

Program EVALPLOT
(Version 2021-1)

by

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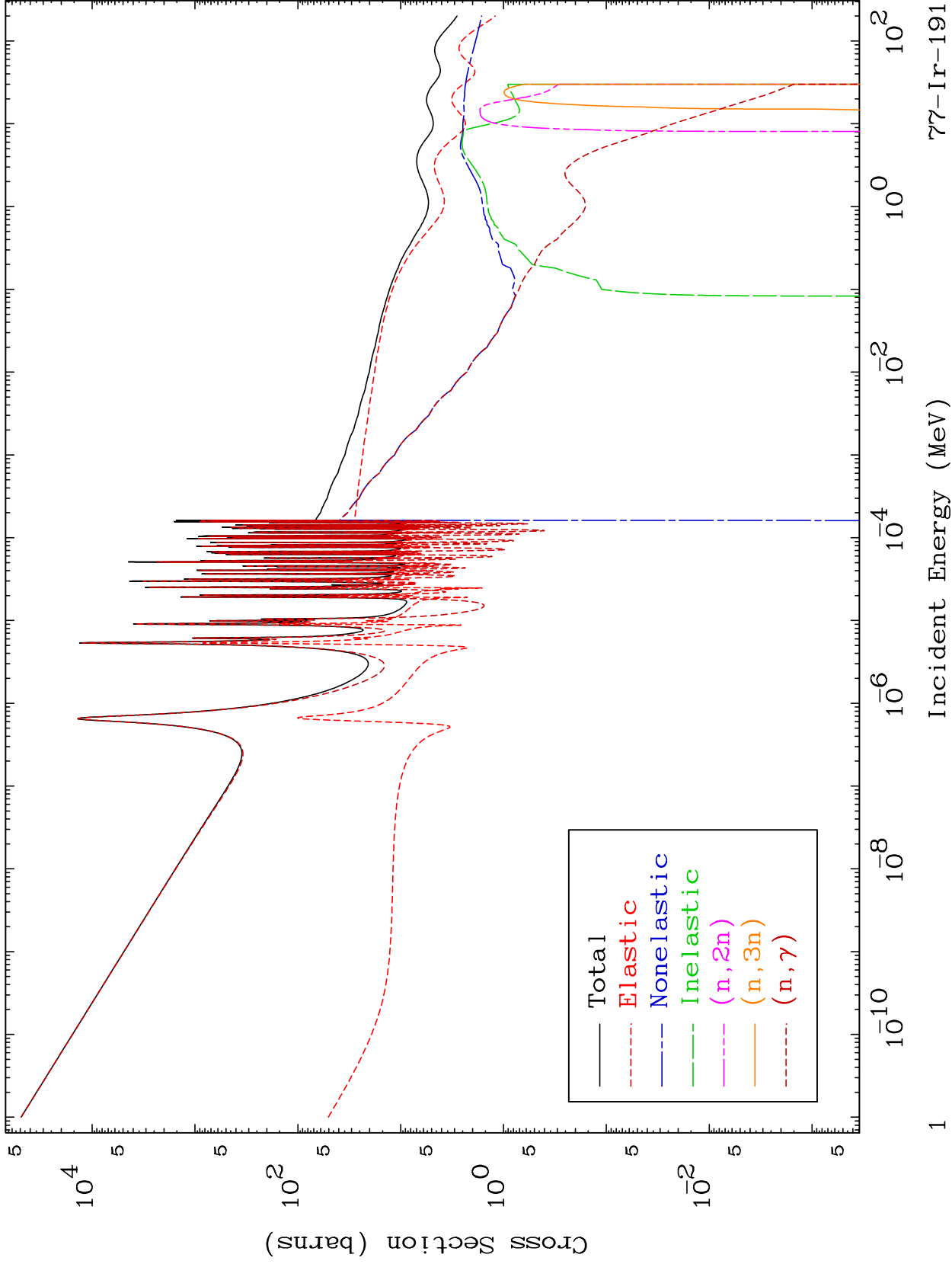
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7725

Neutron Major
293 Kelvin Cross Sections

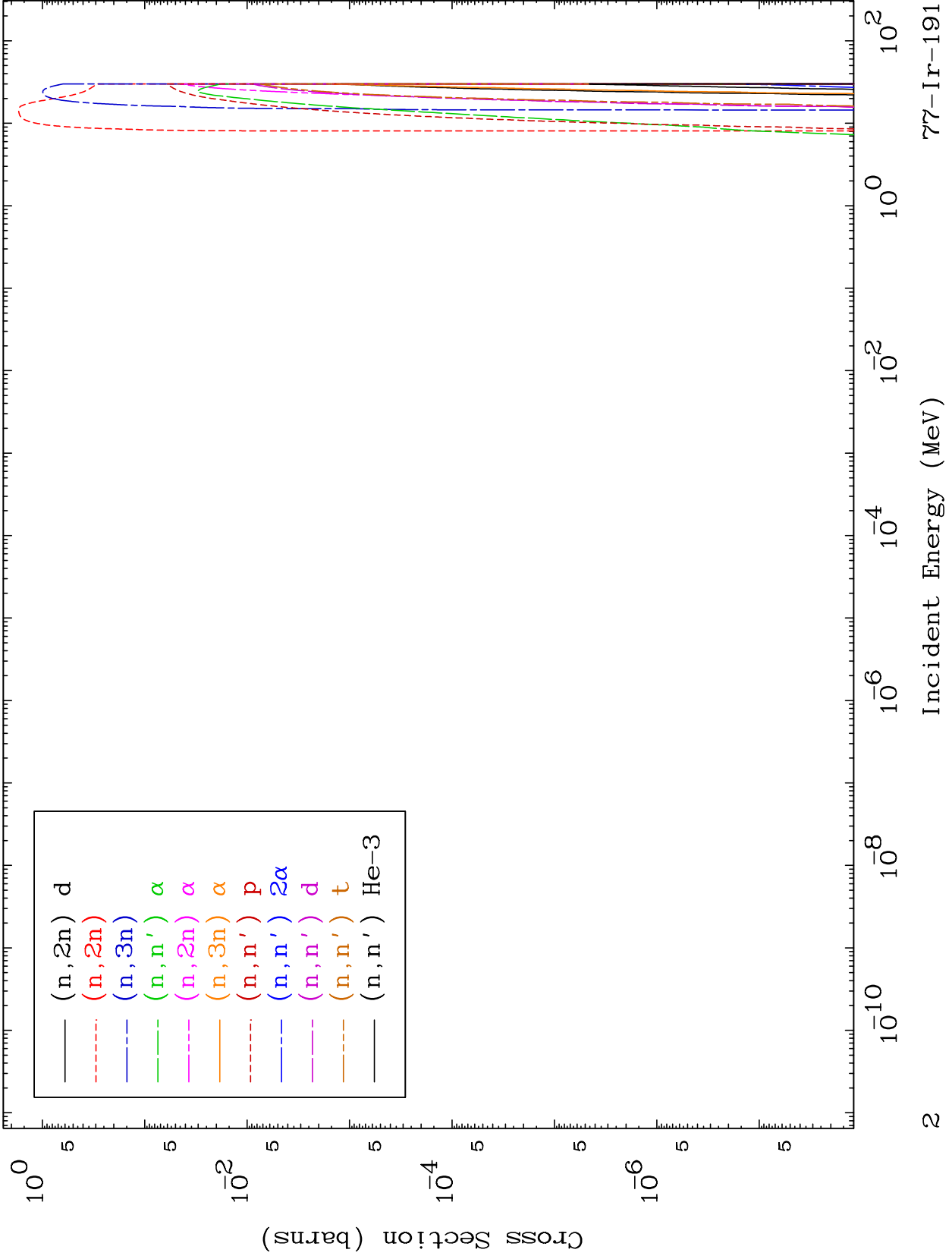
77-Ir-191



MAT 7725

Neutron Absorption
293 Kelvin Cross Sections

77-Ir-191



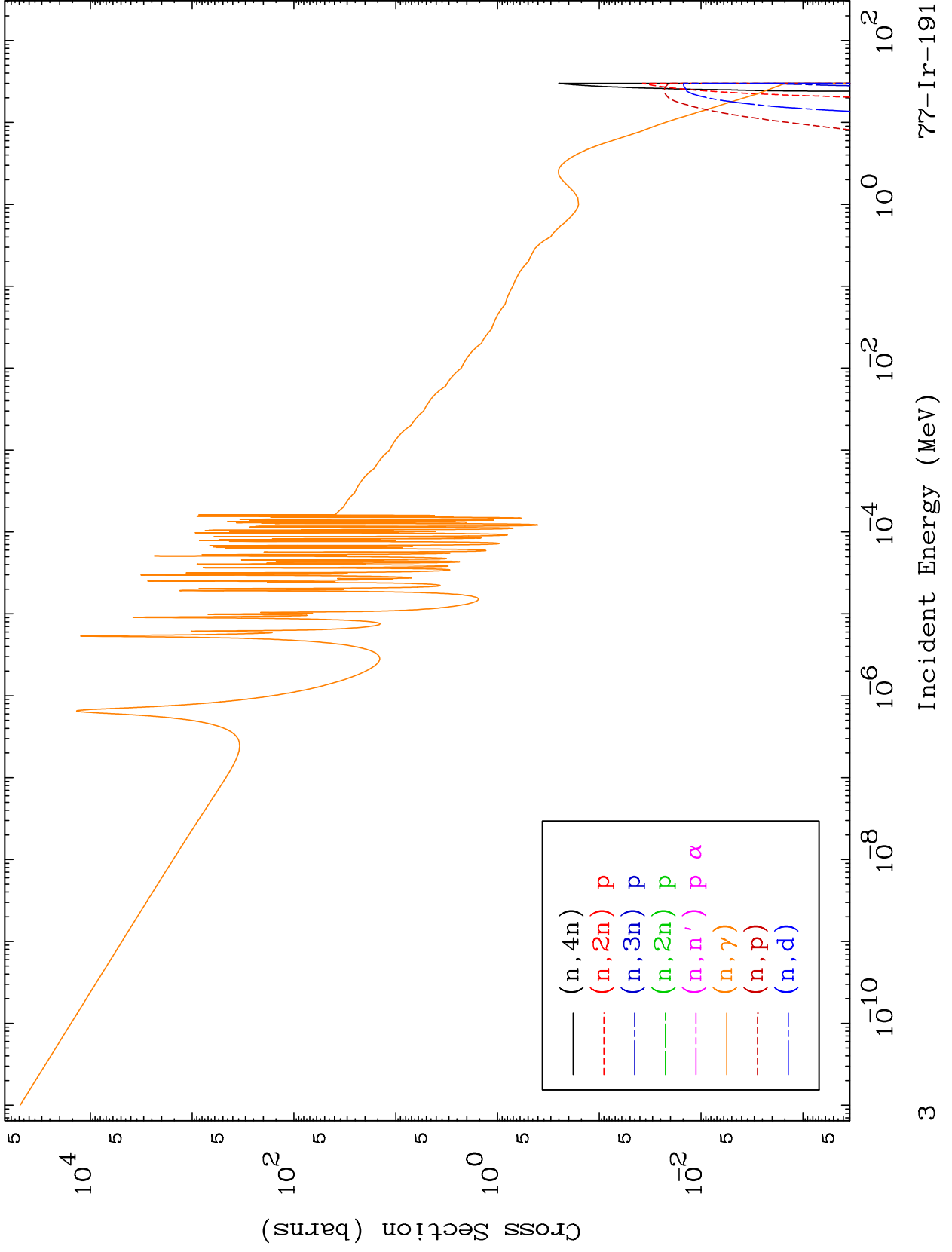
77-Ir-191

Incident Energy (MeV)

MAT 7725

Neutron Absorption
293 Kelvin Cross Sections

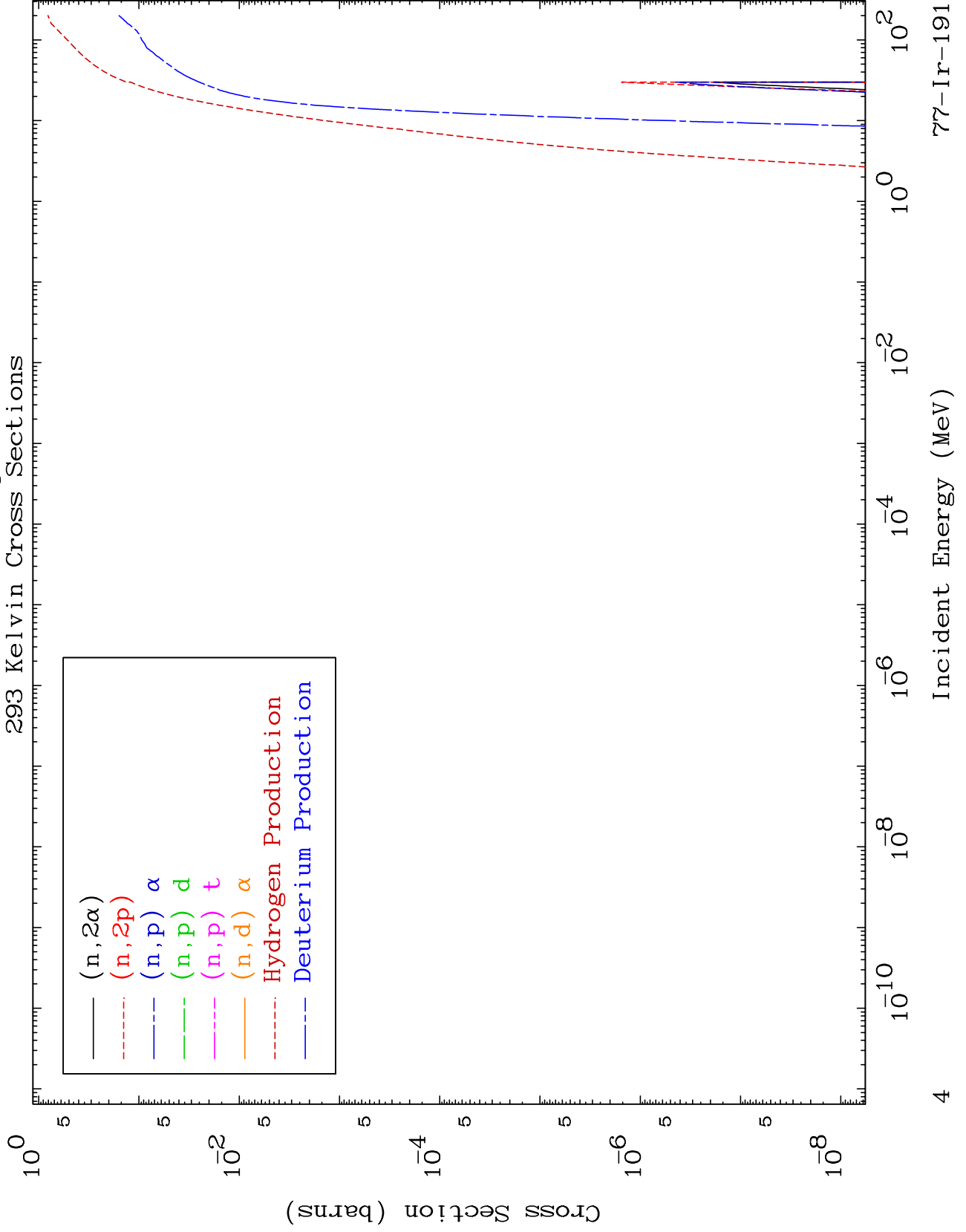
77-Ir-191



MAT 7725

Neutron Absorption
293 Kelvin Cross Sections

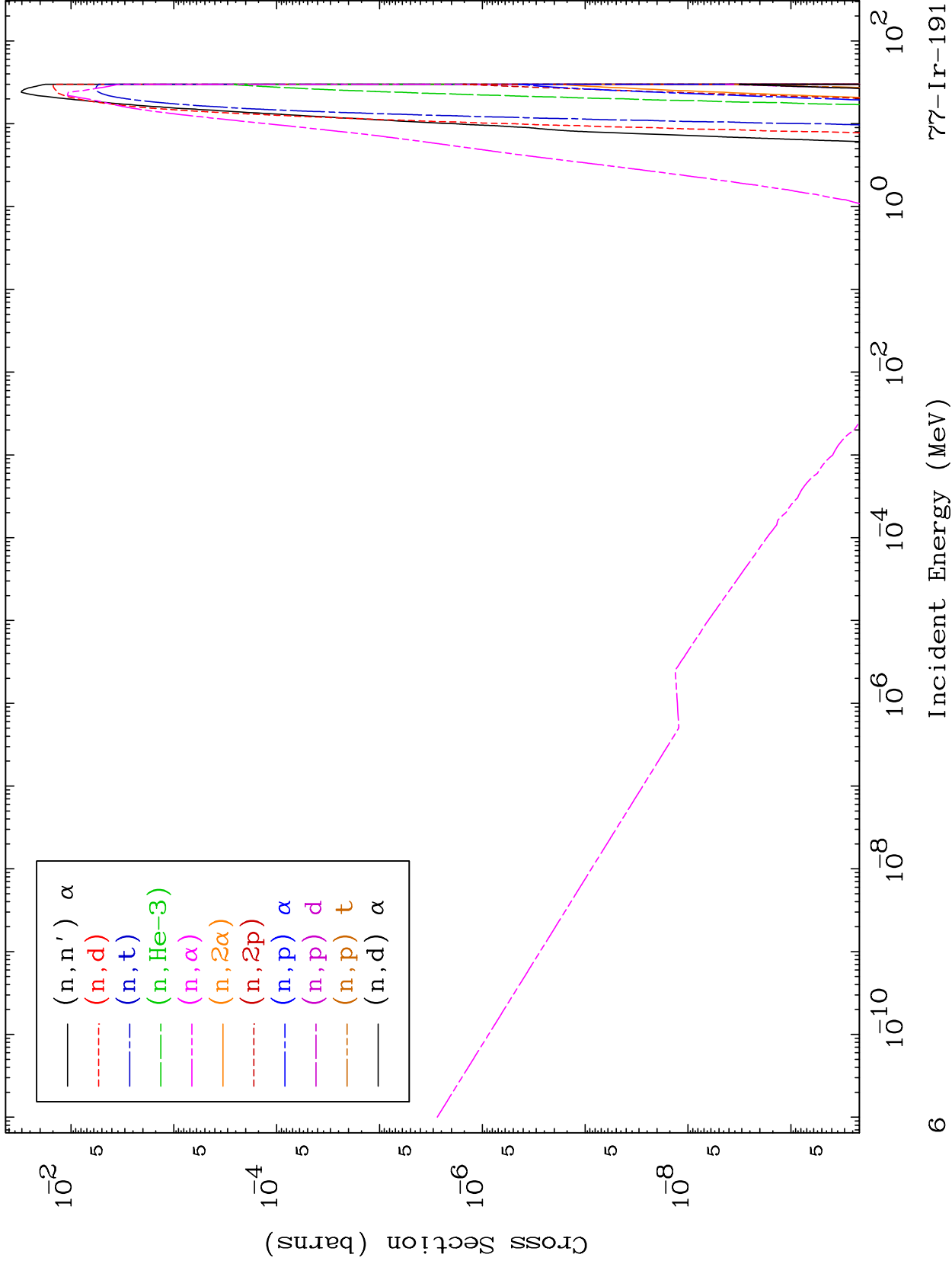
77-Ir-191



MAT 7725

Charged Particle
293 Kelvin Cross Sections

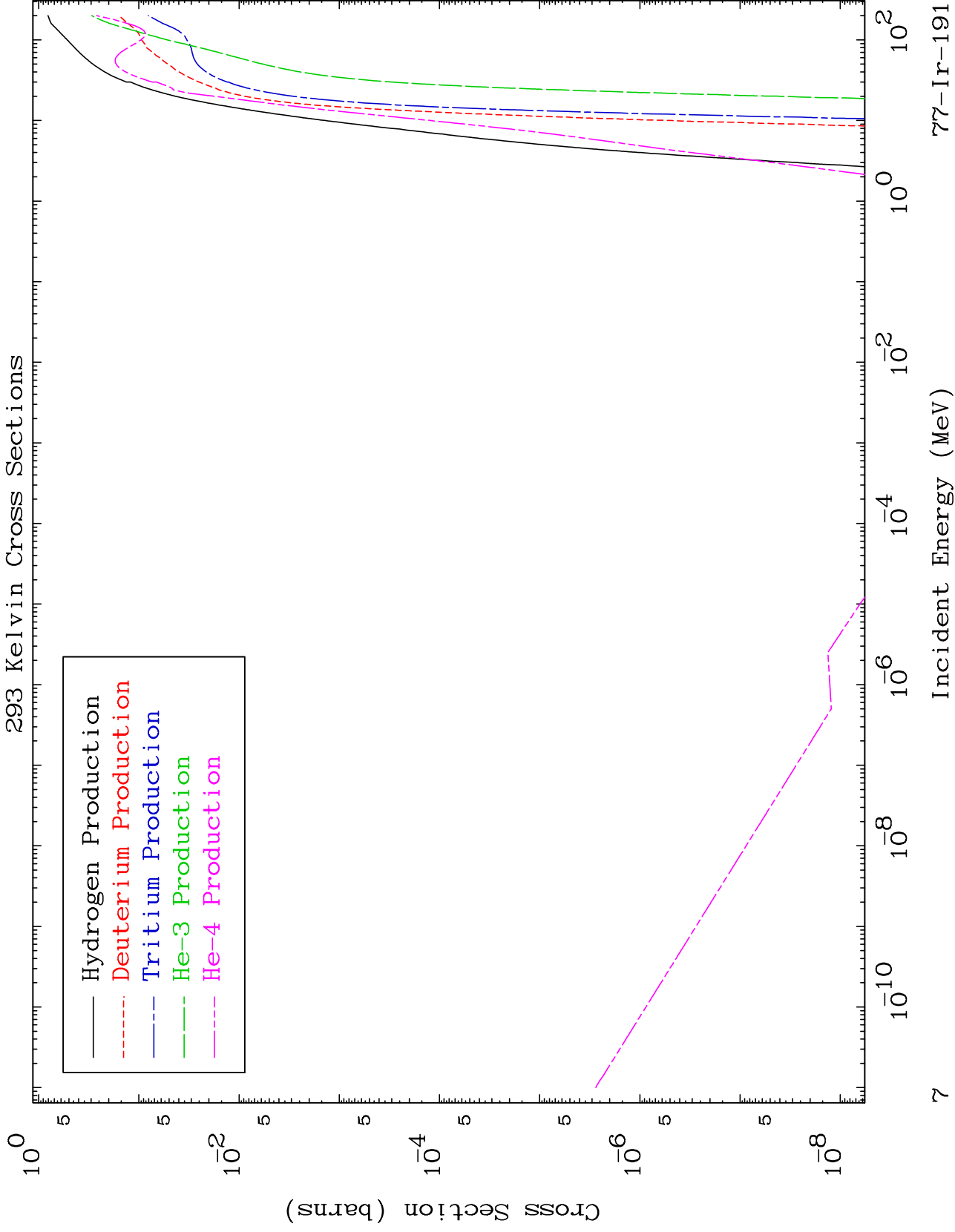
77-Ir-191



MAT 7725

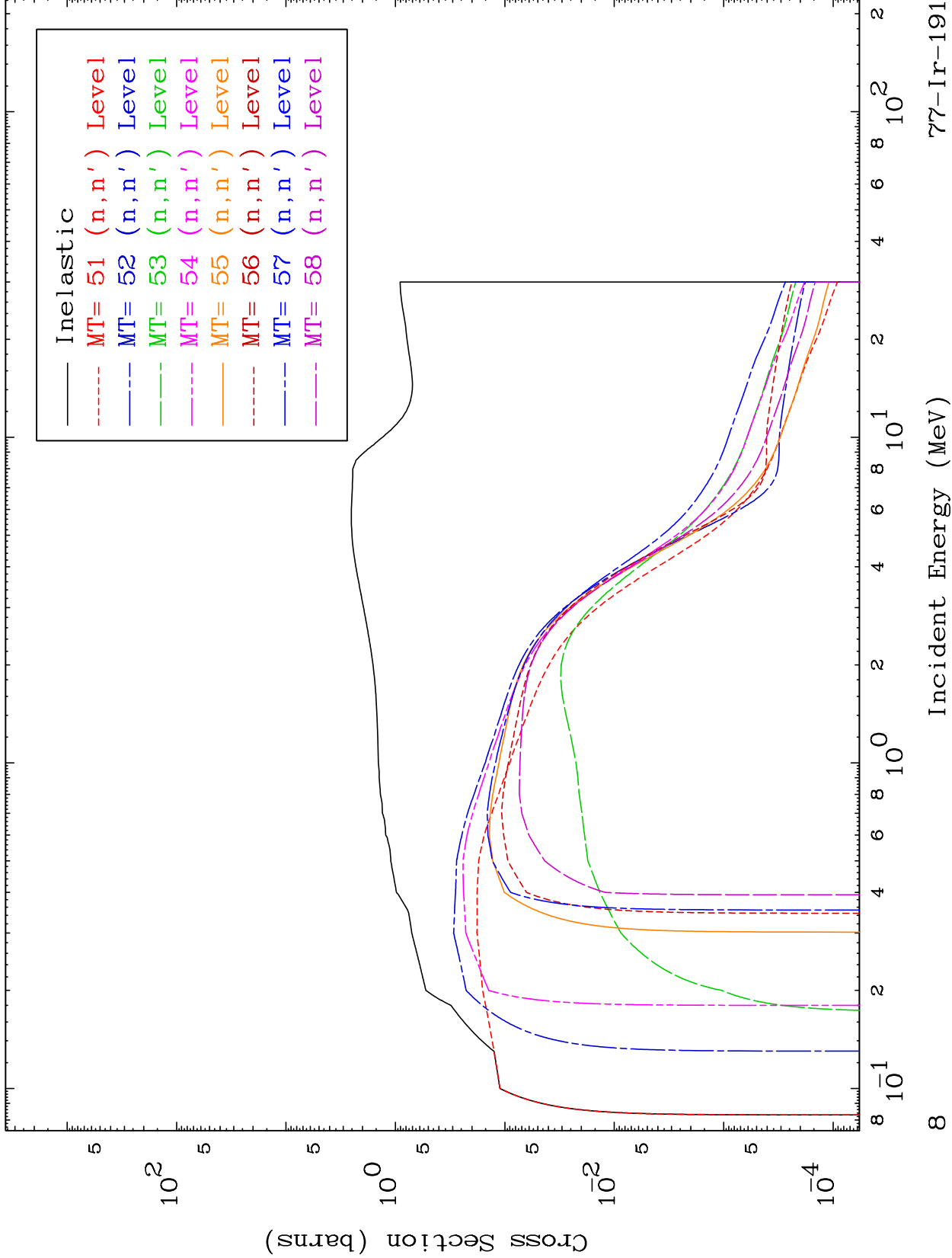
Particle Production
293 Kelvin Cross Sections

77-Ir-191

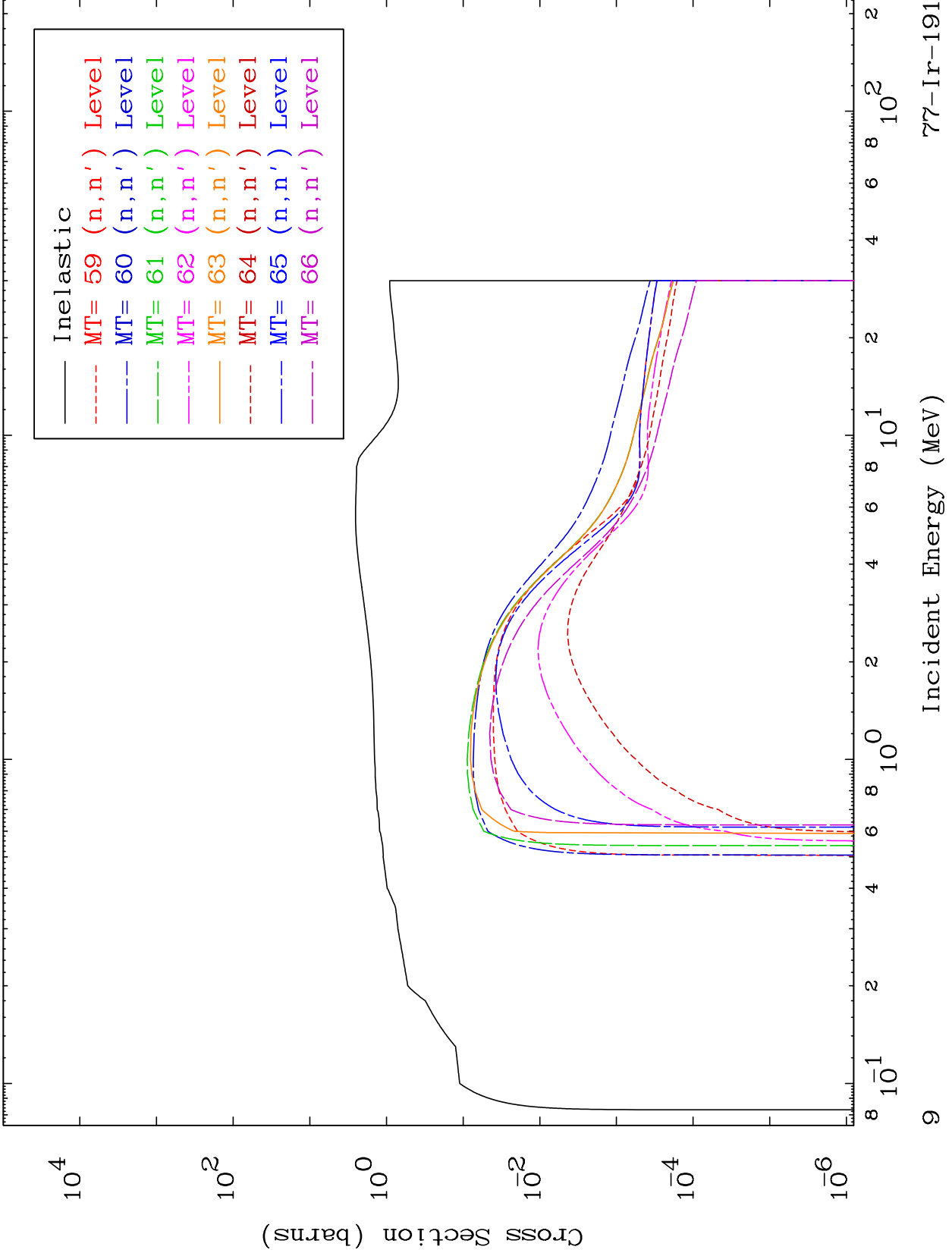


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77-Ir-191



293 Kelvin Cross Sections

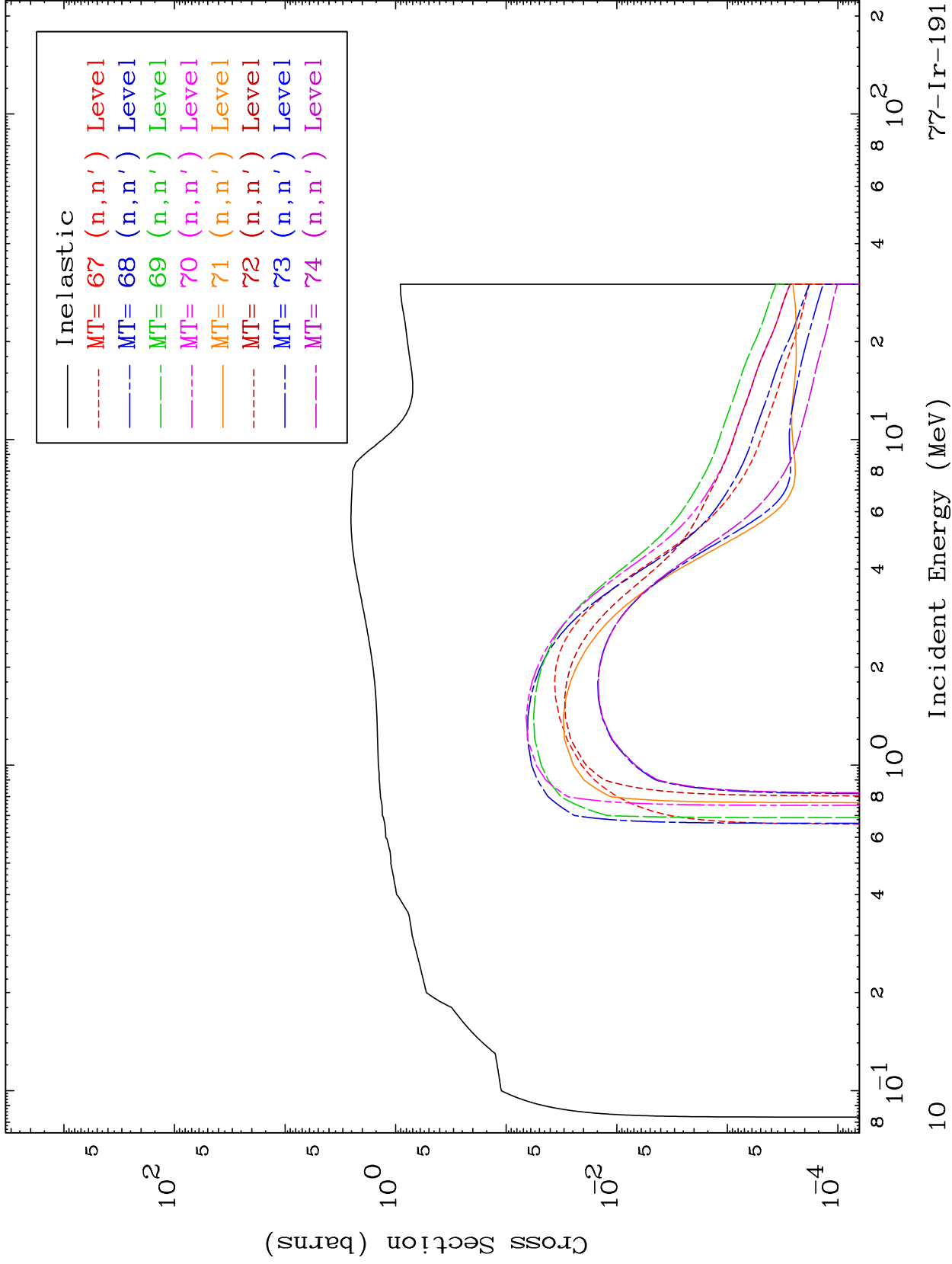


MAT 7725

(n,n') Levels

77-Ir-191

293 Kelvin Cross Sections

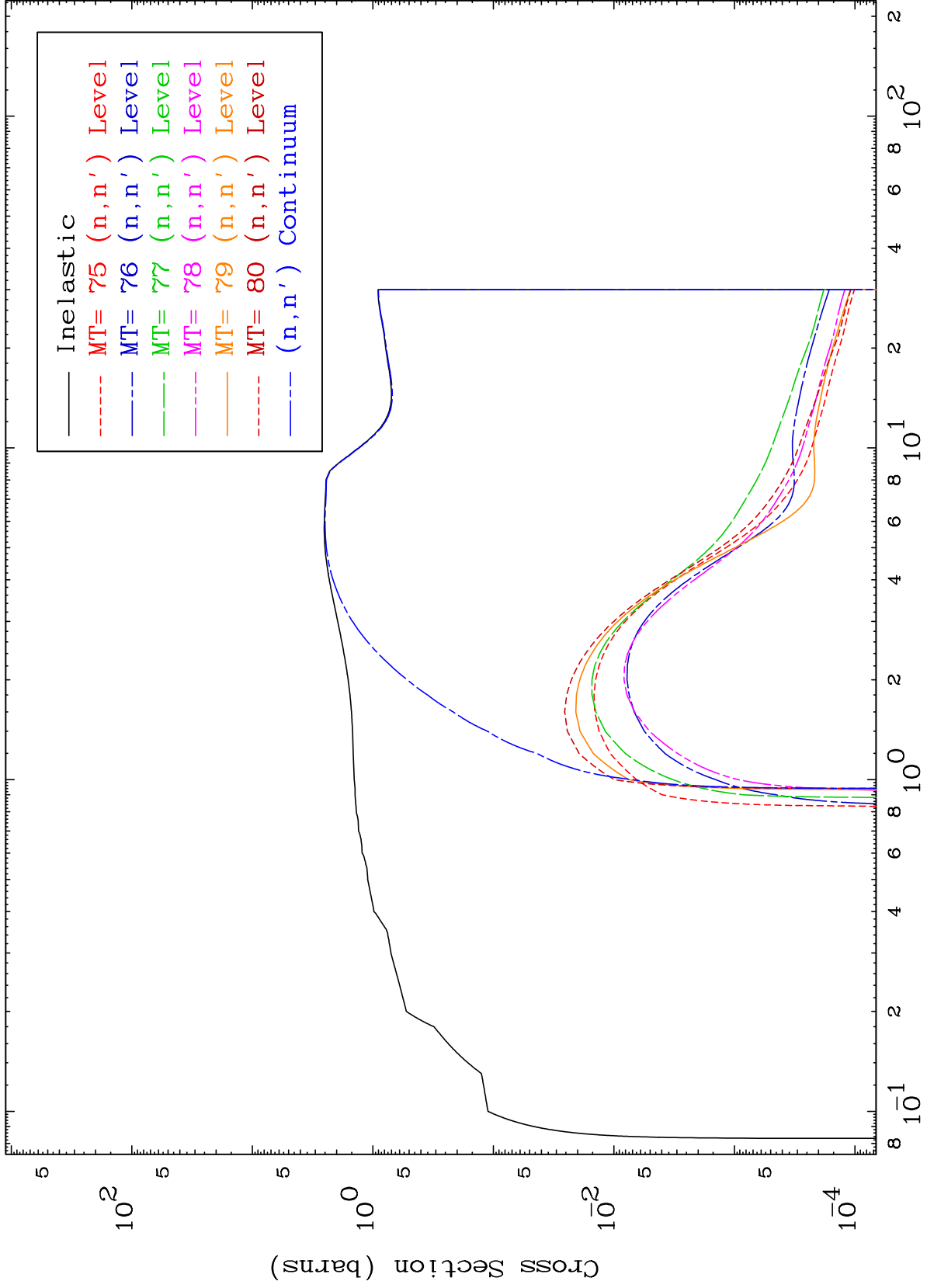


77-Ir-191

Incident Energy (MeV)

10

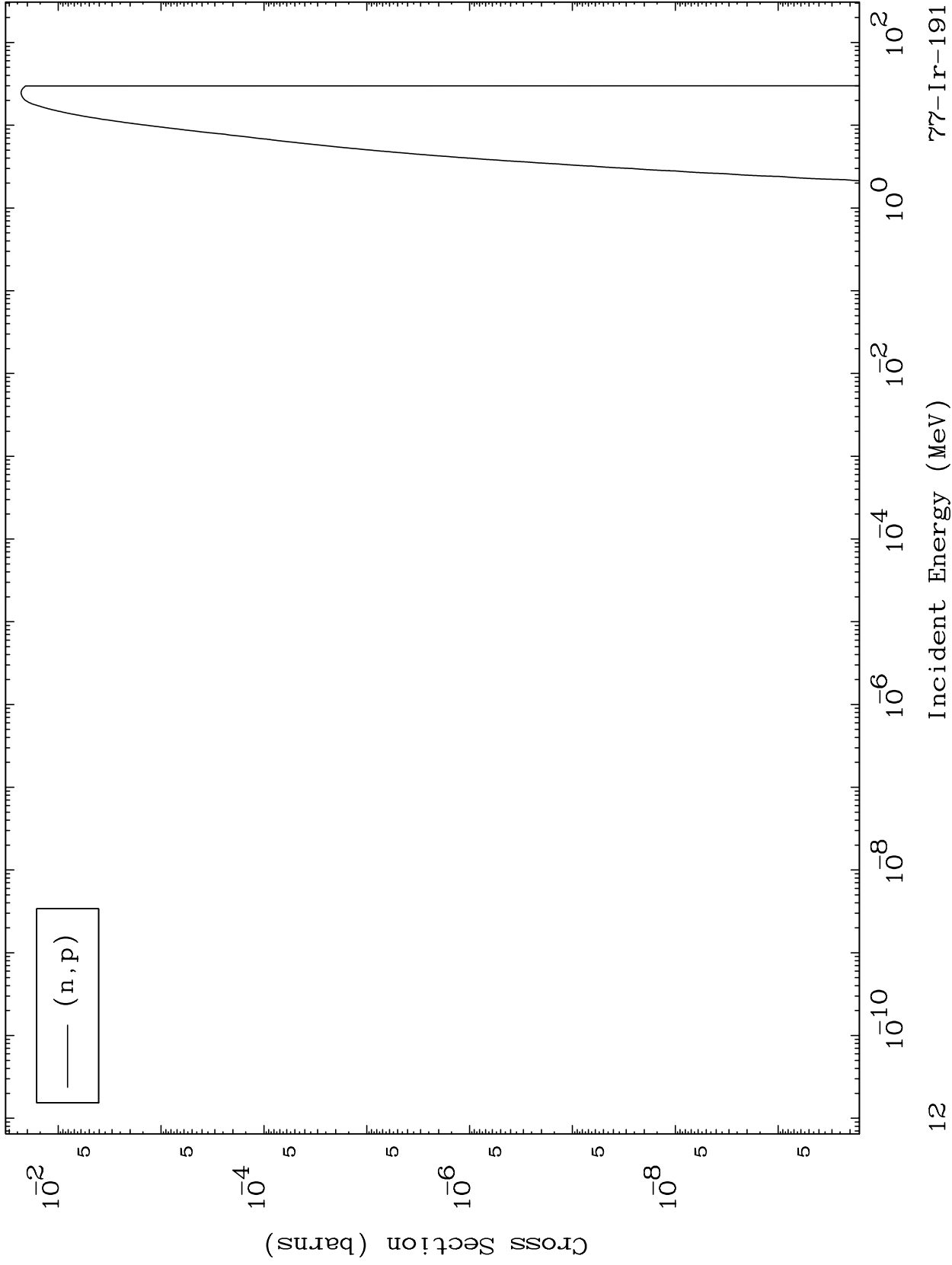
293 Kelvin Cross Sections



MAT 7725

(n,p) Levels
293 Kelvin Cross Sections

77-Ir-191



12

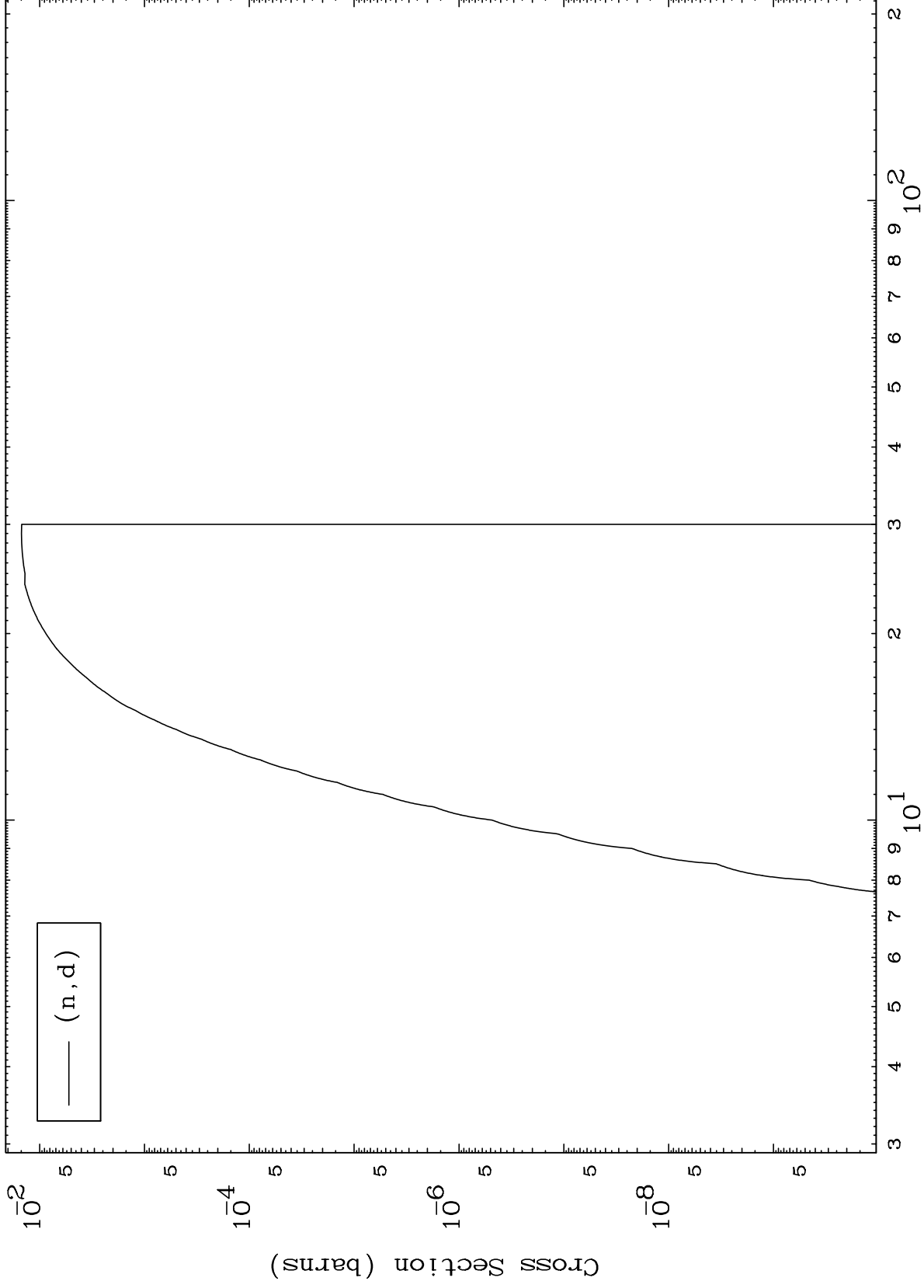
Incident Energy (MeV)

77-Ir-191

MAT 7725

(n,d) Levels
293 Kelvin Cross Sections

77-Ir-191



13

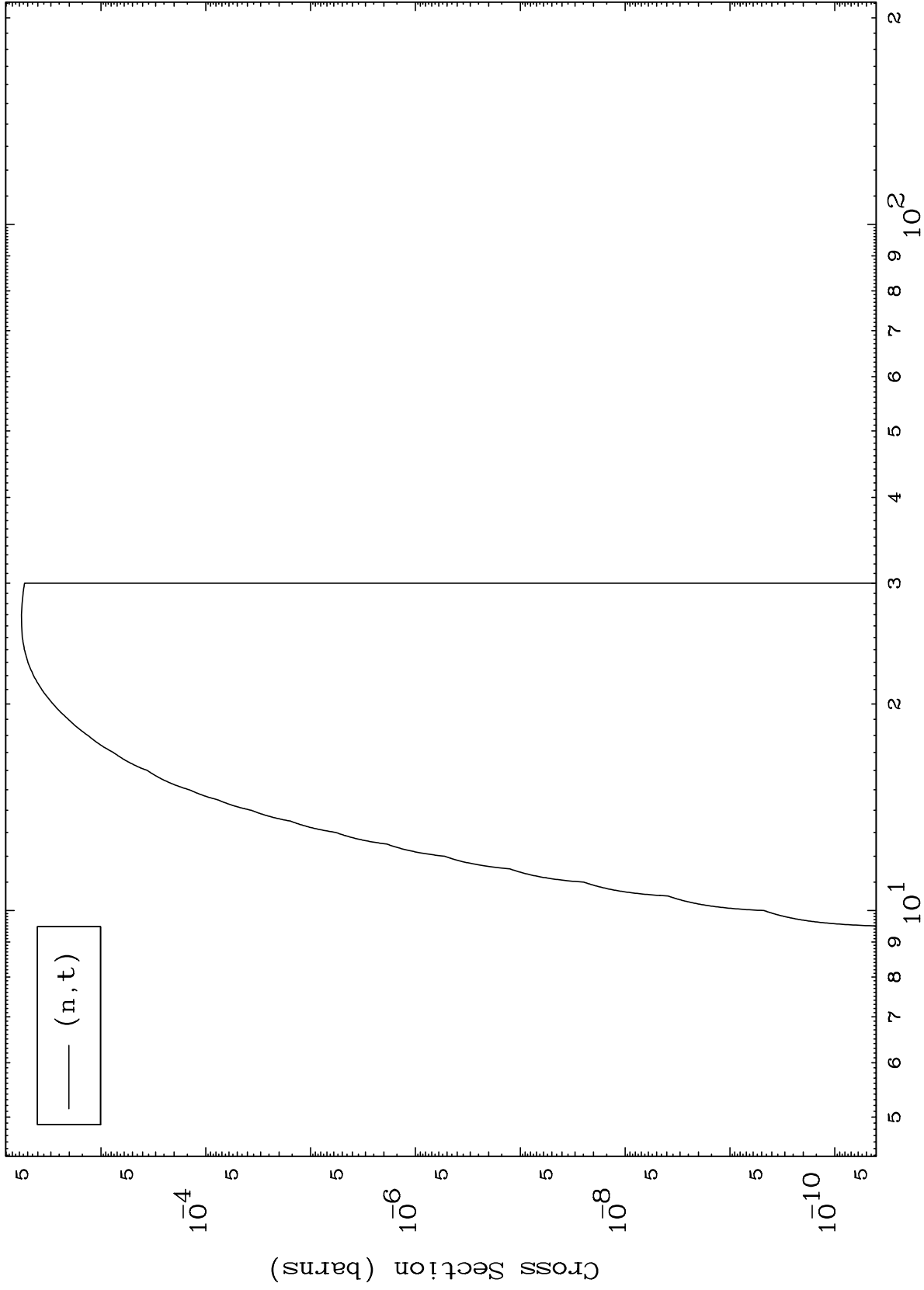
Incident Energy (MeV)

77-Ir-191

MAT 7725

(n,t) Levels
293 Kelvin Cross Sections

77-Ir-191



14

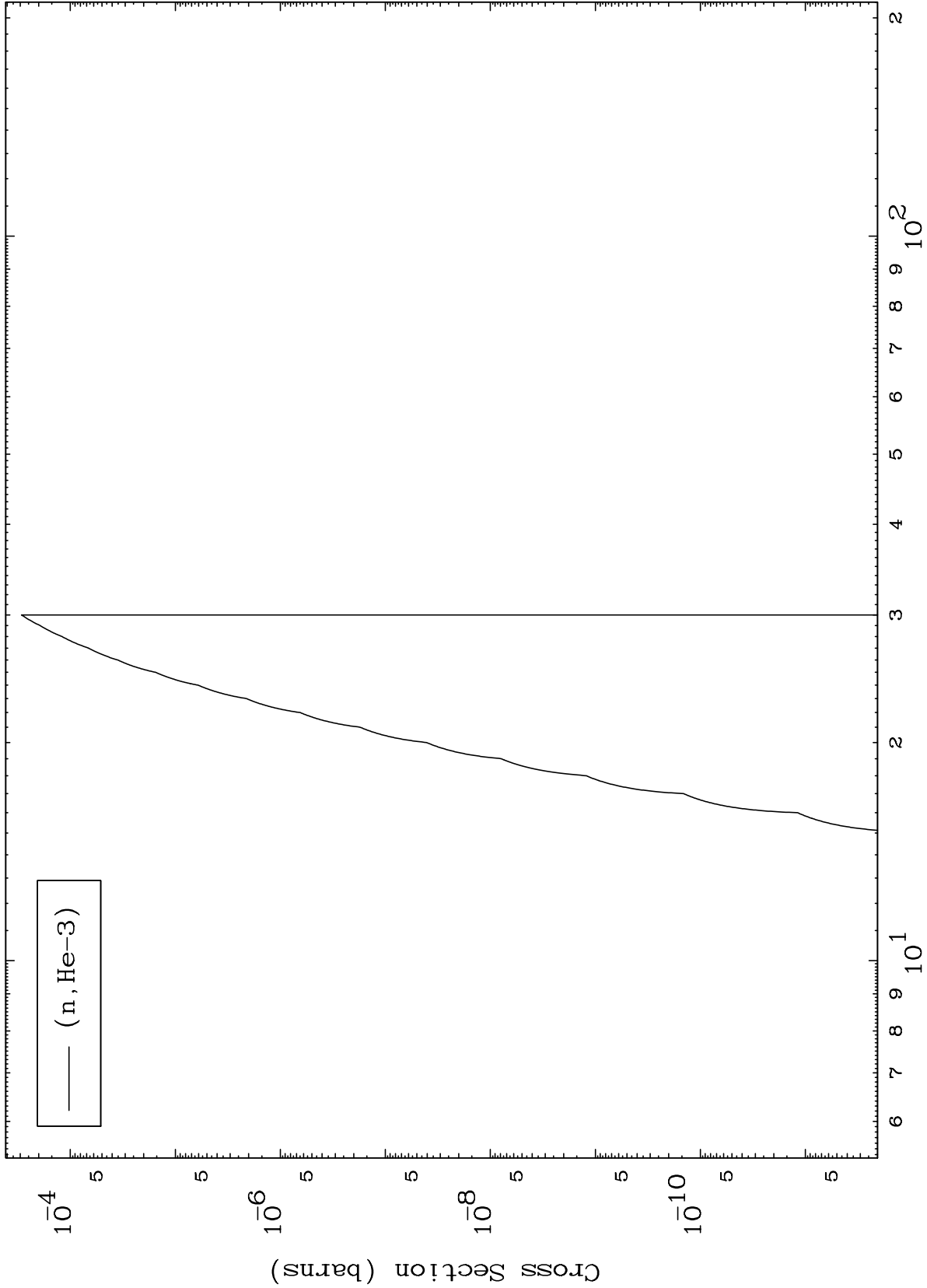
Incident Energy (MeV)

77-Ir-191

MAT 7725

77-Ir-191

(n,He3) Levels
293 Kelvin Cross Sections



15

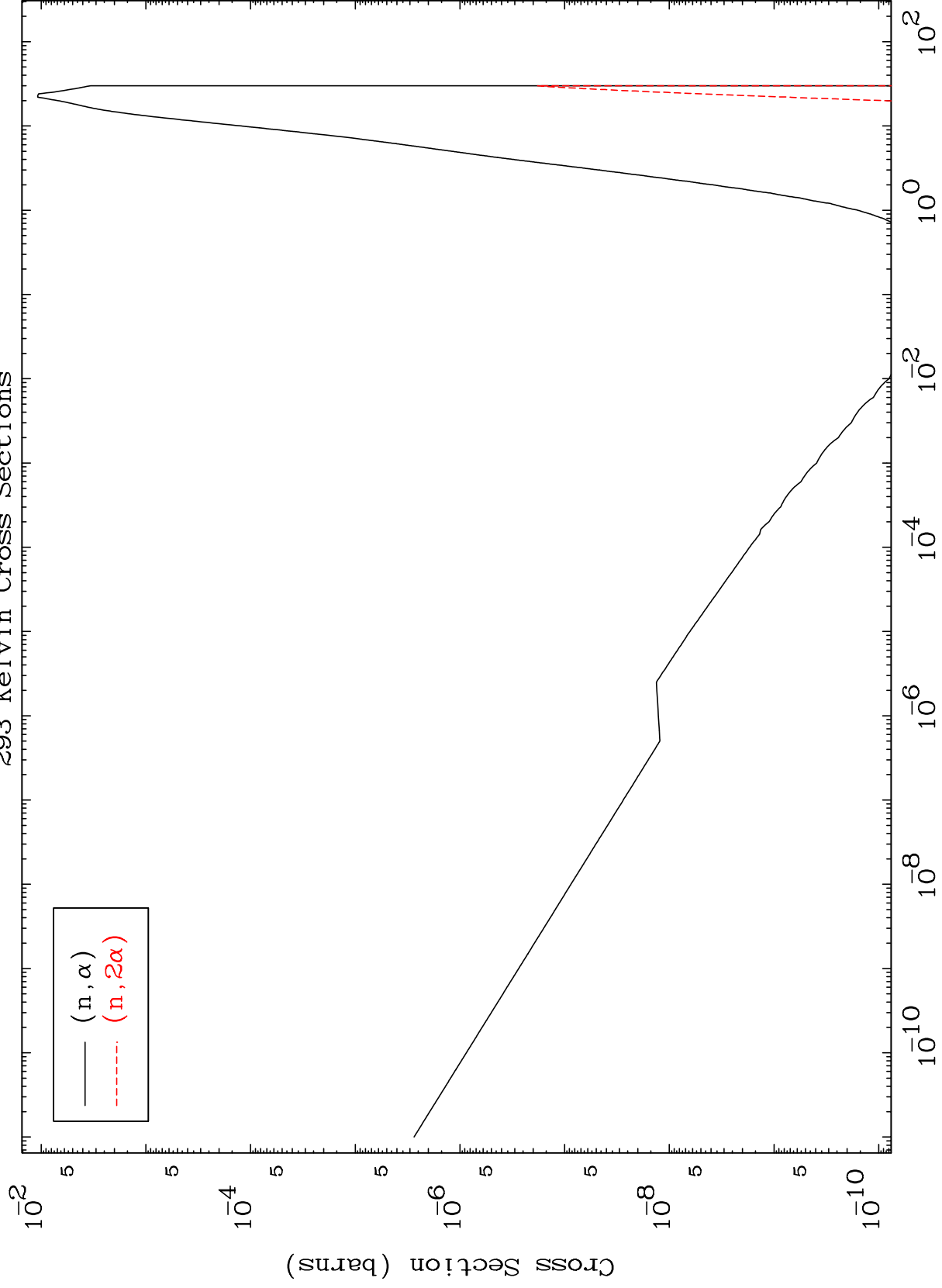
77-Ir-191

Incident Energy (MeV)

MAT 7725

(n, α) Levels
293 Kelvin Cross Sections

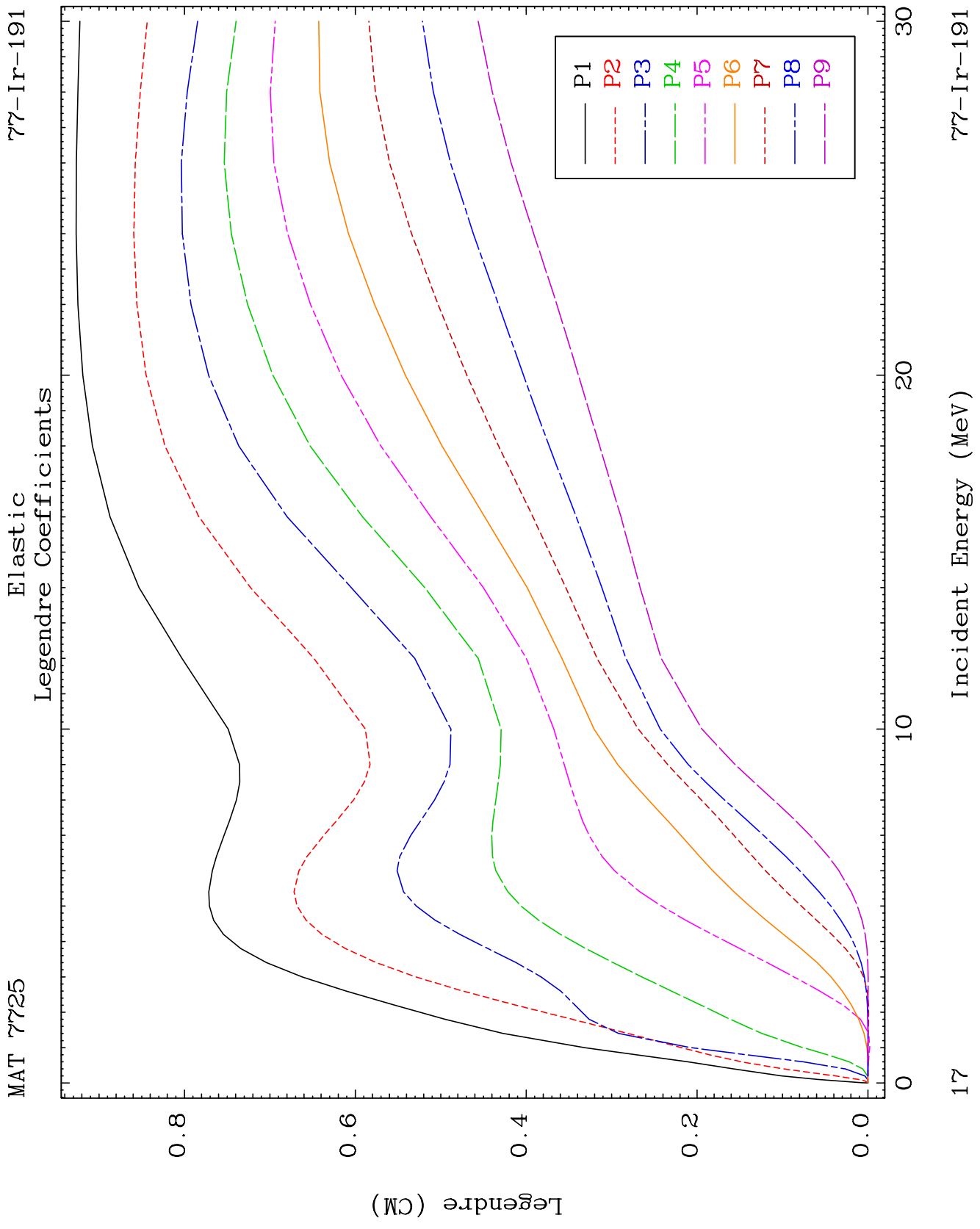
⁷⁷Ir-191



16

Incident Energy (MeV)

⁷⁷Ir-191



77-Ir-191

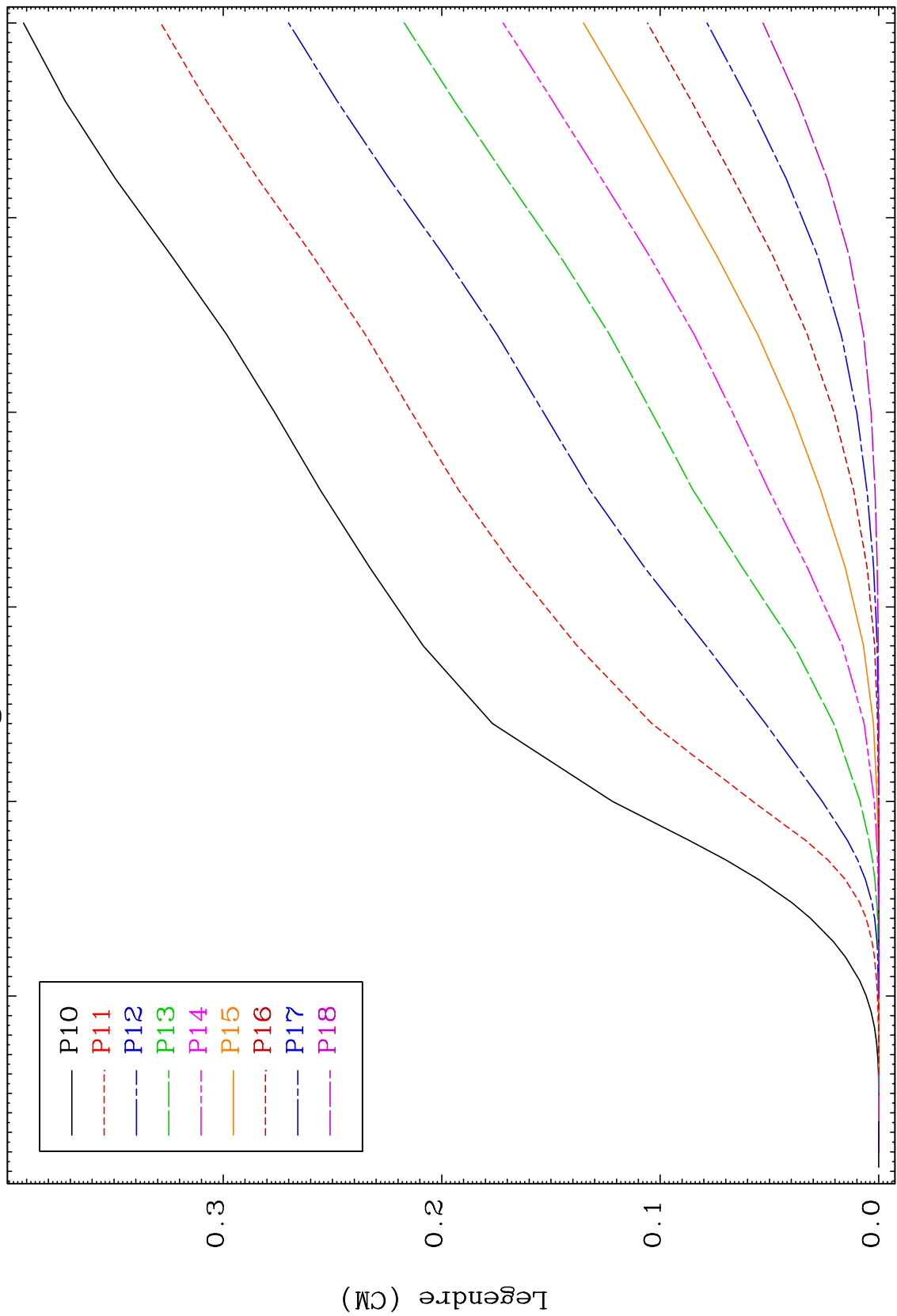
Incident Energy (MeV)

17

MAT 7725

Elastic Legendre Coefficients

77-Ir-191



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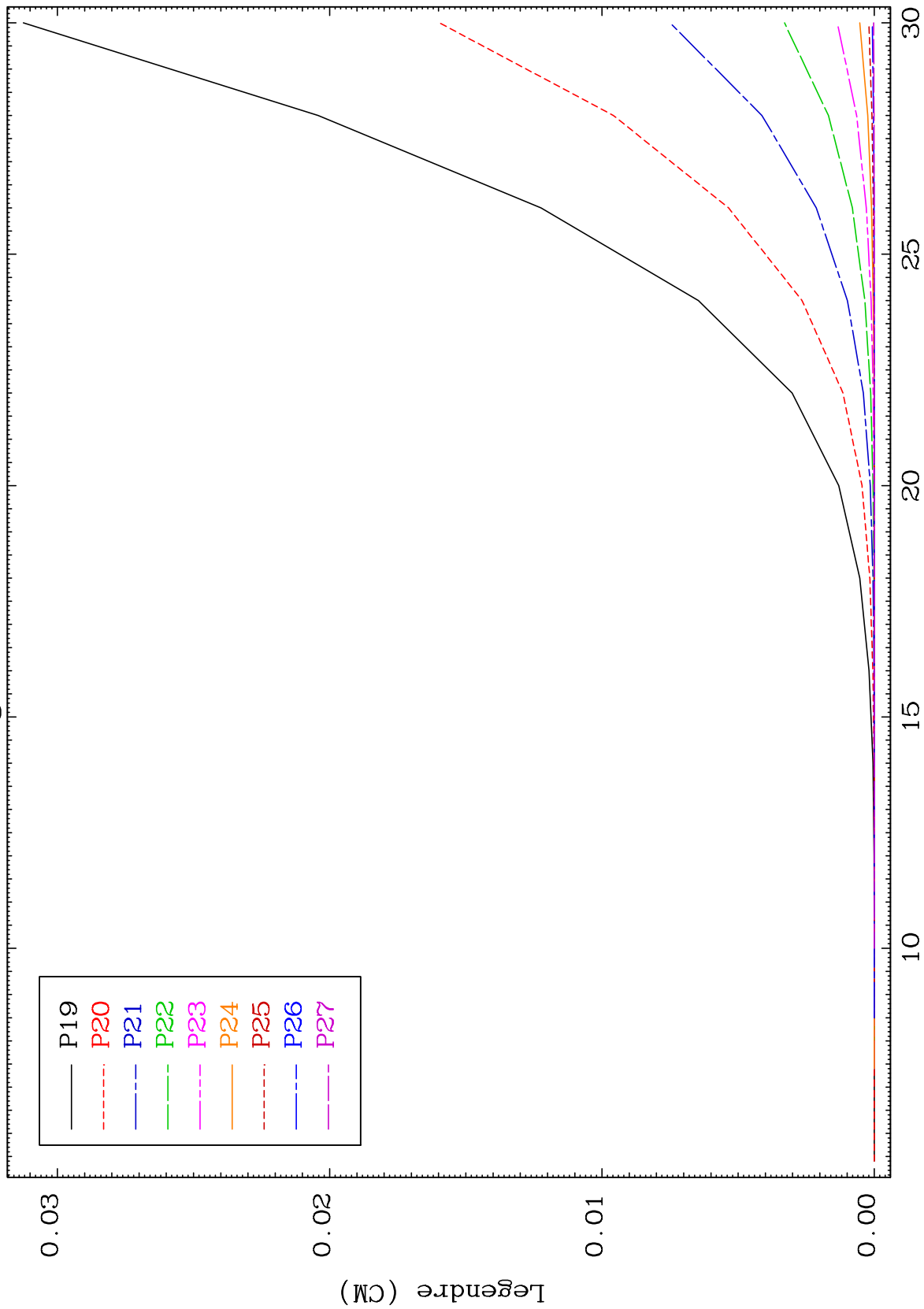
77-Ir-191

Incident Energy (MeV)

