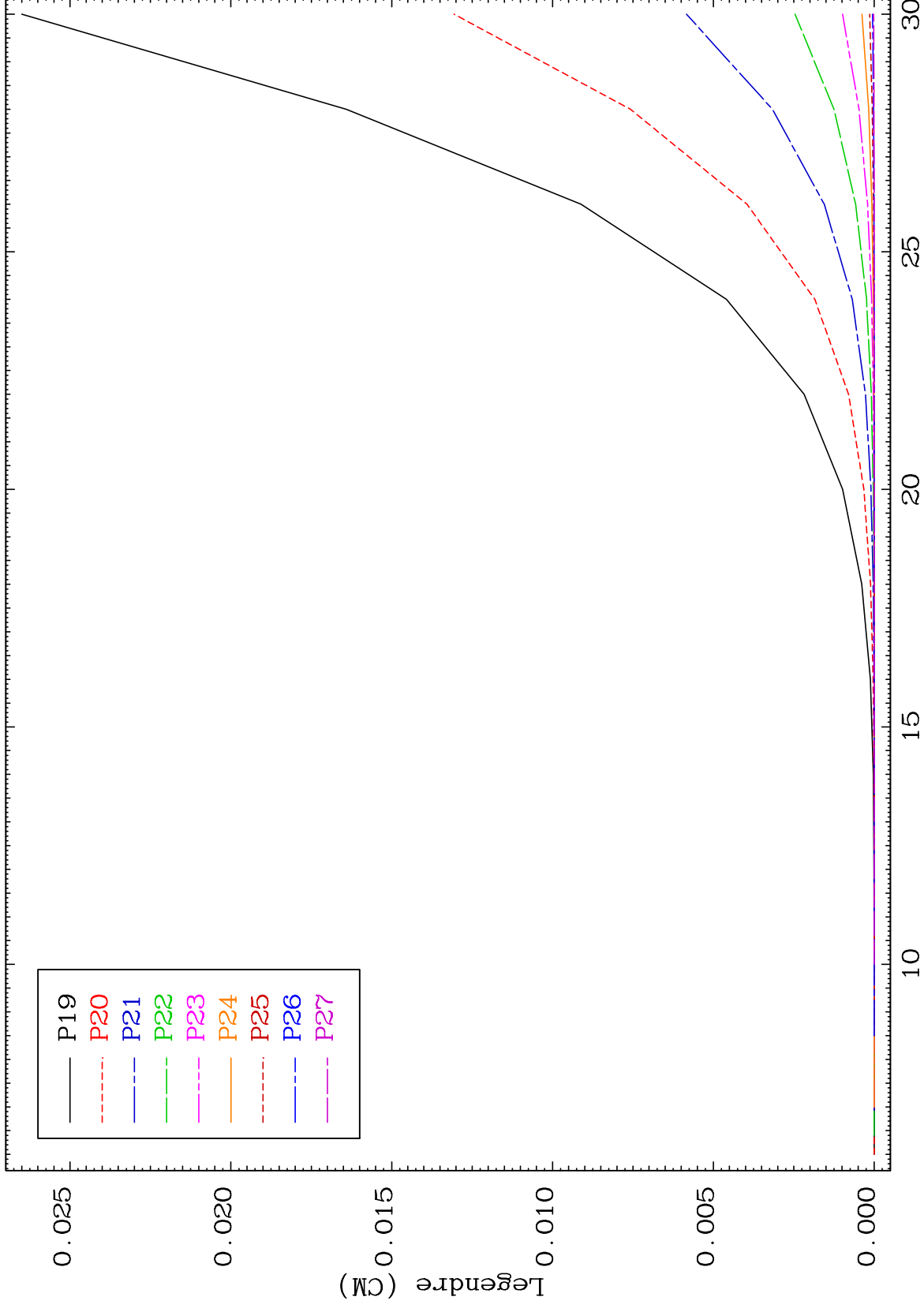




MAT 7134

Elastic Legendre Coefficients

71-Lu-178



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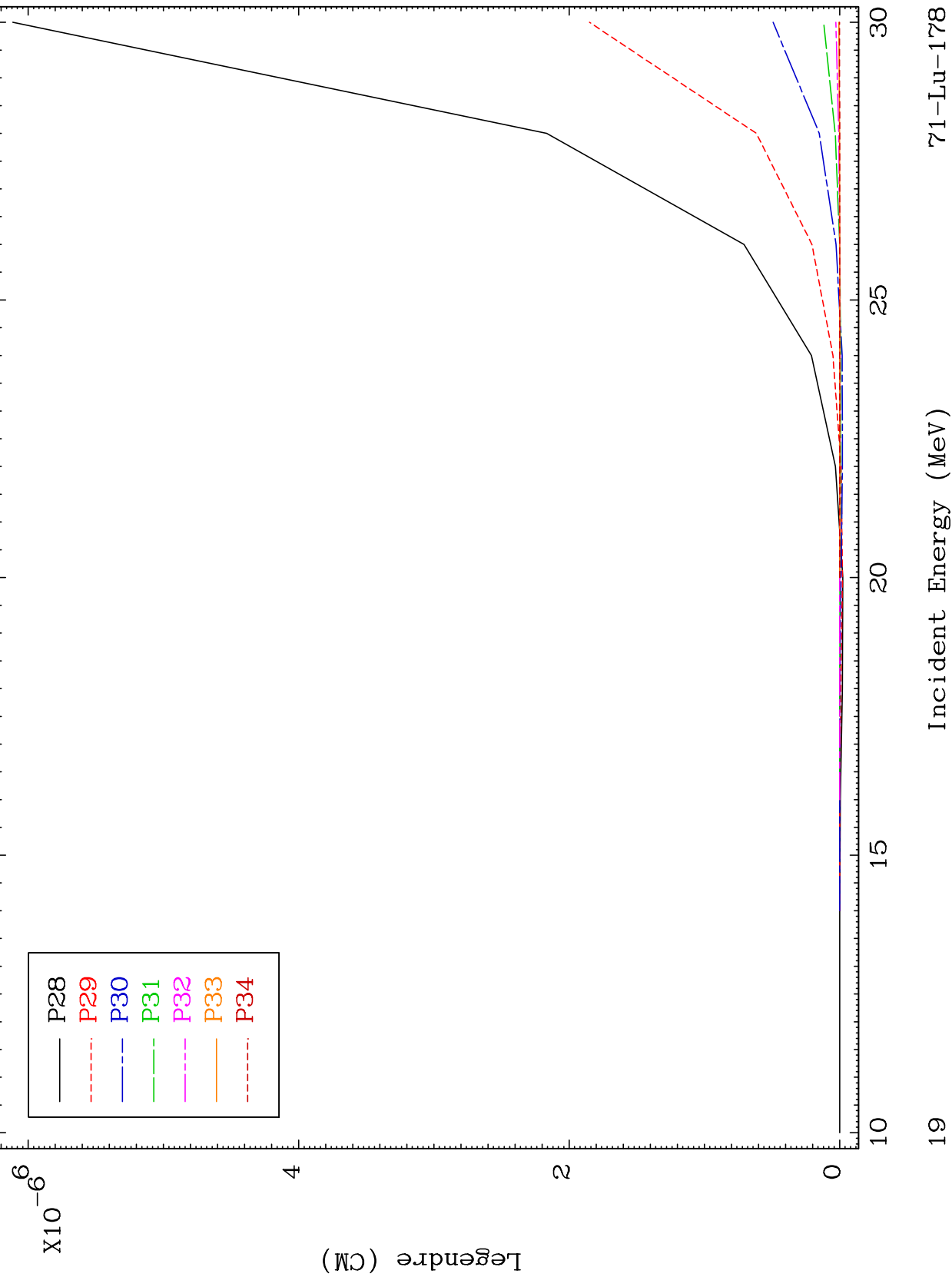
Incident Energy (MeV)

71-Lu-178

MAT 7134

Elastic Legendre Coefficients

⁷¹Lu-178



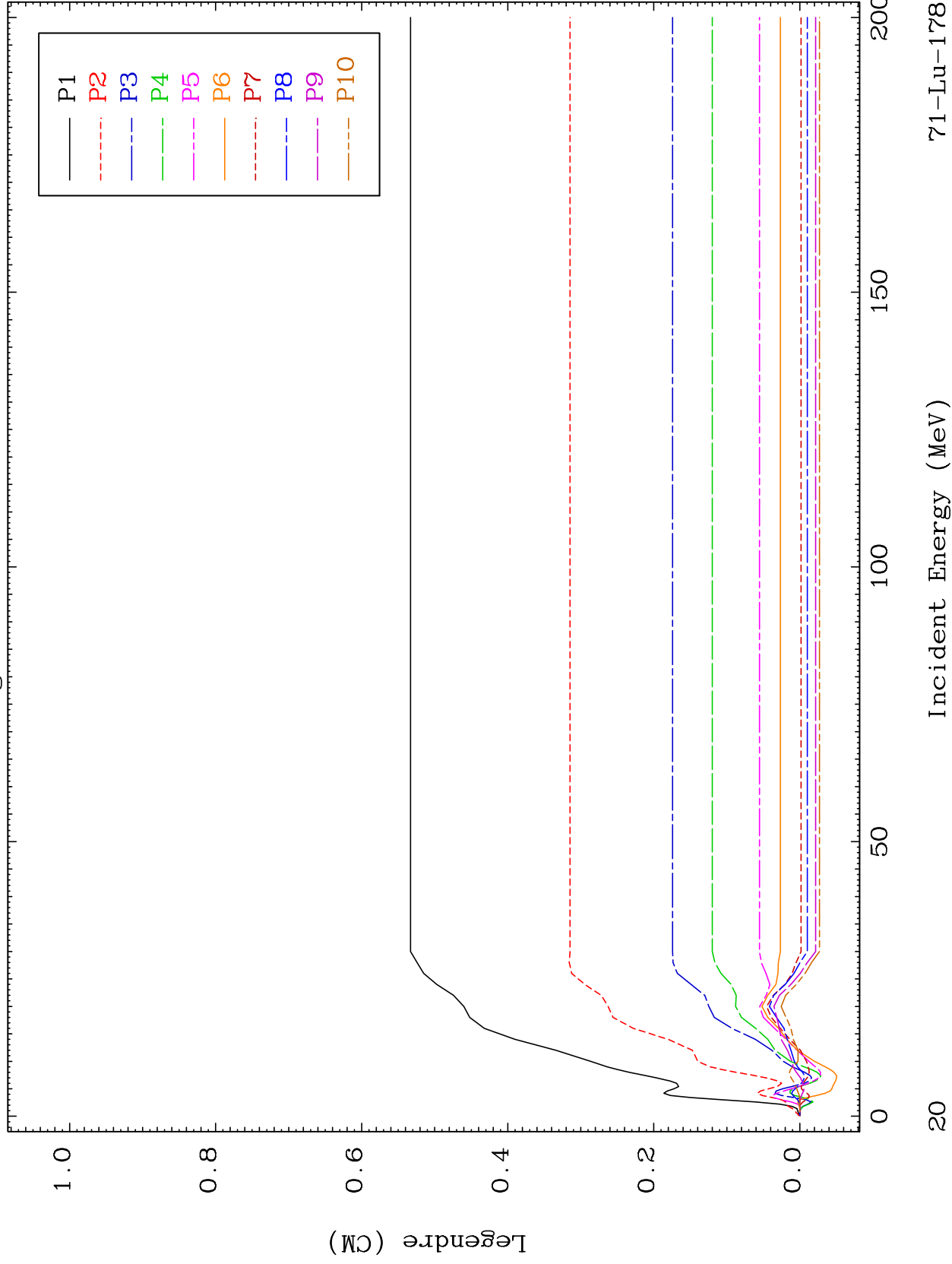
⁷¹Lu-178

Incident Energy (MeV)

MAT 7134

42.40 keV (n,n') Level
Legendre Coefficients

71-Lu-178

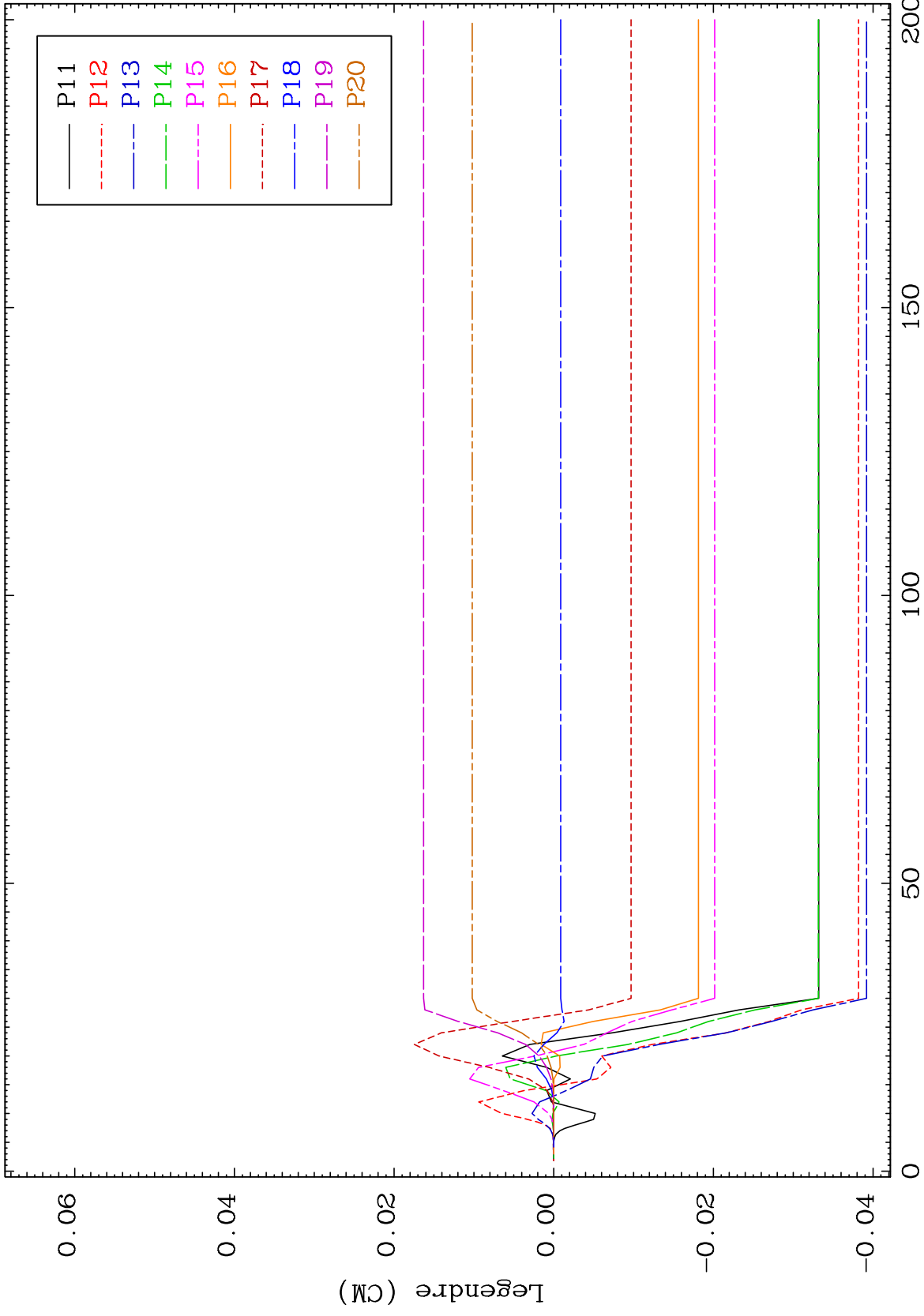


71-Lu-178

MAT 7134

42.40 keV (n,n') Level
Legendre Coefficients

71-Lu-178



21

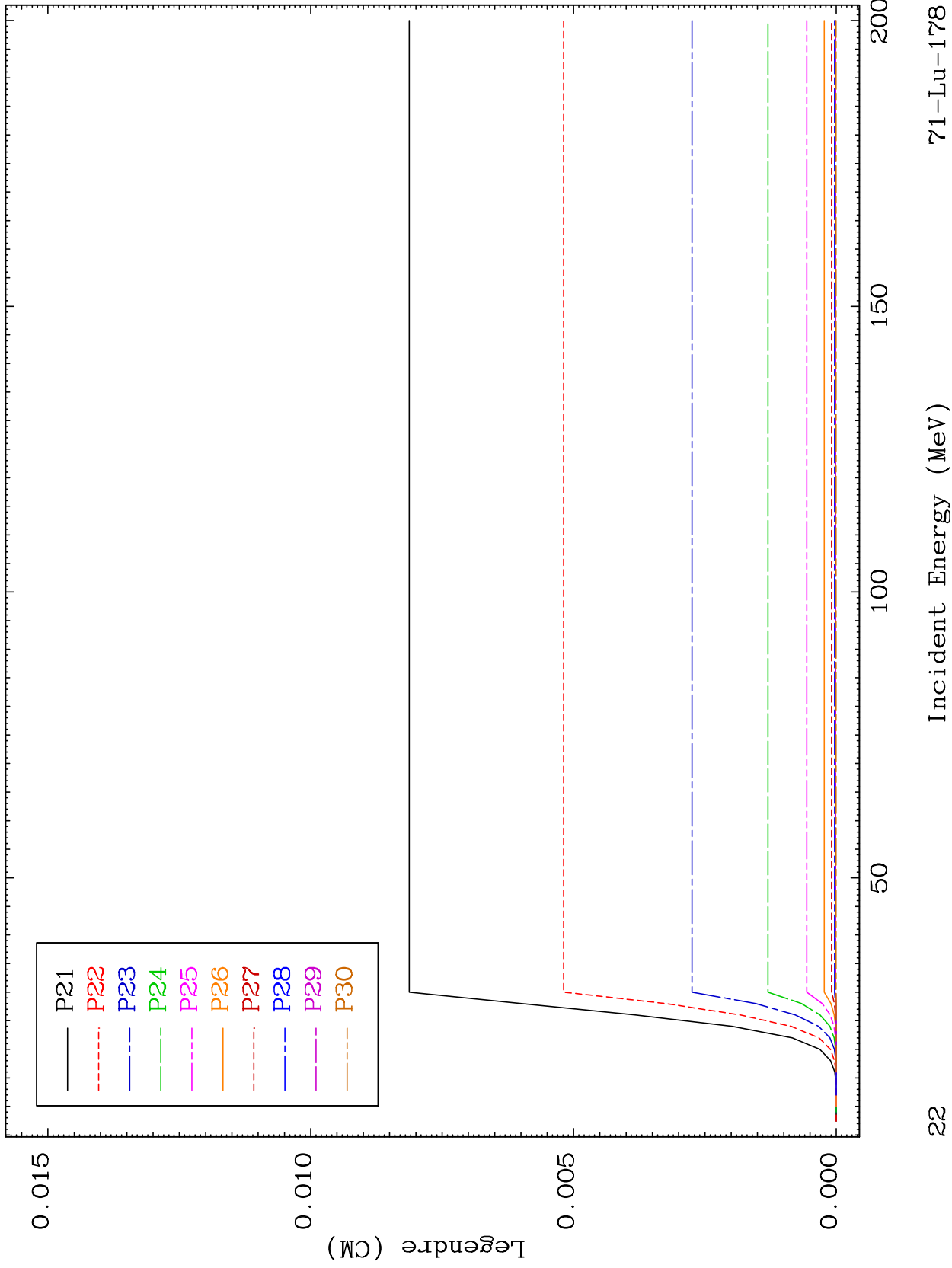
Incident Energy (MeV)

71-Lu-178

MAT 7134

42.40 keV (n,n') Level
Legendre Coefficients

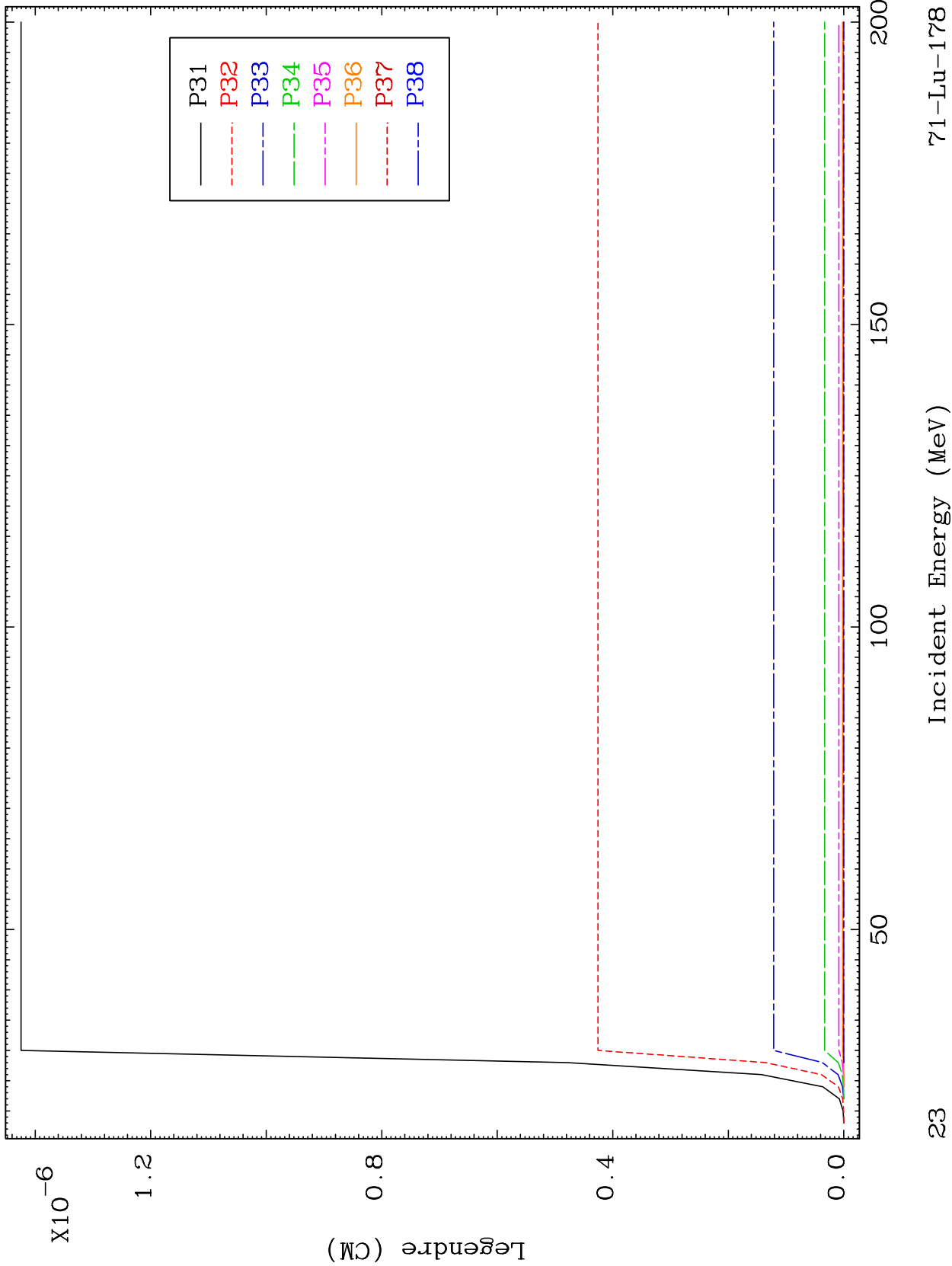
71-Lu-178

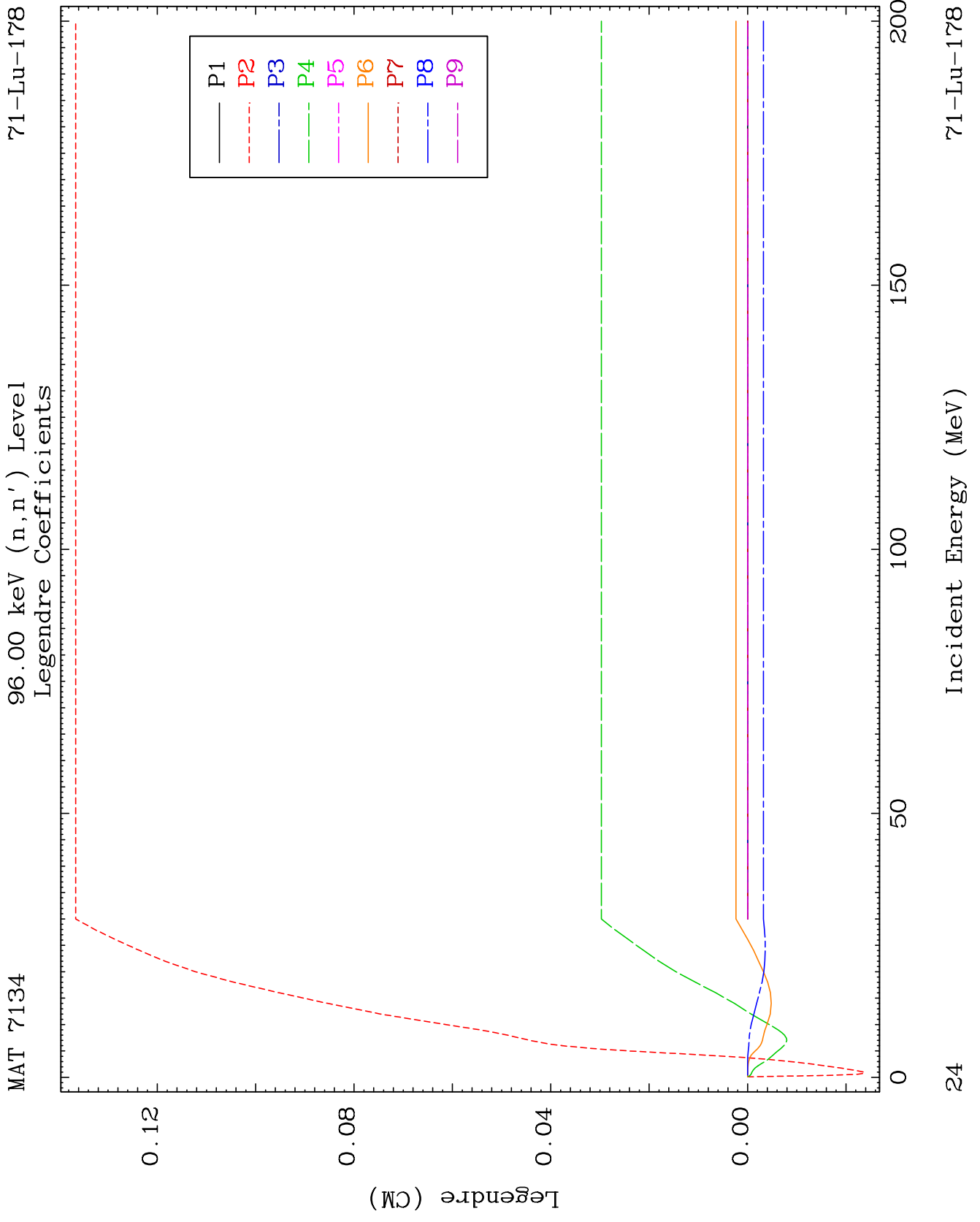


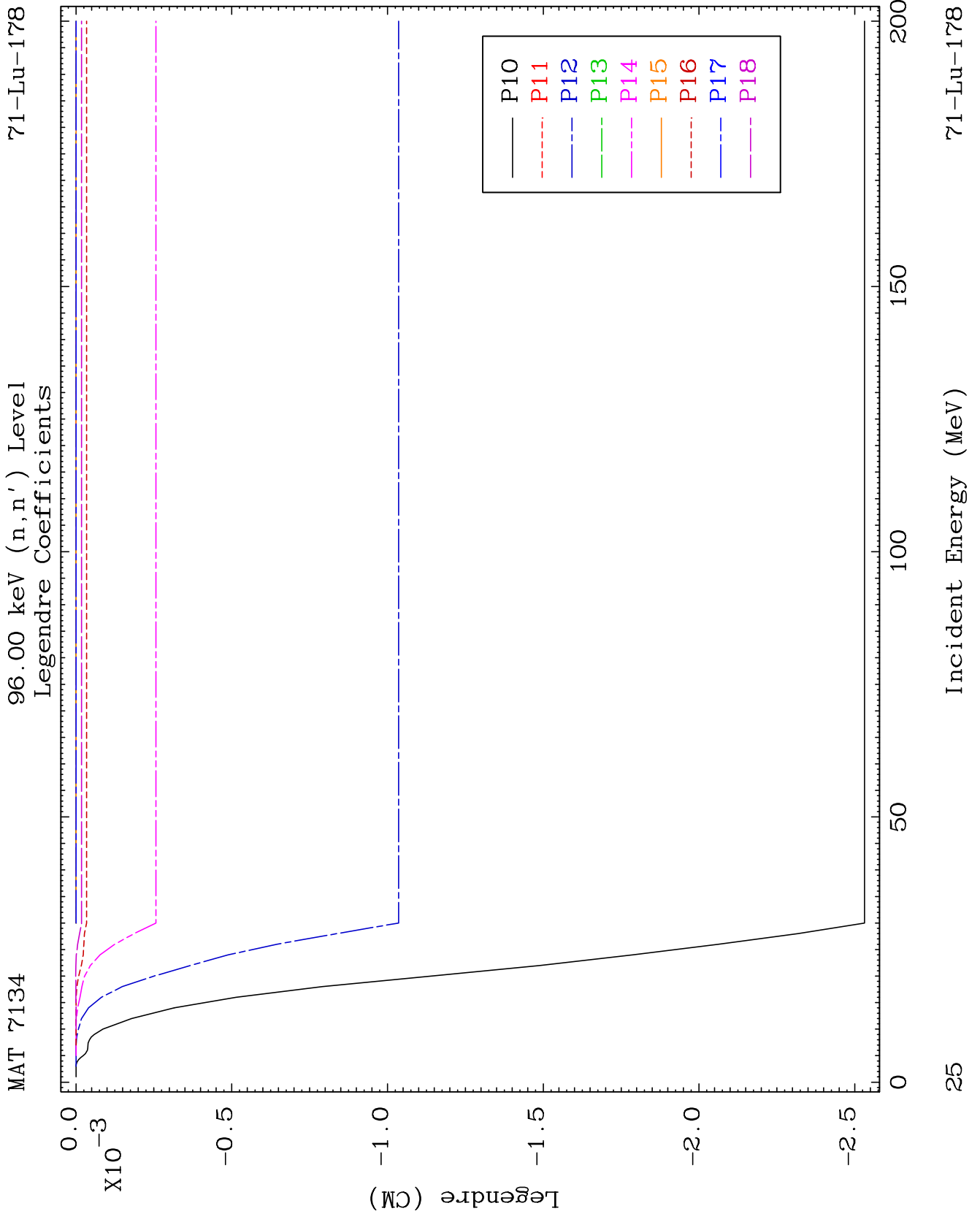
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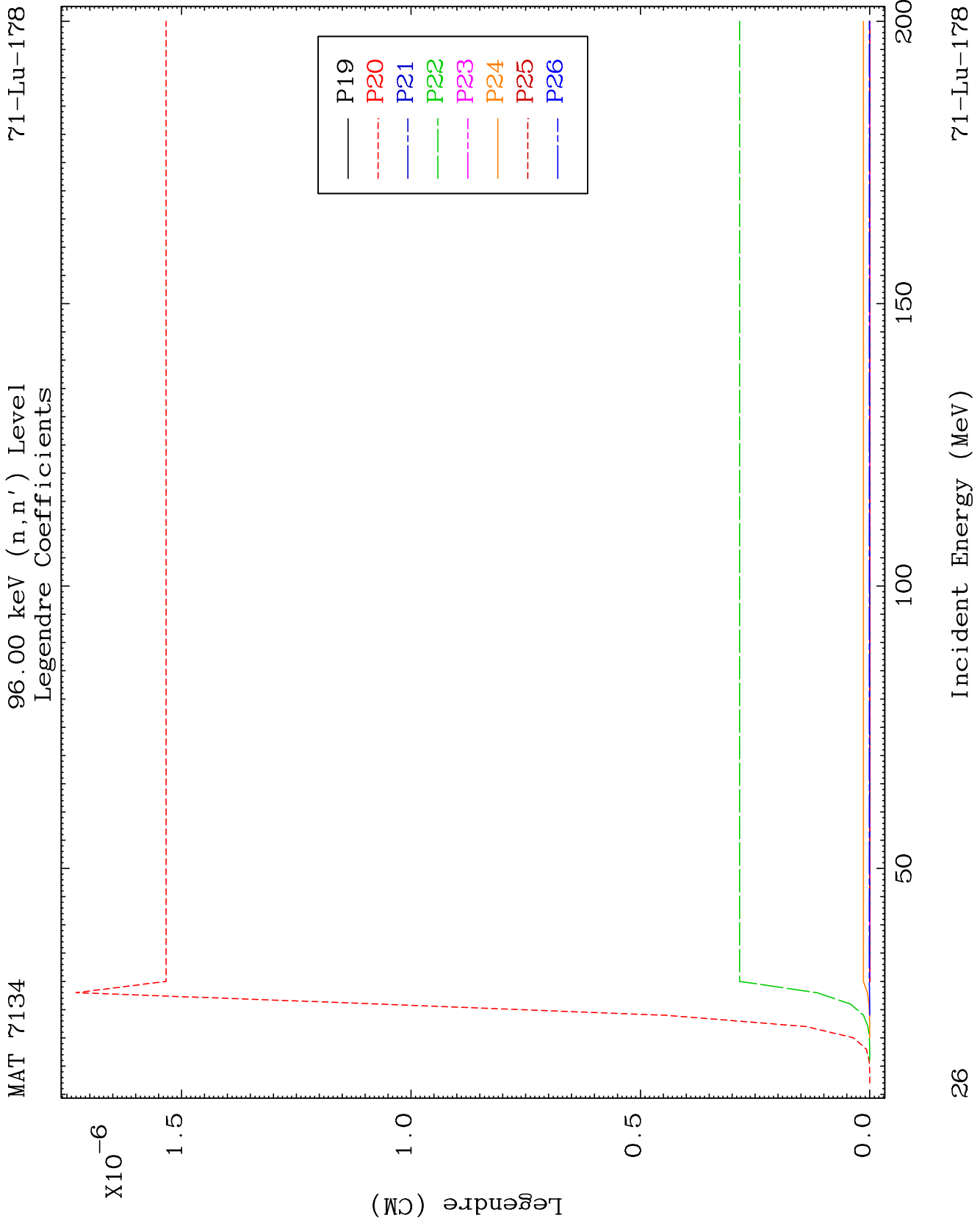
Incident Energy (MeV)

71-Lu-178





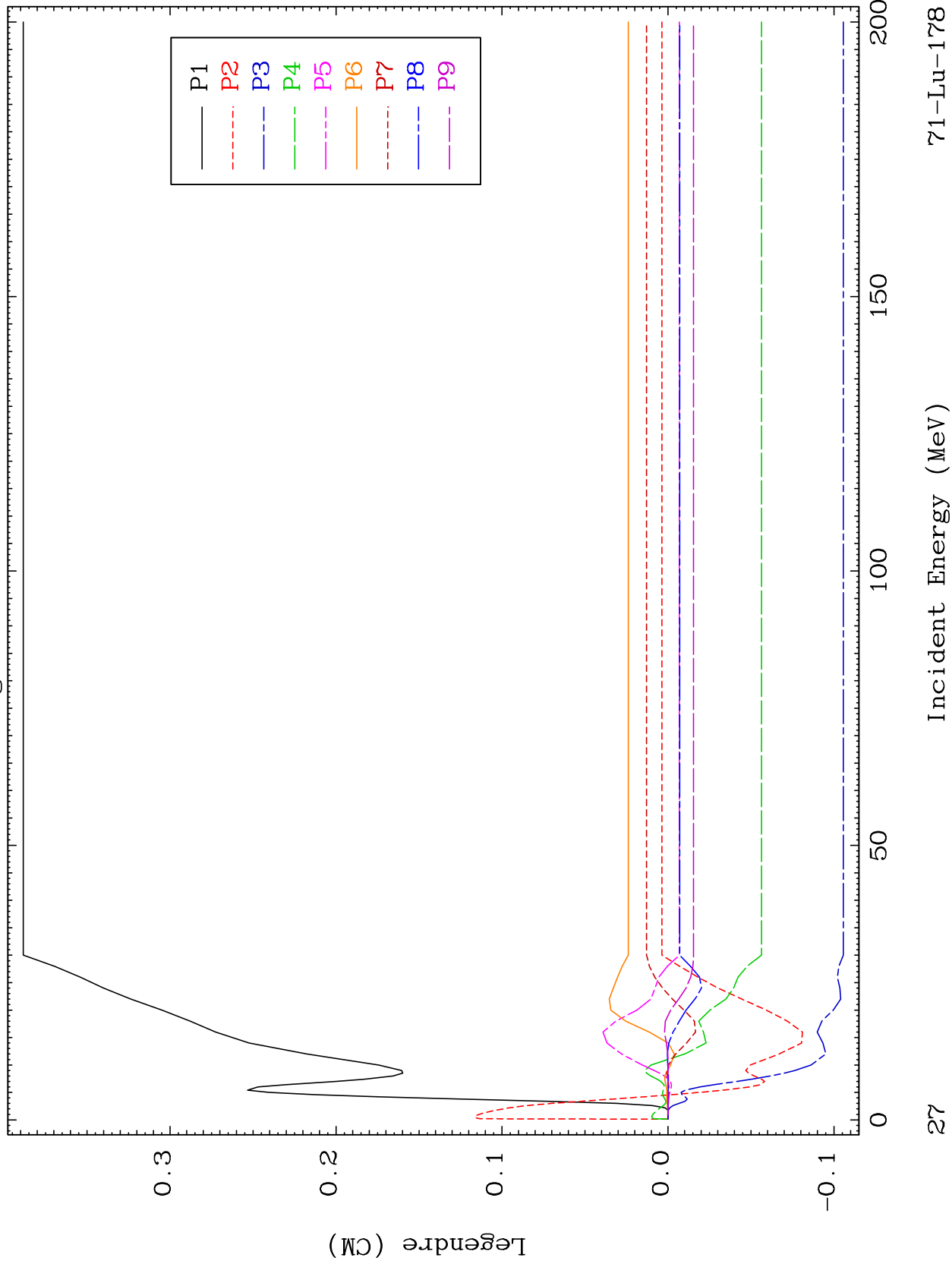




MAT 7134

123.8 keV (n,n') Level
Legendre Coefficients

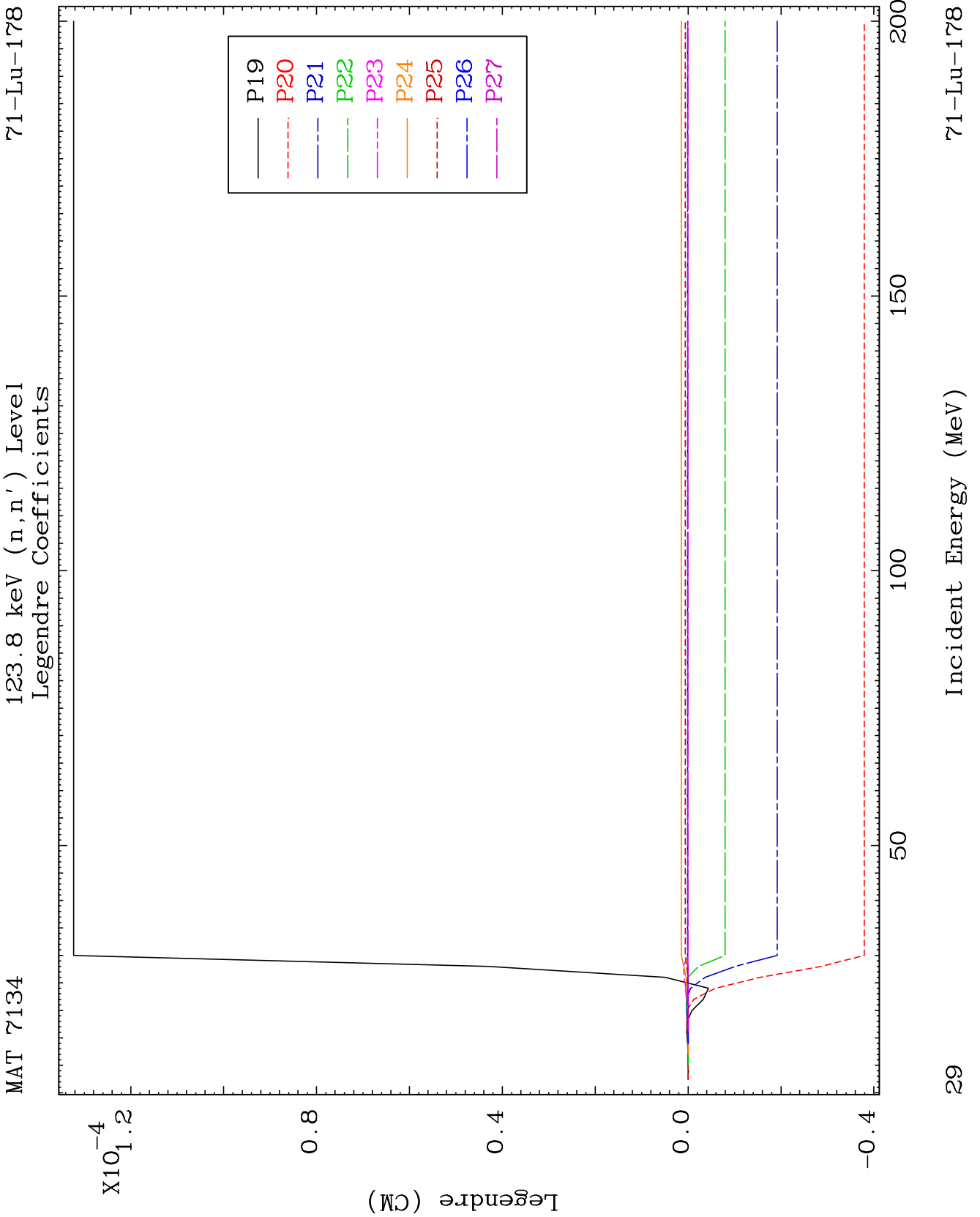
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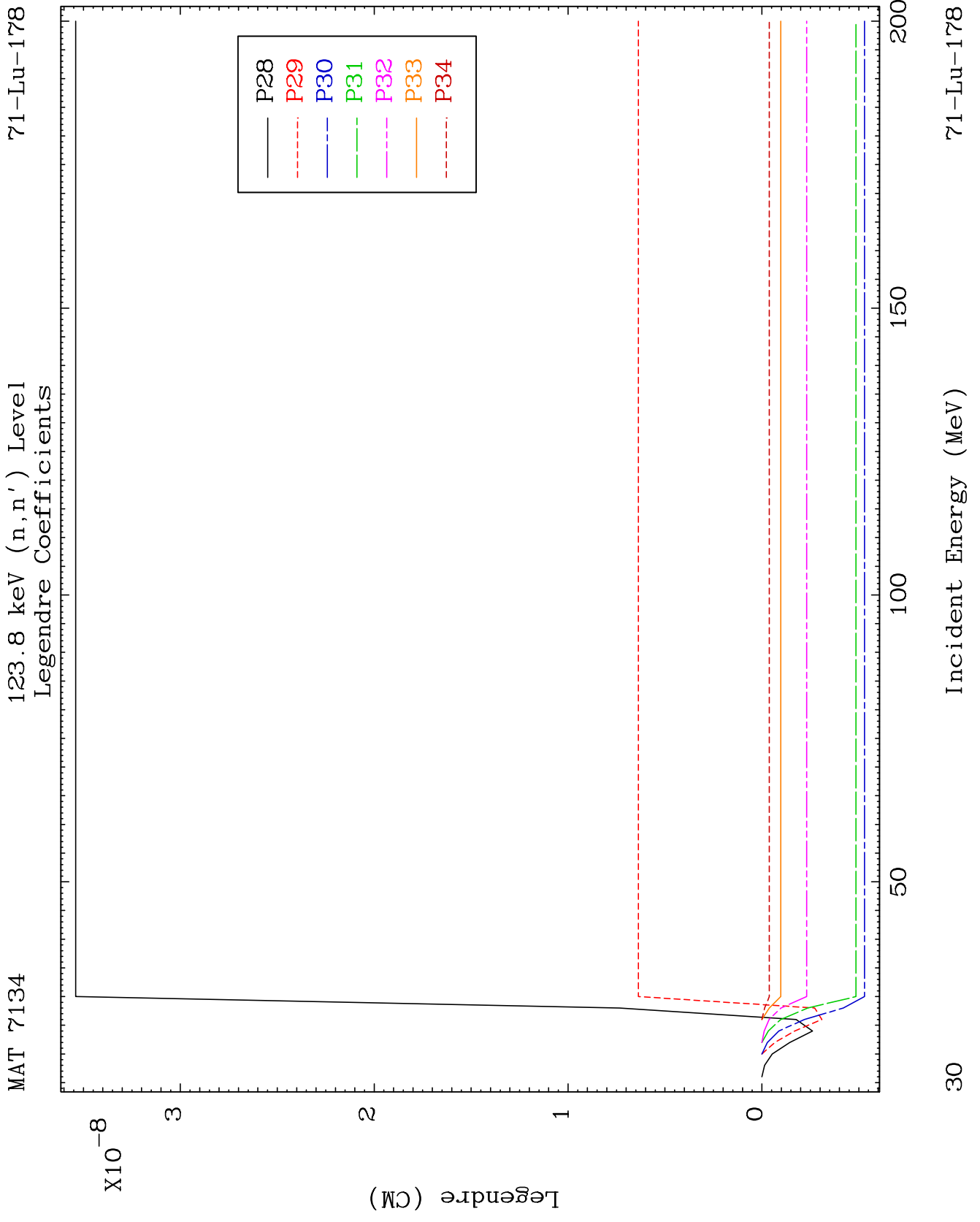


