

Program EVALPLOT
(Version 2021-1)

by

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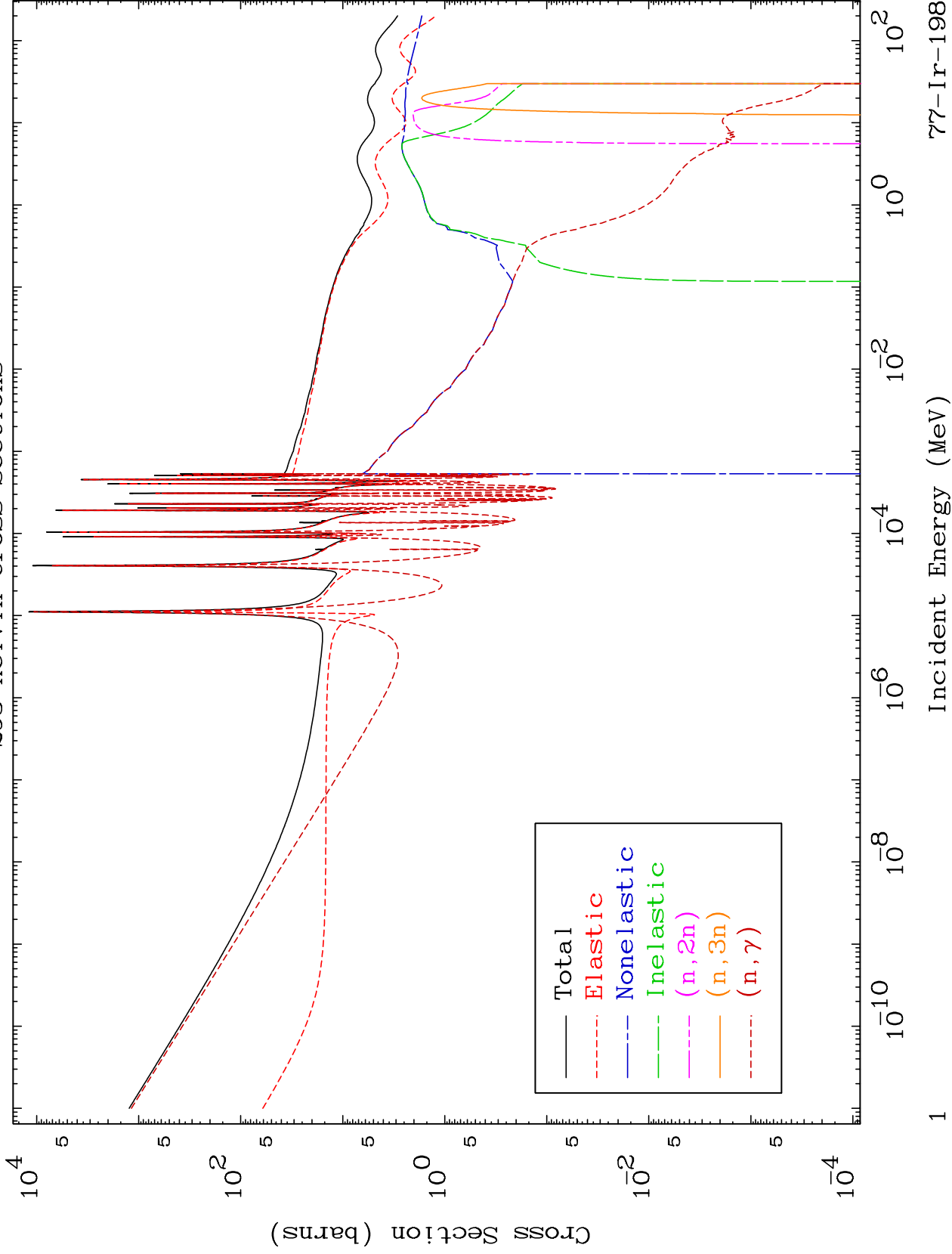
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Press Mouse Button to Start

MAT 7746

Neutron Major
293 Kelvin Cross Sections

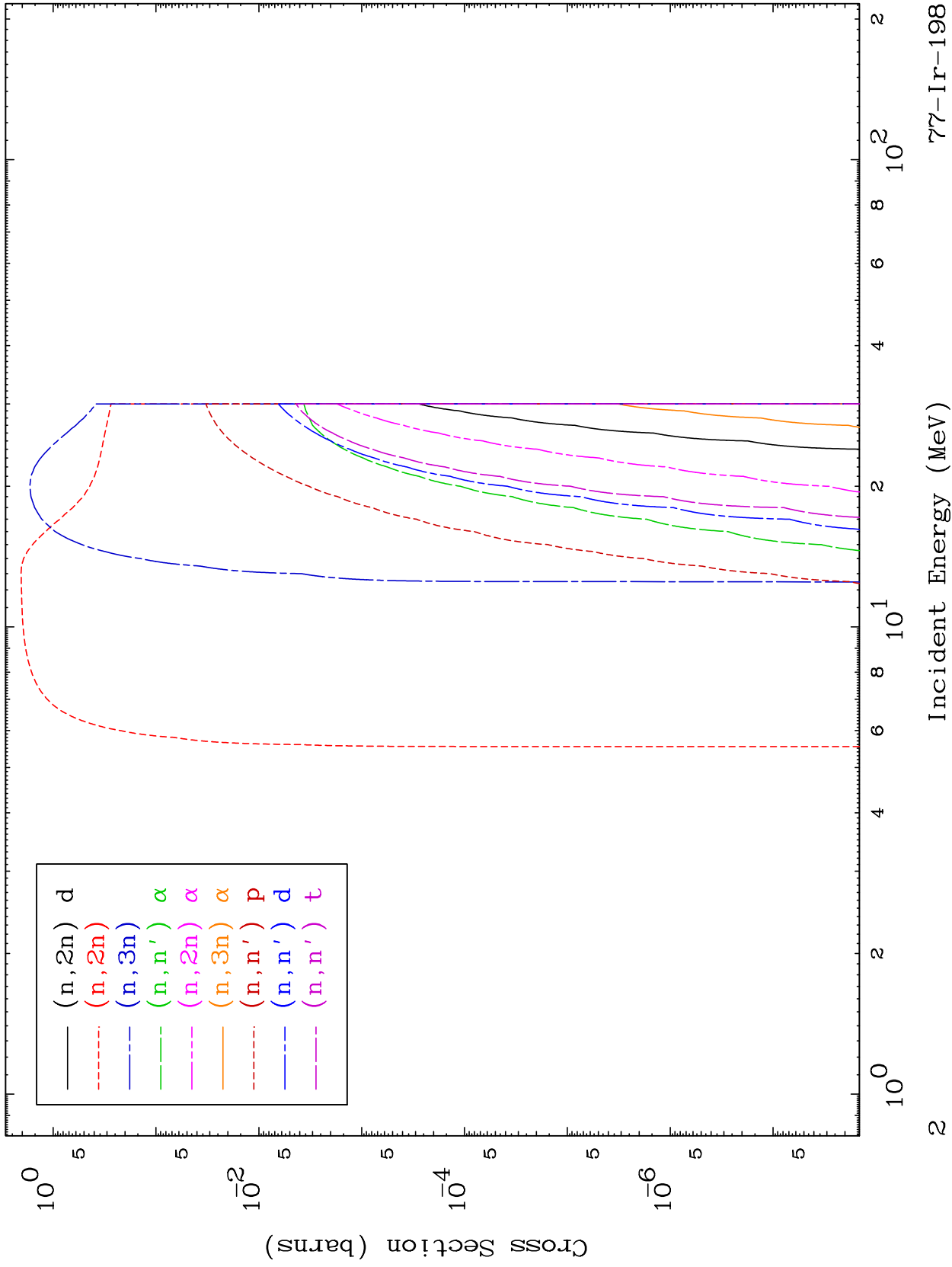
77-Ir-198



MAT 7746

Neutron Absorption
293 Kelvin Cross Sections

77-Ir-198



77-Ir-198

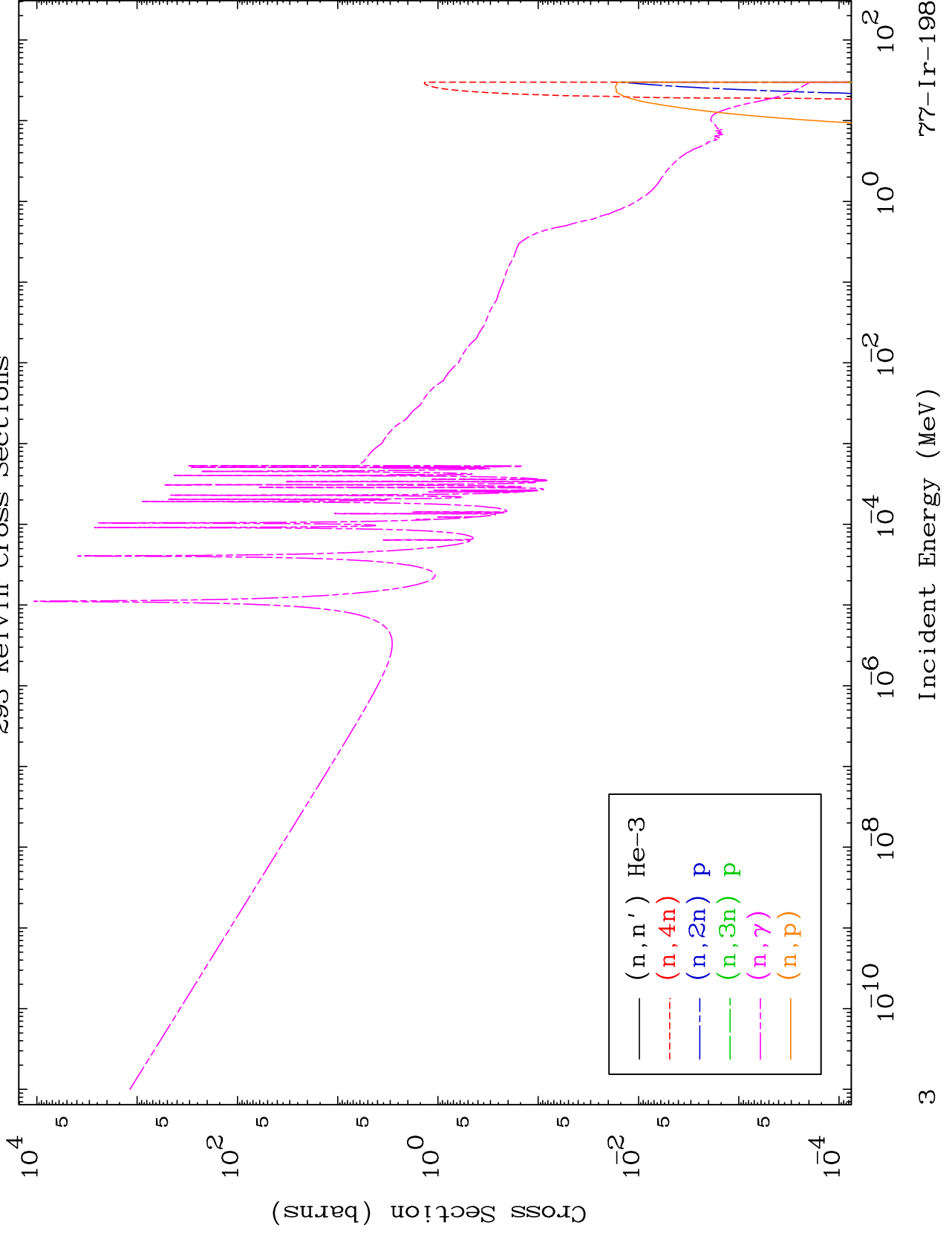
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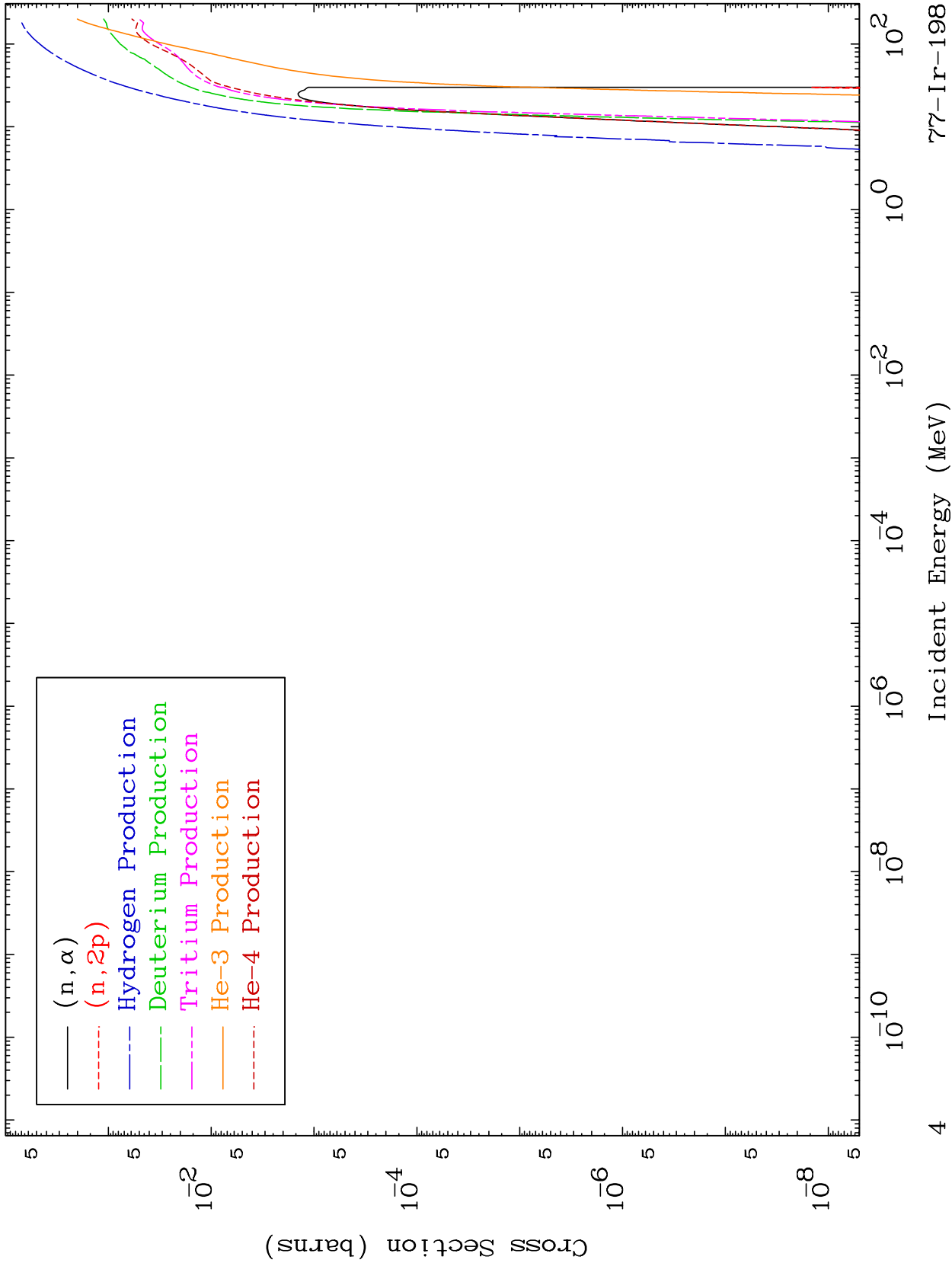
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MAT 7746

Neutron Absorption
293 Kelvin Cross Sections

77-Ir-198

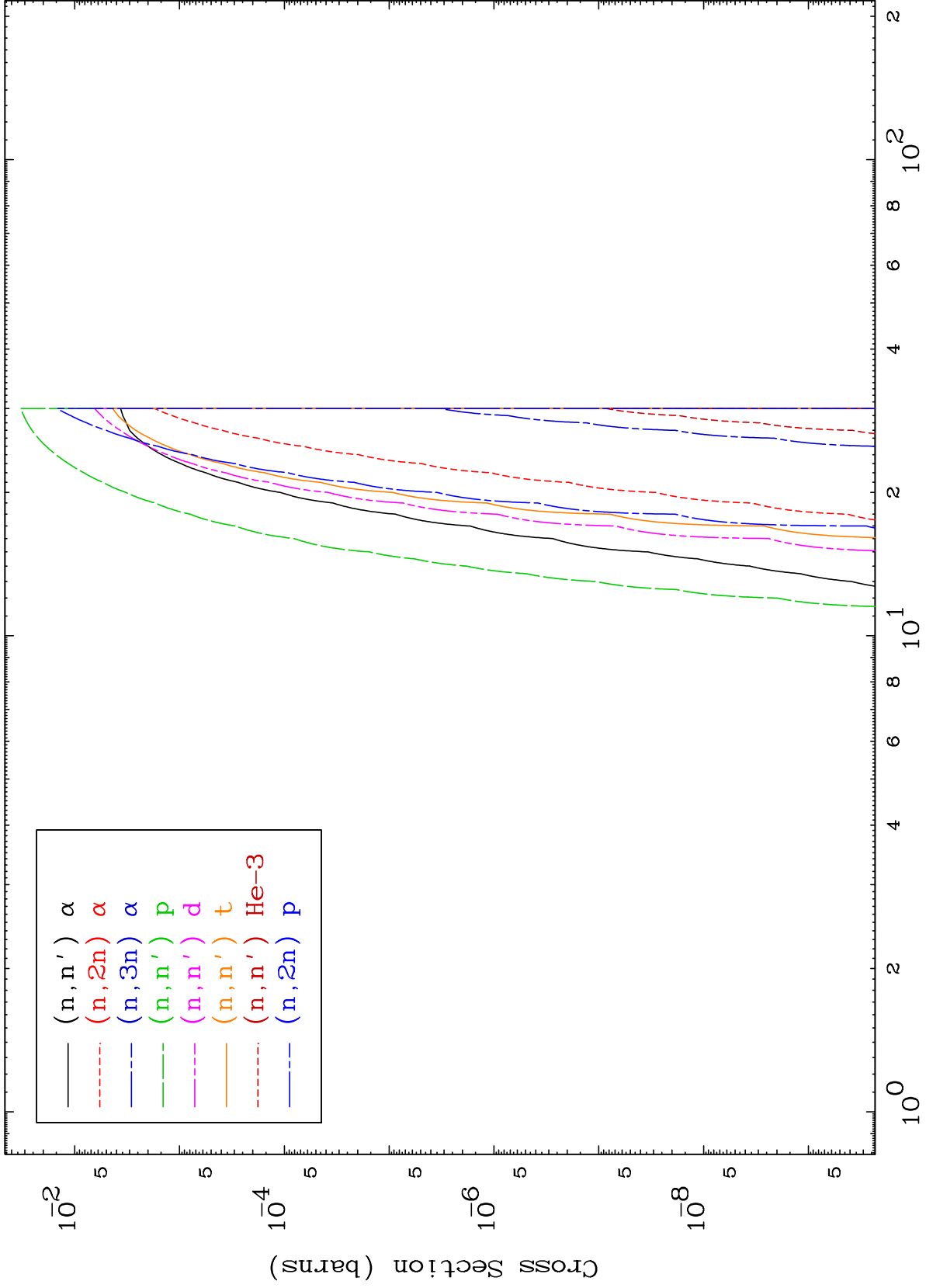




MAT 7746

Charged Particle
293 Kelvin Cross Sections

77-Ir-198



5

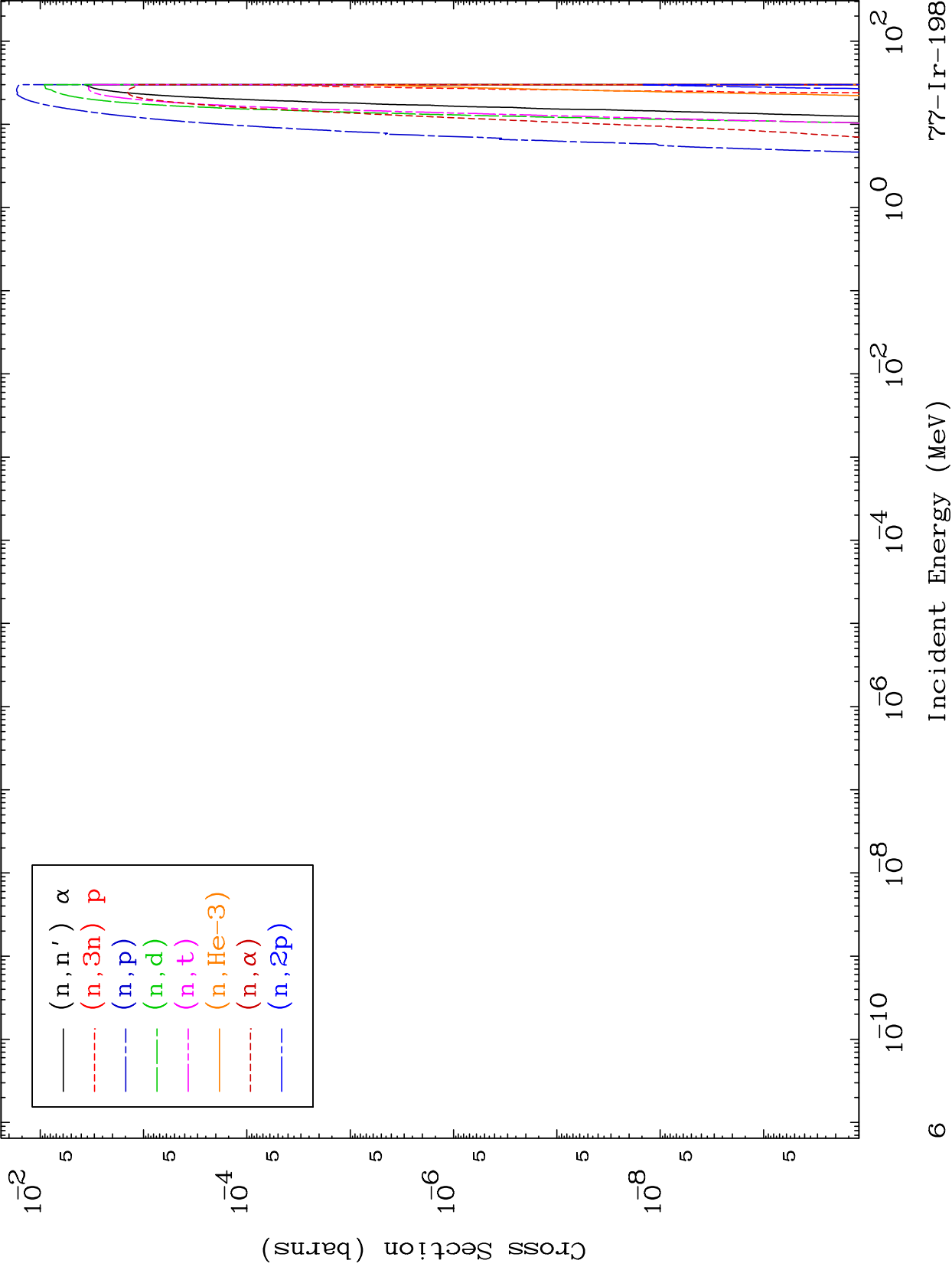
Incident Energy (MeV)

