

Program EVALPLOT
(Version 2017-1)

by

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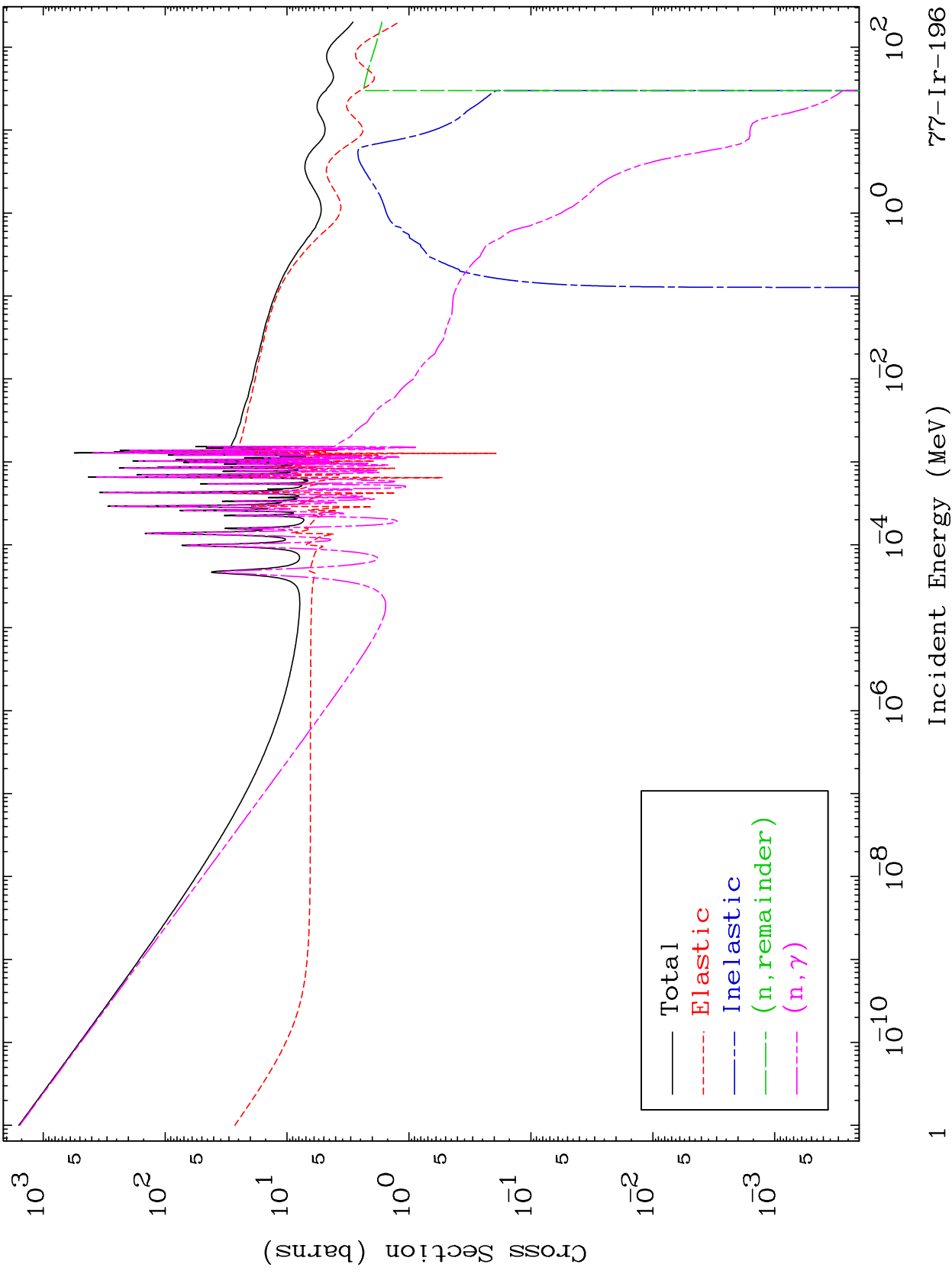
Press Mouse Button to Start

MAT 7740

Major

293 Kelvin Cross Sections

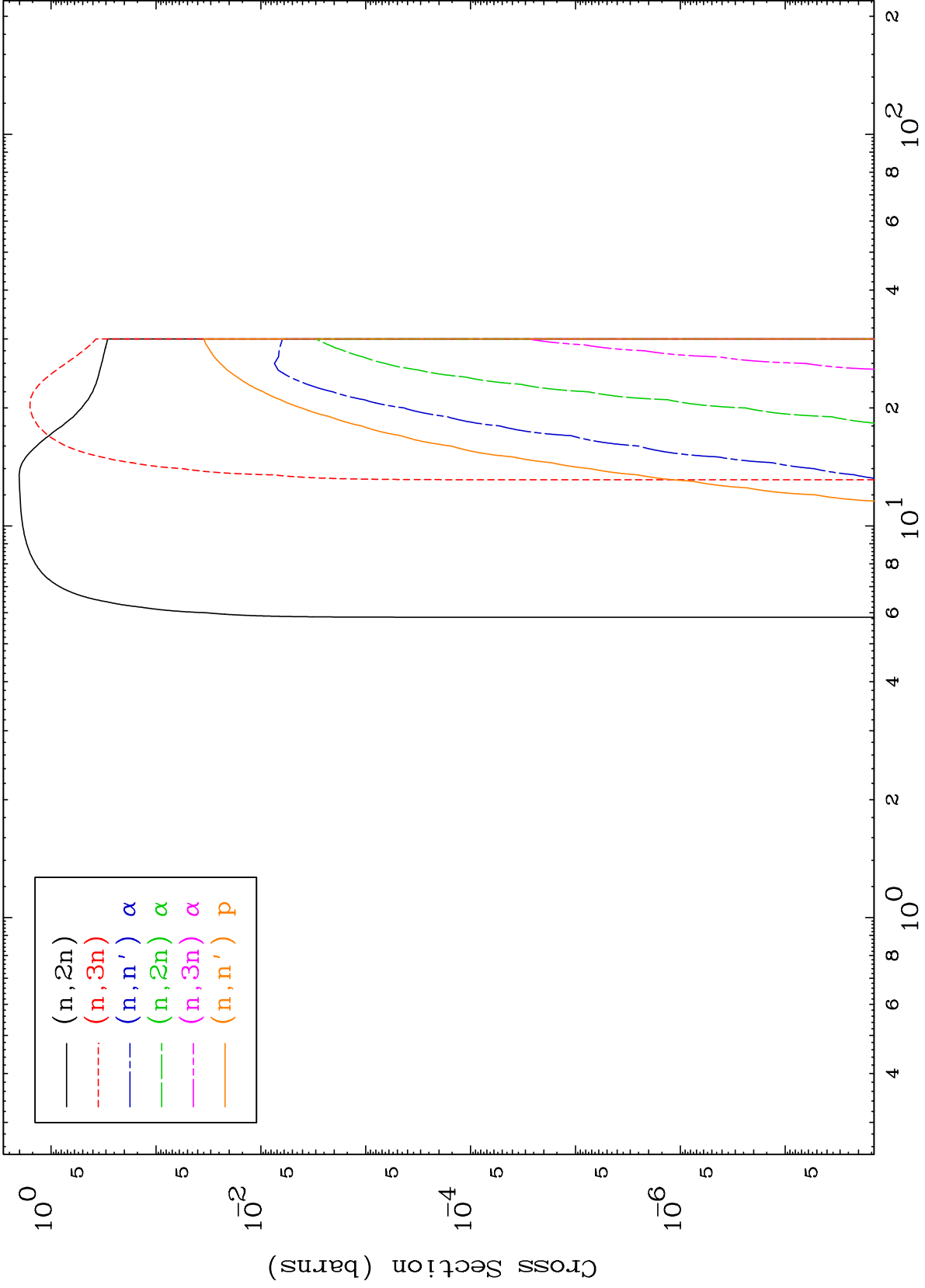
77-Ir-196

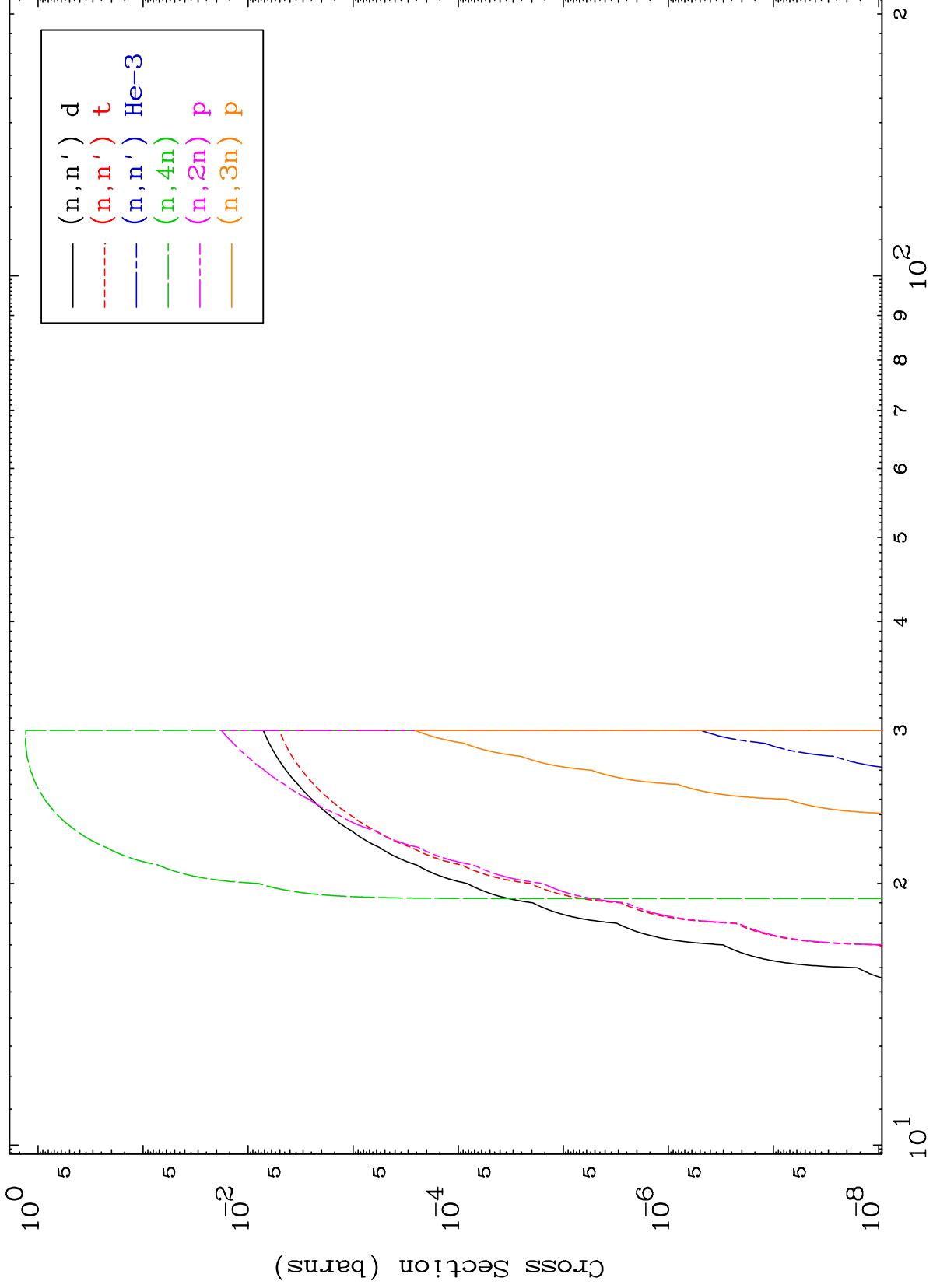


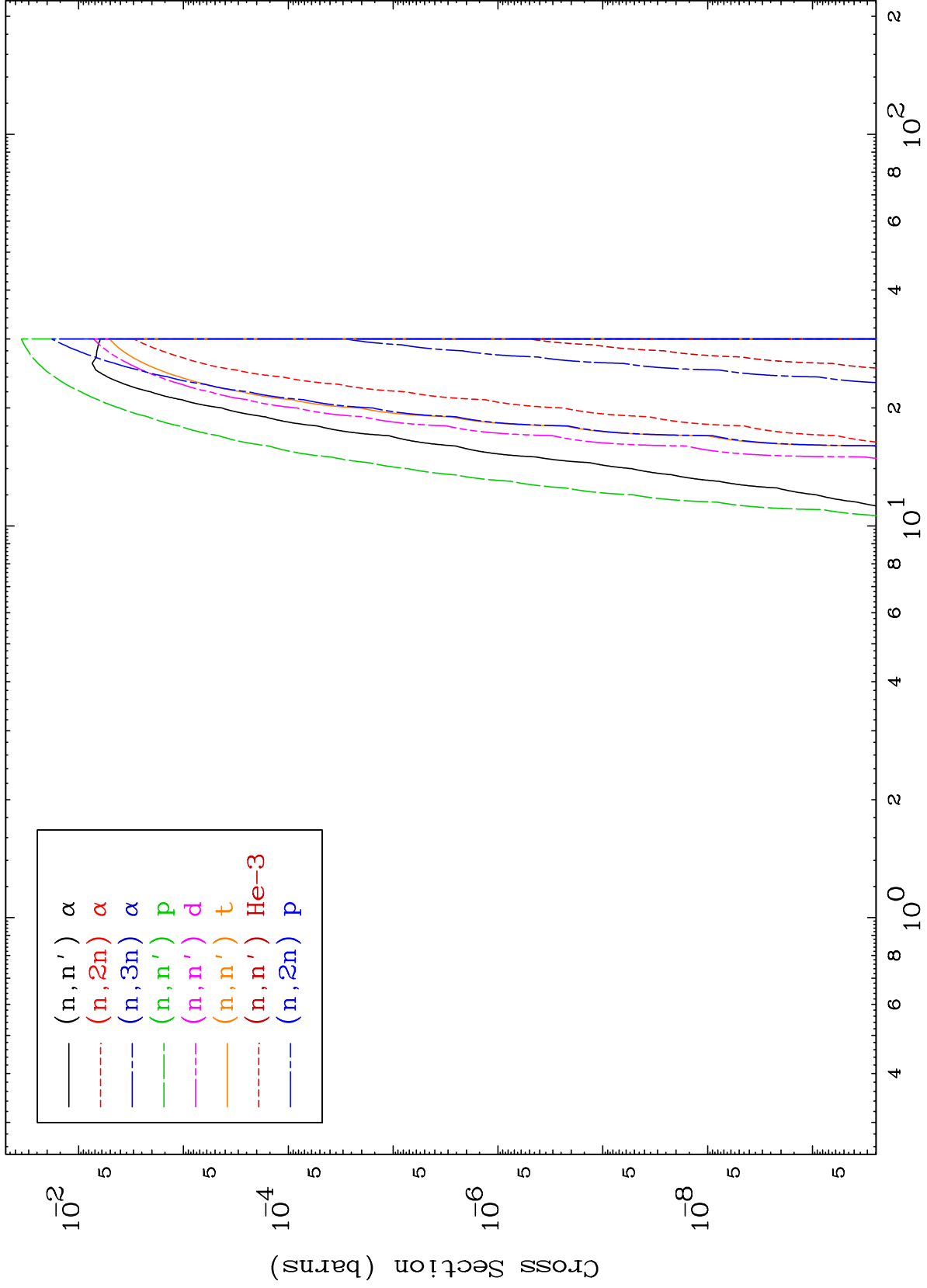
MAT 7740

Neutron Production
293 Kelvin Cross Sections

77-Ir-196



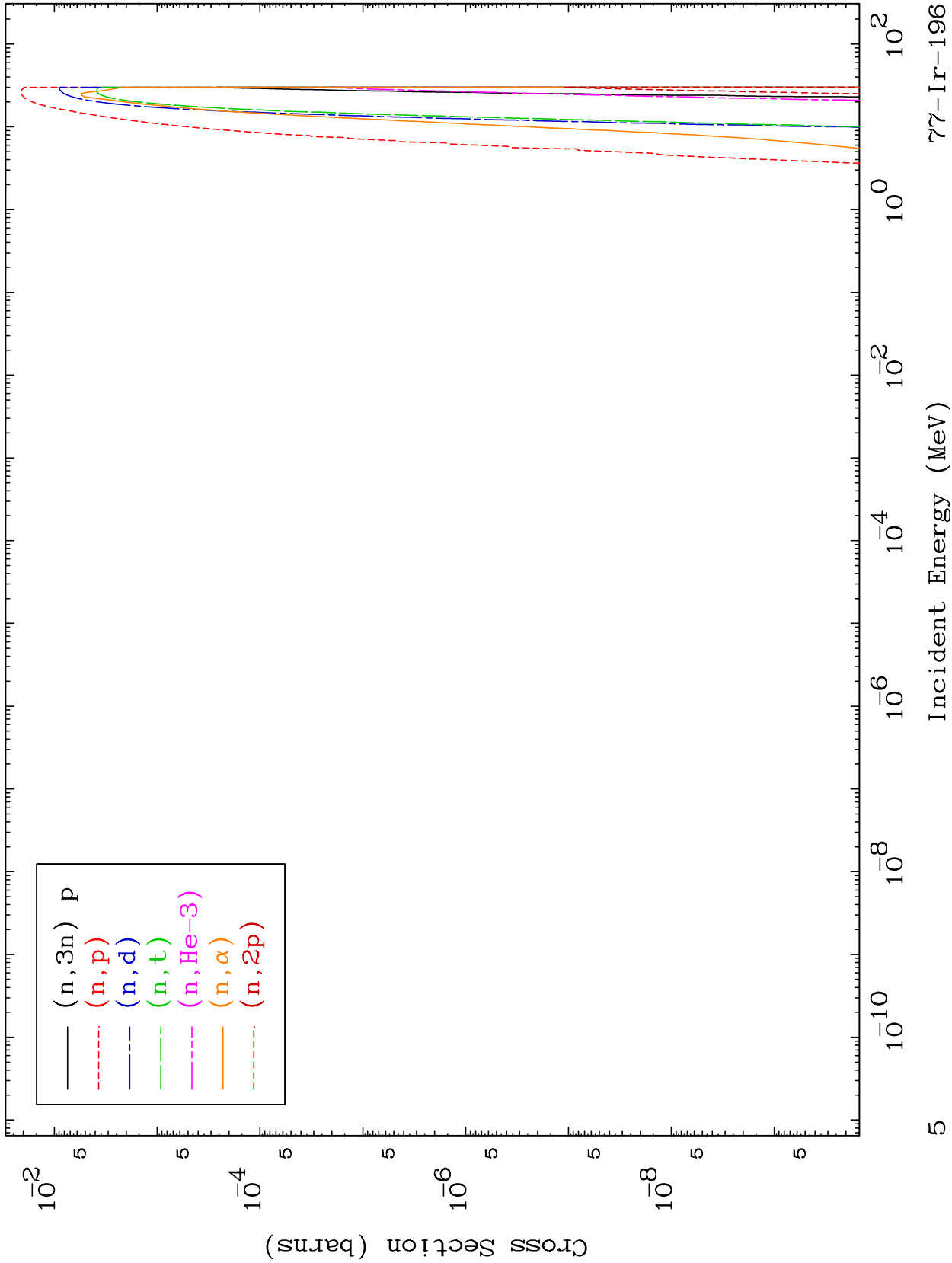




MAT 7740

Charged Particle
293 Kelvin Cross Sections

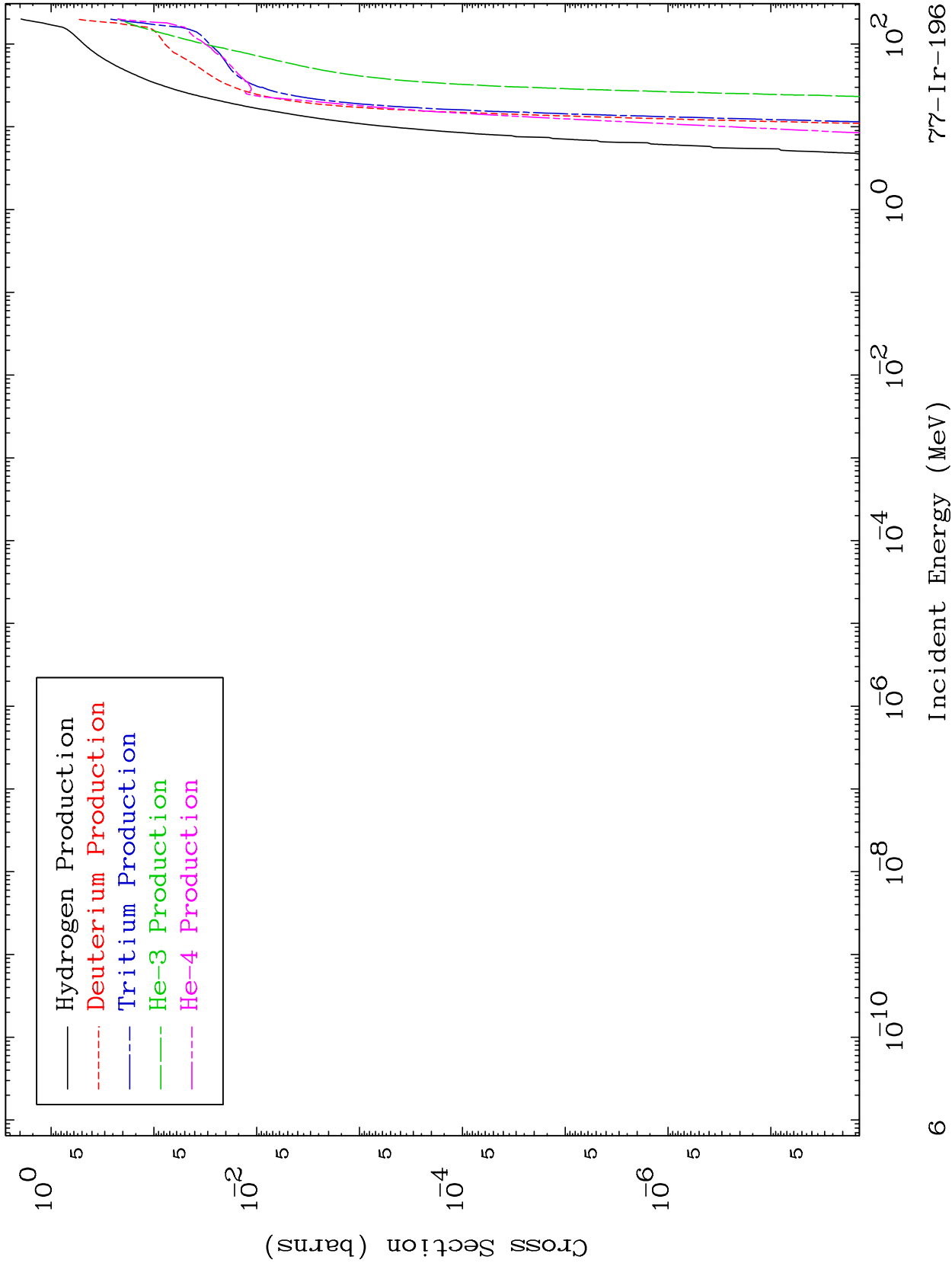
77-Ir-196



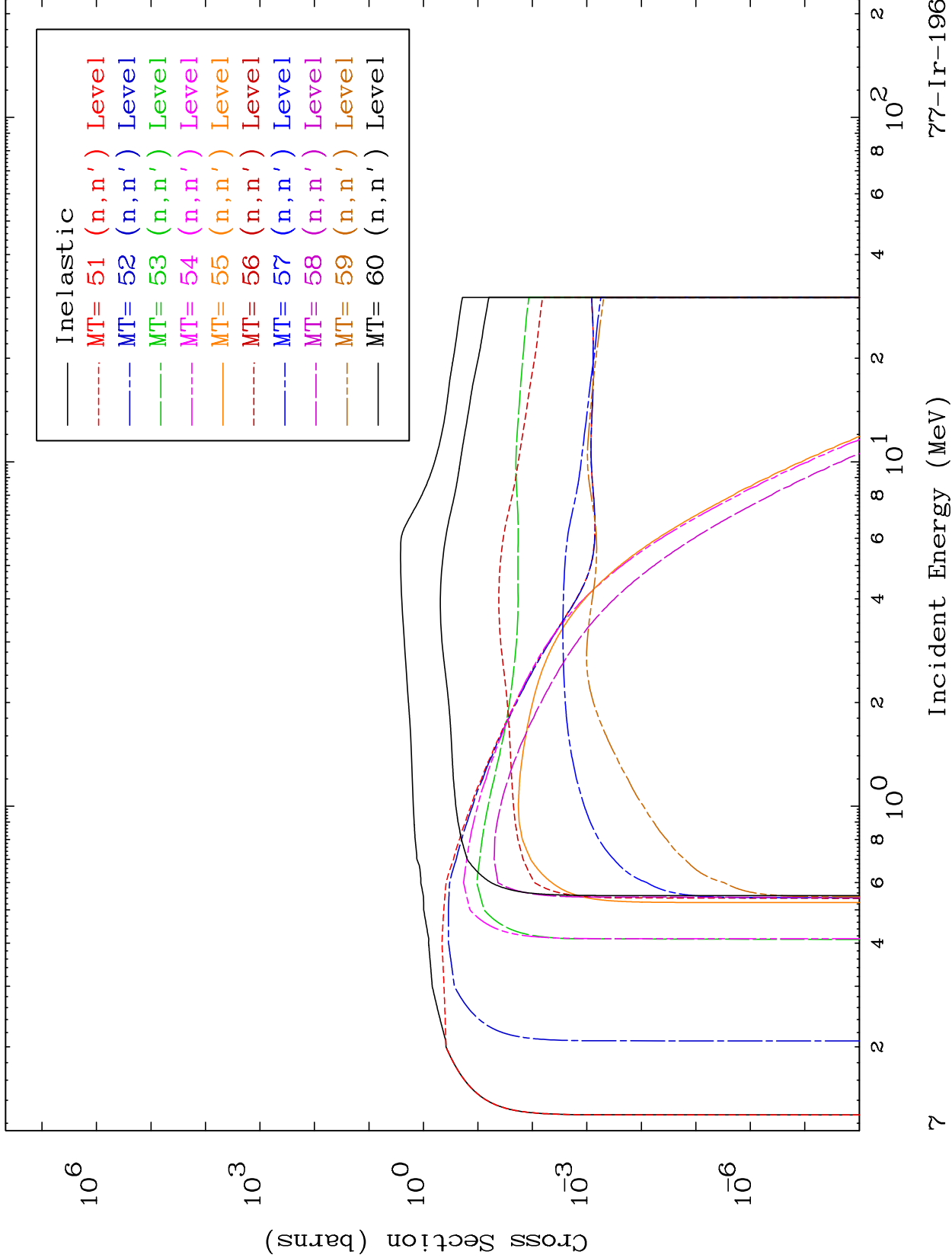
MAT 7740

Particle Production
293 Kelvin Cross Sections

77-Ir-196



293 Kelvin Cross Sections

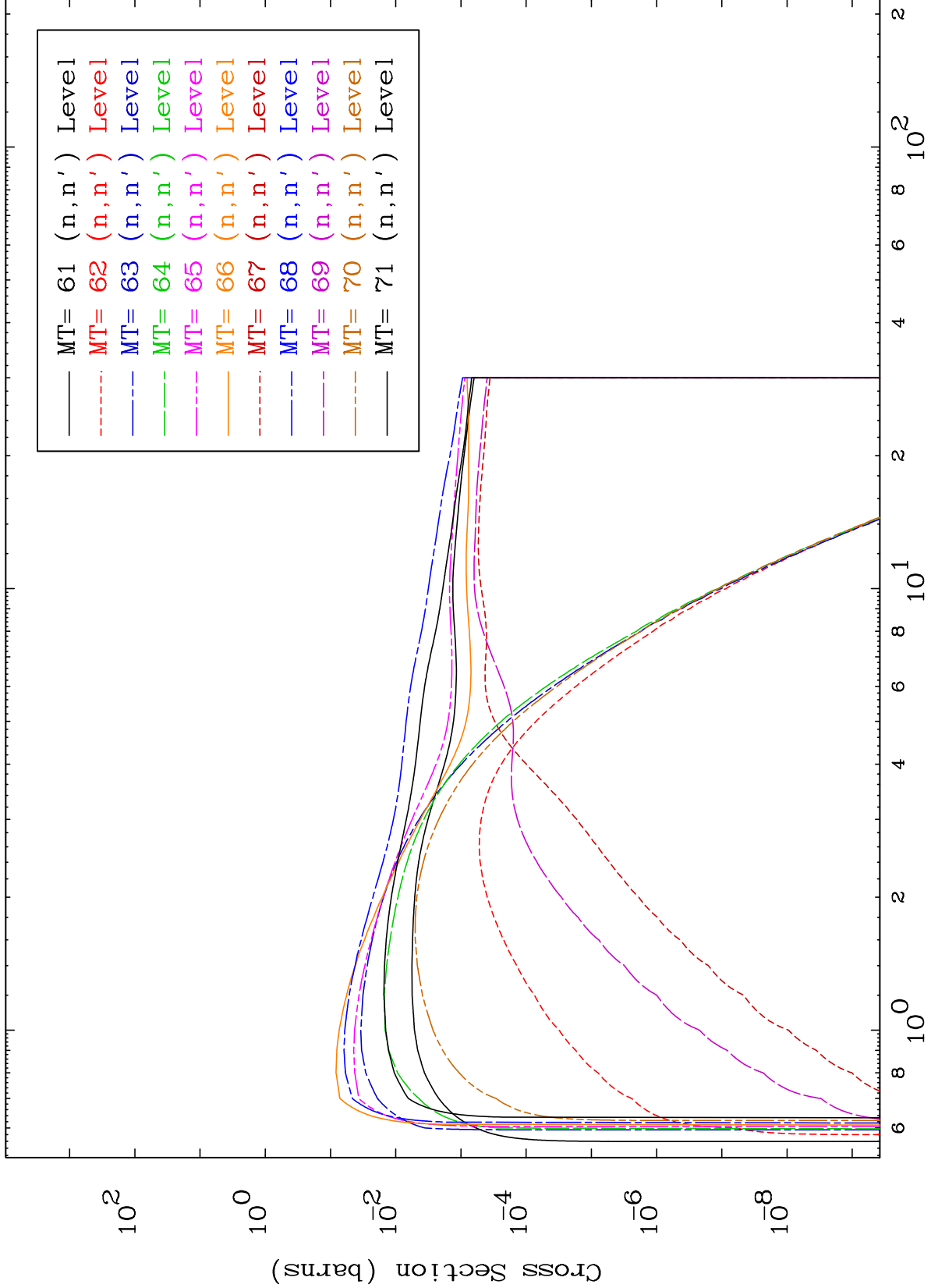


MAT 7740

(n,n') Level

293 Kelvin Cross Sections

77-Ir-196



8

Incident Energy (MeV)

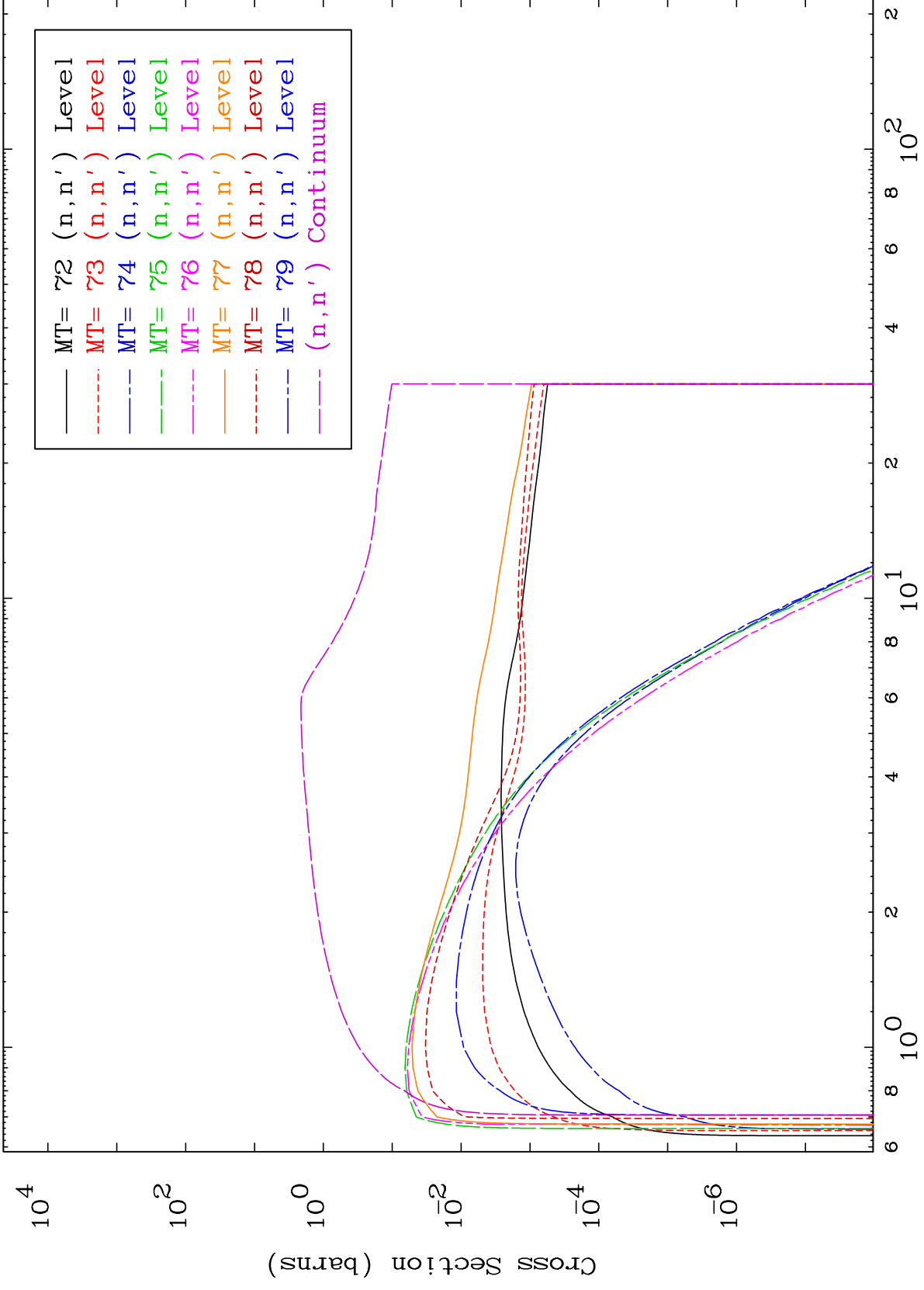
77-Ir-196

MAT 7740

(n,n') Level

293 Kelvin Cross Sections

77-Ir-196



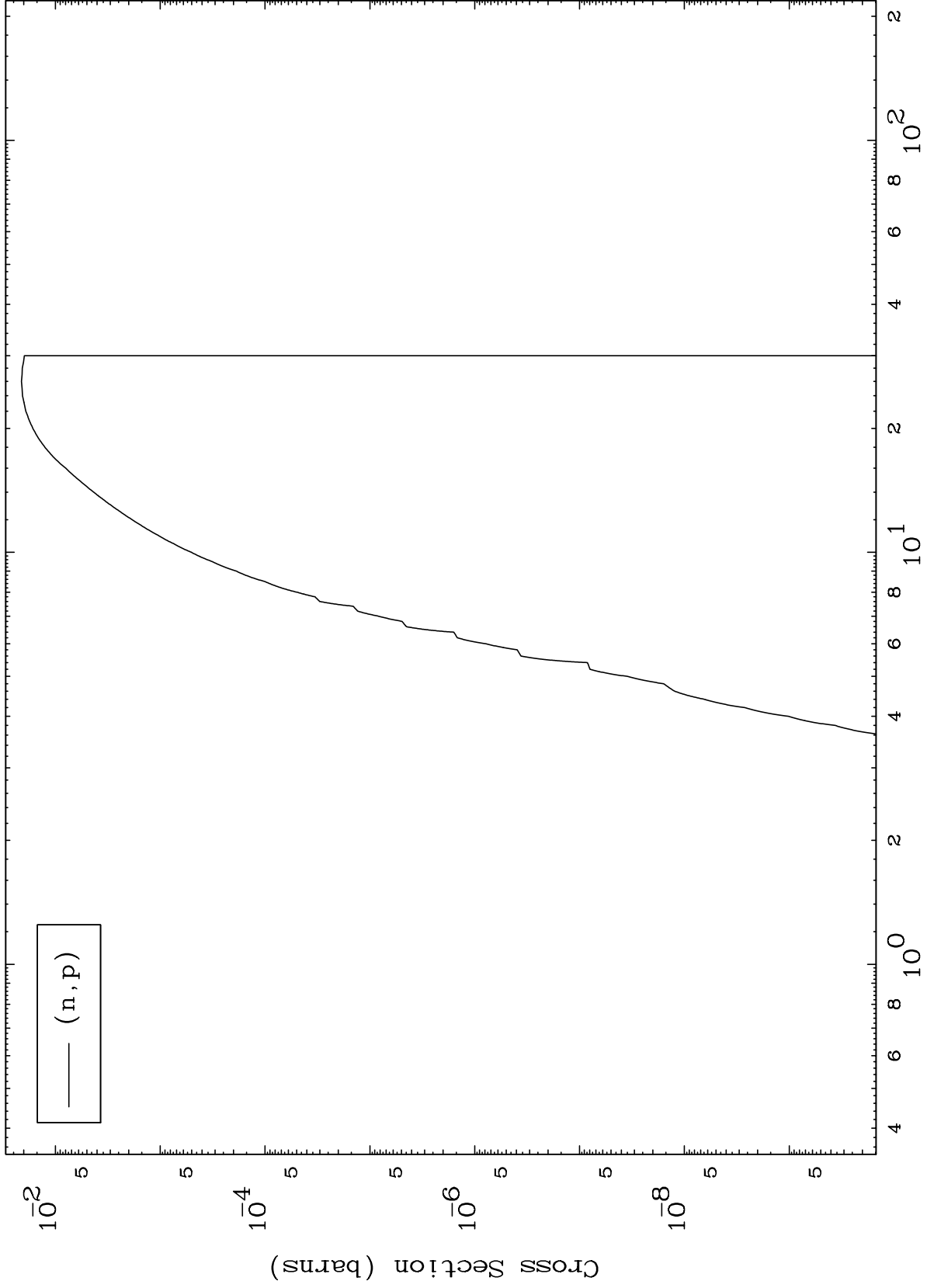
Incident Energy (MeV)

77-Ir-196

MAT 7740

(n,p) Levels
293 Kelvin Cross Sections

77-Ir-196



10

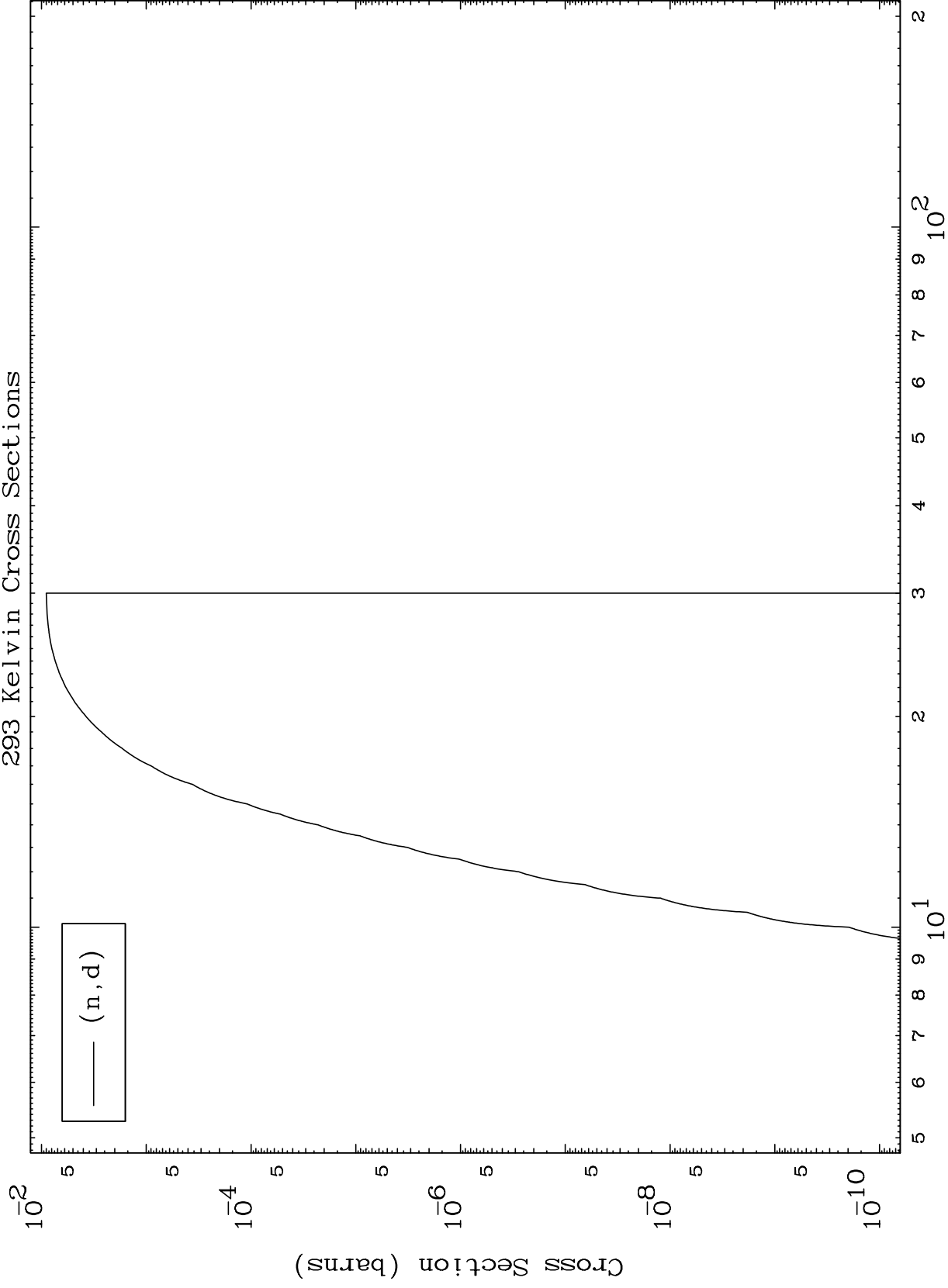
Incident Energy (MeV)

77-Ir-196

MAT 7740

(n,d) Levels
293 Kelvin Cross Sections

77-Ir-196



11

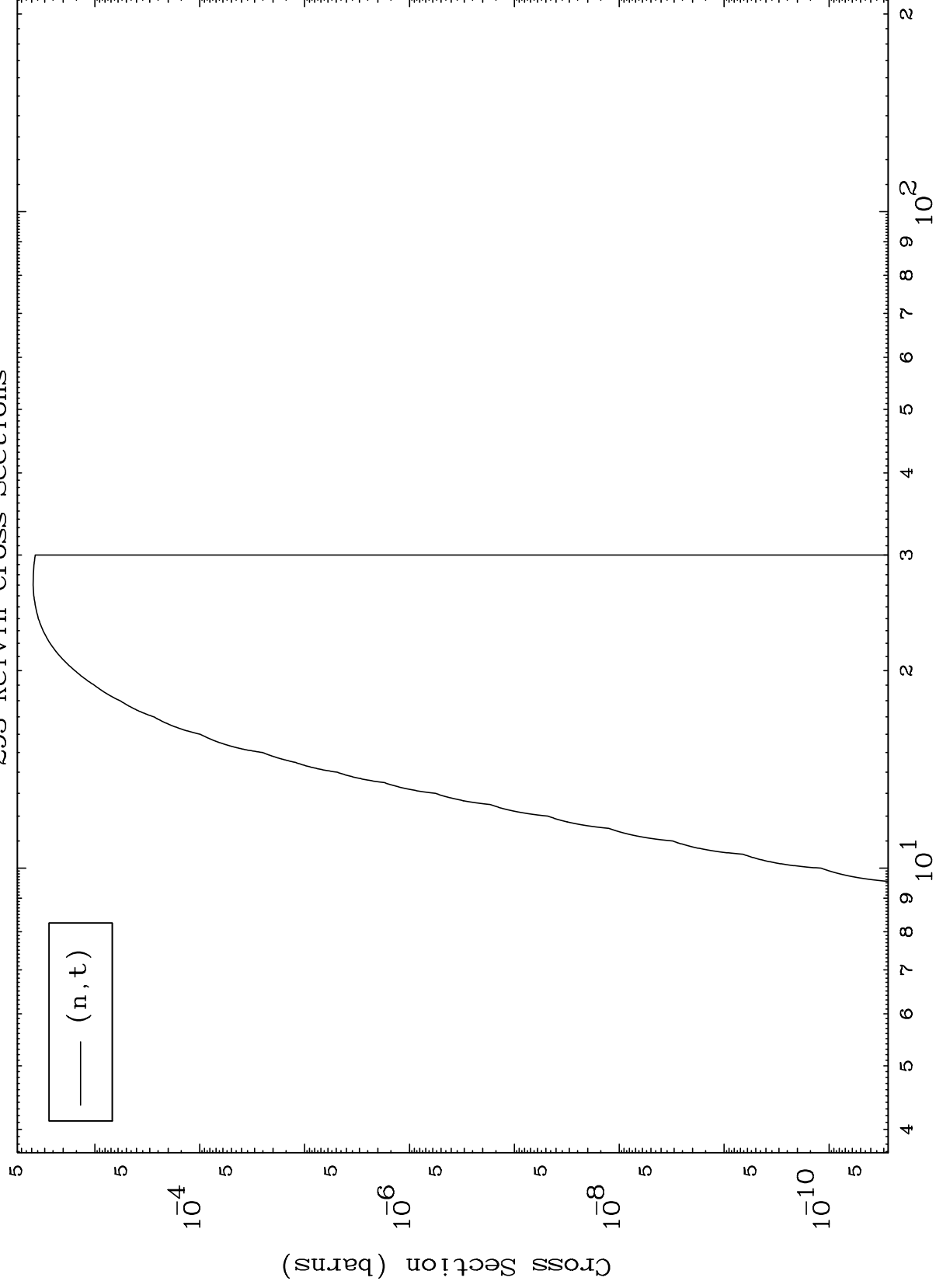
Incident Energy (MeV)

77-Ir-196

MAT 7740

(n,t) Levels
293 Kelvin Cross Sections

77-Ir-196



Incident Energy (MeV)

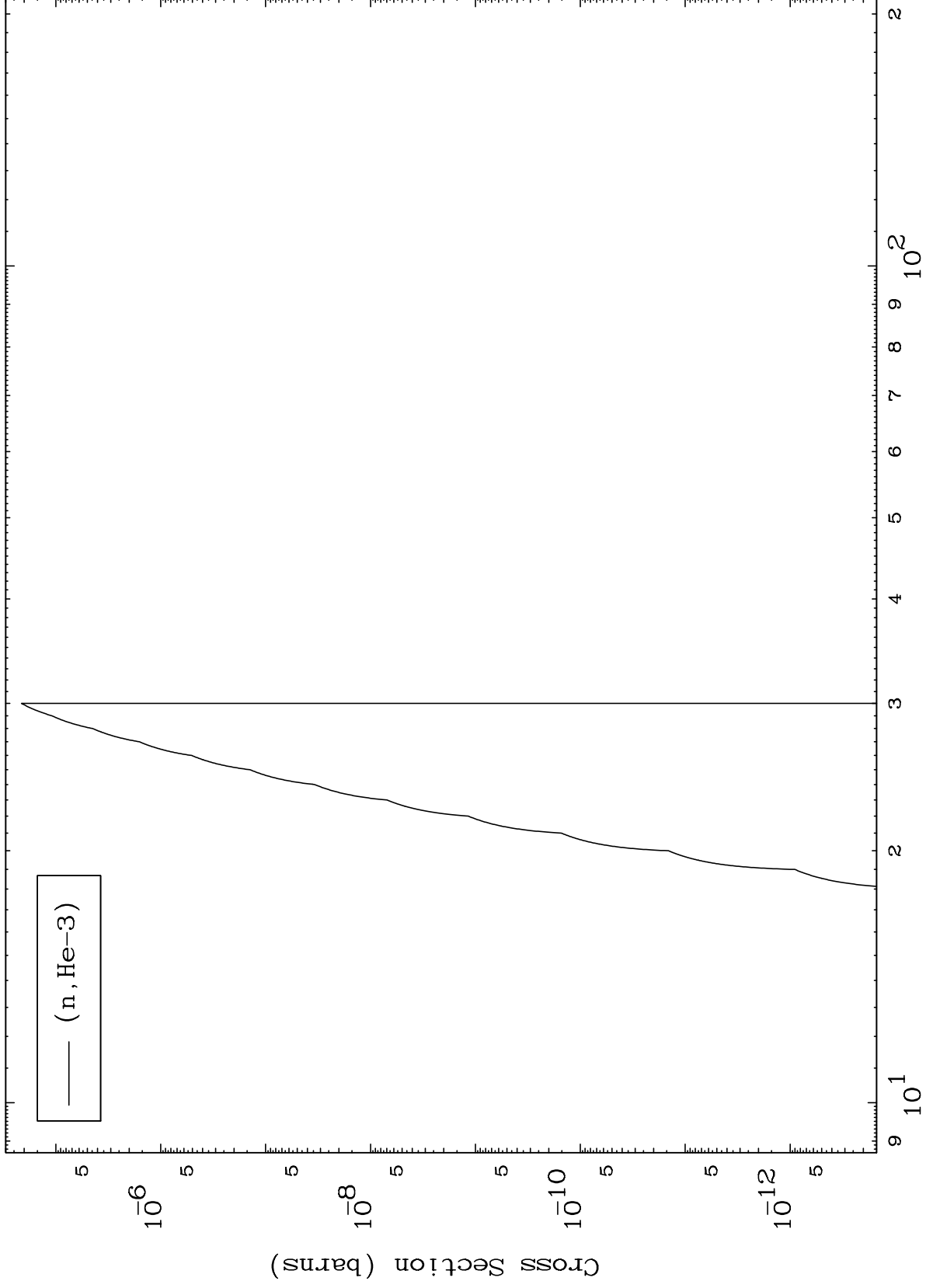
77-Ir-196

12

MAT 7740

(n,He3) Levels
293 Kelvin Cross Sections

77-Ir-196



13

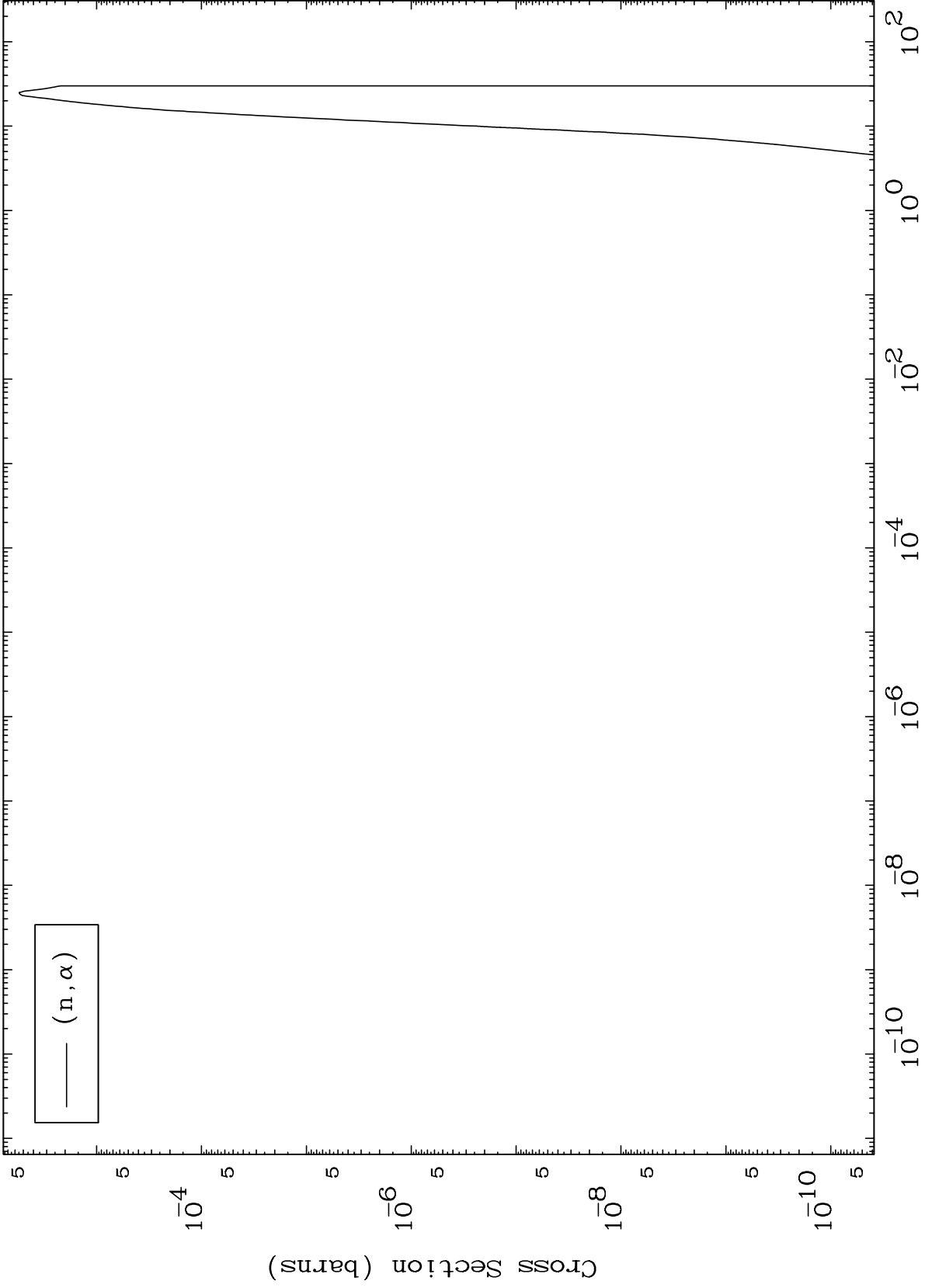
Incident Energy (MeV)

77-Ir-196

MAT 7740

(n, α) Levels
293 Kelvin Cross Sections

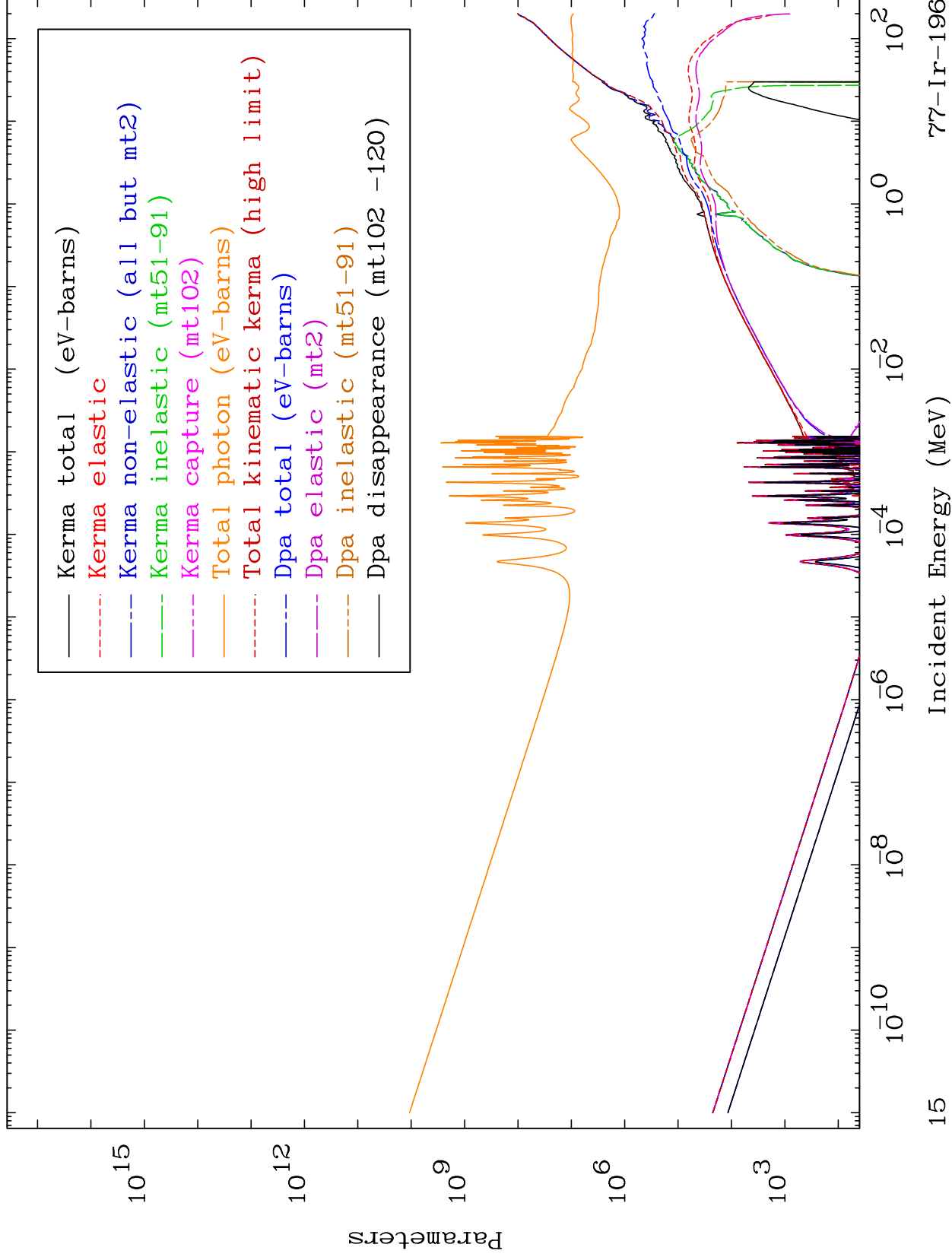
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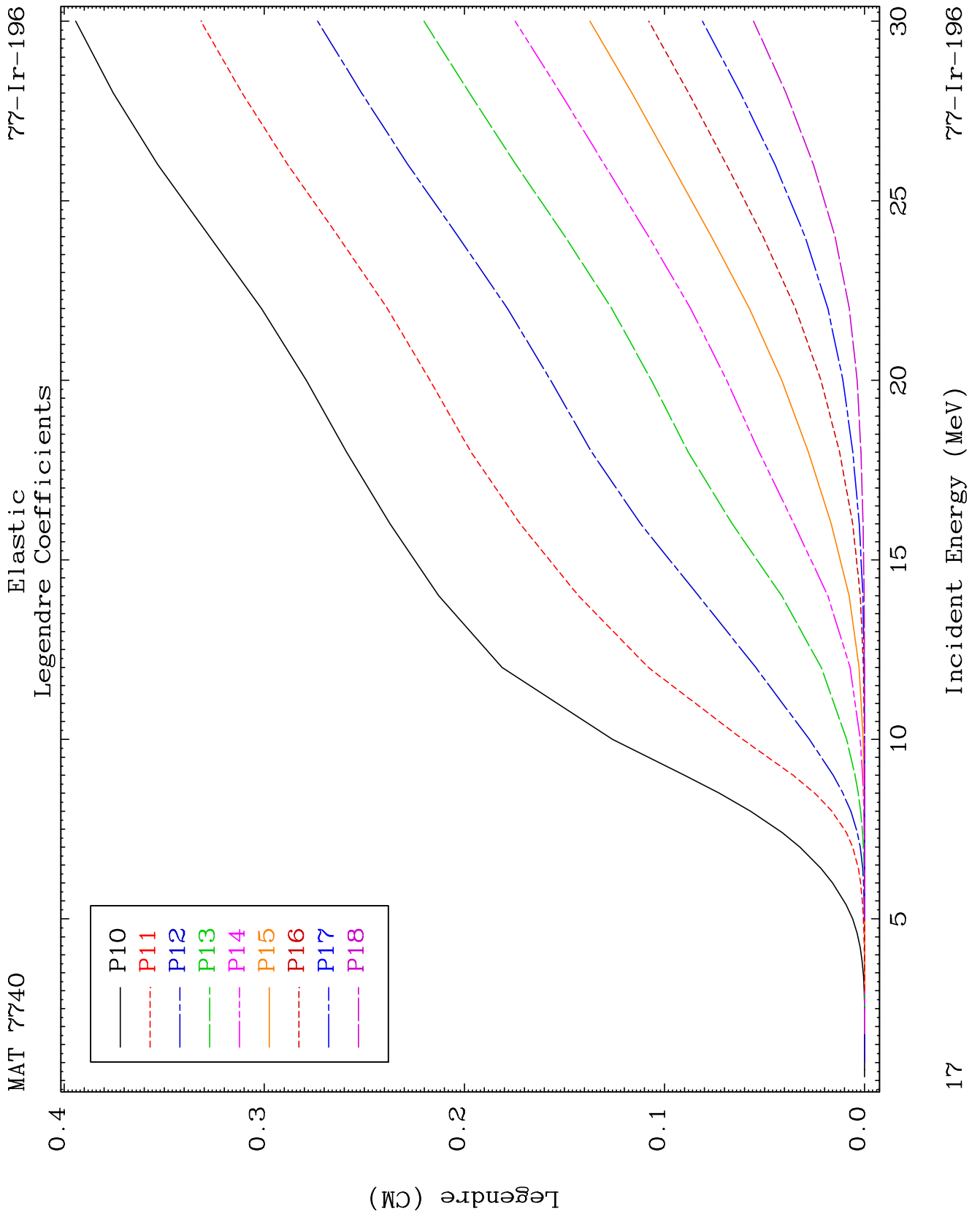


