

Program EVALPLOT
(Version 2018-1)

by

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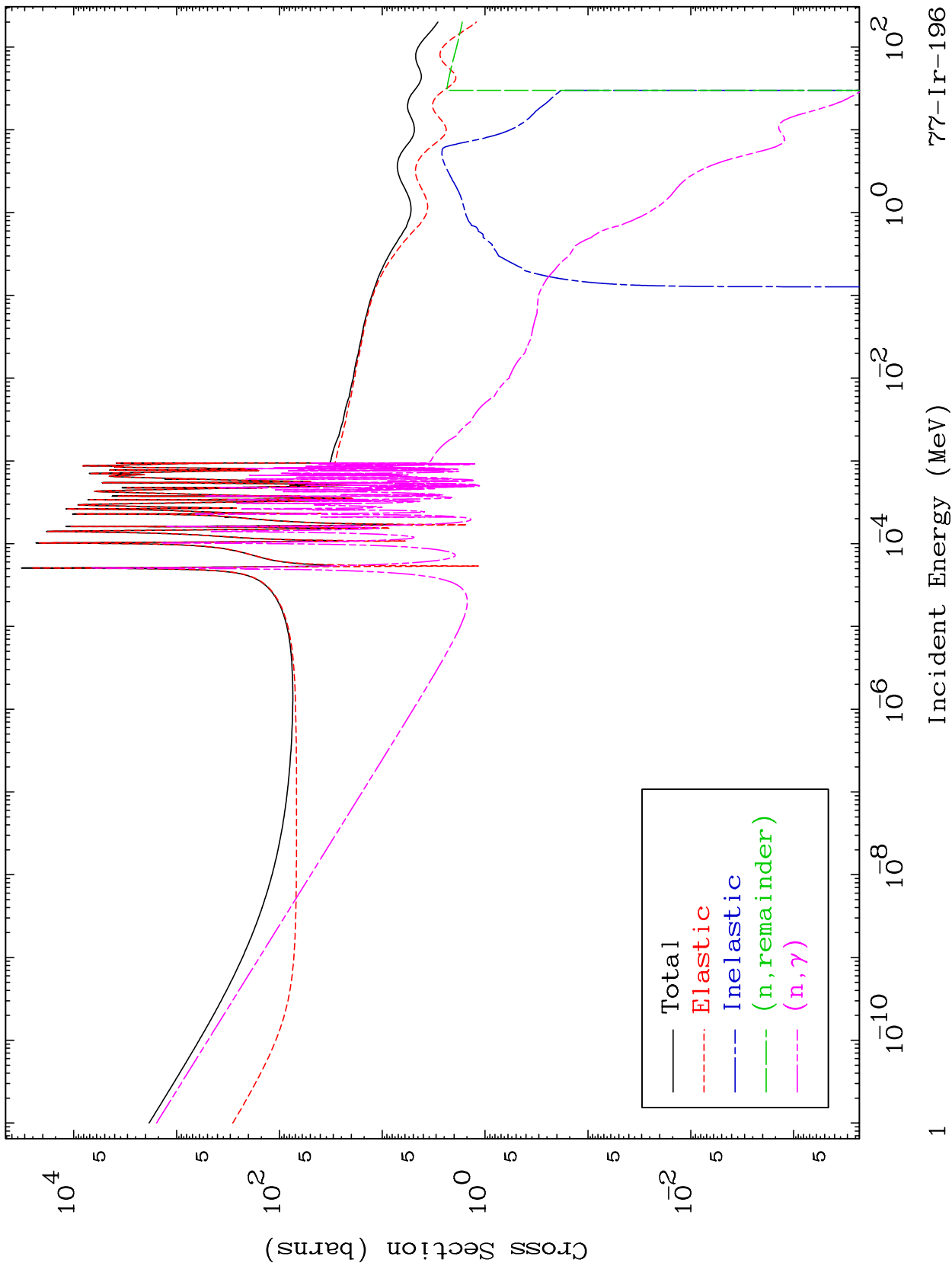
Press Mouse Button to Start

MAT 7740

Major

293 Kelvin Cross Sections

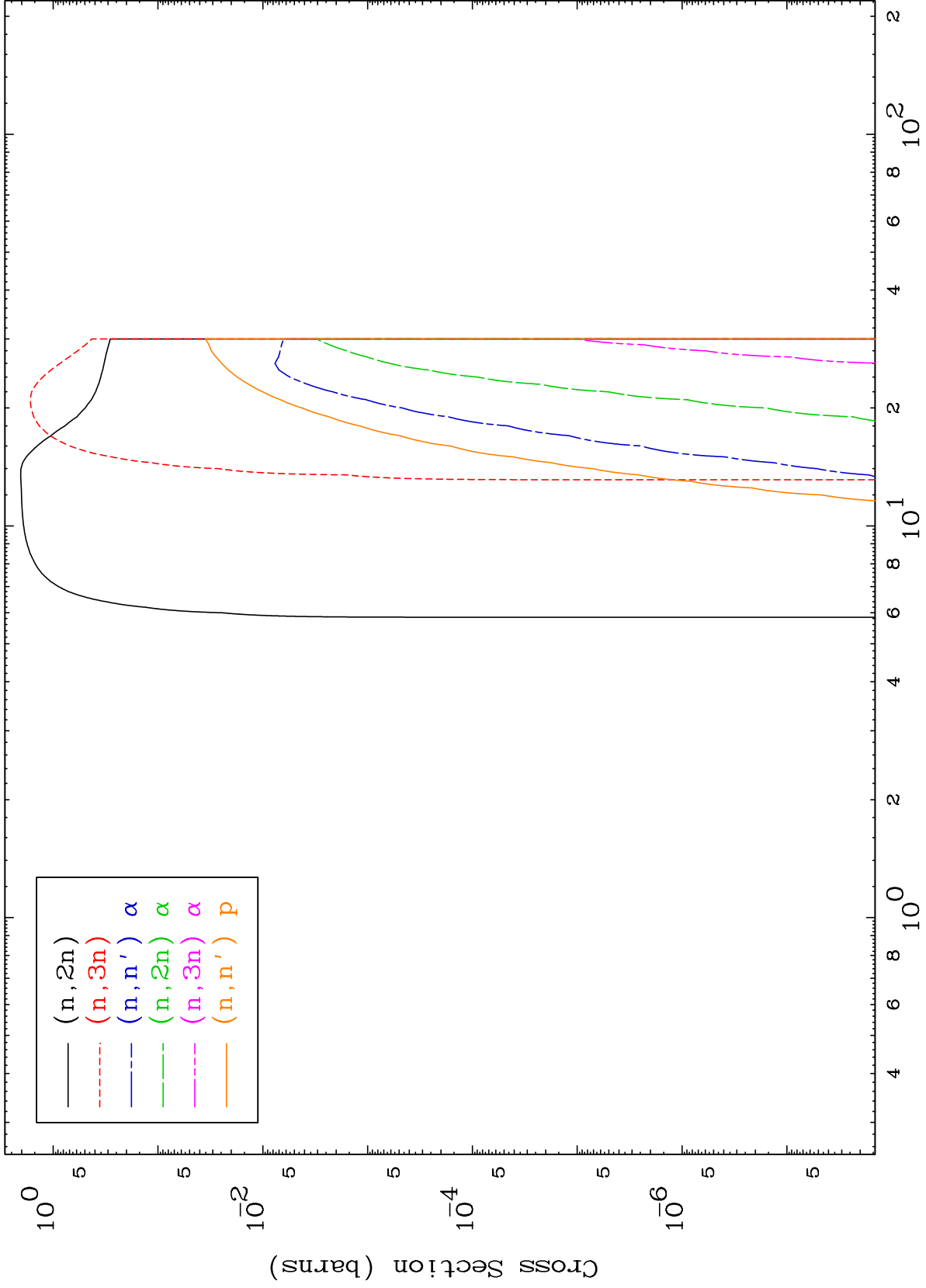
77-Ir-196

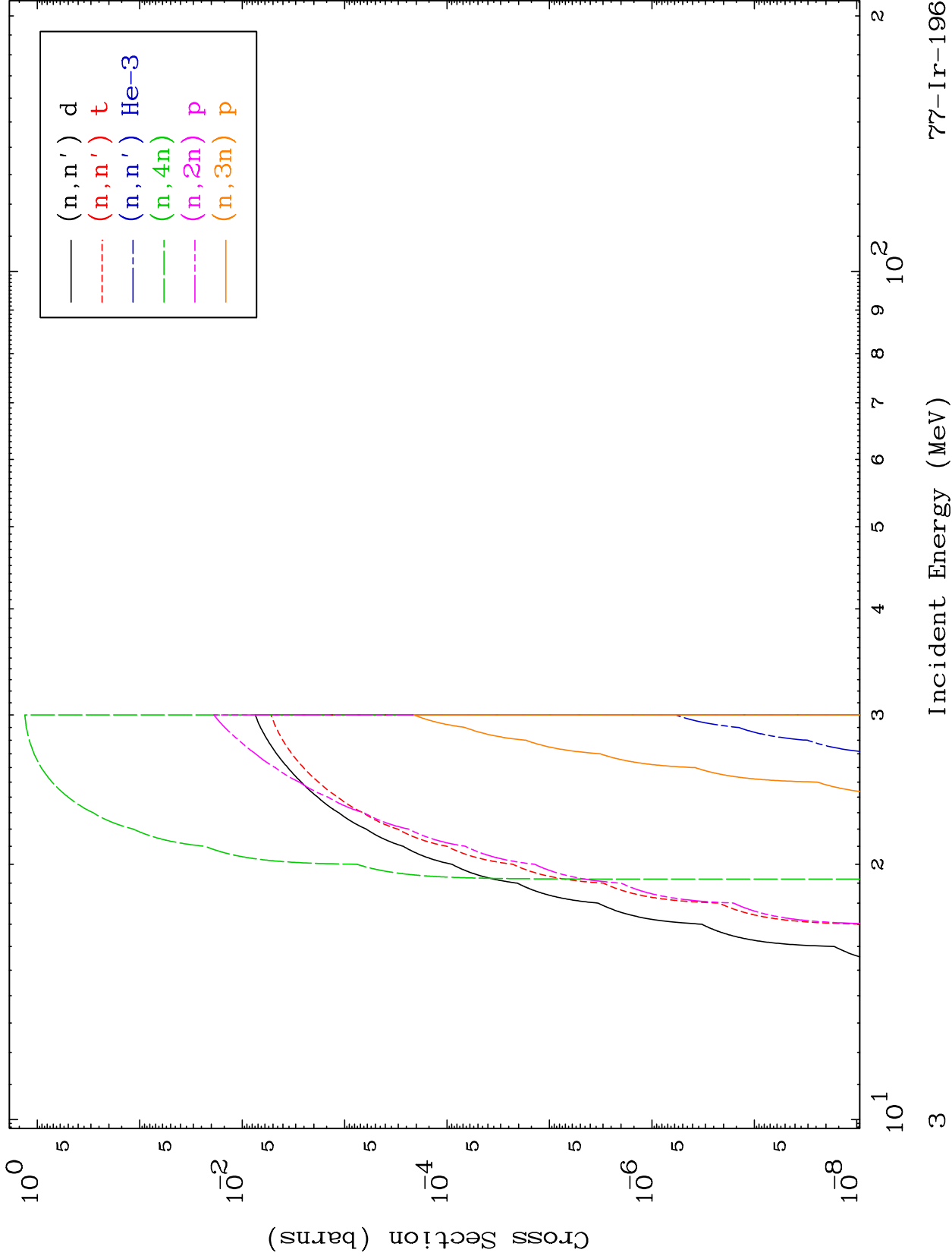


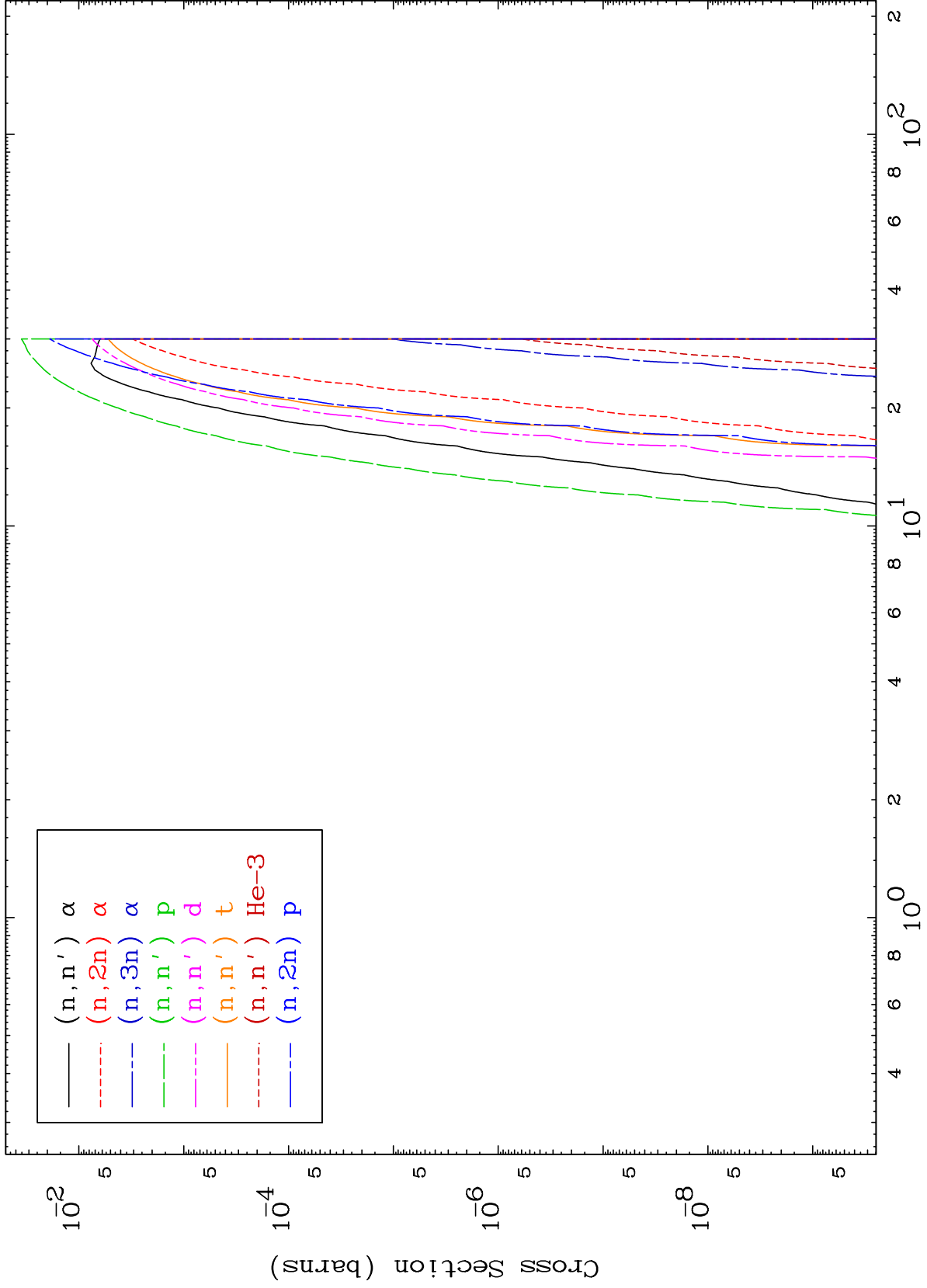
MAT 7740

Neutron Production
293 Kelvin Cross Sections

77-Ir-196



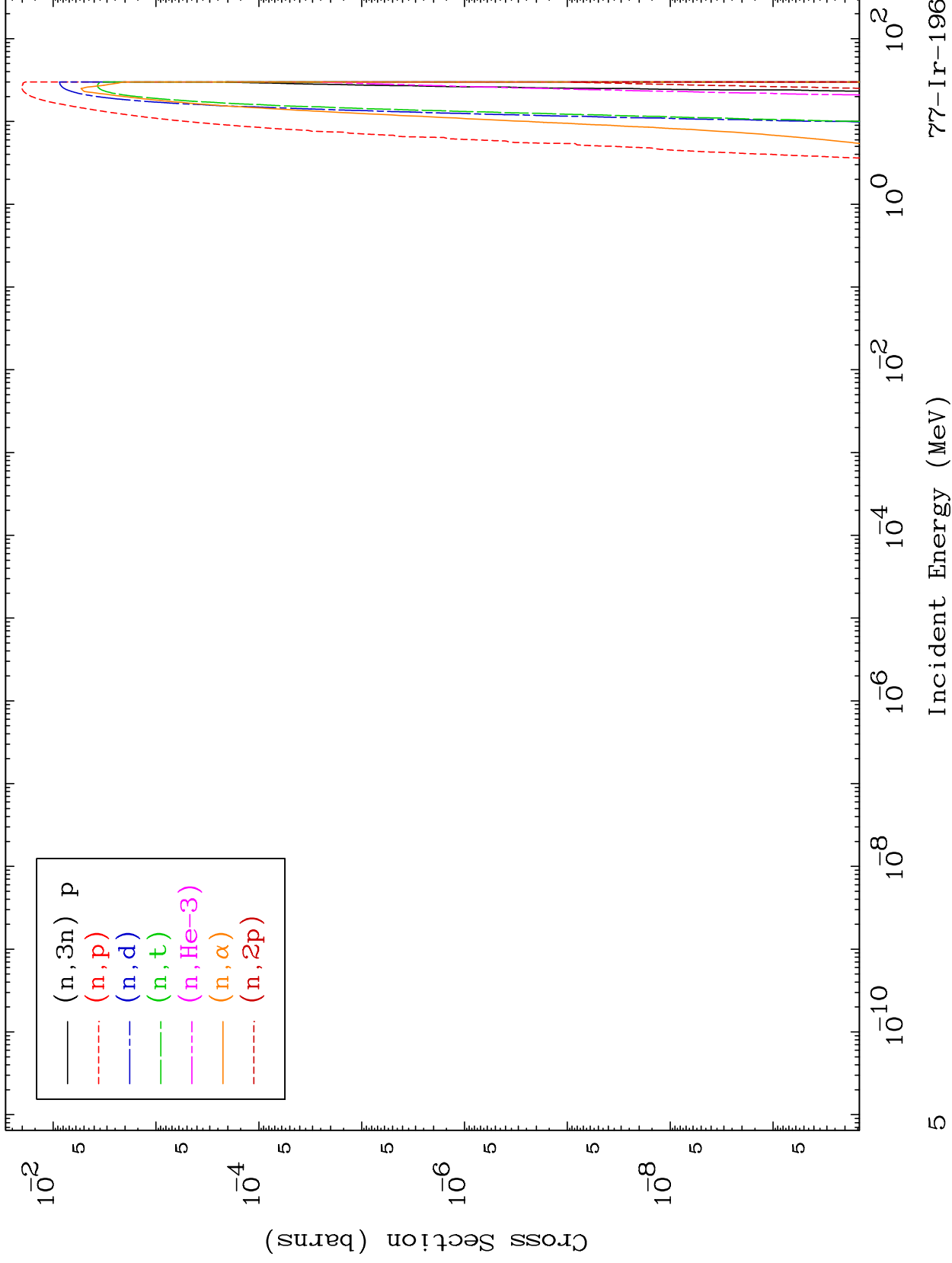




MAT 7740

Charged Particle
293 Kelvin Cross Sections

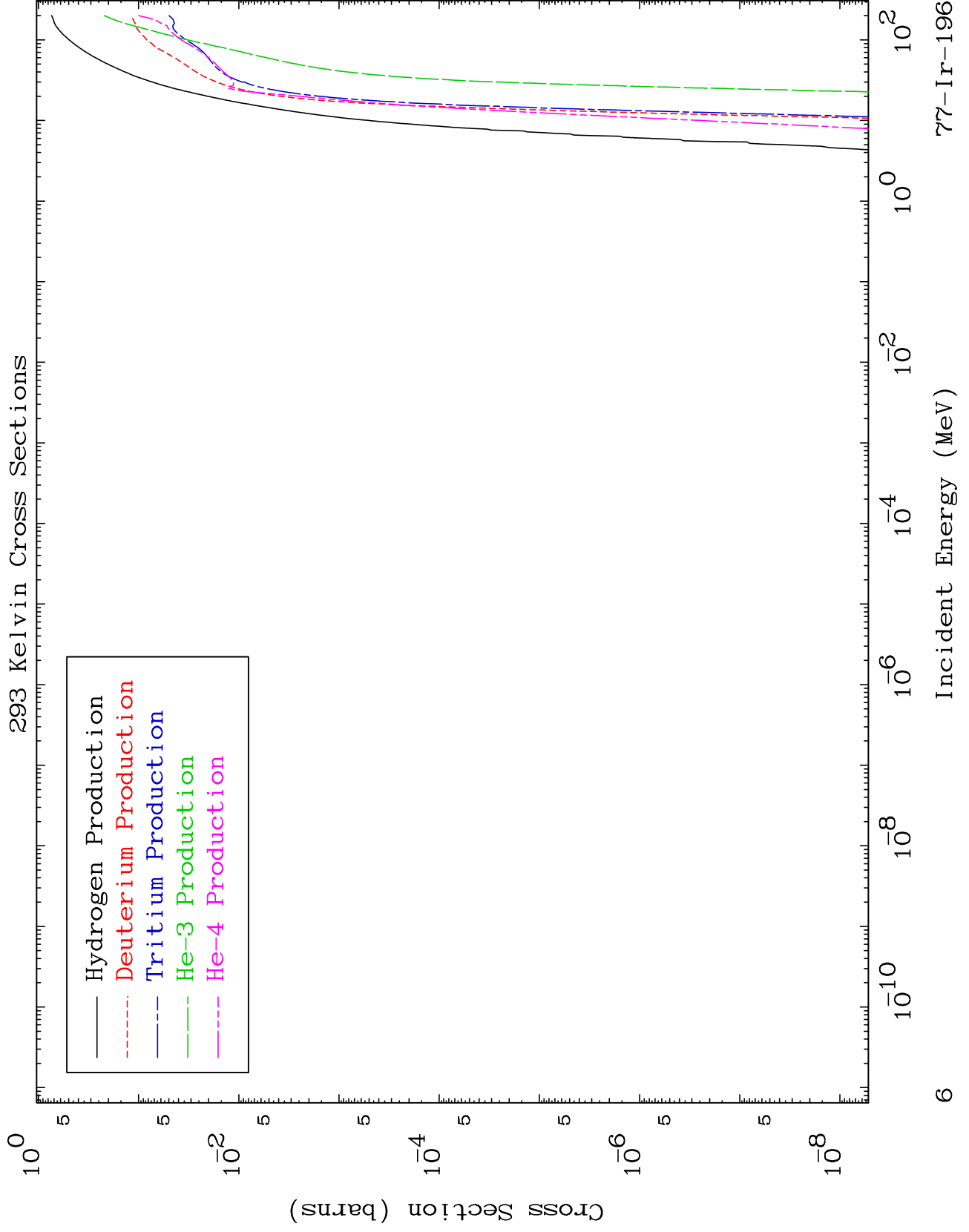
77-Ir-196



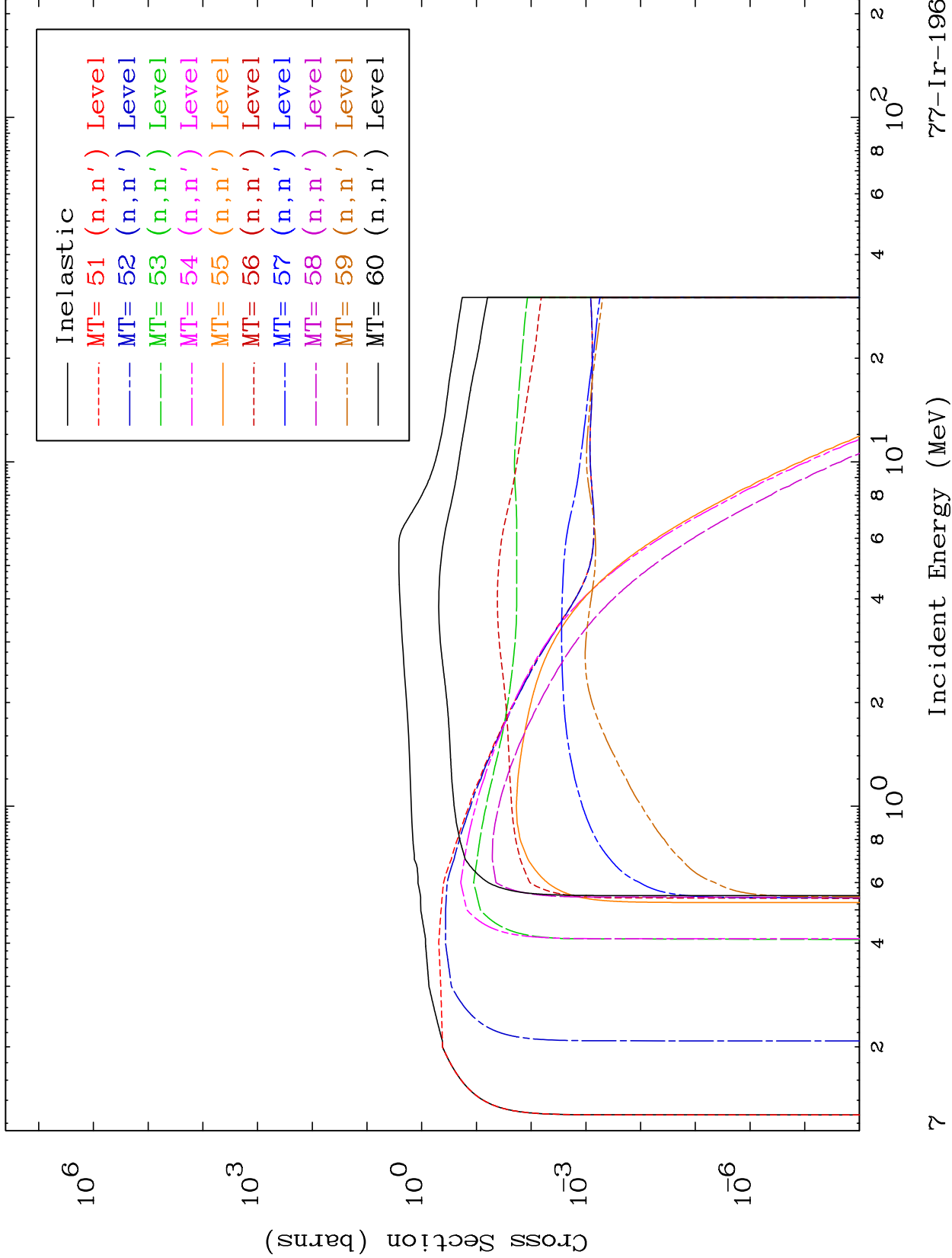
MAT 7740

Particle Production
293 Kelvin Cross Sections

⁷⁷Ir-196



293 Kelvin Cross Sections

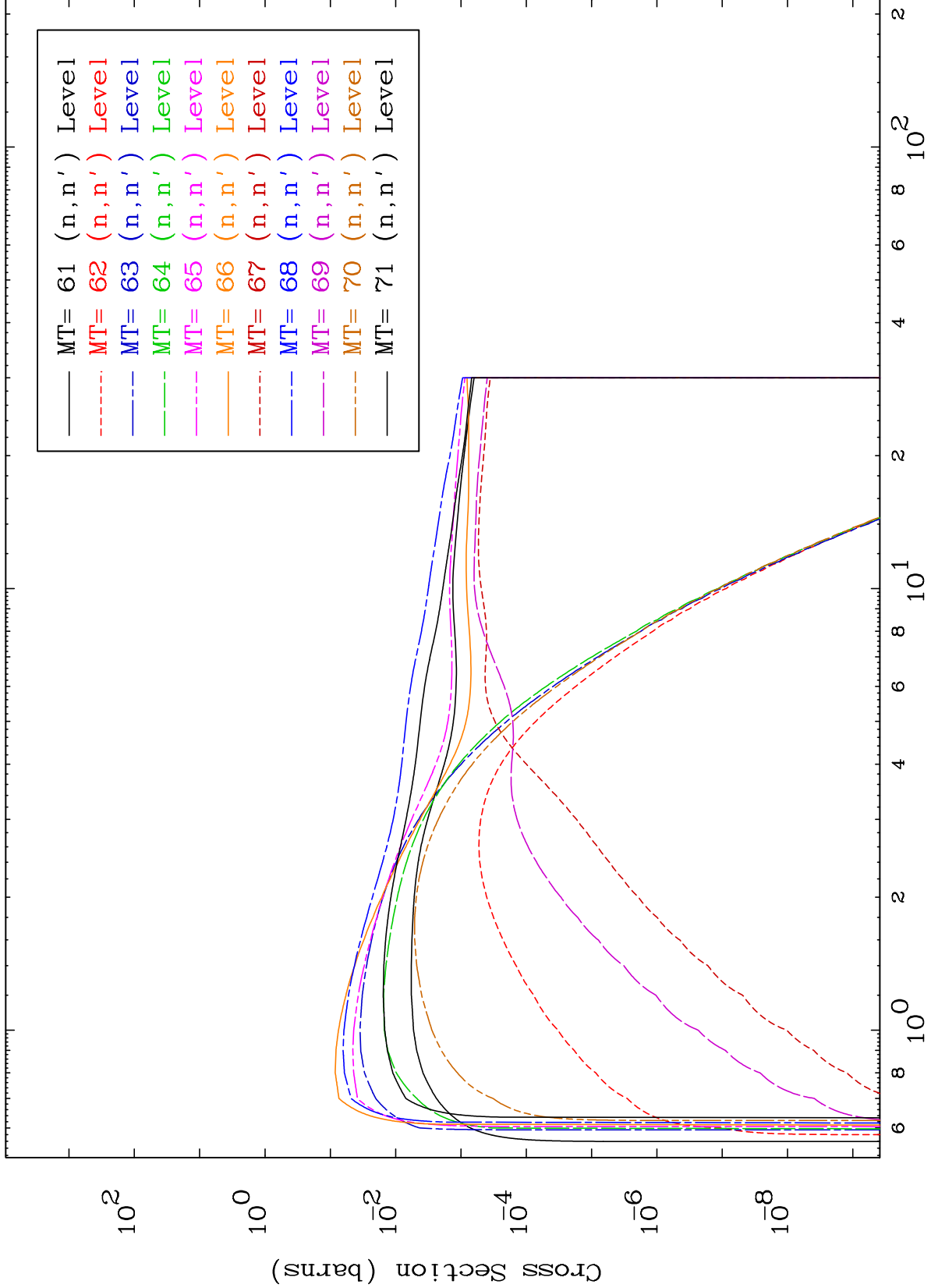


MAT 7740

(n,n') Level

293 Kelvin Cross Sections

77-Ir-196



8

Incident Energy (MeV)

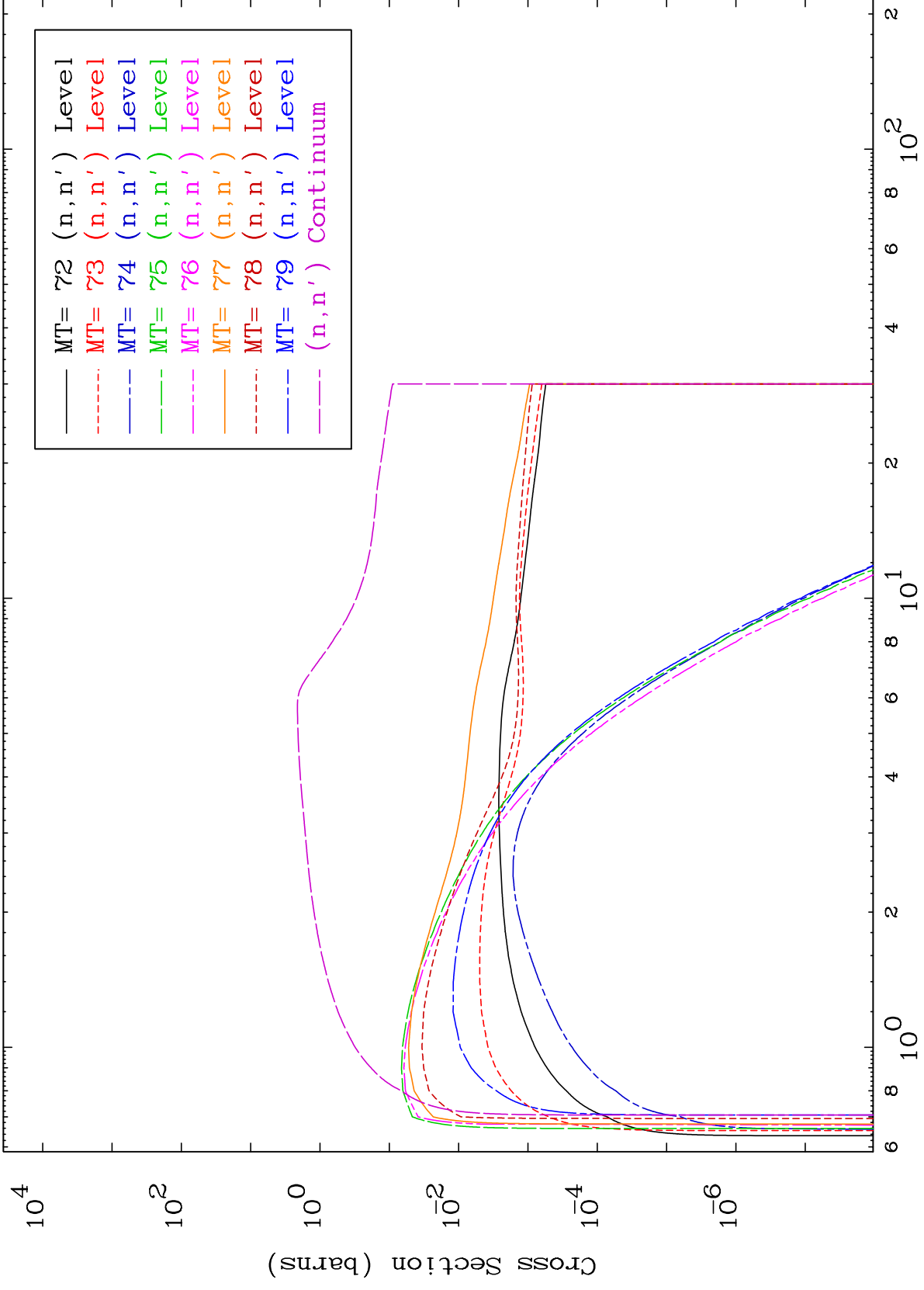
77-Ir-196

MAT 7740

(n,n') Level

77-Ir-196

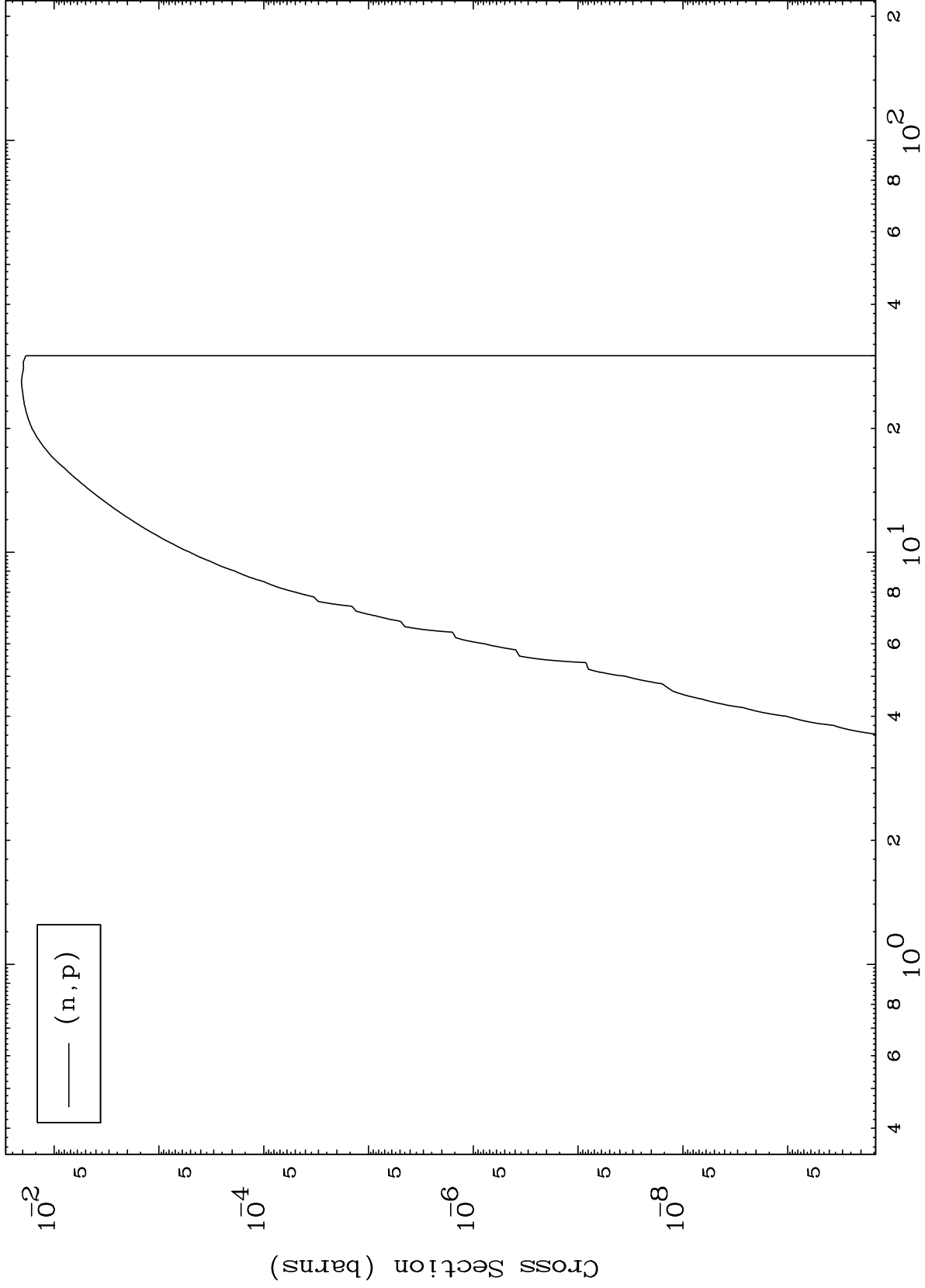
293 Kelvin Cross Sections



MAT 7740

(n,p) Levels
293 Kelvin Cross Sections

77-Ir-196



10

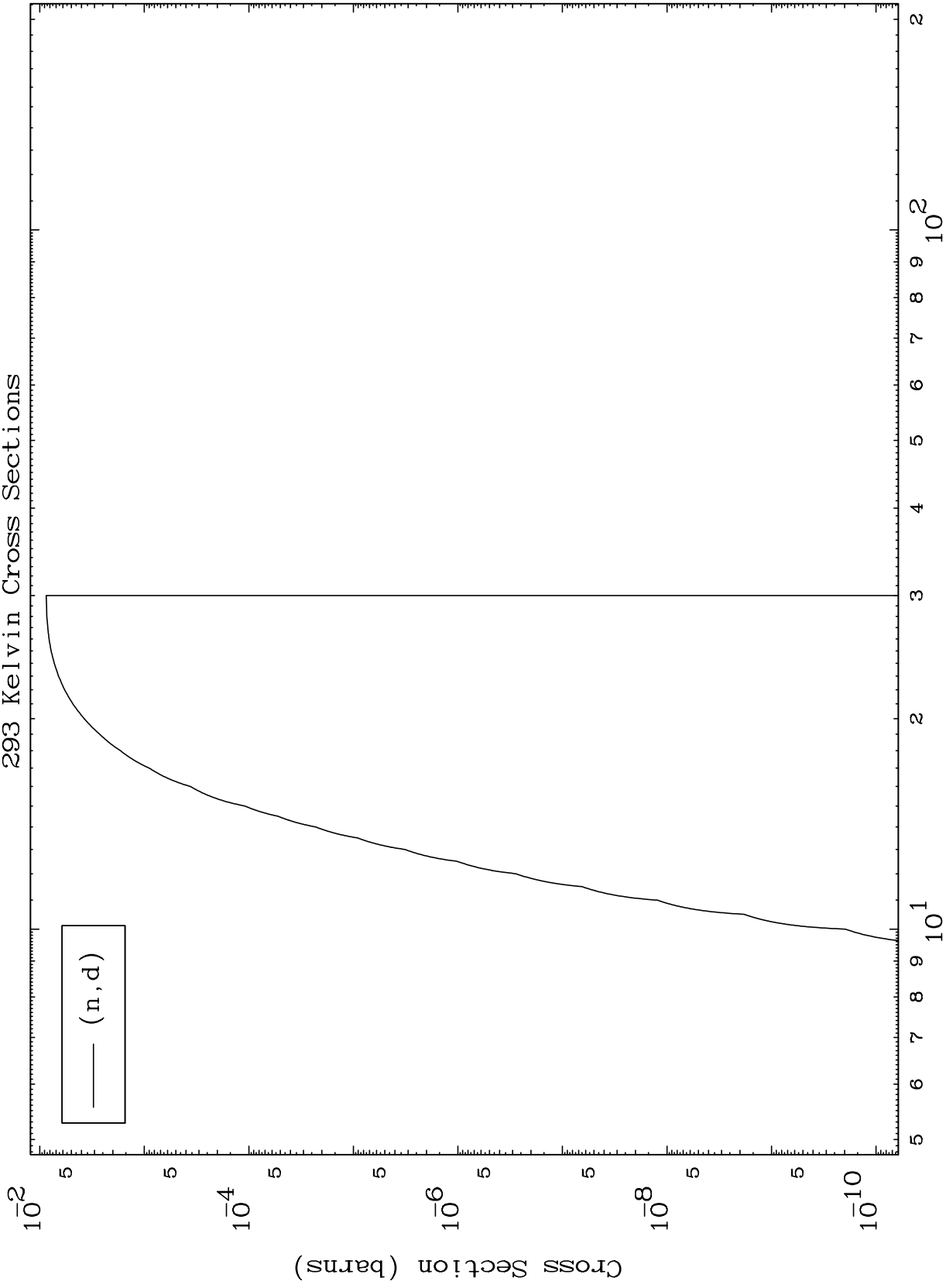
Incident Energy (MeV)

77-Ir-196

MAT 7740

(n,d) Levels
293 Kelvin Cross Sections

77-Ir-196



11

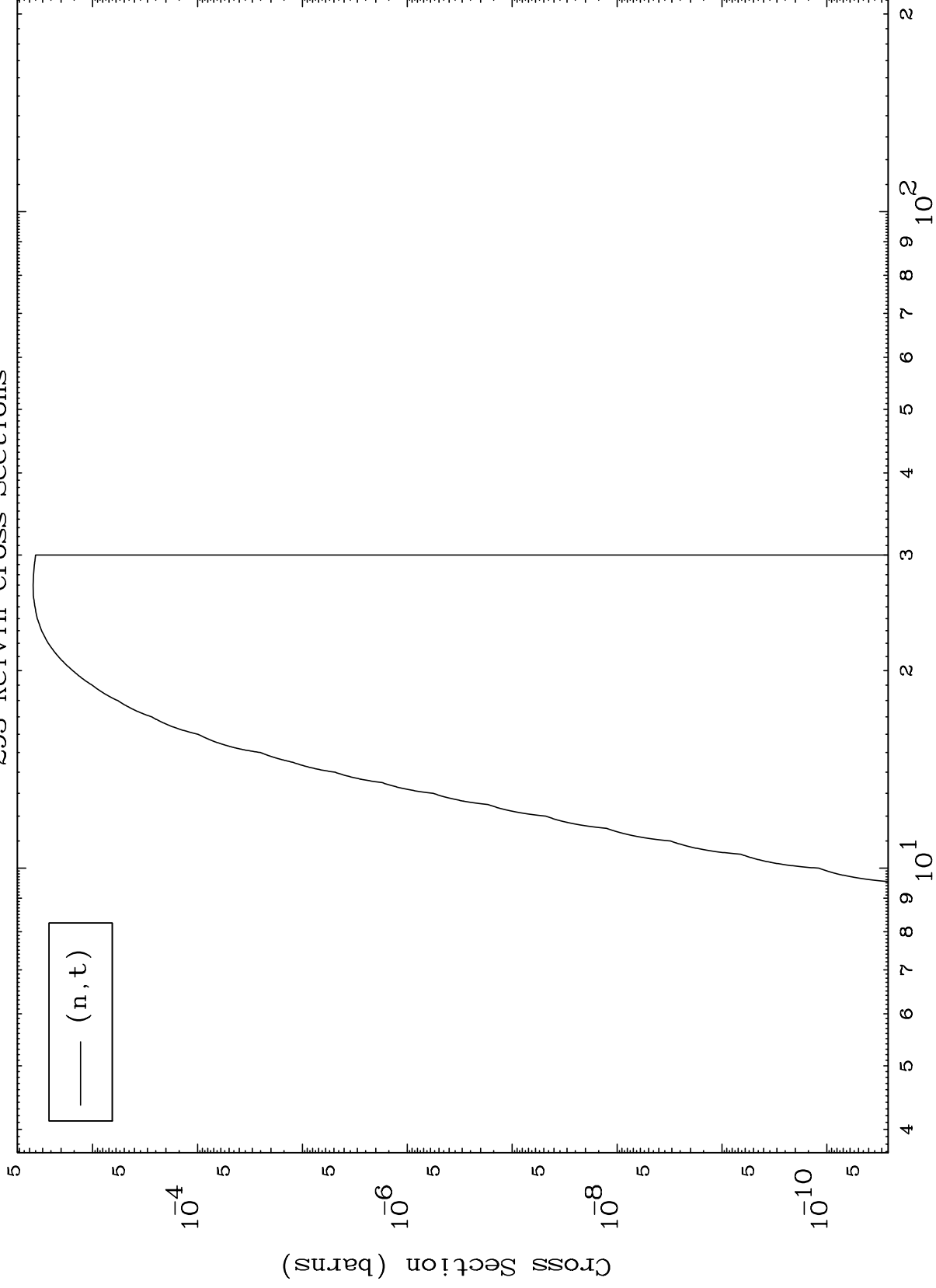
Incident Energy (MeV)

77-Ir-196

MAT 7740

(n,t) Levels
293 Kelvin Cross Sections

77-Ir-196



12

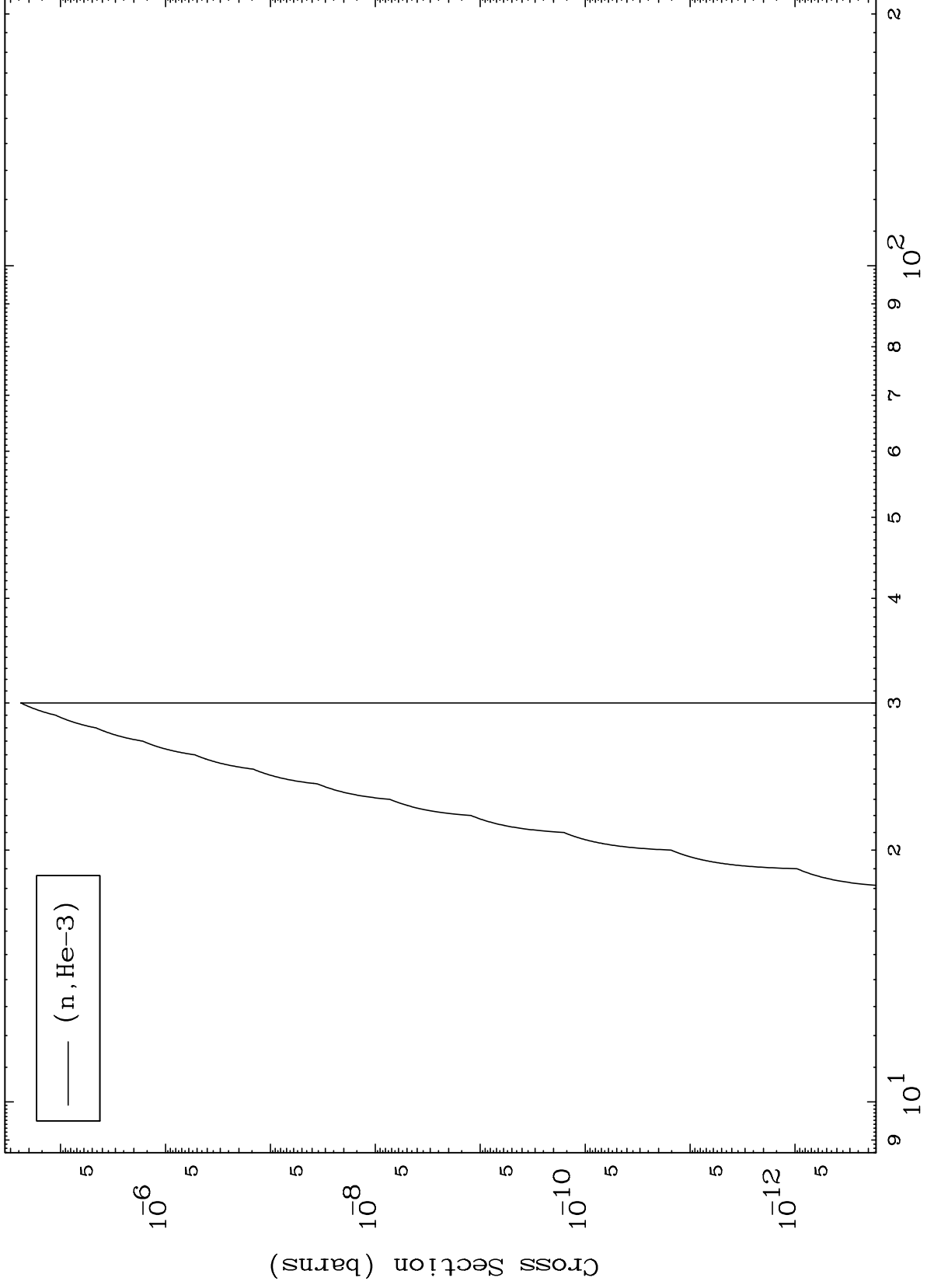
Incident Energy (MeV)

77-Ir-196

MAT 7740

(n,He3) Levels
293 Kelvin Cross Sections

77-Ir-196



13

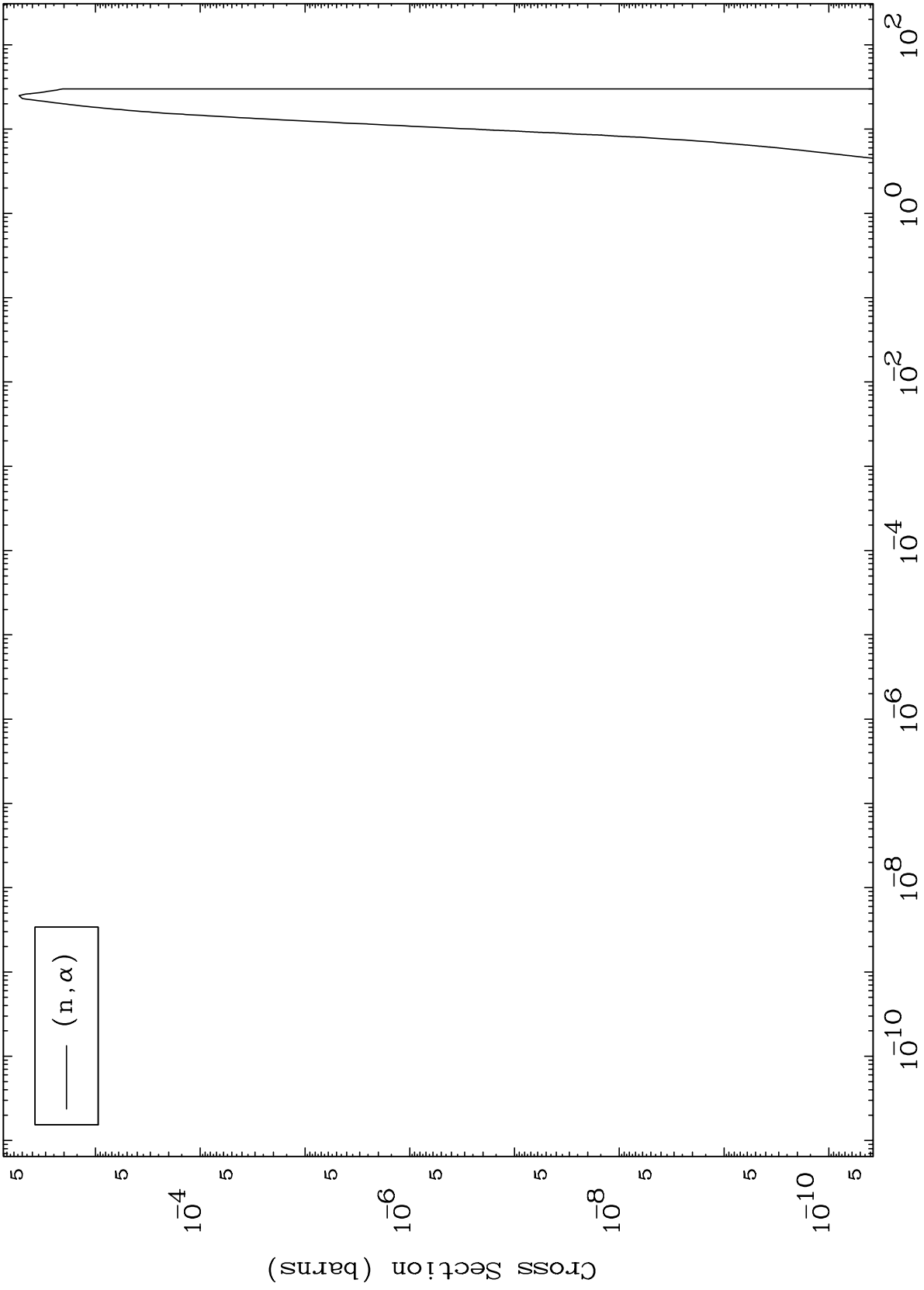
Incident Energy (MeV)

77-Ir-196

MAT 7740

(n, α) Levels
293 Kelvin Cross Sections

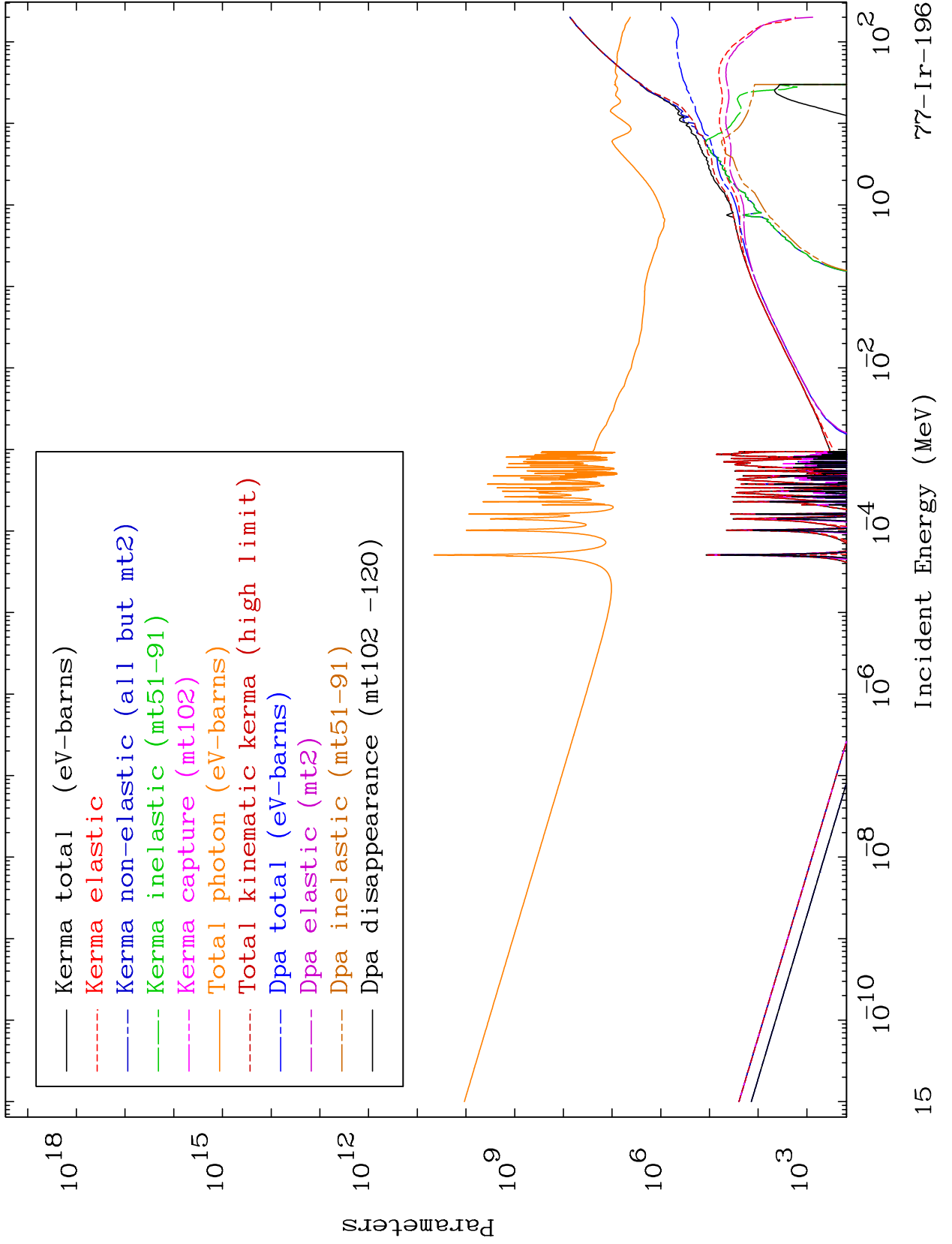
77-Ir-196

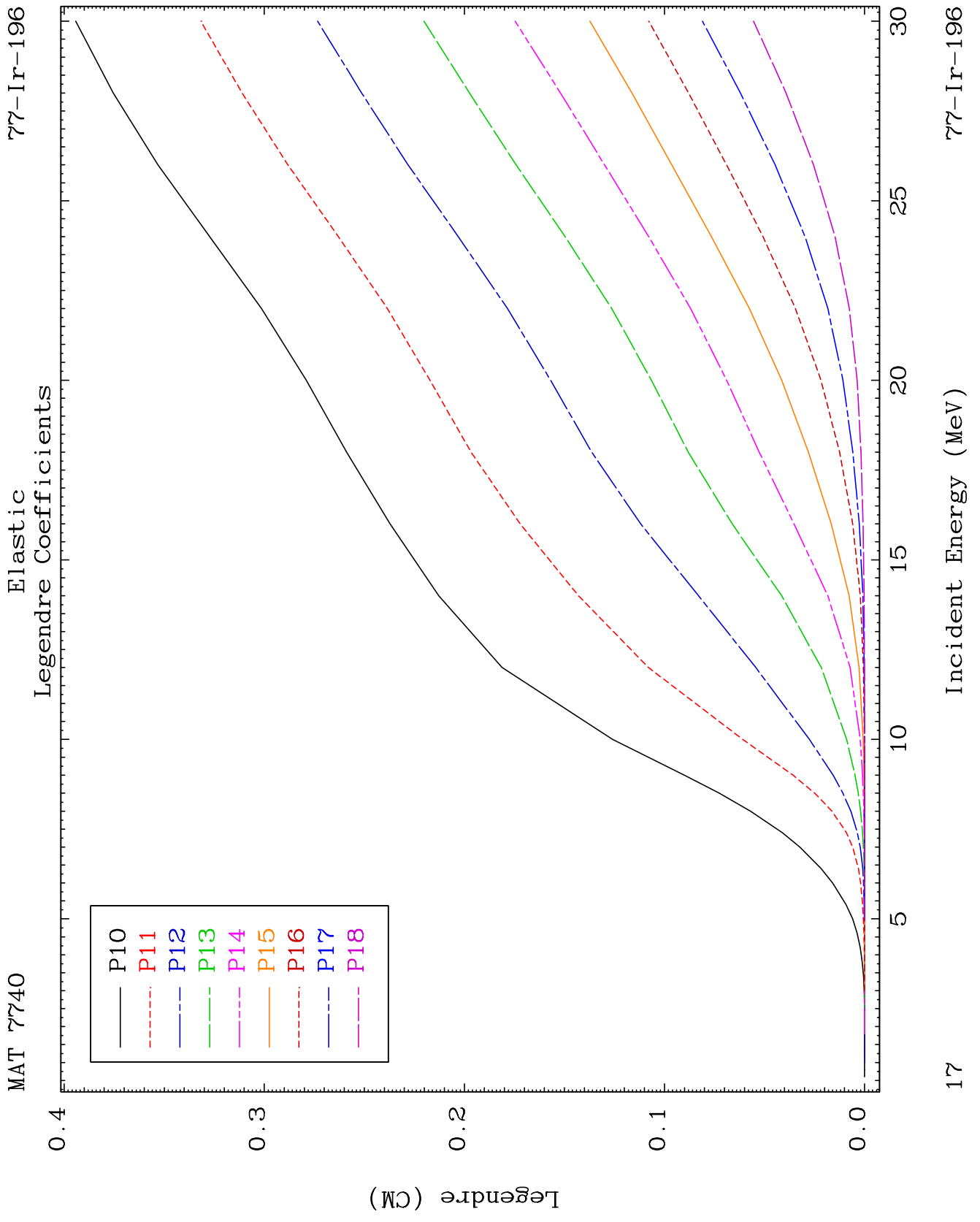


14

Incident Energy (MeV)

