

Program EVALPLOT
(Version 2021-1)

by

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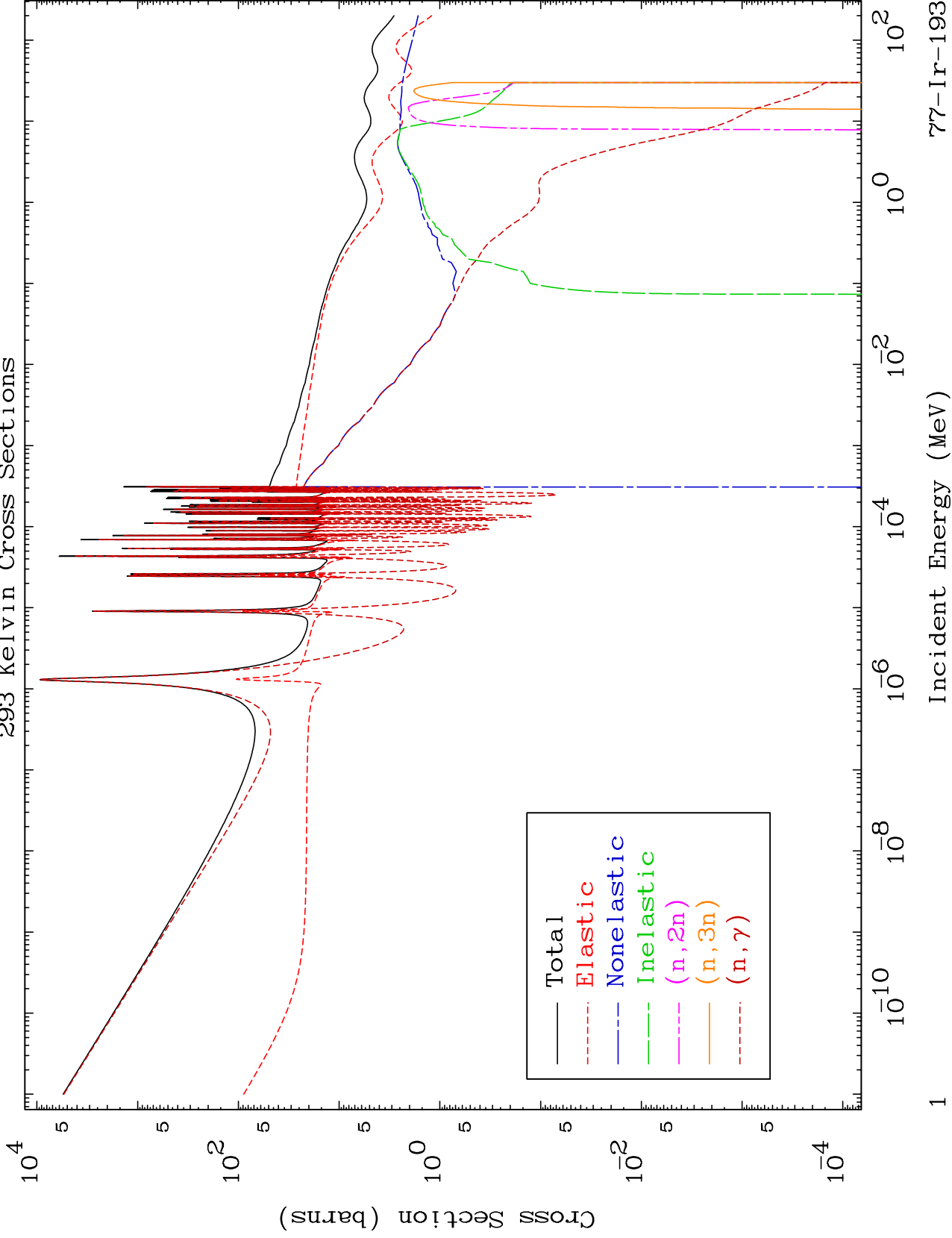
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7731

Neutron Major
293 Kelvin Cross Sections

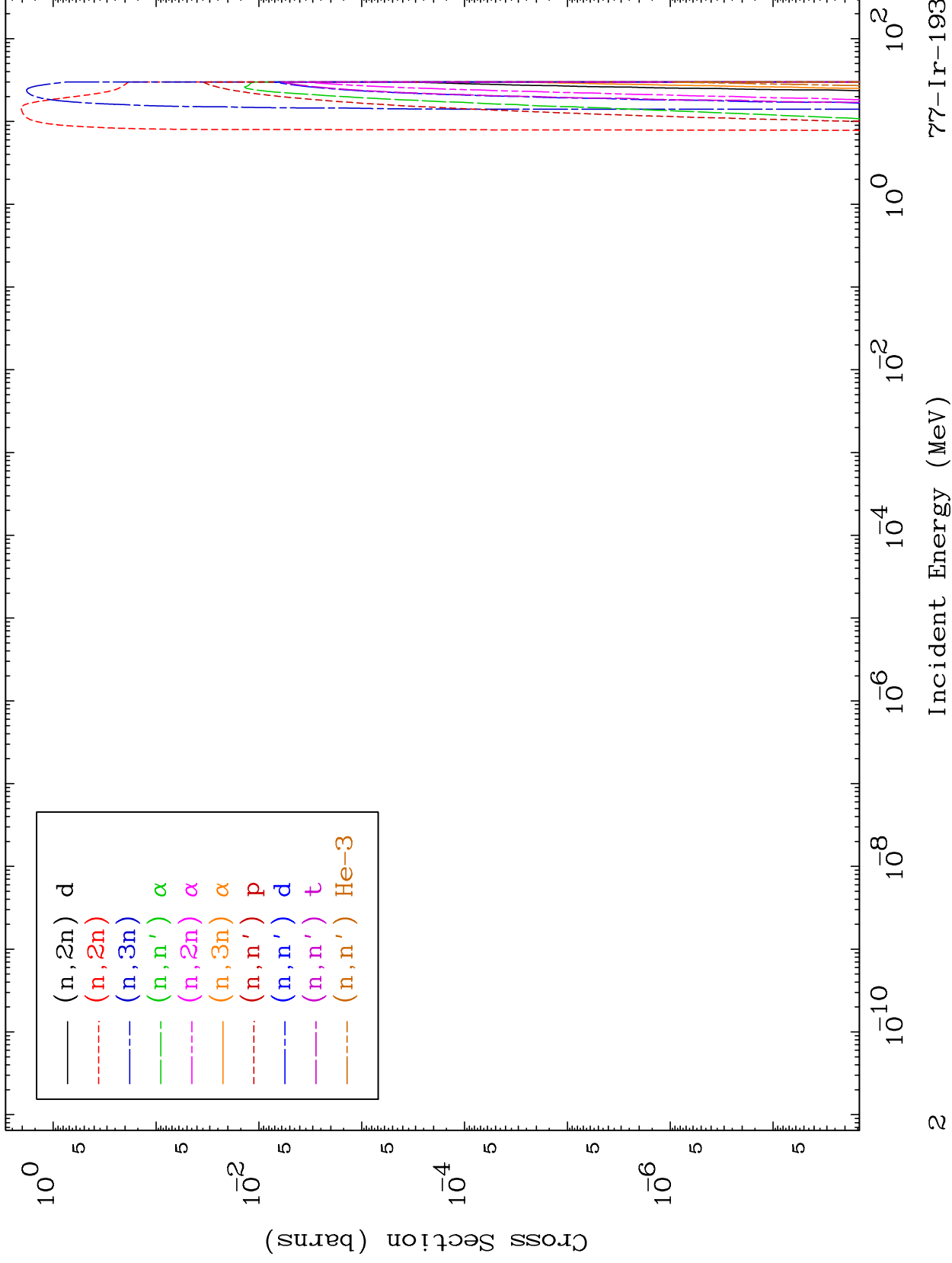
77-Ir-193



MAT 7731

Neutron Absorption
293 Kelvin Cross Sections

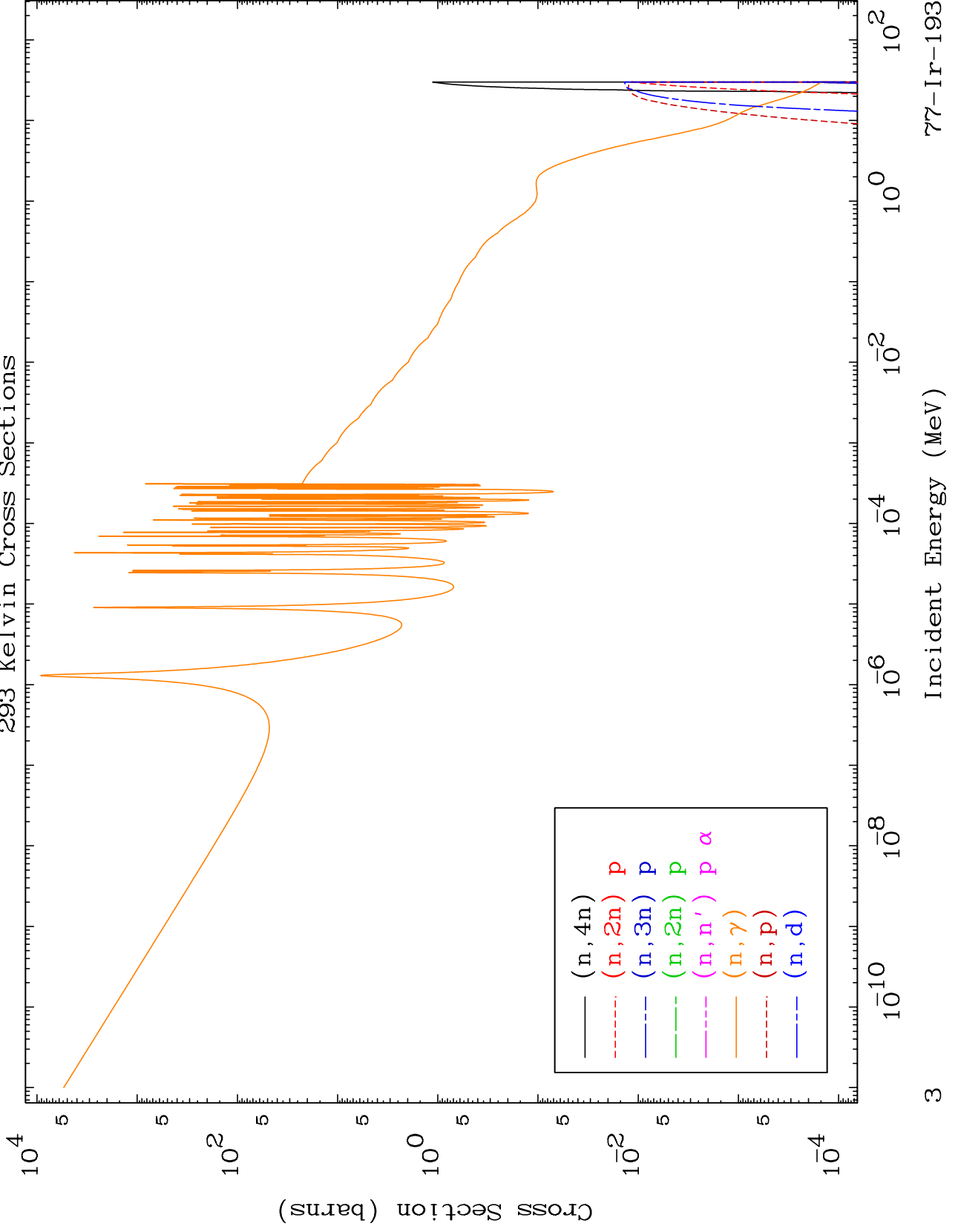
77-Ir-193

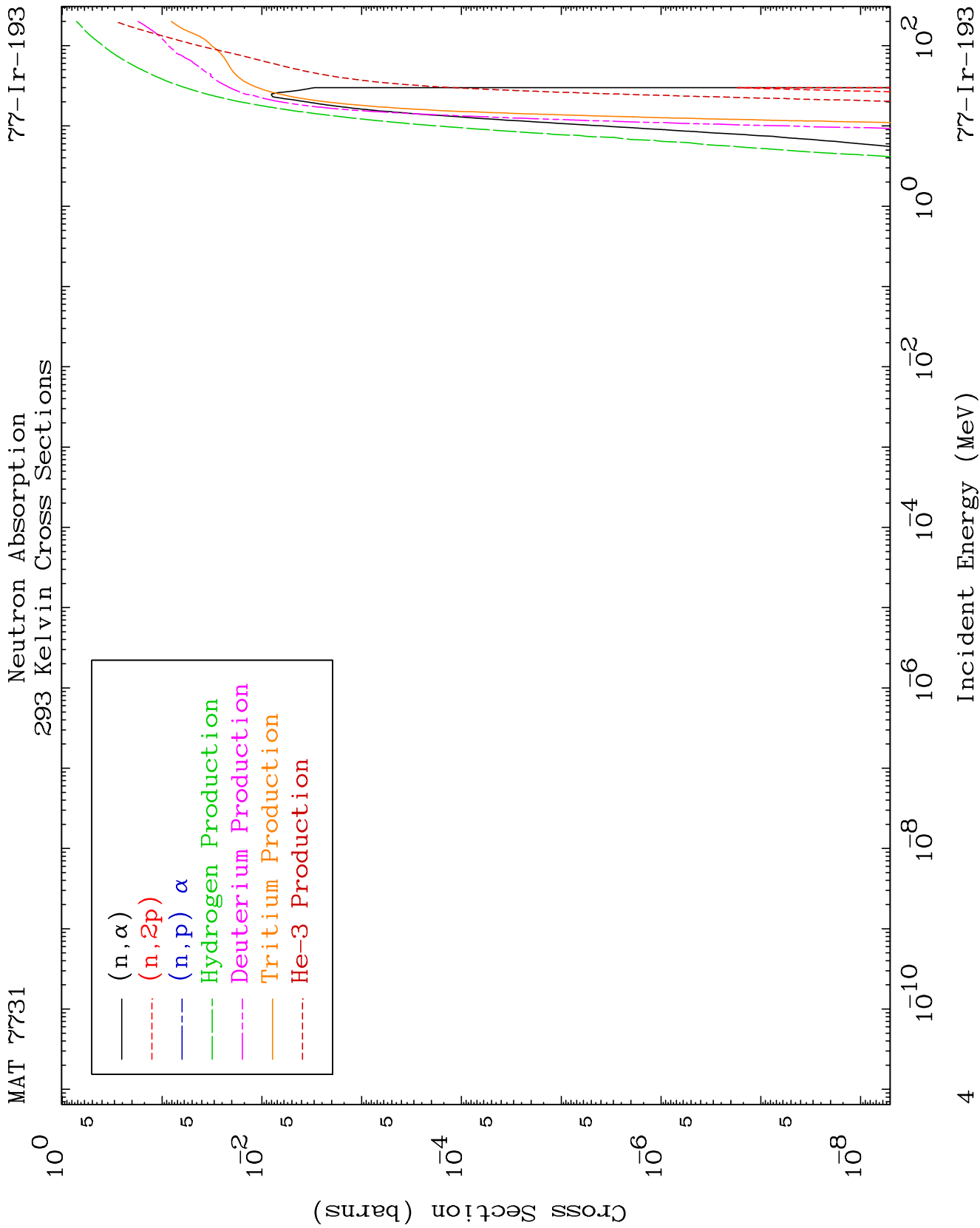


MAT 7731

Neutron Absorption
293 Kelvin Cross Sections

77-Ir-193

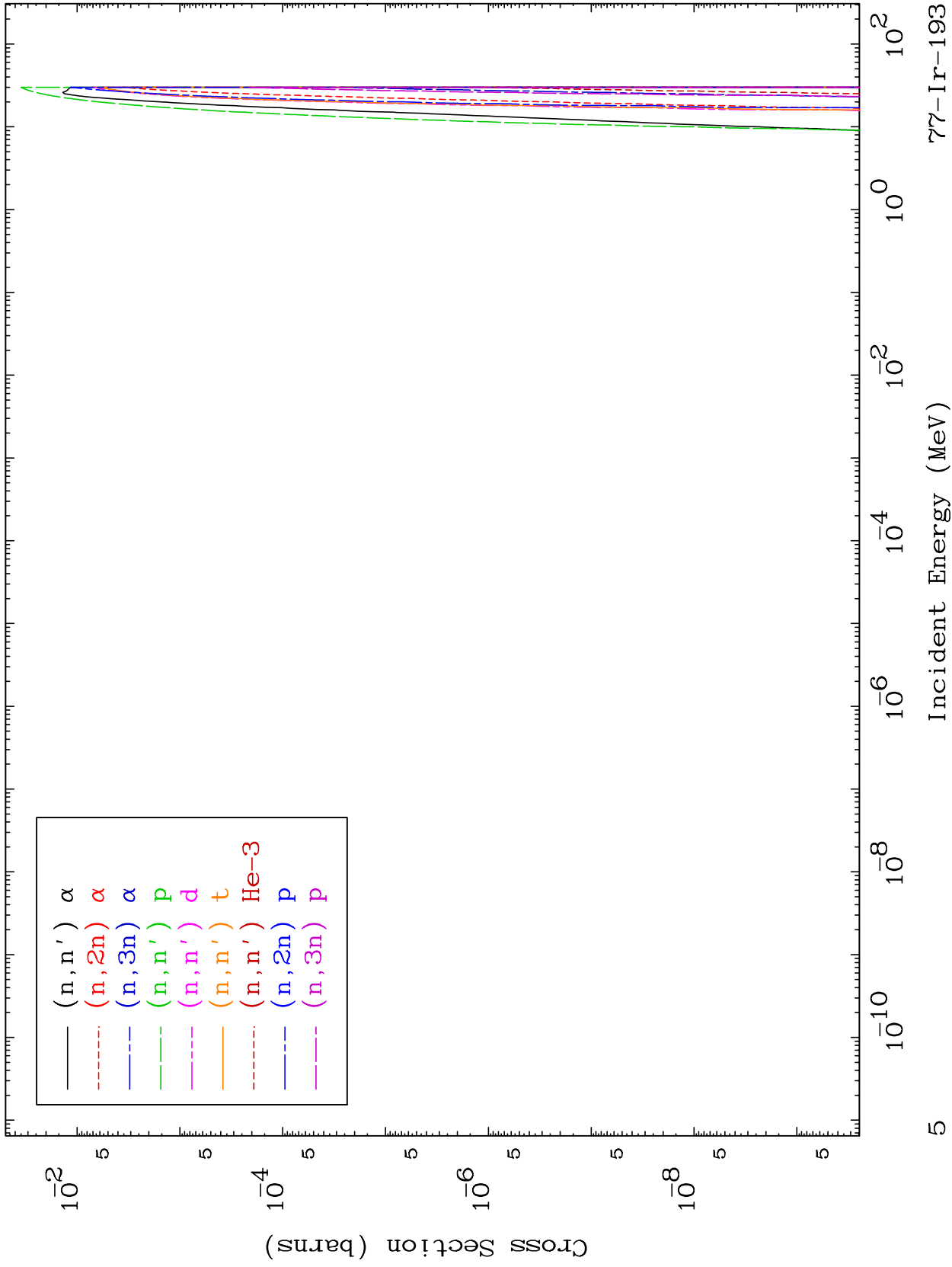




MAT 7731

Charged Particle
293 Kelvin Cross Sections

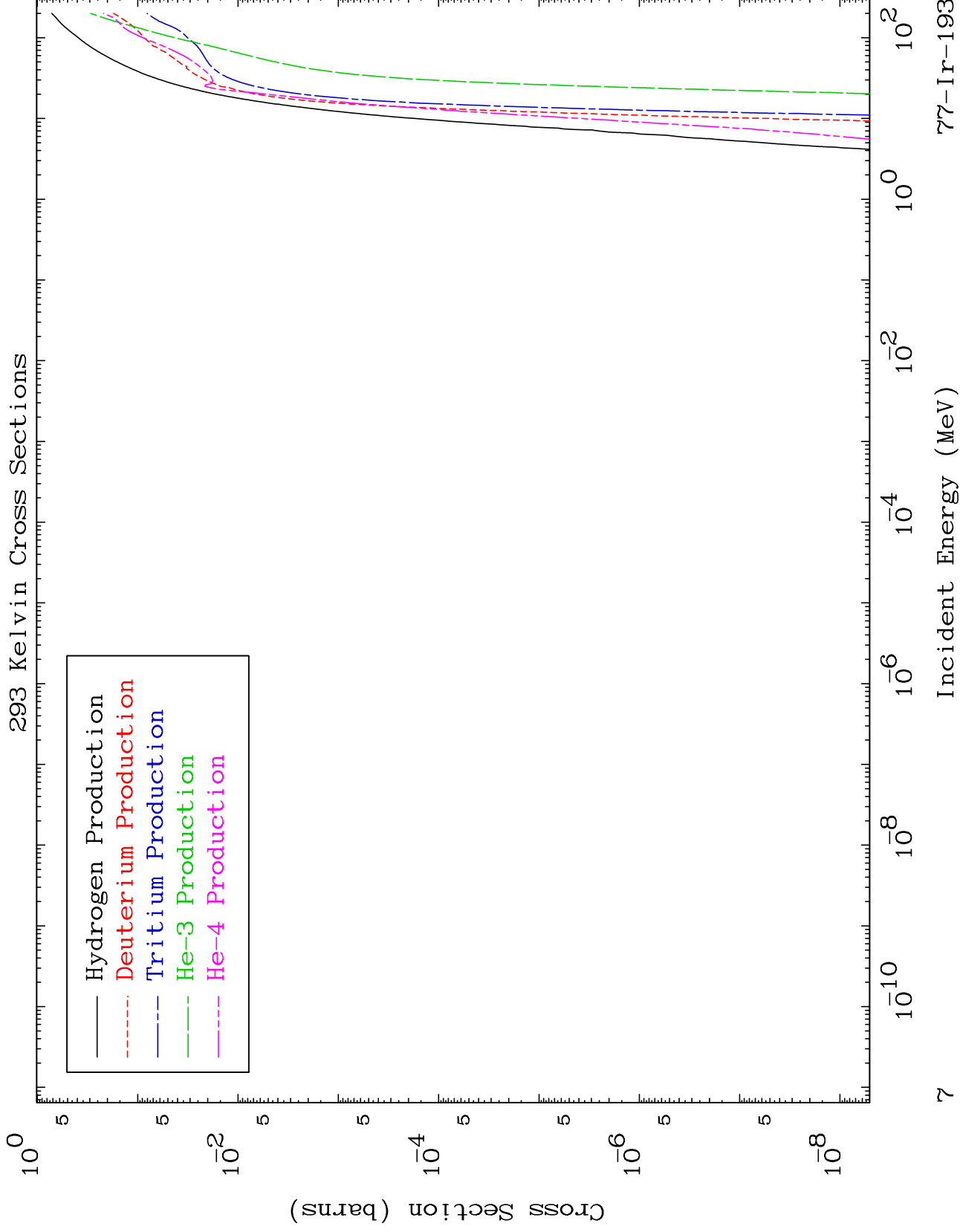
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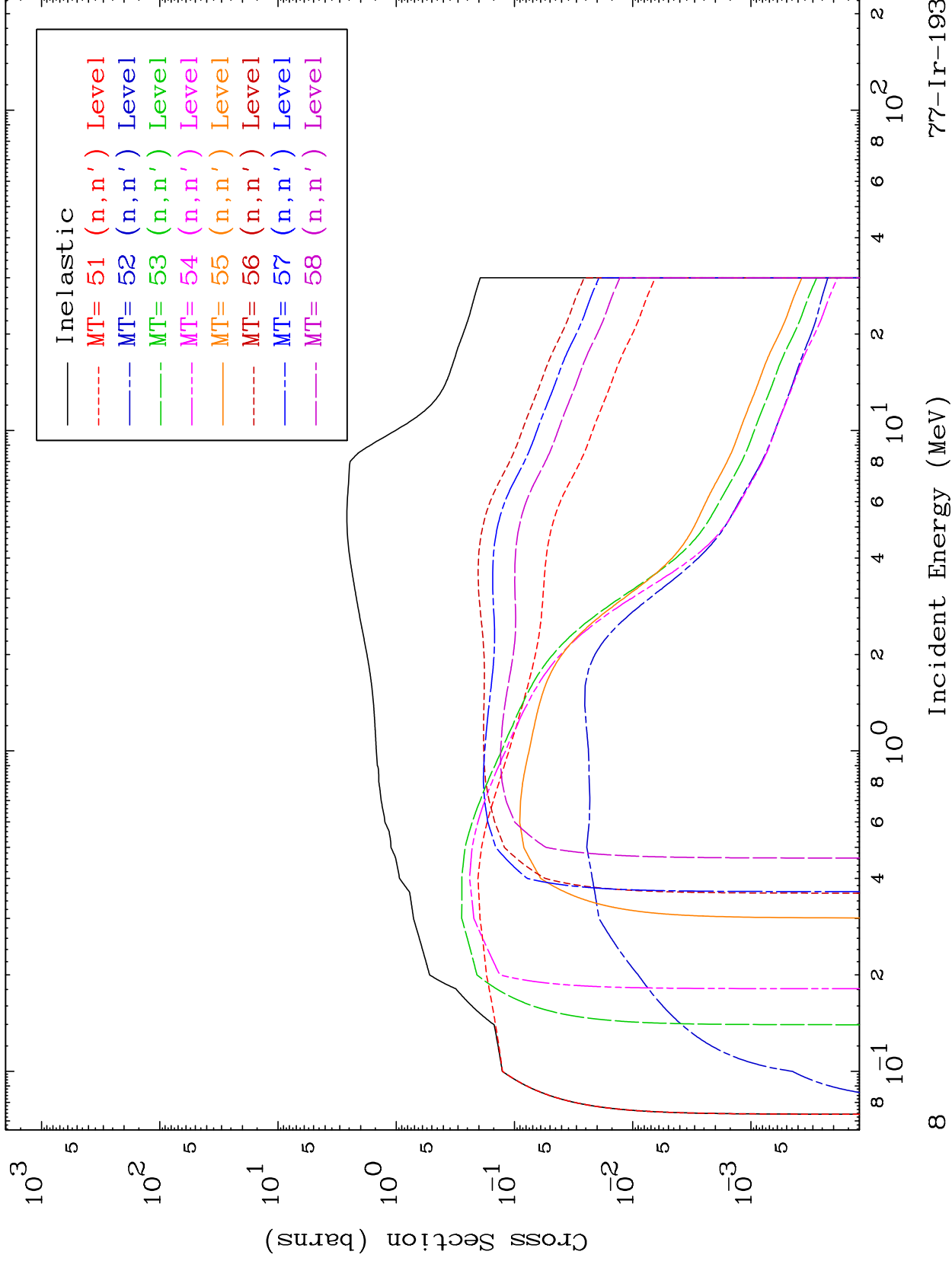


MAT 7731

Particle Production
293 Kelvin Cross Sections

77-Ir-193

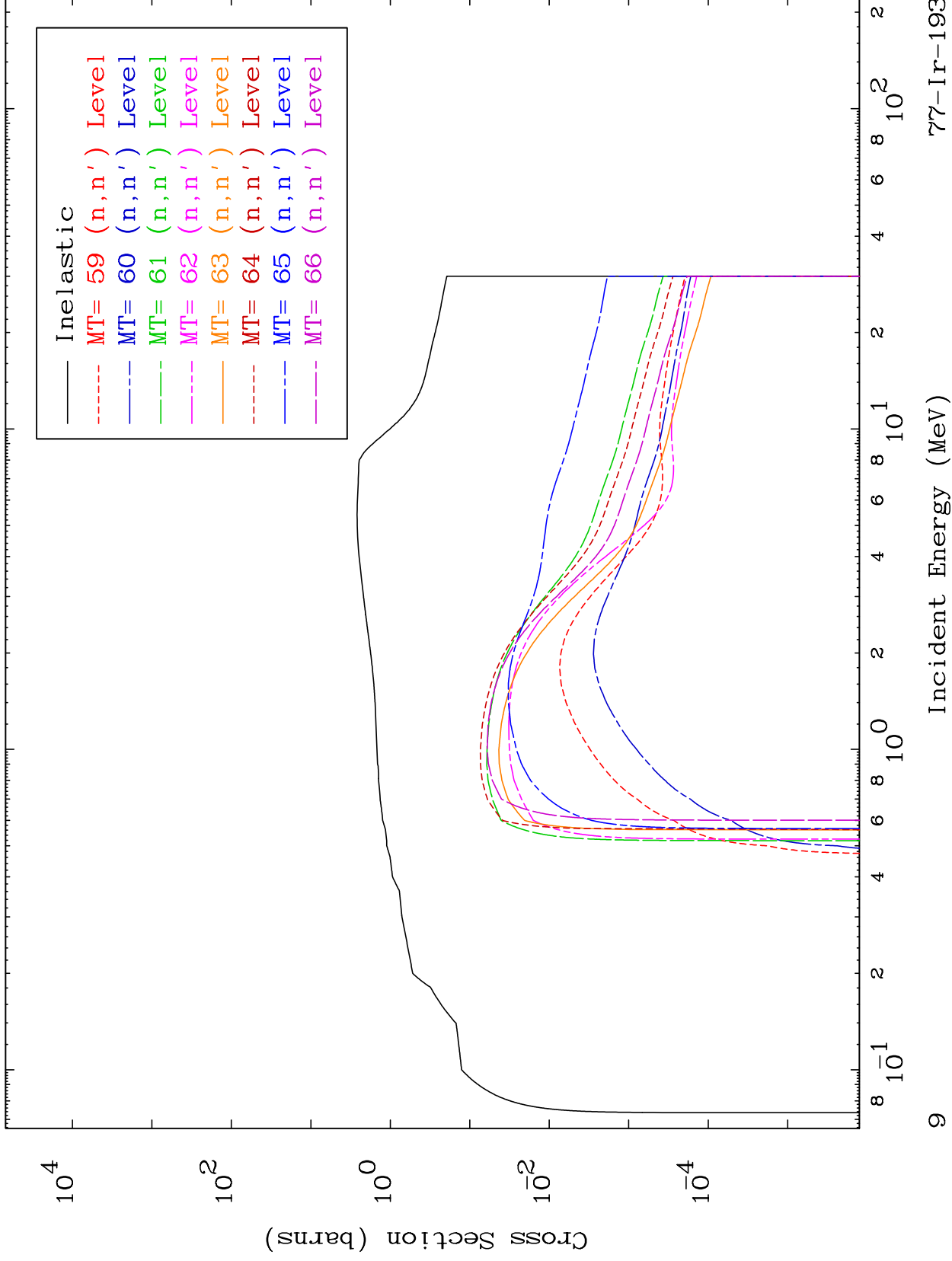




MAT 7731

(n,n') Levels
293 Kelvin Cross Sections

77-Ir-193



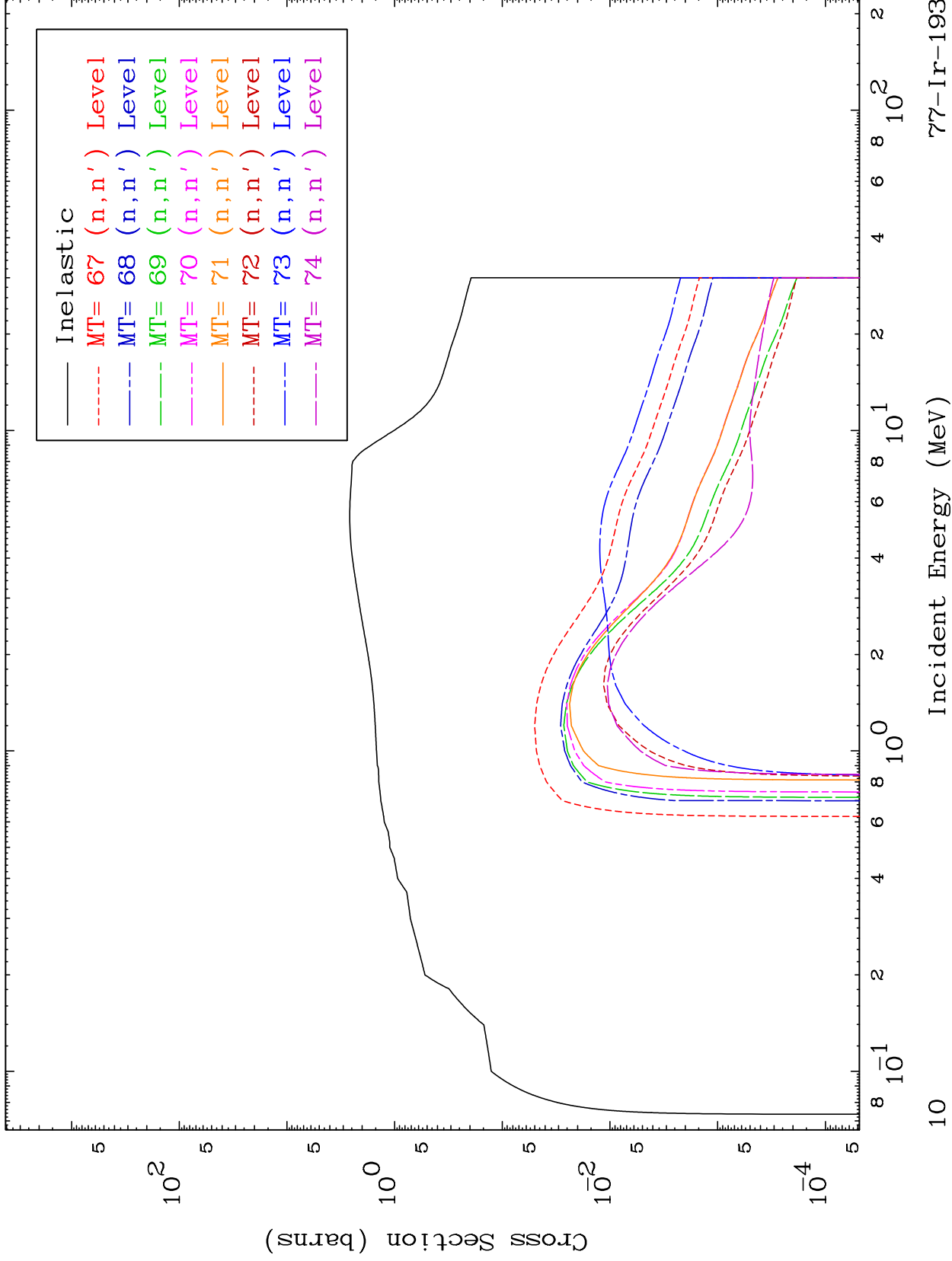
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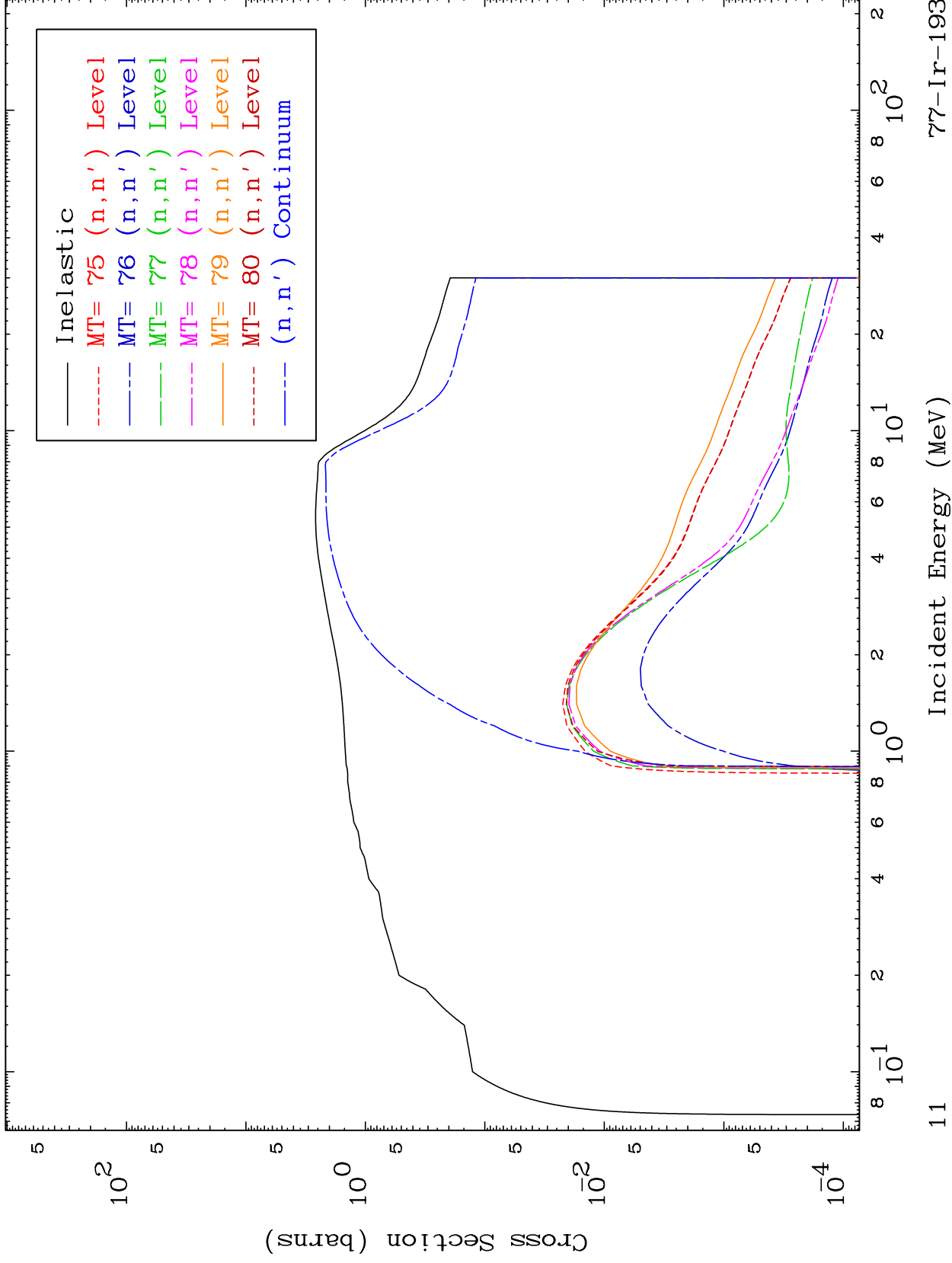
MAT 7731

(n,n') Levels

77-Ir-193

293 Kelvin Cross Sections

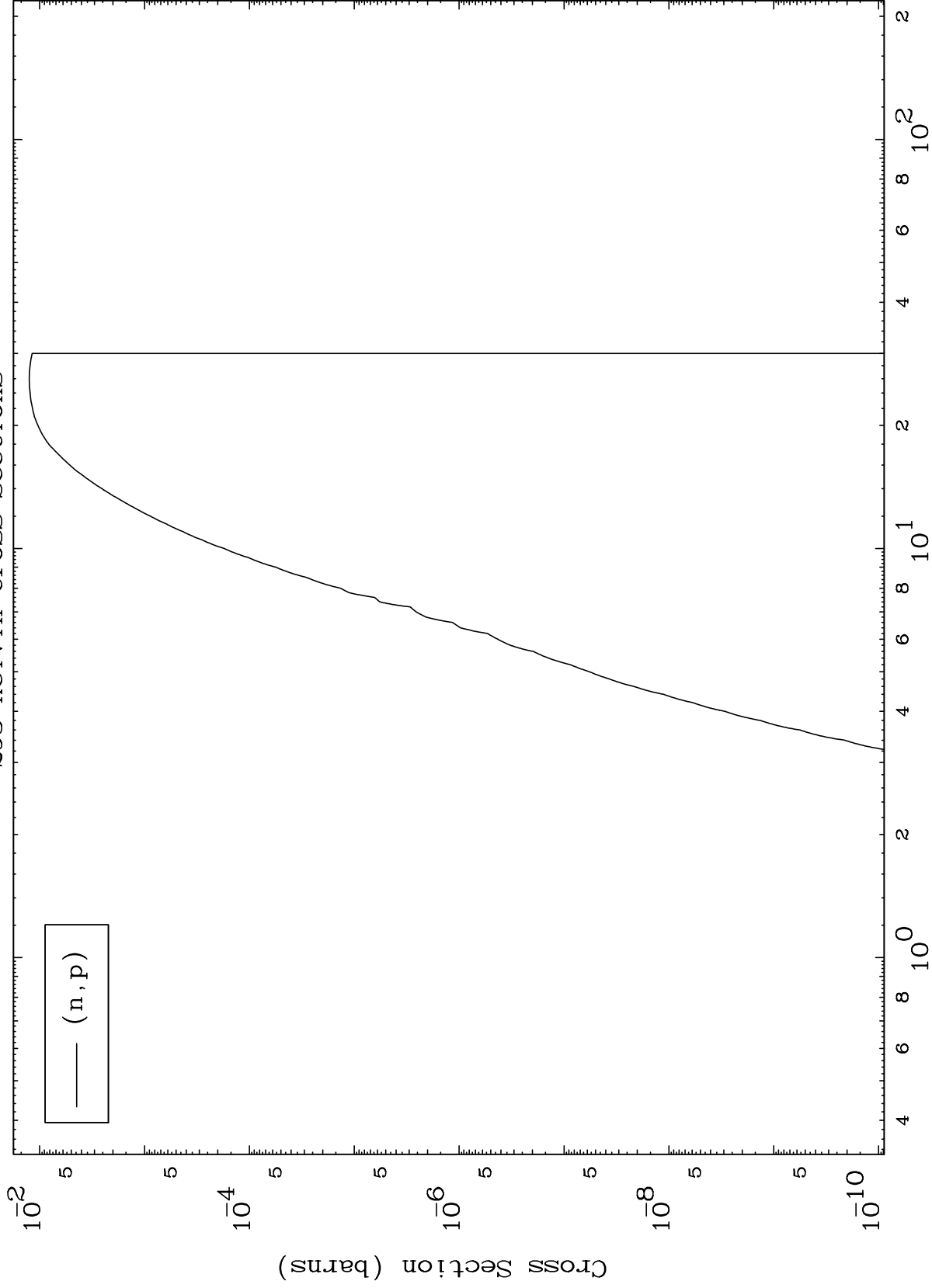




MAT 7731

(n,p) Levels
293 Kelvin Cross Sections

77-Ir-193



12

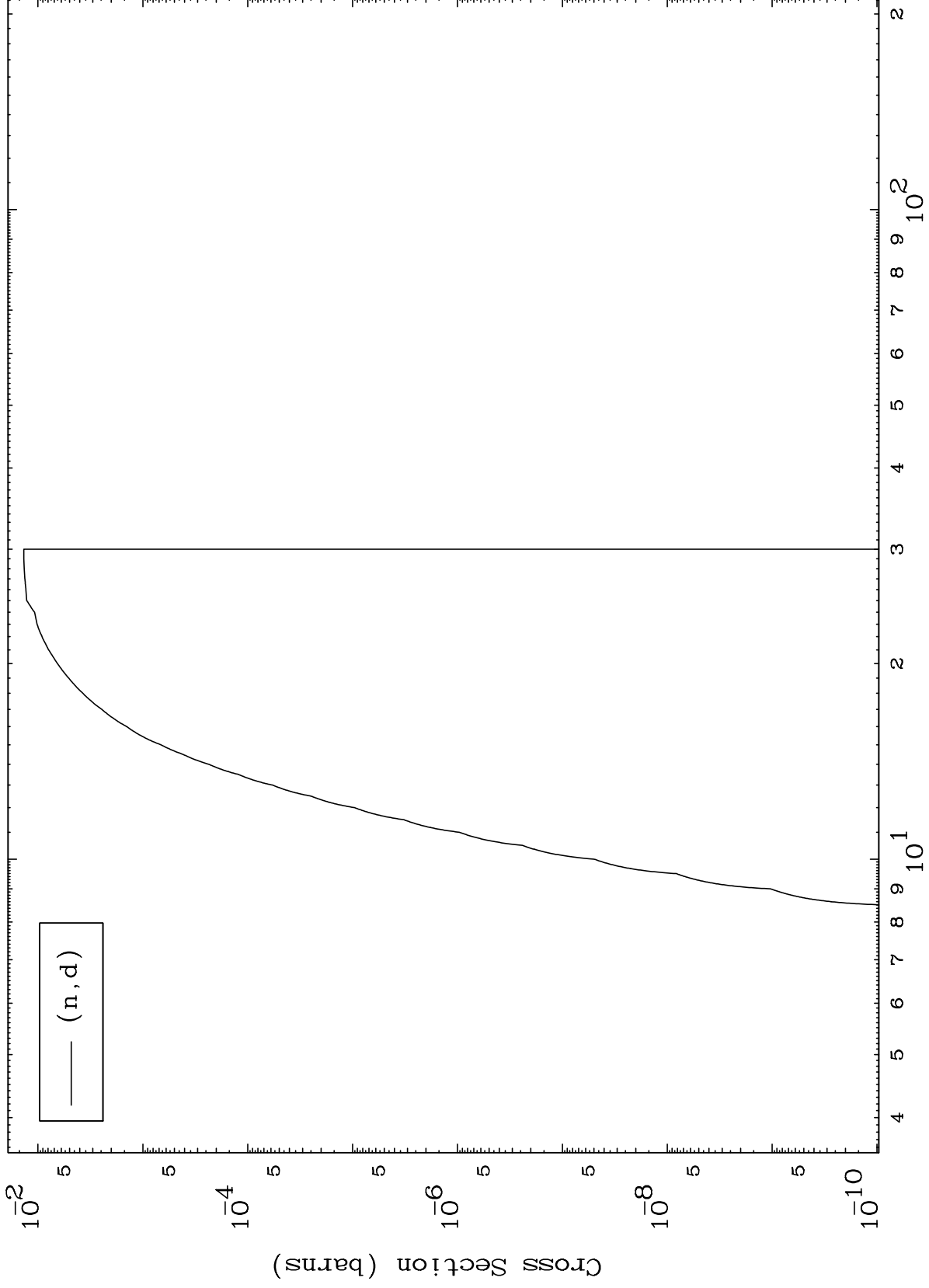
Incident Energy (MeV)

77-Ir-193

MAT 7731

(n,d) Levels
293 Kelvin Cross Sections

77-Ir-193



13

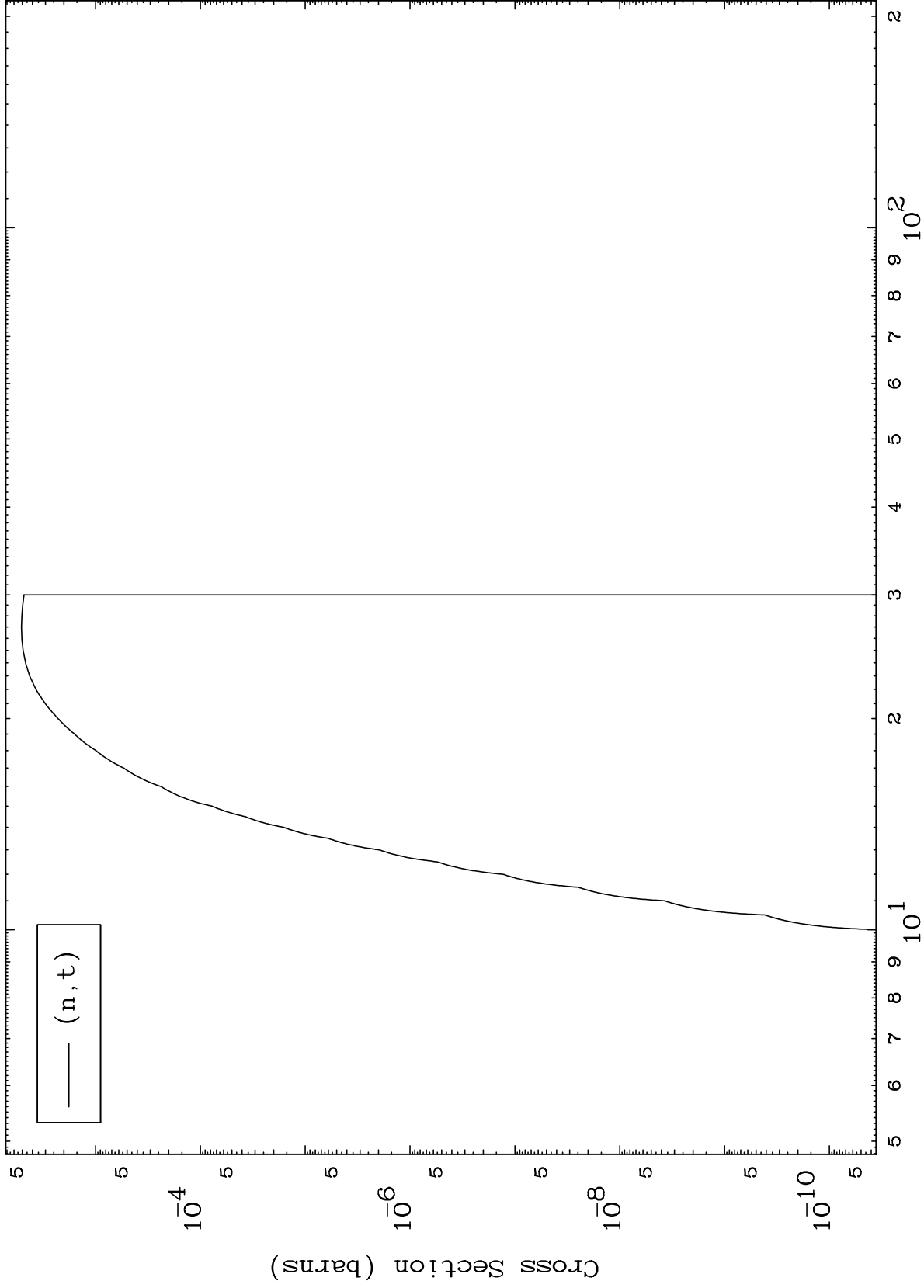
Incident Energy (MeV)

77-Ir-193

MAT 7731

(n,t) Levels
293 Kelvin Cross Sections

77-Ir-193



14

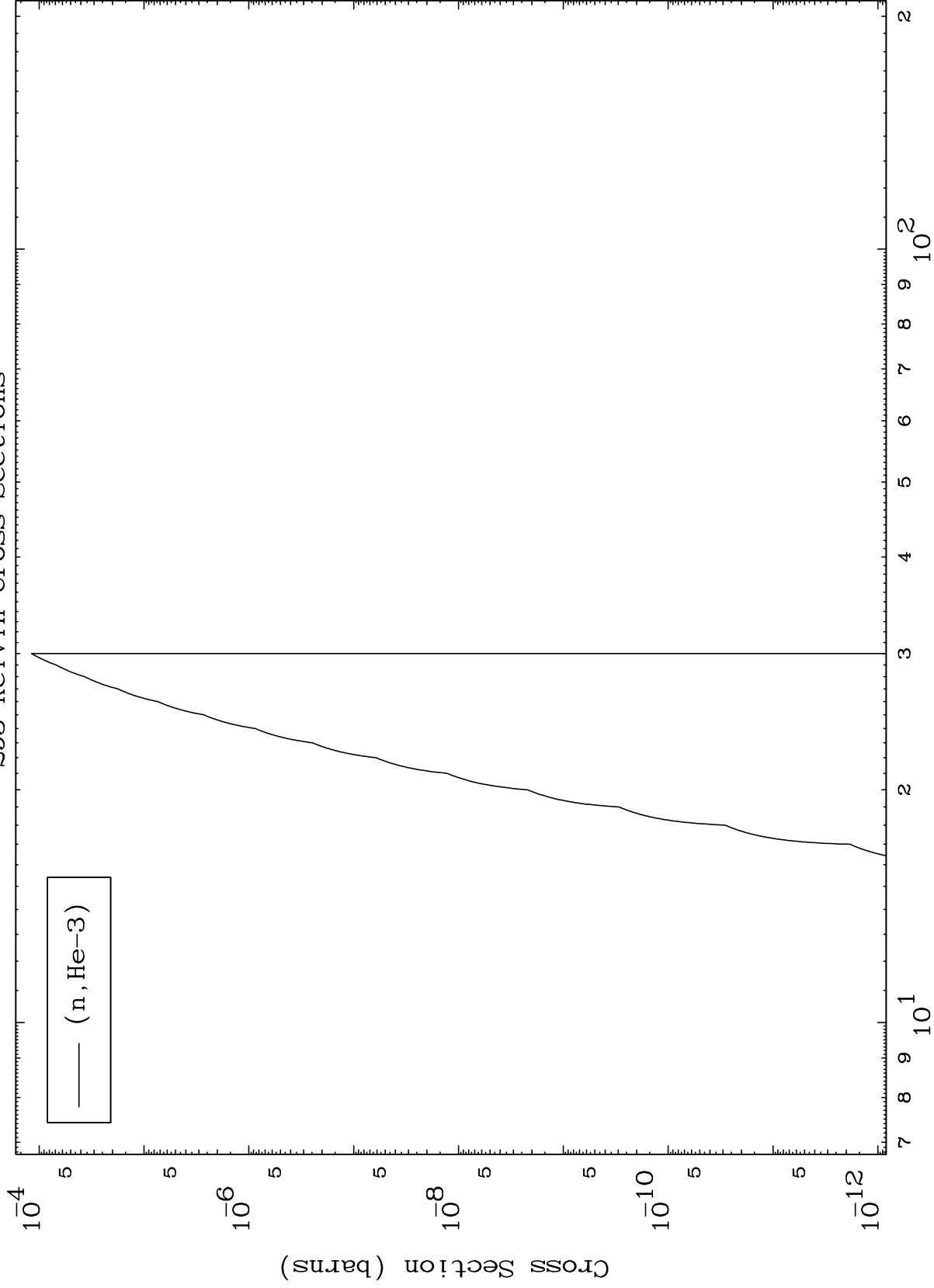
Incident Energy (MeV)

77-Ir-193

MAT 7731

(n,He3) Levels
293 Kelvin Cross Sections

77-Ir-193



15

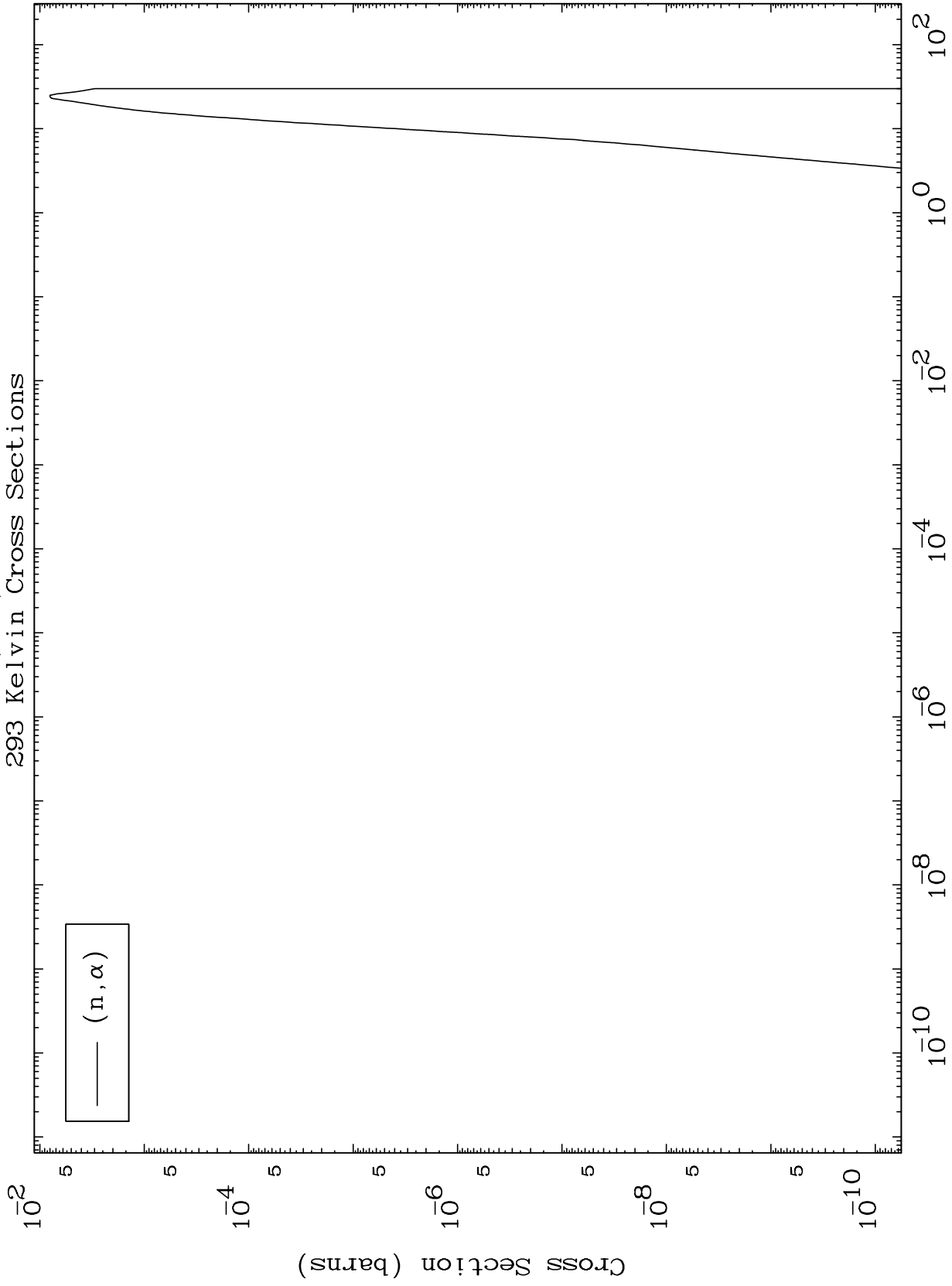
Incident Energy (MeV)

77-Ir-193

MAT 7731

(n, α) Levels
293 Kelvin Cross Sections

77-Ir-193

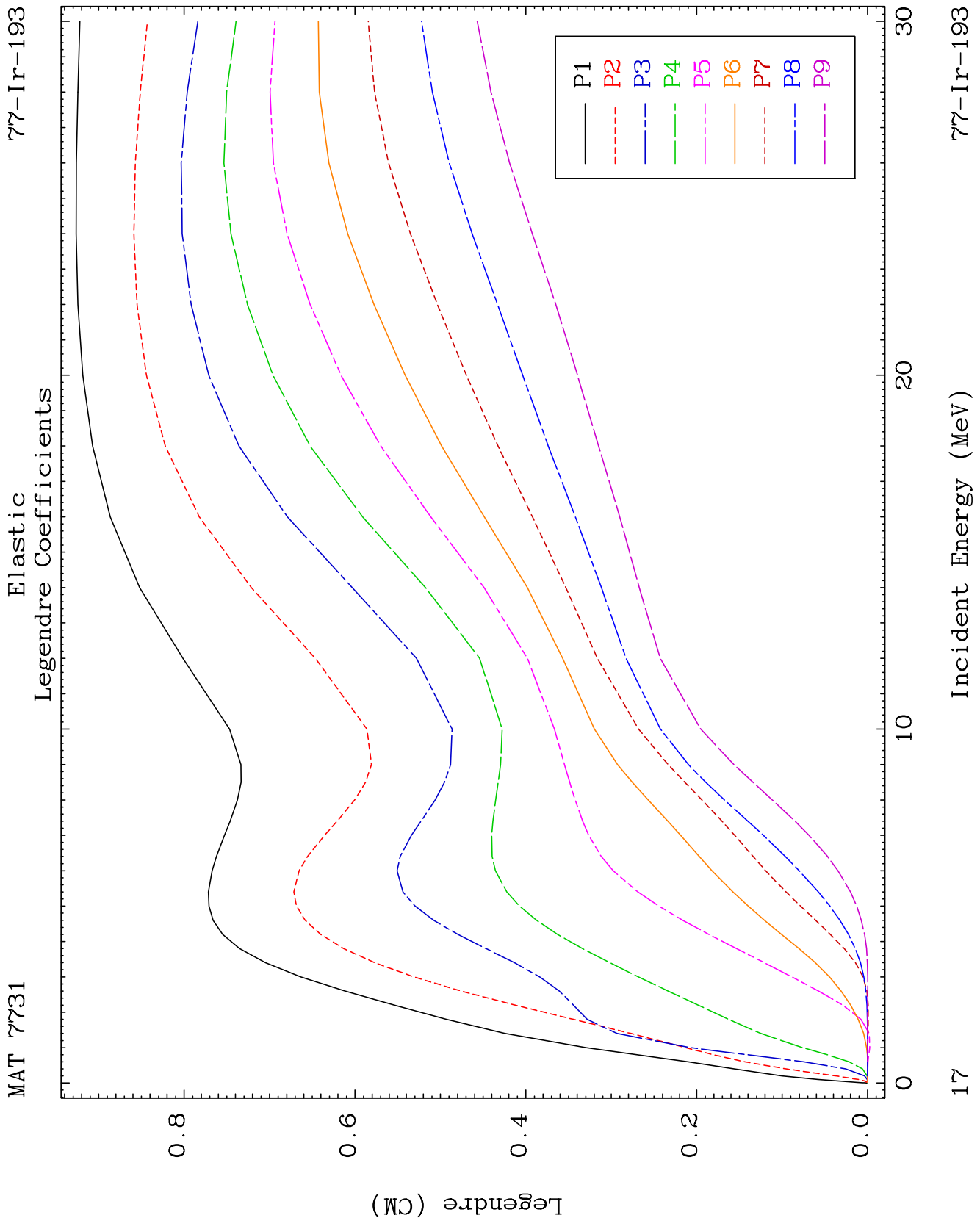


(n, α)

16

Incident Energy (MeV)

77-Ir-193



77-Ir-193

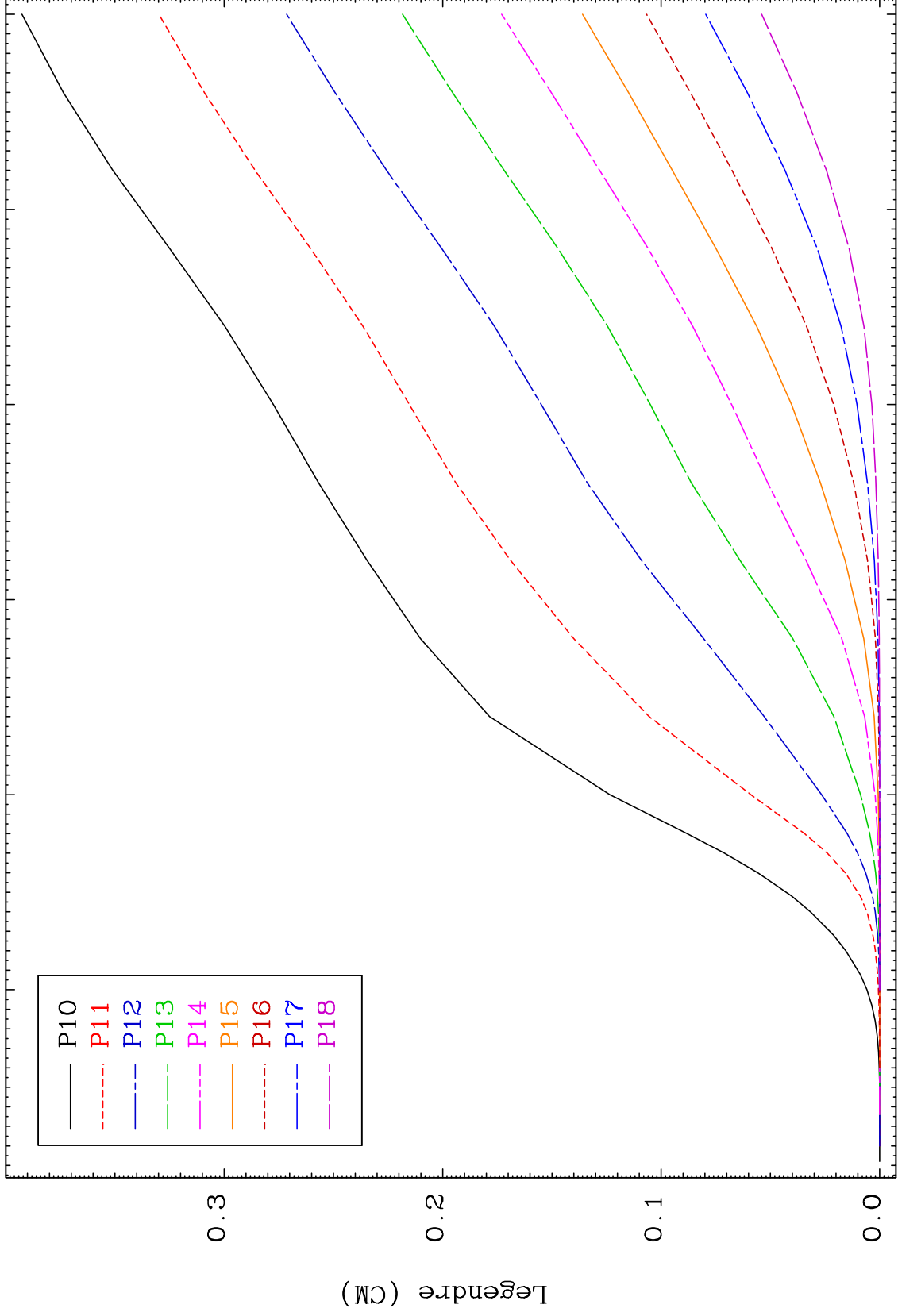
Incident Energy (MeV)

17

MAT 7731

Elastic Legendre Coefficients

77-Ir-193



18

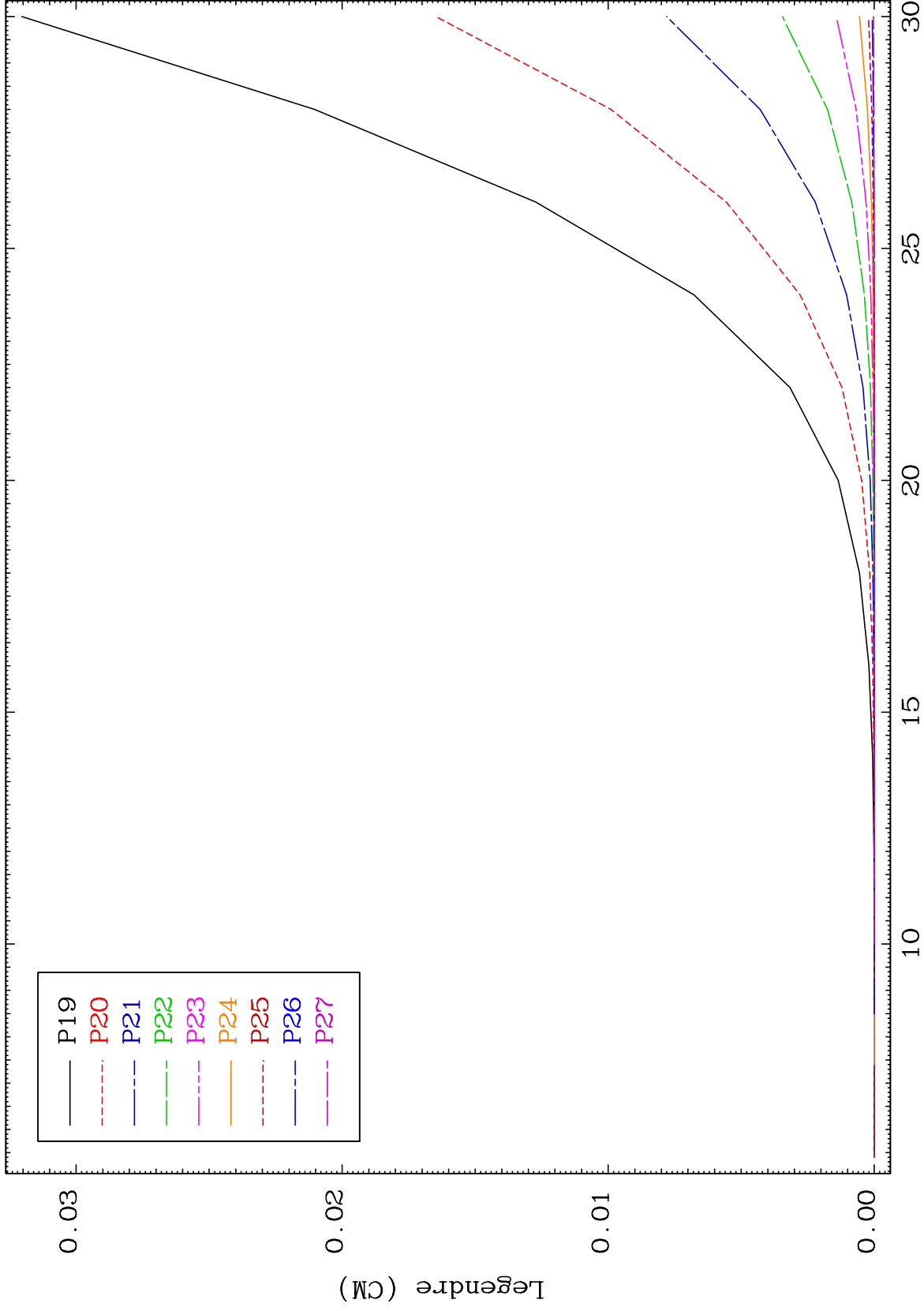
Incident Energy (MeV)

77-Ir-193

MAT 7731

Elastic Legendre Coefficients

77-Ir-193



19

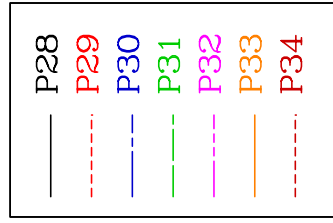
Incident Energy (MeV)

77-Ir-193

MAT 7731

Elastic
Legendre Coefficients

77-Ir-193



$\times 10^{-6}$

Legendre (CM)

8

6

4

2

0

15

20

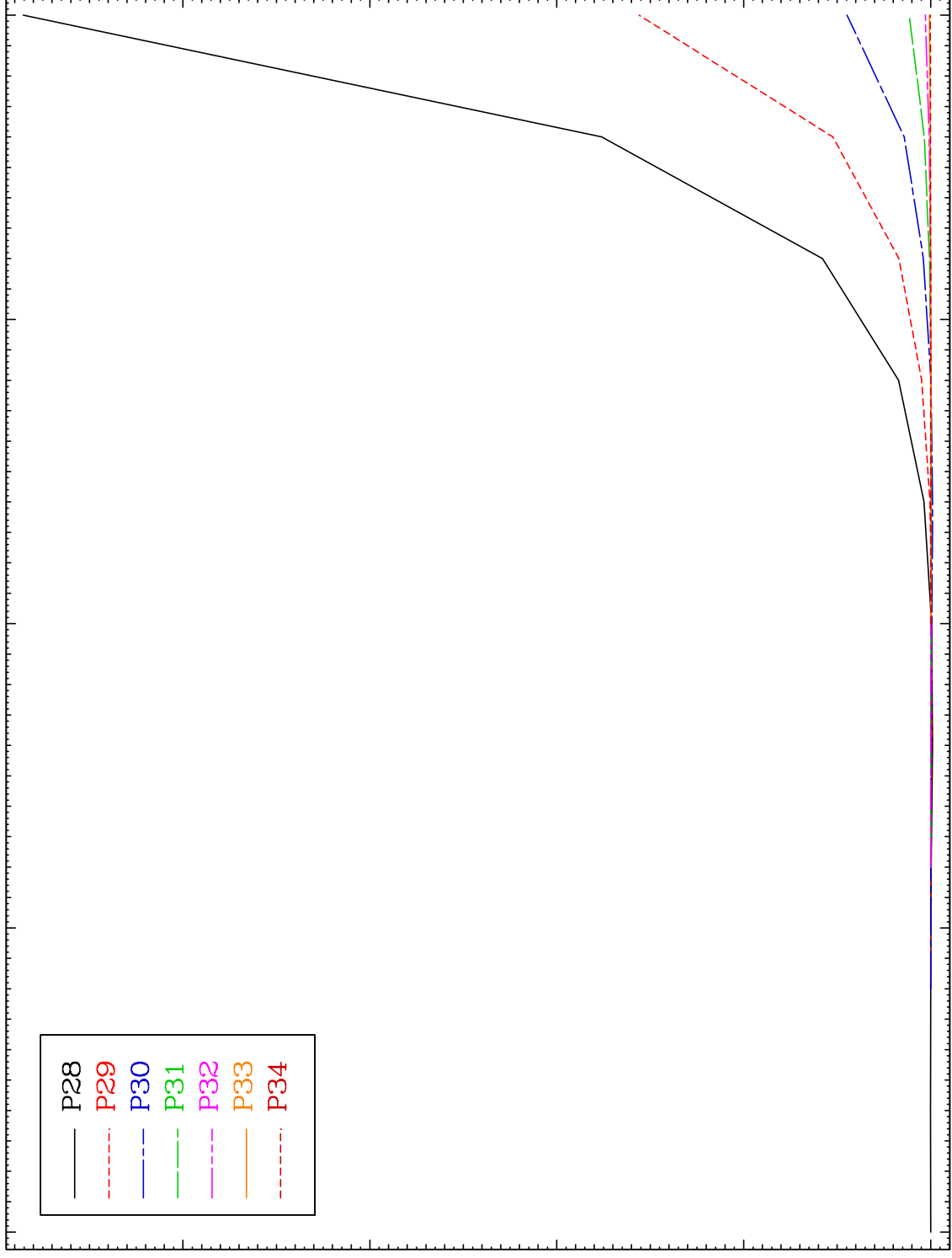
25

30

20

Incident Energy (MeV)