77-Ir-198

MAT 7746

Charged Particle
293 Kelvin Cross Sections

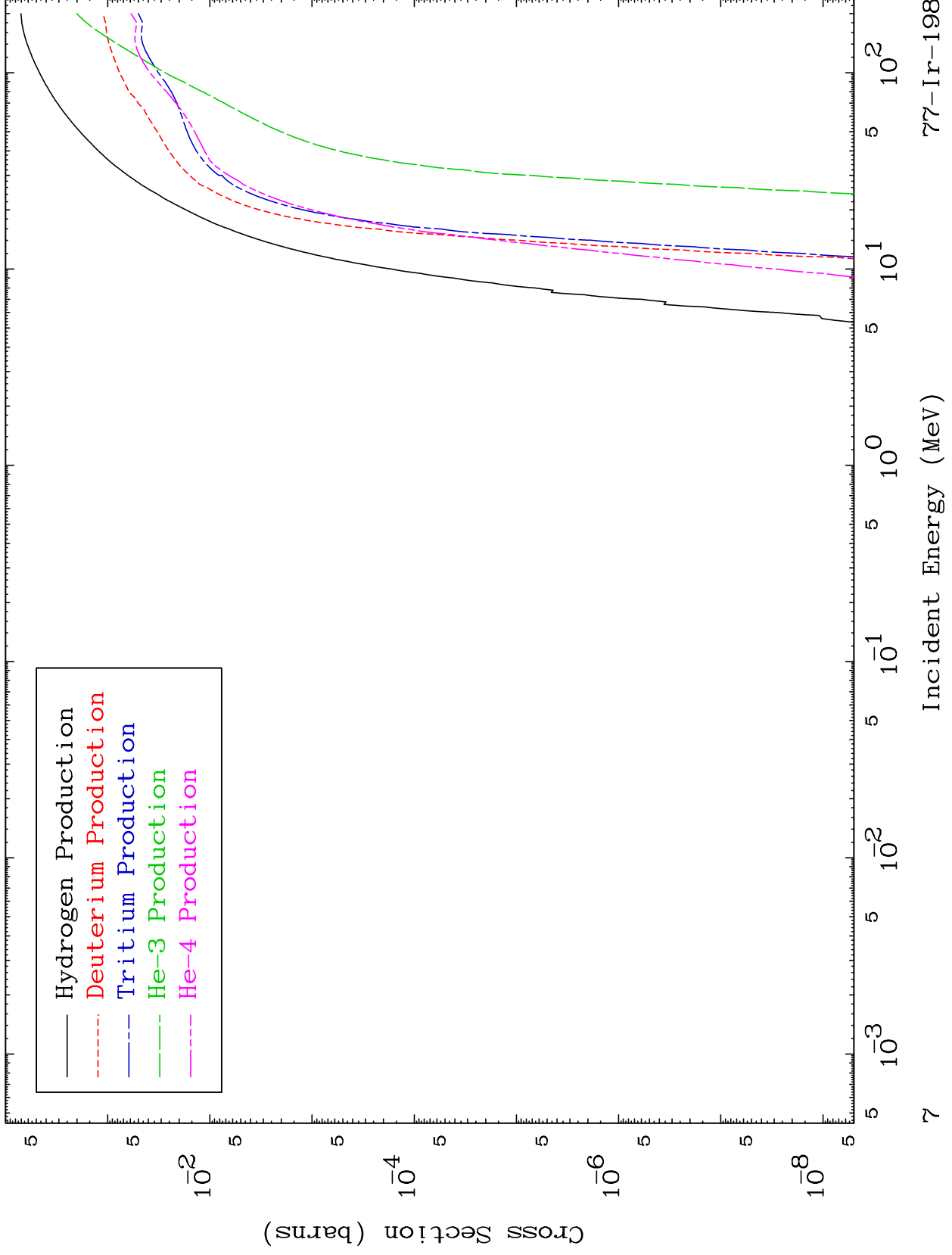
77-Ir-198



MAT 7746

Particle Production
293 Kelvin Cross Sections

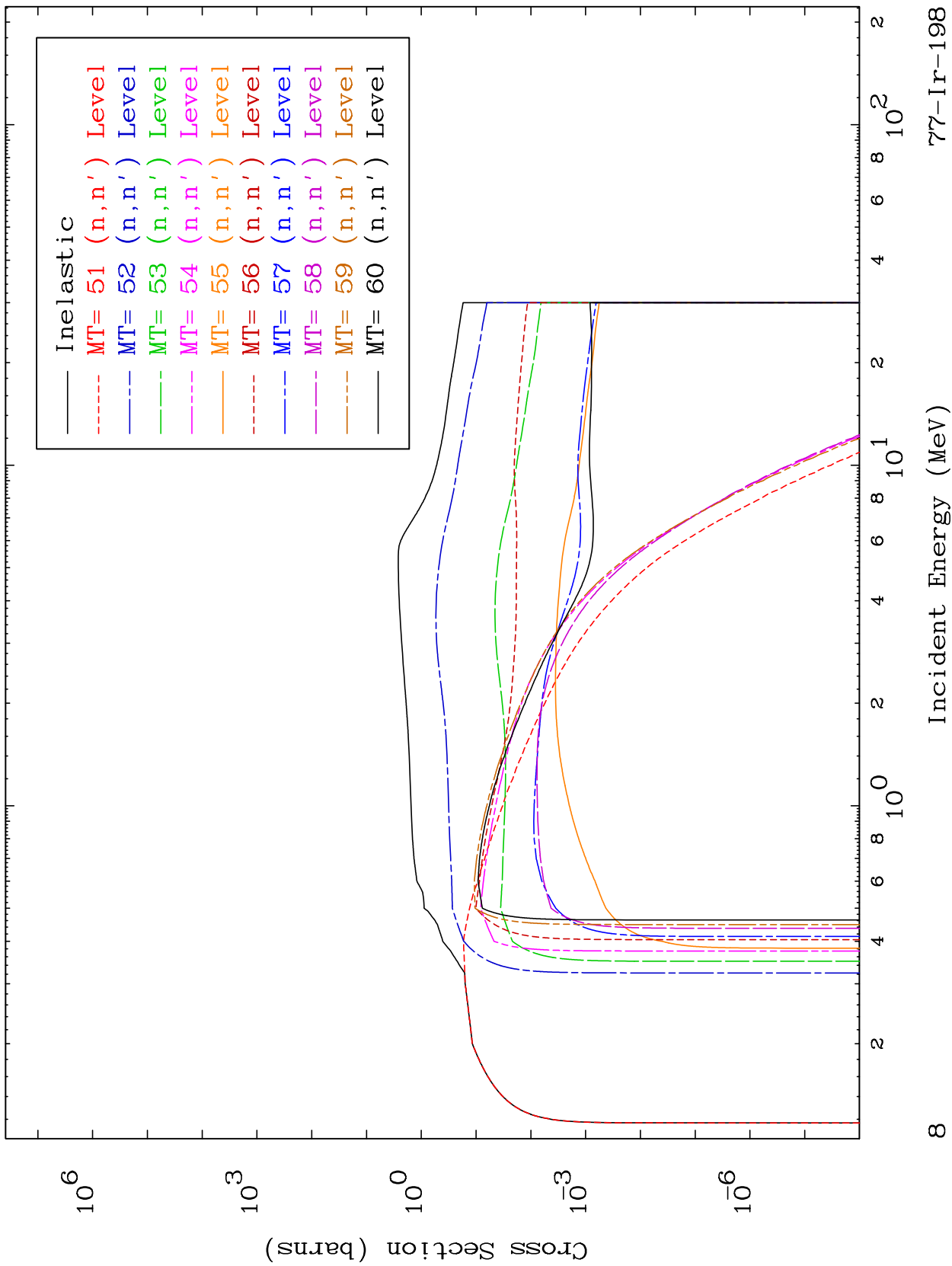
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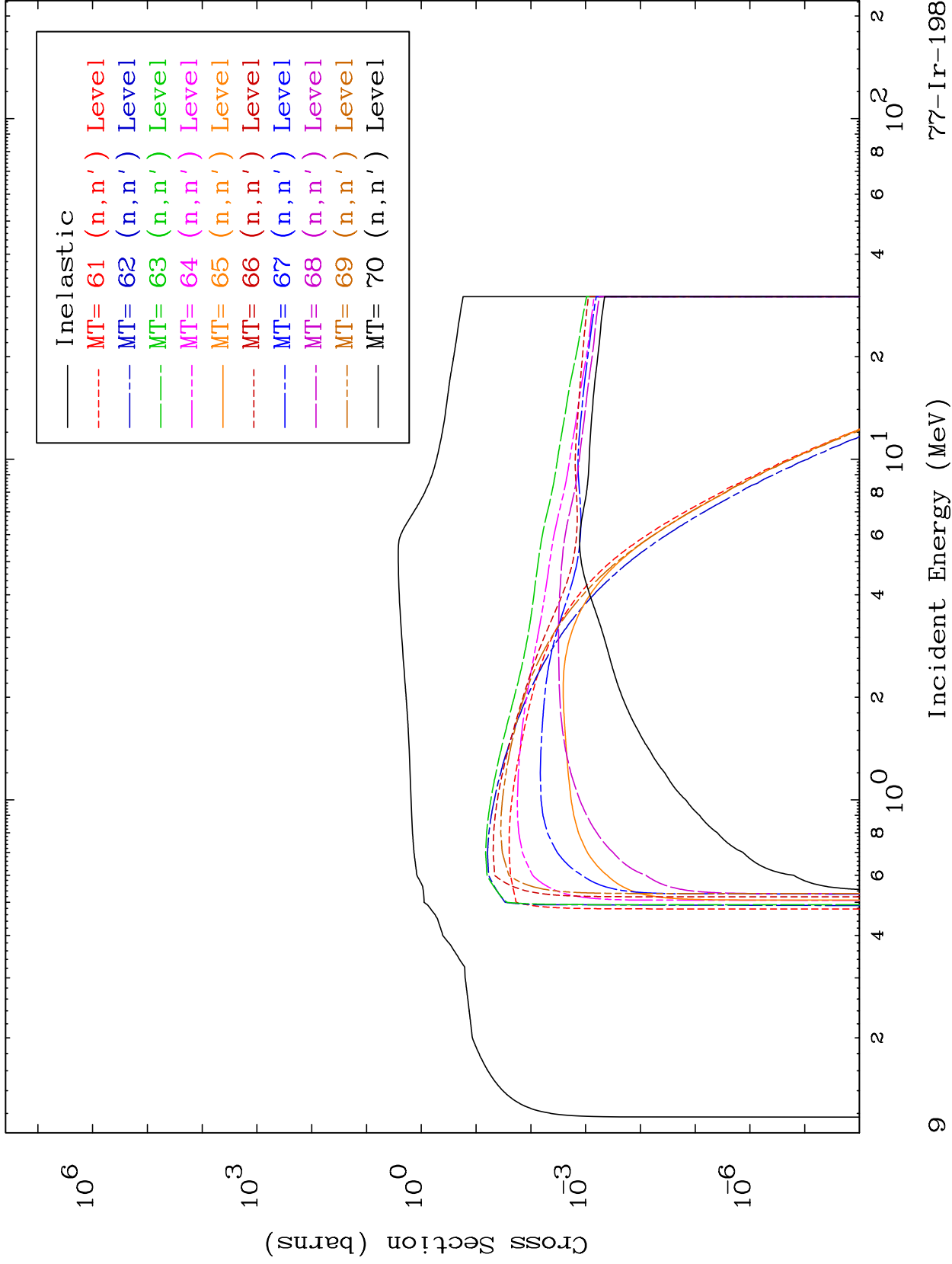


77-Ir-198

Incident Energy (MeV)

7



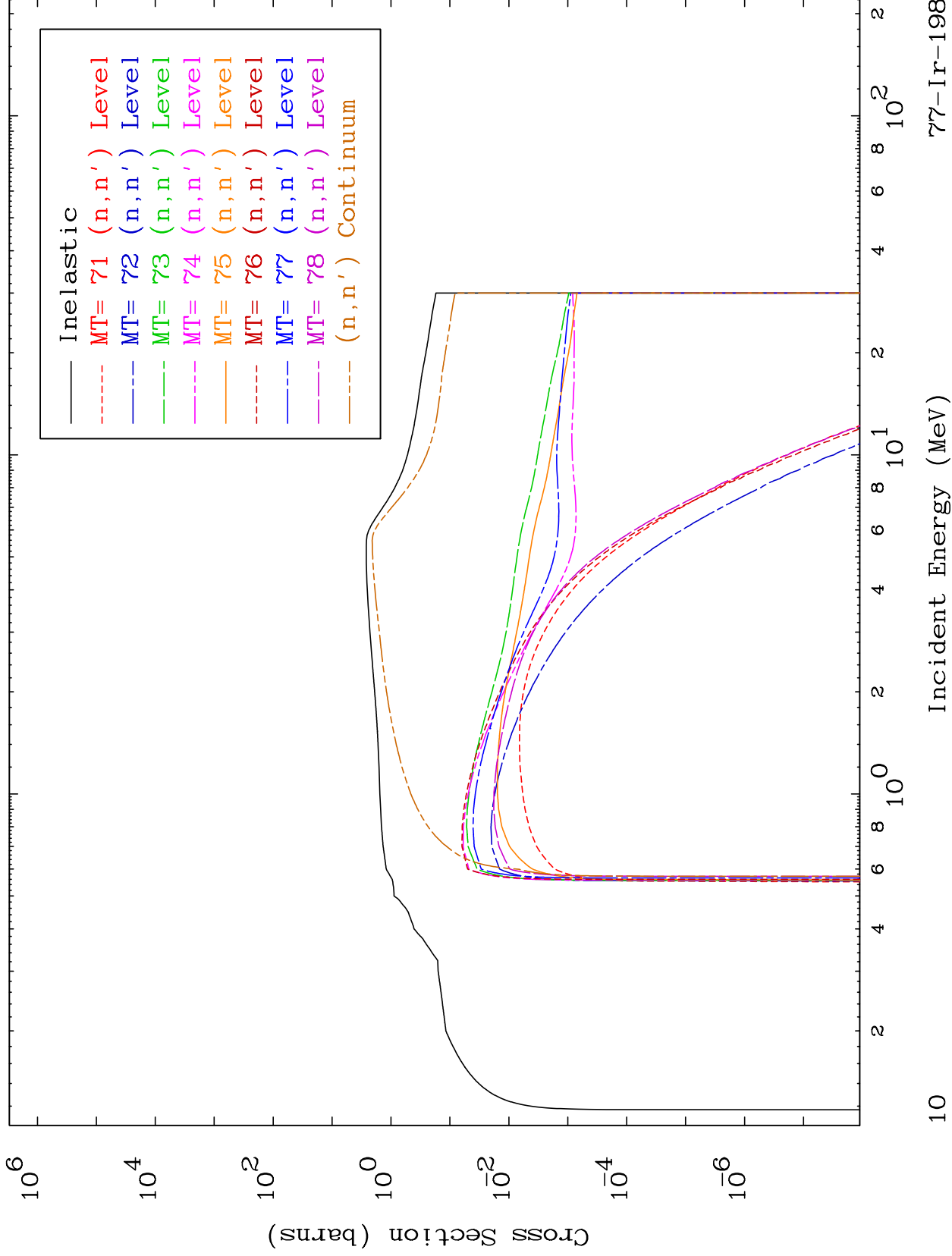


MAT 7746

(n,n') Levels

77-Ir-198

293 Kelvin Cross Sections



10

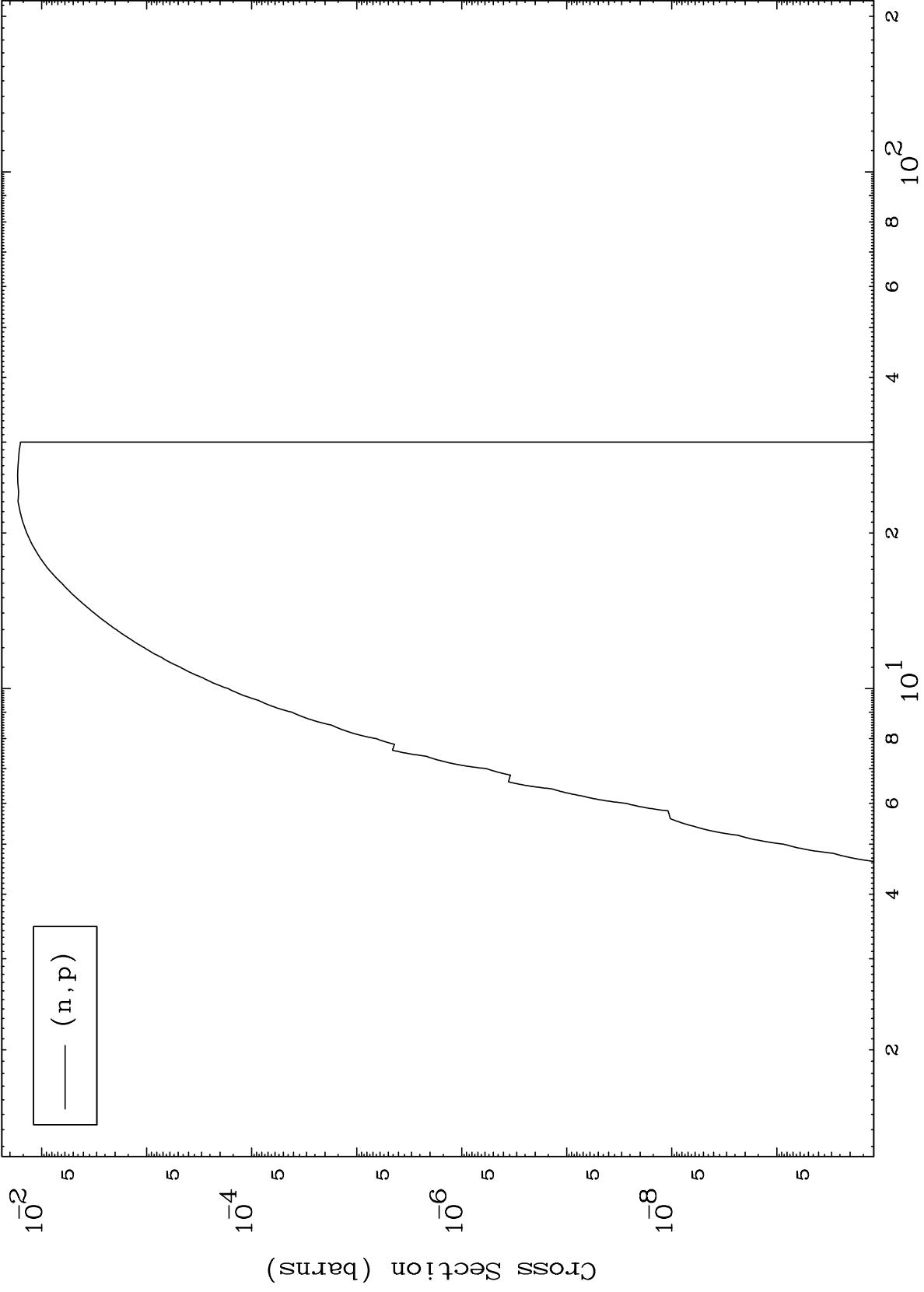
Incident Energy (MeV)

