

Program EVALPLOT
(Version 2015-2)

by

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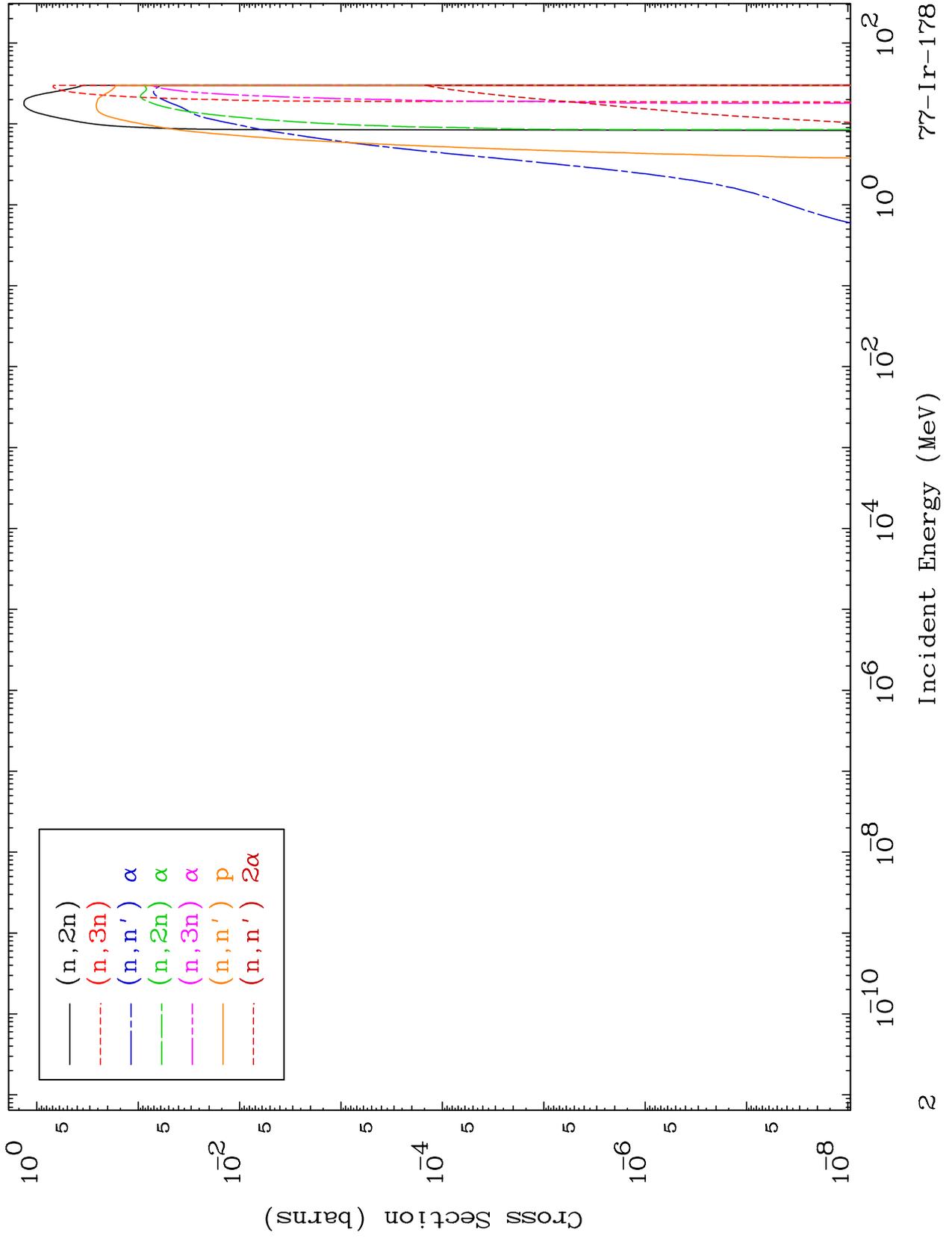
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 7686

Neutron Production
293 Kelvin Cross Sections

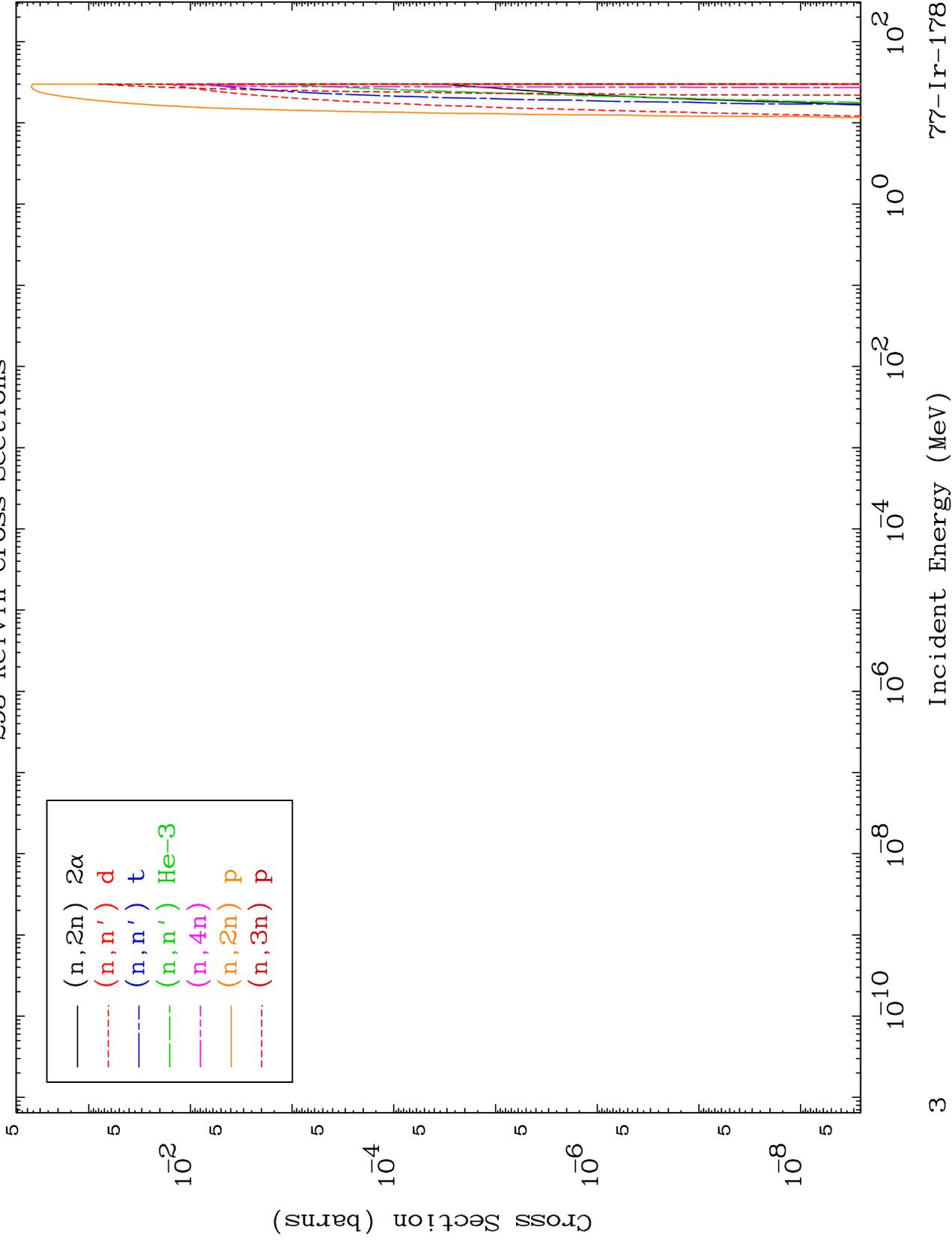
77-Ir-178



MAT 7686

Neutron Production
293 Kelvin Cross Sections

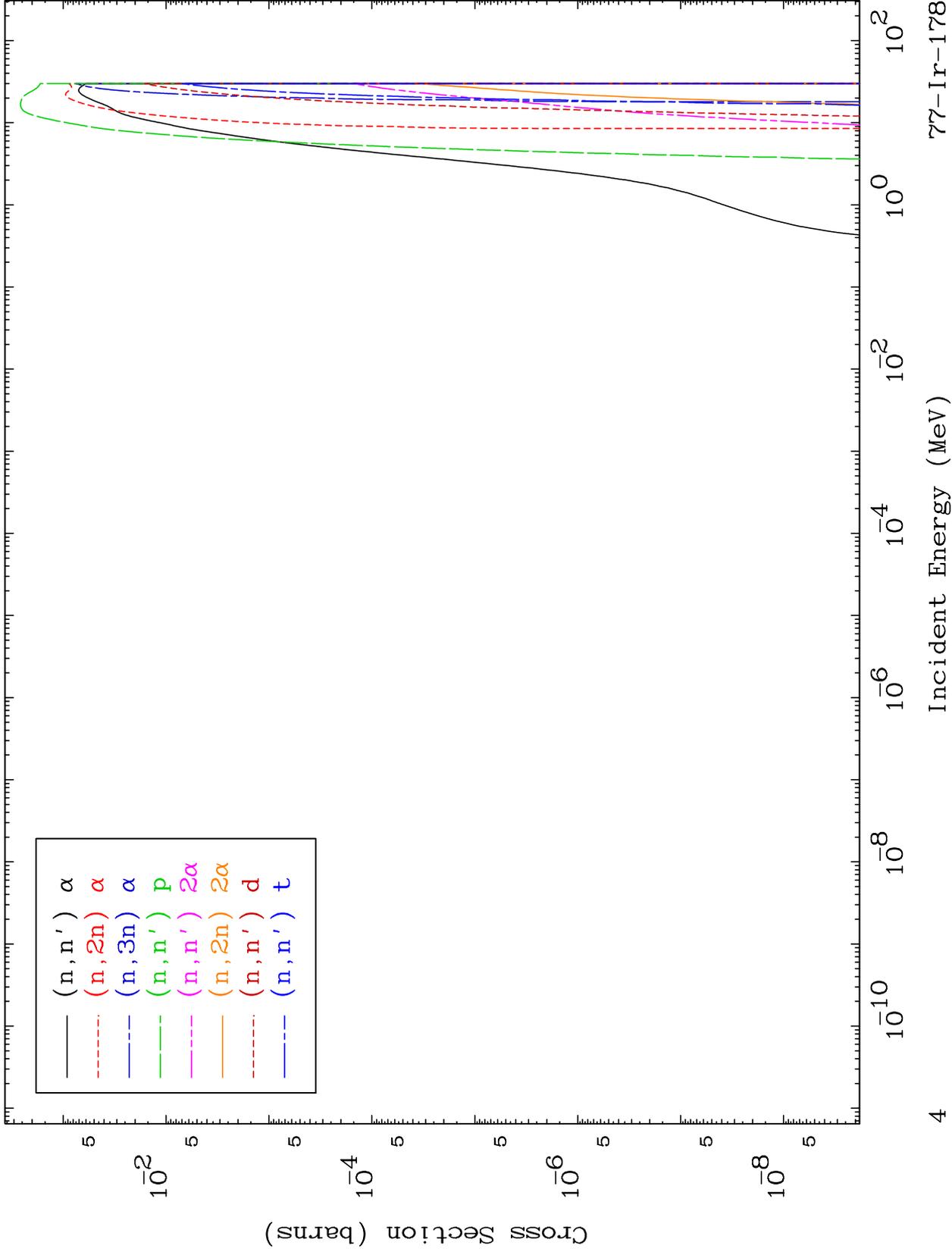
⁷⁷Ir-178

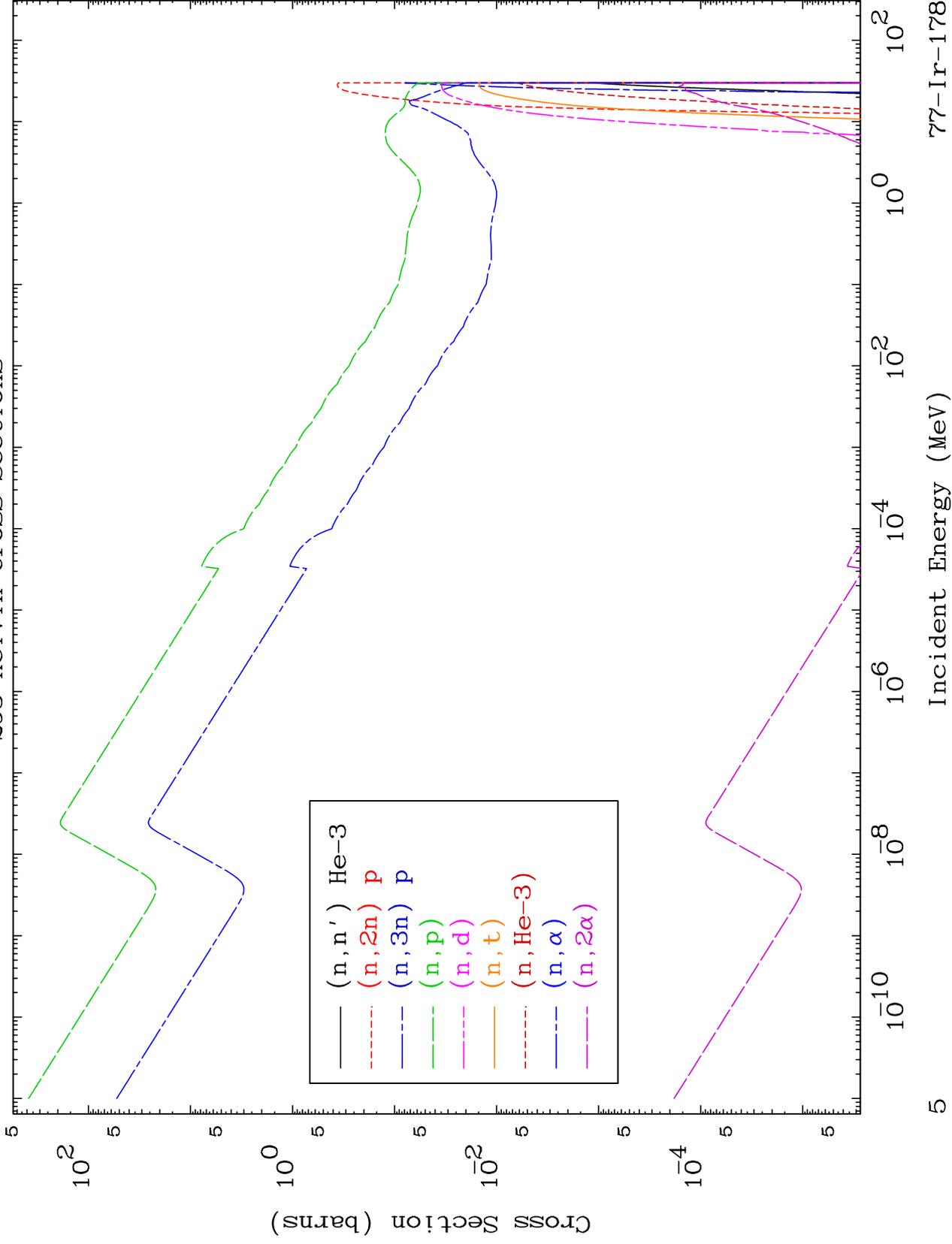


MAT 7686

Charged Particle
293 Kelvin Cross Sections

77-Ir-178

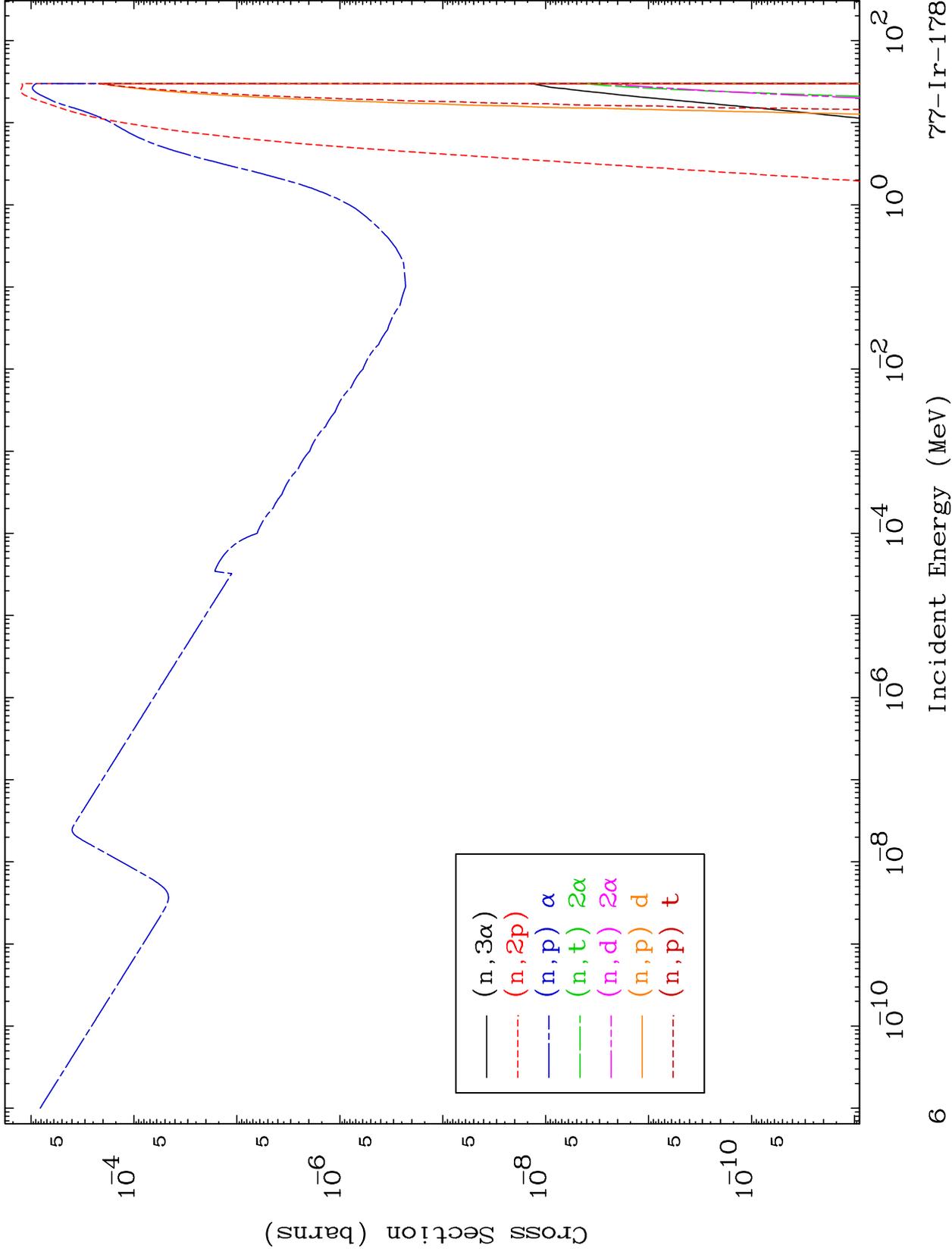


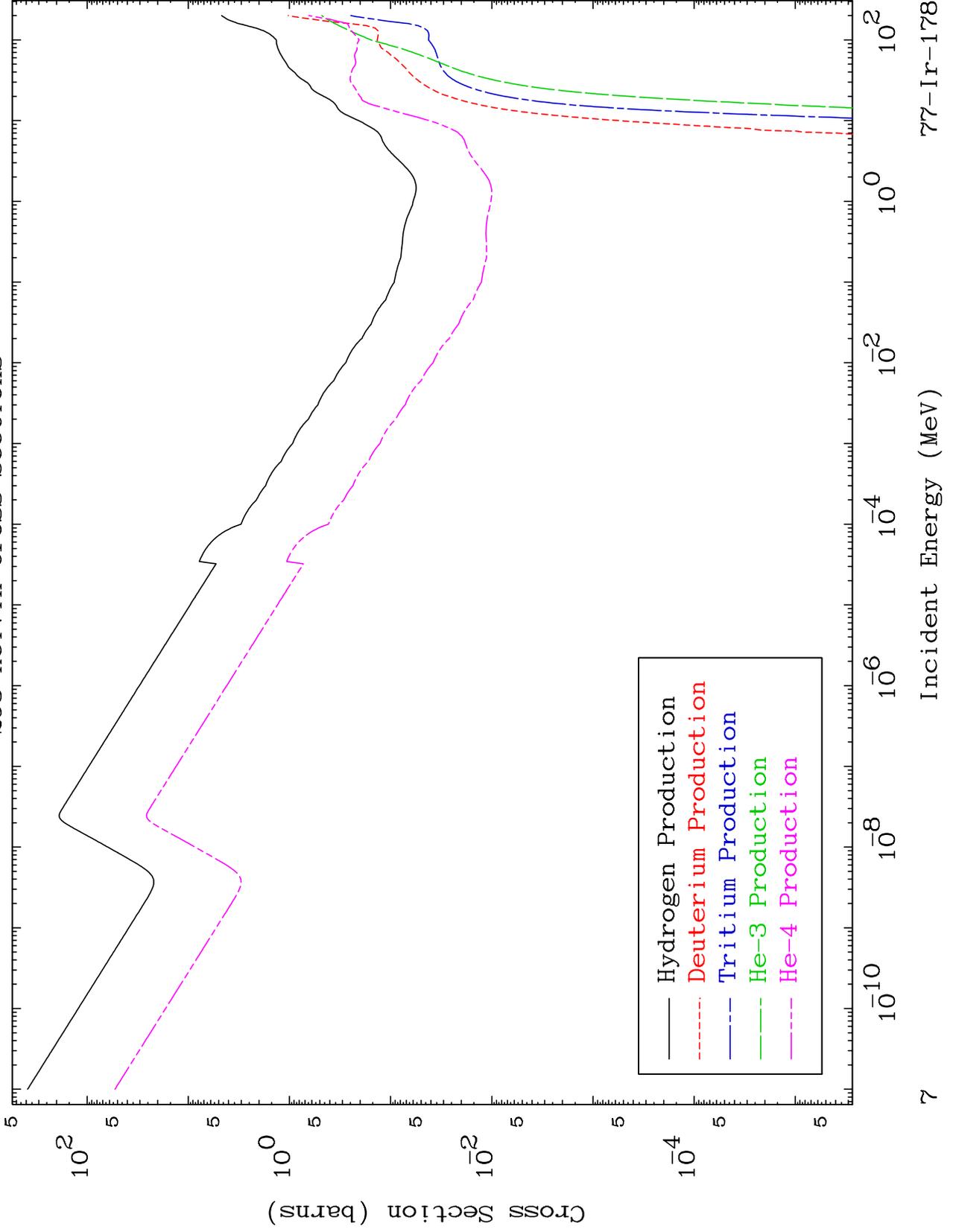


MAT 7686

Charged Particle
293 Kelvin Cross Sections

⁷⁷Ir-178

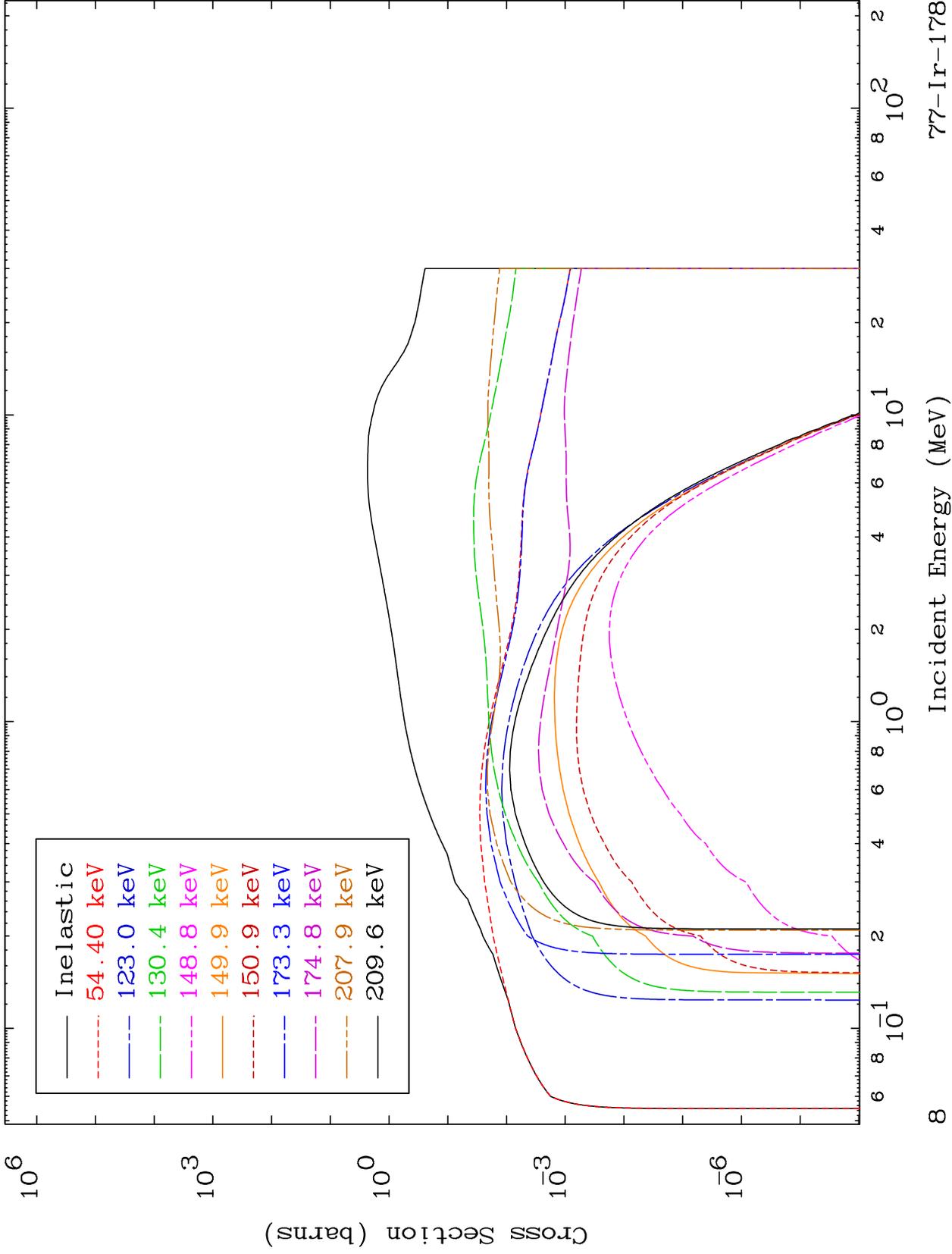




MAT 7686

(n,n') Level
293 Kelvin Cross Sections

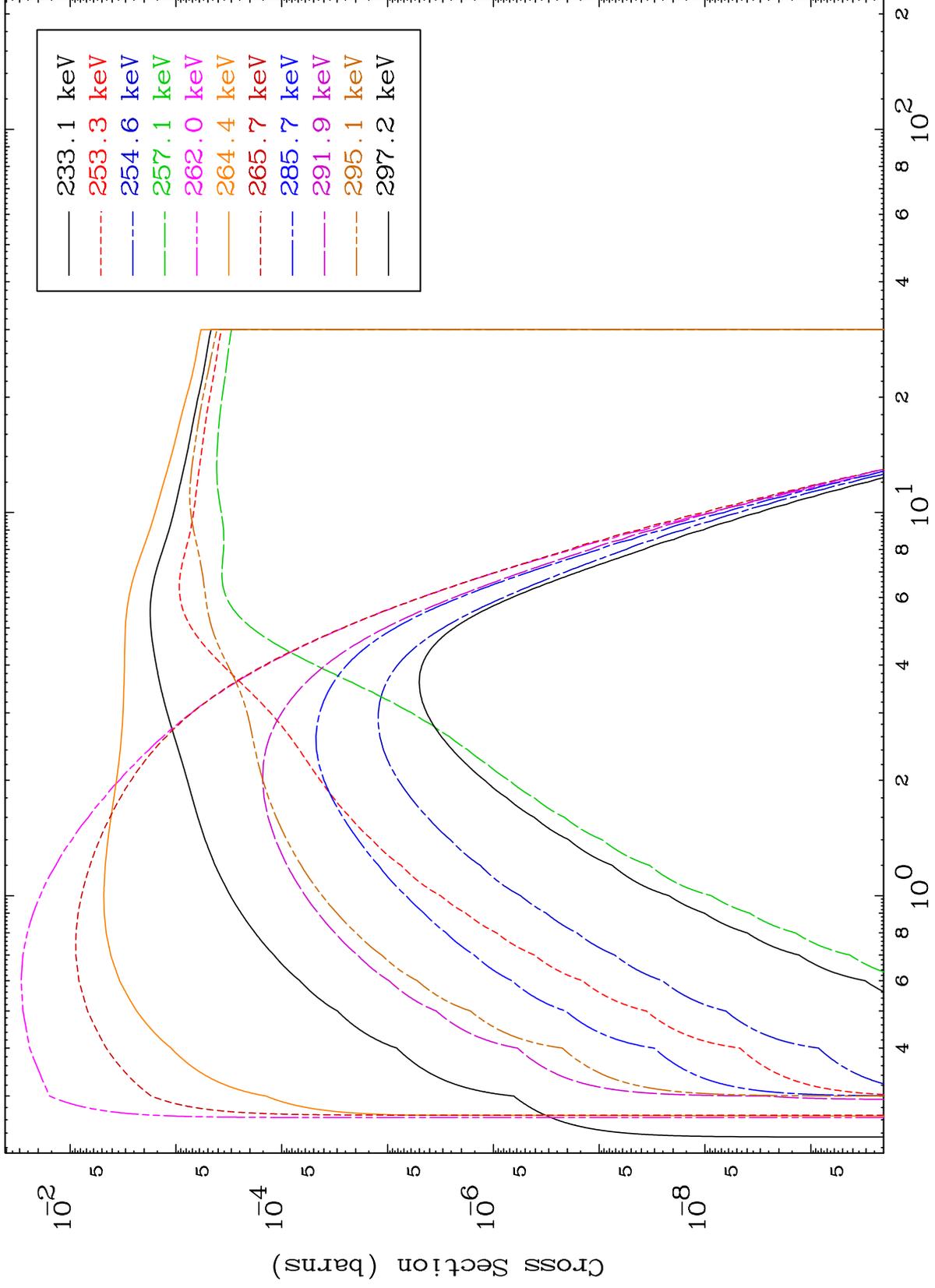
77-Ir-178



MAT 7686

(n,n') Level
293 Kelvin Cross Sections

77-Ir-178



9

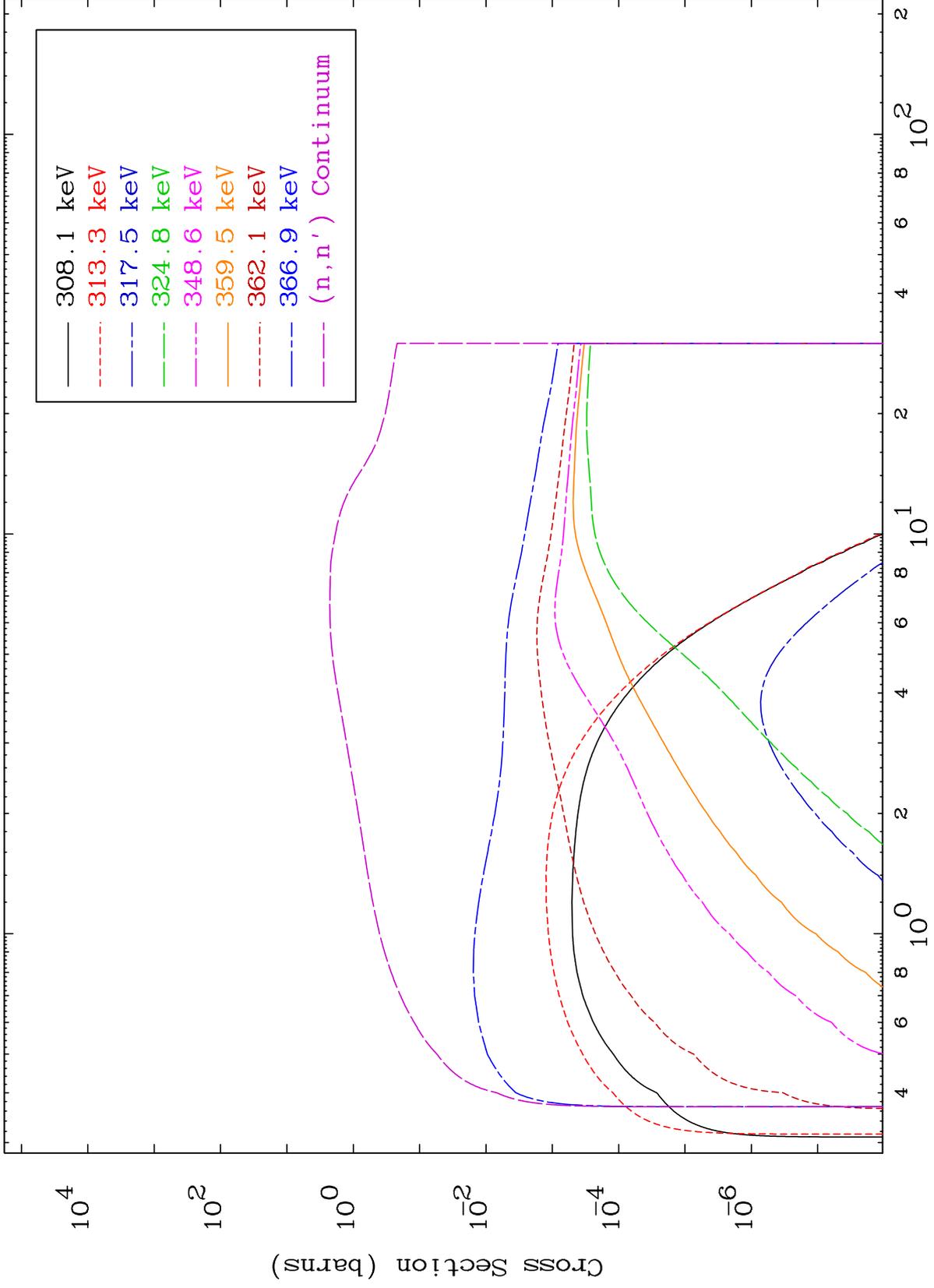
Incident Energy (MeV)

77-Ir-178

MAT 7686

(n,n') Level
293 Kelvin Cross Sections

77-Ir-178



10

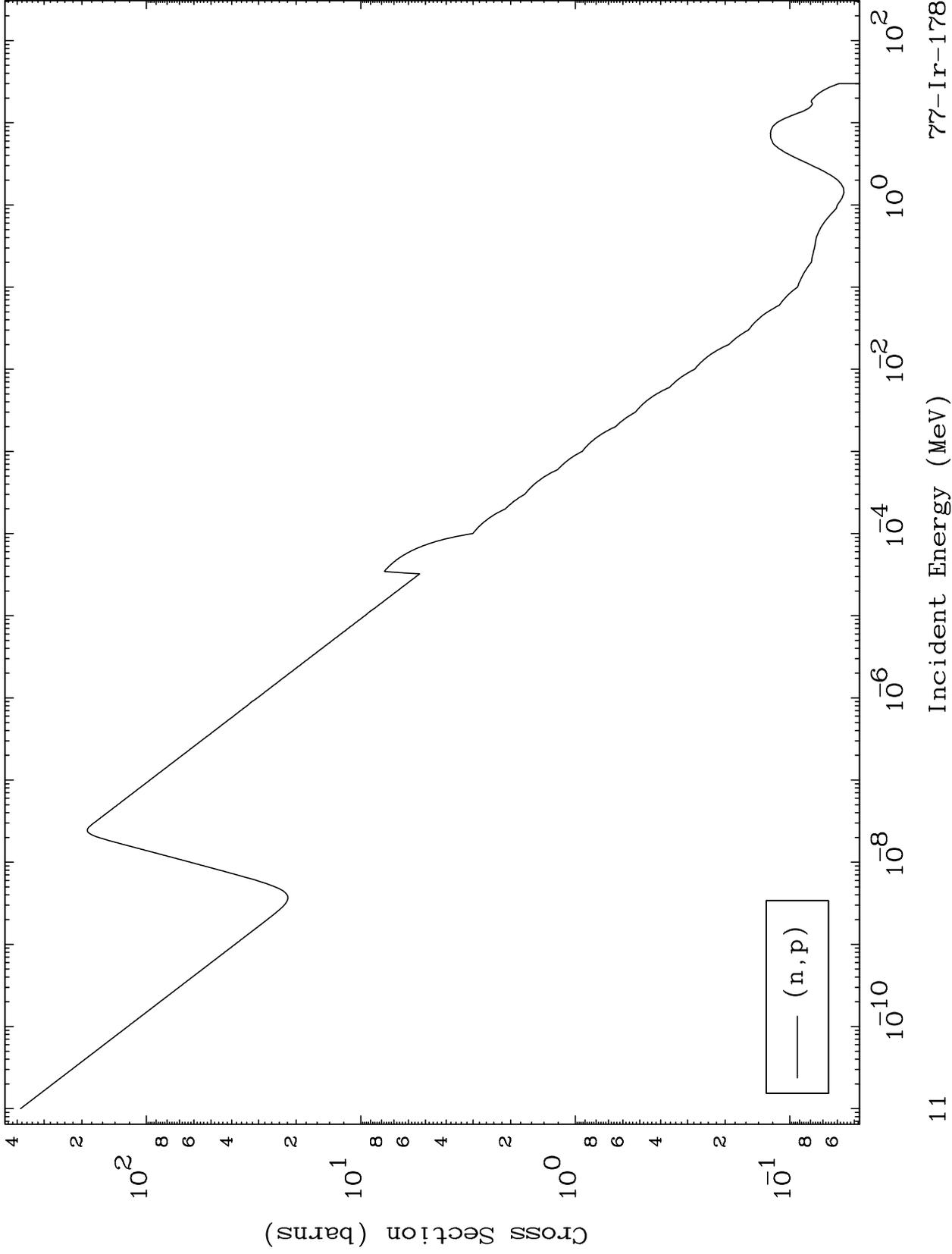
Incident Energy (MeV)

77-Ir-178

MAT 7686

(n,p) Levels
293 Kelvin Cross Sections

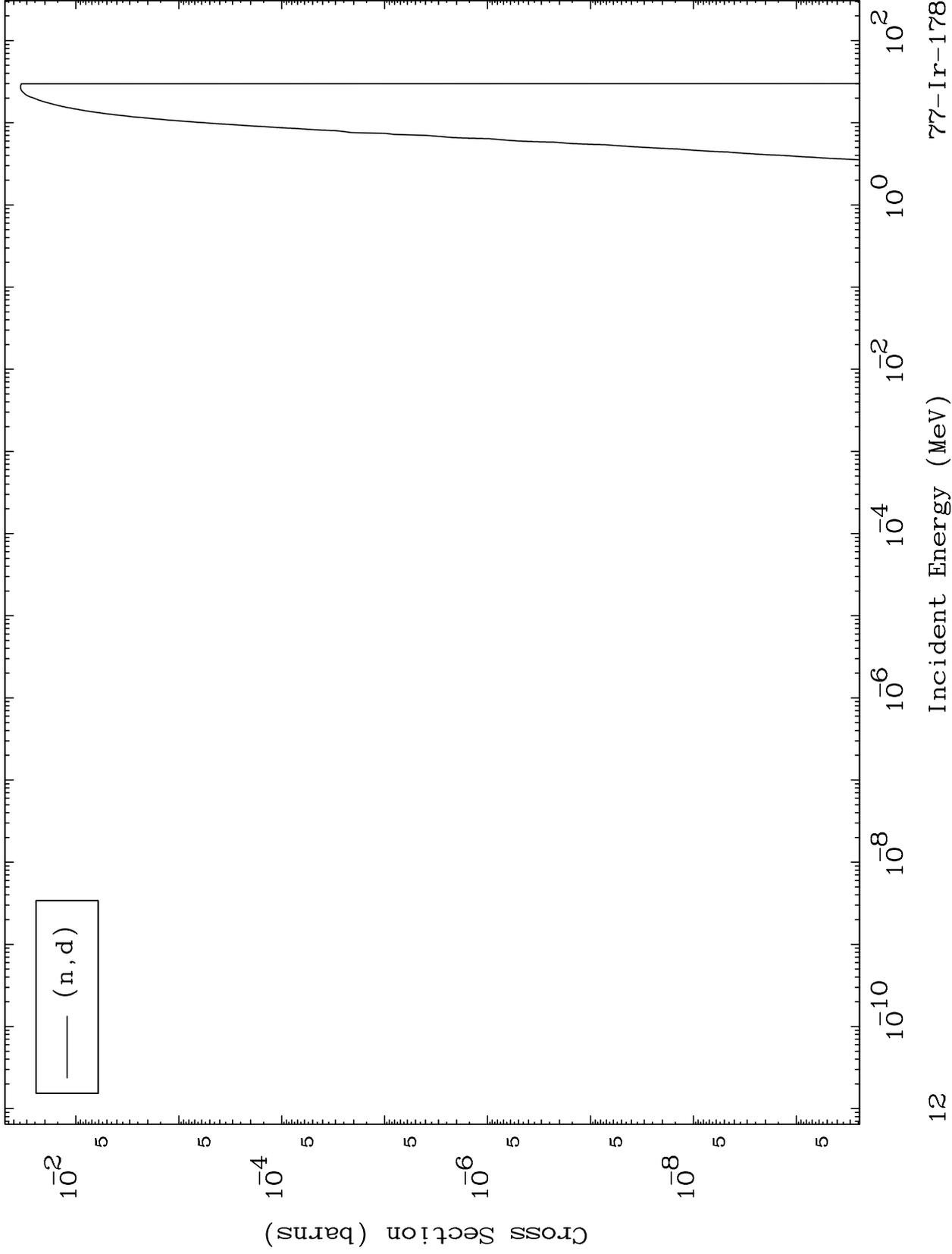
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MAT 7686

(n,d) Levels
293 Kelvin Cross Sections

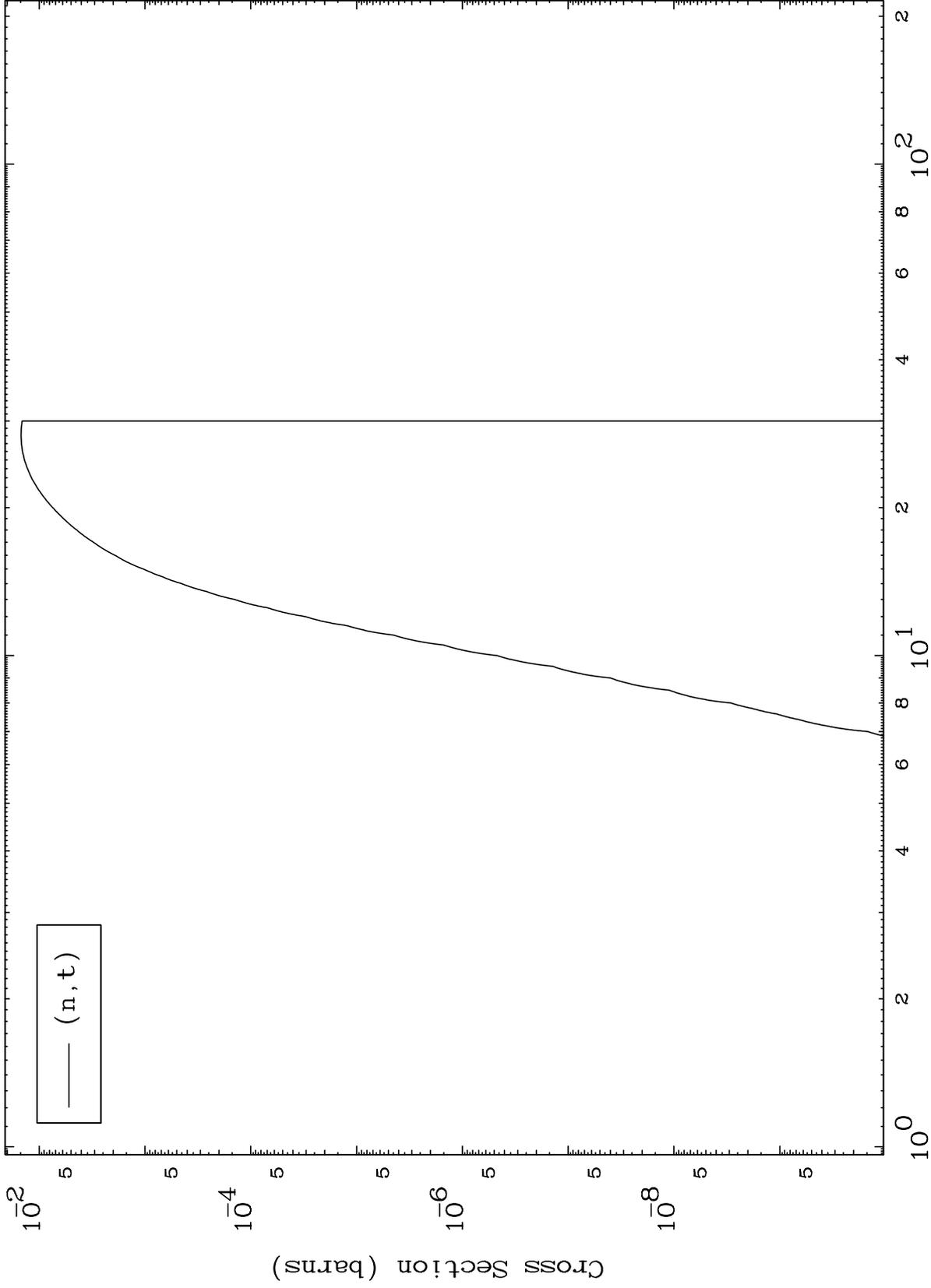
⁷⁷Ir-178



MAT 7686

(n,t) Levels
293 Kelvin Cross Sections

77-Ir-178



Incident Energy (MeV)

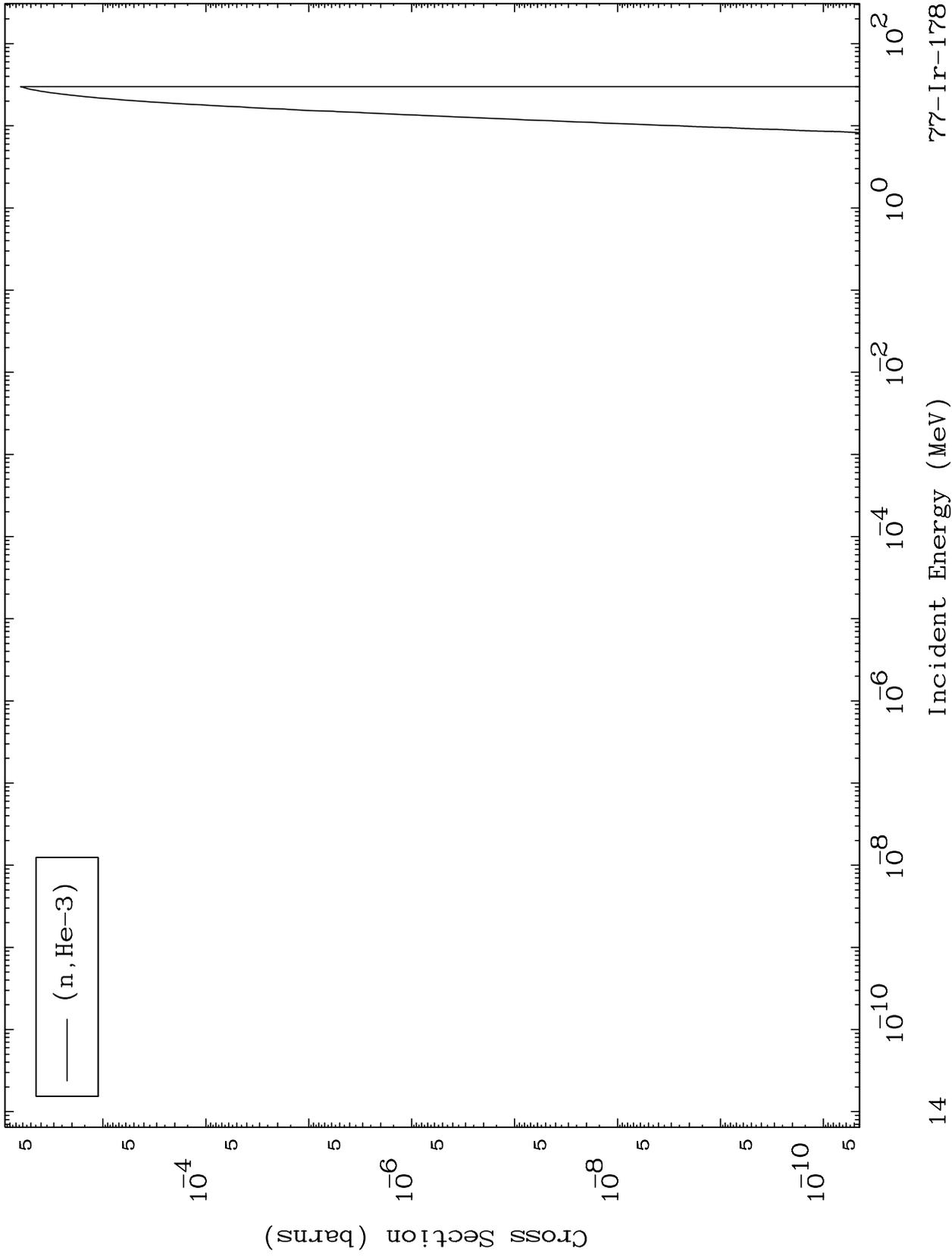
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13

MAT 7686

(n,He3) Levels
293 Kelvin Cross Sections

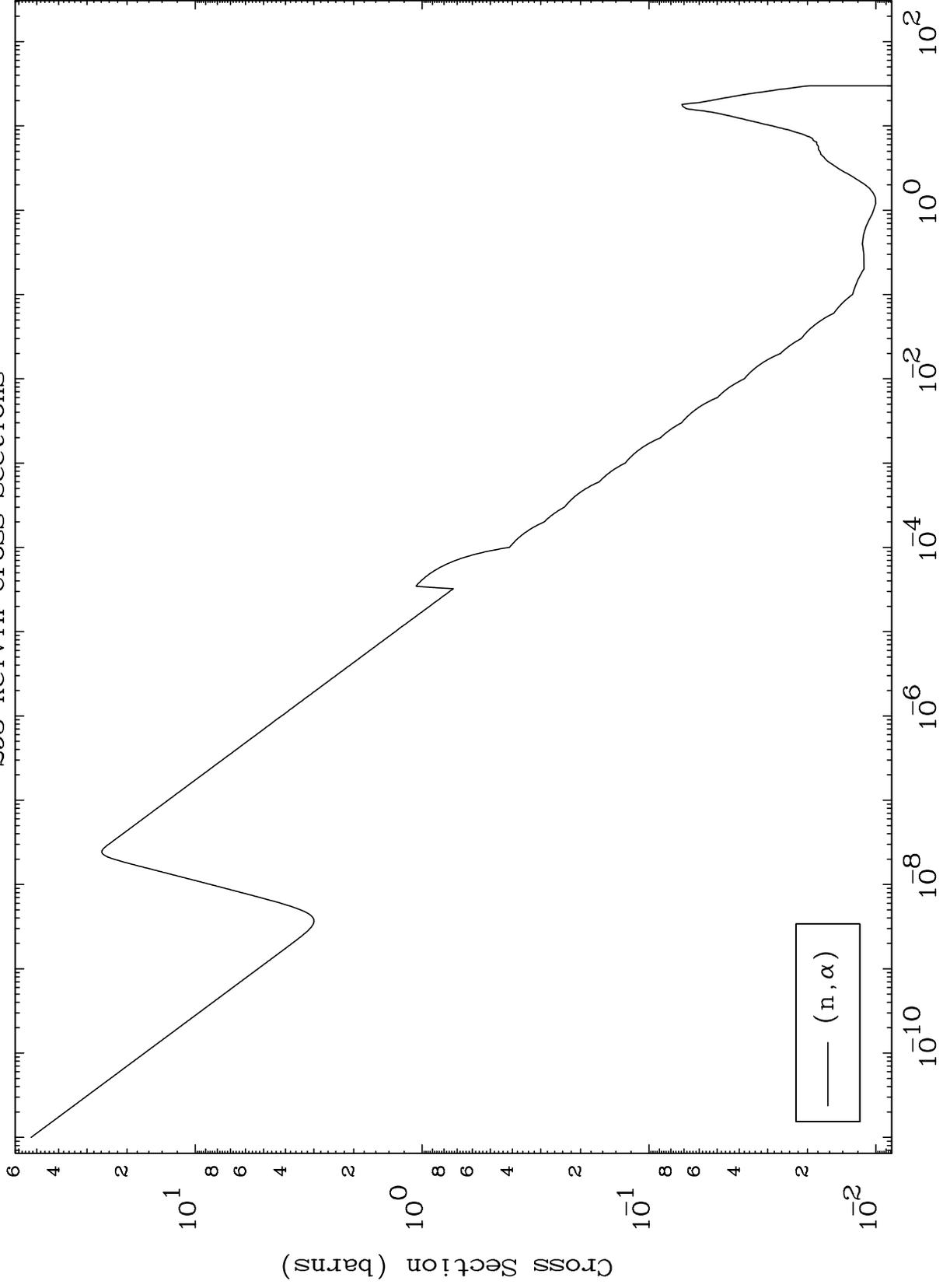
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MAT 7686

