

Program EVALPLOT
(Version 2021-1)

by

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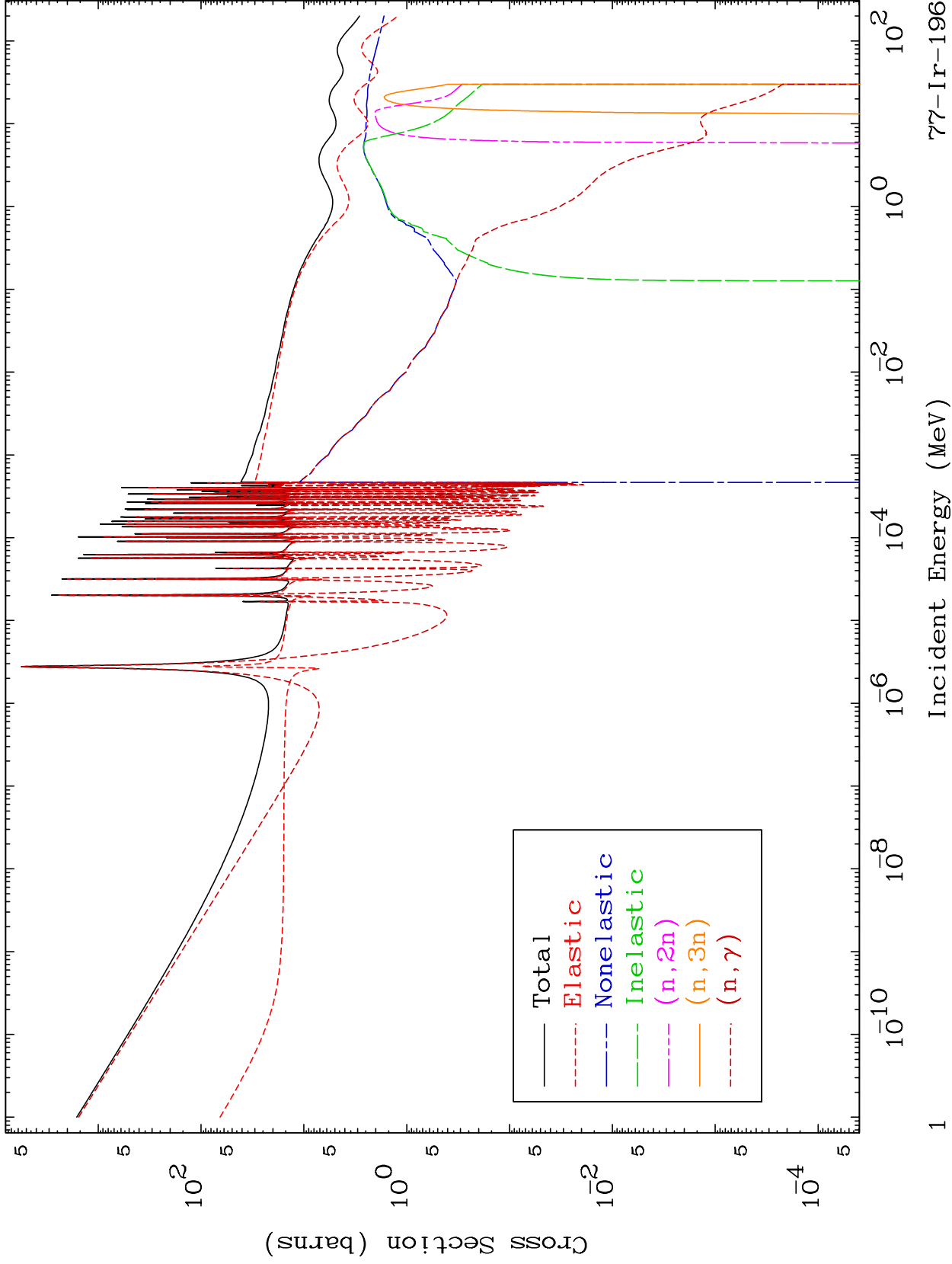
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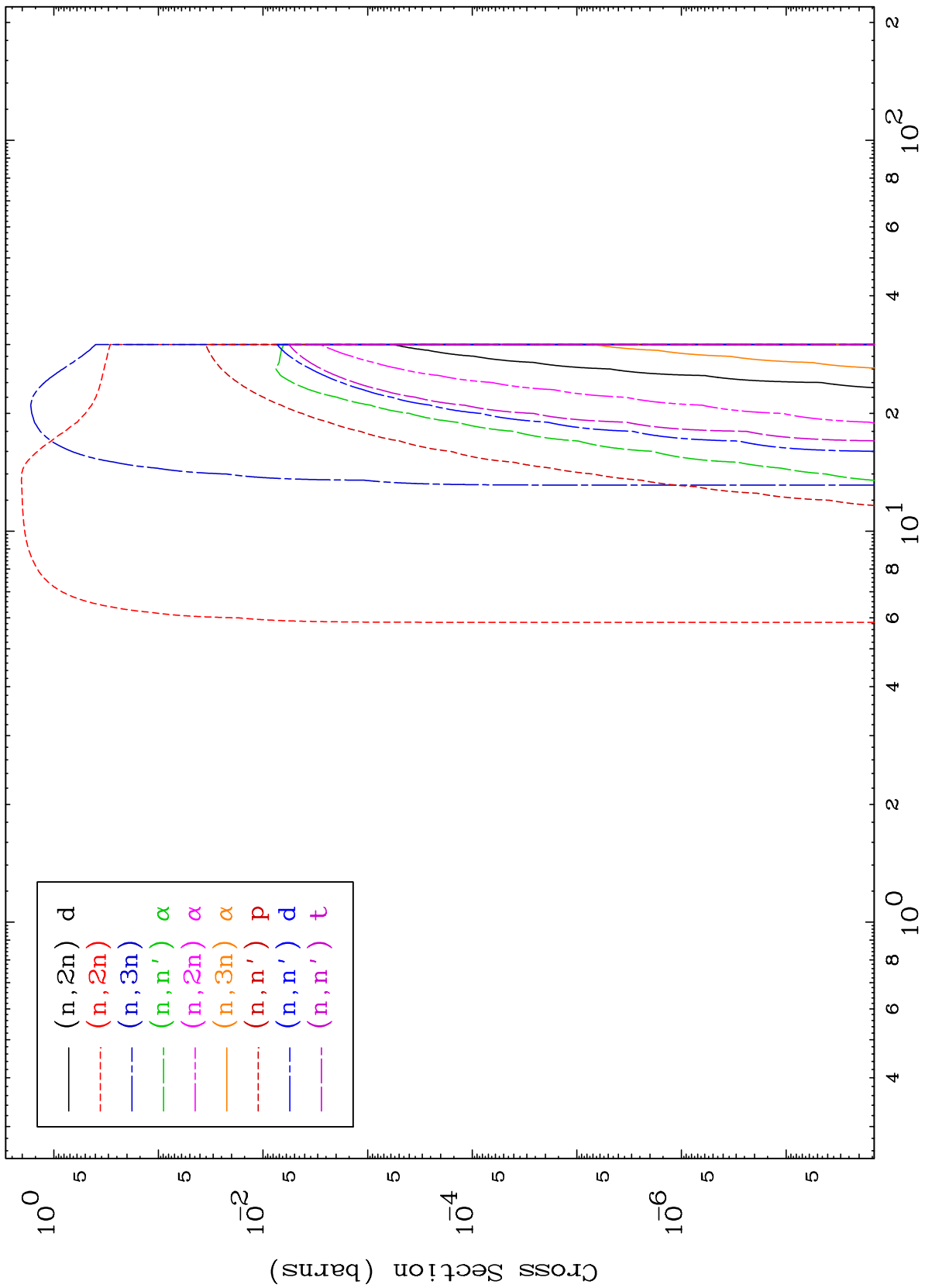
Press Mouse Button to Start

MAT 7740

Neutron Major
293 Kelvin Cross Sections

77-Ir-196

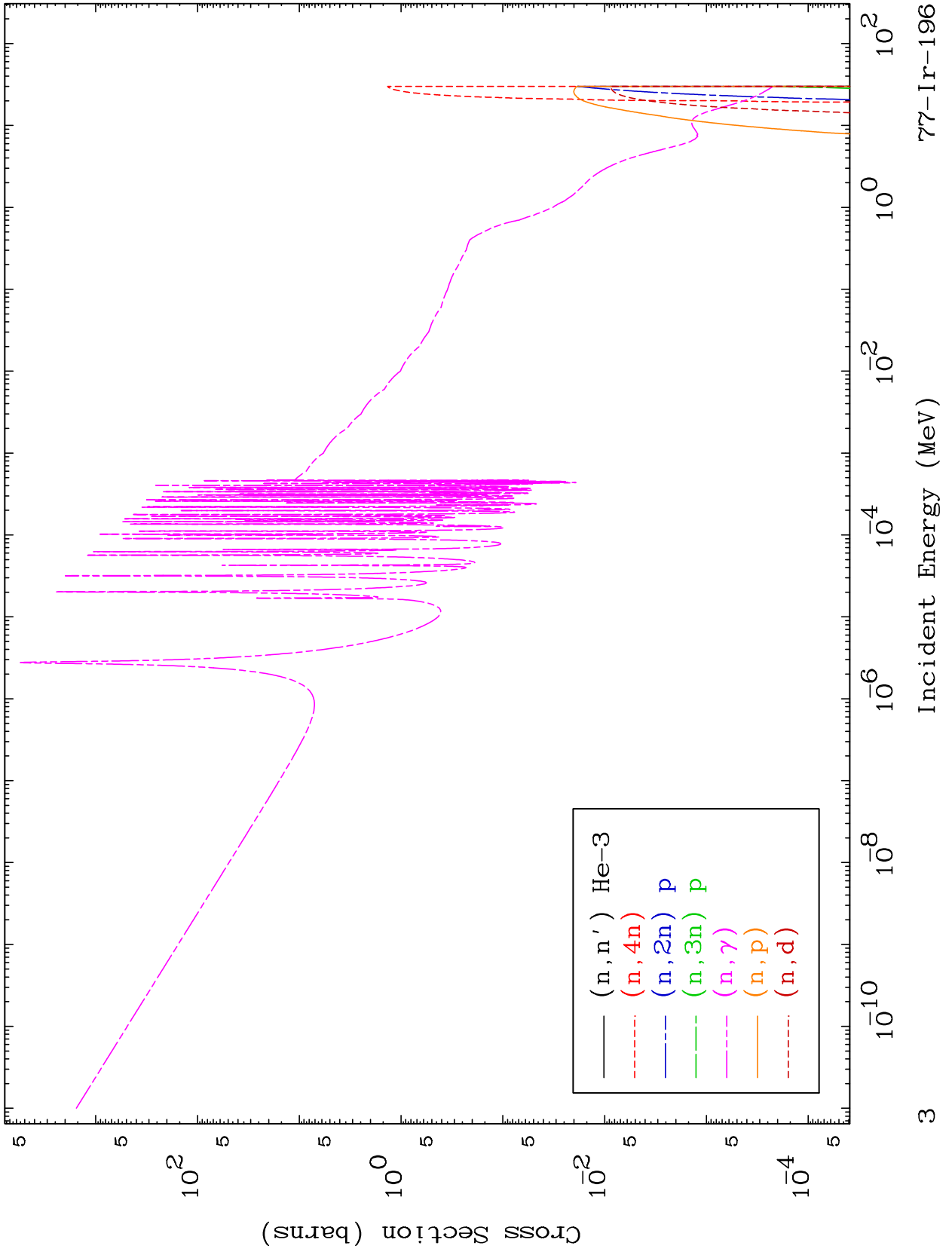




MAT 7740

Neutron Absorption
293 Kelvin Cross Sections

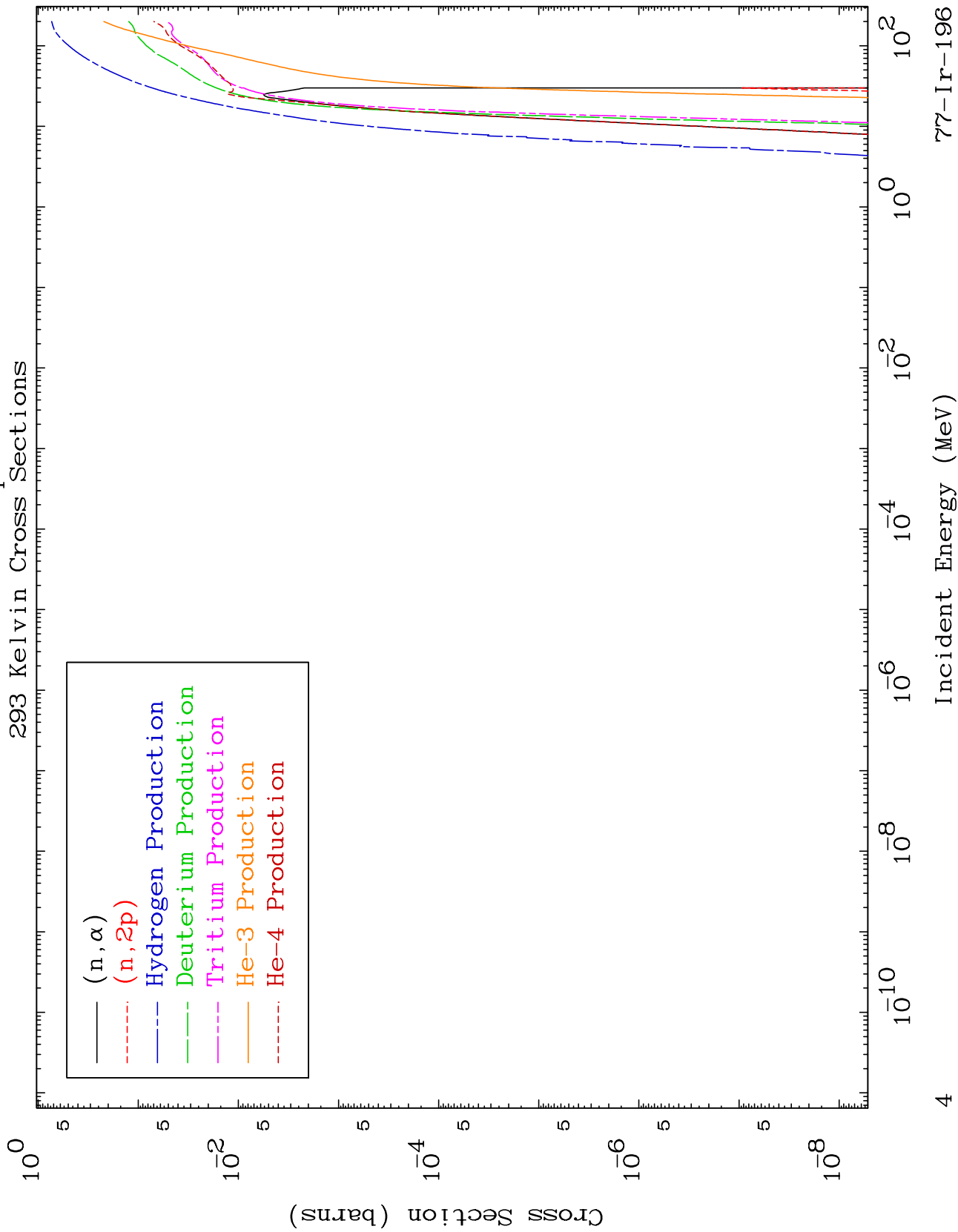
77-Ir-196

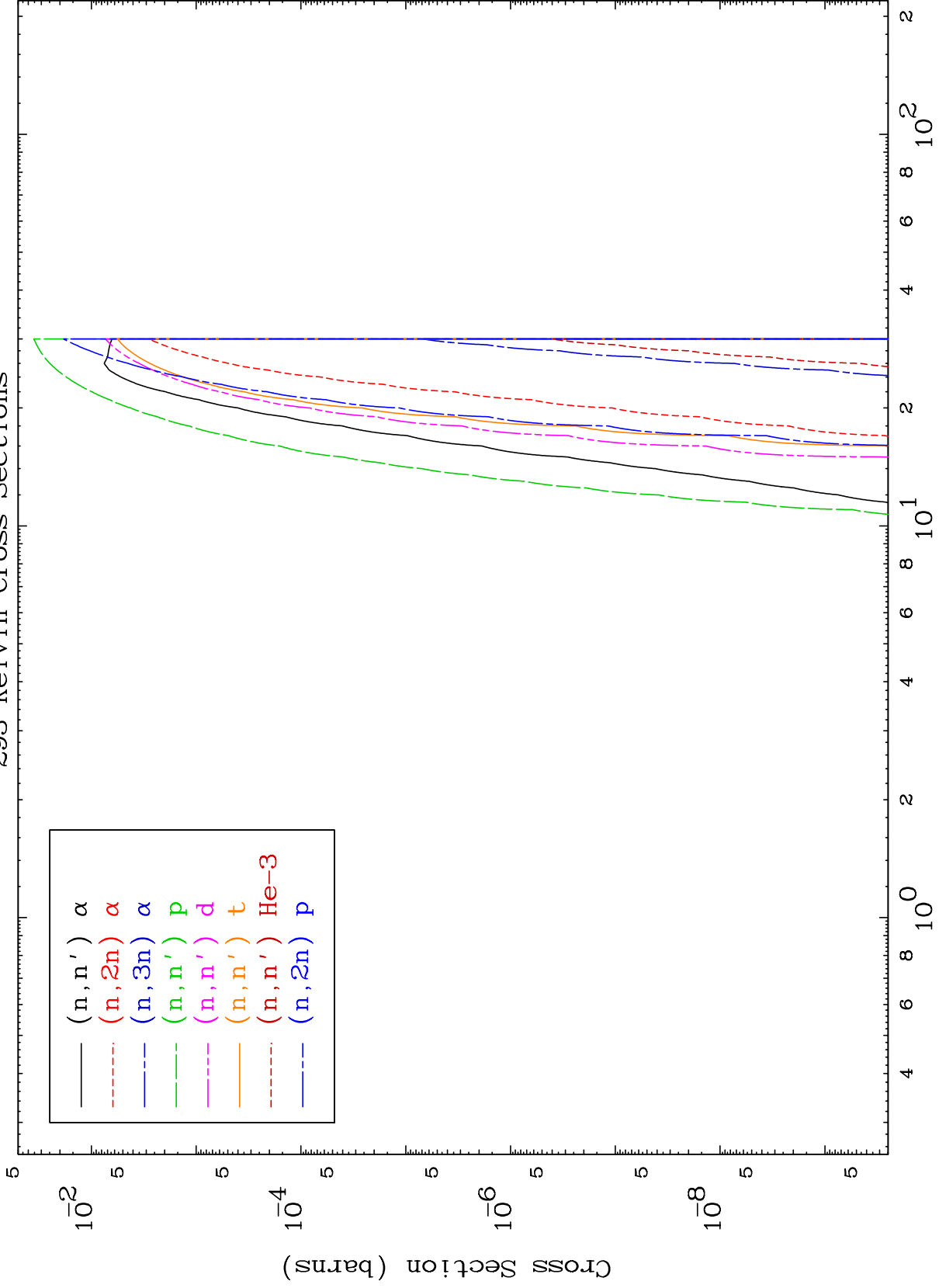


MAT 7740

Neutron Absorption
293 Kelvin Cross Sections

⁷⁷Ir-196

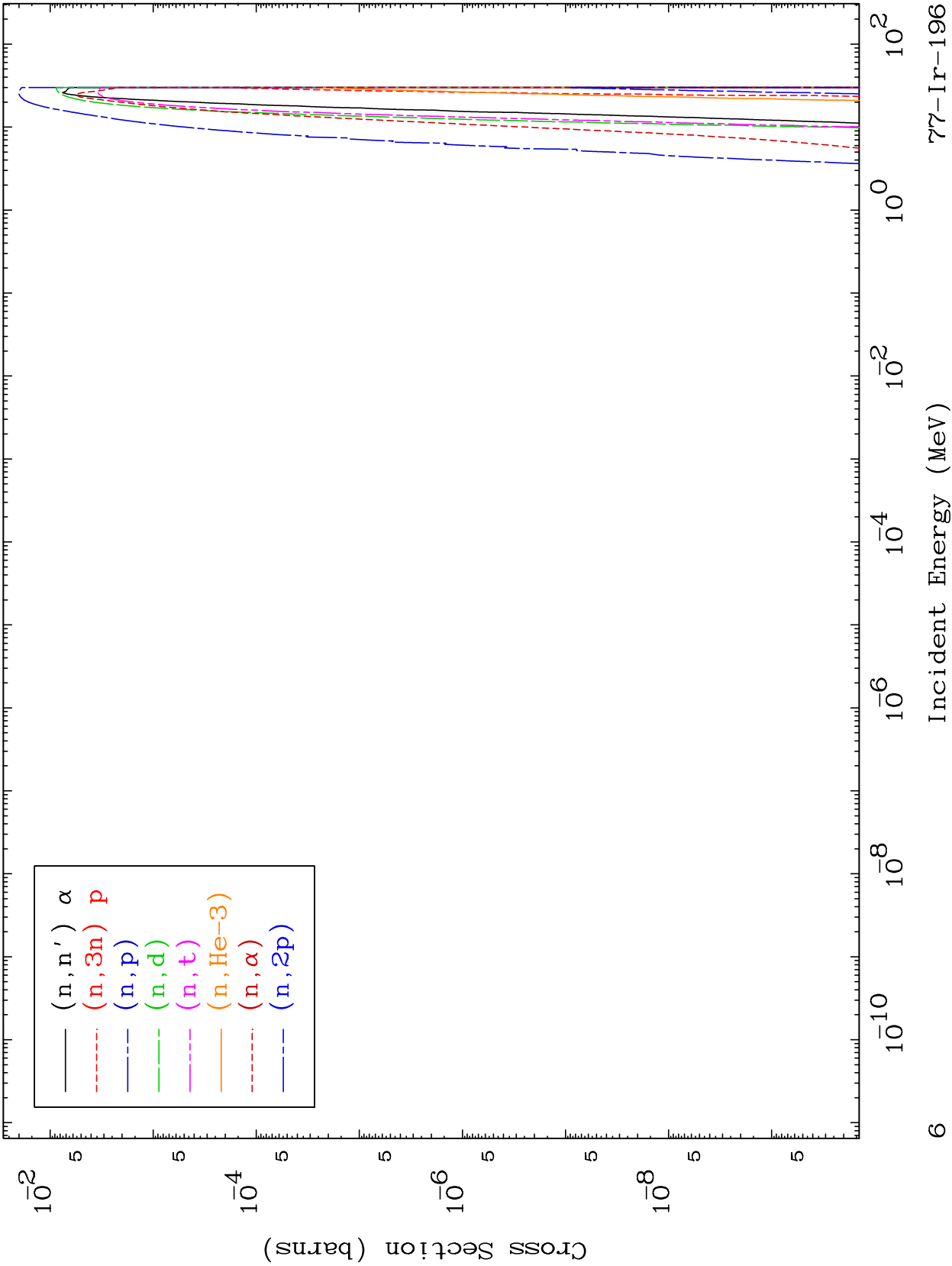




MAT 7740

Charged Particle
293 Kelvin Cross Sections

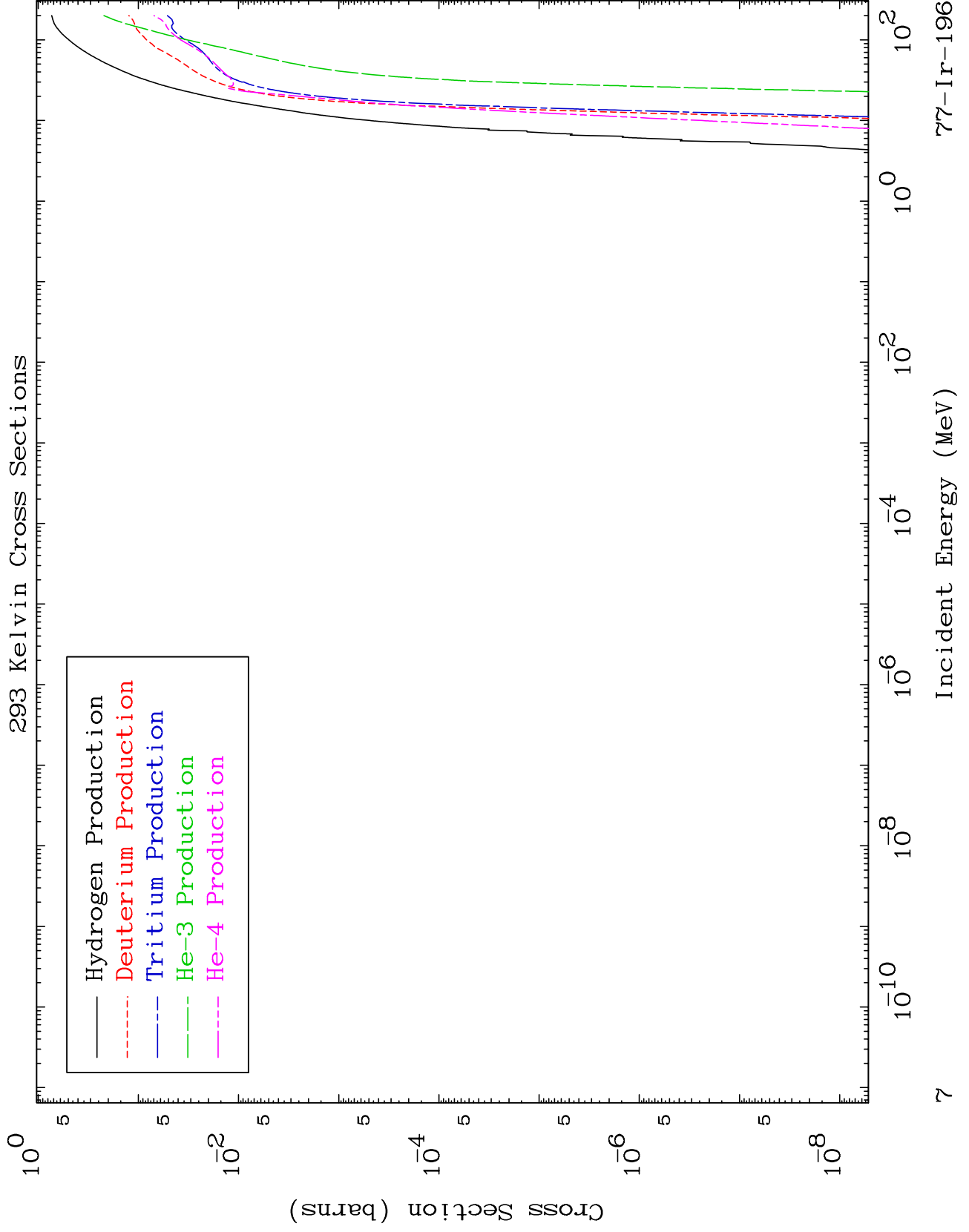
77-Ir-196

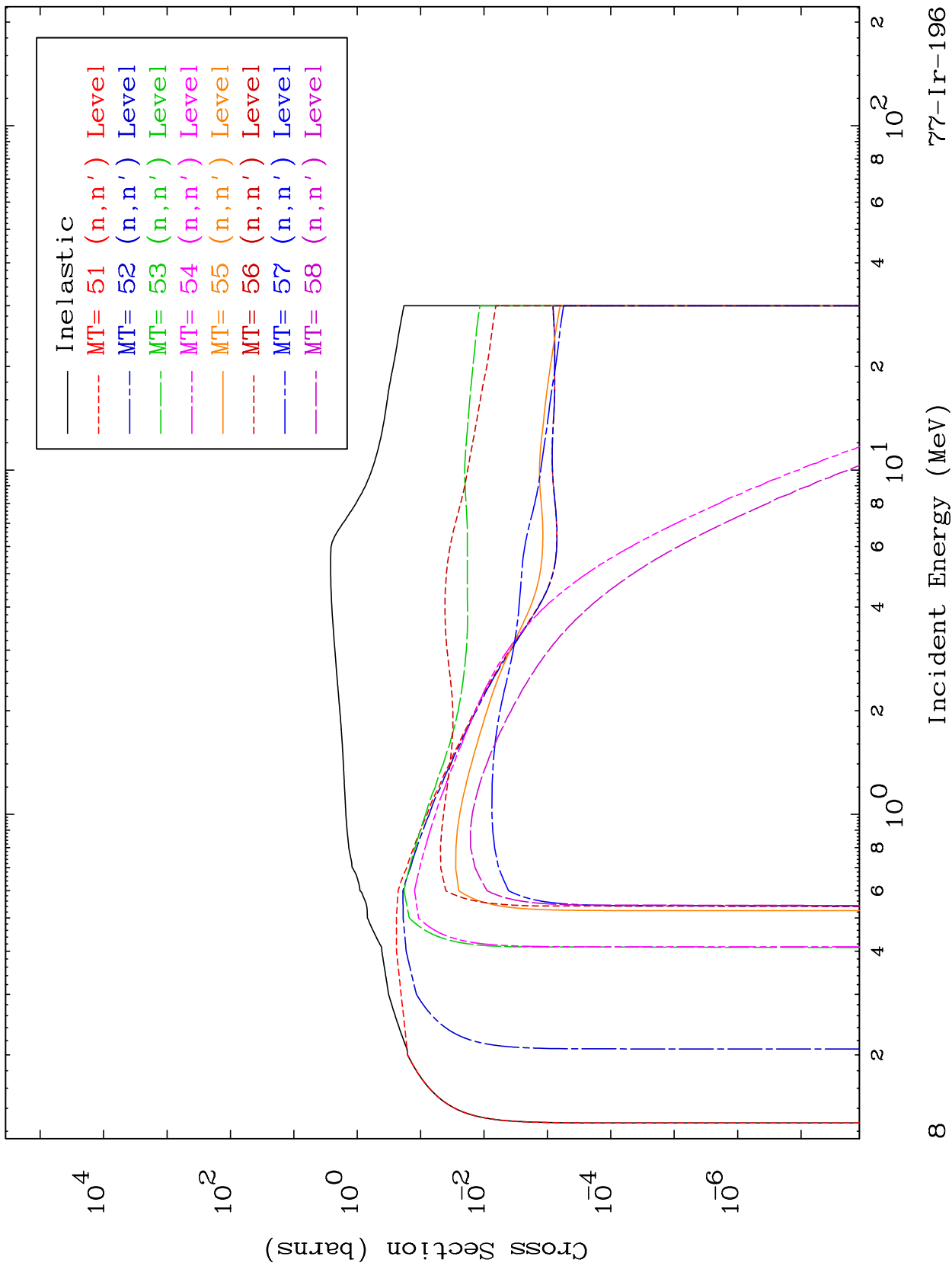


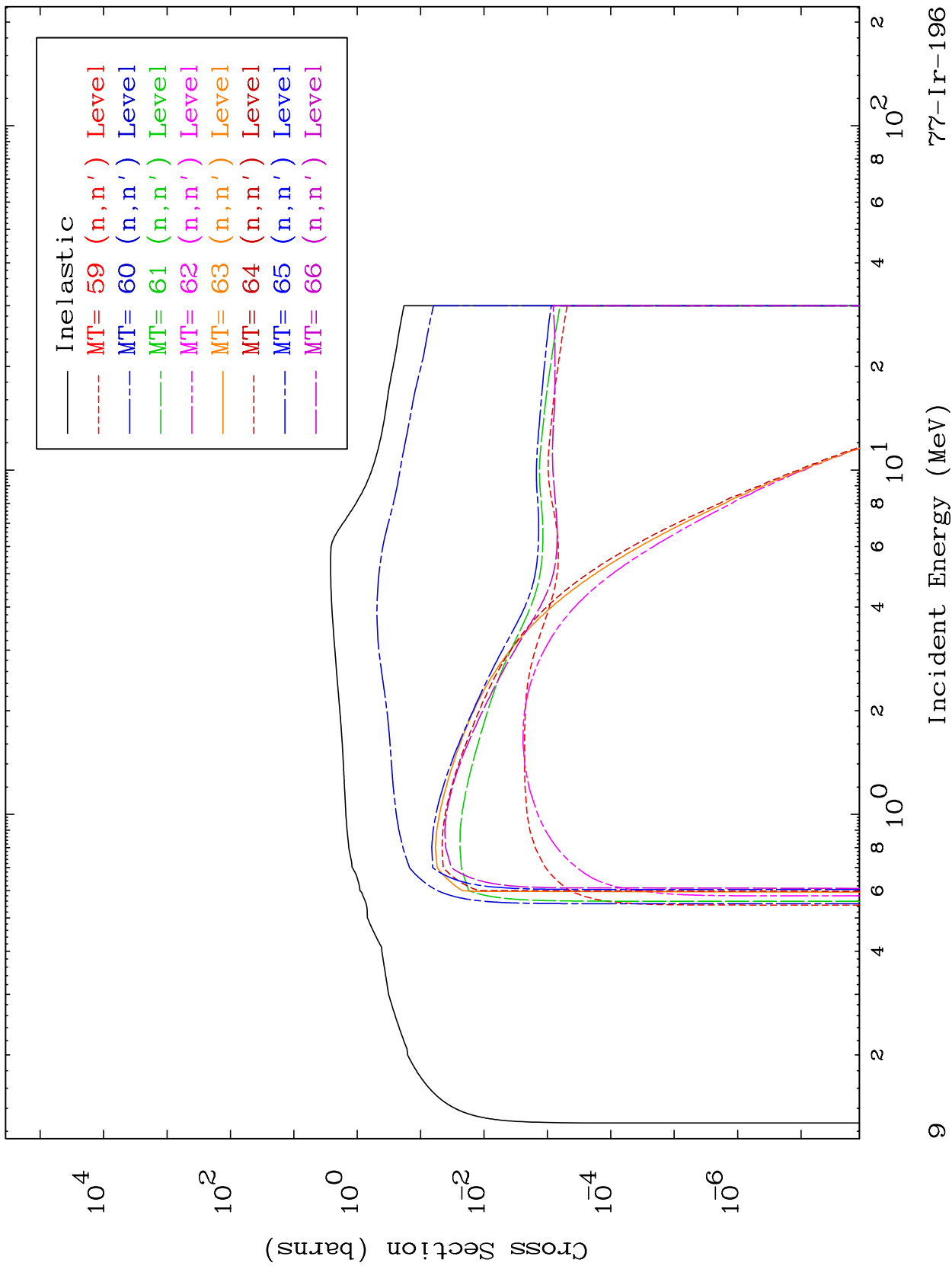
MAT 7740

Particle Production
293 Kelvin Cross Sections

77-Ir-196





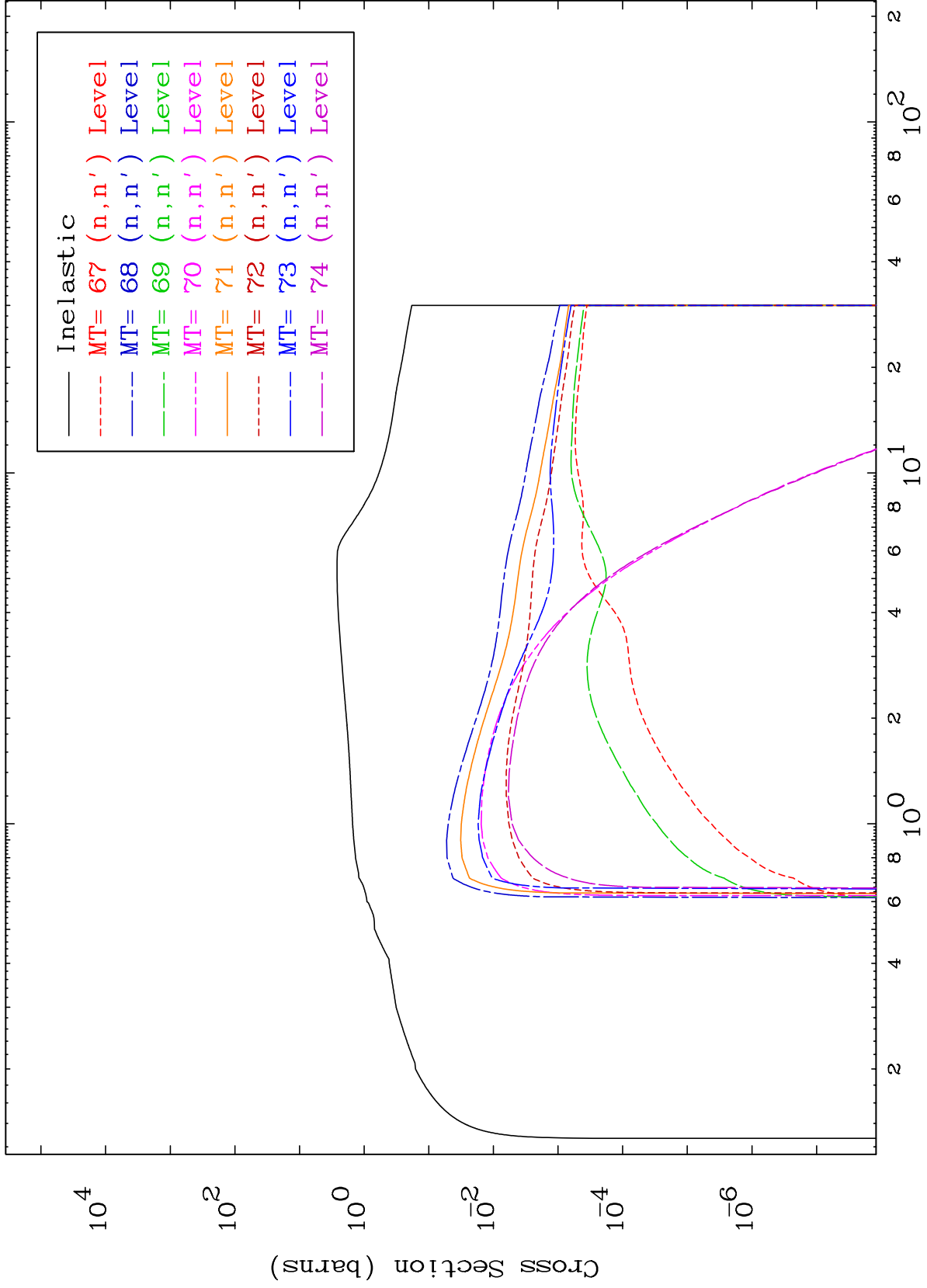


MAT 7740

(n,n') Levels

293 Kelvin Cross Sections

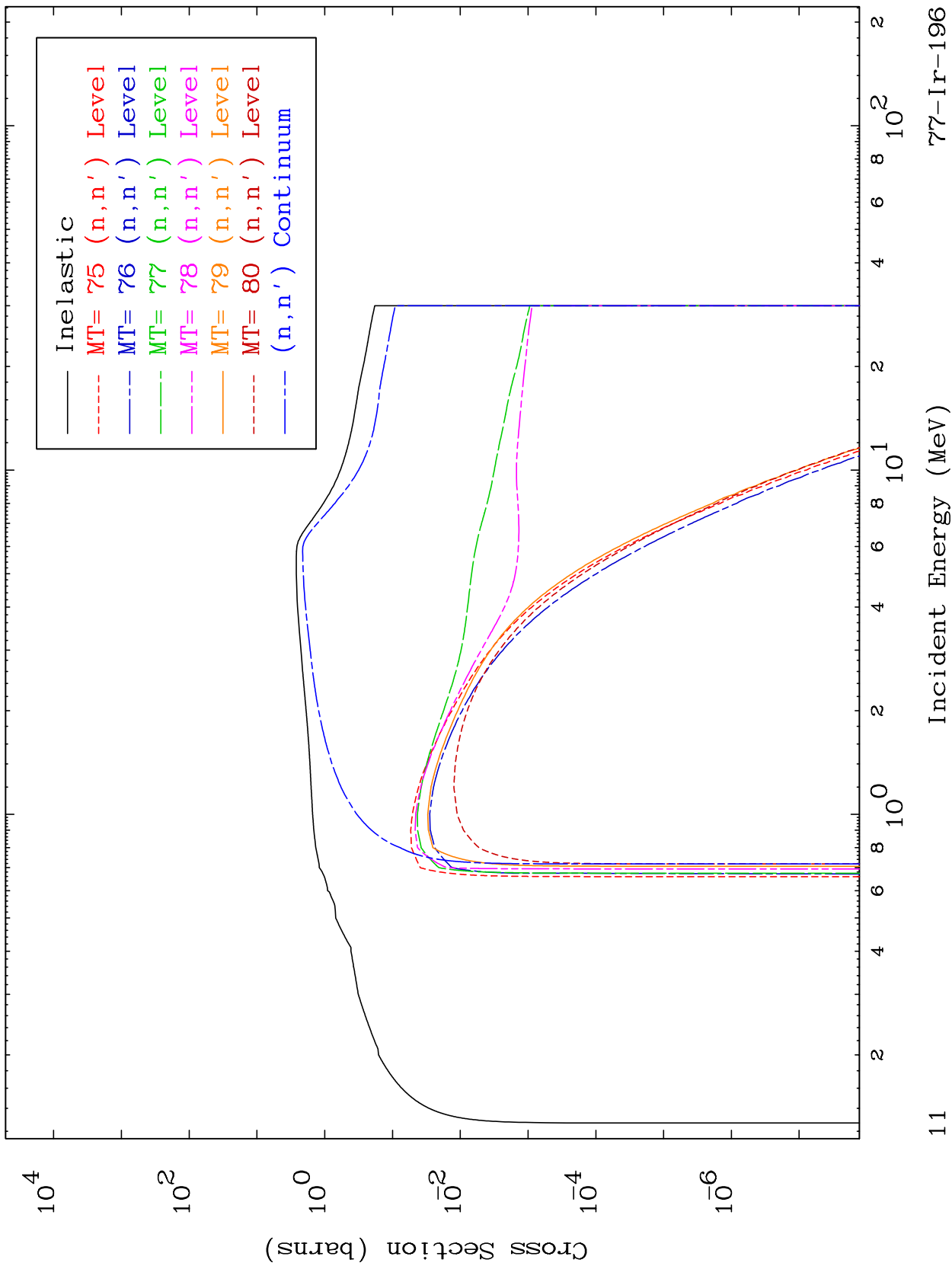
77-Ir-196



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Incident Energy (MeV)

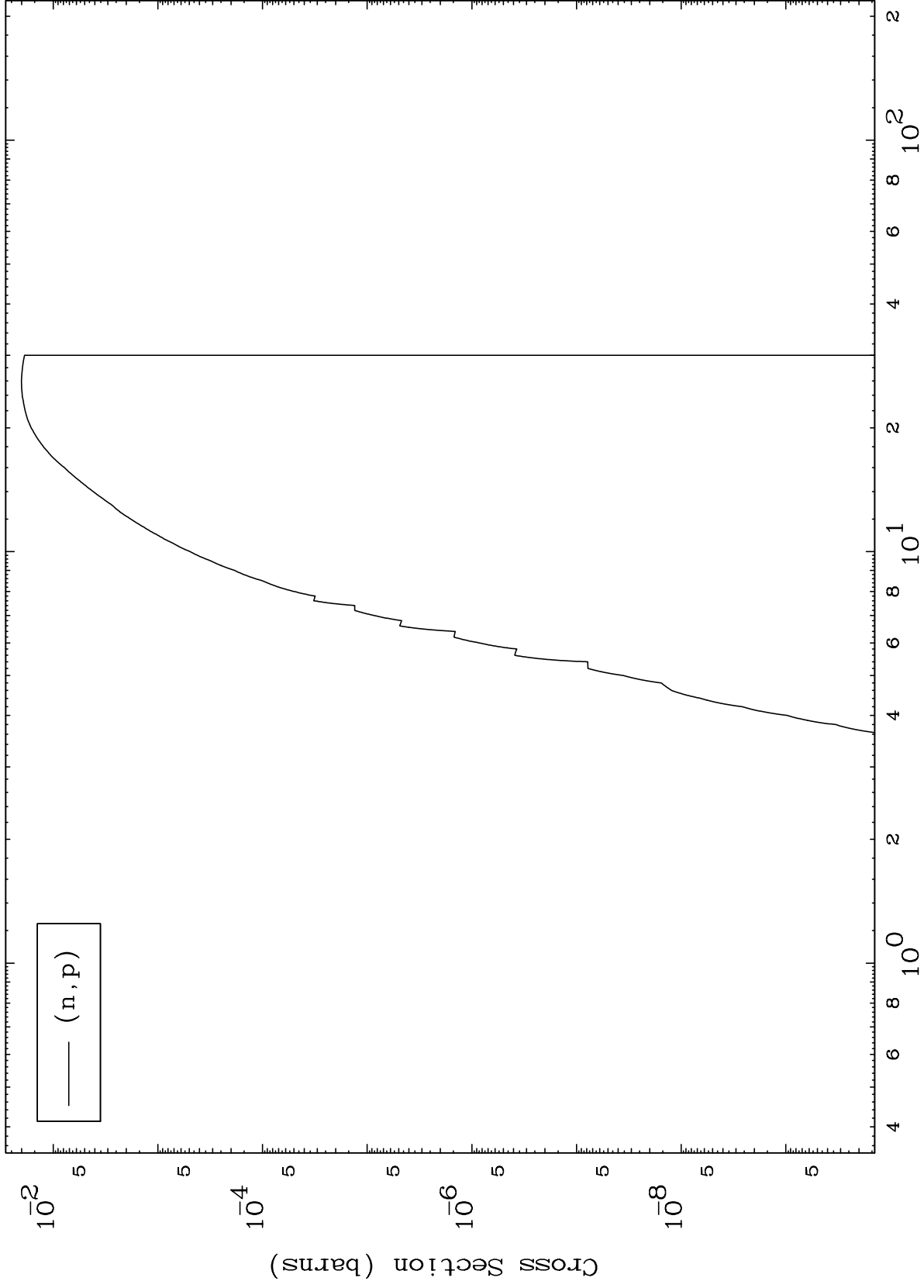
77-Ir-196



MAT 7740

(n,p) Levels
293 Kelvin Cross Sections

77-Ir-196



12

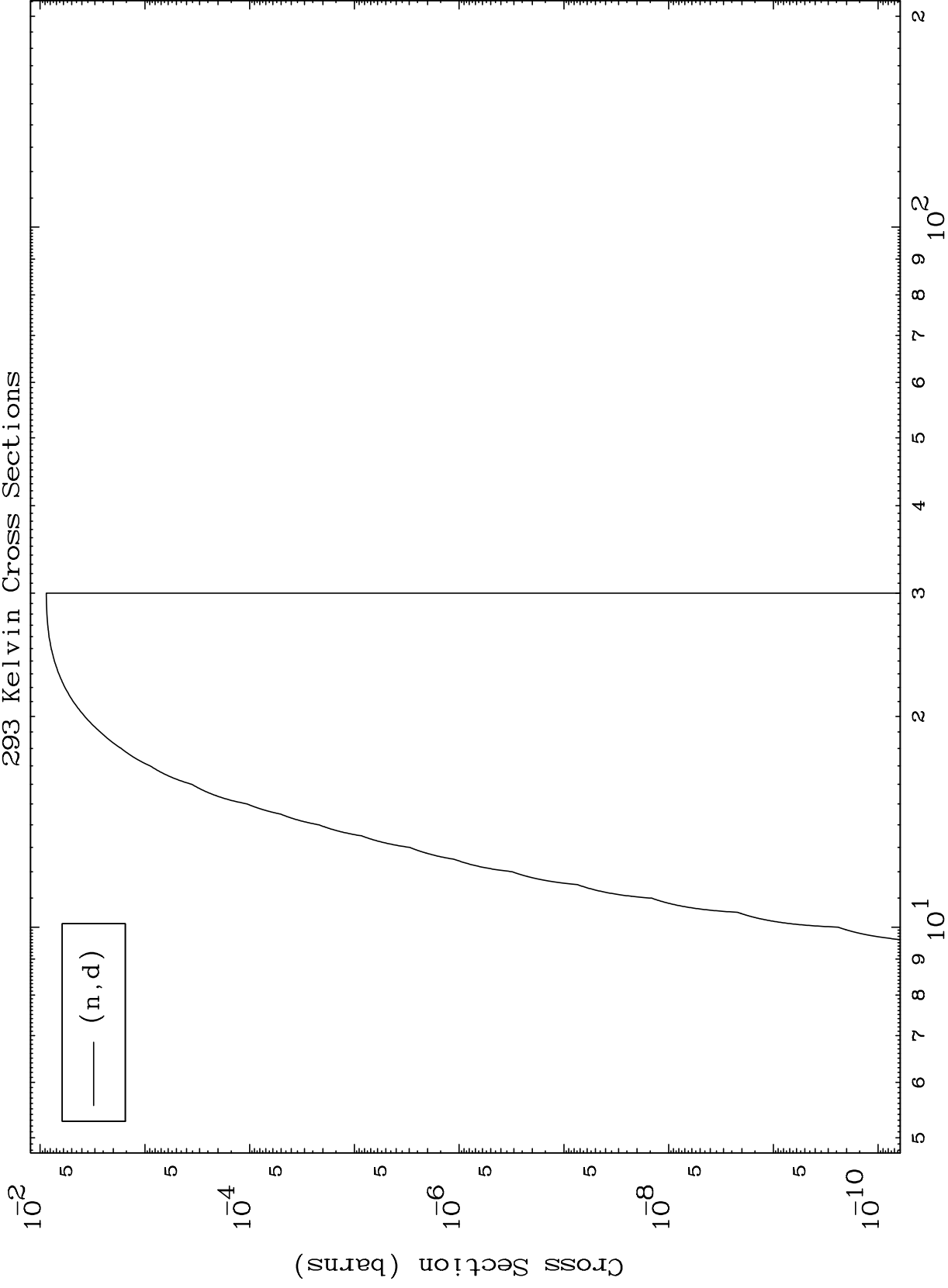
Incident Energy (MeV)

77-Ir-196

MAT 7740

(n,d) Levels
293 Kelvin Cross Sections

77-Ir-196



13

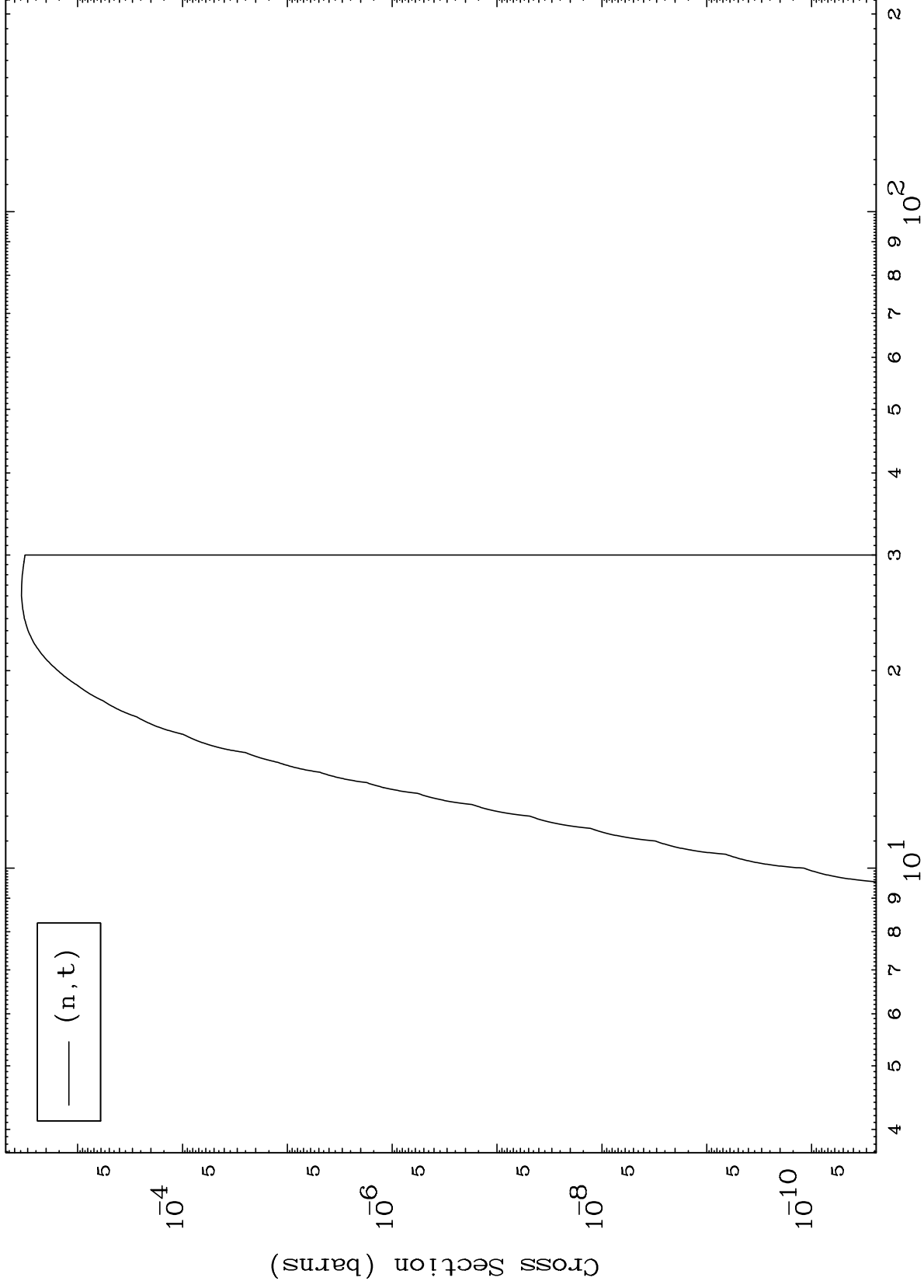
Incident Energy (MeV)

77-Ir-196

MAT 7740

(n,t) Levels
293 Kelvin Cross Sections

77-Ir-196



14

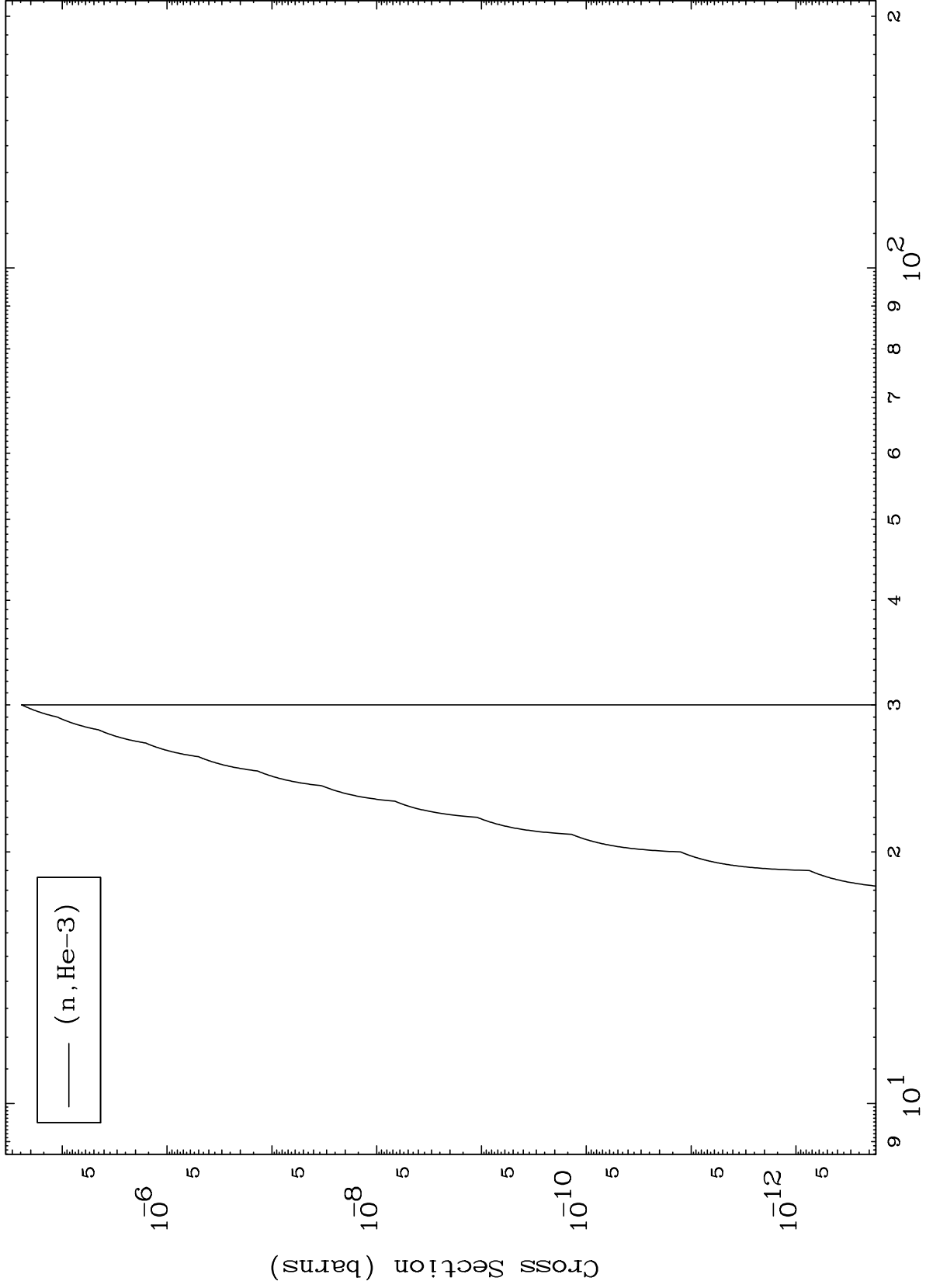
Incident Energy (MeV)

77-Ir-196

MAT 7740

(n,He3) Levels
293 Kelvin Cross Sections

77-Ir-196



15

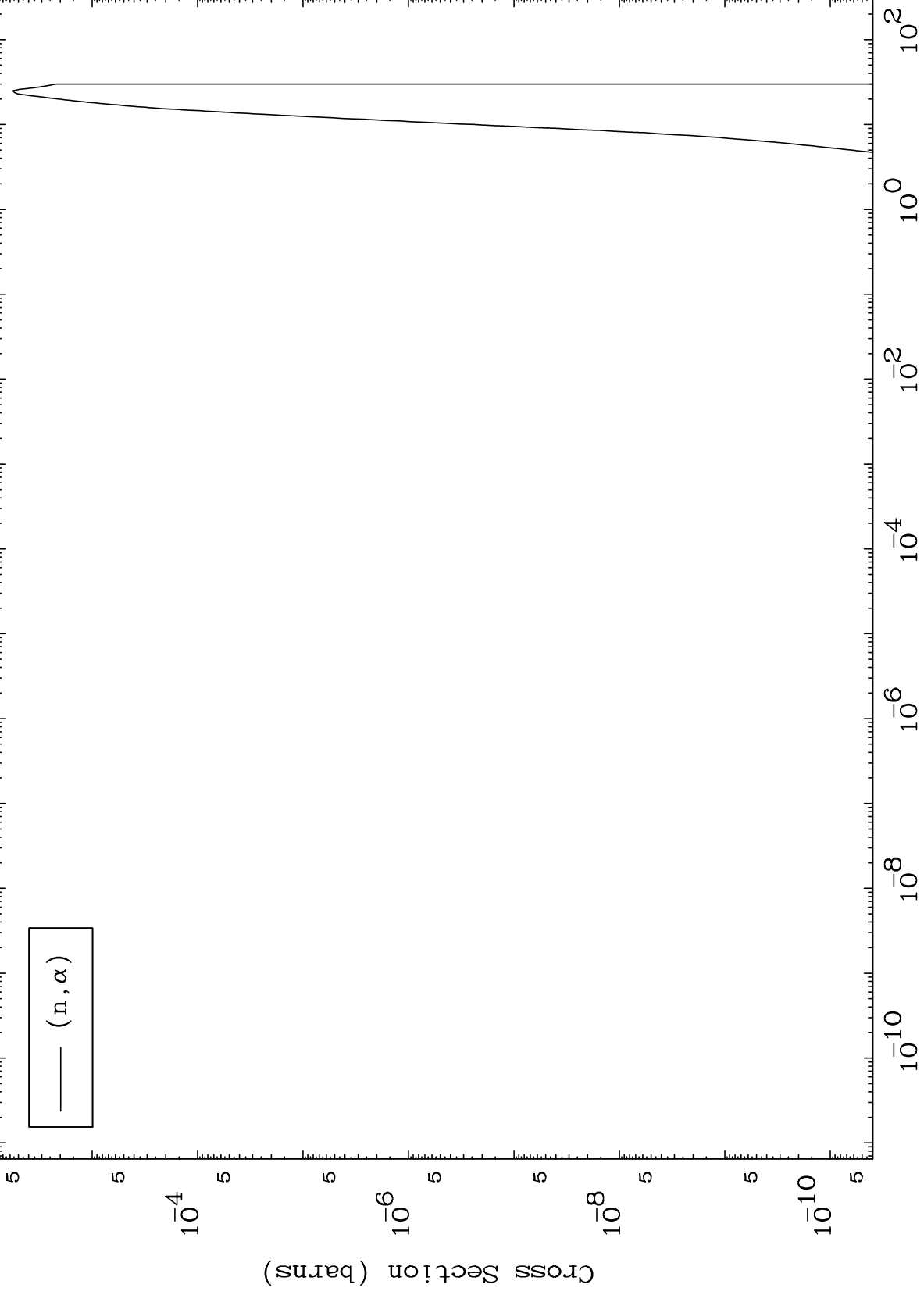
Incident Energy (MeV)