14

Incident Energy (MeV)

77-Ir-196

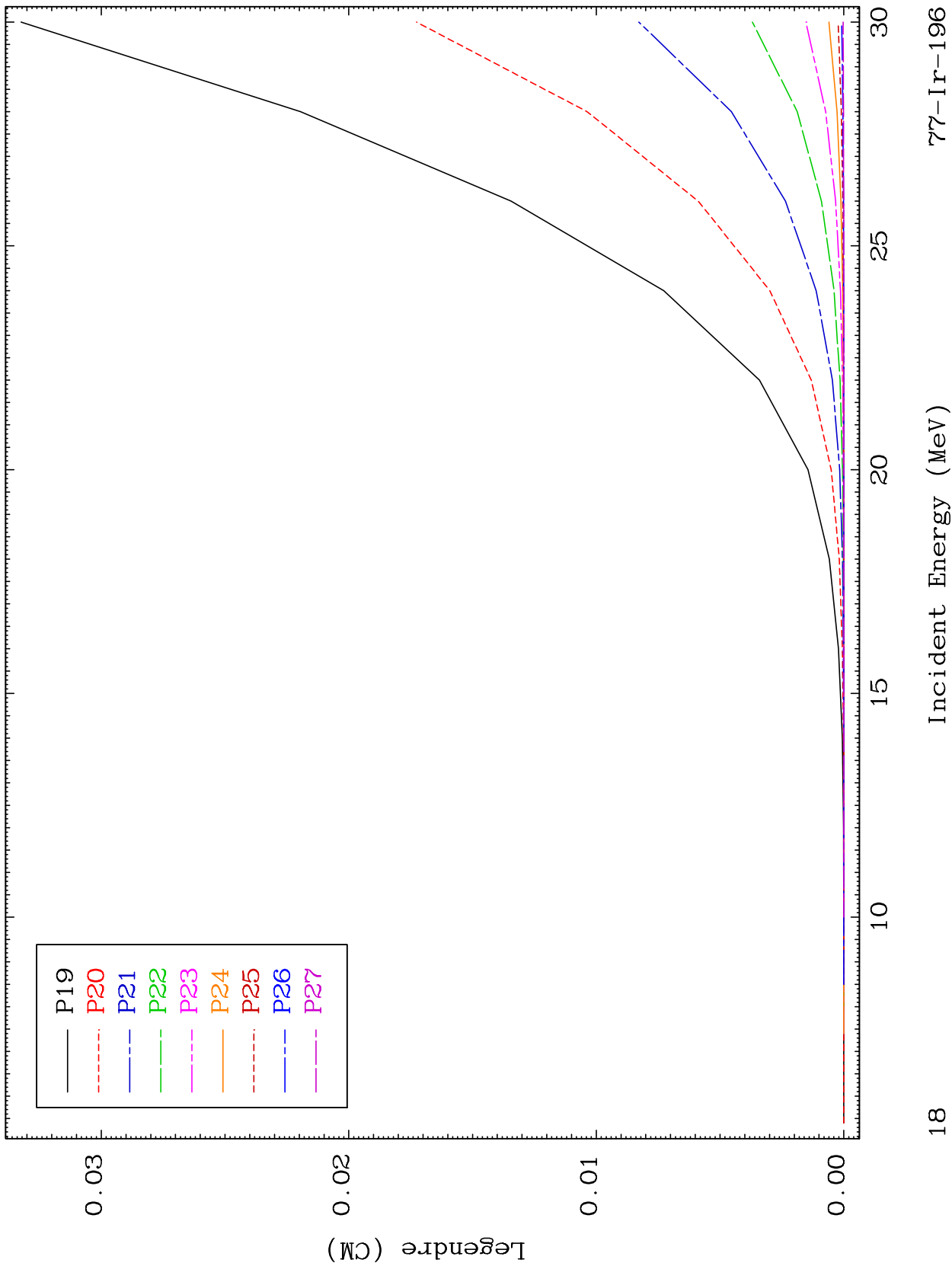




MAT 7740

Elastic Legendre Coefficients

77-Ir-196



18

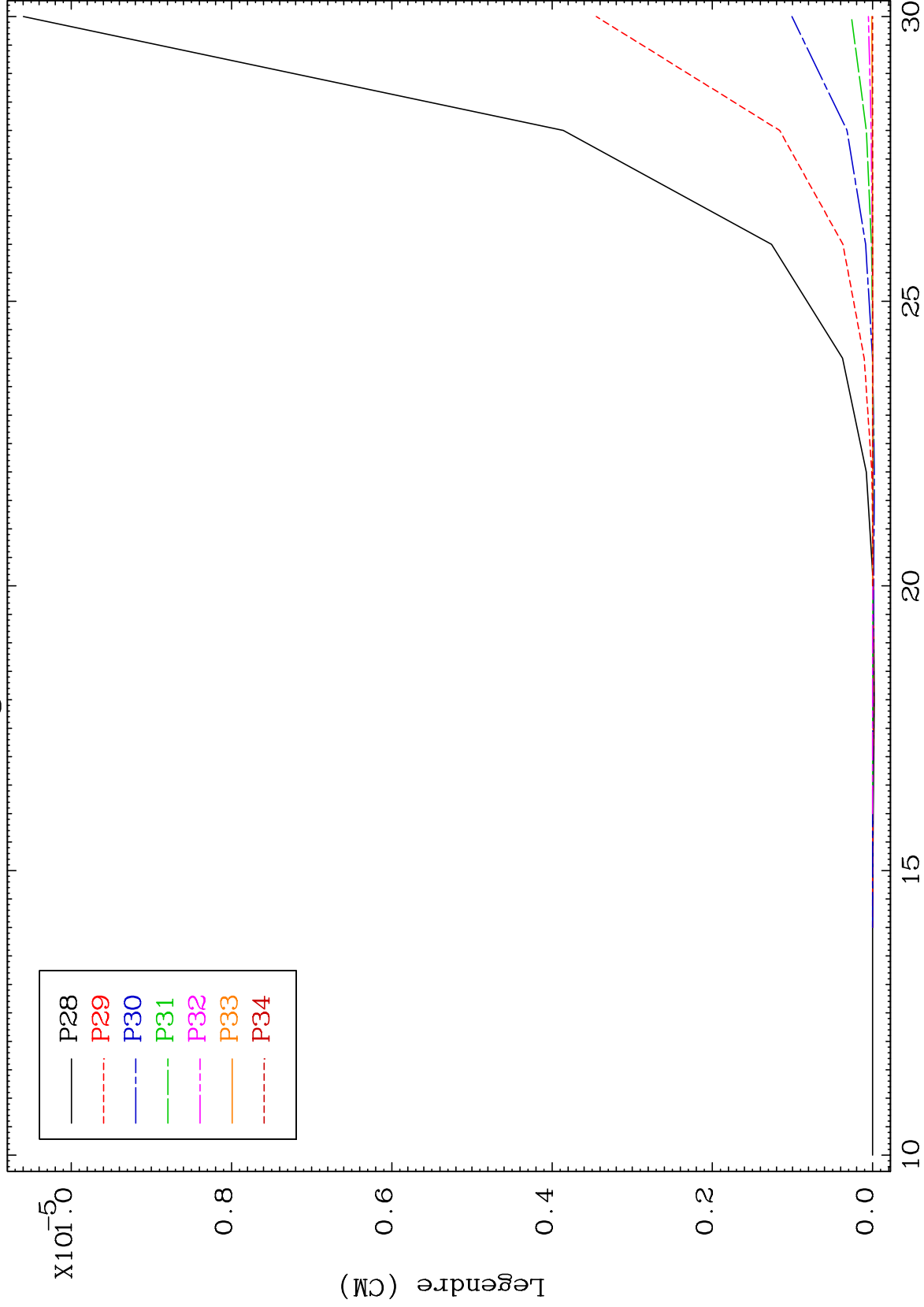
Incident Energy (MeV)

77-Ir-196

MAT 7740

Elastic
Legendre Coefficients

77-Ir-196



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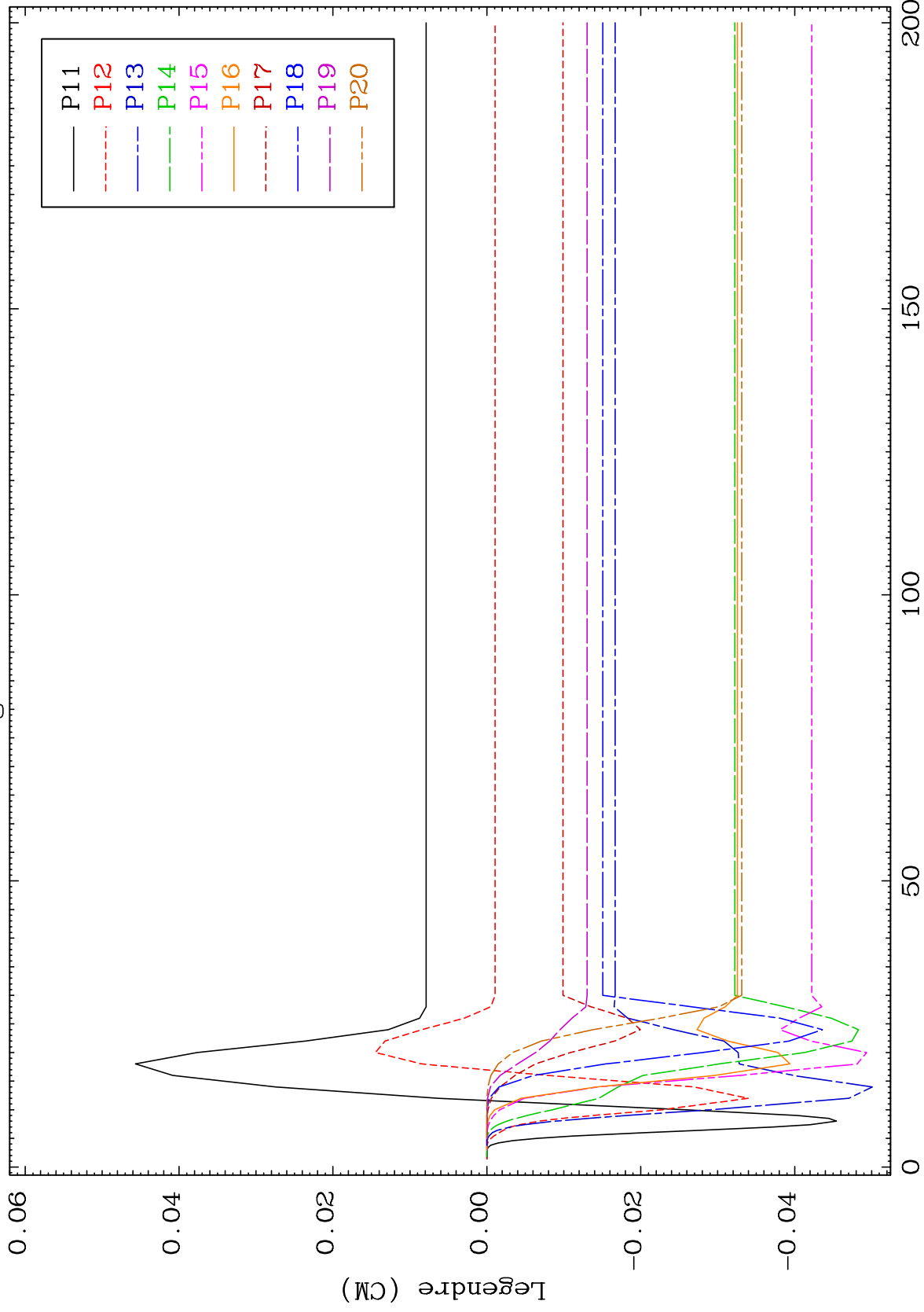
Incident Energy (MeV)

77-Ir-196

MAT 7740

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

77-Ir-196



21

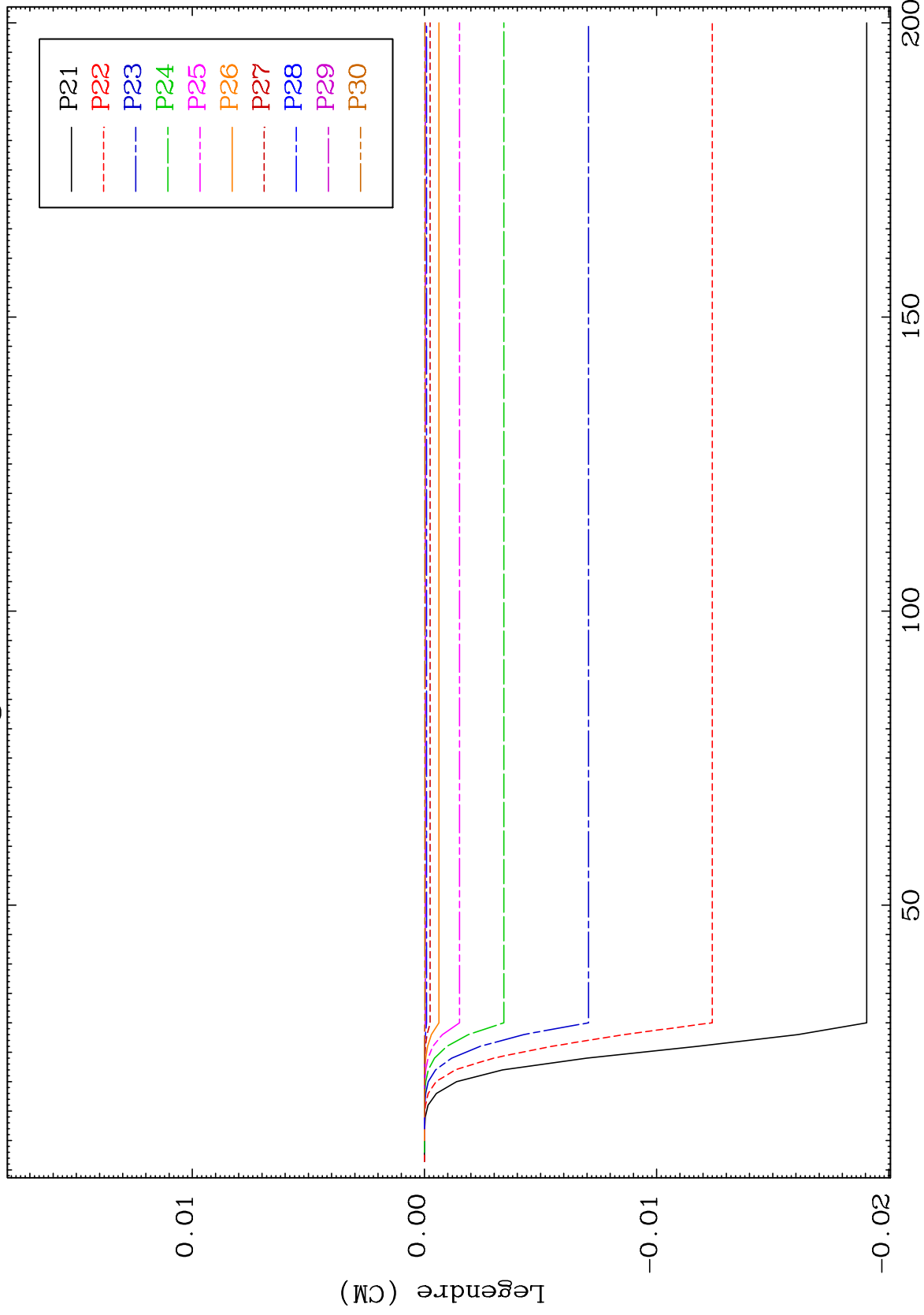
Incident Energy (MeV)

77-Ir-196

MAT 7740

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

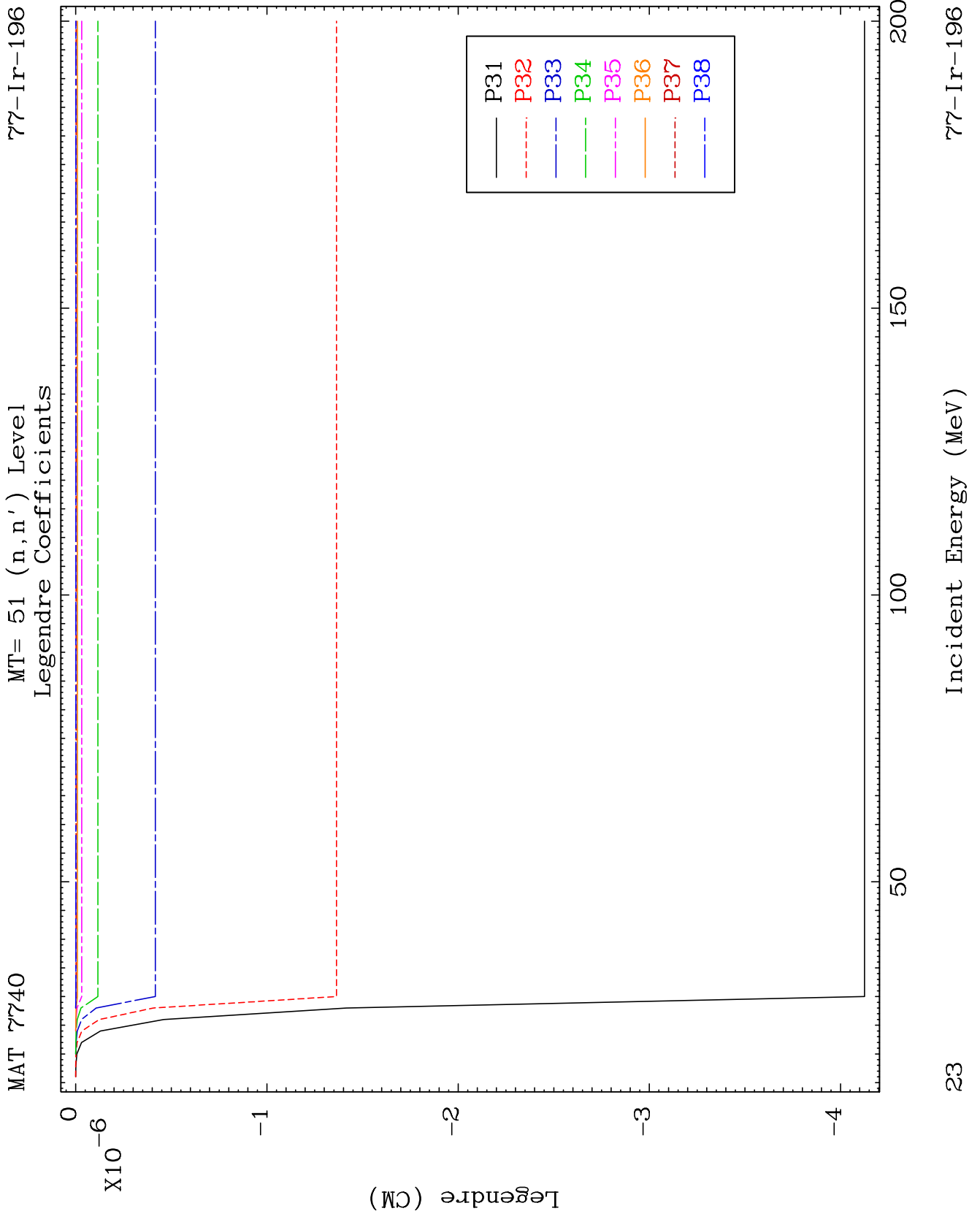
77-Ir-196



22

Incident Energy (MeV)

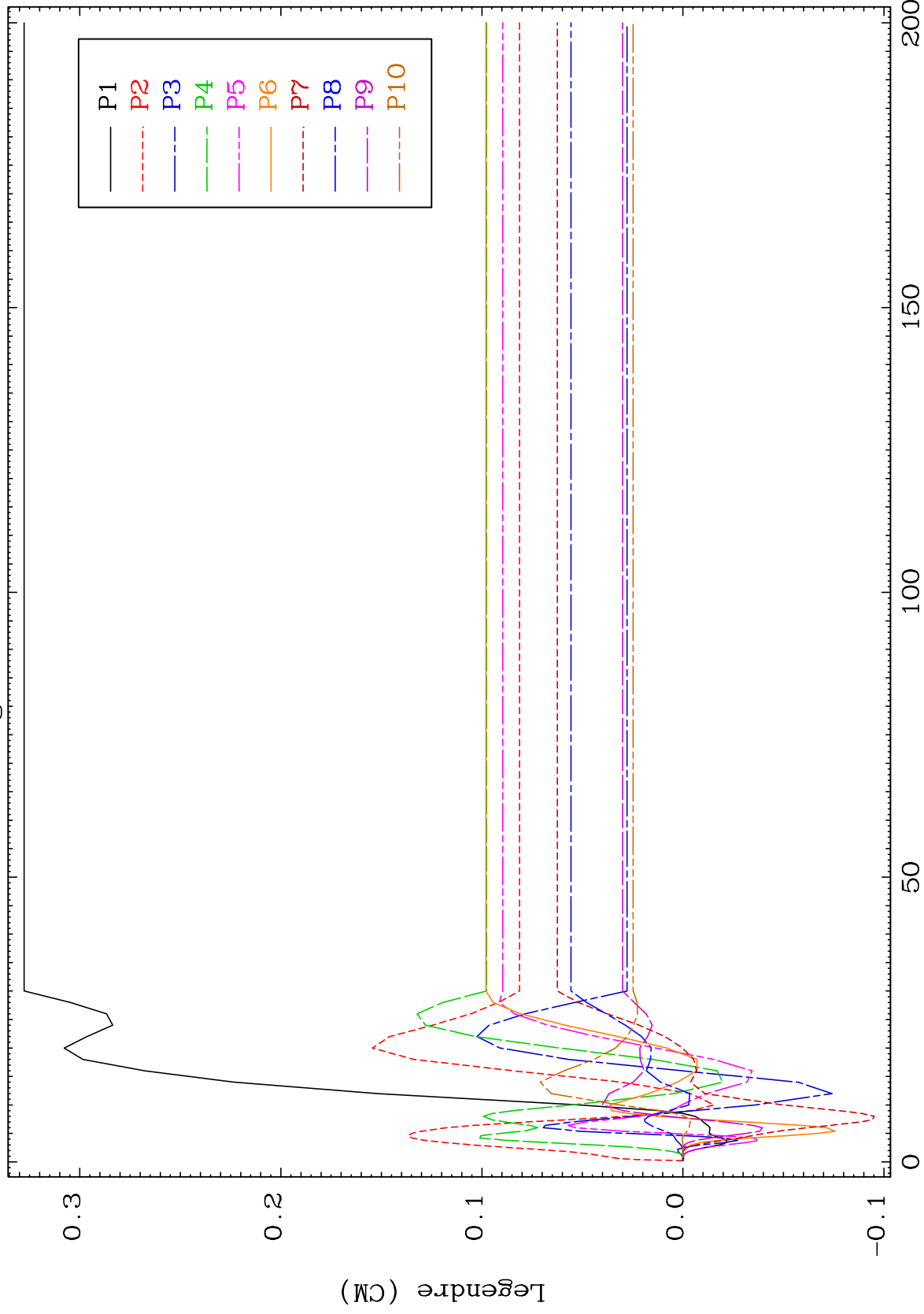
77-Ir-196



MAT 7740

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

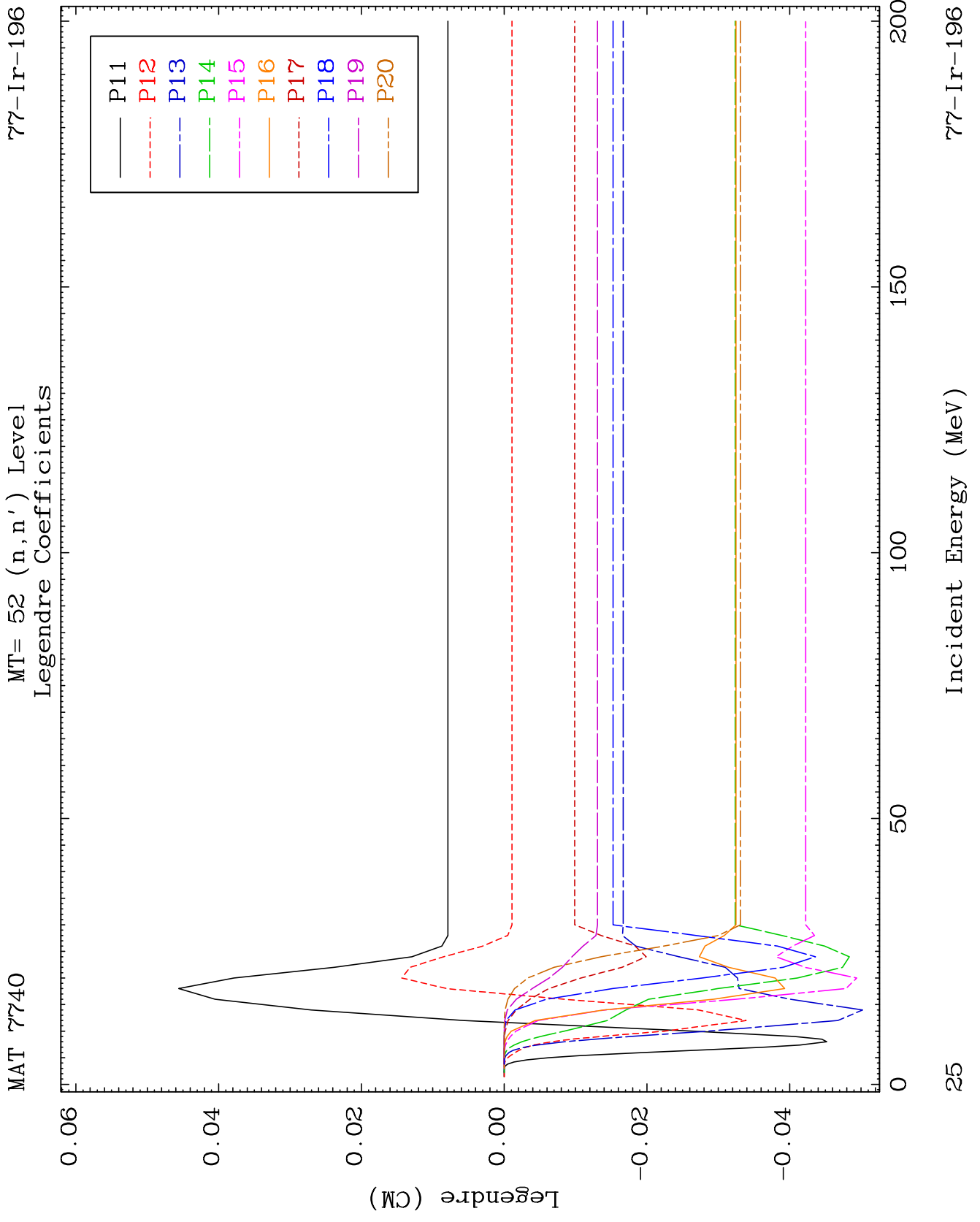
77-Ir-196



24

Incident Energy (MeV)

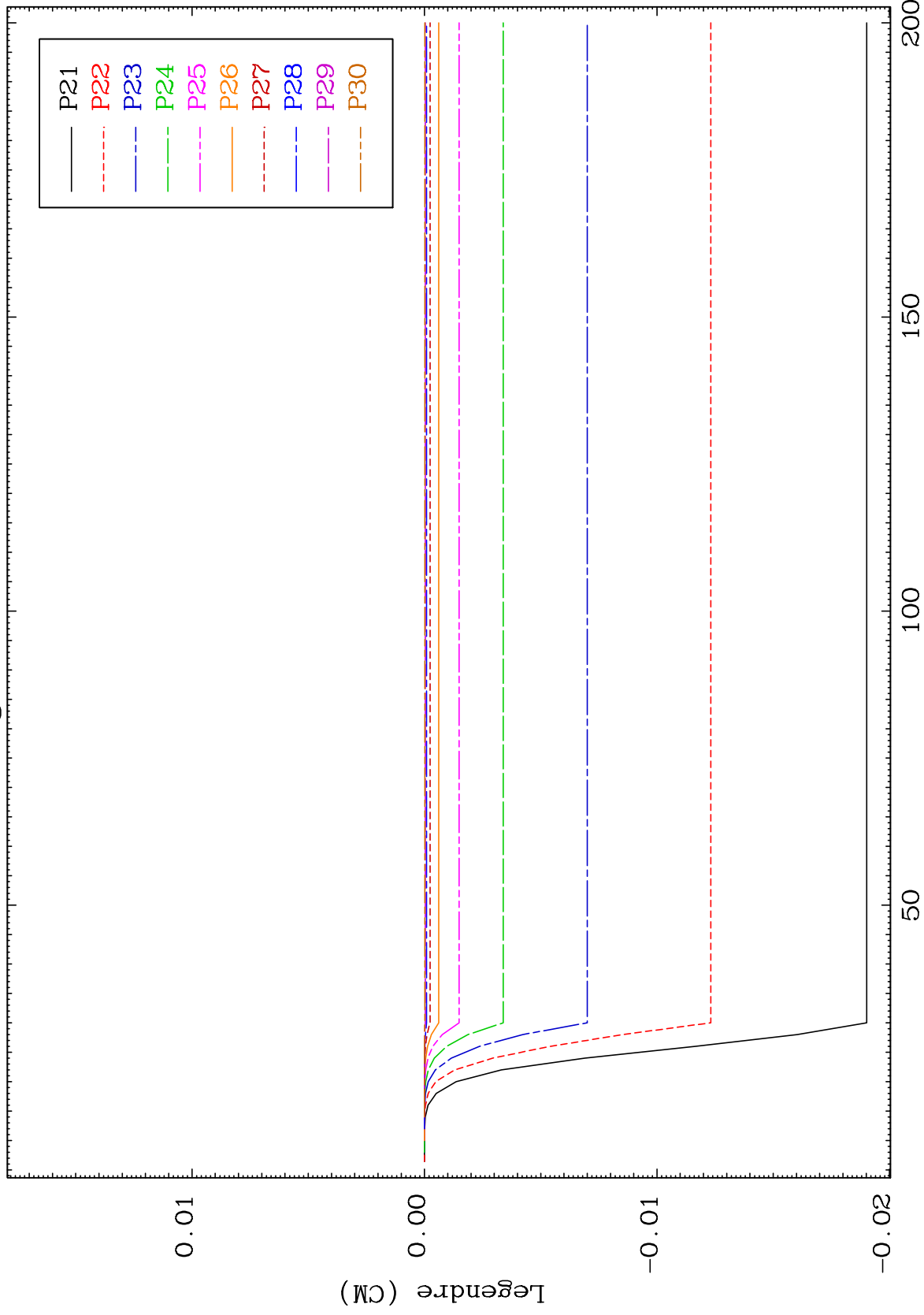
77-Ir-196



MAT 7740

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

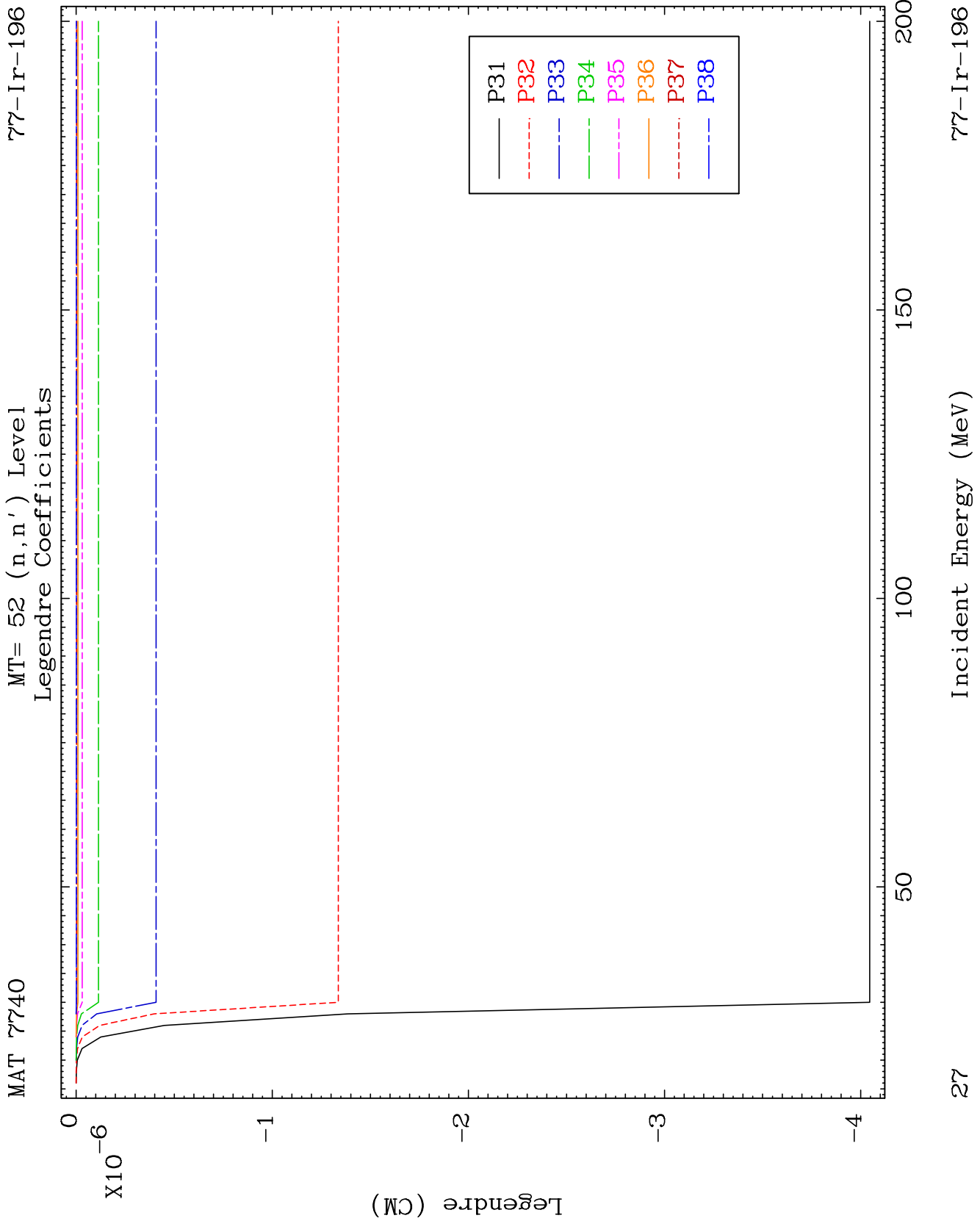
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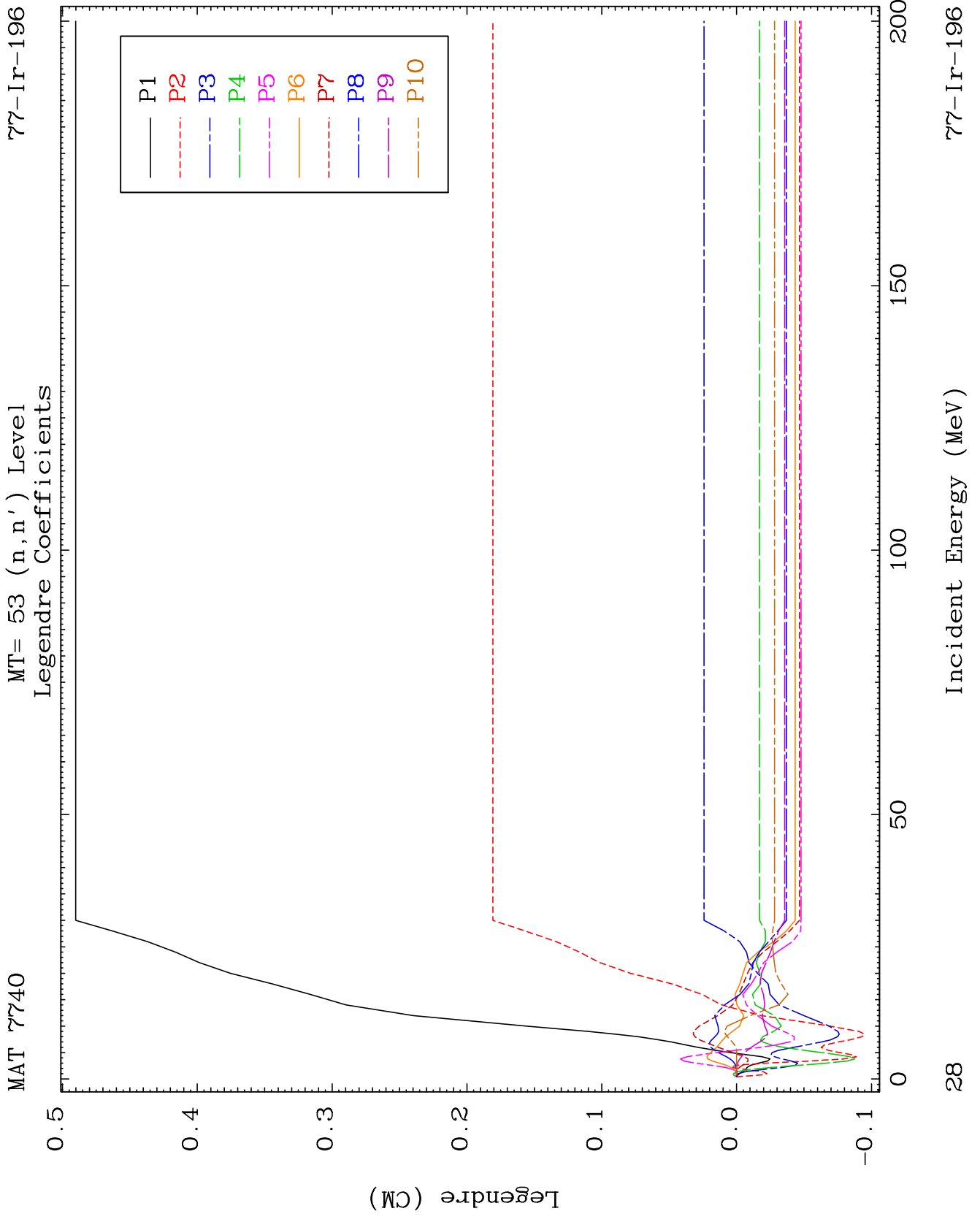


26

Incident Energy (MeV)

77-Ir-196

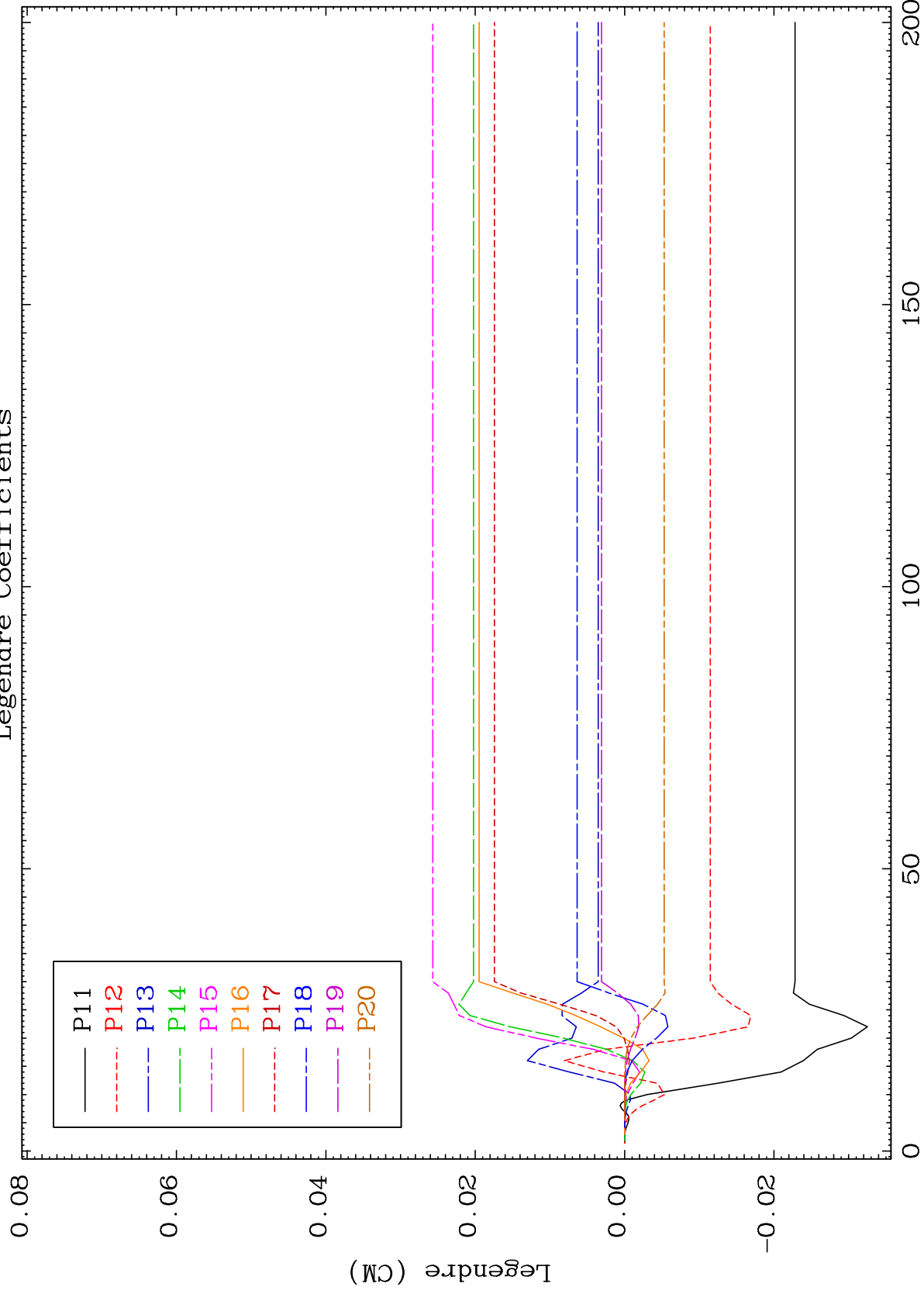




MAT 7740

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

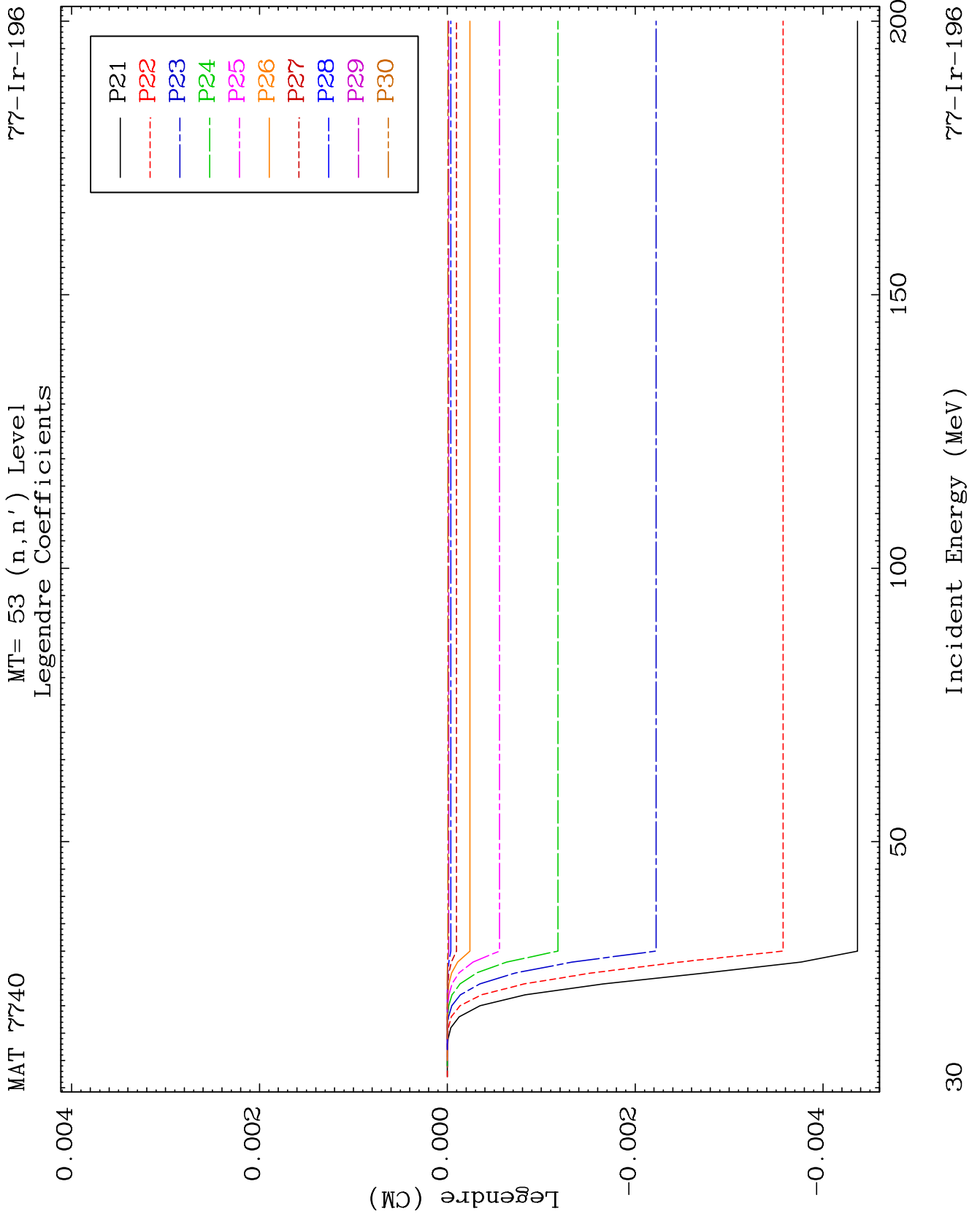
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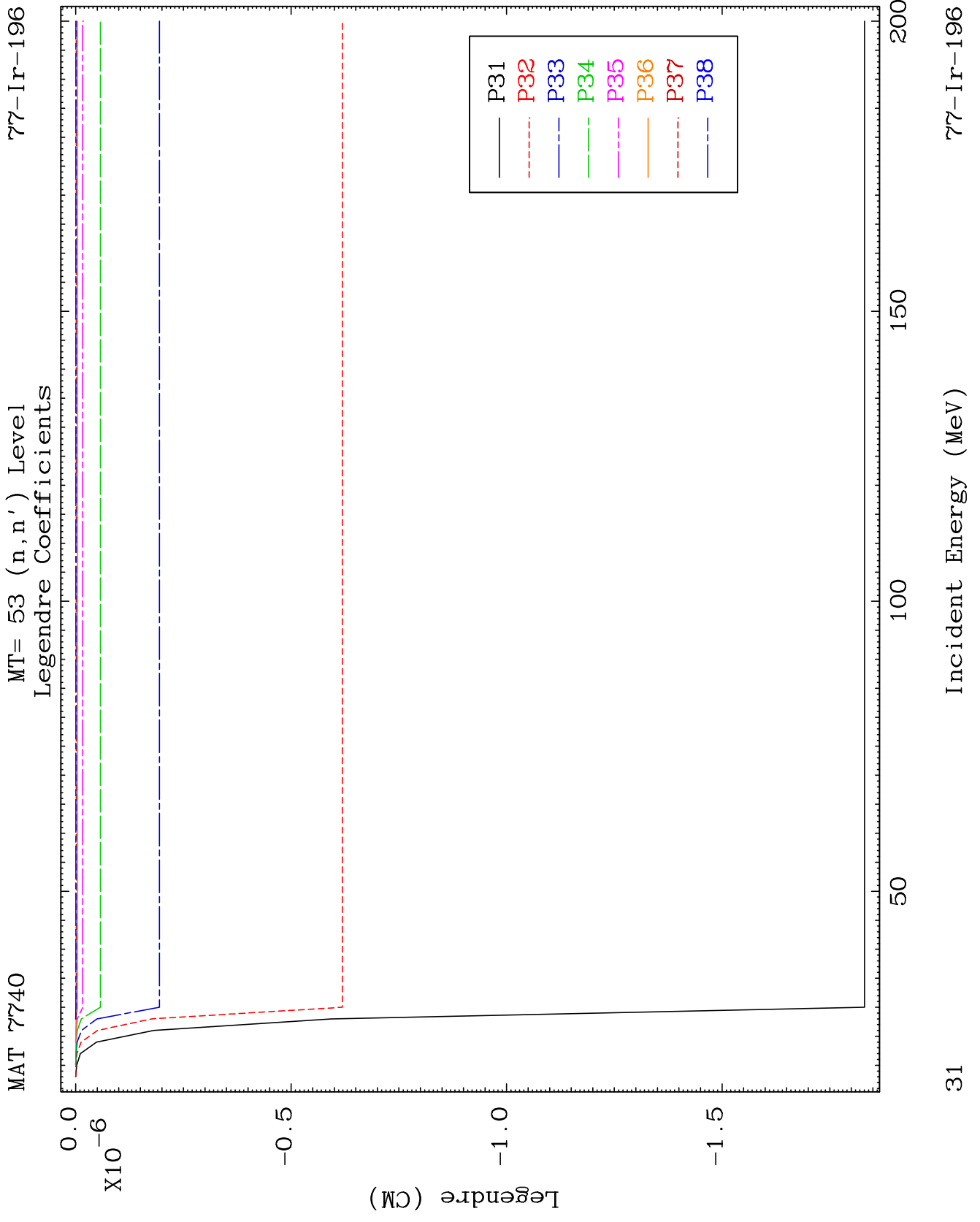


29

Incident Energy (MeV)

77-Ir-196

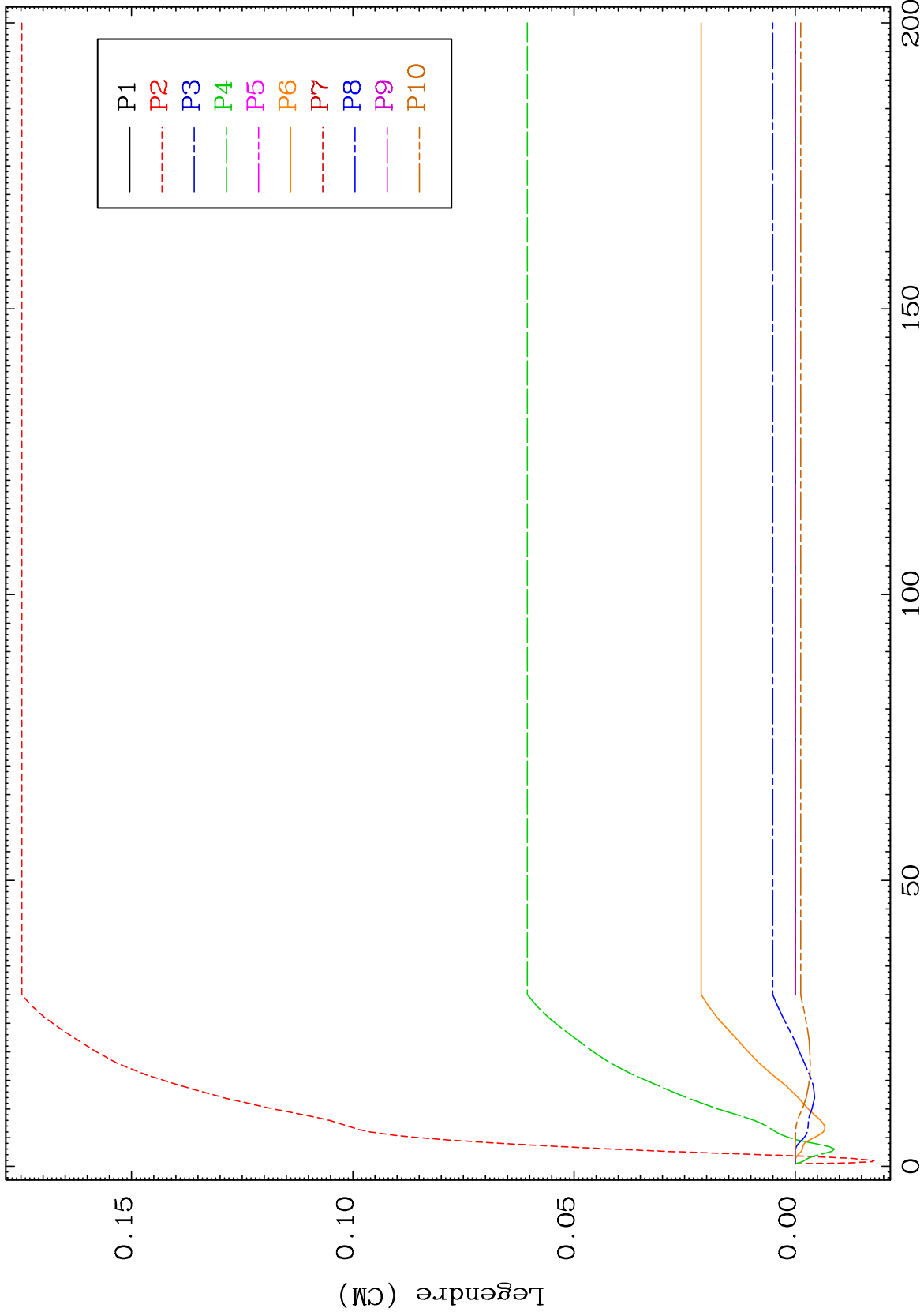




MAT 7740

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

77-Ir-196



32

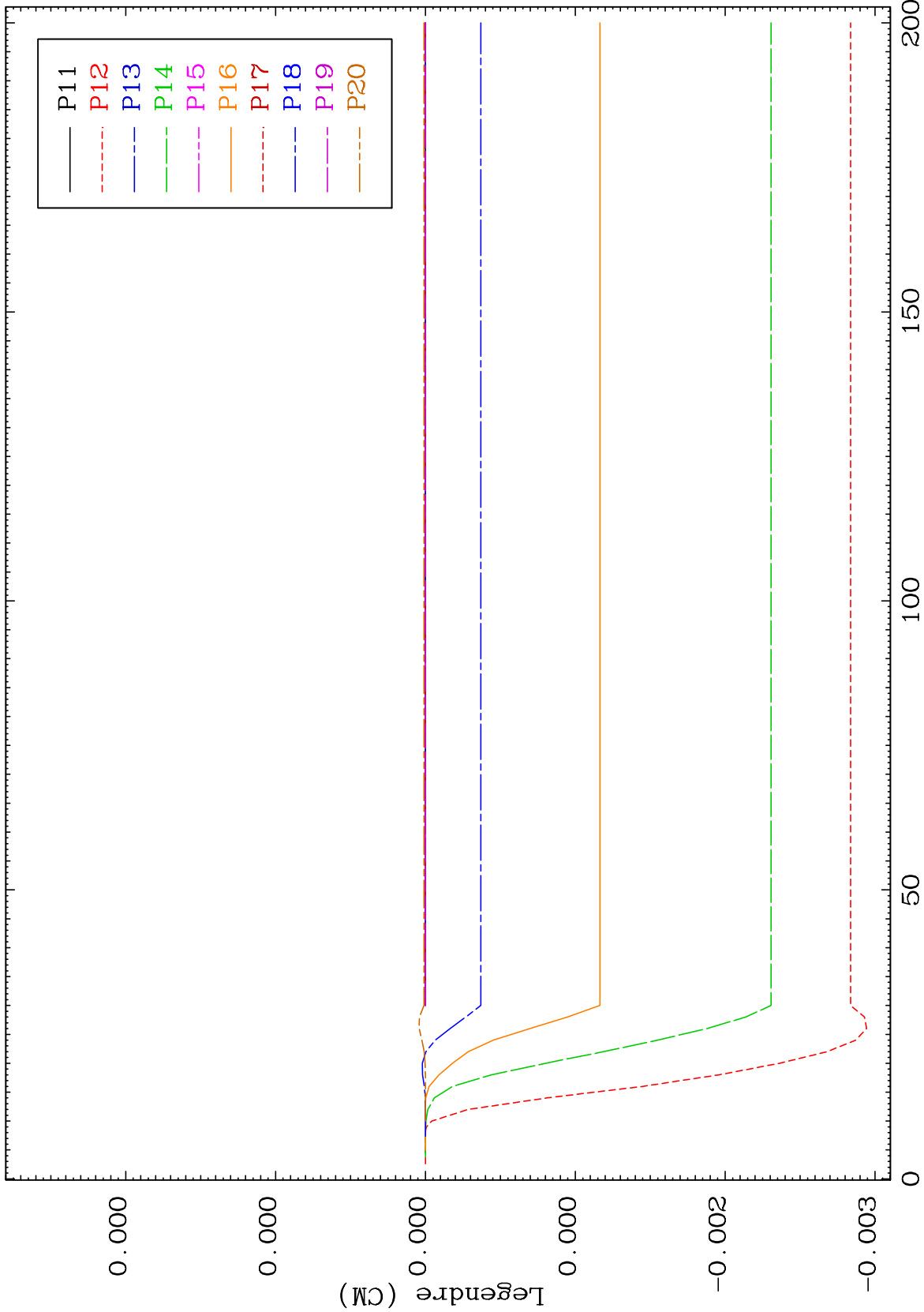
Incident Energy (MeV)

77-Ir-196

MAT 7740

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

77-Ir-196



33

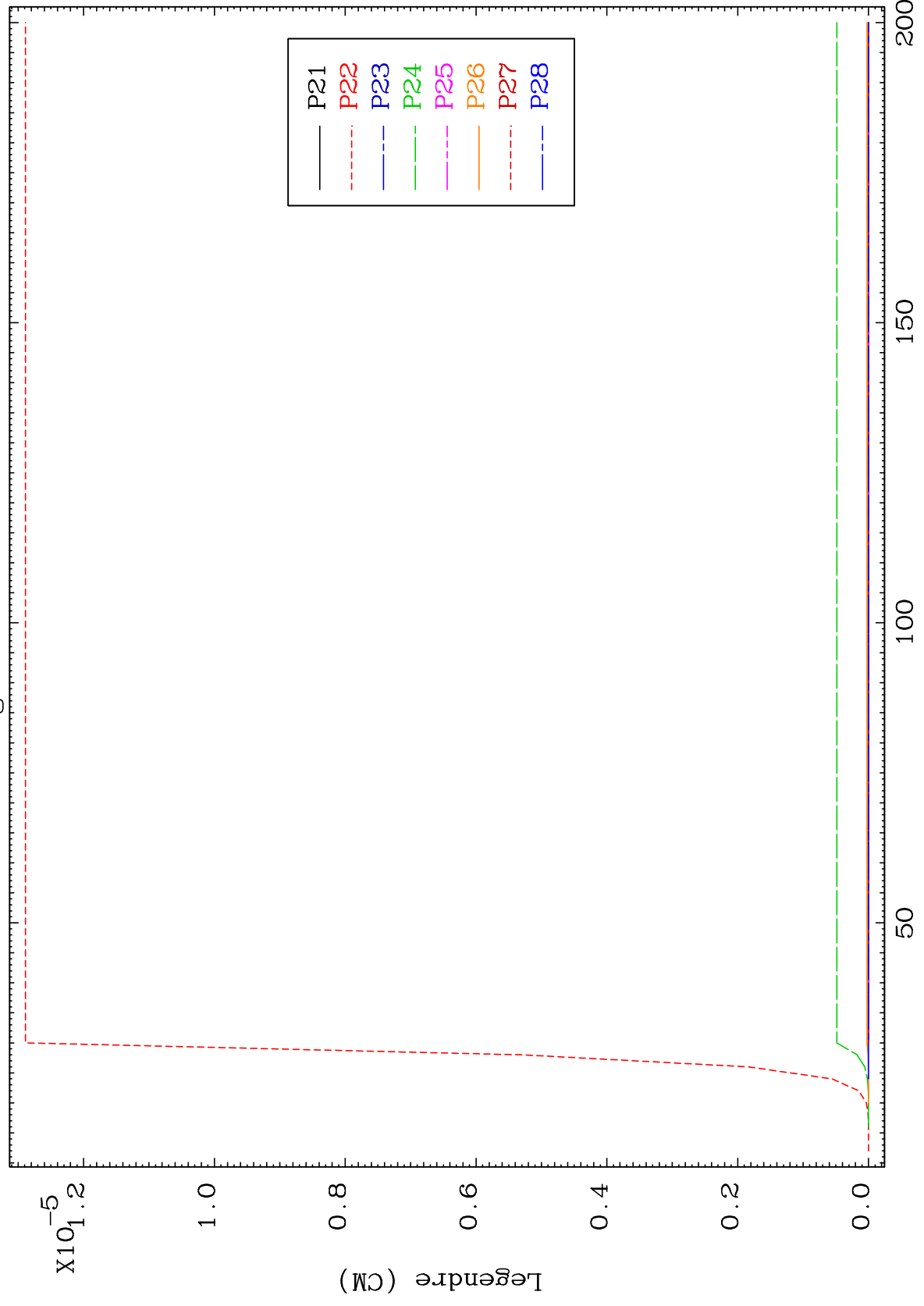
Incident Energy (MeV)