77-Ir-196

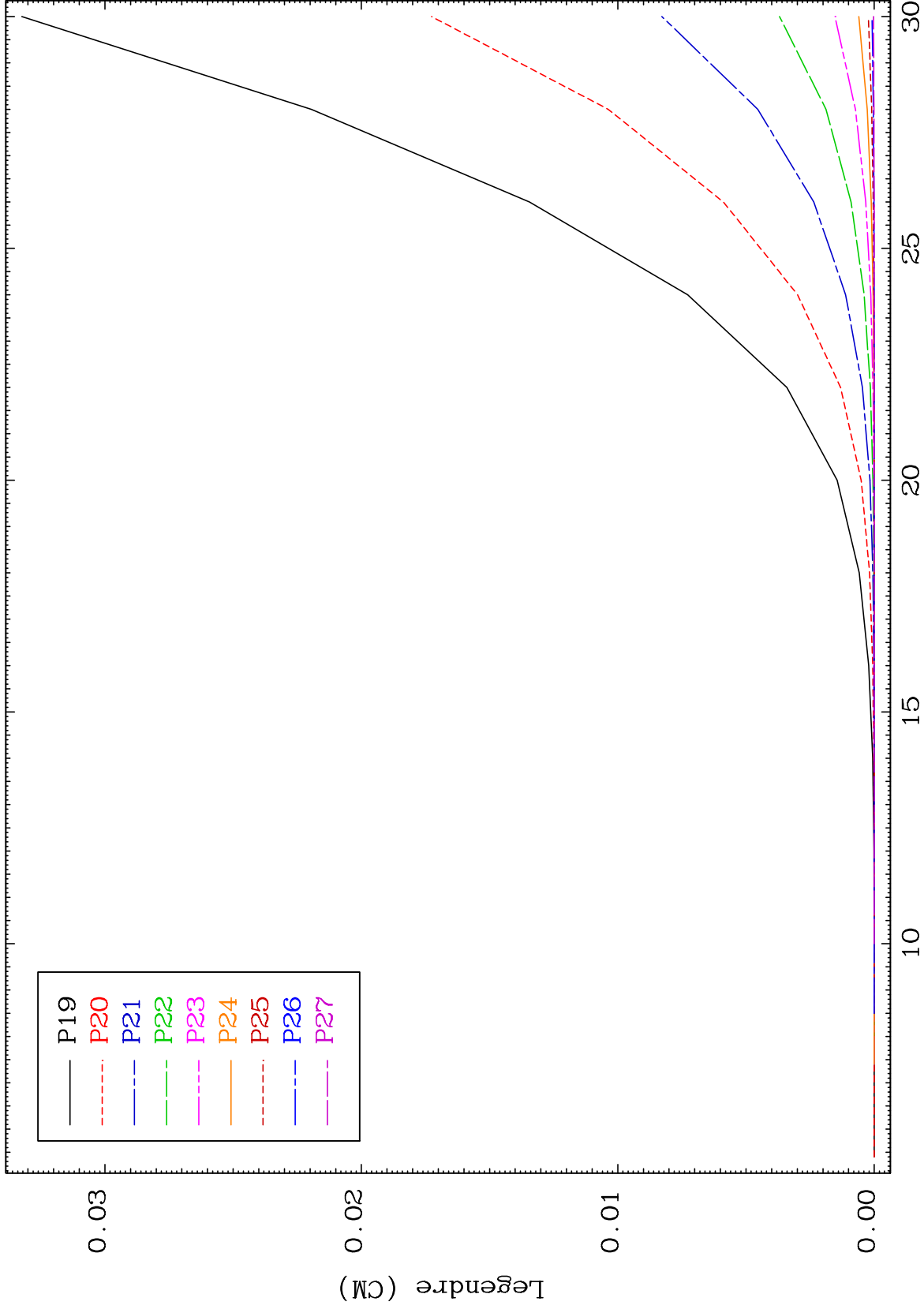




MAT 7740

Elastic Legendre Coefficients

77-Ir-196



18

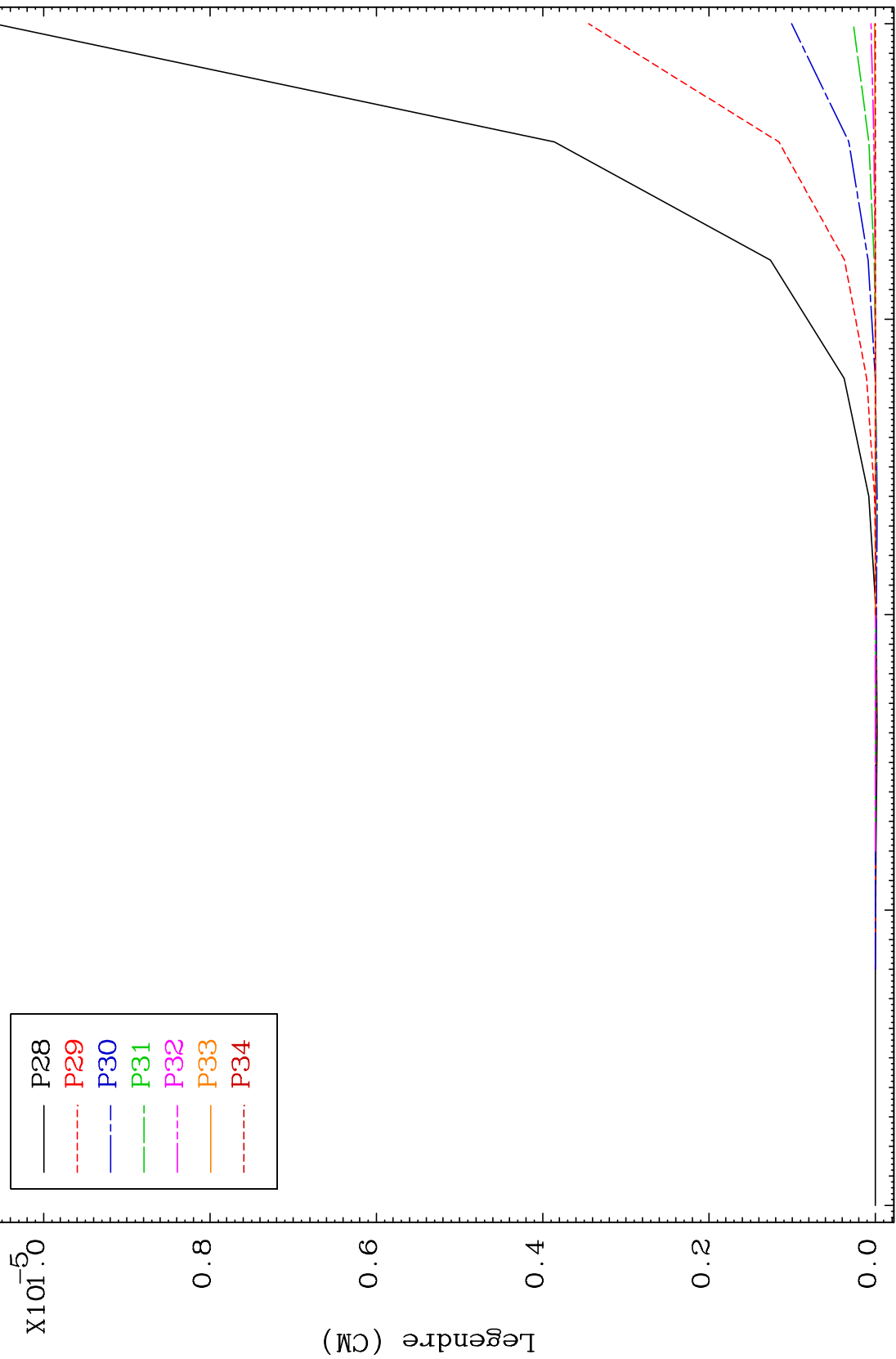
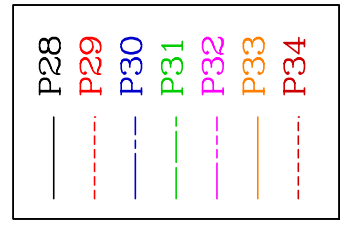
Incident Energy (MeV)

77-Ir-196

MAT 7740

Elastic Legendre Coefficients

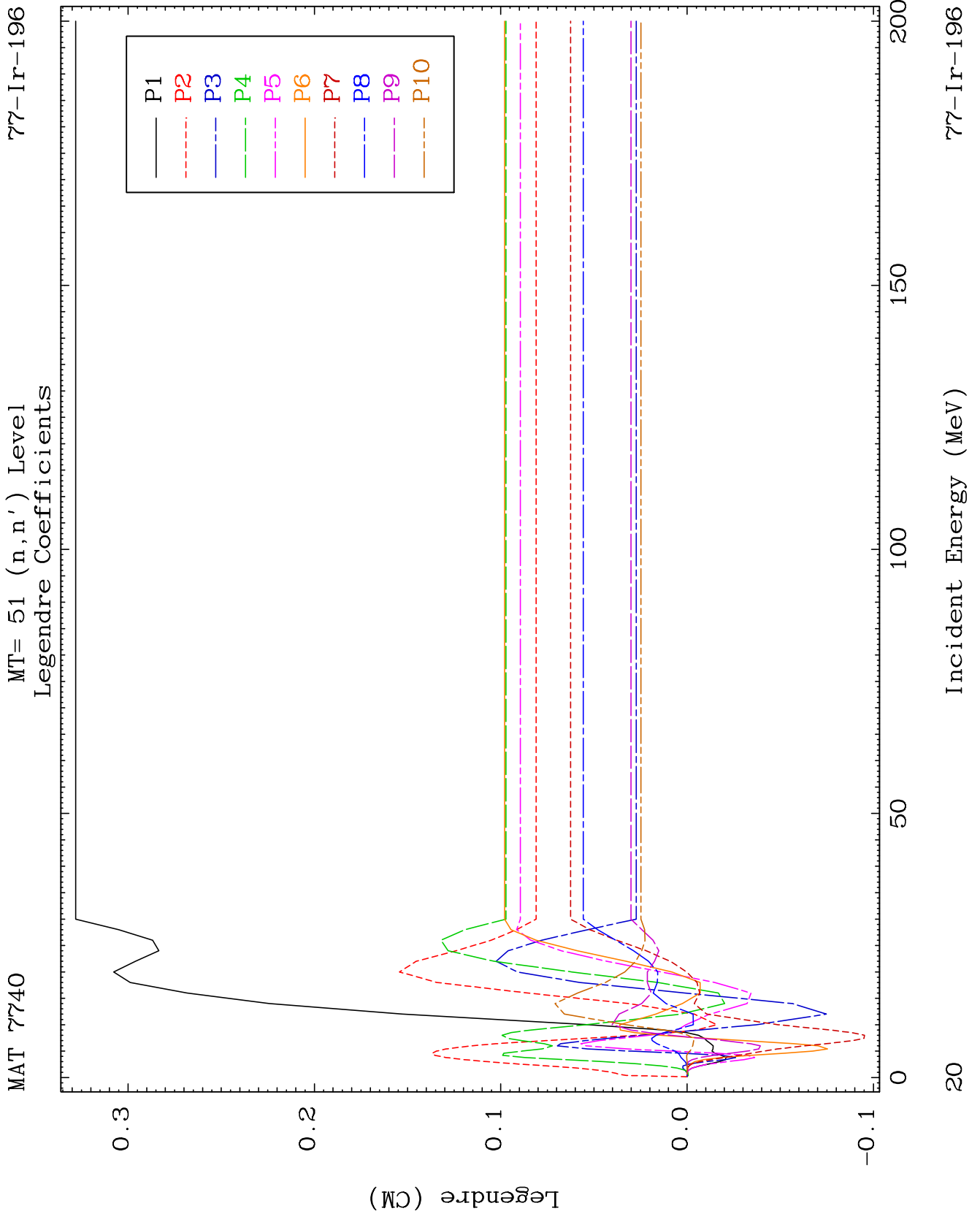
77-Ir-196



Incident Energy (MeV)

77-Ir-196

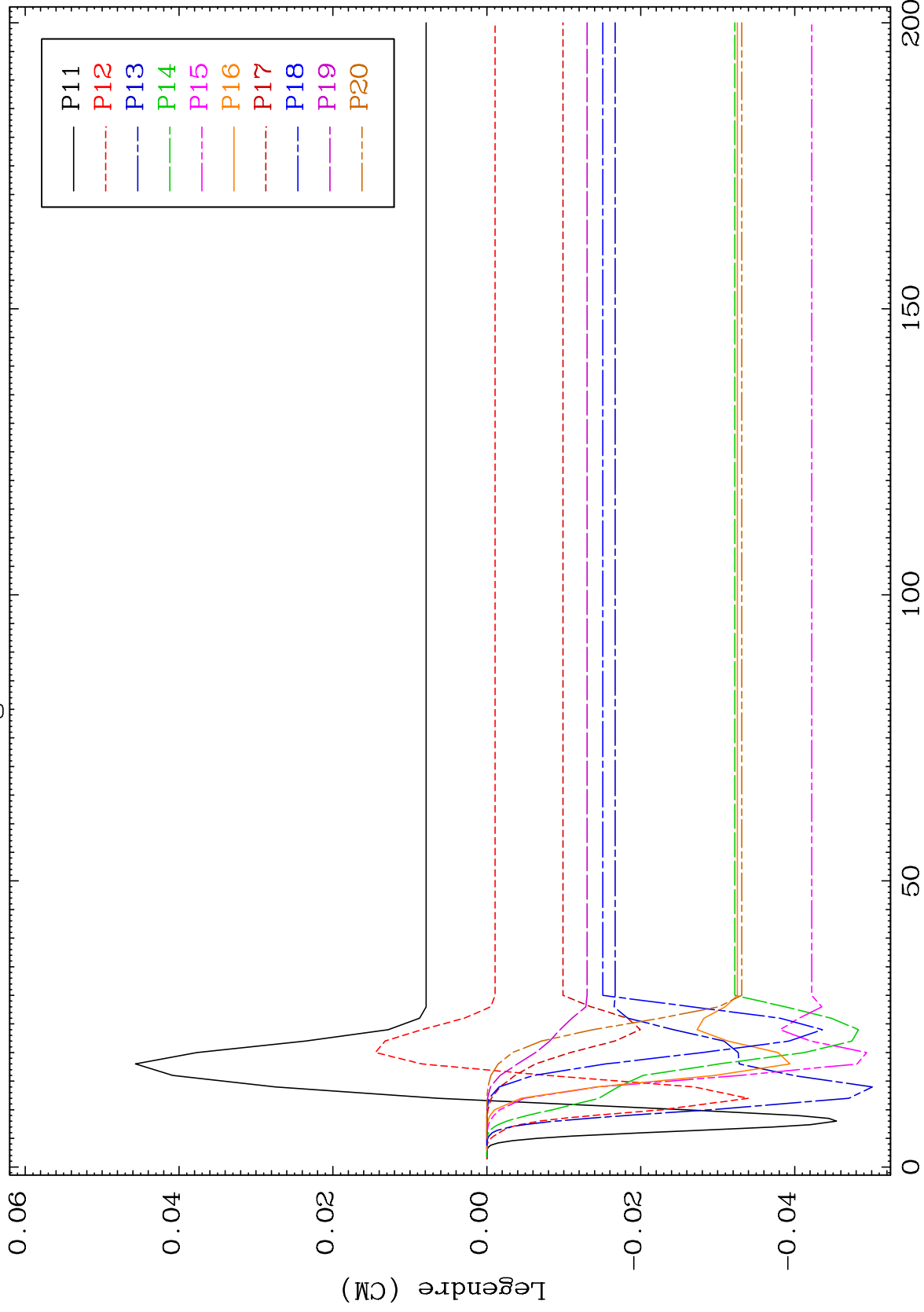
19



MAT 7740

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

77-Ir-196



21

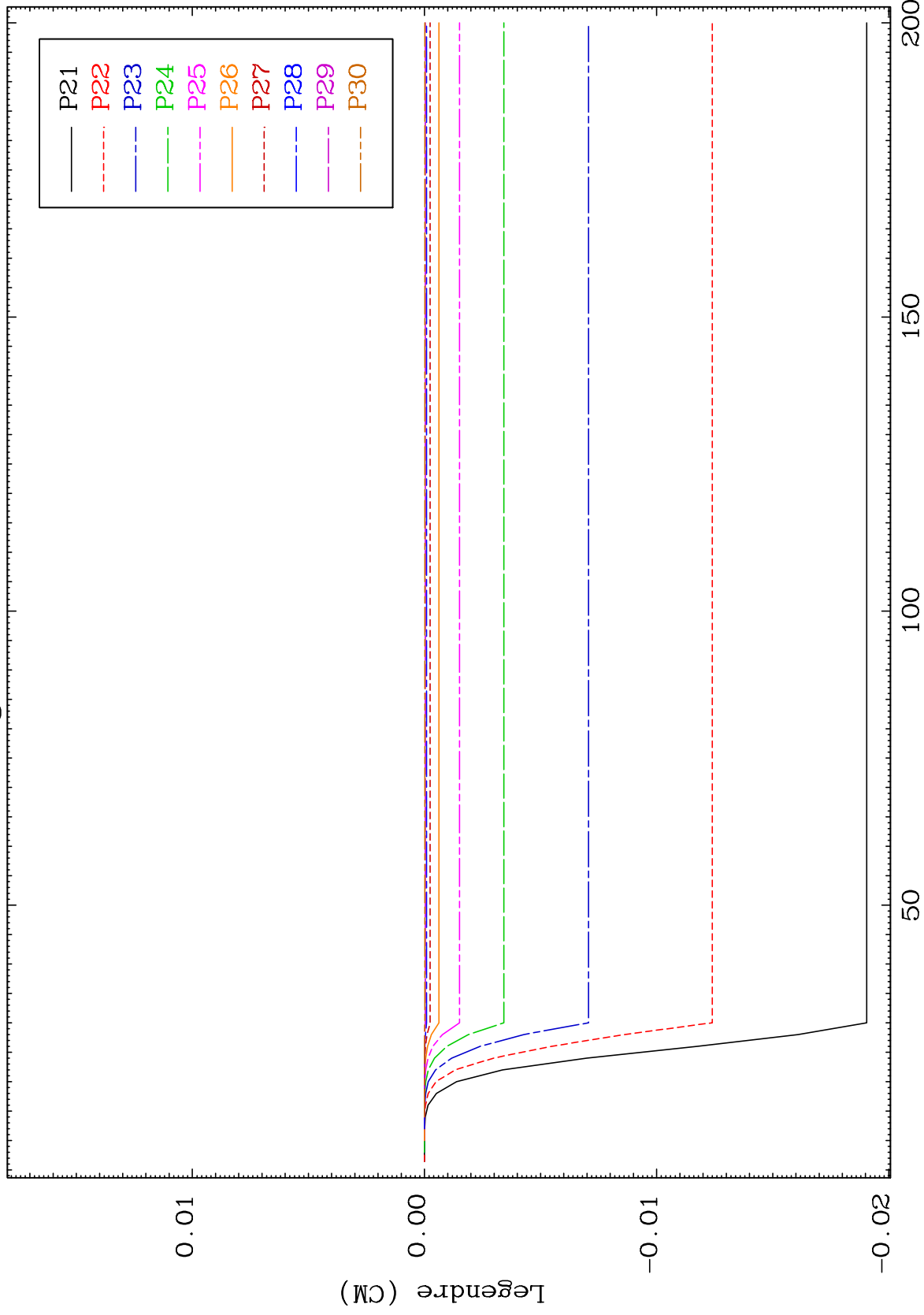
Incident Energy (MeV)

77-Ir-196

MAT 7740

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

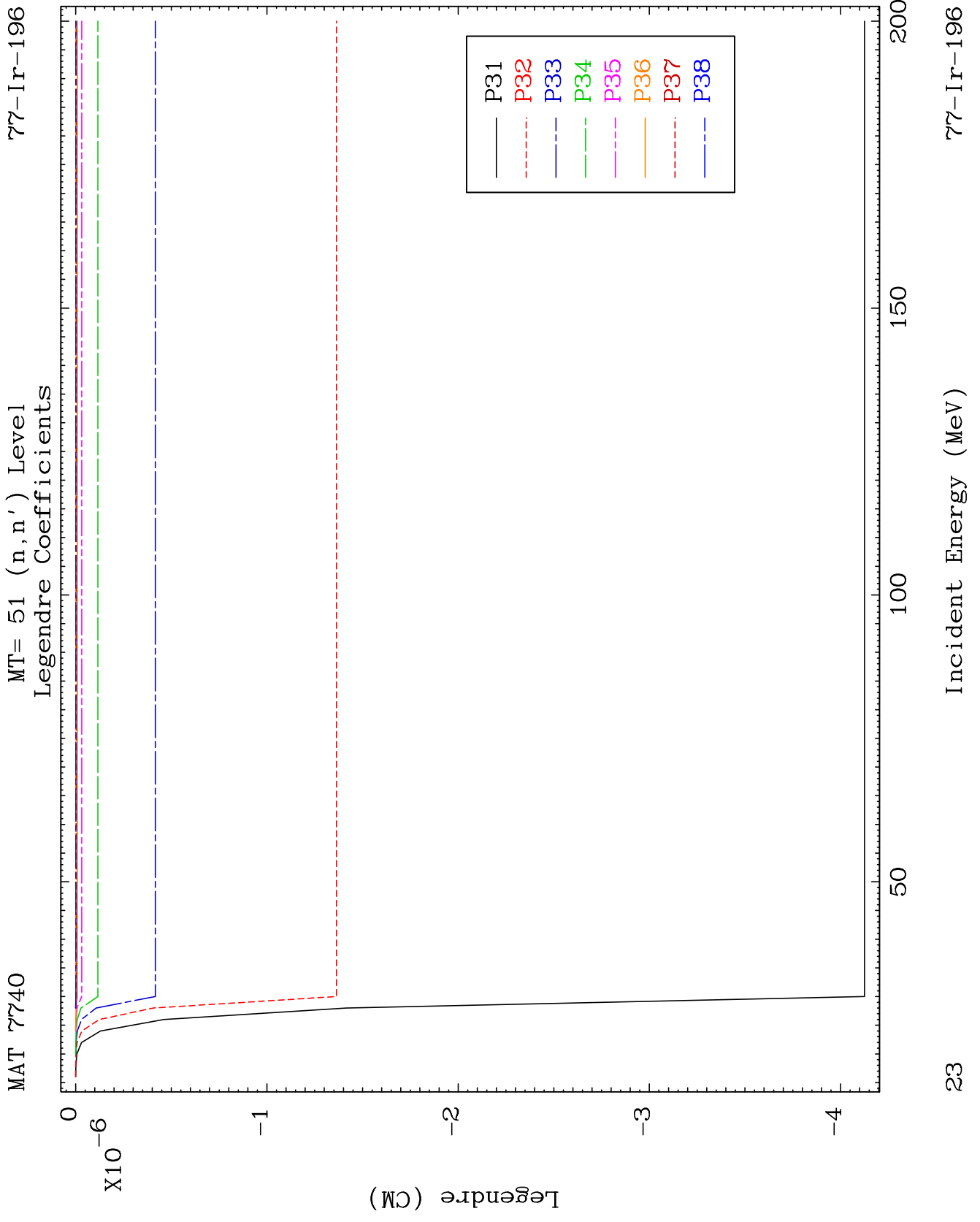
77-Ir-196



22

Incident Energy (MeV)

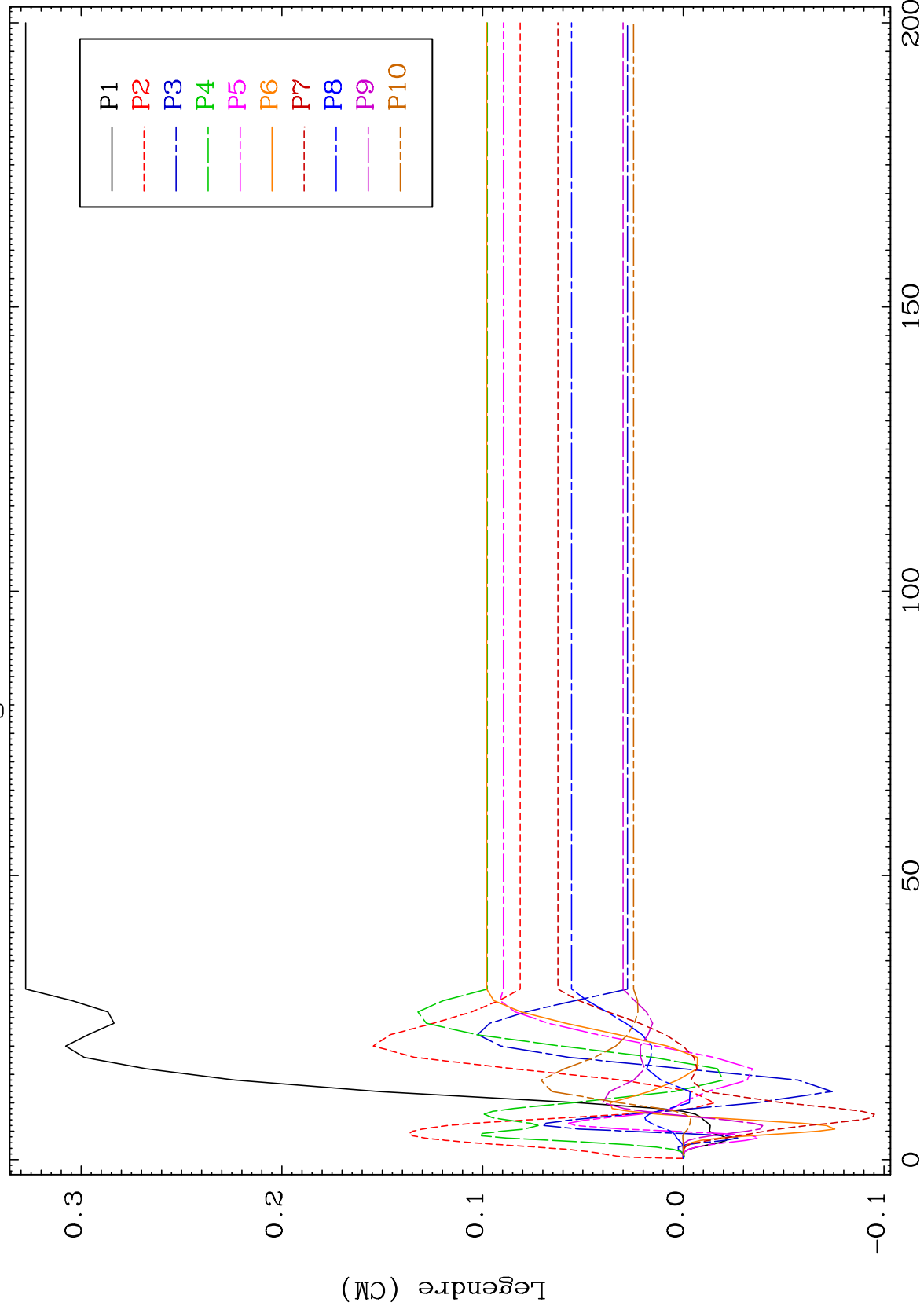
77-Ir-196



MAT 7740

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

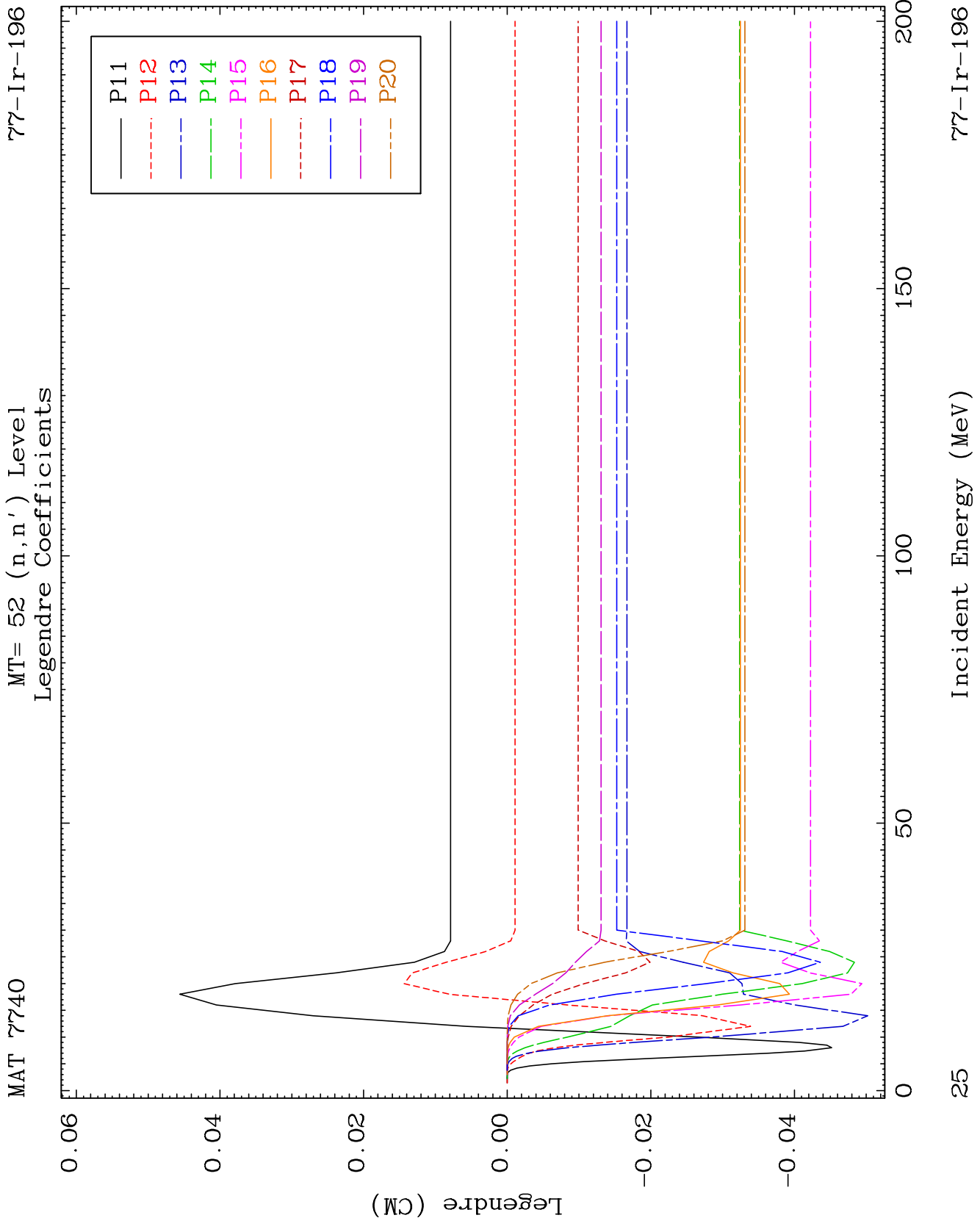
77-Ir-196



77-Ir-196

Incident Energy (MeV)

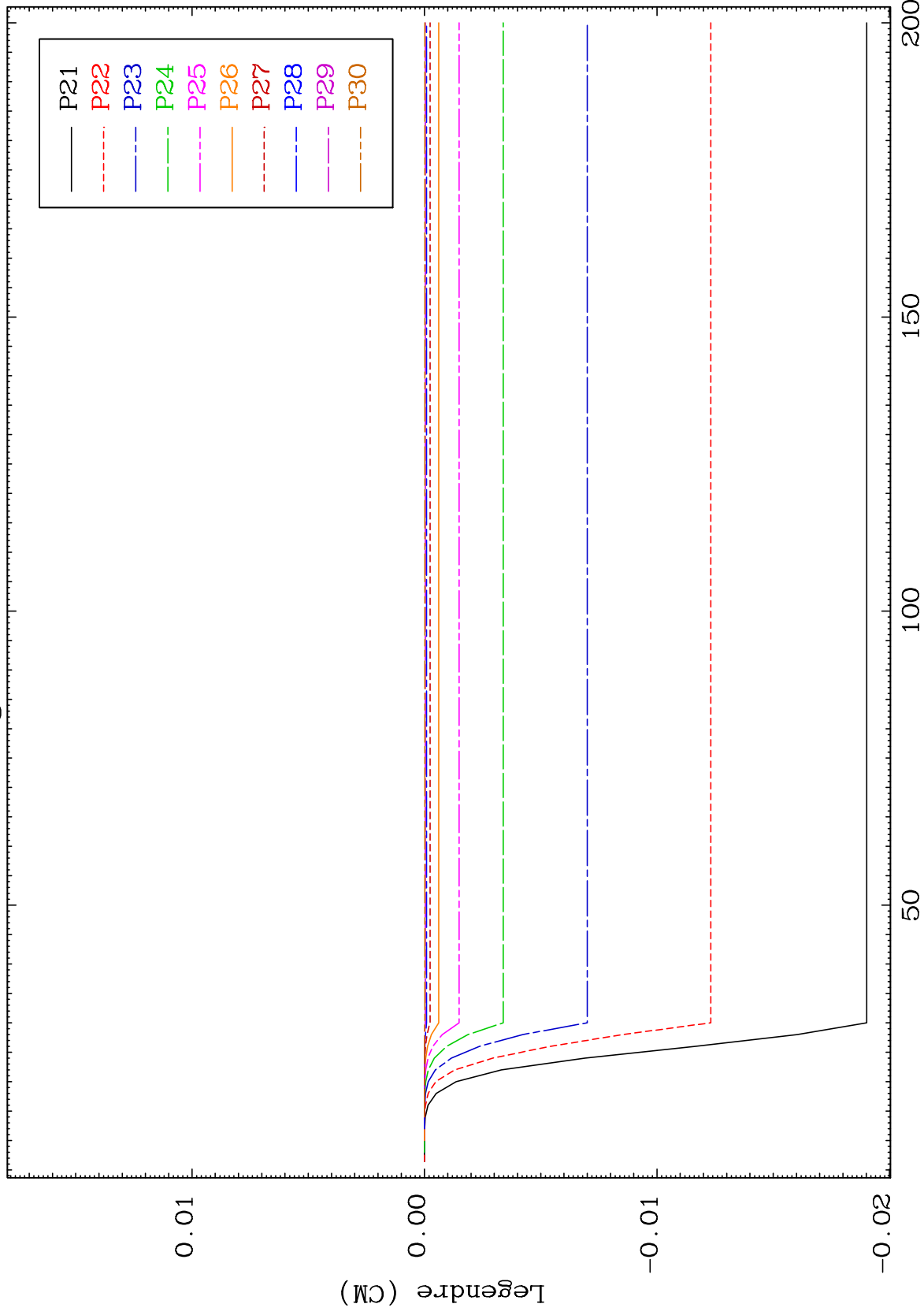
24



MAT 7740

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

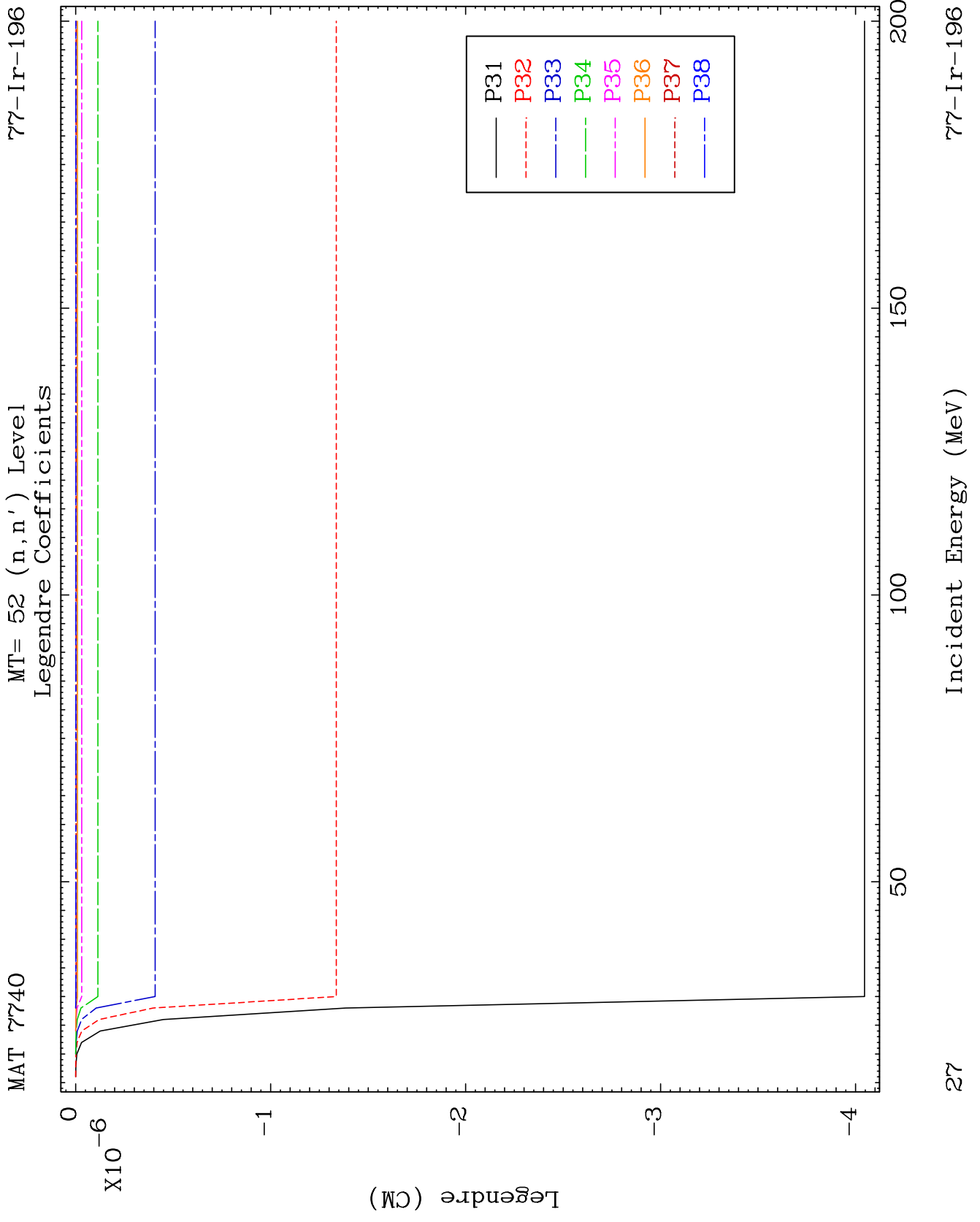
77-Ir-196

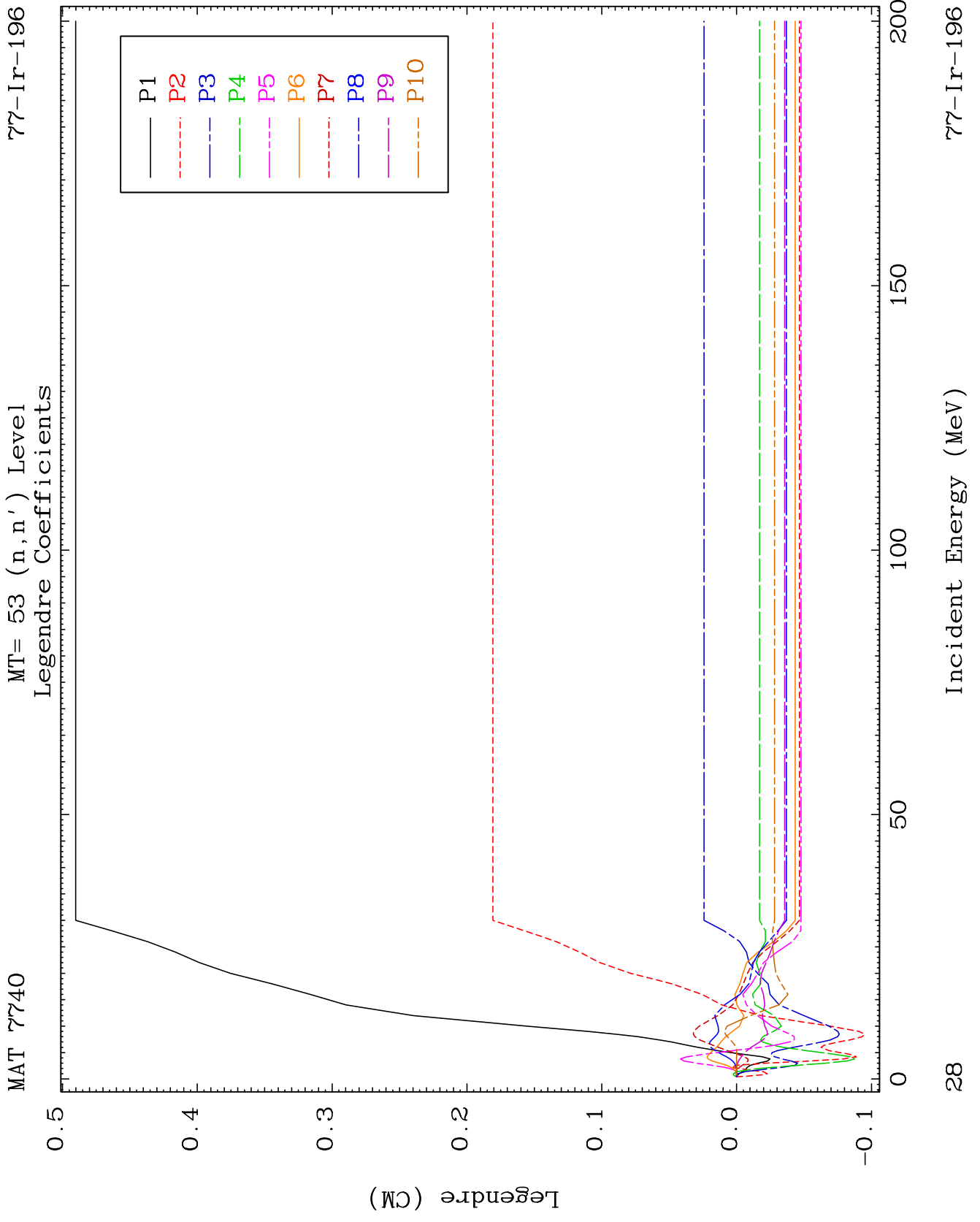


26

Incident Energy (MeV)

77-Ir-196

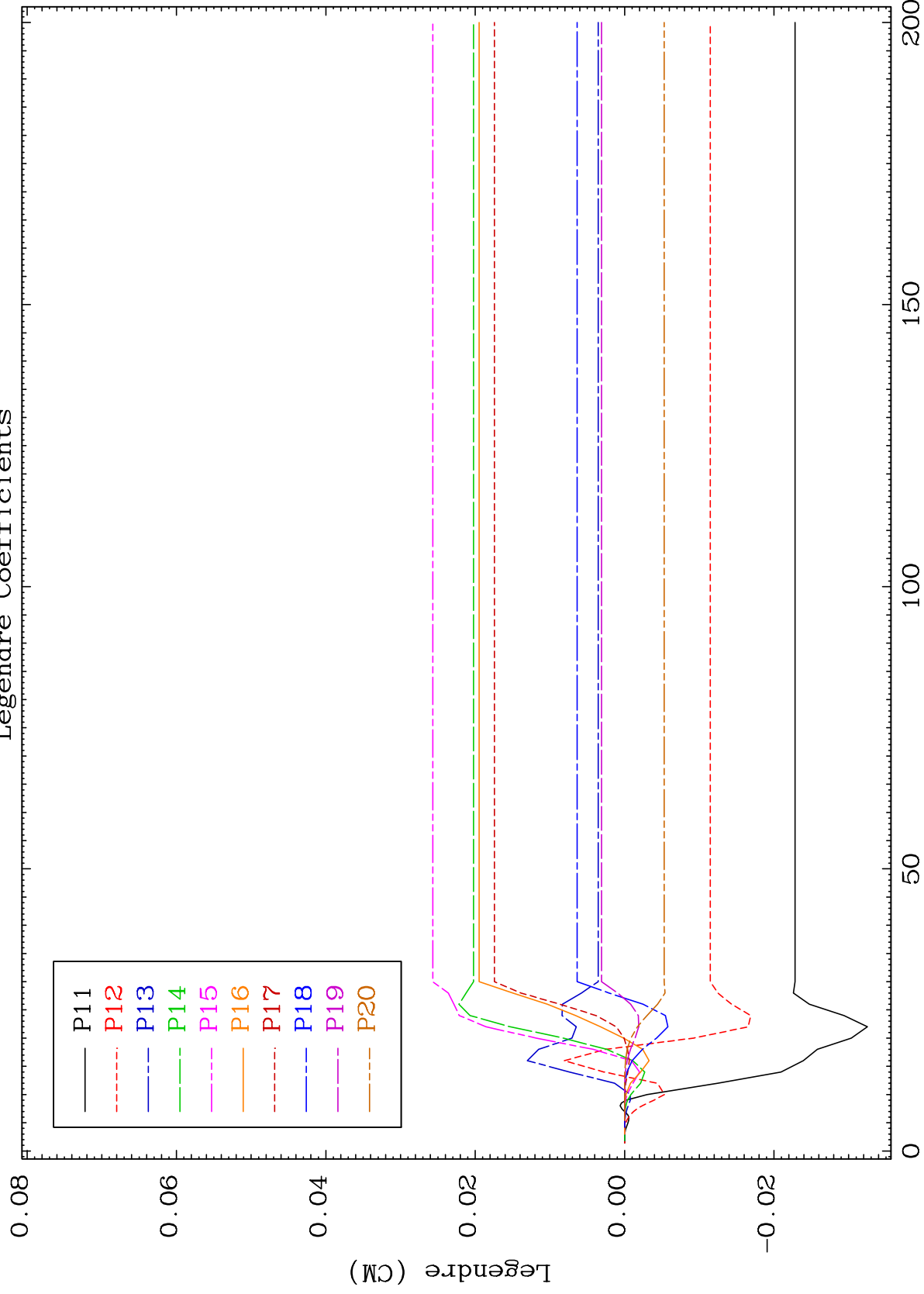




MAT 7740

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

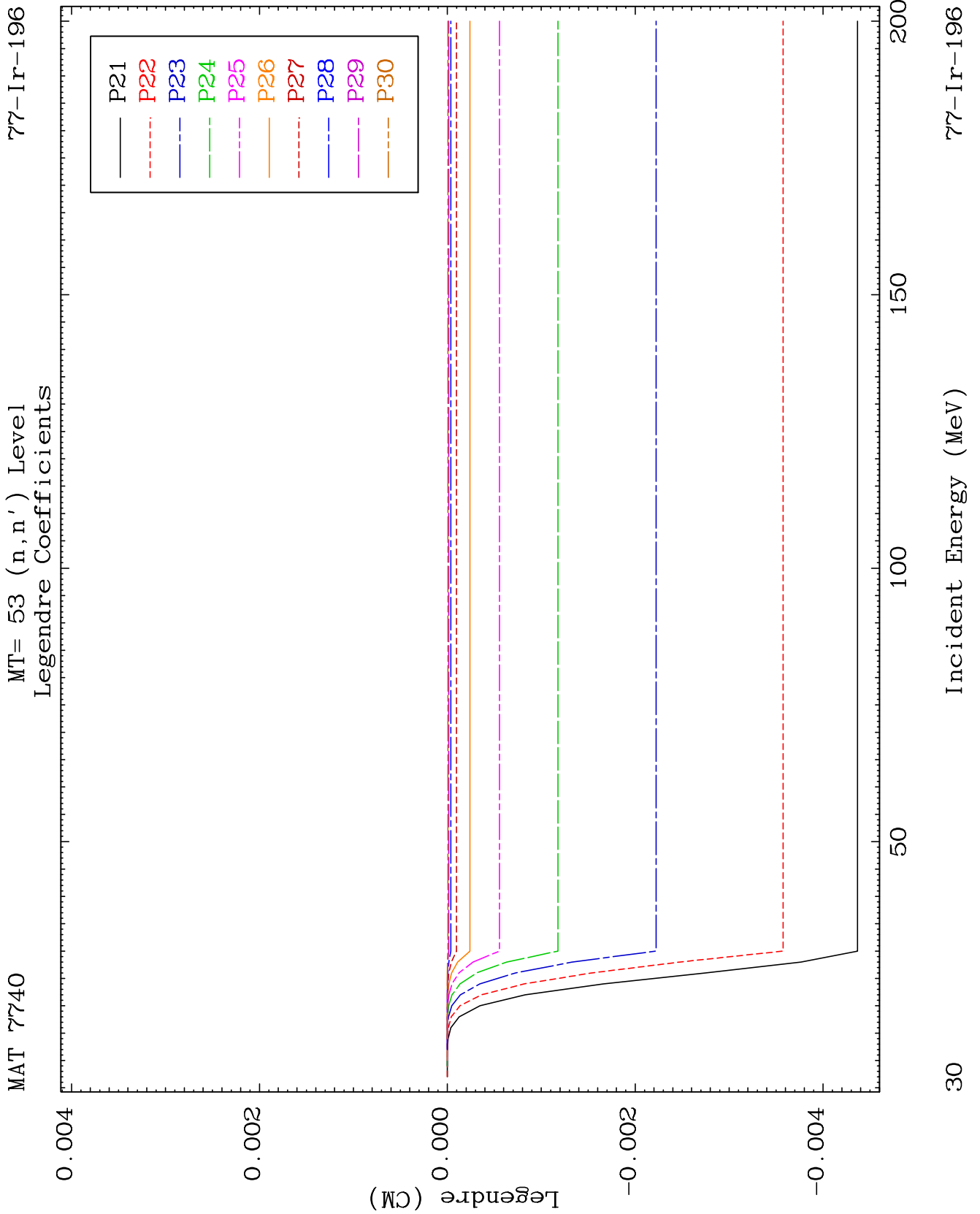
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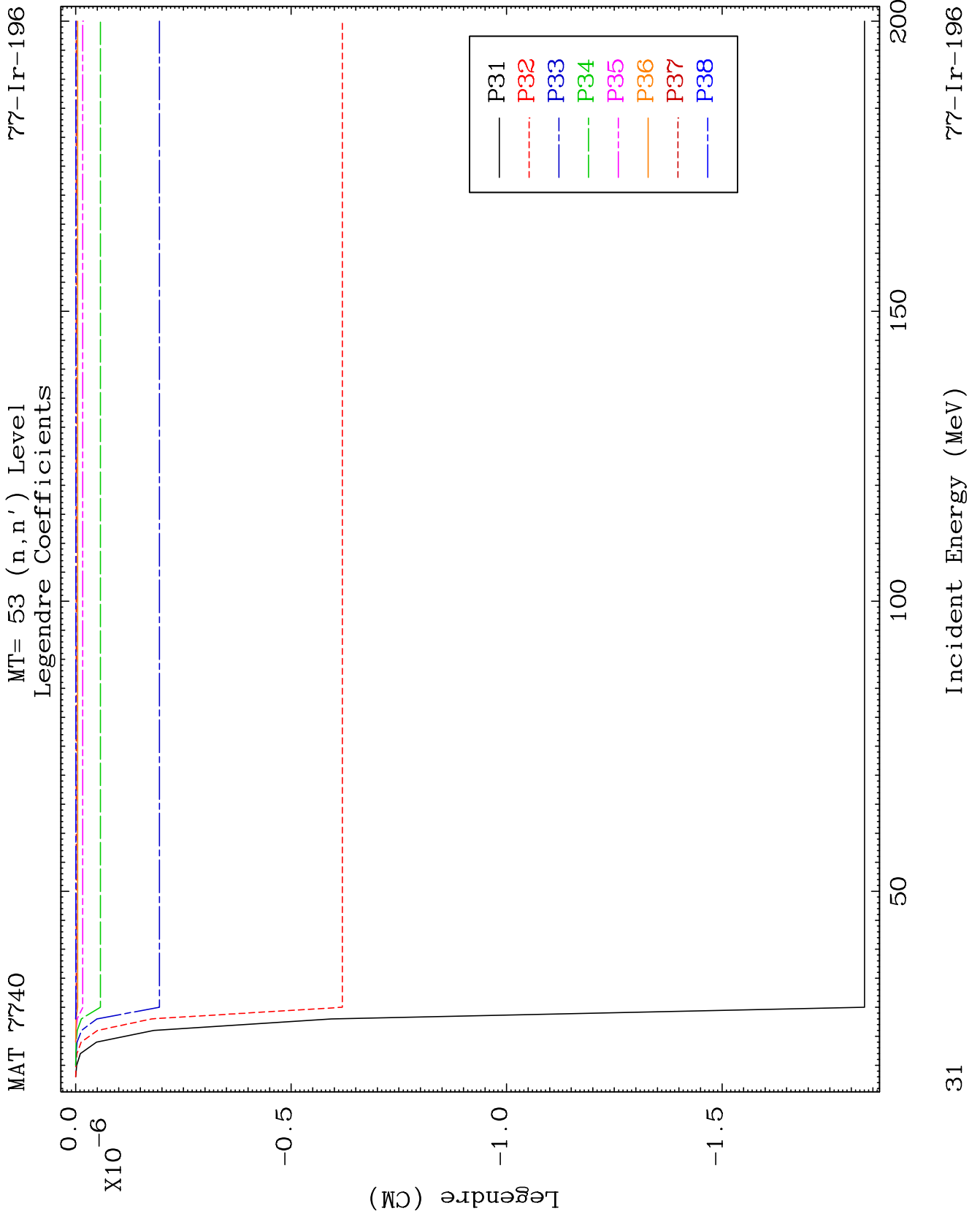


29

Incident Energy (MeV)

77-Ir-196

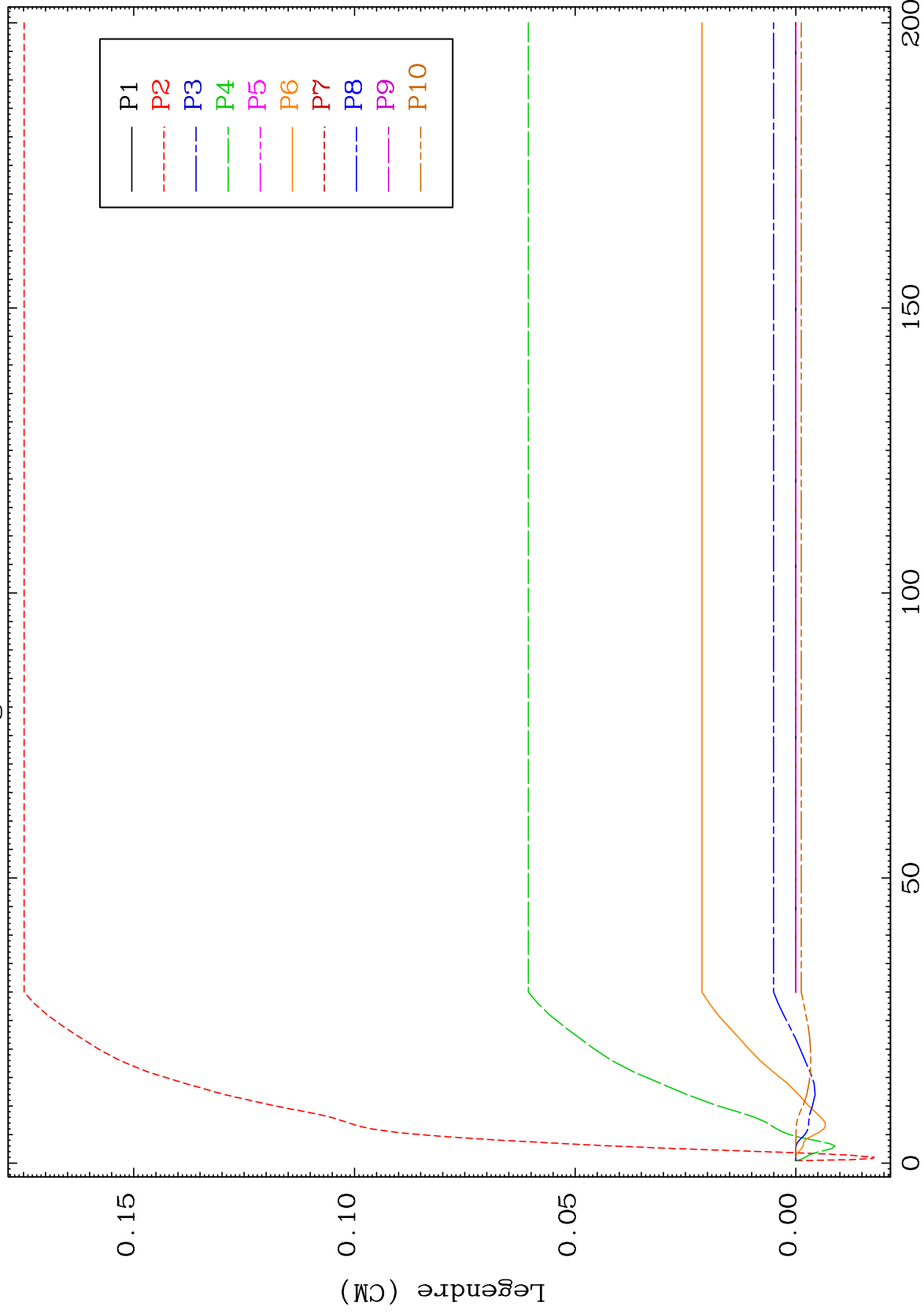




MAT 7740

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

77-Ir-196



32

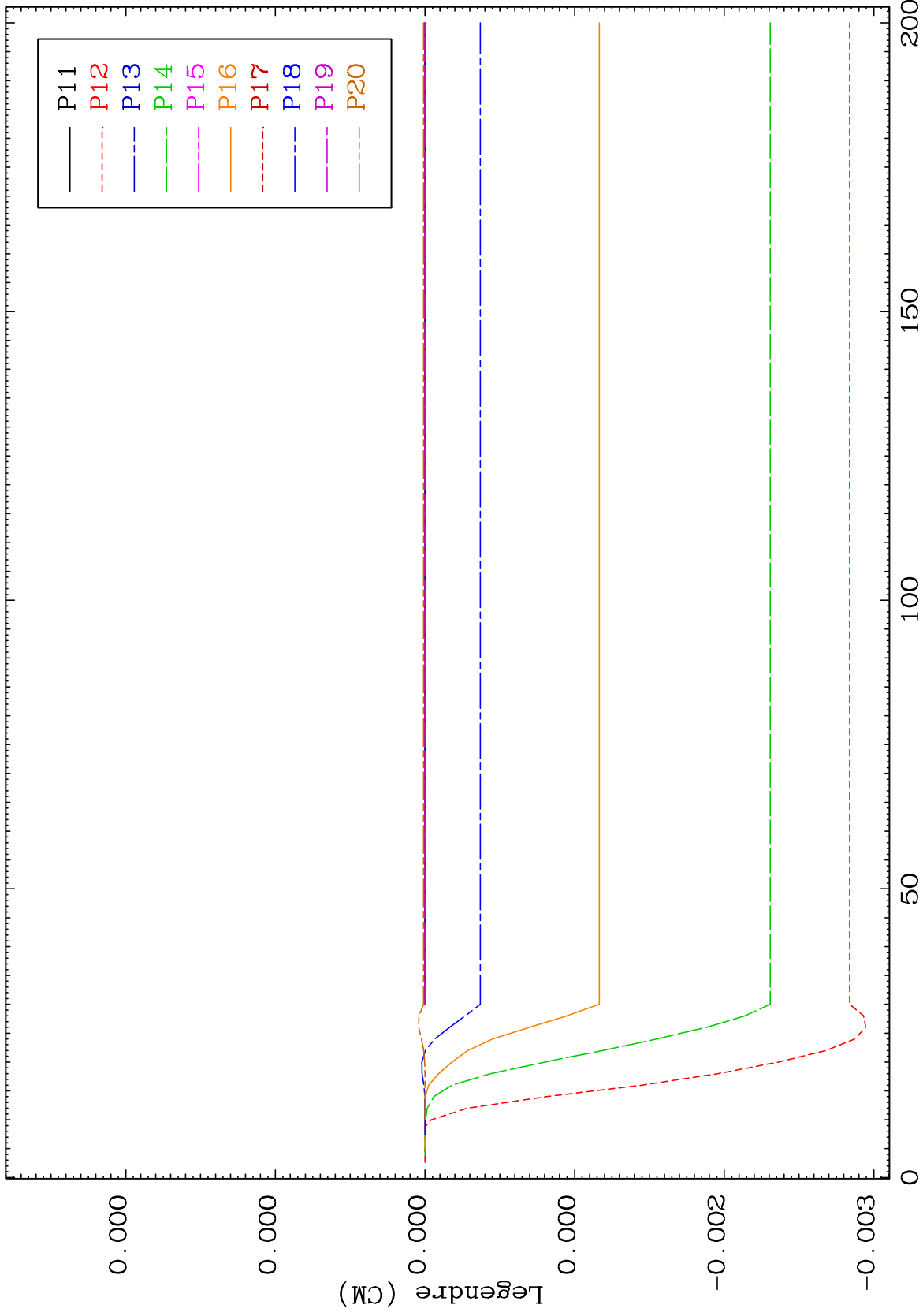
Incident Energy (MeV)