77-Ir-196

MAT 7740

(n, α) Levels
293 Kelvin Cross Sections

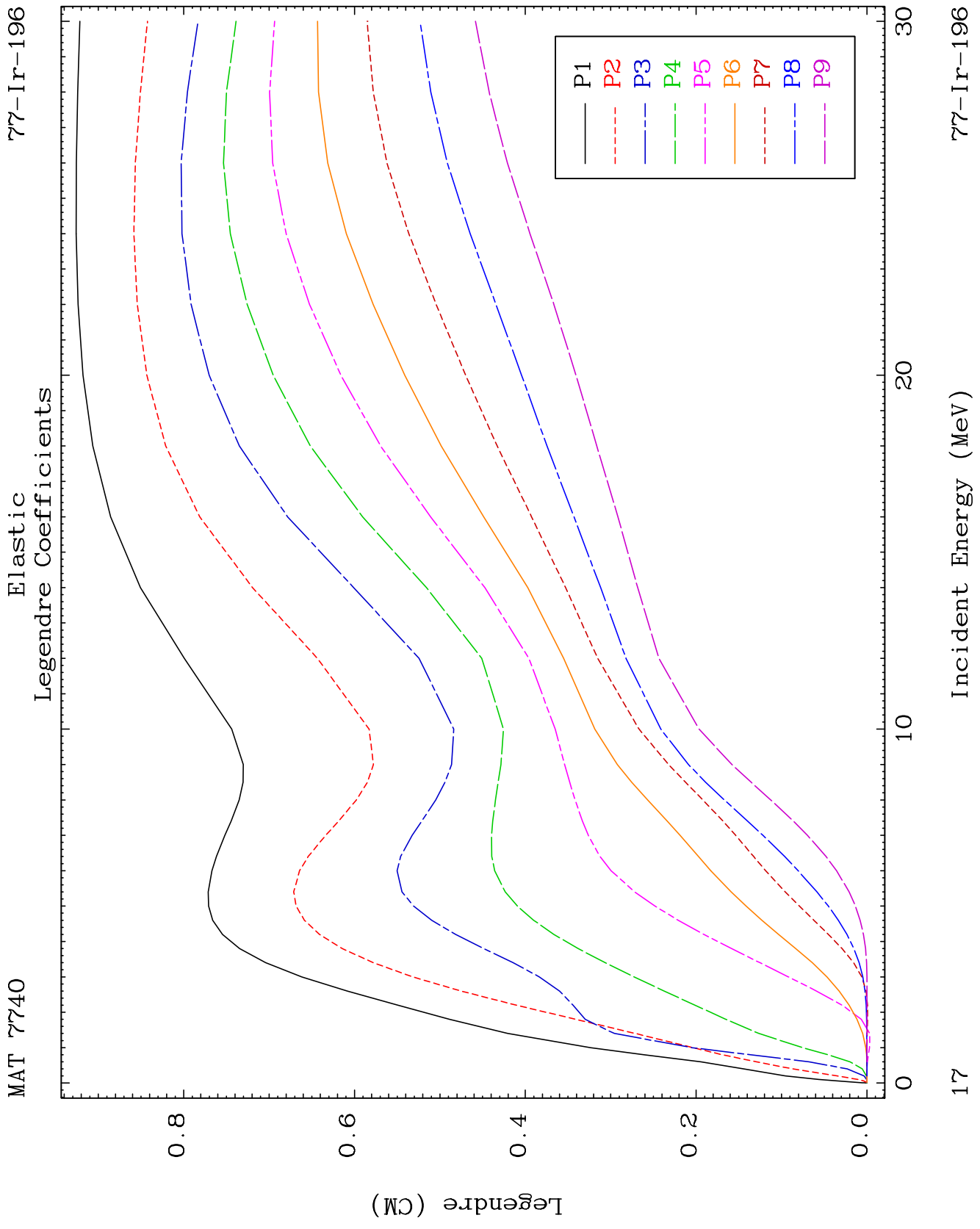
77-Ir-196



16

Incident Energy (MeV)

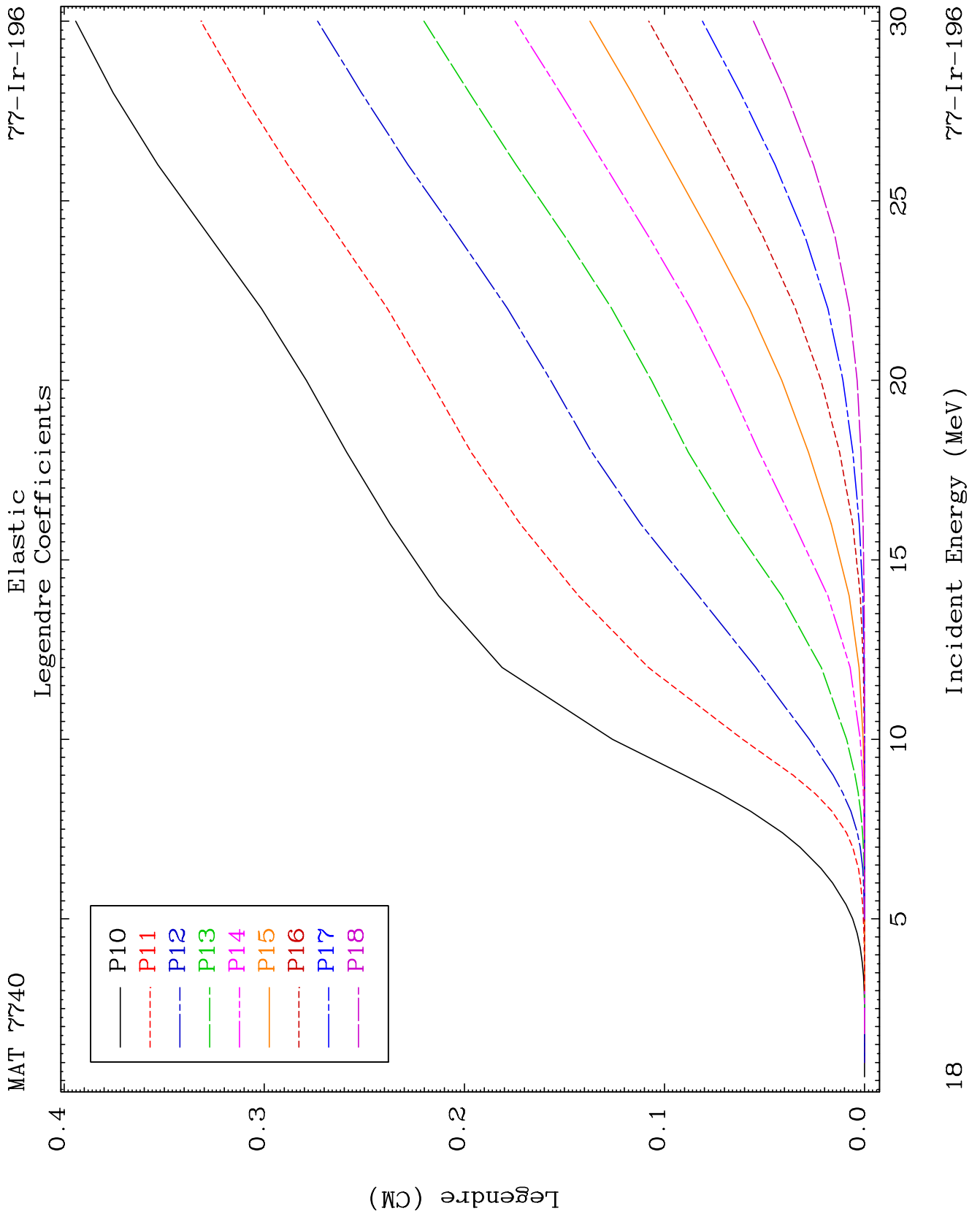
77-Ir-196



77-Ir-196

Incident Energy (MeV)

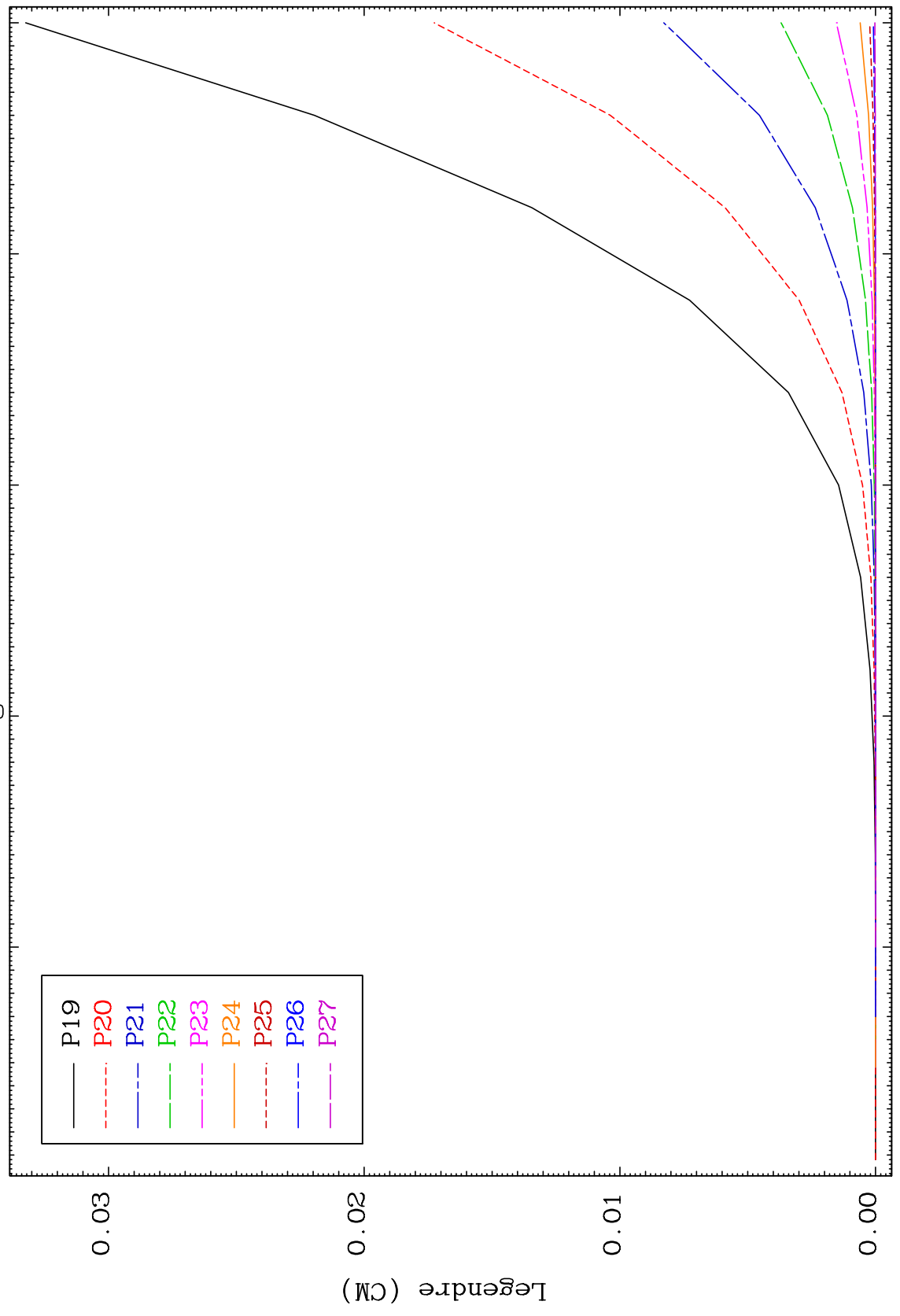
17



MAT 7740

Elastic Legendre Coefficients

77-Ir-196



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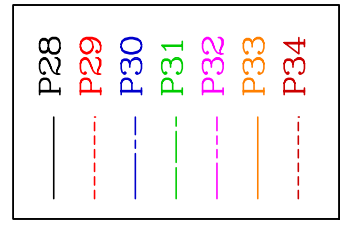
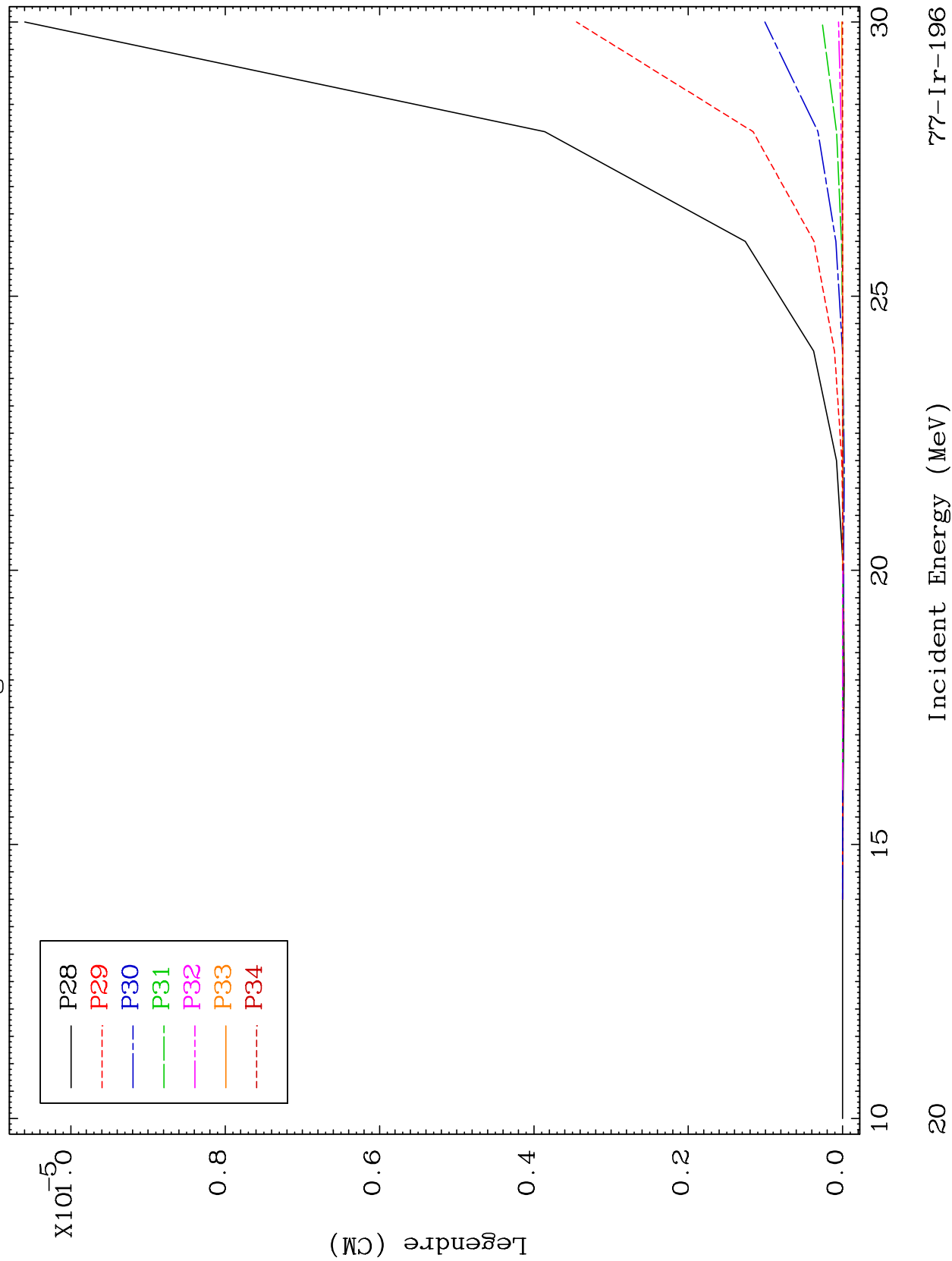
Incident Energy (MeV)

77-Ir-196

MAT 7740

Elastic
Legendre Coefficients

77-Ir-196



77-Ir-196

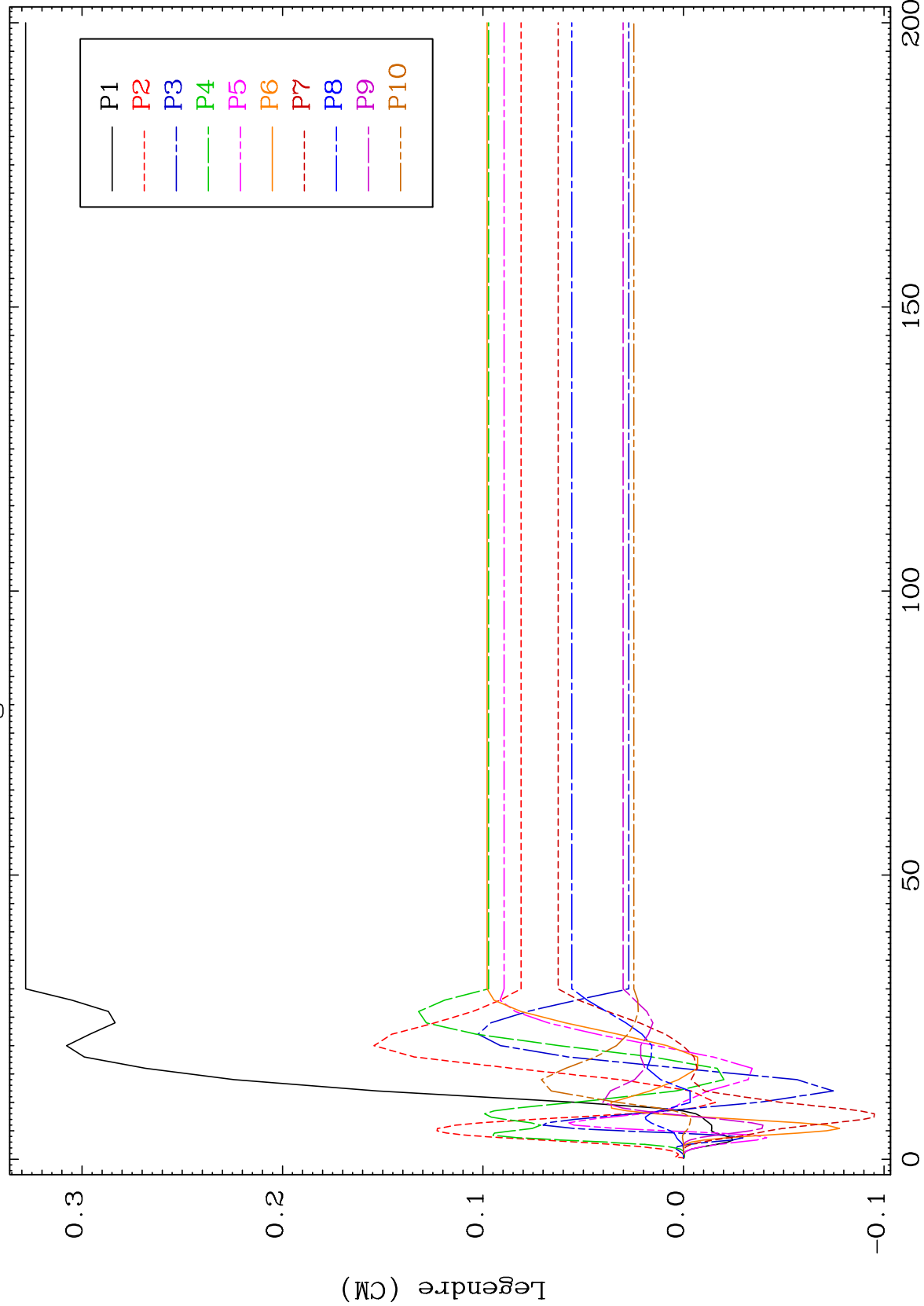
Incident Energy (MeV)

20

MAT 7740

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

77-Ir-196



77-Ir-196

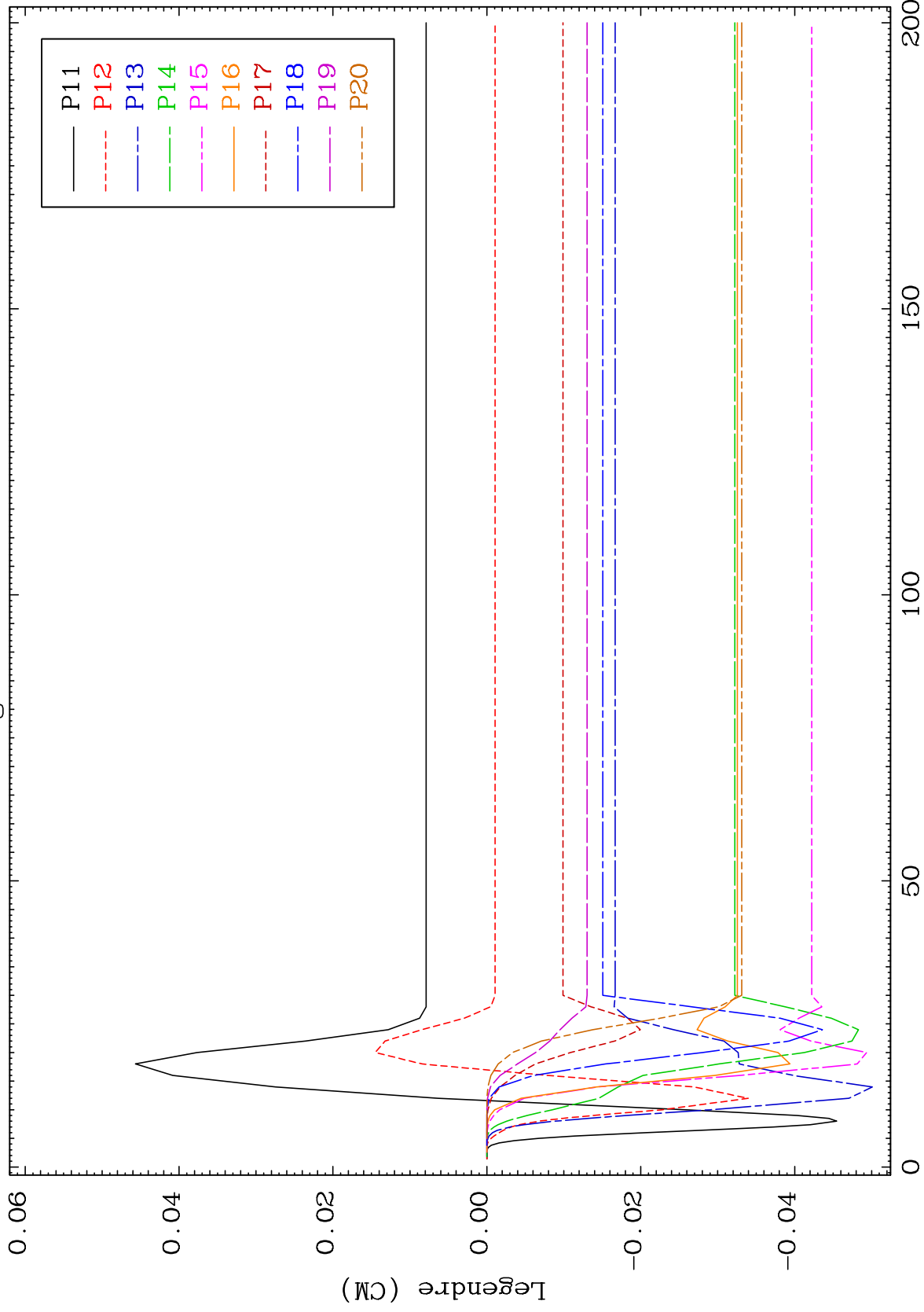
Incident Energy (MeV)

21

MAT 7740

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

77-Ir-196



22

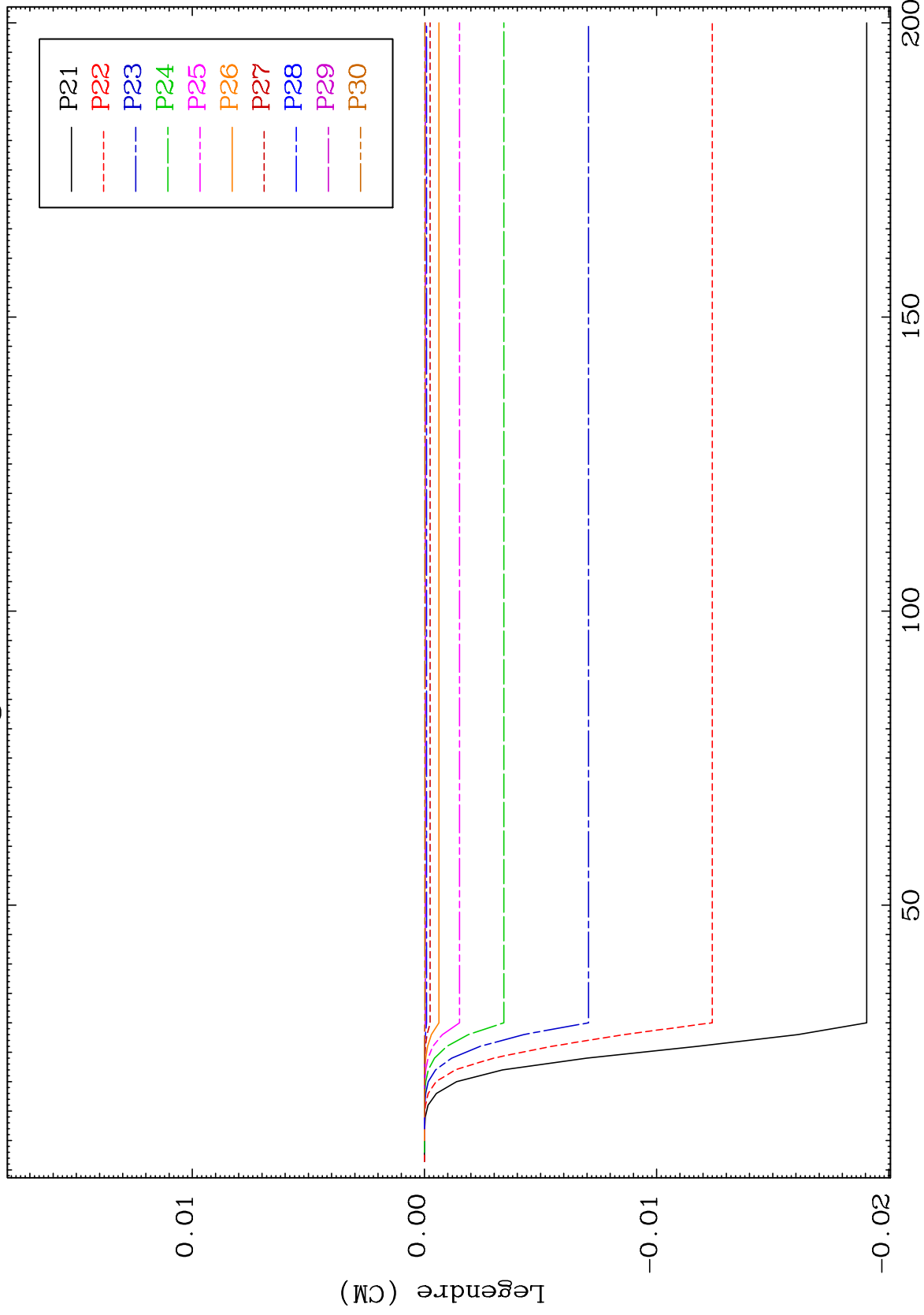
Incident Energy (MeV)

77-Ir-196

MAT 7740

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

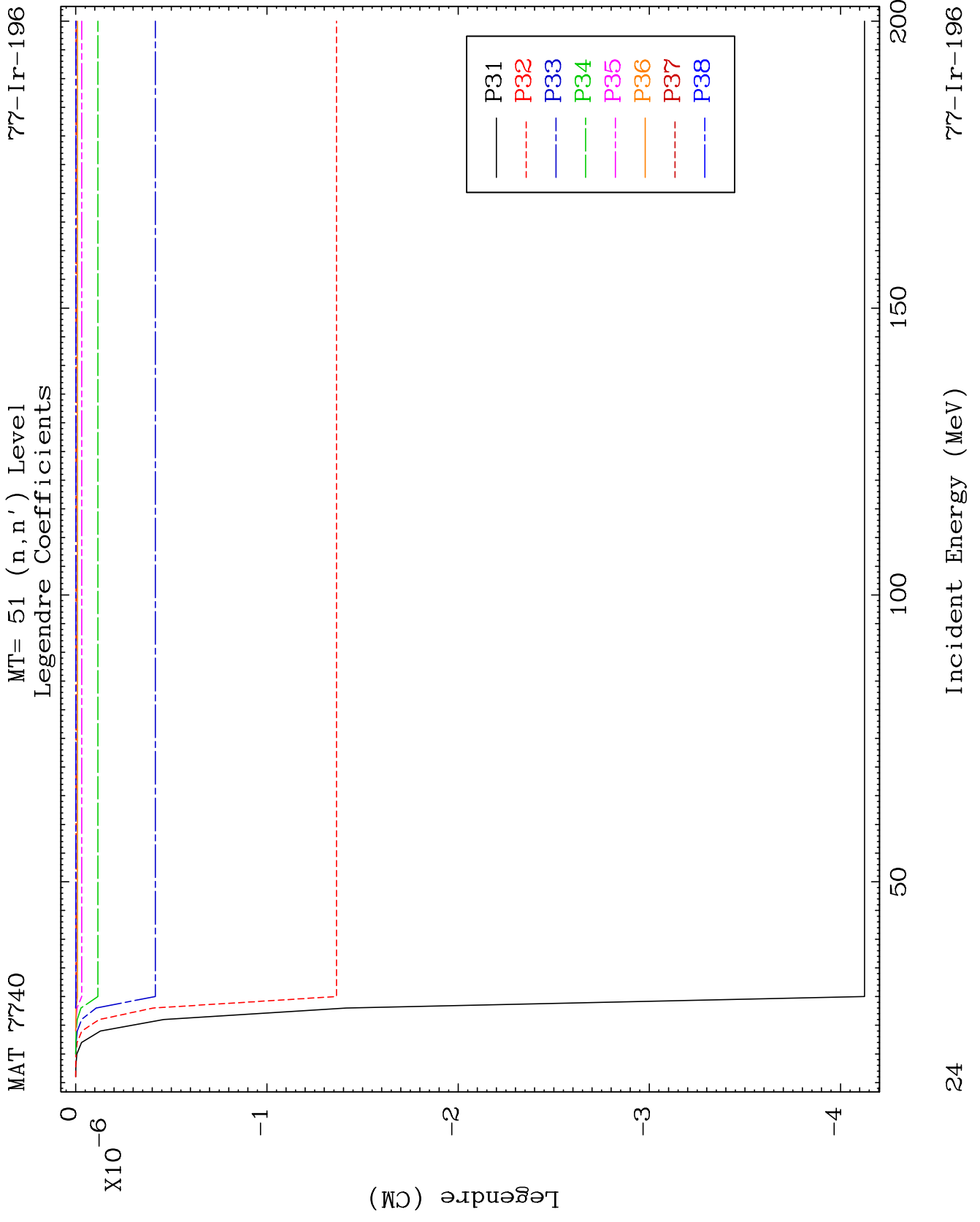
77-Ir-196



23

Incident Energy (MeV)

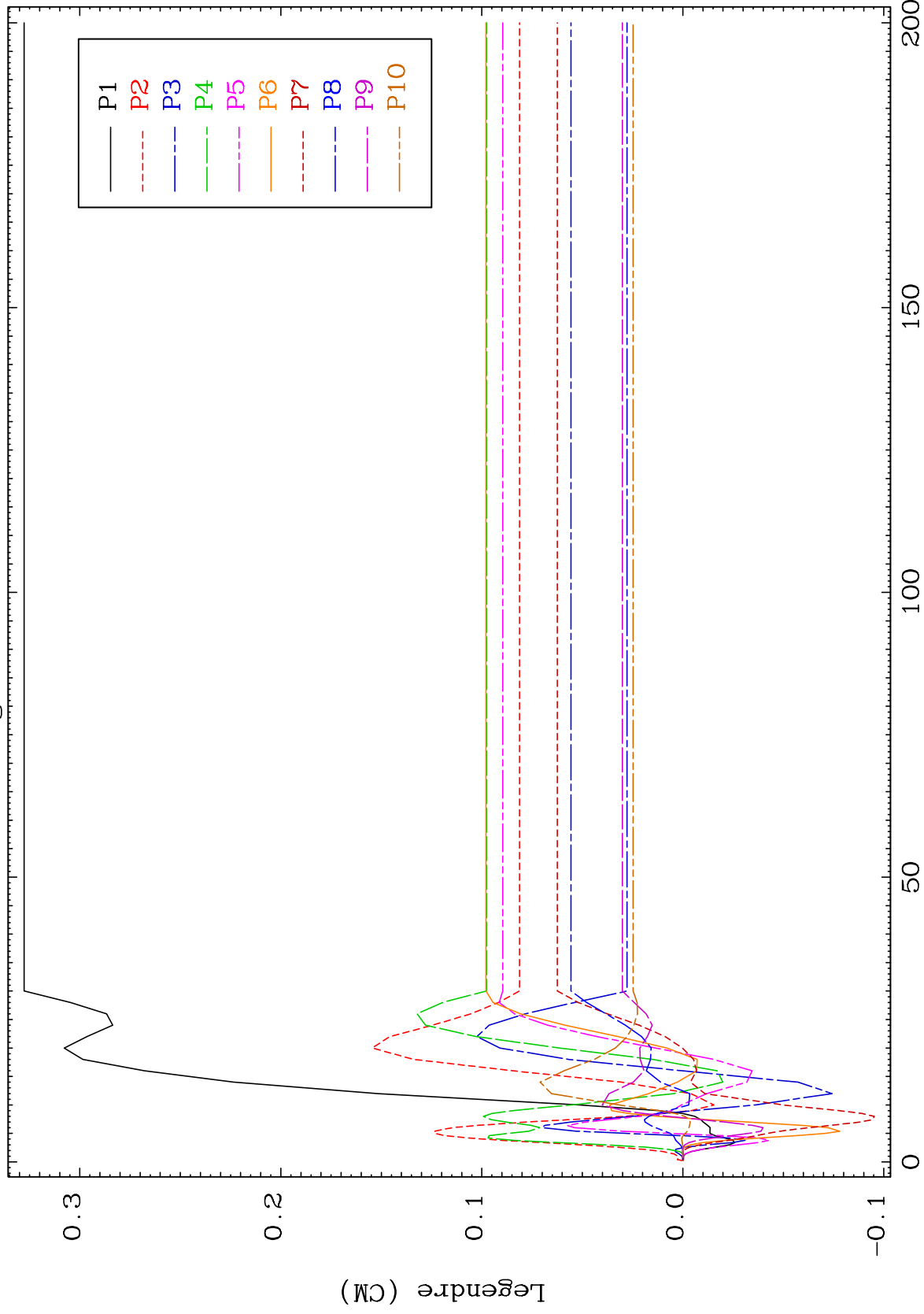
77-Ir-196



MAT 7740

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

77-Ir-196



77-Ir-196

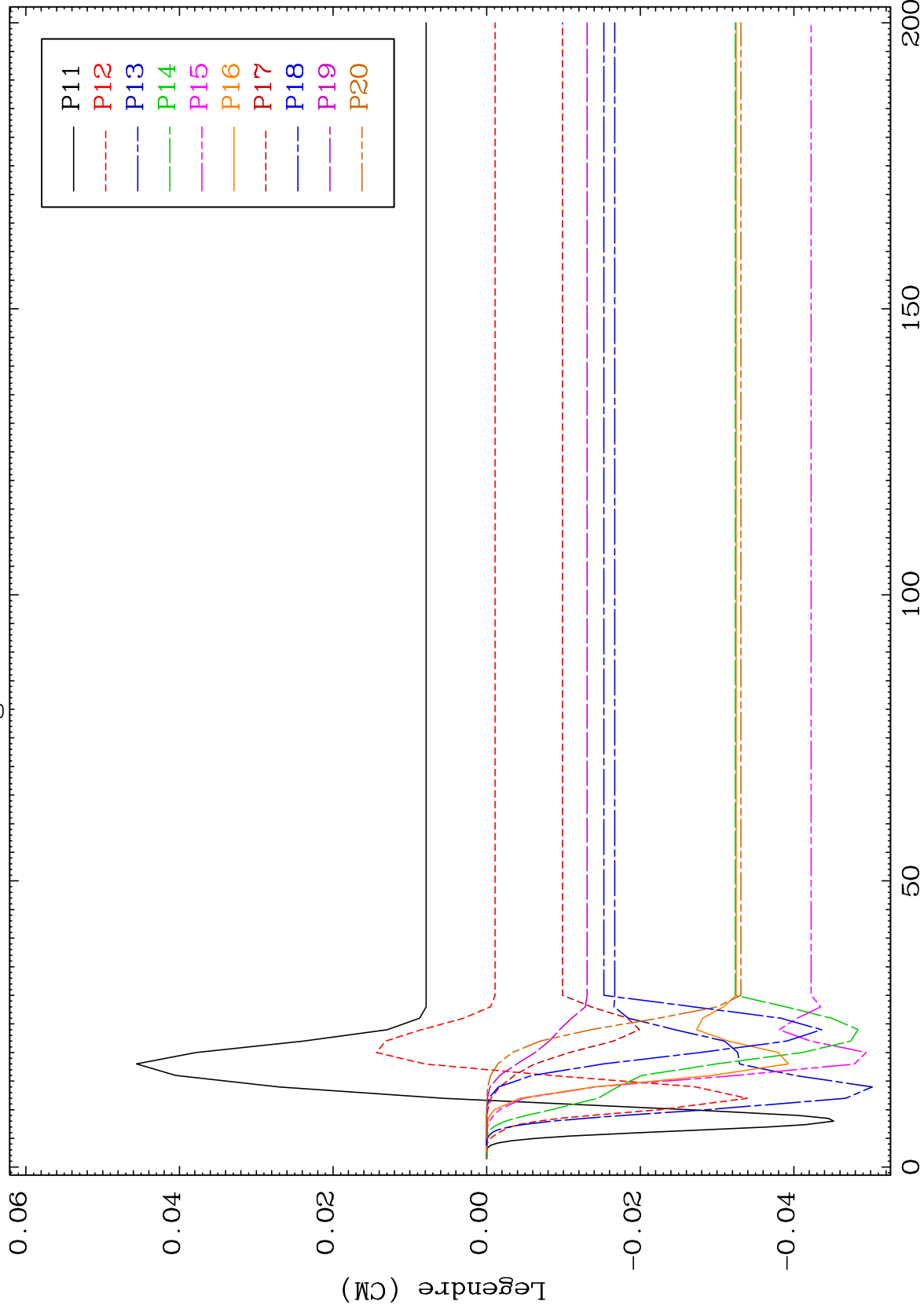
Incident Energy (MeV)

25

MAT 7740

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

77-Ir-196



26

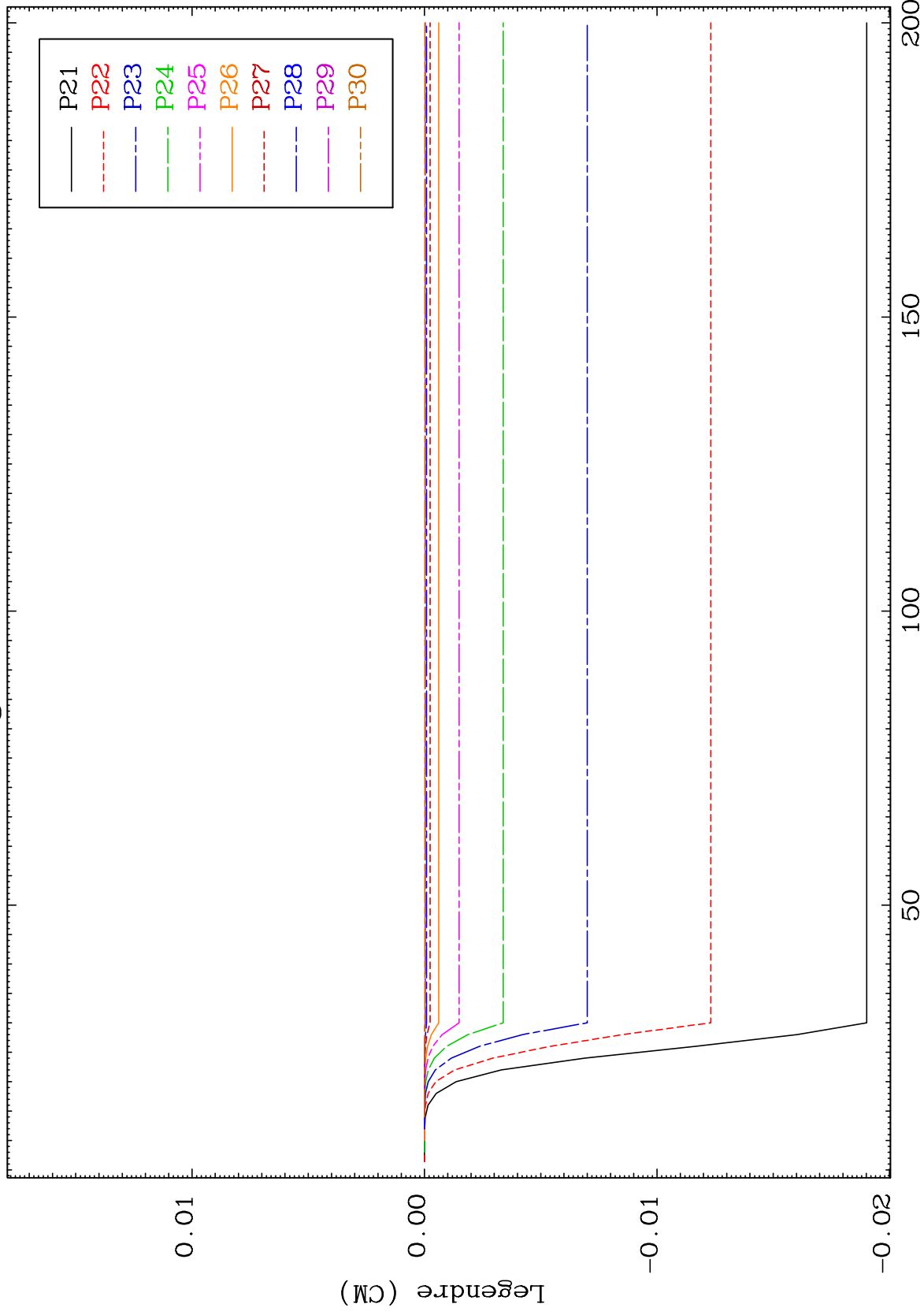
Incident Energy (MeV)

77-Ir-196

MAT 7740

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

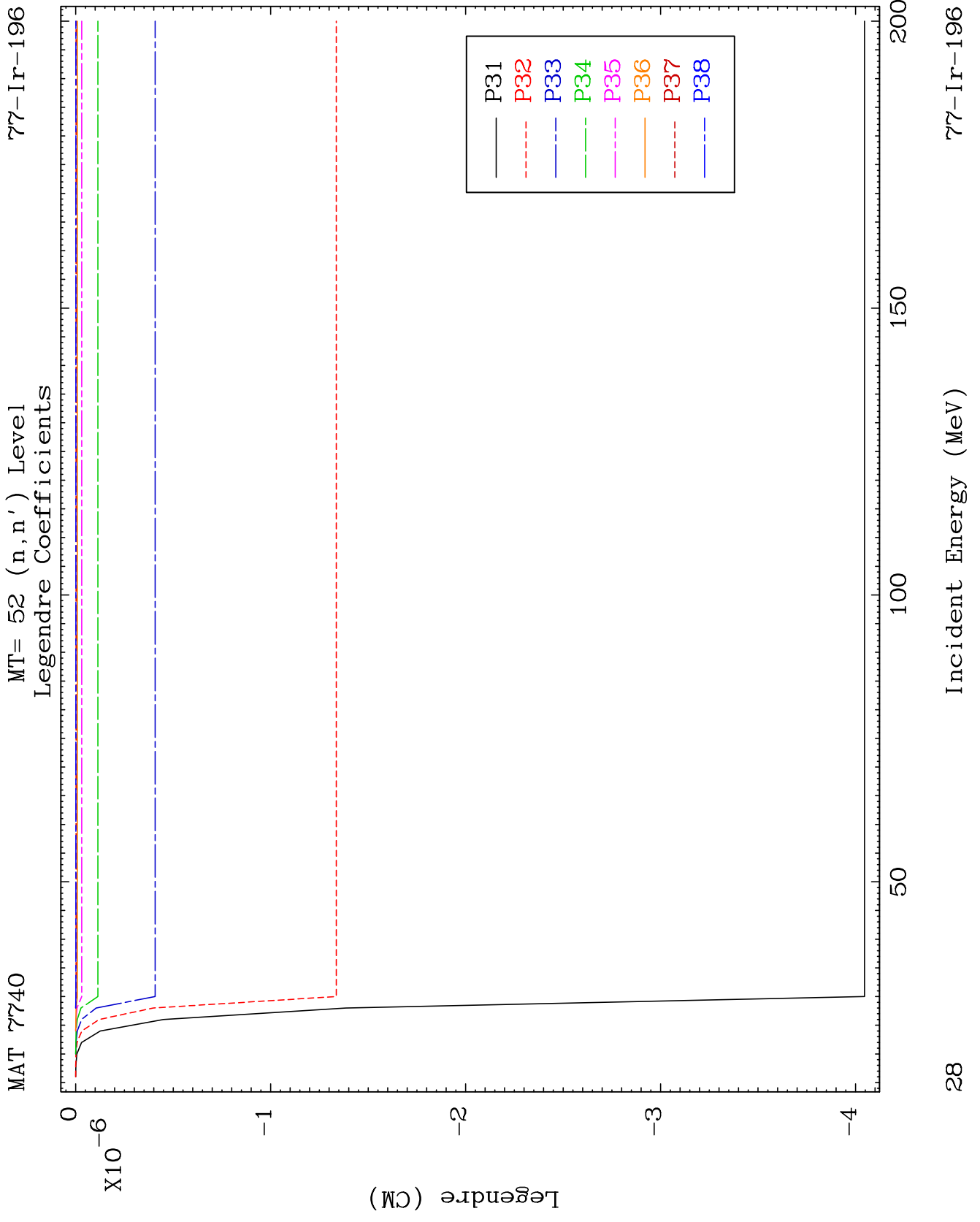
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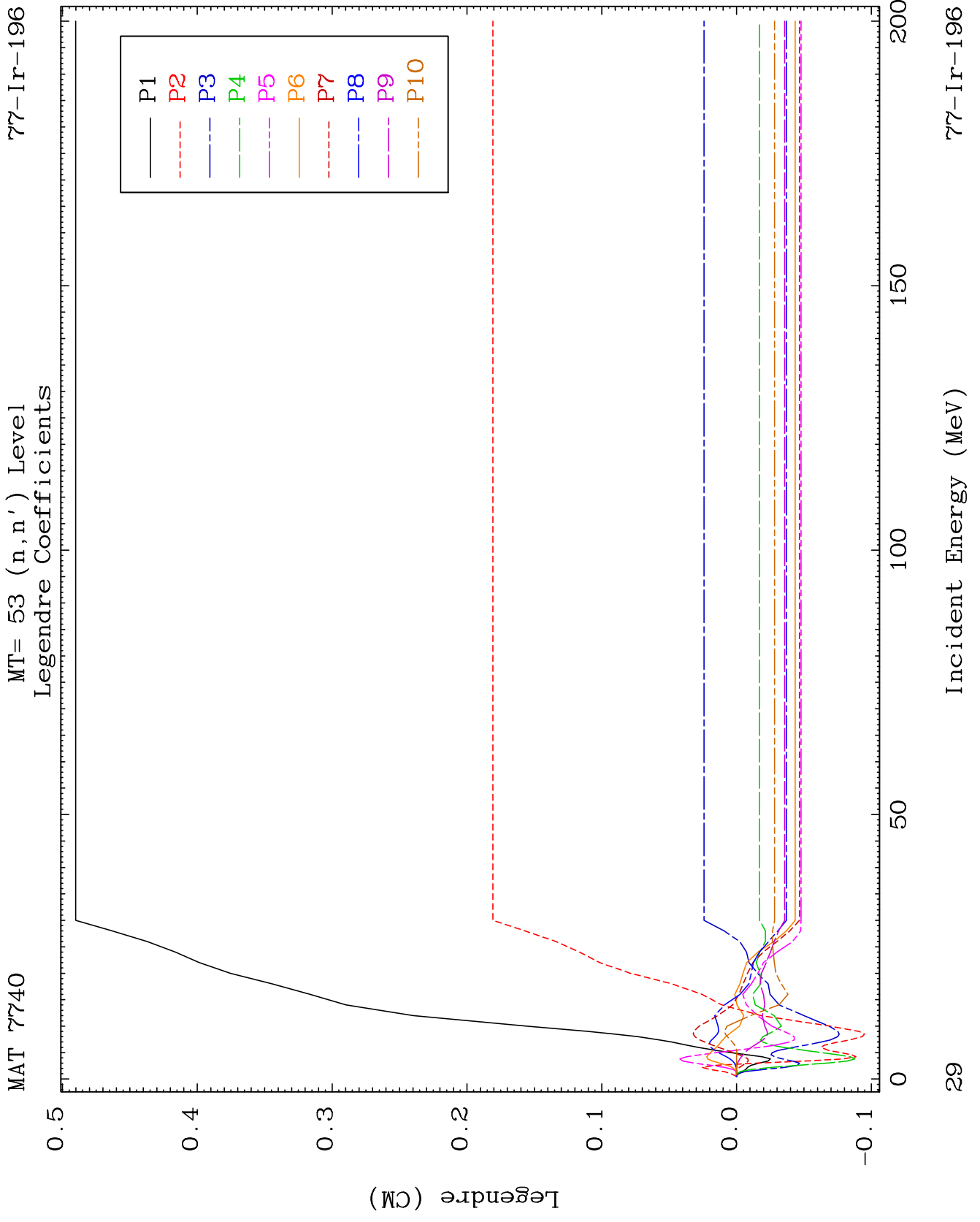


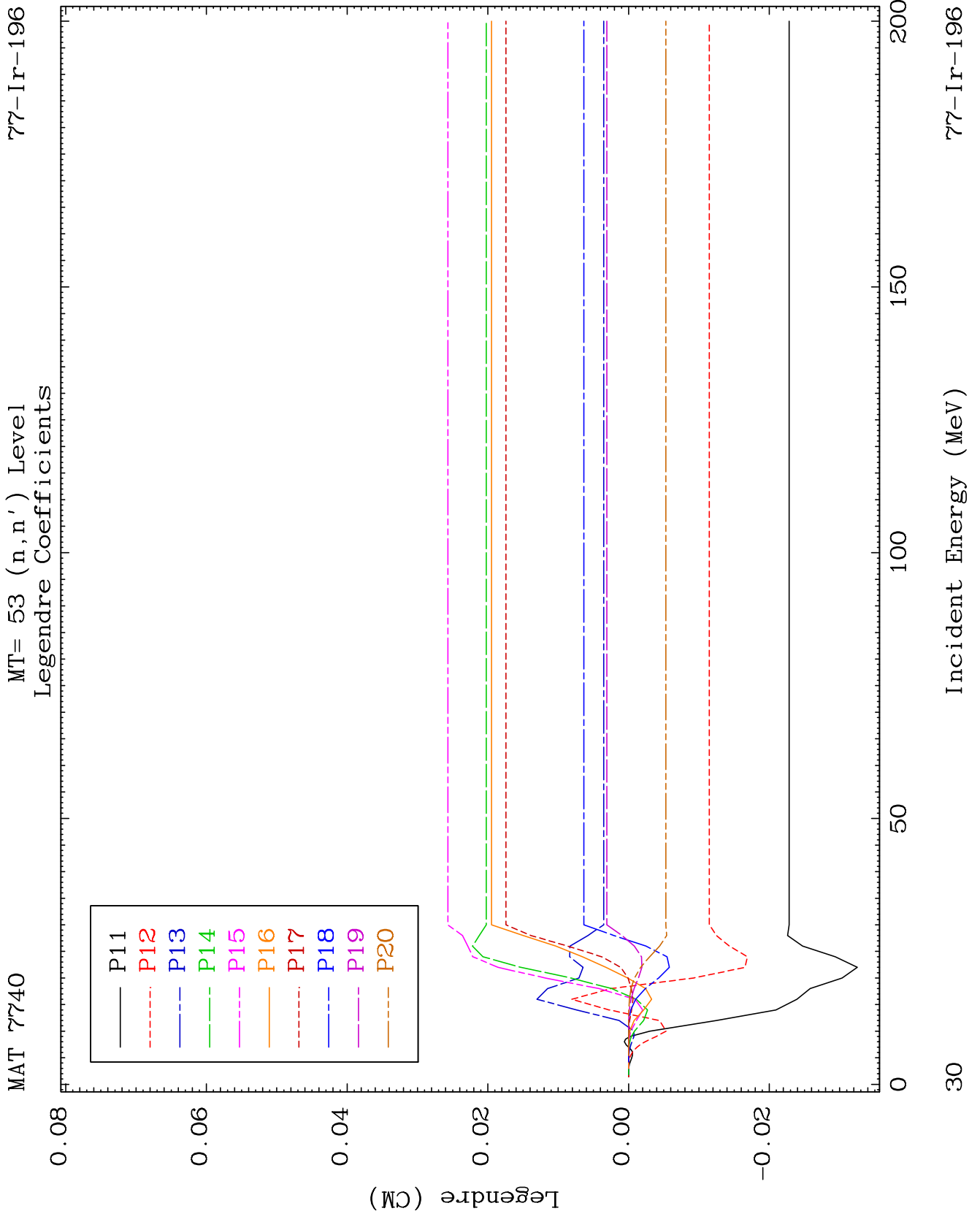
27

Incident Energy (MeV)