71-Lu-178

Incident Energy (MeV)

27

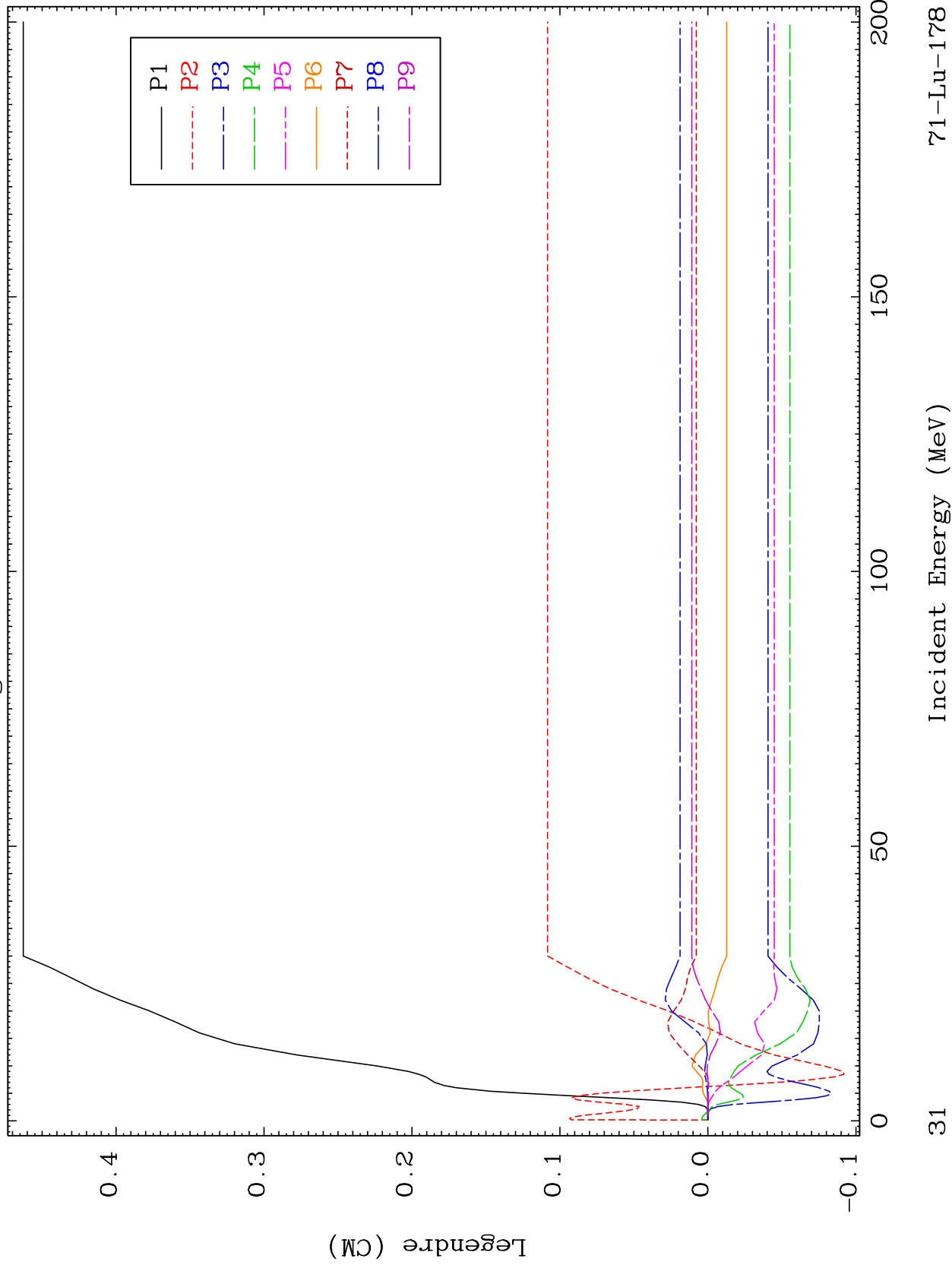




MAT 7134

133.0 keV (n,n') Level
Legendre Coefficients

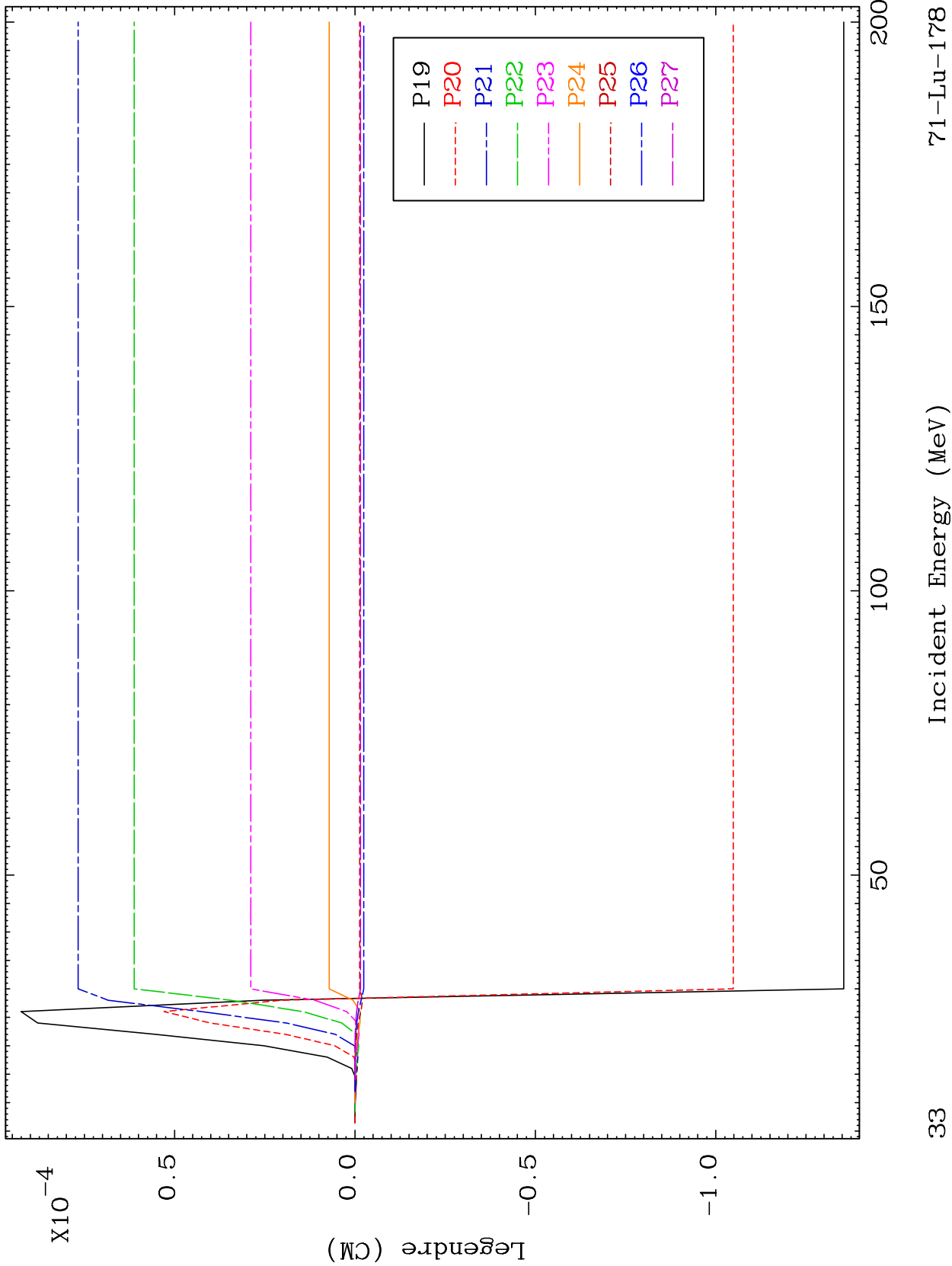
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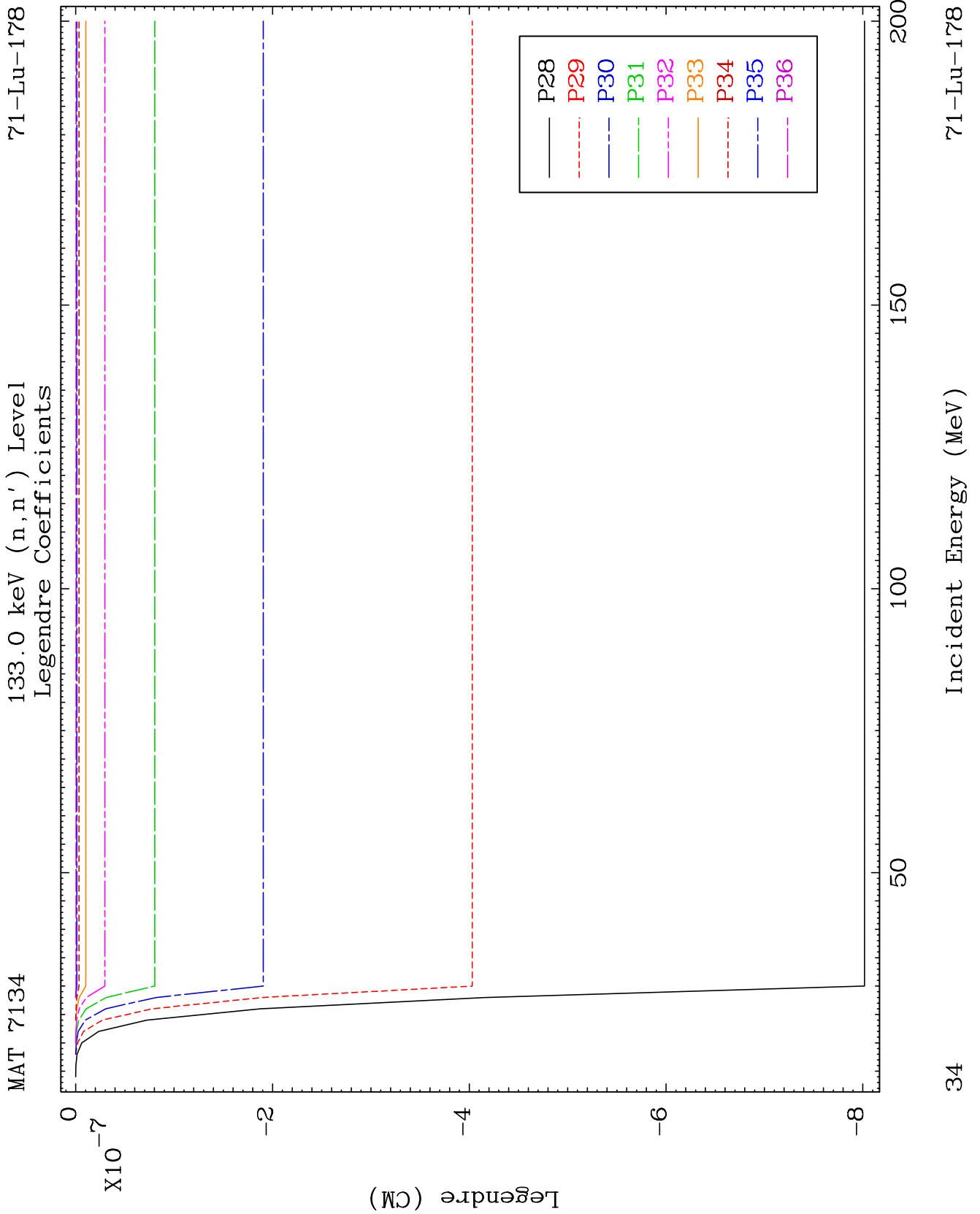


71-Lu-178

Incident Energy (MeV)

31

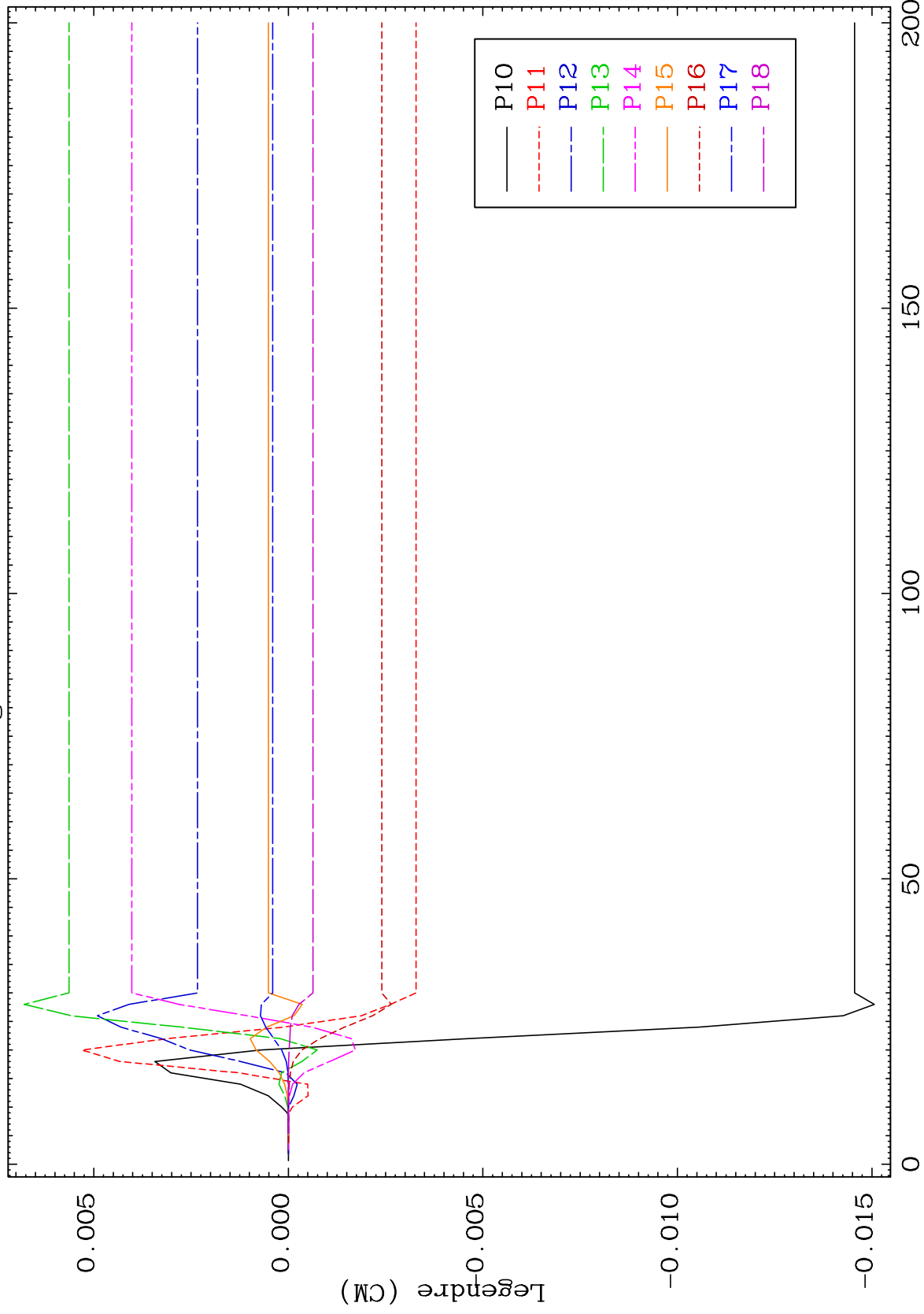




MAT 7134

187.0 keV (n,n') Level
Legendre Coefficients

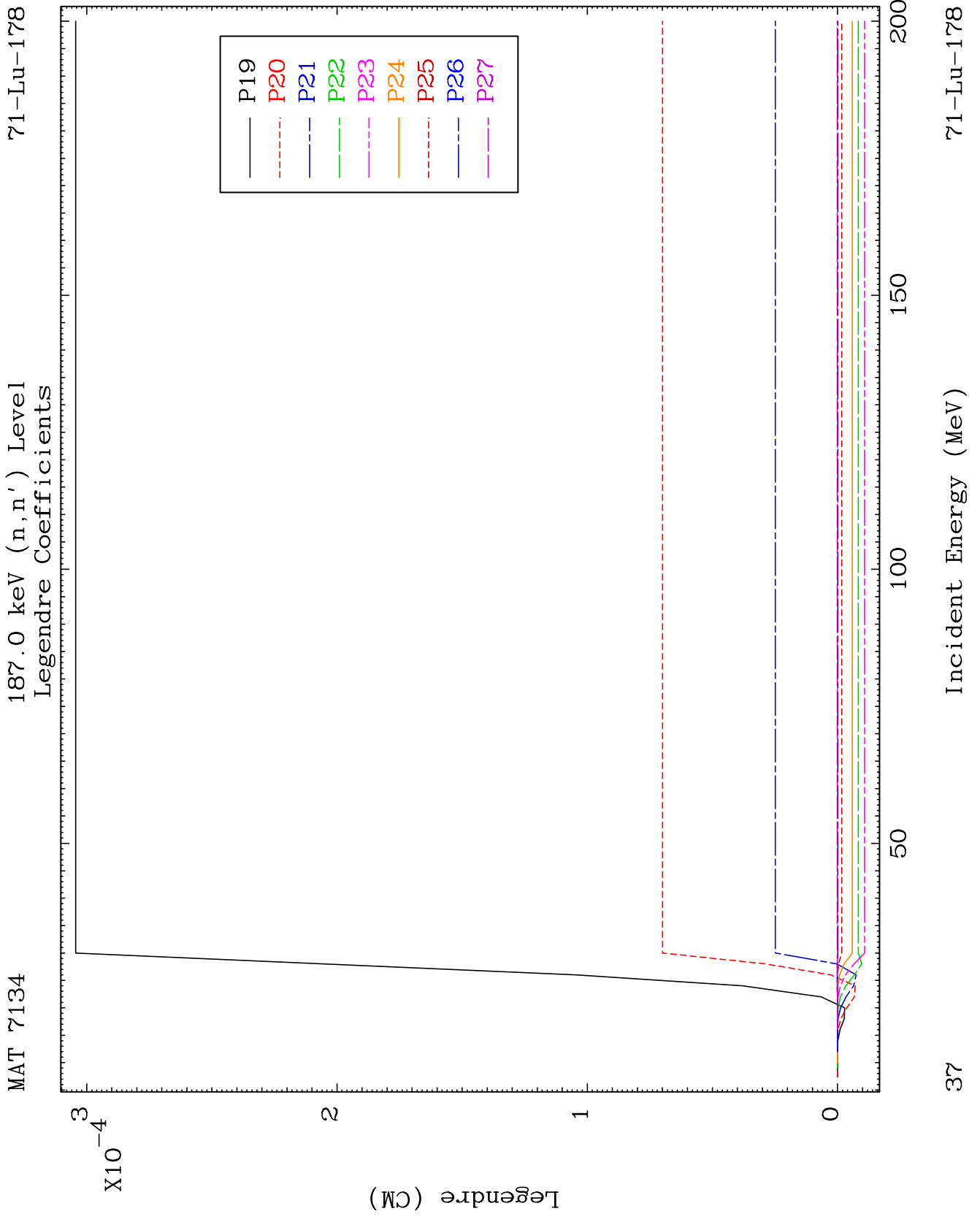
71-Lu-178



36

Incident Energy (MeV)

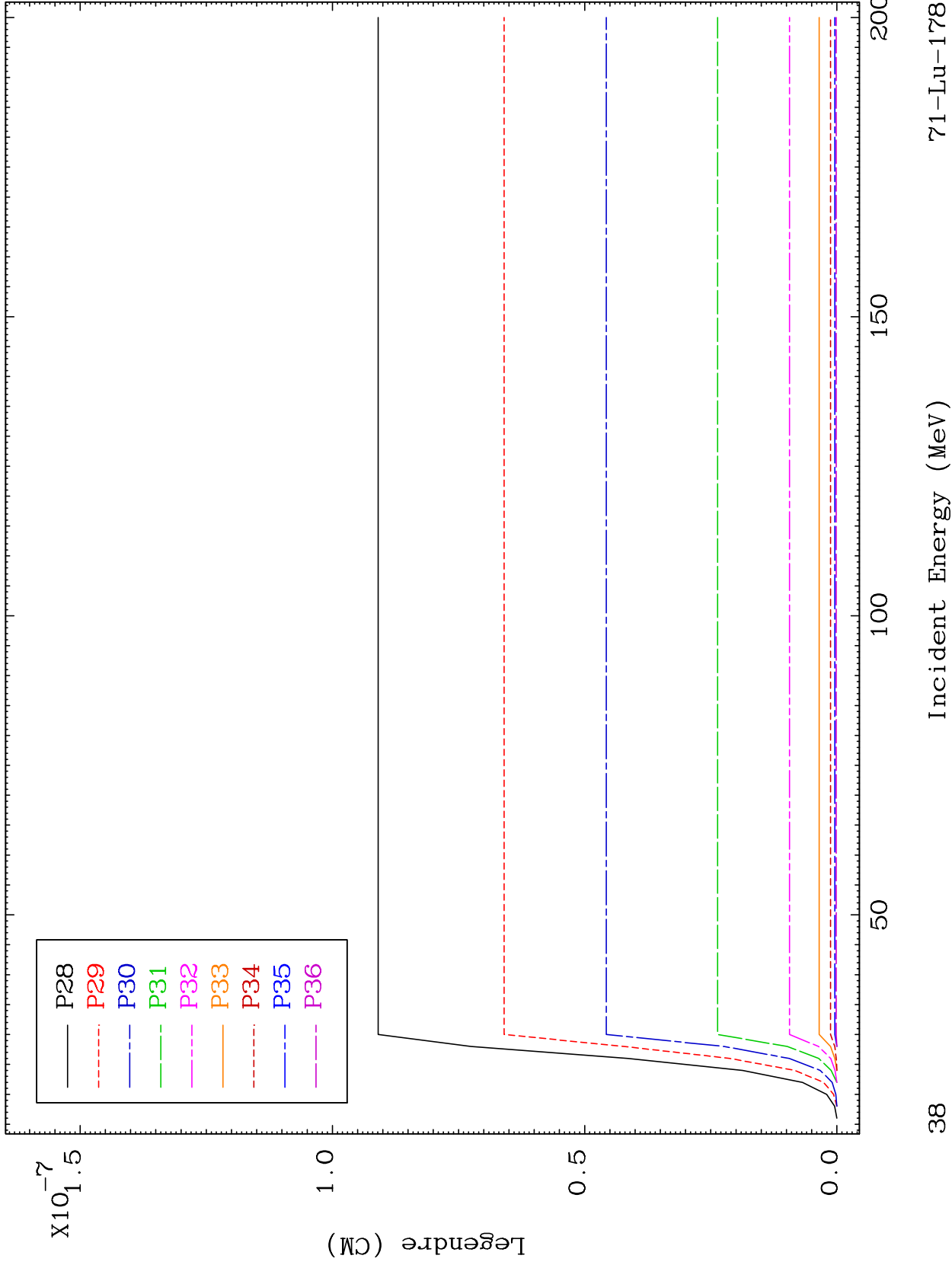
71-Lu-178



MAT 7134

187.0 keV (n, n') Level
Legendre Coefficients

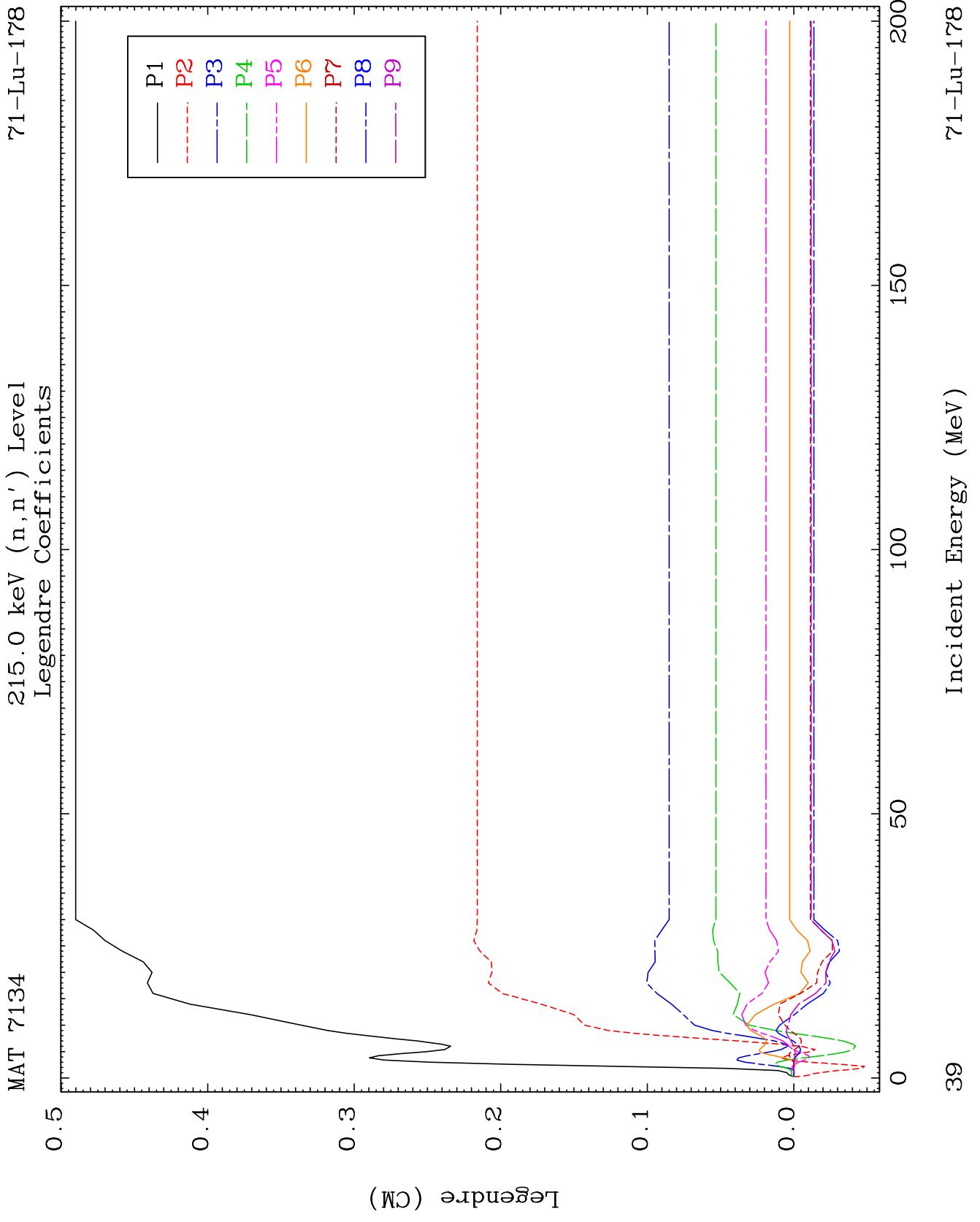
71-Lu-178



38

Incident Energy (MeV)

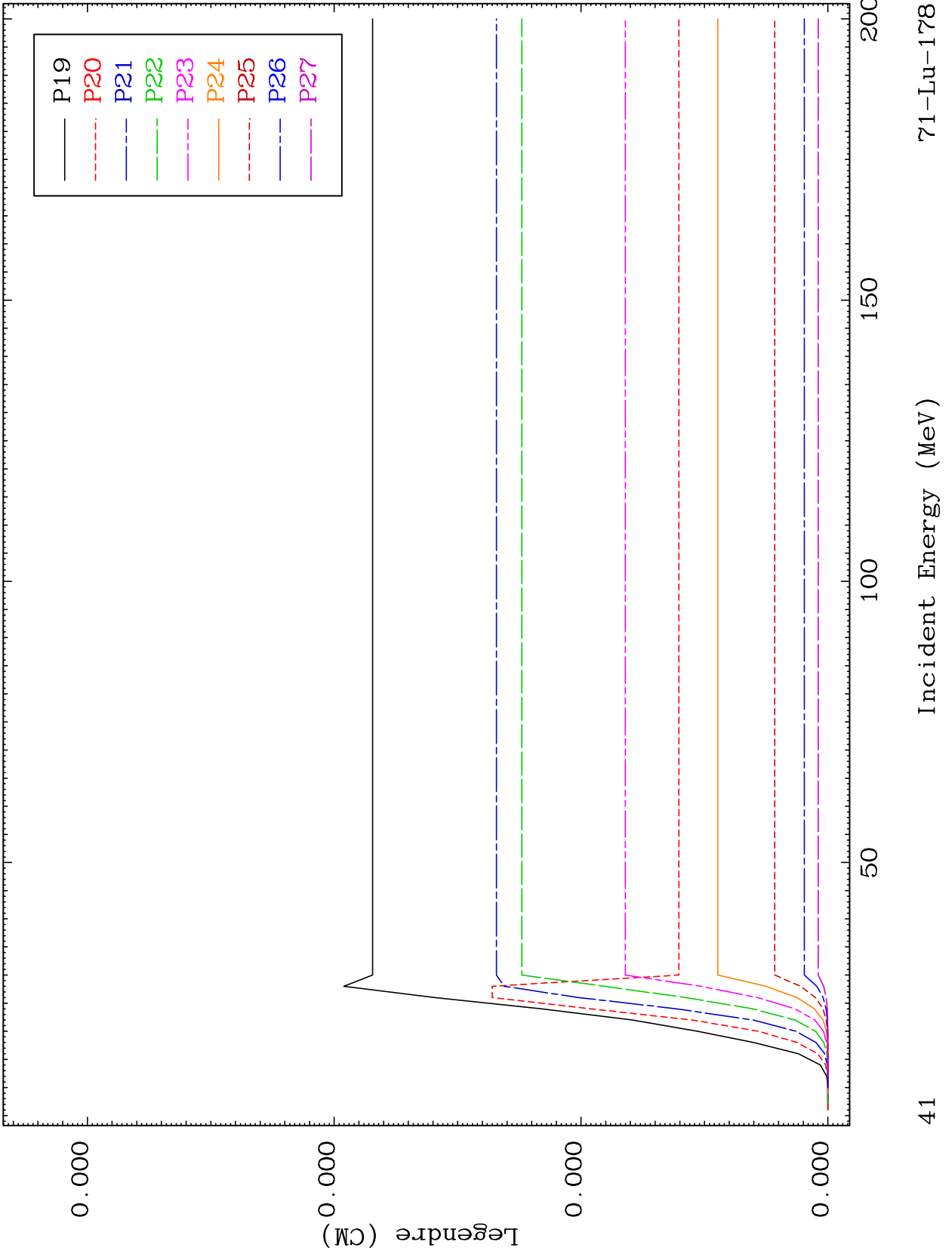
71-Lu-178



MAT 7134

215.0 keV (n,n') Level
Legendre Coefficients

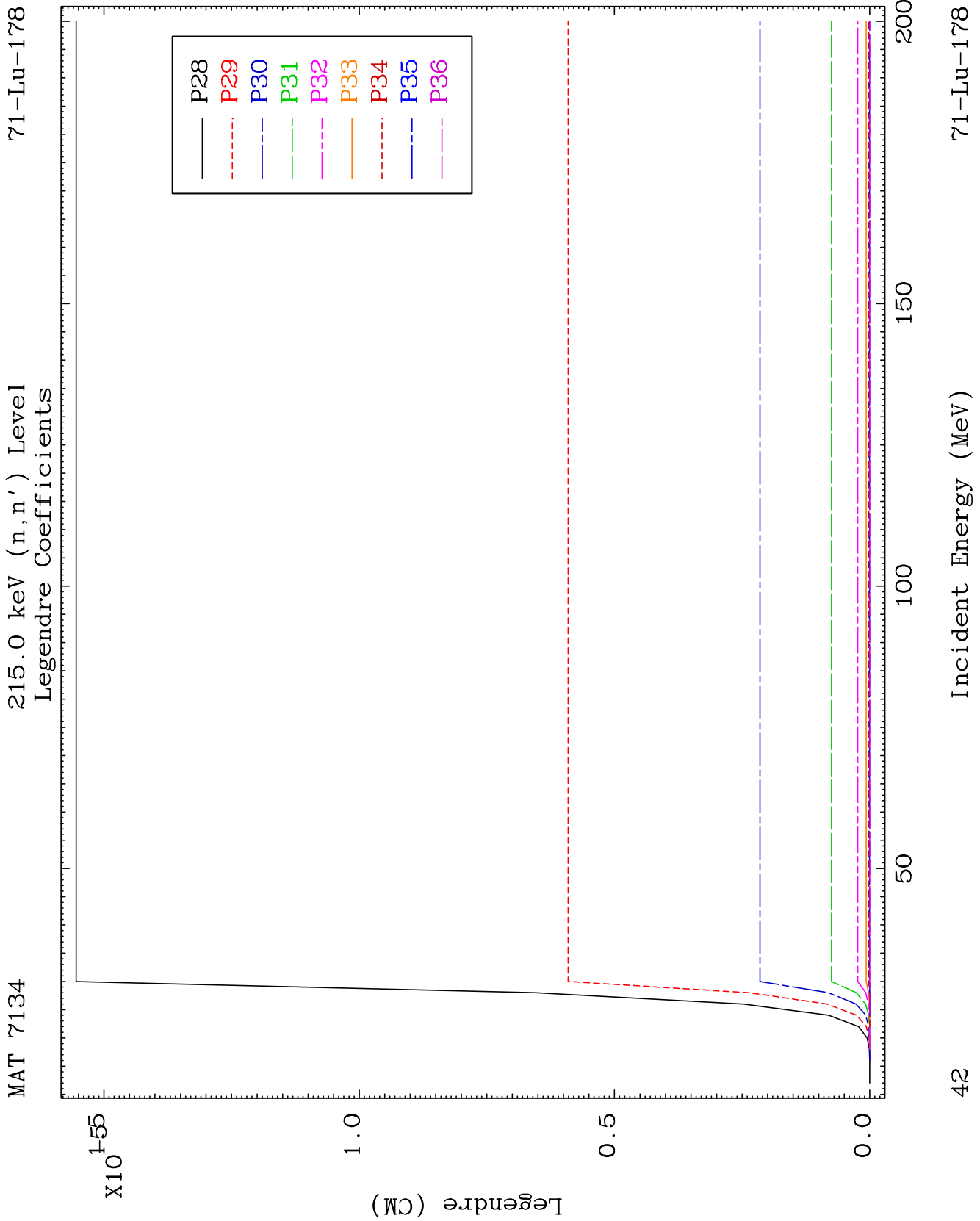
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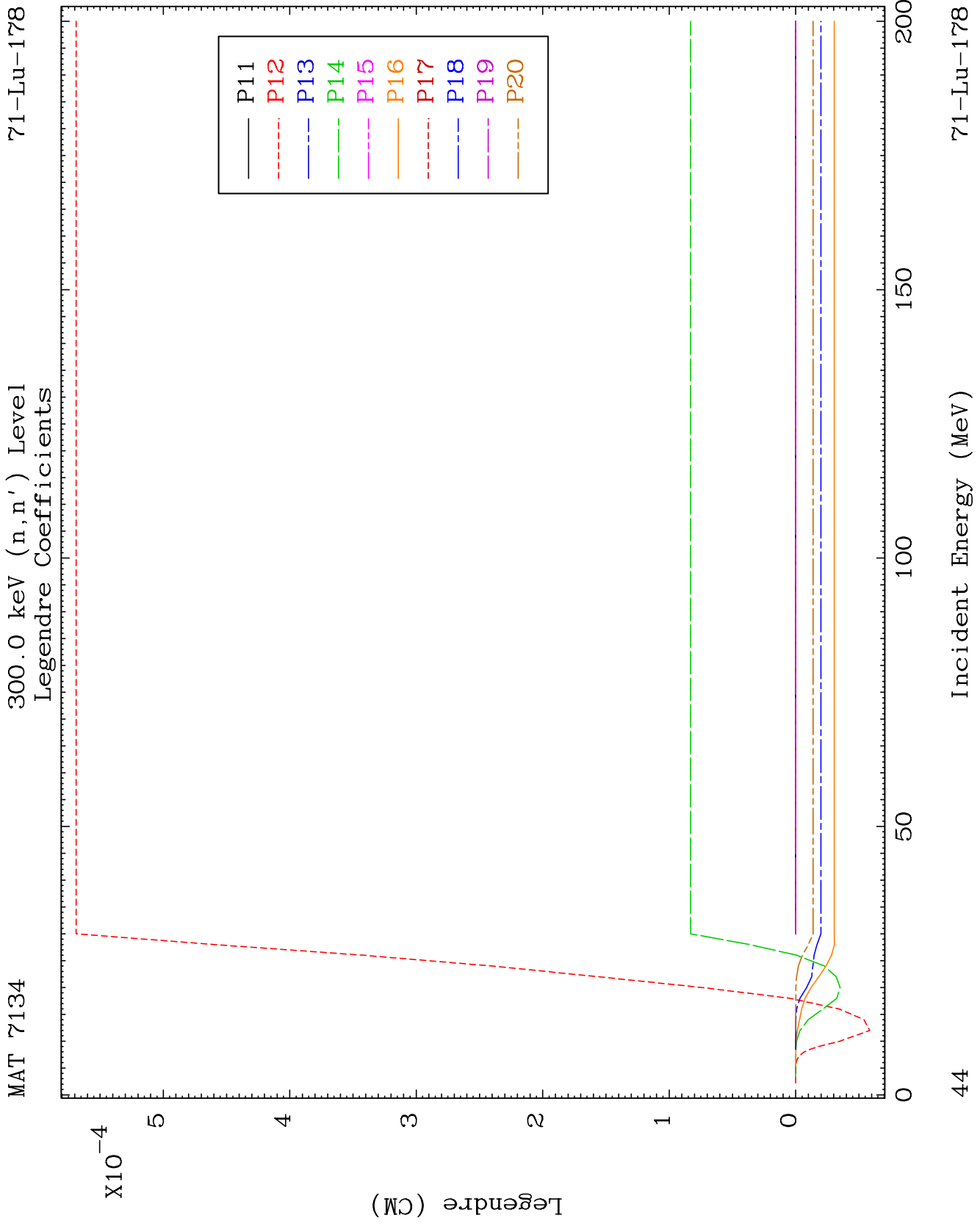


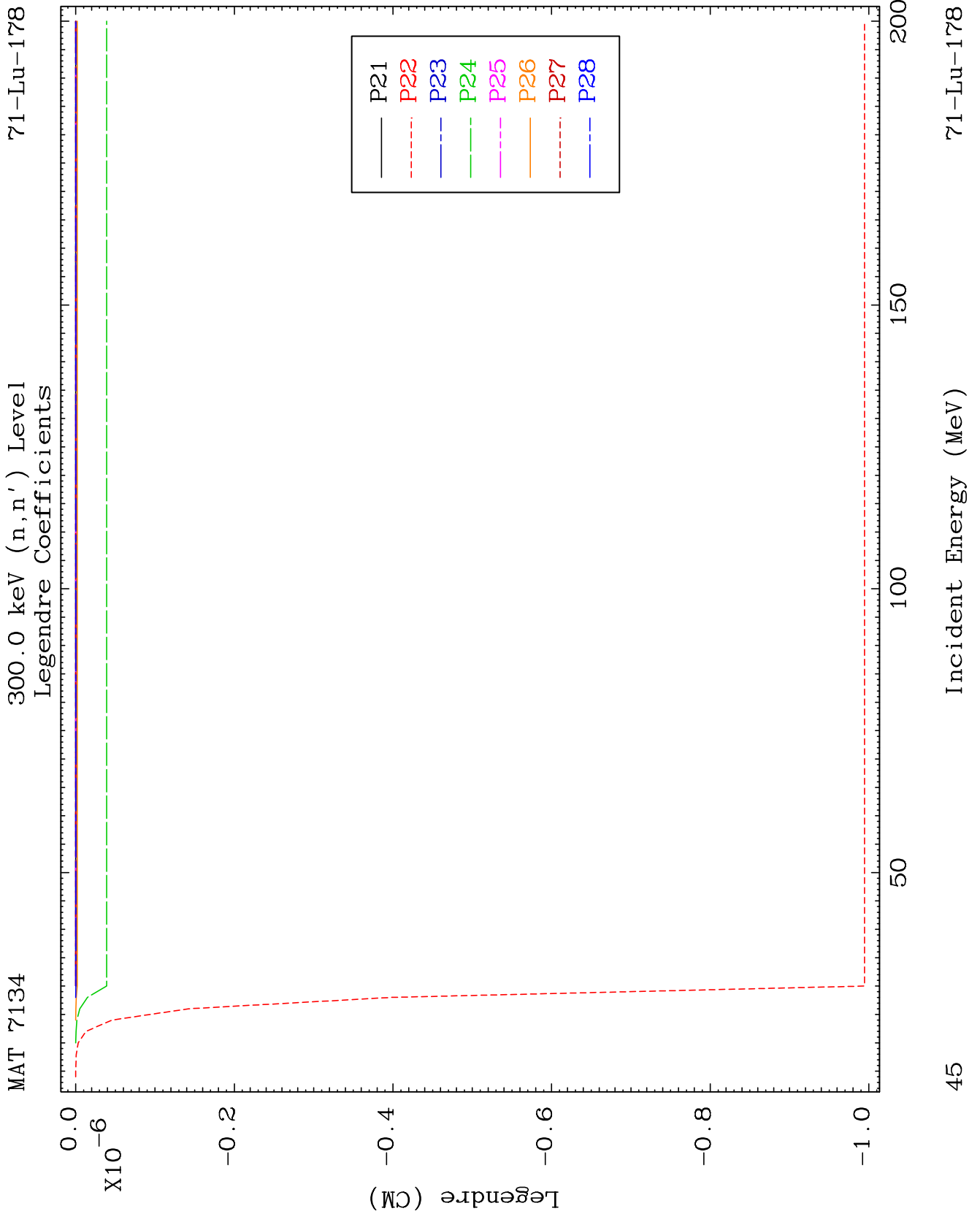
41

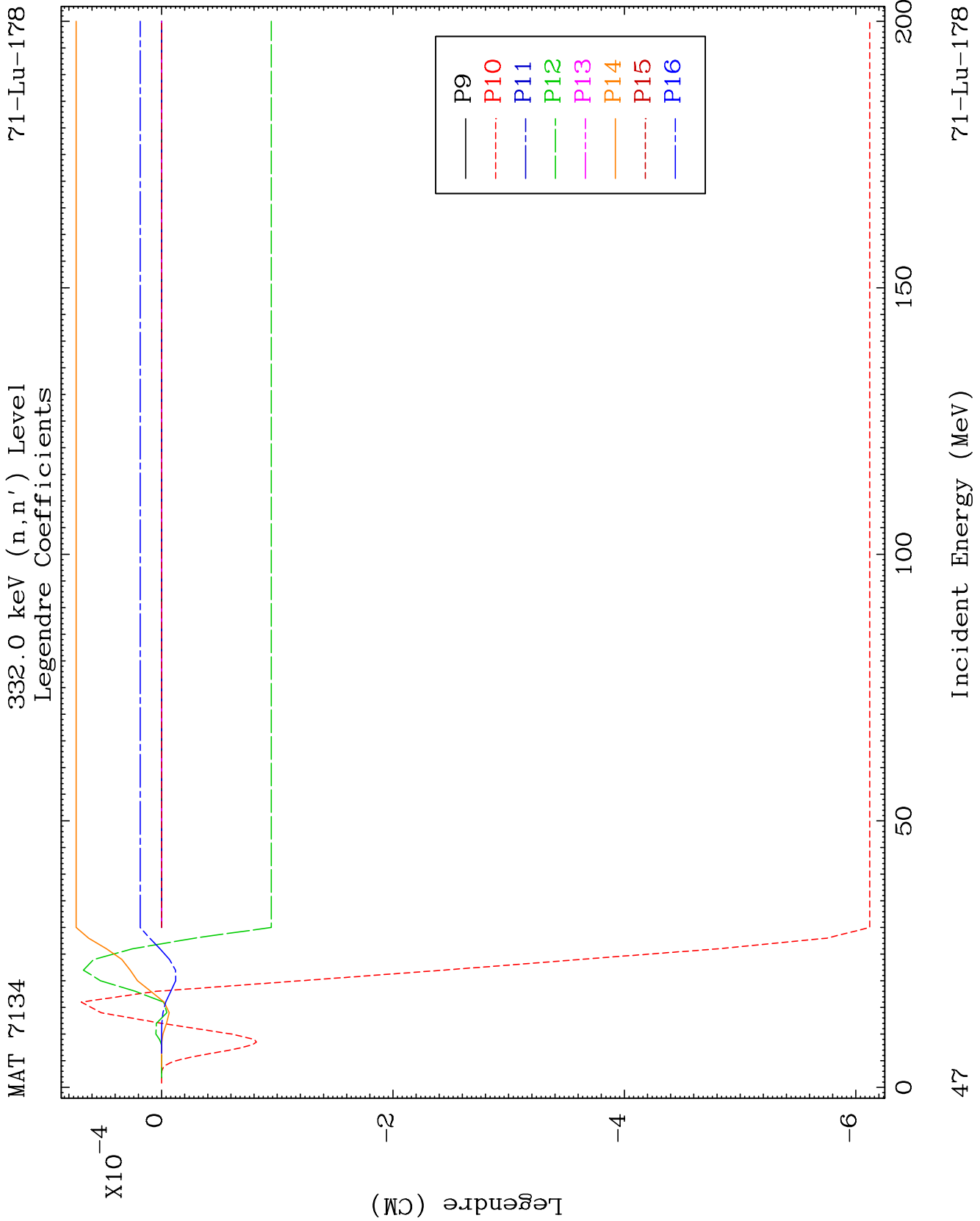
Incident Energy (MeV)