77-Ir-196

MAT 7740

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

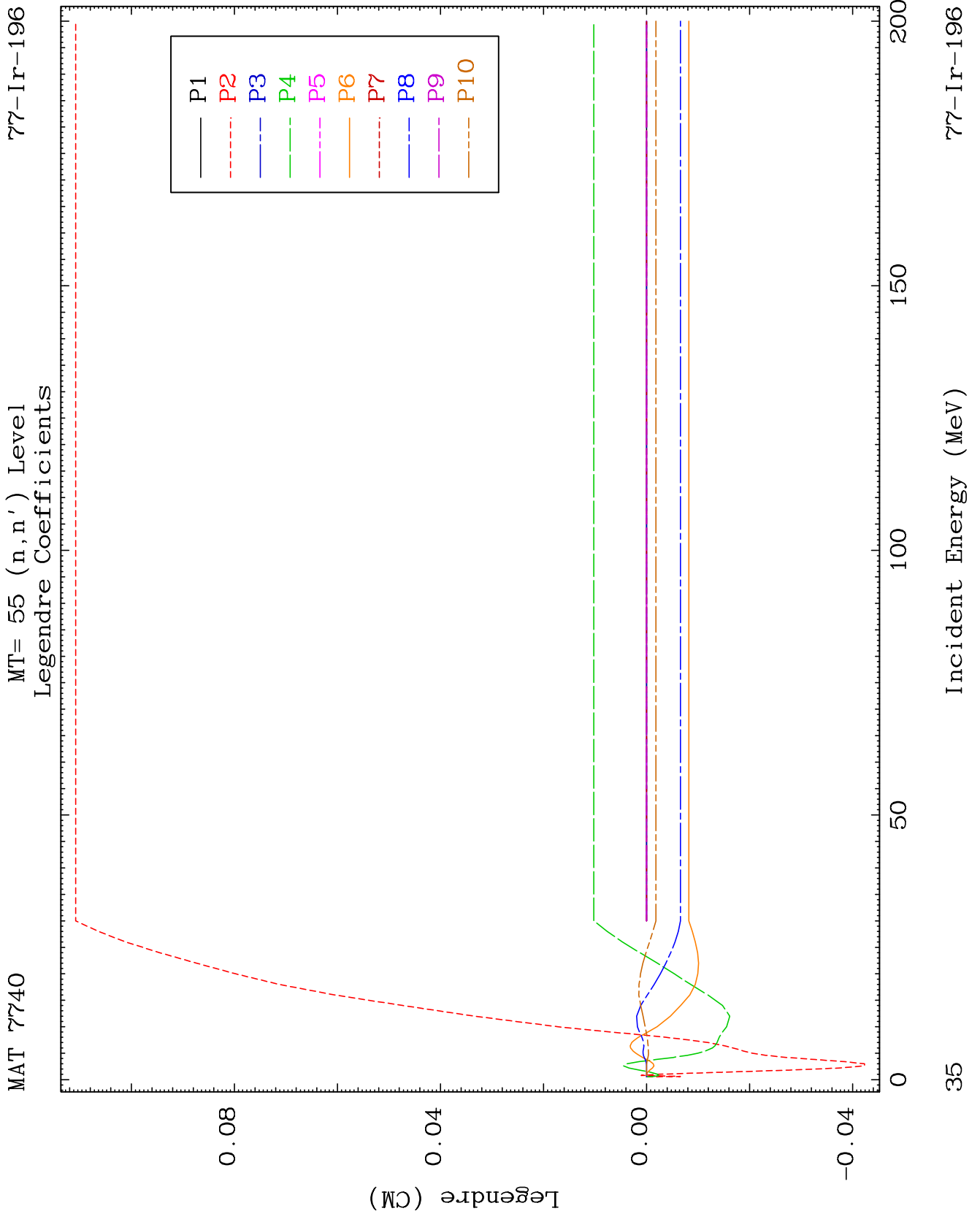
77-Ir-196



77-Ir-196

Incident Energy (MeV)

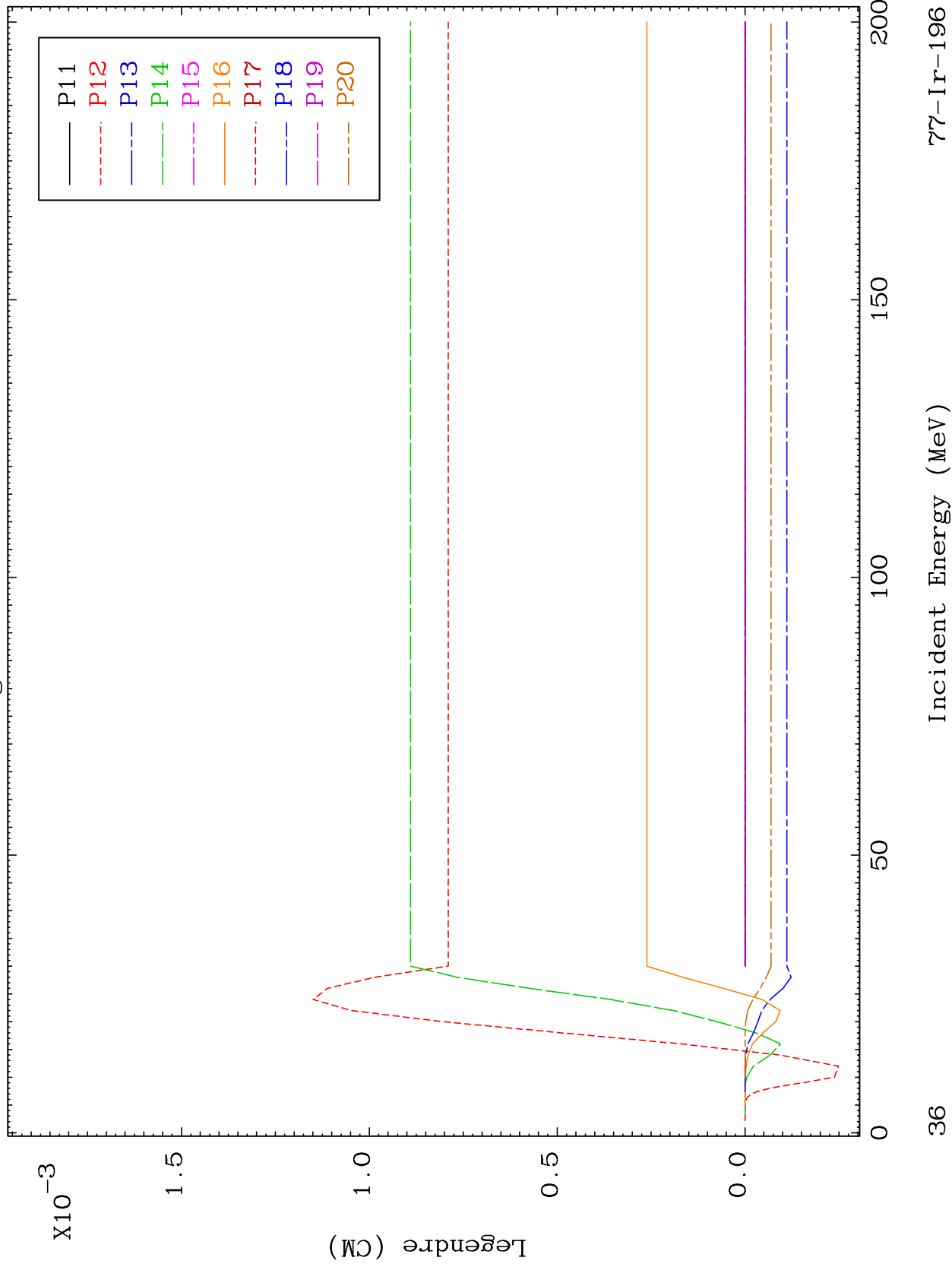
34



MAT 7740

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

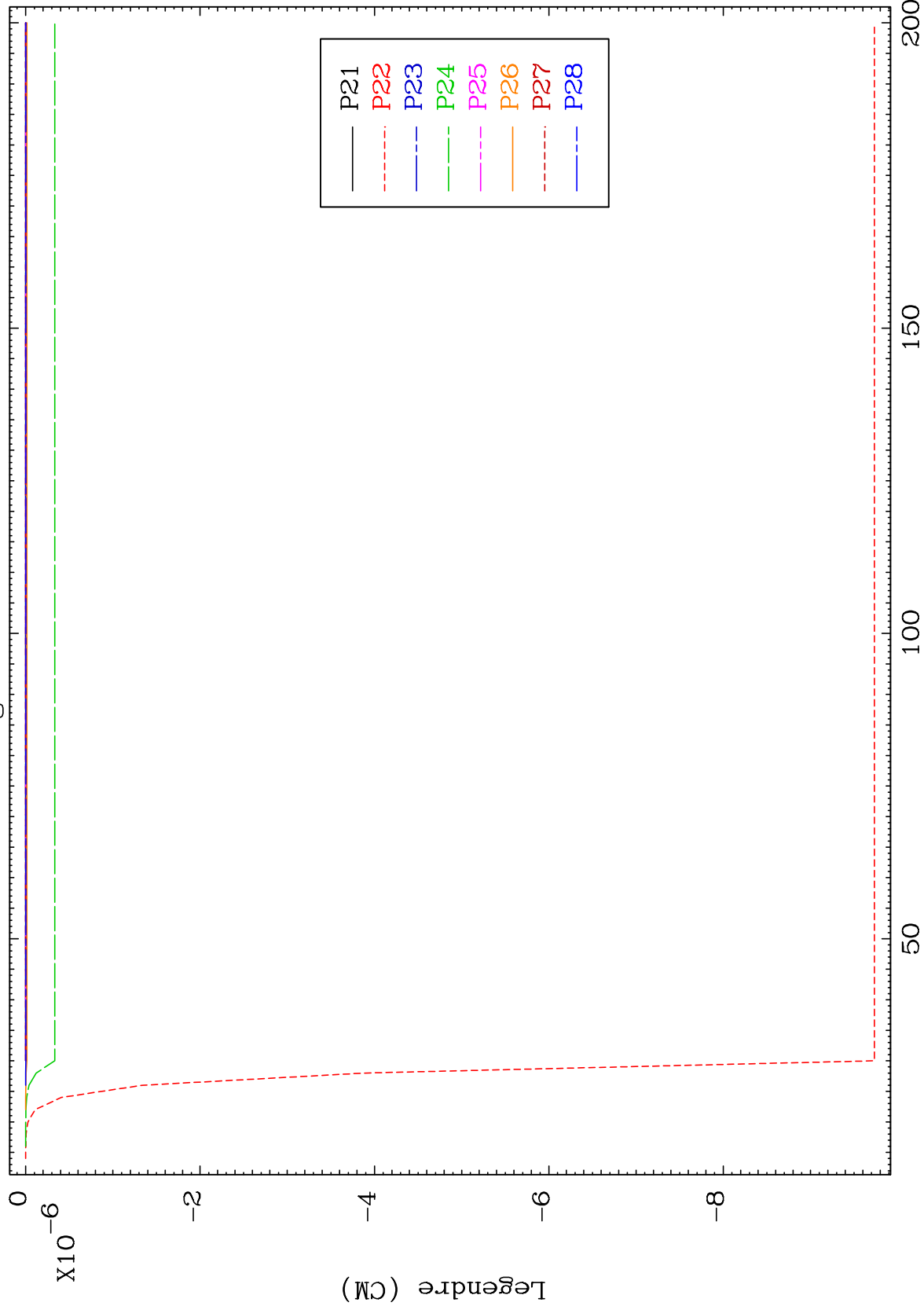
77-Ir-196



MAT 7740

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

77-Ir-196



37

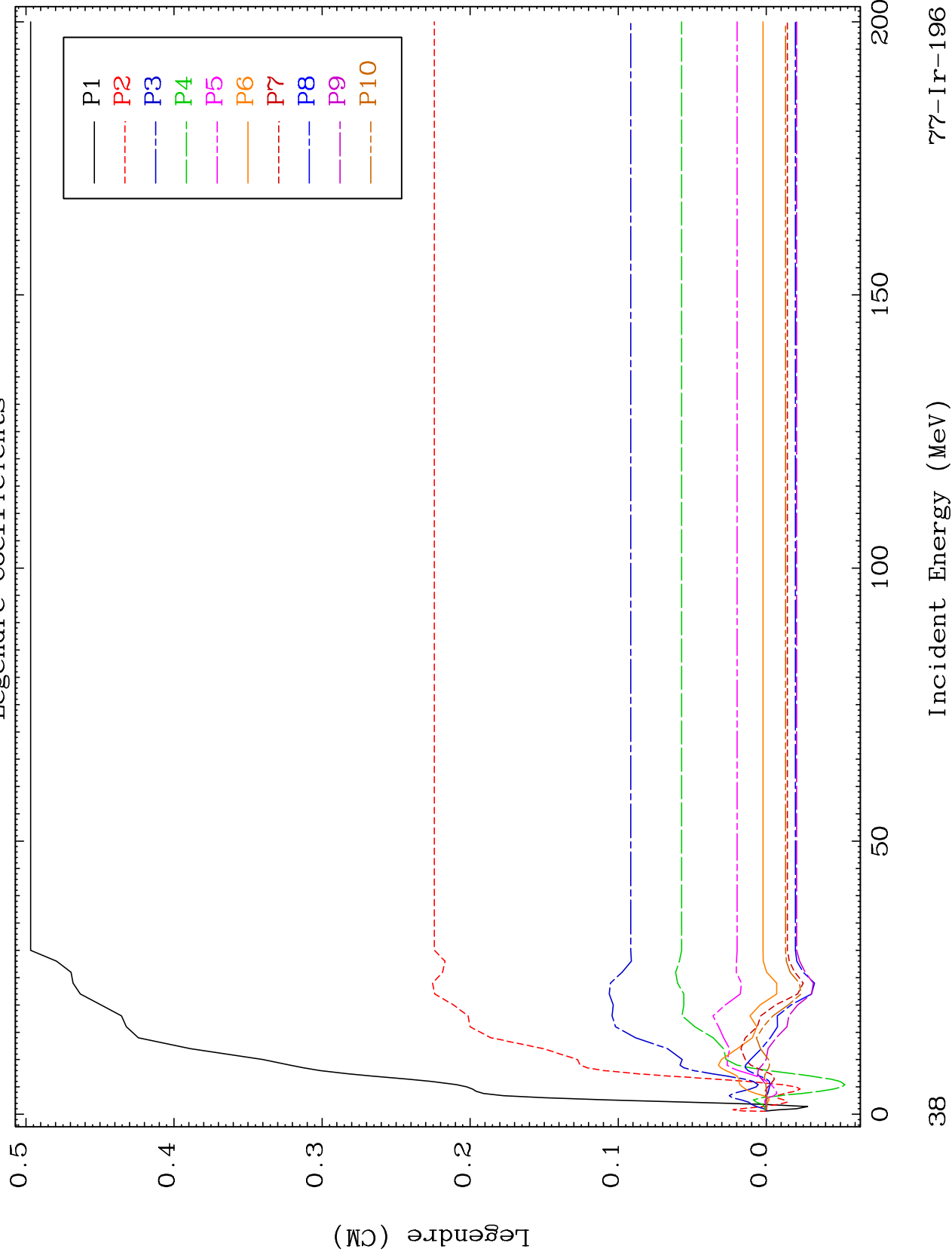
Incident Energy (MeV)

77-Ir-196

MAT 7740

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

77-Ir-196



77-Ir-196

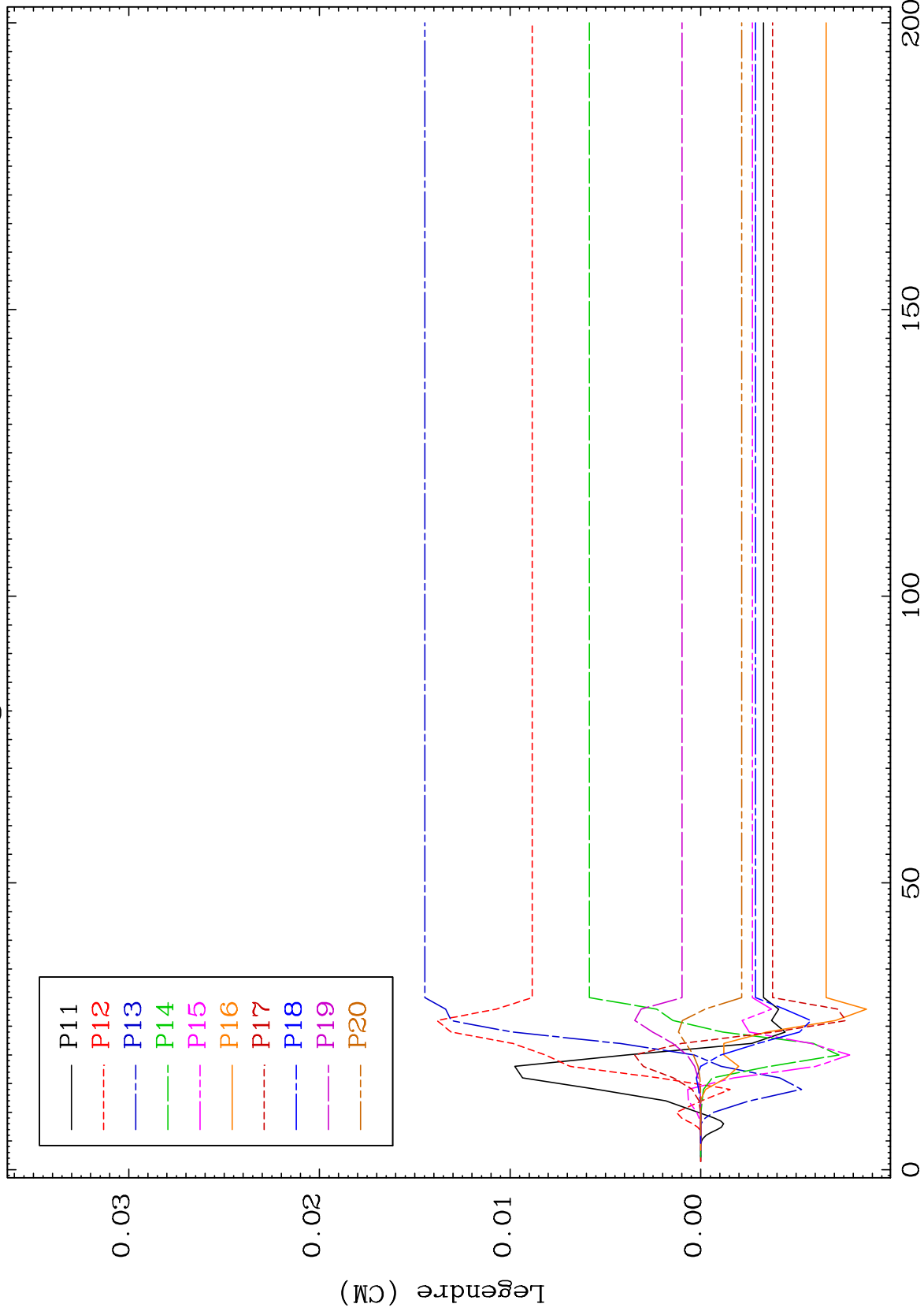
Incident Energy (MeV)

38

MAT 7740

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

77-Ir-196



39

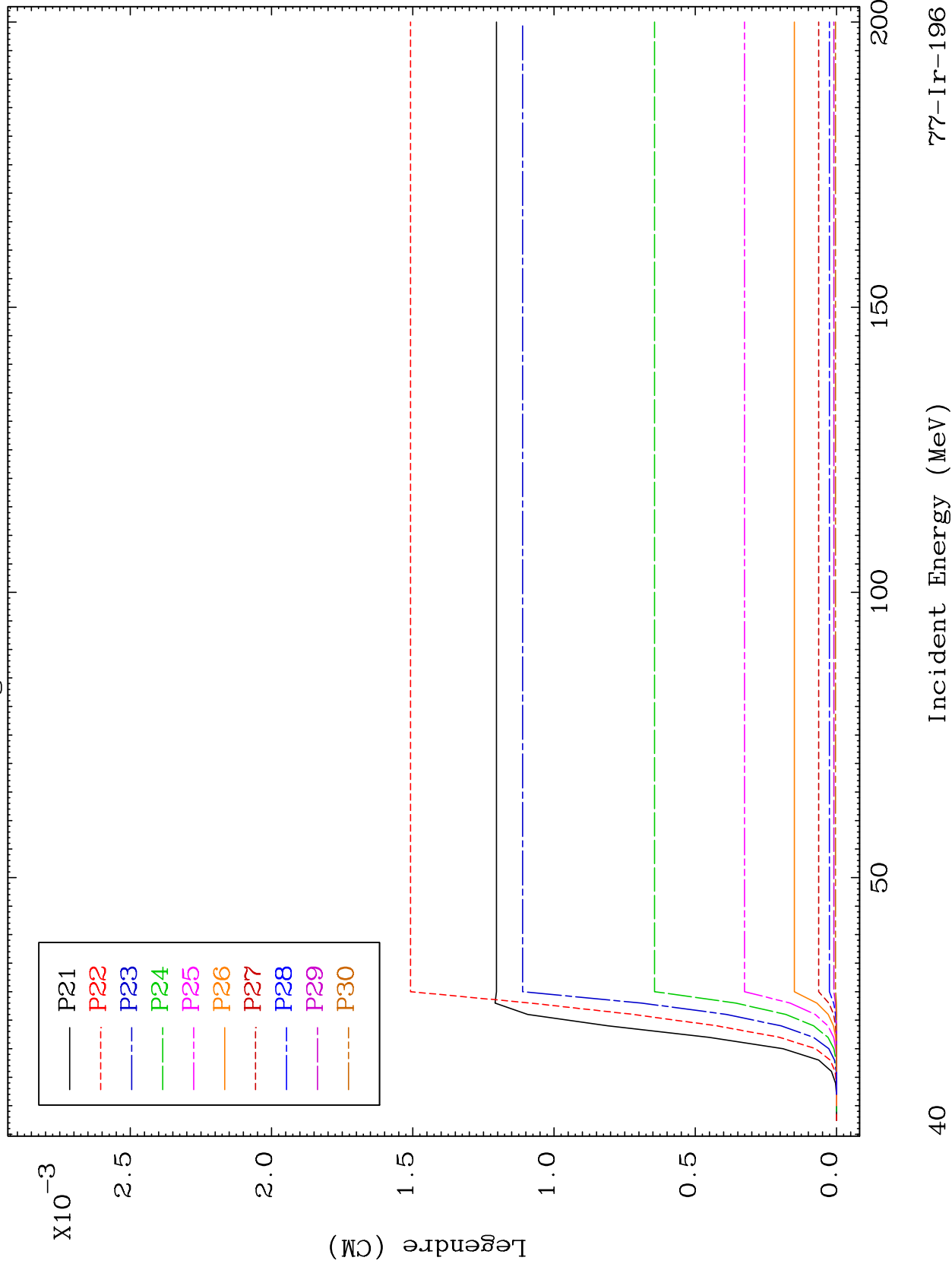
Incident Energy (MeV)

77-Ir-196

MAT 7740

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

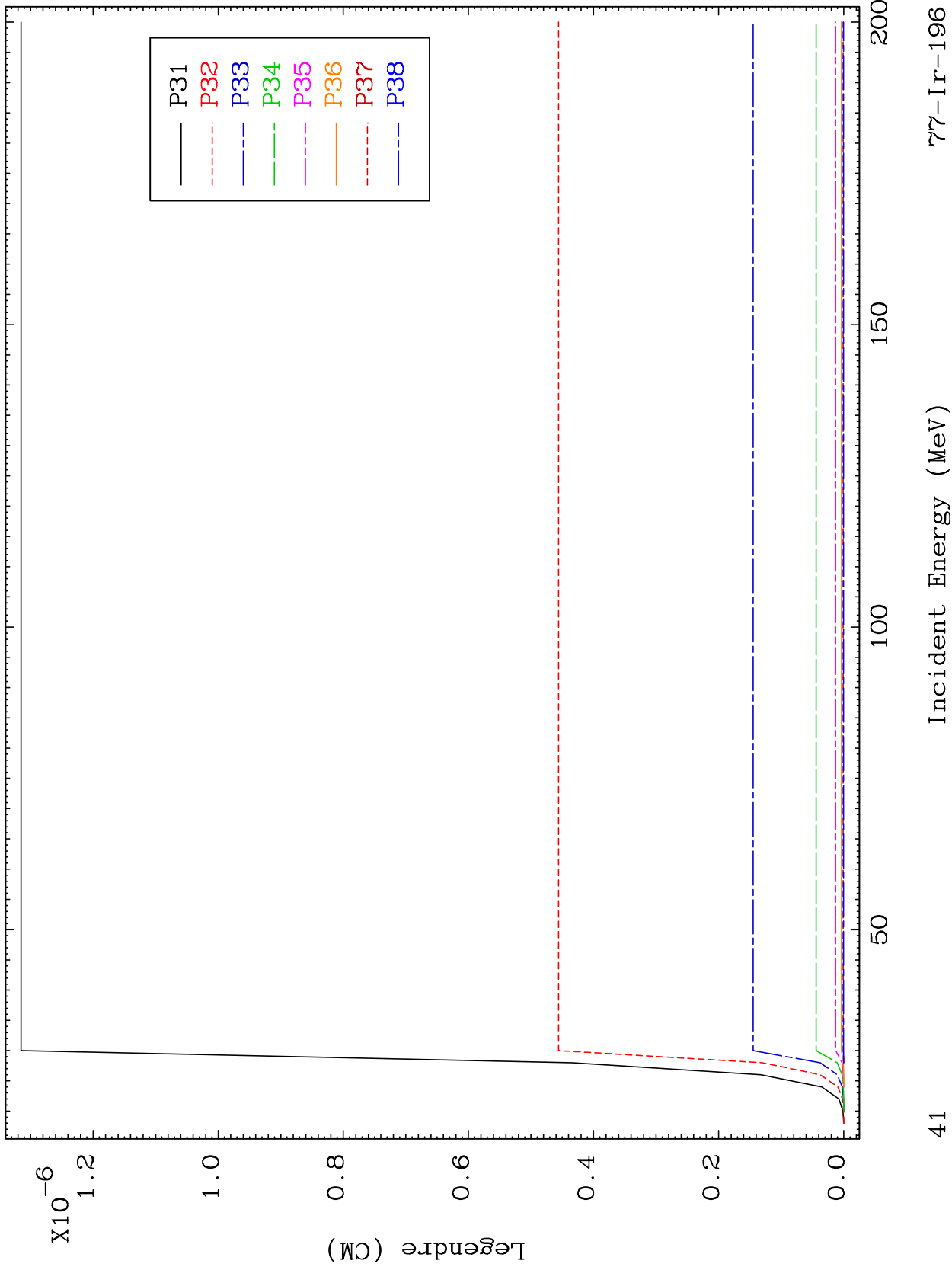
77-Ir-196



77-Ir-196

Incident Energy (MeV)

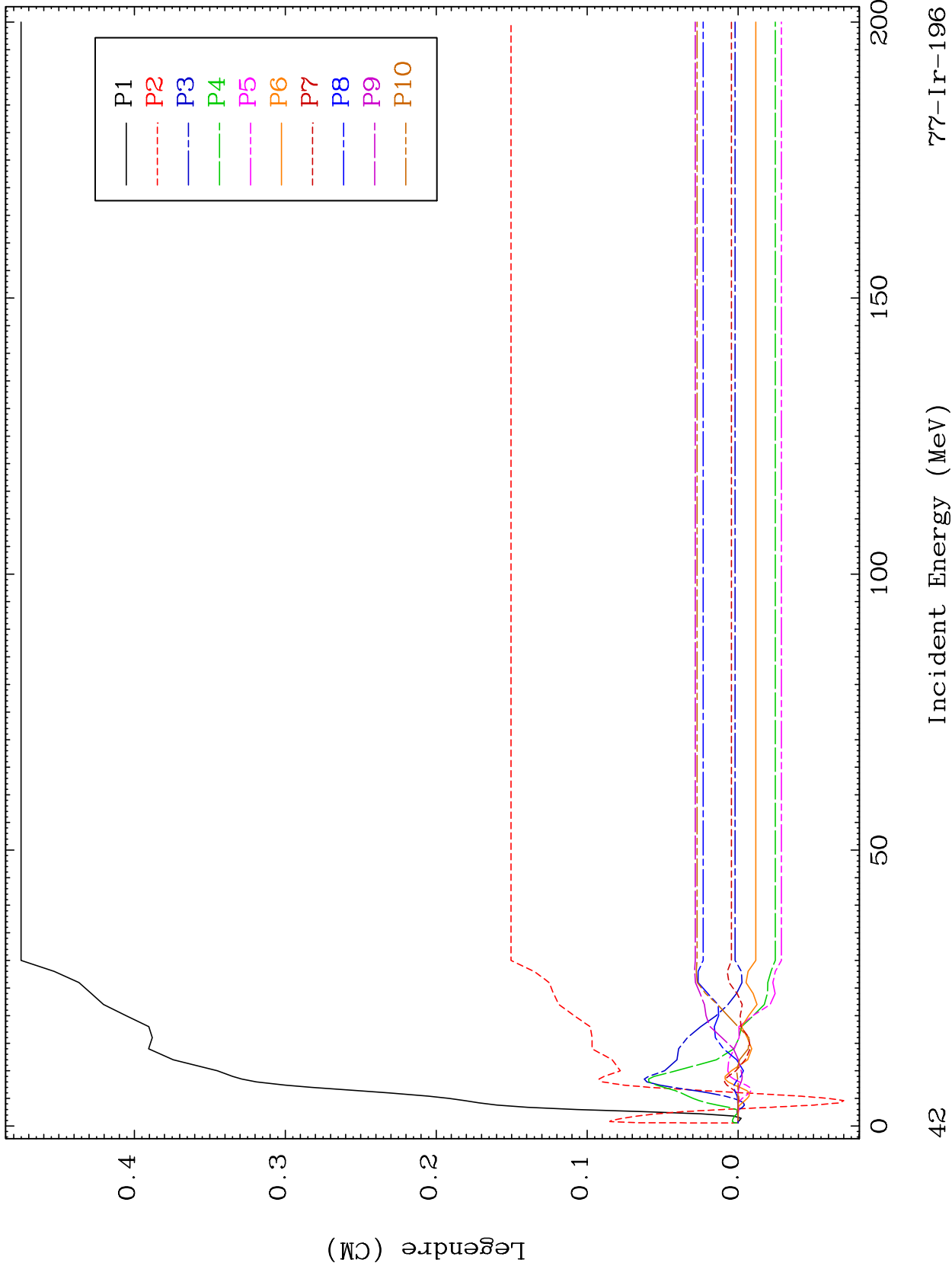
40



MAT 7740

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

77-Ir-196



77-Ir-196

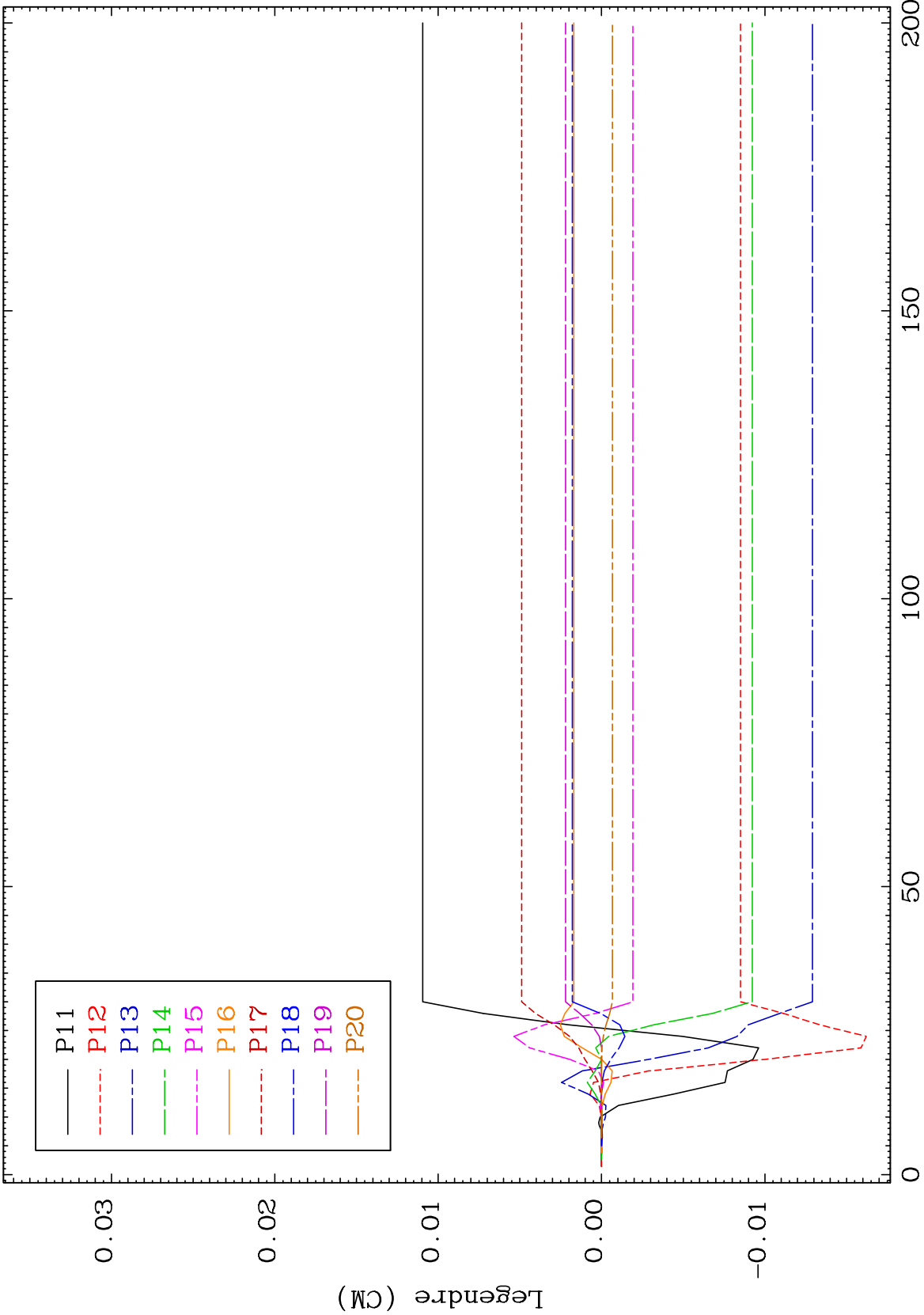
Incident Energy (MeV)

42

MAT 7740

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

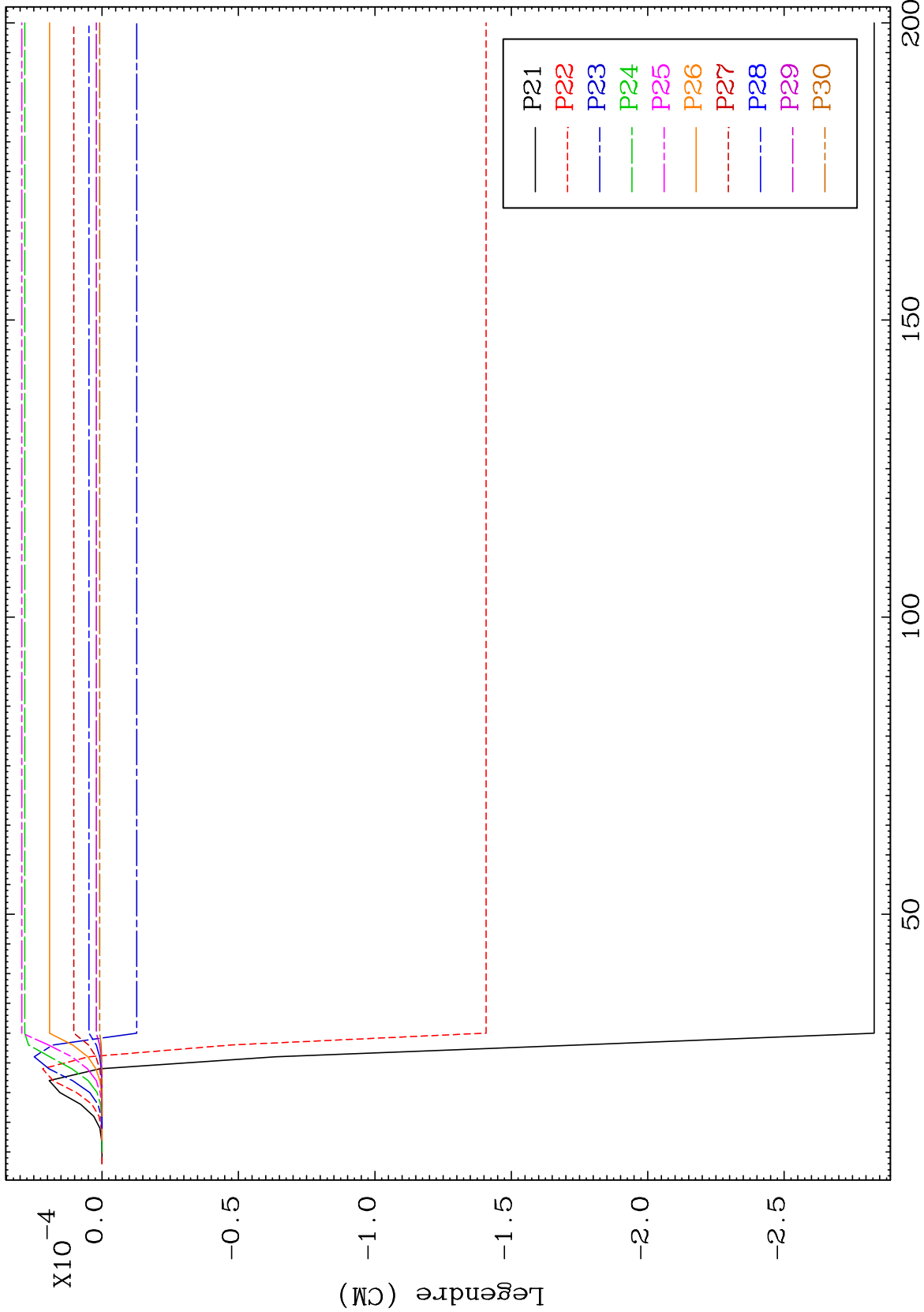
77-Ir-196



43

Incident Energy (MeV)

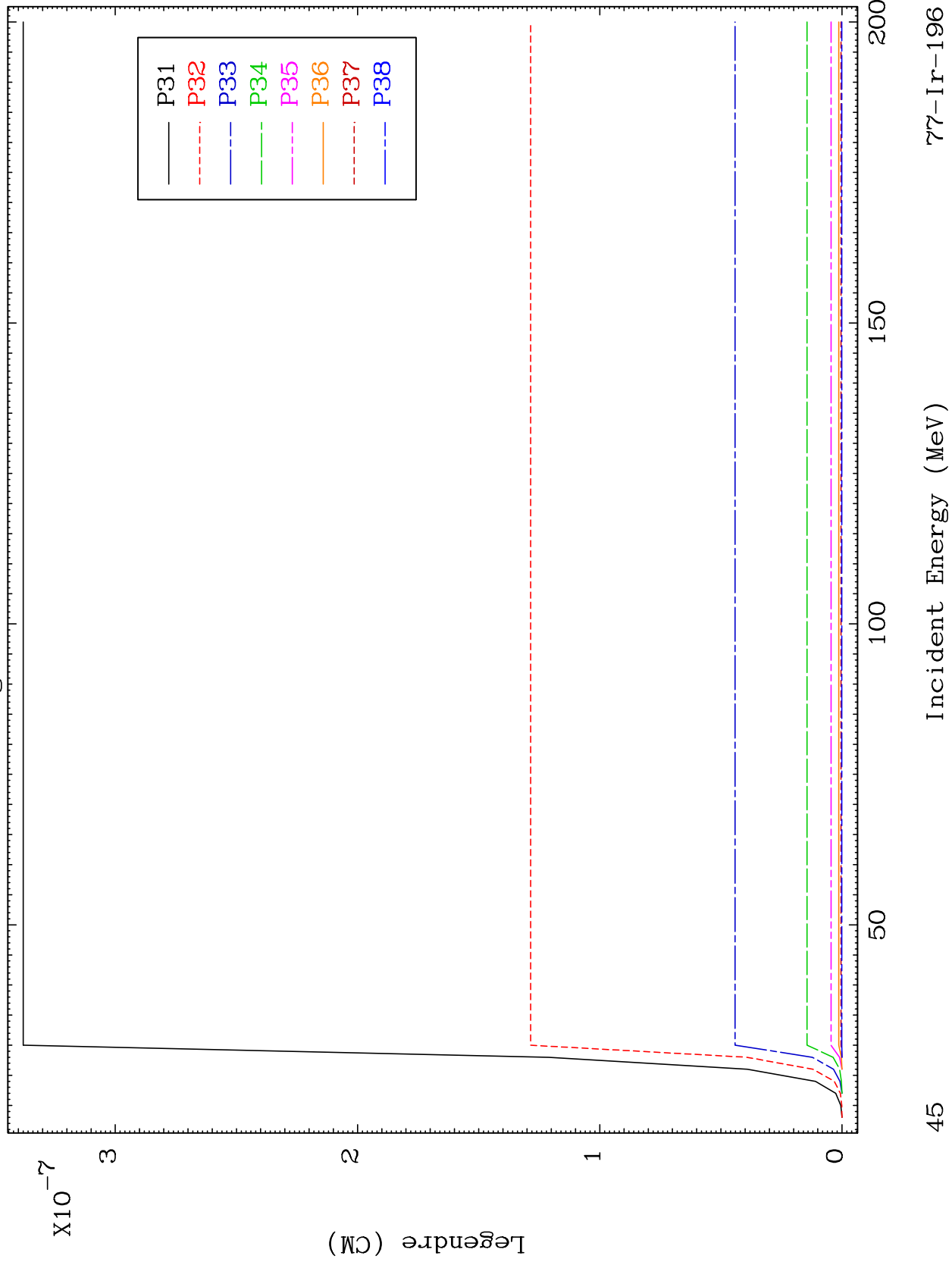
77-Ir-196



MAT 7740

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

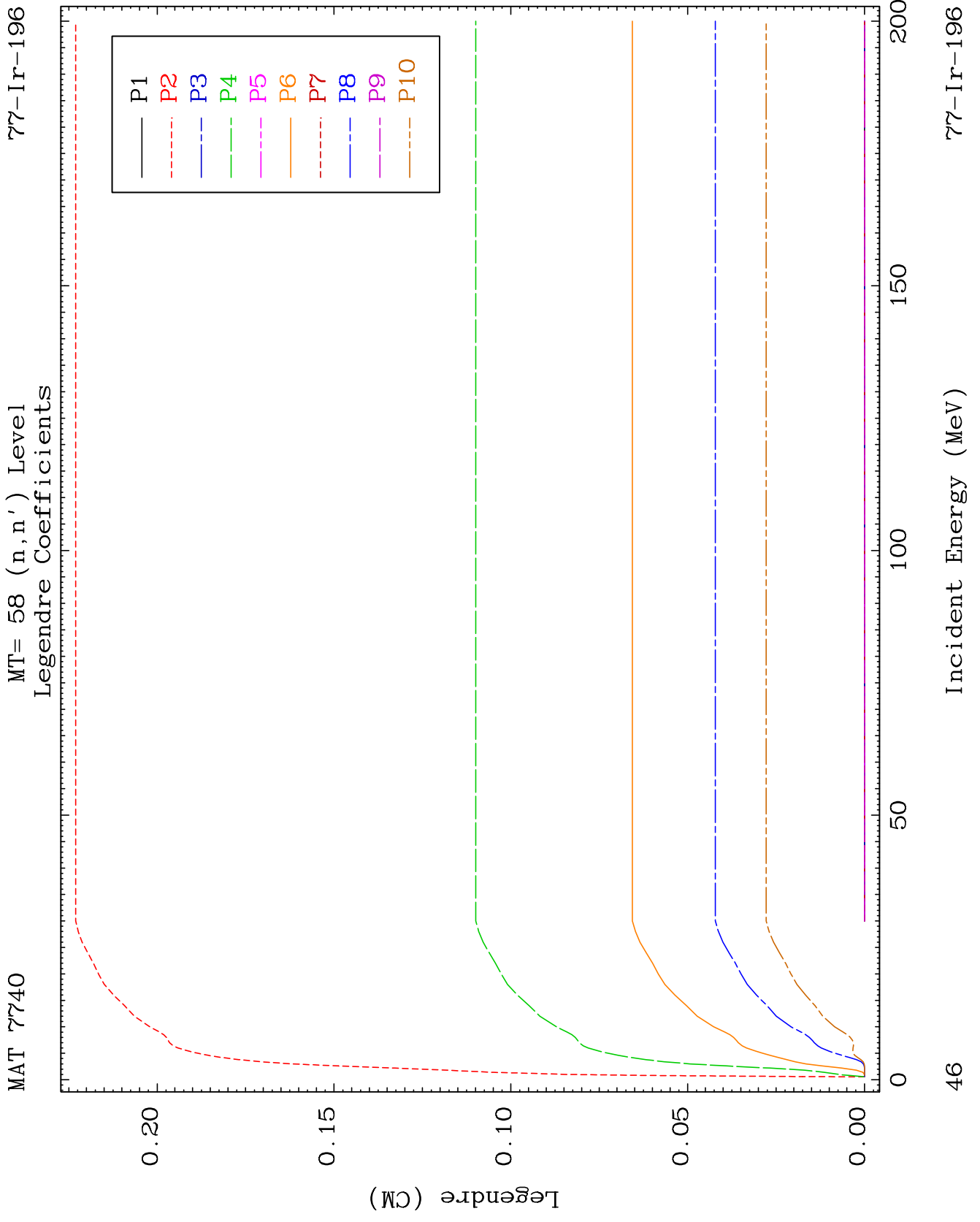
77-Ir-196



77-Ir-196

Incident Energy (MeV)

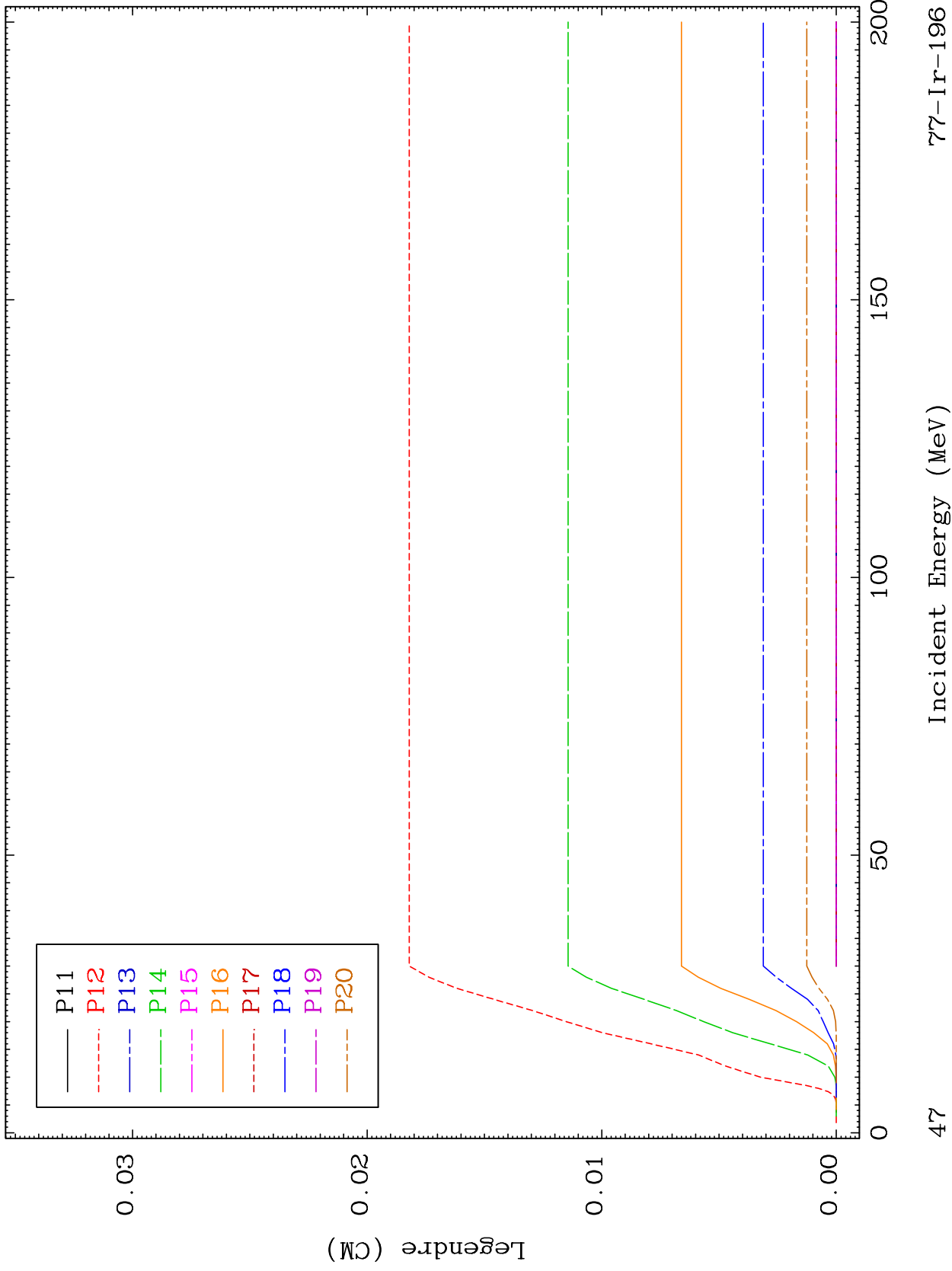
45



MAT 7740

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

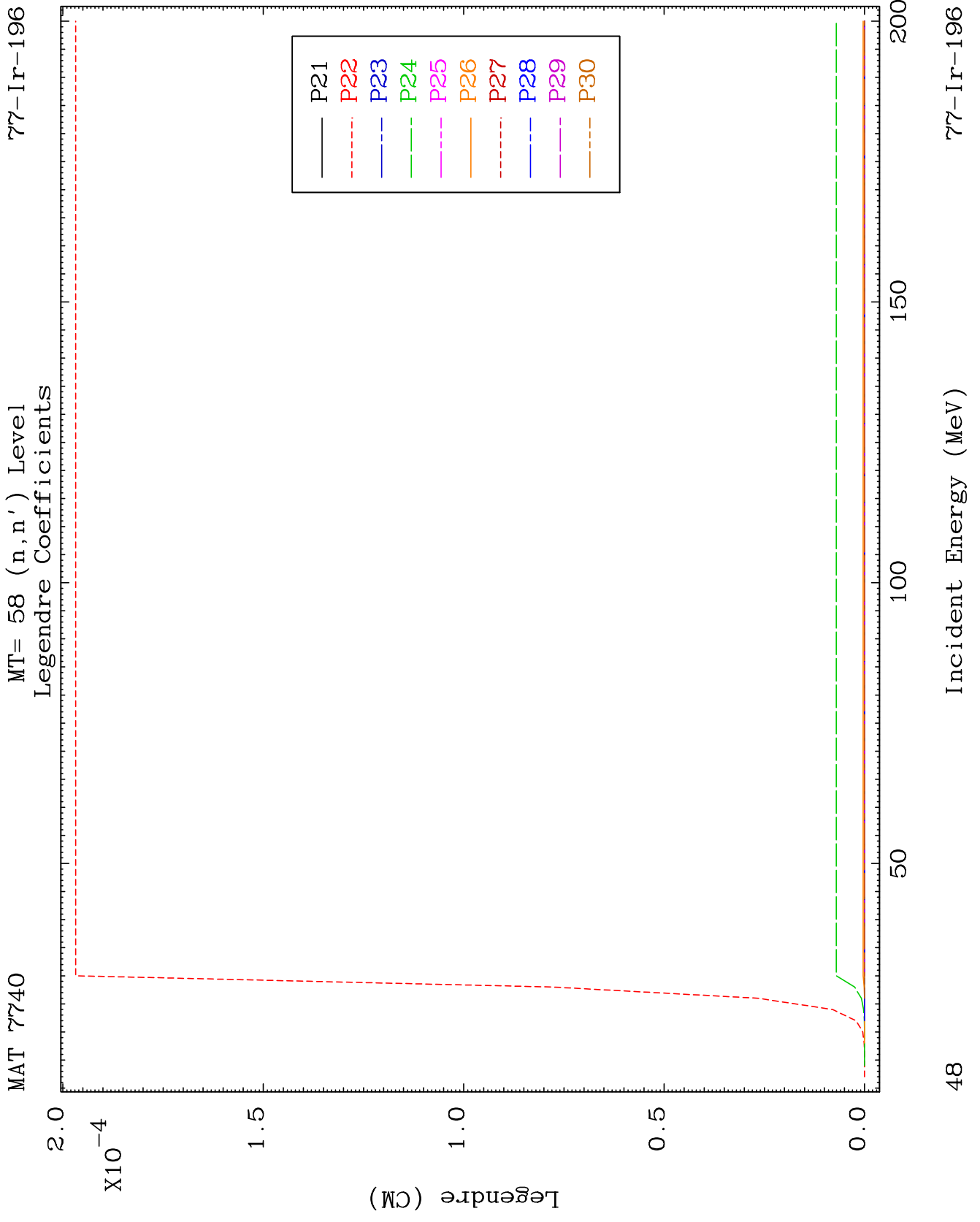
77-Ir-196



47

Incident Energy (MeV)

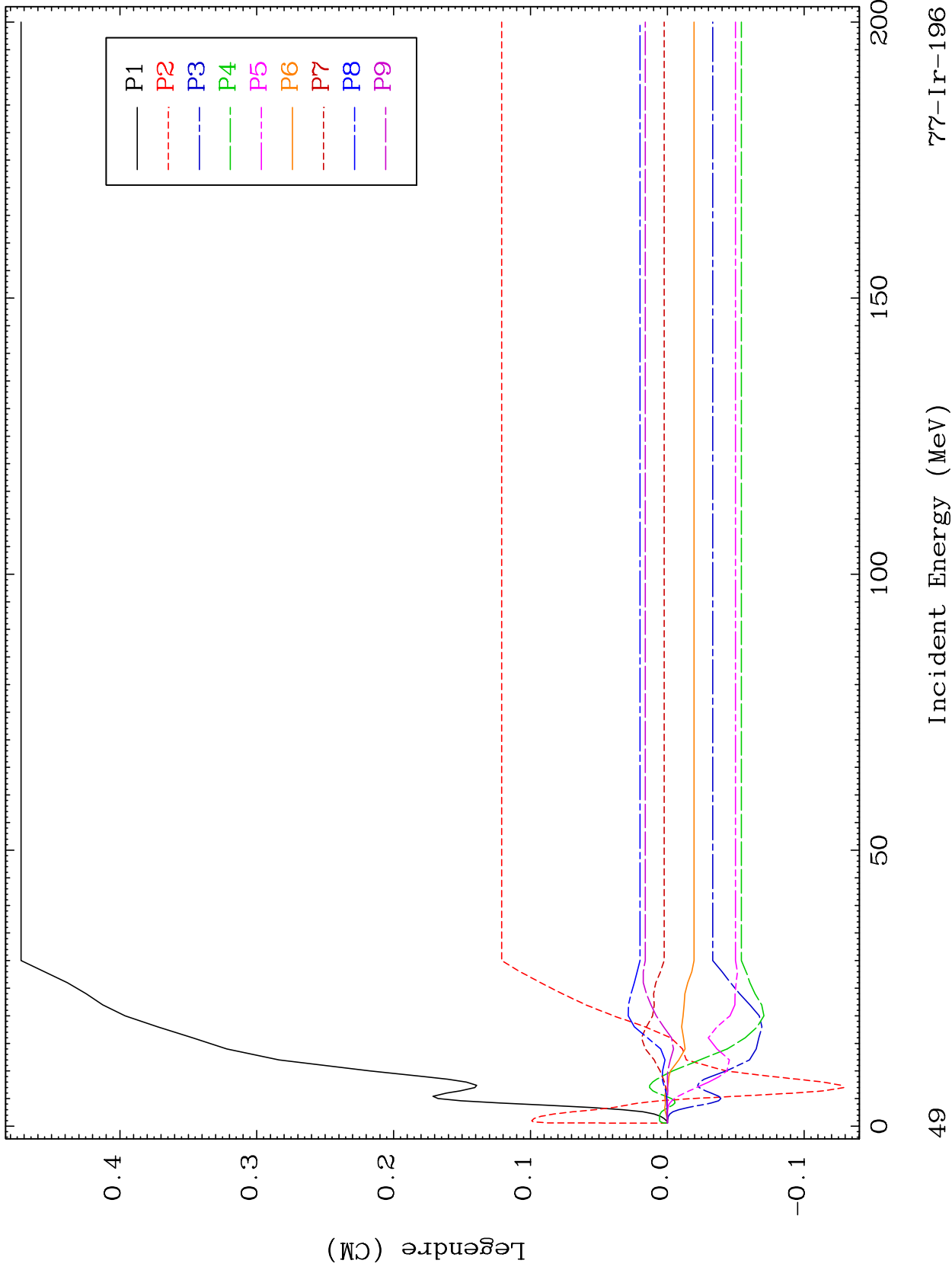
77-Ir-196



MAT 7740

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

77-Ir-196



77-Ir-196

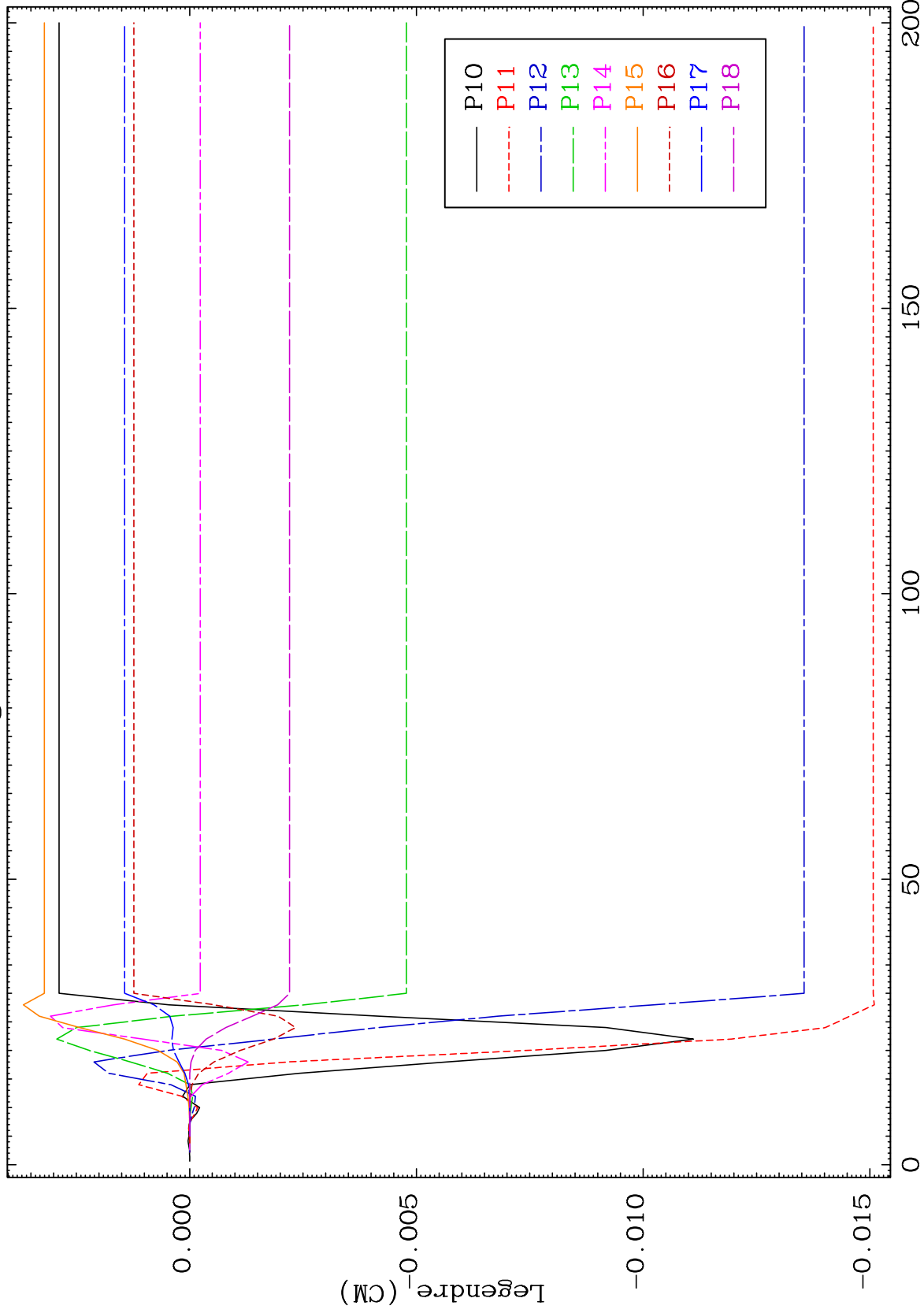
Incident Energy (MeV)