77-Ir-196



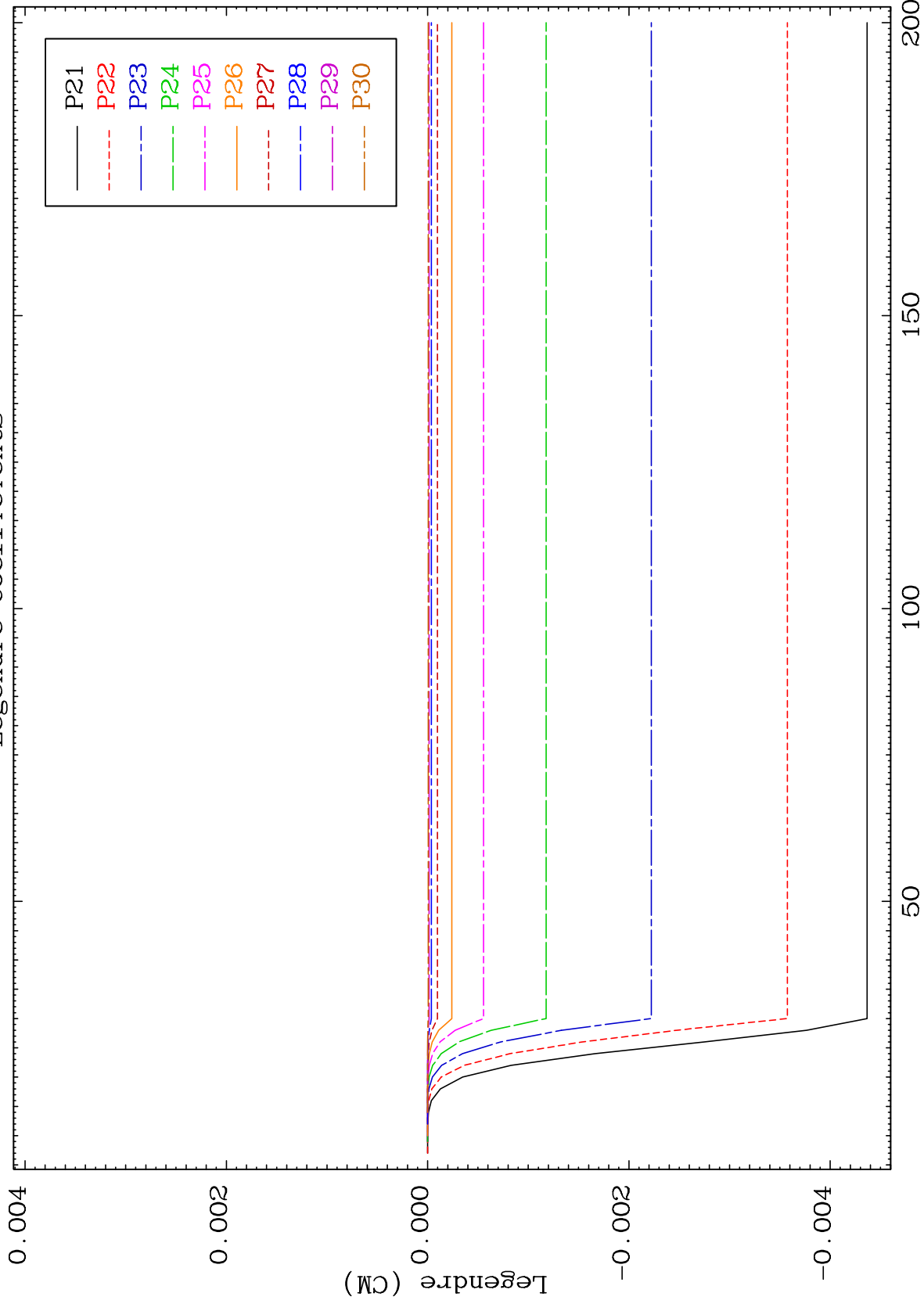


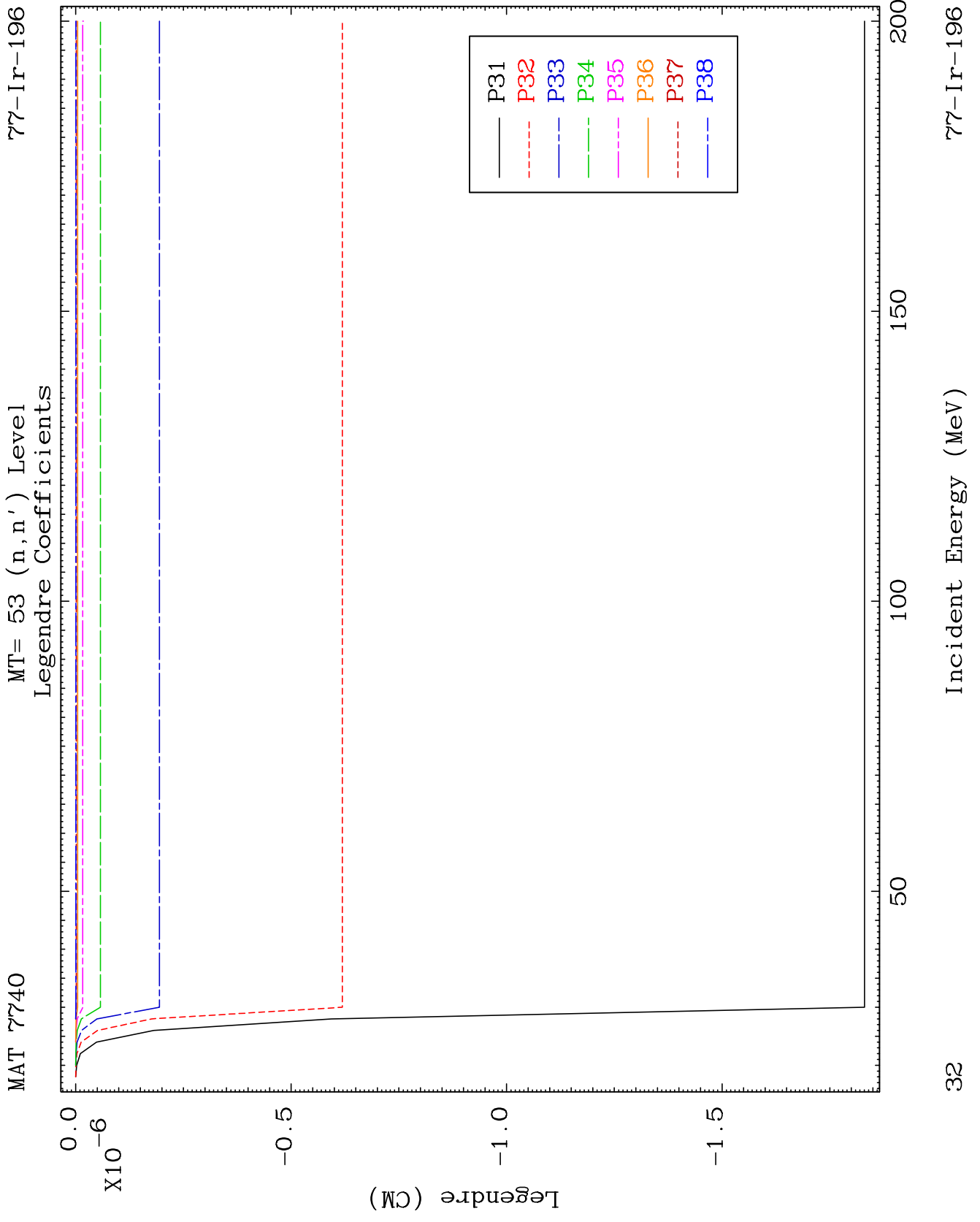


MAT 7740

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

77-Ir-196

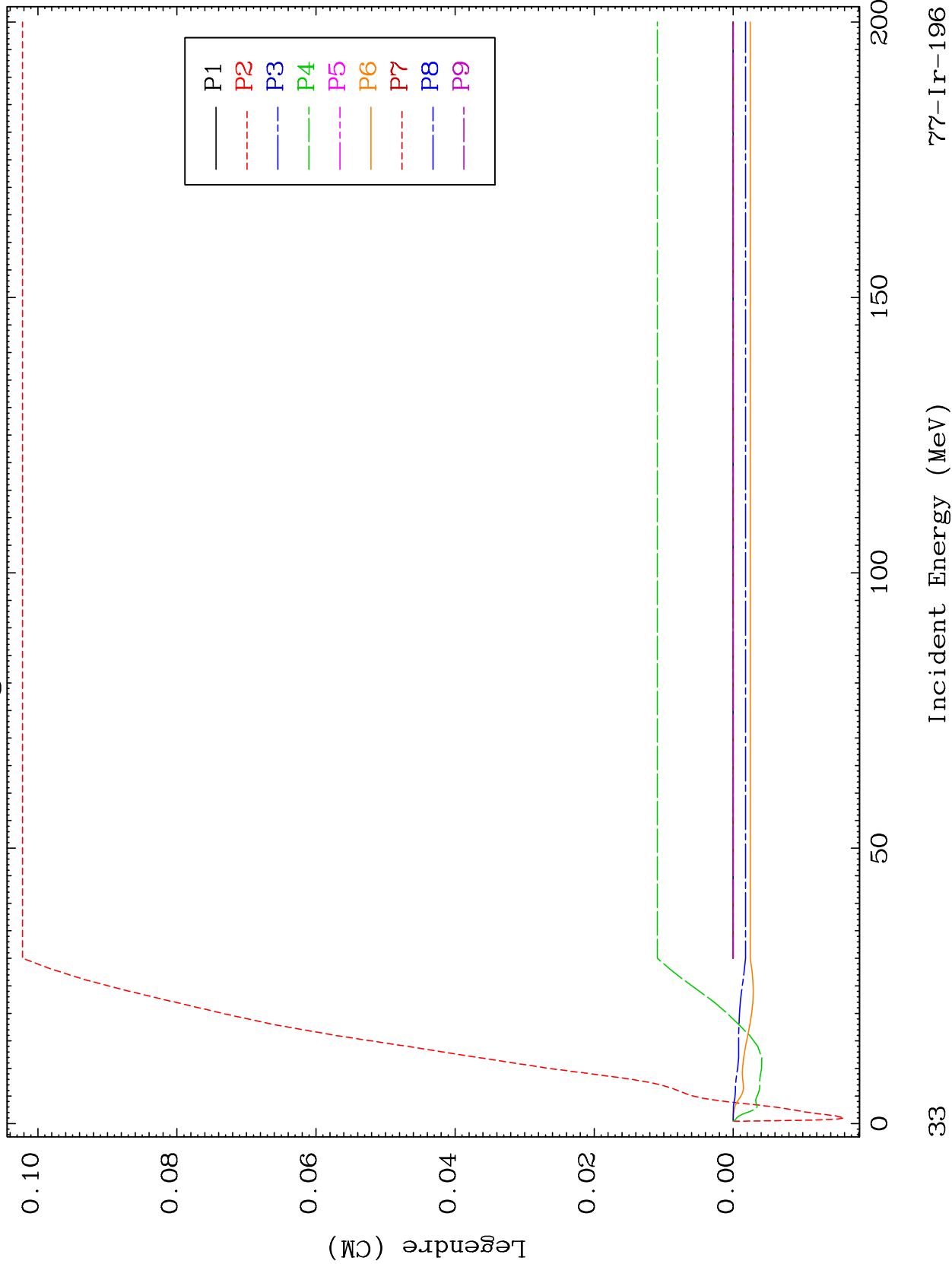




MAT 7740

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

77-Ir-196



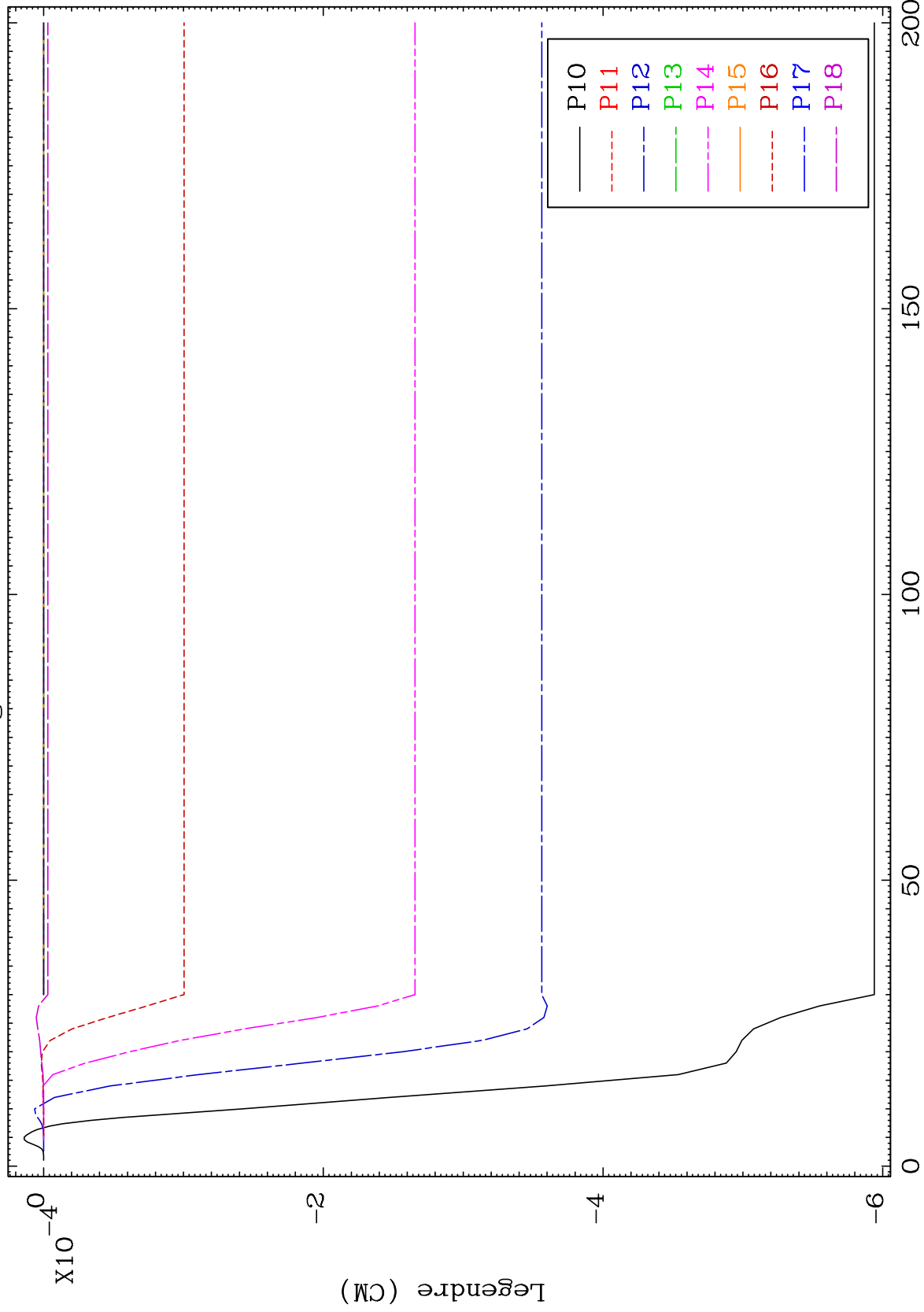
33

77-Ir-196

MAT 7740

77-Ir-196

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



34

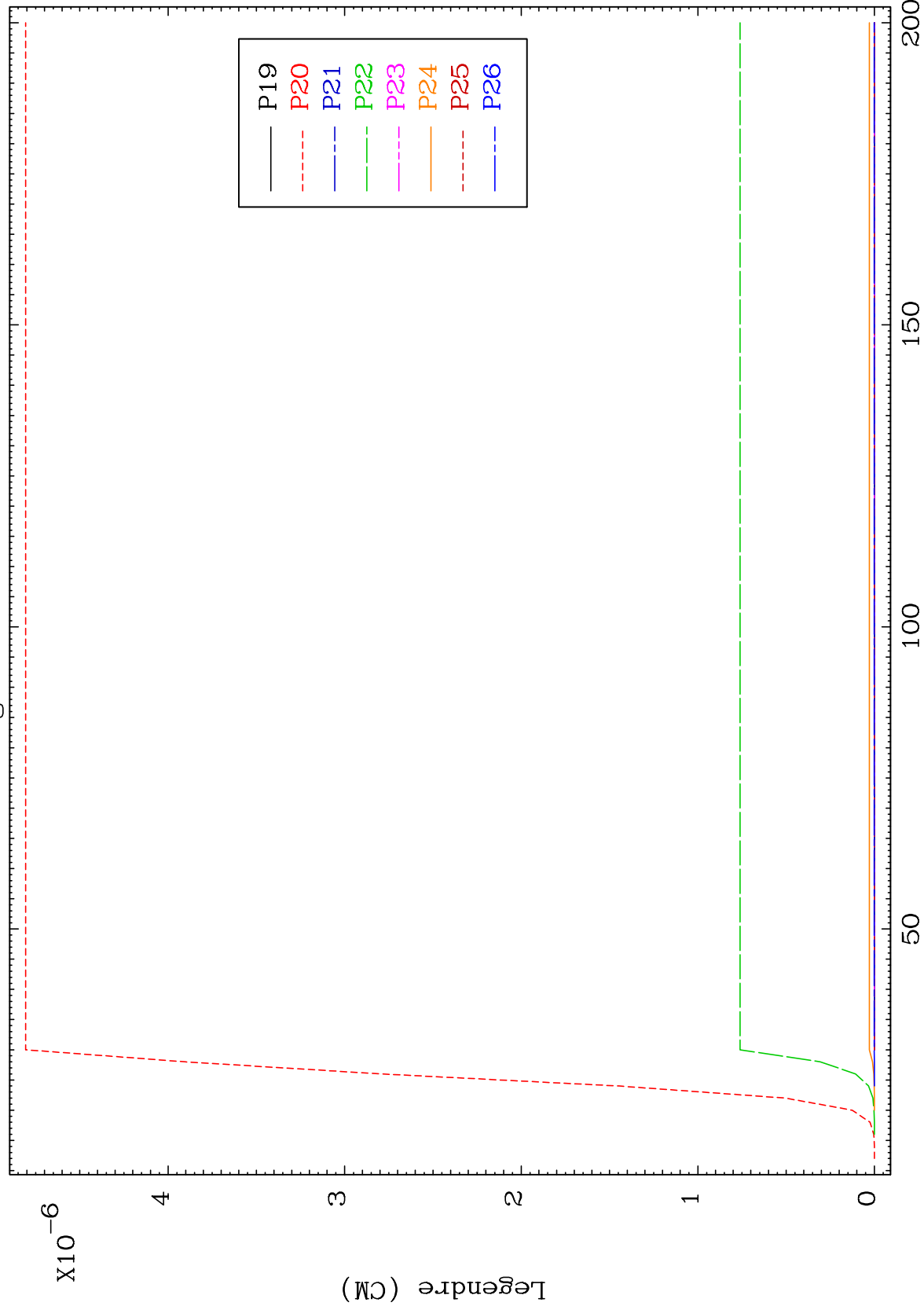
Incident Energy (MeV)

77-Ir-196

MAT 7740

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

77-Ir-196



77-Ir-196

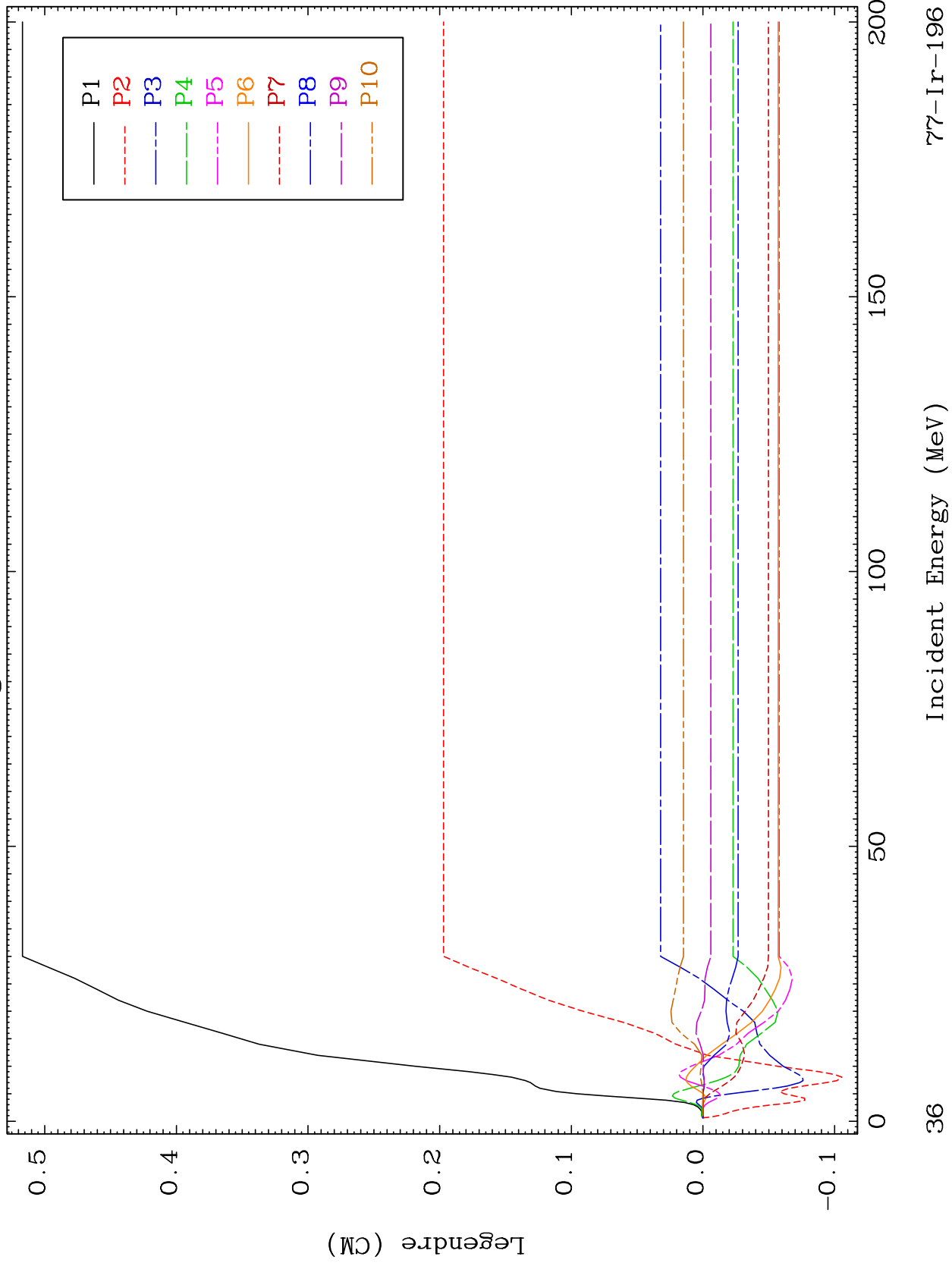
Incident Energy (MeV)

35

MAT 7740

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

77-Ir-196



77-Ir-196

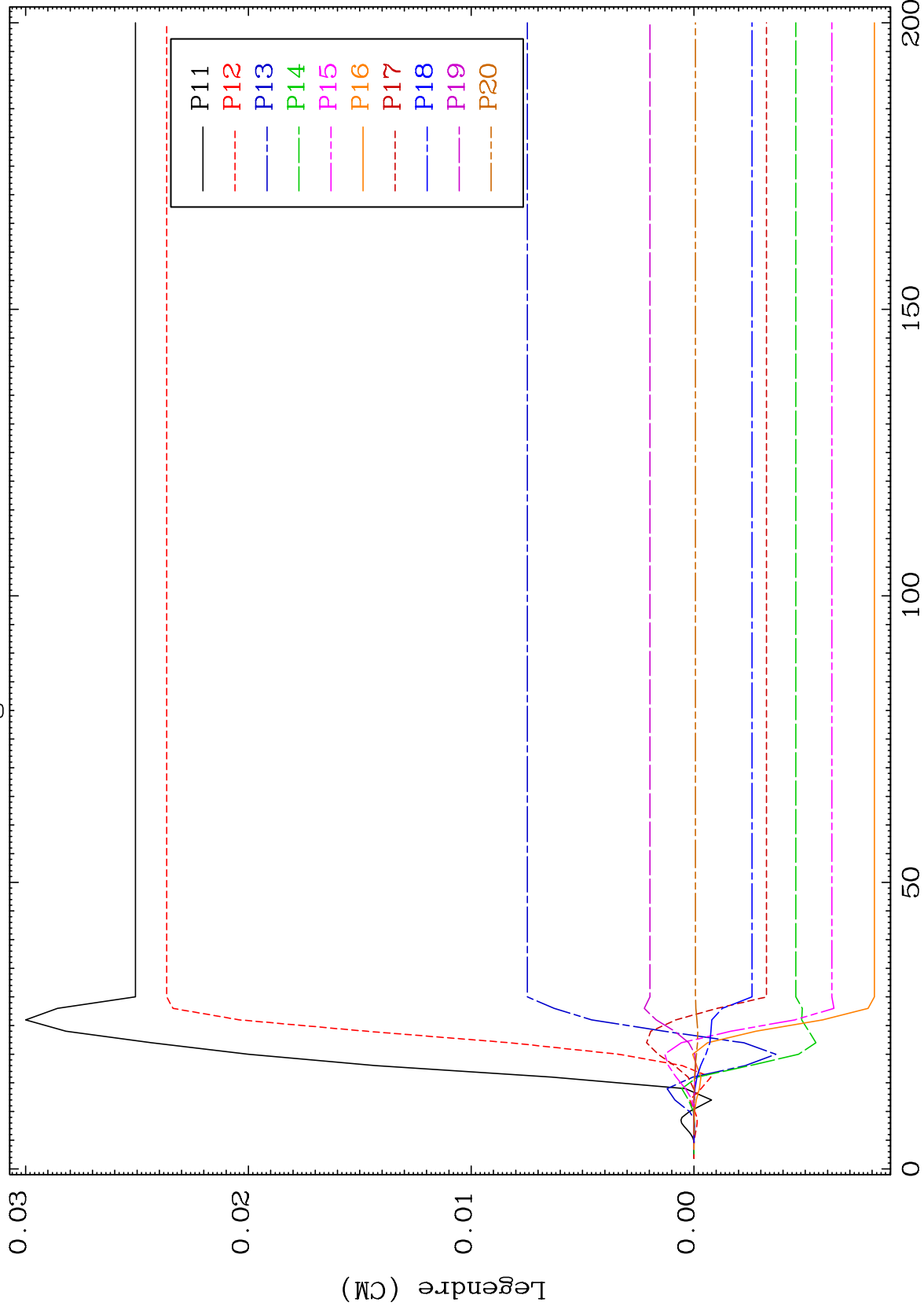
Incident Energy (MeV)

36

MAT 7740

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

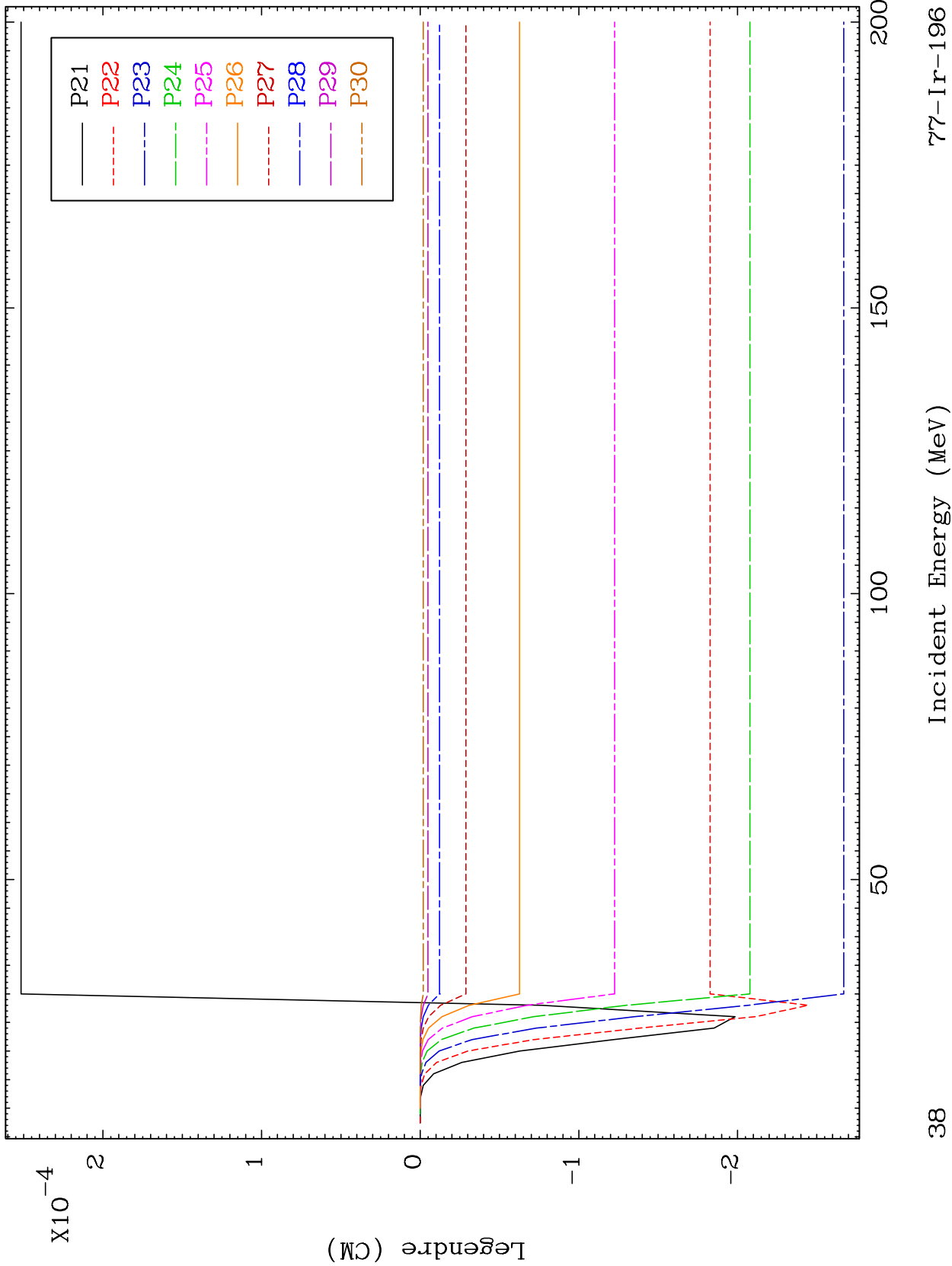
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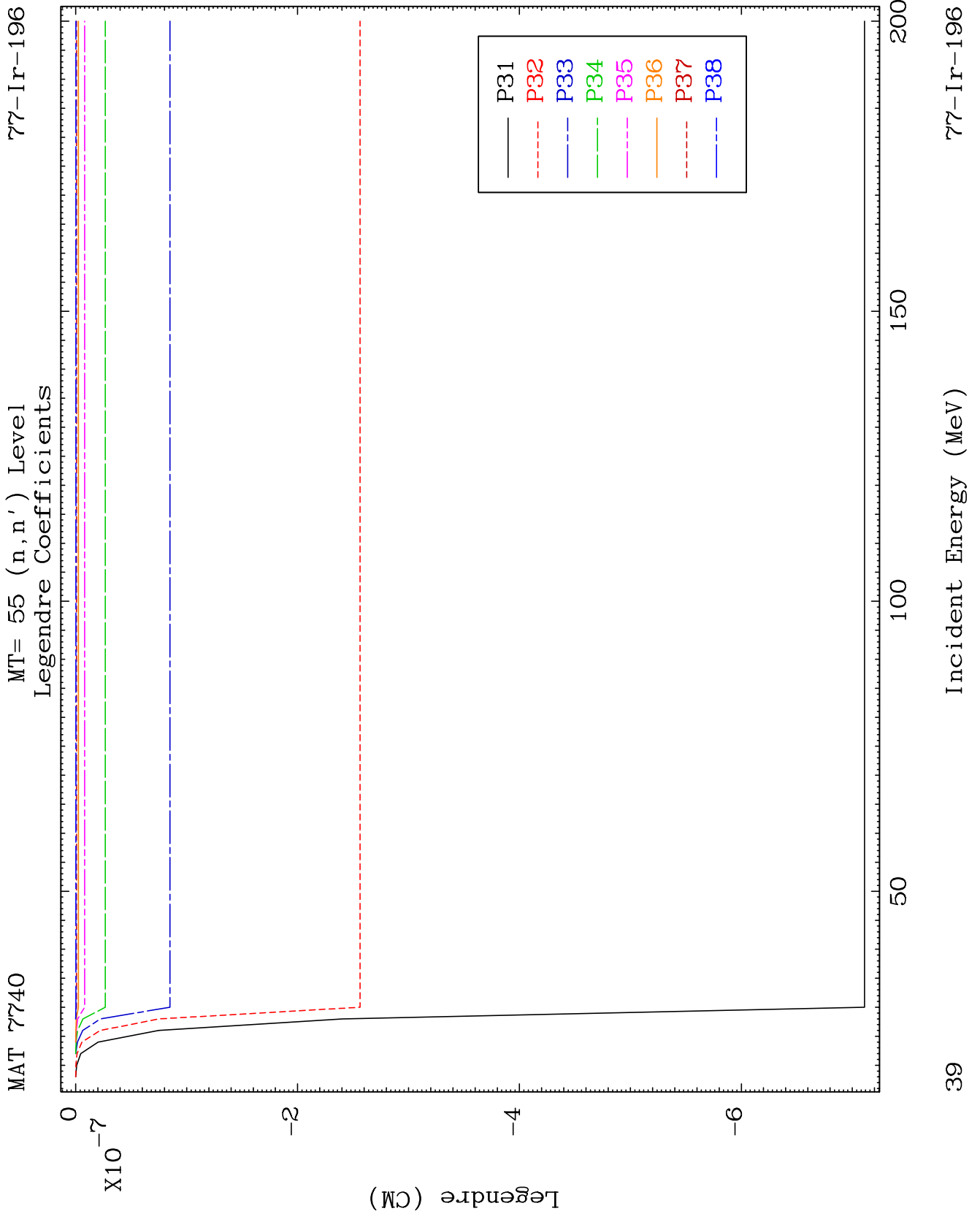


37

Incident Energy (MeV)

77-Ir-196

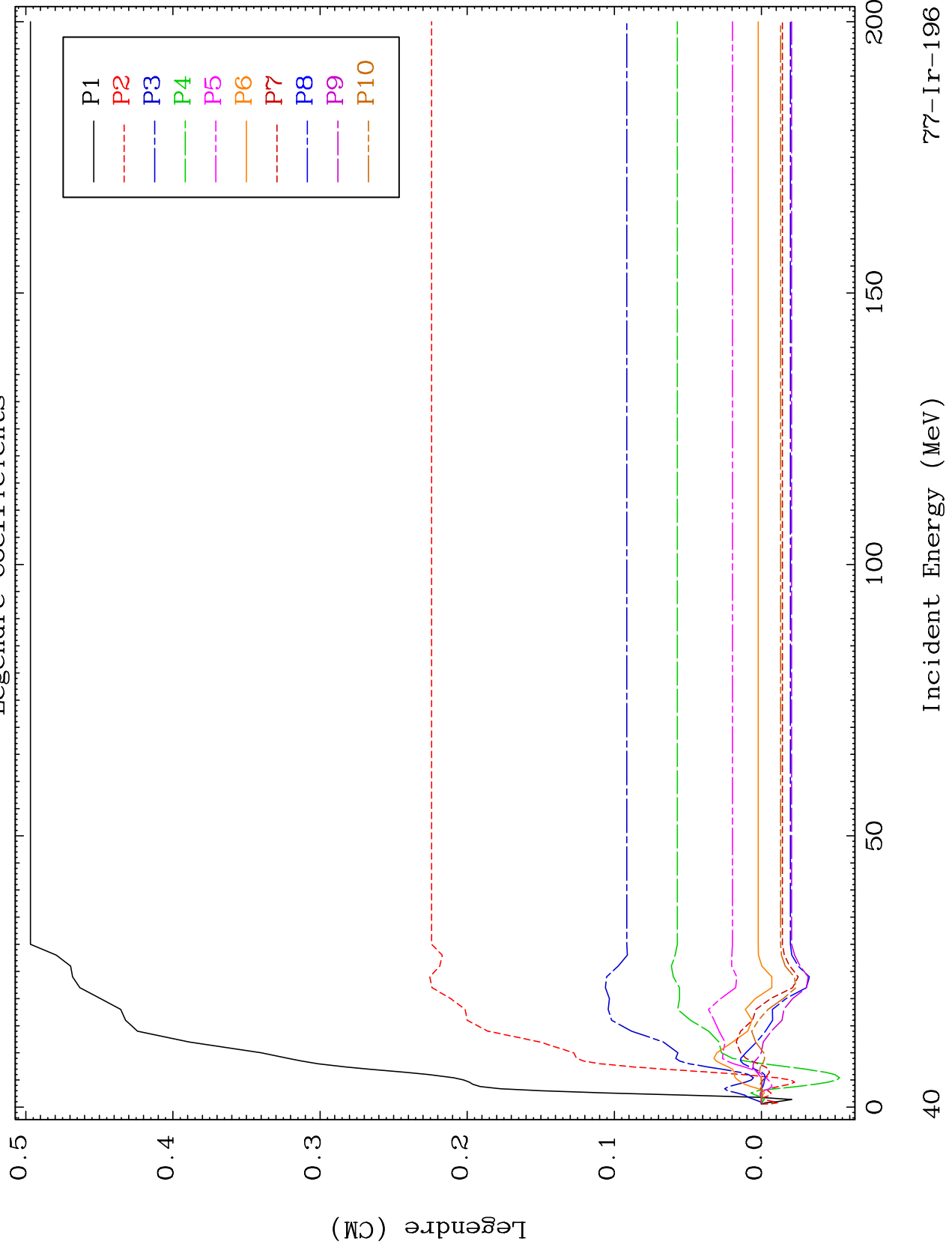




MAT 7740

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

77-Ir-196



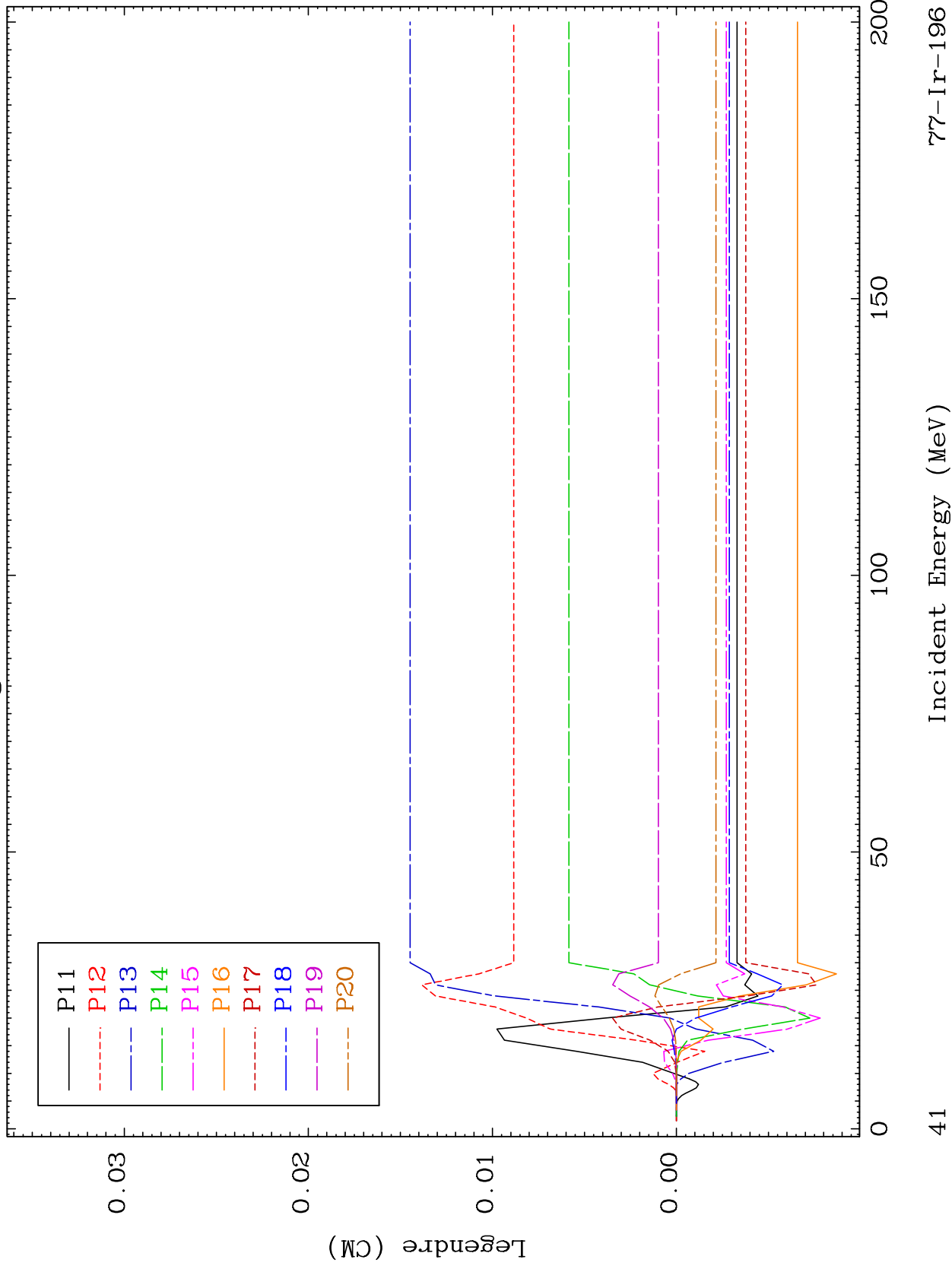
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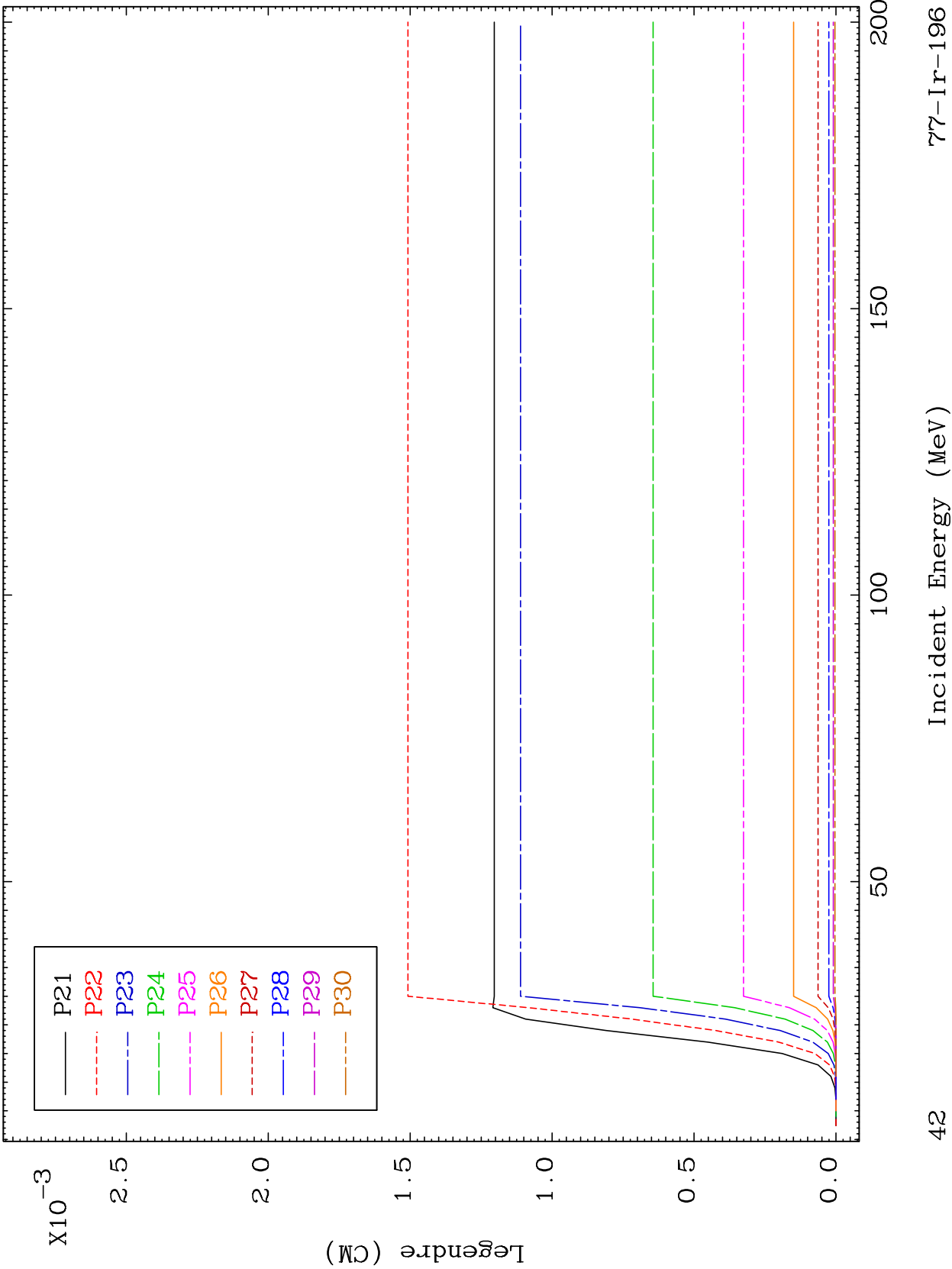
Incident Energy (MeV)

MAT 7740

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

77-Ir-196

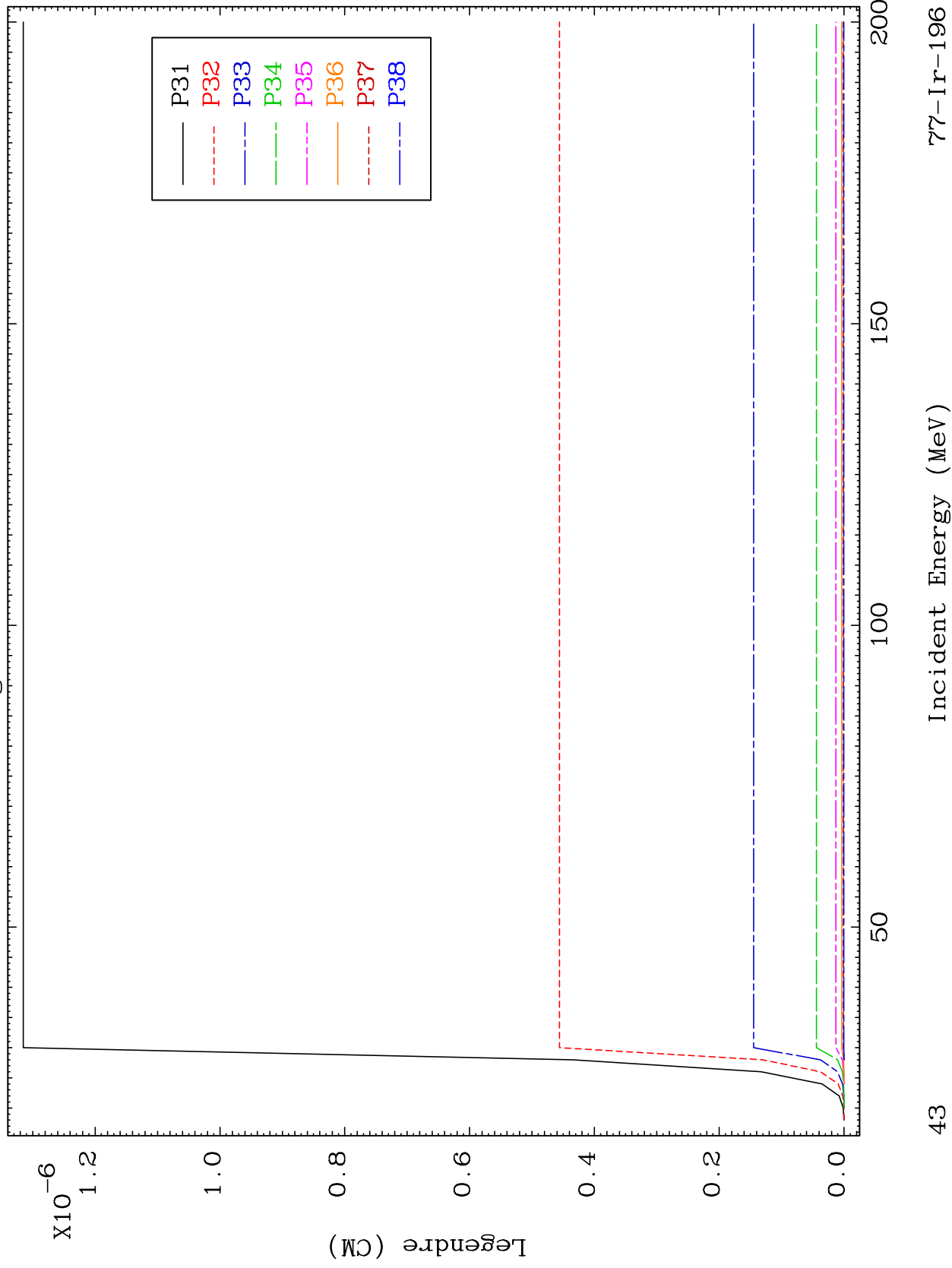




MAT 7740

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

77-Ir-196



43

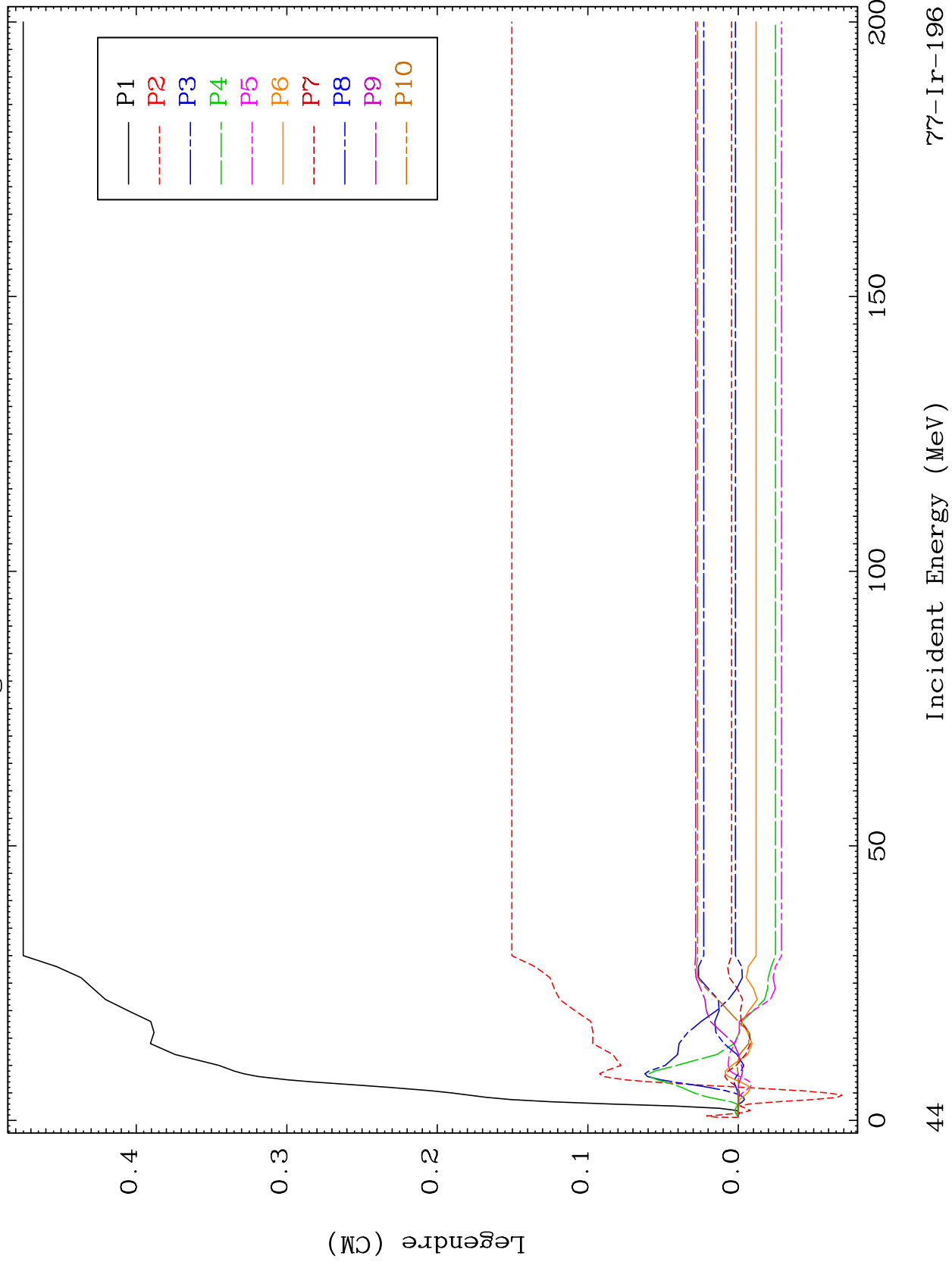
Incident Energy (MeV)

77-Ir-196

MAT 7740

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

77-Ir-196



77-Ir-196

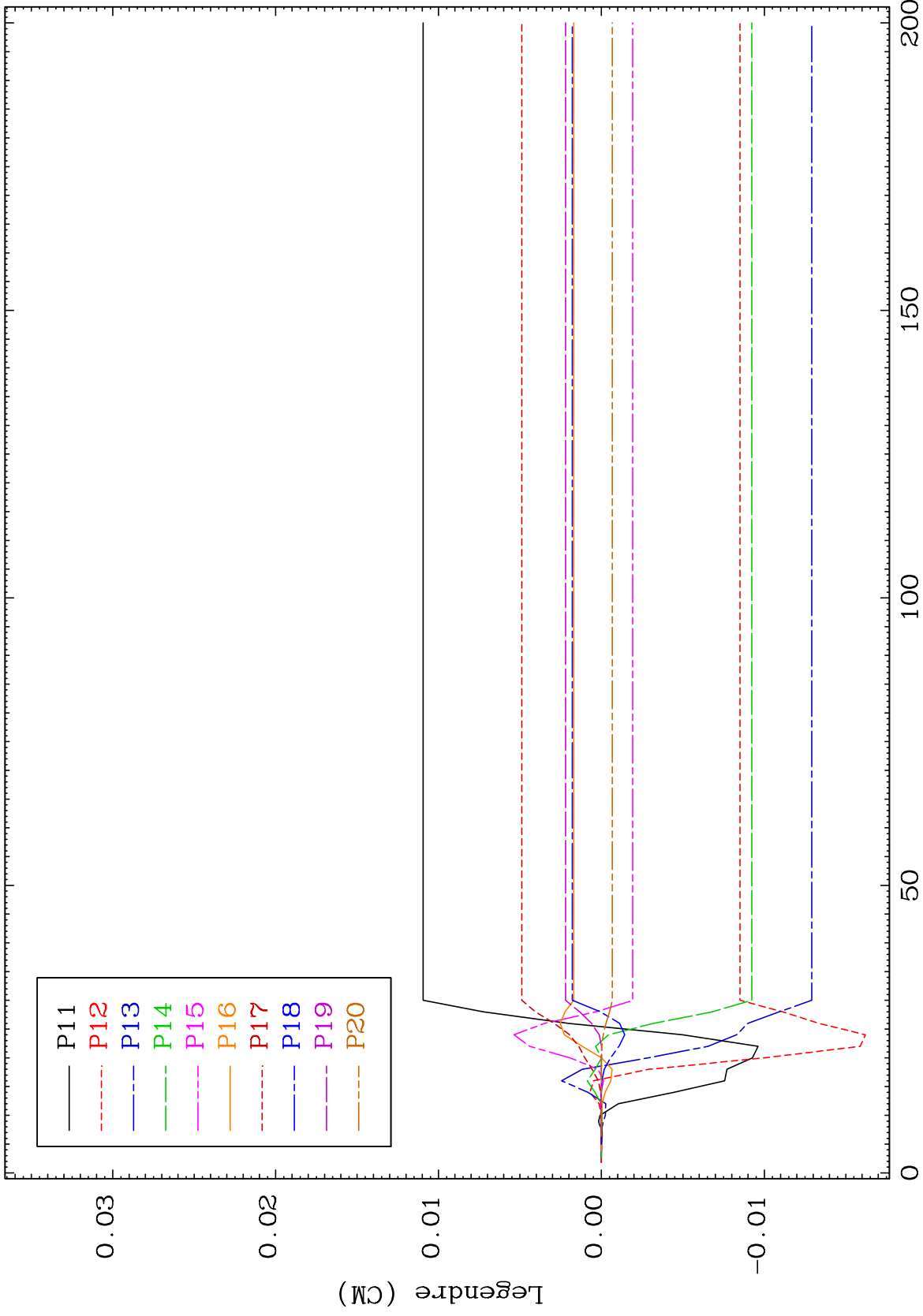
Incident Energy (MeV)

44

MAT 7740

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

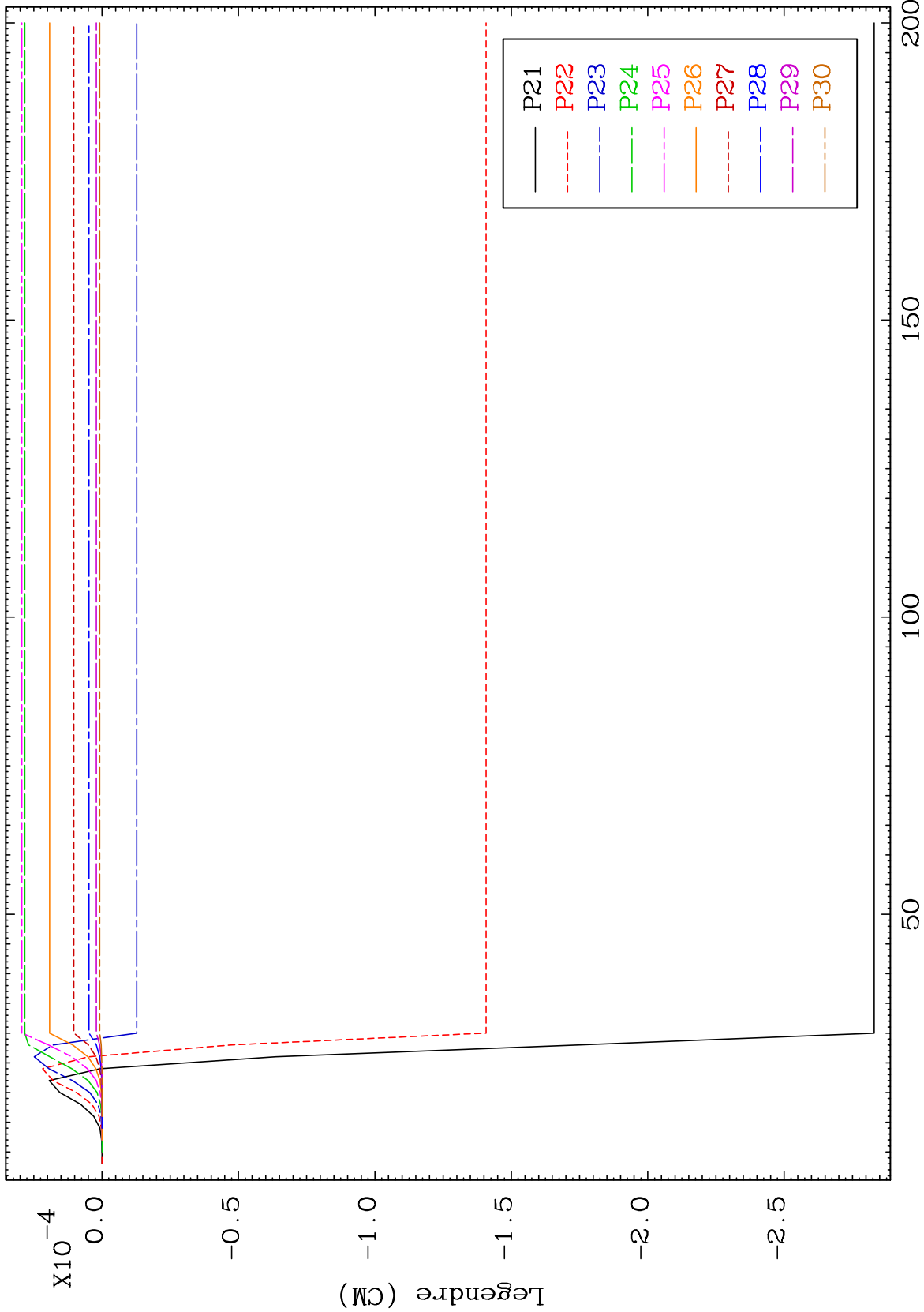
77-Ir-196



45

Incident Energy (MeV)

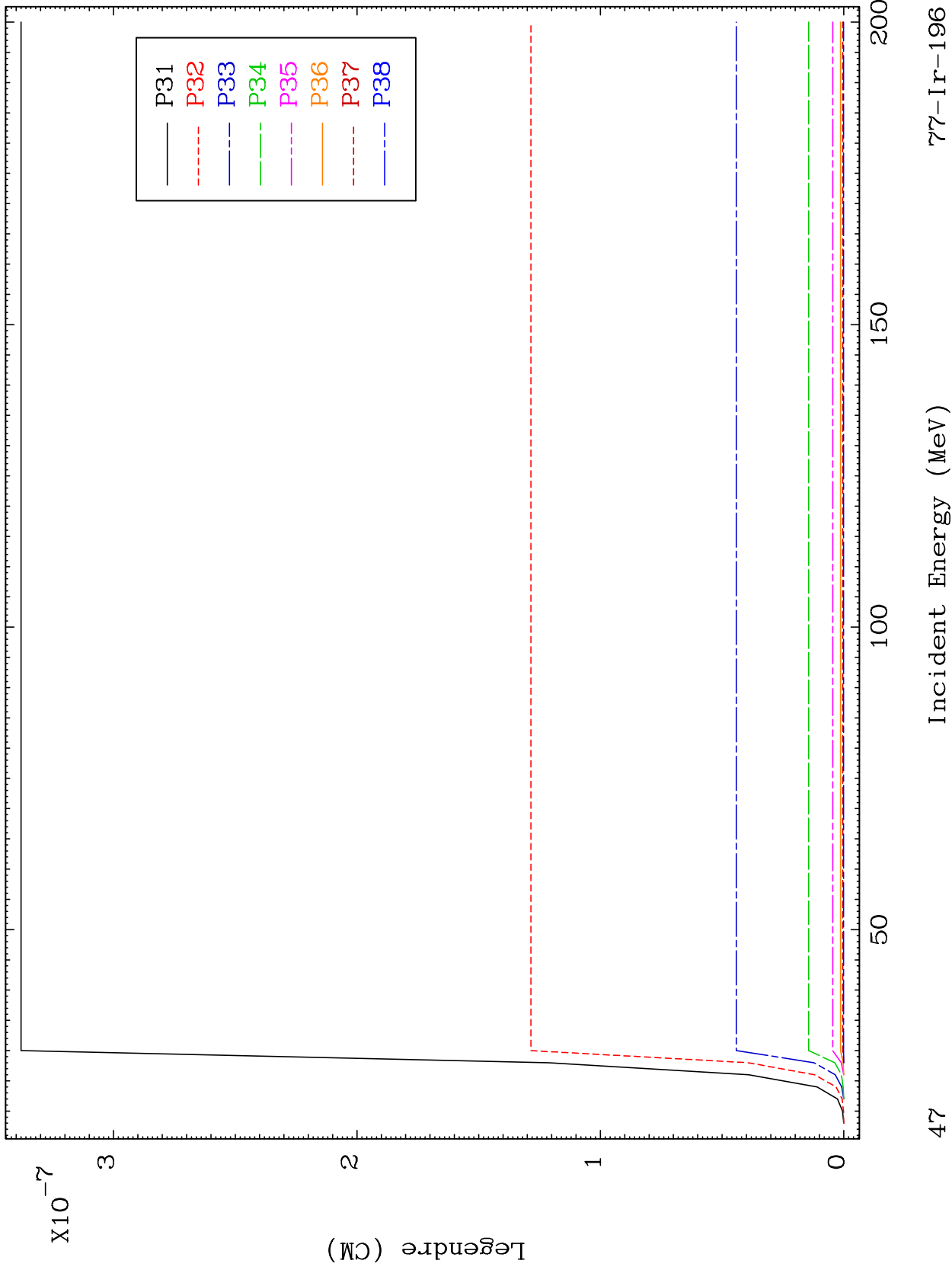
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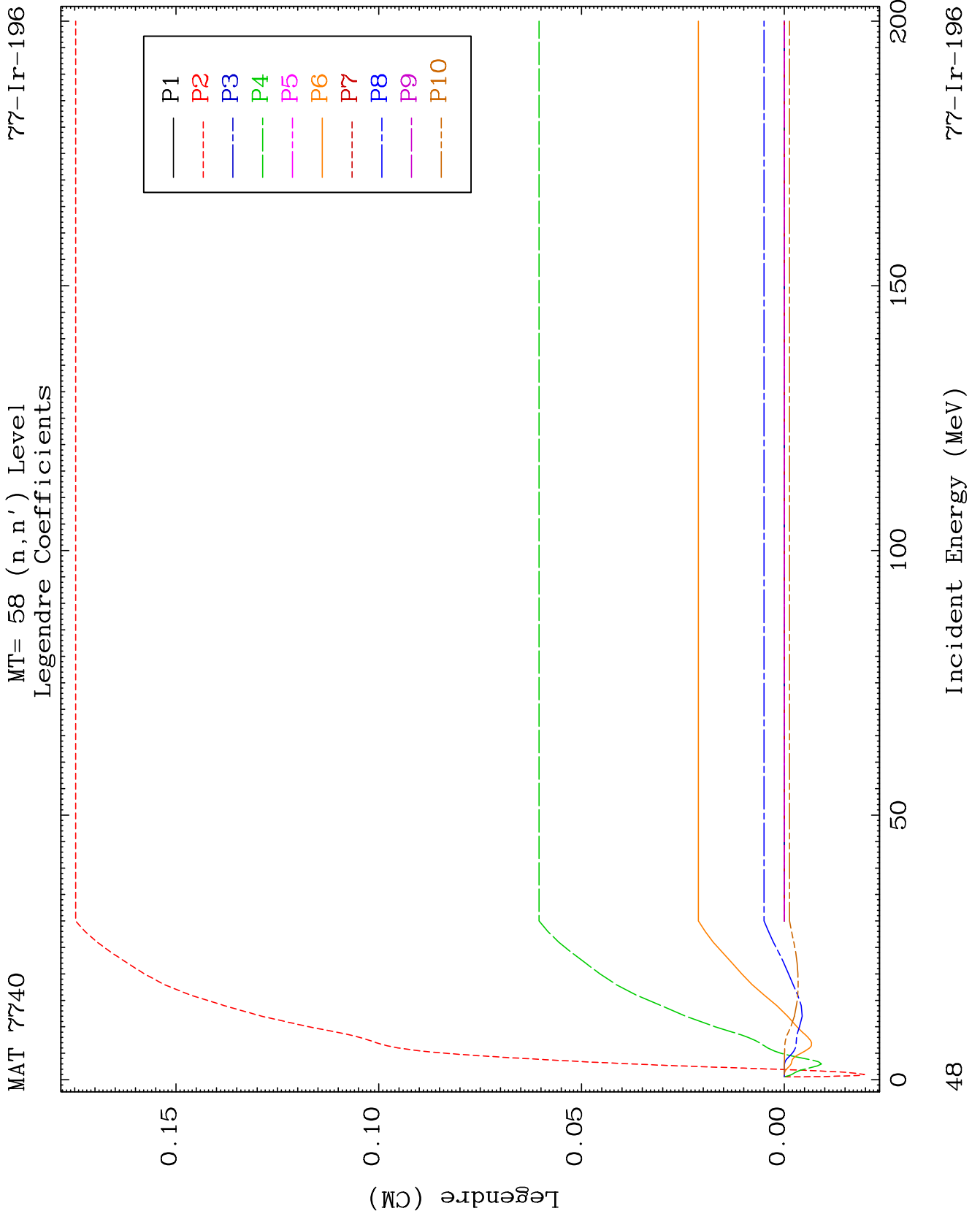


MAT 7740

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

77-Ir-196





77-Ir-196

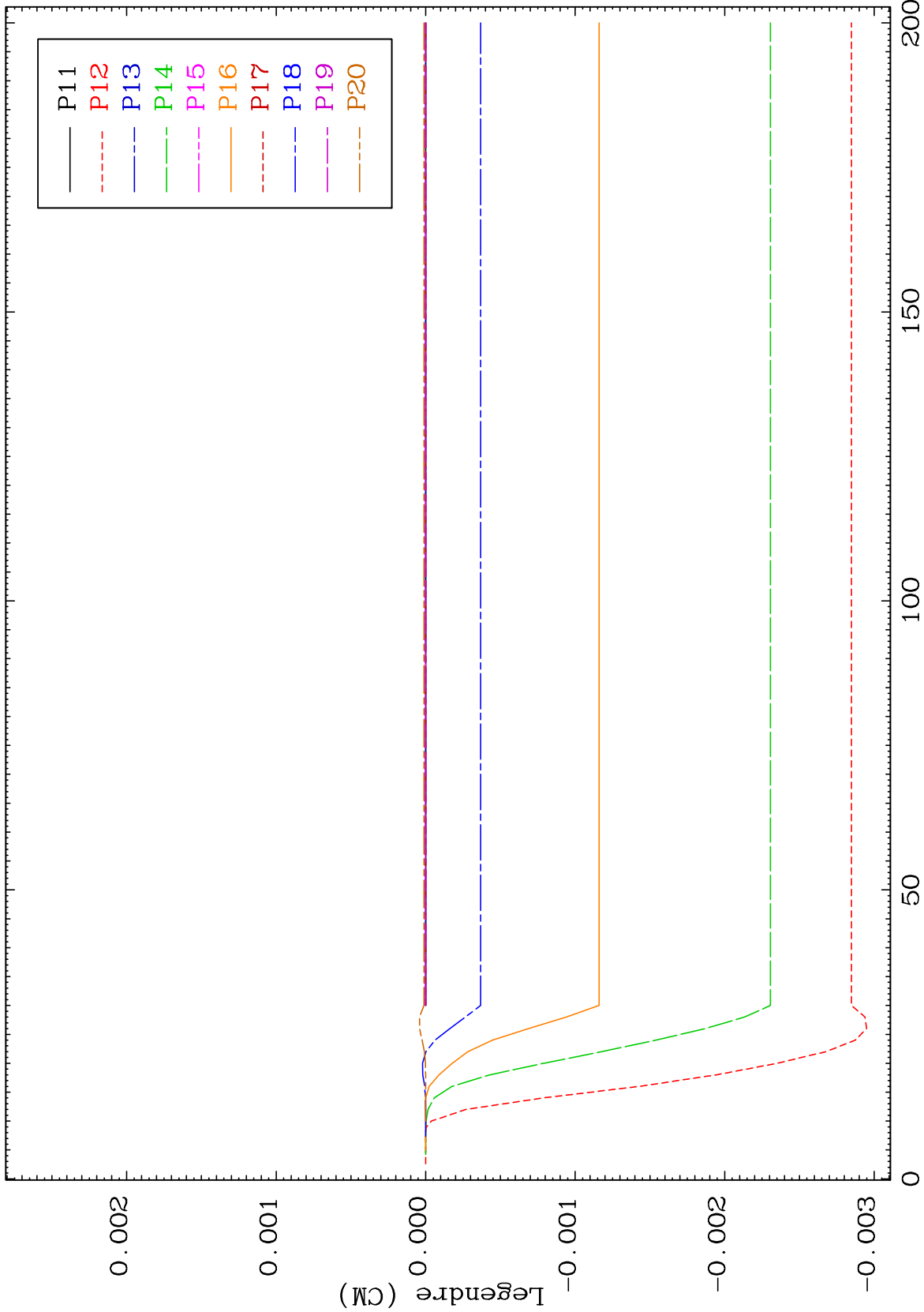
Incident Energy (MeV)