(n,α) Levels
293 Kelvin Cross Sections

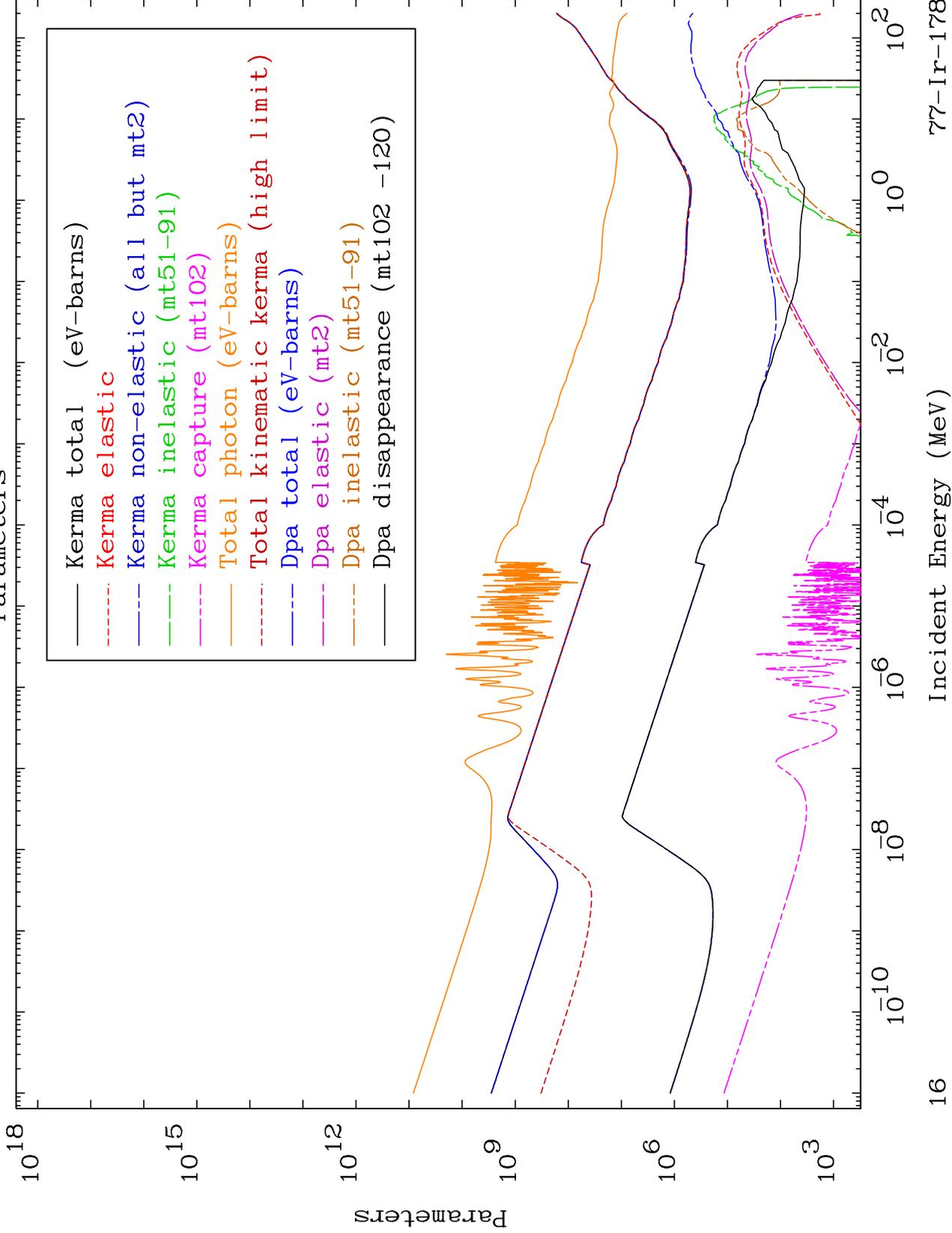
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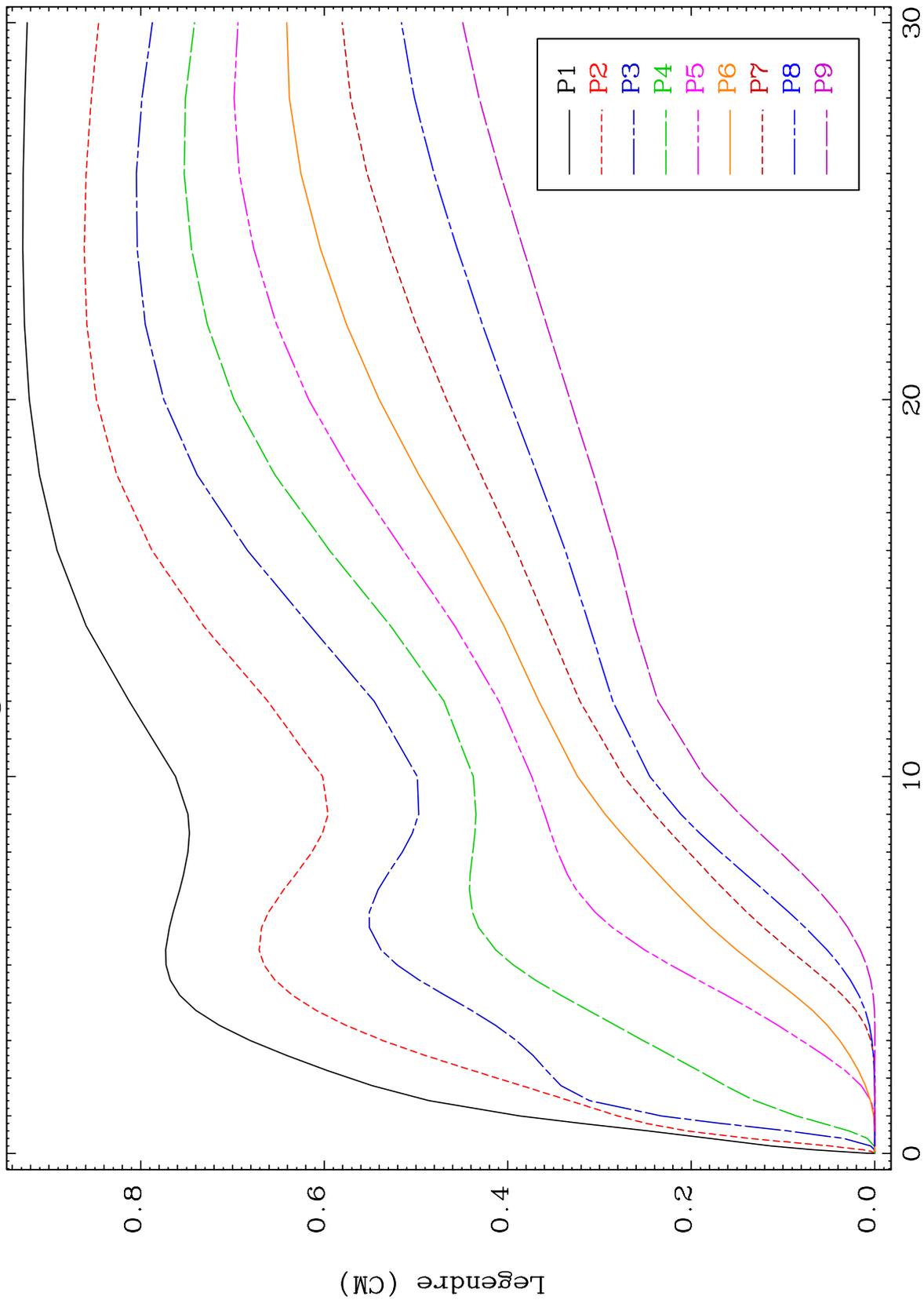
77-Ir-178



MAT 7686

Elastic Legendre Coefficients

⁷⁷Ir-178



17

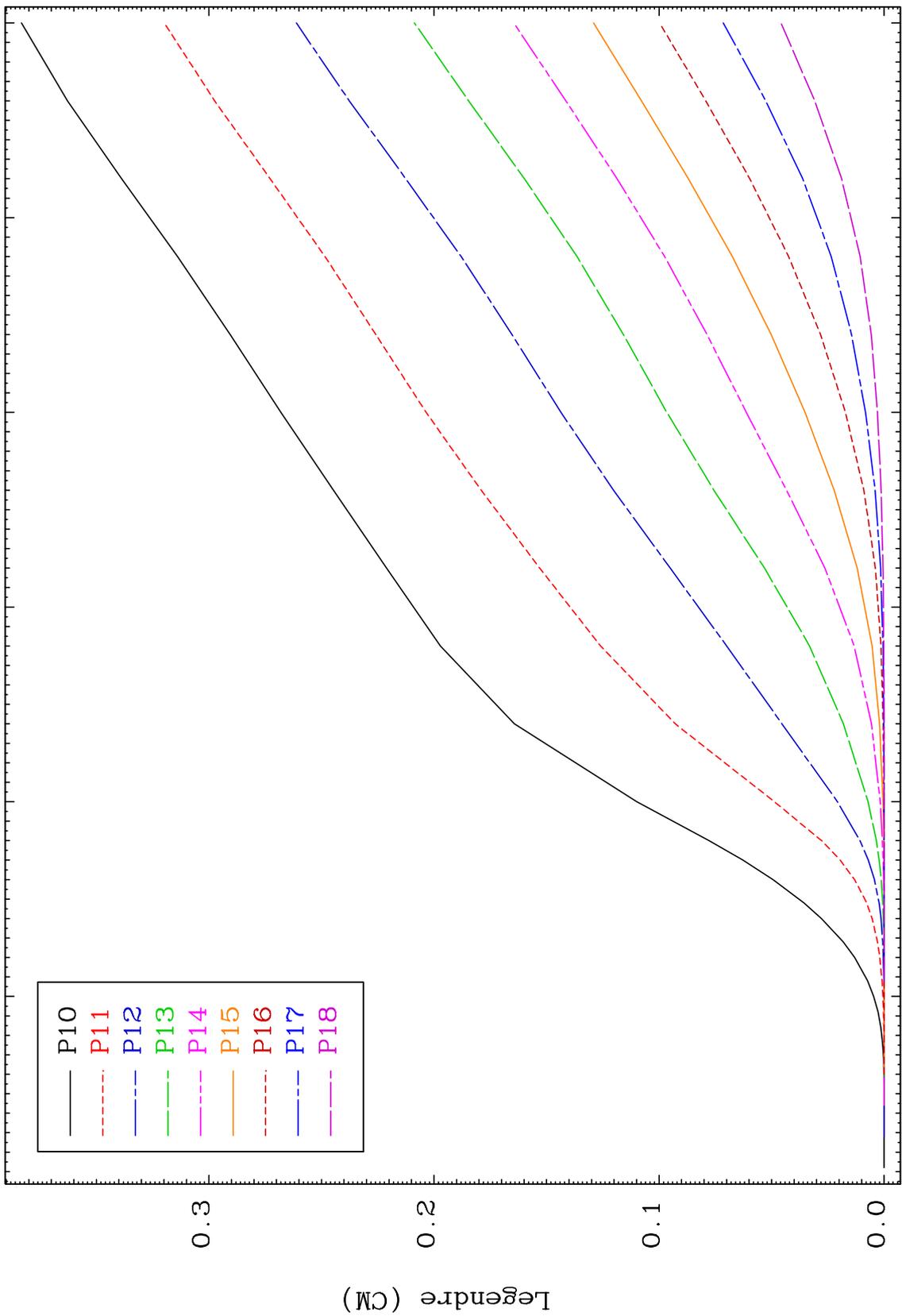
Incident Energy (MeV)

⁷⁷Ir-178

MAT 7686

Elastic Legendre Coefficients

⁷⁷Ir-178

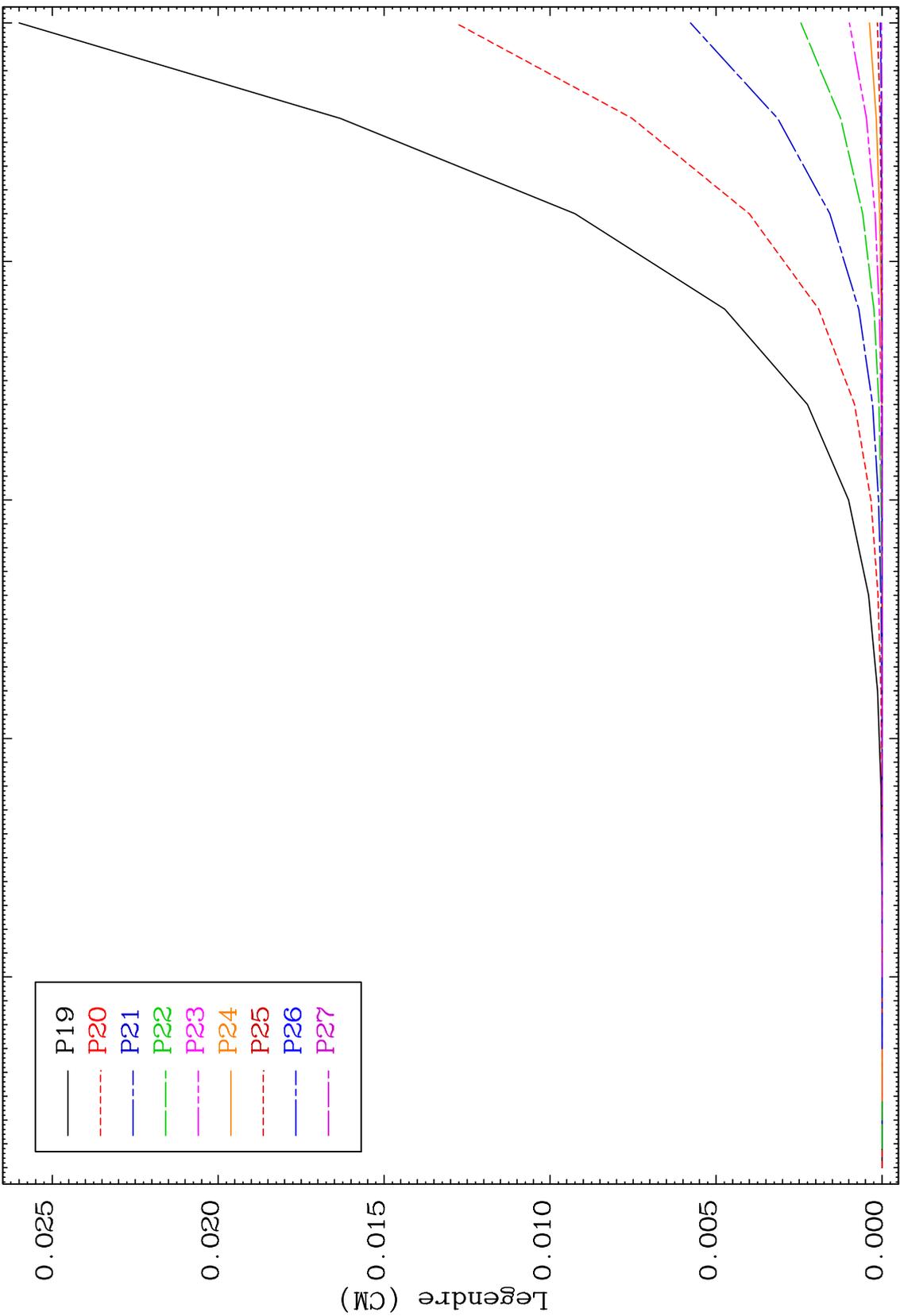


18

Incident Energy (MeV)

⁷⁷Ir-178

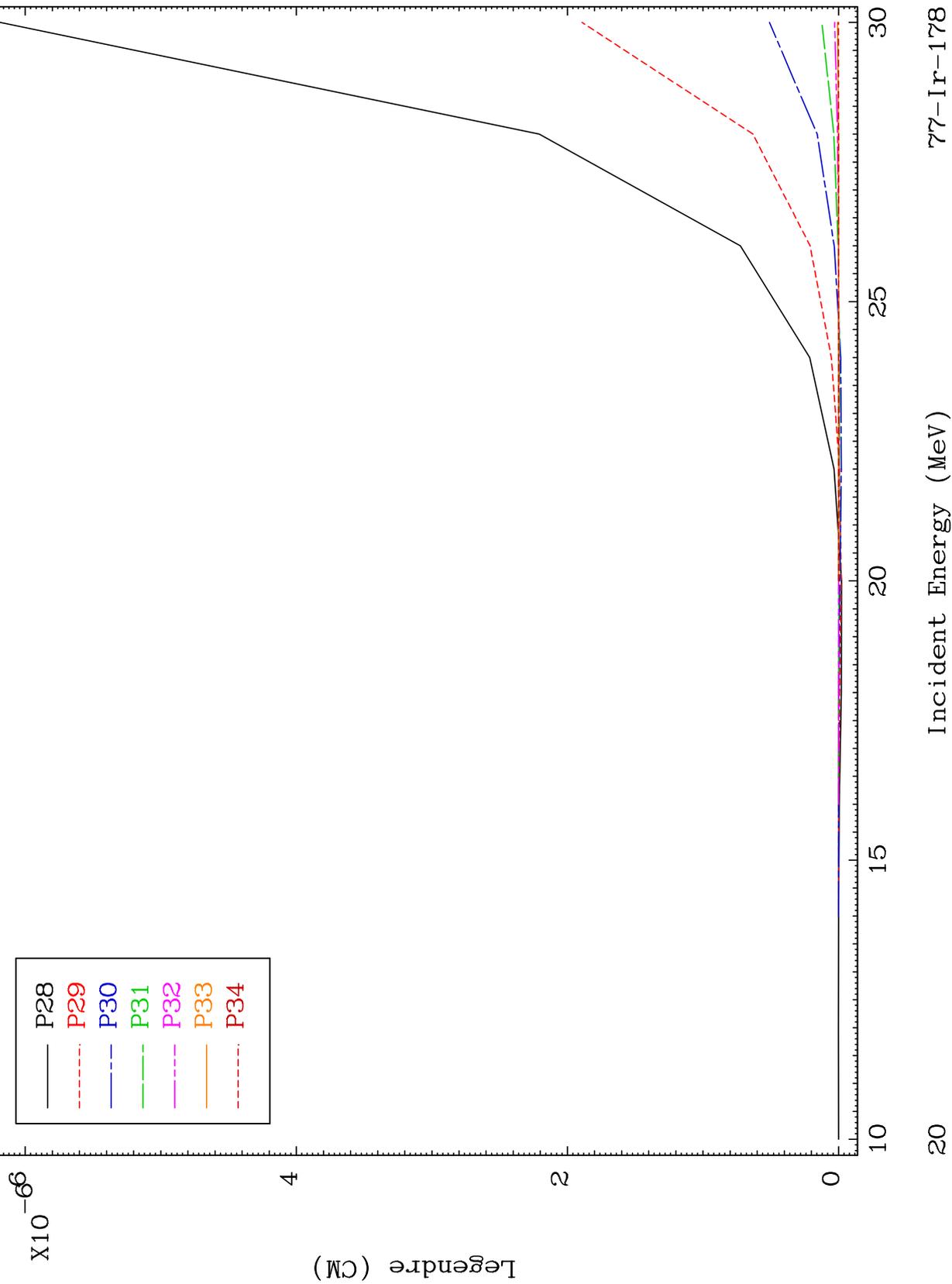
Elastic Legendre Coefficients



MAT 7686

Elastic Legendre Coefficients

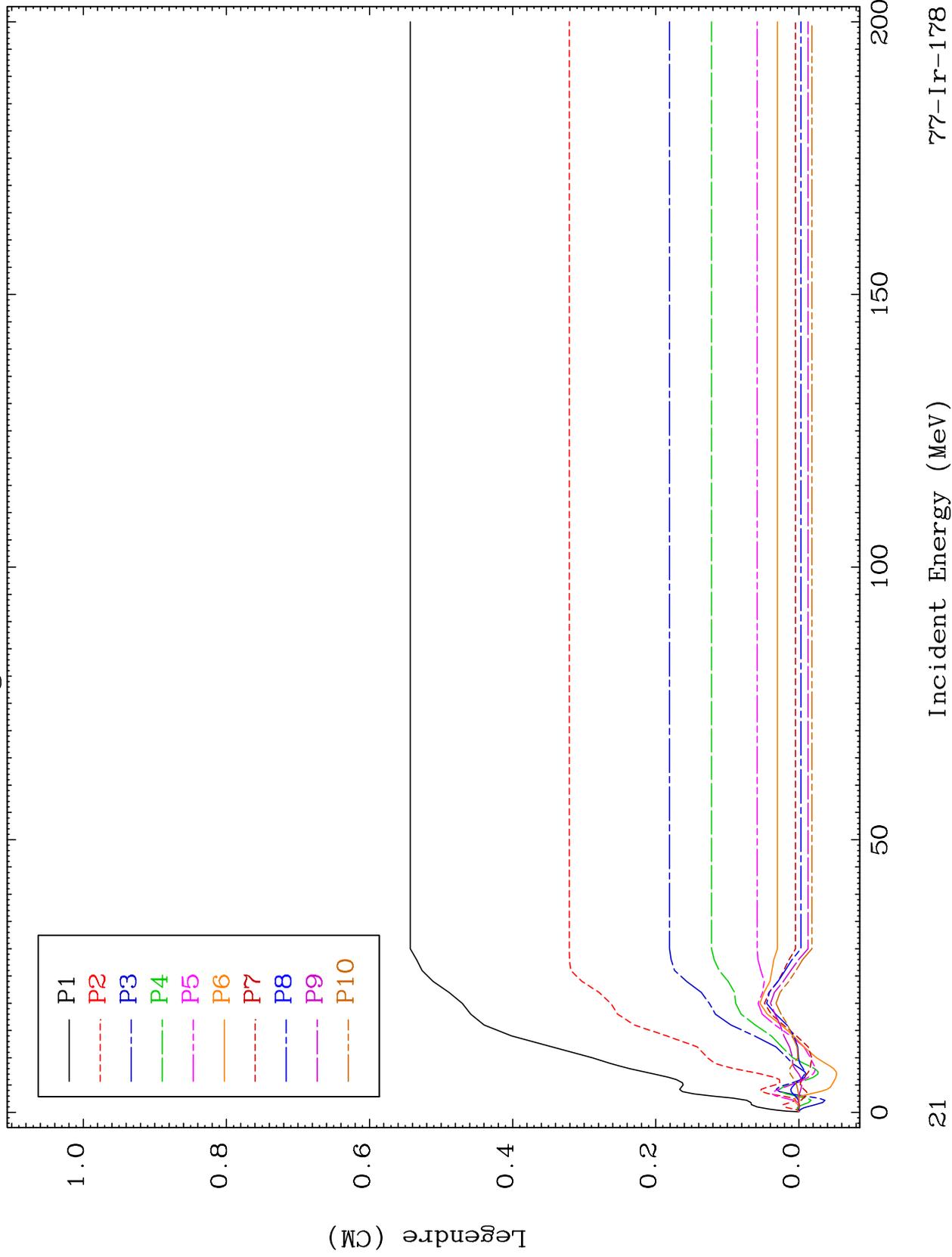
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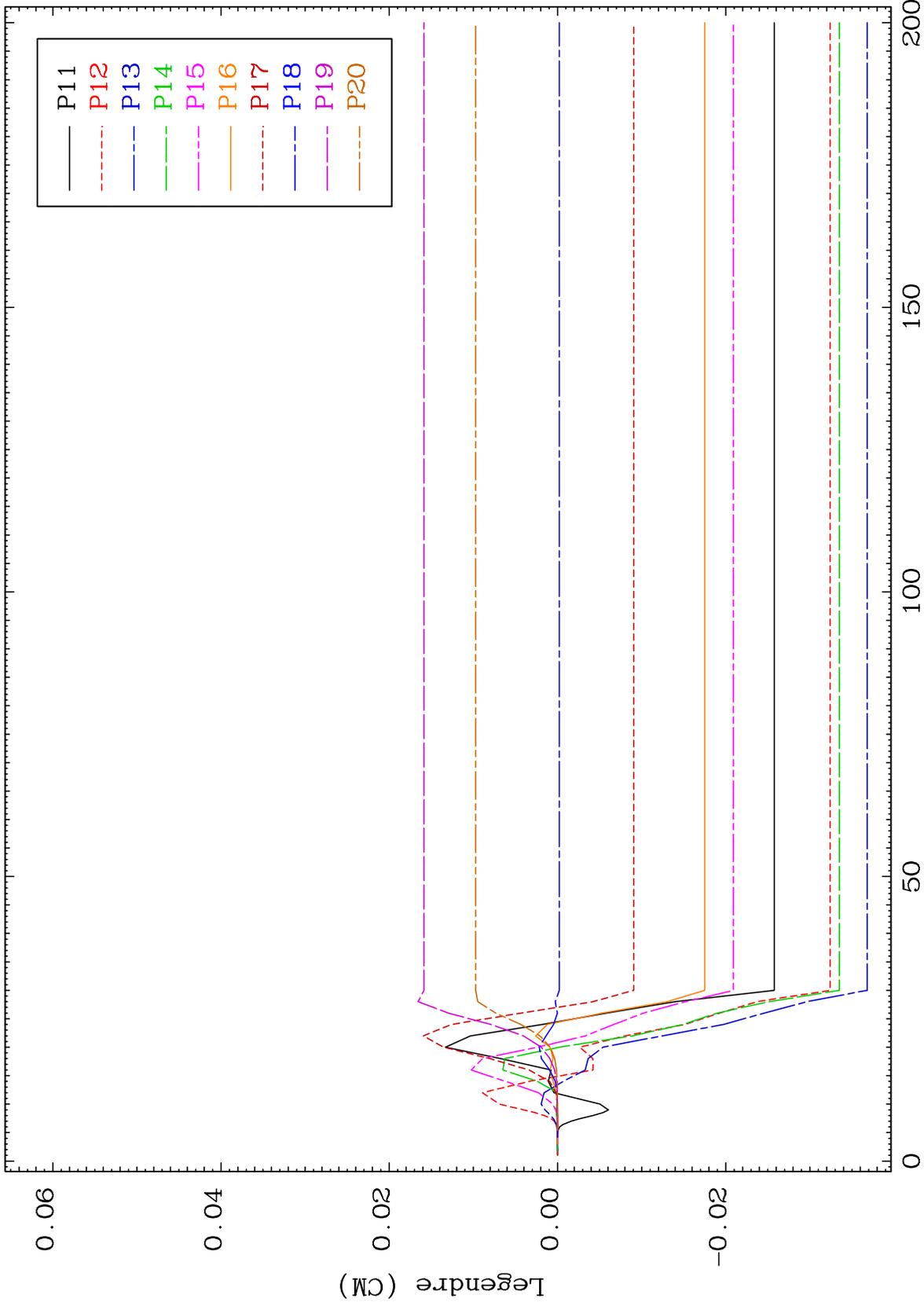


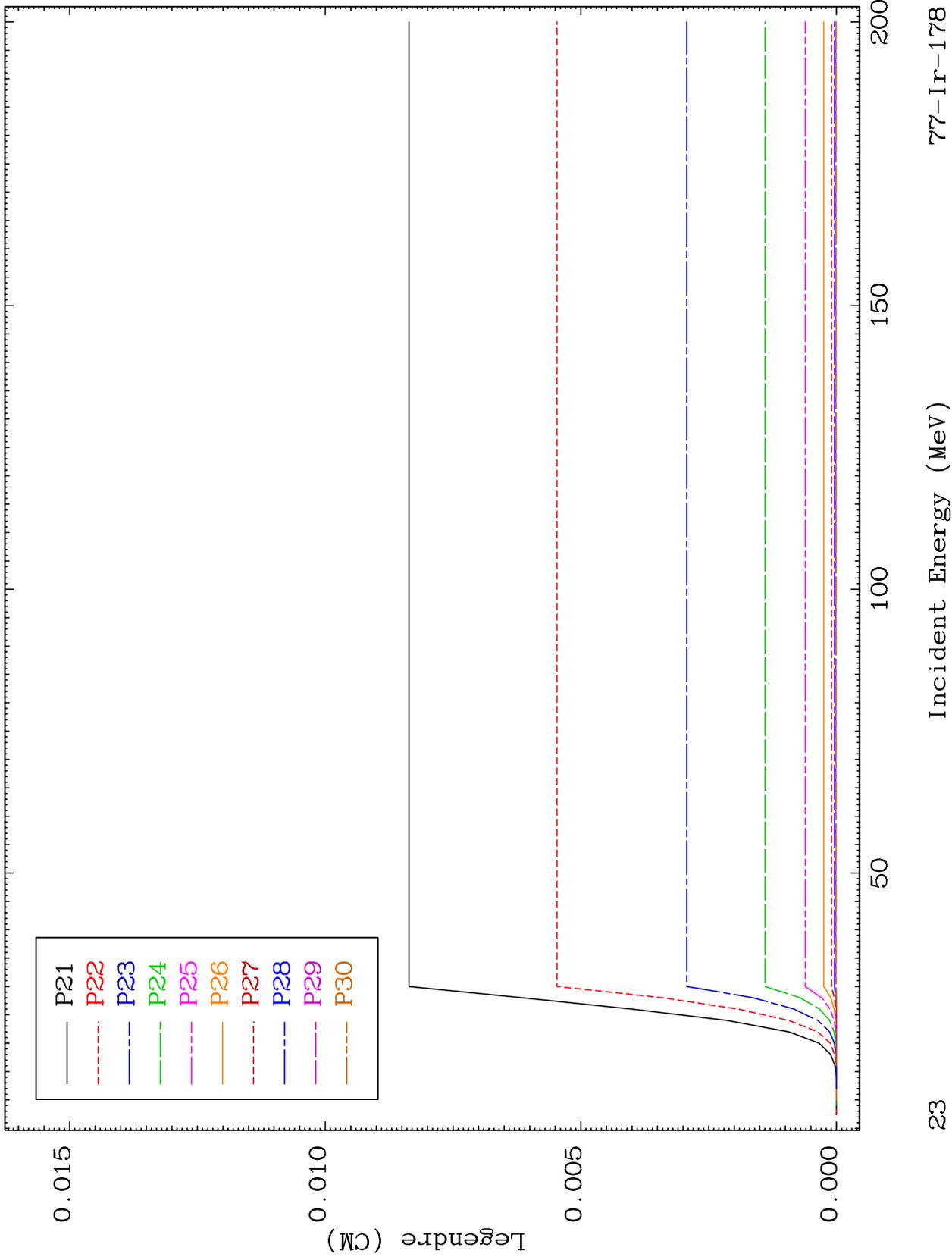
⁷⁷Ir-178

Incident Energy (MeV)

20



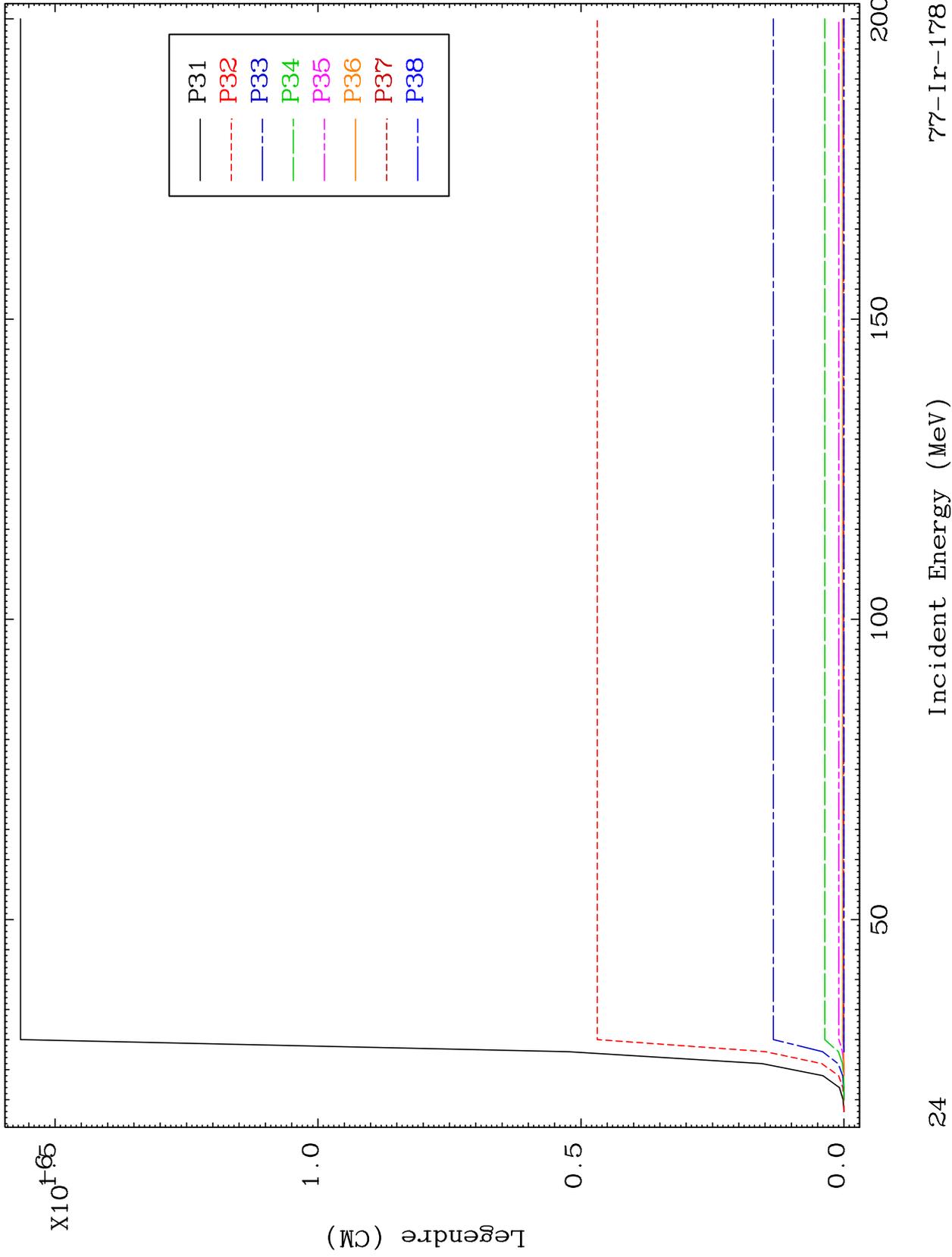




MAT 7686

54.40 keV (n,n') Level
Legendre Coefficients

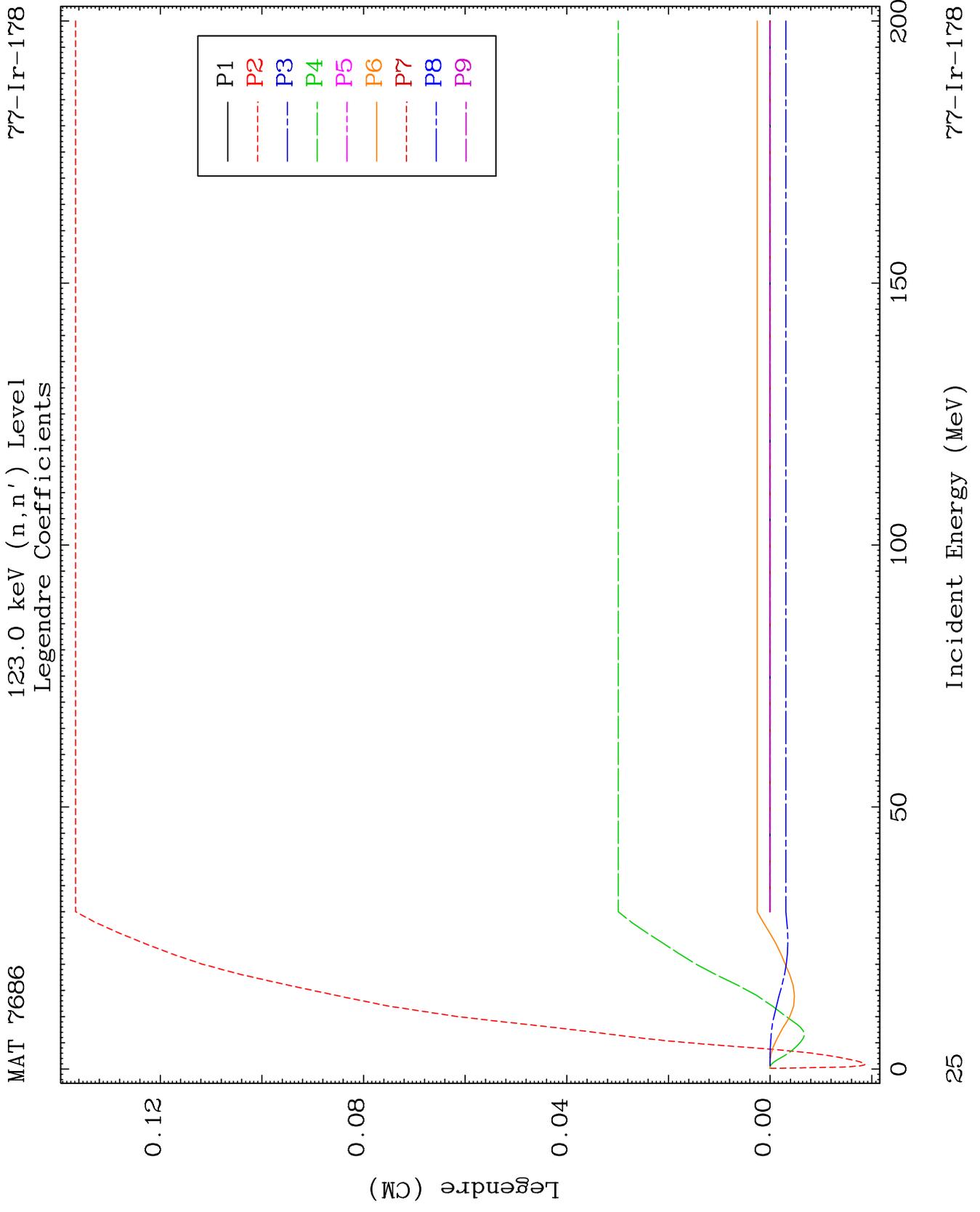
77-Ir-178



24

Incident Energy (MeV)

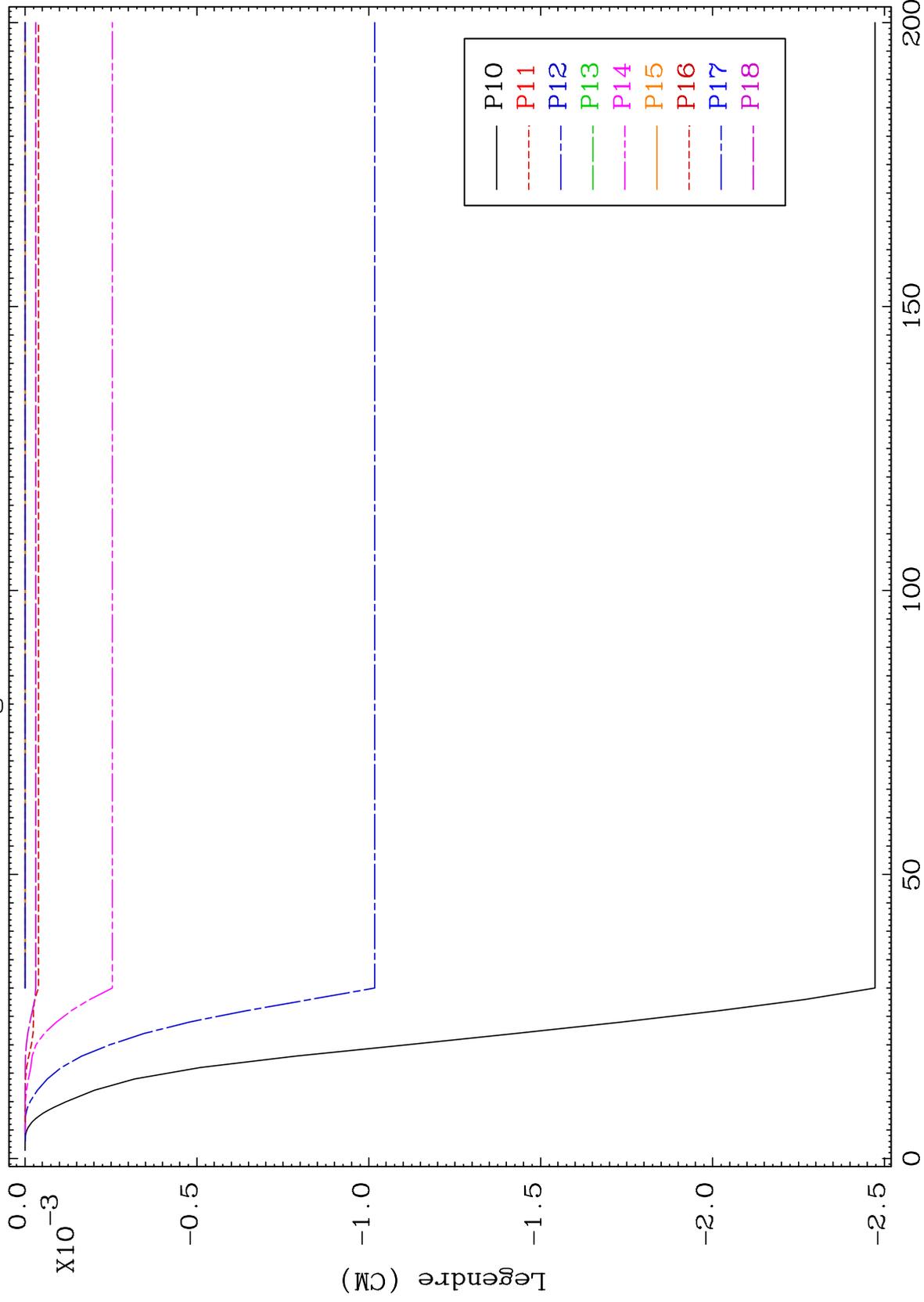
77-Ir-178



MAT 7686

123.0 keV (n,n') Level
Legendre Coefficients

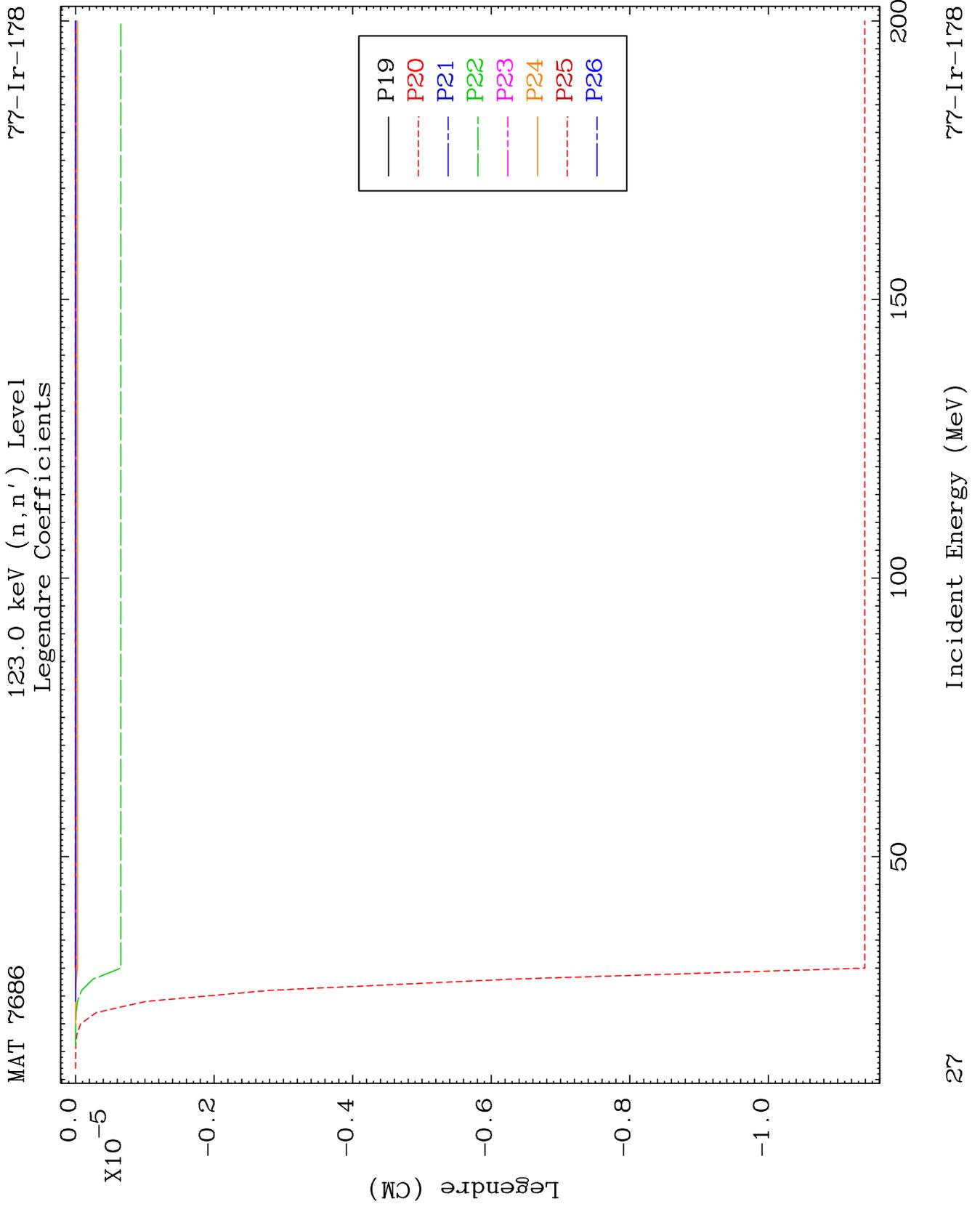
77-Ir-178



26

Incident Energy (MeV)

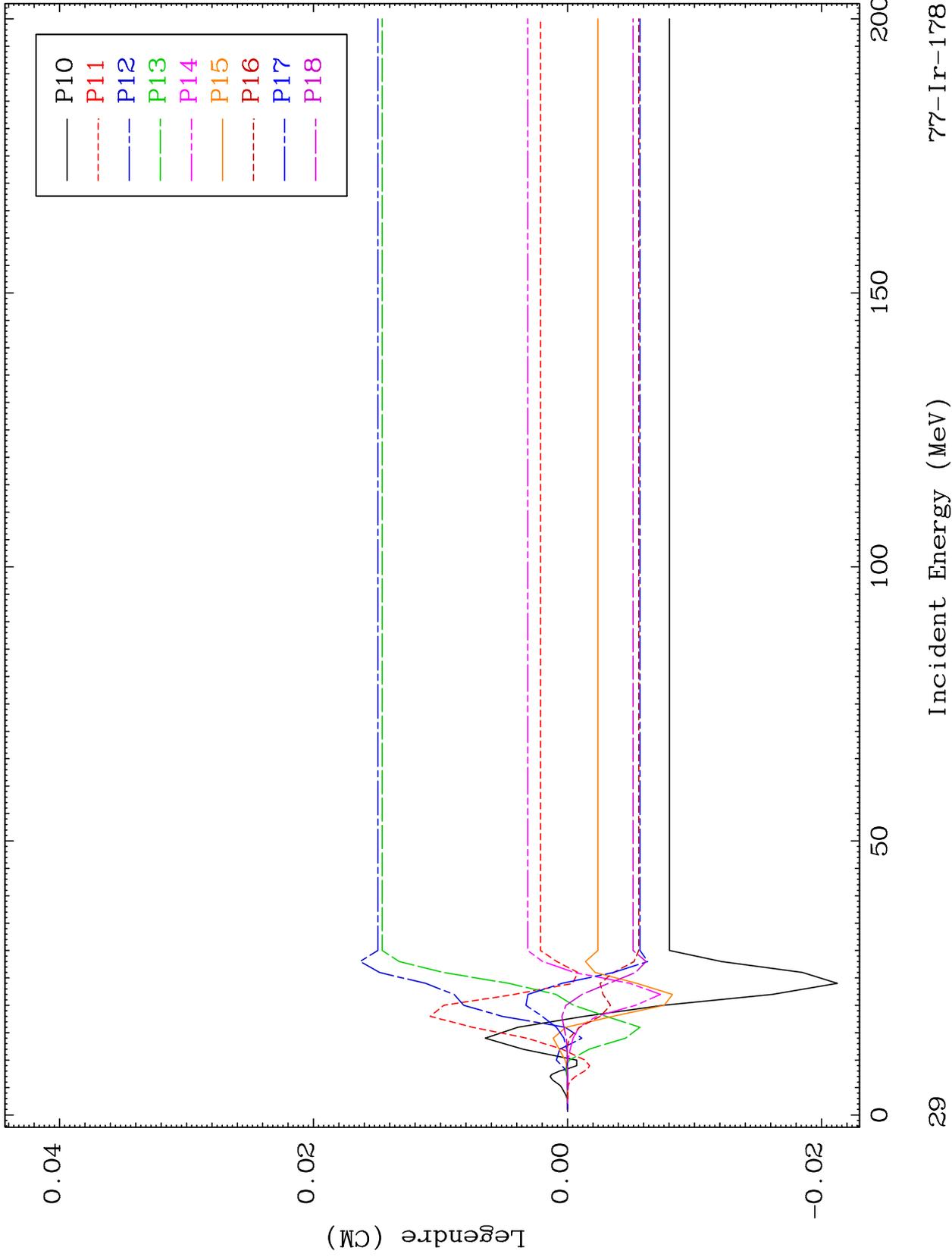
77-Ir-178



MAT 7686

130.4 keV (n,n') Level
Legendre Coefficients

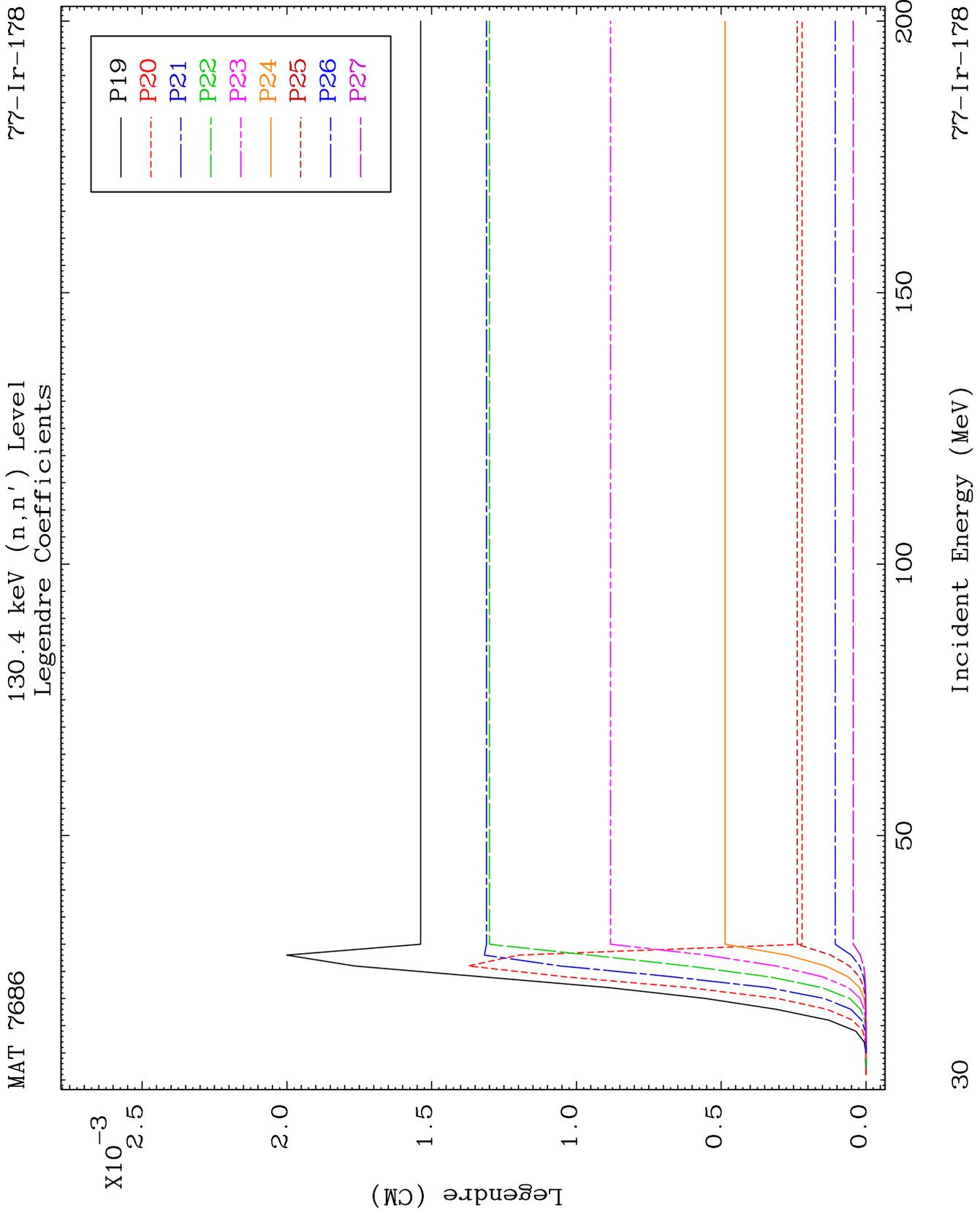
77-Ir-178



77-Ir-178

Incident Energy (MeV)