77-Ir-198

MAT 7746

(n,p) Levels
293 Kelvin Cross Sections

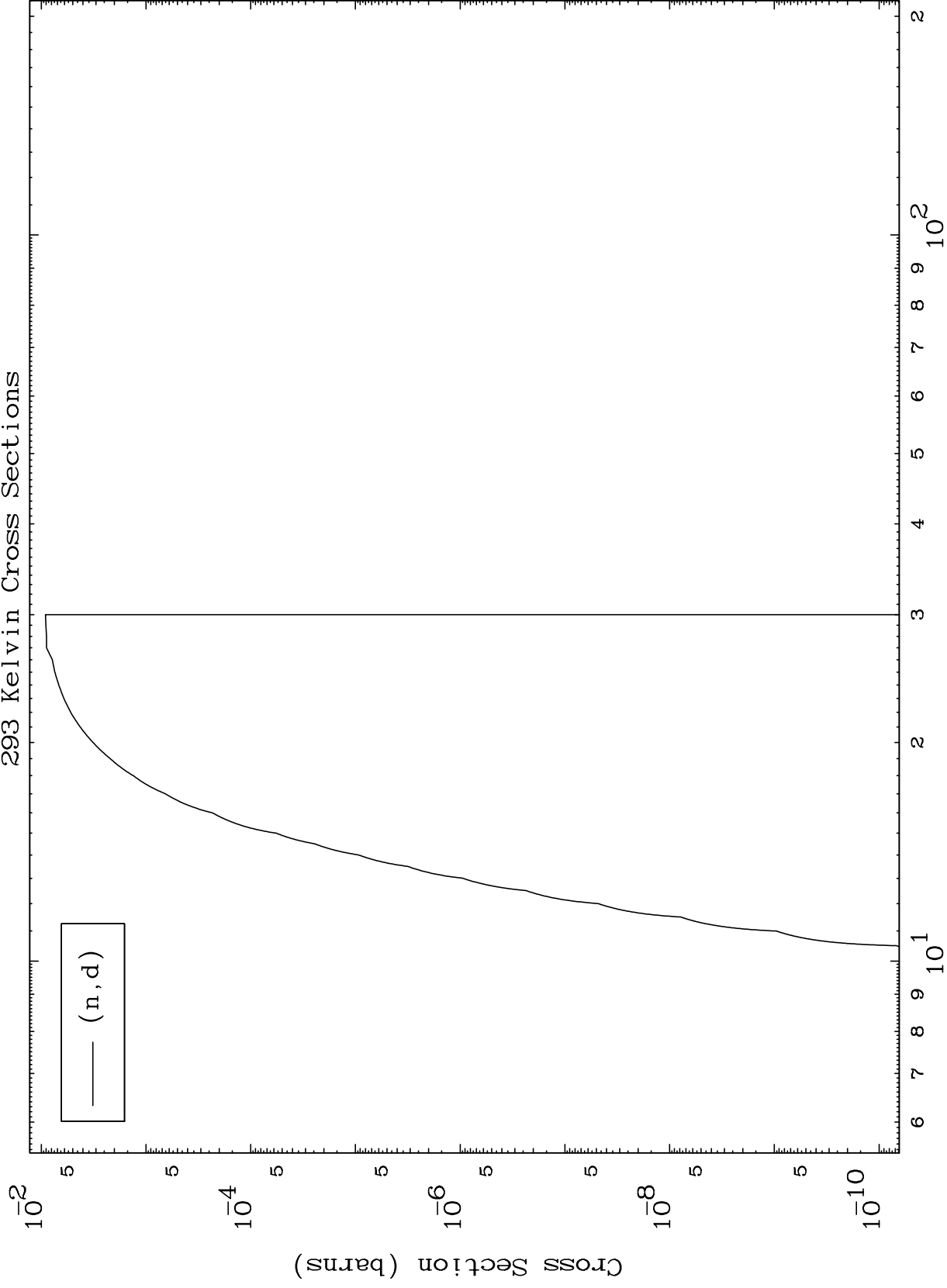
77-Ir-198



MAT 7746

(n,d) Levels
293 Kelvin Cross Sections

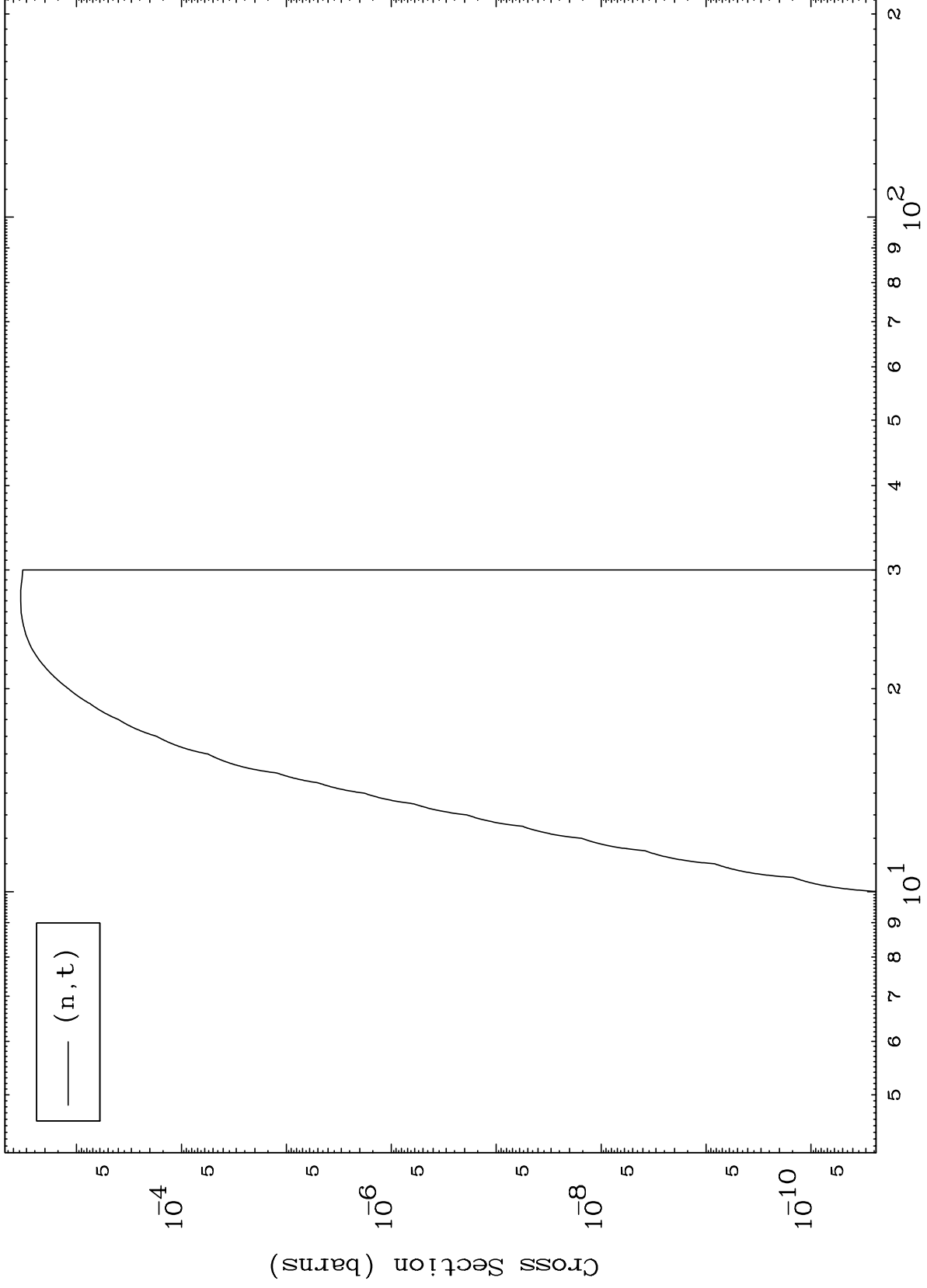
77-Ir-198



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Incident Energy (MeV)

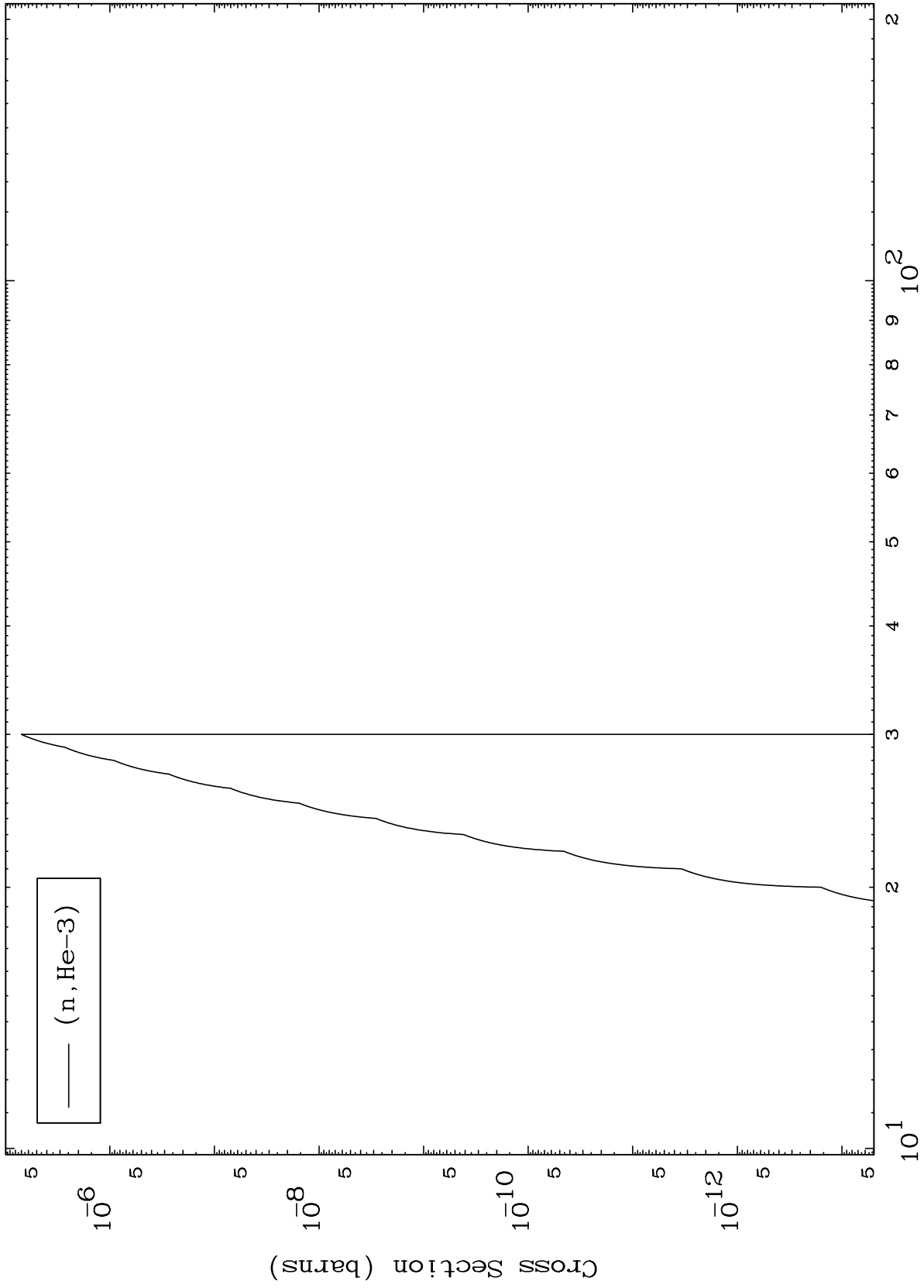
77-Ir-198



MAT 7746

(n,He3) Levels
293 Kelvin Cross Sections

77-Ir-198



14

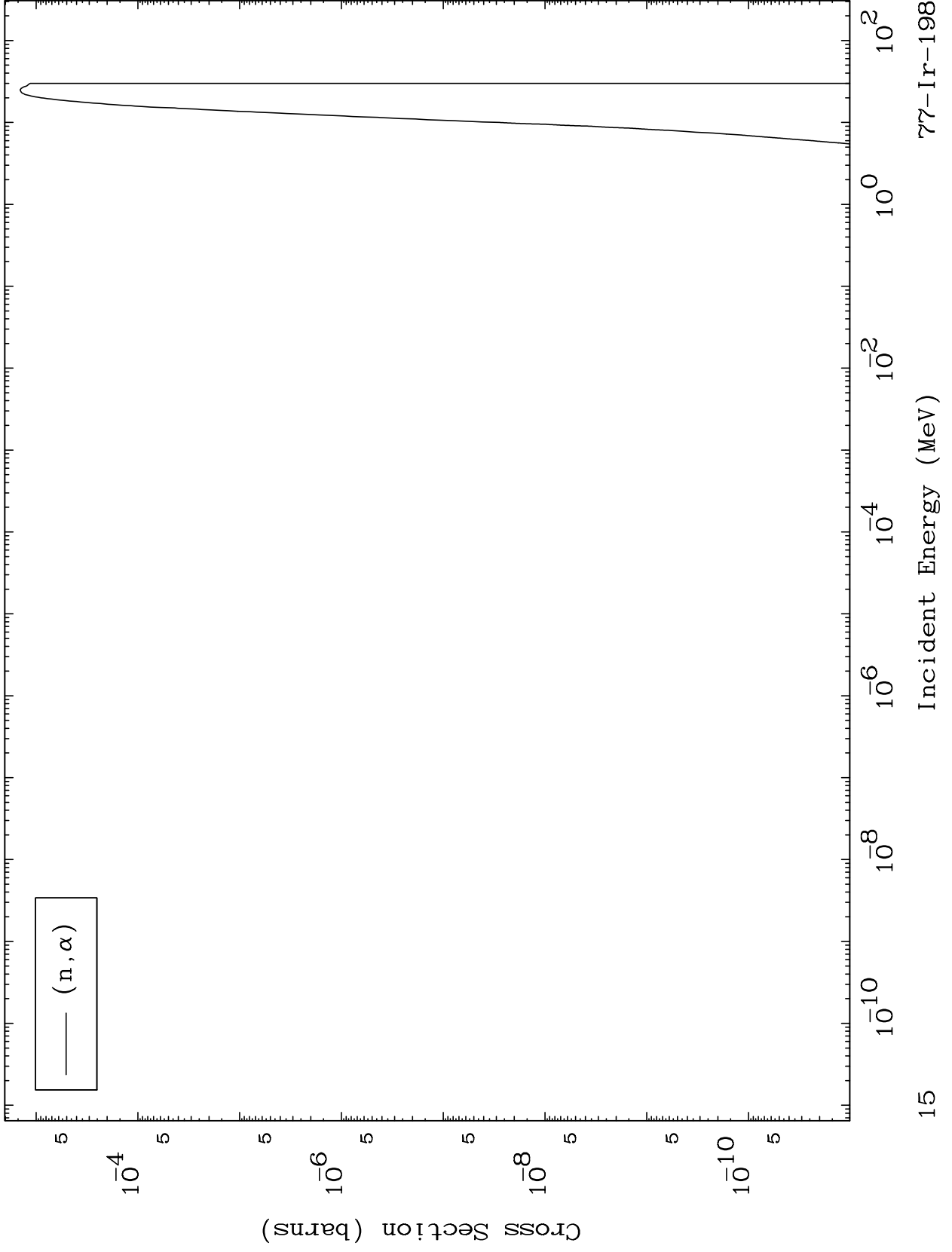
Incident Energy (MeV)

77-Ir-198

MAT 7746

(n, α) Levels
293 Kelvin Cross Sections

77-Ir-198



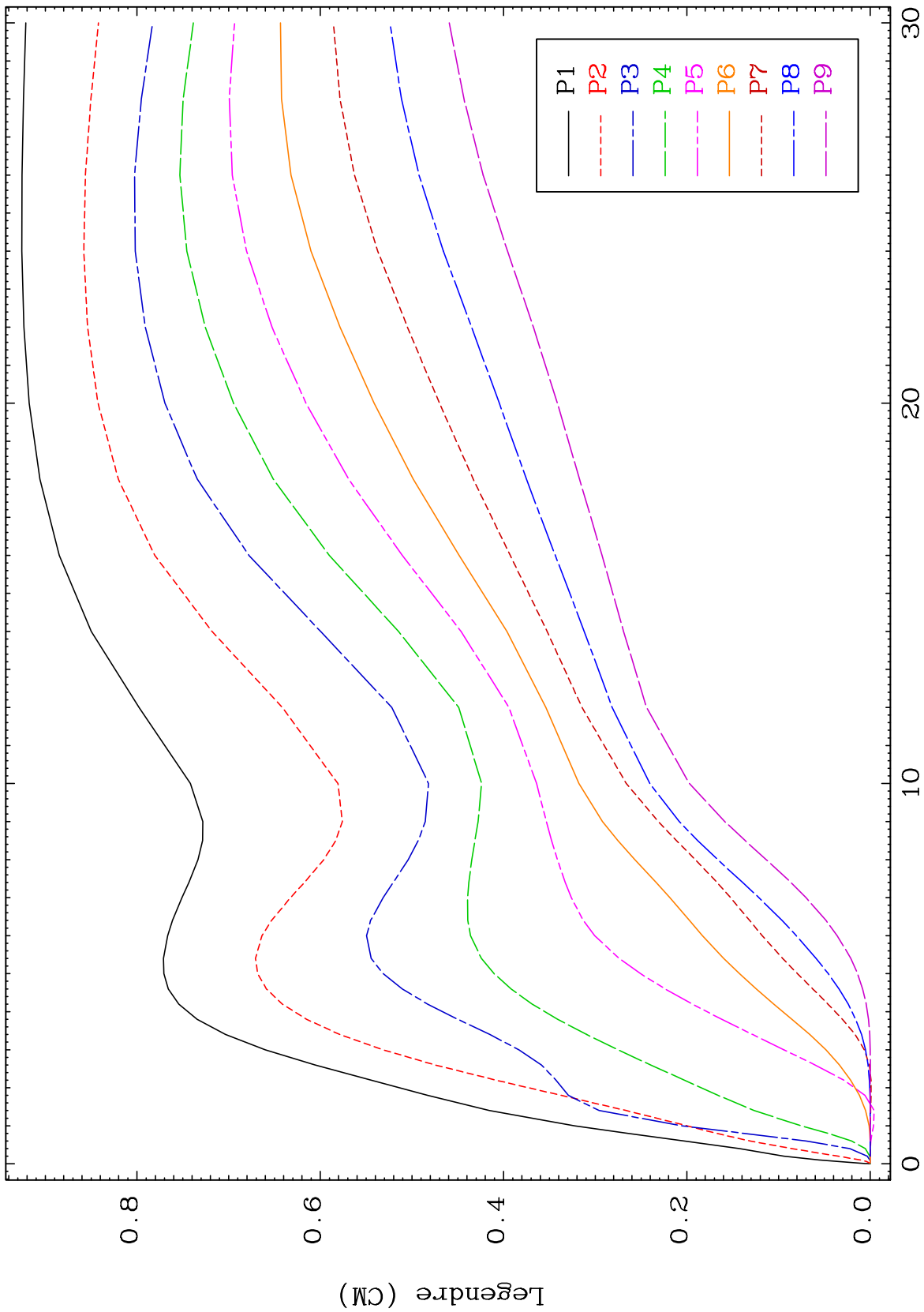
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77-Ir-198