49

MAT 7740

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

77-Ir-196



77-Ir-196

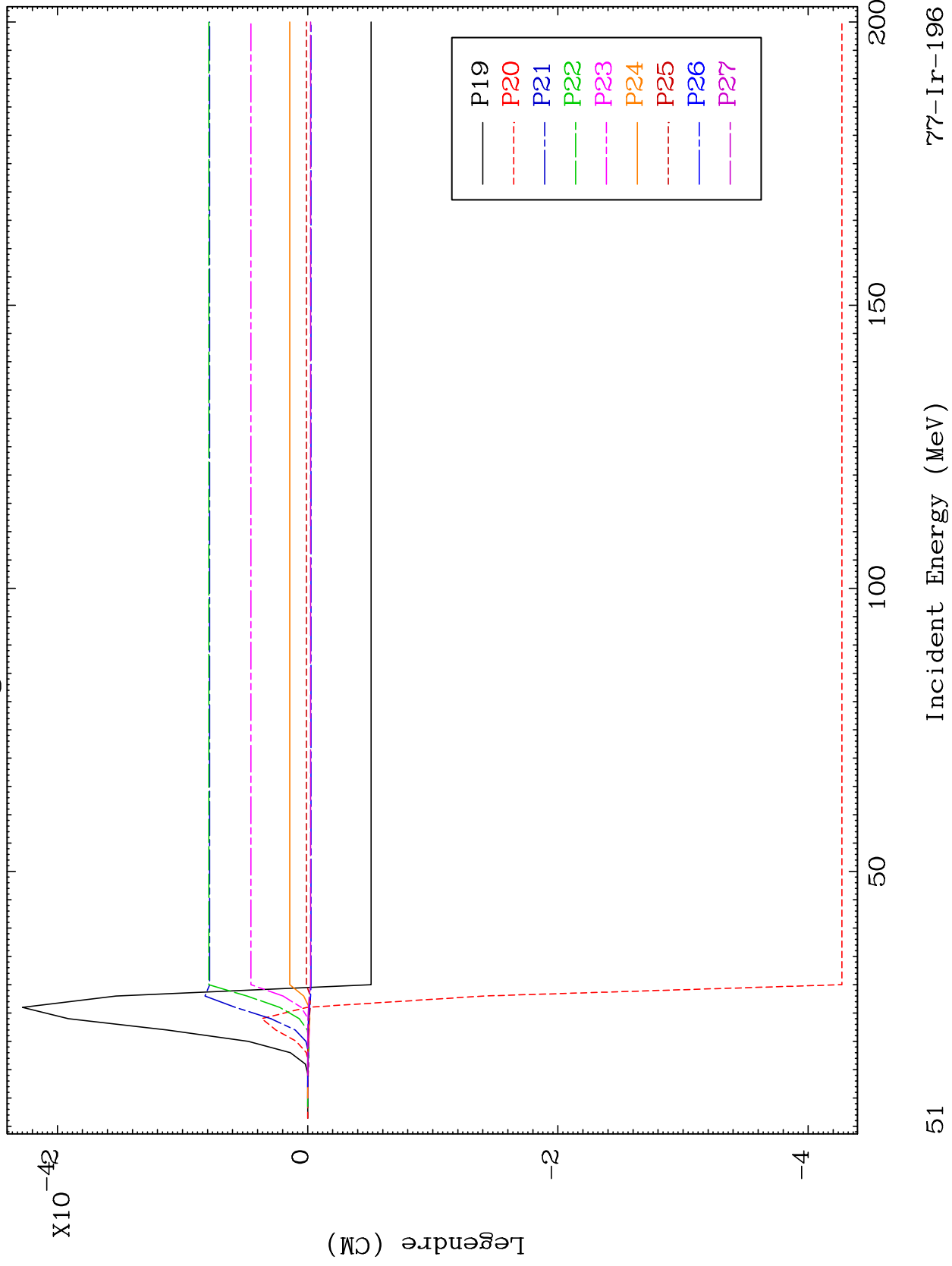
Incident Energy (MeV)

50

MAT 7740

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

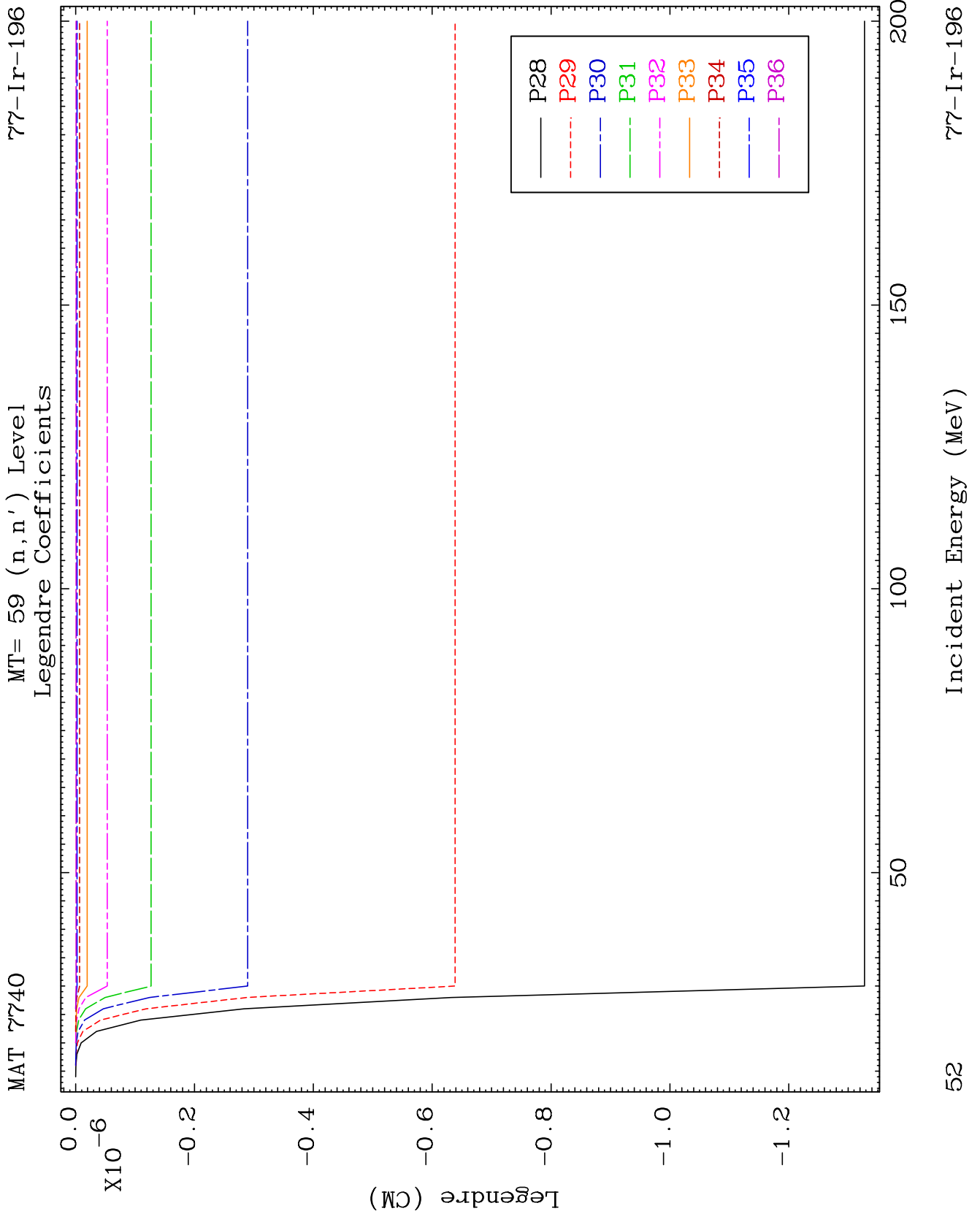
77-Ir-196



51

Incident Energy (MeV)

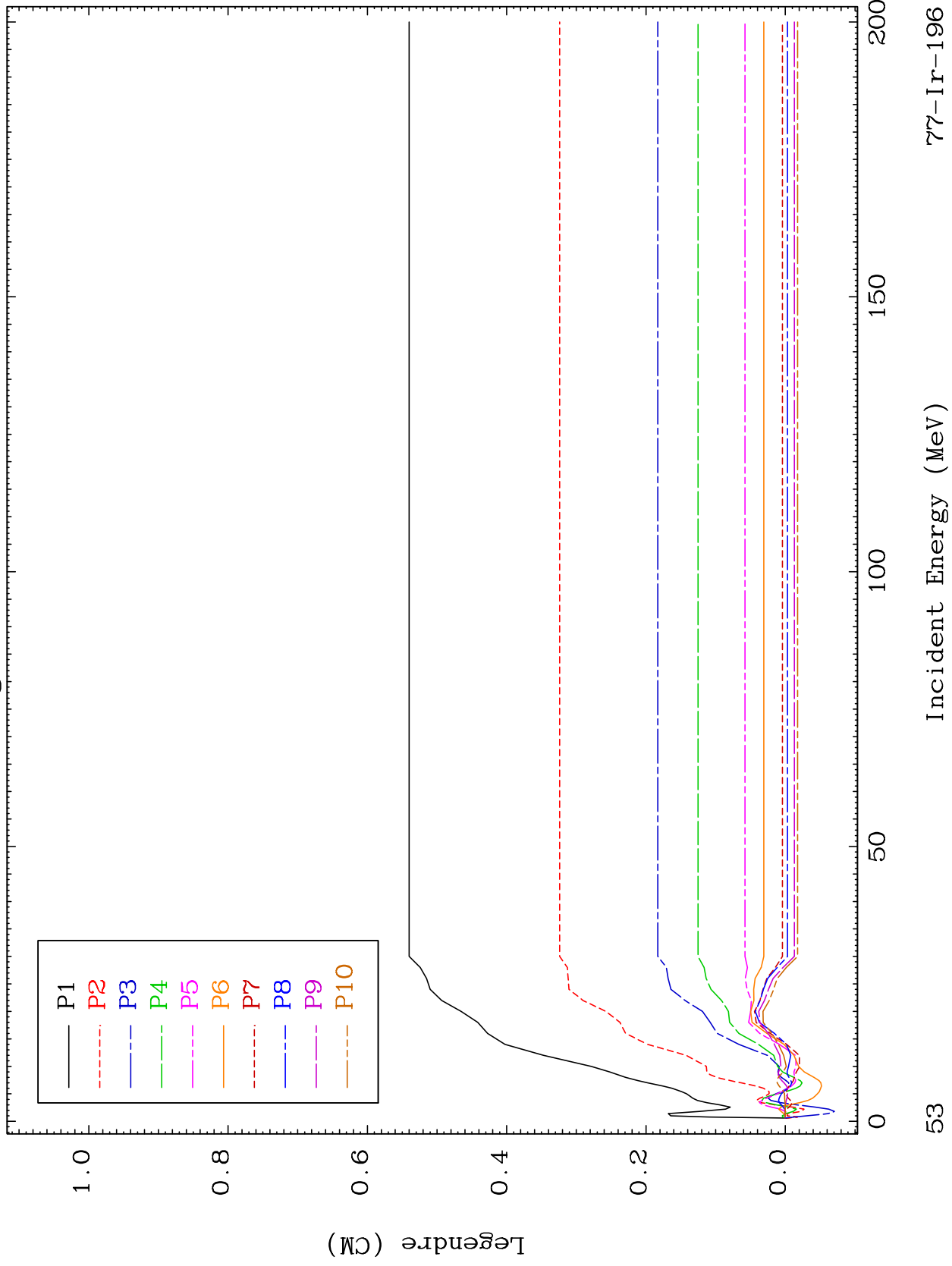
77-Ir-196



MAT 7740

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

77-Ir-196

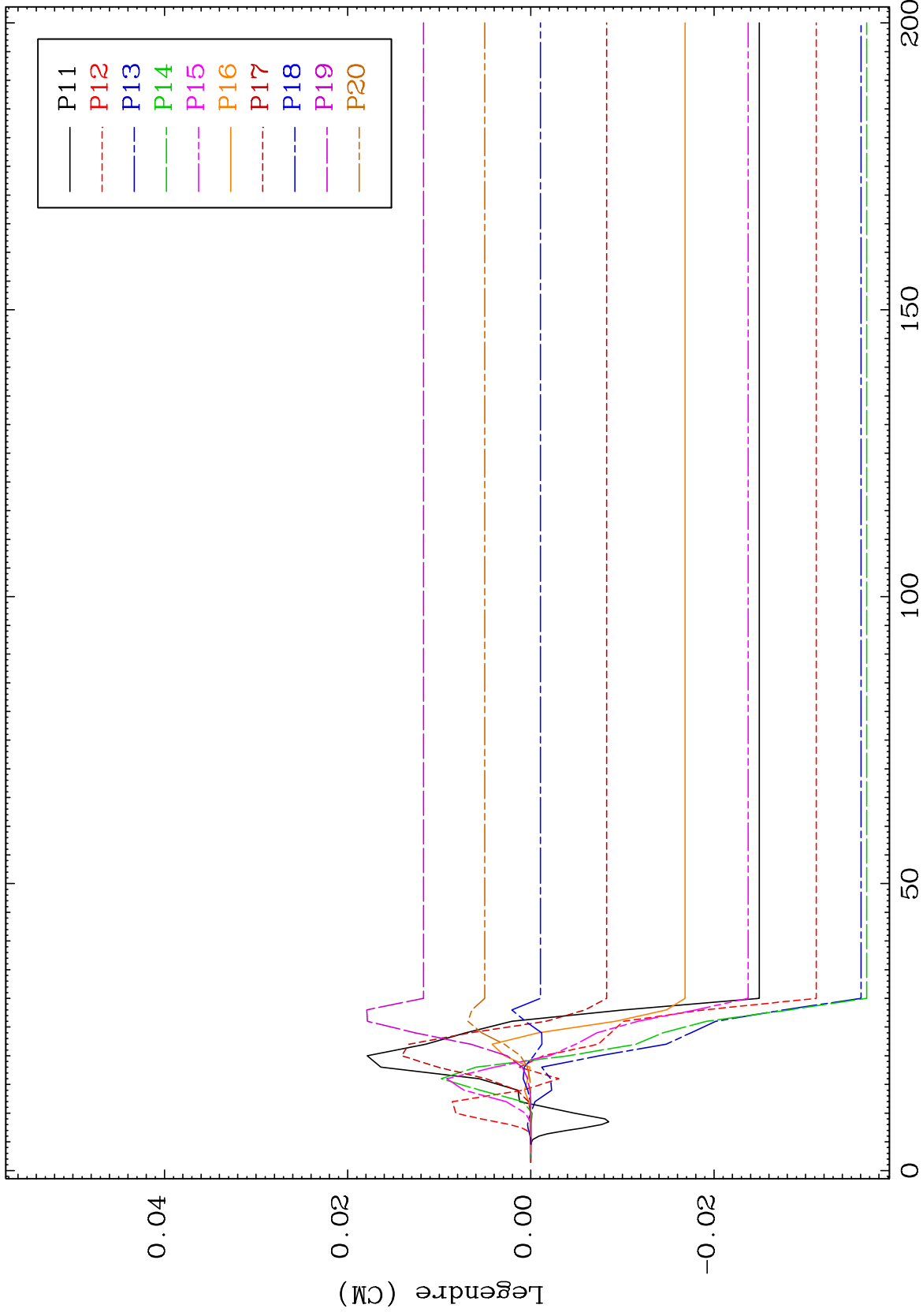


53

MAT 7740

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

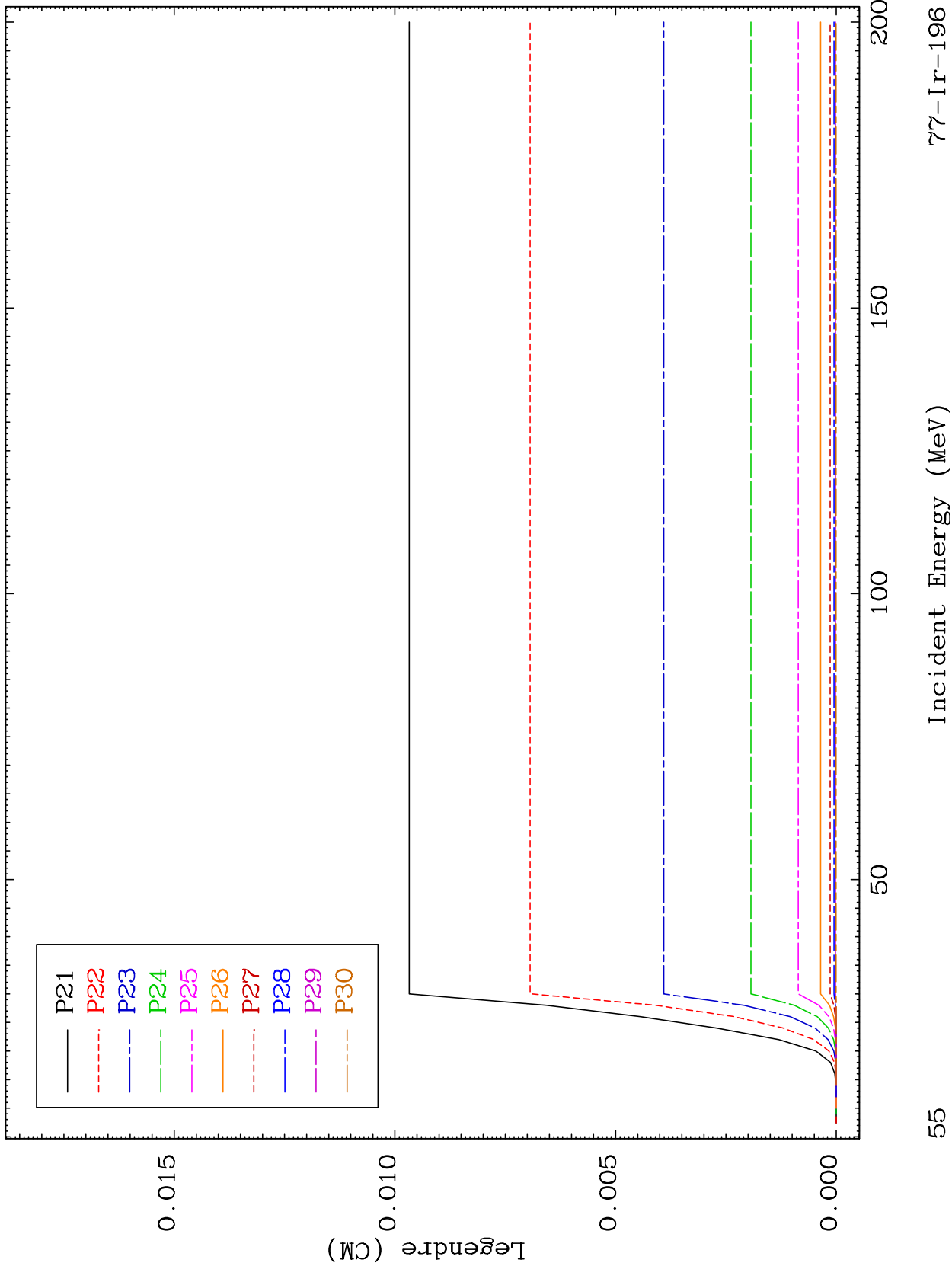
77-Ir-196



MAT 7740

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

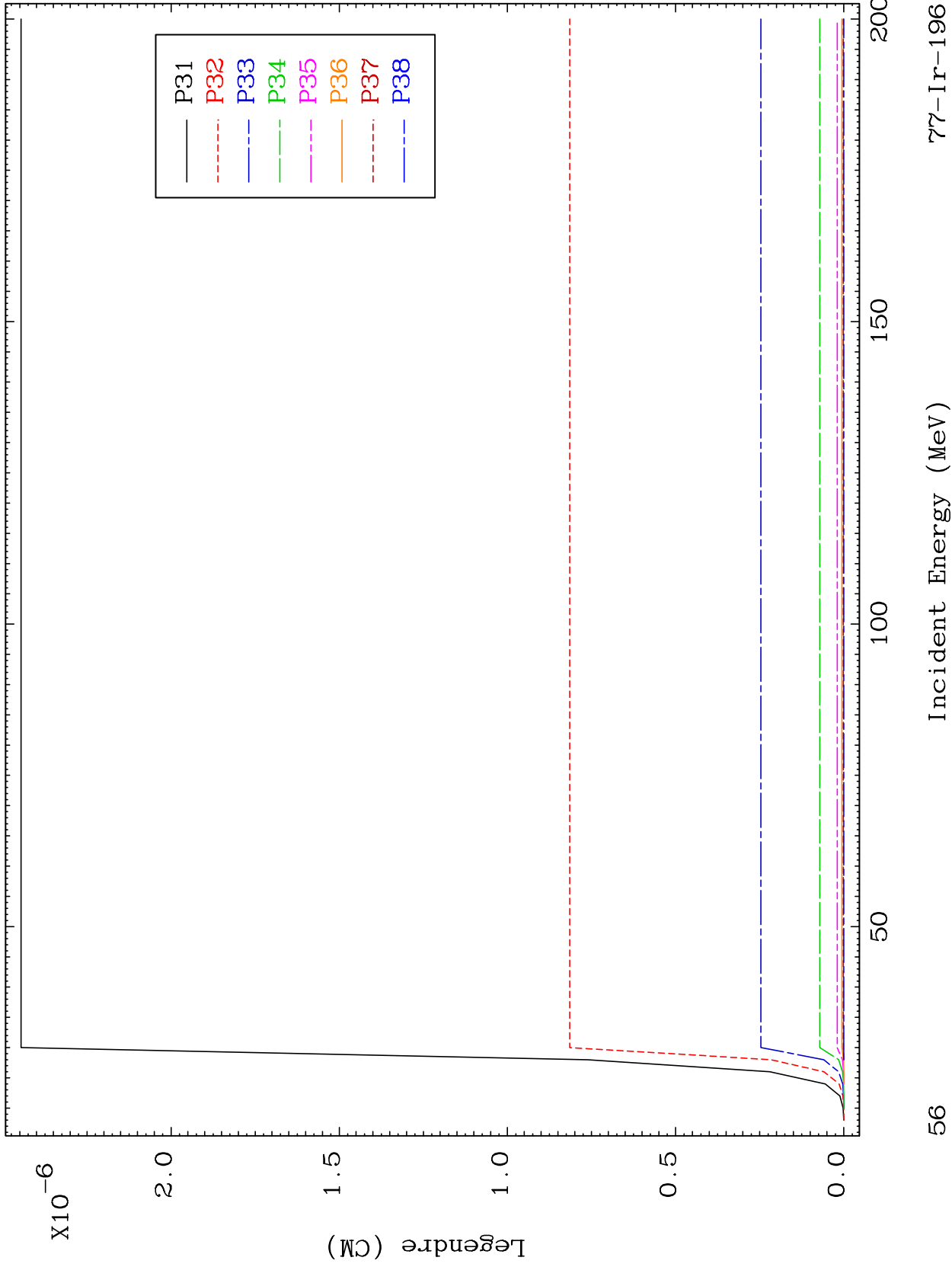
77-Ir-196



55

Incident Energy (MeV)

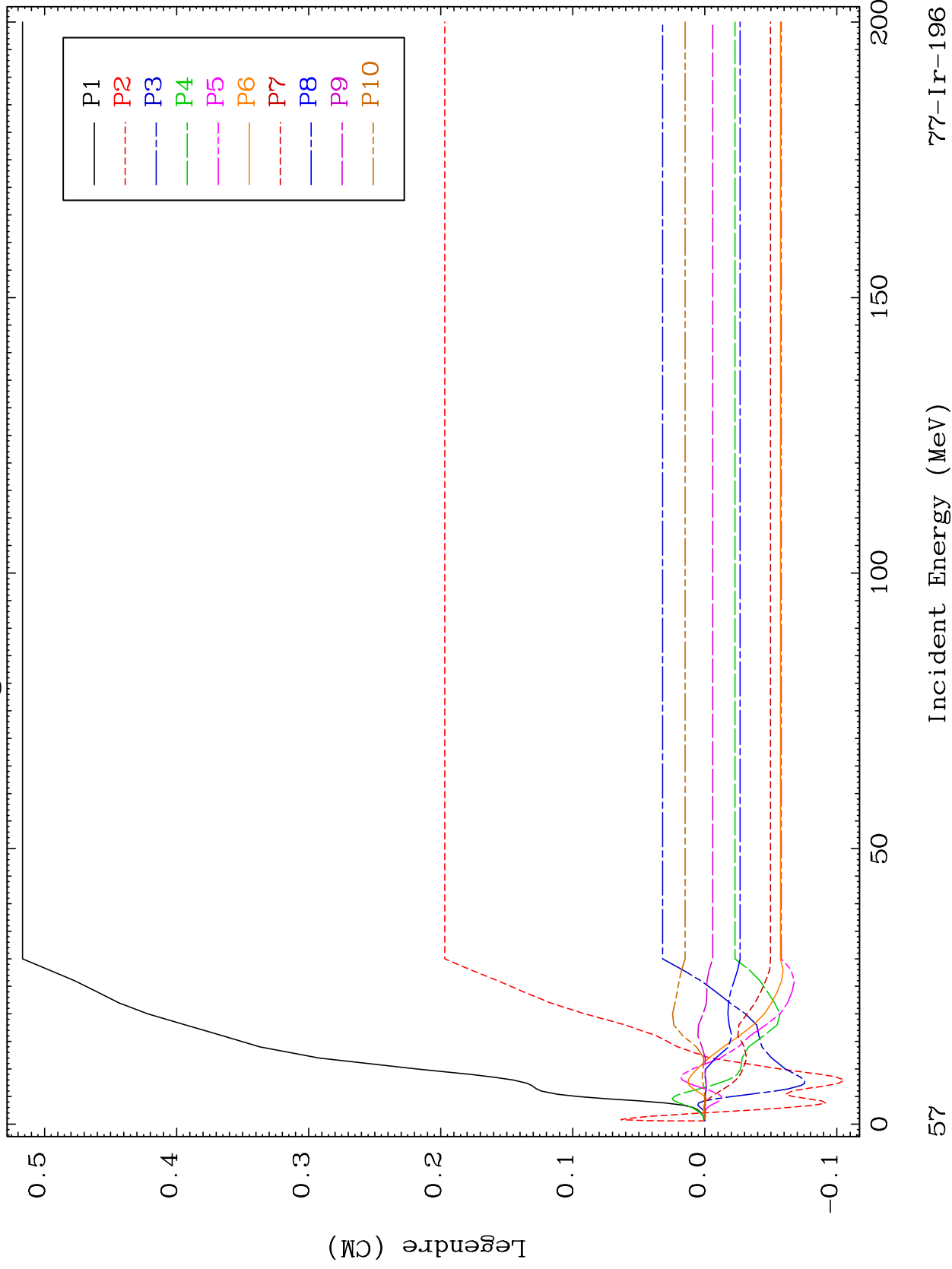
77-Ir-196



MAT 7740

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

77-Ir-196



57

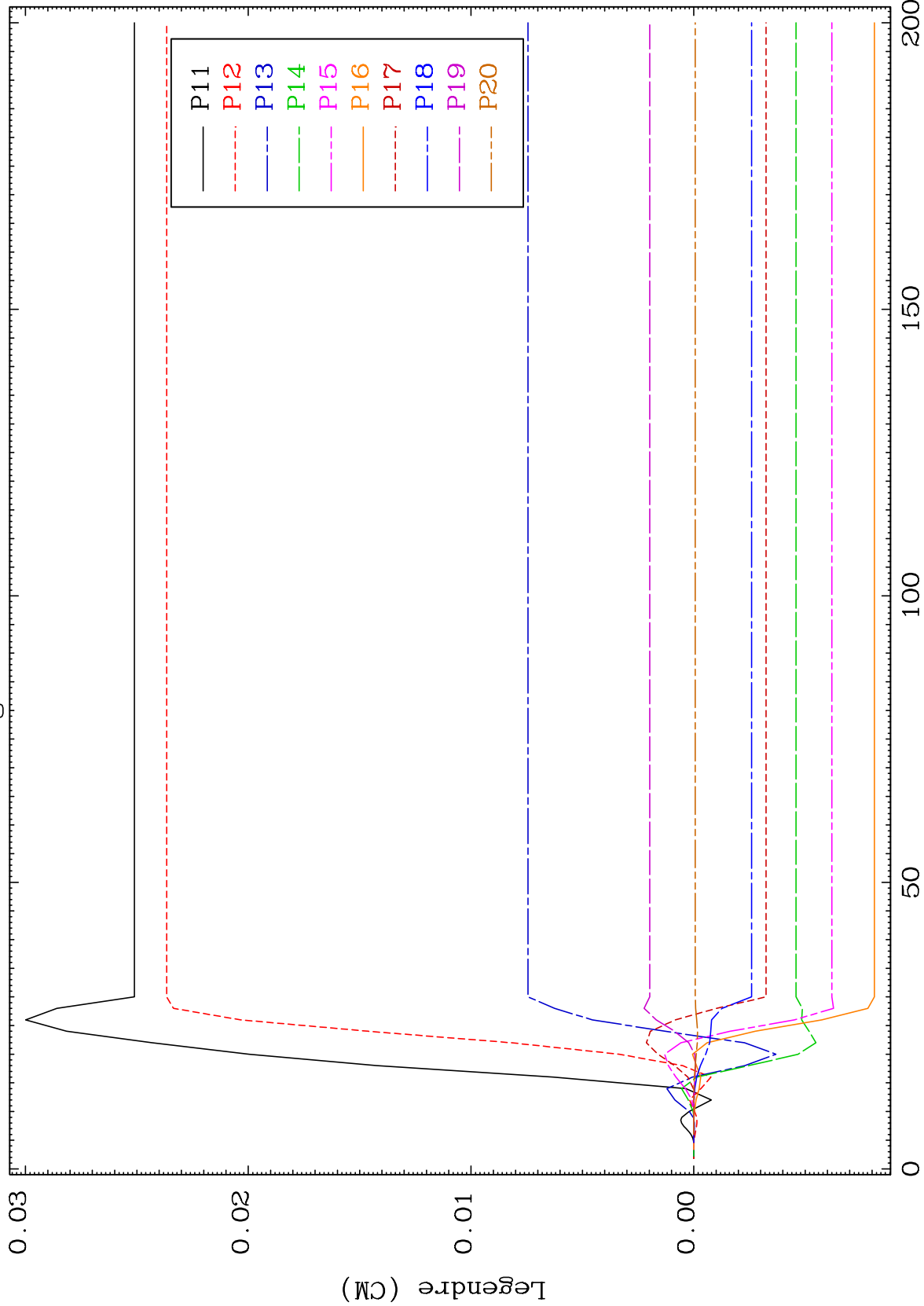
Incident Energy (MeV)

77-Ir-196

MAT 7740

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

77-Ir-196



58

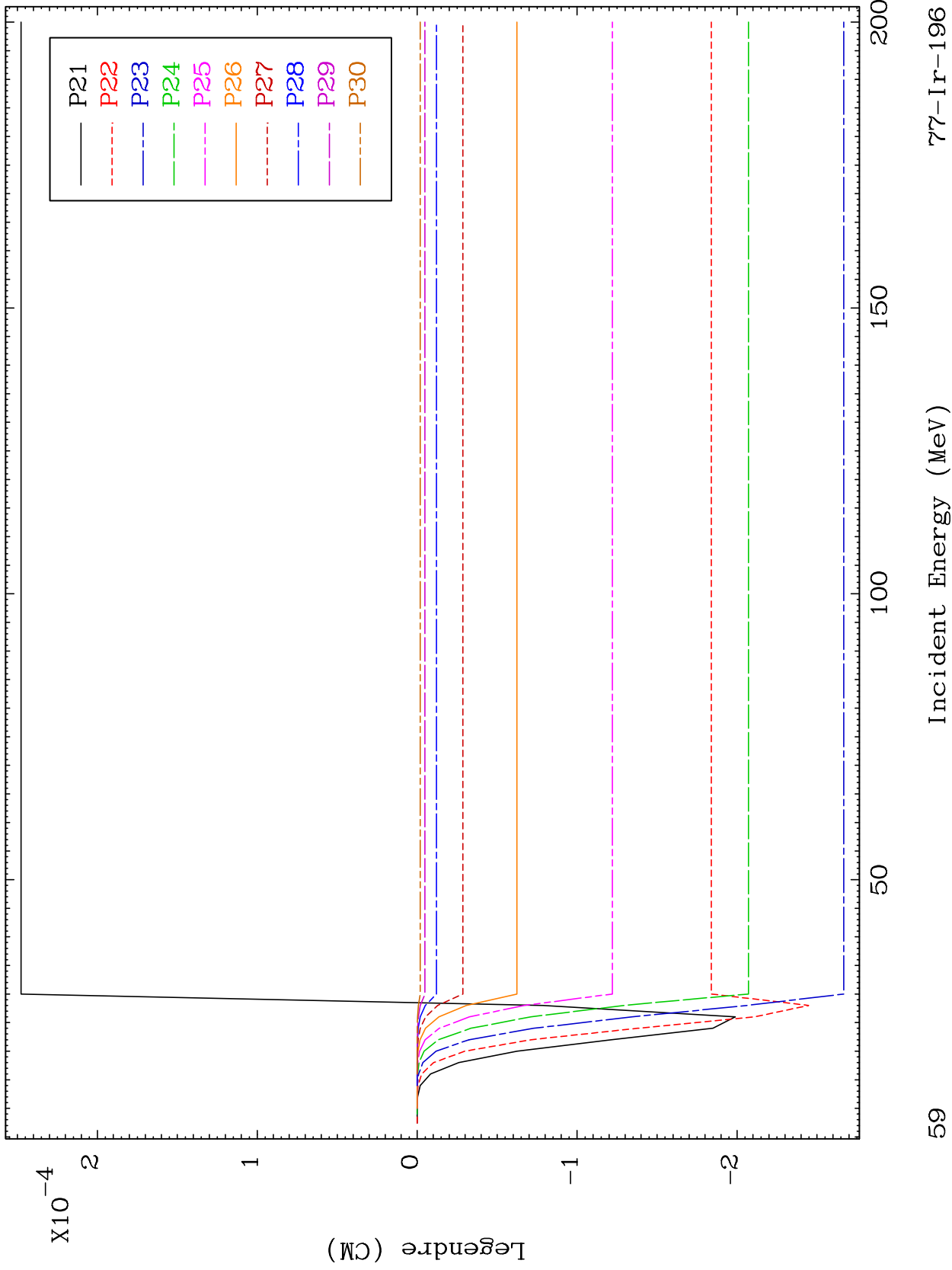
Incident Energy (MeV)

77-Ir-196

MAT 7740

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

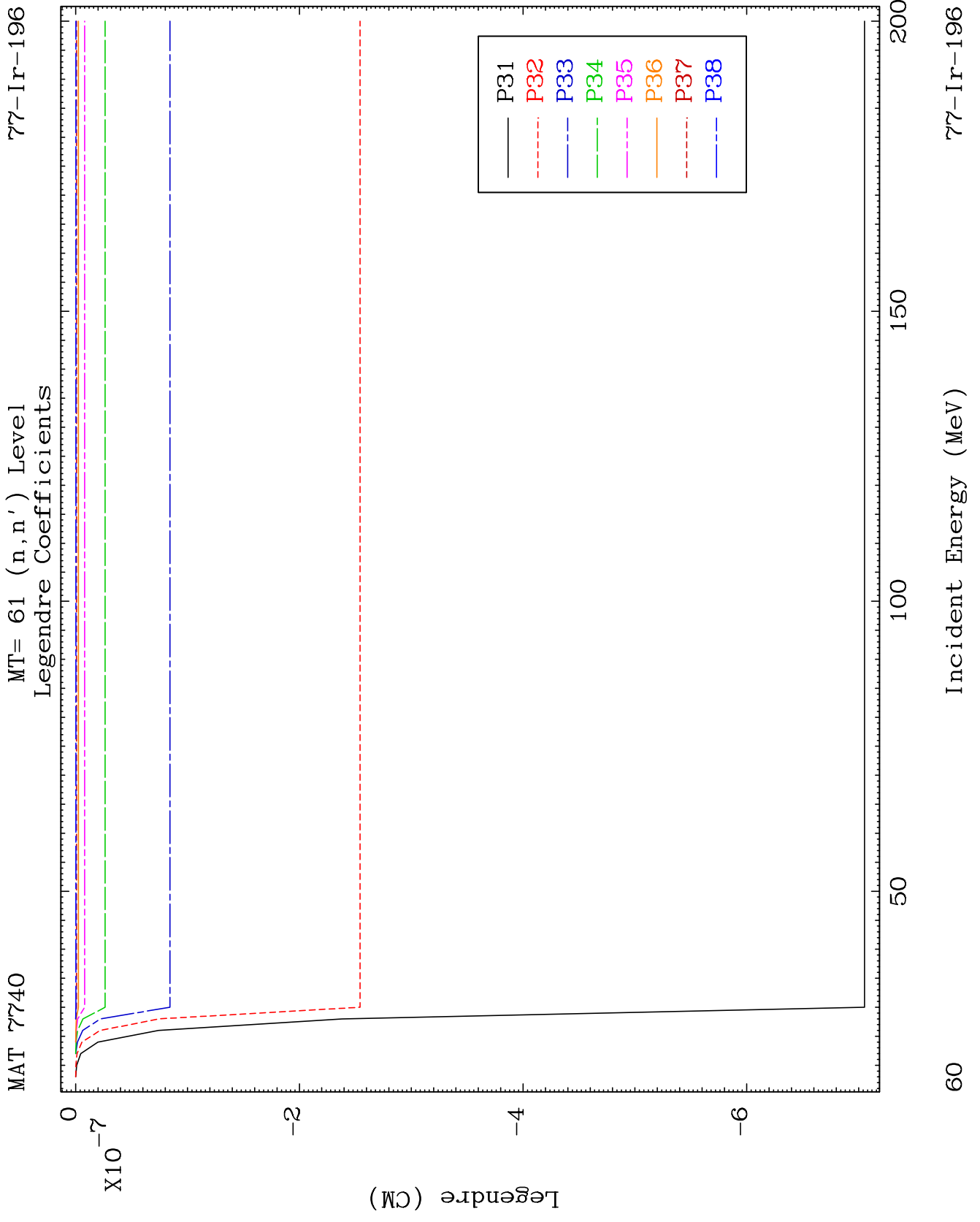
77-Ir-196



59

Incident Energy (MeV)

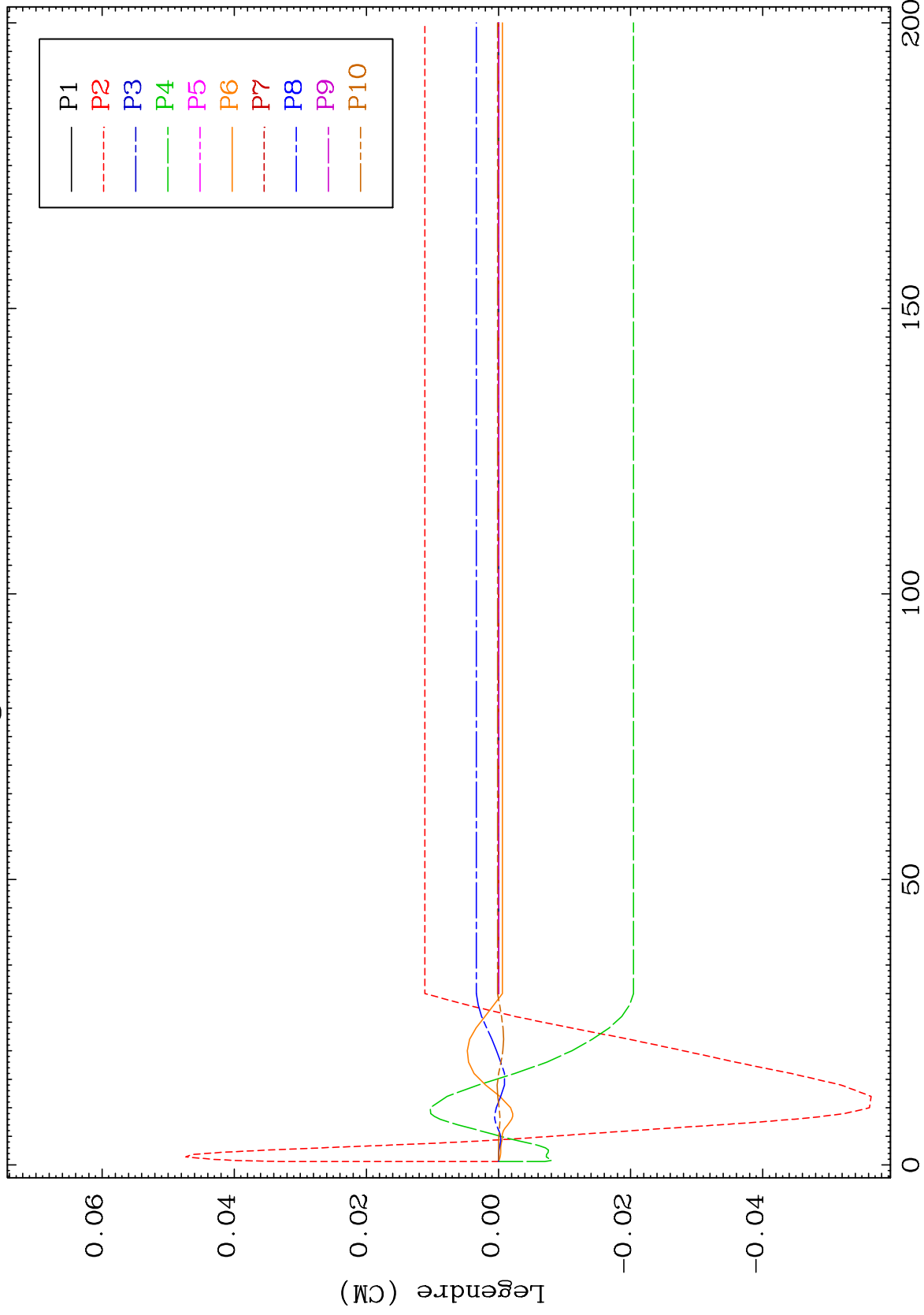
77-Ir-196



MAT 7740

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

77-Ir-196



61

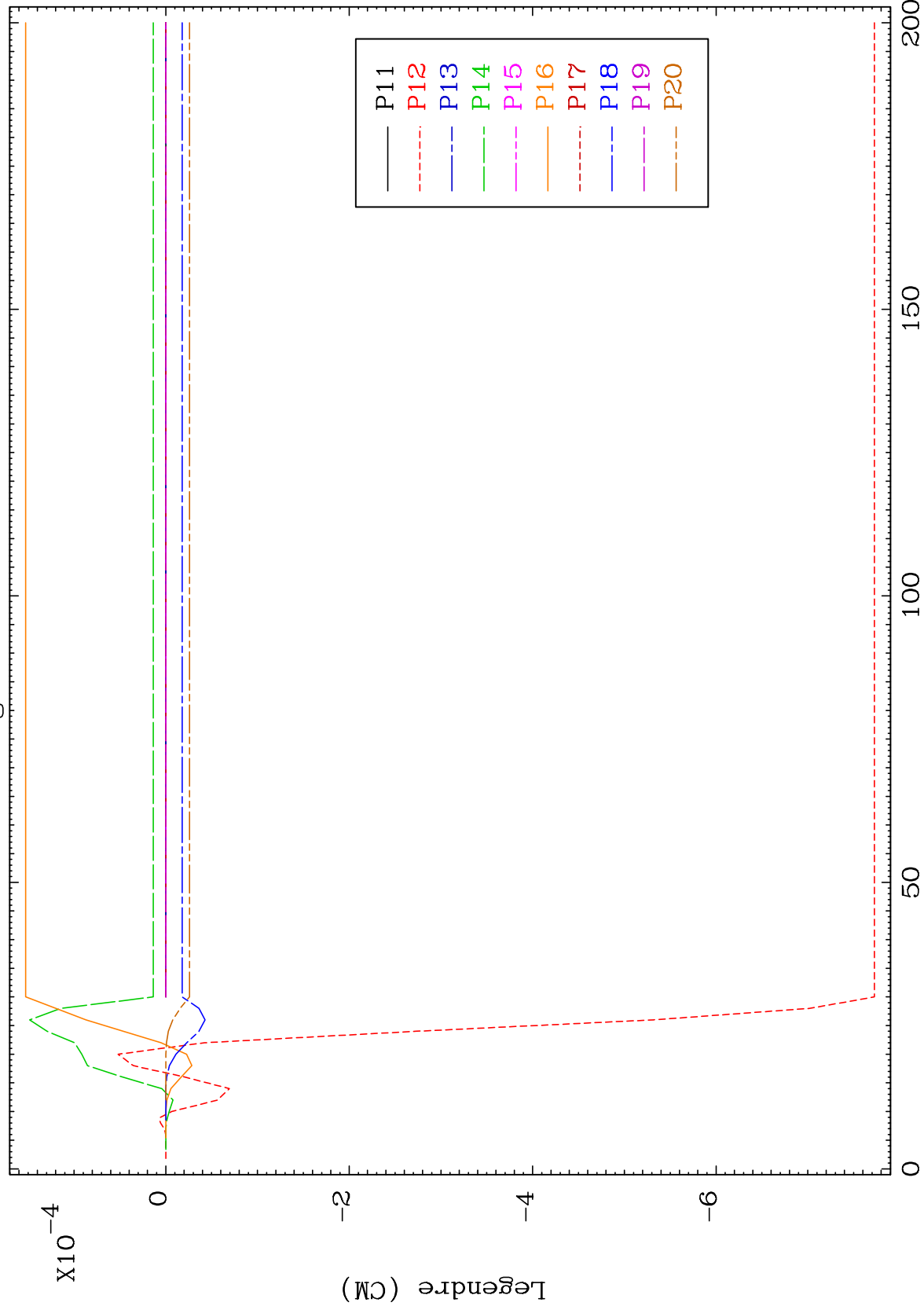
Incident Energy (MeV)

77-Ir-196

MAT 7740

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

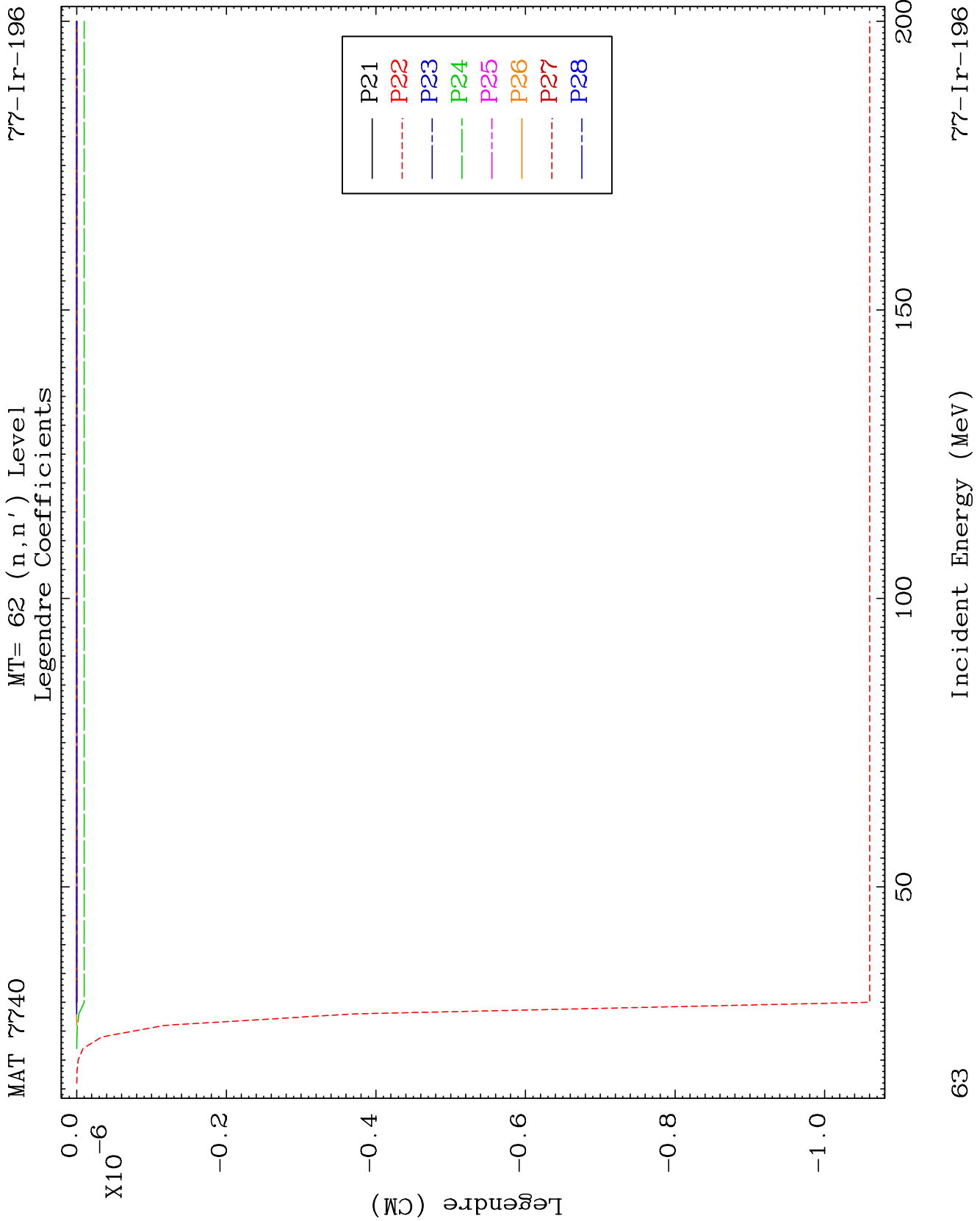
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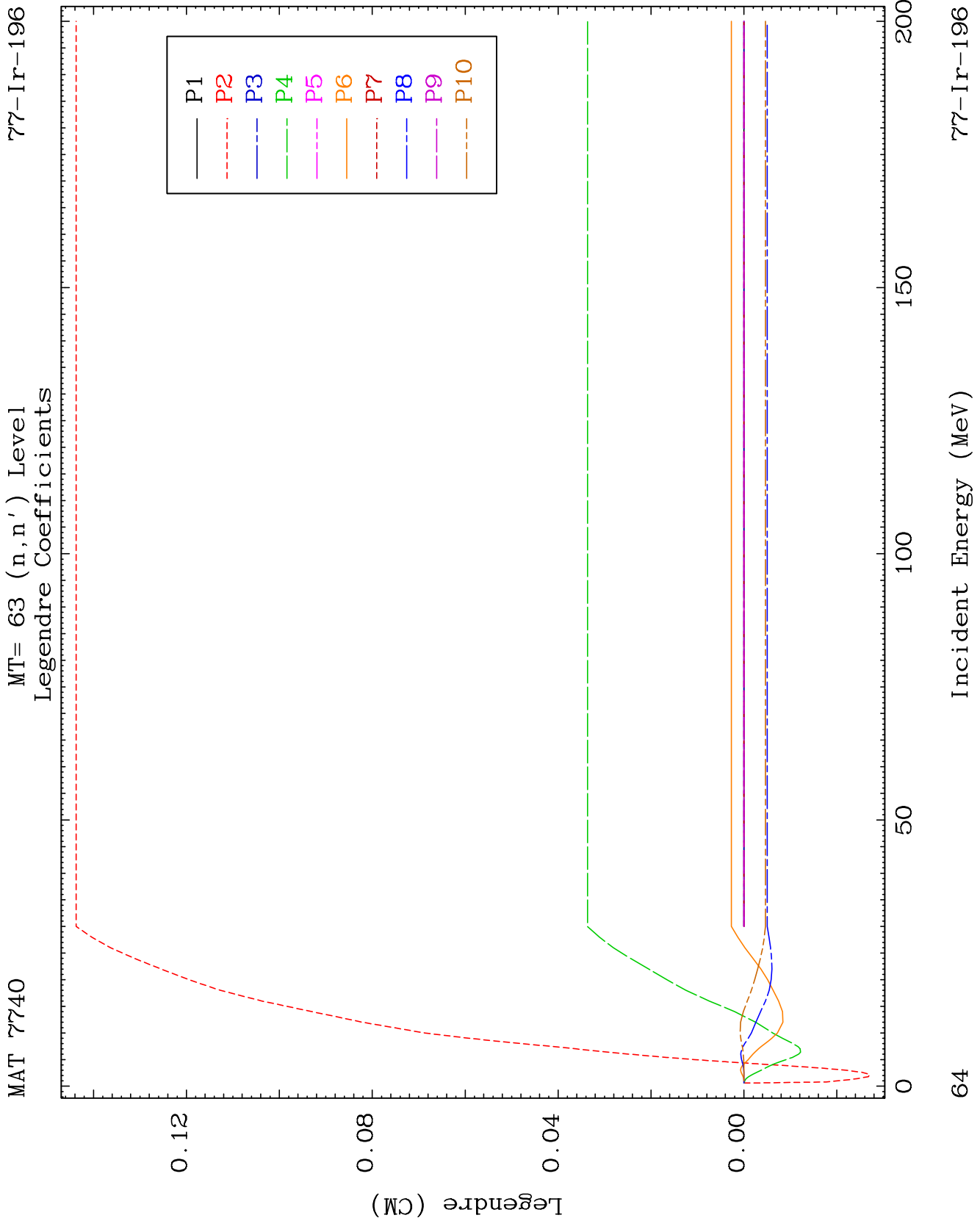


62

Incident Energy (MeV)

77-Ir-196

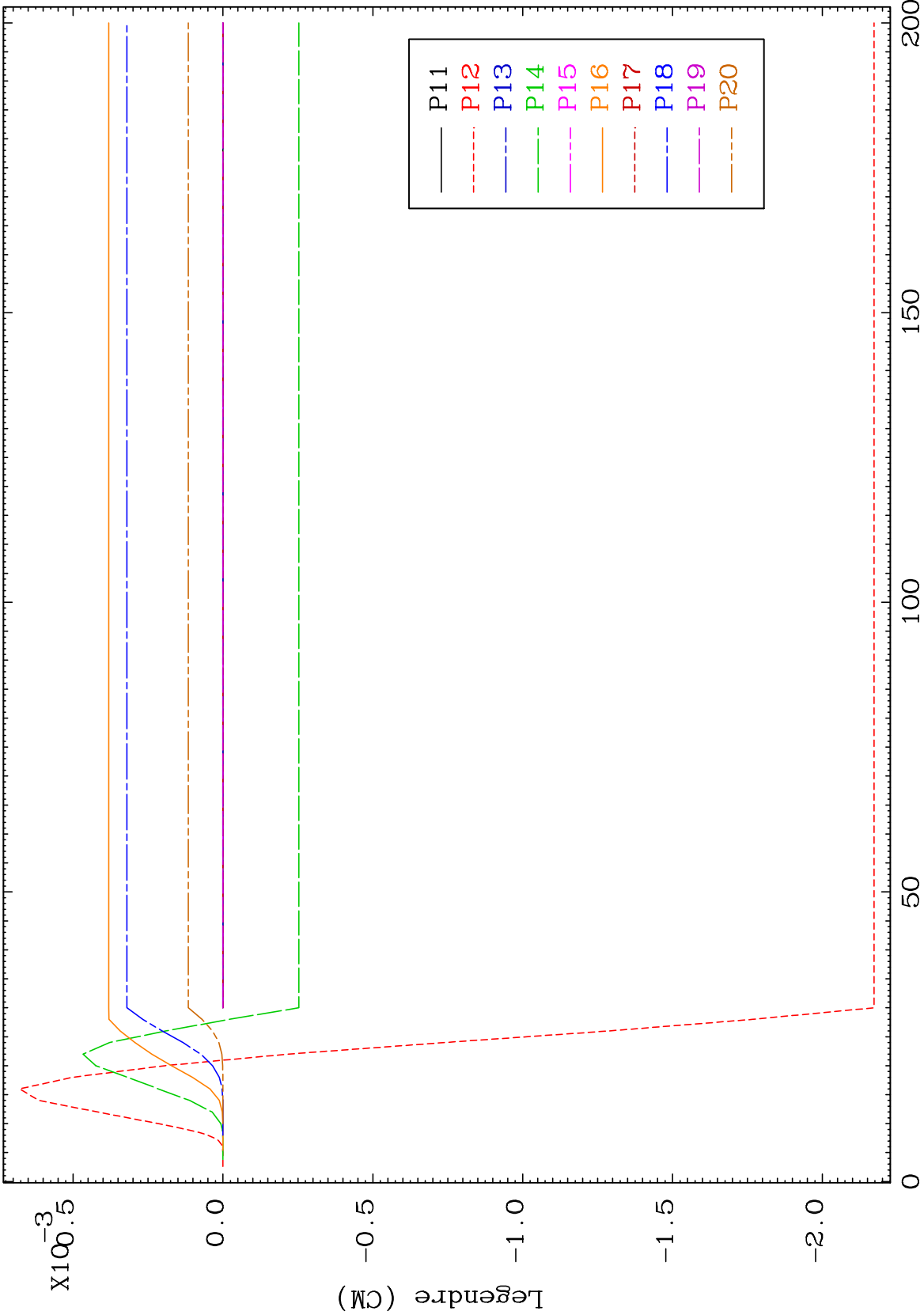




MAT 7740

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

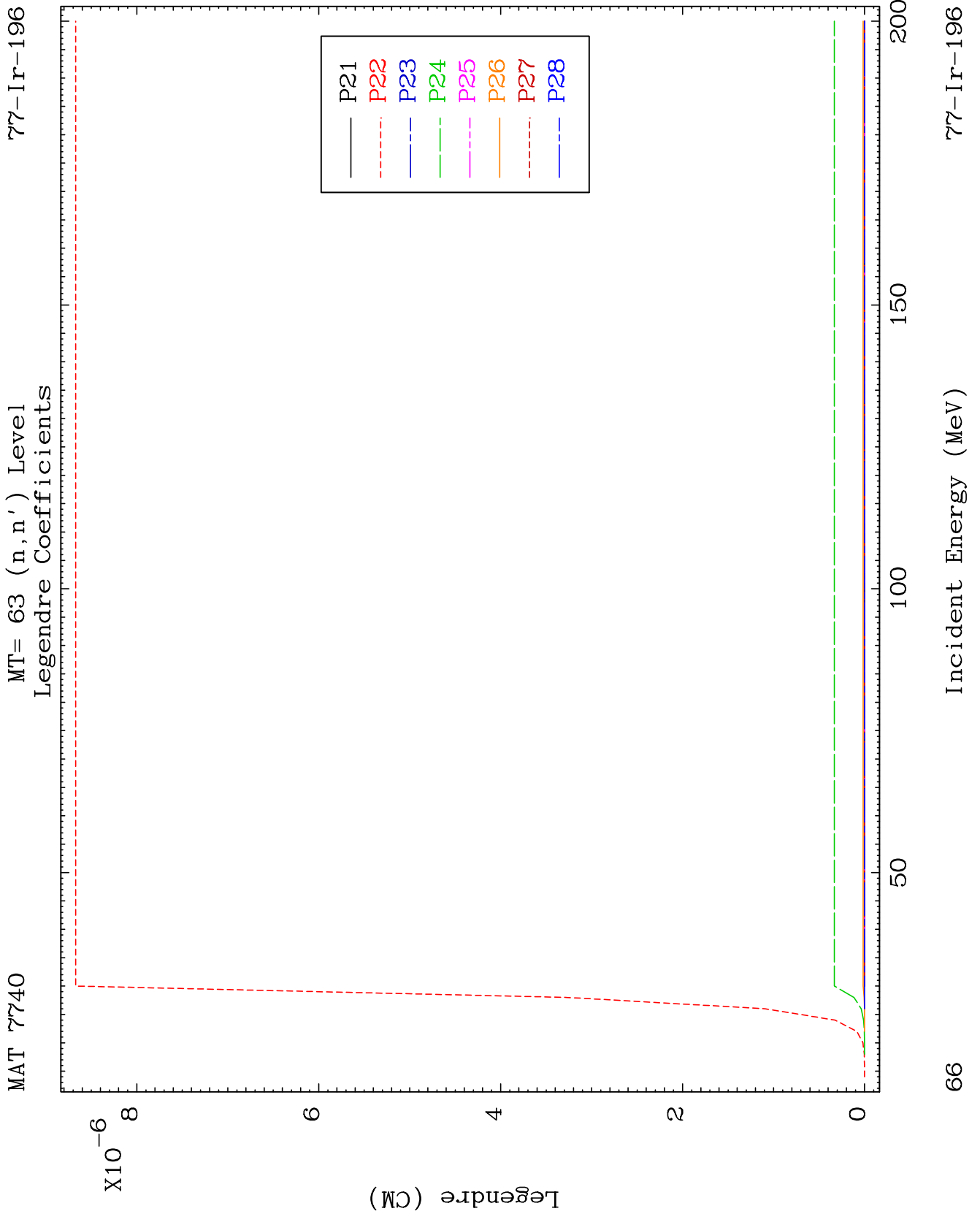
77-Ir-196



65

Incident Energy (MeV)