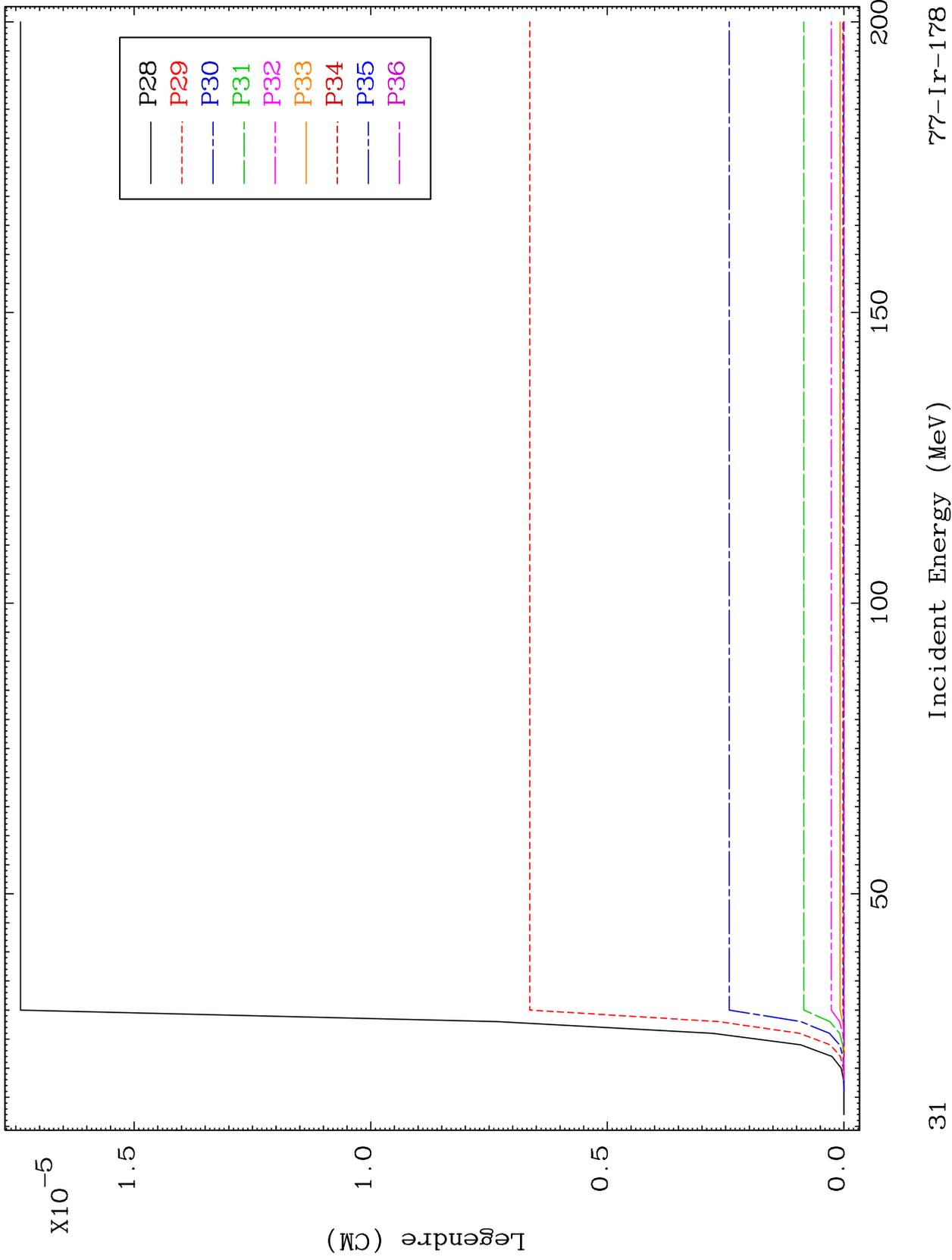
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MAT 7686

130.4 keV (n,n') Level
Legendre Coefficients

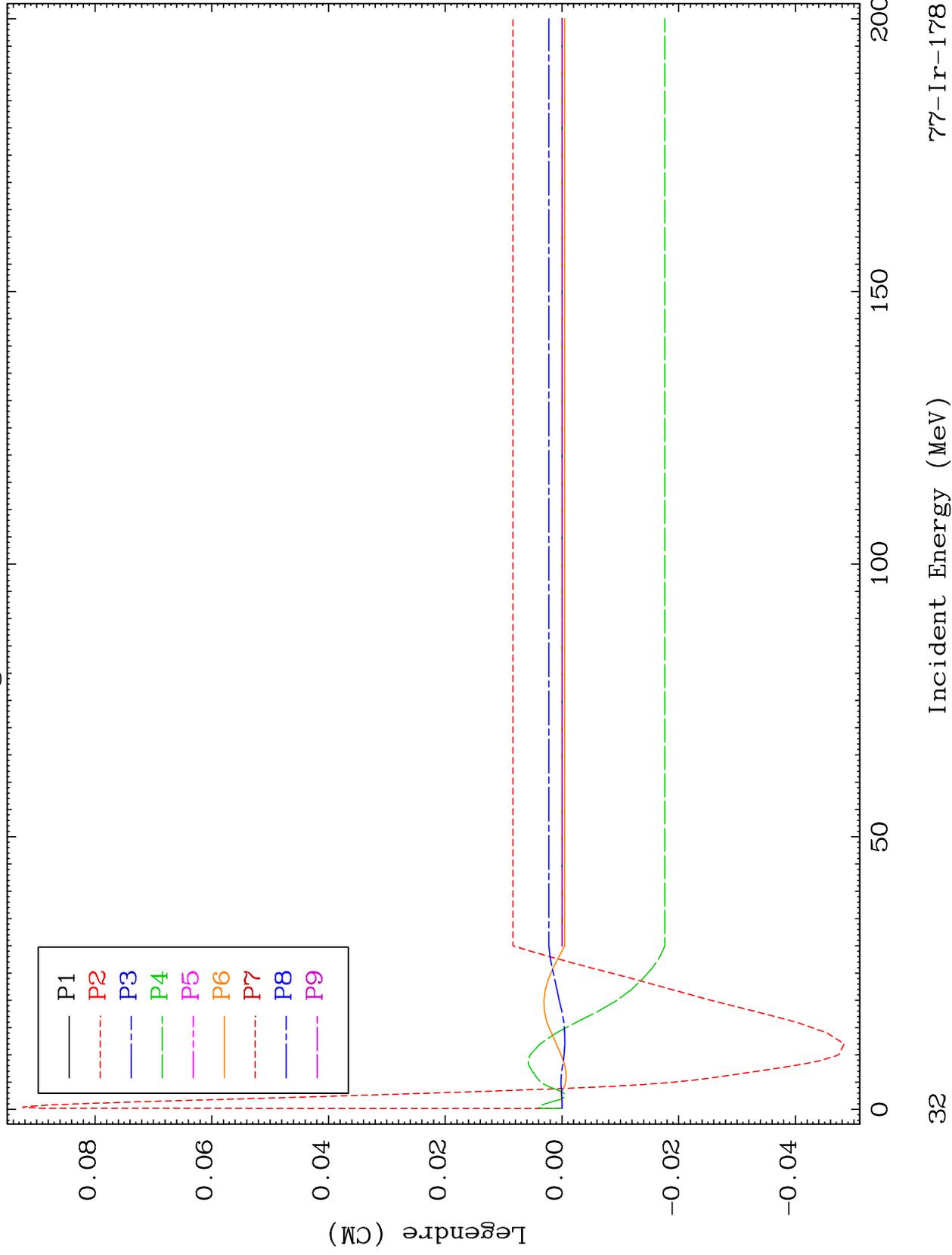
77-Ir-178



MAT 7686

148.8 keV (n,n') Level
Legendre Coefficients

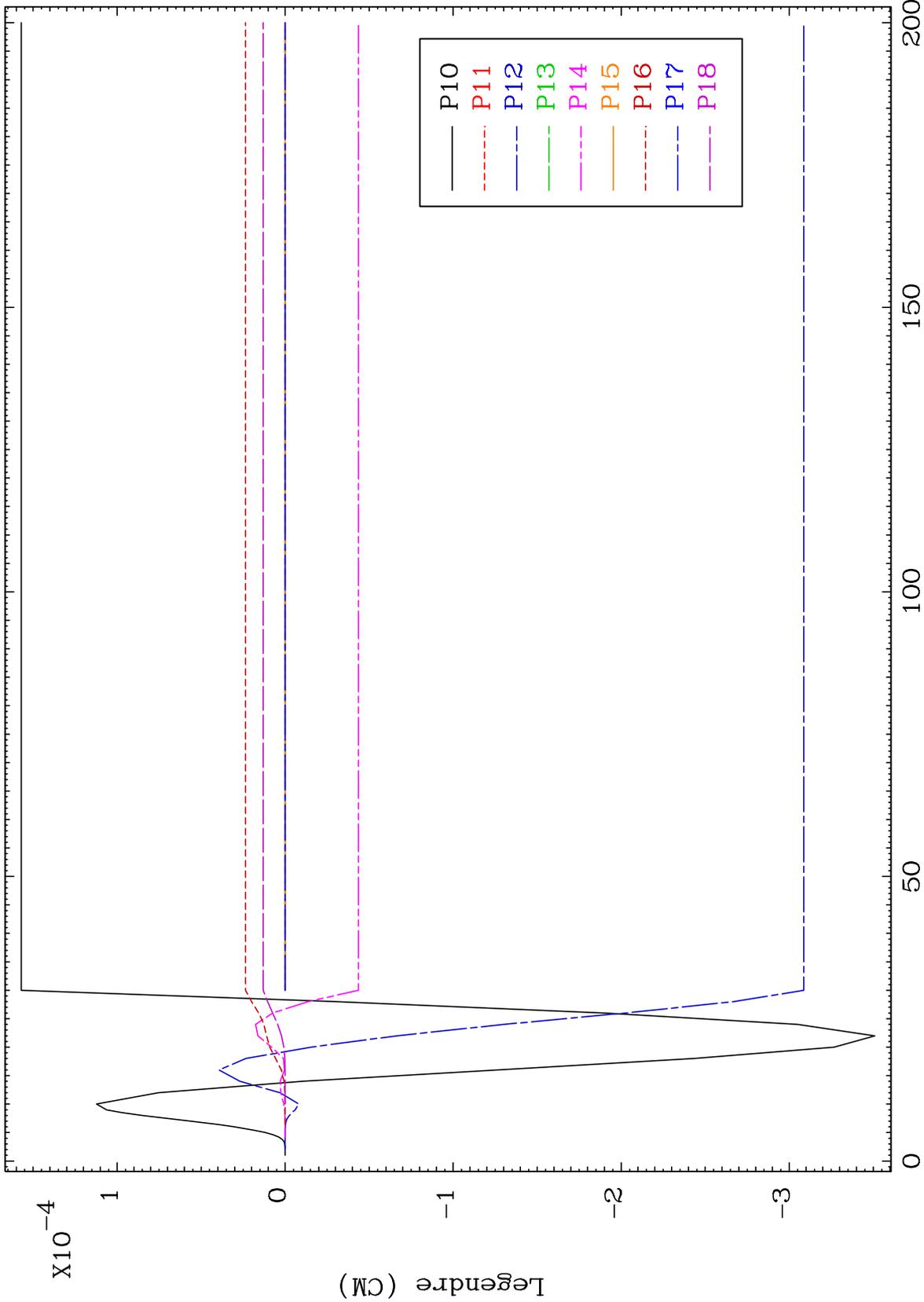
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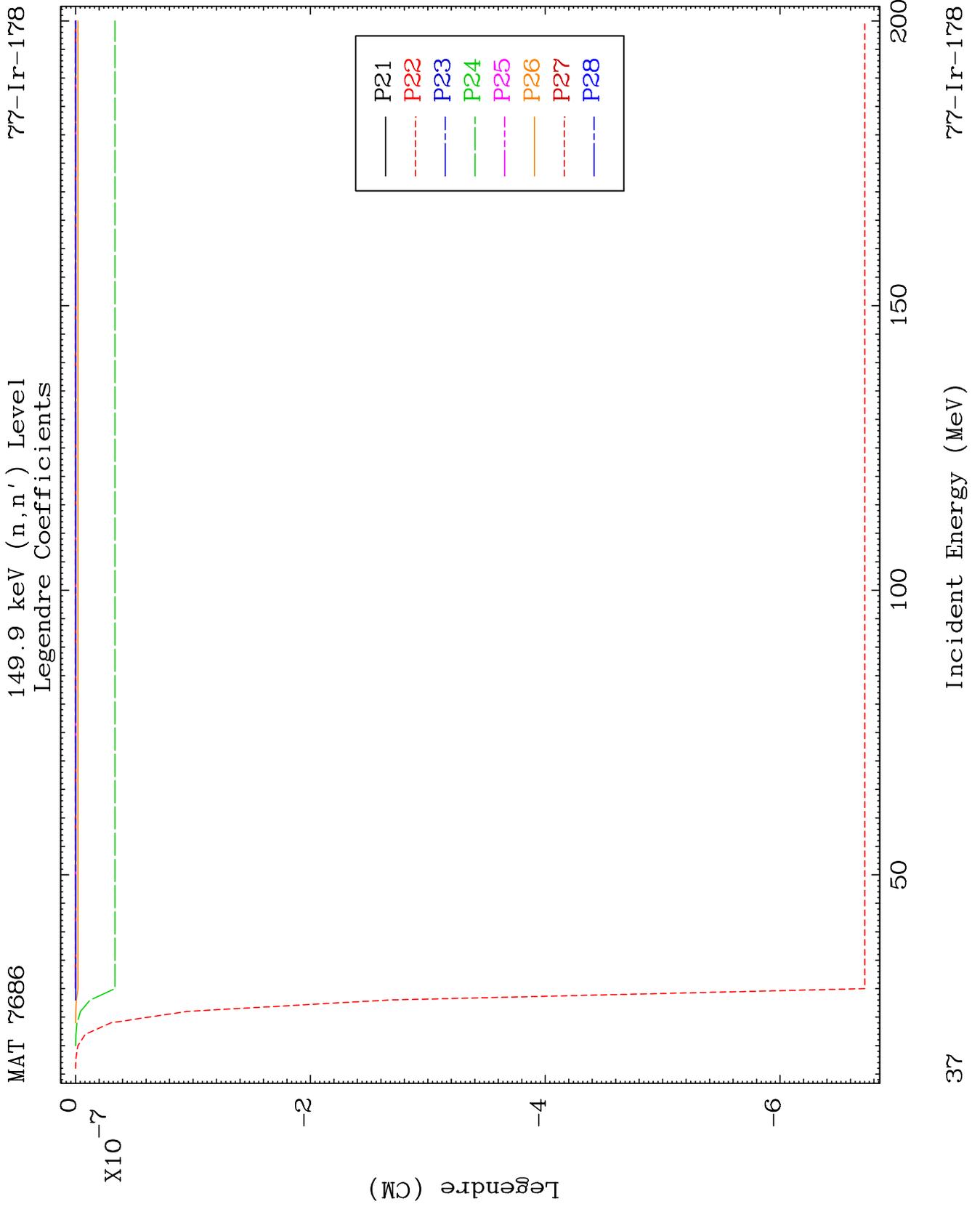


77-Ir-178

Incident Energy (MeV)

32

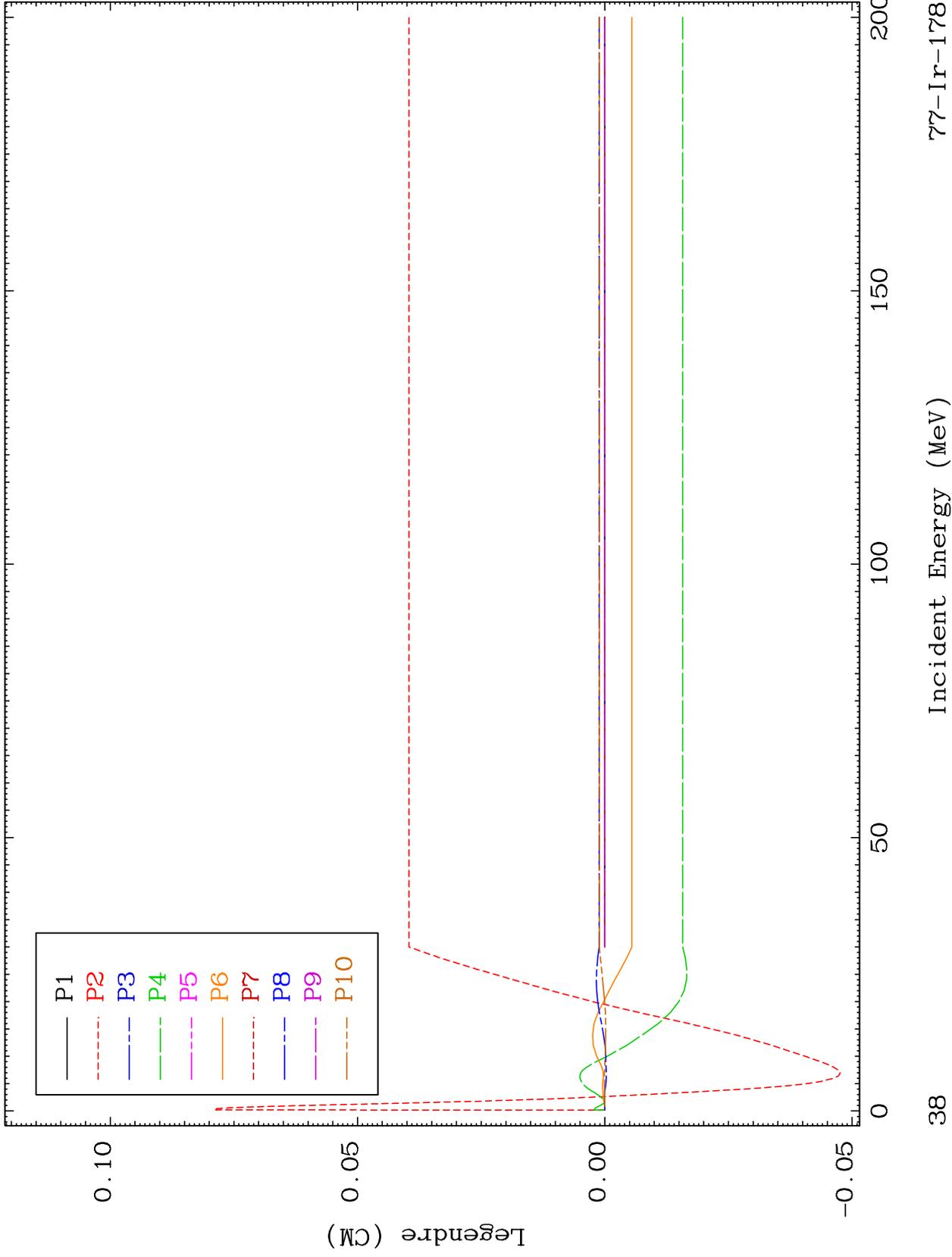




MAT 7686

150.9 keV (n,n') Level
Legendre Coefficients

77-Ir-178

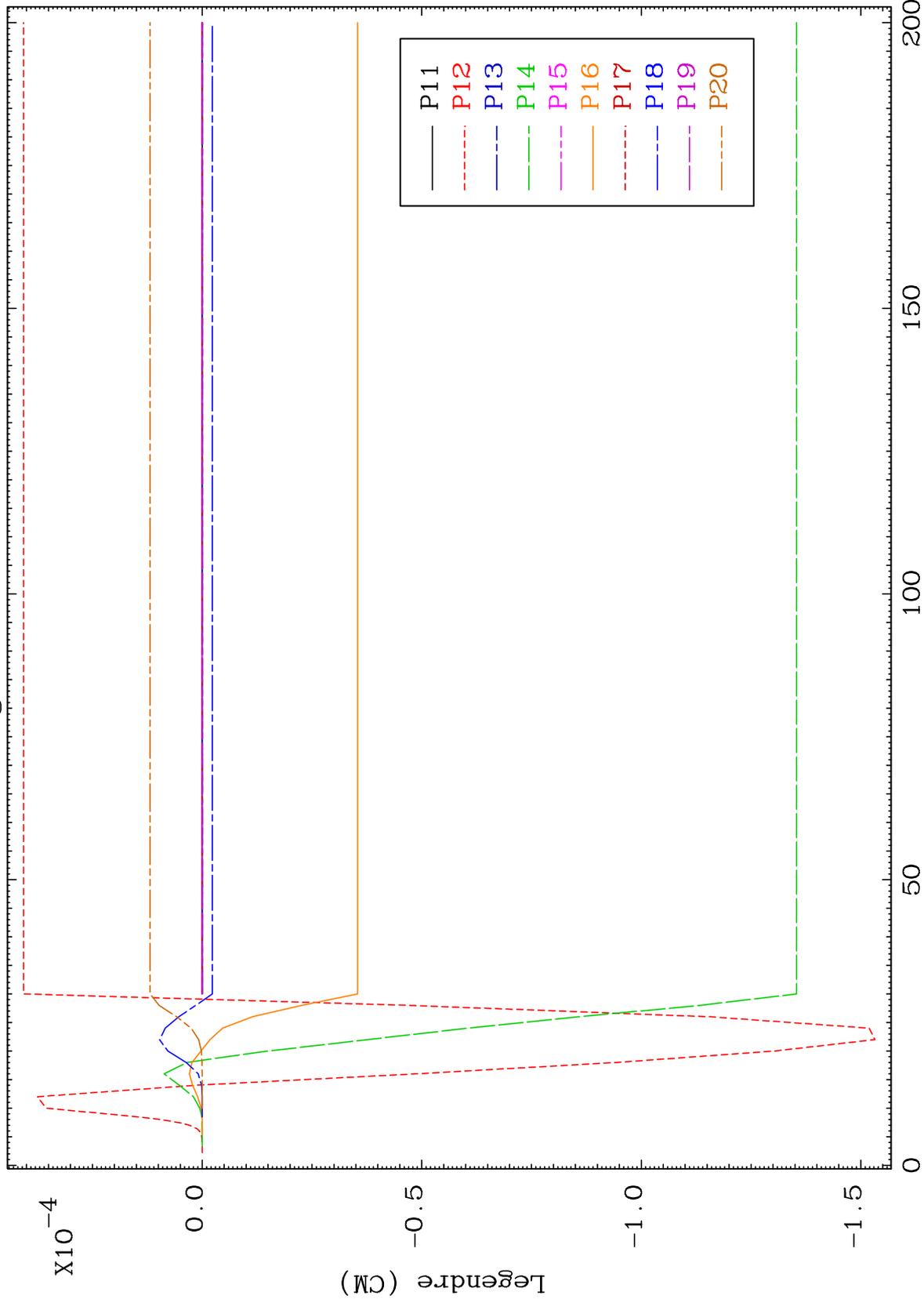


38

MAT 7686

150.9 keV (n,n') Level
Legendre Coefficients

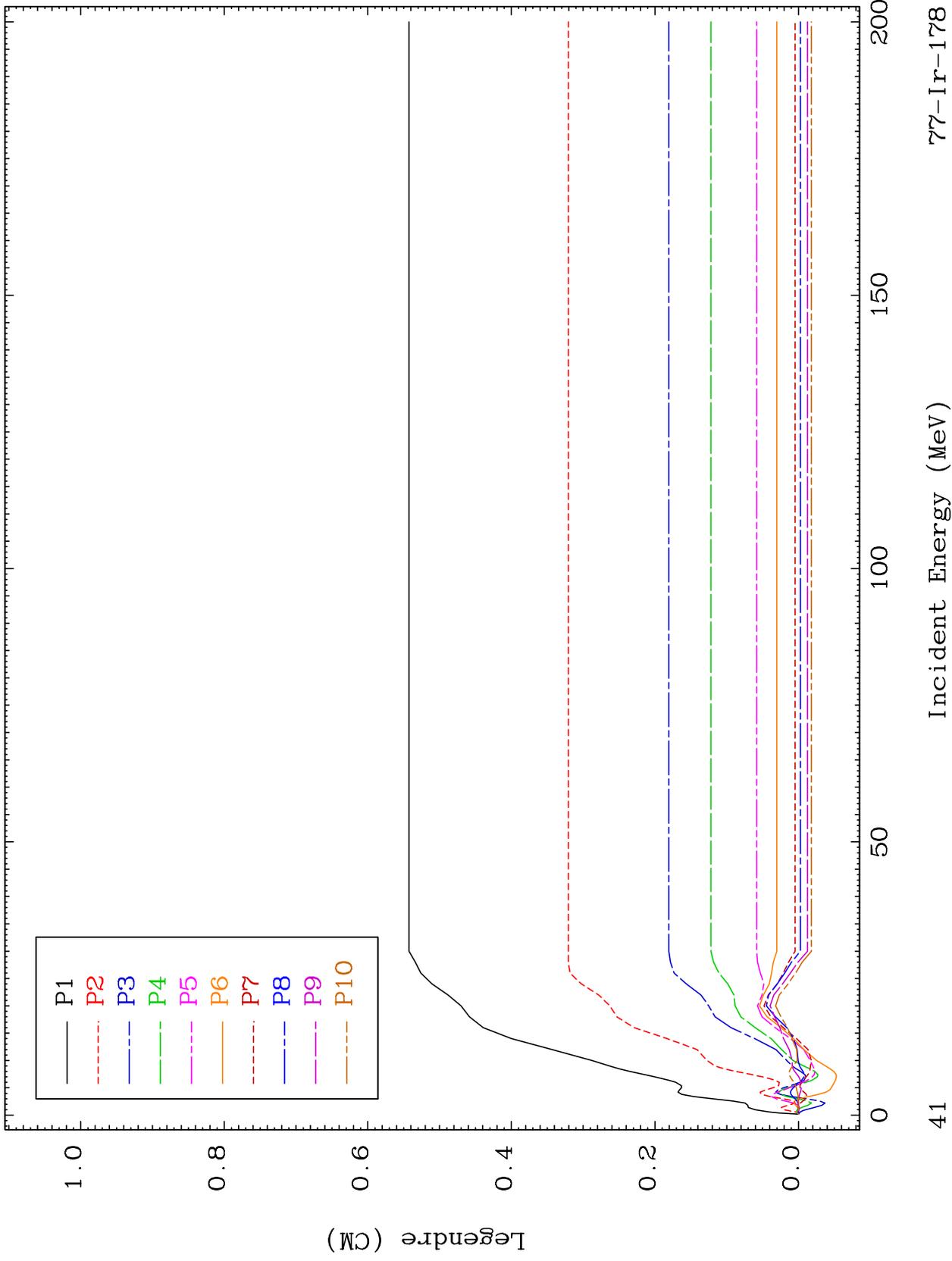
77-Ir-178



39

Incident Energy (MeV)

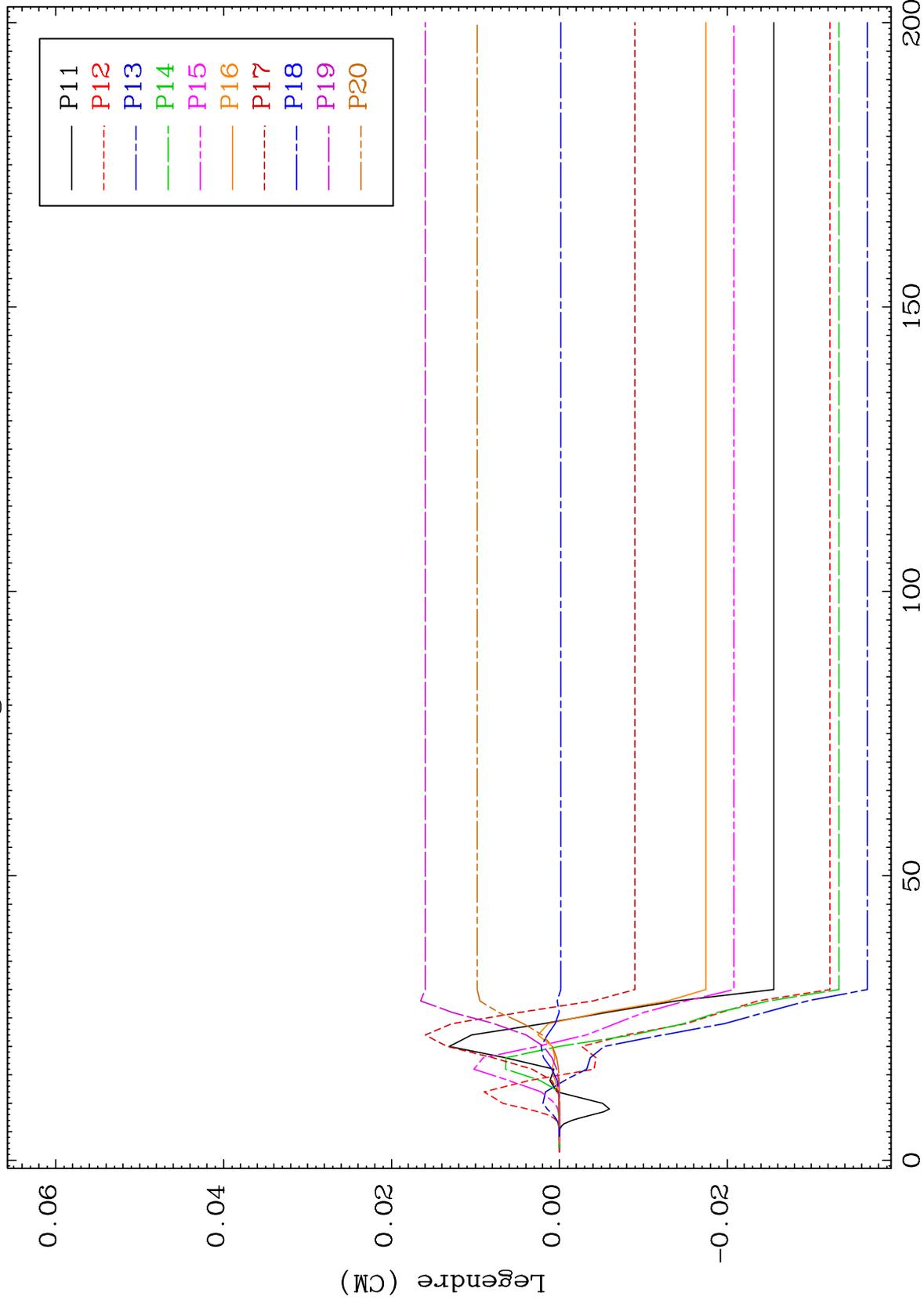
77-Ir-178



MAT 7686

173.3 keV (n,n') Level
Legendre Coefficients

77-Ir-178



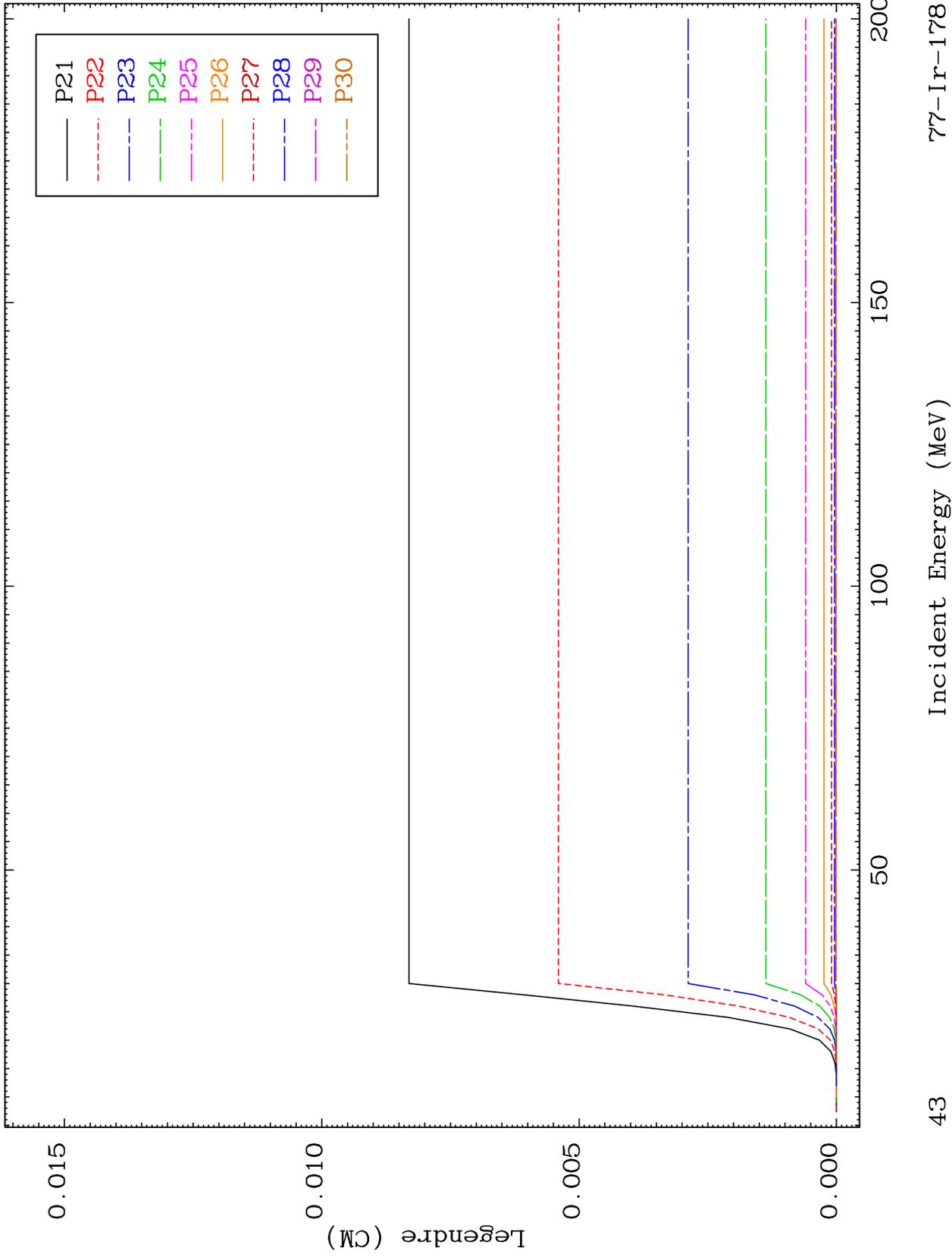
42

77-Ir-178

MAT 7686

173.3 keV (n,n') Level
Legendre Coefficients

77-Ir-178



43

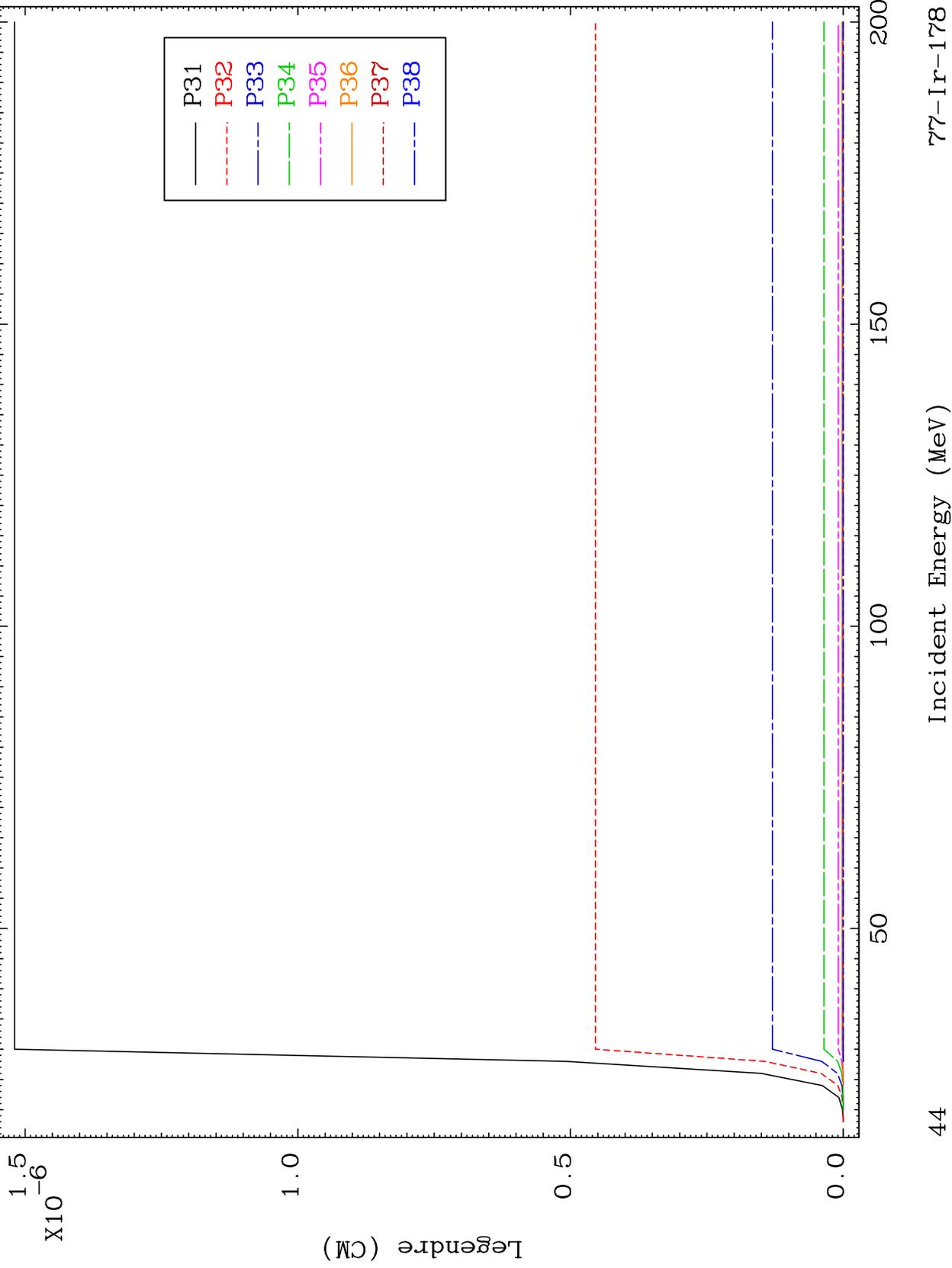
Incident Energy (MeV)

77-Ir-178

MAT 7686

173.3 keV (n,n') Level
Legendre Coefficients

77-Ir-178



44

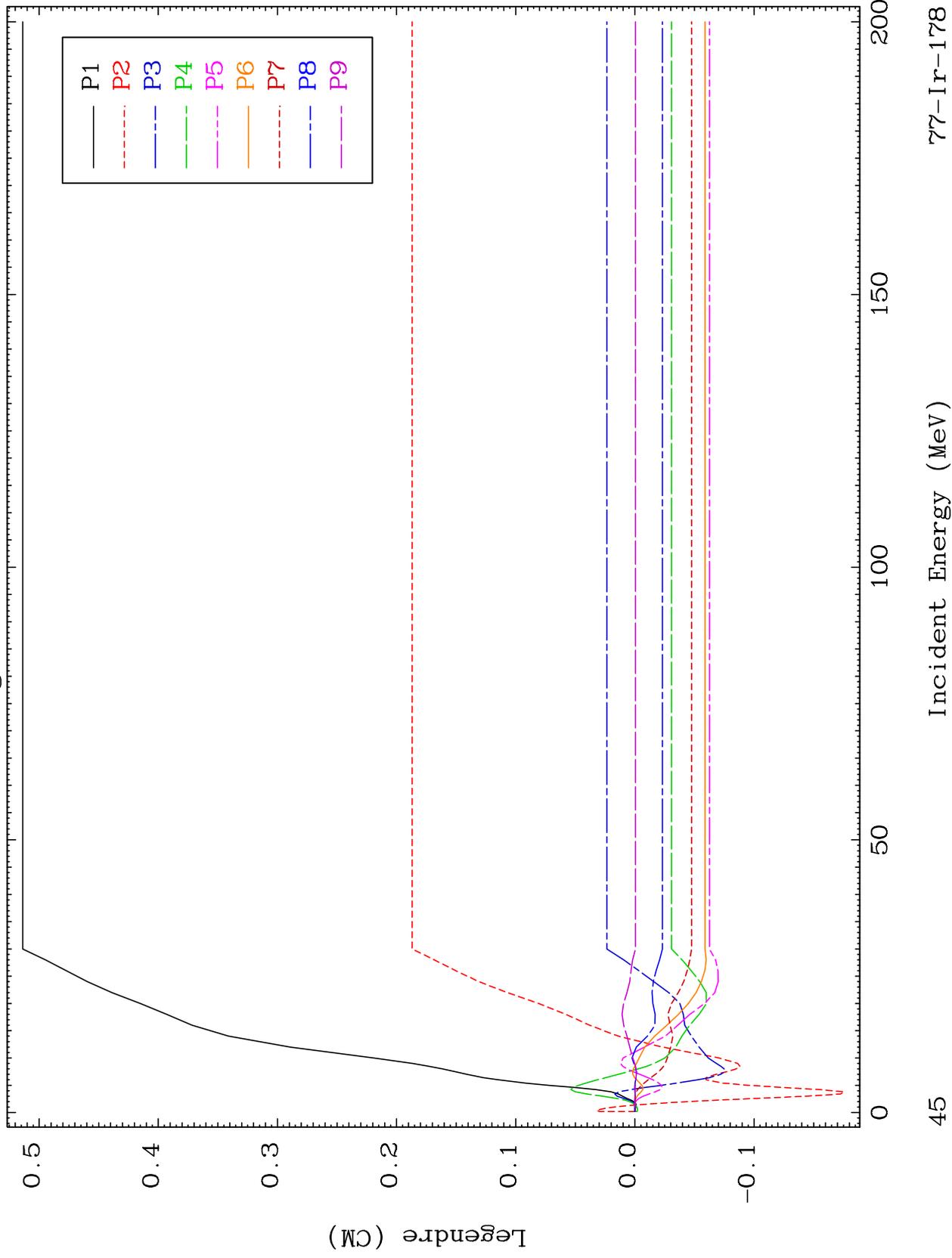
Incident Energy (MeV)

77-Ir-178

MAT 7686

174.8 keV (n,n') Level
Legendre Coefficients

⁷⁷Ir-178



⁷⁷Ir-178

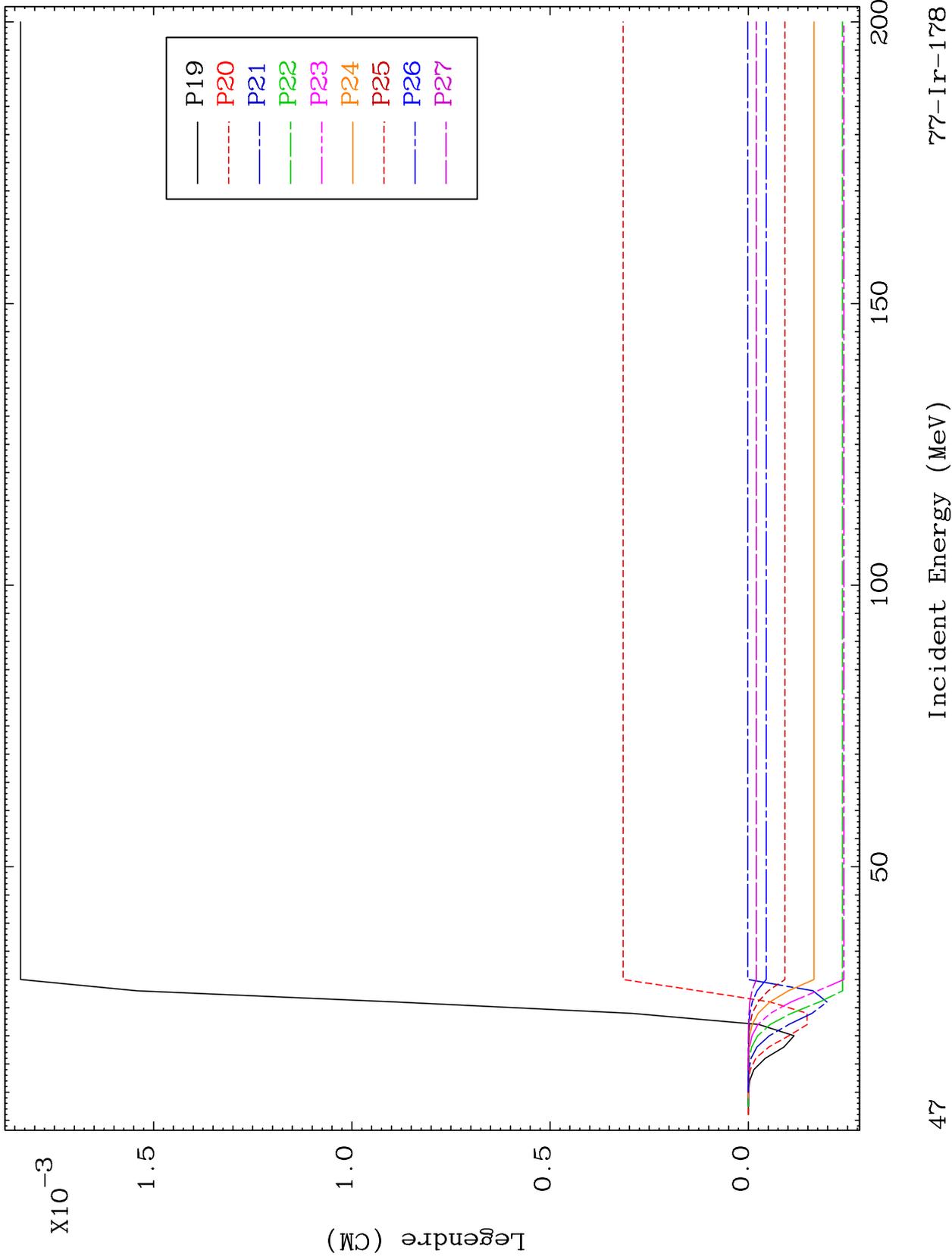
Incident Energy (MeV)

45

MAT 7686

174.8 keV (n, n') Level
Legendre Coefficients

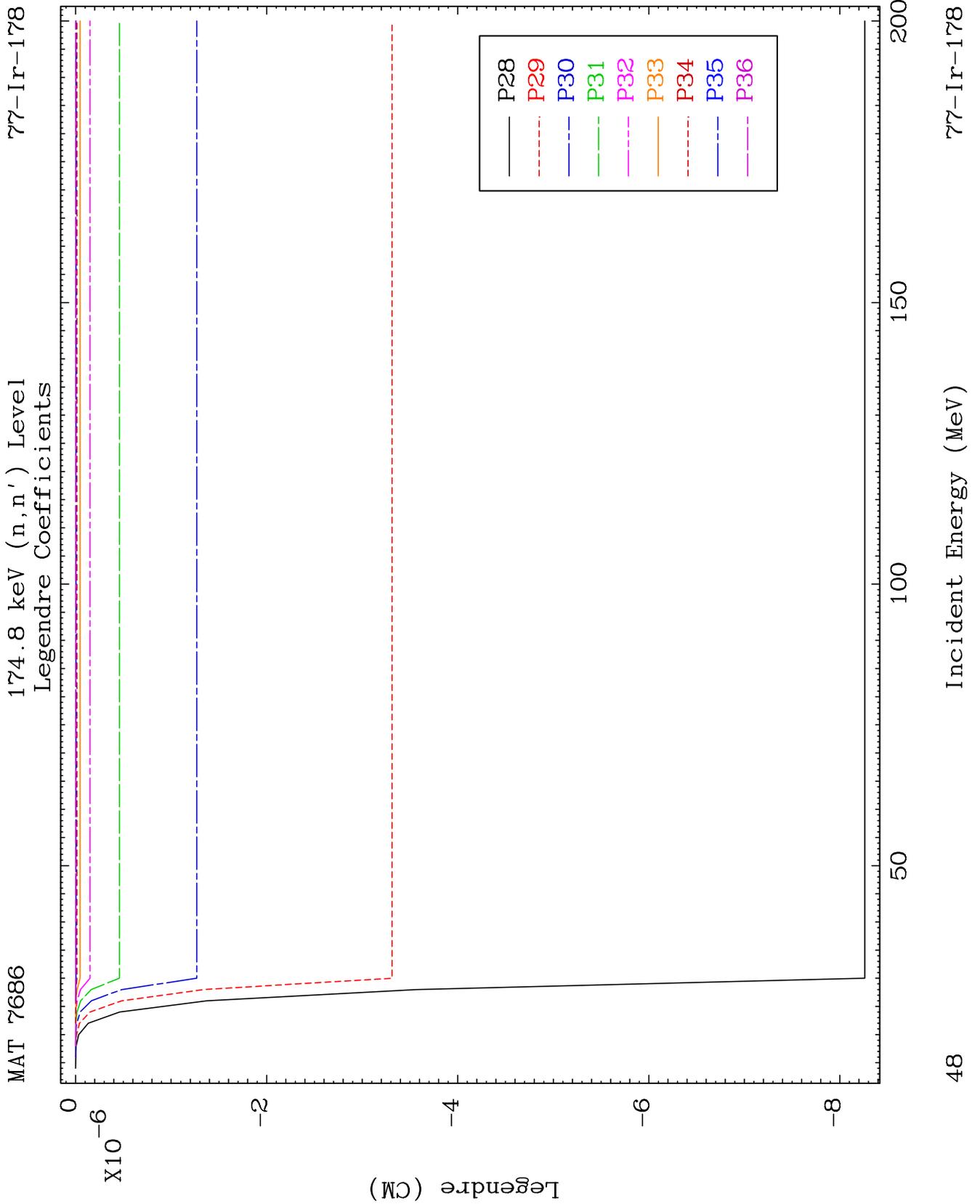
77-Ir-178



47

Incident Energy (MeV)