MAT 7746

77-Ir-198

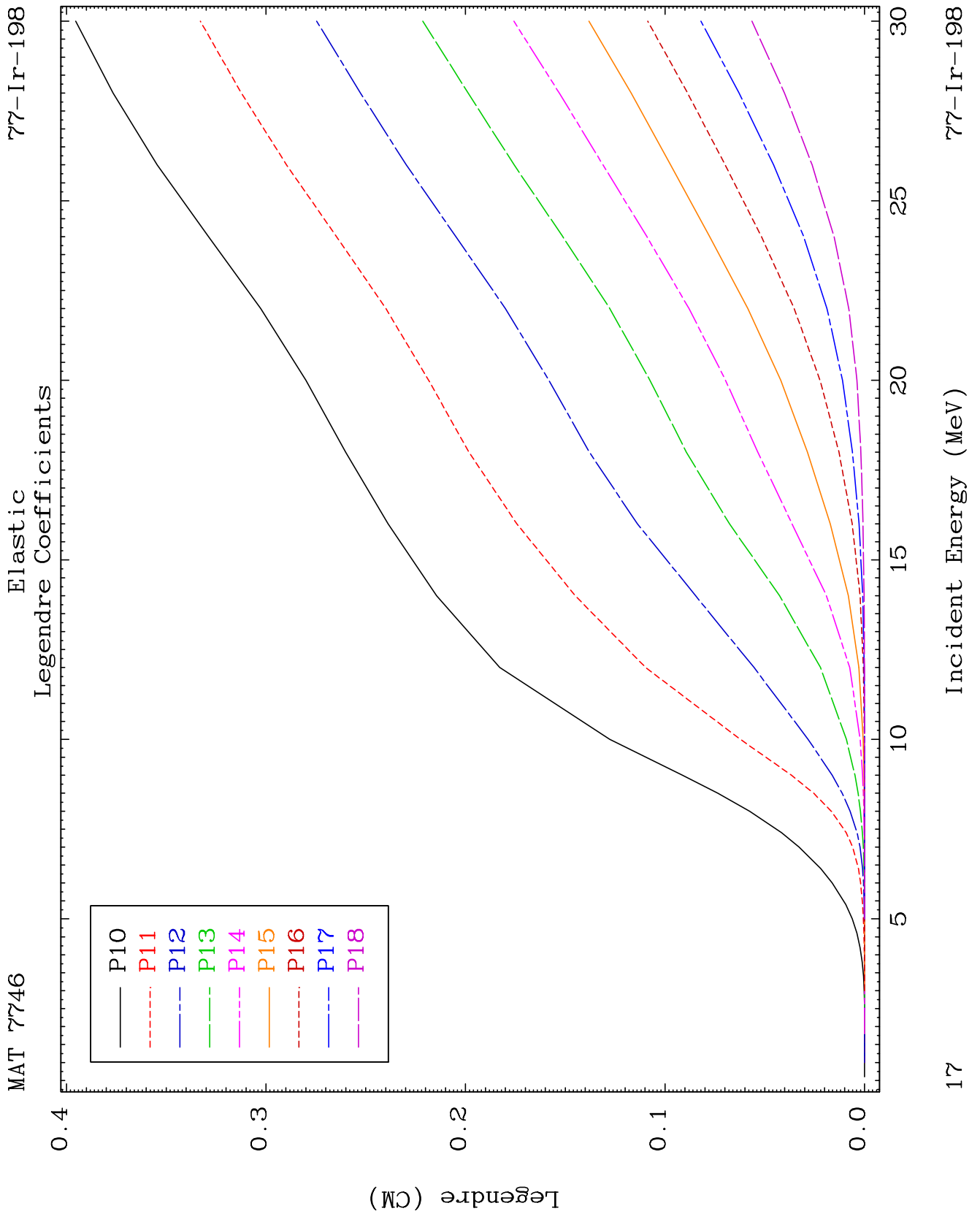
Elastic Legendre Coefficients



77-Ir-198

Incident Energy (MeV)

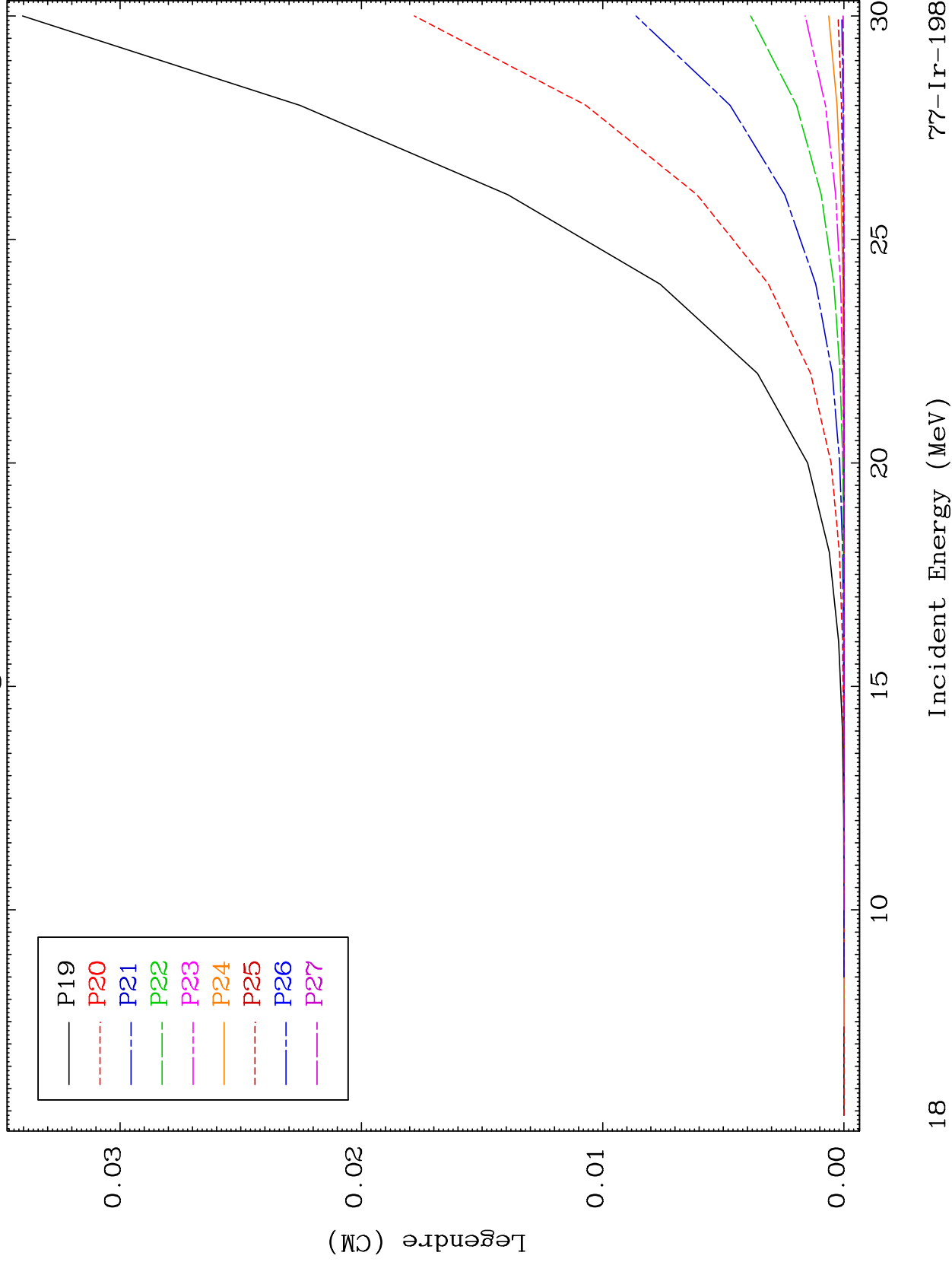
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MAT 7746

Elastic Legendre Coefficients

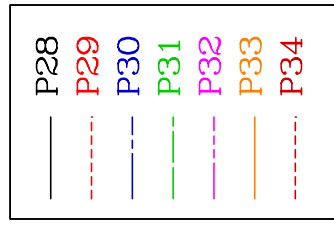
77-Ir-198



MAT 7746

Elastic Legendre Coefficients

77-Ir-198



$\times 10^{-5}$
1.0
0.8
0.6
0.4
0.2
0.0

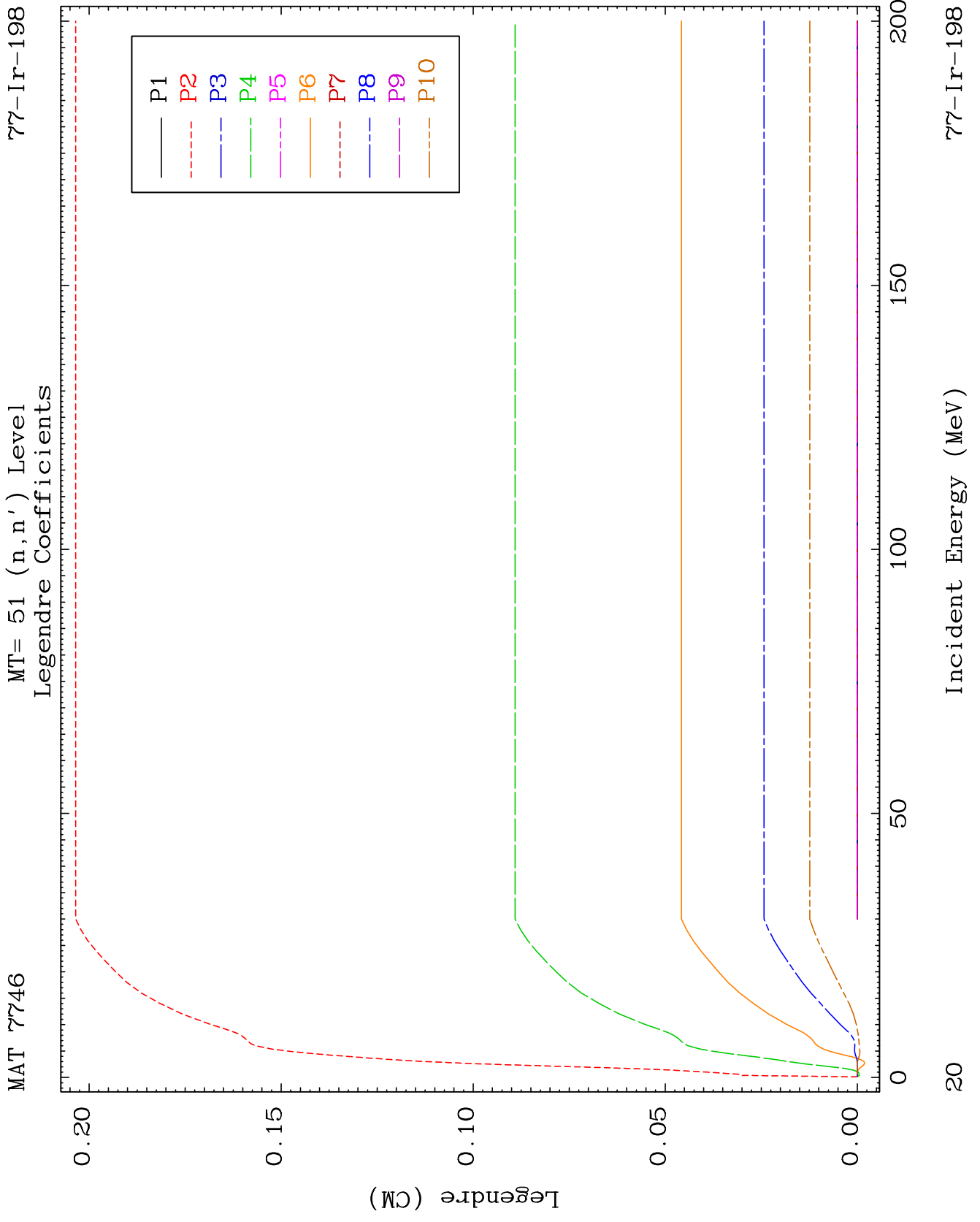
Legendre (CM)

10 15 20 25 30

19

Incident Energy (MeV)

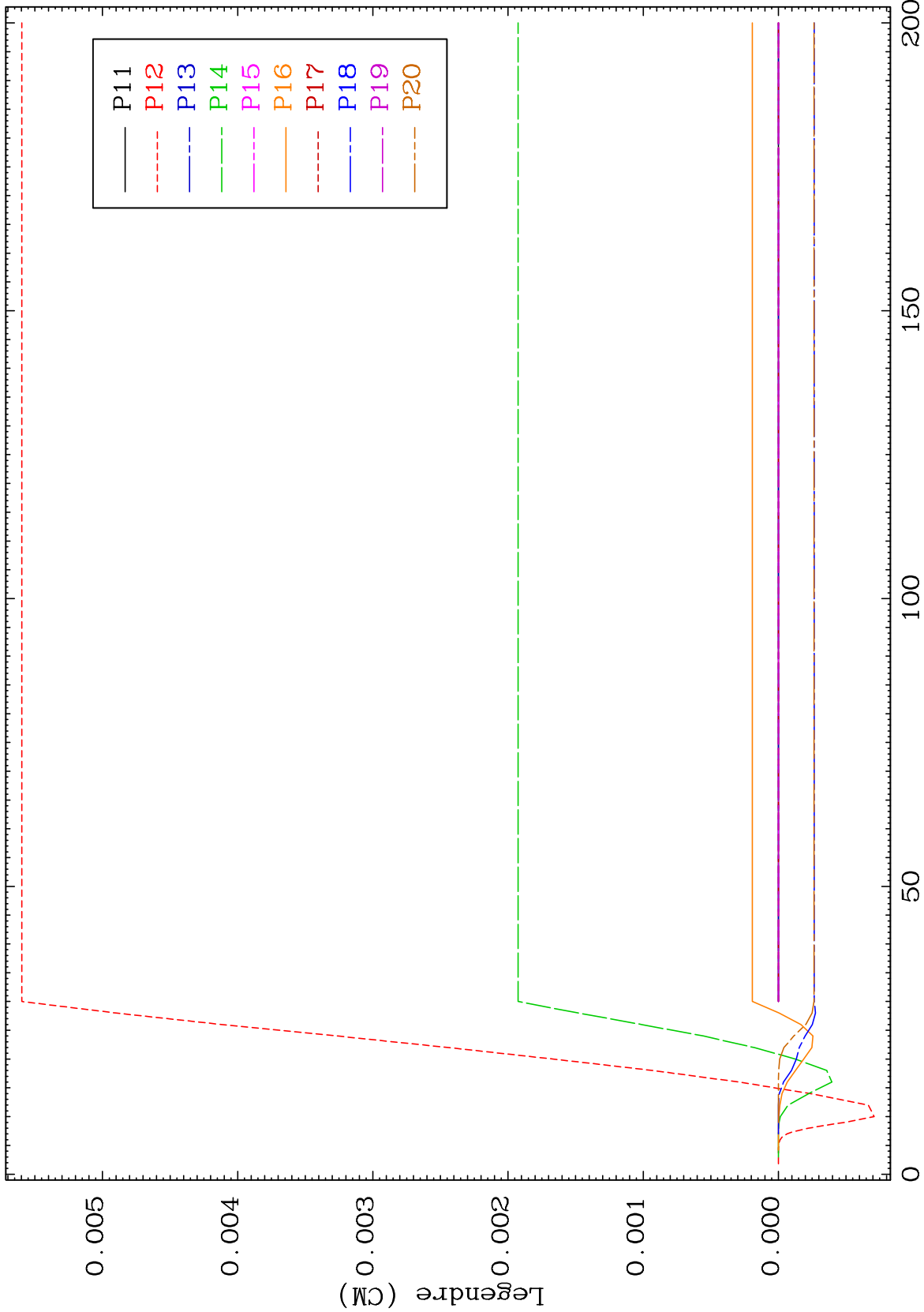
77-Ir-198



MAT 7746

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

77-Ir-198



77-Ir-198

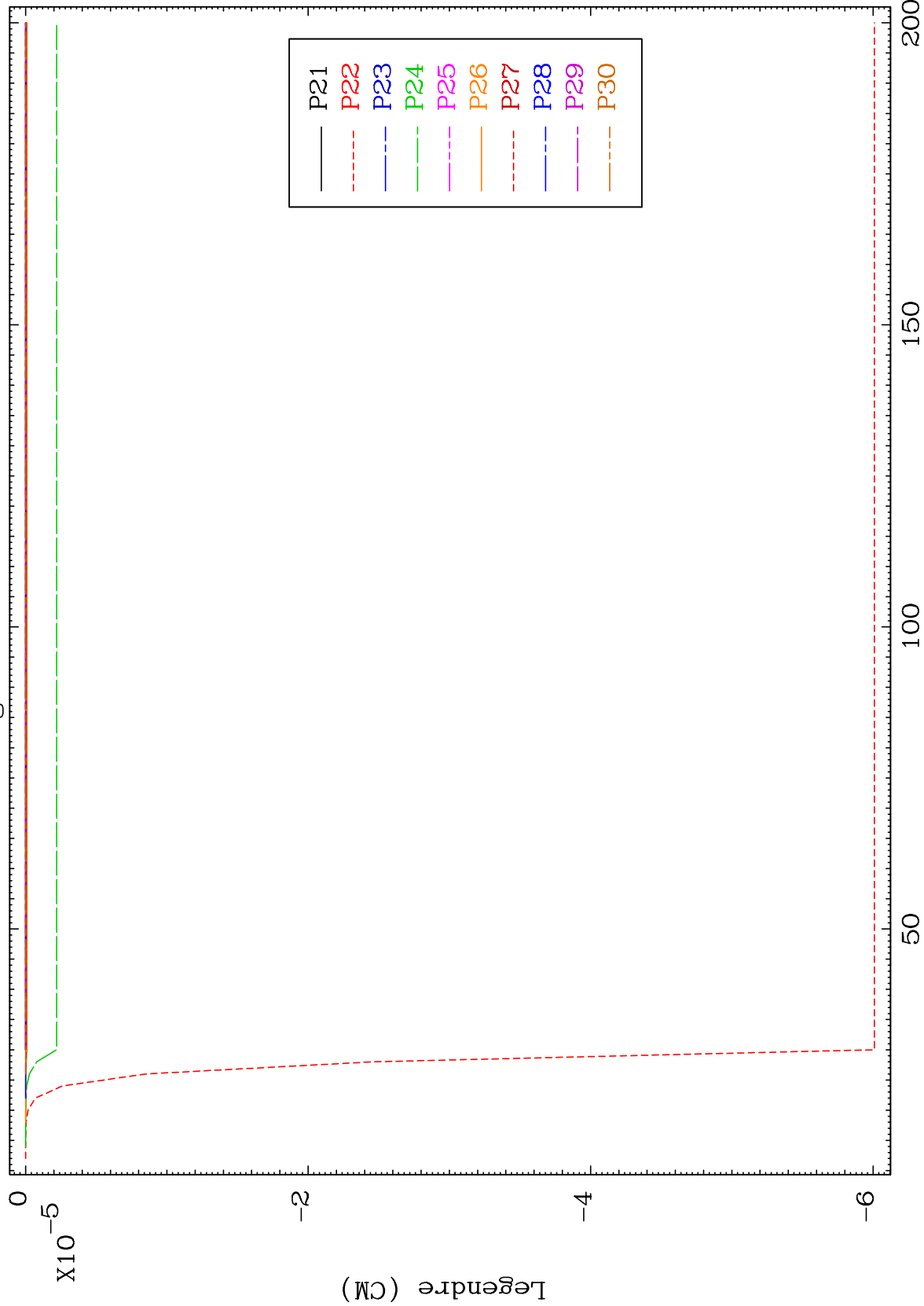
Incident Energy (MeV)

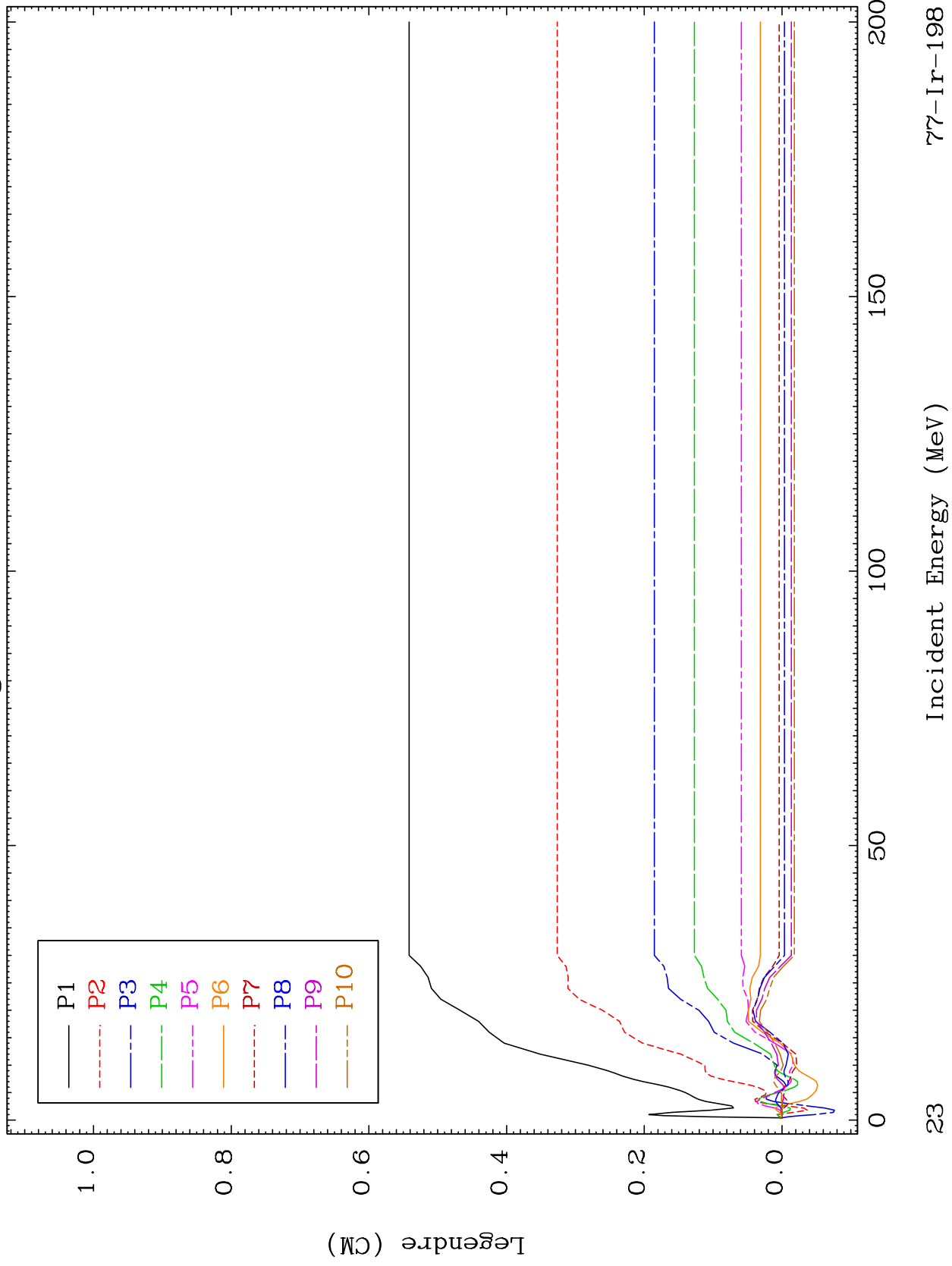
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MAT 7746