MAT 7725

Elastic Legendre Coefficients

77-Ir-191



19

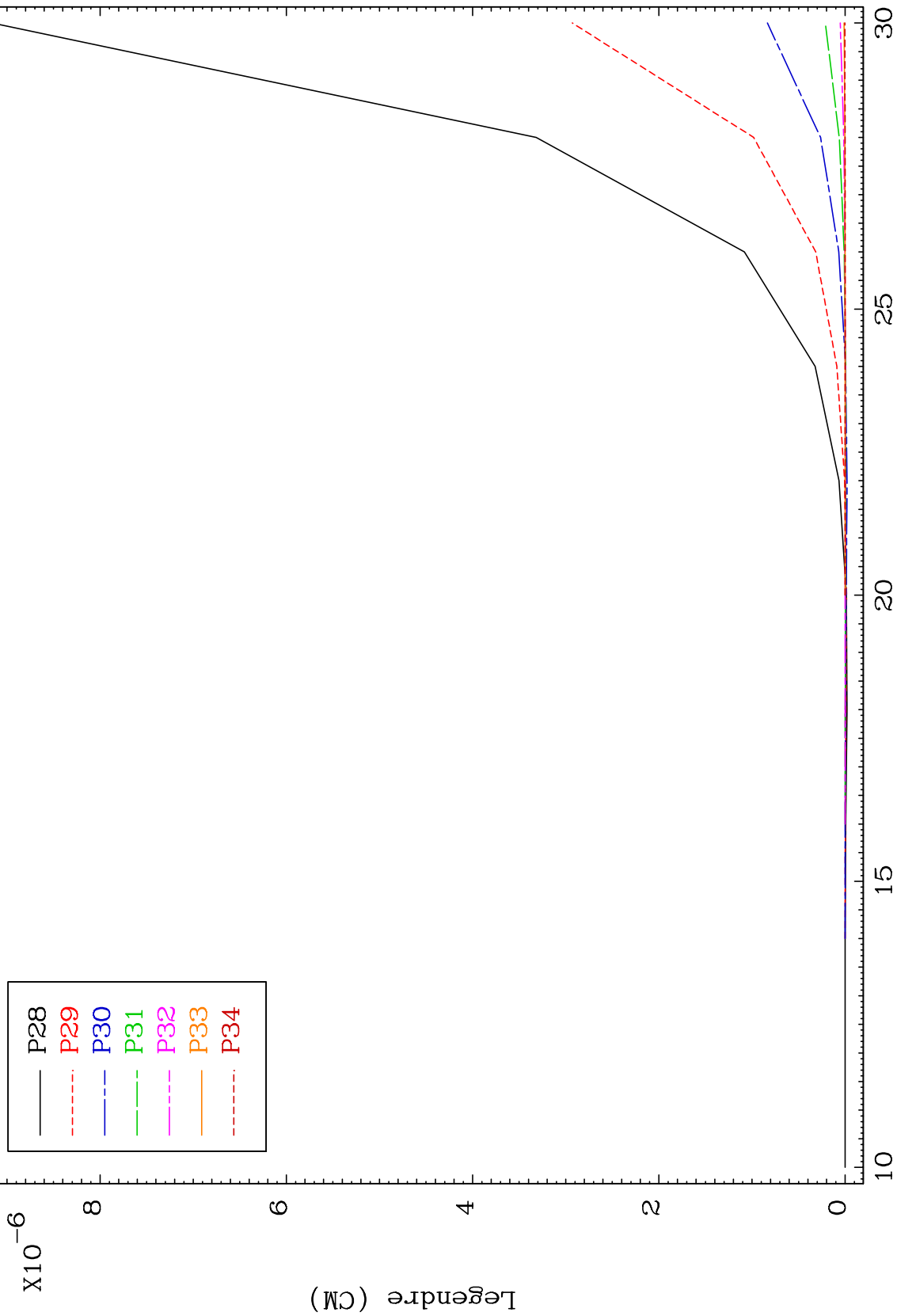
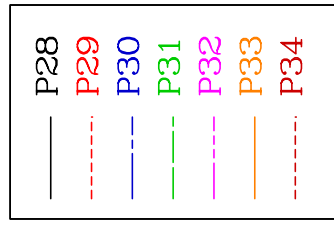
Incident Energy (MeV)

77-Ir-191

MAT 7725

Elastic
Legendre Coefficients

77-Ir-191



20

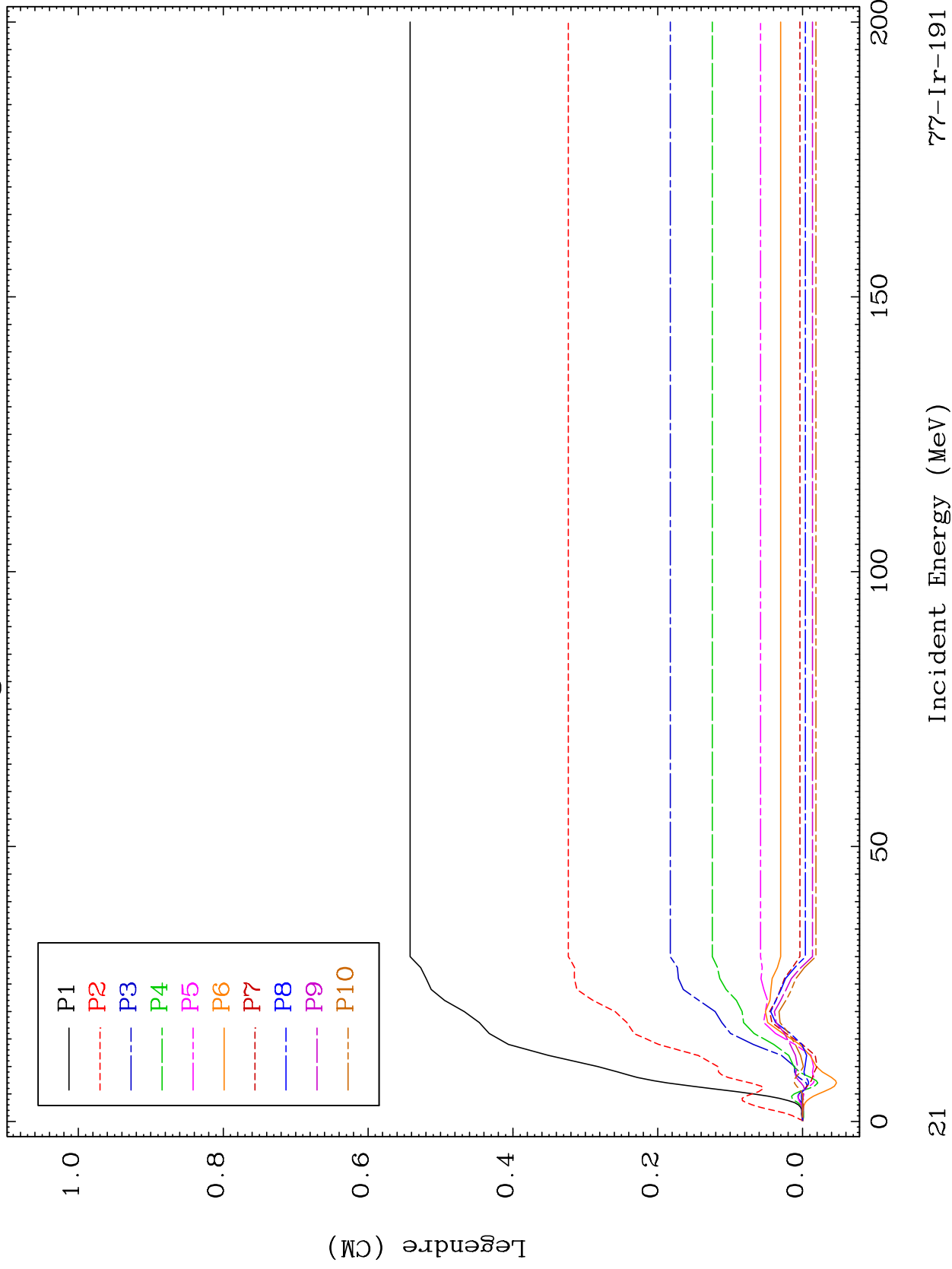
Incident Energy (MeV)

77-Ir-191

MAT 7725

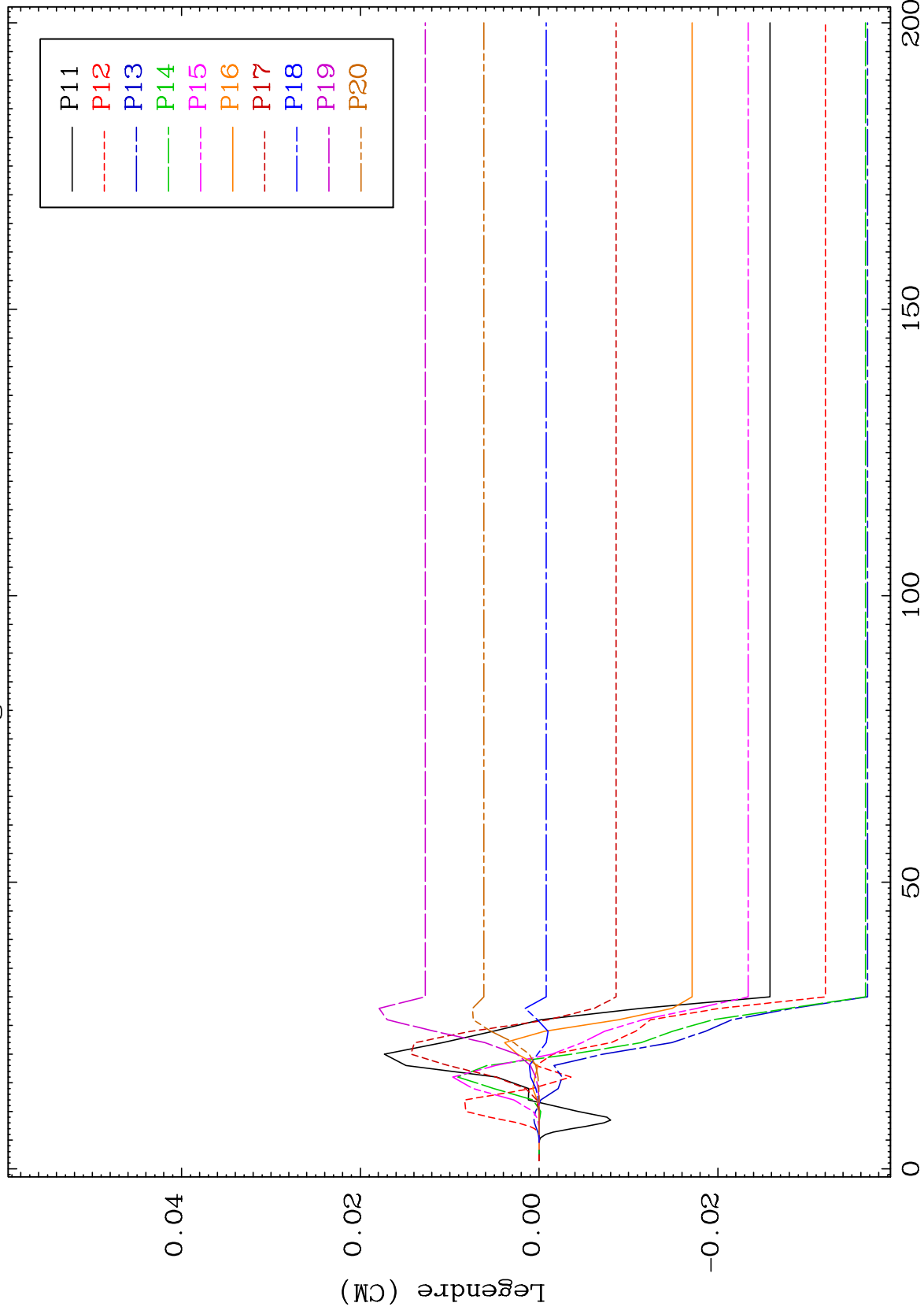
MT= 51 (n,n') Level
Legendre Coefficients

77-Ir-191



21

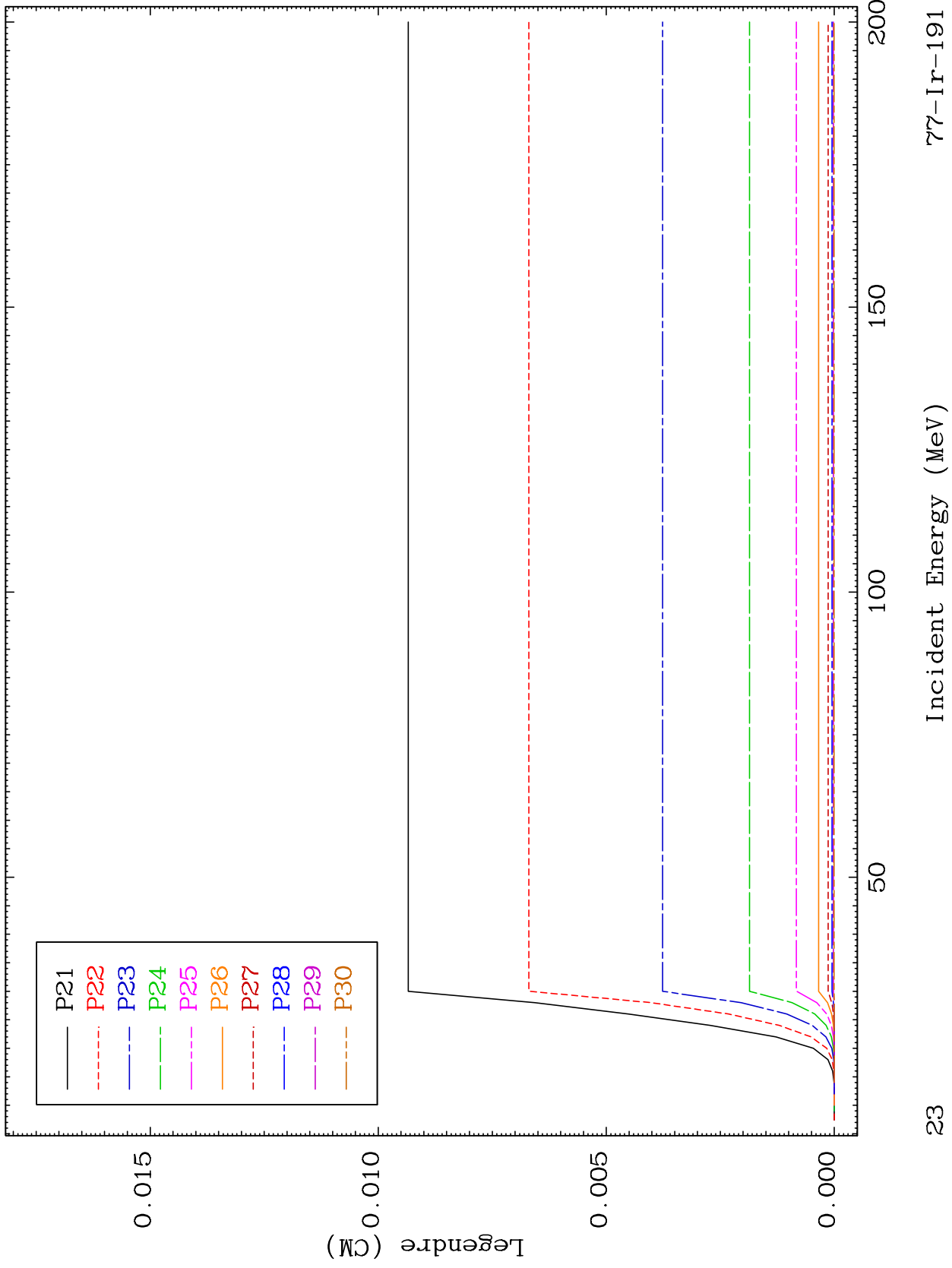
77-Ir-191



MAT 7725

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

77-Ir-191



23

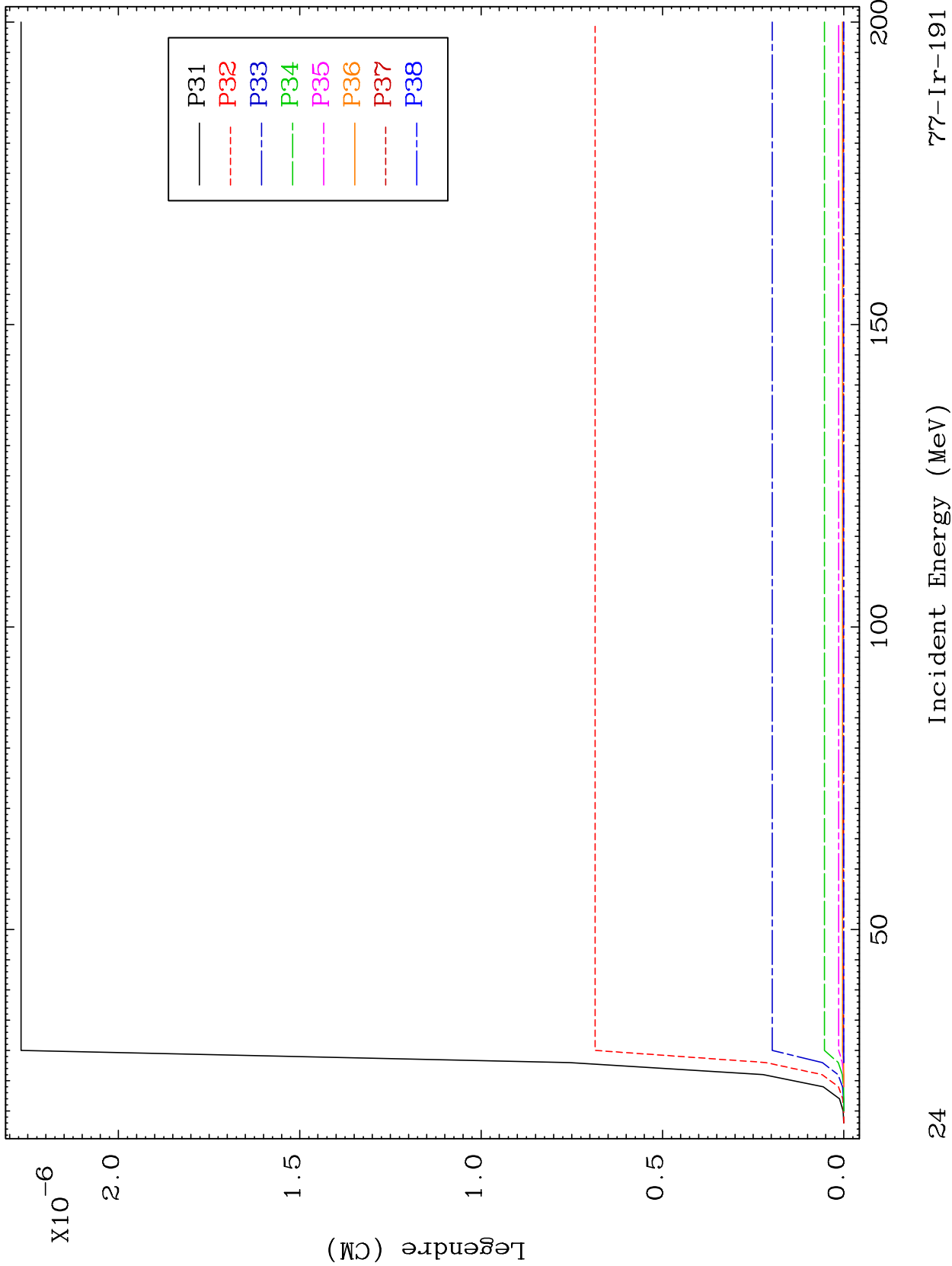
Incident Energy (MeV)

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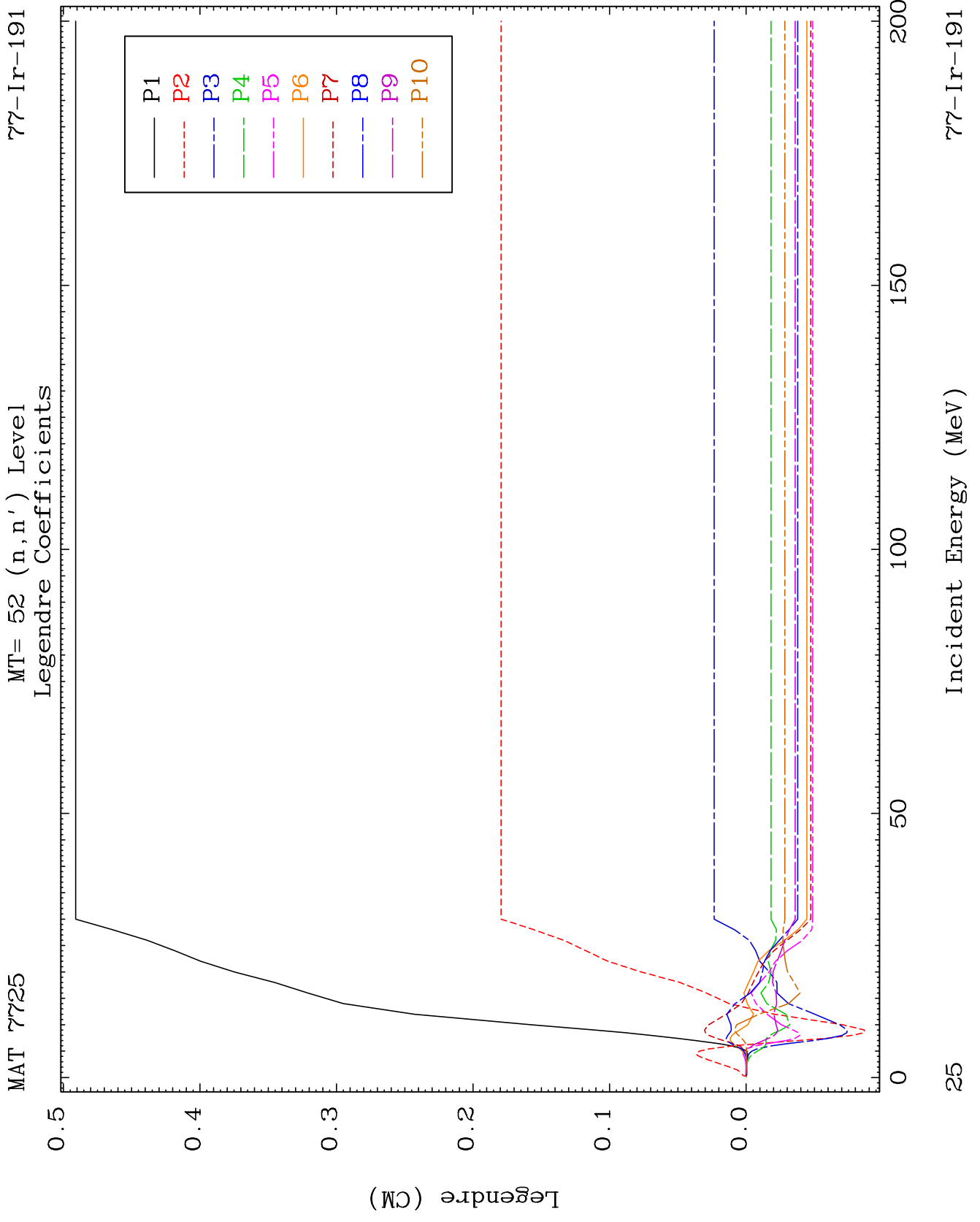
MAT 7725

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

77-Ir-191



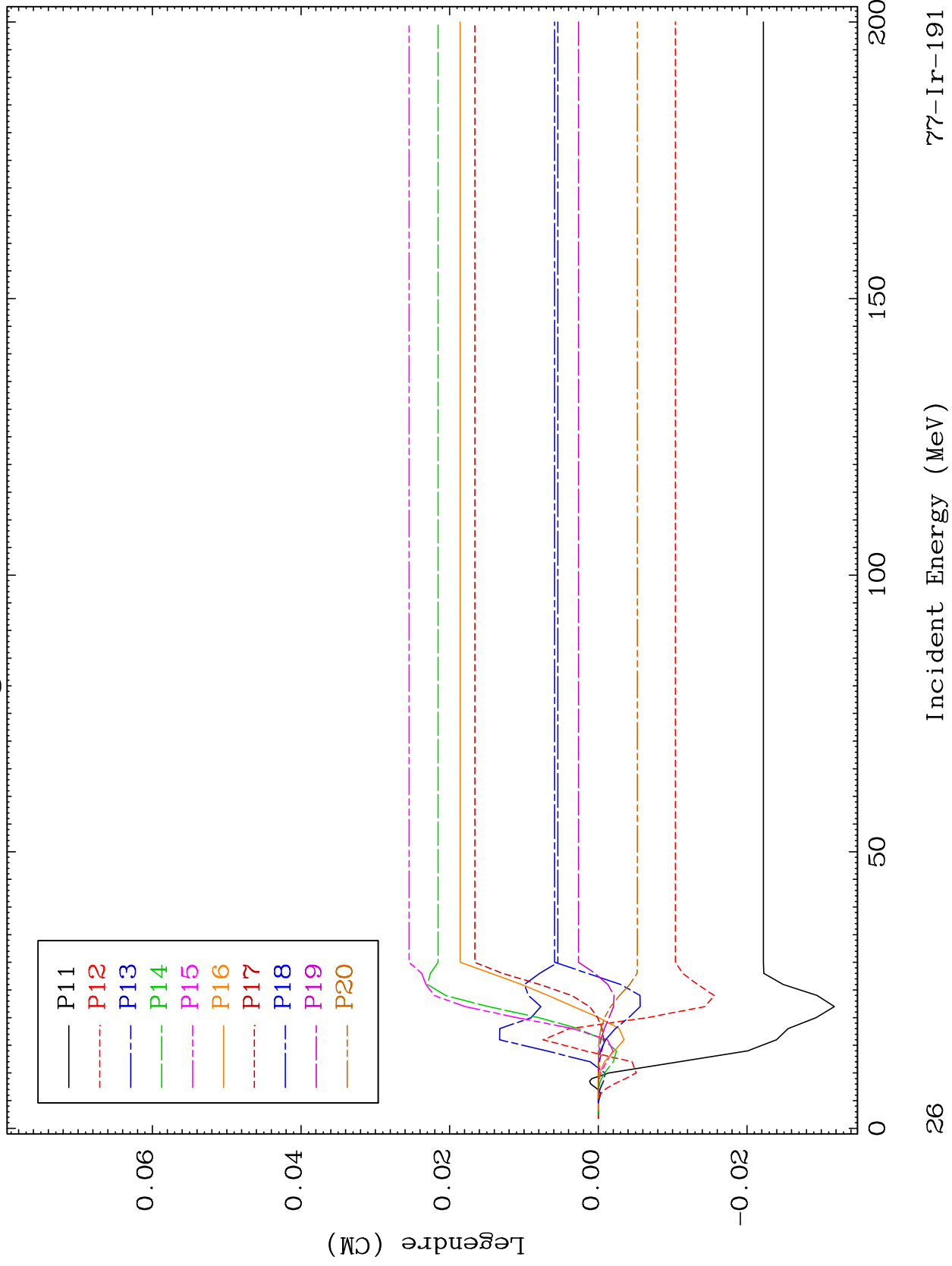
24



MAT 7725

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

77-Ir-191



26

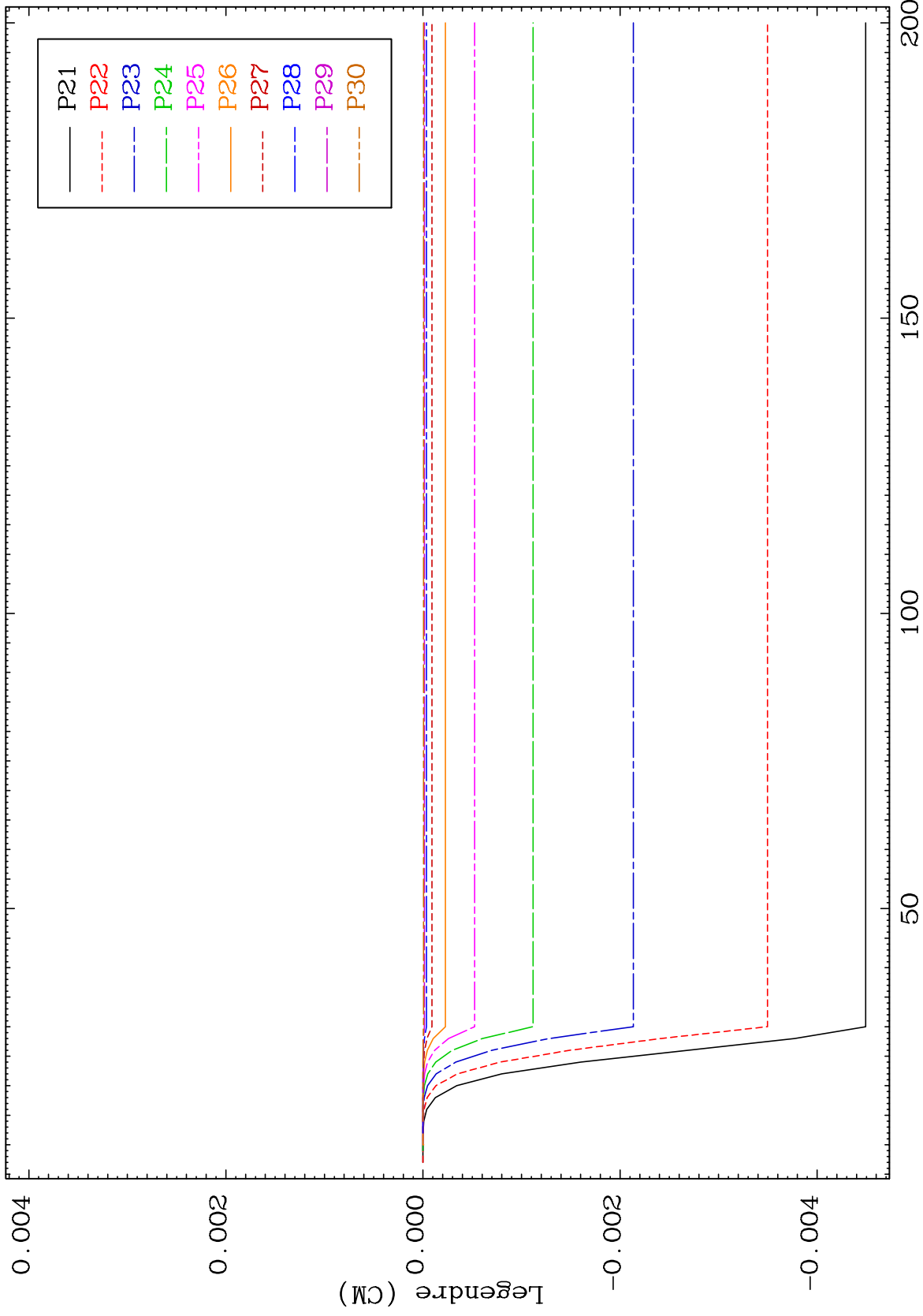
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



27

Incident Energy (MeV)

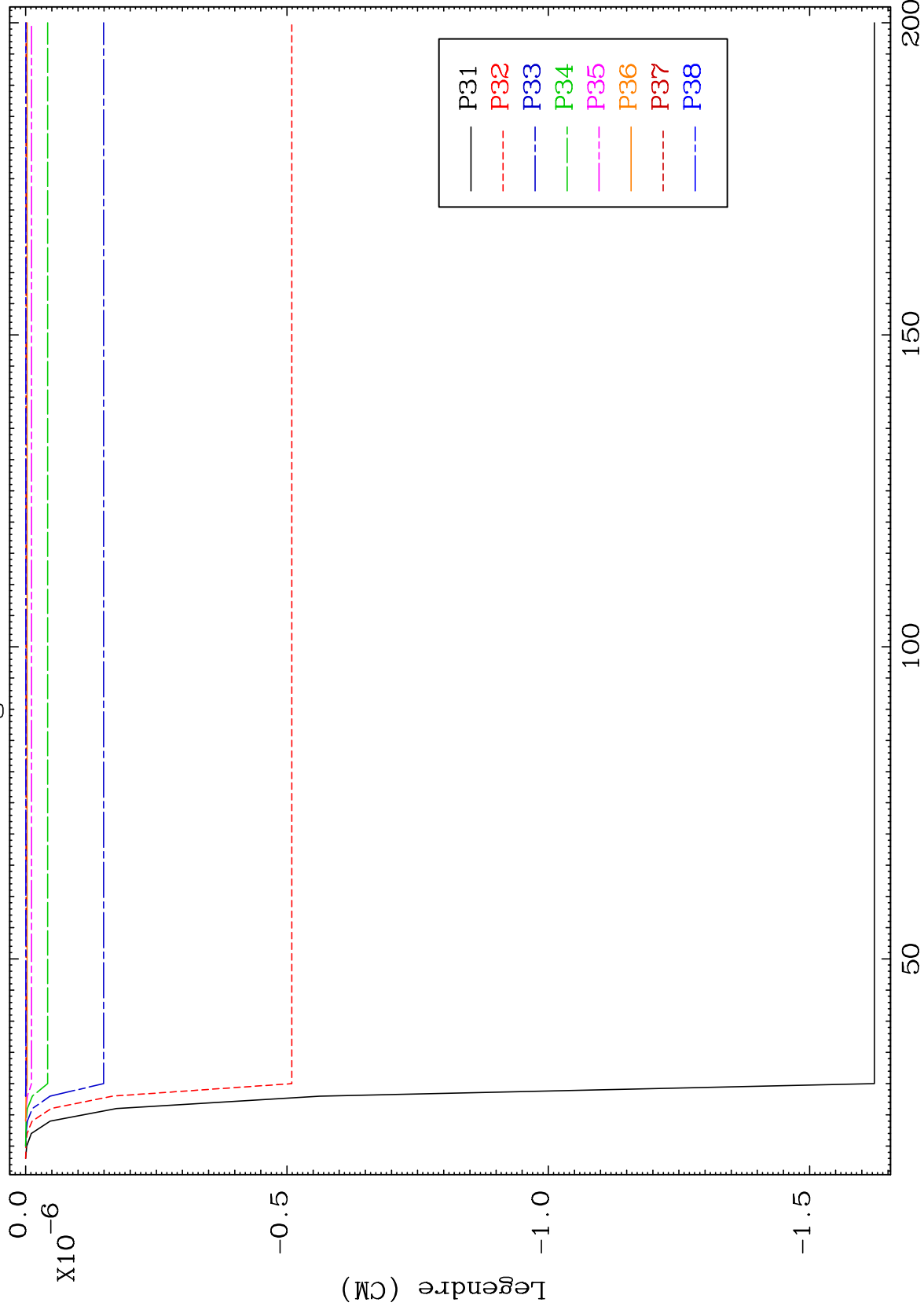
77-Ir-191

MAT 7725

MT= 52 (n,n') Level

77-Ir-191

Legendre Coefficients



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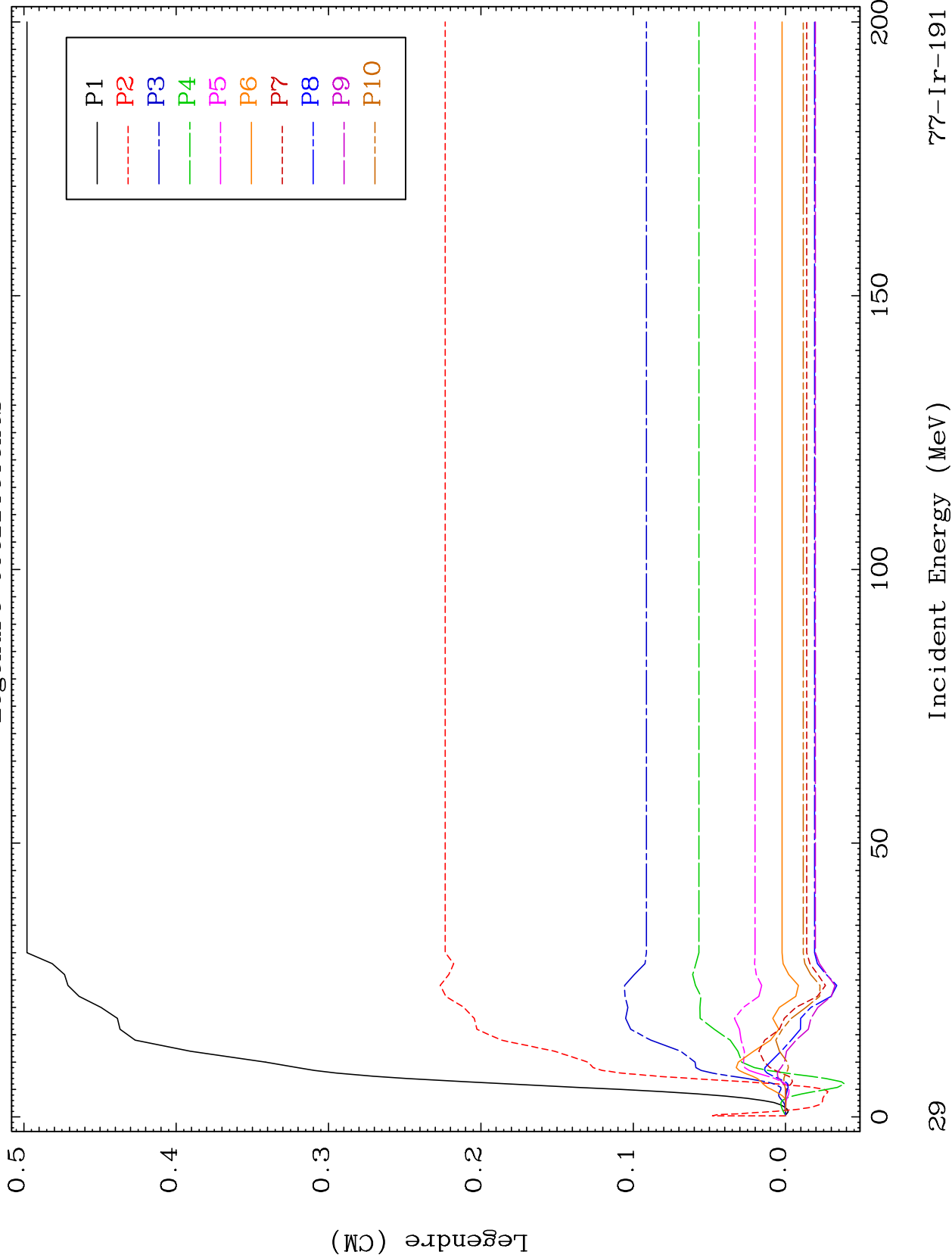
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

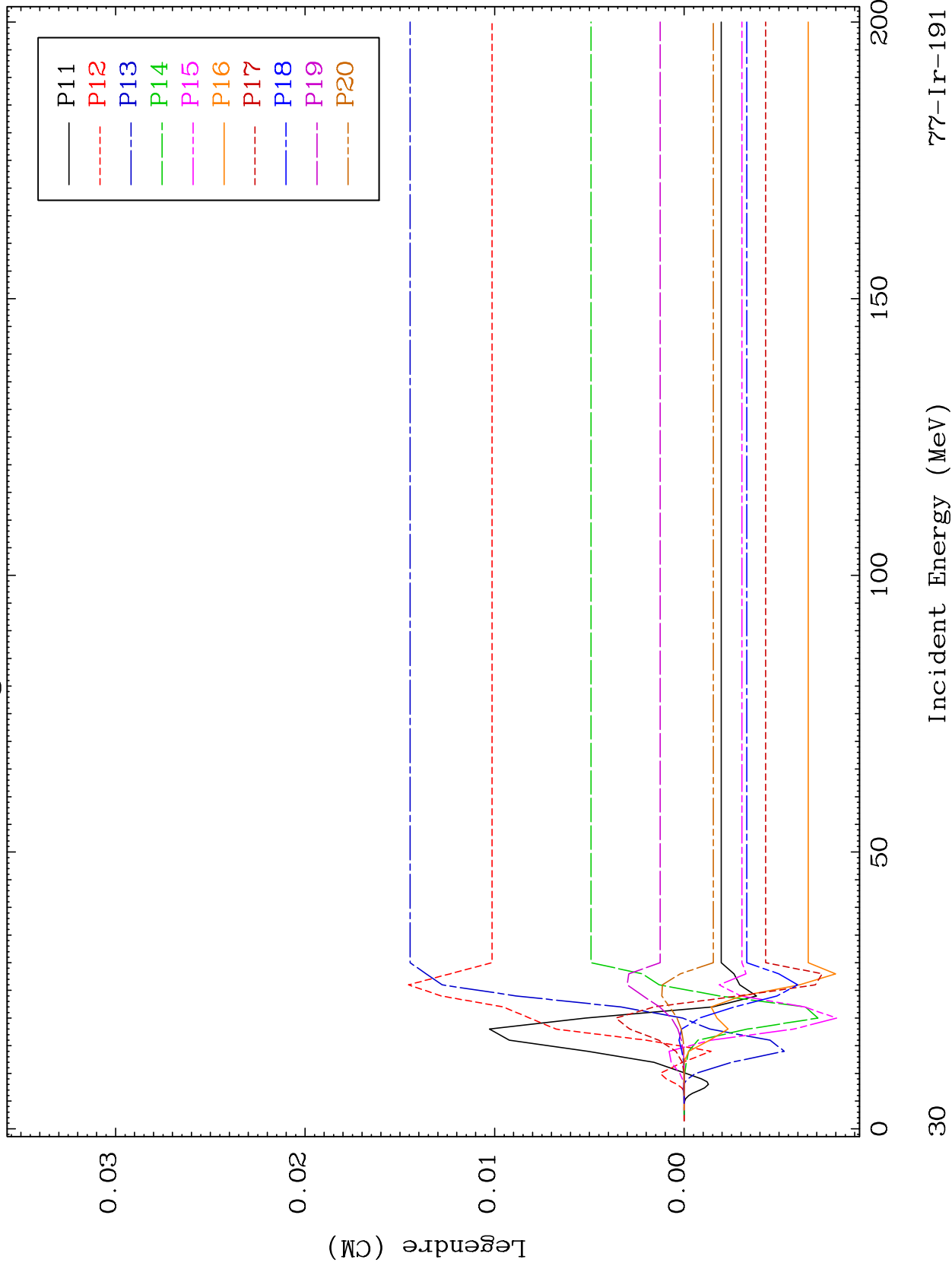
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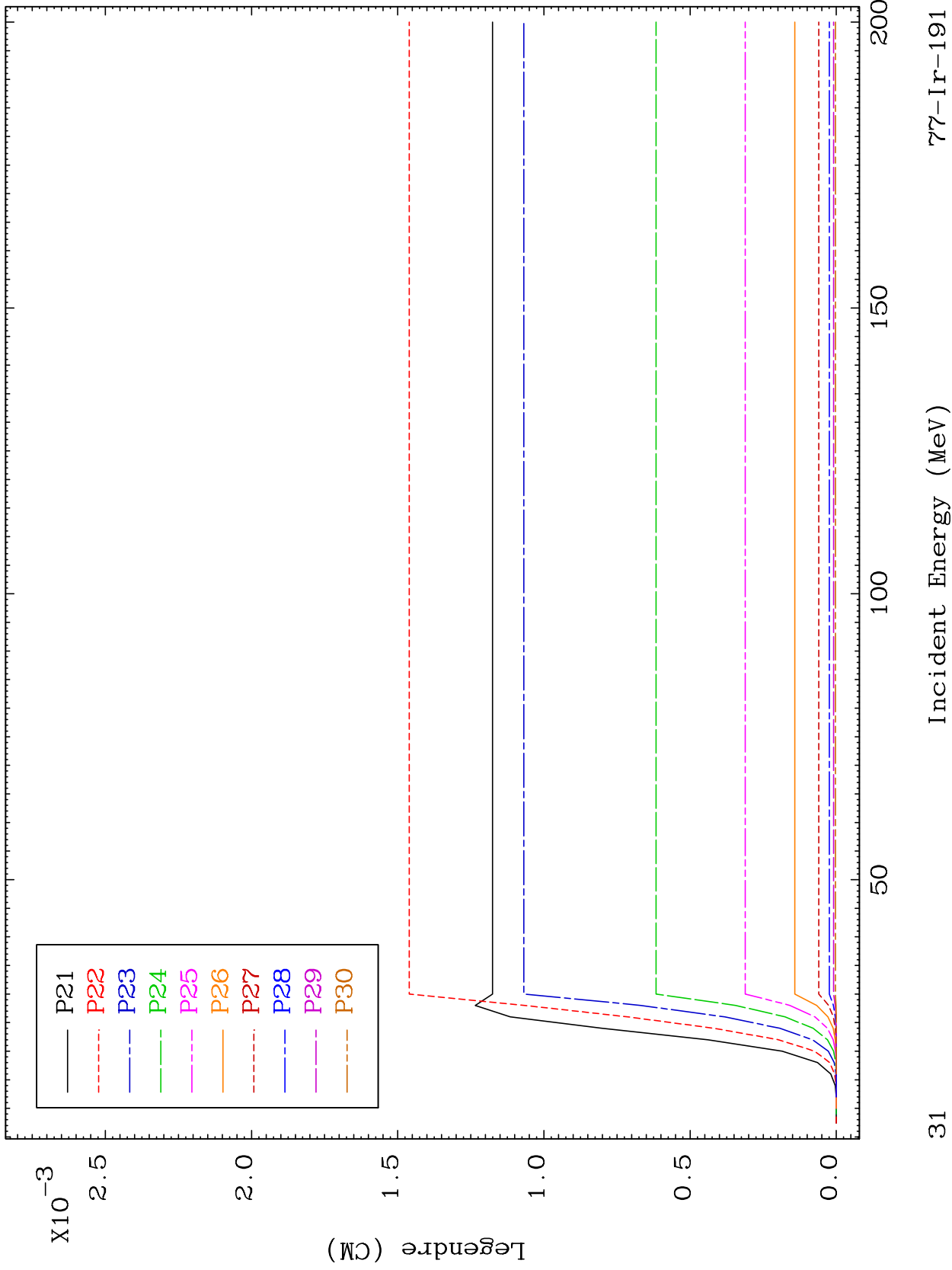
MAT 7725

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

77-Ir-191



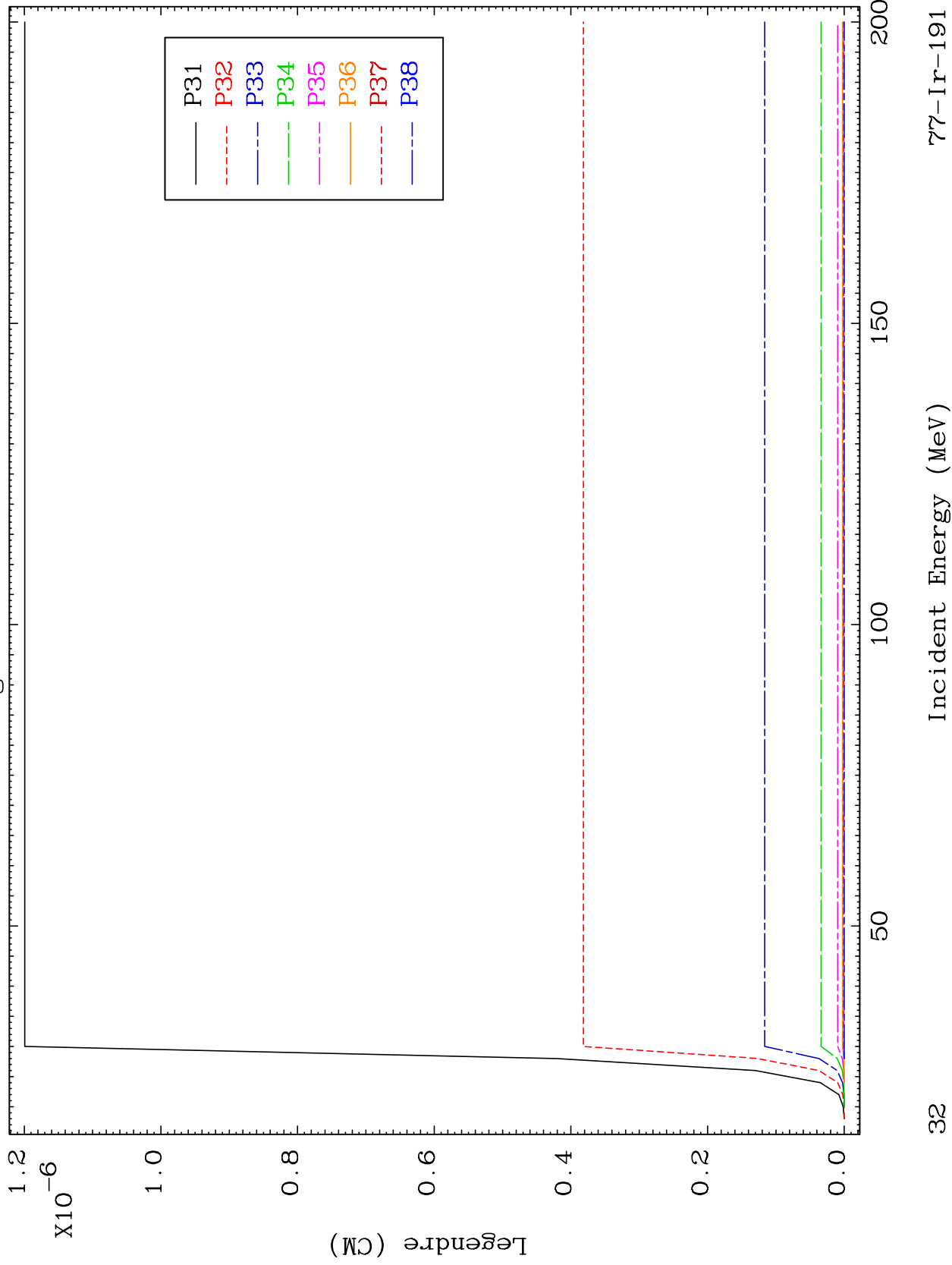
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MAT 7725

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

77-Ir-191



32

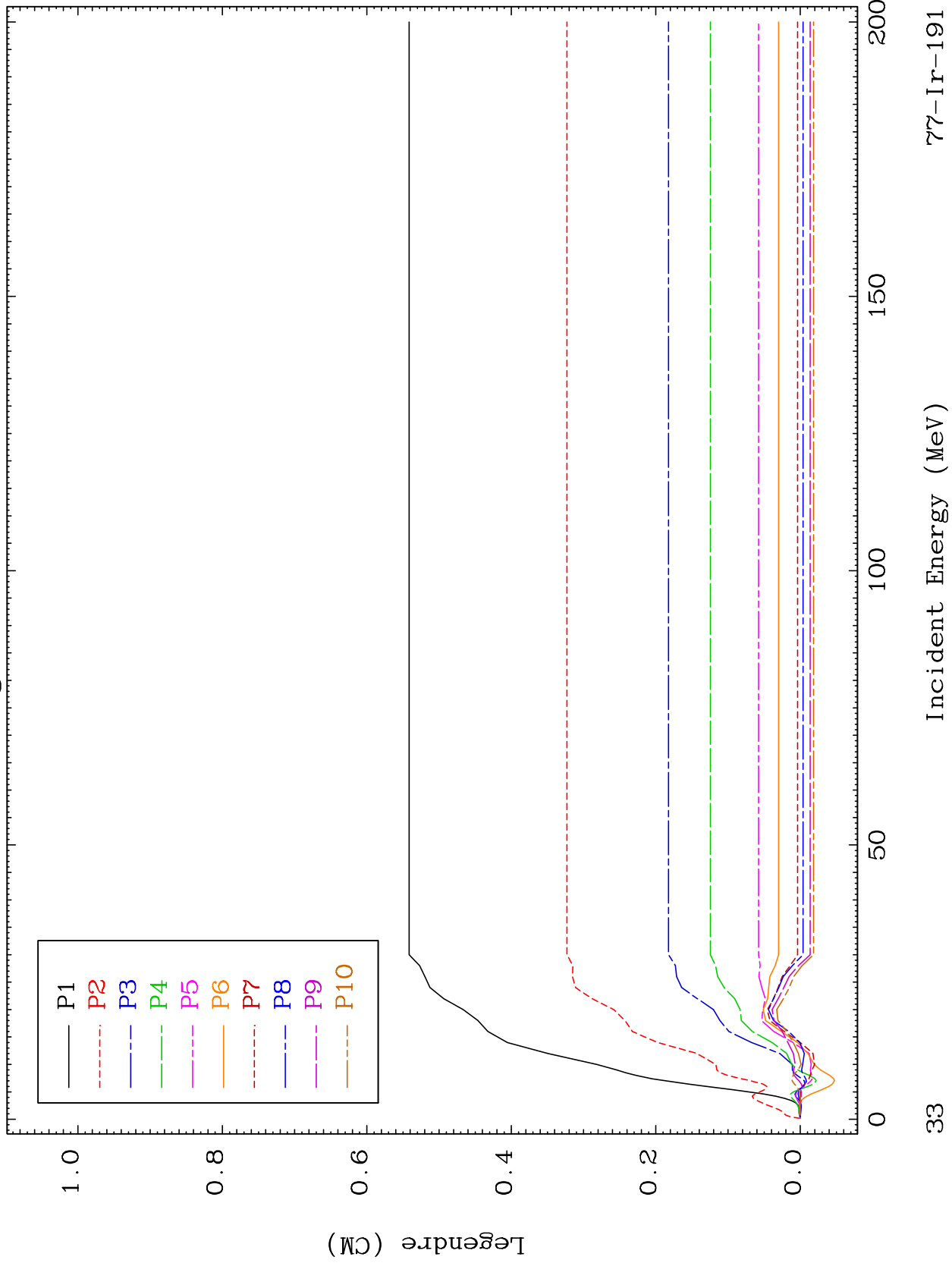
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191

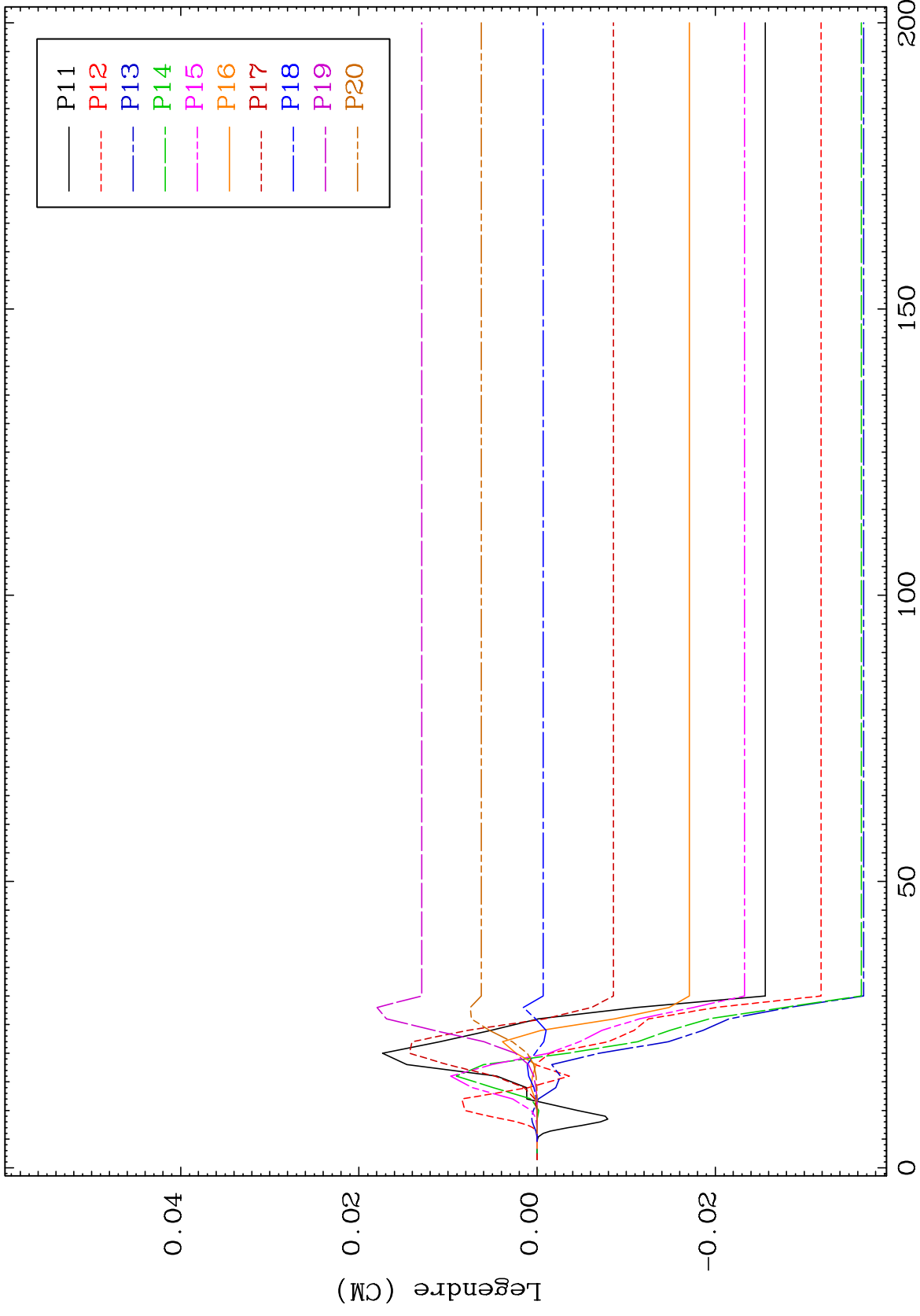


33

MAT 7725

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

77-Ir-191



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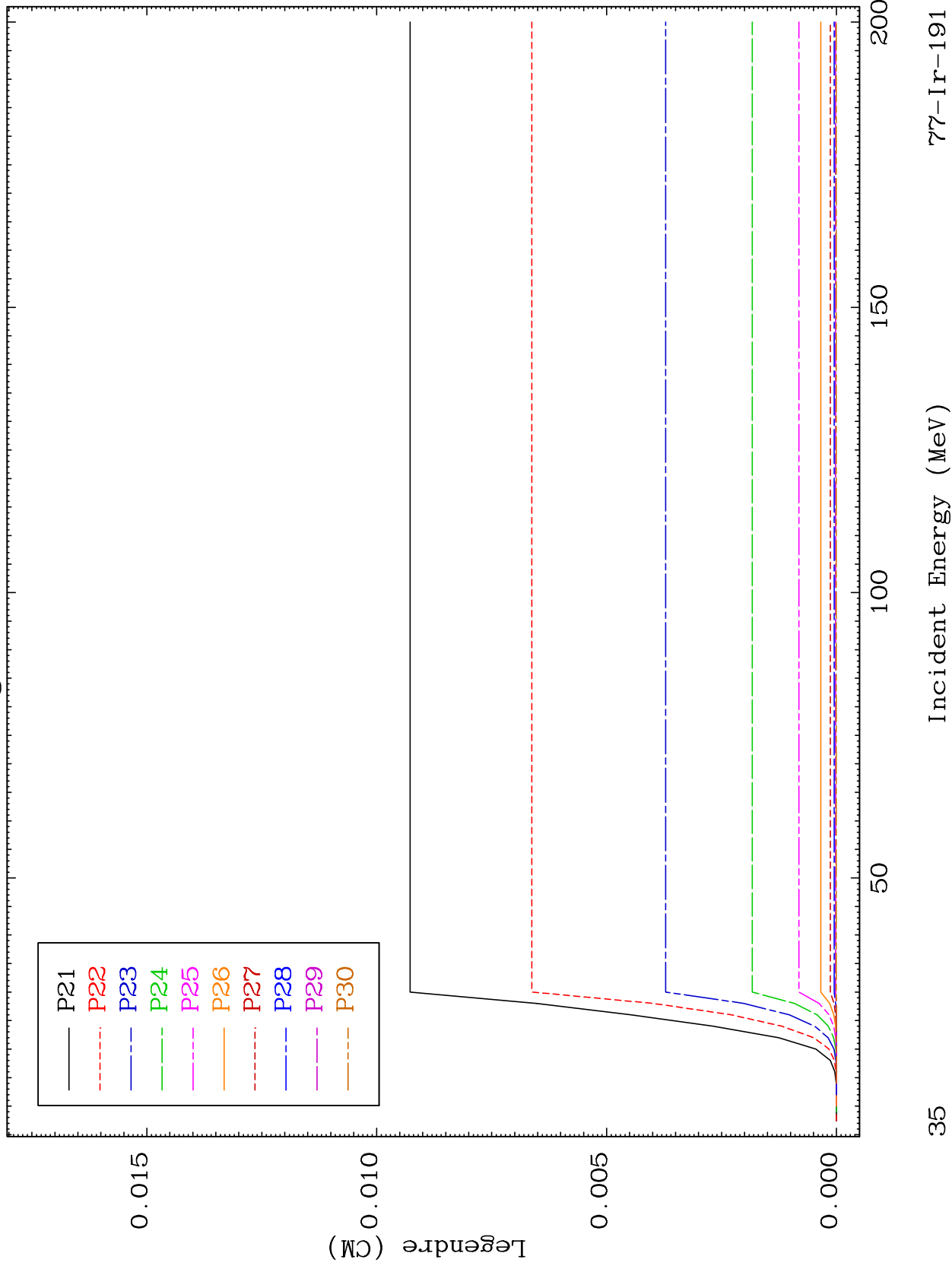
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



35

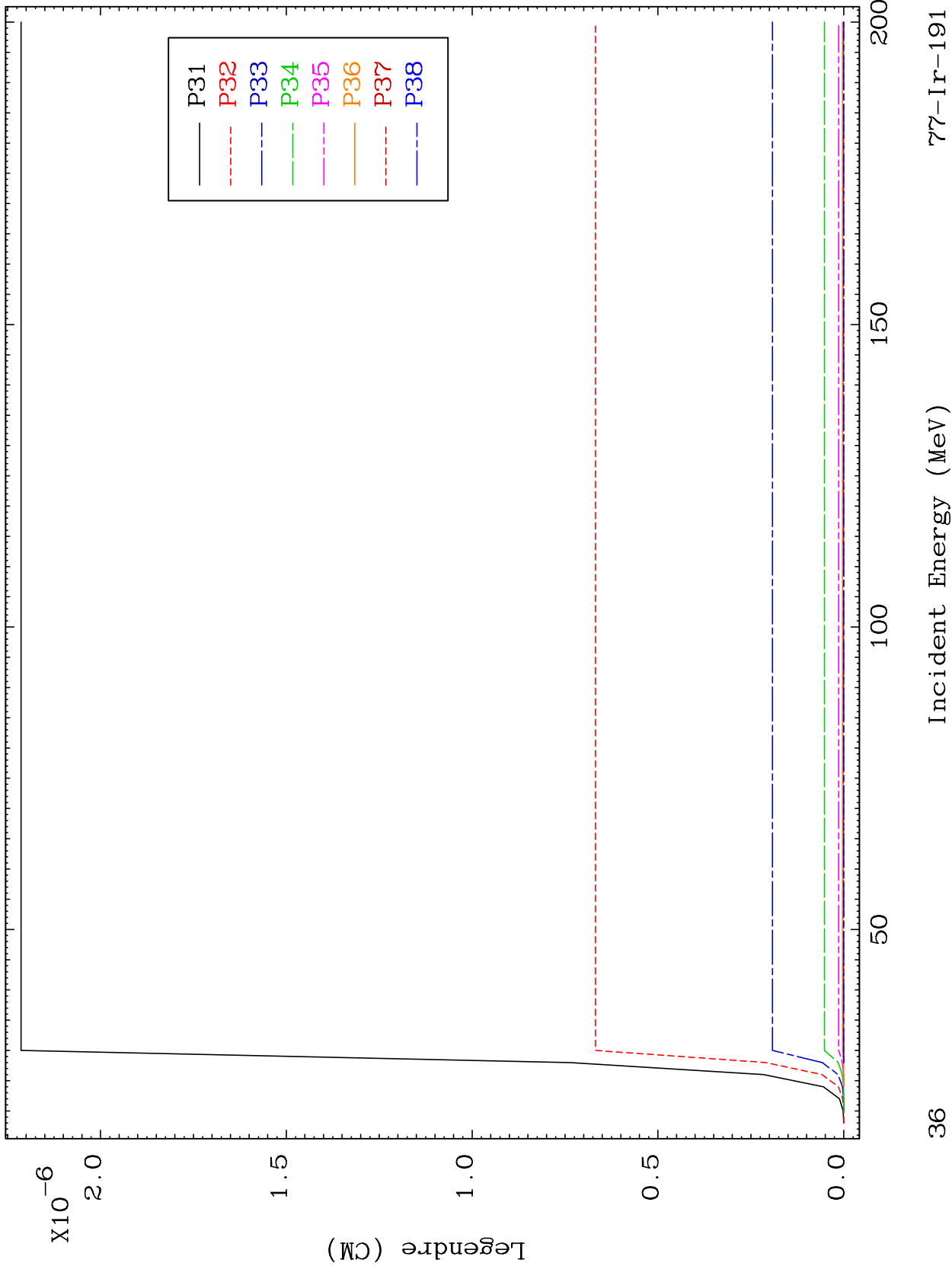
Incident Energy (MeV)

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MAT 7725

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

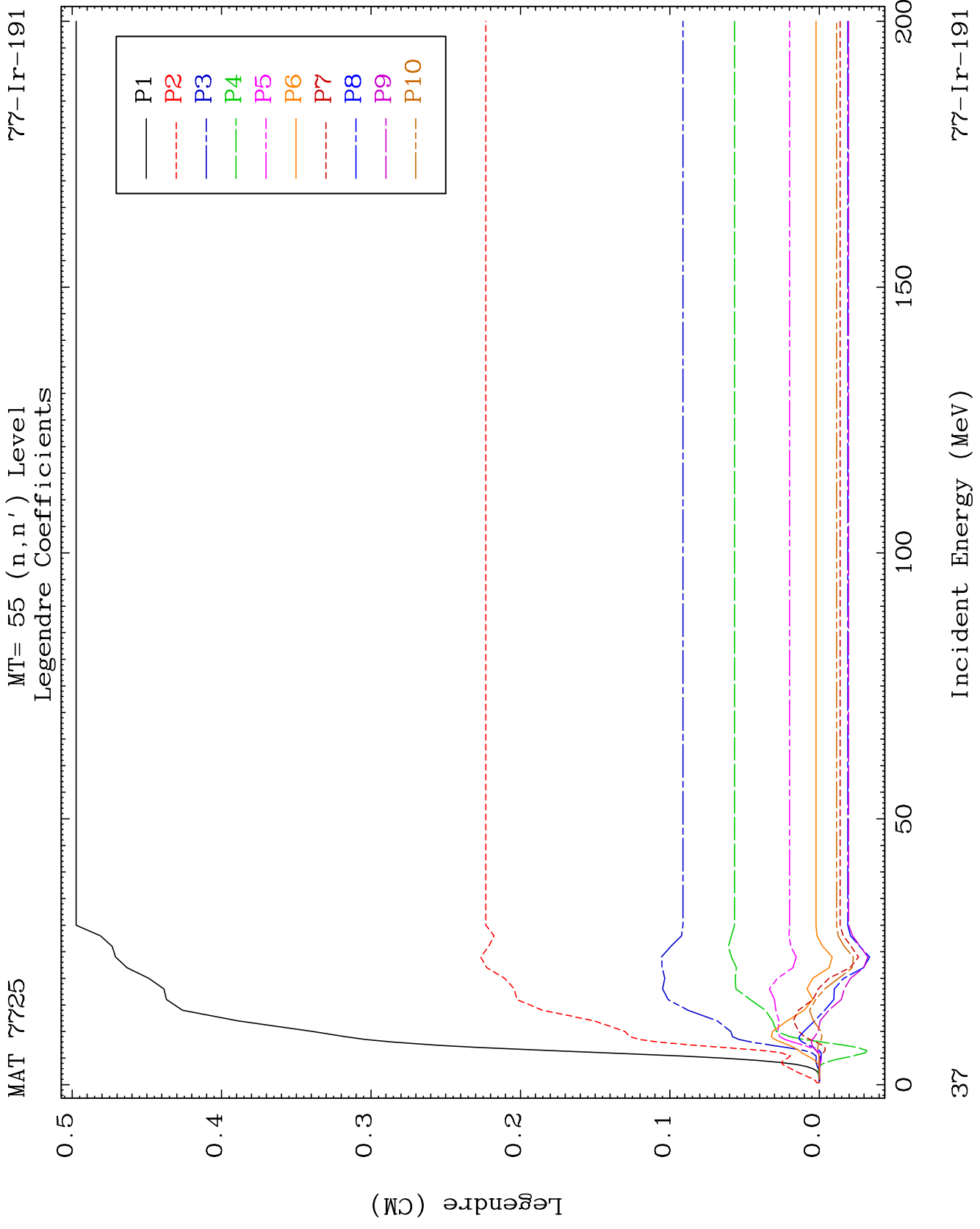
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36

Incident Energy (MeV)