77-Ir-196

MAT 7740

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

77-Ir-196



33

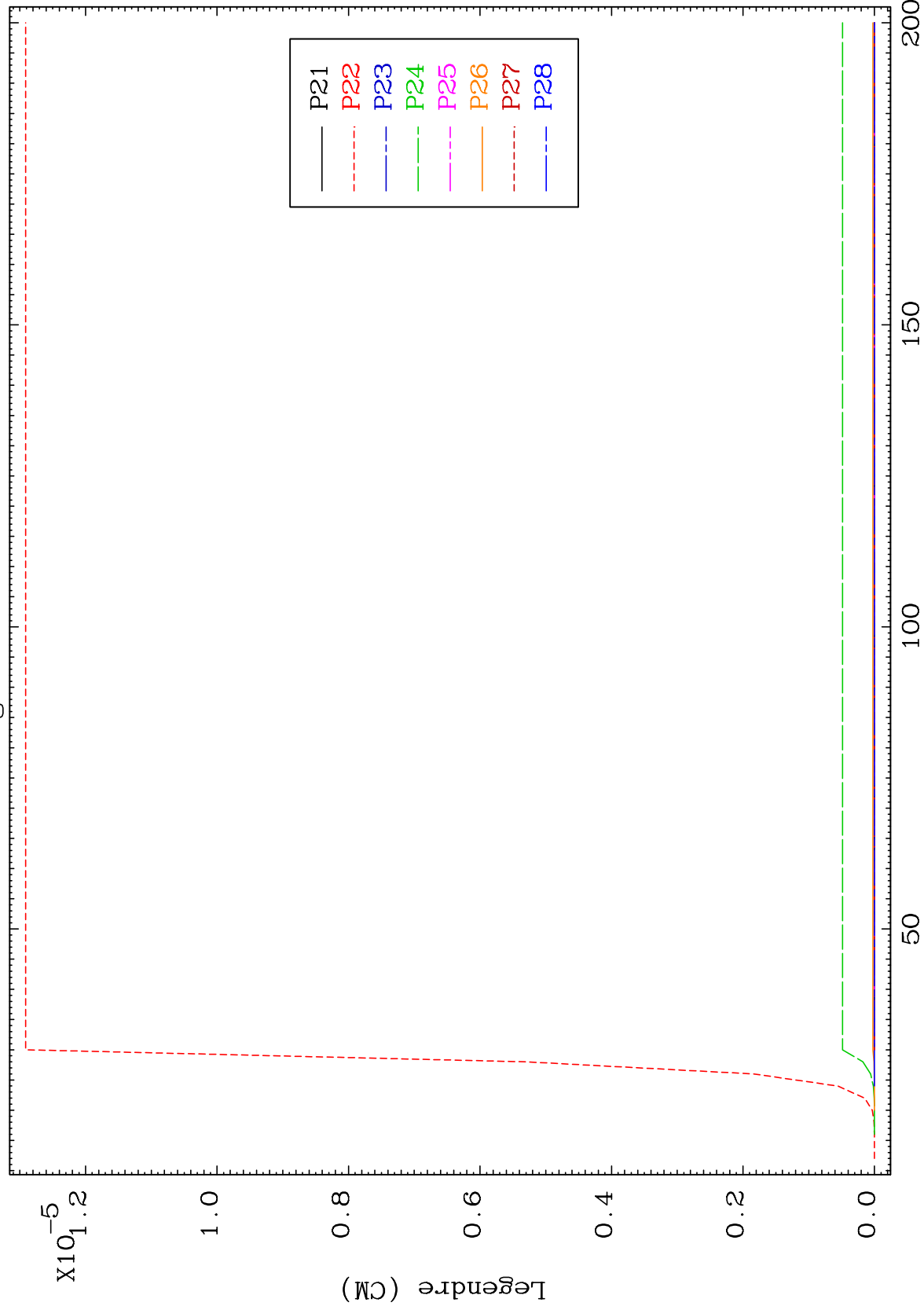
Incident Energy (MeV)

77-Ir-196

MAT 7740

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

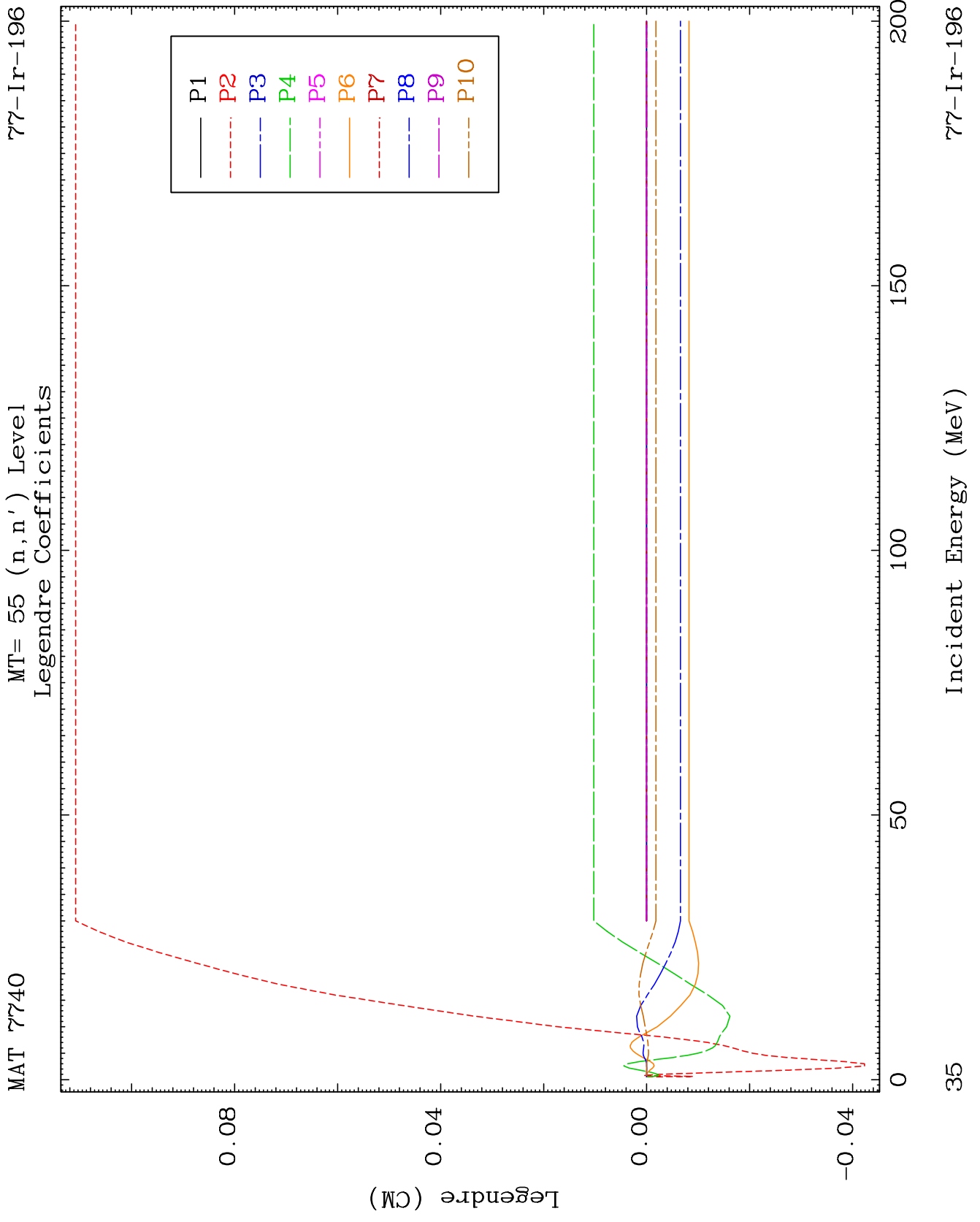
77-Ir-196



77-Ir-196

Incident Energy (MeV)

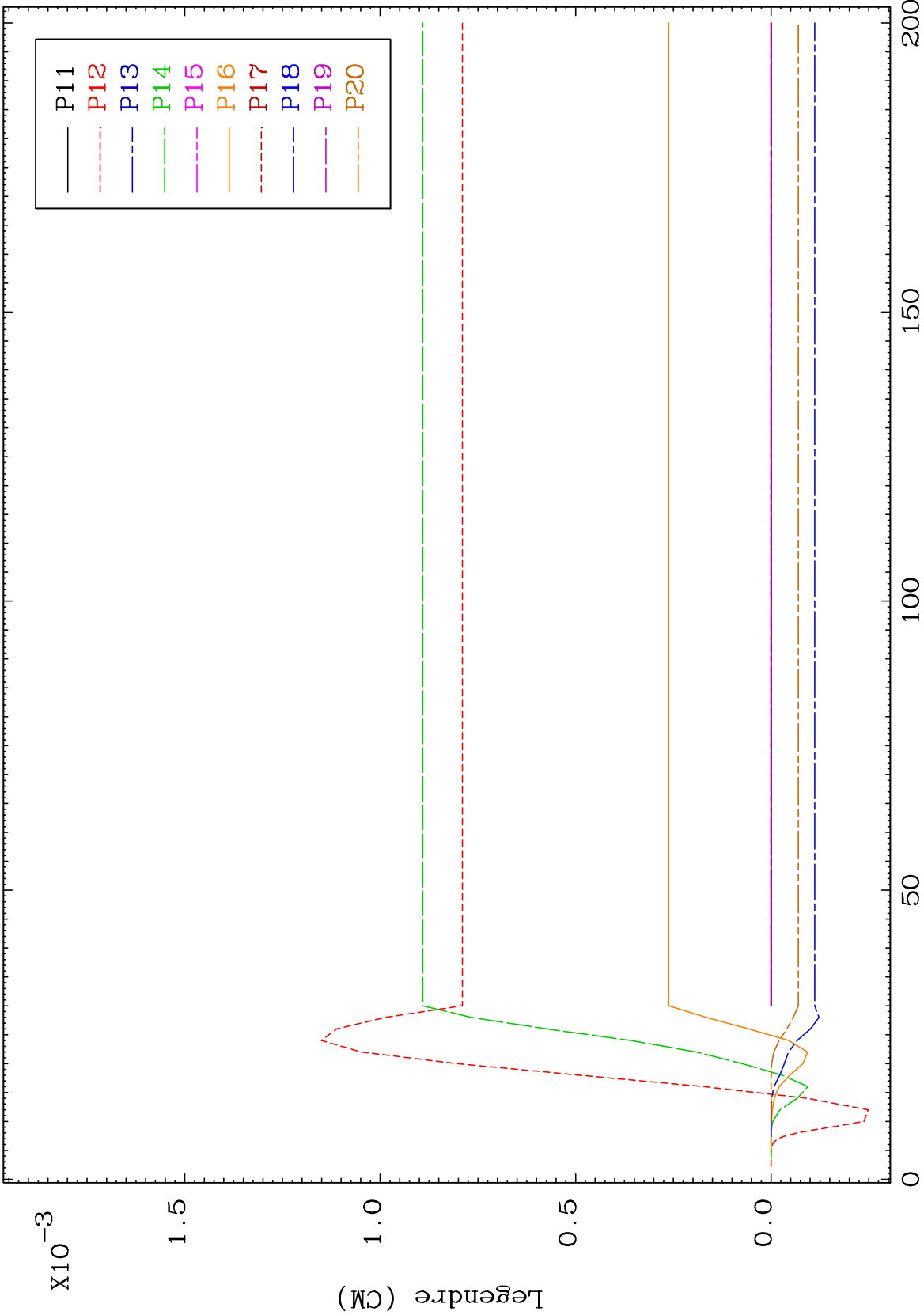
34



MAT 7740

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

77-Ir-196



36

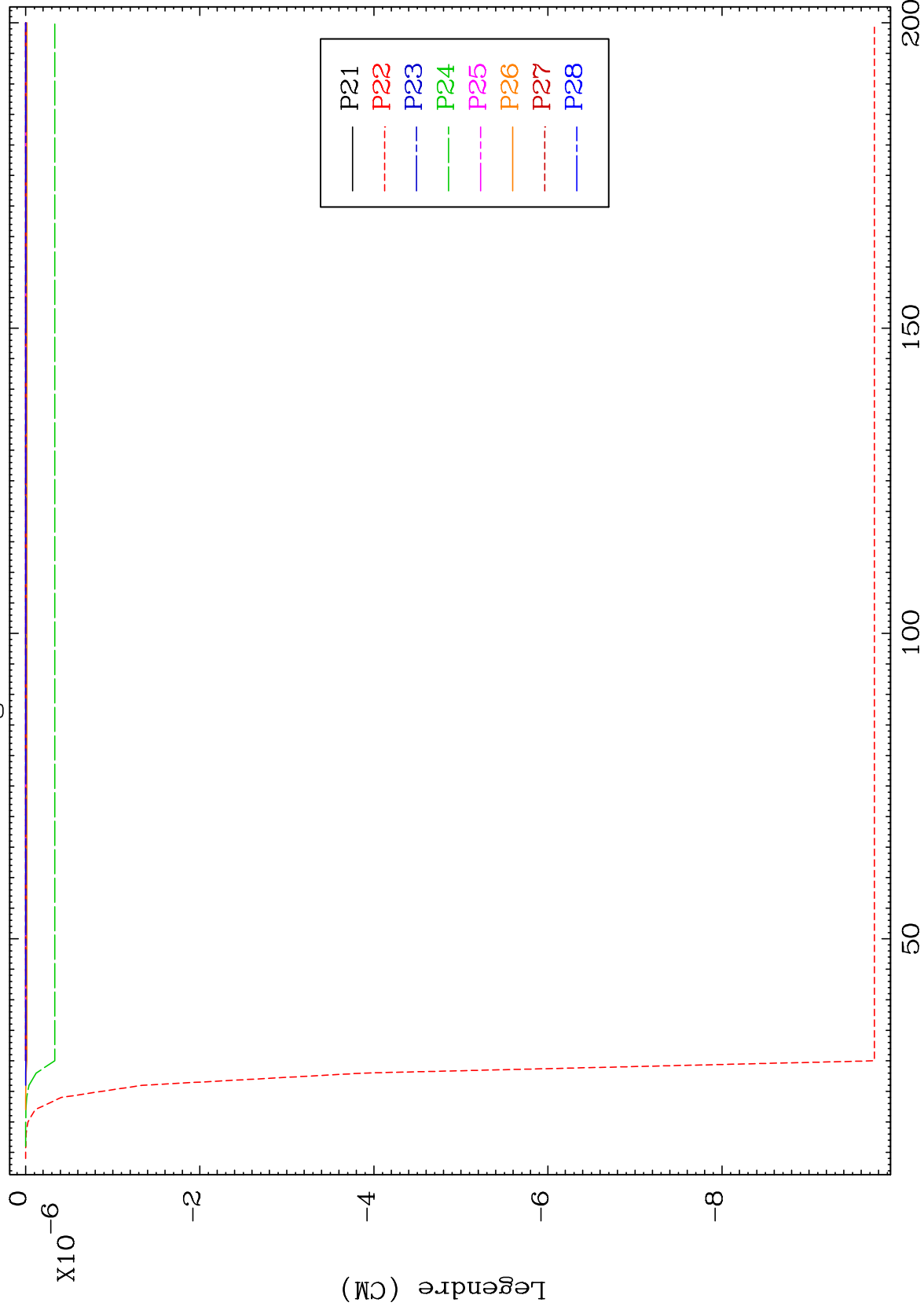
Incident Energy (MeV)

77-Ir-196

MAT 7740

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

77-Ir-196



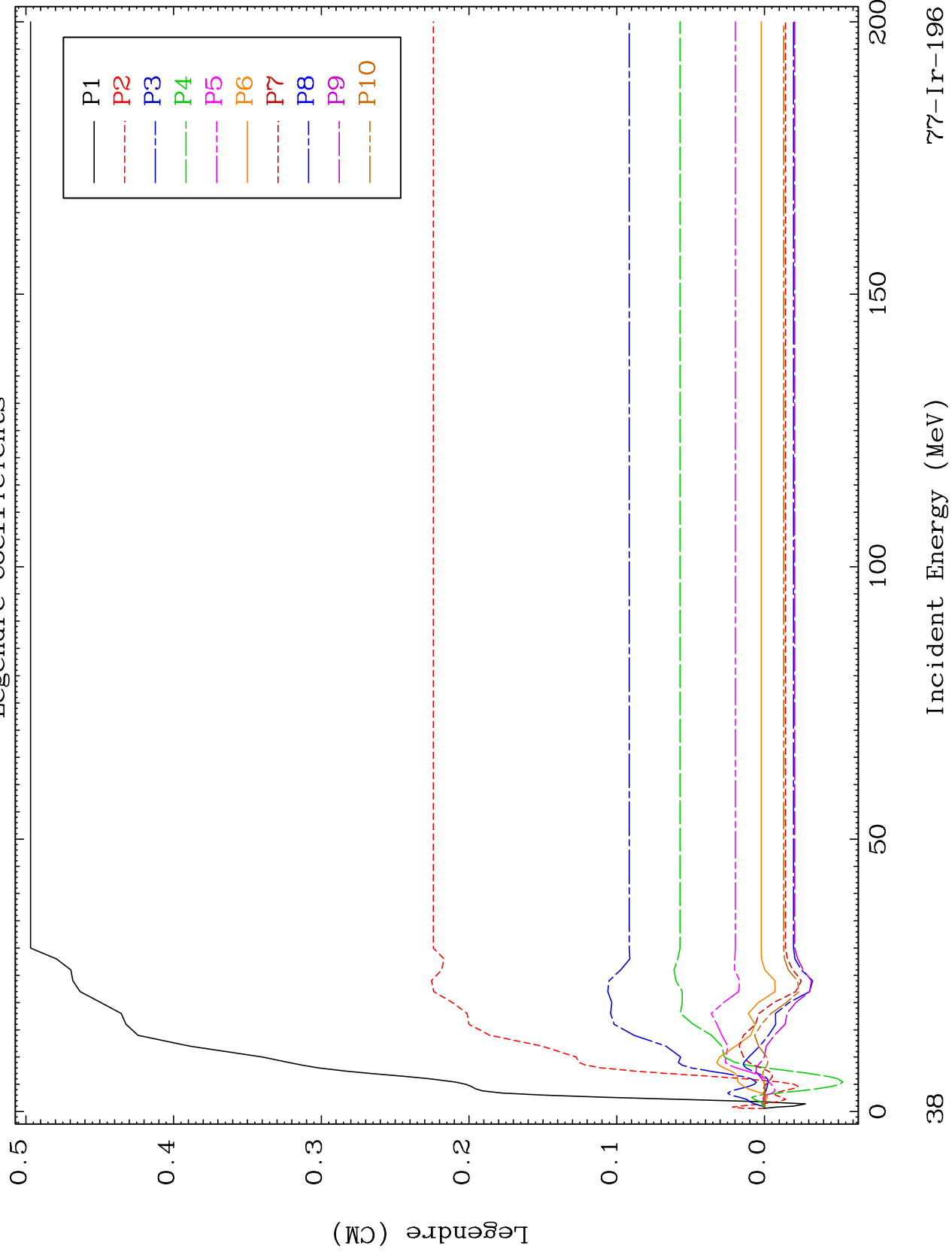
37

77-Ir-196

MAT 7740

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

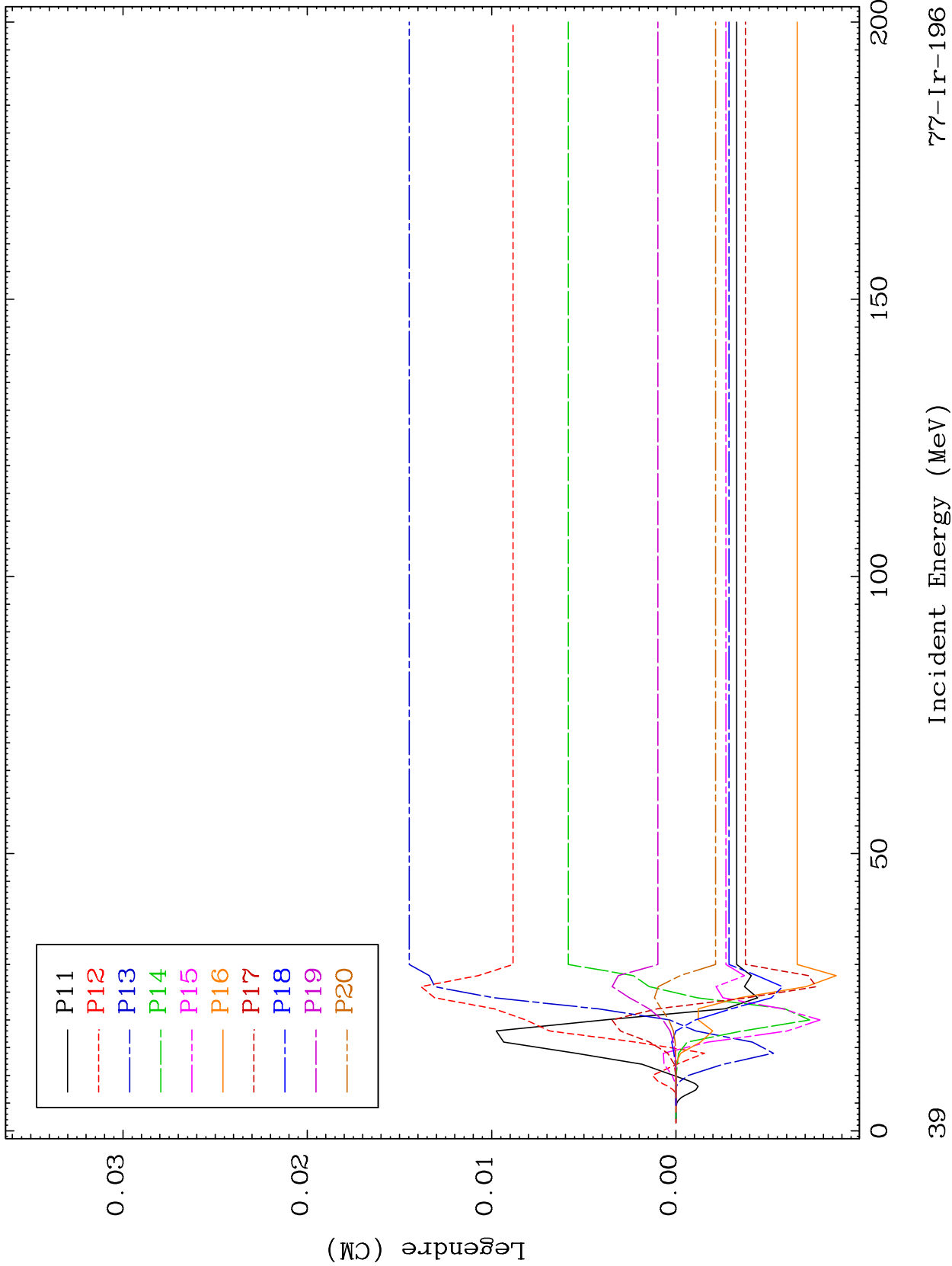
77-Ir-196



MAT 7740

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

77-Ir-196



39

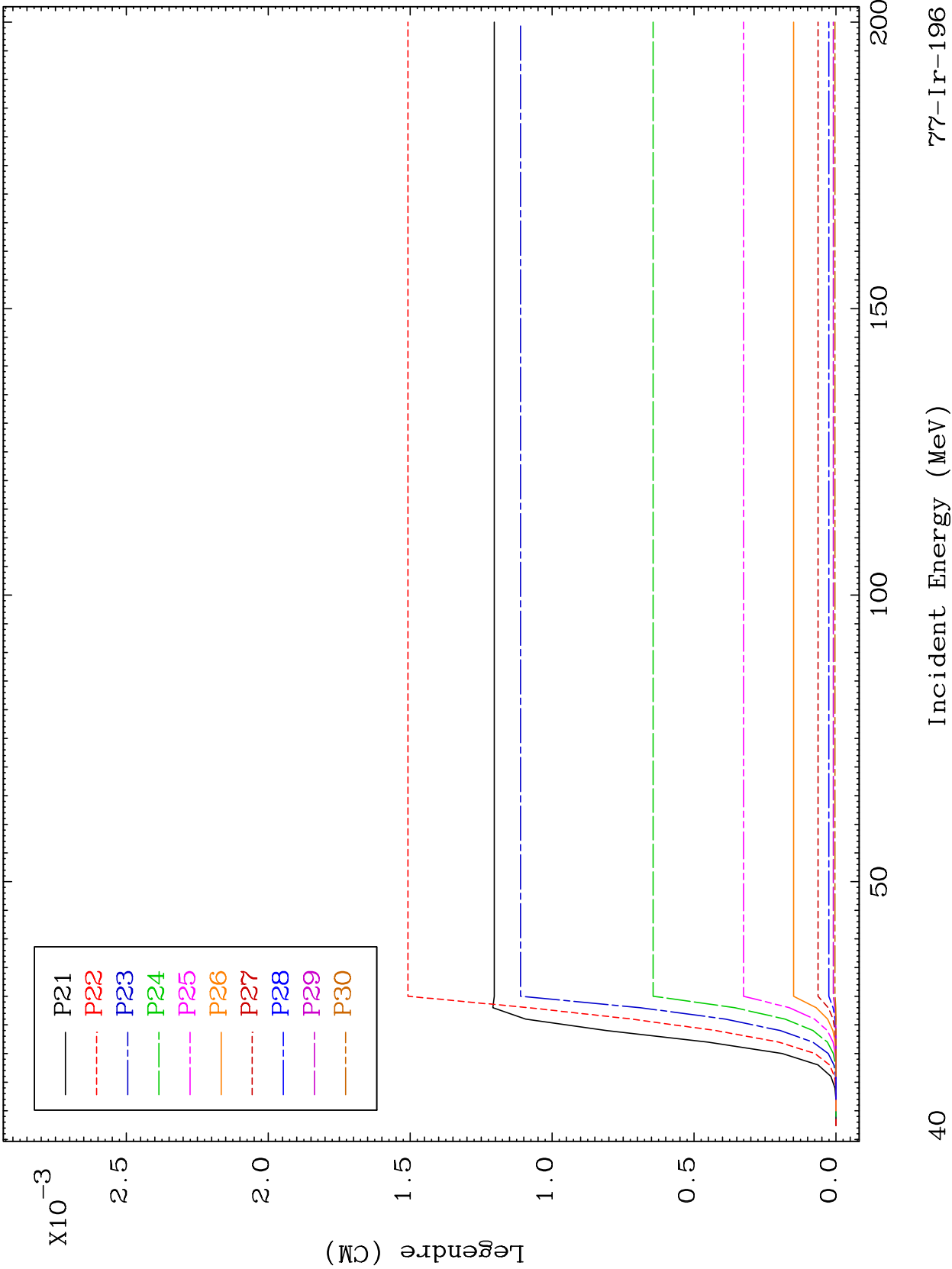
Incident Energy (MeV)

77-Ir-196

MAT 7740

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

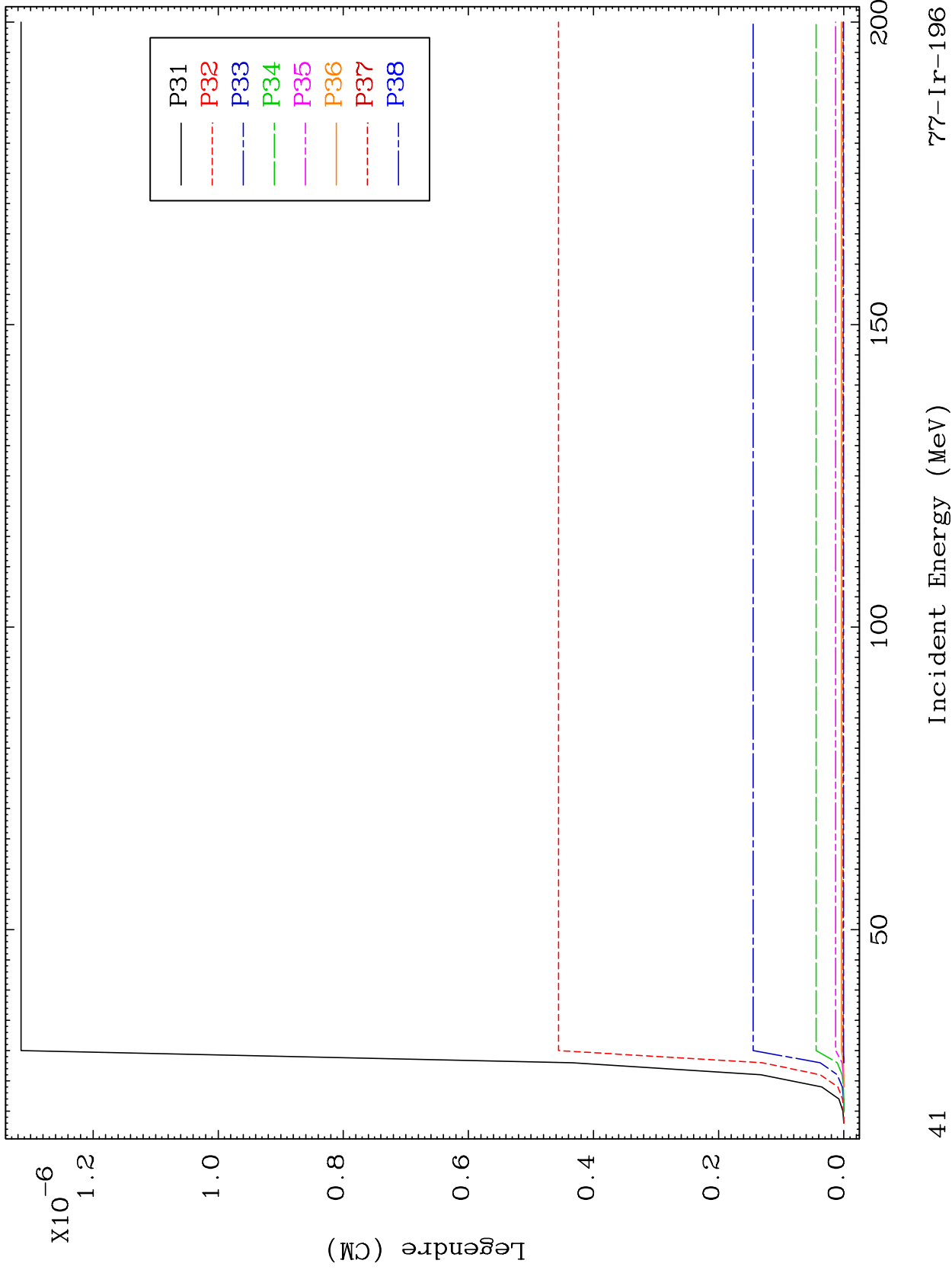
77-Ir-196



77-Ir-196

Incident Energy (MeV)

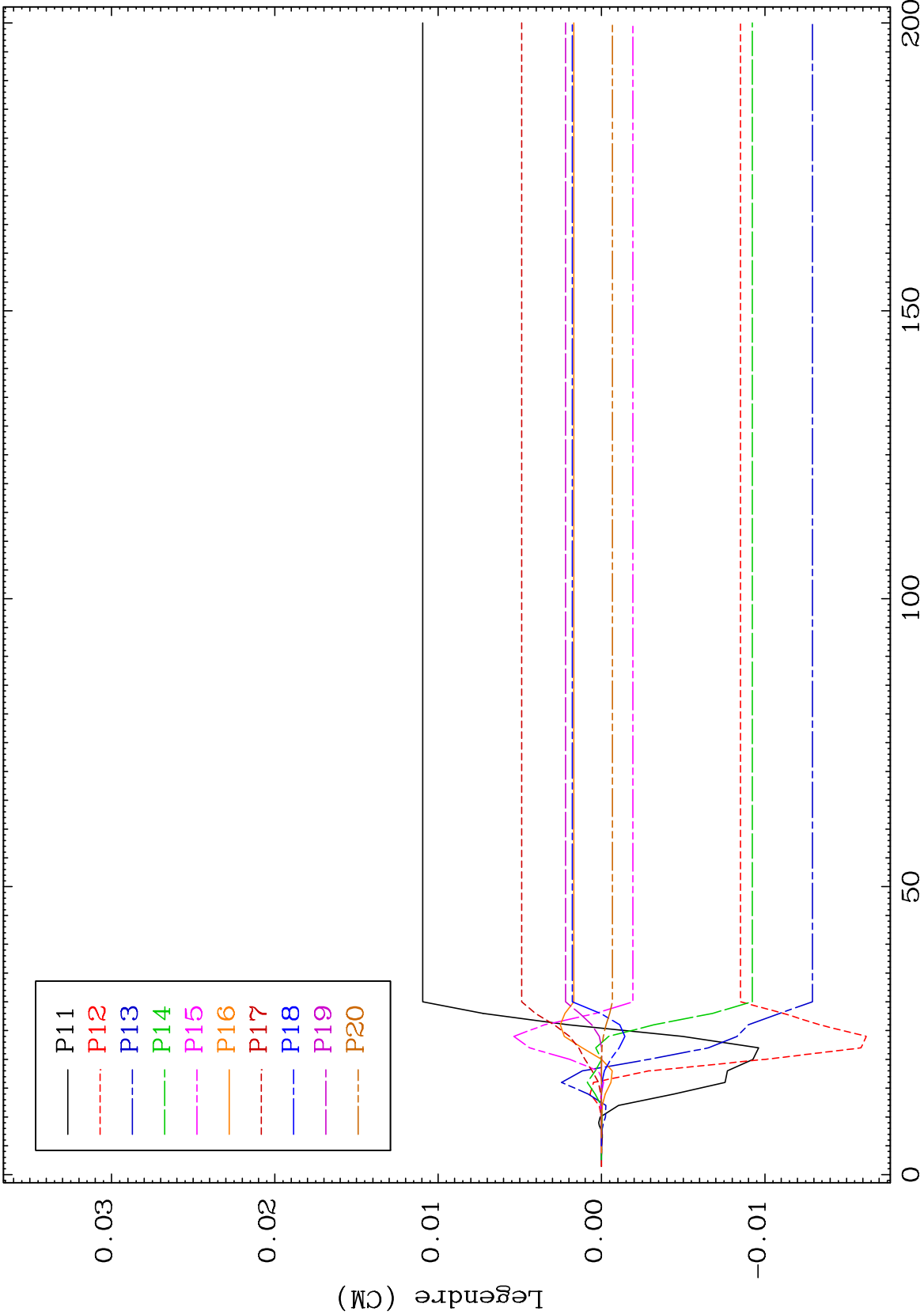
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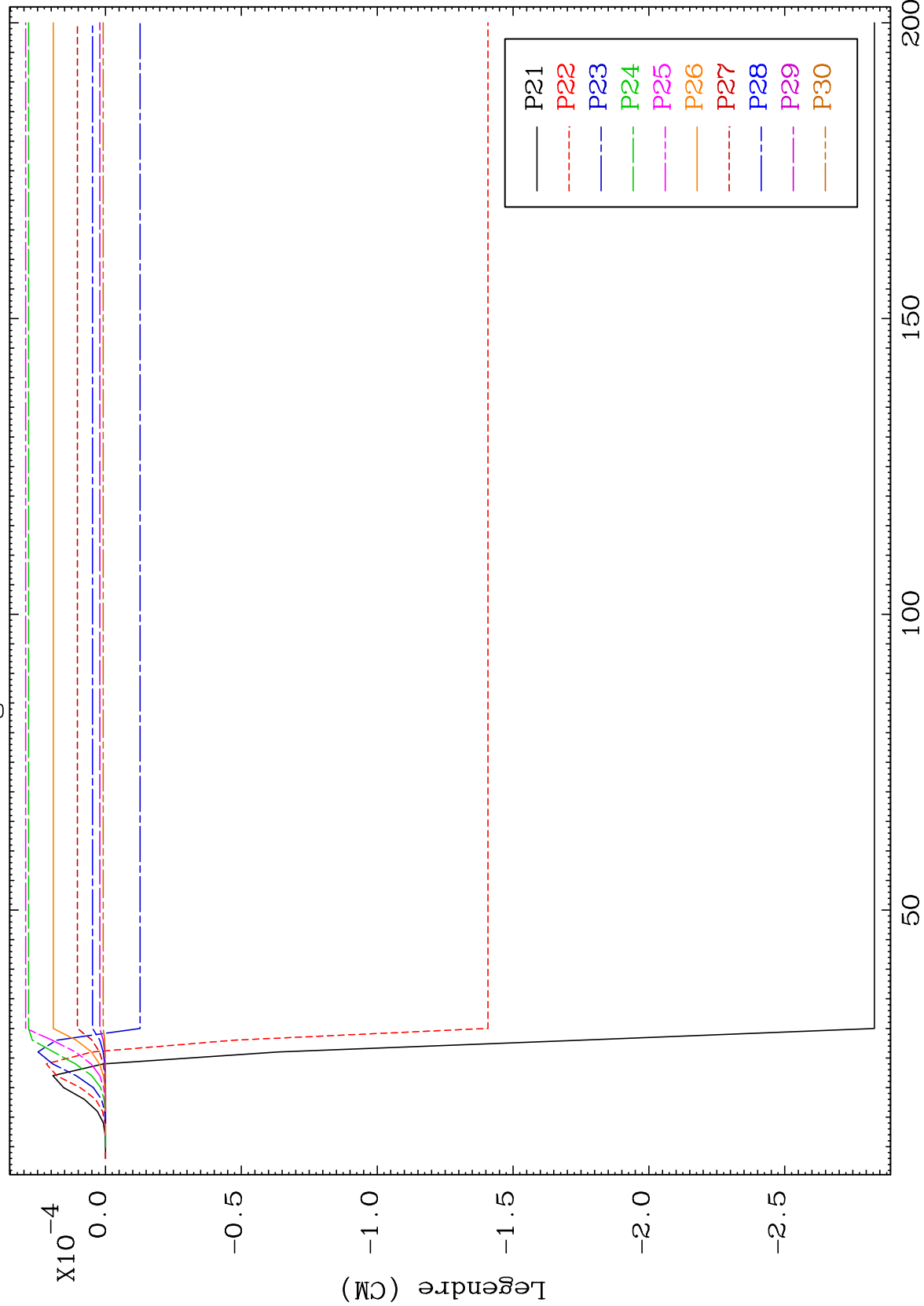


MAT 7740

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

77-Ir-196

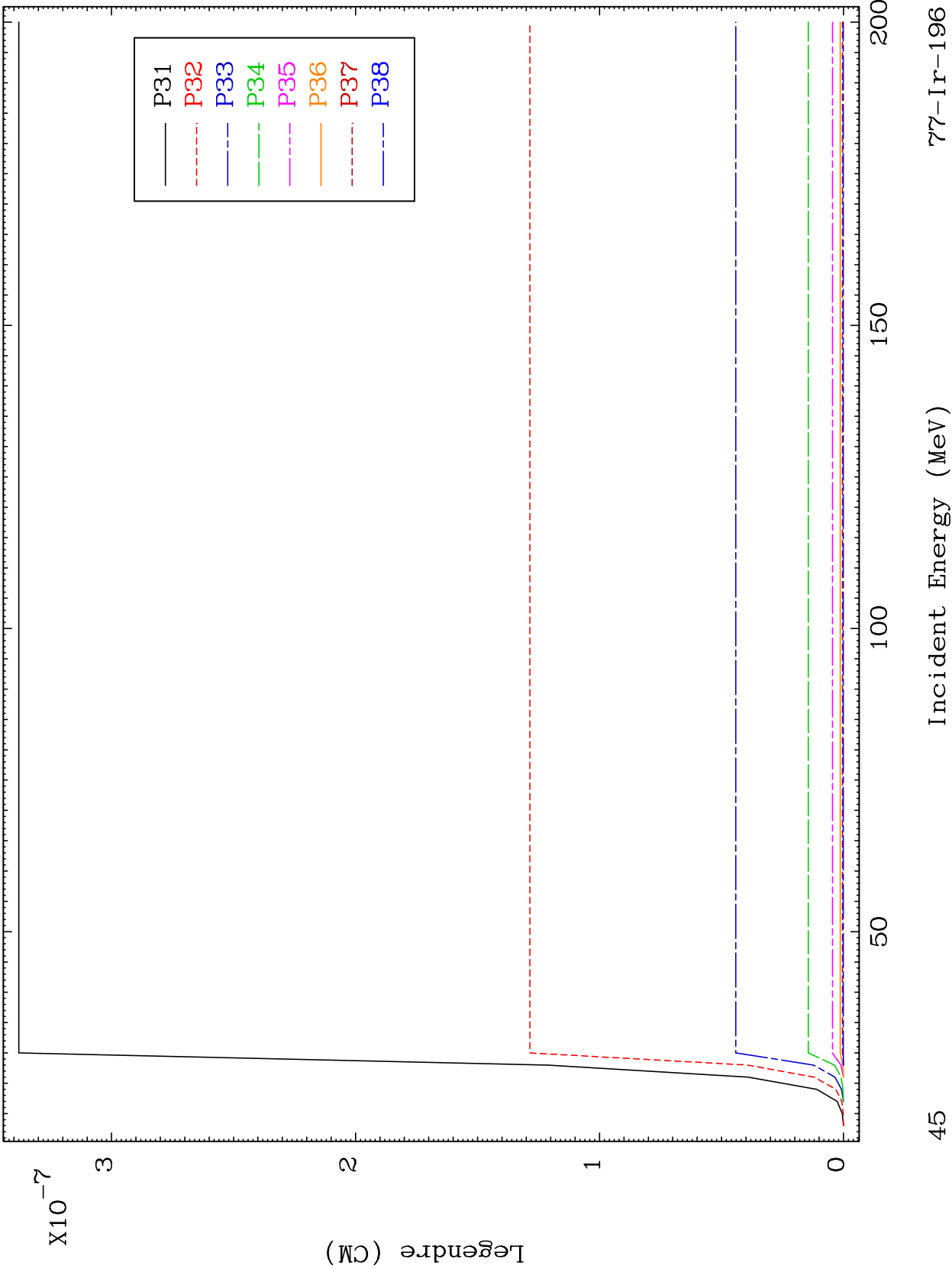


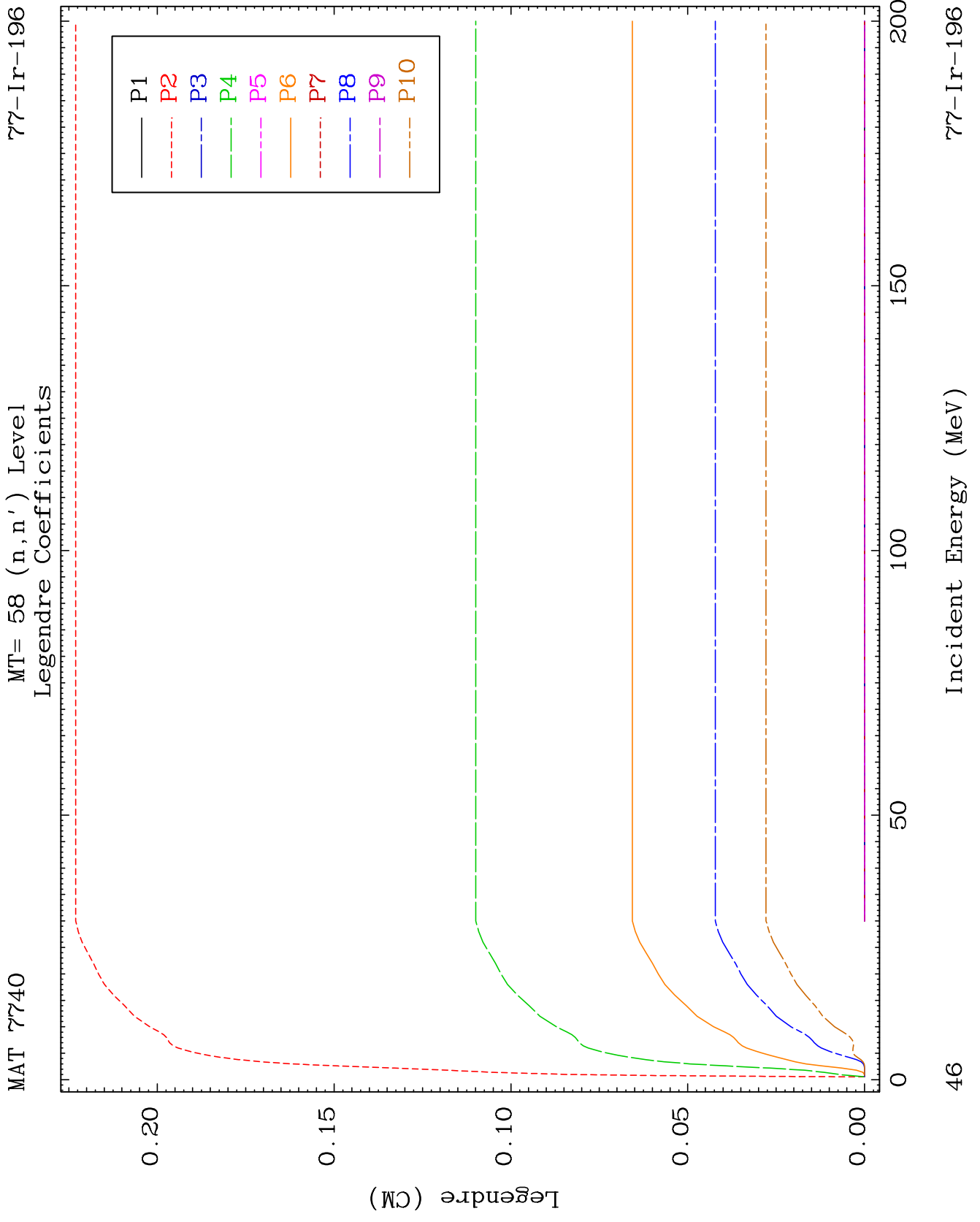


MAT 7740

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

77-Ir-196

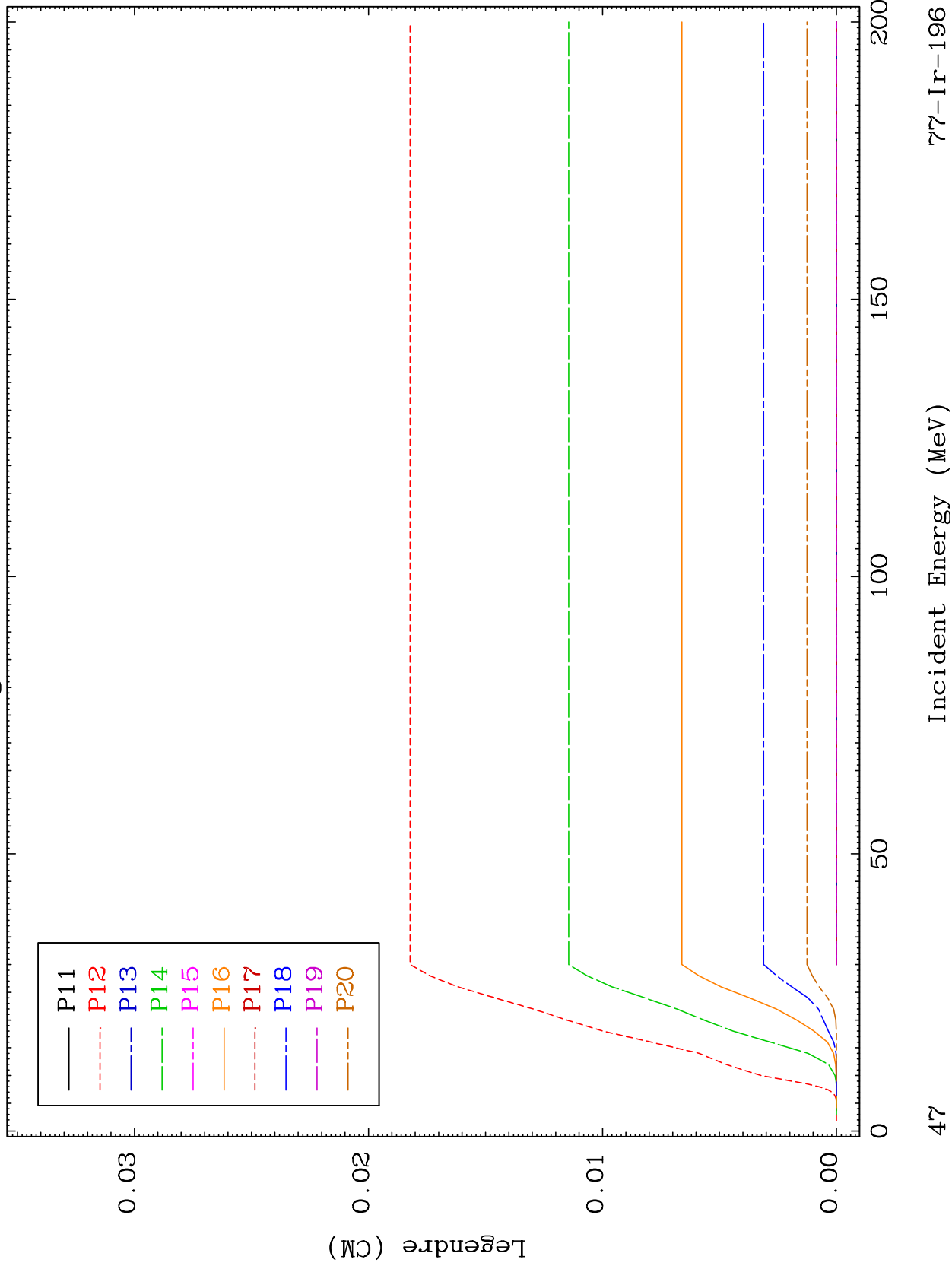




MAT 7740

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

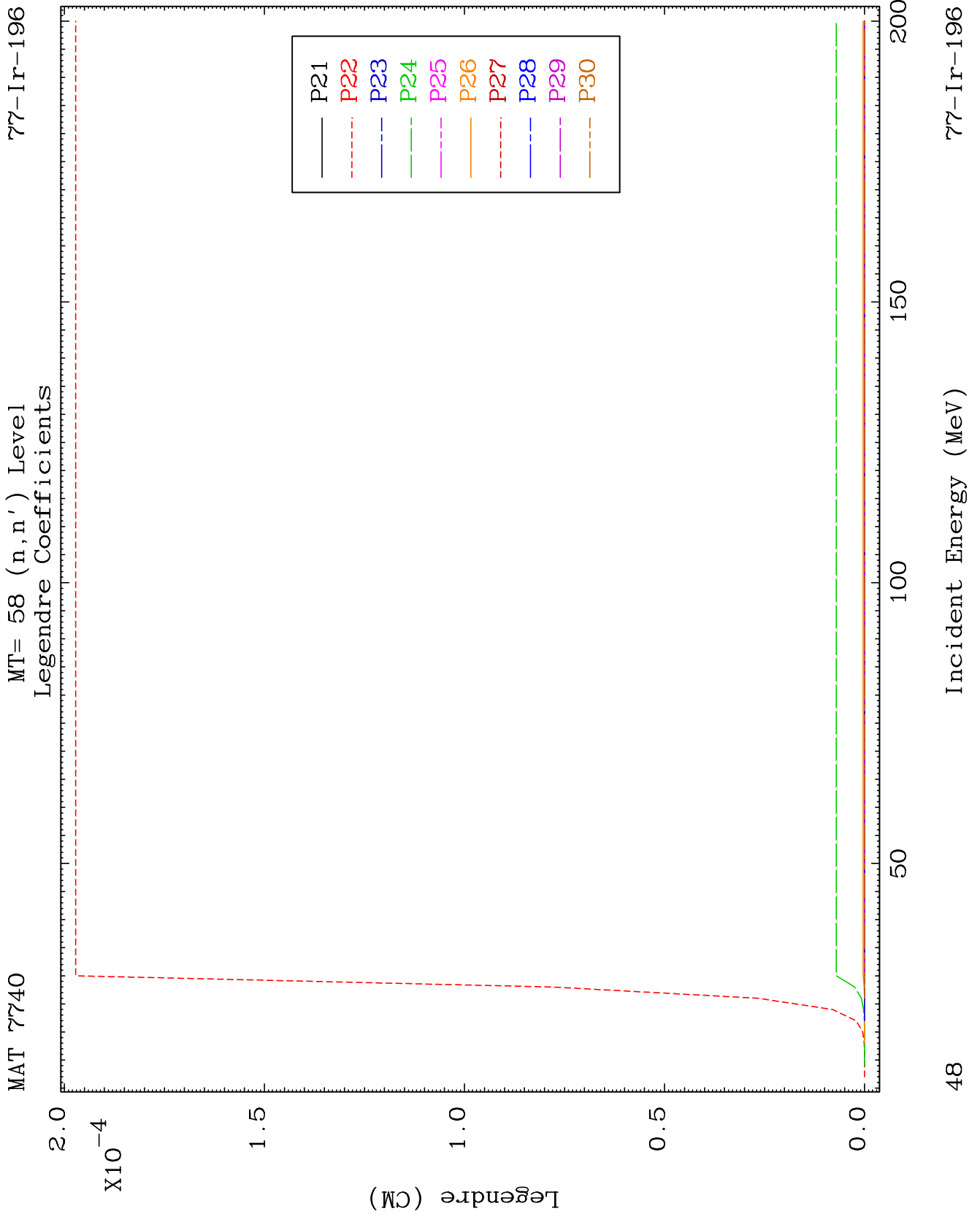
77-Ir-196



47

Incident Energy (MeV)

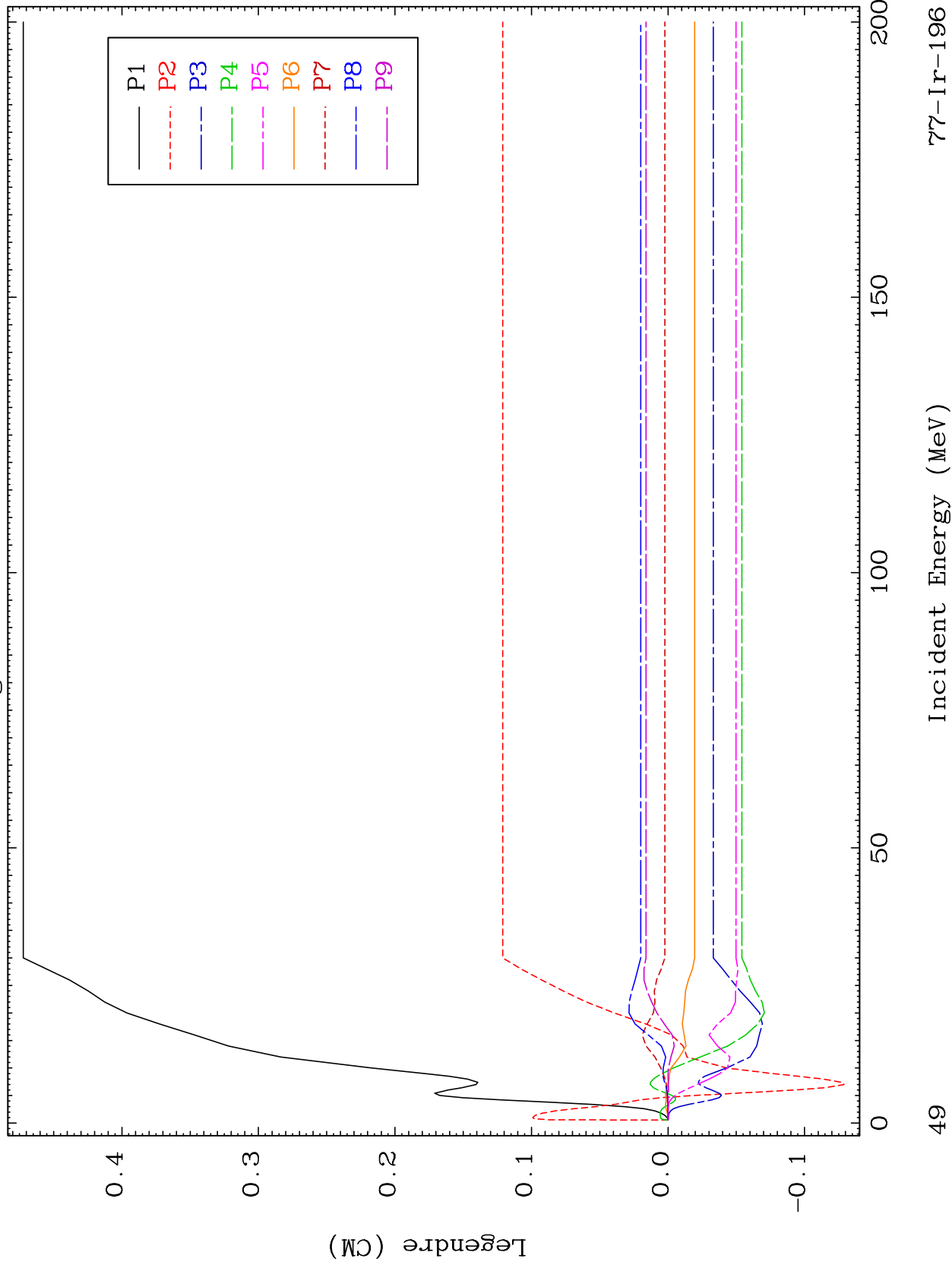
77-Ir-196



MAT 7740

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

77-Ir-196



77-Ir-196

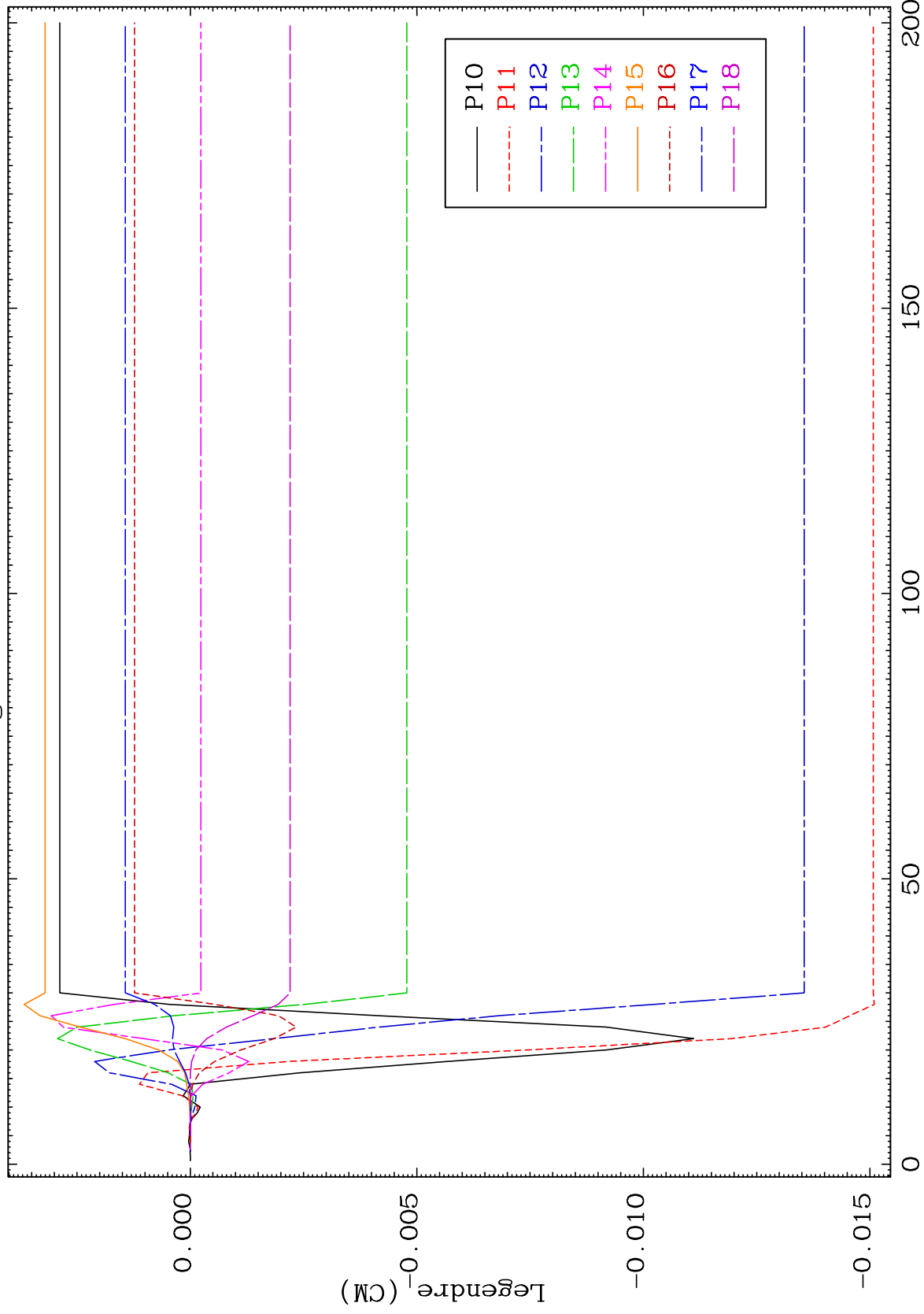
Incident Energy (MeV)