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

77-Ir-198

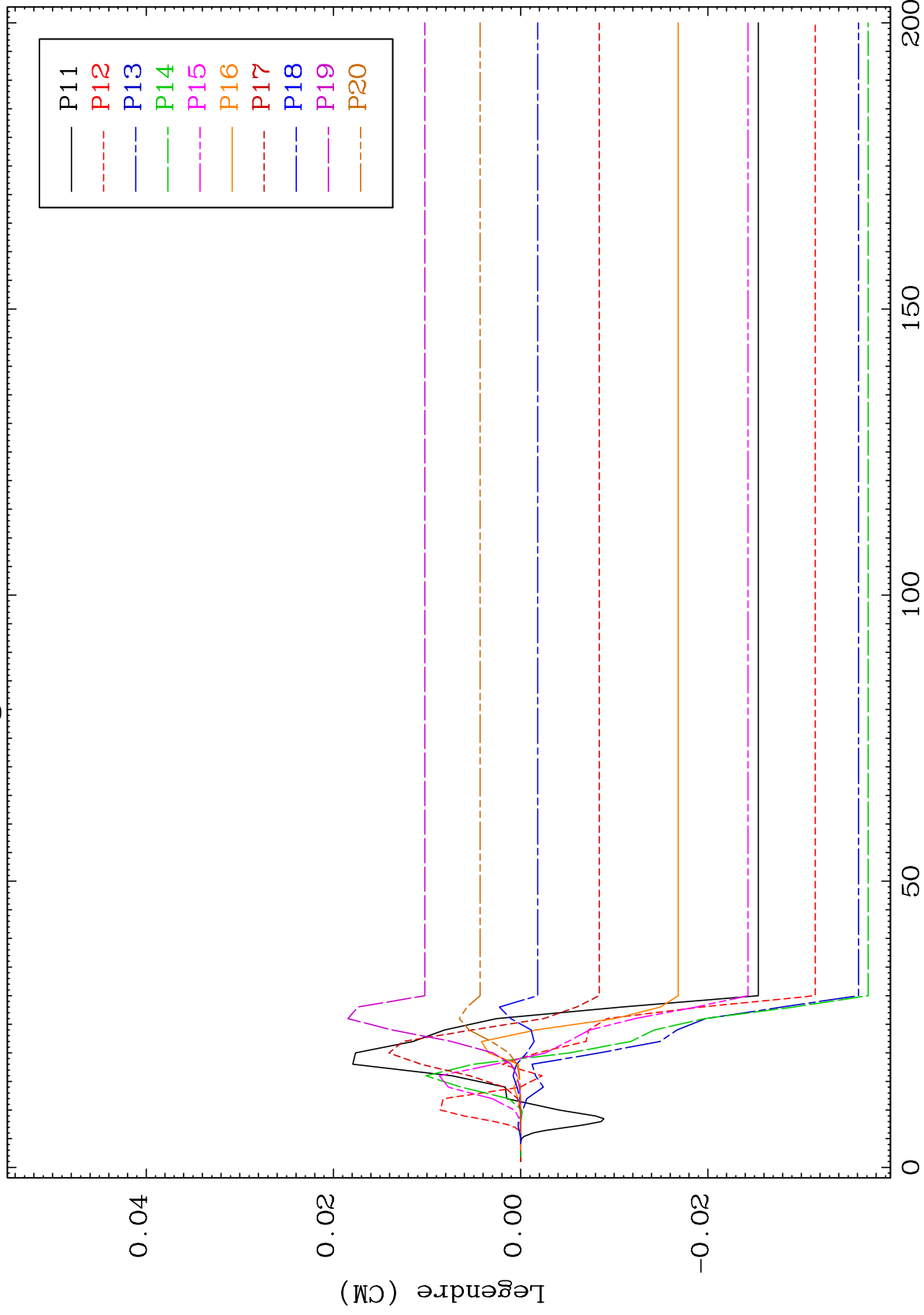




MAT 7746

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

77-Ir-198



24

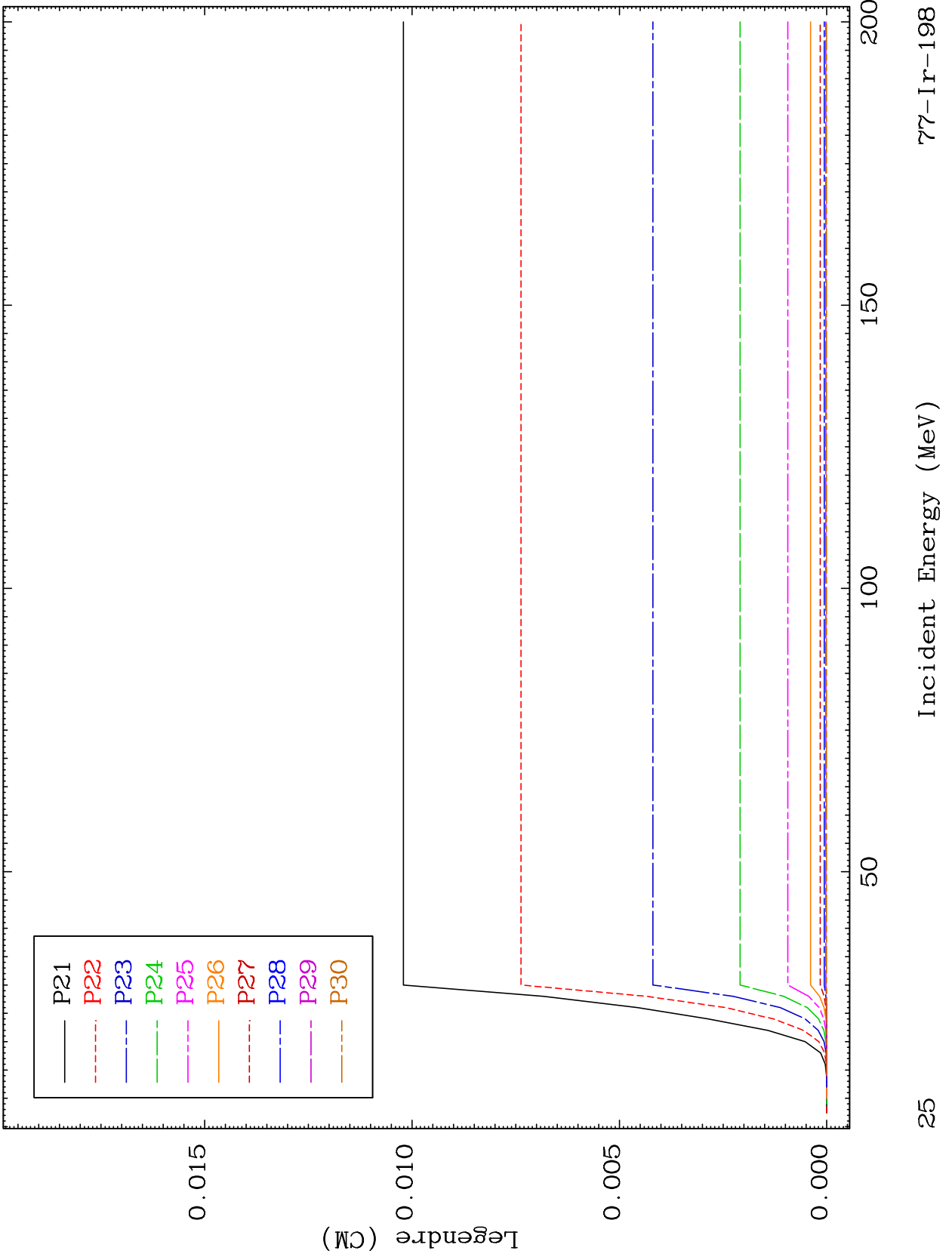
Incident Energy (MeV)

77-Ir-198

MAT 7746

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

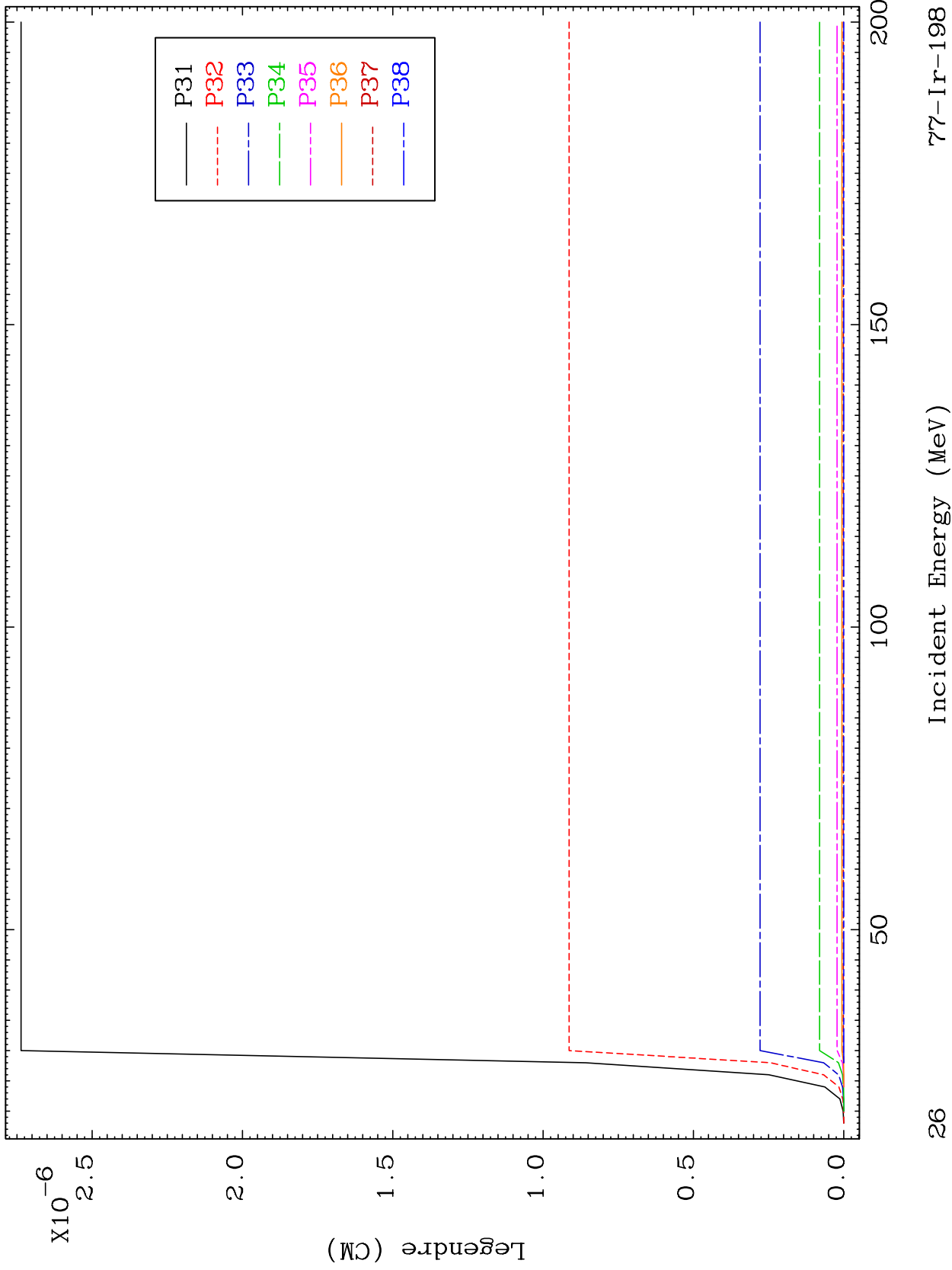
77-Ir-198



25

Incident Energy (MeV)

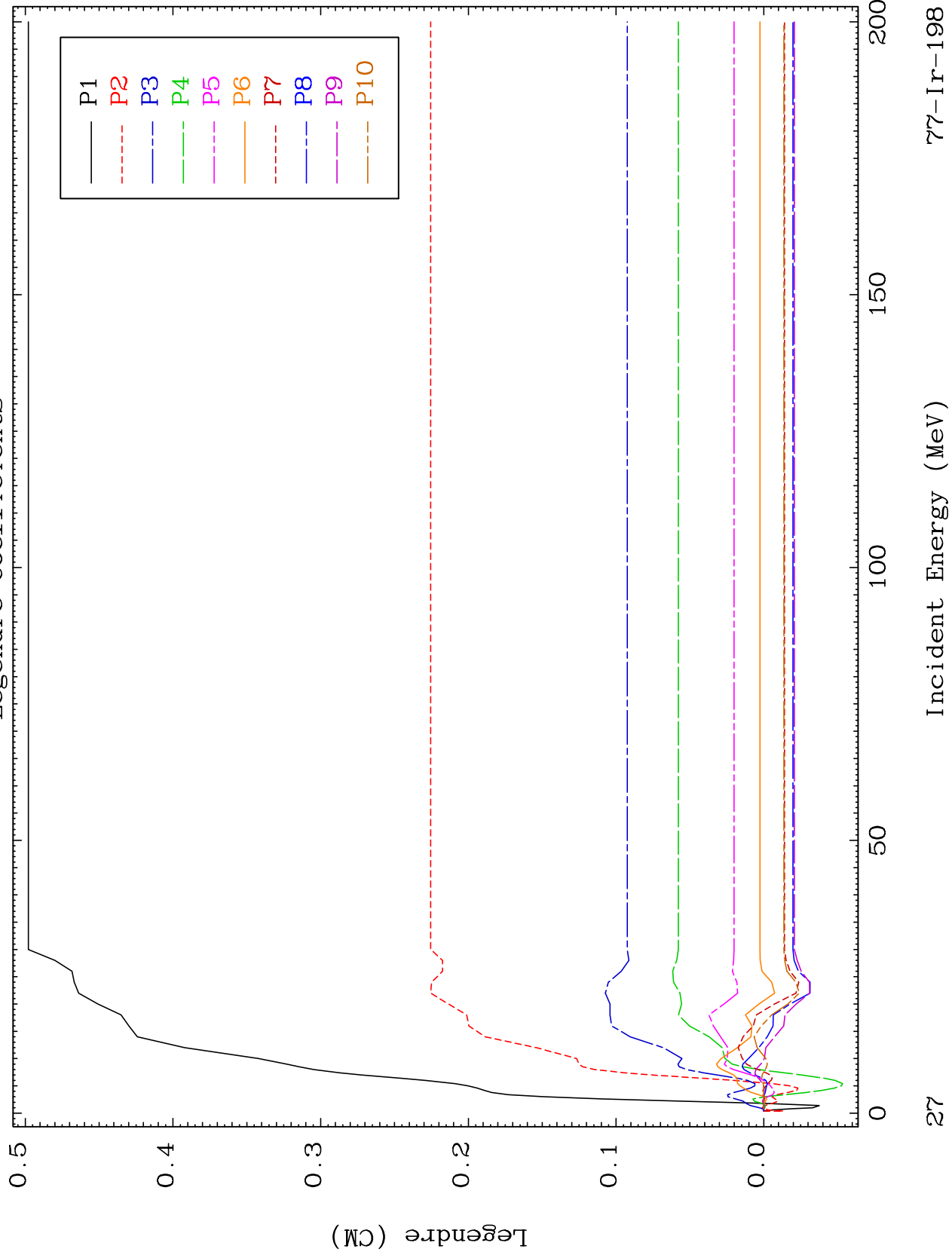
77-Ir-198



MAT 7746

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

77-Ir-198



77-Ir-198

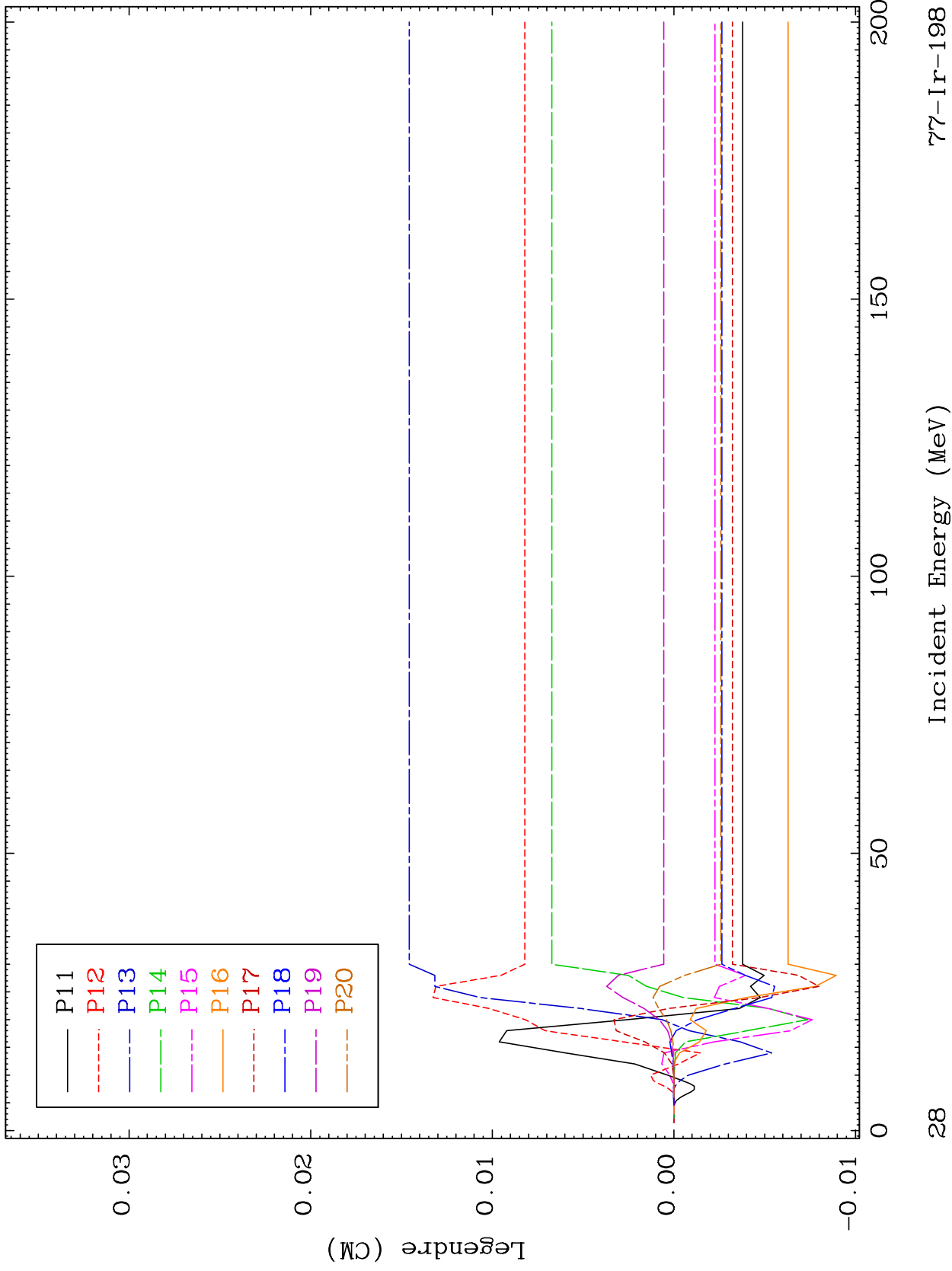
Incident Energy (MeV)