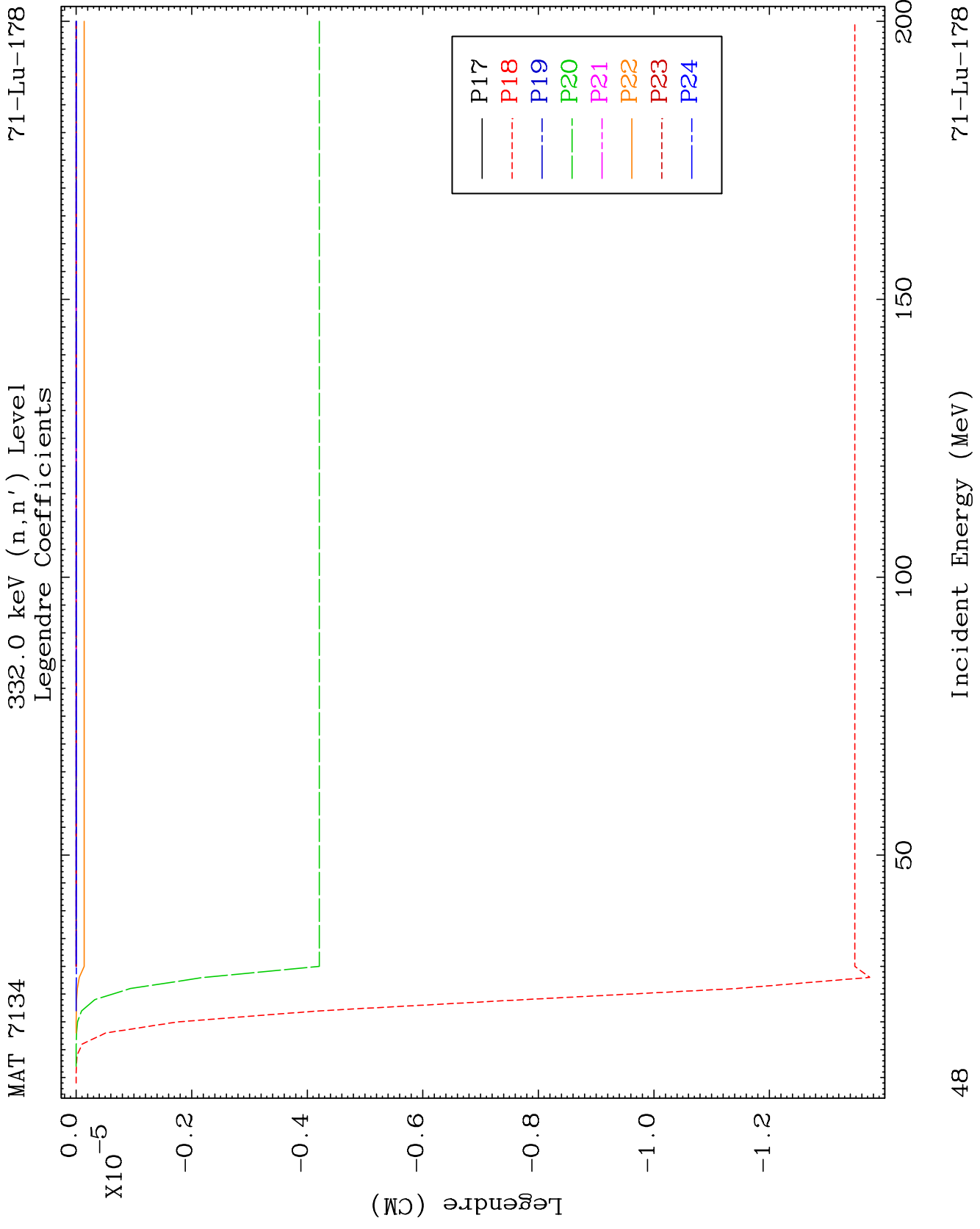
71-Lu-178







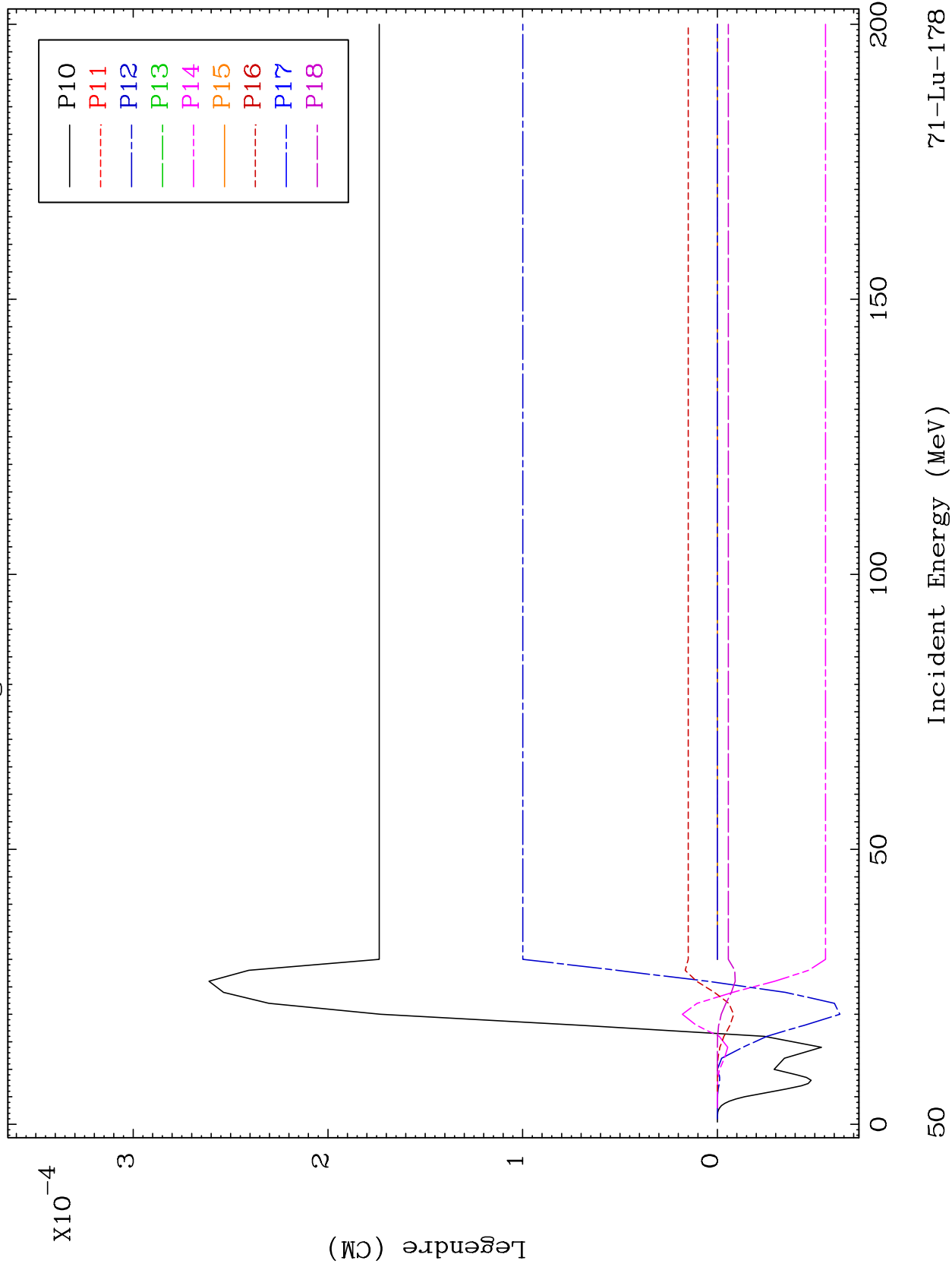




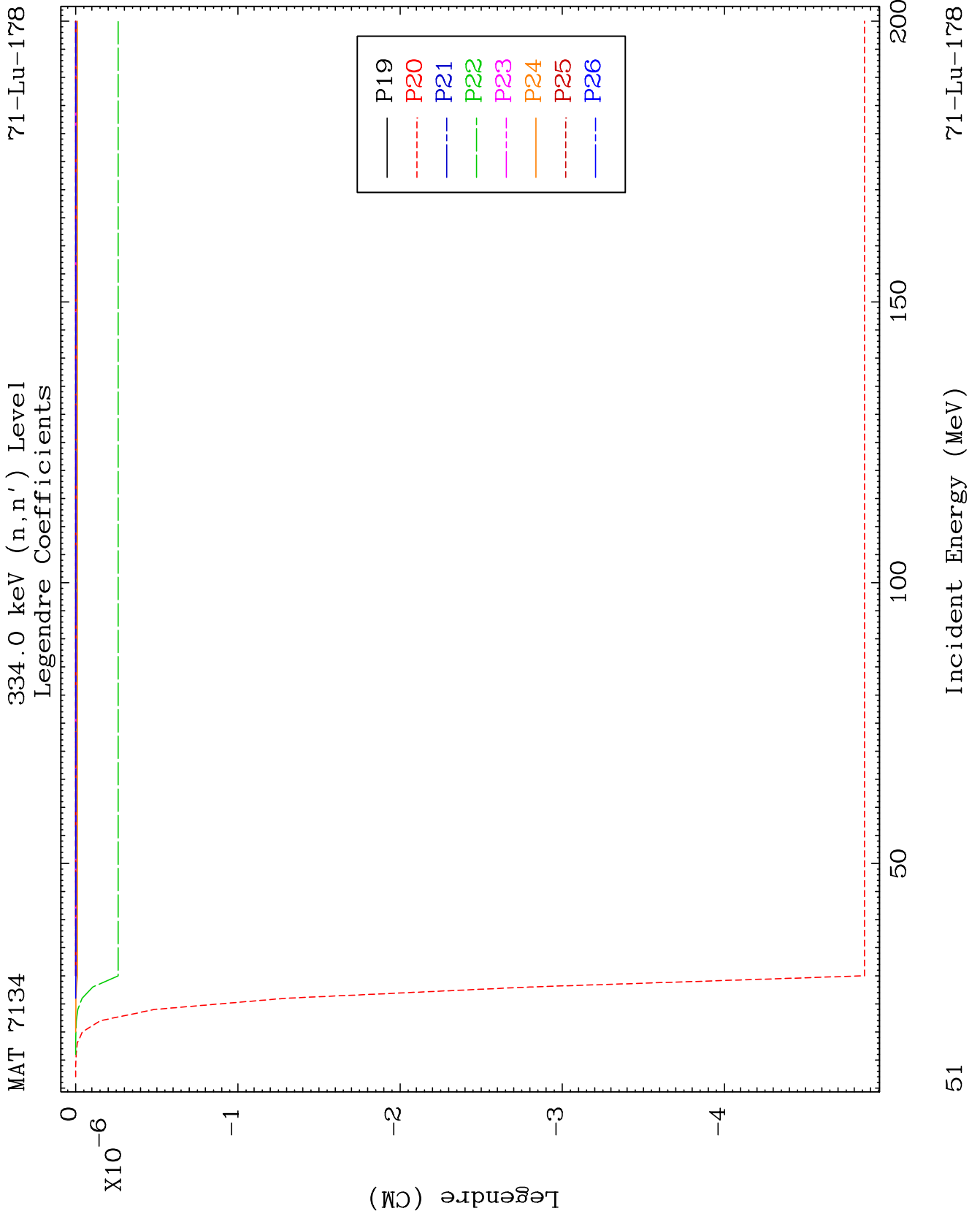
MAT 7134

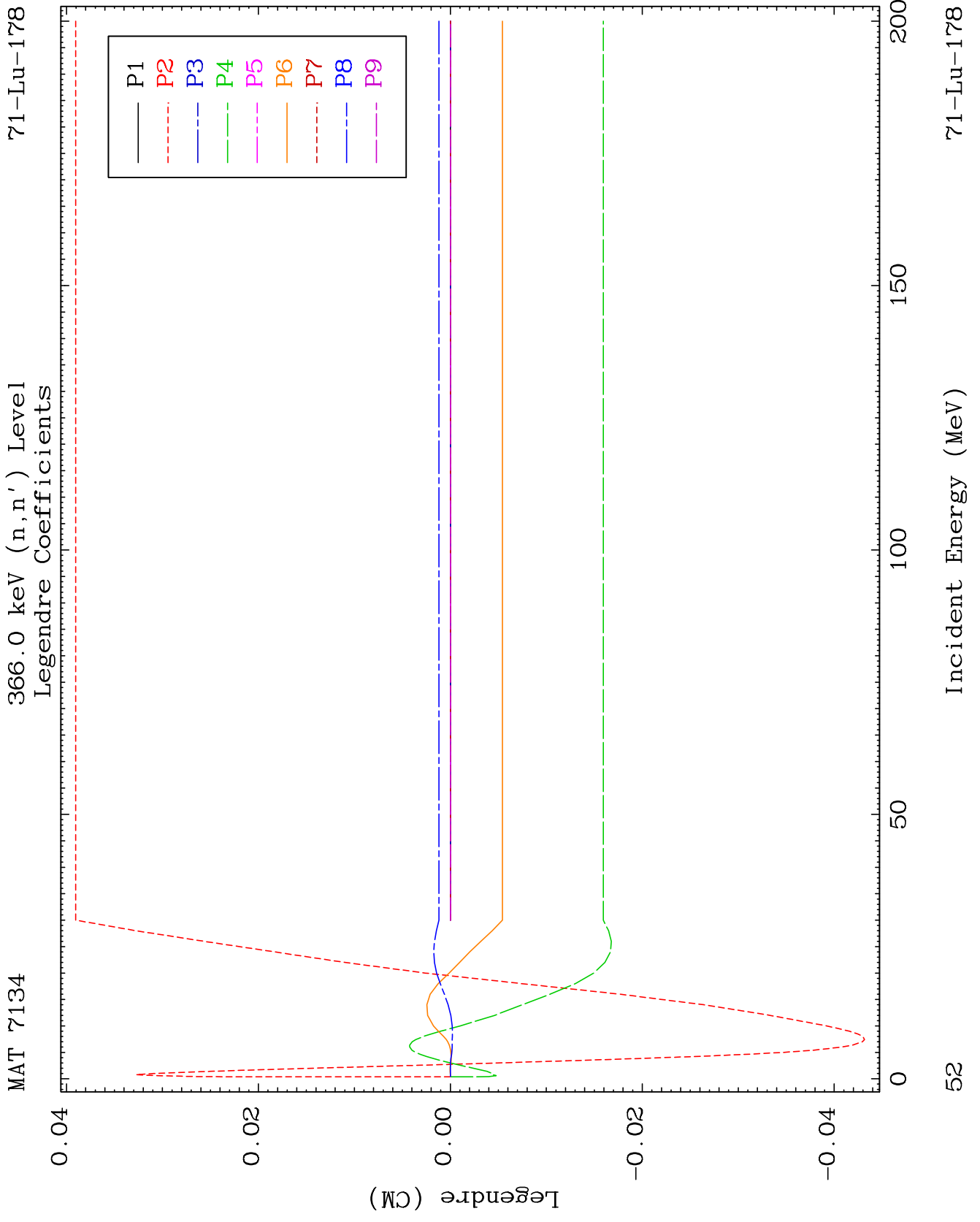
334.0 keV (n,n') Level
Legendre Coefficients

71-Lu-178



71-Lu-178

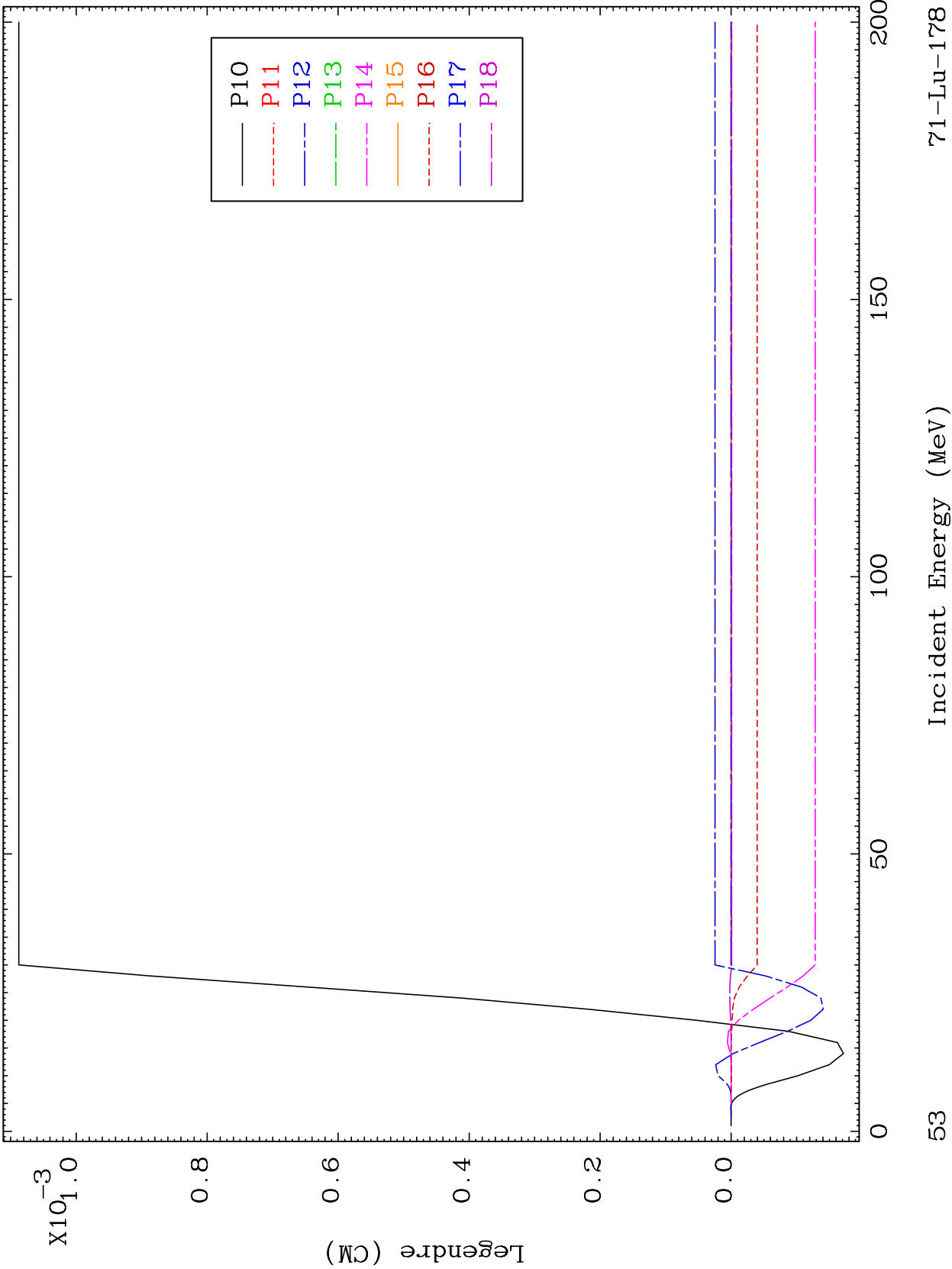




MAT 7134

366.0 keV (n, n') Level
Legendre Coefficients

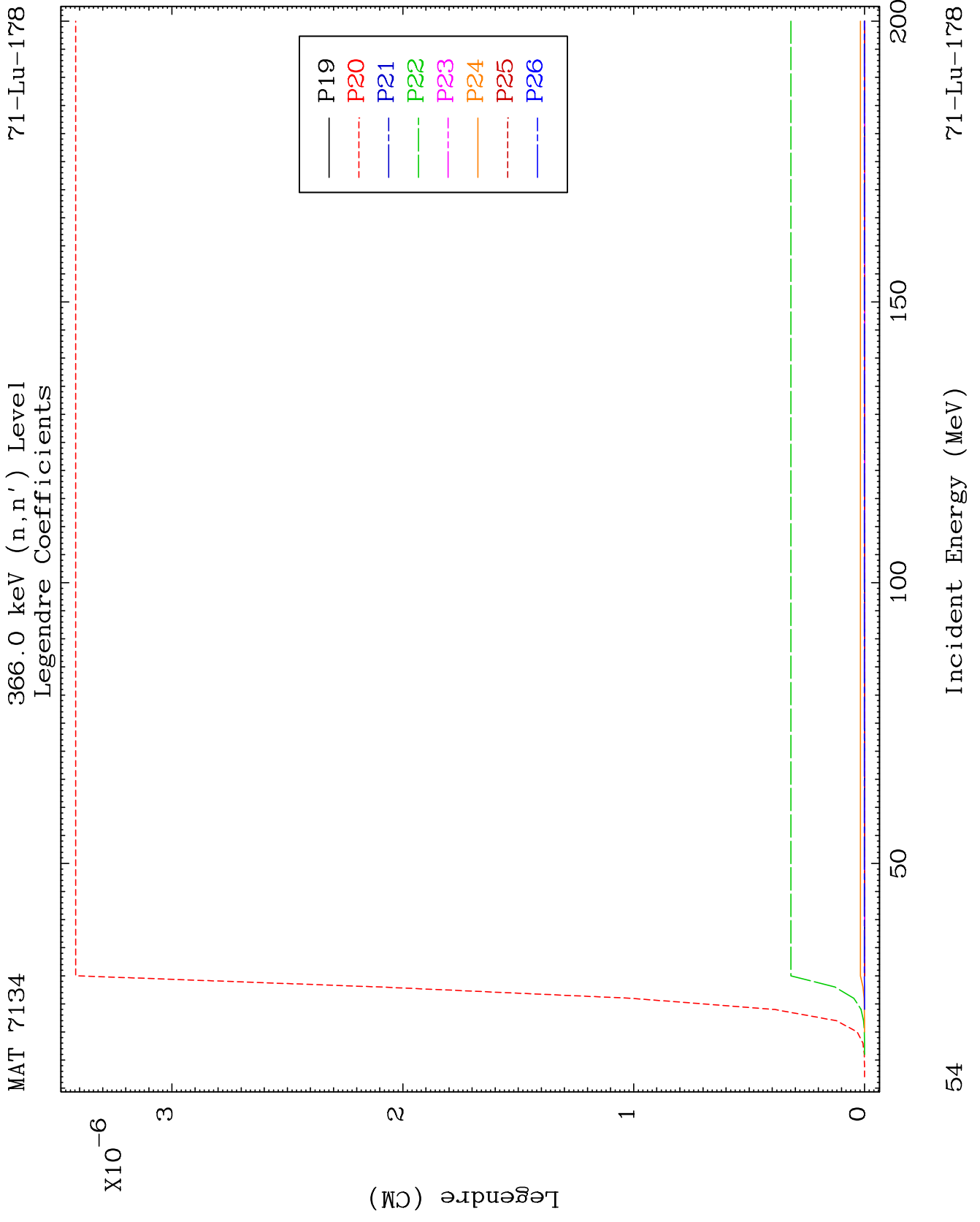
71-Lu-178

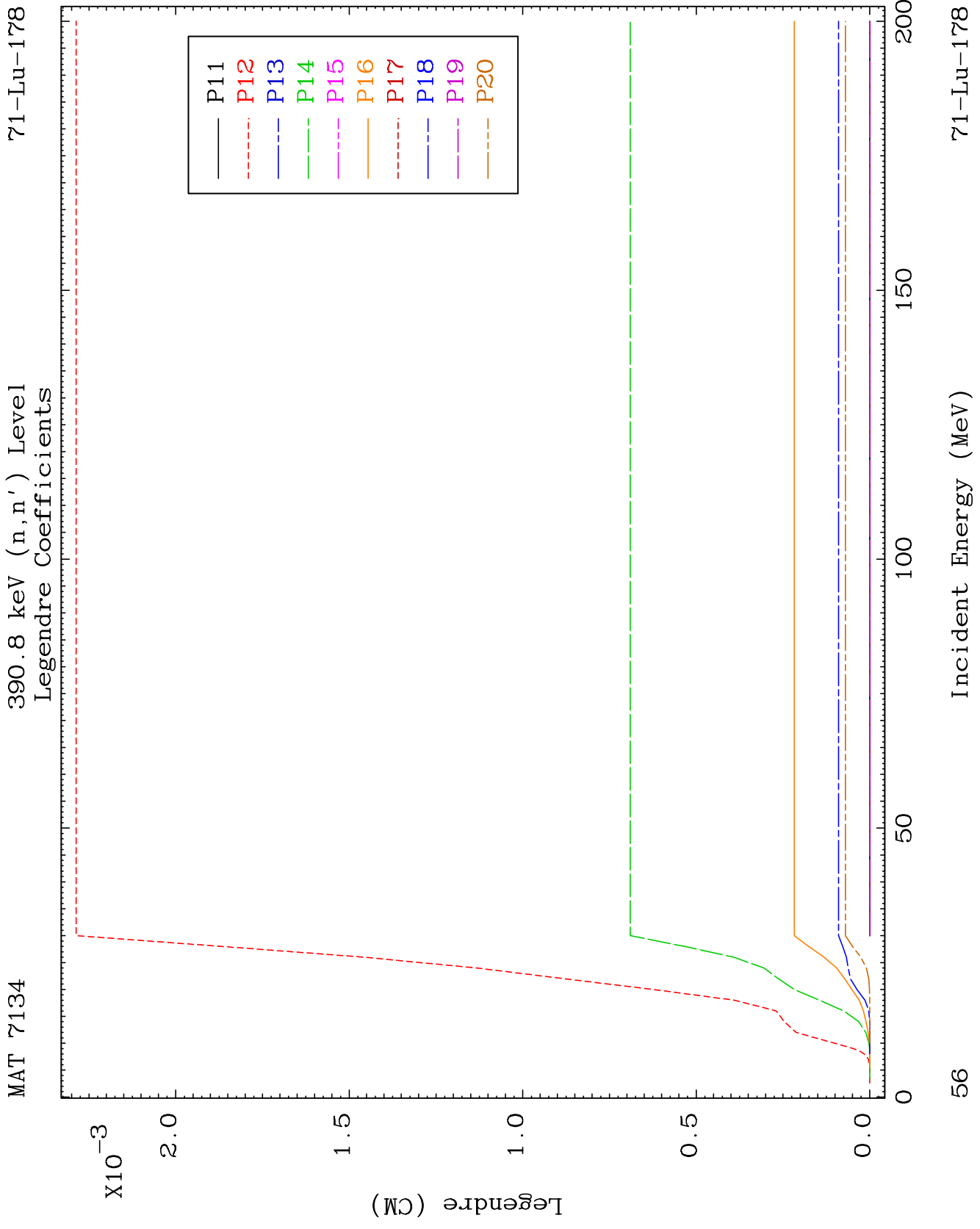


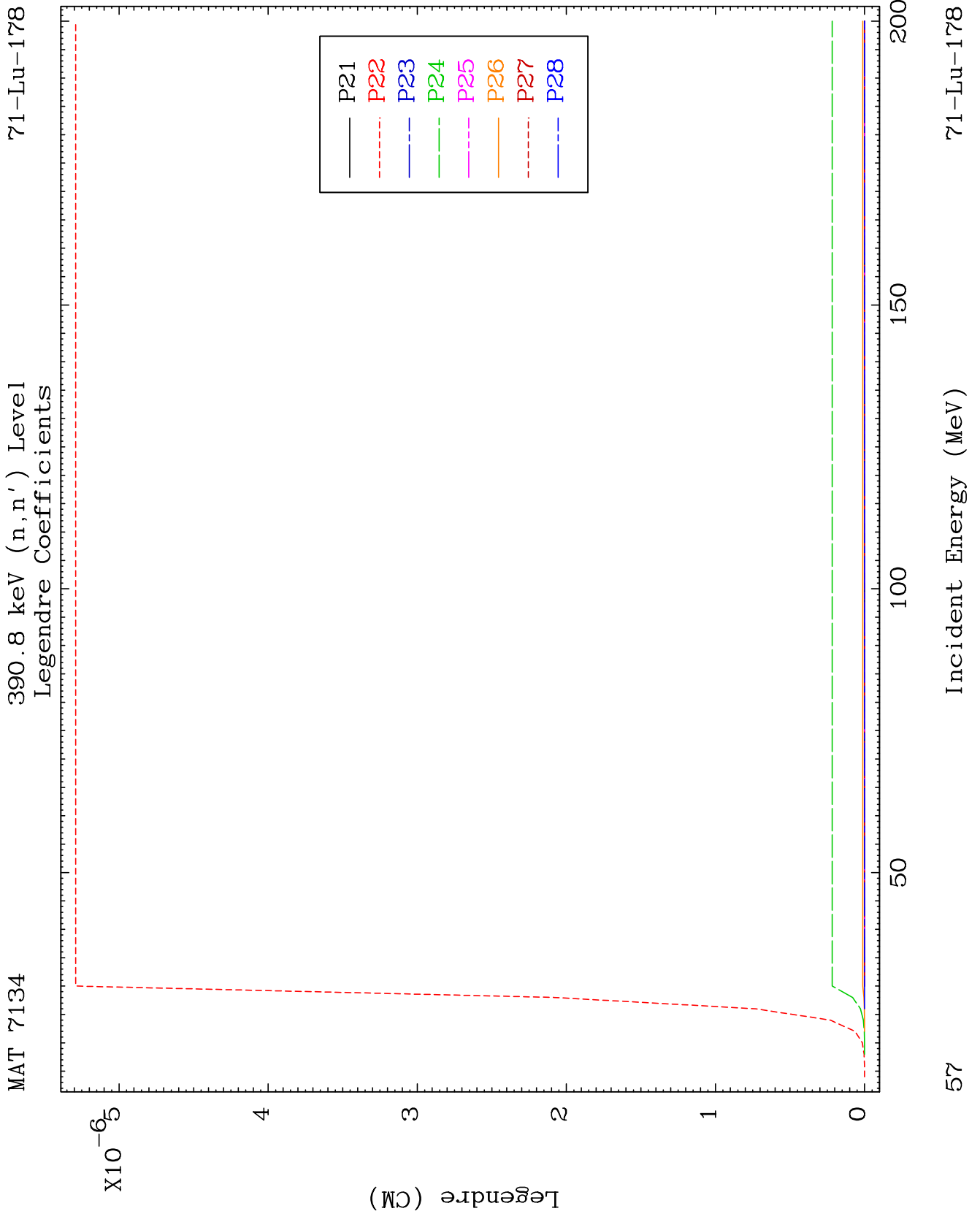
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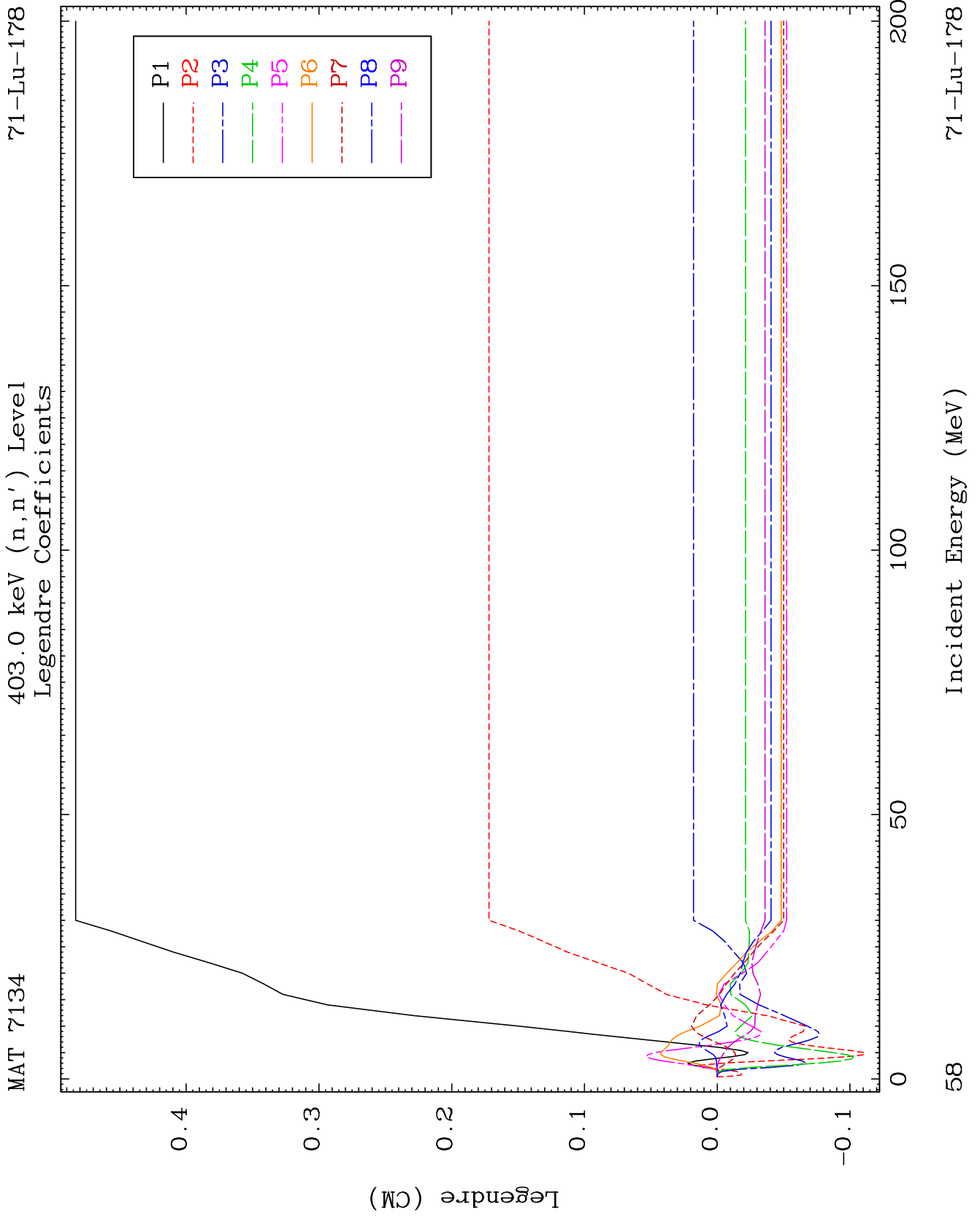
Incident Energy (MeV)

71-Lu-178





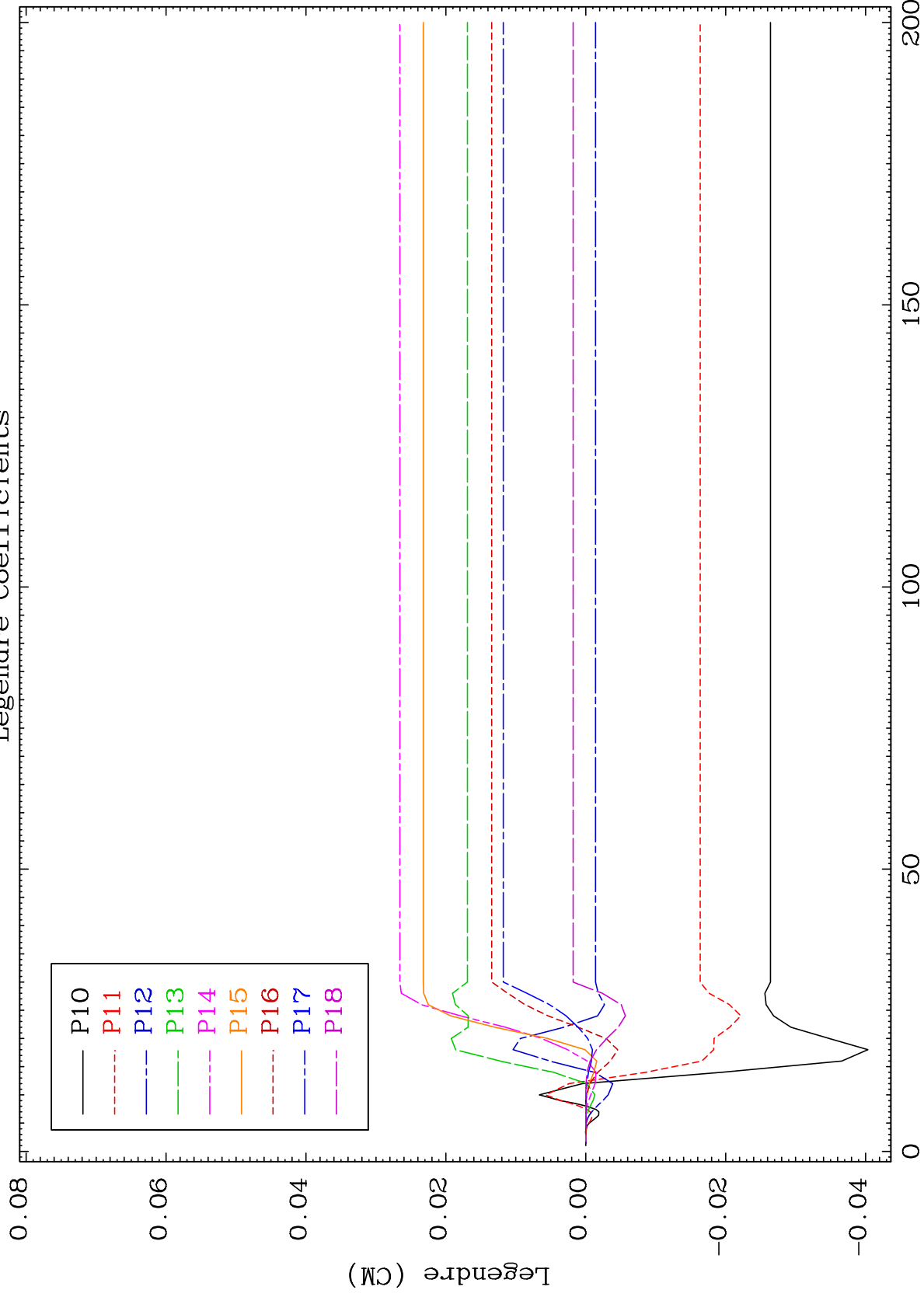




MAT 7134

403.0 keV (n,n') Level
Legendre Coefficients

71-Lu-178



59

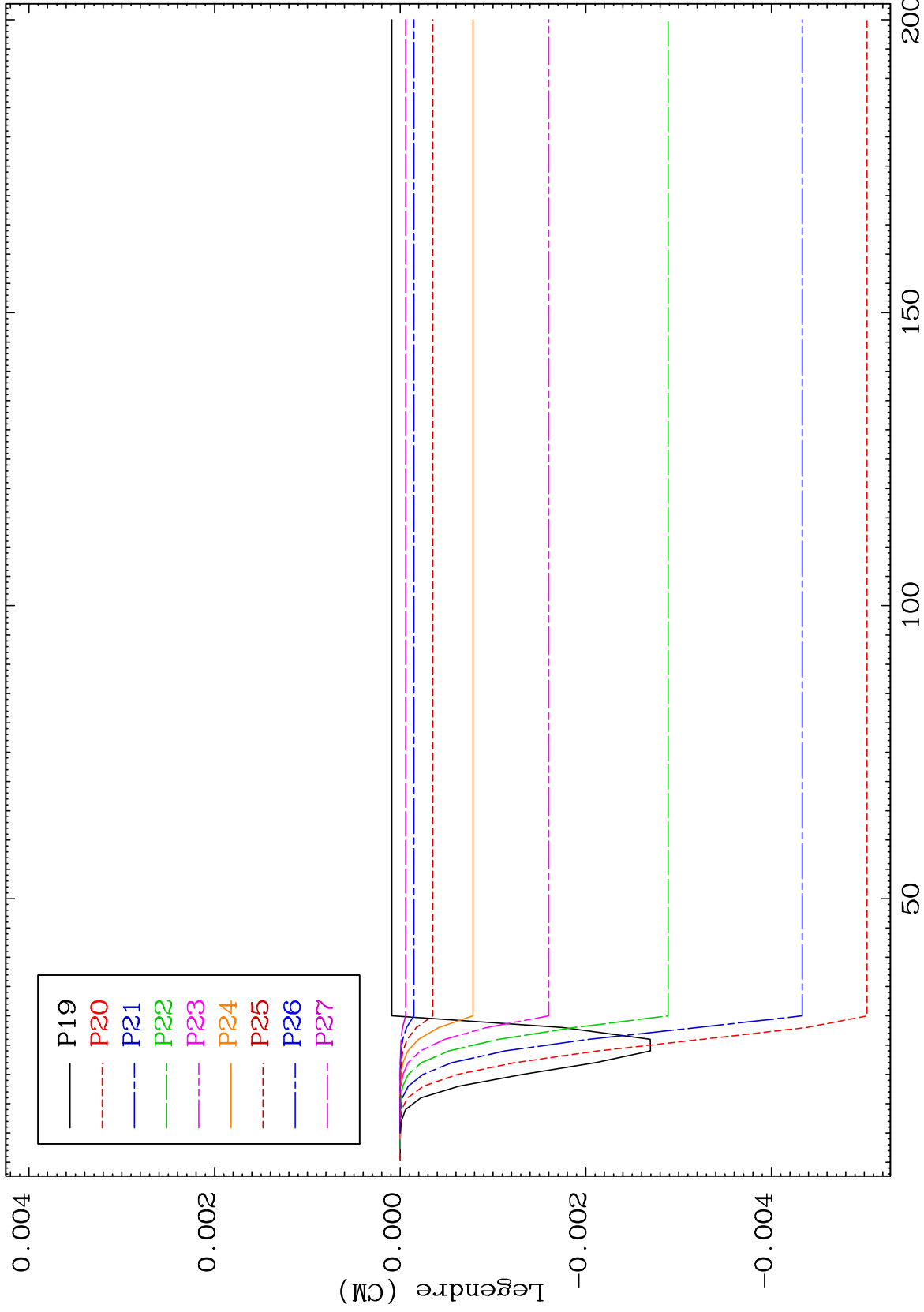
Incident Energy (MeV)