49

MAT 7740

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

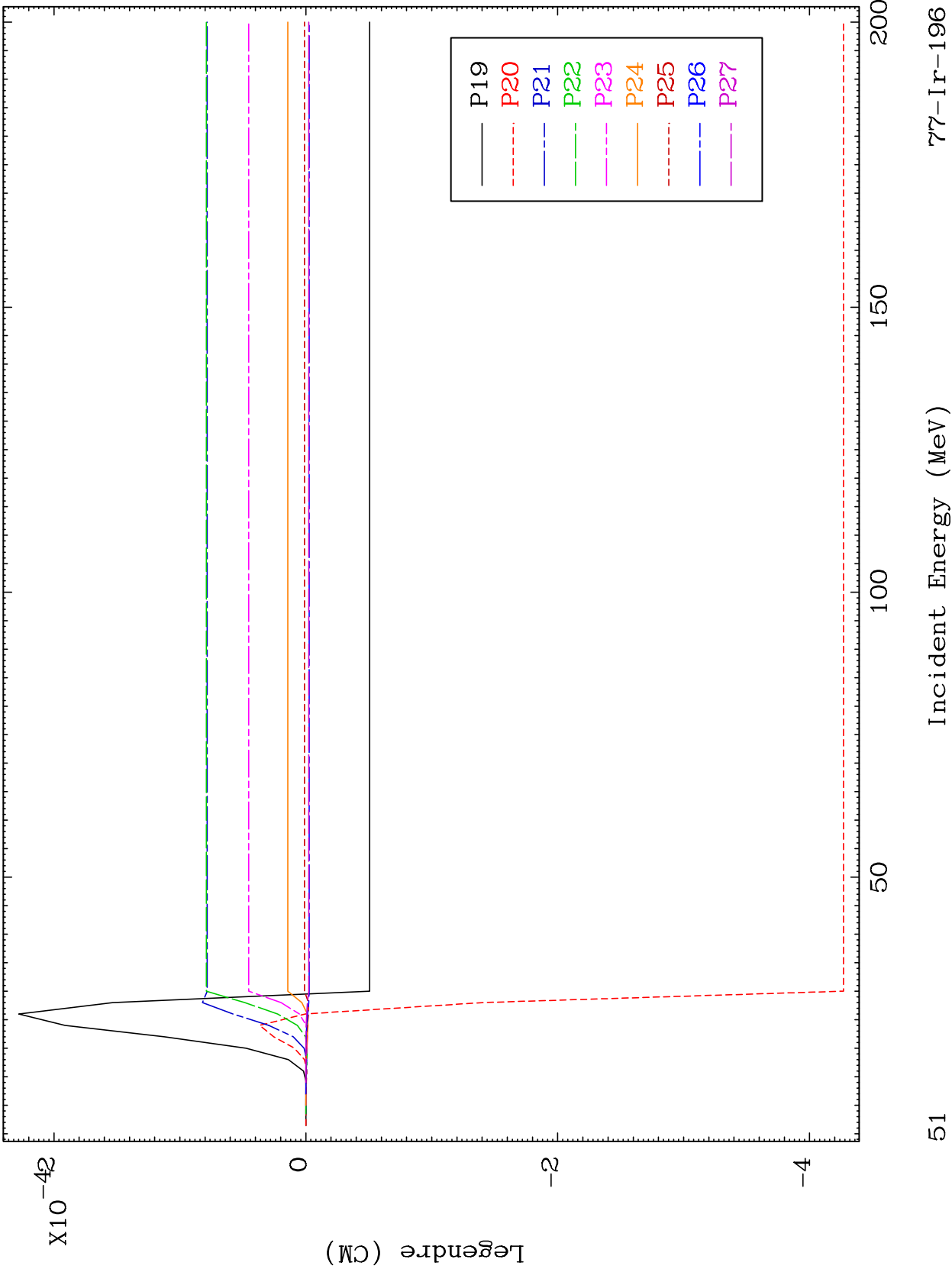
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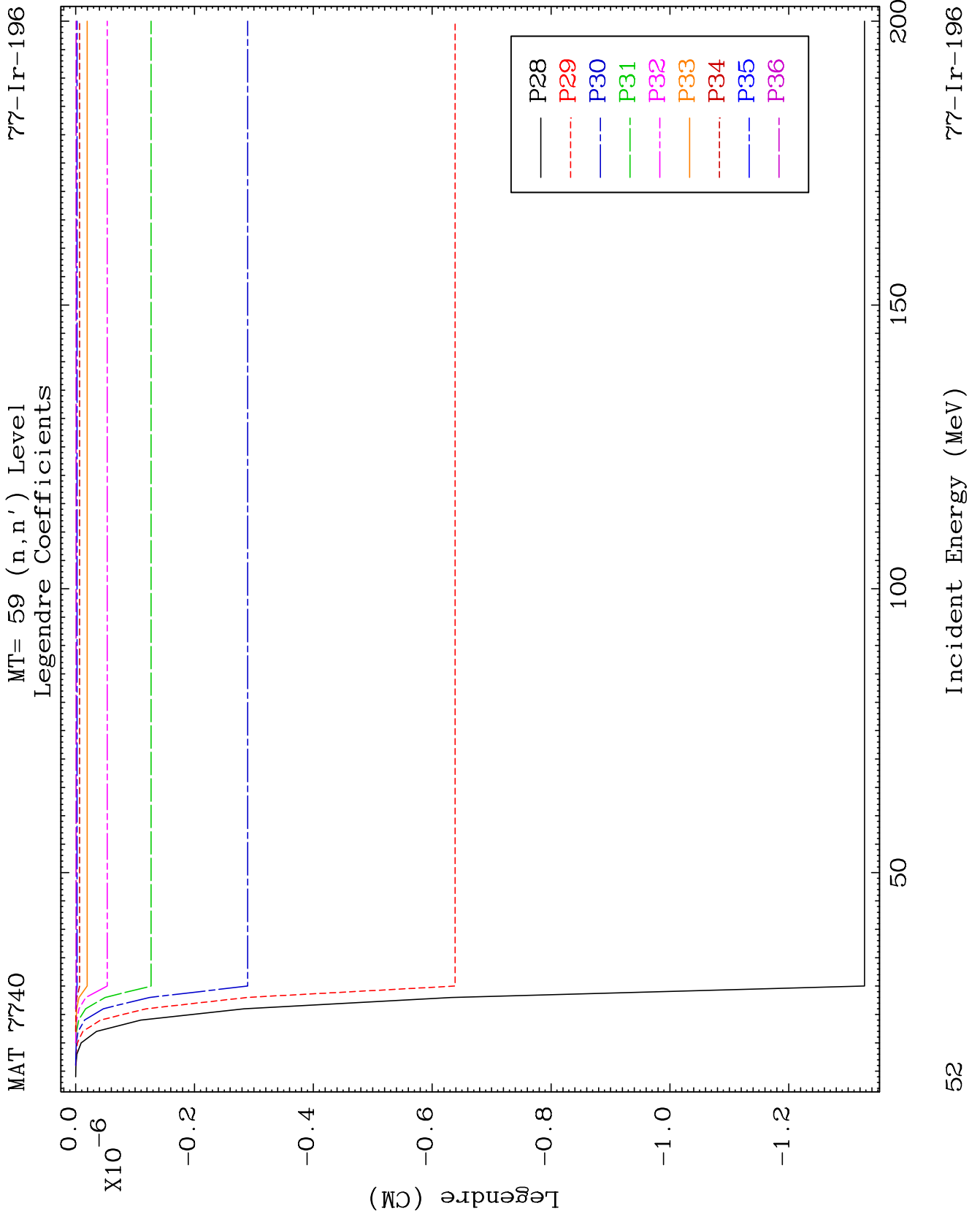


77-Ir-196

Incident Energy (MeV)

50

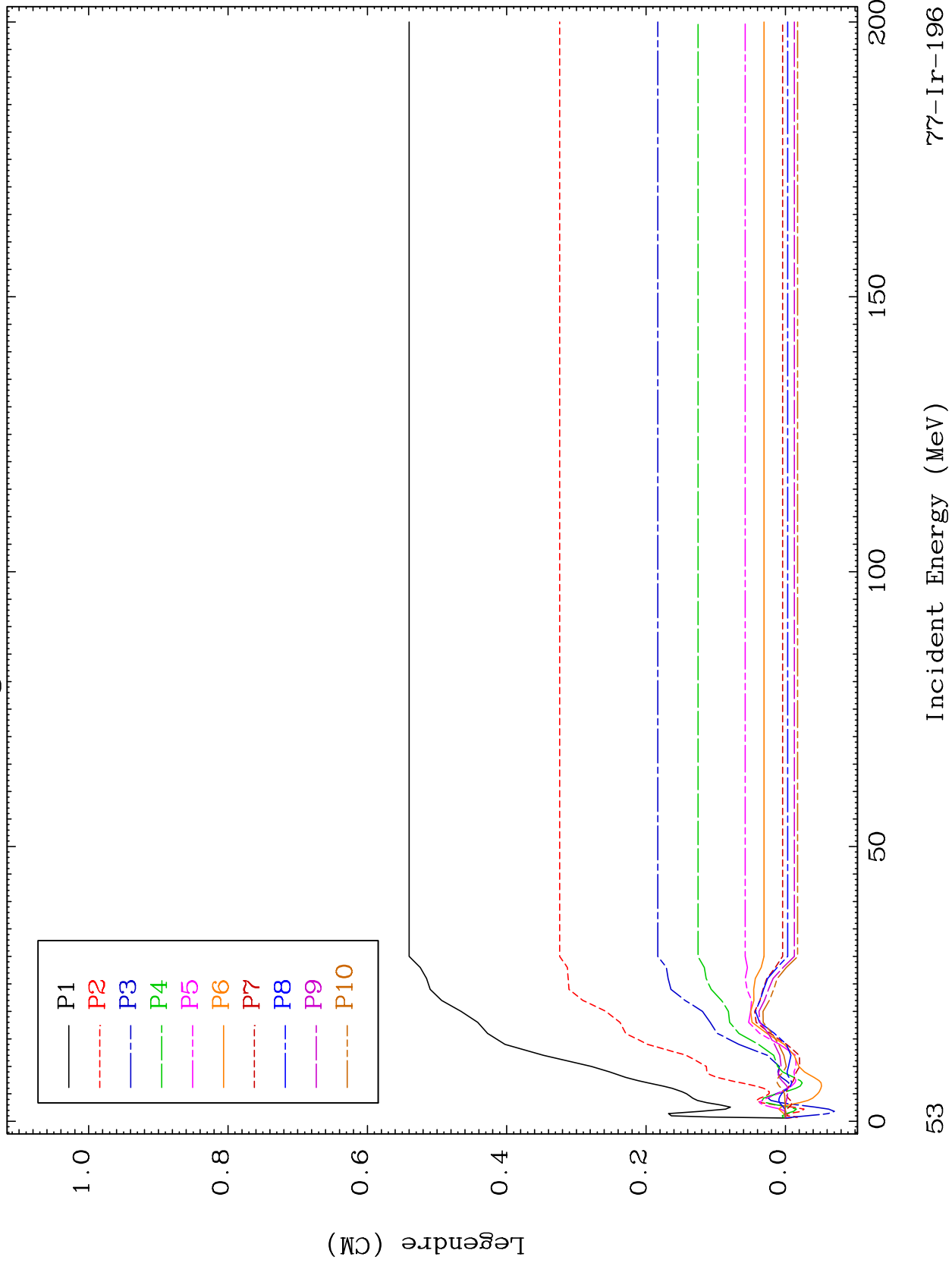




MAT 7740

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

77-Ir-196



77-Ir-196

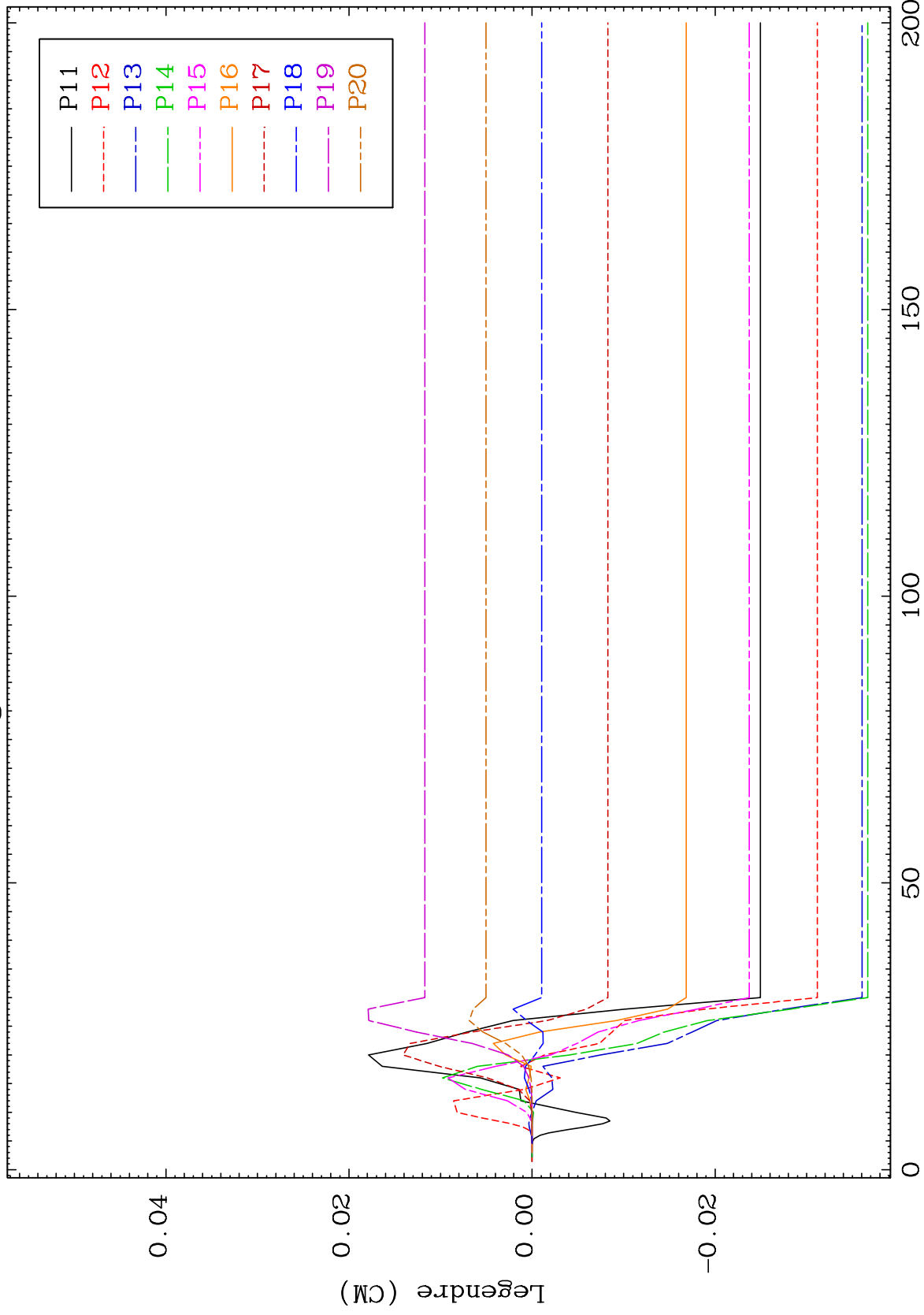
Incident Energy (MeV)

53

MAT 7740

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

77-Ir-196



54

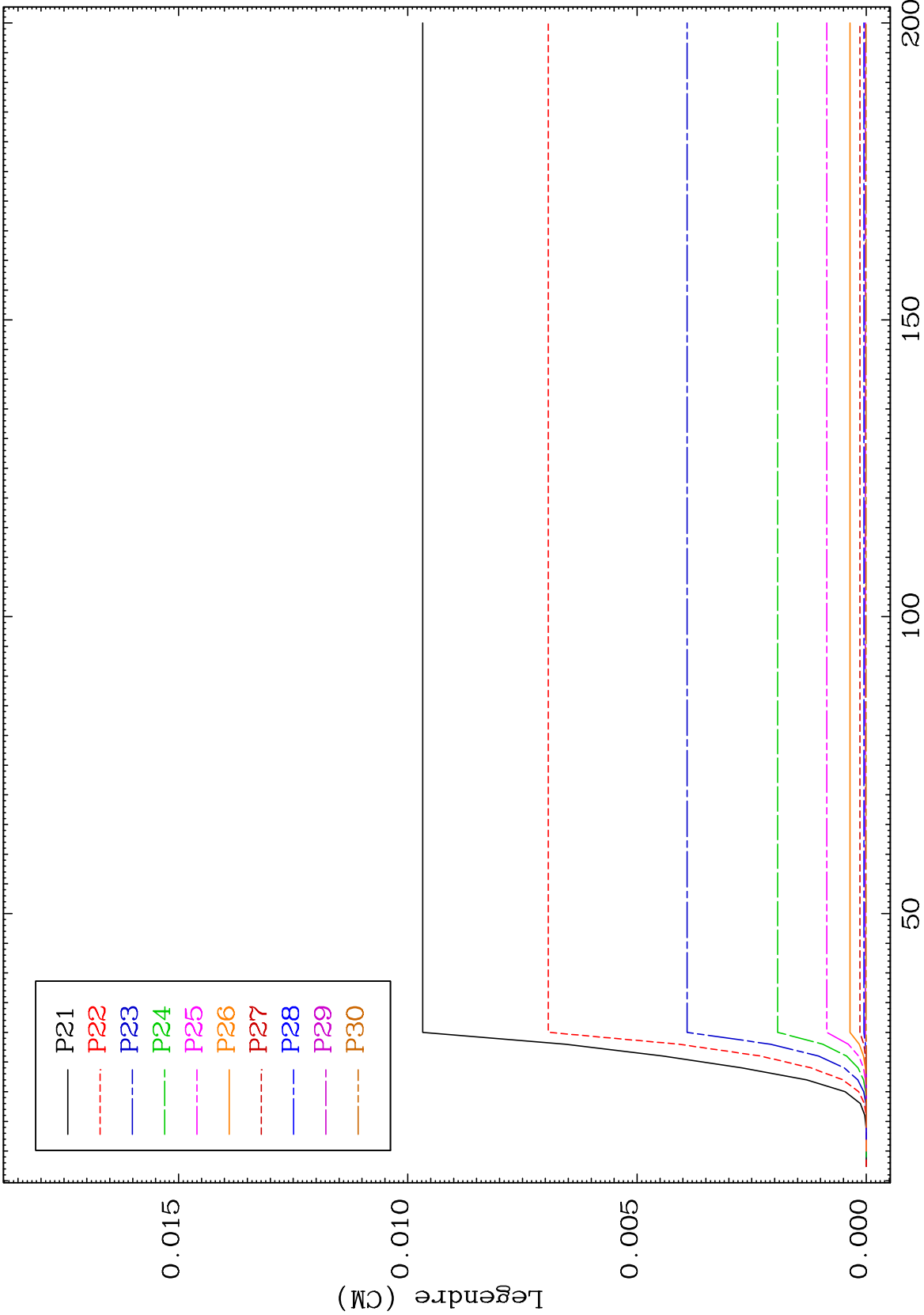
Incident Energy (MeV)

77-Ir-196

MAT 7740

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

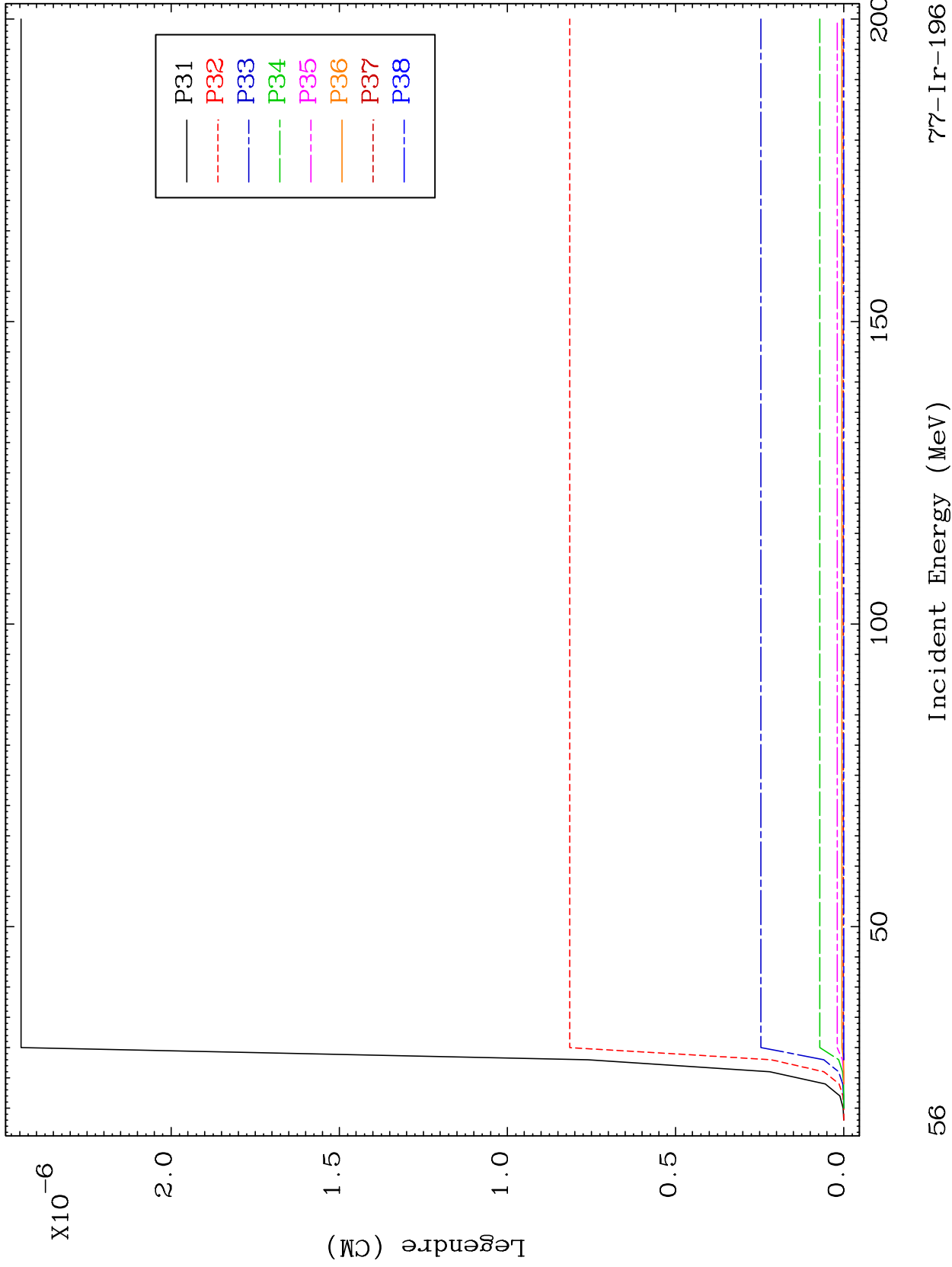
77-Ir-196



55

Incident Energy (MeV)

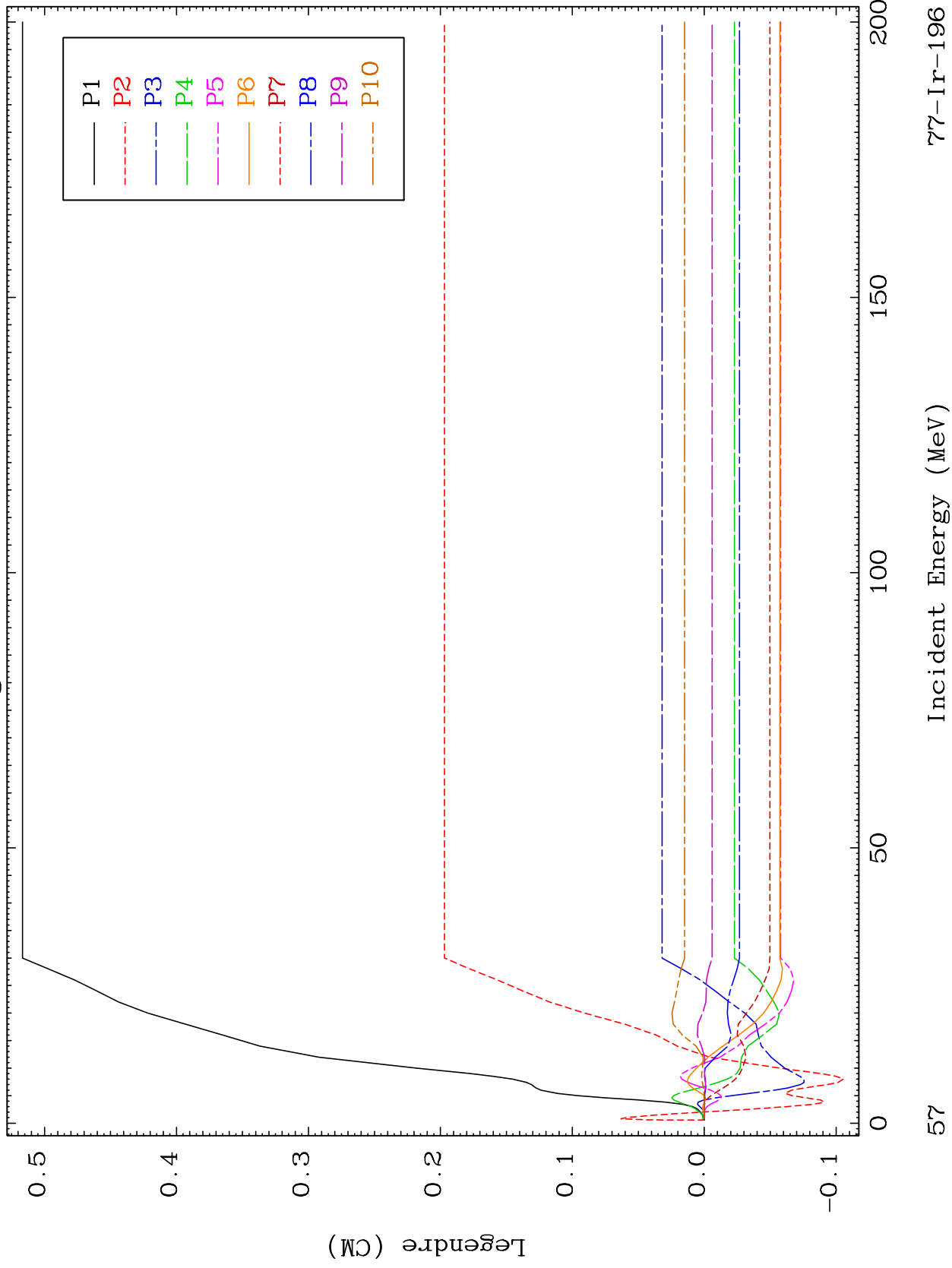
77-Ir-196



MAT 7740

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

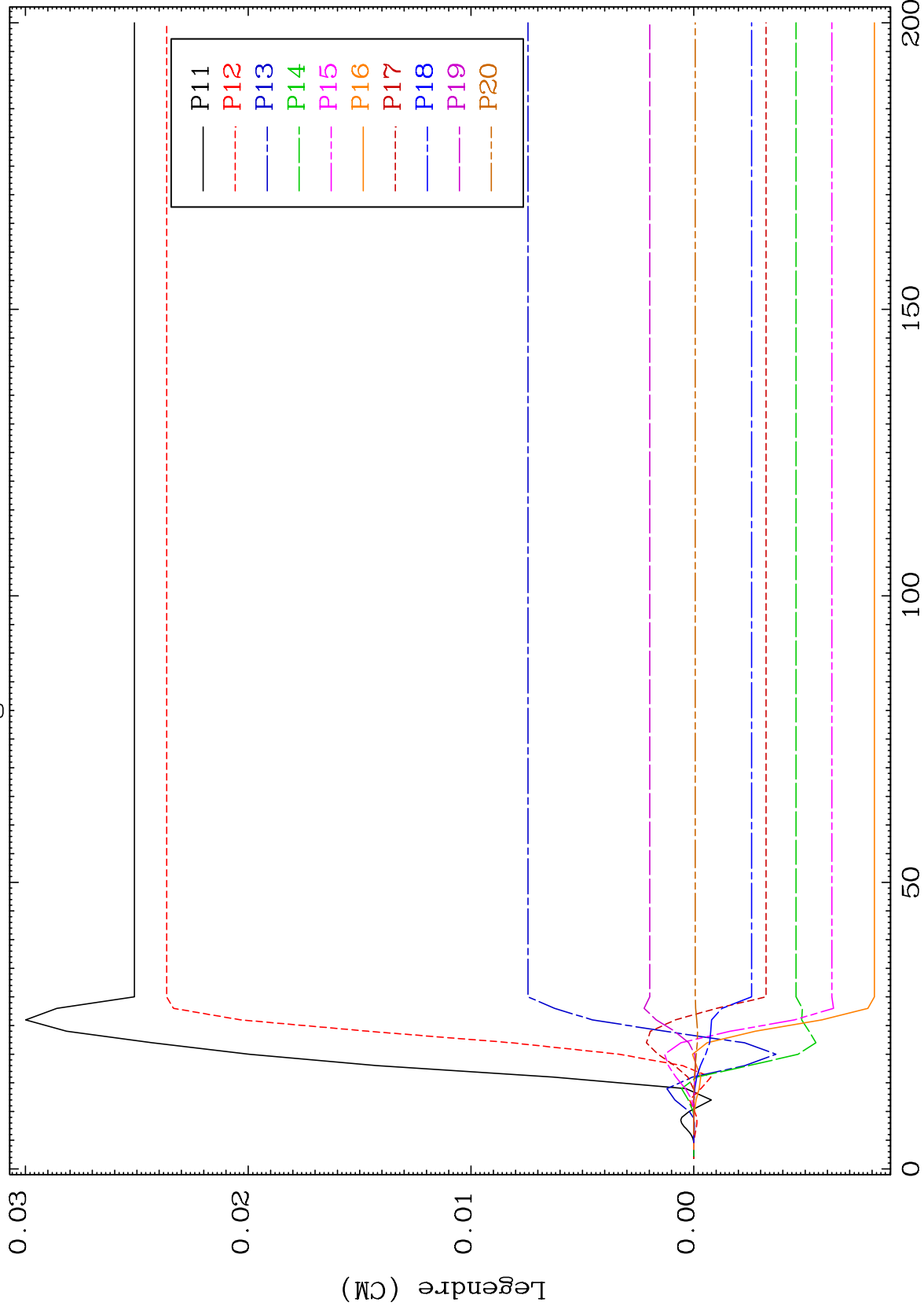
77-Ir-196



MAT 7740

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

77-Ir-196



58

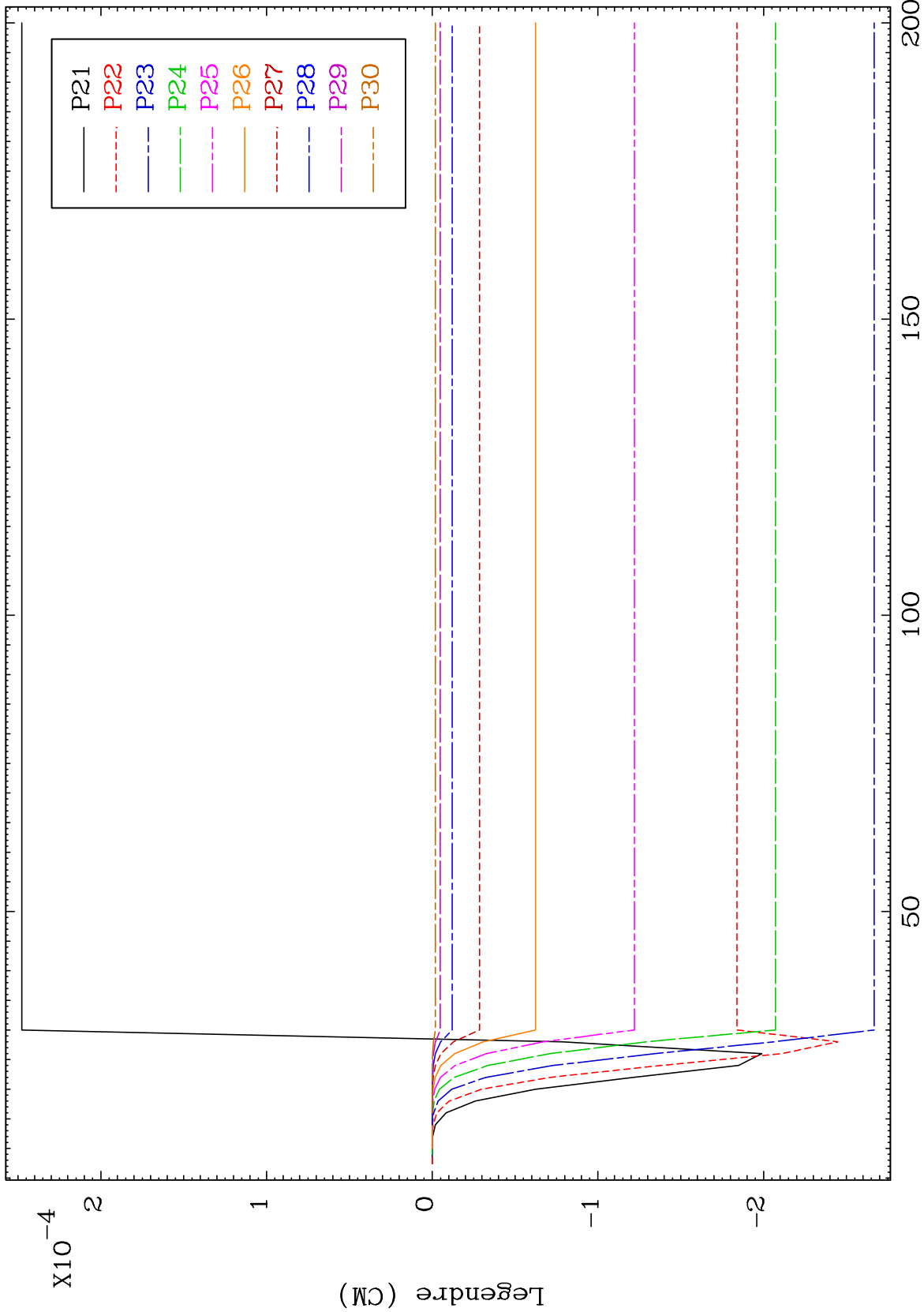
Incident Energy (MeV)

77-Ir-196

MAT 7740

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

77-Ir-196



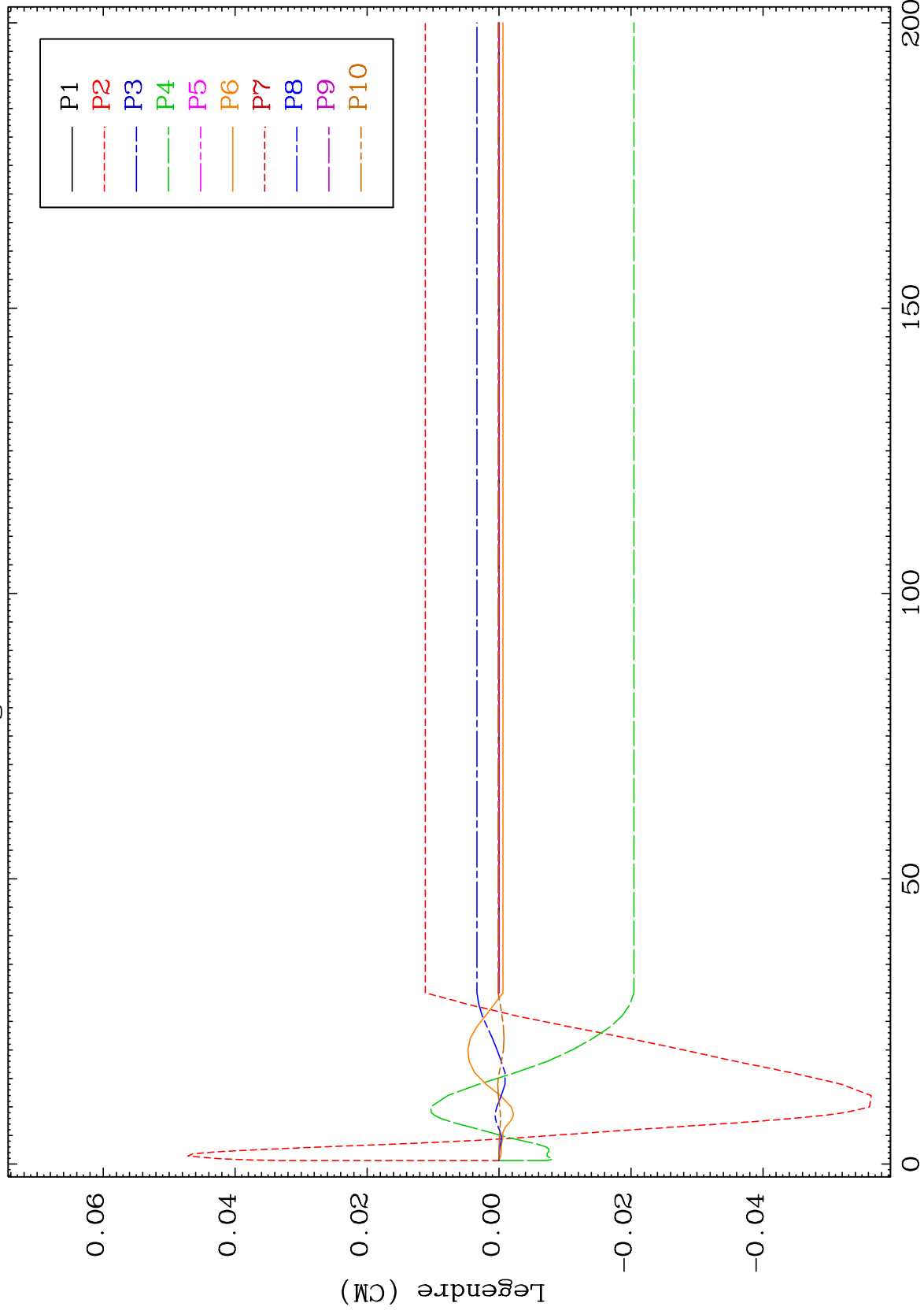
59

77-Ir-196

MAT 7740

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

77-Ir-196



61

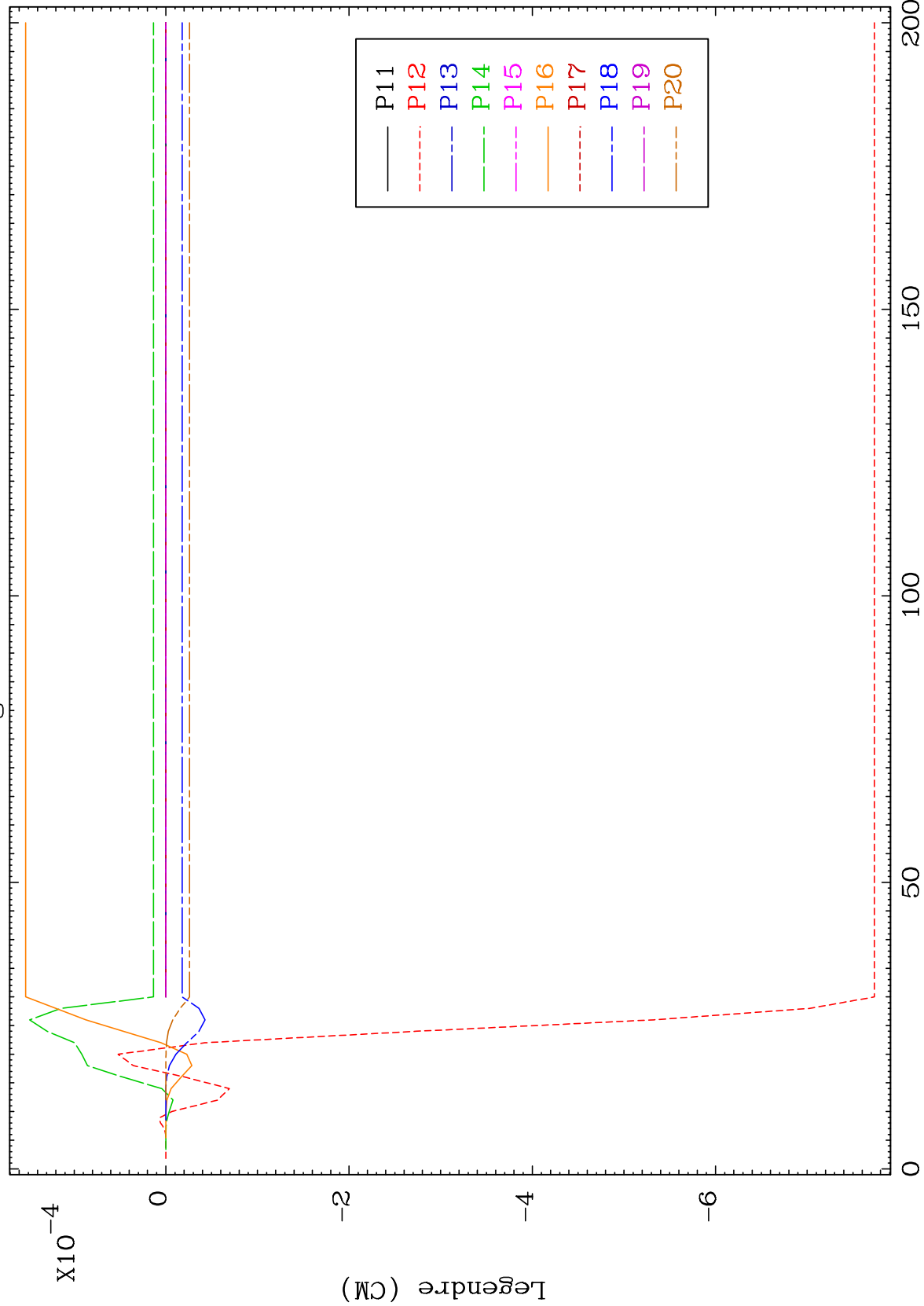
Incident Energy (MeV)

77-Ir-196

MAT 7740

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

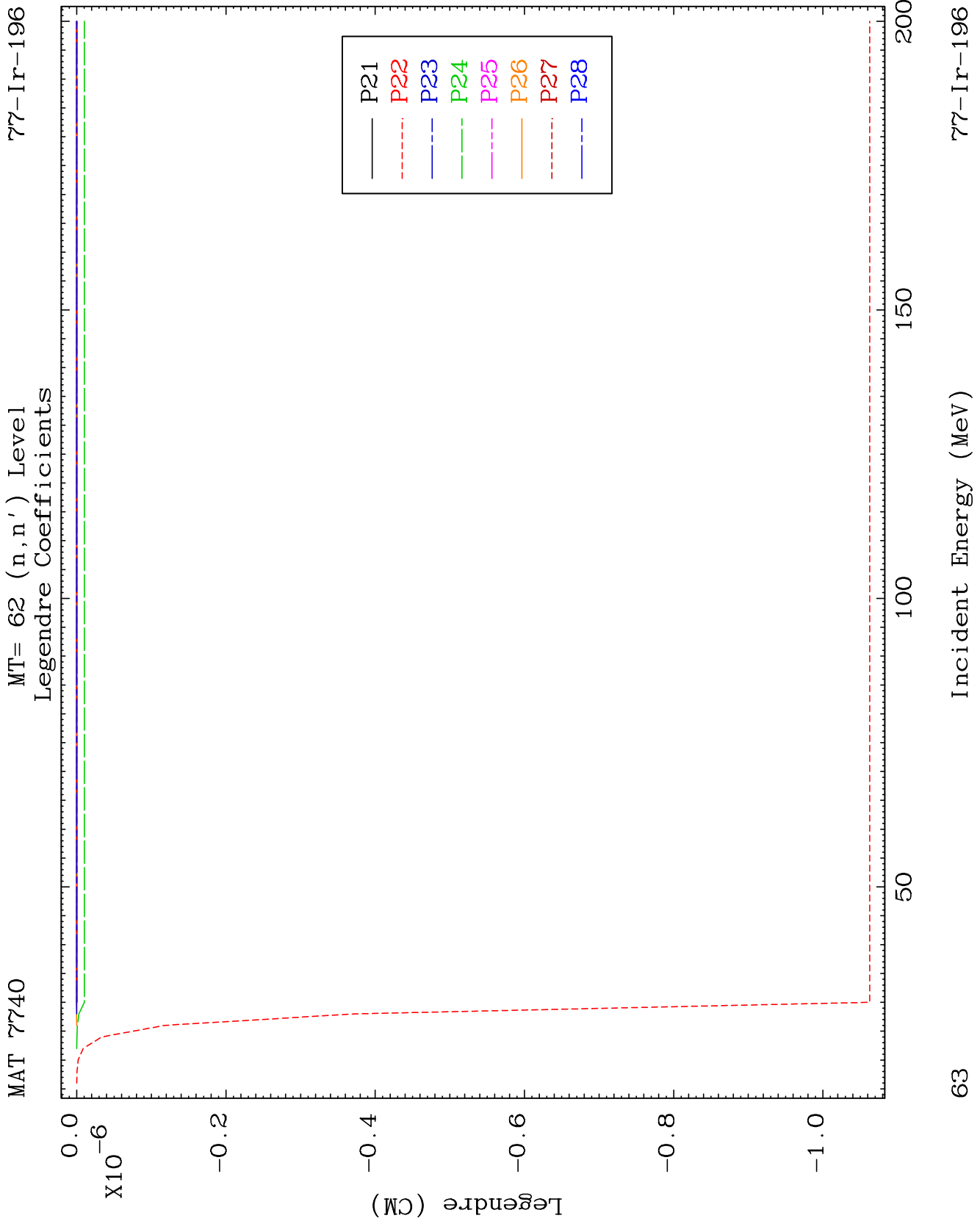
77-Ir-196



62

Incident Energy (MeV)

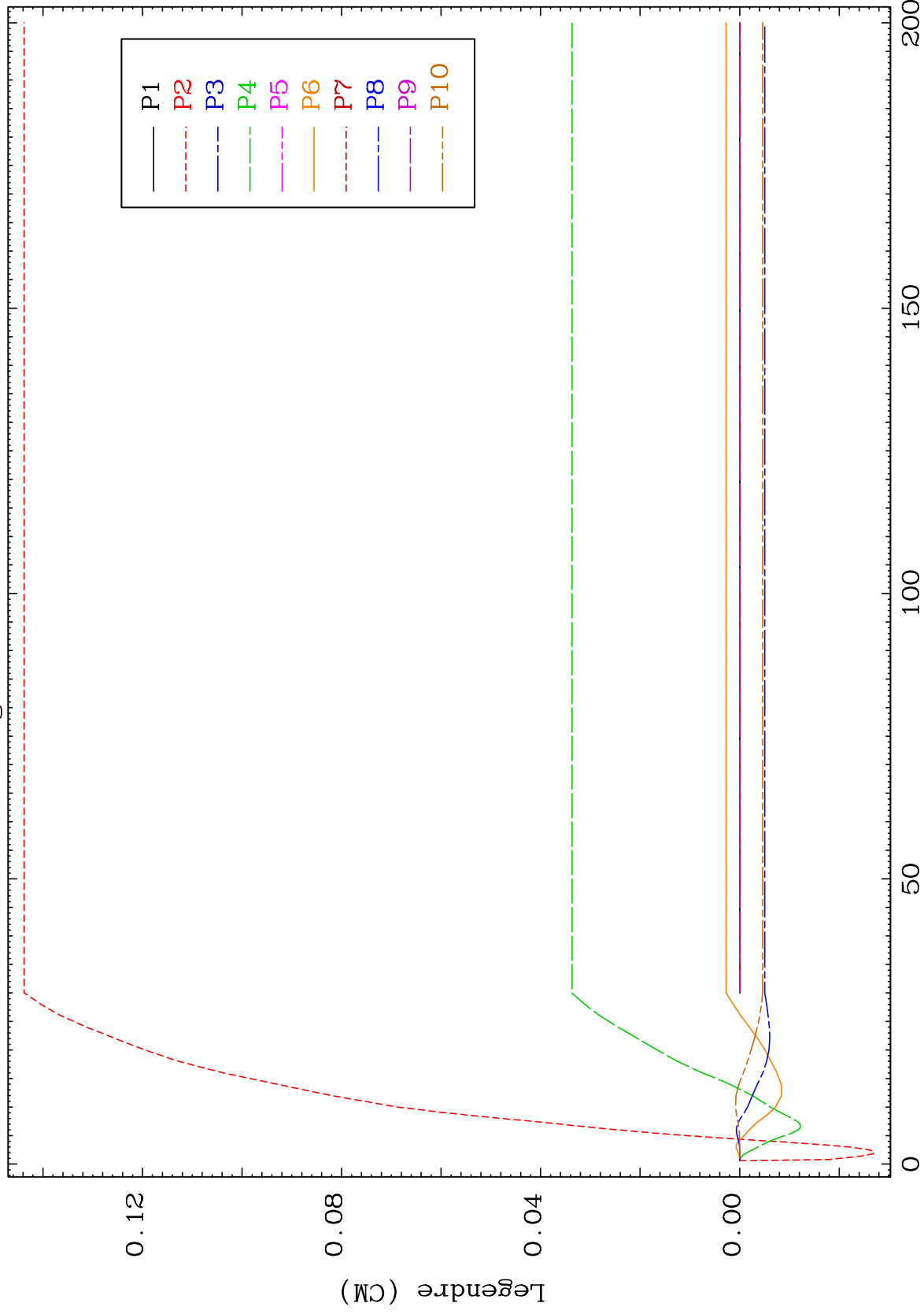
77-Ir-196



MAT 7740

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

77-Ir-196



77-Ir-196

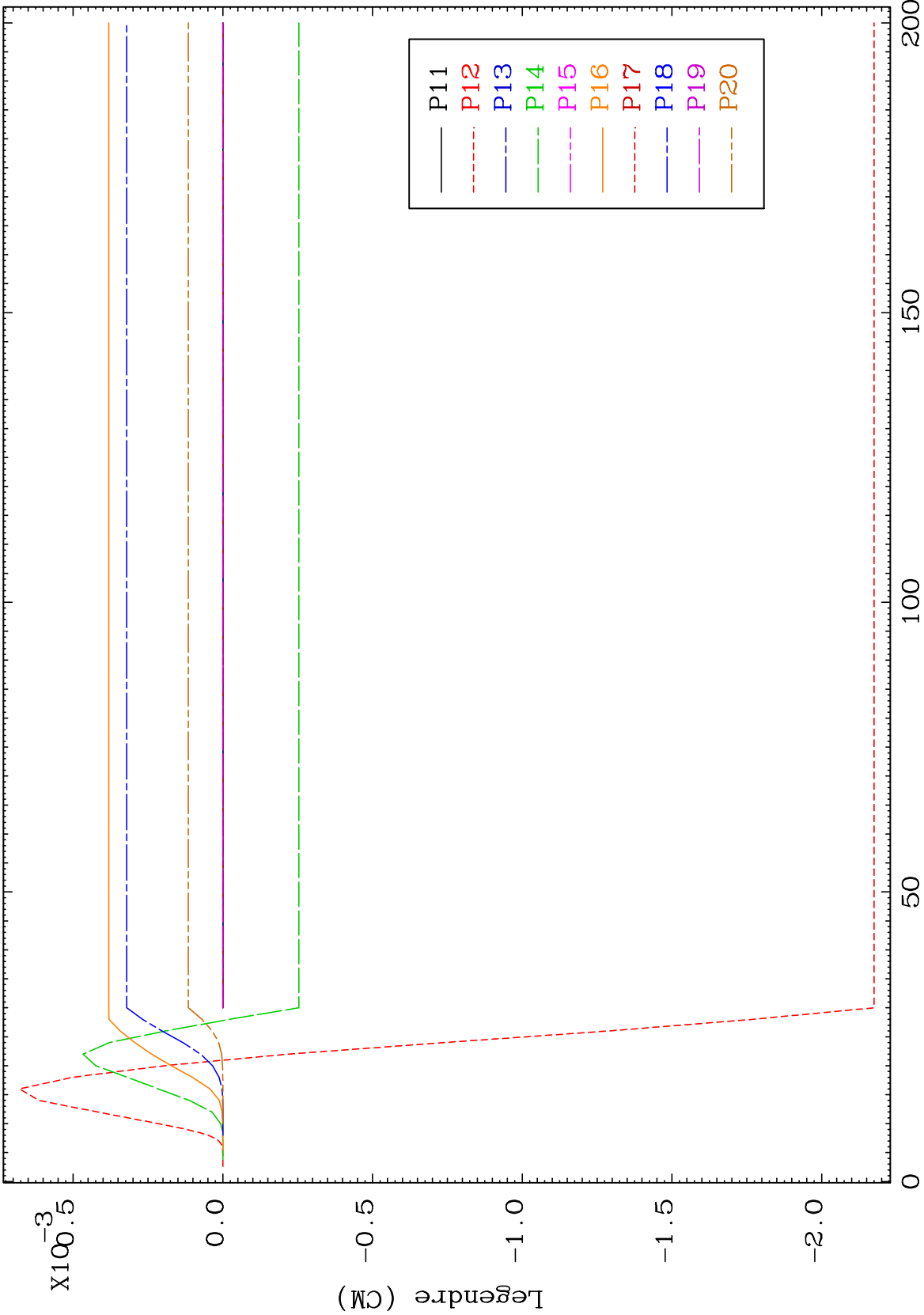
Incident Energy (MeV)

64

MAT 7740

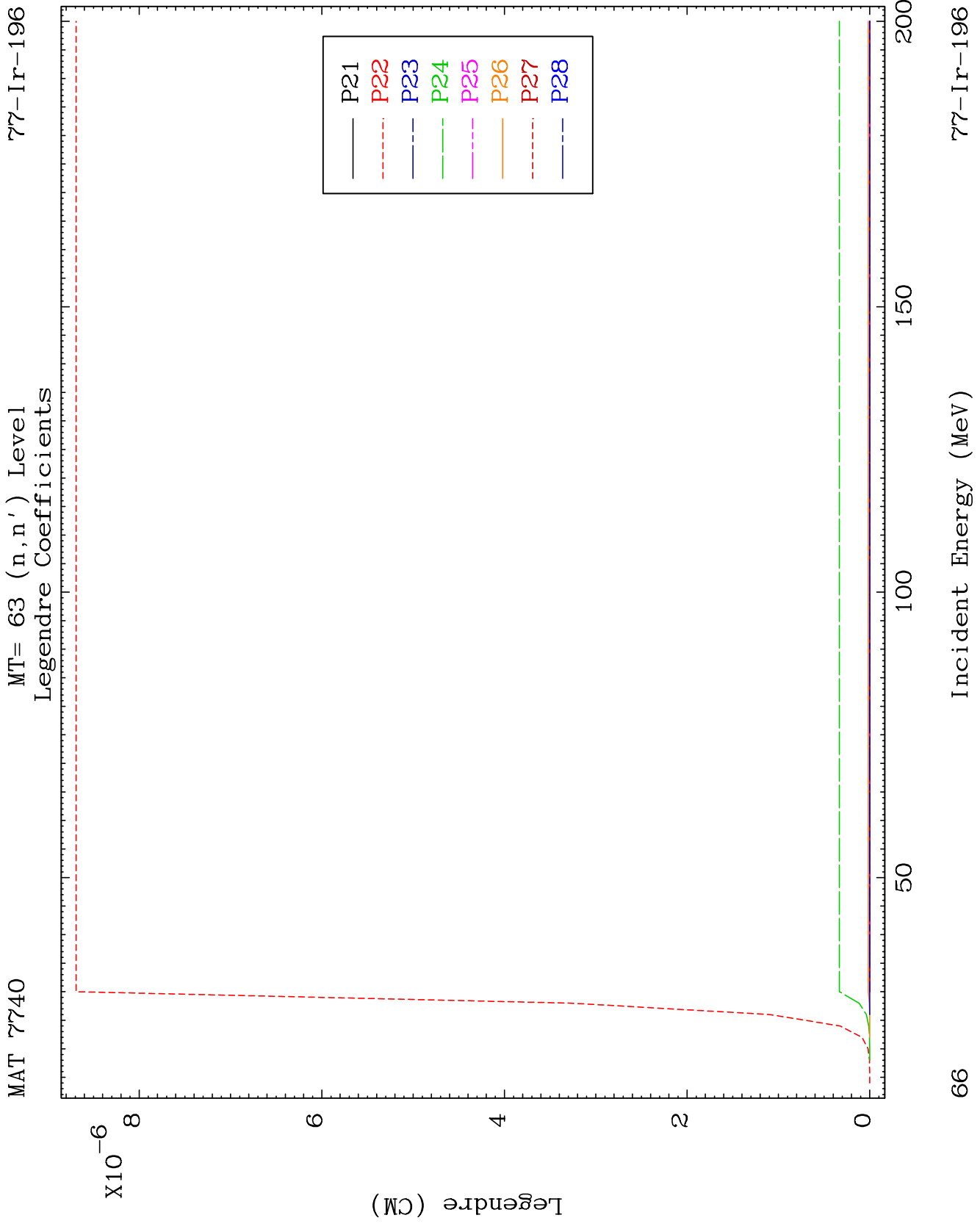
MT= 63 (n,n') Level
Legendre Coefficients