27

MAT 7746

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

77-Ir-198



28

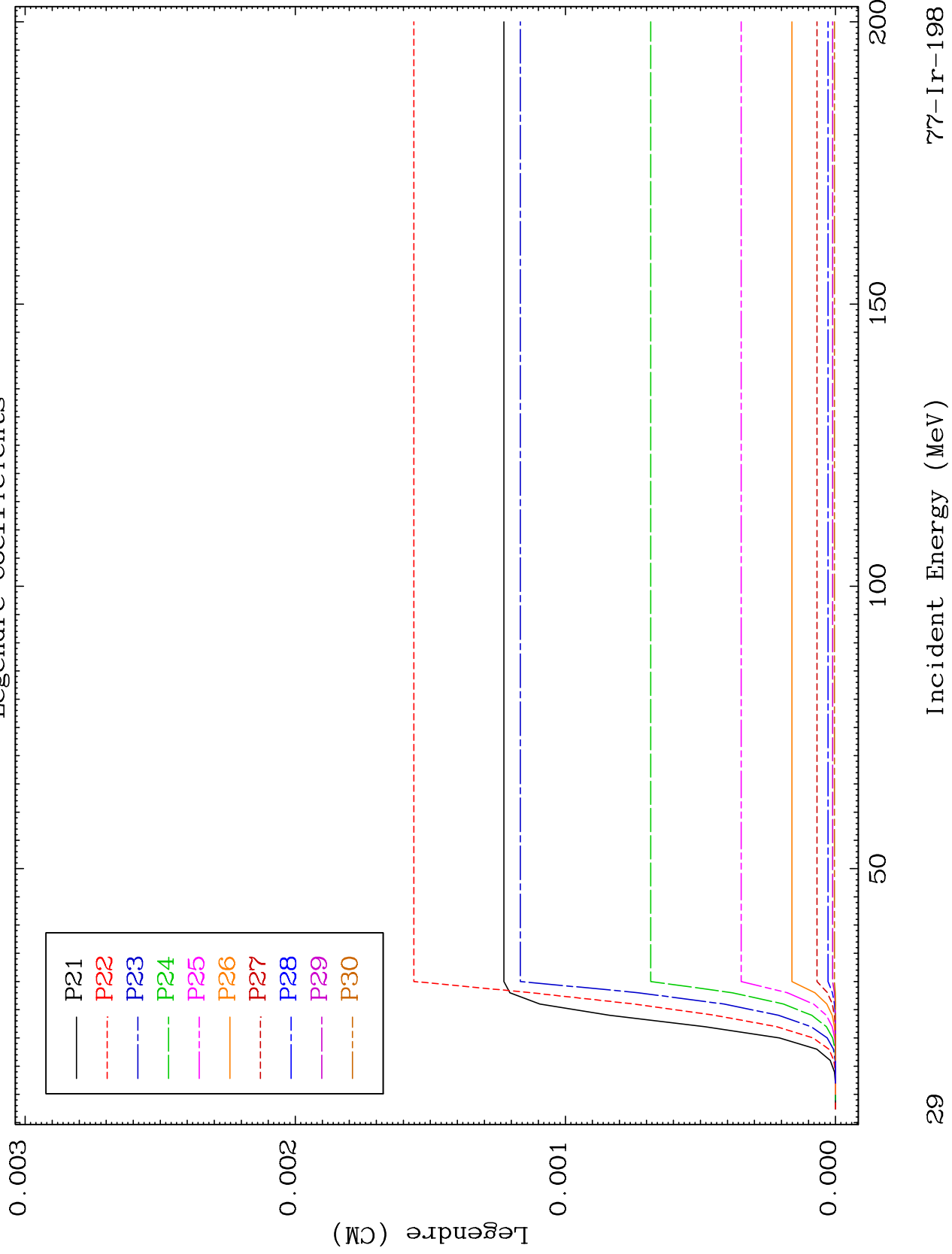
Incident Energy (MeV)

77-Ir-198

MAT 7746

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

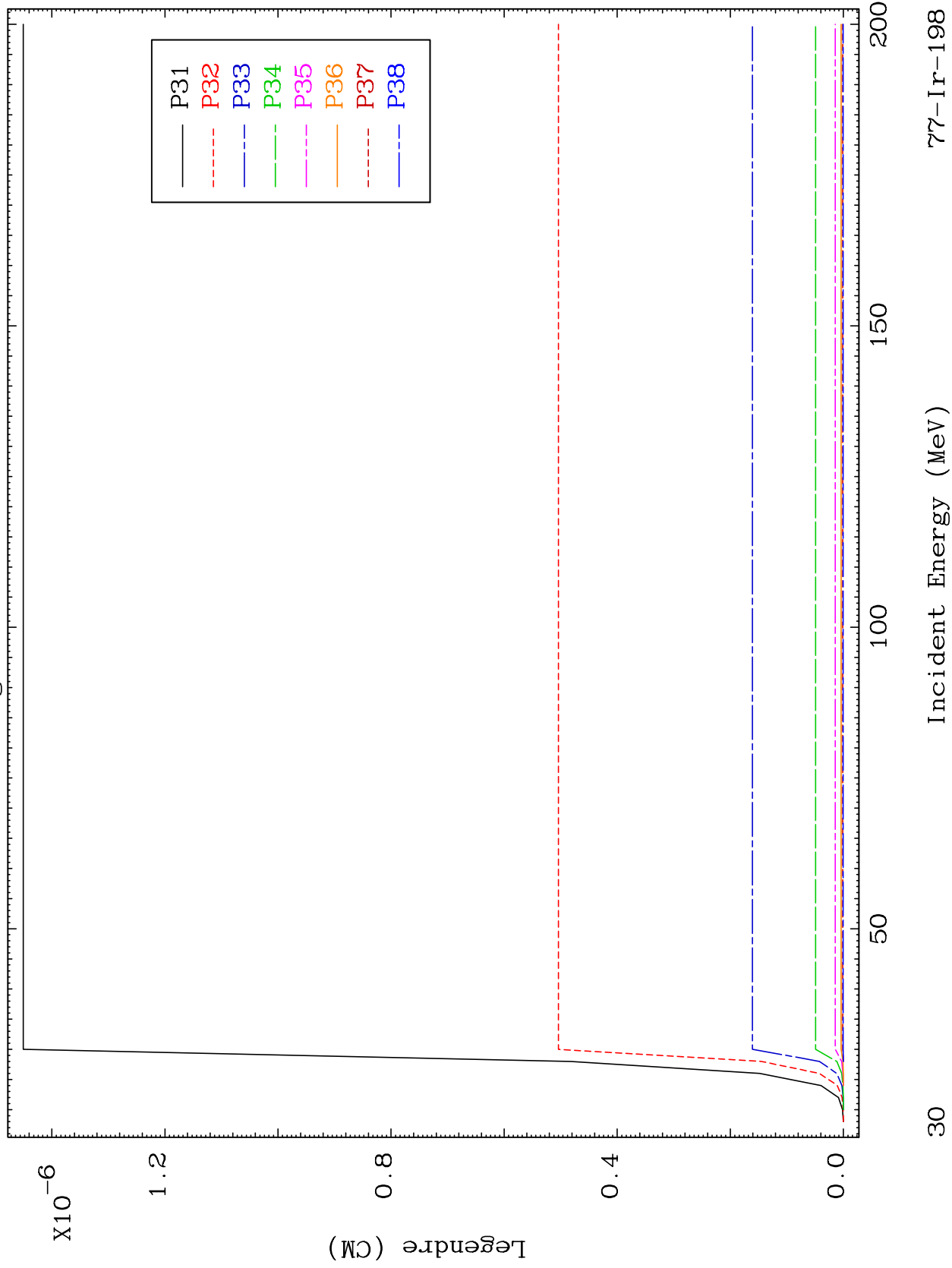
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MAT 7746

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

77-Ir-198



77-Ir-198

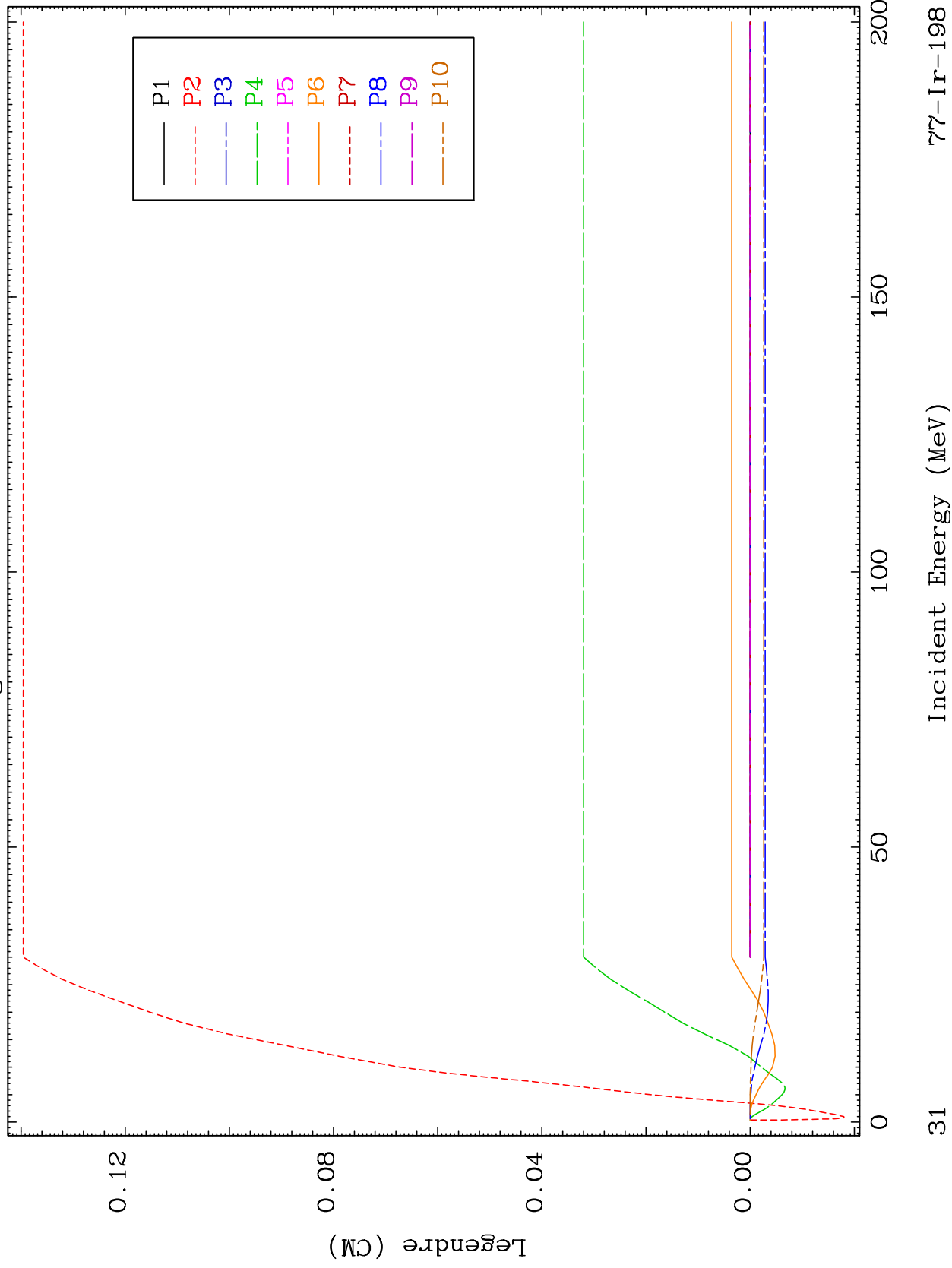
Incident Energy (MeV)

30

MAT 7746

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

77-Ir-198



31

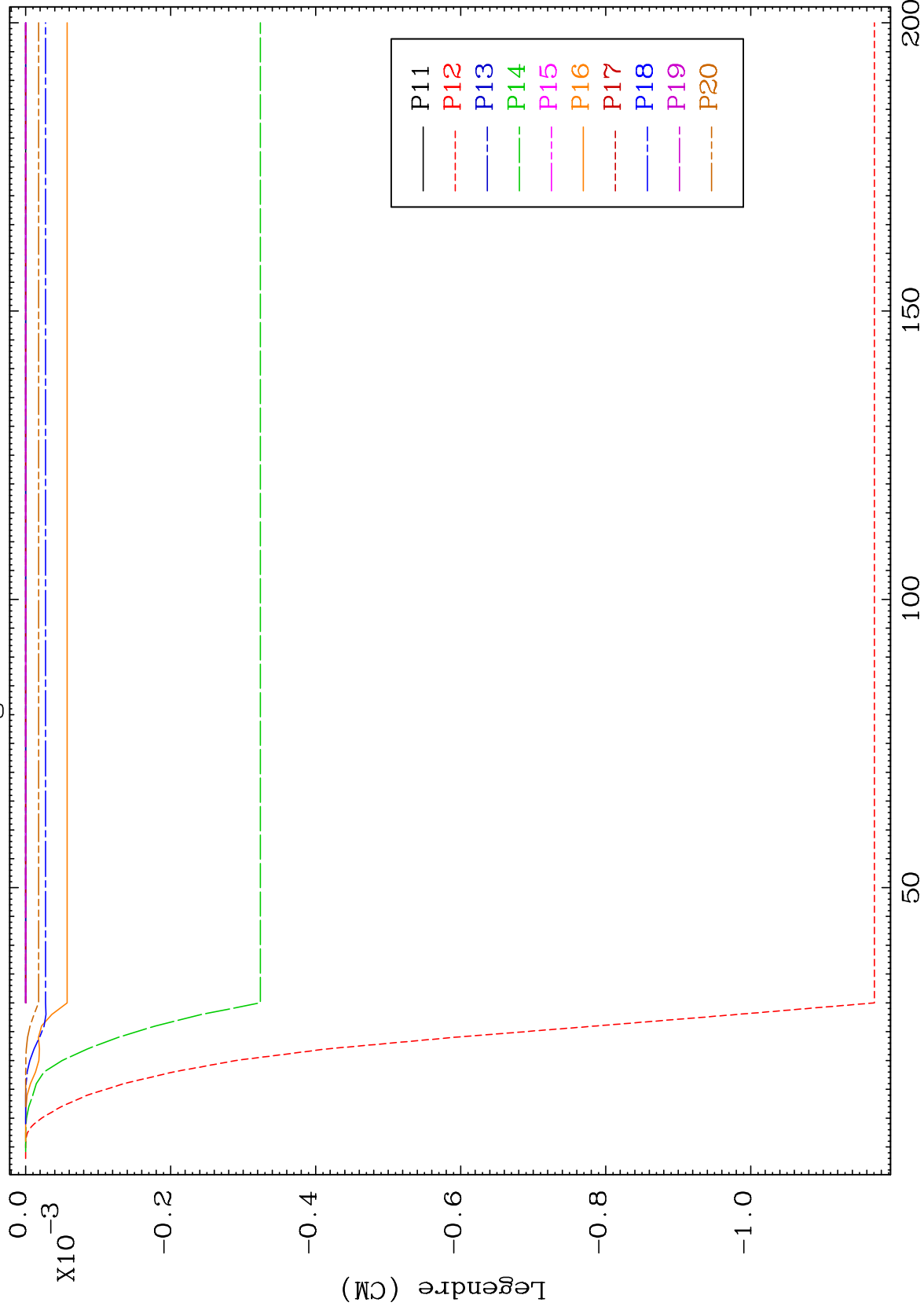
77-Ir-198

MAT 7746

MT= 54 (n,n') Level

77-Ir-198

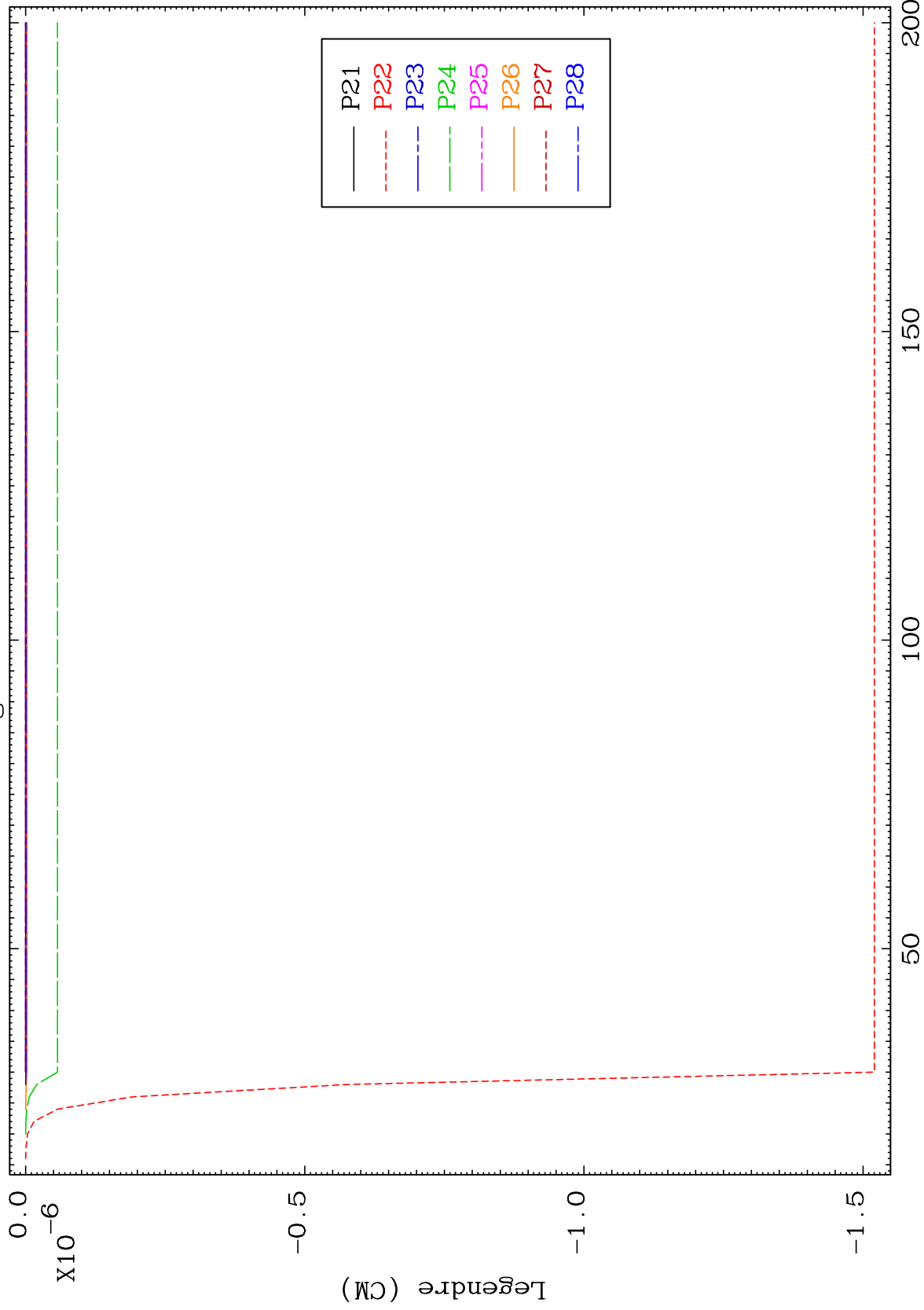
Legendre Coefficients



MAT 7746

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

77-Ir-198



33

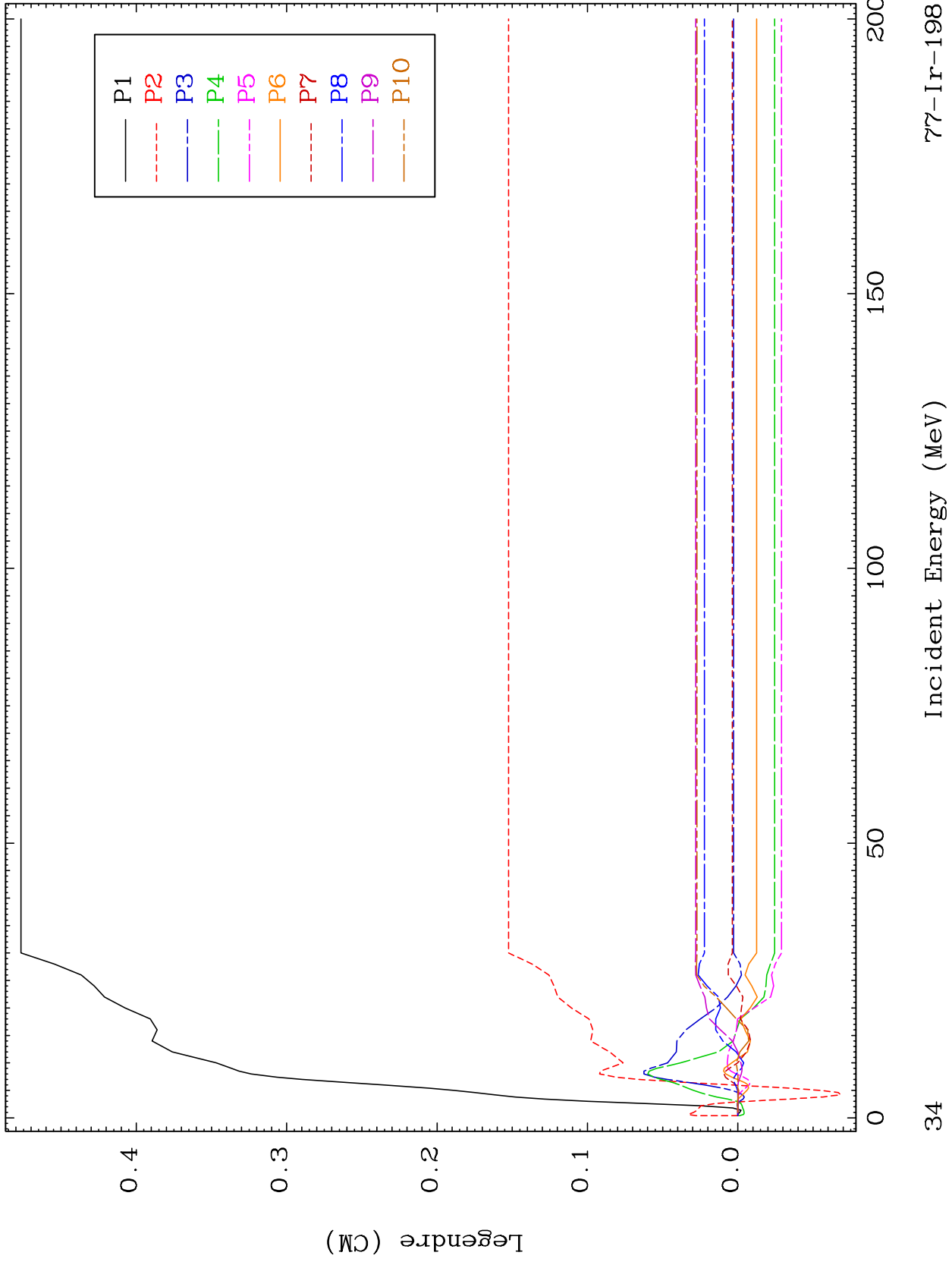
Incident Energy (MeV)