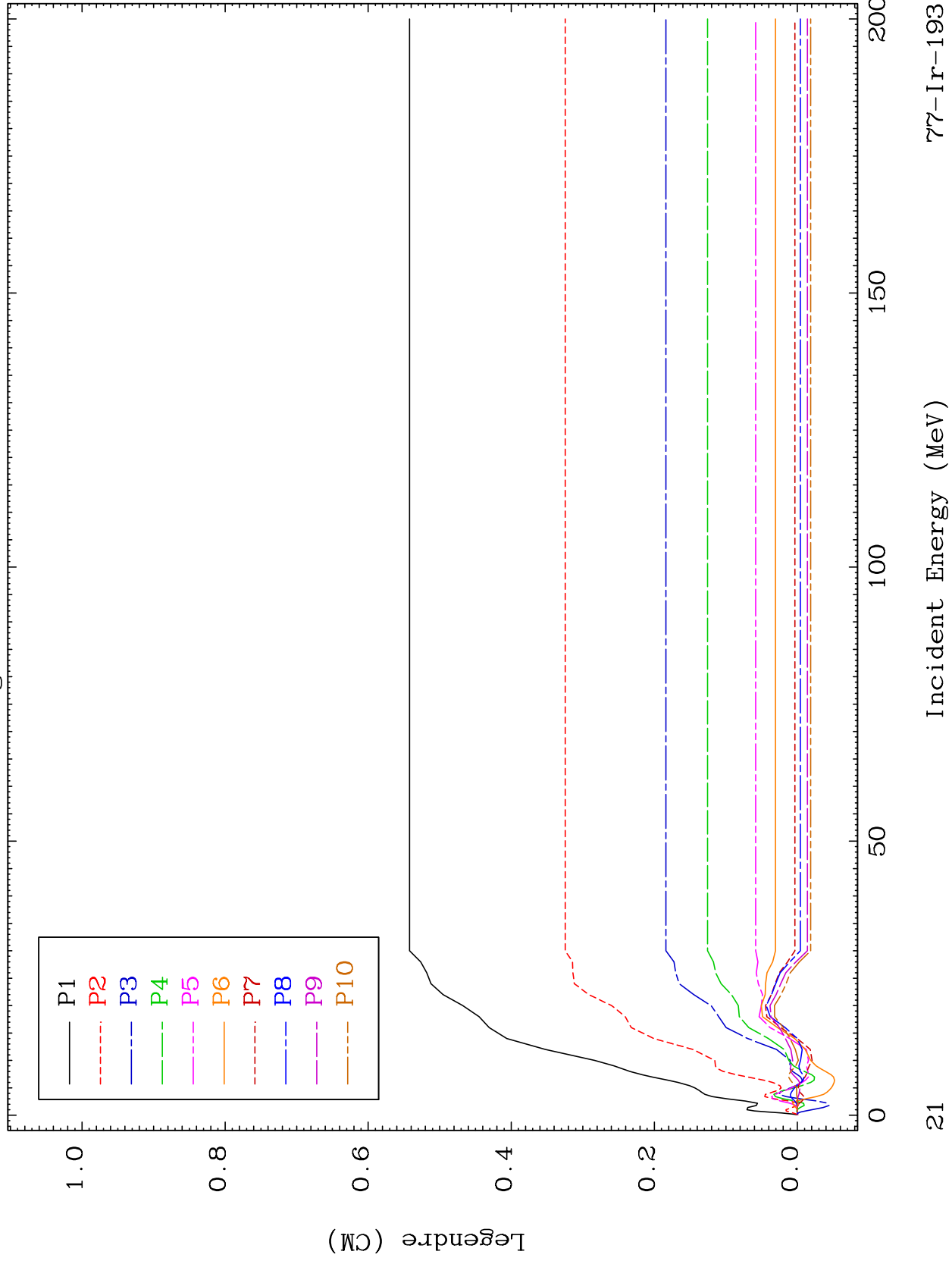
77-Ir-193



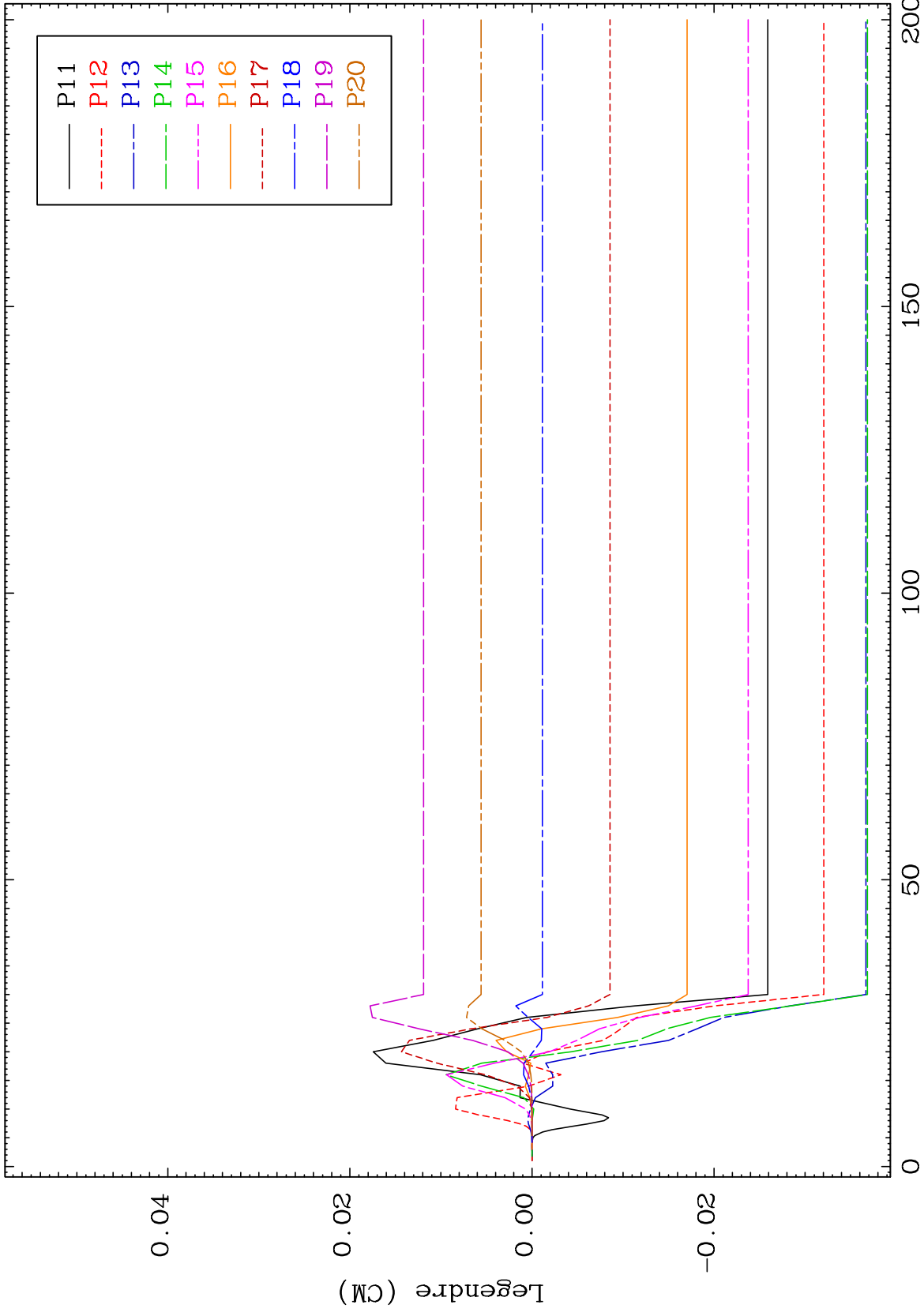
MAT 7731

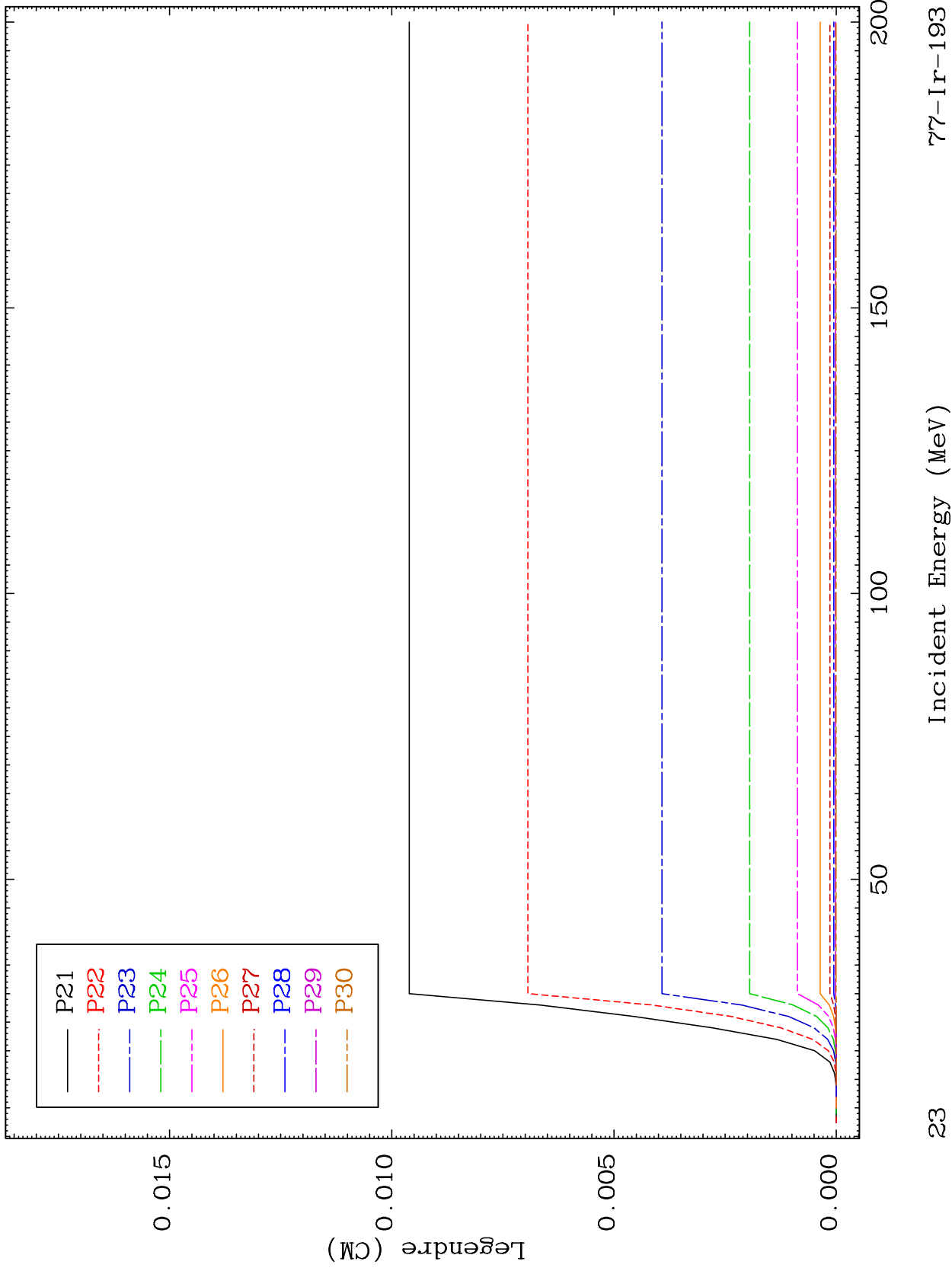
MT= 51 (n,n') Level
Legendre Coefficients

77-Ir-193



21

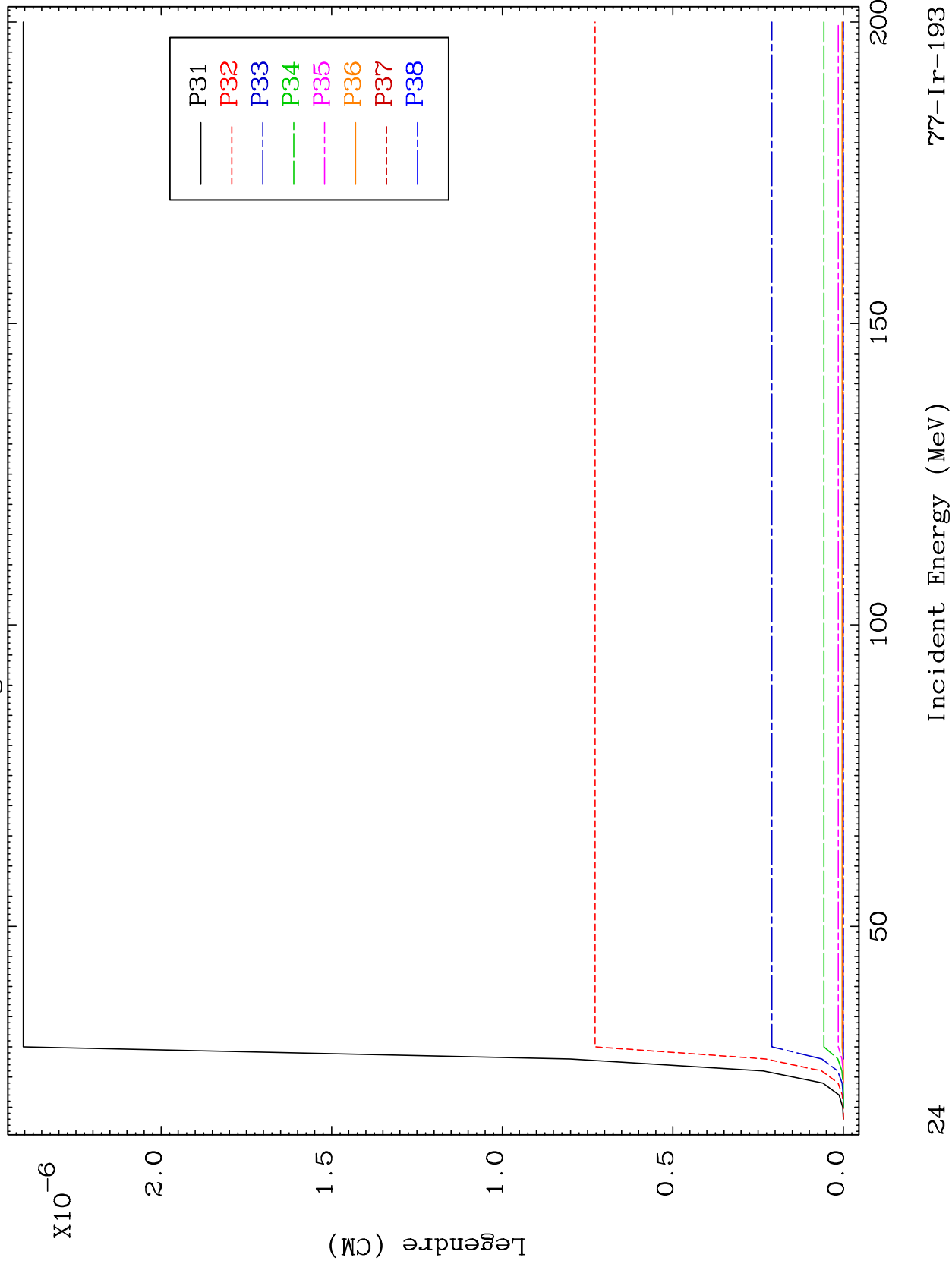




MAT 7731

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

77-Ir-193

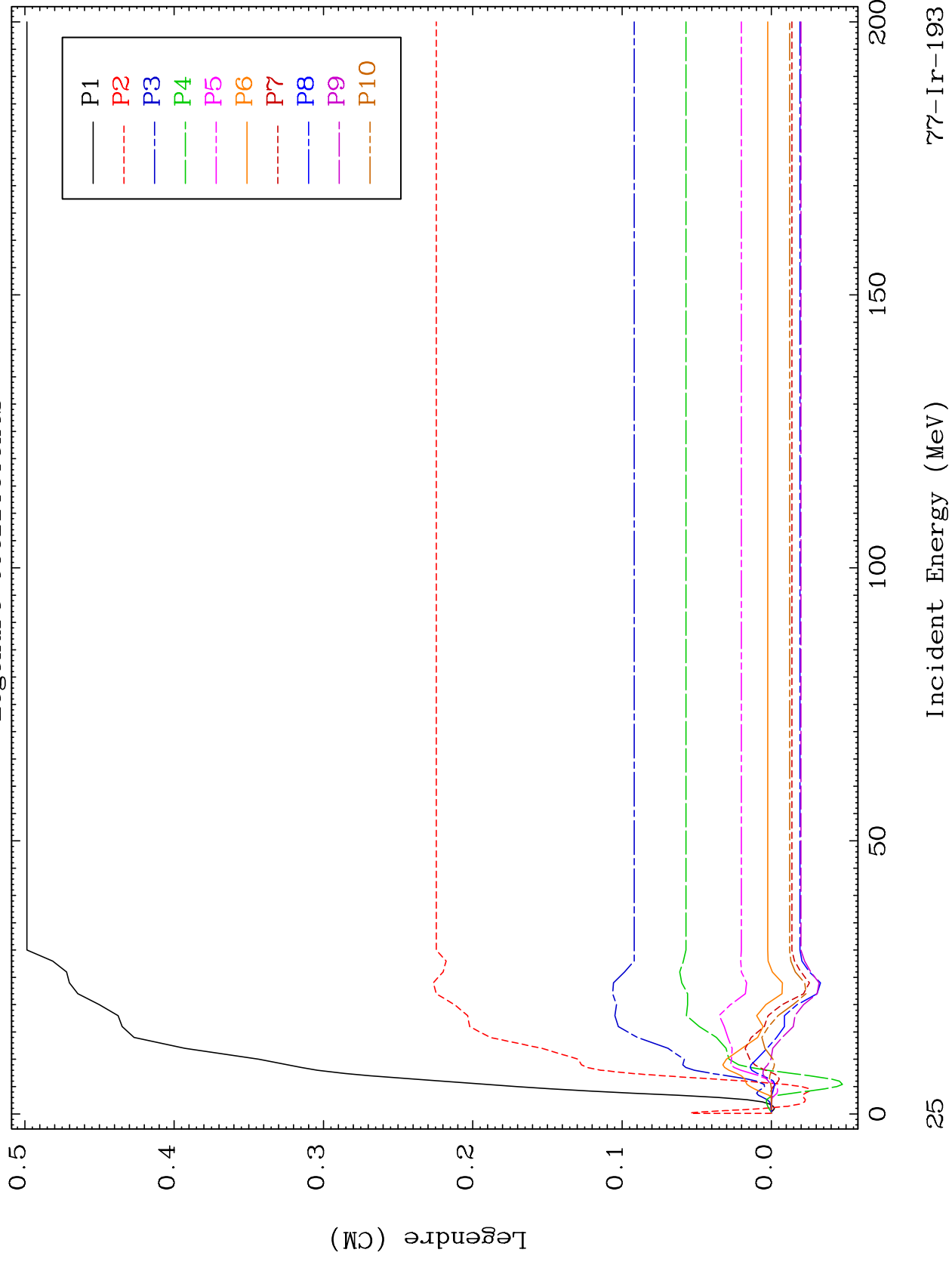


24

MAT 7731

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

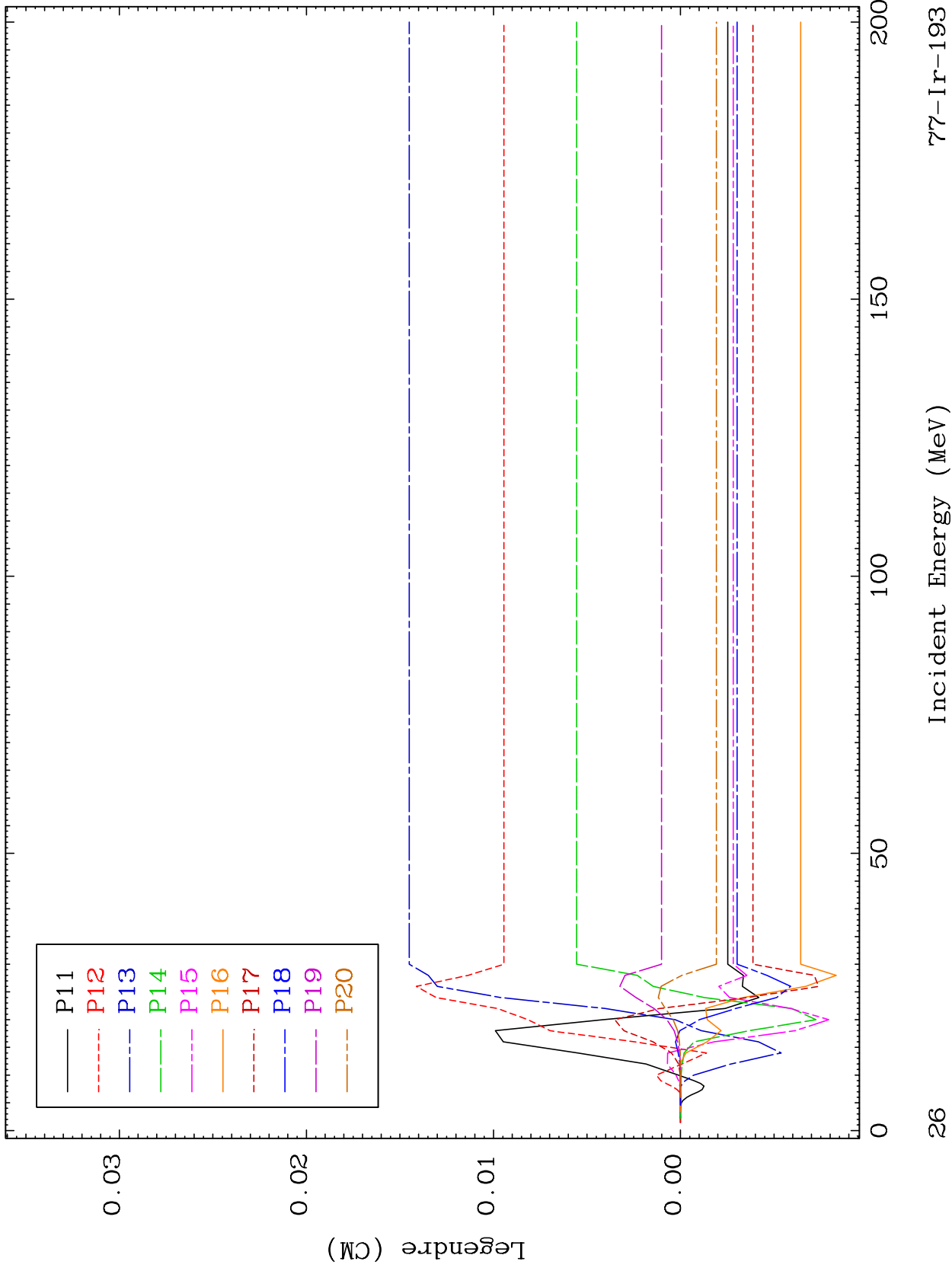
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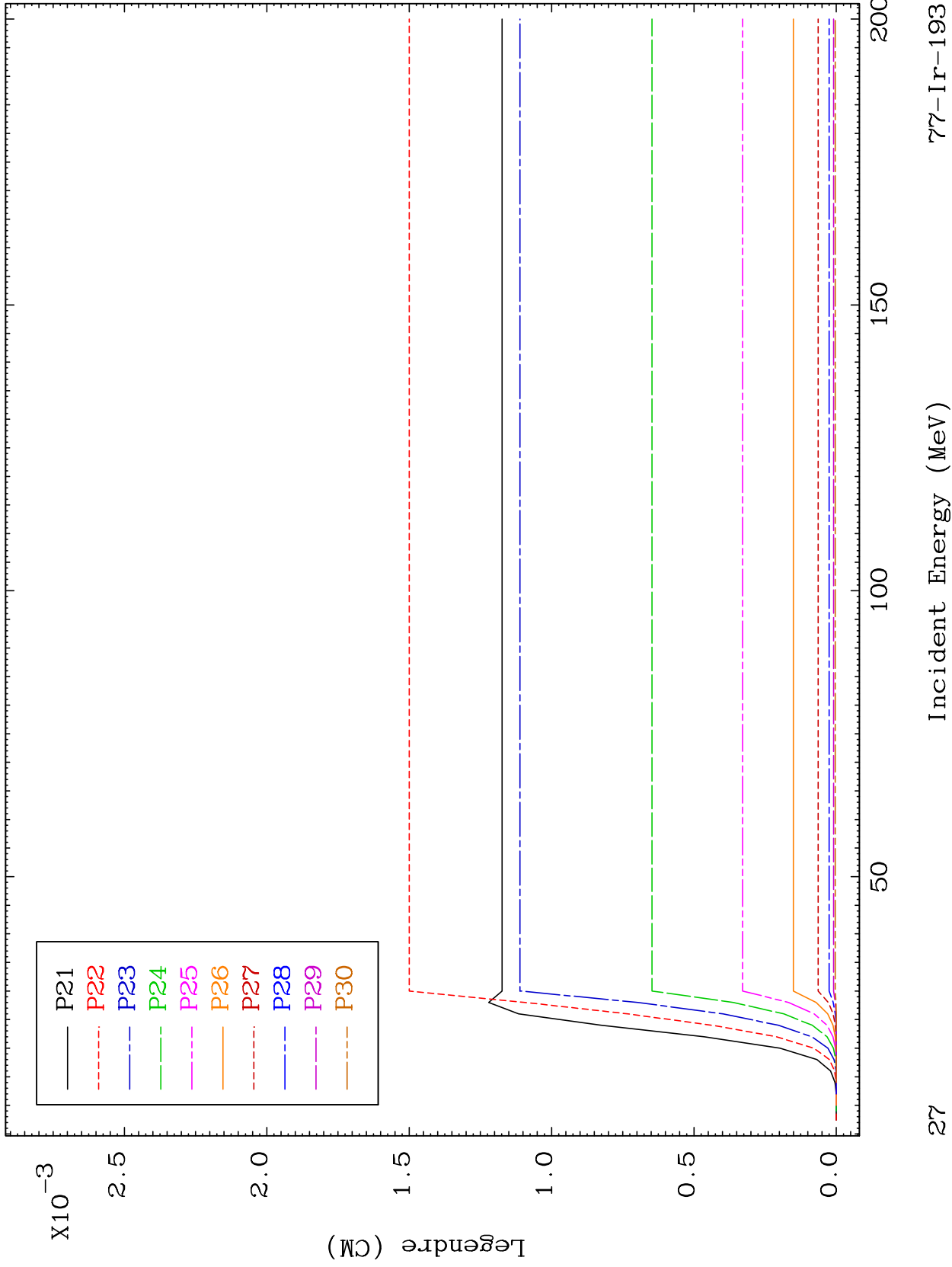


77-Ir-193

Incident Energy (MeV)

25

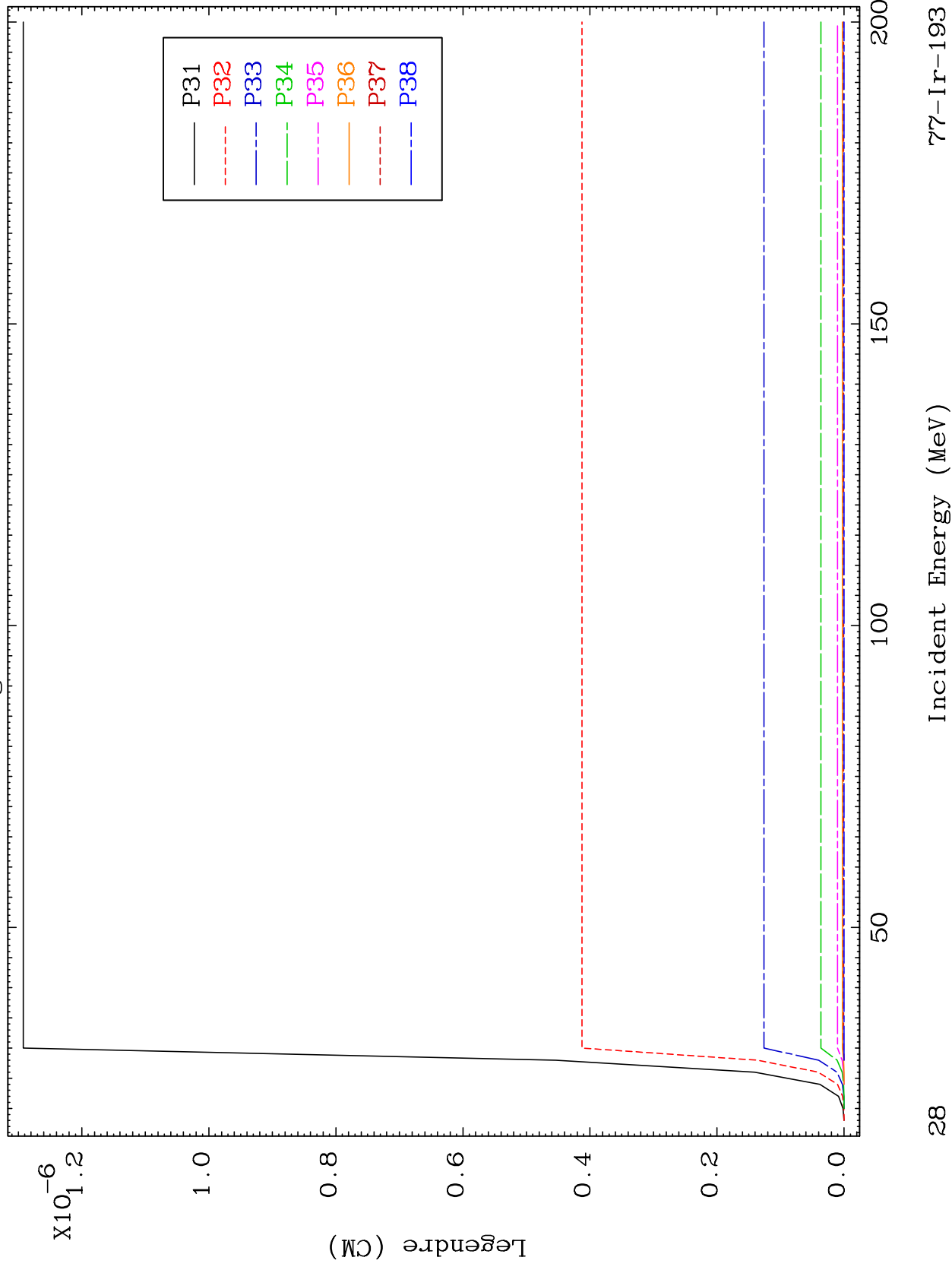




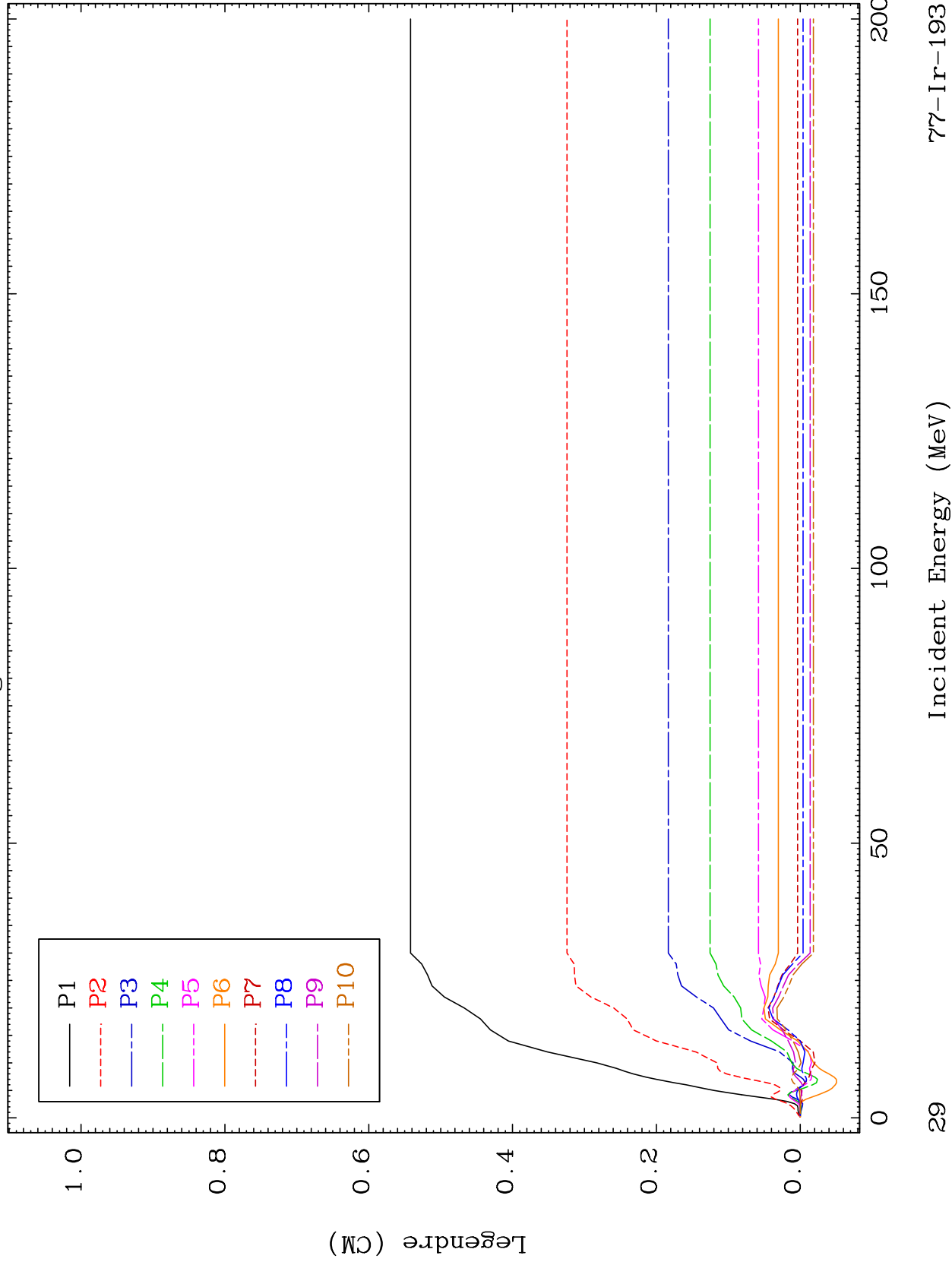
MAT 7731

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

77-Ir-193



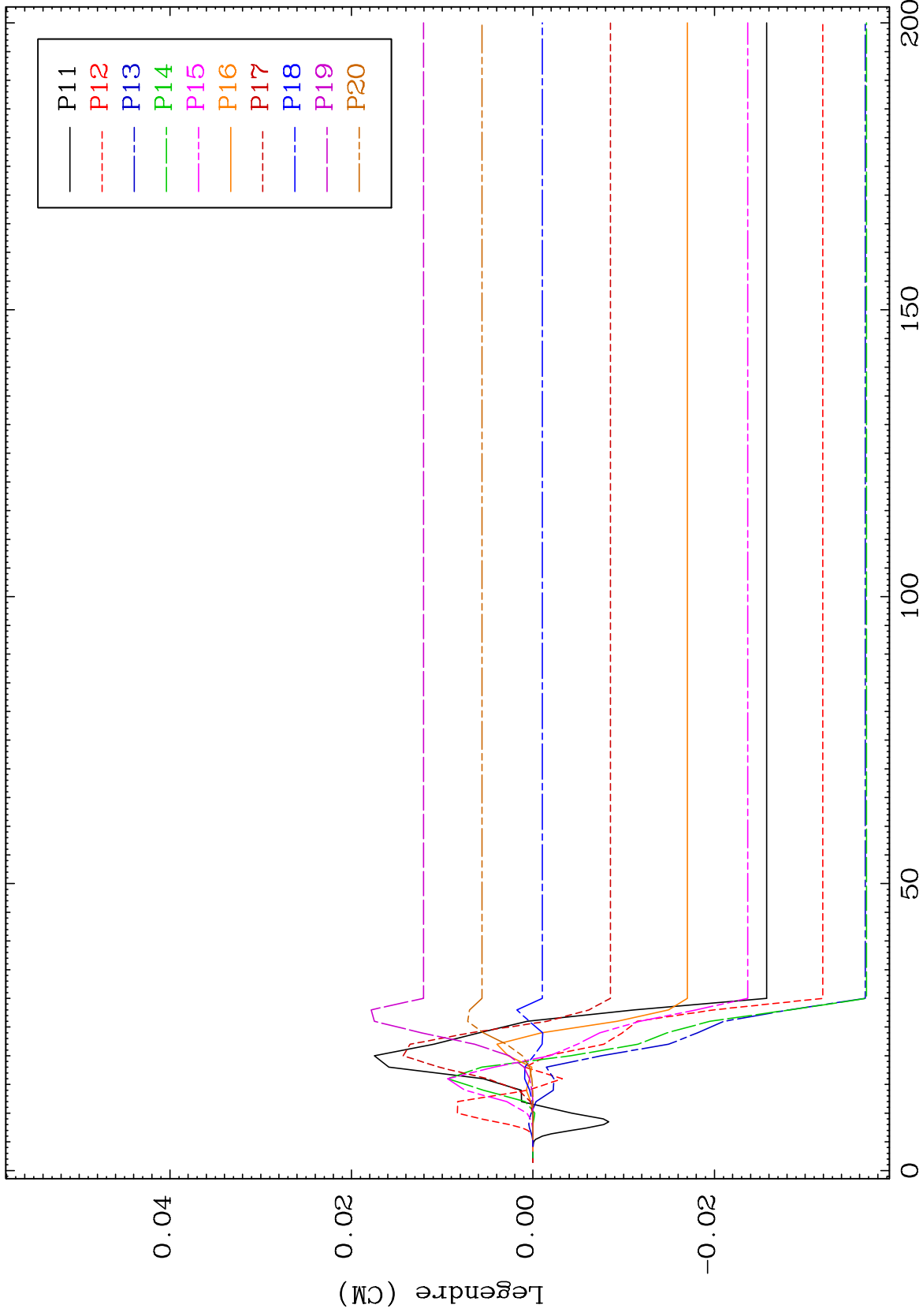
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MAT 7731

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

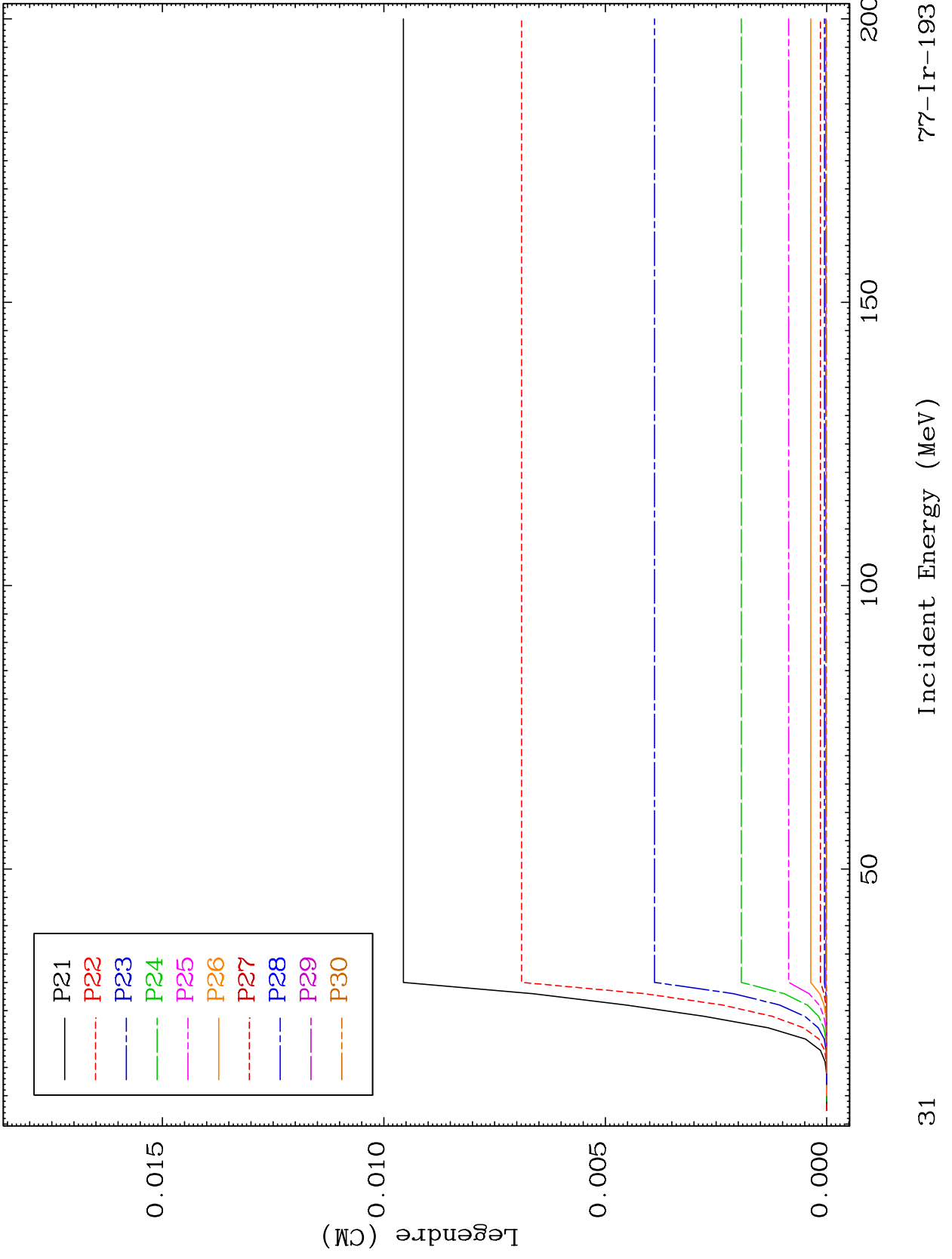
77-Ir-193



30

Incident Energy (MeV)

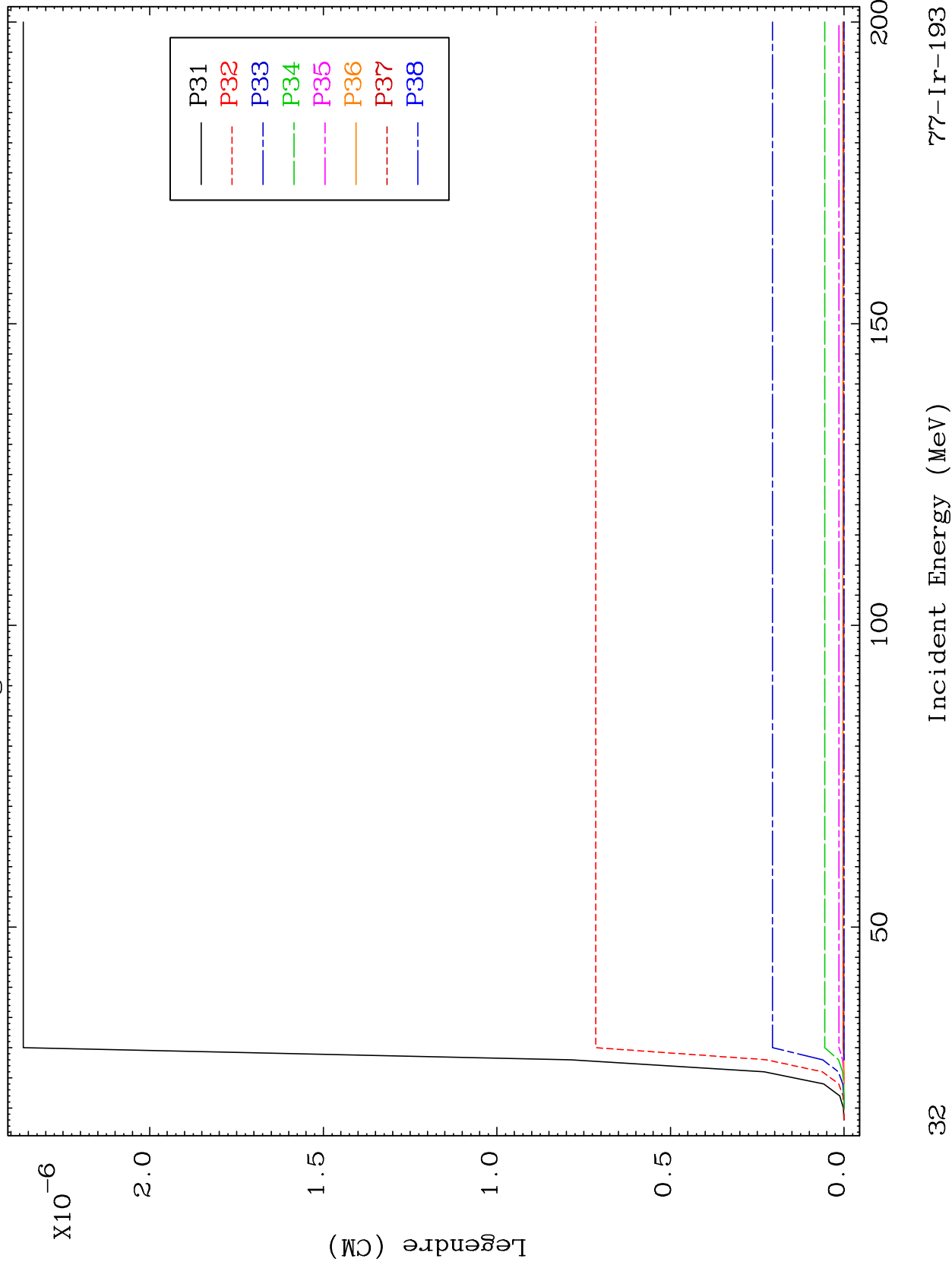
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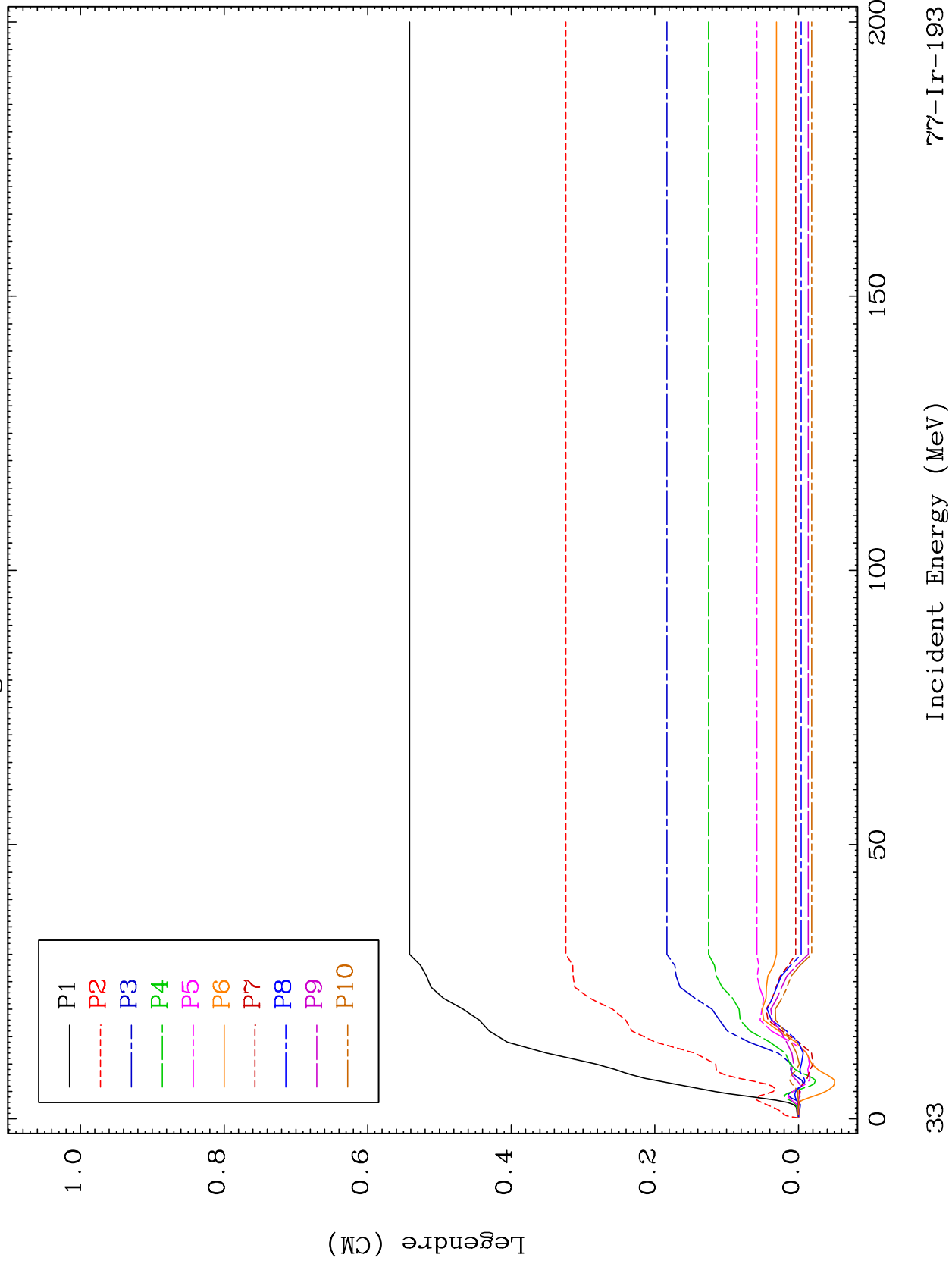


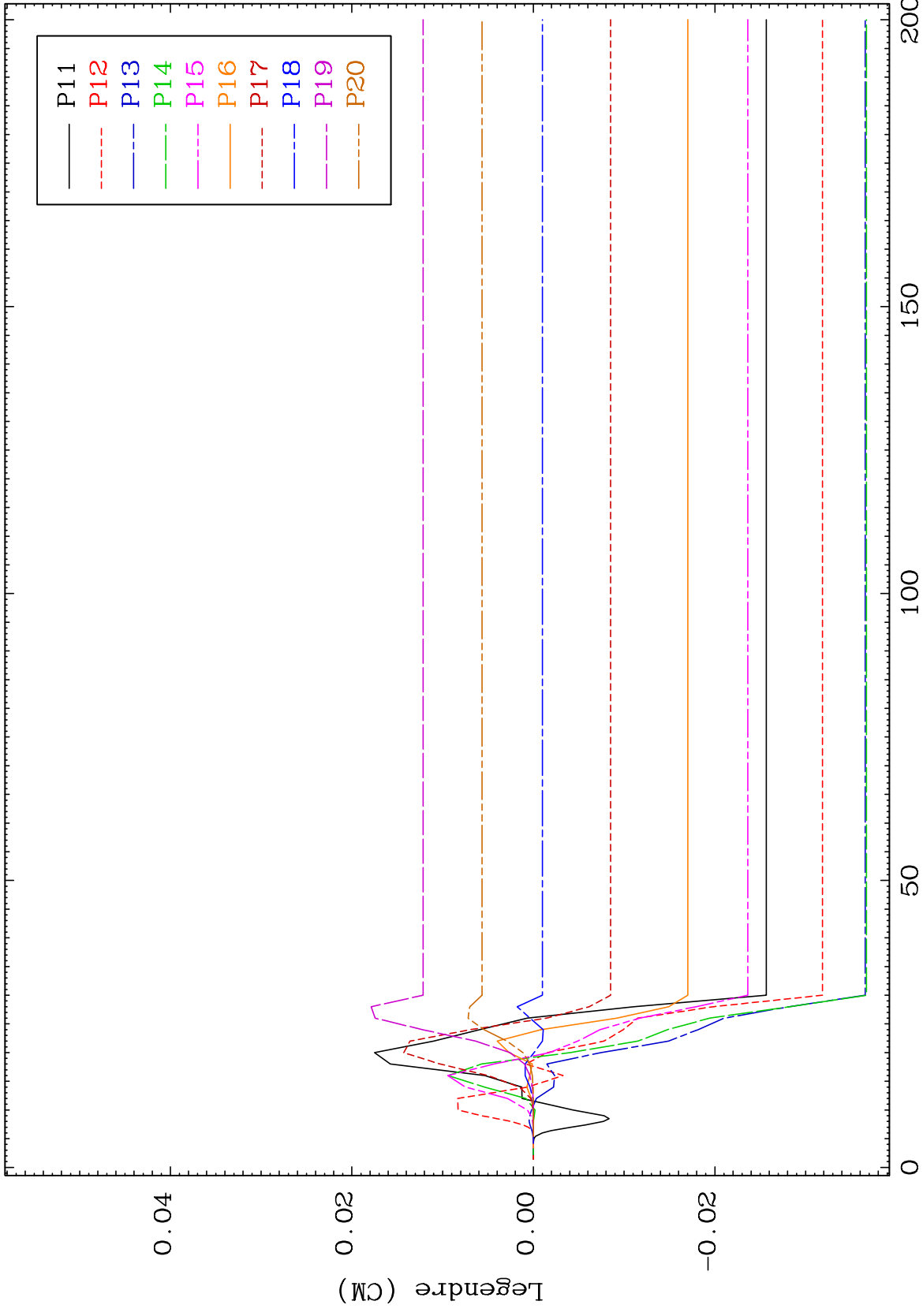
MAT 7731

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

77-Ir-193



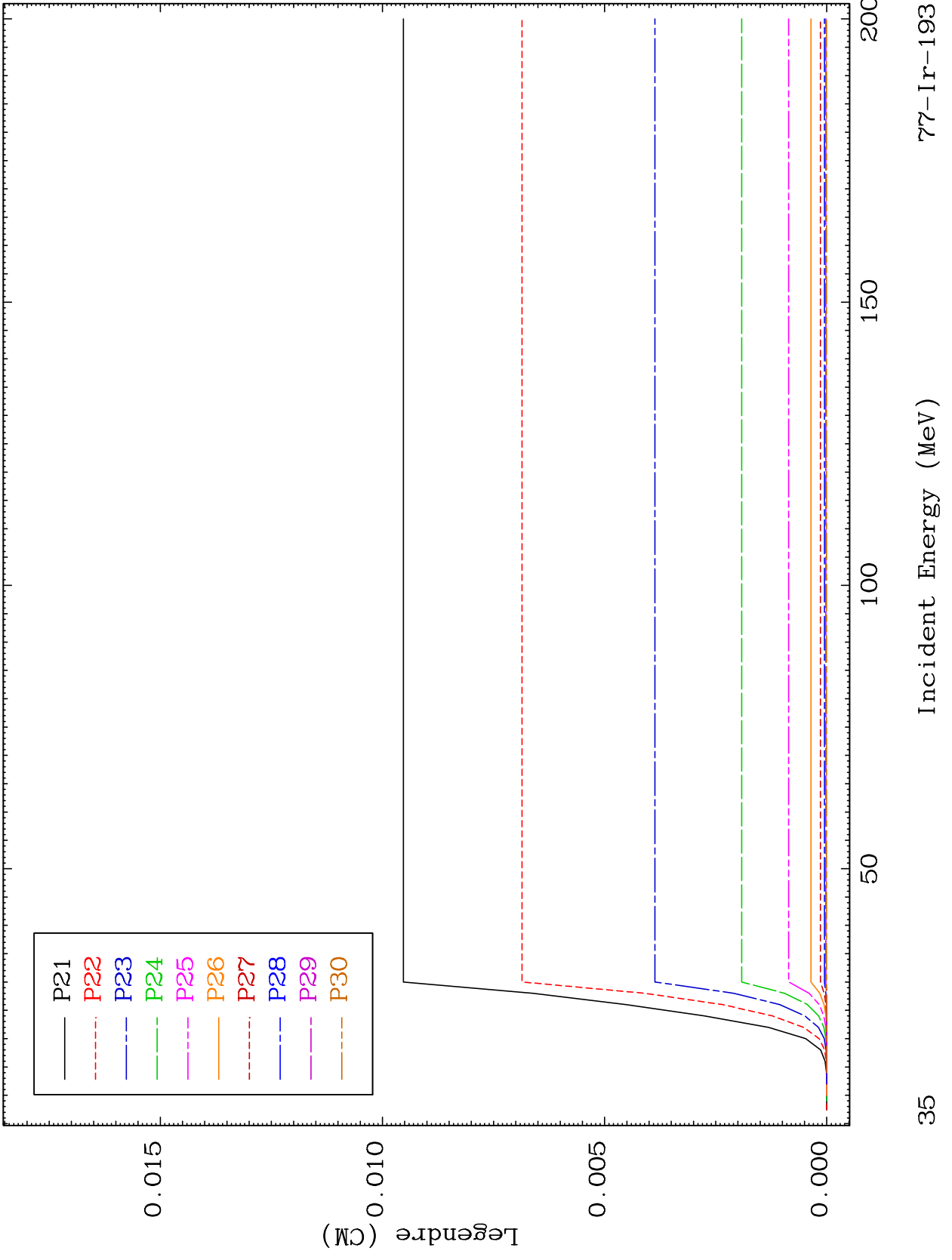




MAT 7731

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

77-Ir-193



35

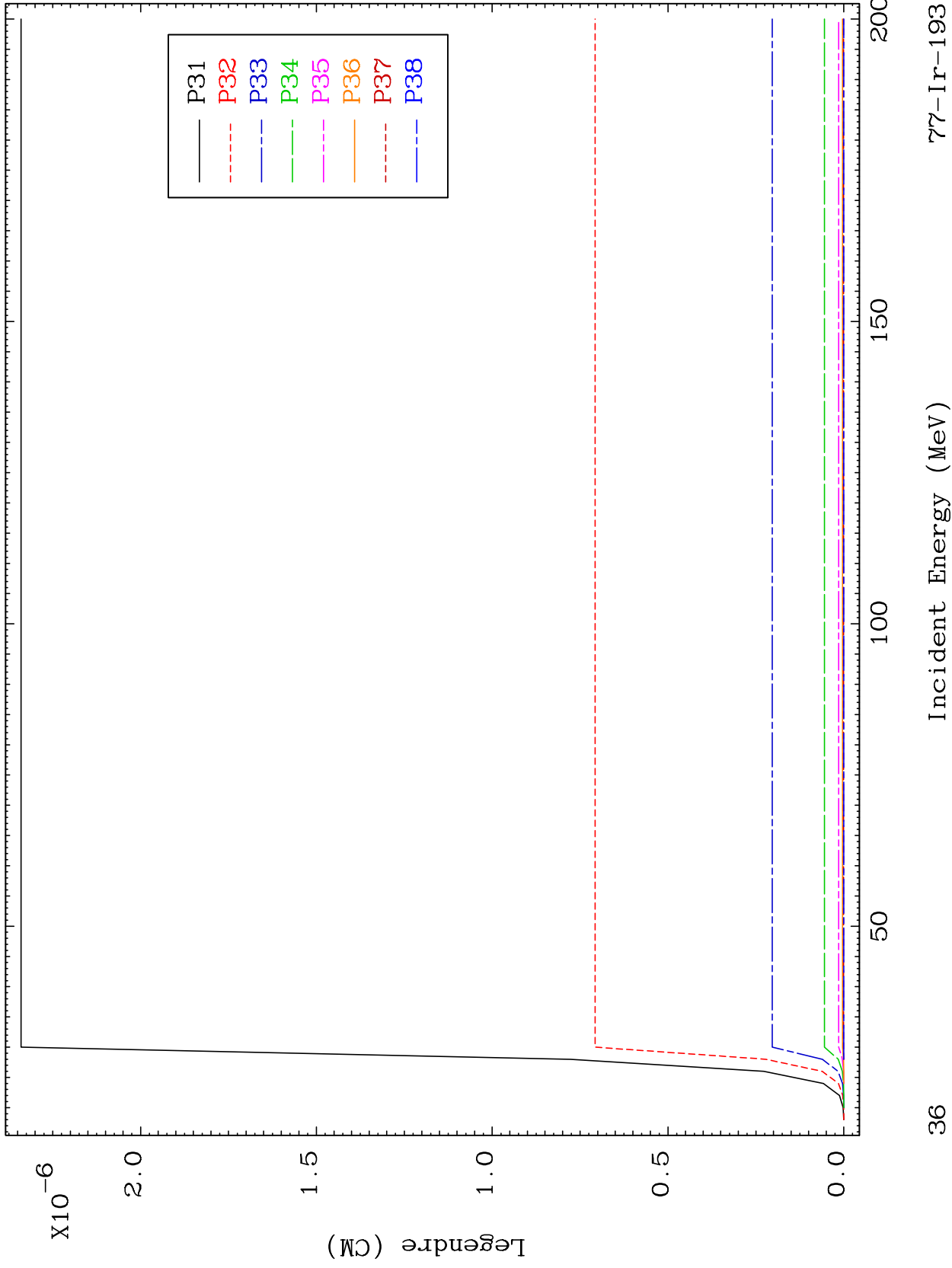
Incident Energy (MeV)

77-Ir-193

MAT 7731

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

77-Ir-193



36

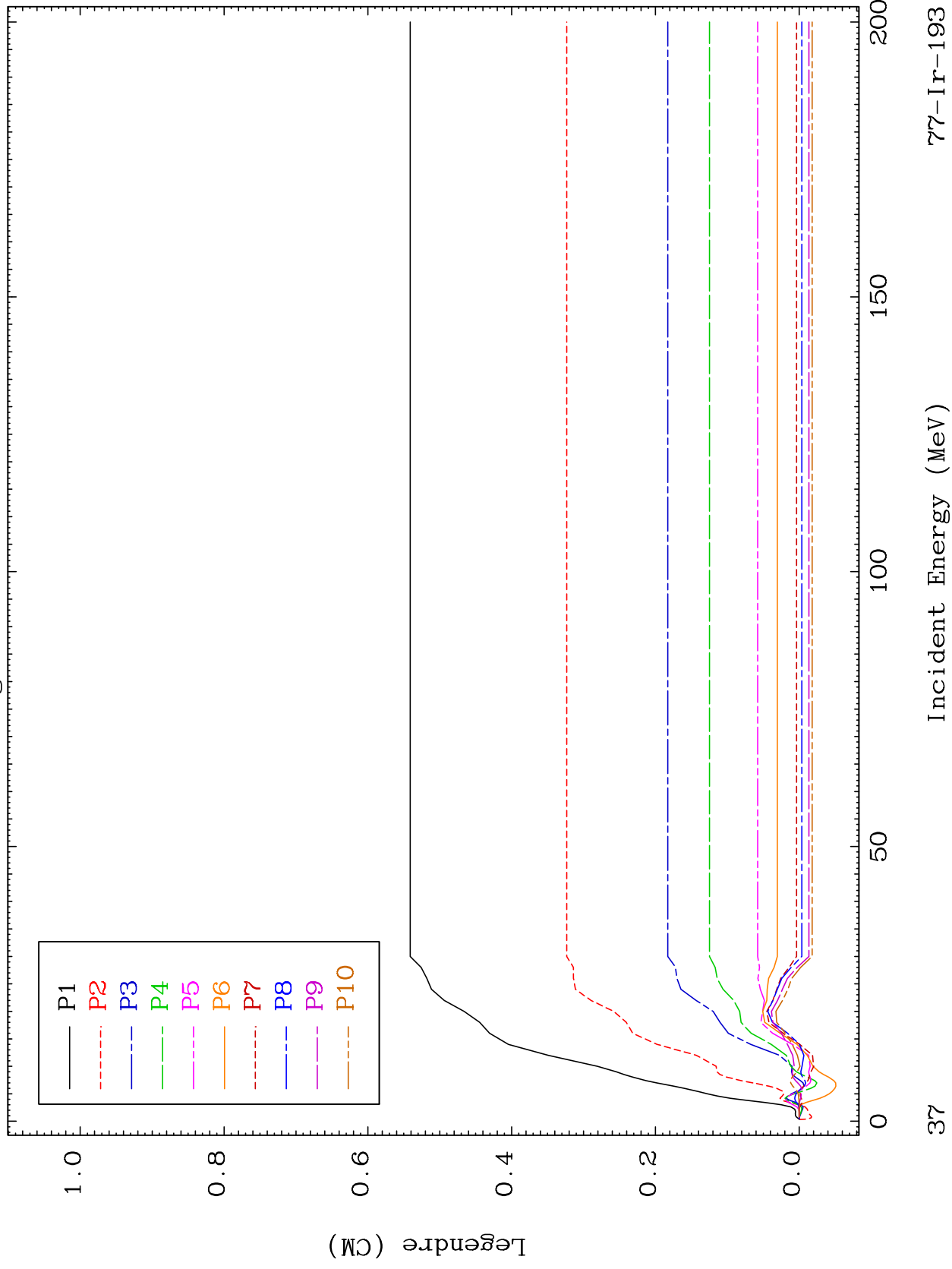
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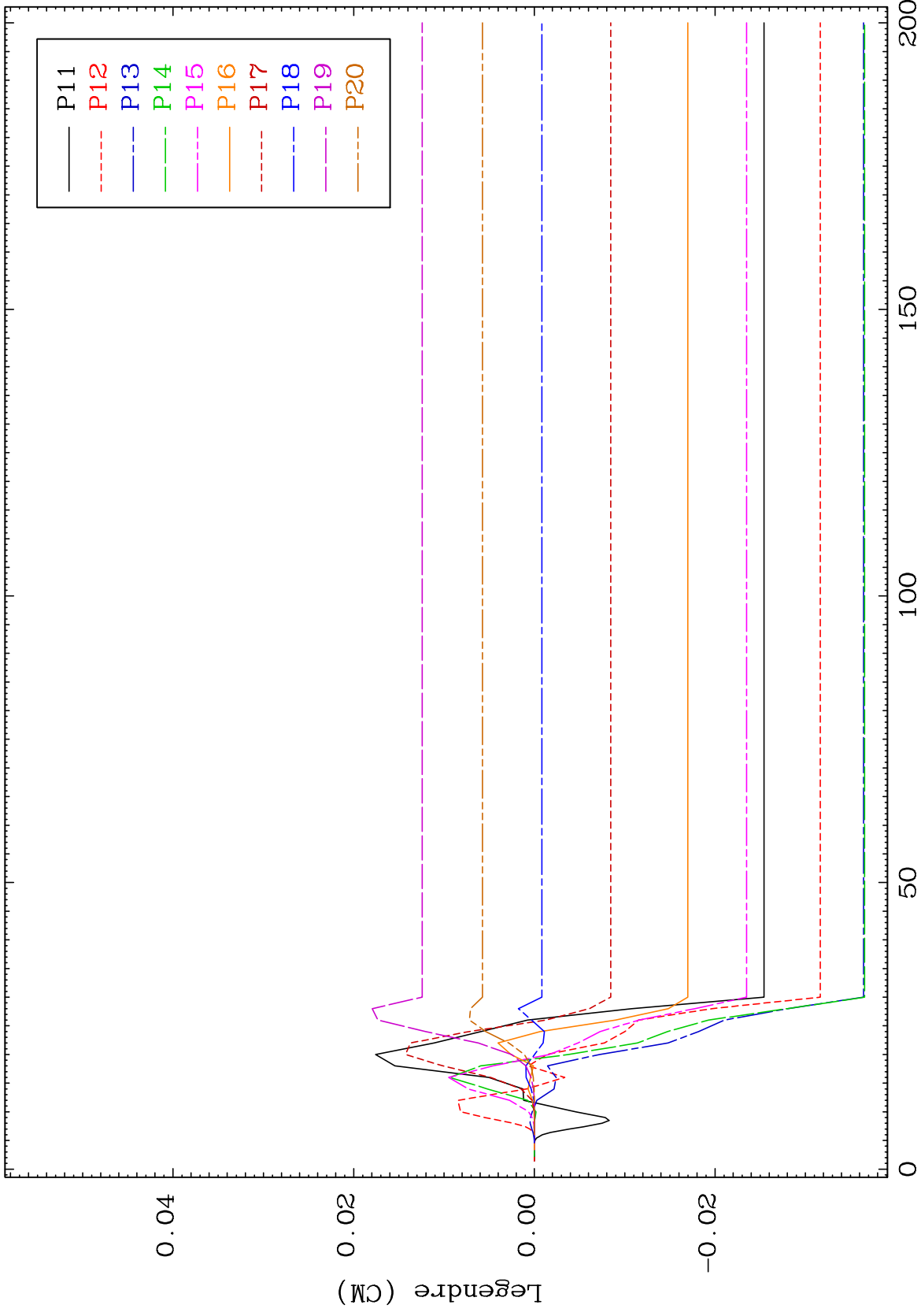
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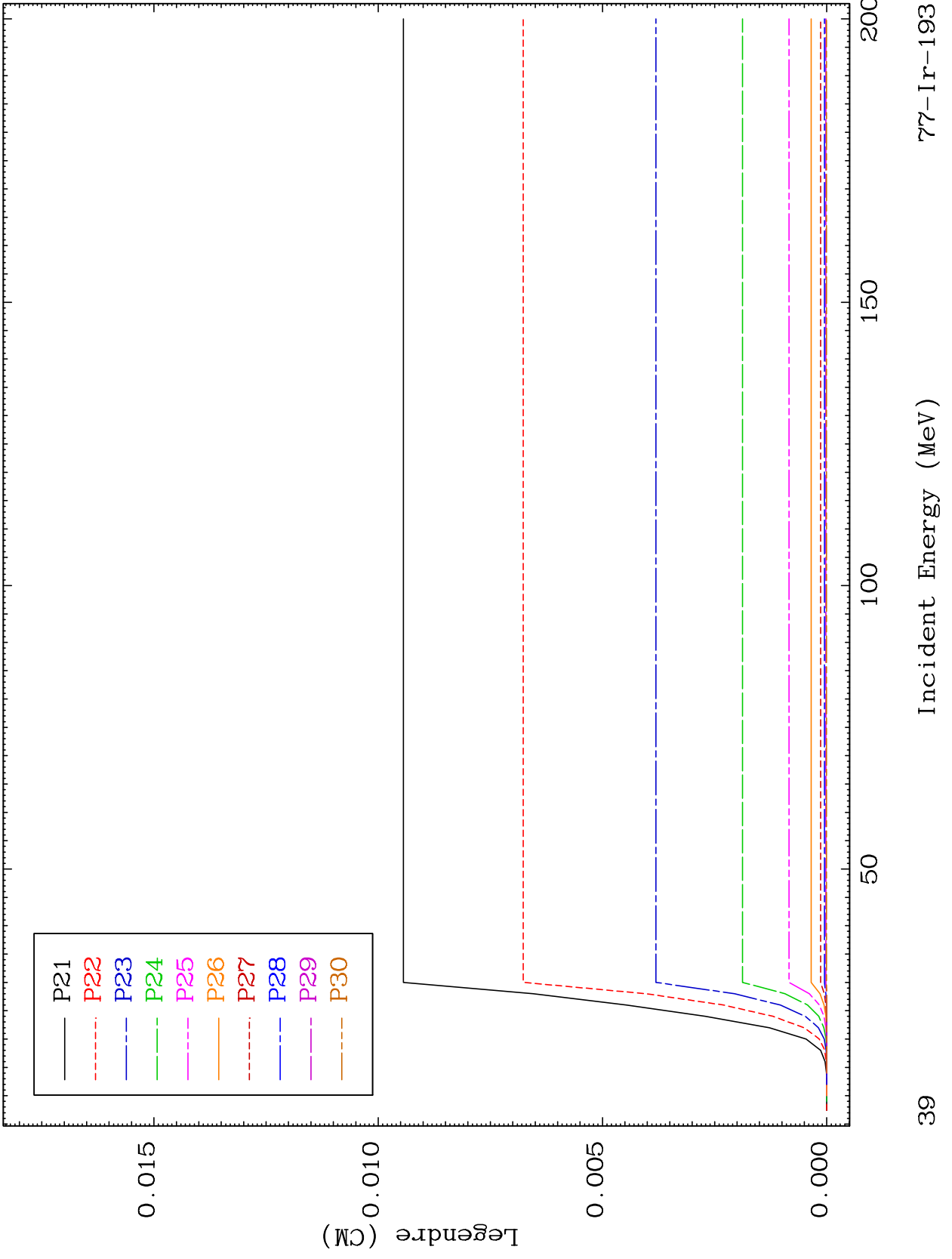
MAT 7731