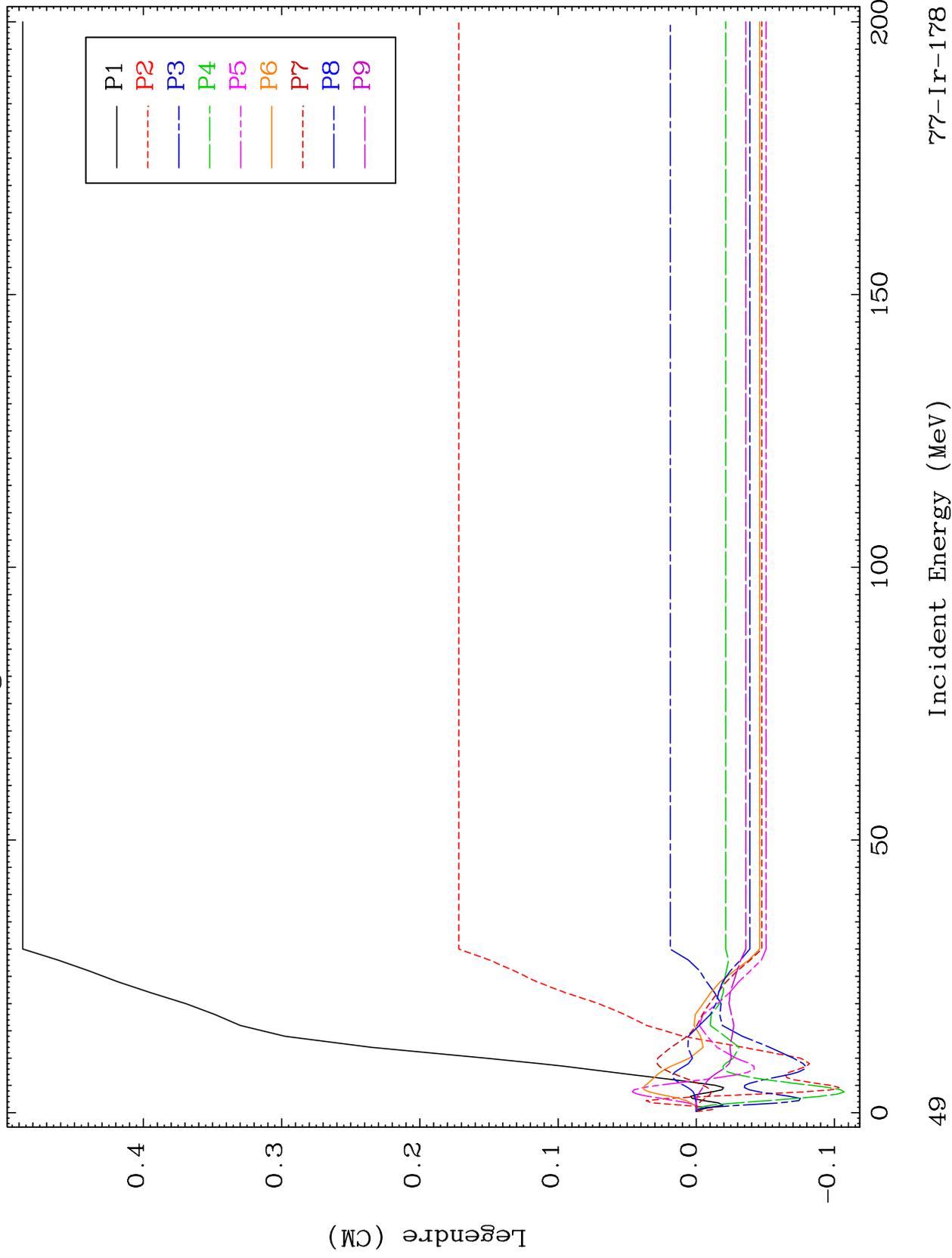
77-Ir-178



MAT 7686

207.9 keV (n,n') Level
Legendre Coefficients

77-Ir-178



77-Ir-178

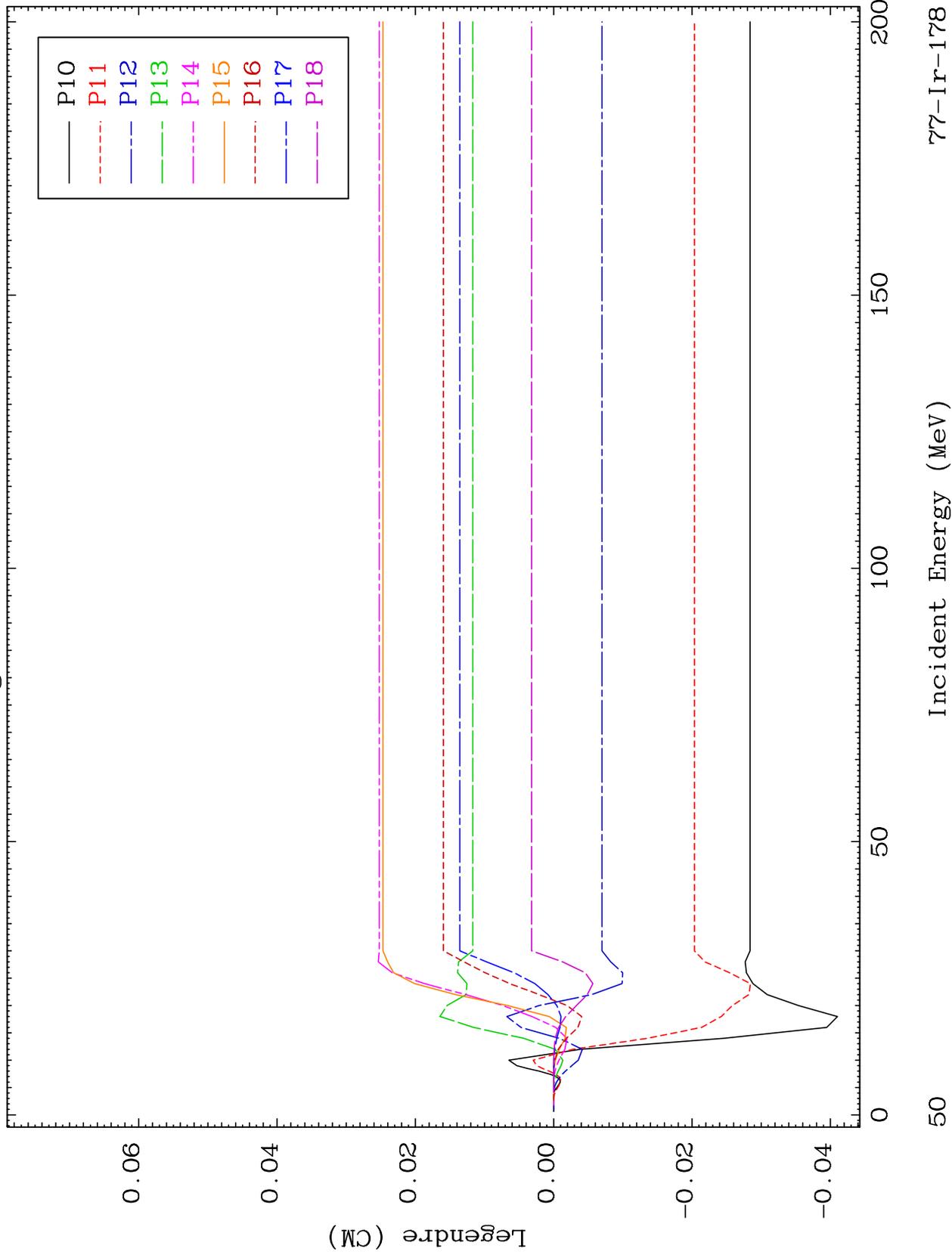
Incident Energy (MeV)

49

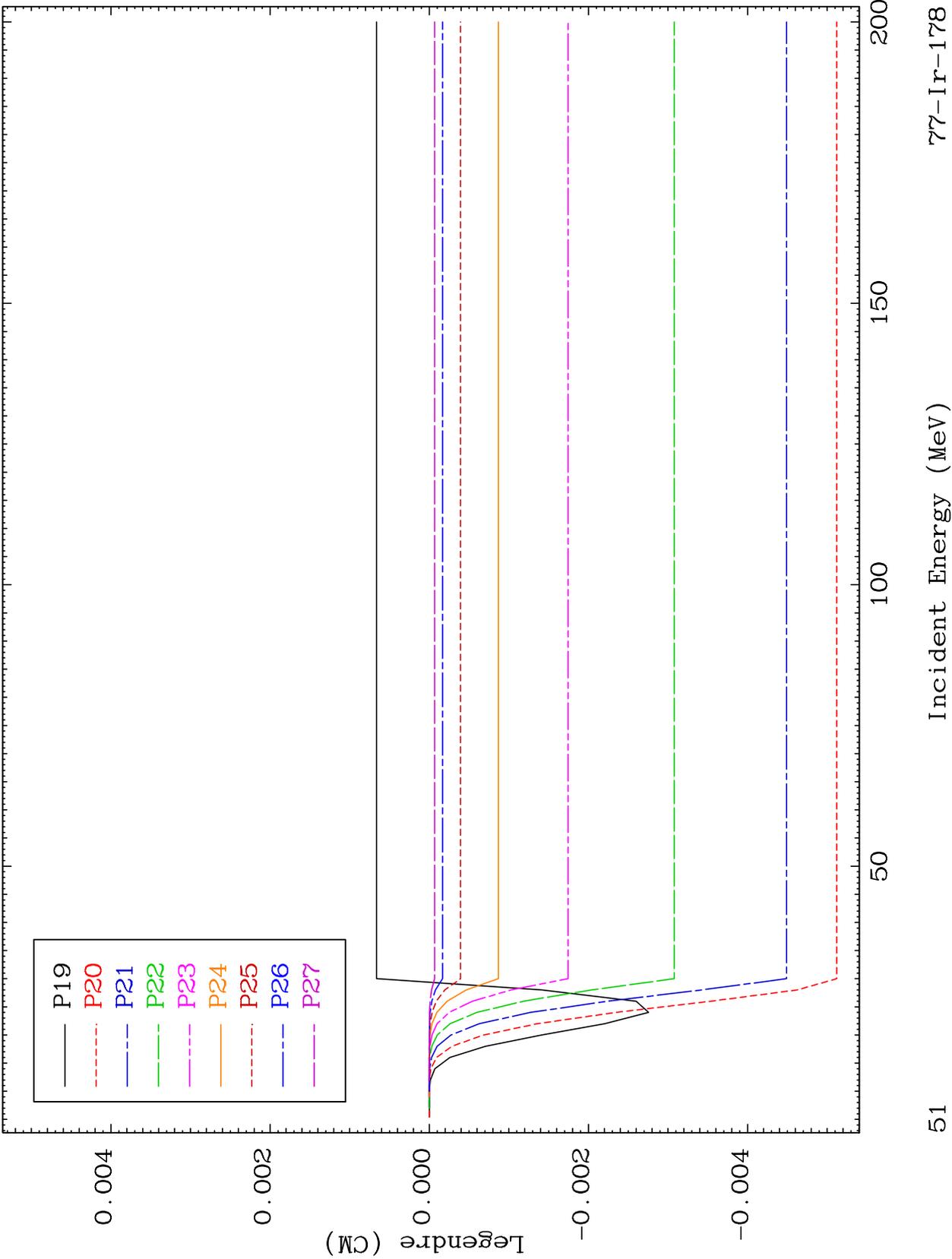
MAT 7686

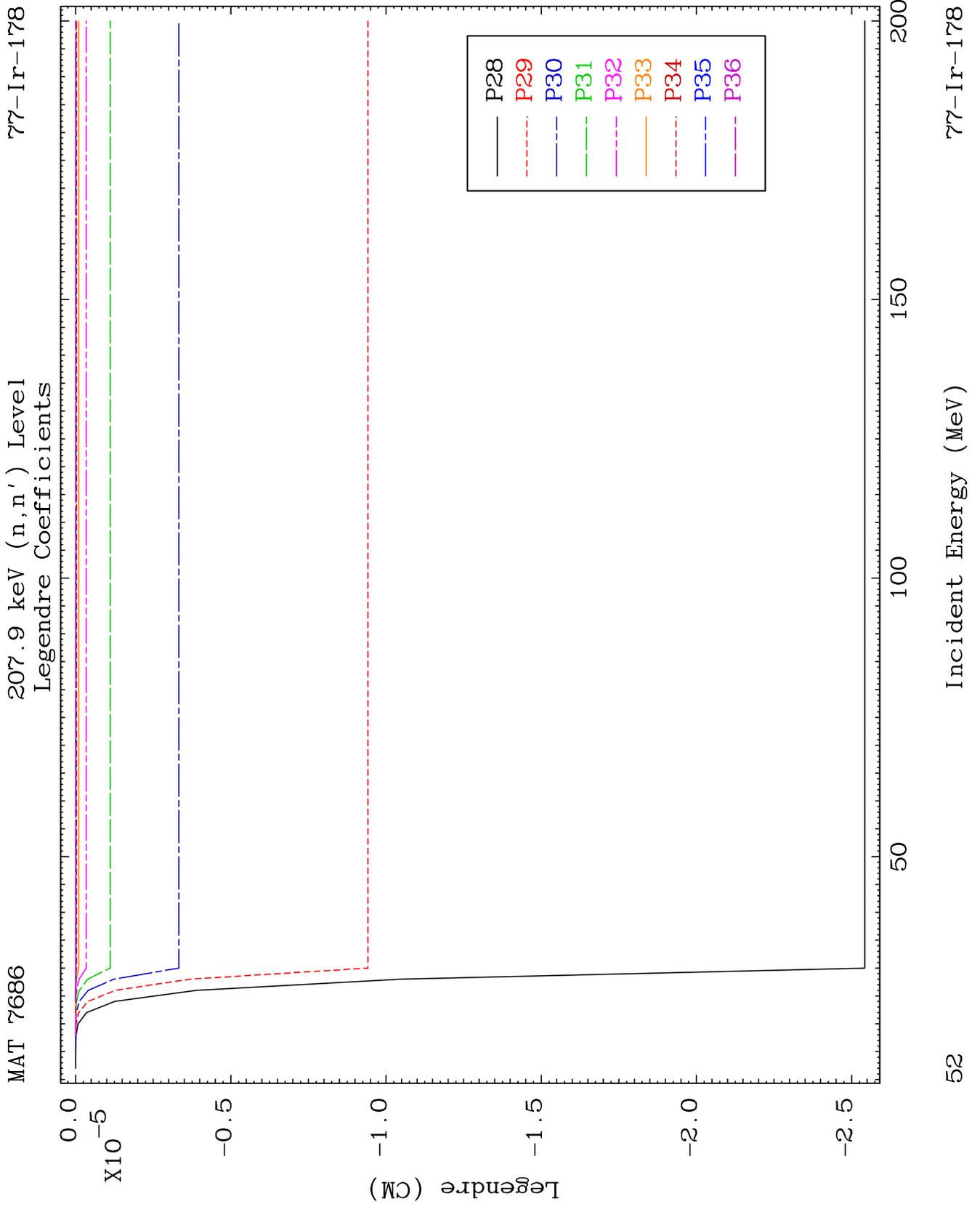
207.9 keV (n,n') Level
Legendre Coefficients

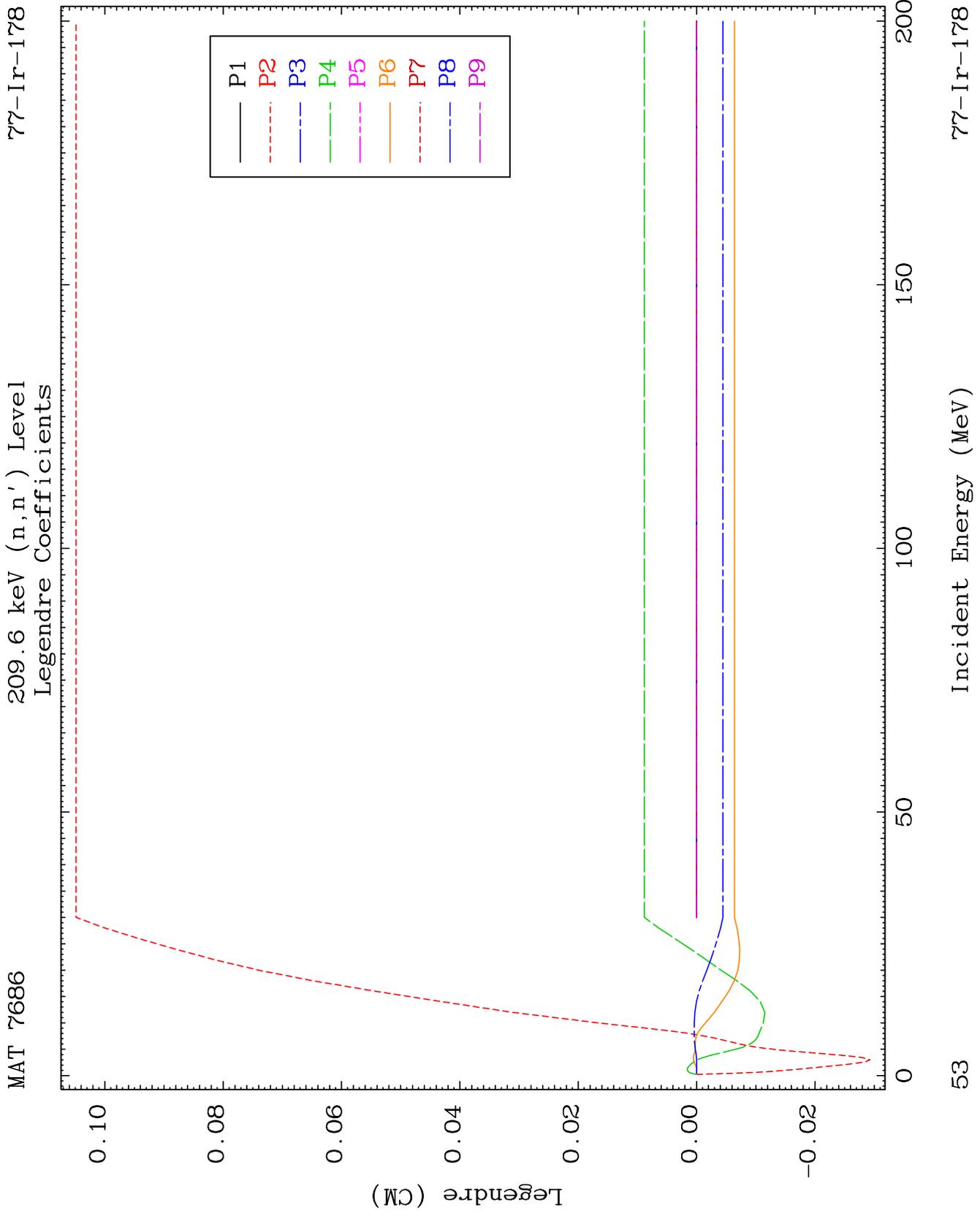
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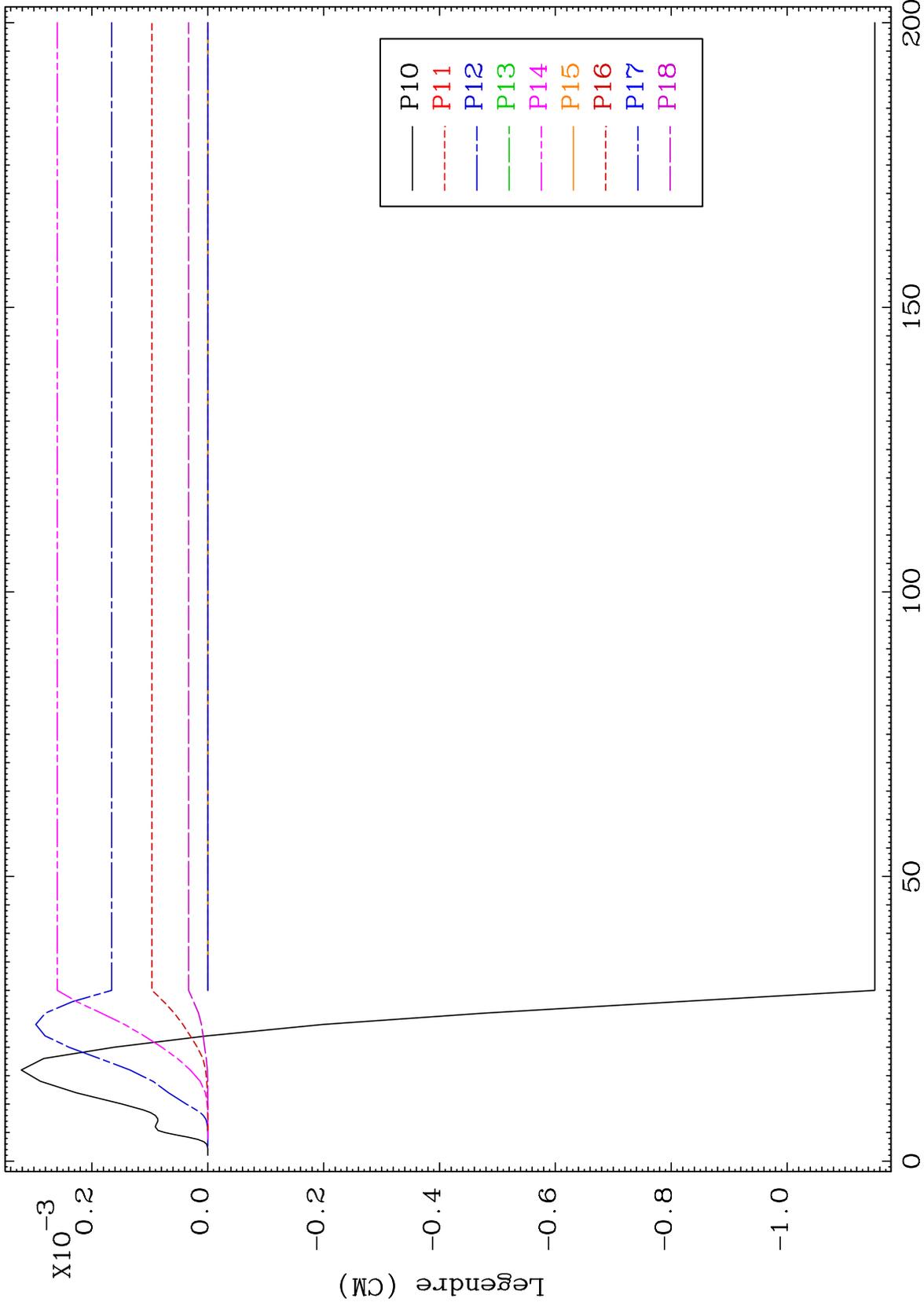


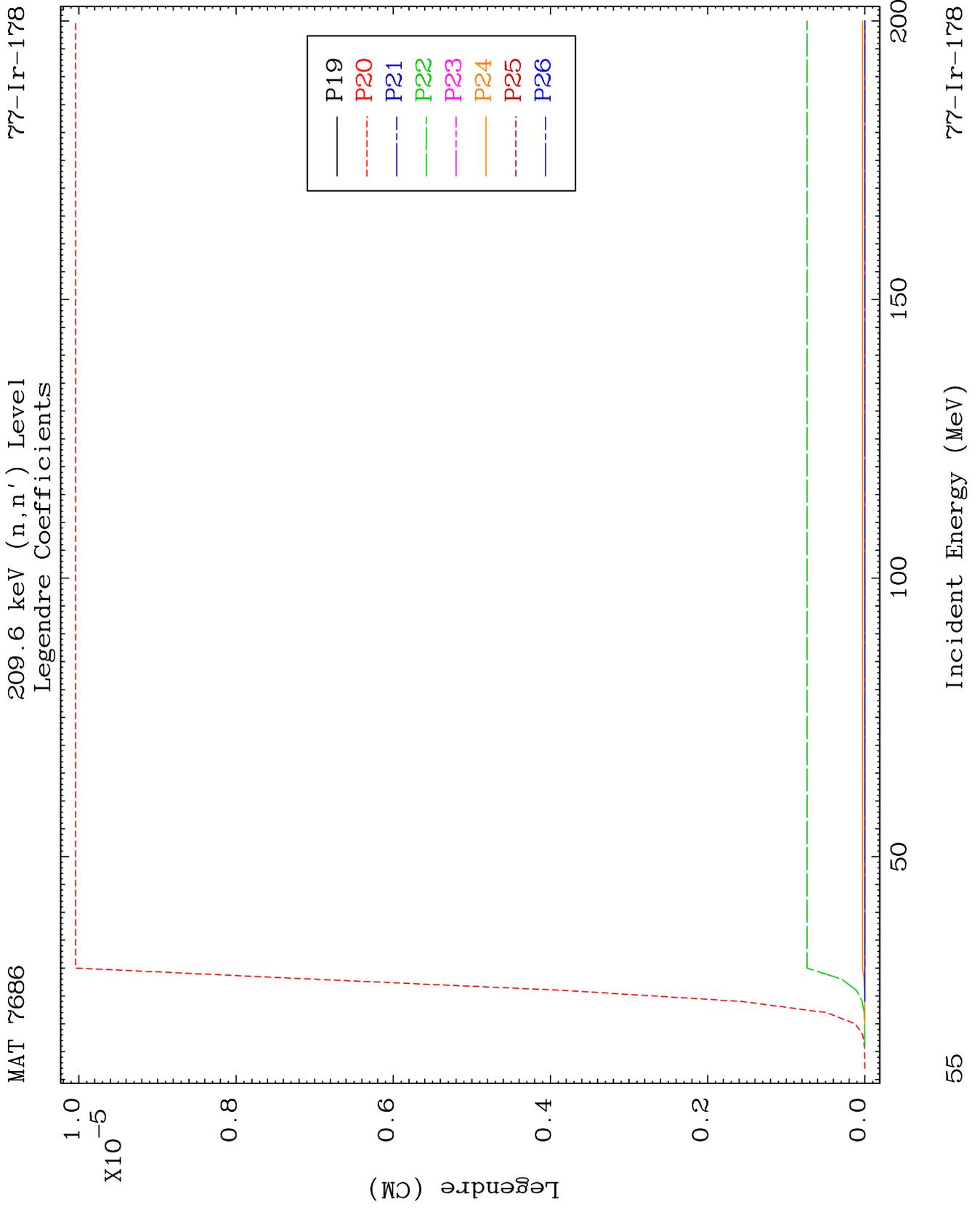
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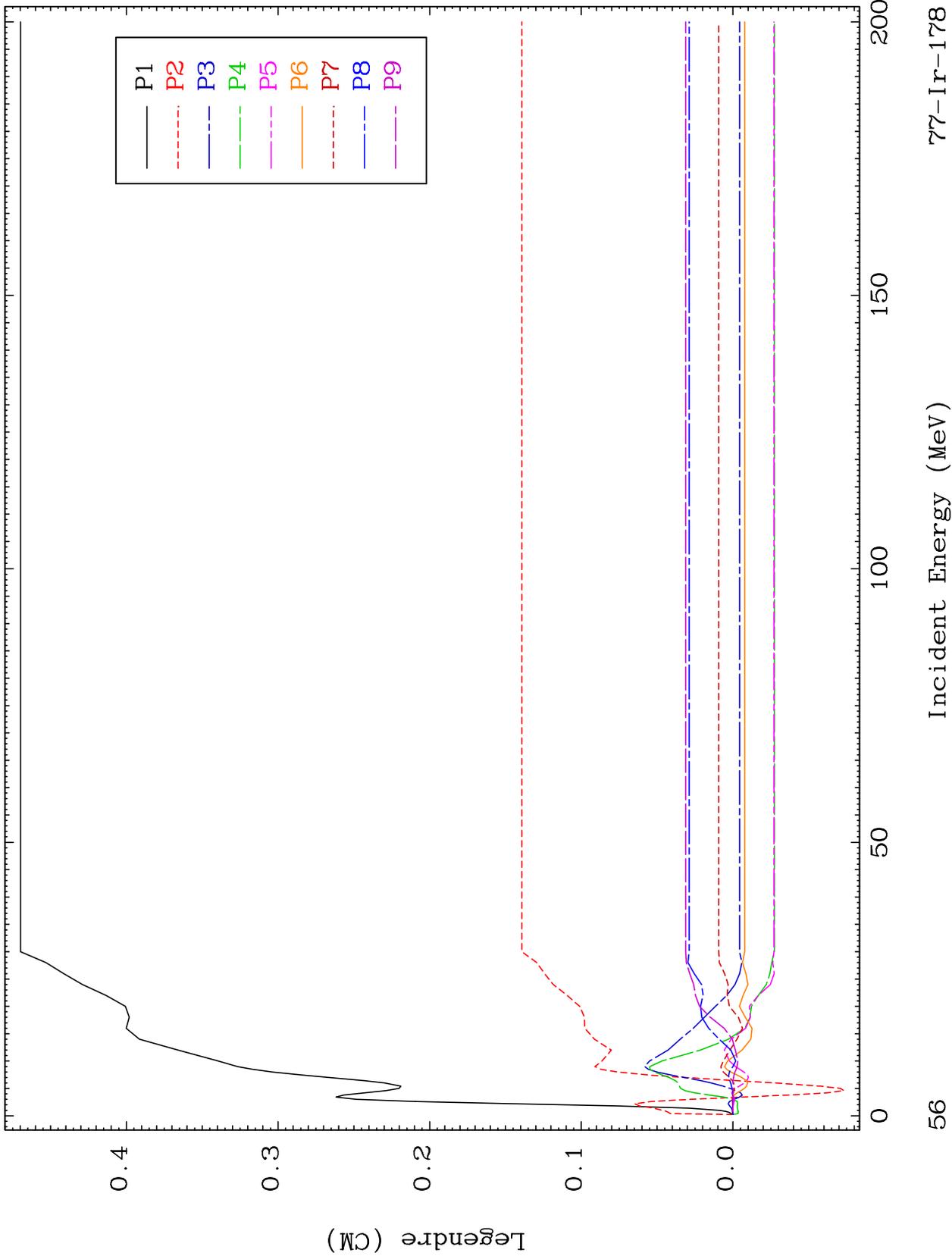








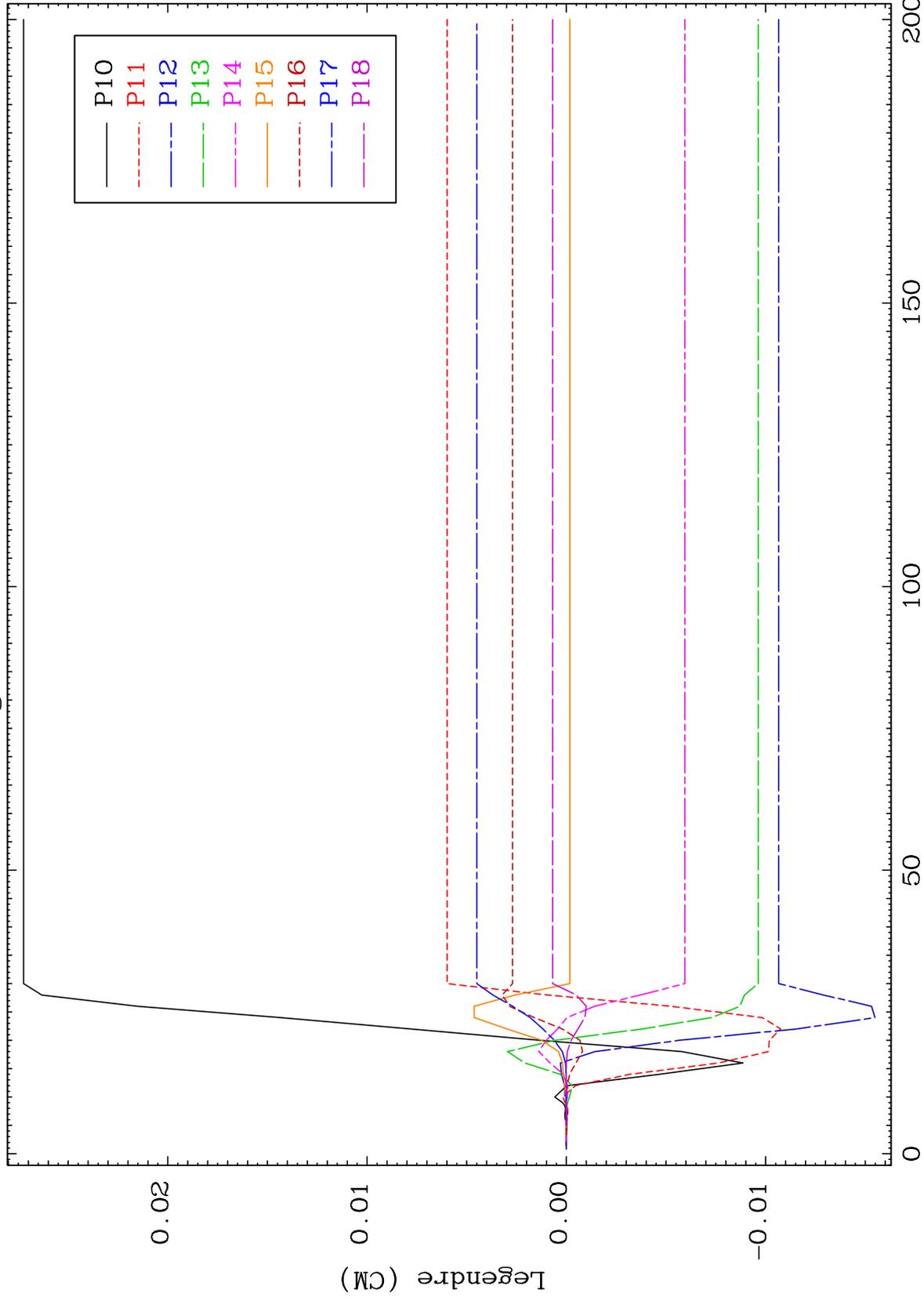




MAT 7686

233.1 keV (n,n') Level
Legendre Coefficients

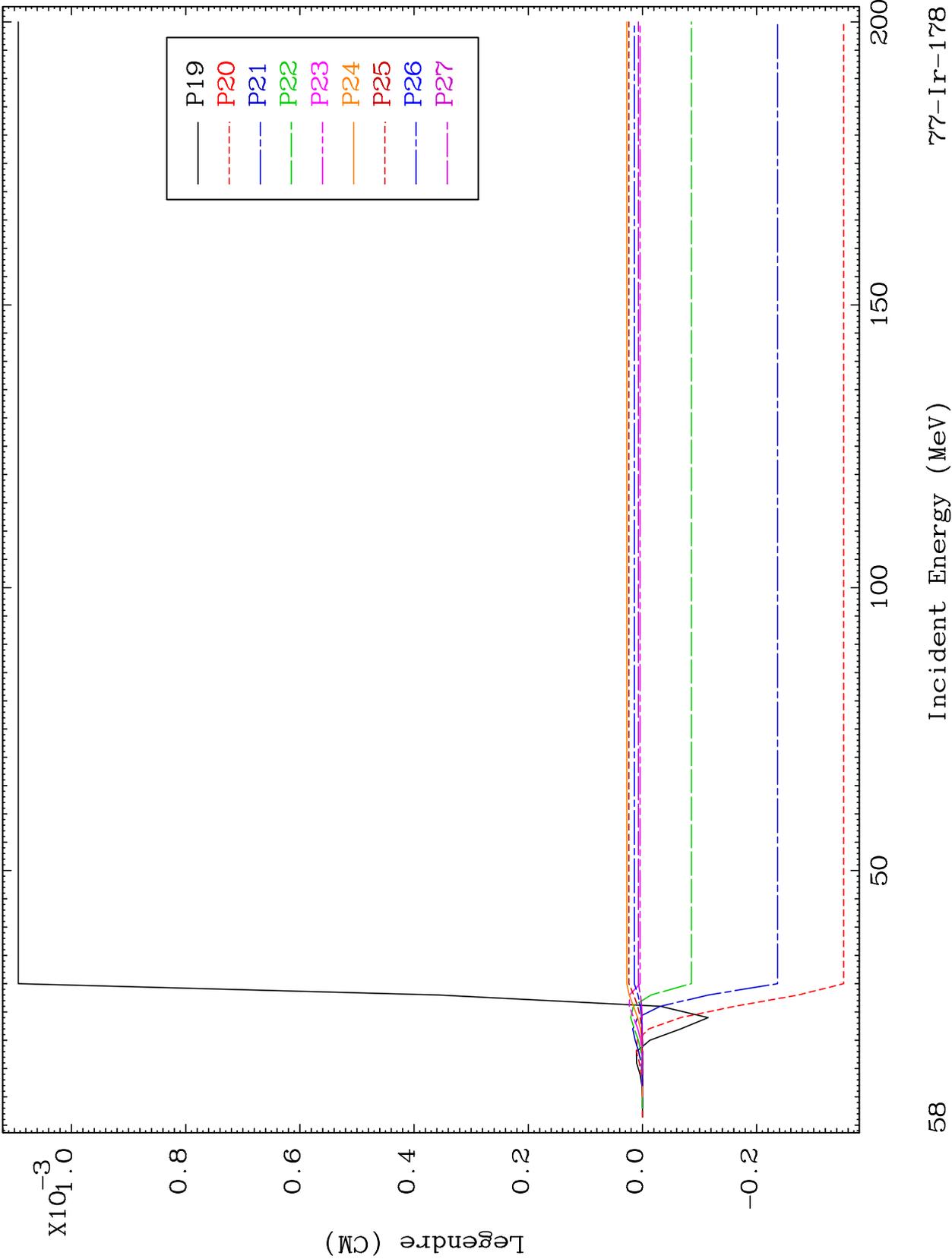
77-Ir-178



57

Incident Energy (MeV)

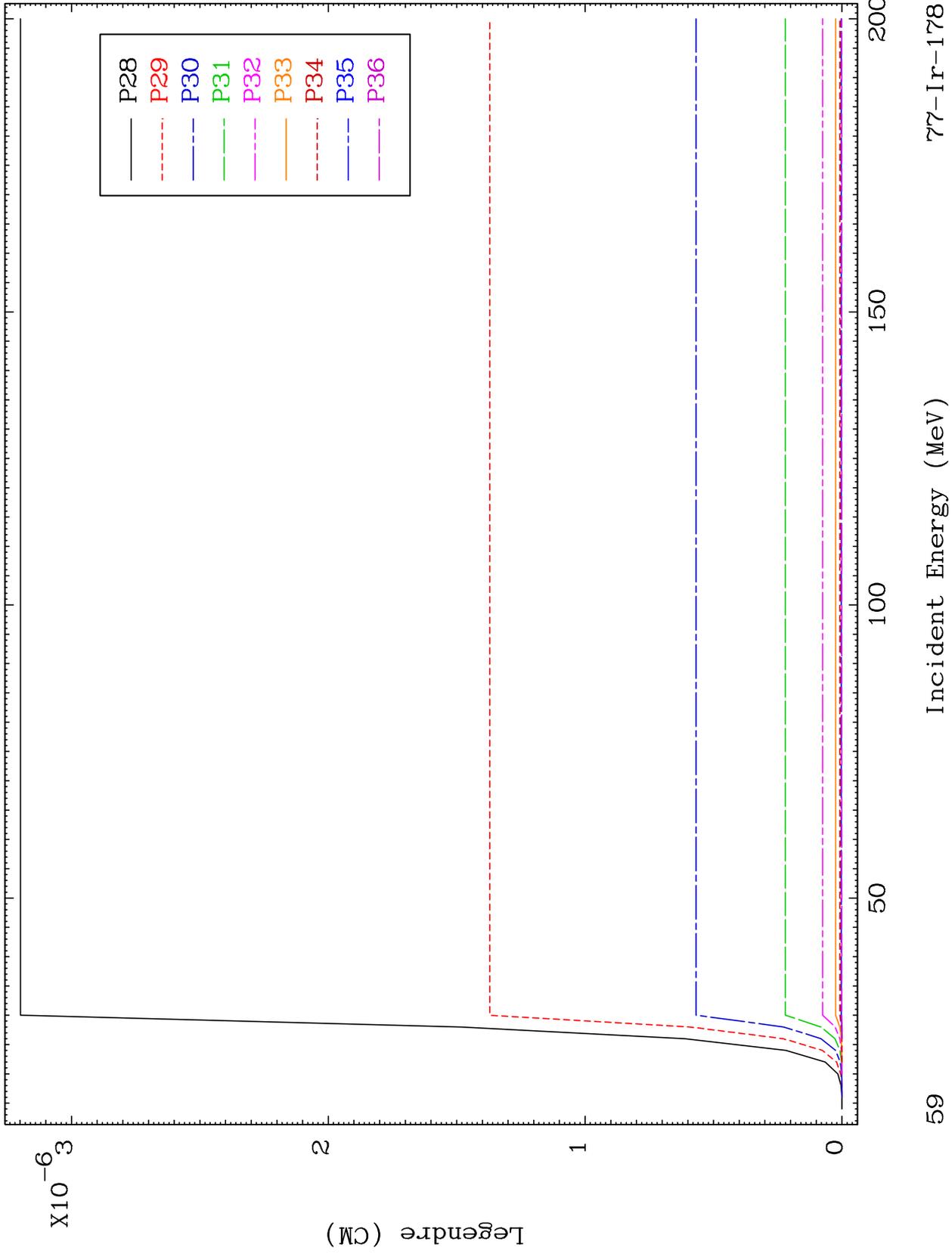
77-Ir-178



MAT 7686

233.1 keV (n,n') Level
Legendre Coefficients

77-Ir-178



59

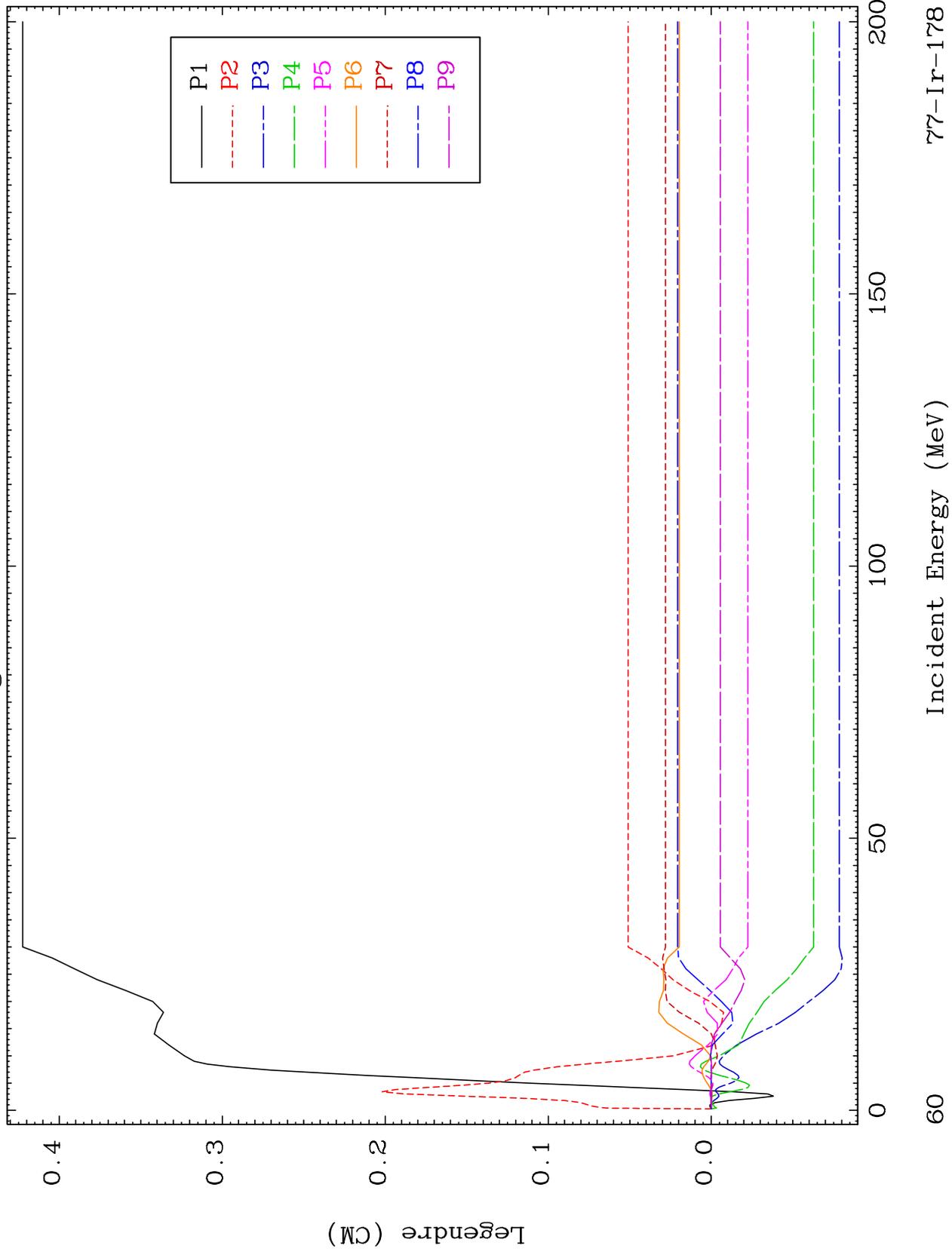
Incident Energy (MeV)

77-Ir-178

MAT 7686

253.3 keV (n,n') Level
Legendre Coefficients

⁷⁷Ir-178

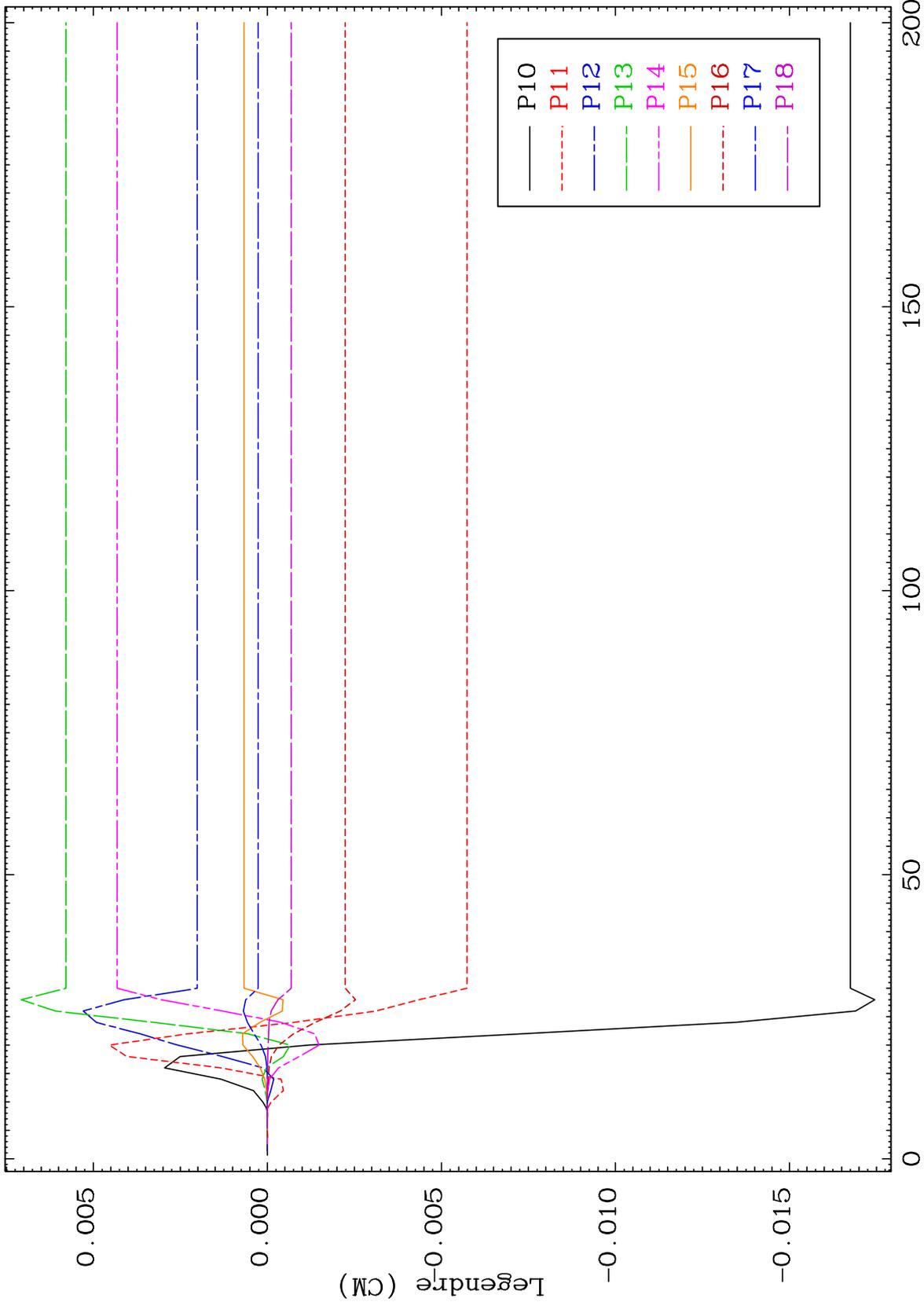


⁷⁷Ir-178

MAT 7686

253.3 keV (n,n') Level
Legendre Coefficients

77-Ir-178



61

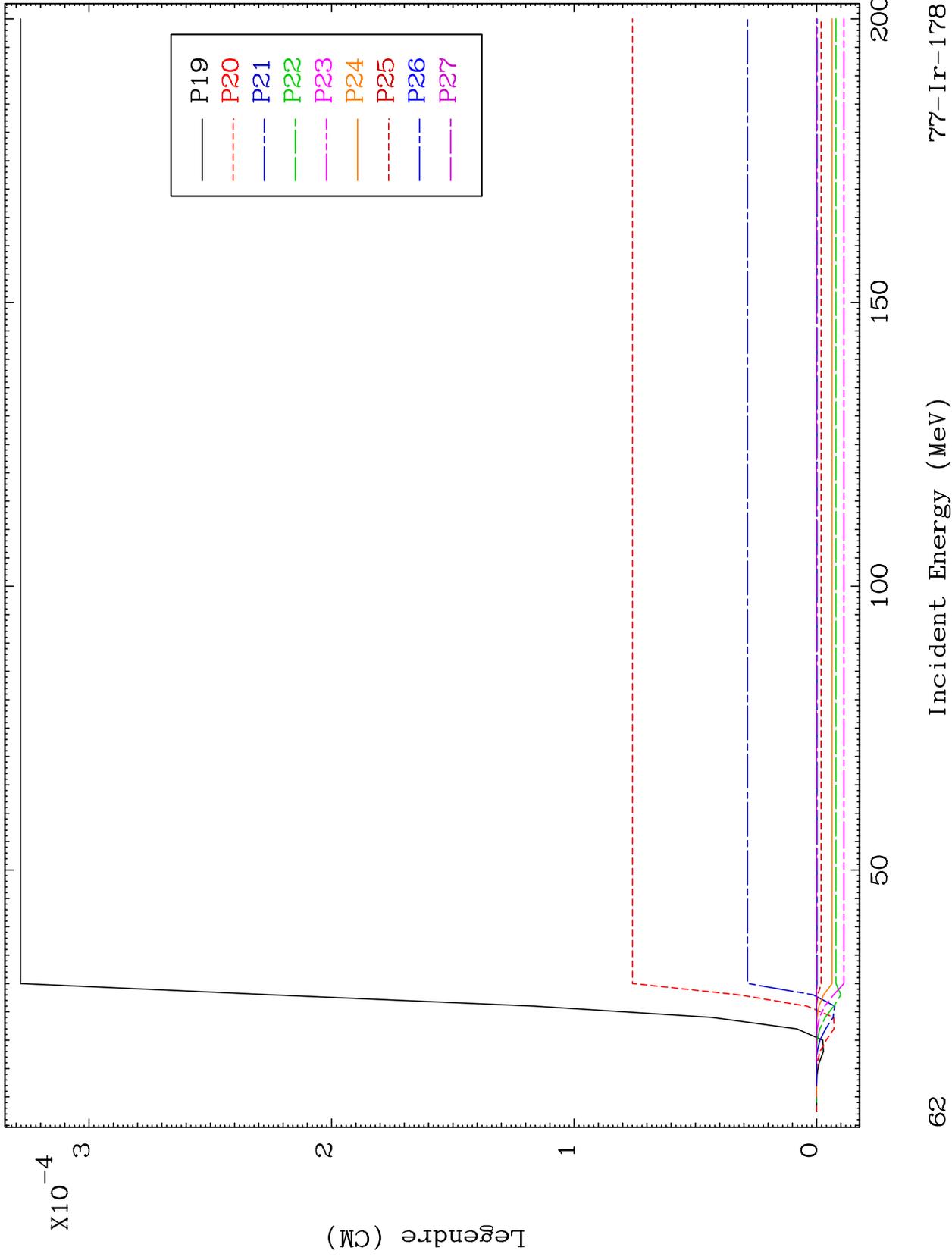
Incident Energy (MeV)