77-Ir-198

MAT 7746

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

77-Ir-198



34

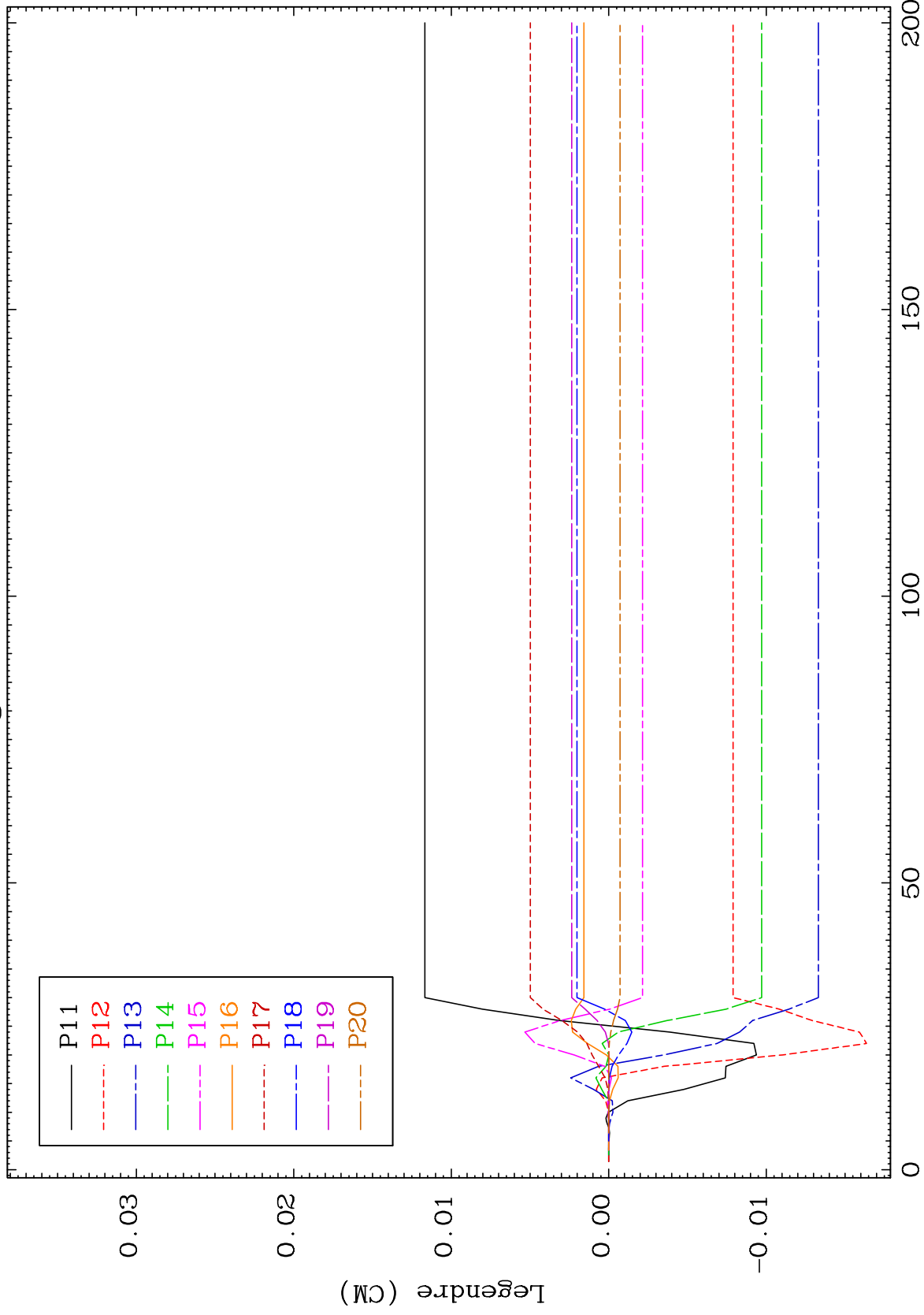
Incident Energy (MeV)

77-Ir-198

MAT 7746

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

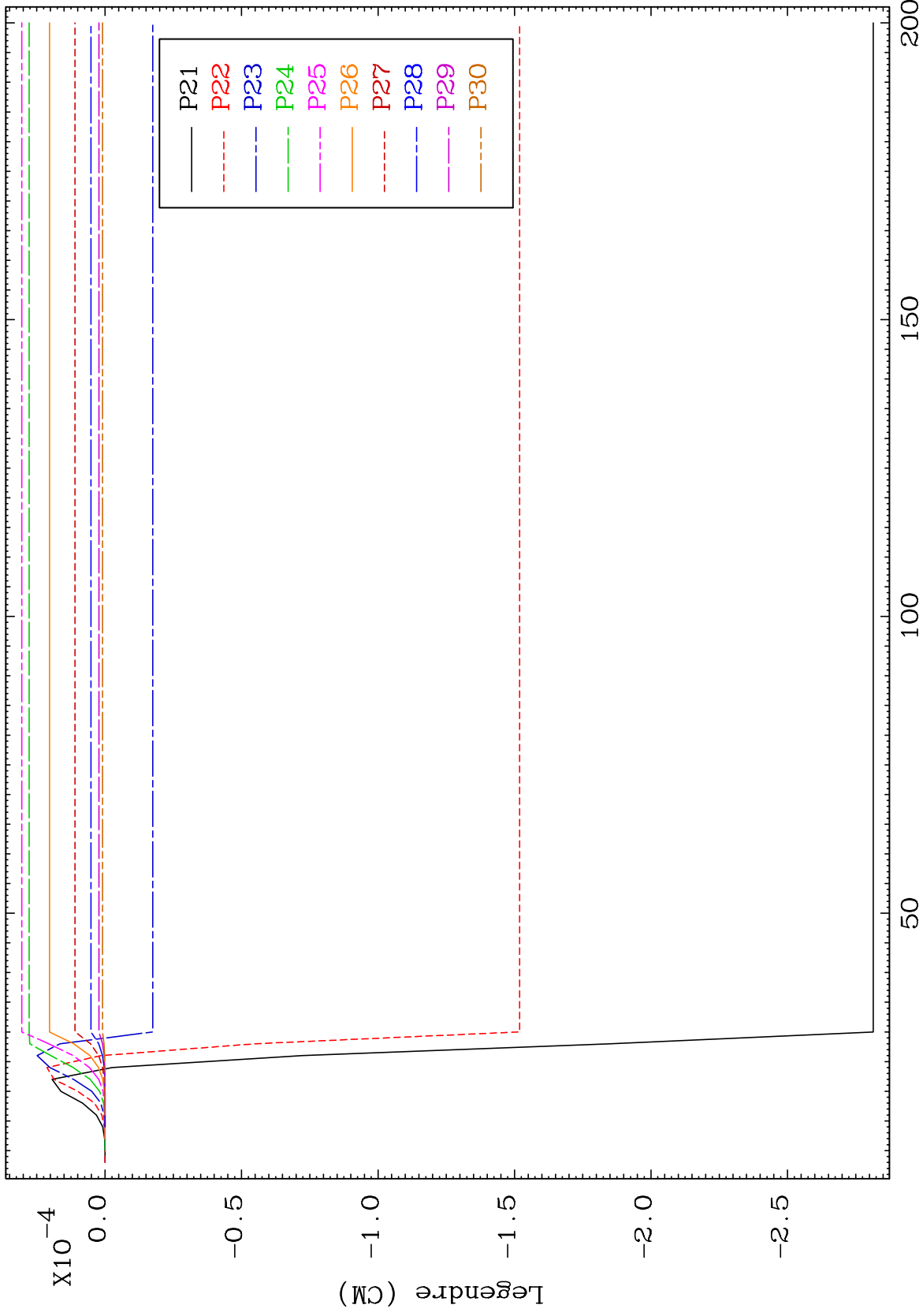
77-Ir-198



35

Incident Energy (MeV)

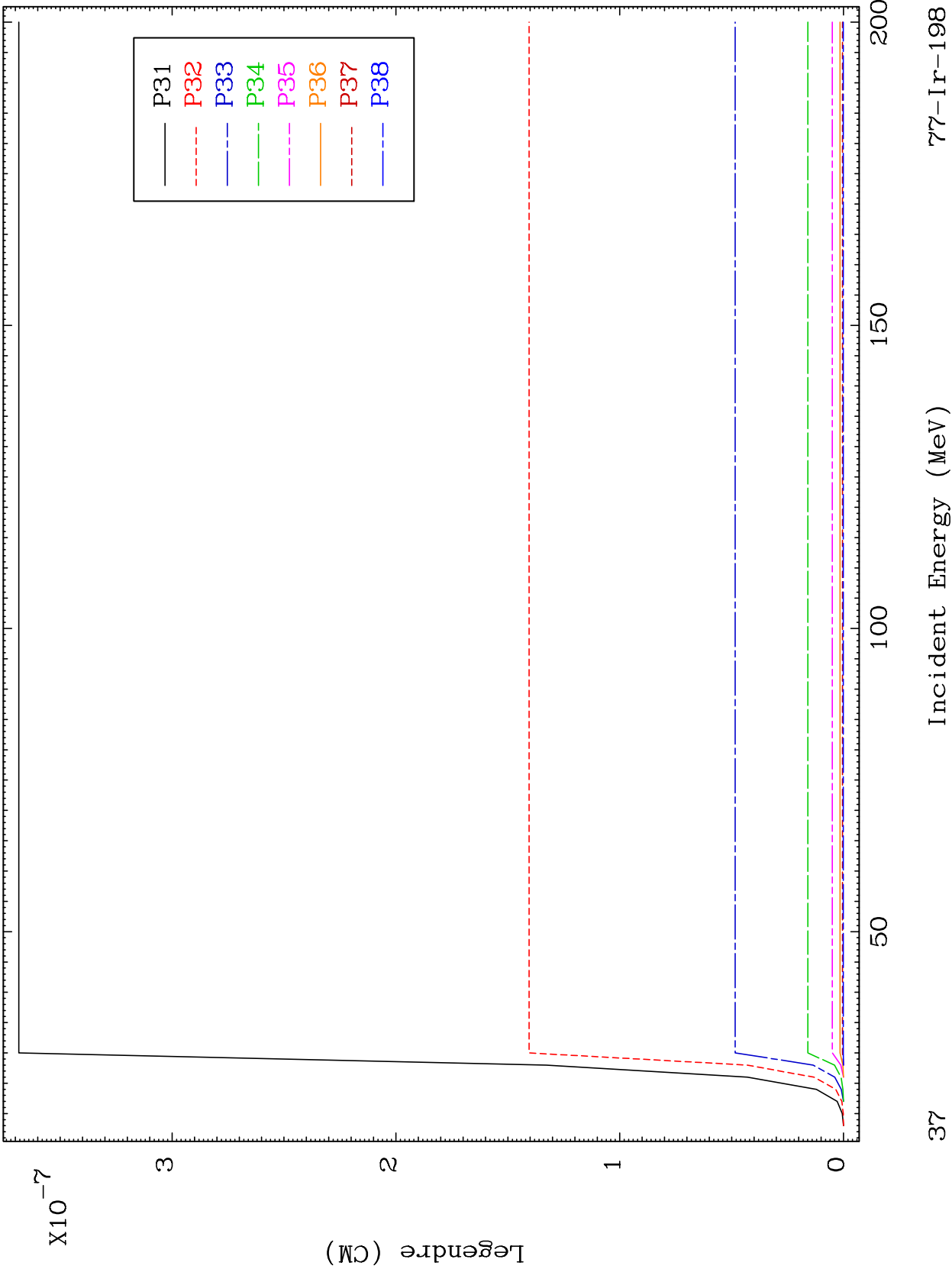
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MAT 7746

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

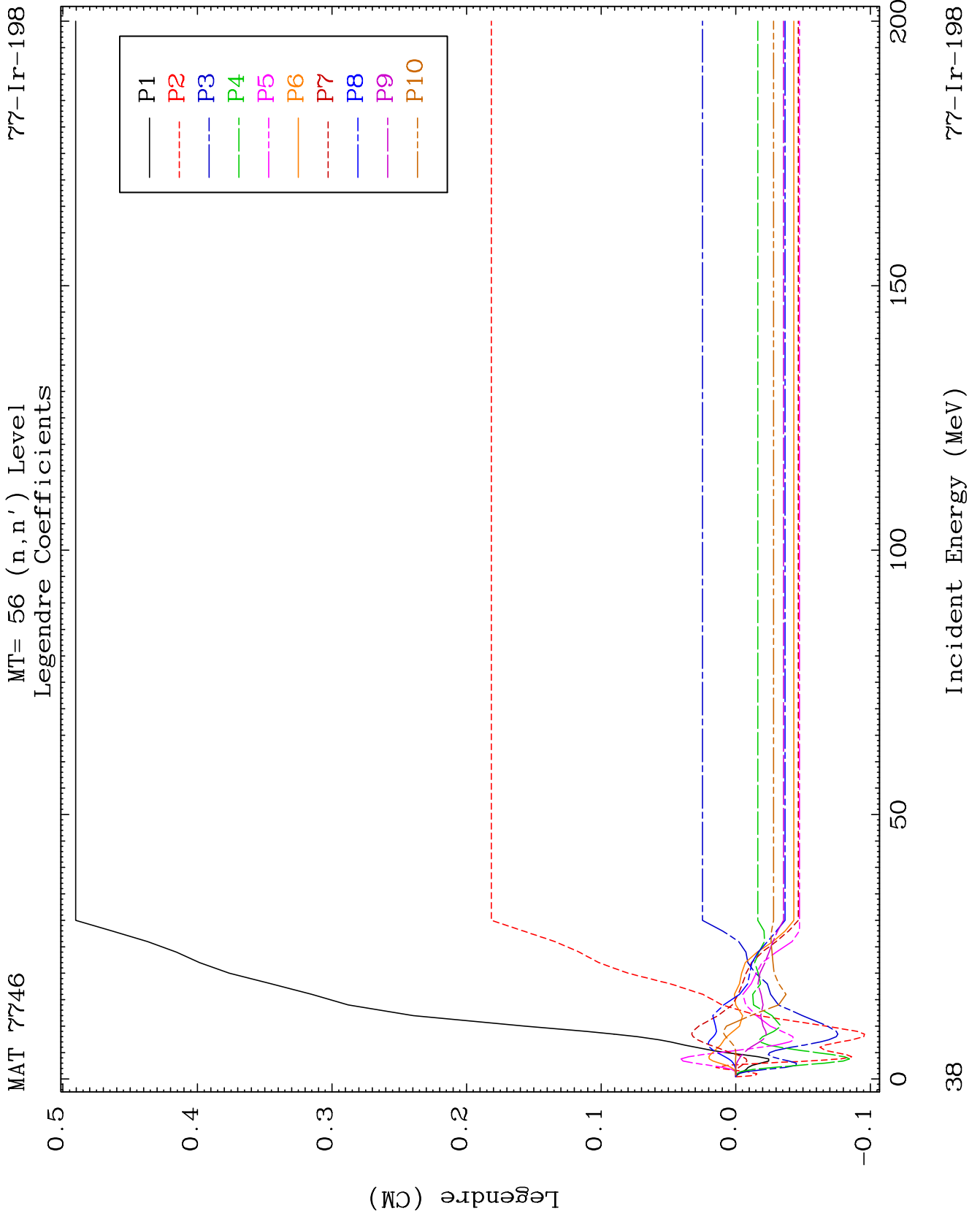
77-Ir-198



37

Incident Energy (MeV)