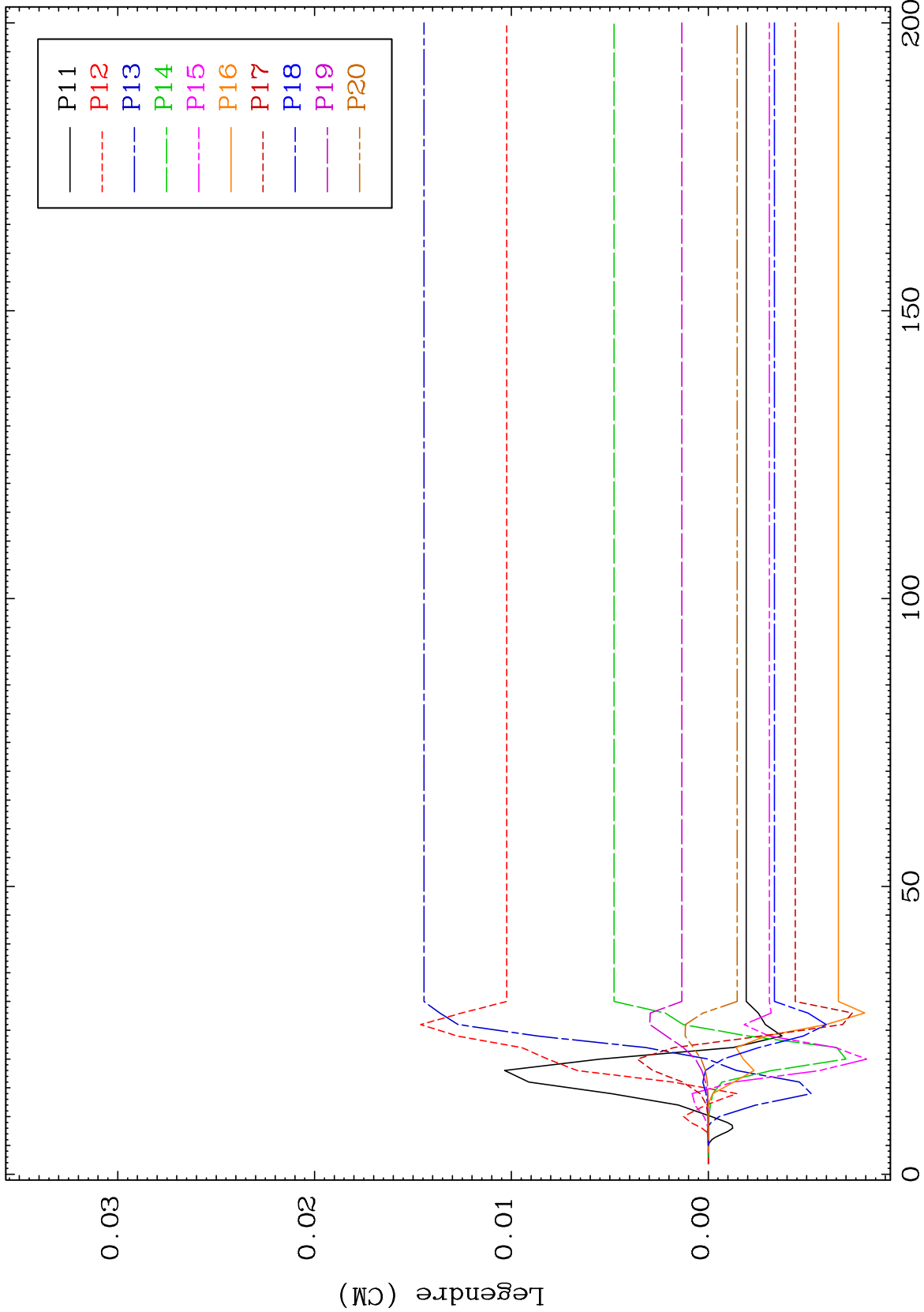
77-Ir-191



MAT 7725

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

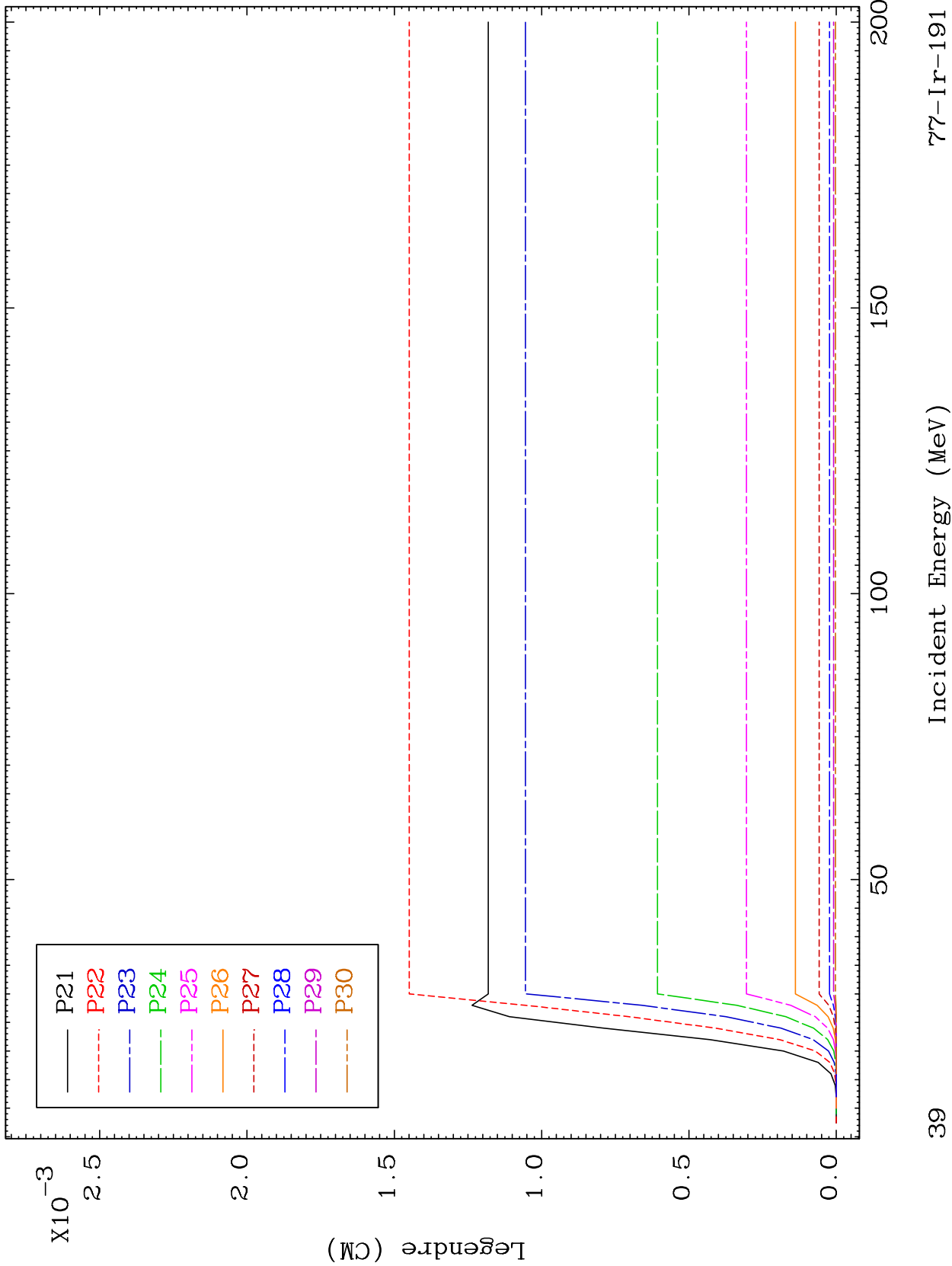
77-Ir-191



38

Incident Energy (MeV)

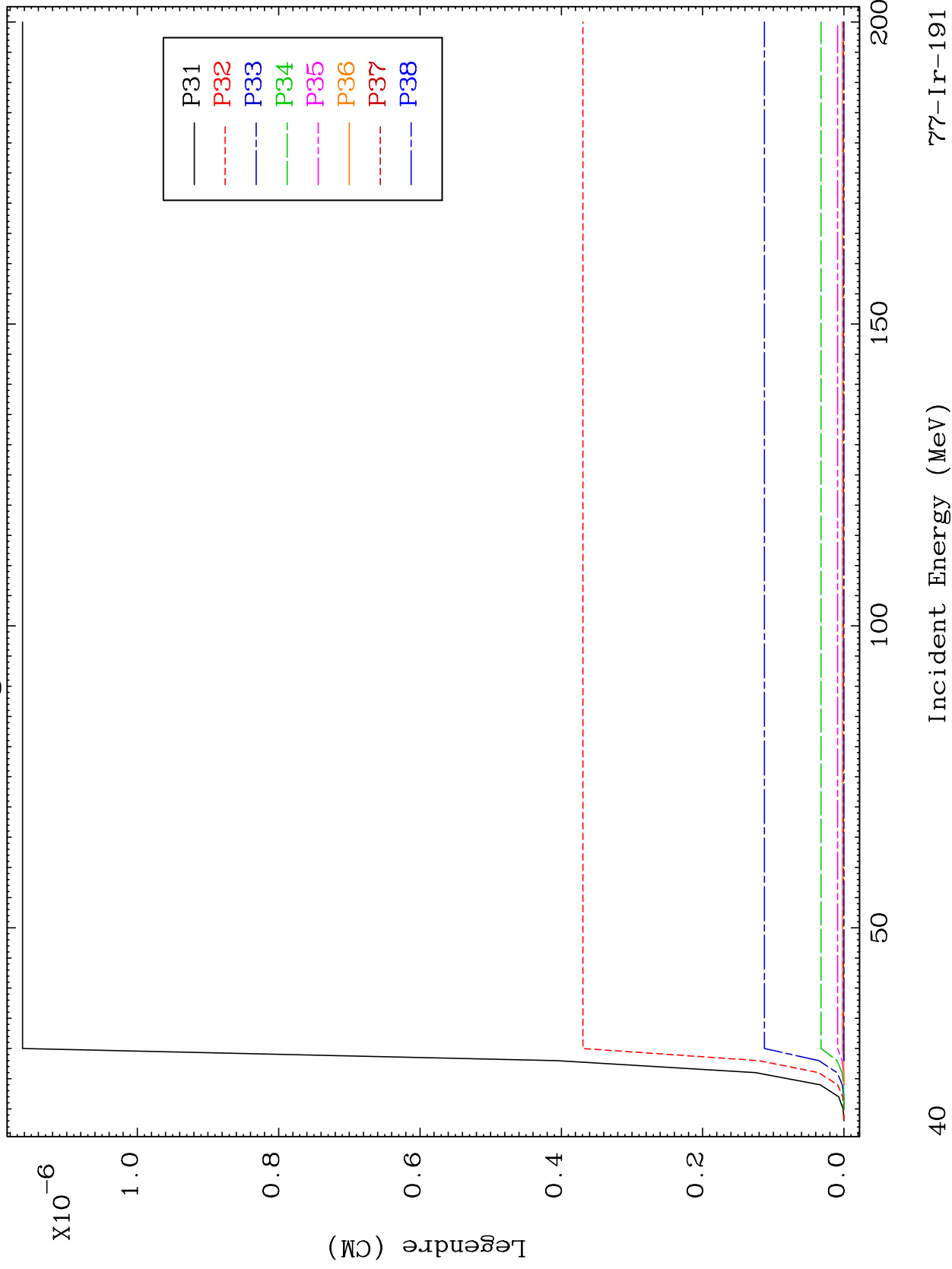
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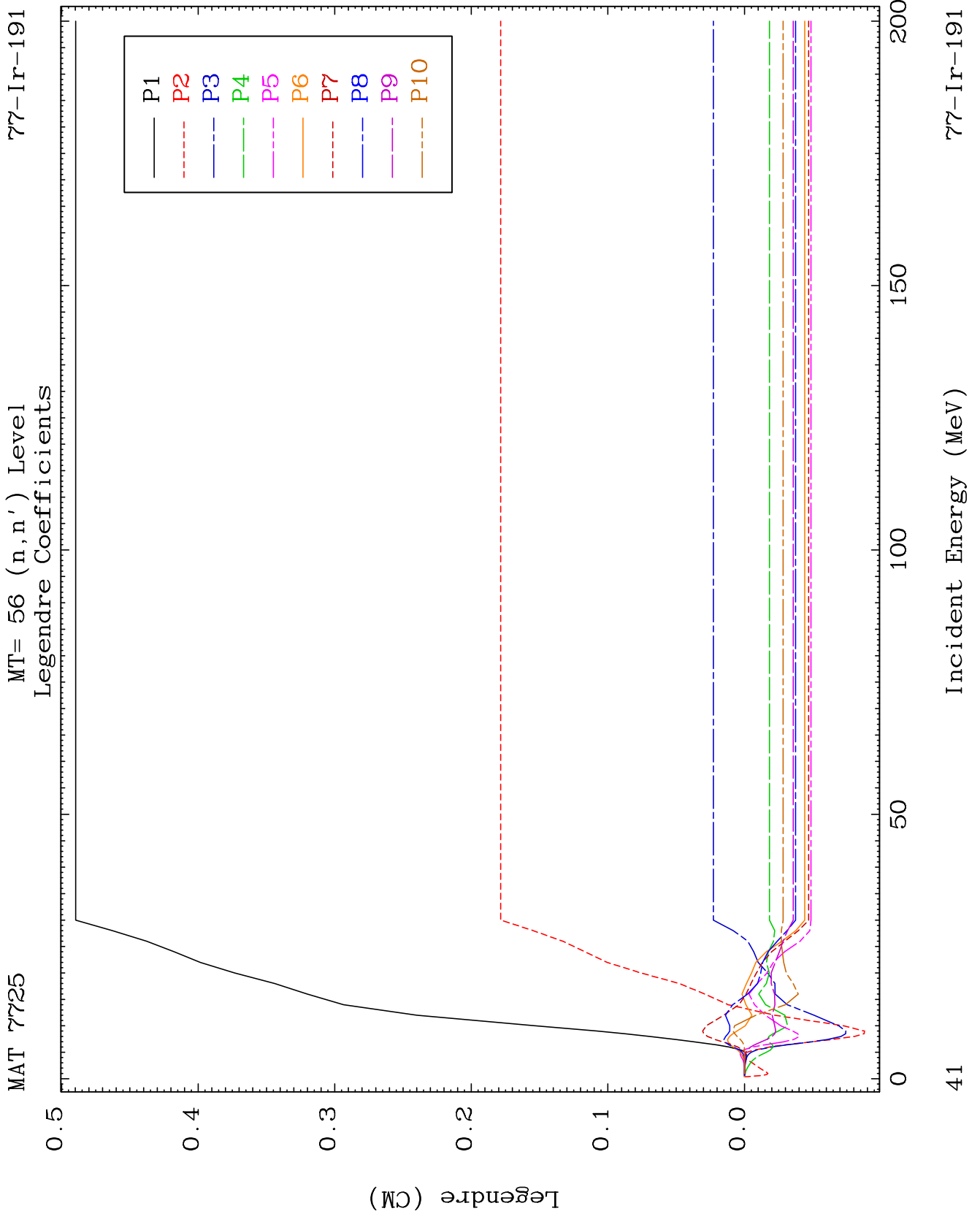
MAT 7725

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

77-Ir-191



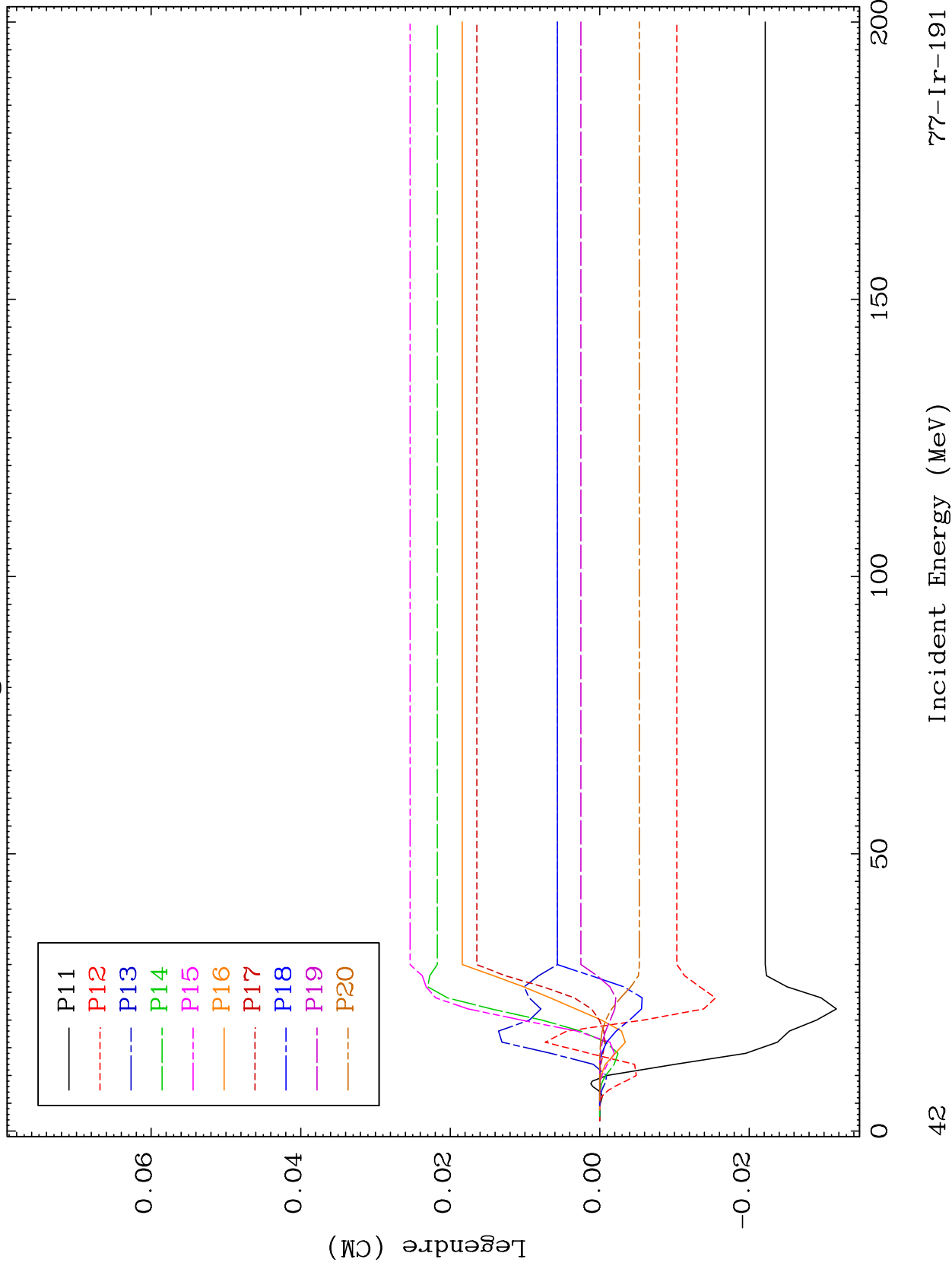
77-Ir-191



MAT 7725

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

77-Ir-191



42

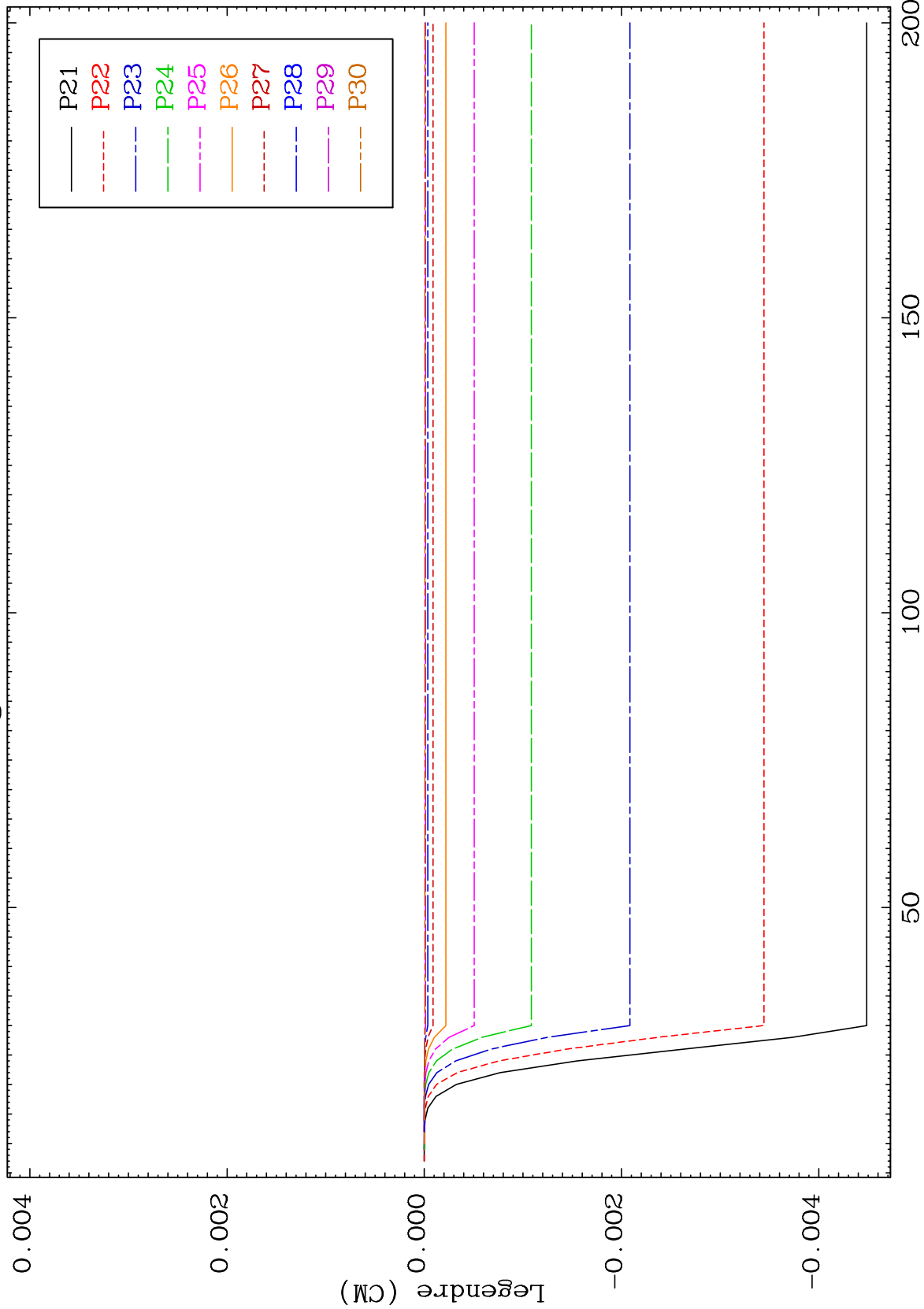
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

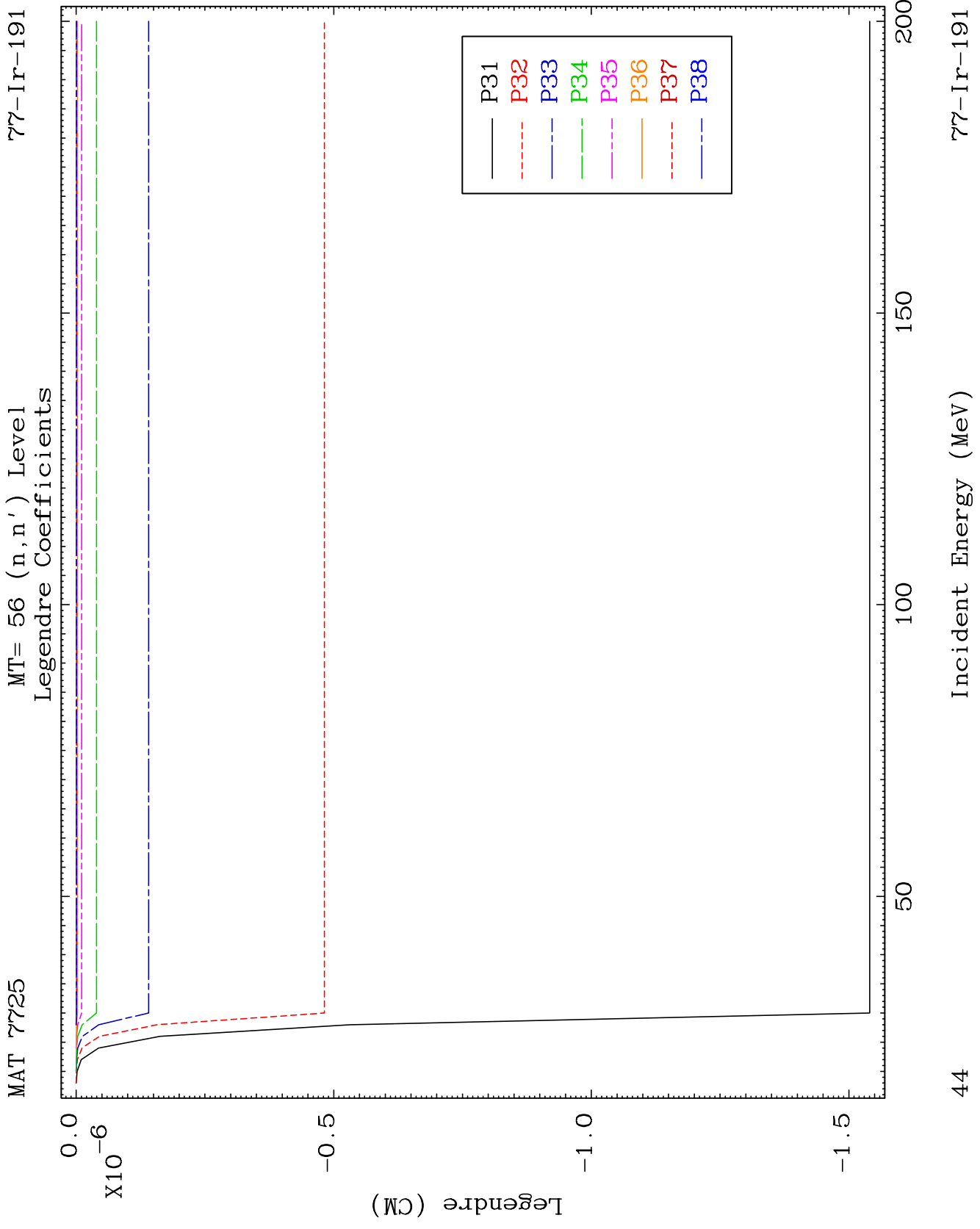
77-Ir-191



43

Incident Energy (MeV)

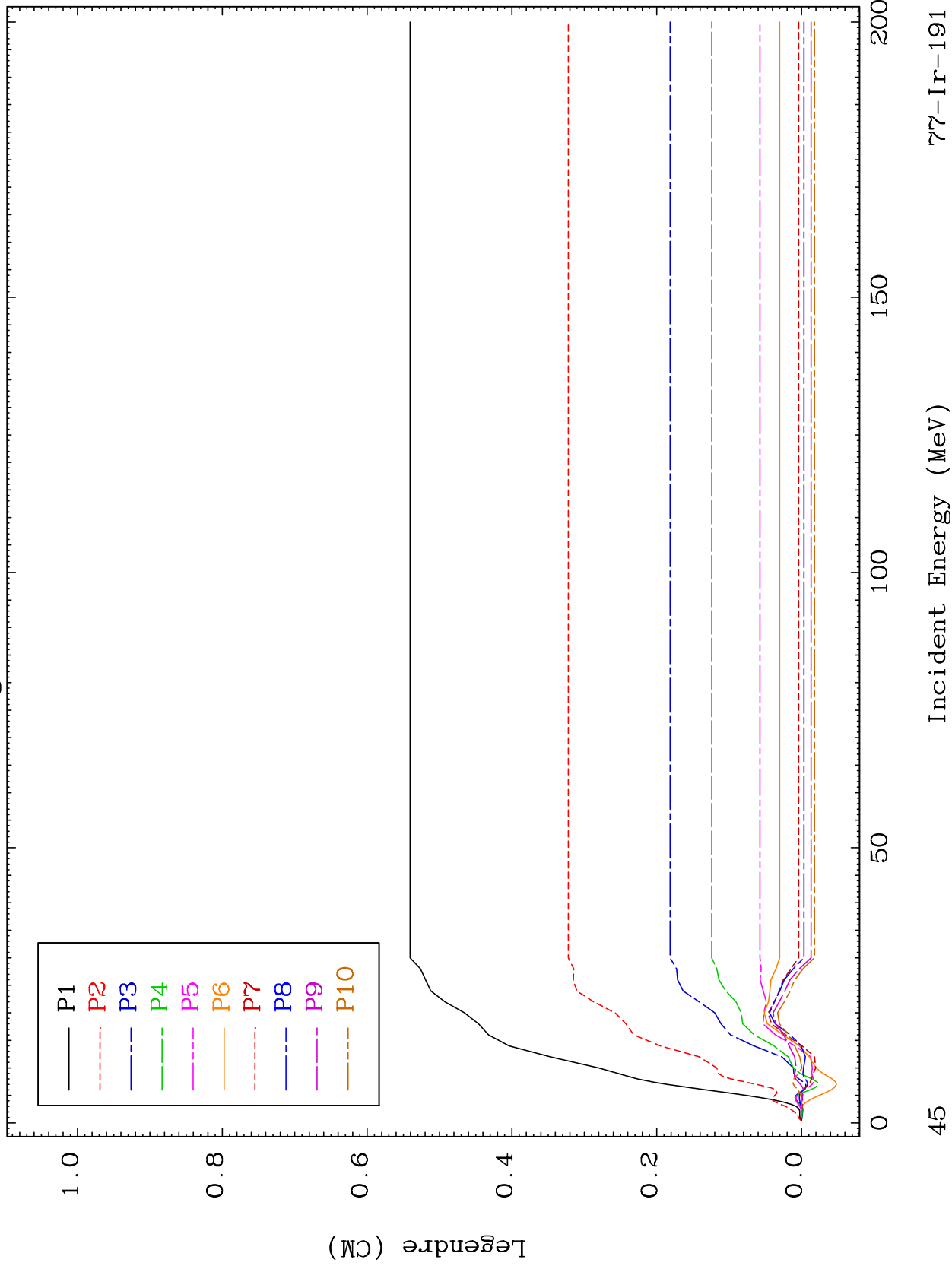
77-Ir-191



MAT 7725

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

77-Ir-191



77-Ir-191

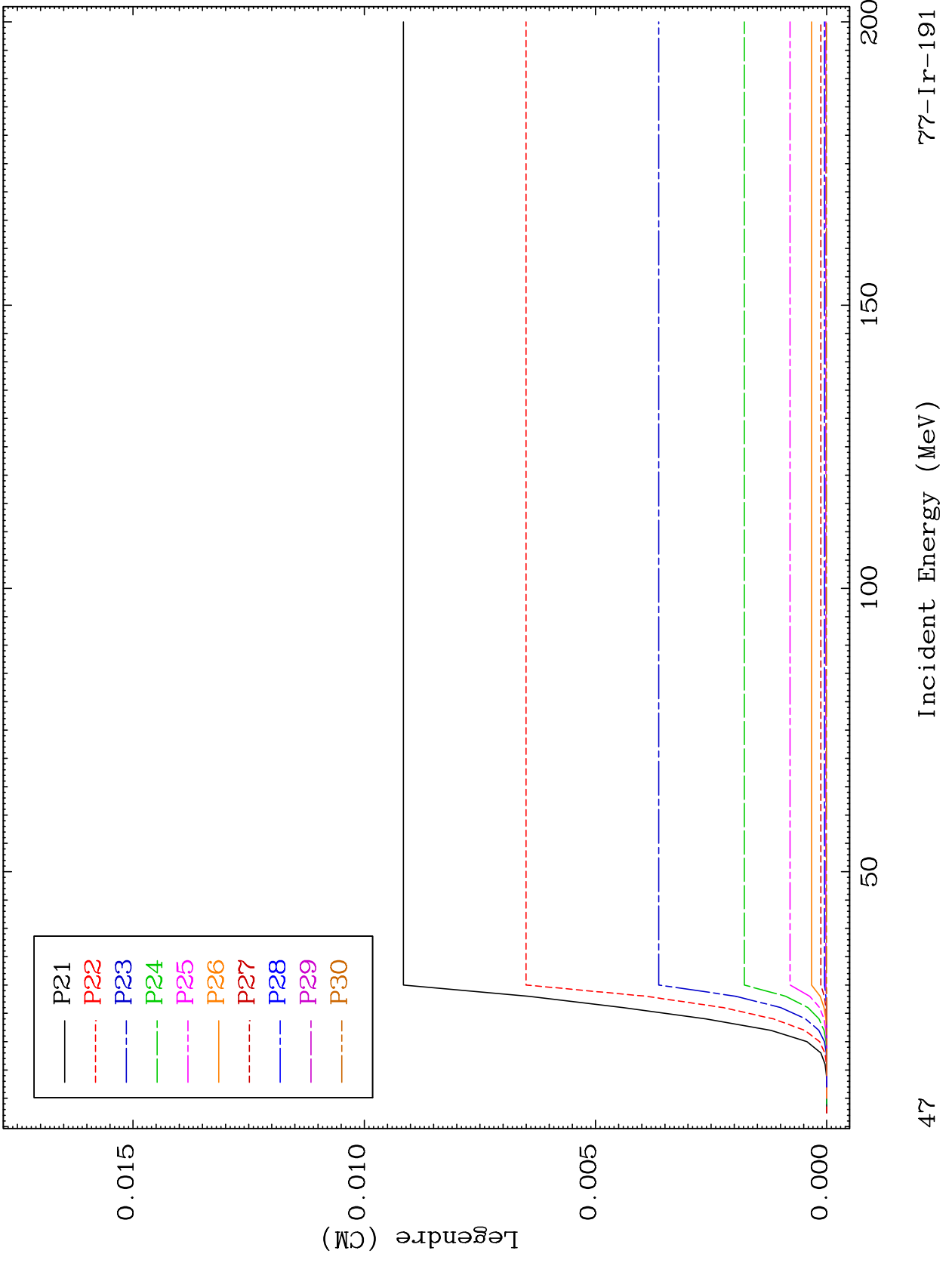
Incident Energy (MeV)

45

MAT 7725

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

77-Ir-191



47

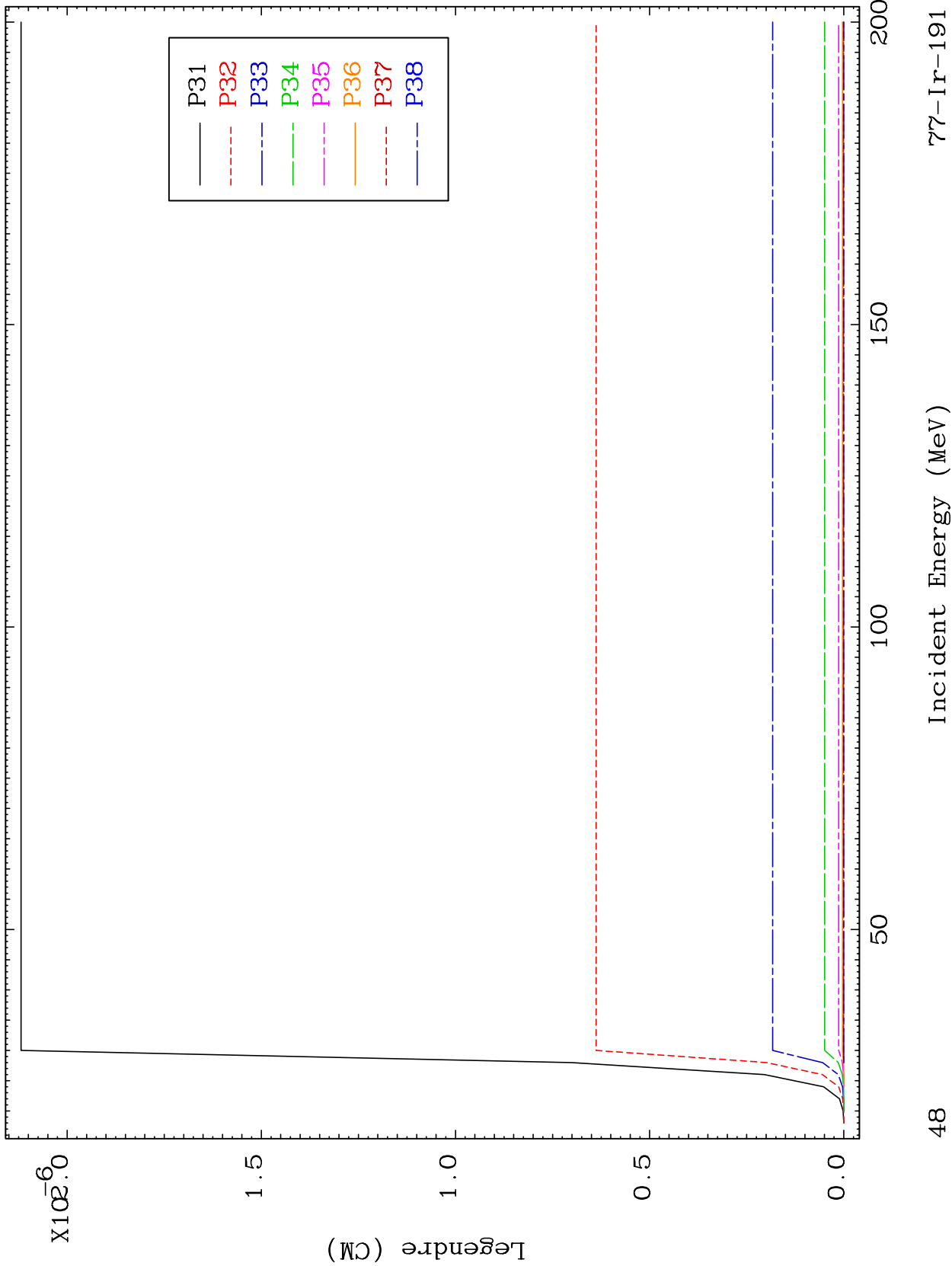
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



48

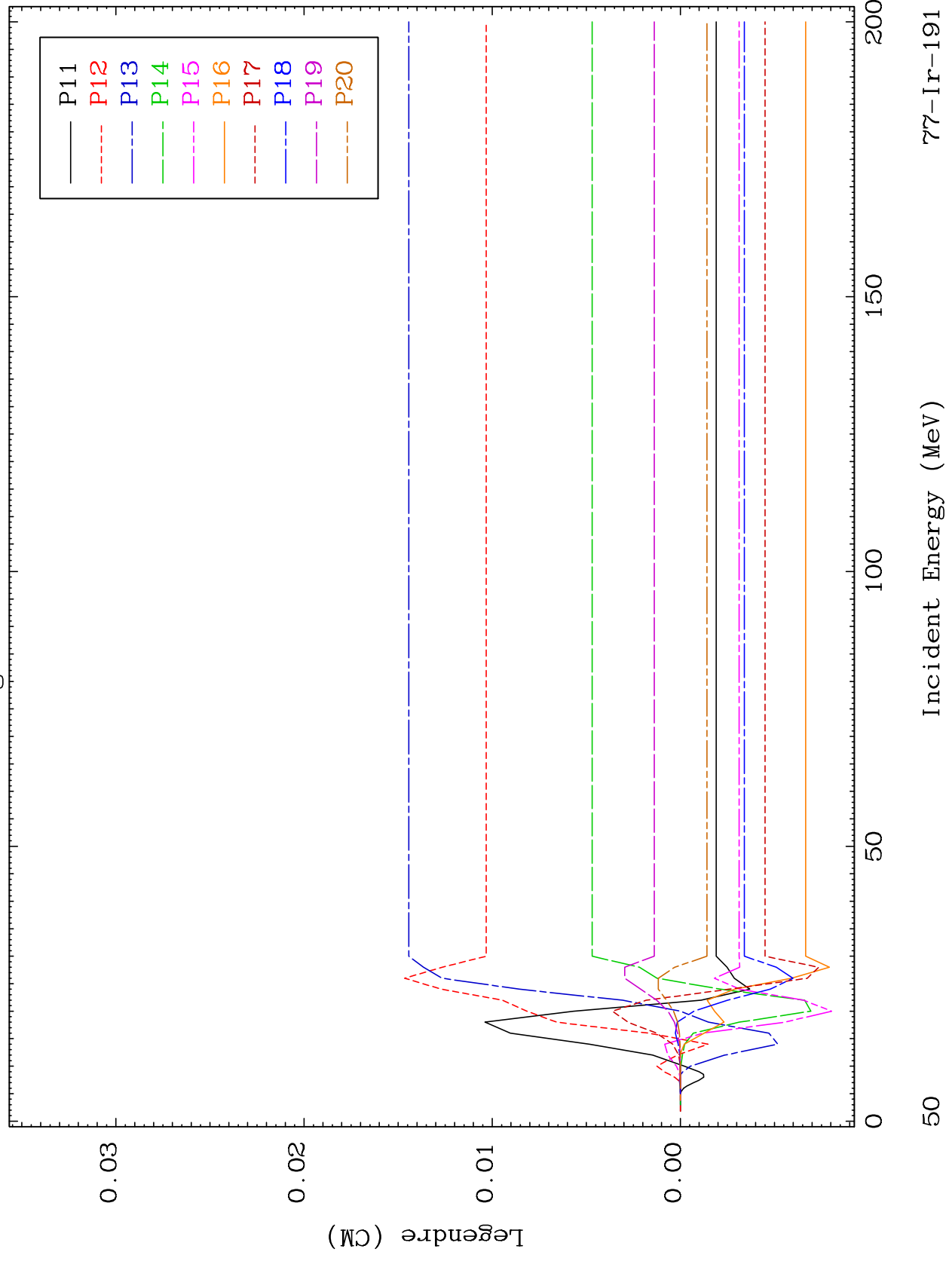
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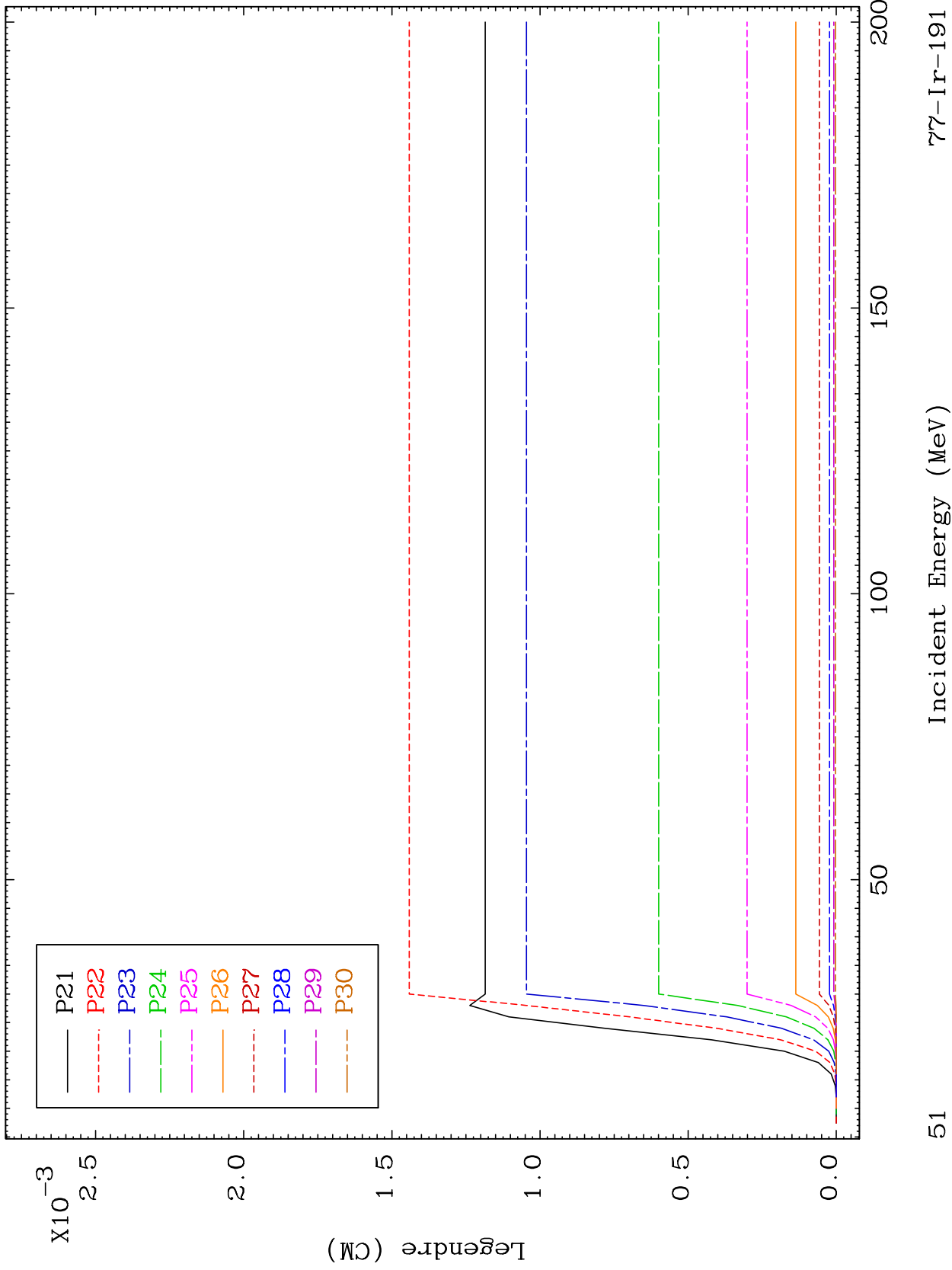
77-Ir-191

MAT 7725

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

77-Ir-191

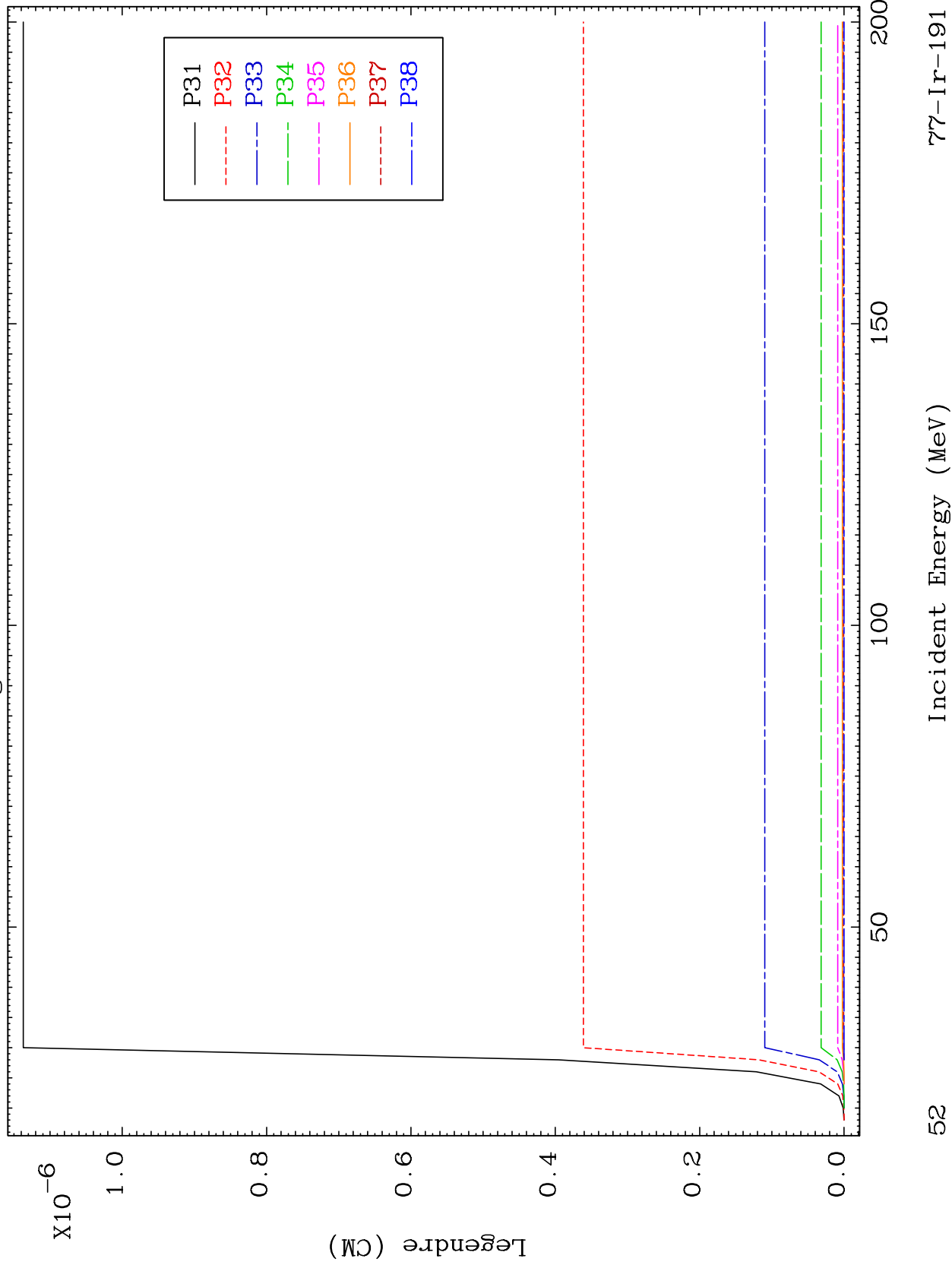




MAT 7725

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

77-Ir-191



52

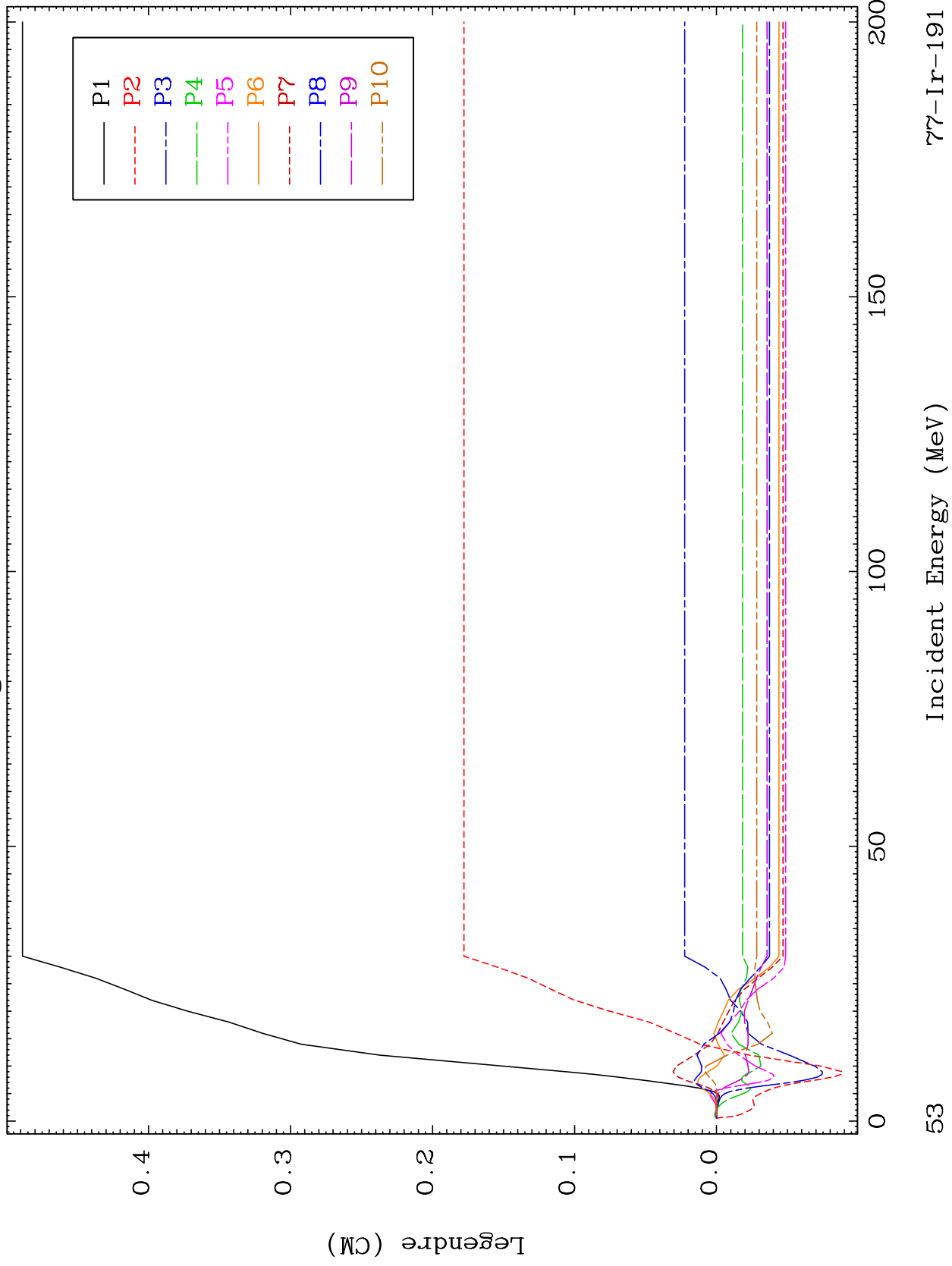
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



77-Ir-191

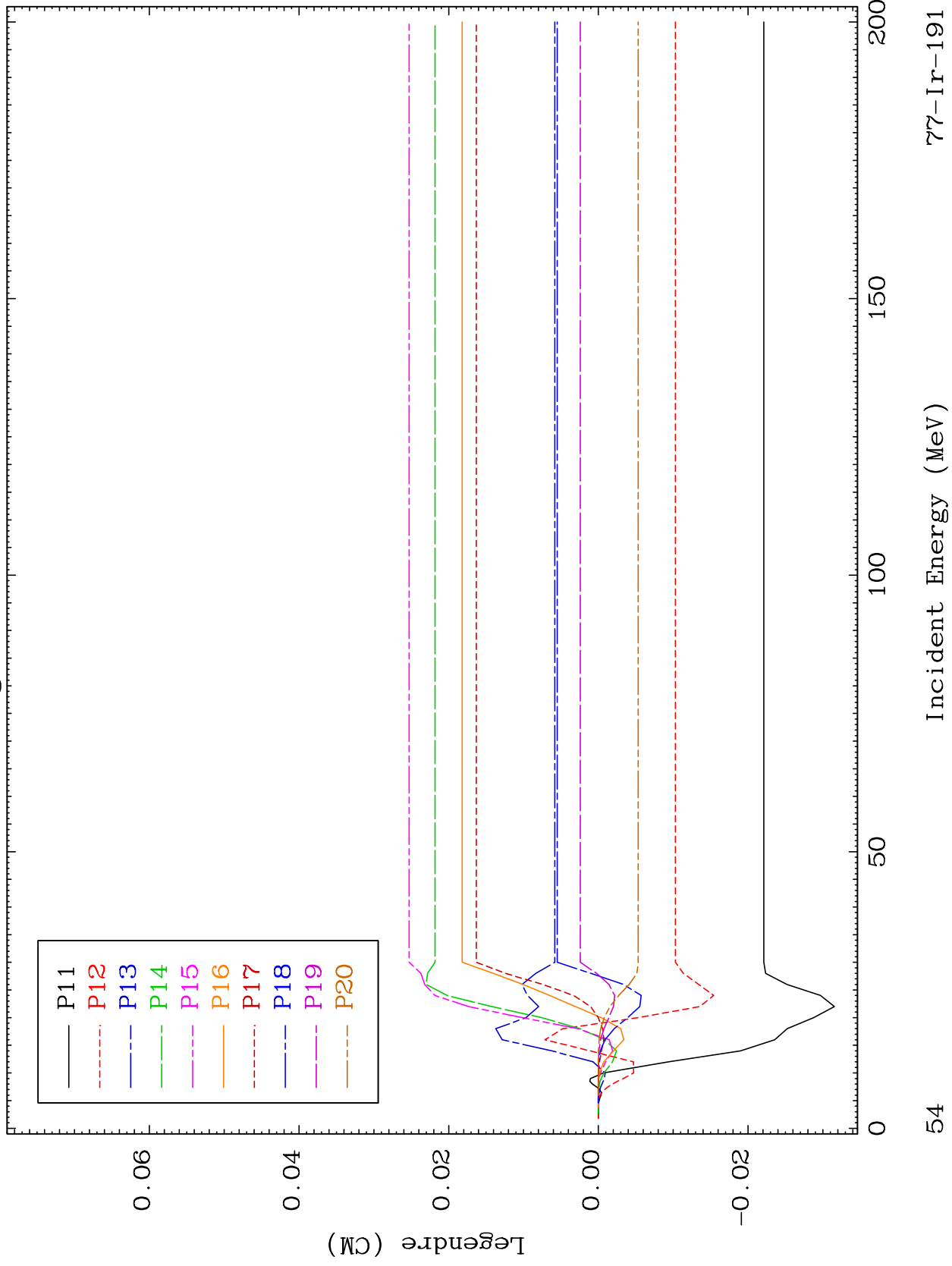
Incident Energy (MeV)

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MAT 7725

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

77-Ir-191



77-Ir-191

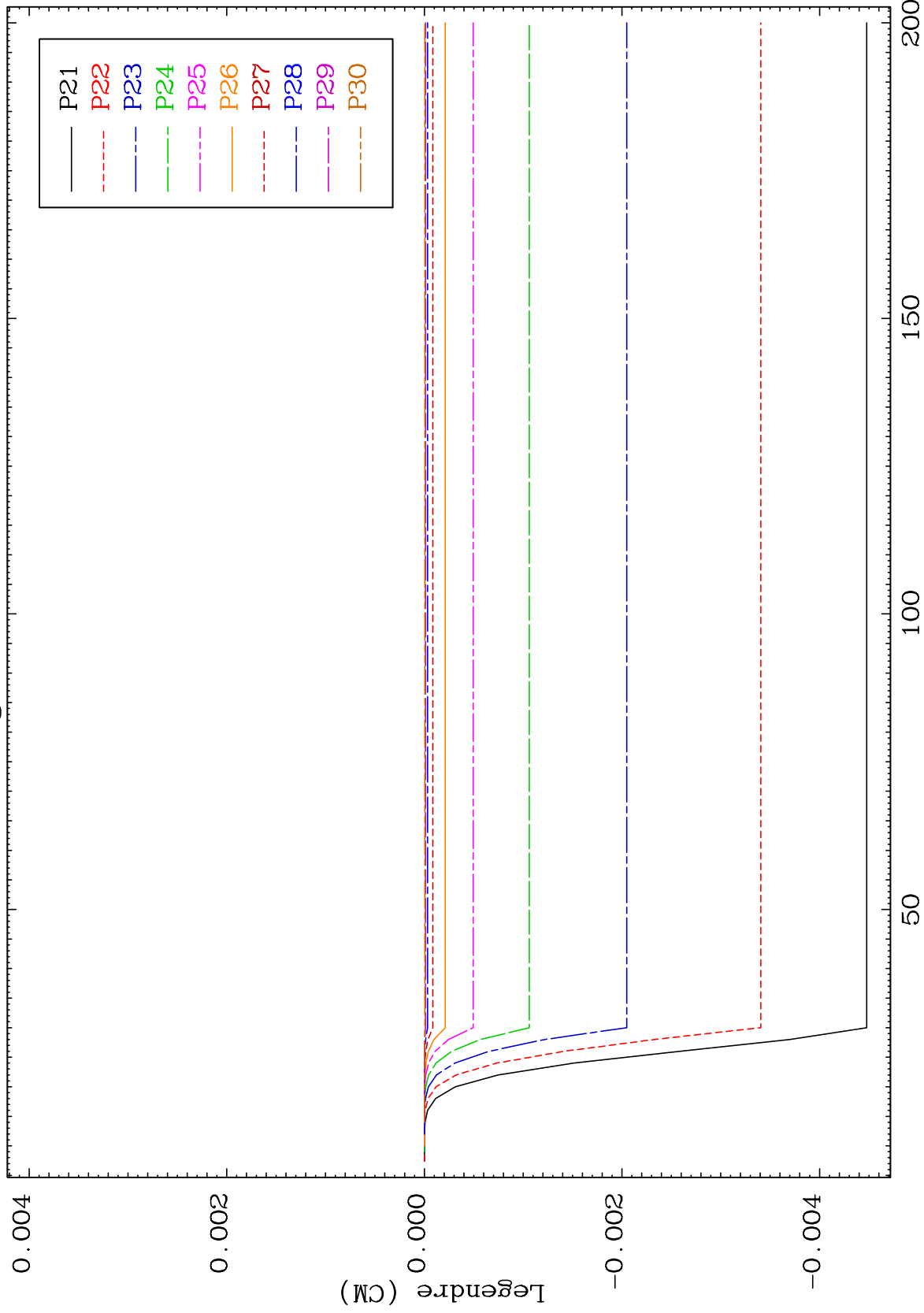
Incident Energy (MeV)

54

MAT 7725

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

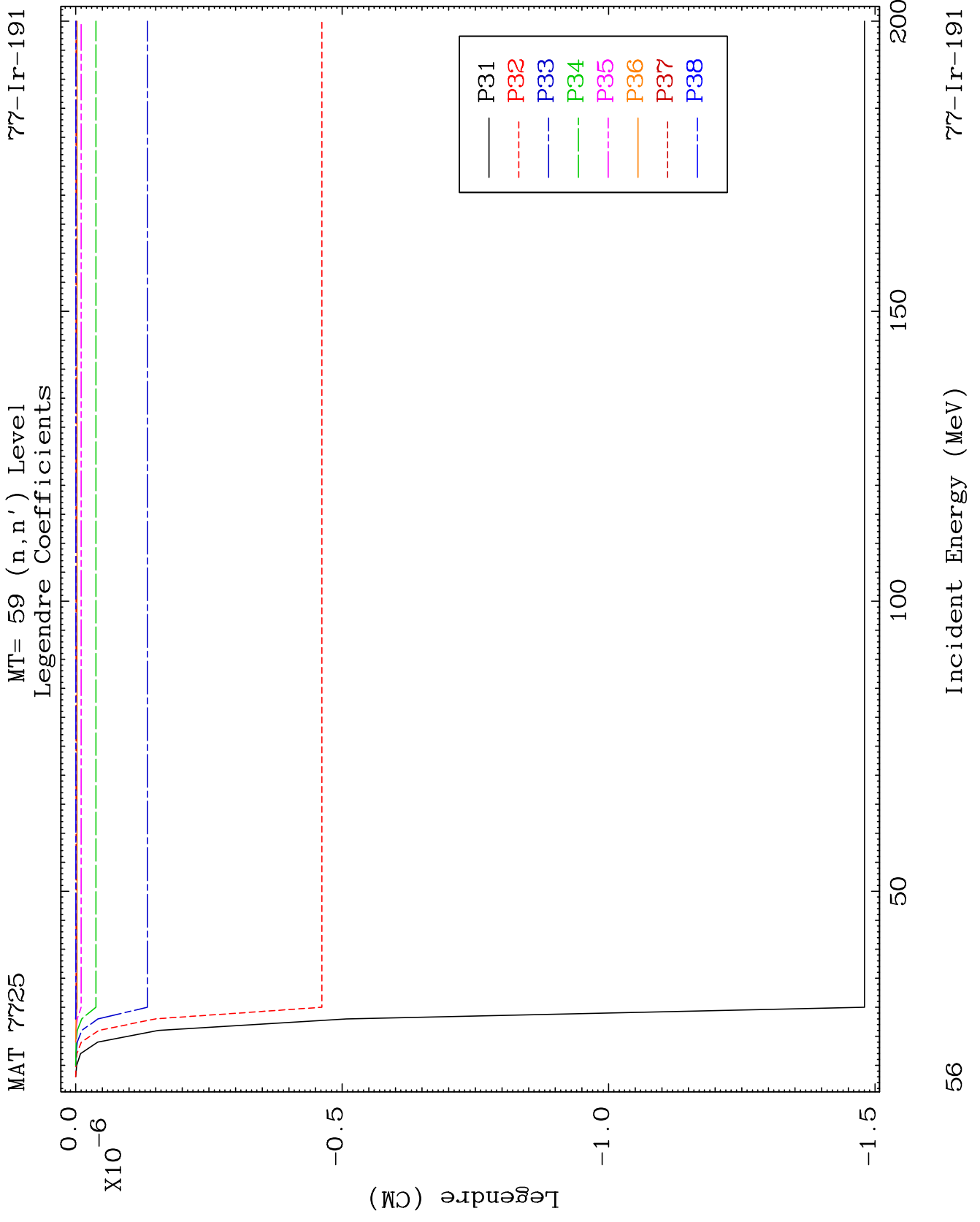
77-Ir-191



55

Incident Energy (MeV)

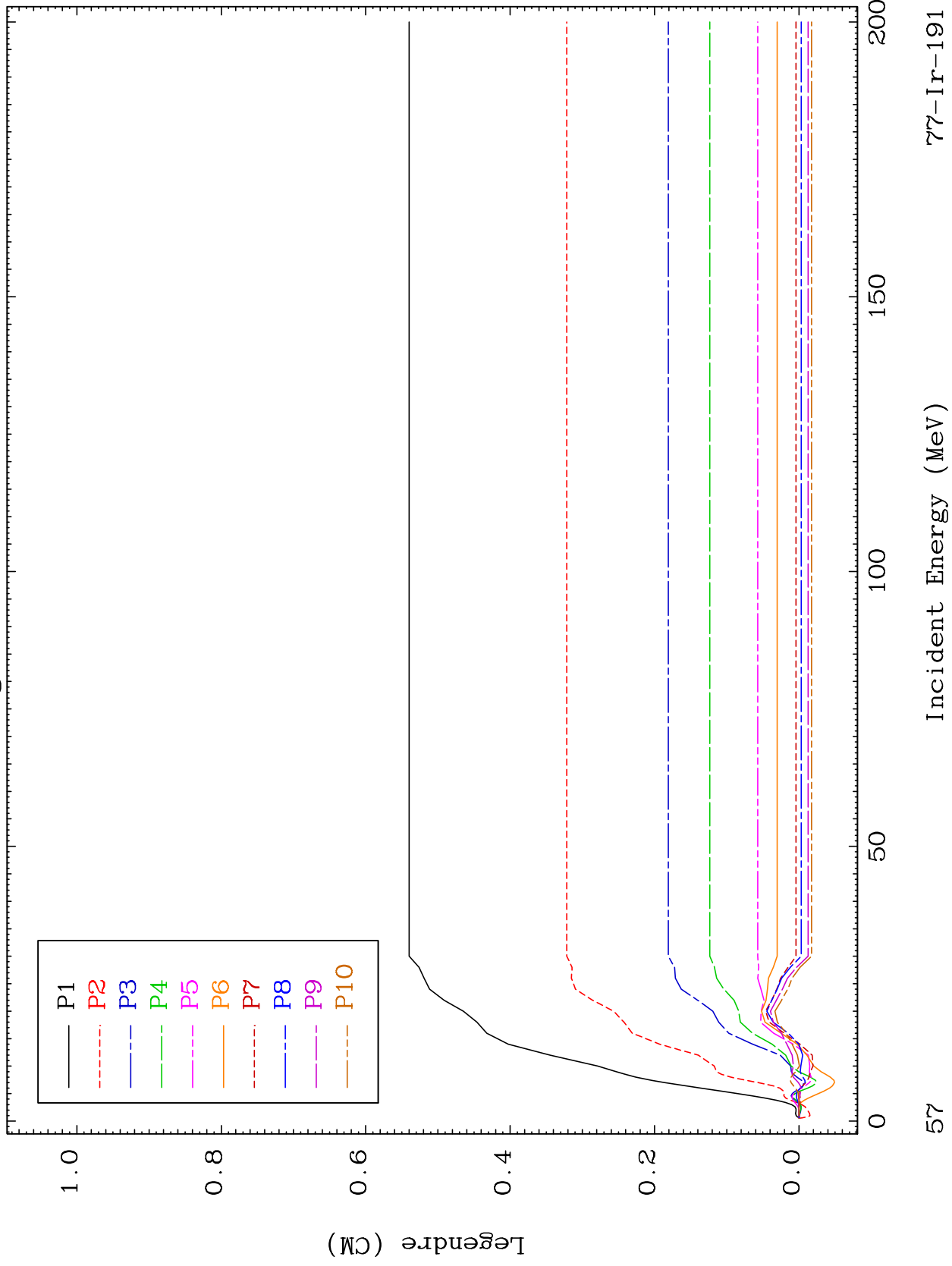
77-Ir-191



MAT 7725

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

77-Ir-191



77-Ir-191

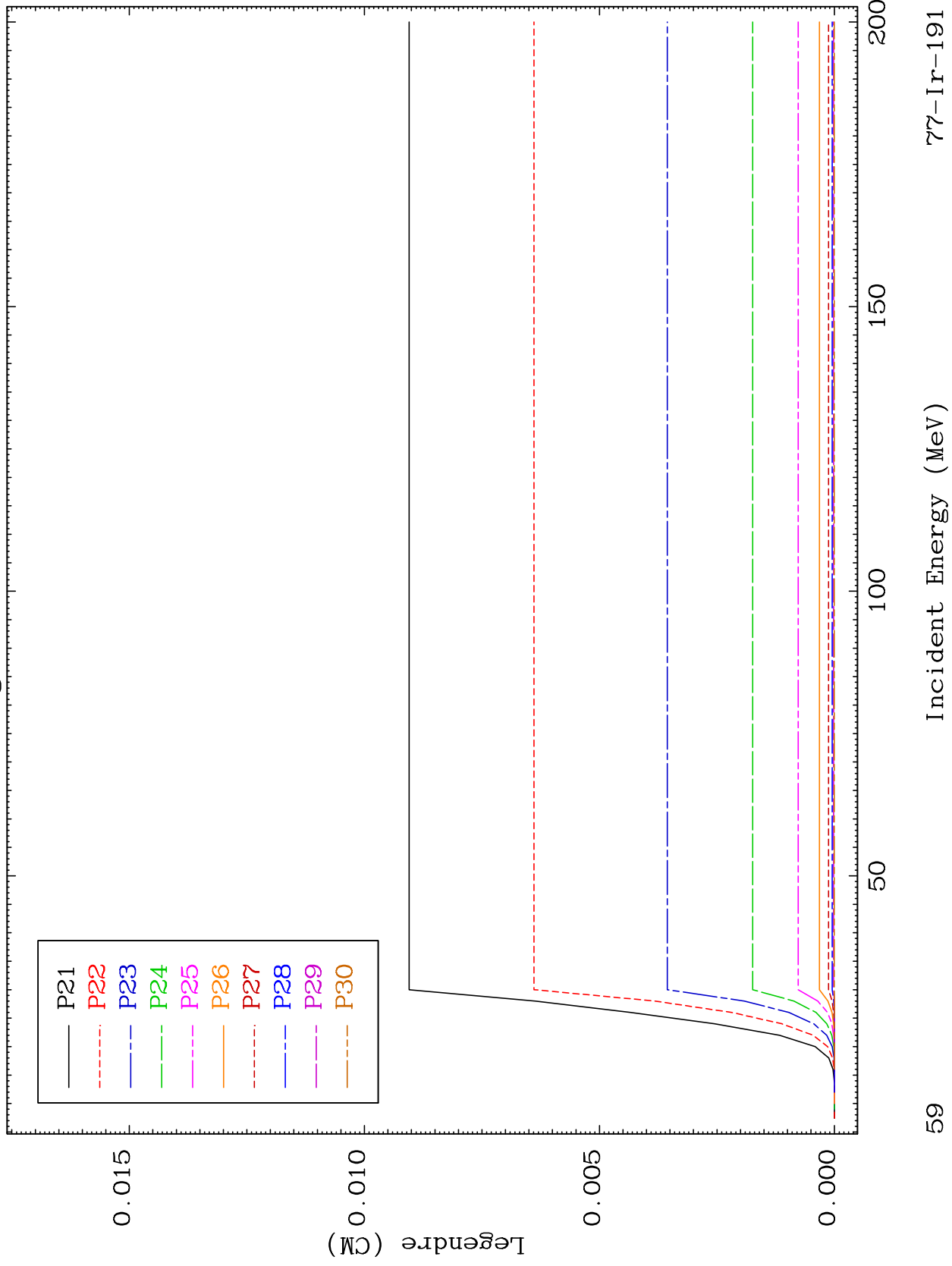
Incident Energy (MeV)