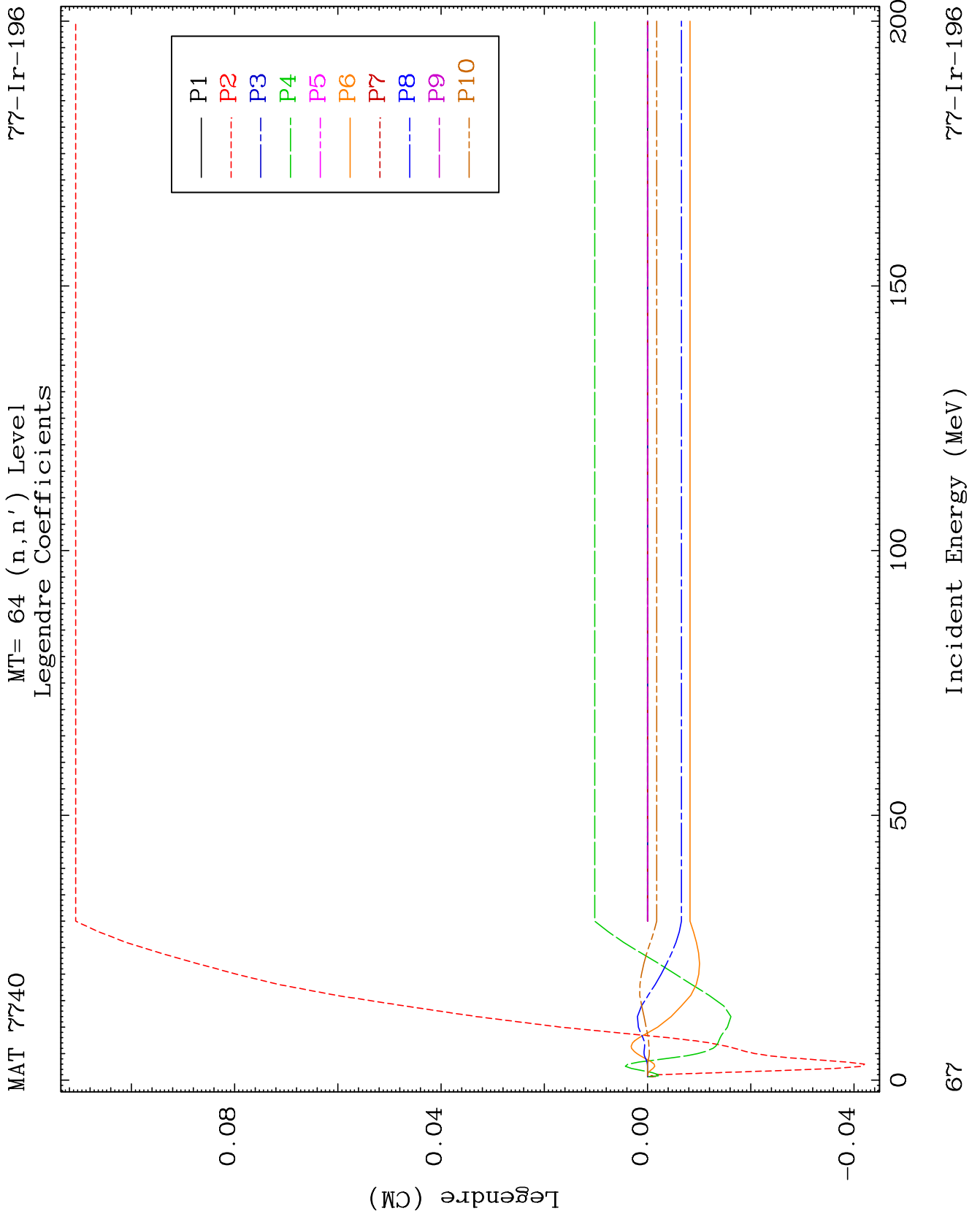
77-Ir-196



65

77-Ir-196

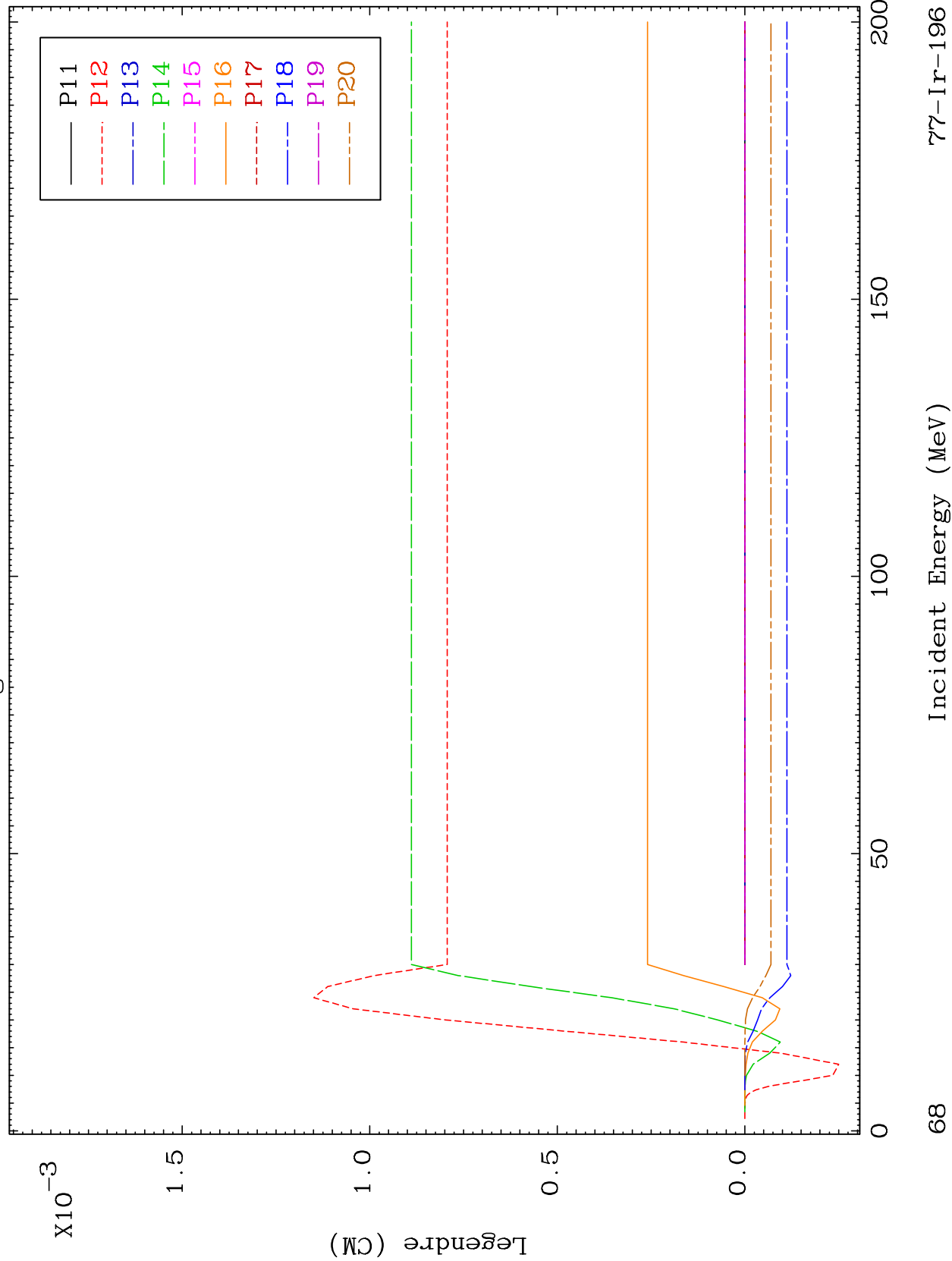




MAT 7740

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

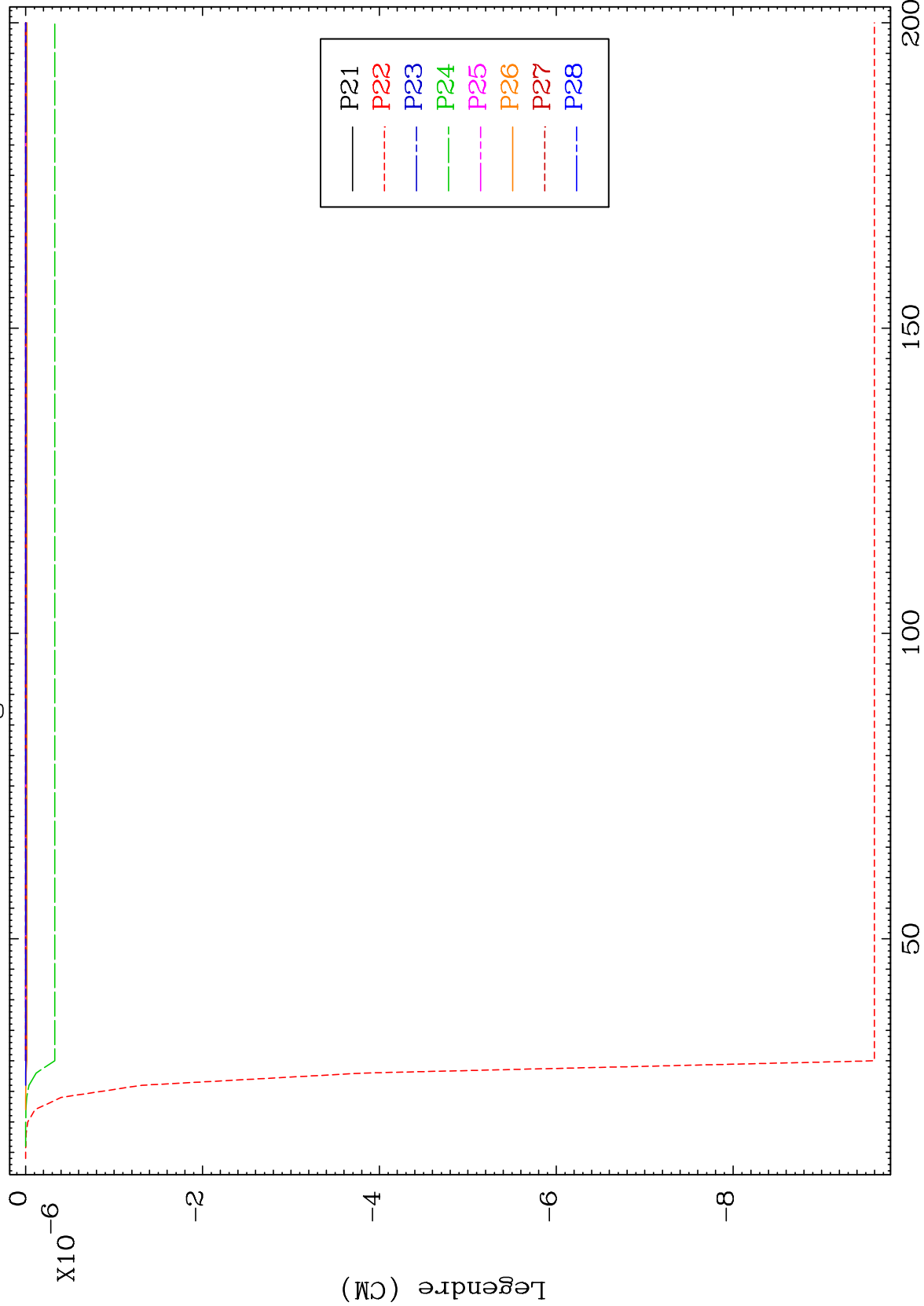
77-Ir-196



MAT 7740

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

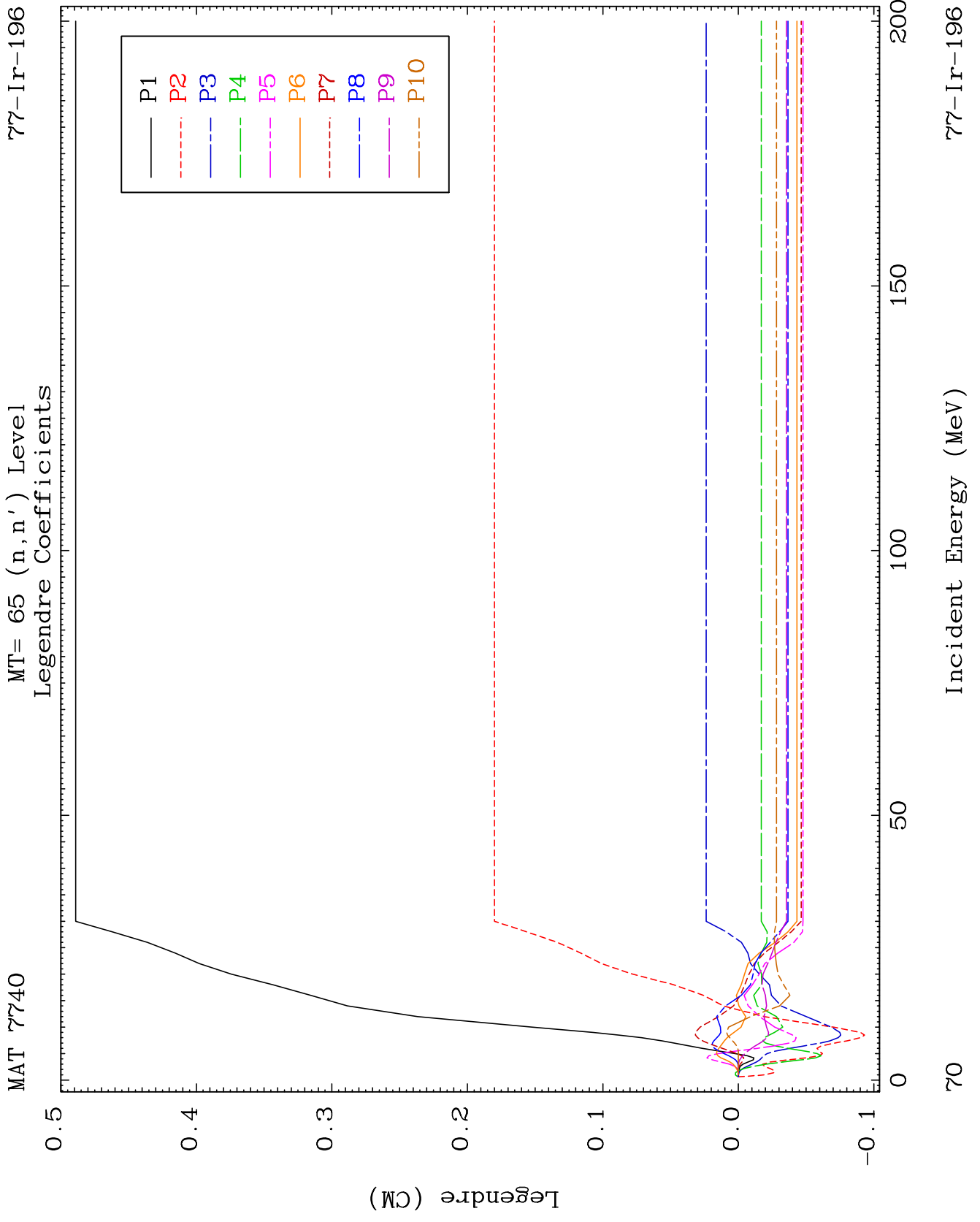
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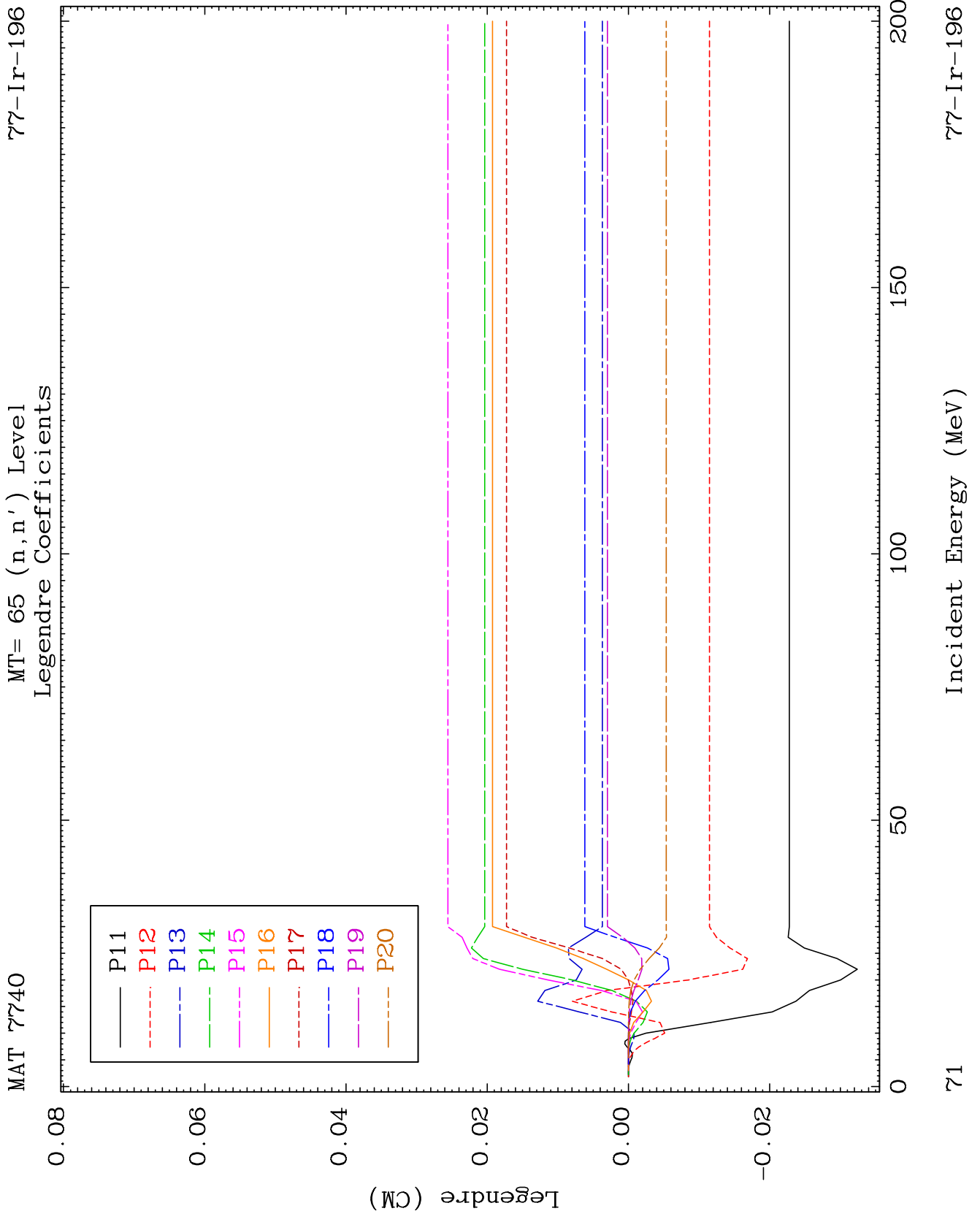


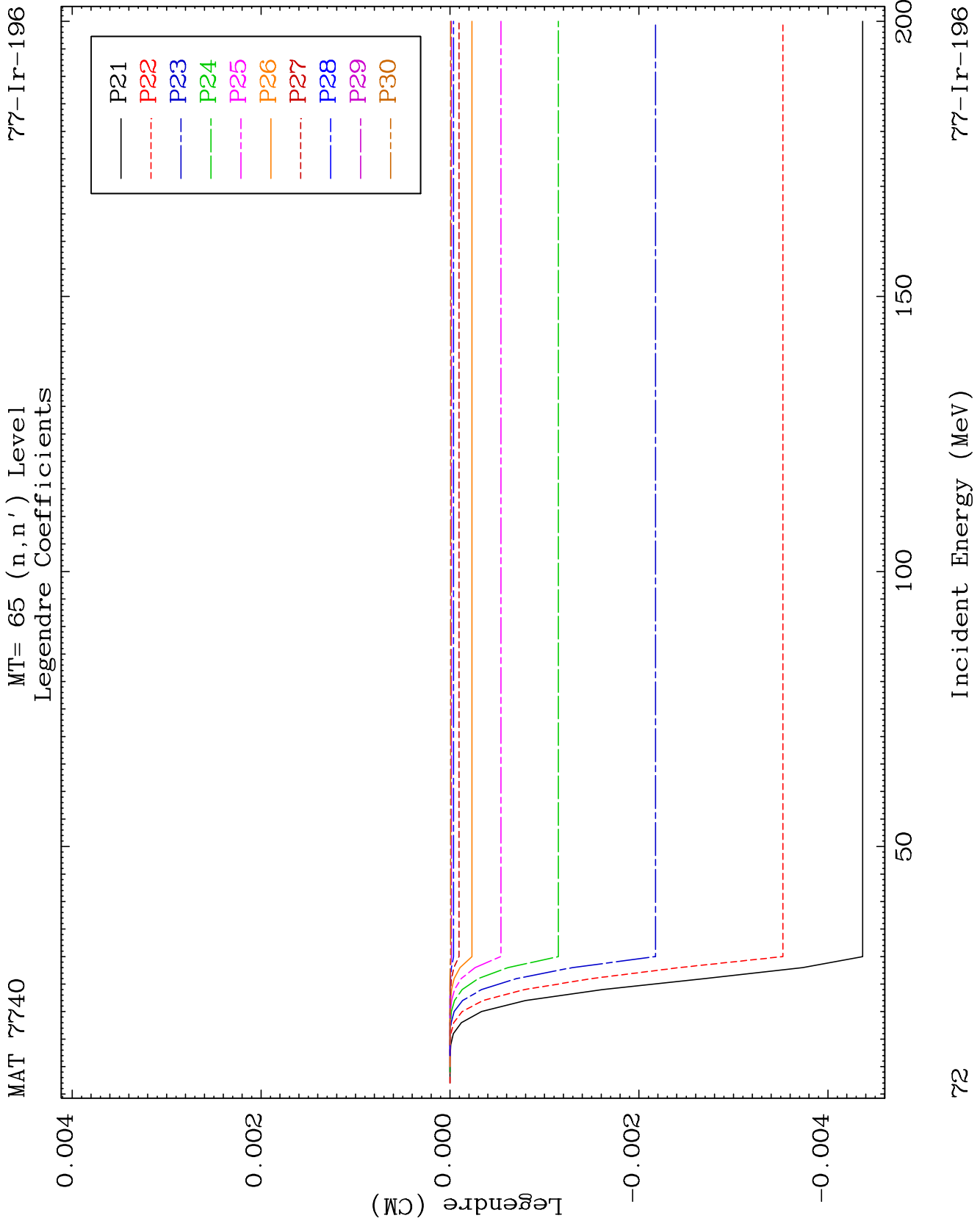
69

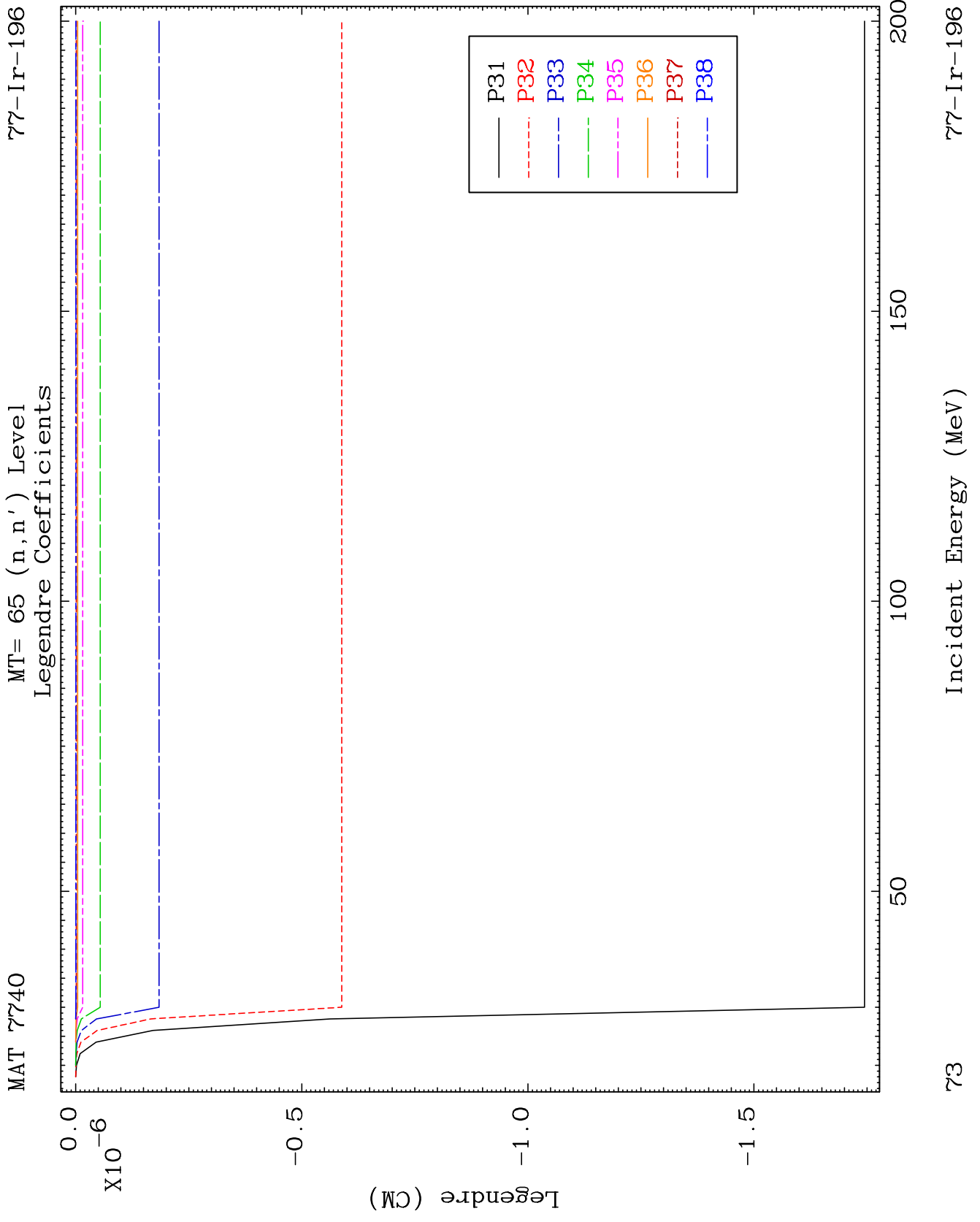
Incident Energy (MeV)

77-Ir-196





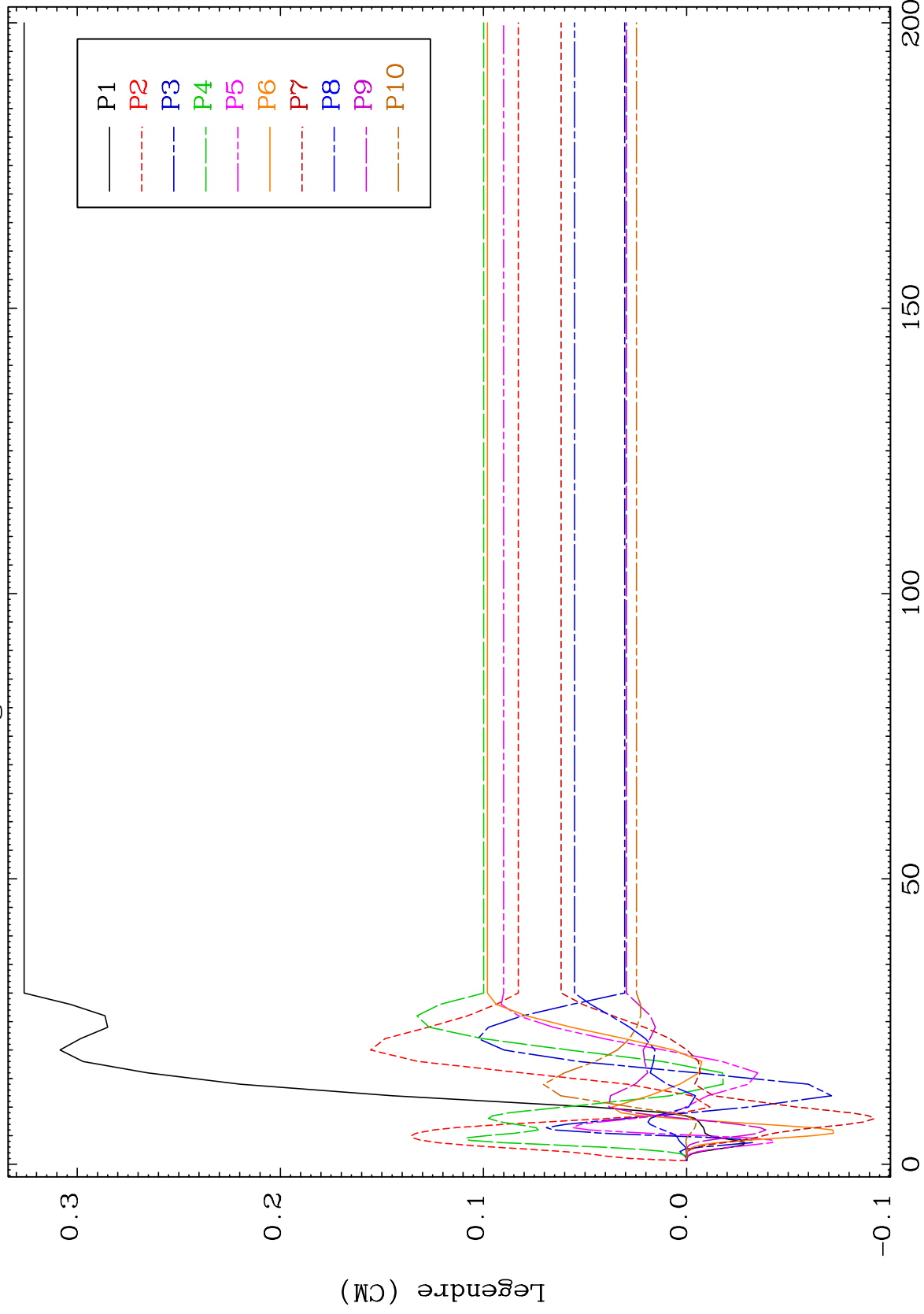




MAT 7740

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

77-Ir-196



74

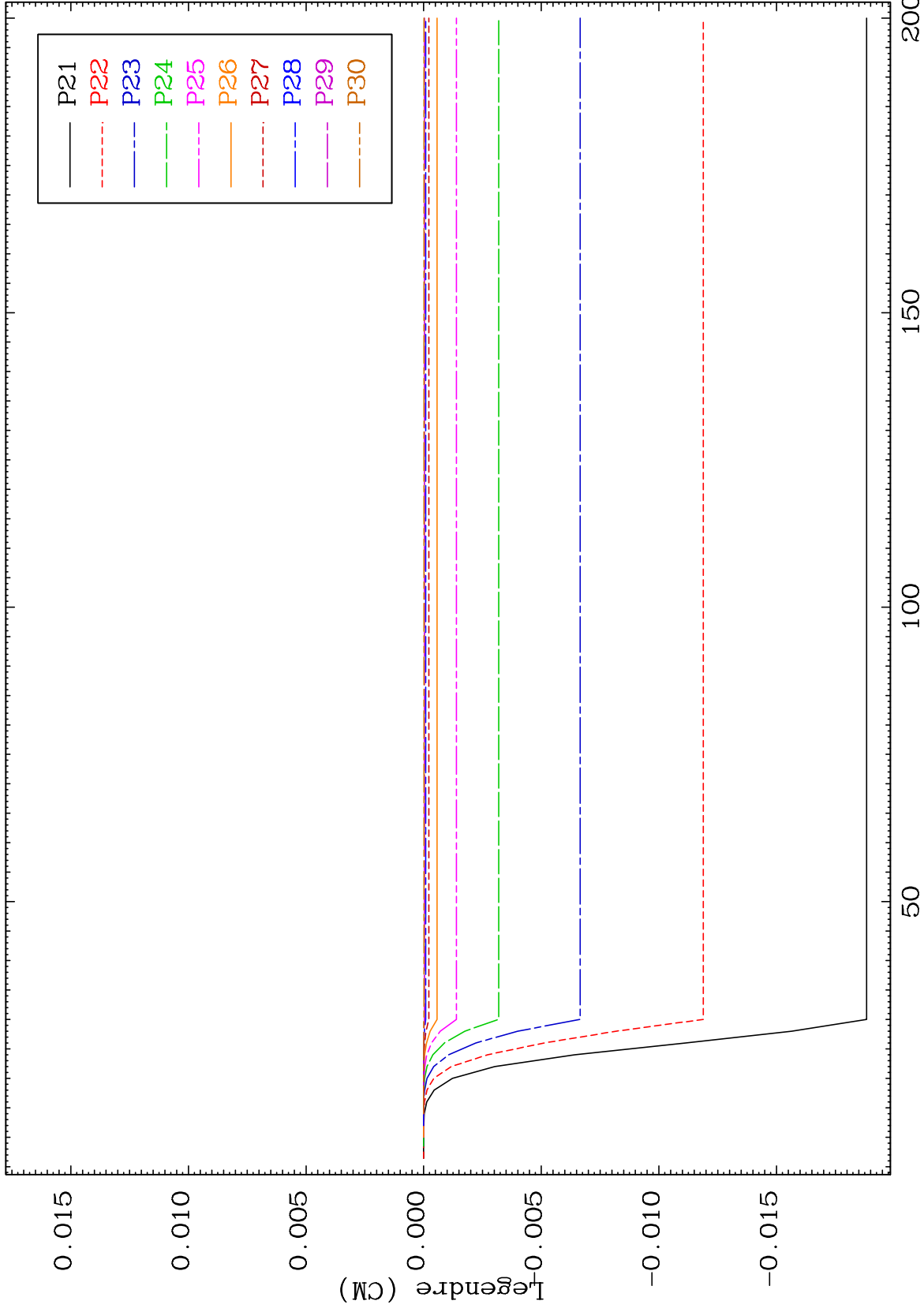
Incident Energy (MeV)

77-Ir-196

MAT 7740

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

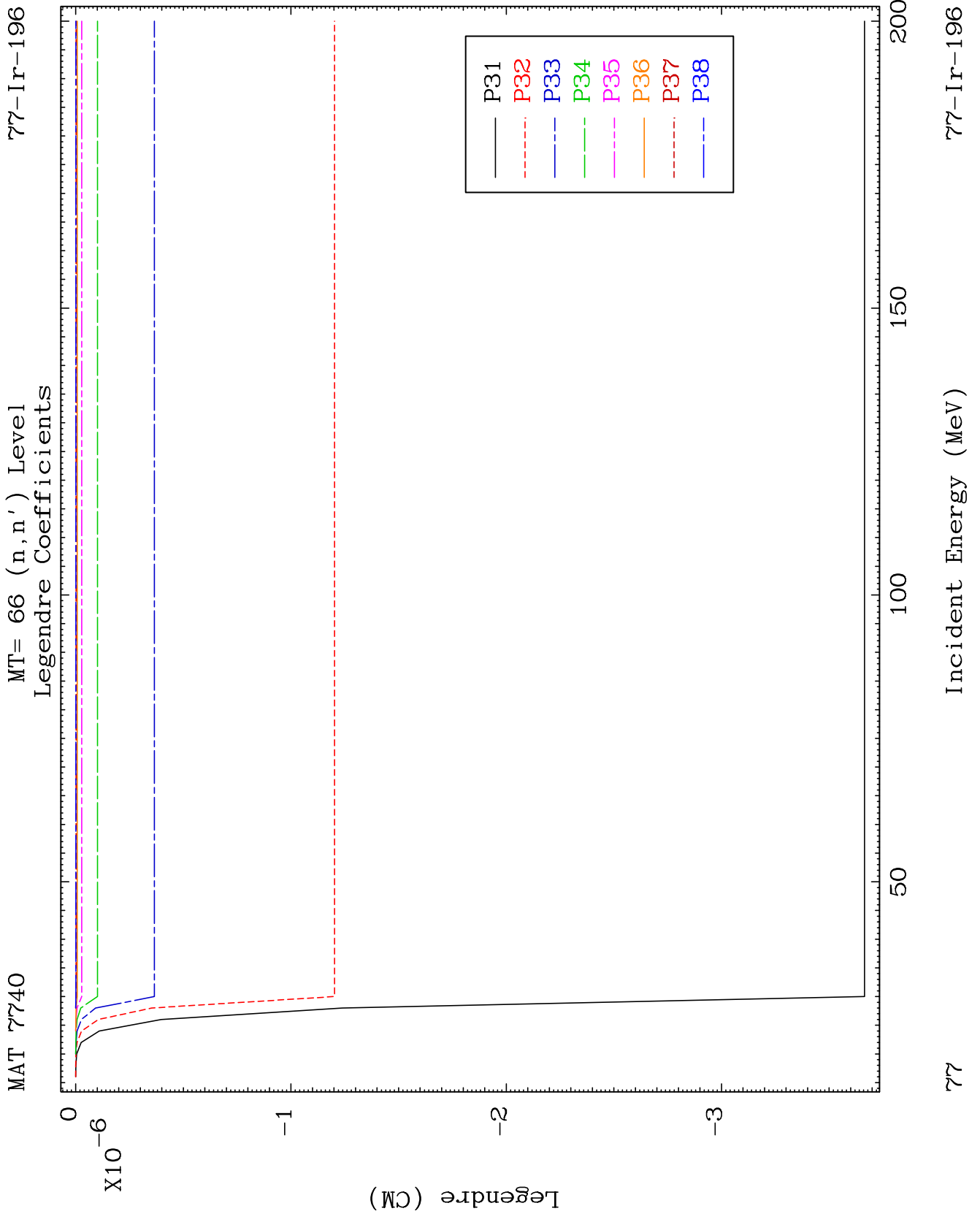
77-Ir-196



76

Incident Energy (MeV)

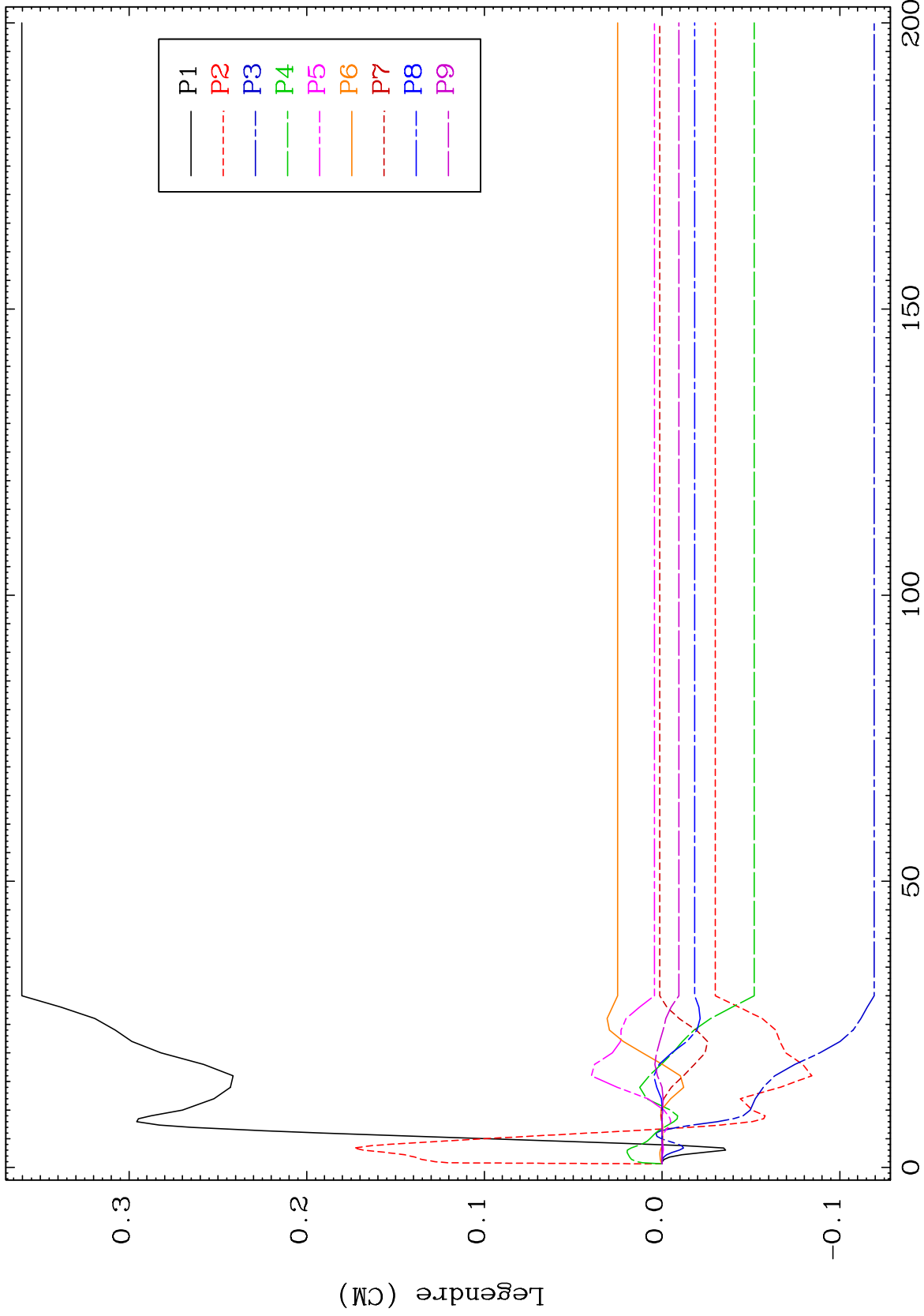
77-Ir-196



MAT 7740

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

77-Ir-196



78

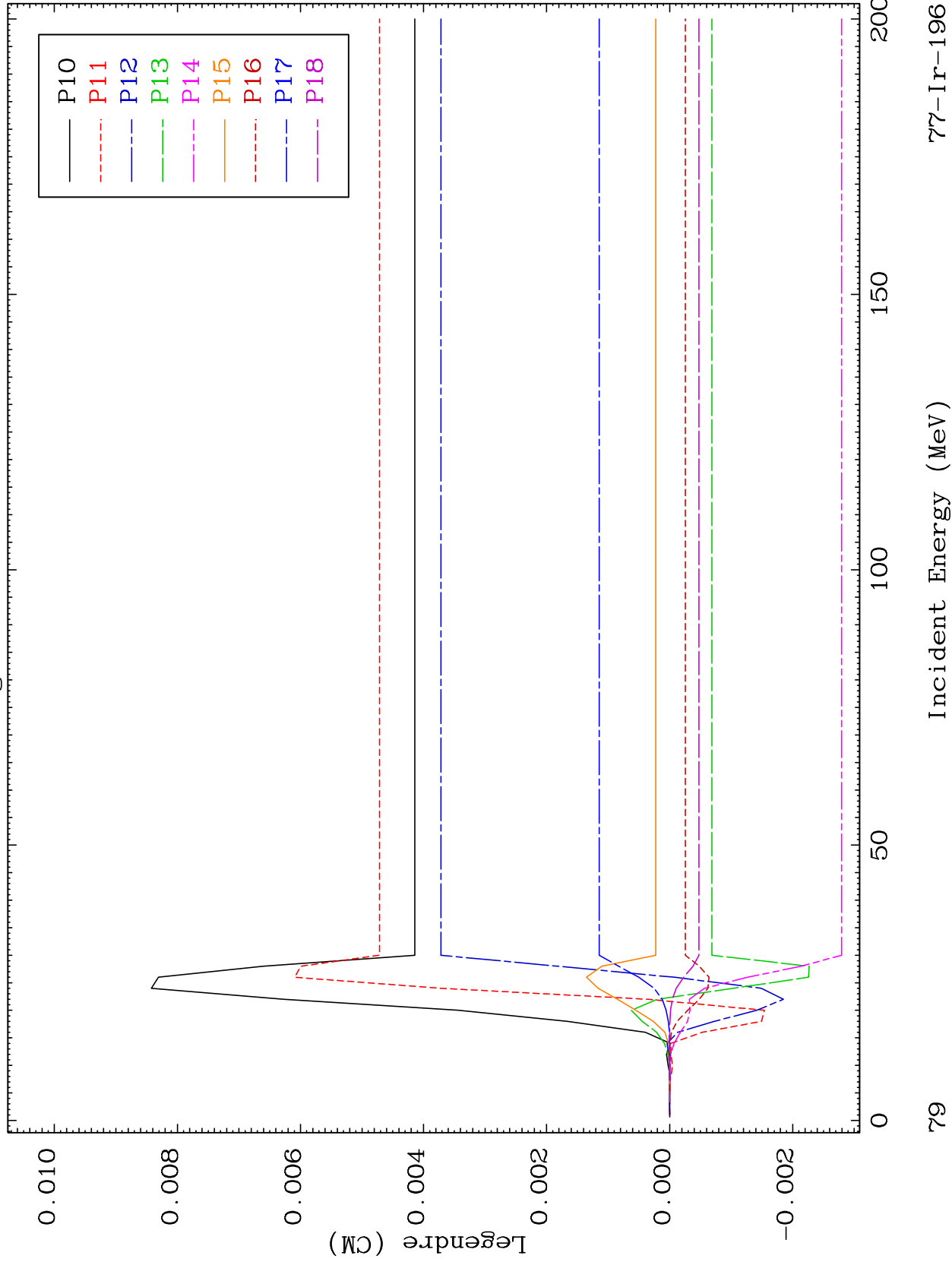
Incident Energy (MeV)

77-Ir-196

MAT 7740

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

77-Ir-196



77-Ir-196

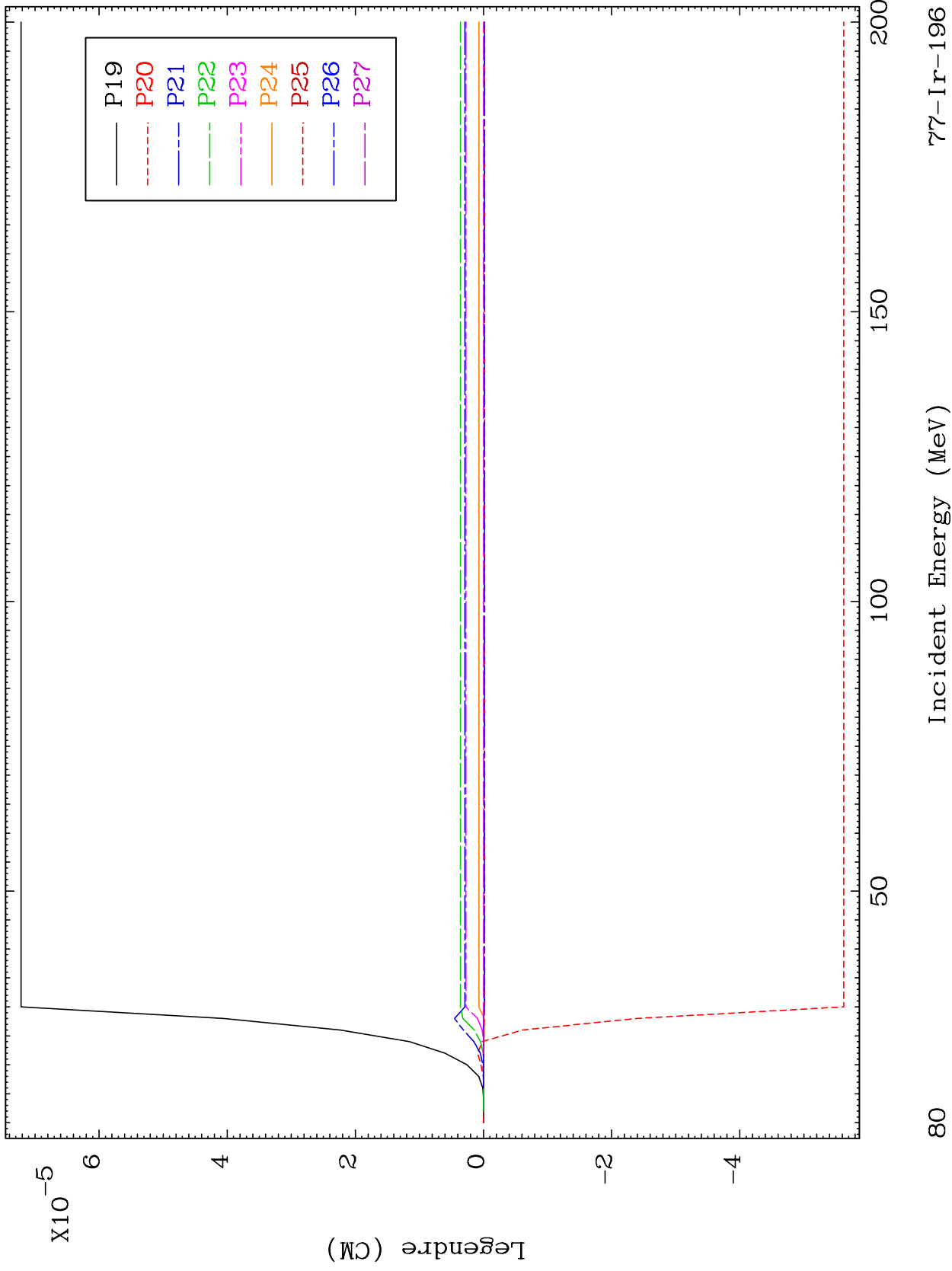
Incident Energy (MeV)

79

MAT 7740

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

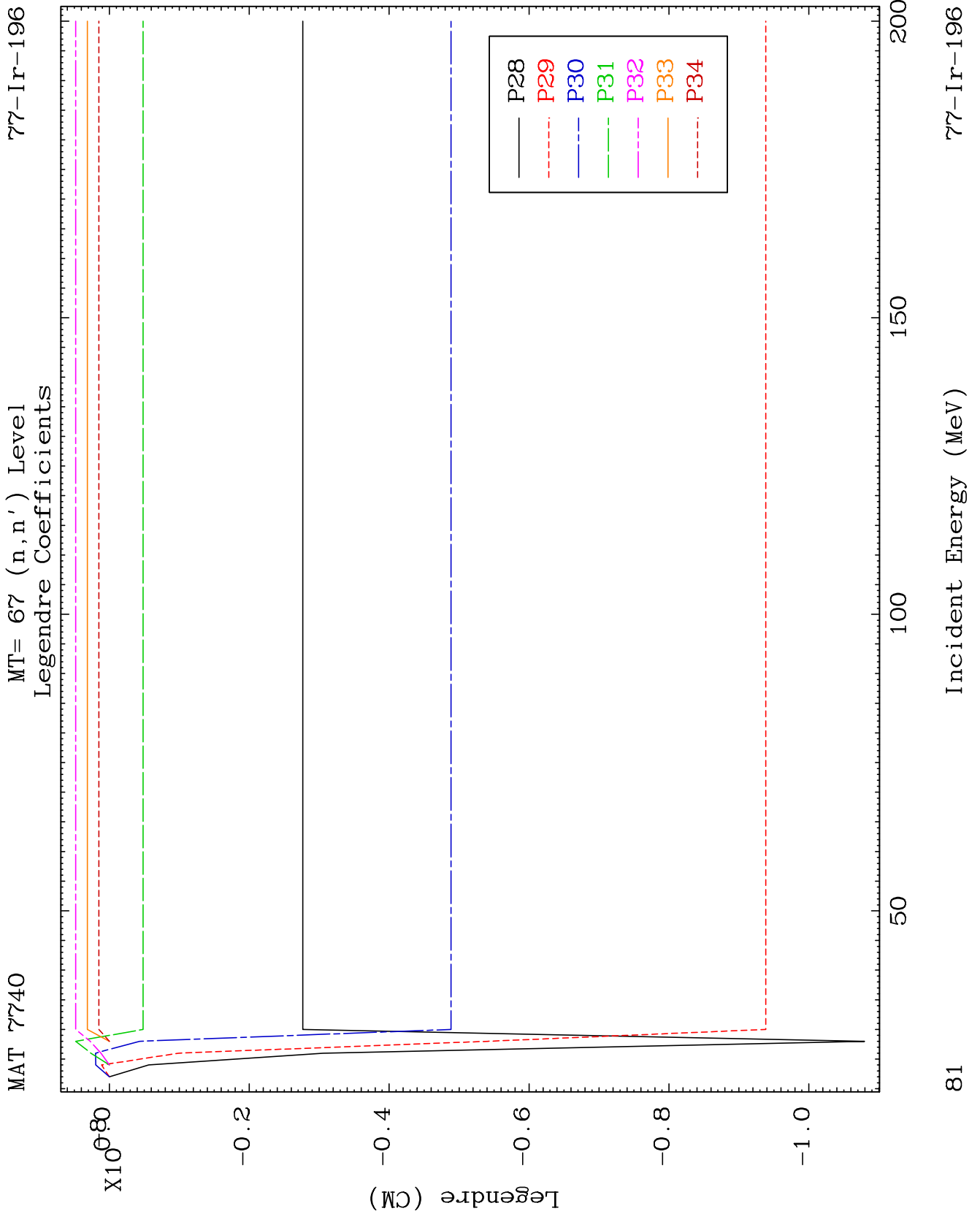
77-Ir-196



80

Incident Energy (MeV)

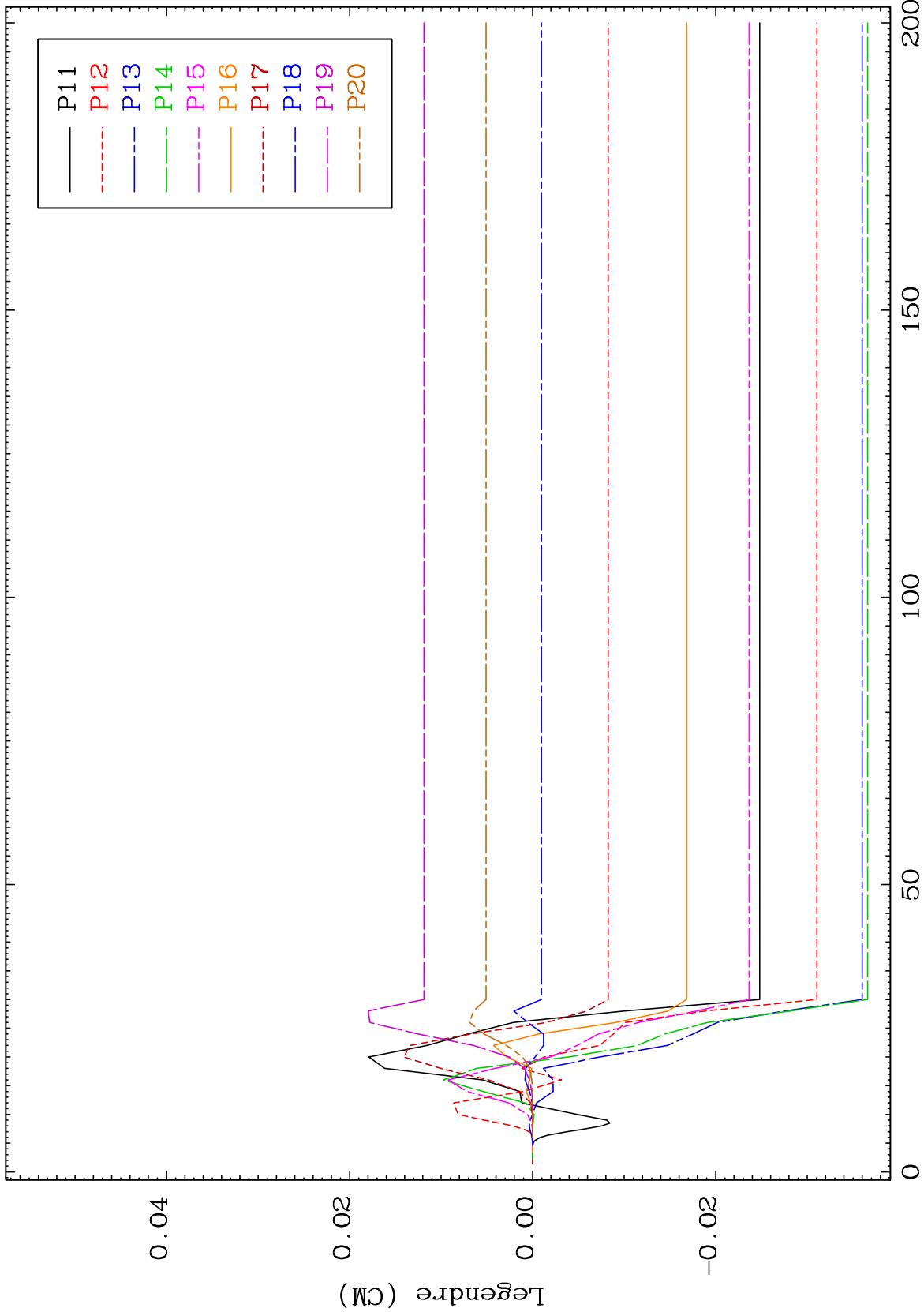
77-Ir-196



MAT 7740

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

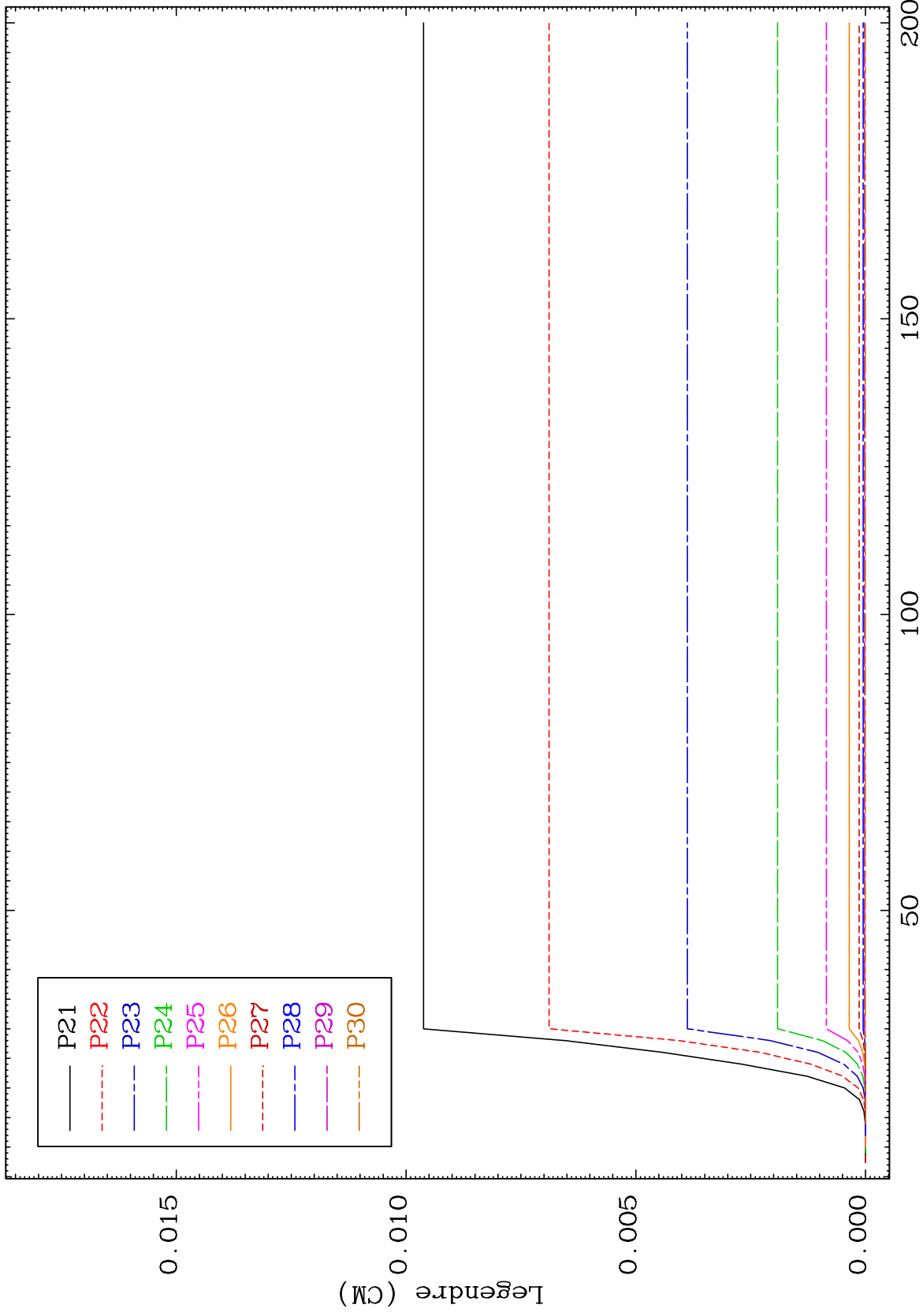
77-Ir-196



83

Incident Energy (MeV)