48

MAT 7740

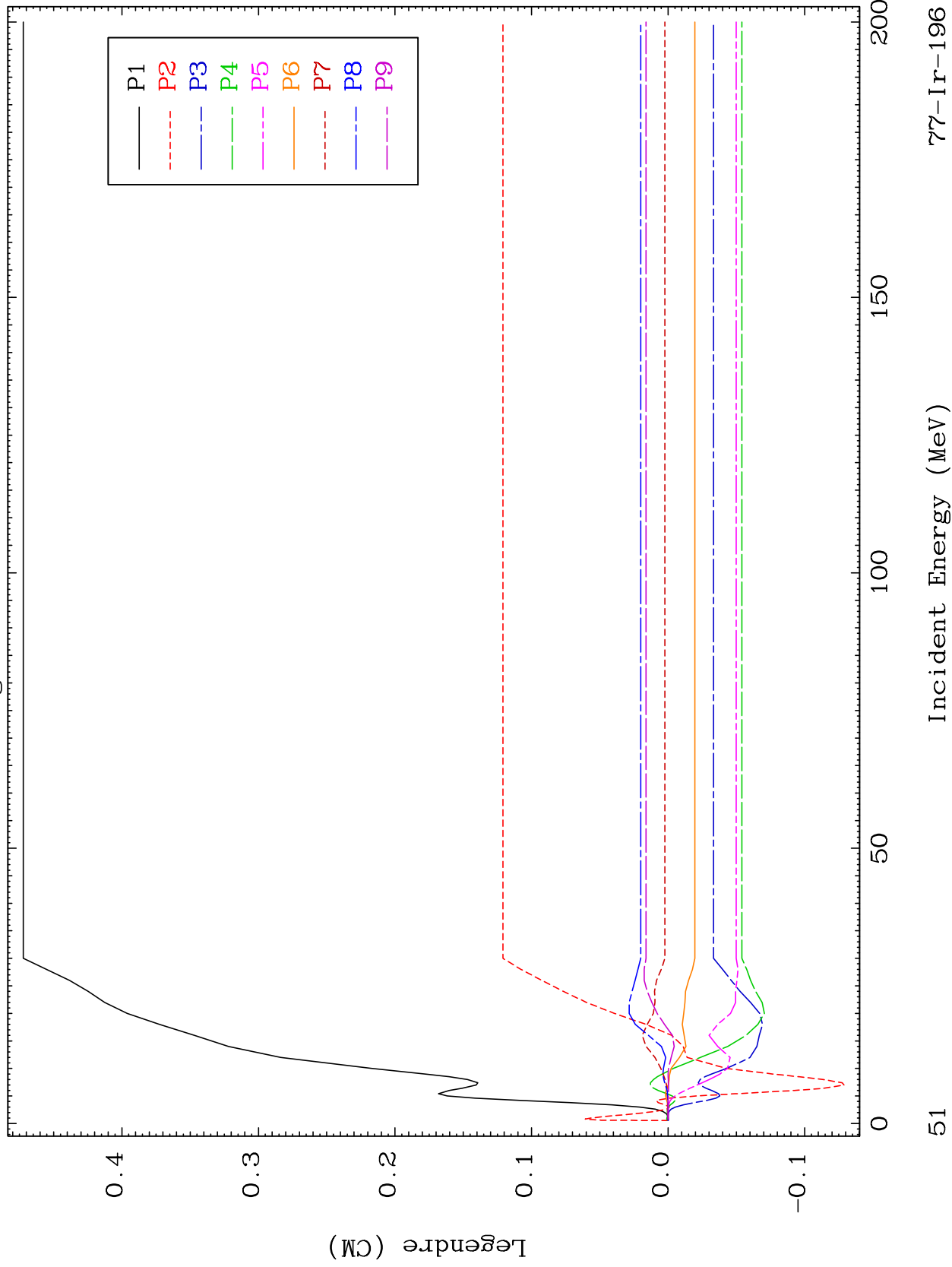
MT= 58 (n,n') Level
Legendre Coefficients

77-Ir-196



49

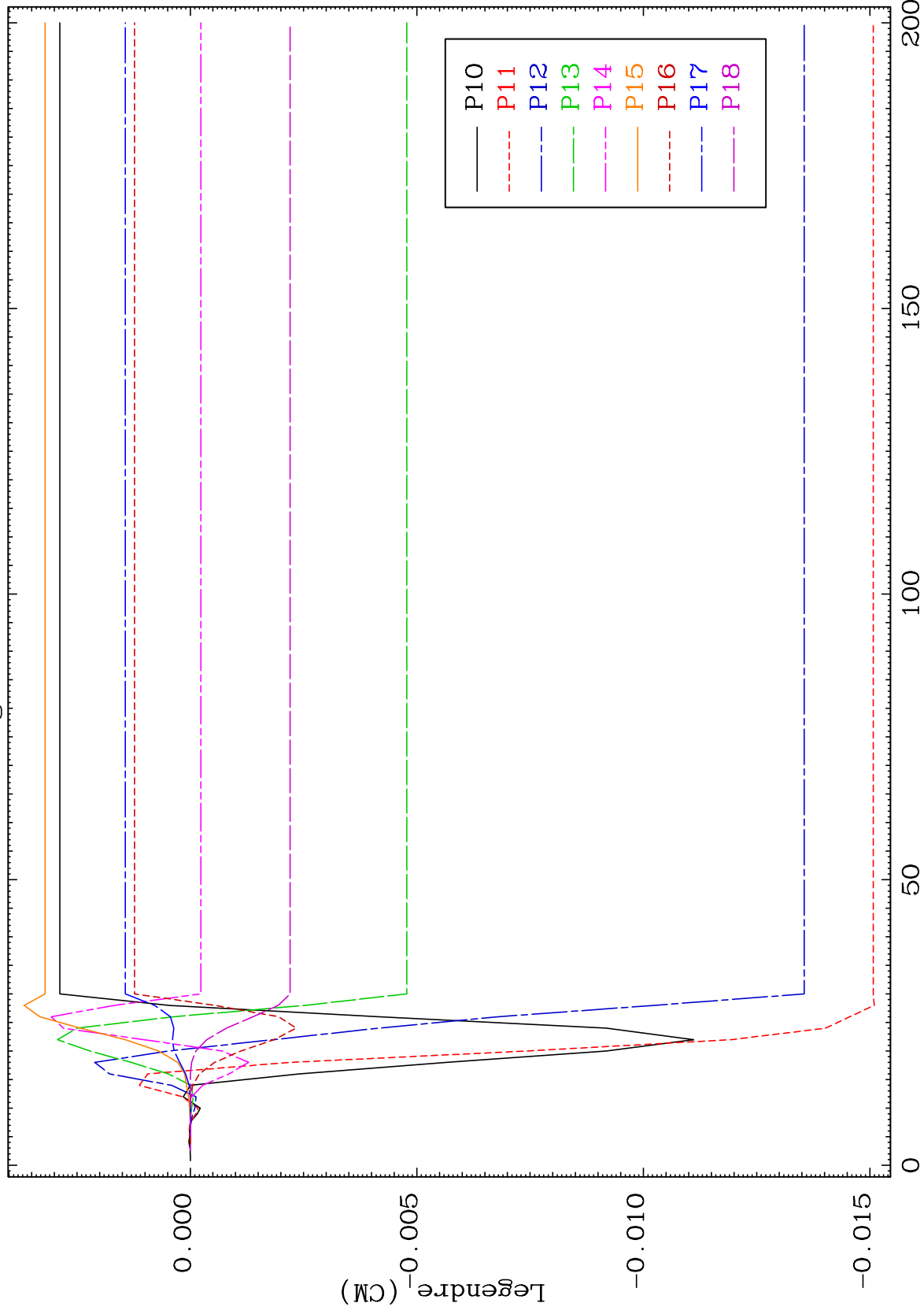
77-Ir-196



MAT 7740

77-Ir-196

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



52

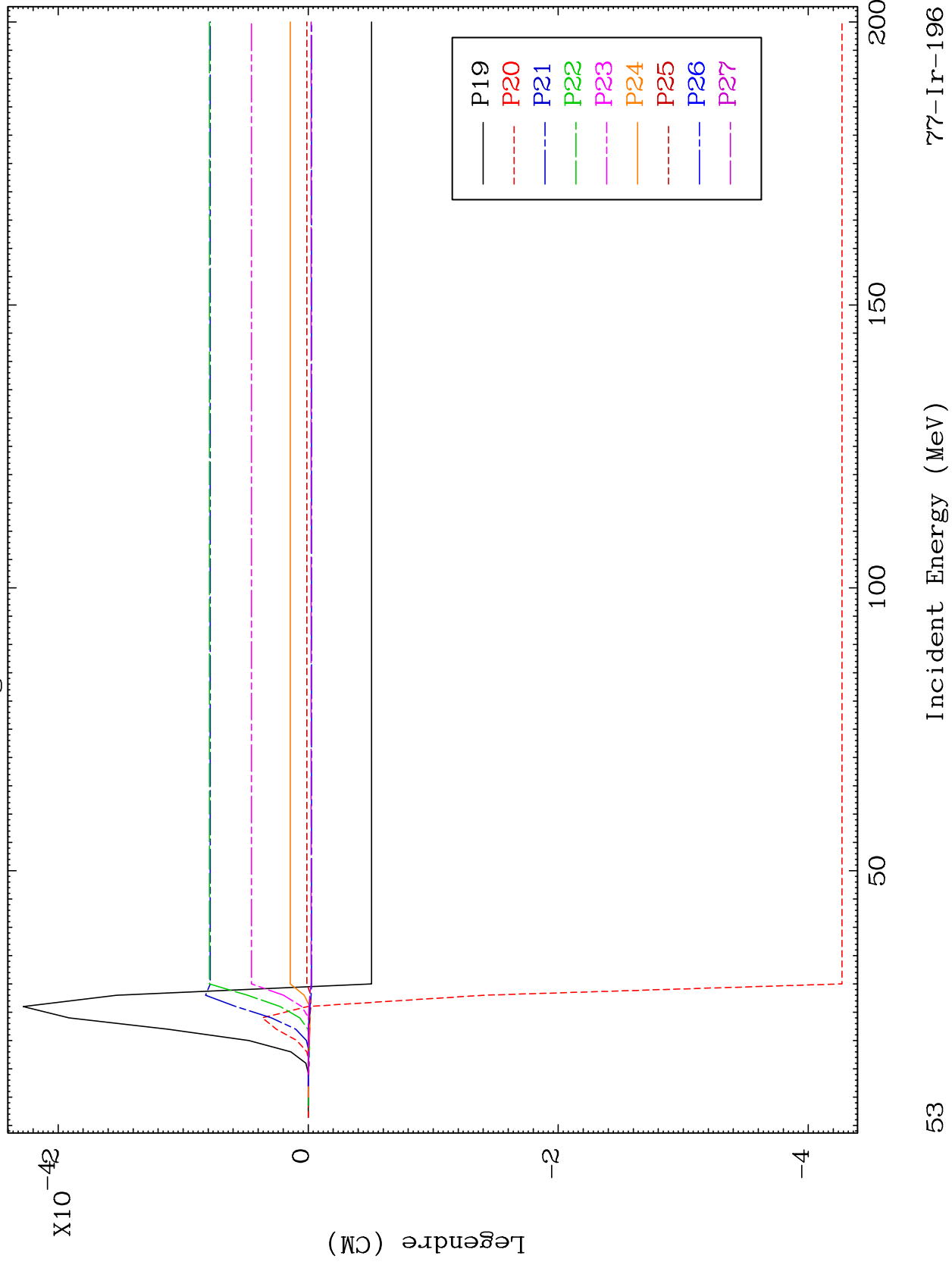
Incident Energy (MeV)

77-Ir-196

MAT 7740

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

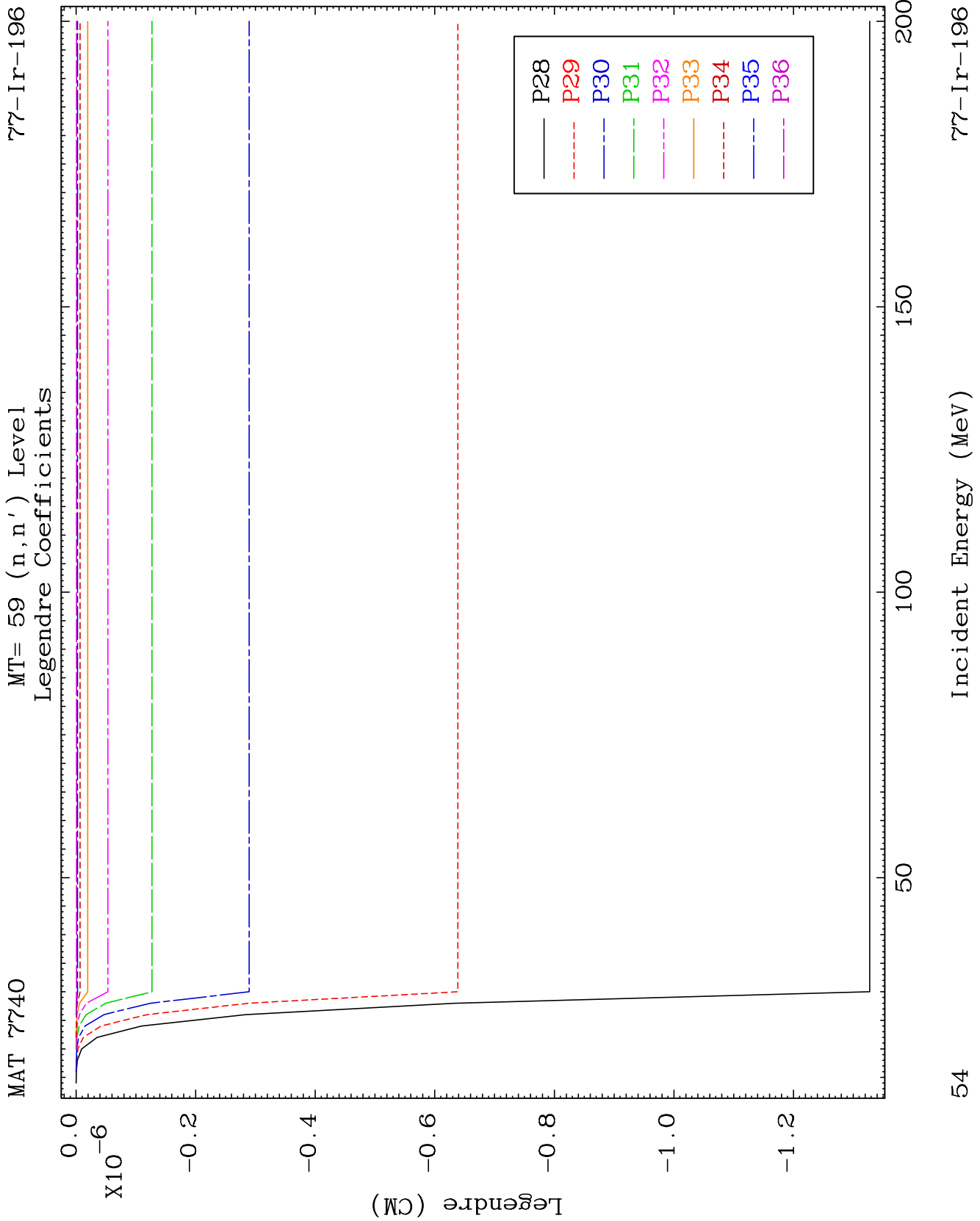
77-Ir-196



53

Incident Energy (MeV)

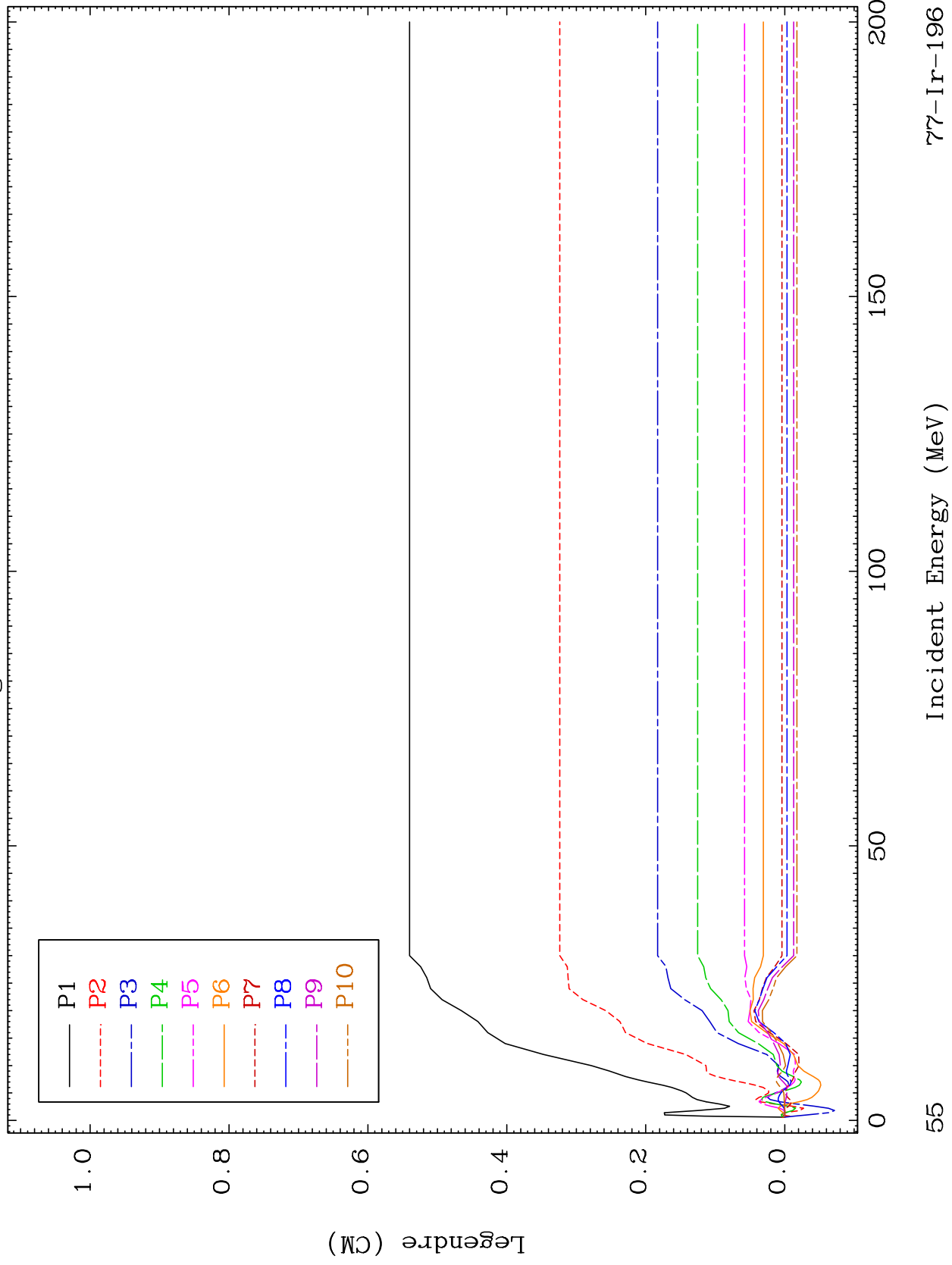
77-Ir-196



MAT 7740

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

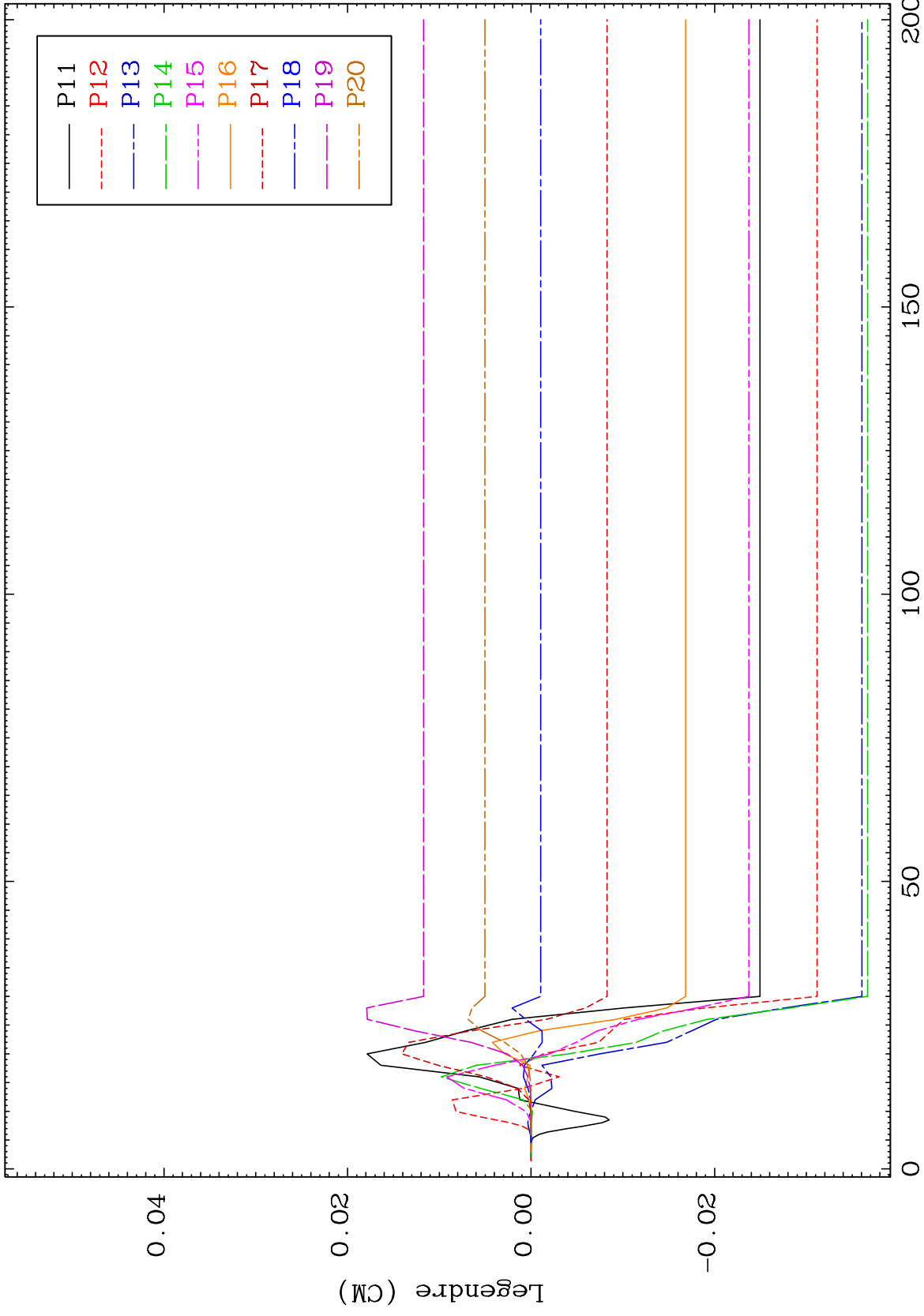
77-Ir-196



MAT 7740

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

77-Ir-196



56

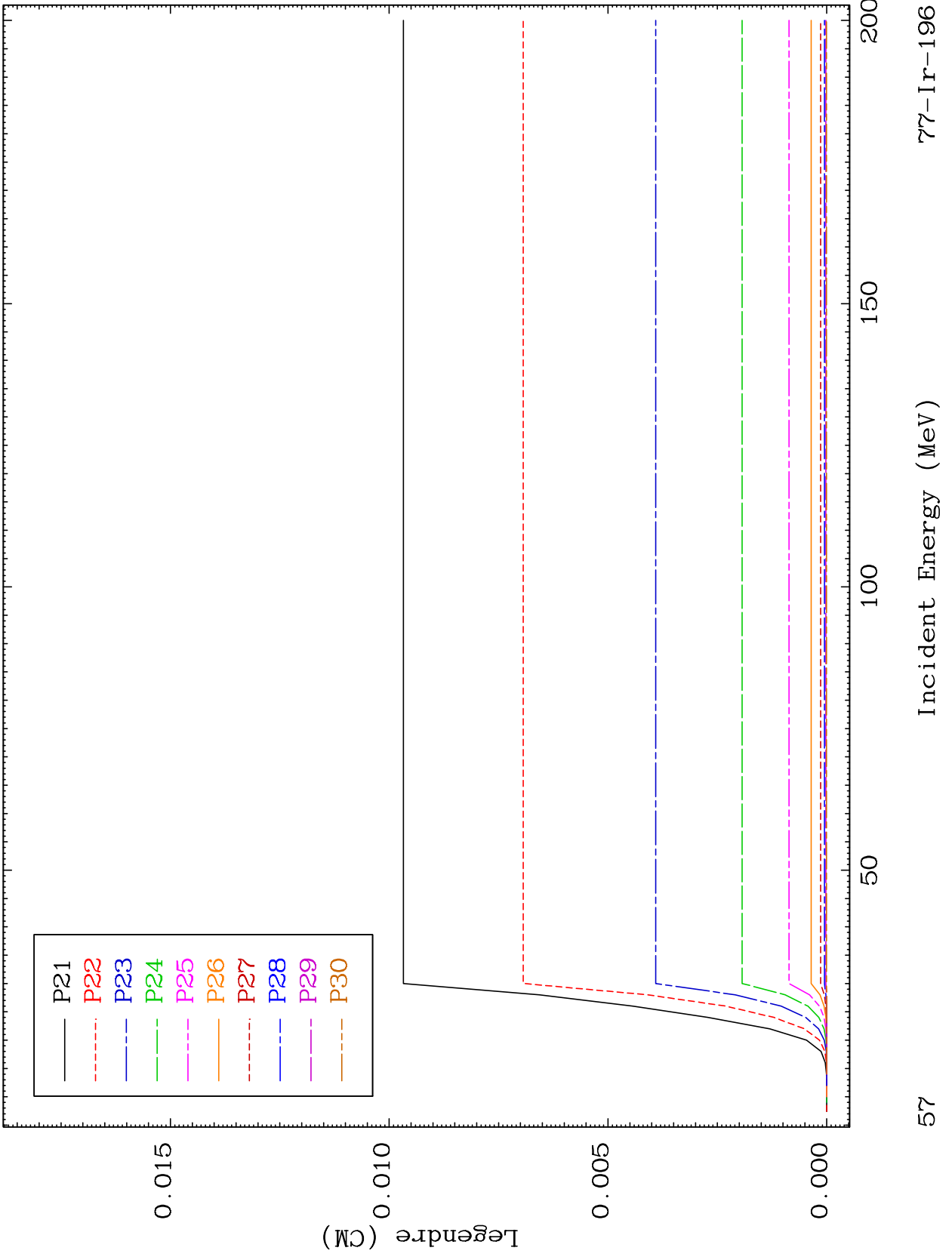
Incident Energy (MeV)

77-Ir-196

MAT 7740

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

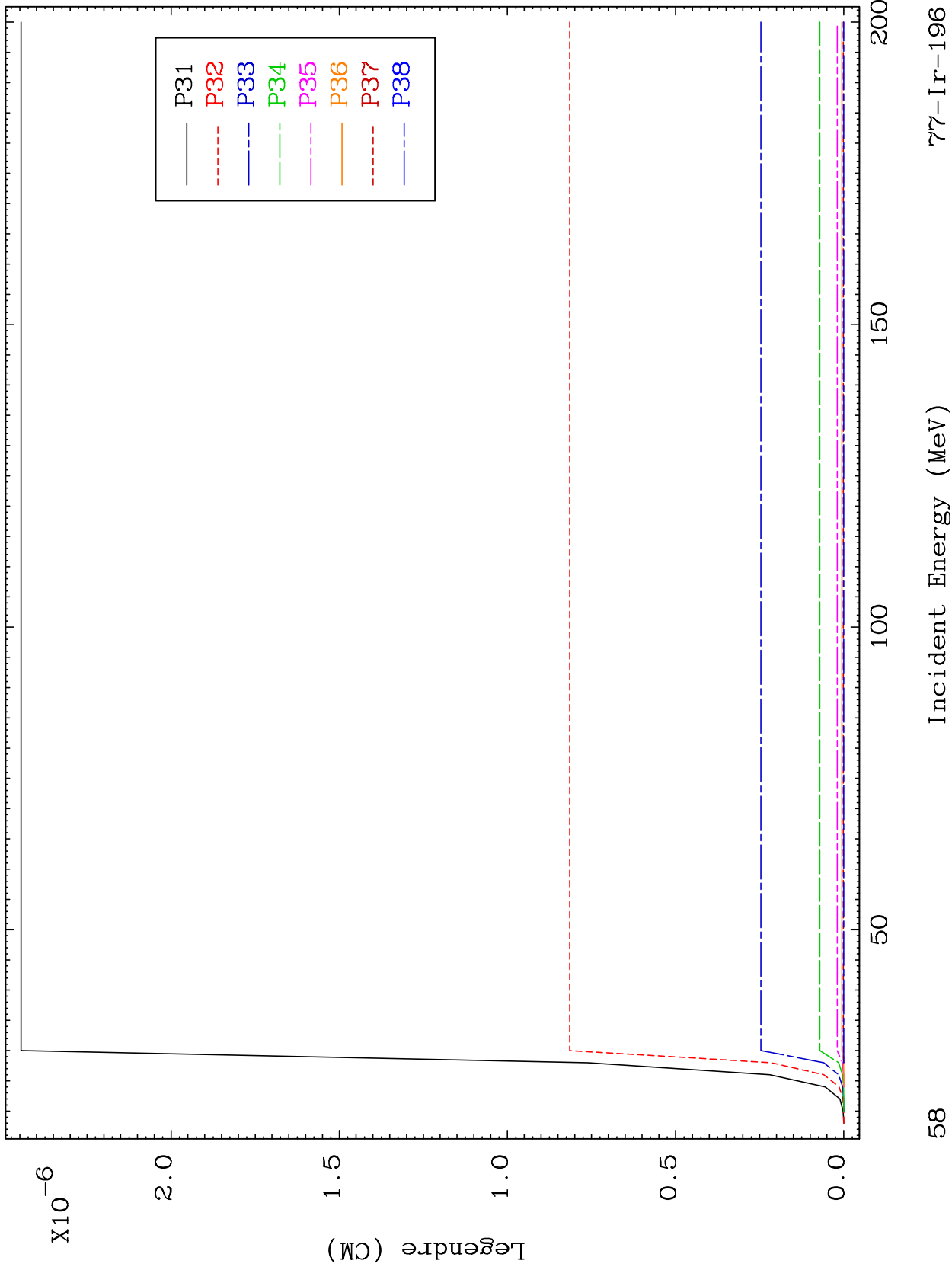
77-Ir-196



57

Incident Energy (MeV)

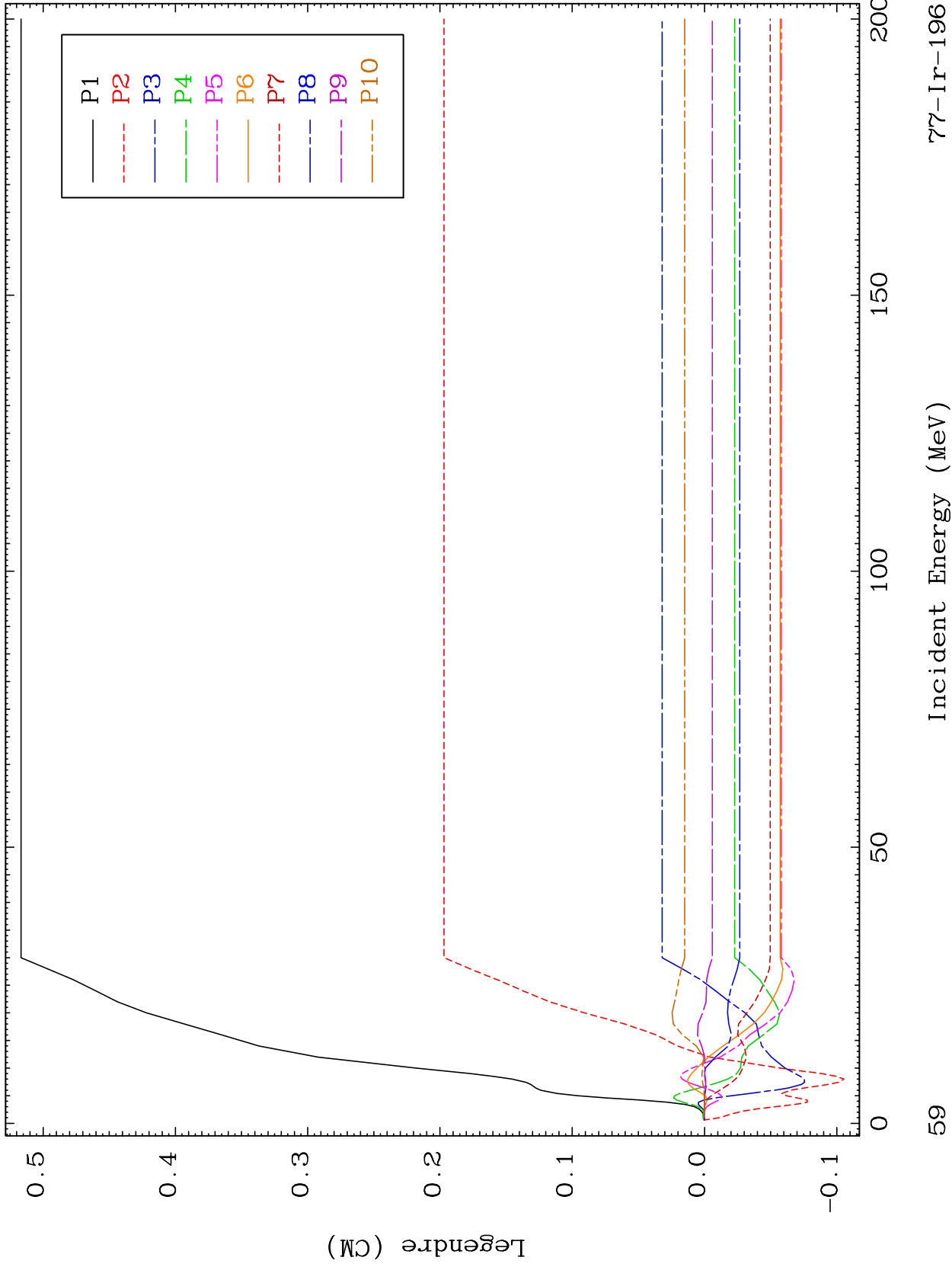
77-Ir-196



MAT 7740

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

77-Ir-196

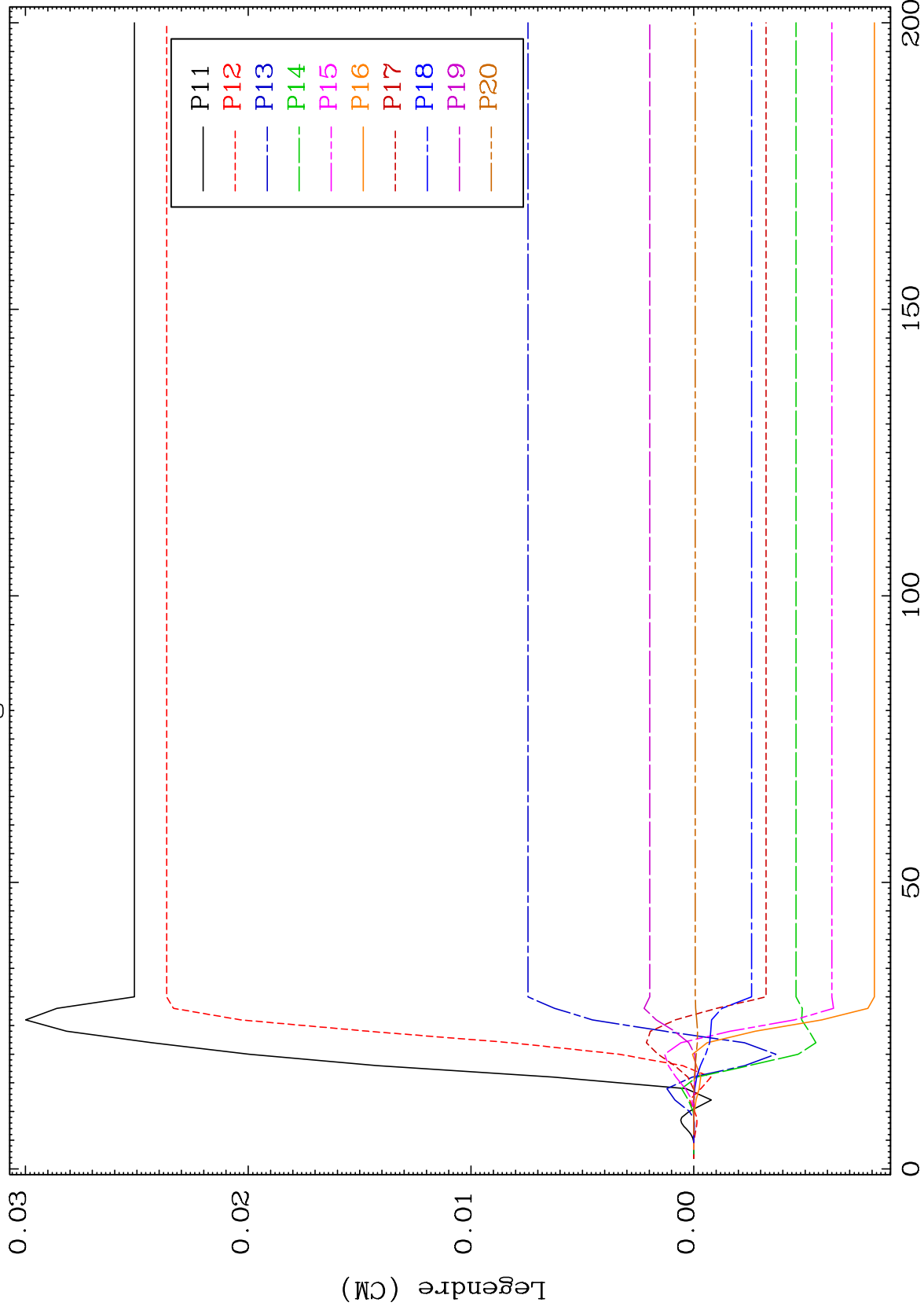


77-Ir-196

MAT 7740

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

77-Ir-196



77-Ir-196

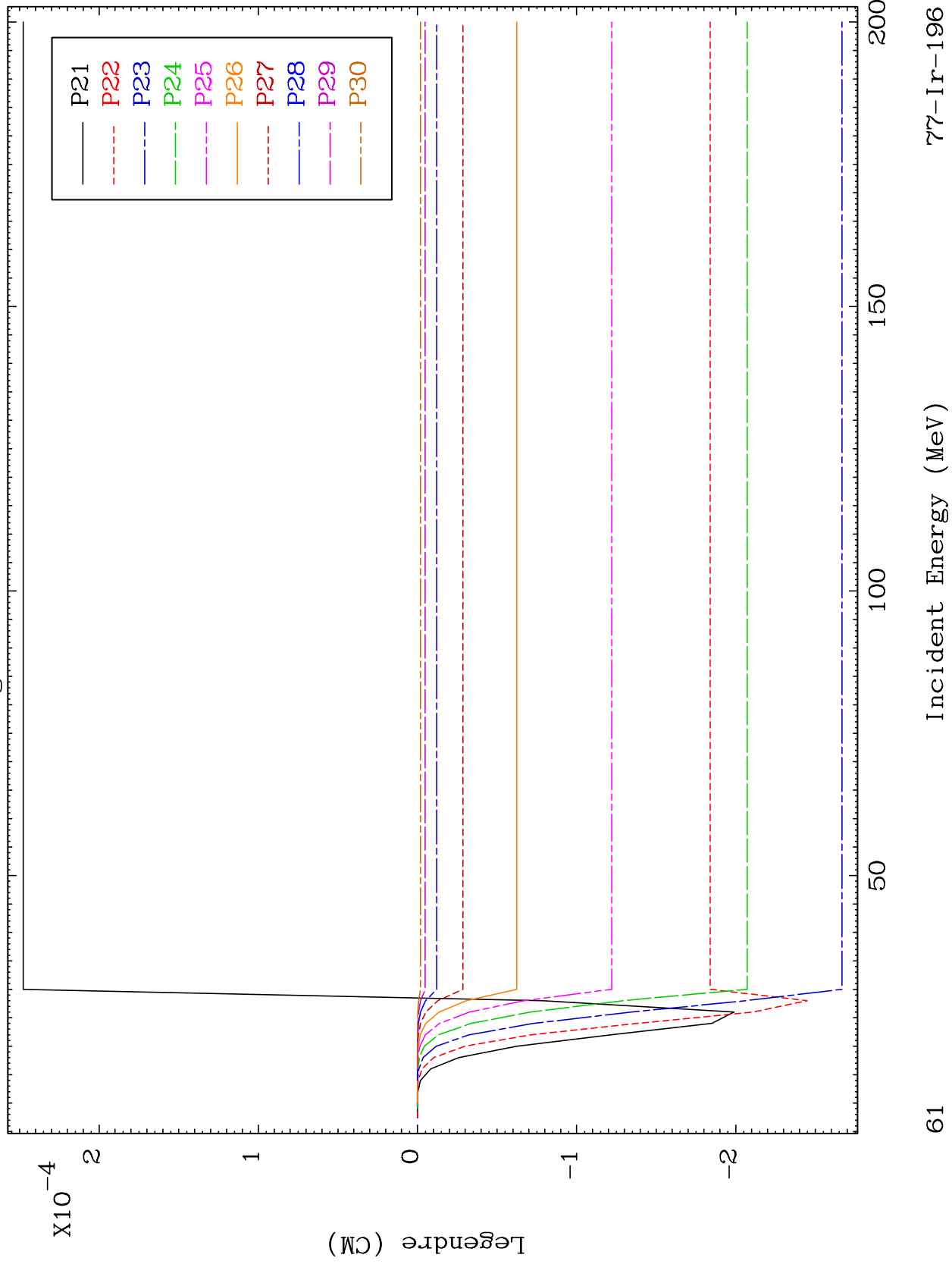
Incident Energy (MeV)

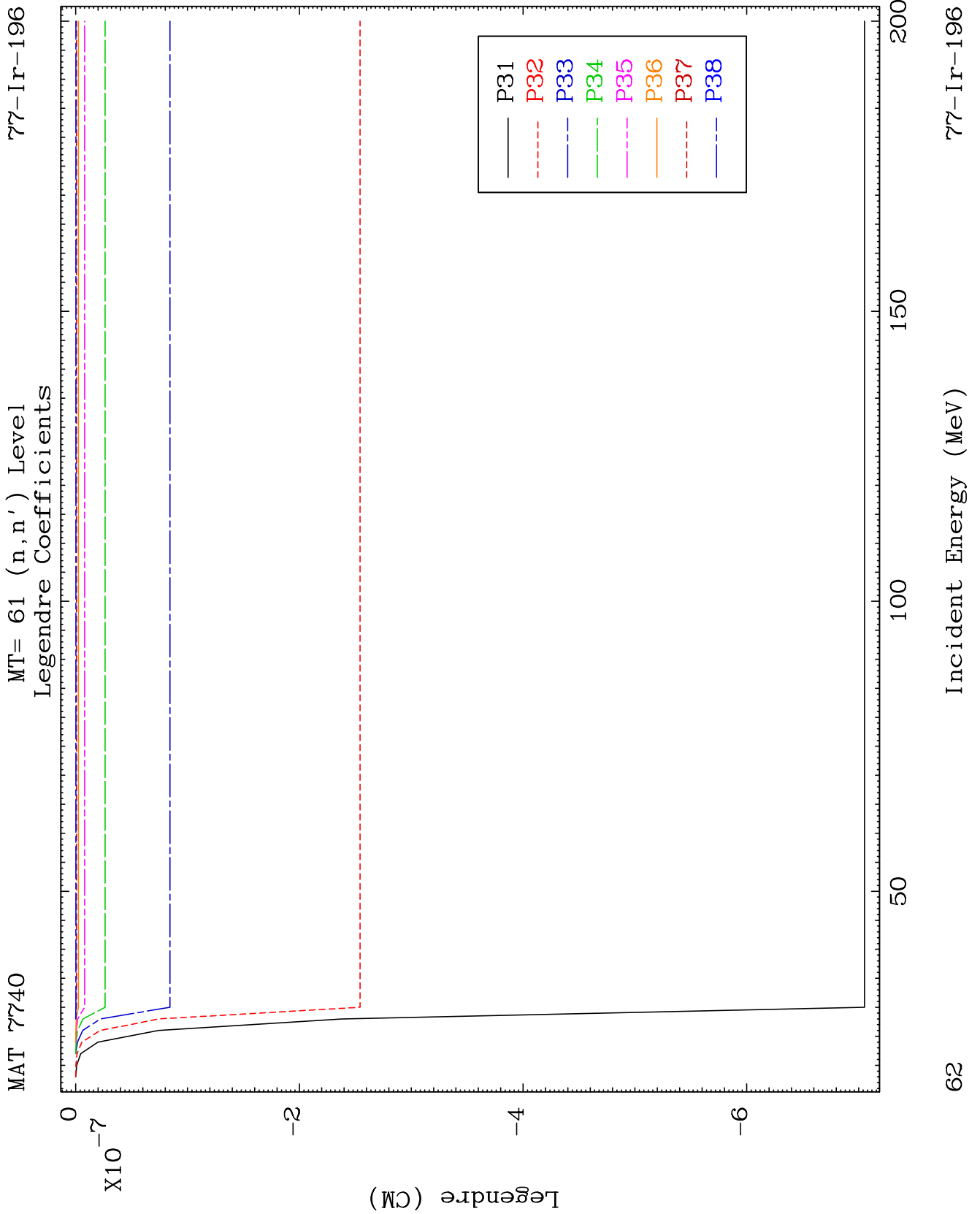
60

MAT 7740

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

77-Ir-196

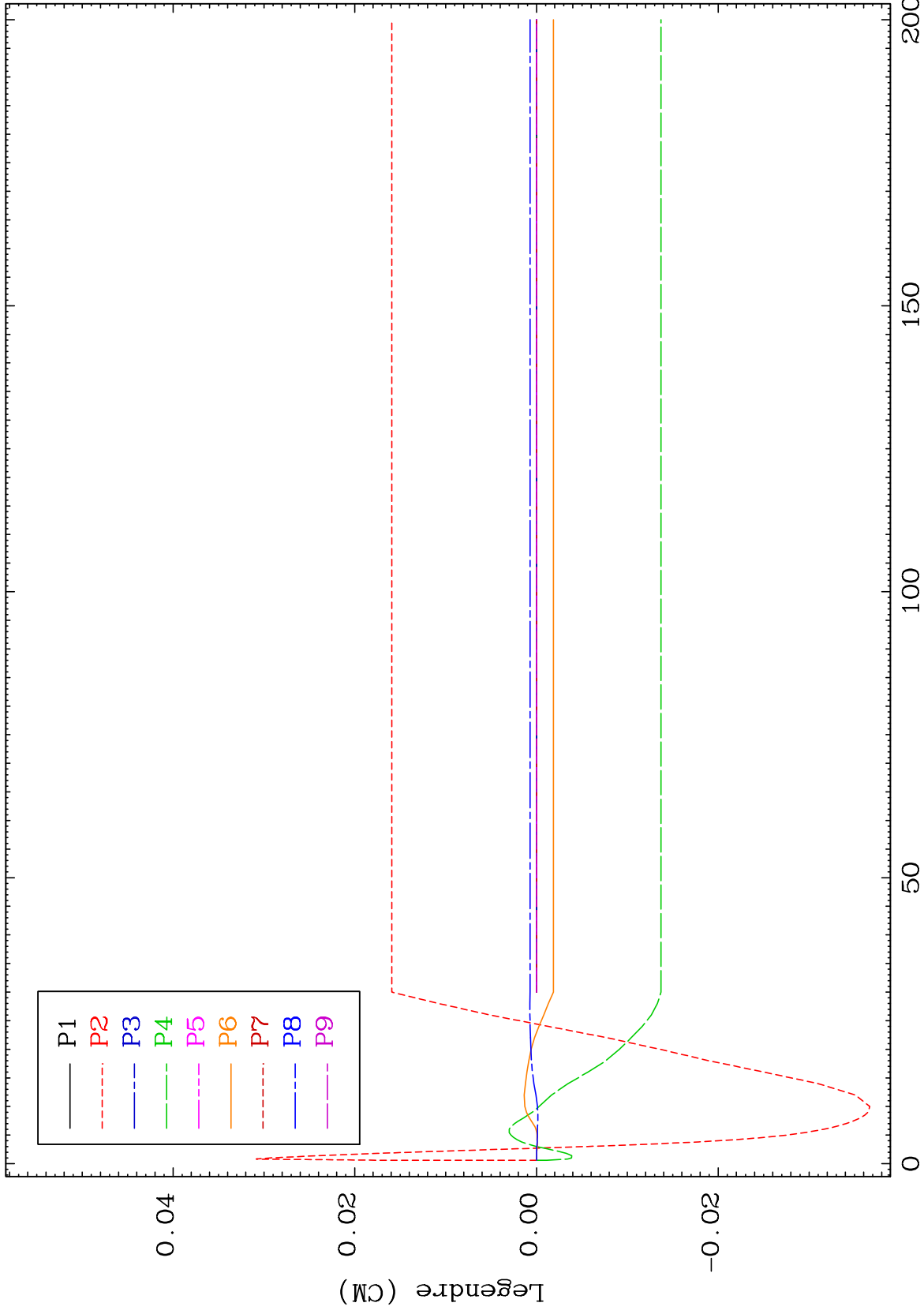




MAT 7740

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

77-Ir-196



77-Ir-196

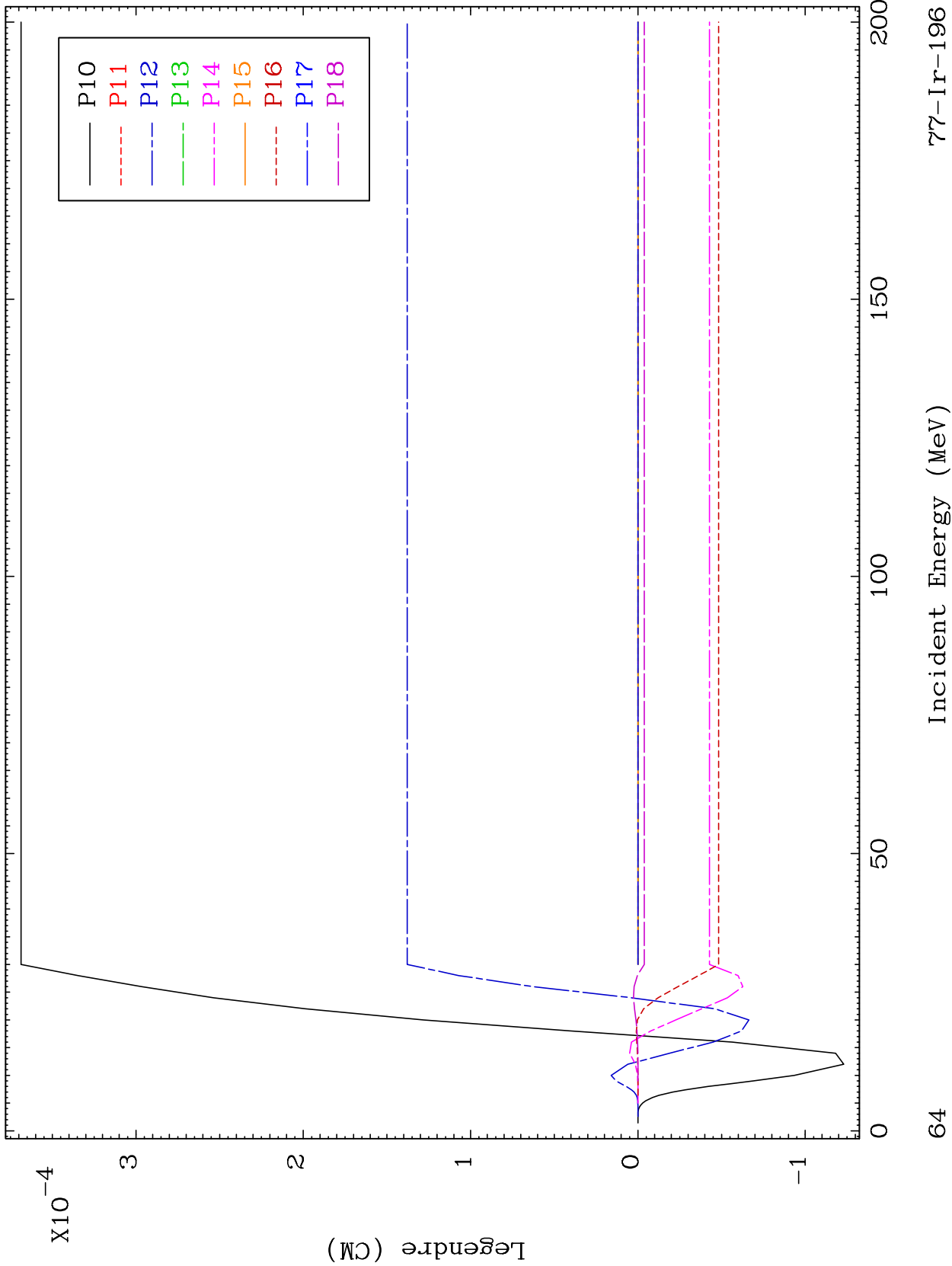
Incident Energy (MeV)

63

MAT 7740

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

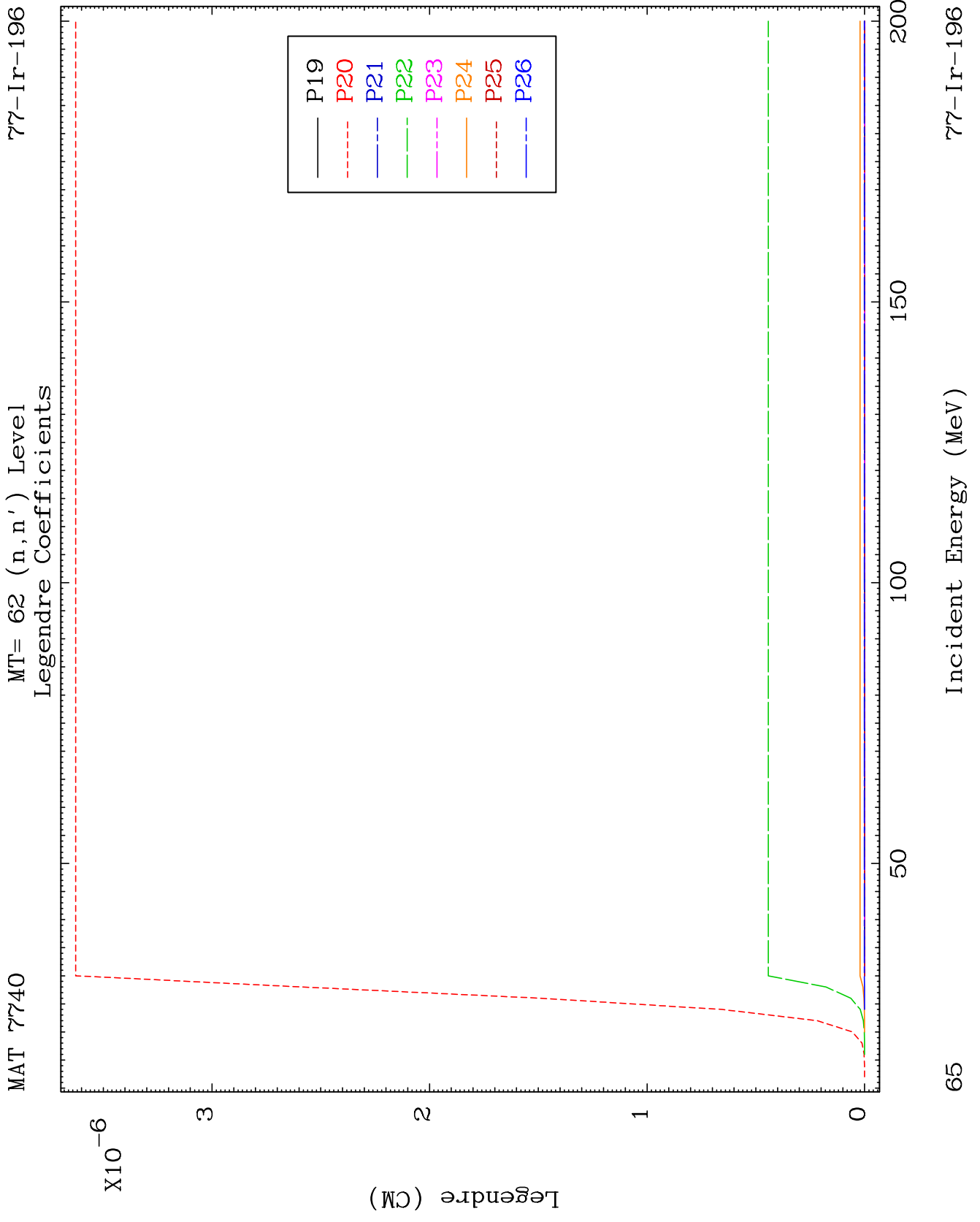
77-Ir-196



77-Ir-196

Incident Energy (MeV)