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

77-Ir-193



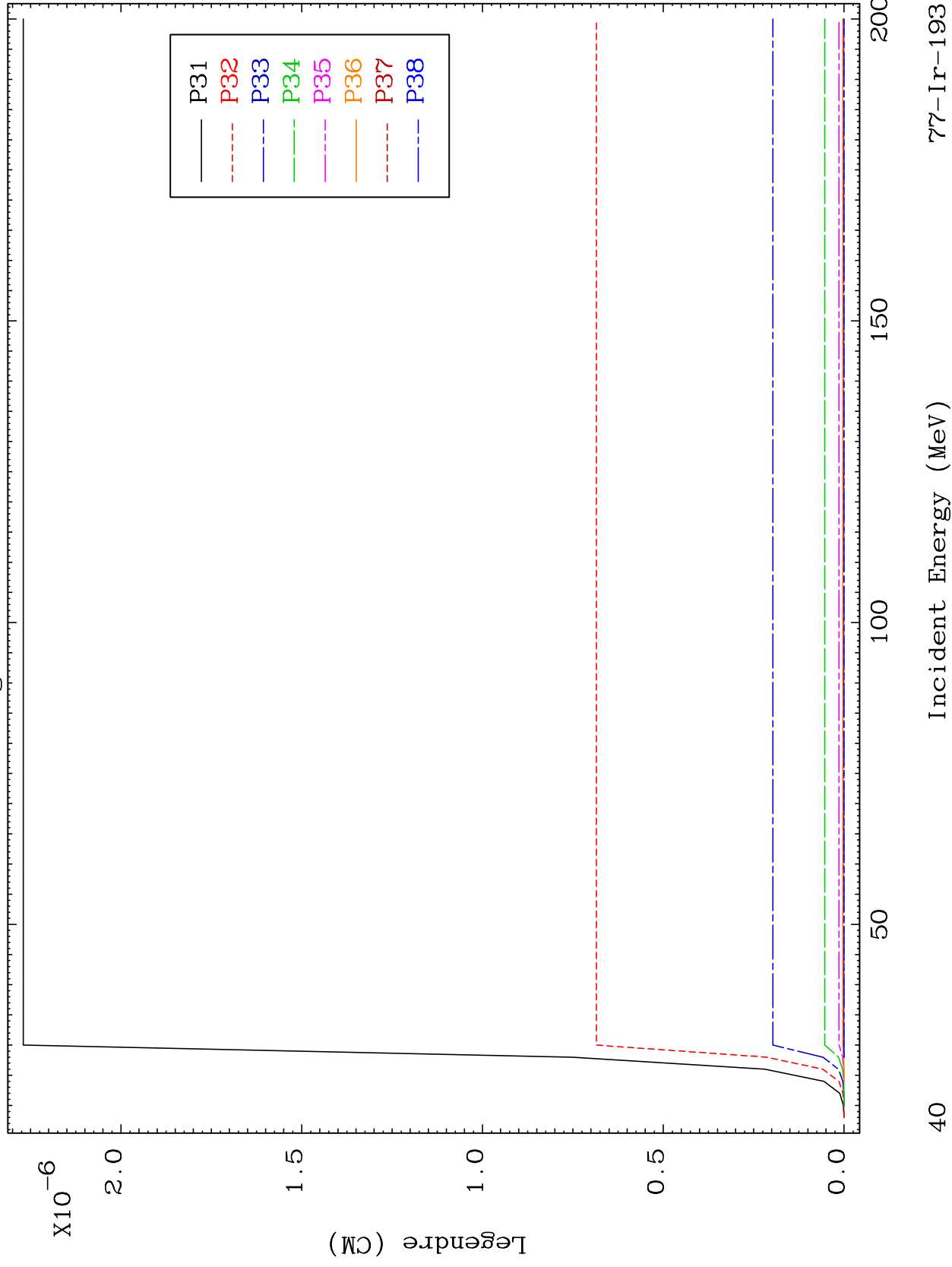




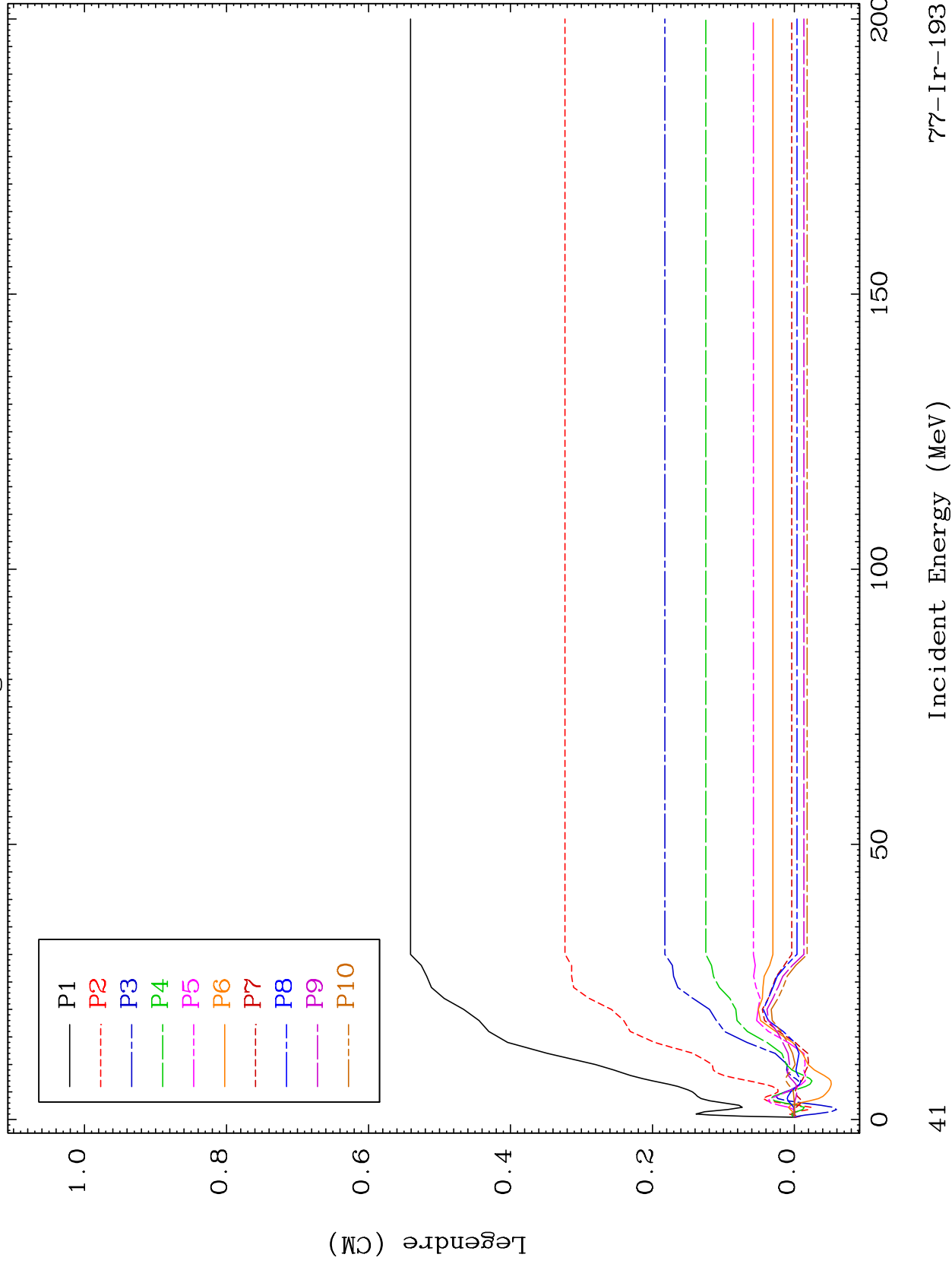
MAT 7731

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

77-Ir-193



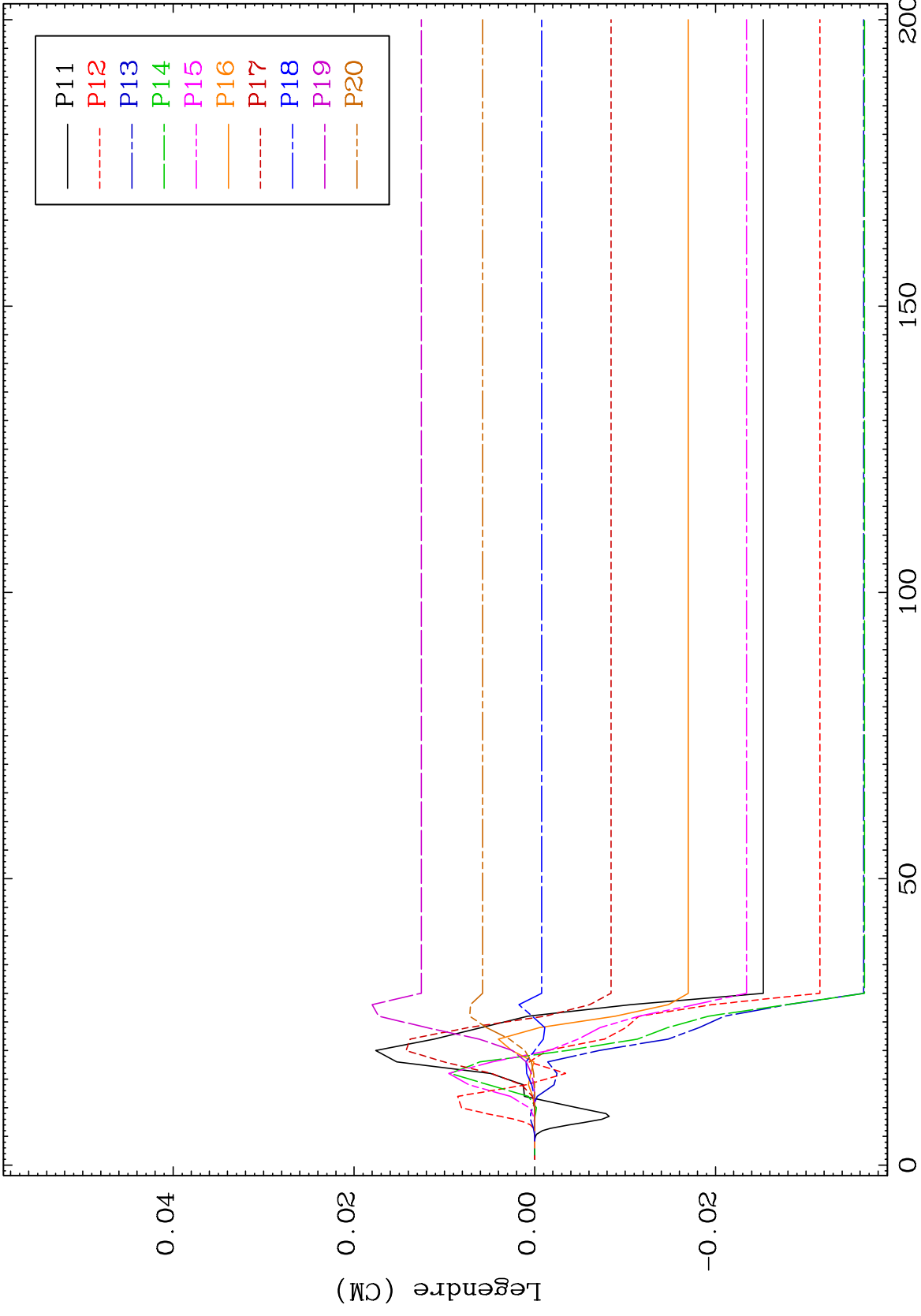
77-Ir-193



MAT 7731

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

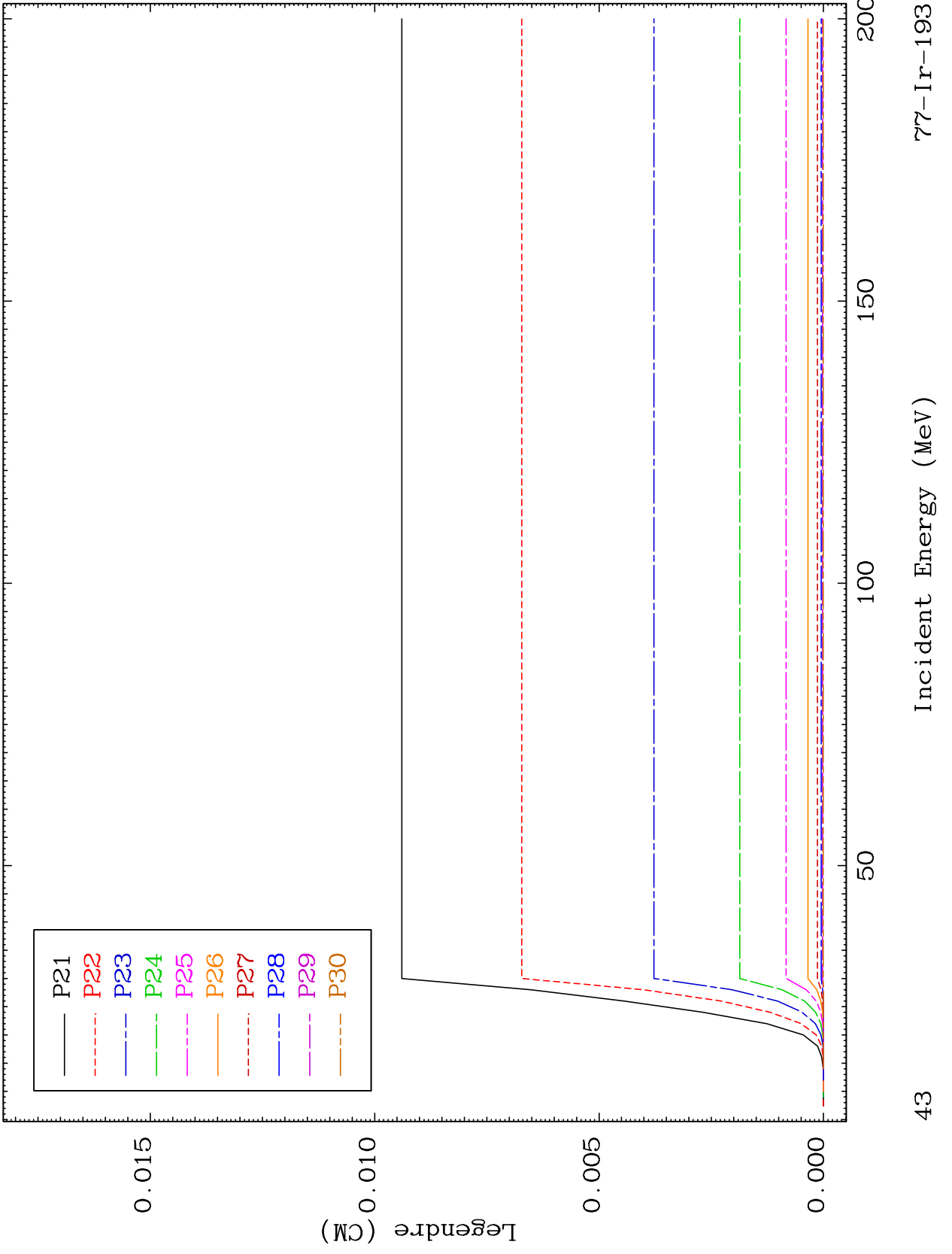
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42

Incident Energy (MeV)

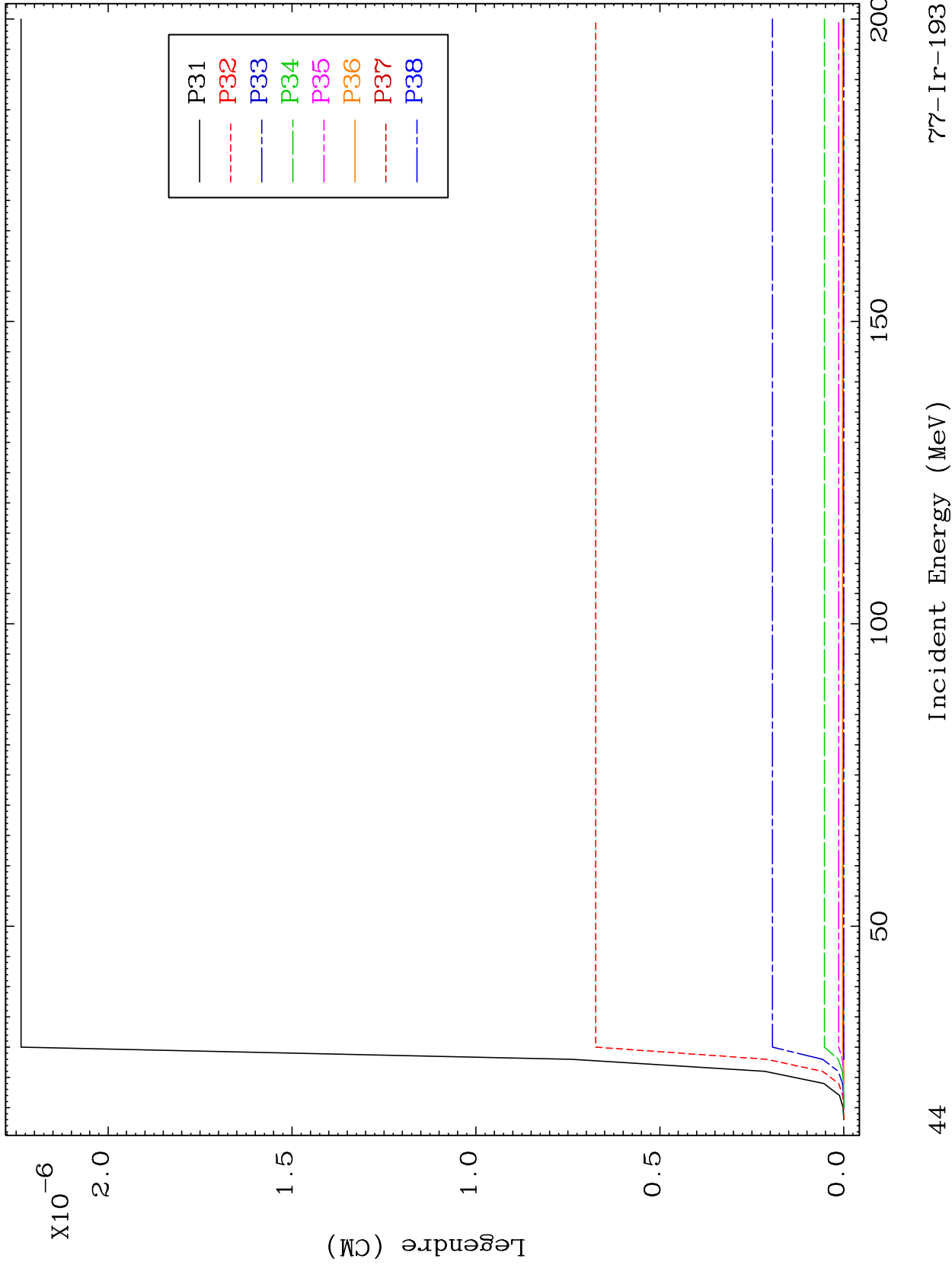
77-Ir-193



MAT 7731

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

77-Ir-193



44

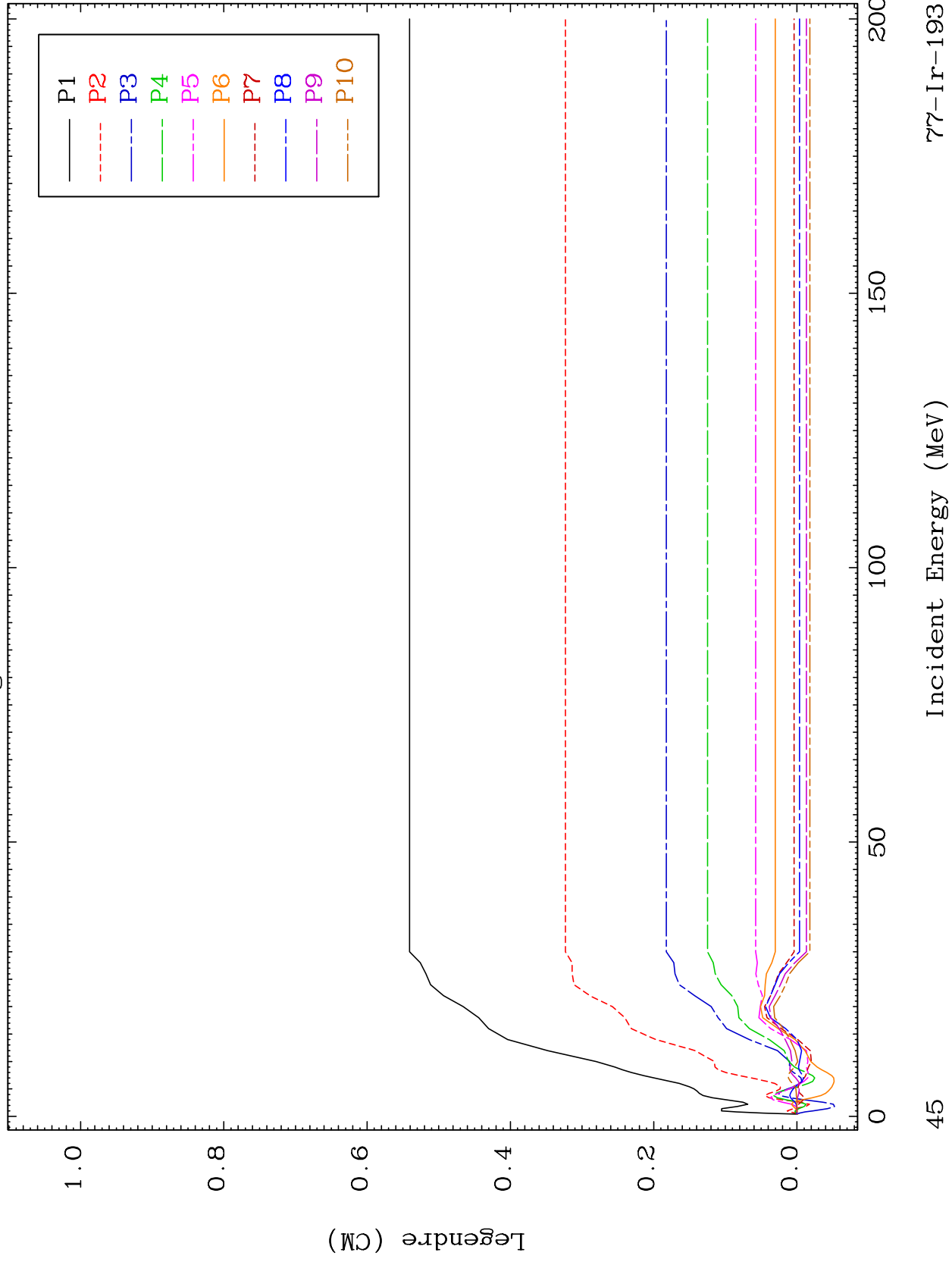
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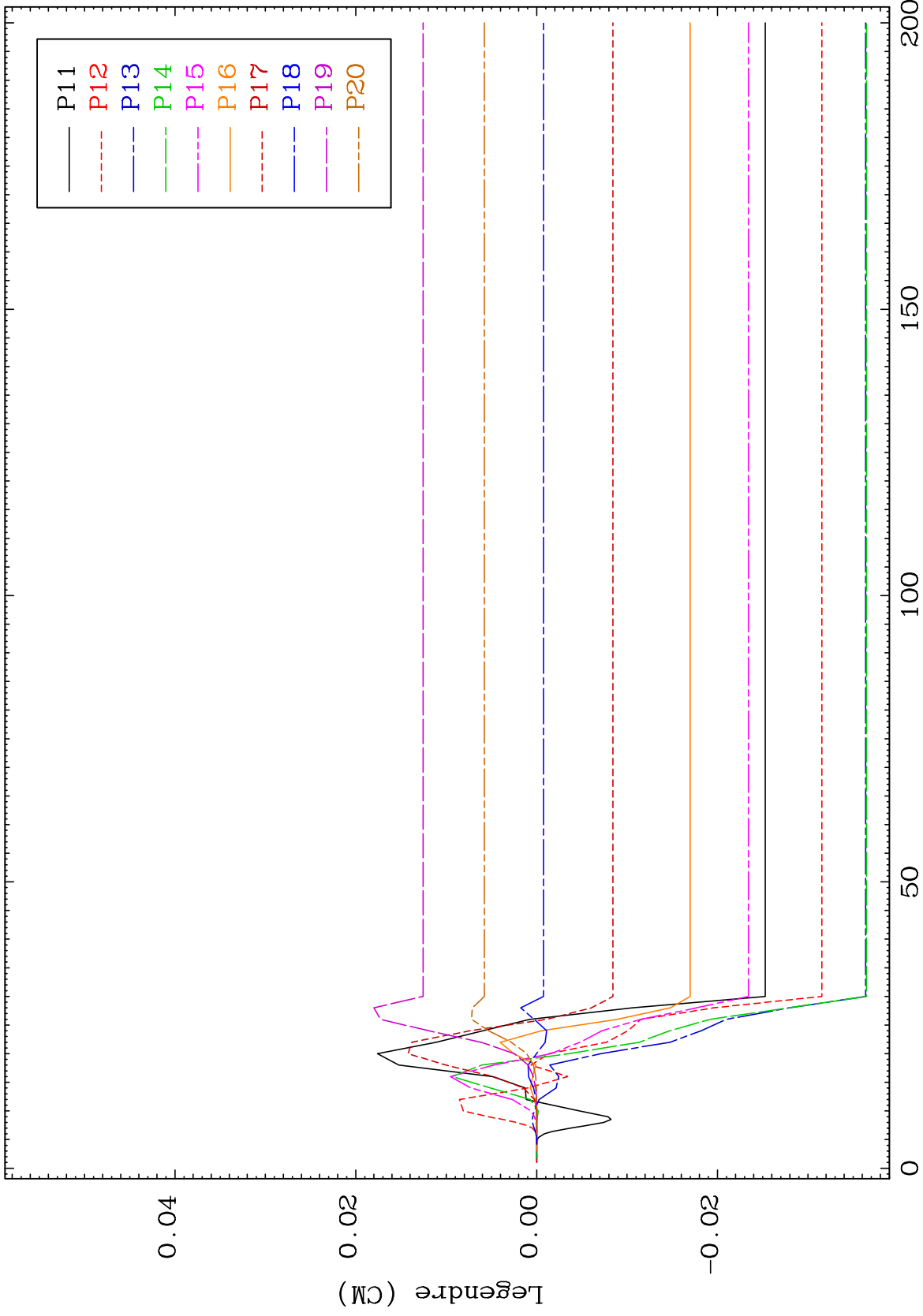
77-Ir-193

MAT 7731

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

77-Ir-193

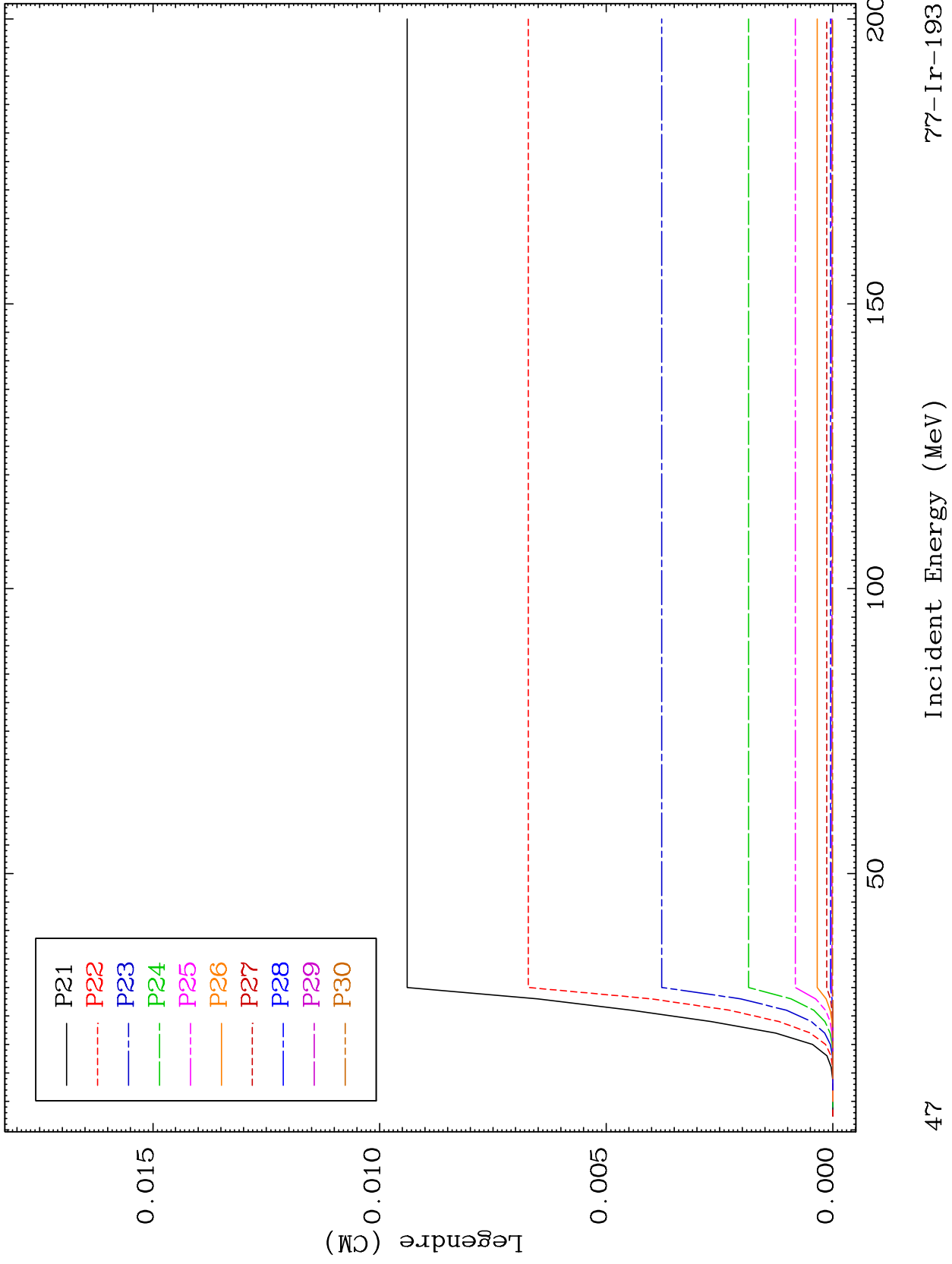




MAT 7731

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

77-Ir-193



47

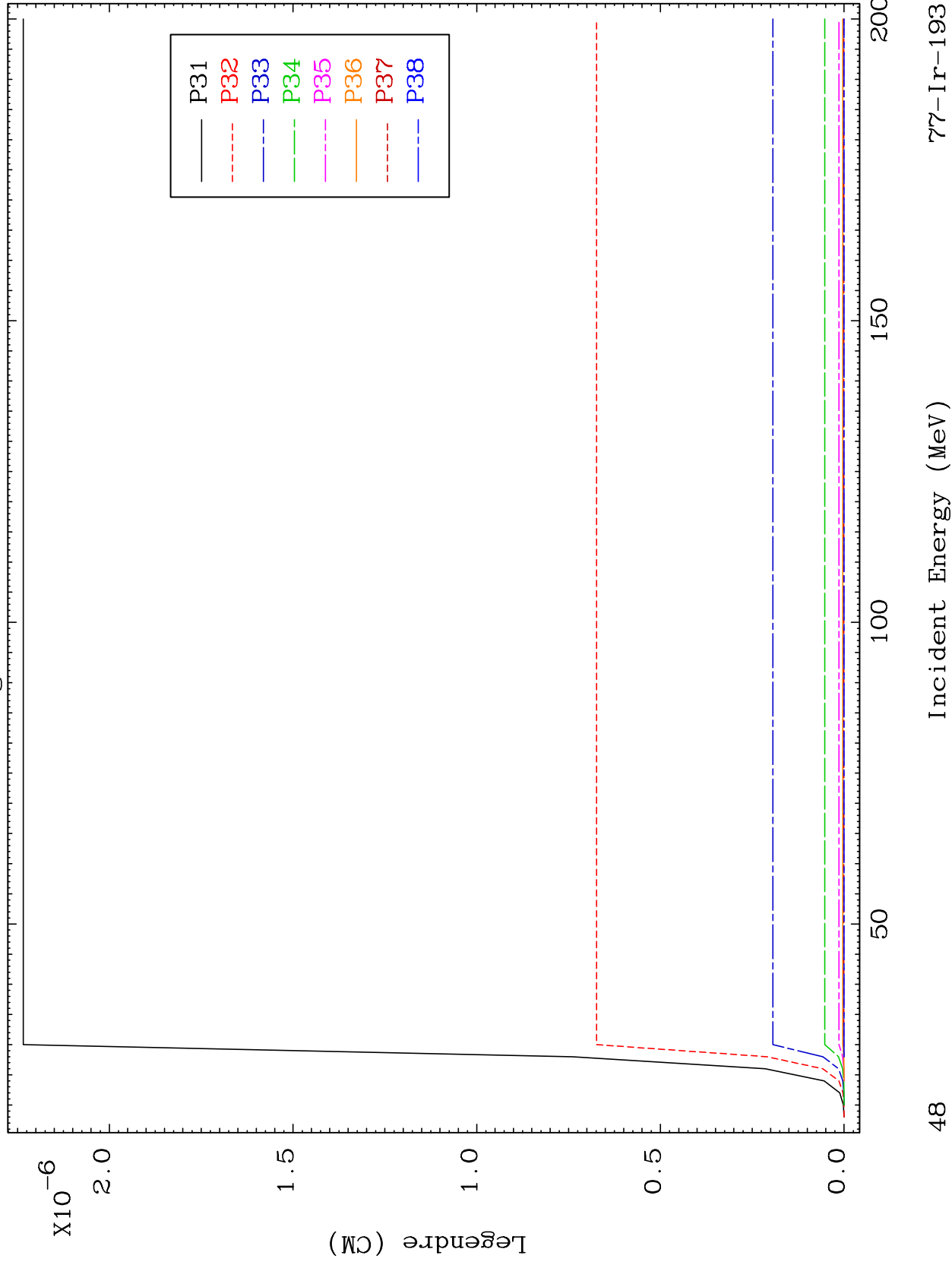
Incident Energy (MeV)

77-Ir-193

MAT 7731

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

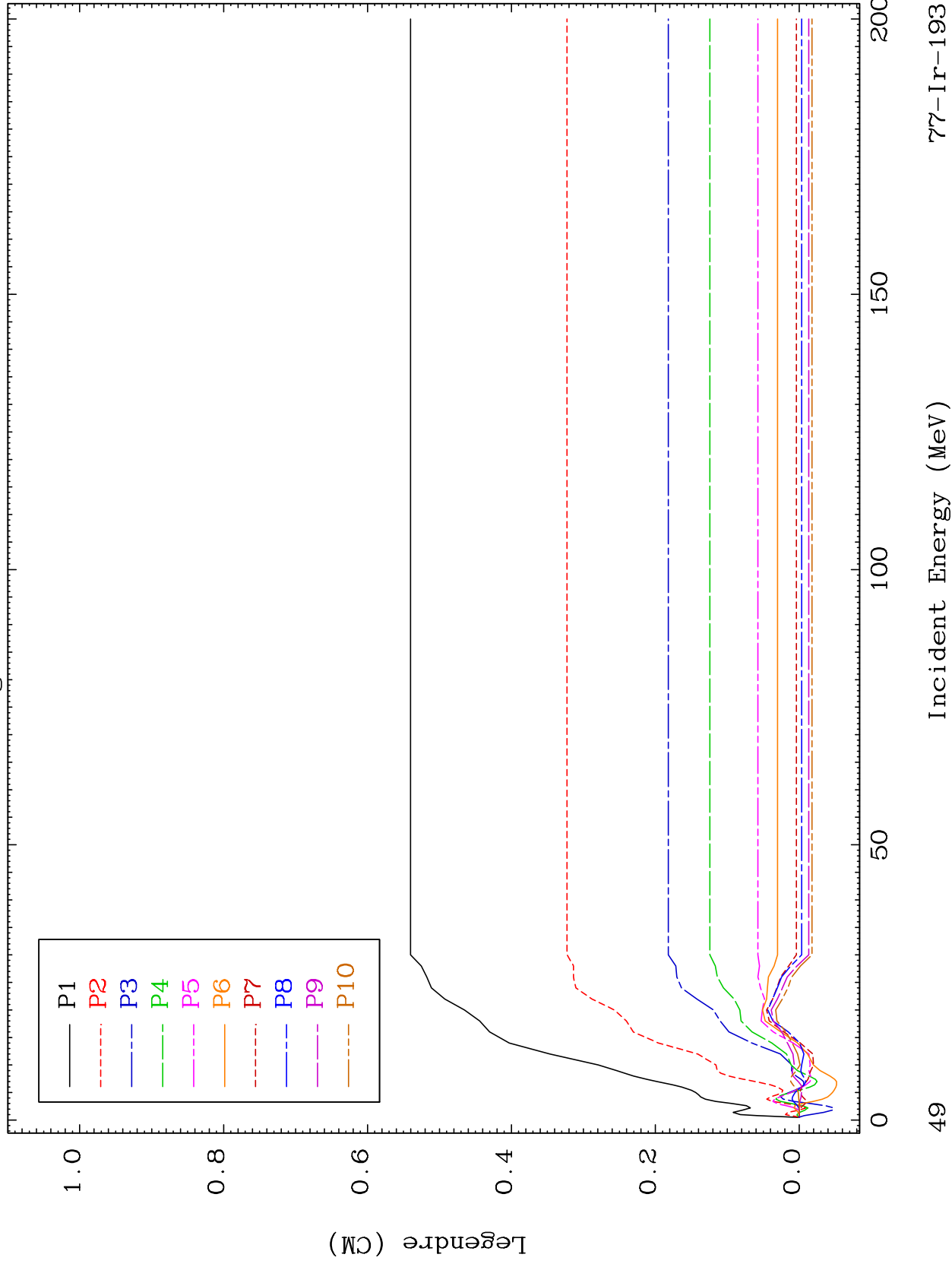
77-Ir-193



48

Incident Energy (MeV)

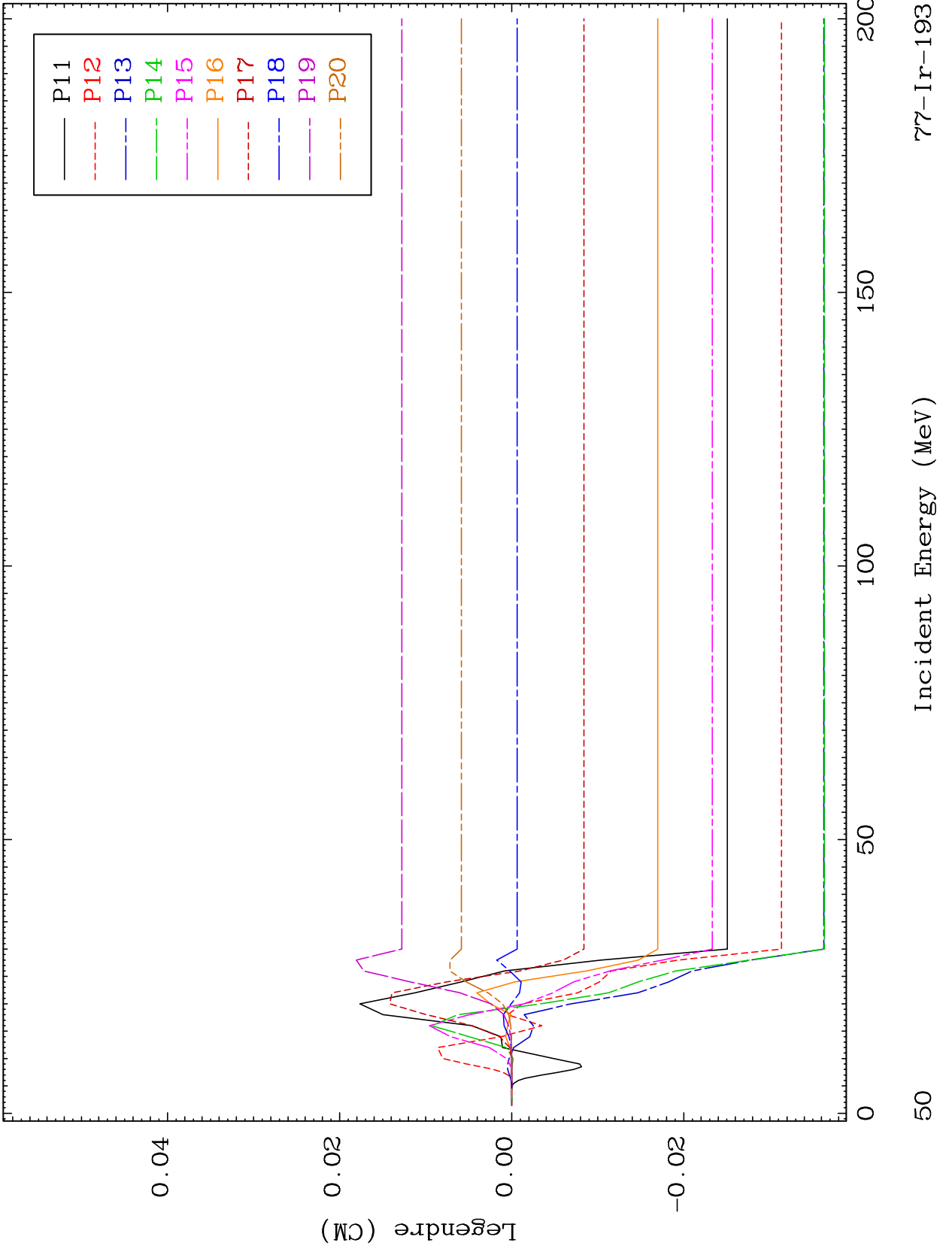
77-Ir-193



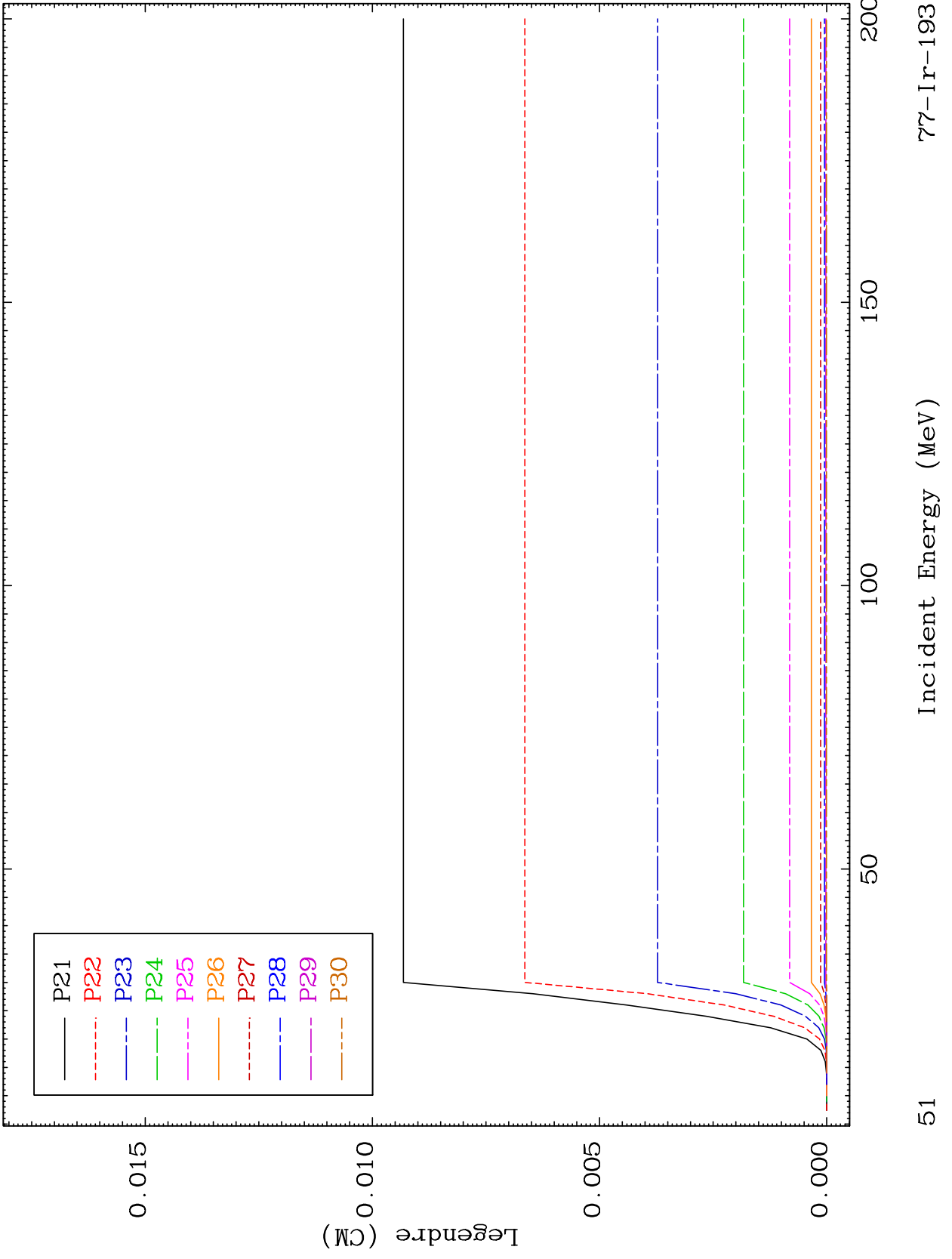
MAT 7731

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

77-Ir-193



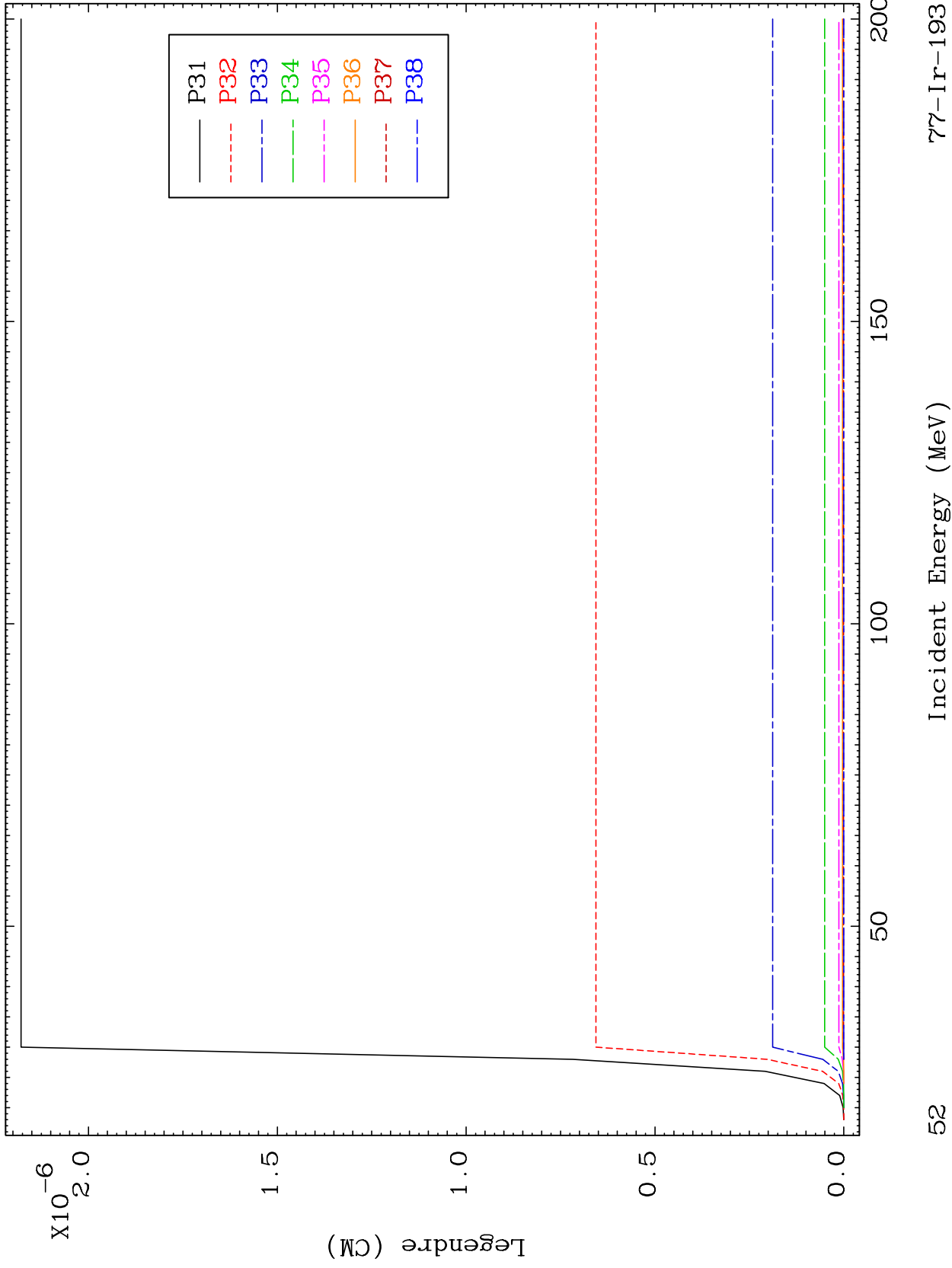
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MAT 7731

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

77-Ir-193



52

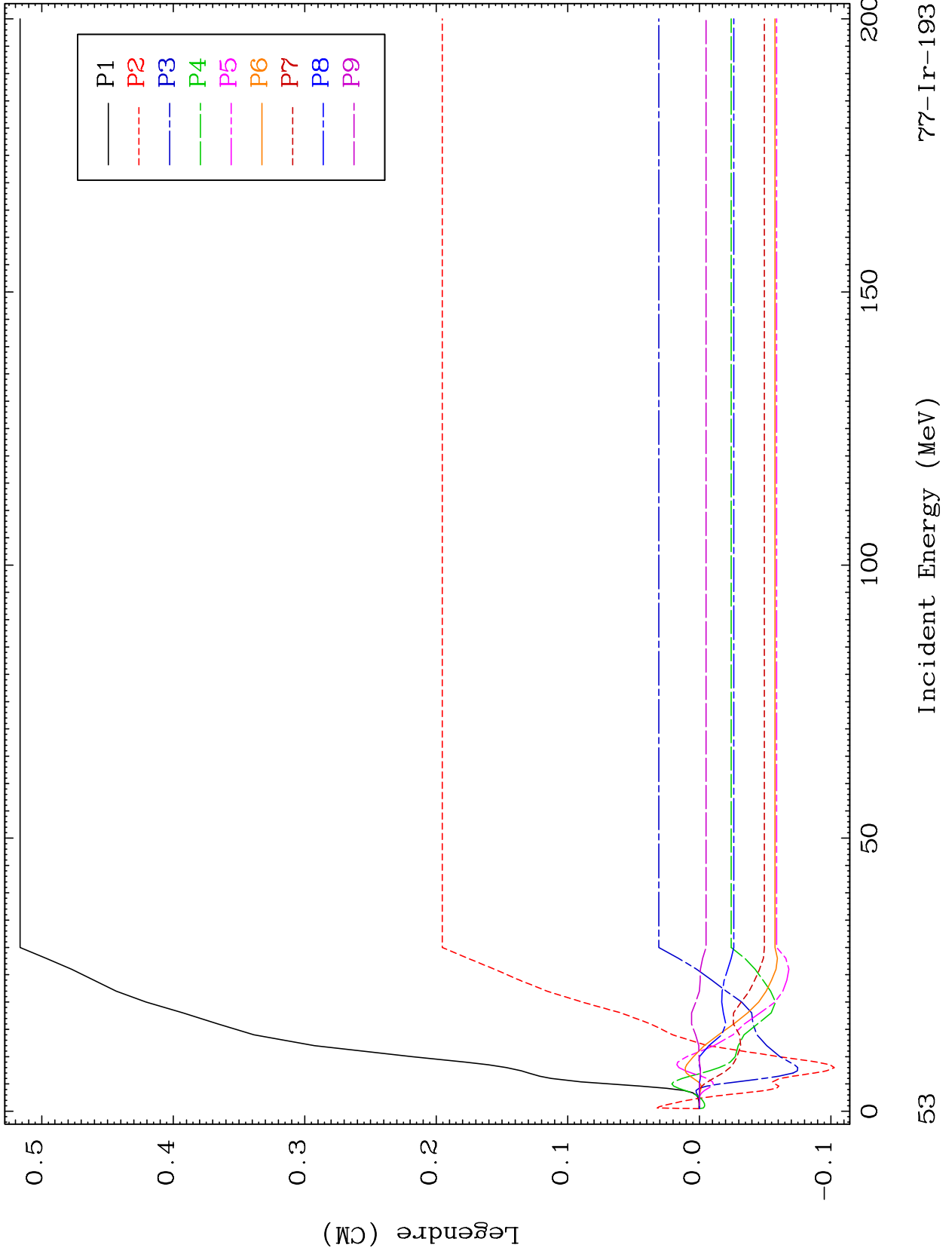
Incident Energy (MeV)

77-Ir-193

MAT 7731

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

77-Ir-193



77-Ir-193

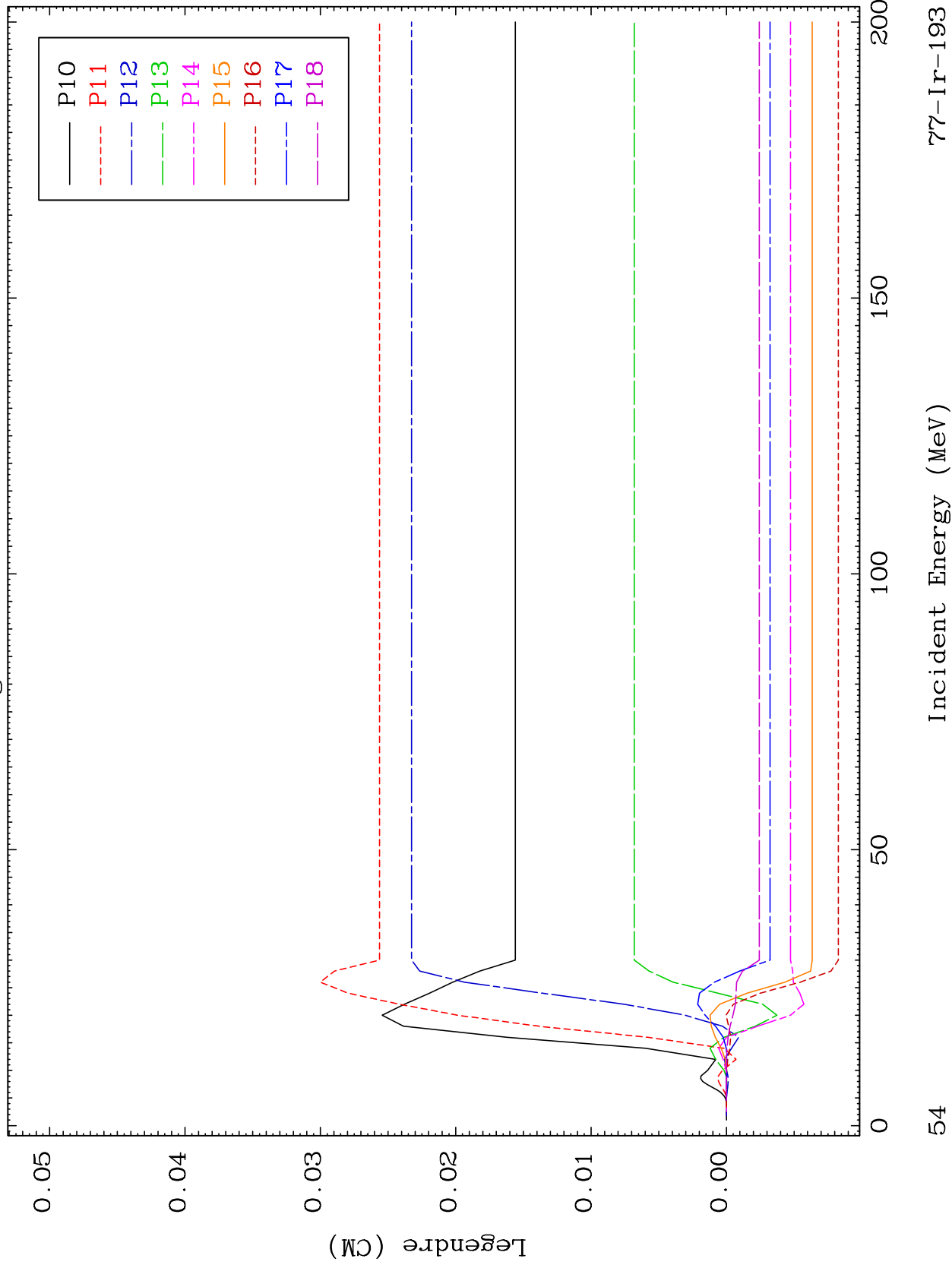
Incident Energy (MeV)

53

MAT 7731

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

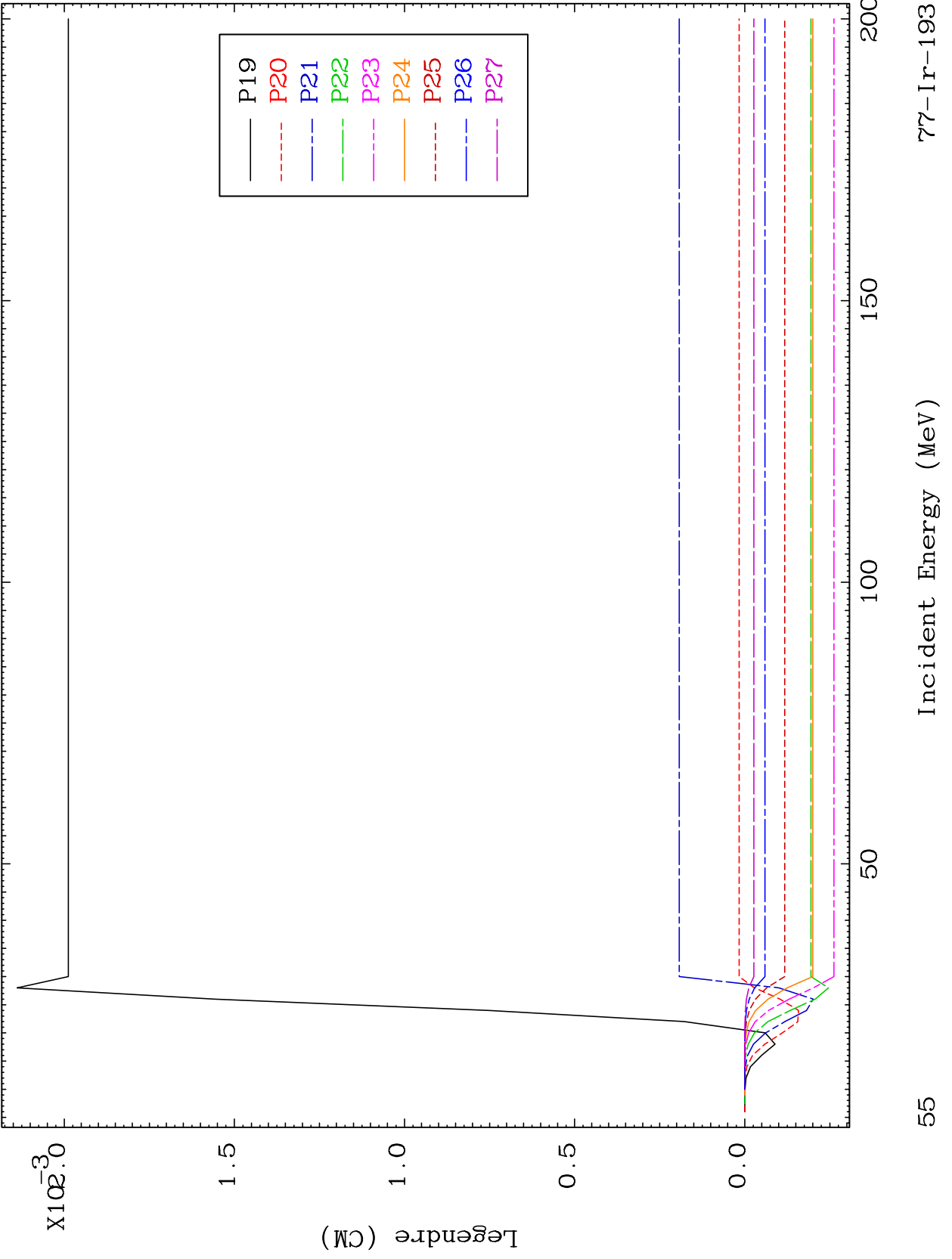
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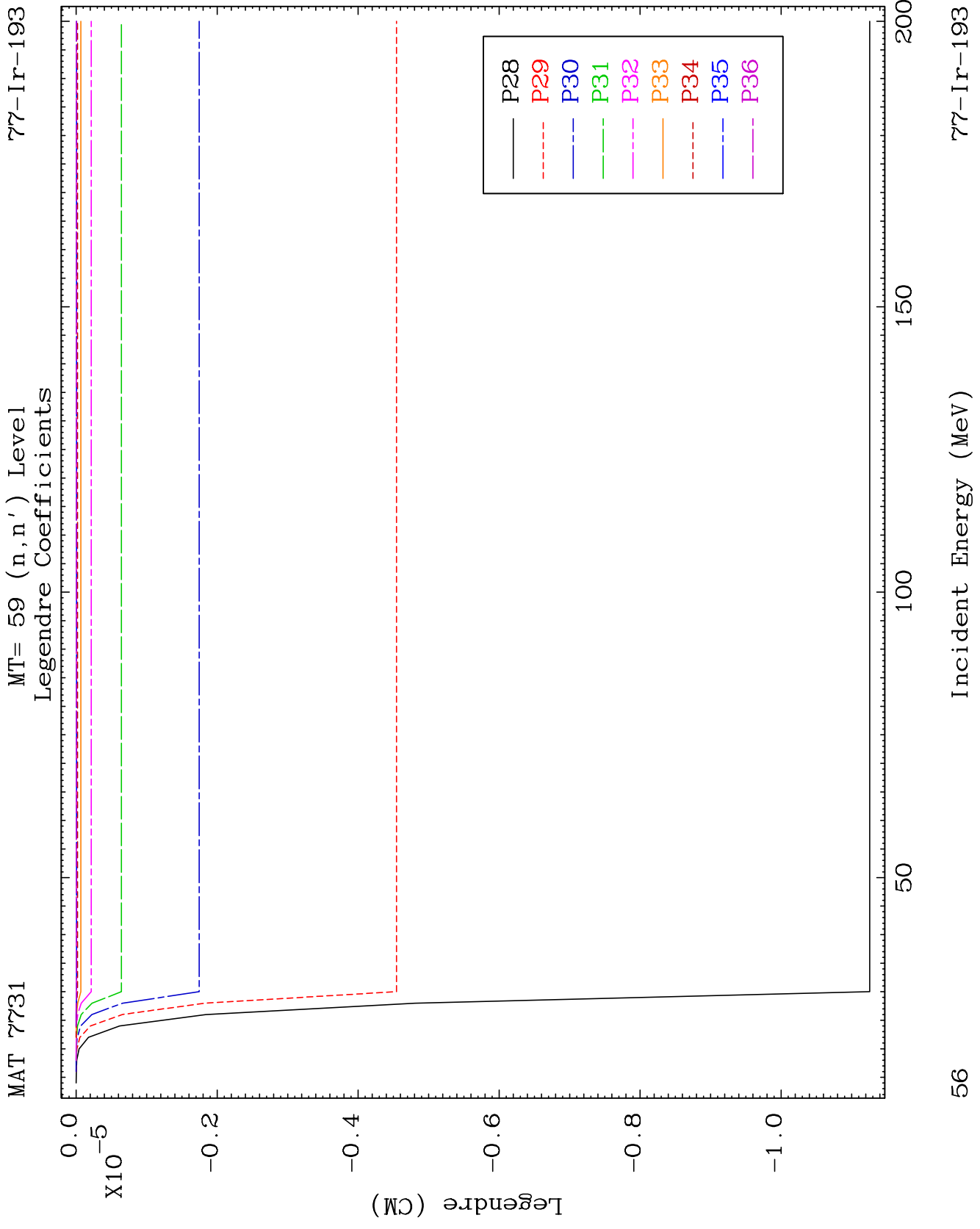


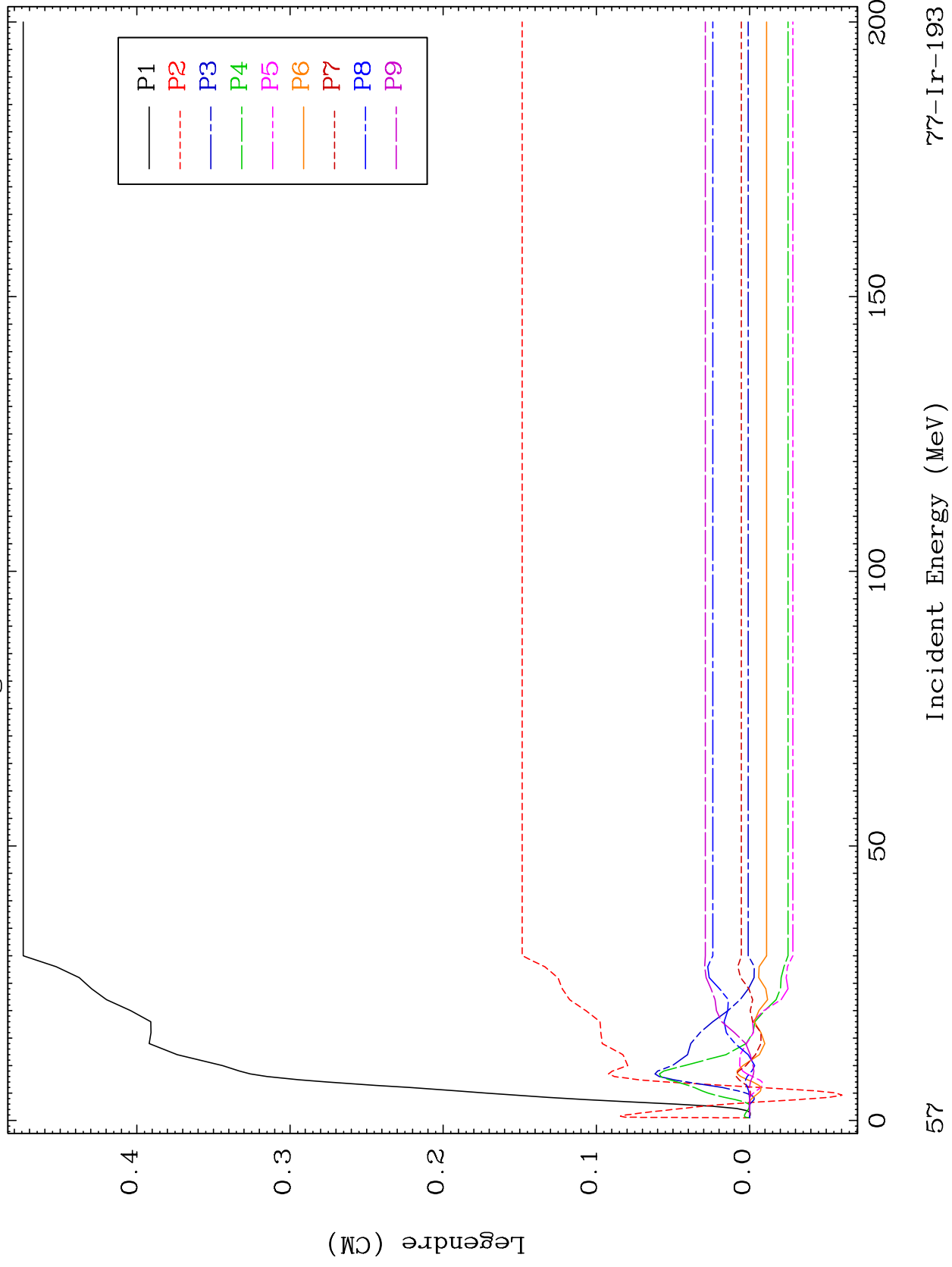
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Incident Energy (MeV)