57

MAT 7725

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

77-Ir-191

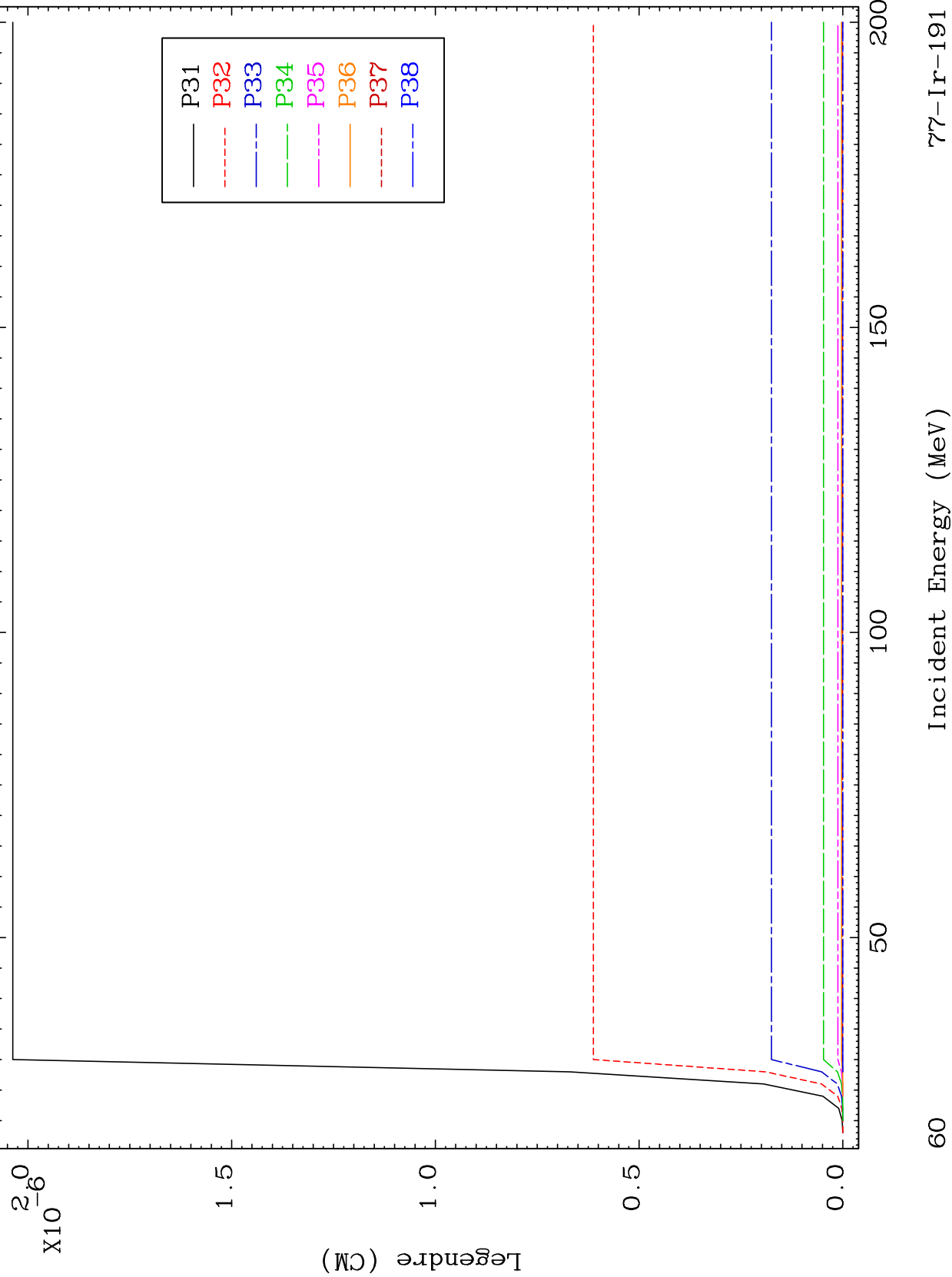


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MAT 7725

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

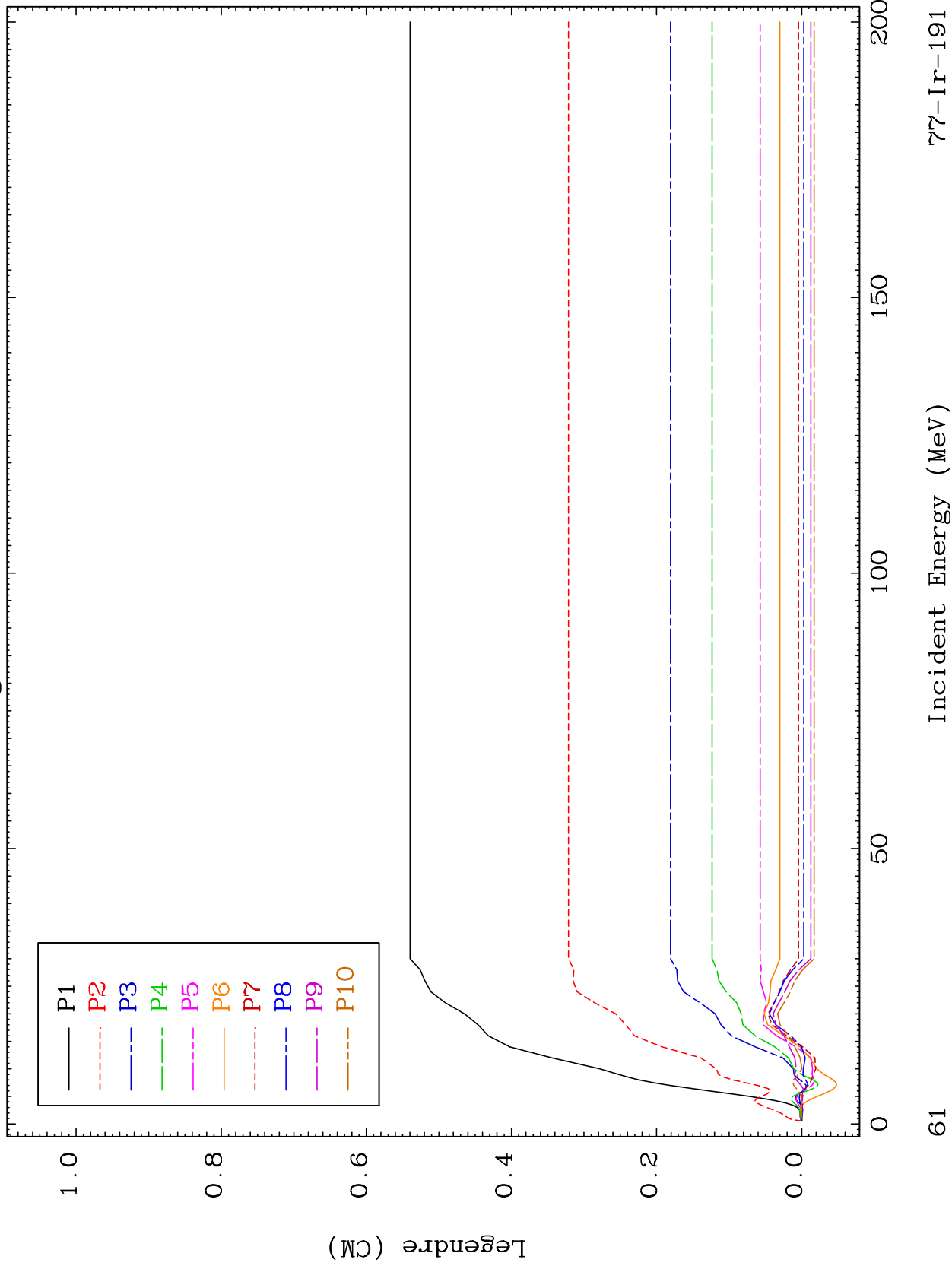
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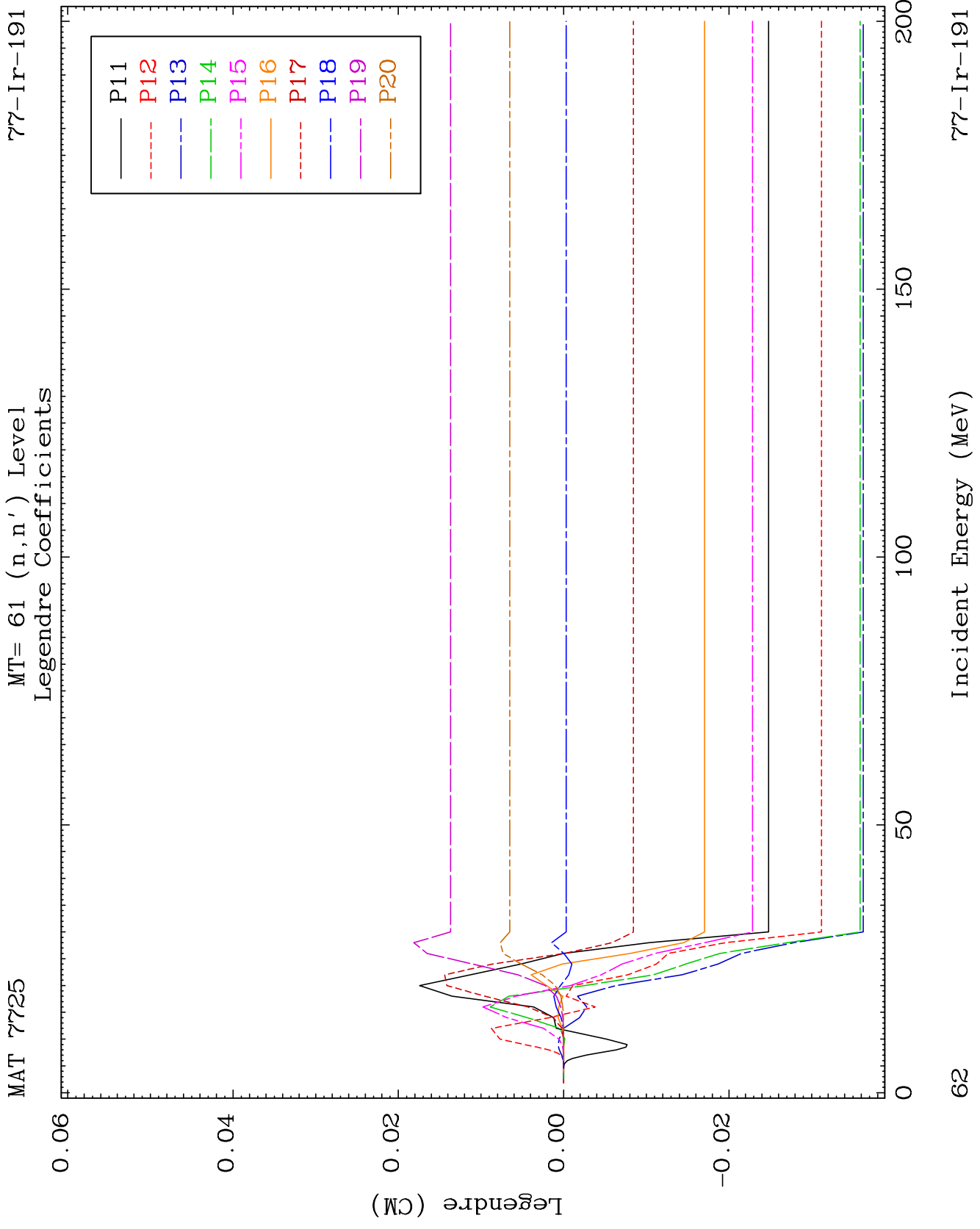


MAT 7725

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

77-Ir-191

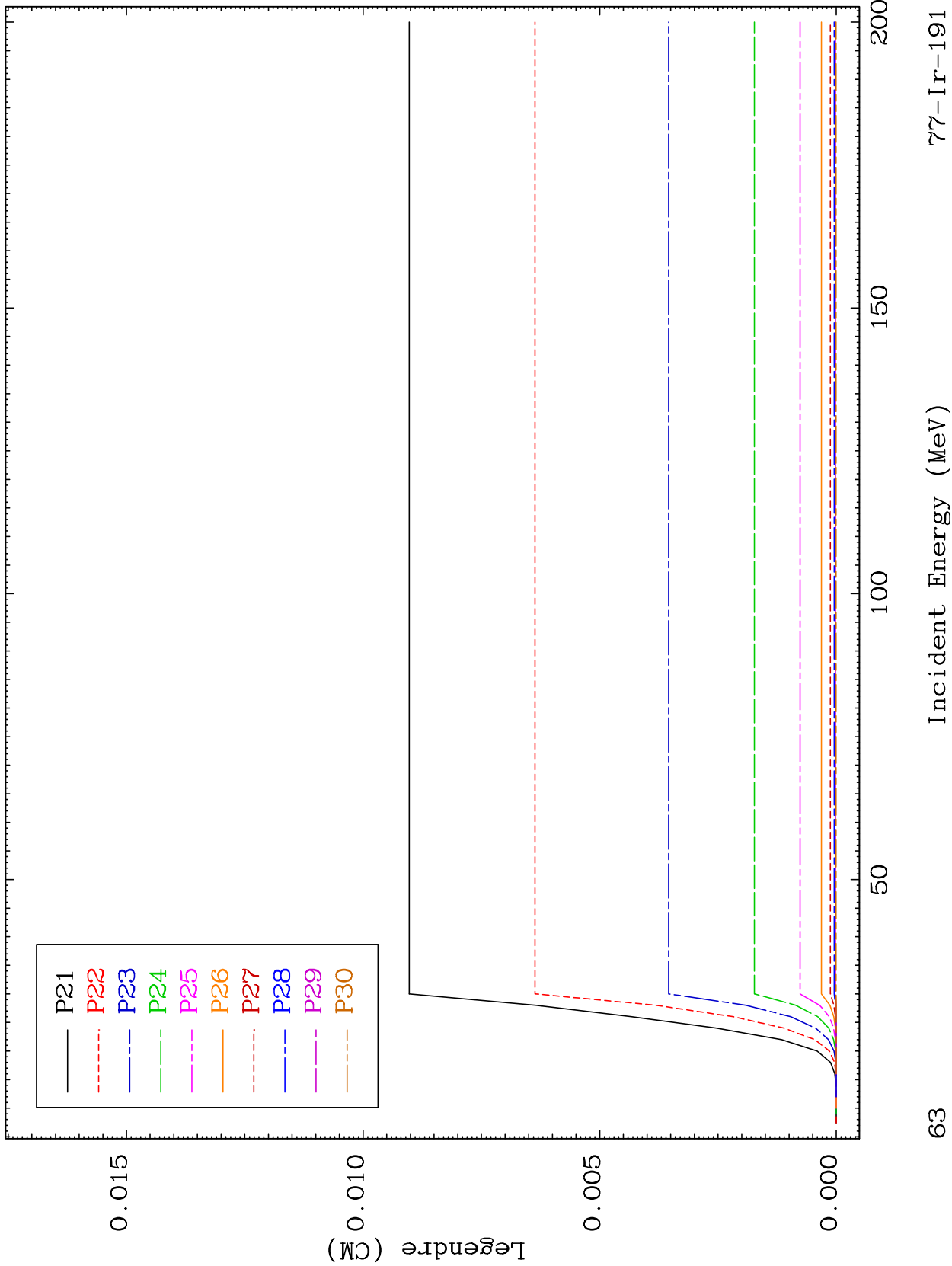




MAT 7725

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

77-Ir-191



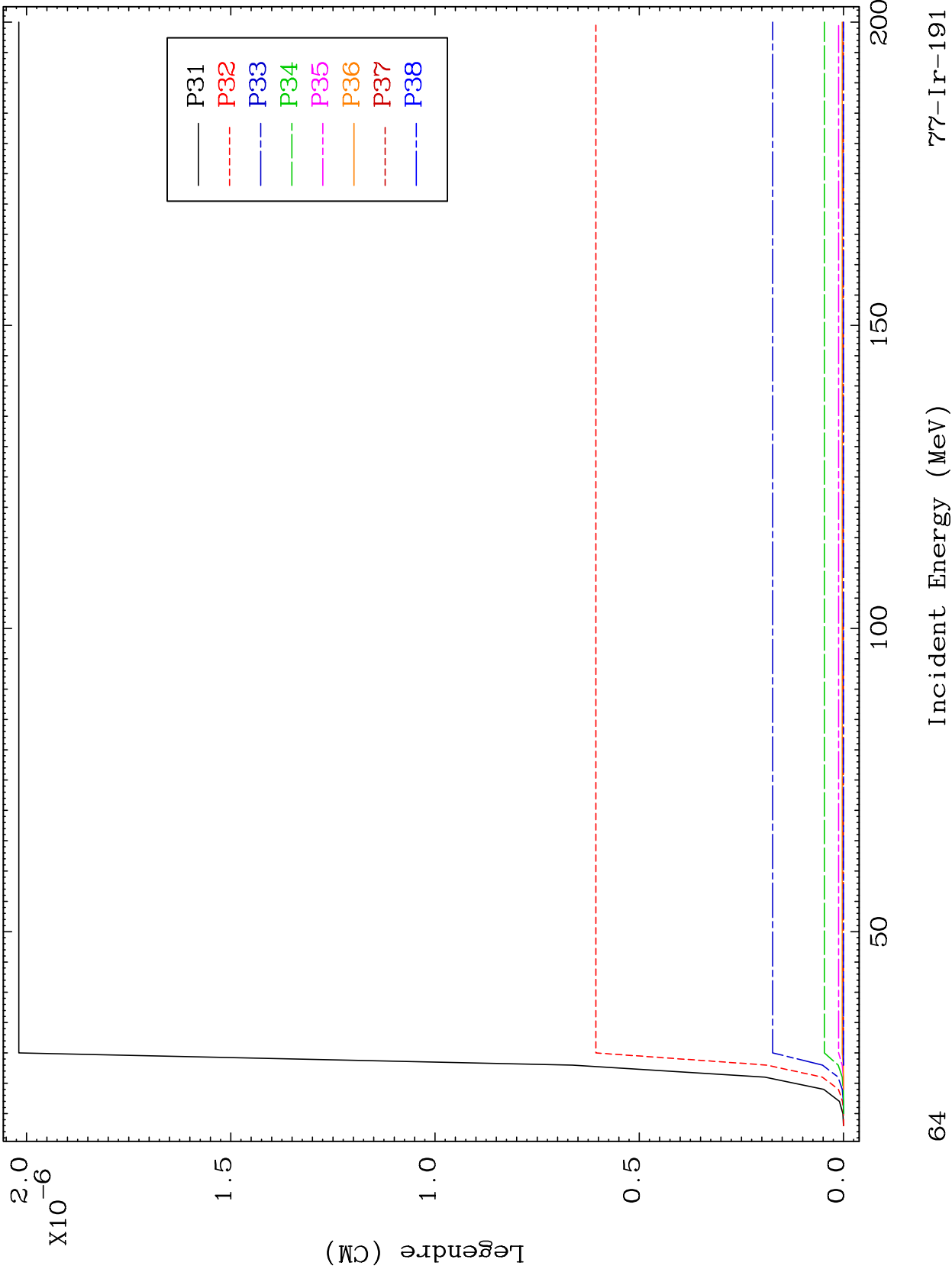
63

77-Ir-191

MAT 7725

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

77-Ir-191



64

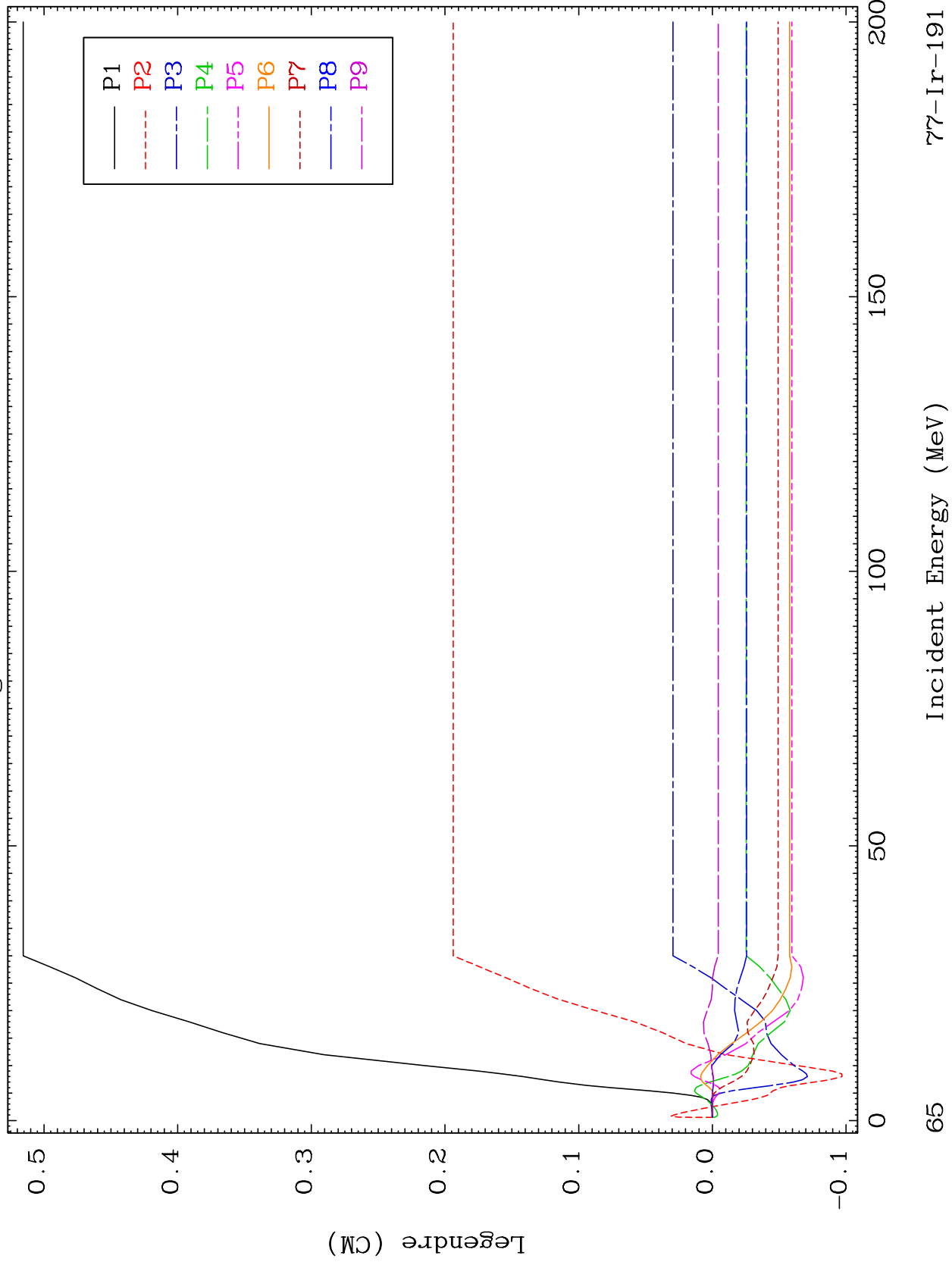
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



77-Ir-191

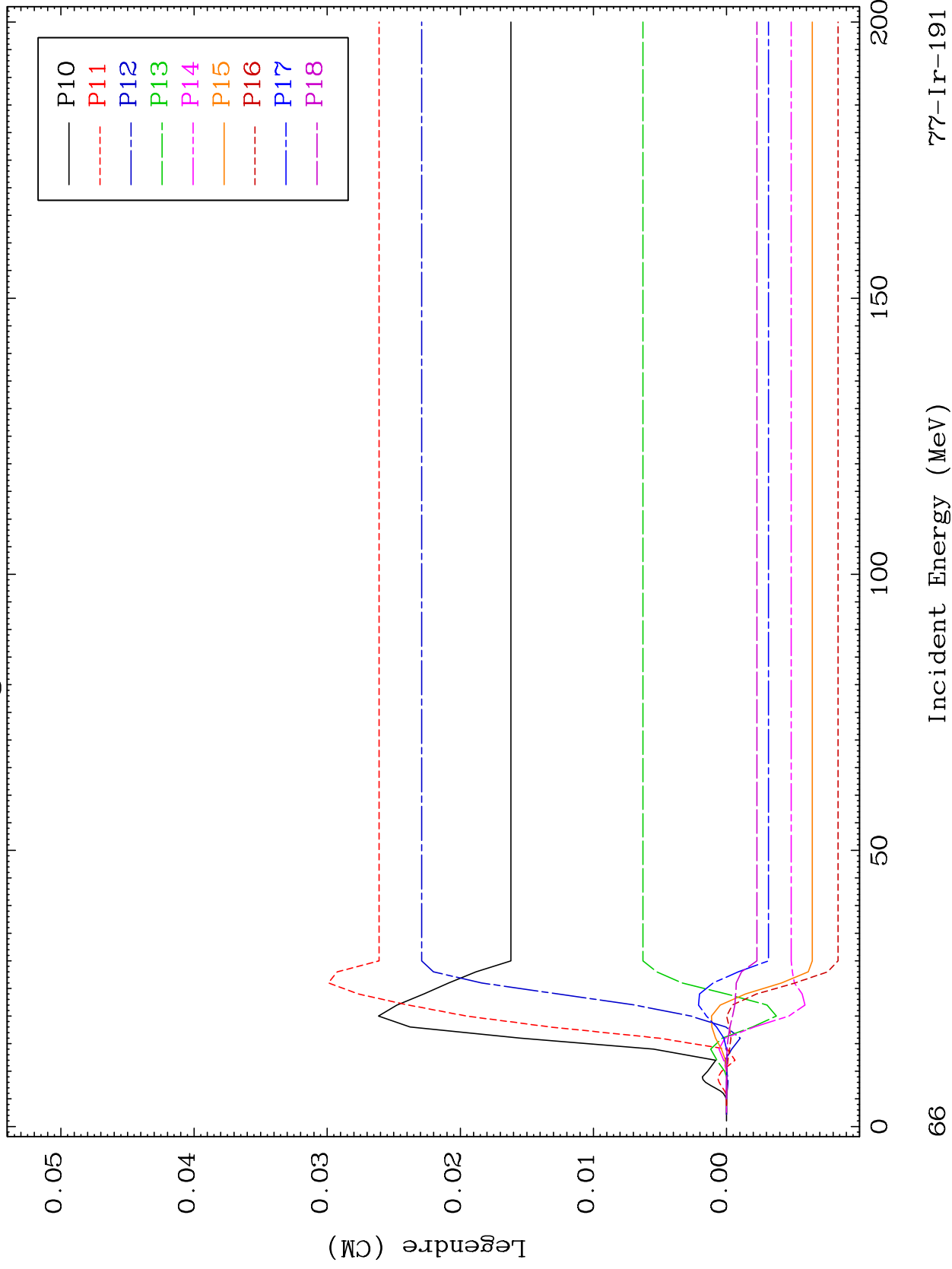
Incident Energy (MeV)

65

MAT 7725

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

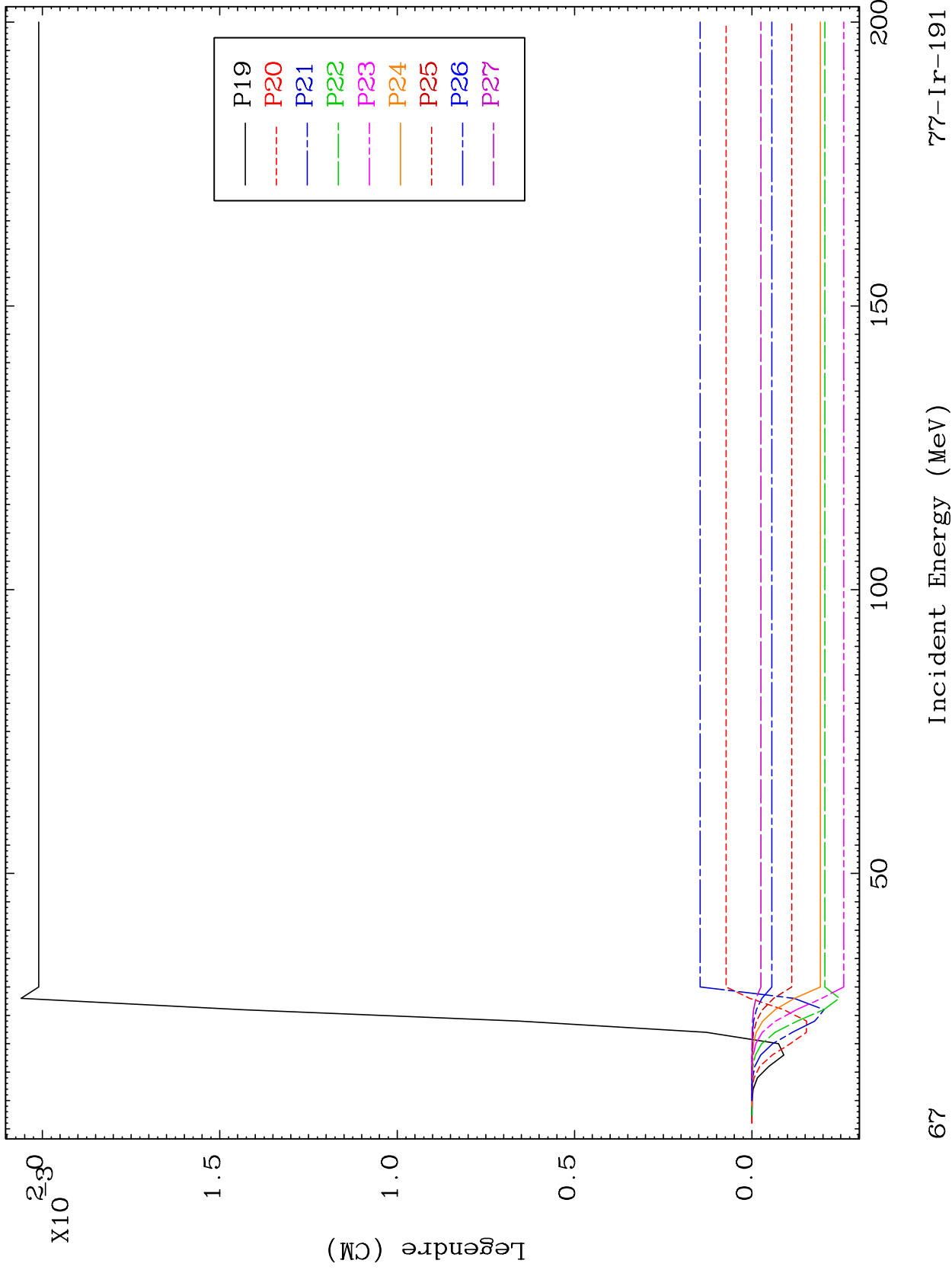
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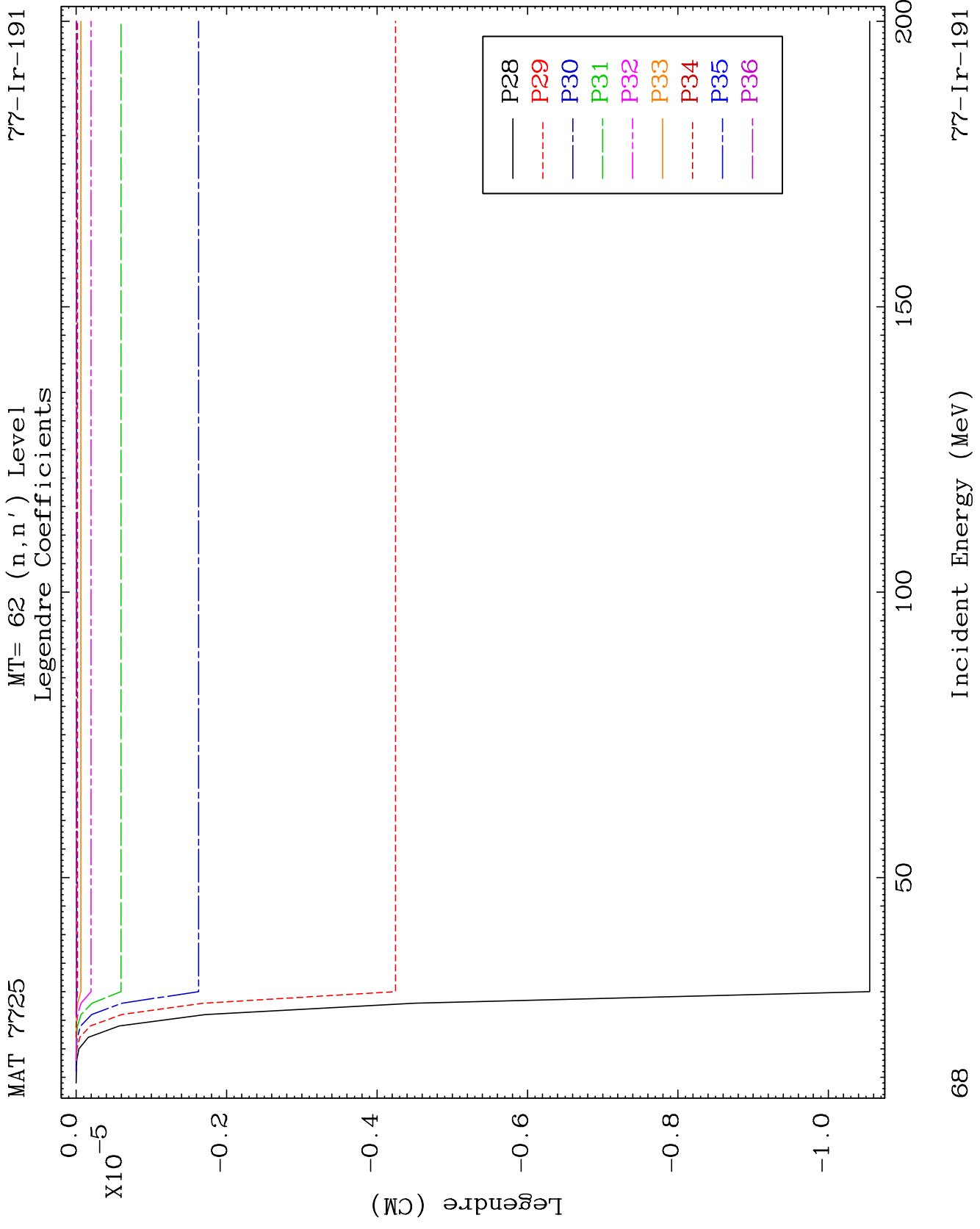


77-Ir-191

Incident Energy (MeV)

66

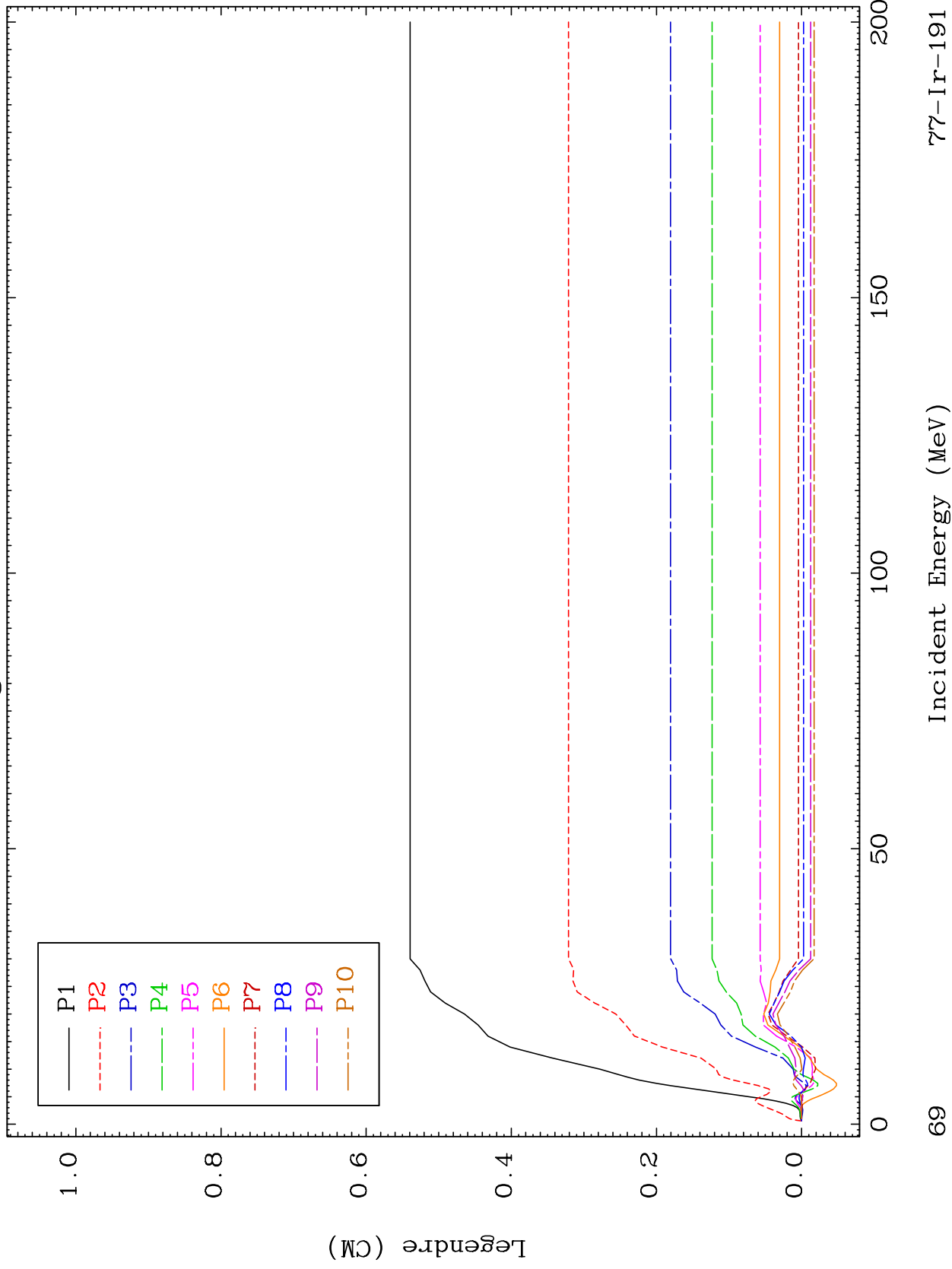




MAT 7725

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

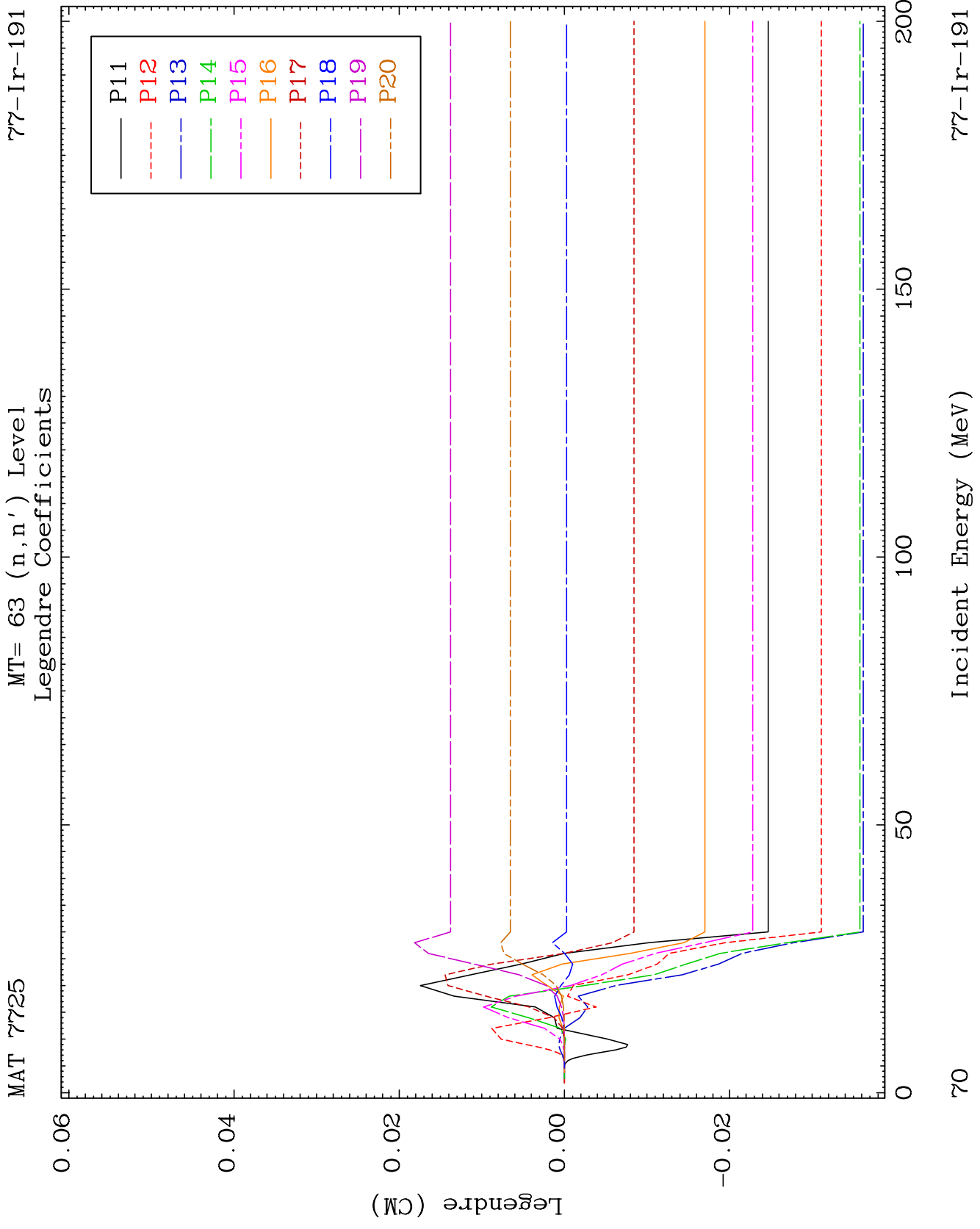
77-Ir-191



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Incident Energy (MeV)

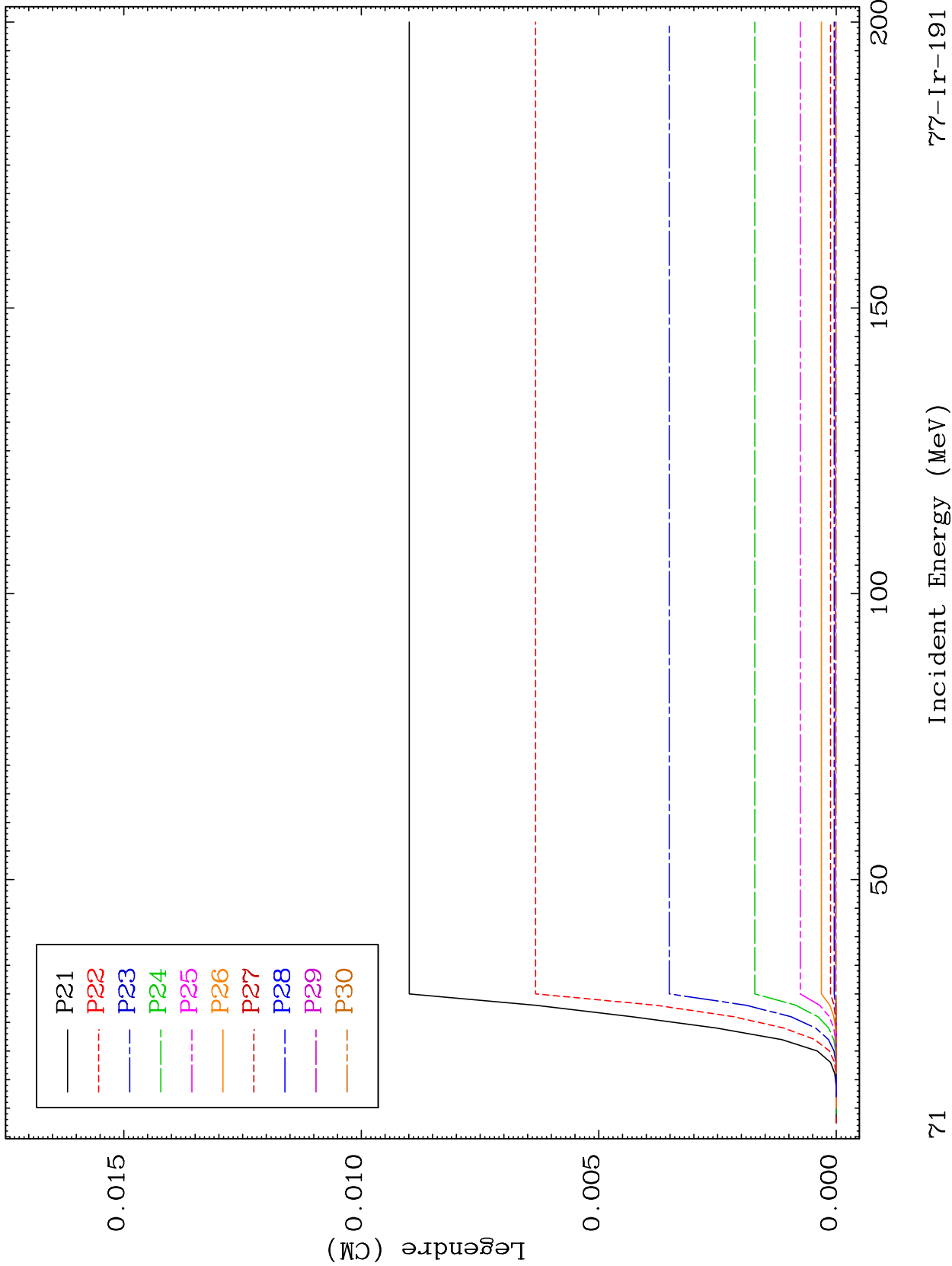
77-Ir-191



MAT 7725

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

77-Ir-191



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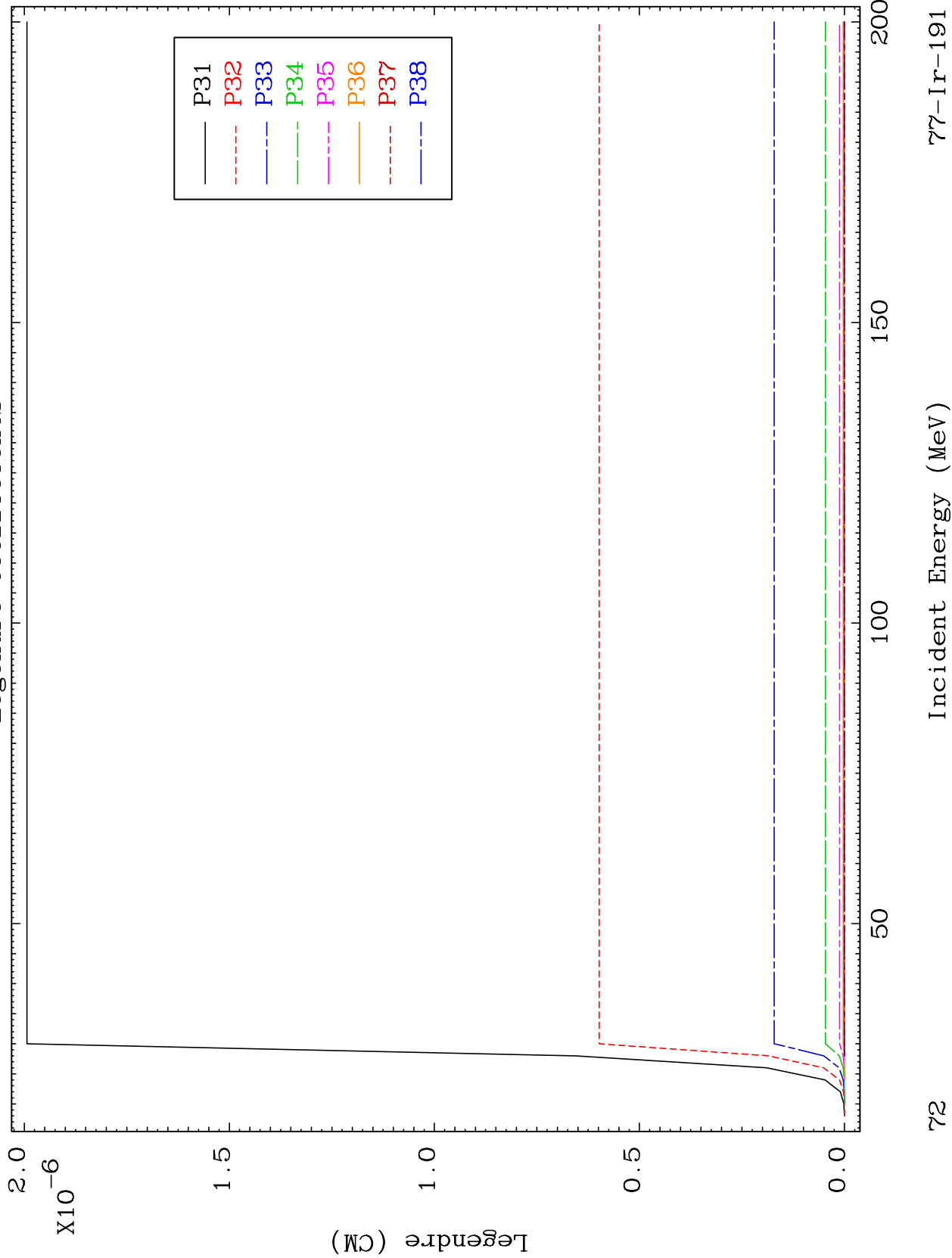
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



72

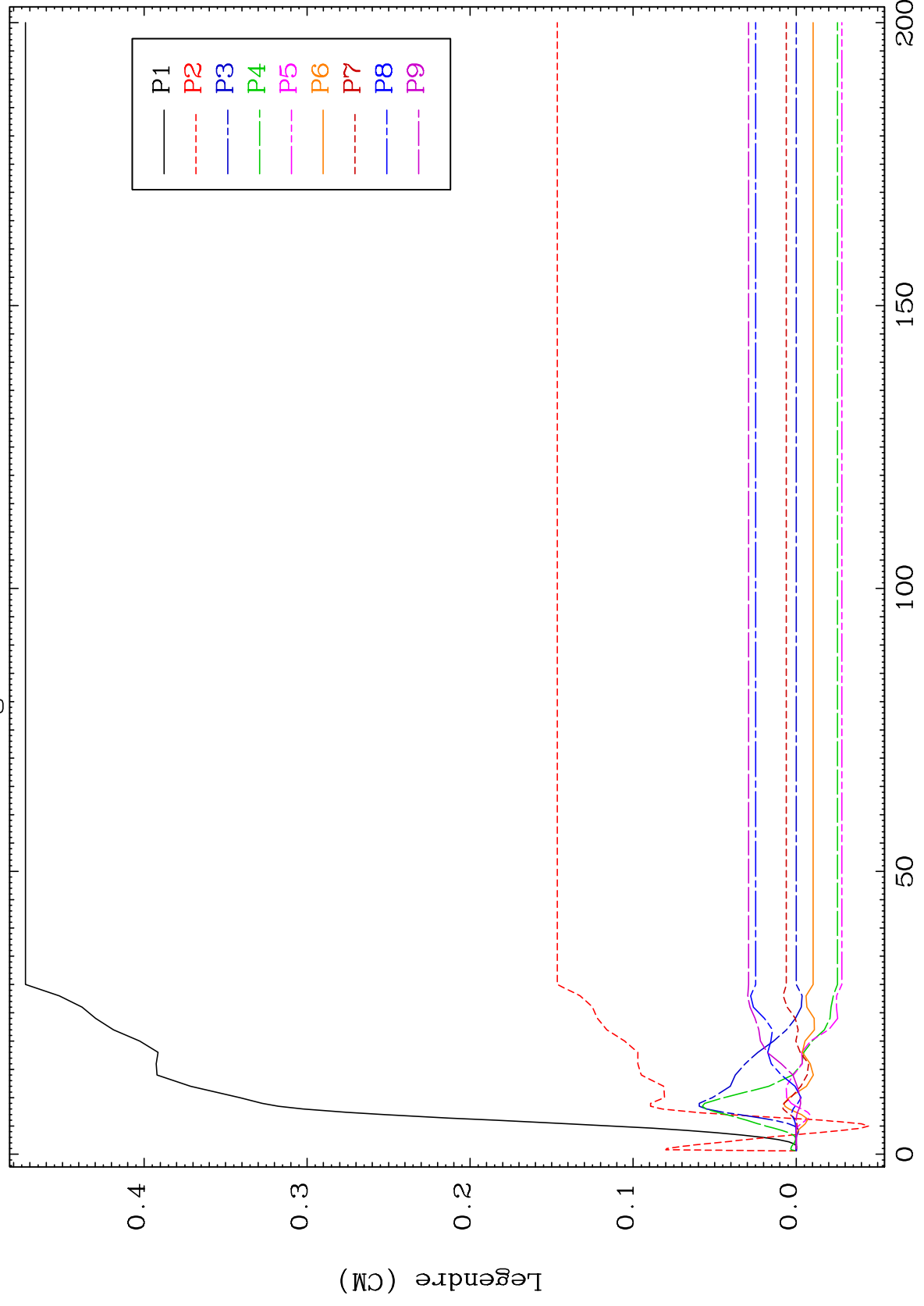
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



77-Ir-191

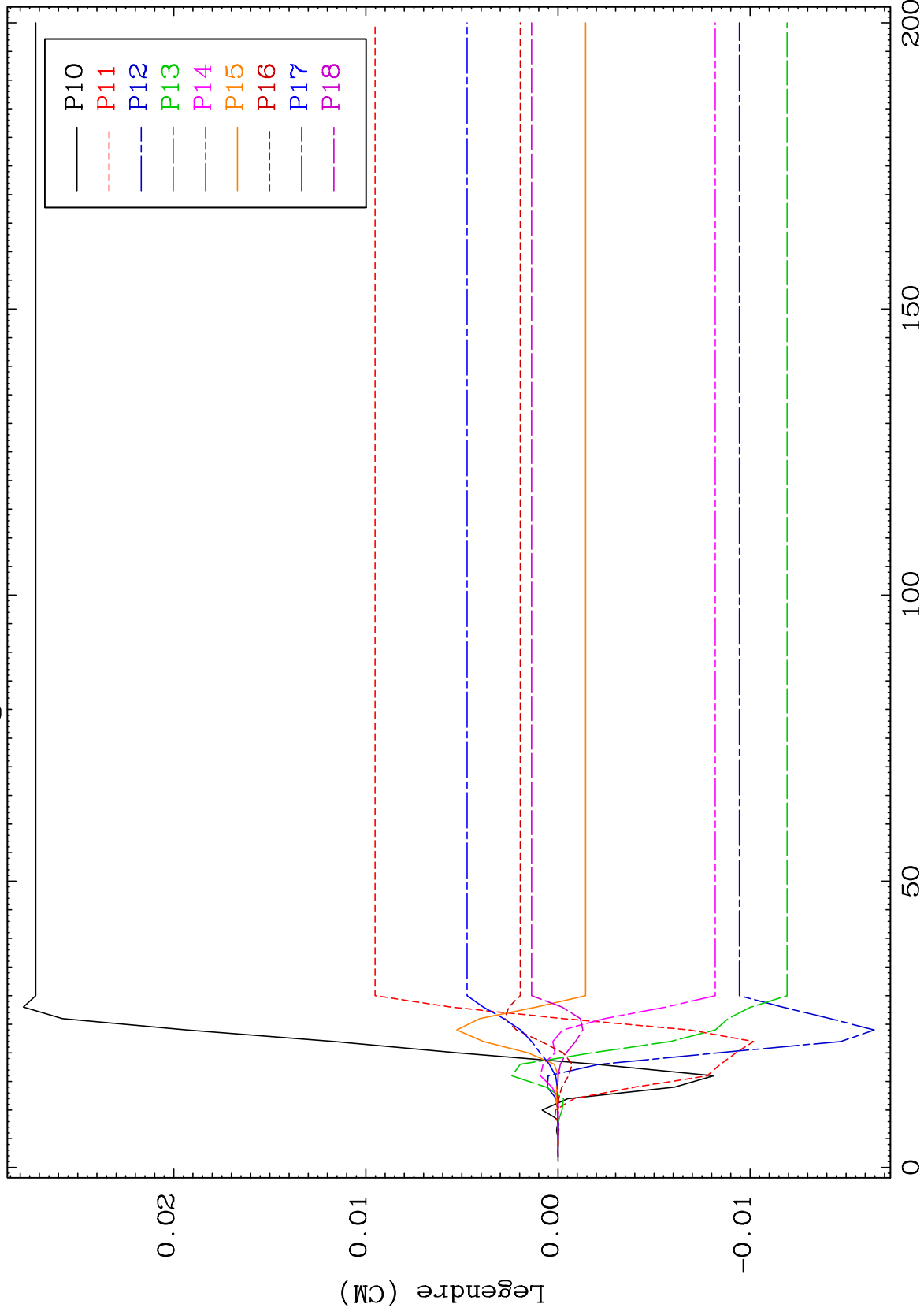
Incident Energy (MeV)

73

MAT 7725

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

77-Ir-191



74

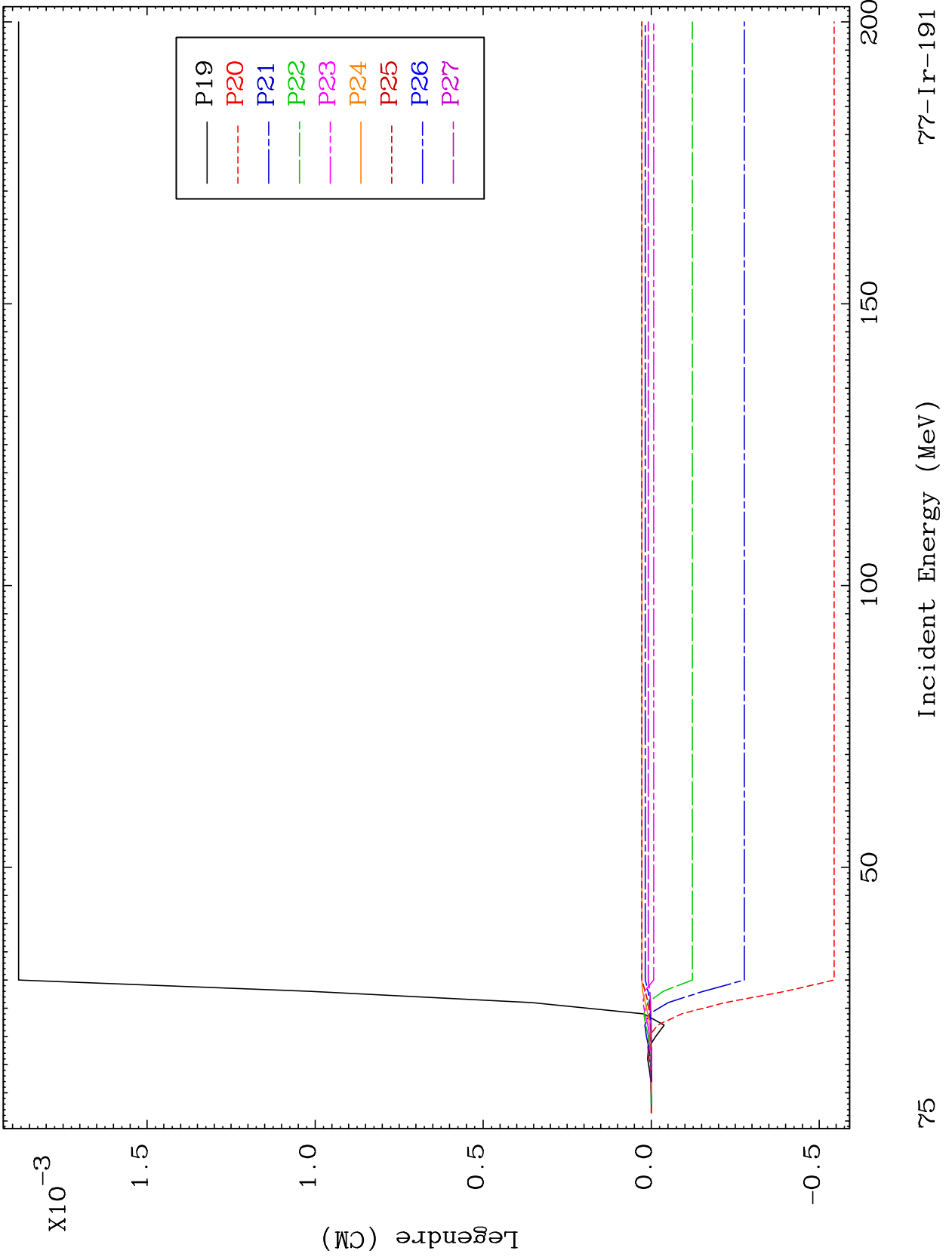
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



75

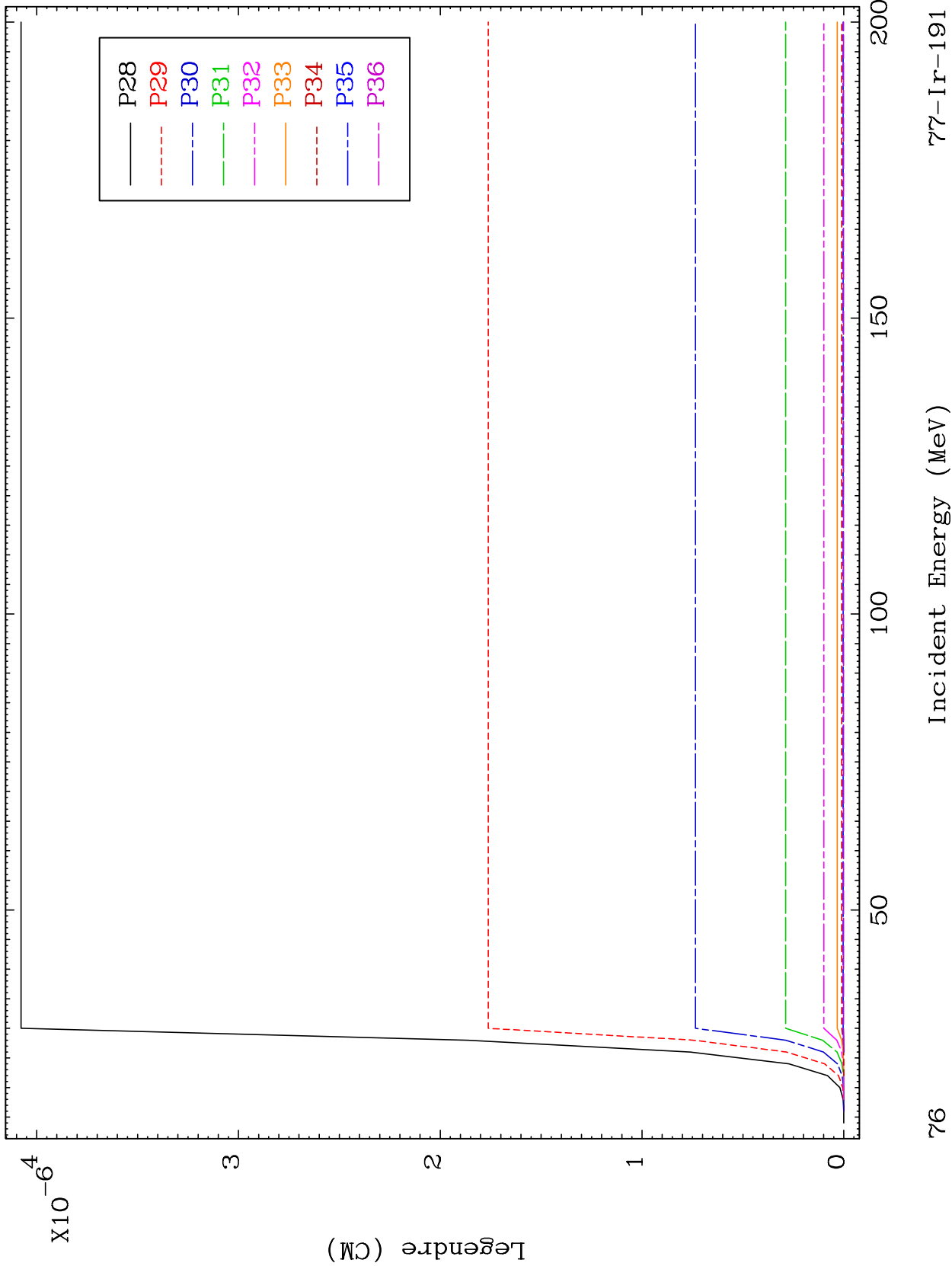
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

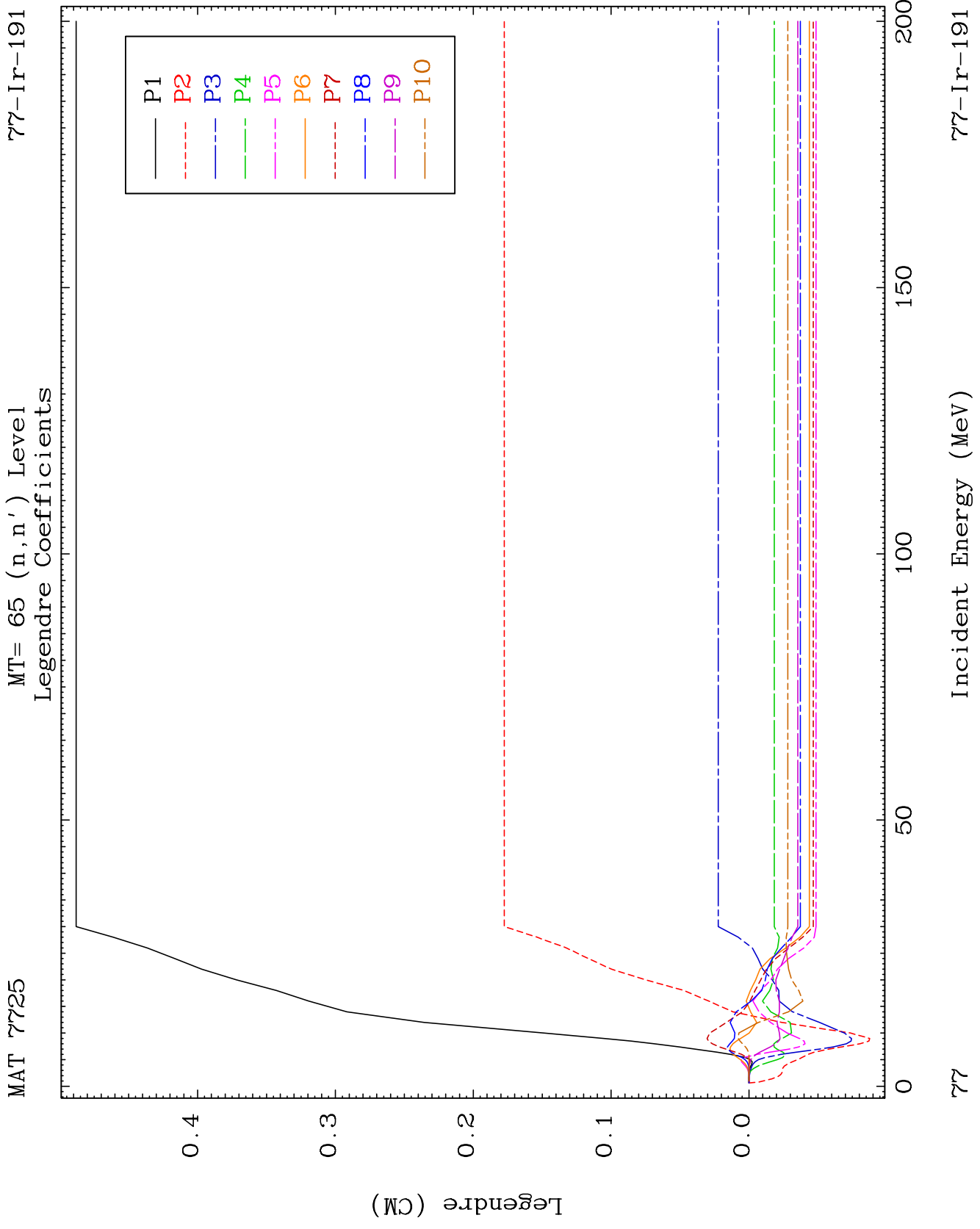
77-Ir-191



76

Incident Energy (MeV)