77-Ir-178

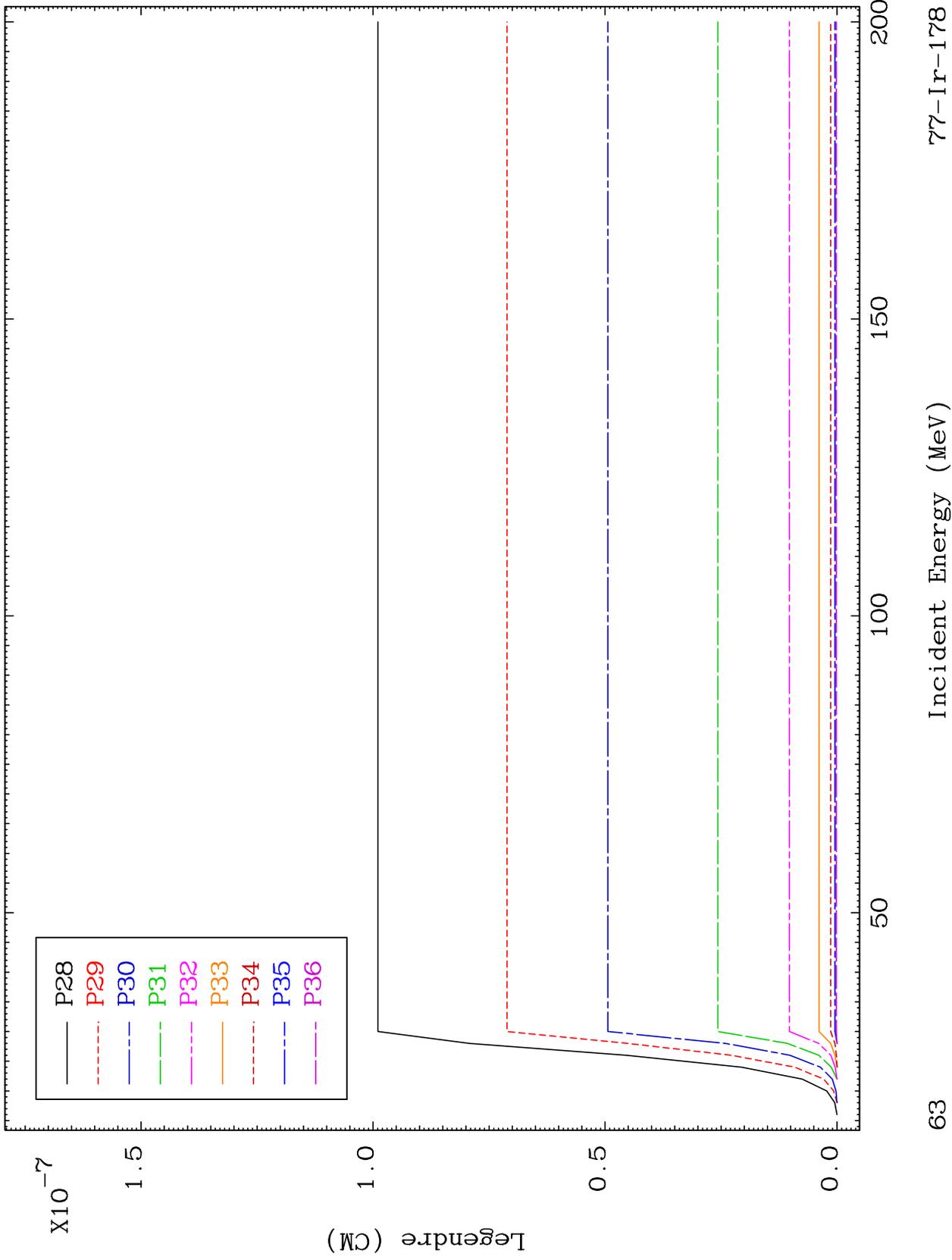
MAT 7686

253.3 keV (n,n') Level
Legendre Coefficients

77-Ir-178



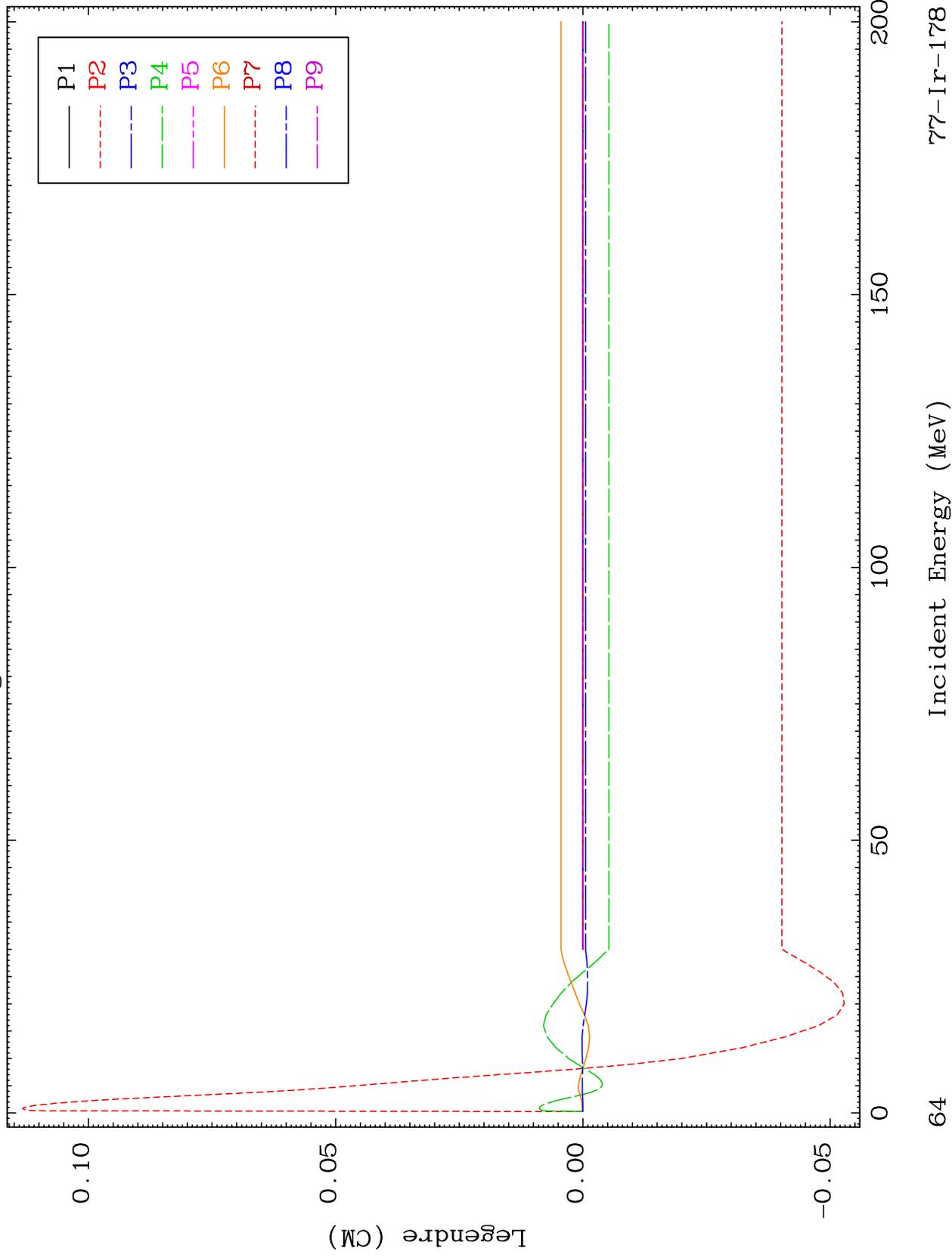
62



MAT 7686

254.6 keV (n,n') Level
Legendre Coefficients

⁷⁷Ir-178



⁷⁷Ir-178

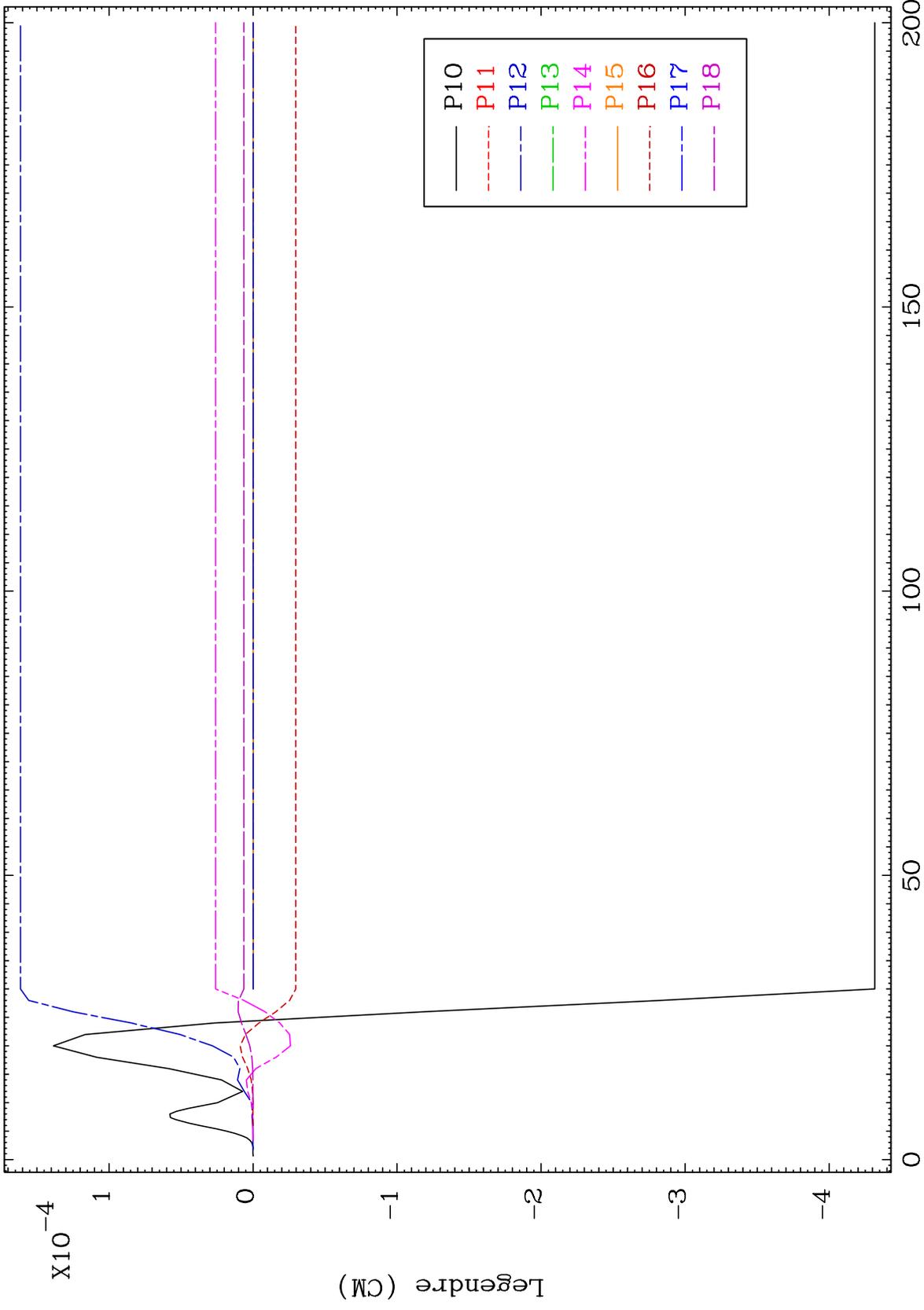
Incident Energy (MeV)

64

MAT 7686

254.6 keV (n,n') Level
Legendre Coefficients

77-Ir-178



65

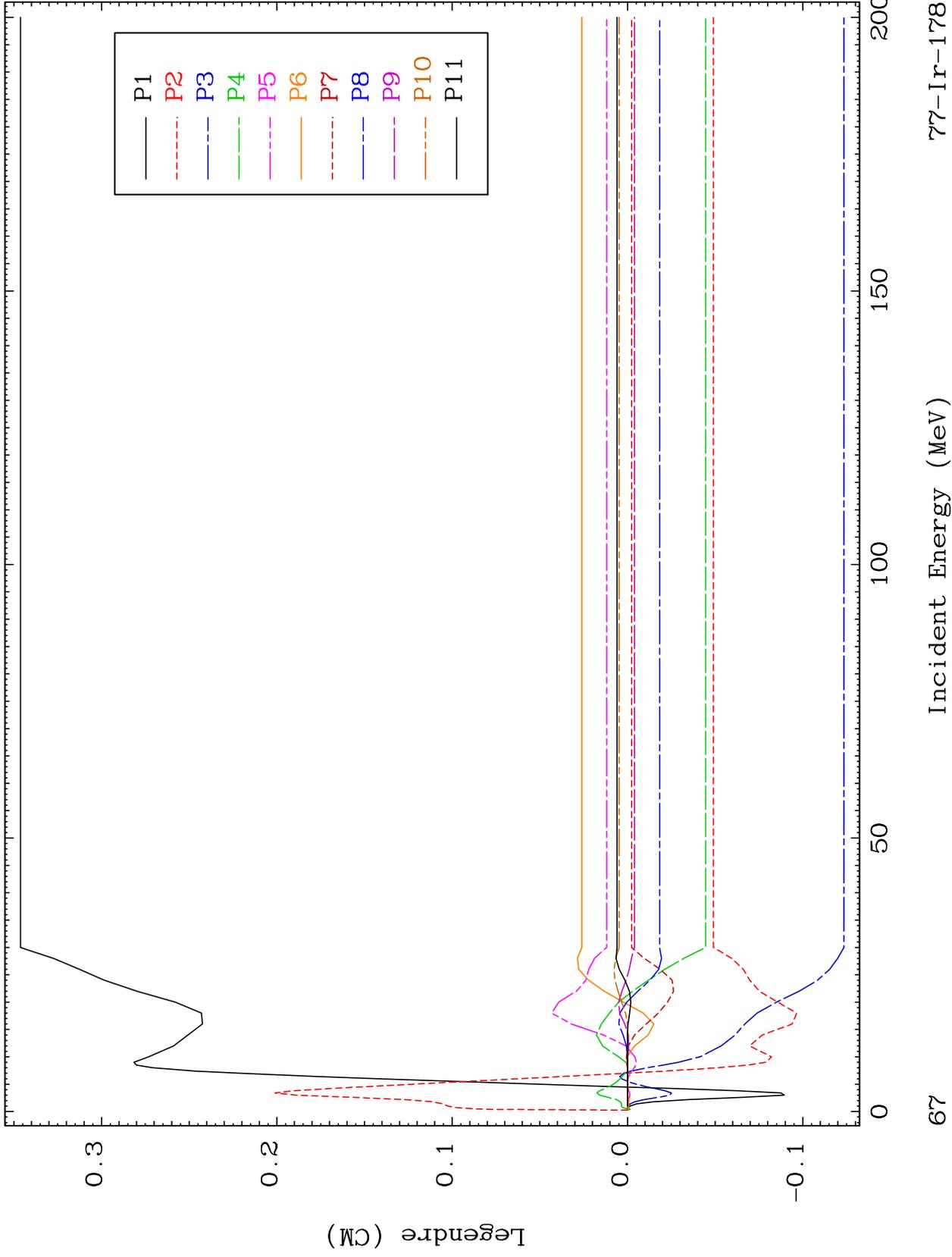
Incident Energy (MeV)

77-Ir-178

MAT 7686

257.1 keV (n,n') Level
Legendre Coefficients

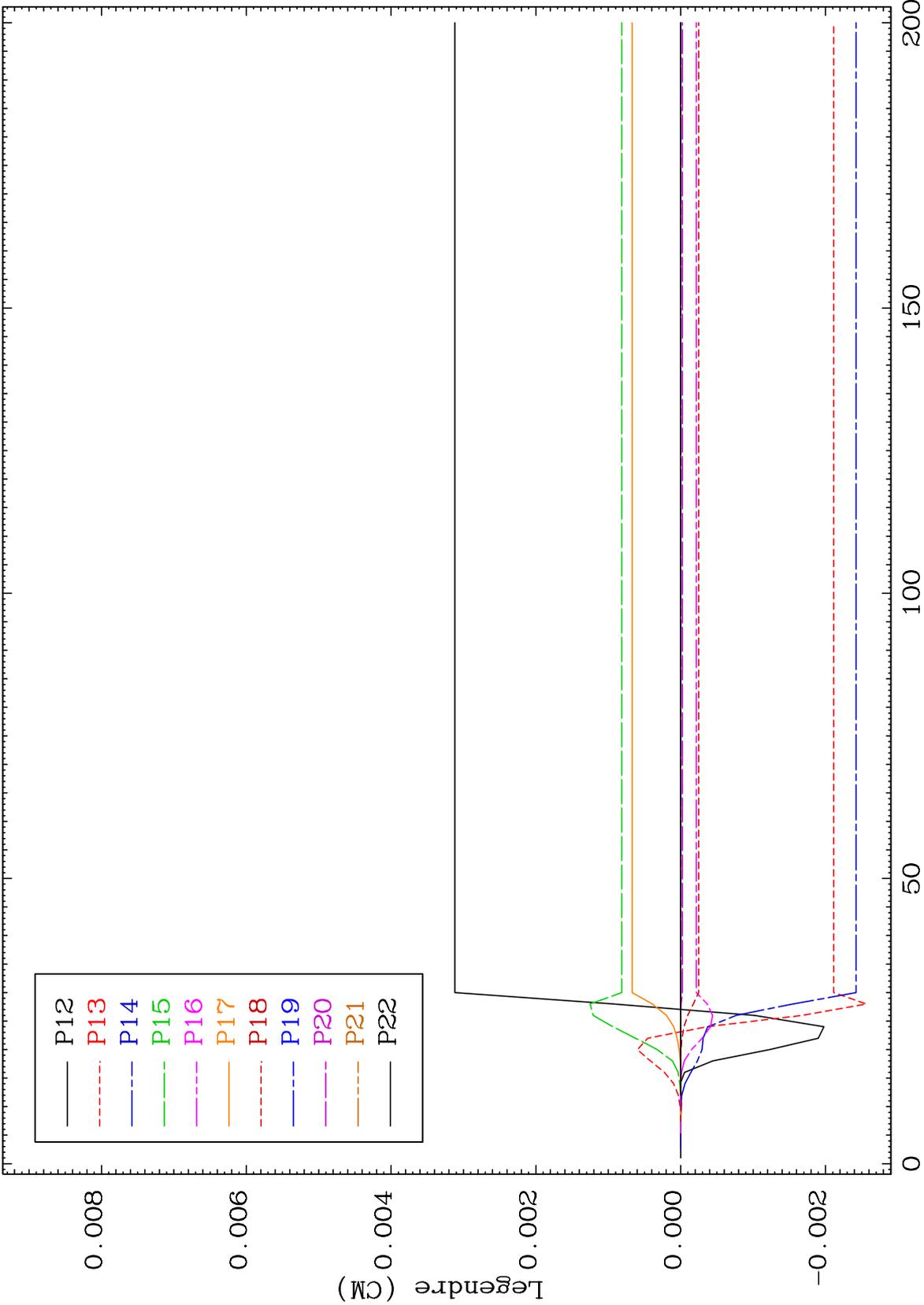
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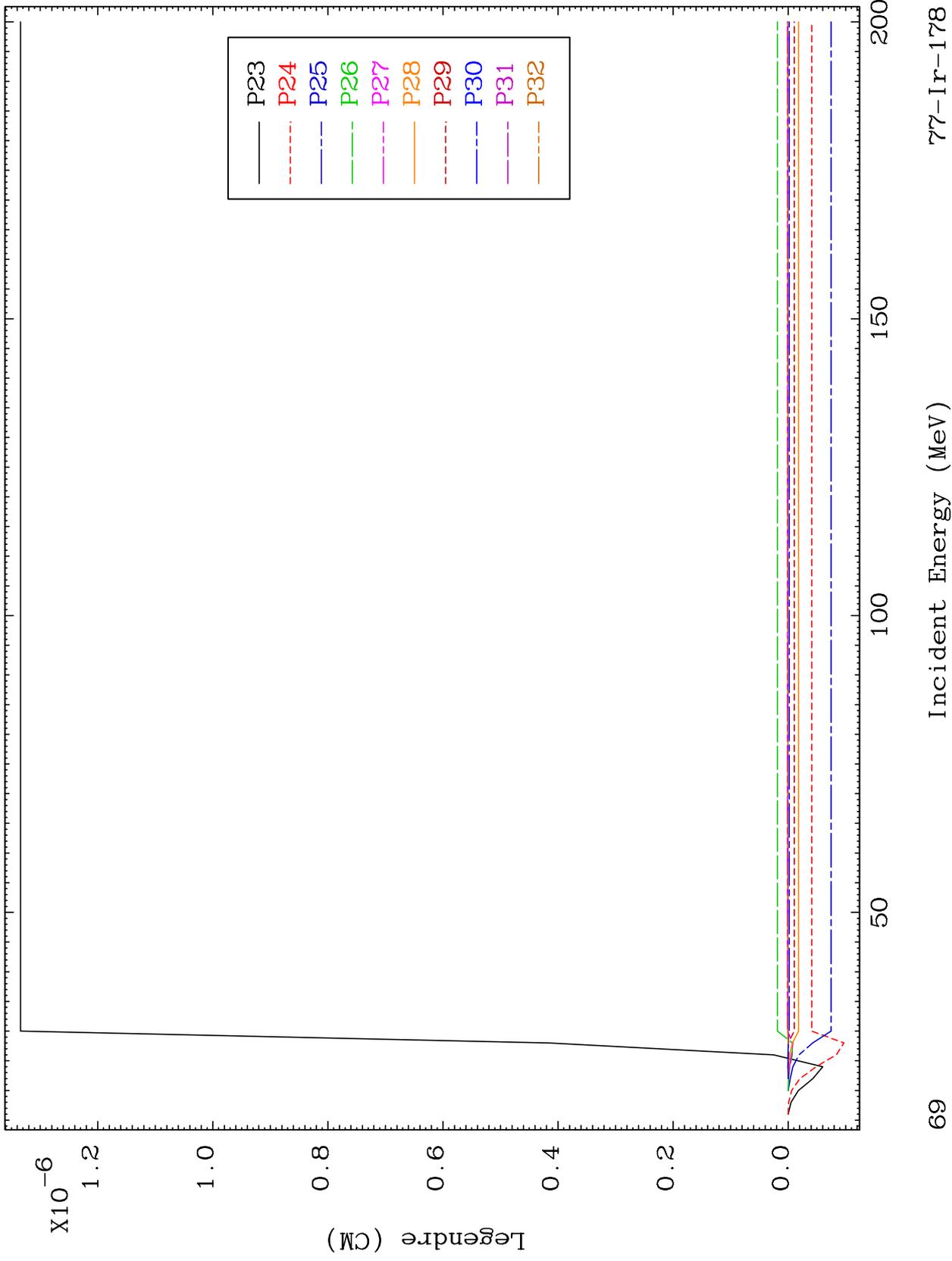


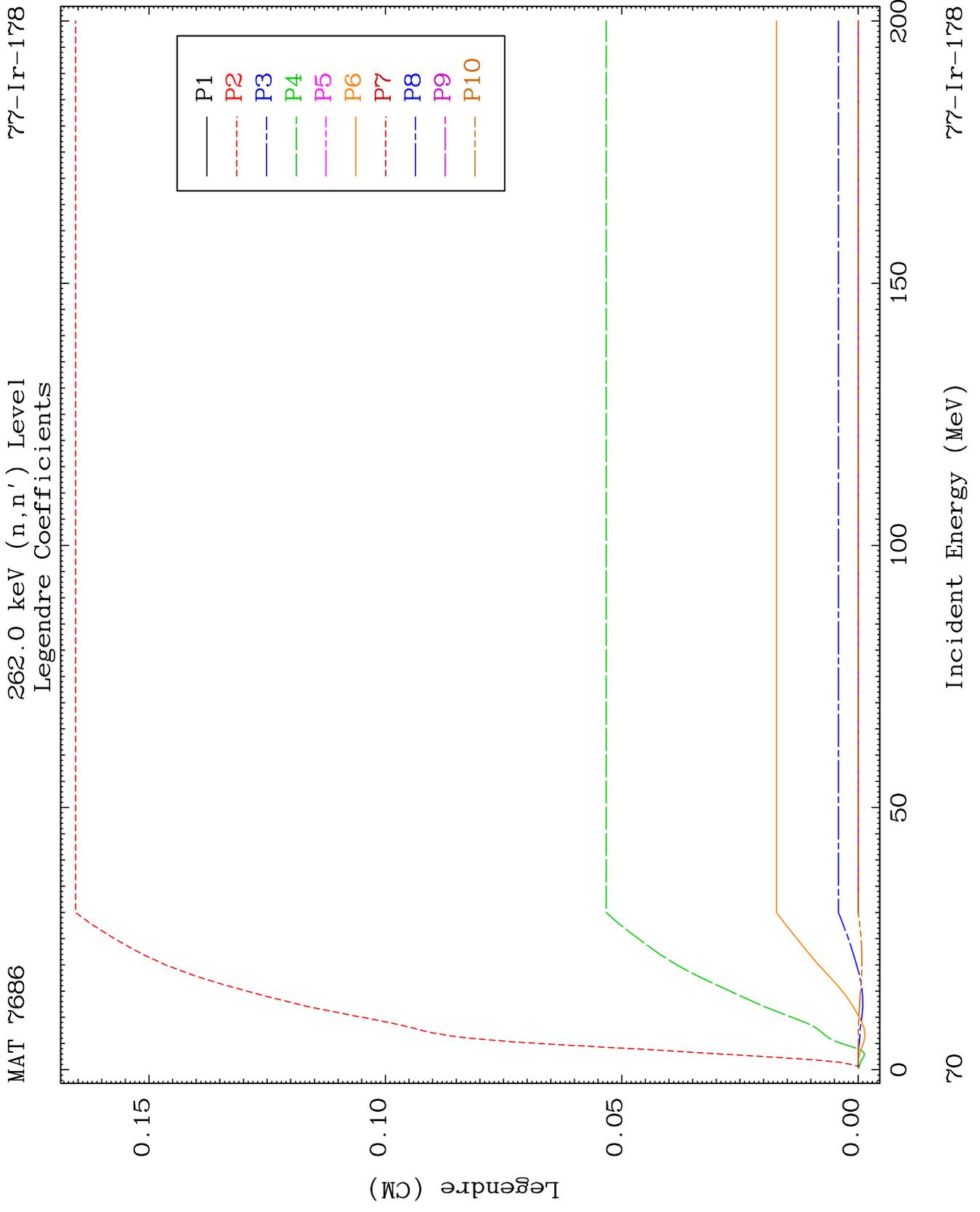
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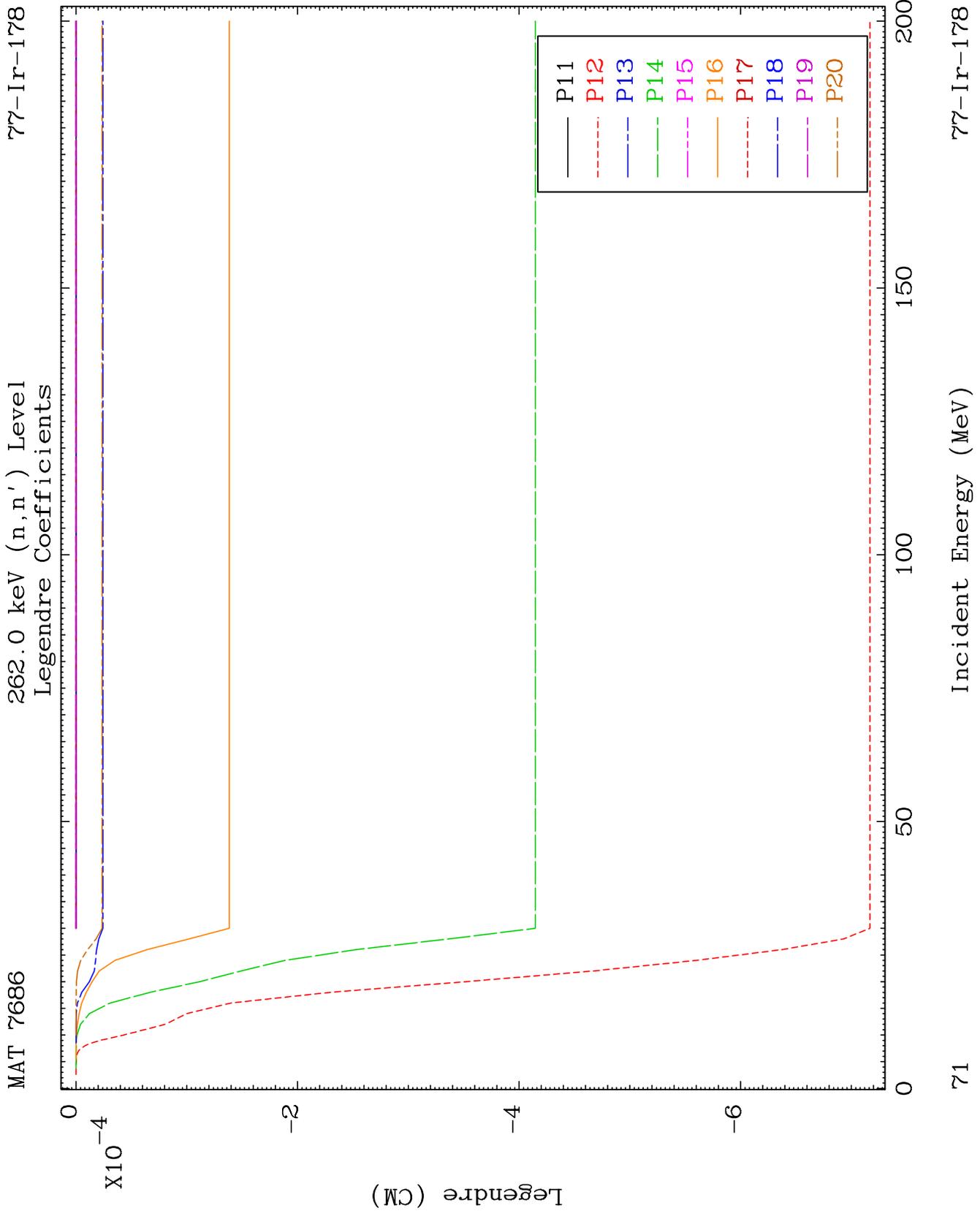
Incident Energy (MeV)

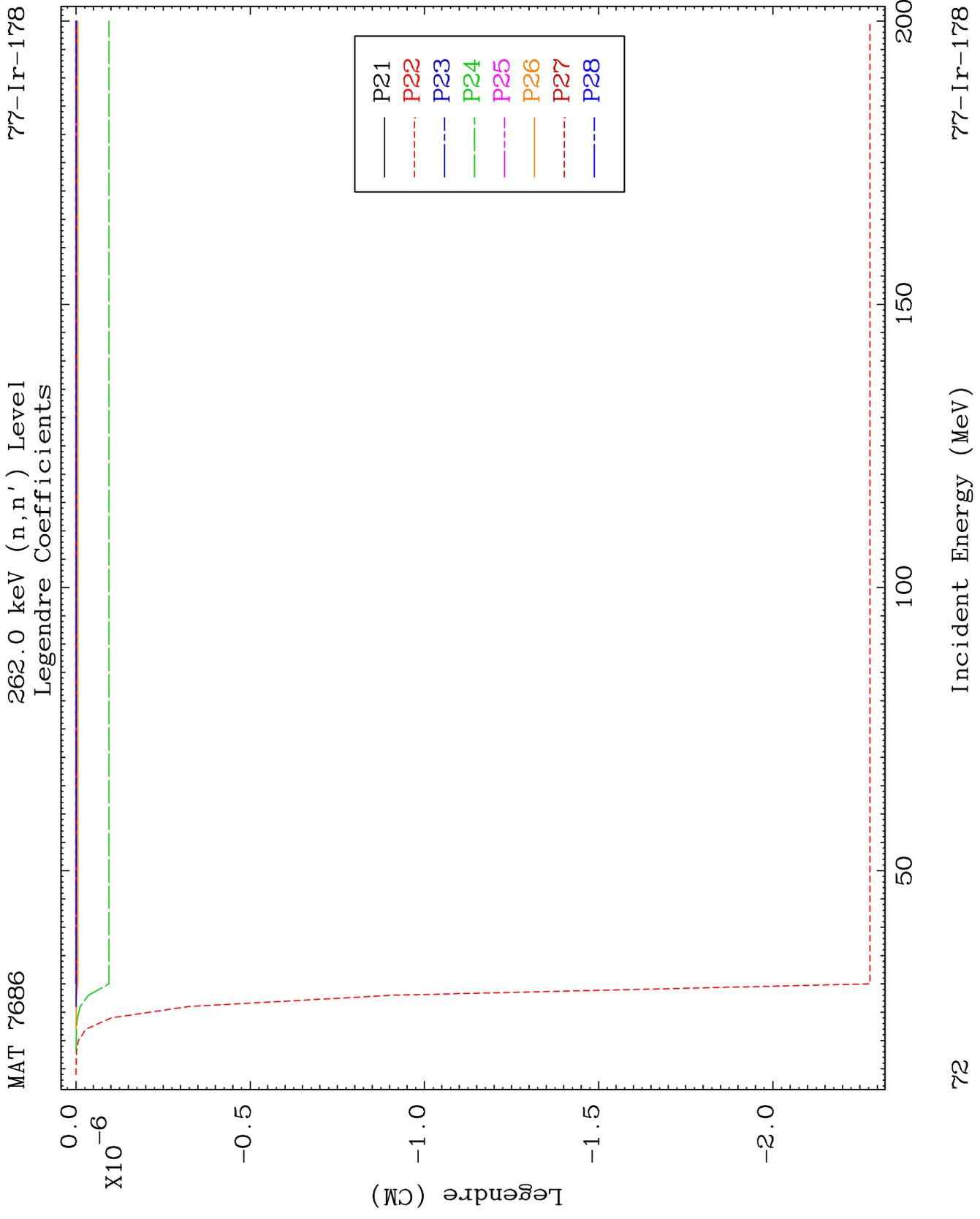
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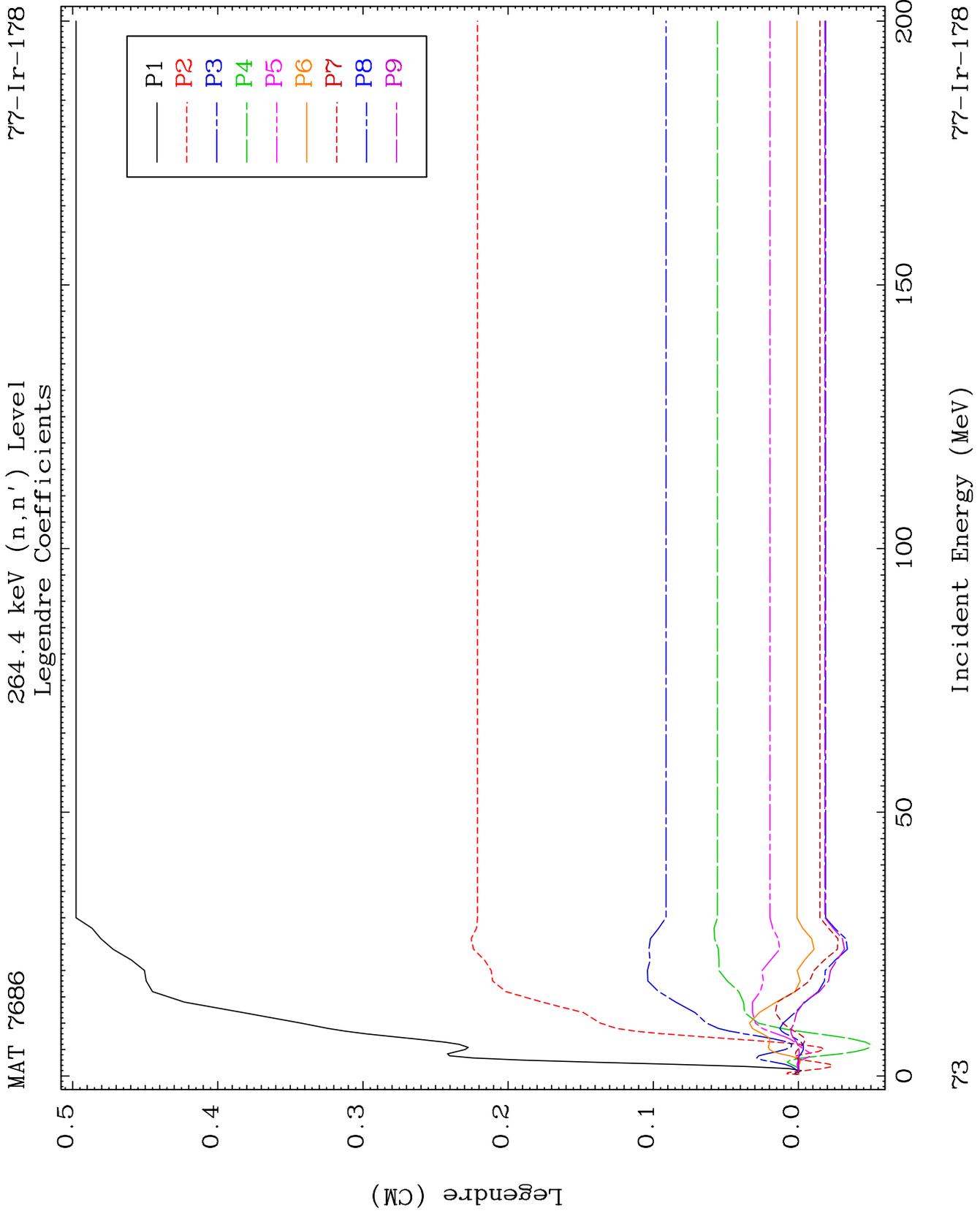








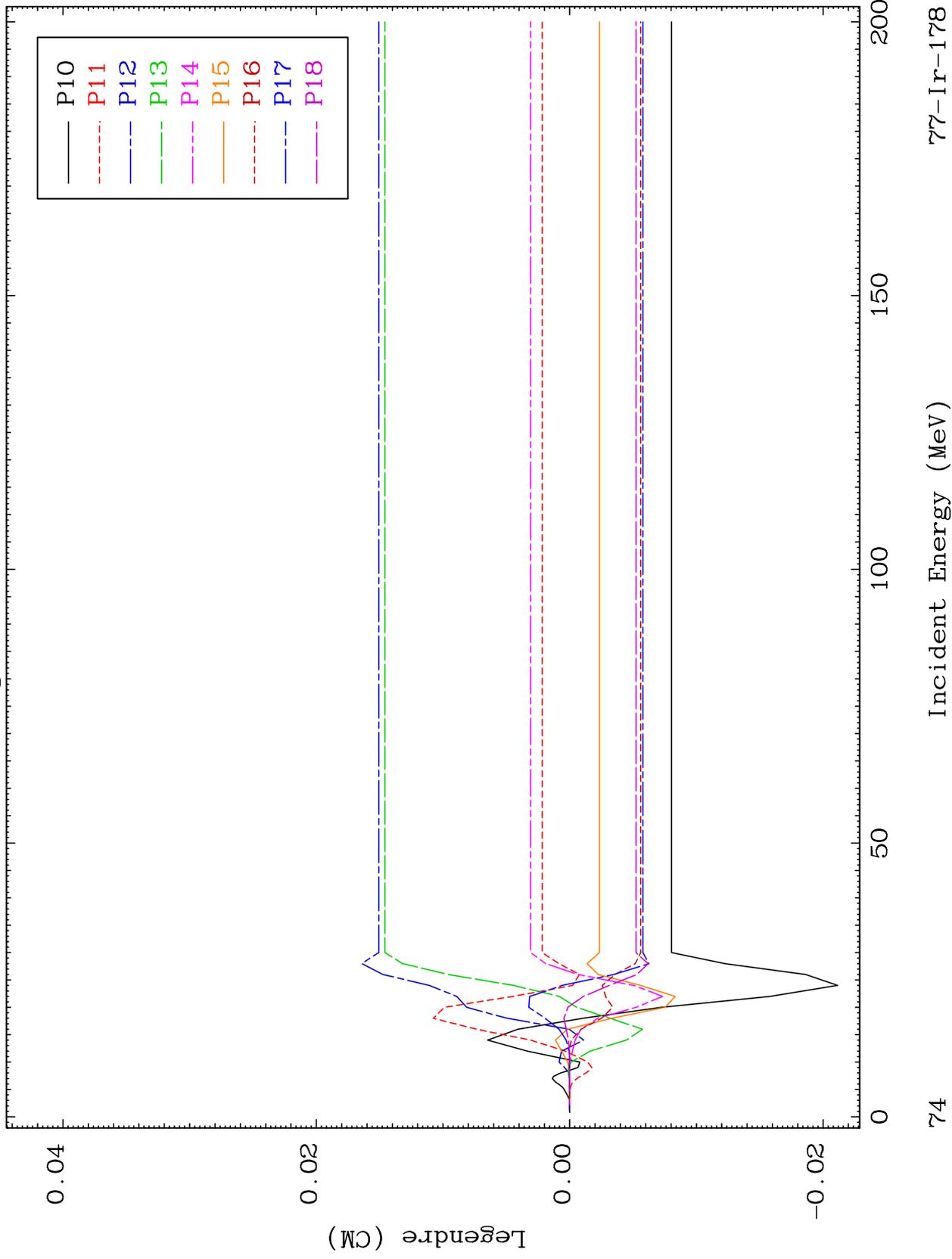




MAT 7686

264.4 keV (n,n') Level
Legendre Coefficients

⁷⁷Ir-178



⁷⁷Ir-178

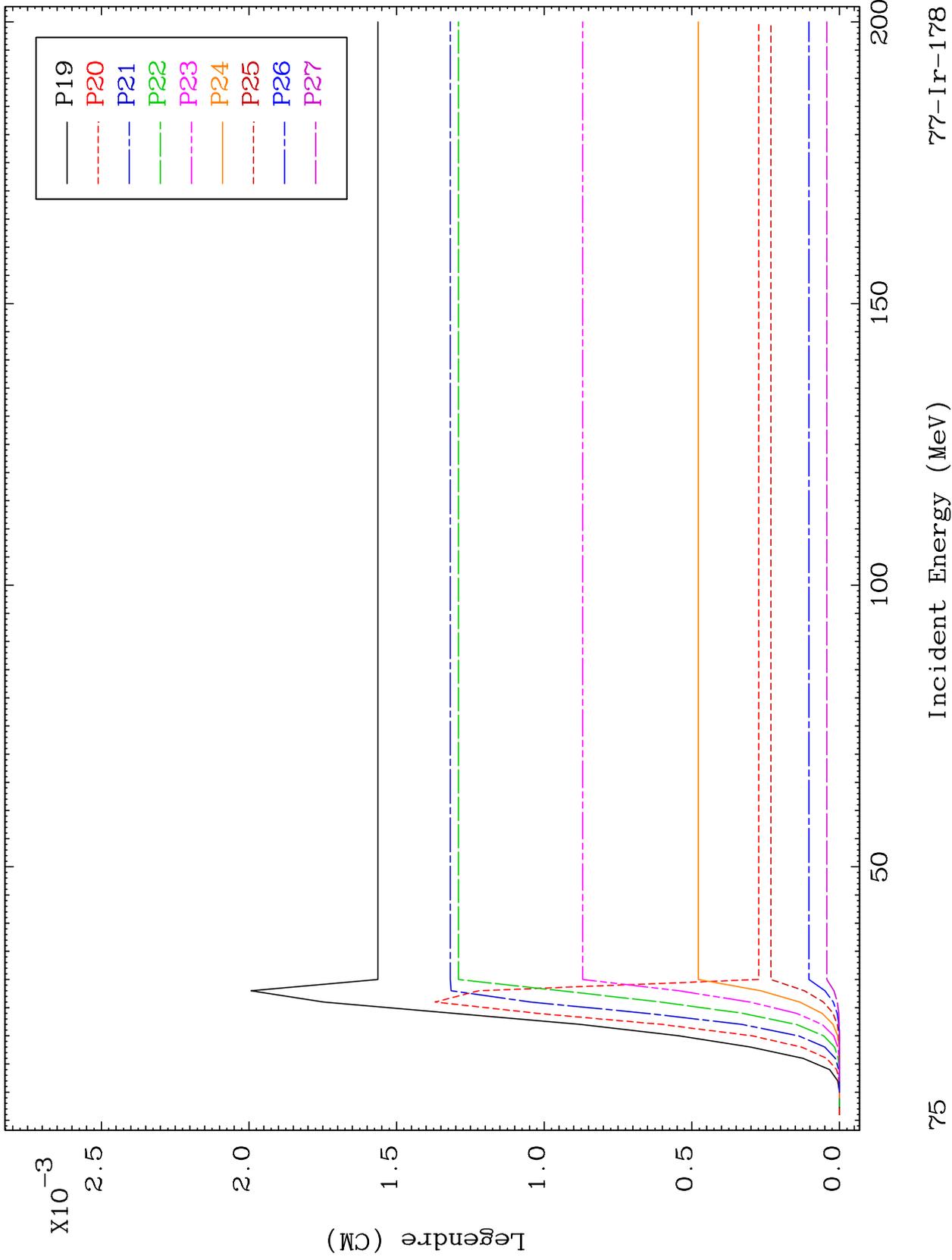
Incident Energy (MeV)

74

MAT 7686

264.4 keV (n,n') Level
Legendre Coefficients

77-Ir-178



75

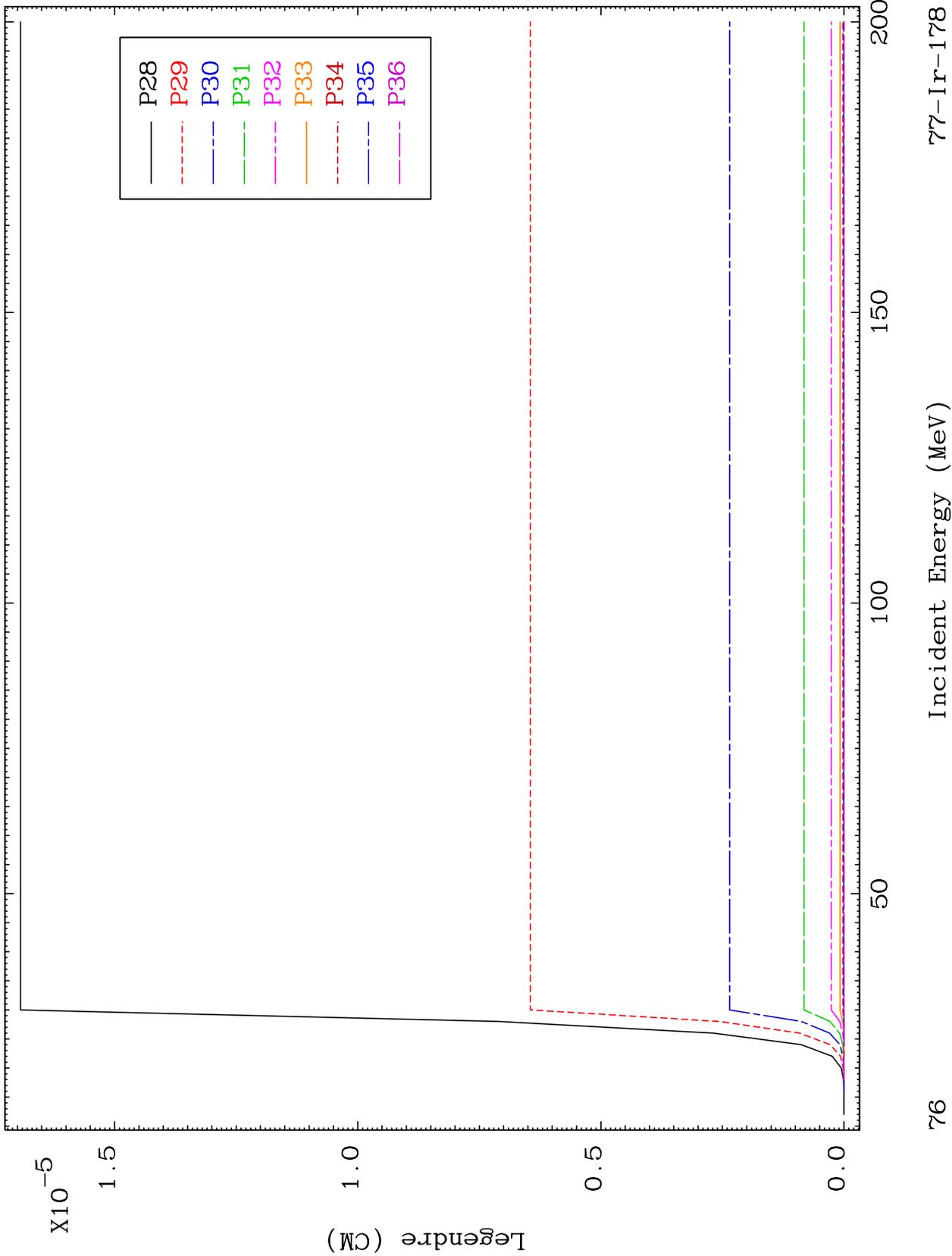
Incident Energy (MeV)