77-Ir-193



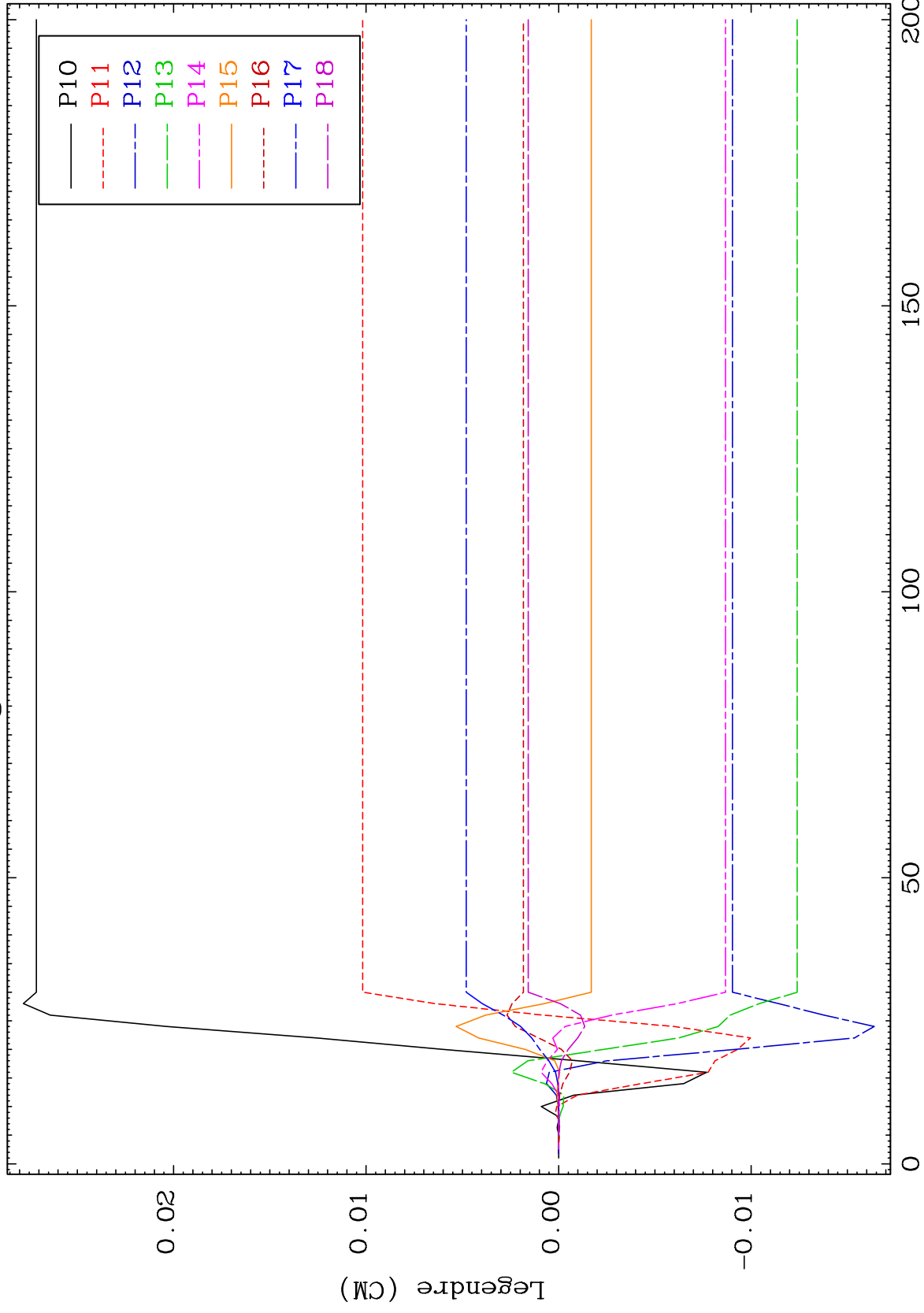




MAT 7731

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

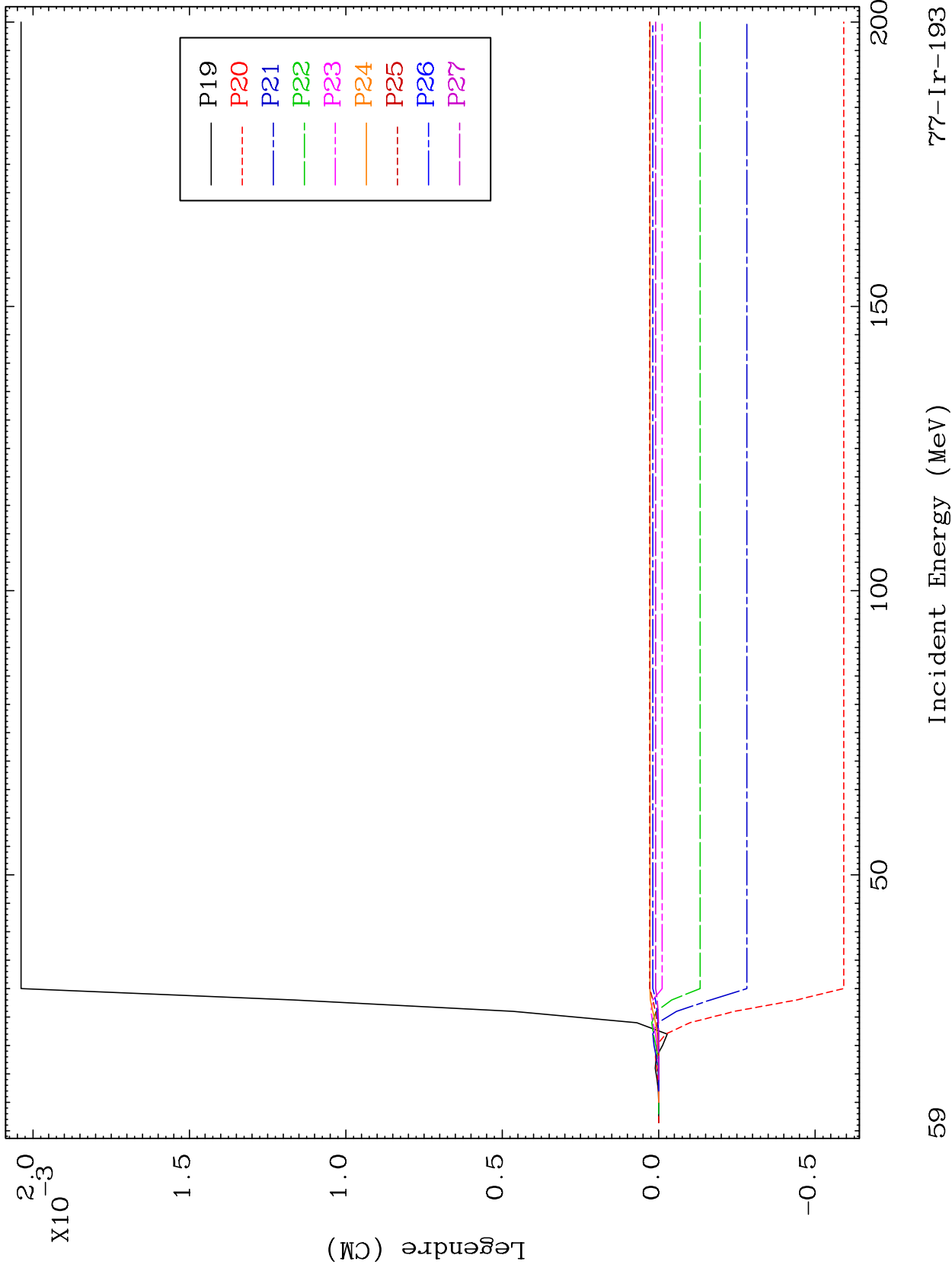
77-Ir-193



58

Incident Energy (MeV)

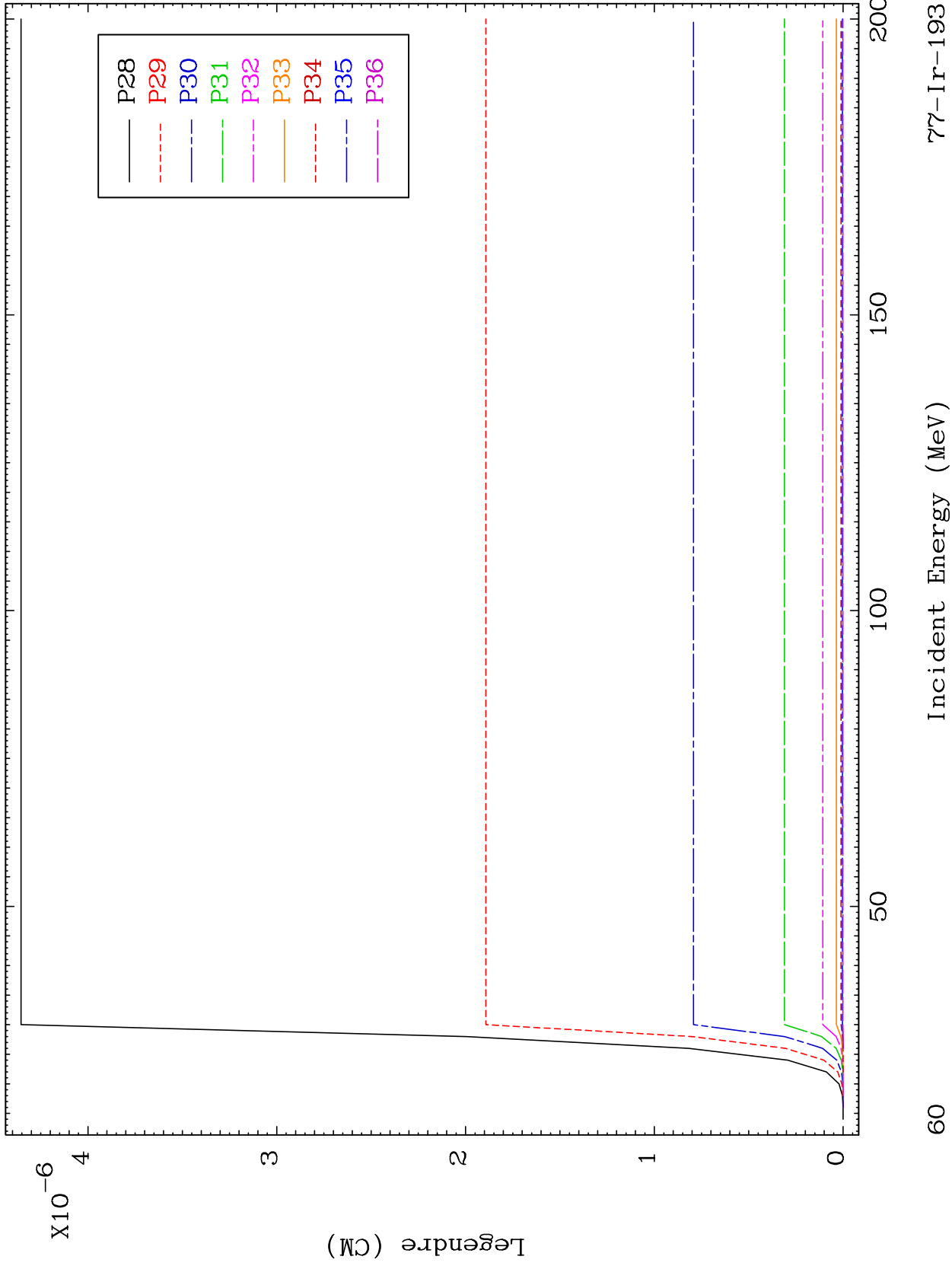
77-Ir-193



MAT 7731

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

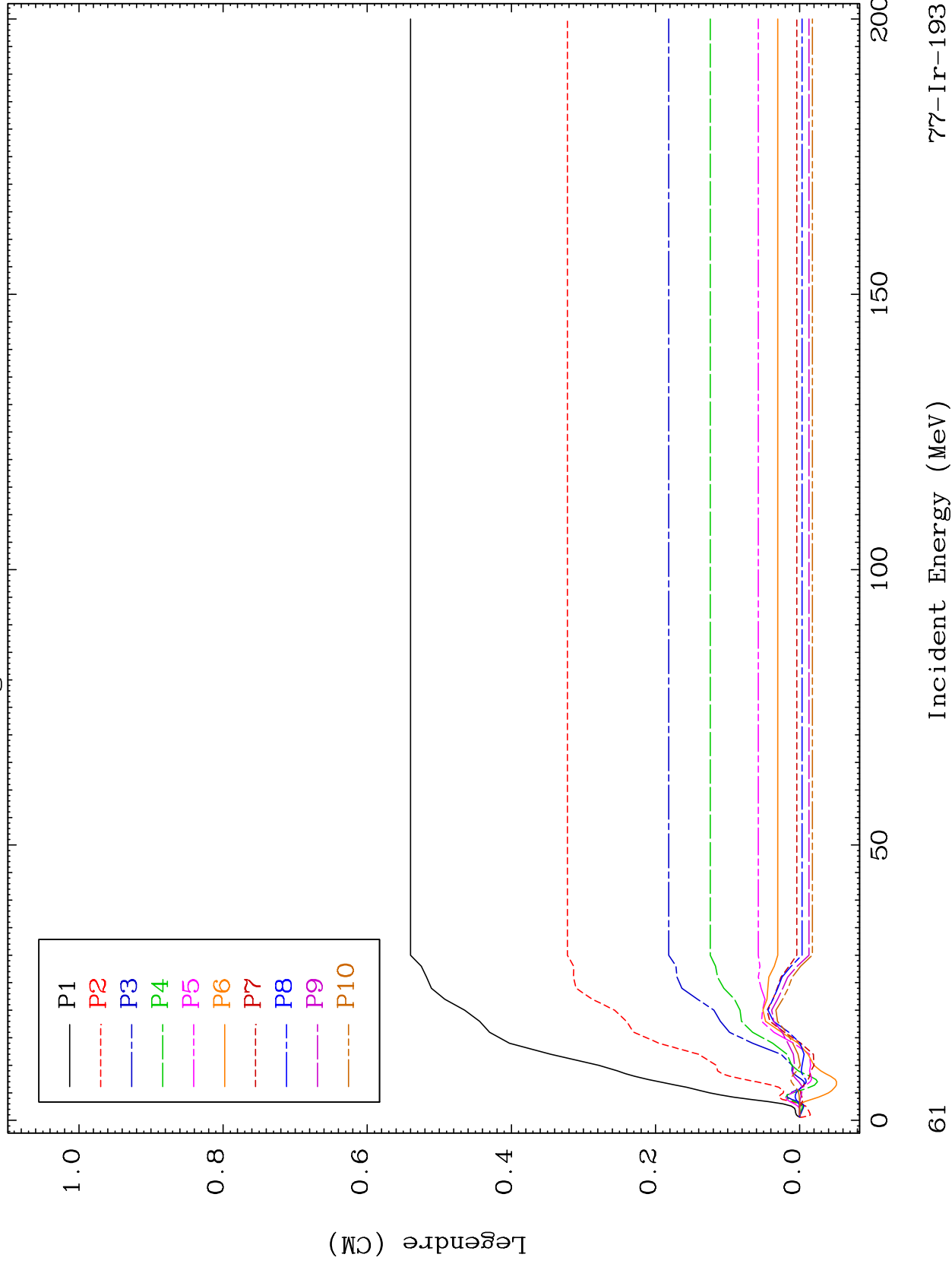
77-Ir-193



MAT 7731

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

77-Ir-193



61

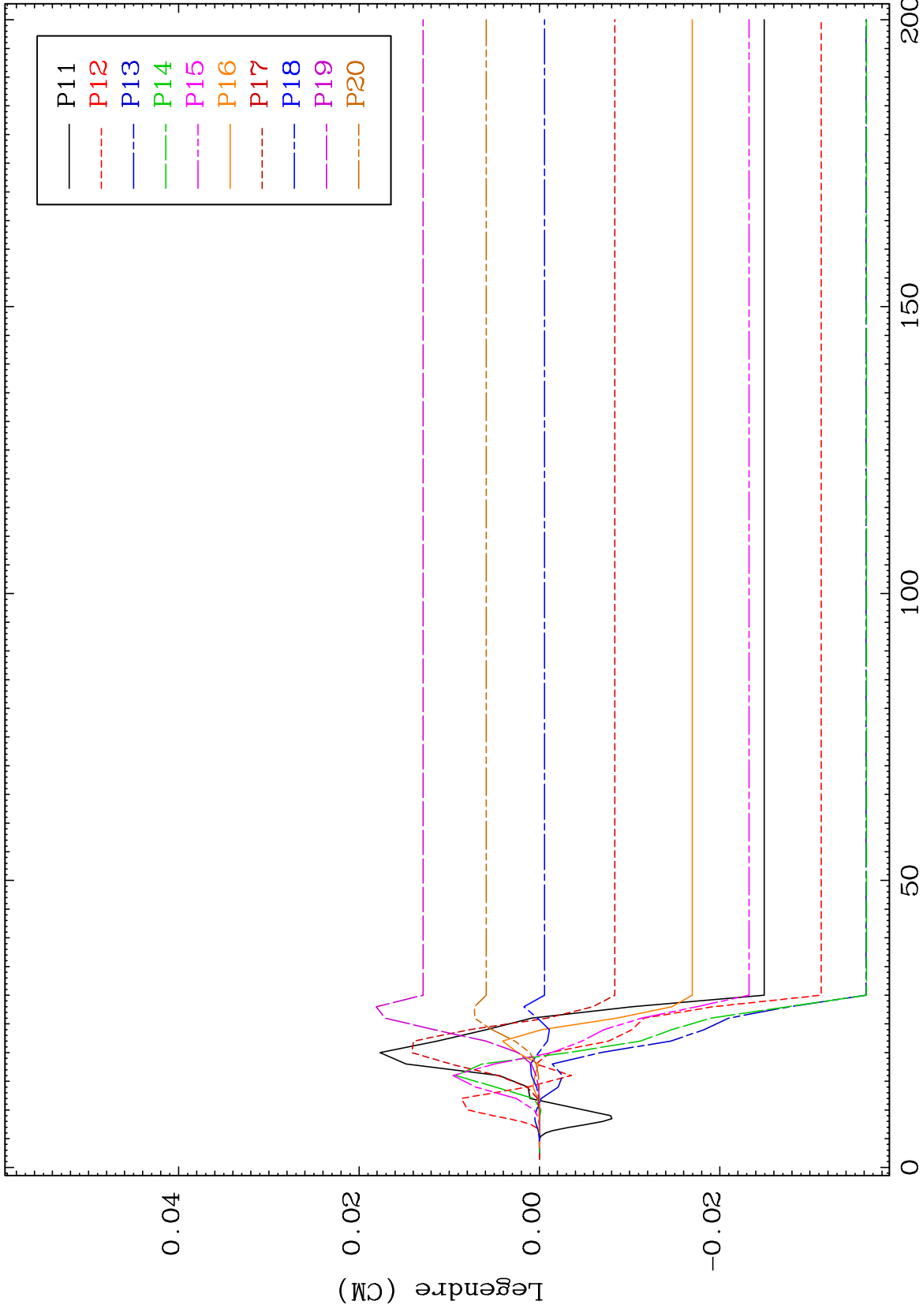
Incident Energy (MeV)

77-Ir-193

MAT 7731

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

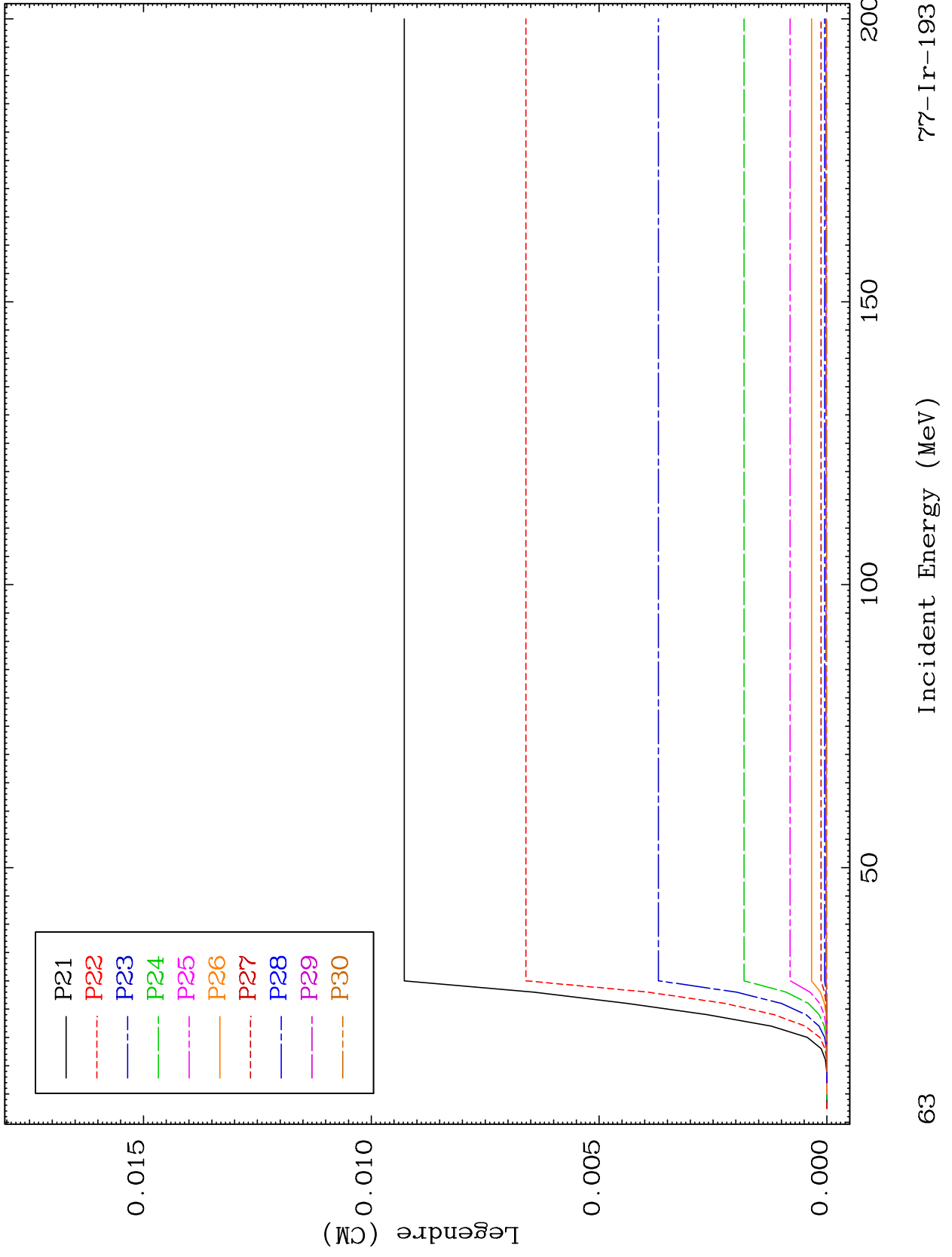
77-Ir-193



62

Incident Energy (MeV)

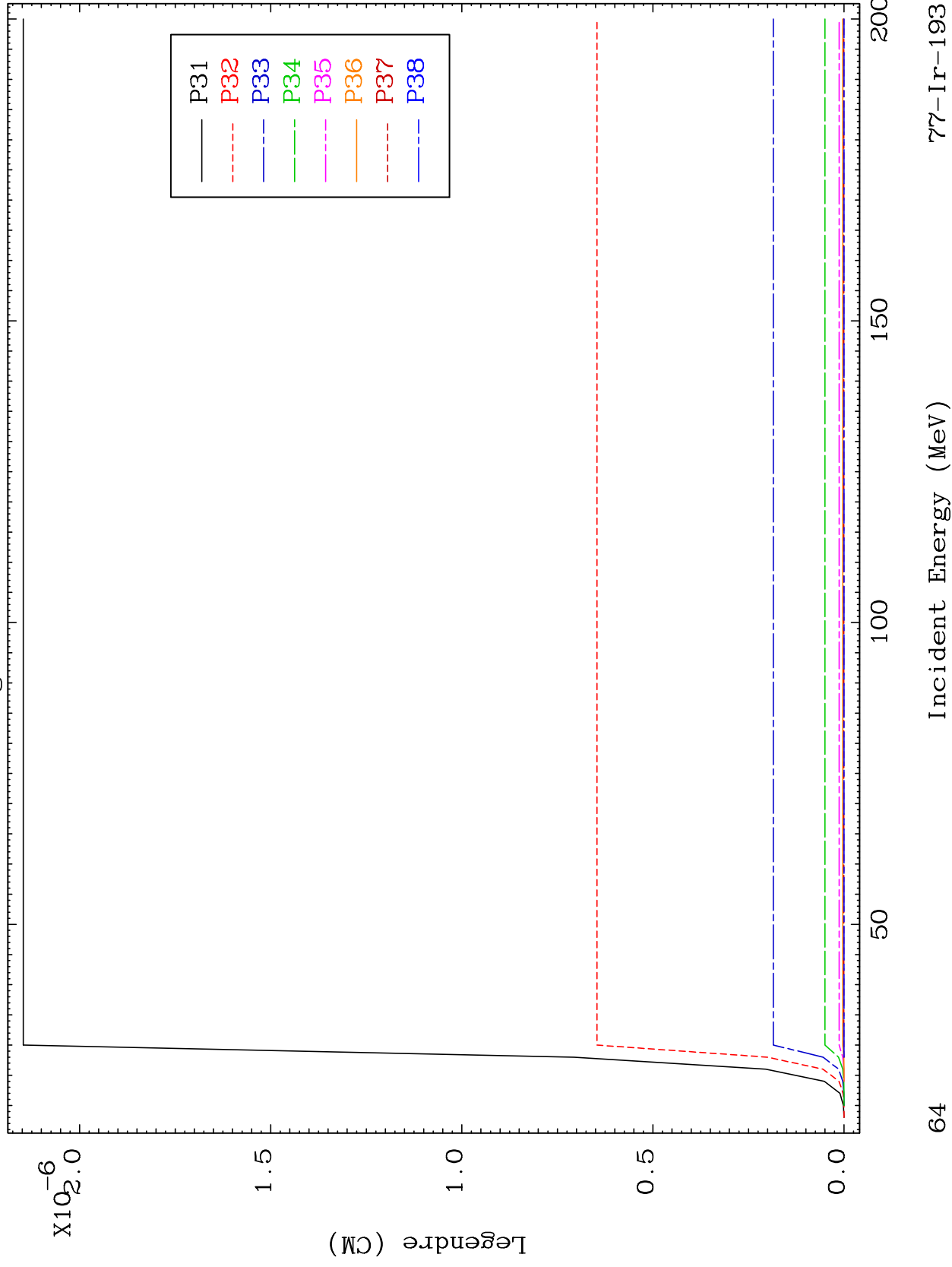
77-Ir-193



MAT 7731

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

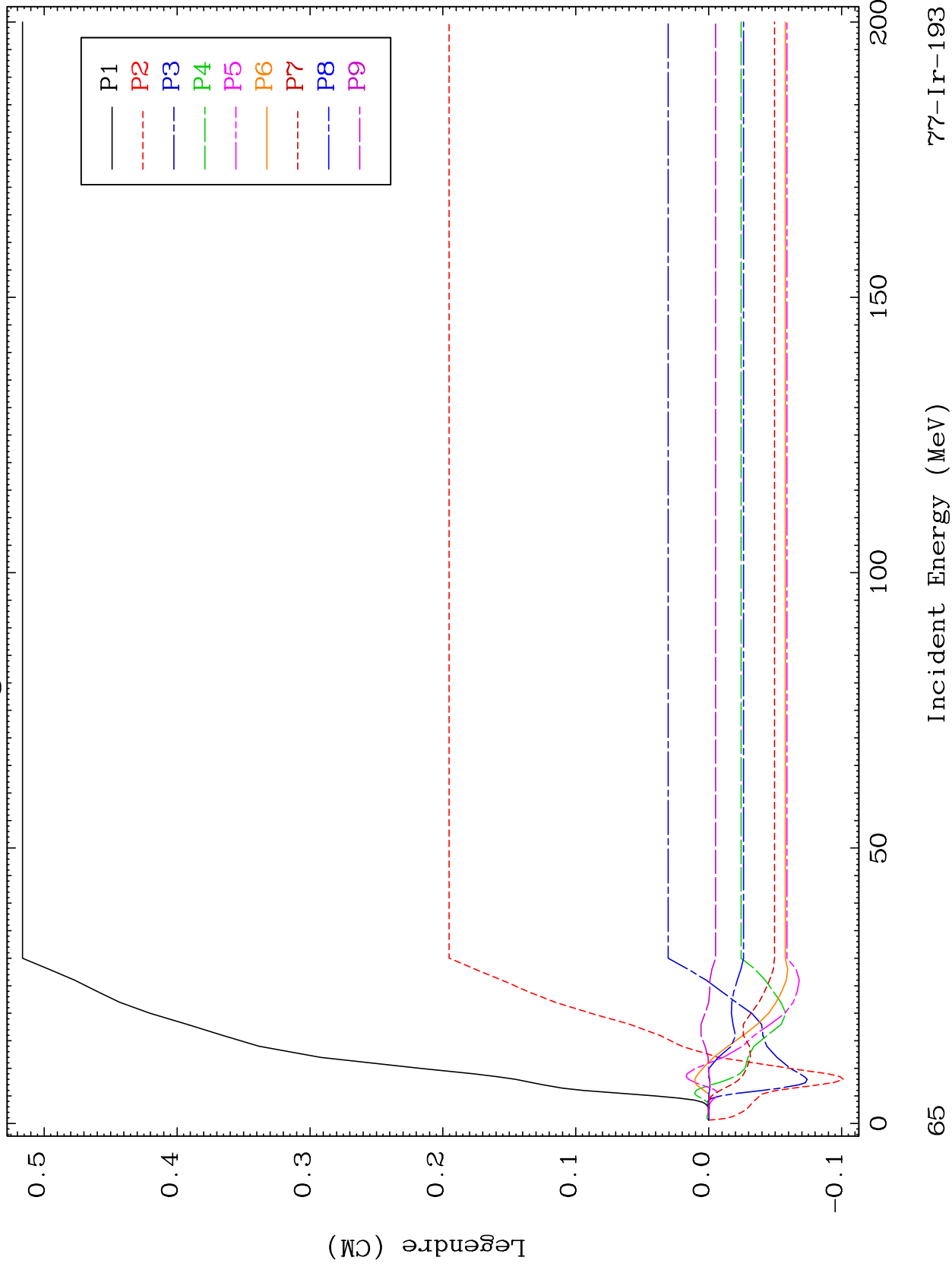
77-Ir-193



MAT 7731

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

77-Ir-193



77-Ir-193

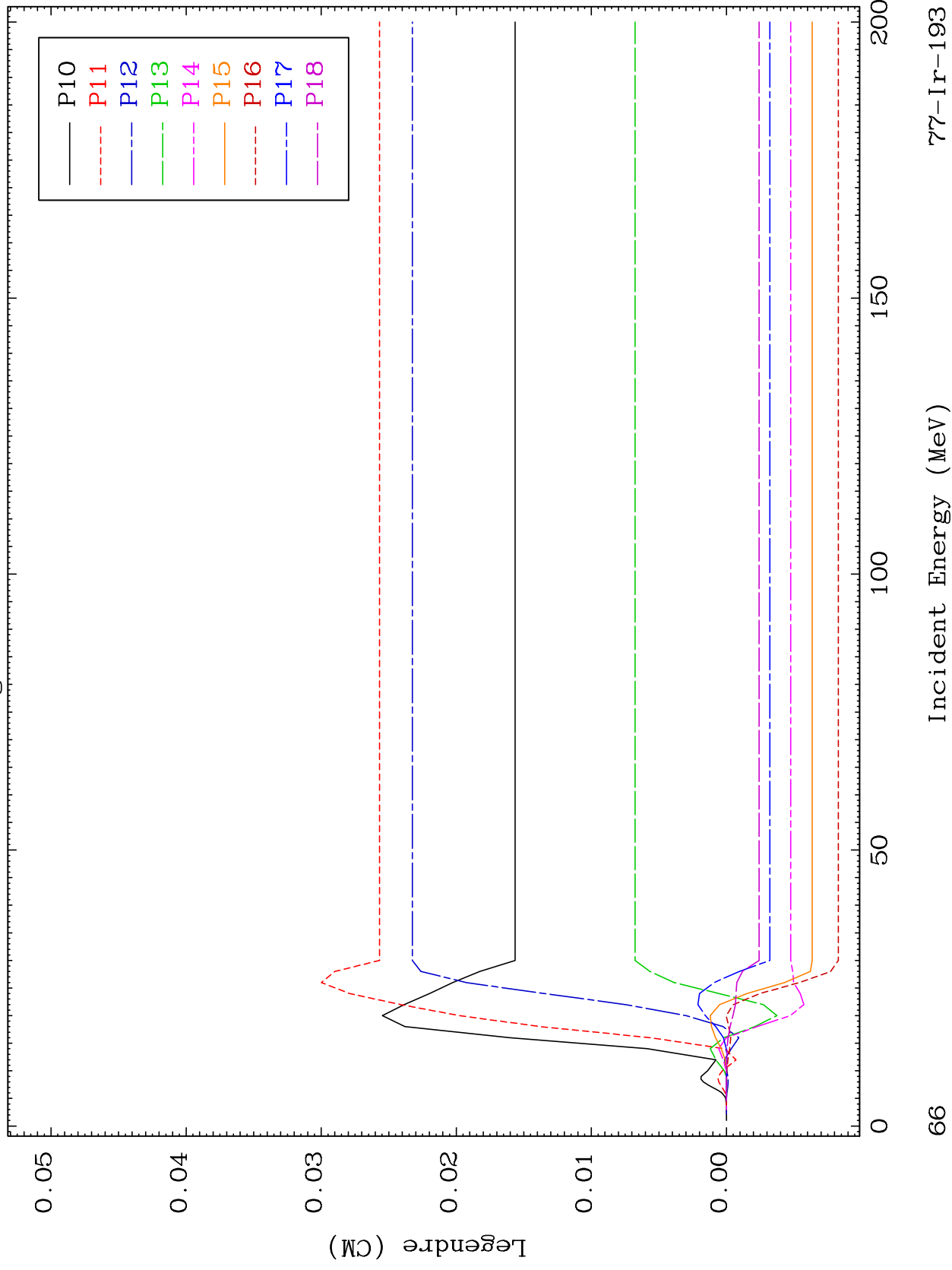
Incident Energy (MeV)

65

MAT 7731

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

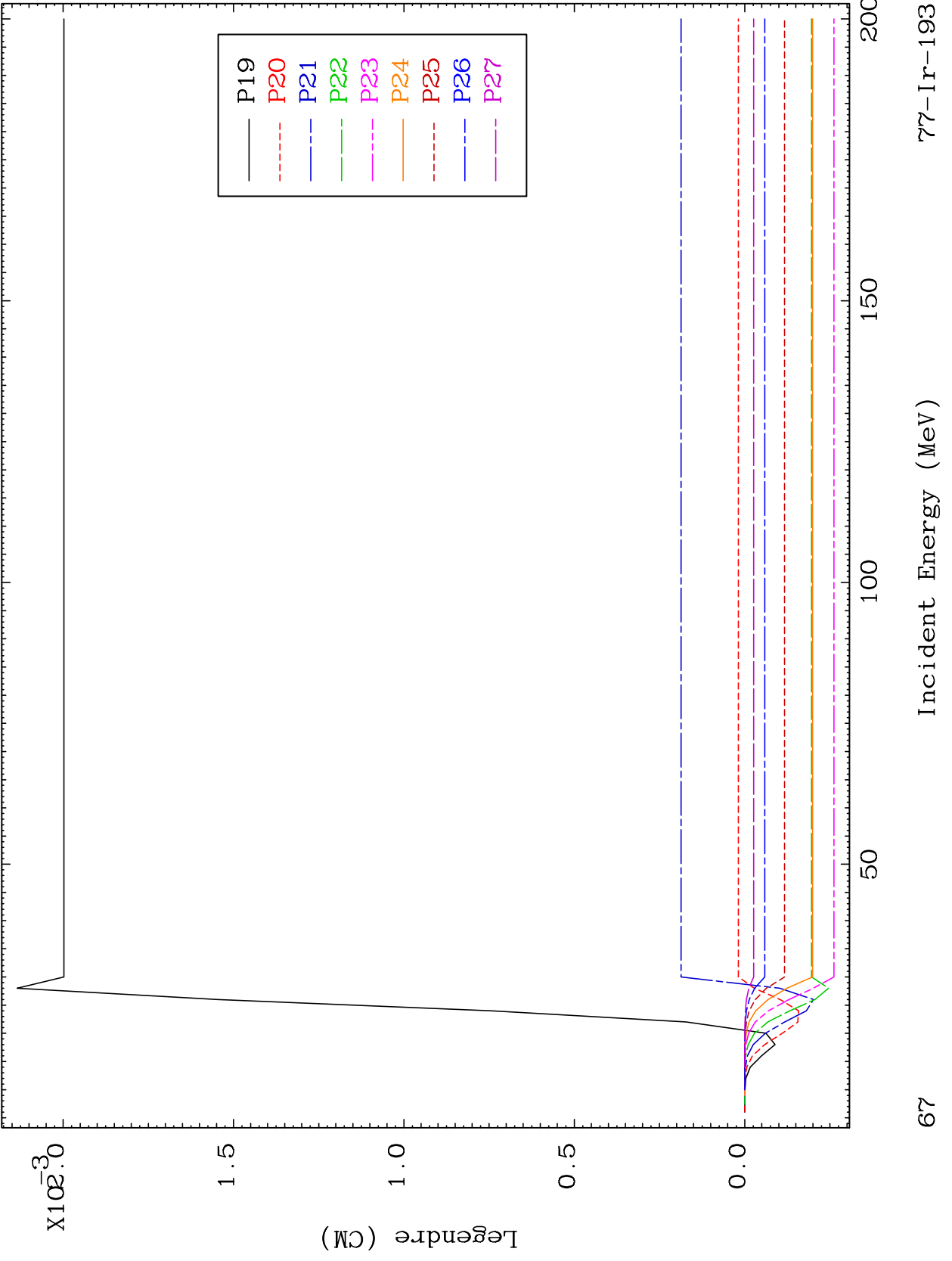
77-Ir-193



77-Ir-193

Incident Energy (MeV)

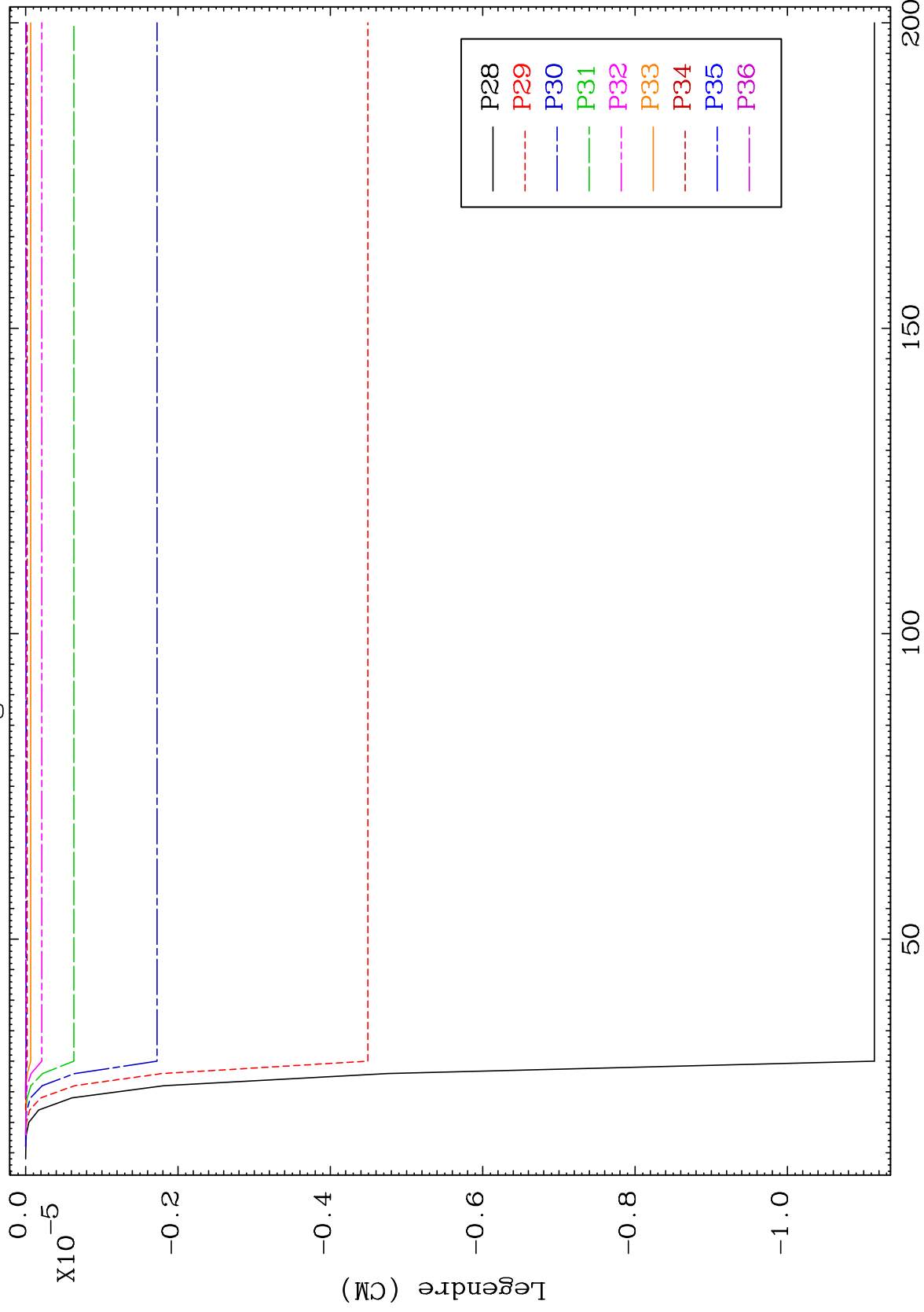
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MAT 7731

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

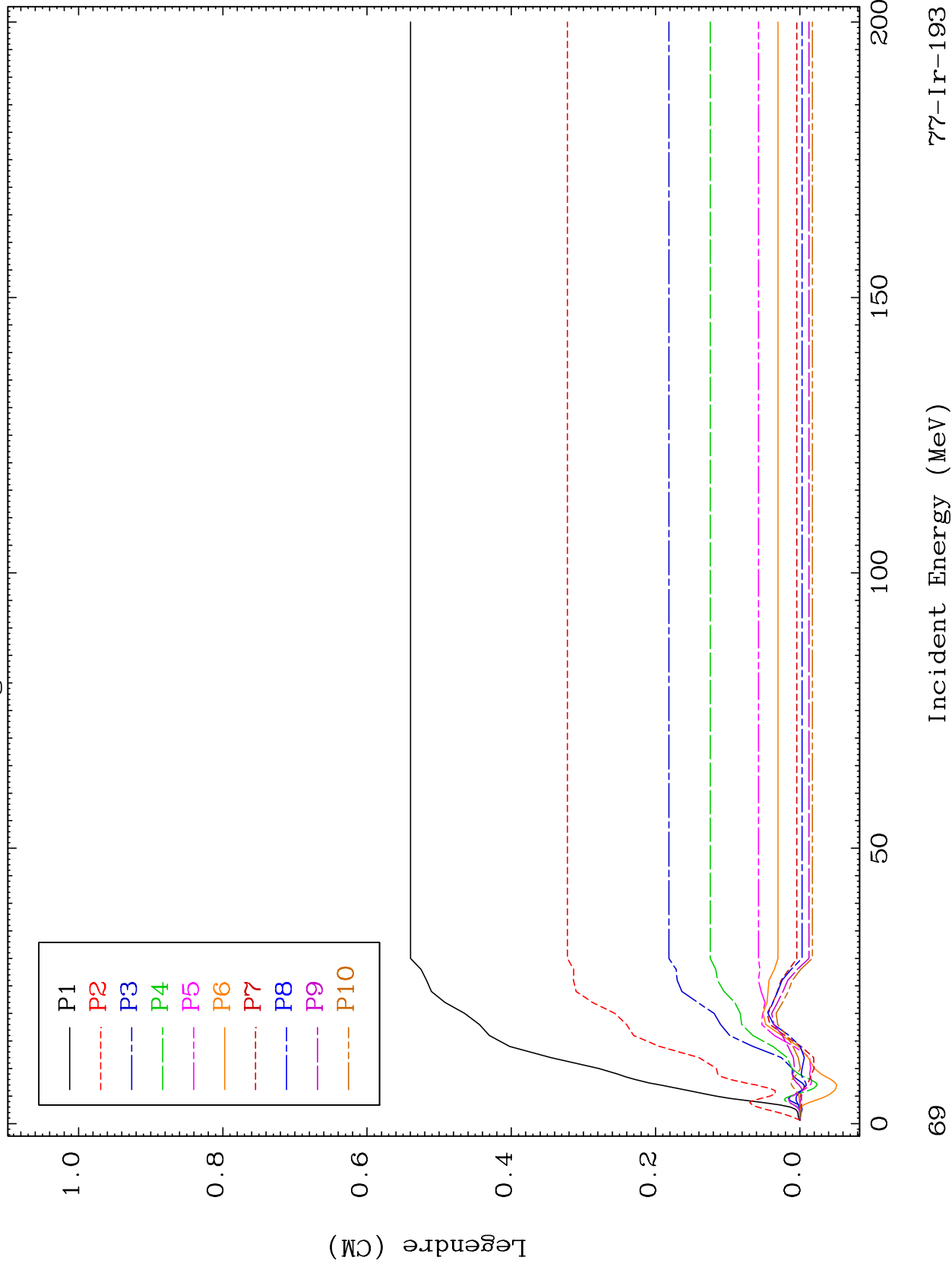
77-Ir-193



68

Incident Energy (MeV)

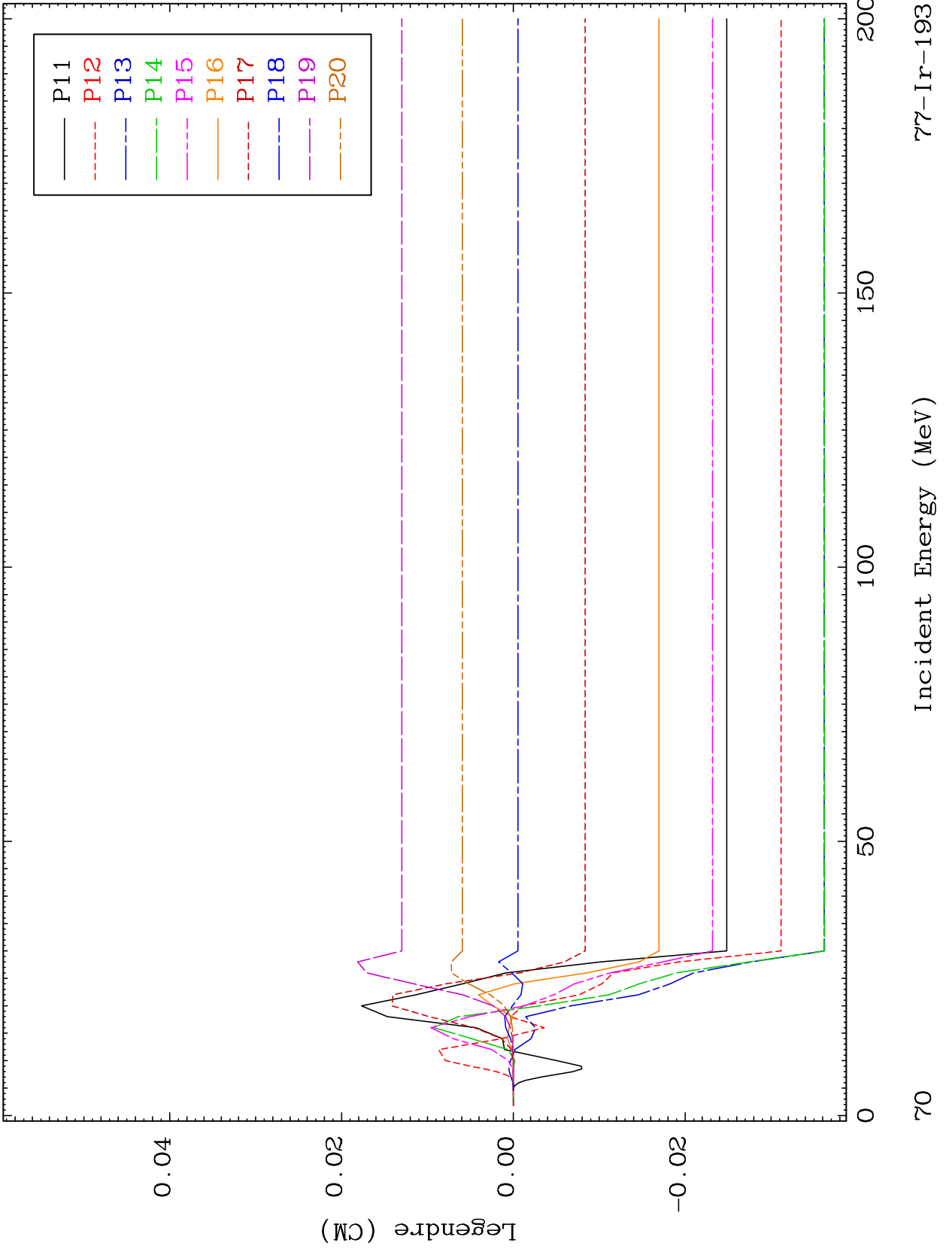
77-Ir-193



MAT 7731

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

77-Ir-193



70

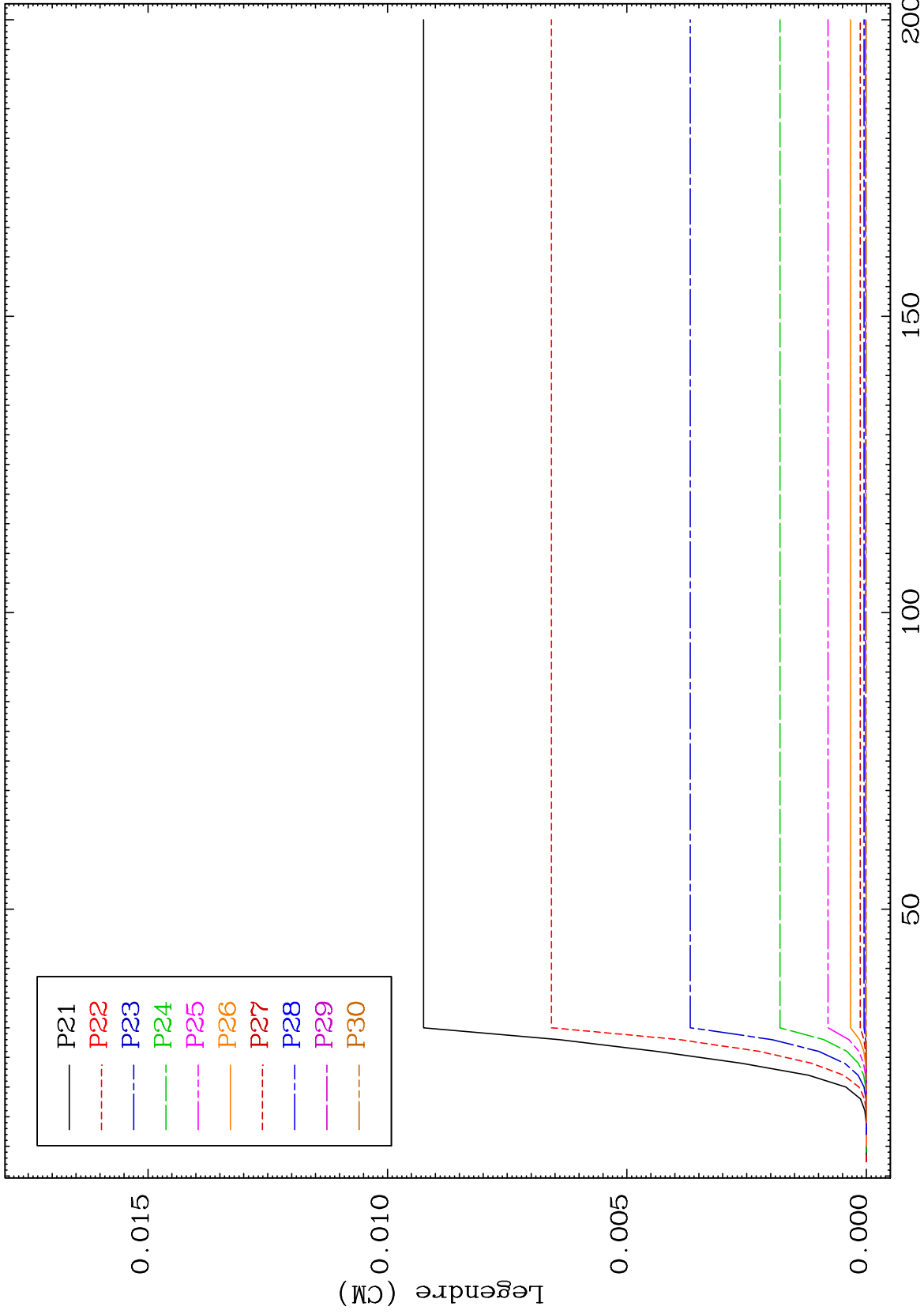
Incident Energy (MeV)

77-Ir-193

MAT 7731

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

77-Ir-193



71

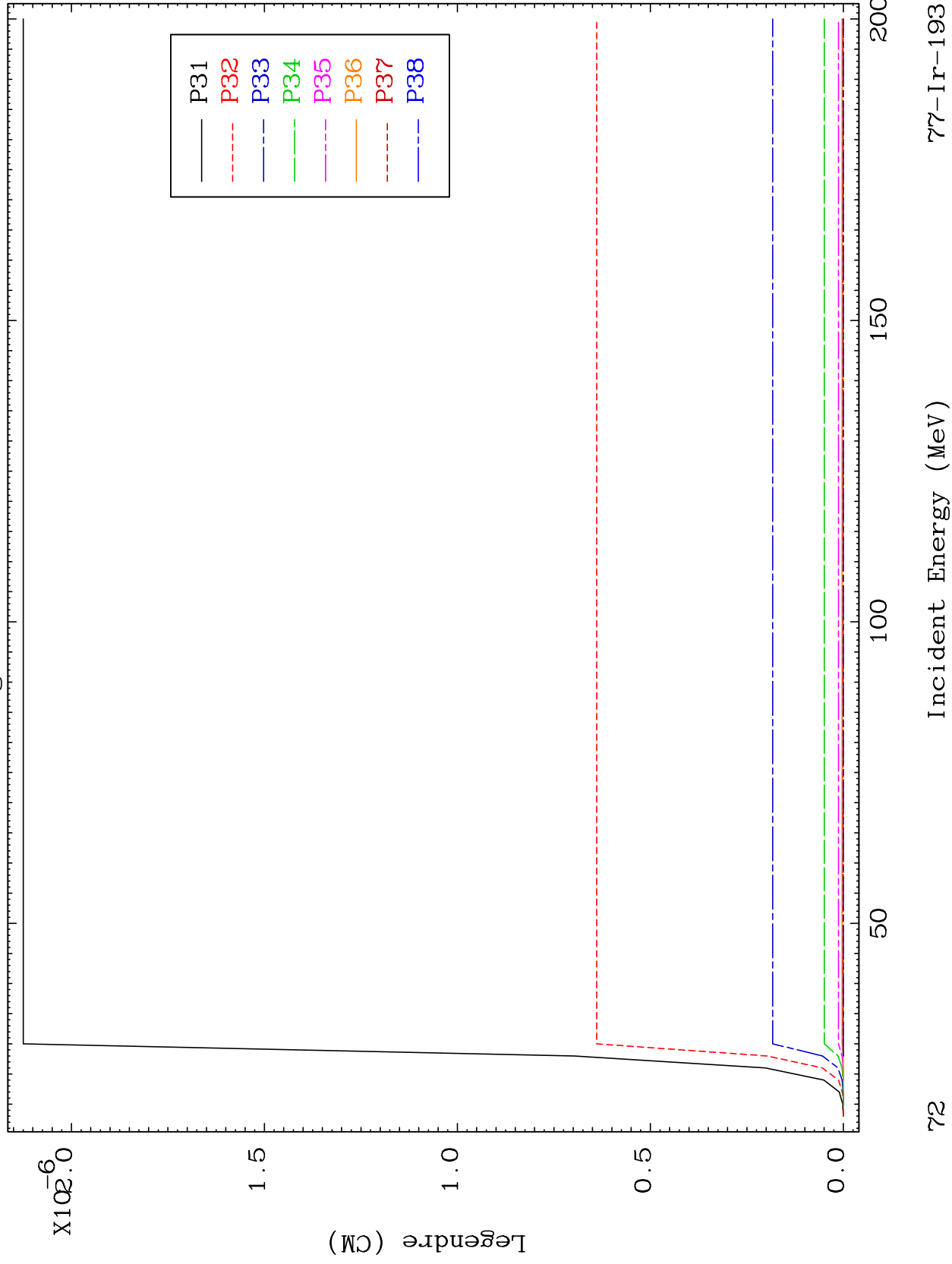
Incident Energy (MeV)

77-Ir-193

MAT 7731

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

77-Ir-193



72

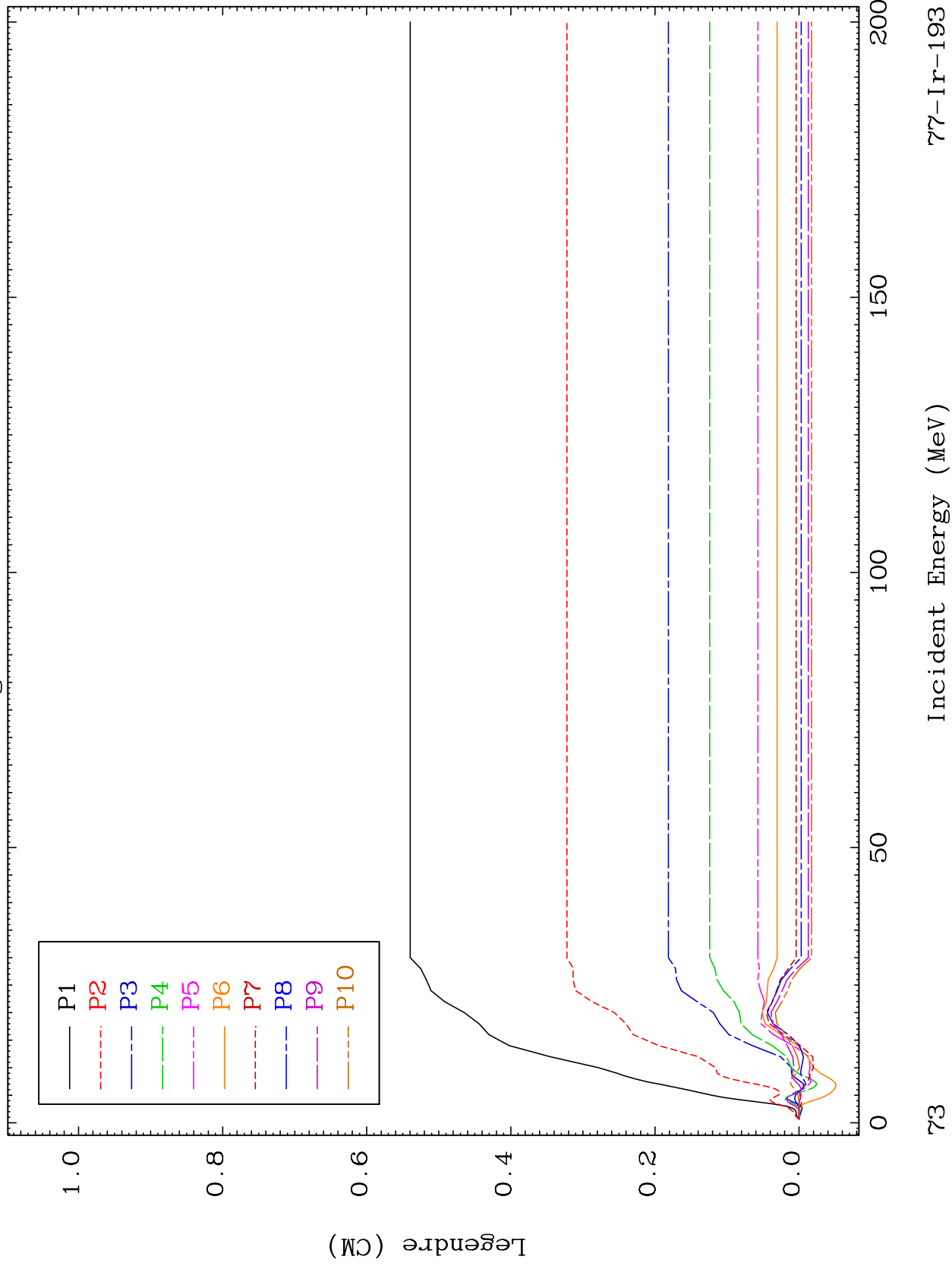
Incident Energy (MeV)

77-Ir-193

MAT 7731

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

77-Ir-193

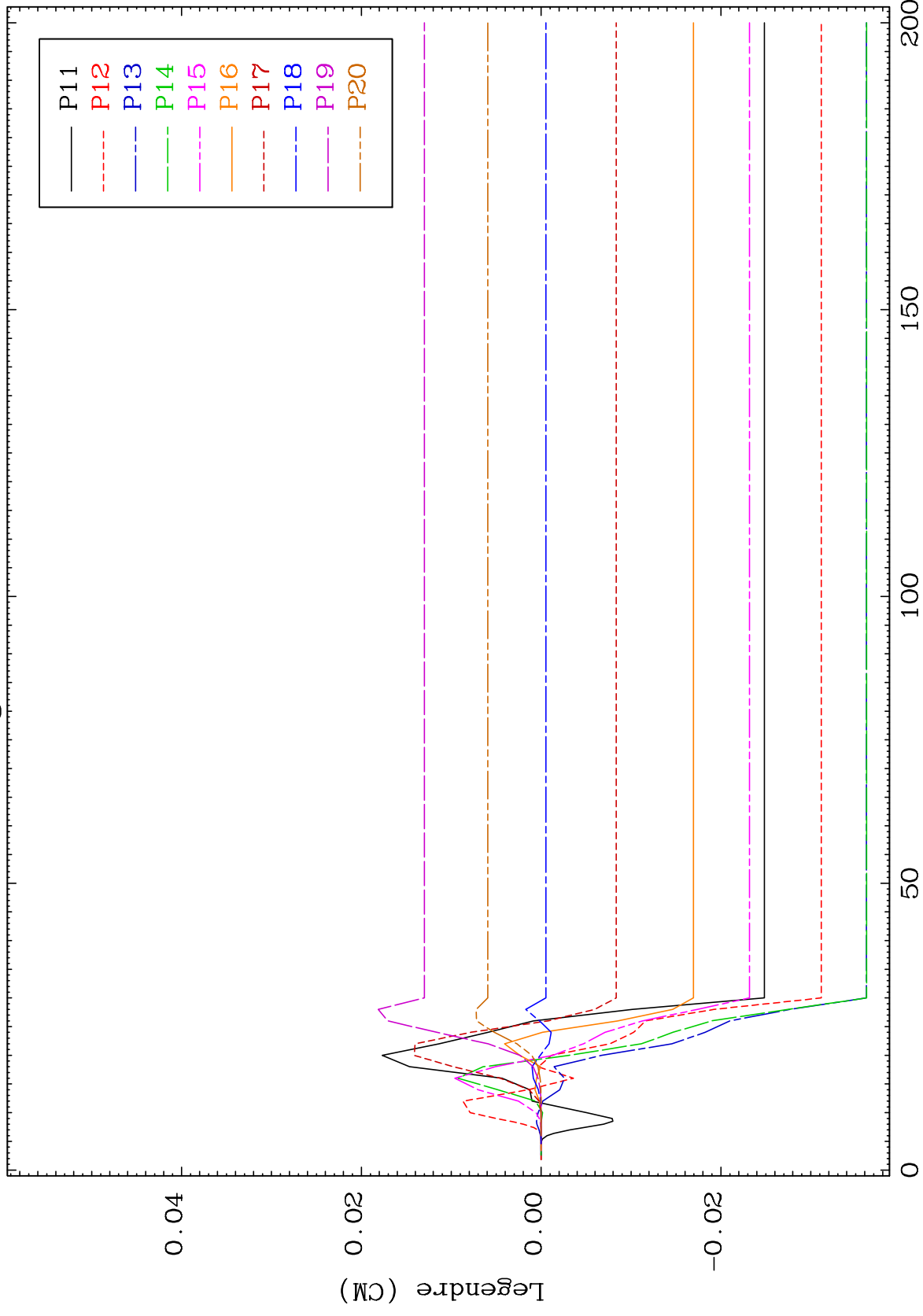


73

MAT 7731

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

77-Ir-193



74

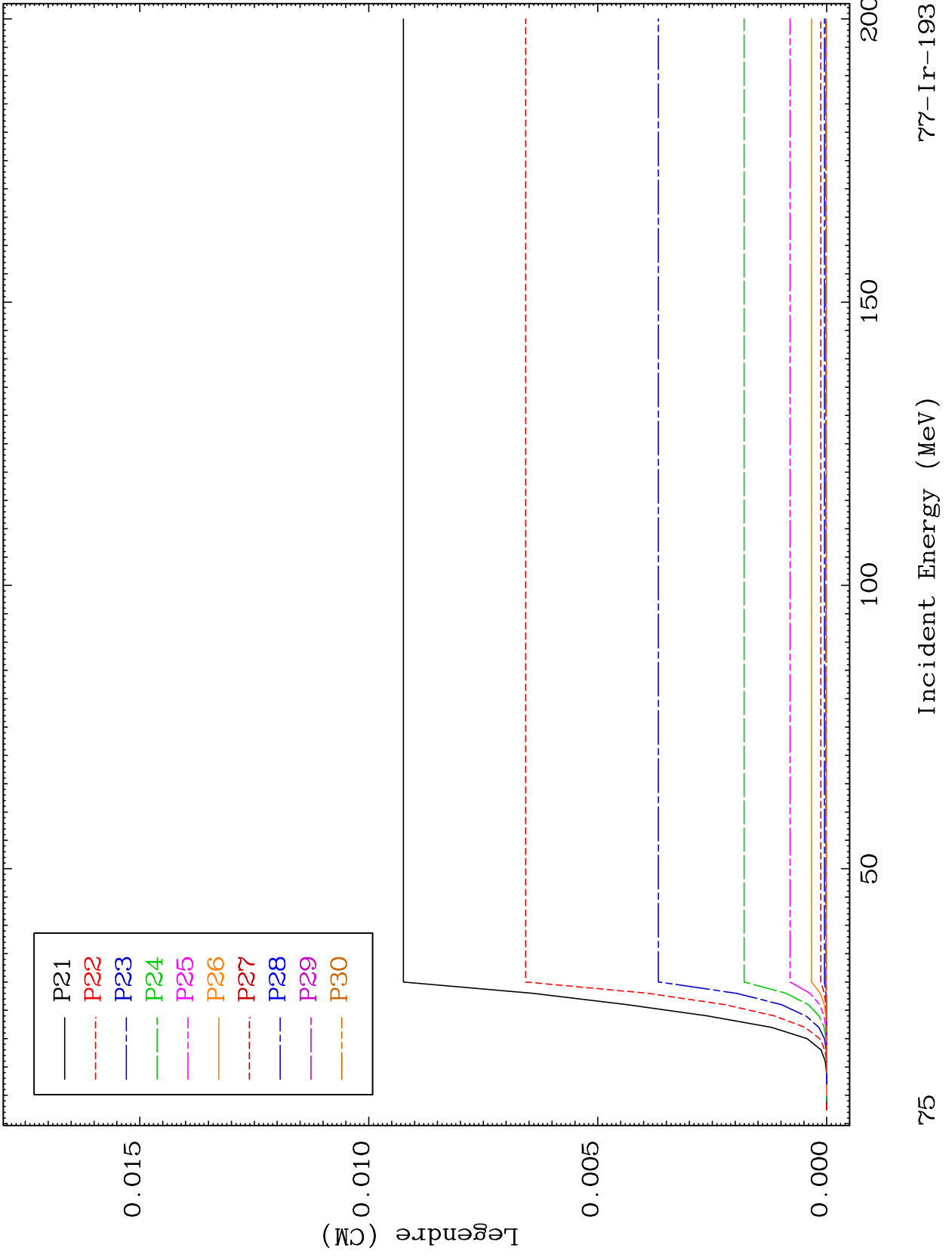
Incident Energy (MeV)

77-Ir-193

MAT 7731

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

77-Ir-193



75

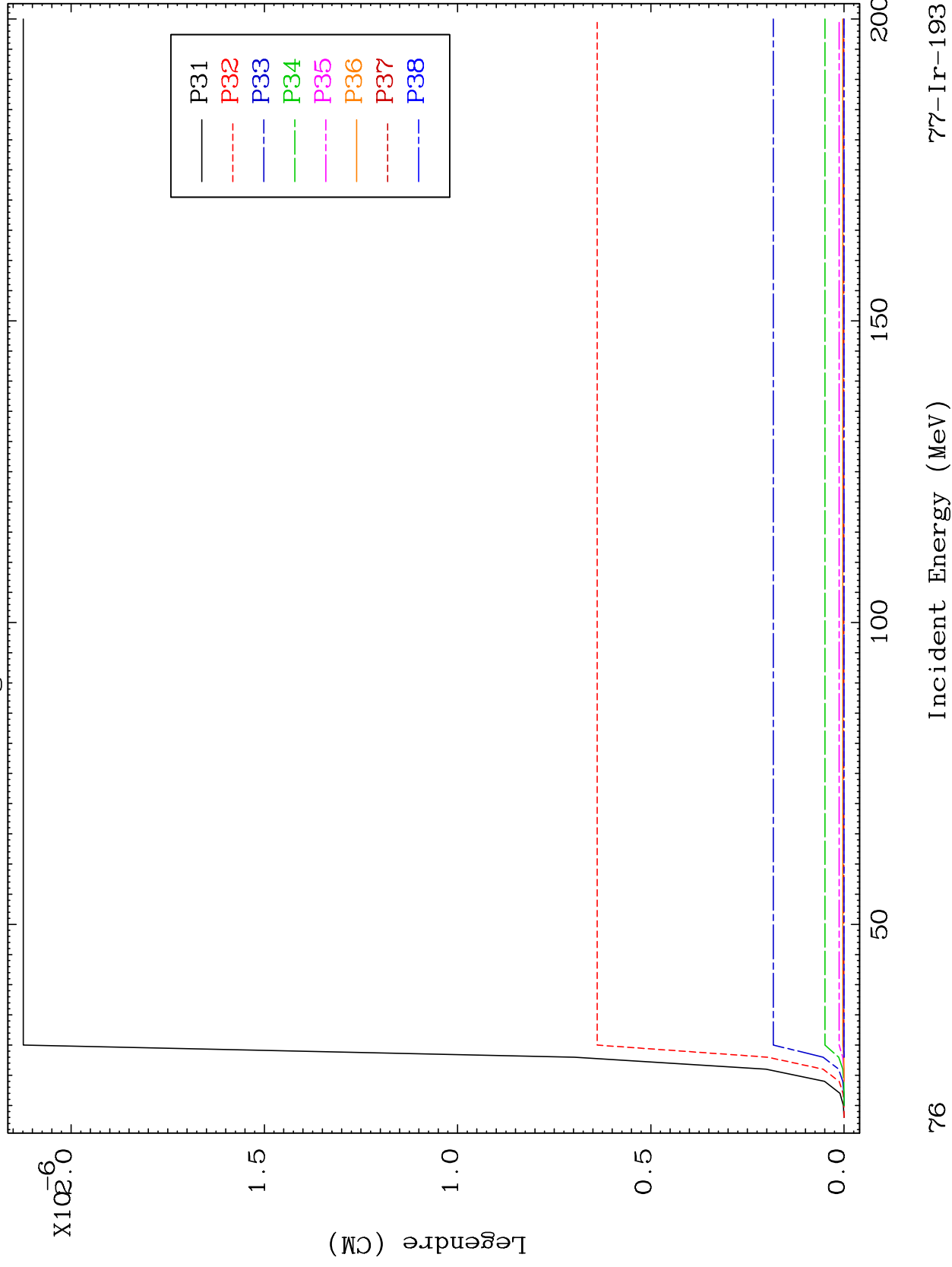
Incident Energy (MeV)

77-Ir-193

MAT 7731

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

77-Ir-193



76

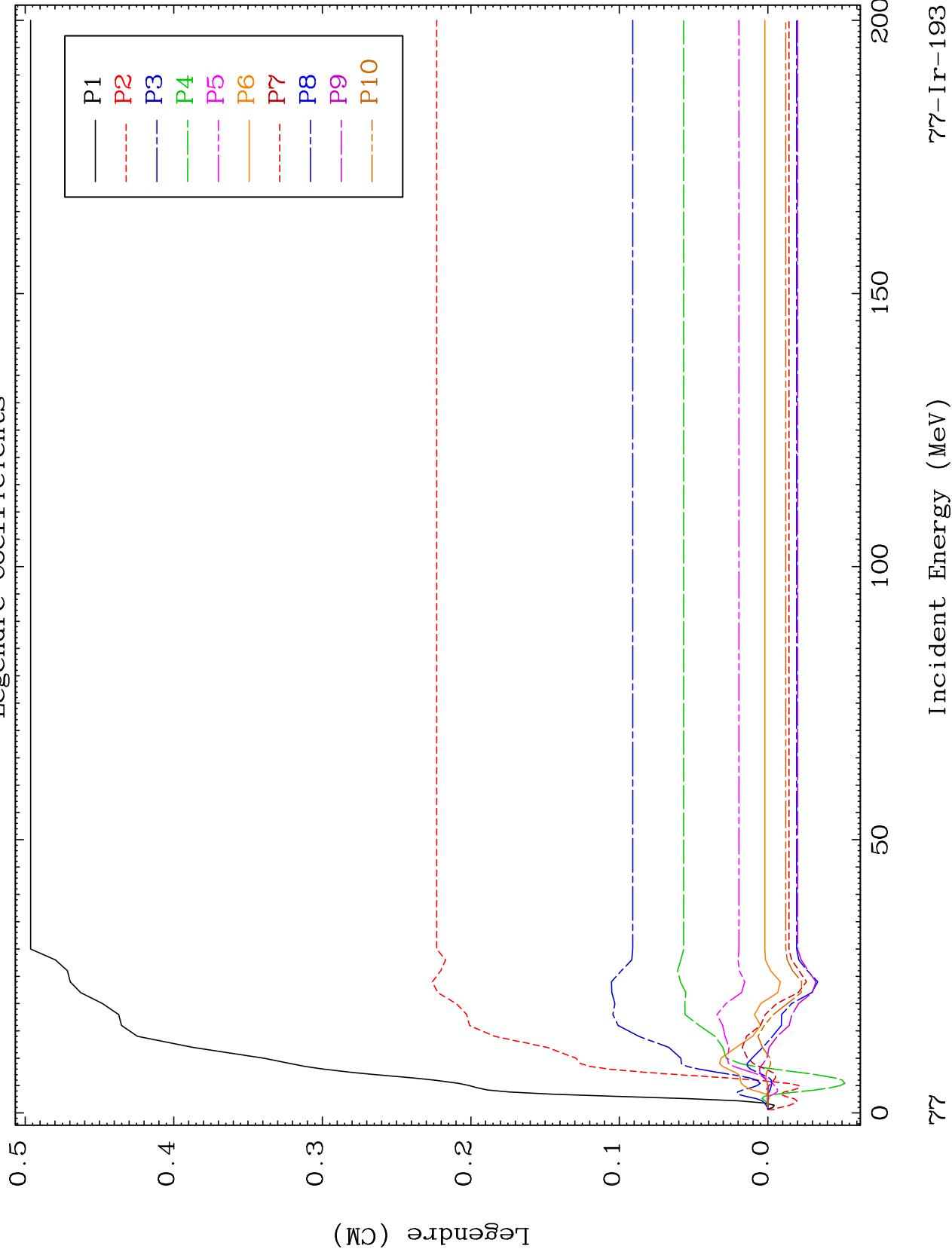
Incident Energy (MeV)