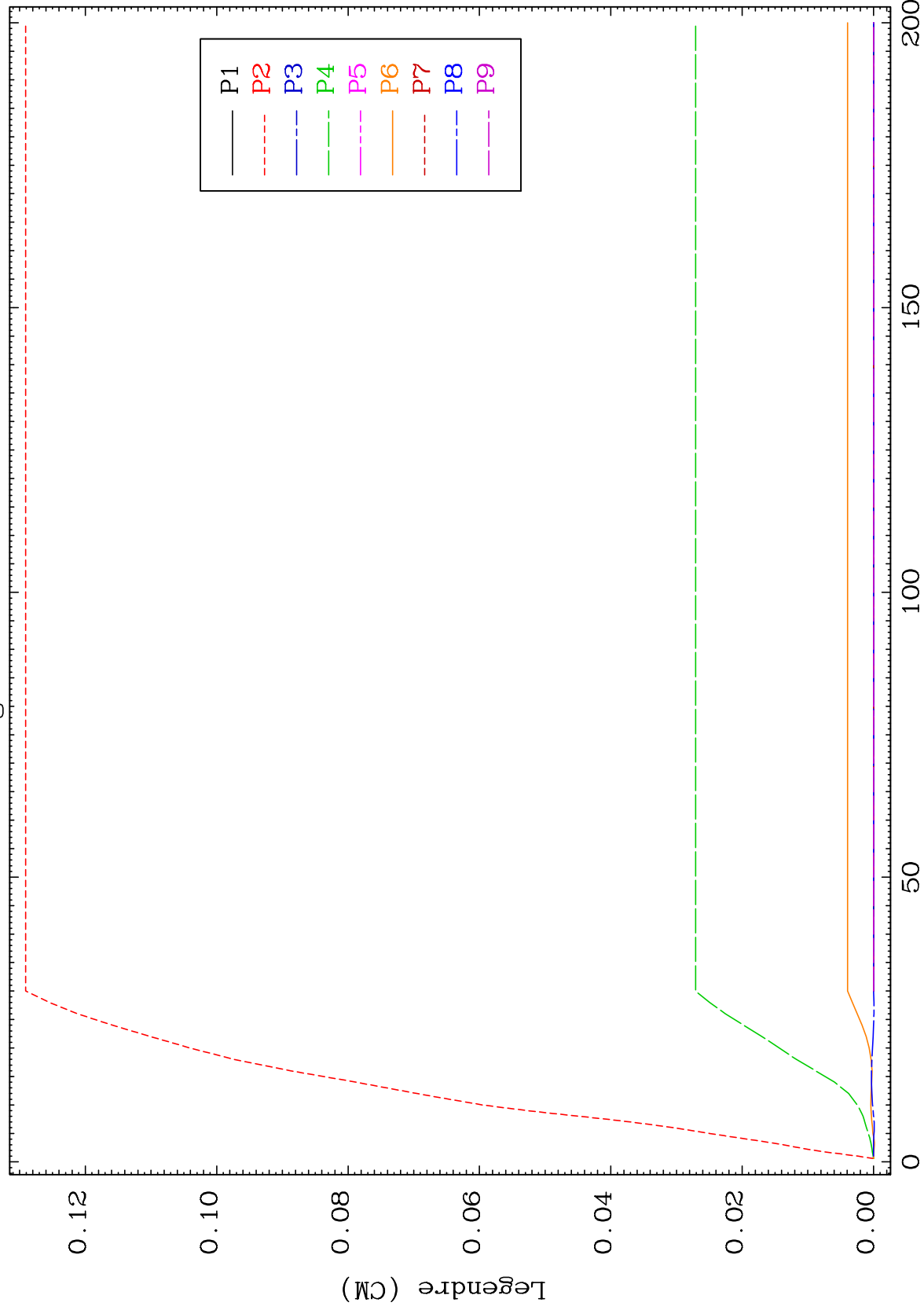
64



MAT 7740

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

77-Ir-196



66

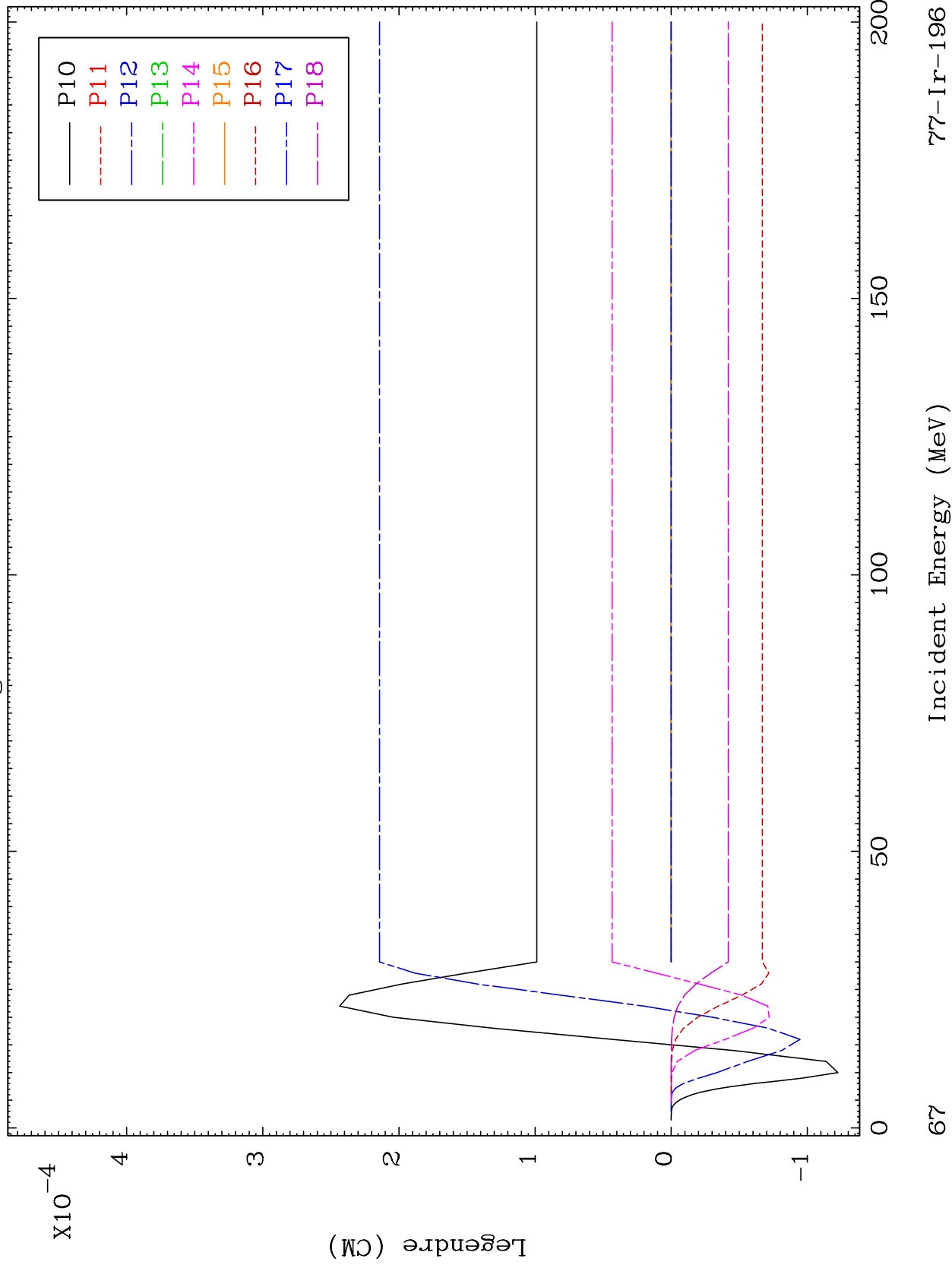
Incident Energy (MeV)

77-Ir-196

MAT 7740

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

77-Ir-196



77-Ir-196

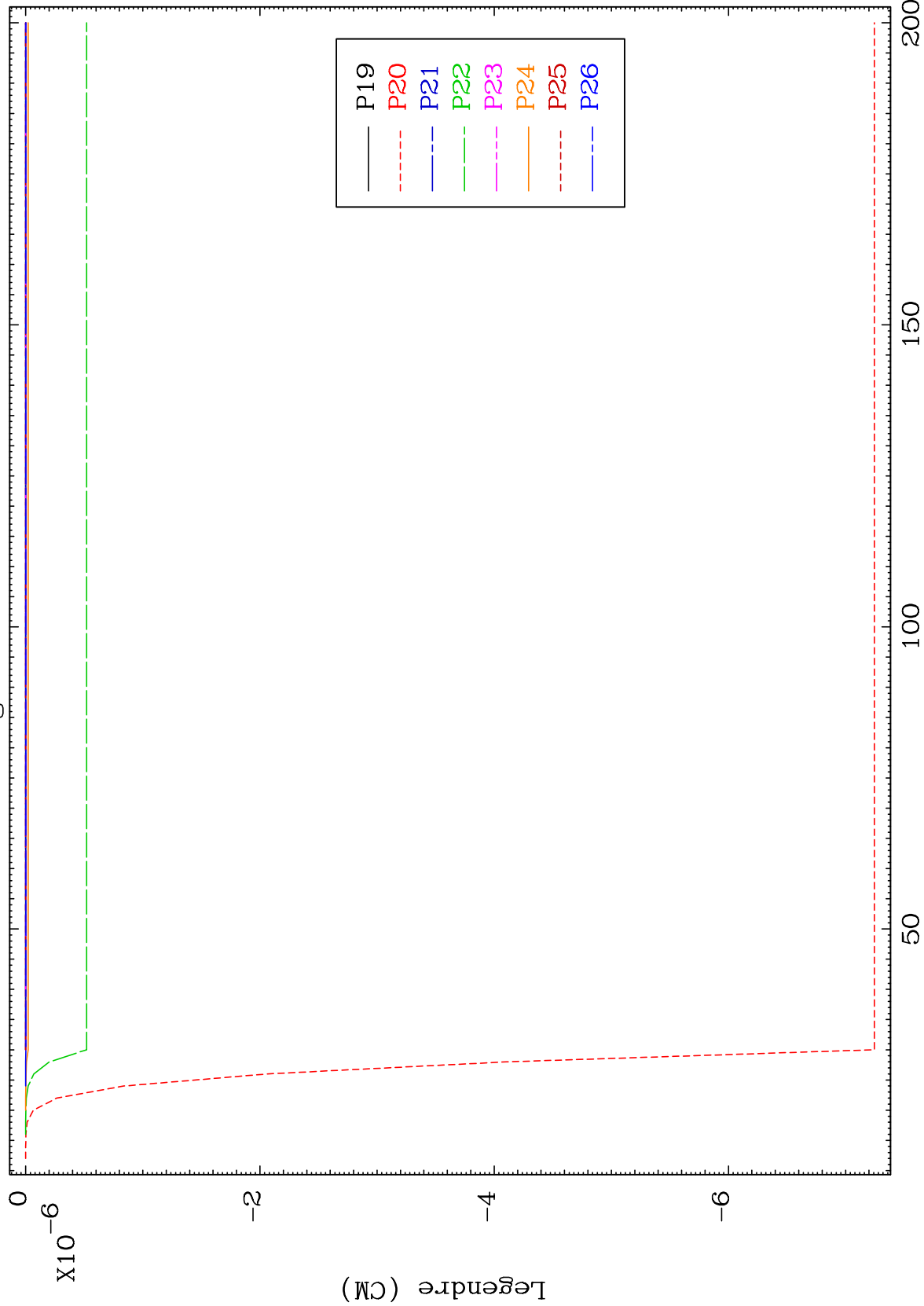
Incident Energy (MeV)

67

MAT 7740

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

77-Ir-196



68

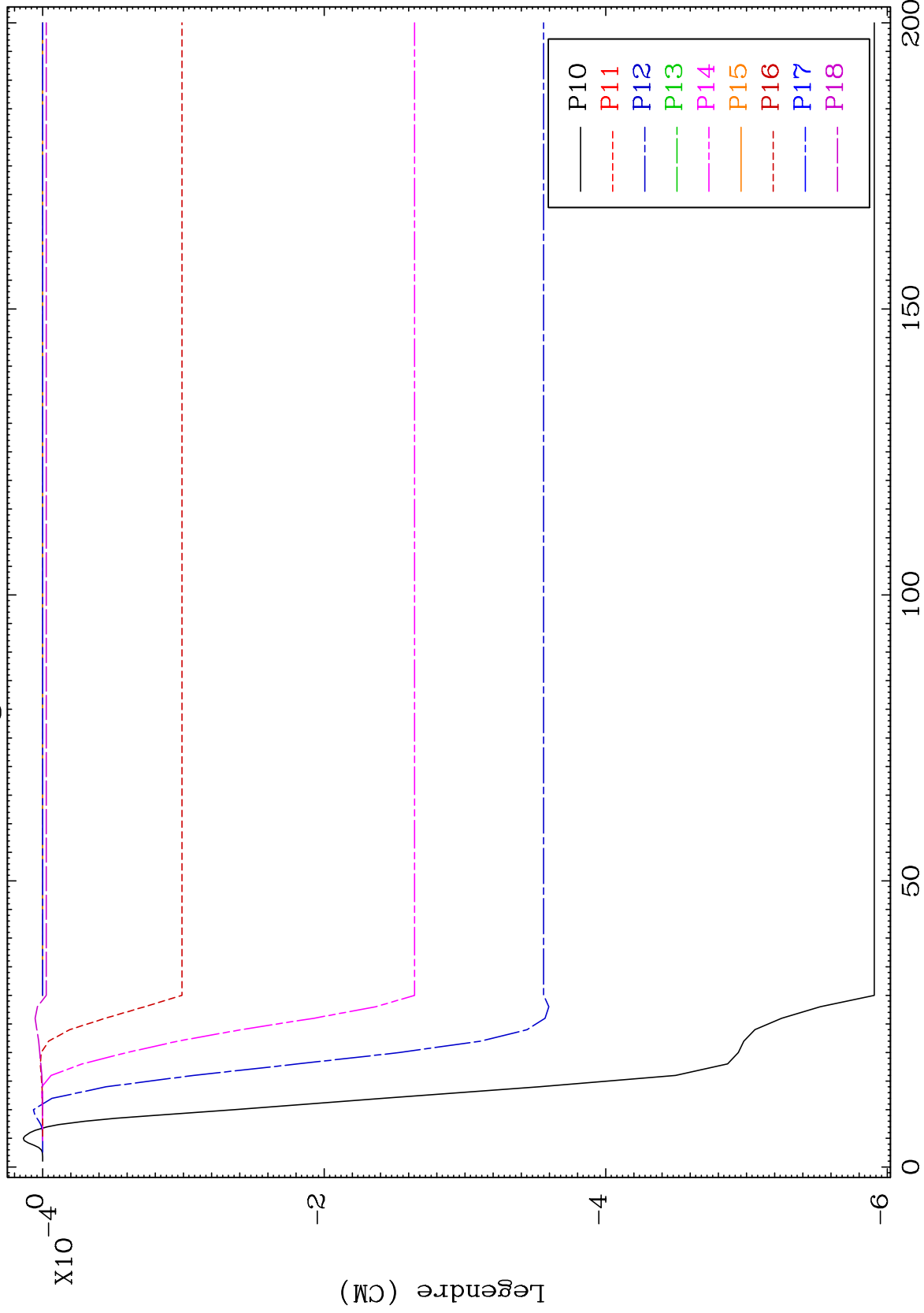
Incident Energy (MeV)

77-Ir-196

MAT 7740

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

77-Ir-196



70

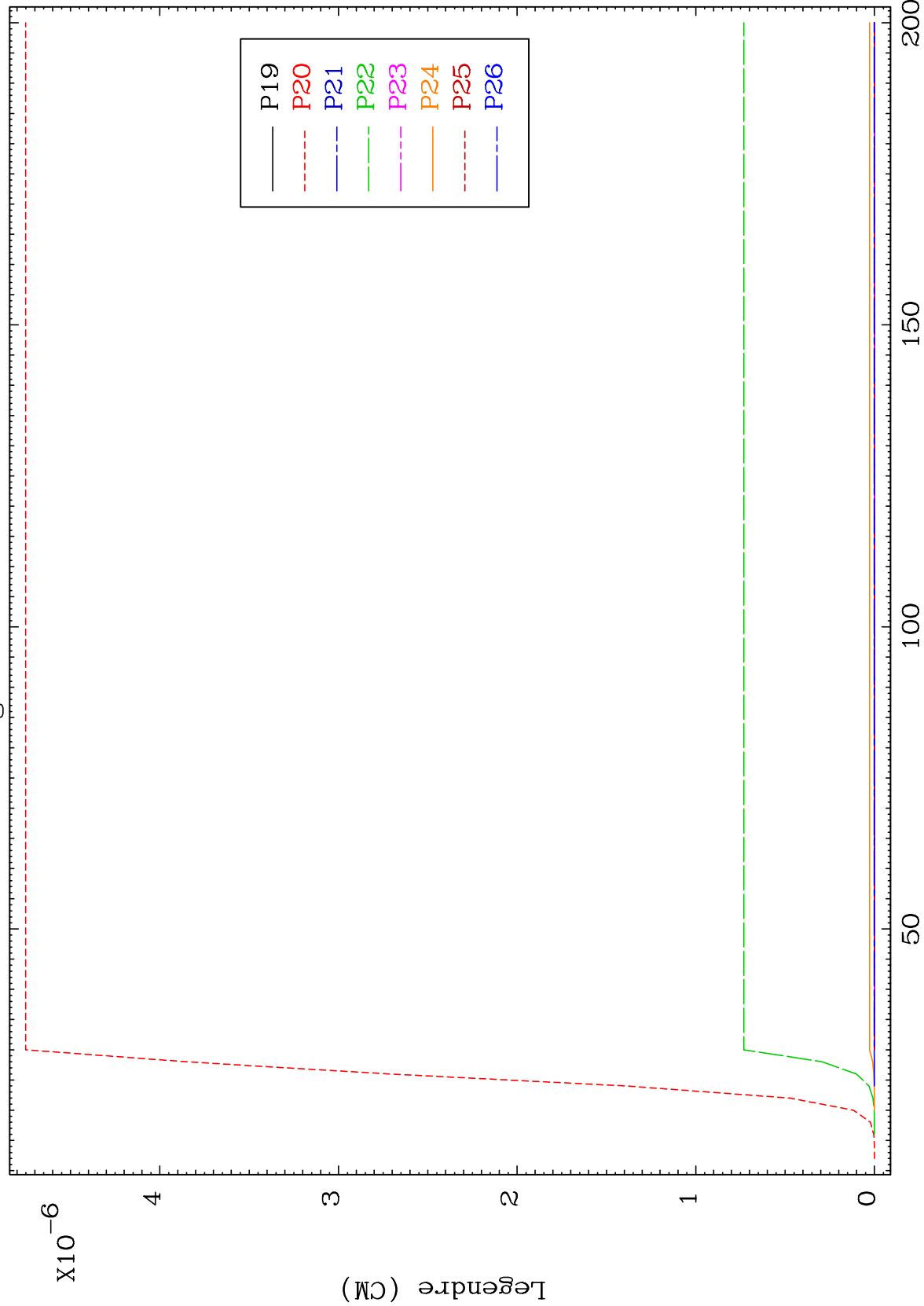
Incident Energy (MeV)

77-Ir-196

MAT 7740

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

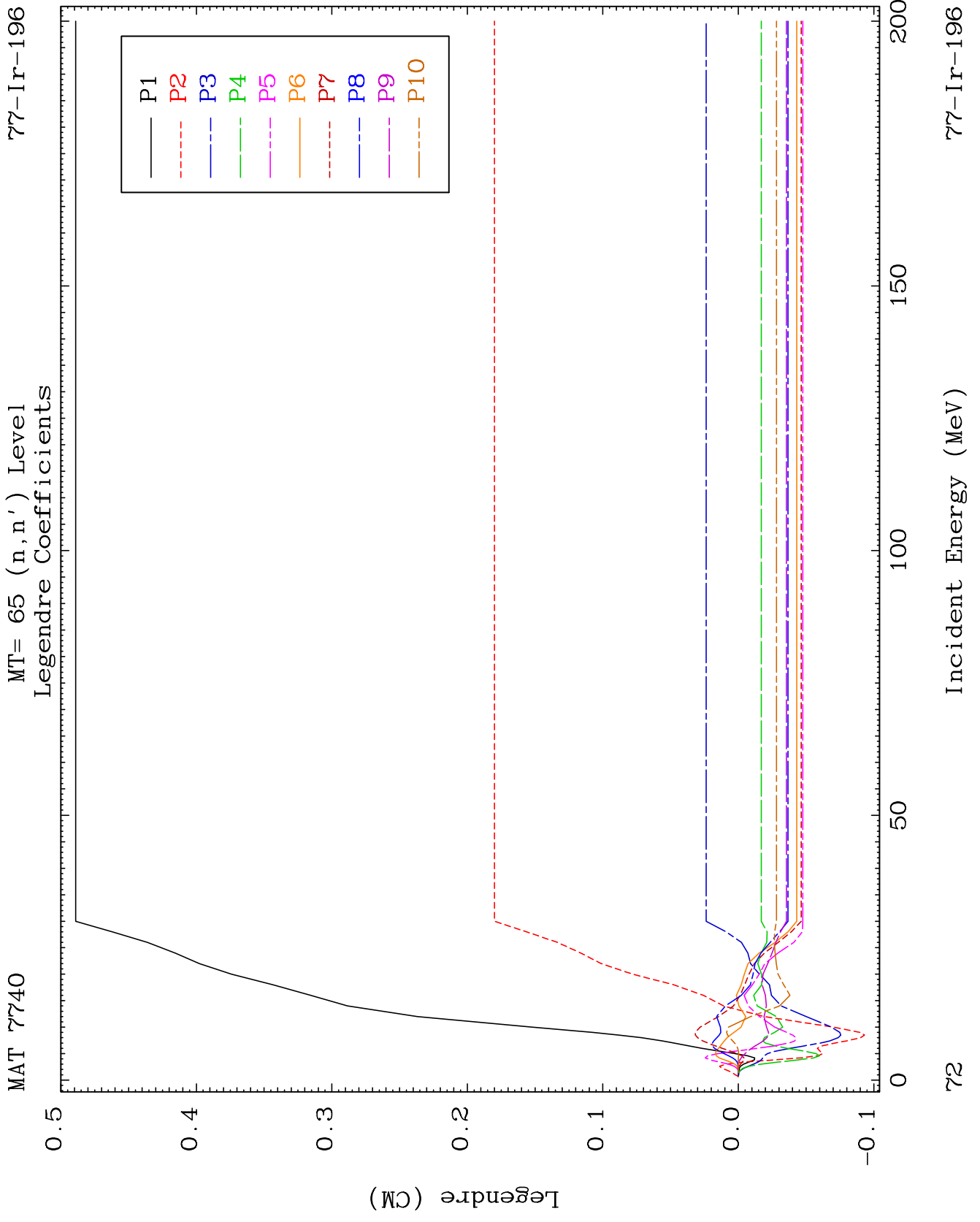
77-Ir-196

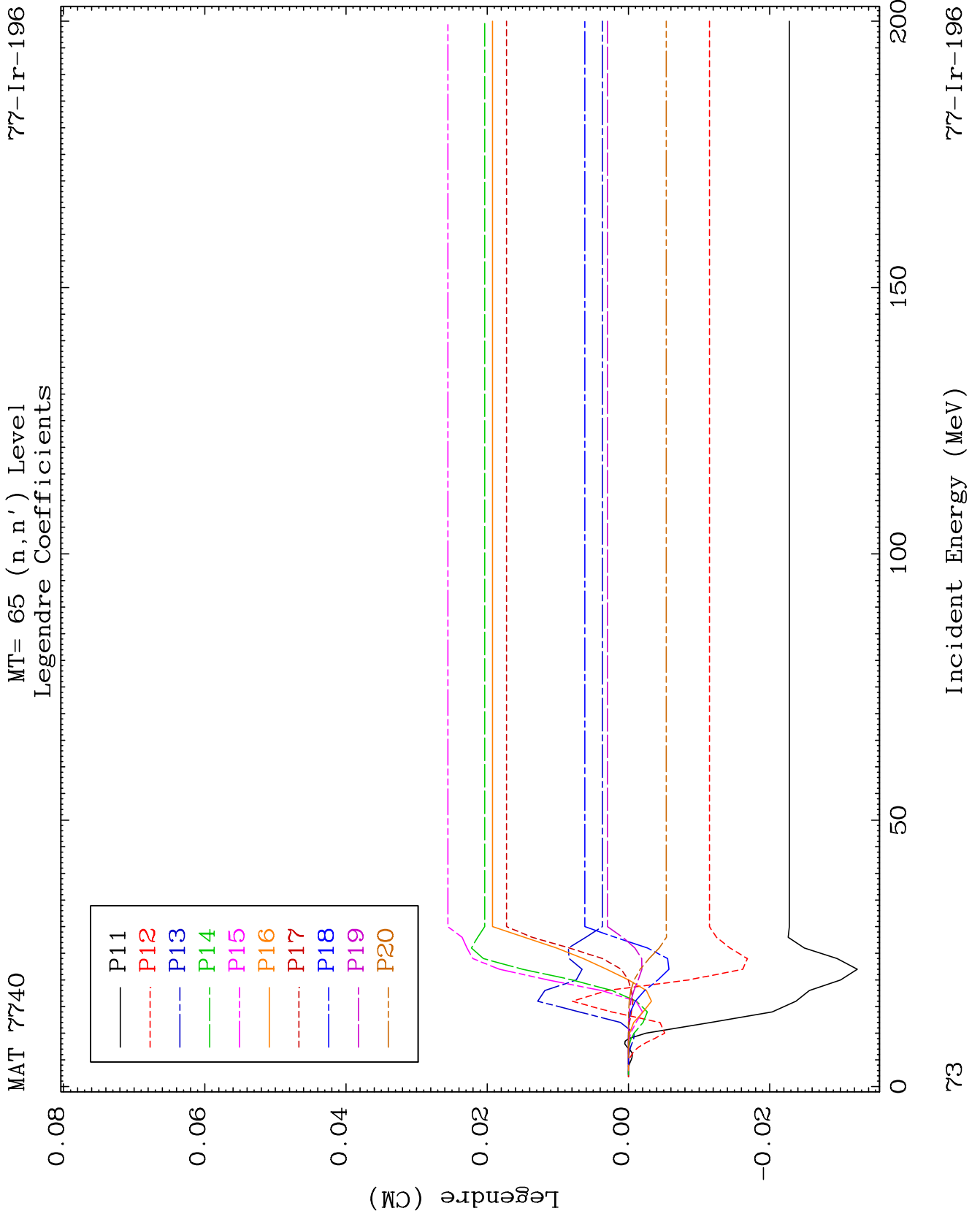


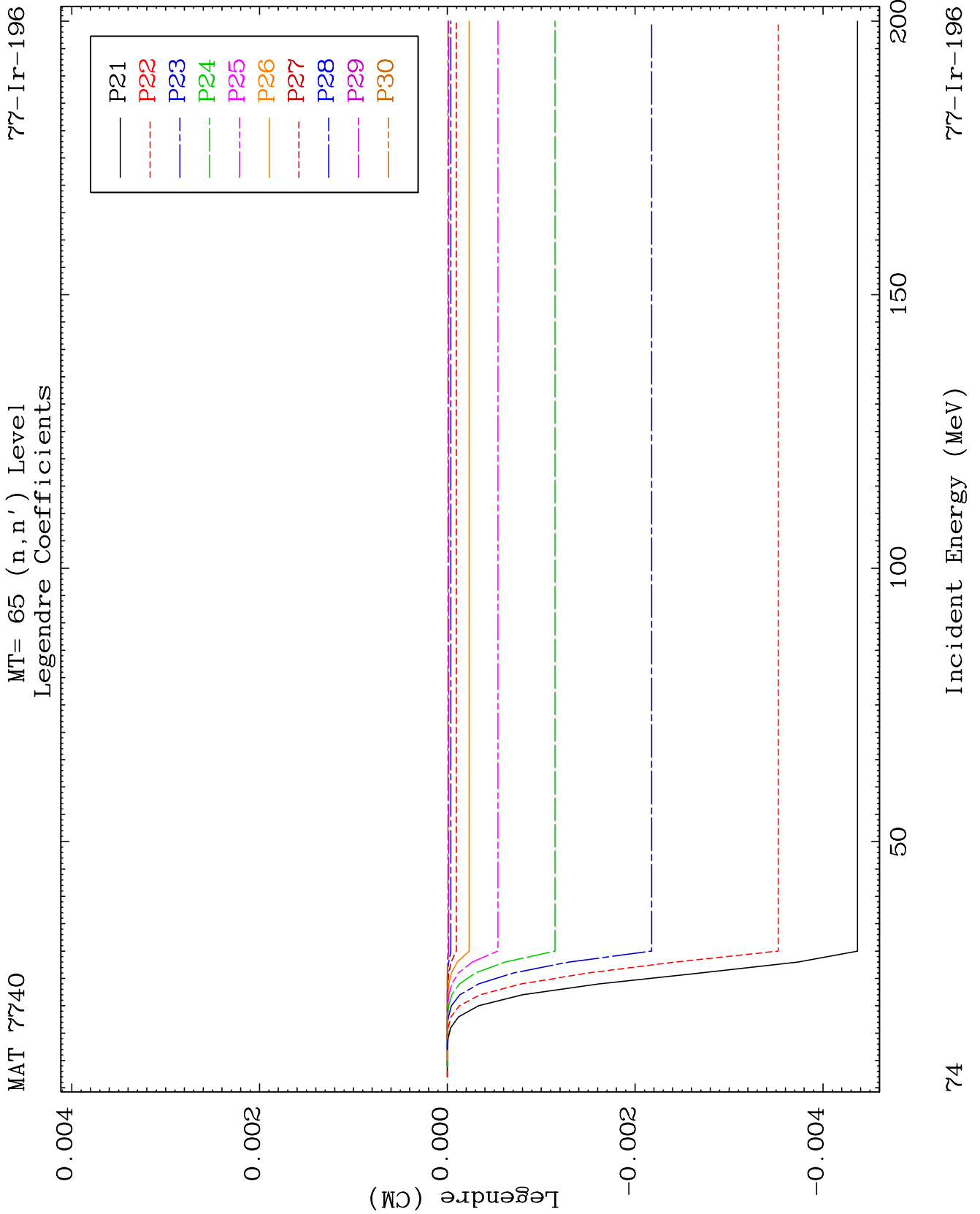
77-Ir-196

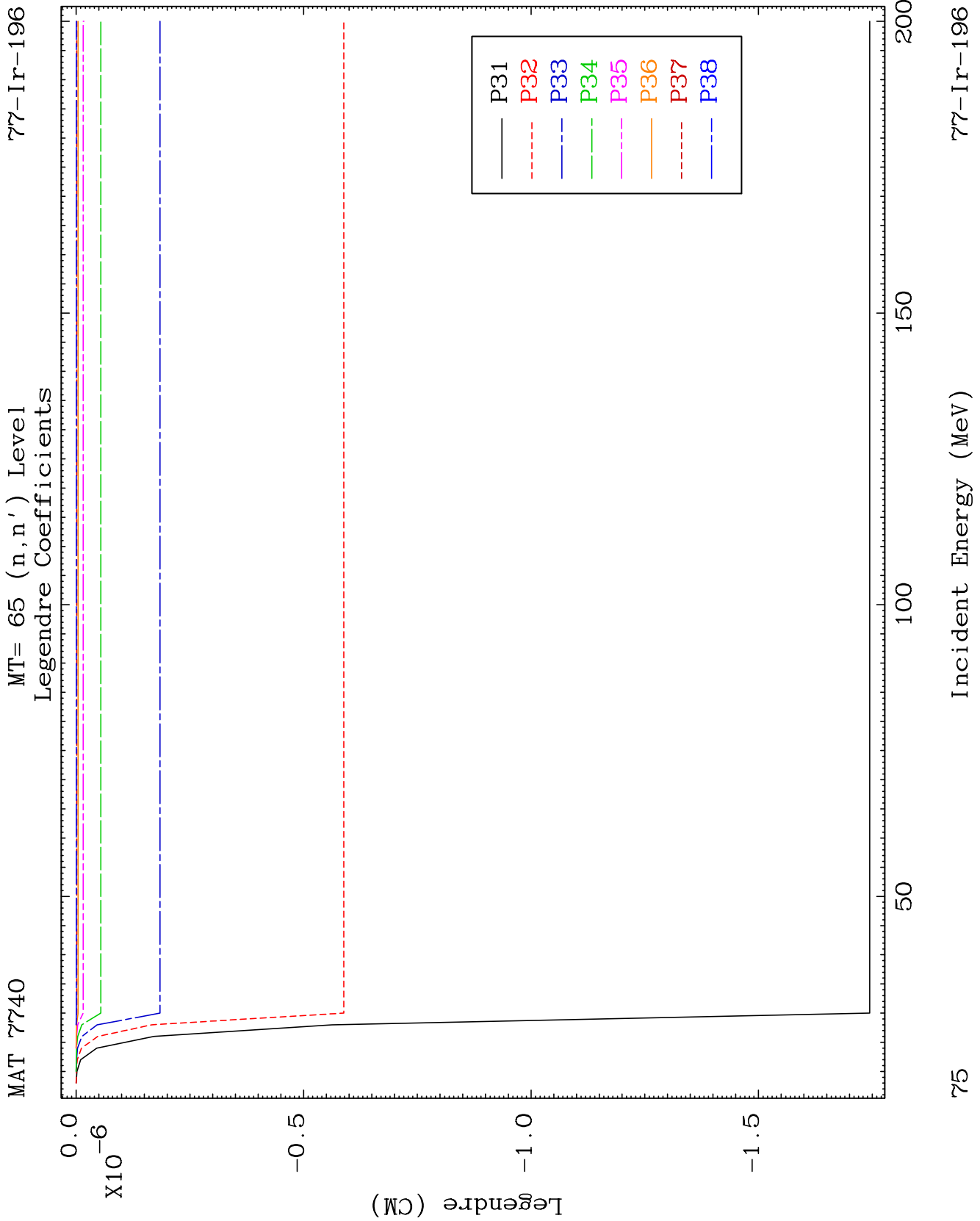
Incident Energy (MeV)

71





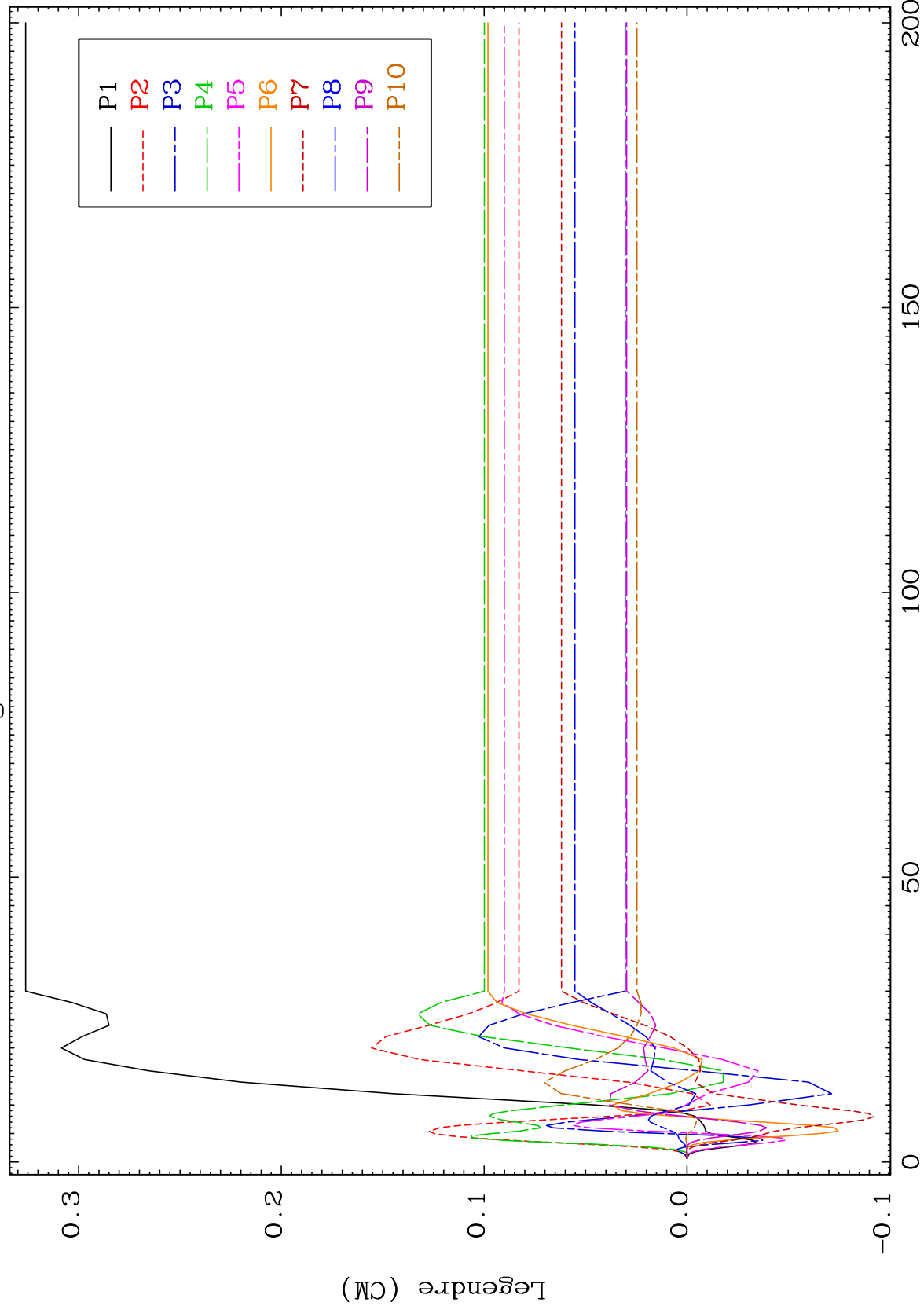




MAT 7740

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

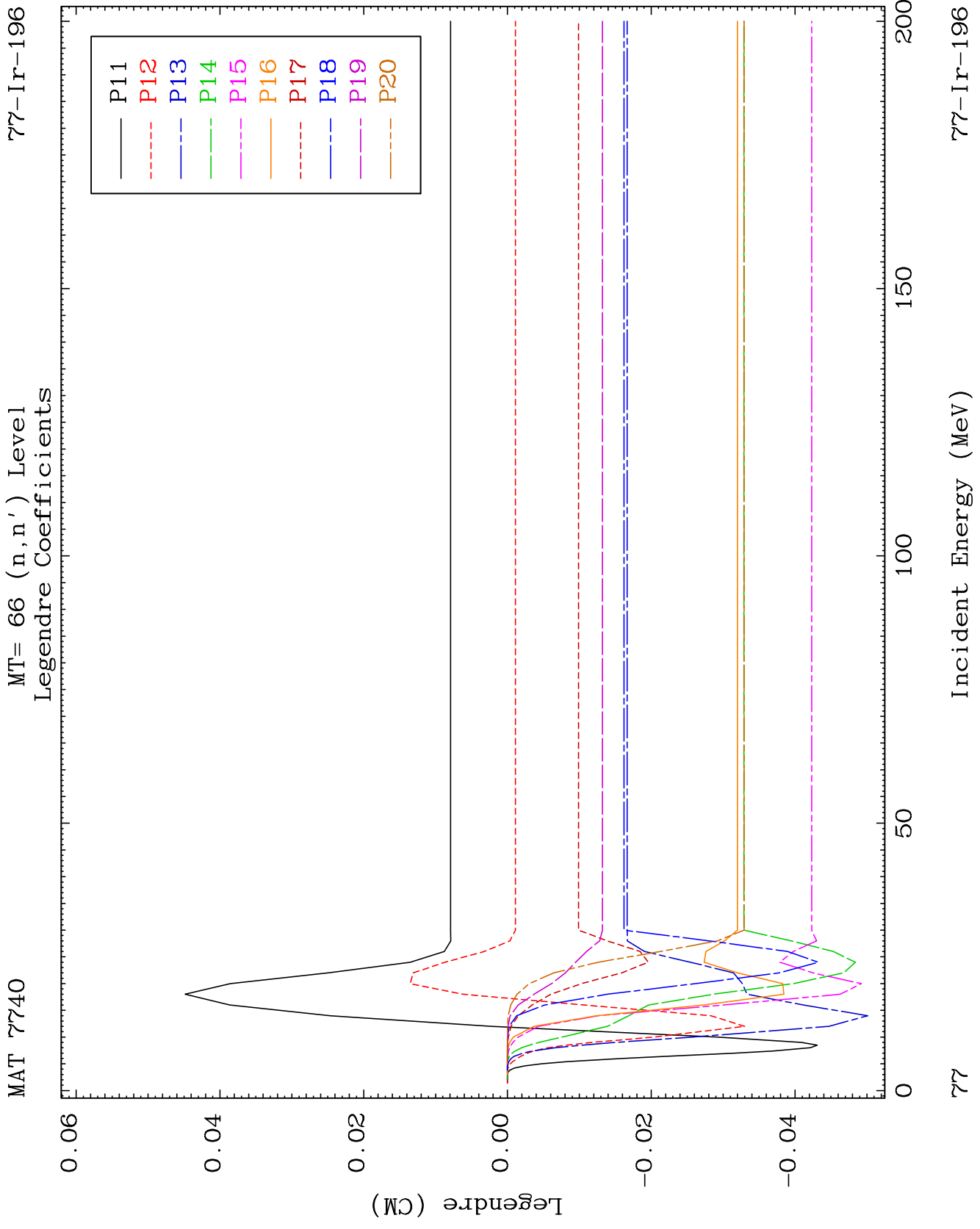
77-Ir-196



76

Incident Energy (MeV)

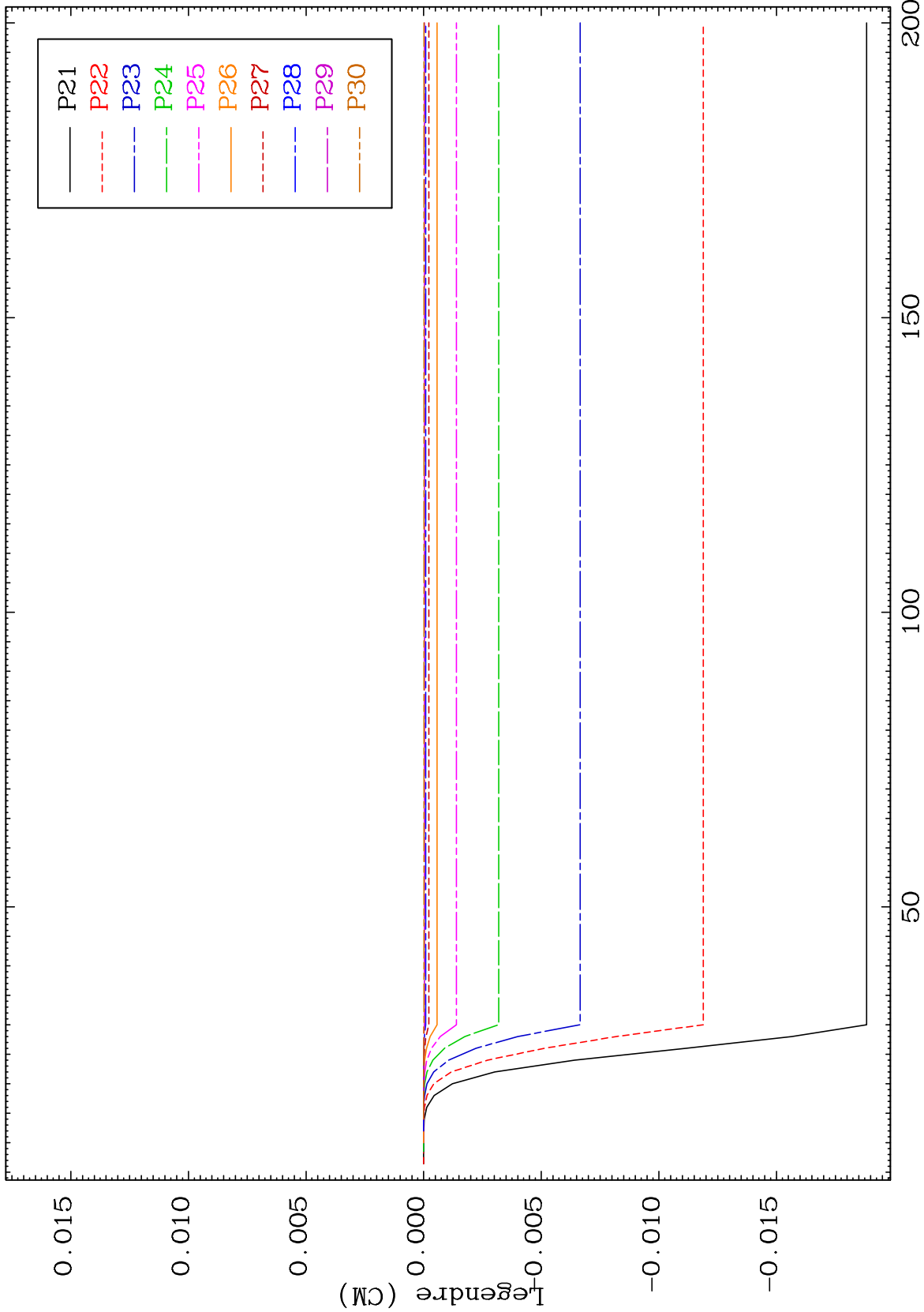
77-Ir-196



MAT 7740

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

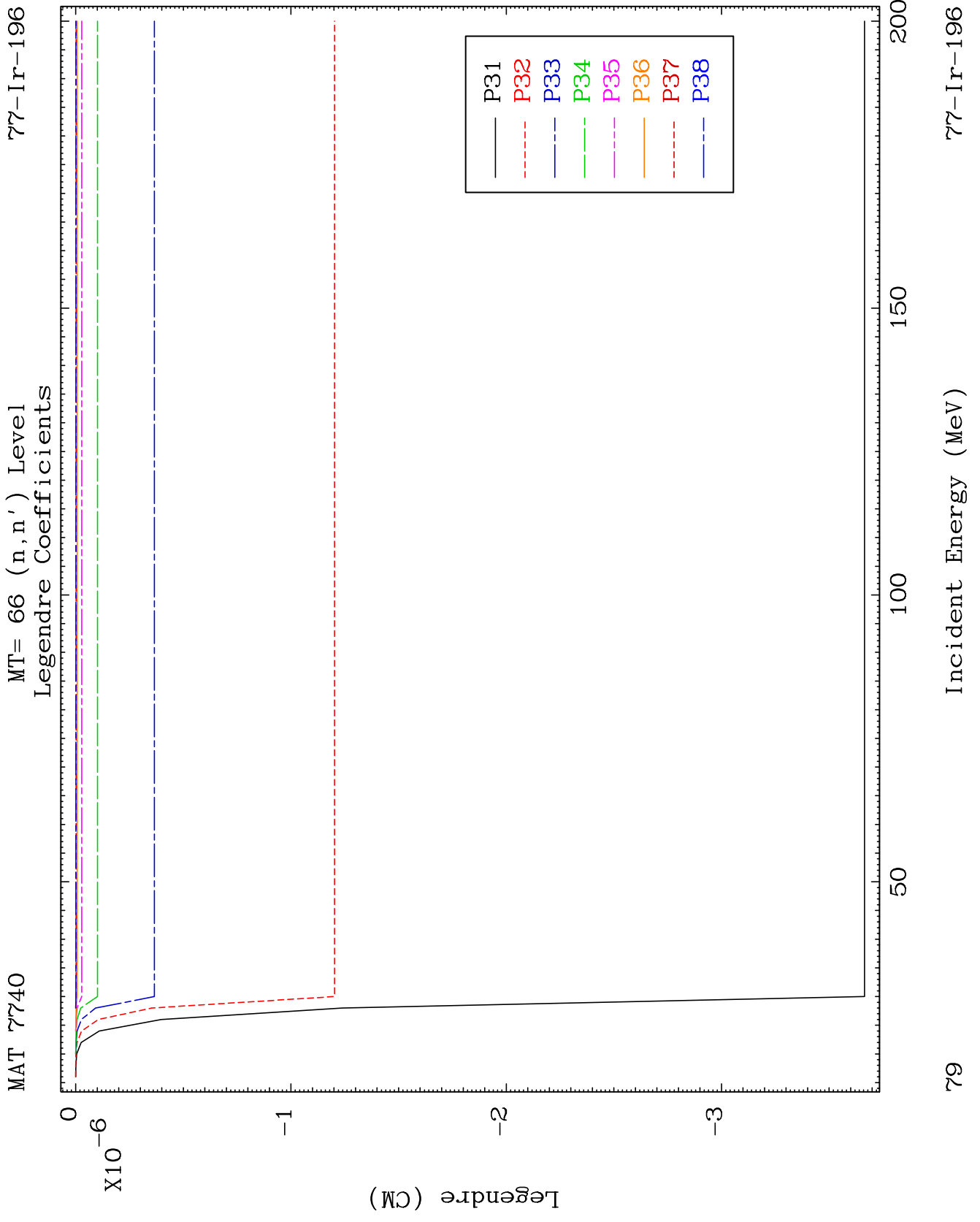
77-Ir-196



78

Incident Energy (MeV)

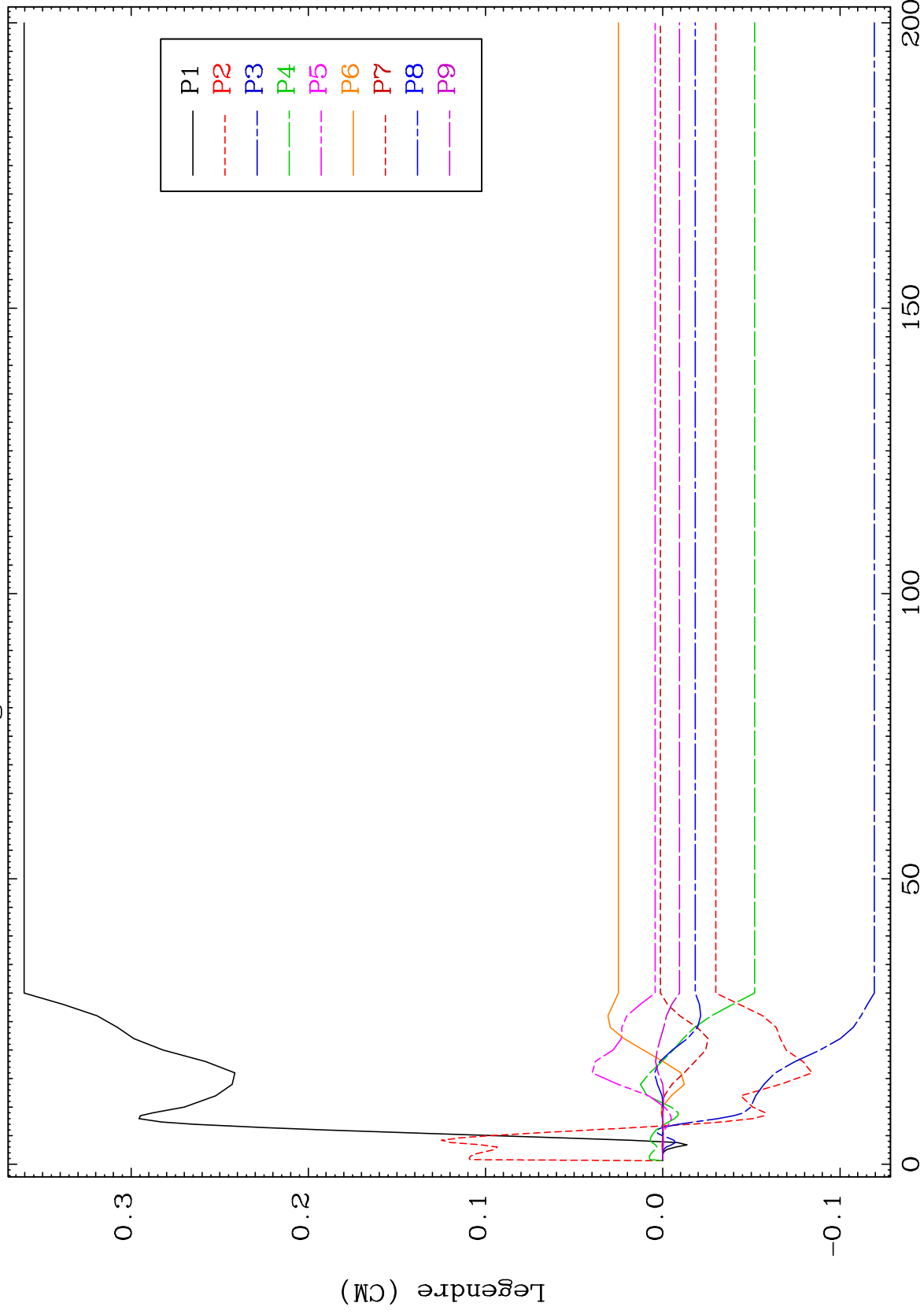
77-Ir-196



MAT 7740

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

77-Ir-196



77-Ir-196

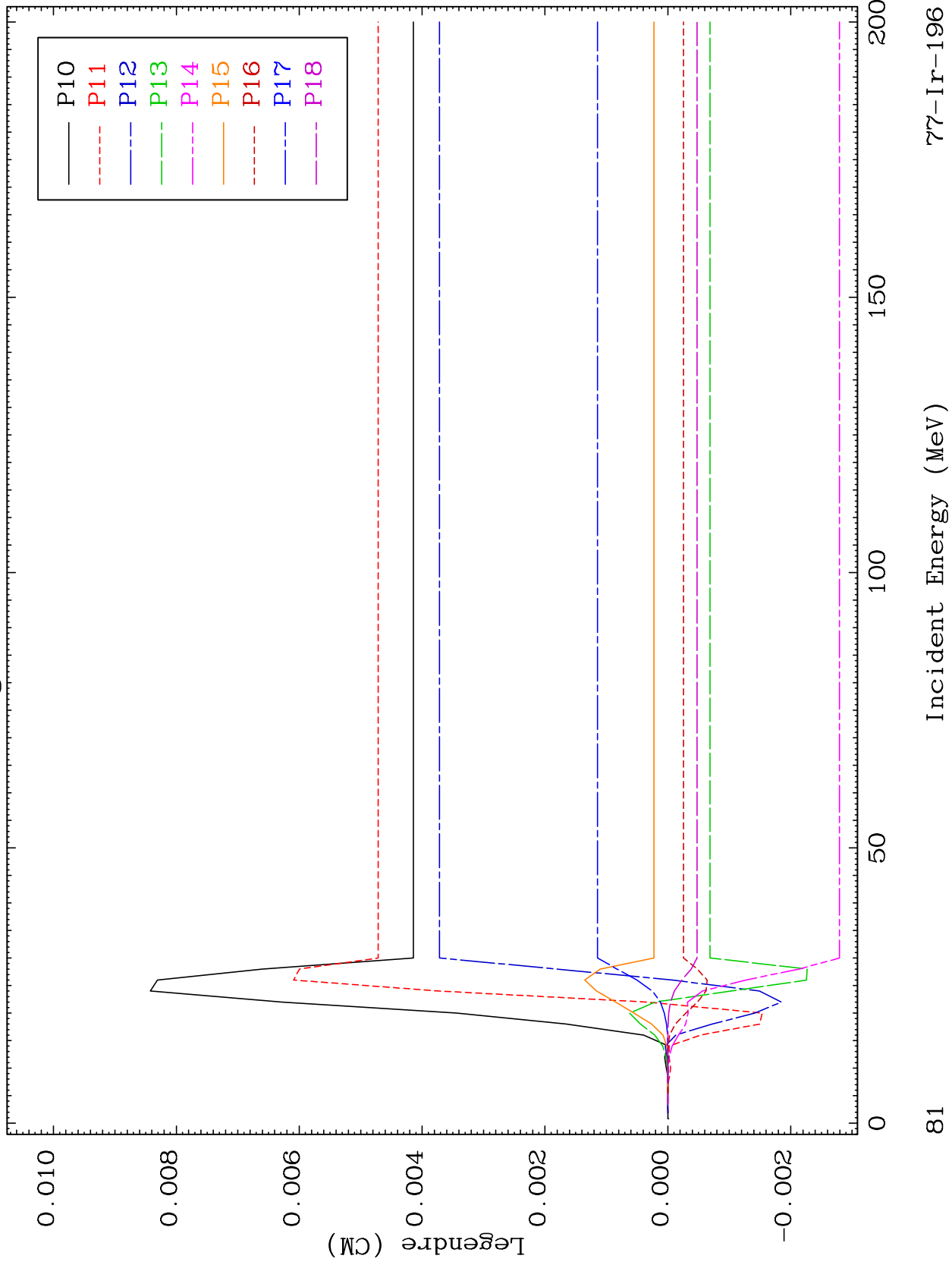
Incident Energy (MeV)

80

MAT 7740

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

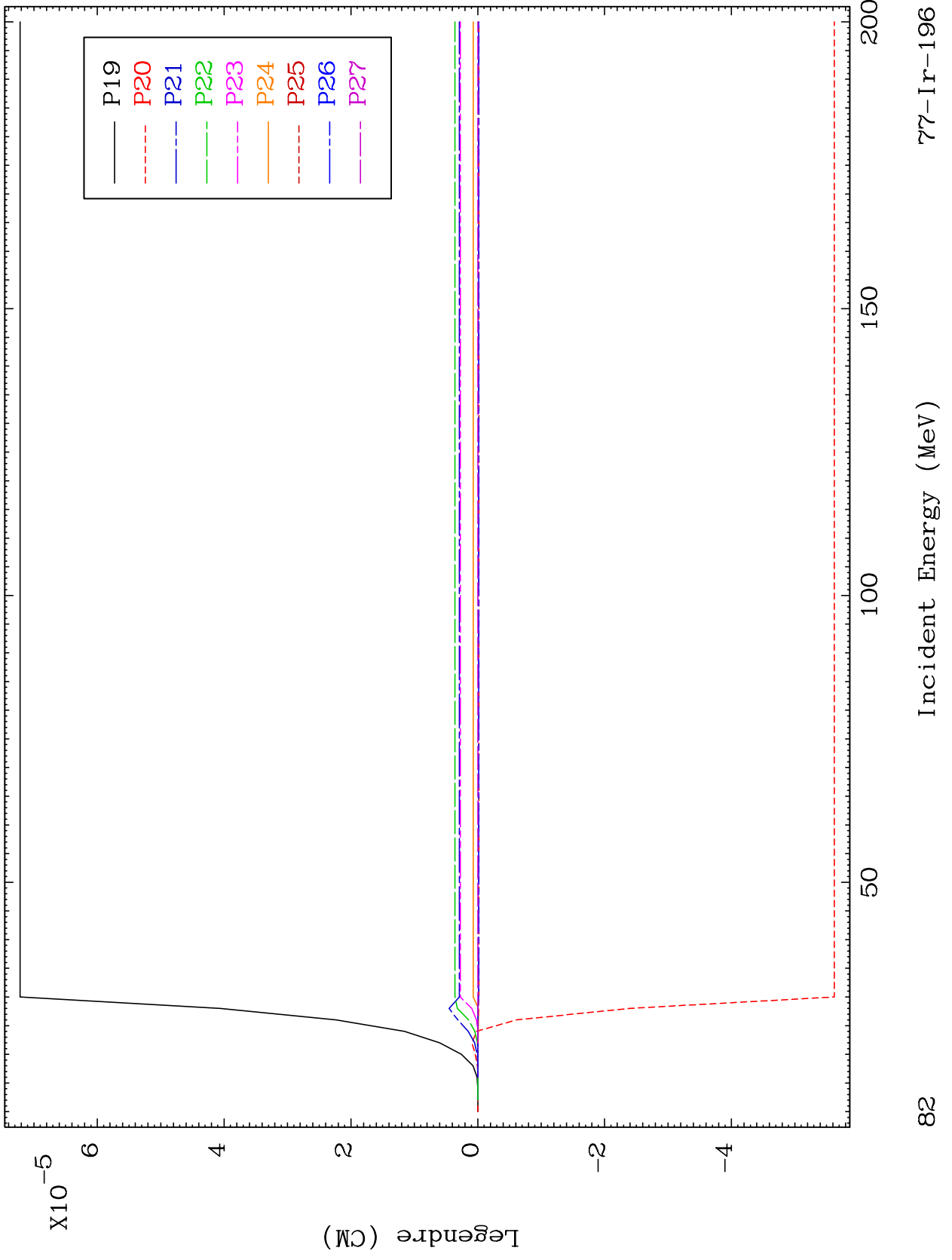
77-Ir-196

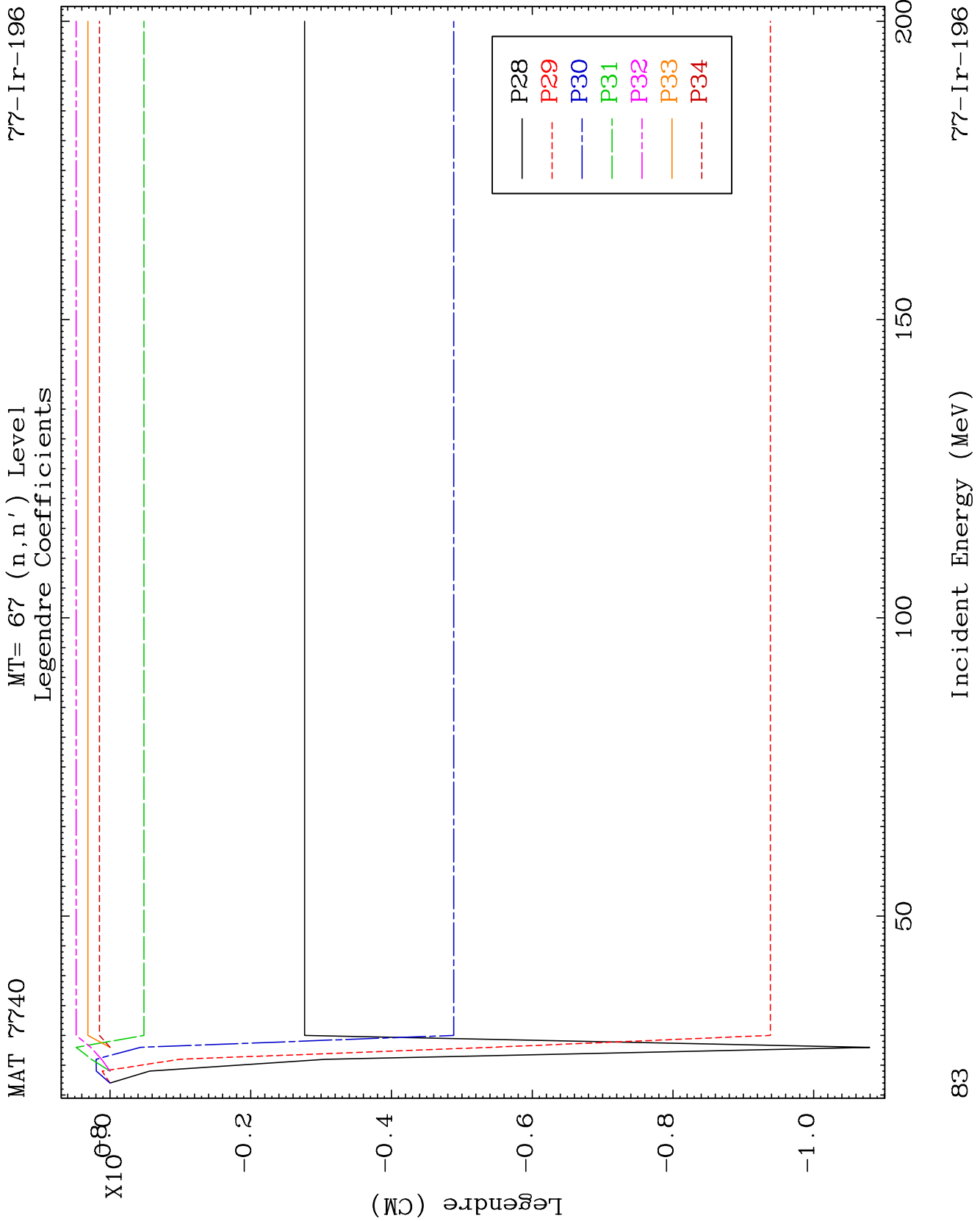


81

Incident Energy (MeV)