77-Ir-178

MAT 7686

264.4 keV (n,n') Level
Legendre Coefficients

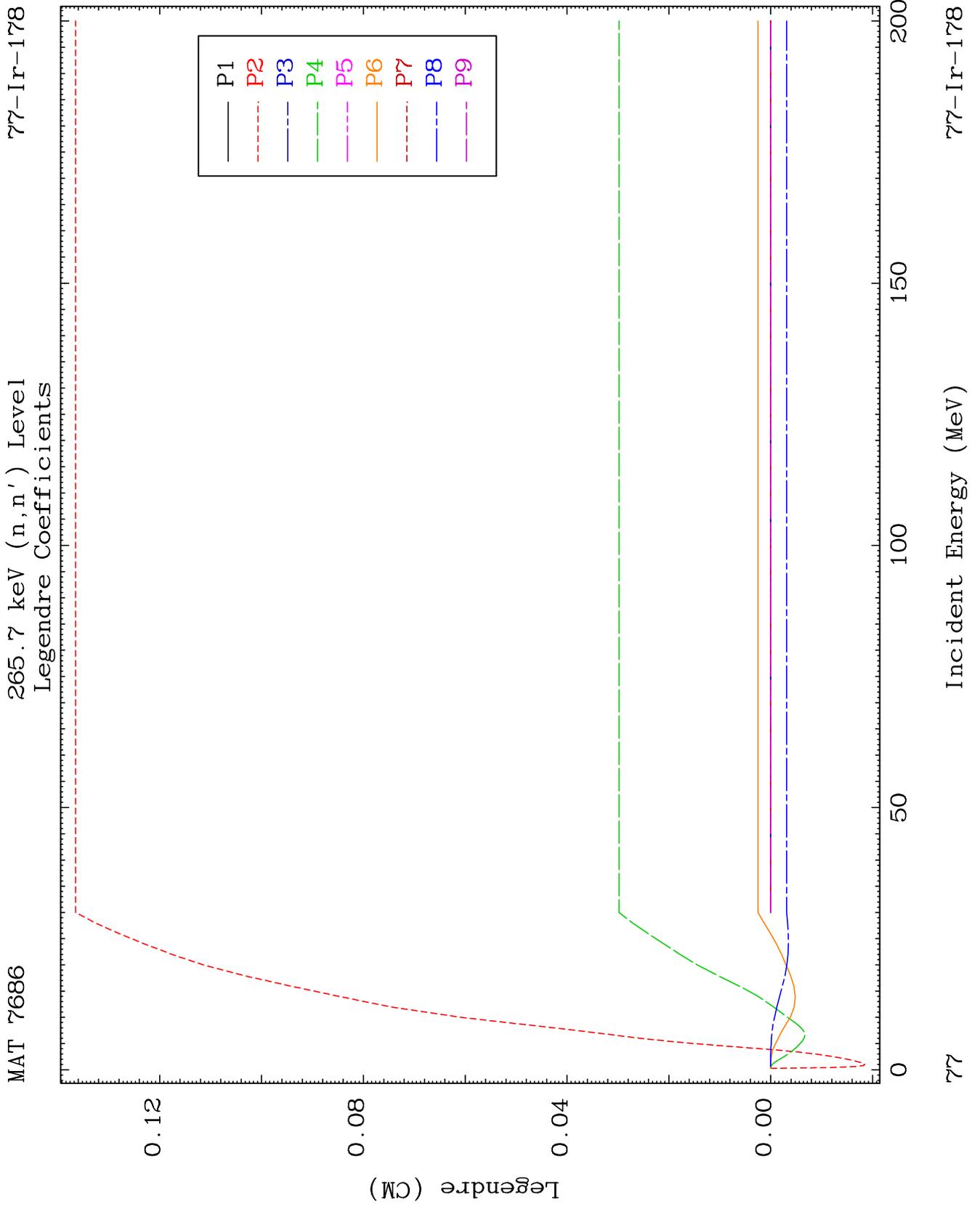
77-Ir-178

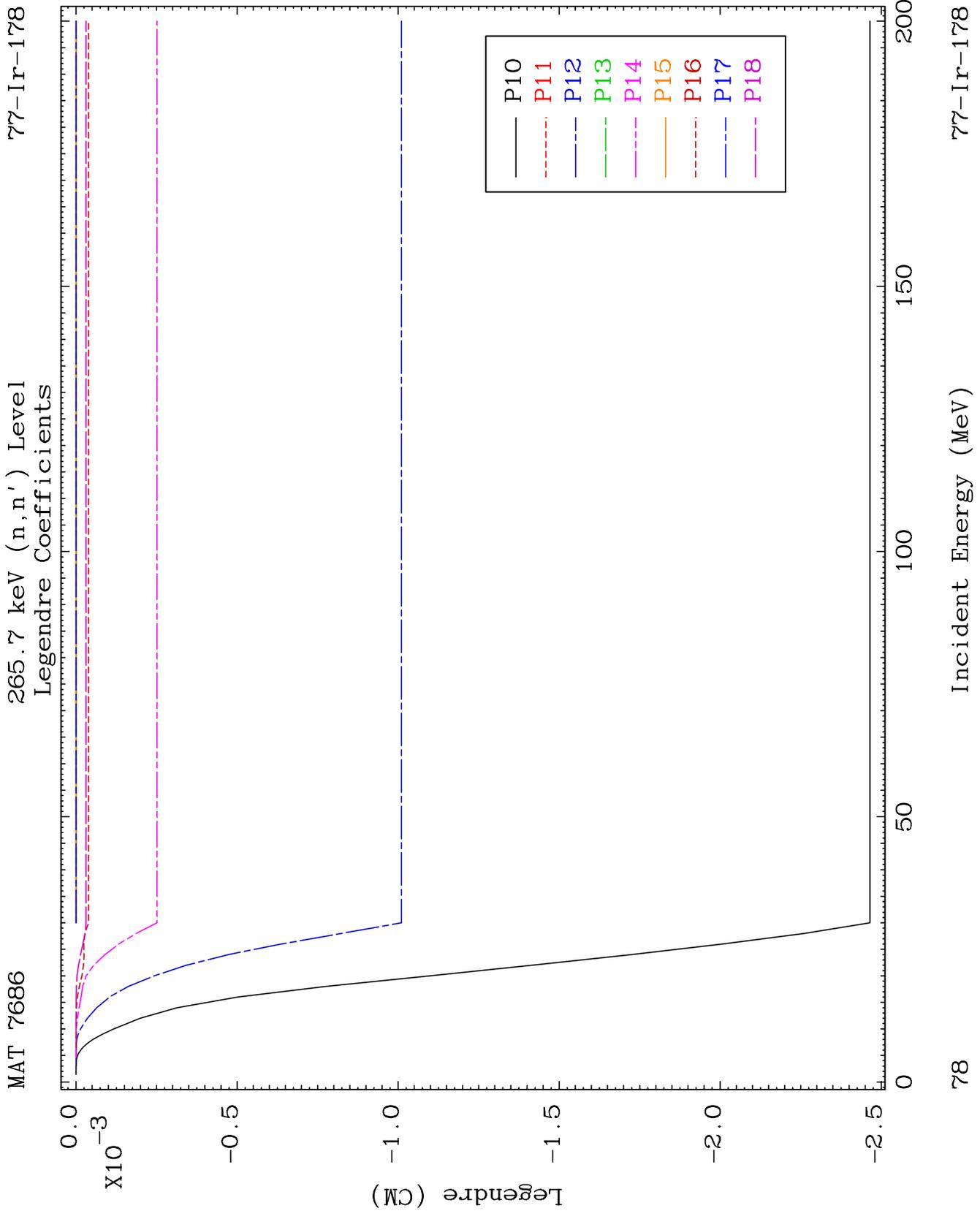


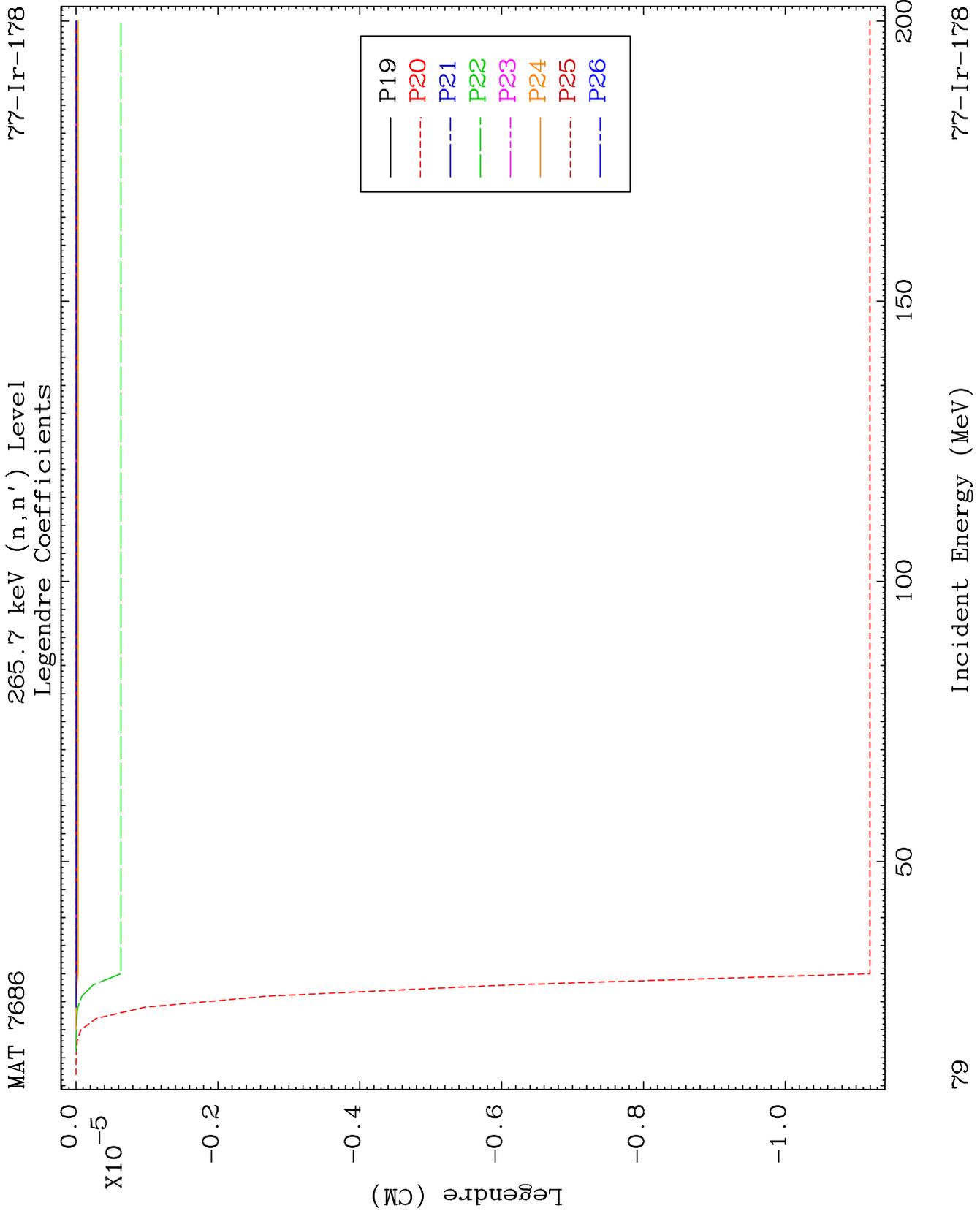
76

Incident Energy (MeV)

77-Ir-178



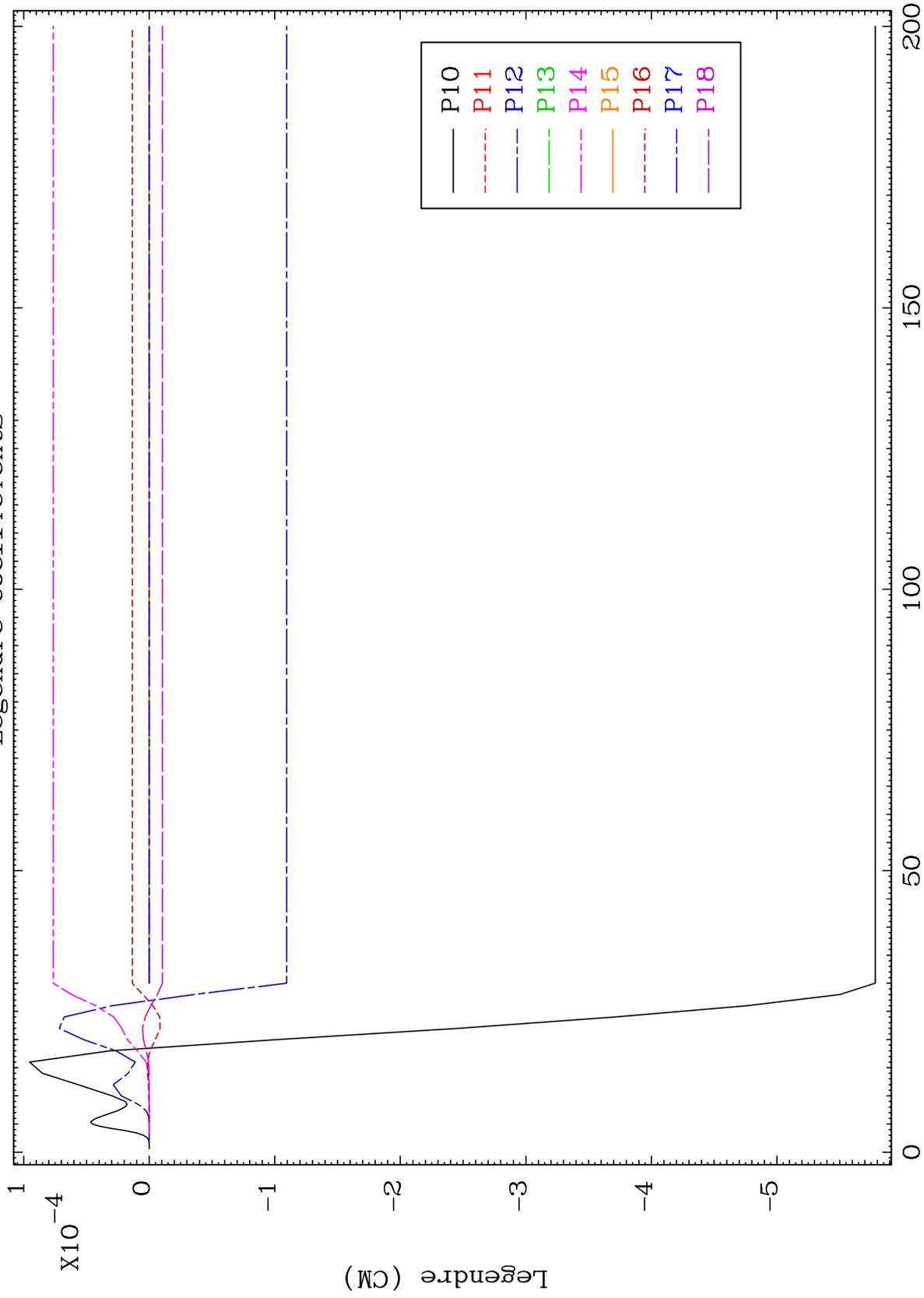




MAT 7686

285.7 keV (n,n') Level
Legendre Coefficients

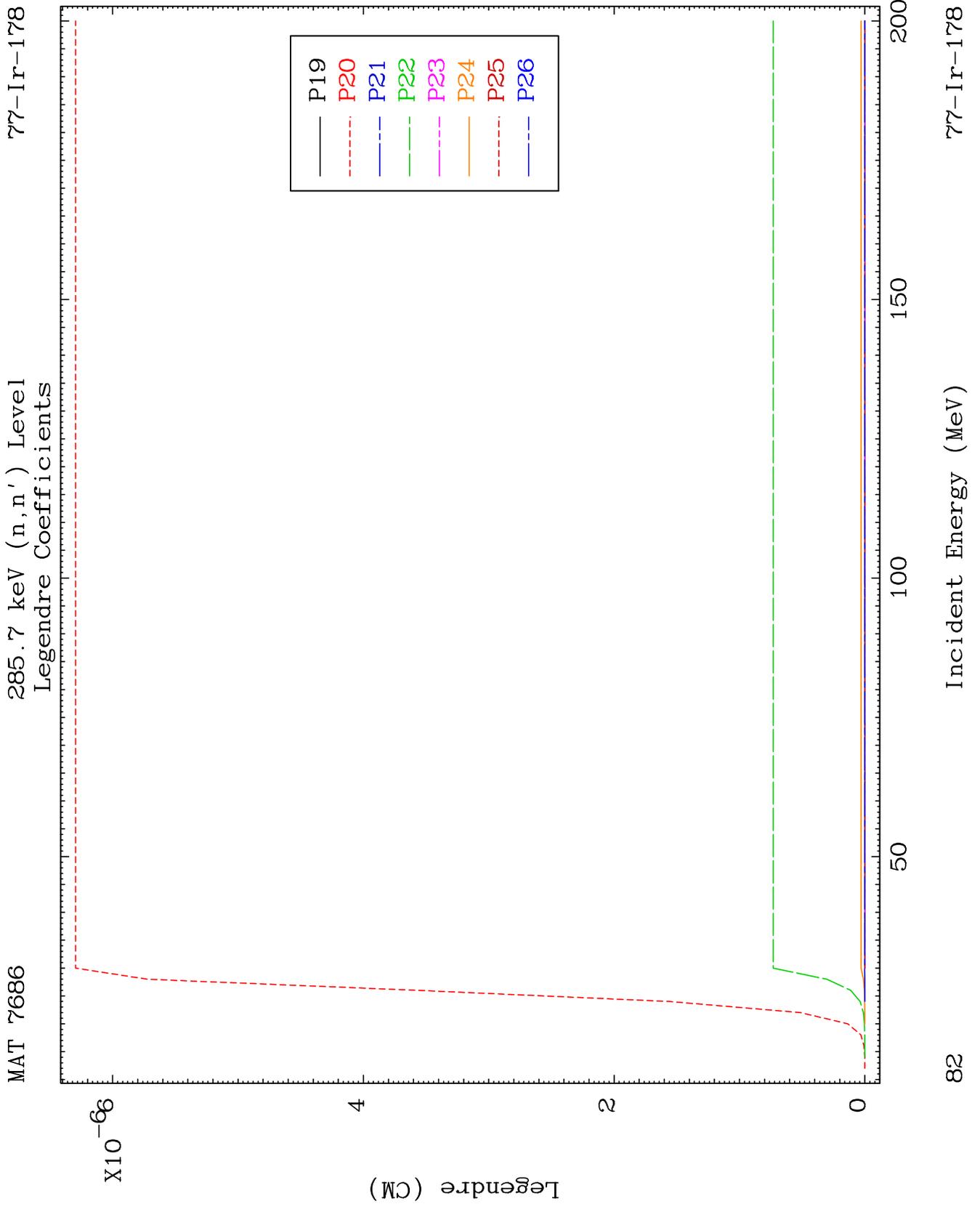
77-Ir-178



81

Incident Energy (MeV)

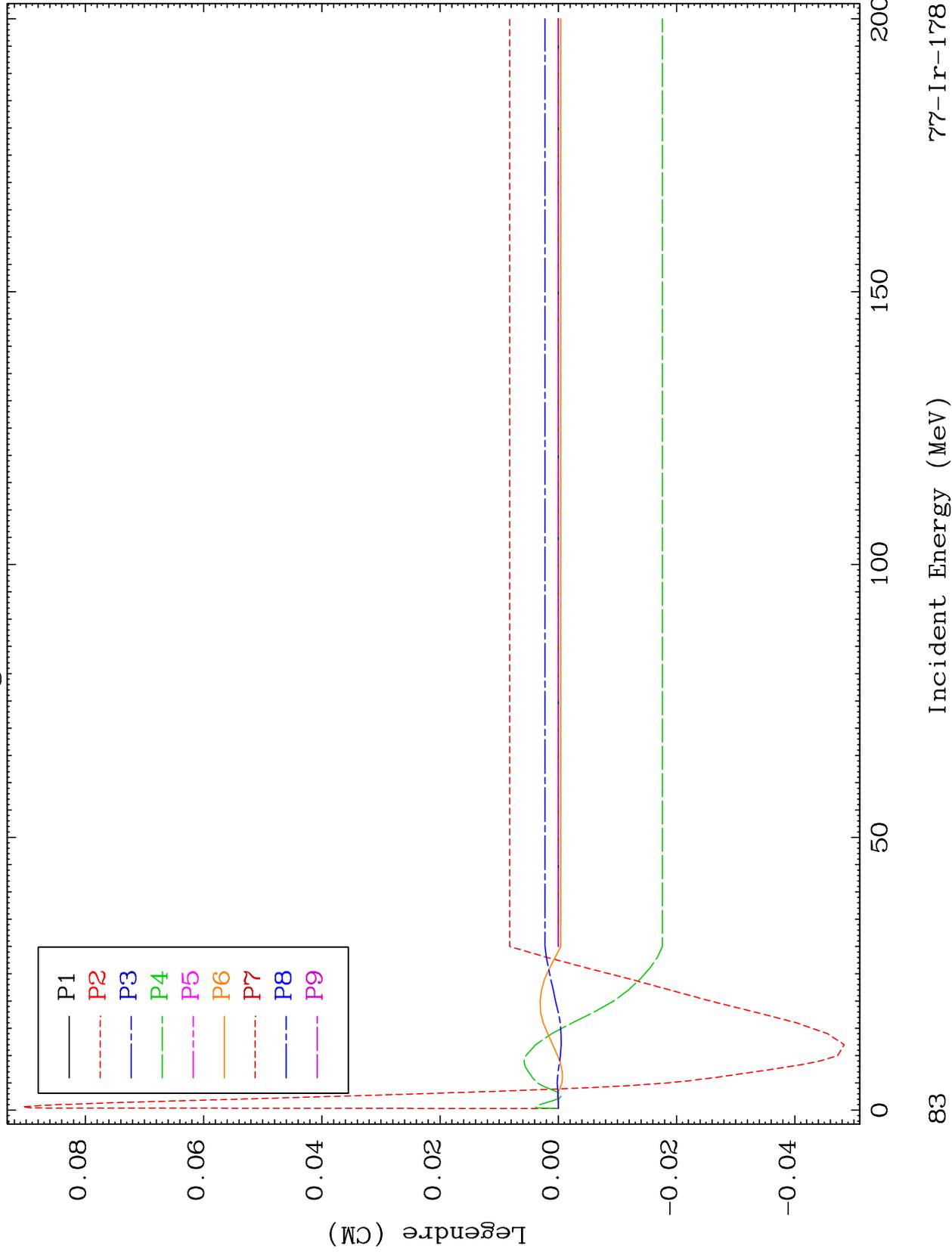
77-Ir-178



MAT 7686

291.9 keV (n,n') Level
Legendre Coefficients

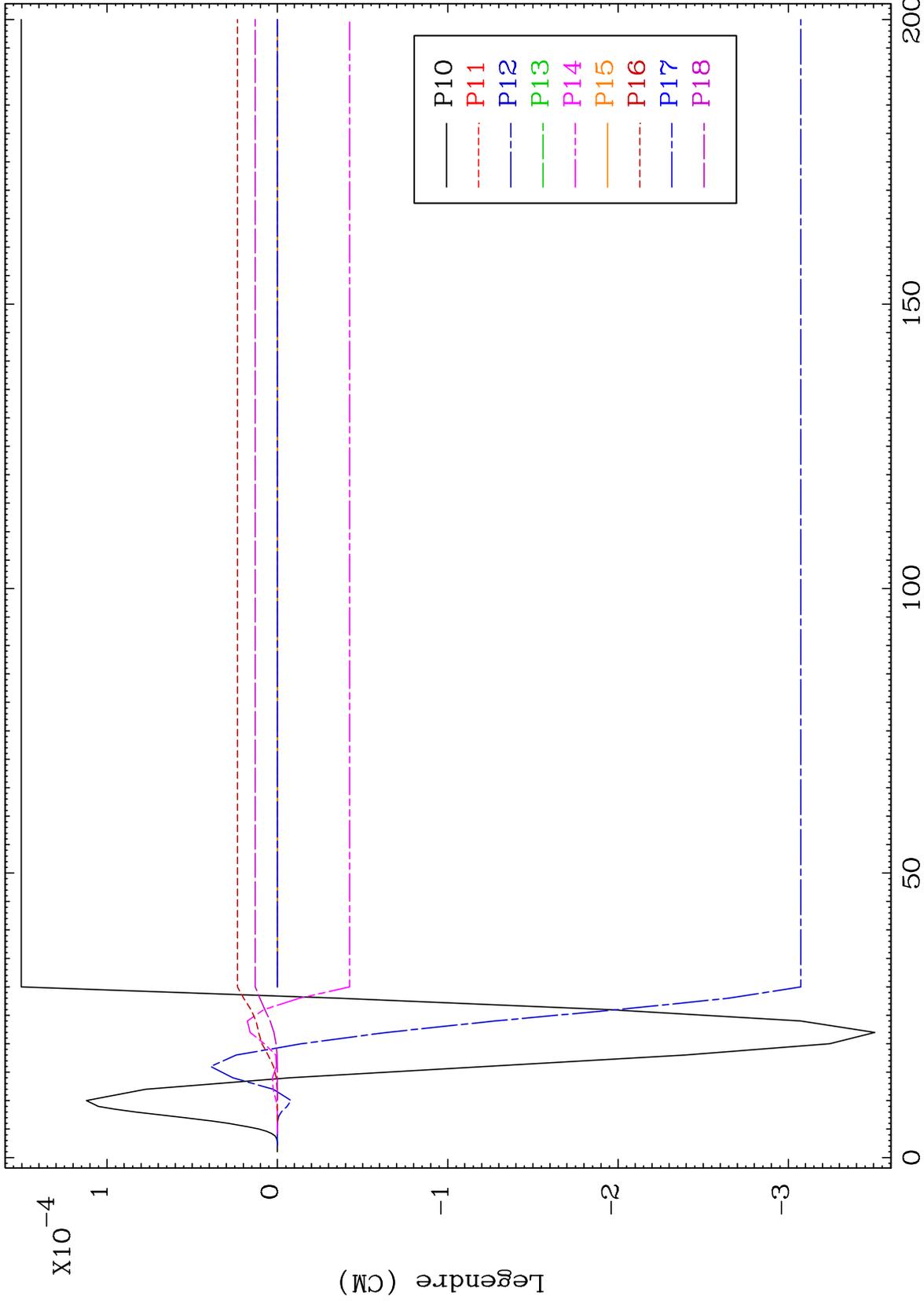
⁷⁷Ir-178

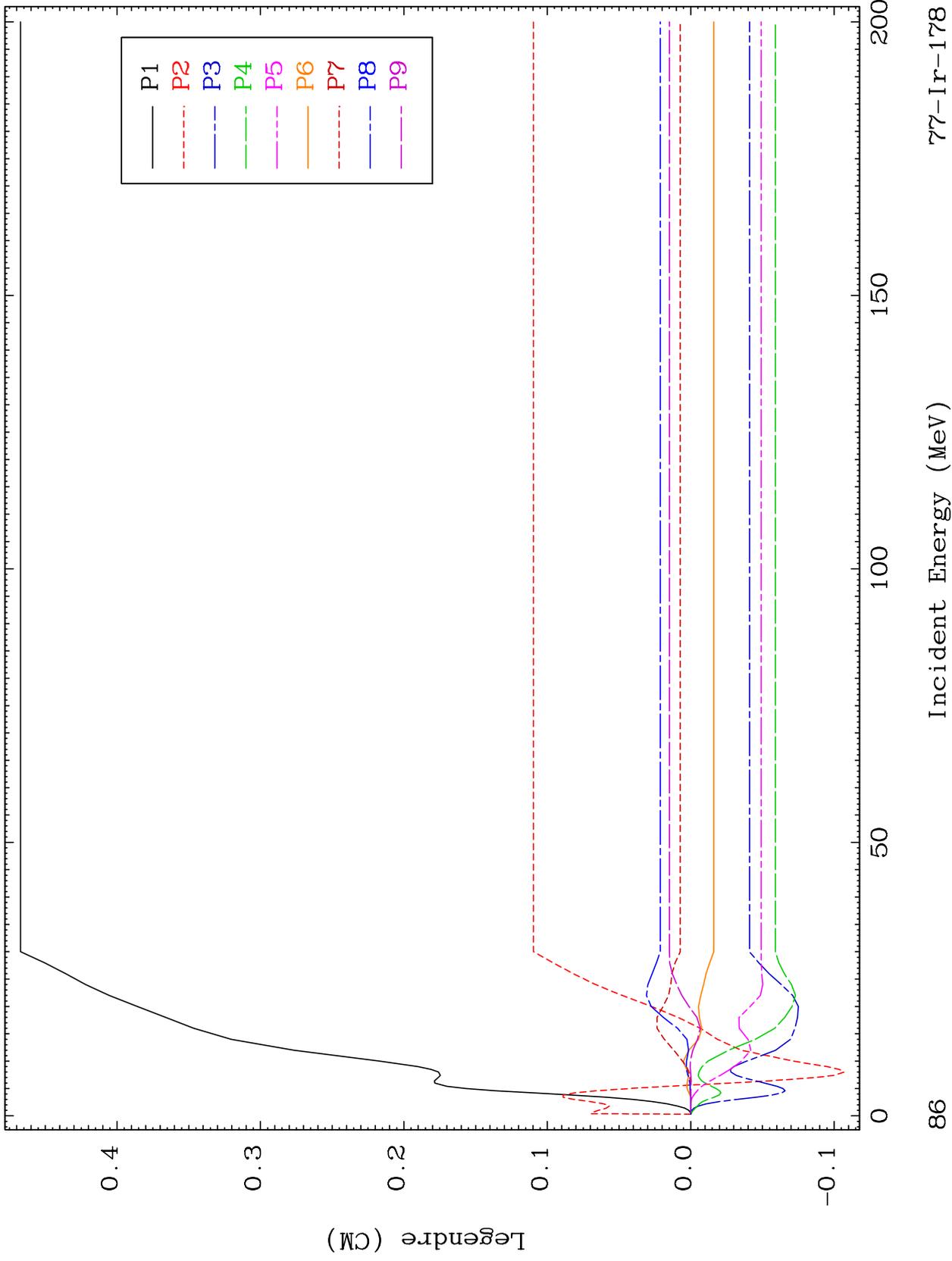


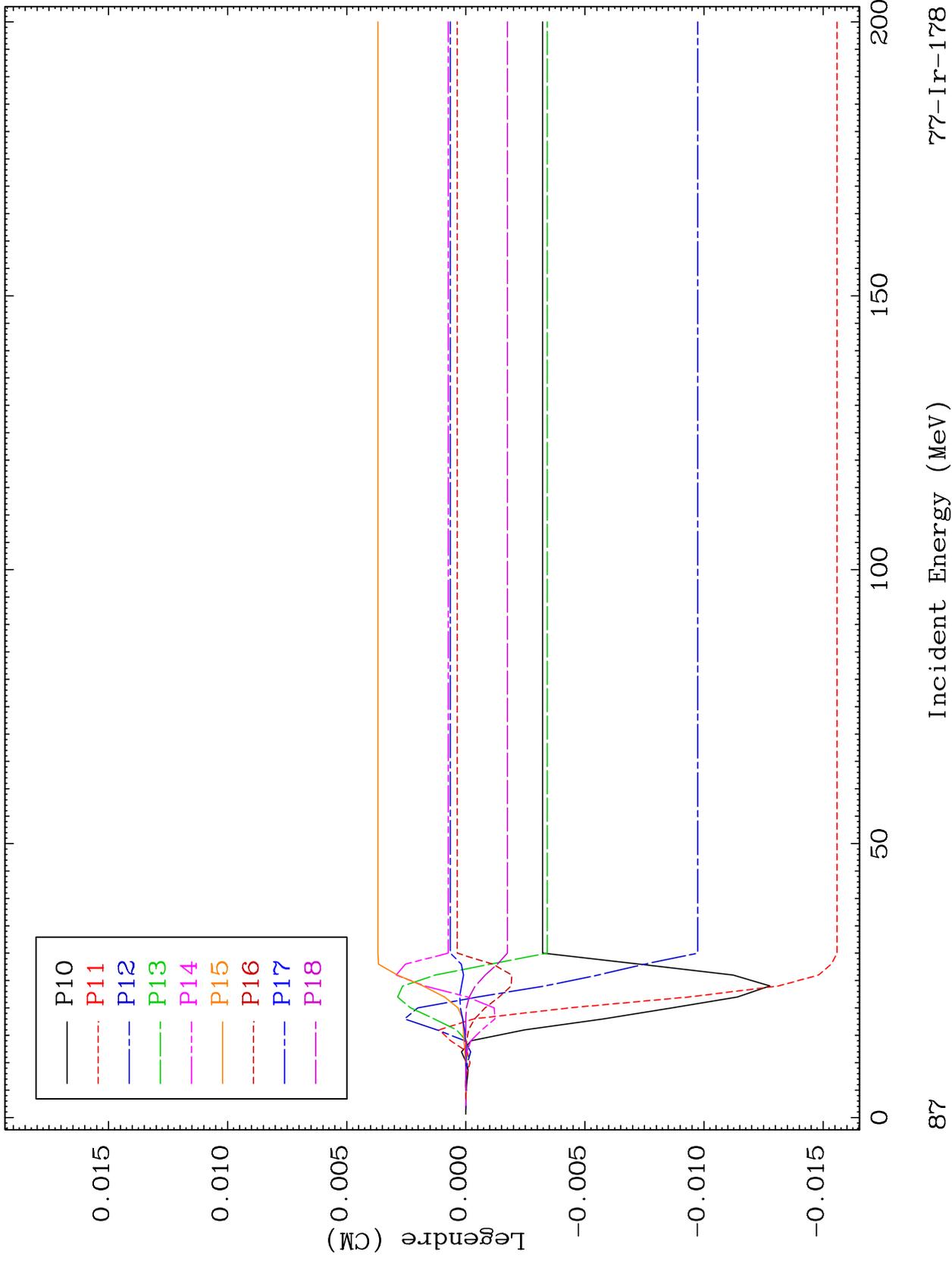
83

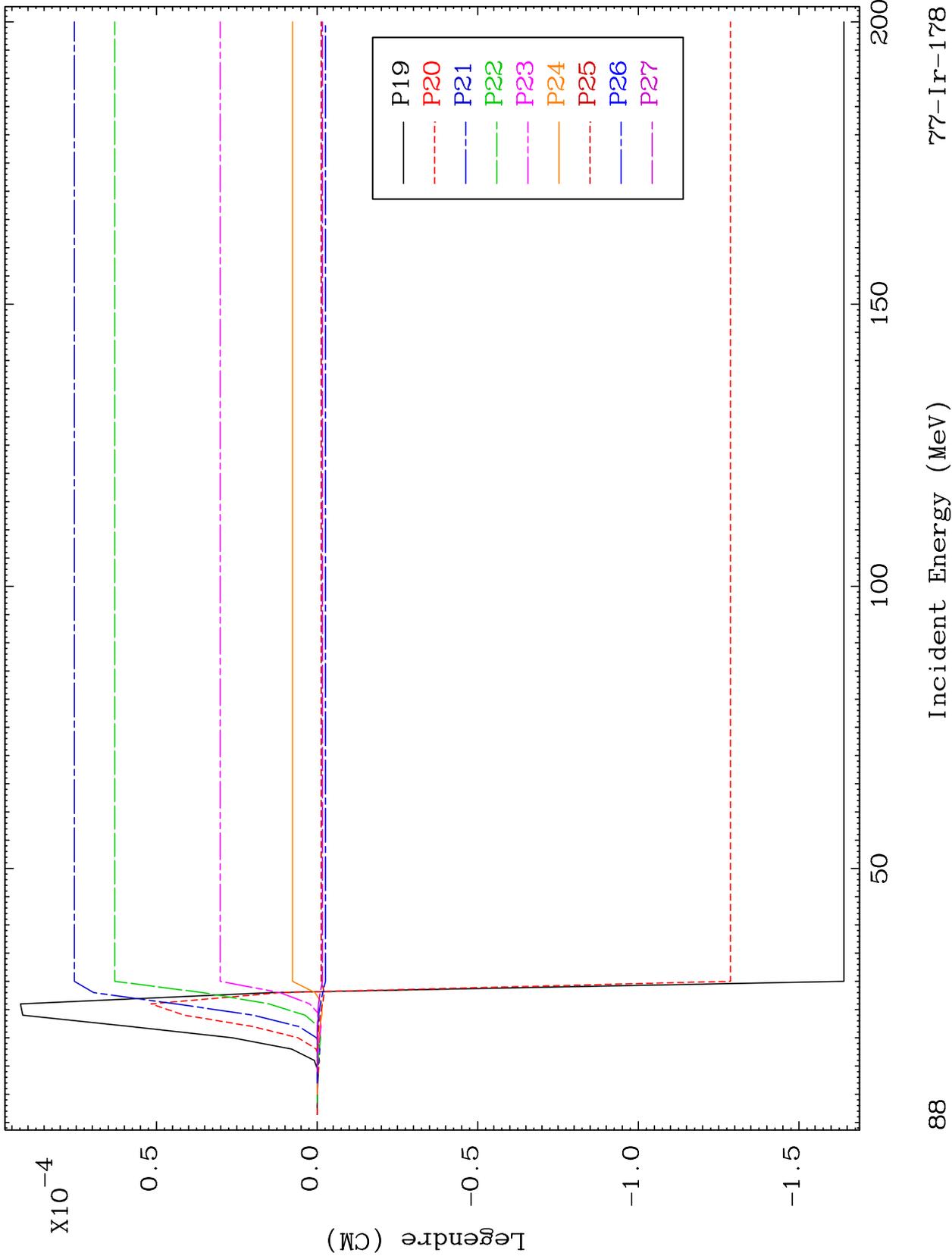
Incident Energy (MeV)

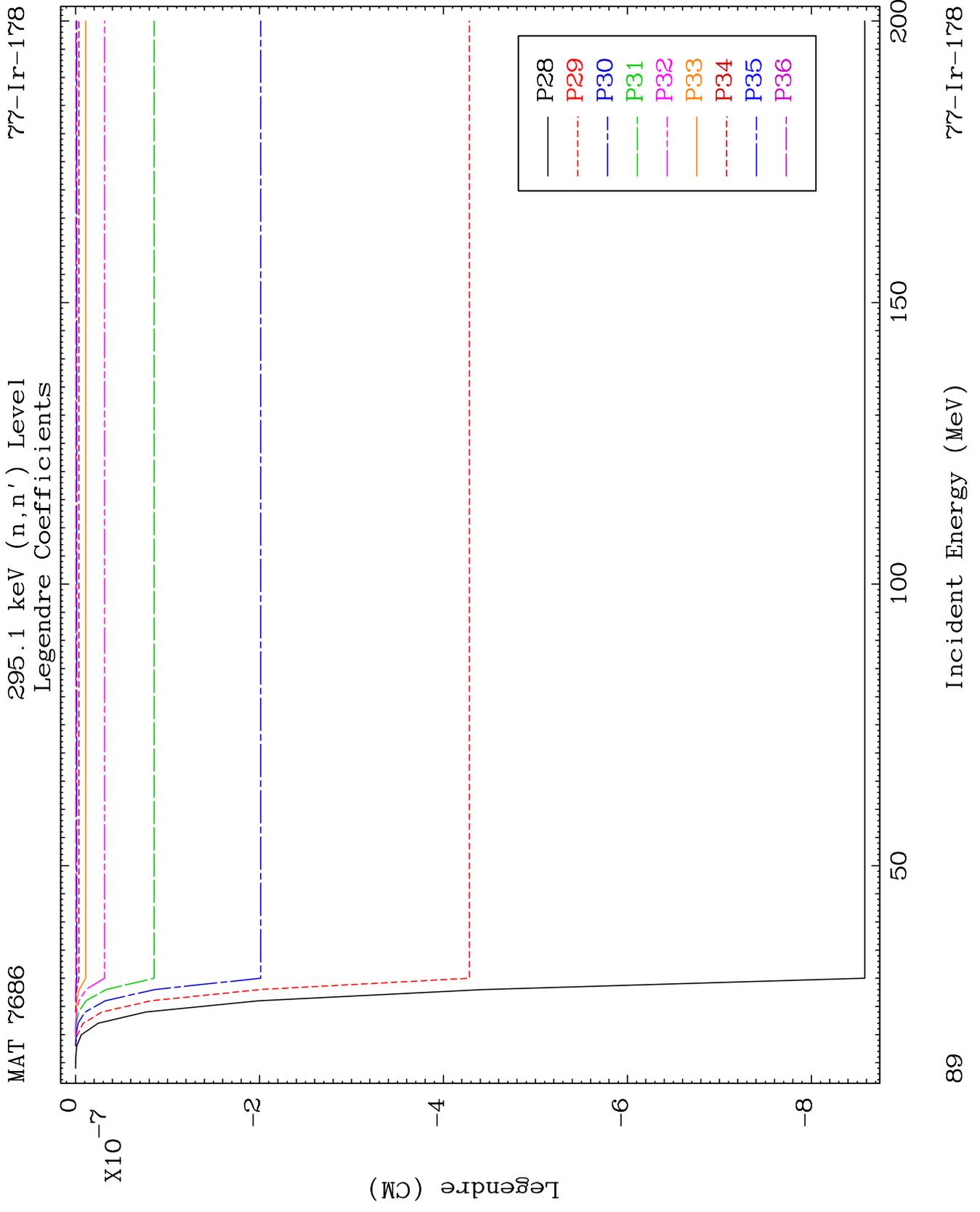
⁷⁷Ir-178







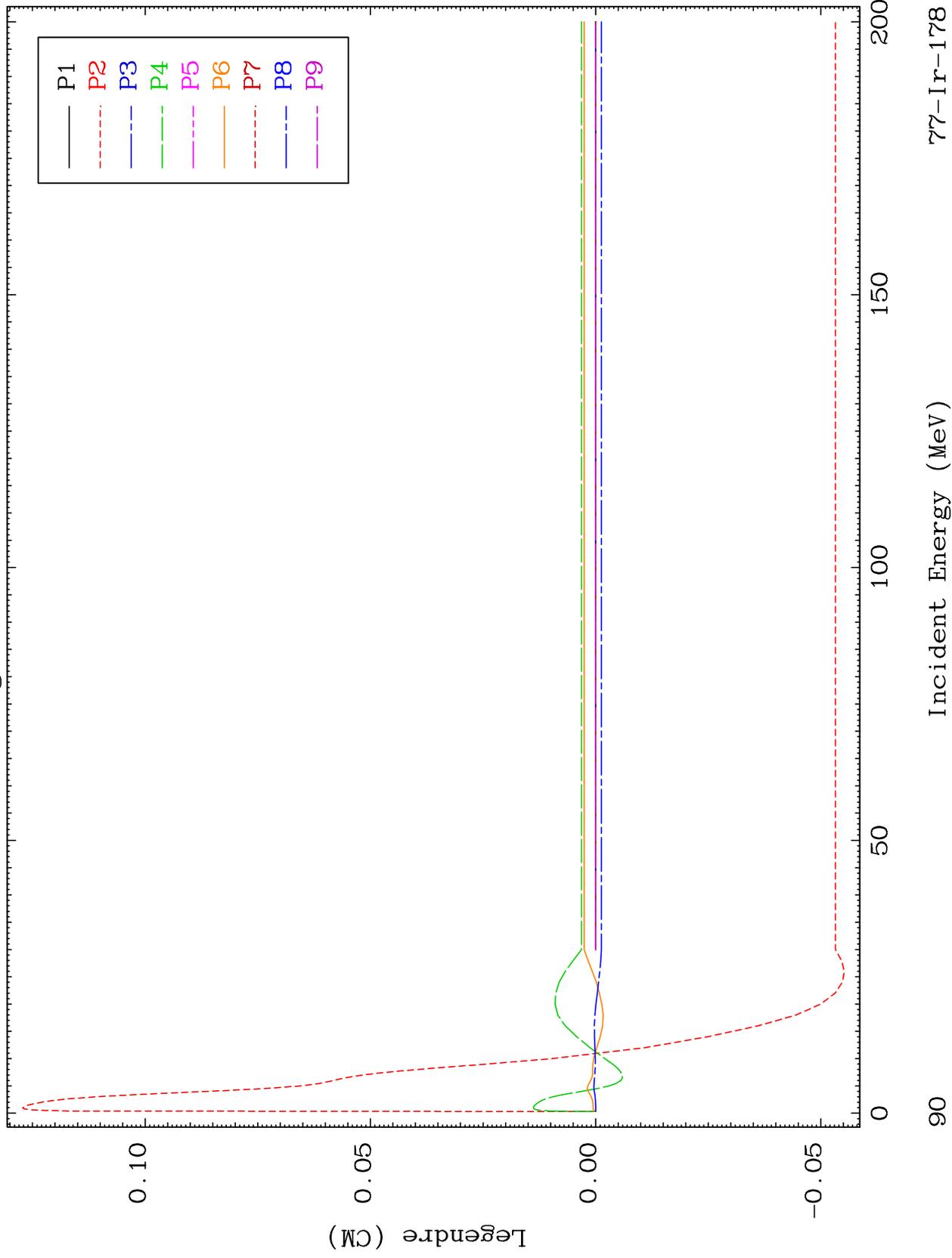




MAT 7686

297.2 keV (n,n') Level
Legendre Coefficients

77-Ir-178

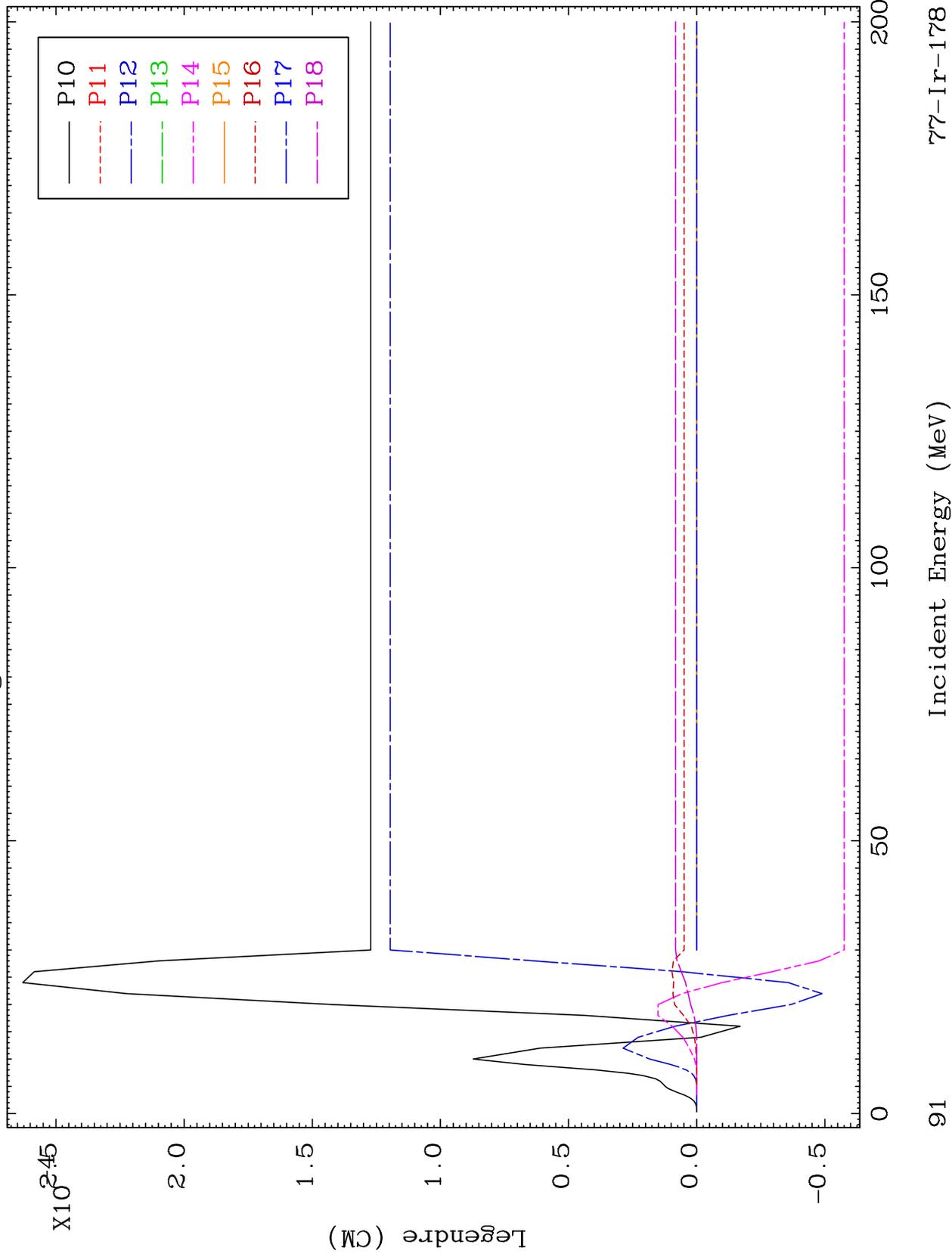


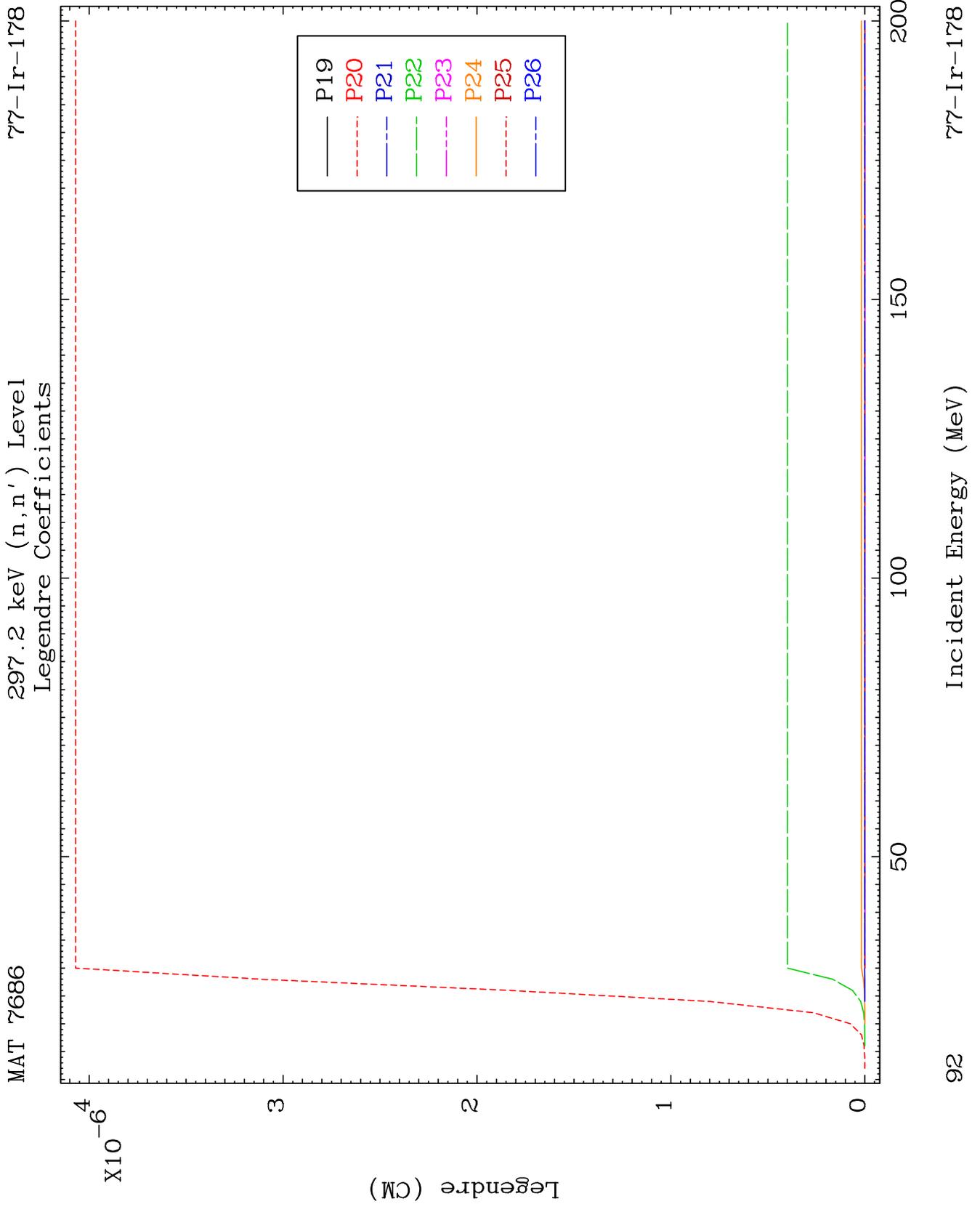
77-Ir-178

MAT 7686

297.2 keV (n,n') Level
Legendre Coefficients

⁷⁷Ir-178

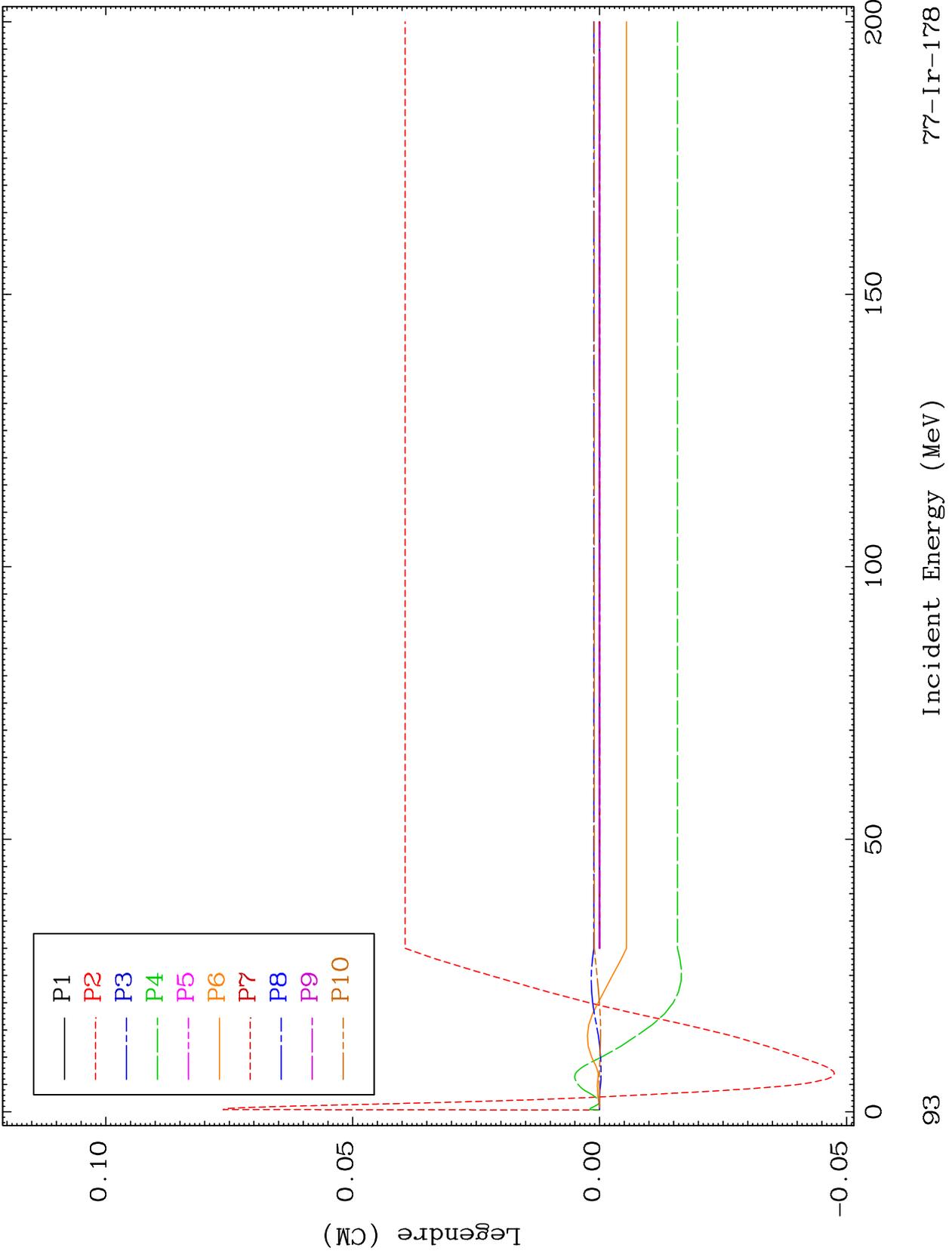




MAT 7686

308.1 keV (n,n') Level
Legendre Coefficients

77-Ir-178



77-Ir-178

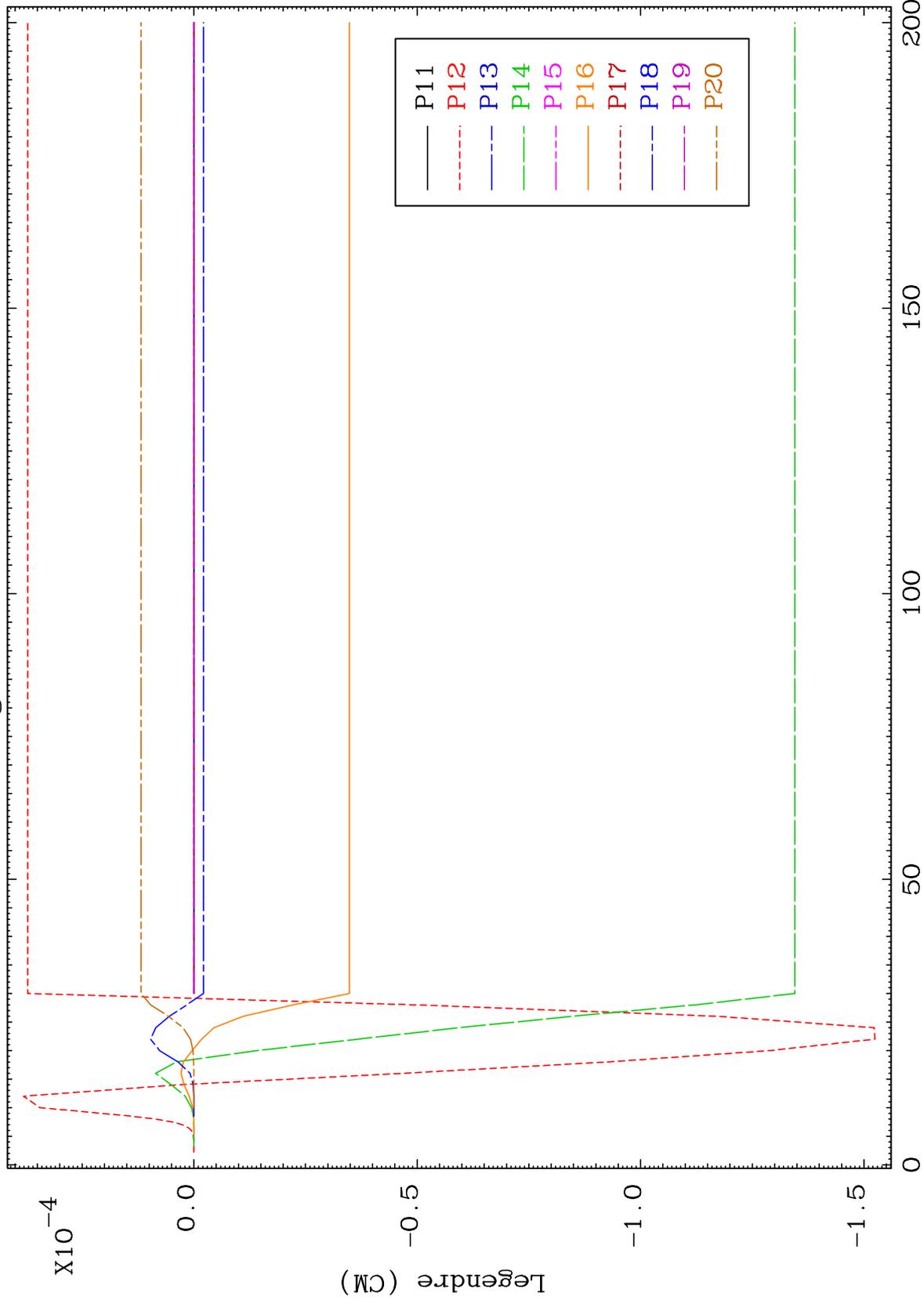
Incident Energy (MeV)