77-Ir-193

MAT 7731

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

77-Ir-193



77-Ir-193

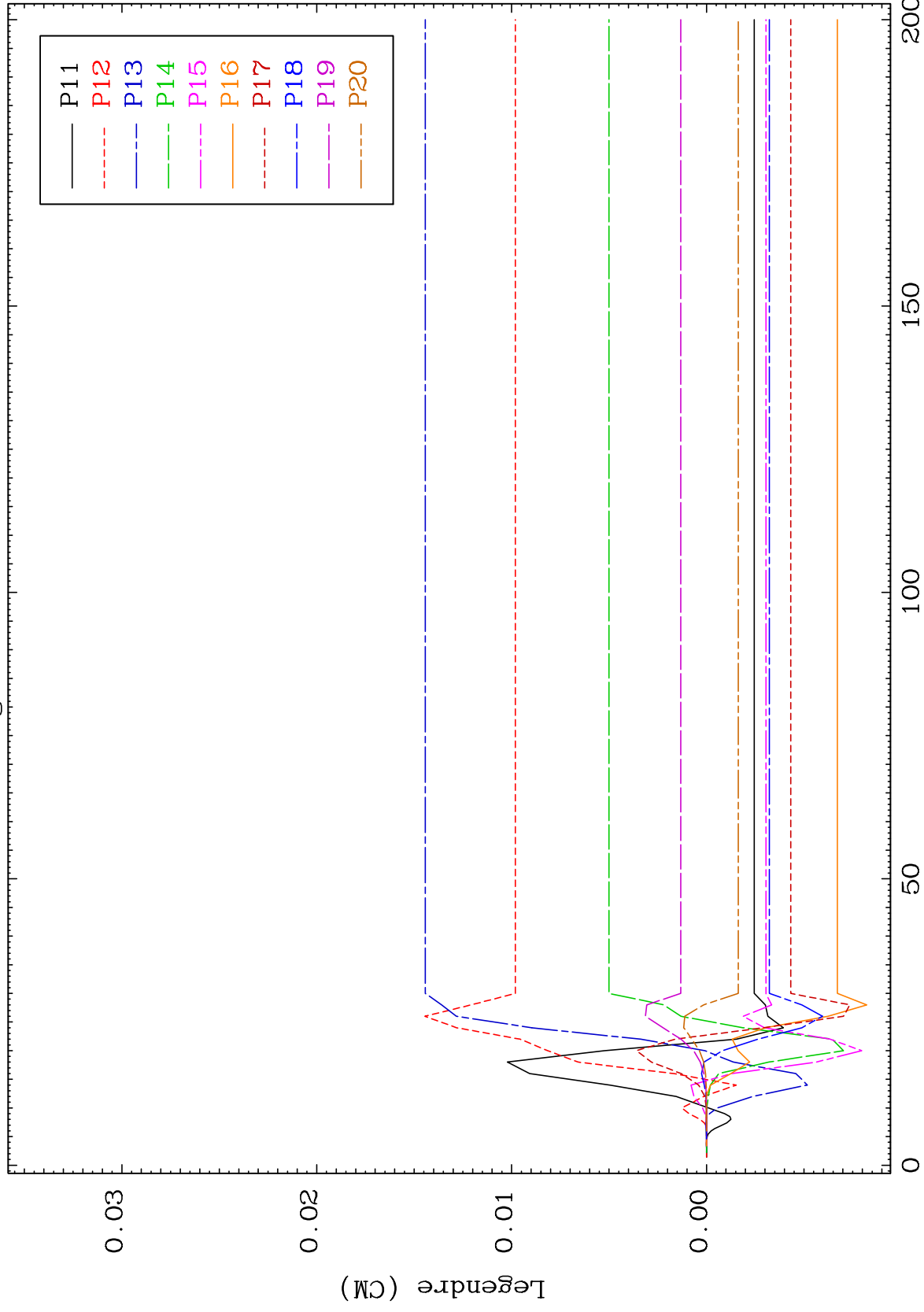
Incident Energy (MeV)

77

MAT 7731

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

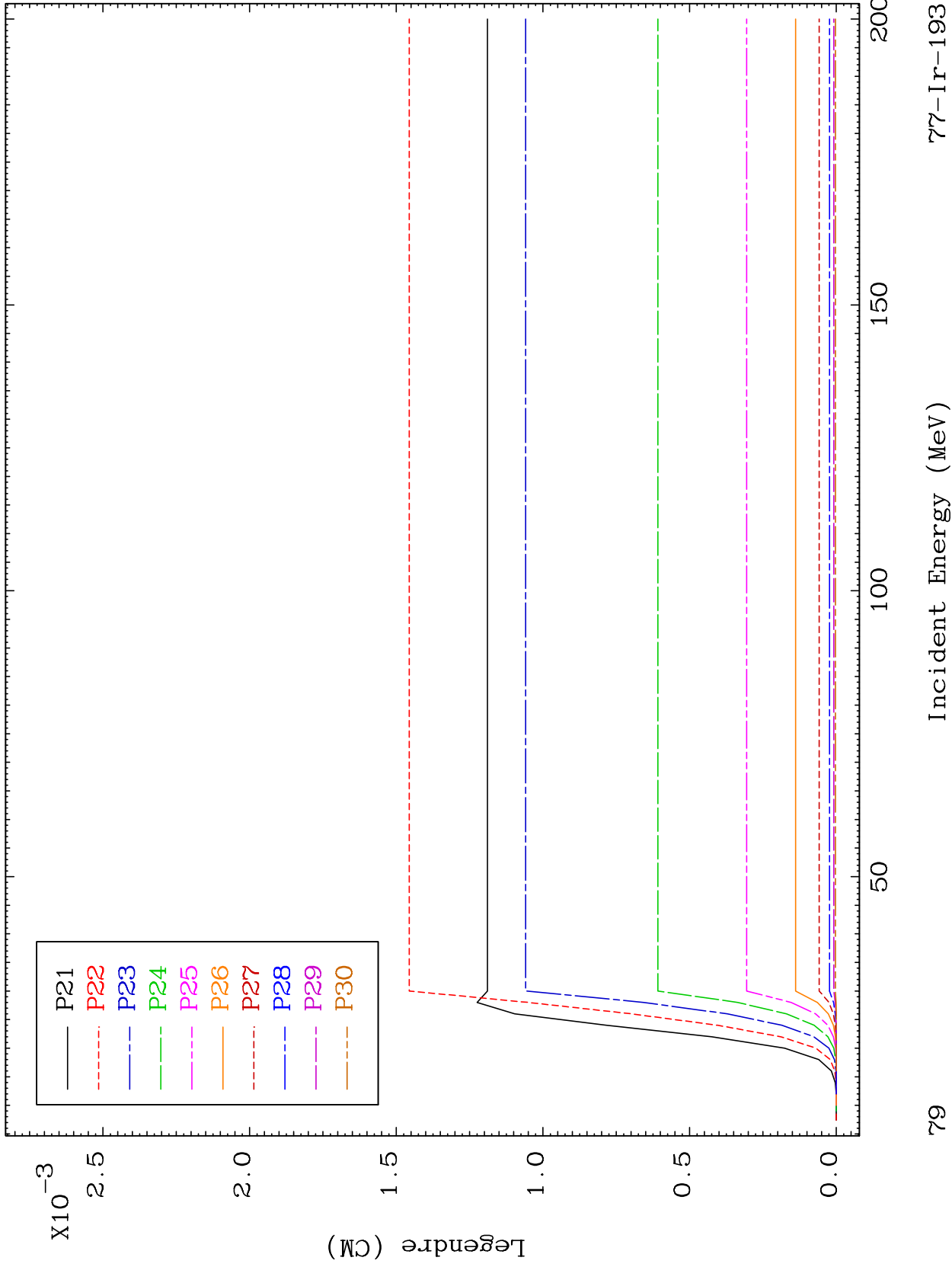
77-Ir-193



78

Incident Energy (MeV)

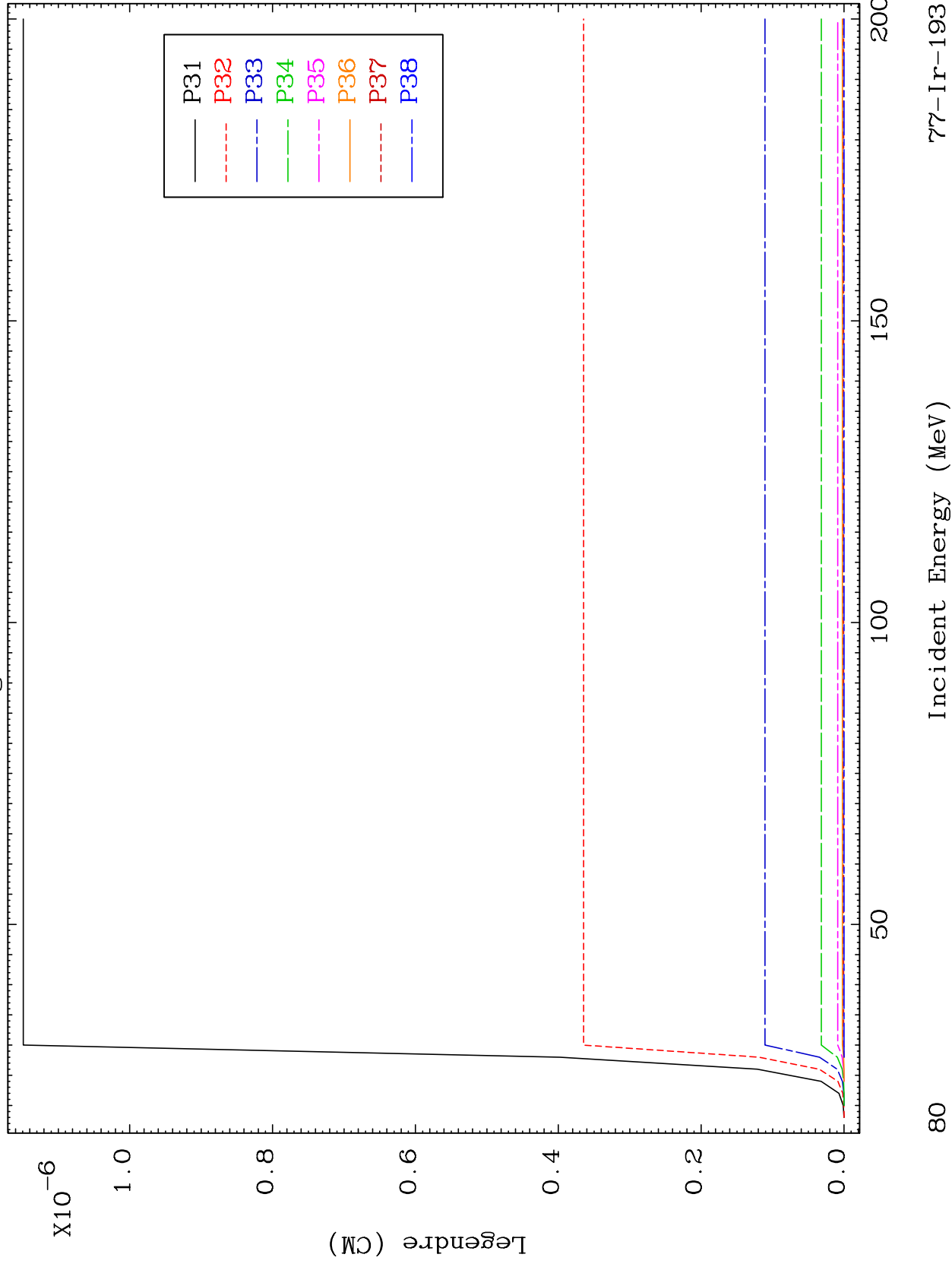
77-Ir-193

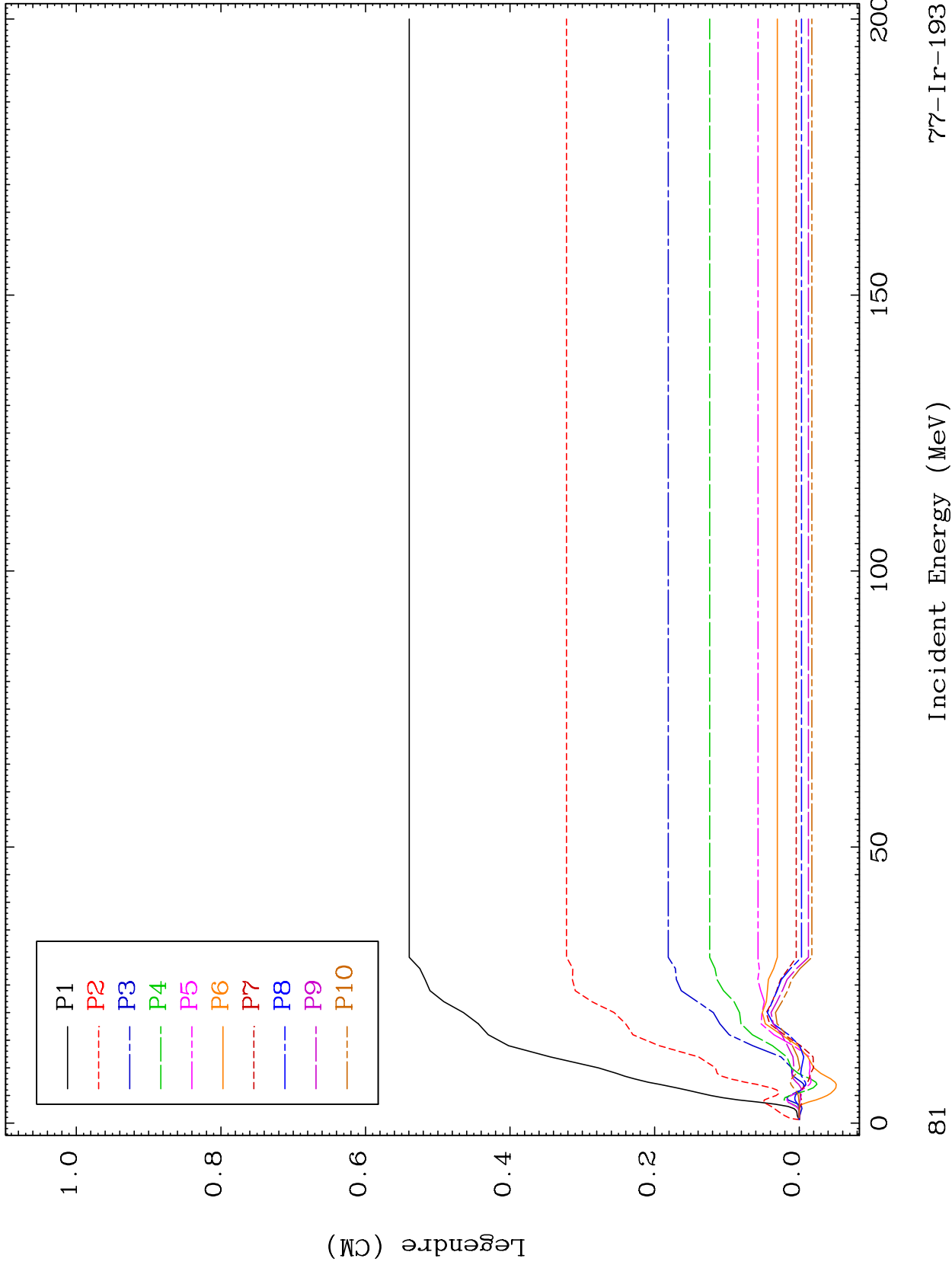


MAT 7731

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

77-Ir-193

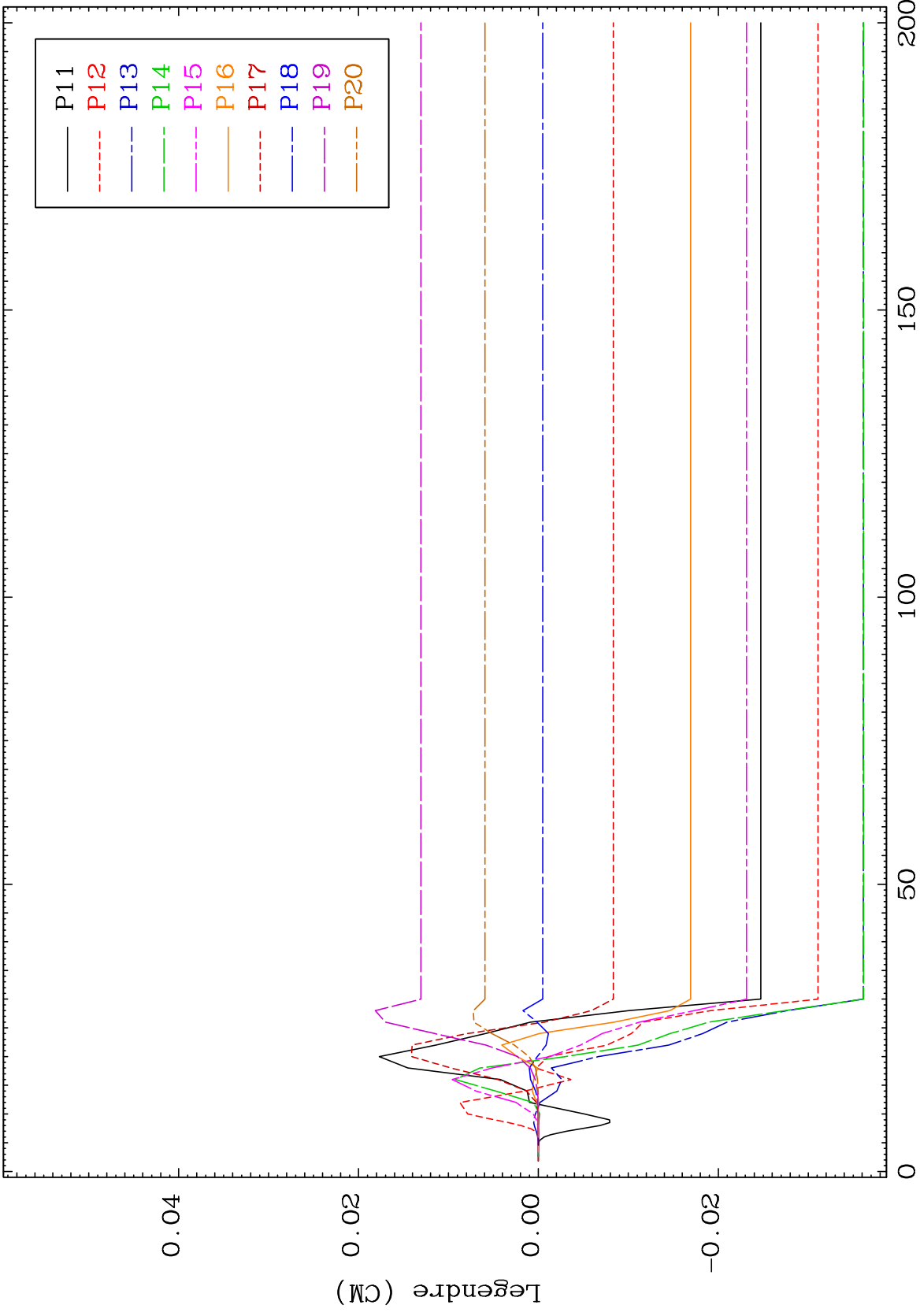




MAT 7731

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

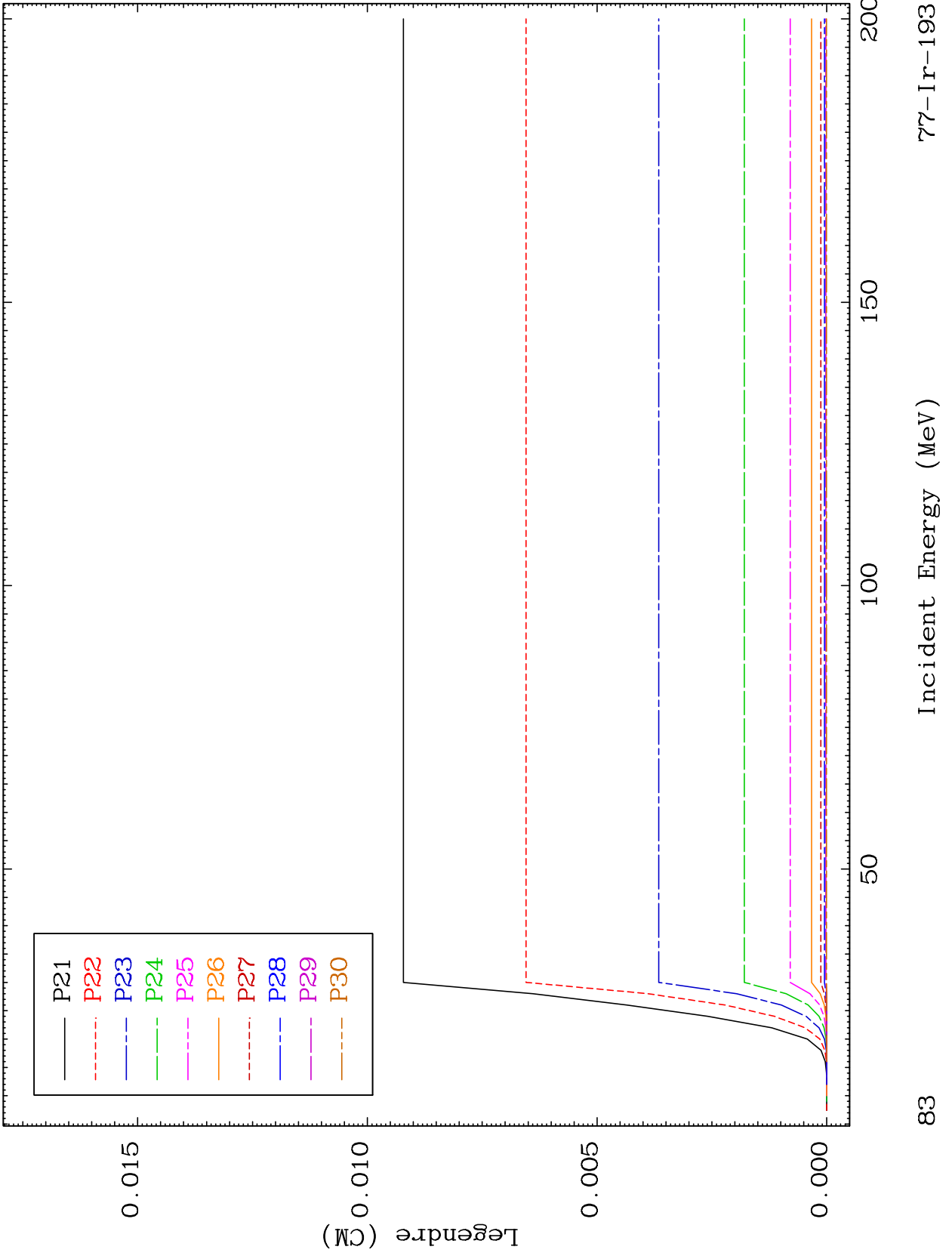
77-Ir-193



82

Incident Energy (MeV)

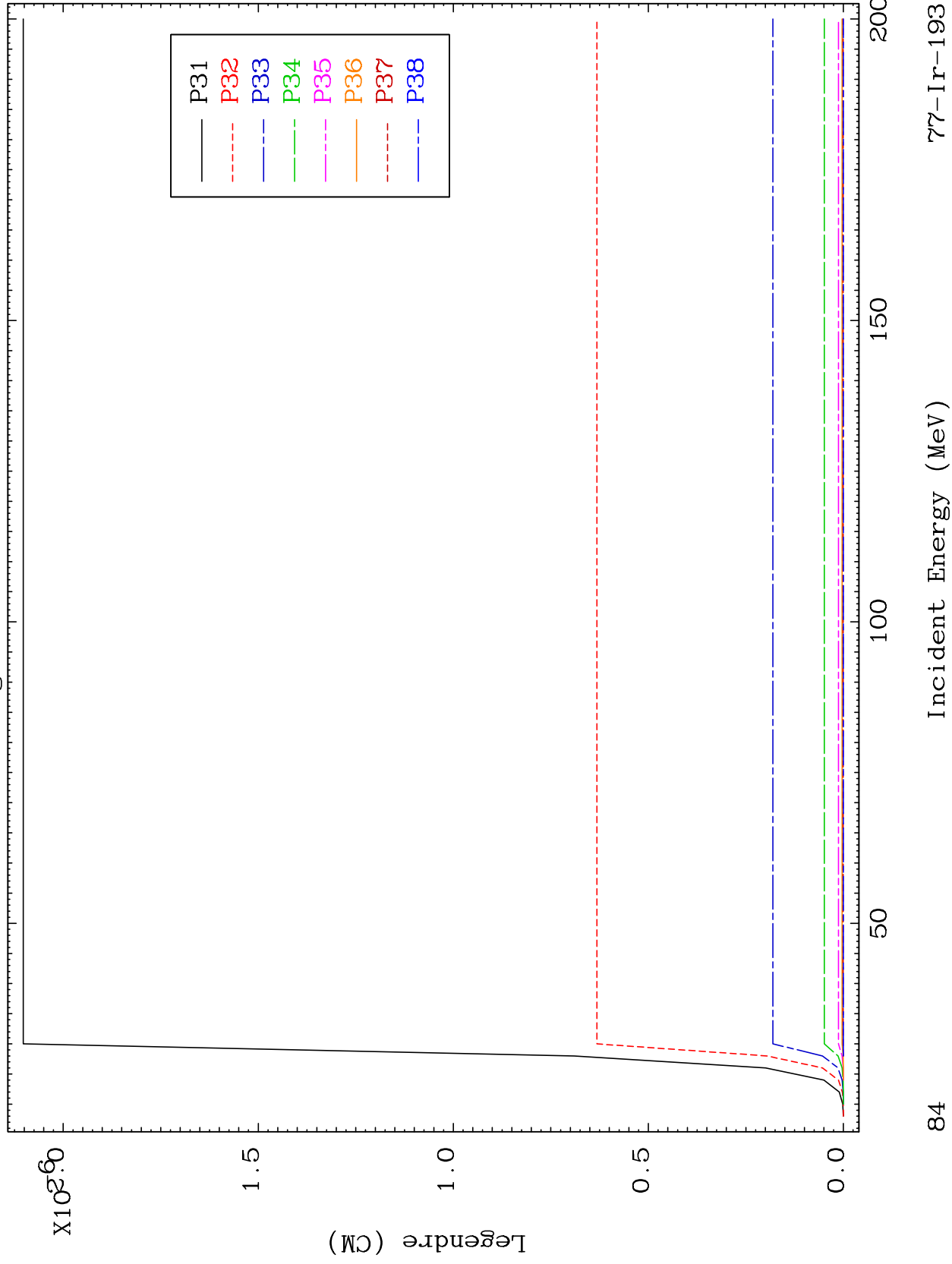
77-Ir-193



MAT 7731

77-Ir-193

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



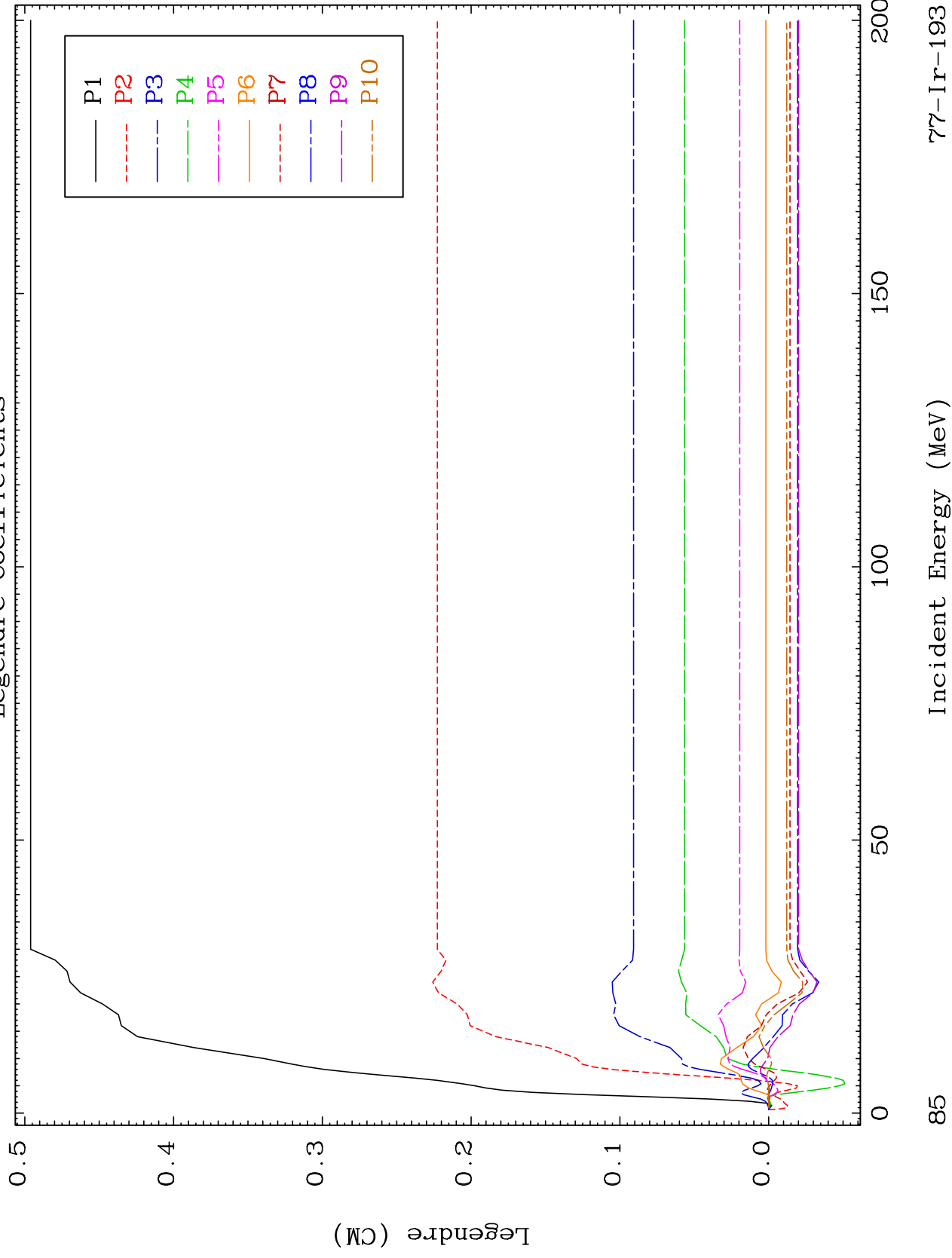
84

77-Ir-193

MAT 7731

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

77-Ir-193



77-Ir-193

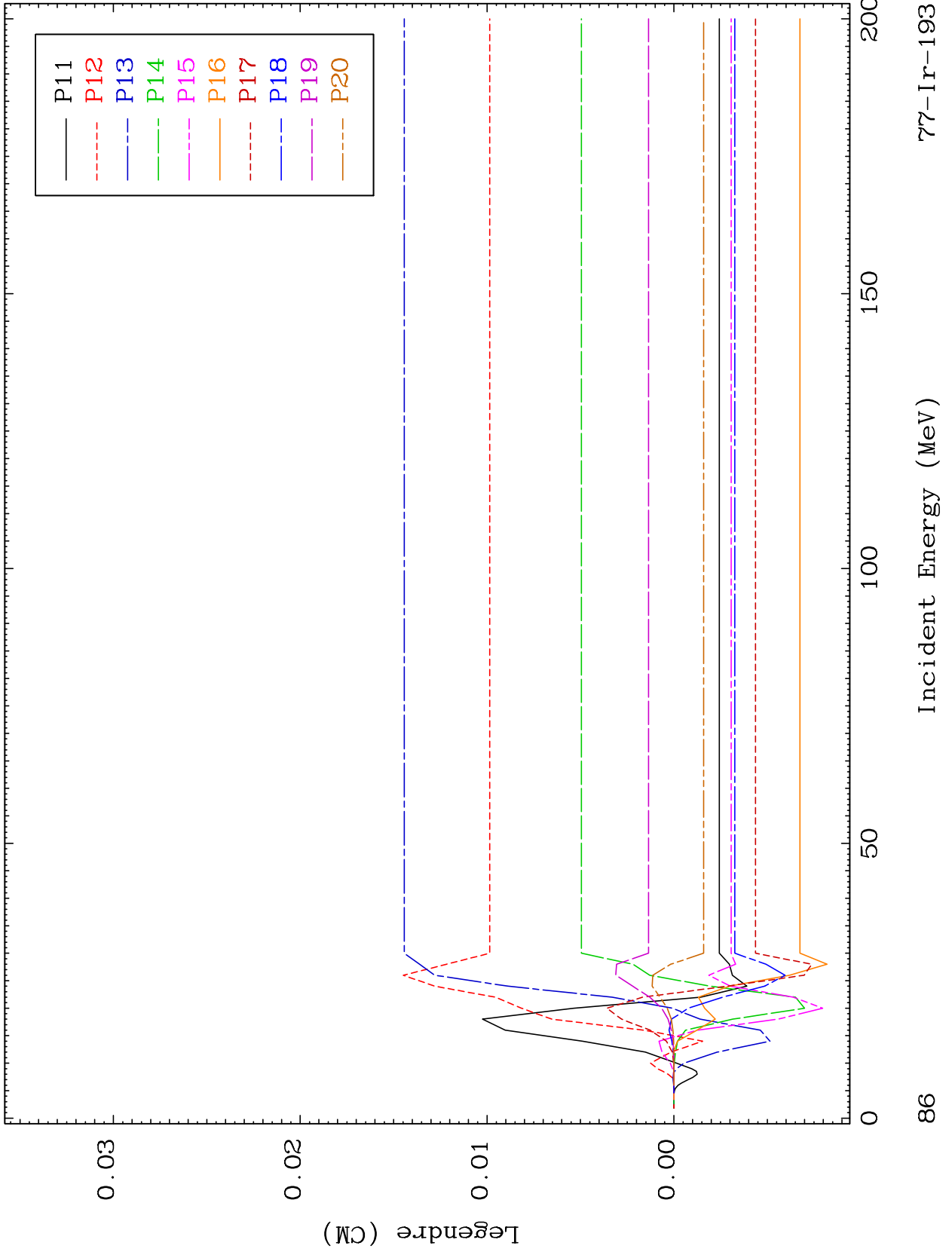
Incident Energy (MeV)

85

MAT 7731

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

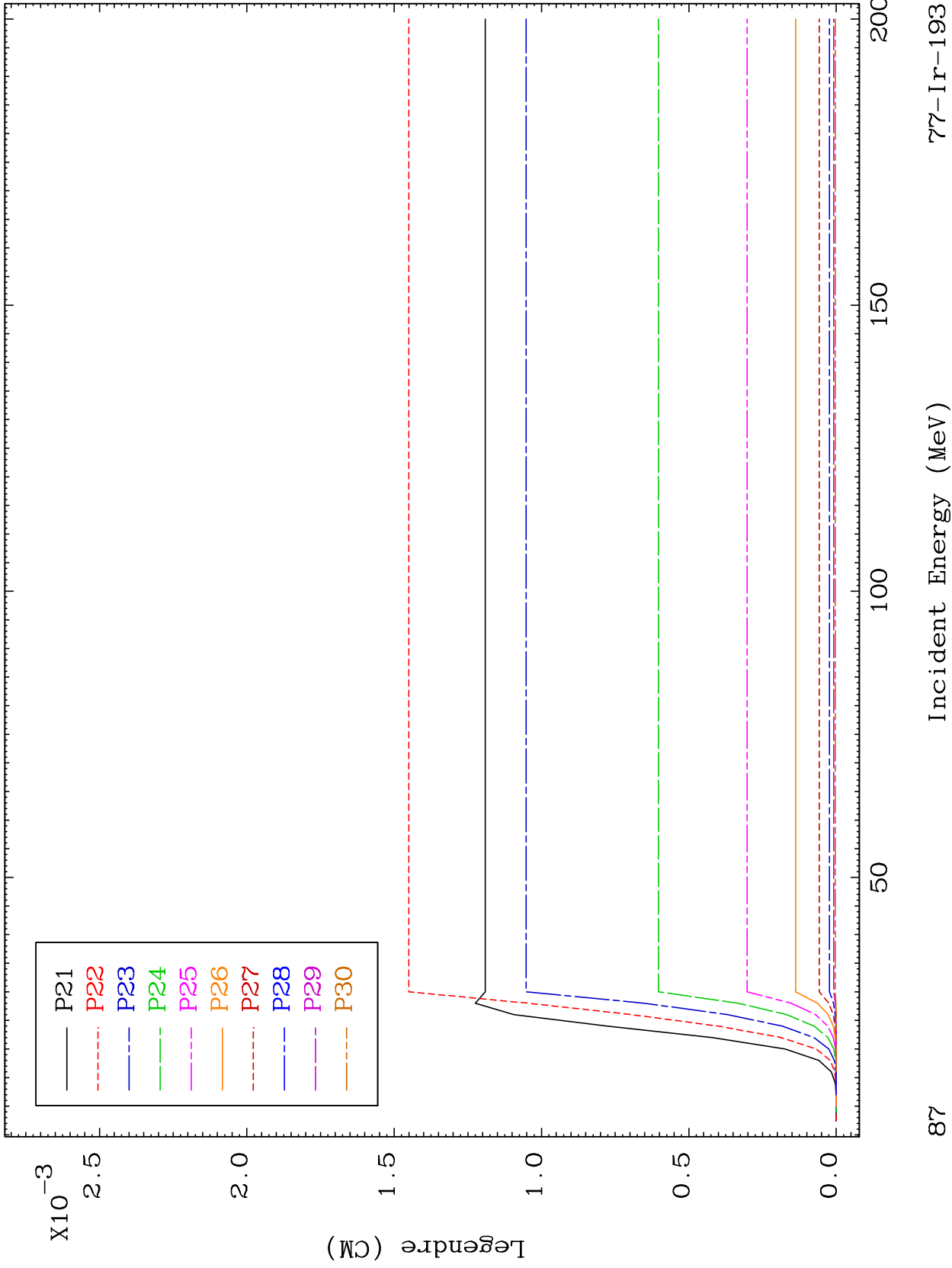
77-Ir-193

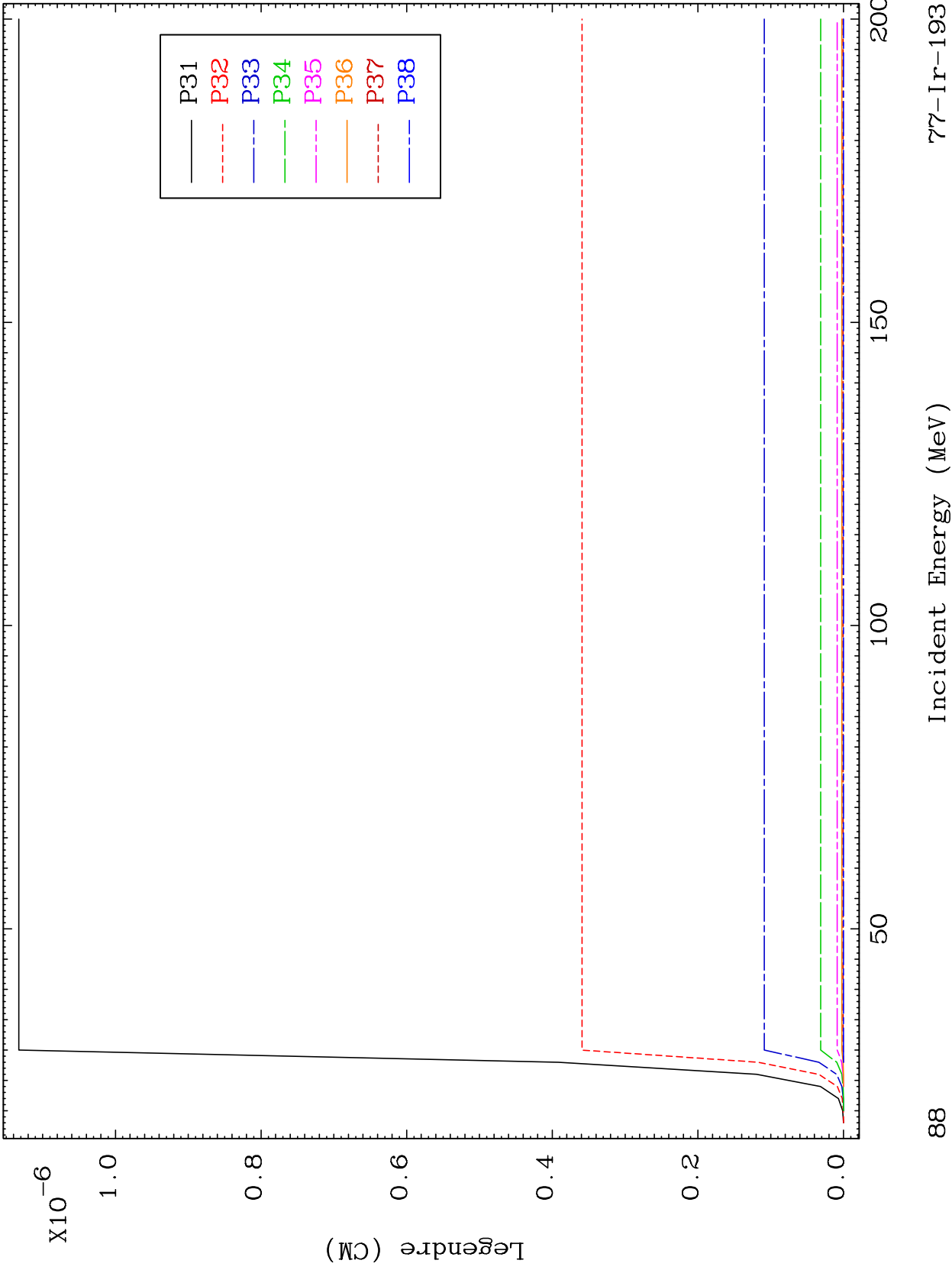


86

Incident Energy (MeV)

77-Ir-193

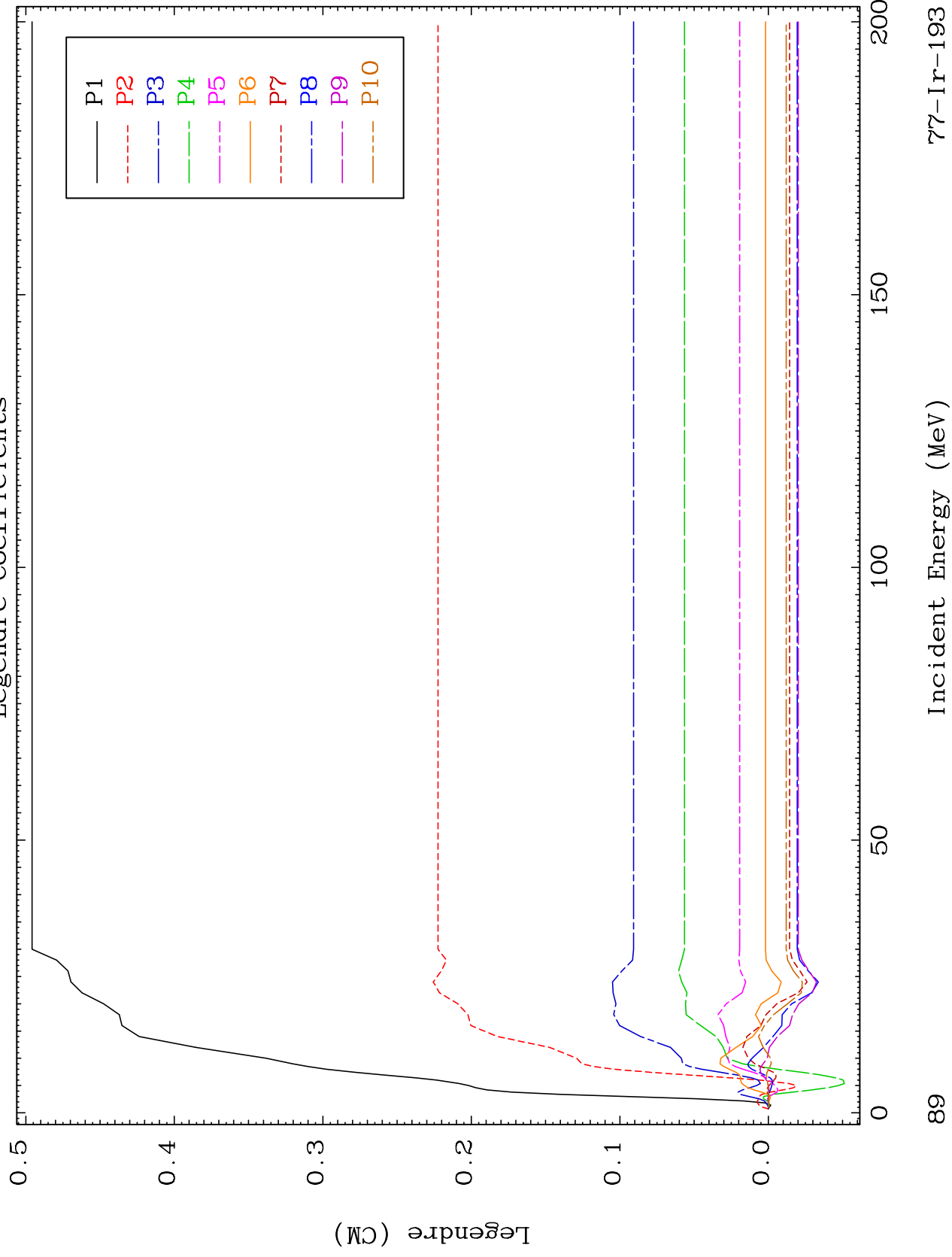




MAT 7731

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

77-Ir-193



77-Ir-193

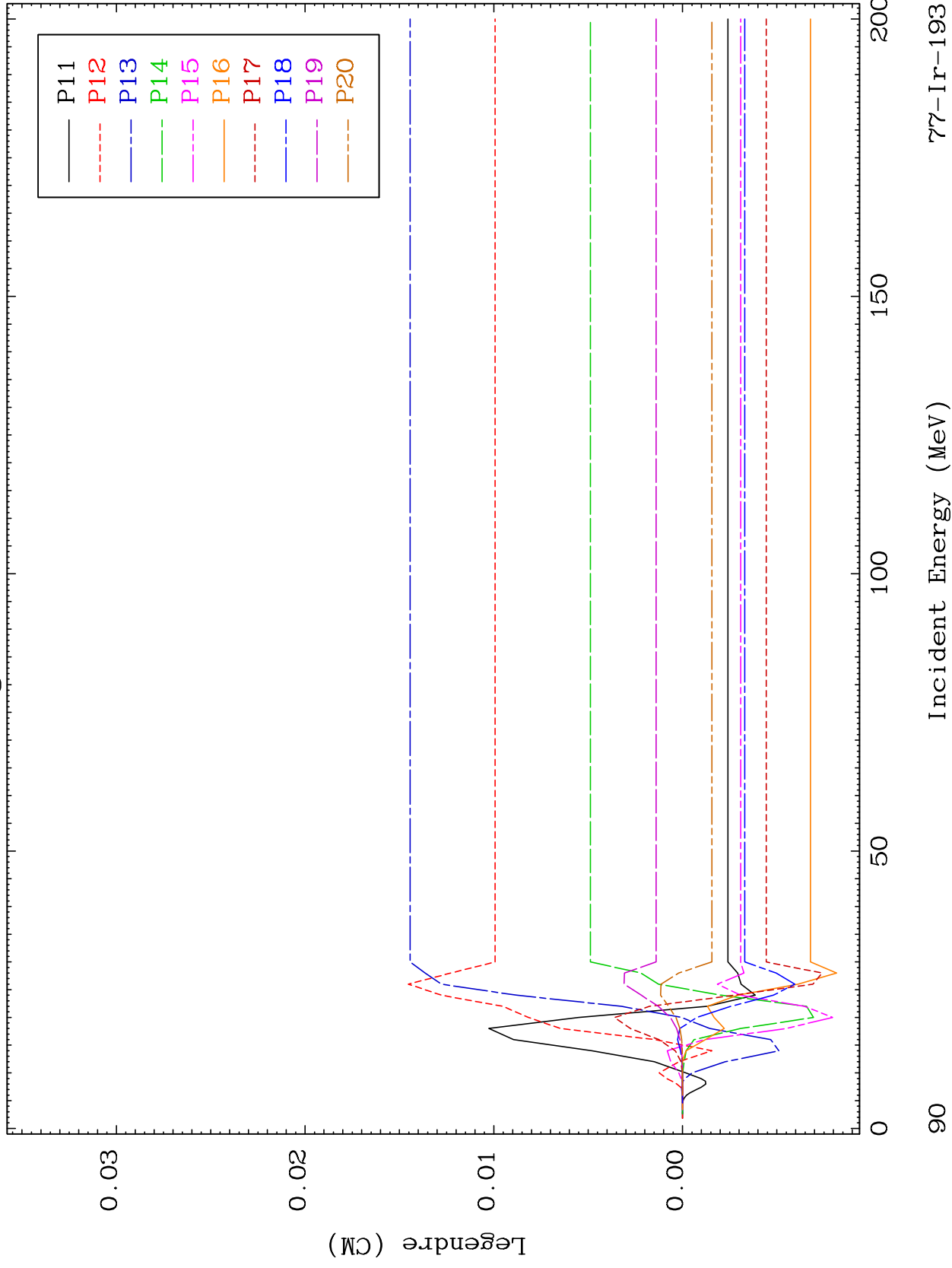
Incident Energy (MeV)

89

MAT 7731

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

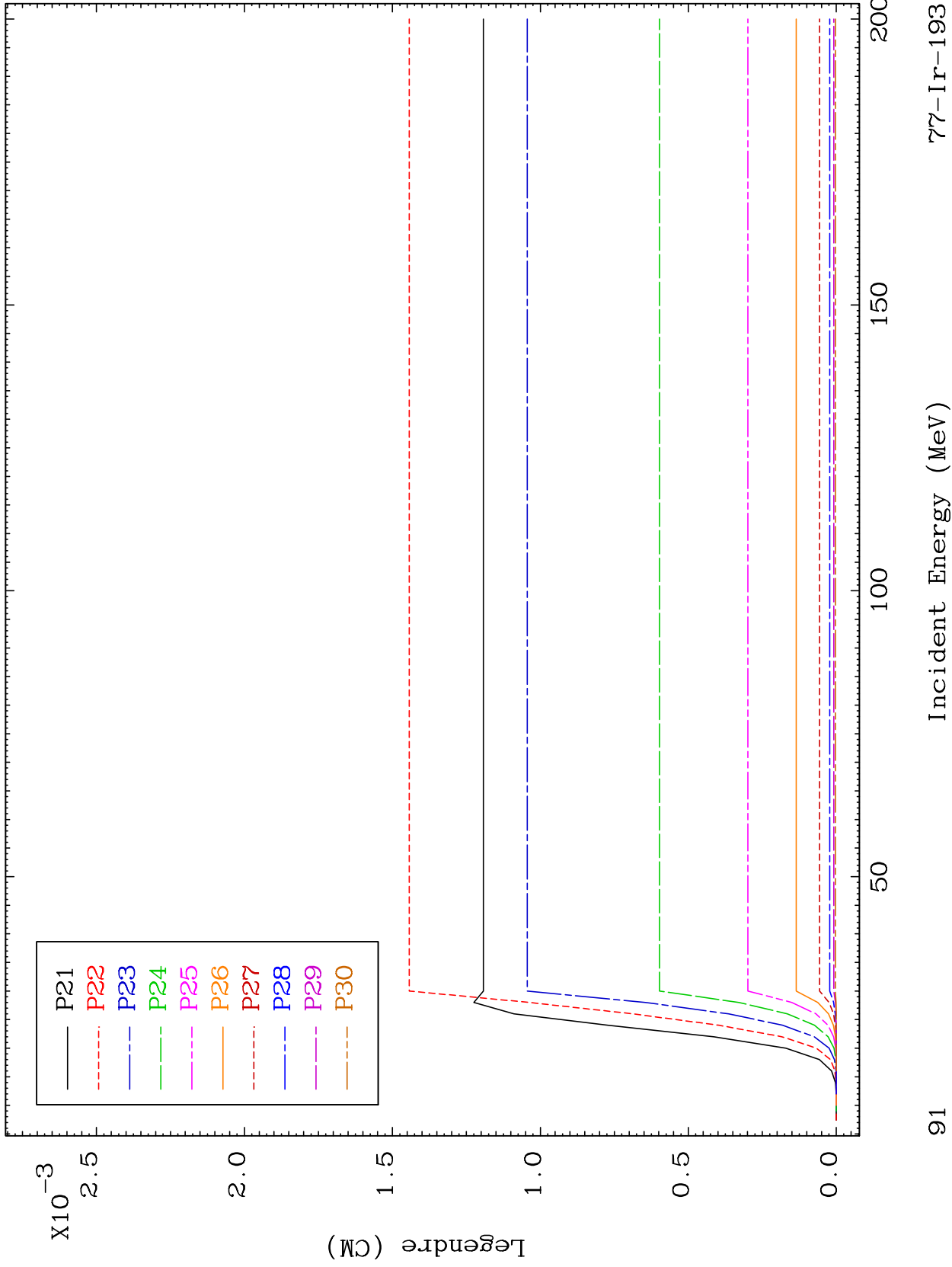
77-Ir-193



77-Ir-193

Incident Energy (MeV)

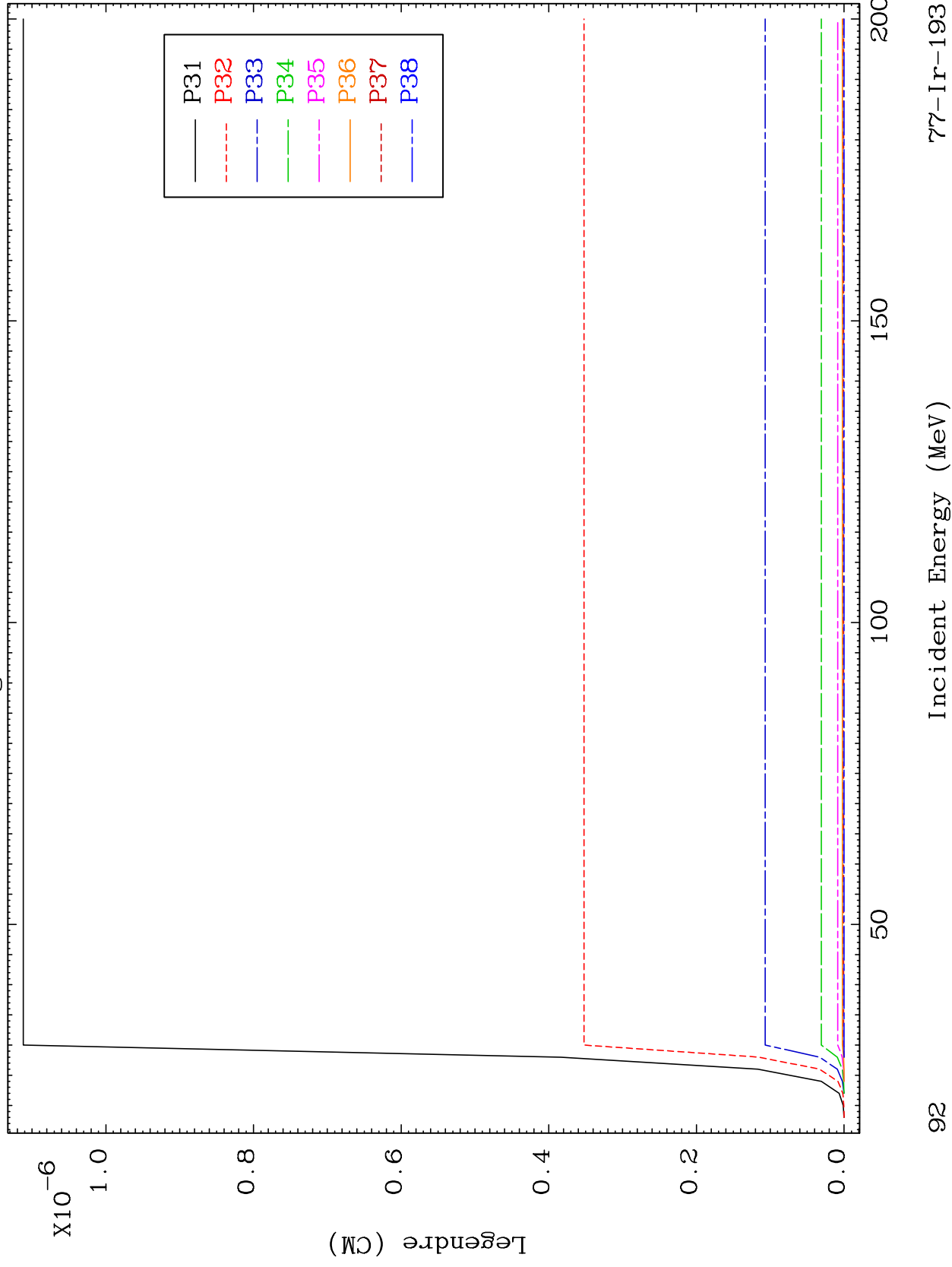
90

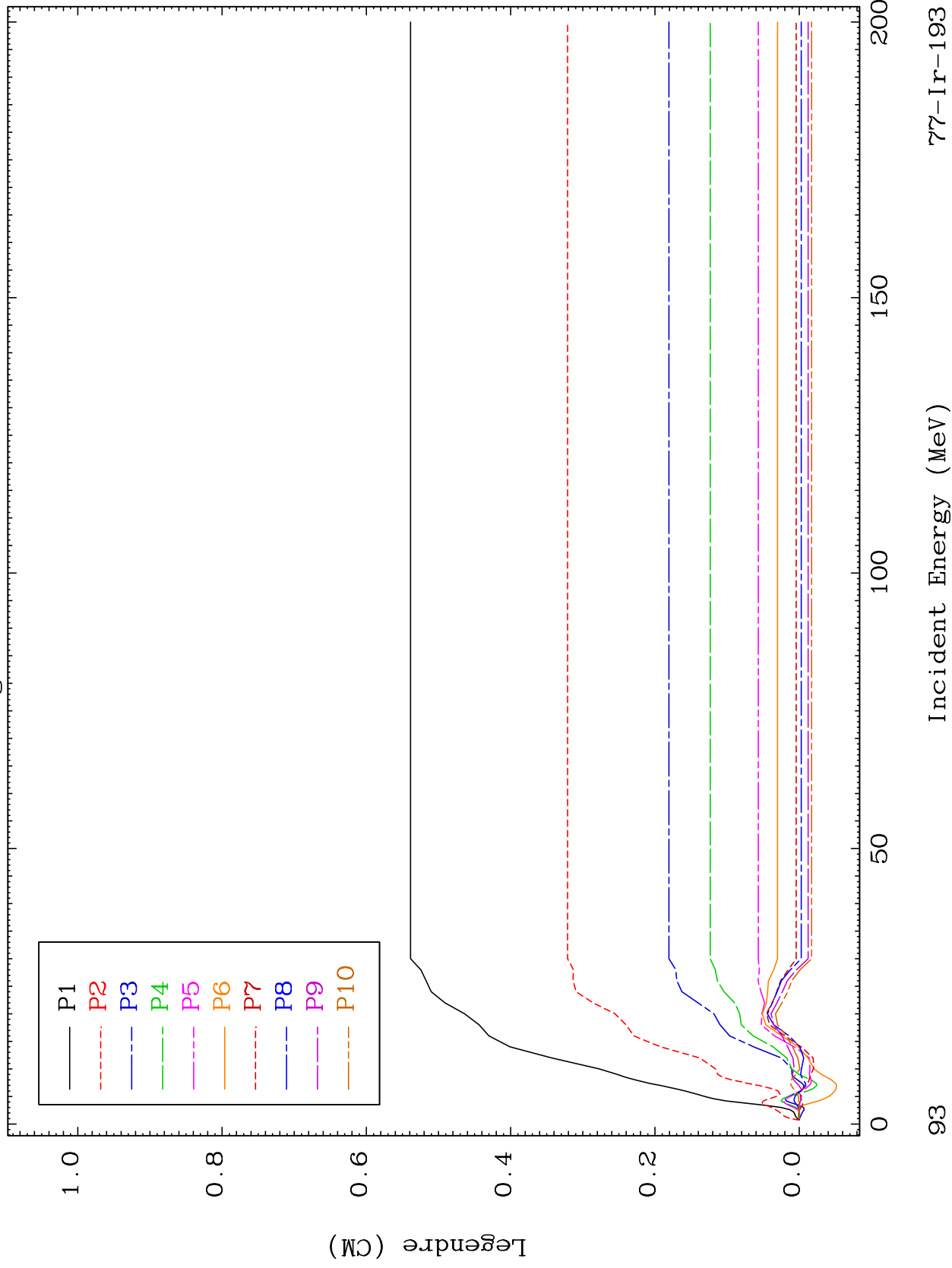


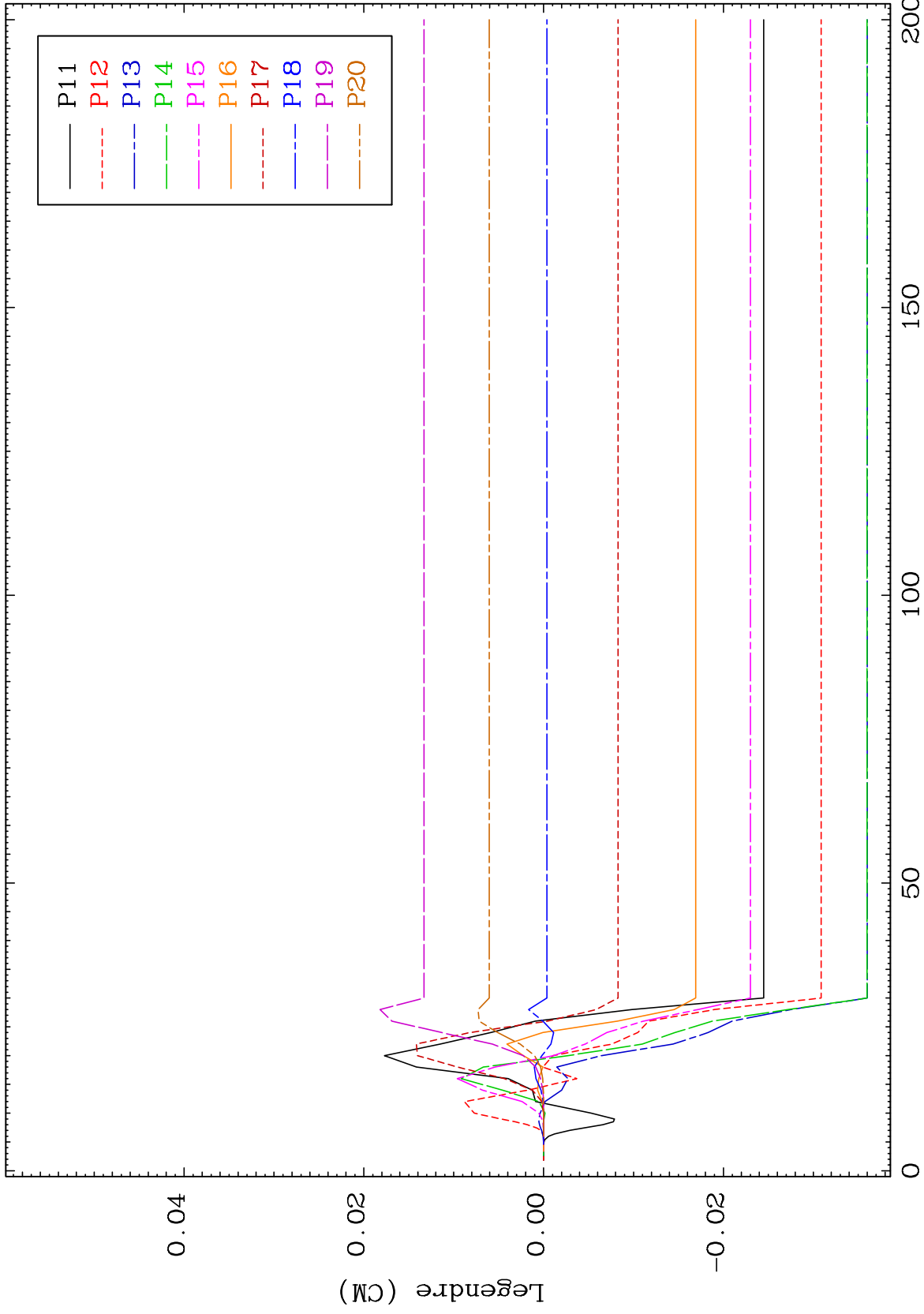
MAT 7731

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

77-Ir-193



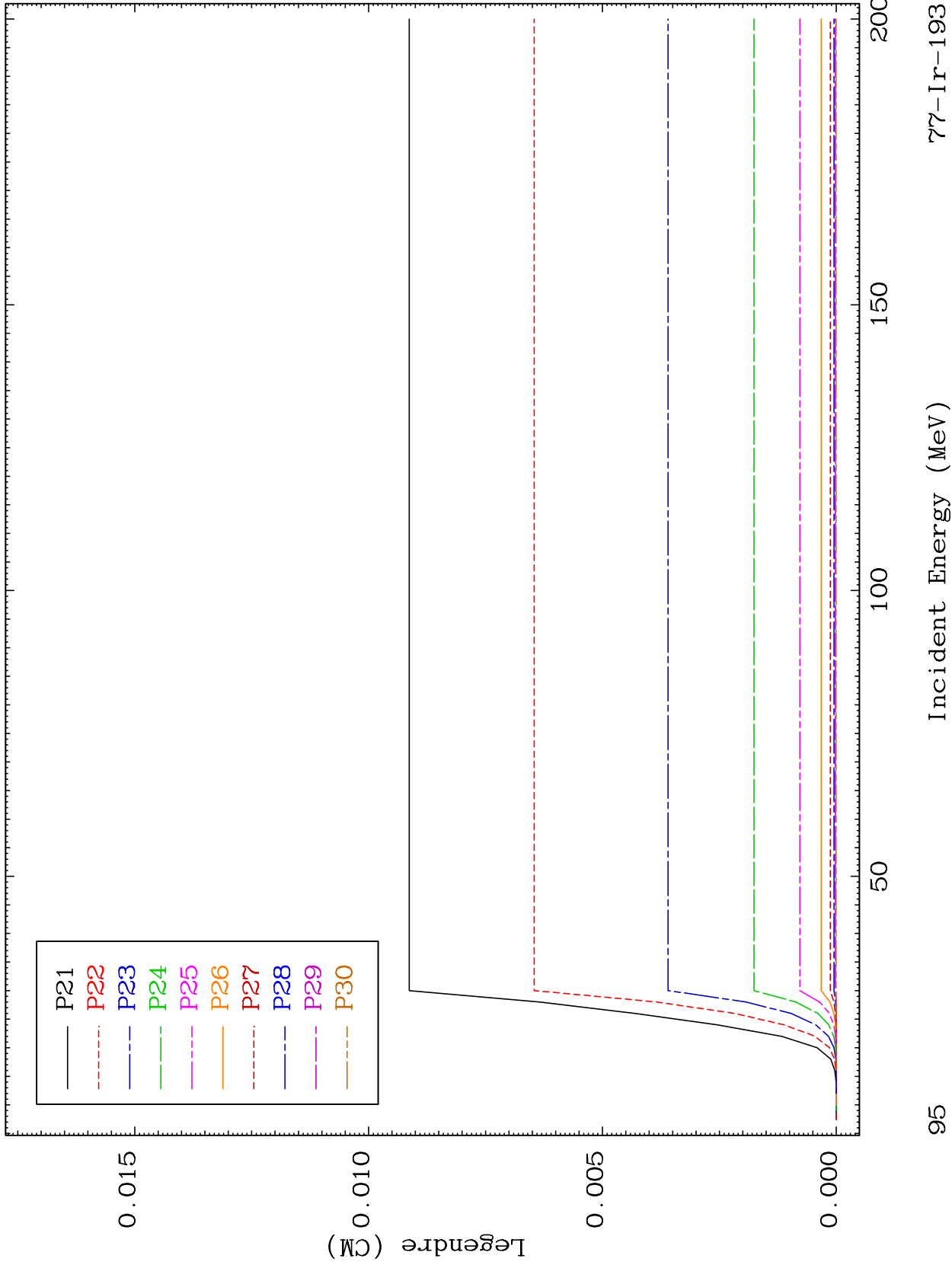




MAT 7731

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

77-Ir-193



95

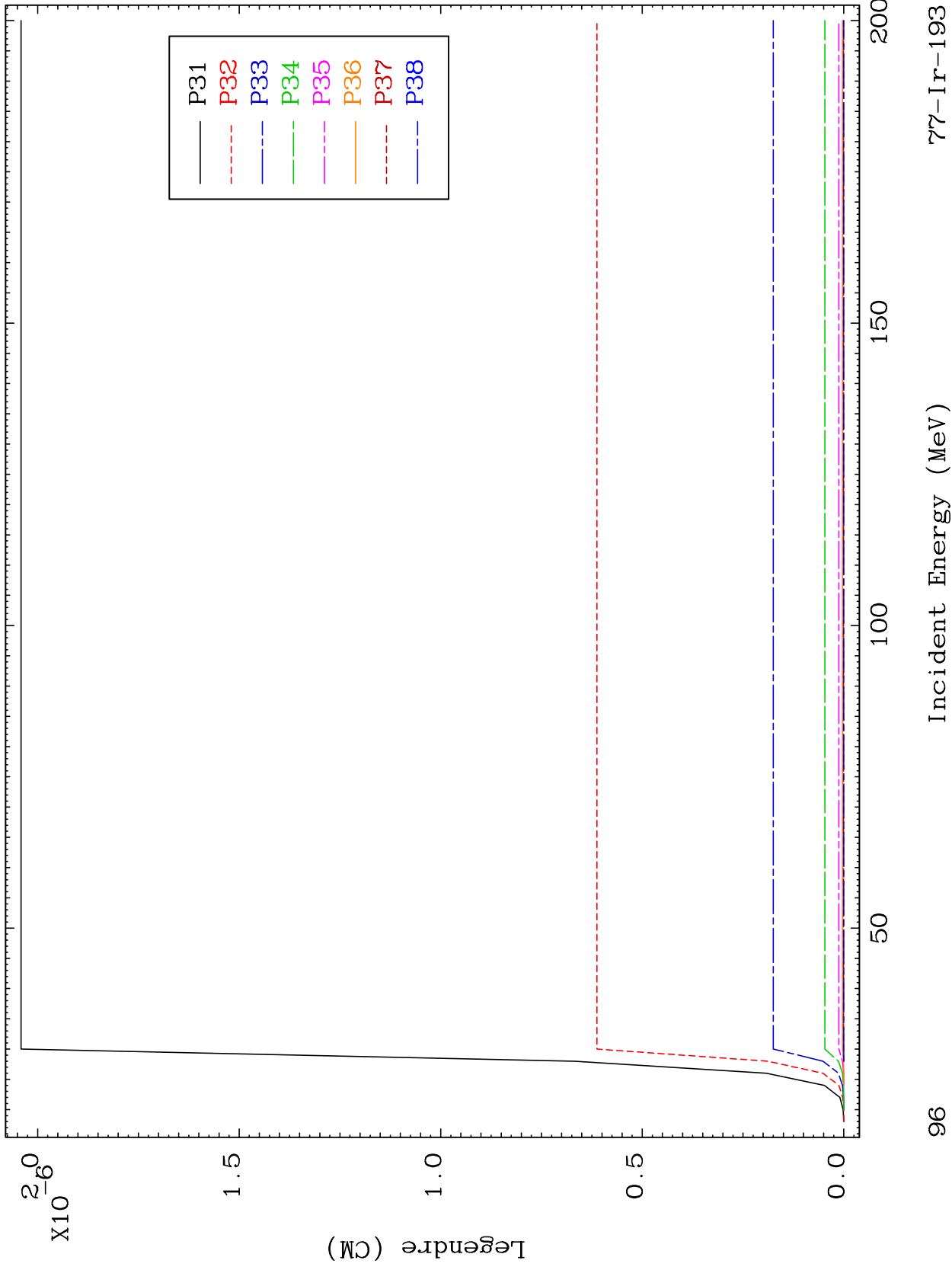
Incident Energy (MeV)