77-Ir-196

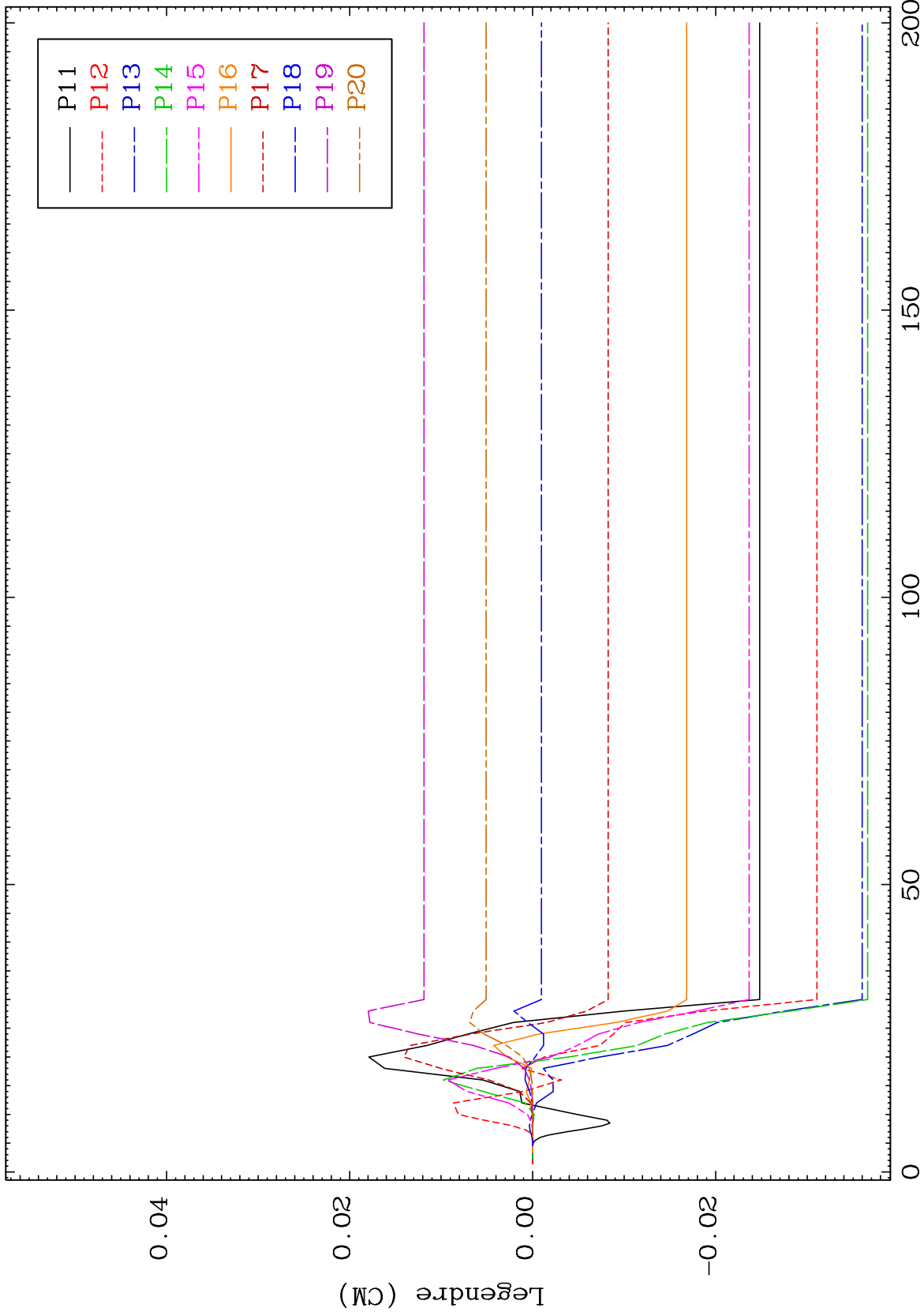




MAT 7740

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

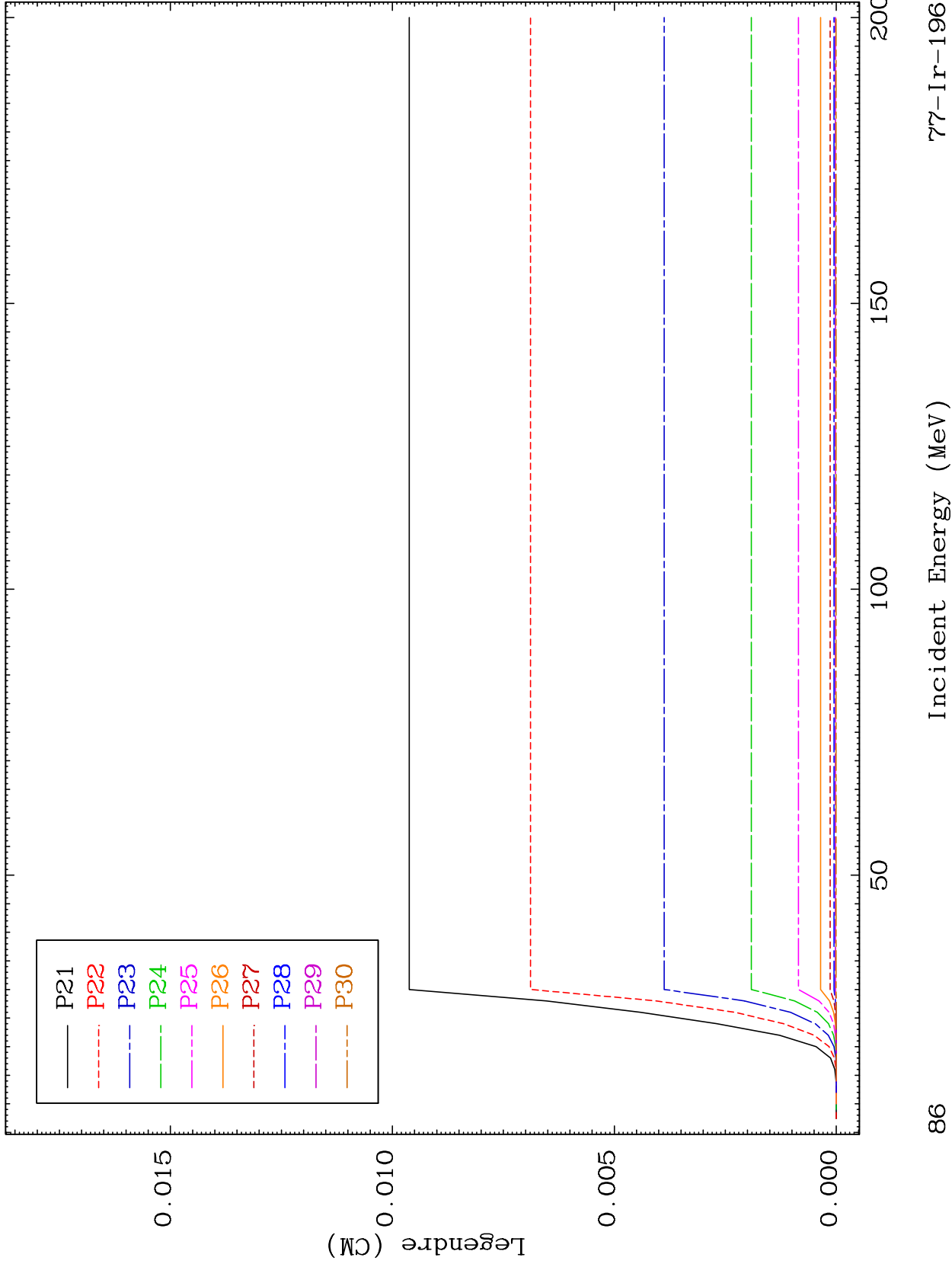
77-Ir-196



85

Incident Energy (MeV)

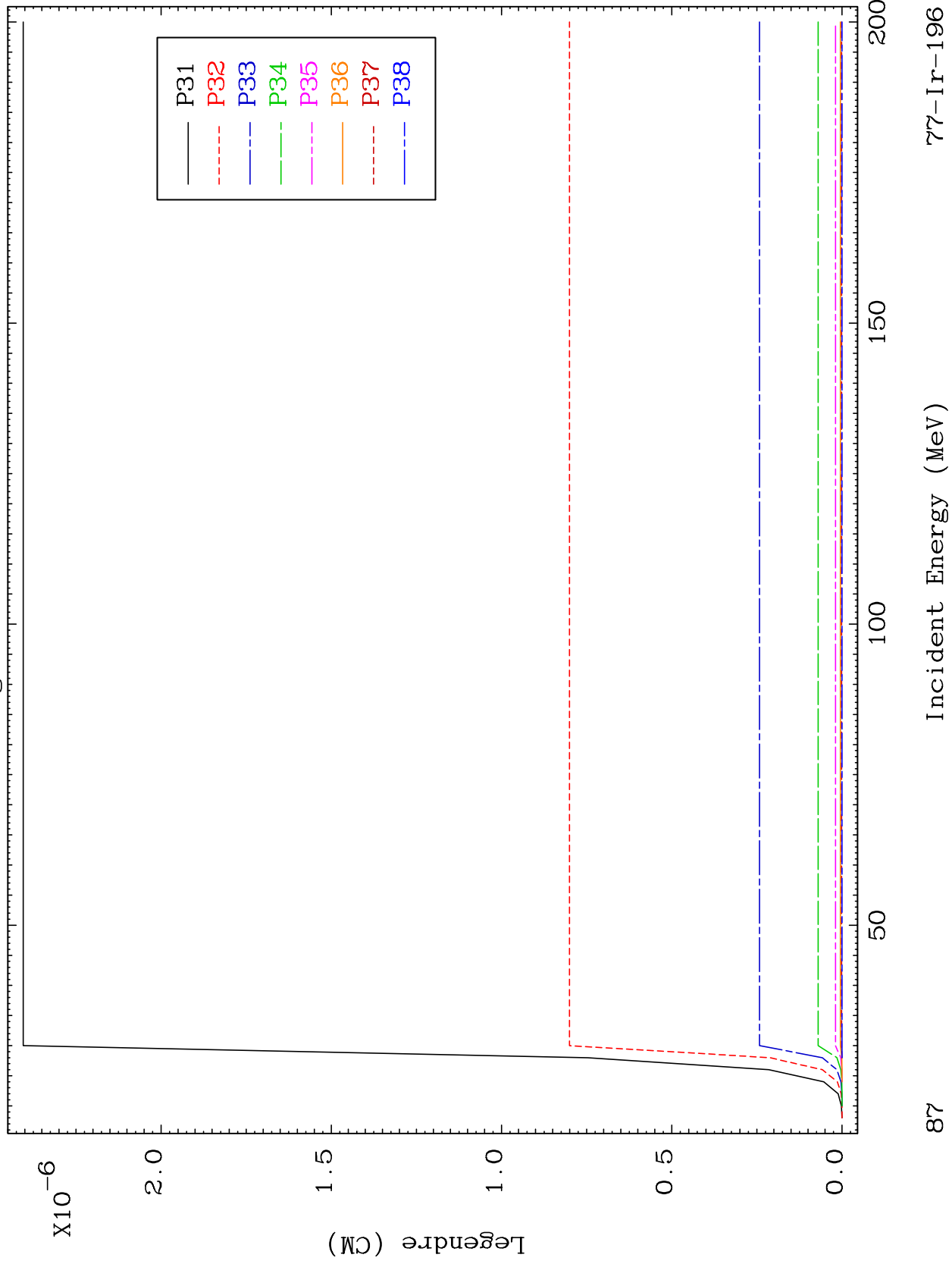
77-Ir-196

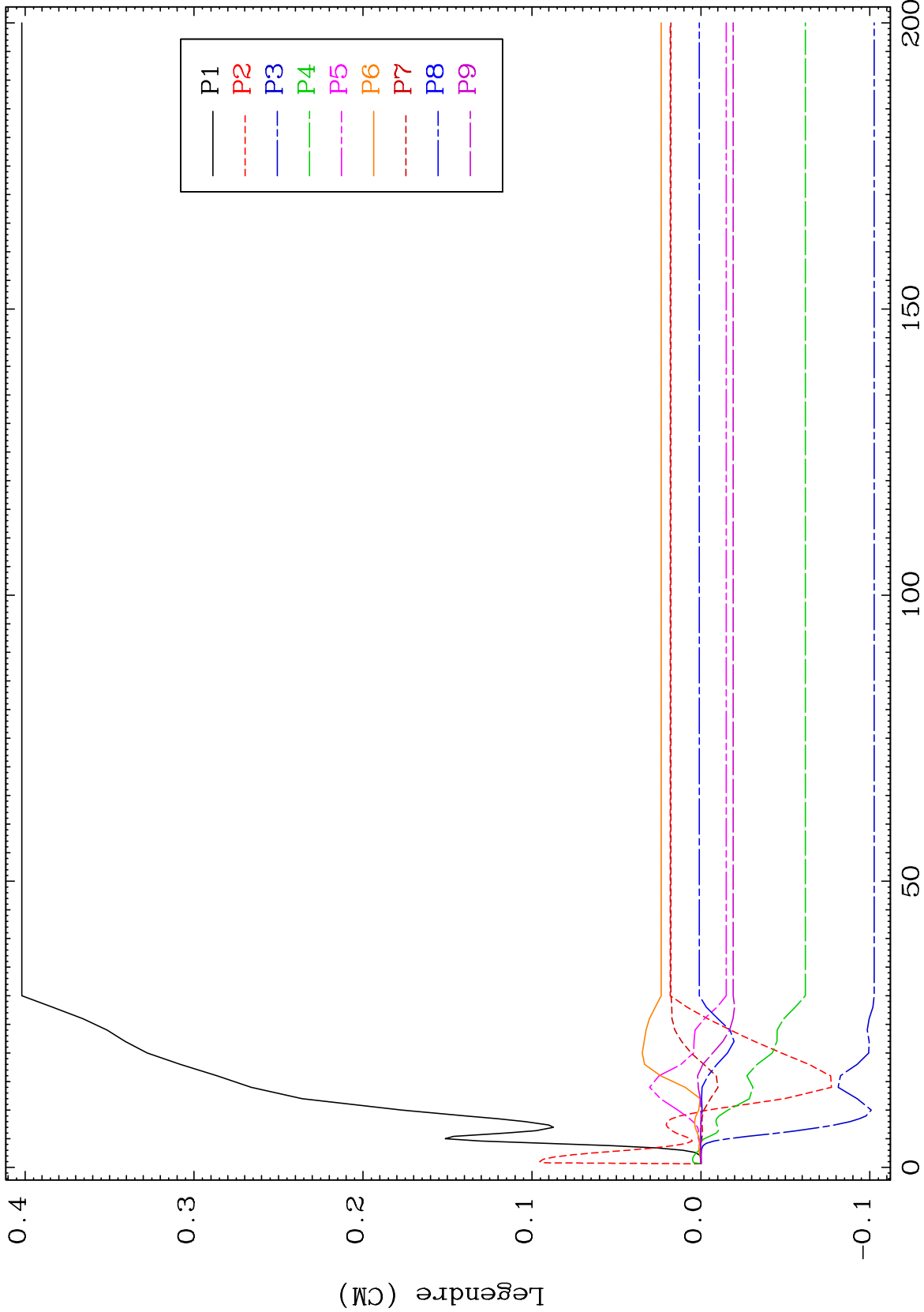


MAT 7740

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

77-Ir-196

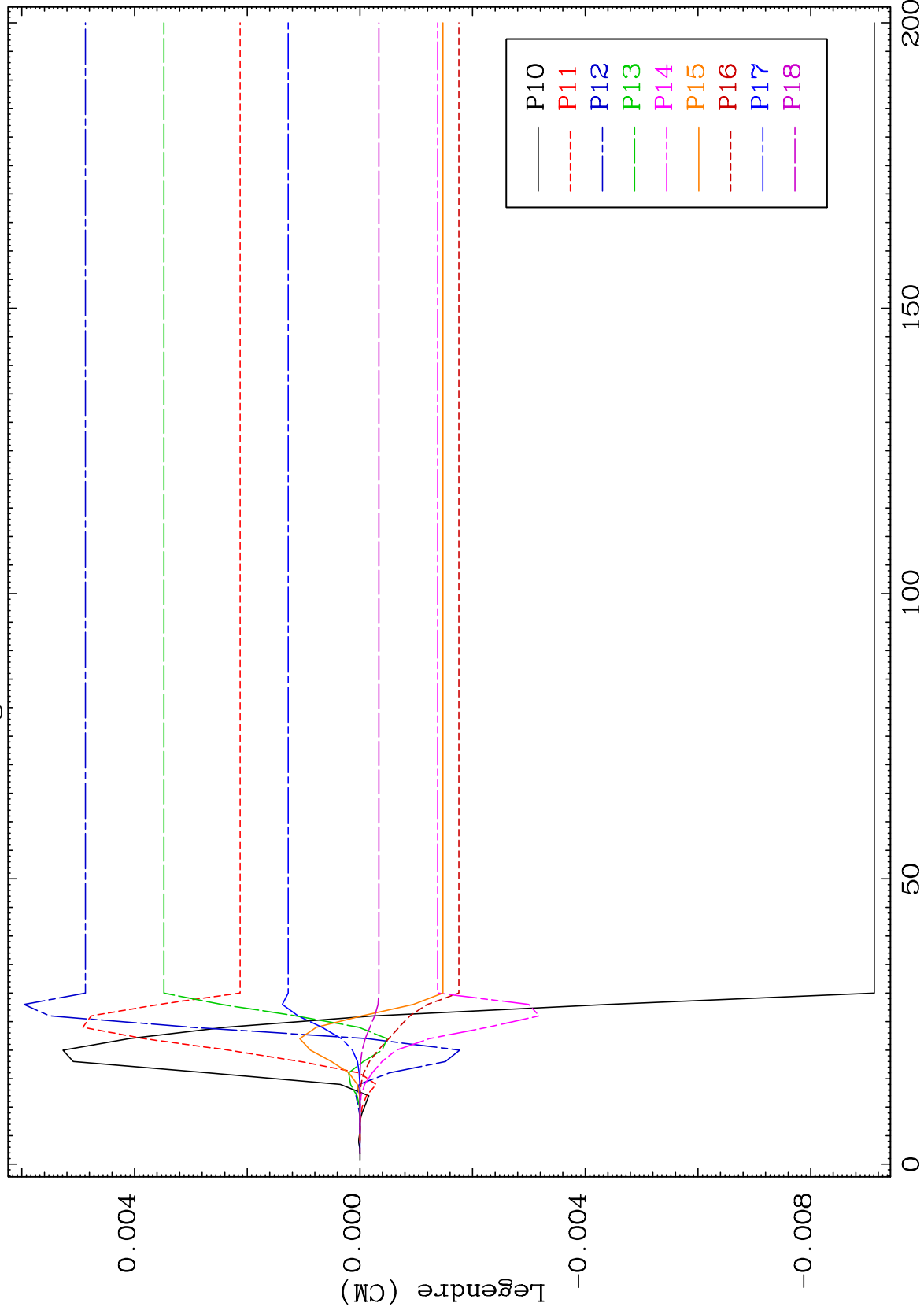




MAT 7740

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

77-Ir-196



89

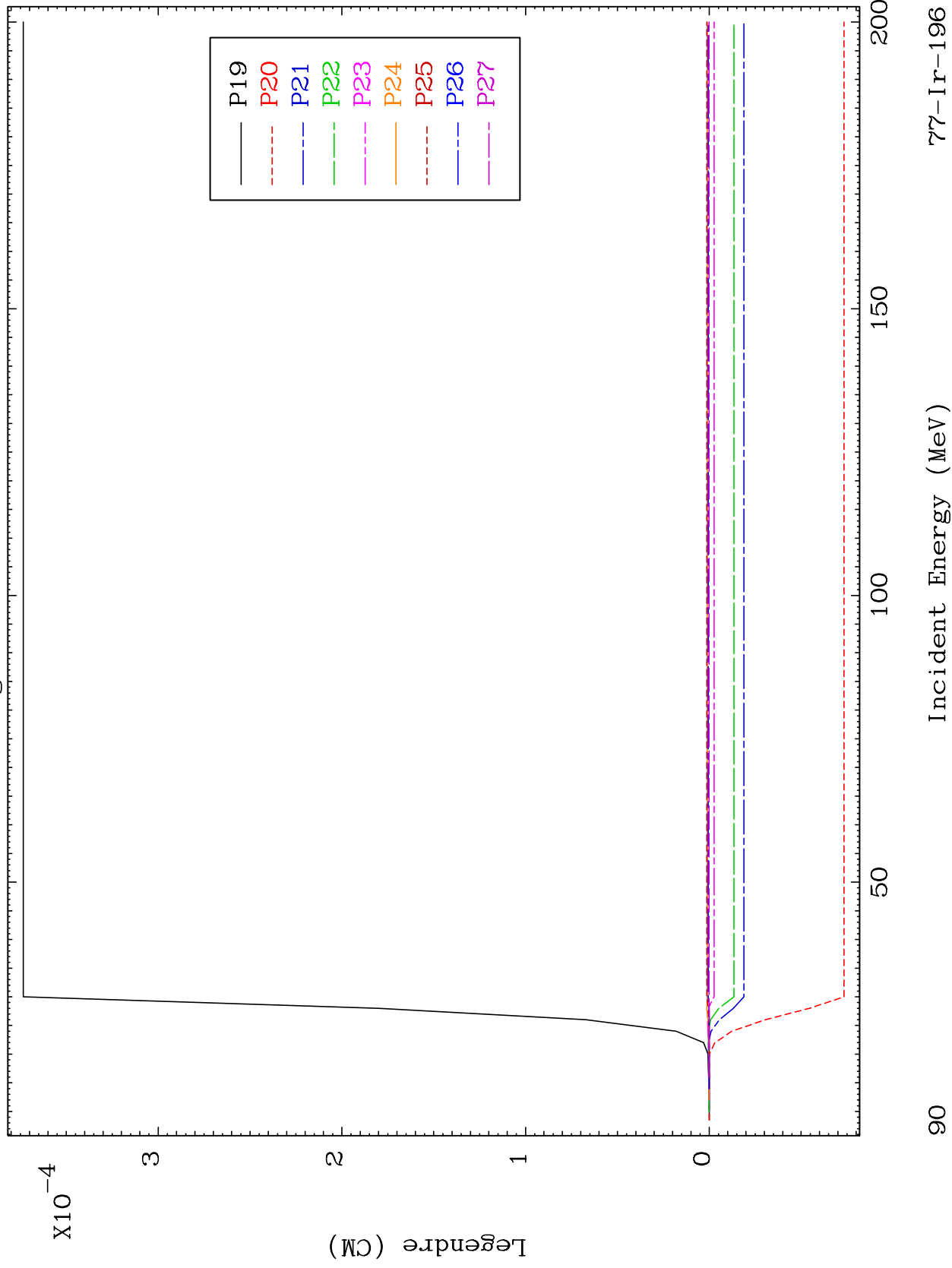
Incident Energy (MeV)

77-Ir-196

MAT 7740

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

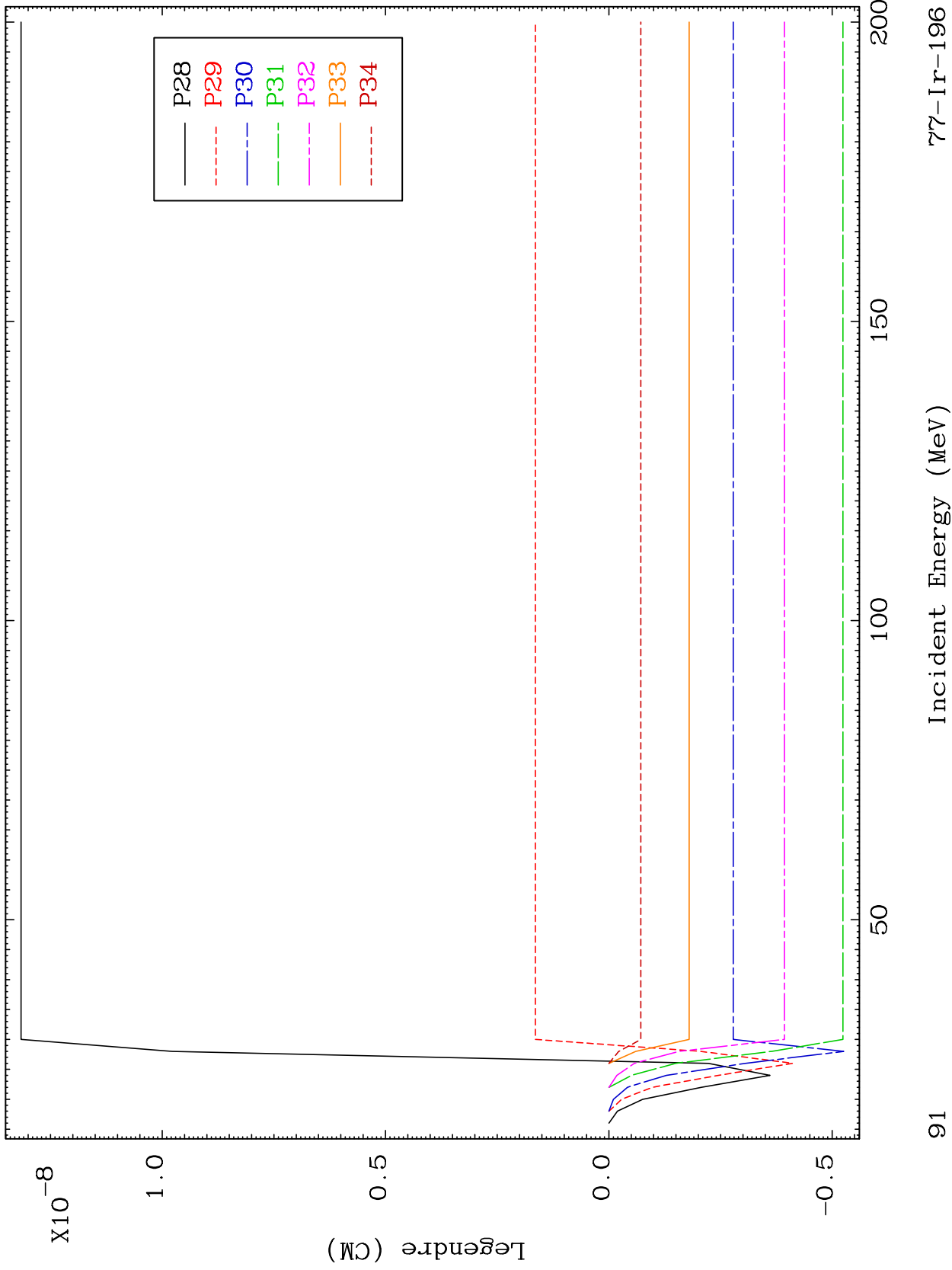
77-Ir-196



MAT 7740

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

77-Ir-196

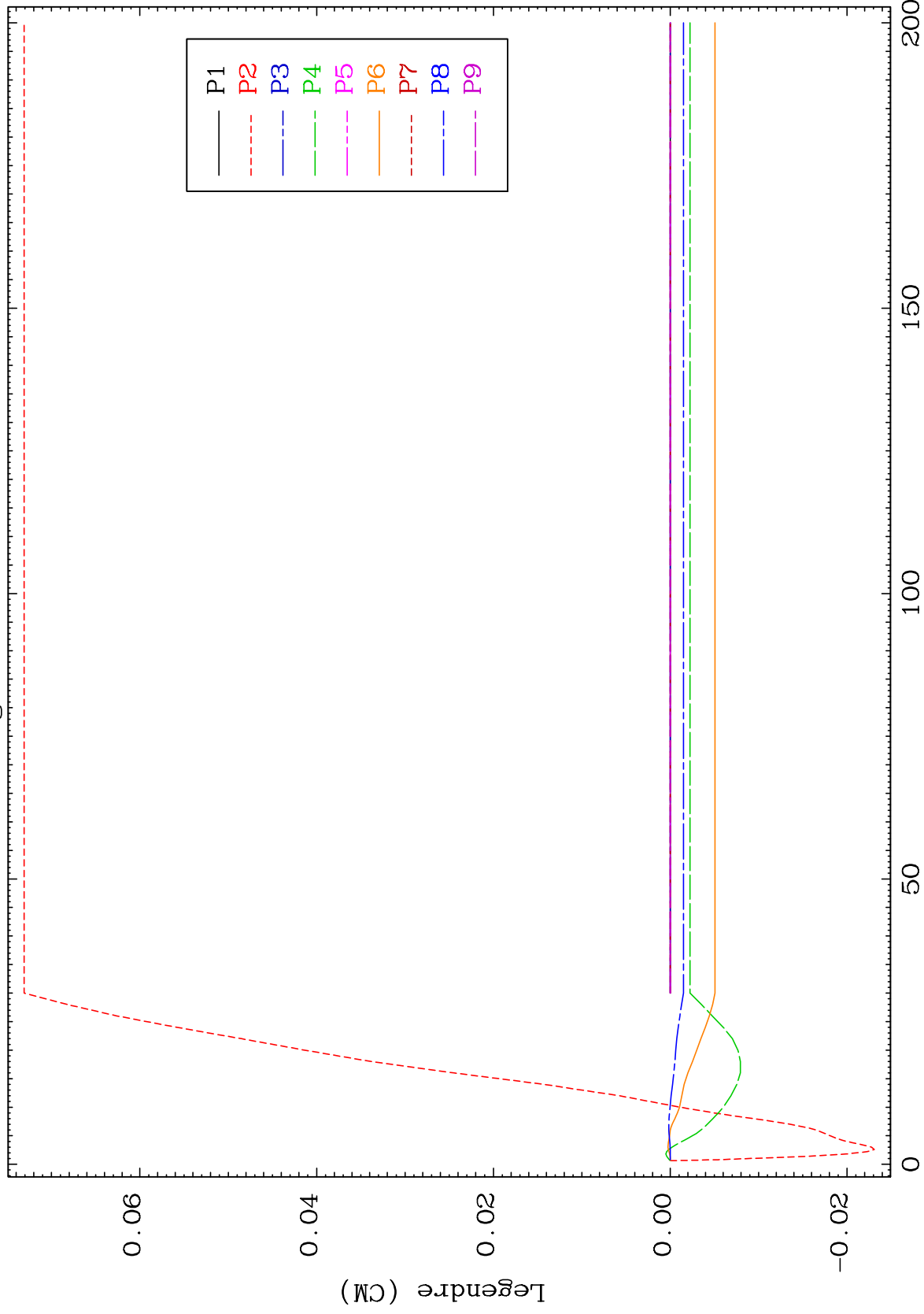


91

MAT 7740

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

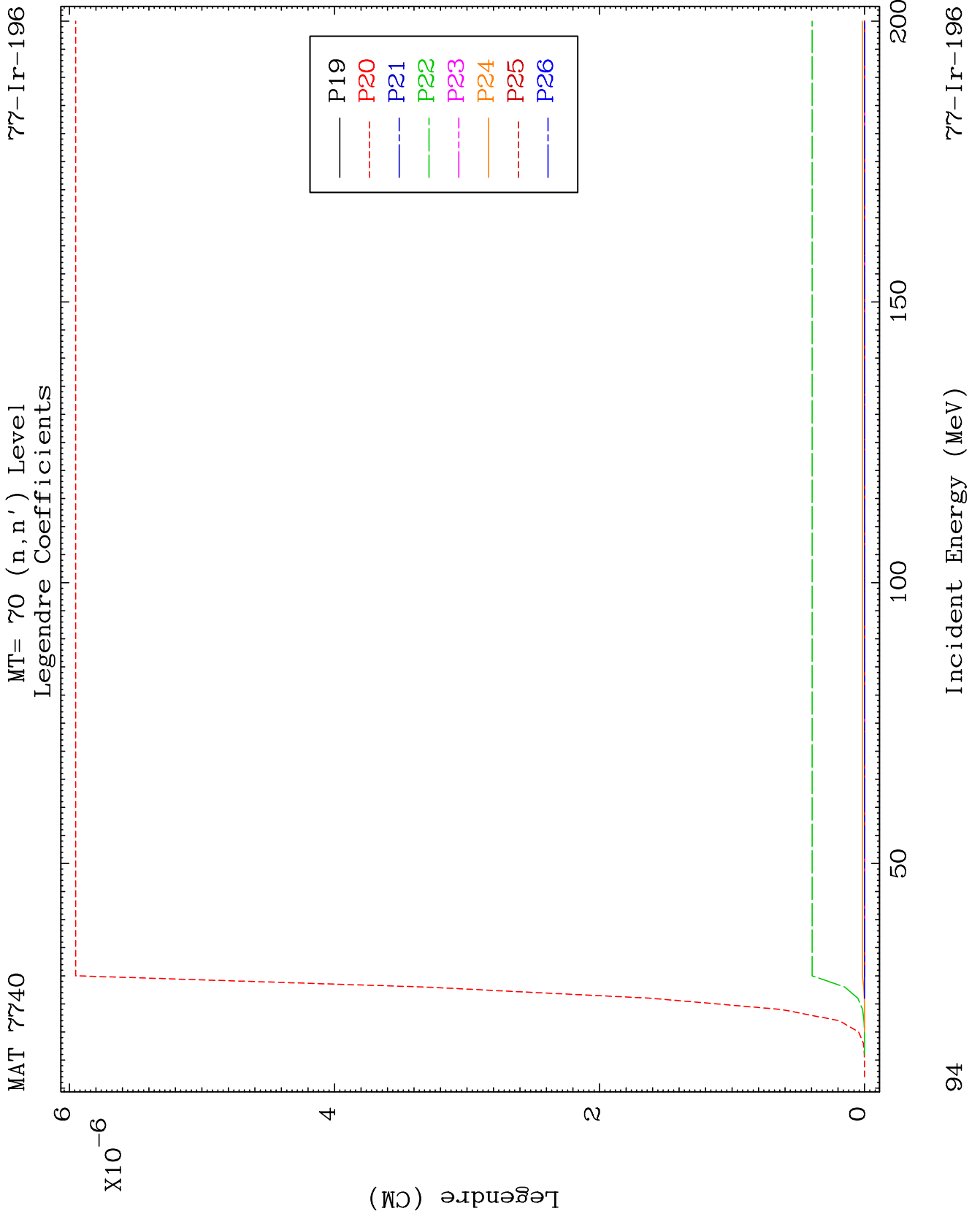
77-Ir-196

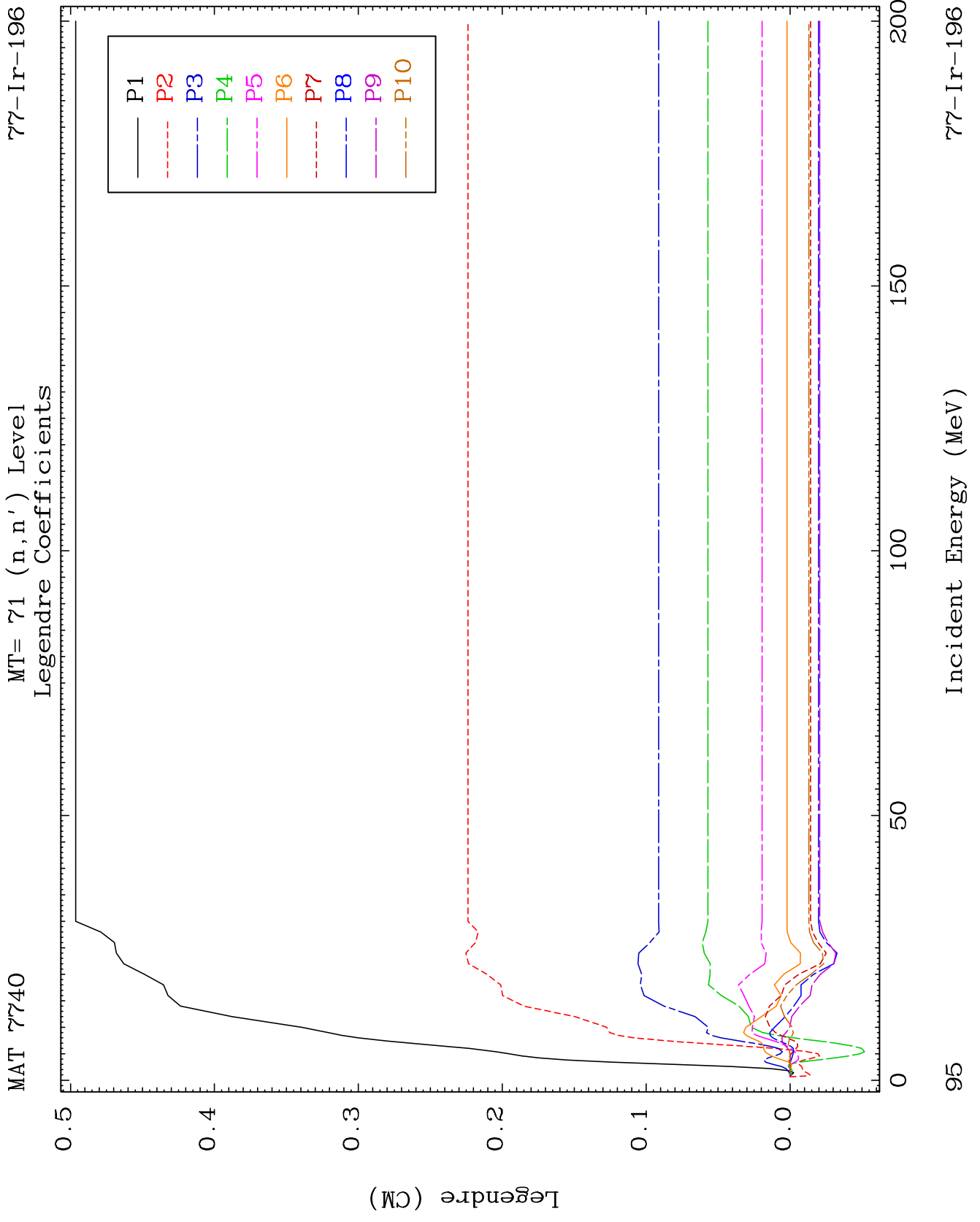


92

Incident Energy (MeV)

77-Ir-196

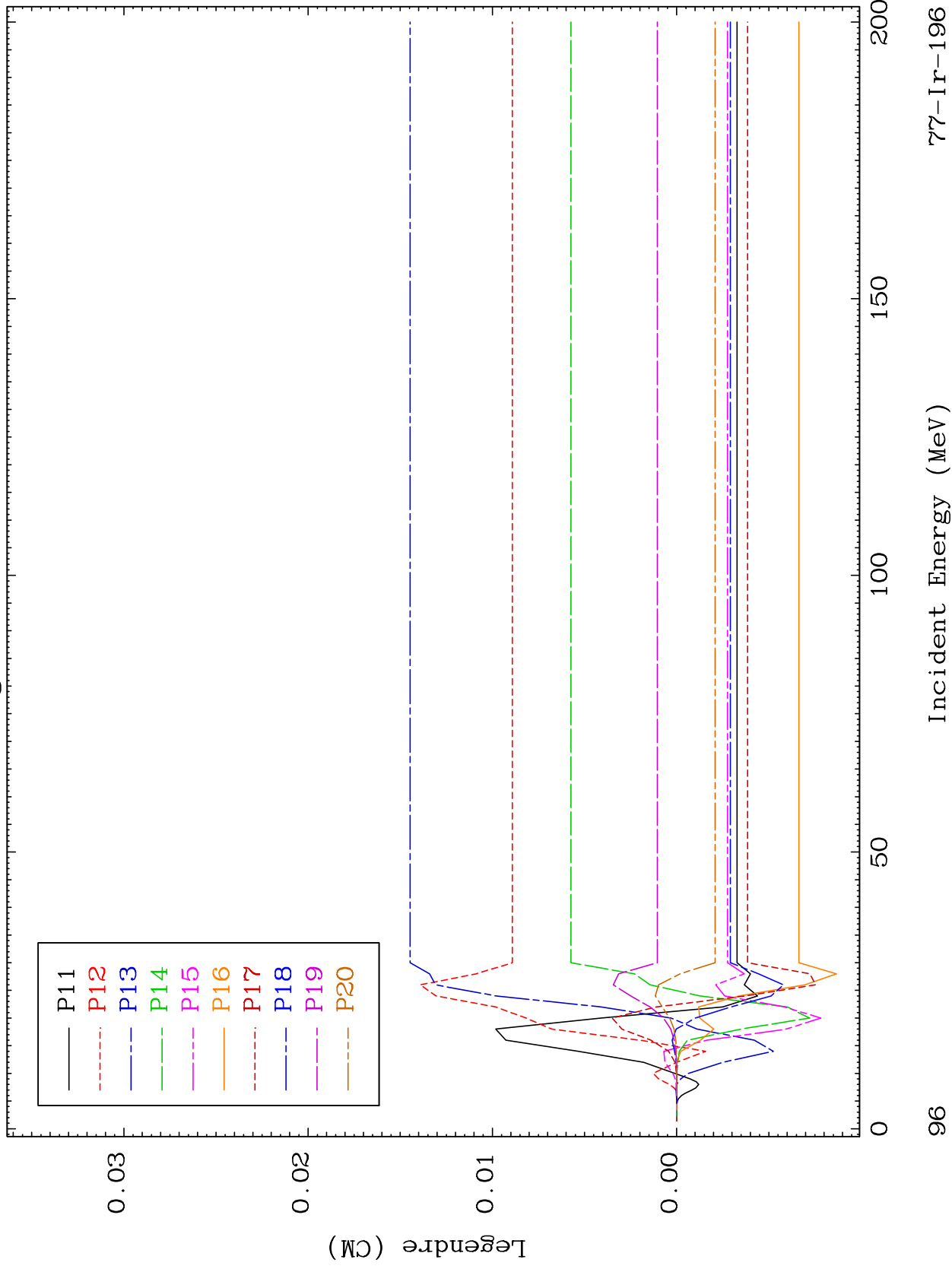




MAT 7740

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

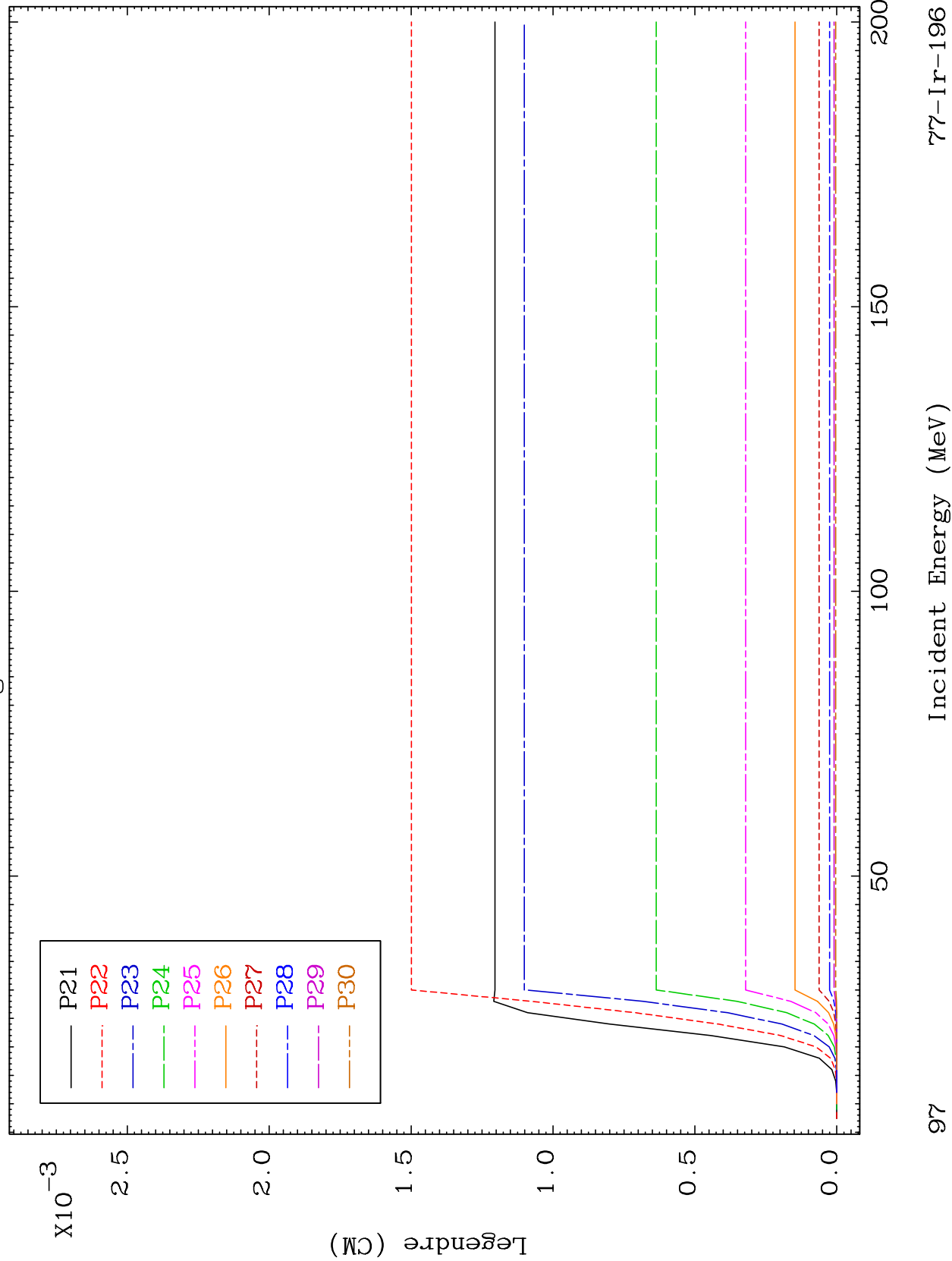
77-Ir-196

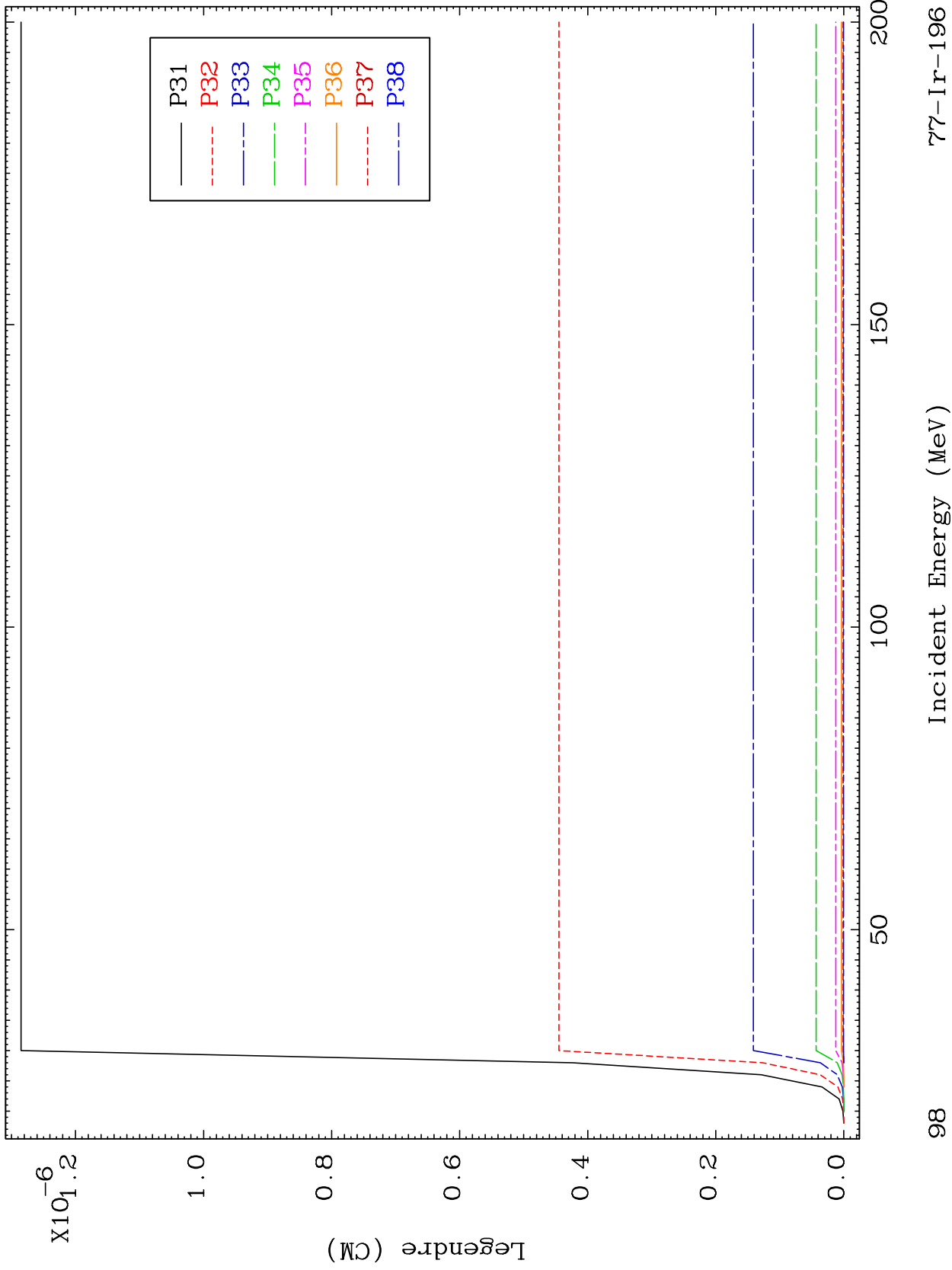


77-Ir-196

Incident Energy (MeV)

96

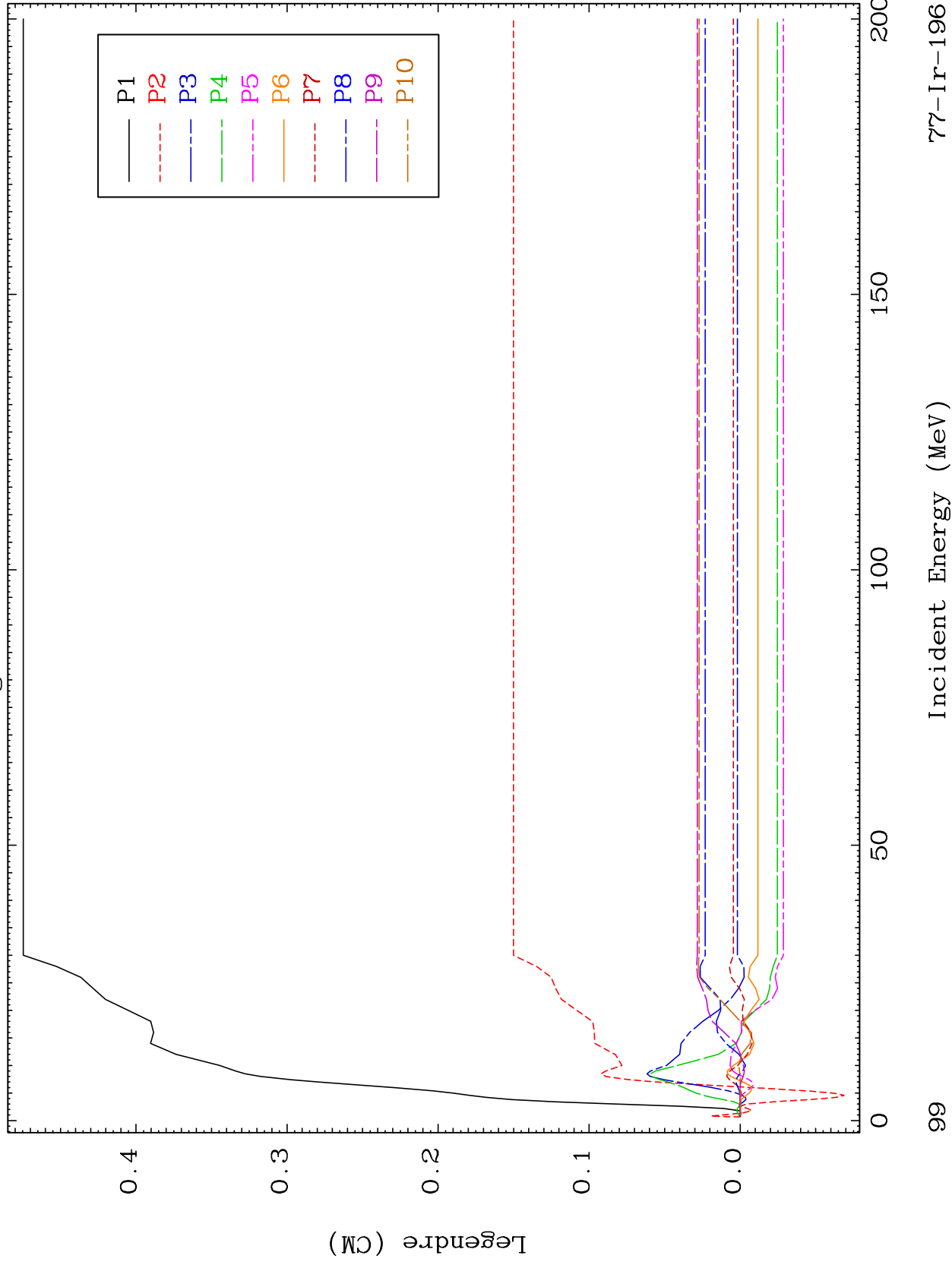




MAT 7740

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

77-Ir-196

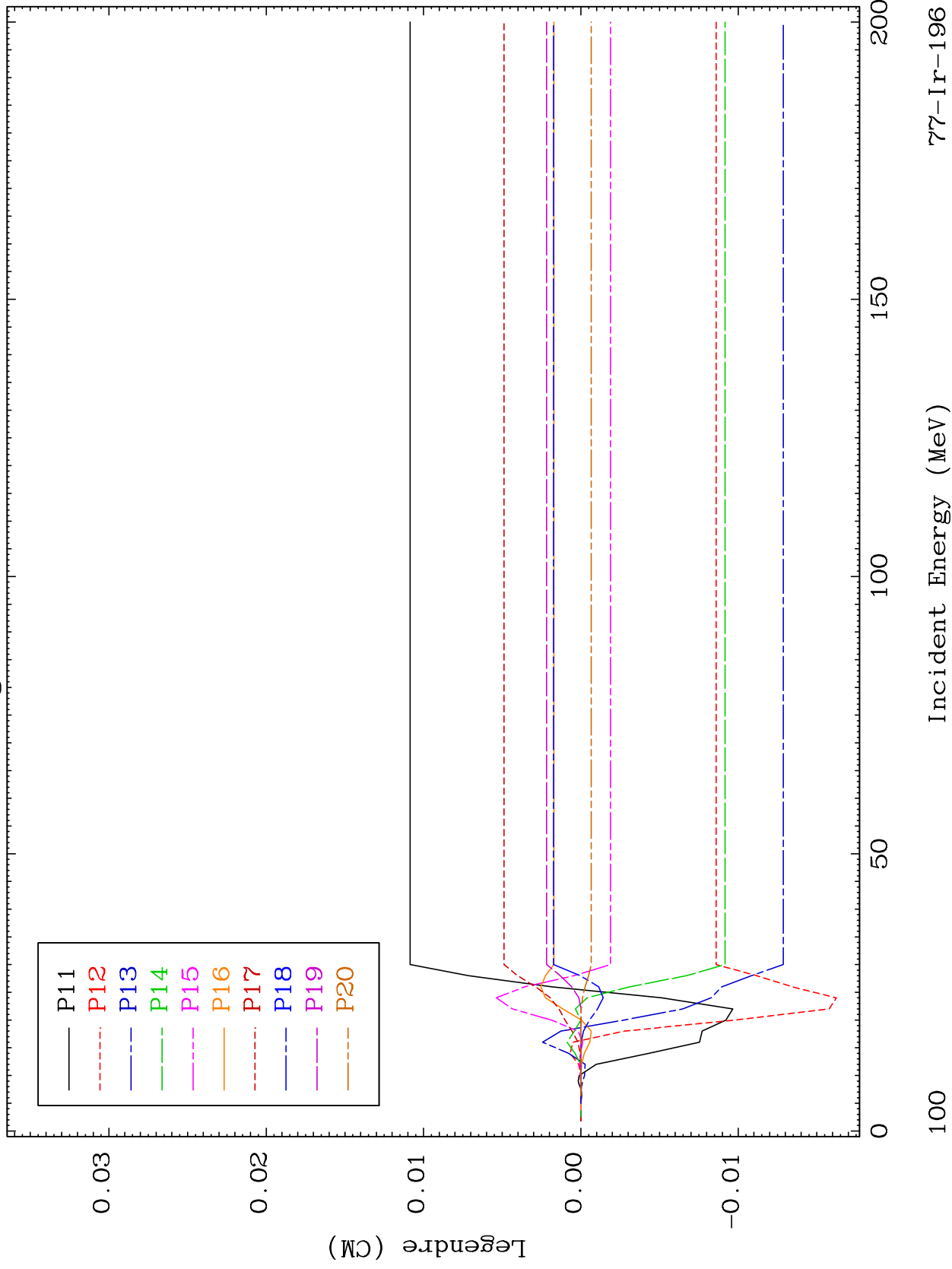


77-Ir-196

MAT 7740

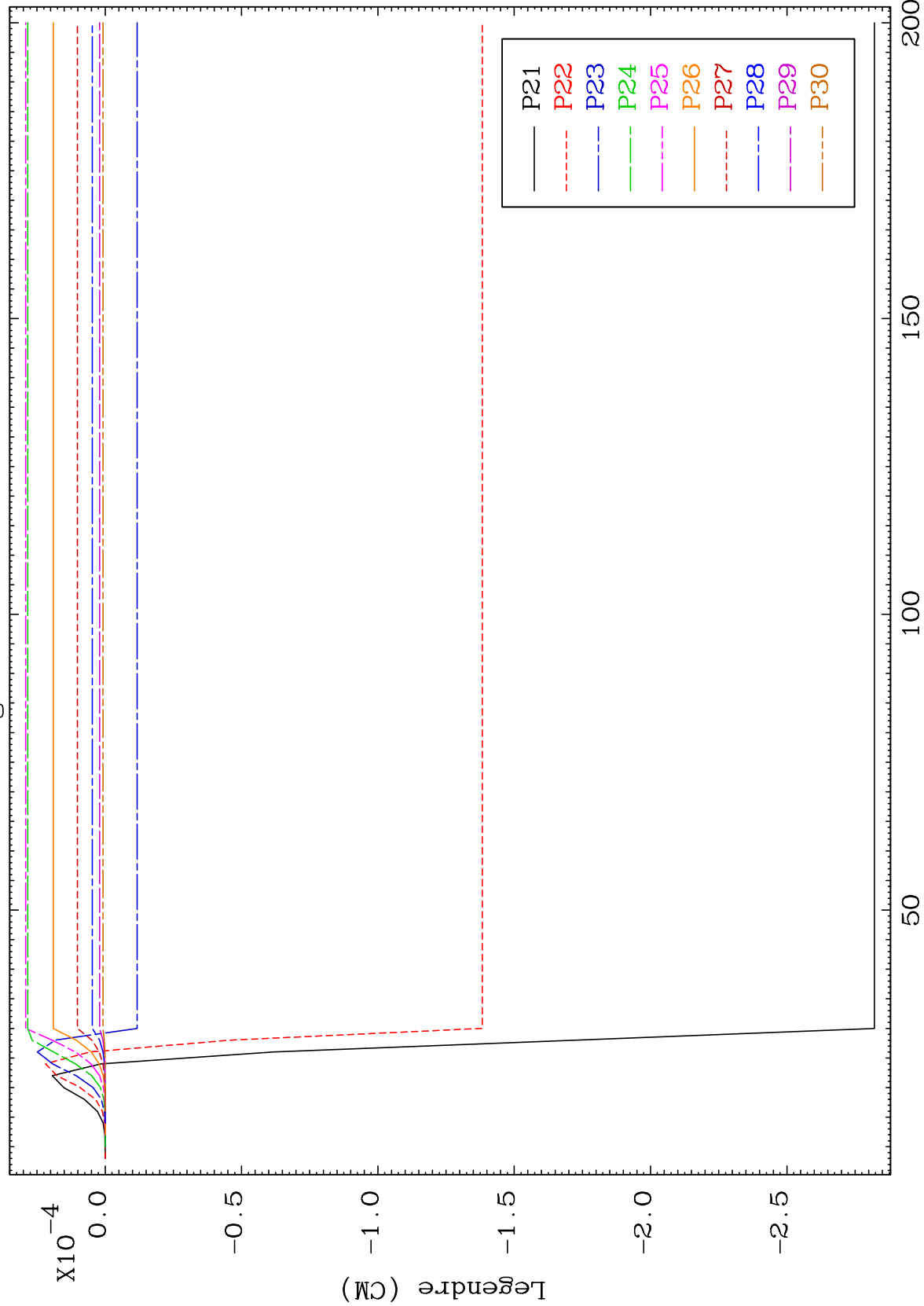
MT= 72 (n,n') Level
Legendre Coefficients

77-Ir-196



77-Ir-196

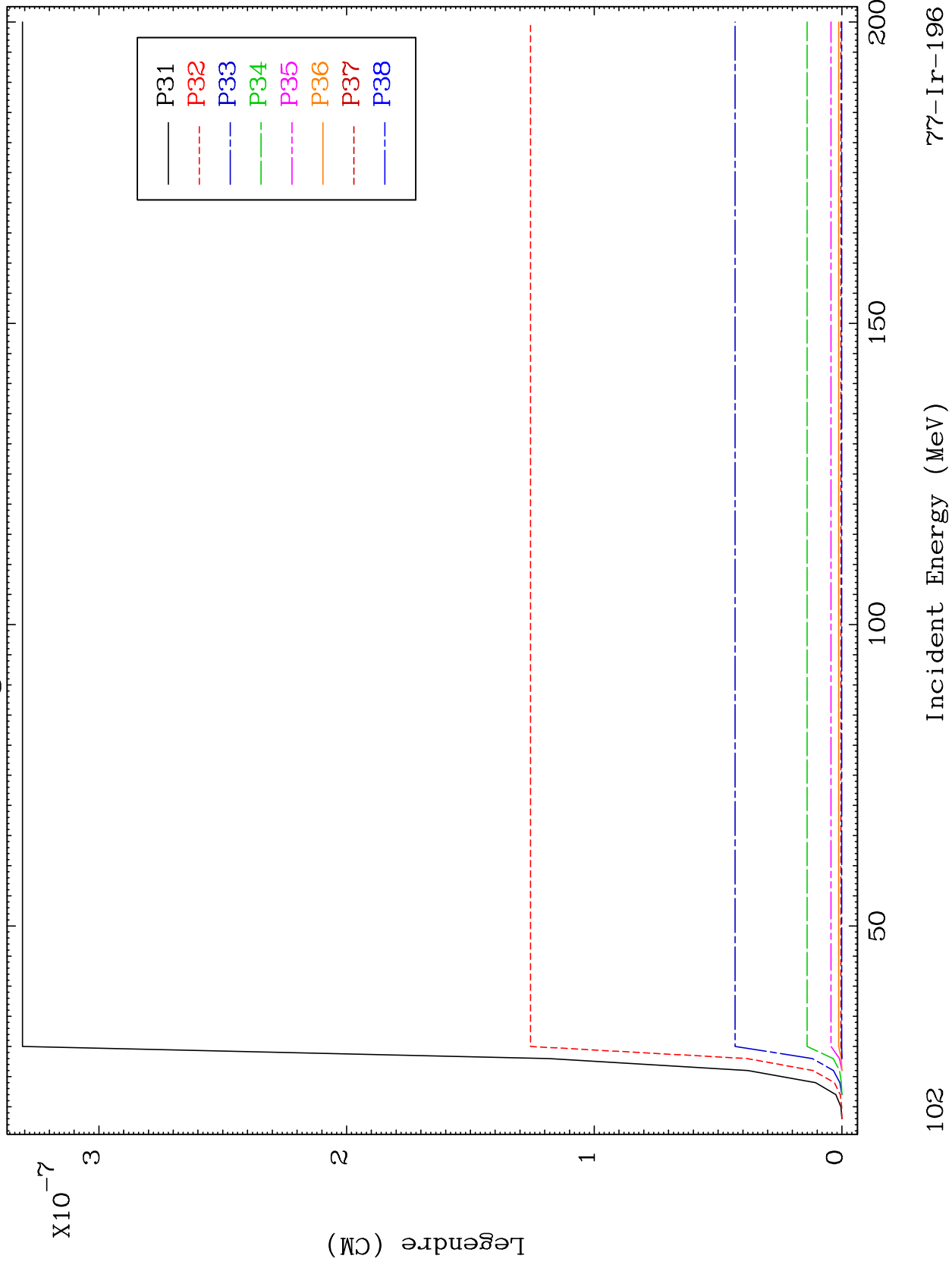
Incident Energy (MeV)