71-Lu-178

MAT 7134

403.0 keV (n,n') Level
Legendre Coefficients

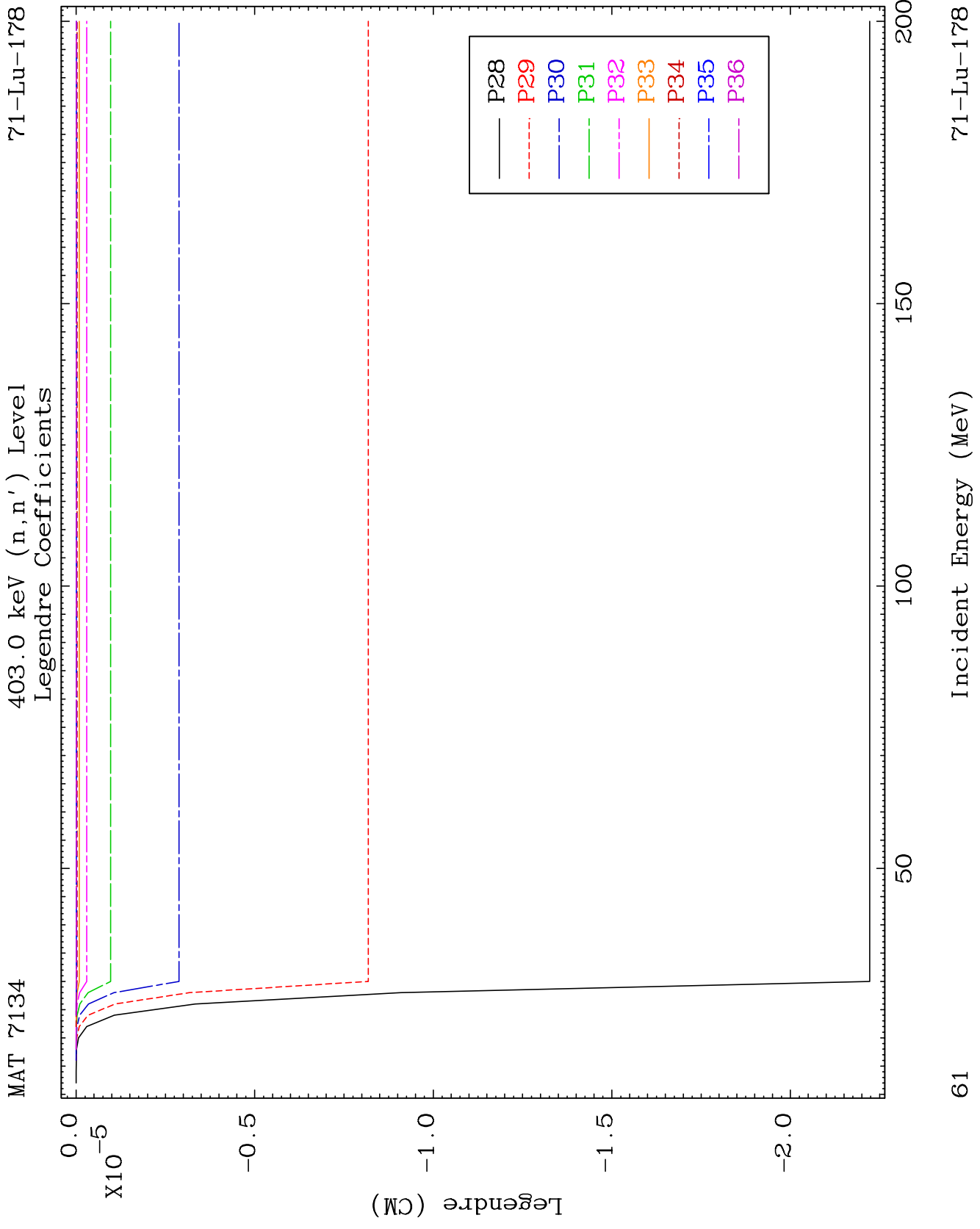
71-Lu-178

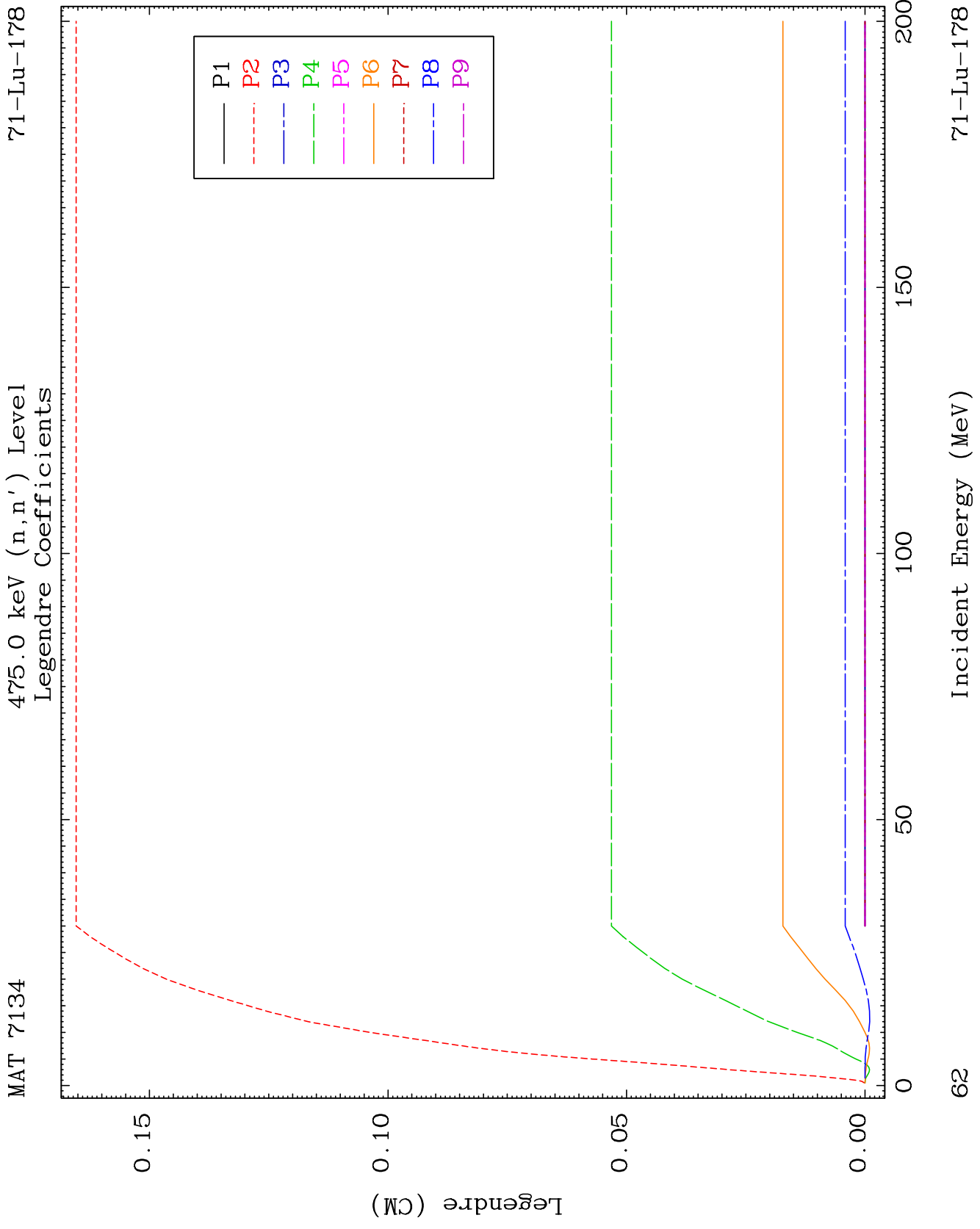


60

Incident Energy (MeV)

71-Lu-178

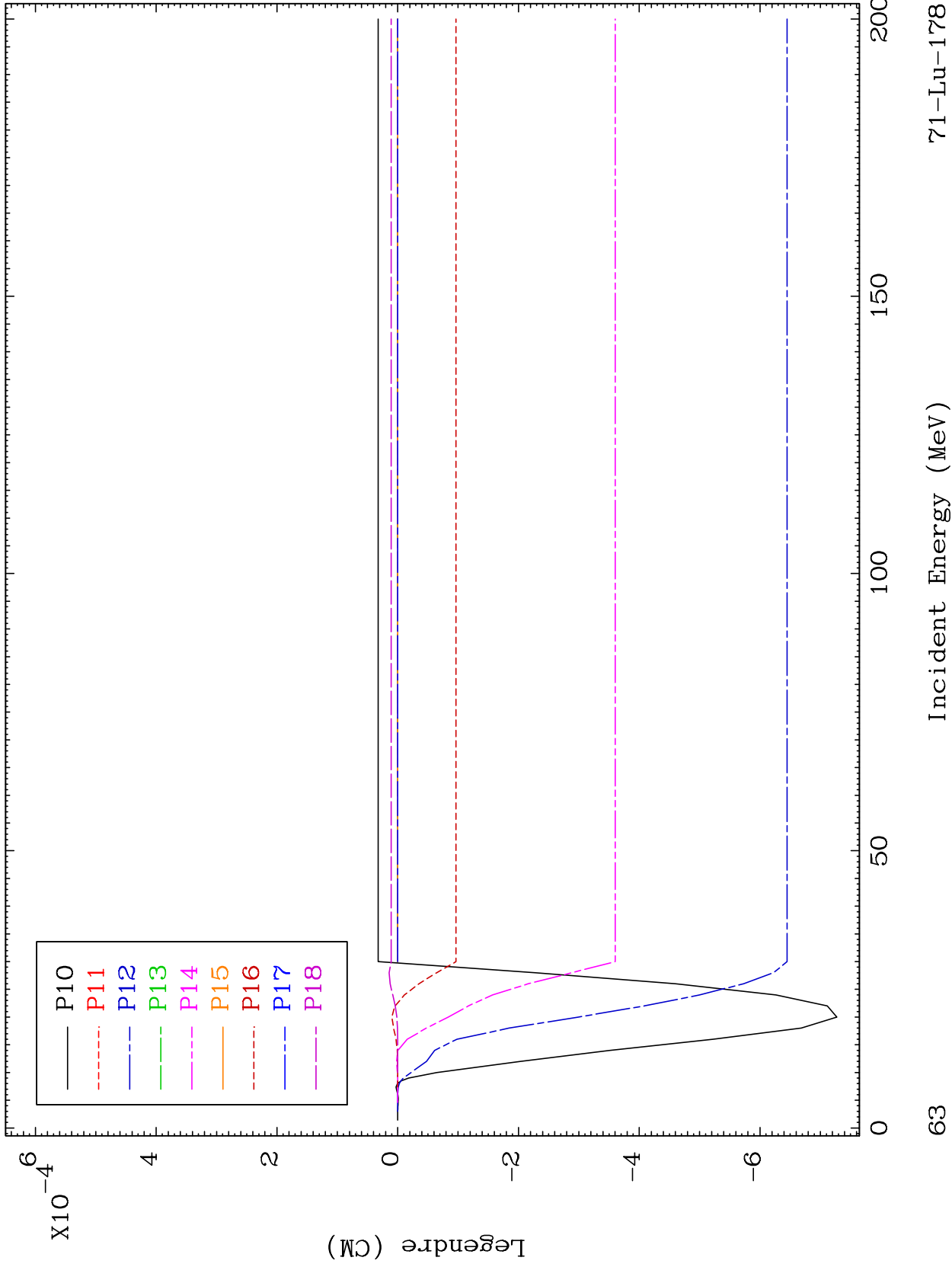




MAT 7134

475.0 keV (n,n') Level
Legendre Coefficients

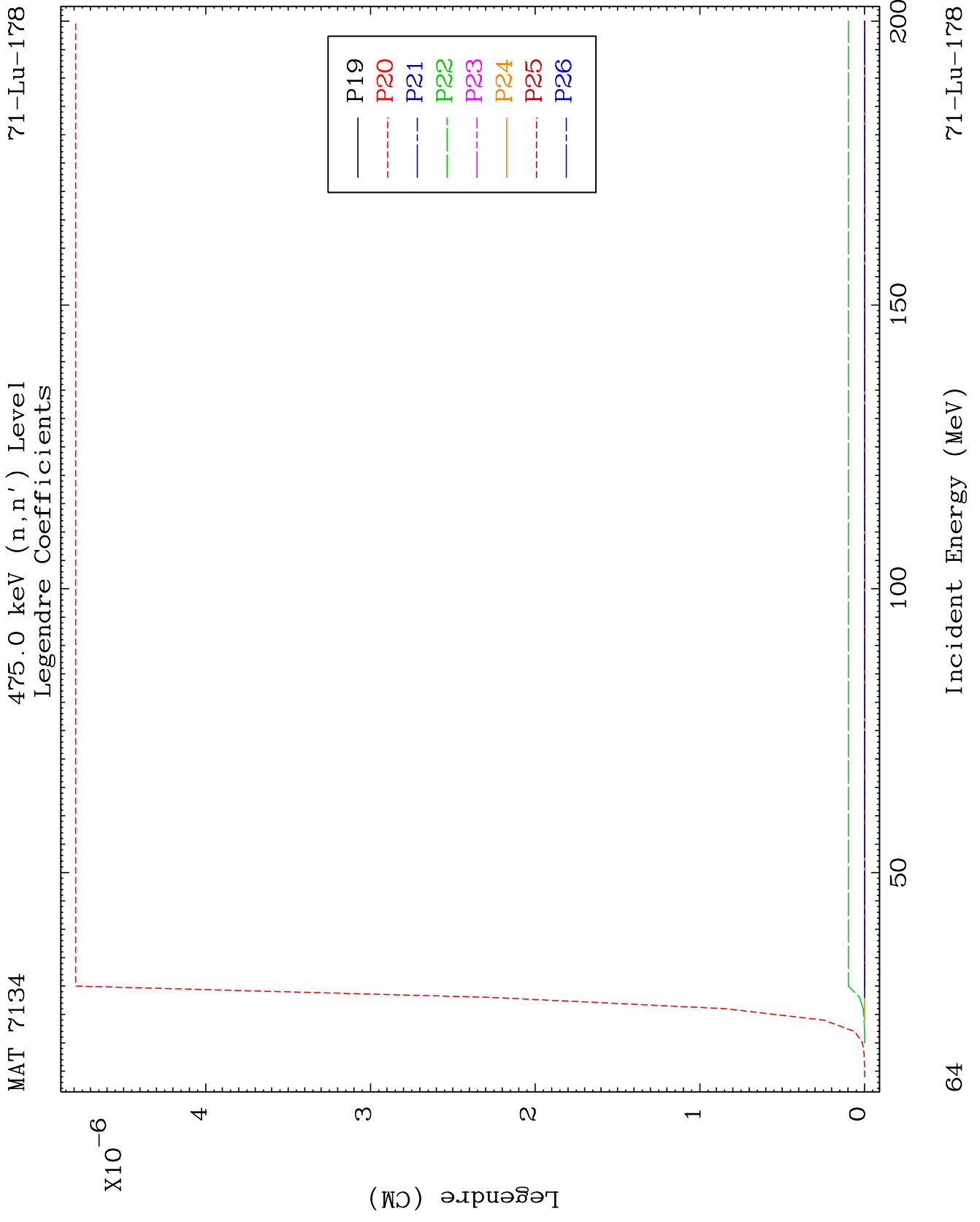
71-Lu-178



71-Lu-178

Incident Energy (MeV)

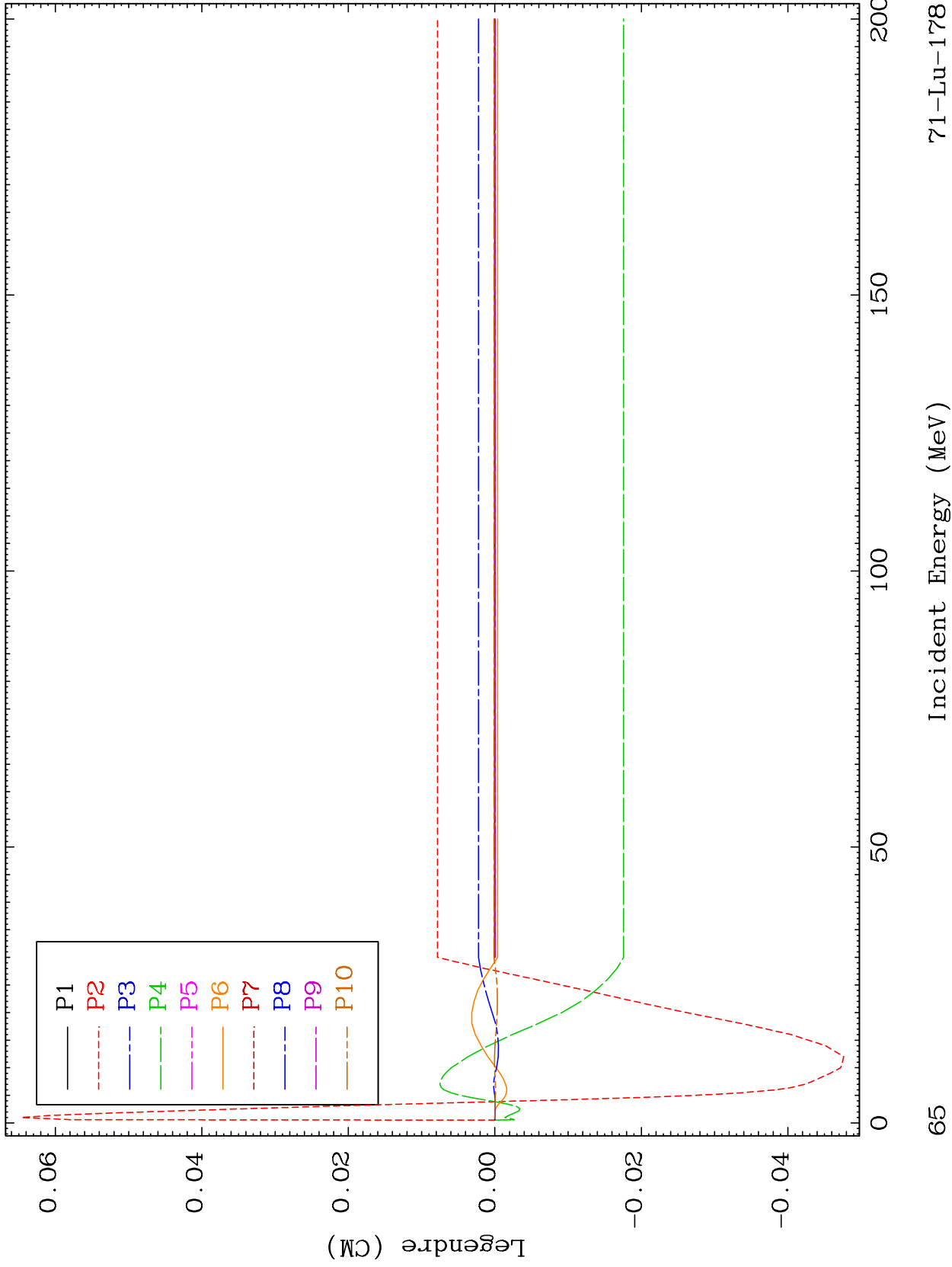
63



MAT 7134

499.0 keV (n,n') Level
Legendre Coefficients

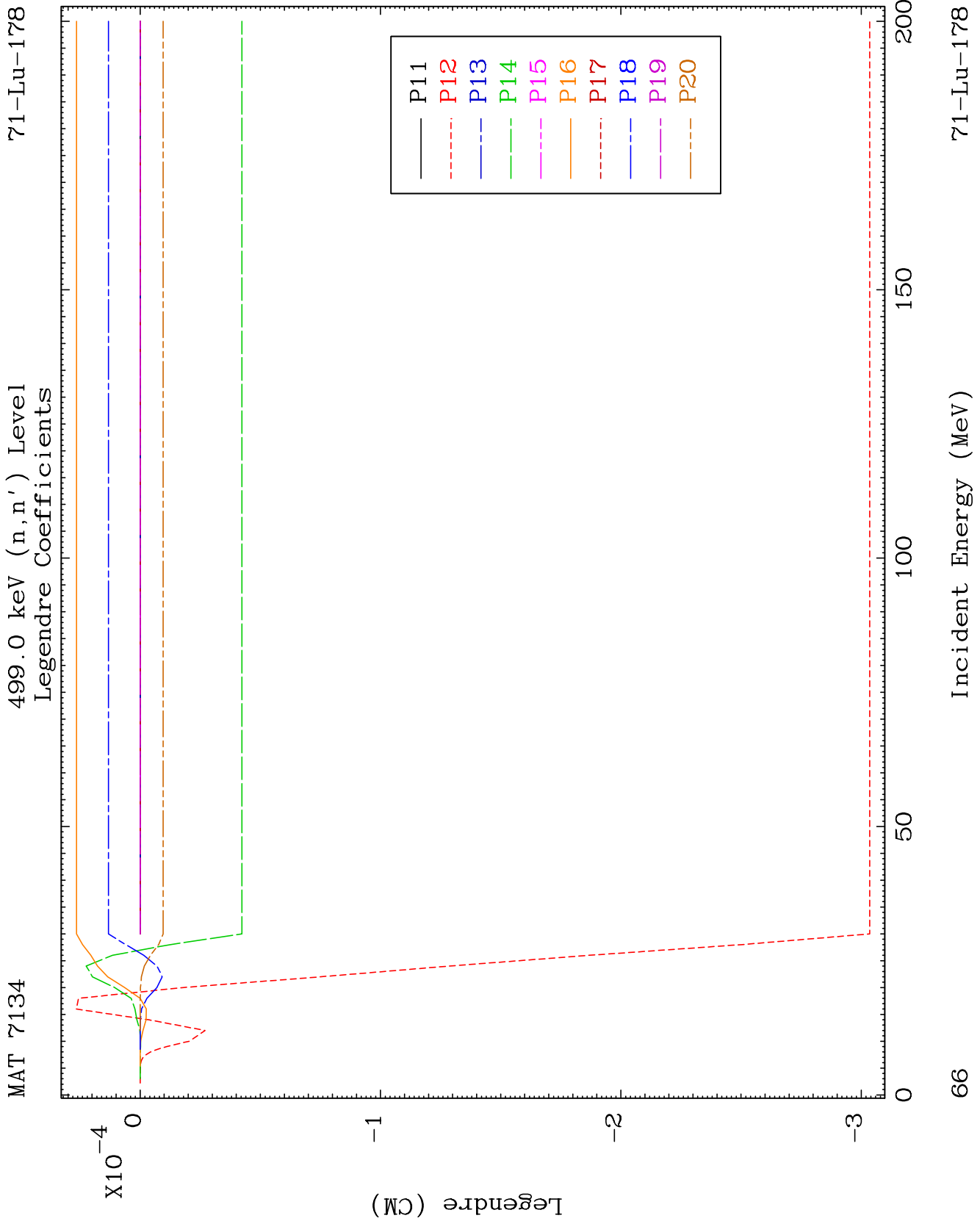
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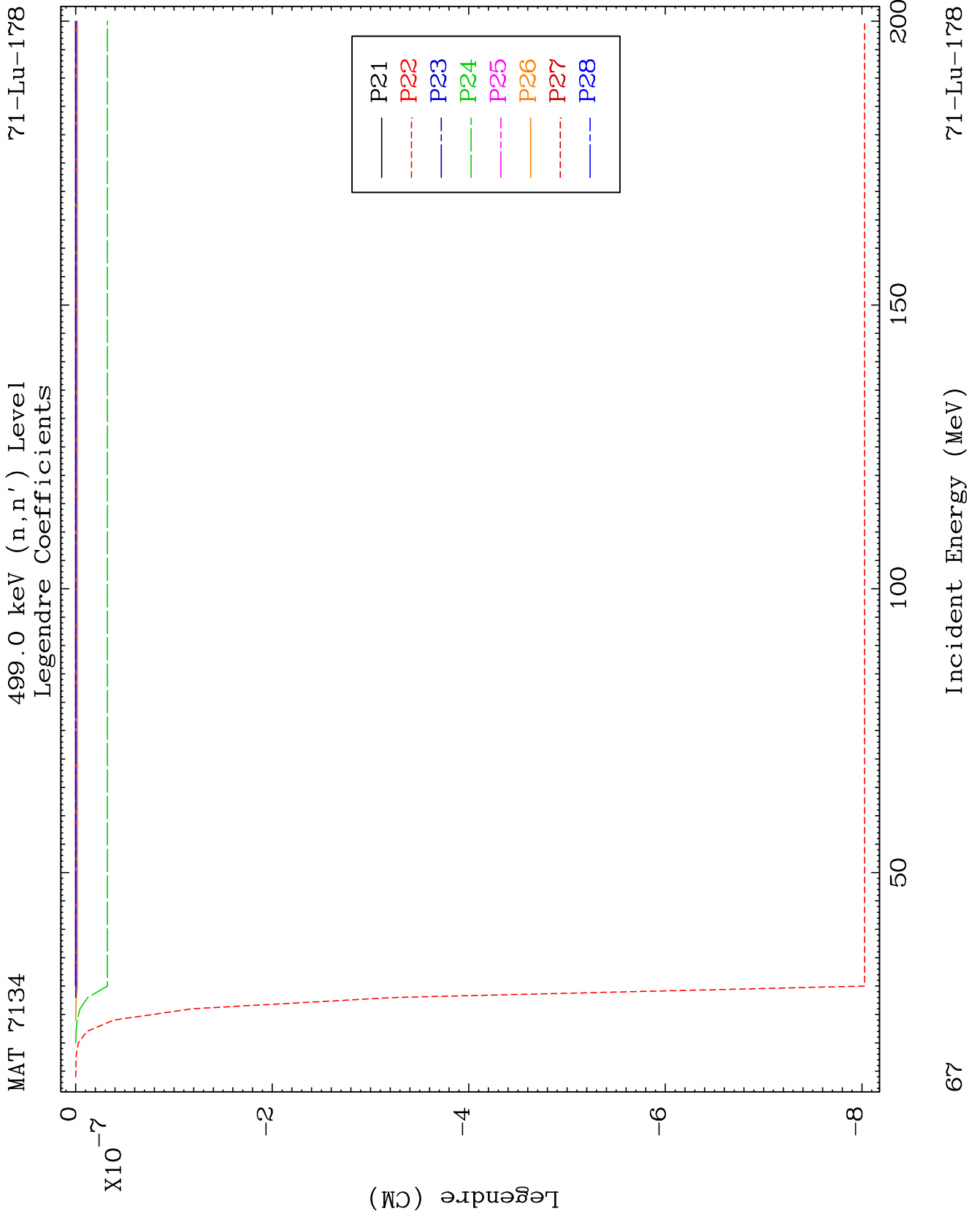


71-Lu-178

Incident Energy (MeV)

65

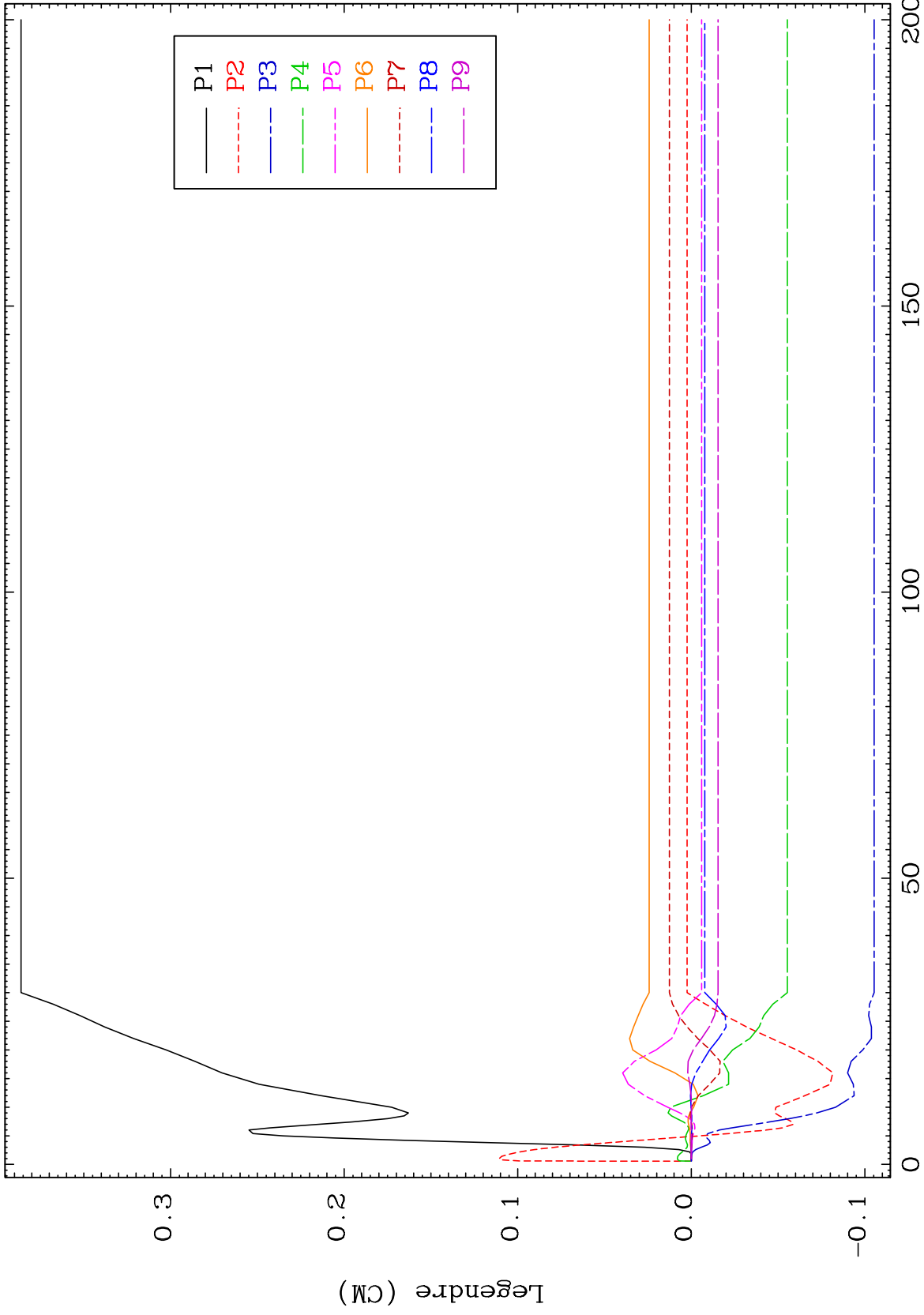




MAT 7134

553.0 keV (n,n') Level
Legendre Coefficients

71-Lu-178



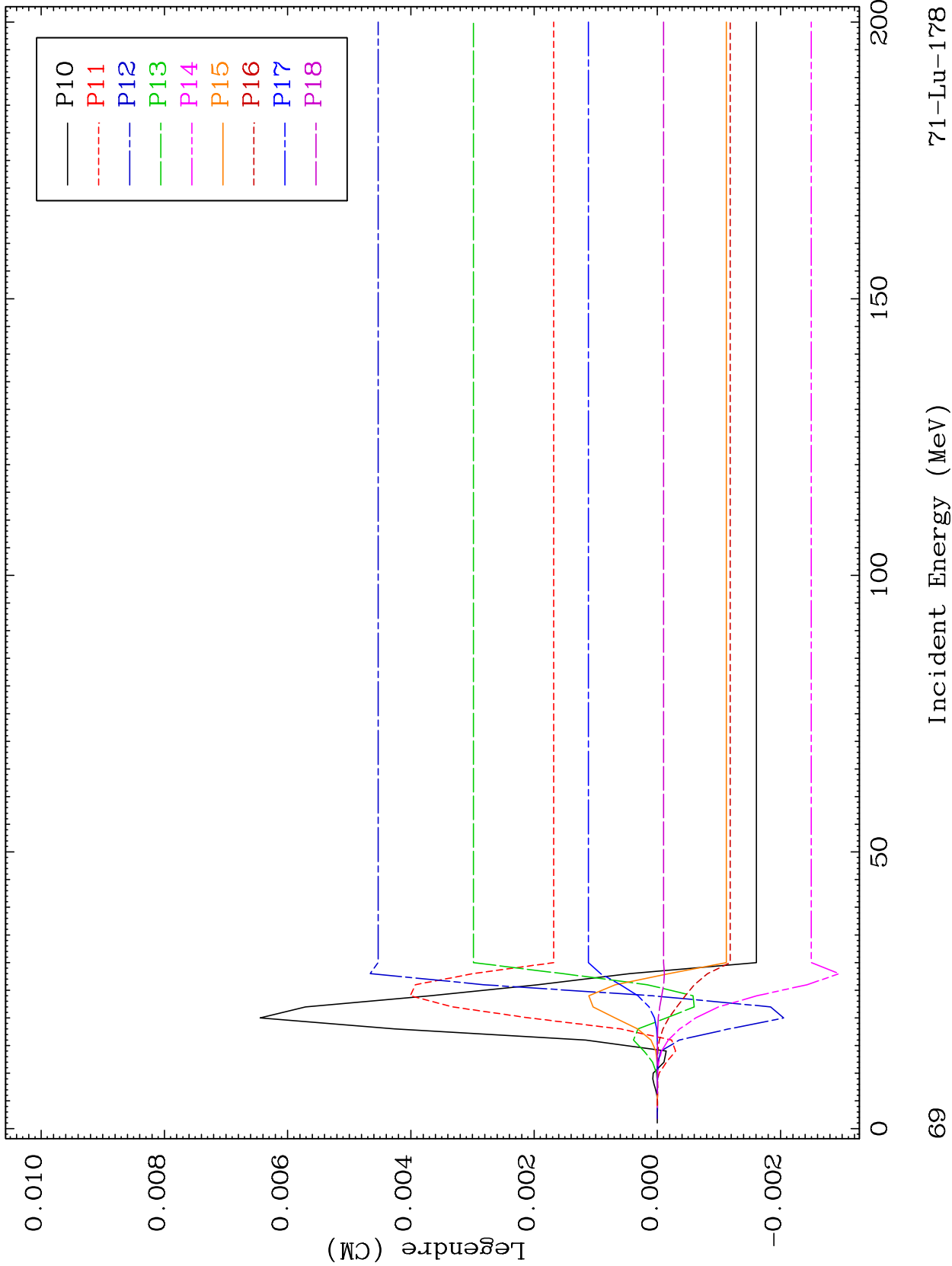
68

71-Lu-178

MAT 7134

553.0 keV (n,n') Level
Legendre Coefficients

71-Lu-178



69

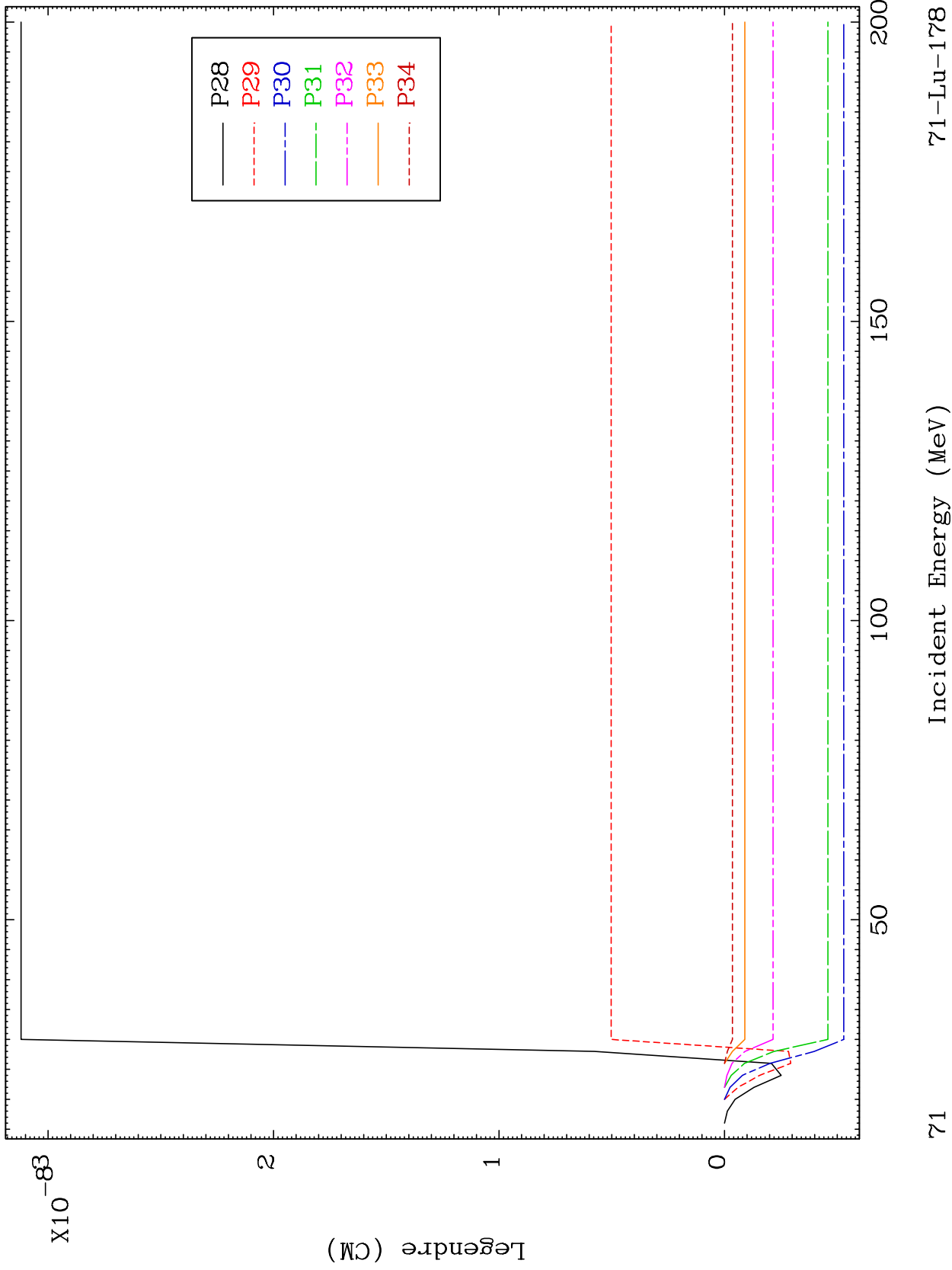
Incident Energy (MeV)

71-Lu-178

MAT 7134

553.0 keV (n,n') Level
Legendre Coefficients

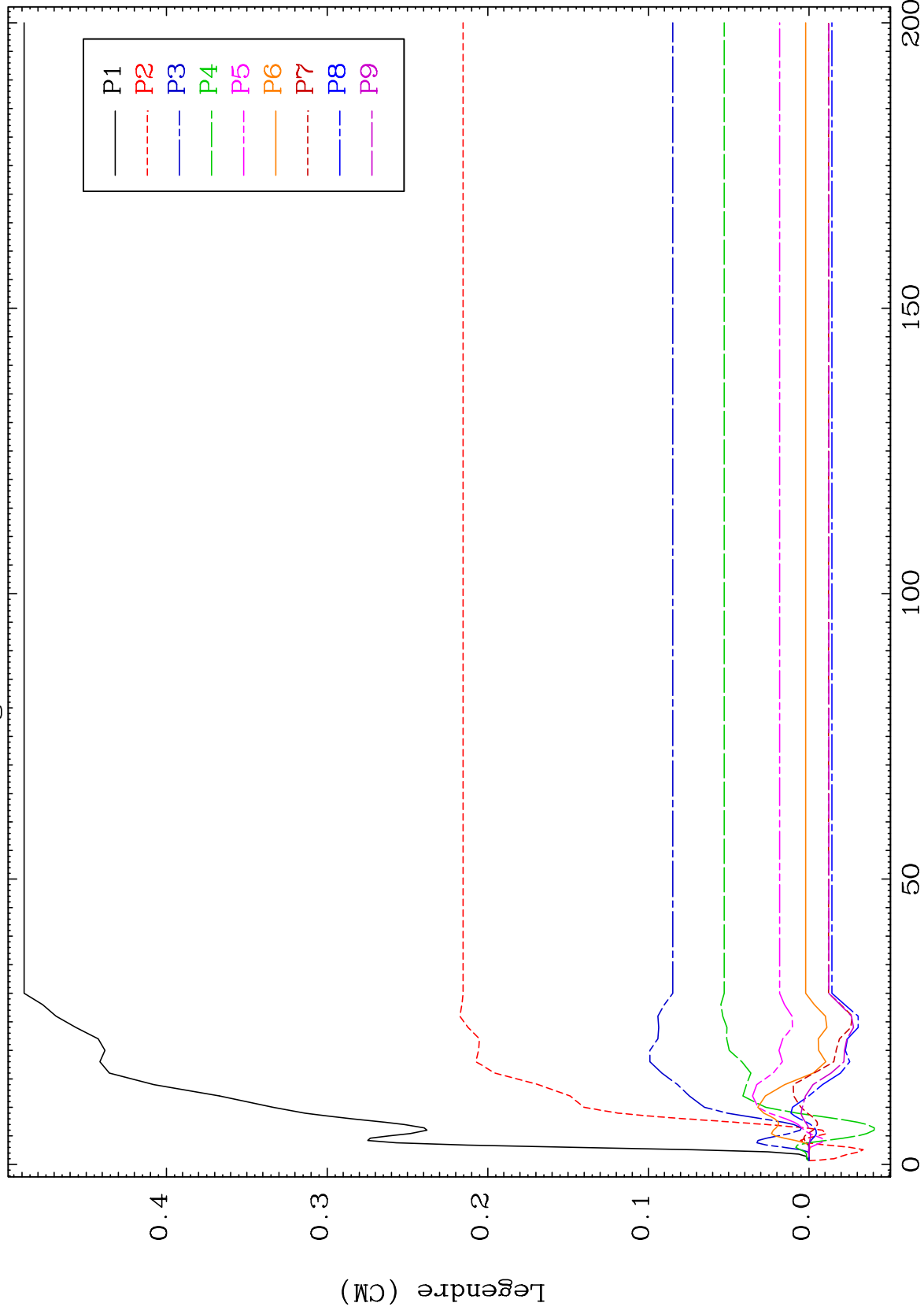
71-Lu-178



MAT 7134

656.0 keV (n,n') Level
Legendre Coefficients

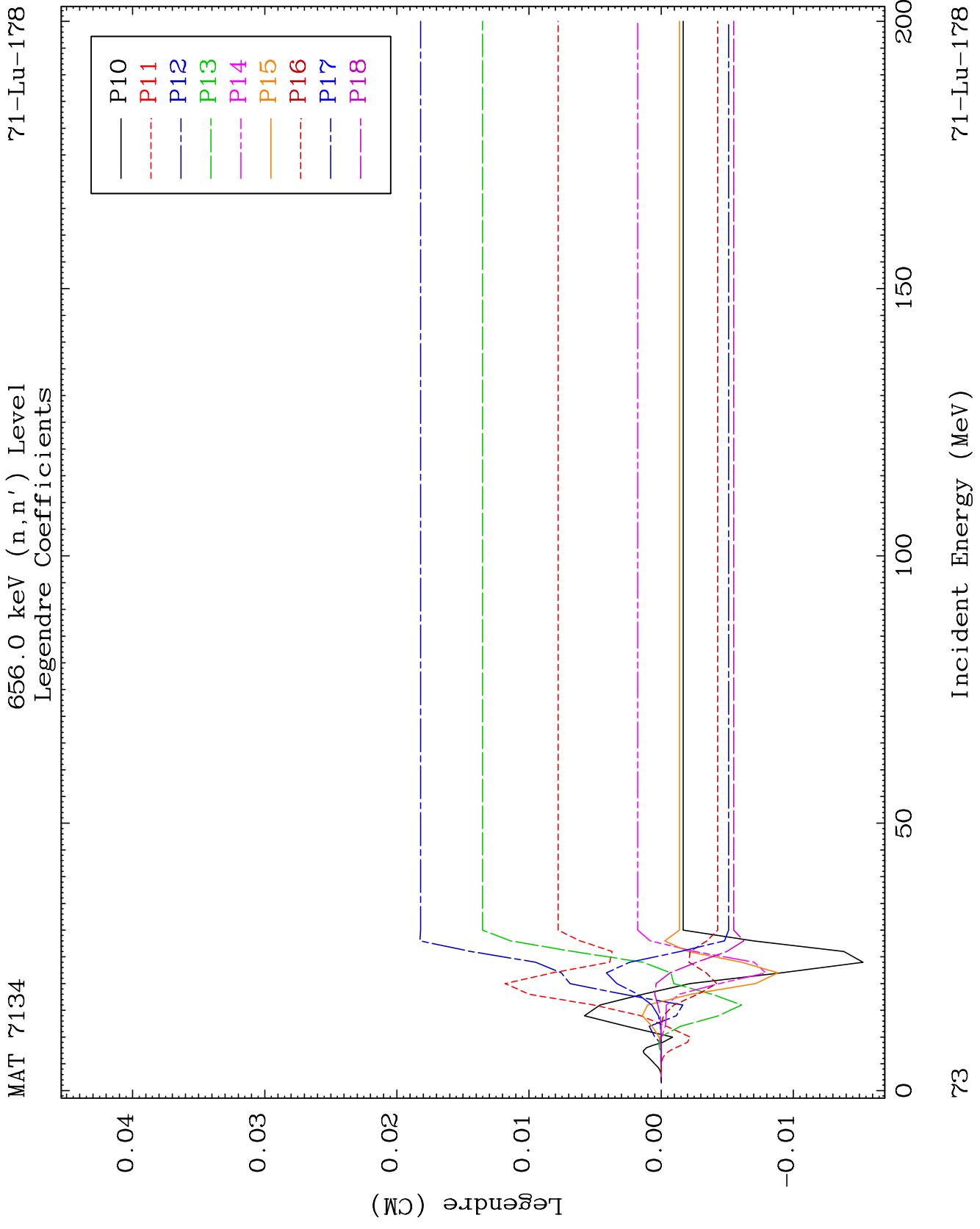
71-Lu-178



72

Incident Energy (MeV)