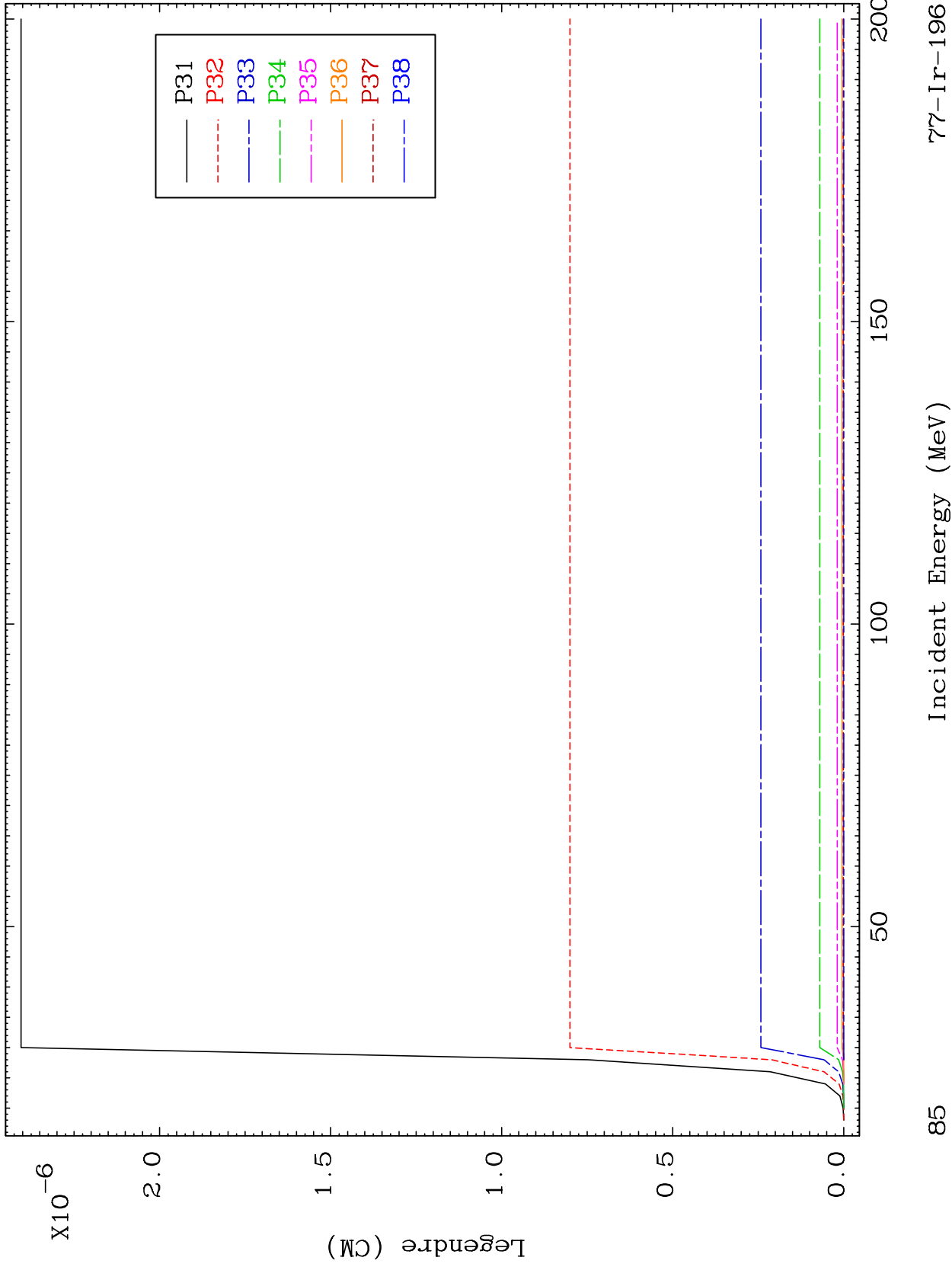
77-Ir-196



MAT 7740

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

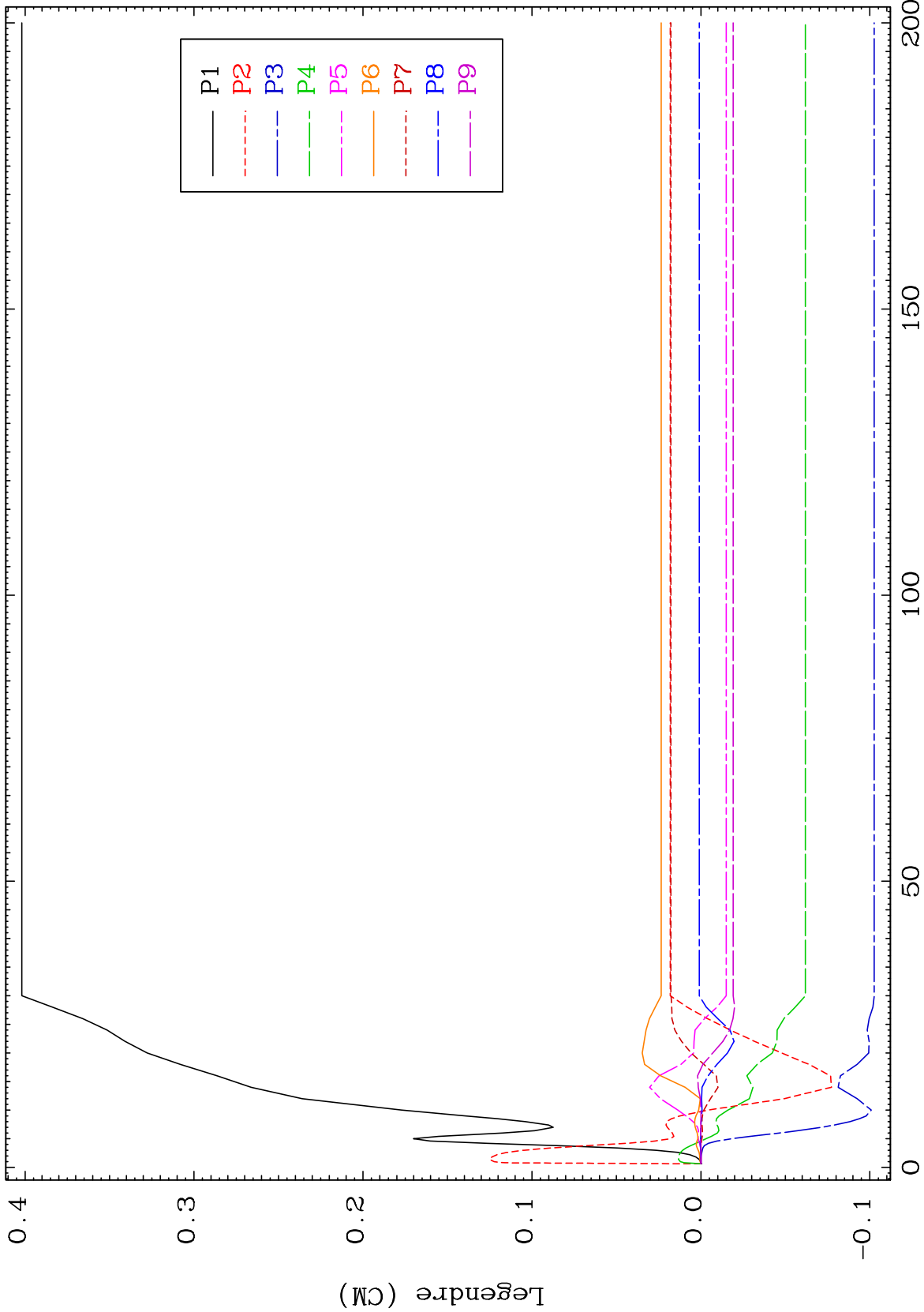
77-Ir-196



85

Incident Energy (MeV)

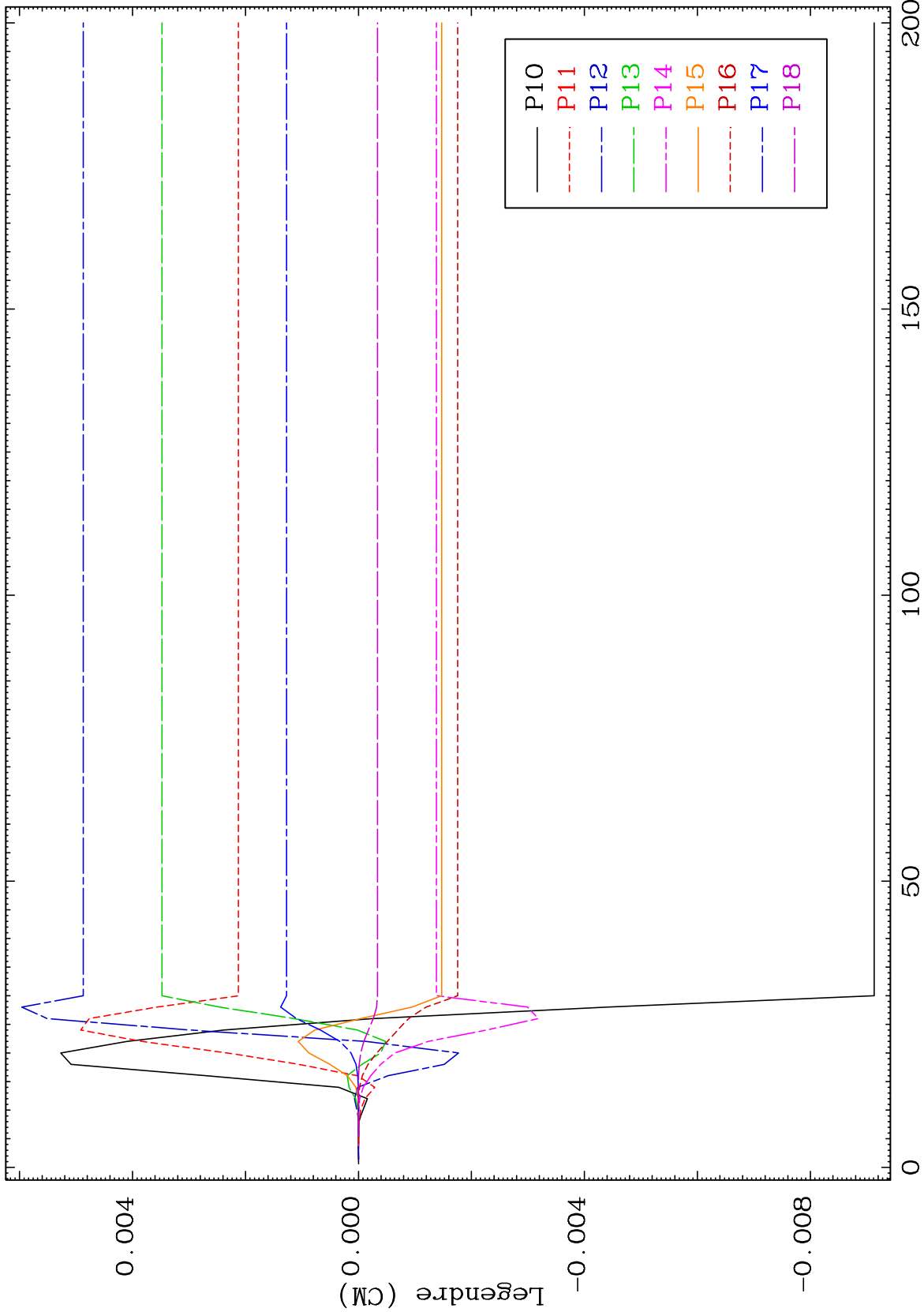
77-Ir-196



MAT 7740

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

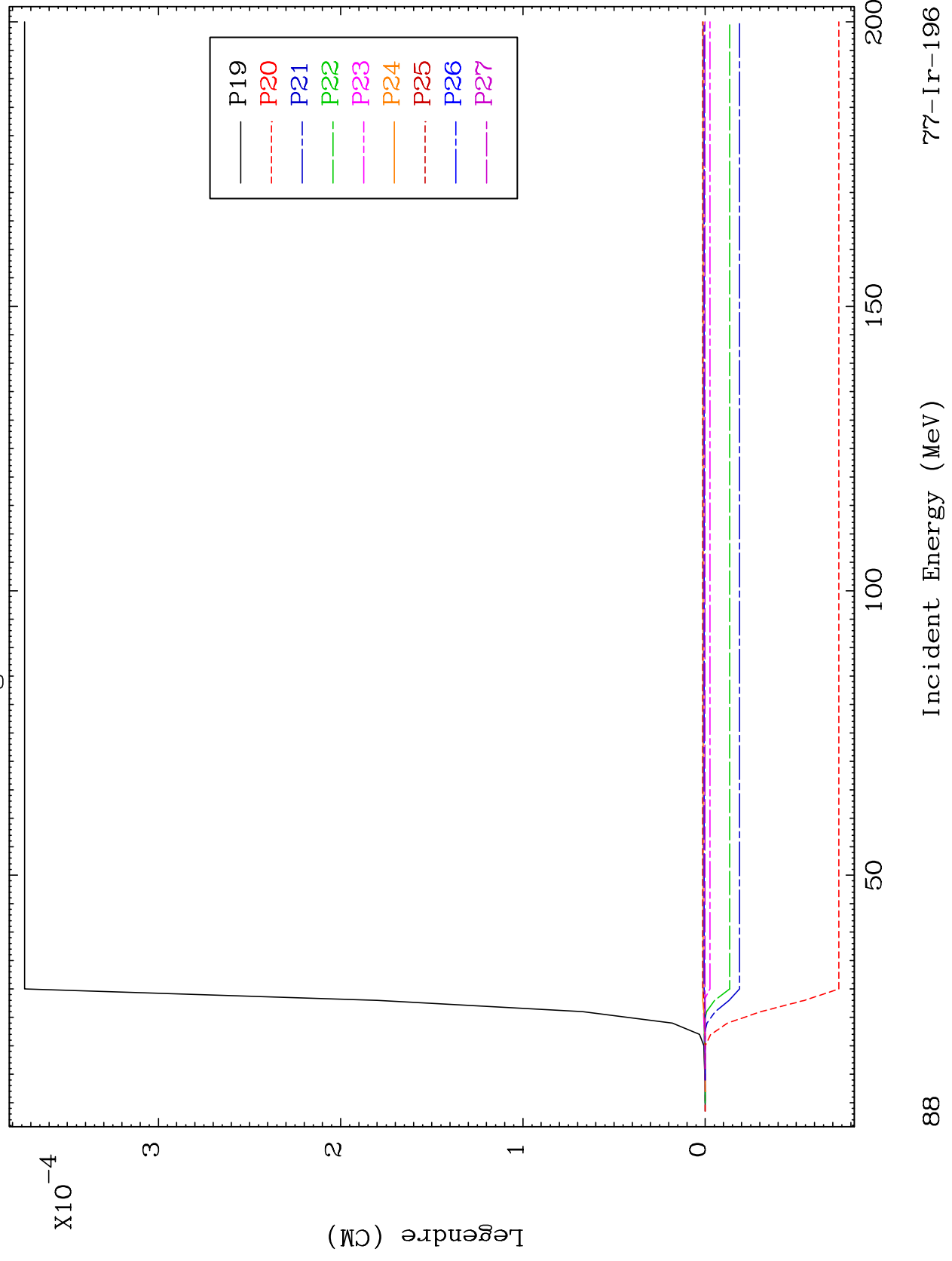
77-Ir-196

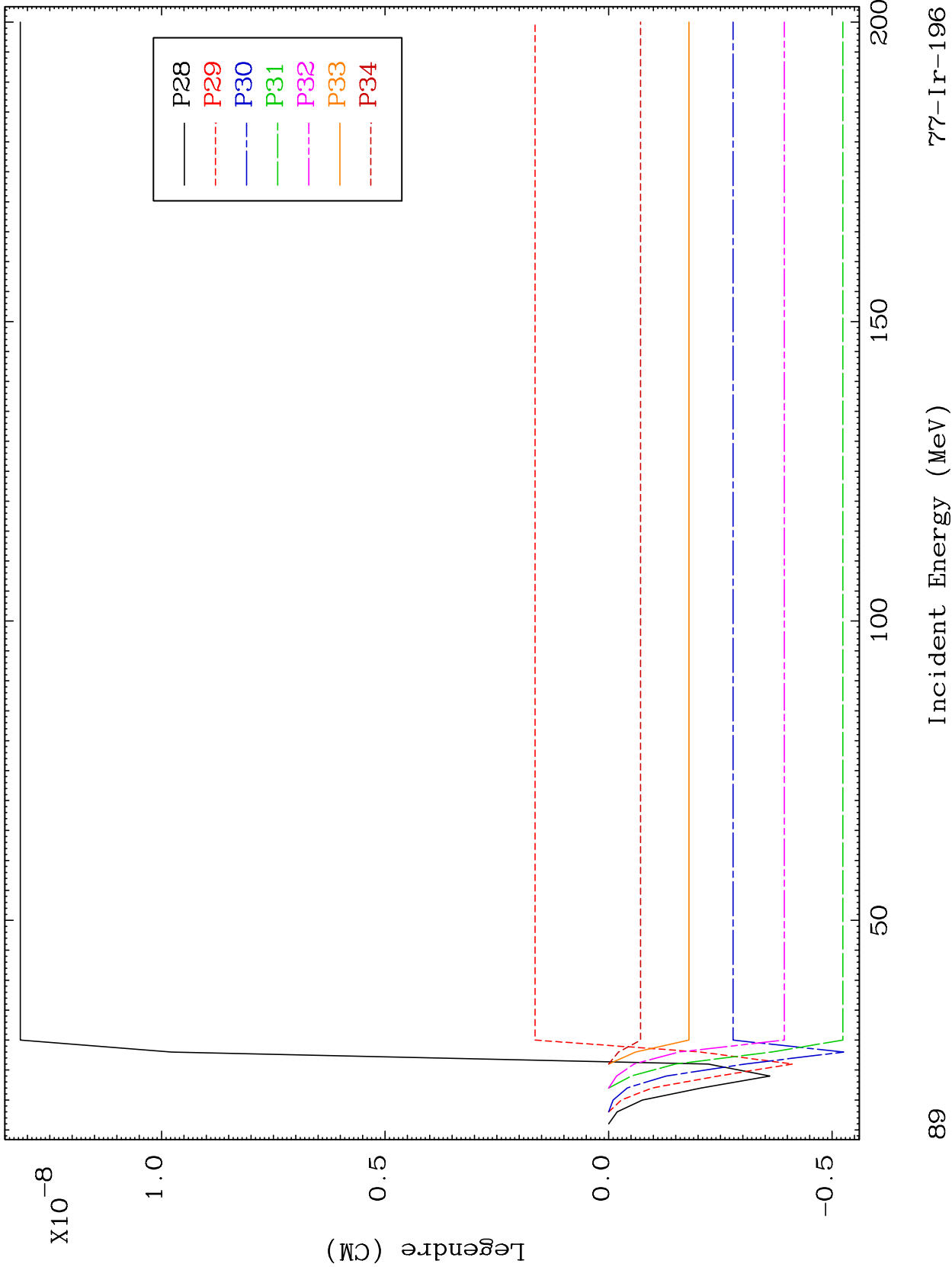


87

Incident Energy (MeV)

77-Ir-196

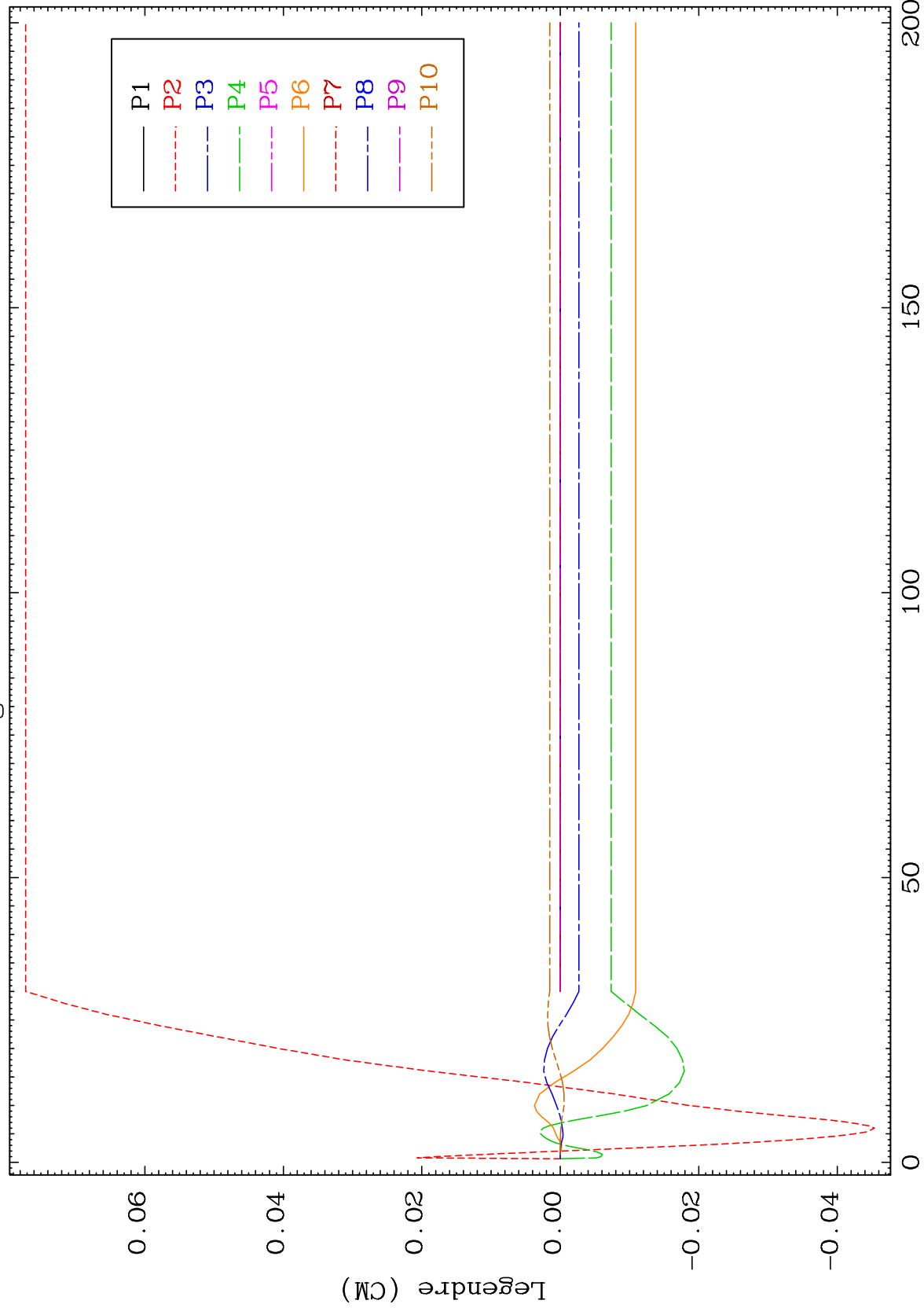




MAT 7740

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

77-Ir-196



77-Ir-196

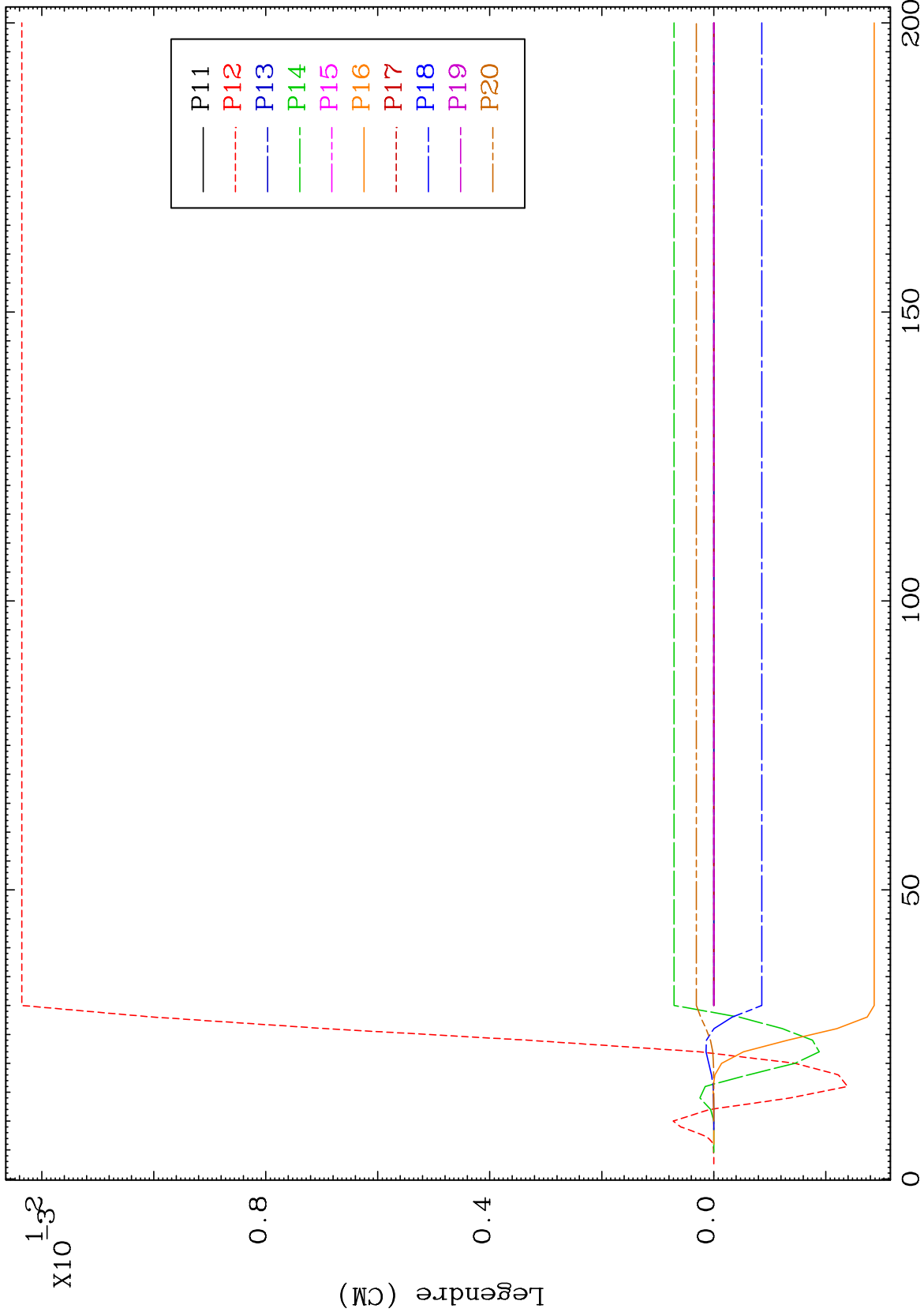
Incident Energy (MeV)

90

MAT 7740

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

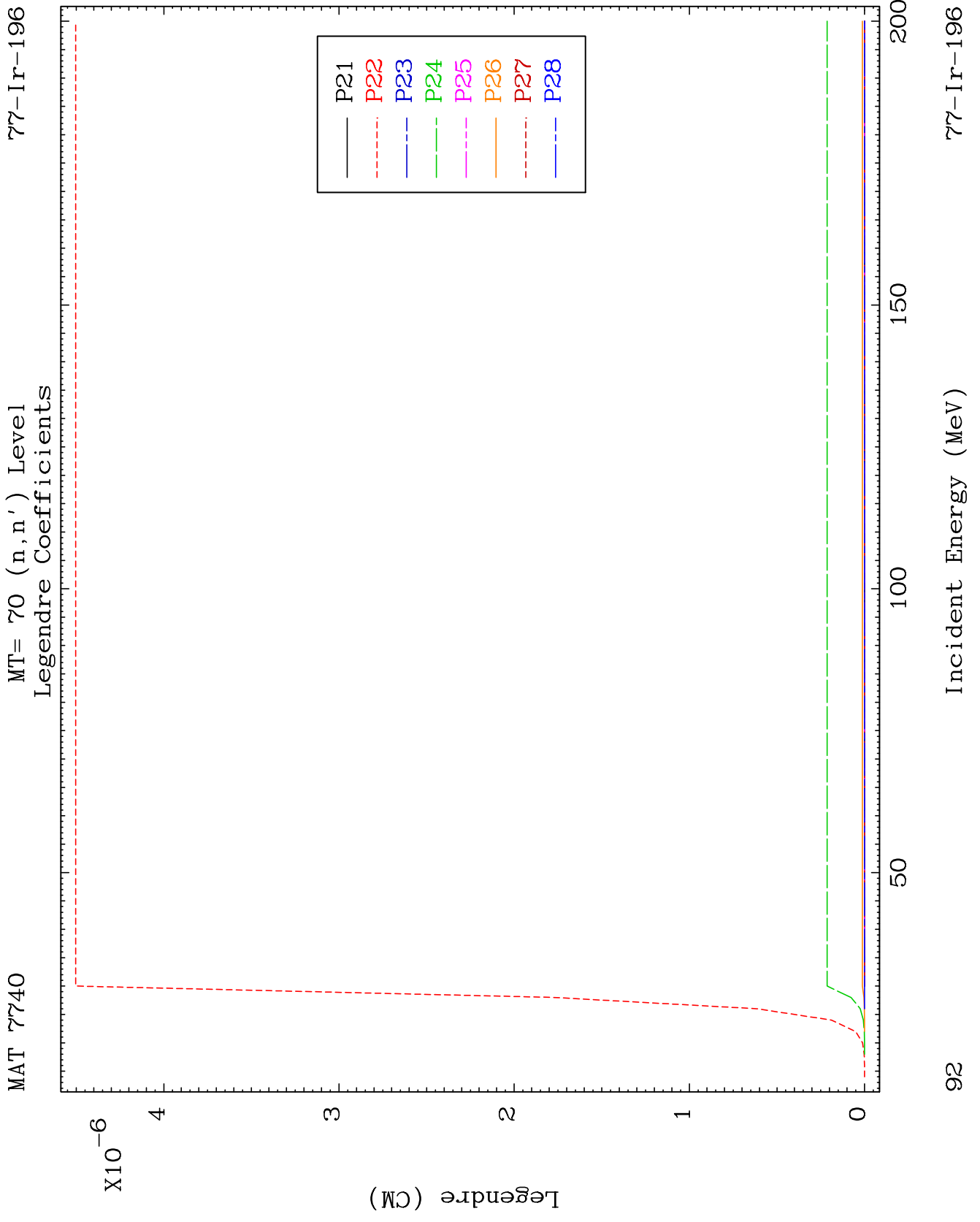
77-Ir-196

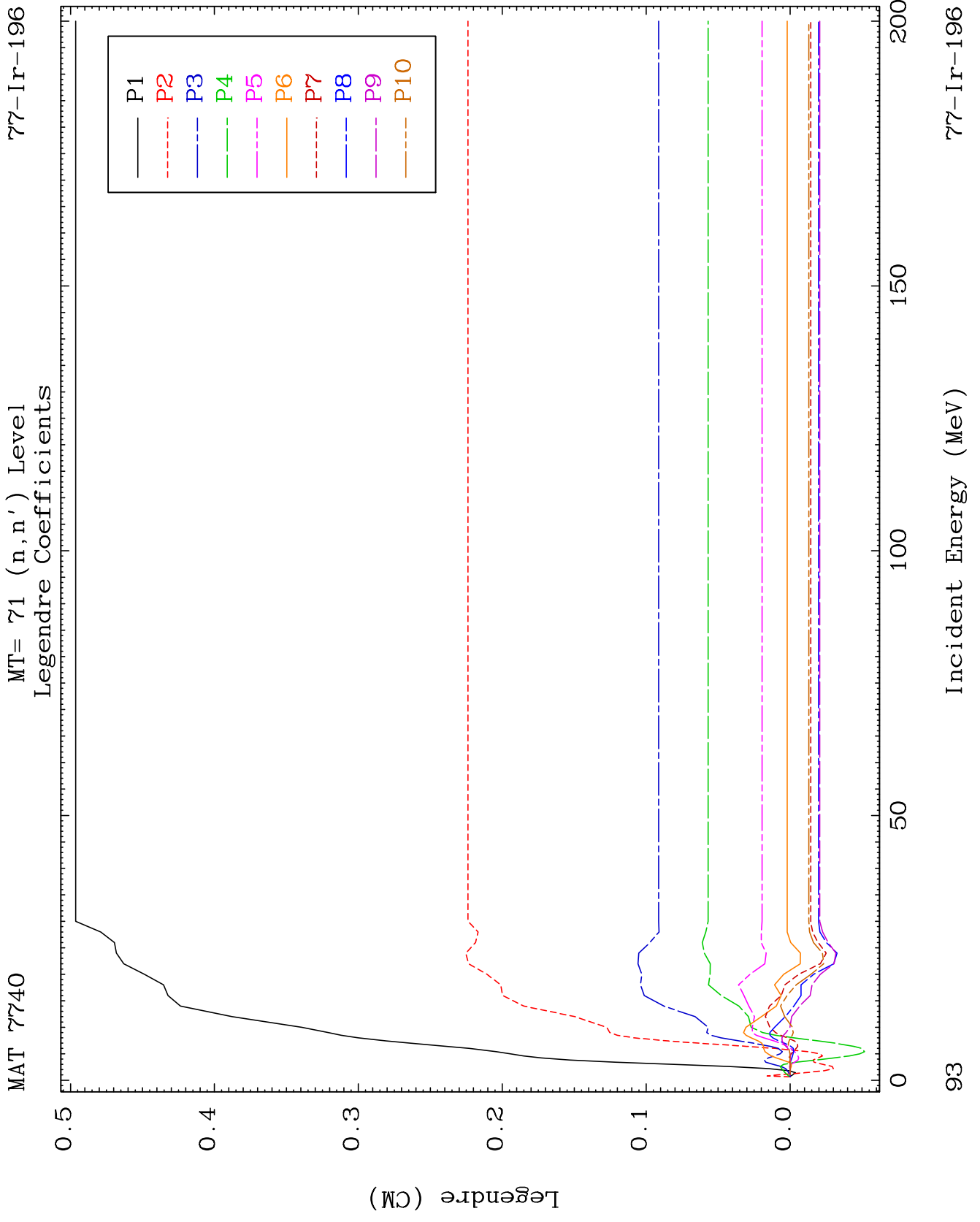


91

Incident Energy (MeV)

77-Ir-196

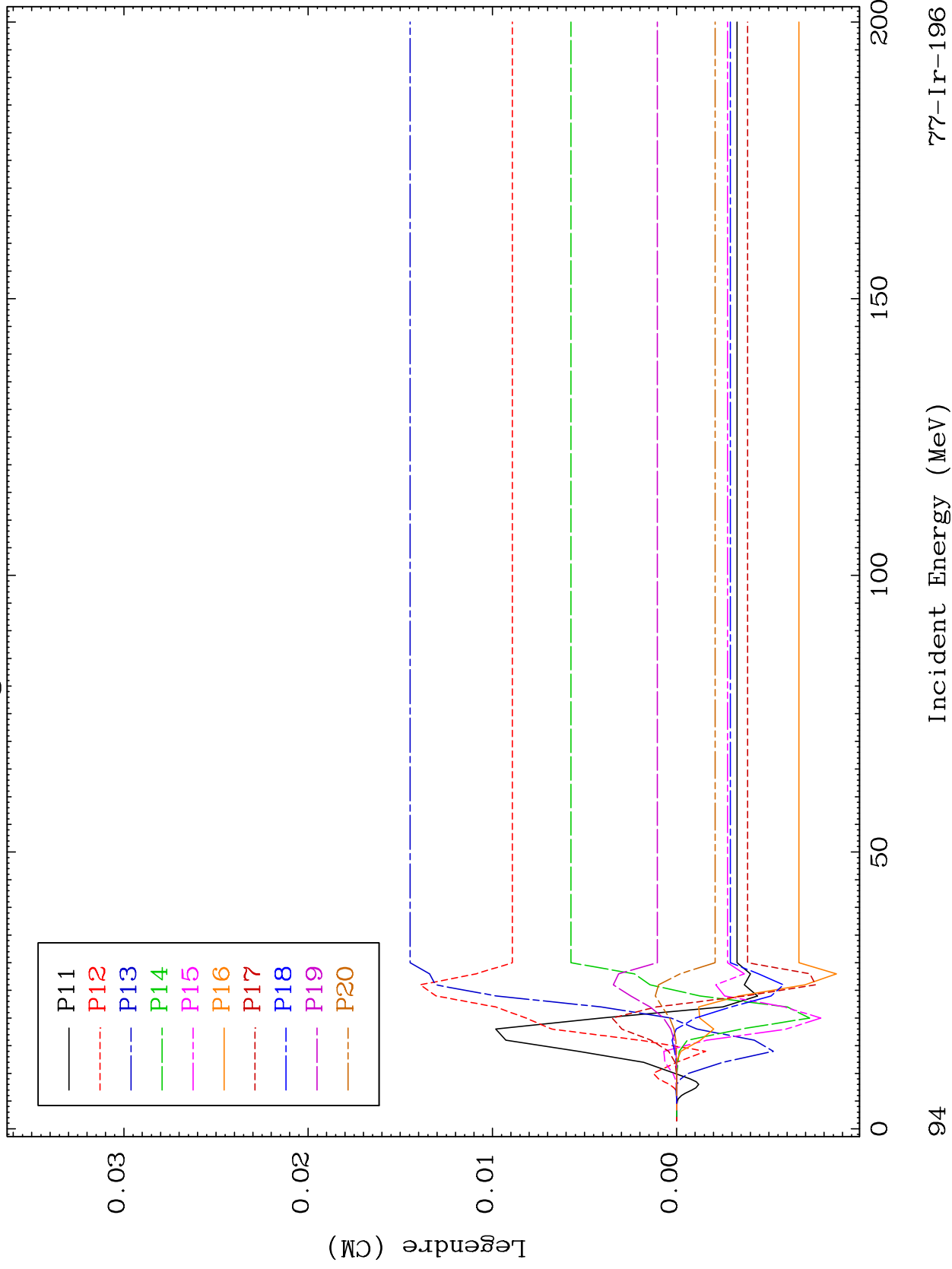




MAT 7740

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

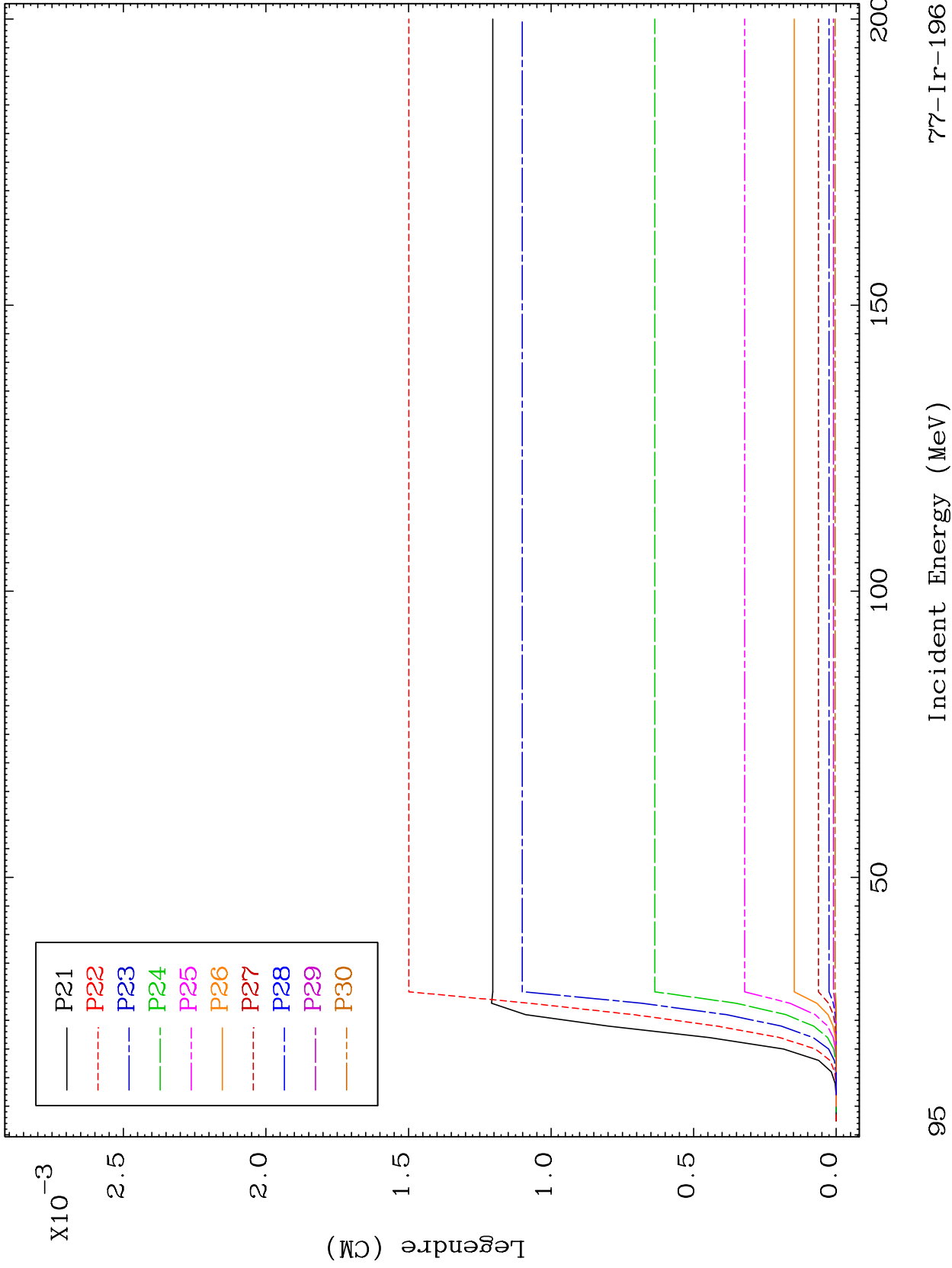
77-Ir-196

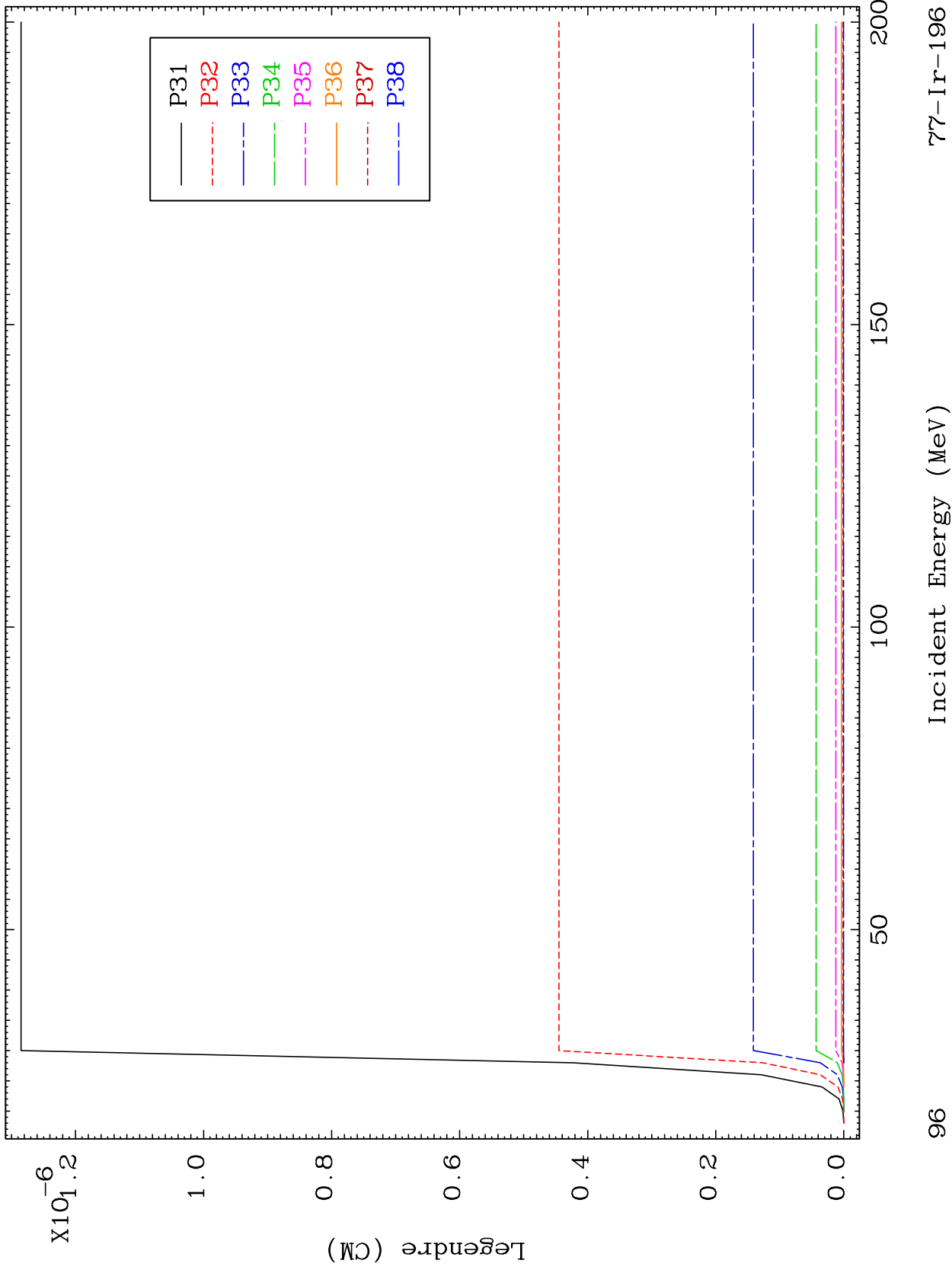


MAT 7740

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

77-Ir-196

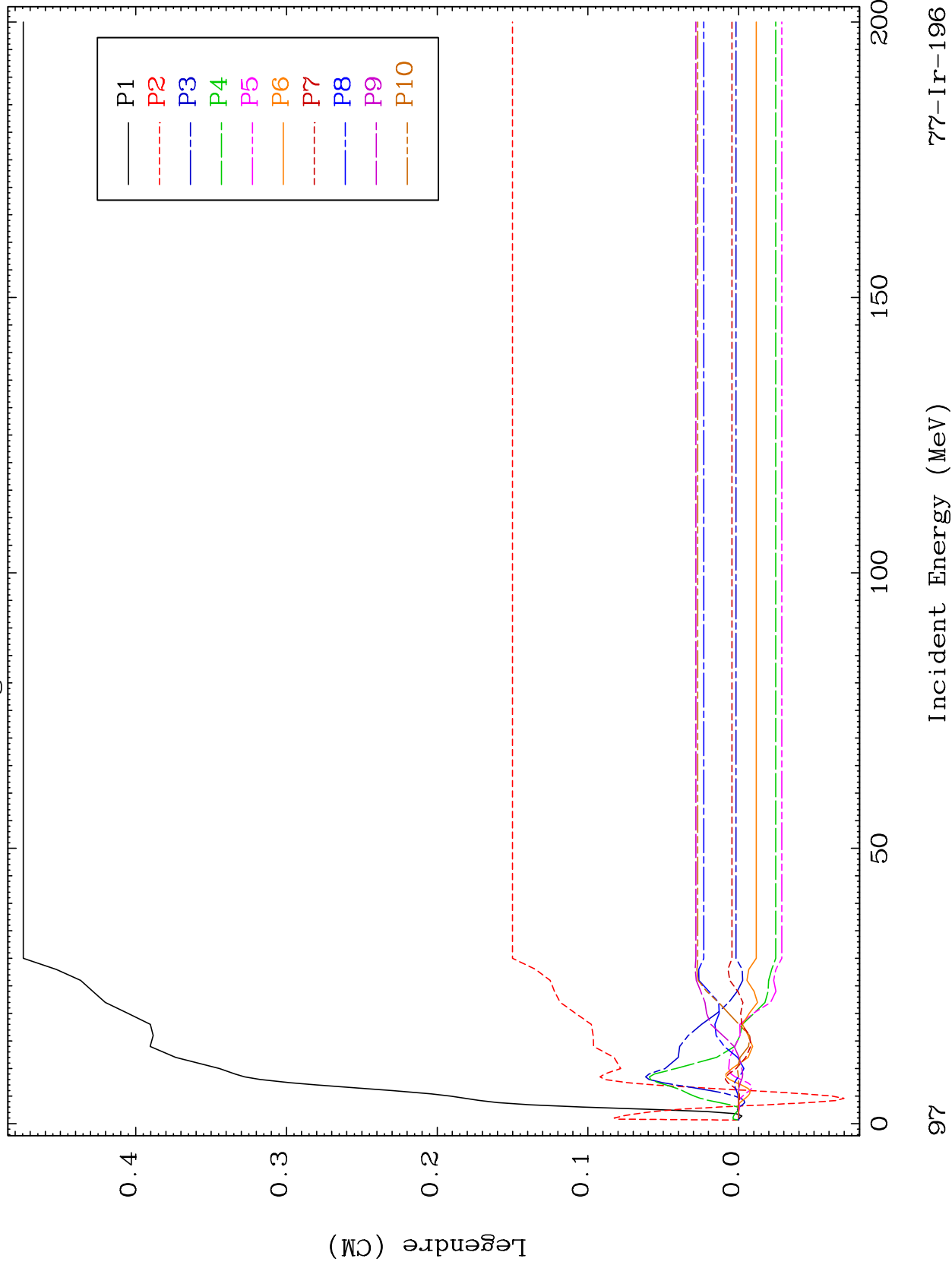




MAT 7740

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

77-Ir-196



77-Ir-196

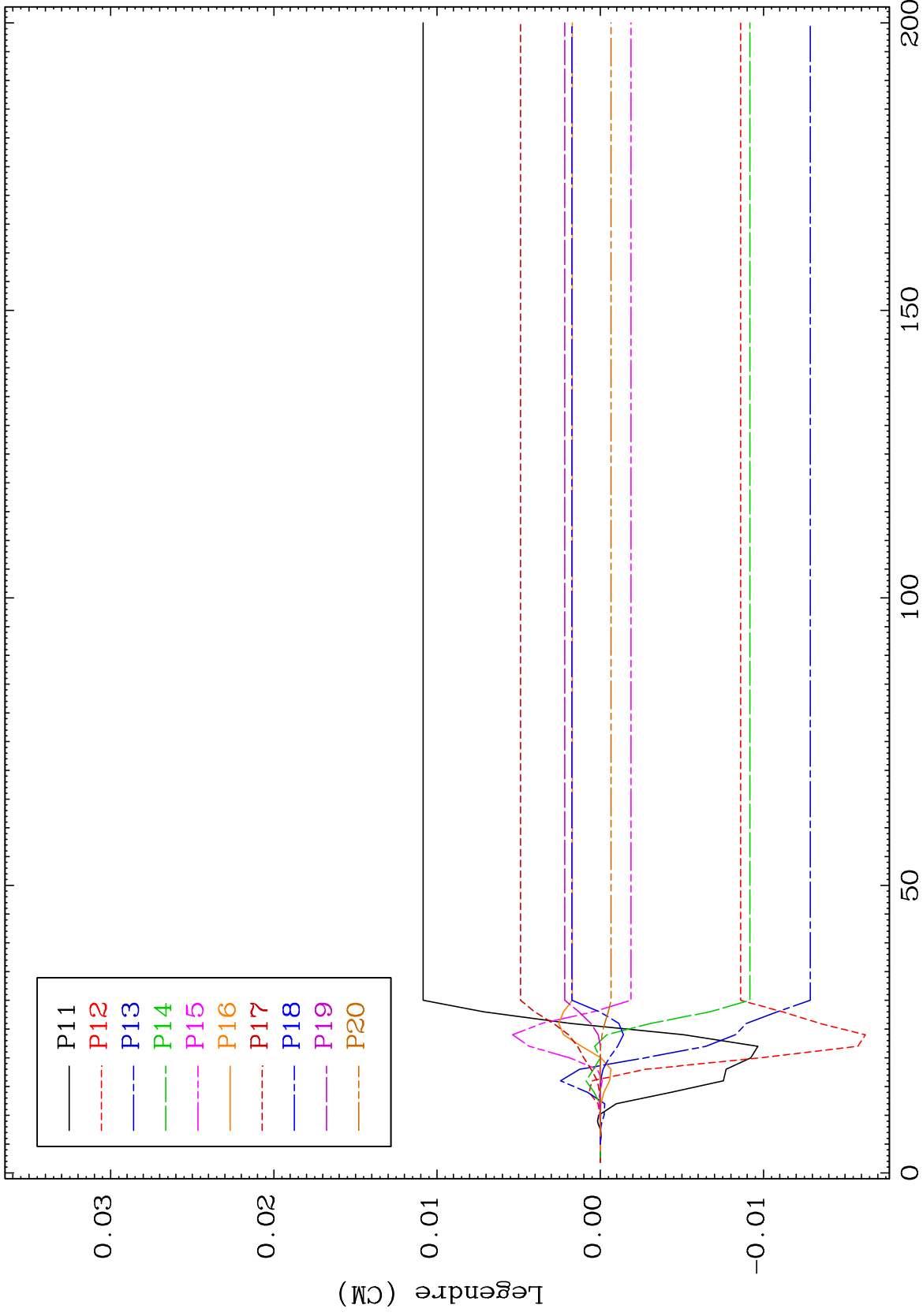
Incident Energy (MeV)

97

MAT 7740

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

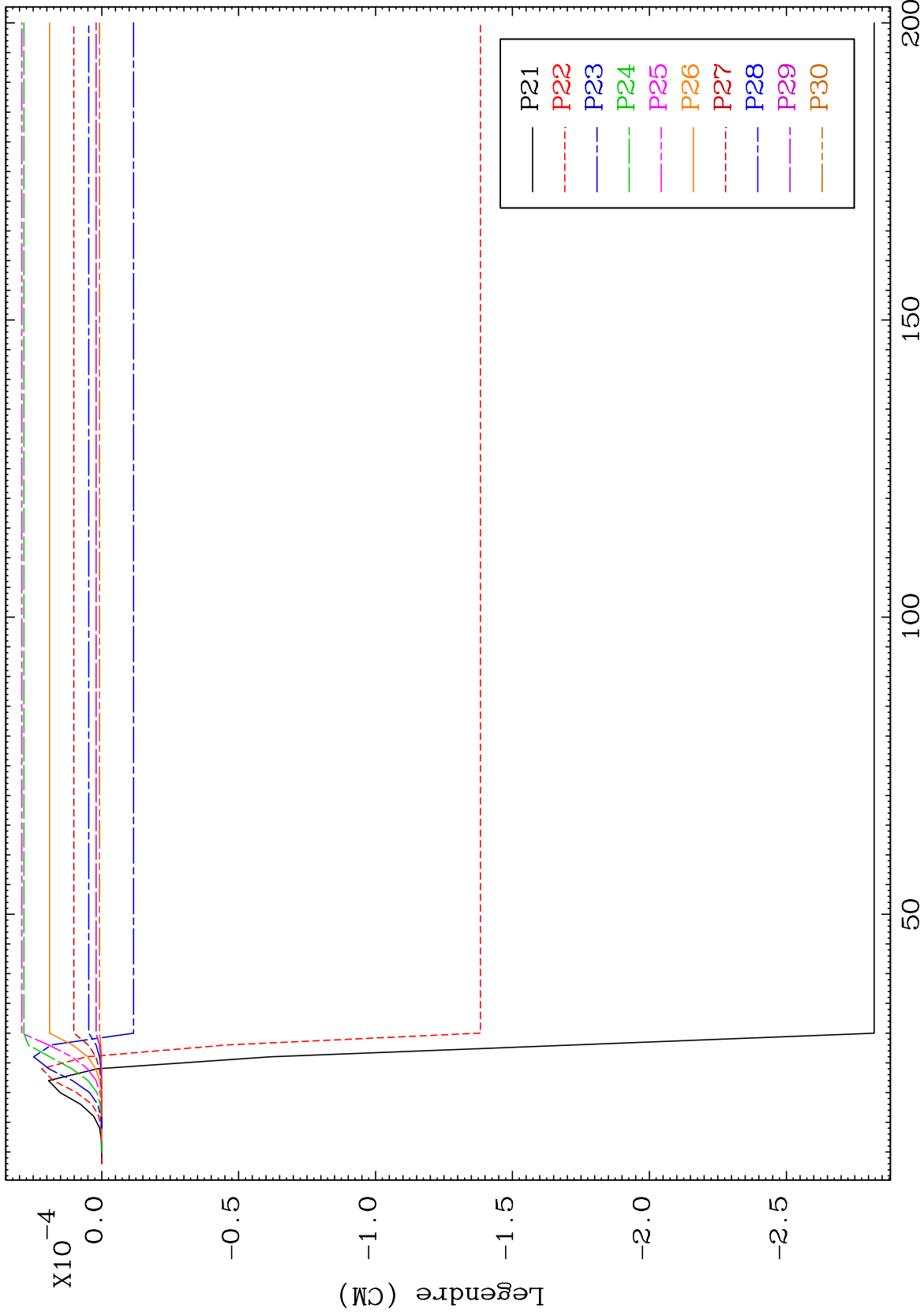
77-Ir-196



98

Incident Energy (MeV)