MAT 7740

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

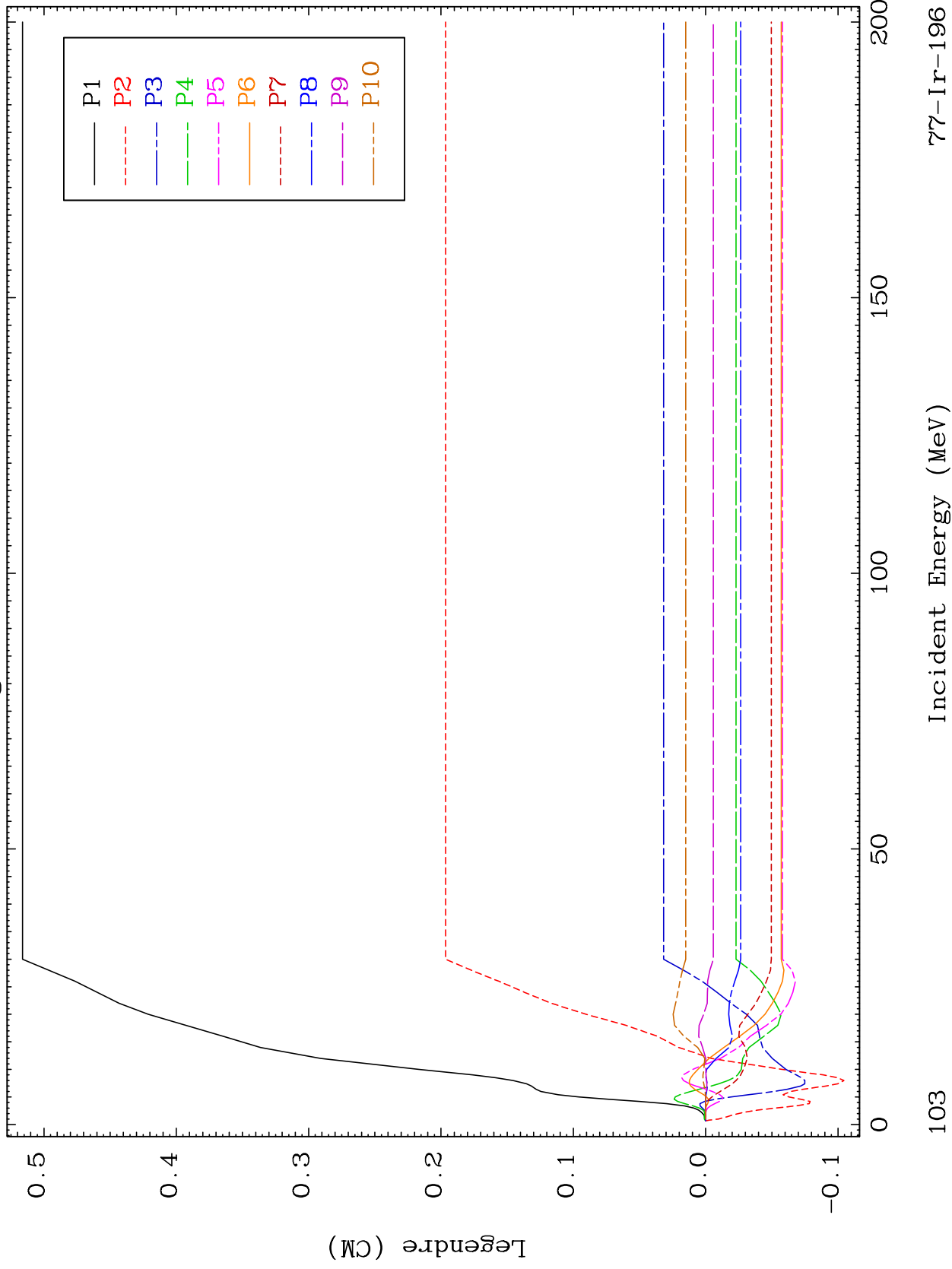
77-Ir-196



MAT 7740

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

77-Ir-196



77-Ir-196

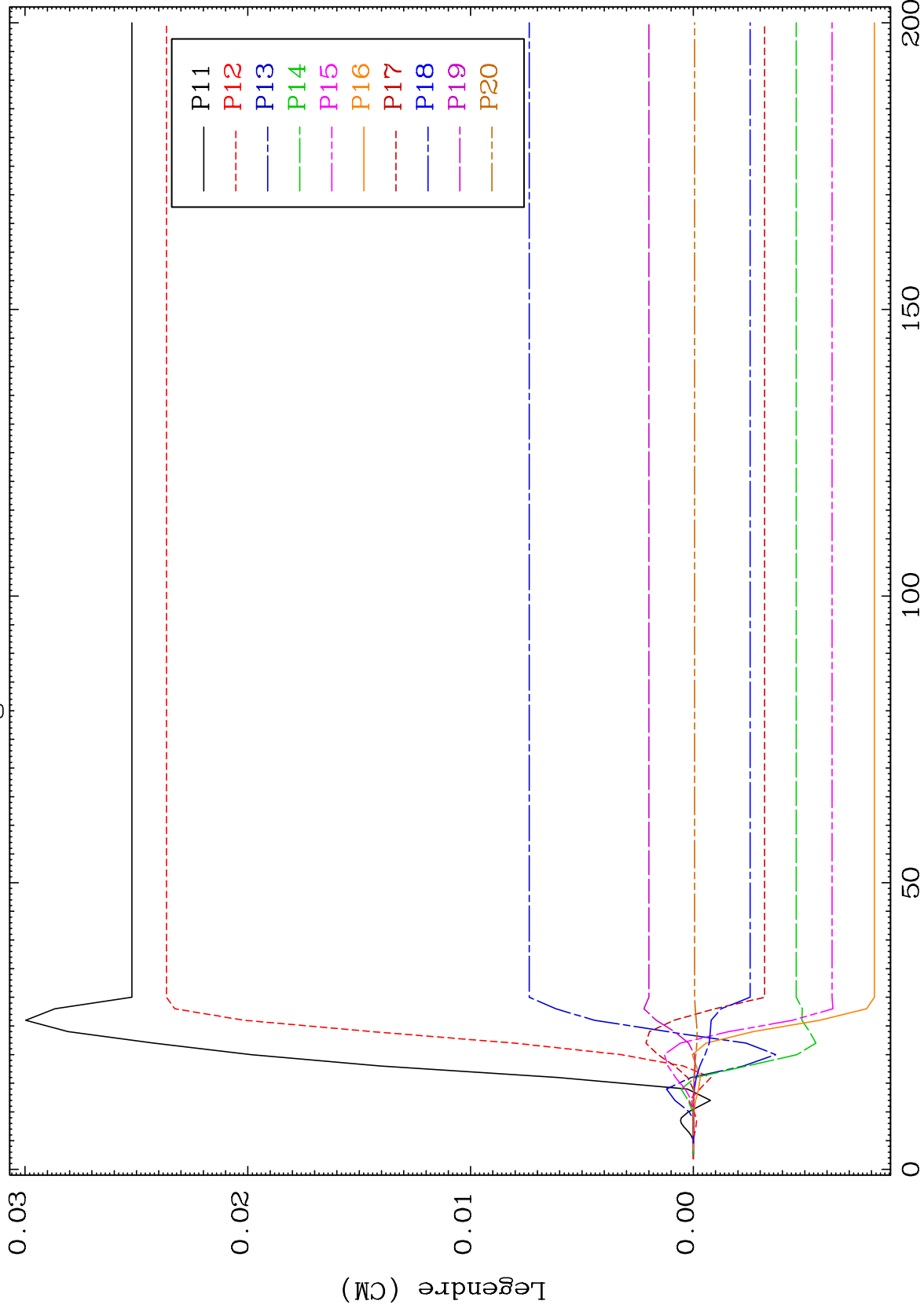
Incident Energy (MeV)

103

MAT 7740

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

77-Ir-196



104

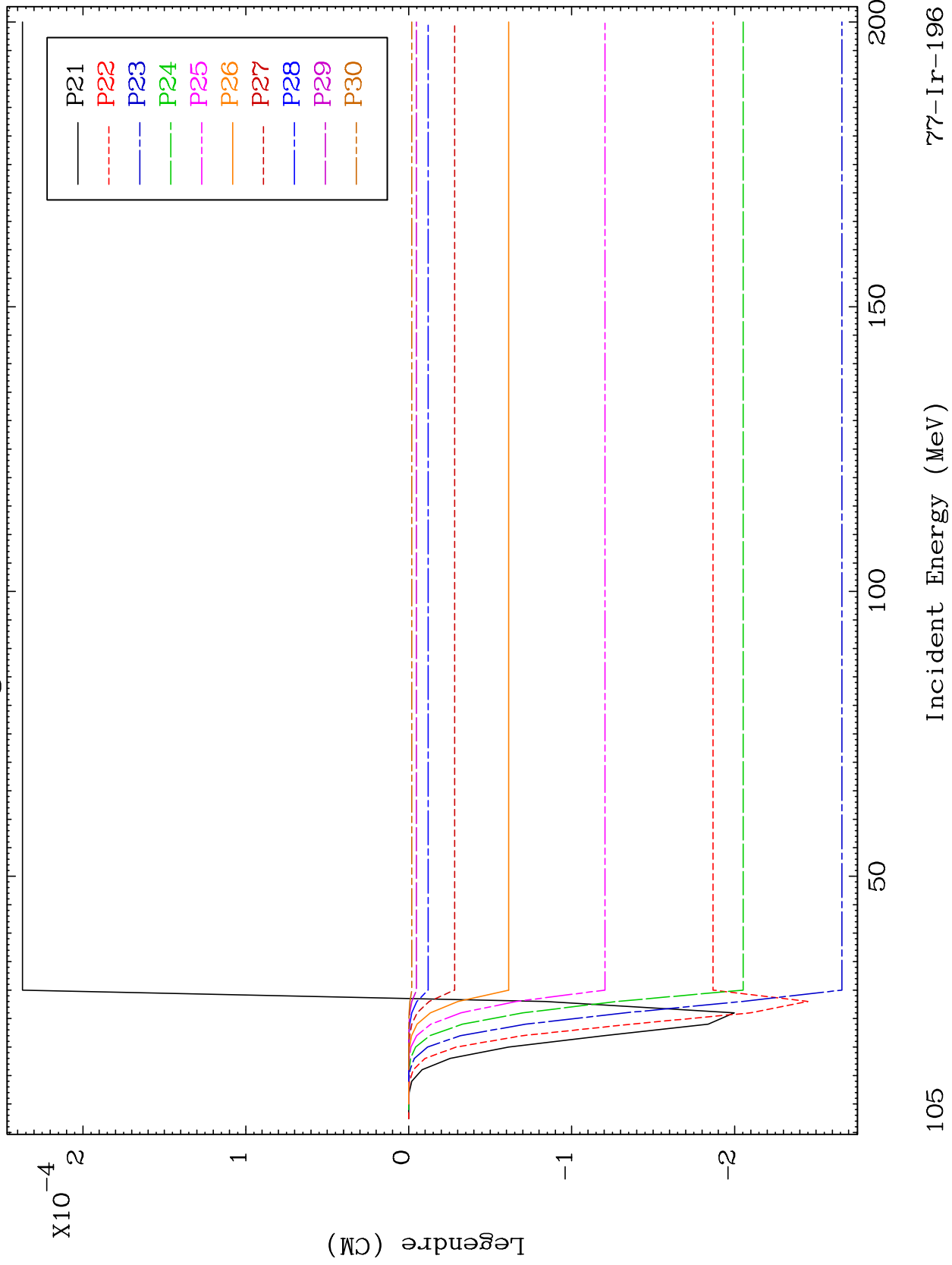
Incident Energy (MeV)

77-Ir-196

MAT 7740

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

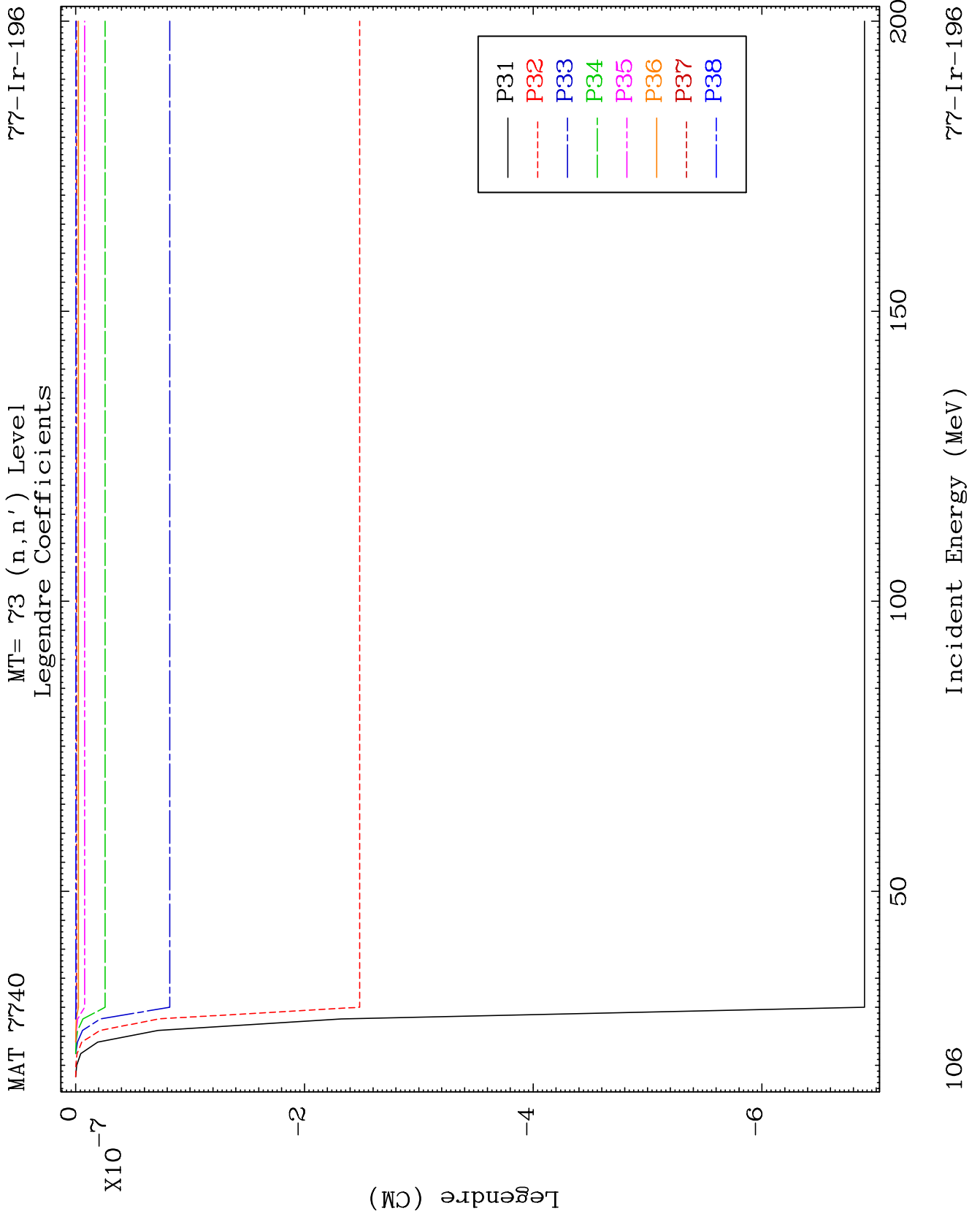
77-Ir-196



105

Incident Energy (MeV)

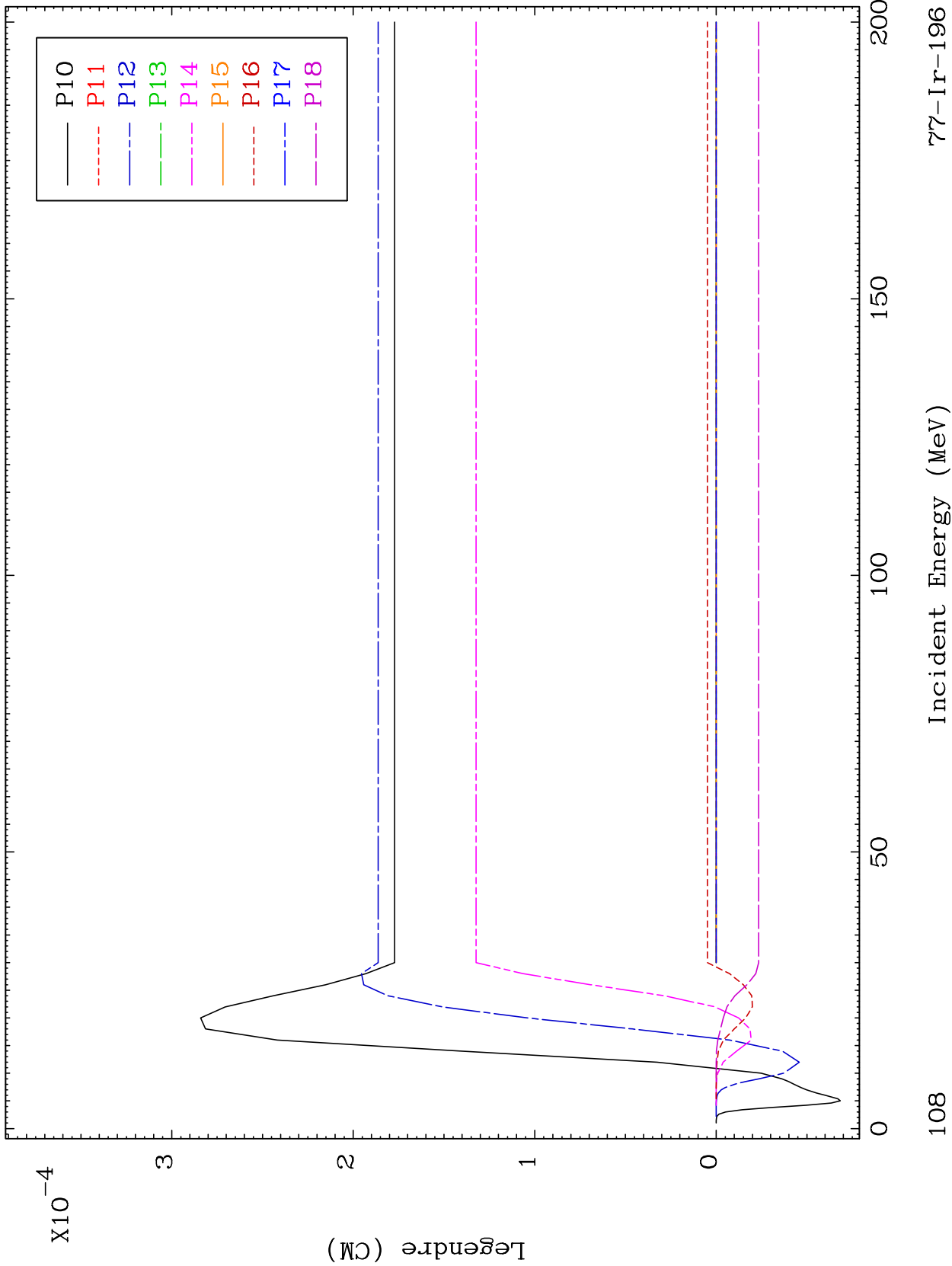
77-Ir-196



MAT 7740

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

77-Ir-196



77-Ir-196

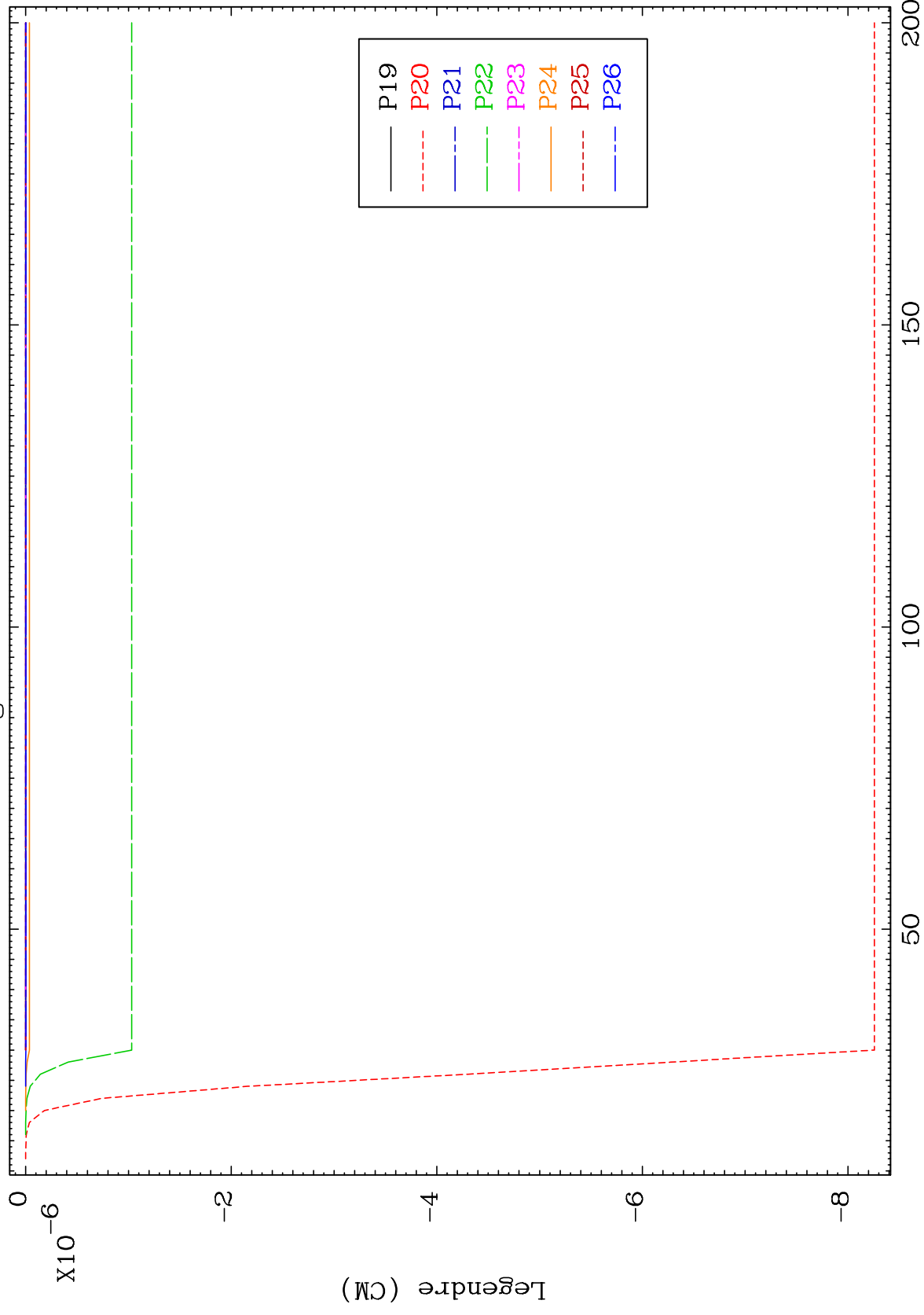
Incident Energy (MeV)

108

MAT 7740

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

77-Ir-196



109

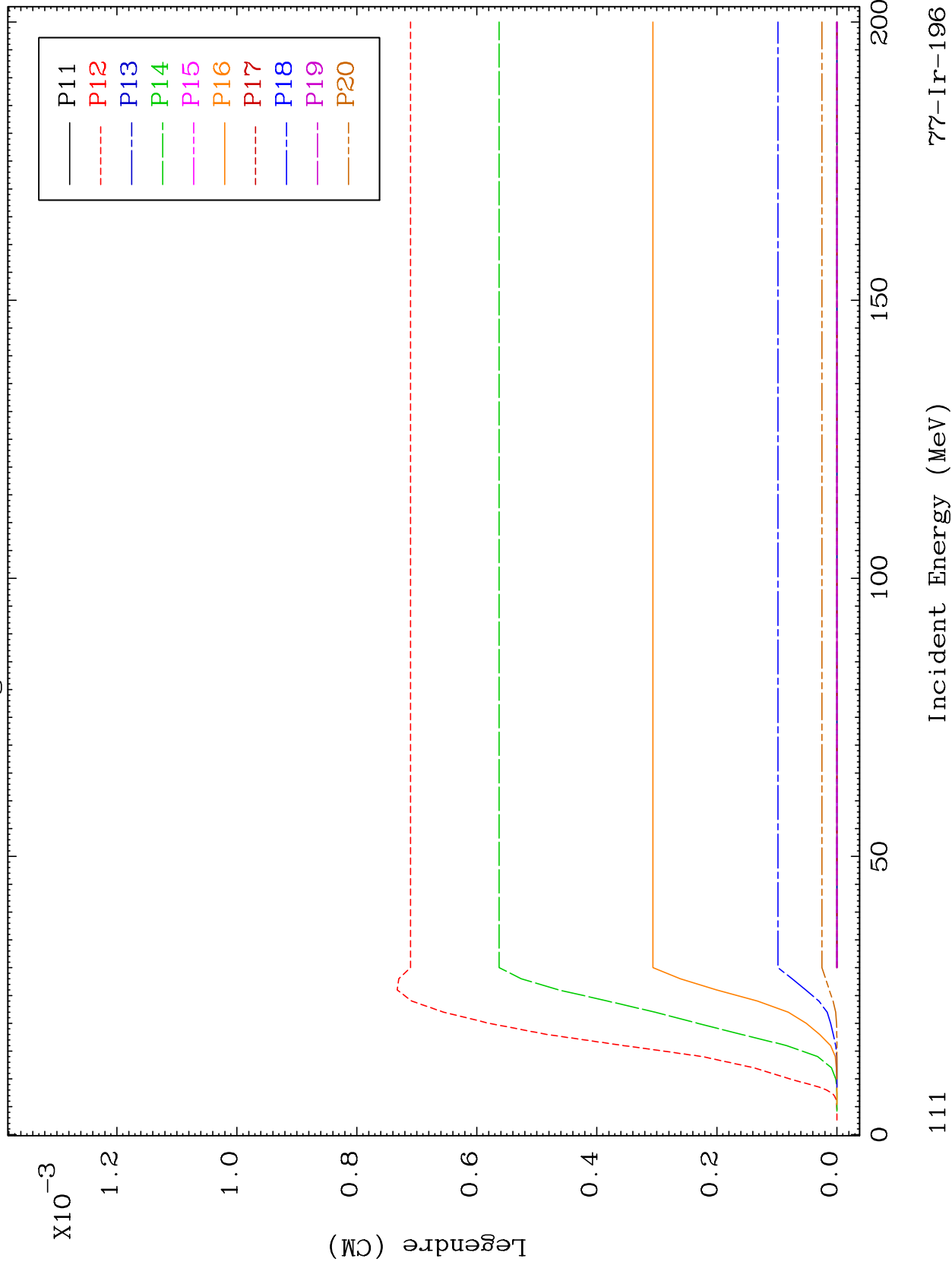
Incident Energy (MeV)

77-Ir-196

MAT 7740

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

77-Ir-196



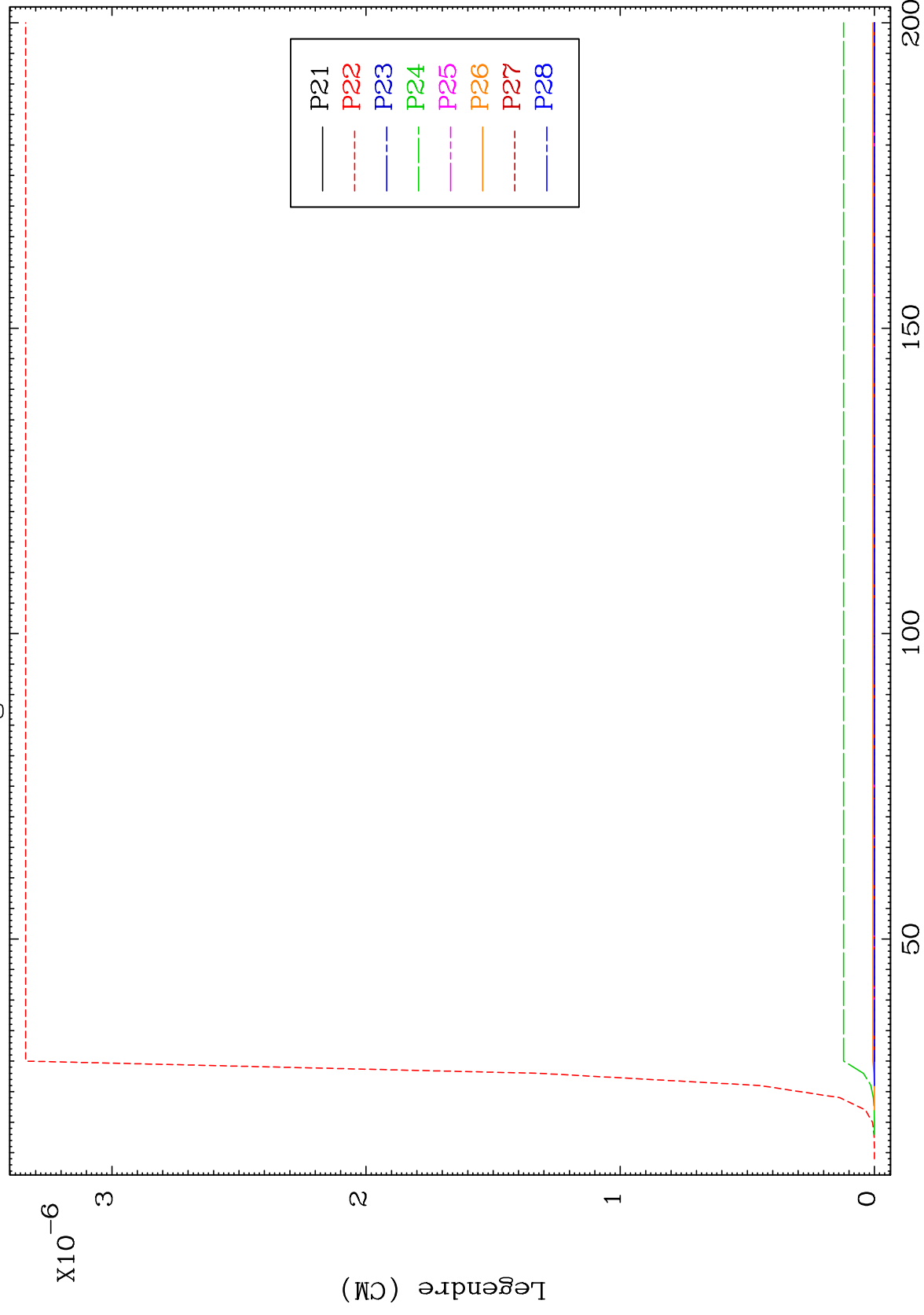
111

77-Ir-196

MAT 7740

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

77-Ir-196



112

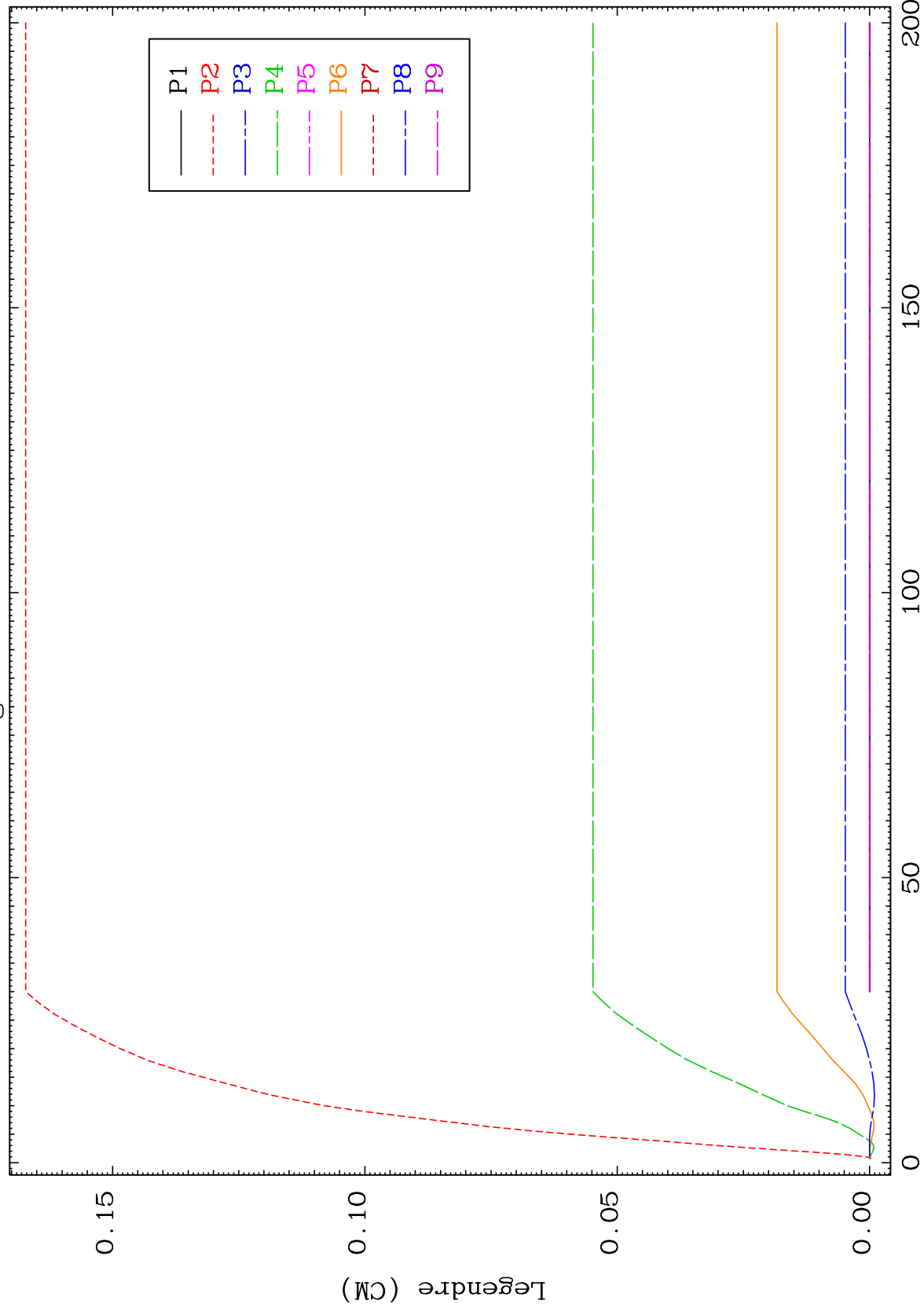
Incident Energy (MeV)

77-Ir-196

MAT 7740

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

77-Ir-196



113

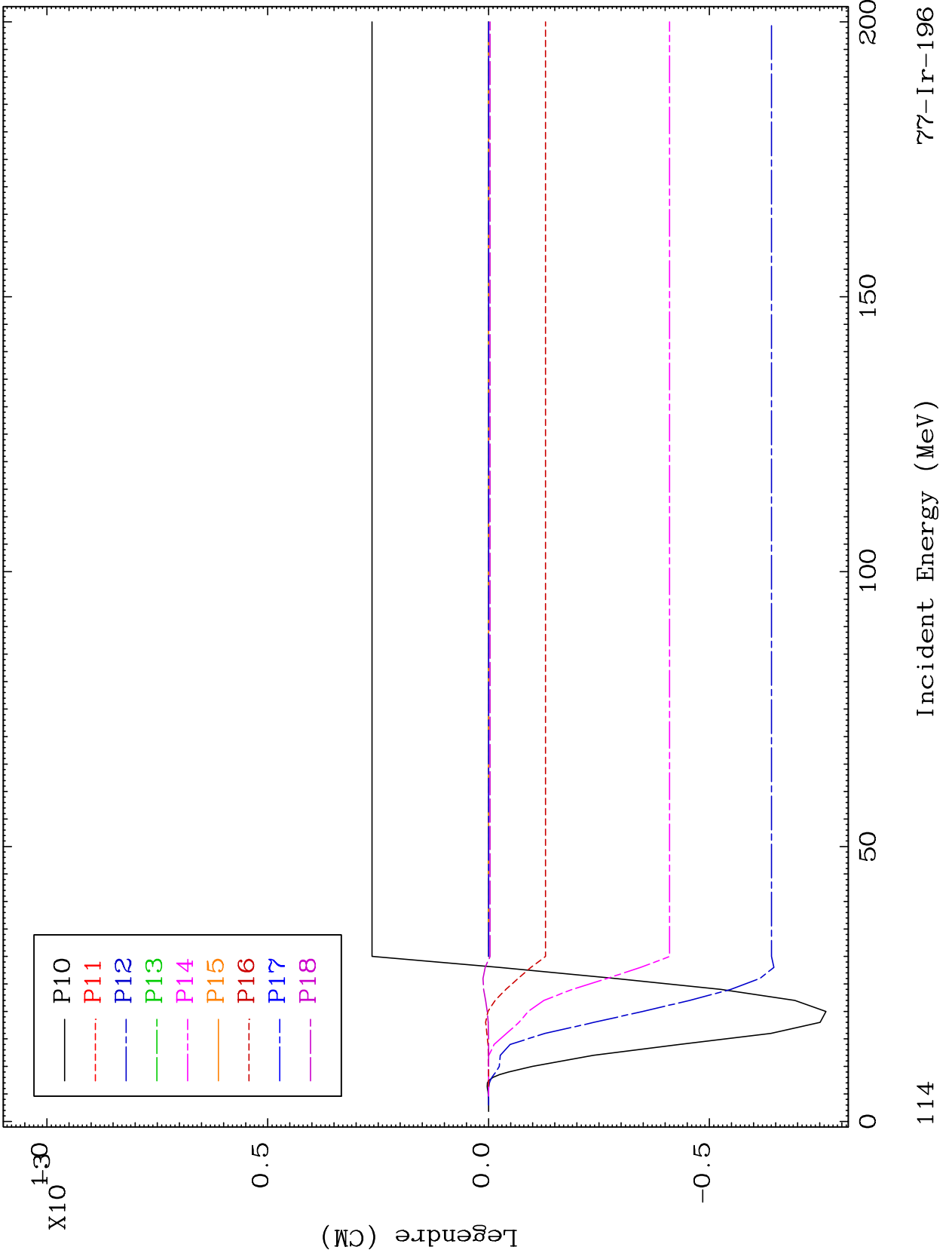
Incident Energy (MeV)

77-Ir-196

MAT 7740

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

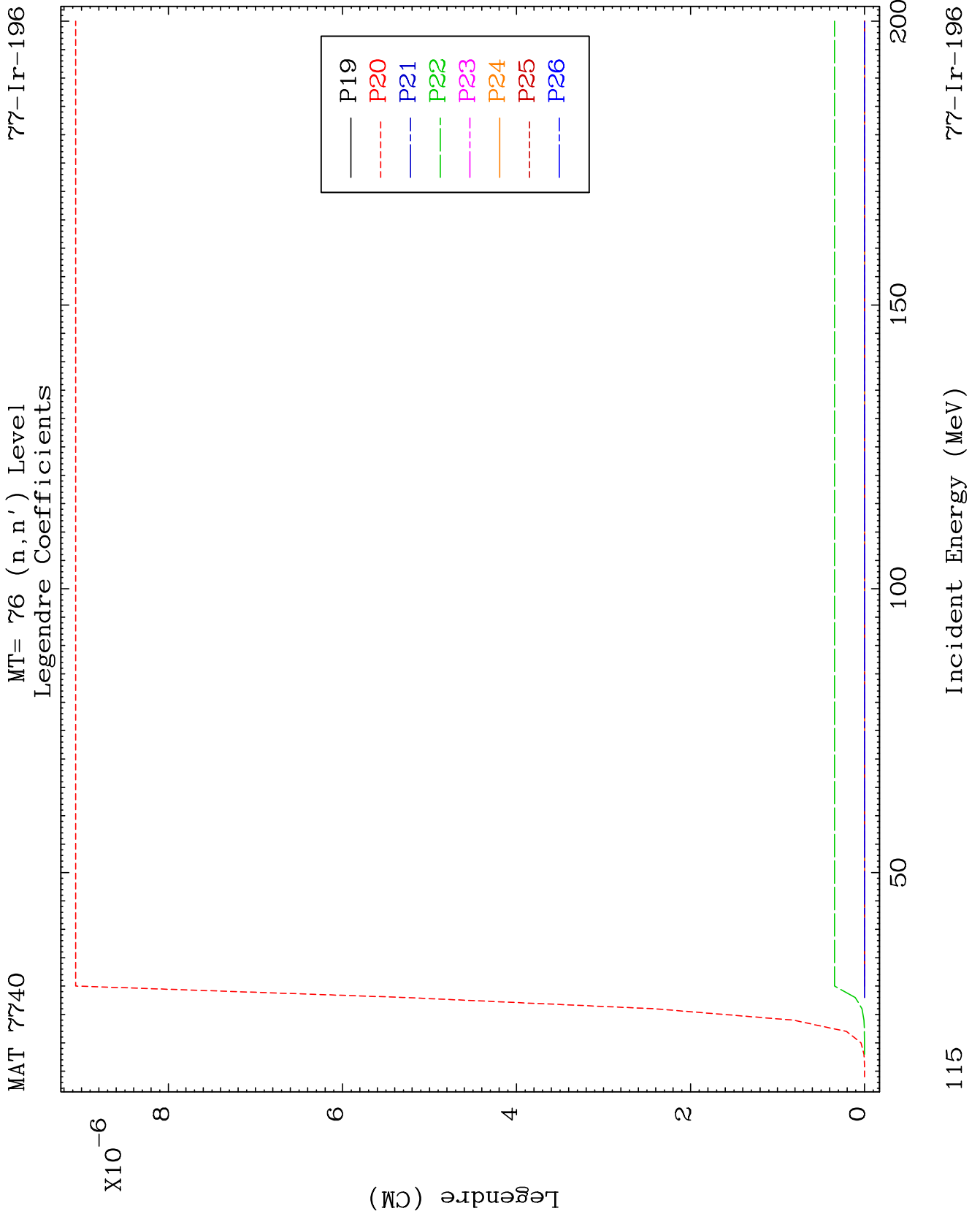
77-Ir-196



114

Incident Energy (MeV)

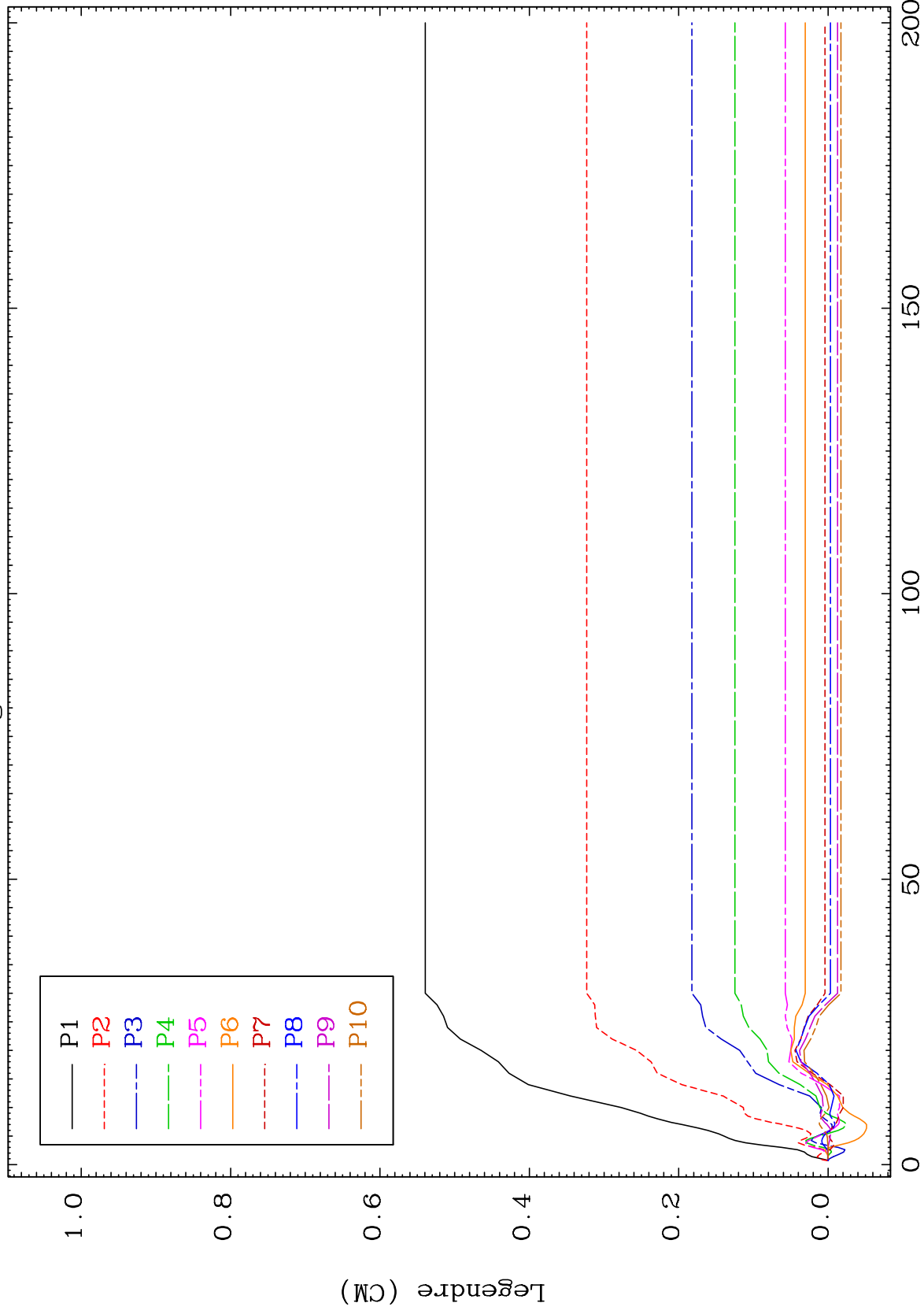
77-Ir-196



MAT 7740

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

77-Ir-196



116

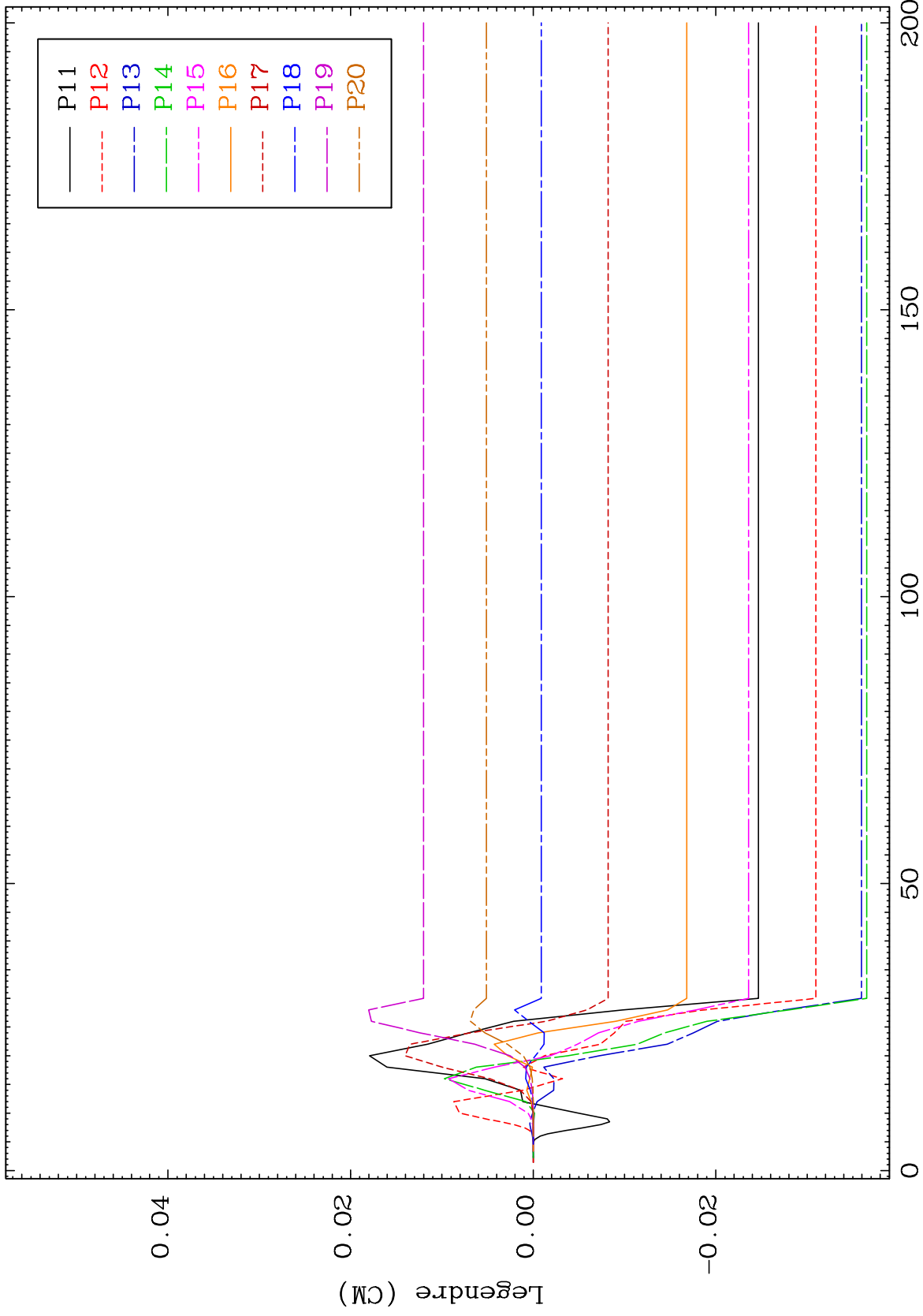
Incident Energy (MeV)

77-Ir-196

MAT 7740

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

77-Ir-196



117

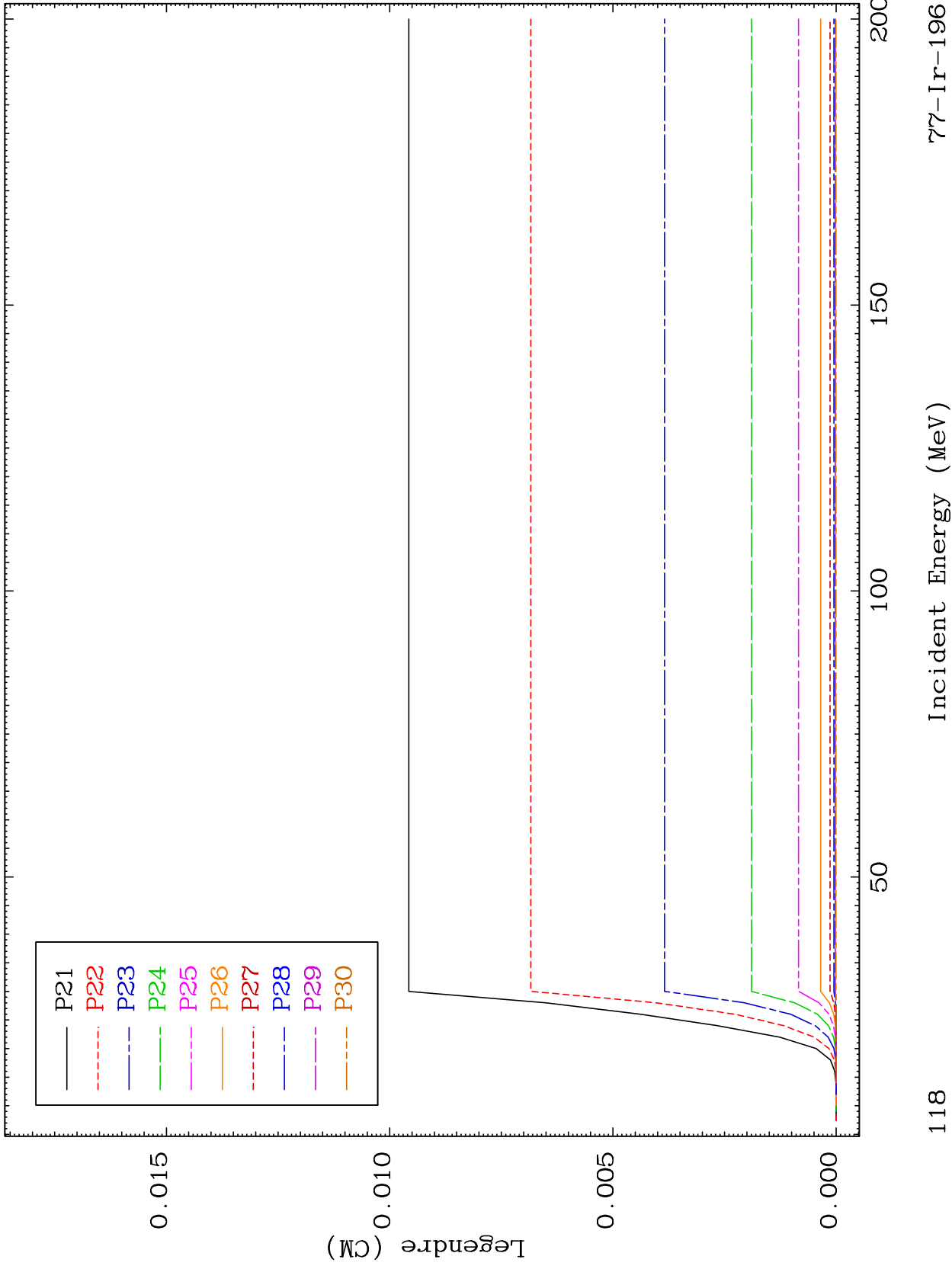
Incident Energy (MeV)

77-Ir-196

MAT 7740

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

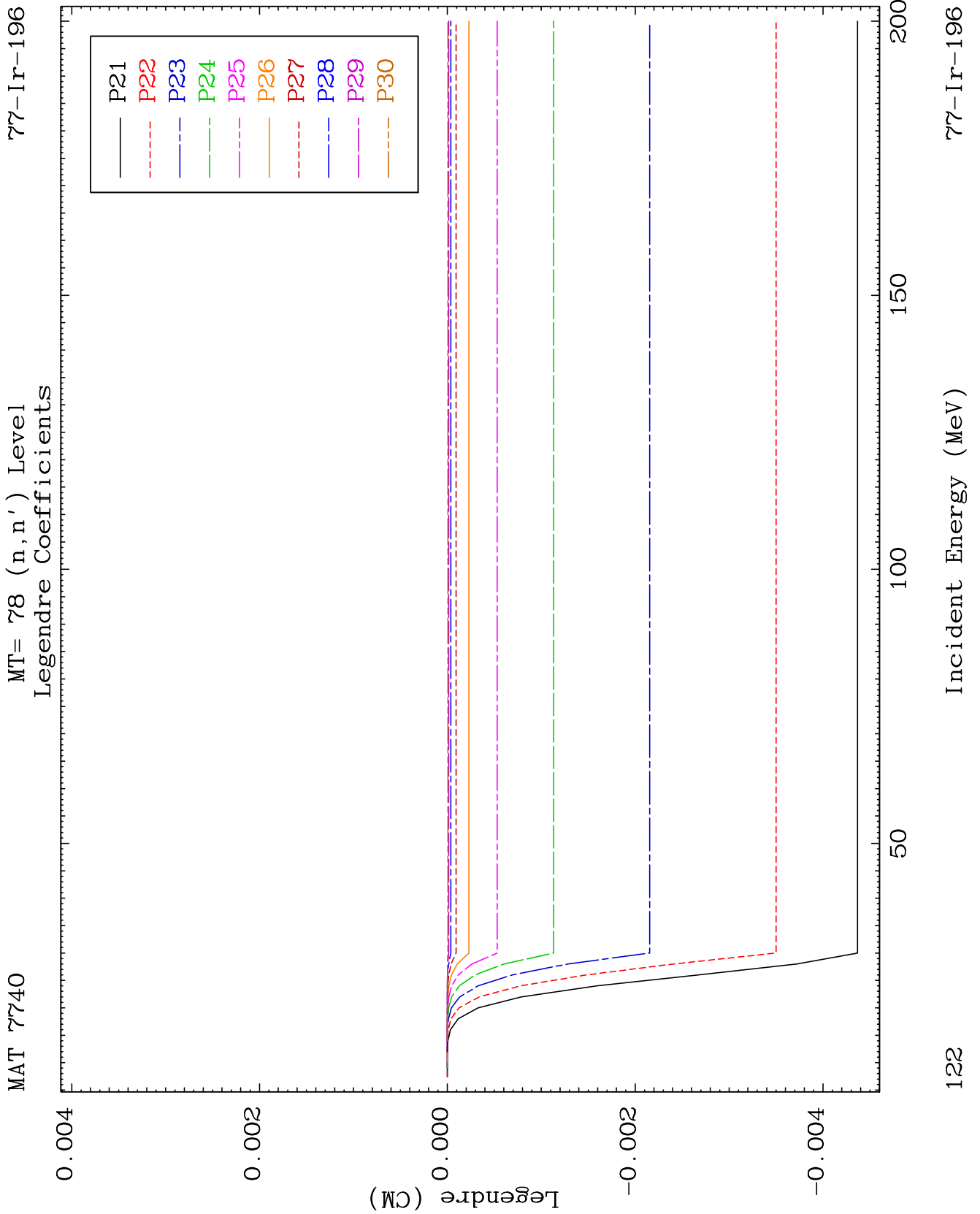
77-Ir-196

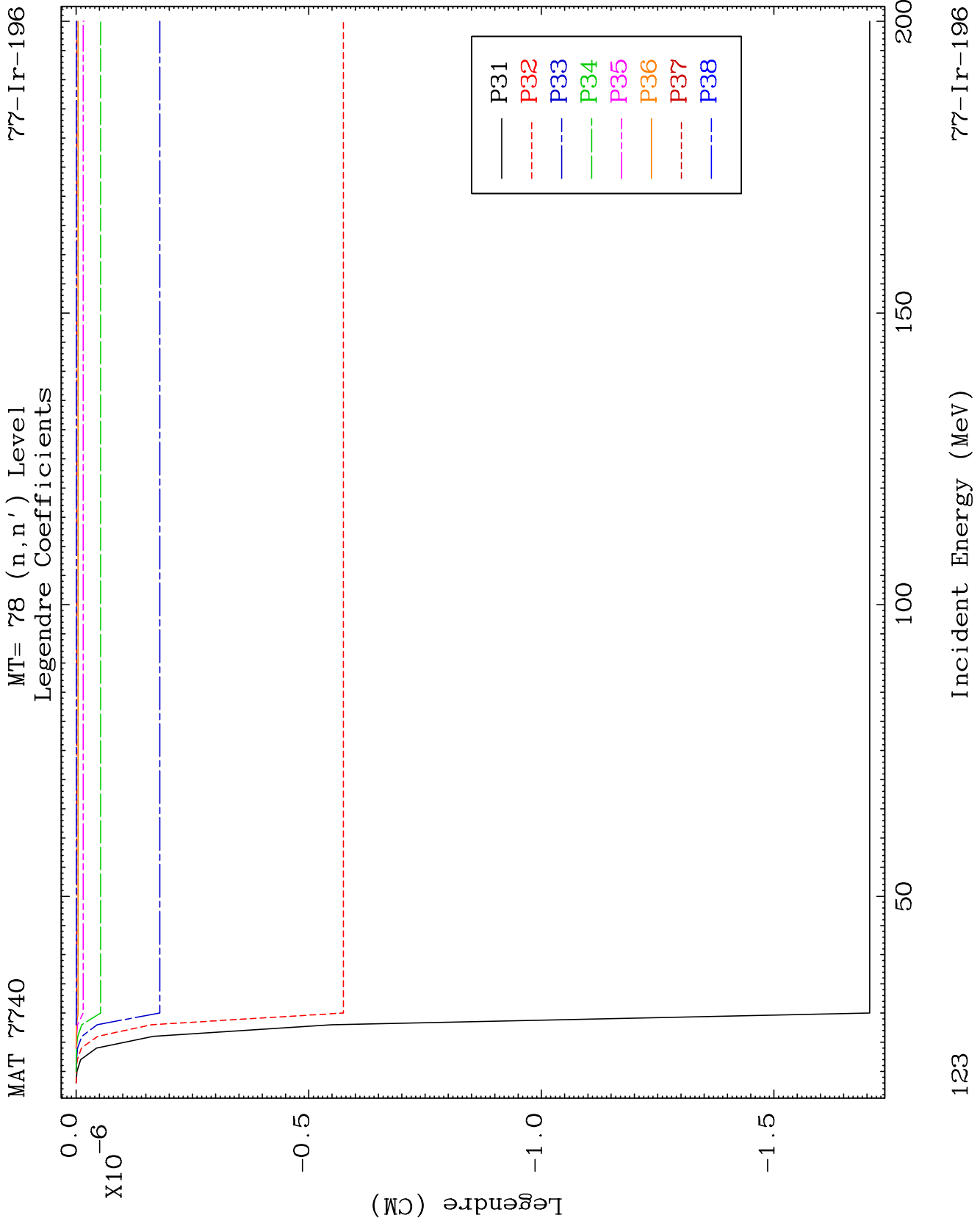


118

Incident Energy (MeV)