93

MAT 7686

308.1 keV (n,n') Level
Legendre Coefficients

77-Ir-178



94

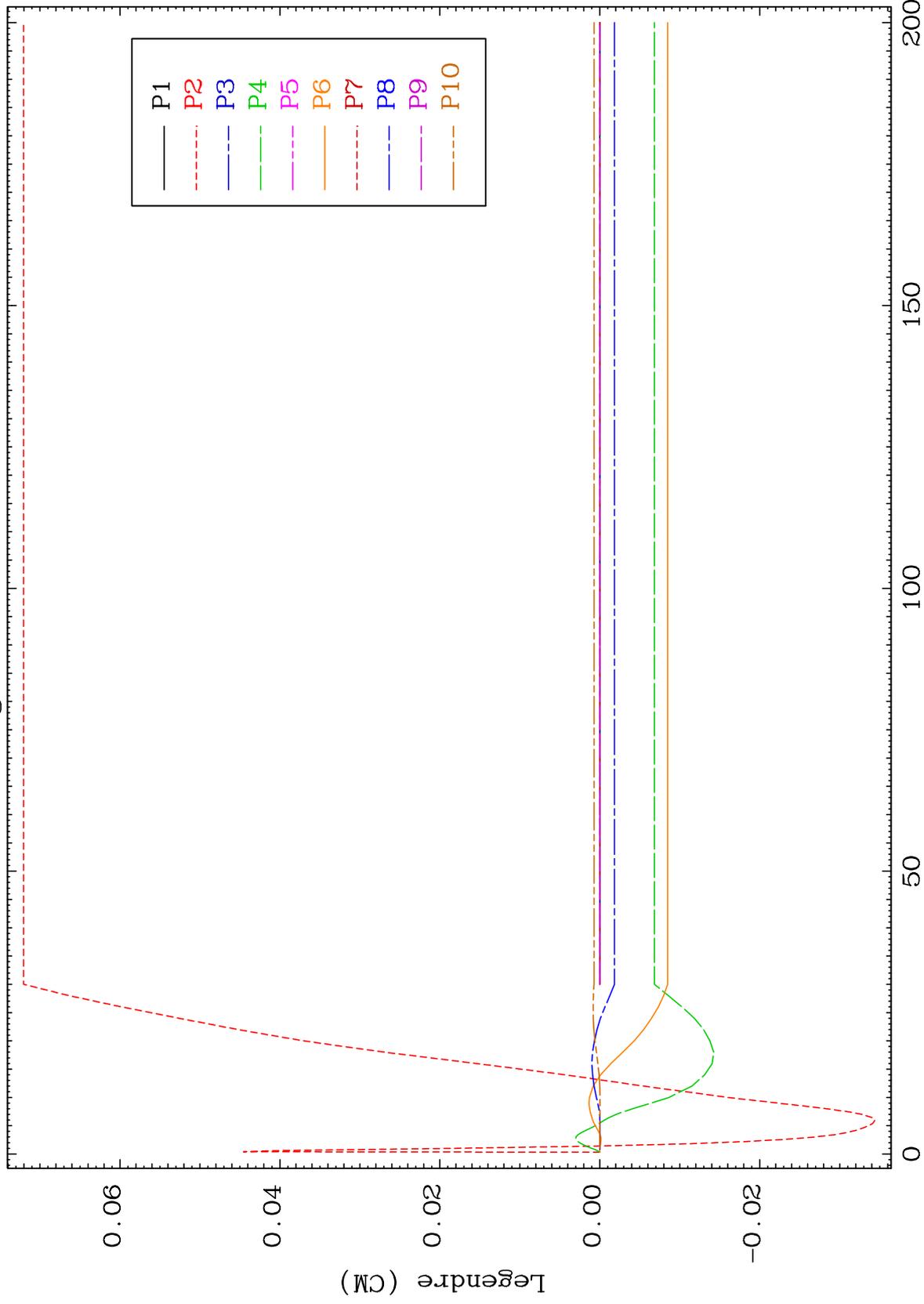
Incident Energy (MeV)

77-Ir-178

MAT 7686

313.3 keV (n,n') Level
Legendre Coefficients

77-Ir-178



96

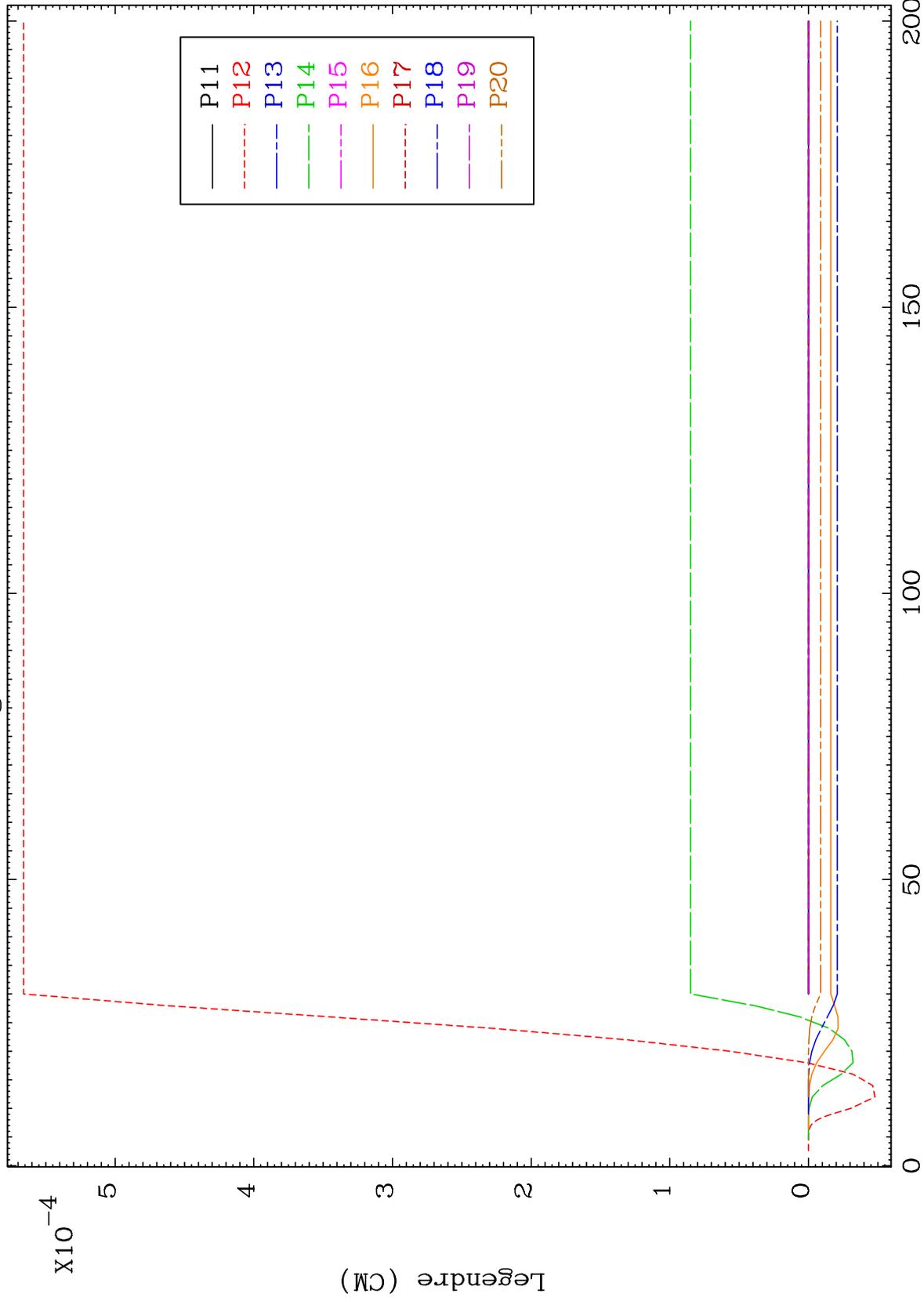
Incident Energy (MeV)

77-Ir-178

MAT 7686

313.3 keV (n,n') Level
Legendre Coefficients

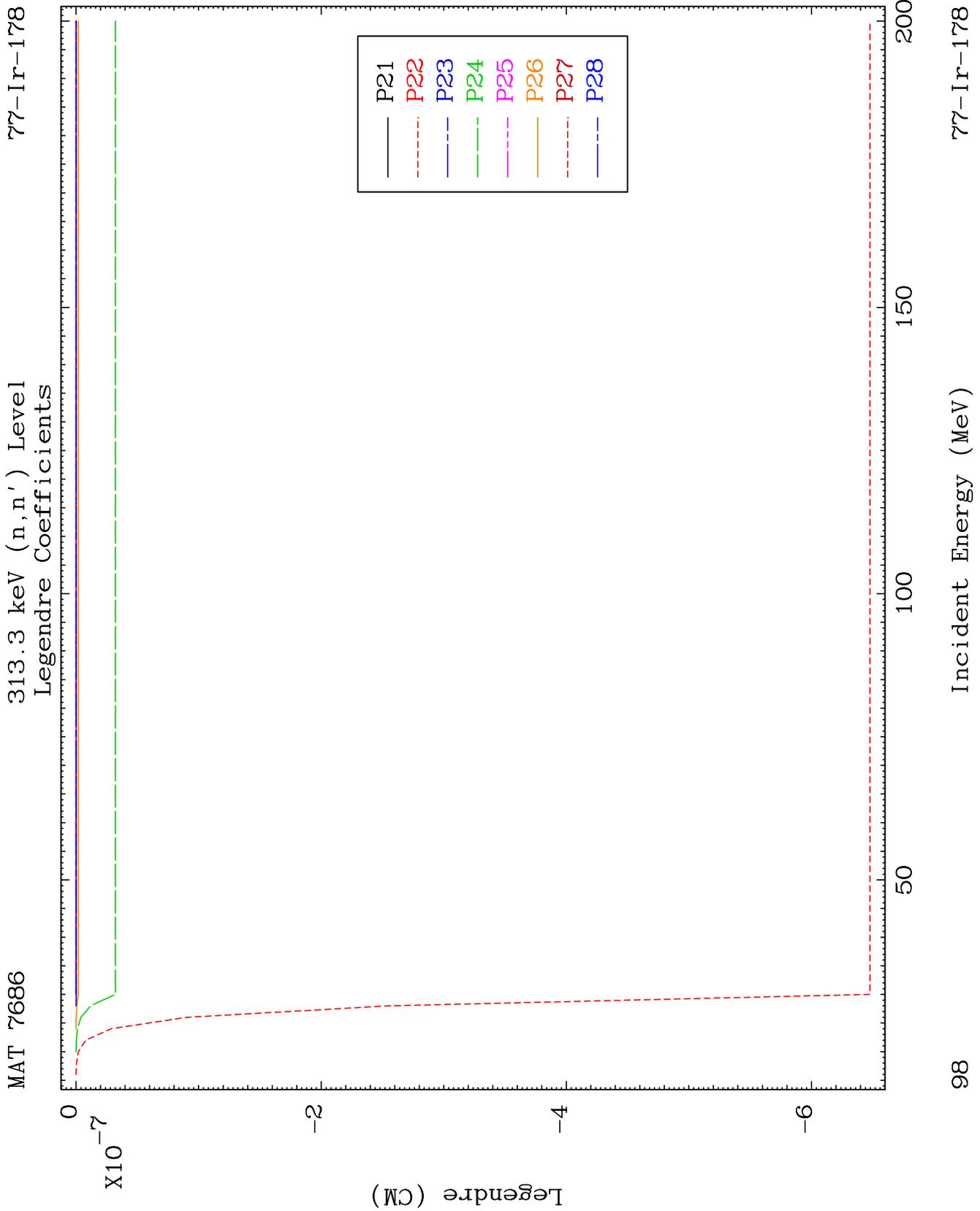
77-Ir-178



97

Incident Energy (MeV)

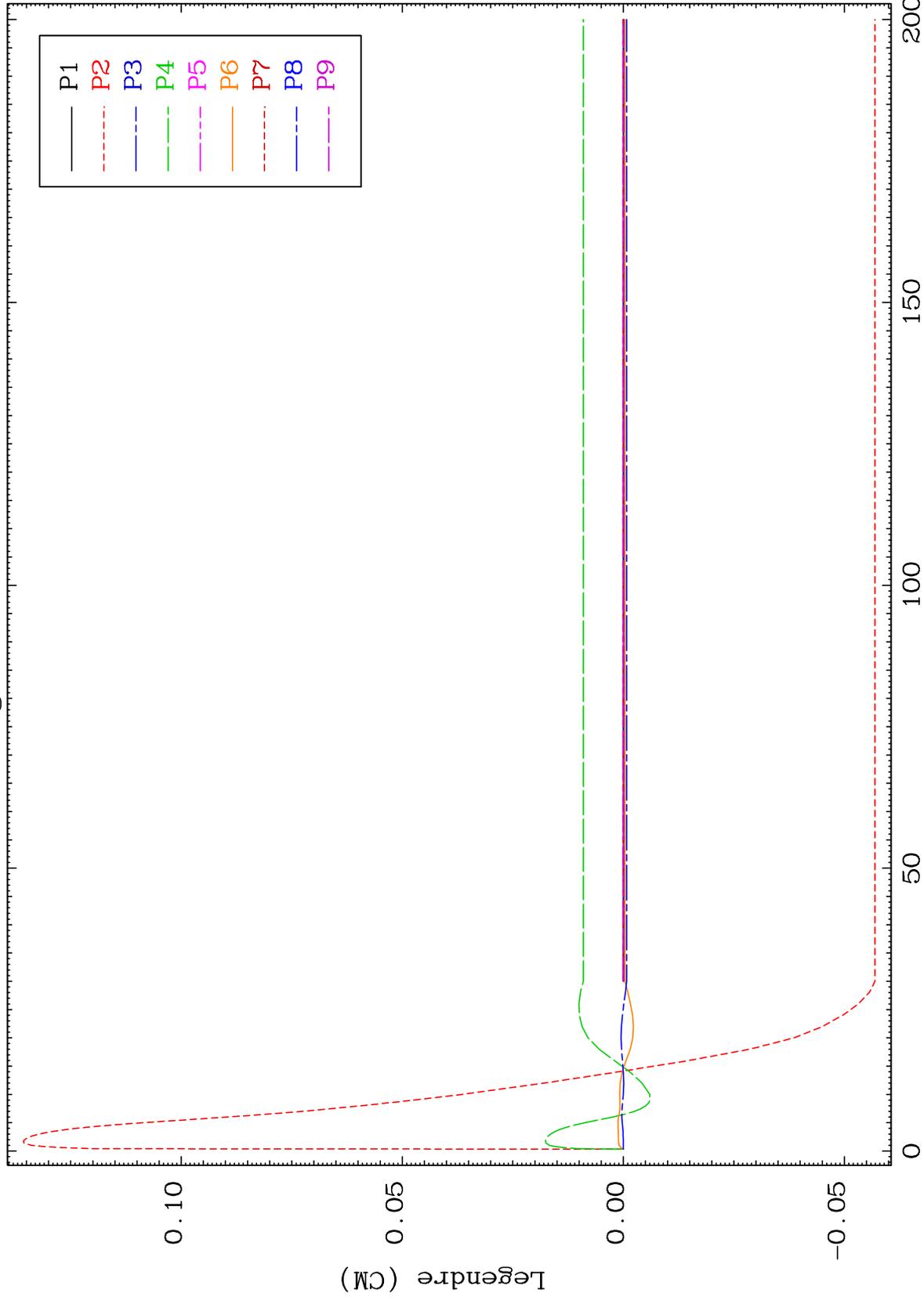
77-Ir-178



MAT 7686

317.5 keV (n,n') Level
Legendre Coefficients

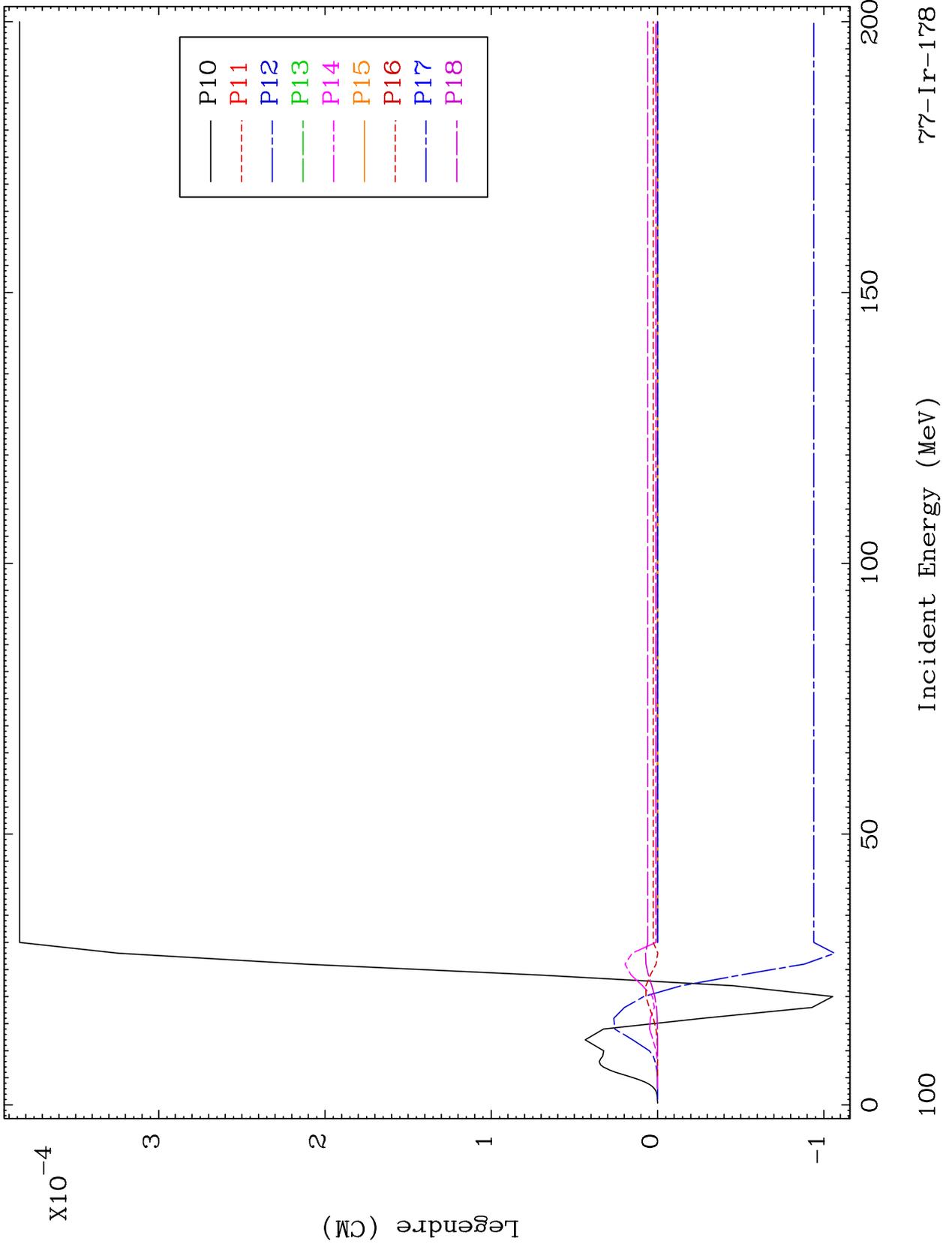
77-Ir-178

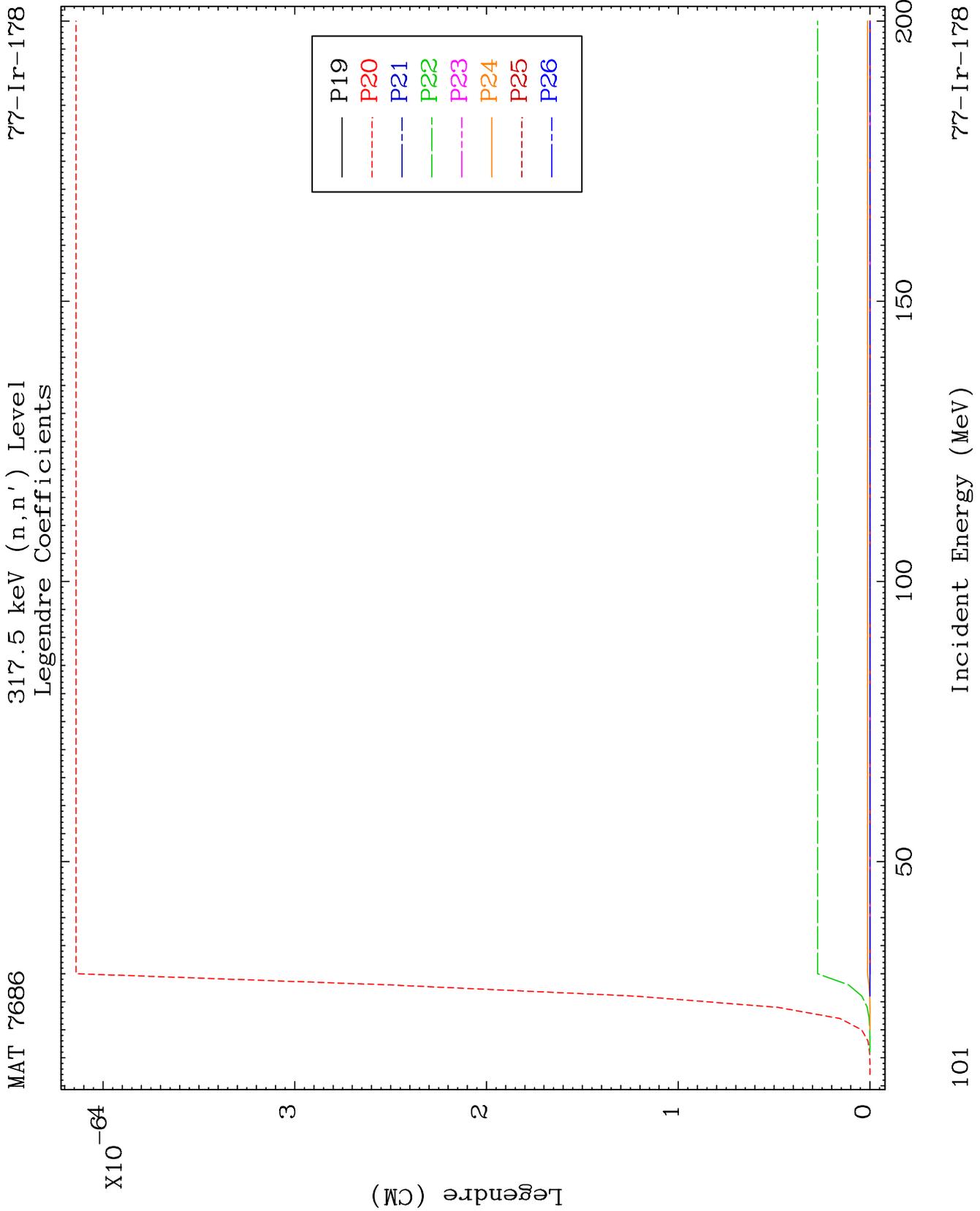


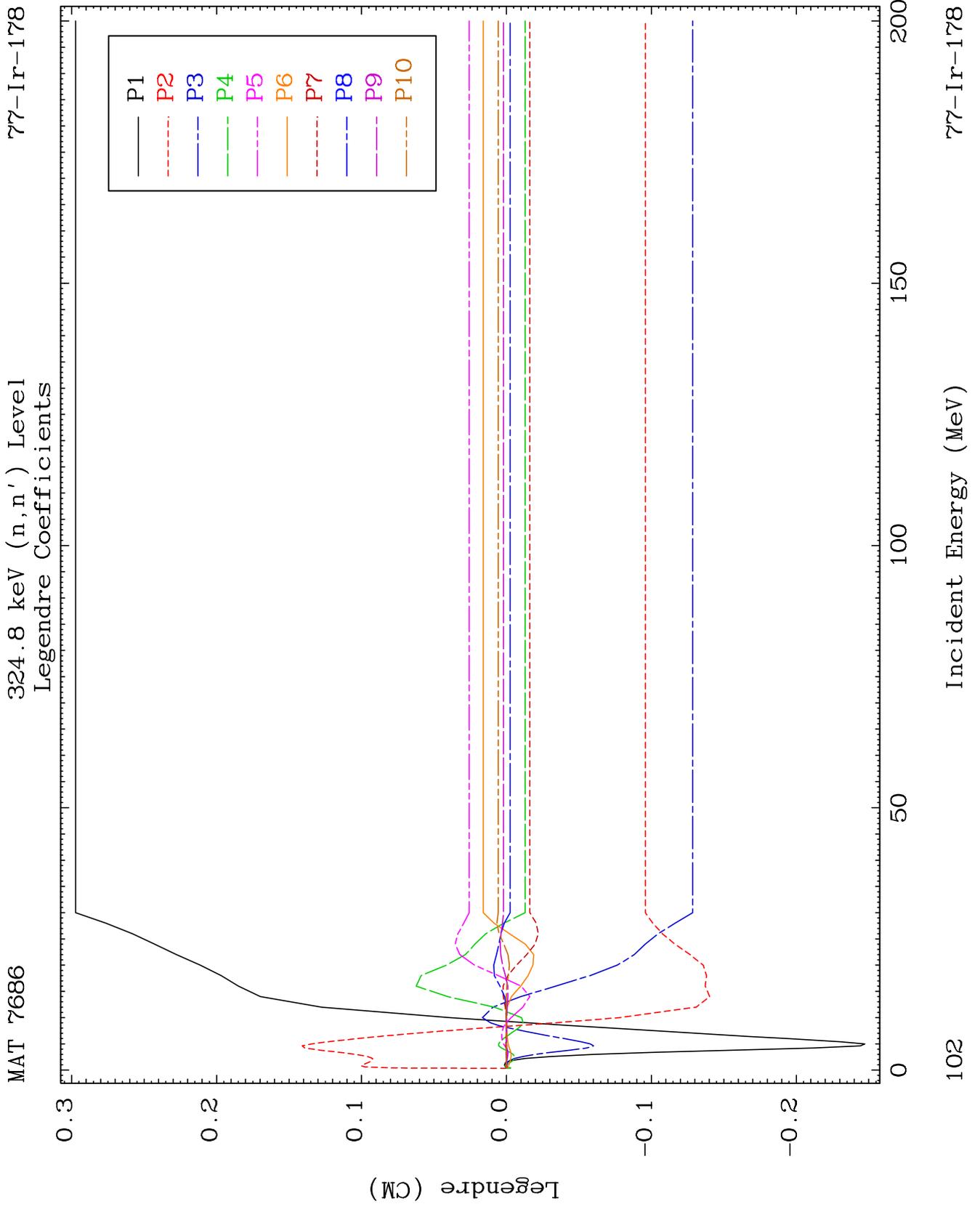
MAT 7686

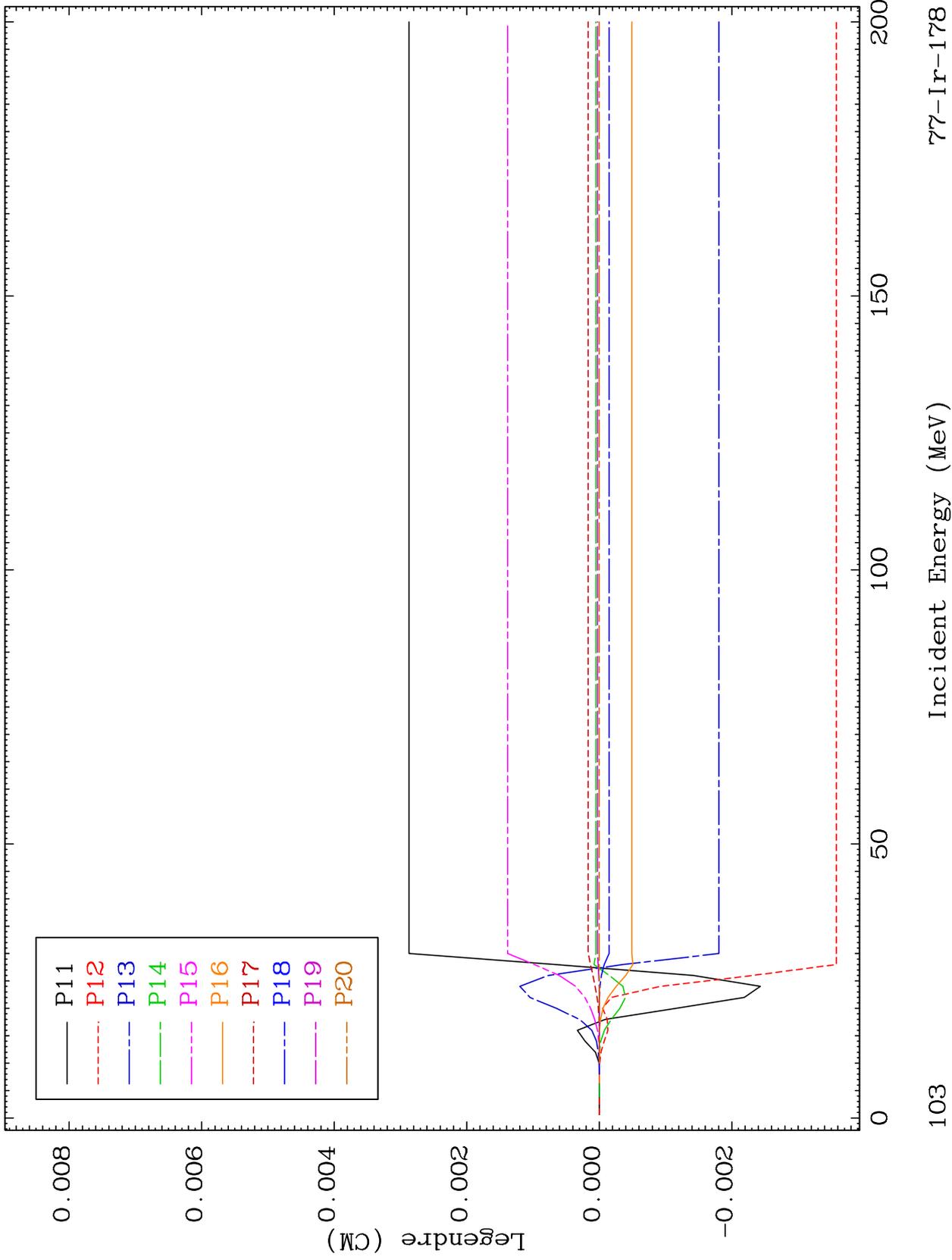
317.5 keV (n,n') Level
Legendre Coefficients

77-Ir-178





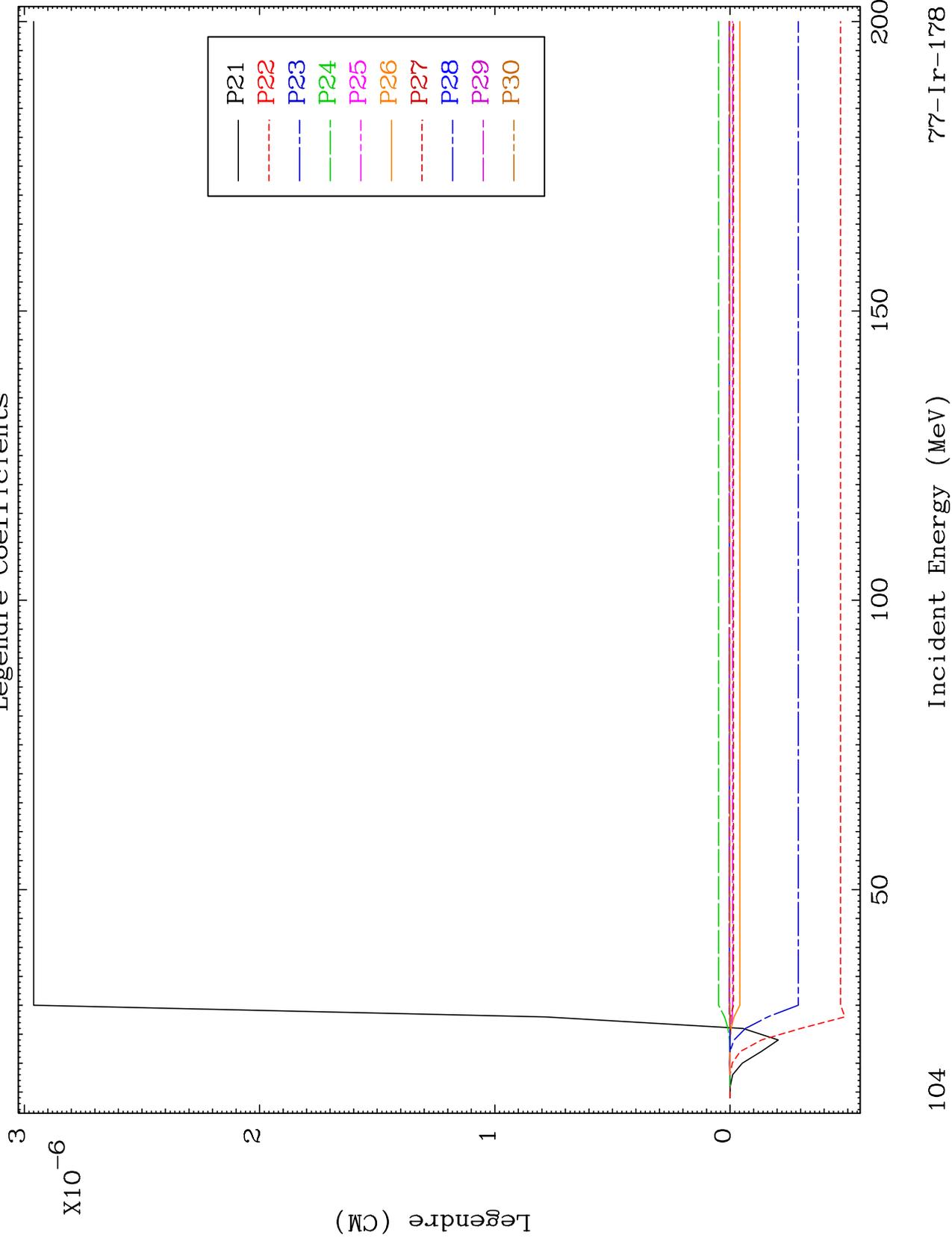




MAT 7686

324.8 keV (n,n') Level
Legendre Coefficients

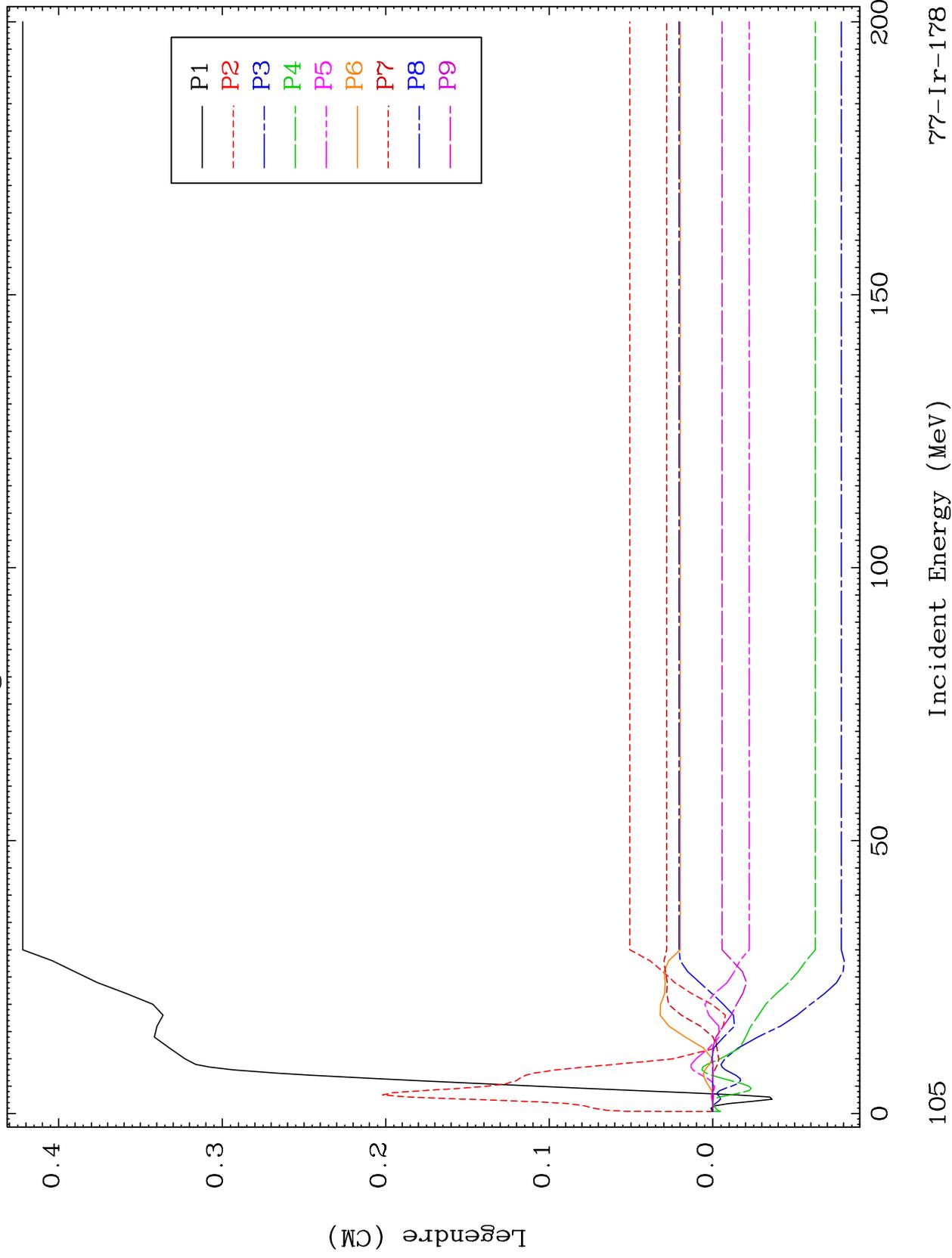
77-Ir-178



MAT 7686

348.6 keV (n,n') Level
Legendre Coefficients

77-Ir-178



77-Ir-178

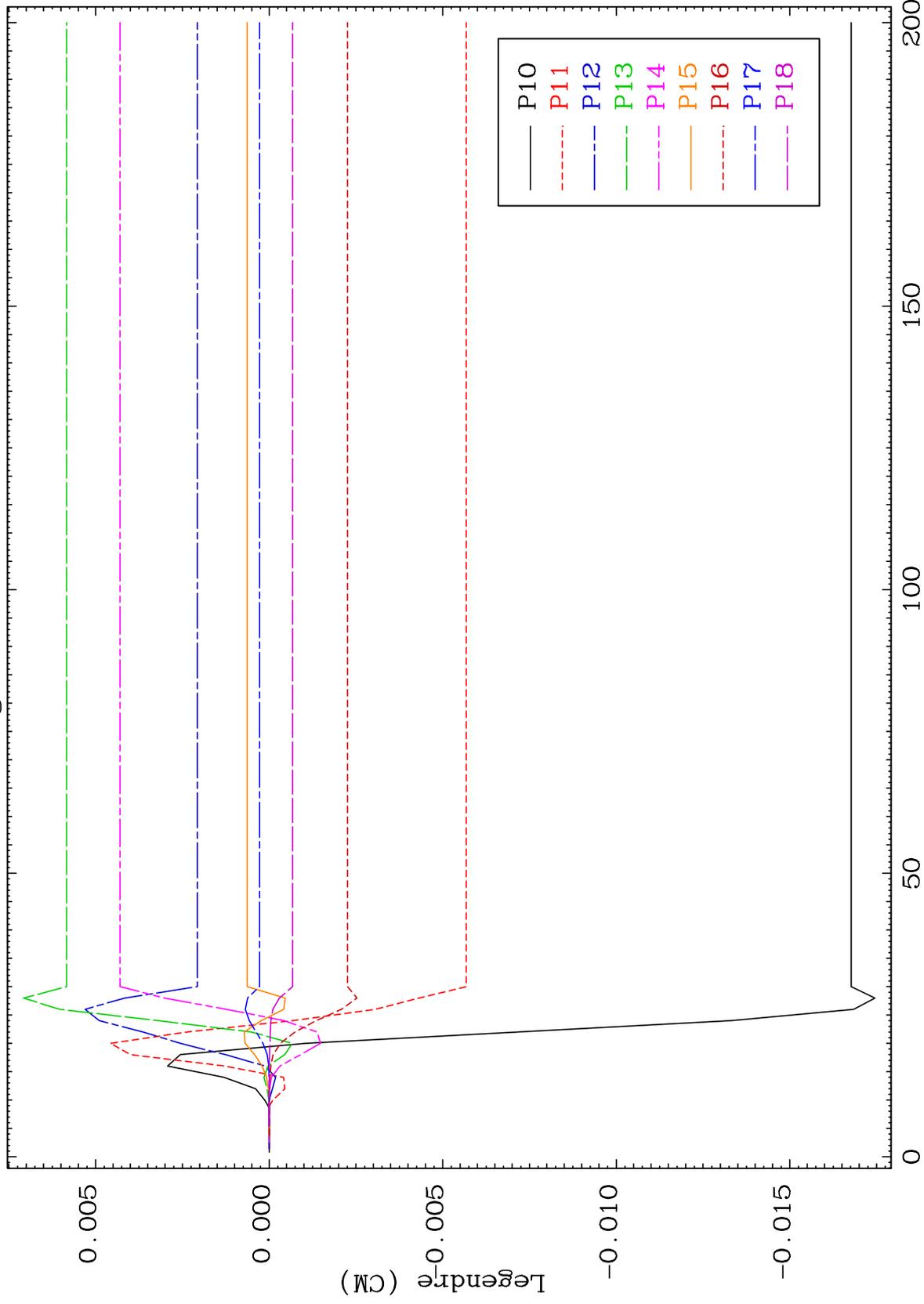
Incident Energy (MeV)

105

MAT 7686

348.6 keV (n,n') Level
Legendre Coefficients

77-Ir-178



106

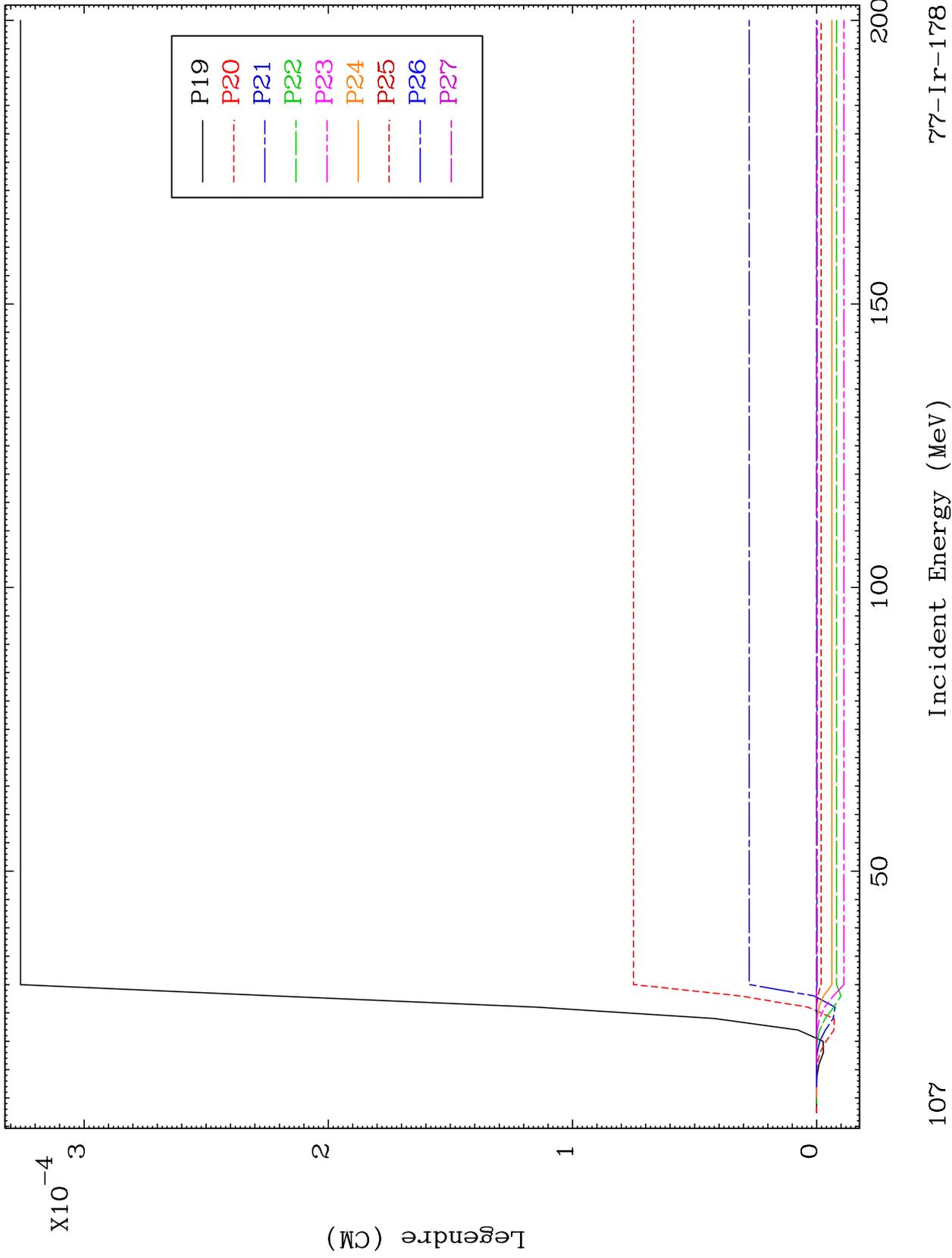
Incident Energy (MeV)