77-Ir-193

MAT 7731

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

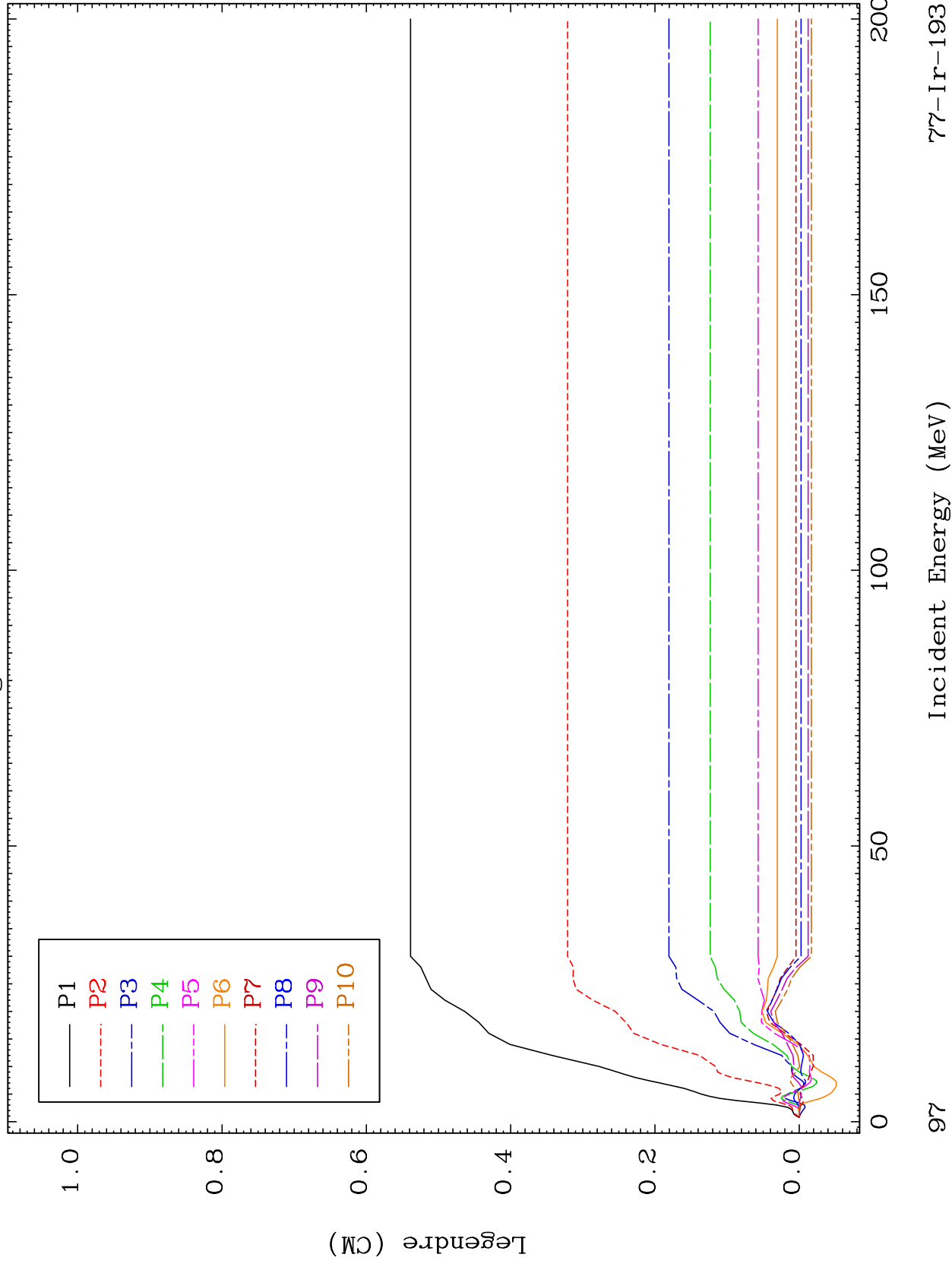
77-Ir-193



MAT 7731

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

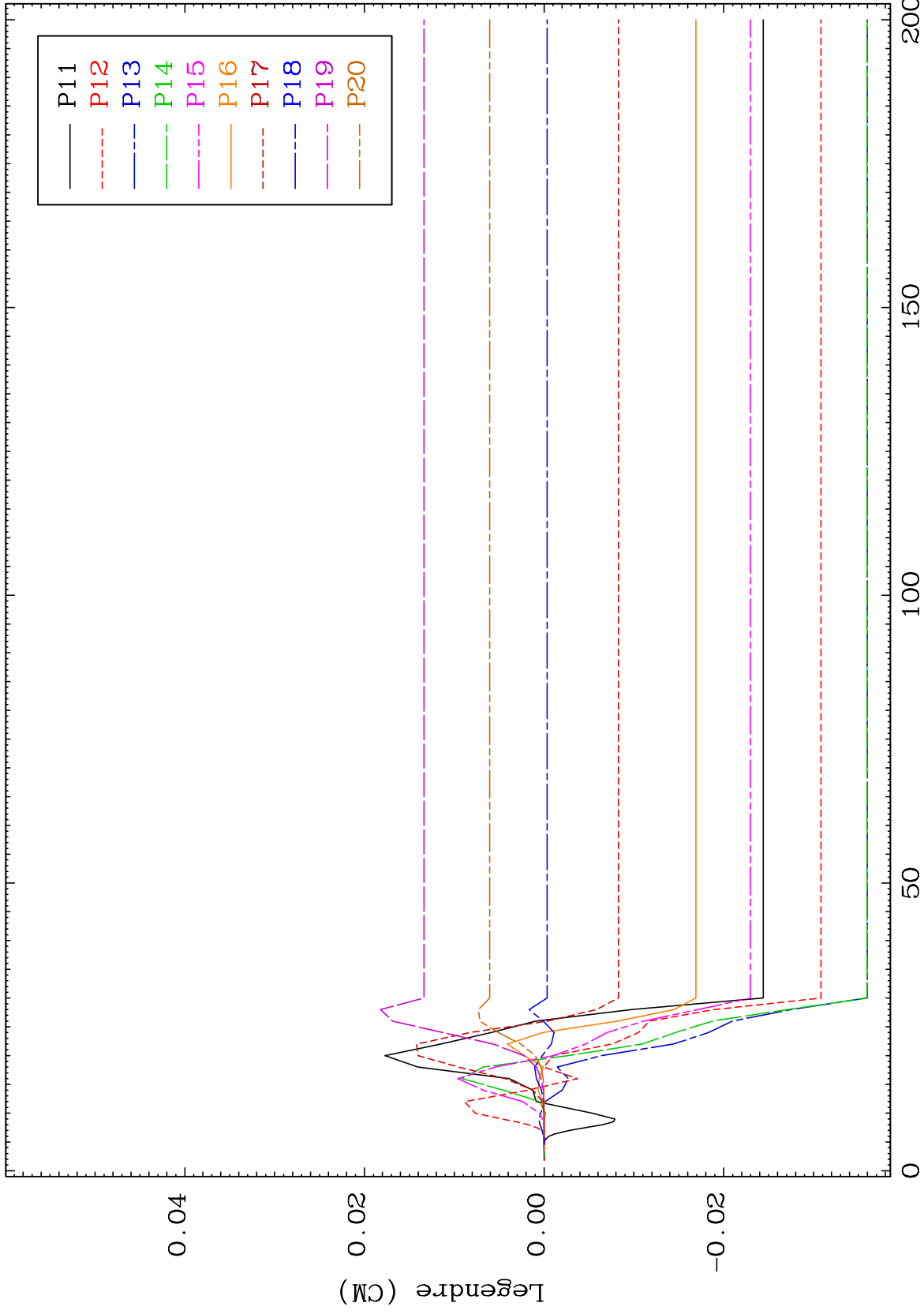
77-Ir-193



MAT 7731

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

77-Ir-193



98

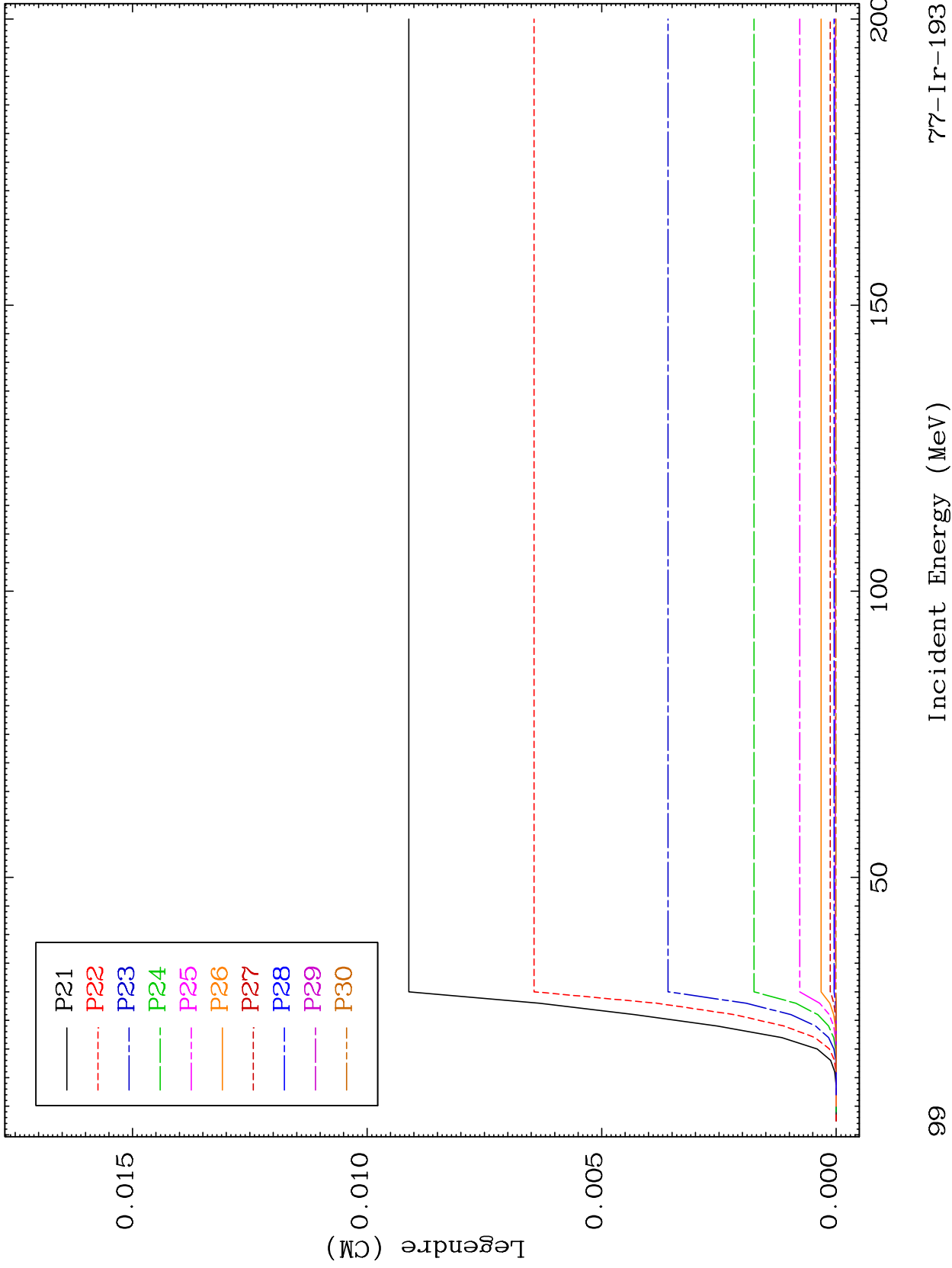
Incident Energy (MeV)

77-Ir-193

MAT 7731

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

77-Ir-193



99

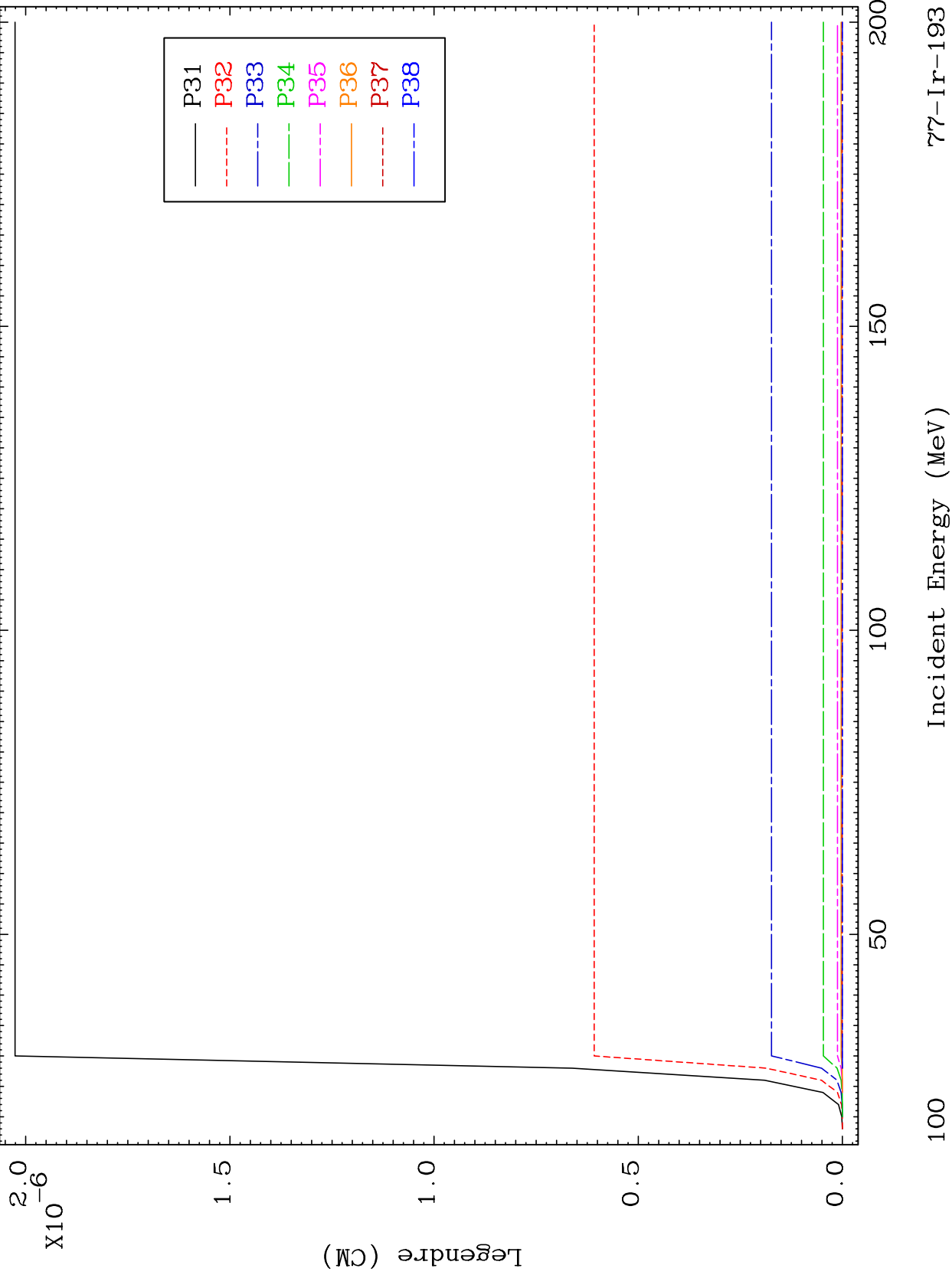
Incident Energy (MeV)

77-Ir-193

MAT 7731

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

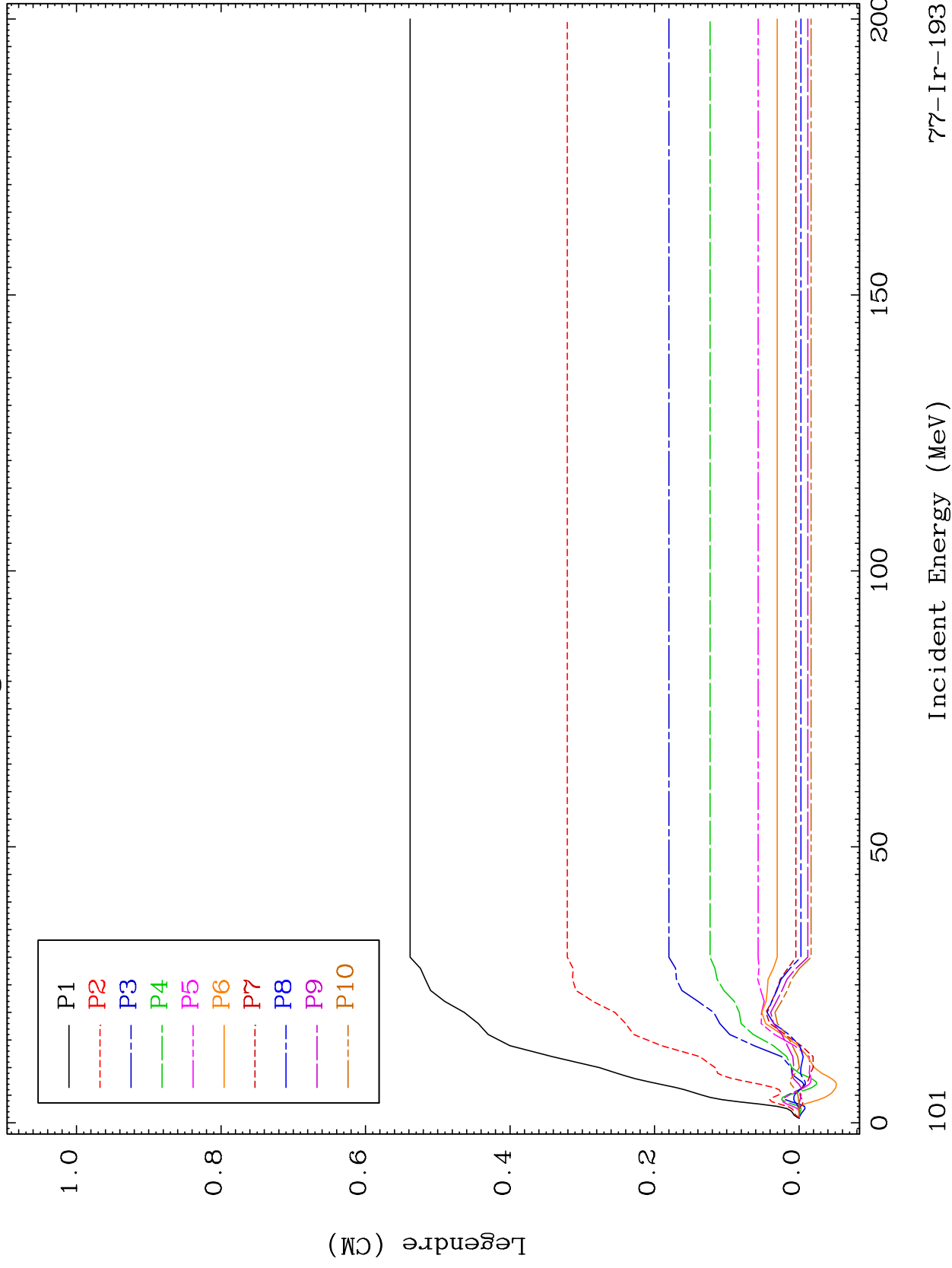
77-Ir-193

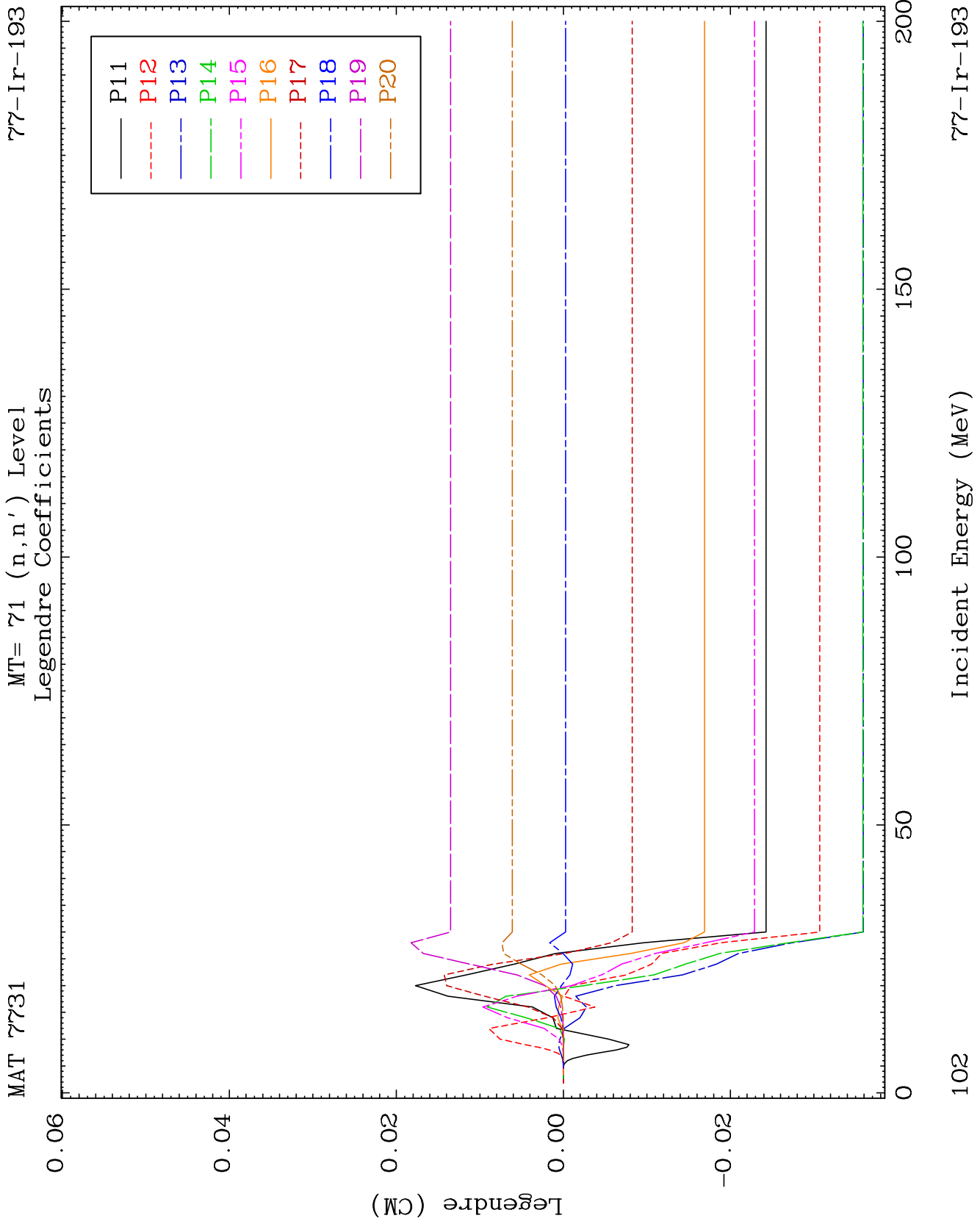


MAT 7731

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

77-Ir-193

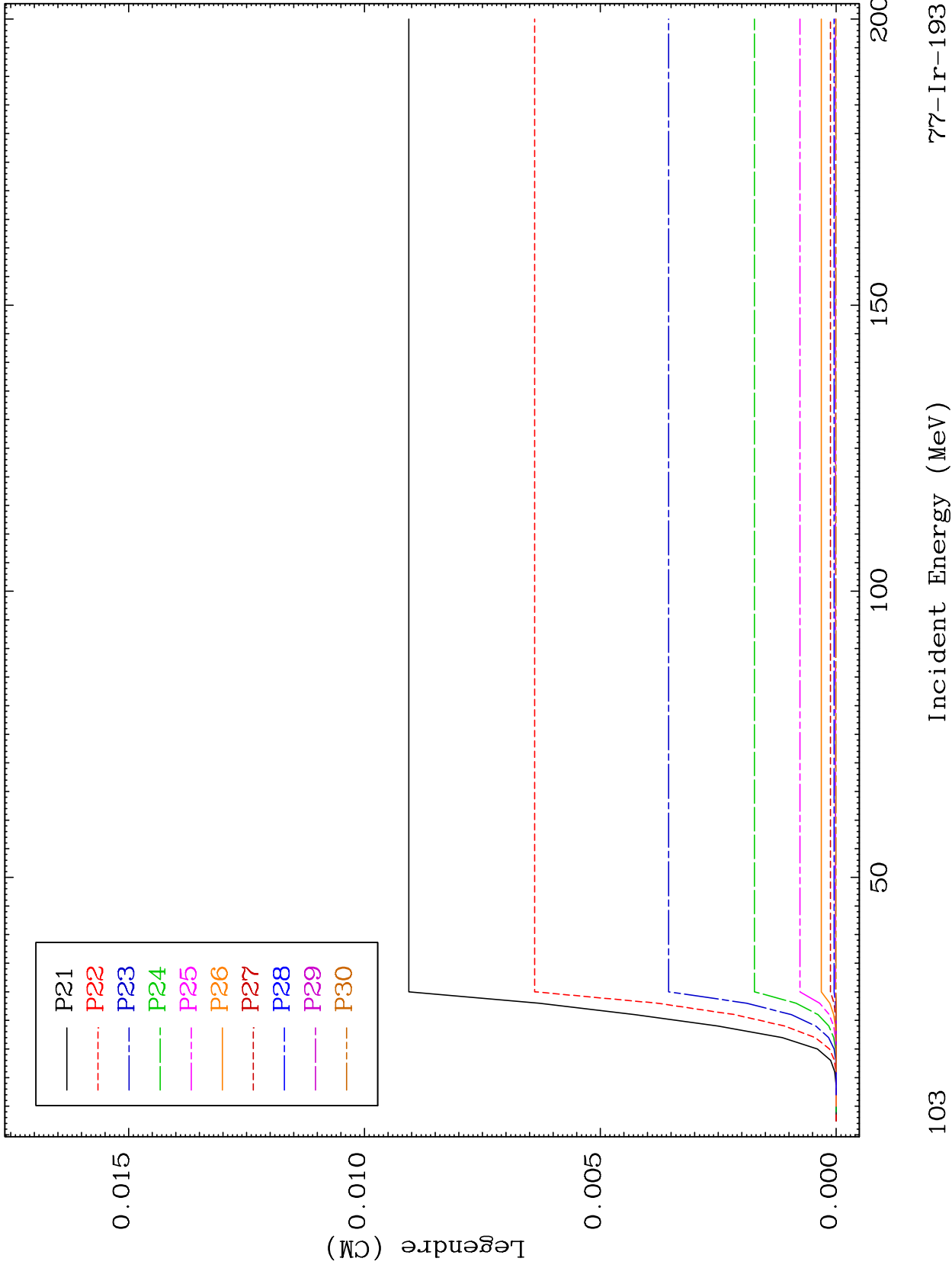




MAT 7731

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

77-Ir-193



103

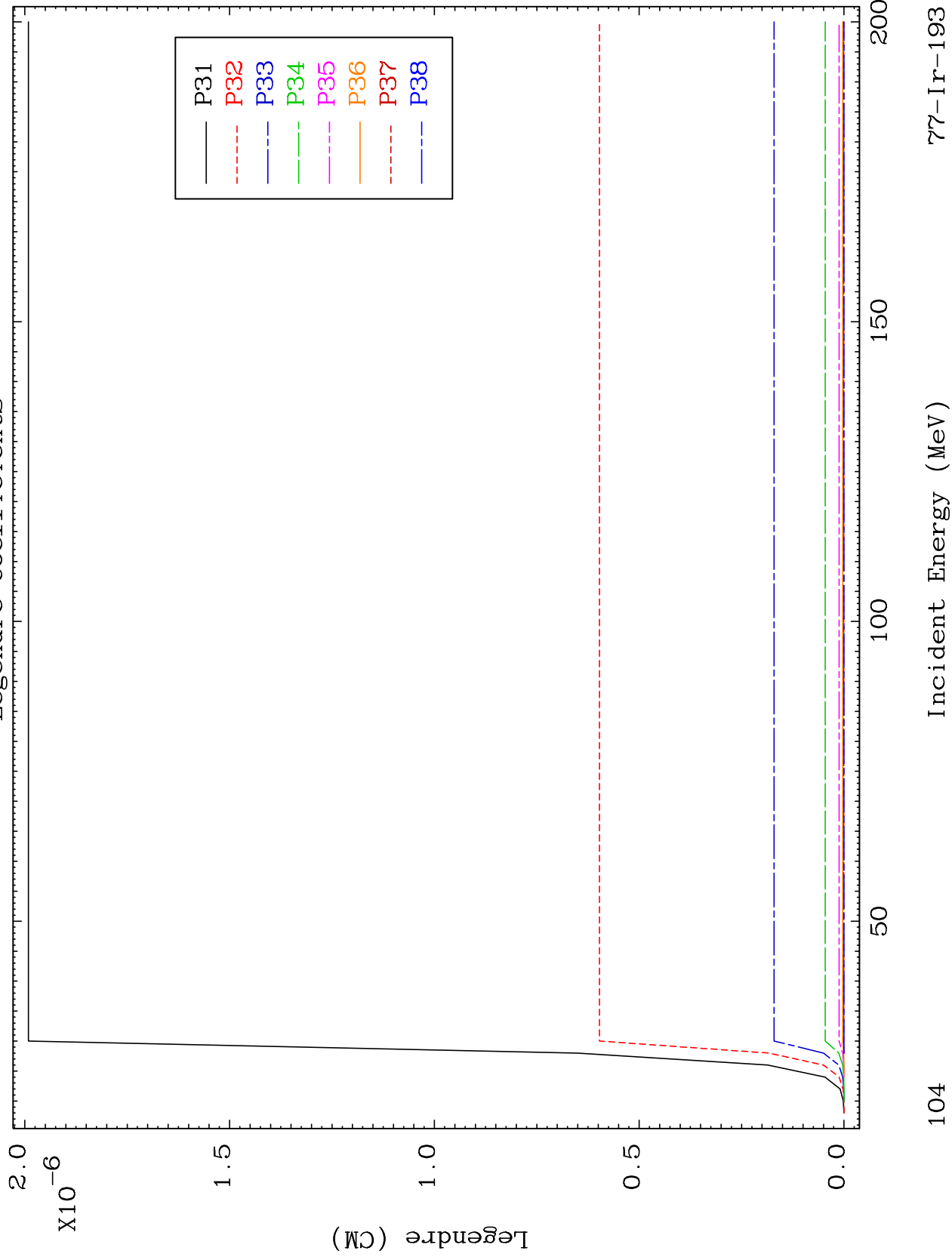
Incident Energy (MeV)

77-Ir-193

MAT 7731

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

77-Ir-193



104

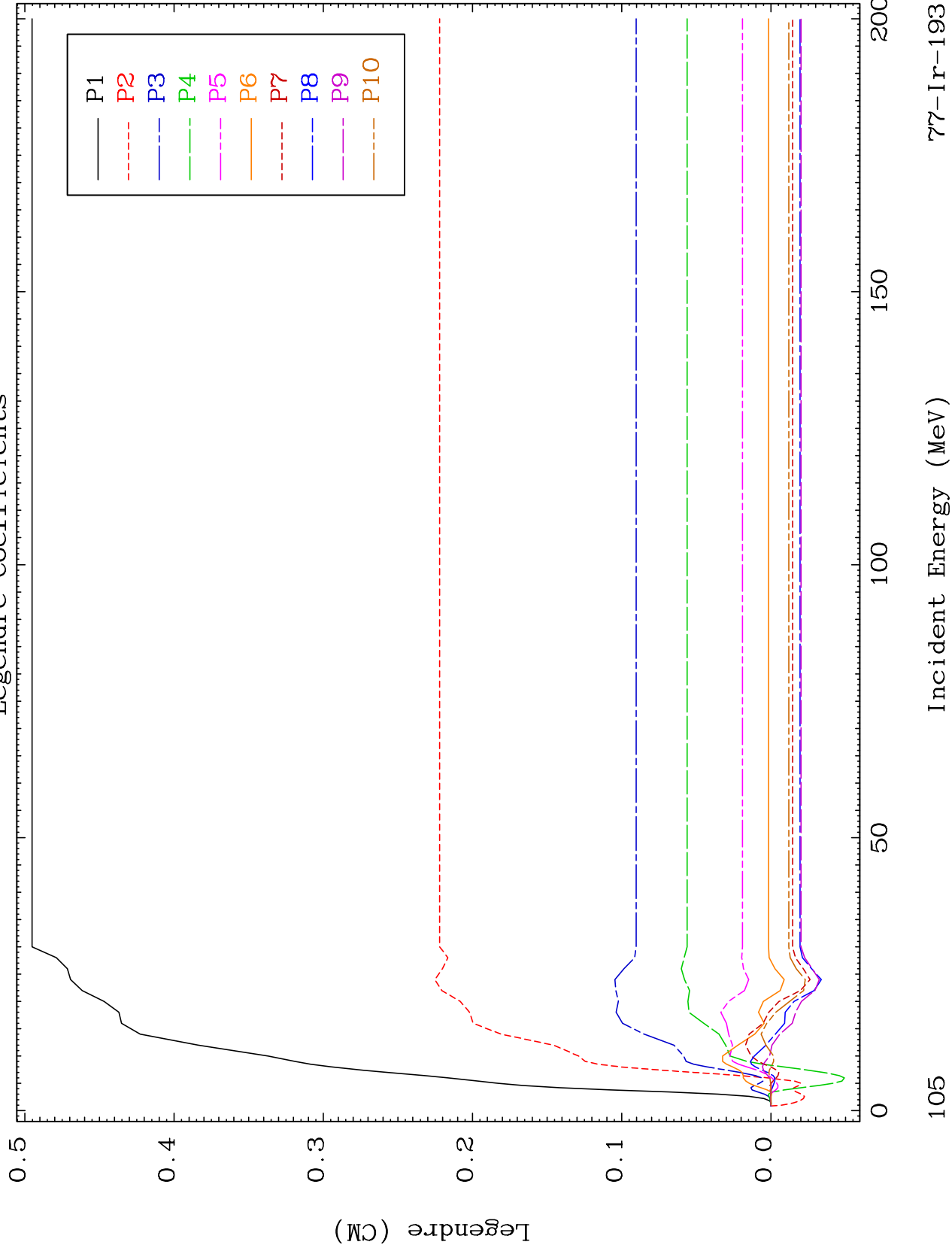
Incident Energy (MeV)

77-Ir-193

MAT 7731

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

77-Ir-193



77-Ir-193

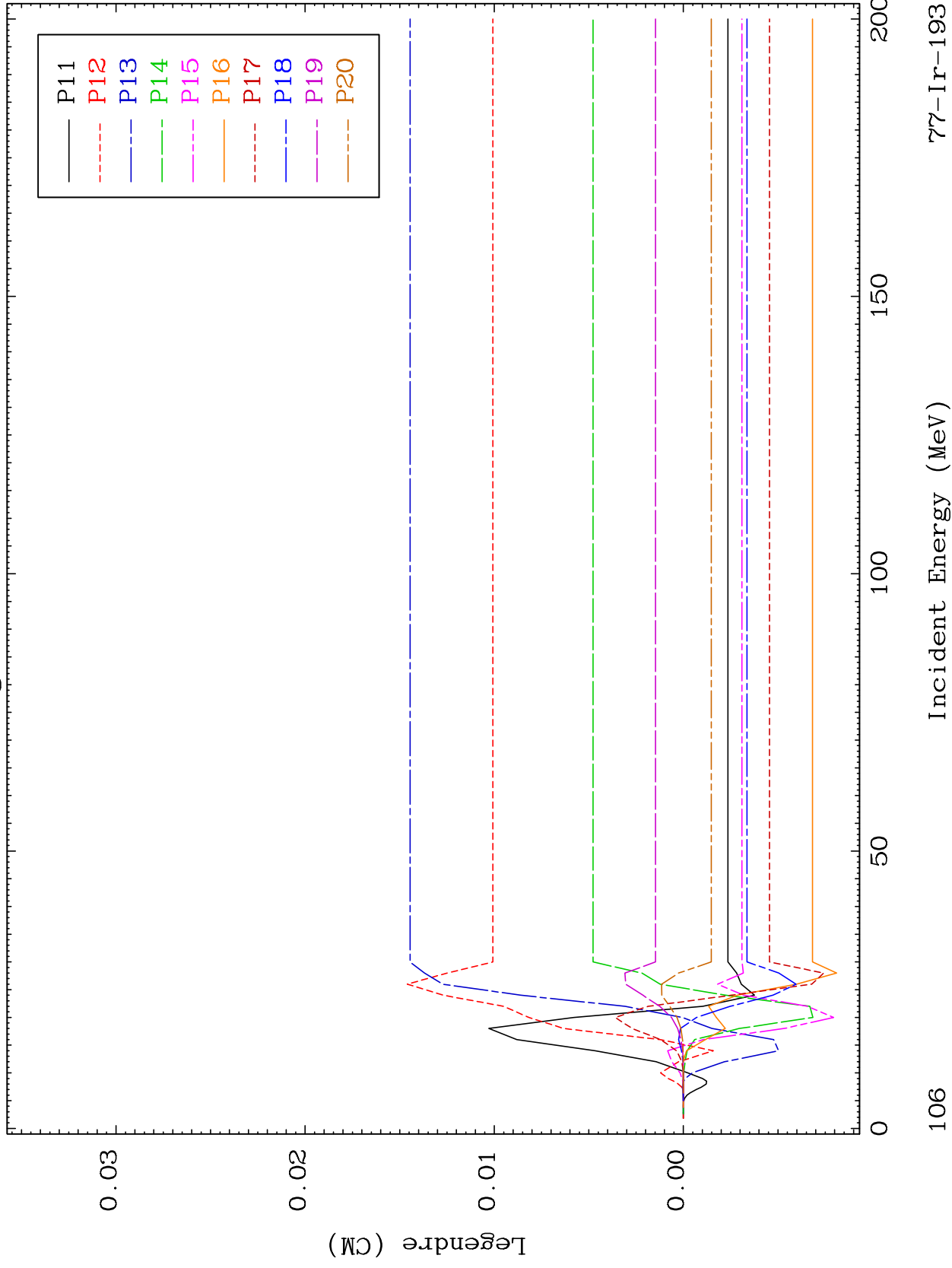
Incident Energy (MeV)

105

MAT 7731

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

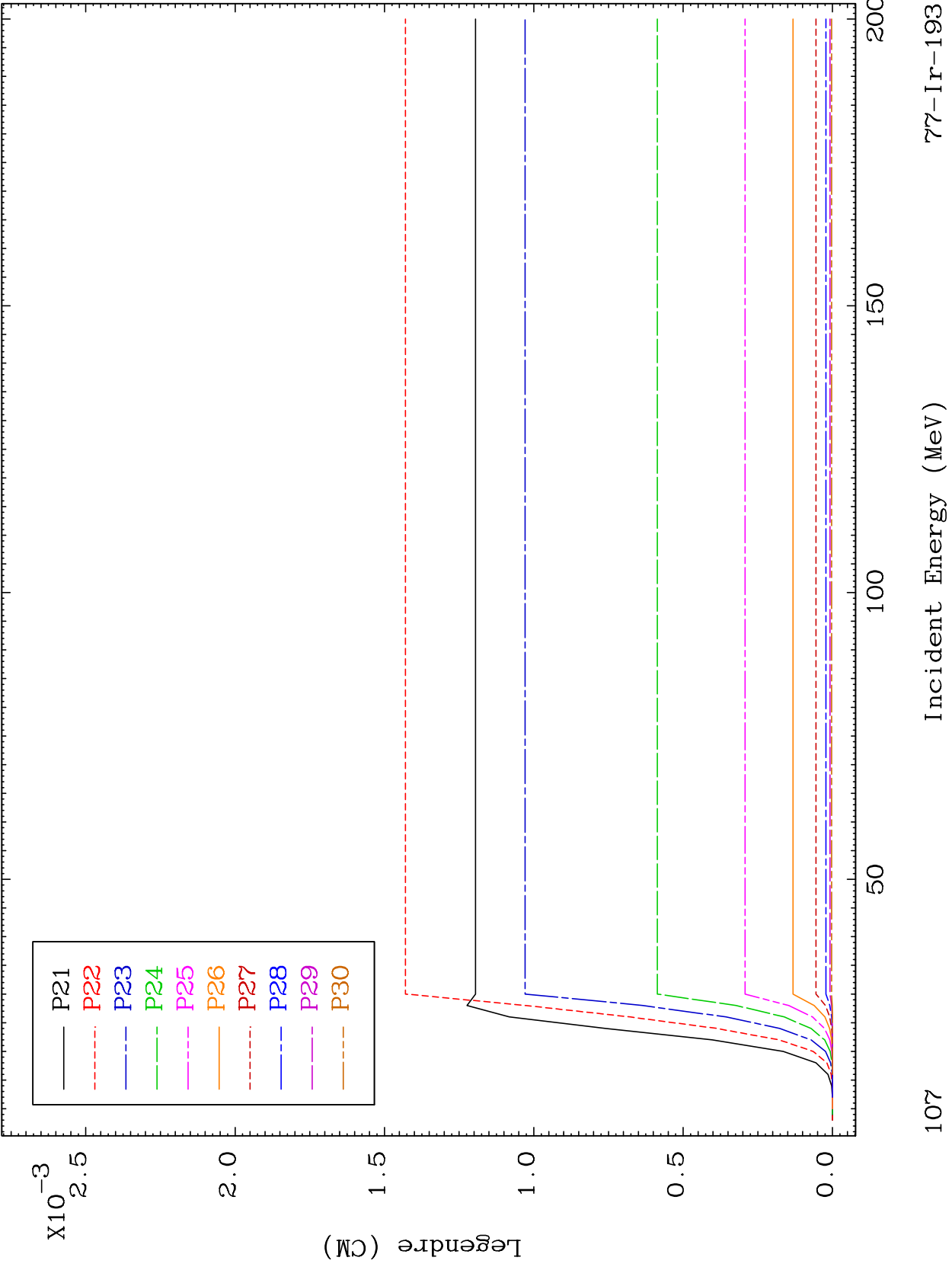
77-Ir-193



77-Ir-193

Incident Energy (MeV)

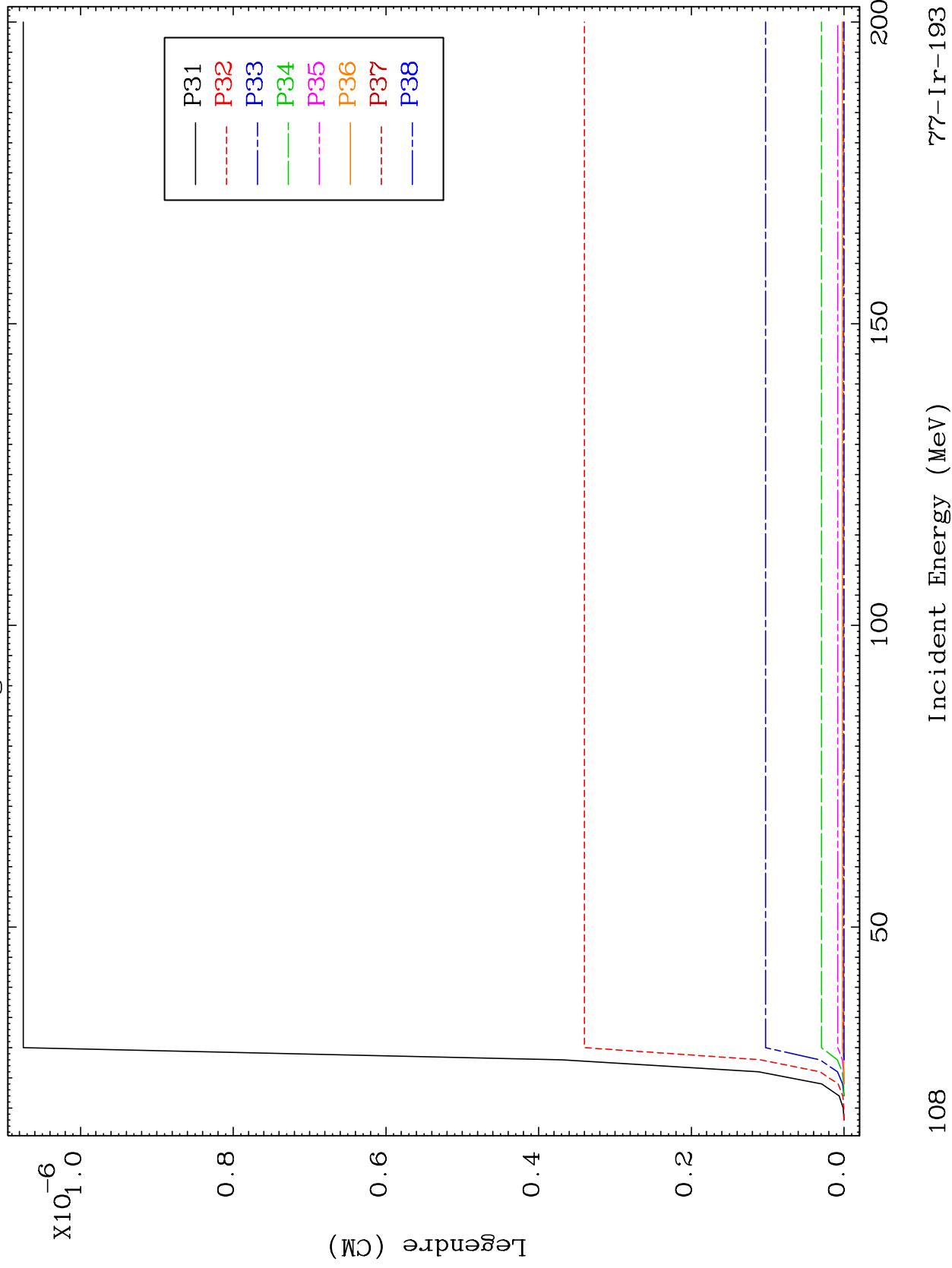
106



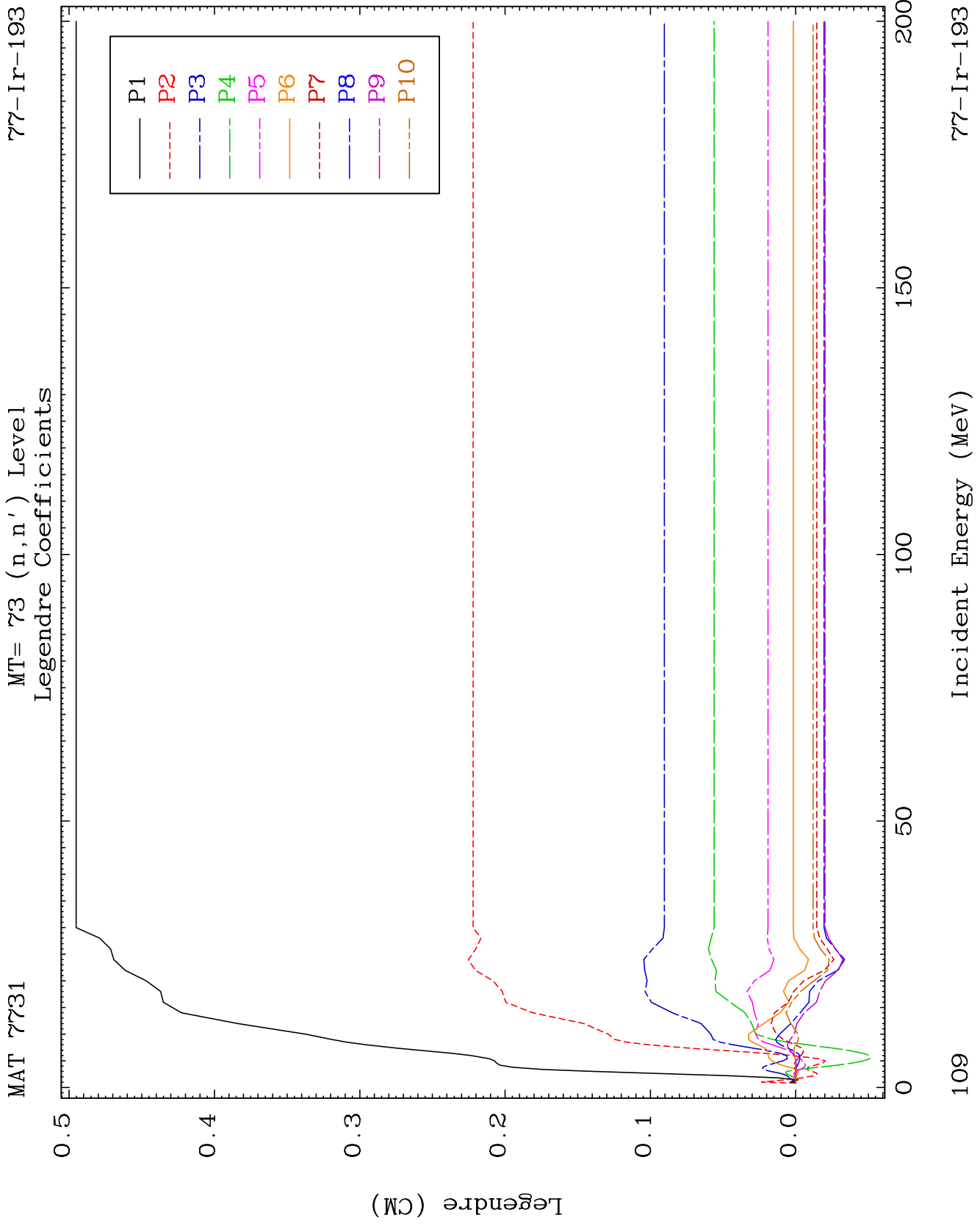
MAT 7731

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

77-Ir-193



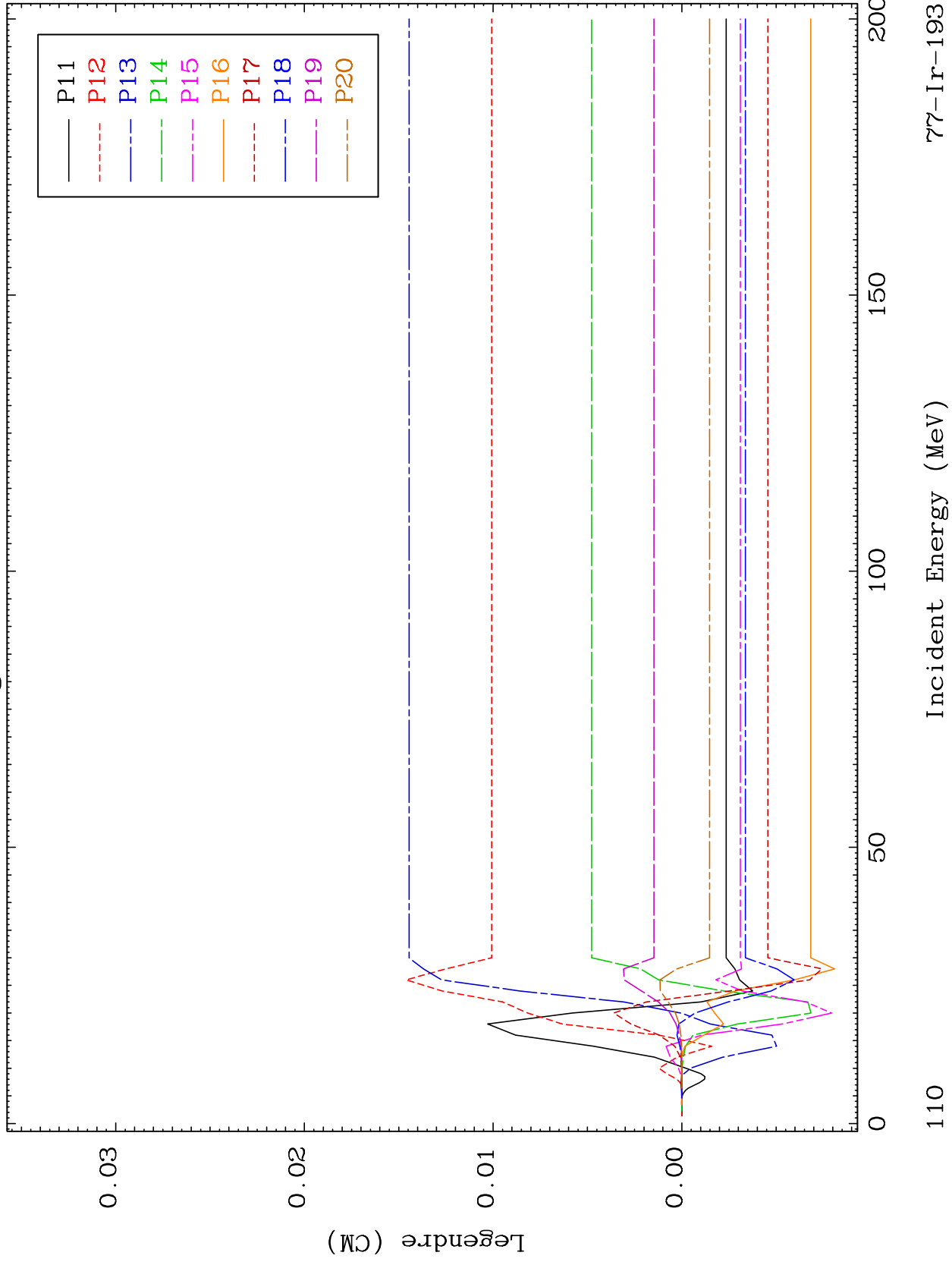
108

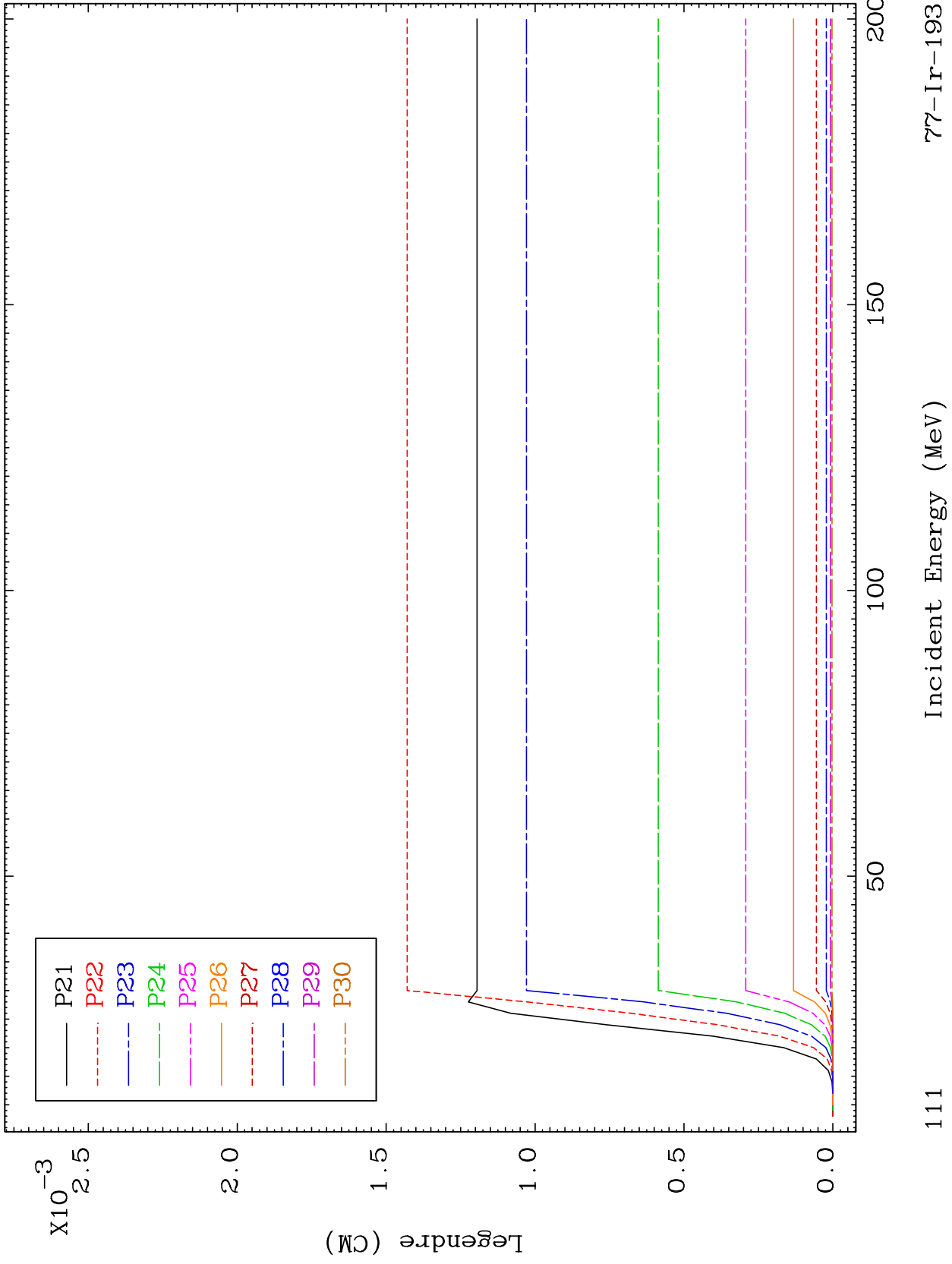


MAT 7731

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

77-Ir-193

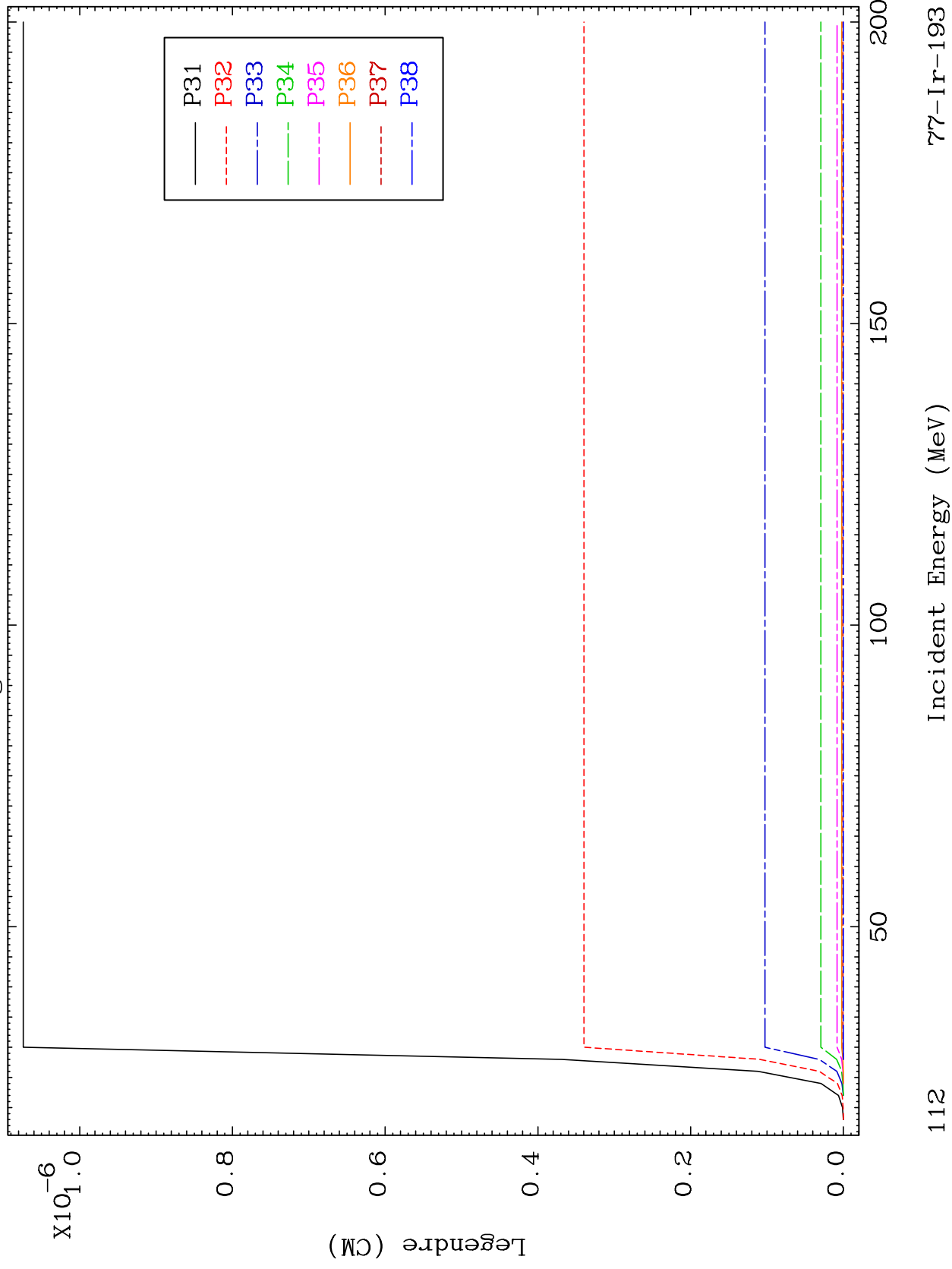




MAT 7731

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

77-Ir-193

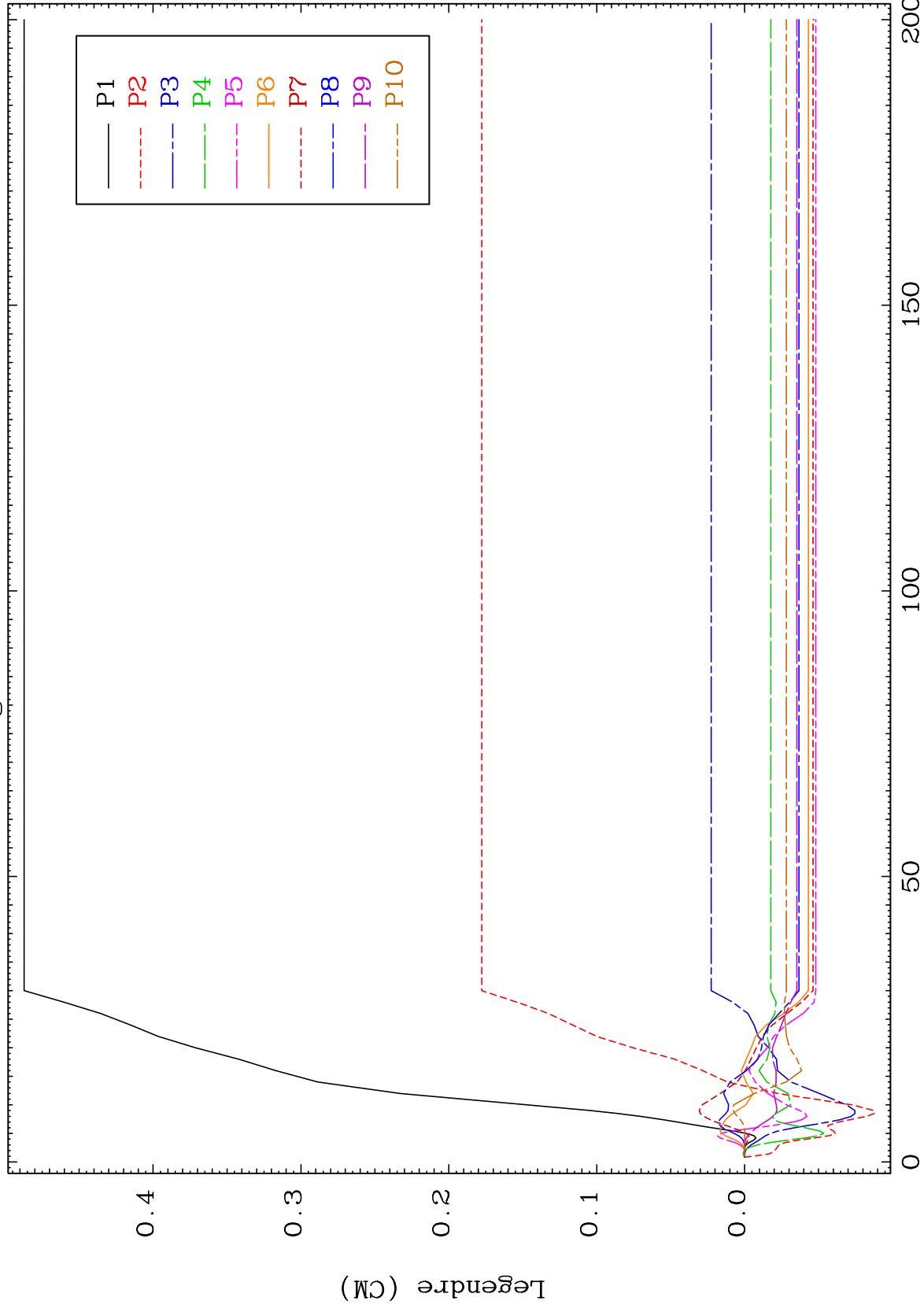


112

MAT 7731

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

77-Ir-193



113

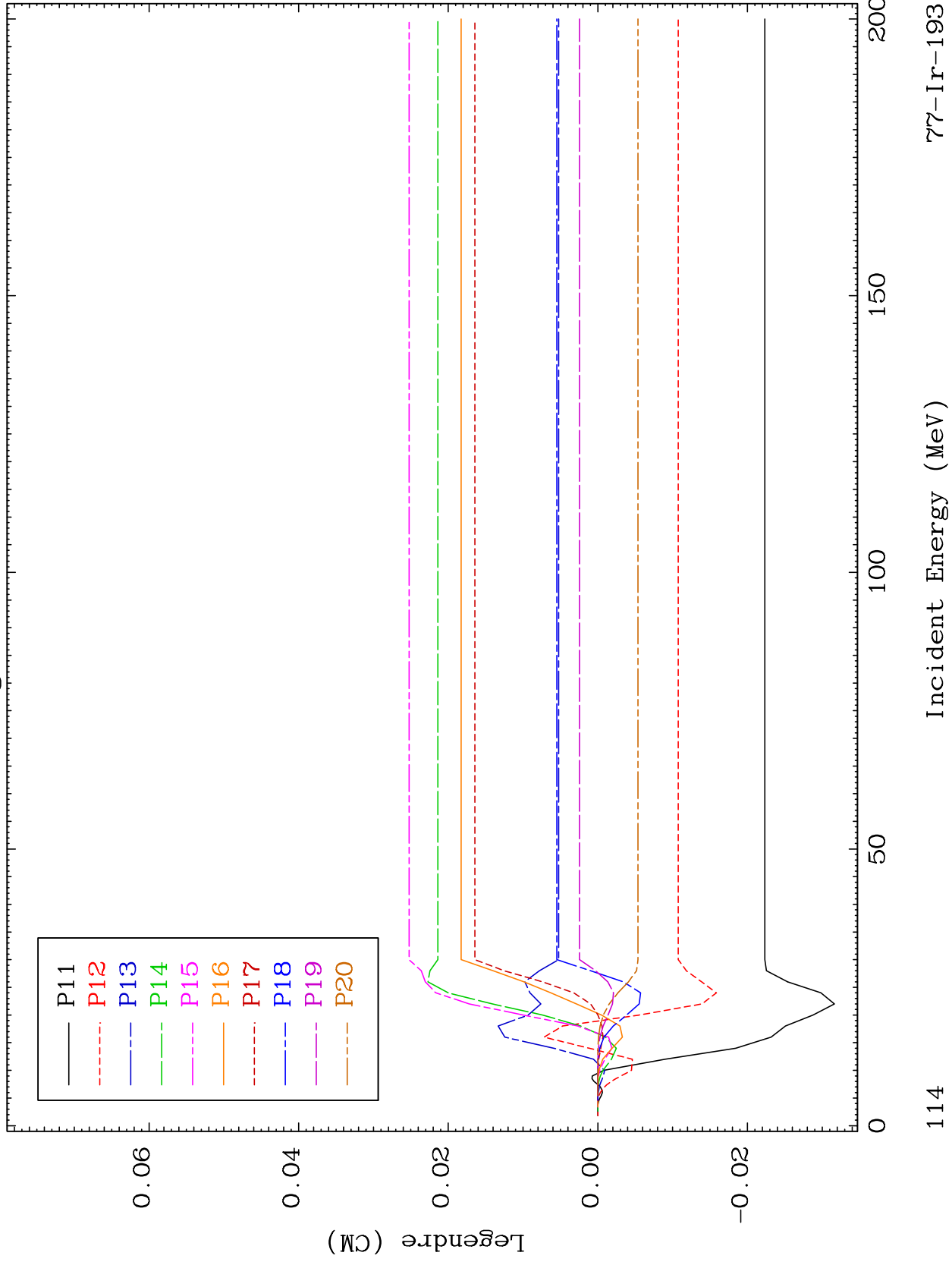
Incident Energy (MeV)