77-Ir-196

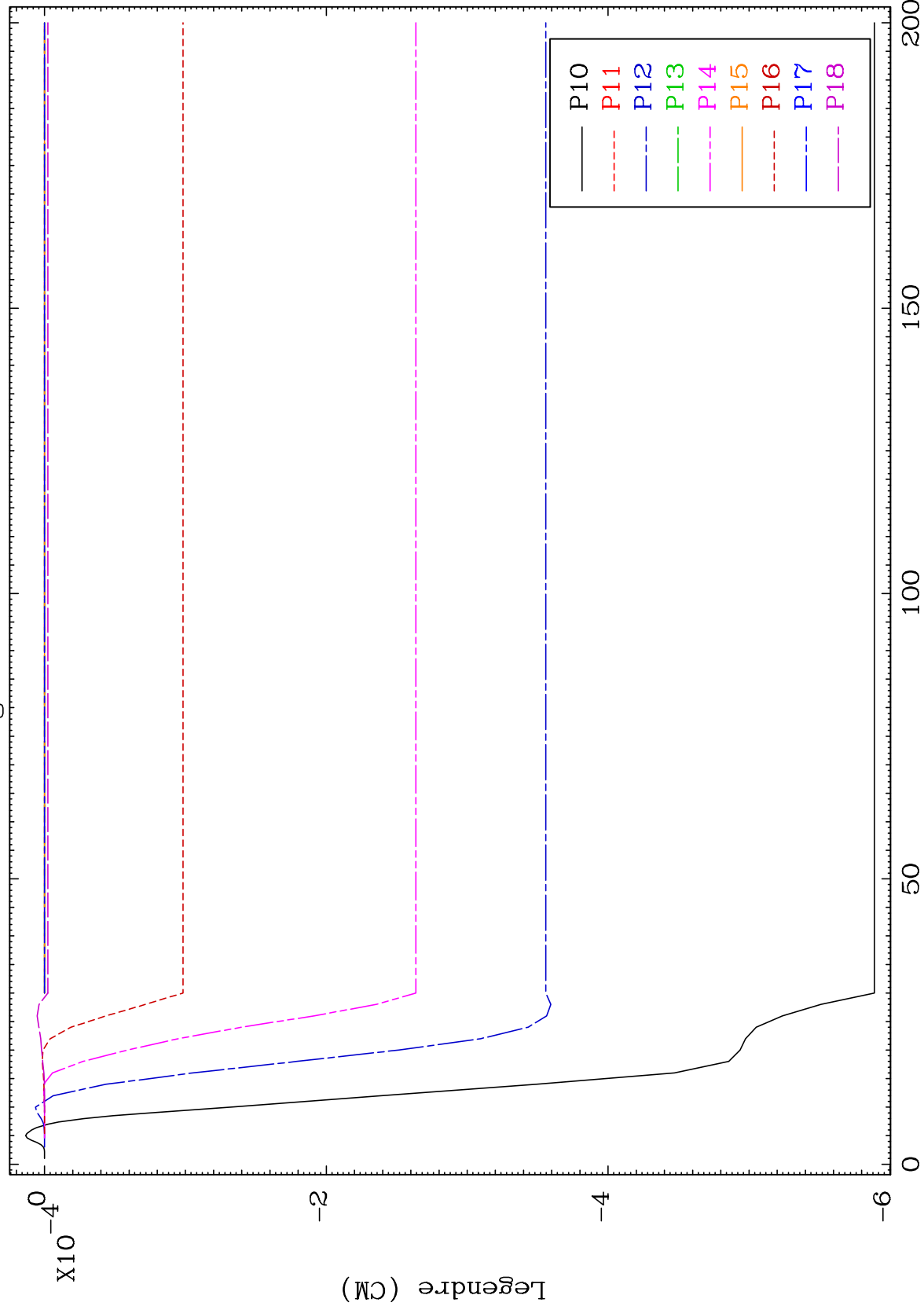




MAT 7740

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

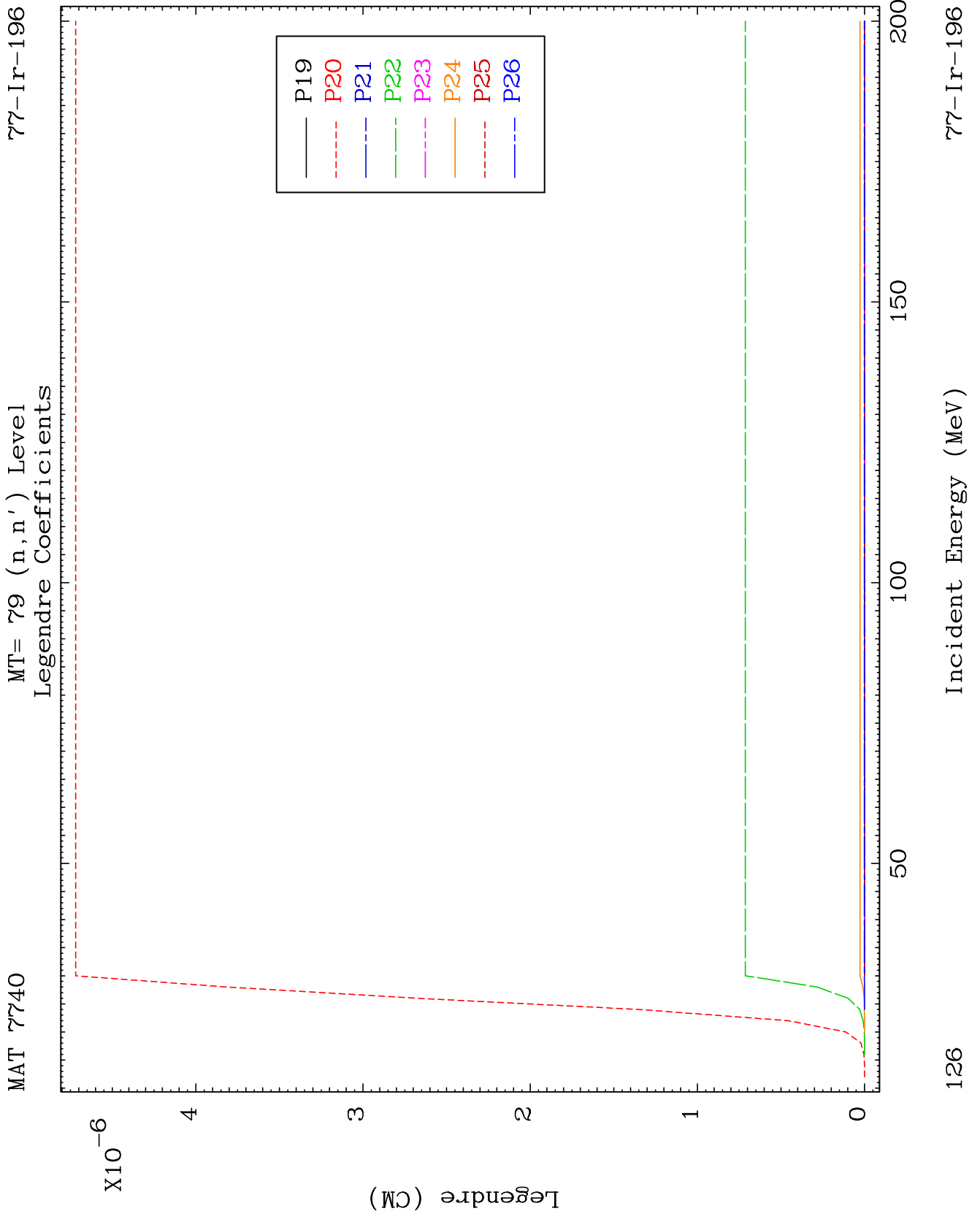
77-Ir-196



125

Incident Energy (MeV)

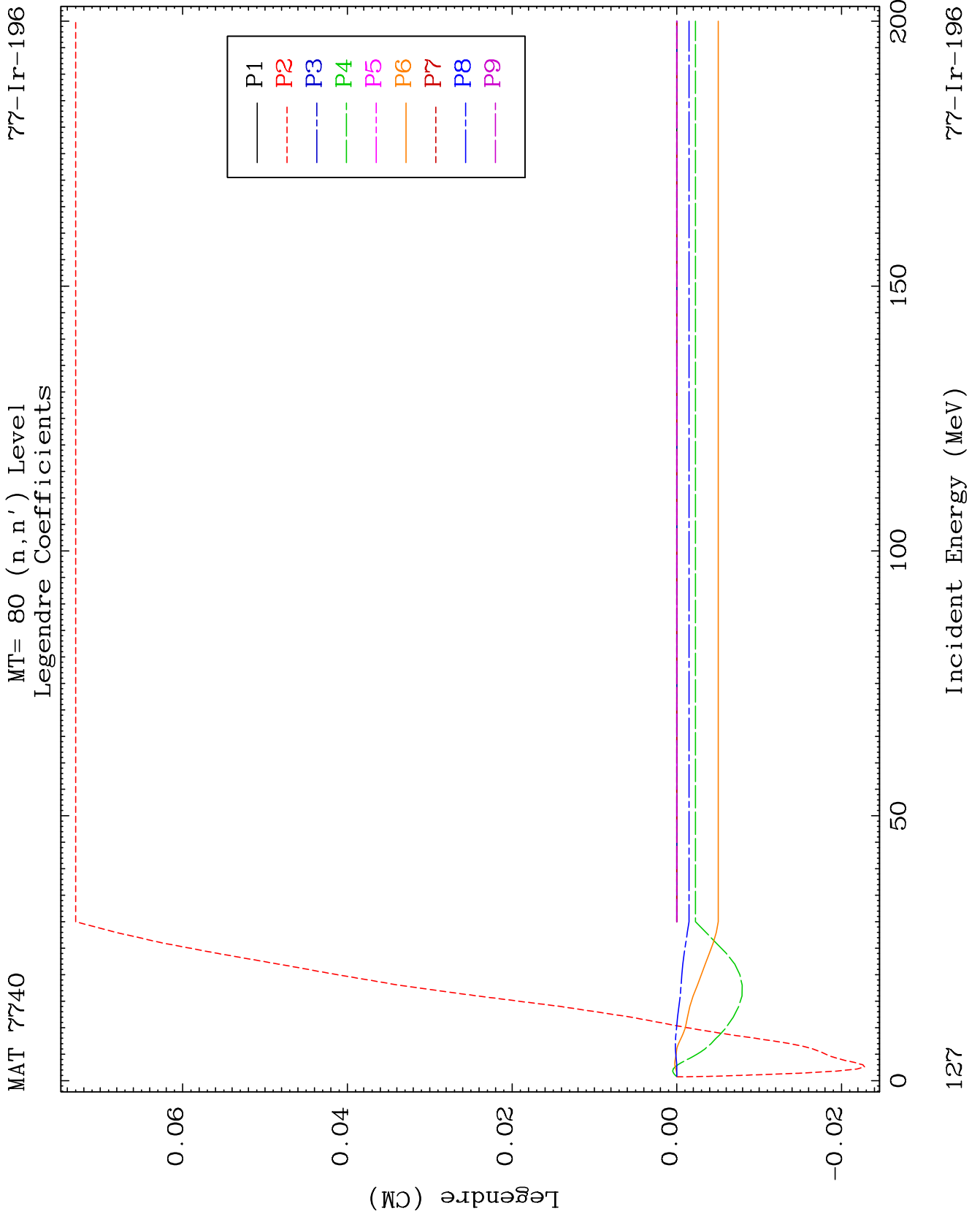
77-Ir-196



77-Ir-196

Incident Energy (MeV)

126



77-Ir-196

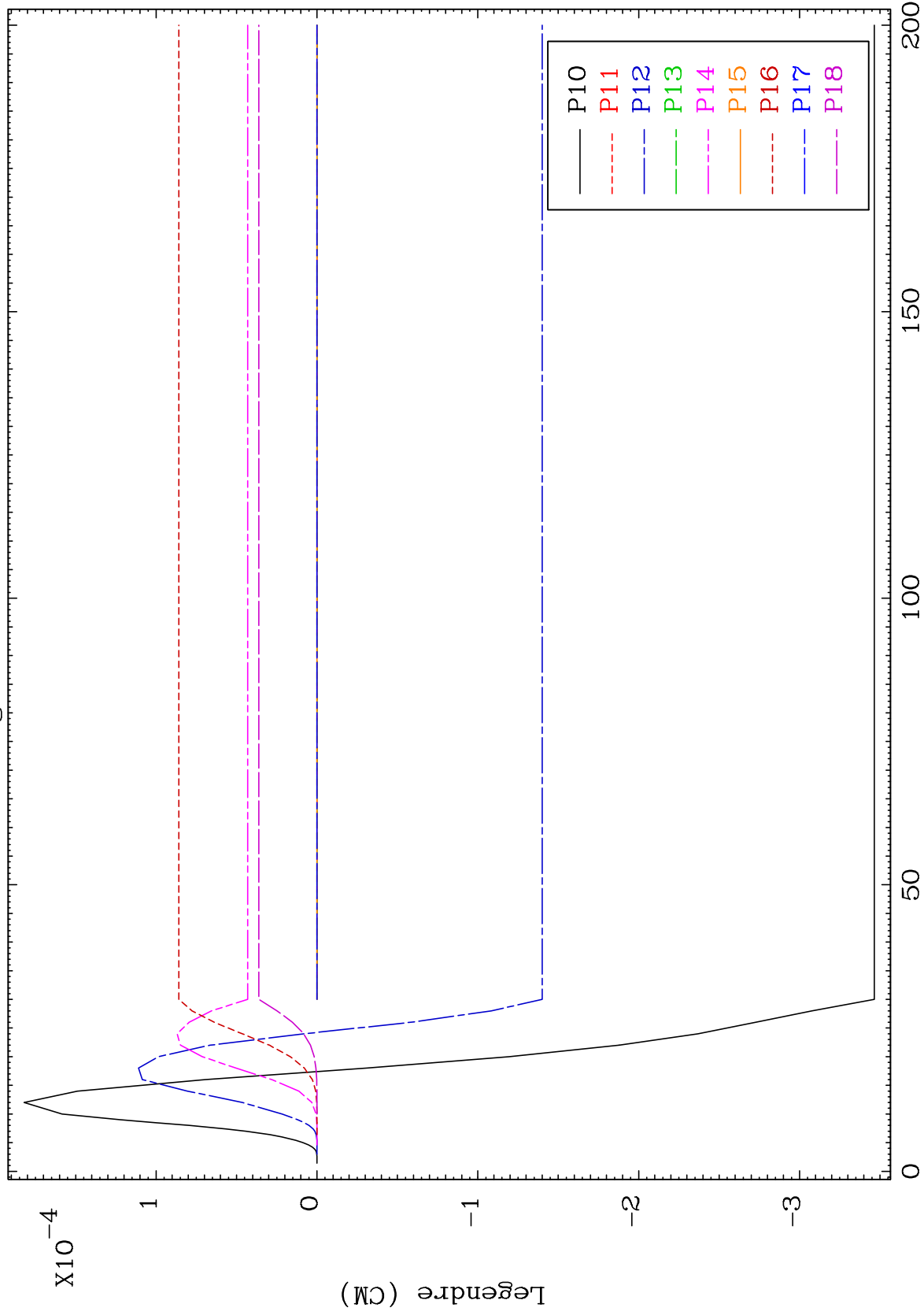
Incident Energy (MeV)

127

MAT 7740

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

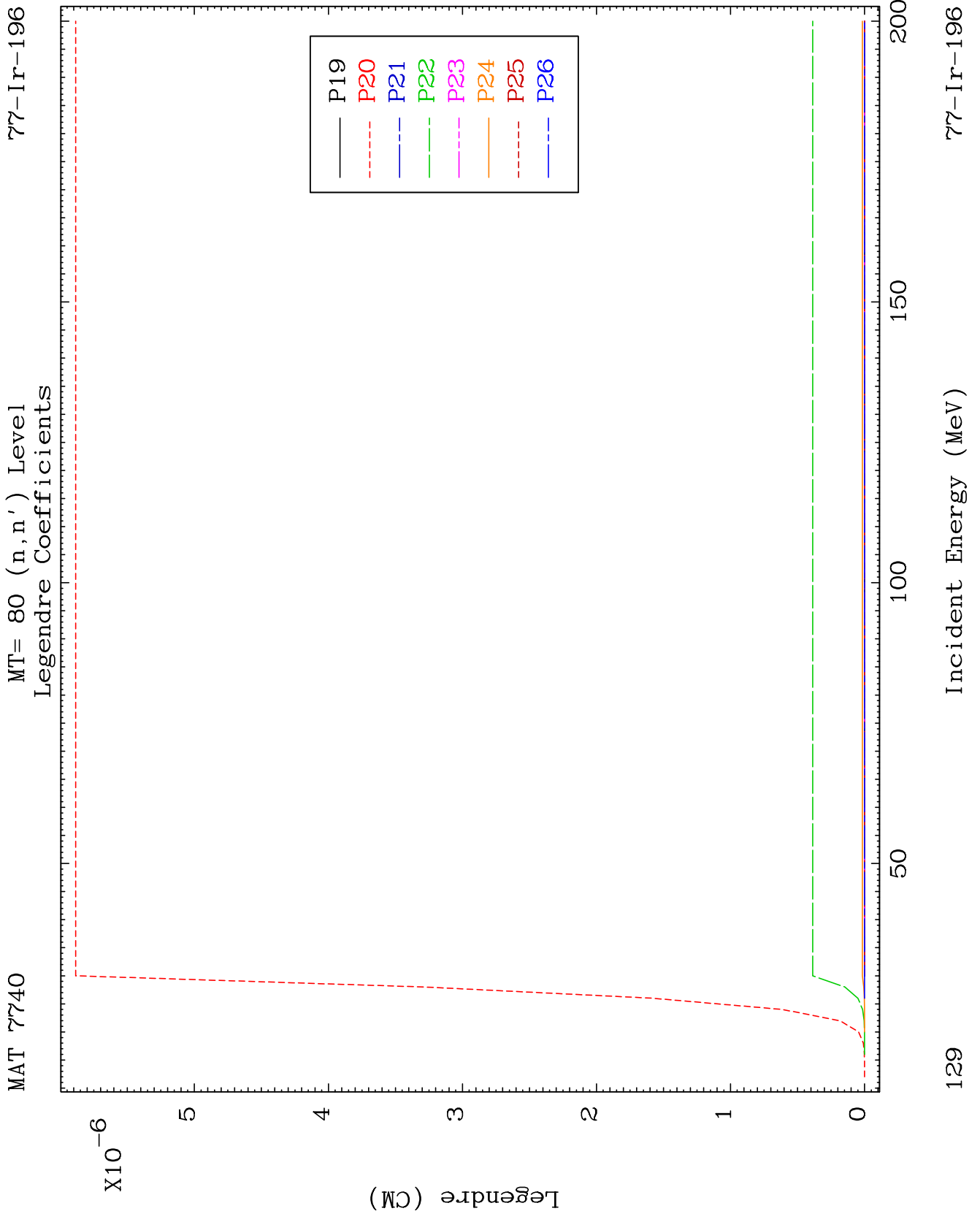
77-Ir-196



128

Incident Energy (MeV)

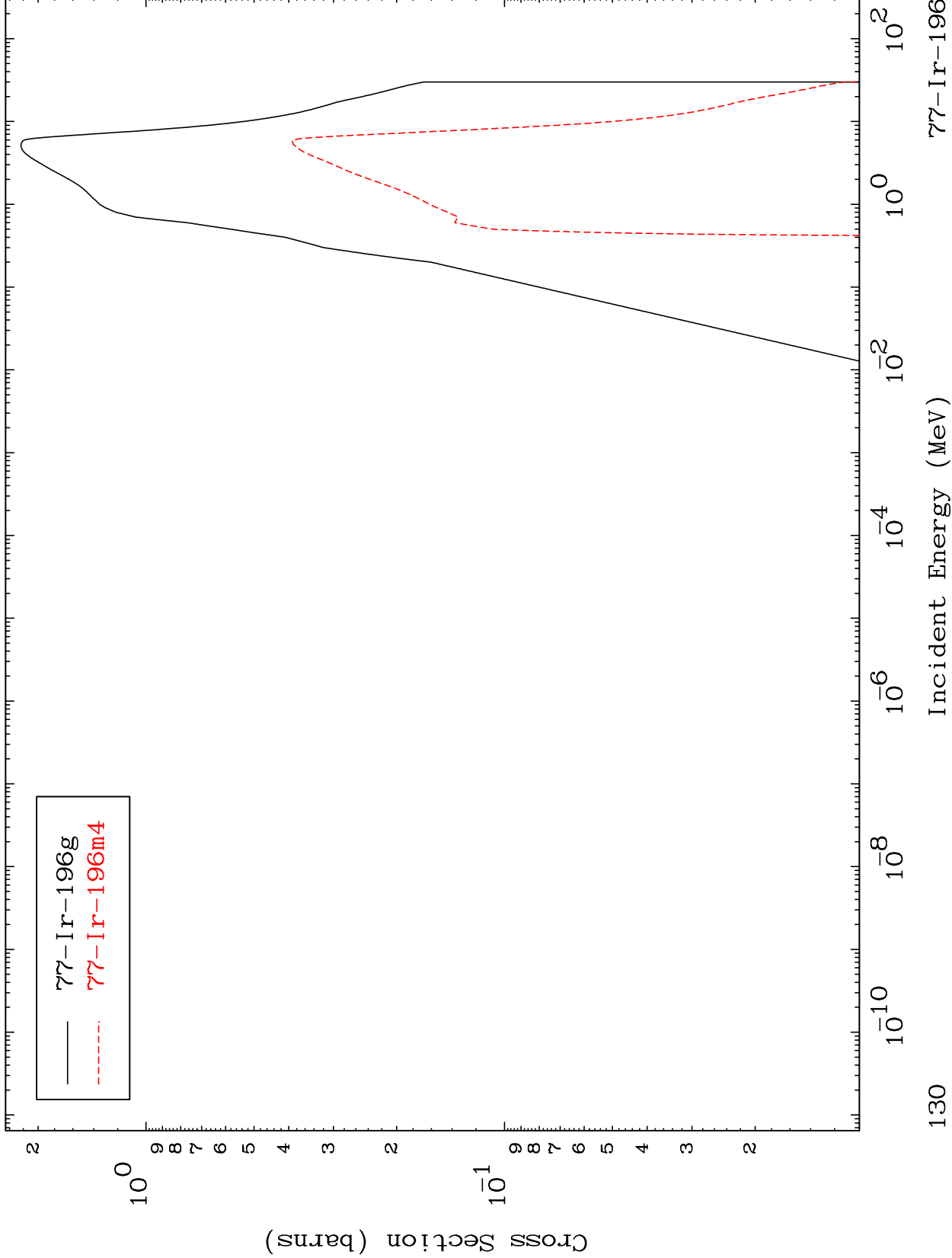
77-Ir-196



MAT 7740

Inelastic
Radionuclide Production Cross Section

⁷⁷Ir-196



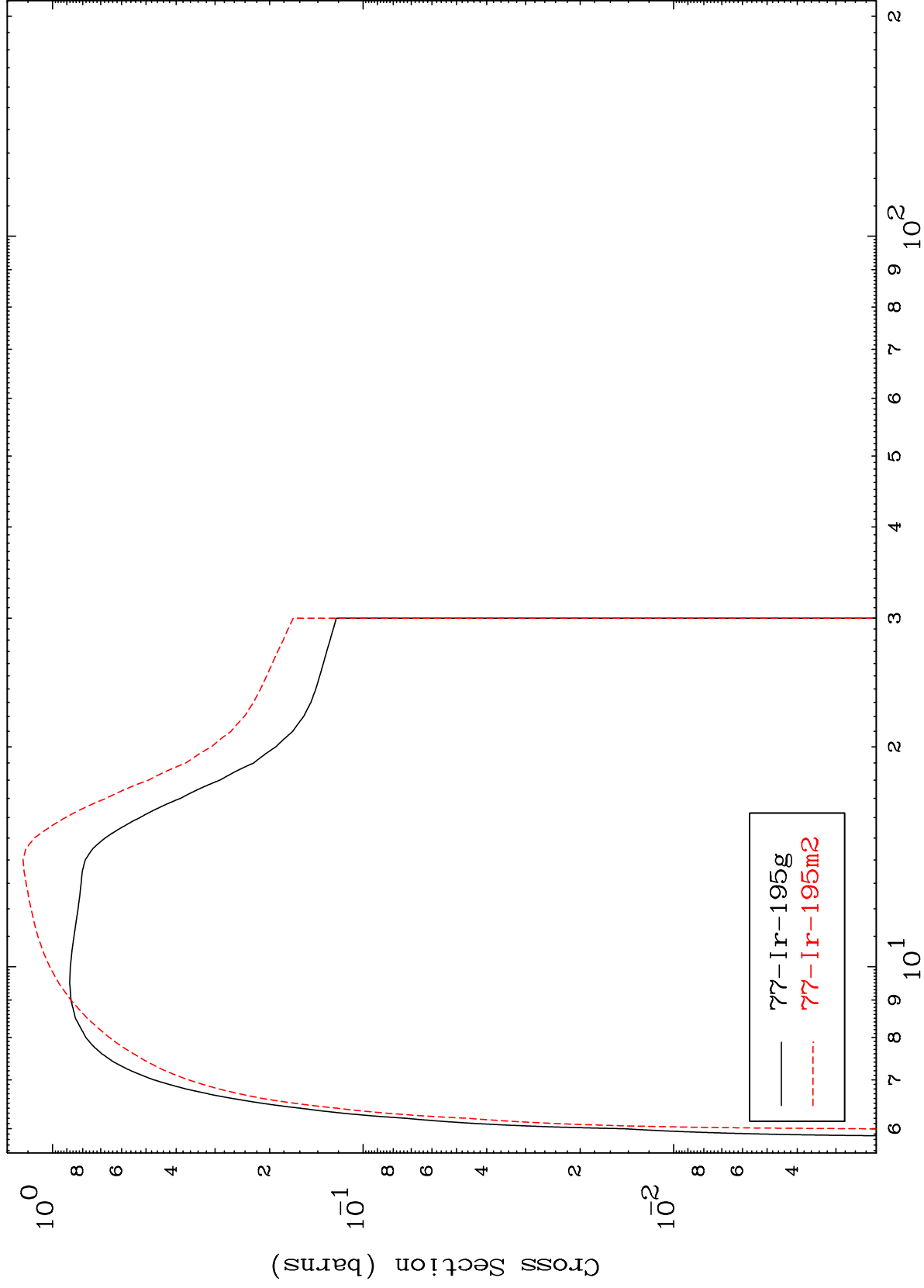
— ⁷⁷Ir-196g
- - - ⁷⁷Ir-196m4

MAT 7740

(n,2n)

⁷⁷Ir-196

Radionuclide Production Cross Section



131

Incident Energy (MeV)

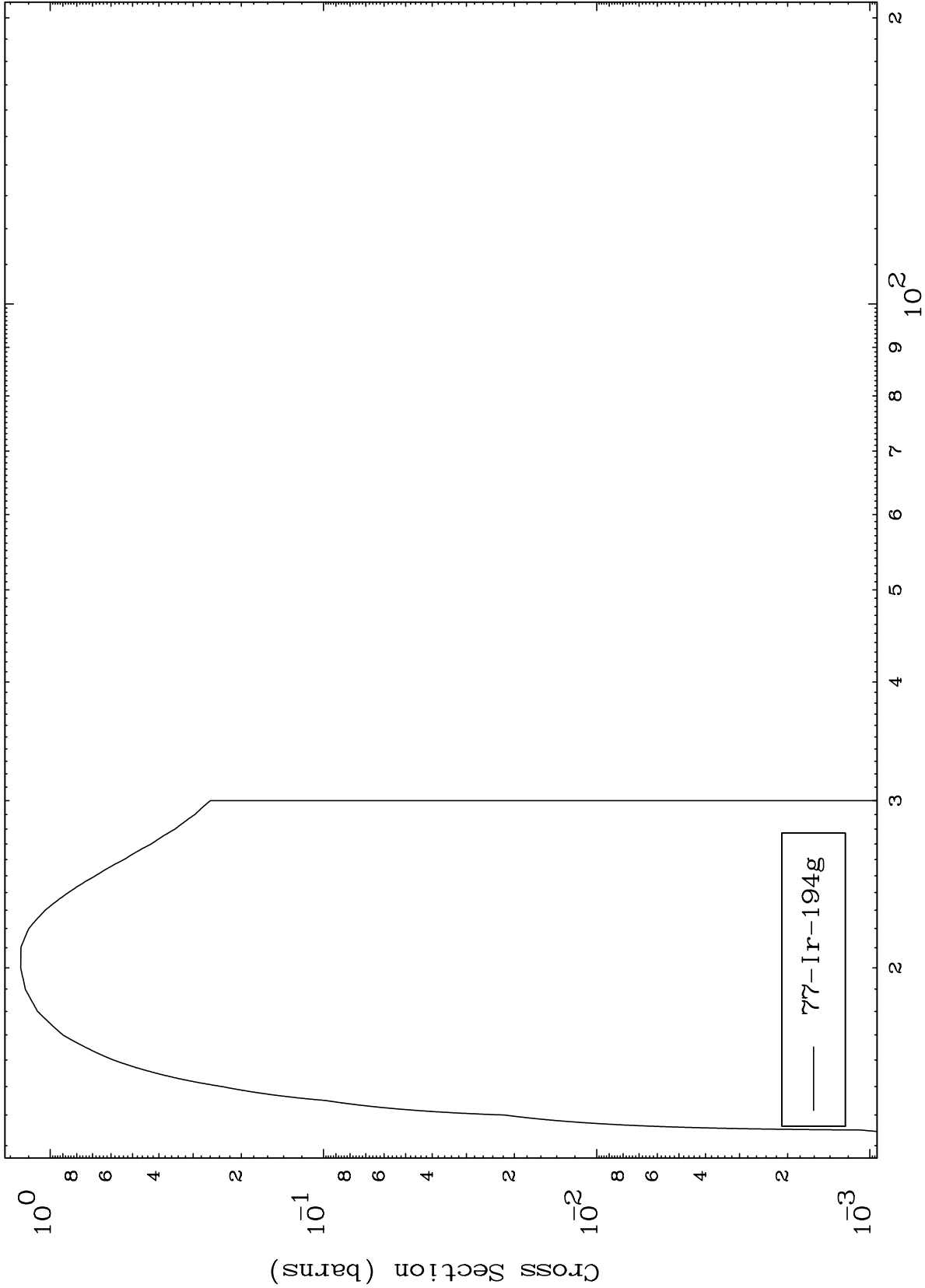
⁷⁷Ir-196

MAT 7740

(n,3n)

⁷⁷Ir-196

Radionuclide Production Cross Section



132

Incident Energy (MeV)

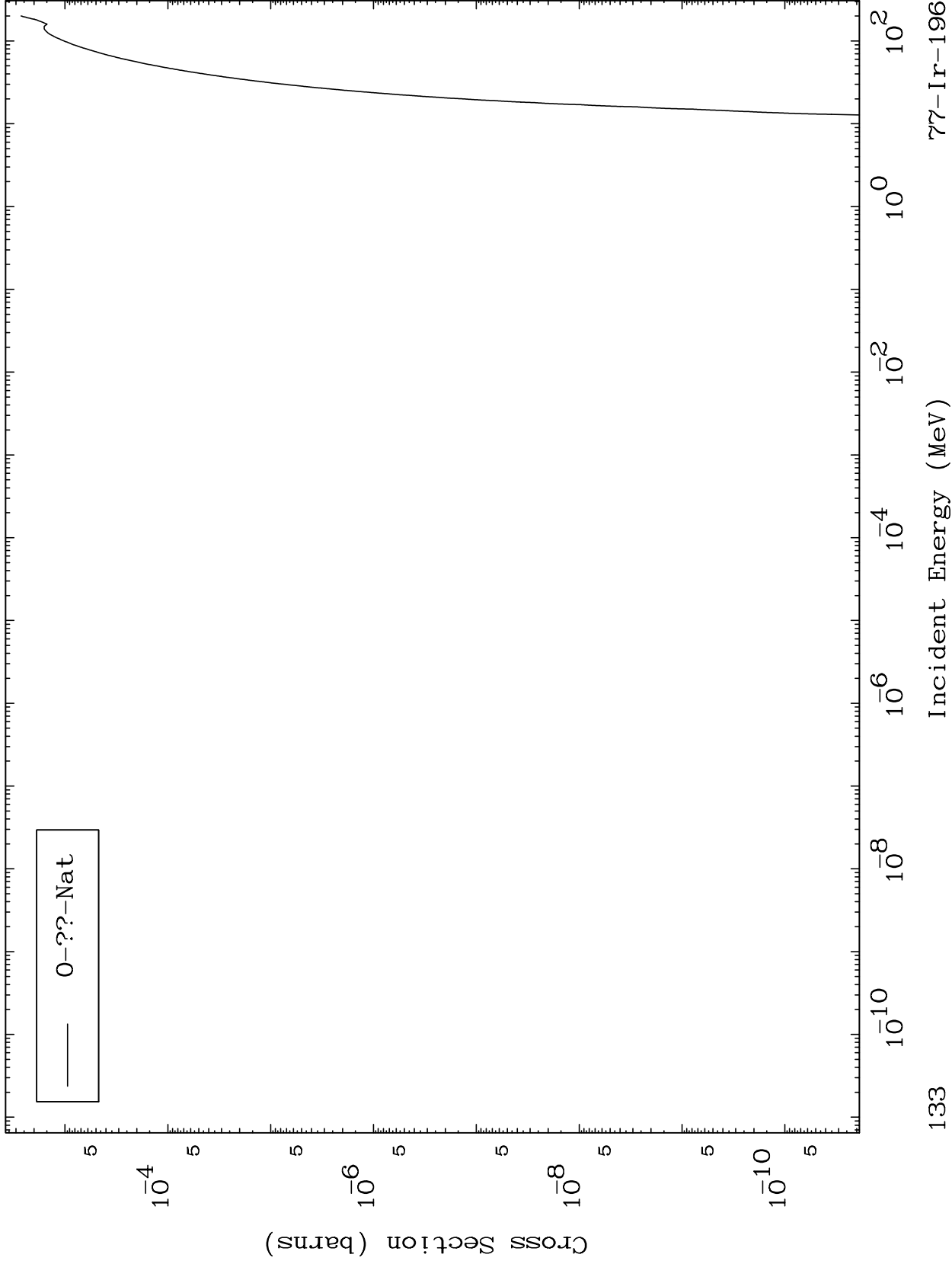
⁷⁷Ir-196

MAT 7740

Fission

⁷⁷Ir-196

Radionuclide Production Cross Section



133

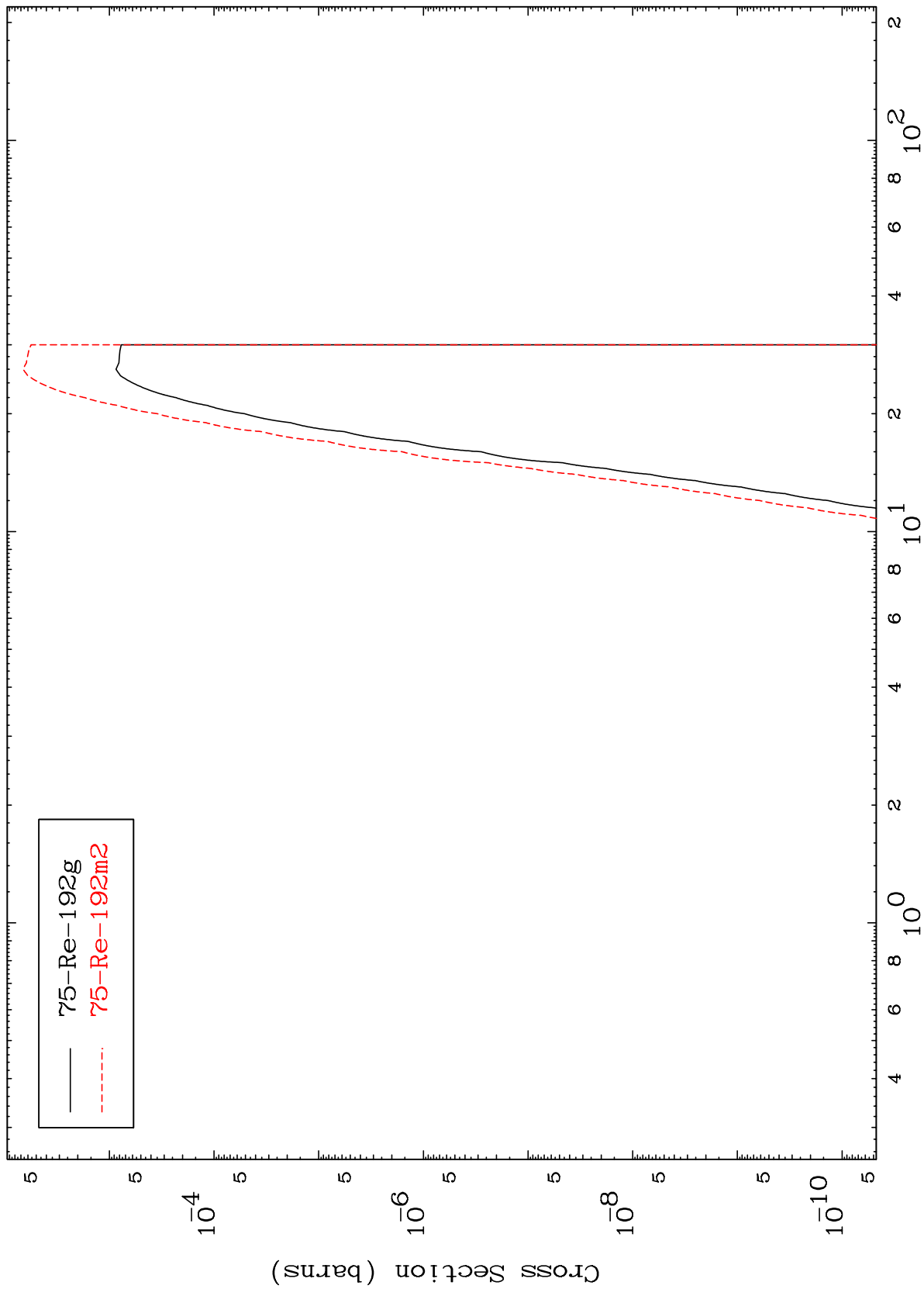
⁷⁷Ir-196

MAT 7740

(n,n') α

77-Ir-196

Radionuclide Production Cross Section



134

Incident Energy (MeV)

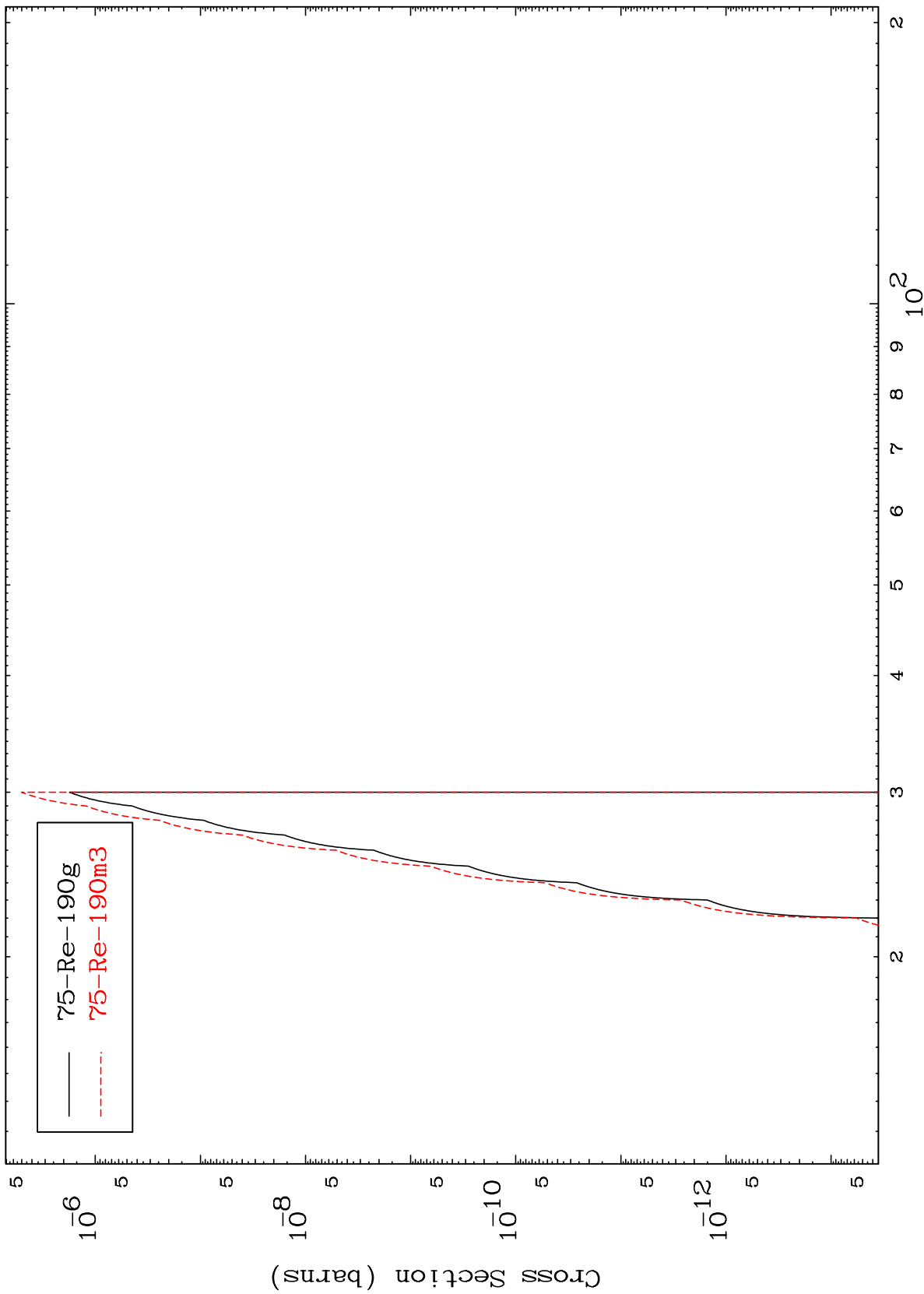
77-Ir-196

MAT 7740

(n,3n) α

77-Ir-196

Radionuclide Production Cross Section



135

Incident Energy (MeV)

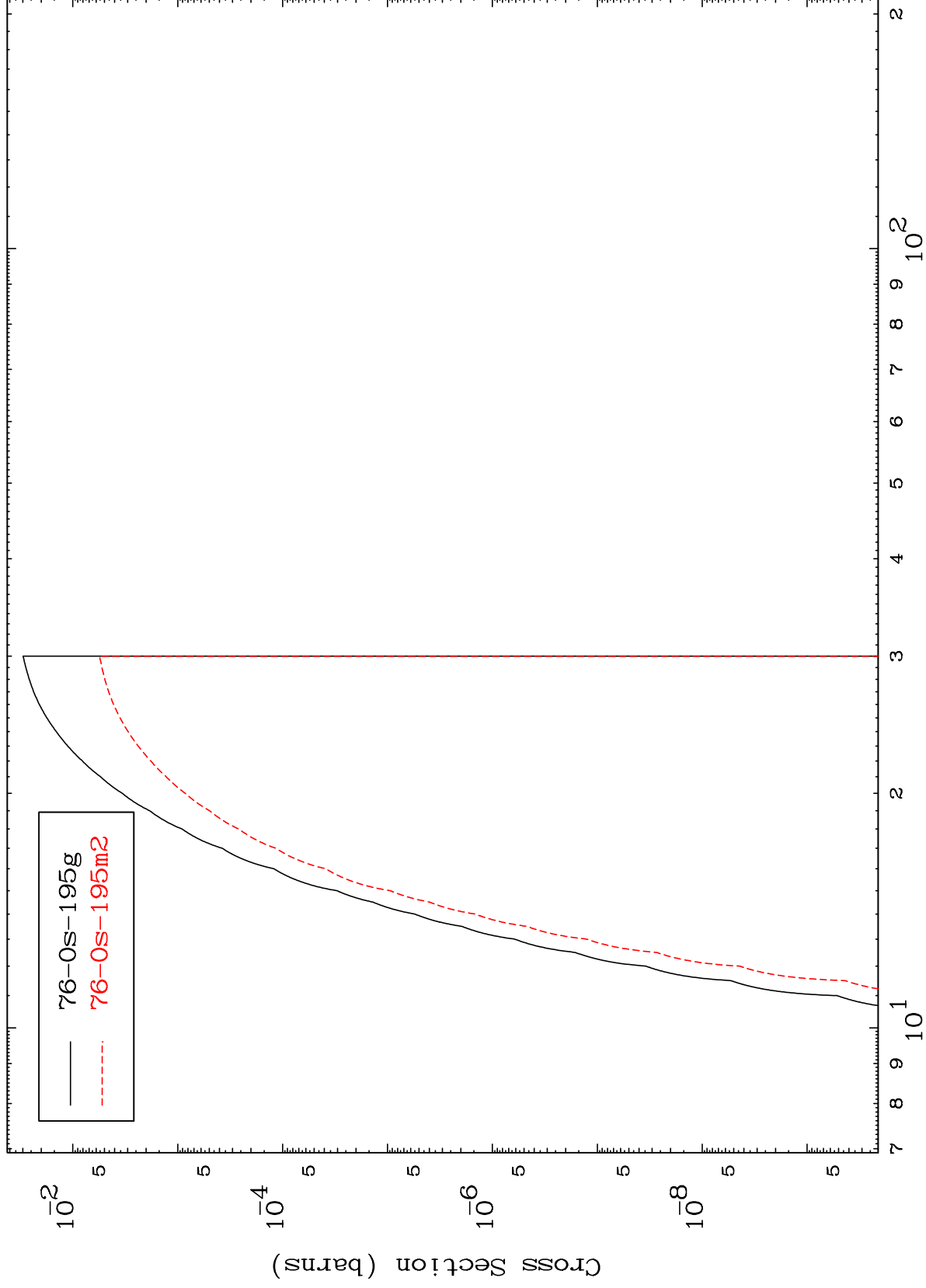
77-Ir-196

MAT 7740

(n,n') p

⁷⁷Ir-196

Radionuclide Production Cross Section



136

Incident Energy (MeV)

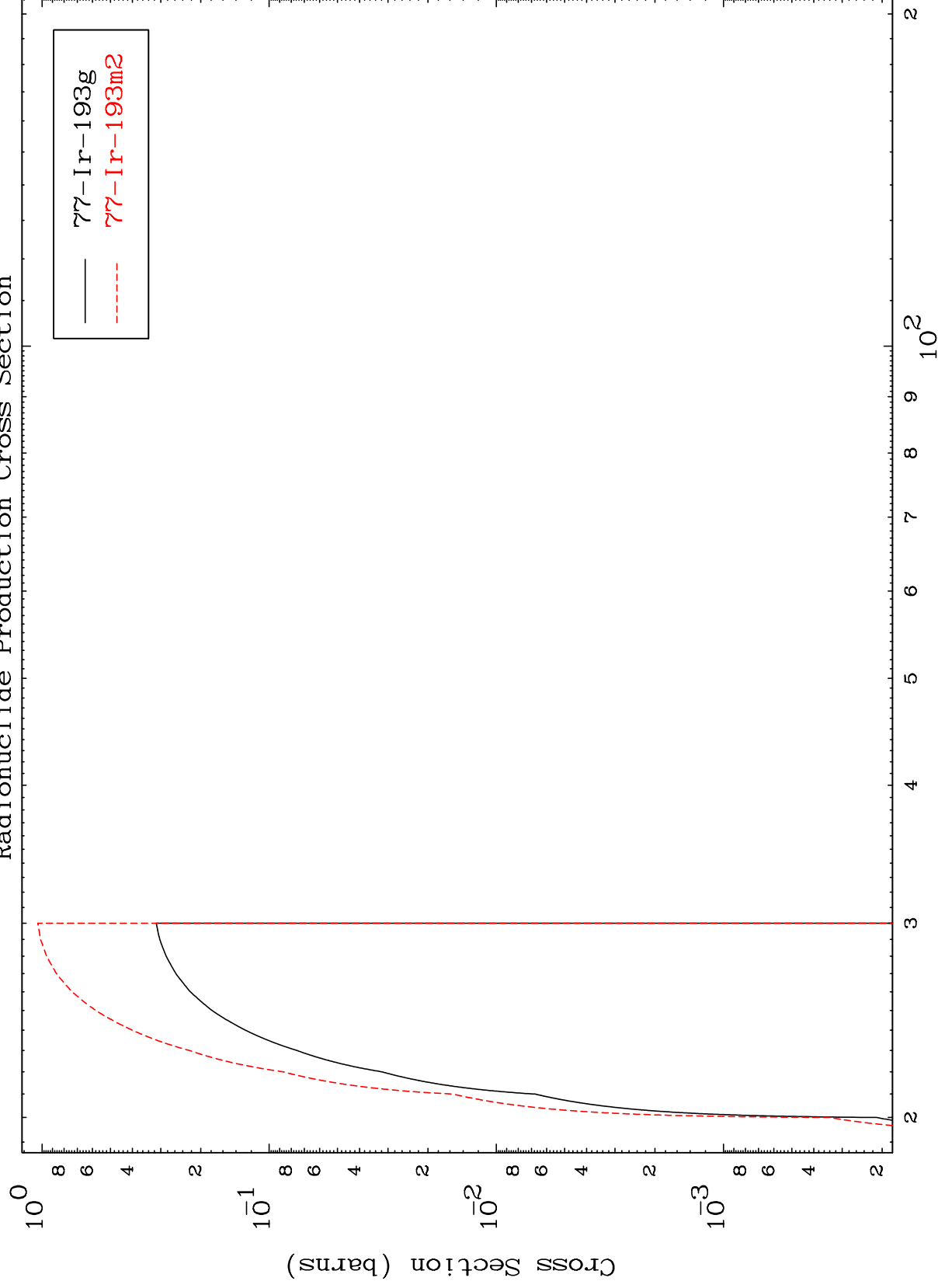
⁷⁷Ir-196

MAT 7740

(n,4n)

77-Ir-196

Radionuclide Production Cross Section



137

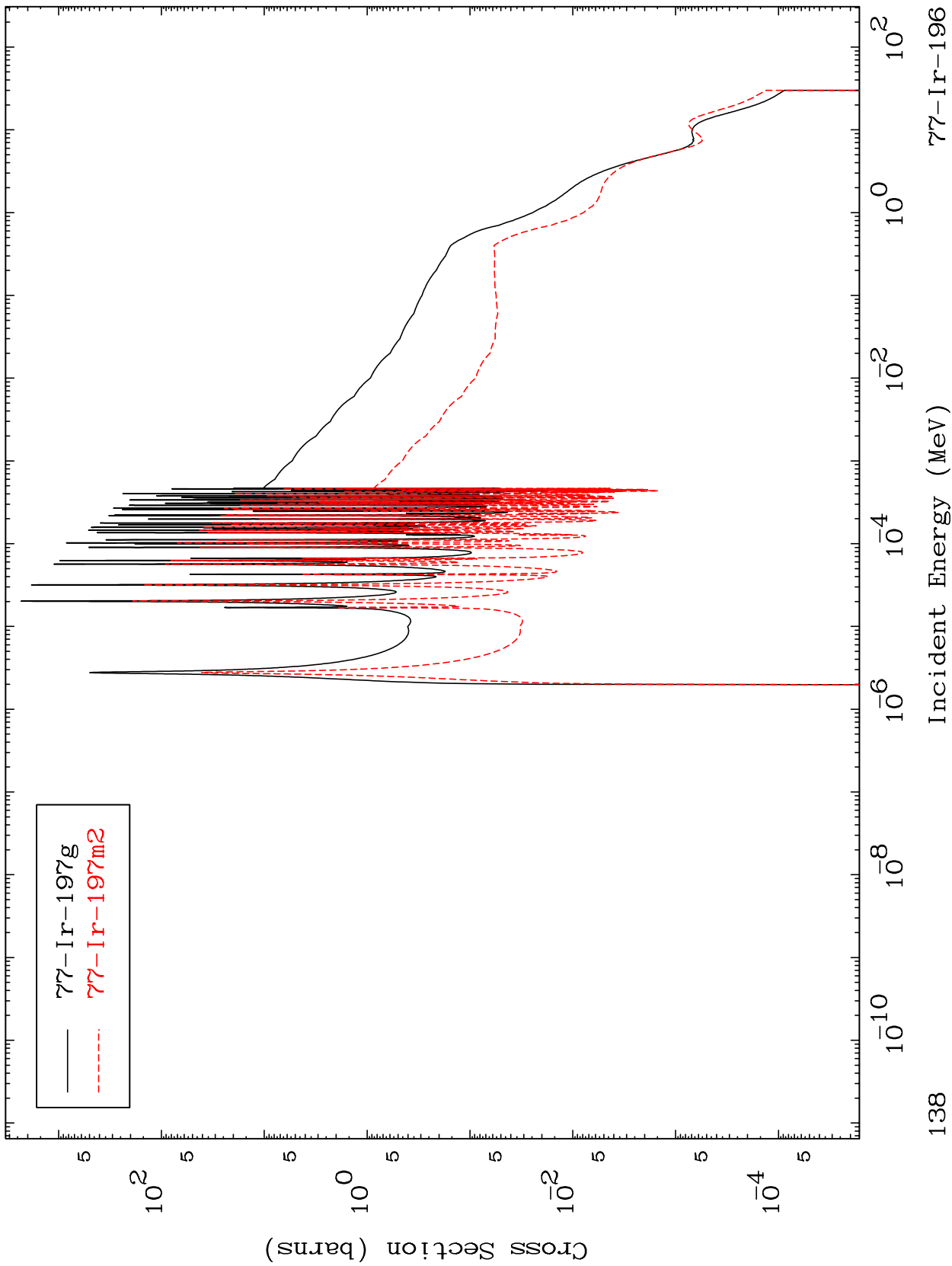
Incident Energy (MeV)

77-Ir-196

MAT 7740

77-Ir-196

(n,γ)
Radionuclide Production Cross Section



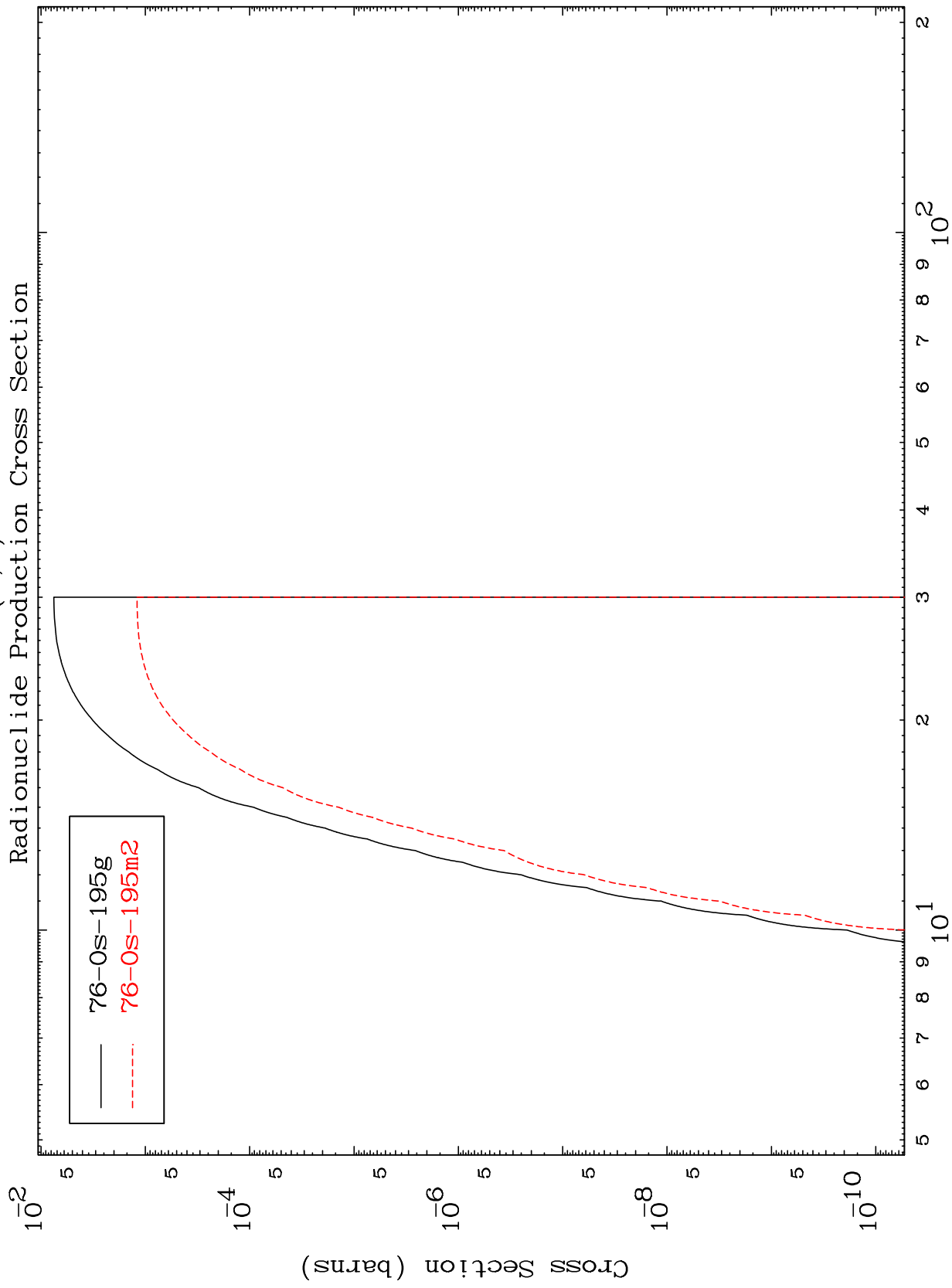
138

77-Ir-196

MAT 7740

(n,d)

⁷⁷Ir-196

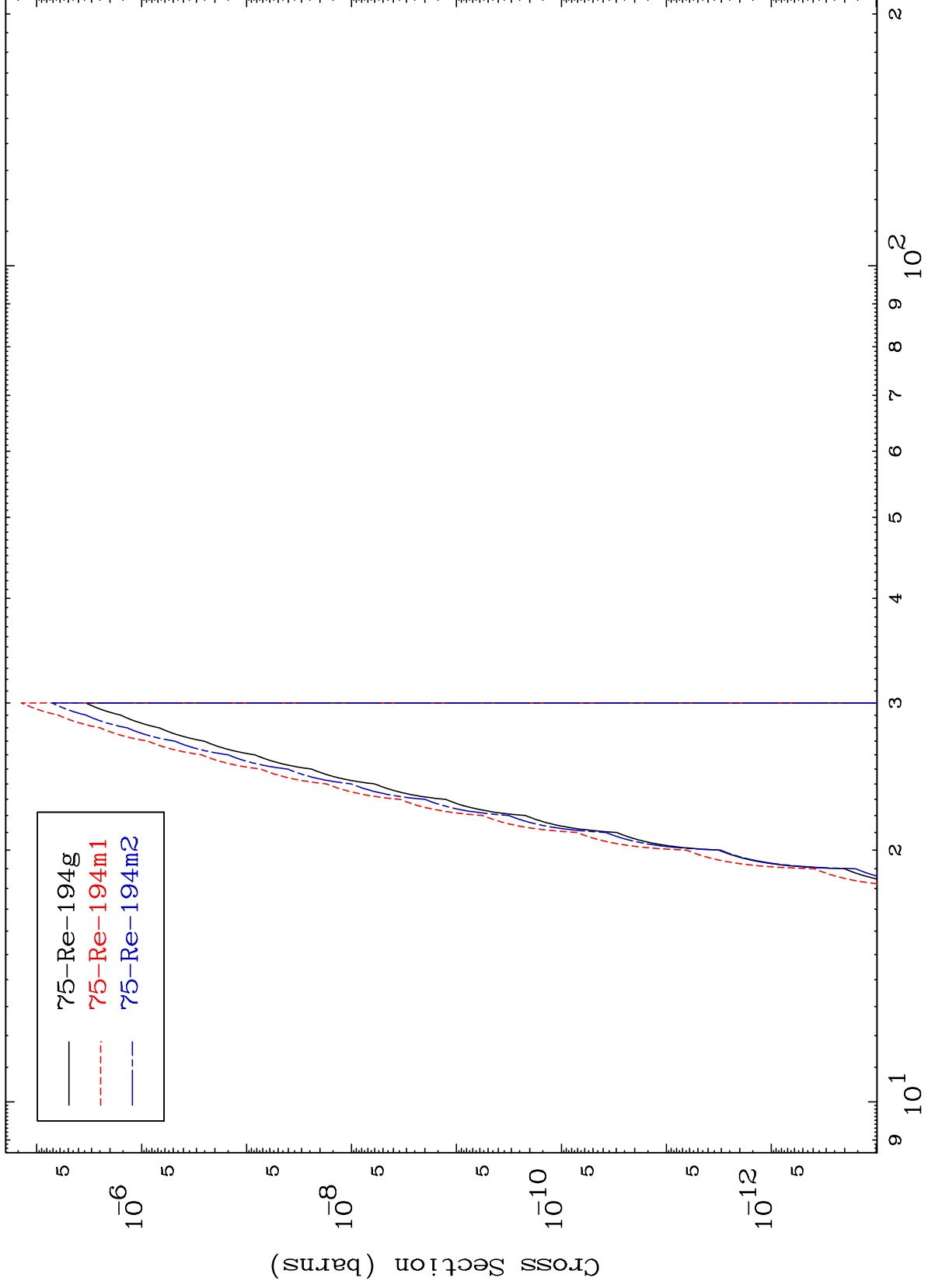


MAT 7740

(n,He-3)

77-Ir-196

Radionuclide Production Cross Section



140

Incident Energy (MeV)

77-Ir-196