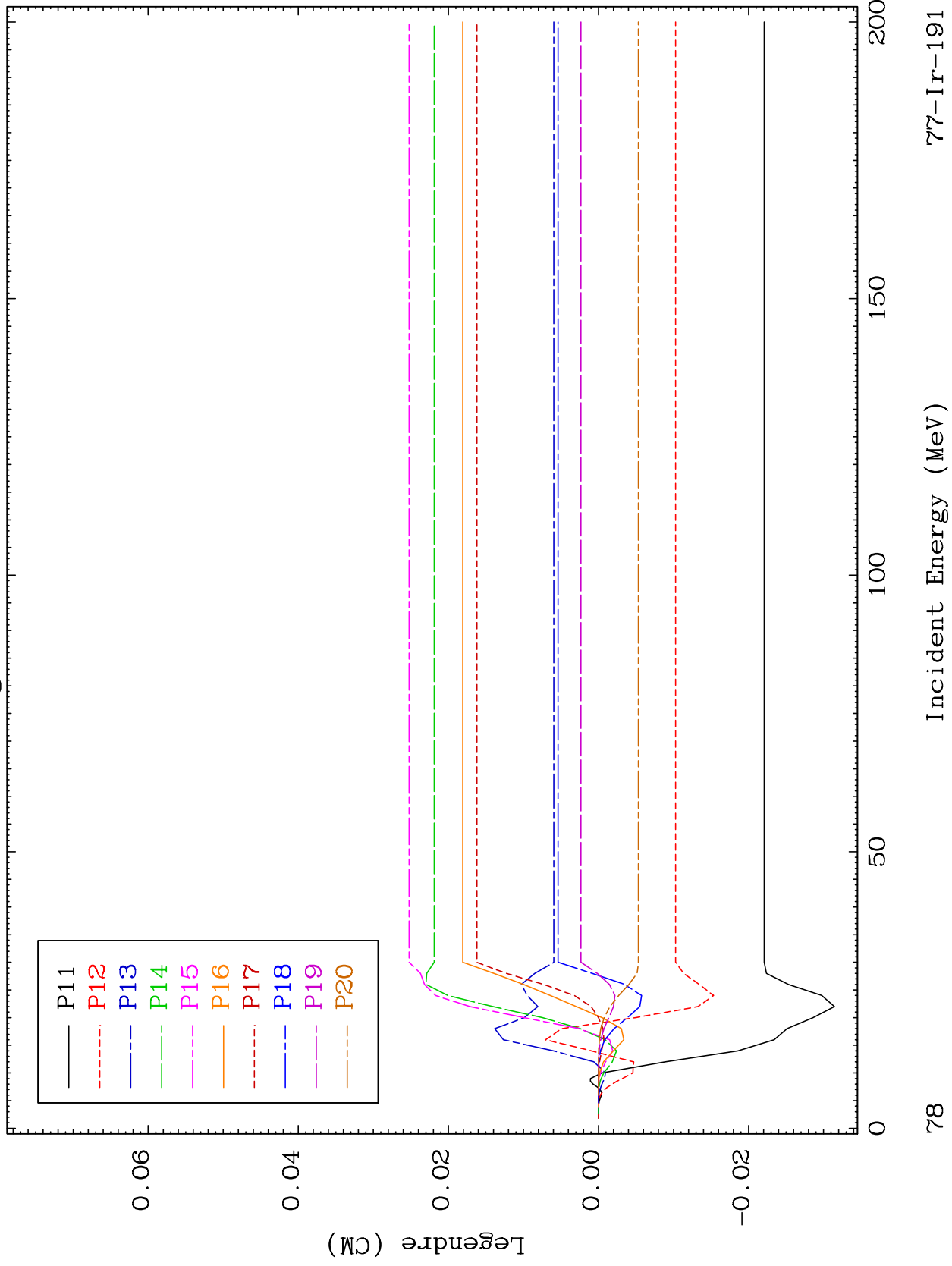
77-Ir-191



MAT 7725

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

77-Ir-191



78

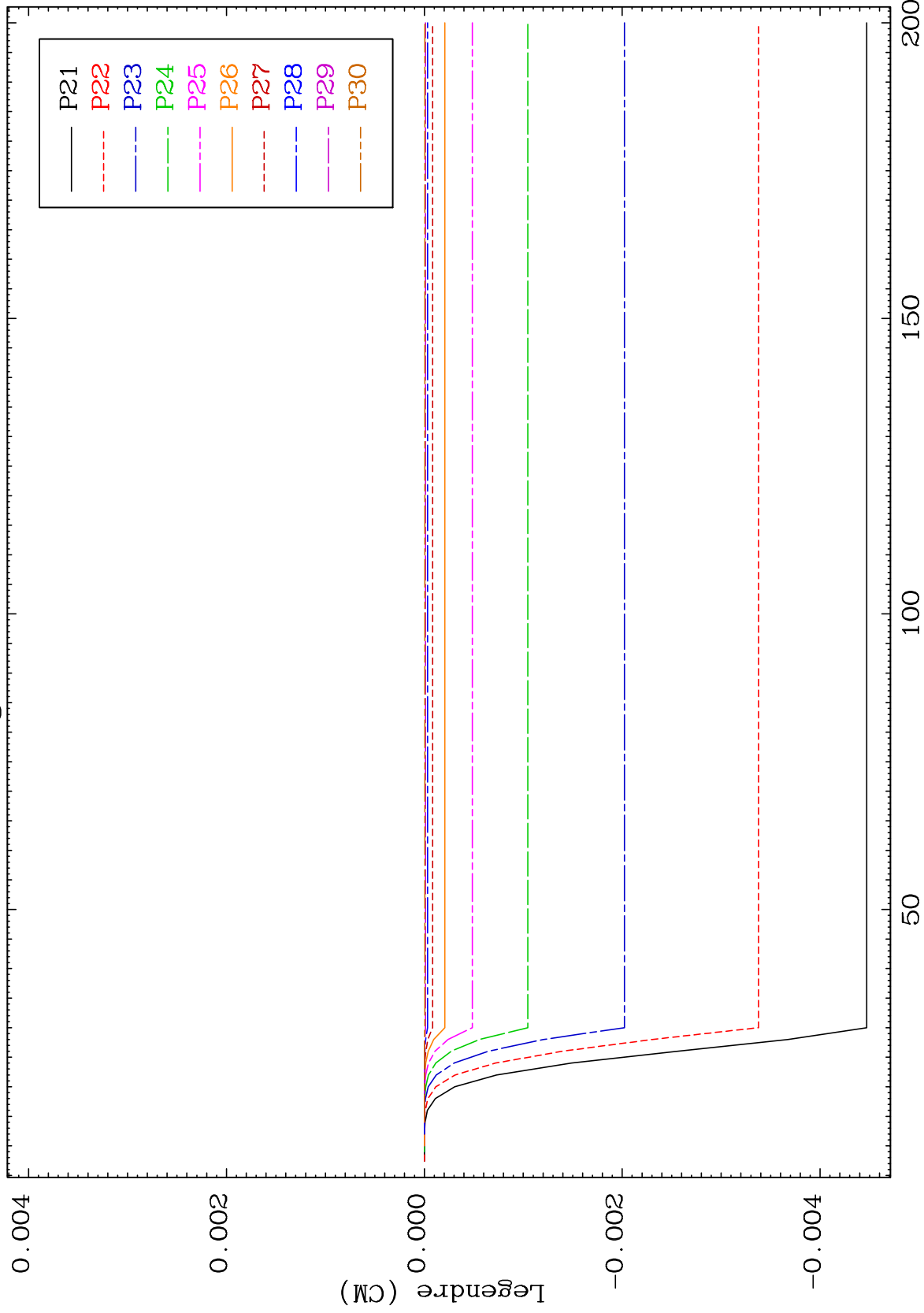
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

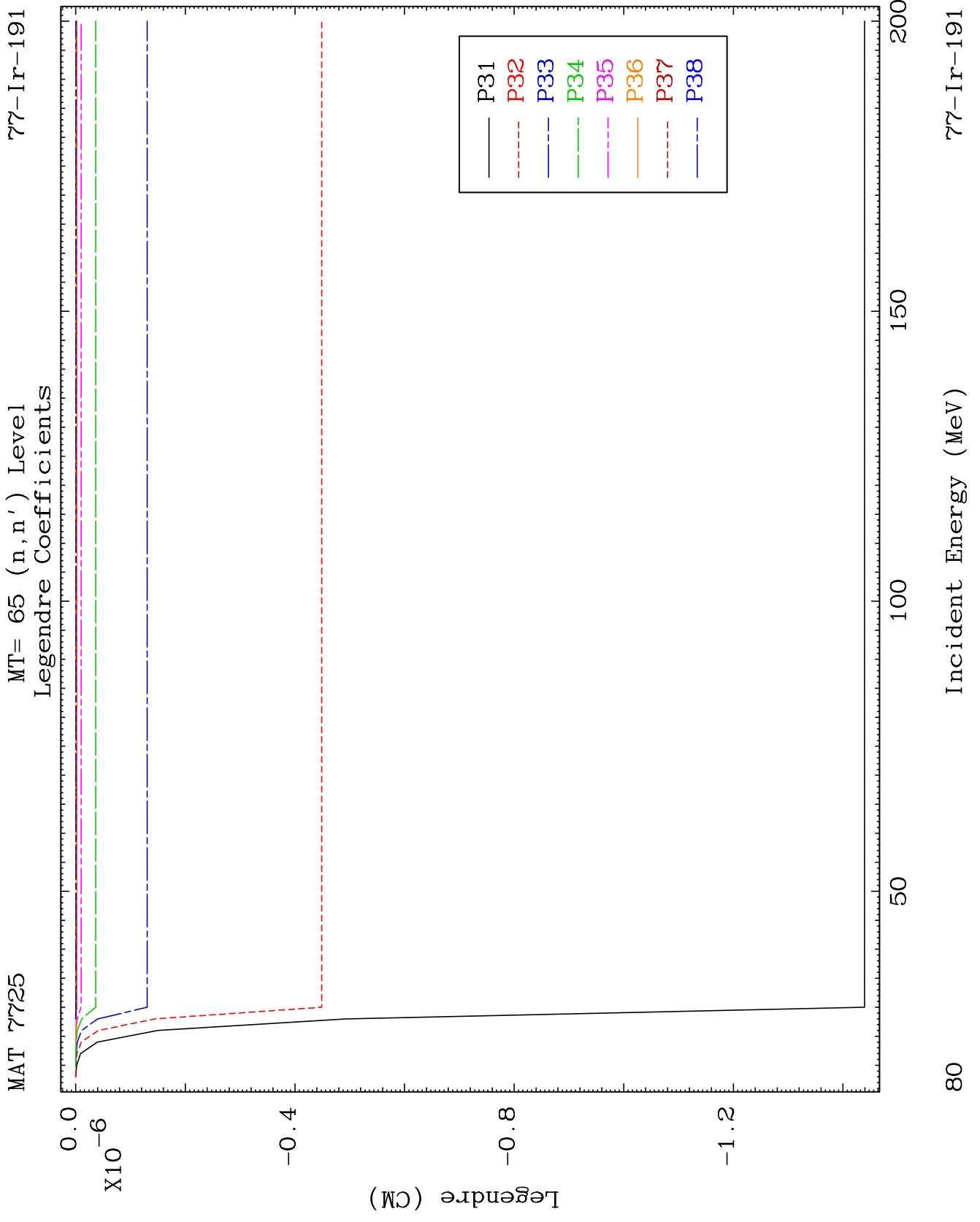
77-Ir-191



79

Incident Energy (MeV)

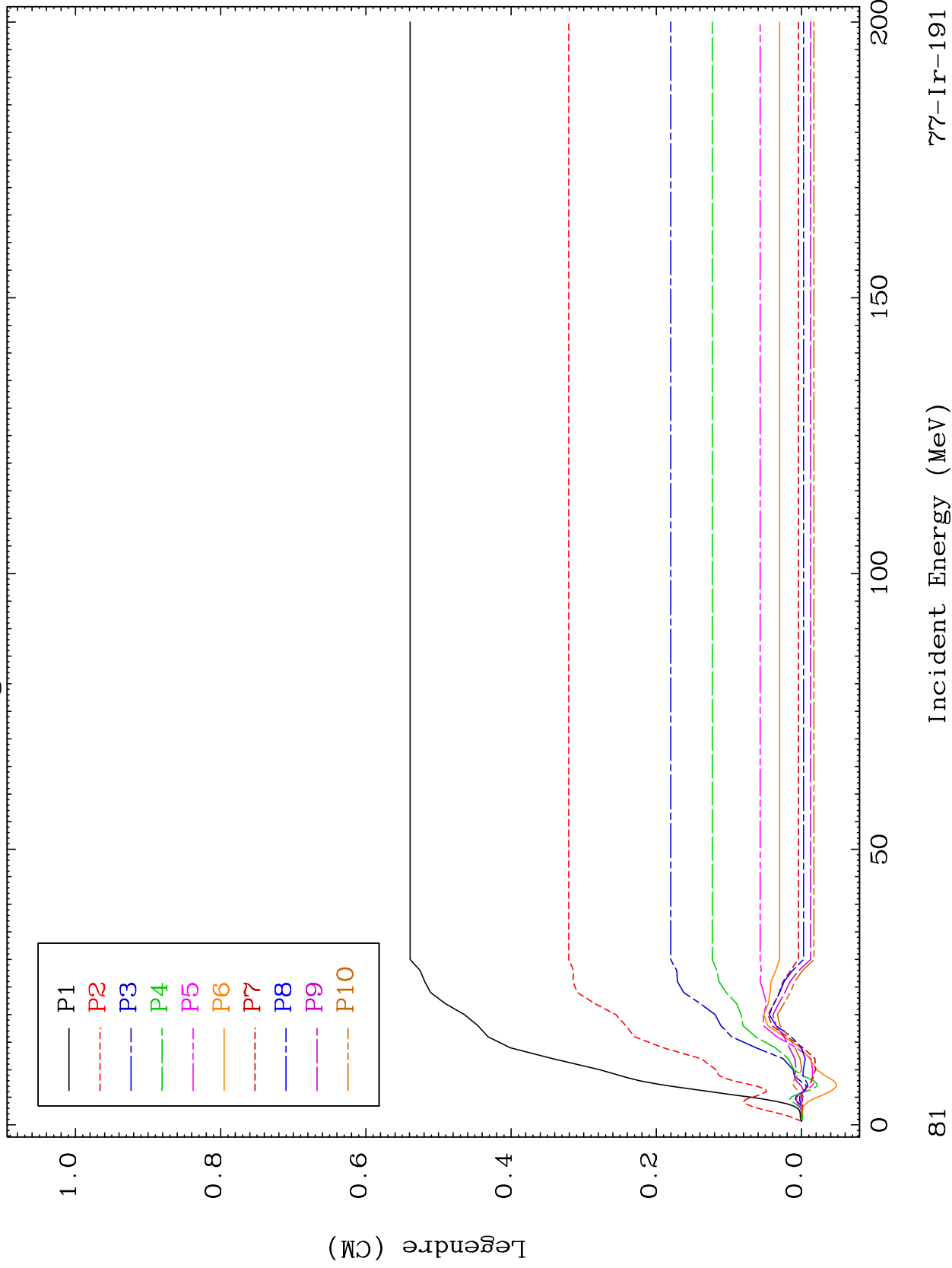
77-Ir-191



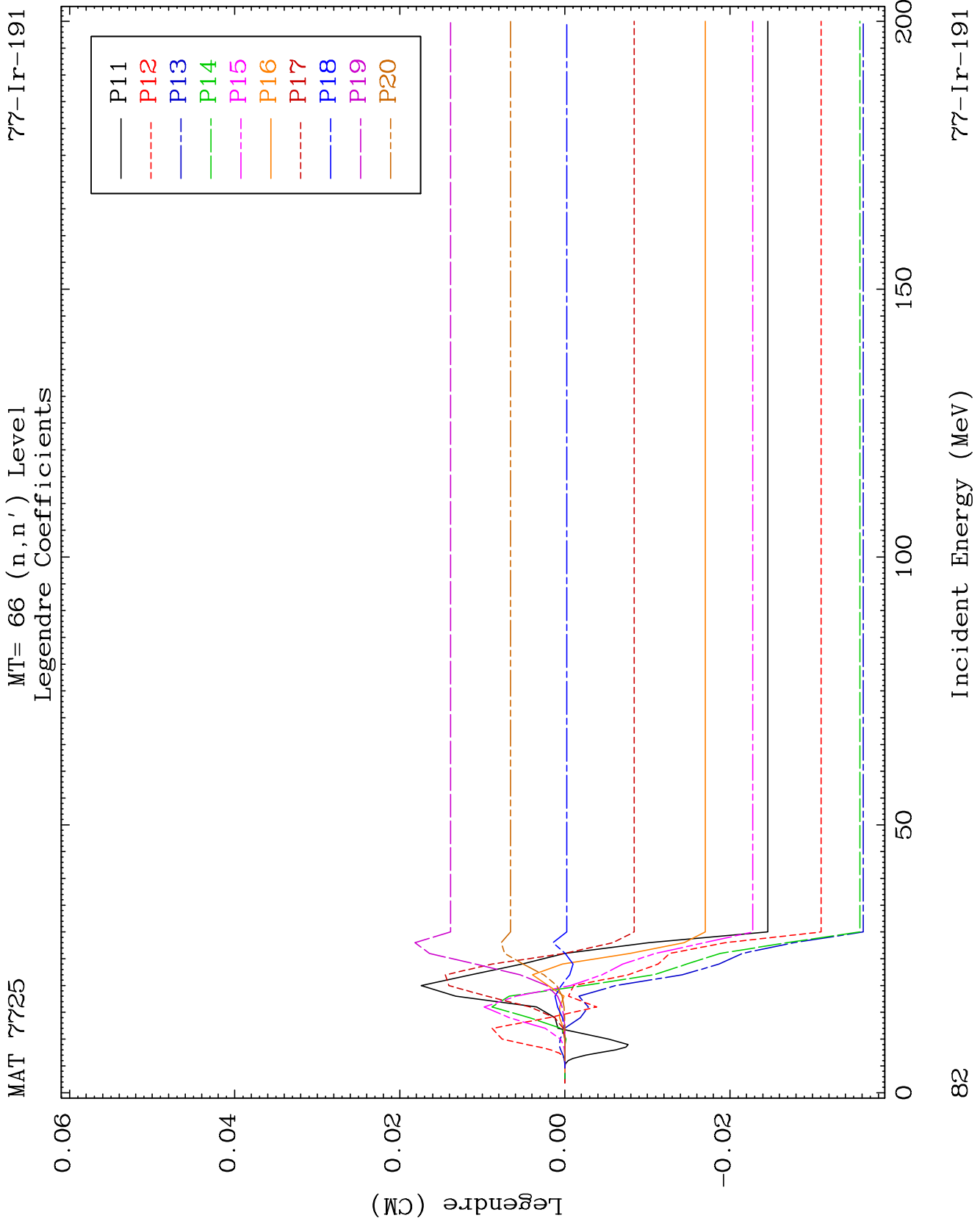
MAT 7725

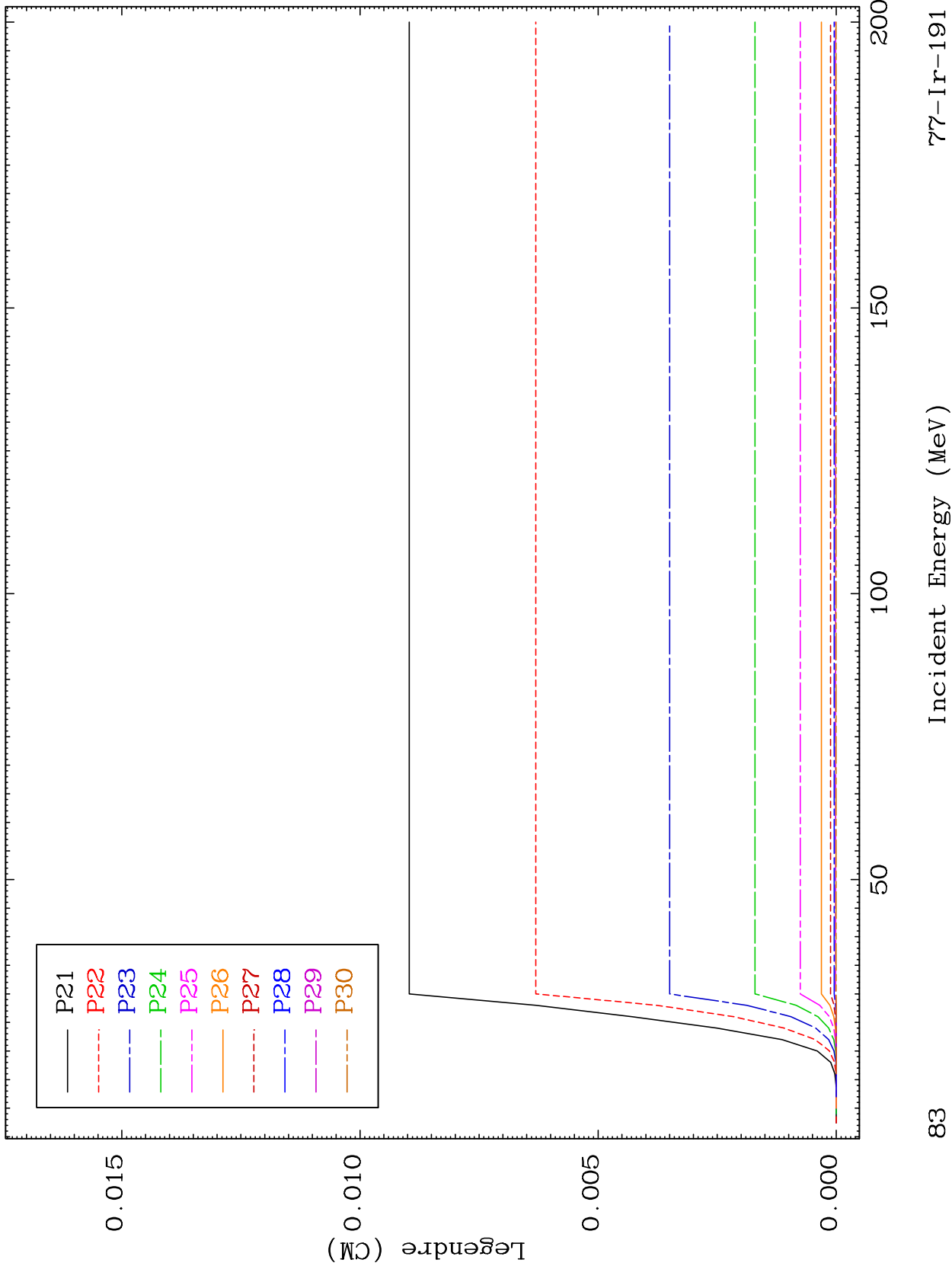
MT= 66 (n,n') Level
Legendre Coefficients

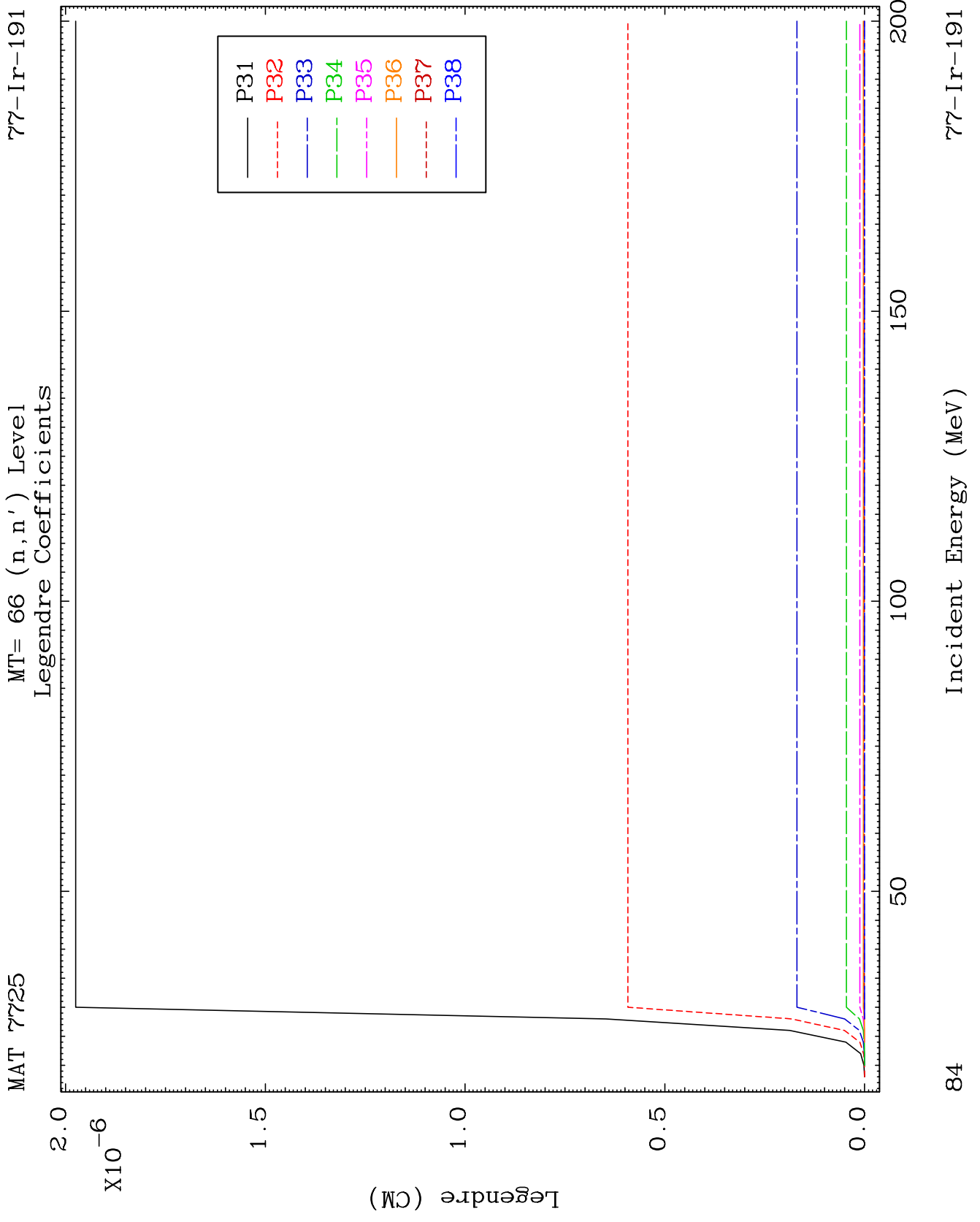
77-Ir-191

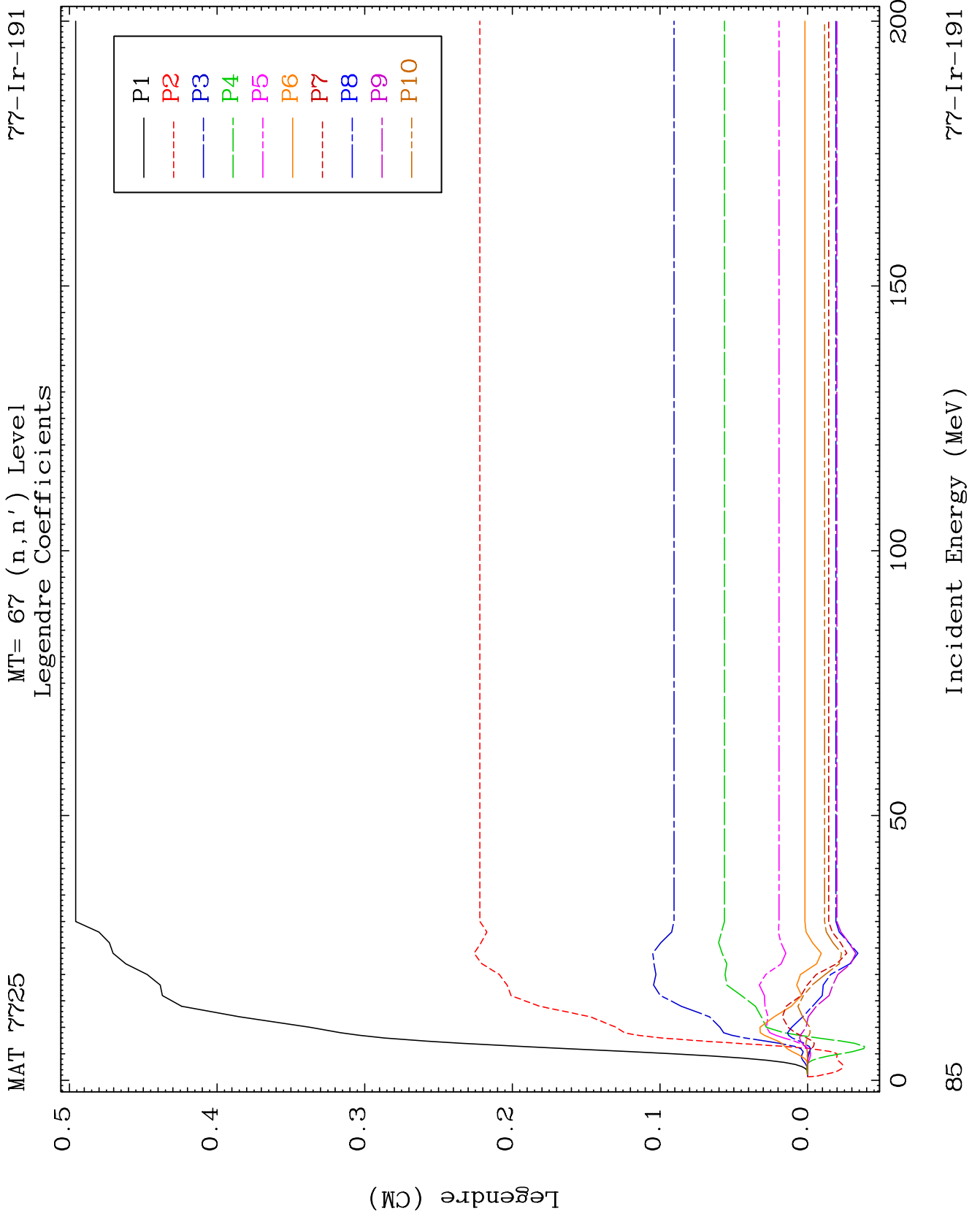


81





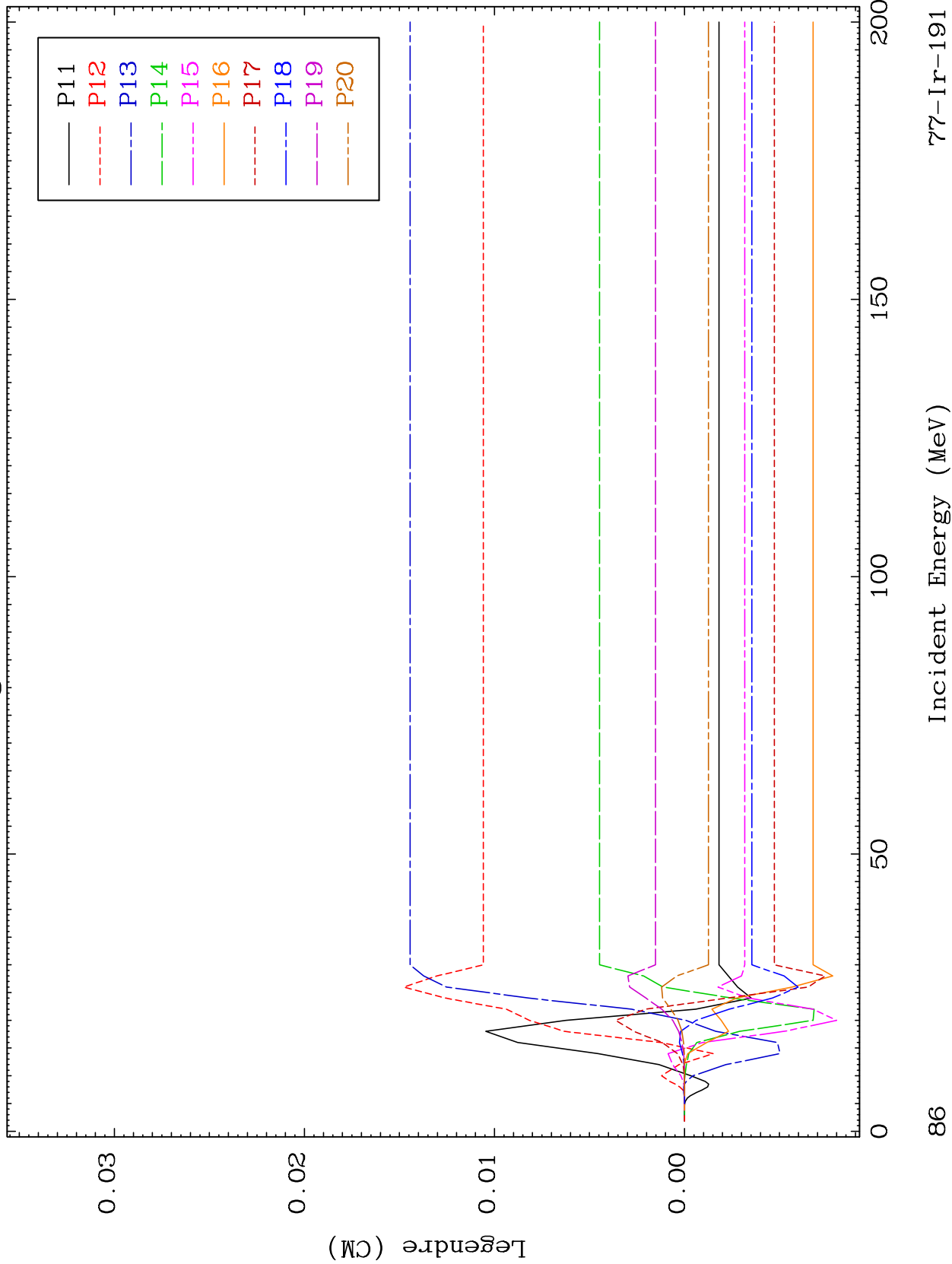




MAT 7725

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

77-Ir-191



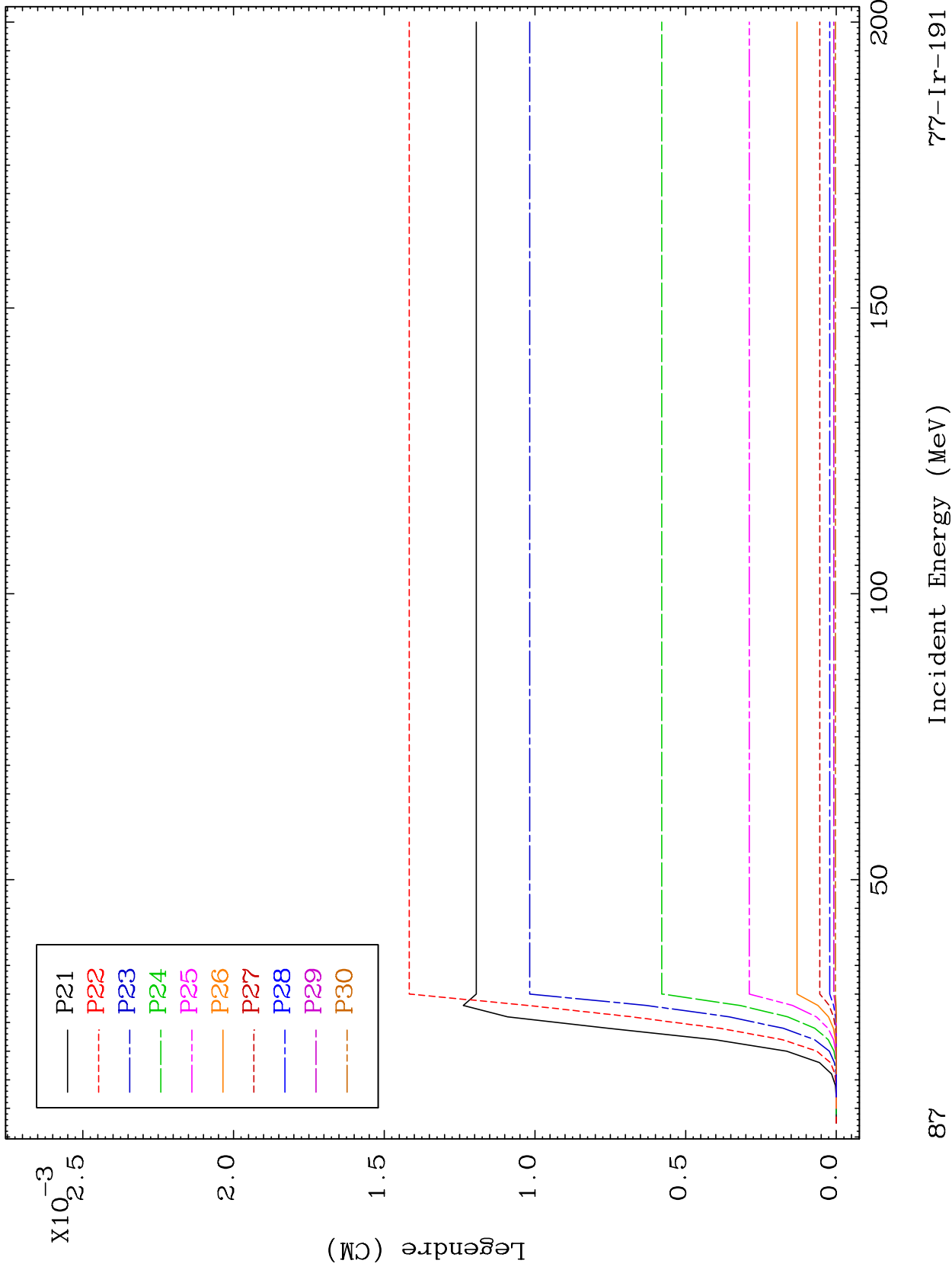
86

77-Ir-191

MAT 7725

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

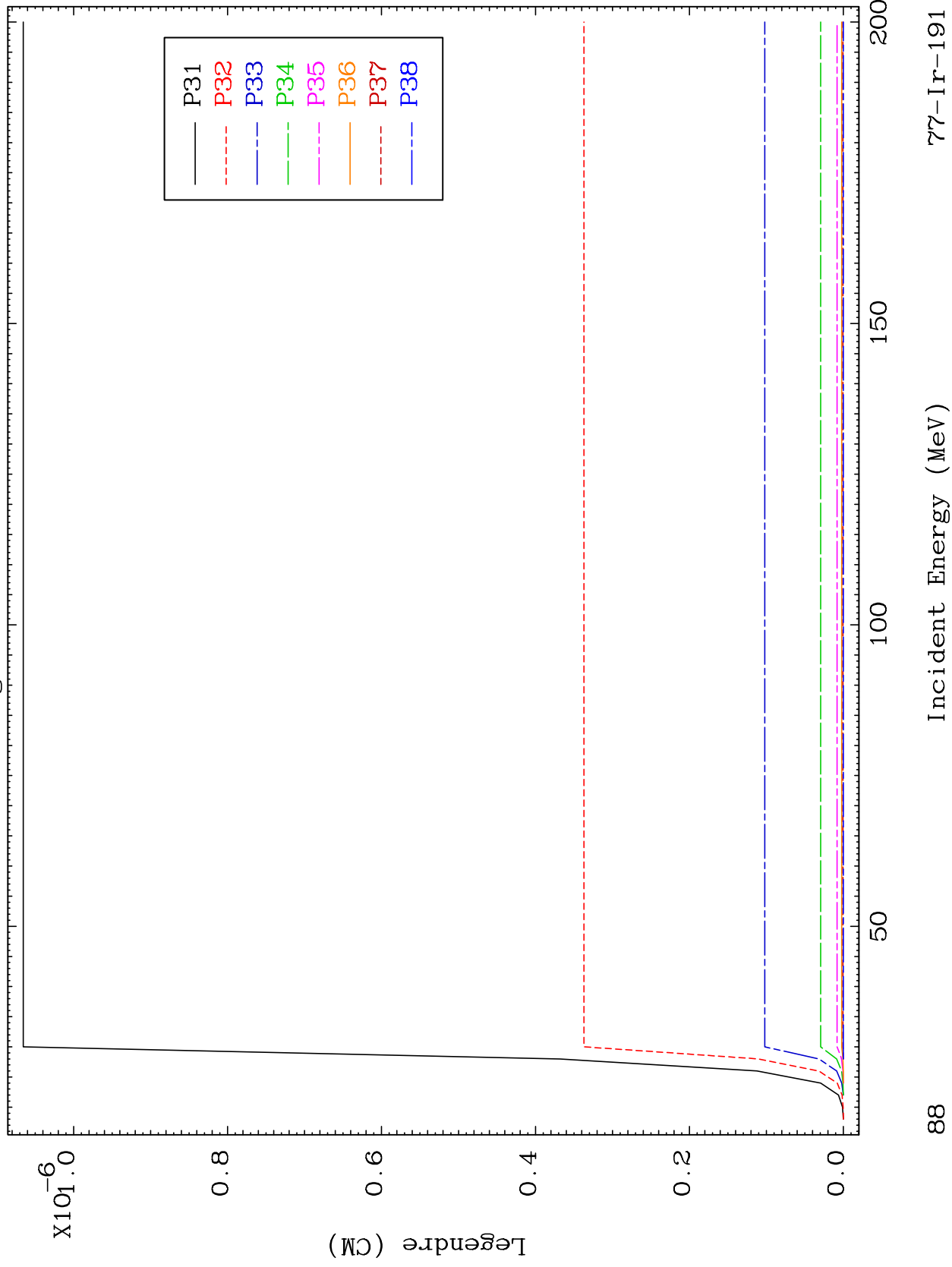
77-Ir-191



MAT 7725

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

77-Ir-191



88

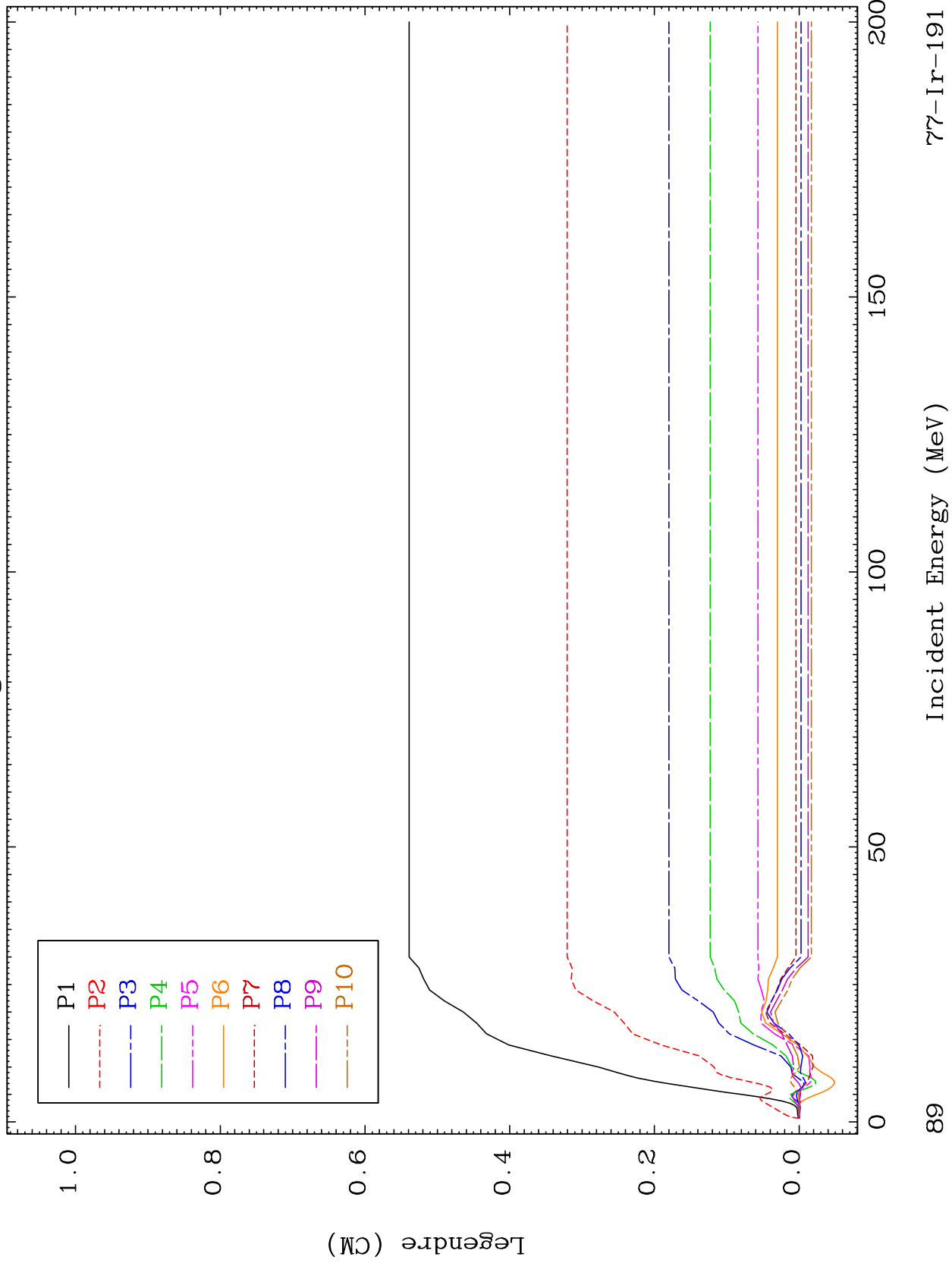
Incident Energy (MeV)

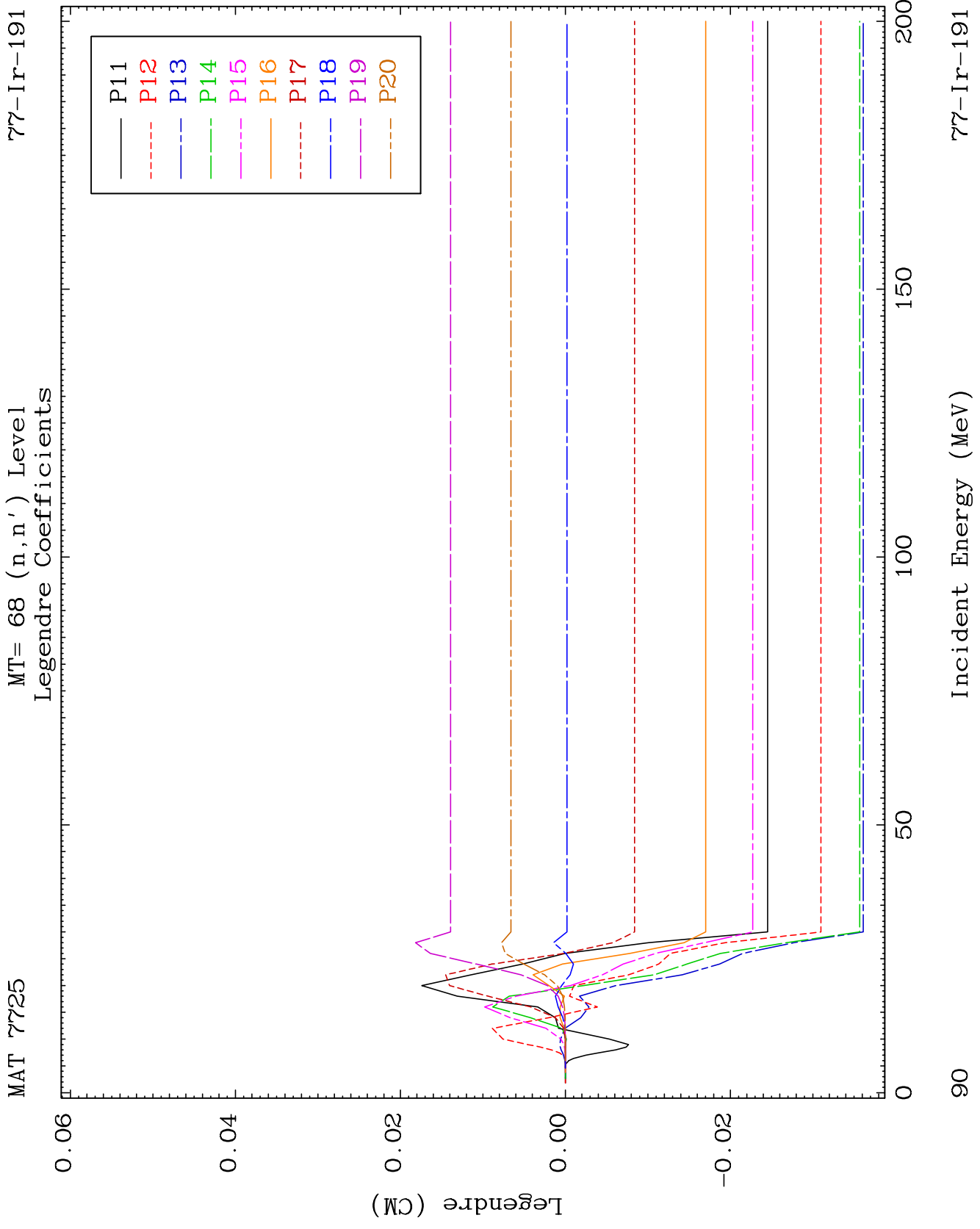
77-Ir-191

MAT 7725

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

77-Ir-191

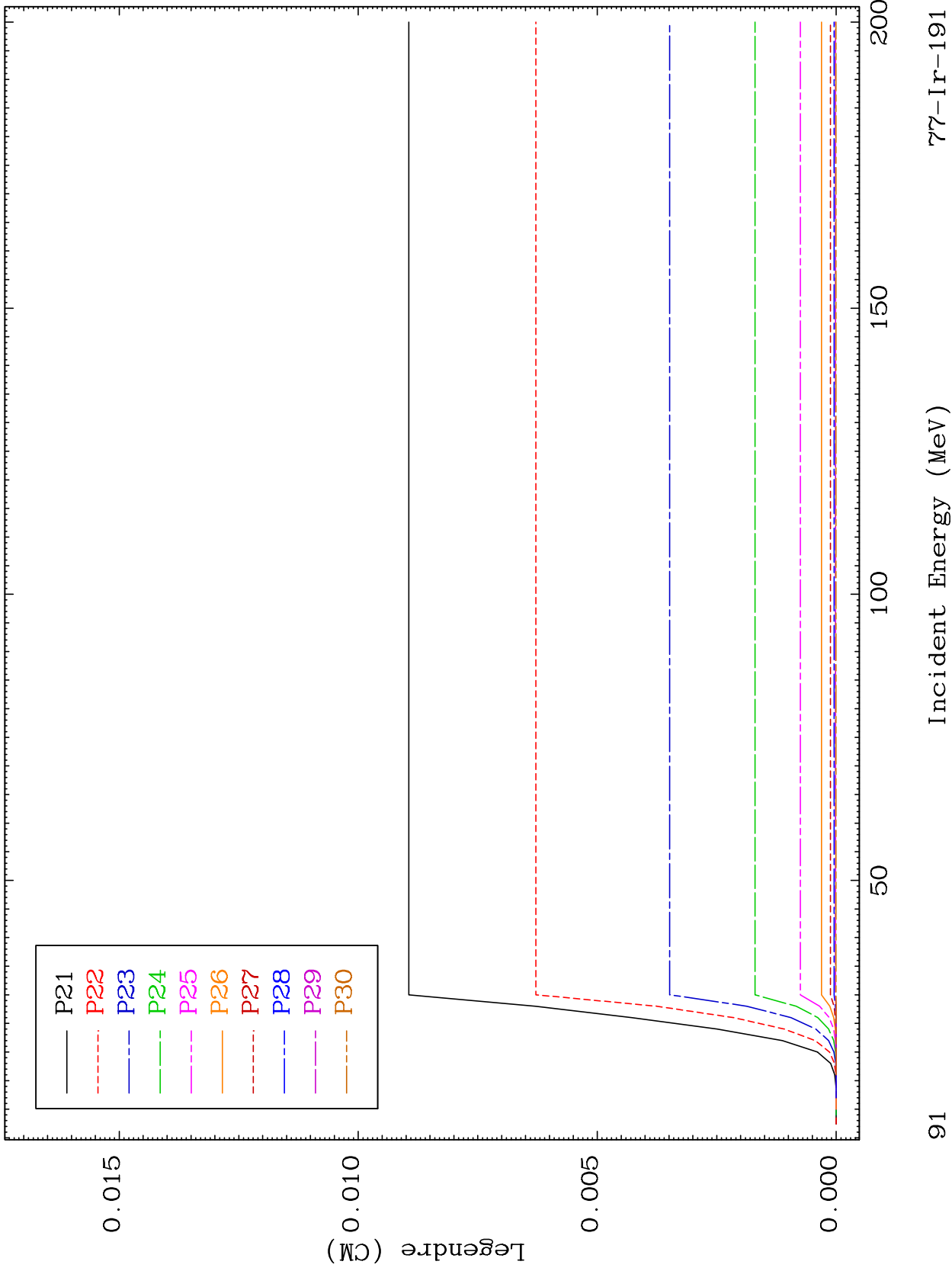




MAT 7725

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

77-Ir-191



91

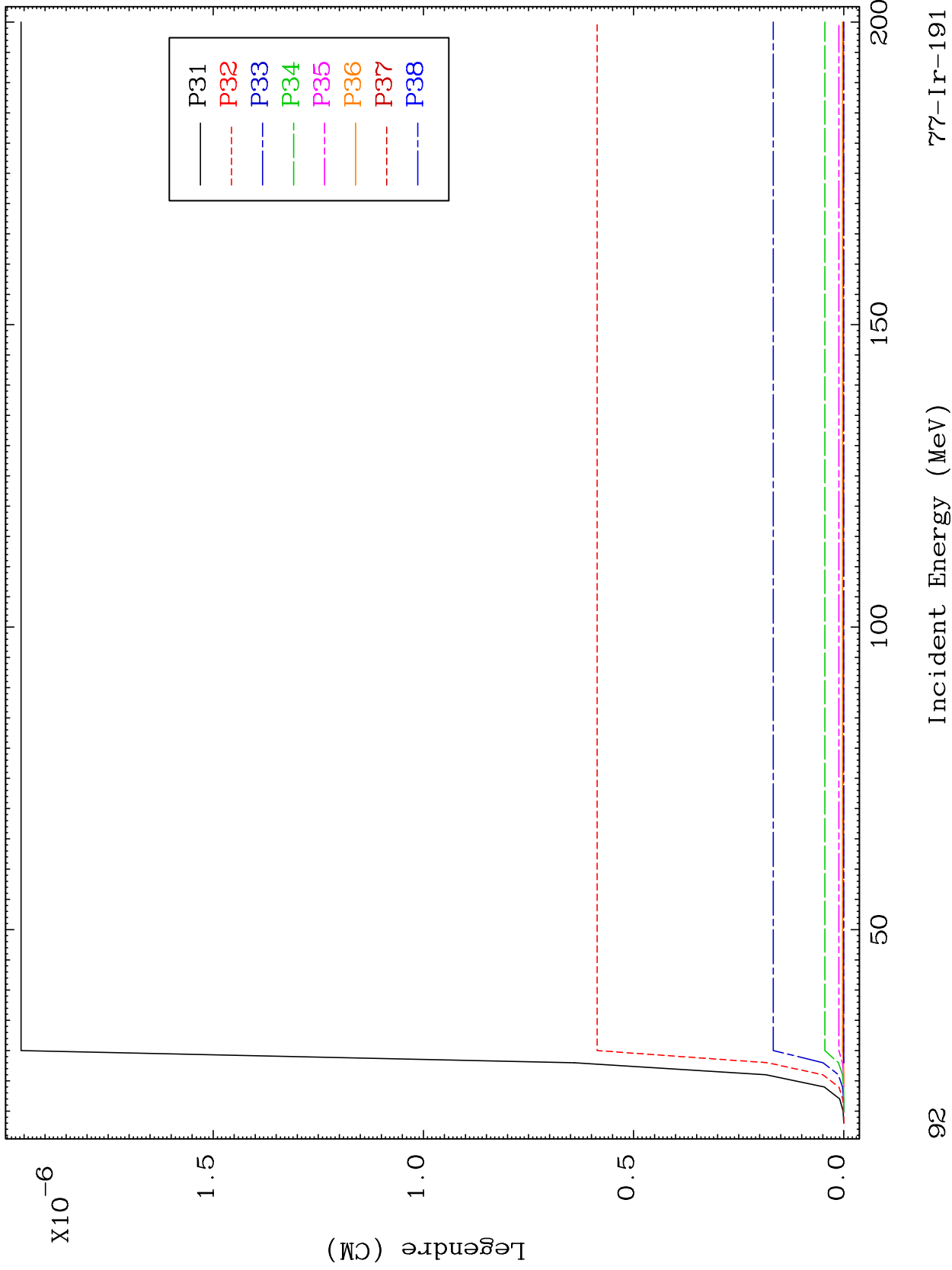
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

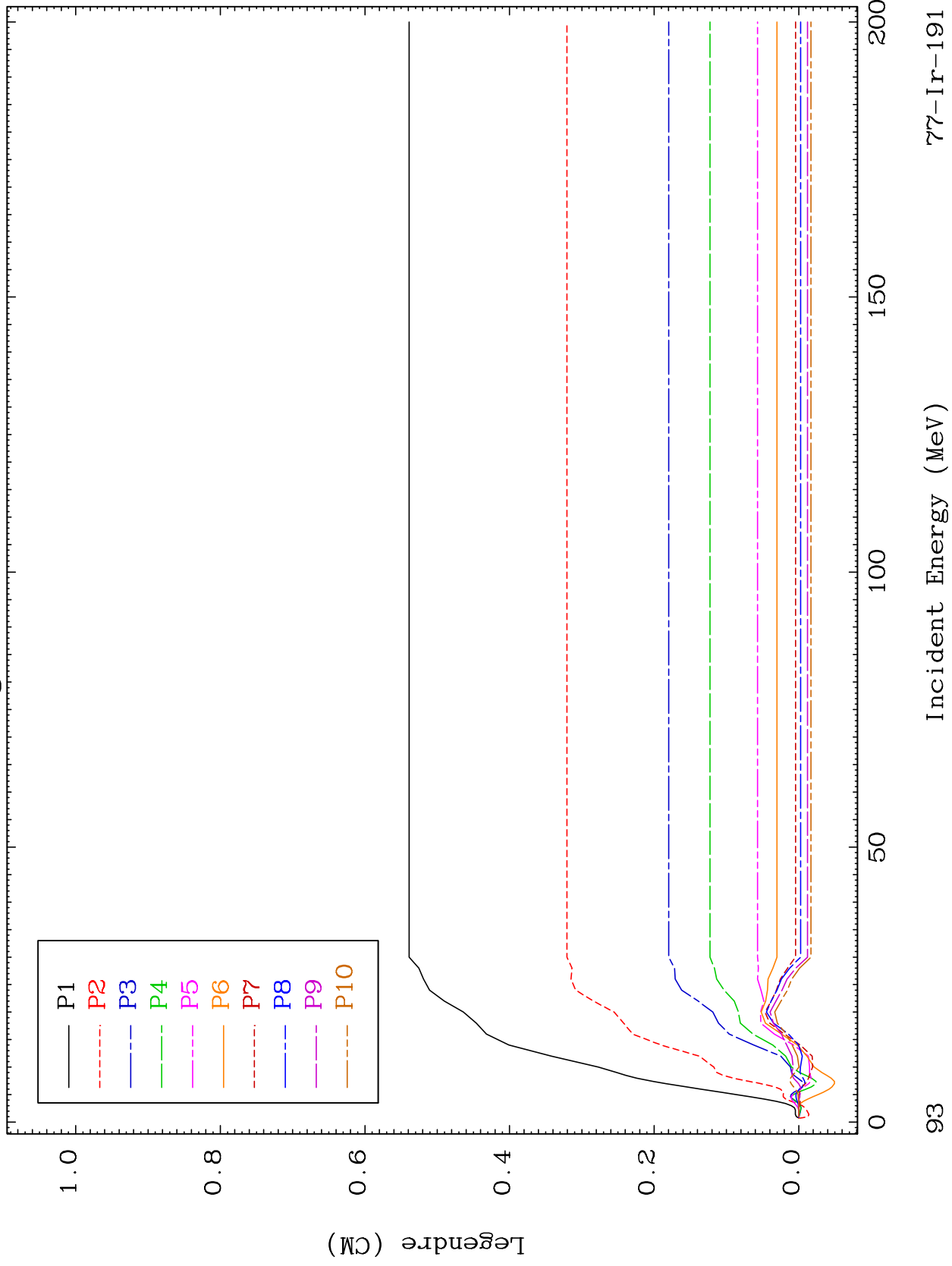
77-Ir-191



MAT 7725

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

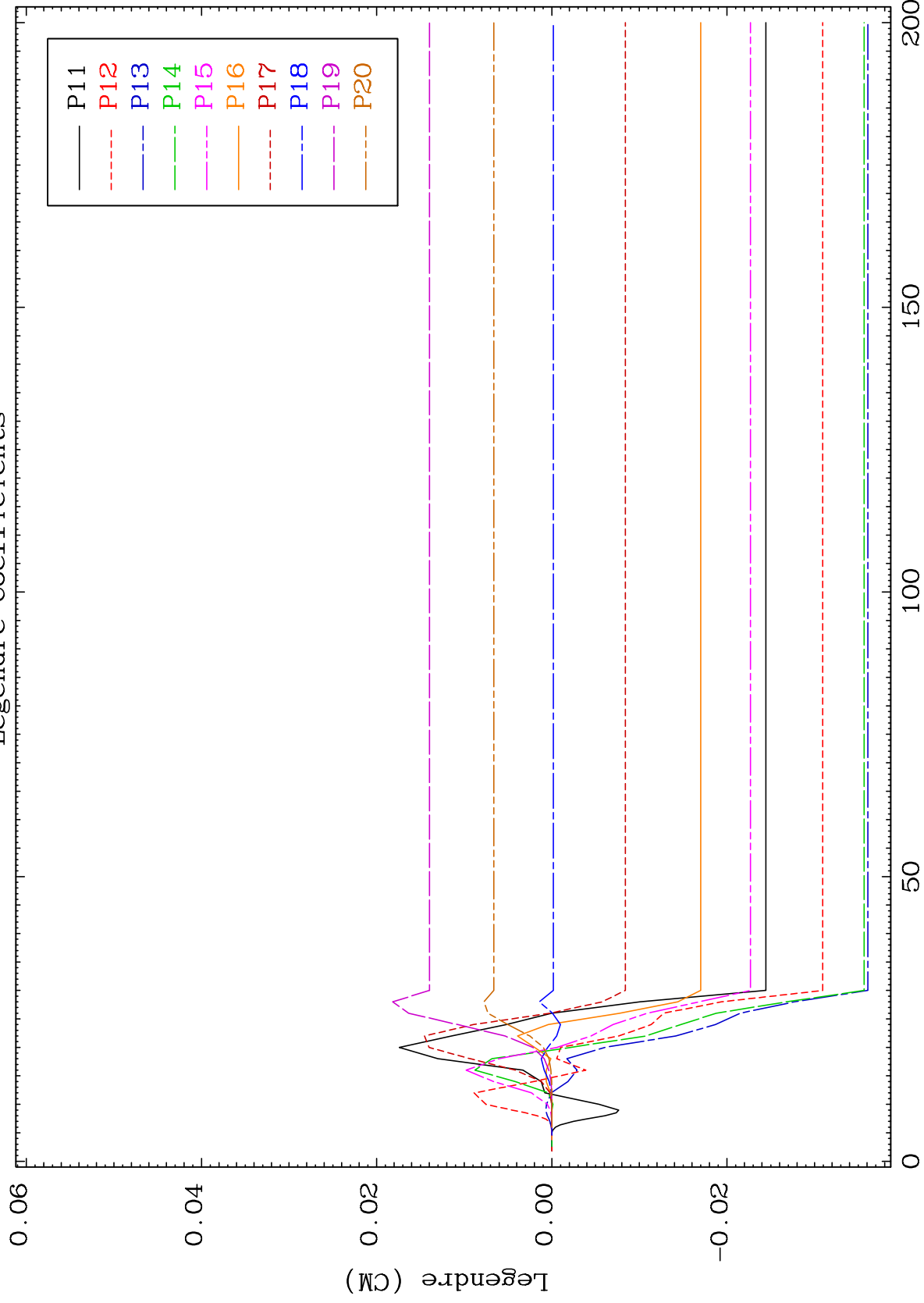
77-Ir-191



MAT 7725

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

77-Ir-191



94

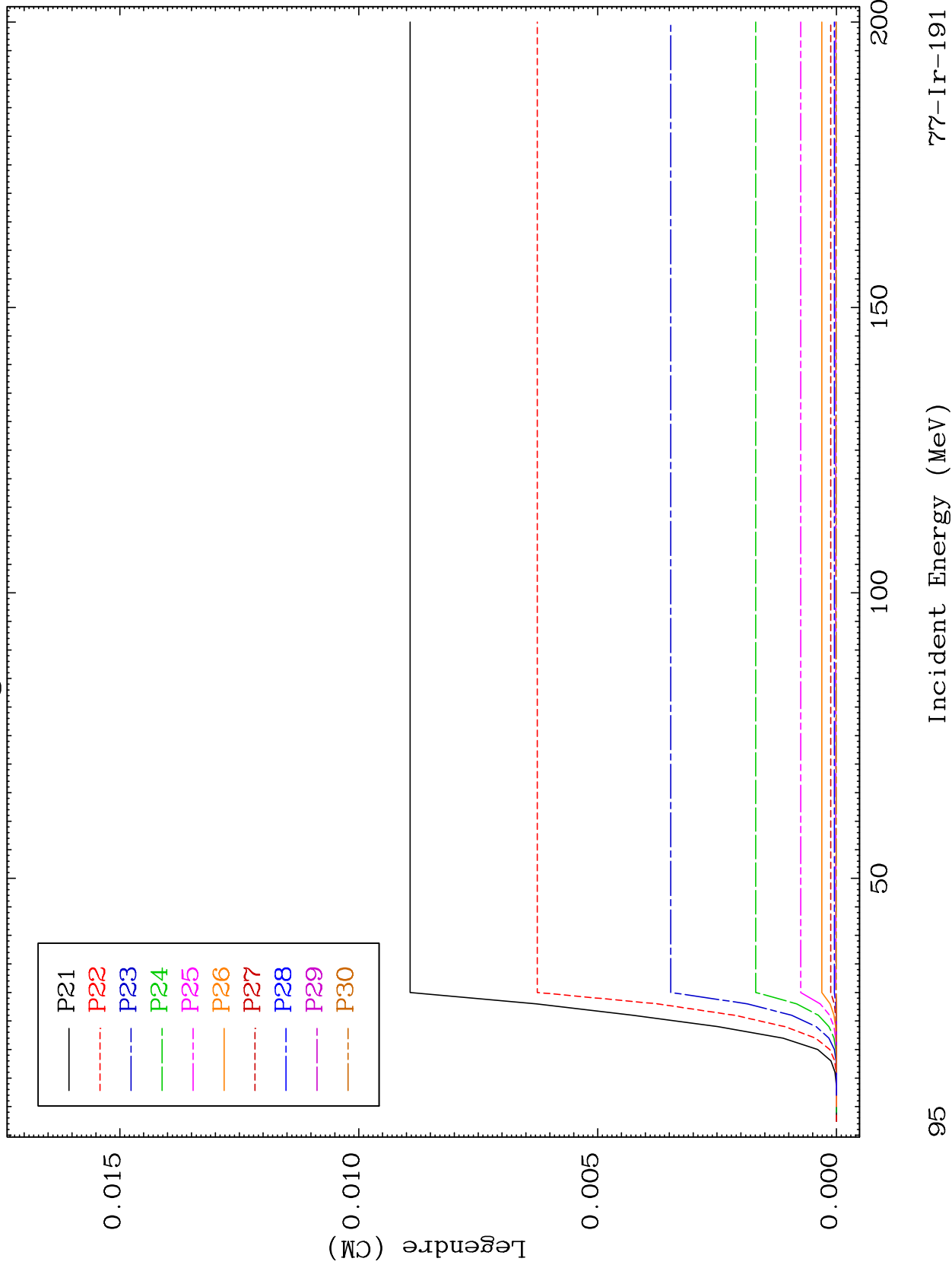
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



95

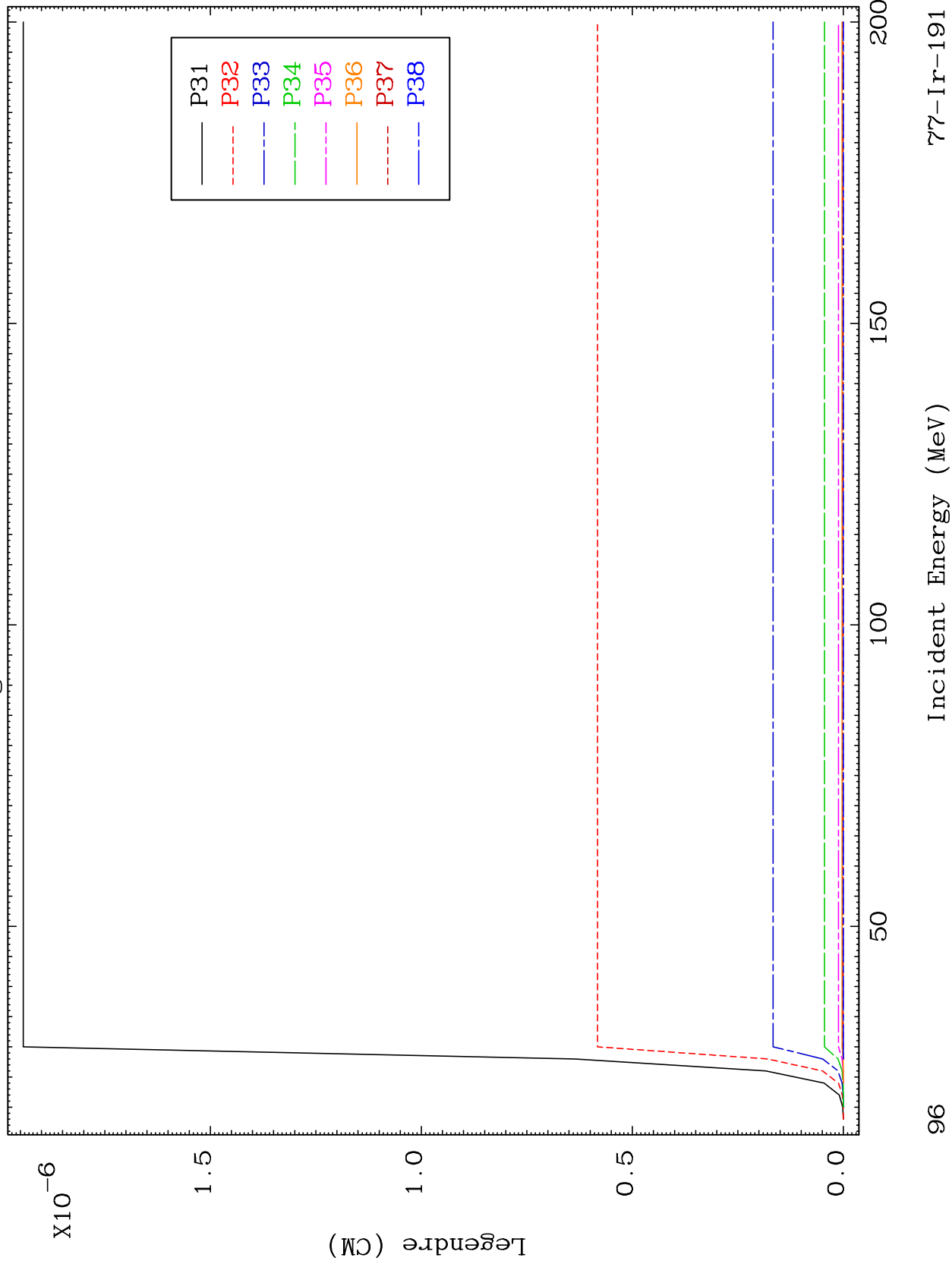
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191