77-Ir-193

MAT 7731

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

77-Ir-193



114

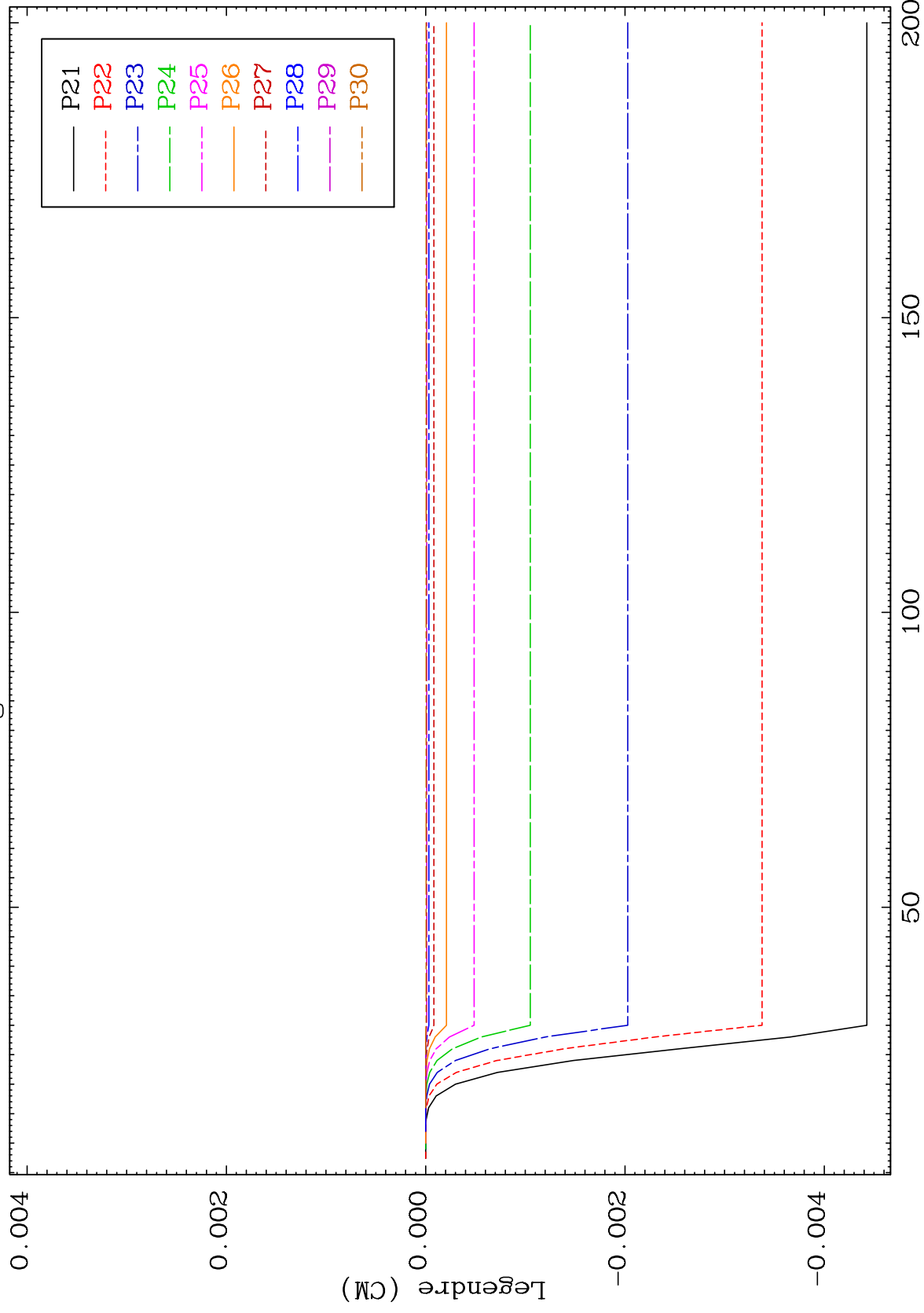
Incident Energy (MeV)

77-Ir-193

MAT 7731

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

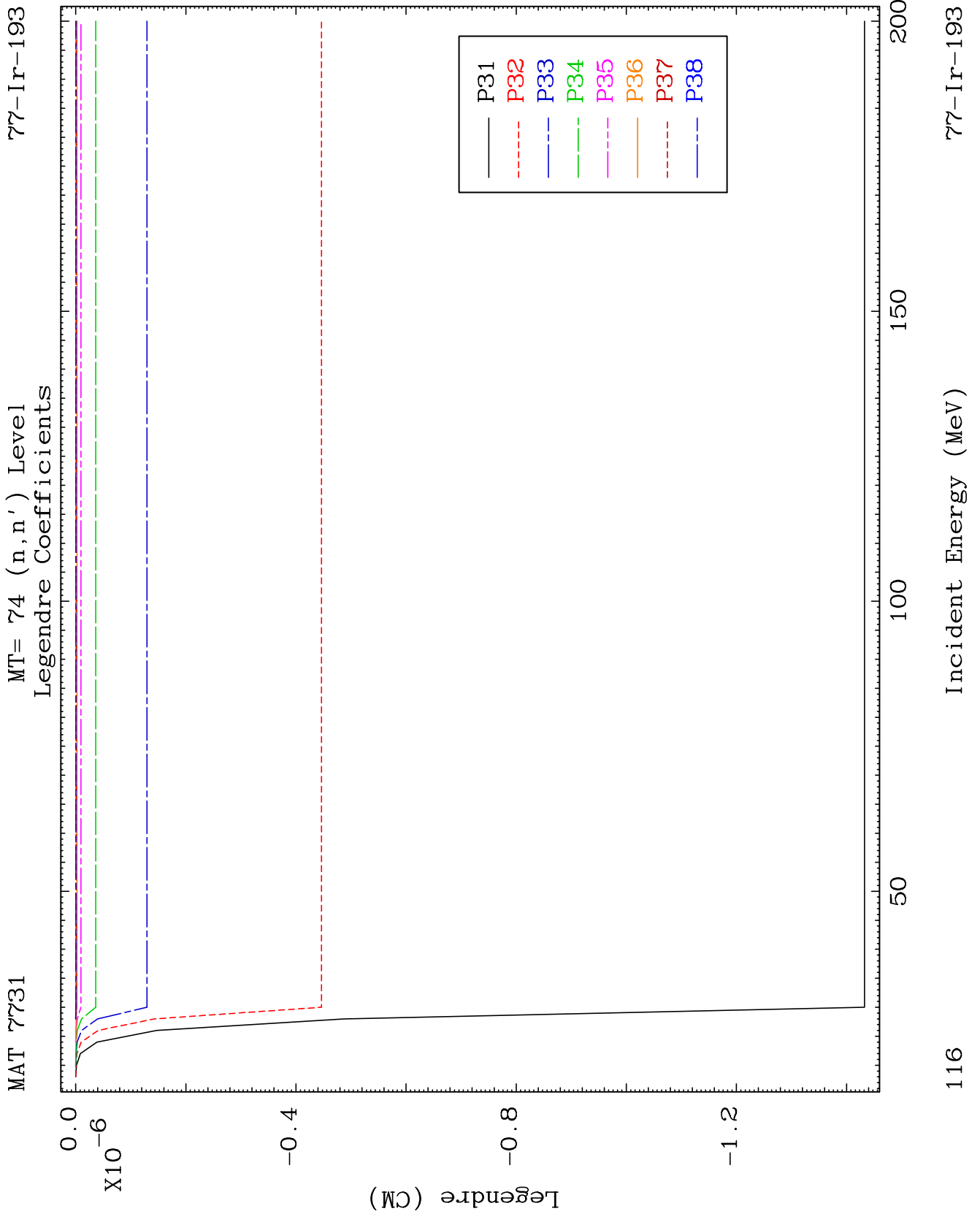
77-Ir-193

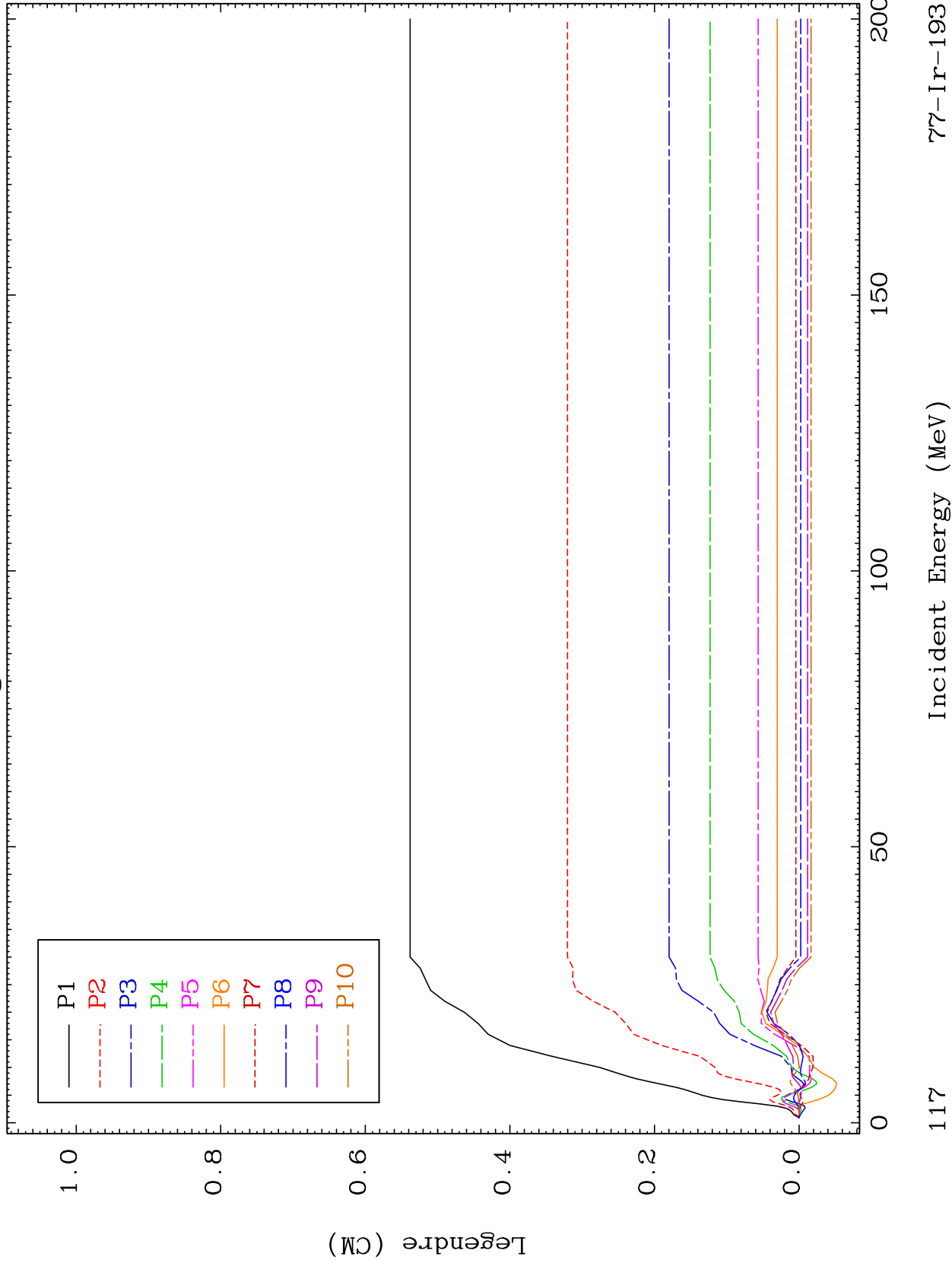


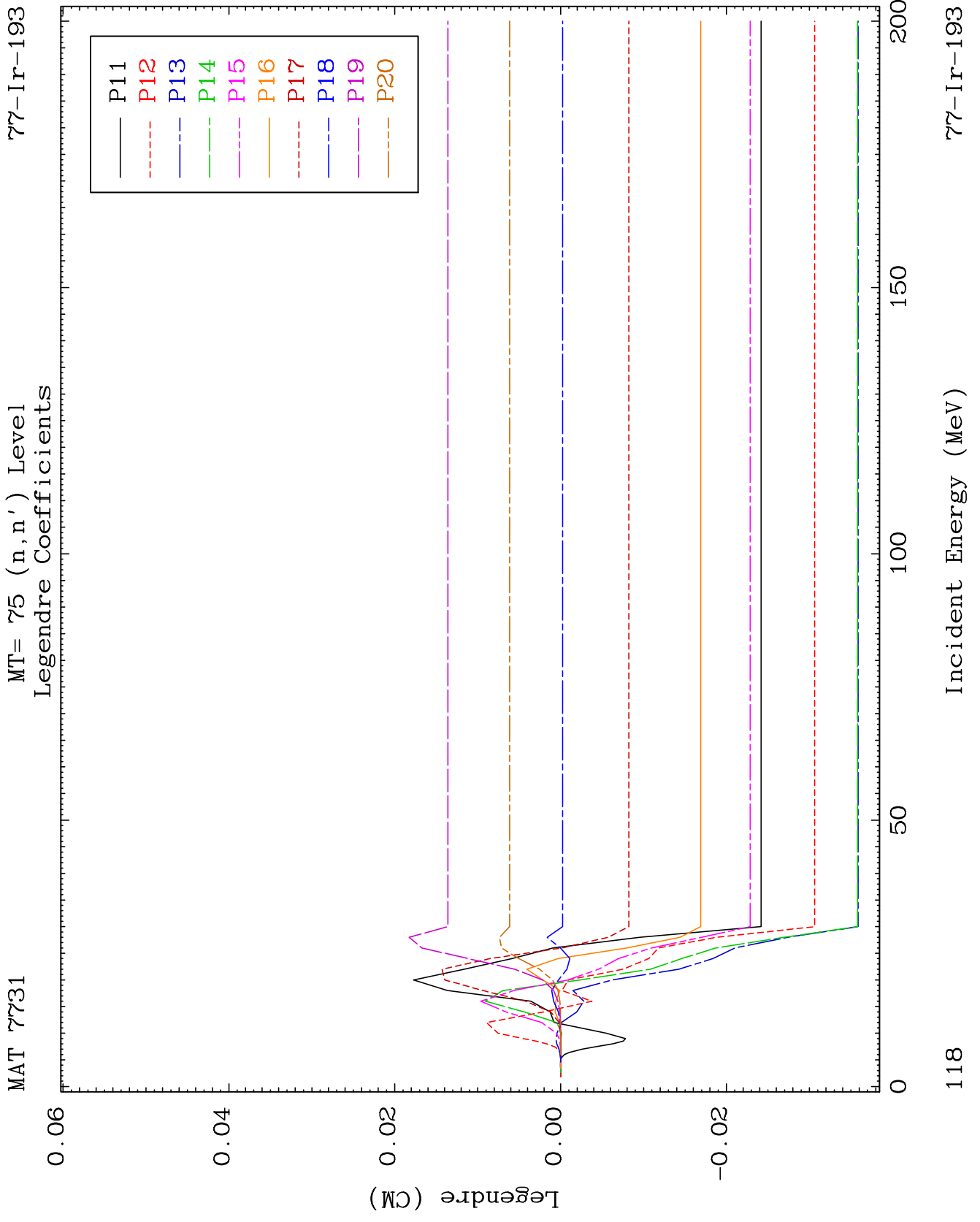
115

Incident Energy (MeV)

77-Ir-193



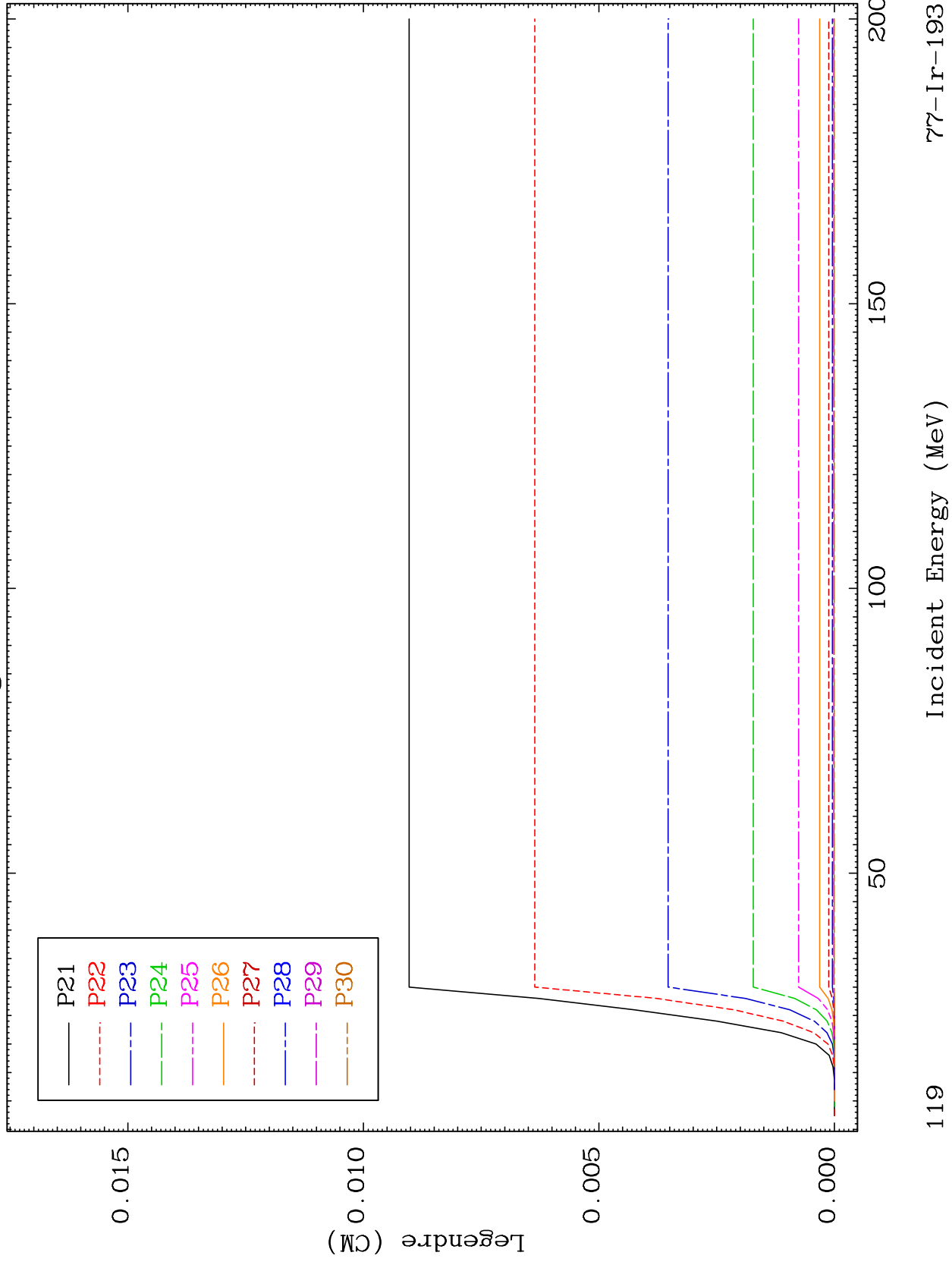




MAT 7731

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

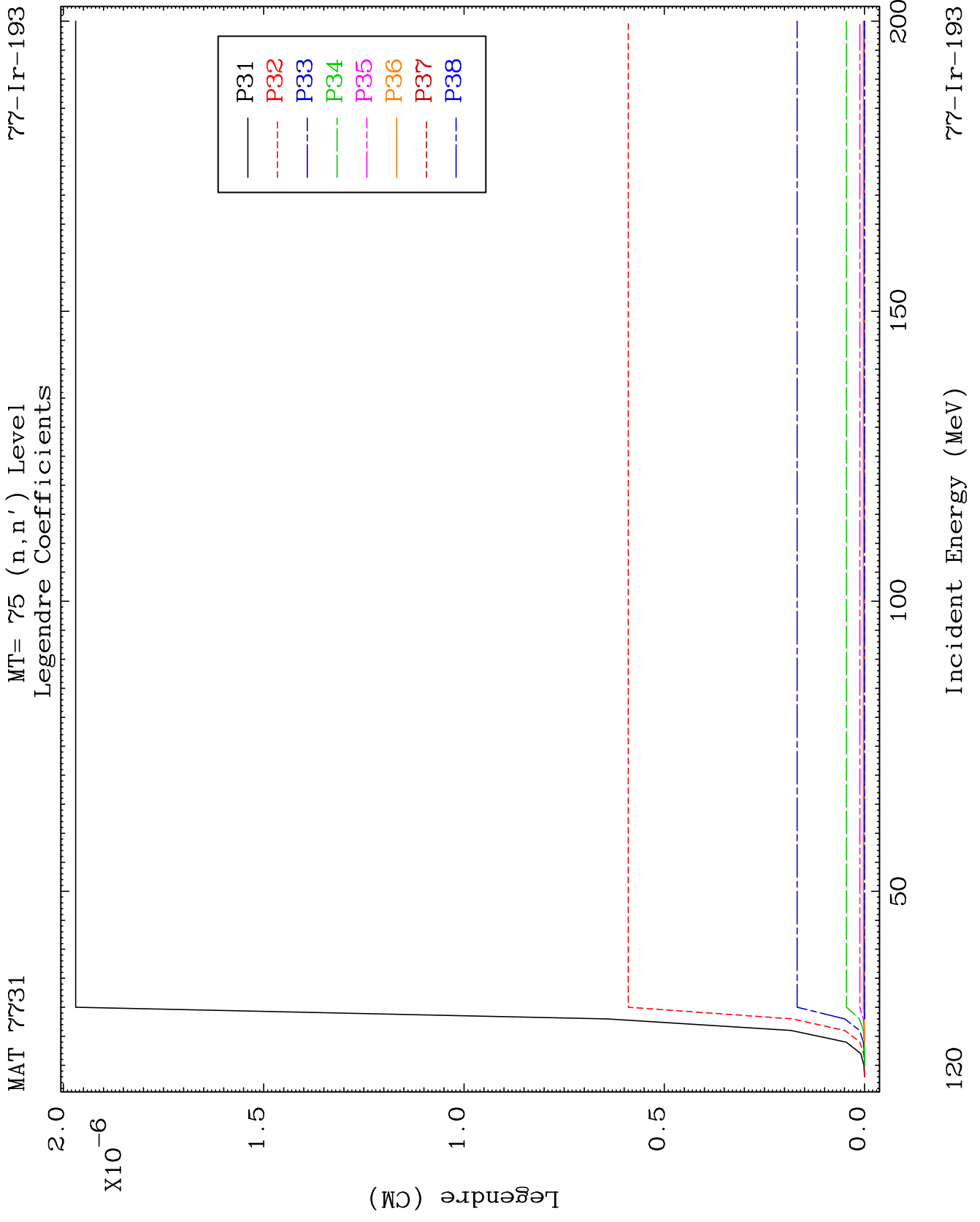
77-Ir-193



119

Incident Energy (MeV)

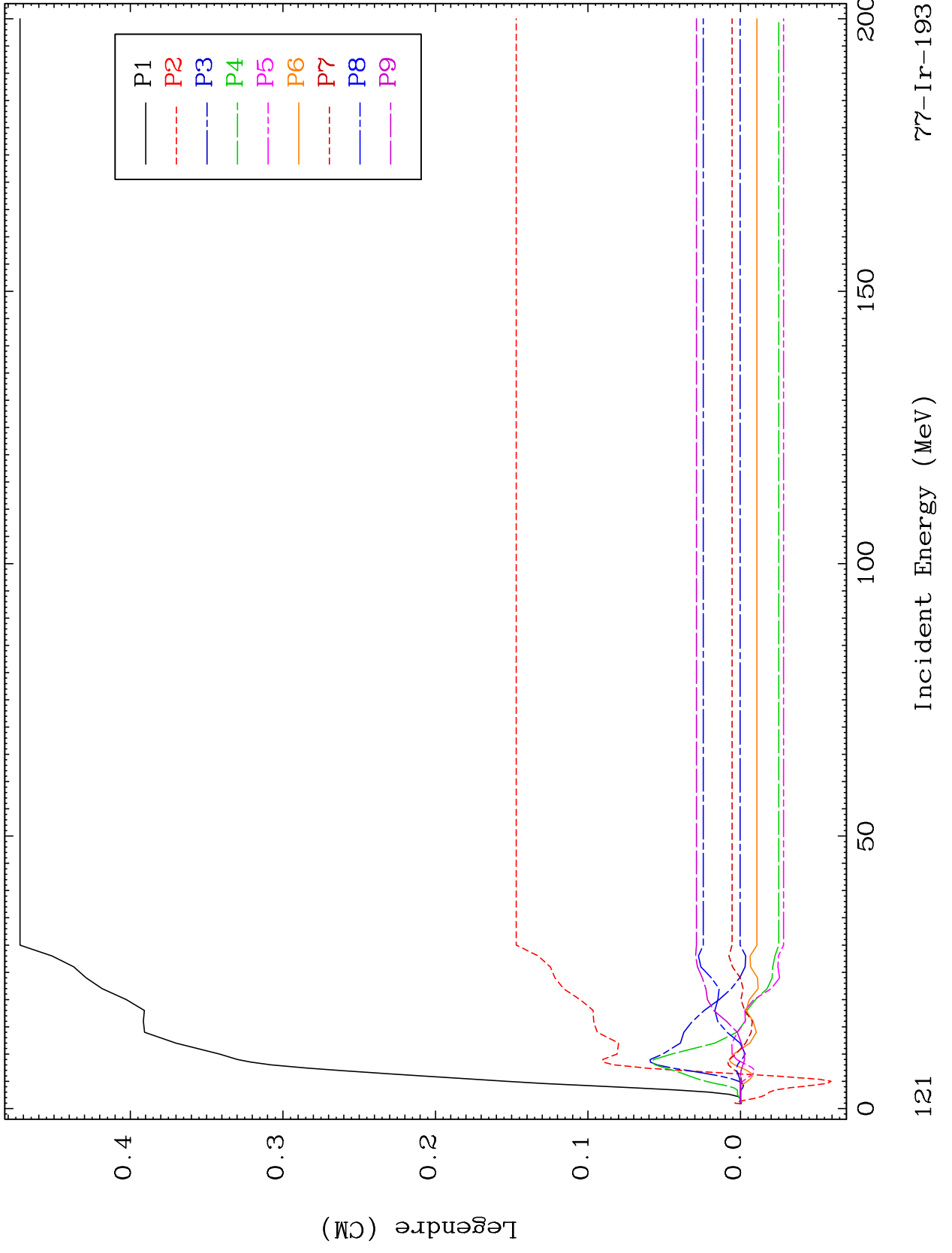
77-Ir-193



MAT 7731

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

77-Ir-193



77-Ir-193

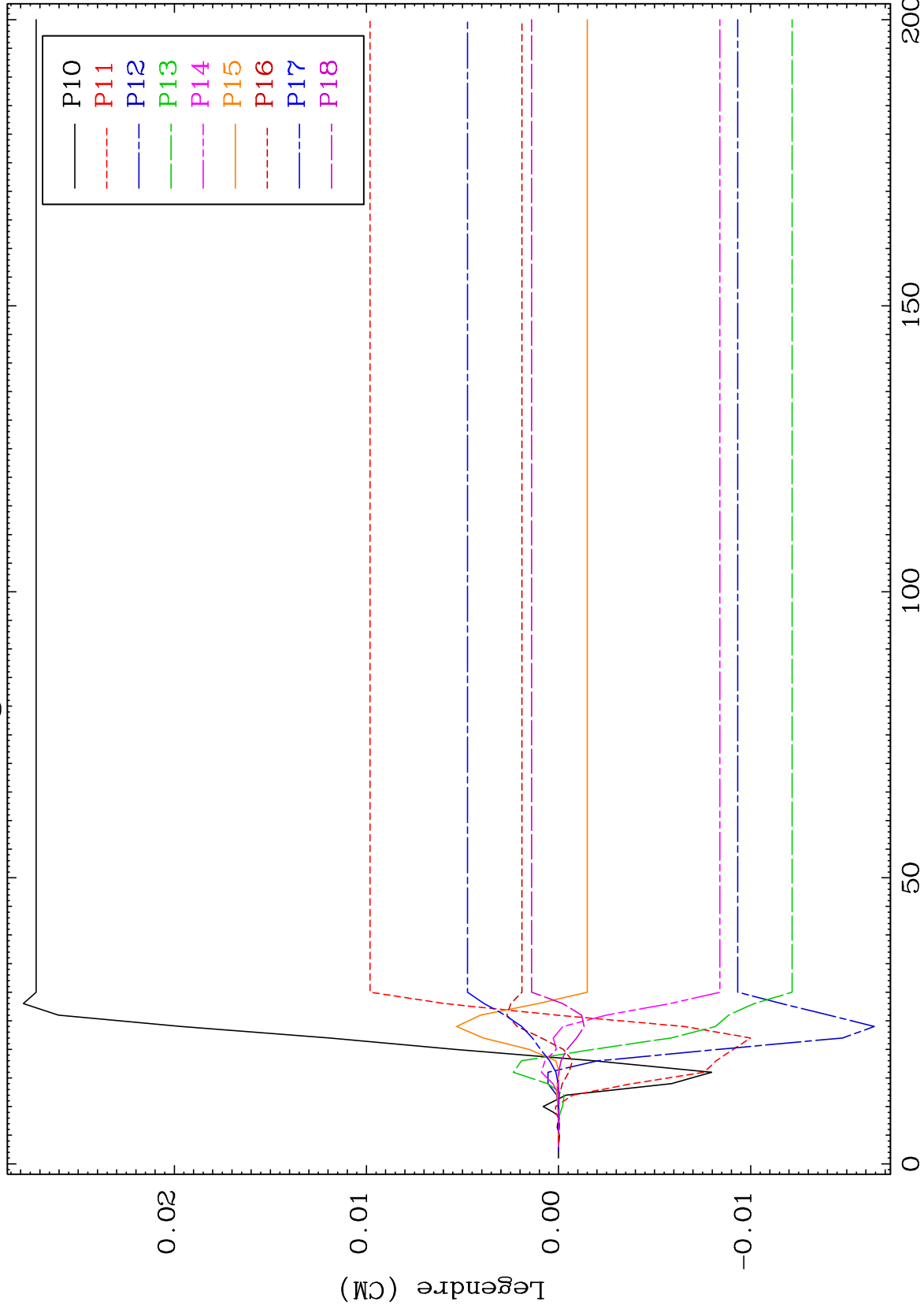
Incident Energy (MeV)

121

MAT 7731

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

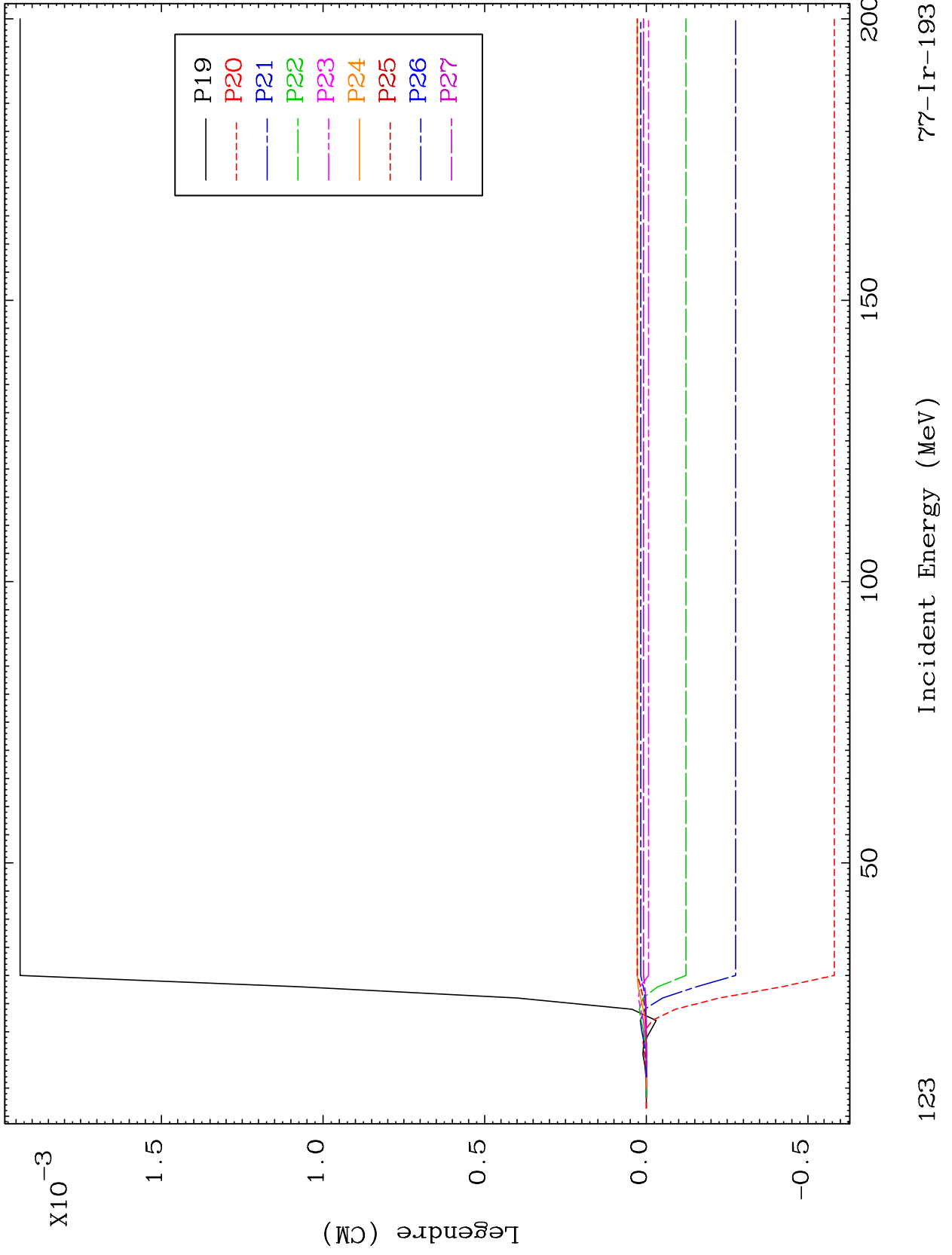
77-Ir-193



122

Incident Energy (MeV)

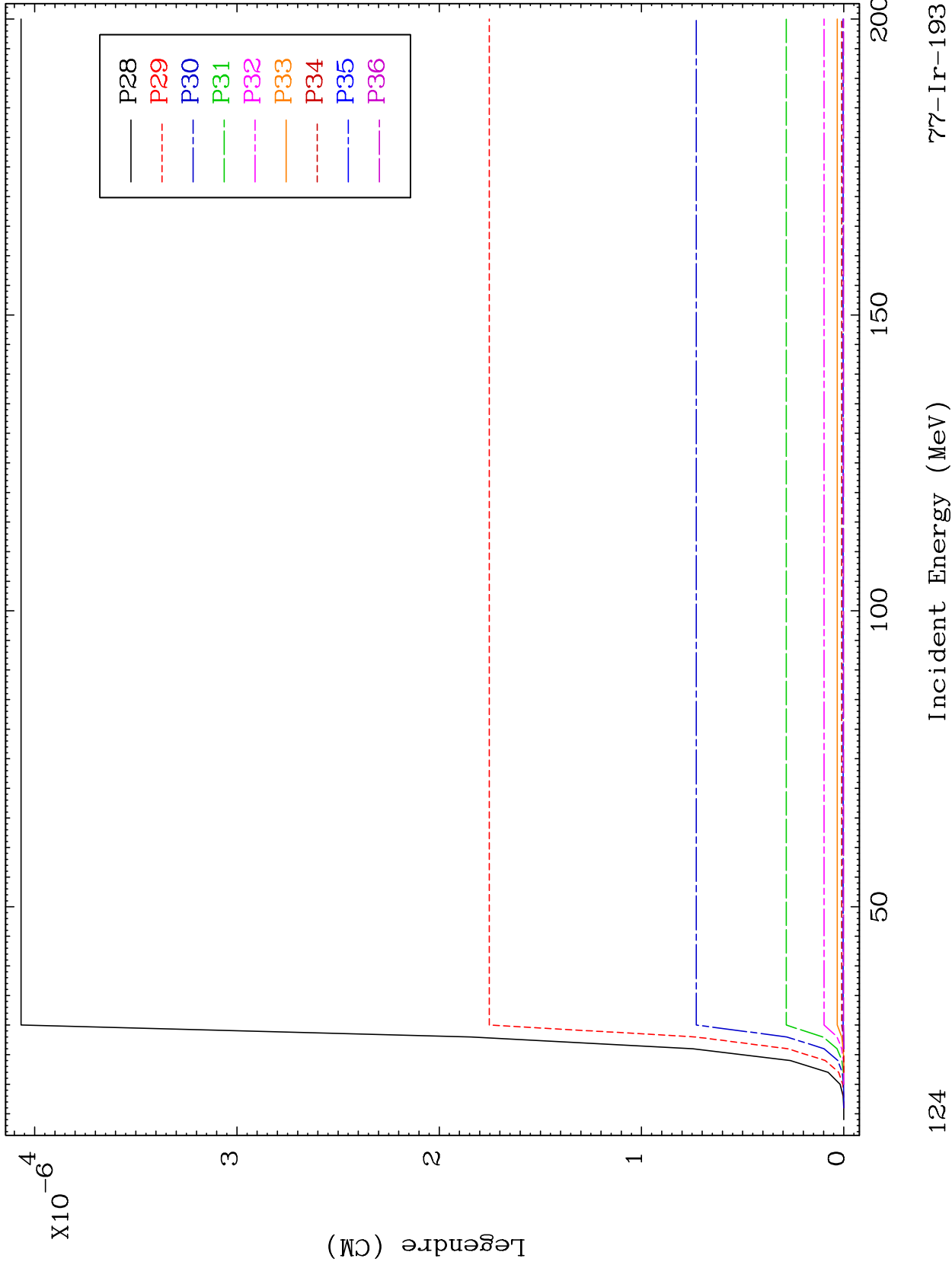
77-Ir-193



MAT 7731

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

77-Ir-193

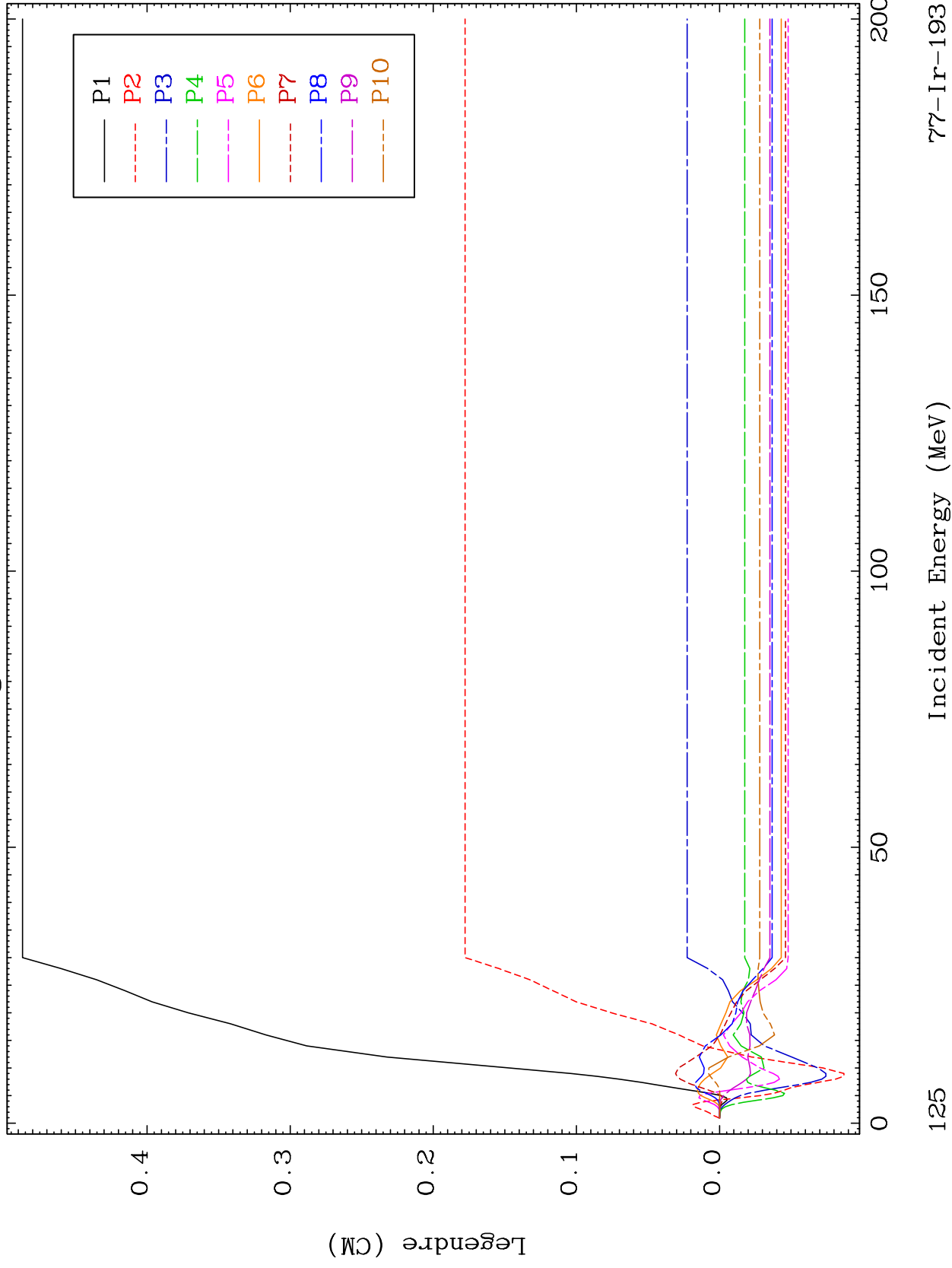


124

MAT 7731

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

77-Ir-193



77-Ir-193

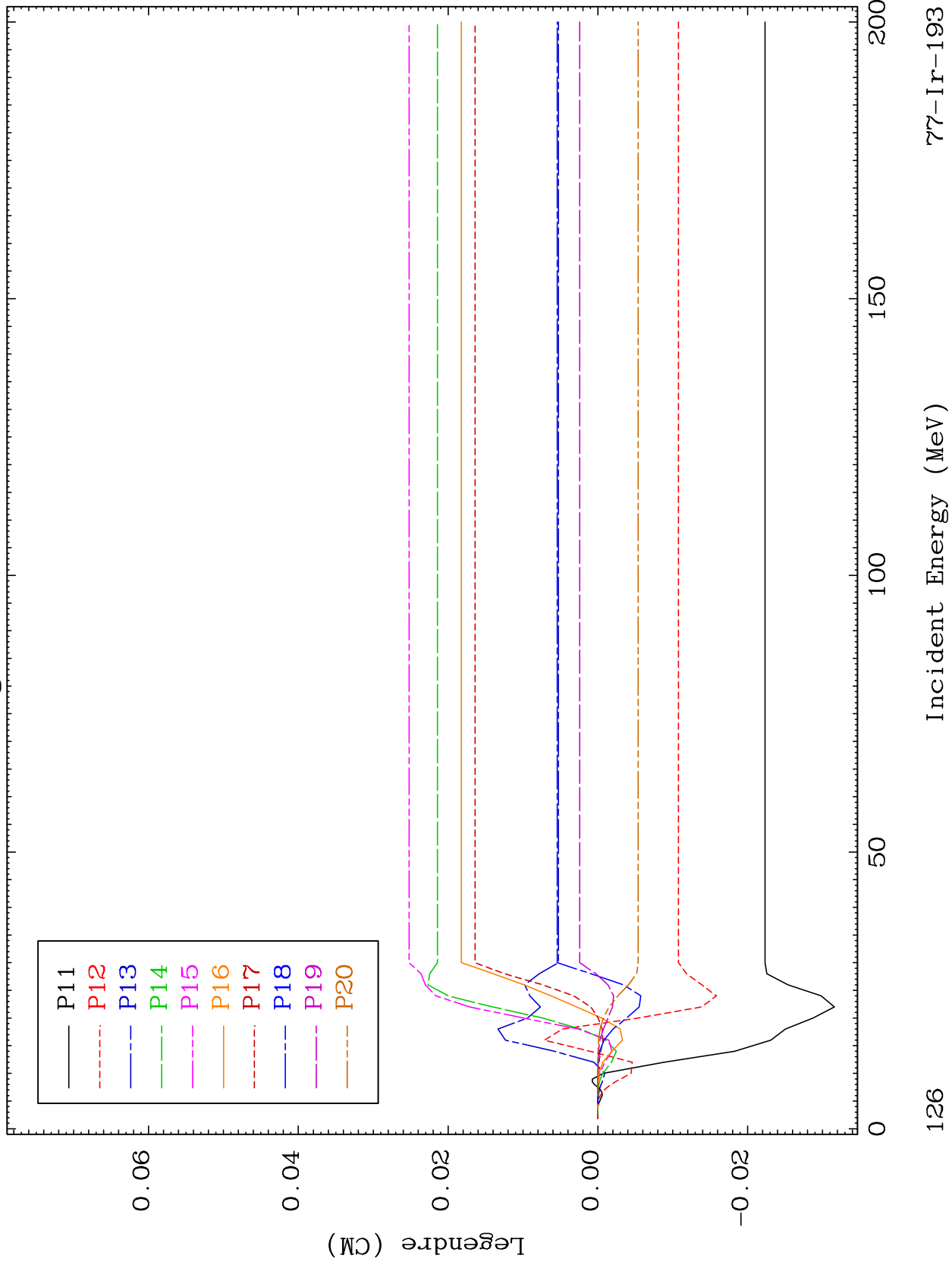
Incident Energy (MeV)

125

MAT 7731

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

77-Ir-193



126

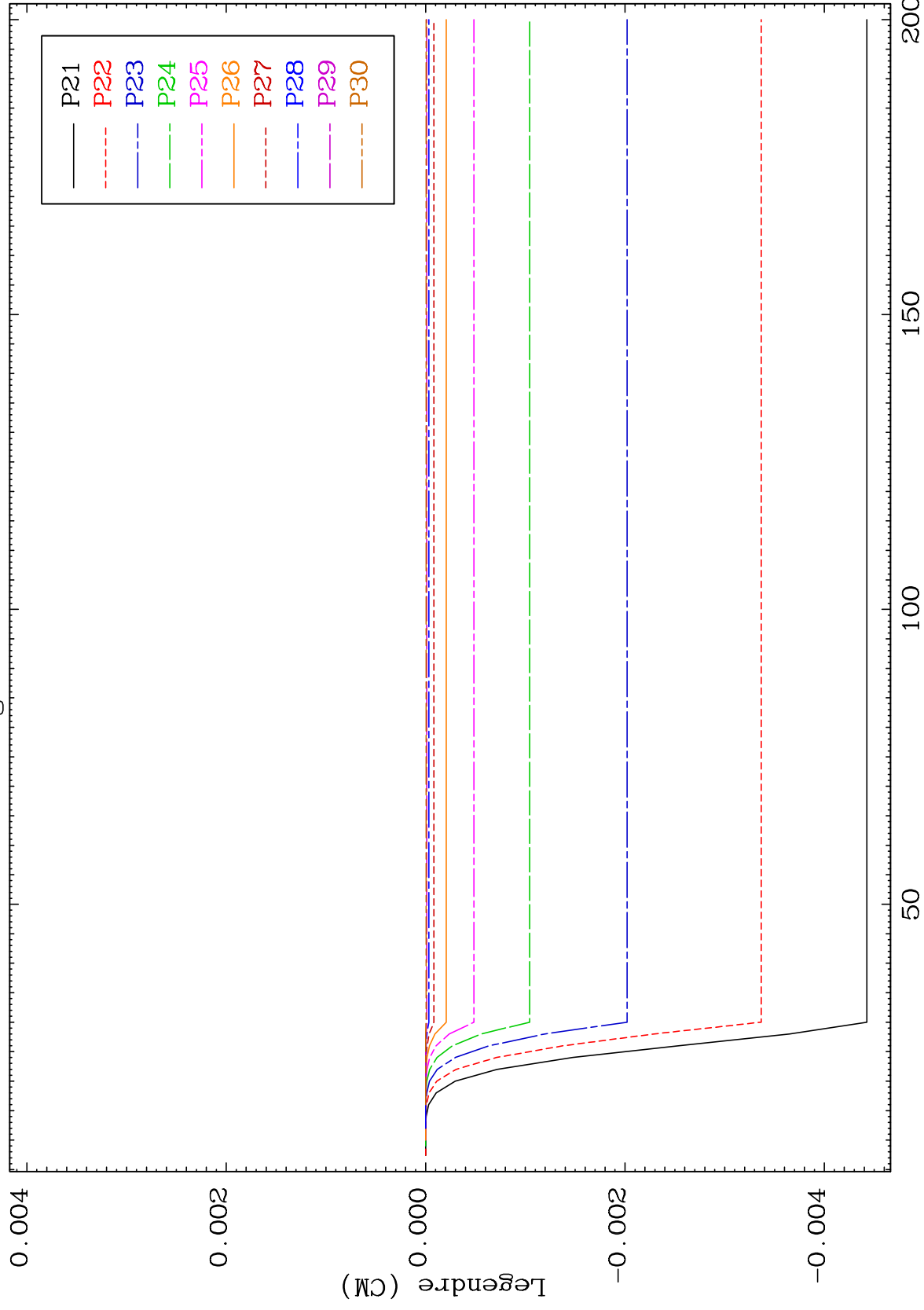
Incident Energy (MeV)

77-Ir-193

MAT 7731

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

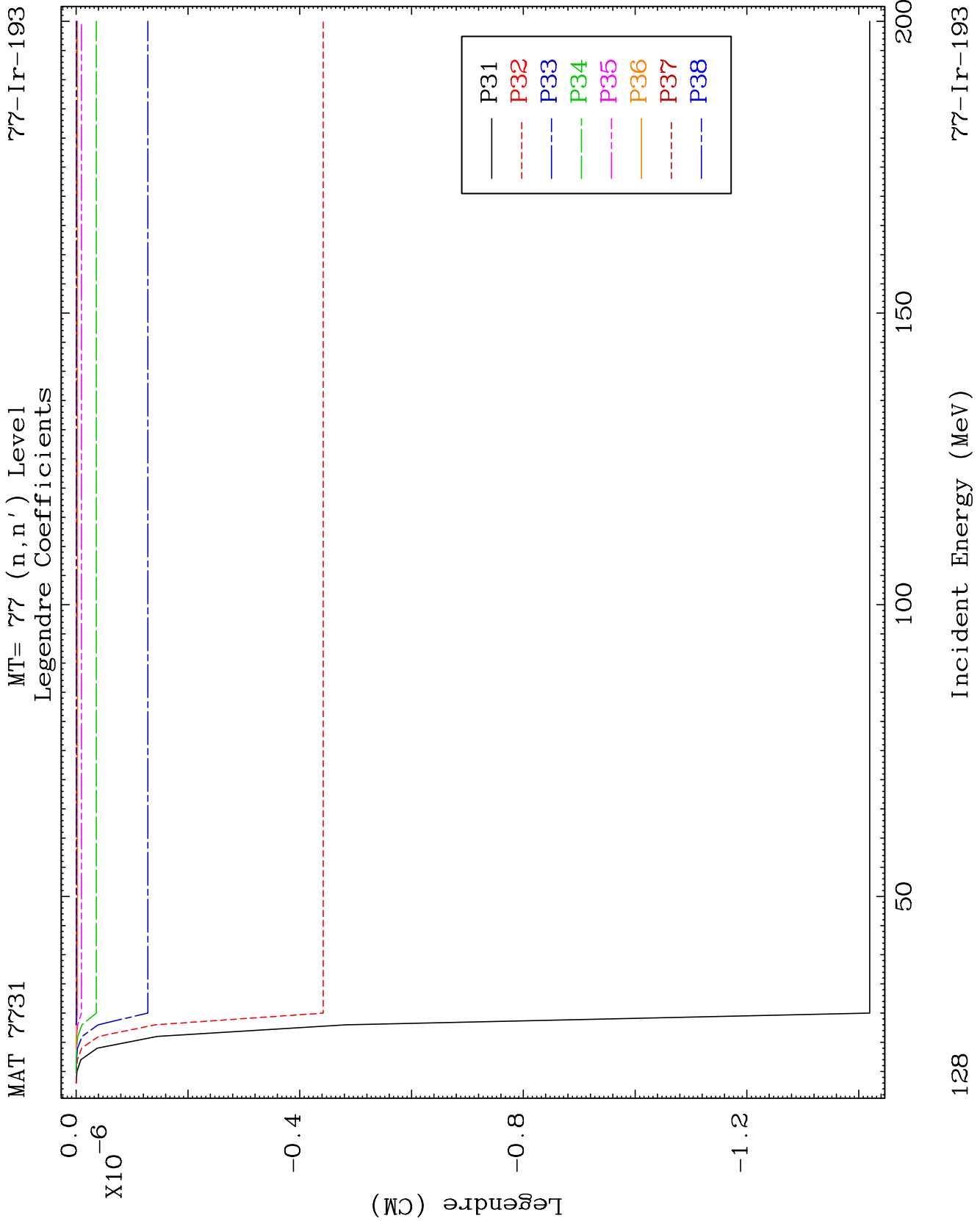
77-Ir-193

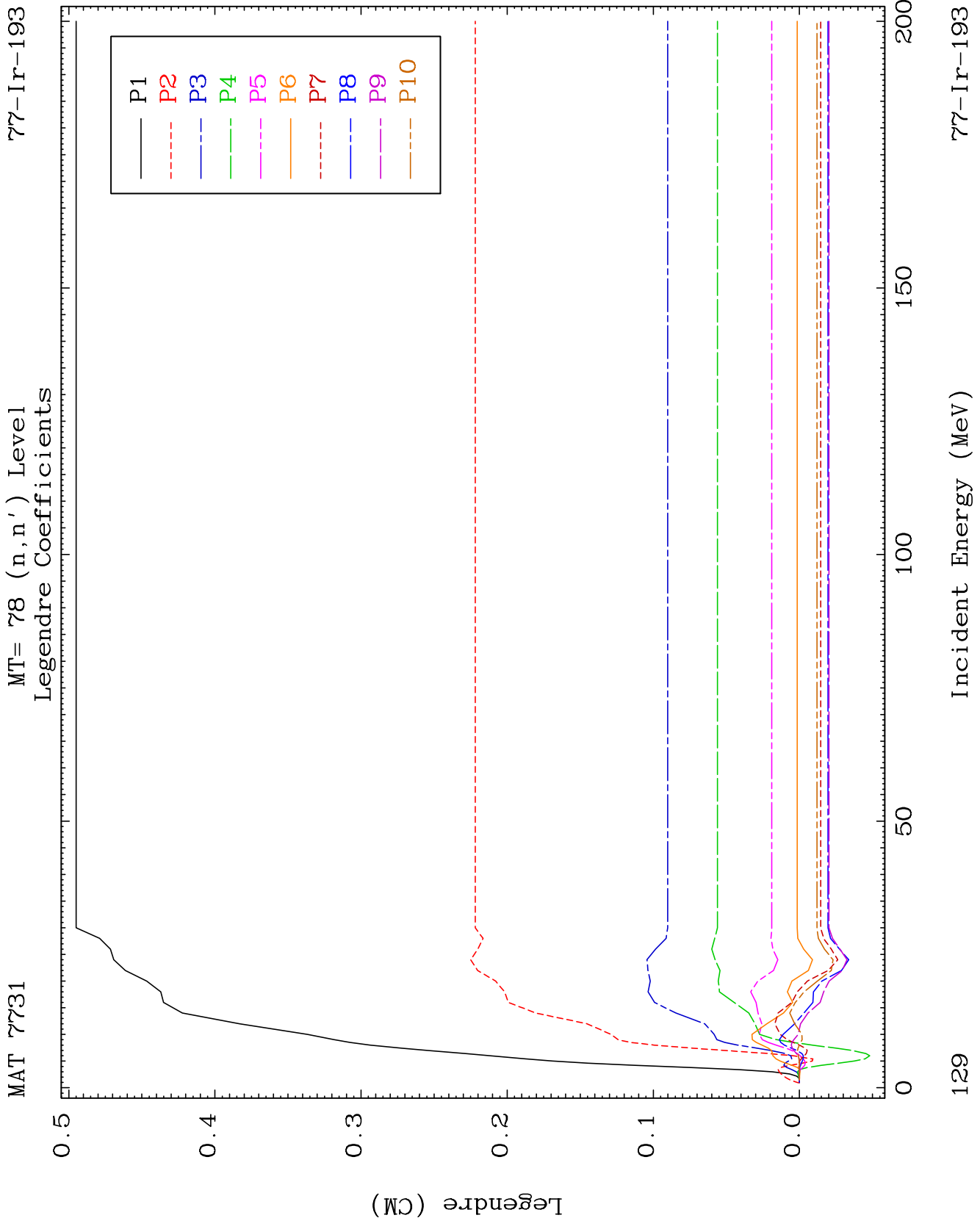


127

Incident Energy (MeV)

77-Ir-193

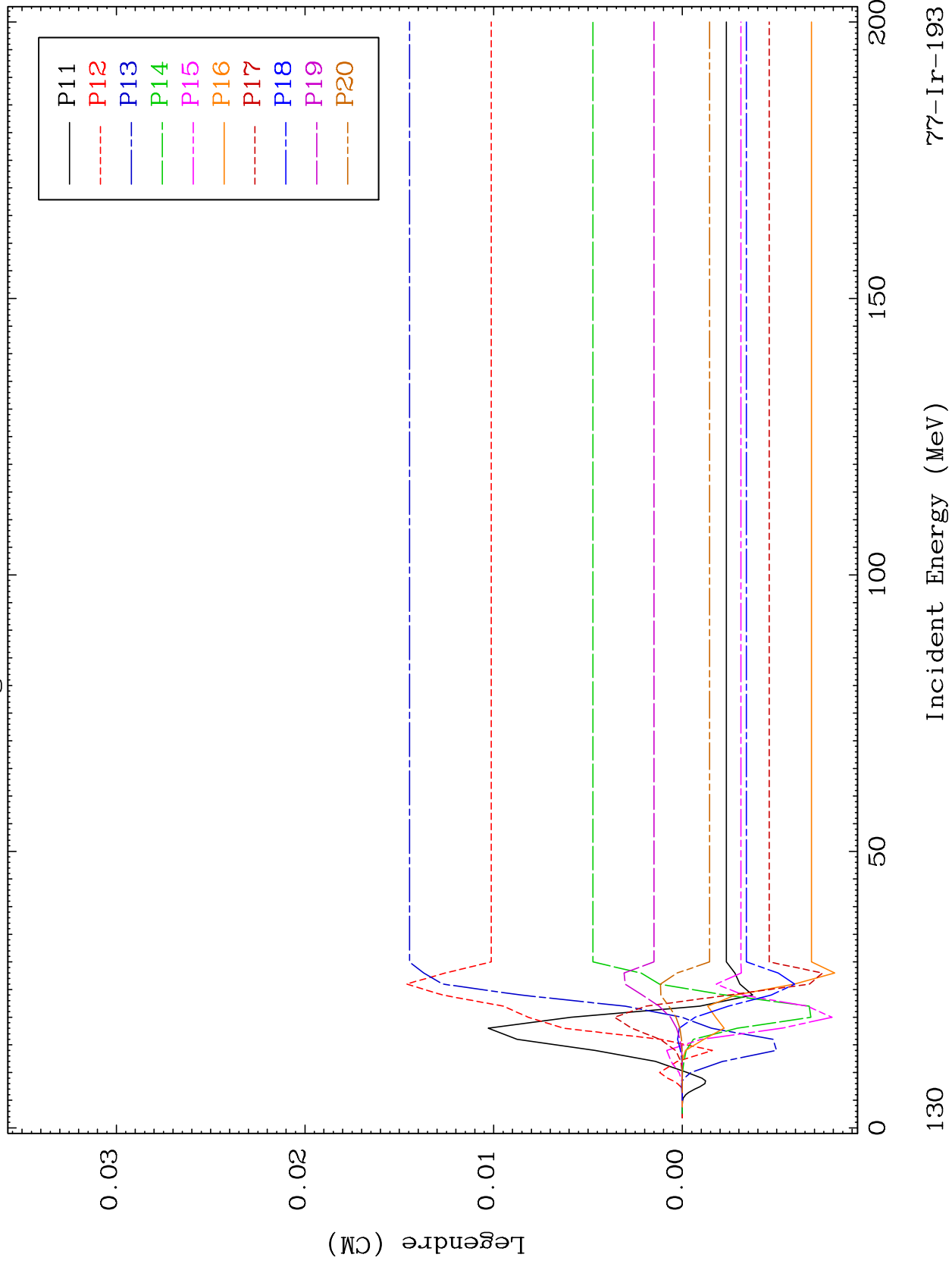




MAT 7731

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

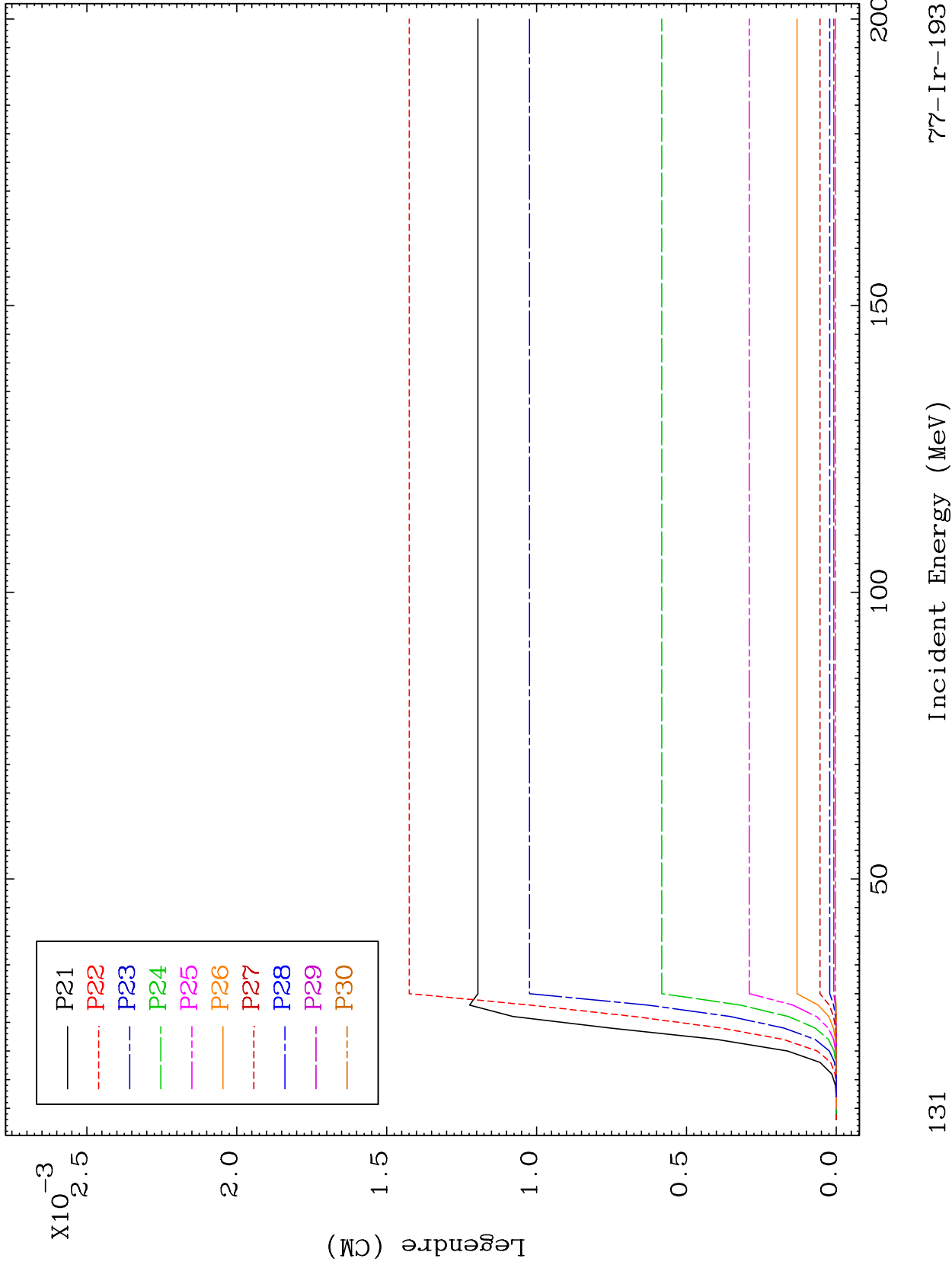
77-Ir-193



MAT 7731

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

77-Ir-193

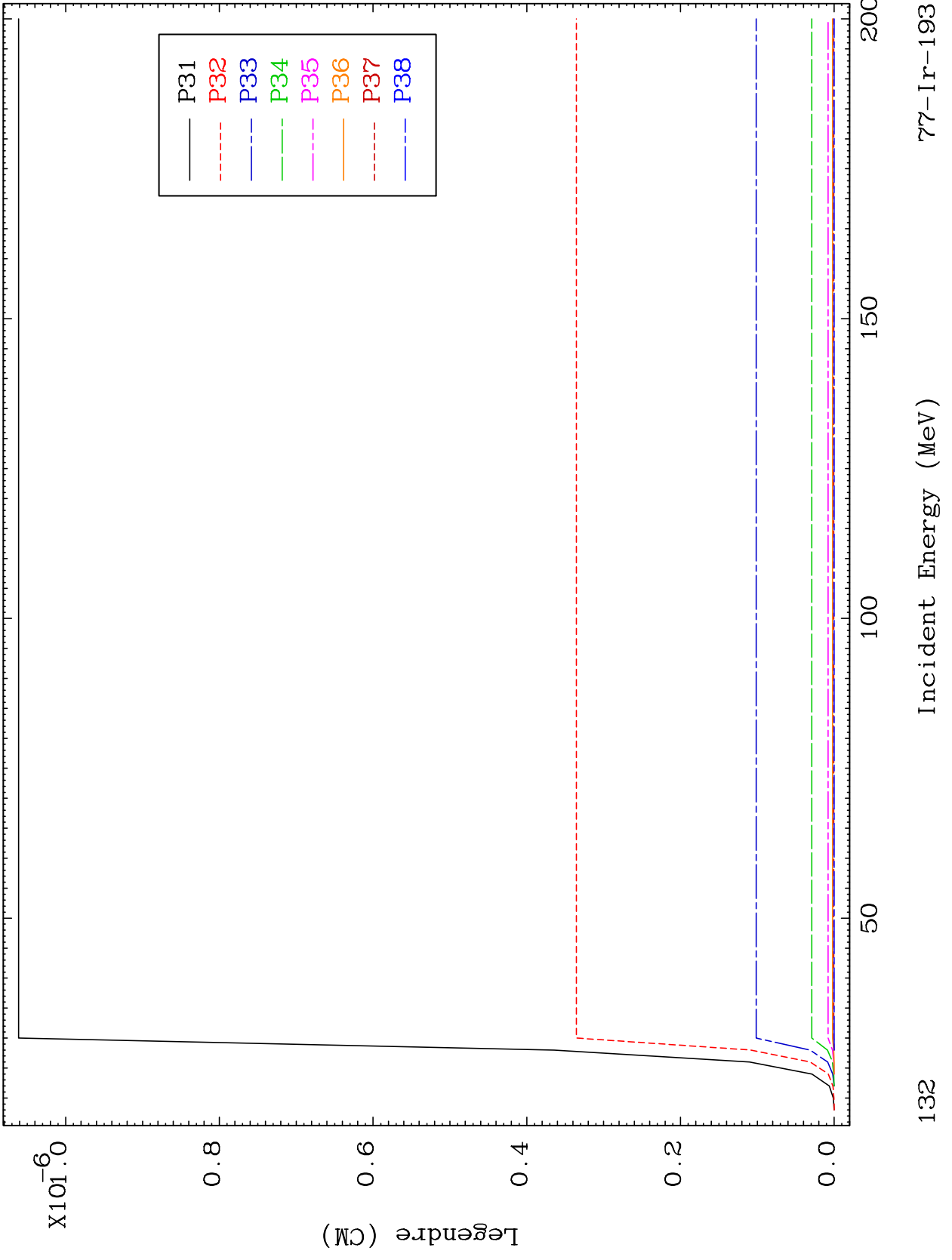


131

MAT 7731

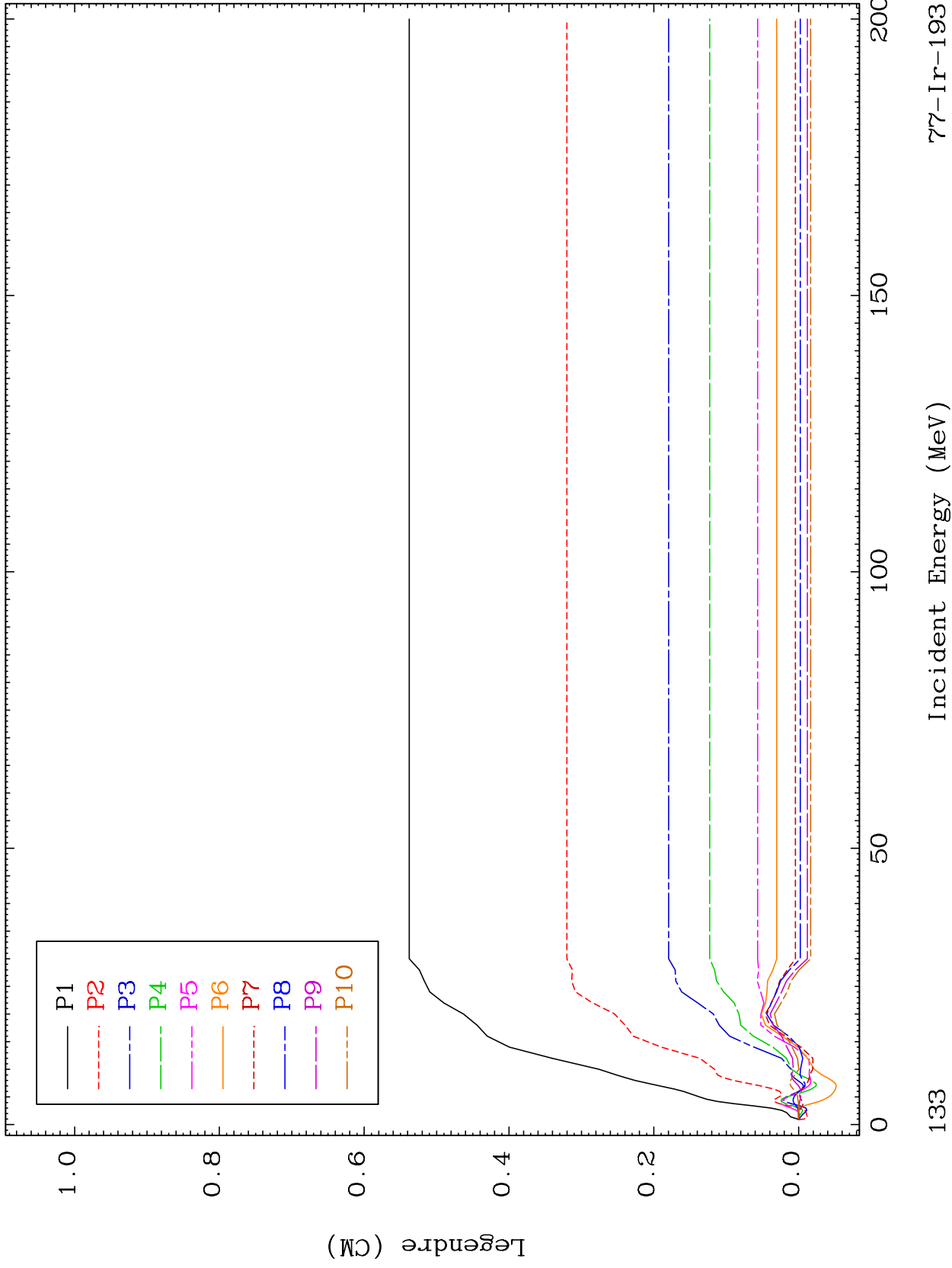
MT= 78 (n,n') Level
Legendre Coefficients