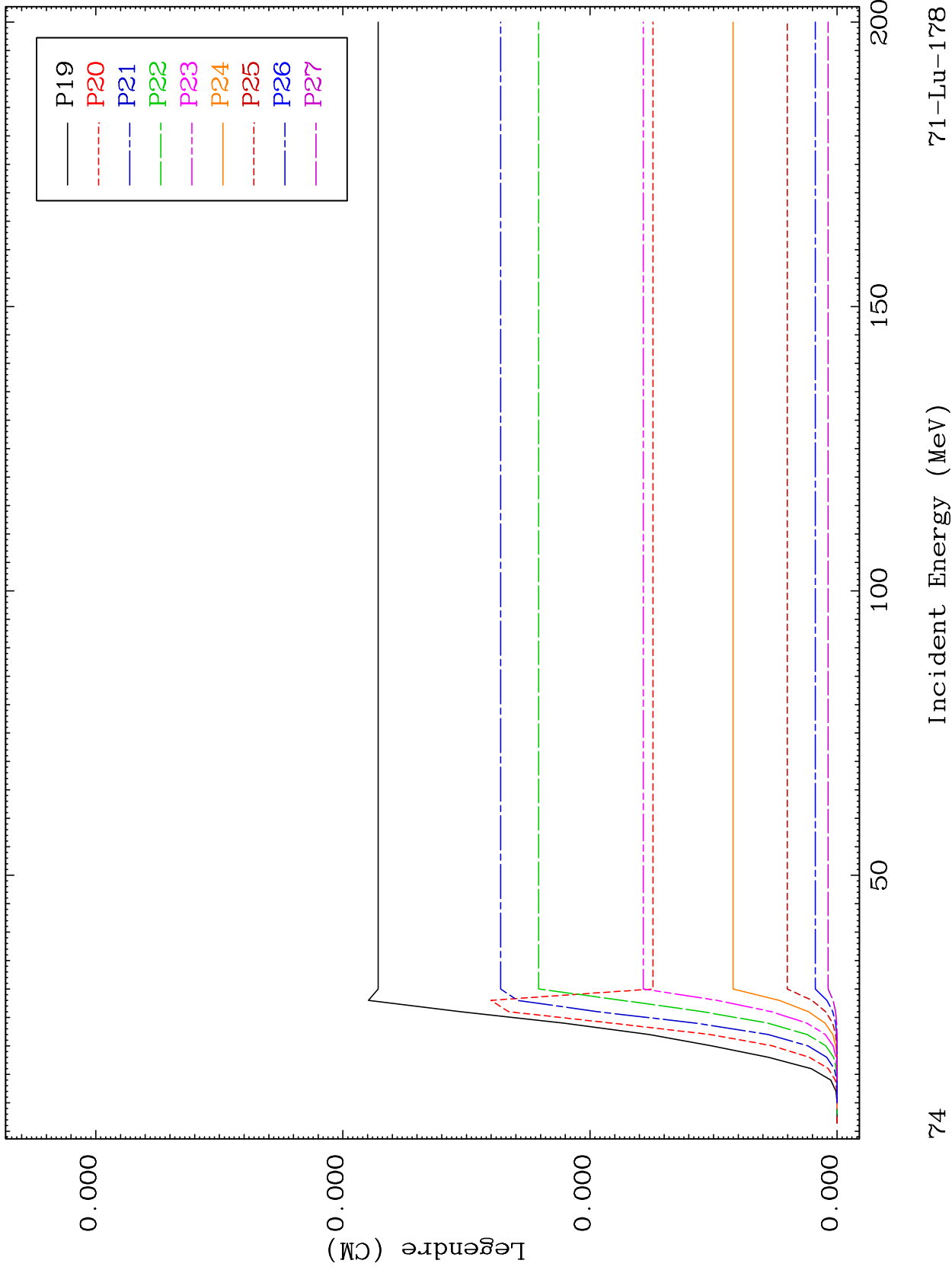
71-Lu-178



MAT 7134

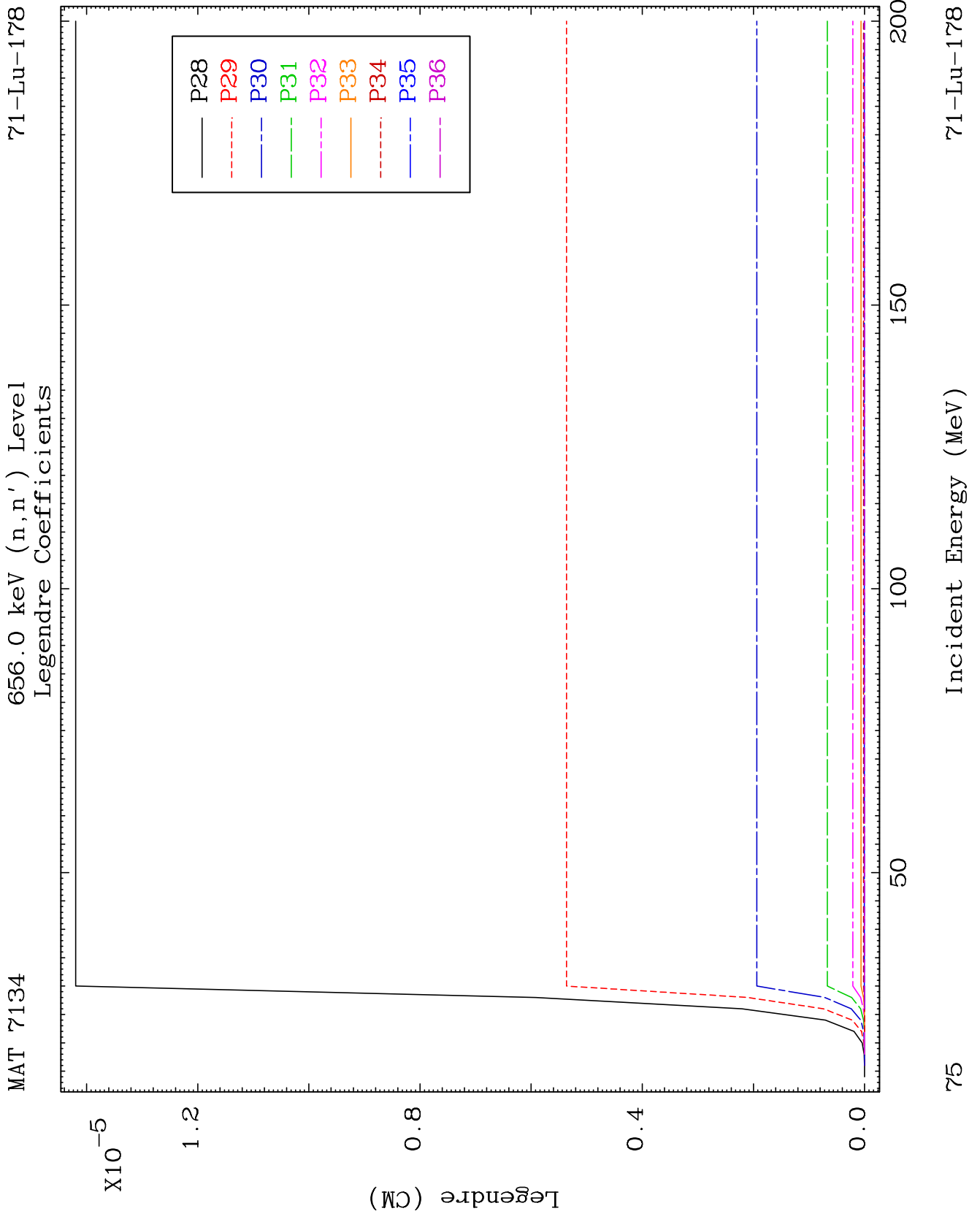
656.0 keV (n,n') Level
Legendre Coefficients

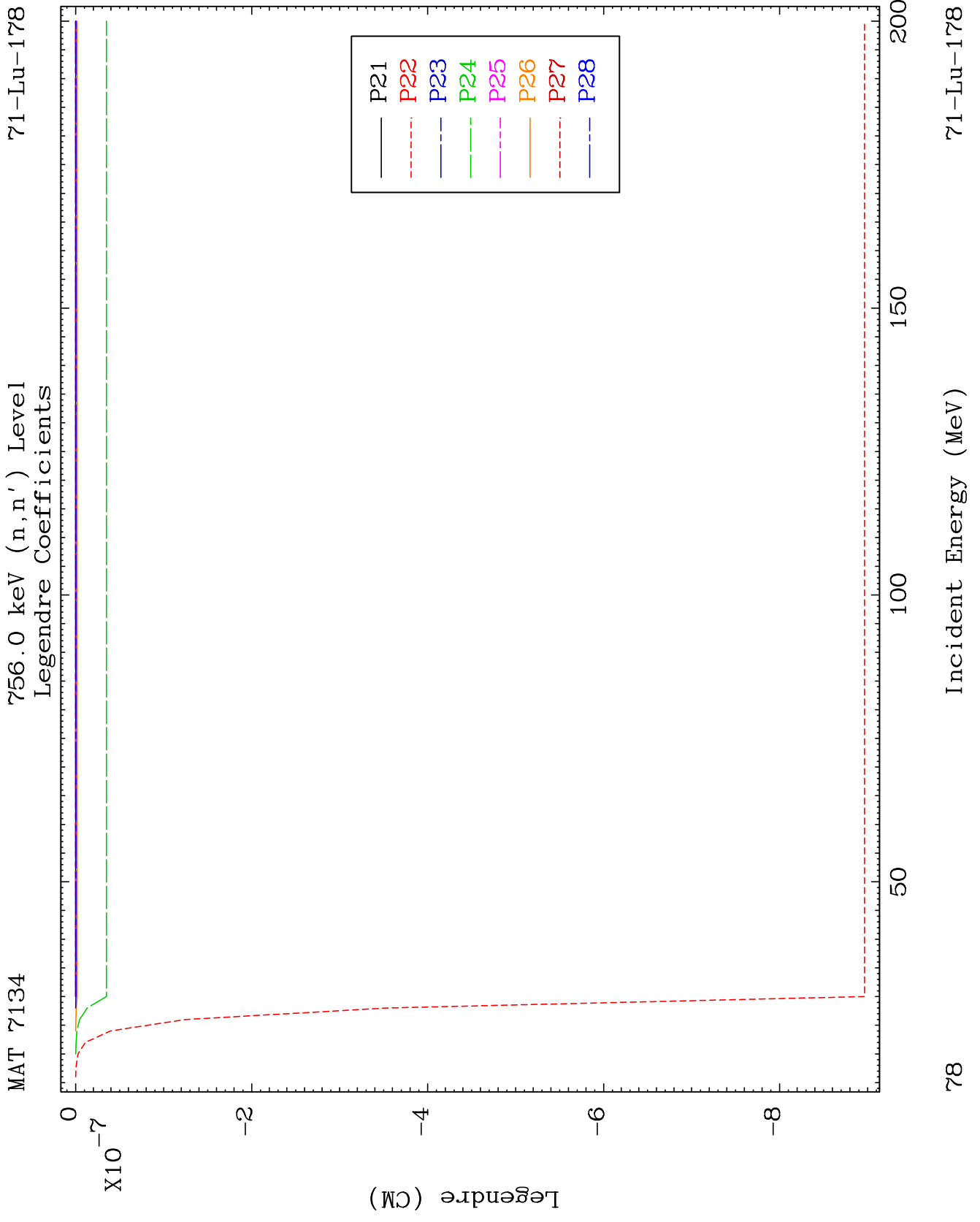
71-Lu-178

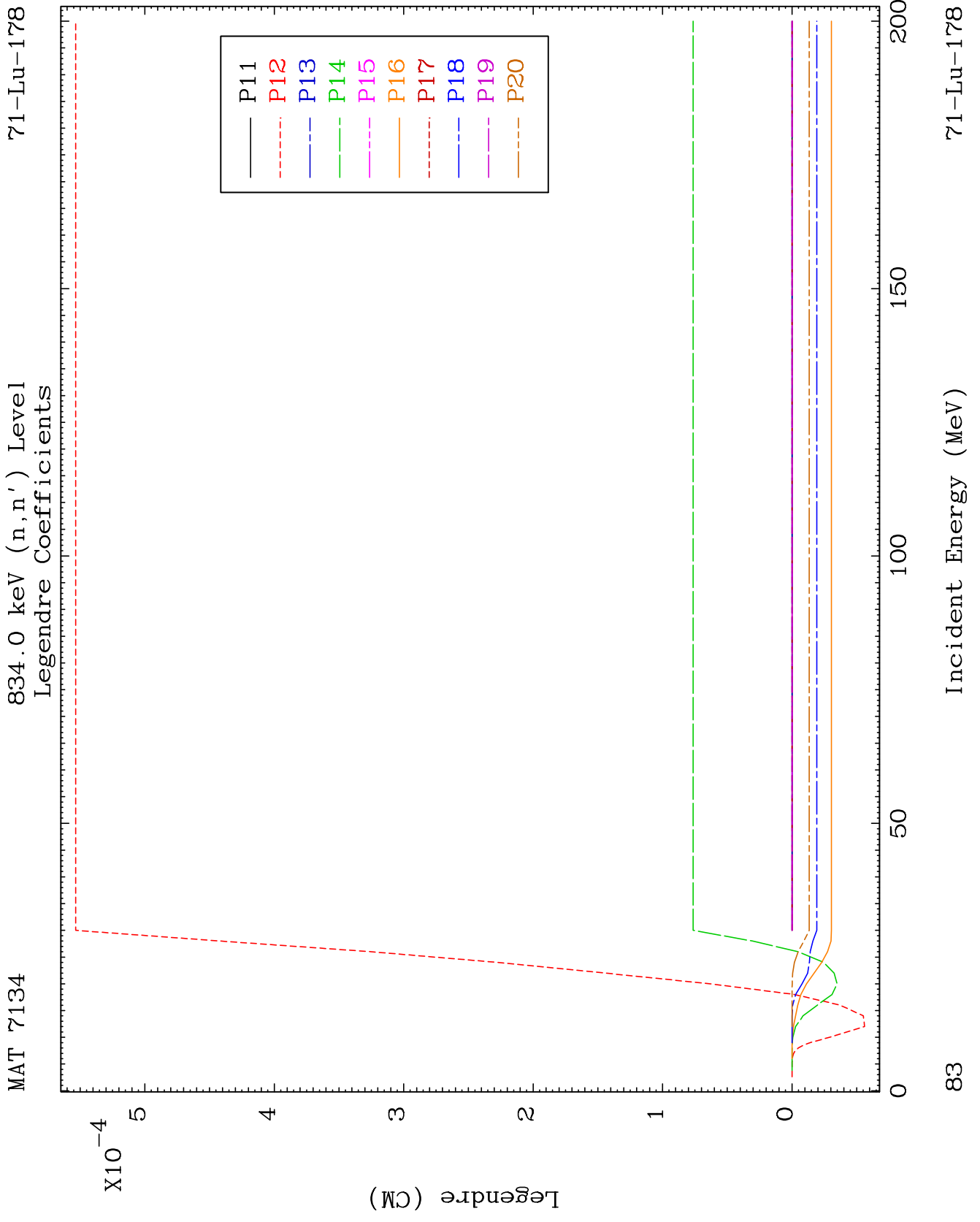


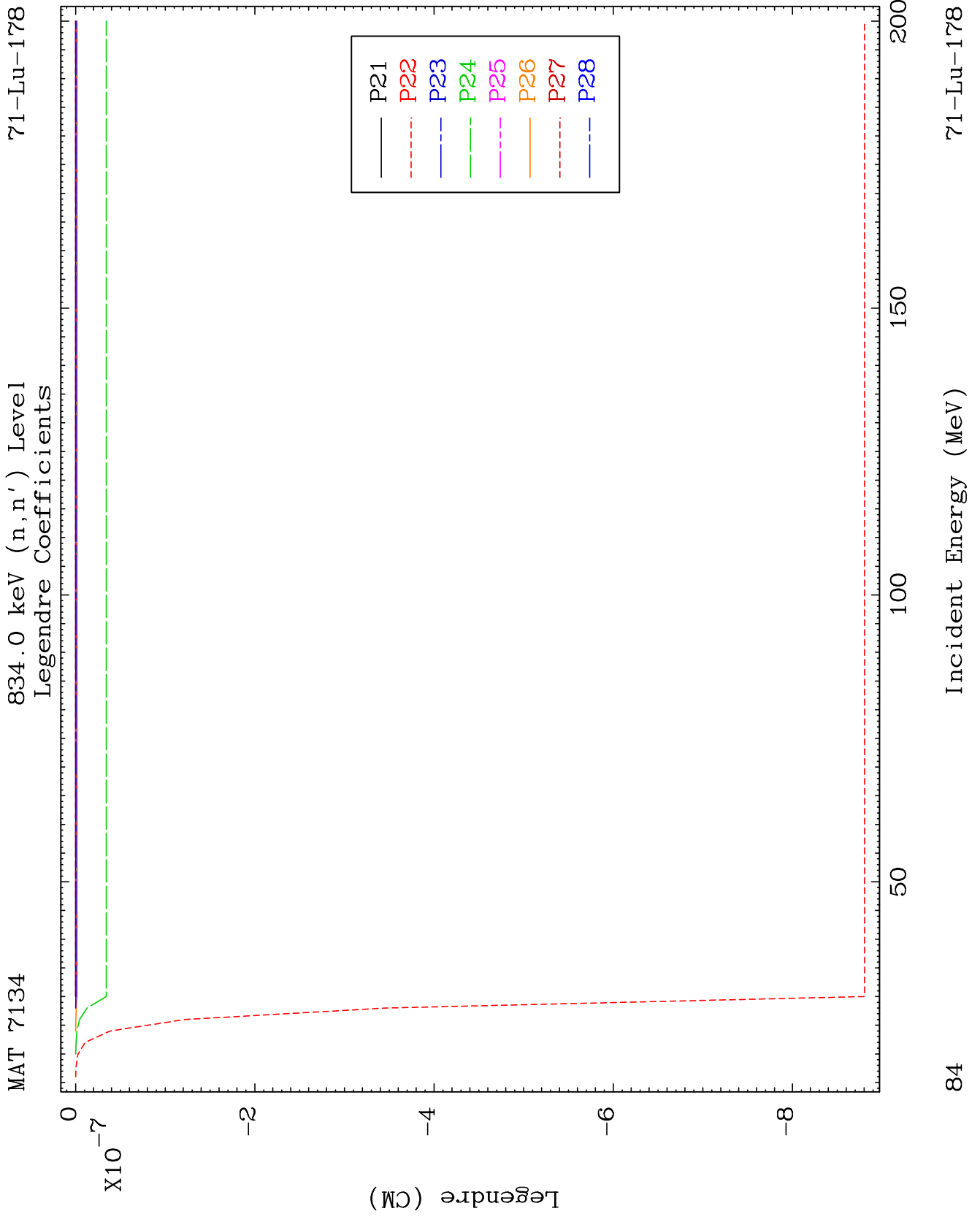
74

71-Lu-178





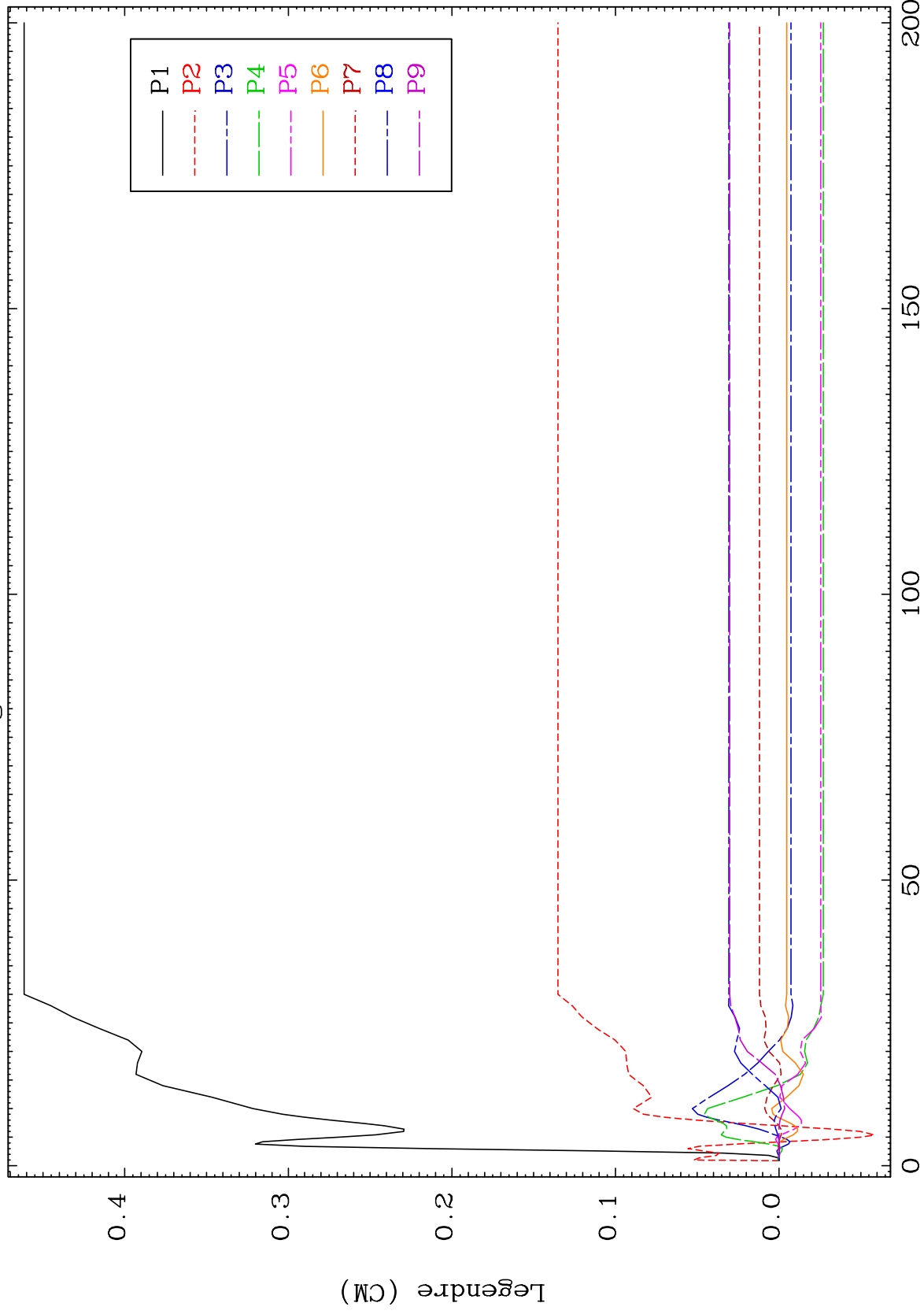




MAT 7134

878.0 keV (n,n') Level
Legendre Coefficients

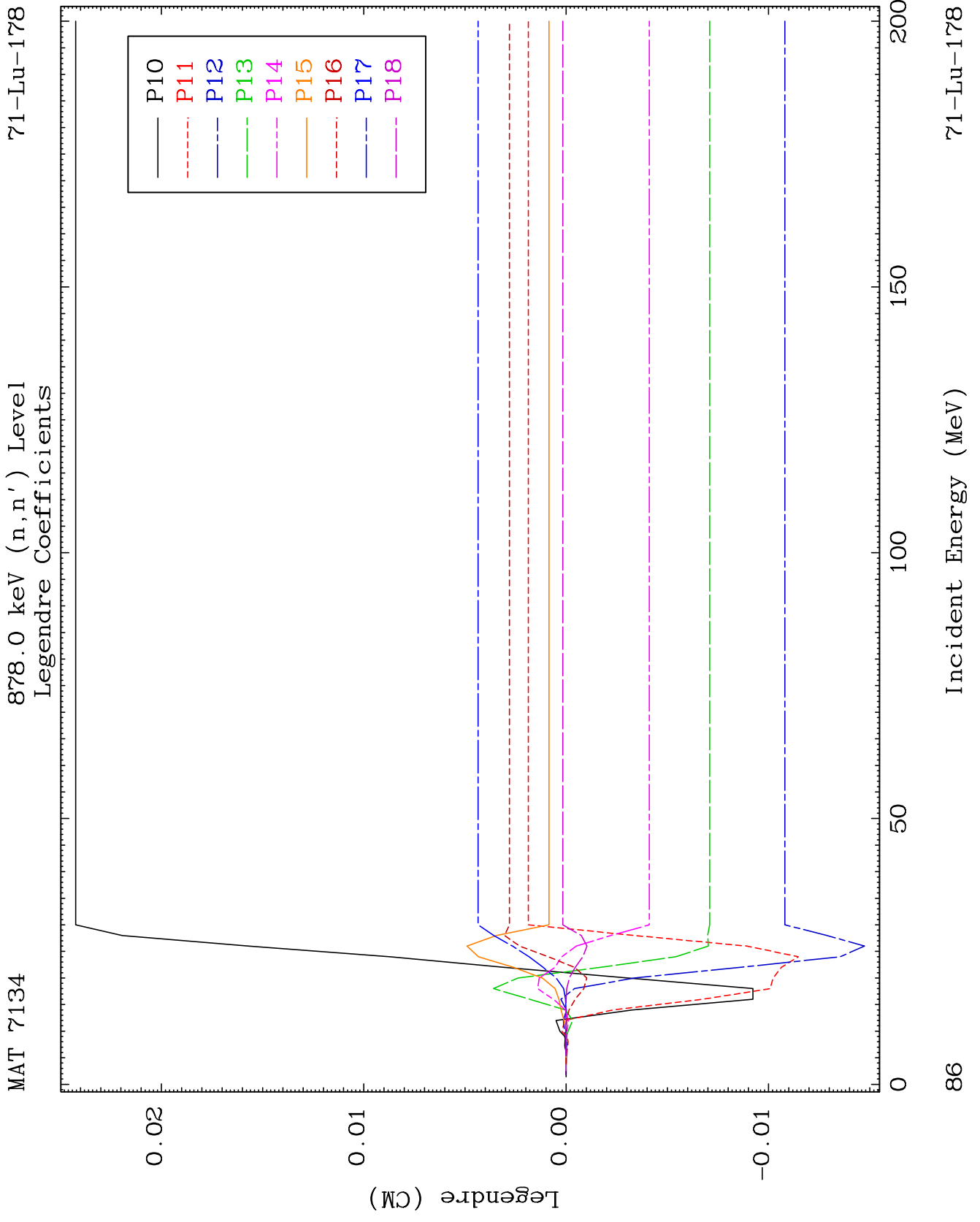
71-Lu-178

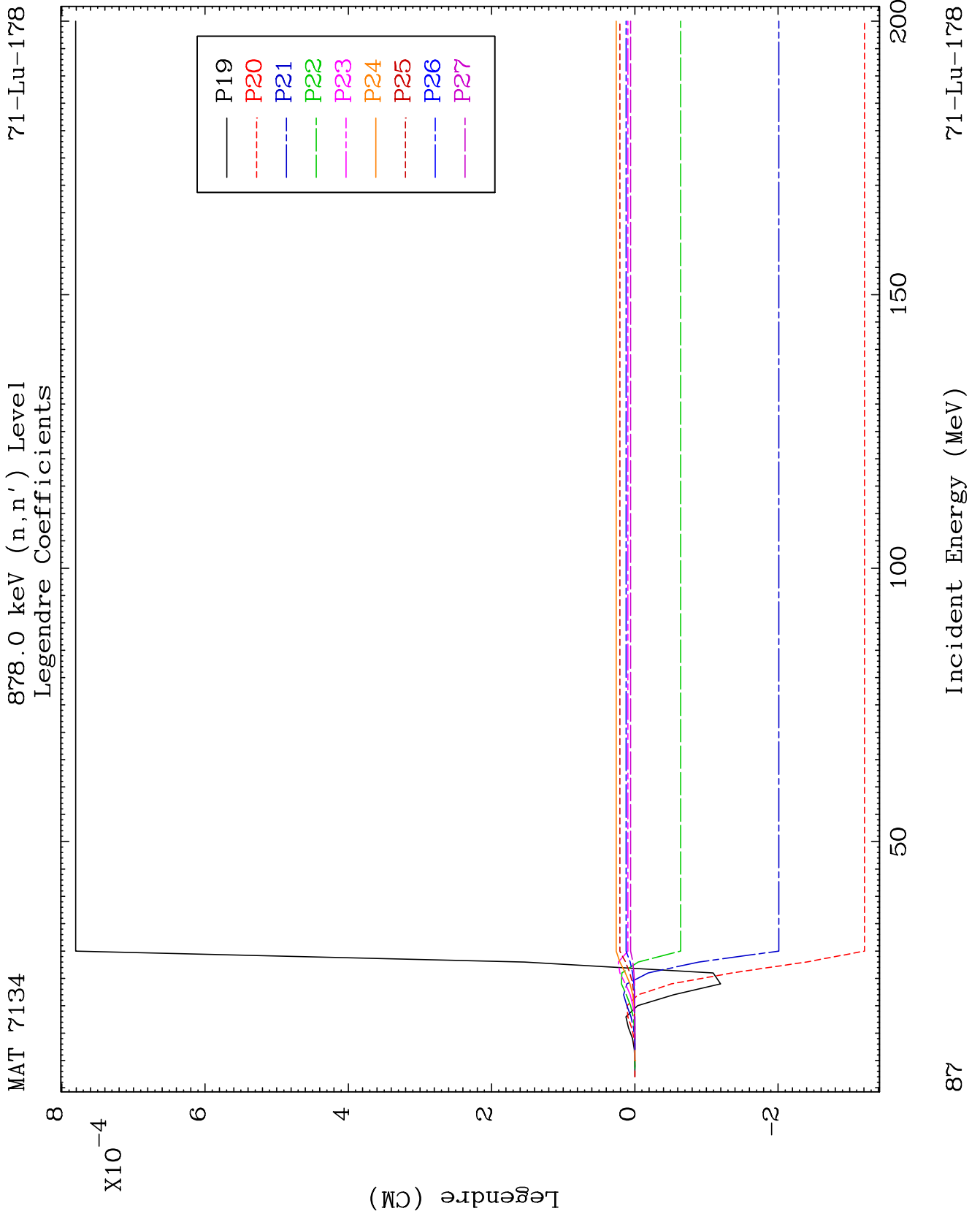


85

Incident Energy (MeV)

71-Lu-178

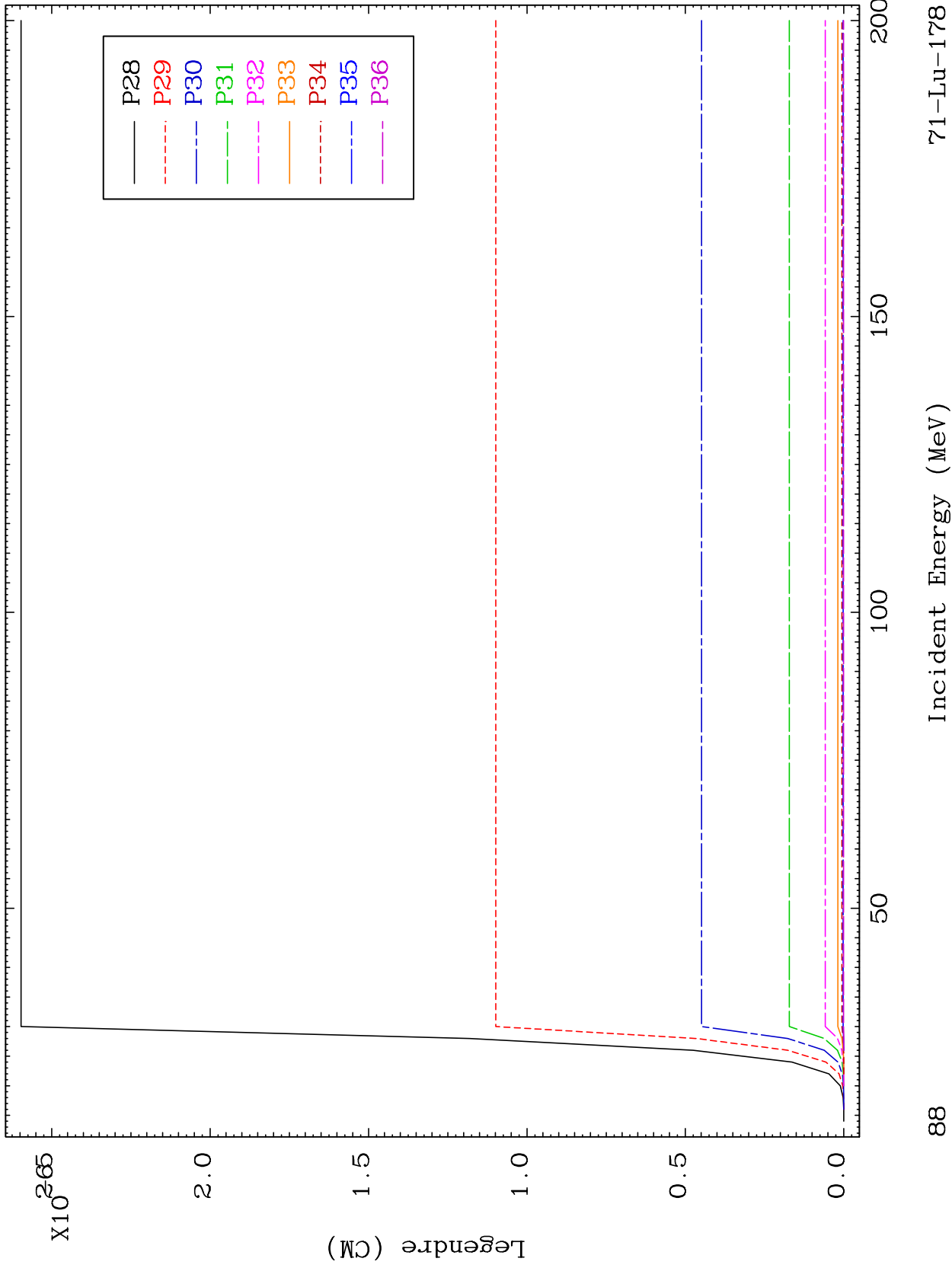




MAT 7134

878.0 keV (n,n') Level
Legendre Coefficients

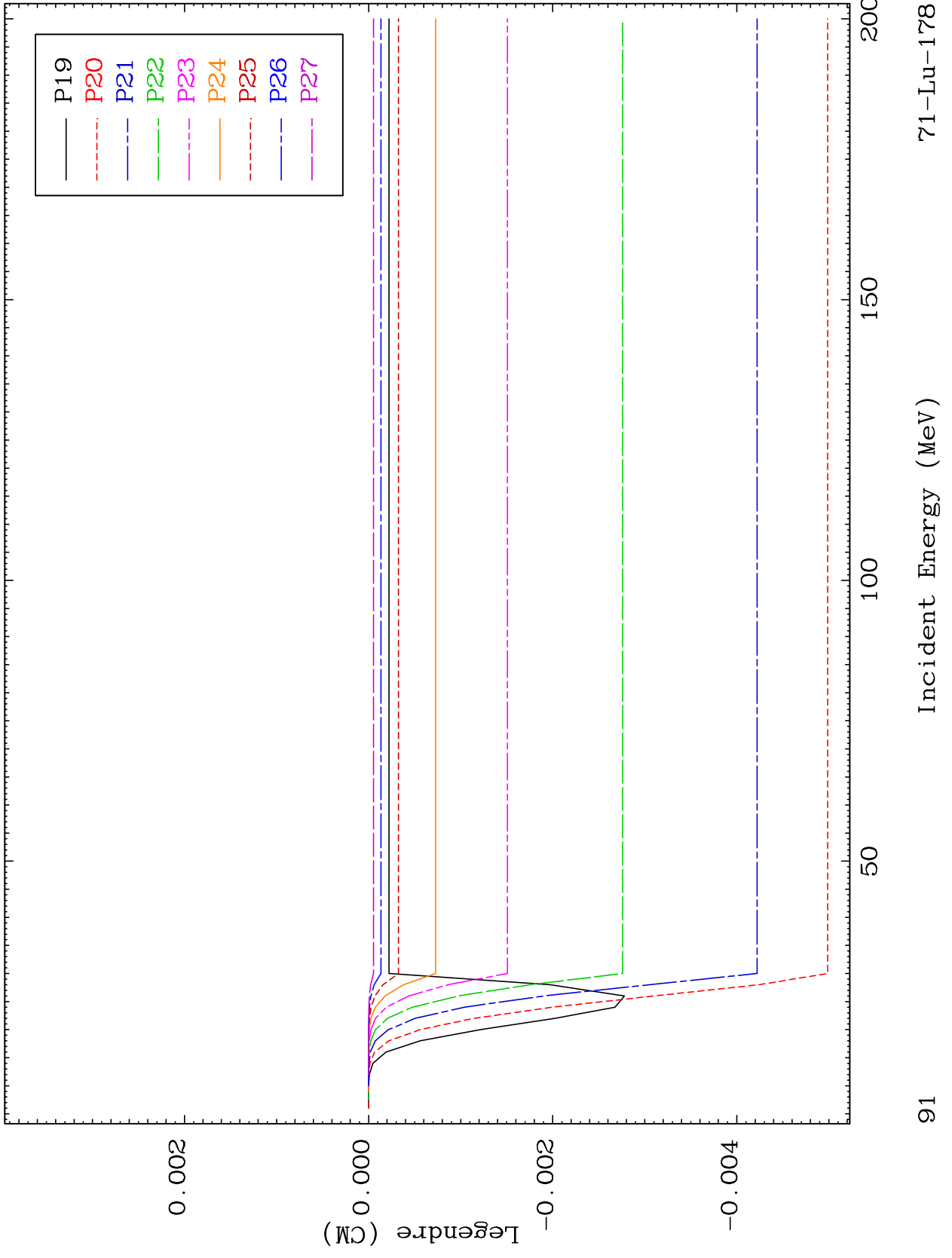
71-Lu-178

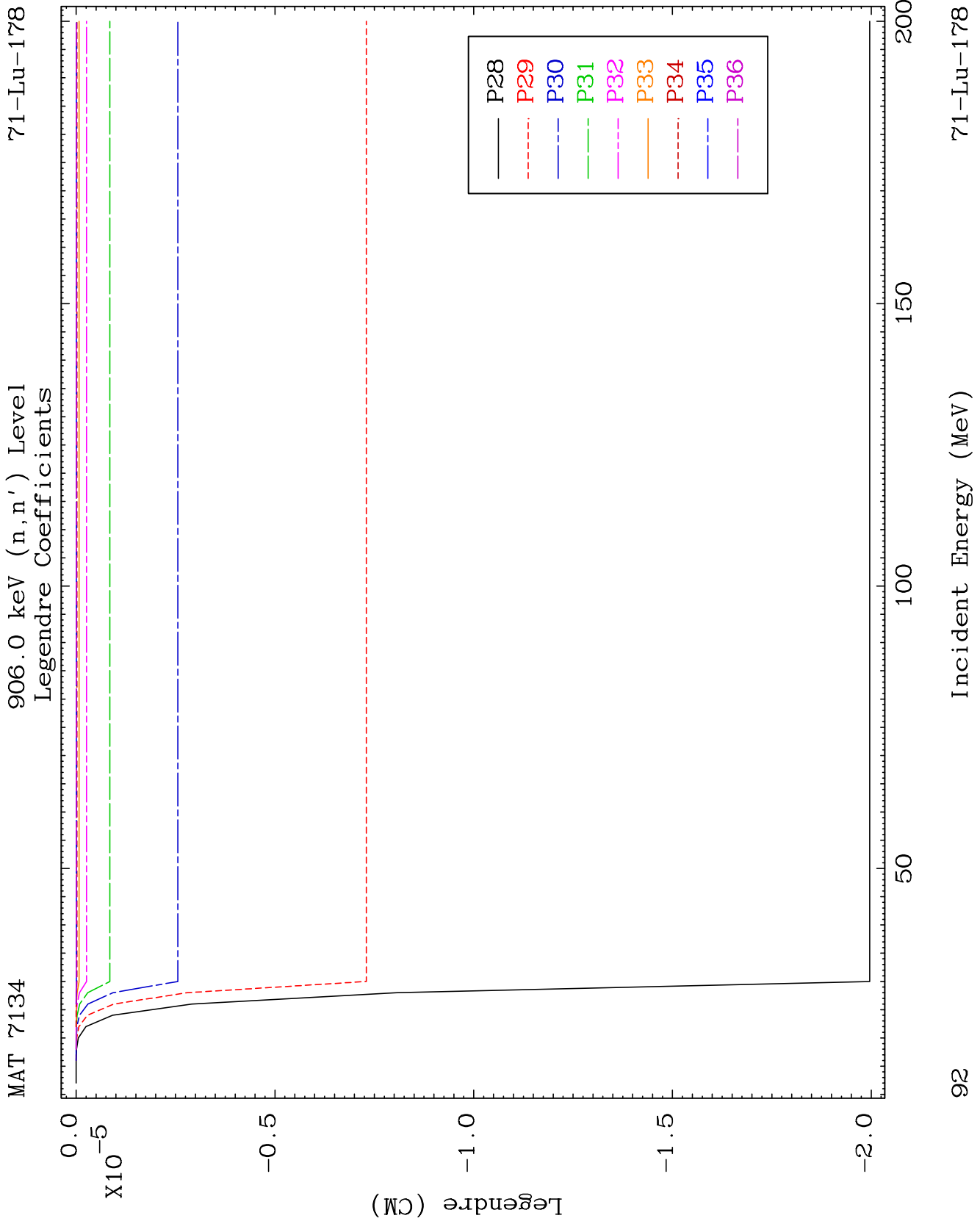


88

Incident Energy (MeV)