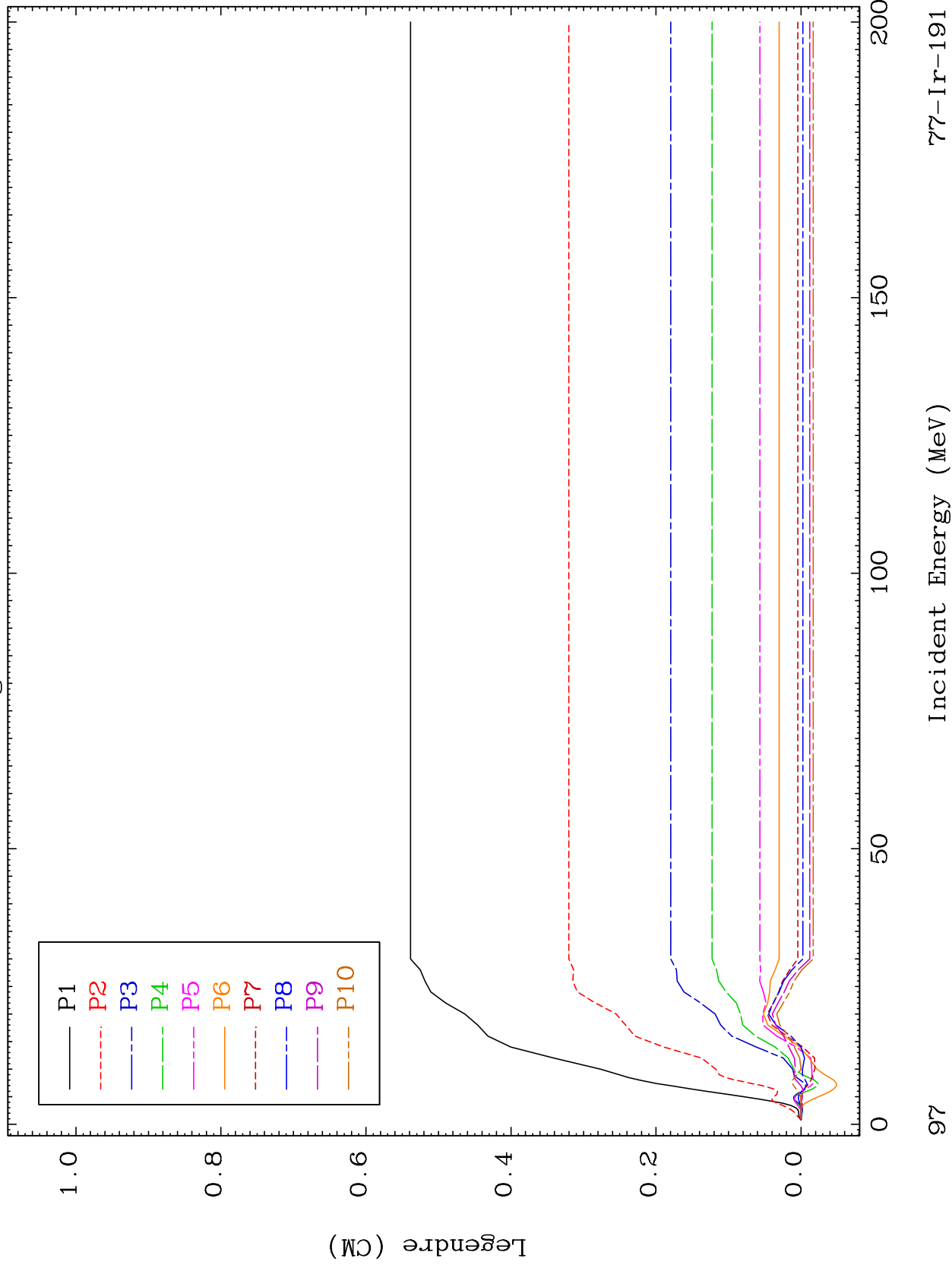


96

MAT 7725

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

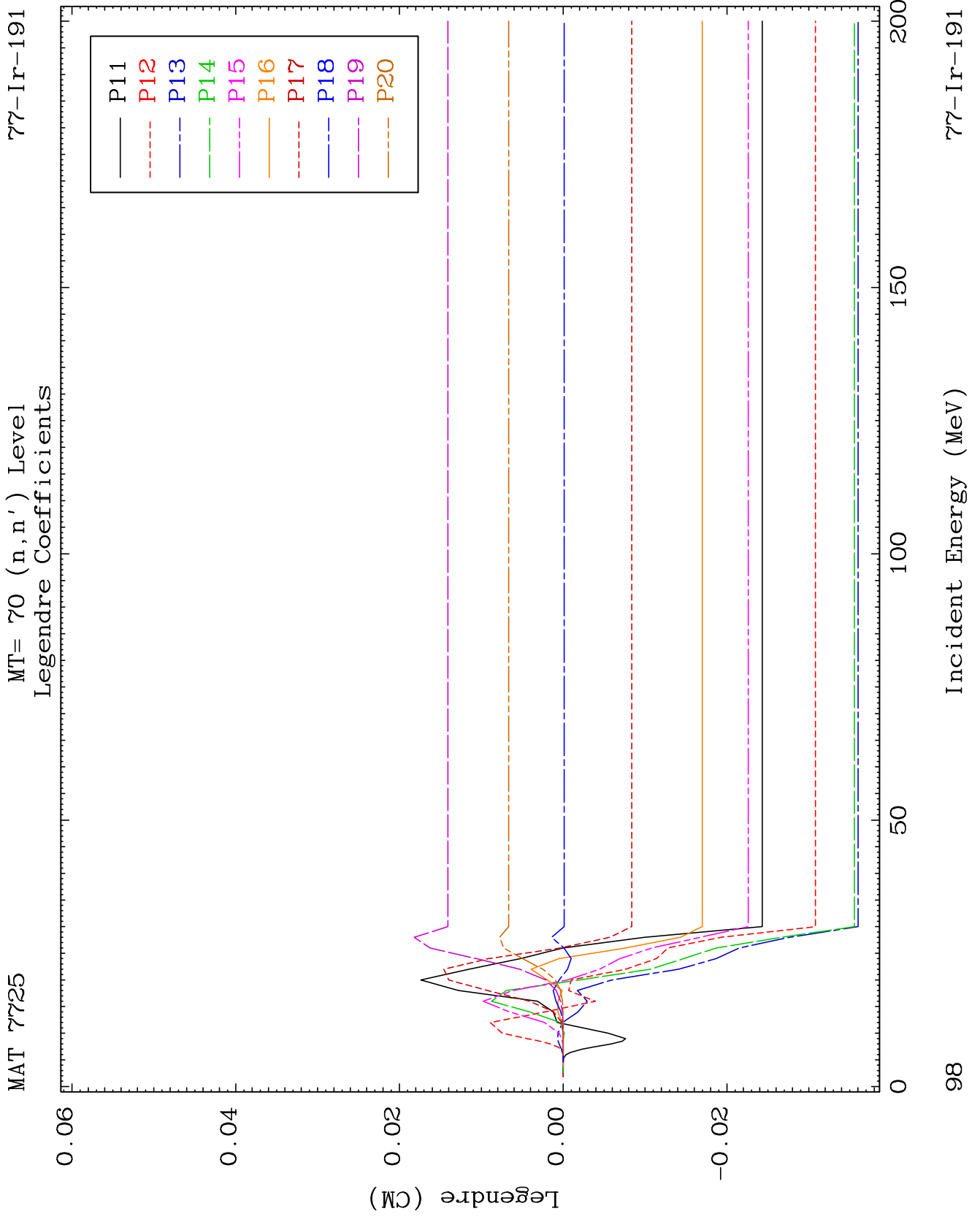
77-Ir-191



77-Ir-191

Incident Energy (MeV)

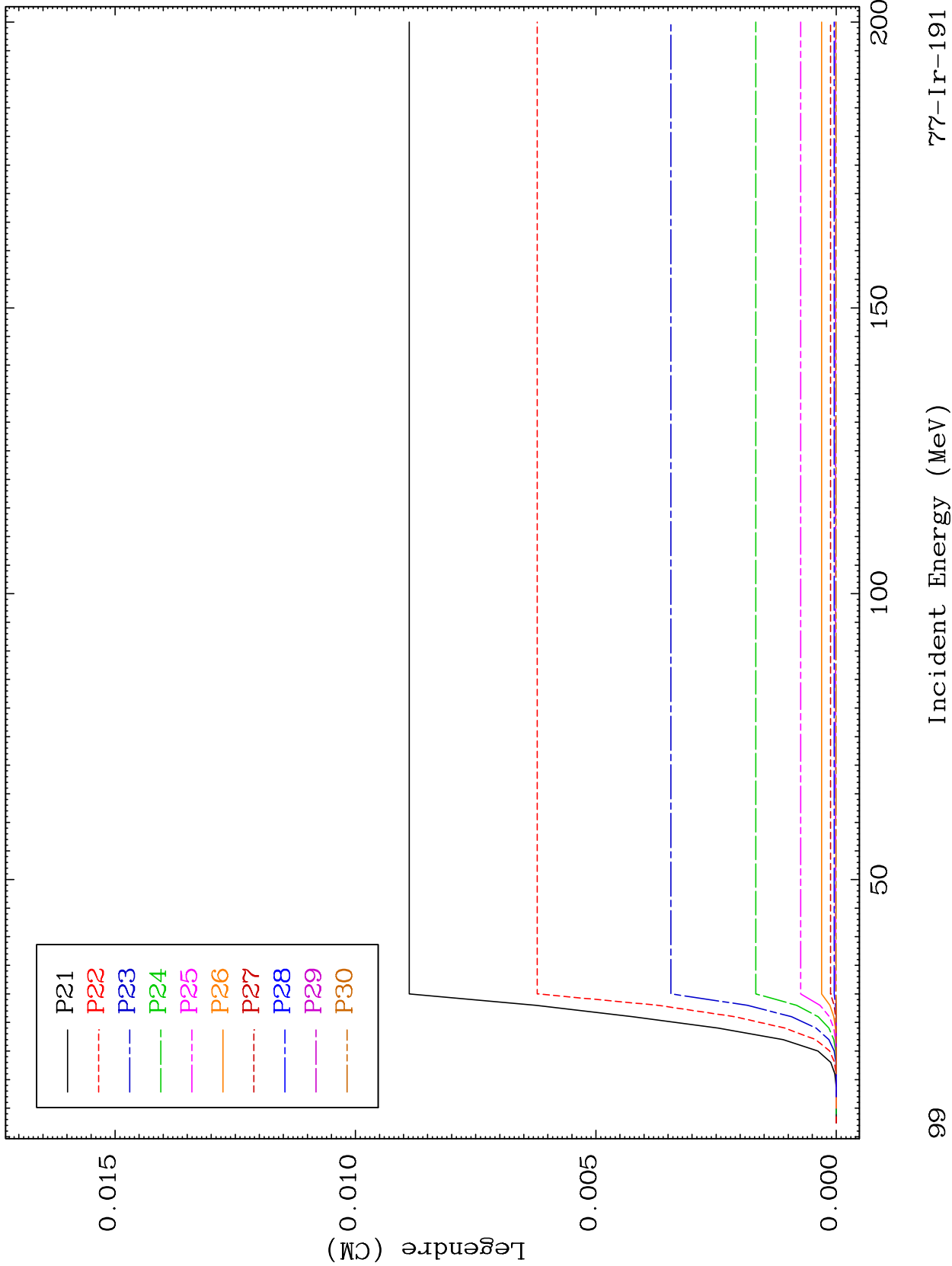
97



MAT 7725

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

77-Ir-191



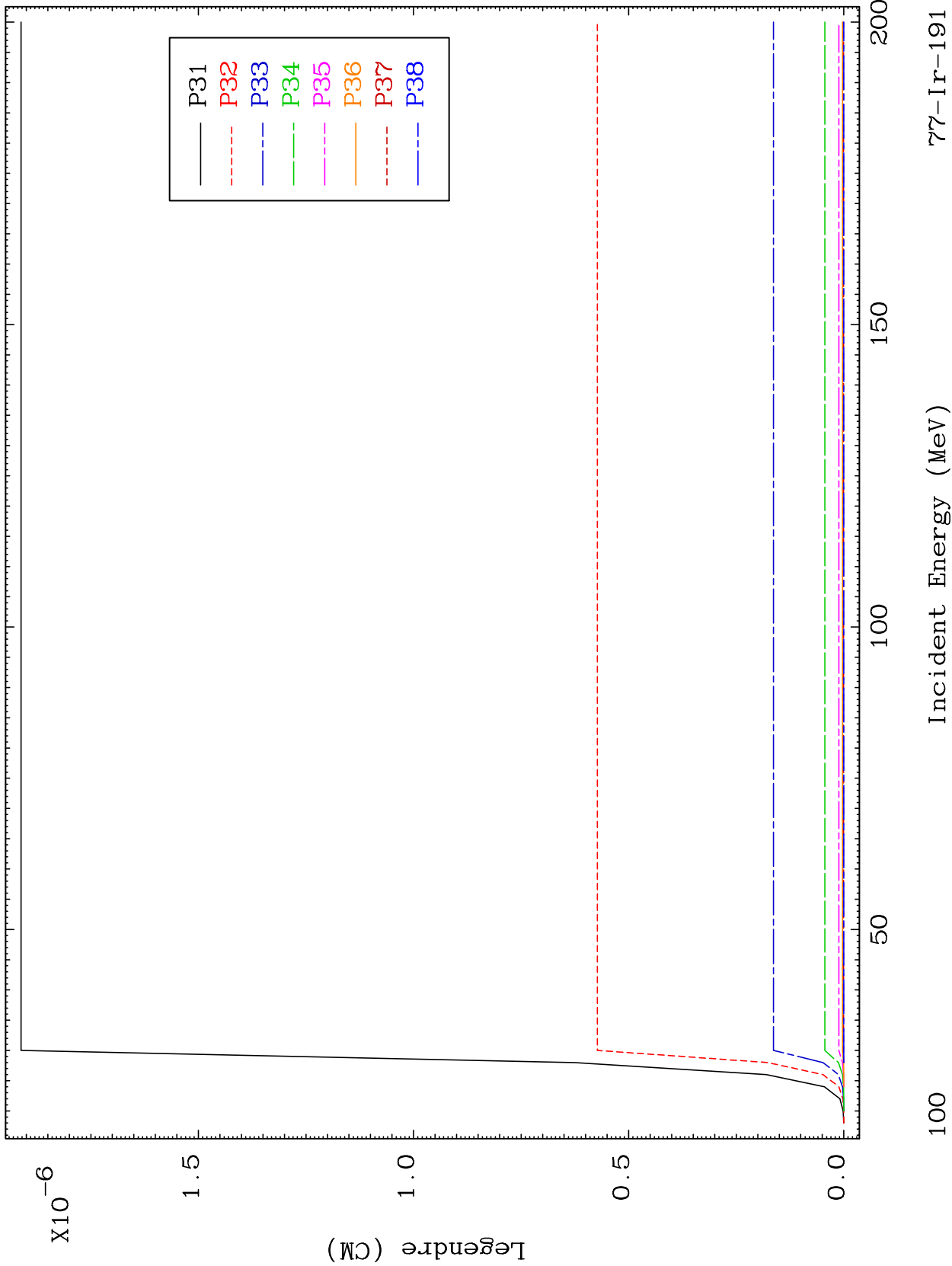
99

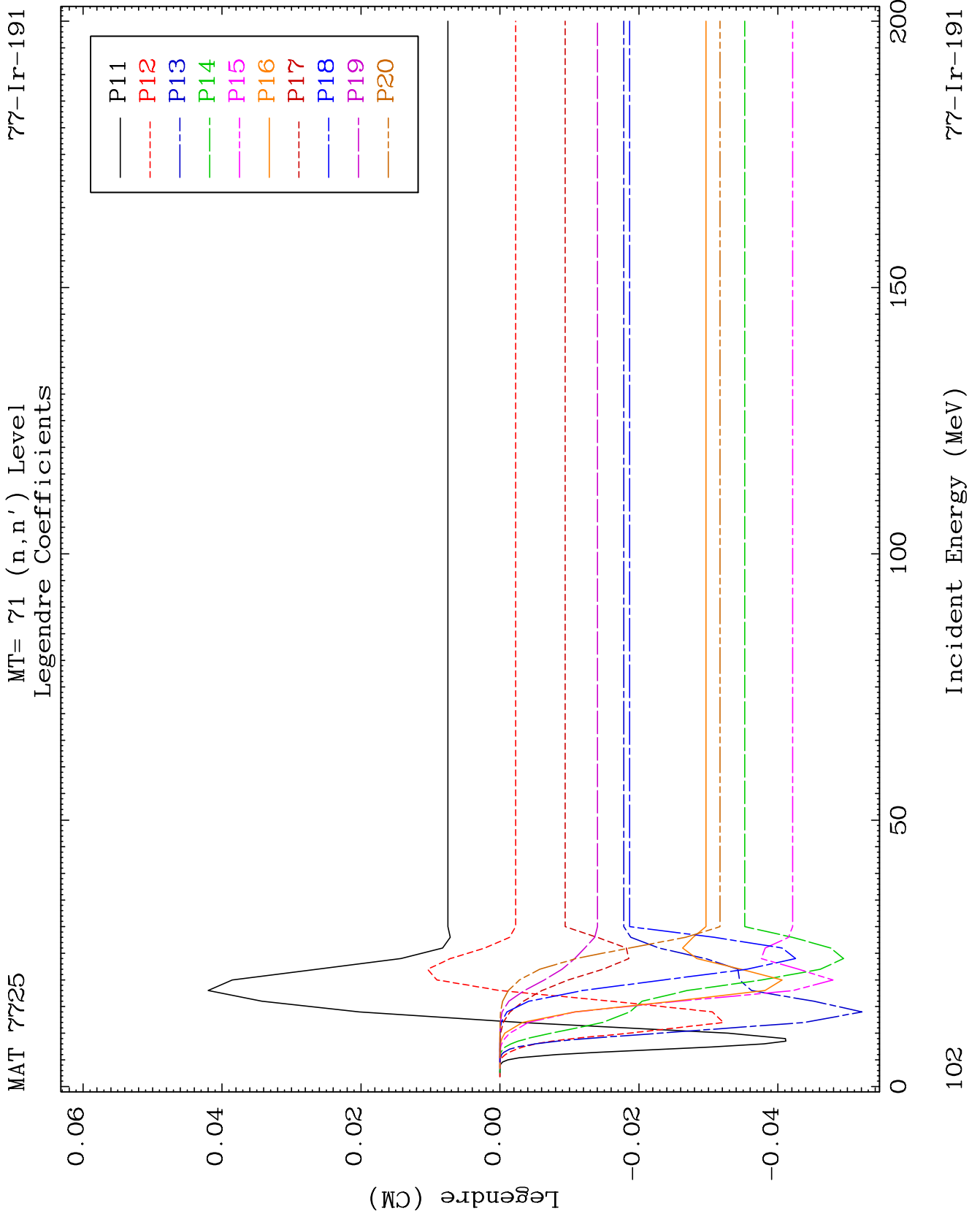
77-Ir-191

MAT 7725

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

77-Ir-191

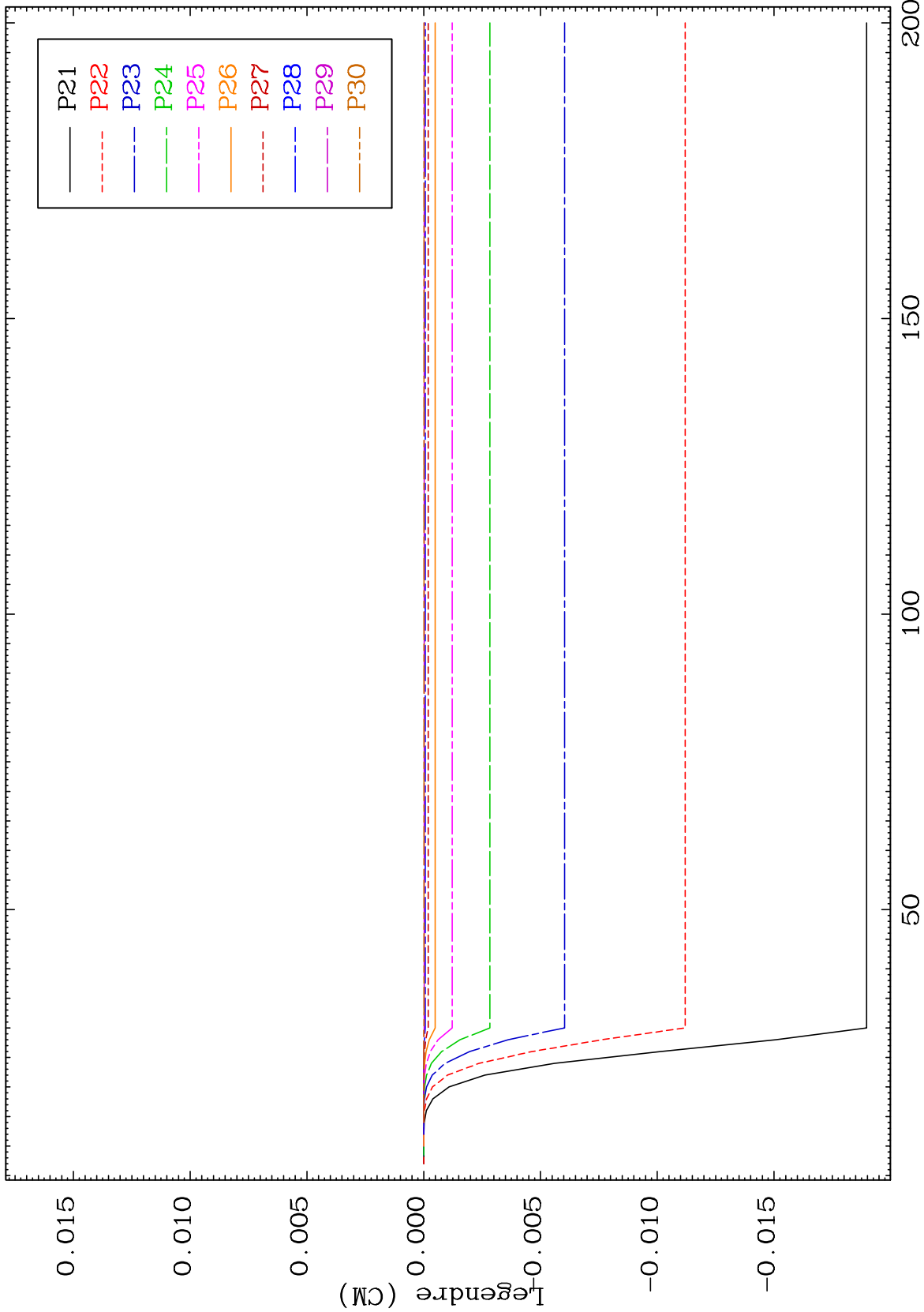




MAT 7725

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

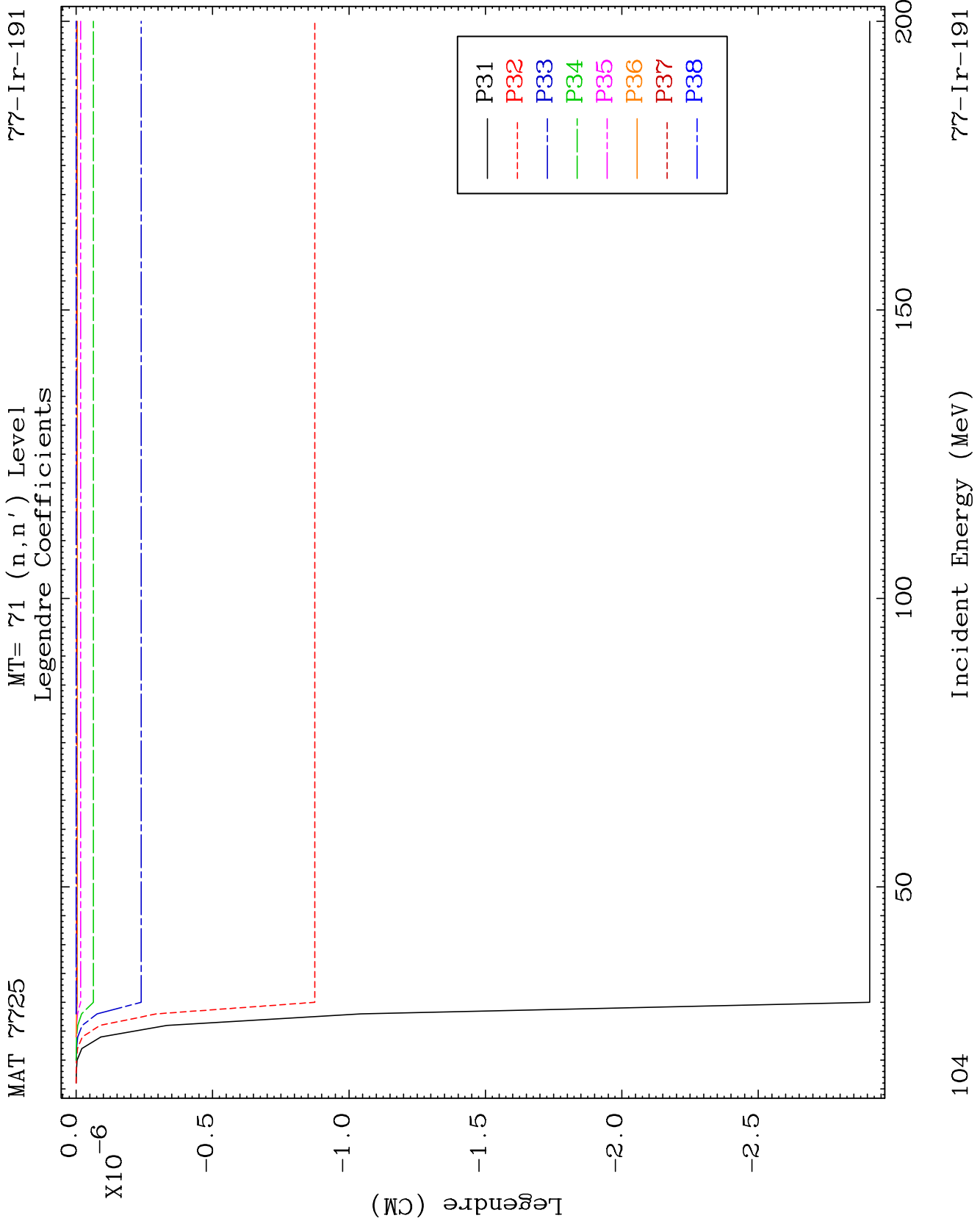
77-Ir-191



103

Incident Energy (MeV)

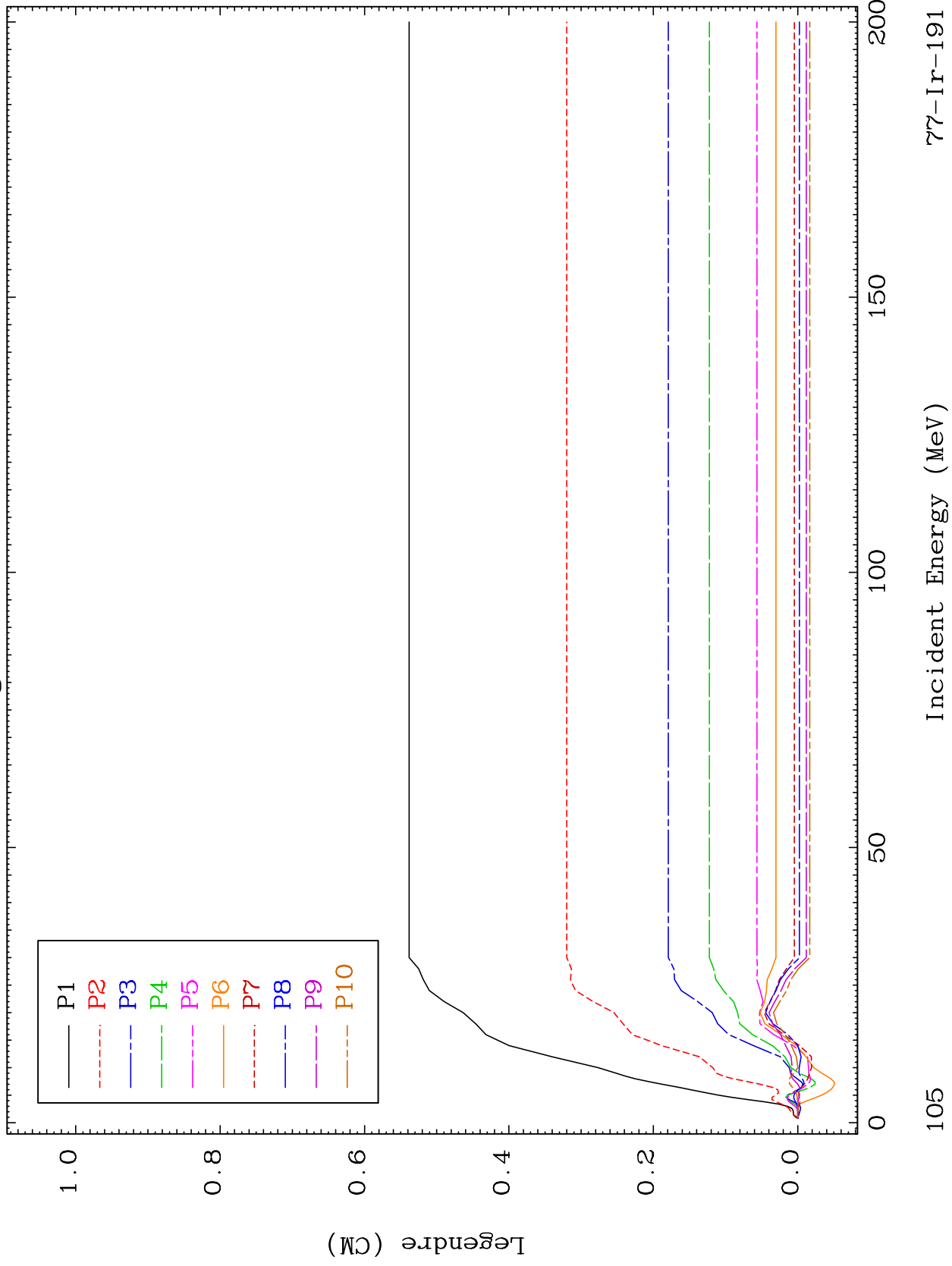
77-Ir-191



MAT 7725

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

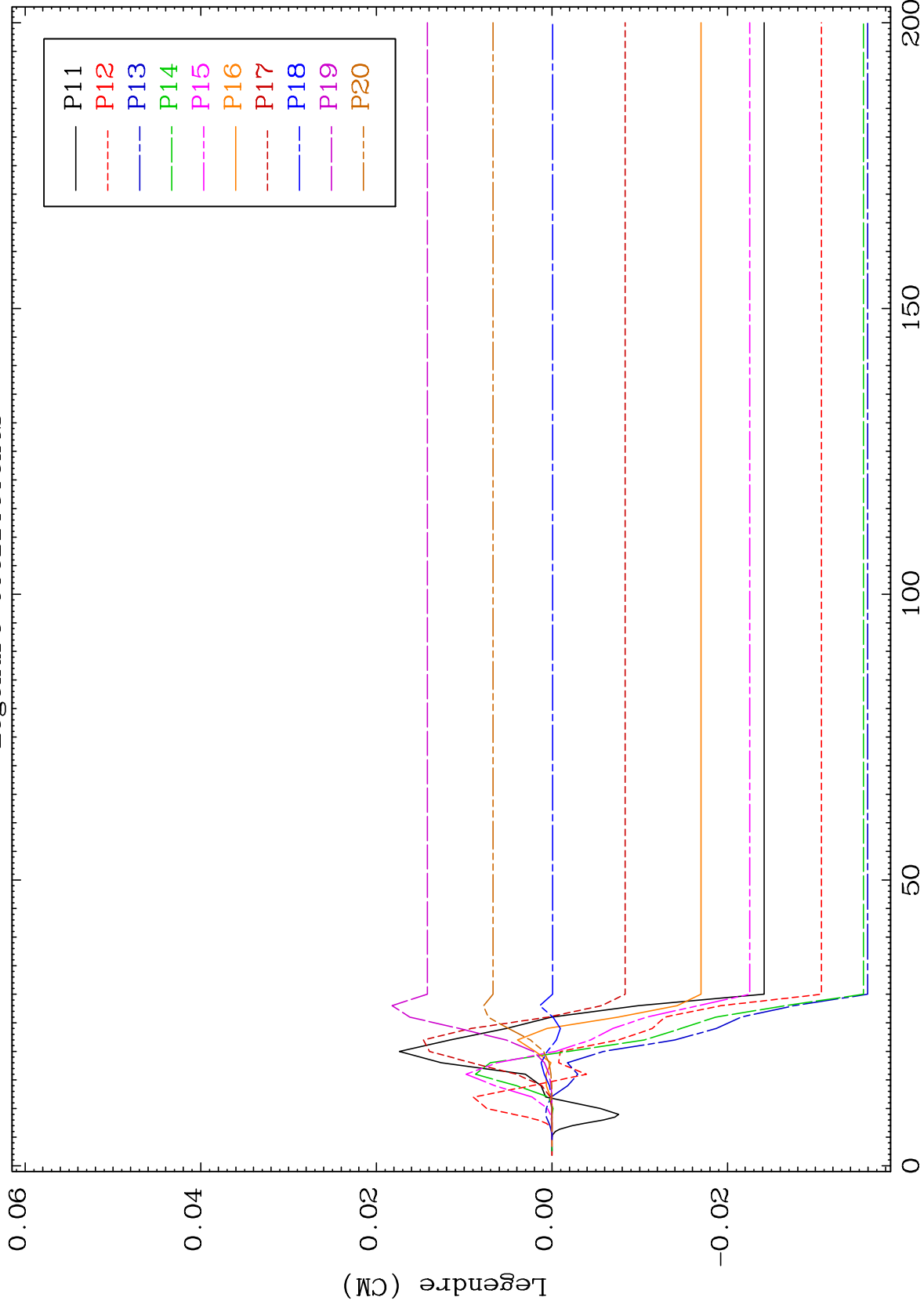
77-Ir-191



MAT 7725

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

77-Ir-191



106

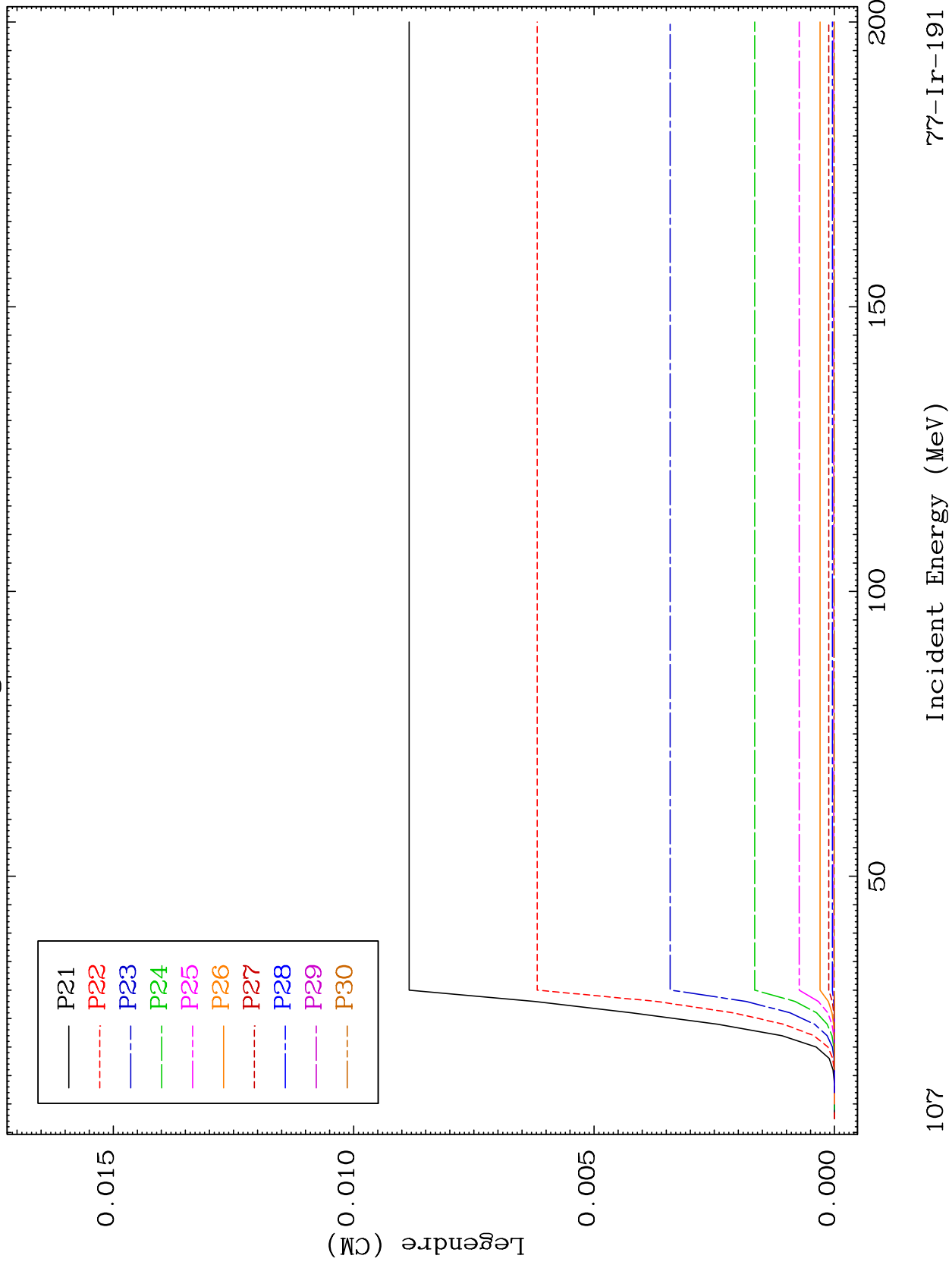
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



107

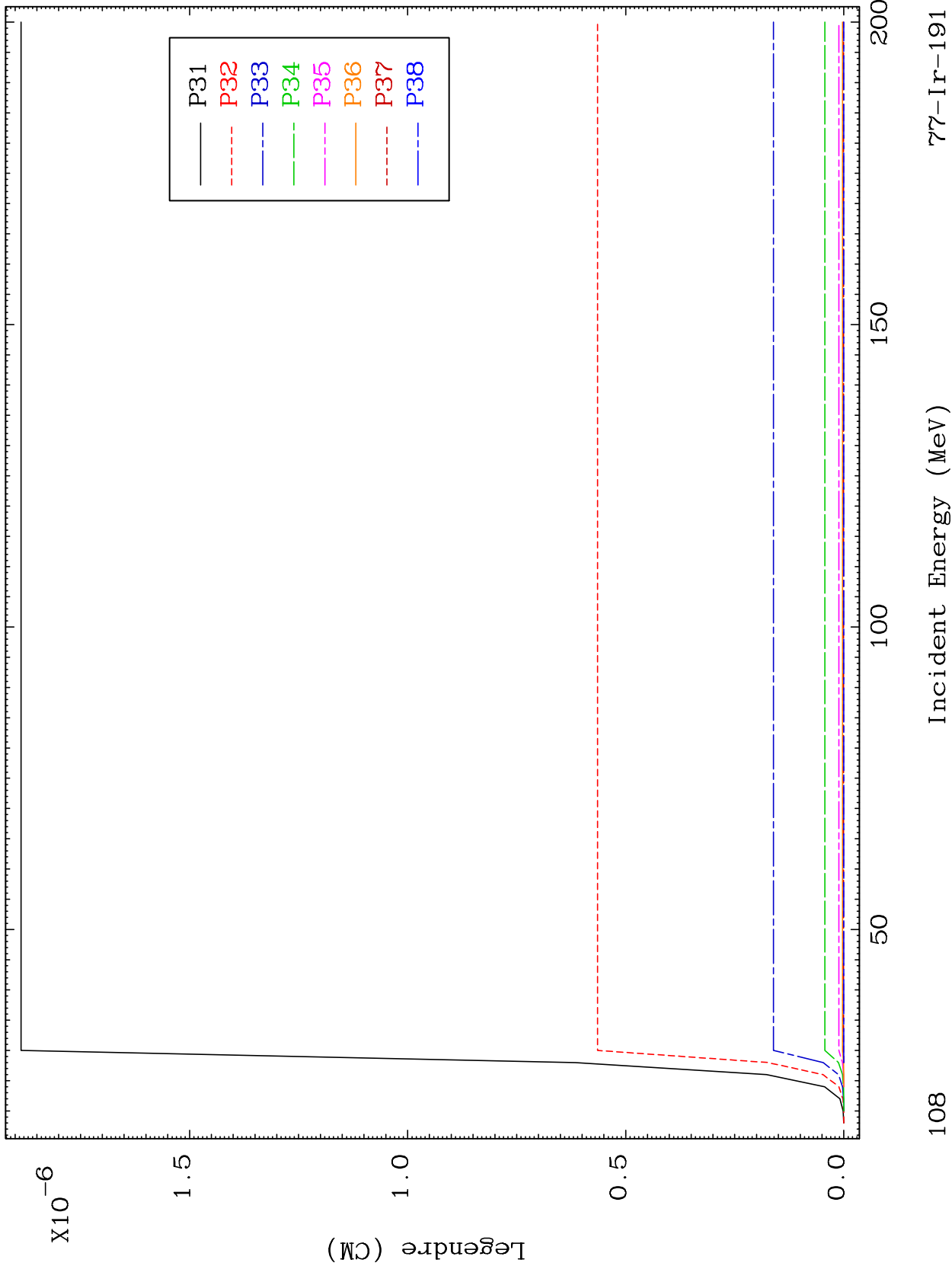
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



108

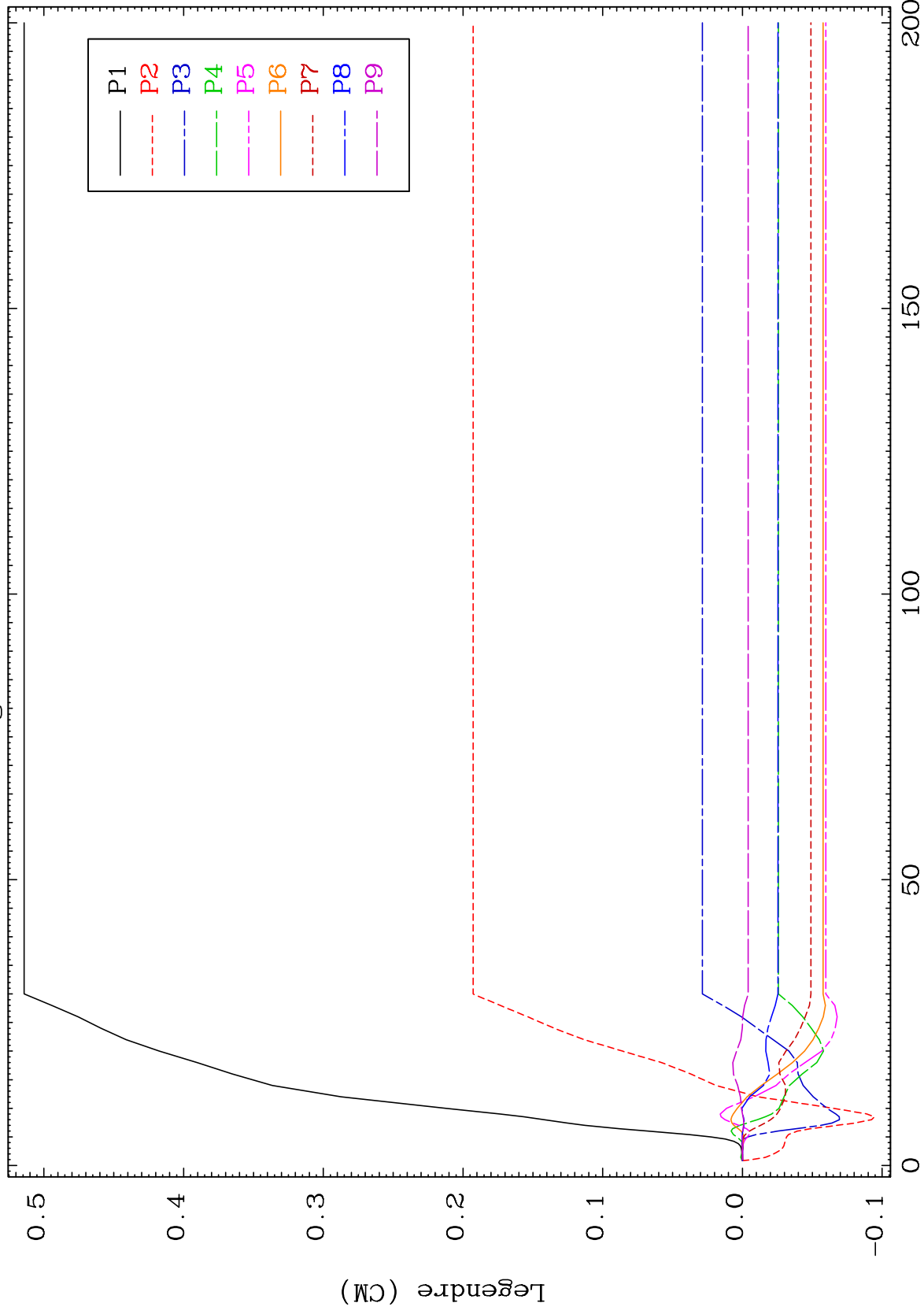
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

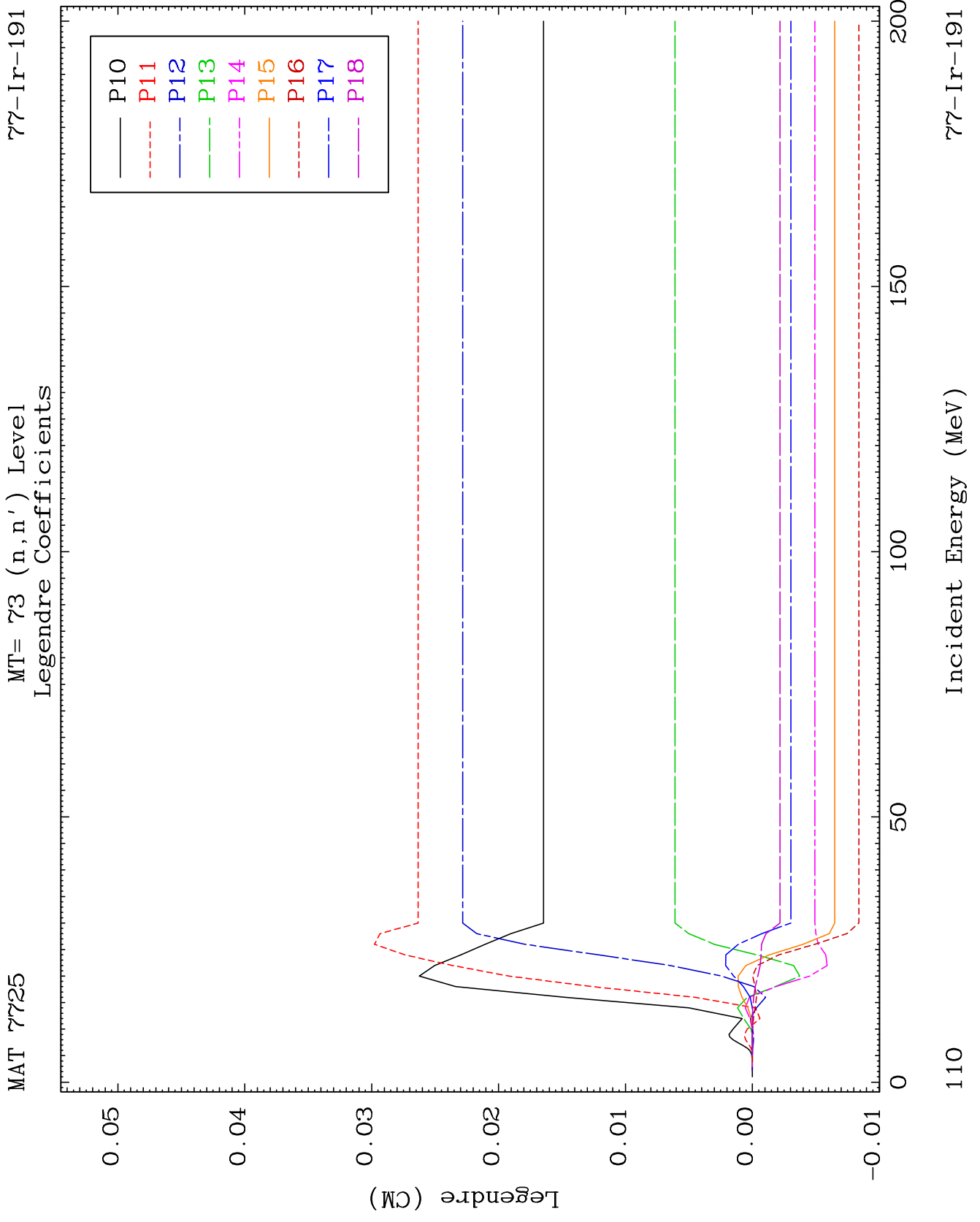
77-Ir-191



109

Incident Energy (MeV)

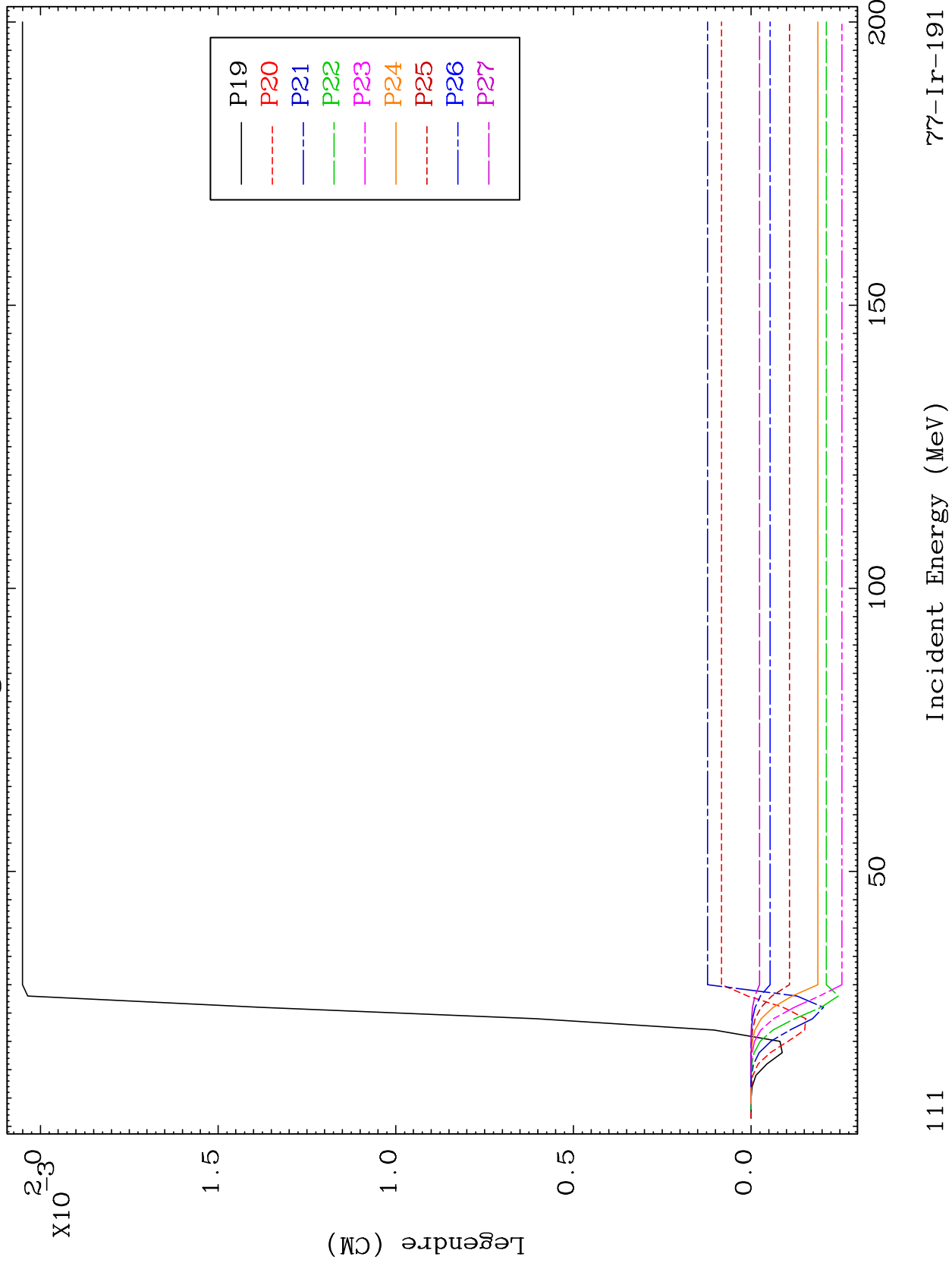
77-Ir-191



MAT 7725

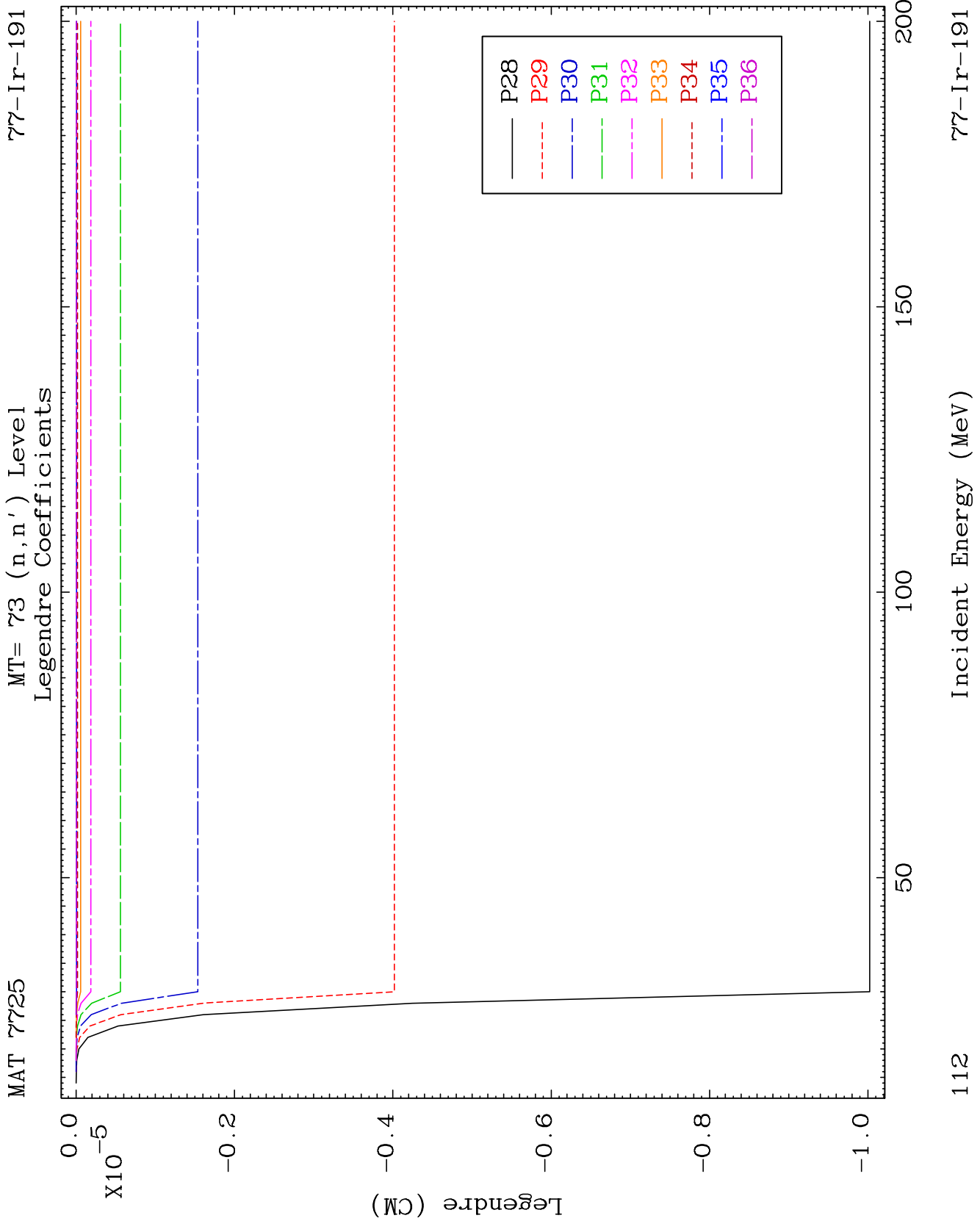
MT= 73 (n,n') Level
Legendre Coefficients

77-Ir-191



111

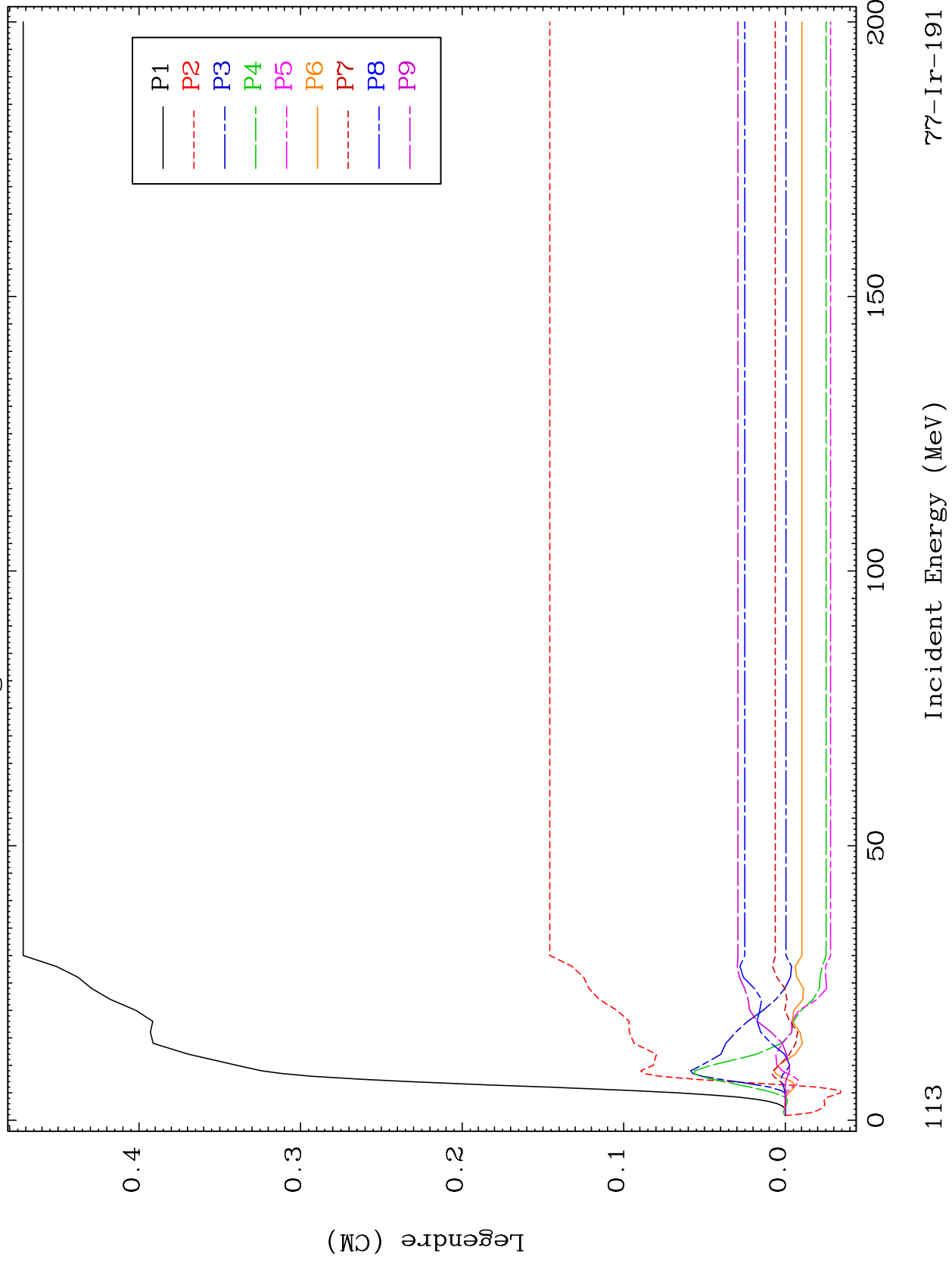
77-Ir-191



MAT 7725

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

77-Ir-191

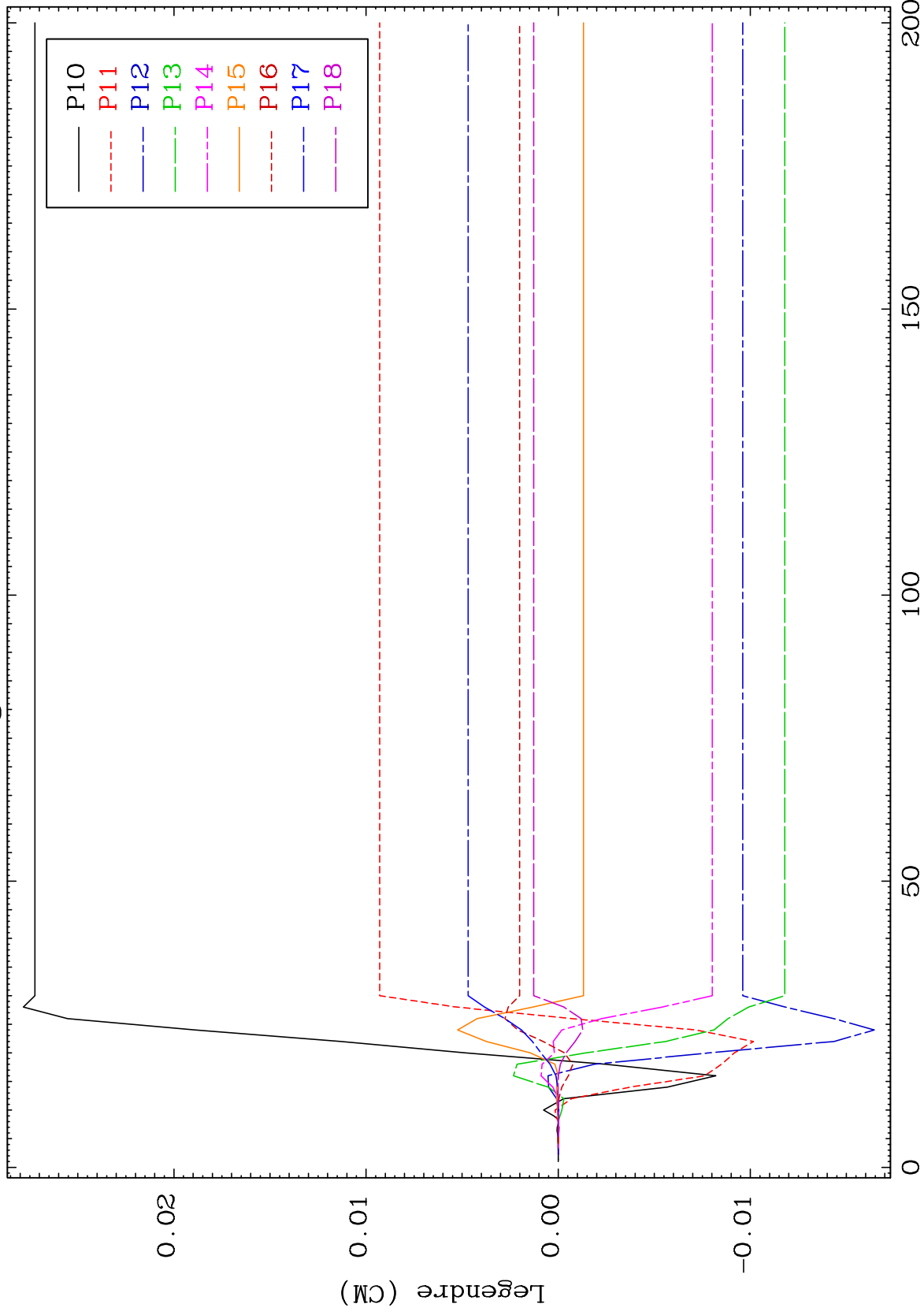


113

MAT 7725

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

77-Ir-191



114

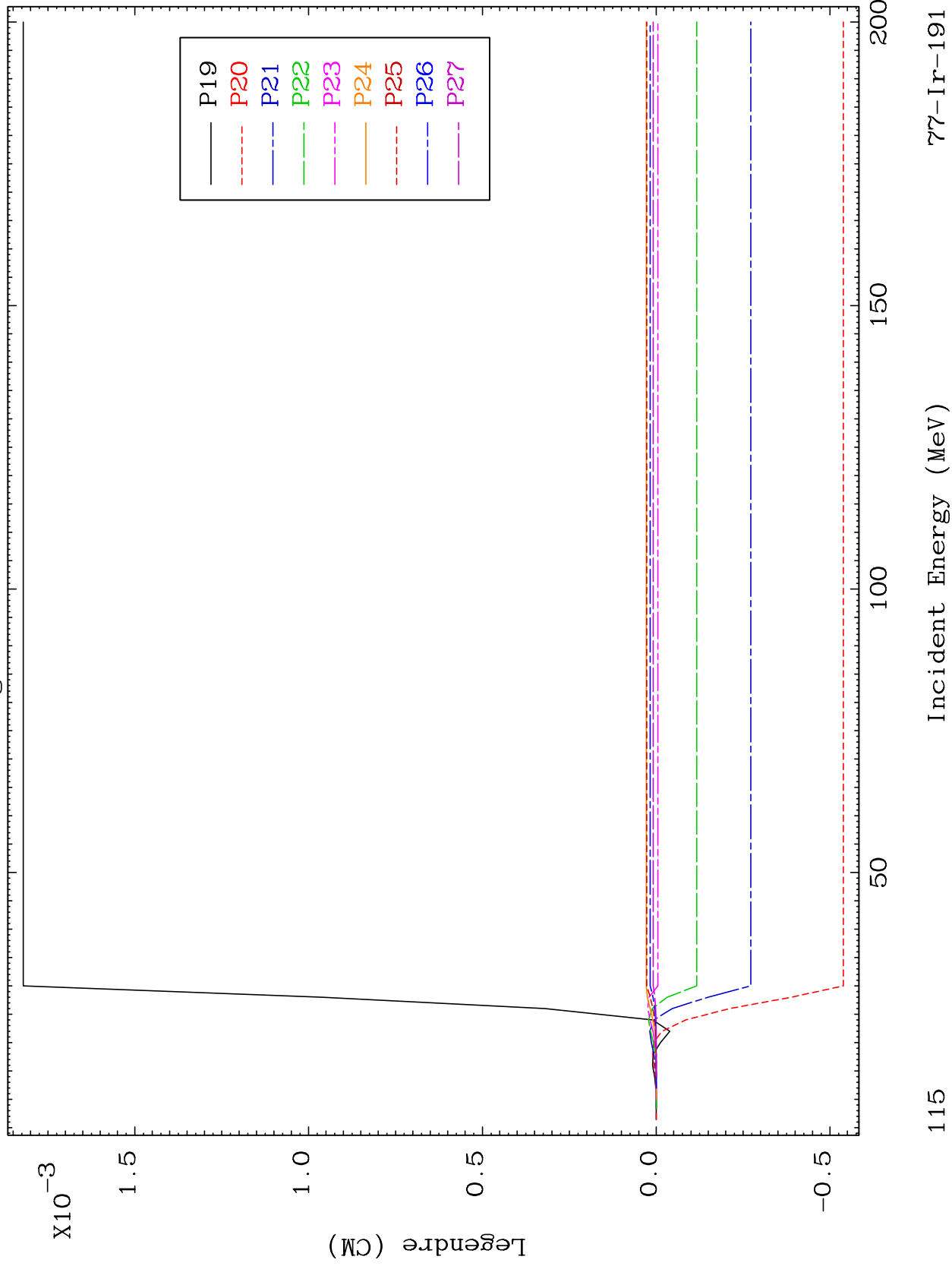
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