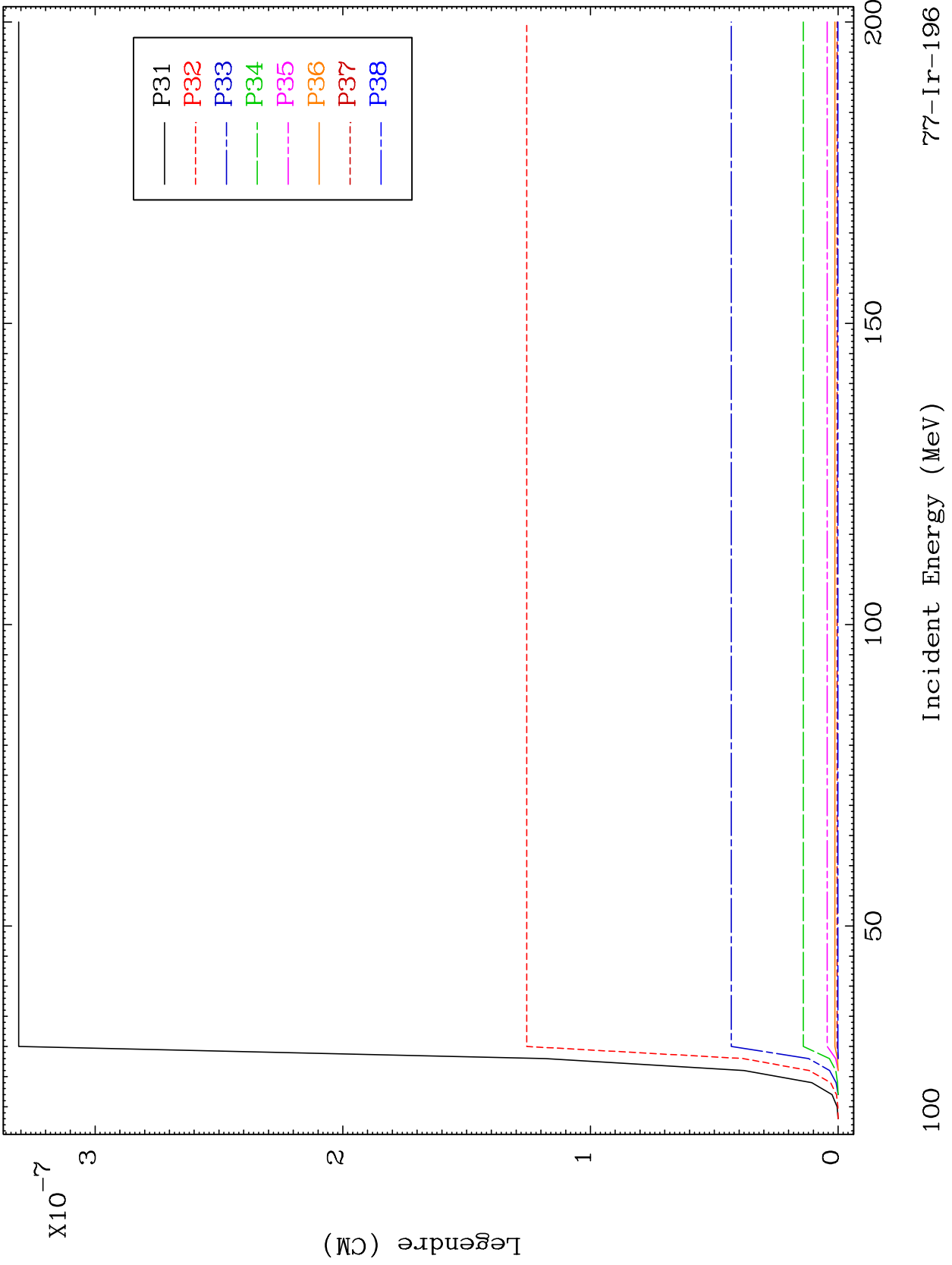
77-Ir-196



MAT 7740

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

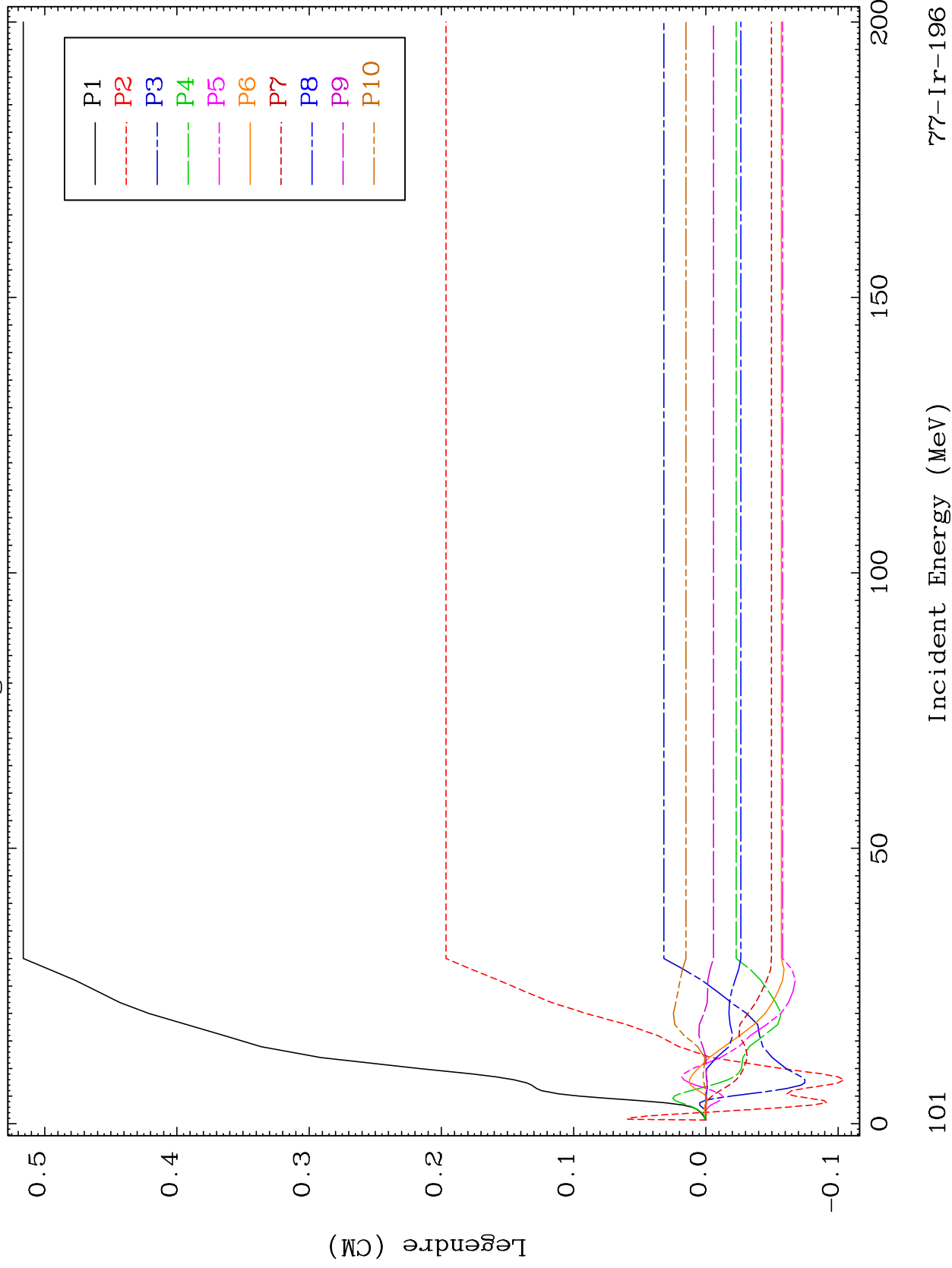
77-Ir-196



MAT 7740

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

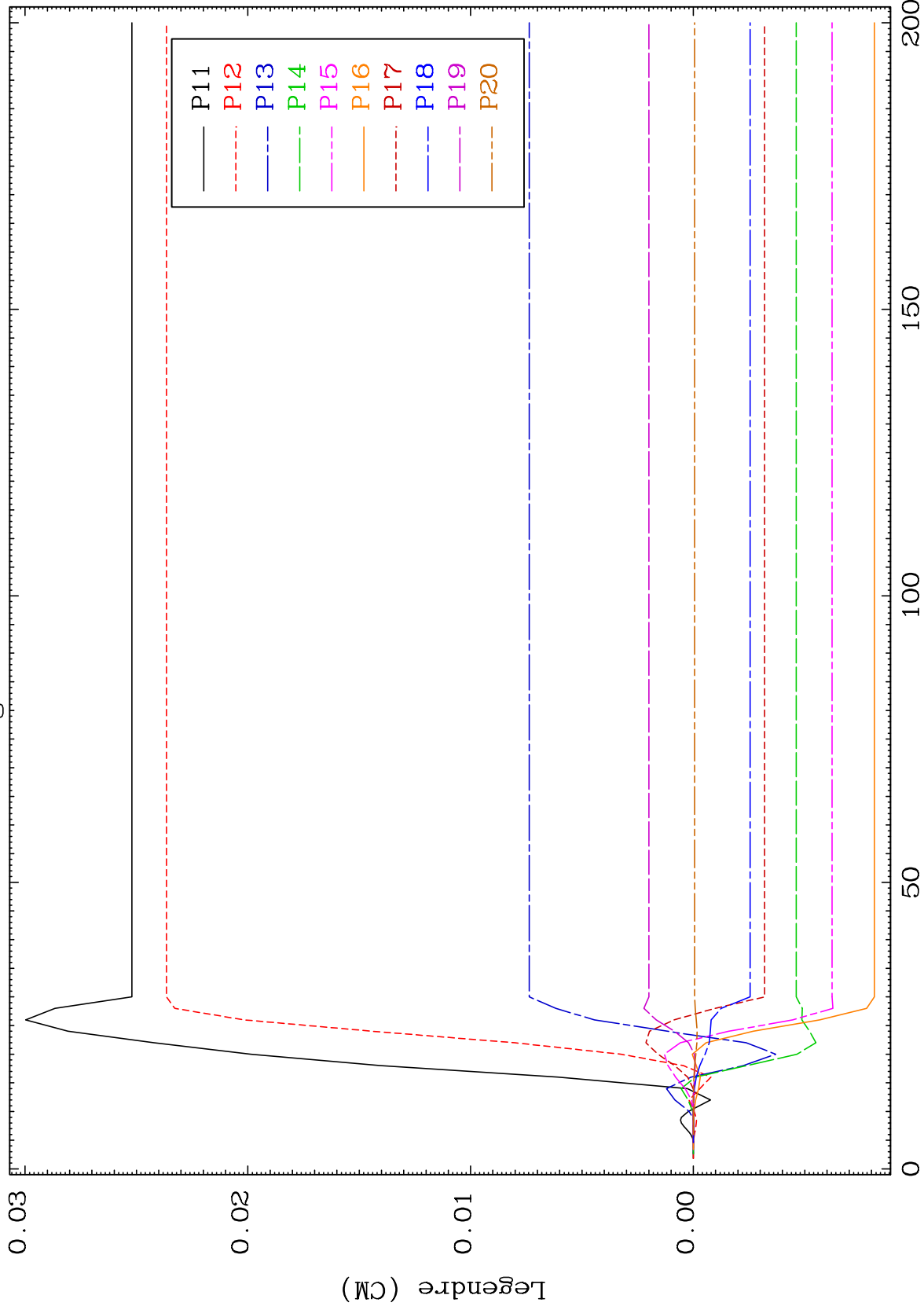
77-Ir-196



MAT 7740

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

77-Ir-196



102

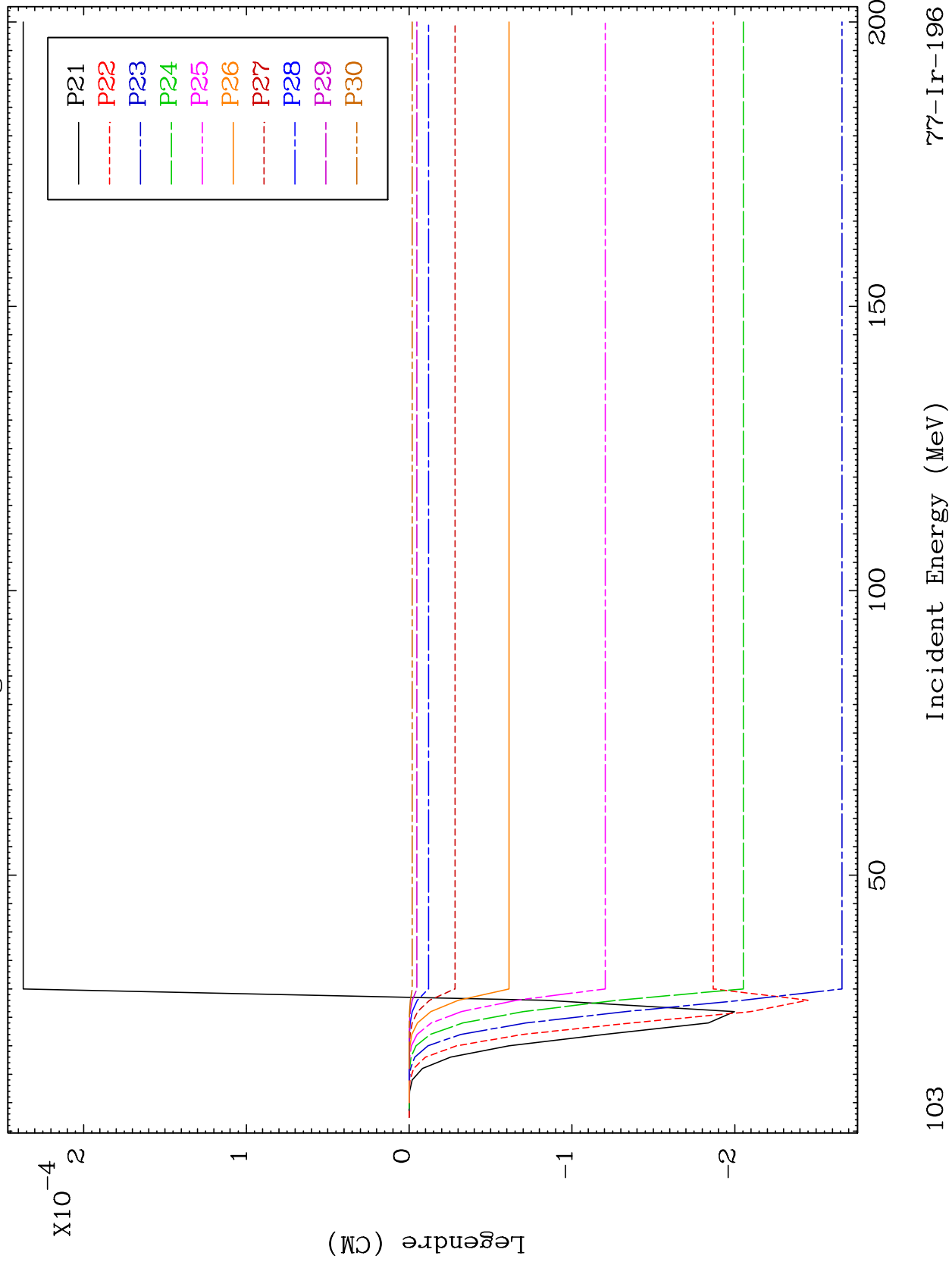
Incident Energy (MeV)

77-Ir-196

MAT 7740

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

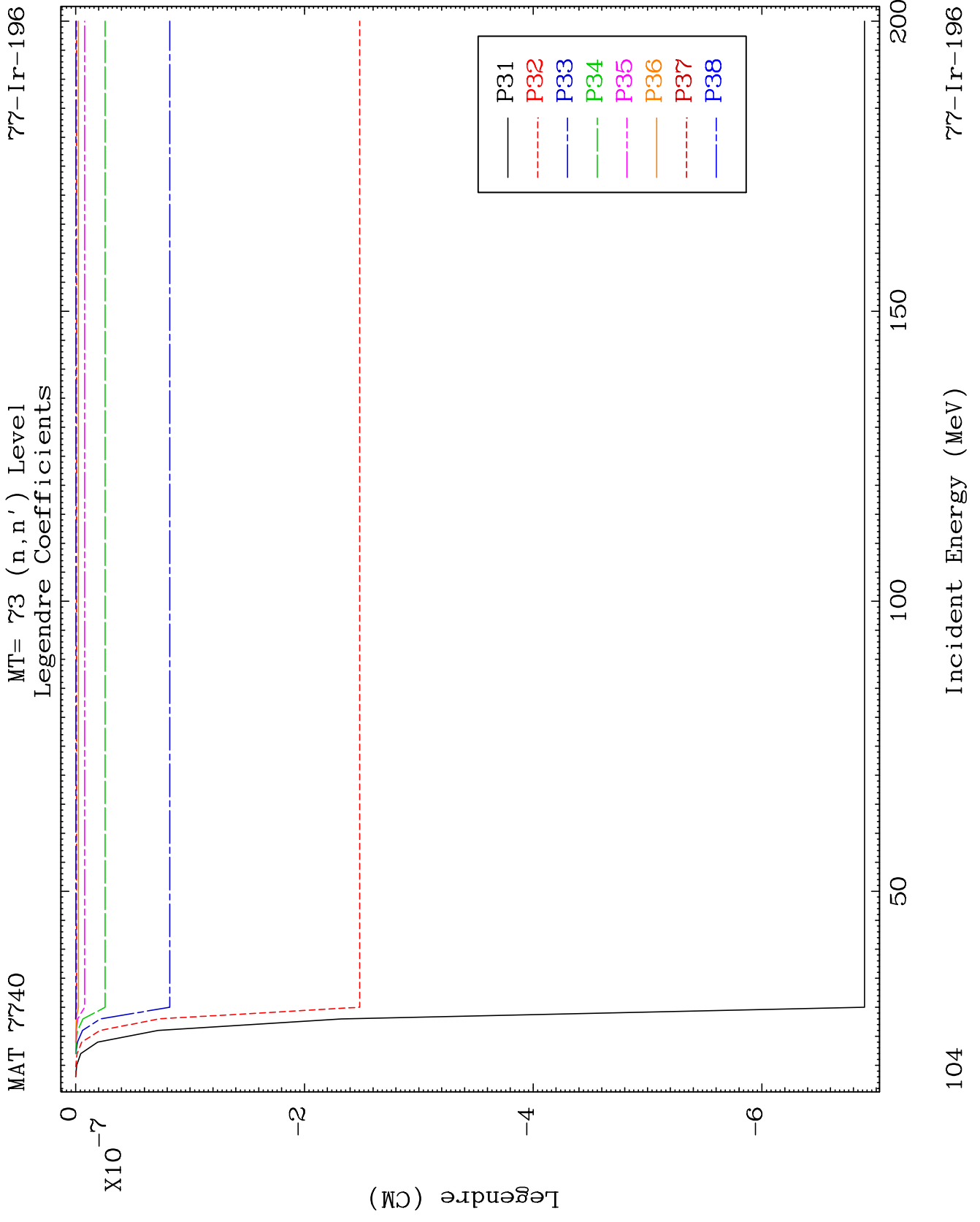
77-Ir-196

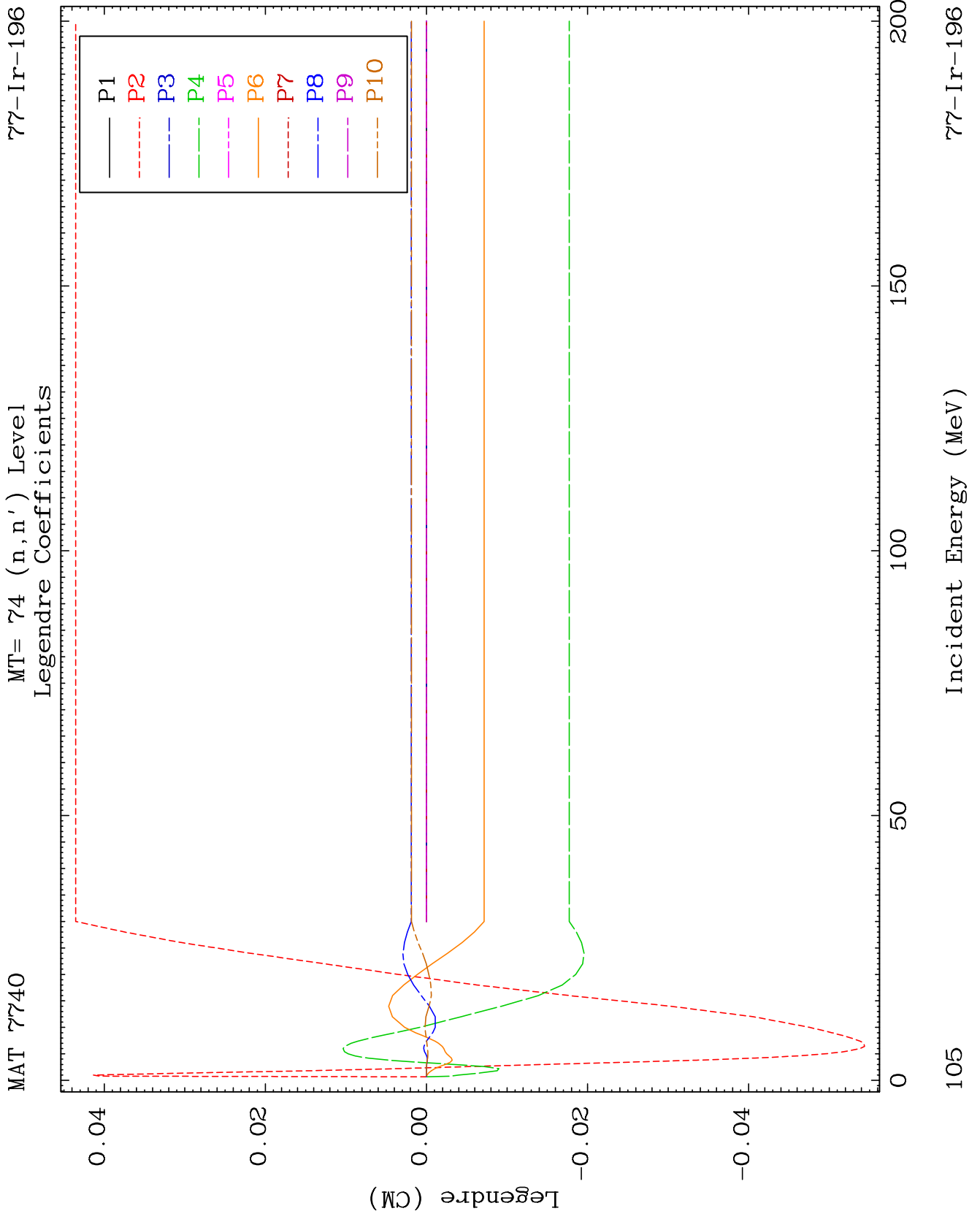


103

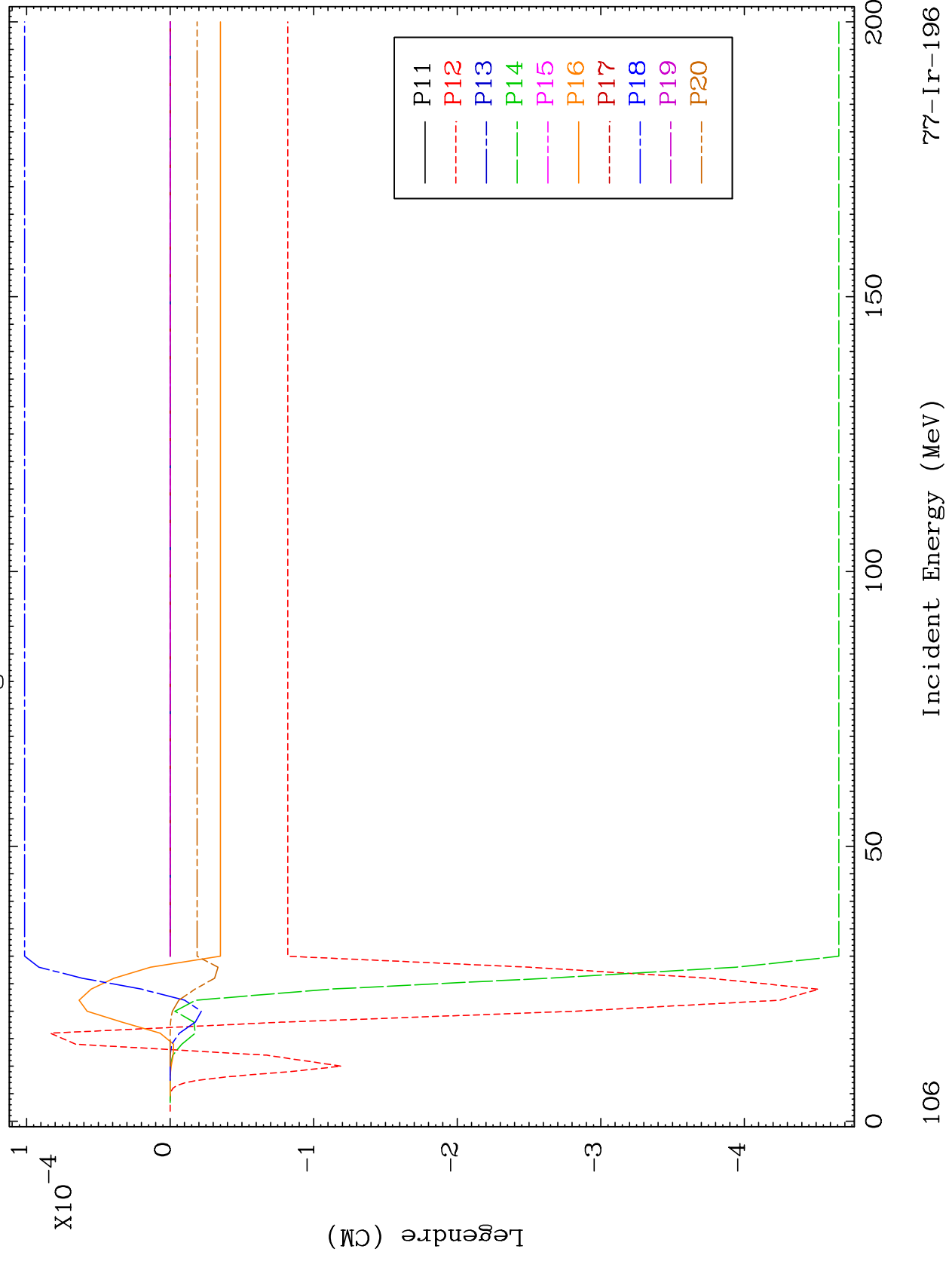
Incident Energy (MeV)

77-Ir-196

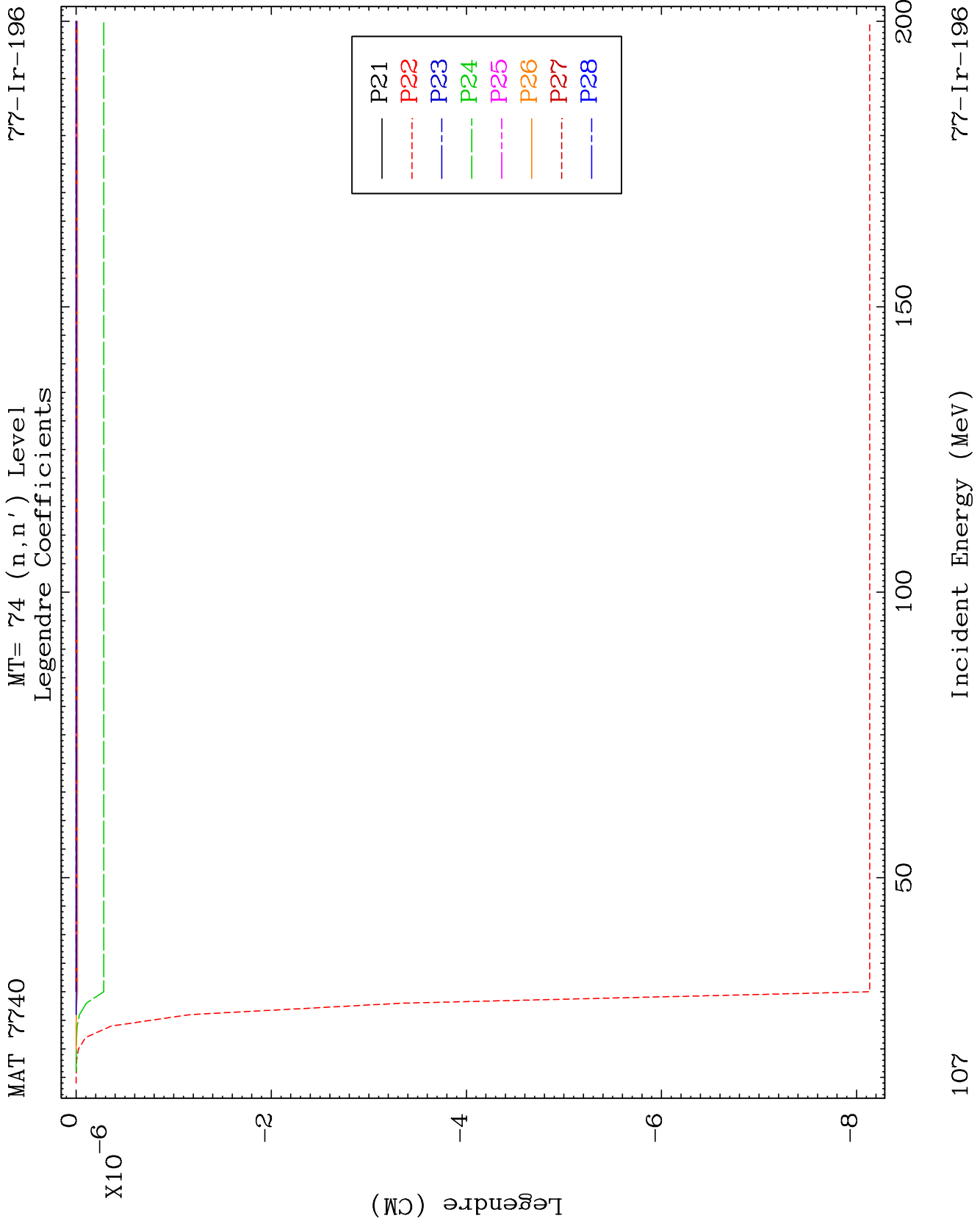


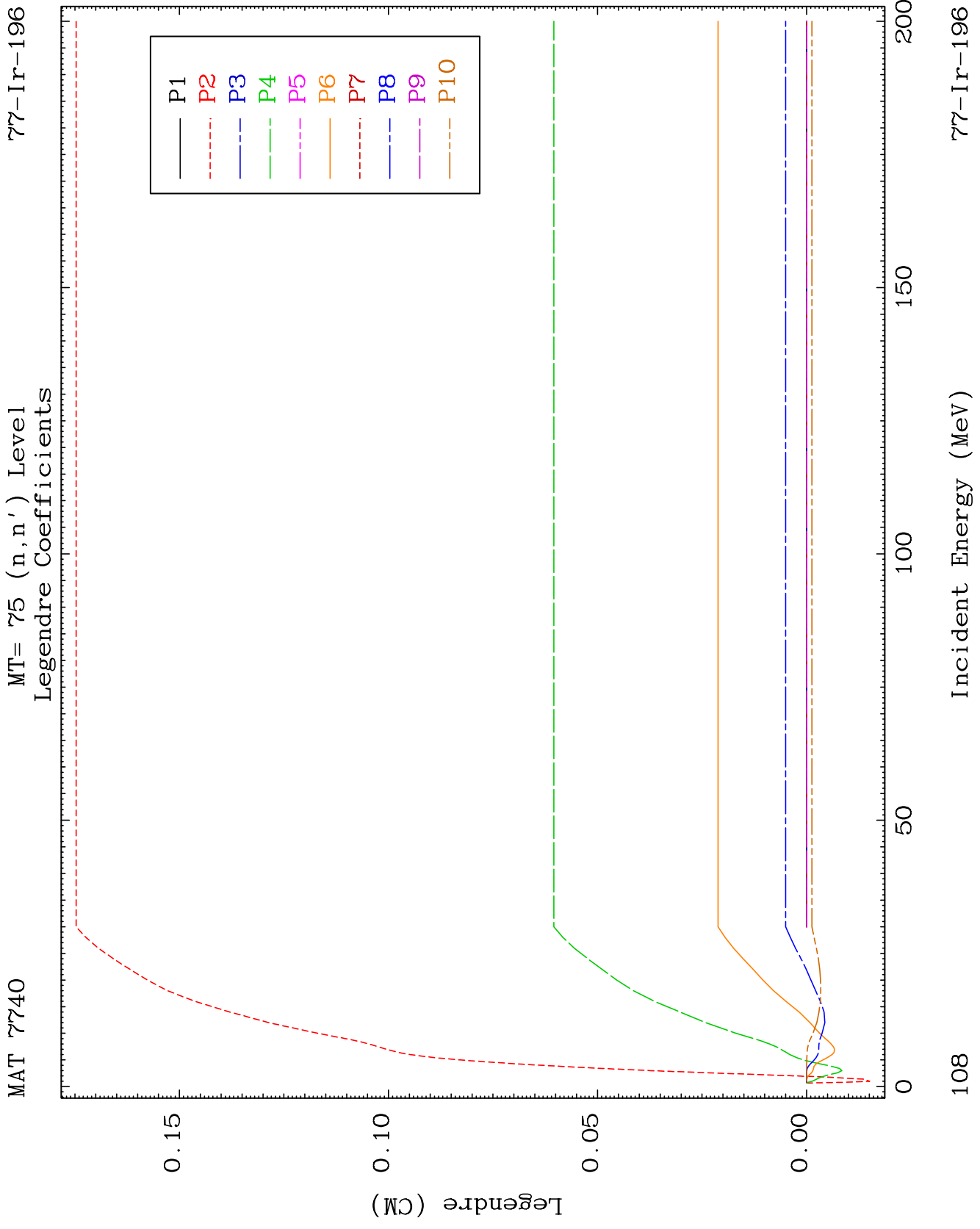


MAT 7740 MT= 74 (n,n') Level Legendre Coefficients 77-Ir-196



106 77-Ir-196





77-Ir-196

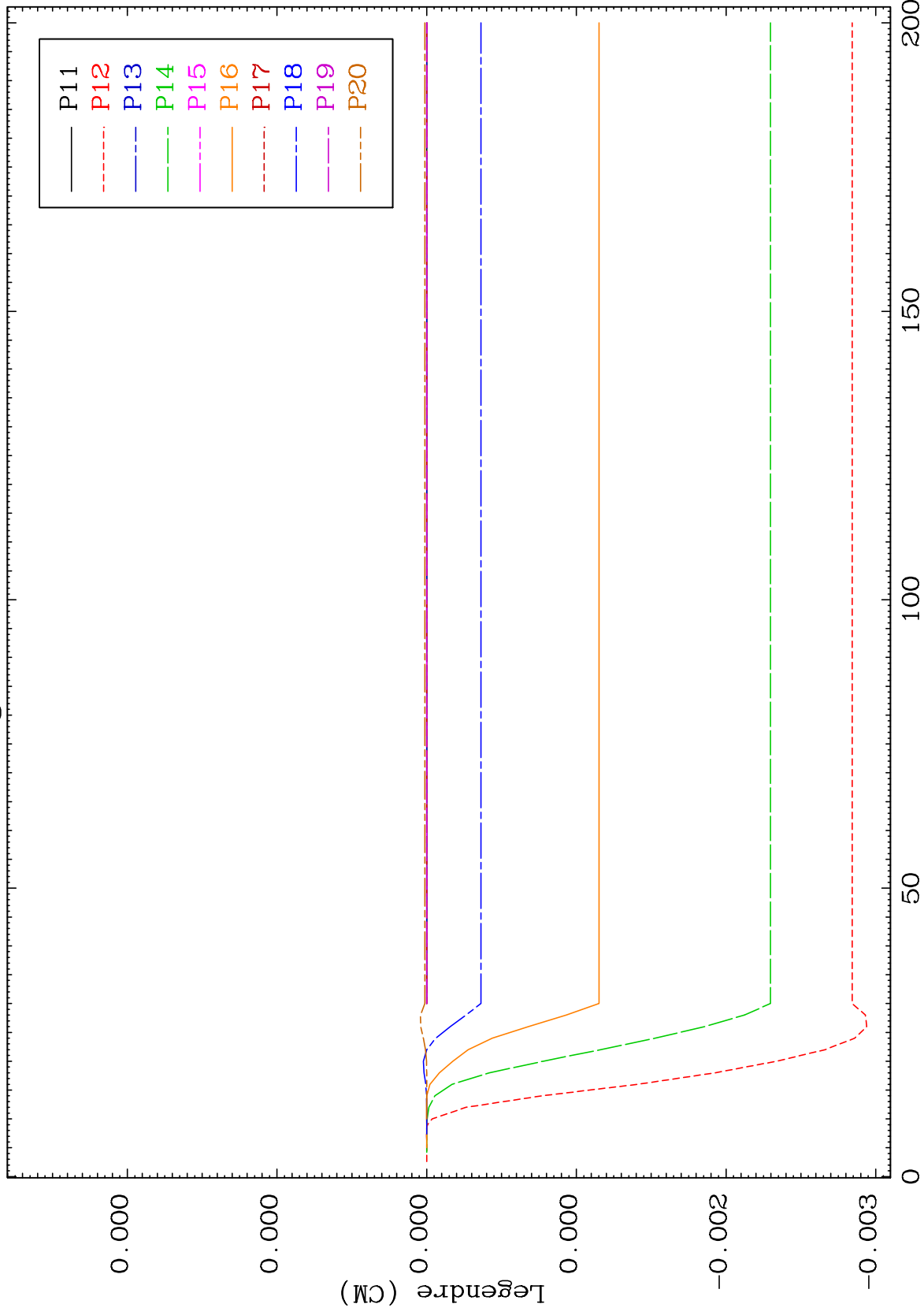
Incident Energy (MeV)

108

MAT 7740

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

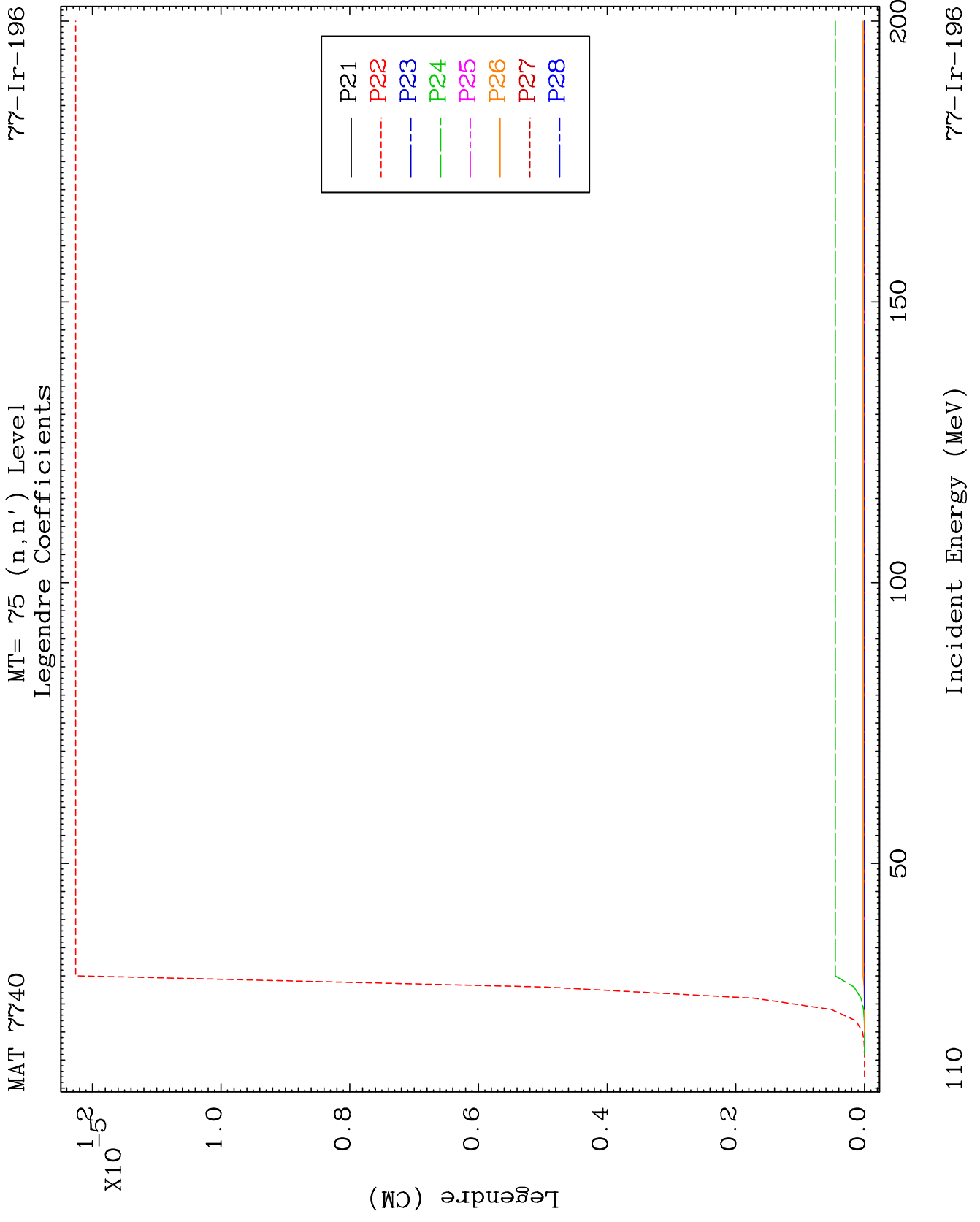
77-Ir-196

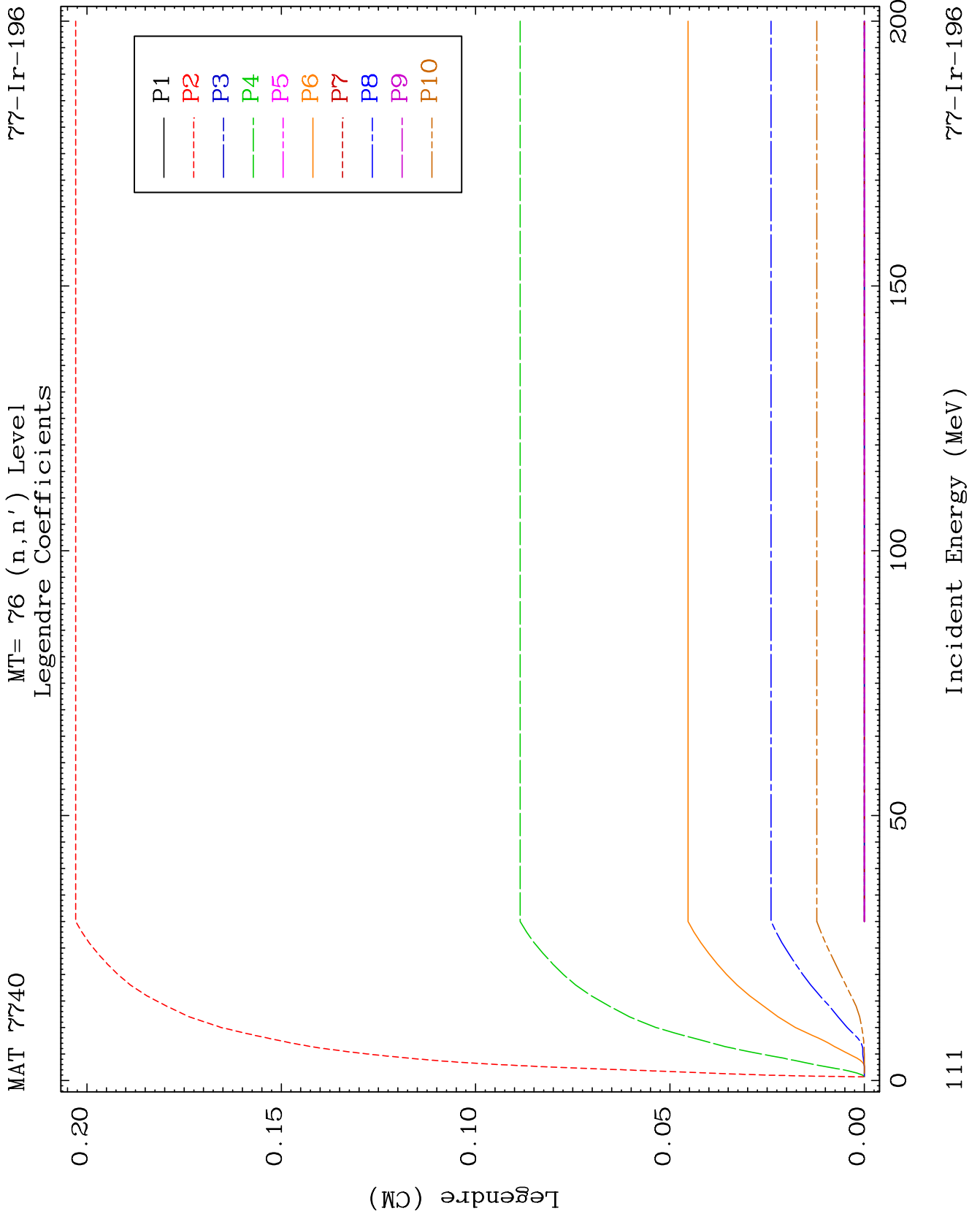


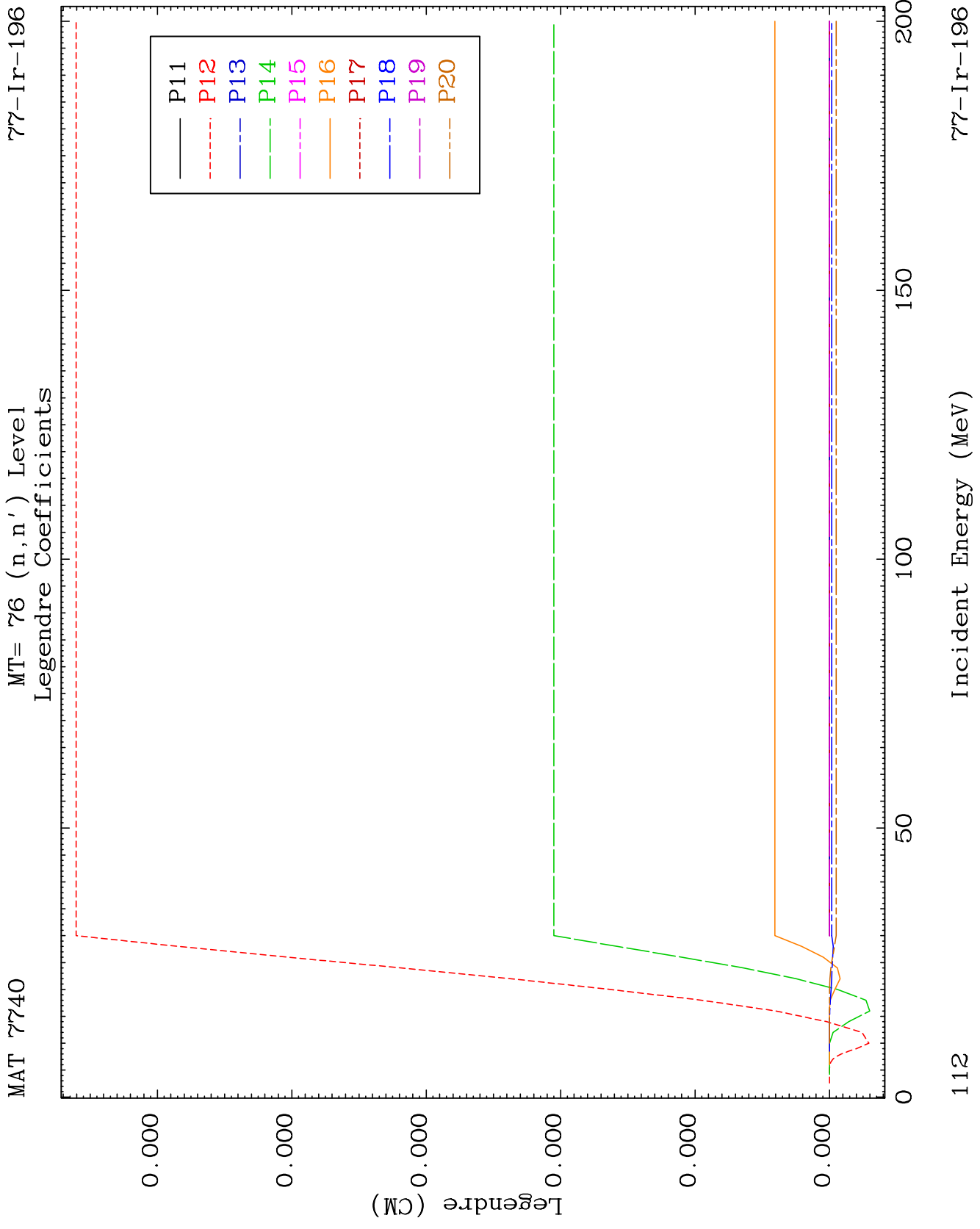
109

Incident Energy (MeV)

77-Ir-196



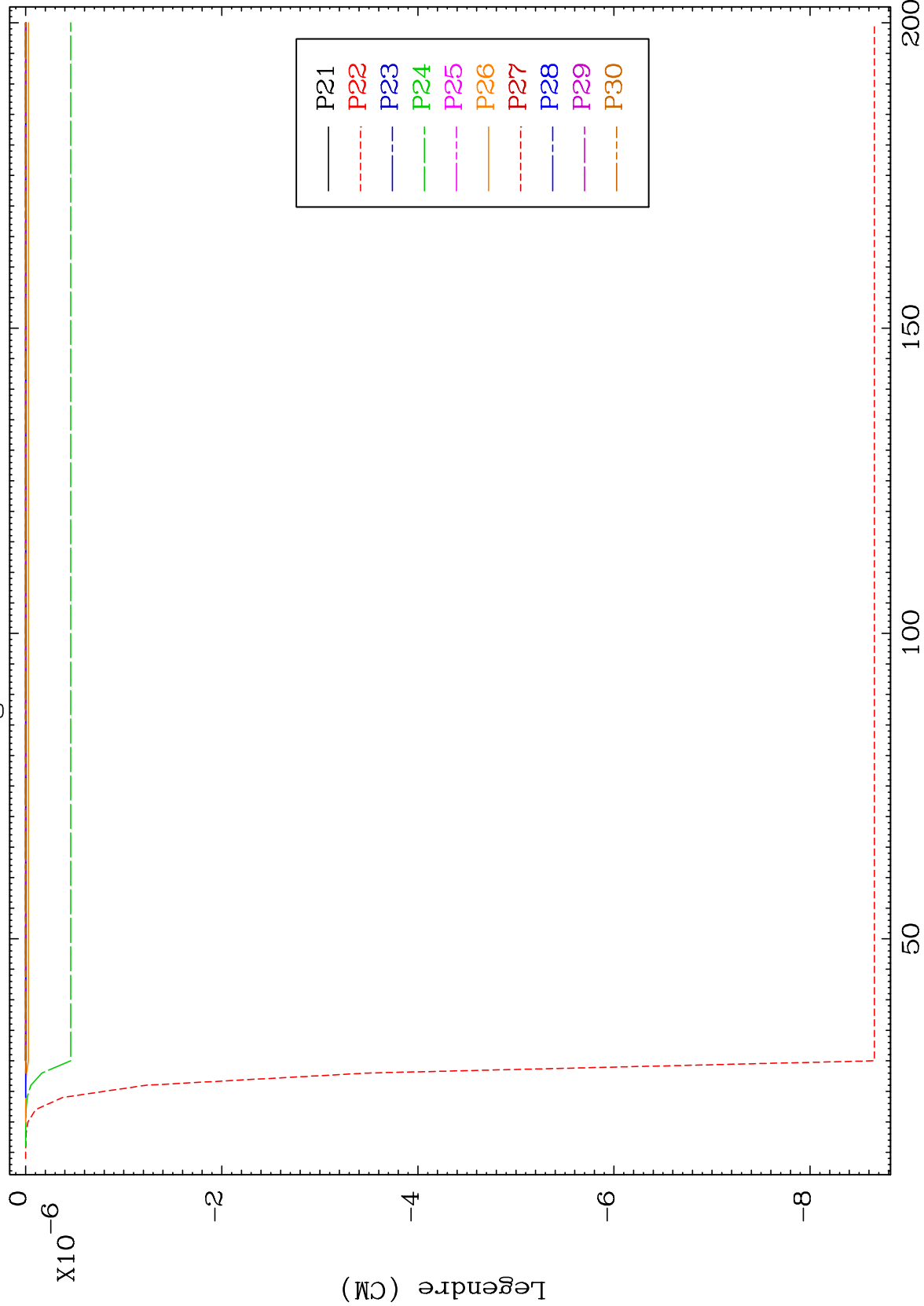




MAT 7740

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

77-Ir-196



113

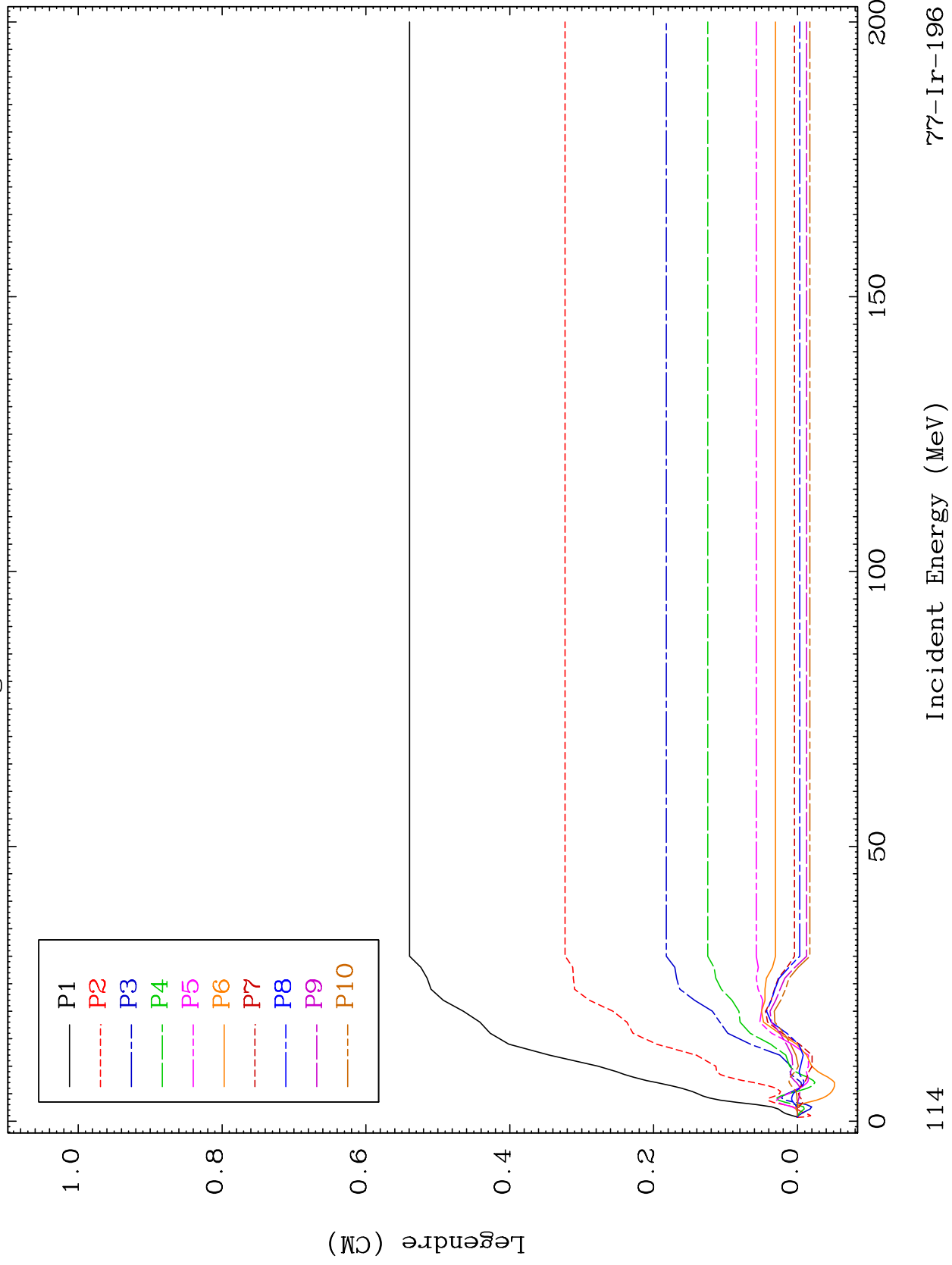
Incident Energy (MeV)

77-Ir-196

MAT 7740

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

77-Ir-196



114

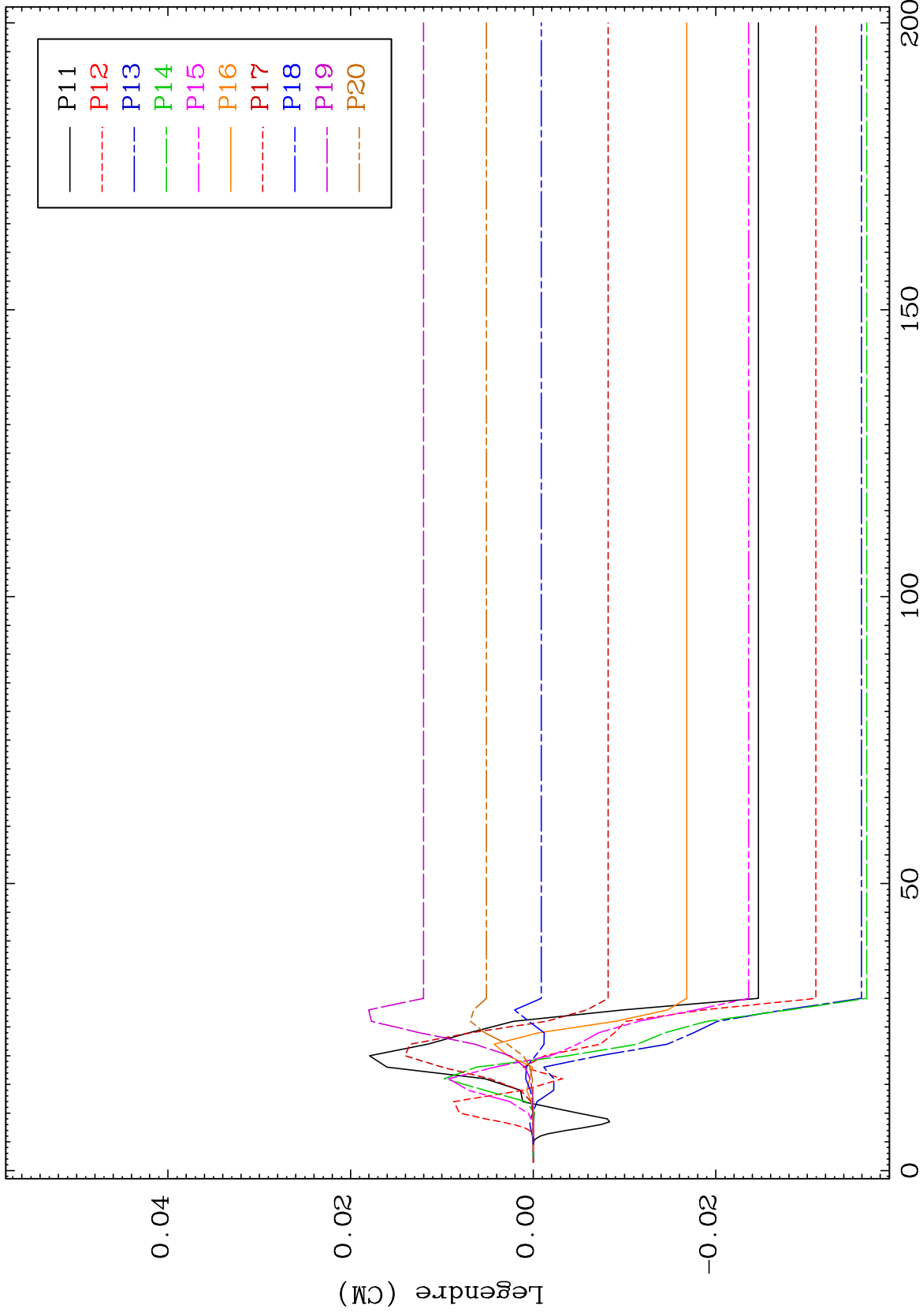
Incident Energy (MeV)