77-Ir-178

MAT 7686

348.6 keV (n,n') Level
Legendre Coefficients

77-Ir-178

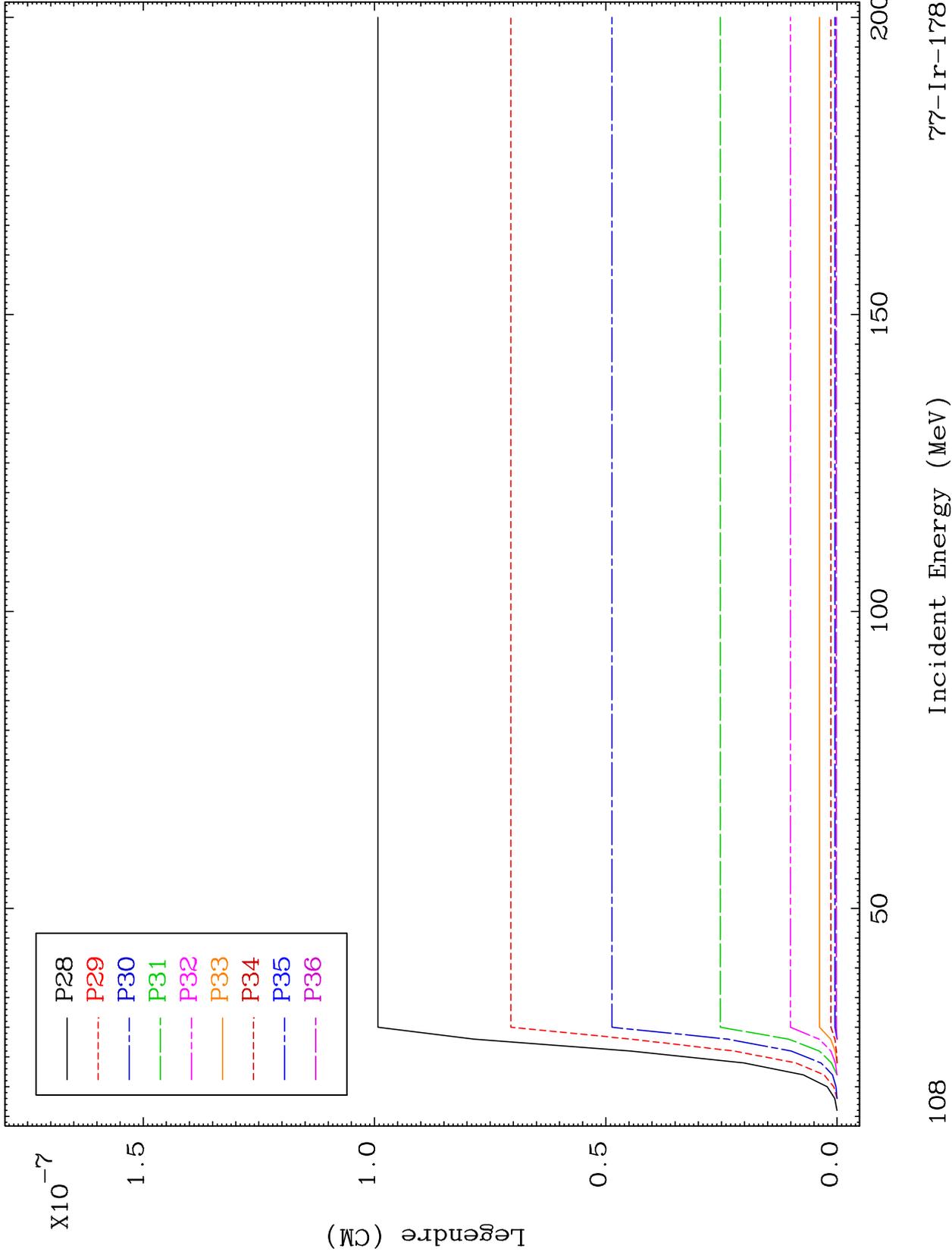


107

MAT 7686

348.6 keV (n,n') Level
Legendre Coefficients

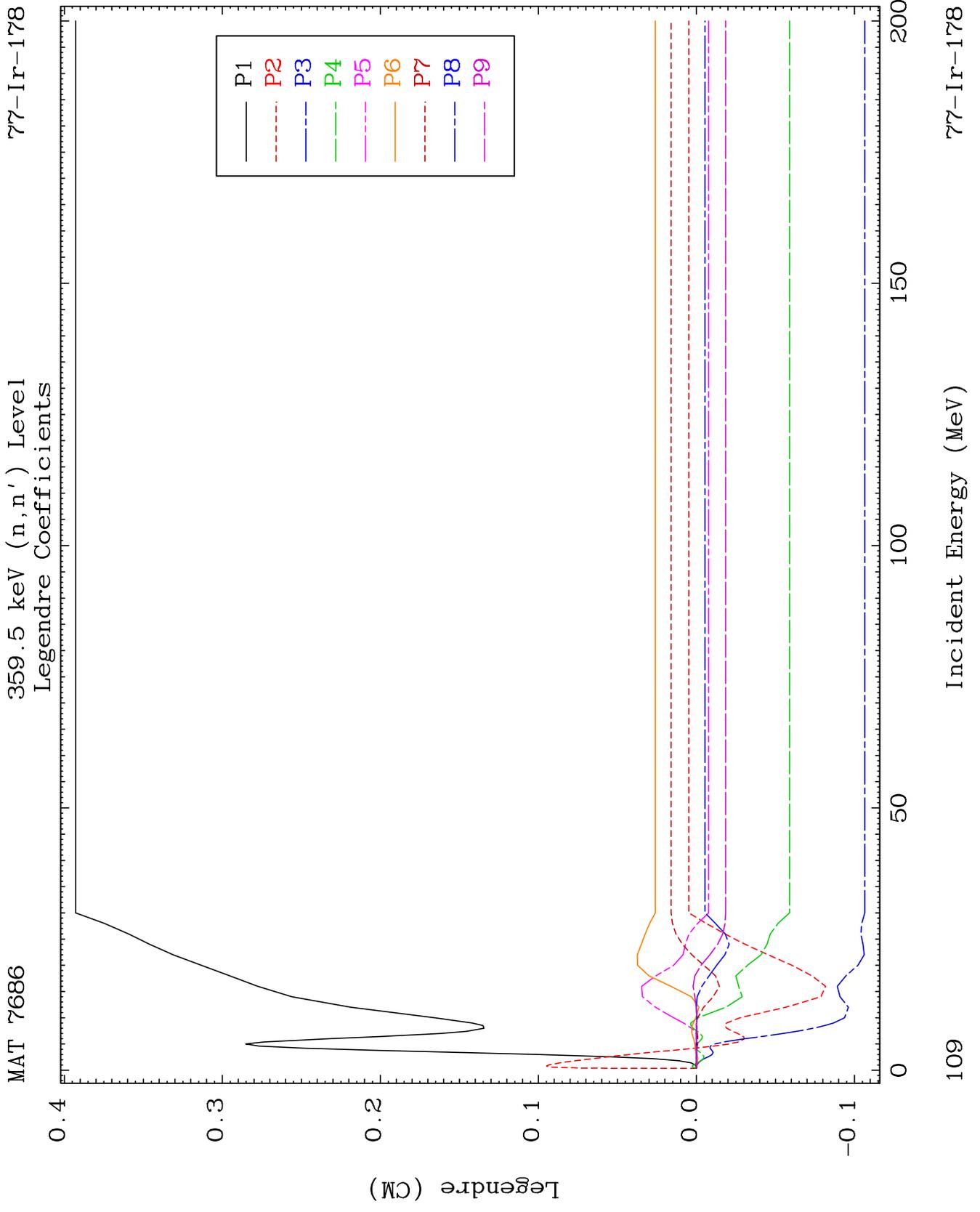
⁷⁷Ir-178

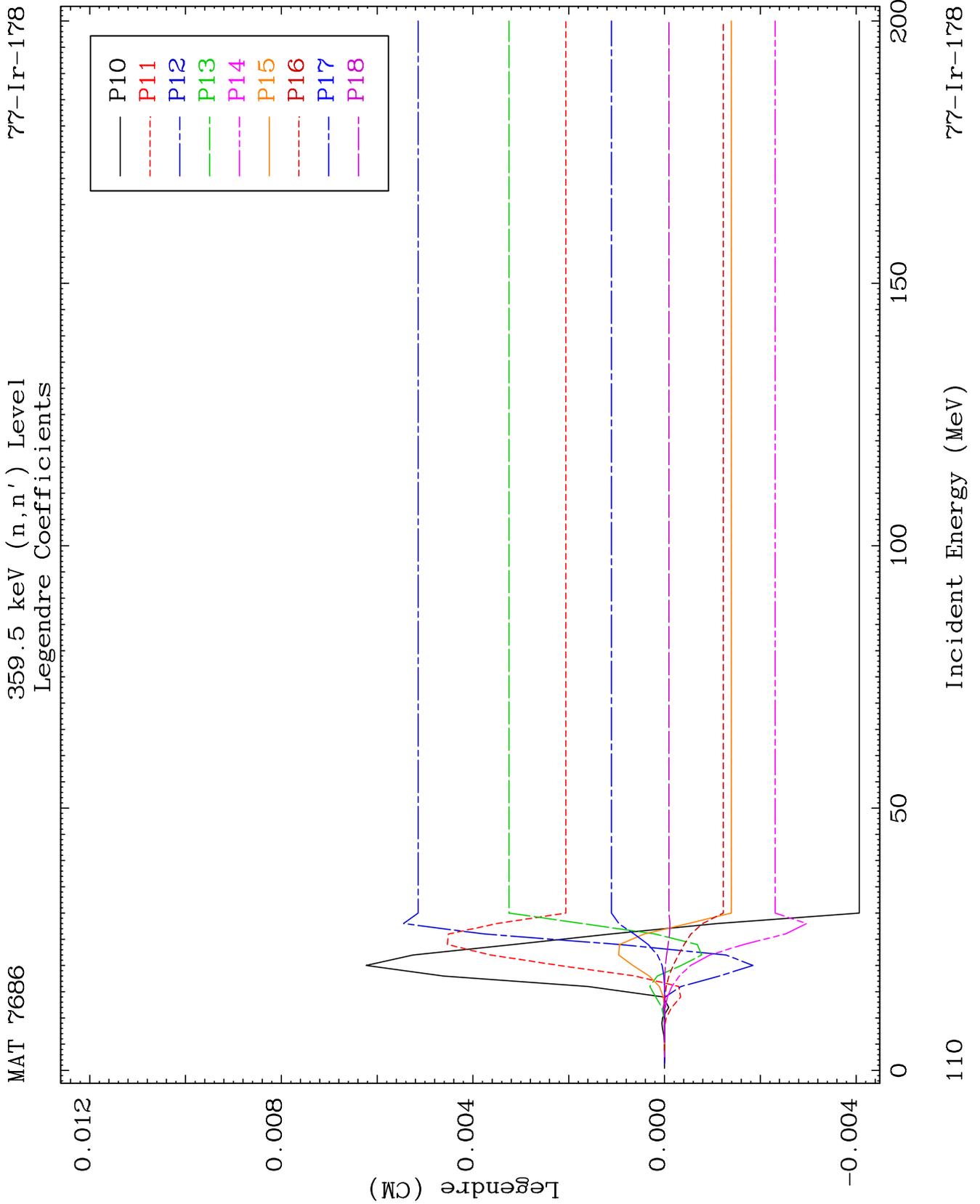


108

Incident Energy (MeV)

⁷⁷Ir-178

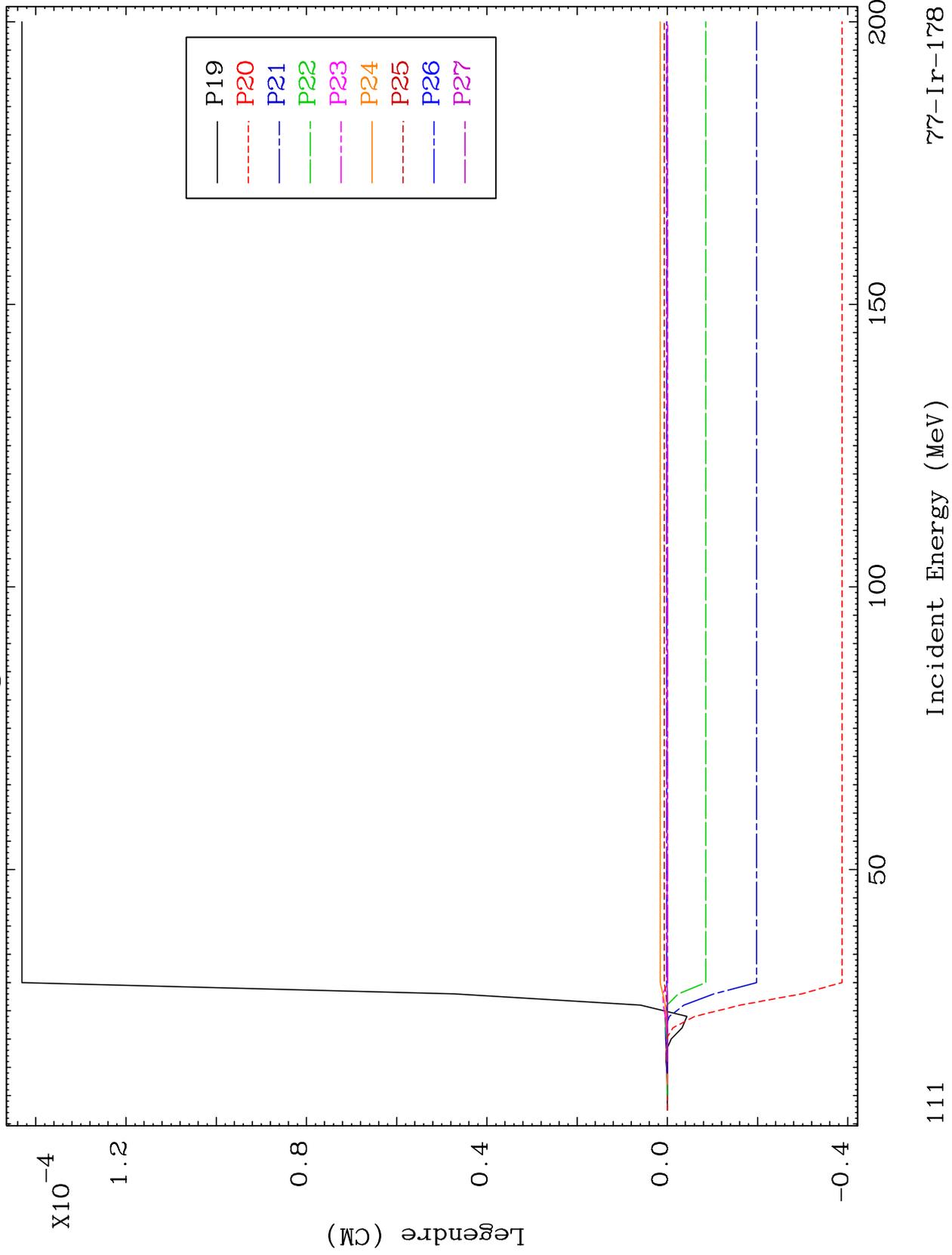


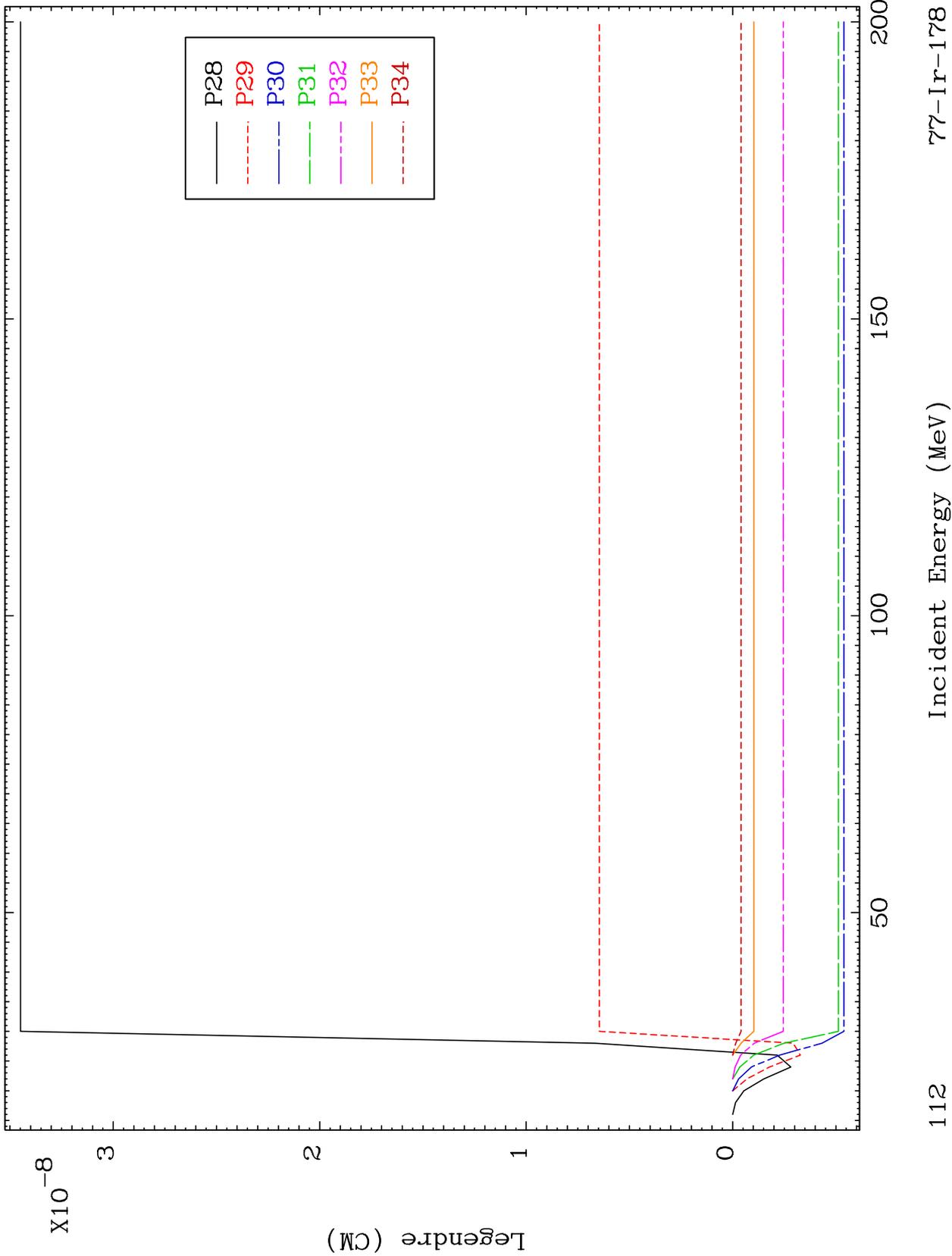


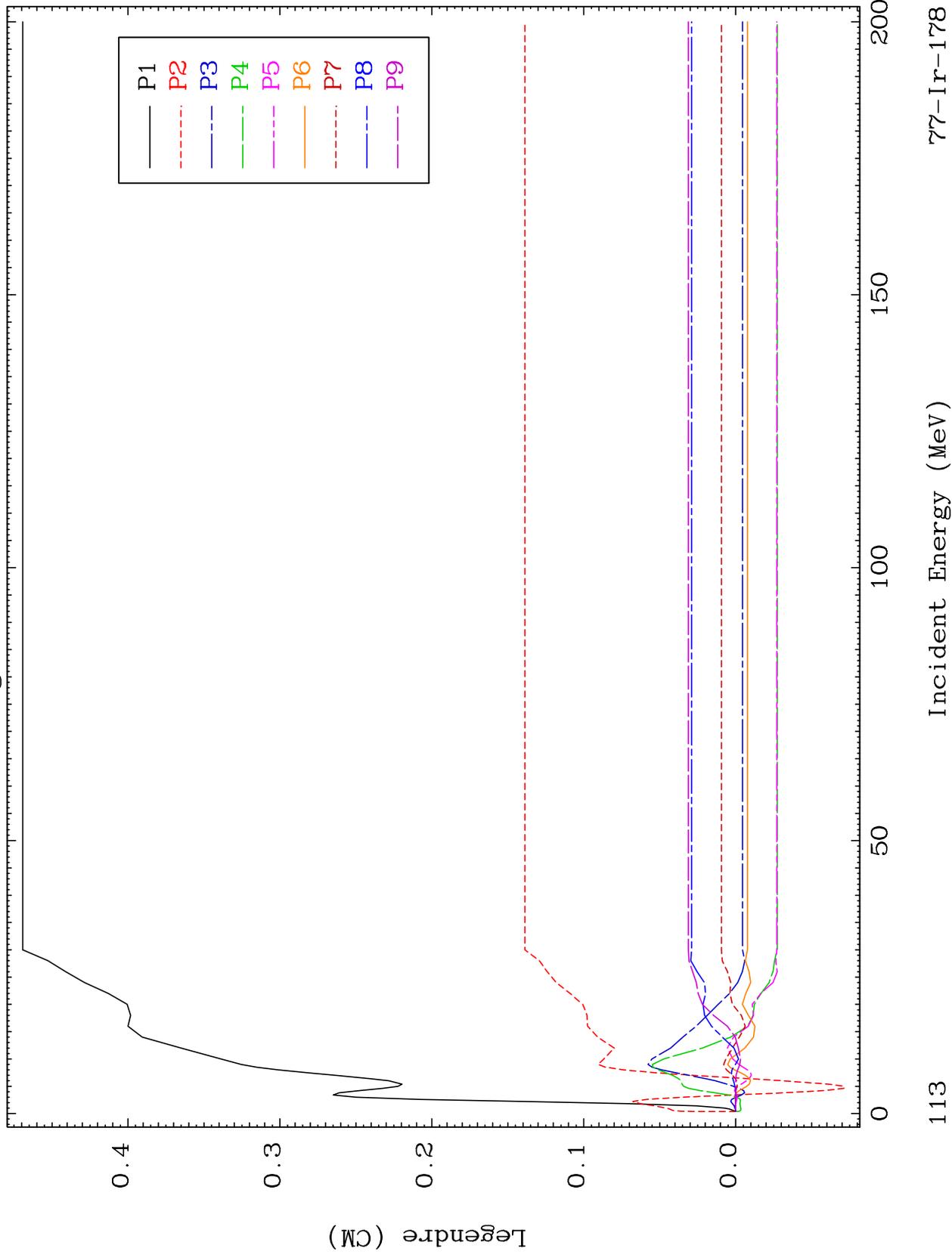
MAT 7686

359.5 keV (n,n') Level
Legendre Coefficients

77-Ir-178



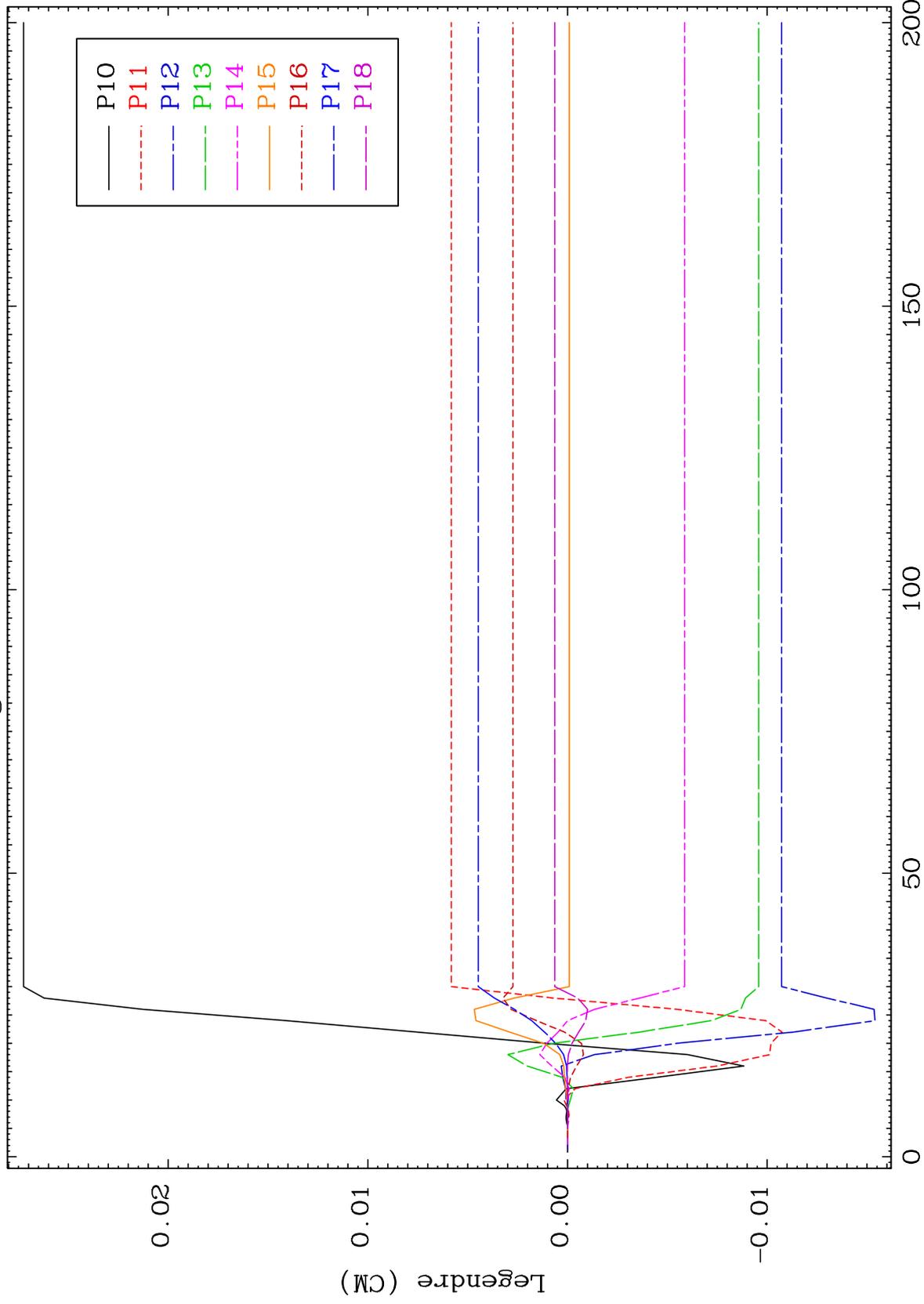




MAT 7686

362.1 keV (n,n') Level
Legendre Coefficients

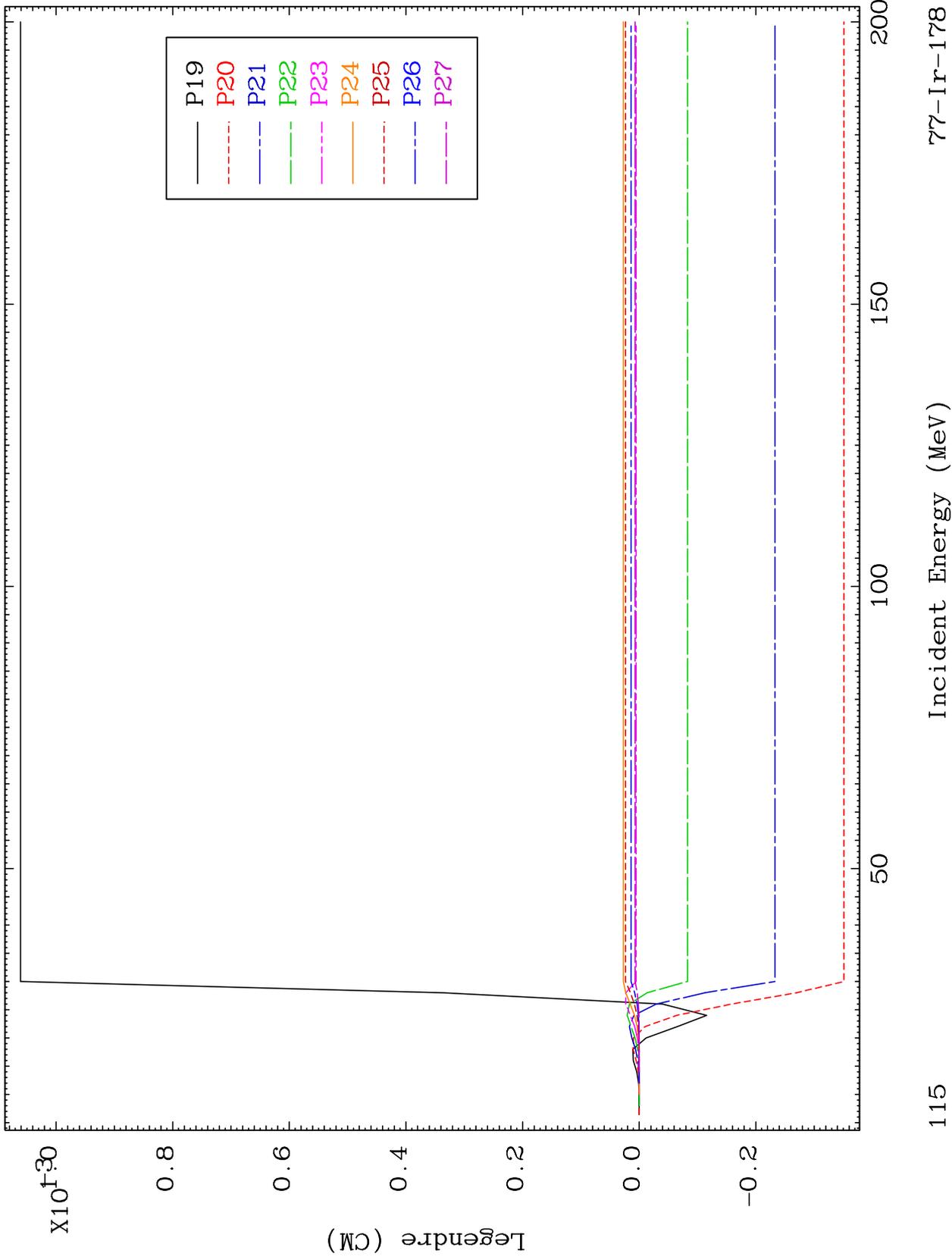
77-Ir-178



114

Incident Energy (MeV)

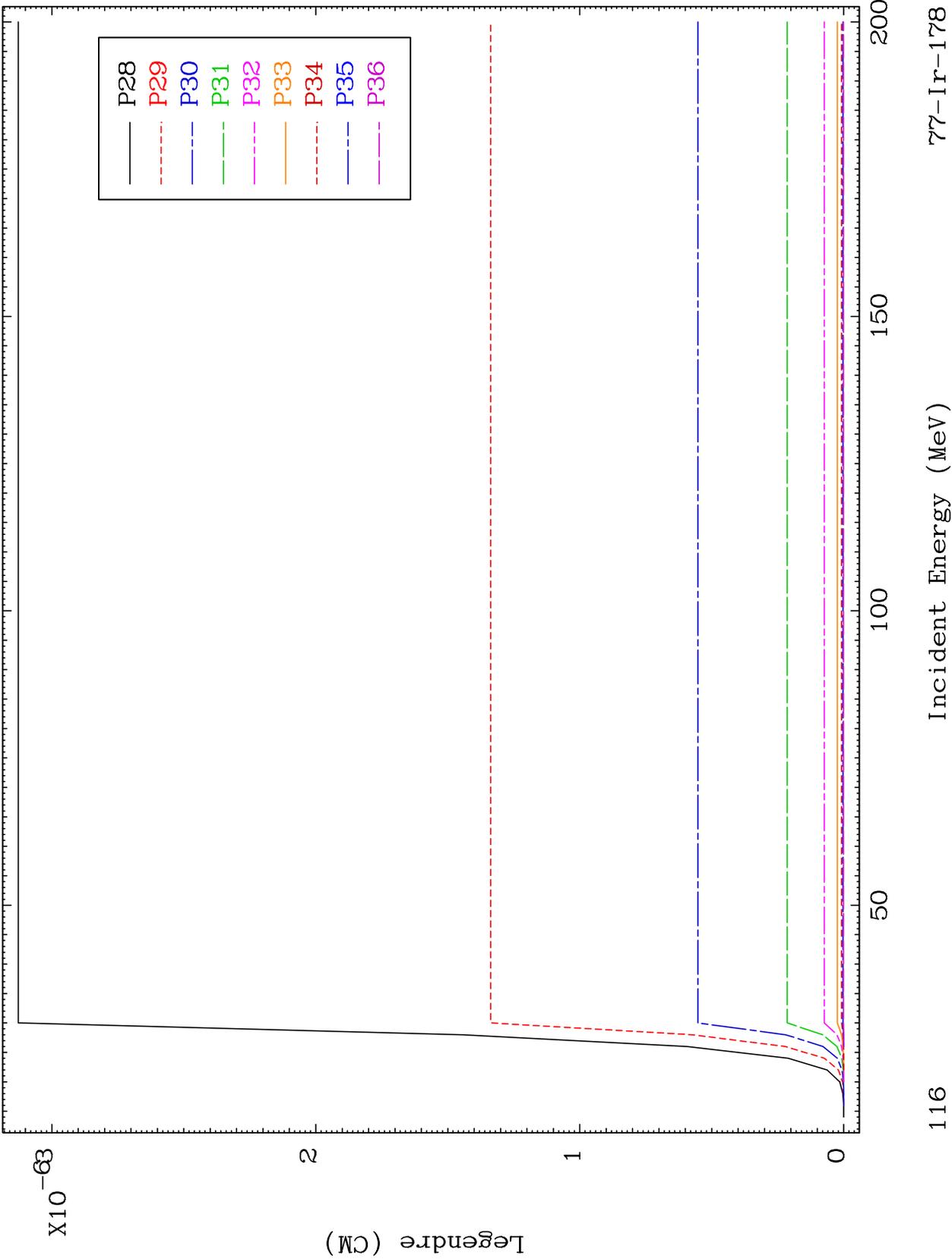
77-Ir-178



MAT 7686

362.1 keV (n,n') Level
Legendre Coefficients

77-Ir-178



116

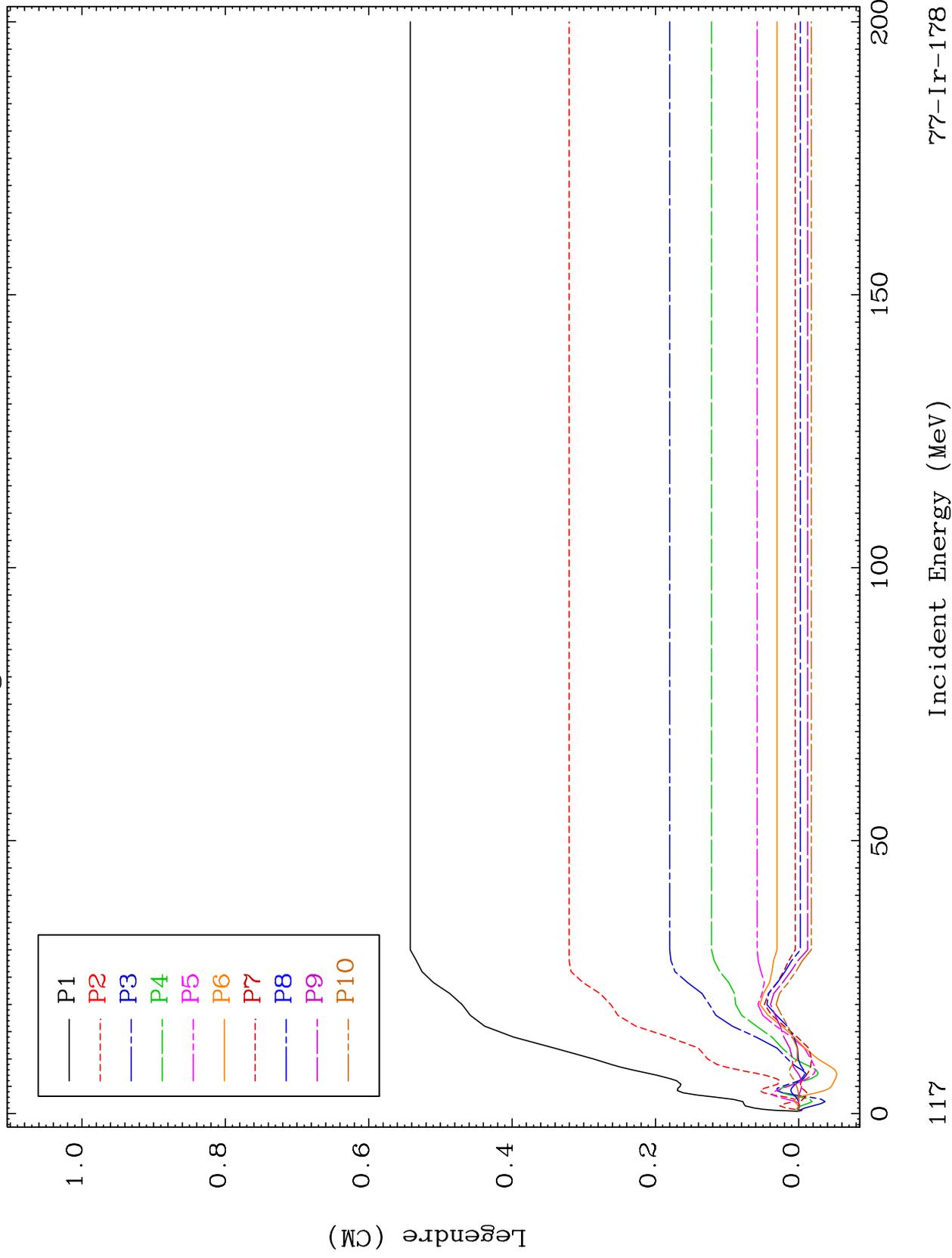
Incident Energy (MeV)

77-Ir-178

MAT 7686

366.9 keV (n,n') Level
Legendre Coefficients

77-Ir-178



117

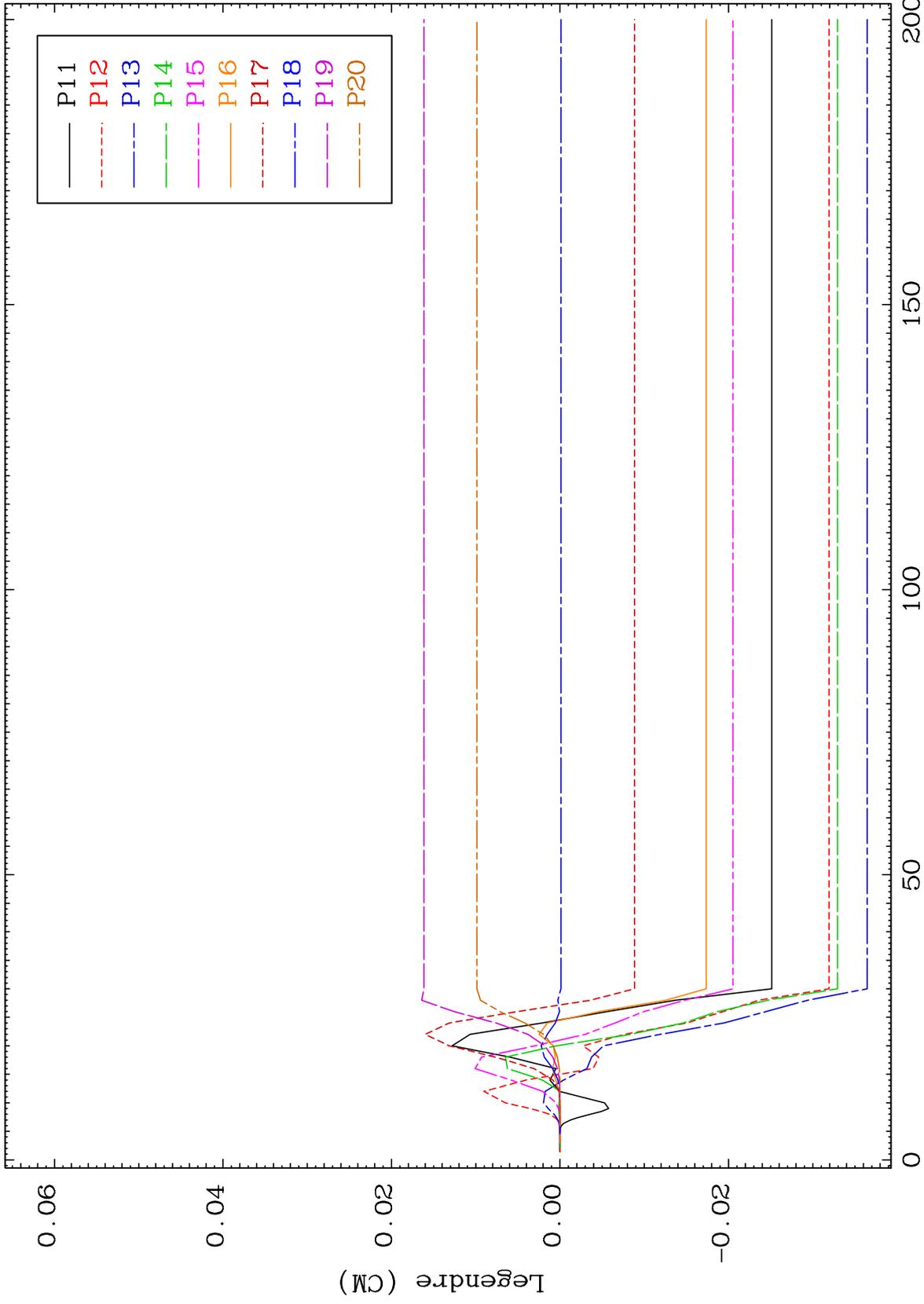
Incident Energy (MeV)

77-Ir-178

MAT 7686

366.9 keV (n,n') Level
Legendre Coefficients

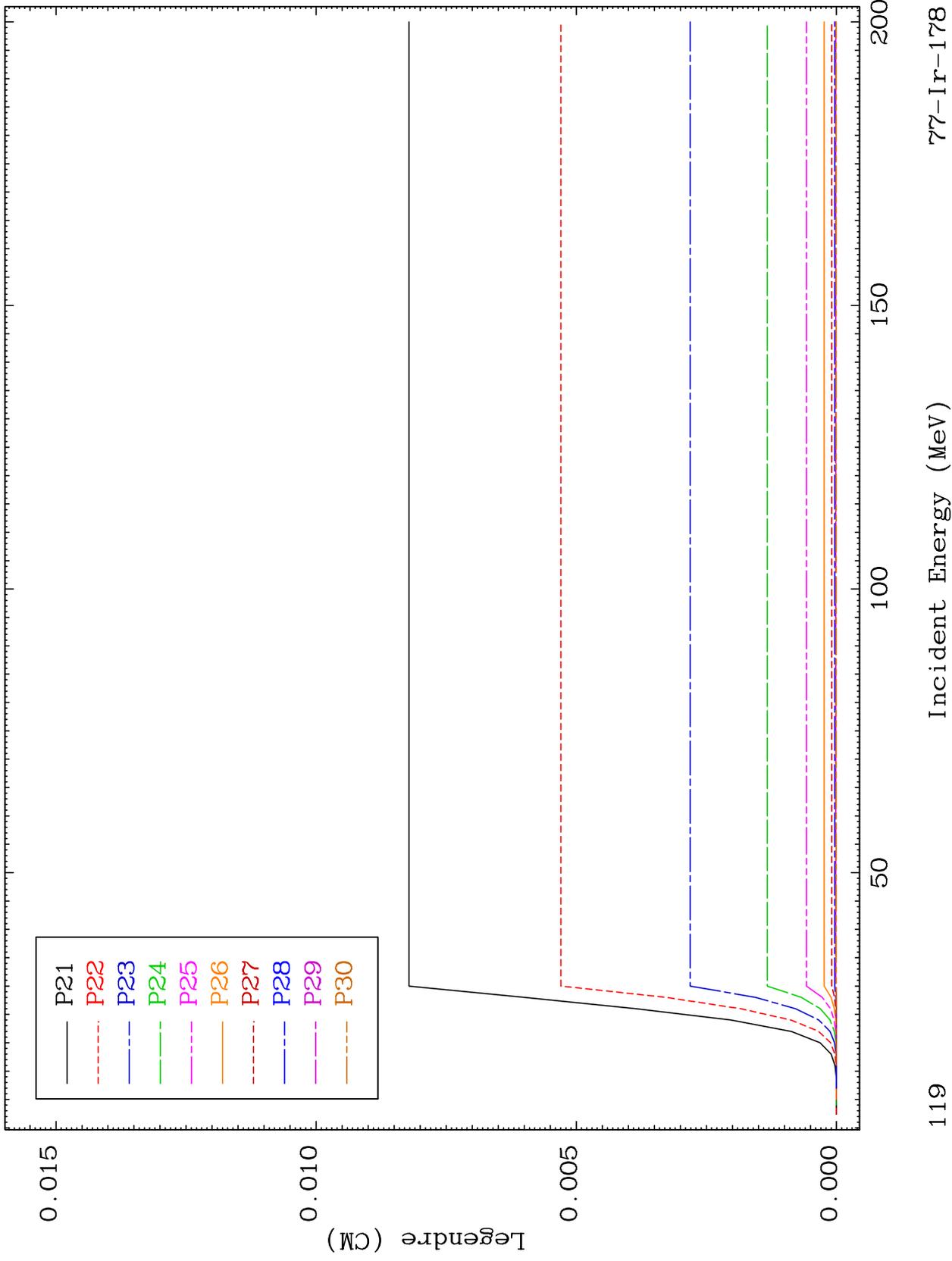
77-Ir-178



118

Incident Energy (MeV)

77-Ir-178

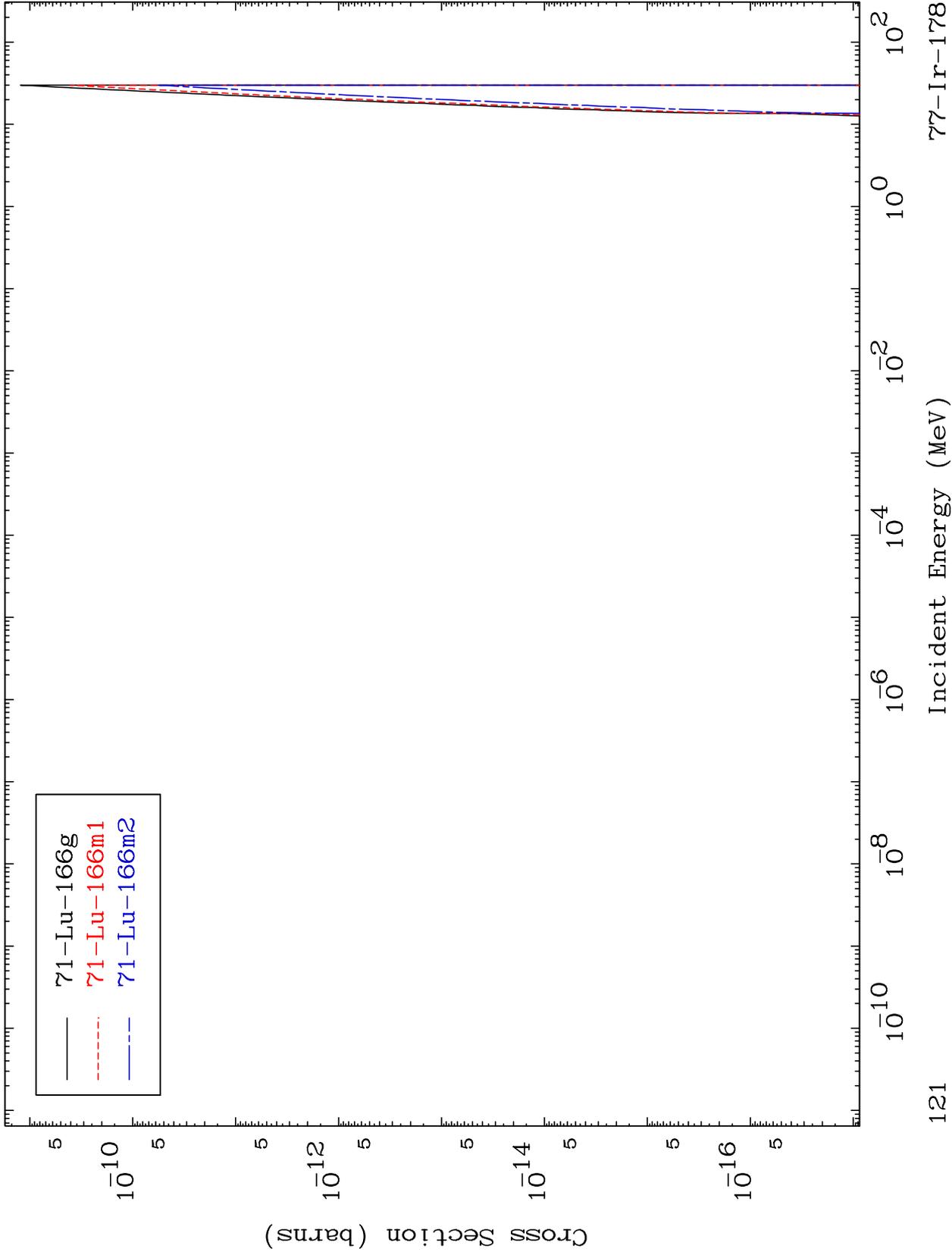


MAT 7686

(n,n') 3 α

⁷⁷Ir-178

Radionuclide Production Cross Section

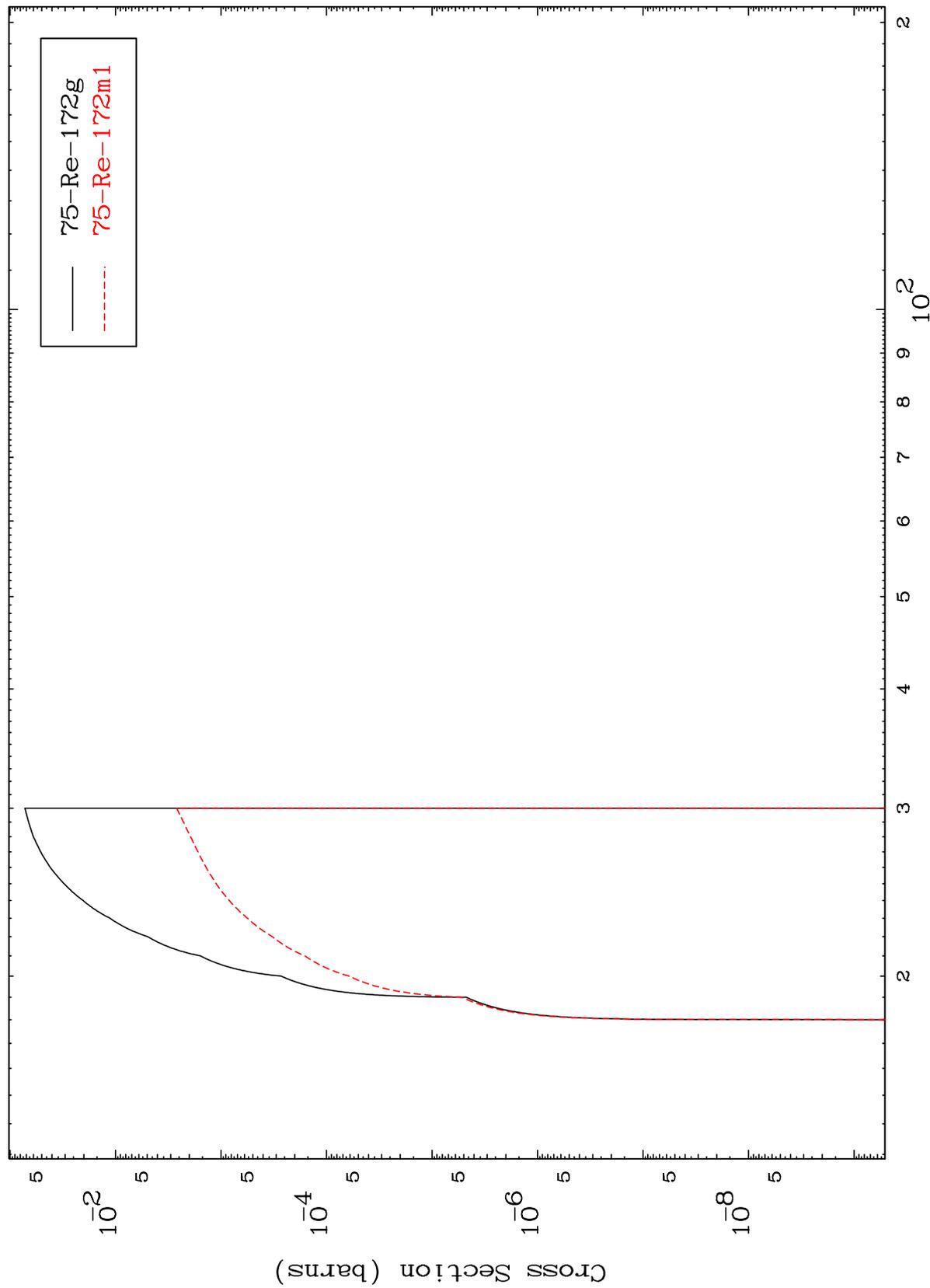


MAT 7686

$(n,3n) \alpha$

⁷⁷Ir-178

Radionuclide Production Cross Section



122

Incident Energy (MeV)

⁷⁷Ir-178

MAT 7686

(n, 3 α)

⁷⁷Ir-178

Radionuclide Production Cross Section