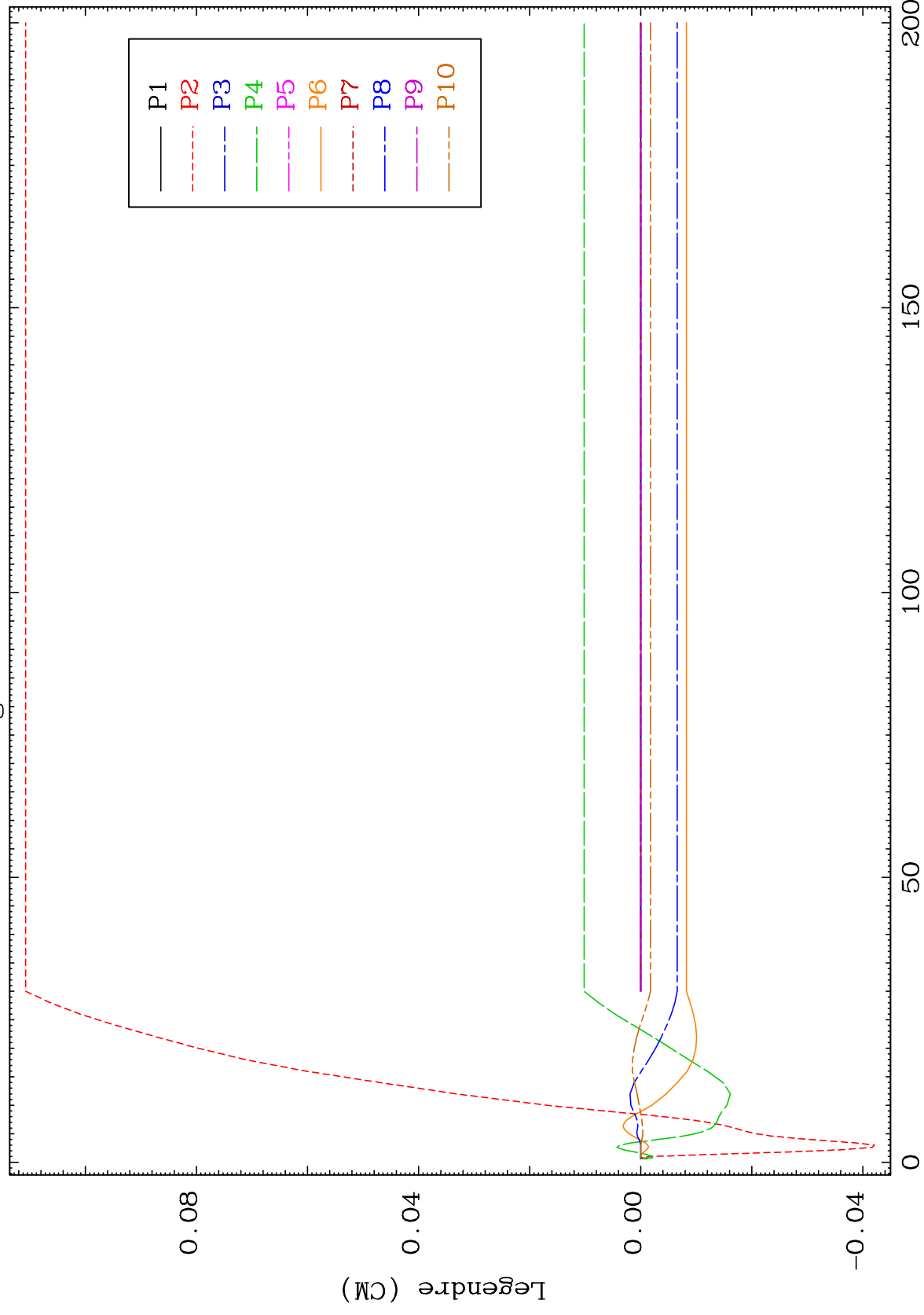
77-Ir-196



MAT 7740

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

77-Ir-196



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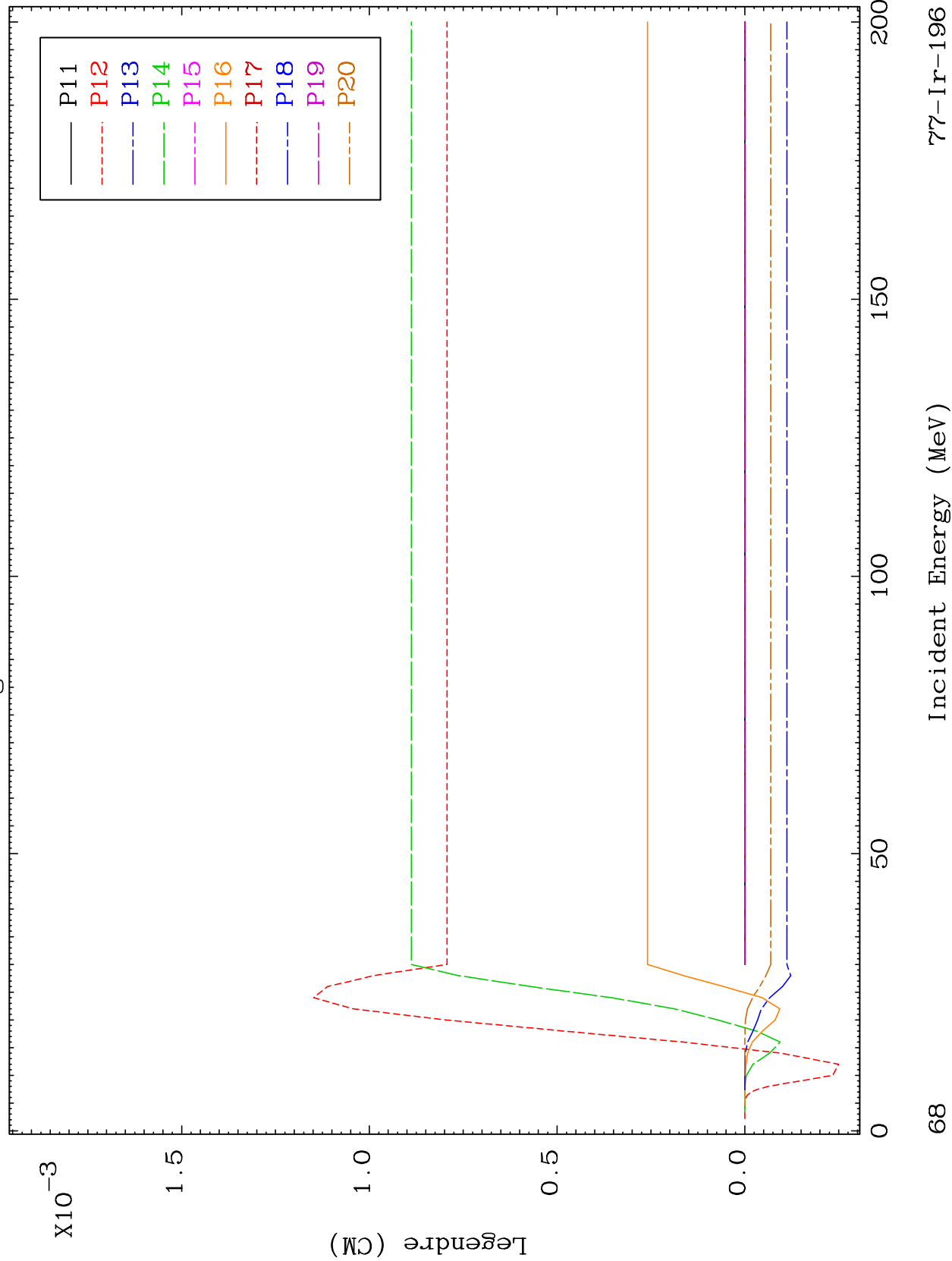
Incident Energy (MeV)

77-Ir-196

MAT 7740

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

77-Ir-196



68

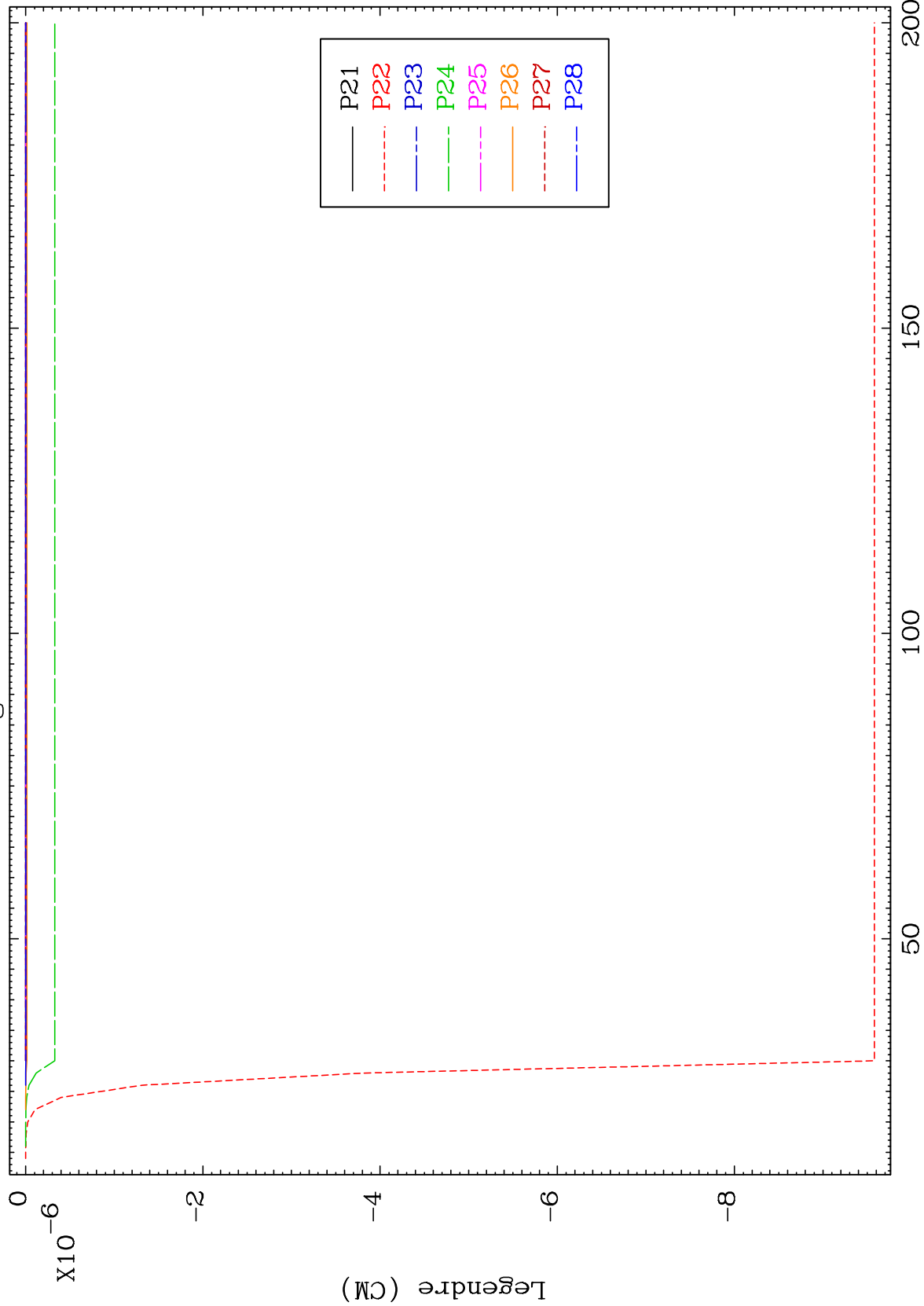
Incident Energy (MeV)

77-Ir-196

MAT 7740

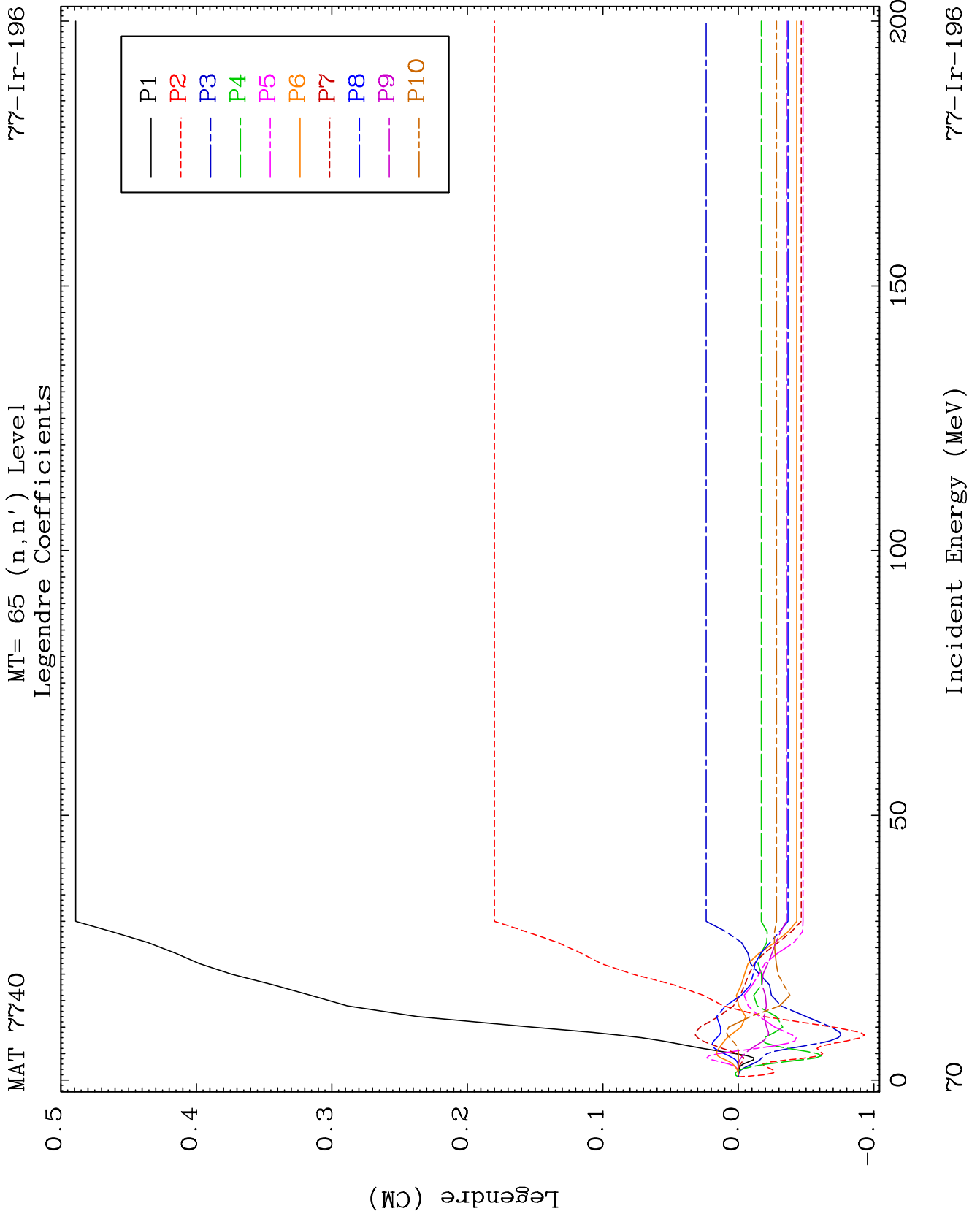
MT= 64 (n,n') Level
Legendre Coefficients

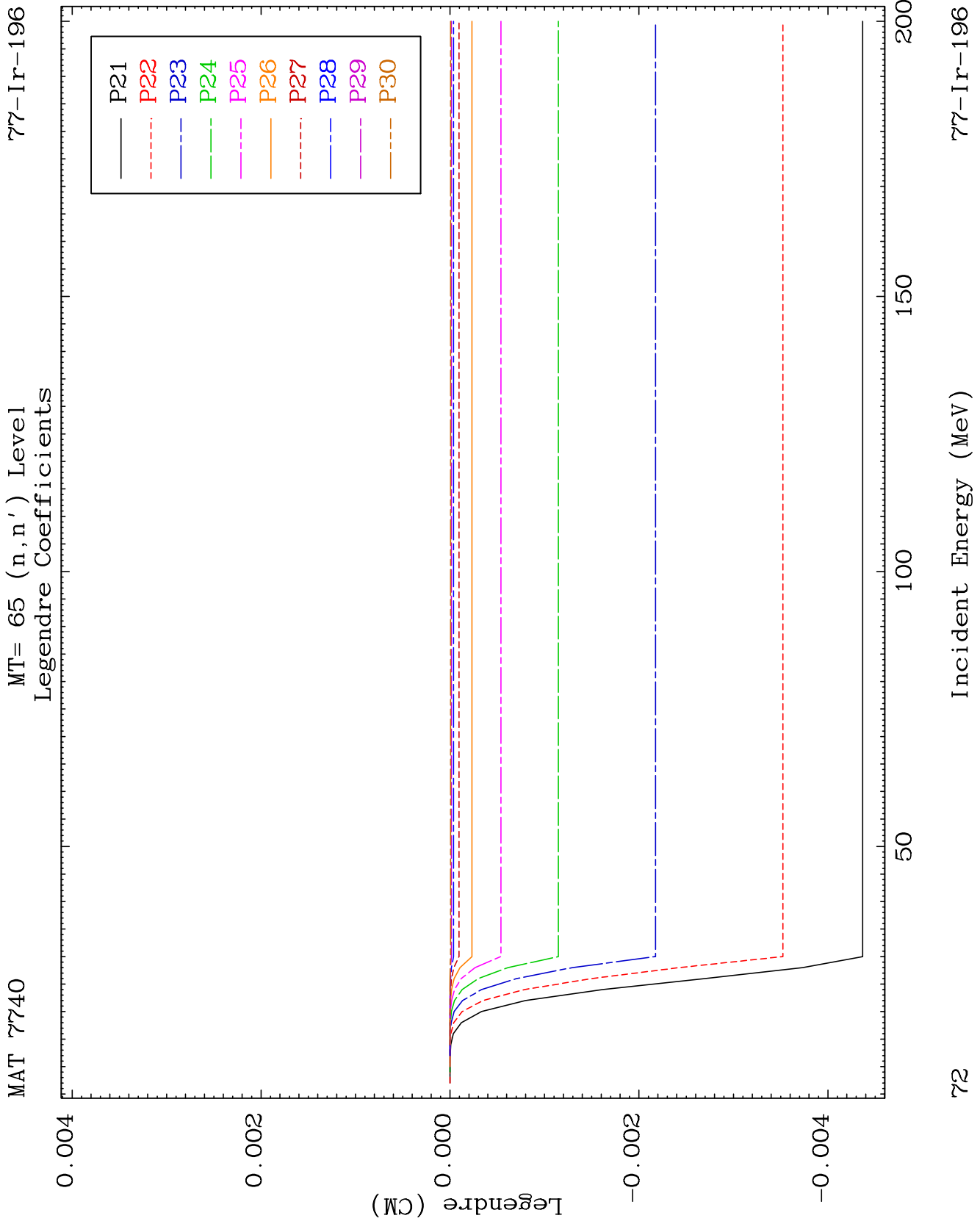
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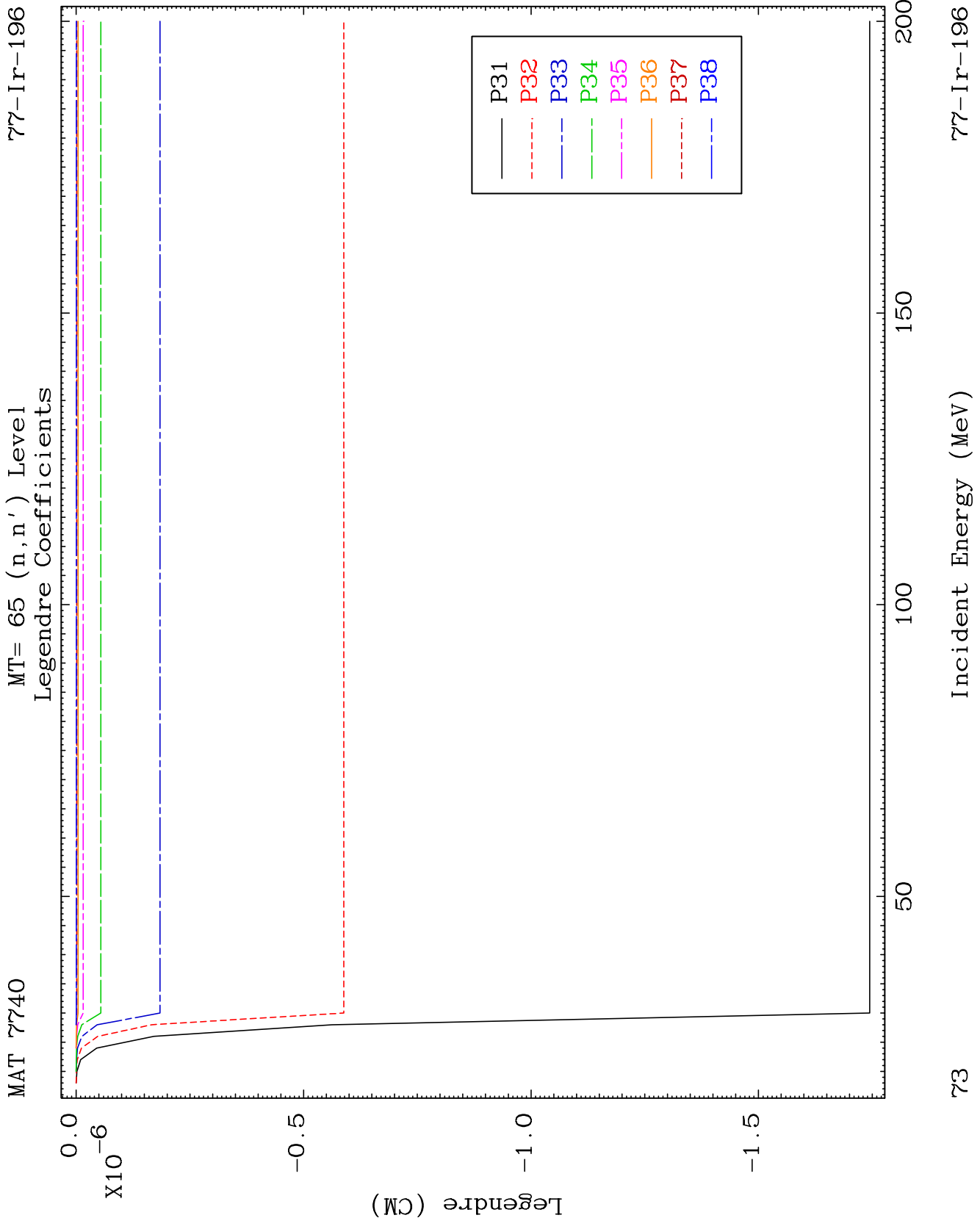


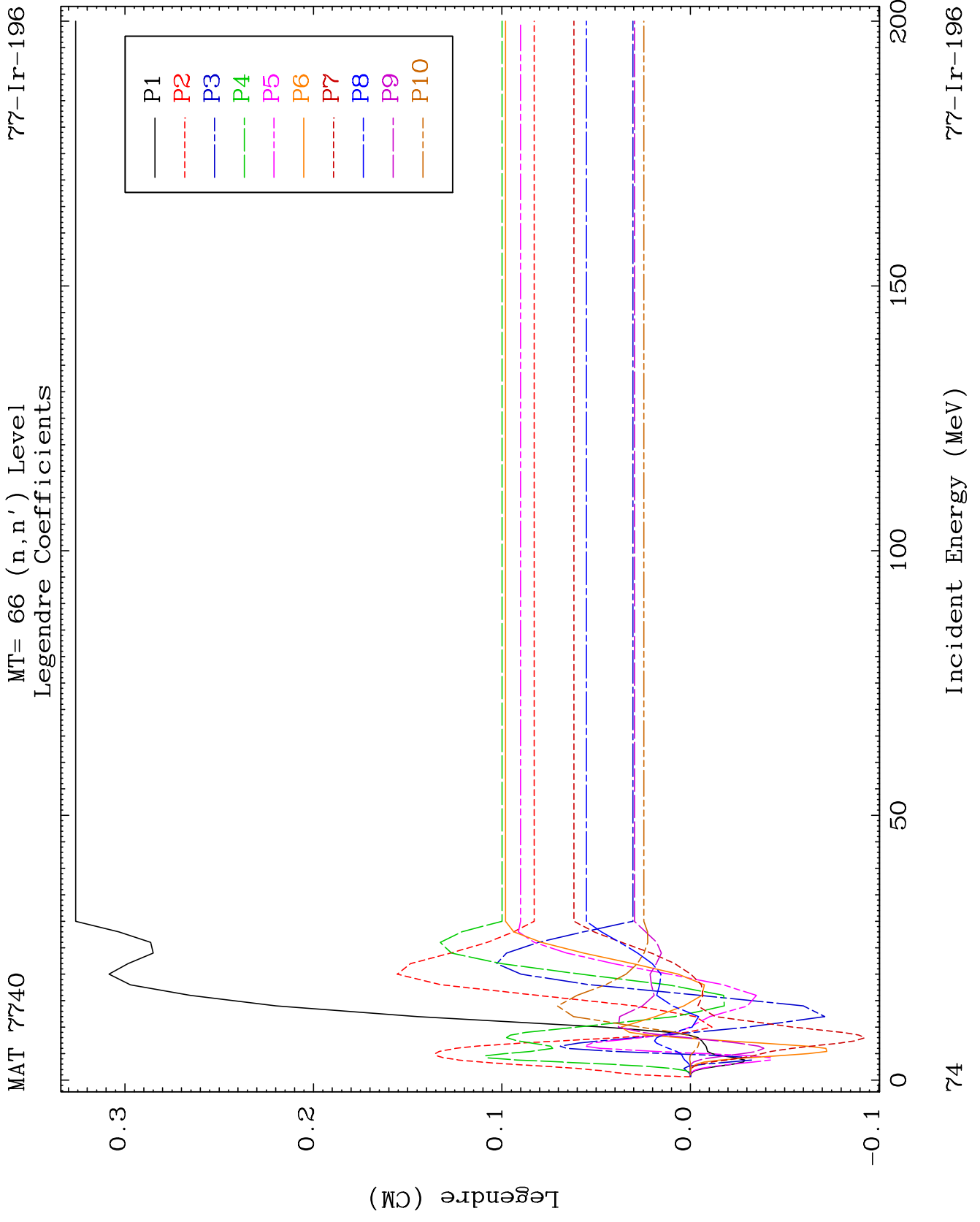
69

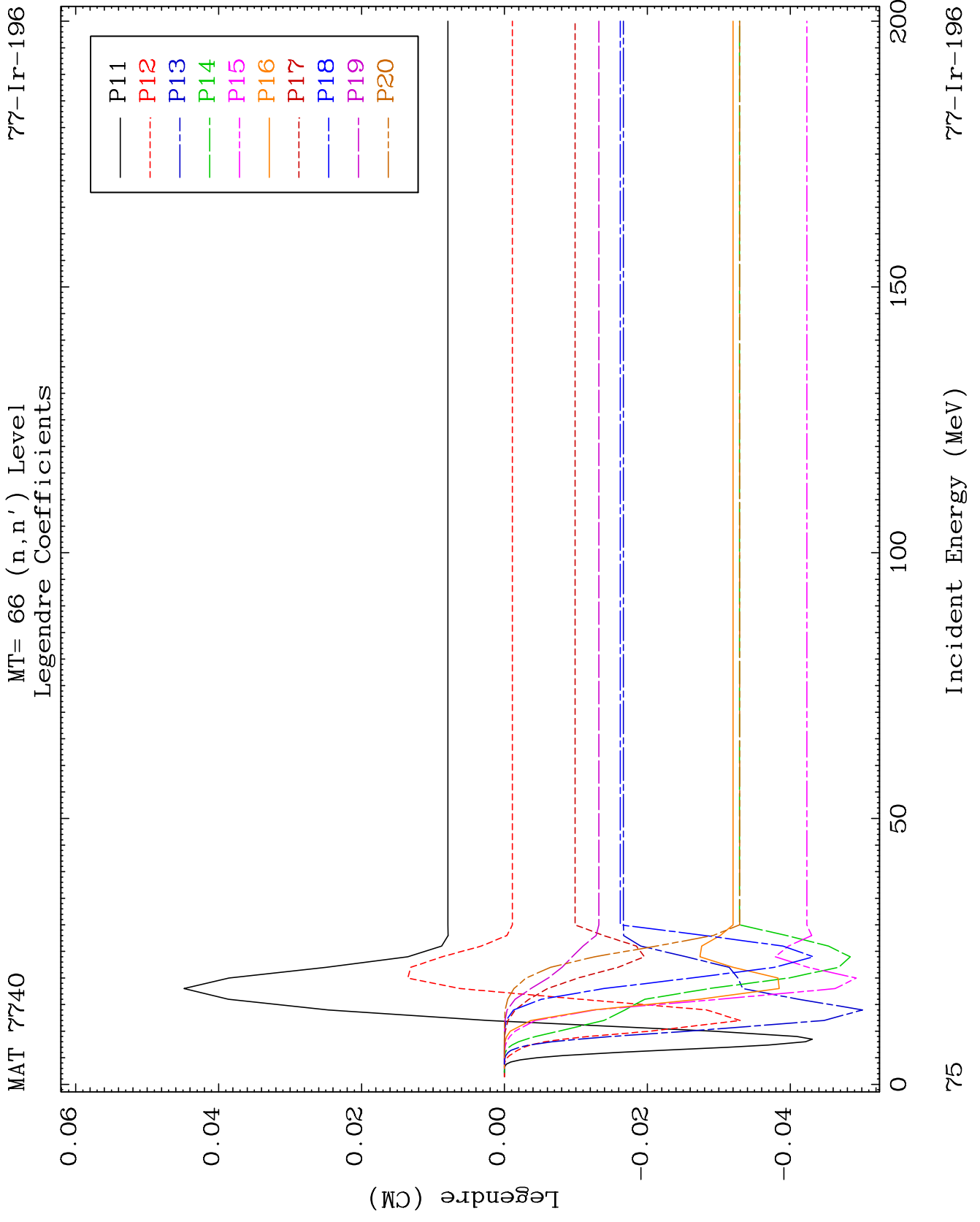
77-Ir-196







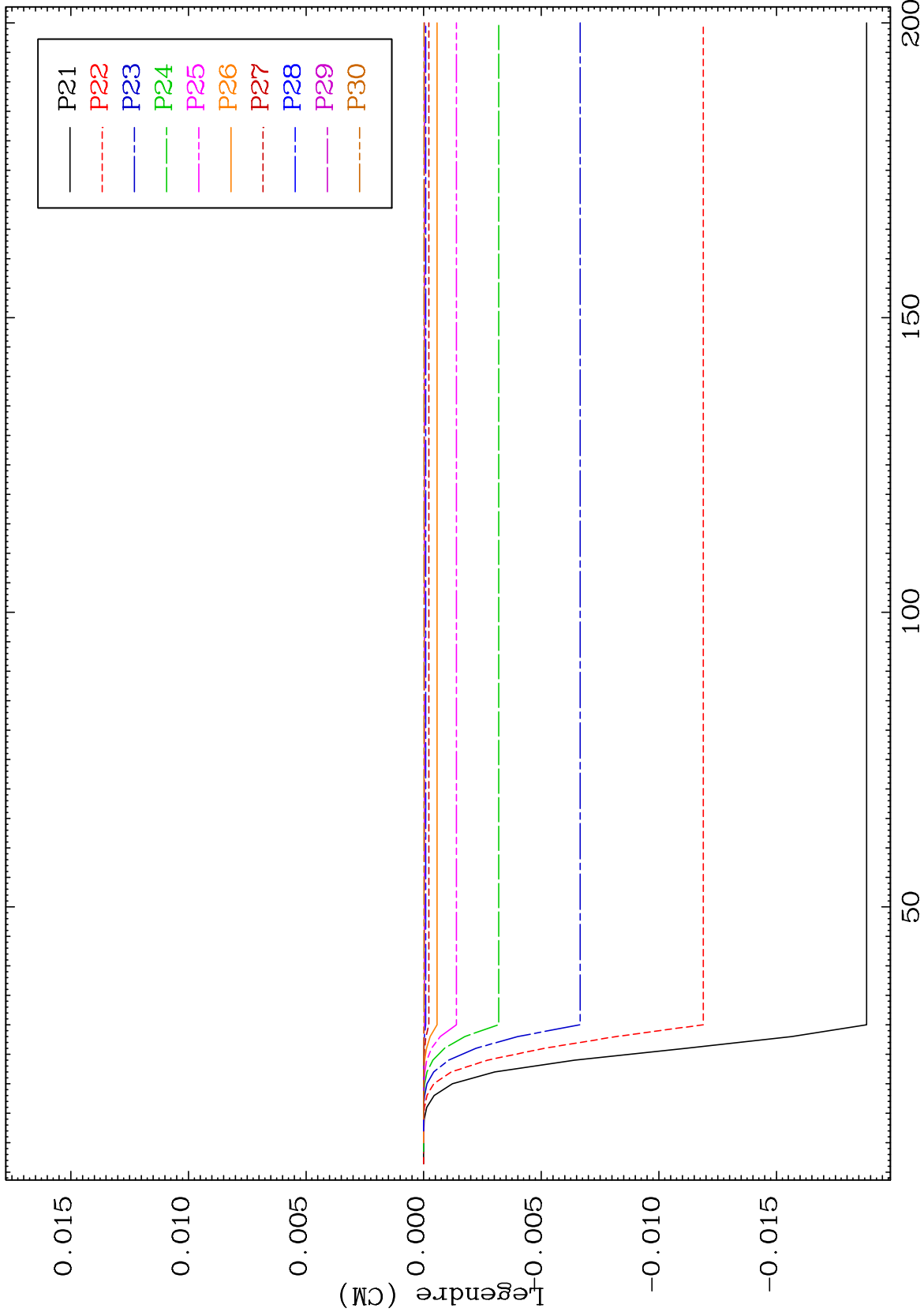




MAT 7740

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

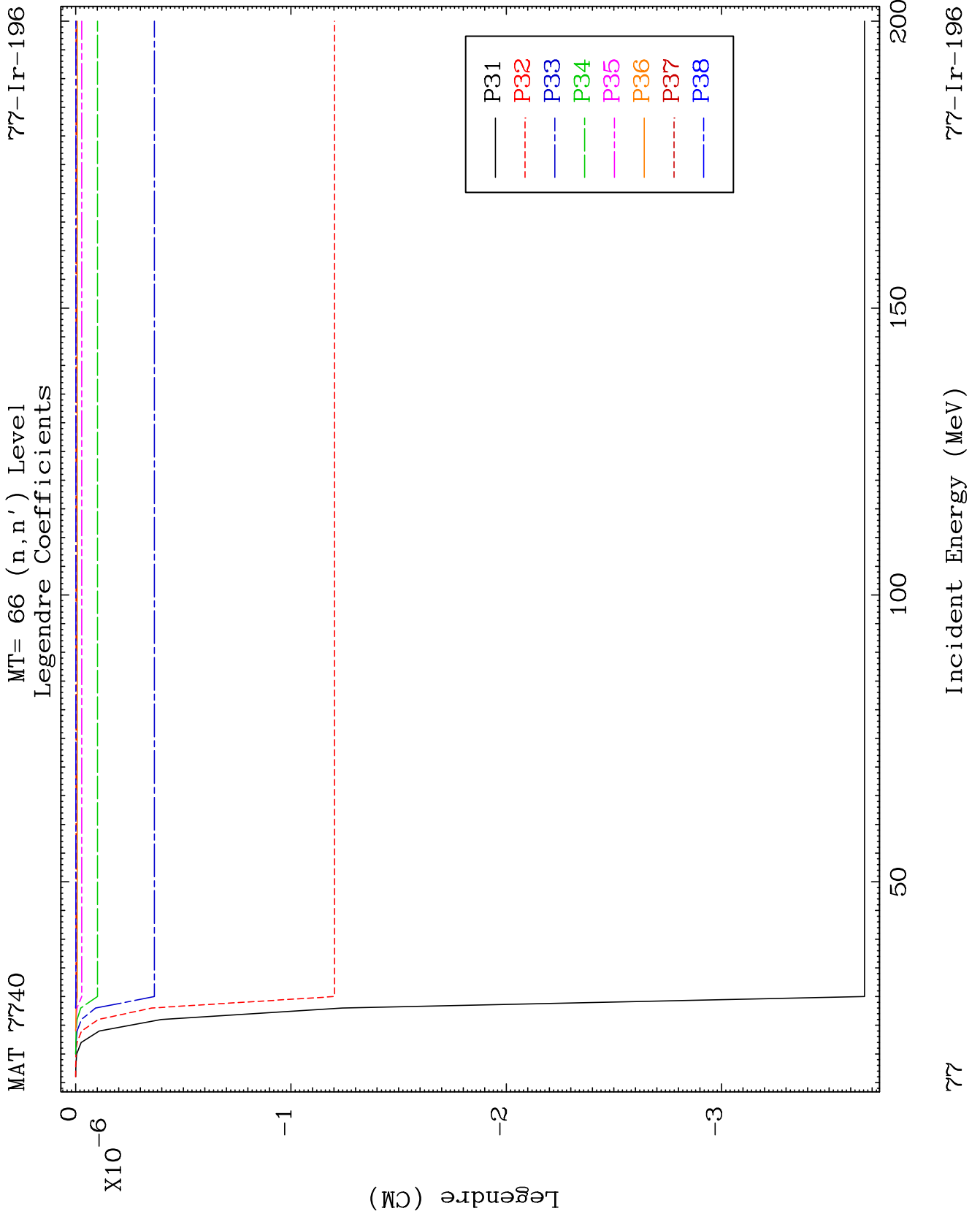
77-Ir-196



76

Incident Energy (MeV)

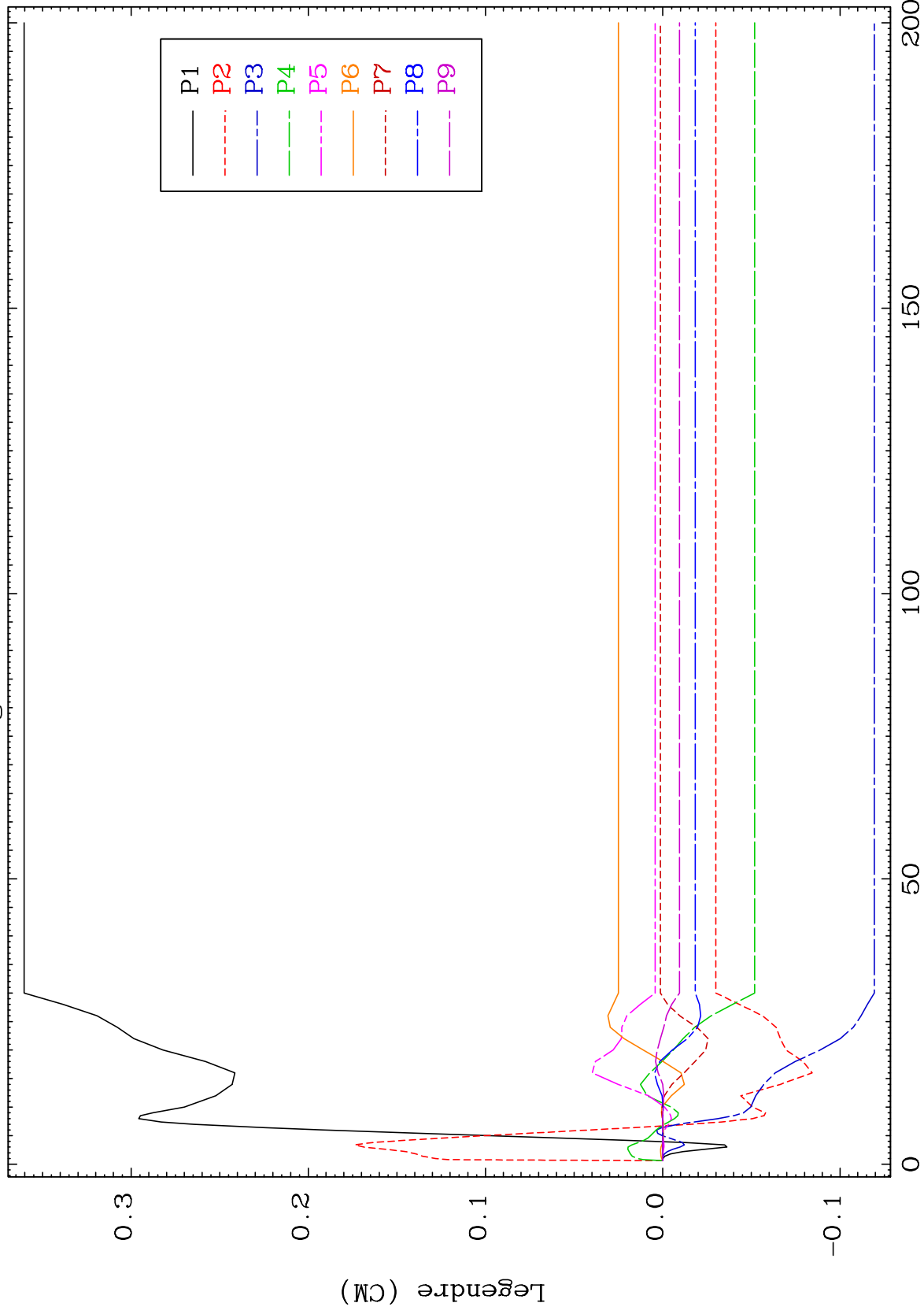
77-Ir-196



MAT 7740

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

77-Ir-196



78

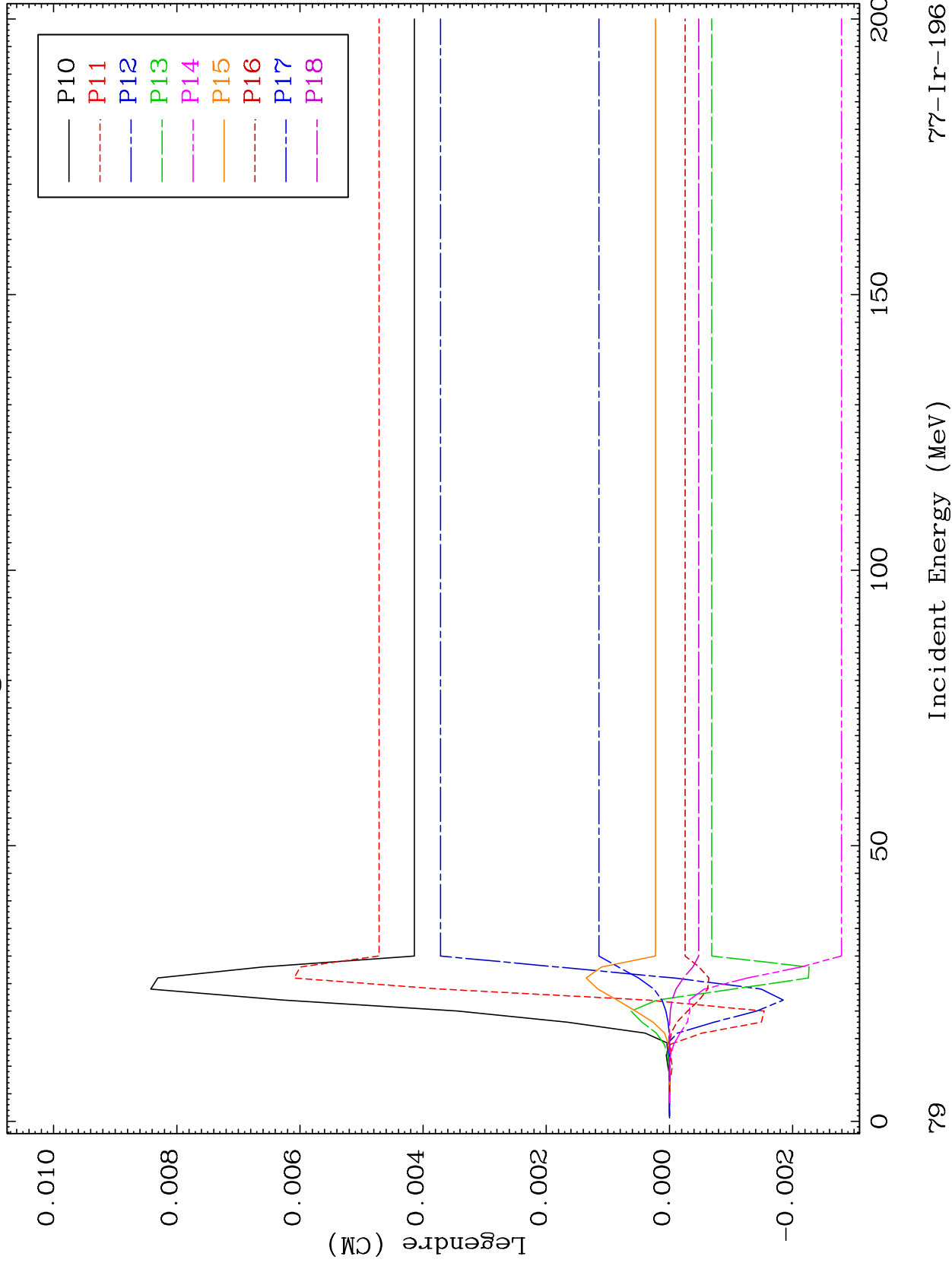
Incident Energy (MeV)

77-Ir-196

MAT 7740

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

77-Ir-196



77-Ir-196

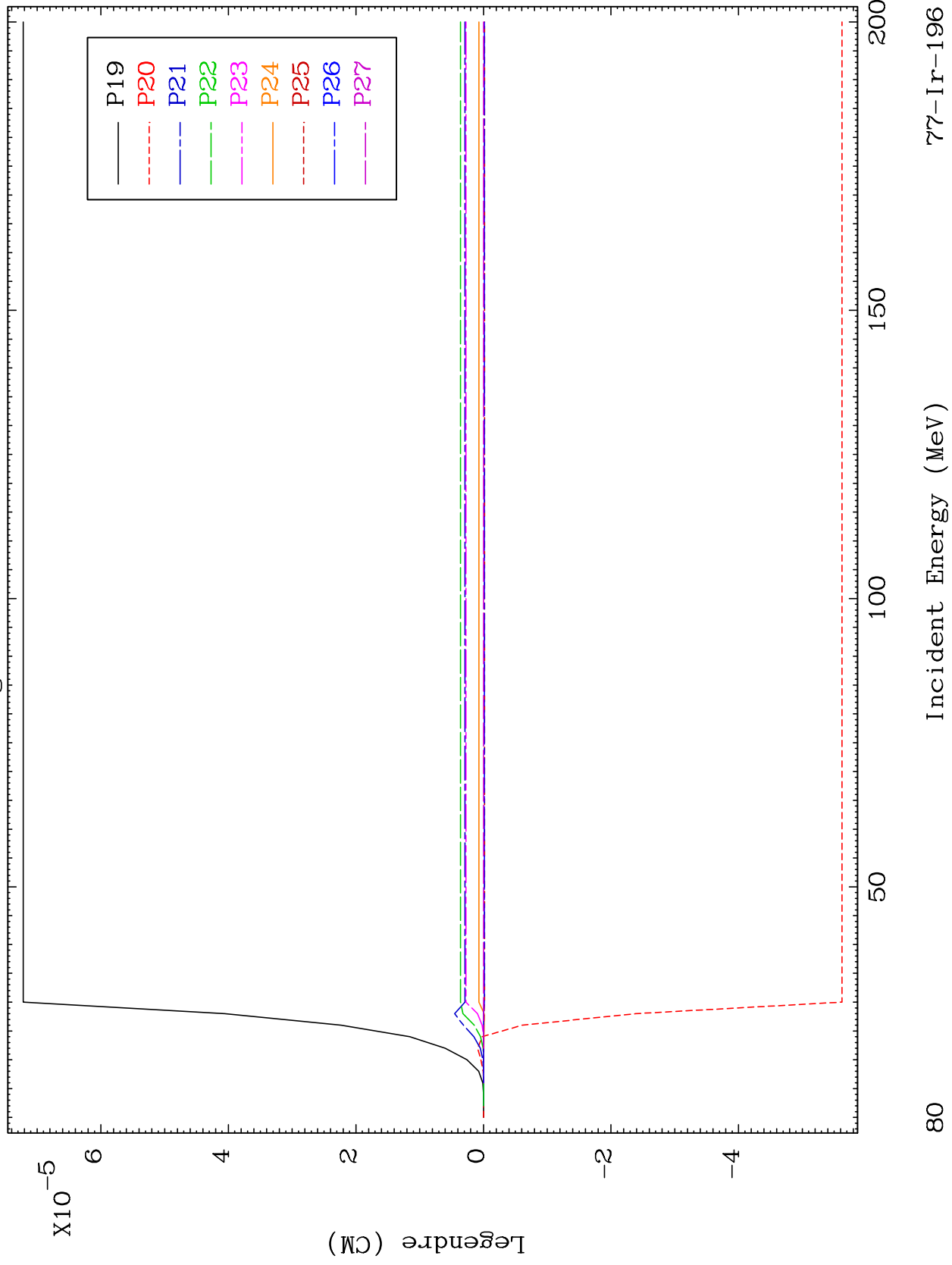
Incident Energy (MeV)

79

MAT 7740

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

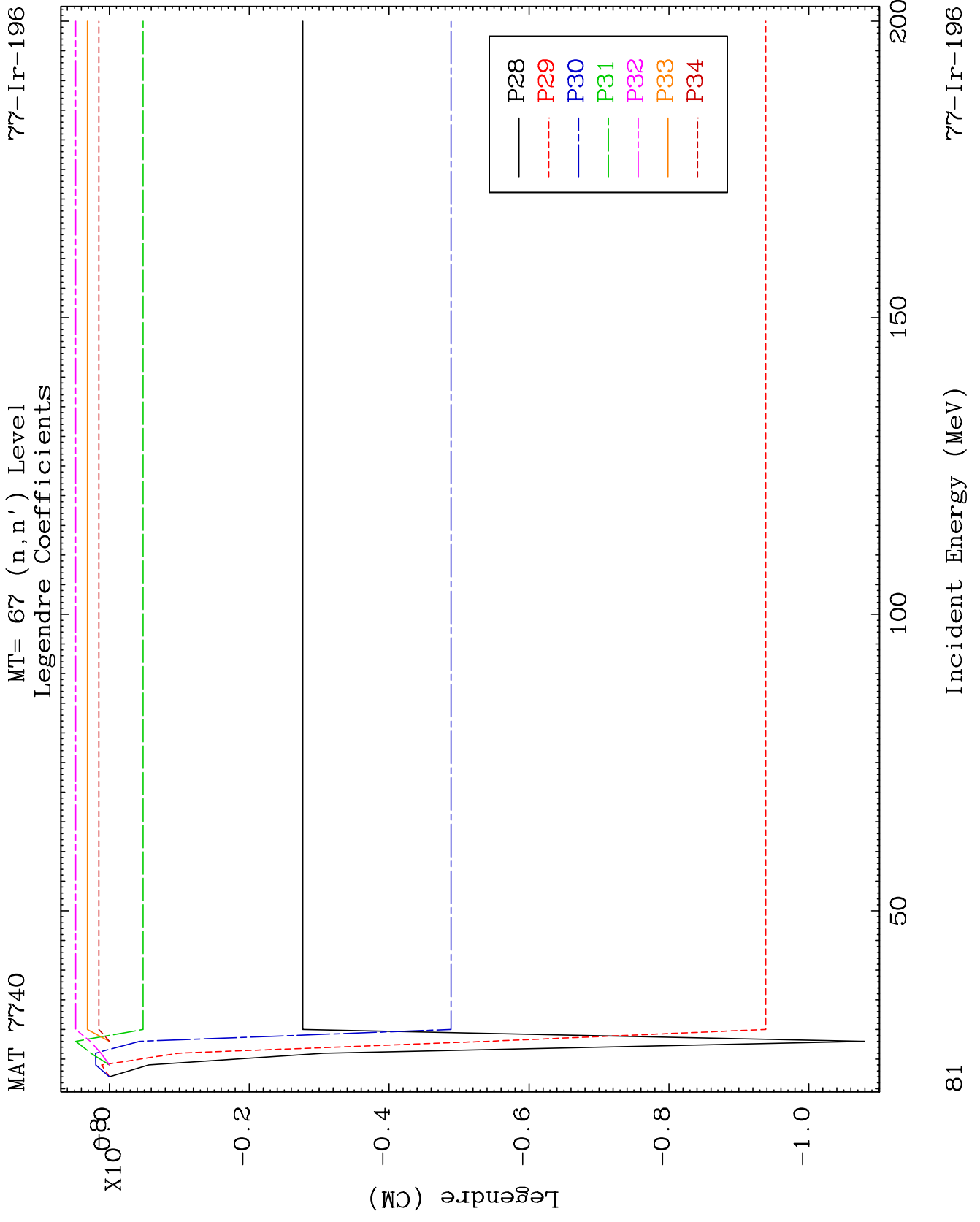
77-Ir-196



80

Incident Energy (MeV)

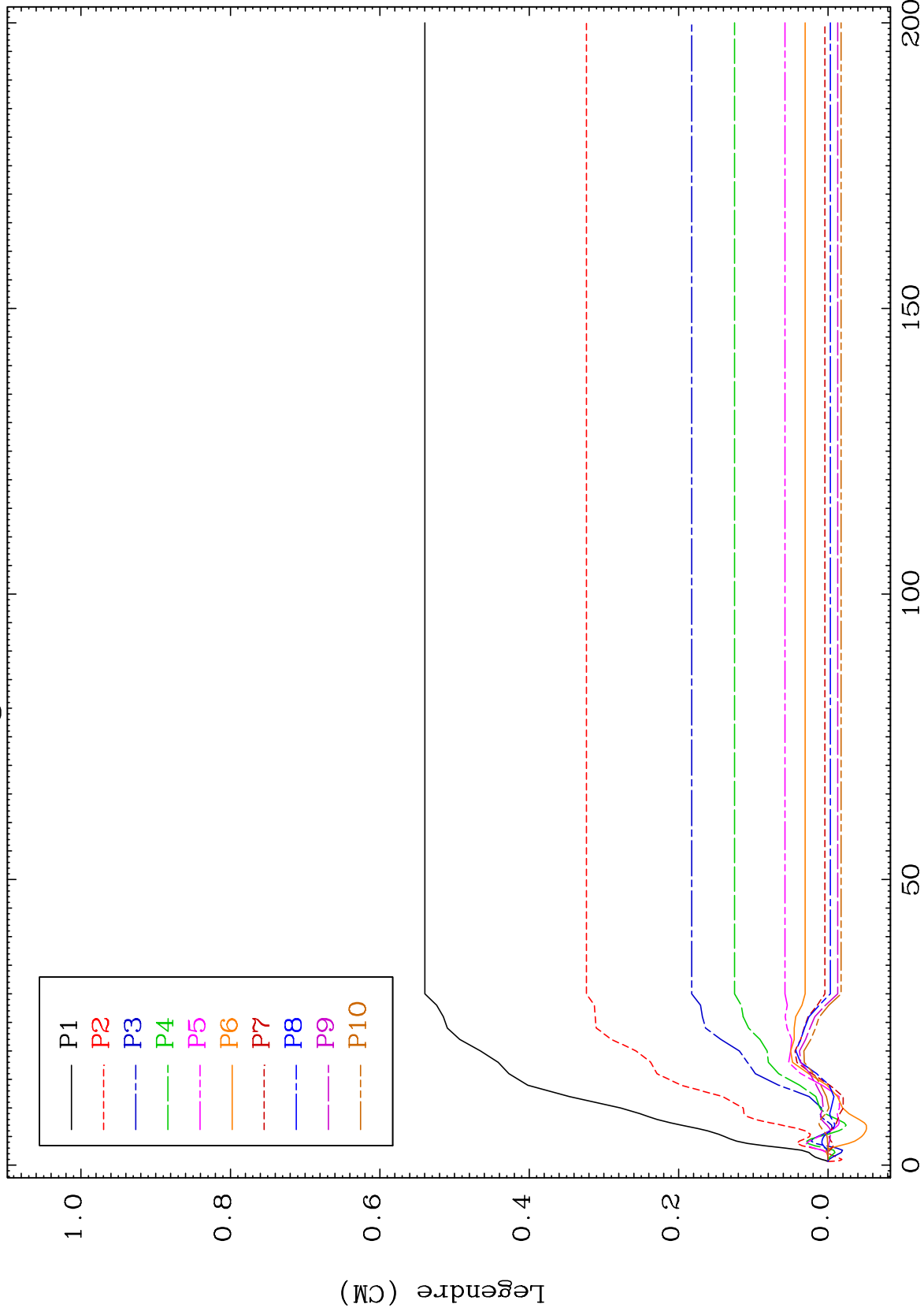
77-Ir-196



MAT 7740

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

77-Ir-196



82

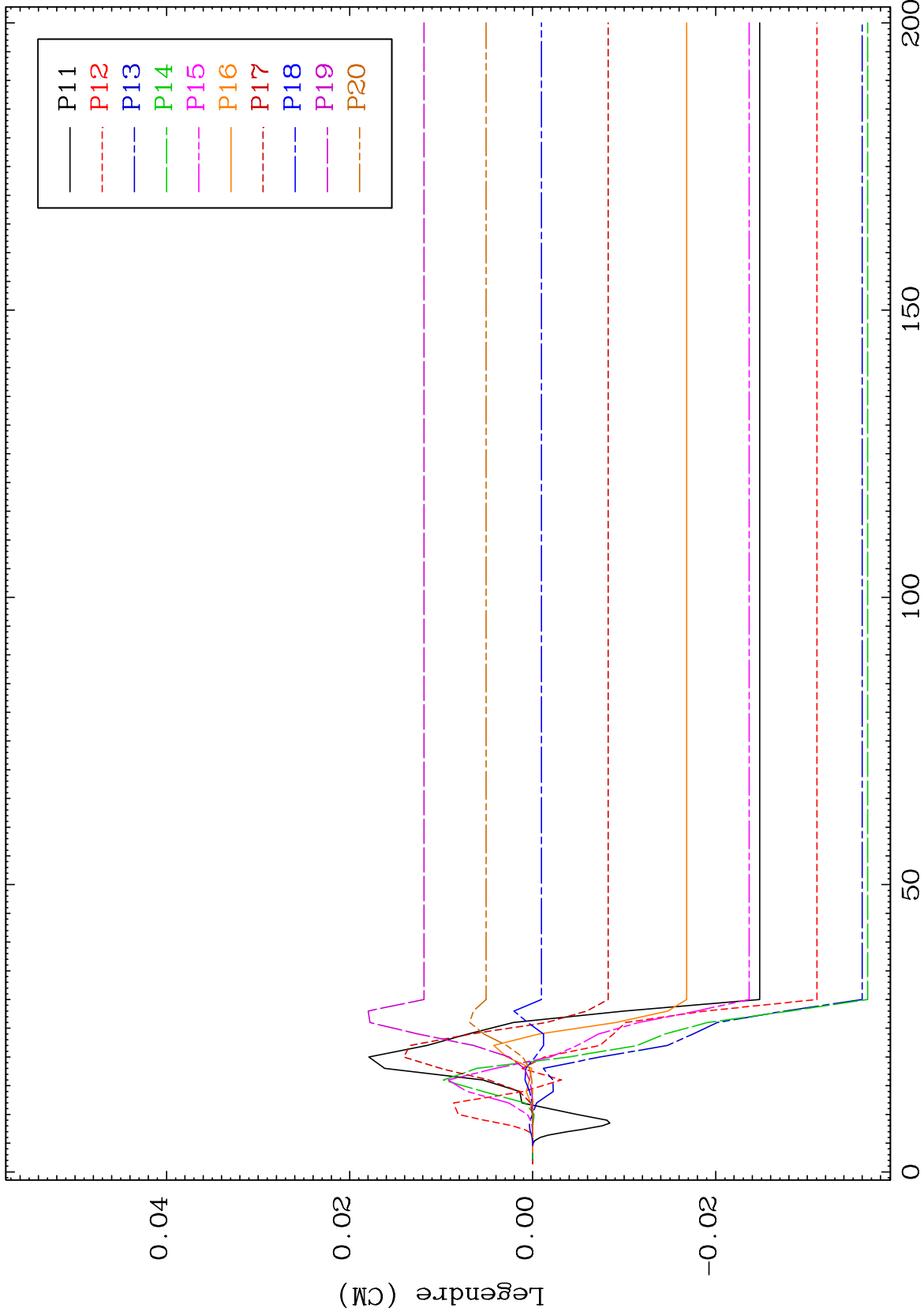
Incident Energy (MeV)