71-Lu-178

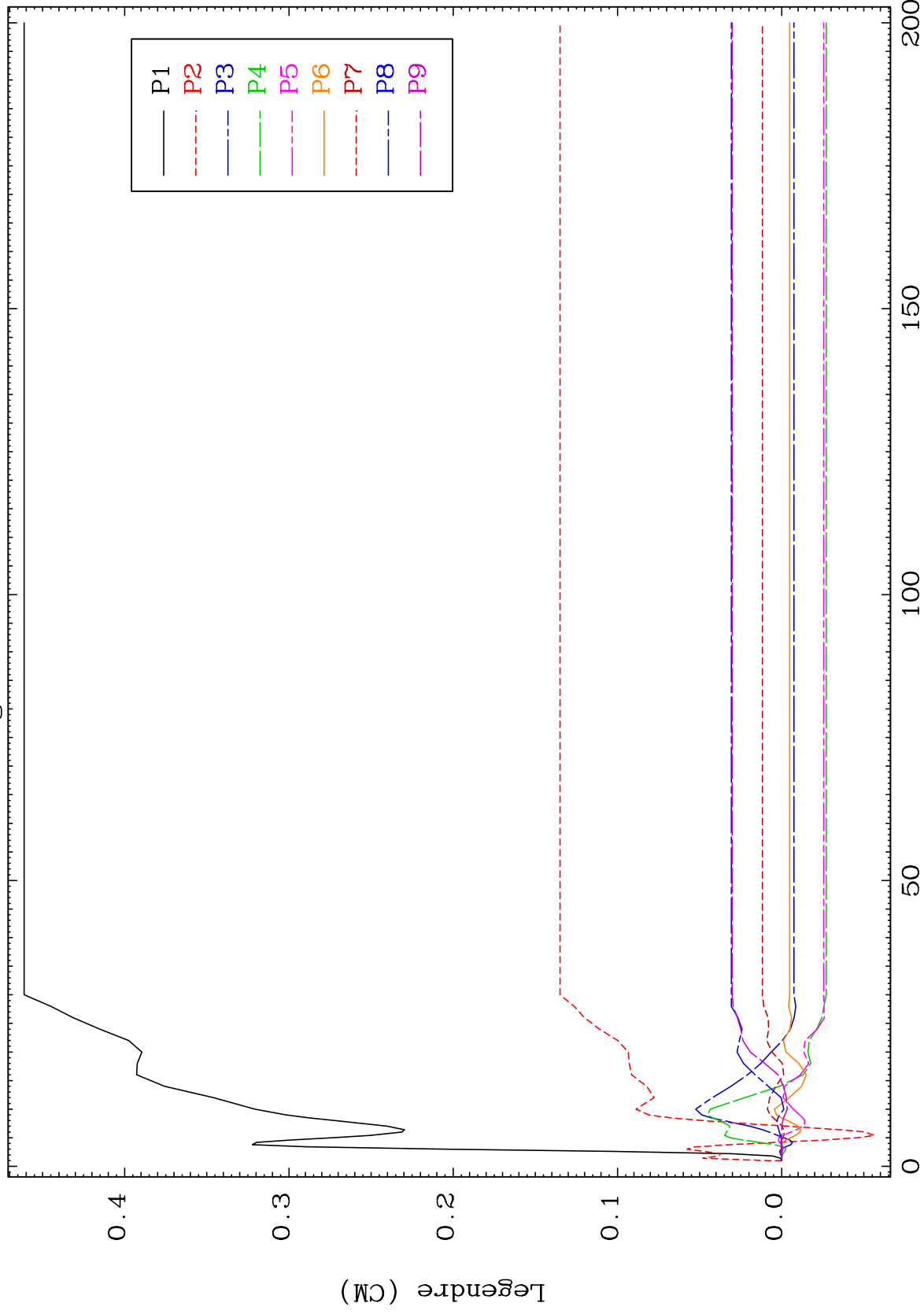




MAT 7134

974.0 keV (n,n') Level
Legendre Coefficients

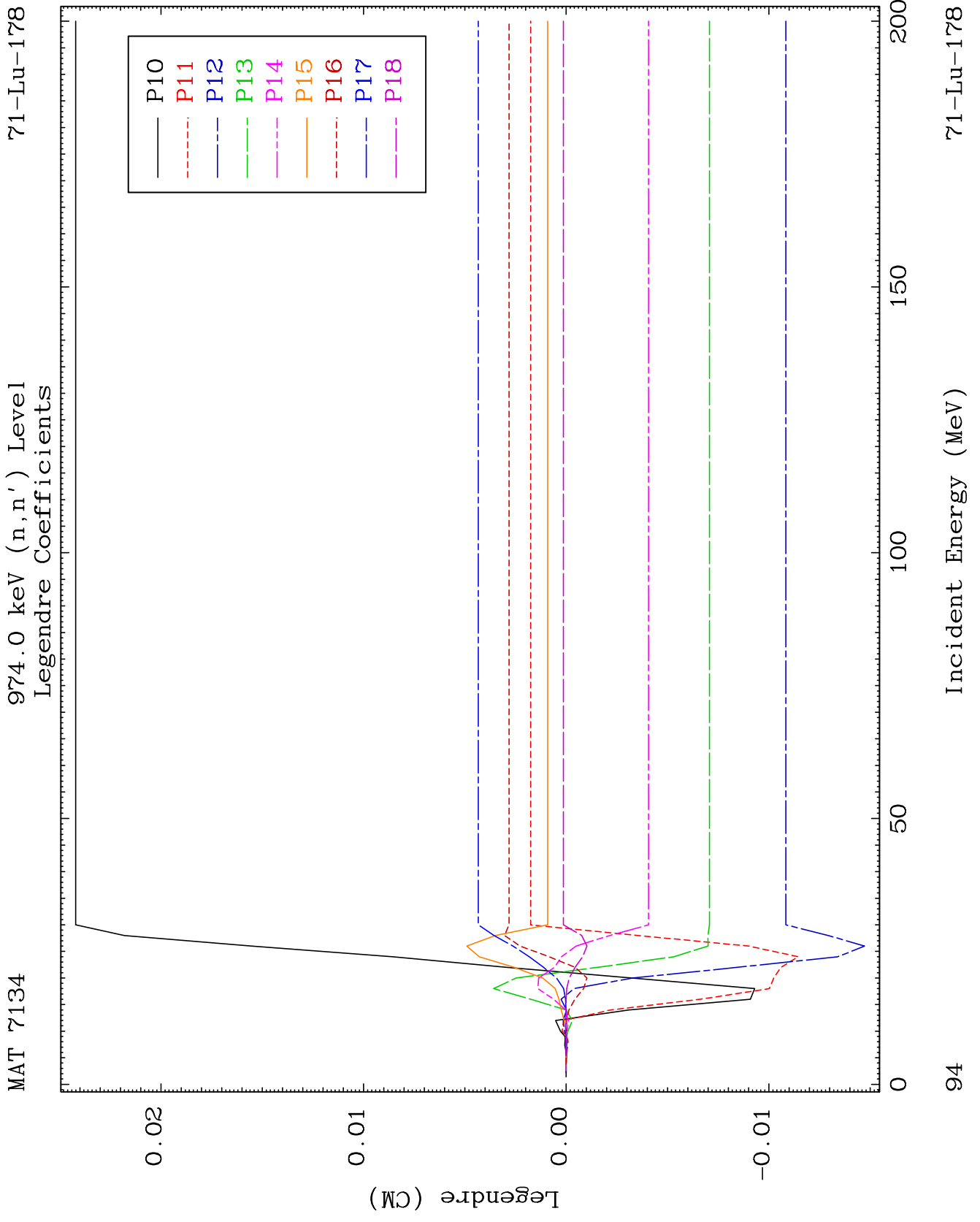
71-Lu-178



93

Incident Energy (MeV)

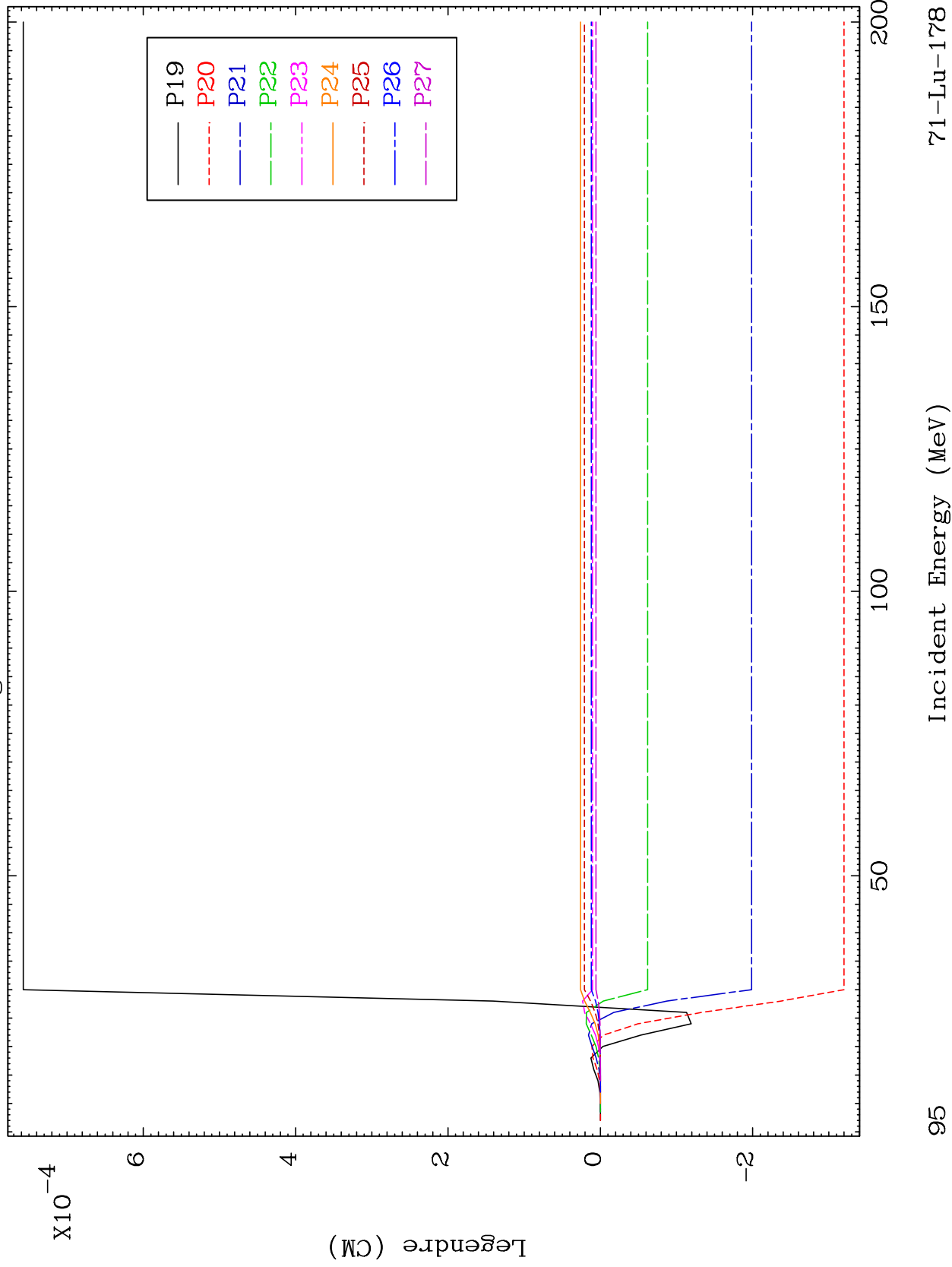
71-Lu-178



MAT 7134

974.0 keV (n,n') Level
Legendre Coefficients

71-Lu-178



95

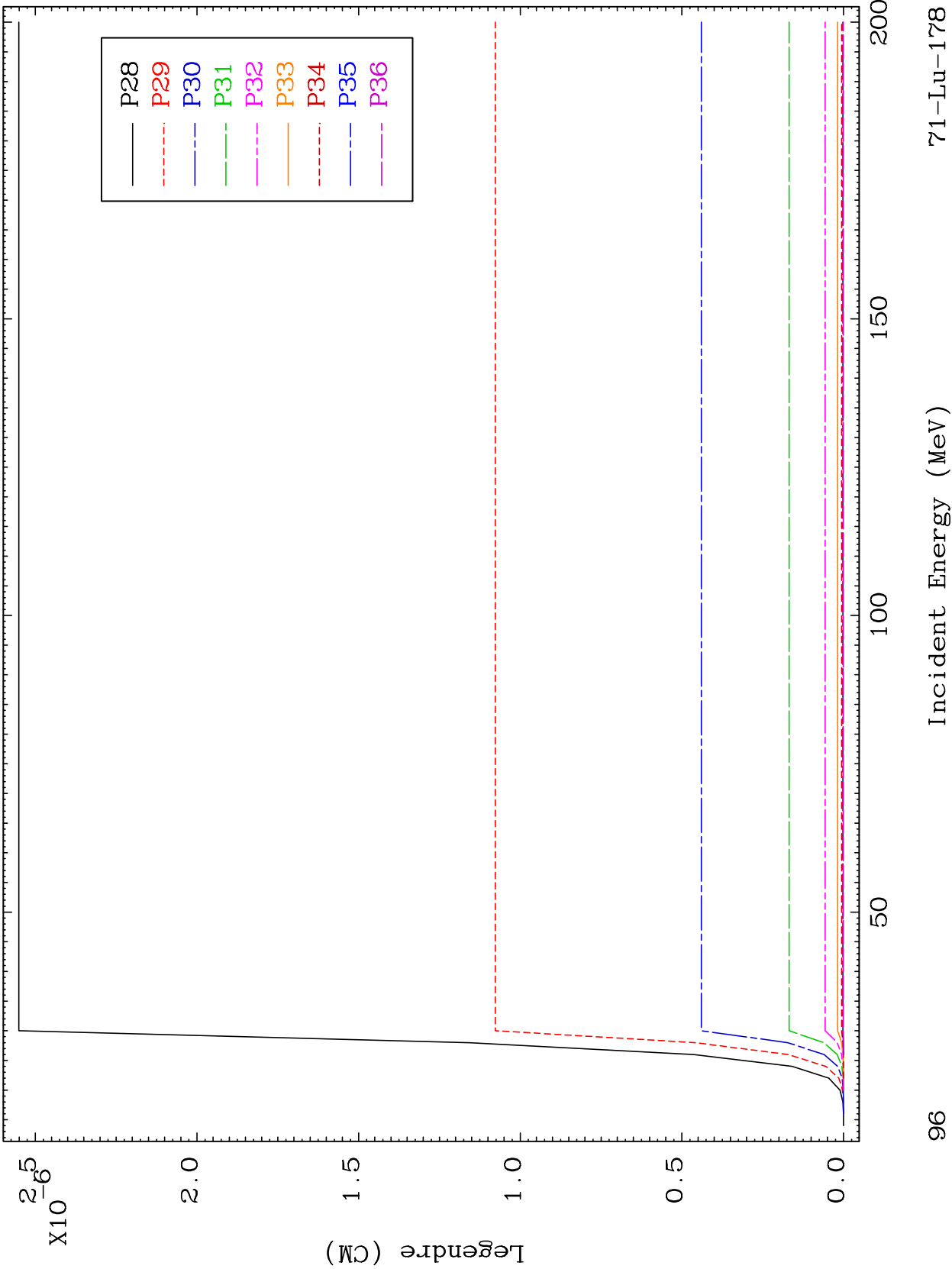
Incident Energy (MeV)

71-Lu-178

MAT 7134

974.0 keV (n,n') Level
Legendre Coefficients

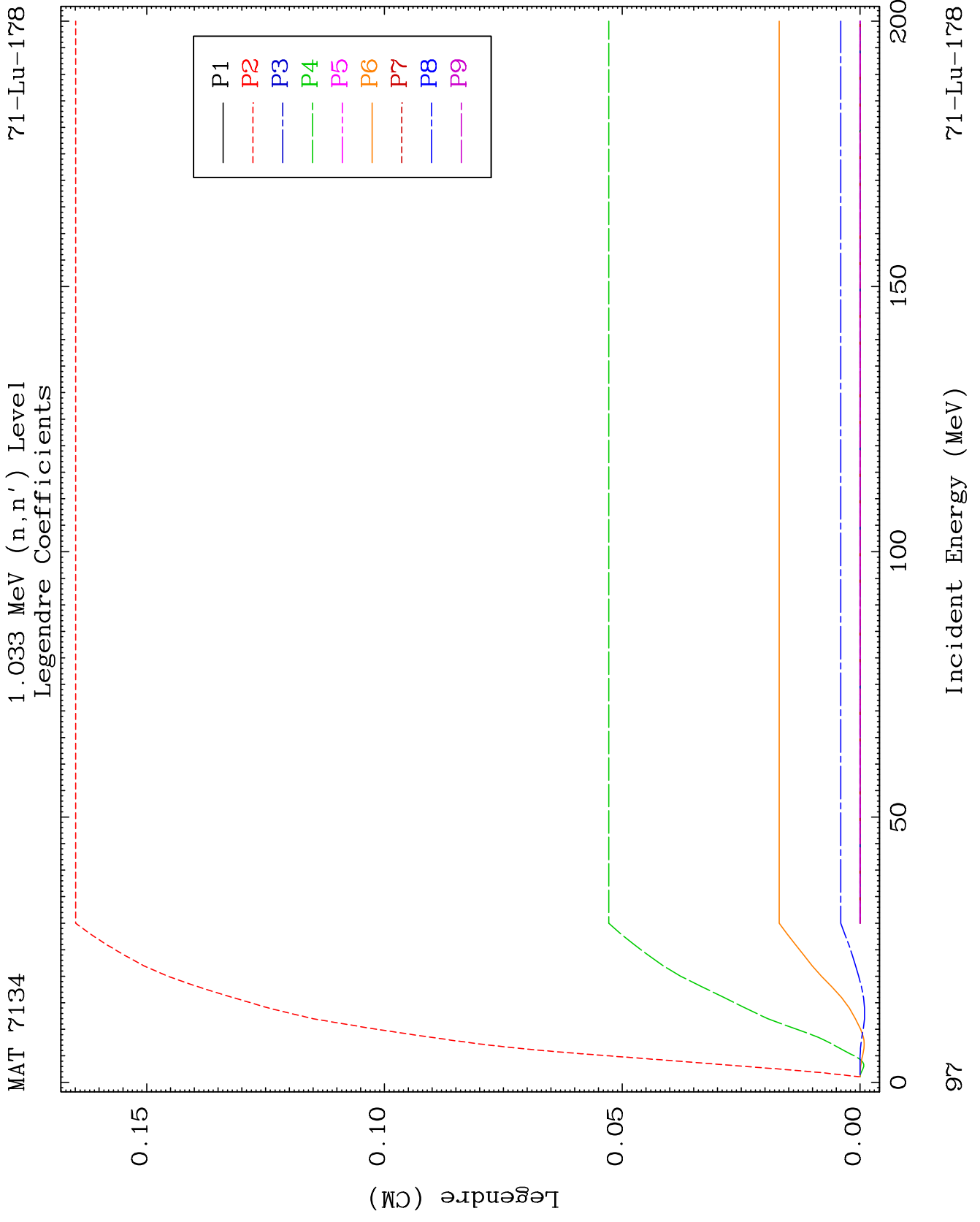
71-Lu-178

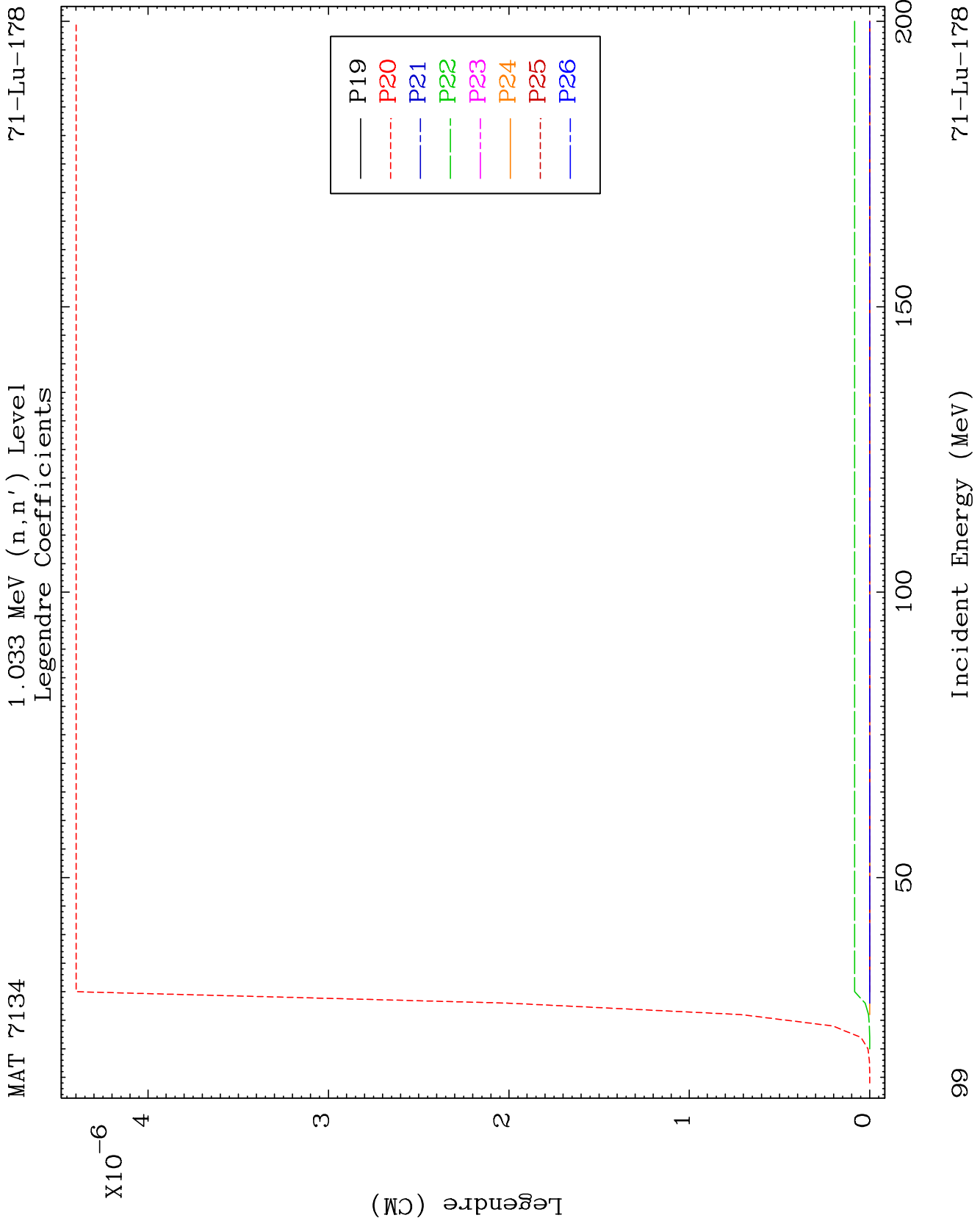


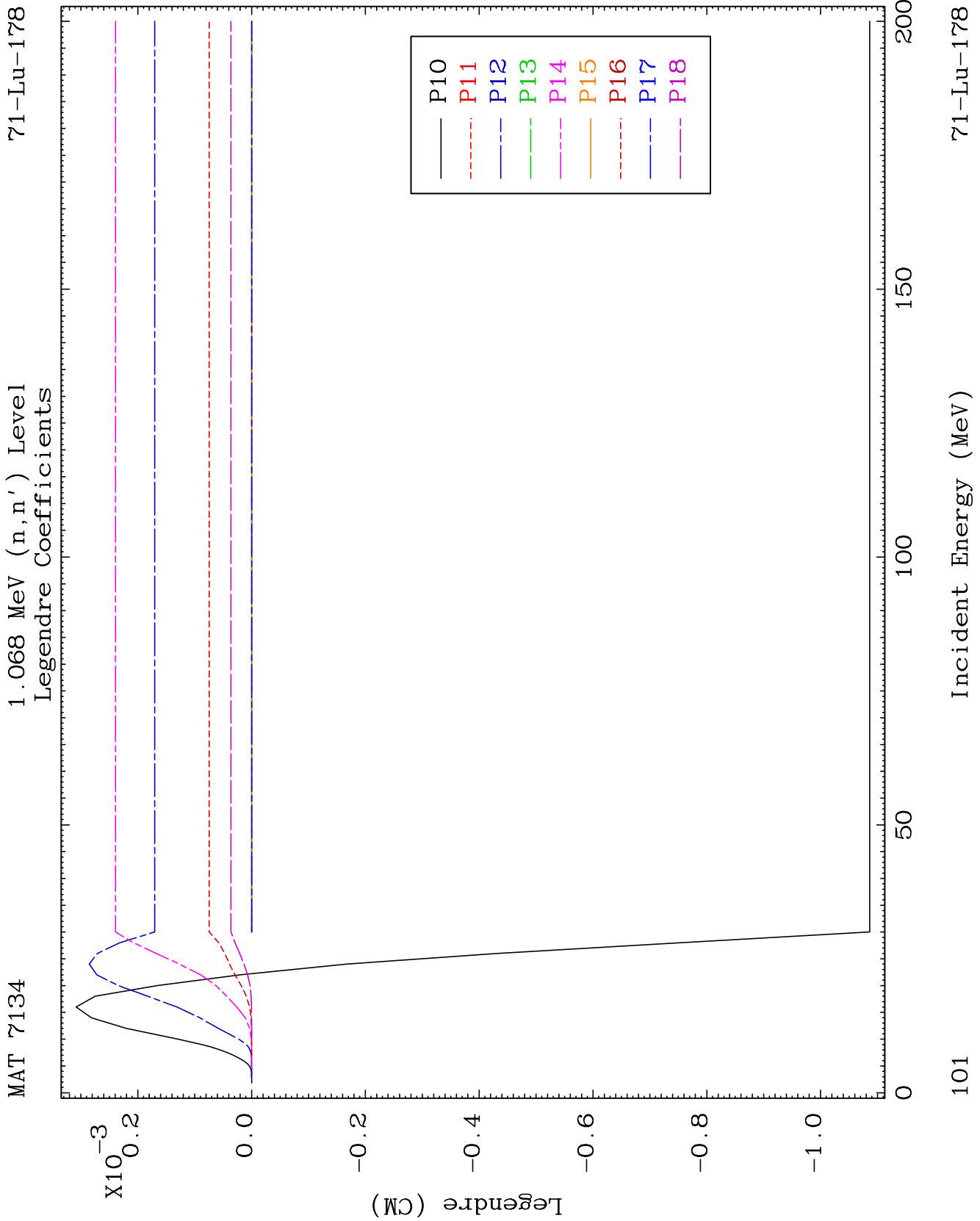
96

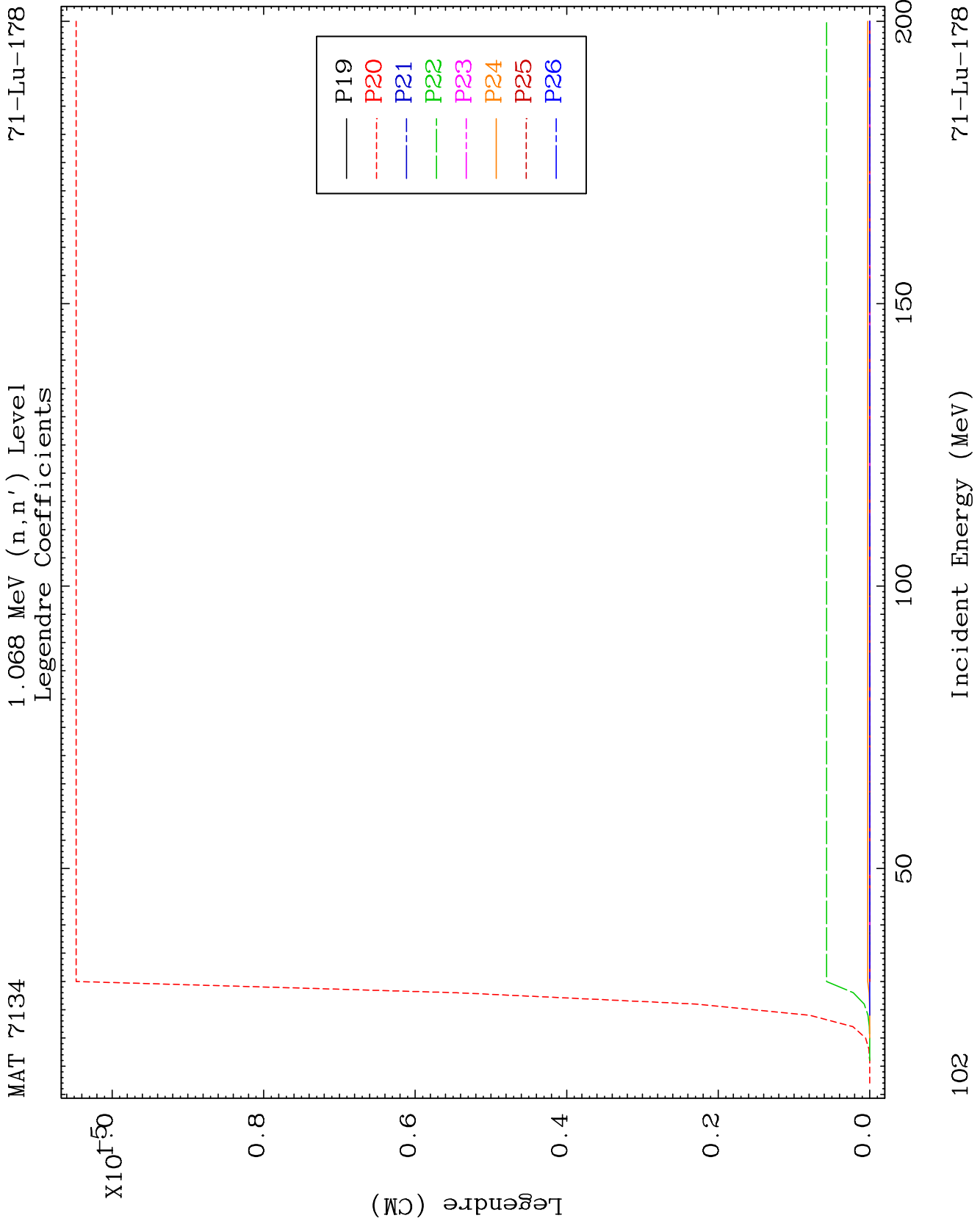
Incident Energy (MeV)

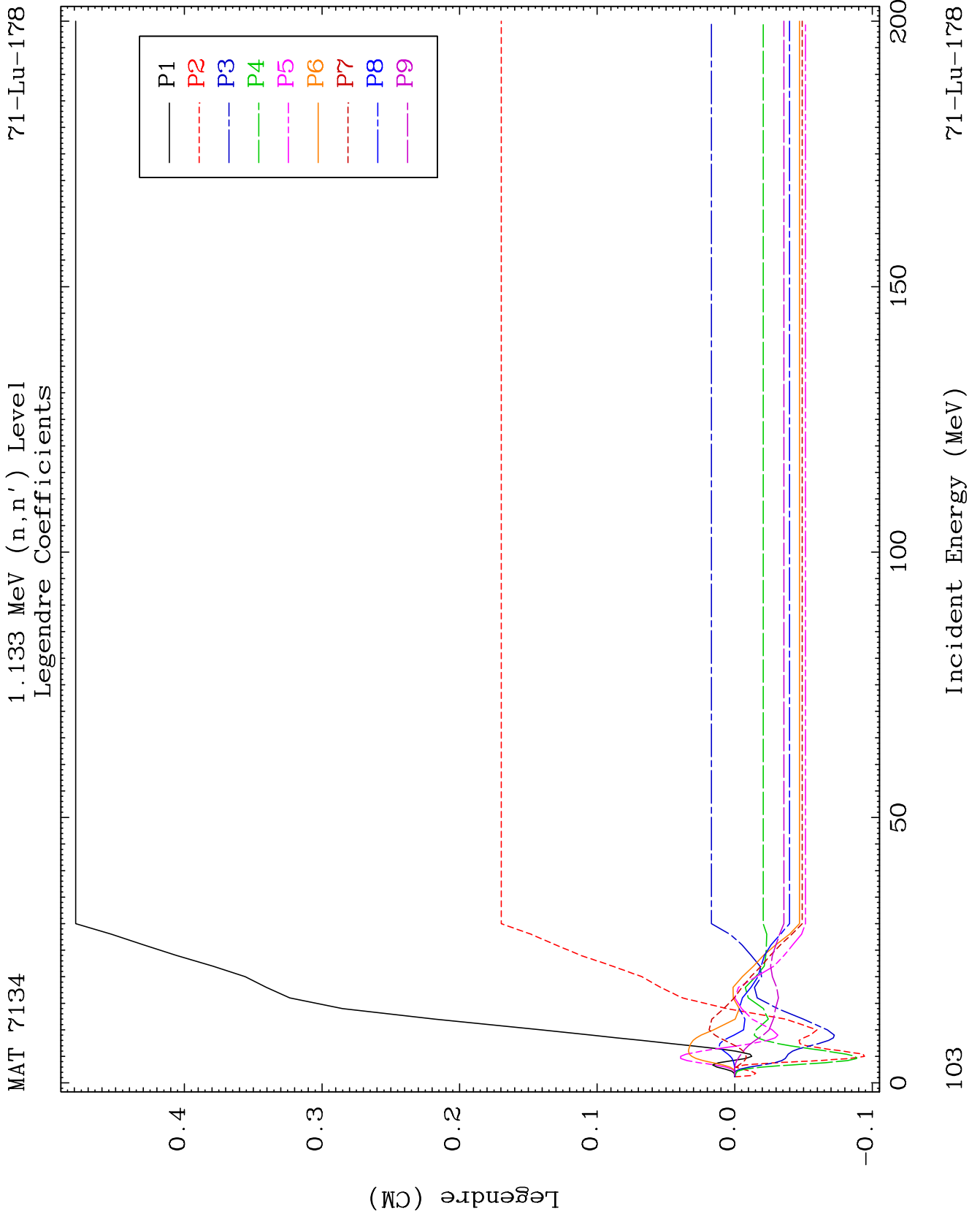
71-Lu-178







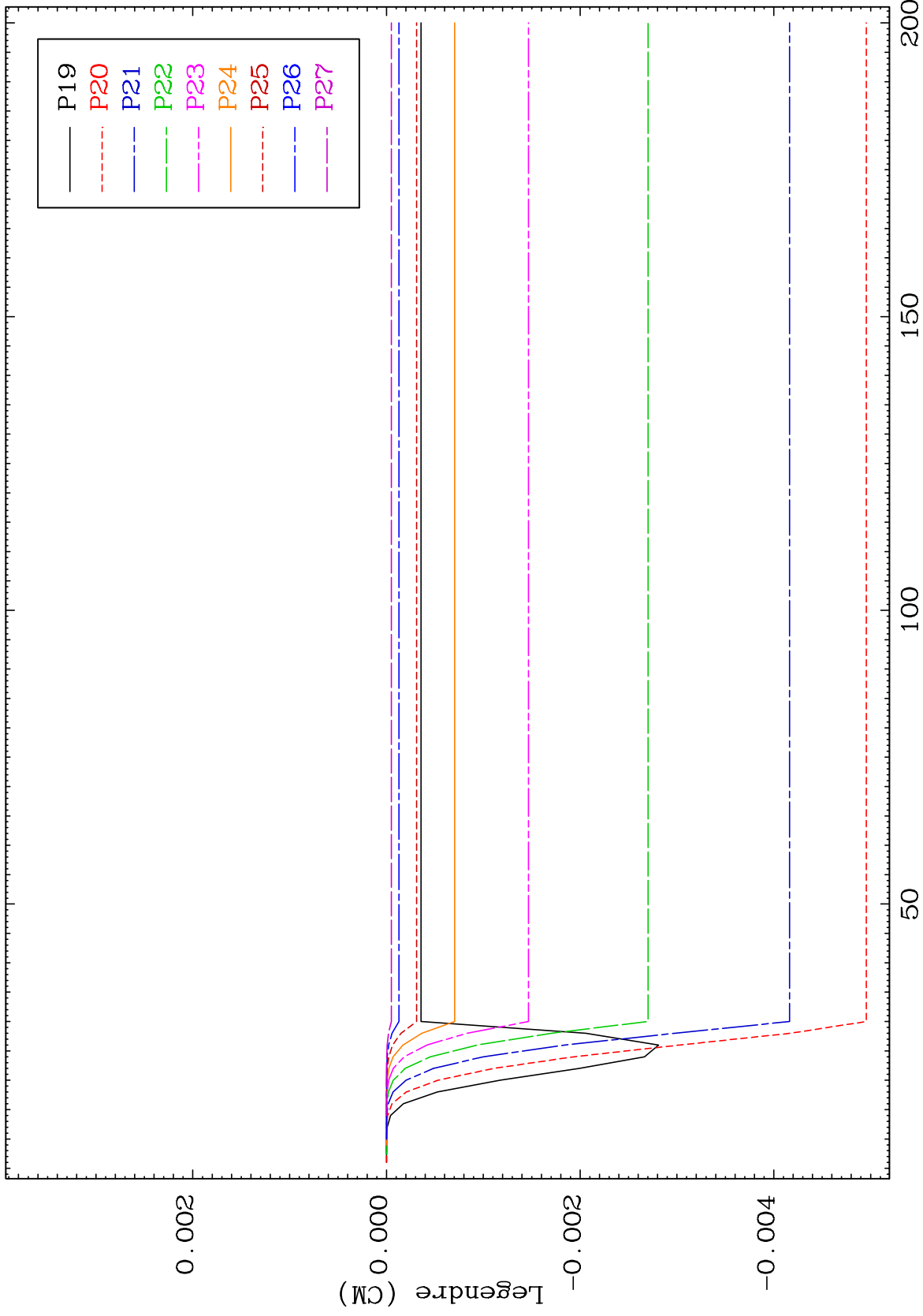




MAT 7134

1.133 MeV (n,n') Level
Legendre Coefficients

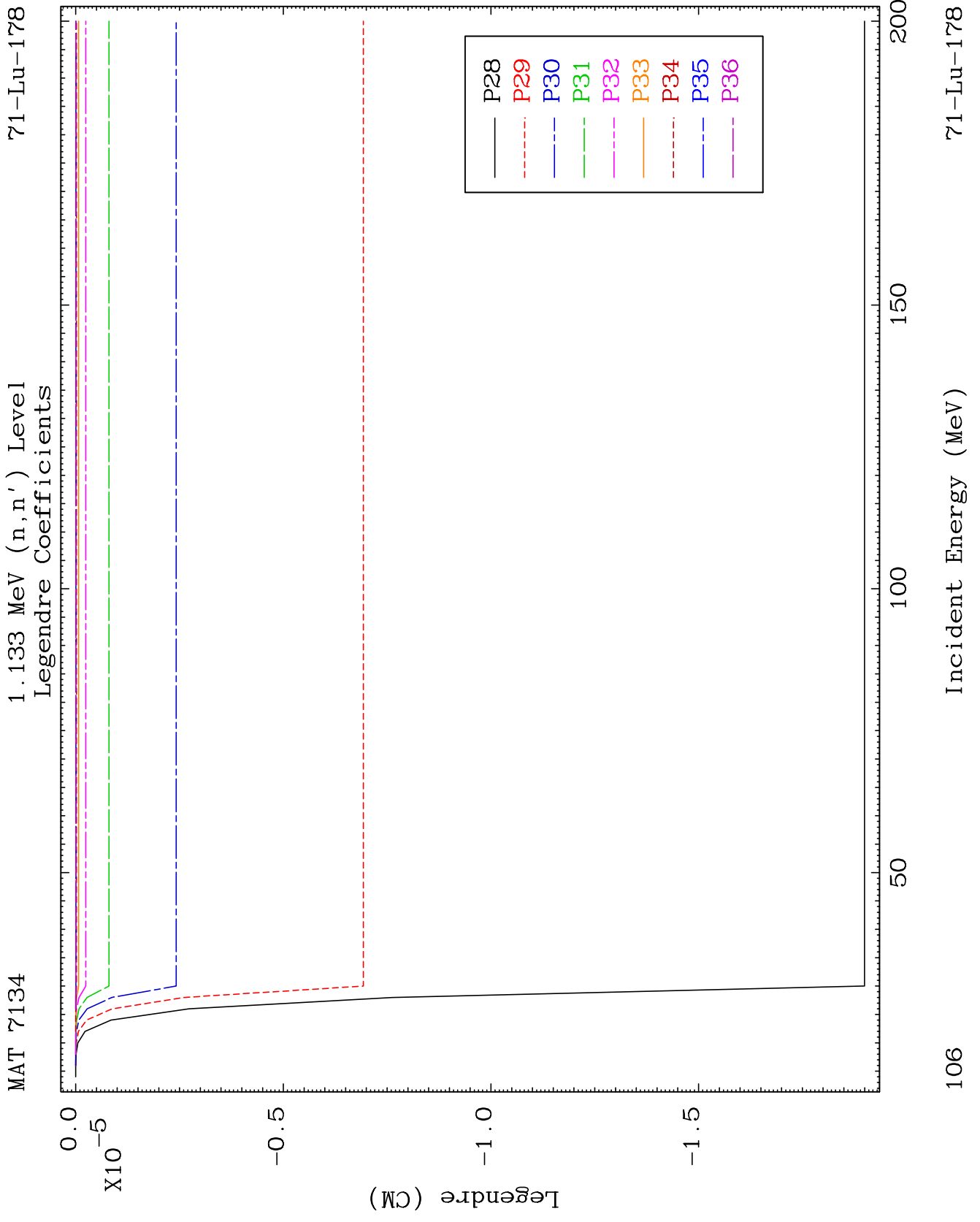
71-Lu-178



105

Incident Energy (MeV)

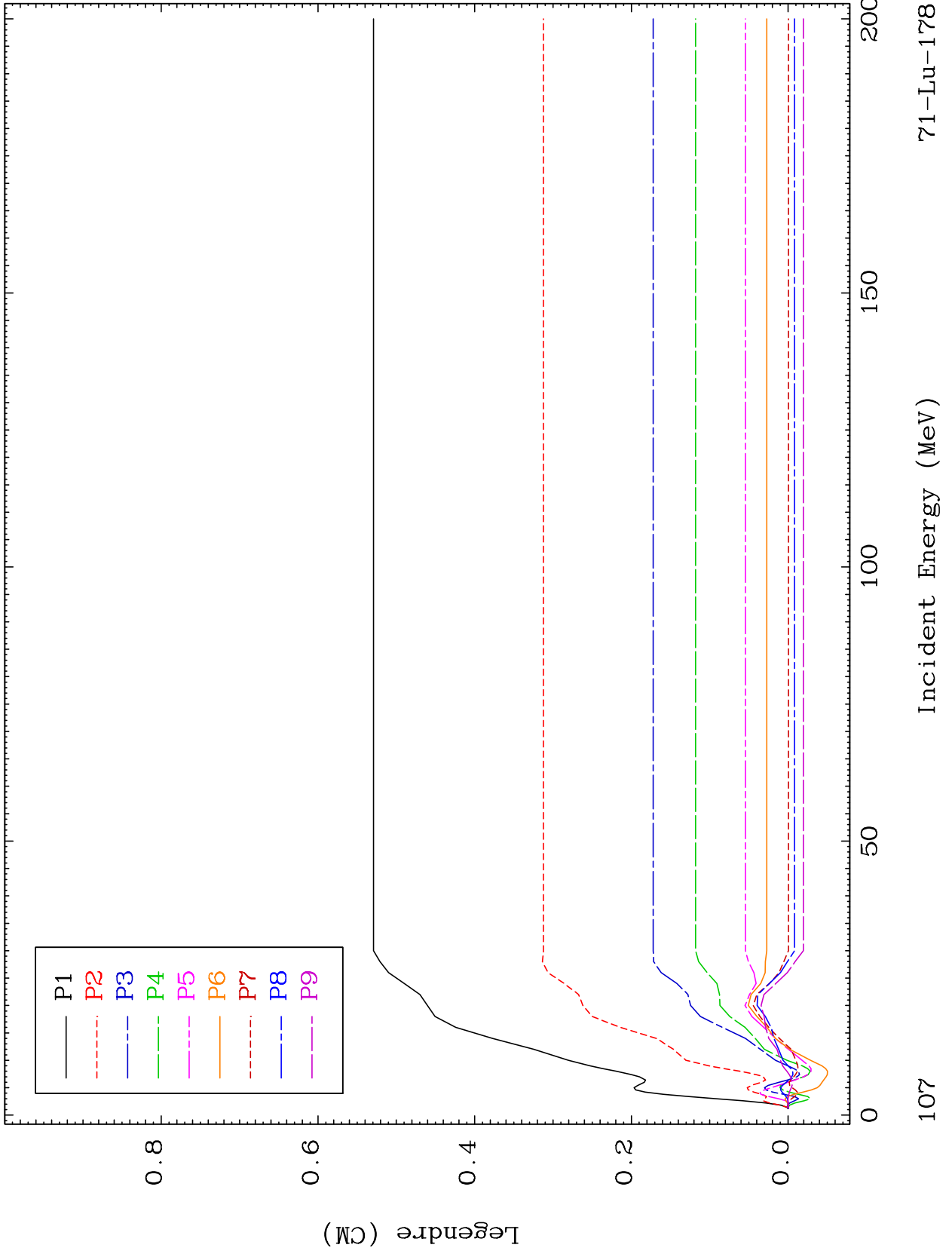
71-Lu-178



MAT 7134

1.167 MeV (n, n') Level
Legendre Coefficients

71-Lu-178



71-Lu-178

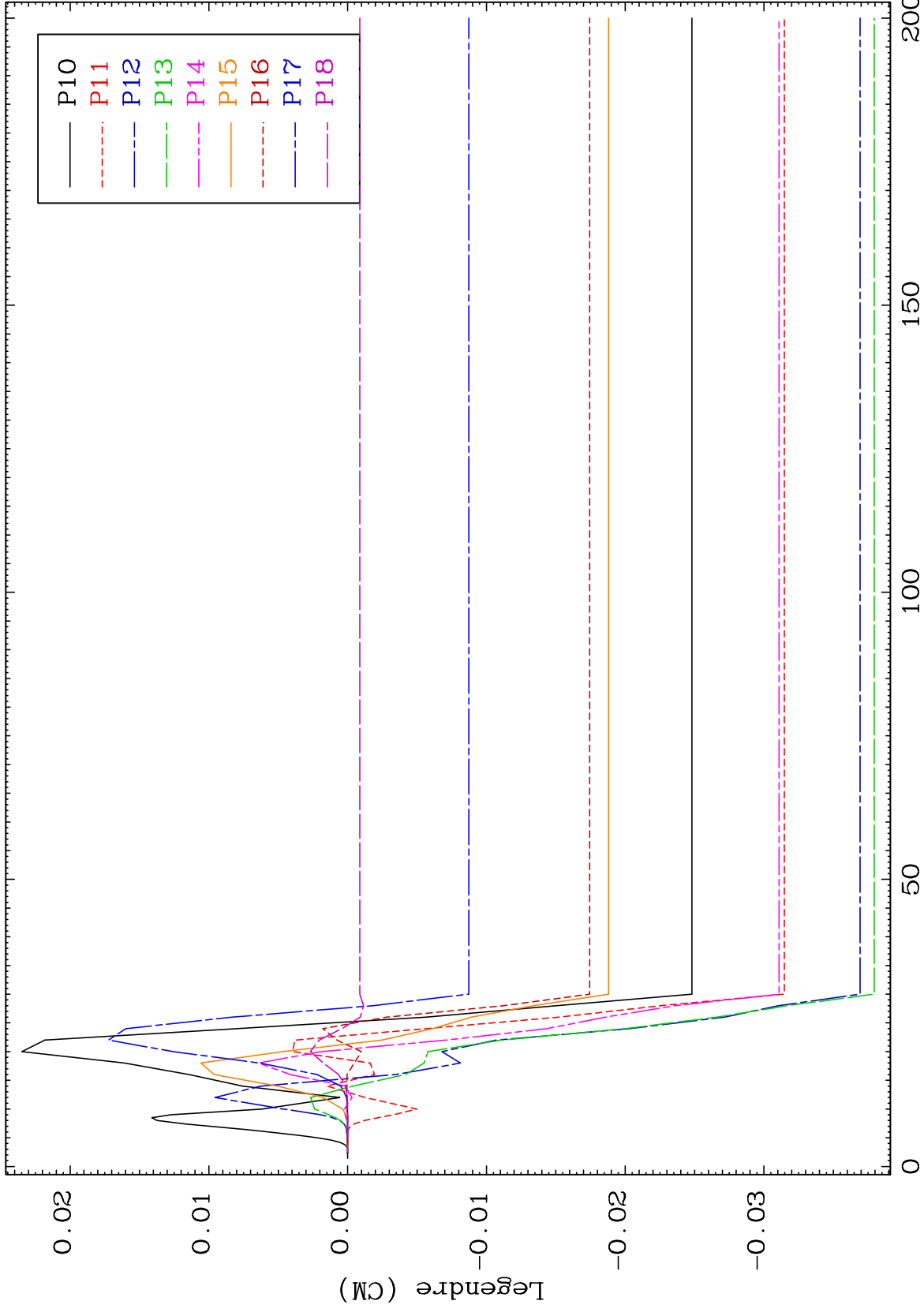
Incident Energy (MeV)