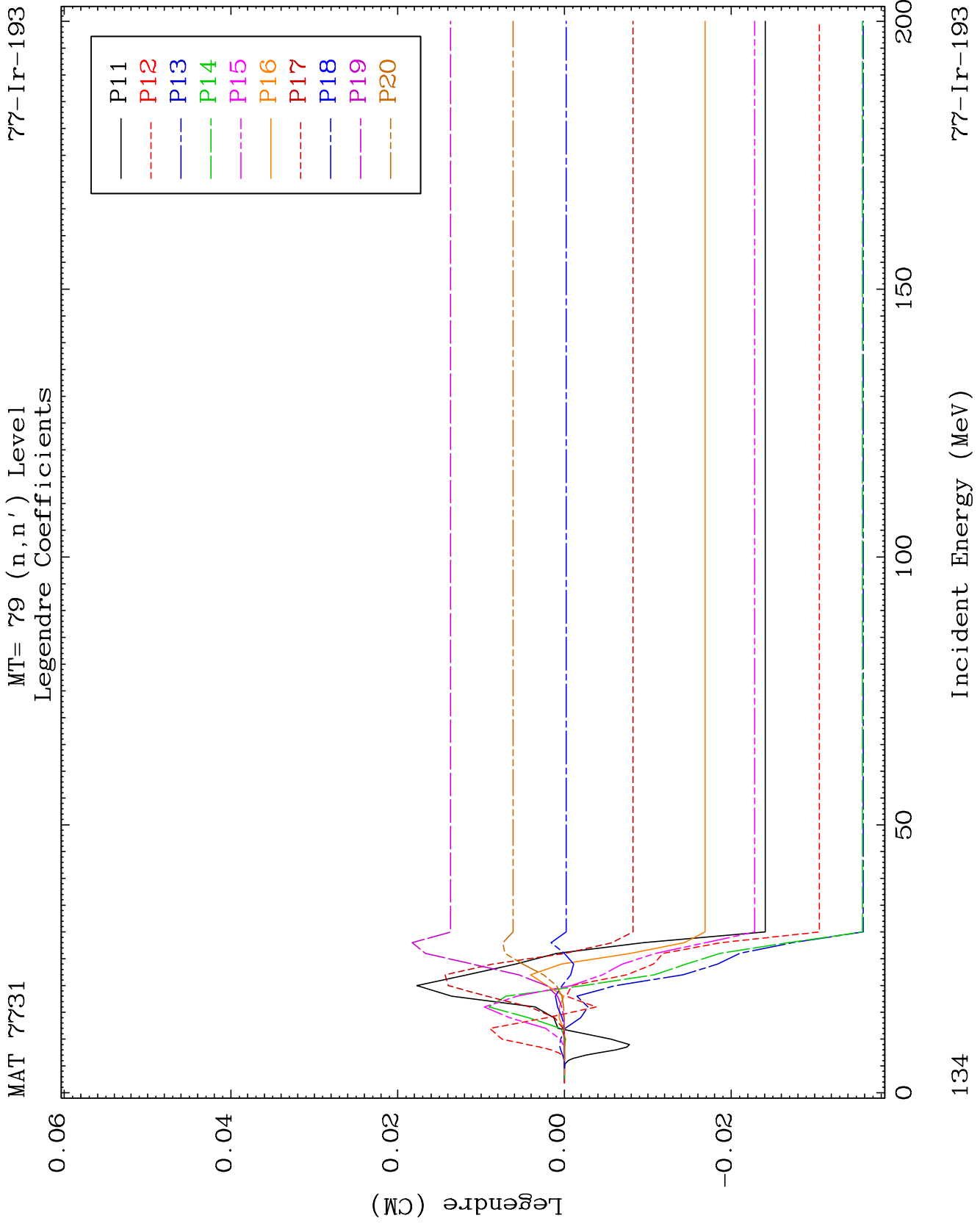
77-Ir-193



132

77-Ir-193

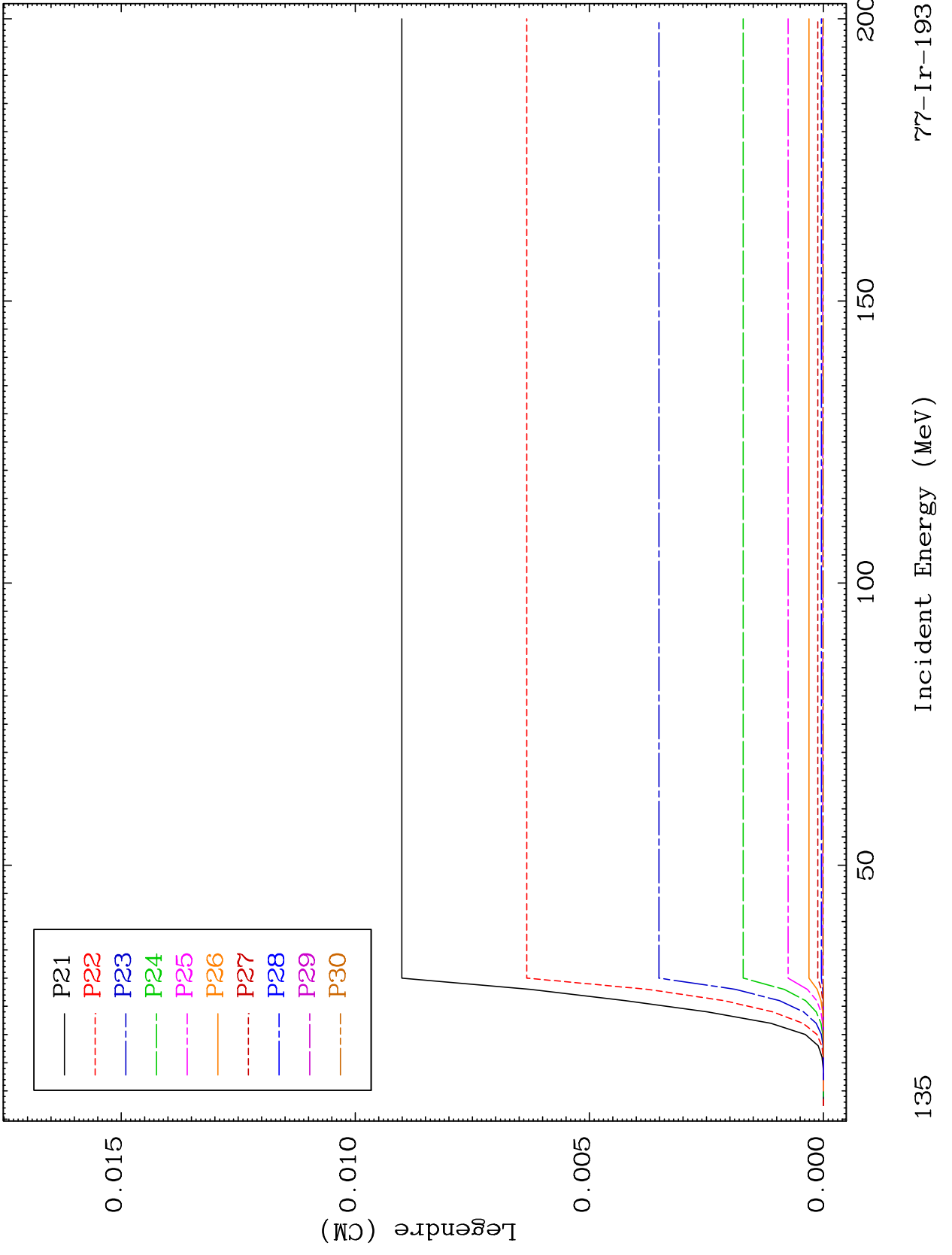




MAT 7731

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

77-Ir-193



135

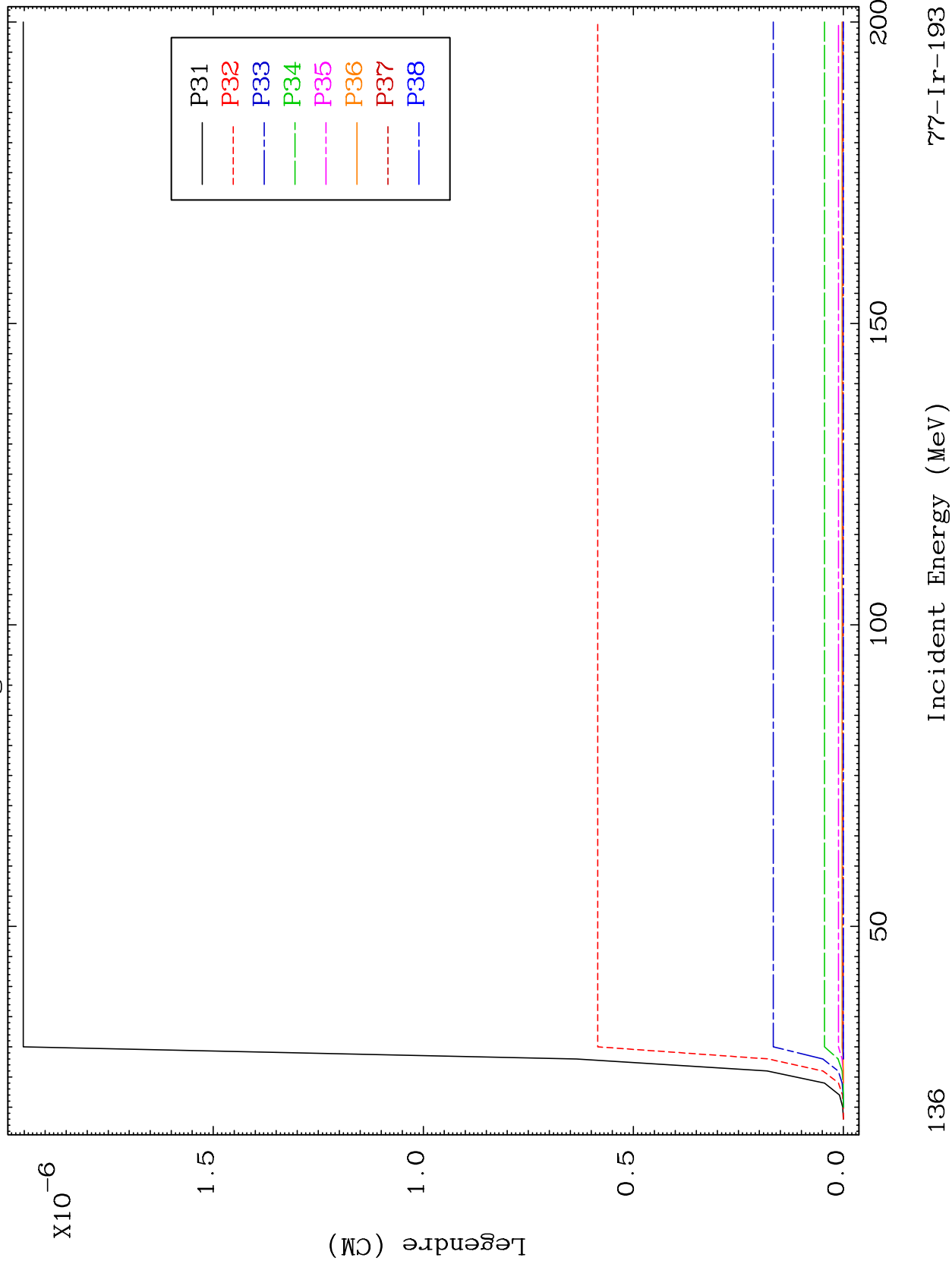
Incident Energy (MeV)

77-Ir-193

MAT 7731

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

77-Ir-193



136

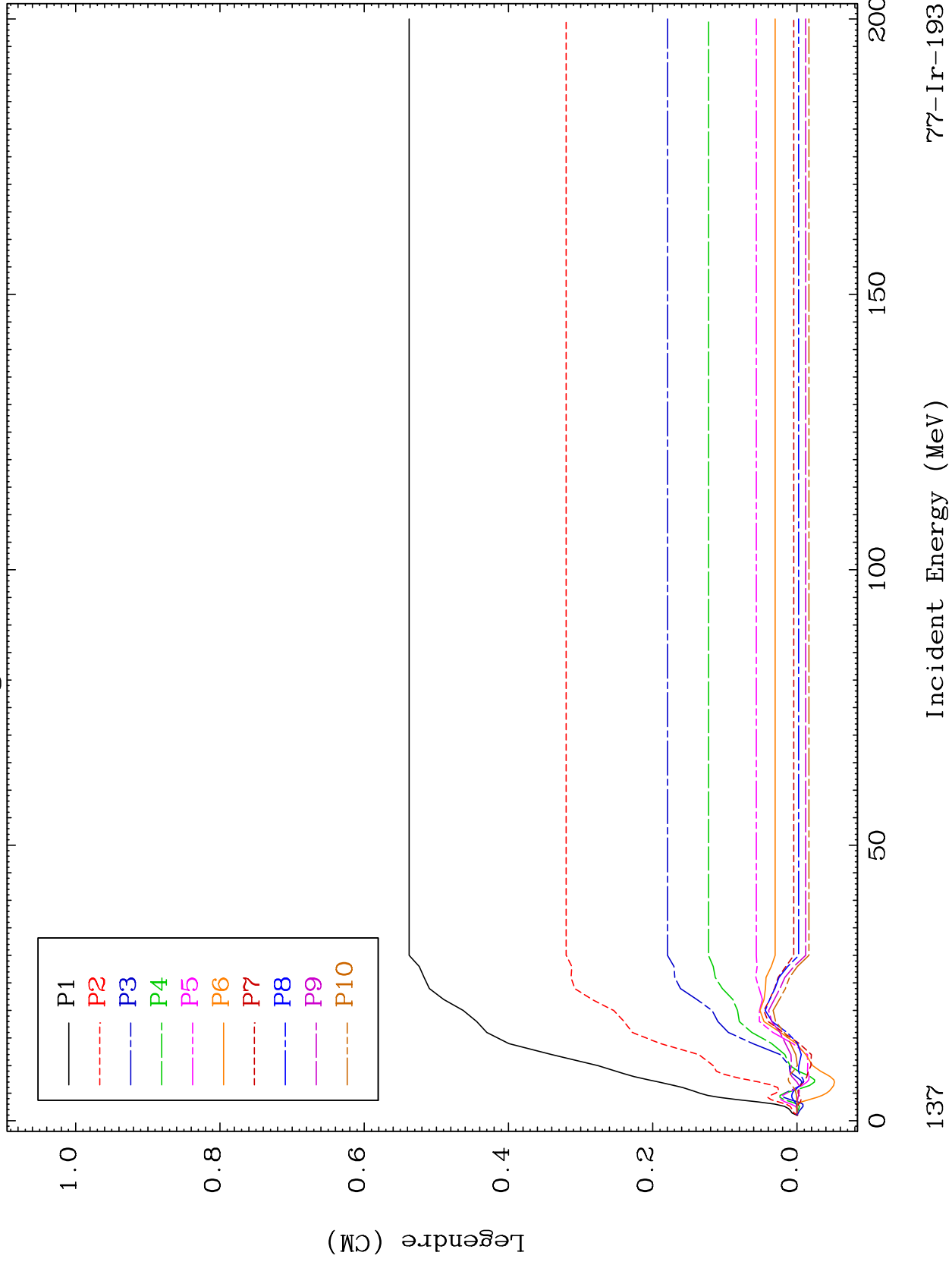
Incident Energy (MeV)

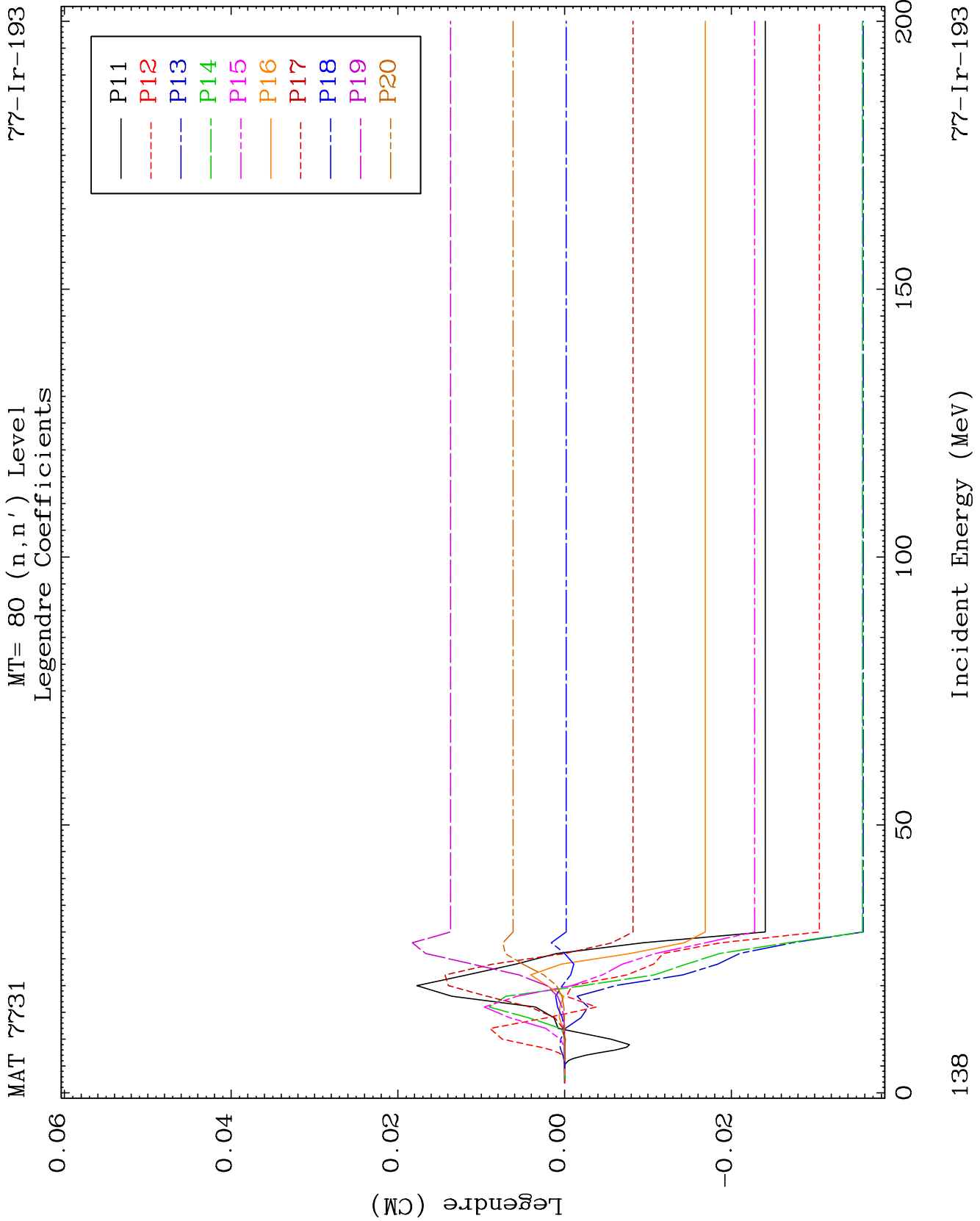
77-Ir-193

MAT 7731

MT= 80 (n,n') Level
Legendre Coefficients

77-Ir-193

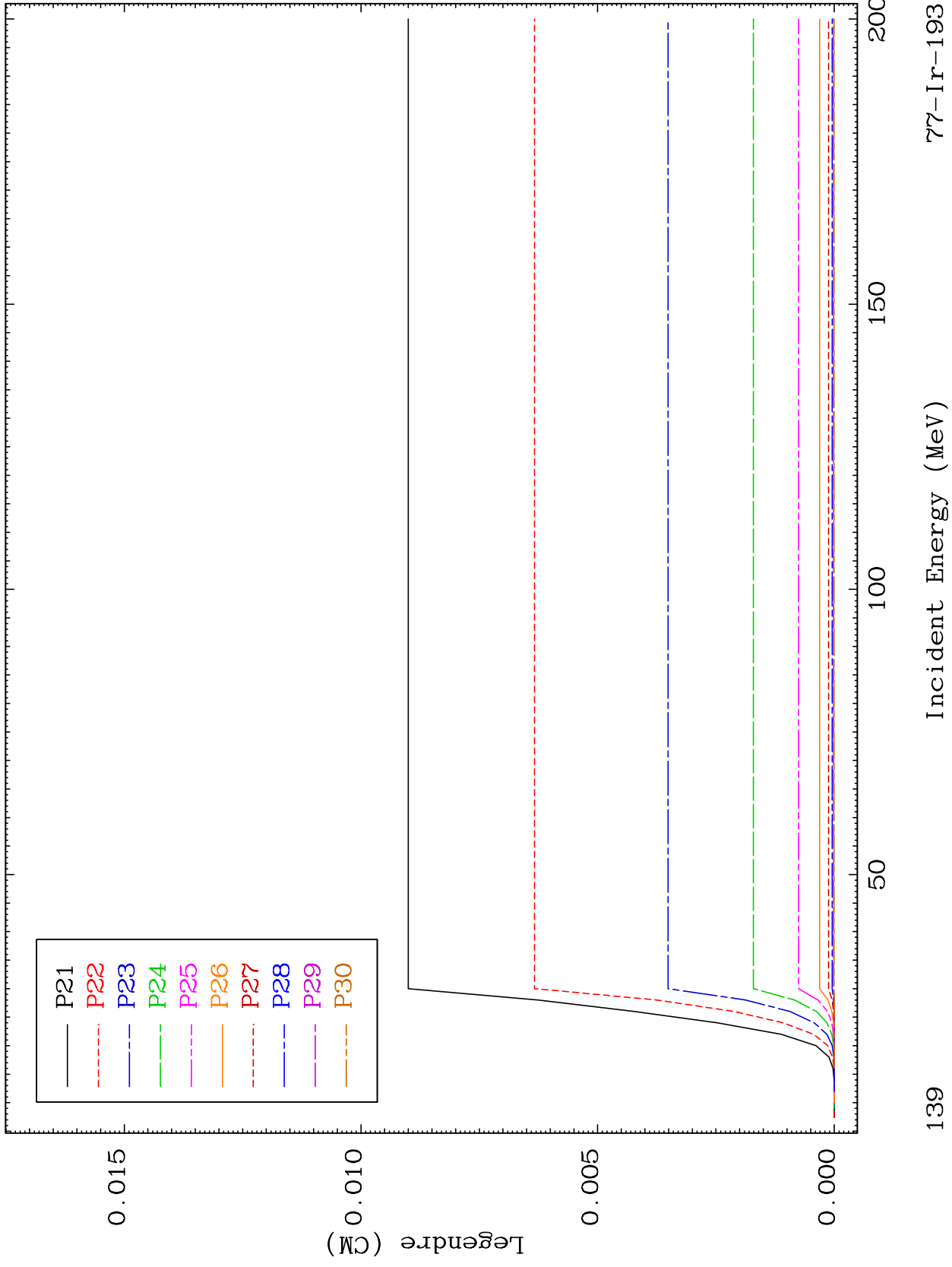




MAT 7731

MT= 80 (n,n') Level
Legendre Coefficients

77-Ir-193



139

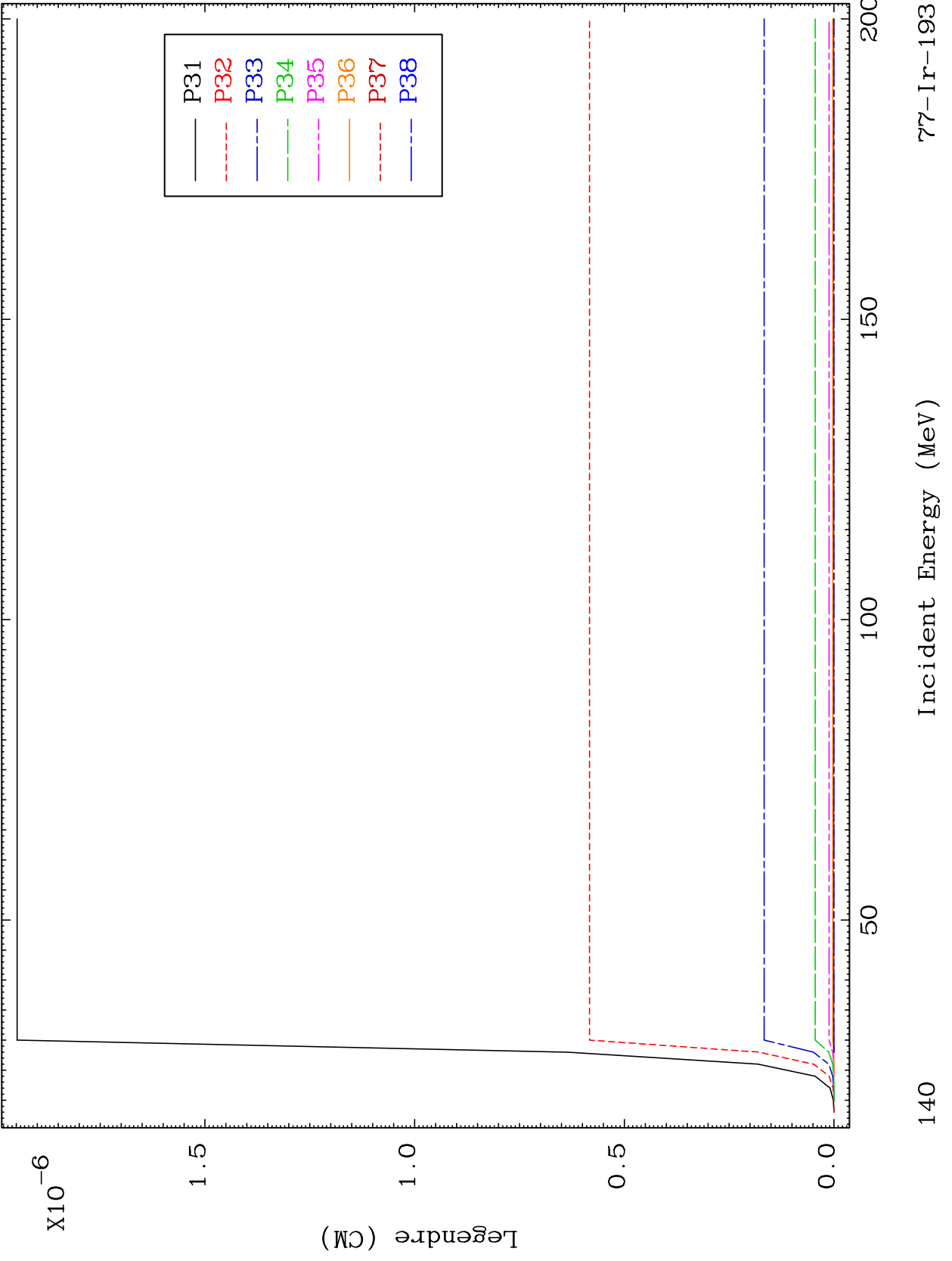
Incident Energy (MeV)

77-Ir-193

MAT 7731

MT= 80 (n,n') Level
Legendre Coefficients

77-Ir-193

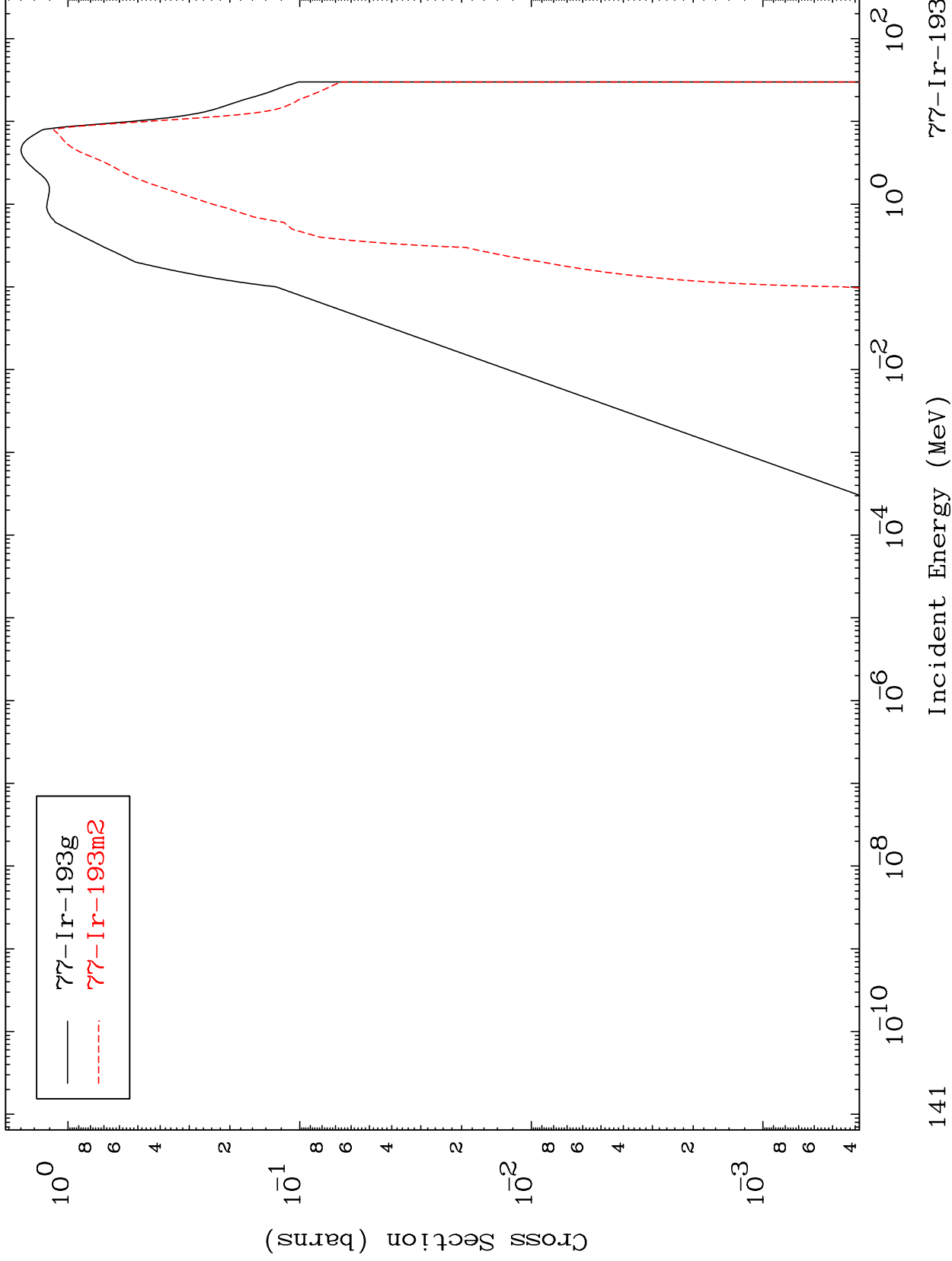


MAT 7731

Inelastic

⁷⁷Ir-193

Radionuclide Production Cross Section



141

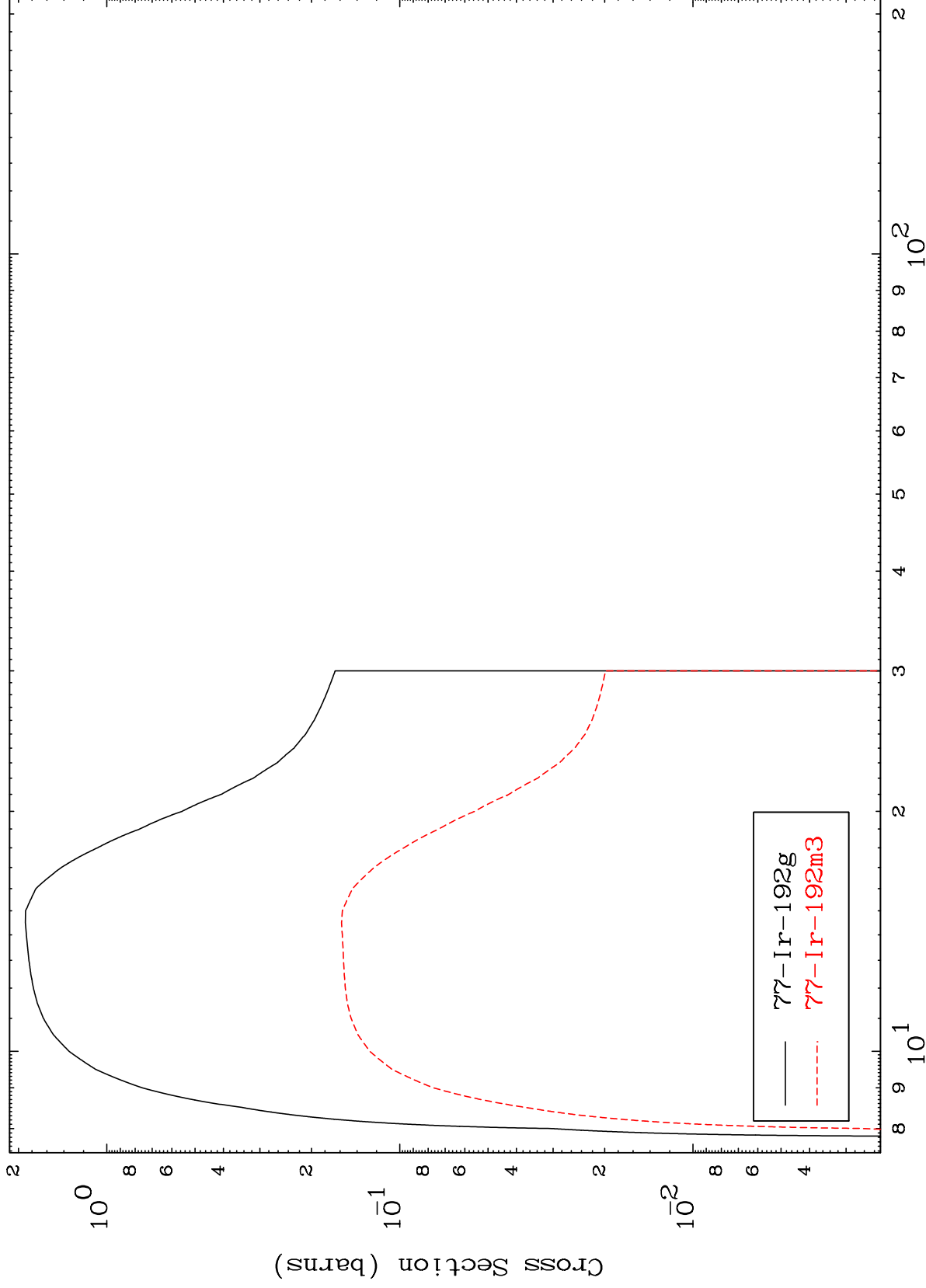
Incident Energy (MeV)

⁷⁷Ir-193

MAT 7731

77-Ir-193

(n,2n)
Radionuclide Production Cross Section



77-Ir-193

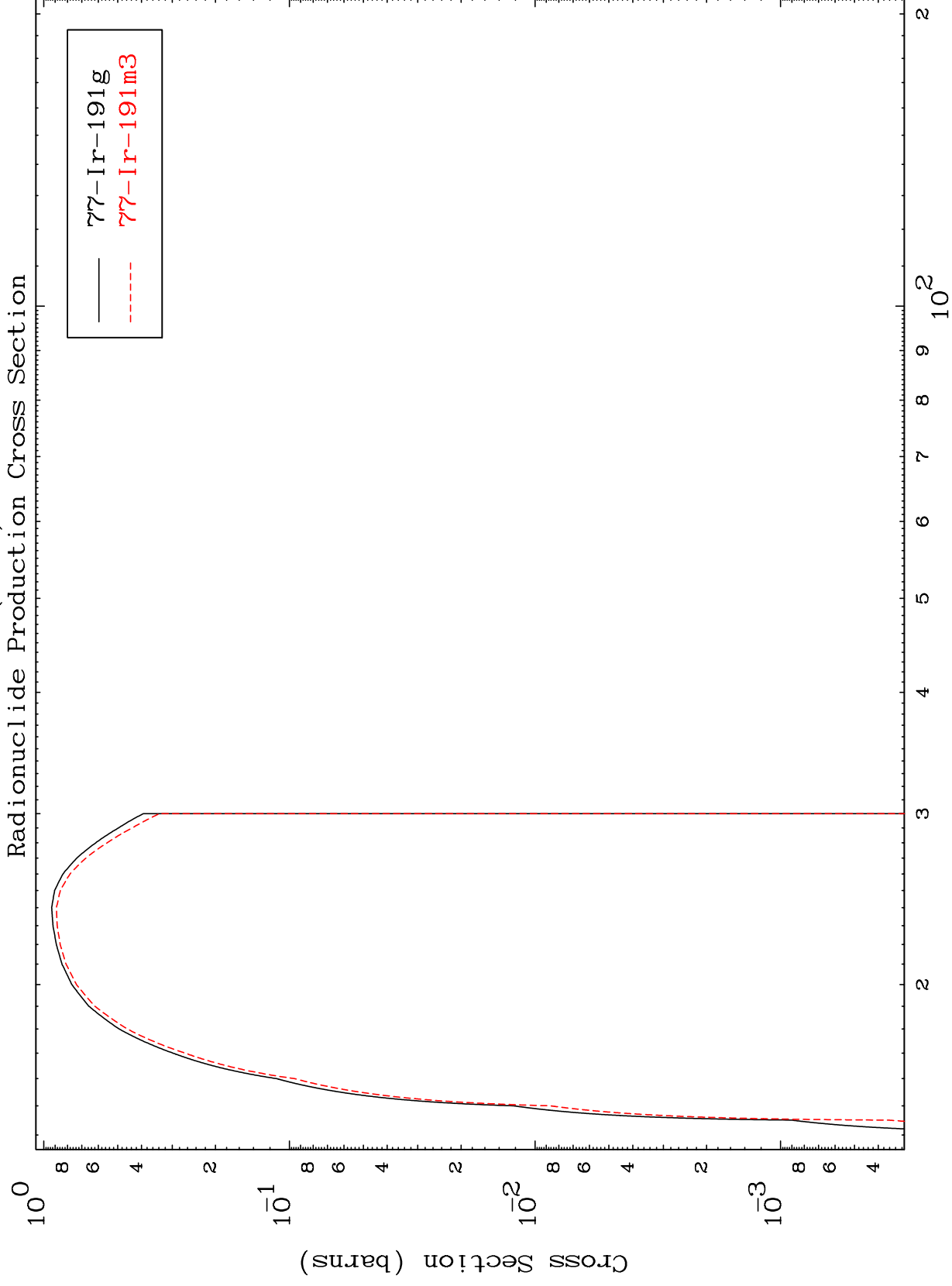
Incident Energy (MeV)

142

MAT 7731

77-Ir-193

(n,3n)
Radionuclide Production Cross Section



143

Incident Energy (MeV)

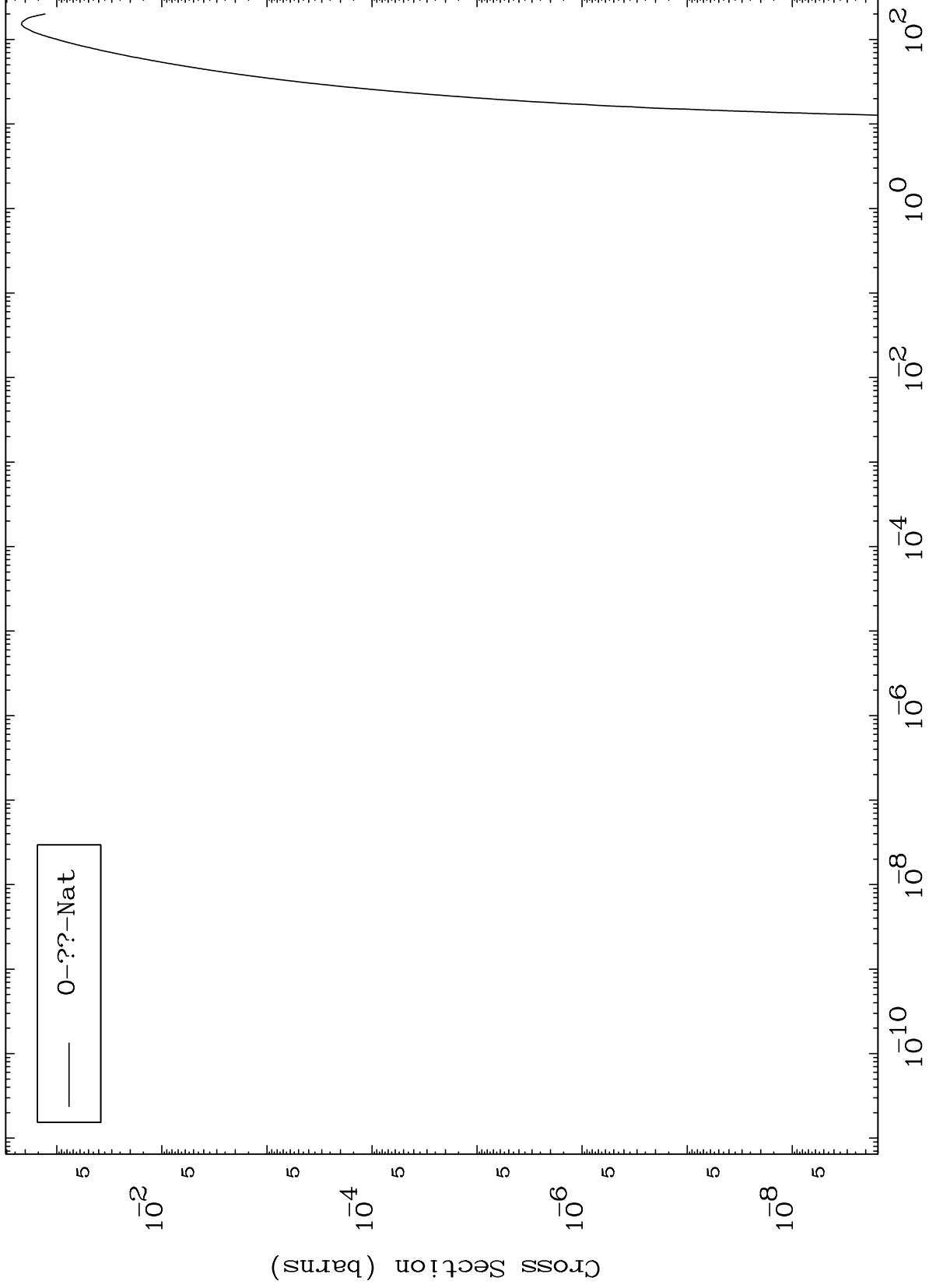
77-Ir-193

MAT 7731

Fission

⁷⁷Ir-193

Radionuclide Production Cross Section



144

Incident Energy (MeV)

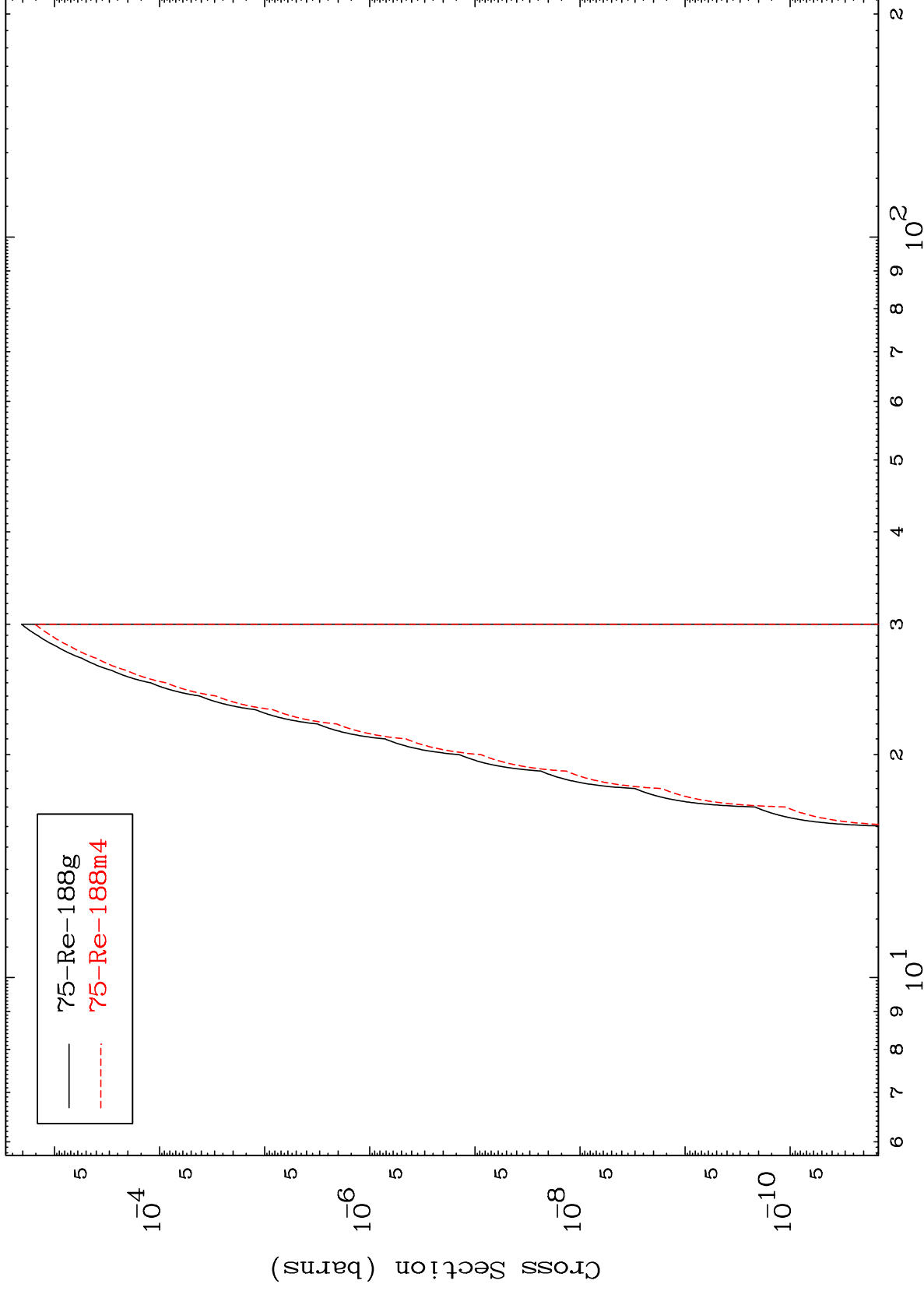
⁷⁷Ir-193

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(n,2n) α

77-Ir-193

Radionuclide Production Cross Section

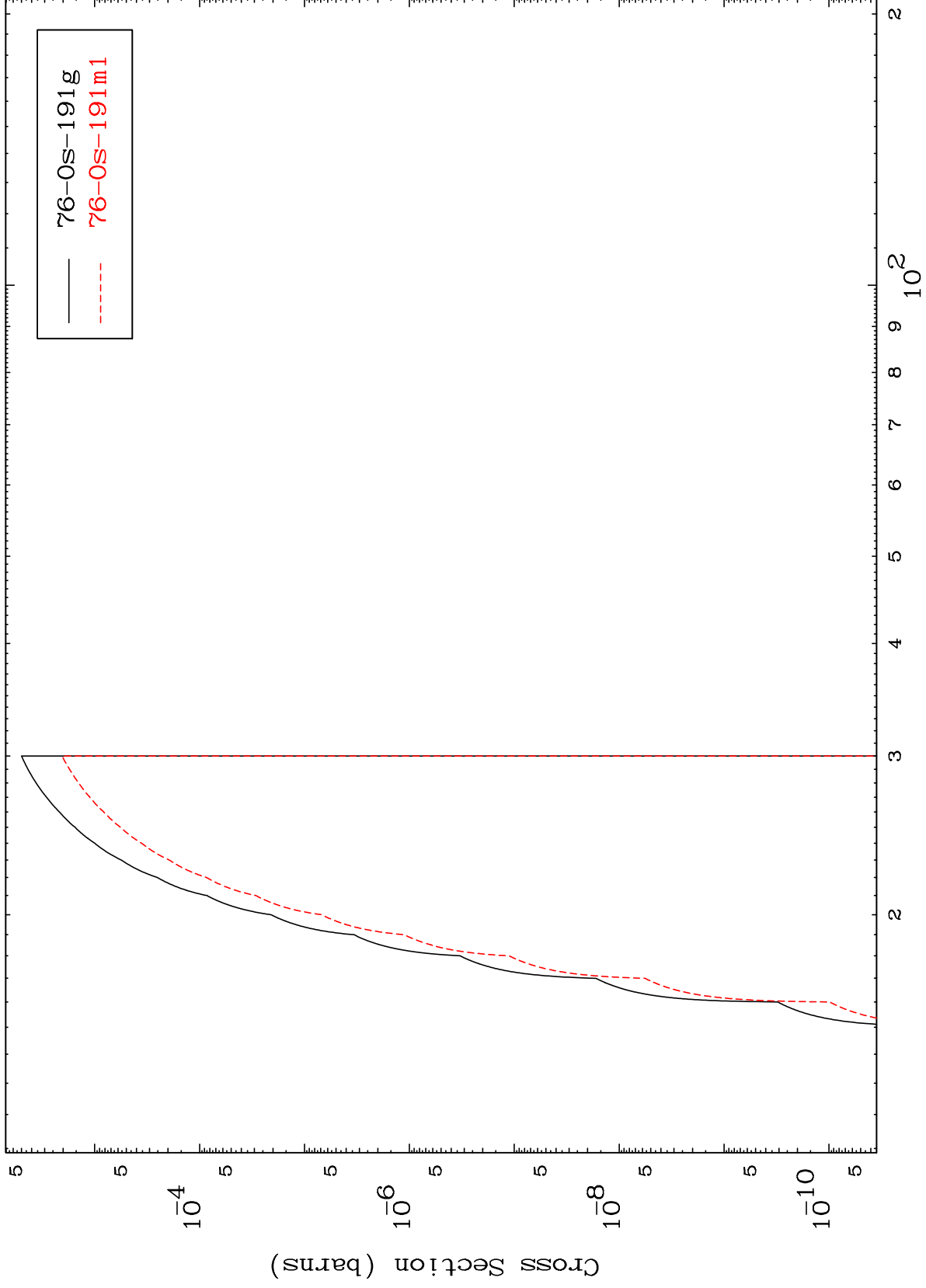


145

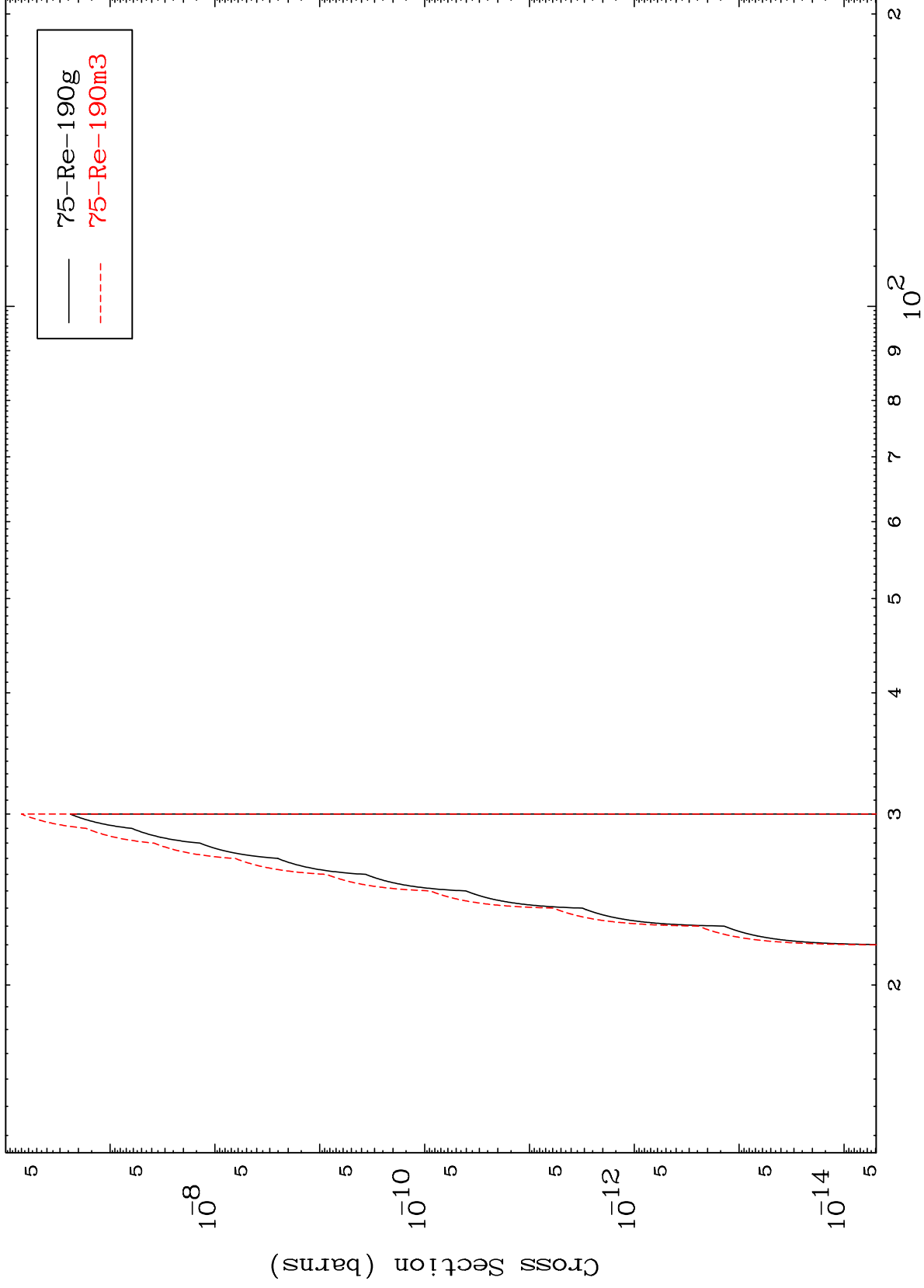
Incident Energy (MeV)

77-Ir-193

Radionuclide Production Cross Section



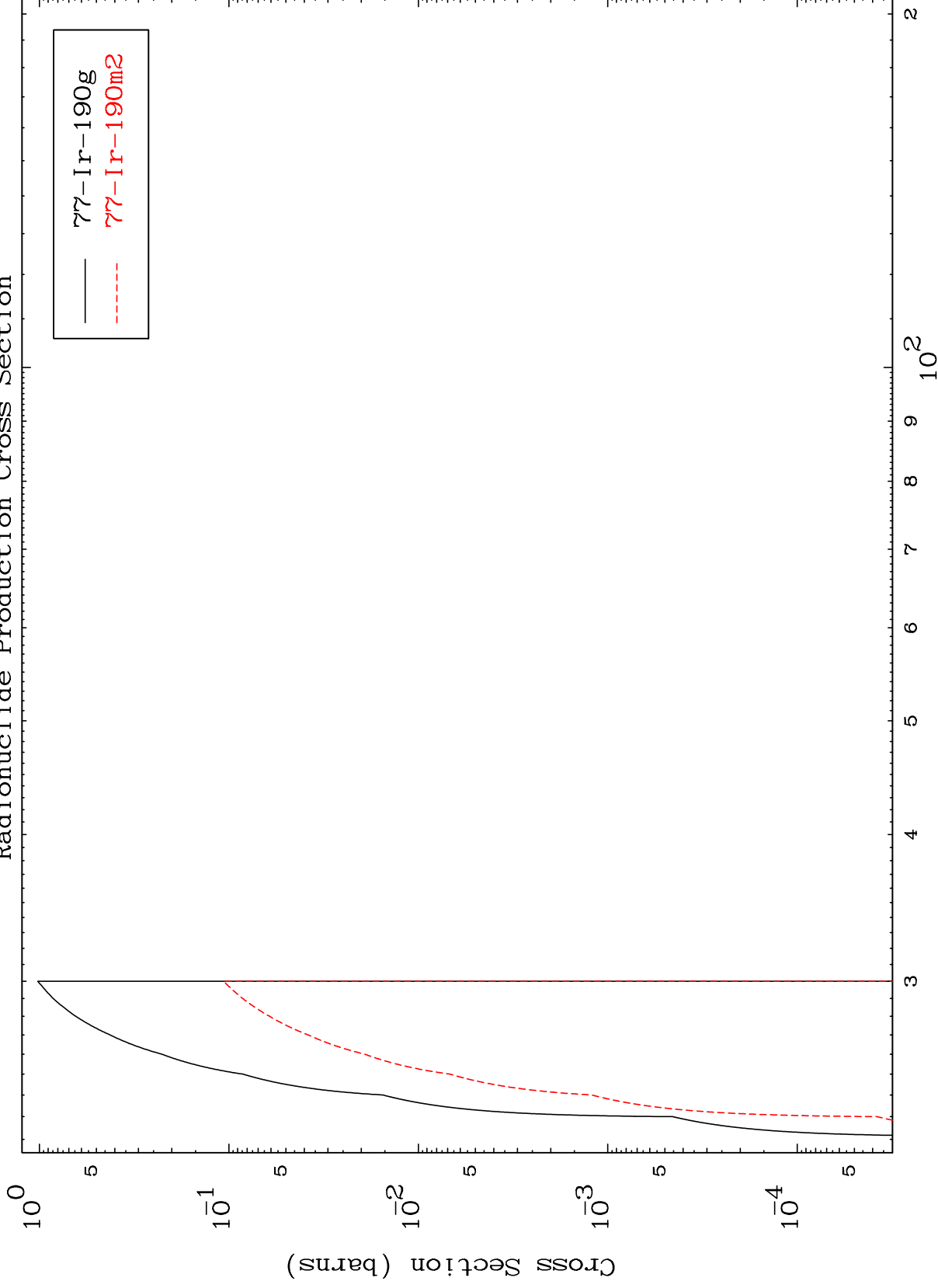
Radionuclide Production Cross Section



MAT 7731

77-Ir-193

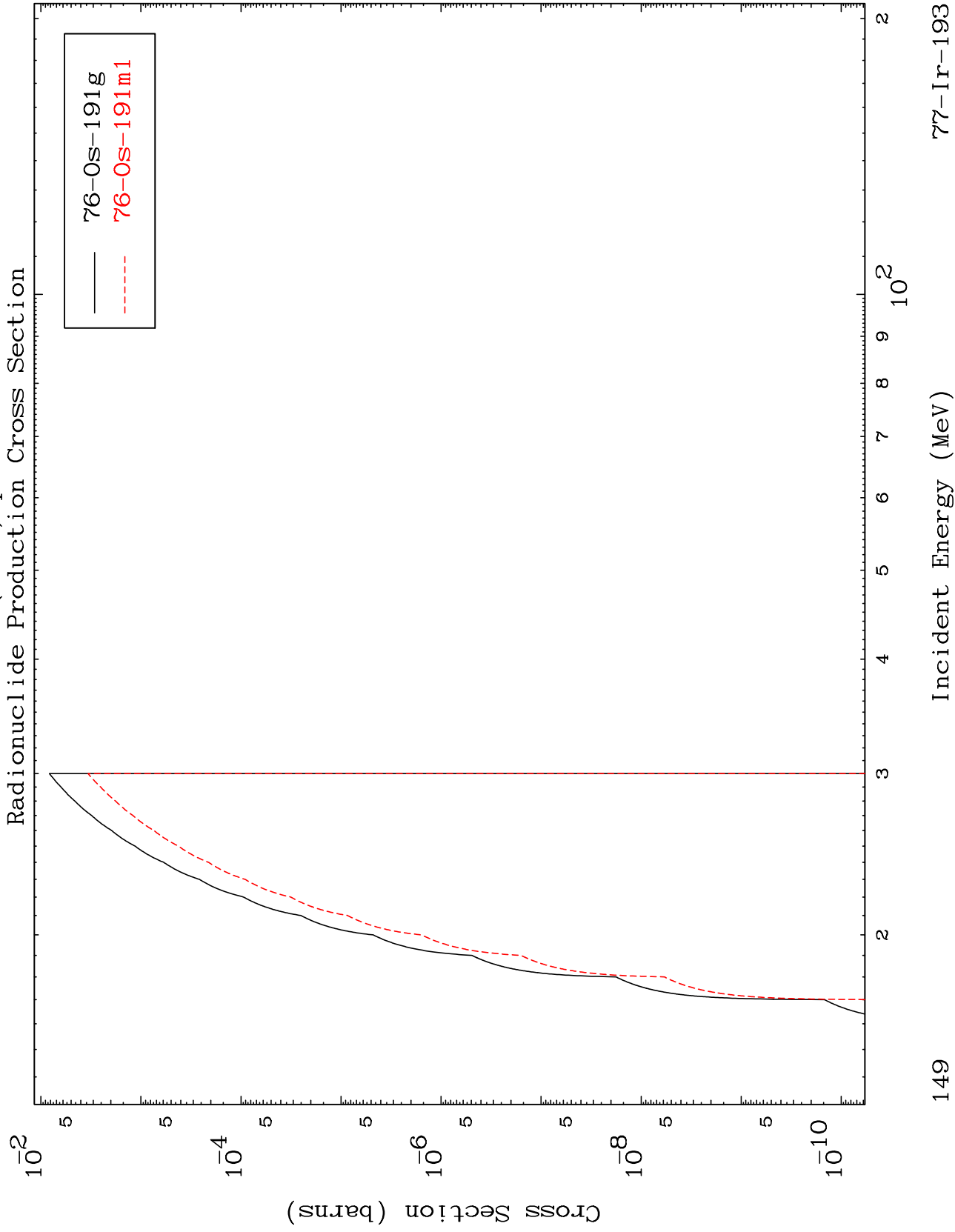
(n,4n)
Radionuclide Production Cross Section



148

Incident Energy (MeV)

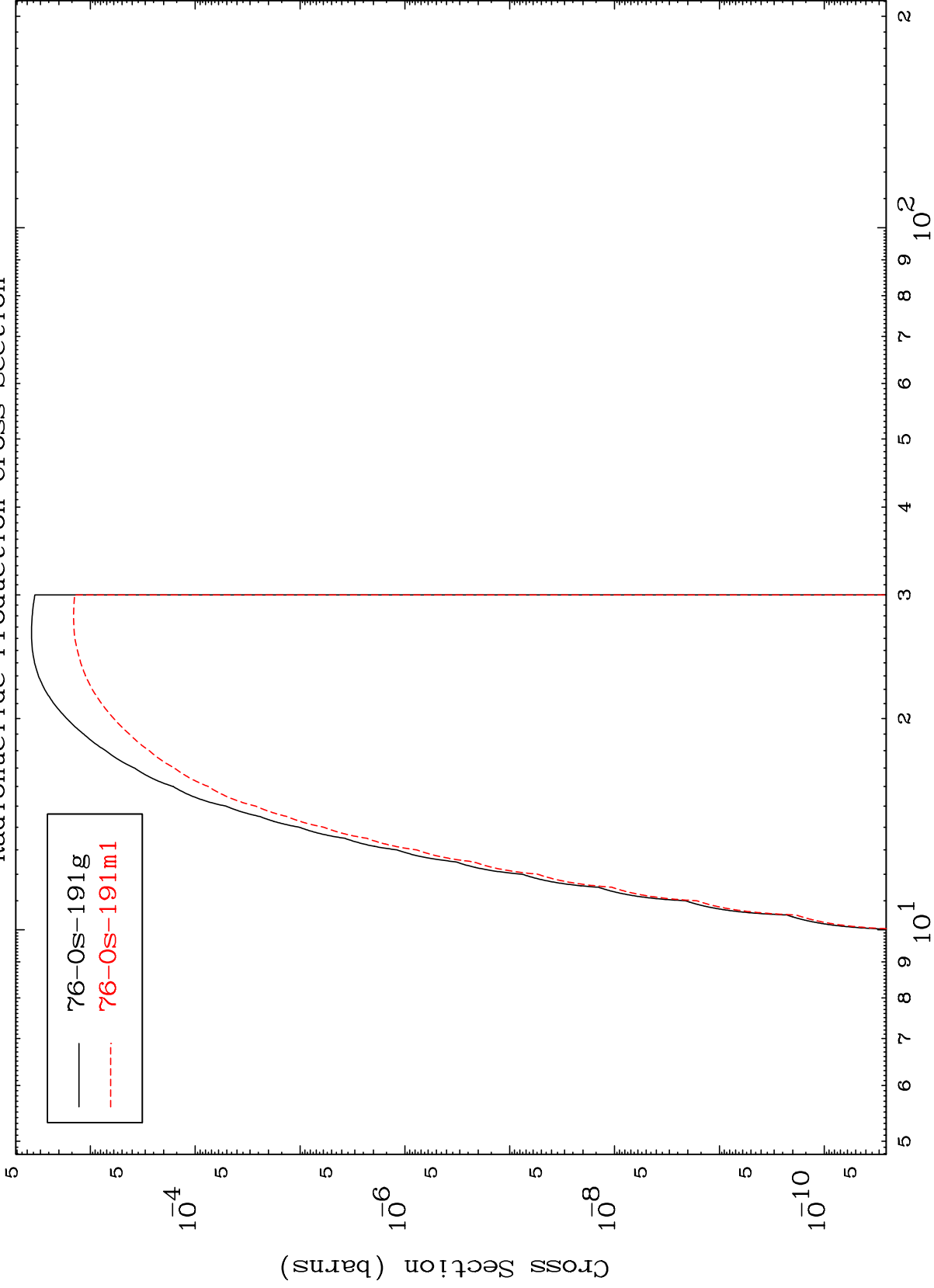
77-Ir-193



MAT 7731

77-Ir-193

Radionuclide Production Cross Section



Incident Energy (MeV)

77-Ir-193

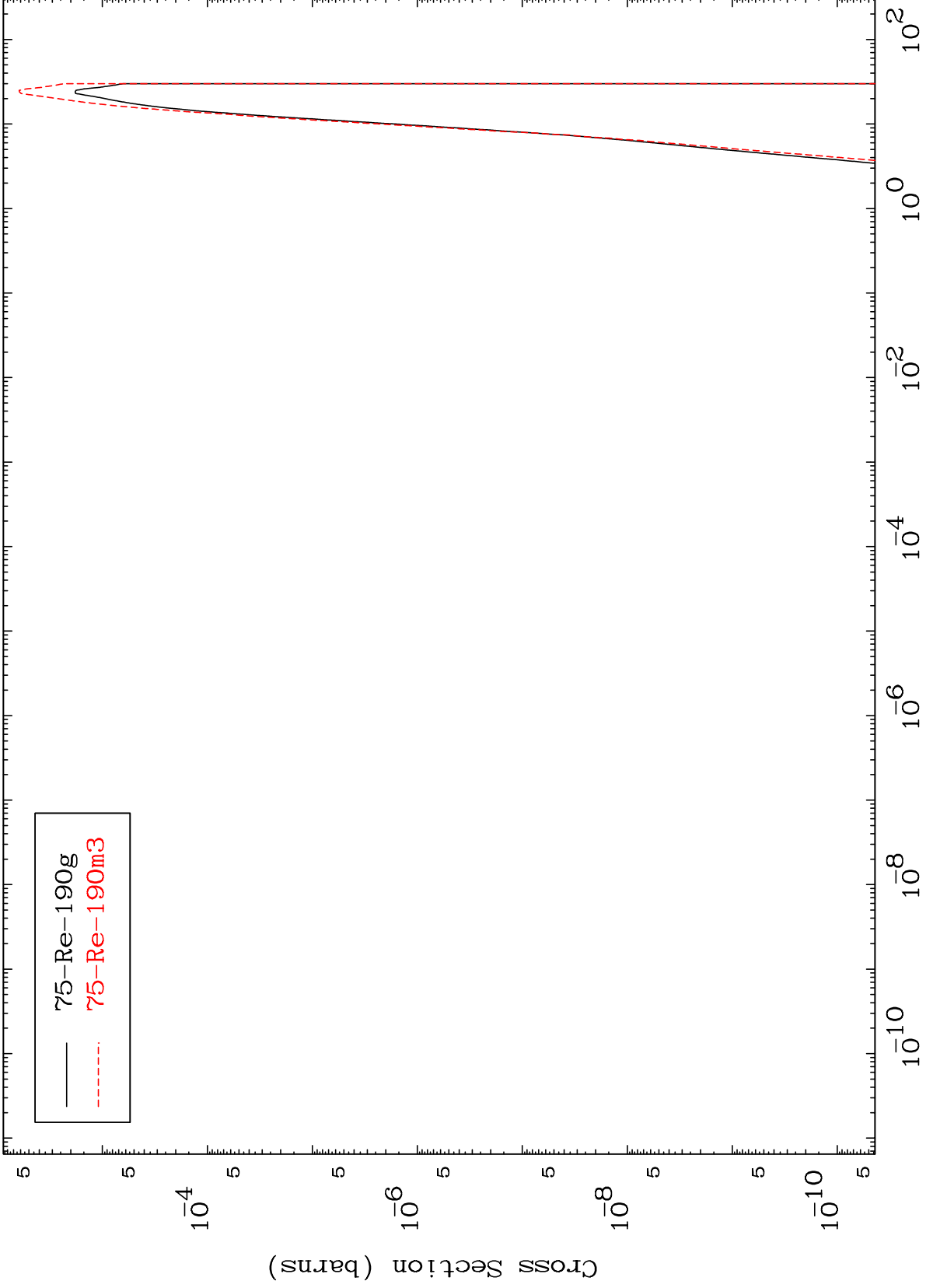
150

MAT 7731

(n, α)

77-Ir-193

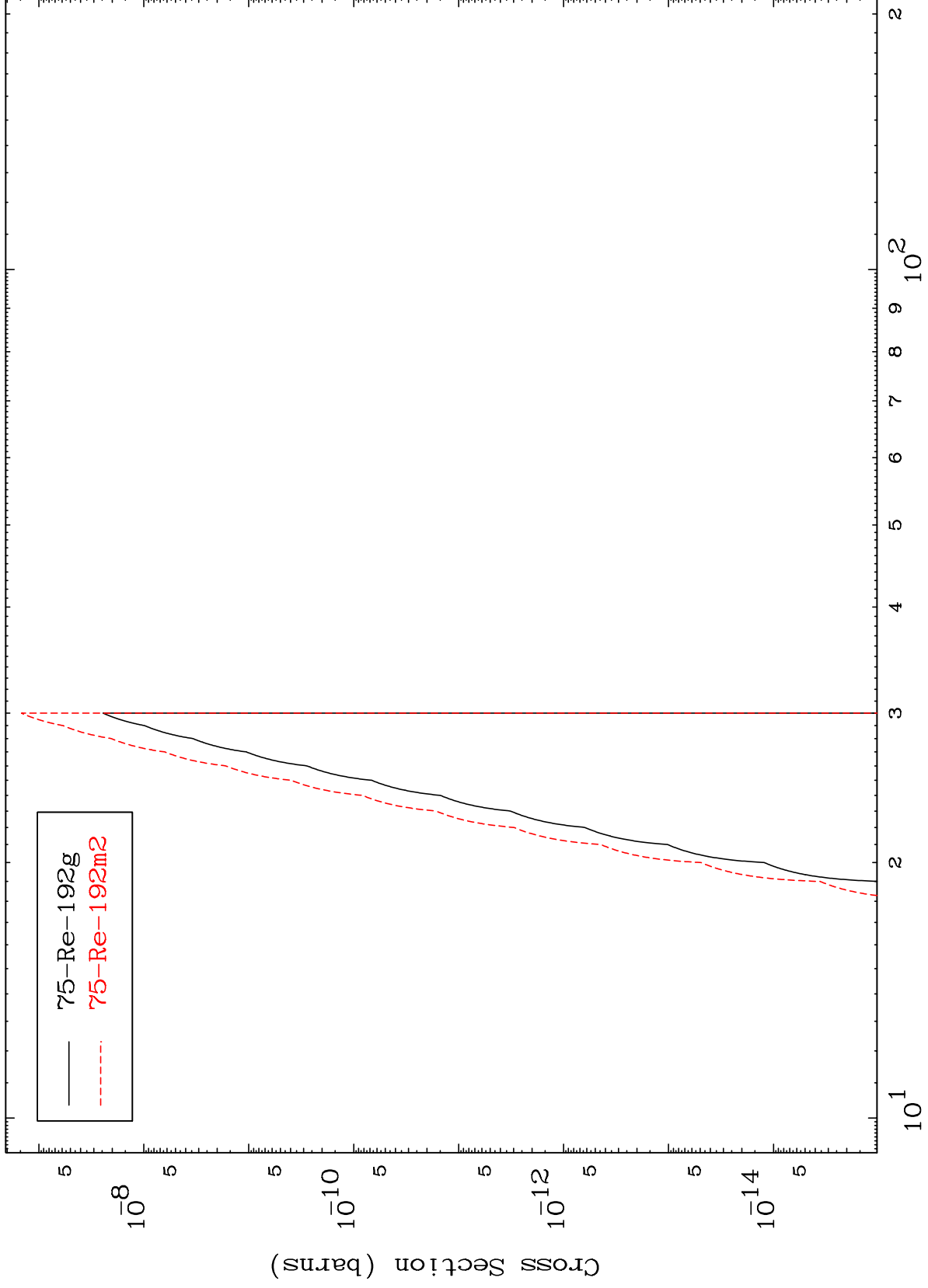
Radionuclide Production Cross Section



MAT 7731

77-Ir-193

(n,2p)
Radionuclide Production Cross Section



152

Incident Energy (MeV)

77-Ir-193