77-Ir-196

MAT 7740

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

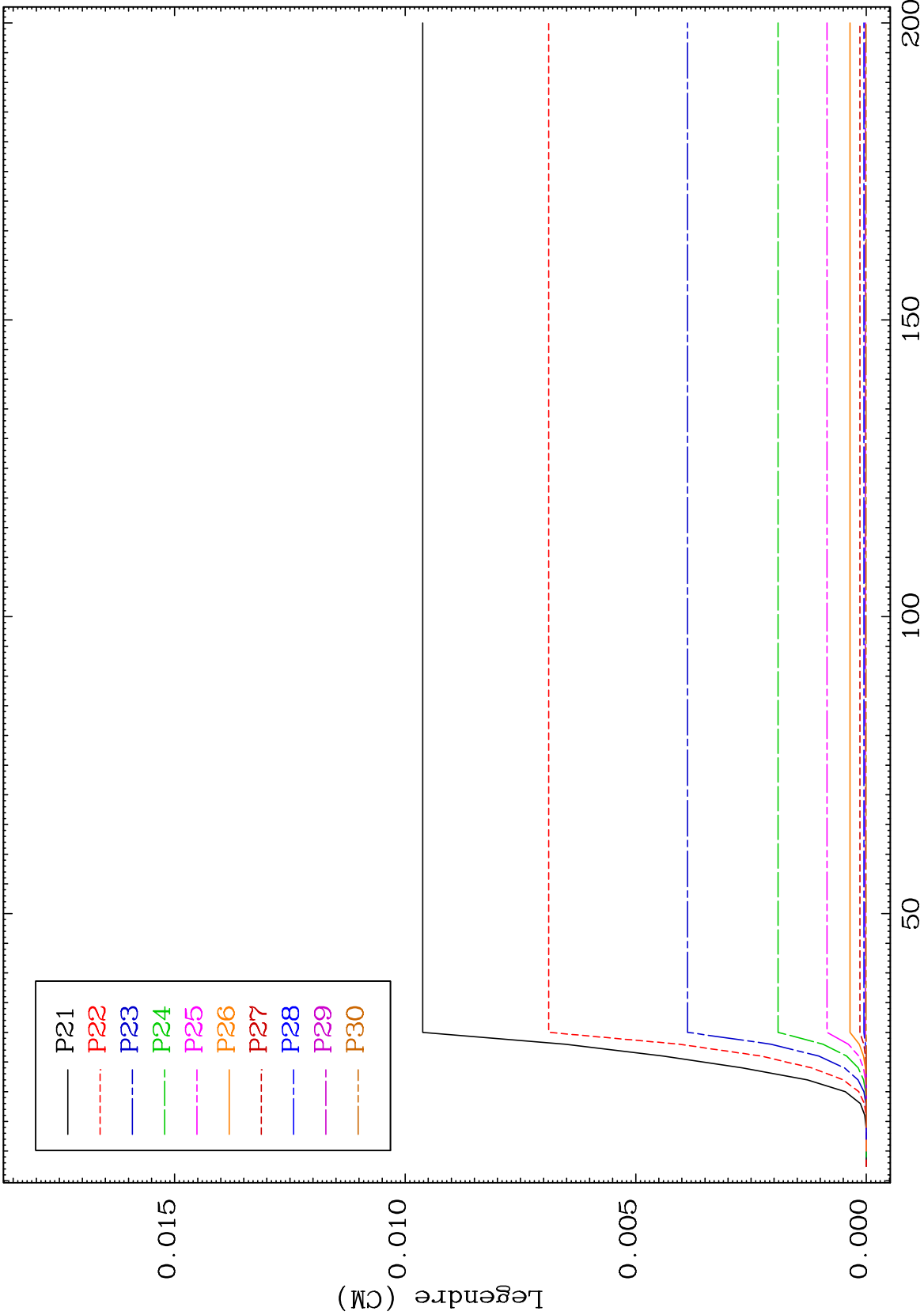
77-Ir-196



MAT 7740

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

77-Ir-196



84

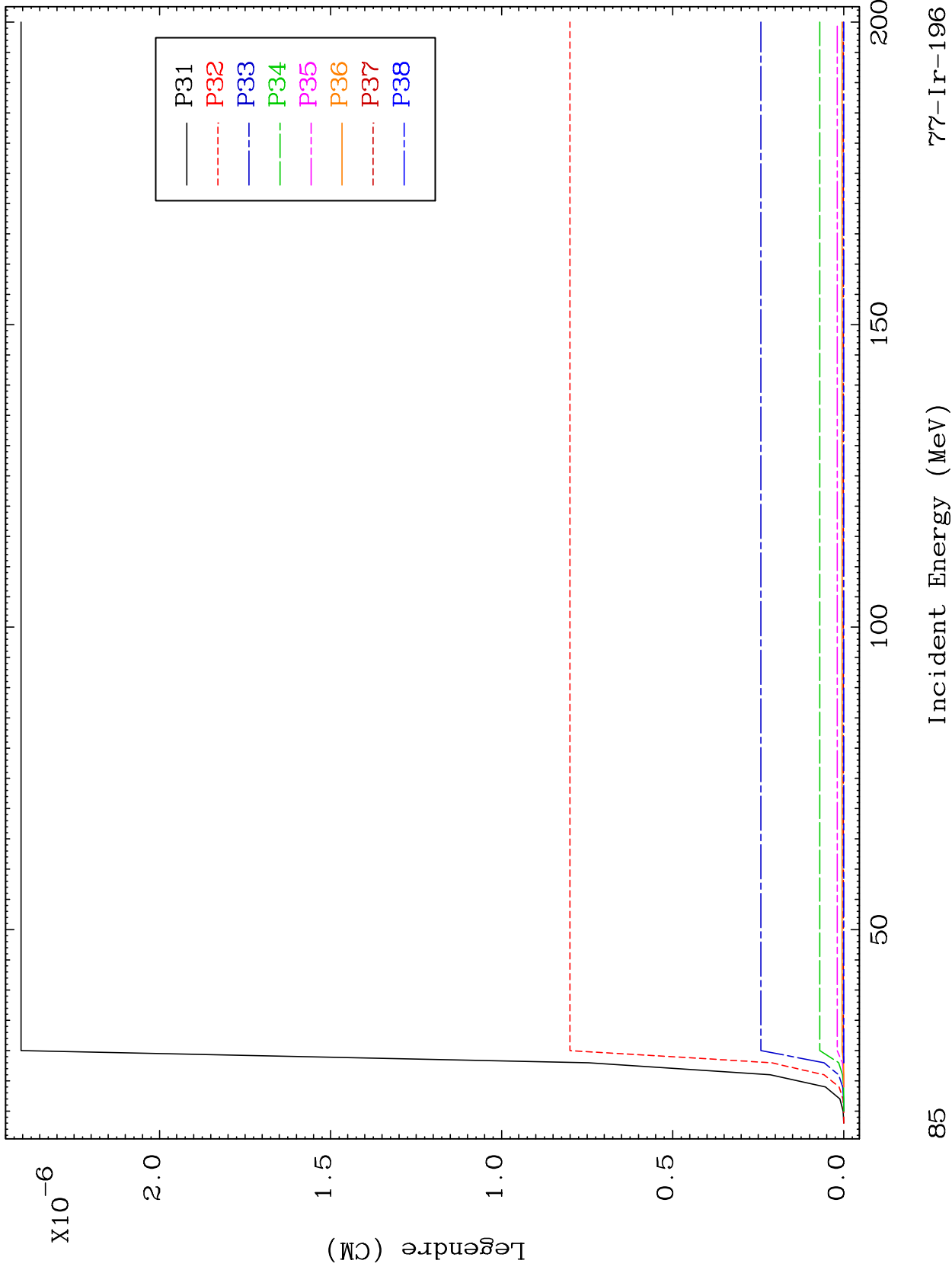
Incident Energy (MeV)

77-Ir-196

MAT 7740

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

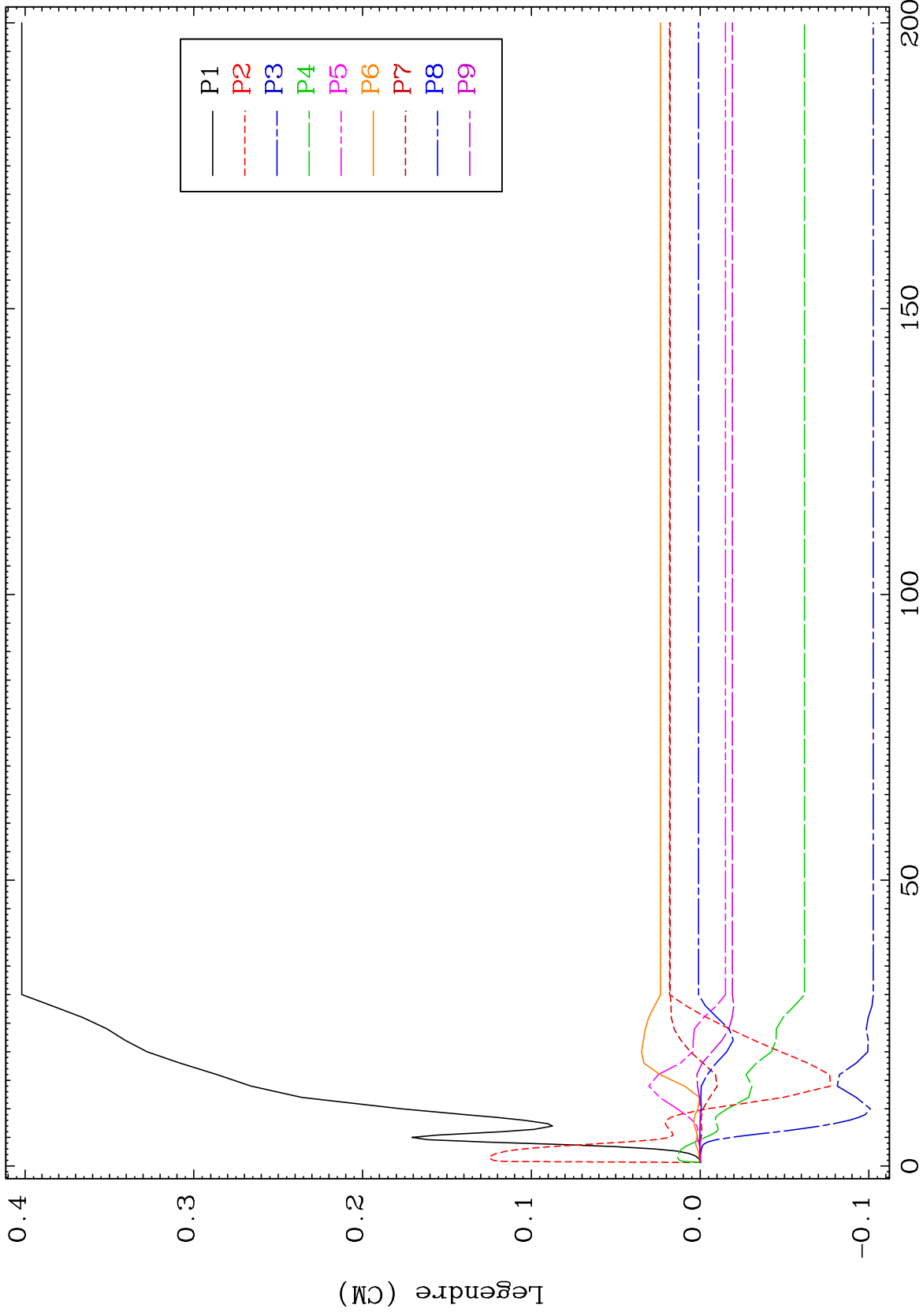
77-Ir-196



85

Incident Energy (MeV)

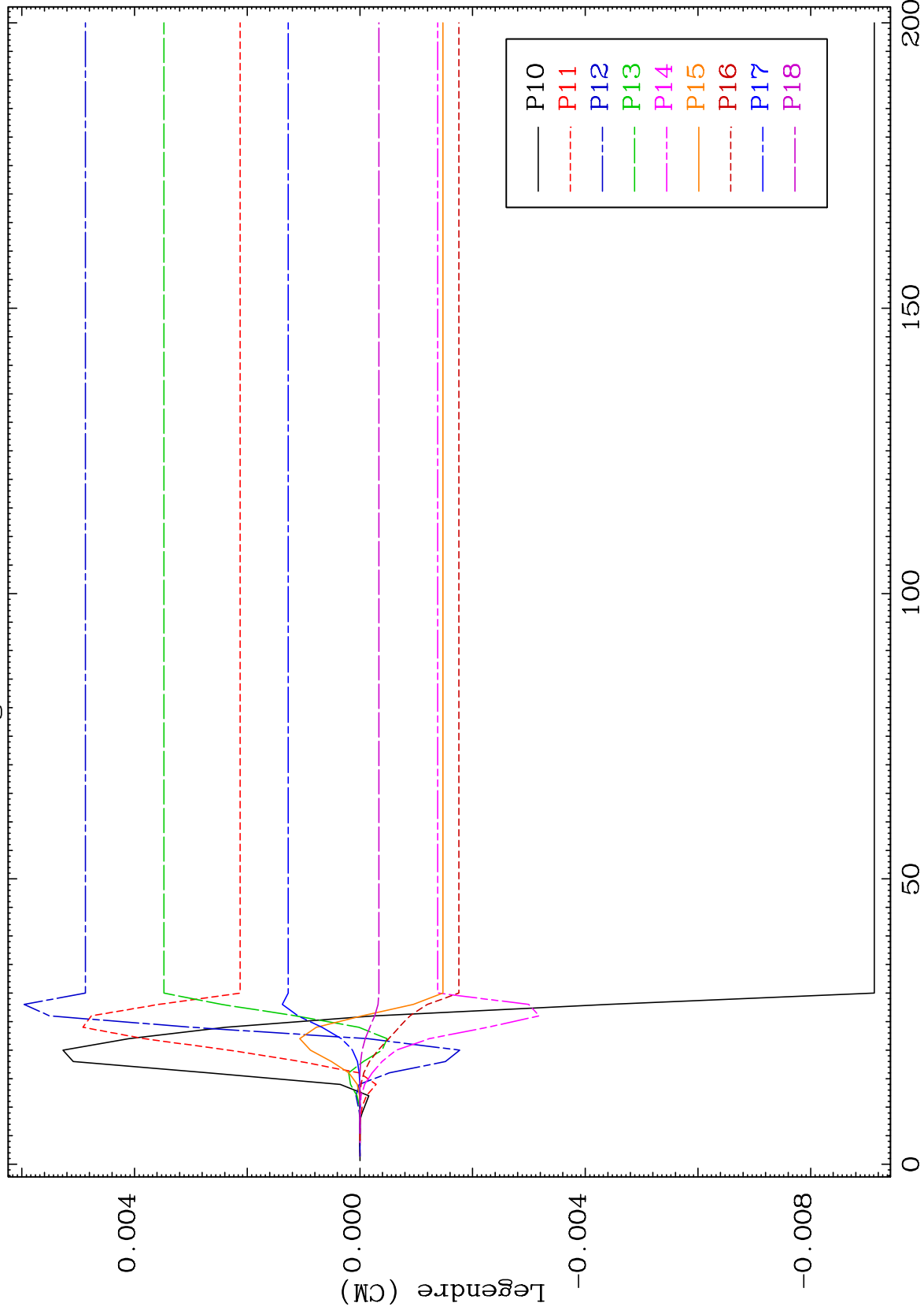
77-Ir-196



MAT 7740

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

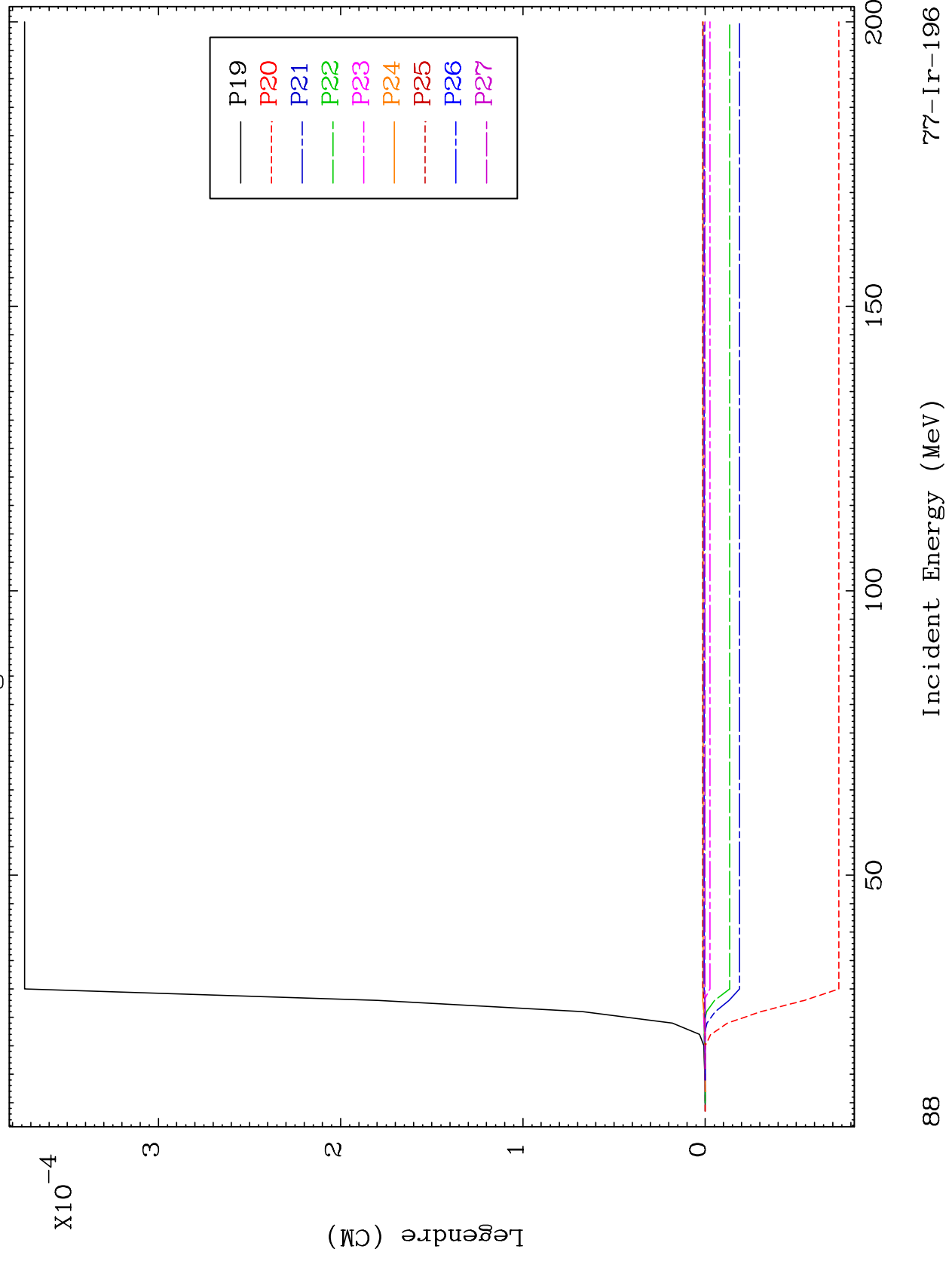
77-Ir-196

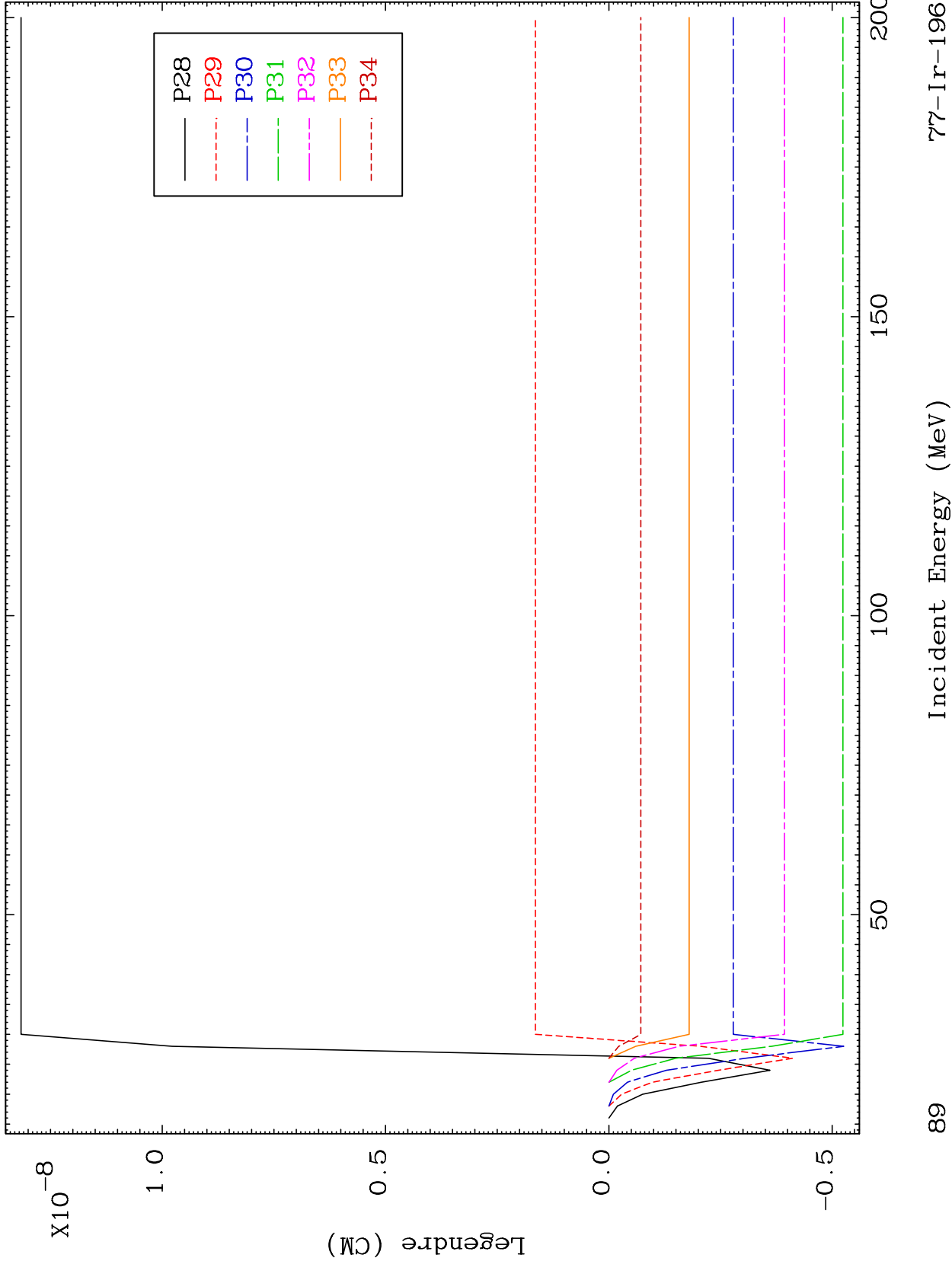


87

Incident Energy (MeV)

77-Ir-196

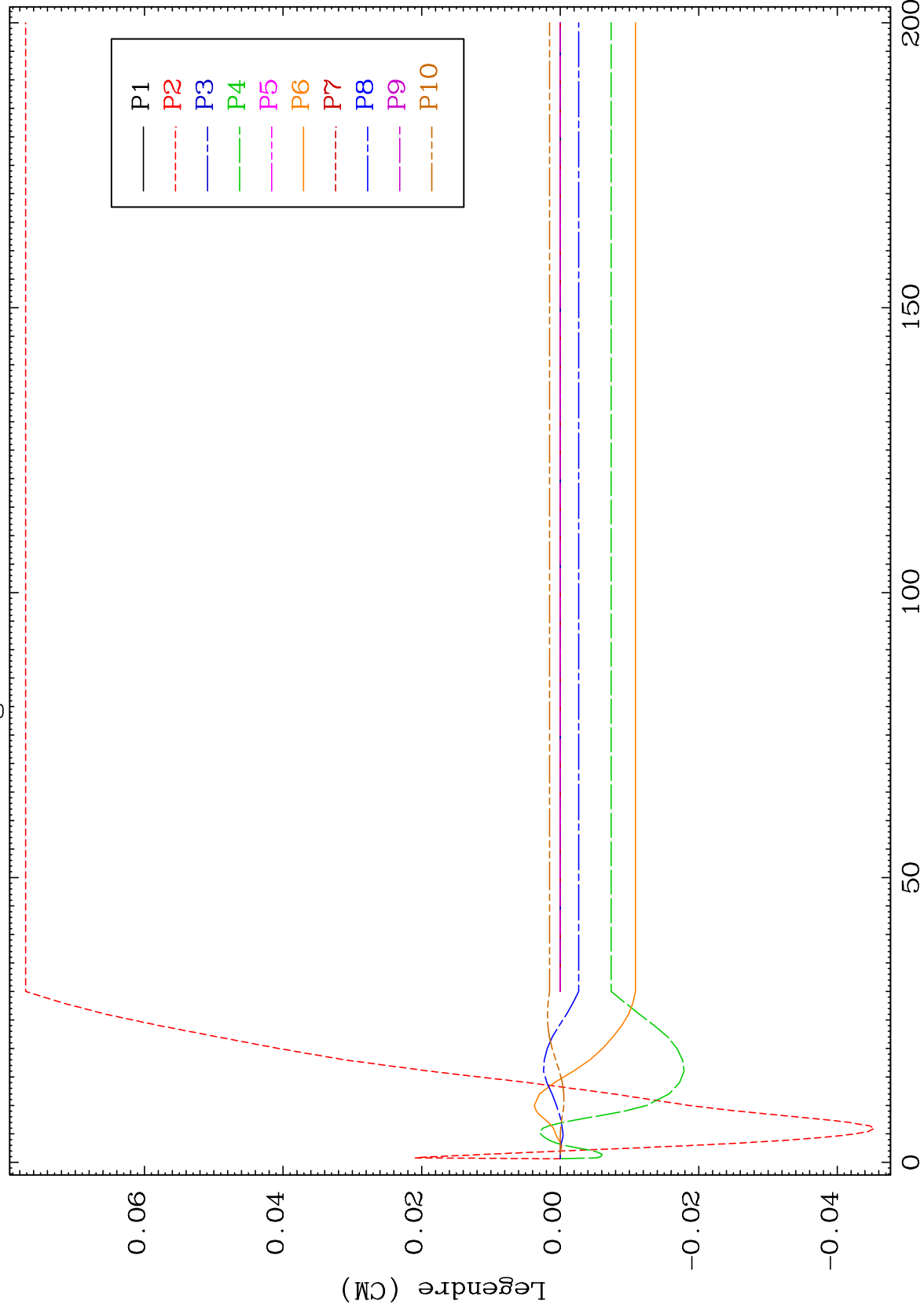




MAT 7740

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

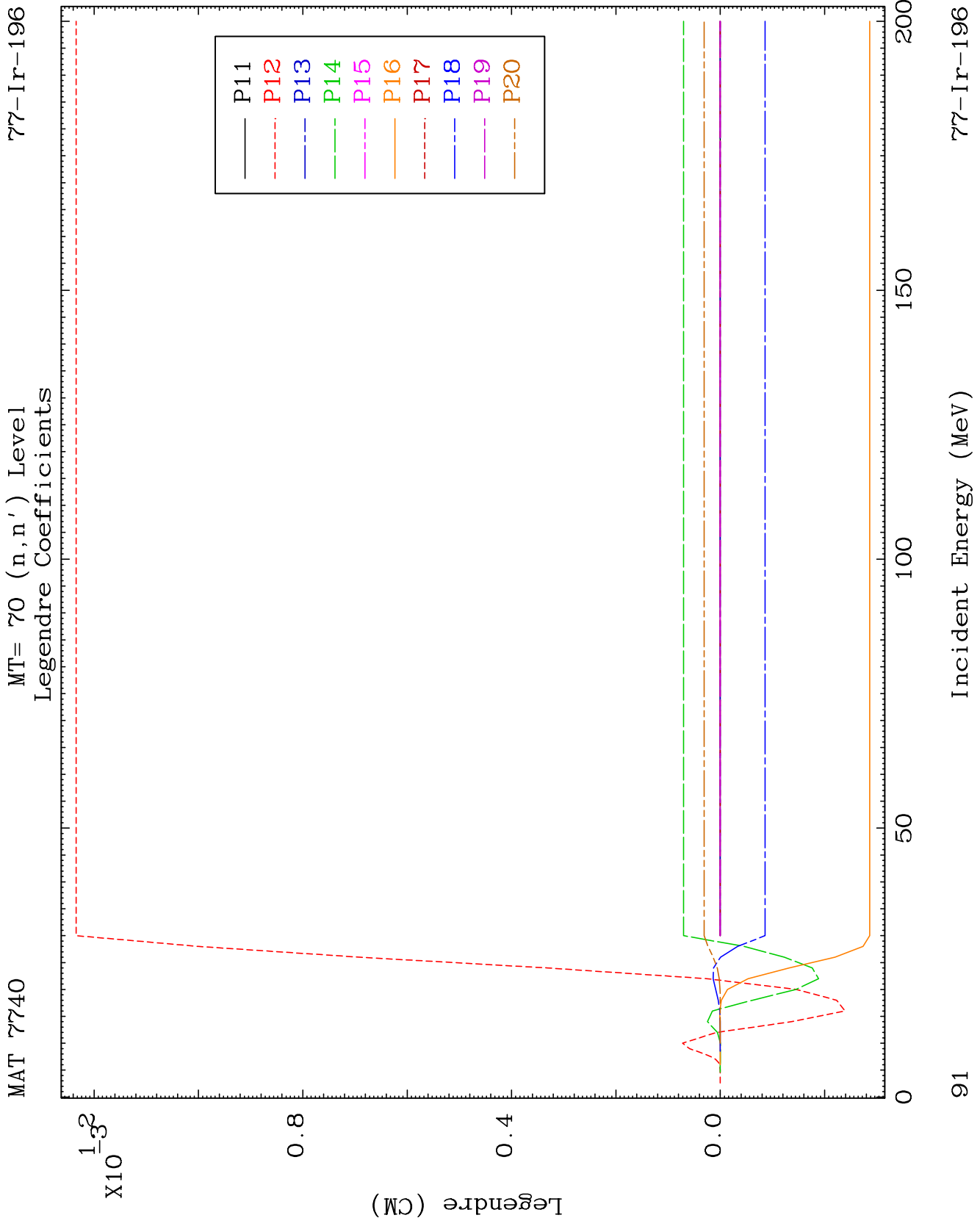
77-Ir-196

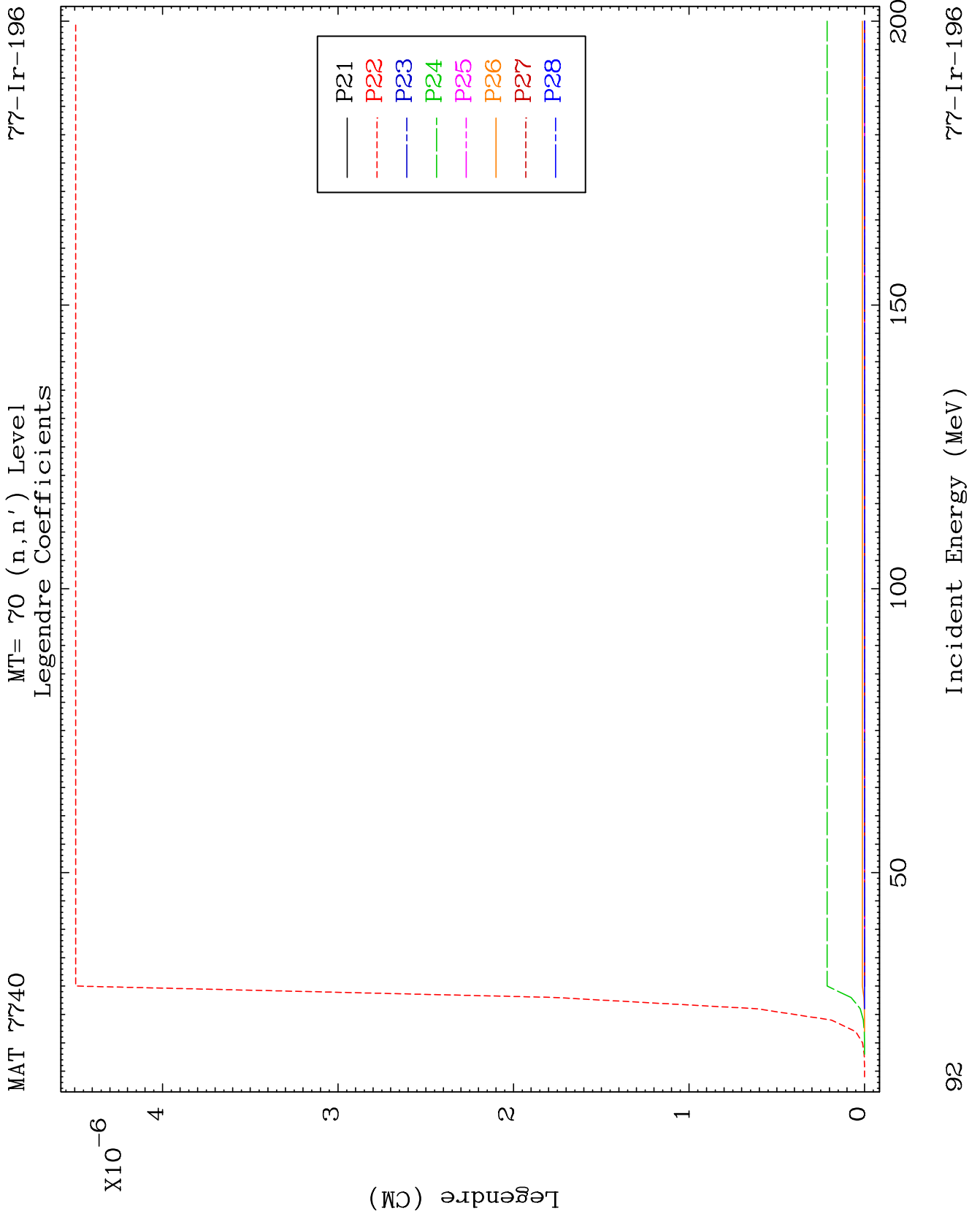


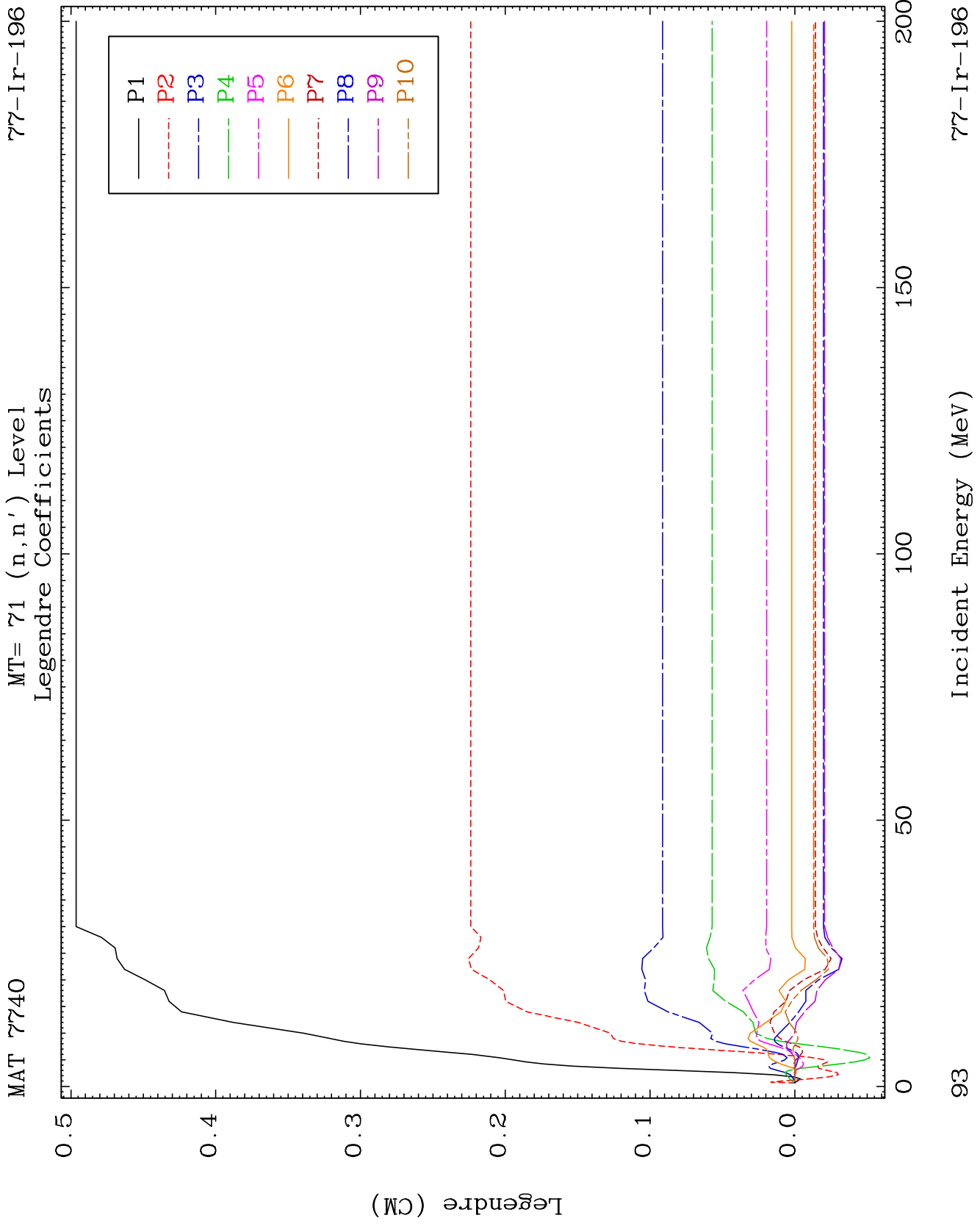
77-Ir-196

Incident Energy (MeV)

90



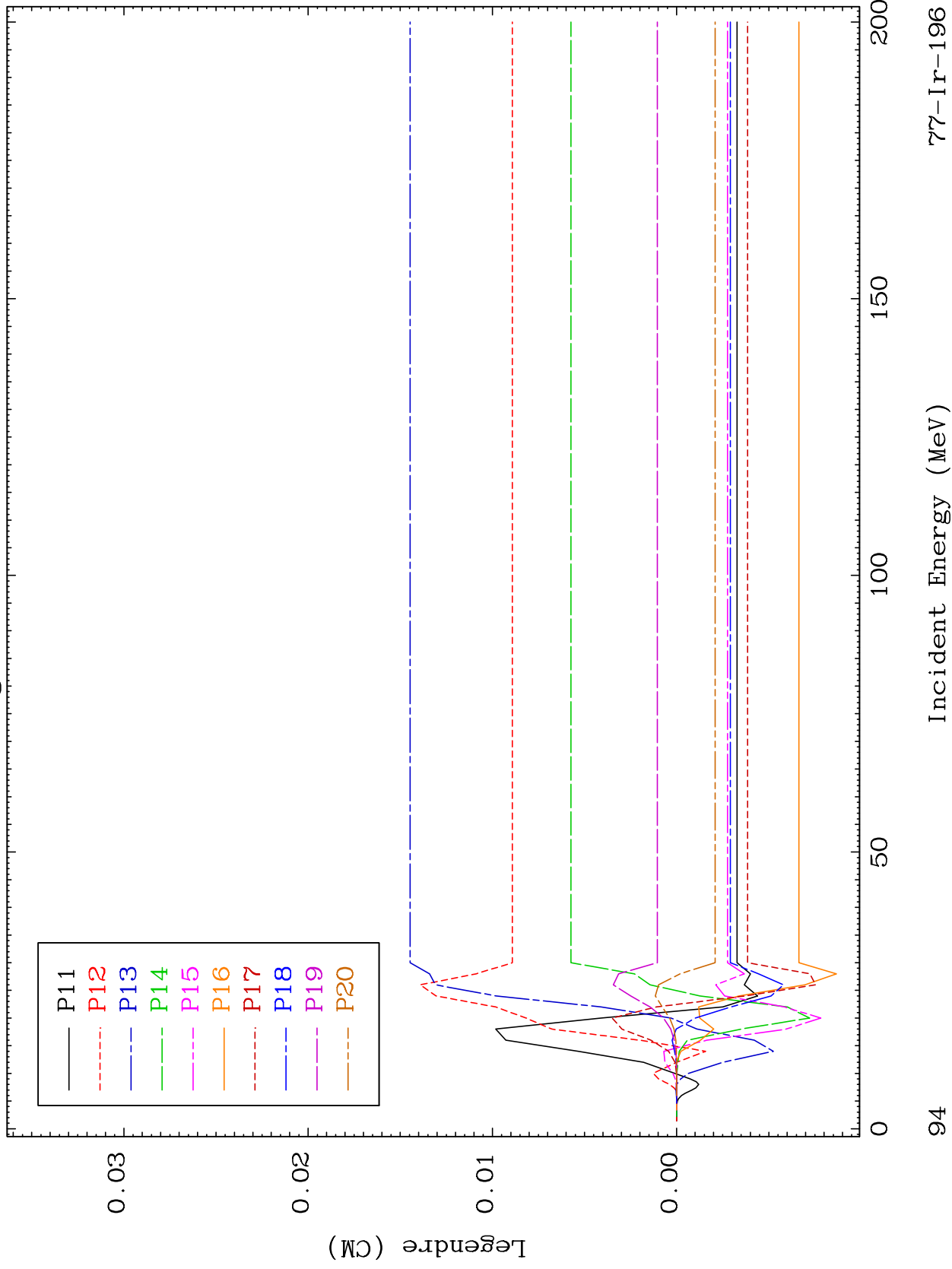




MAT 7740

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

77-Ir-196



94

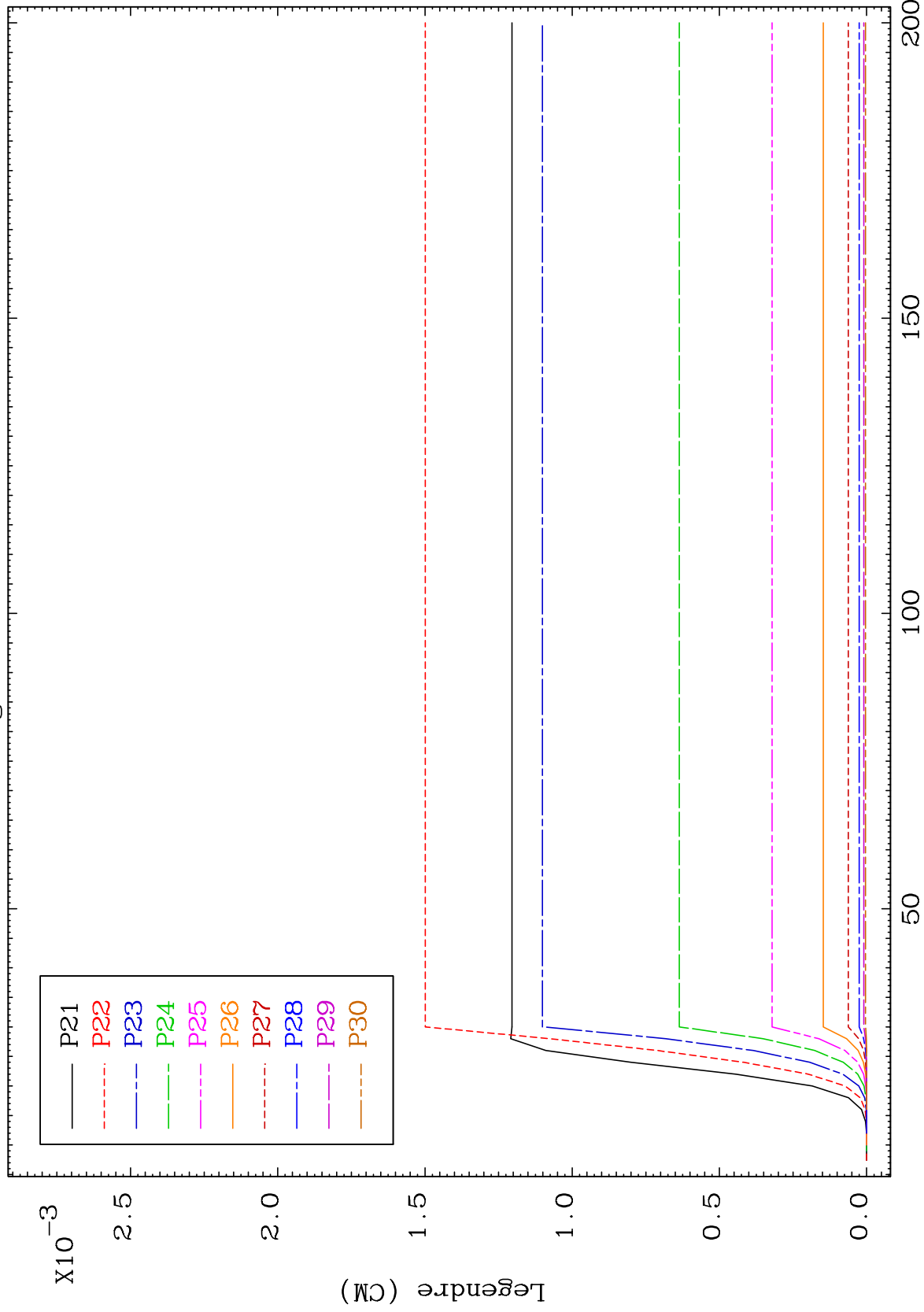
Incident Energy (MeV)

77-Ir-196

MAT 7740

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

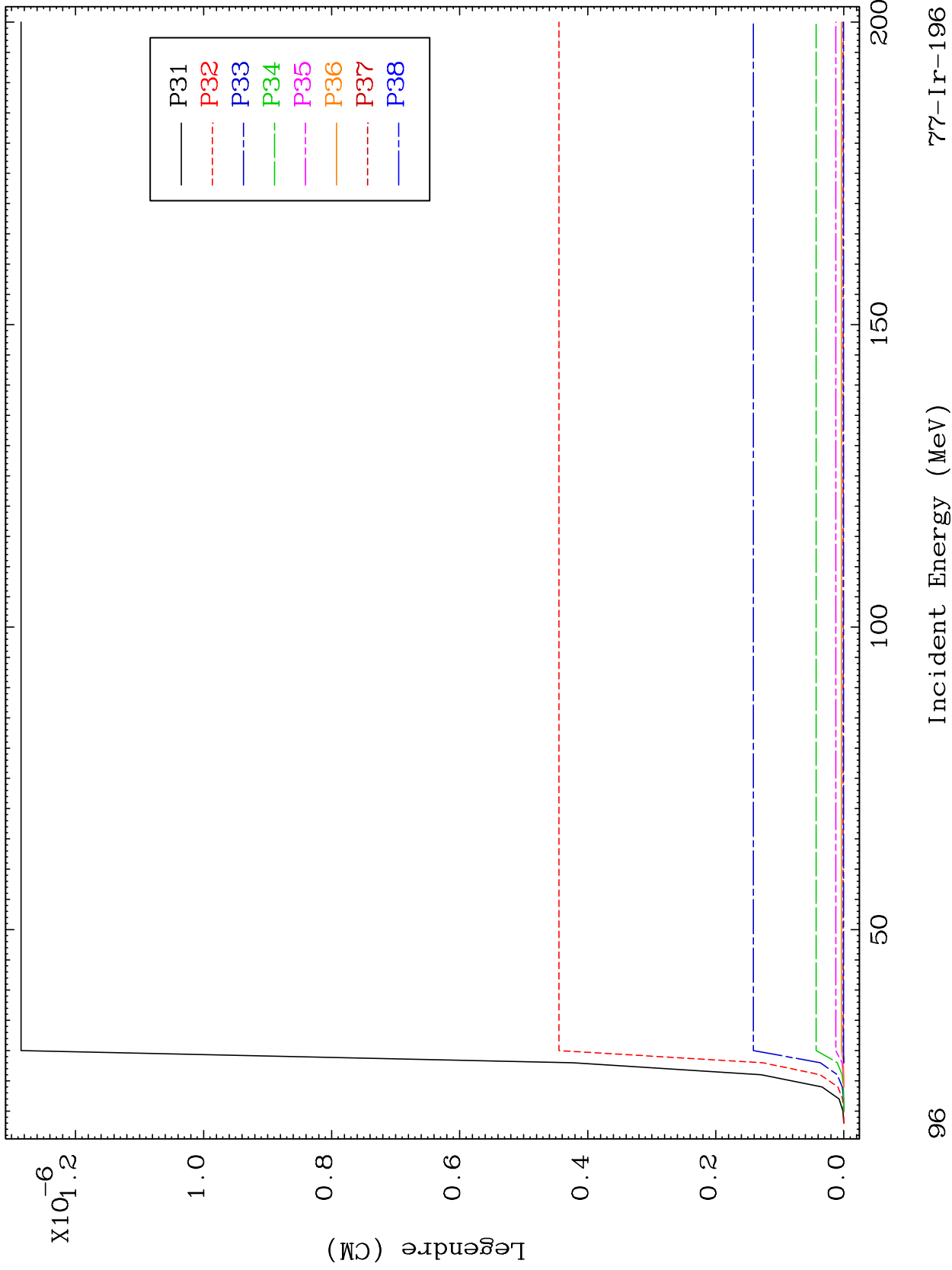
77-Ir-196



95

Incident Energy (MeV)

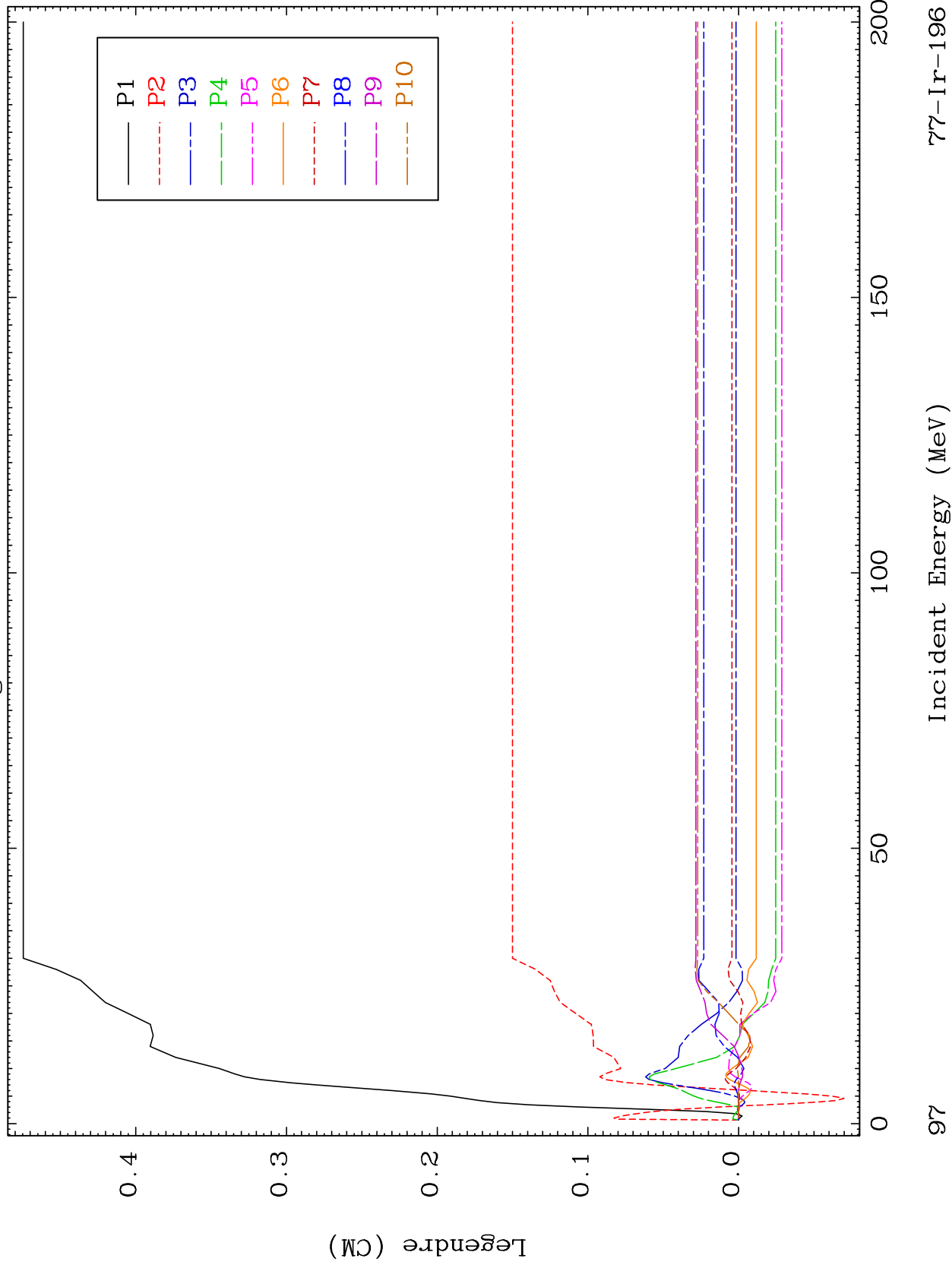
77-Ir-196



MAT 7740

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

77-Ir-196



77-Ir-196

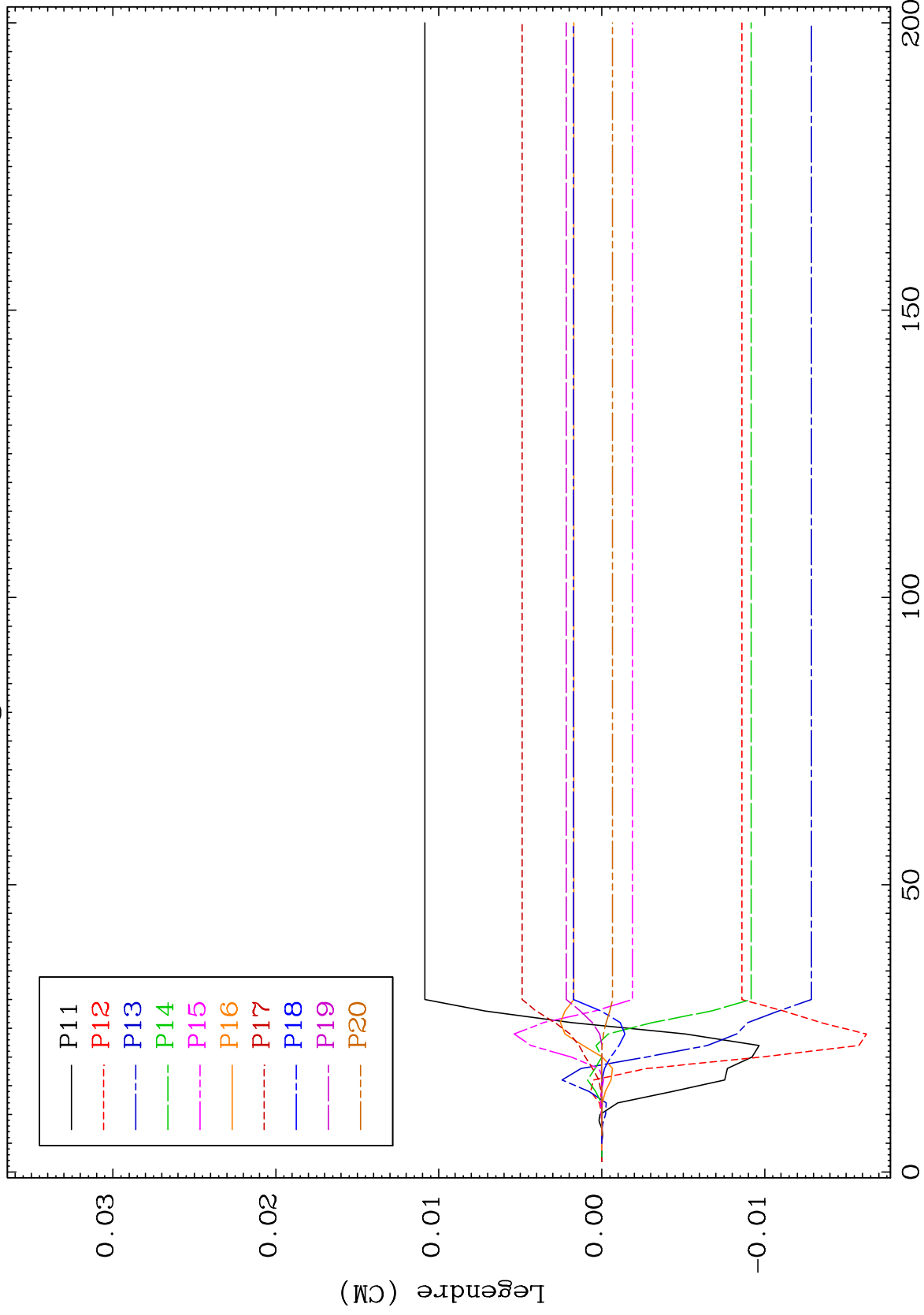
Incident Energy (MeV)

97

MAT 7740

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

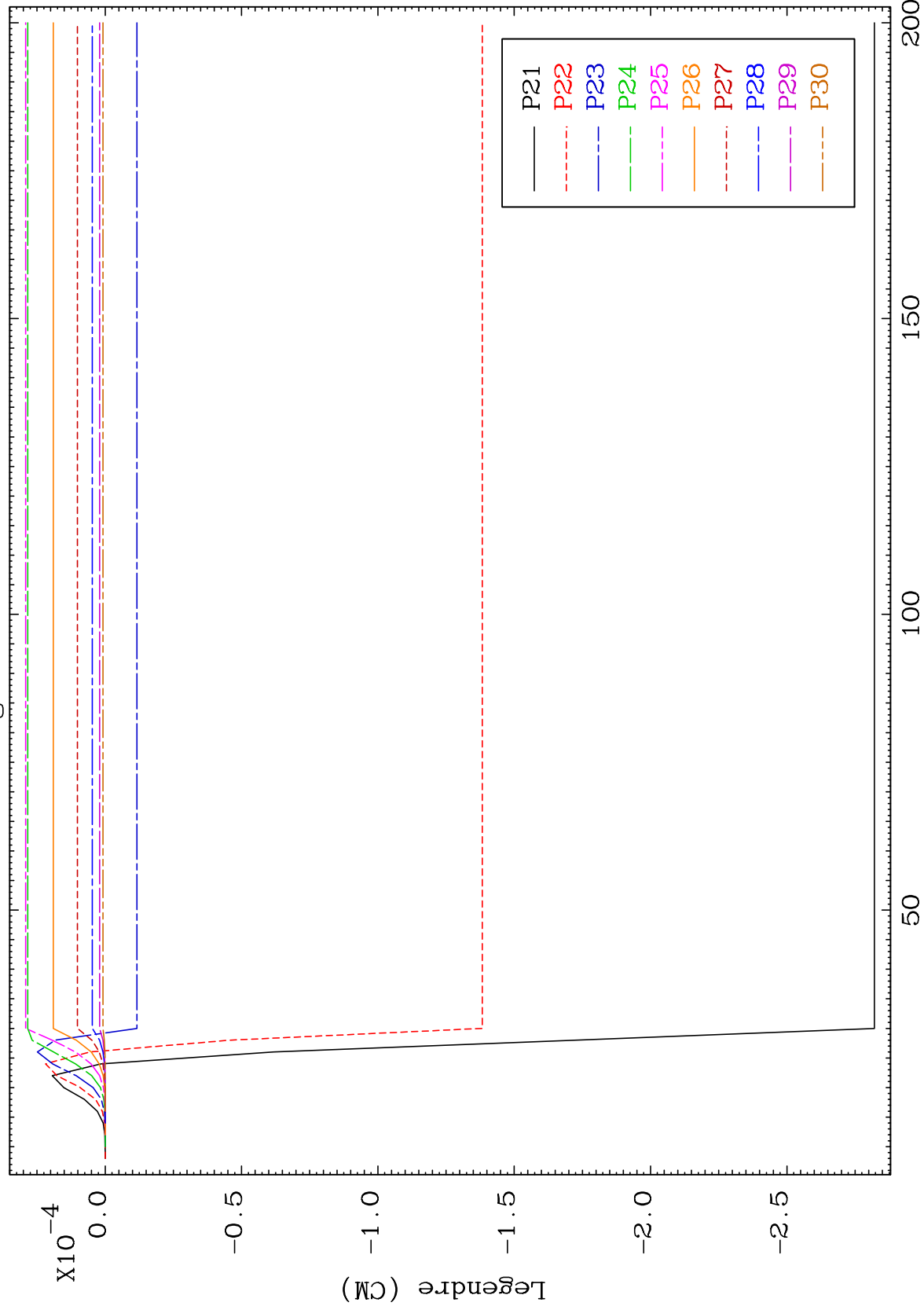
77-Ir-196



98

Incident Energy (MeV)