115

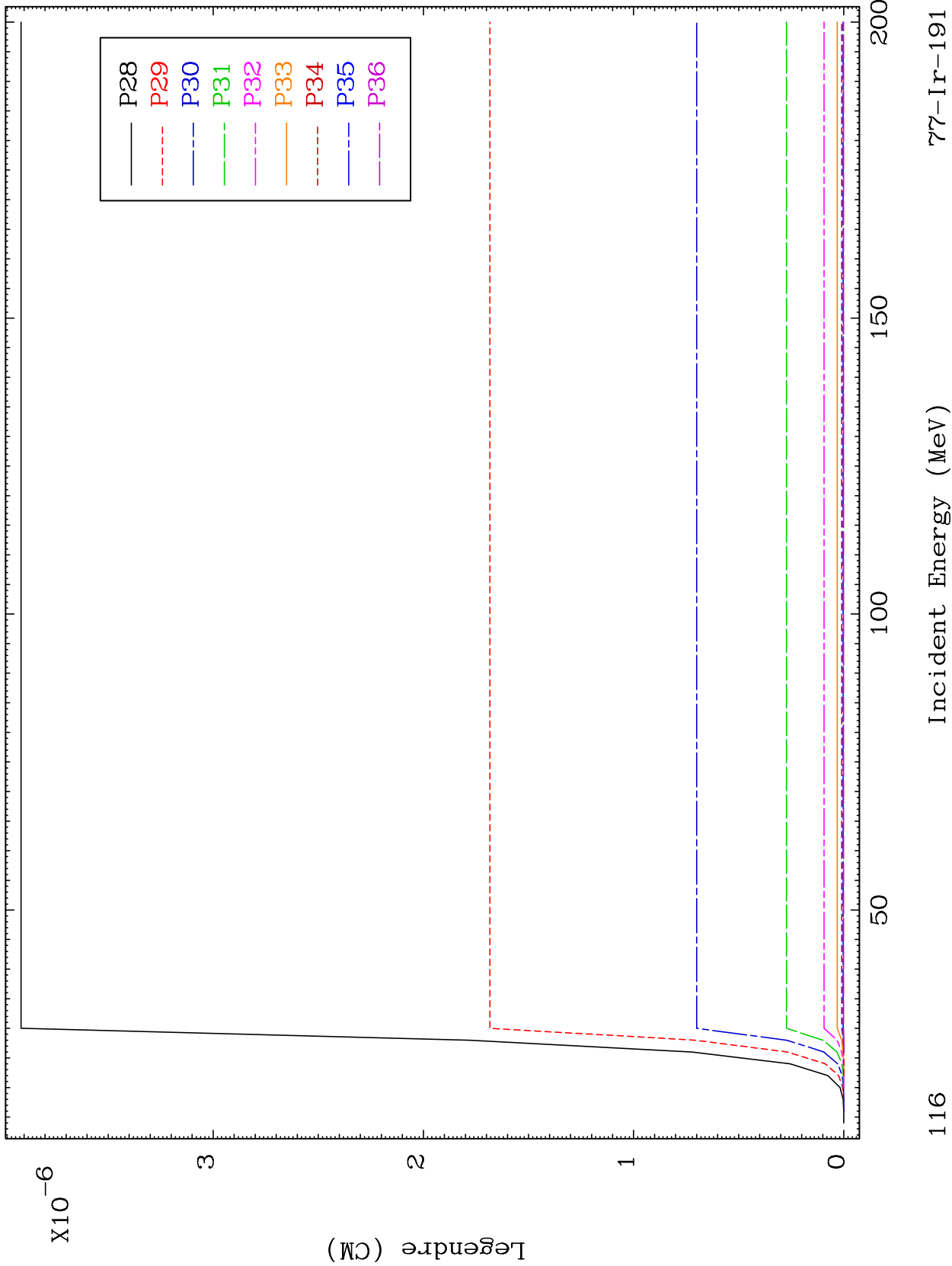
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



116

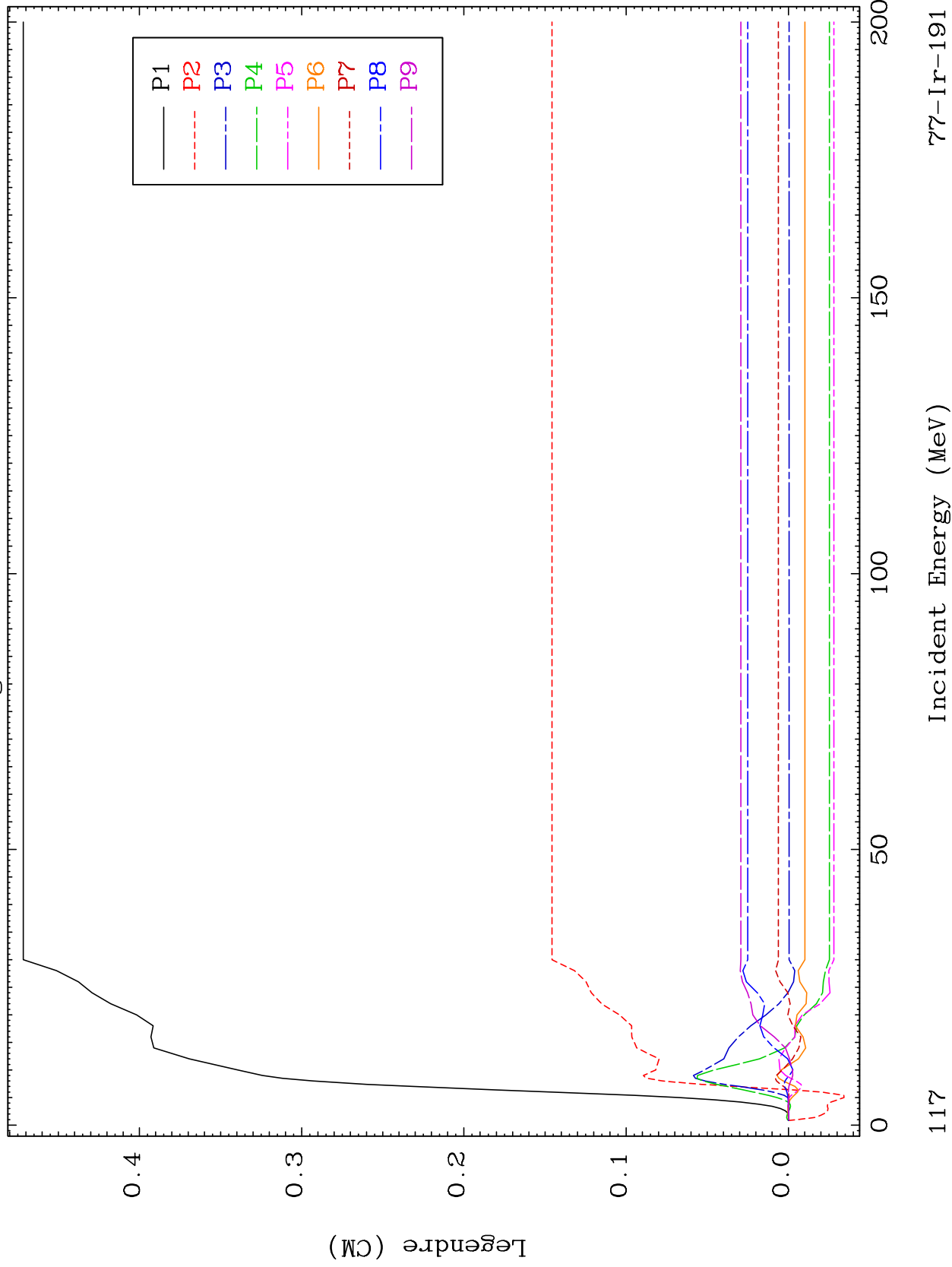
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

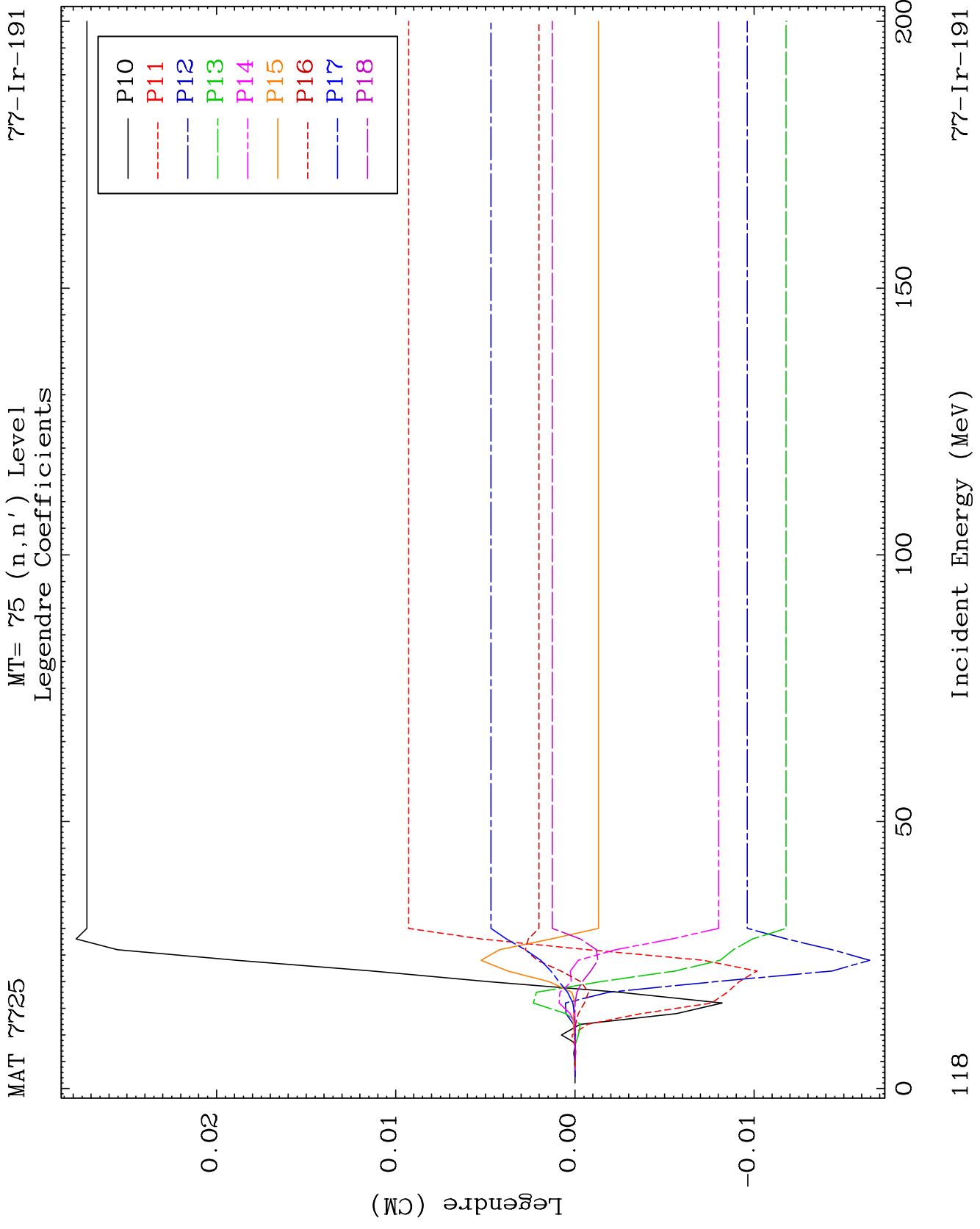
77-Ir-191



77-Ir-191

Incident Energy (MeV)

117



77-Ir-191

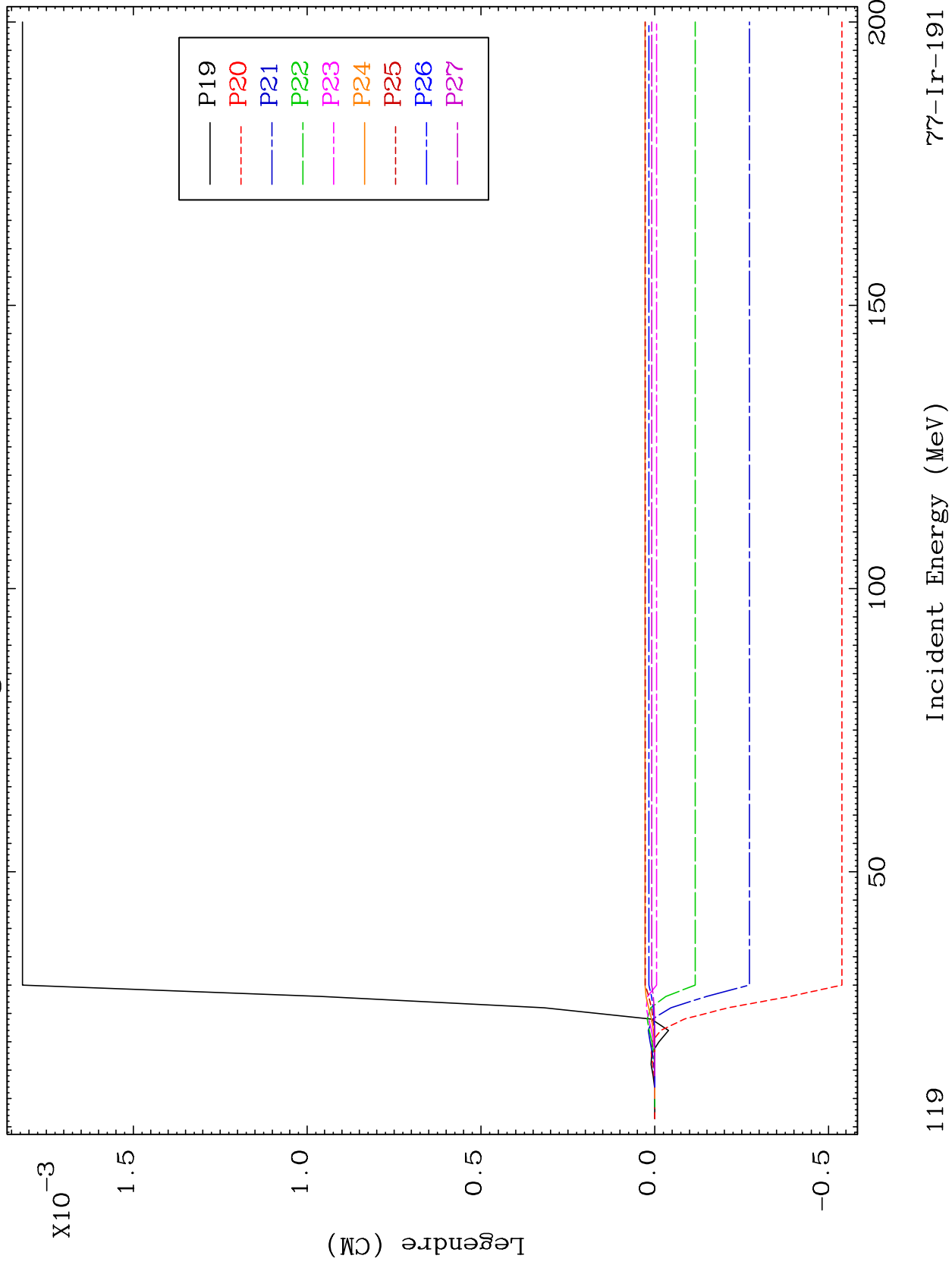
Incident Energy (MeV)

118

MAT 7725

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

77-Ir-191



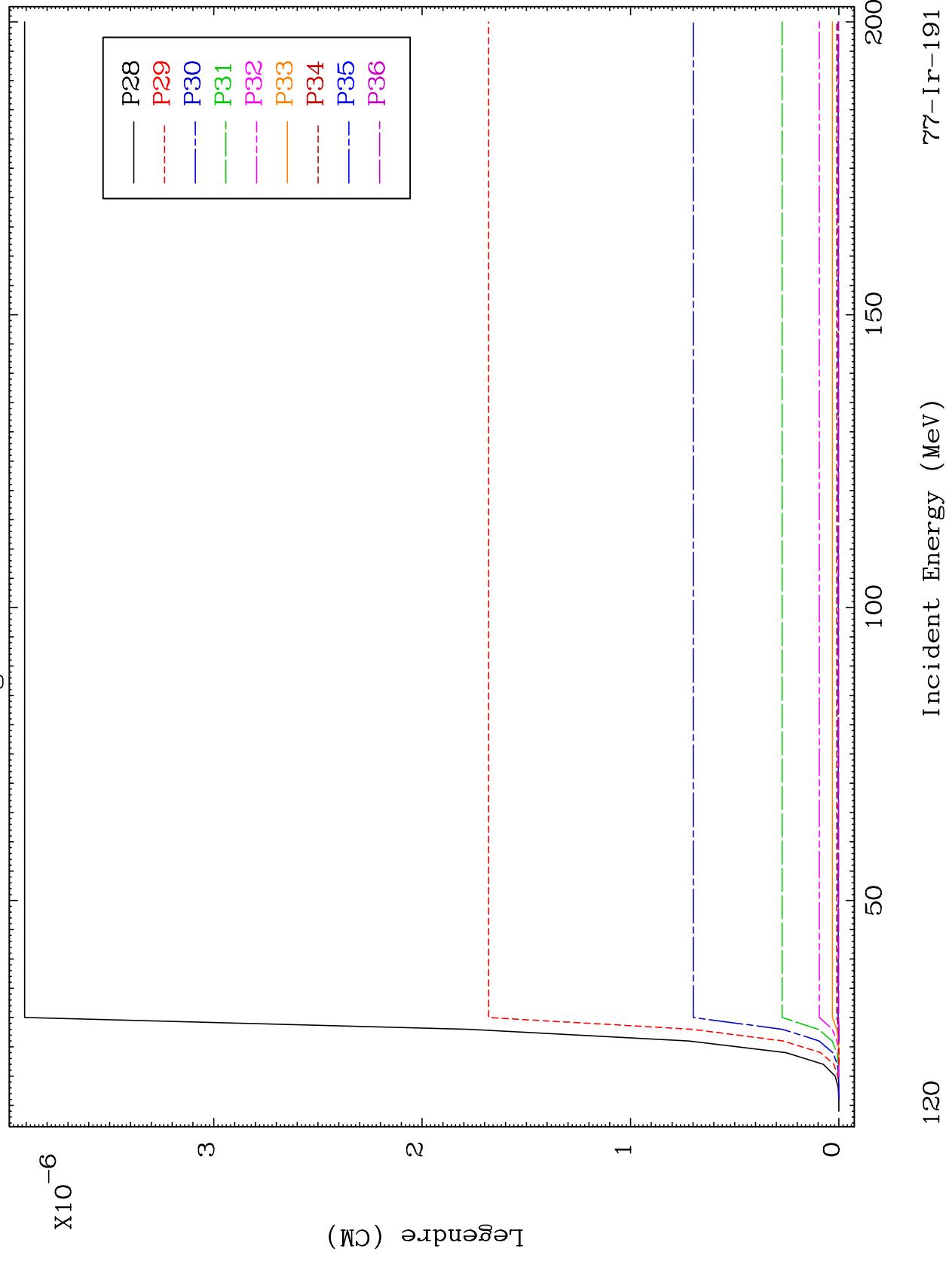
119

77-Ir-191

MAT 7725

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

77-Ir-191

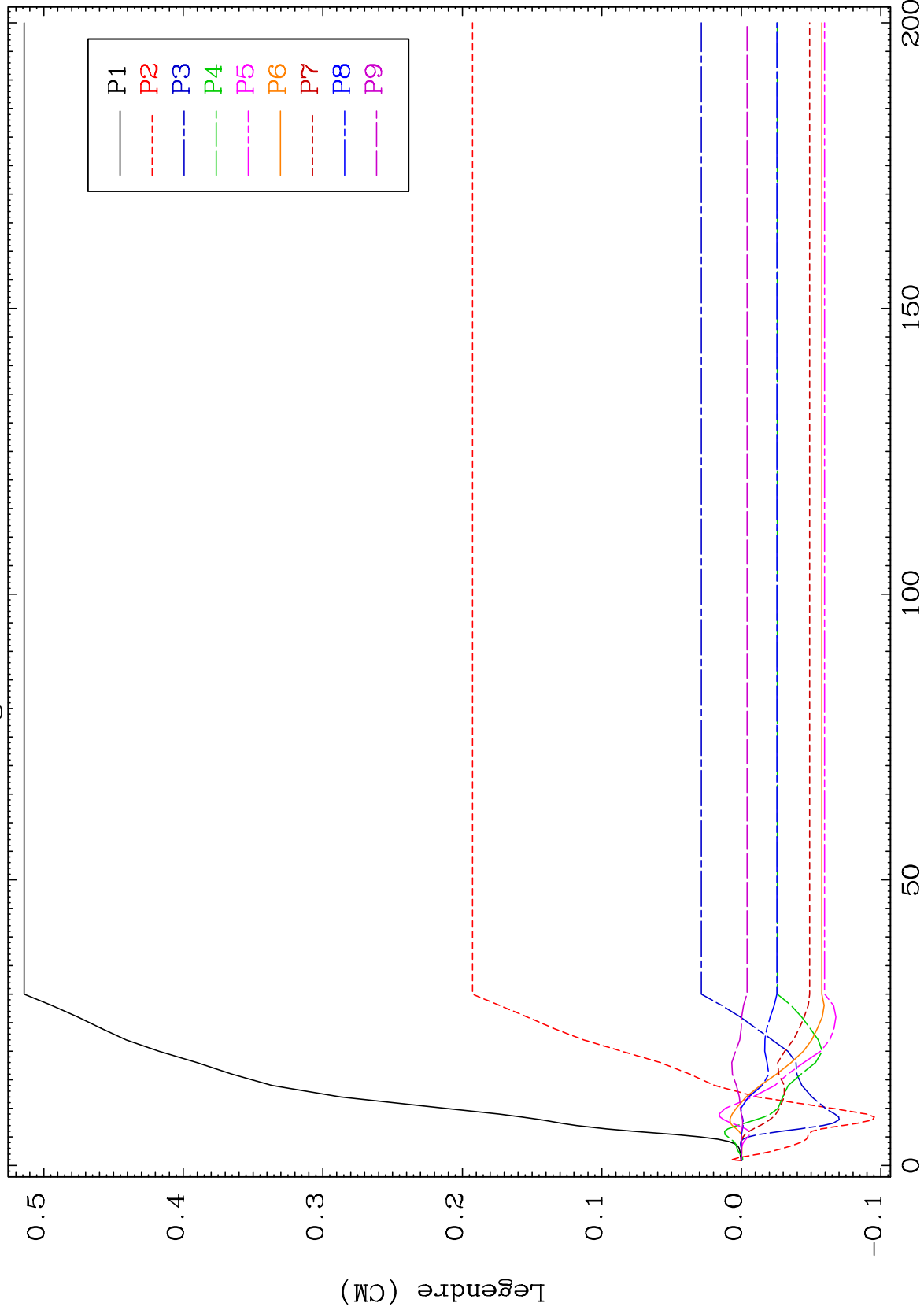


77-Ir-191

MAT 7725

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

77-Ir-191



121

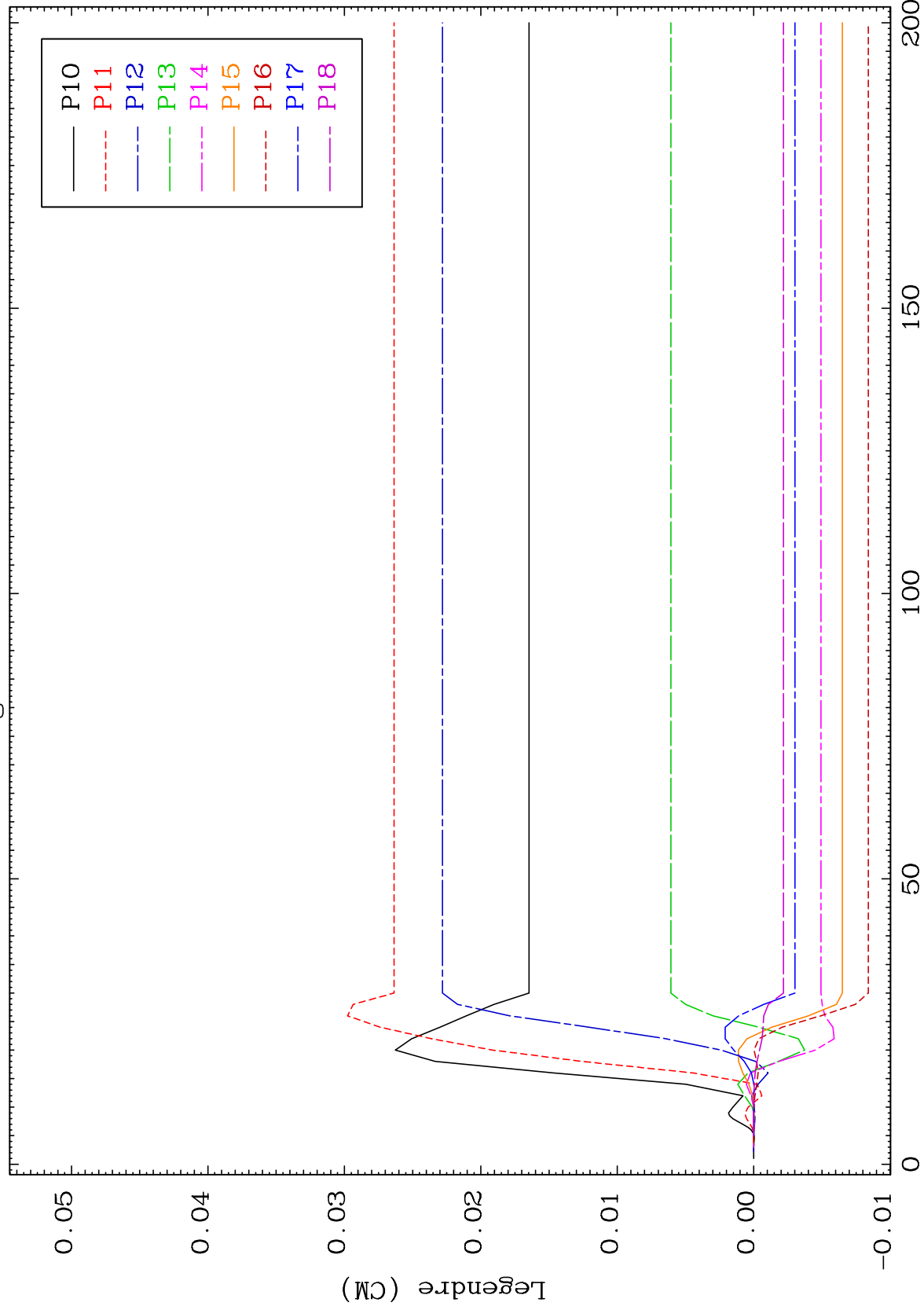
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

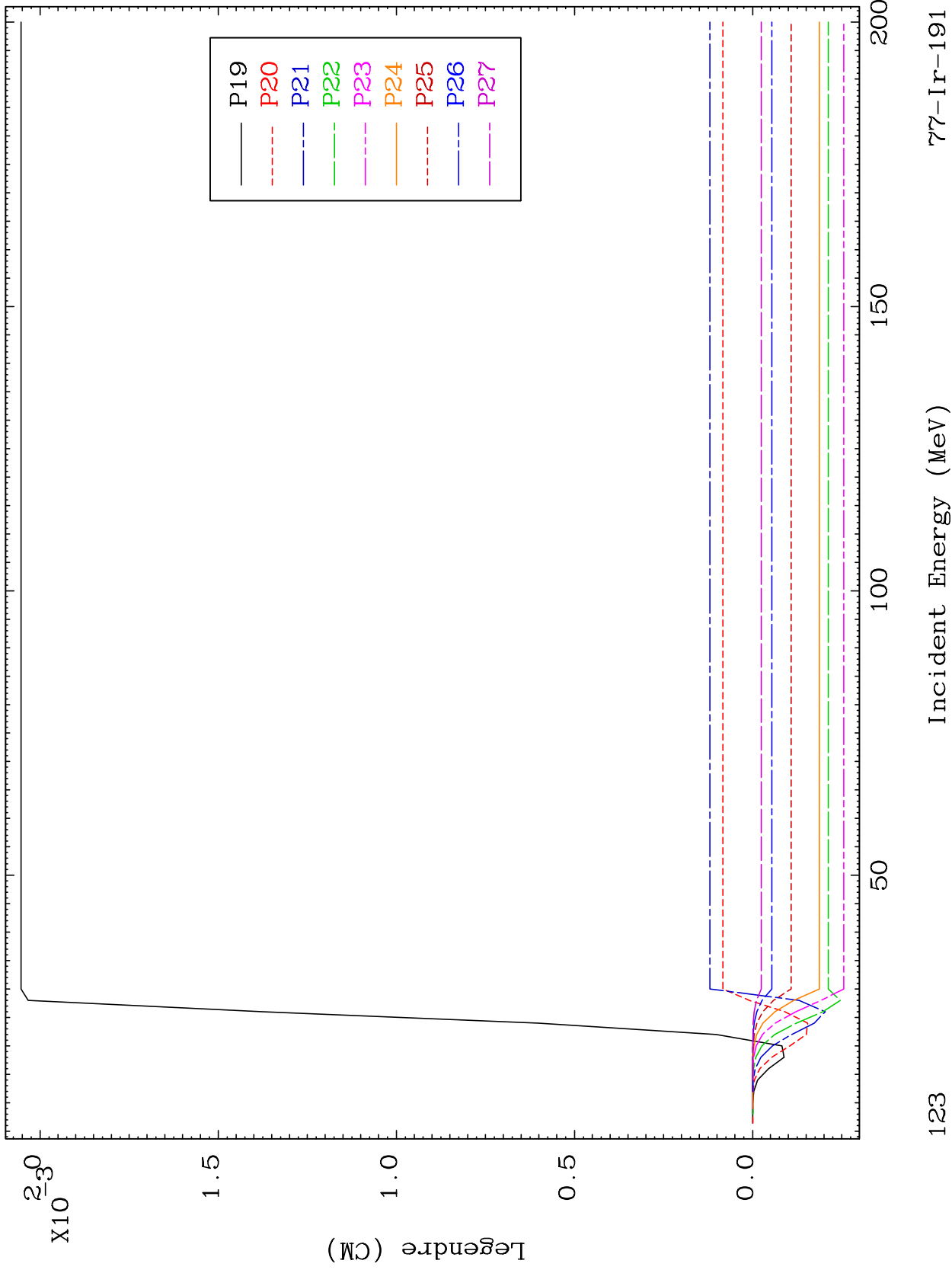
77-Ir-191

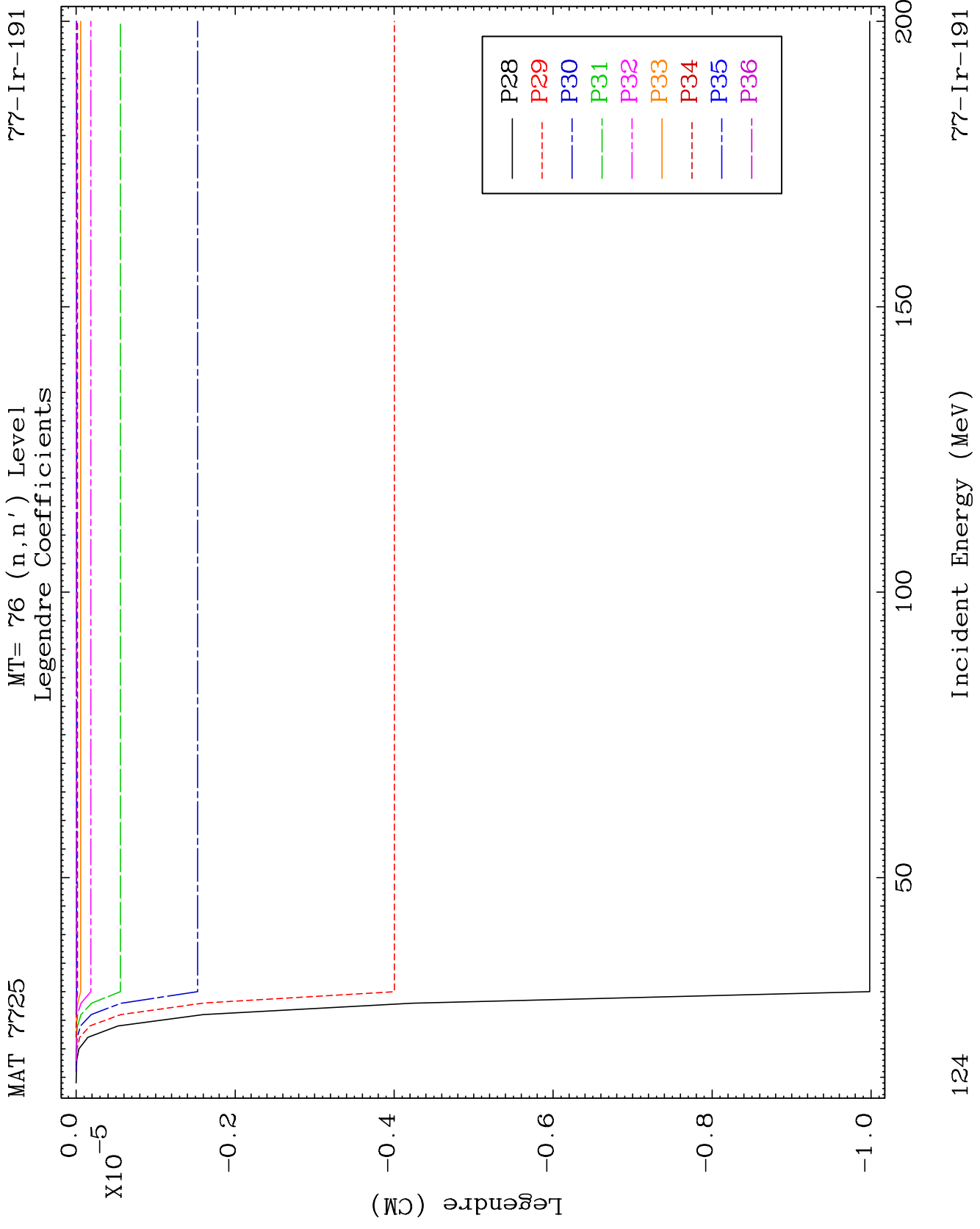


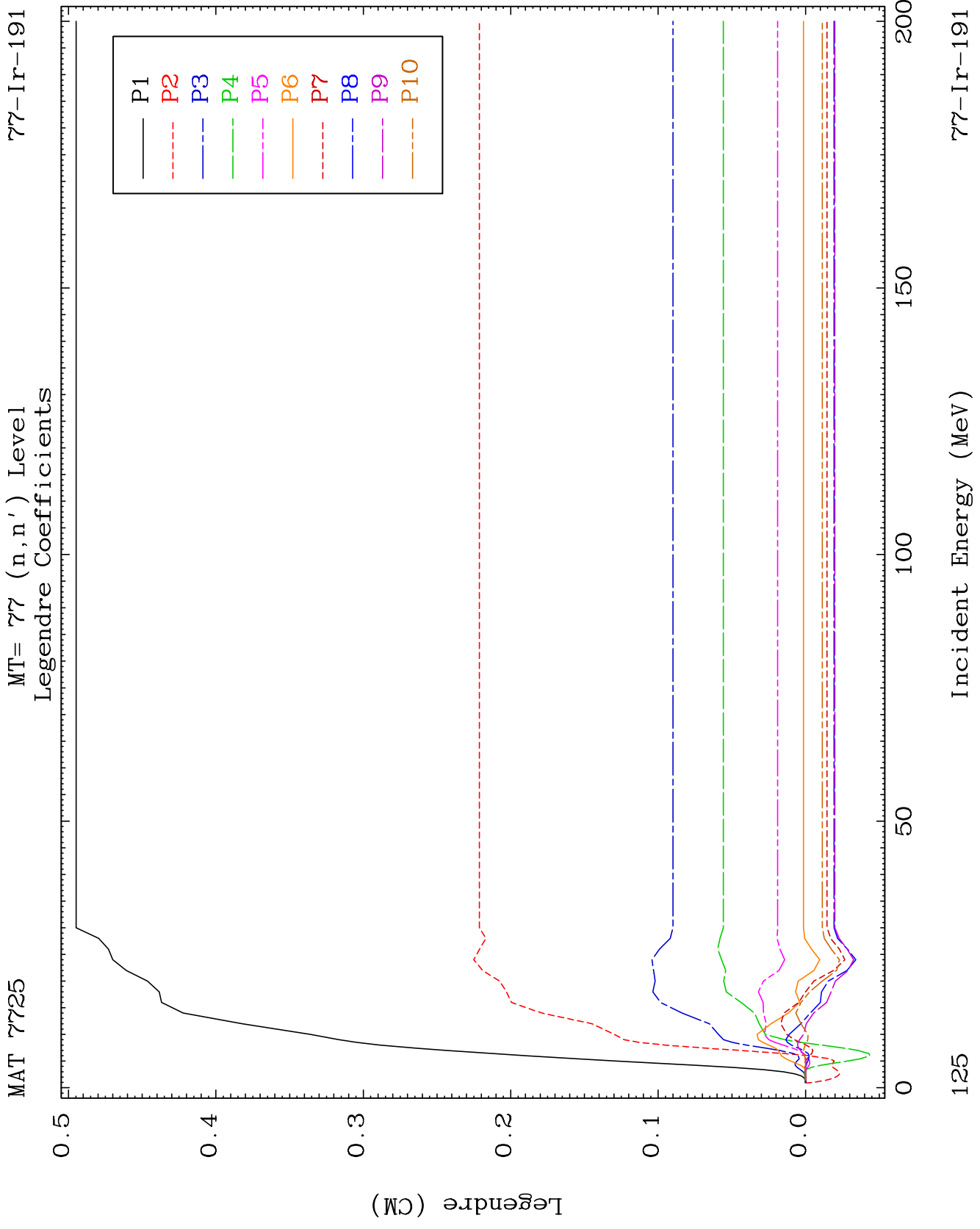
122

Incident Energy (MeV)

77-Ir-191



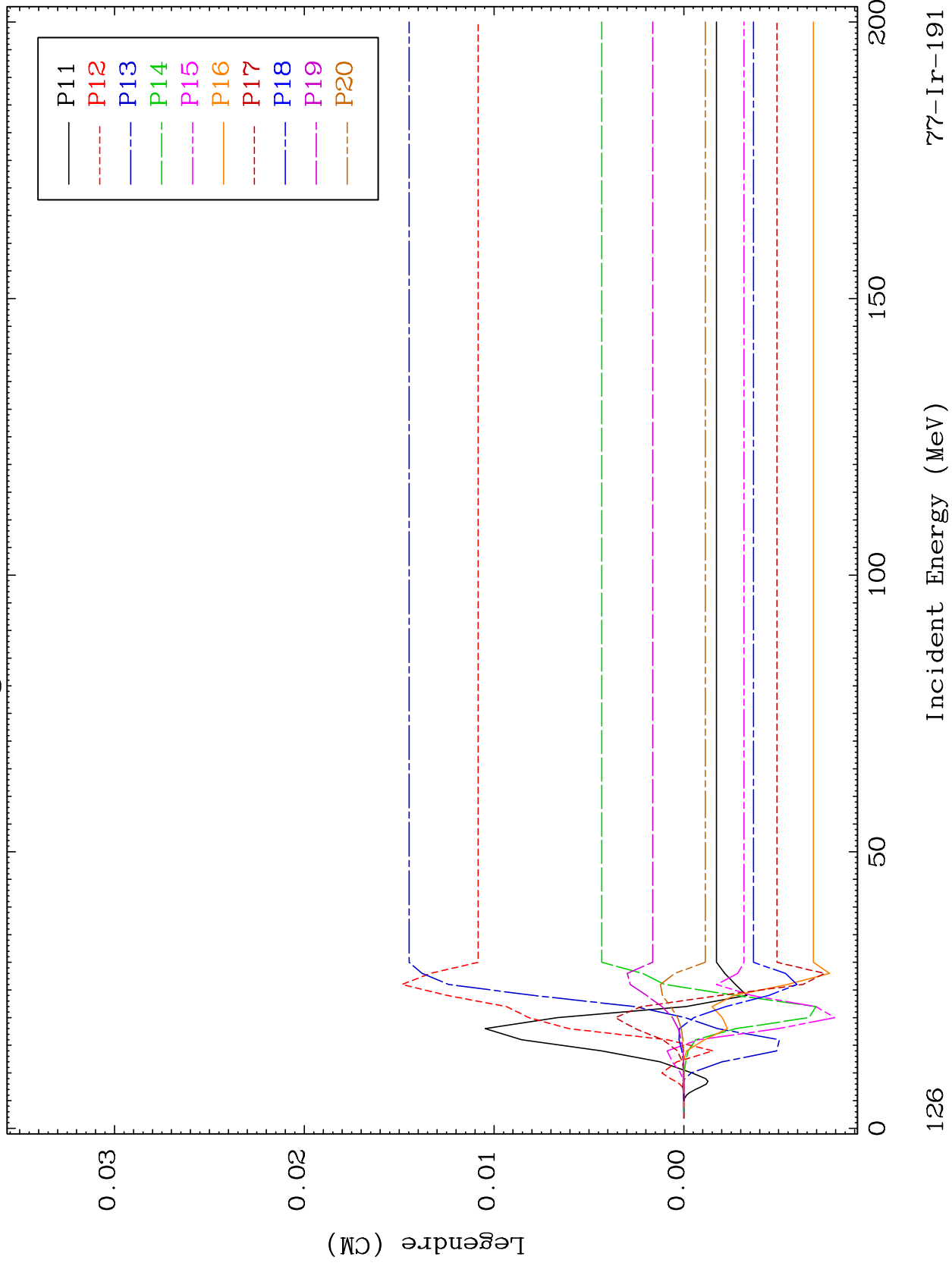




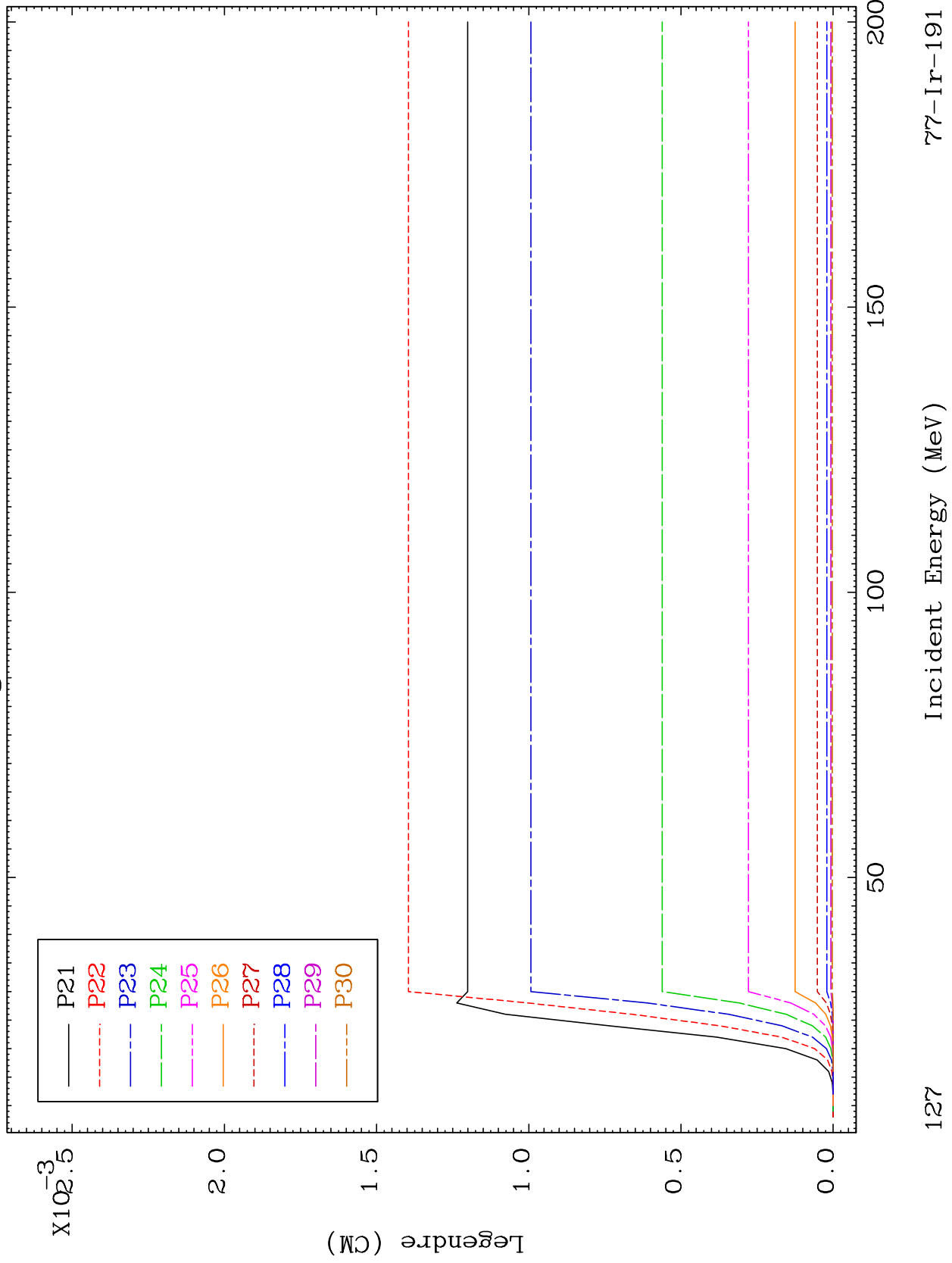
MAT 7725

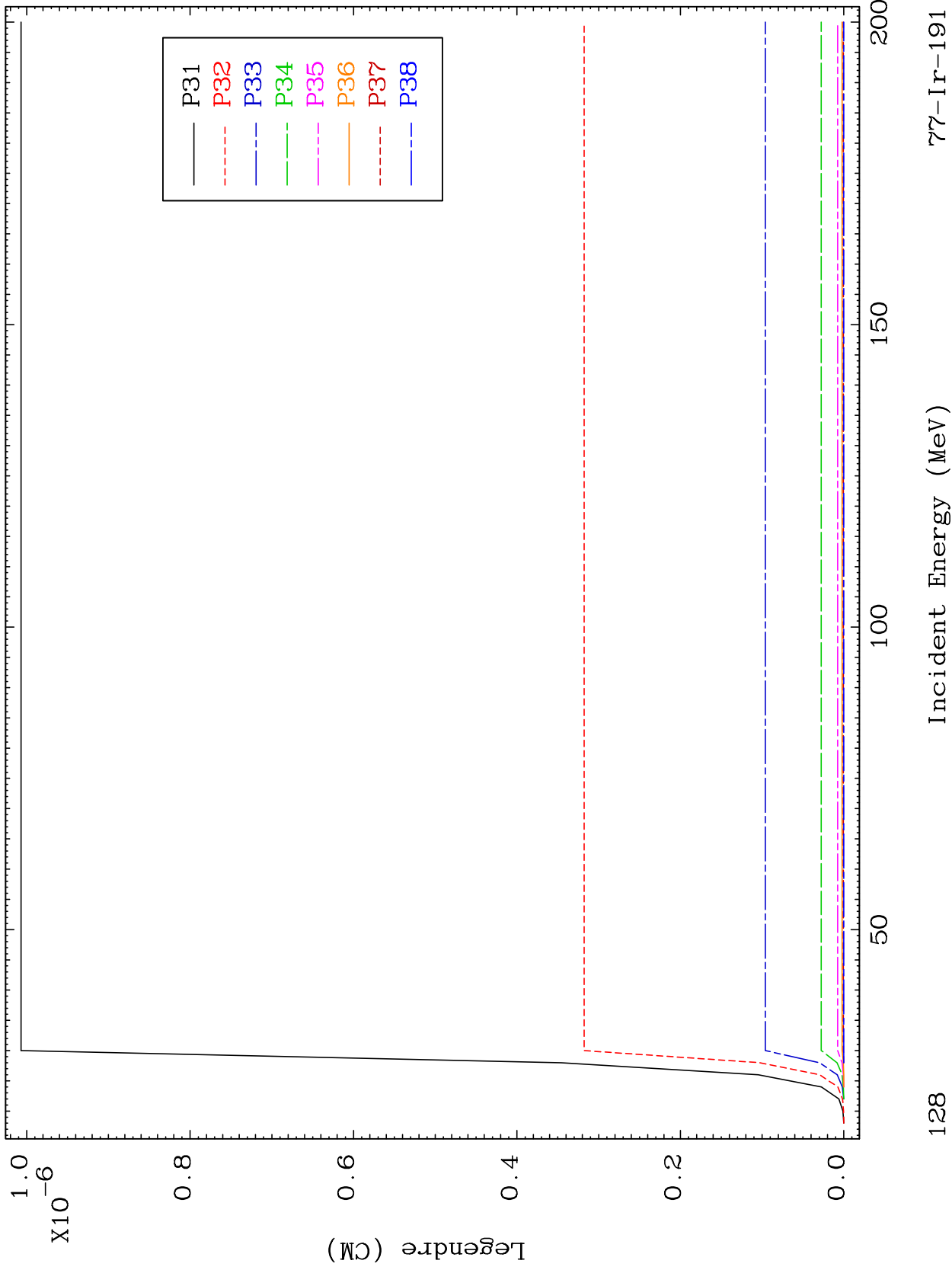
MT= 77 (n,n') Level
Legendre Coefficients

77-Ir-191



126

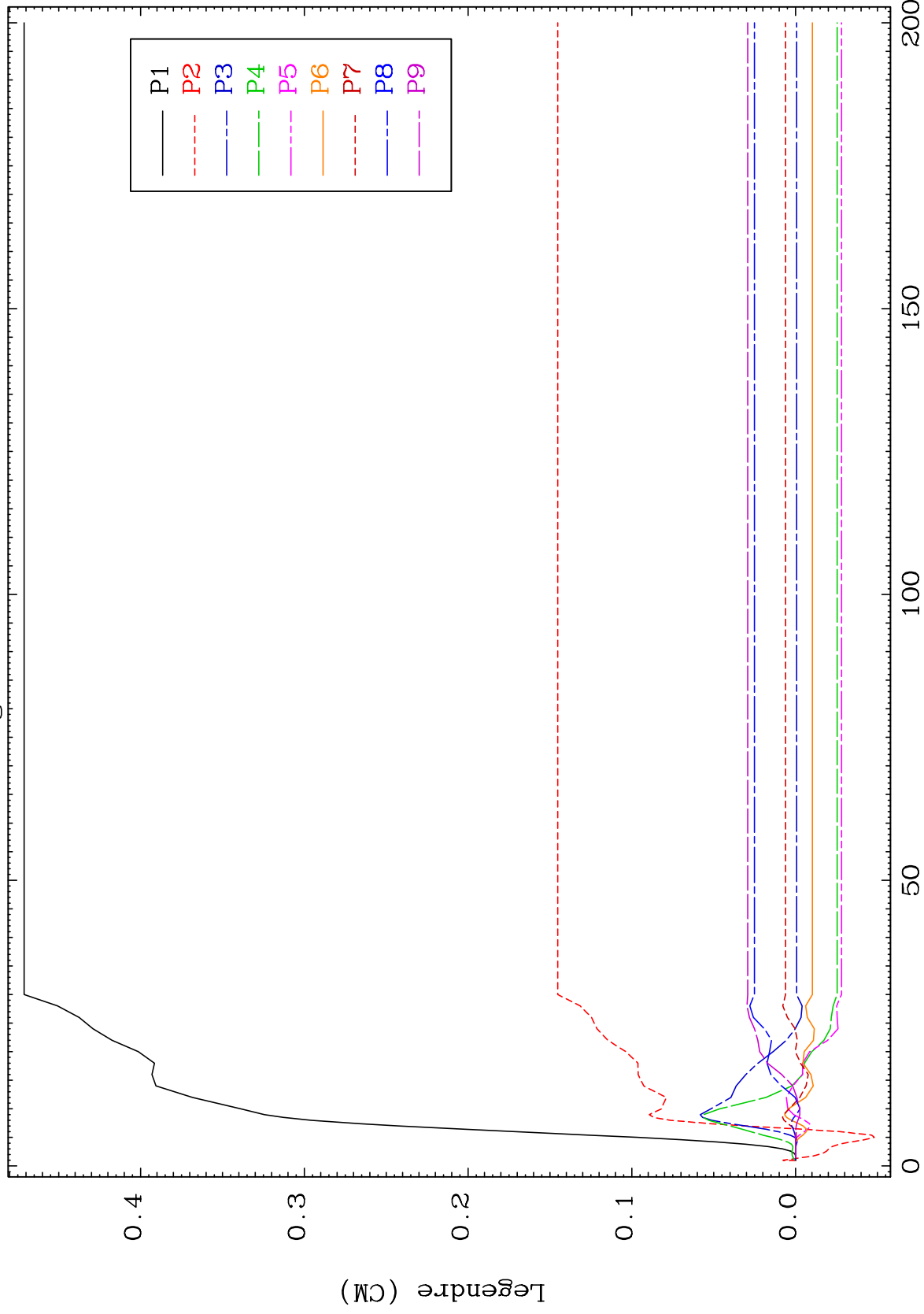




MAT 7725

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

77-Ir-191



77-Ir-191

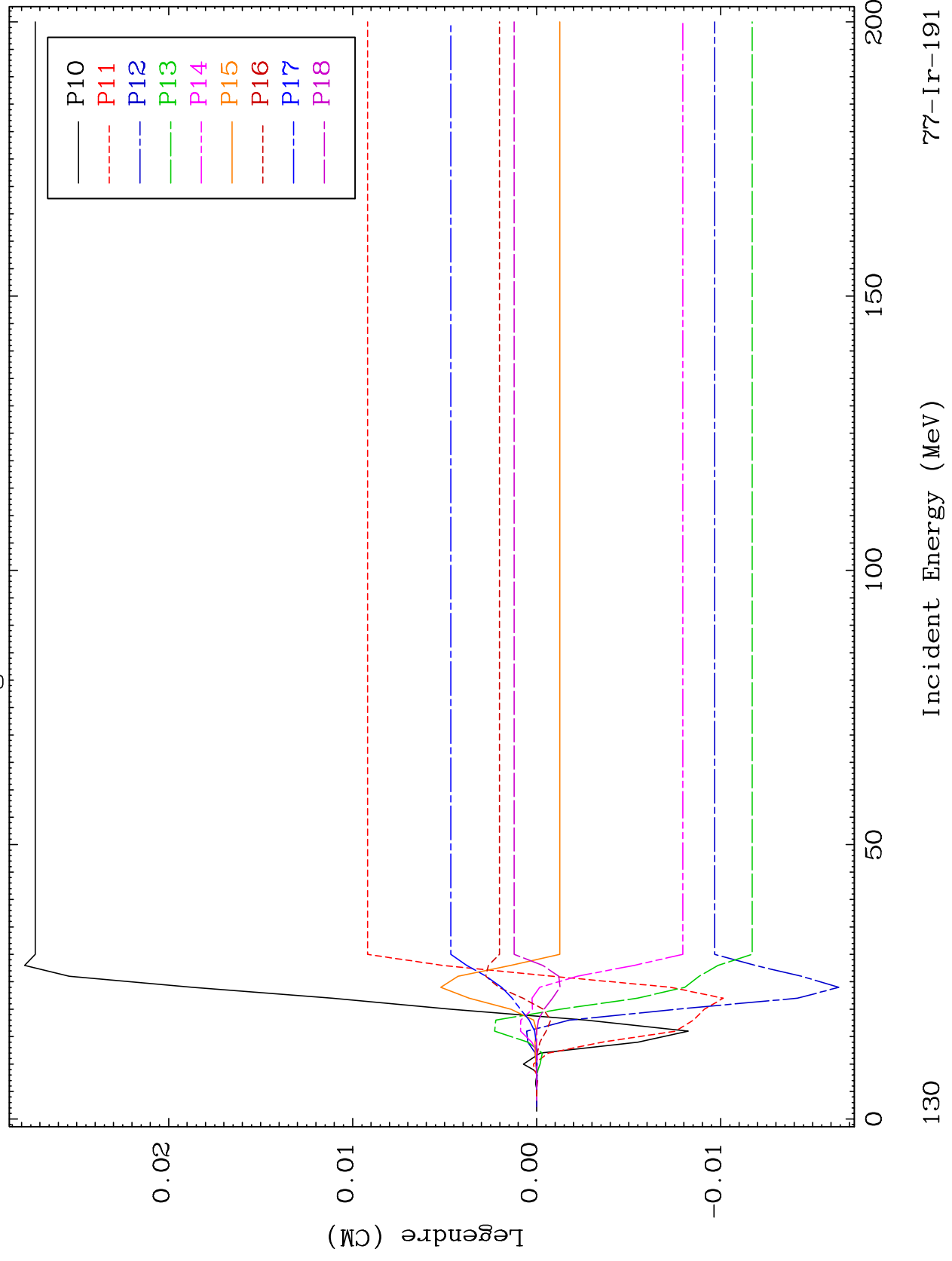
Incident Energy (MeV)

129

MAT 7725

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

77-Ir-191



77-Ir-191

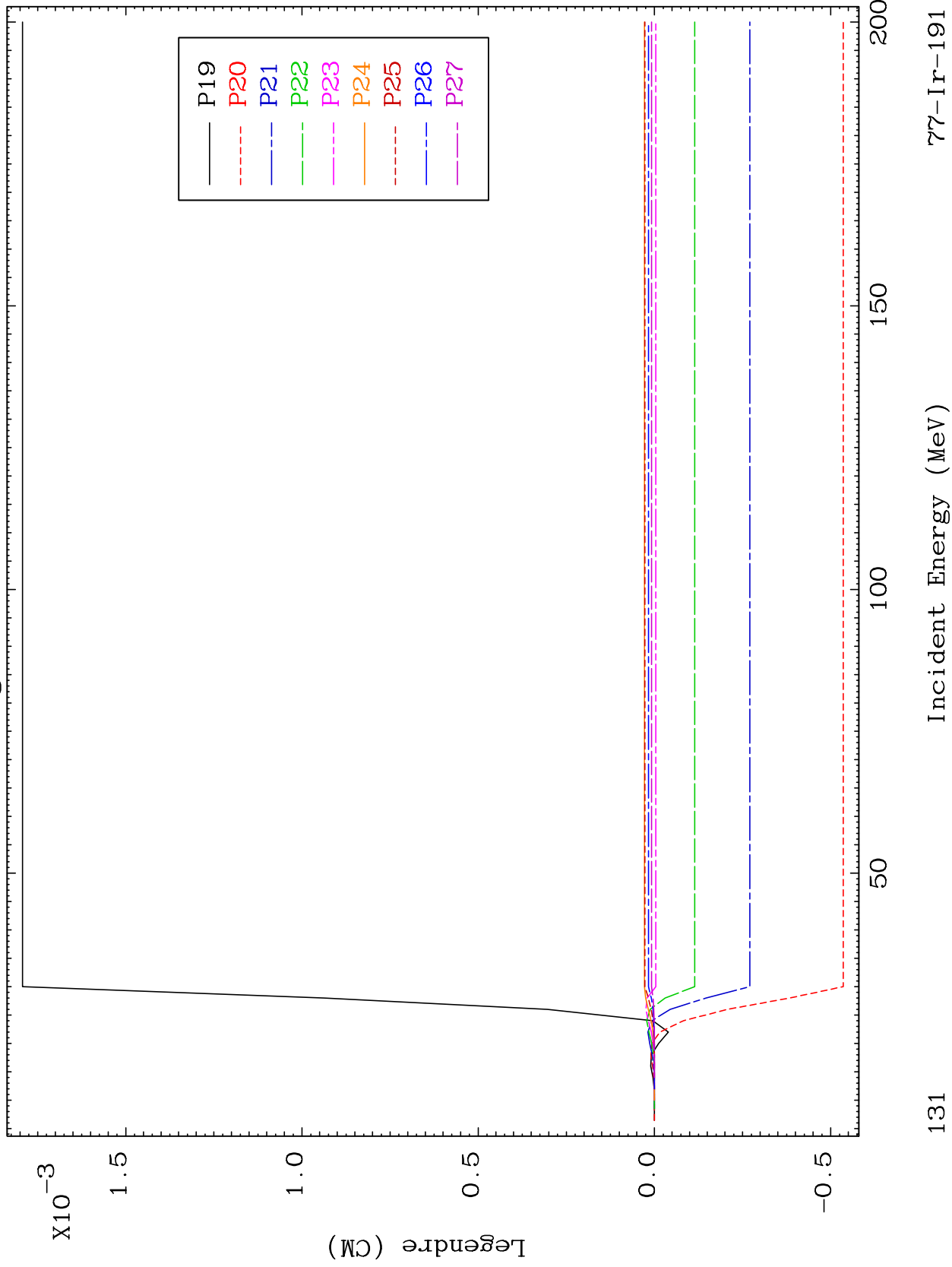
Incident Energy (MeV)

130

MAT 7725

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

77-Ir-191



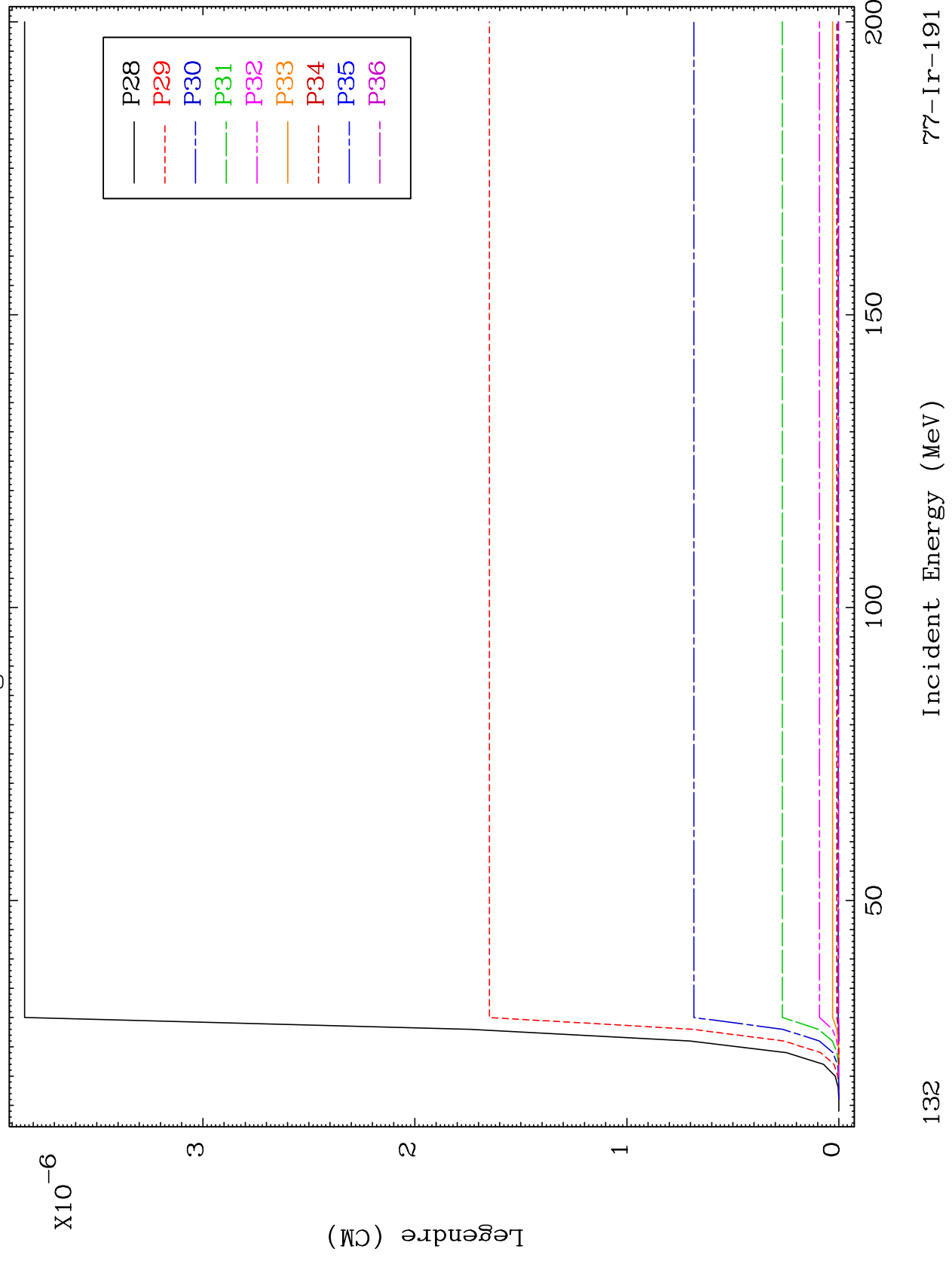
131

77-Ir-191

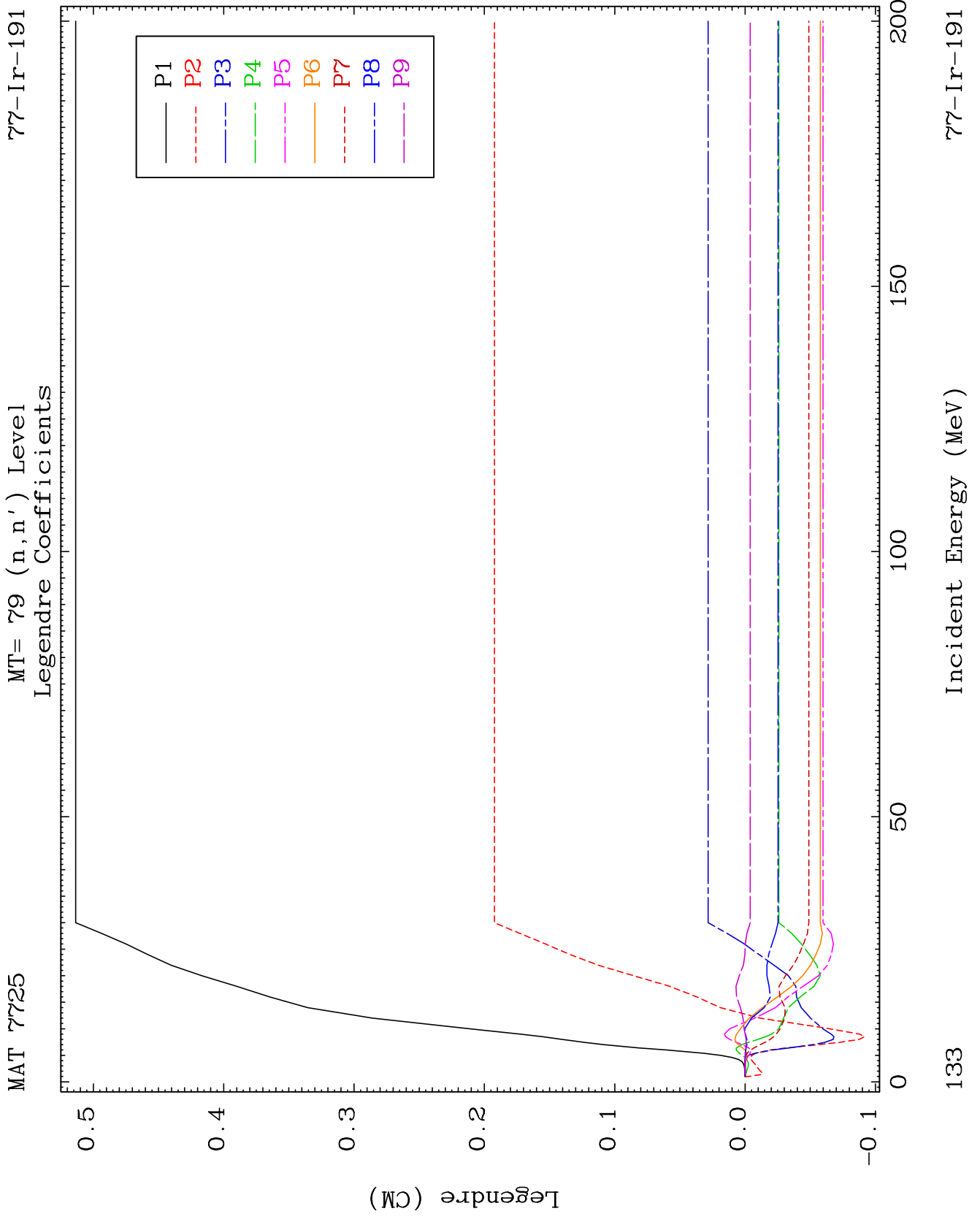
MAT 7725

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

77-Ir-191



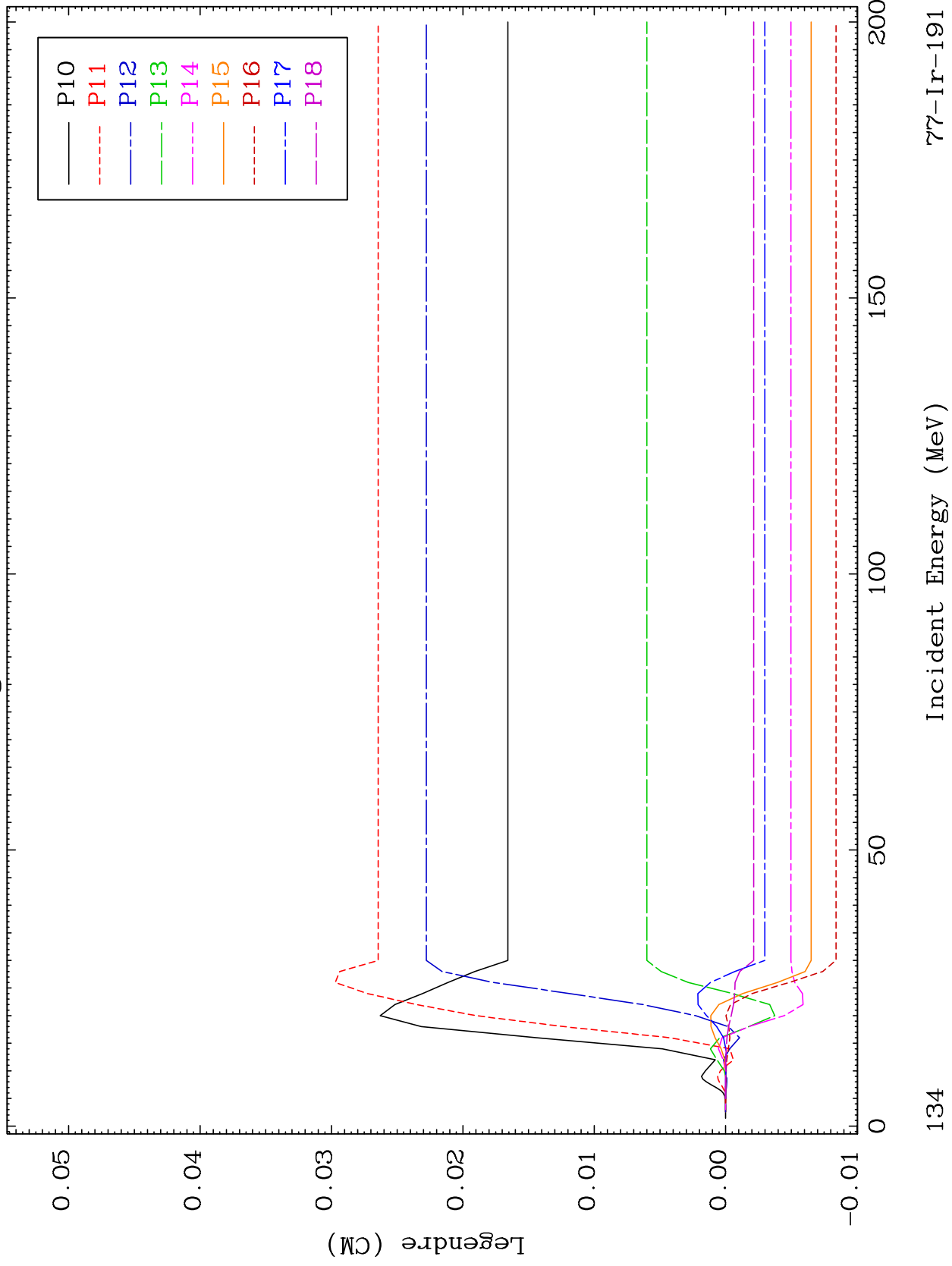
132



MAT 7725

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

77-Ir-191



134

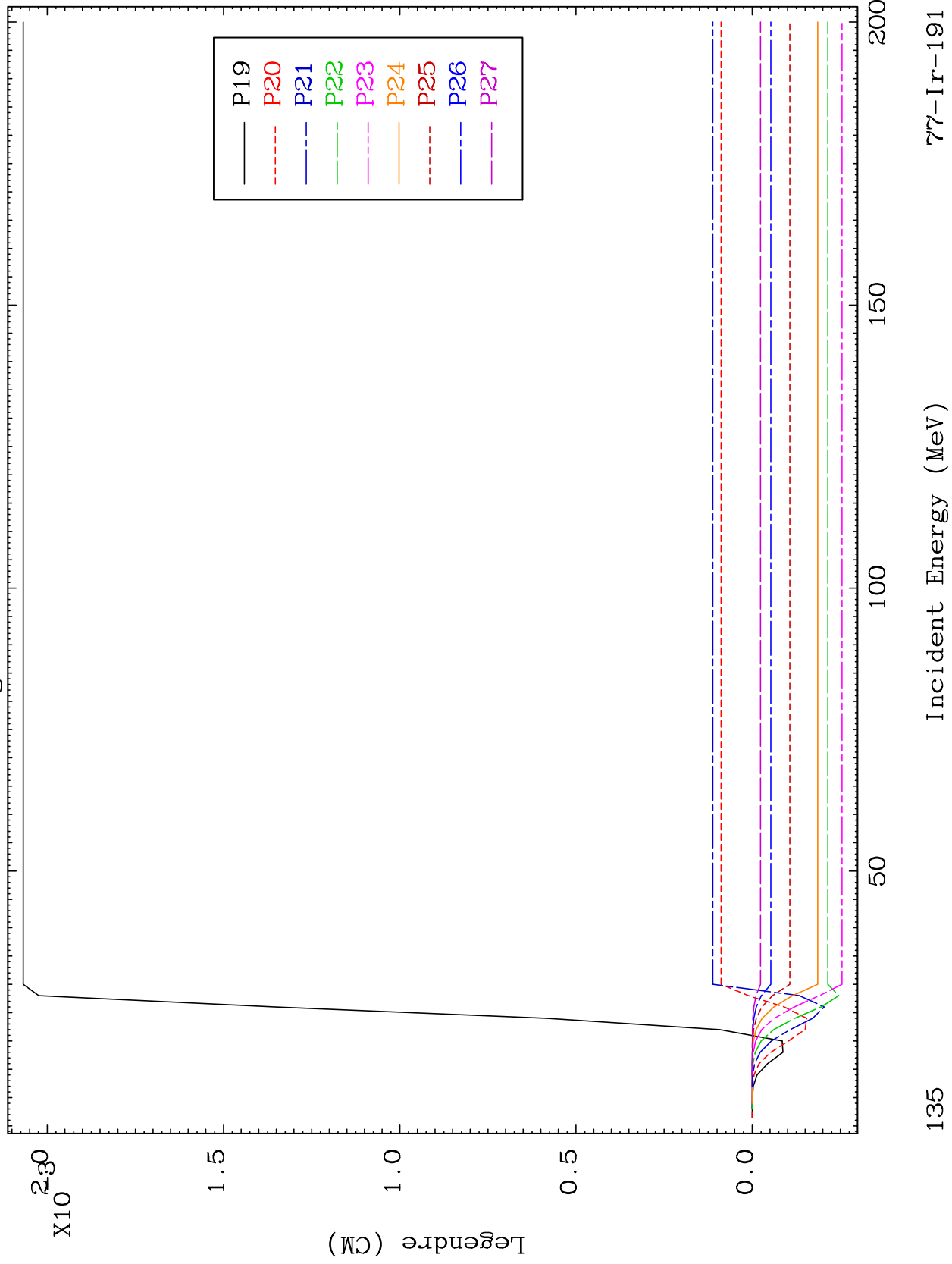
Incident Energy (MeV)