107

MAT 7134

1.167 MeV (n,n') Level
Legendre Coefficients

71-Lu-178



108

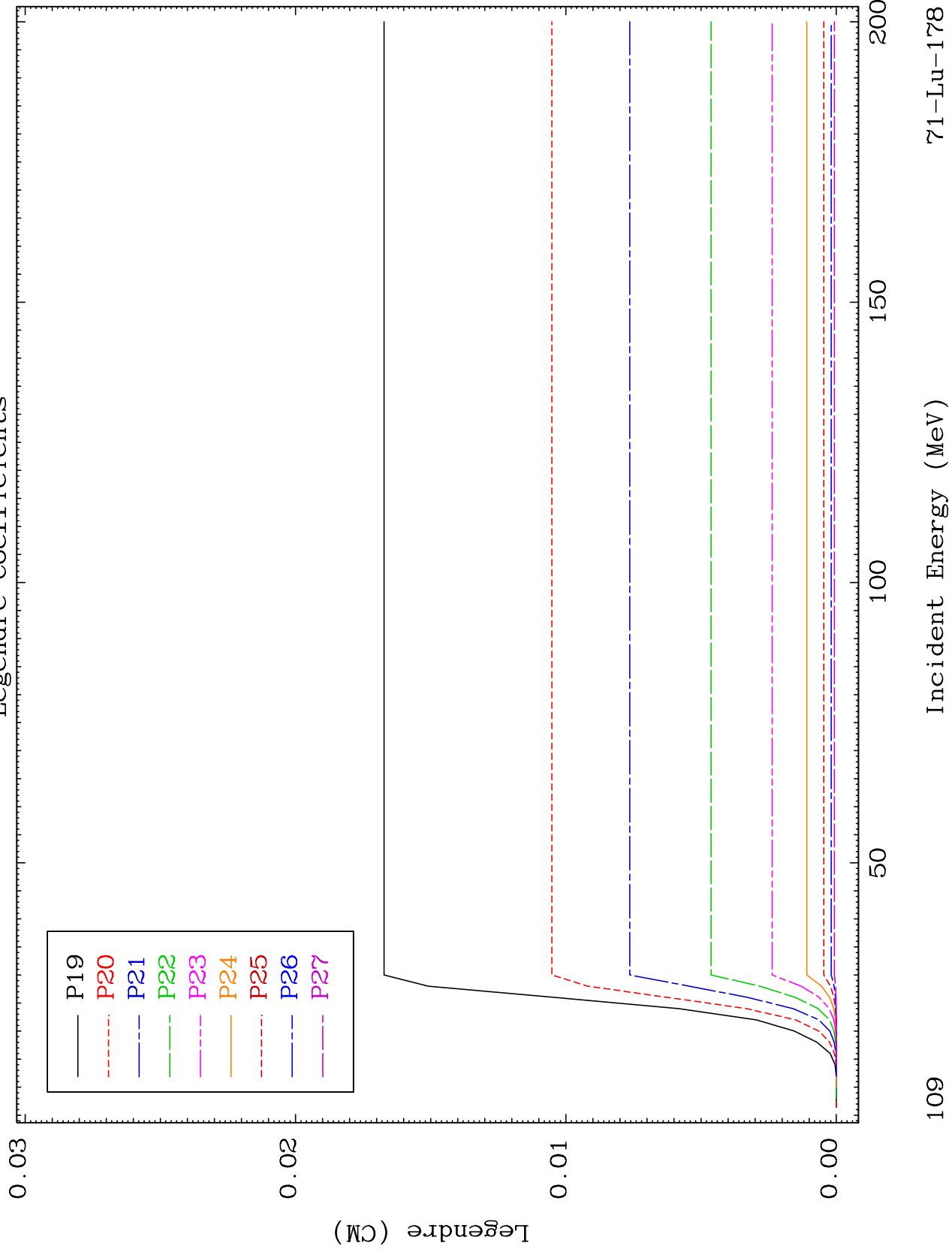
Incident Energy (MeV)

71-Lu-178

MAT 7134

1.167 MeV (n,n') Level
Legendre Coefficients

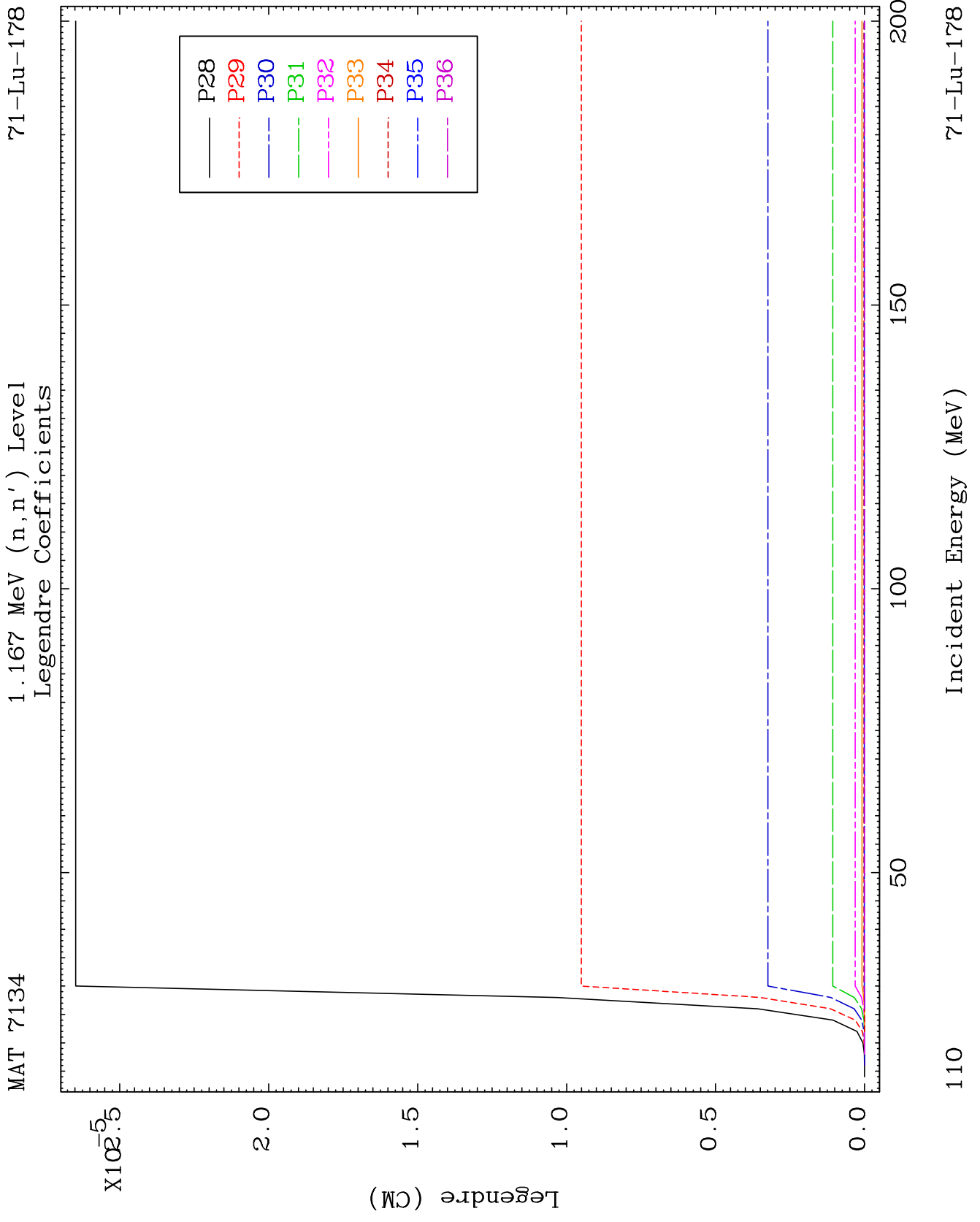
71-Lu-178

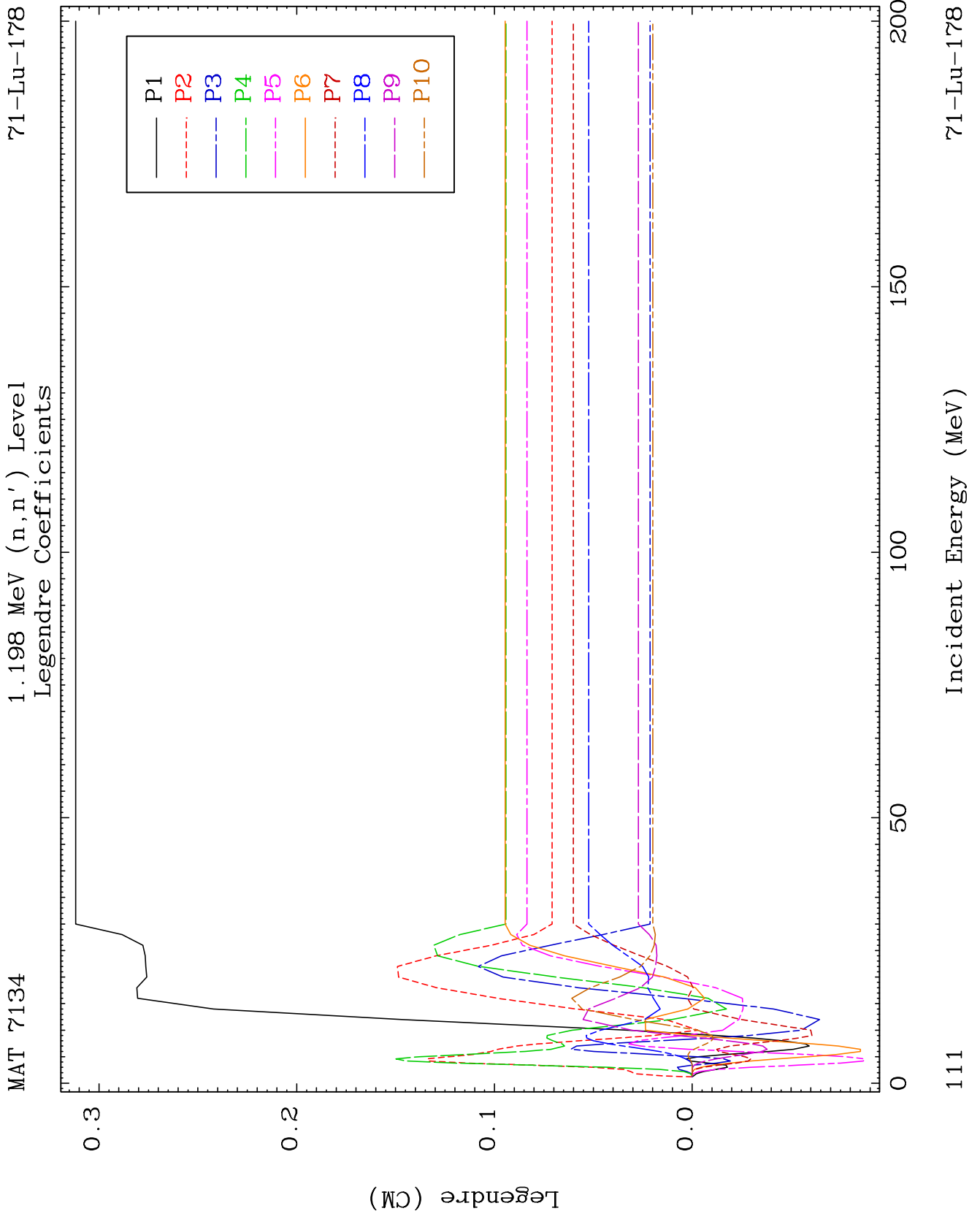


109

Incident Energy (MeV)

71-Lu-178

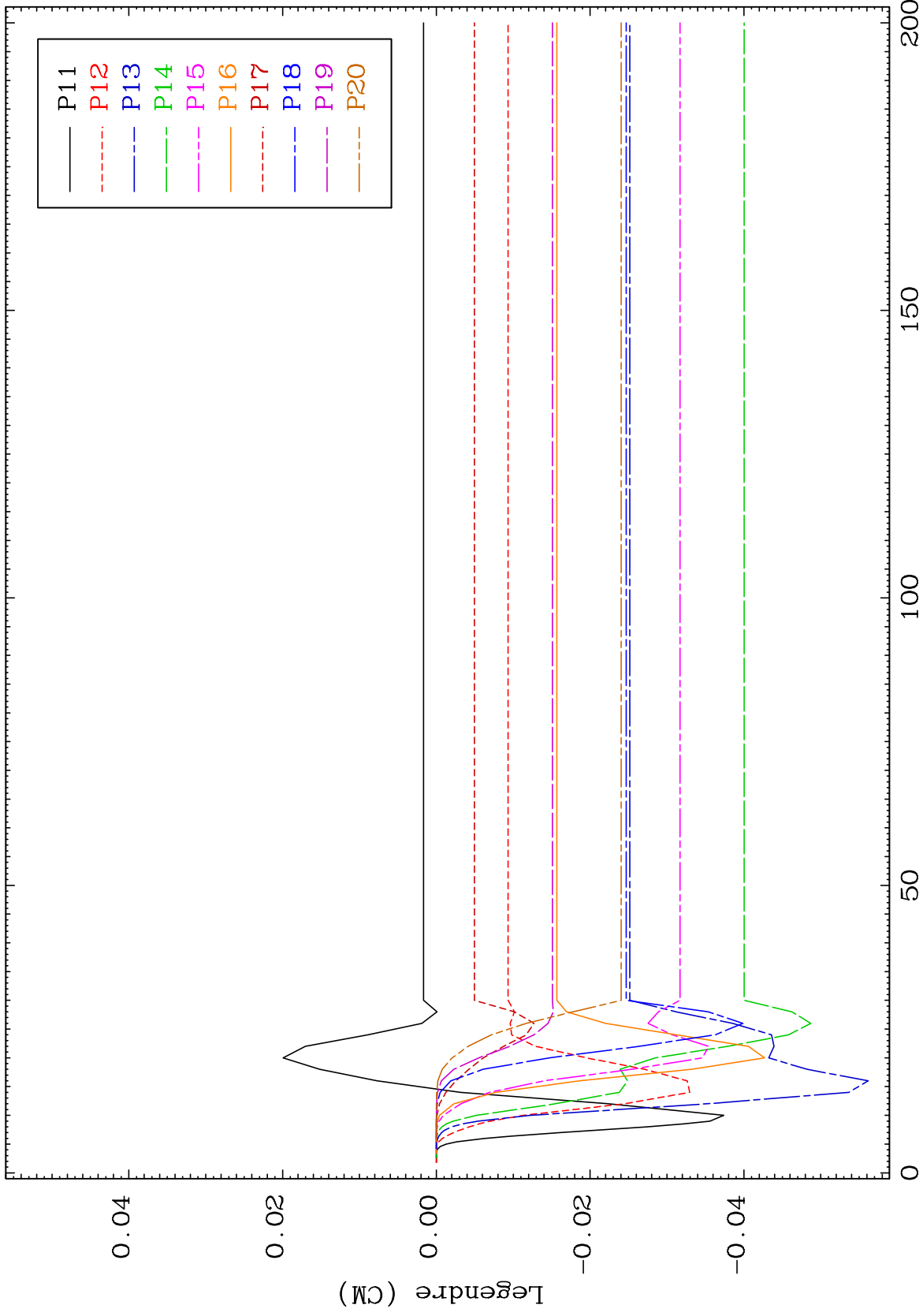




MAT 7134

1.198 MeV (n,n') Level
Legendre Coefficients

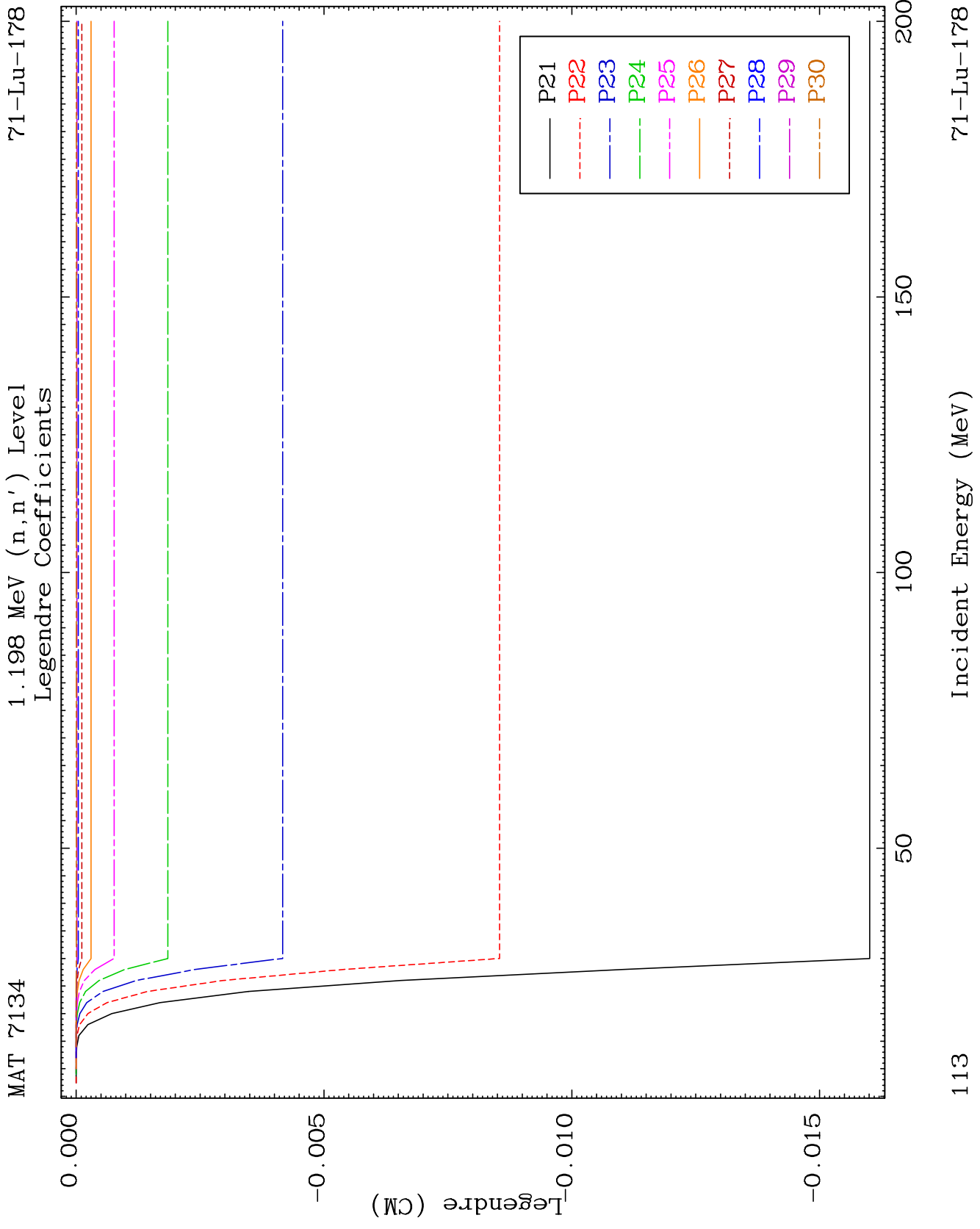
71-Lu-178

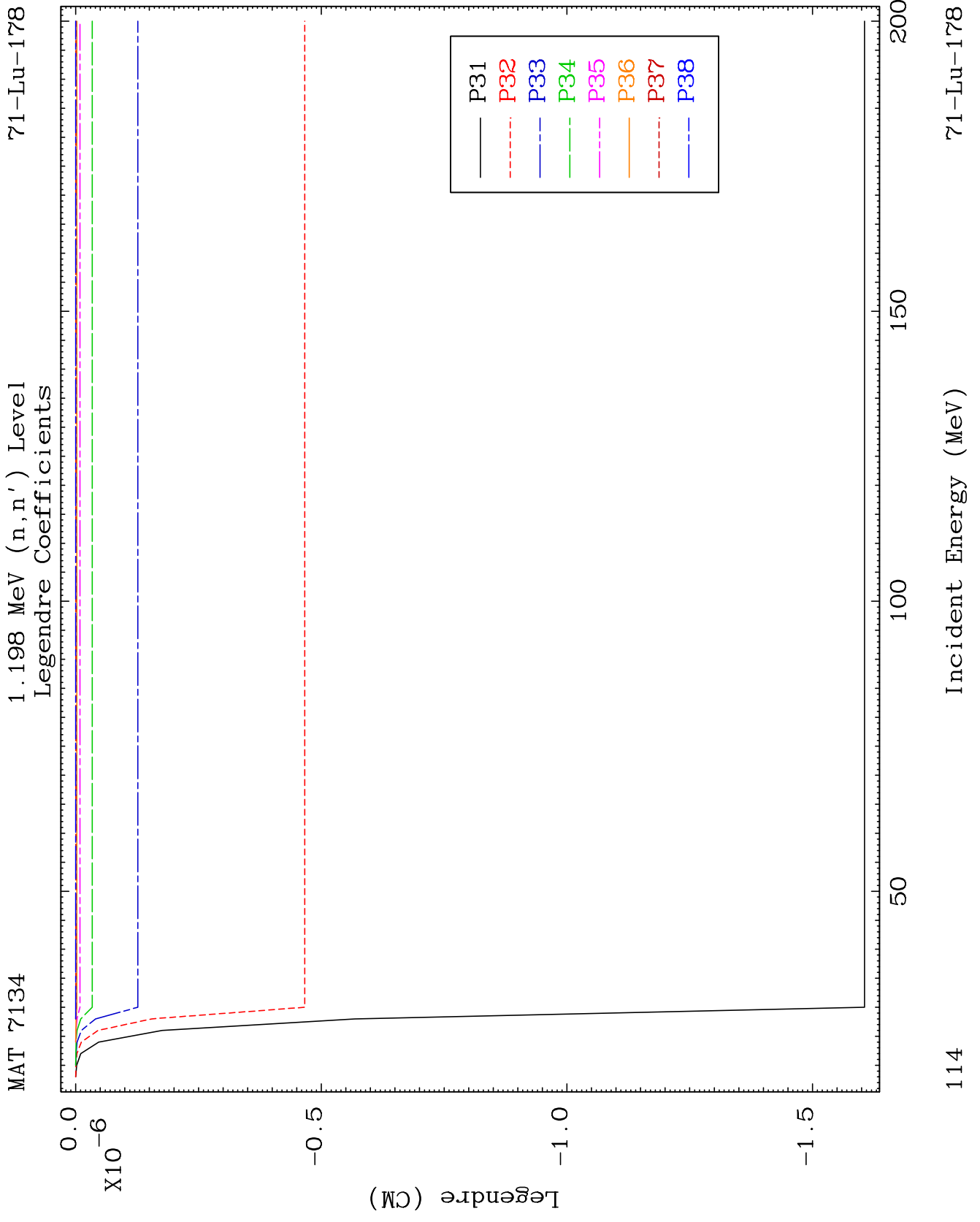


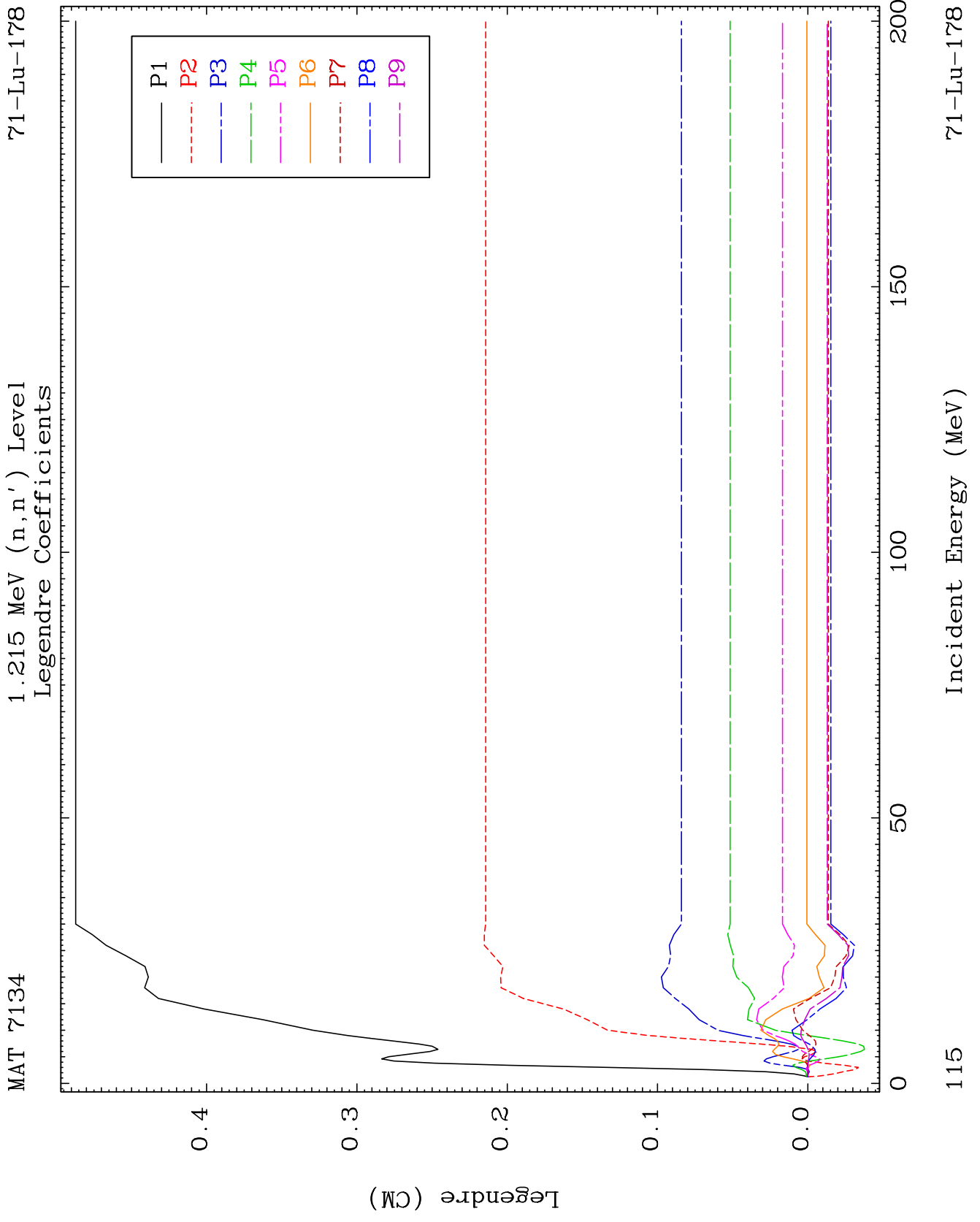
112

Incident Energy (MeV)

71-Lu-178



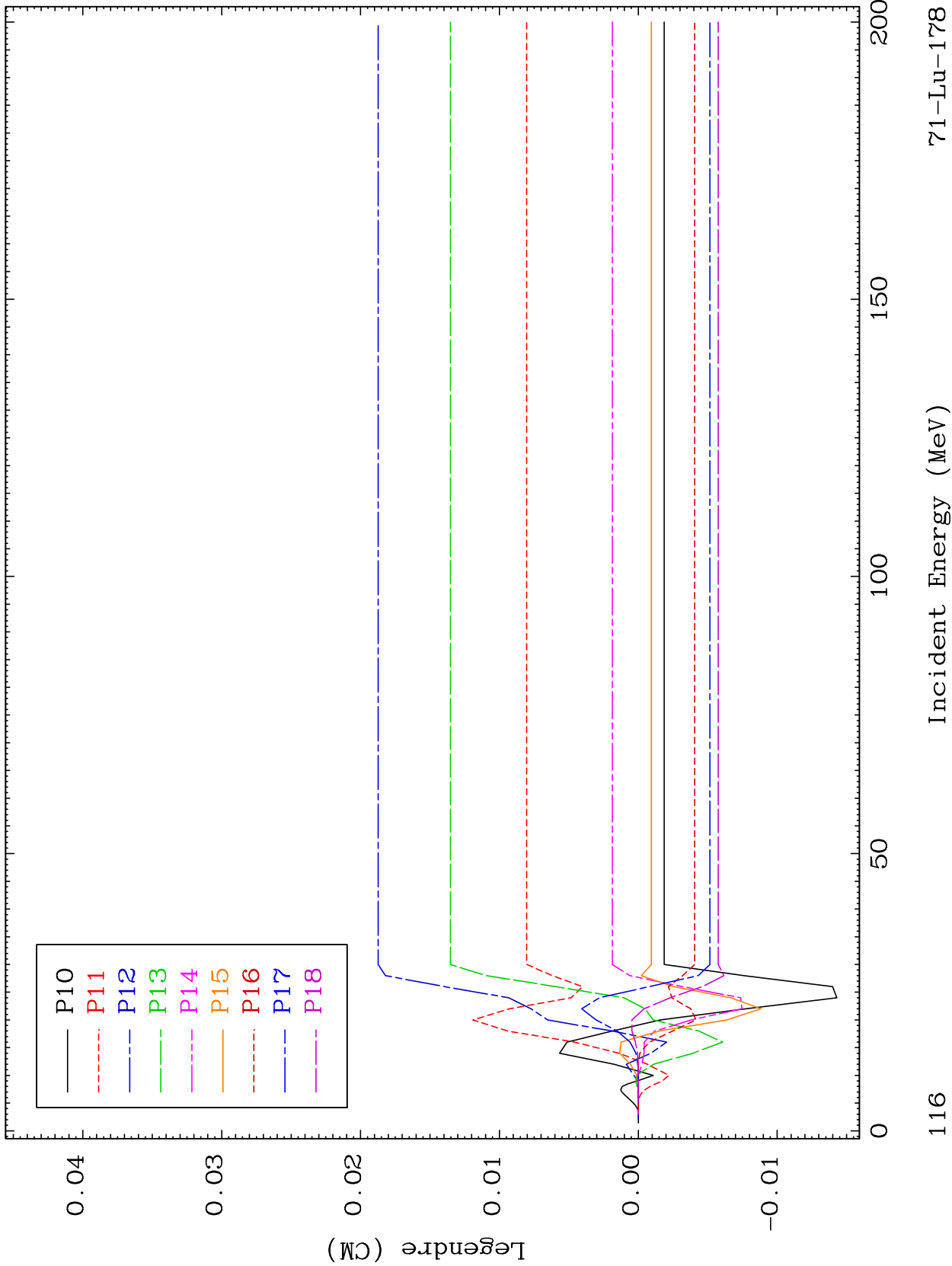




MAT 7134

1.215 MeV (n, n') Level
Legendre Coefficients

71-Lu-178



116

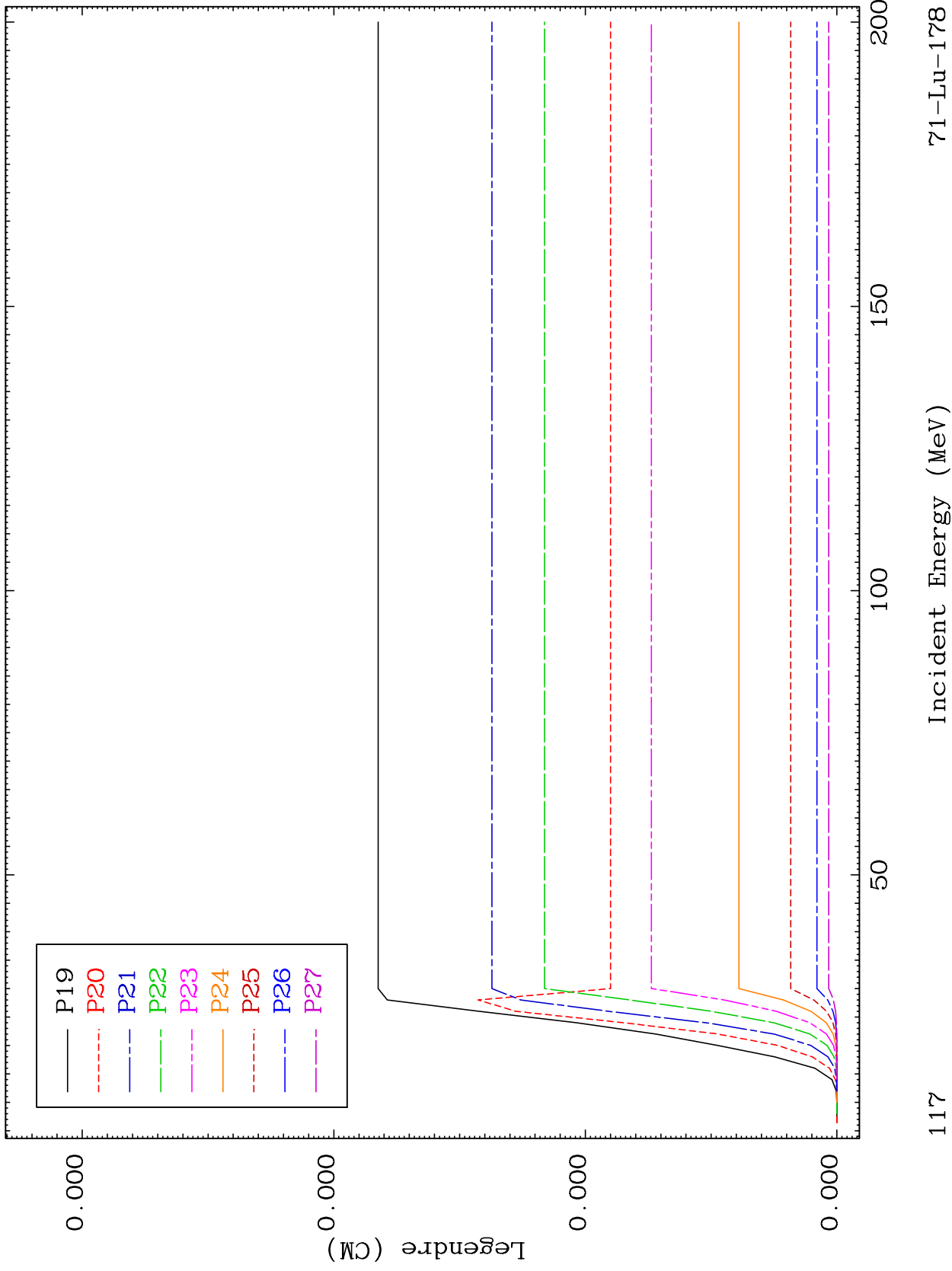
Incident Energy (MeV)

71-Lu-178

MAT 7134

1.215 MeV (n,n') Level
Legendre Coefficients

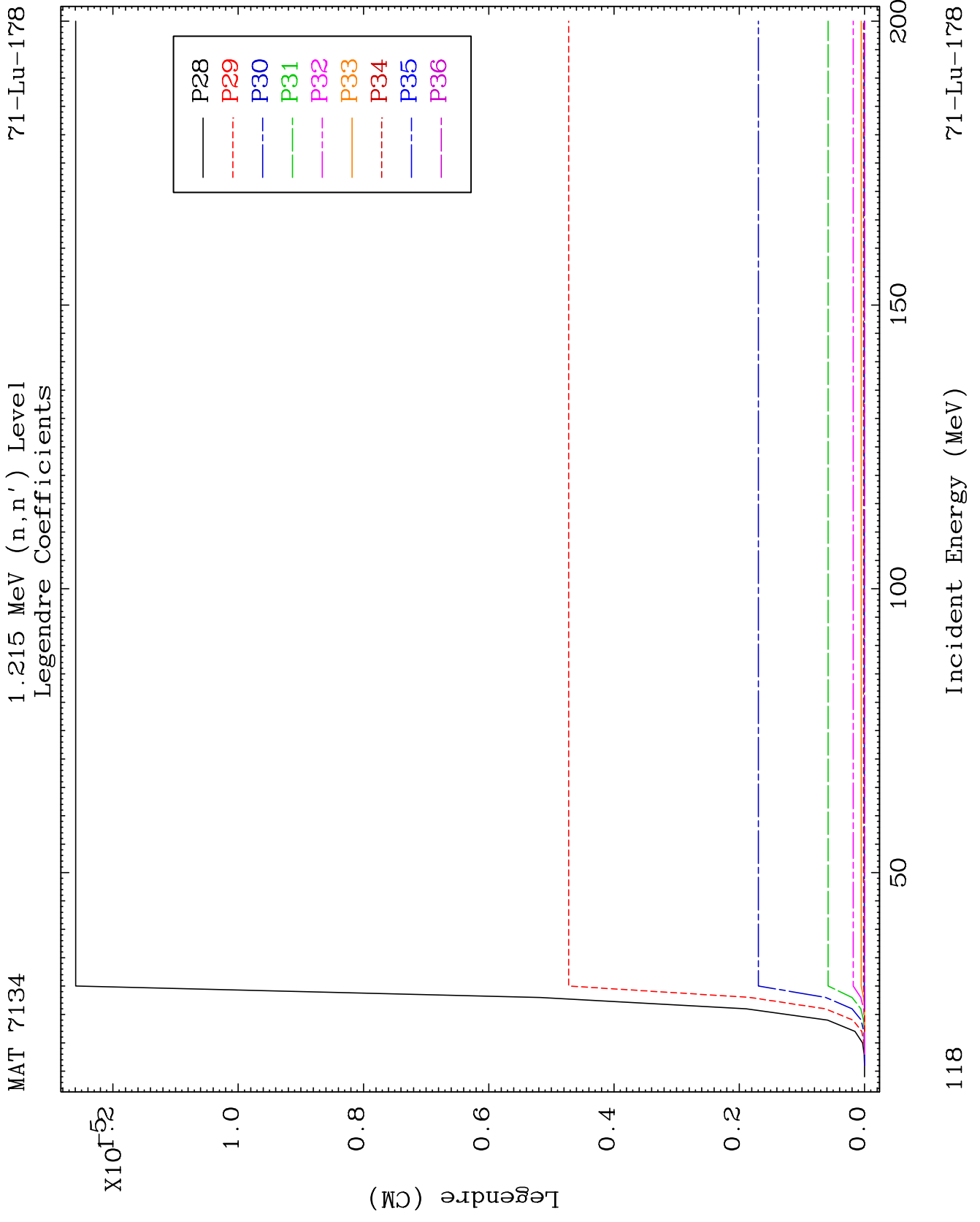
71-Lu-178

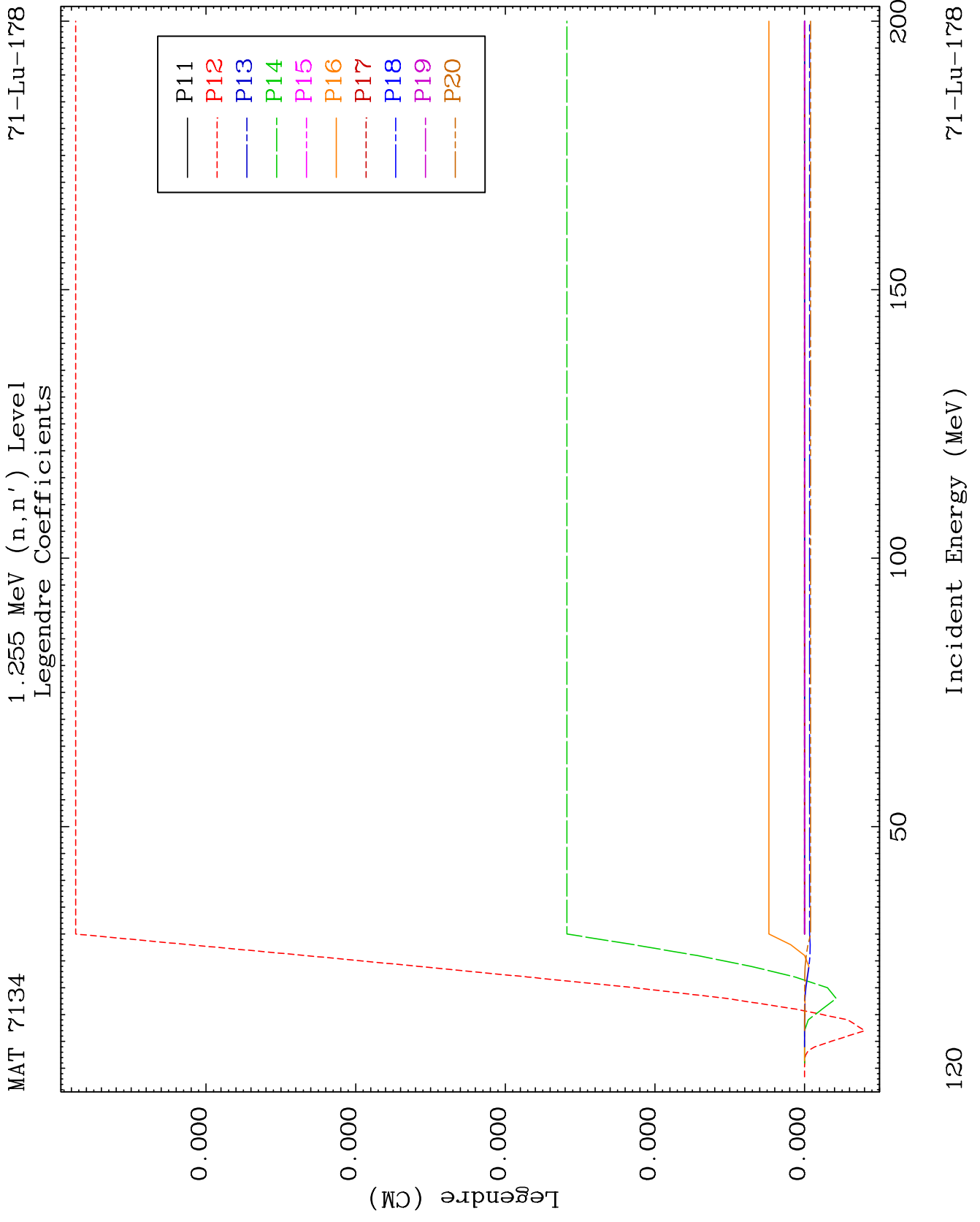


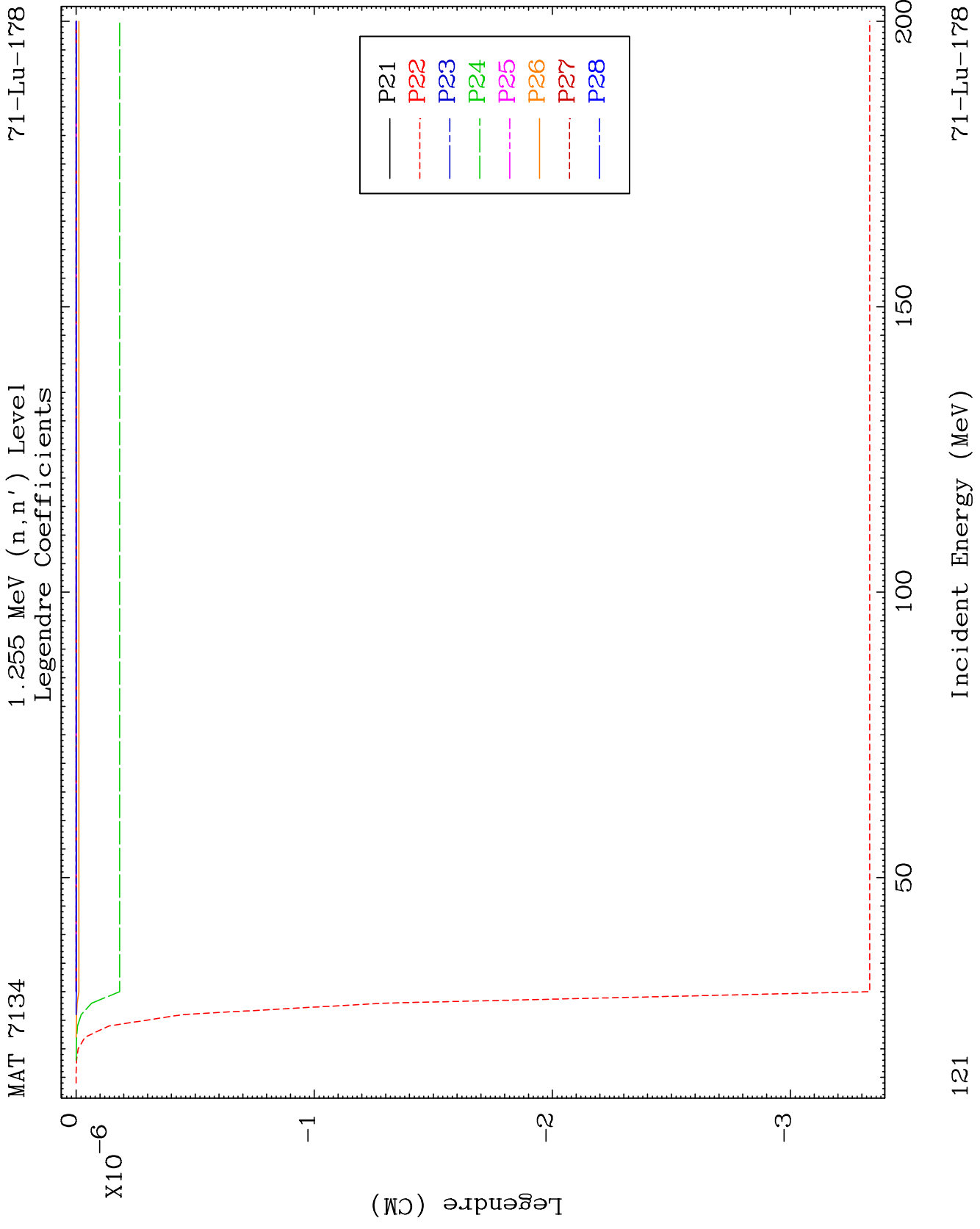
117

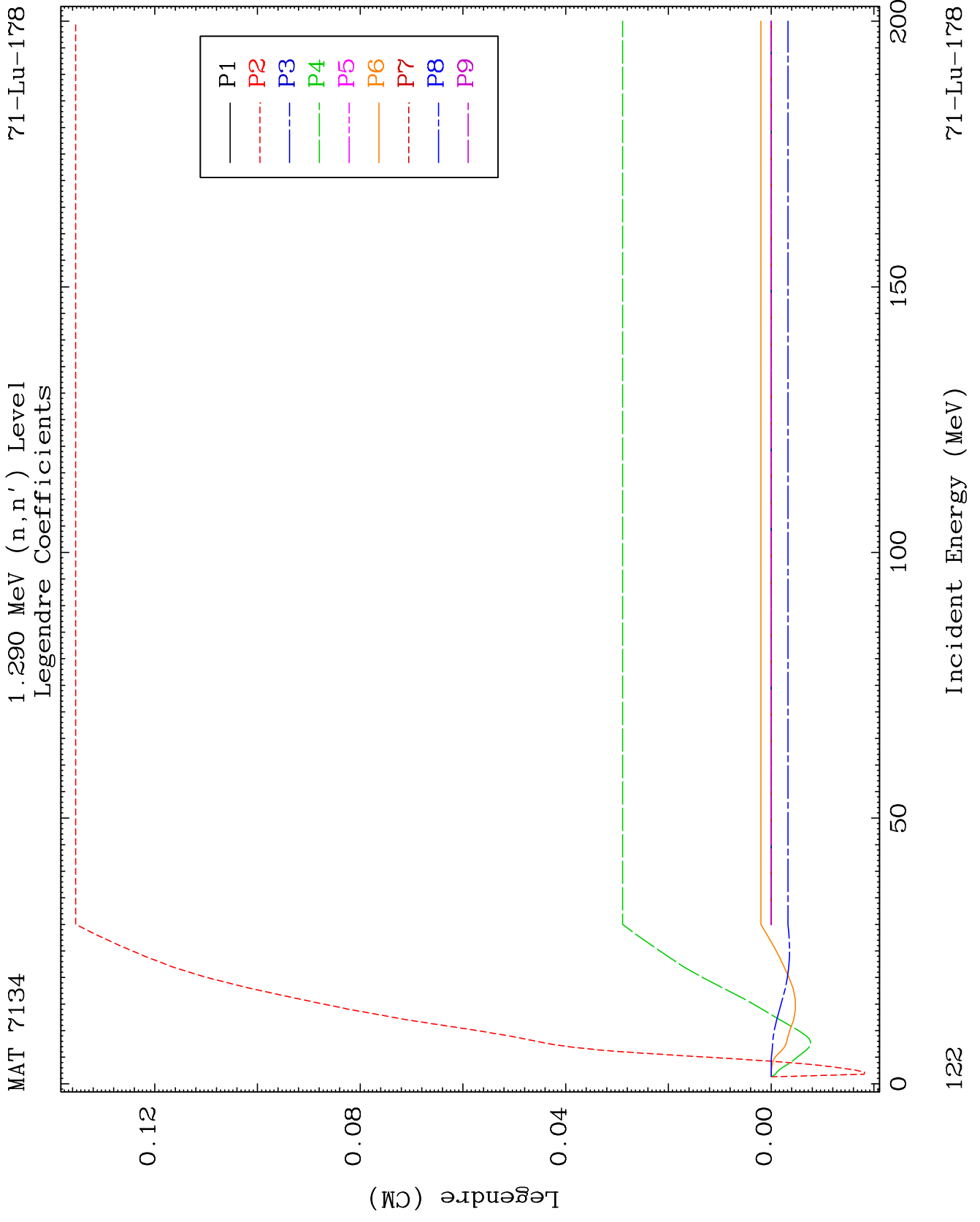
Incident Energy (MeV)