77-Ir-196

MAT 7740

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

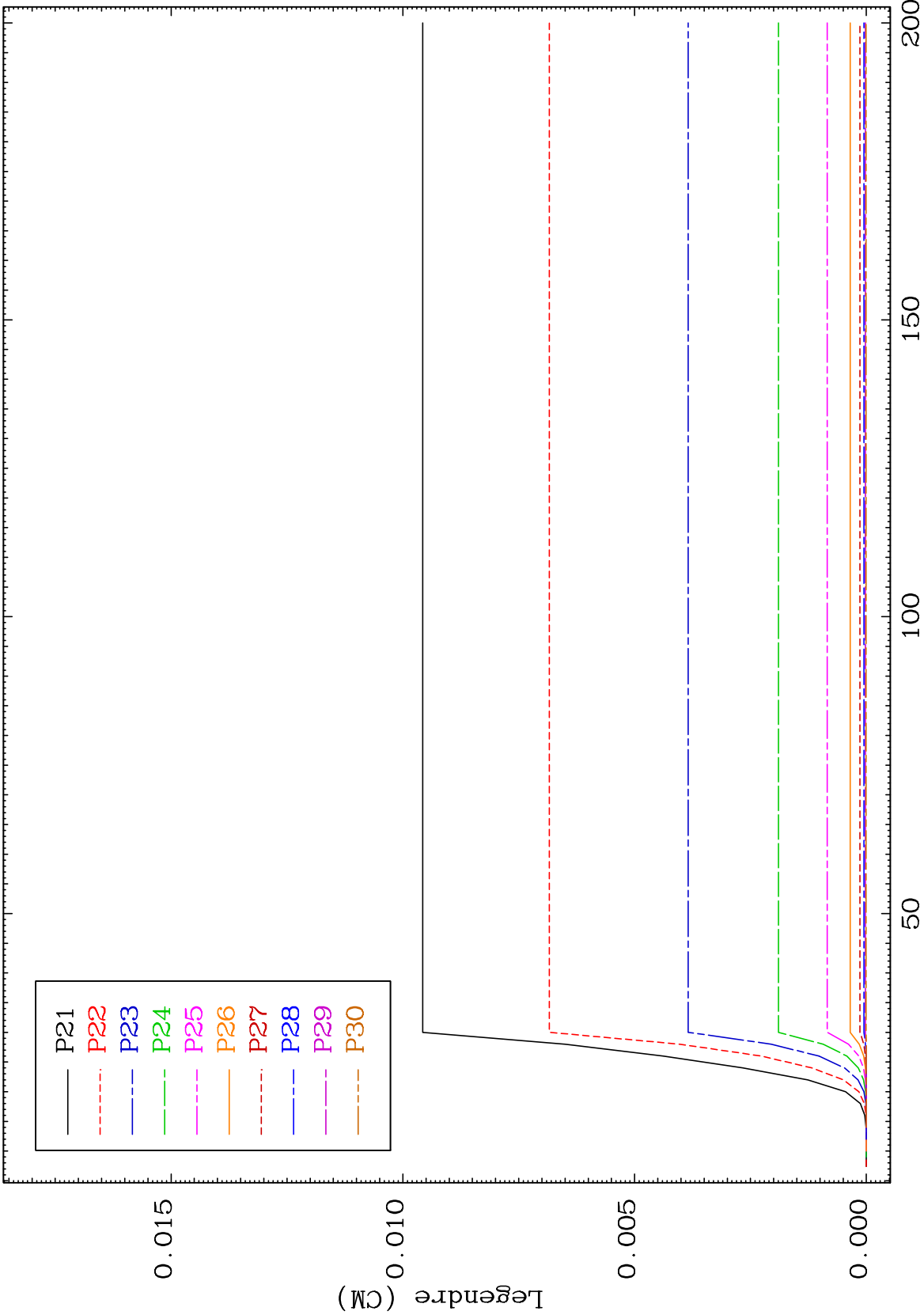
77-Ir-196



115

Incident Energy (MeV)

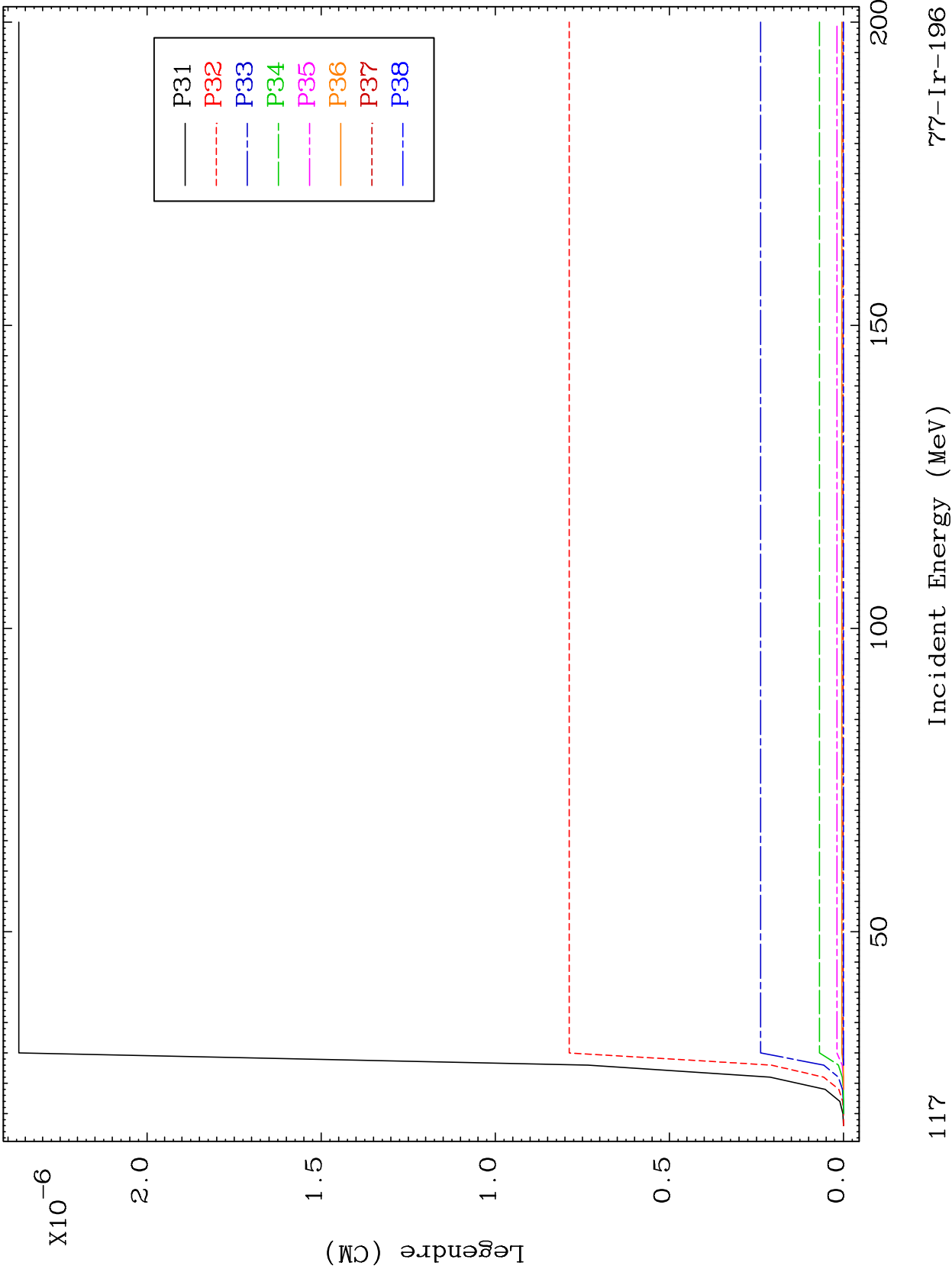
77-Ir-196



MAT 7740

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

77-Ir-196



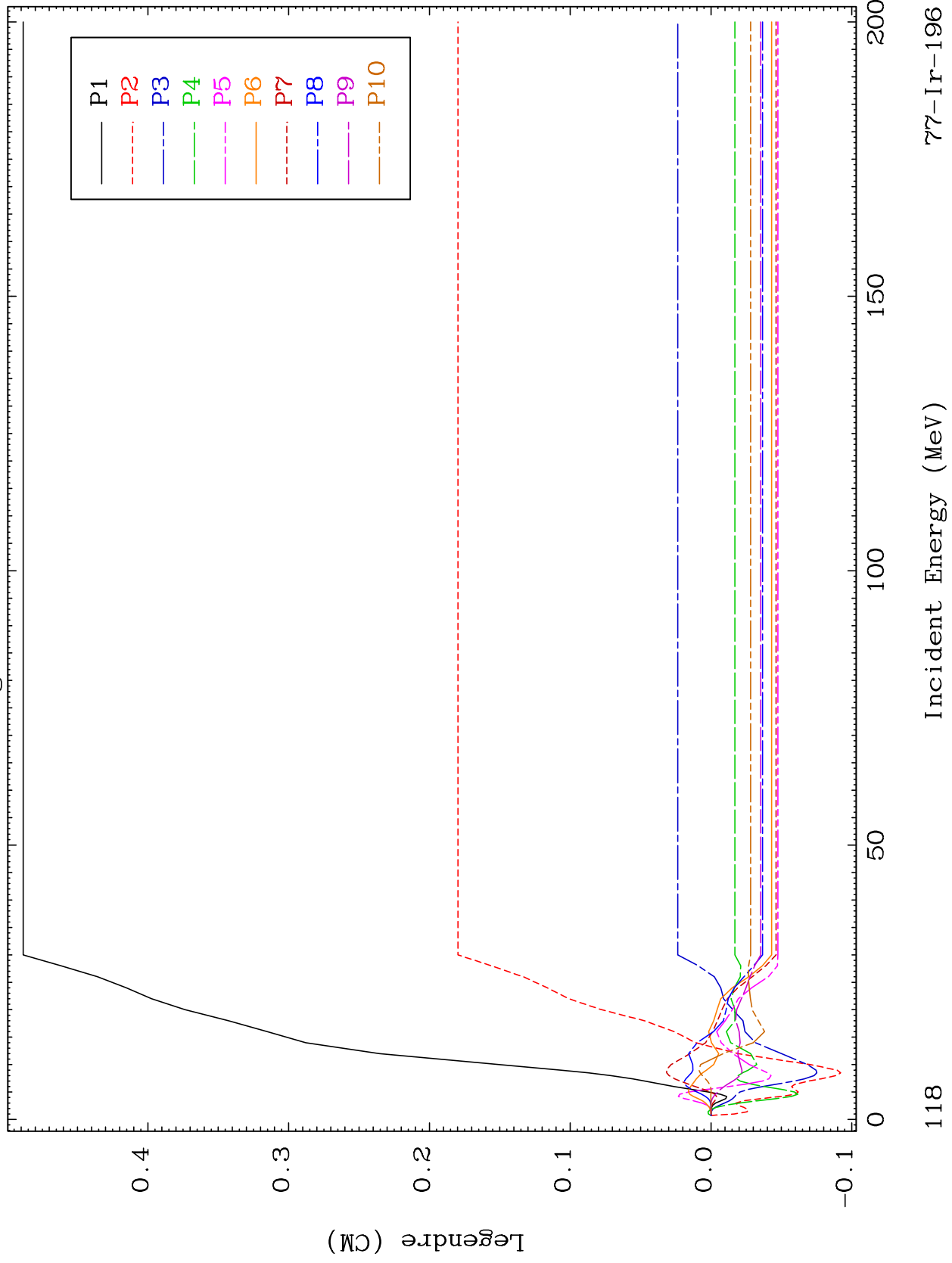
117

77-Ir-196

MAT 7740

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

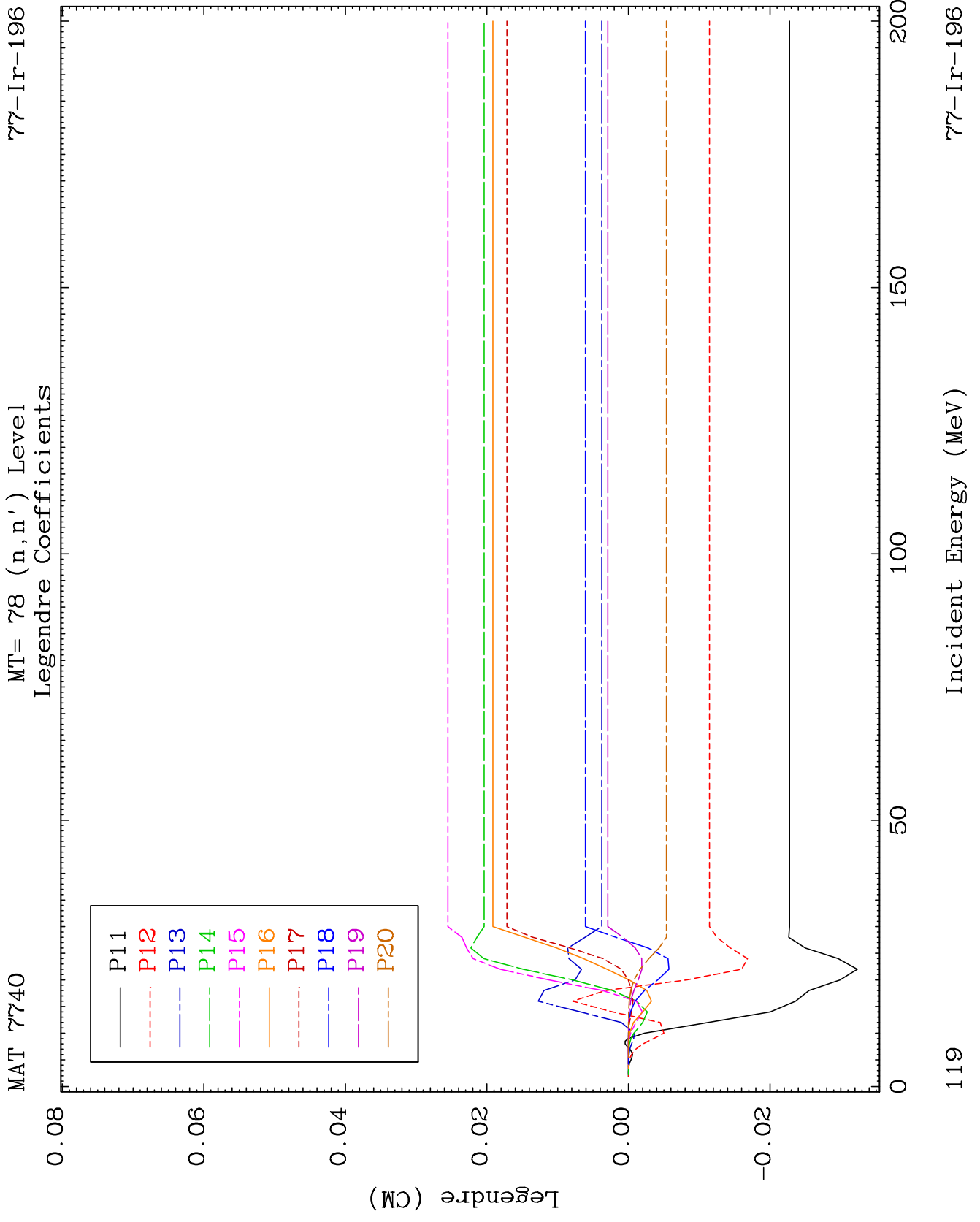
77-Ir-196

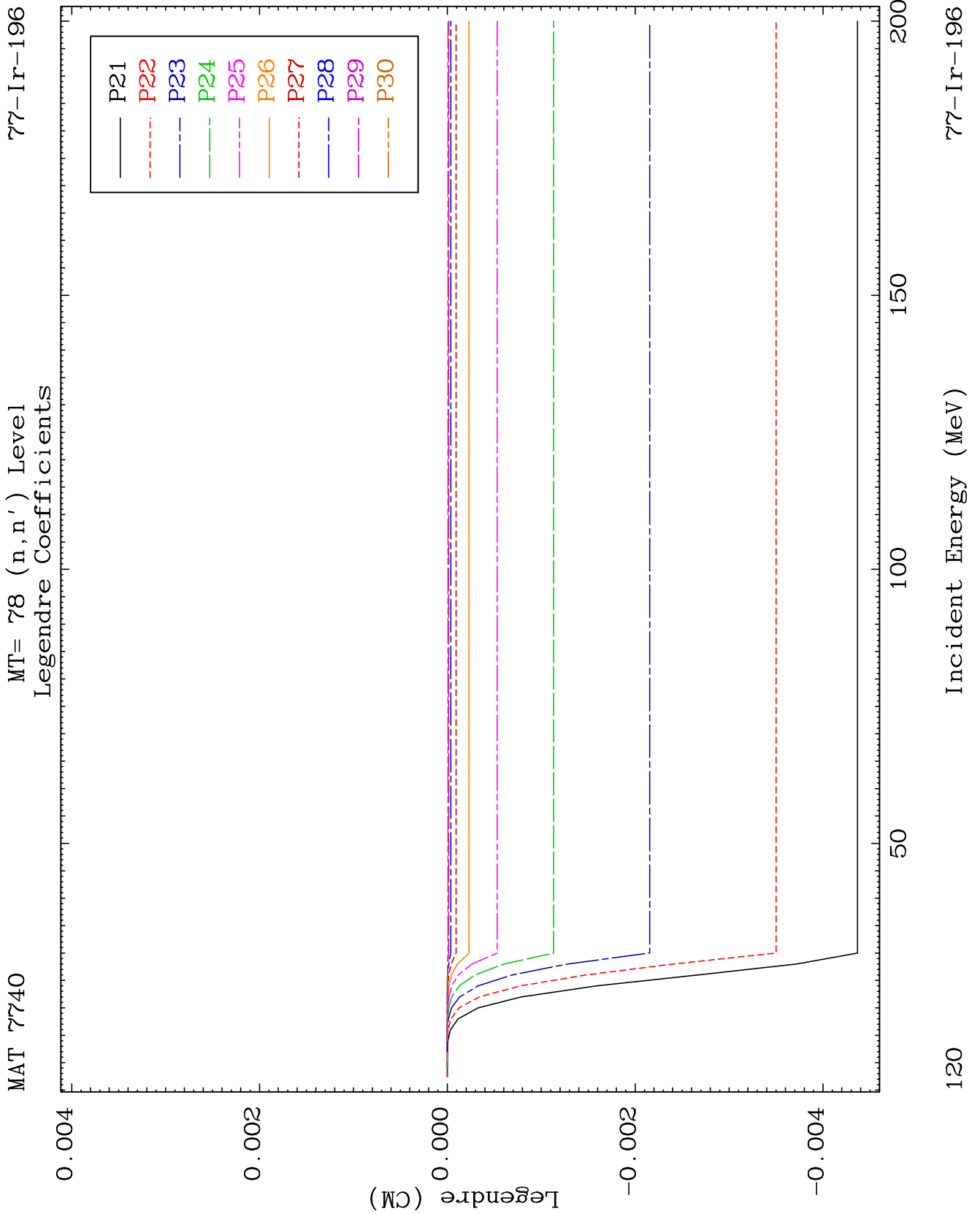


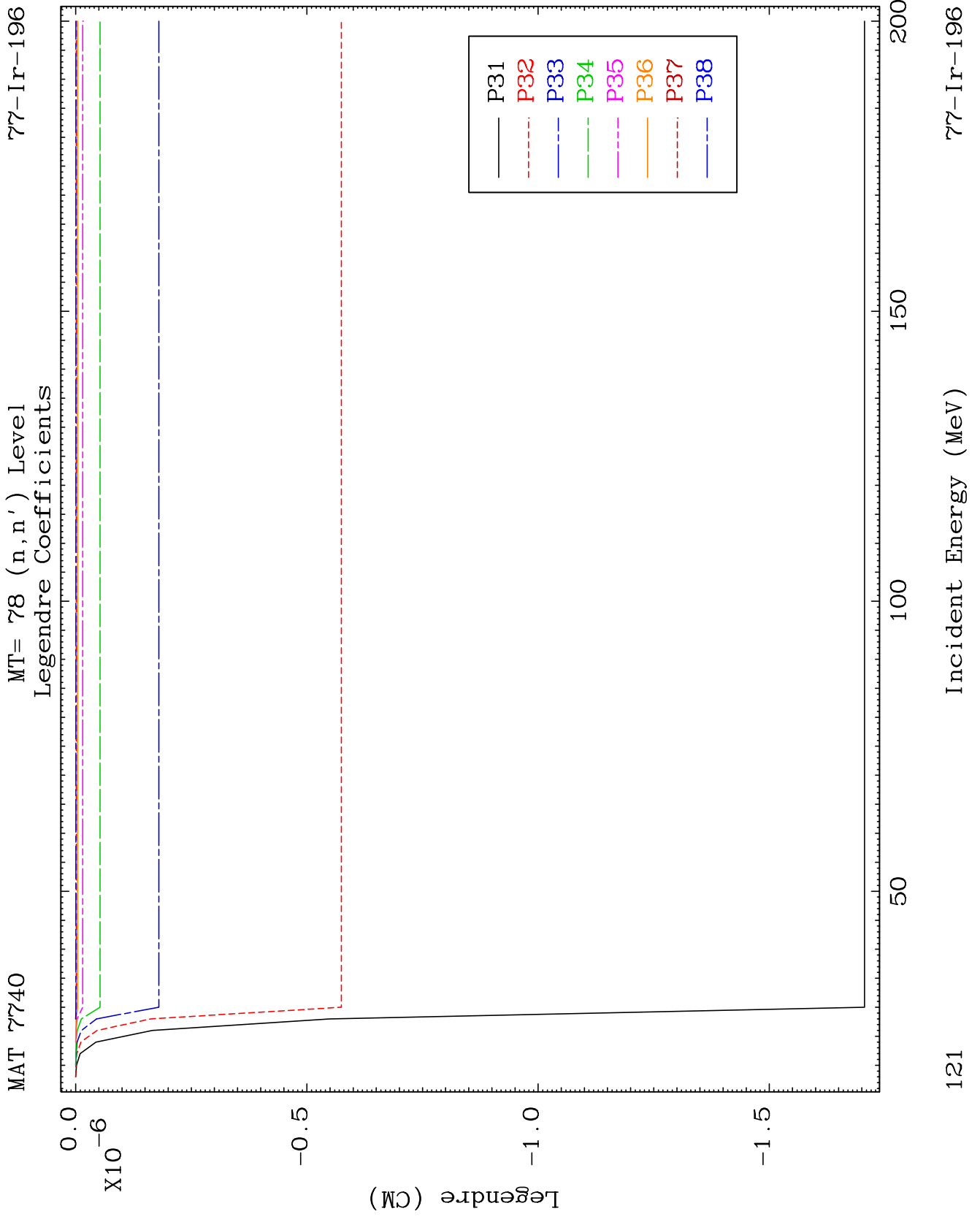
77-Ir-196

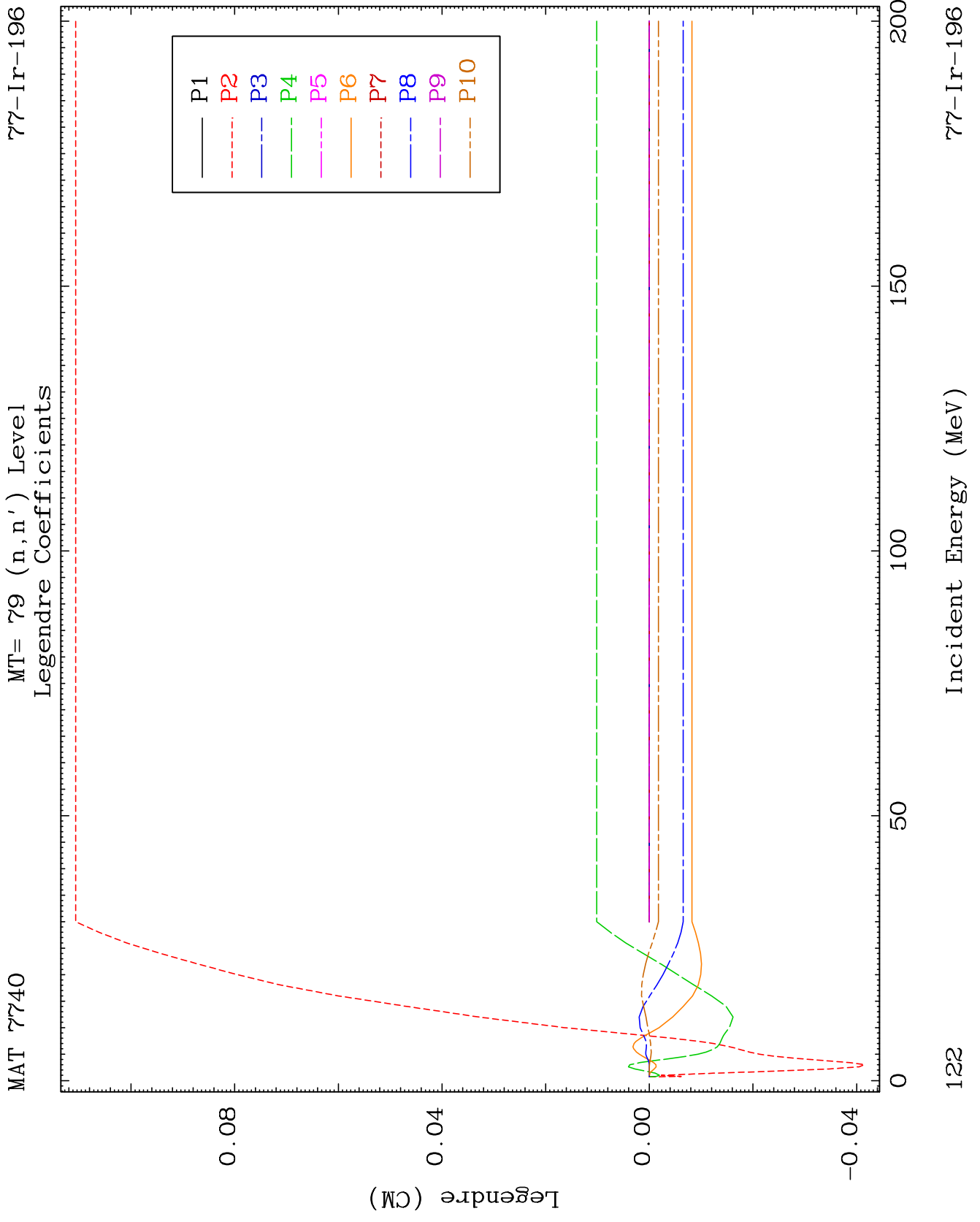
Incident Energy (MeV)

118





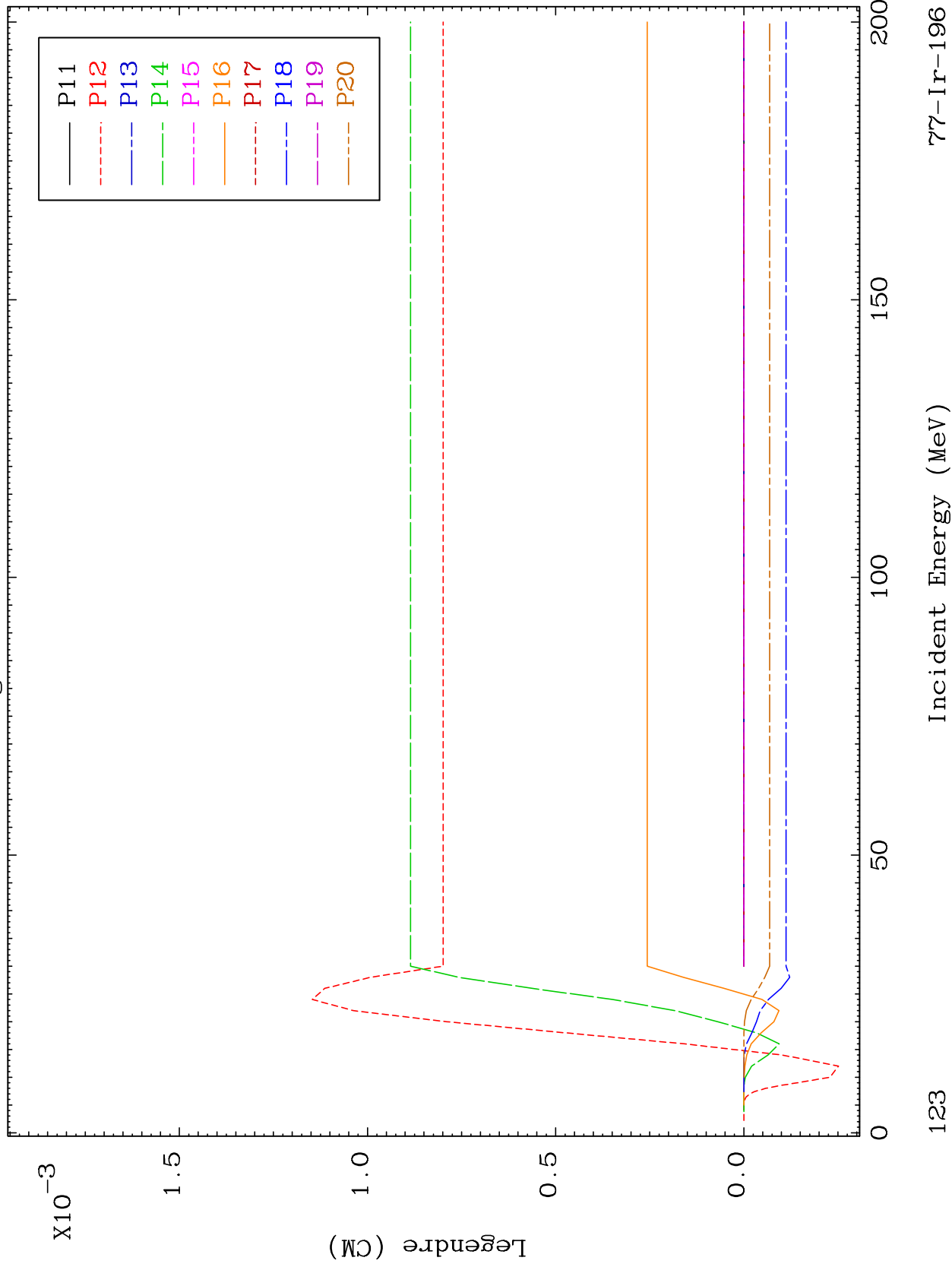




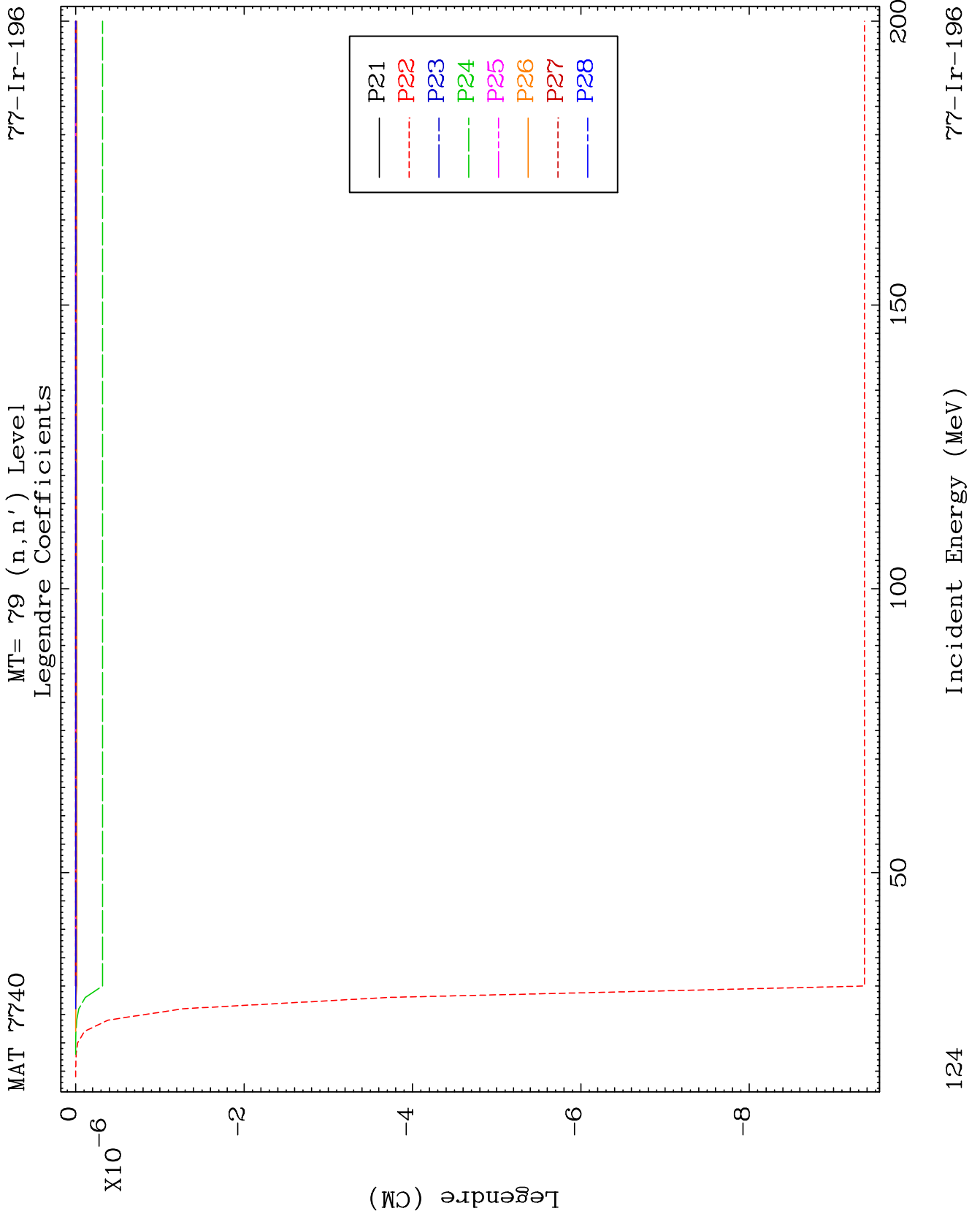
MAT 7740

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

77-Ir-196



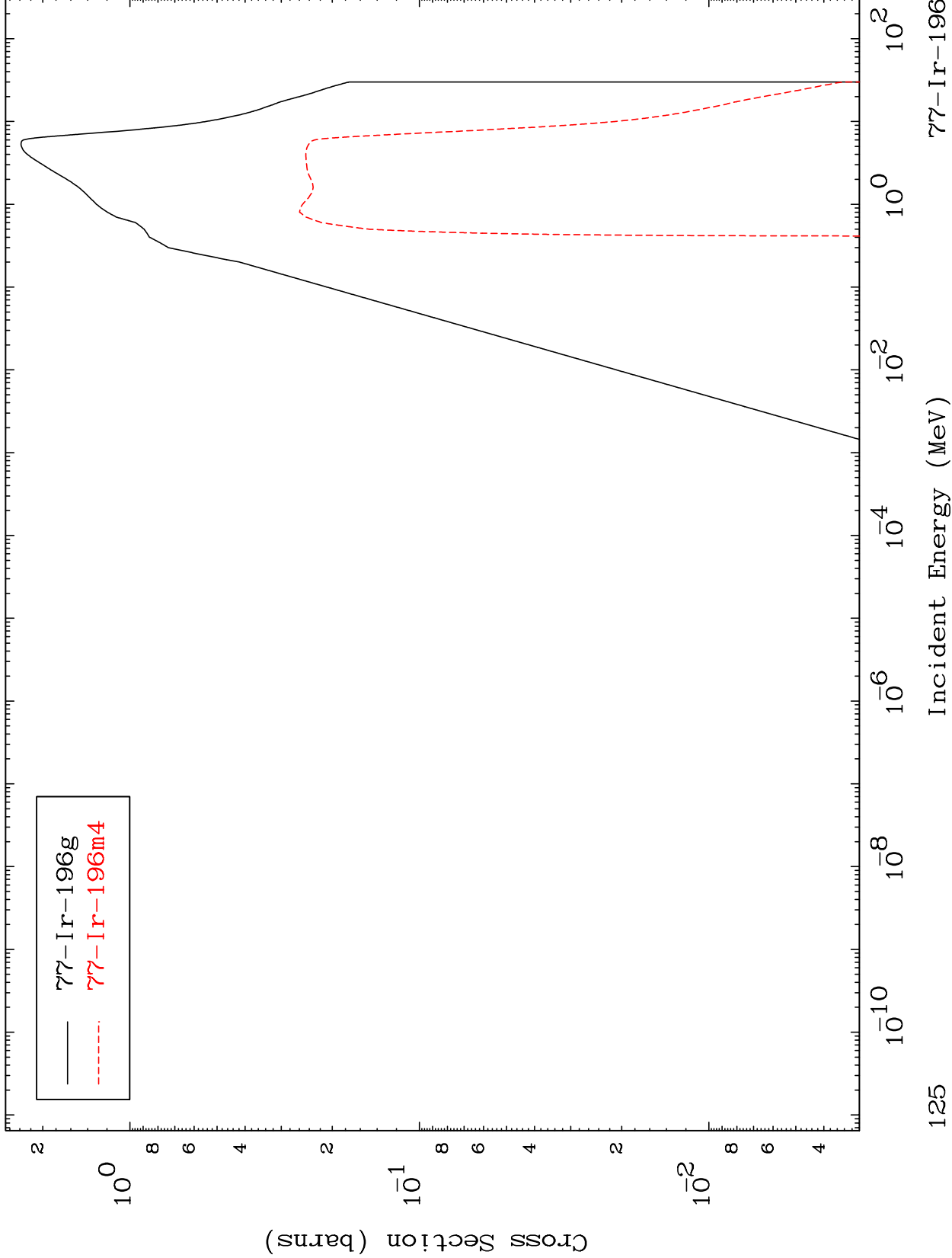
123



MAT 7740

Inelastic
Radionuclide Production Cross Section

⁷⁷Ir-196



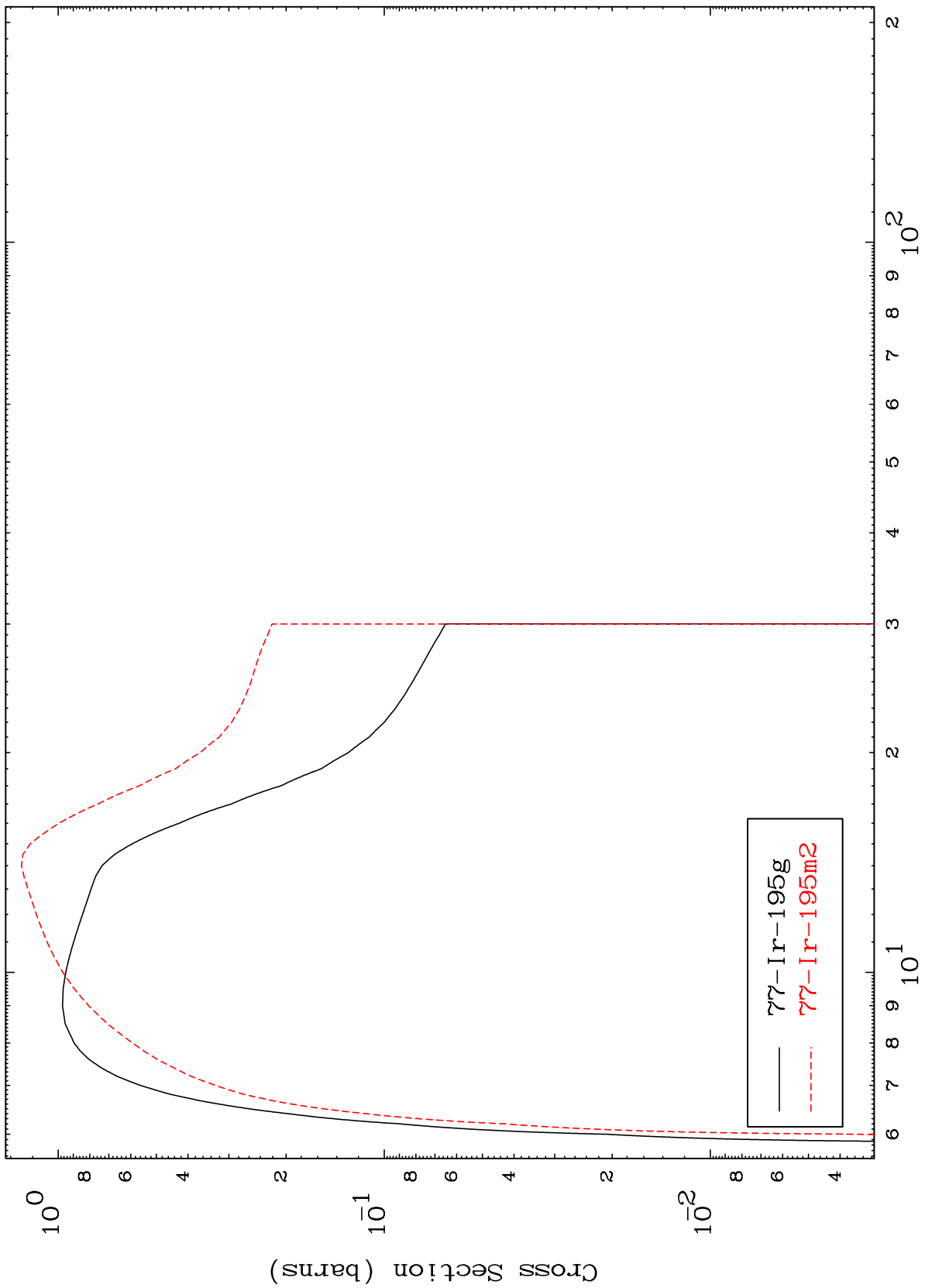
125

⁷⁷Ir-196

MAT 7740

⁷⁷Ir-196

Radionuclide Production Cross Section (n,2n)



126

Incident Energy (MeV)

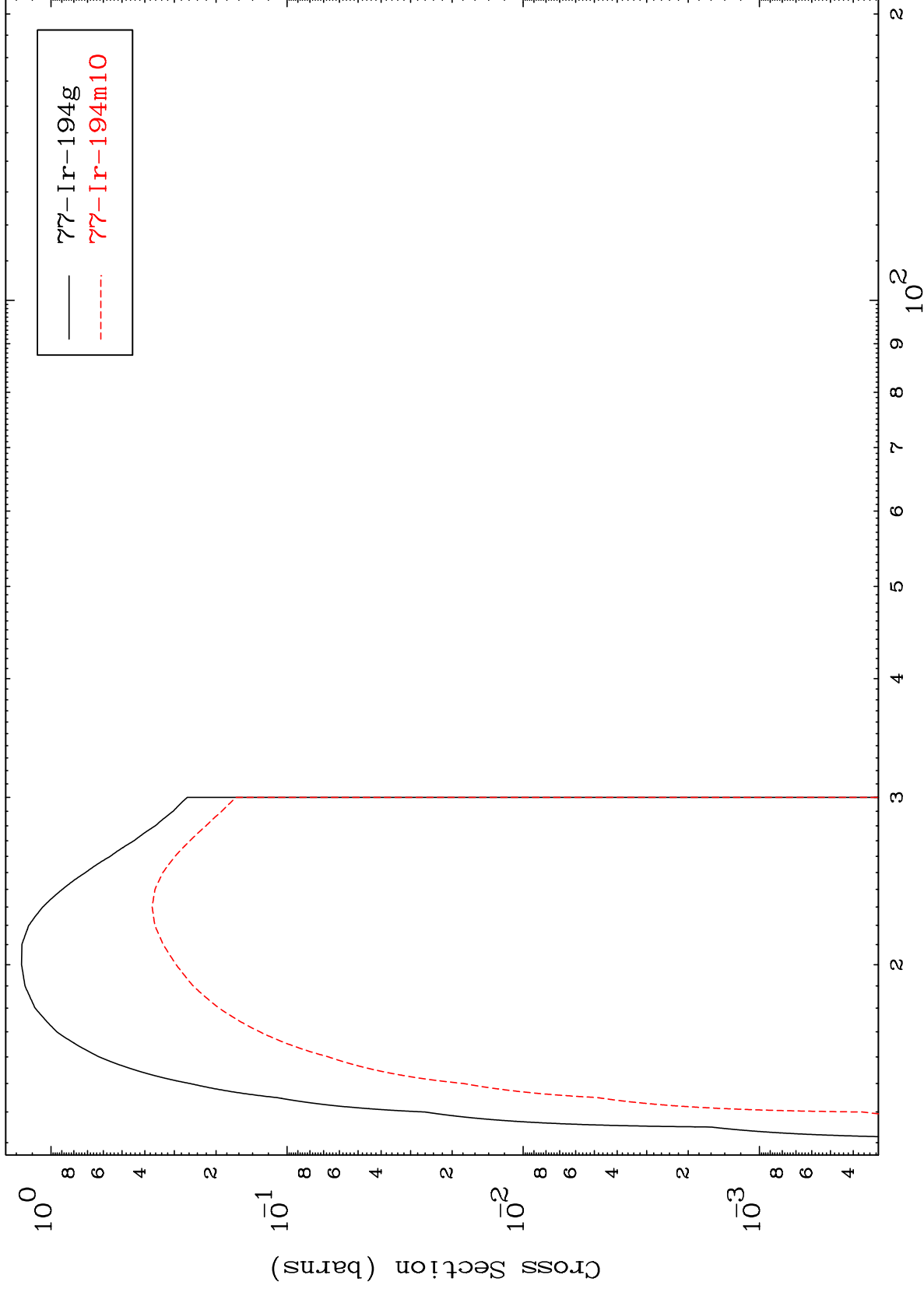
⁷⁷Ir-196

MAT 7740

(n,3n)

77-Ir-196

Radionuclide Production Cross Section



127

Incident Energy (MeV)

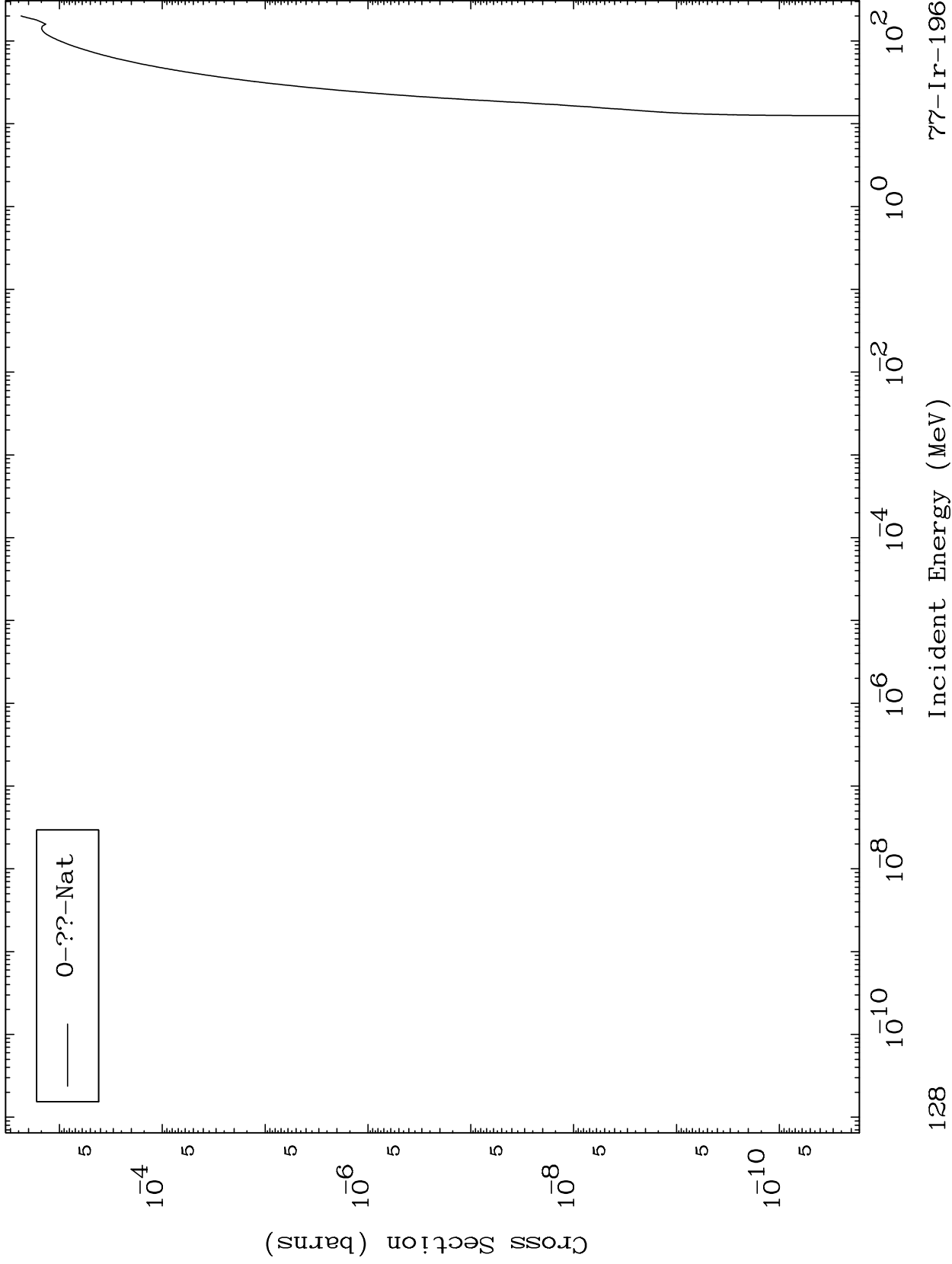
77-Ir-196

MAT 7740

Fission

⁷⁷Ir-196

Radionuclide Production Cross Section

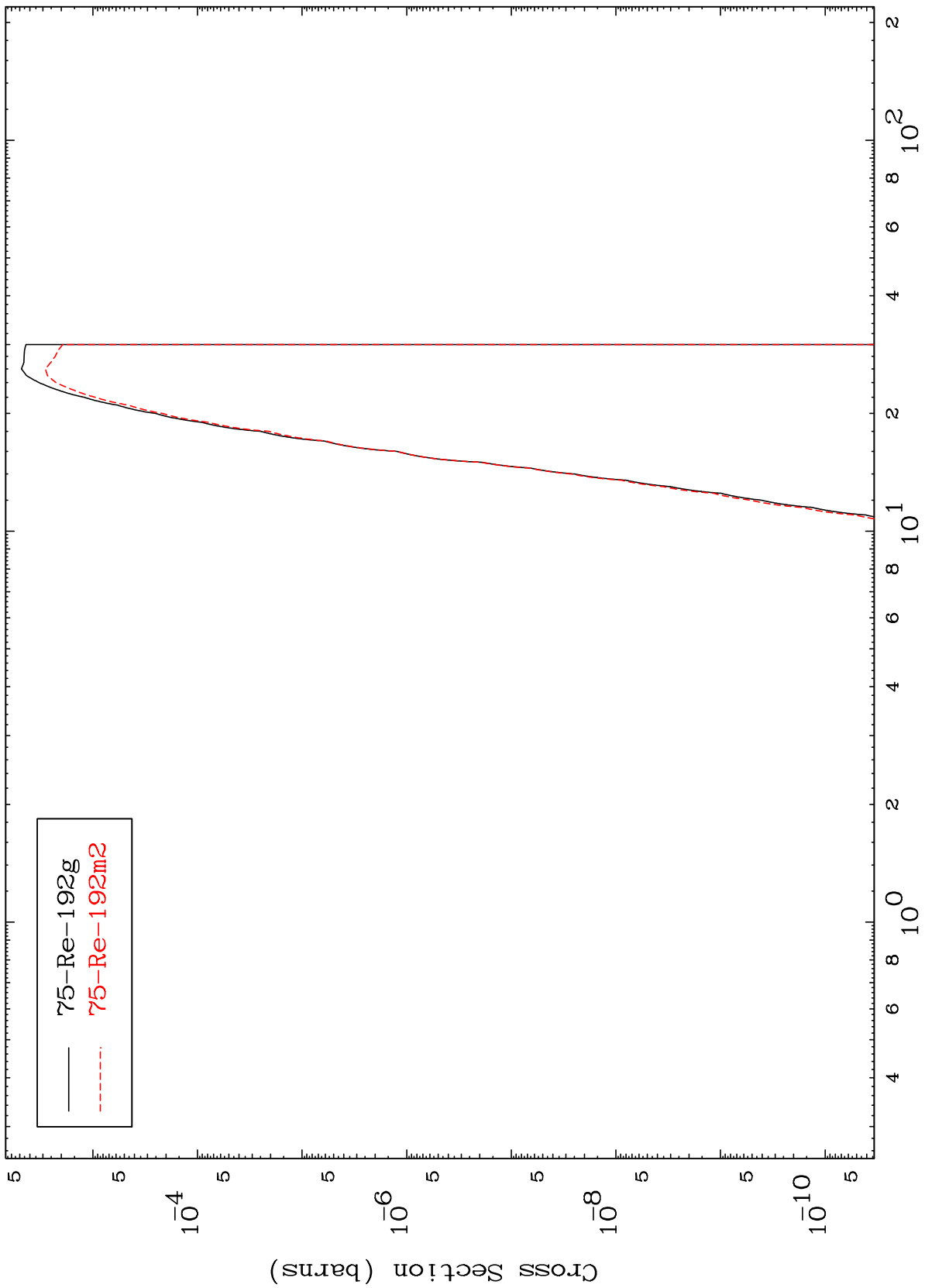


MAT 7740

(n, n') α

77-Ir-196

Radionuclide Production Cross Section

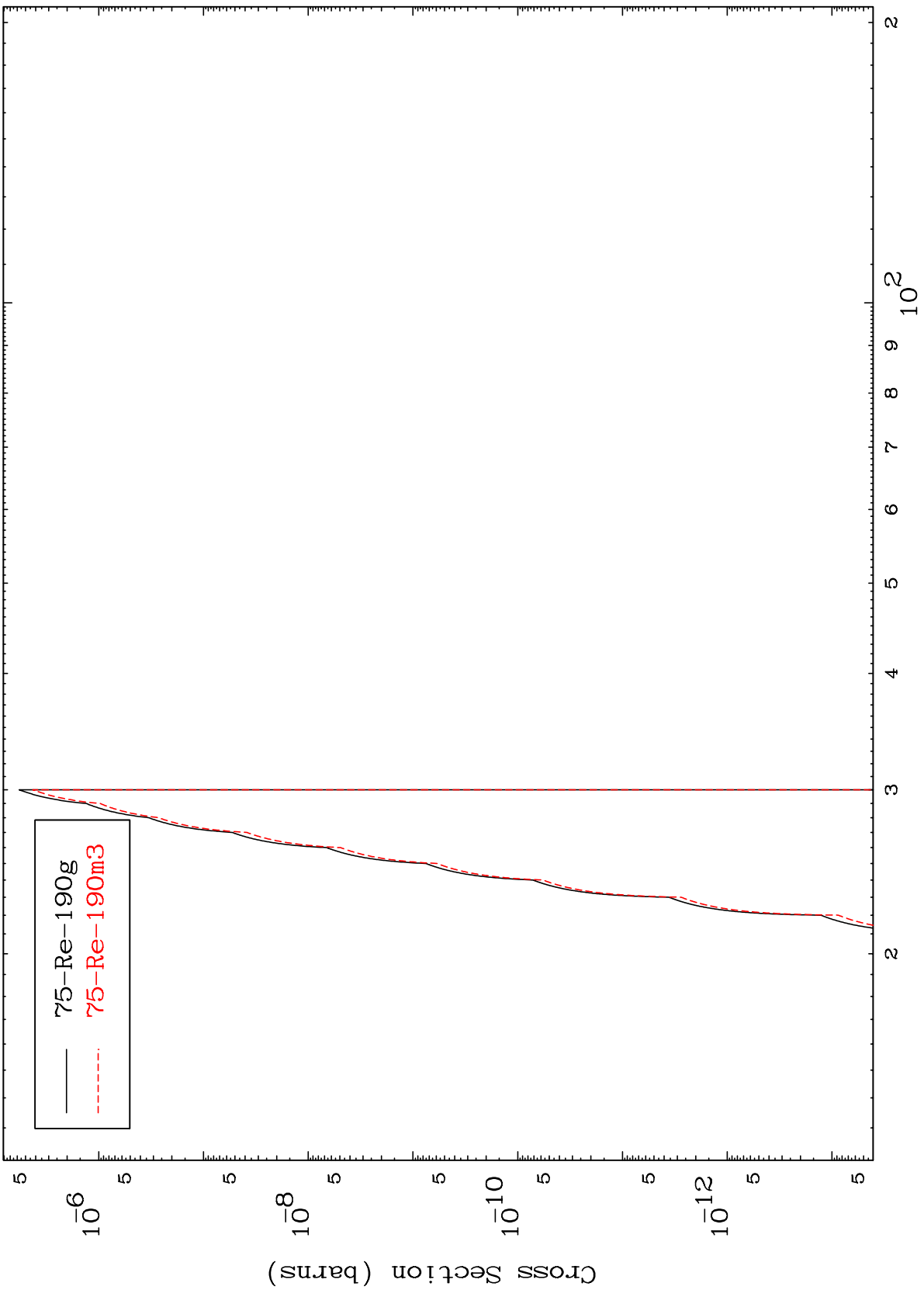


MAT 7740

$(n,3n) \alpha$

$^{77}\text{Ir-196}$

Radionuclide Production Cross Section



130

Incident Energy (MeV)

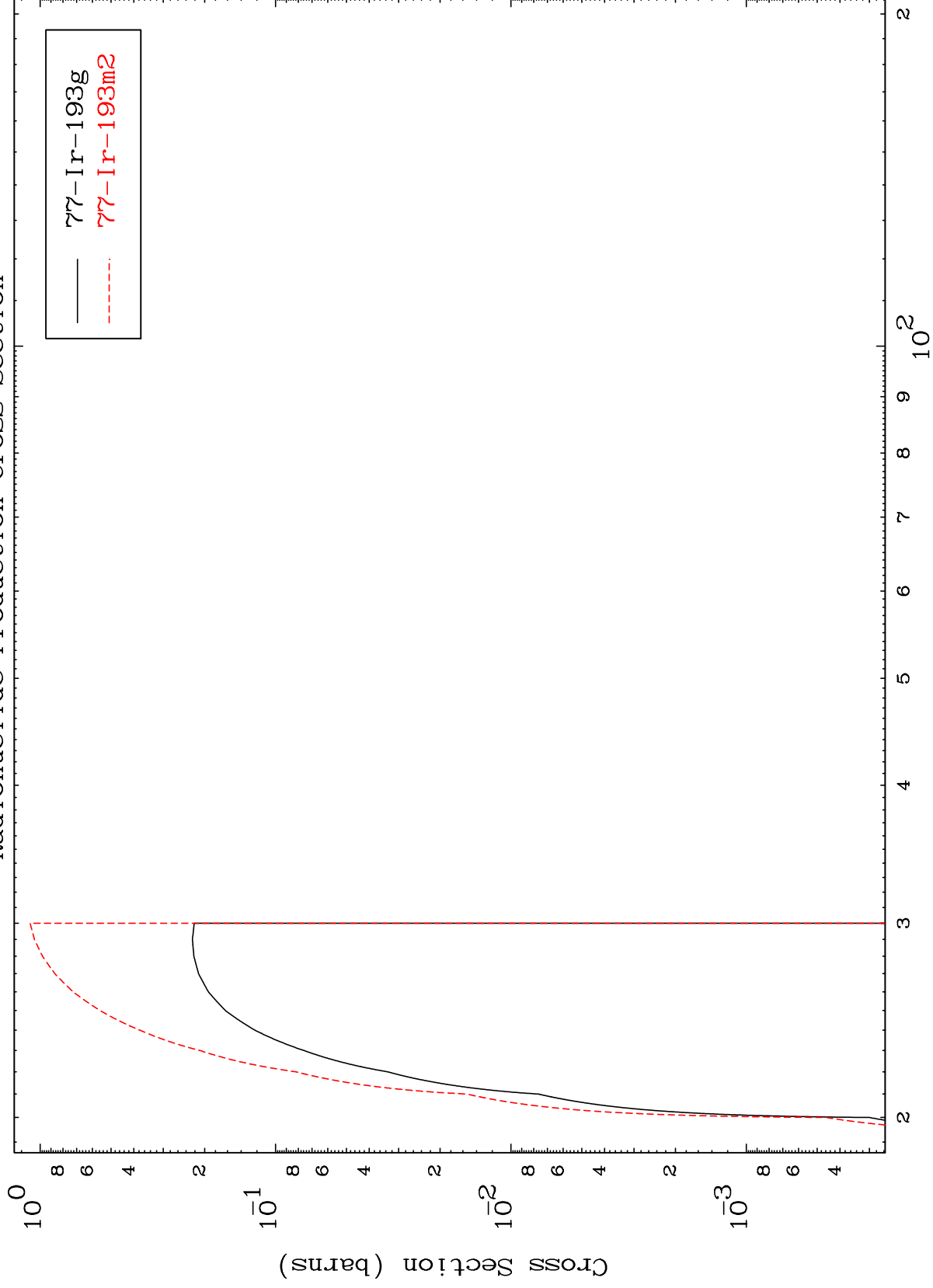
$^{77}\text{Ir-196}$

MAT 7740

(n,4n)

77-Ir-196

Radionuclide Production Cross Section



131

Incident Energy (MeV)

77-Ir-196

MAT 7740

⁷⁷Ir-196