77-Ir-191

MAT 7725

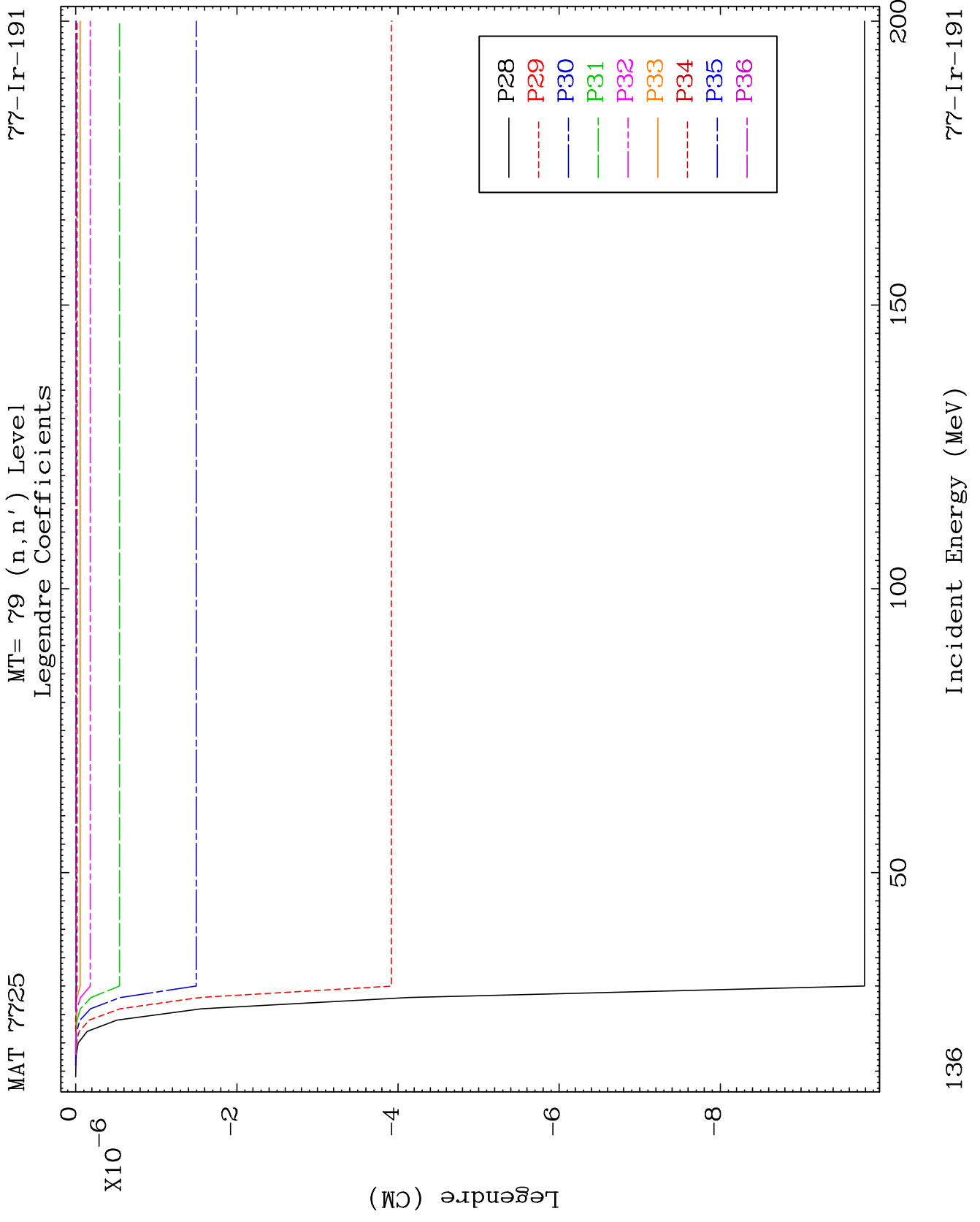
MT= 79 (n,n') Level
Legendre Coefficients

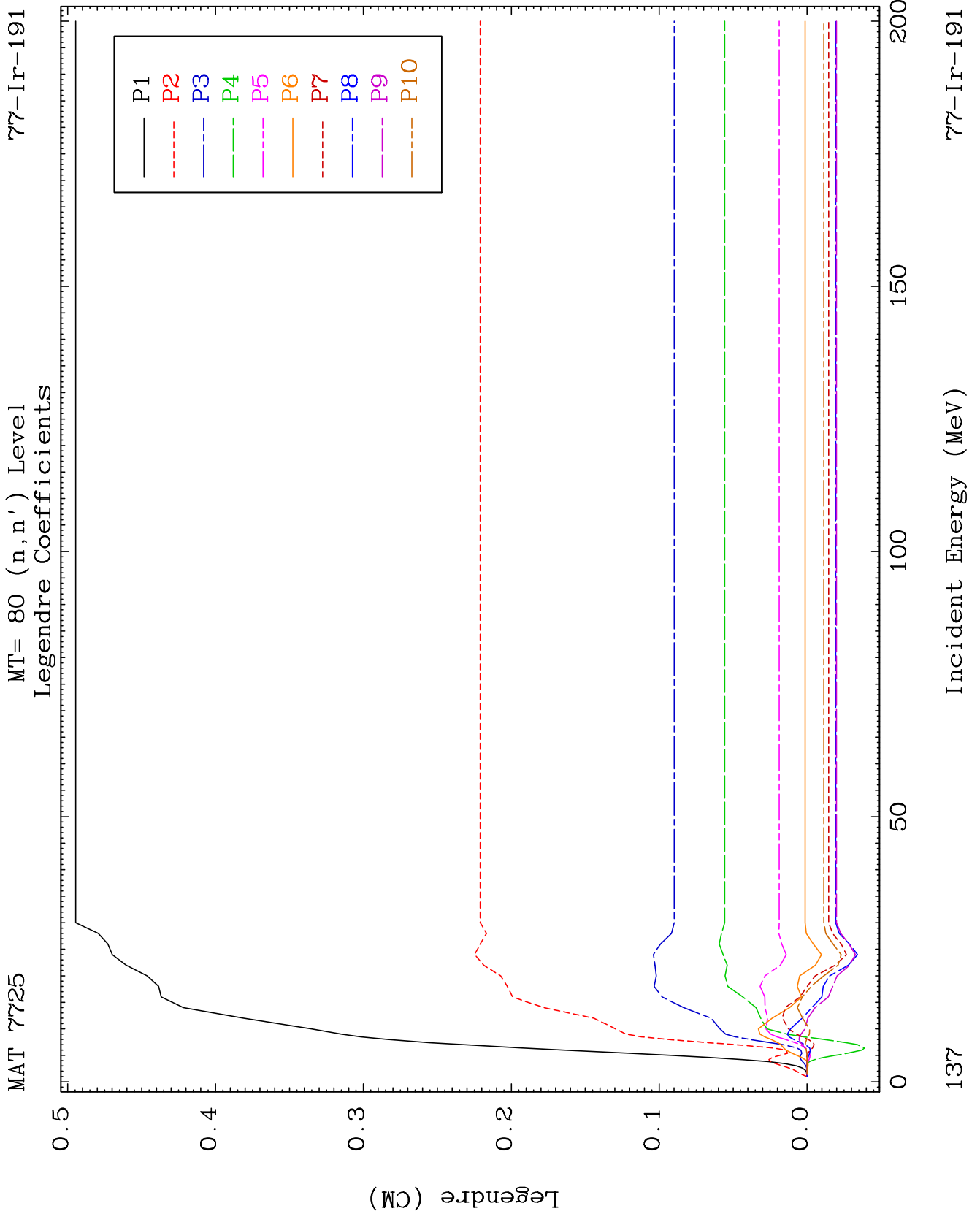
77-Ir-191



135

77-Ir-191

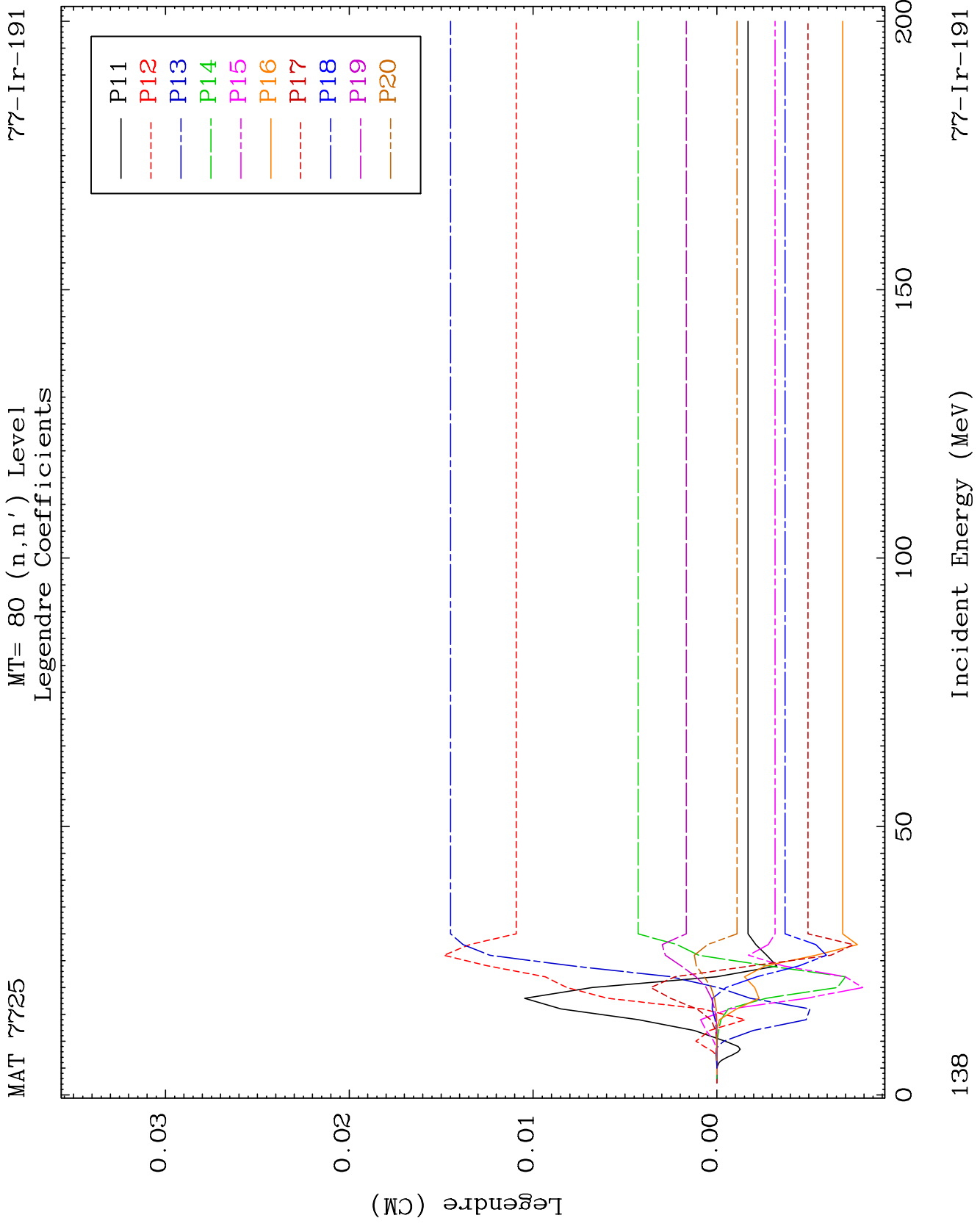


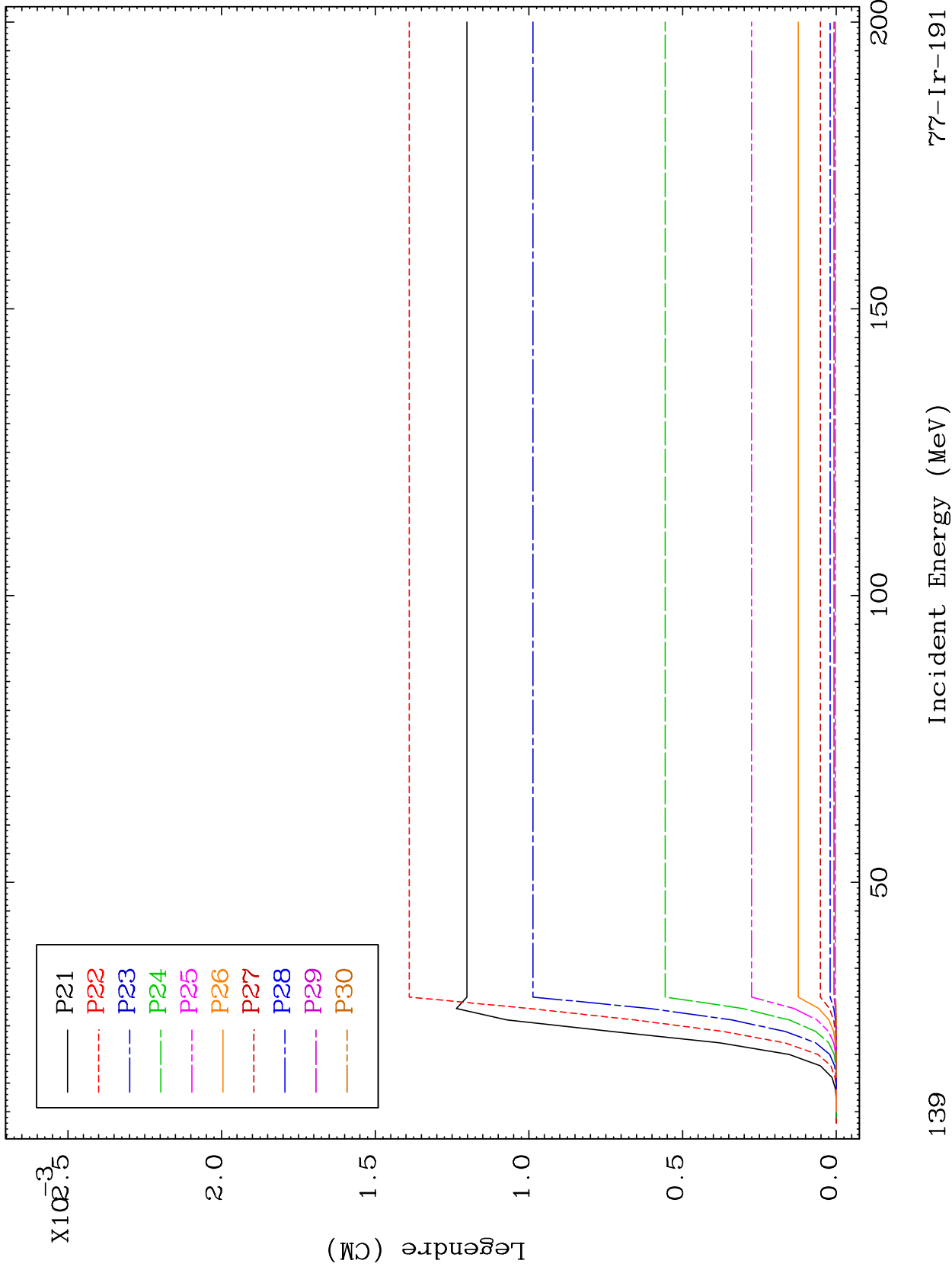


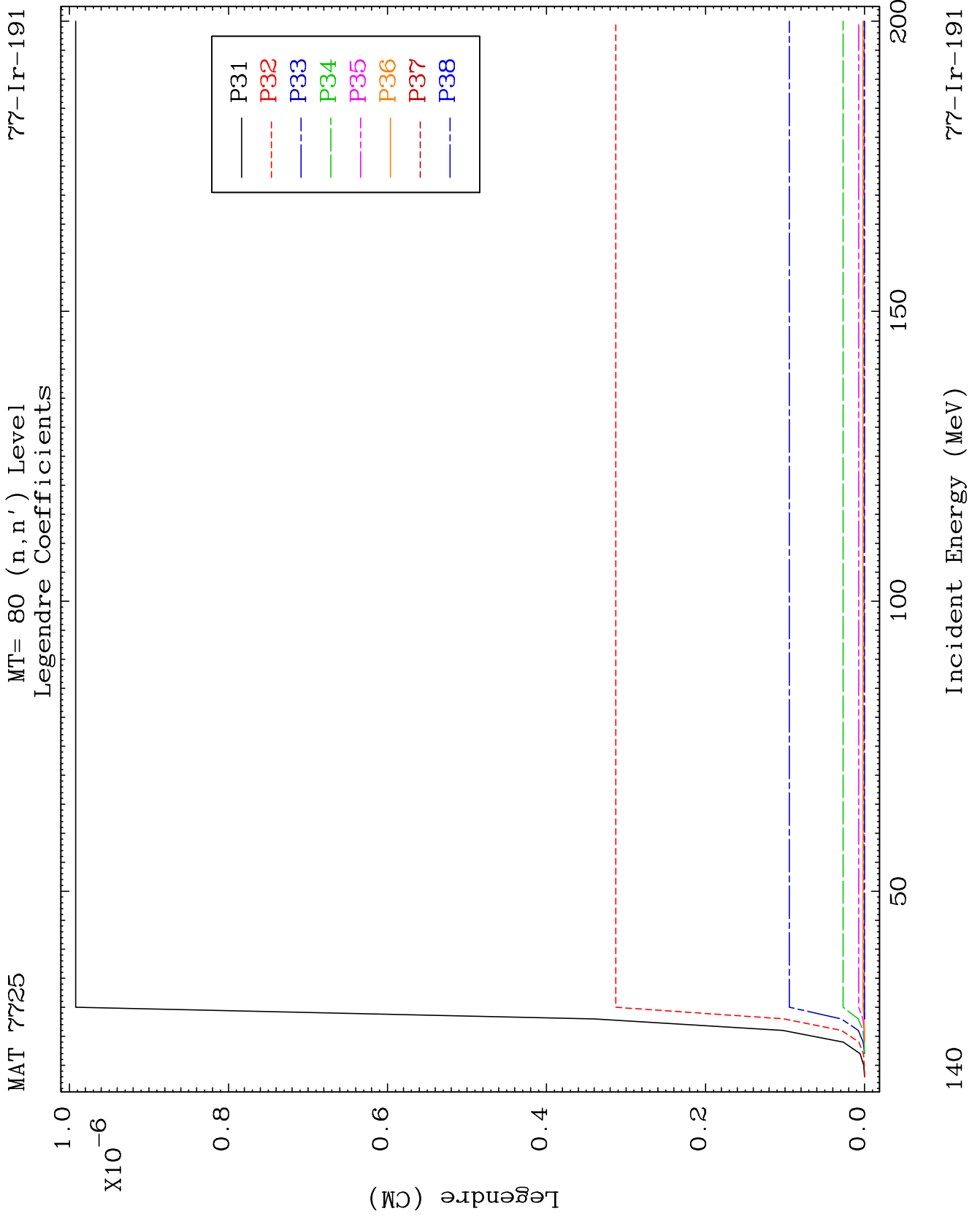
77-Ir-191

Incident Energy (MeV)

137





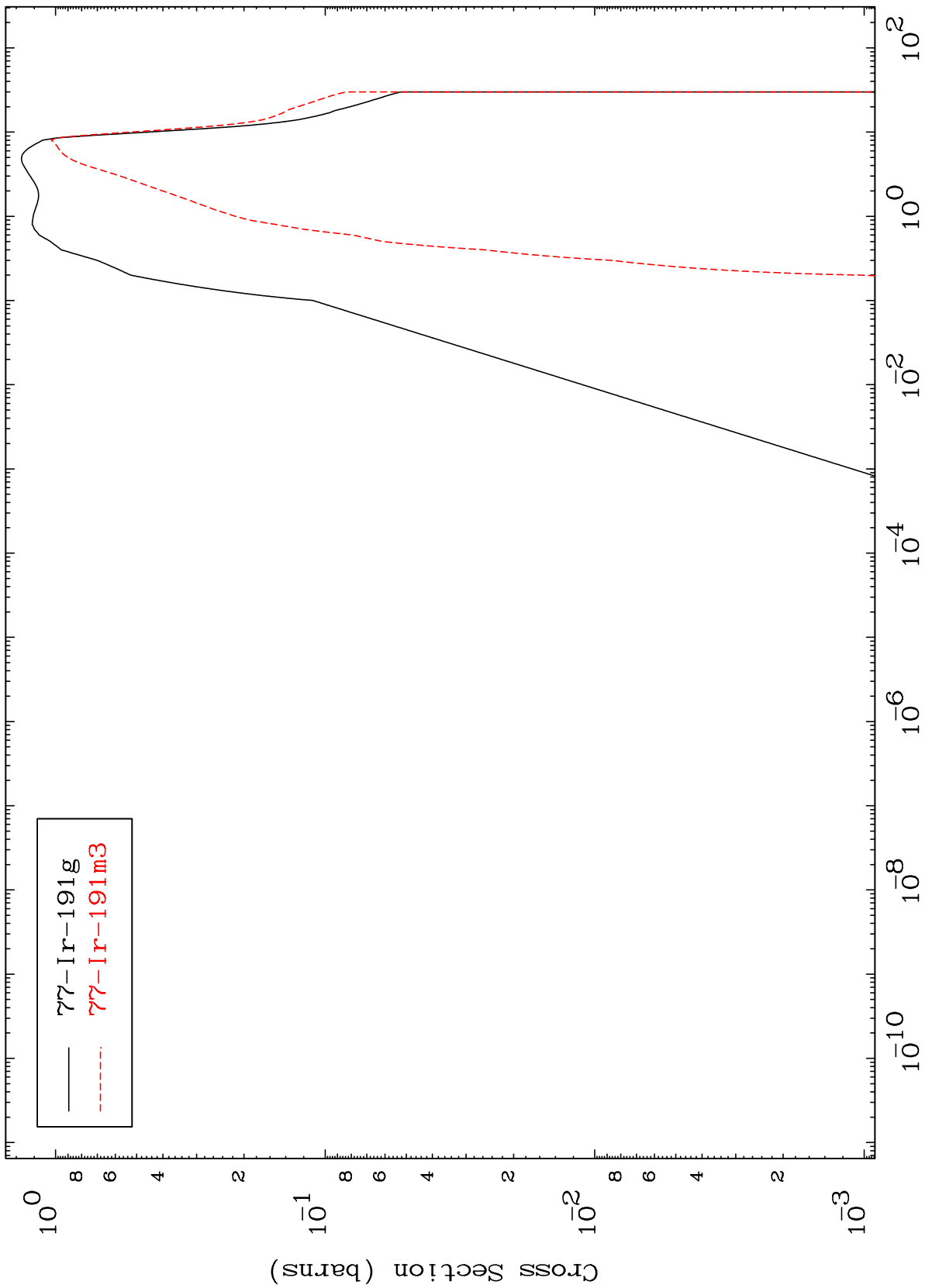


MAT 7725

Inelastic

⁷⁷Ir-191

Radionuclide Production Cross Section



141

Incident Energy (MeV)

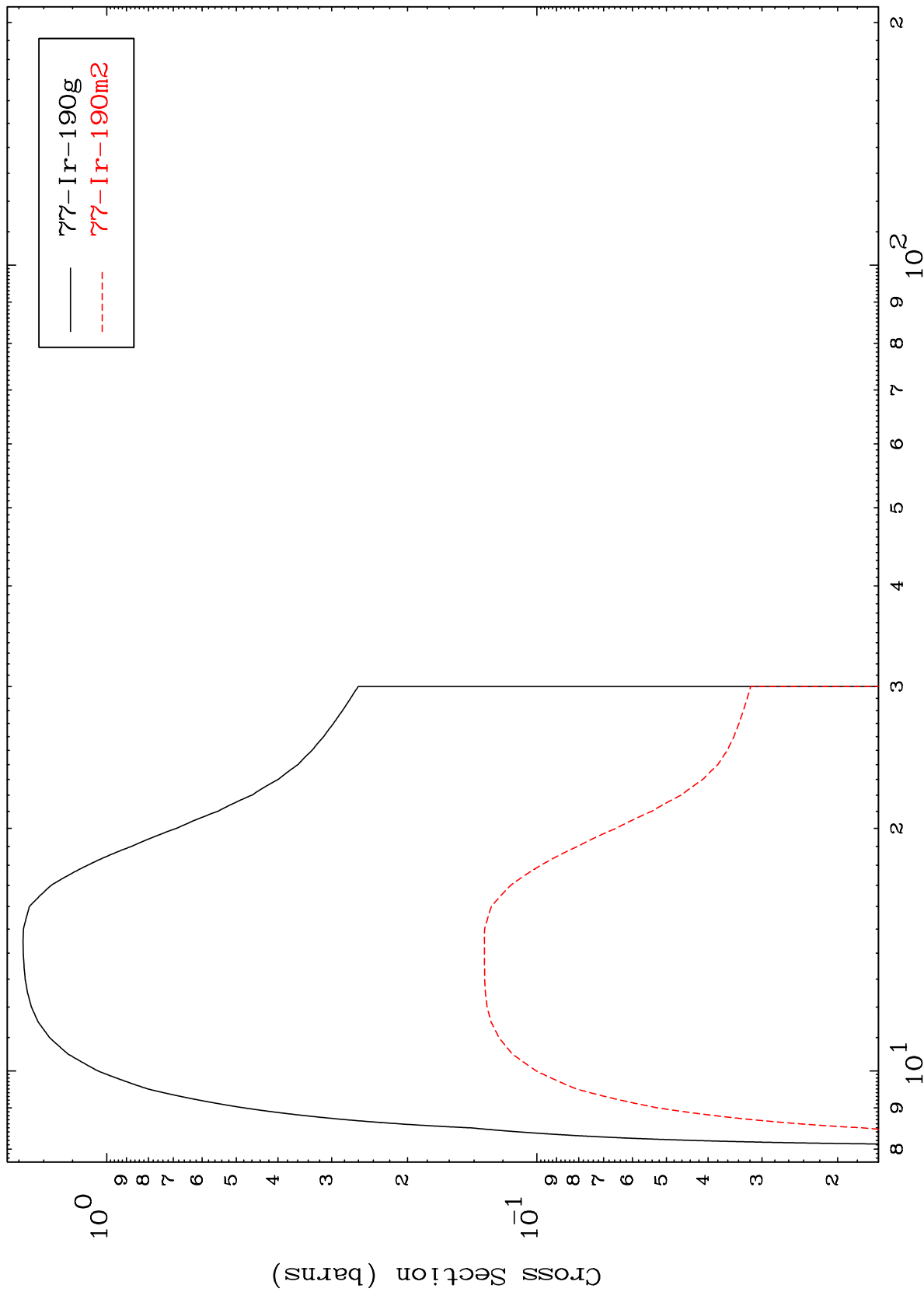
⁷⁷Ir-191

MAT 7725

77-Ir-191

(n,2n)

Radionuclide Production Cross Section



77-Ir-190g
77-Ir-190m2

142

Incident Energy (MeV)

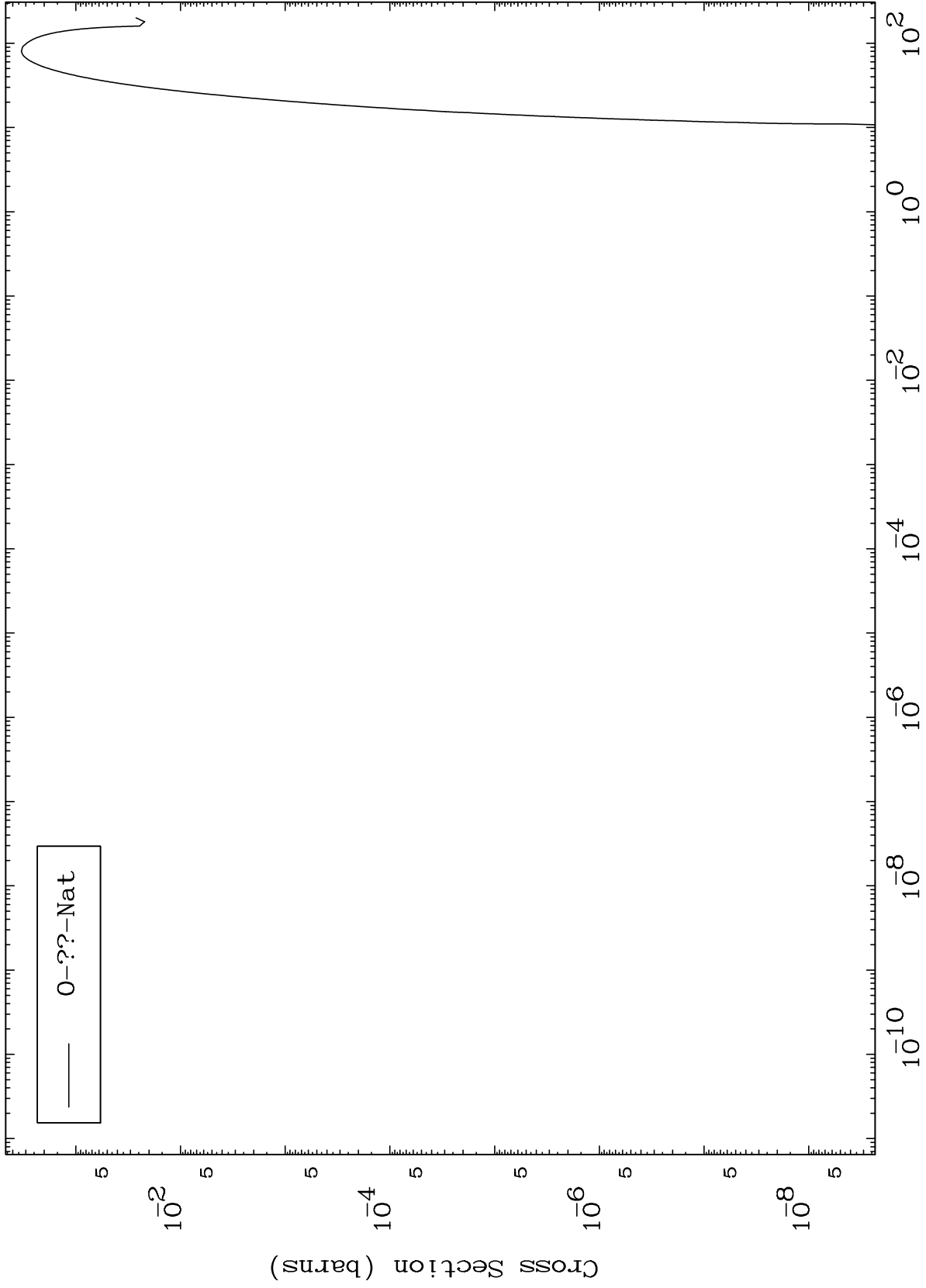
77-Ir-191

MAT 7725

Fission

⁷⁷Ir-191

Radionuclide Production Cross Section



143

Incident Energy (MeV)

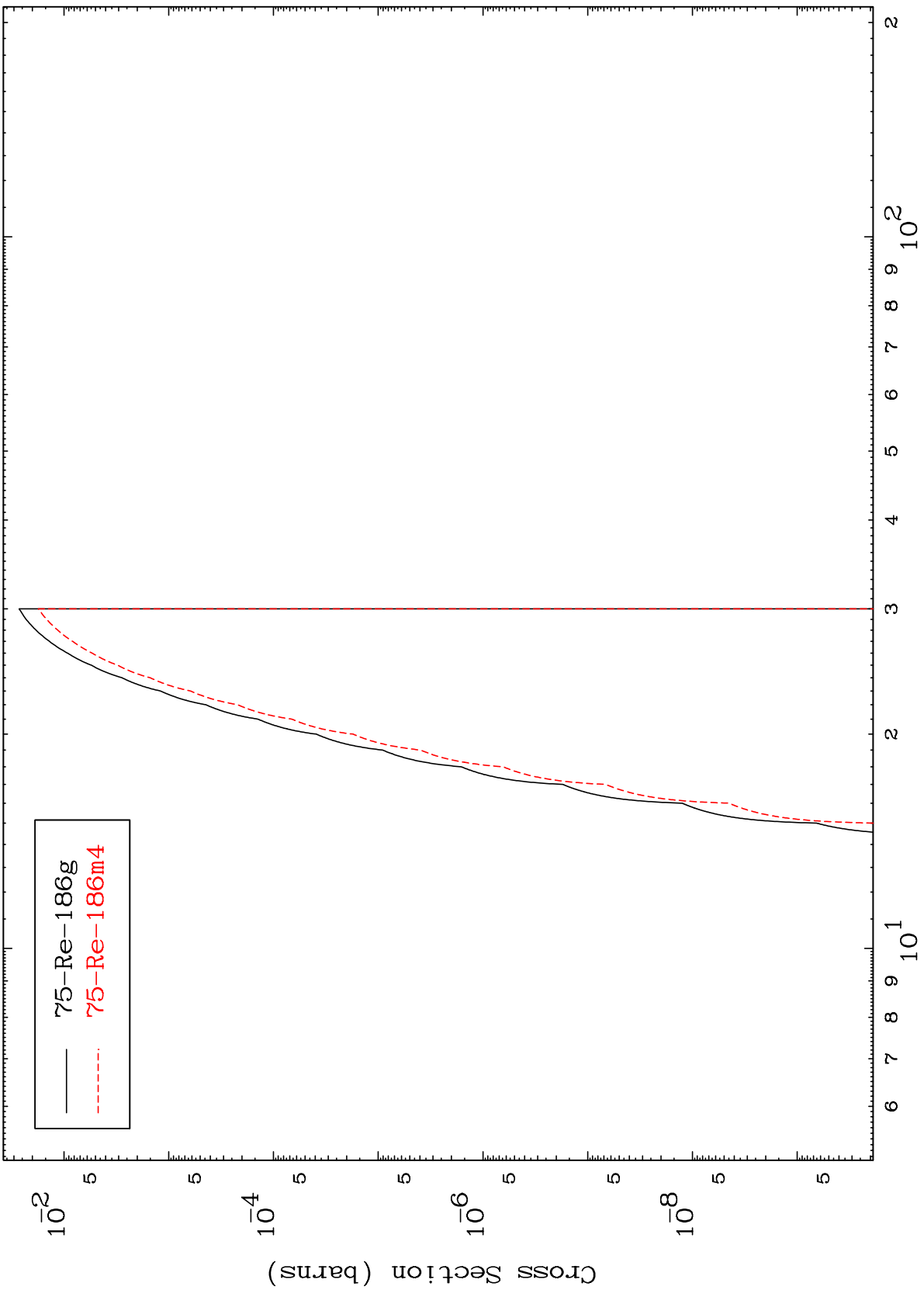
⁷⁷Ir-191

MAT 7725

$(n,2n) \alpha$

$^{77}\text{Ir-191}$

Radionuclide Production Cross Section



144

Incident Energy (MeV)

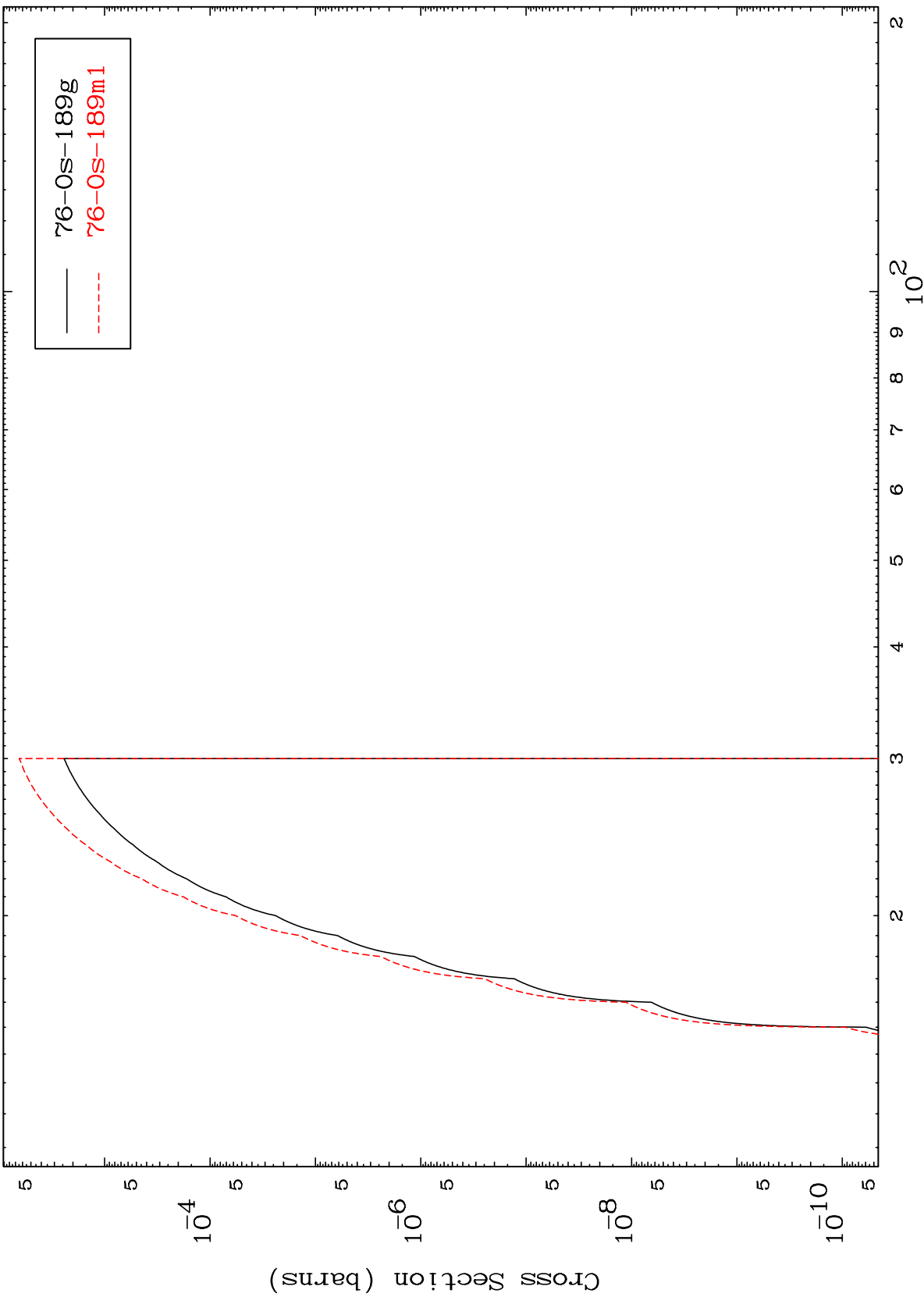
$^{77}\text{Ir-191}$

MAT 7725

(n,n') d

77-Ir-191

Radionuclide Production Cross Section



145

Incident Energy (MeV)

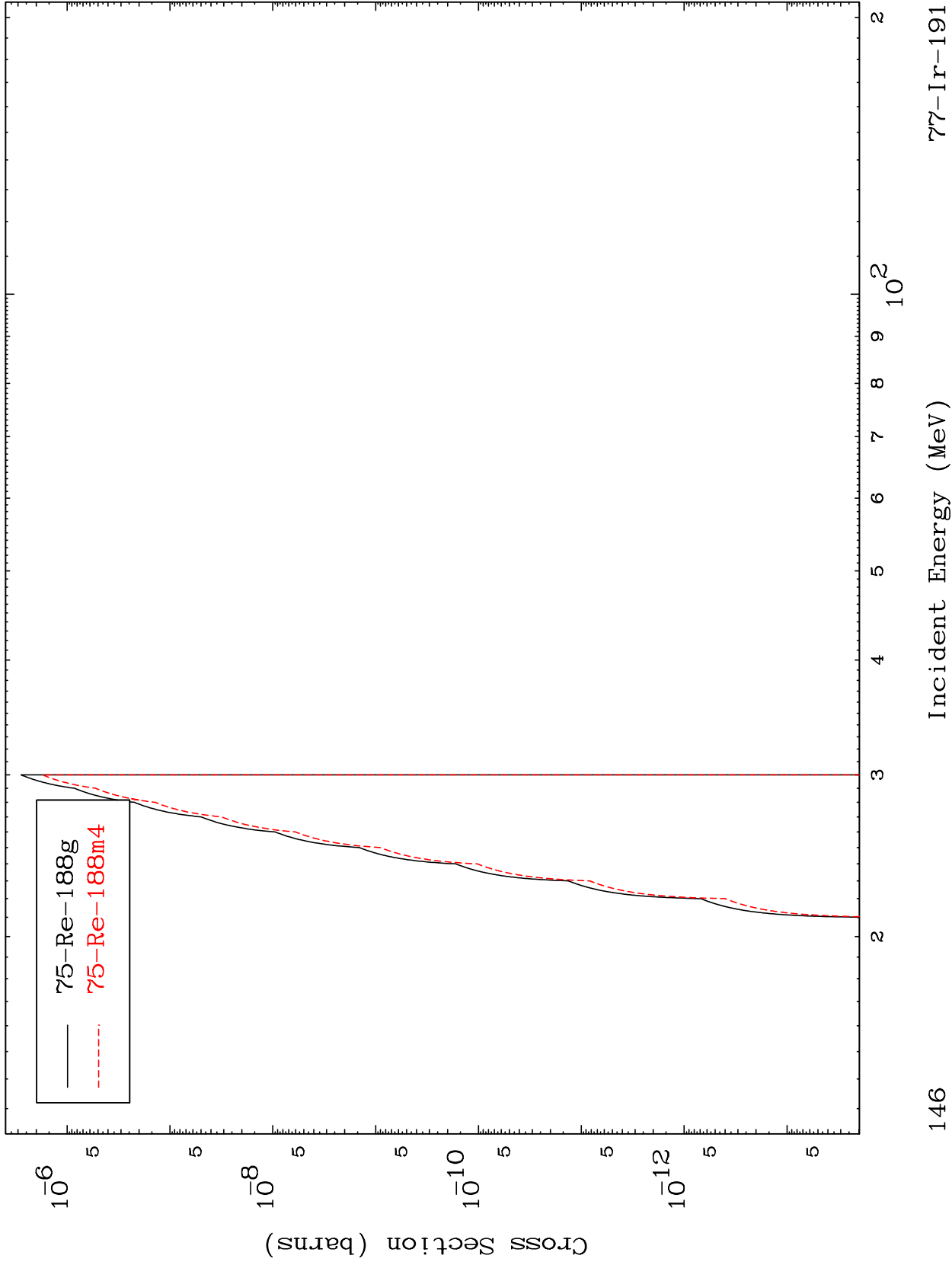
77-Ir-191

MAT 7725

(n,n') He-3

77-Ir-191

Radionuclide Production Cross Section



146

Incident Energy (MeV)

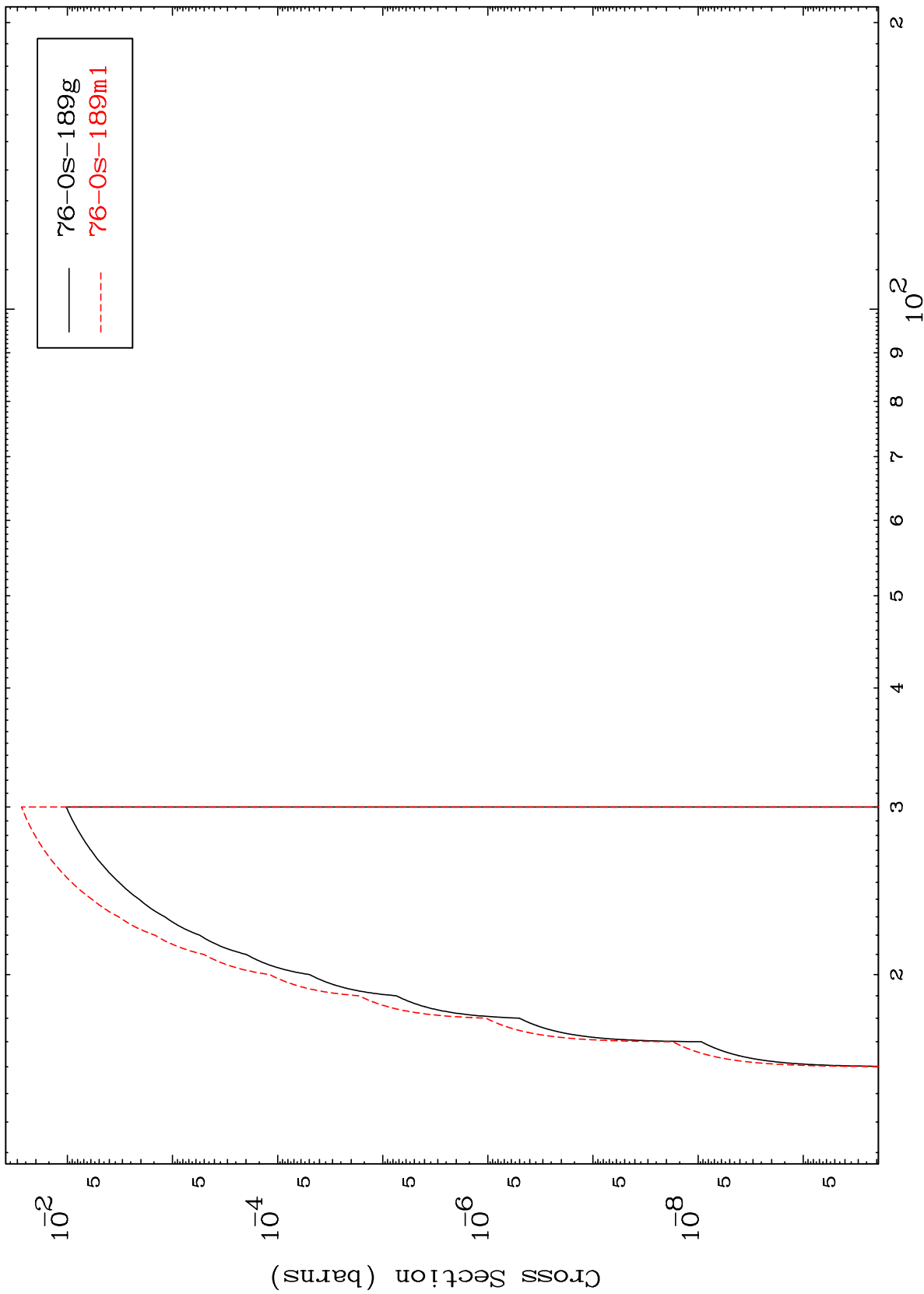
77-Ir-191

MAT 7725

(n,2n) p

77-Ir-191

Radionuclide Production Cross Section



147

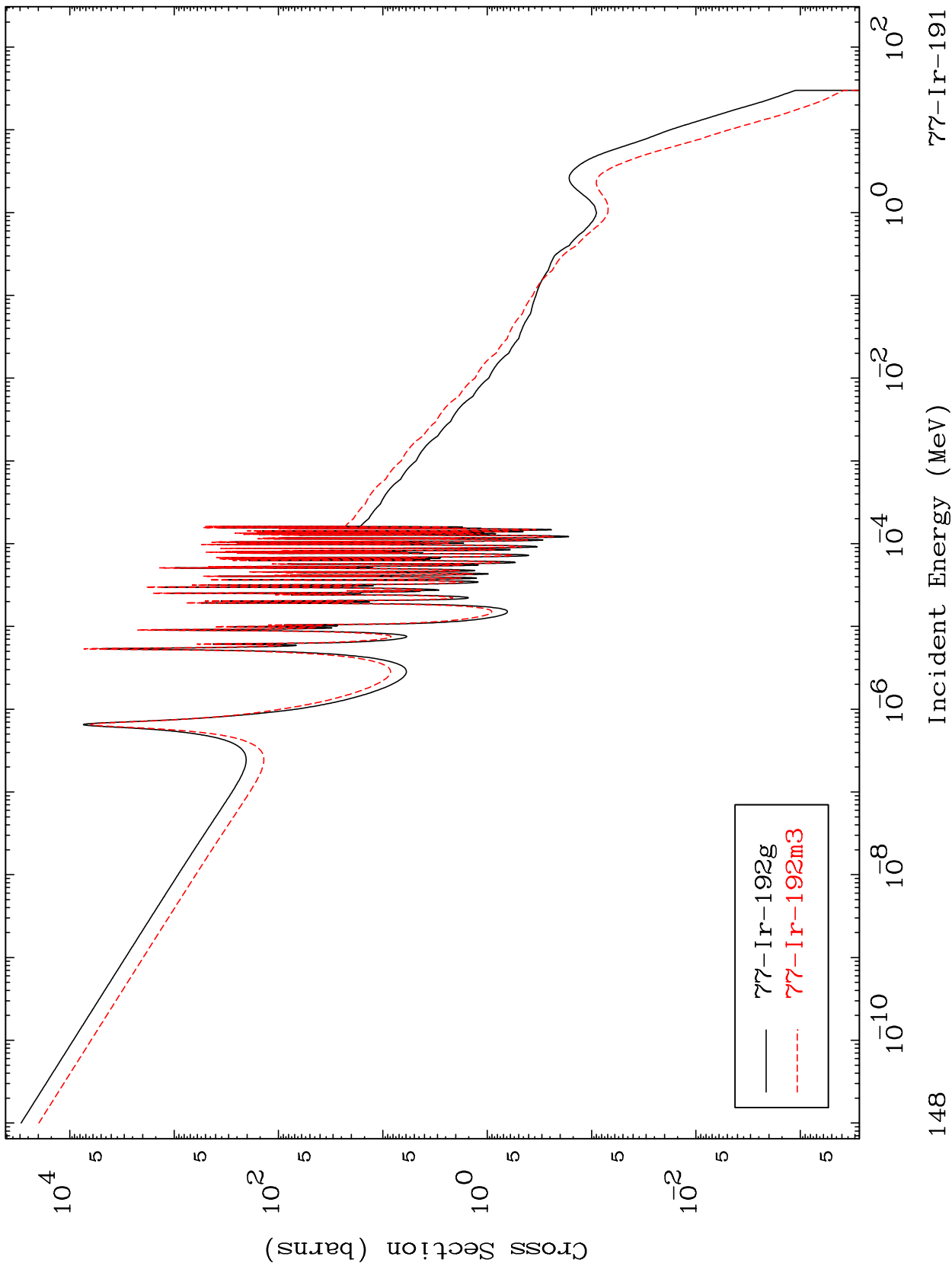
Incident Energy (MeV)

77-Ir-191

MAT 7725

77-Ir-191

(n,γ)
Radionuclide Production Cross Section

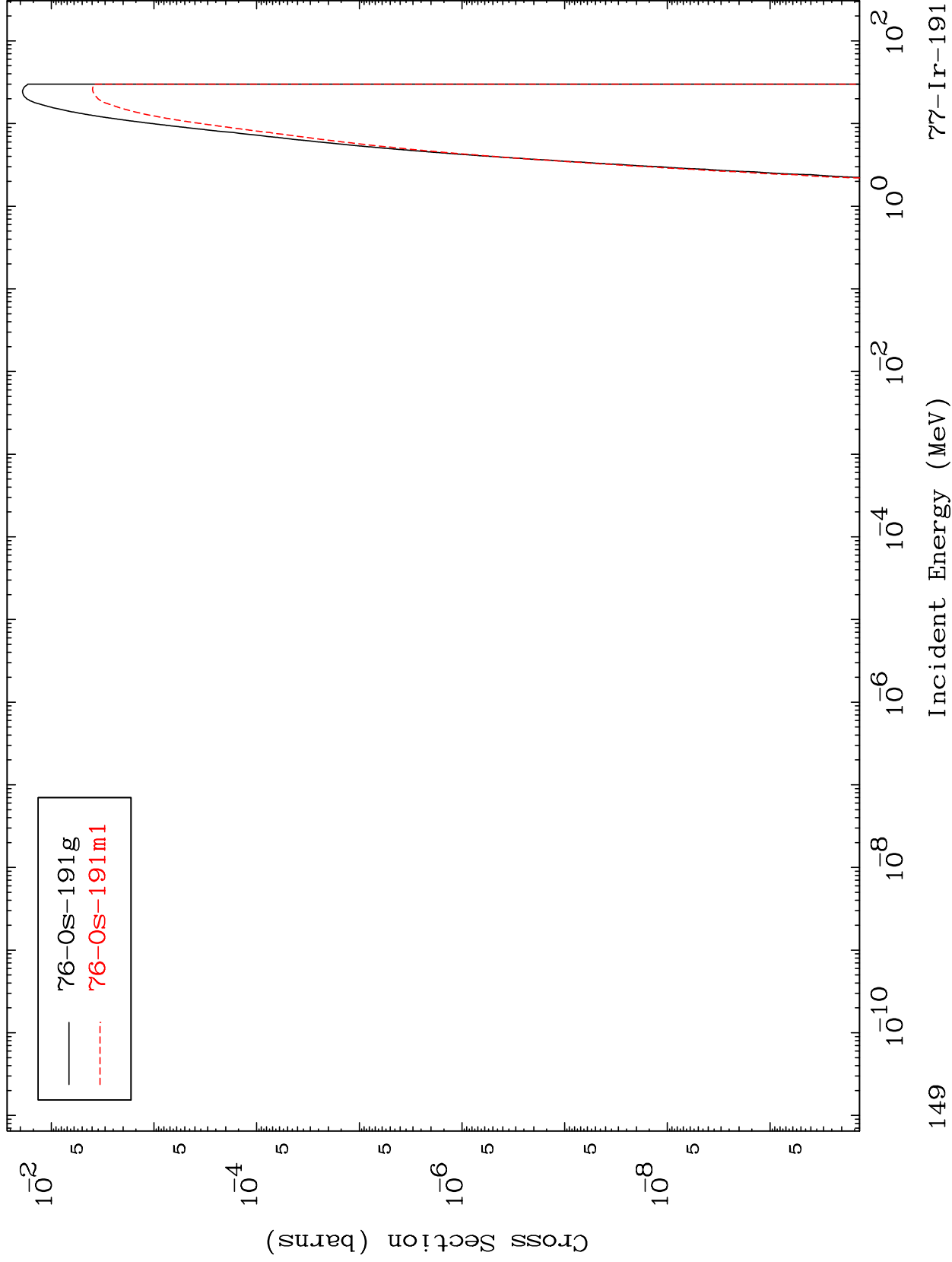


MAT 7725

(n,p)

⁷⁷Ir-191

Radionuclide Production Cross Section

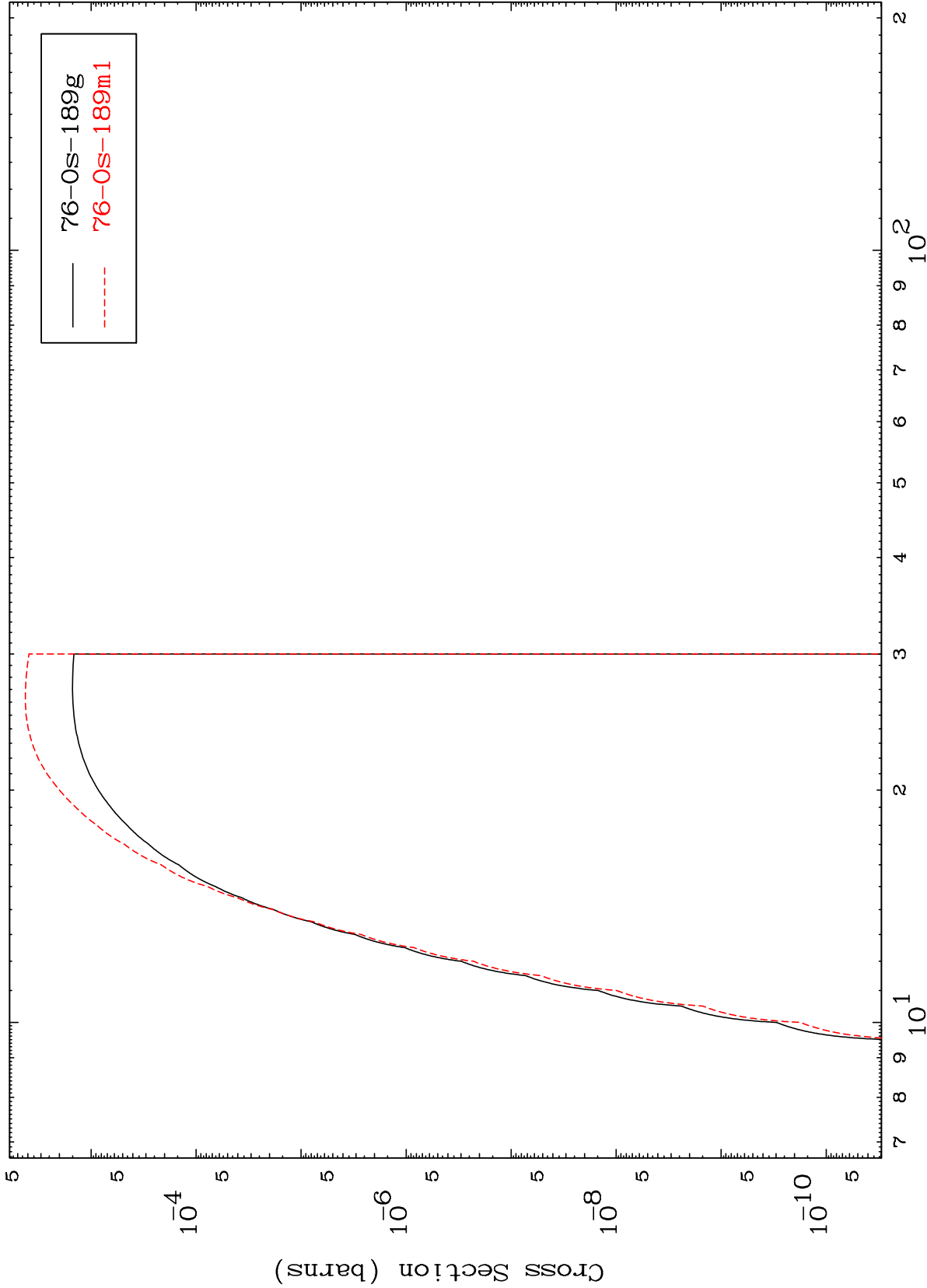


— 76-Os-191g
- - - 76-Os-191m1

MAT 7725

77-Ir-191

(n,t)
Radionuclide Production Cross Section



150

Incident Energy (MeV)

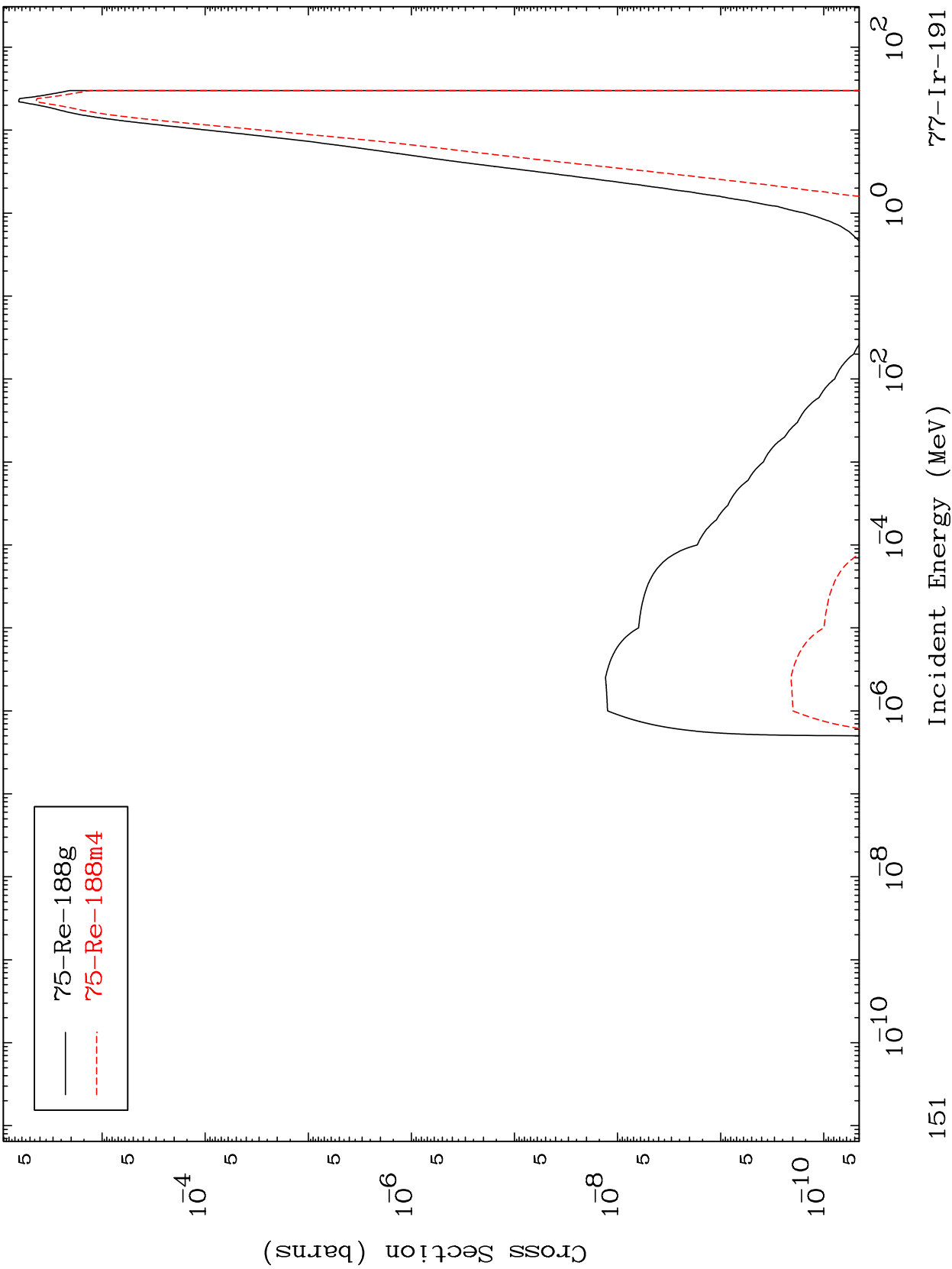
77-Ir-191

MAT 7725

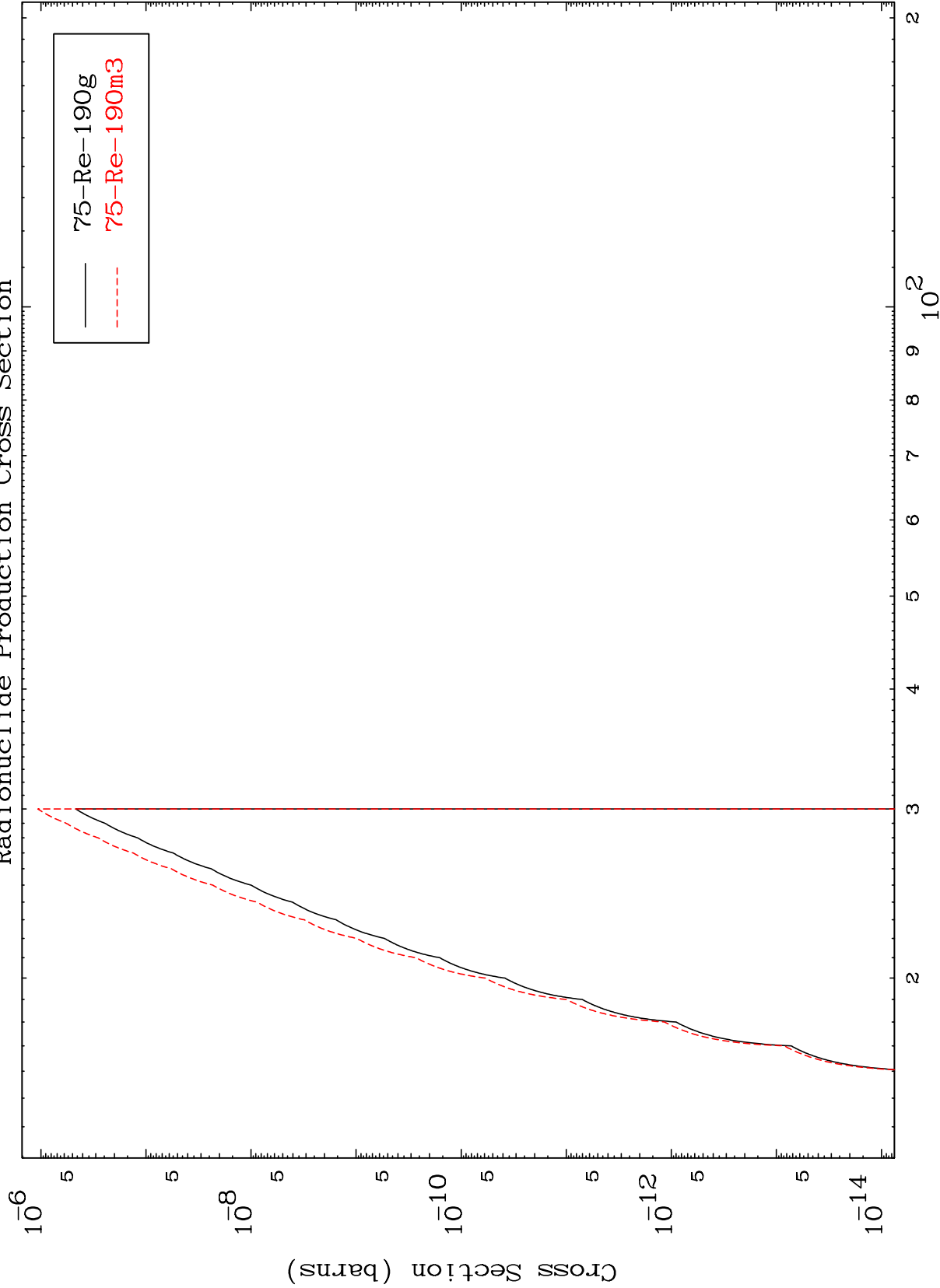
(n, α)

⁷⁷Ir-191

Radionuclide Production Cross Section



(n,2p)
Radionuclide Production Cross Section



Radionuclide Production Cross Section