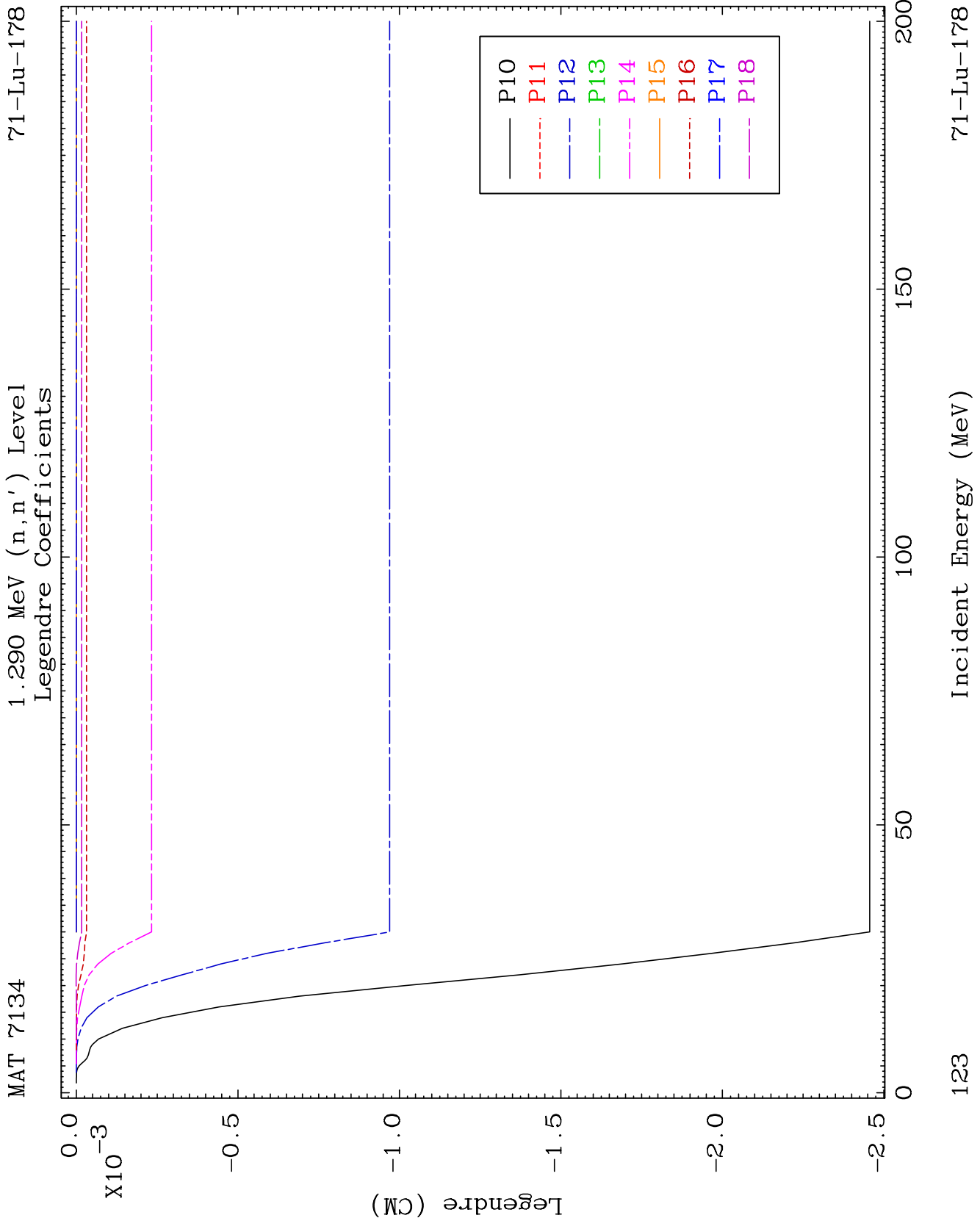
71-Lu-178

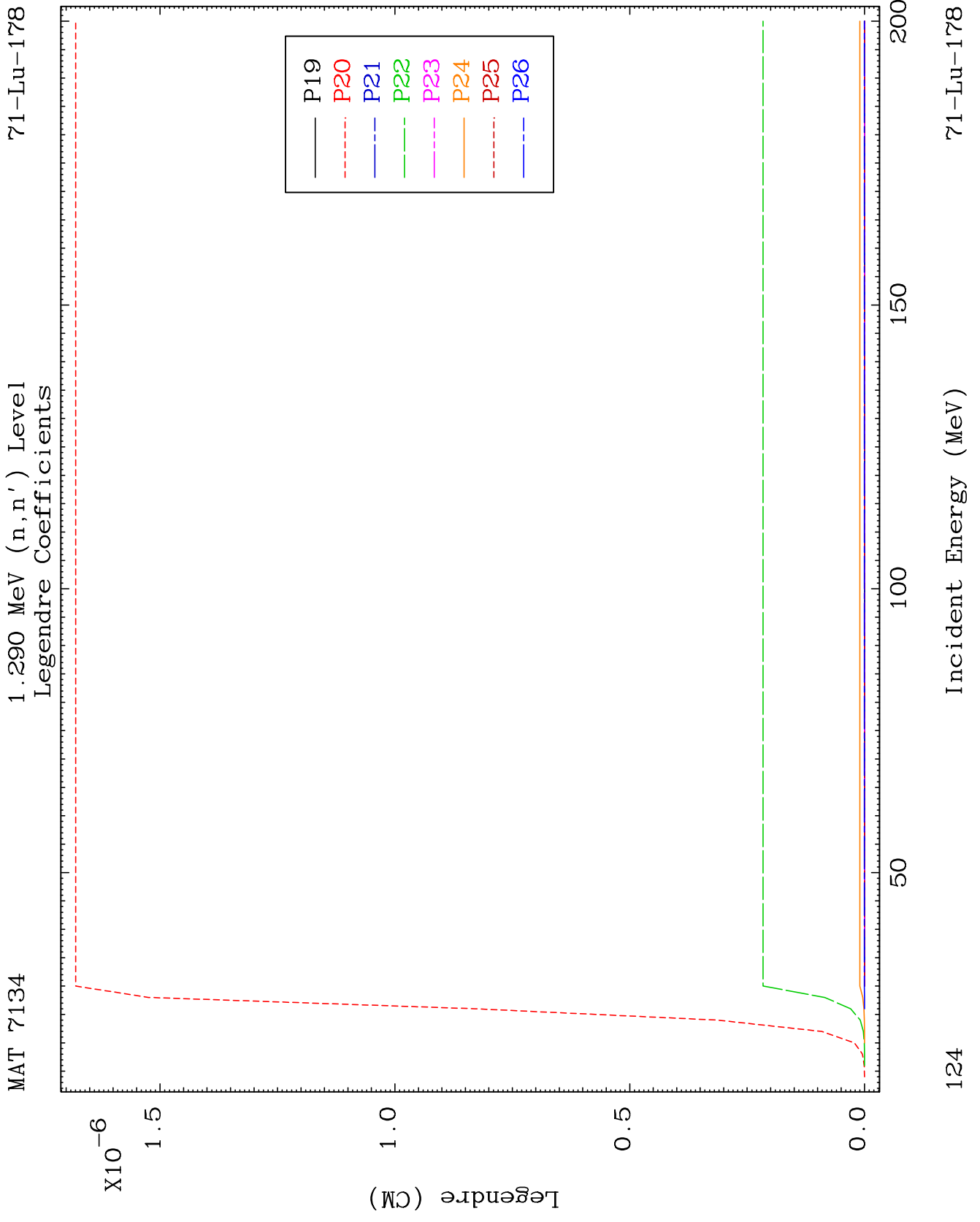








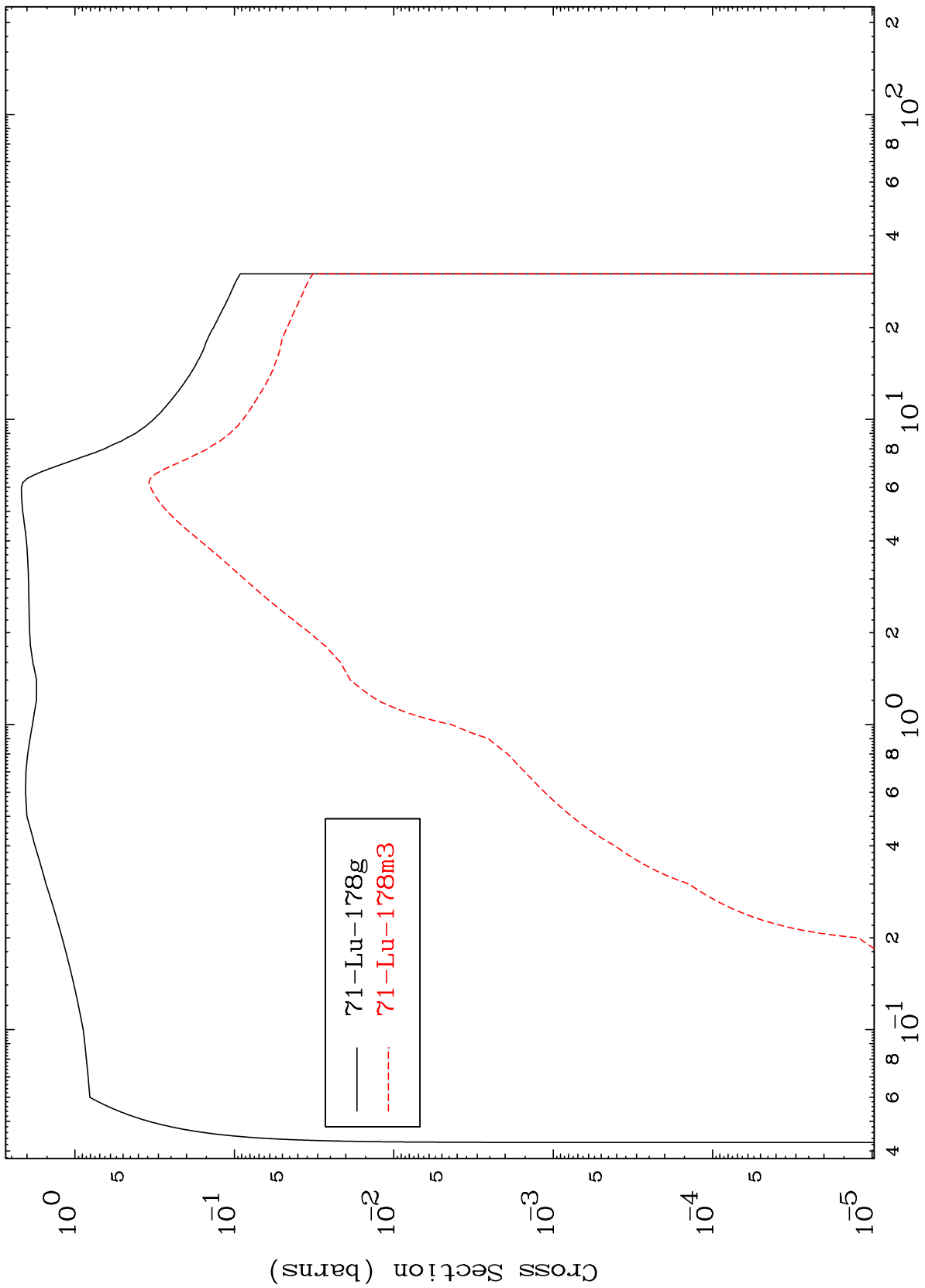




MAT 7134

71-Lu-178

Inelastic
Radionuclide Production Cross Section



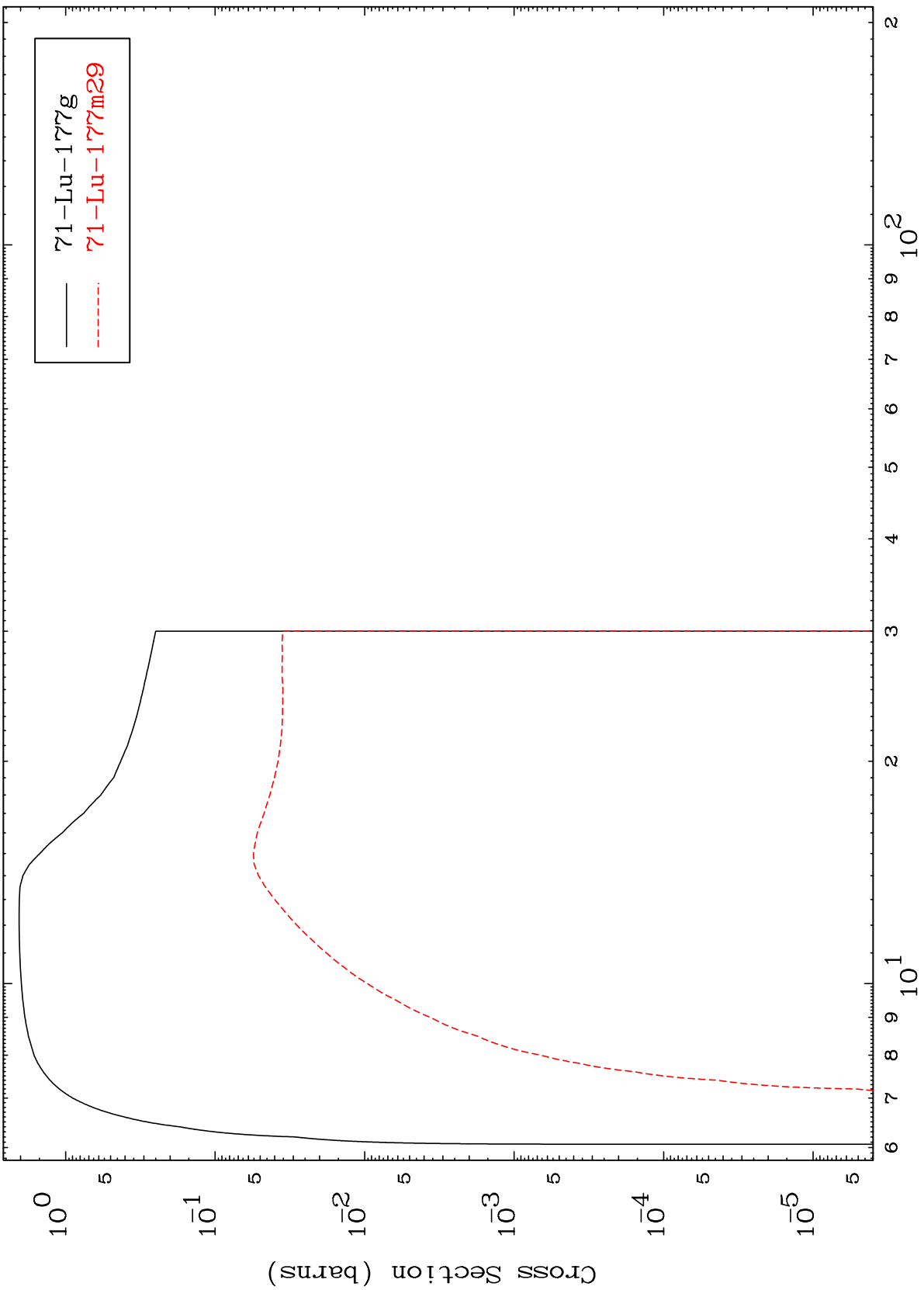
125

71-Lu-178

MAT 7134

71-Lu-178

(n,2n)
Radionuclide Production Cross Section



71-Lu-177g
71-Lu-177m29

126

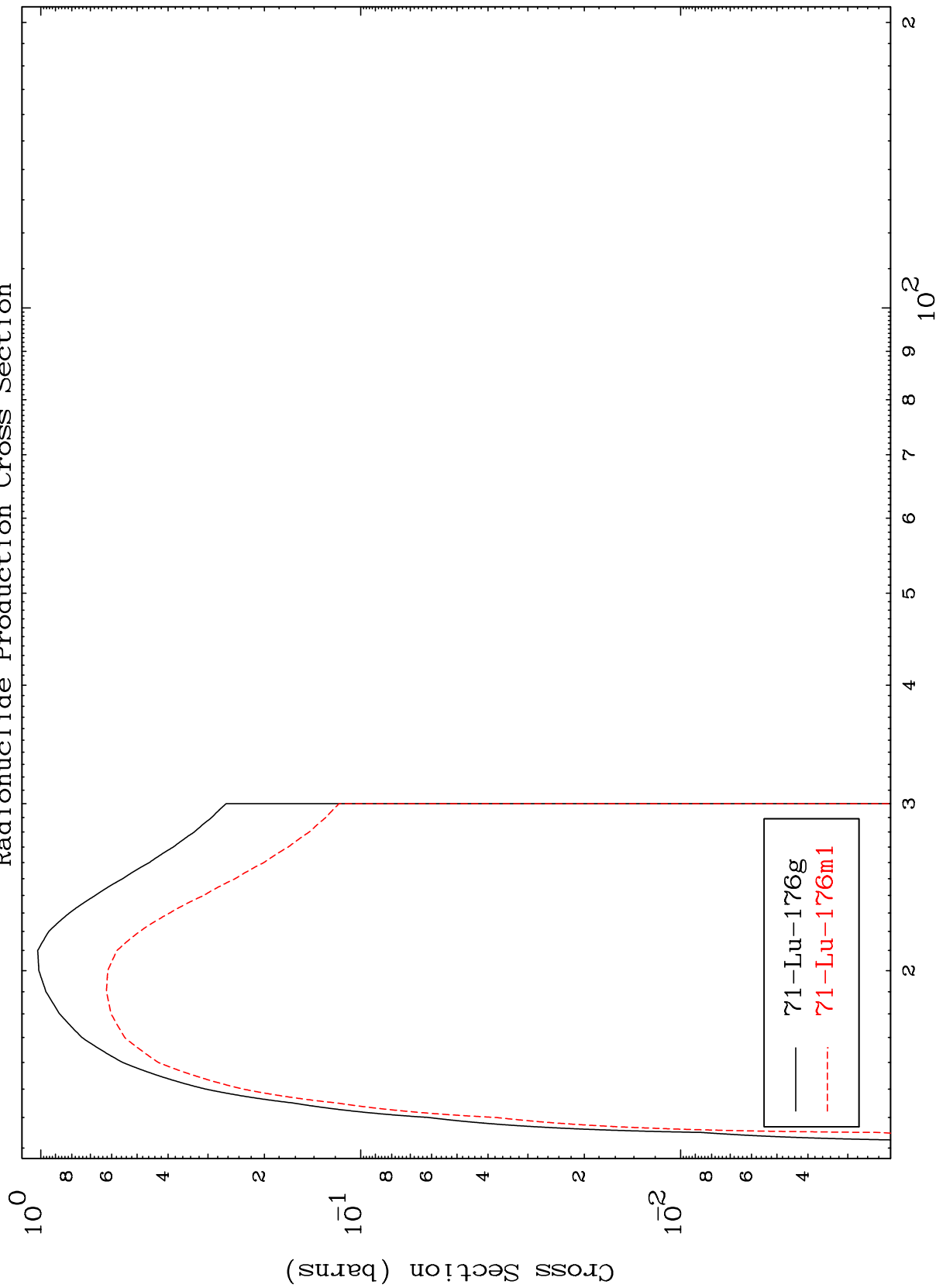
Incident Energy (MeV)

71-Lu-178

MAT 7134

71-Lu-178

(n,3n) Radionuclide Production Cross Section



71-Lu-178

Incident Energy (MeV)

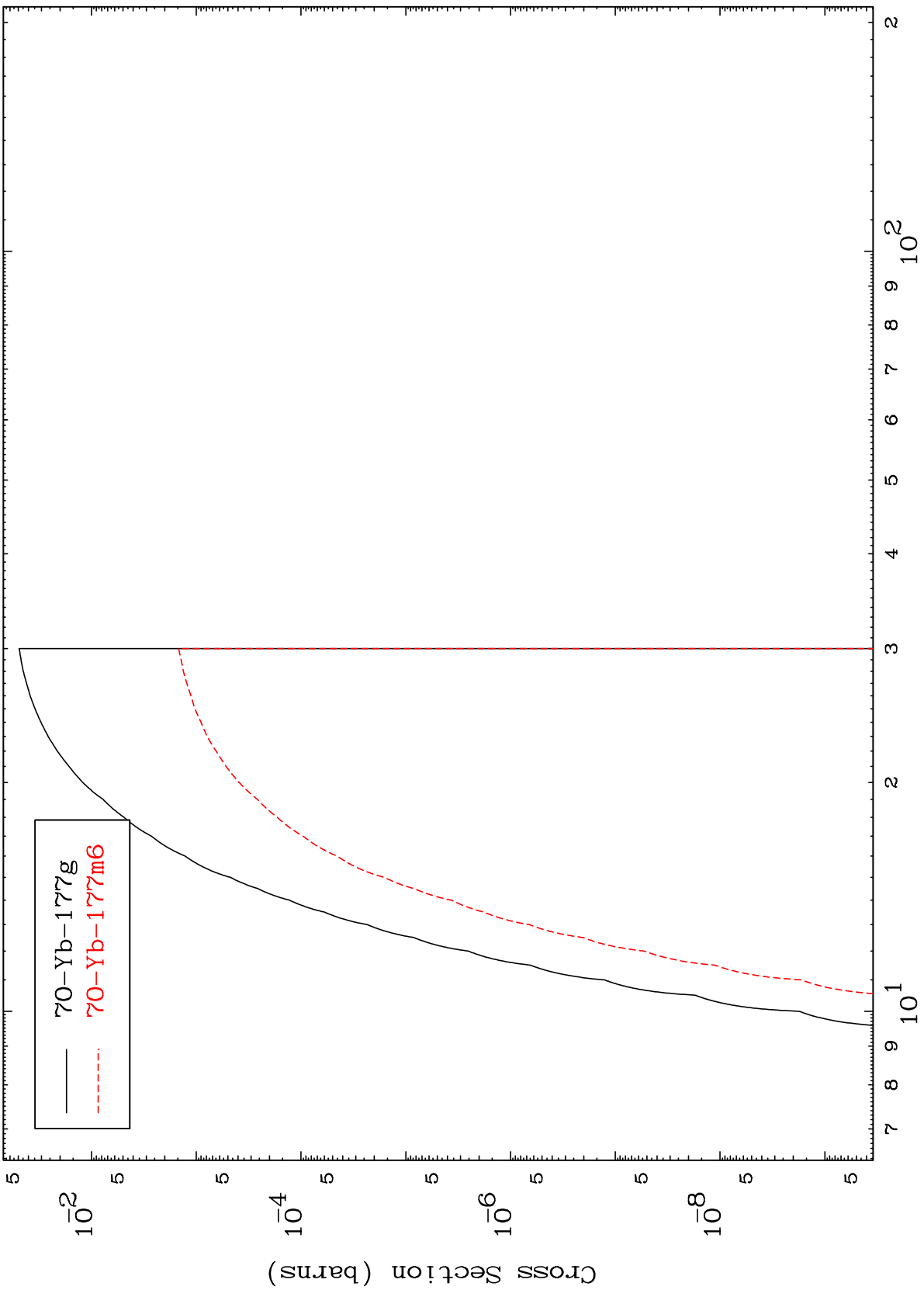
127

MAT 7134

(n,n') p

71-Lu-178

Radionuclide Production Cross Section



128

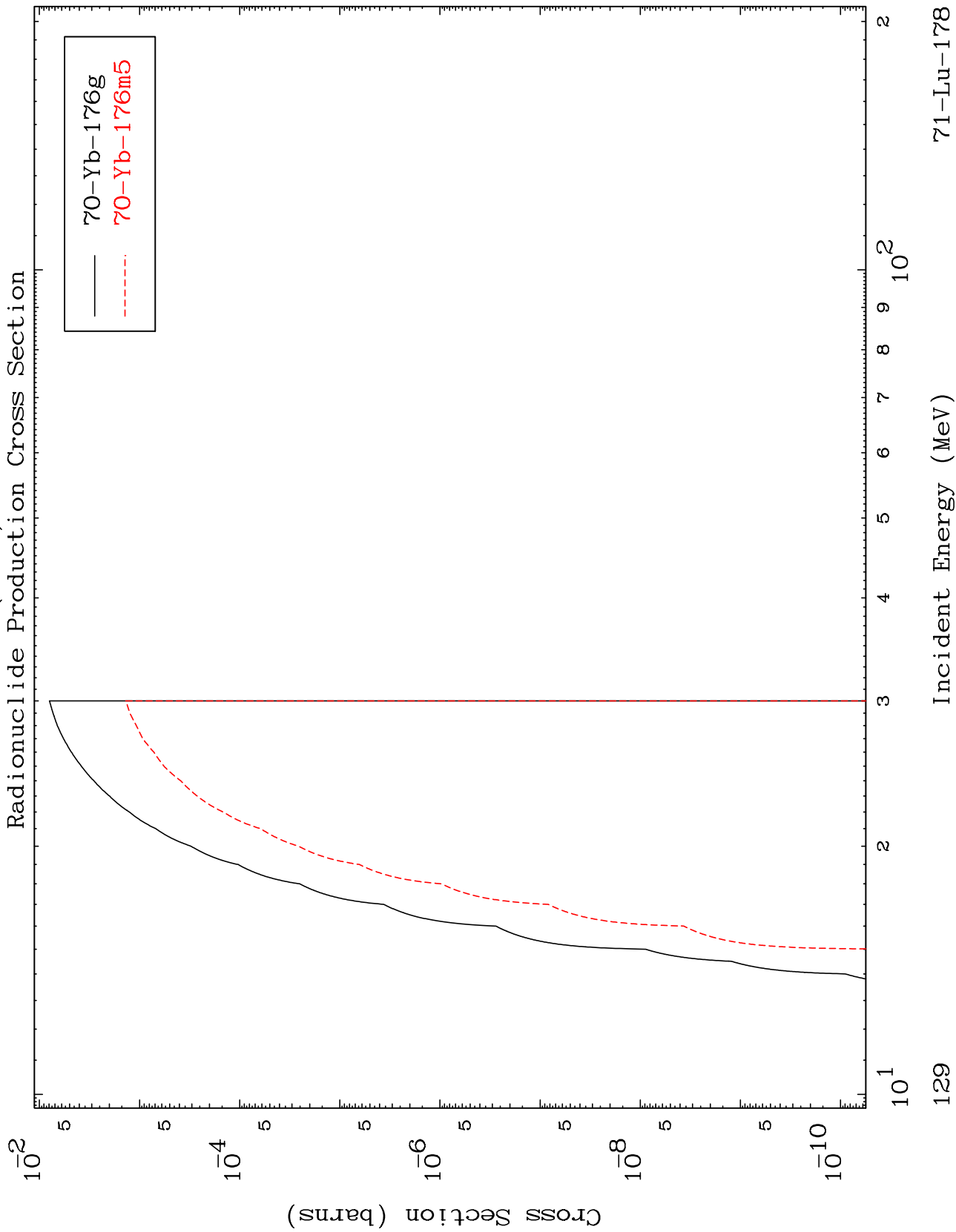
Incident Energy (MeV)

71-Lu-178

MAT 7134

(n,n') d

71-Lu-178



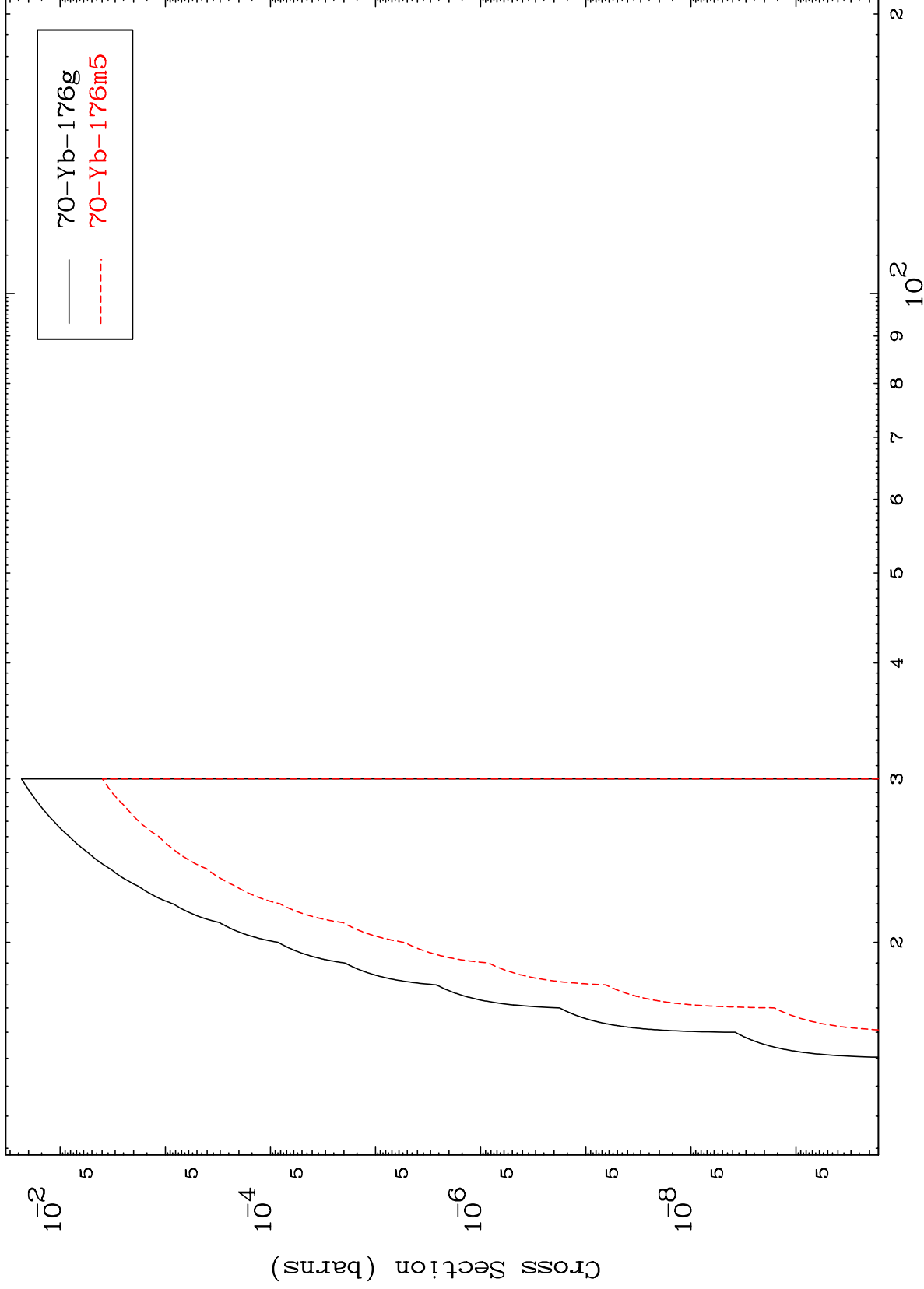
129

MAT 7134

(n,2n) p

71-Lu-178

Radionuclide Production Cross Section



130

Incident Energy (MeV)

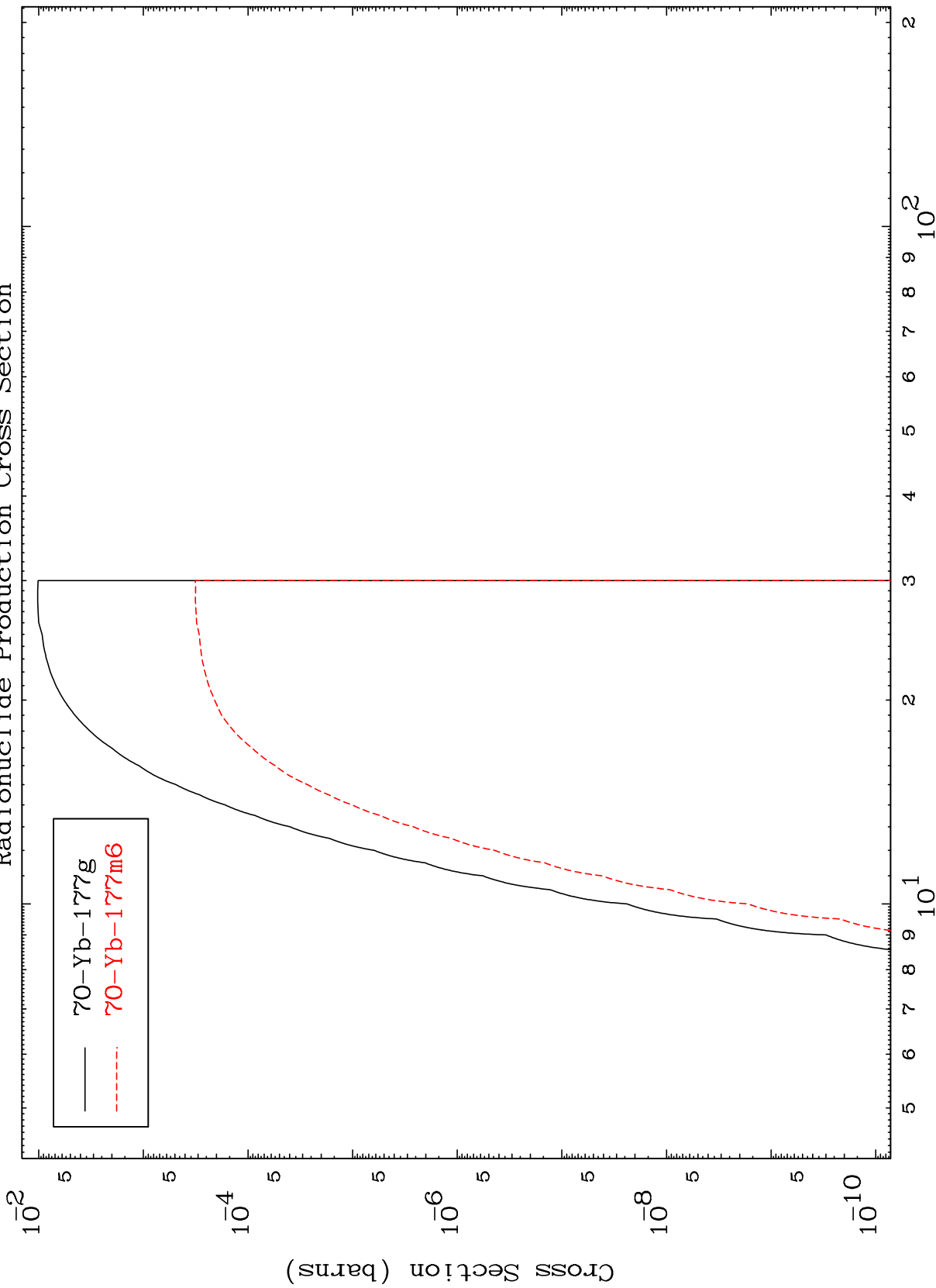
71-Lu-178

MAT 7134

(n,d)

⁷¹Lu-178

Radionuclide Production Cross Section



— ⁷⁰Yb-177g
- - - ⁷⁰Yb-177m6

131

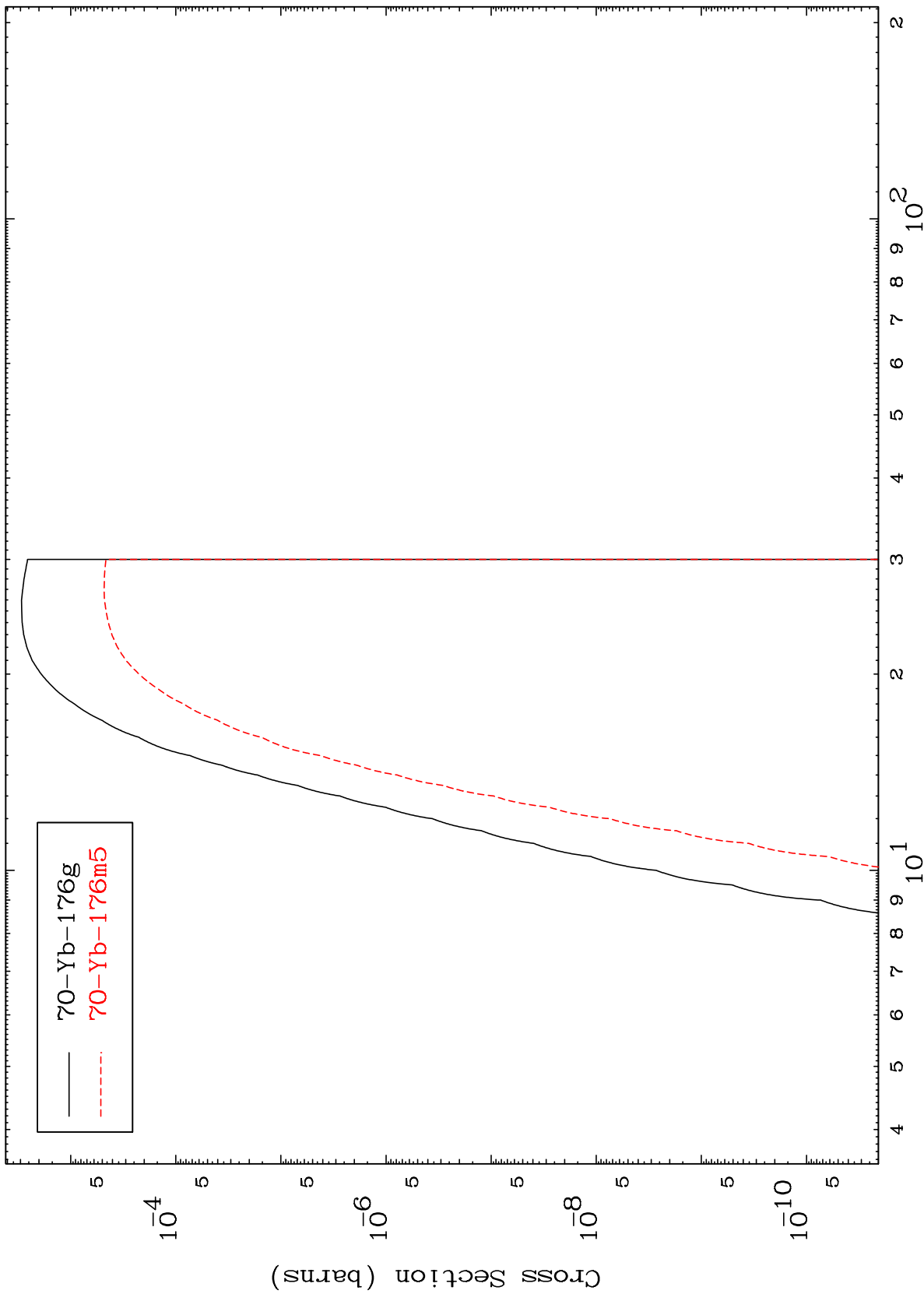
Incident Energy (MeV)

⁷¹Lu-178

MAT 7134

71-Lu-178

(n, t)
Radionuclide Production Cross Section



132

Incident Energy (MeV)

71-Lu-178