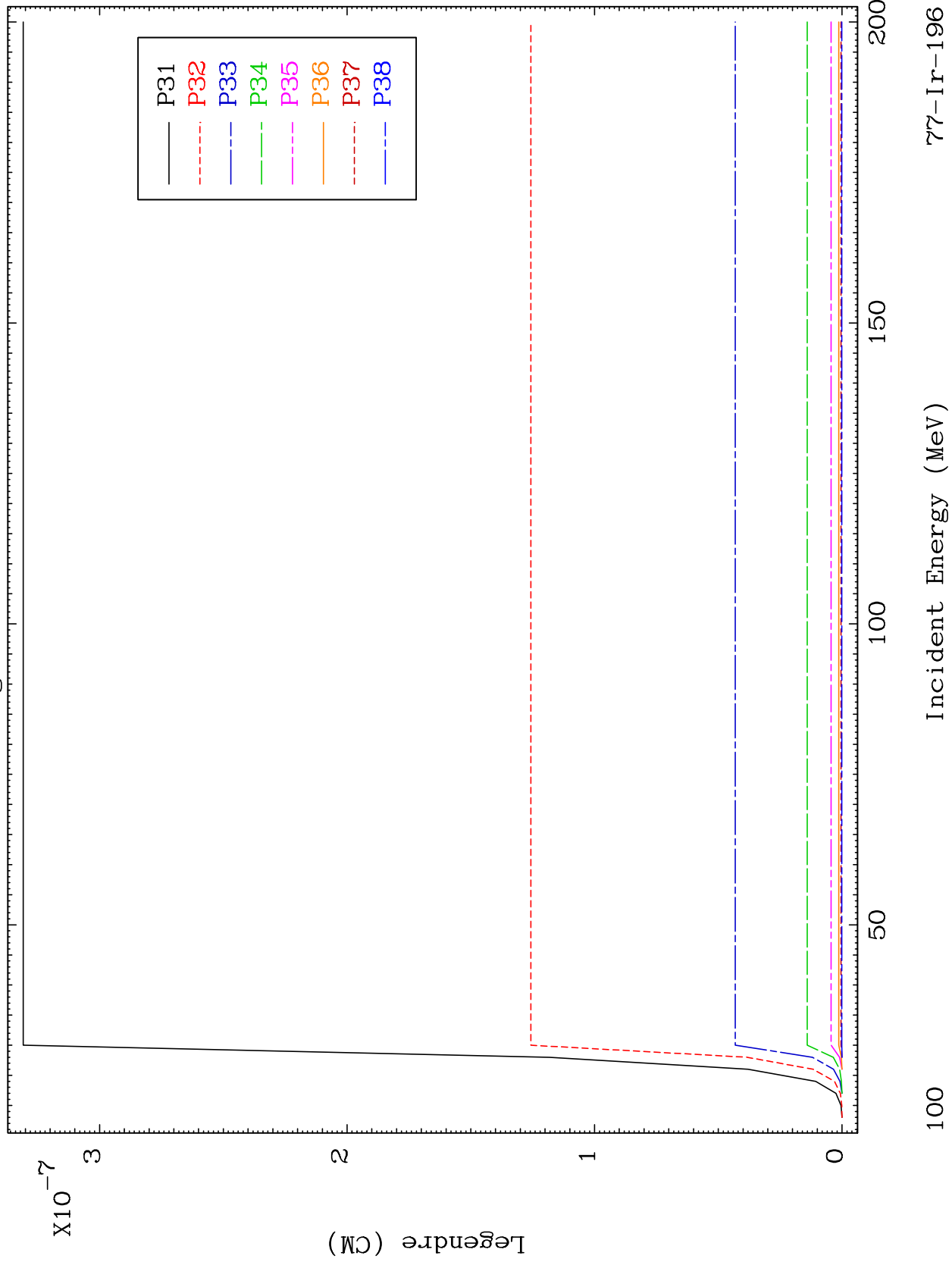
77-Ir-196



MAT 7740

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

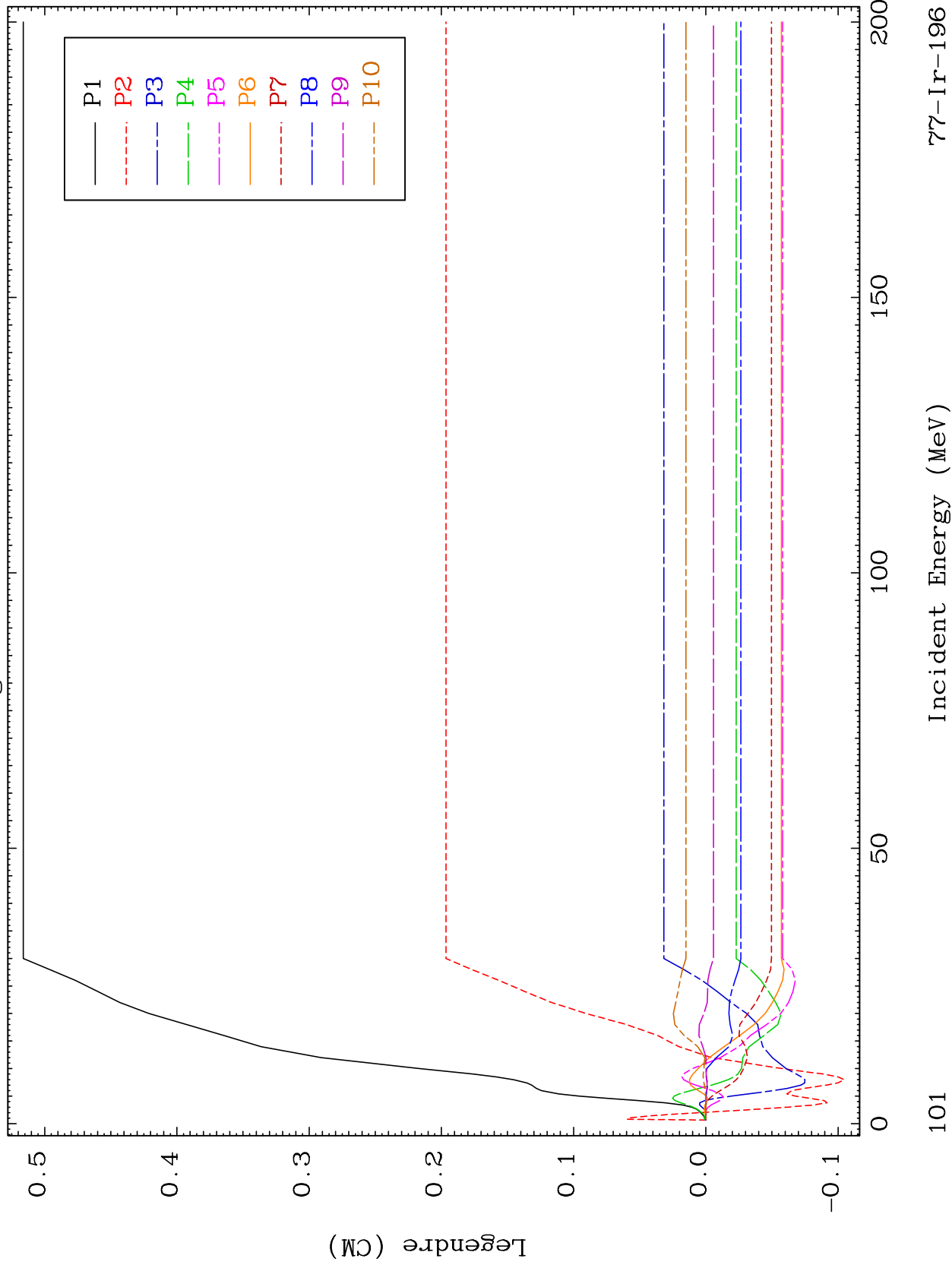
77-Ir-196



MAT 7740

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

77-Ir-196



77-Ir-196

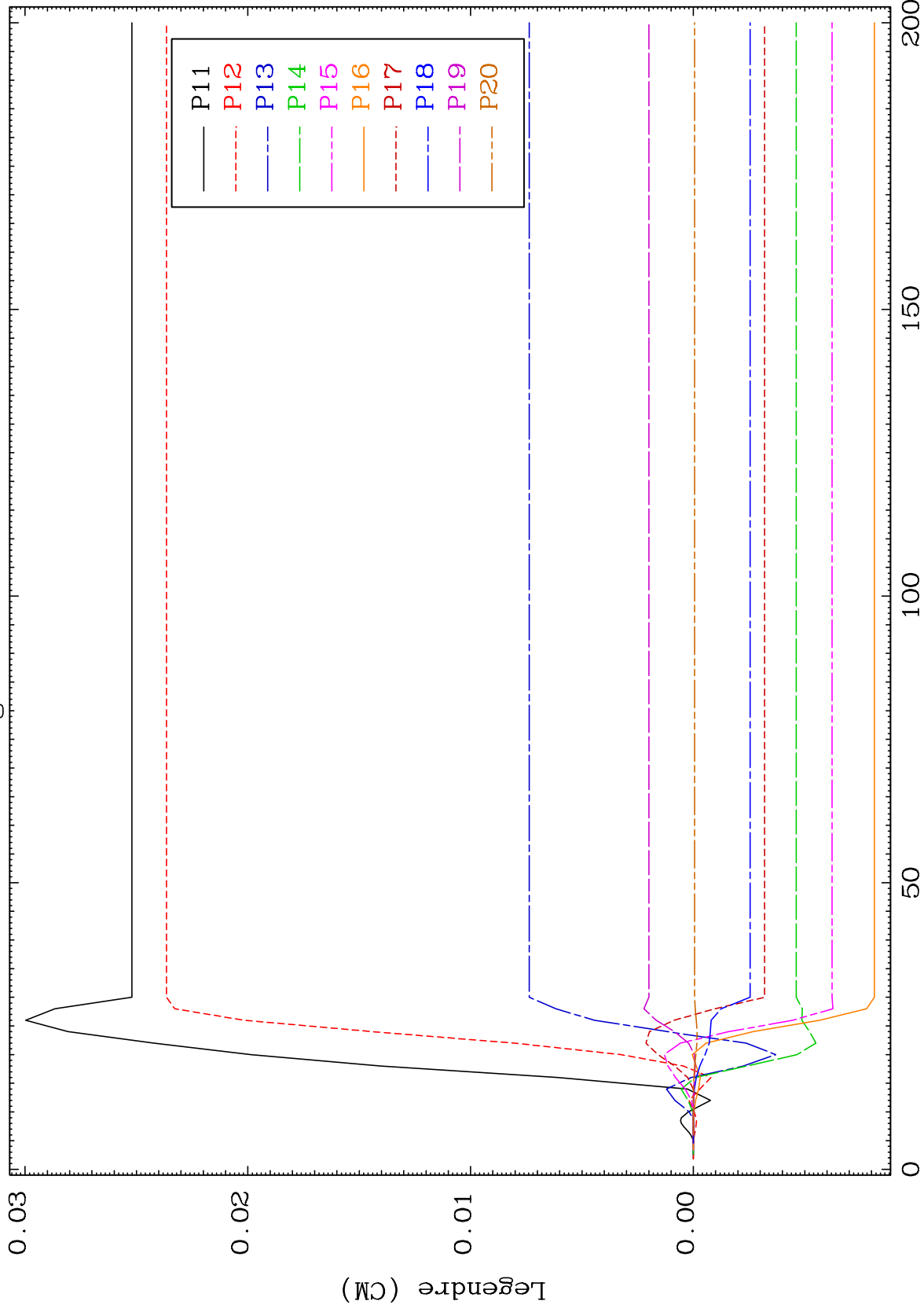
Incident Energy (MeV)

101

MAT 7740

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

77-Ir-196



102

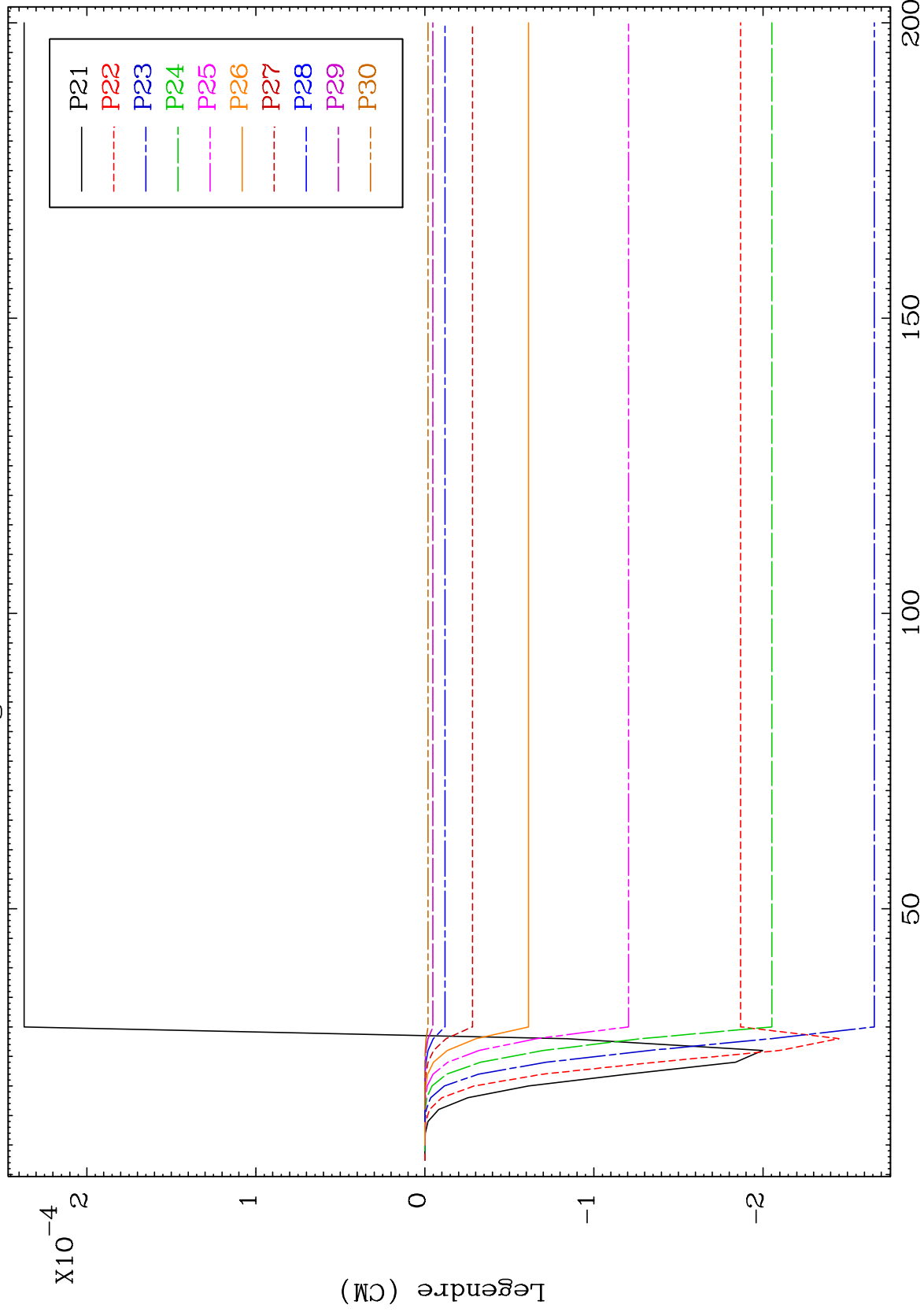
Incident Energy (MeV)

77-Ir-196

MAT 7740

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

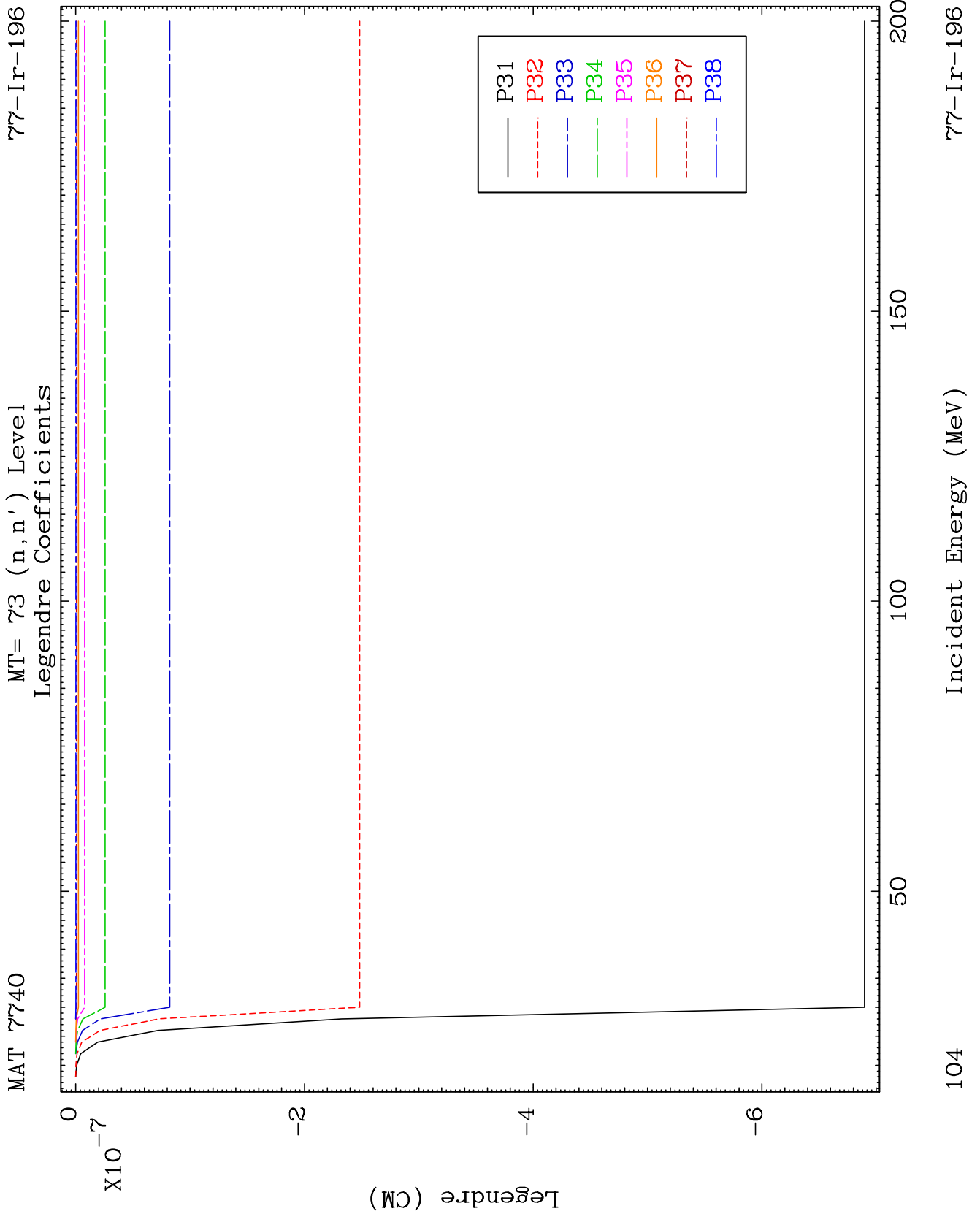
77-Ir-196



103

77-Ir-196

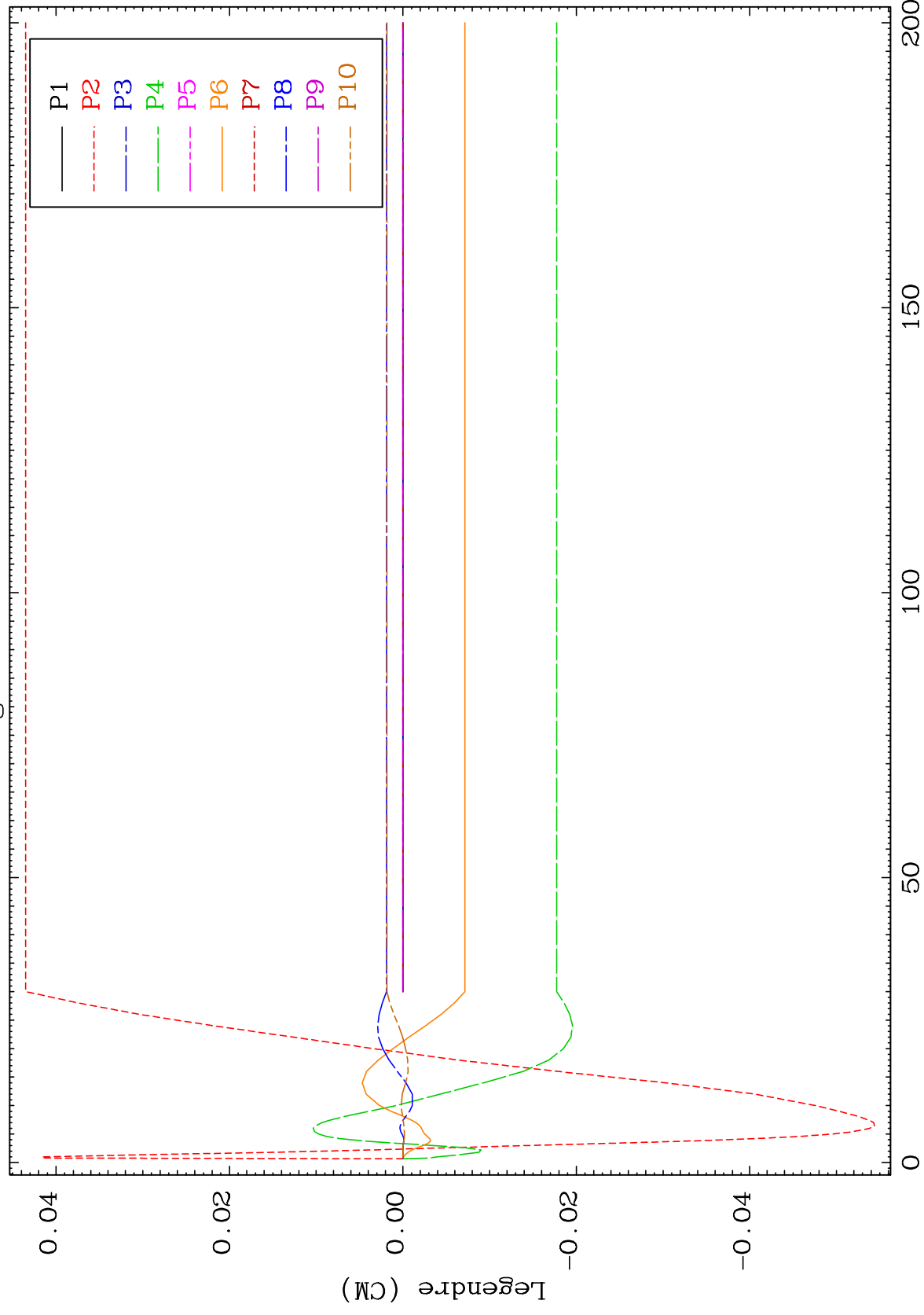
77-Ir-196



MAT 7740

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

77-Ir-196



77-Ir-196

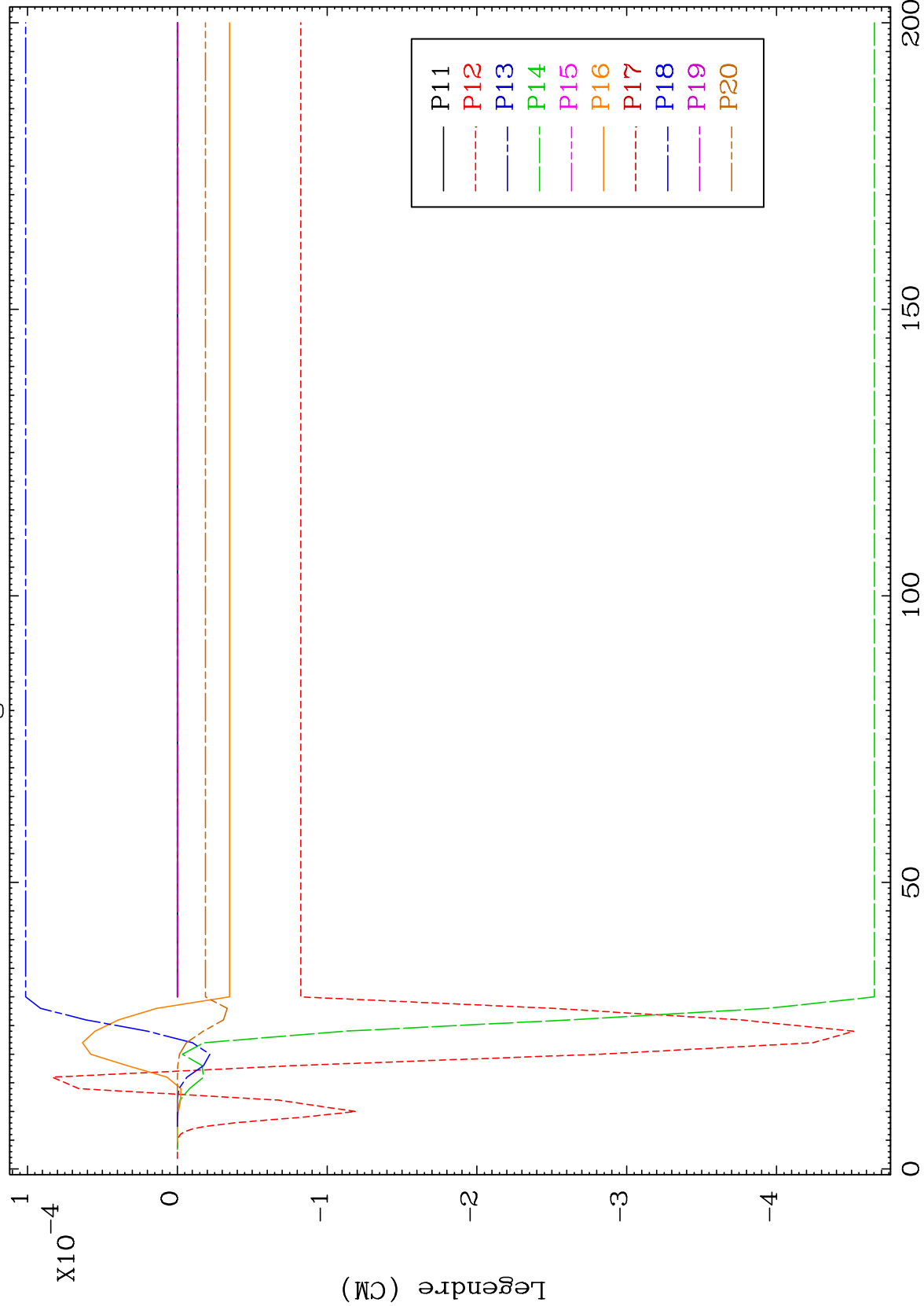
Incident Energy (MeV)

105

MAT 7740

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

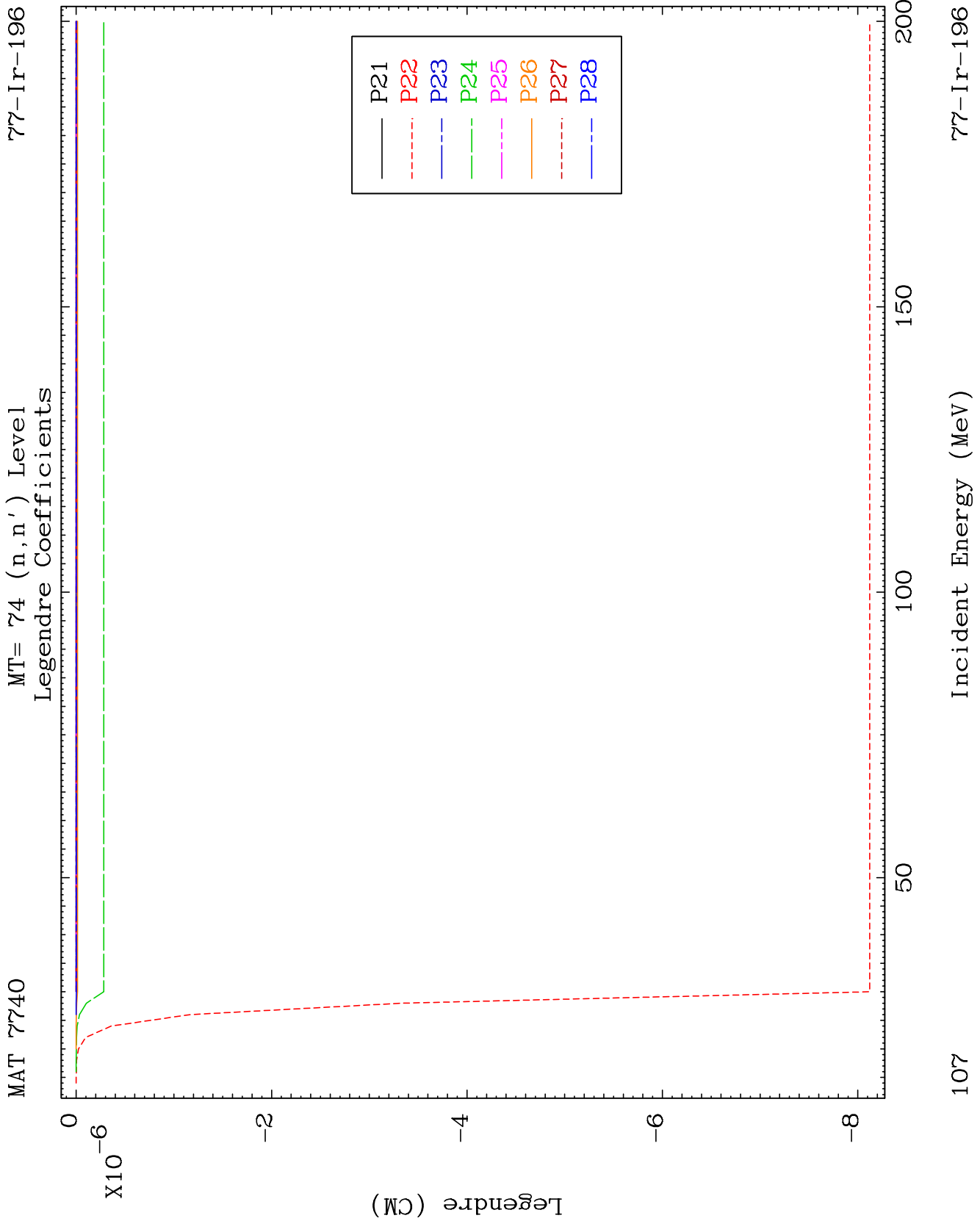
77-Ir-196

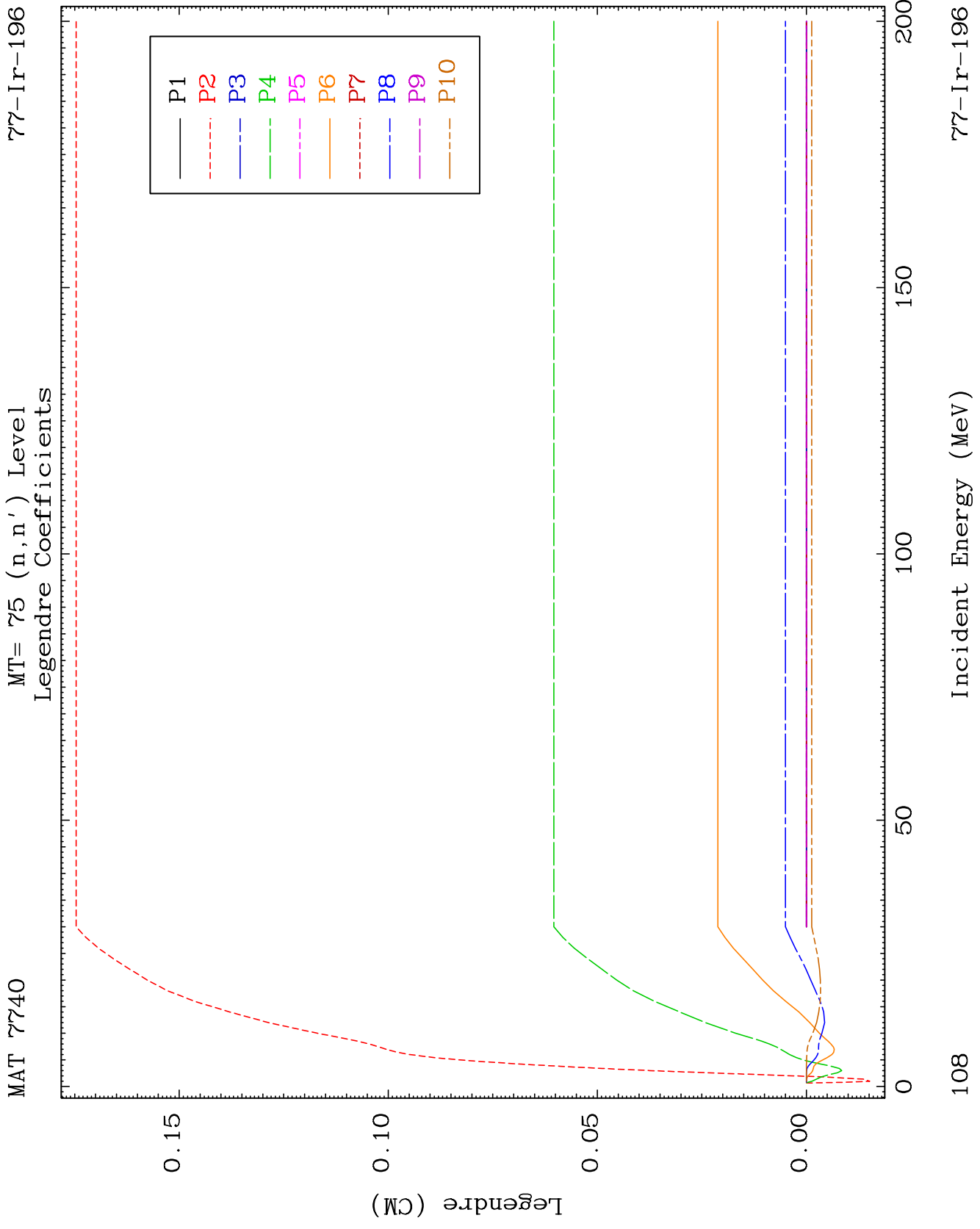


106

Incident Energy (MeV)

77-Ir-196





77-Ir-196

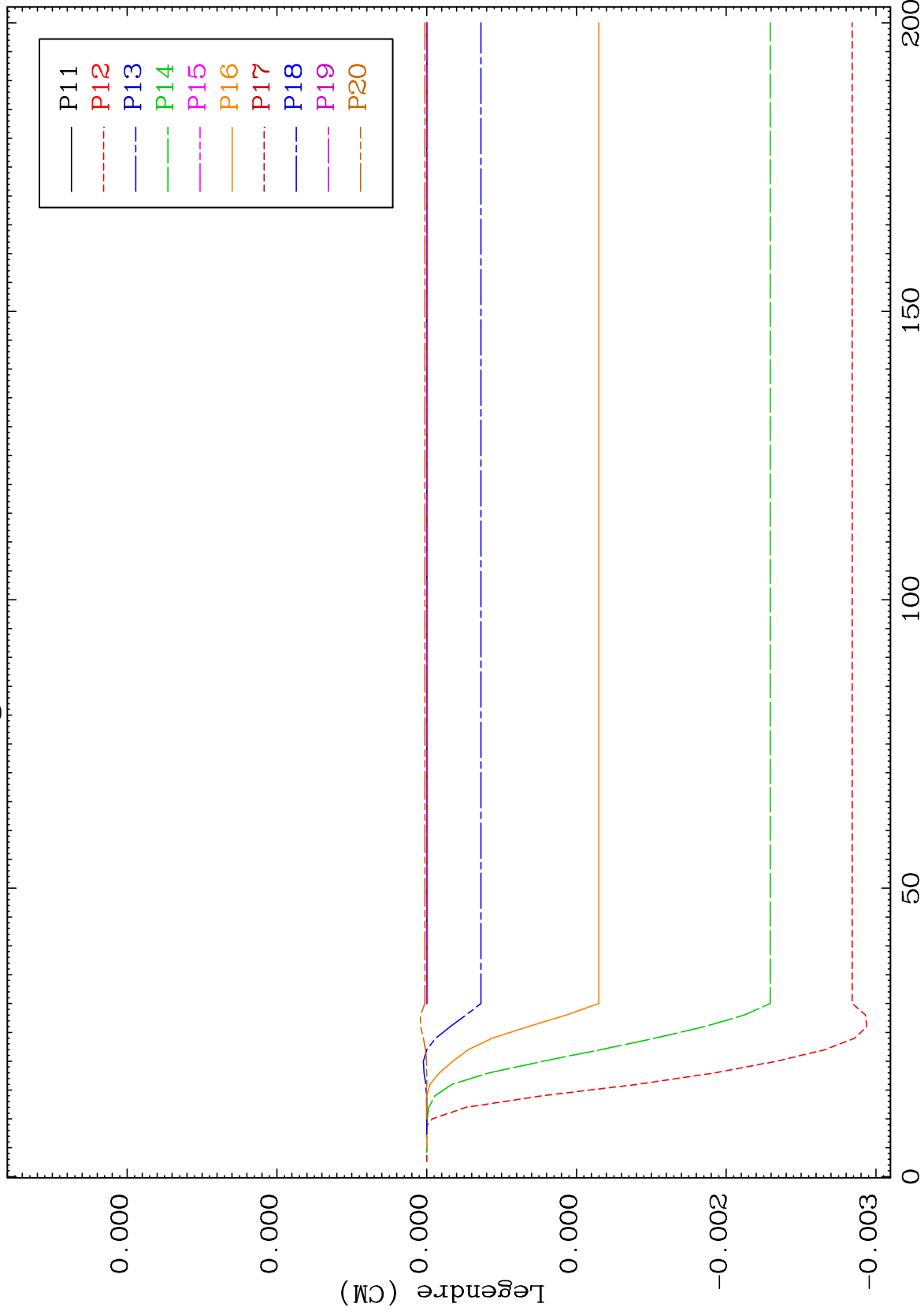
Incident Energy (MeV)

108

MAT 7740

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

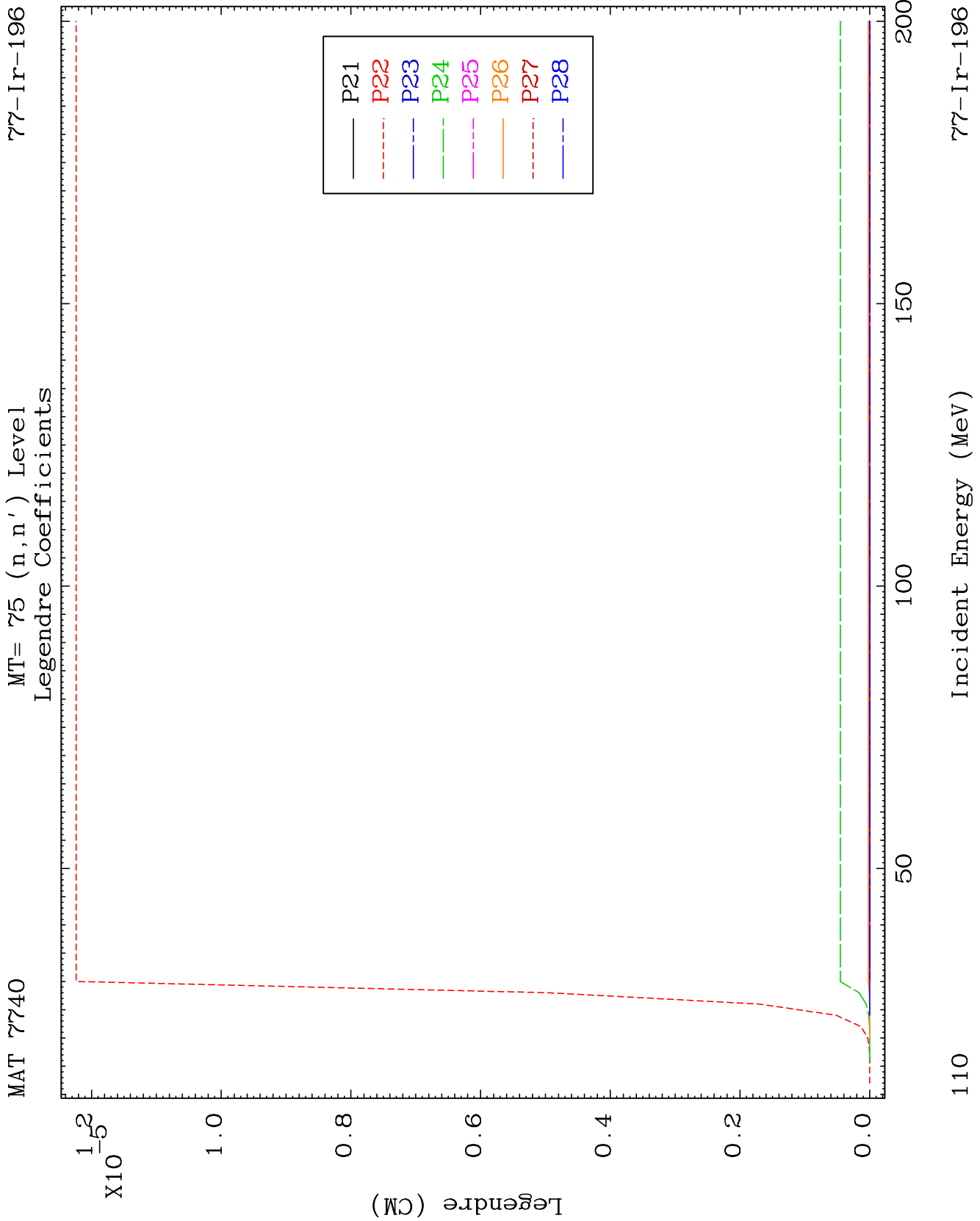
77-Ir-196

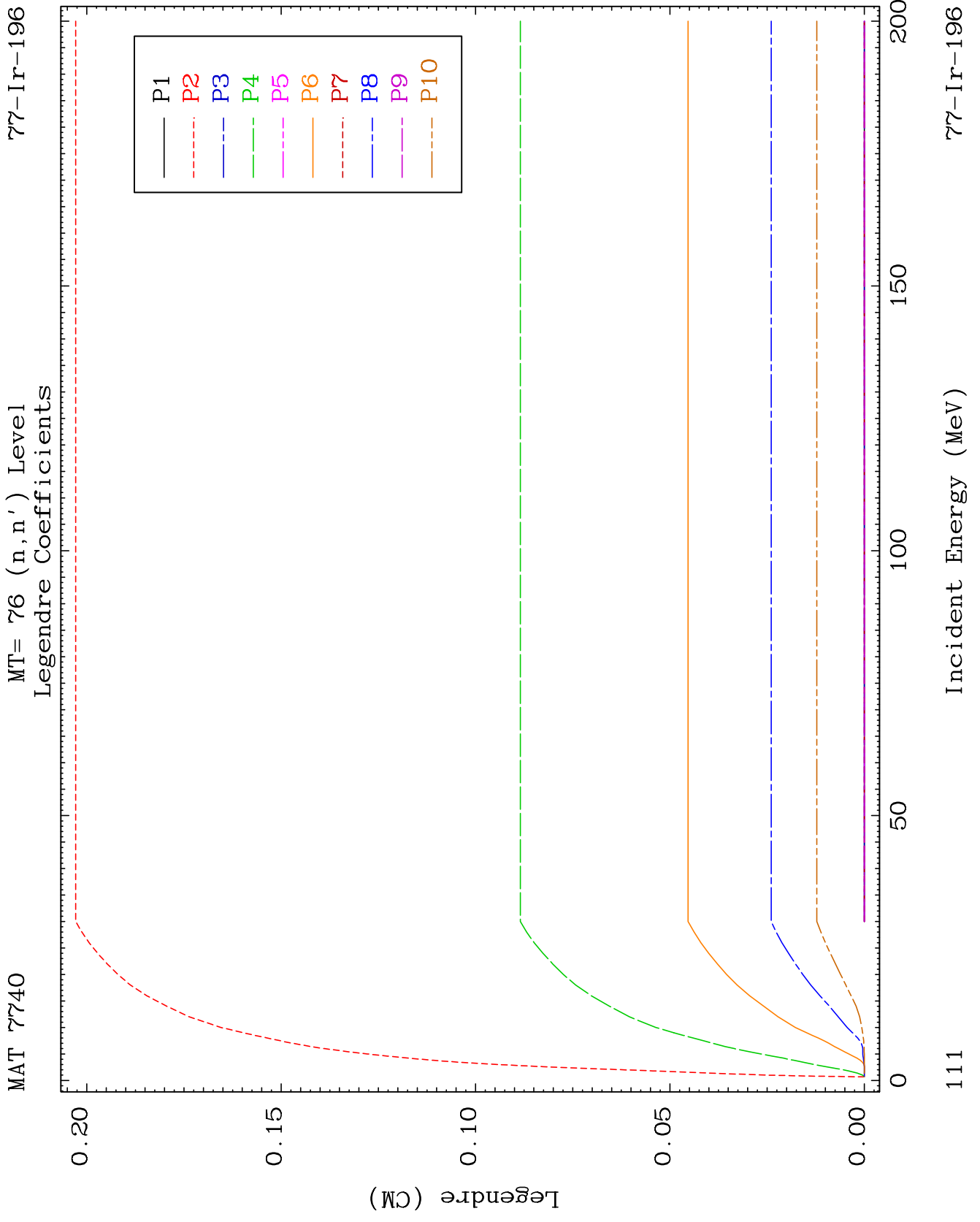


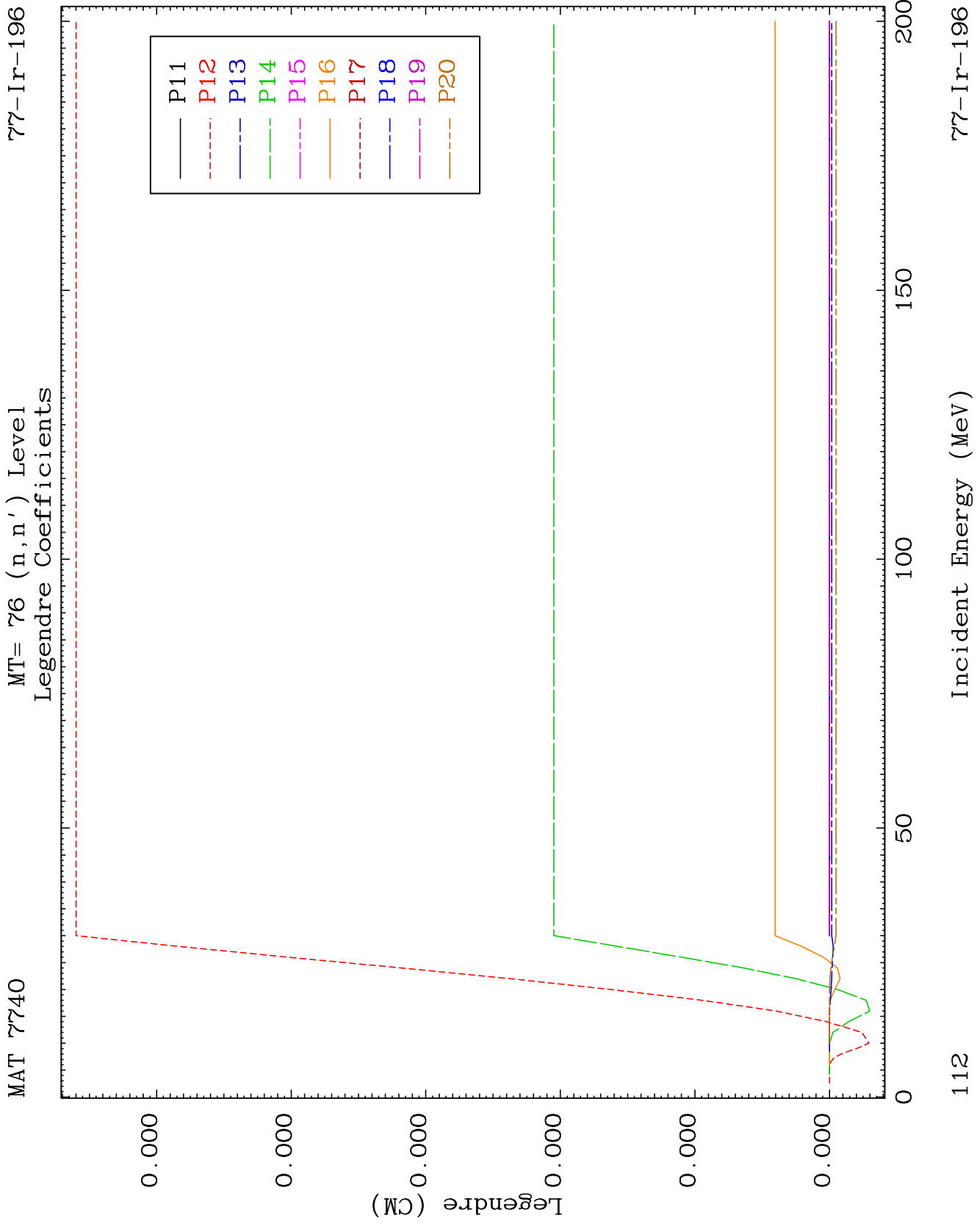
109

Incident Energy (MeV)

77-Ir-196



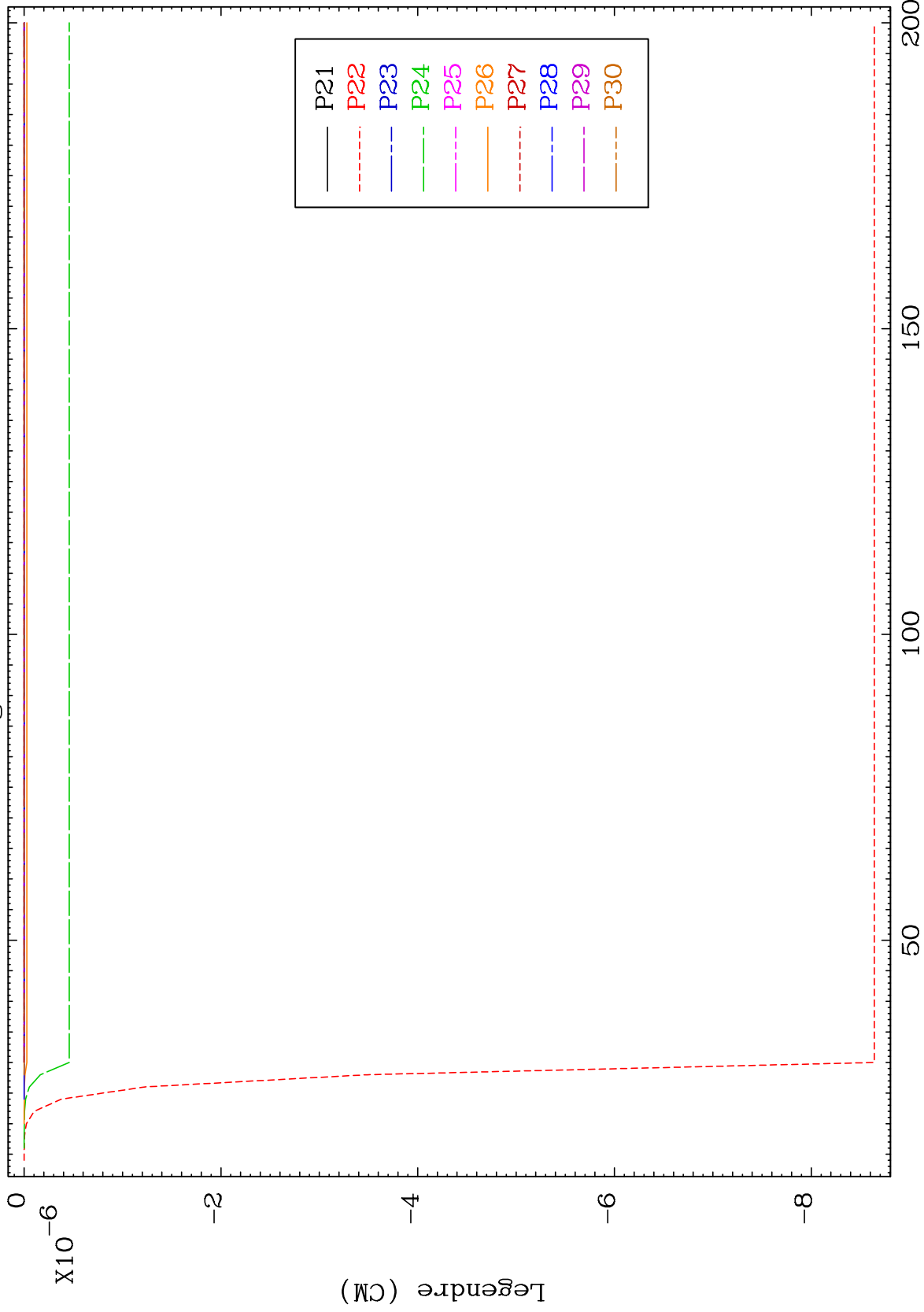




MAT 7740

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

77-Ir-196



113

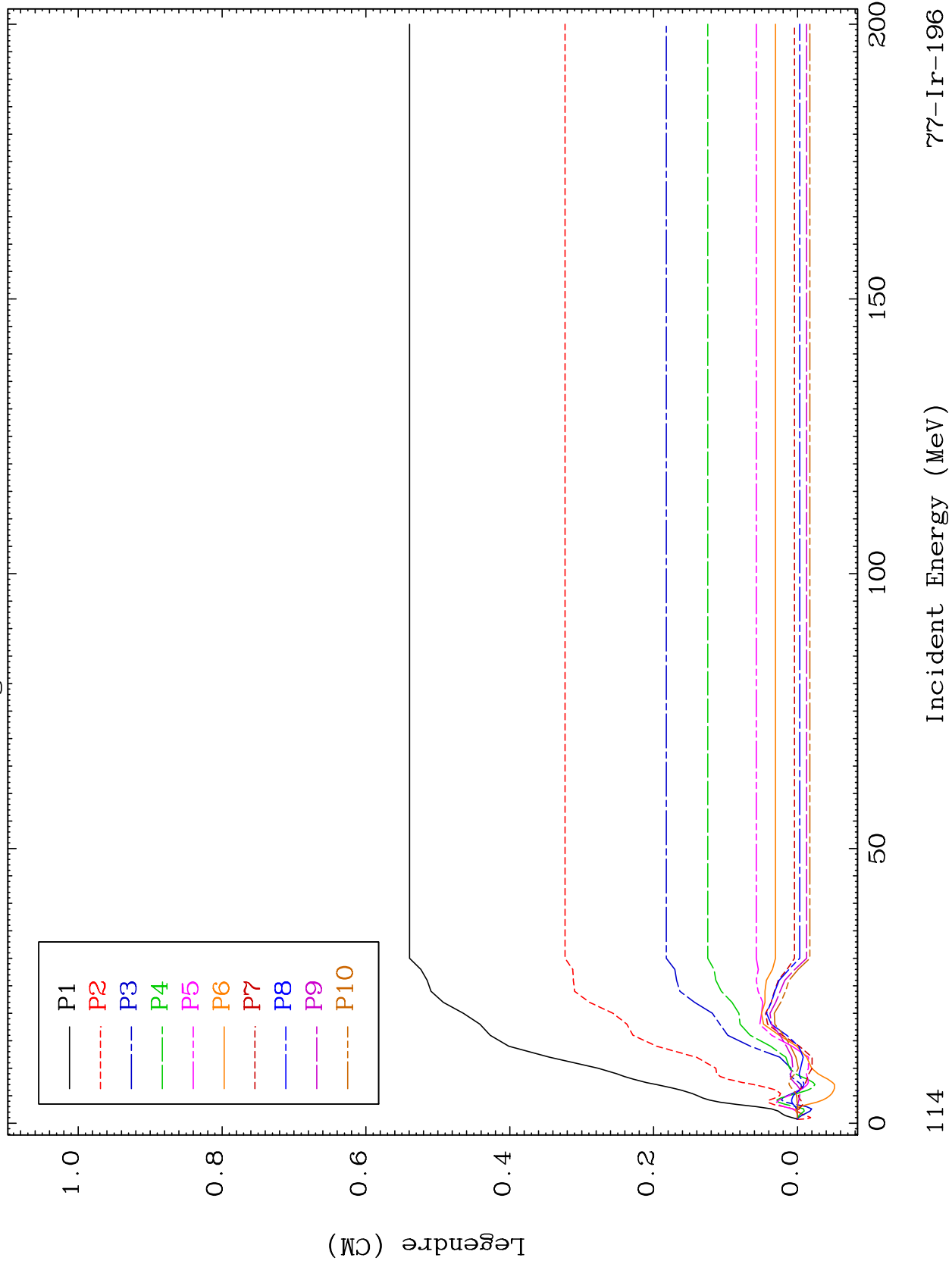
Incident Energy (MeV)

77-Ir-196

MAT 7740

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

77-Ir-196

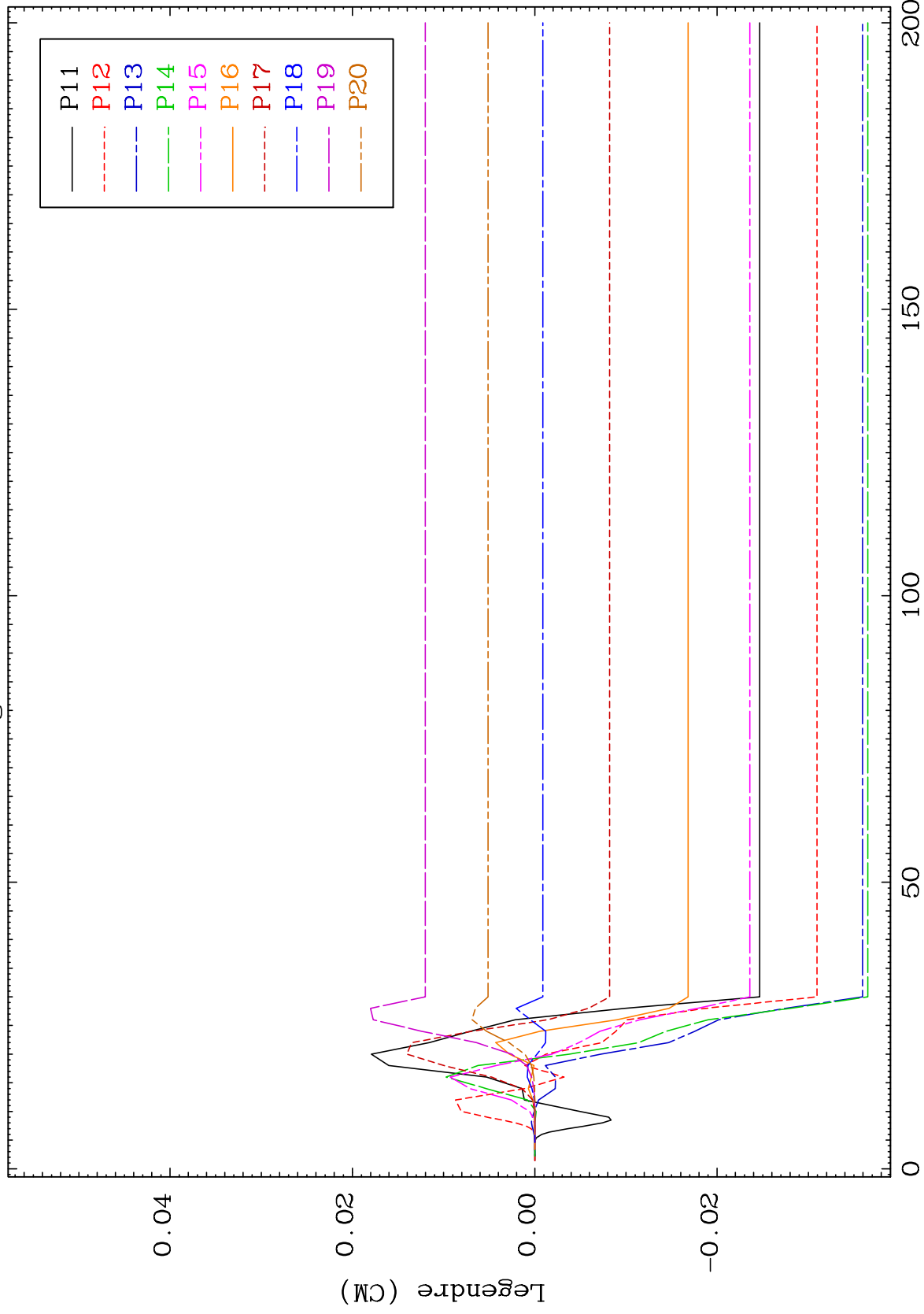


114

MAT 7740

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

77-Ir-196



115

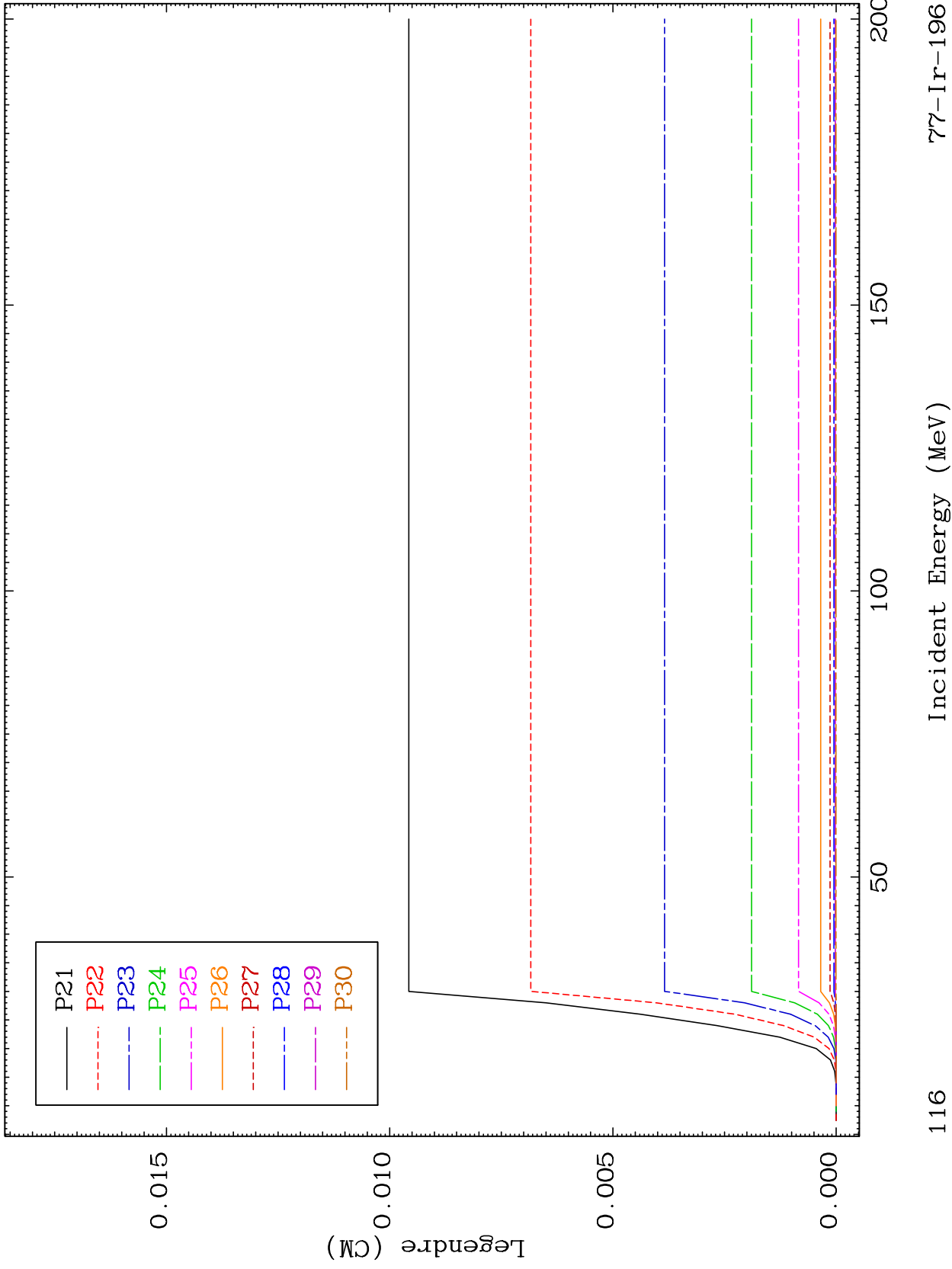
Incident Energy (MeV)

77-Ir-196

MAT 7740

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

77-Ir-196



116

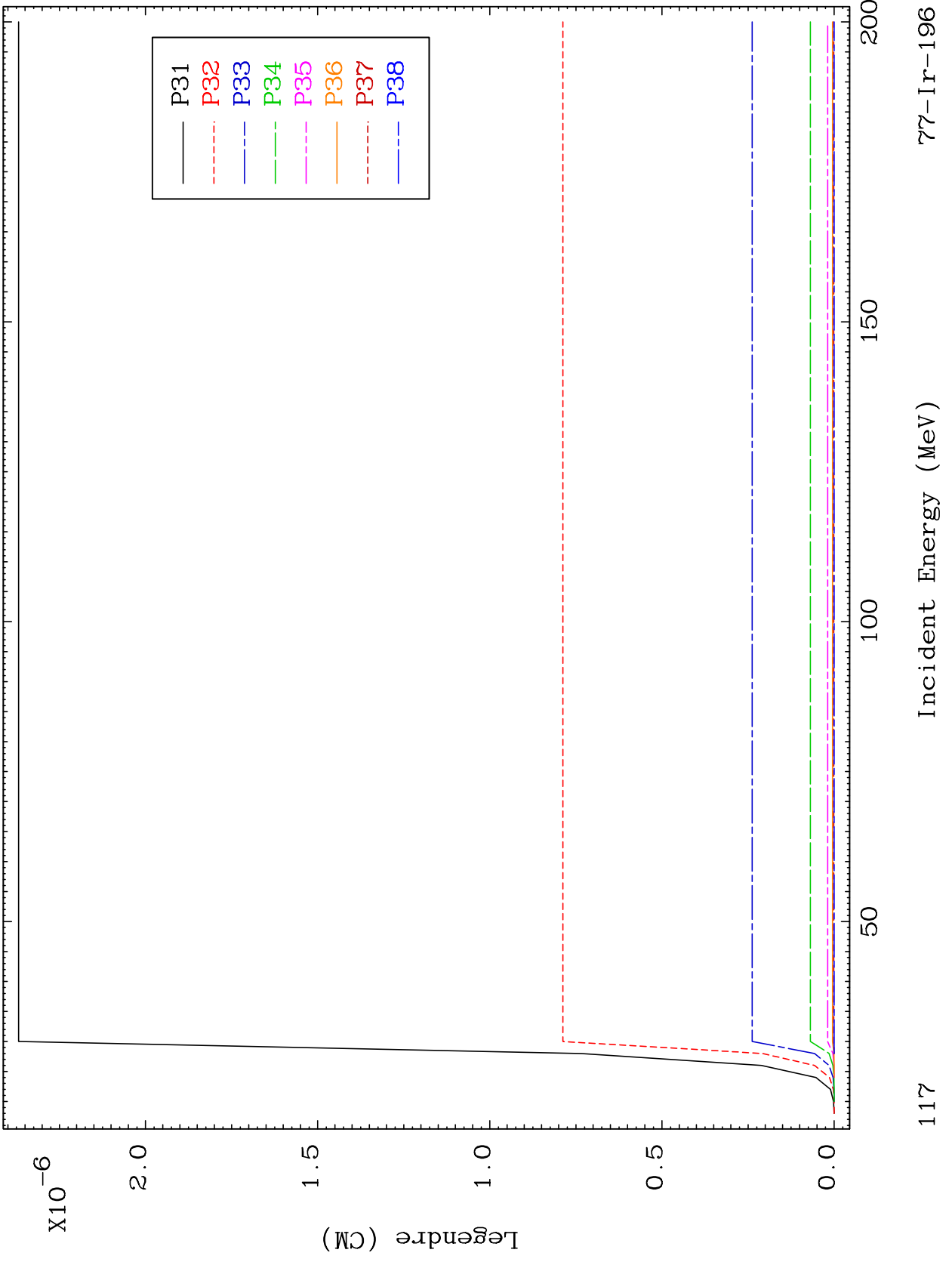
Incident Energy (MeV)

77-Ir-196

MAT 7740

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

77-Ir-196



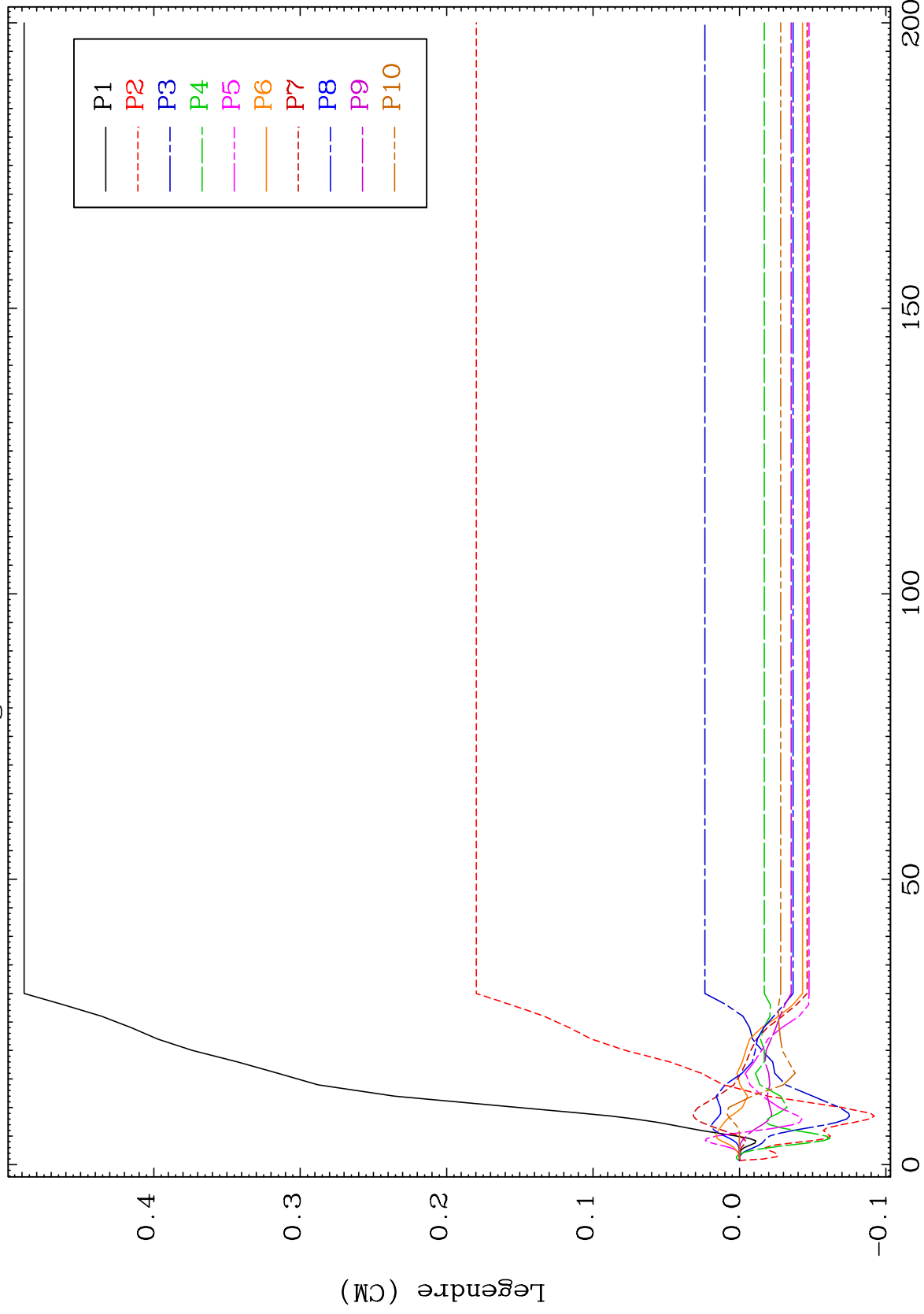
117

77-Ir-196

MAT 7740

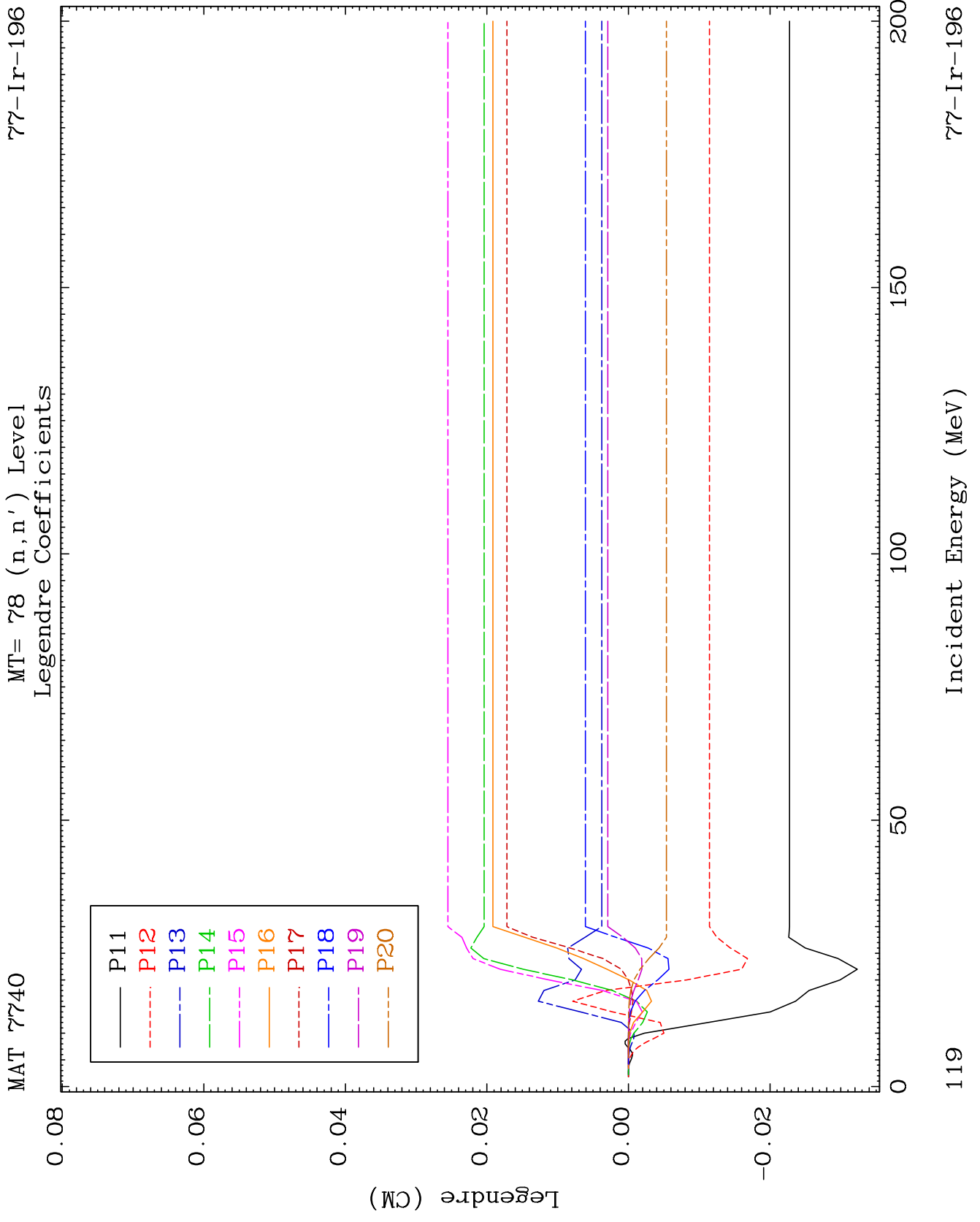
MT= 78 (n,n') Level
Legendre Coefficients

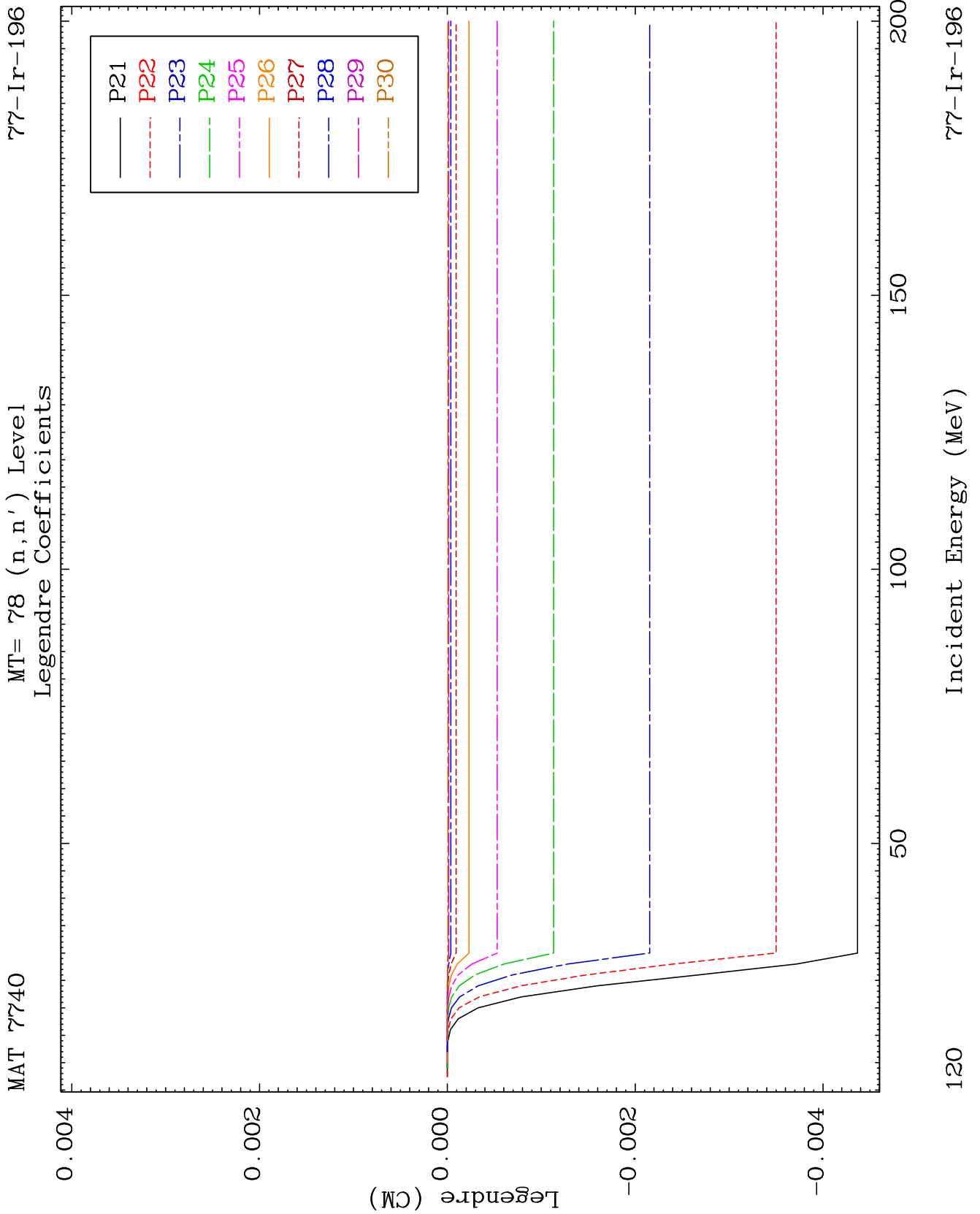
77-Ir-196

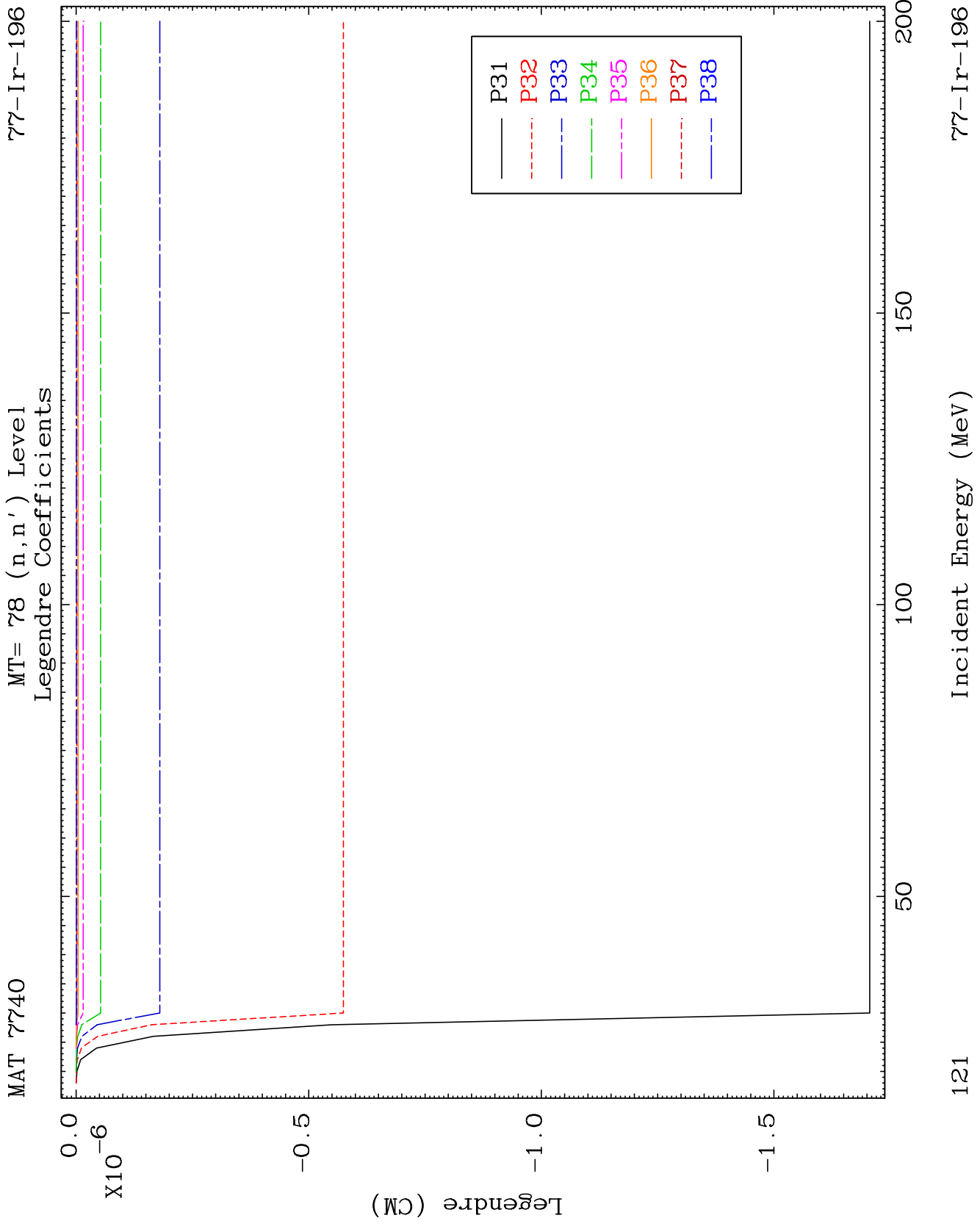


118

77-Ir-196



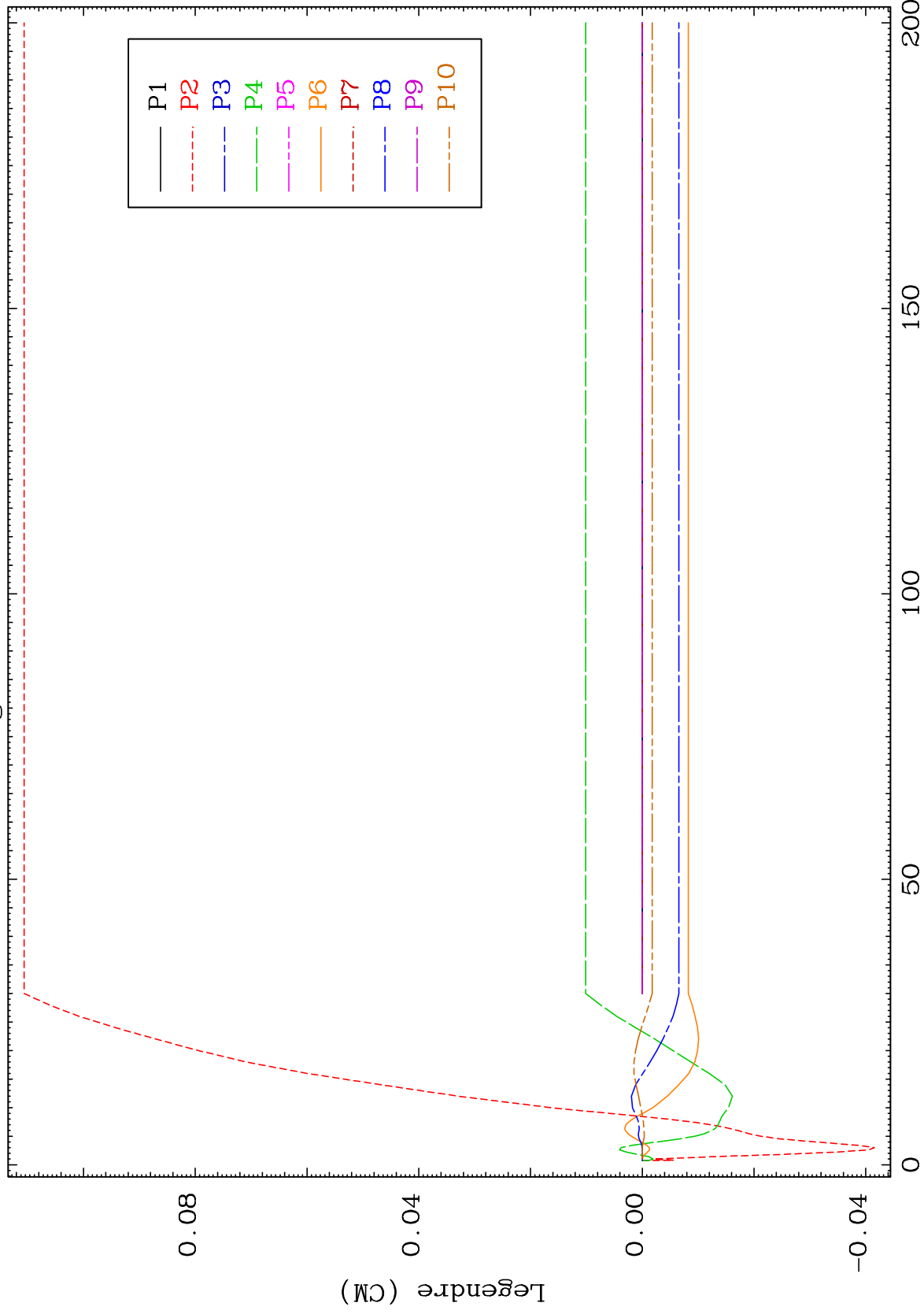




MAT 7740

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

77-Ir-196



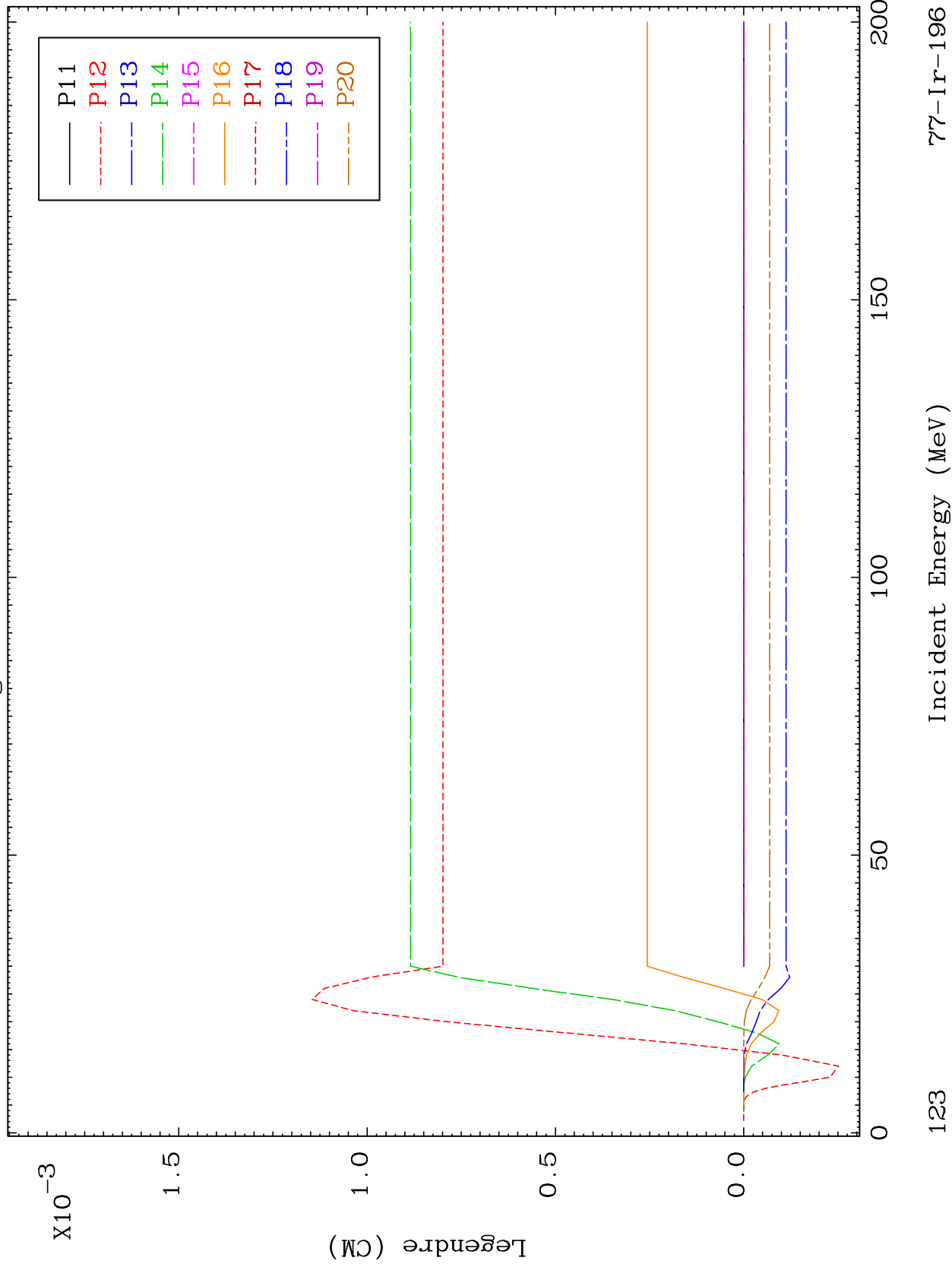
122

77-Ir-196

MAT 7740

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

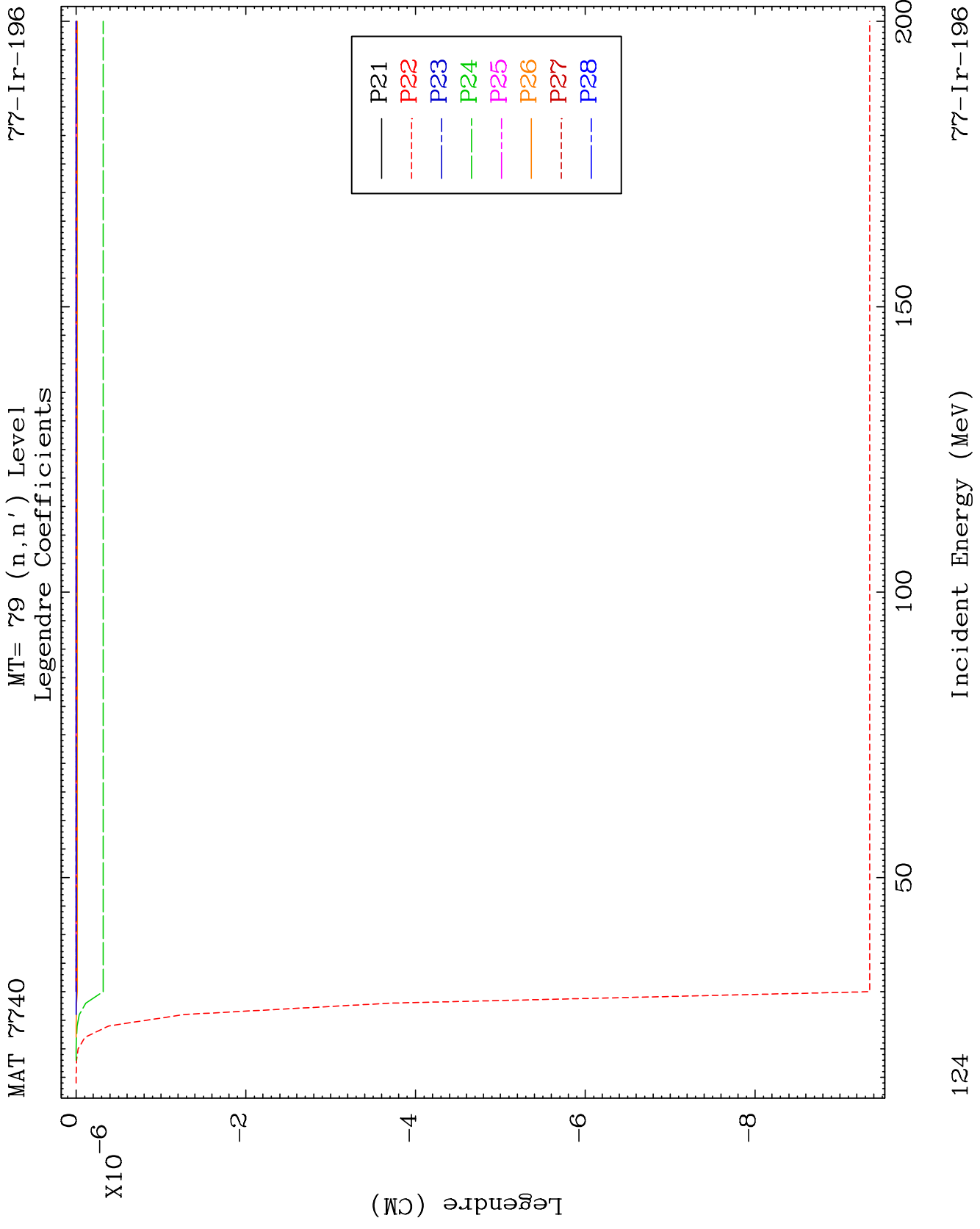
77-Ir-196



123

Incident Energy (MeV)

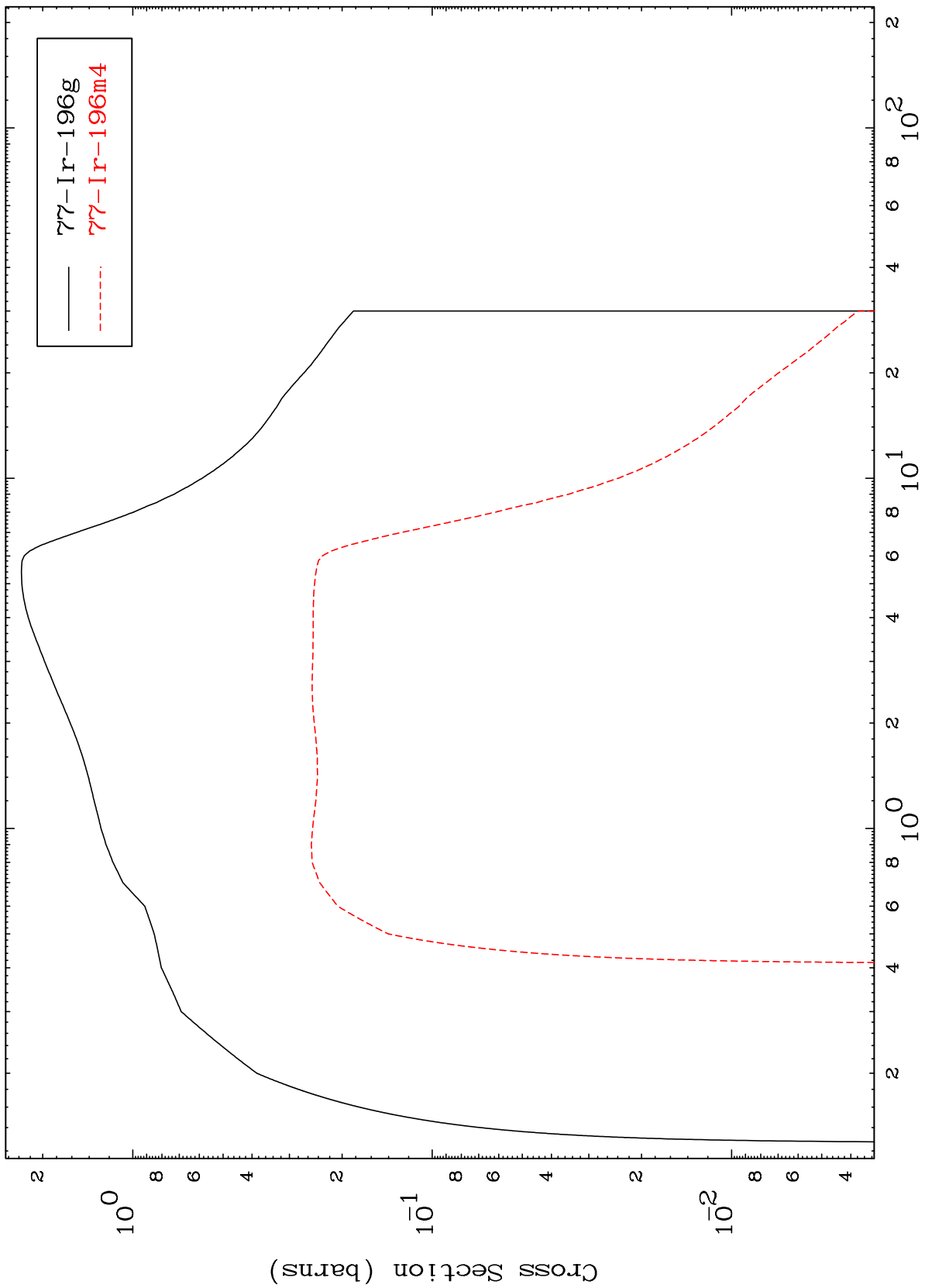
77-Ir-196



MAT 7740

77-Ir-196

Inelastic
Radionuclide Production Cross Section



125

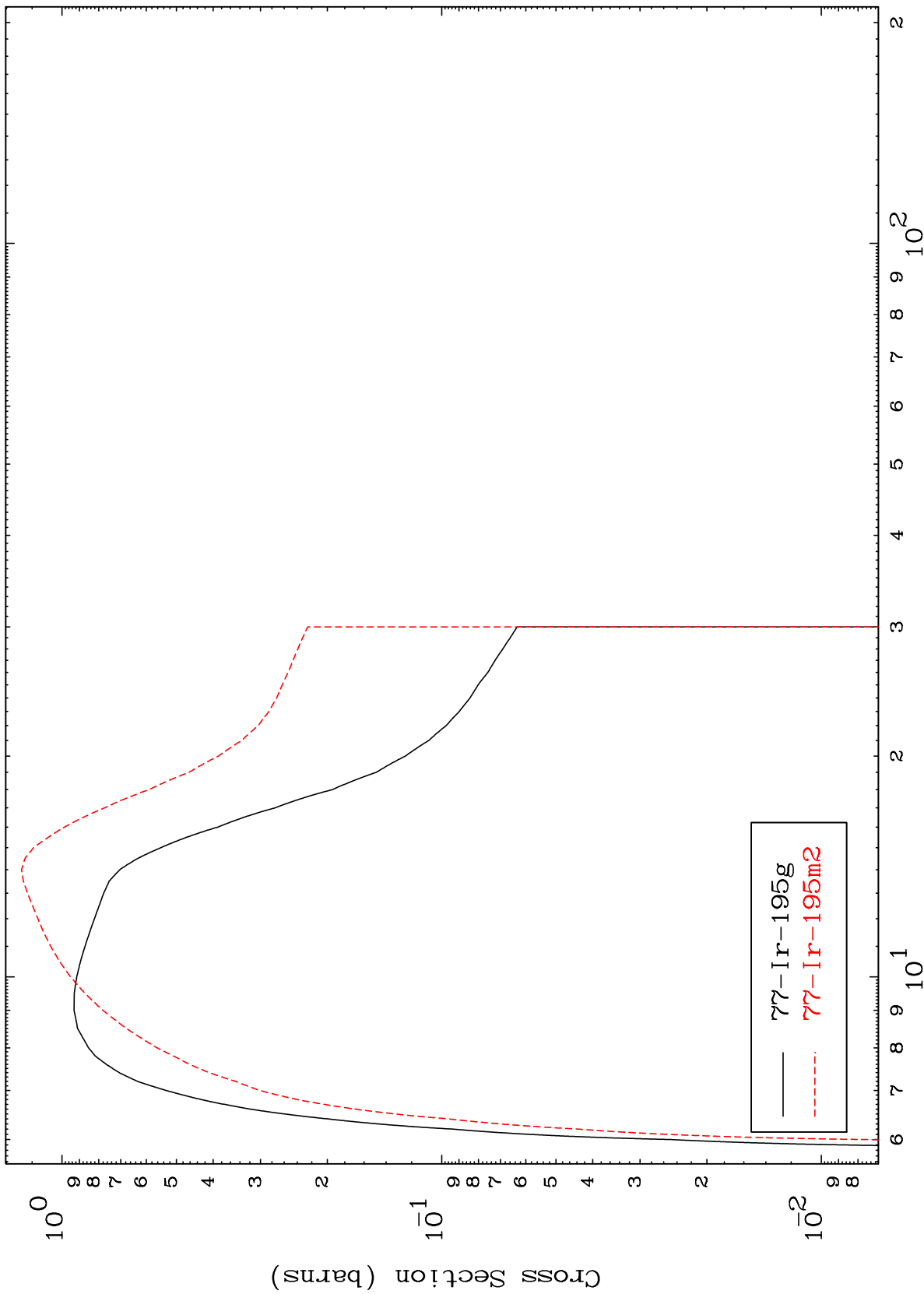
Incident Energy (MeV)

77-Ir-196

MAT 7740

77-Ir-196

(n,2n)
Radionuclide Production Cross Section



77-Ir-195g
77-Ir-195m2

126

Incident Energy (MeV)

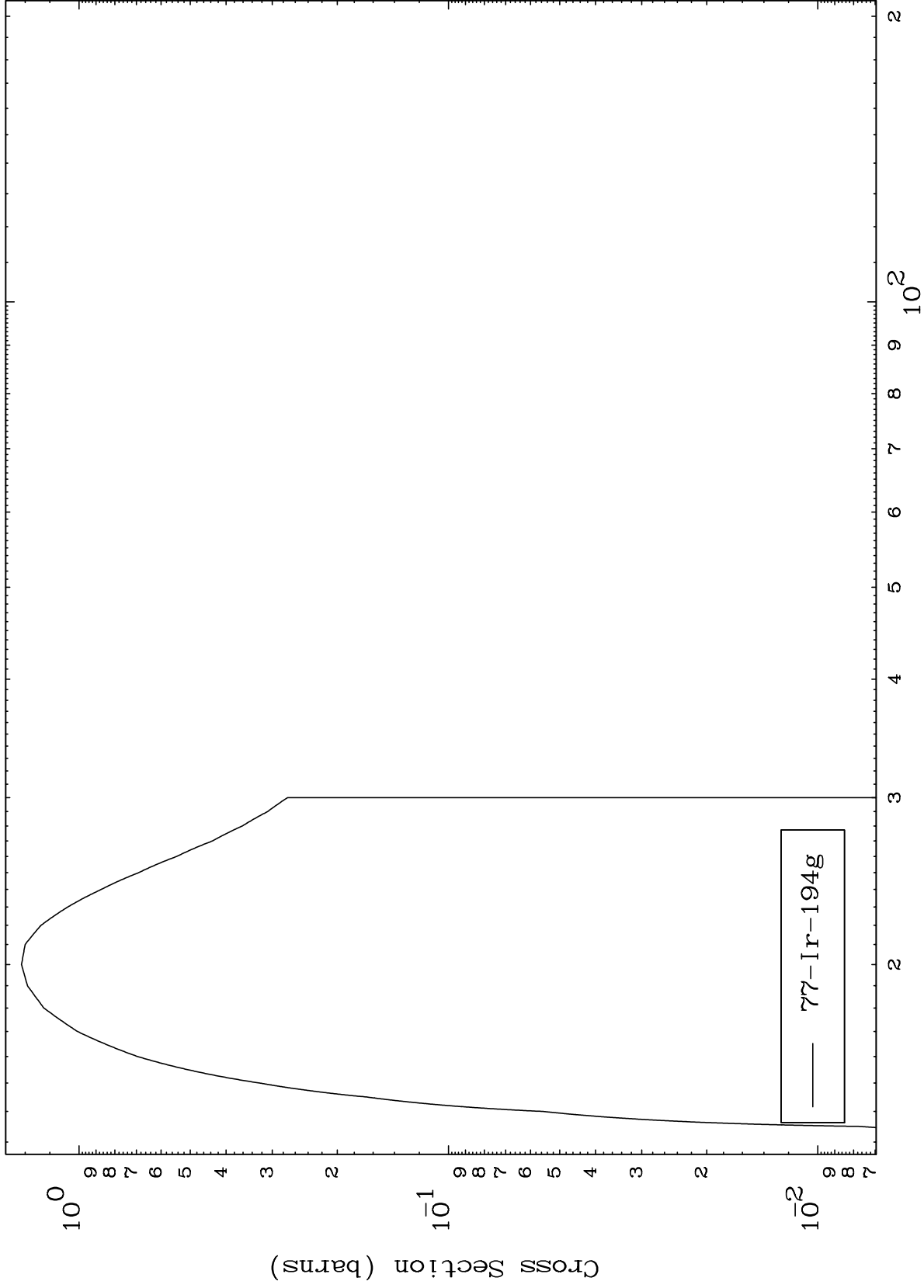
77-Ir-196

MAT 7740

(n,3n)

77-Ir-196

Radionuclide Production Cross Section



127

Incident Energy (MeV)

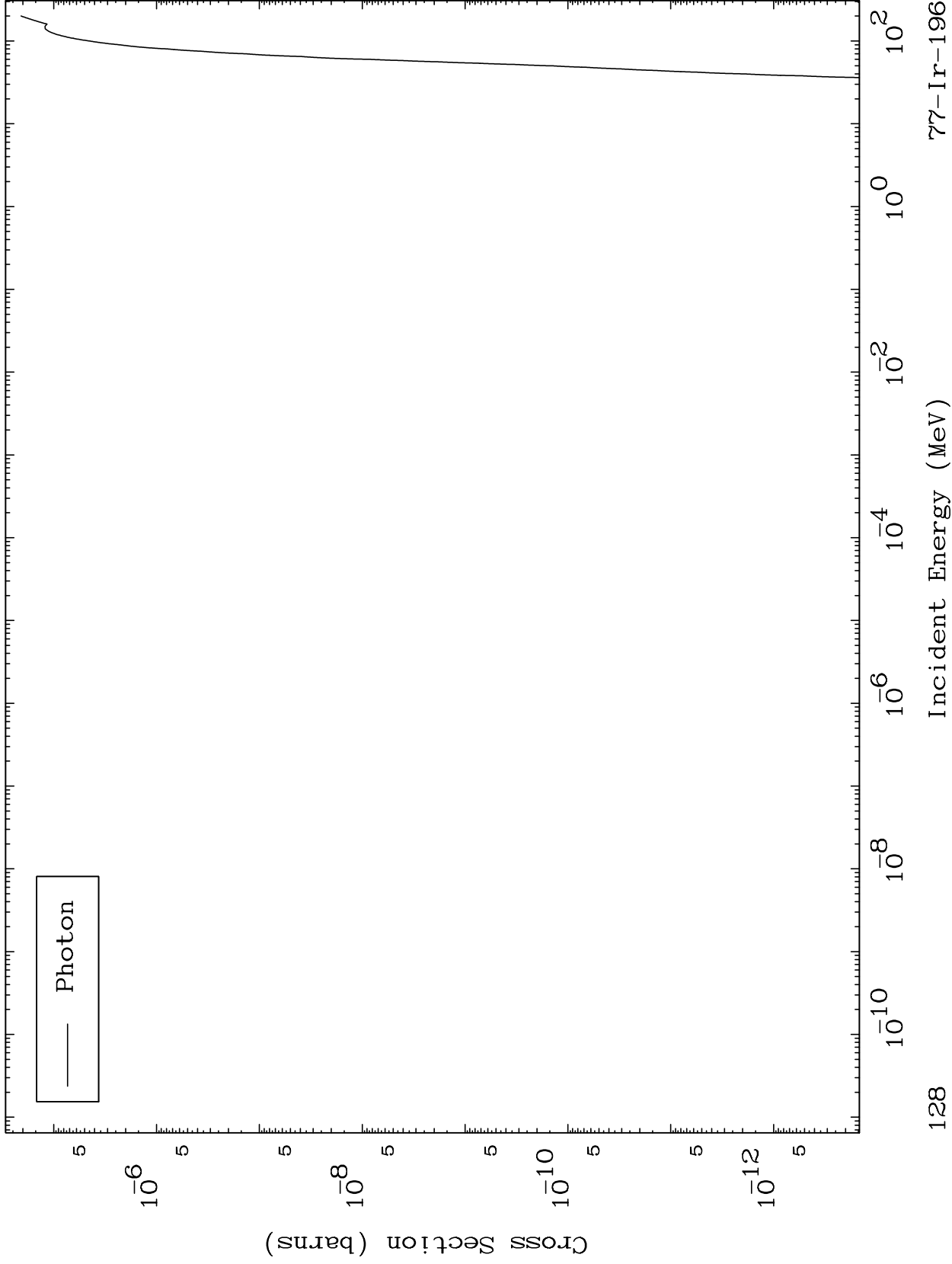
77-Ir-196

MAT 7740

Fission

⁷⁷Ir-196

Radionuclide Production Cross Section

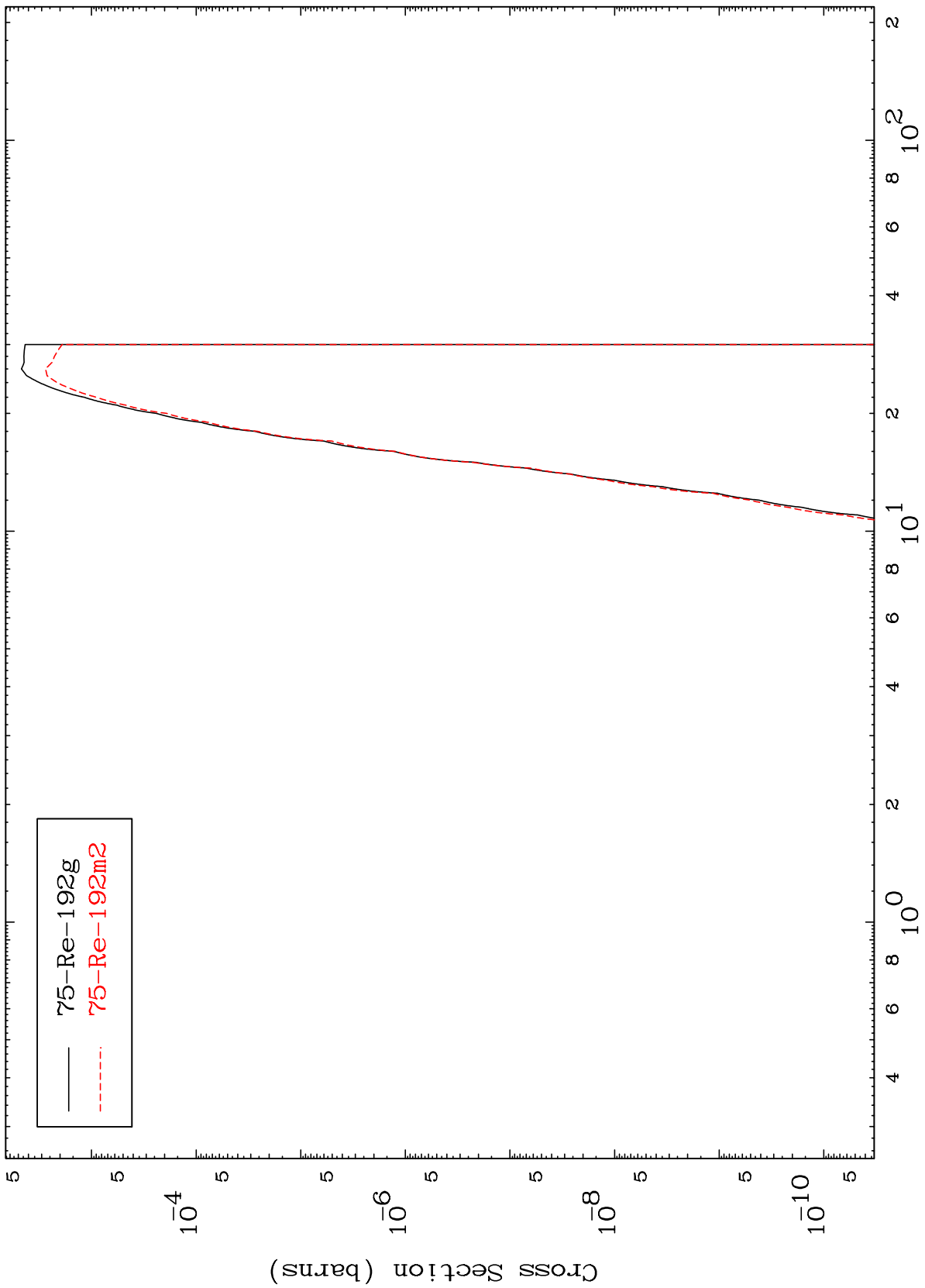


MAT 7740

$(n, n') \alpha$

77-Ir-196

Radionuclide Production Cross Section



129

Incident Energy (MeV)

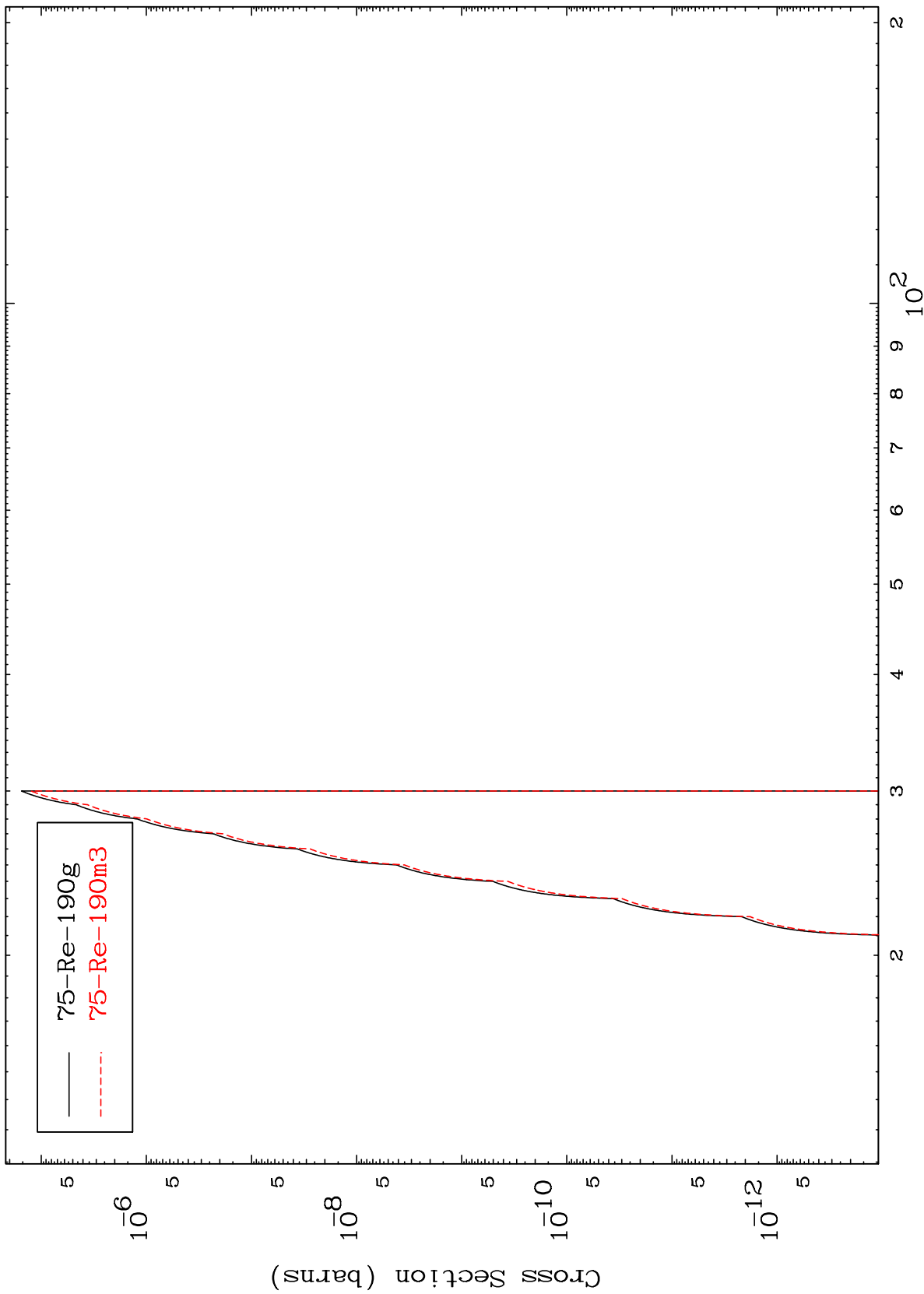
77-Ir-196

MAT 7740

(n,3n) α

77-Ir-196

Radionuclide Production Cross Section



130

Incident Energy (MeV)

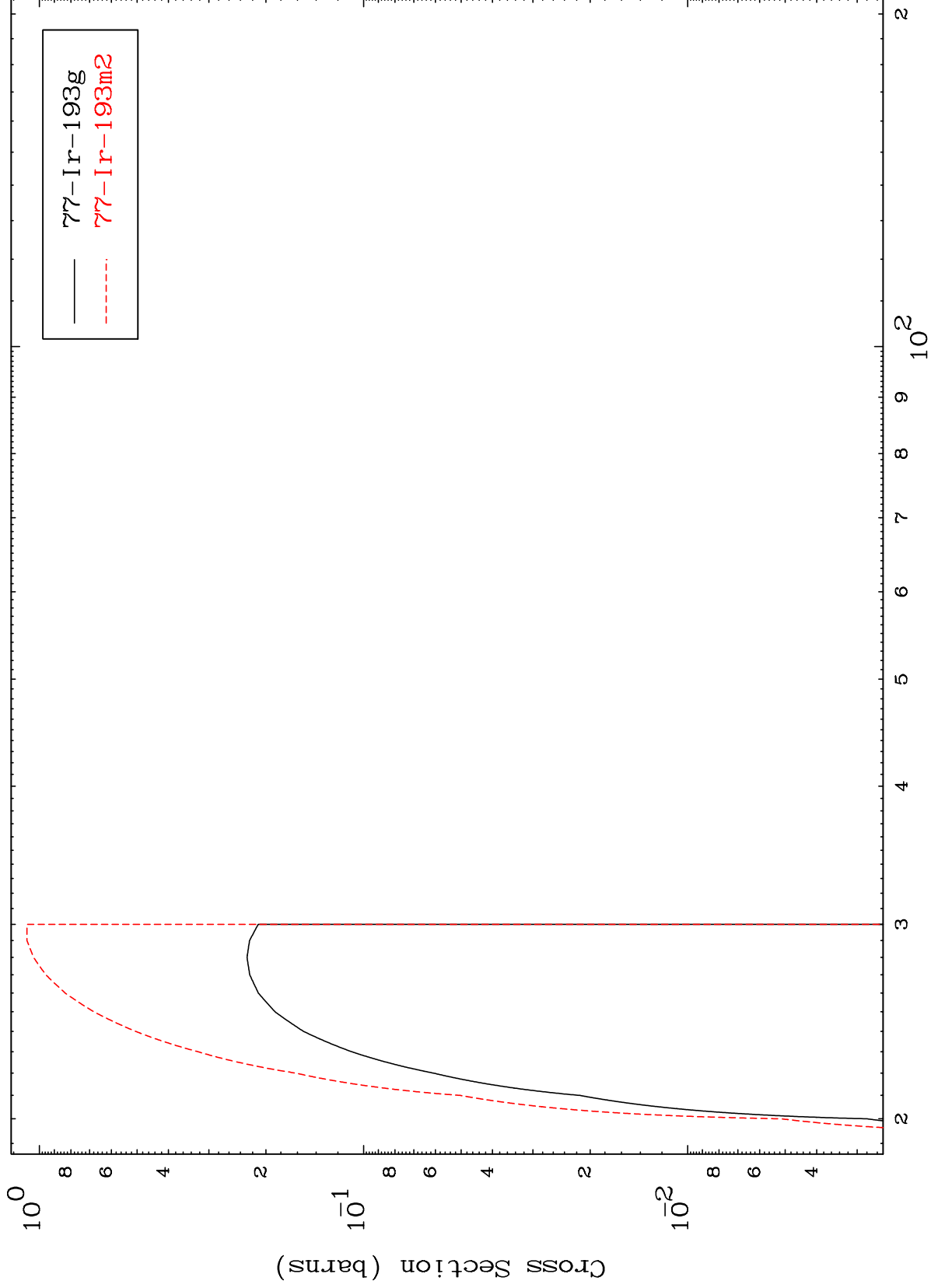
77-Ir-196

MAT 7740

(n,4n)

77-Ir-196

Radionuclide Production Cross Section



131

Incident Energy (MeV)

77-Ir-196

MAT 7740

⁷⁷Ir-196

^(n,γ)
Radionuclide Production Cross Section