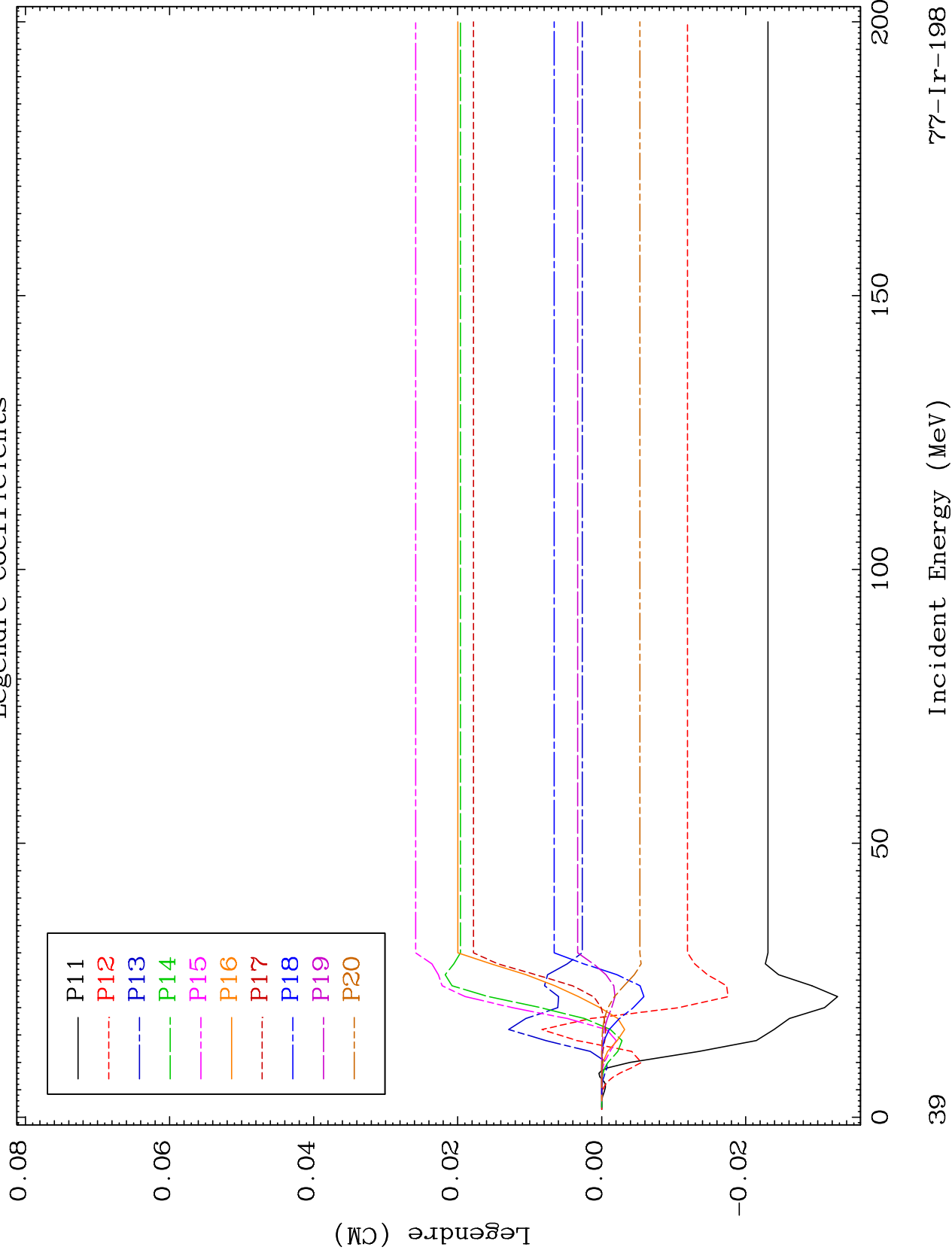
77-Ir-198



MAT 7746

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

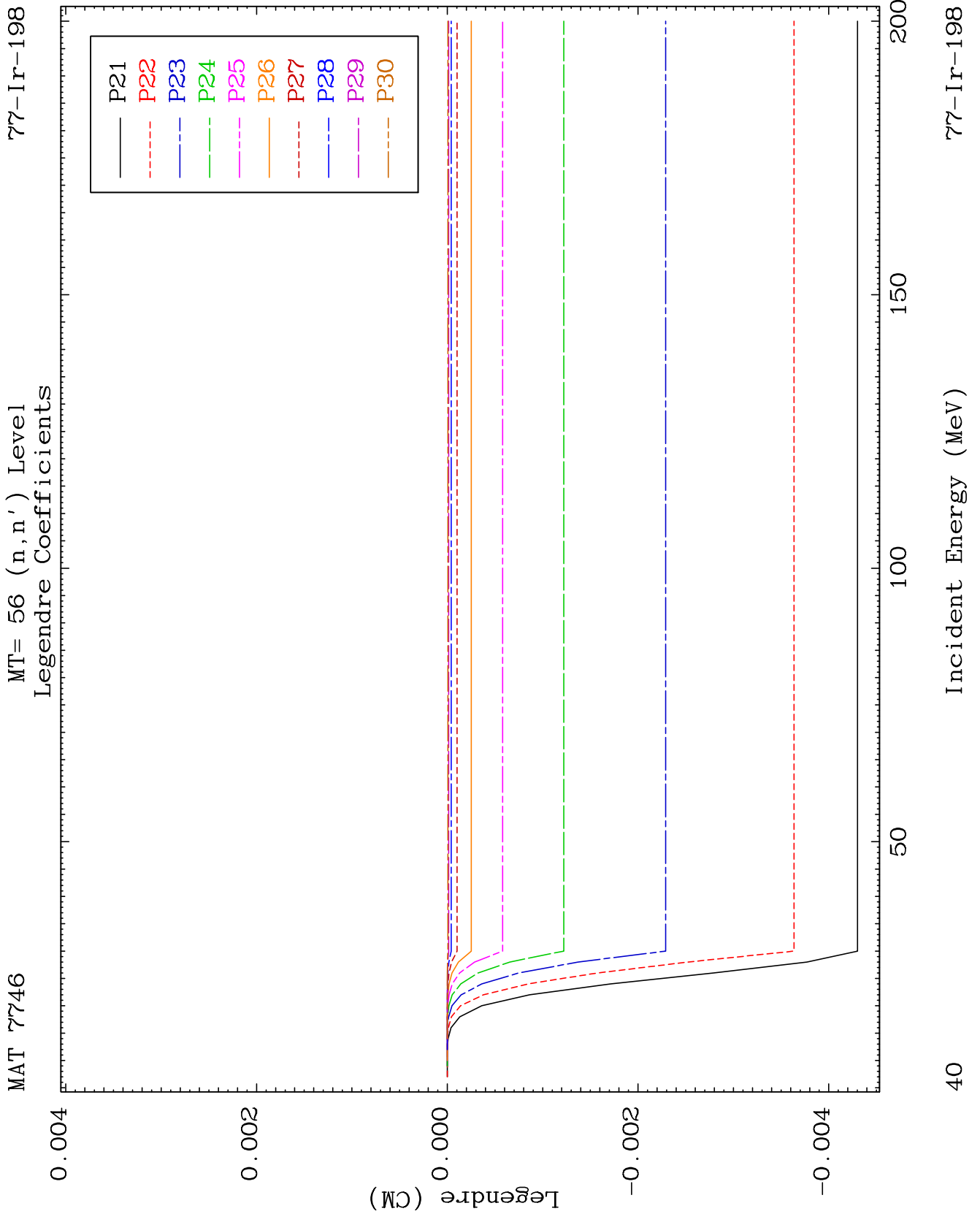
77-Ir-198

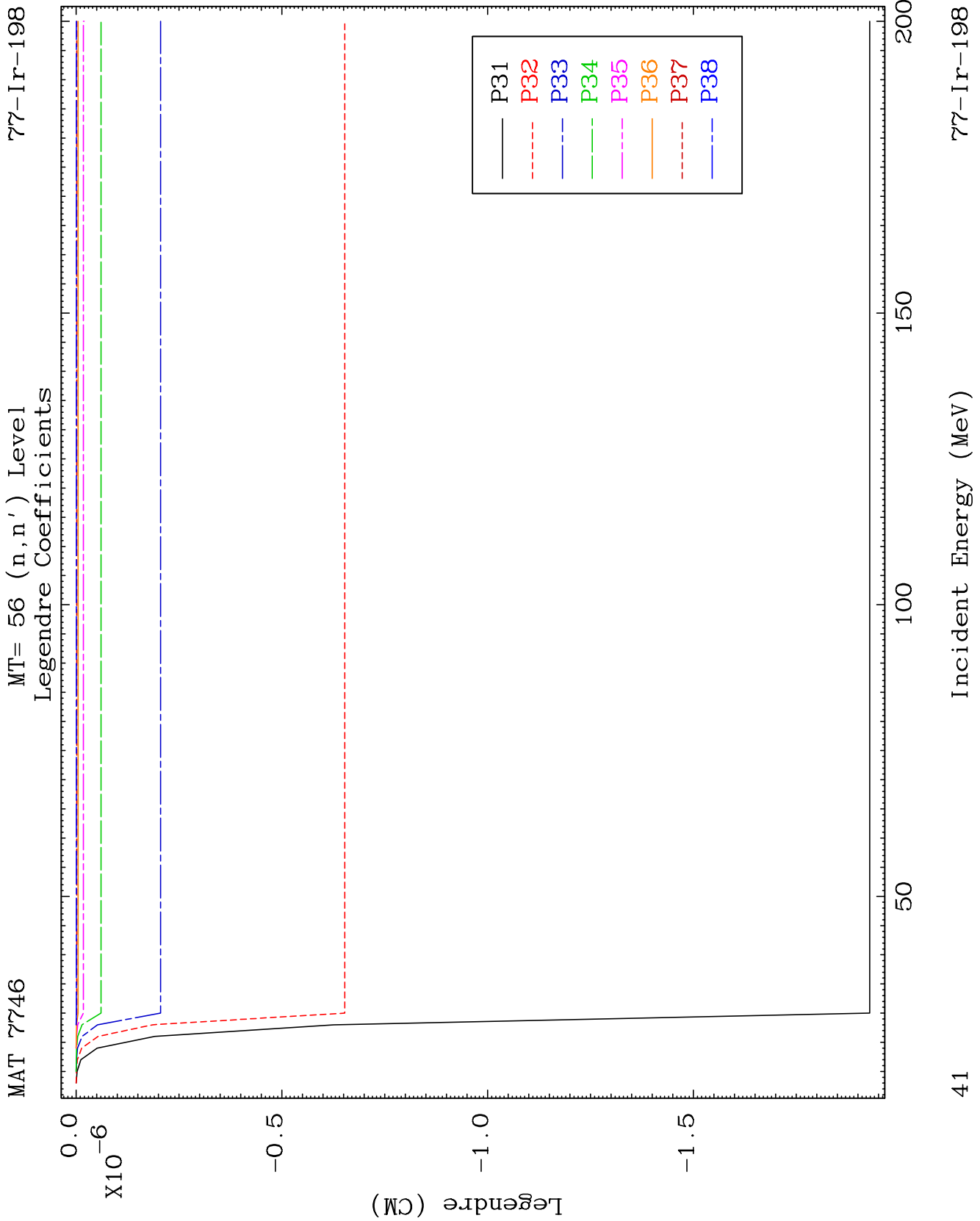


77-Ir-198

Incident Energy (MeV)

39

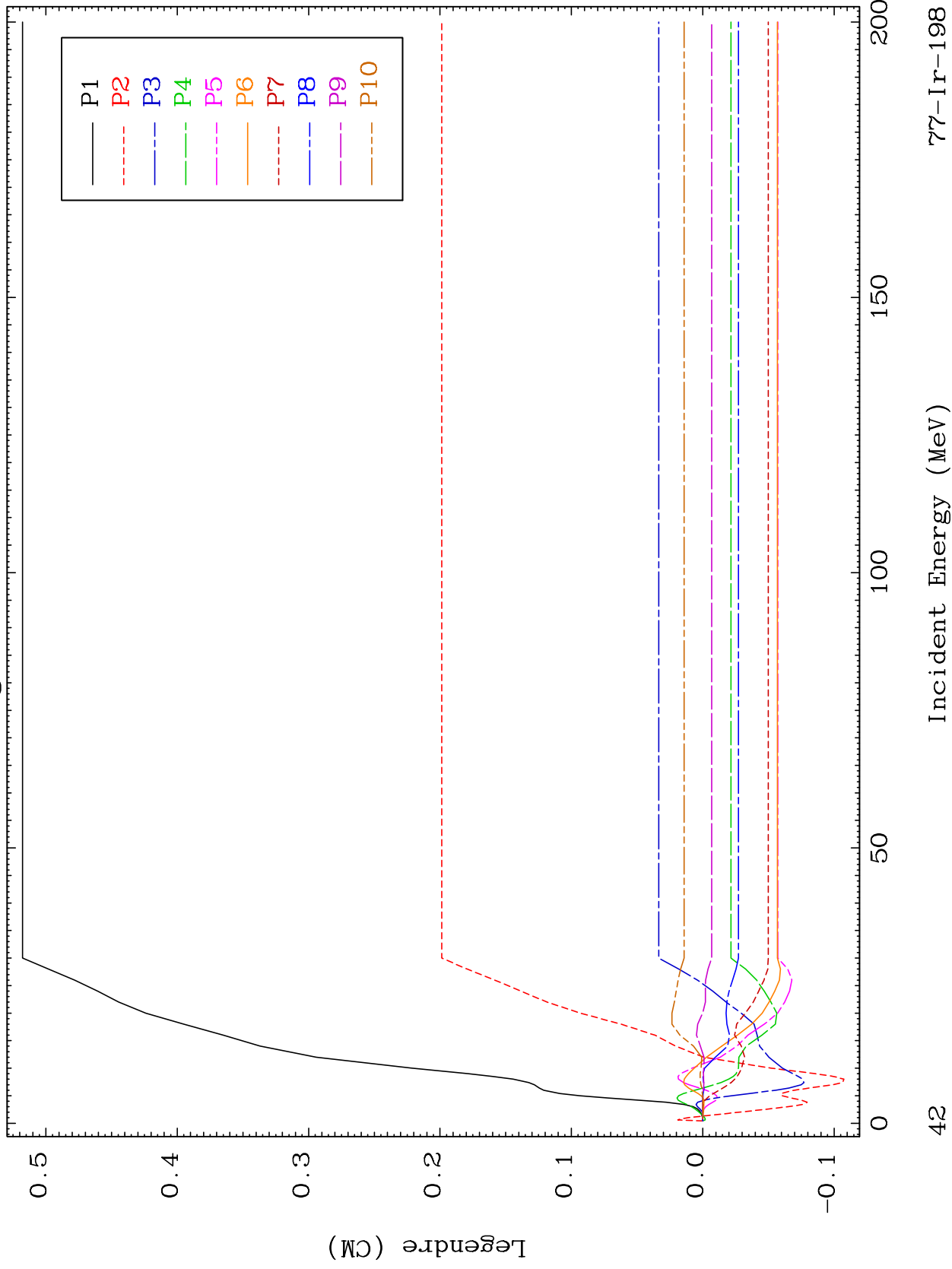




MAT 7746

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

77-Ir-198



77-Ir-198

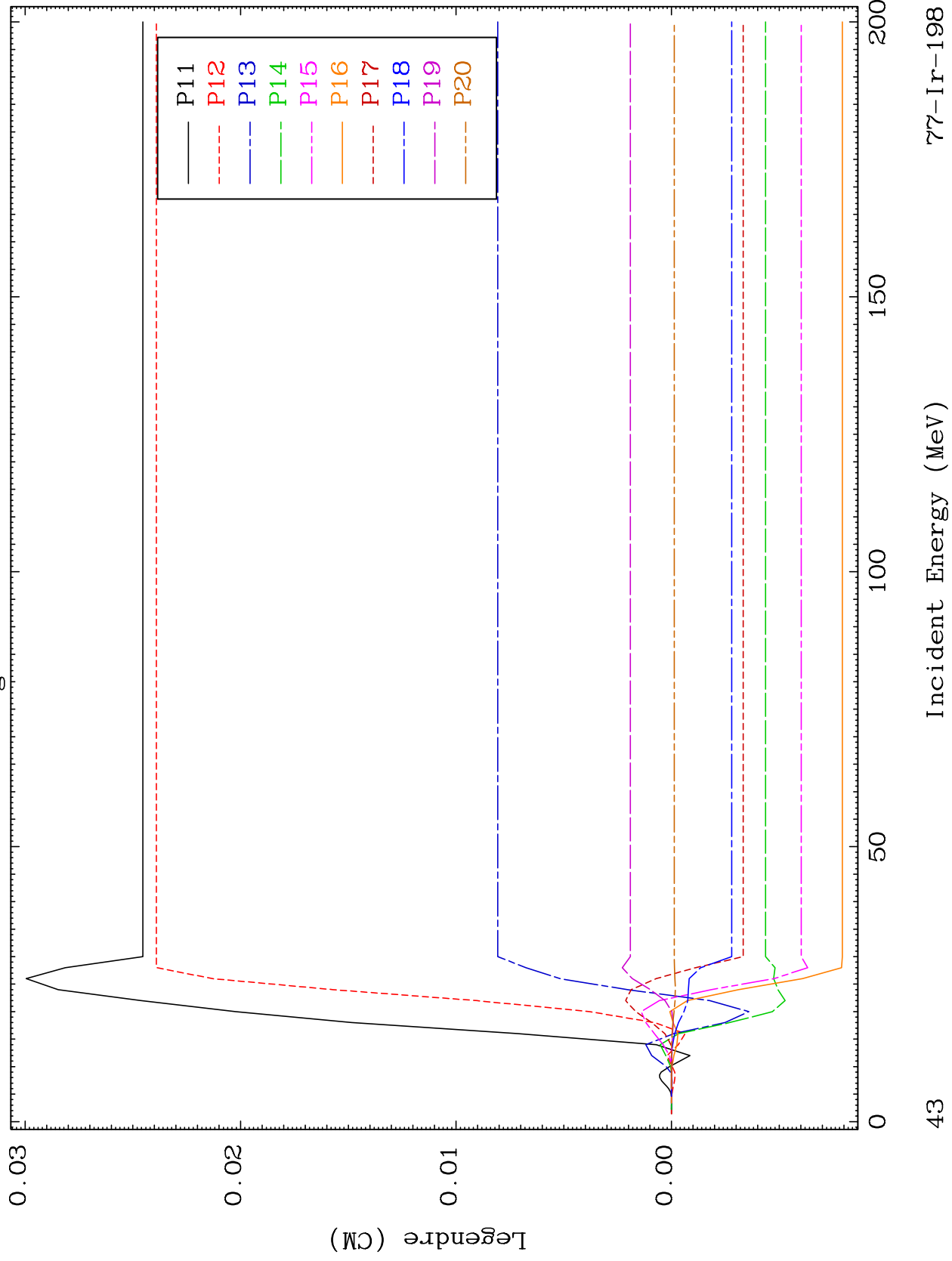
Incident Energy (MeV)

42

MAT 7746

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

77-Ir-198



77-Ir-198

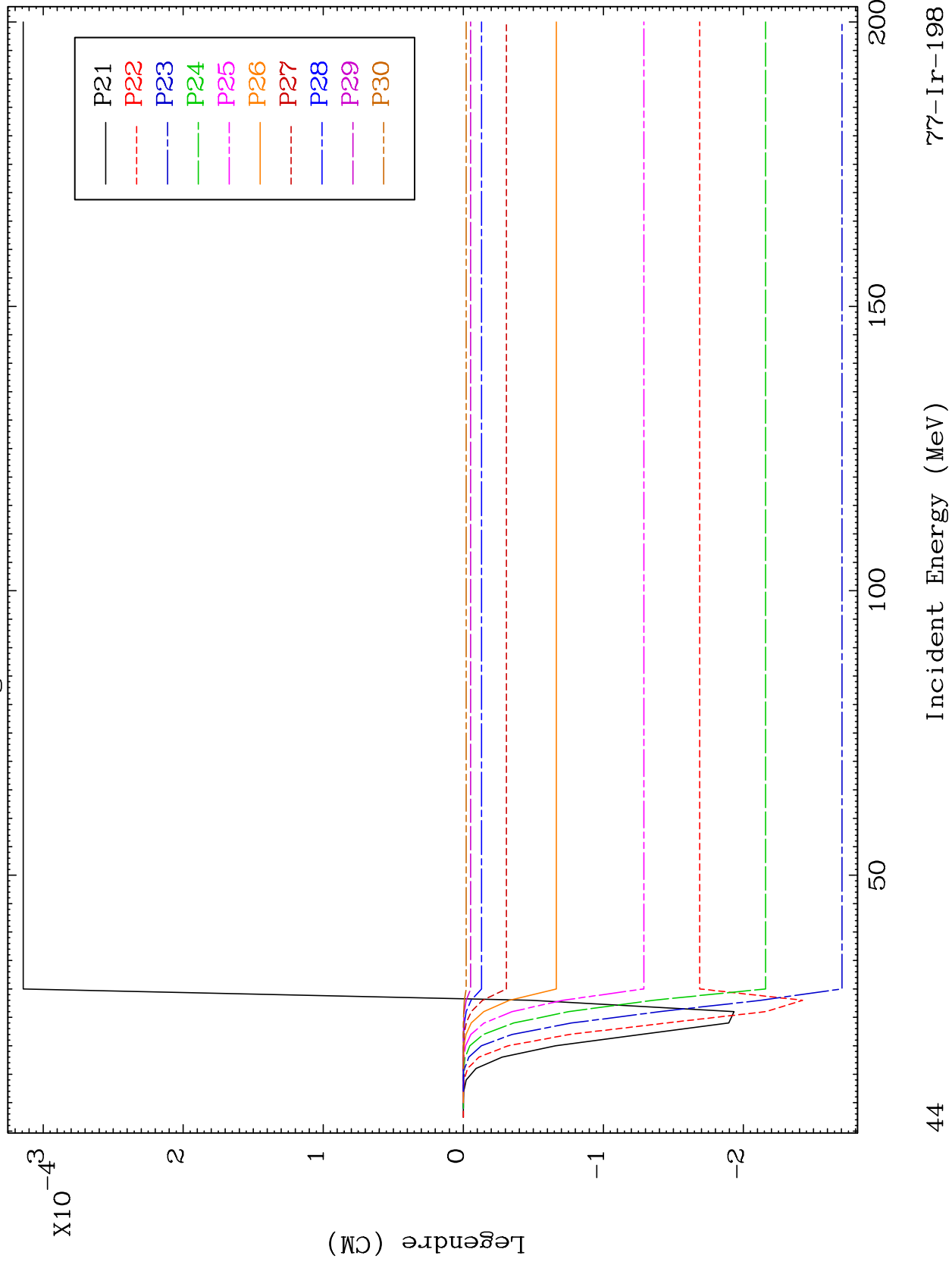
Incident Energy (MeV)

43

MAT 7746

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

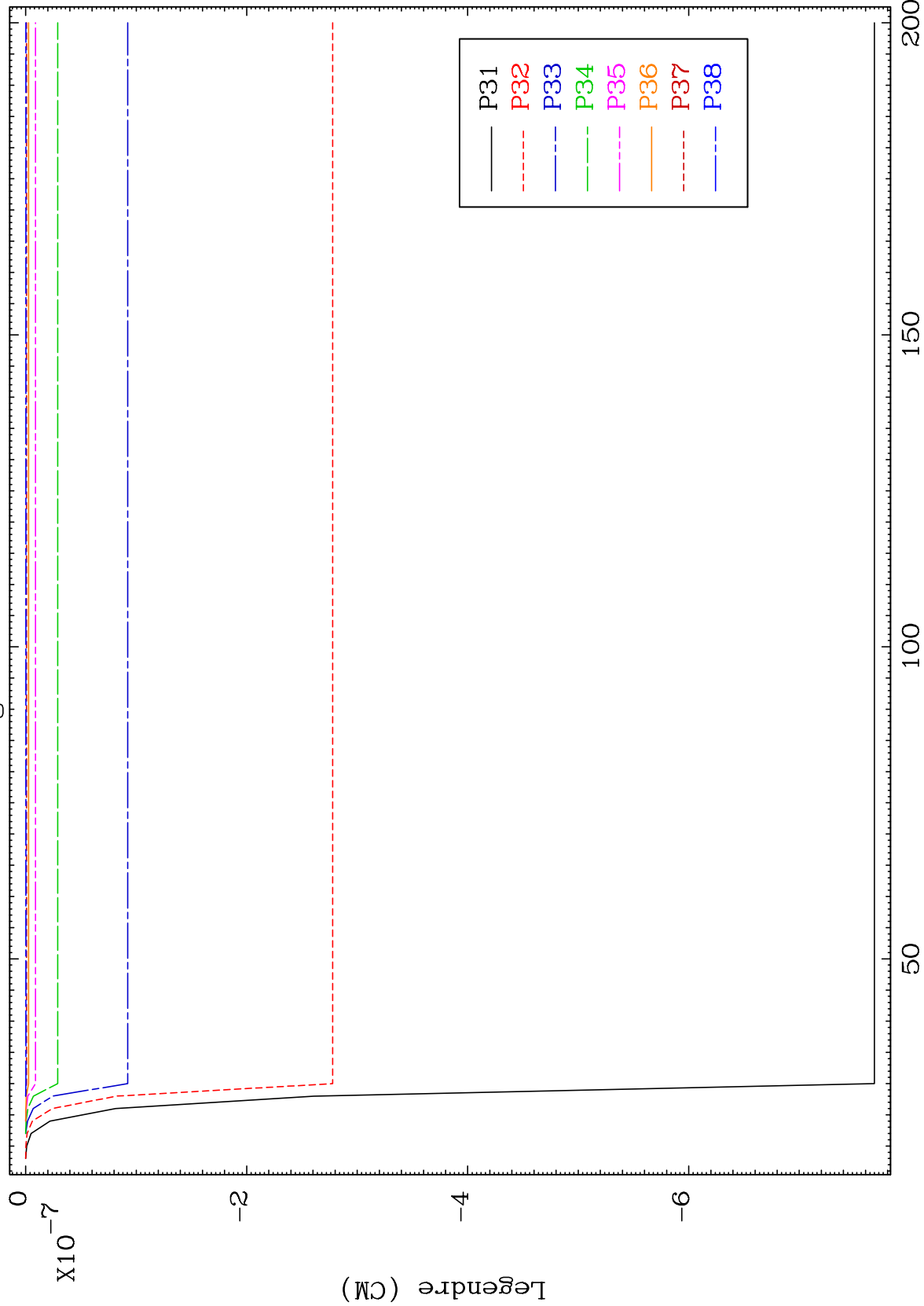
77-Ir-198



MAT 7746

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

77-Ir-198



77-Ir-198

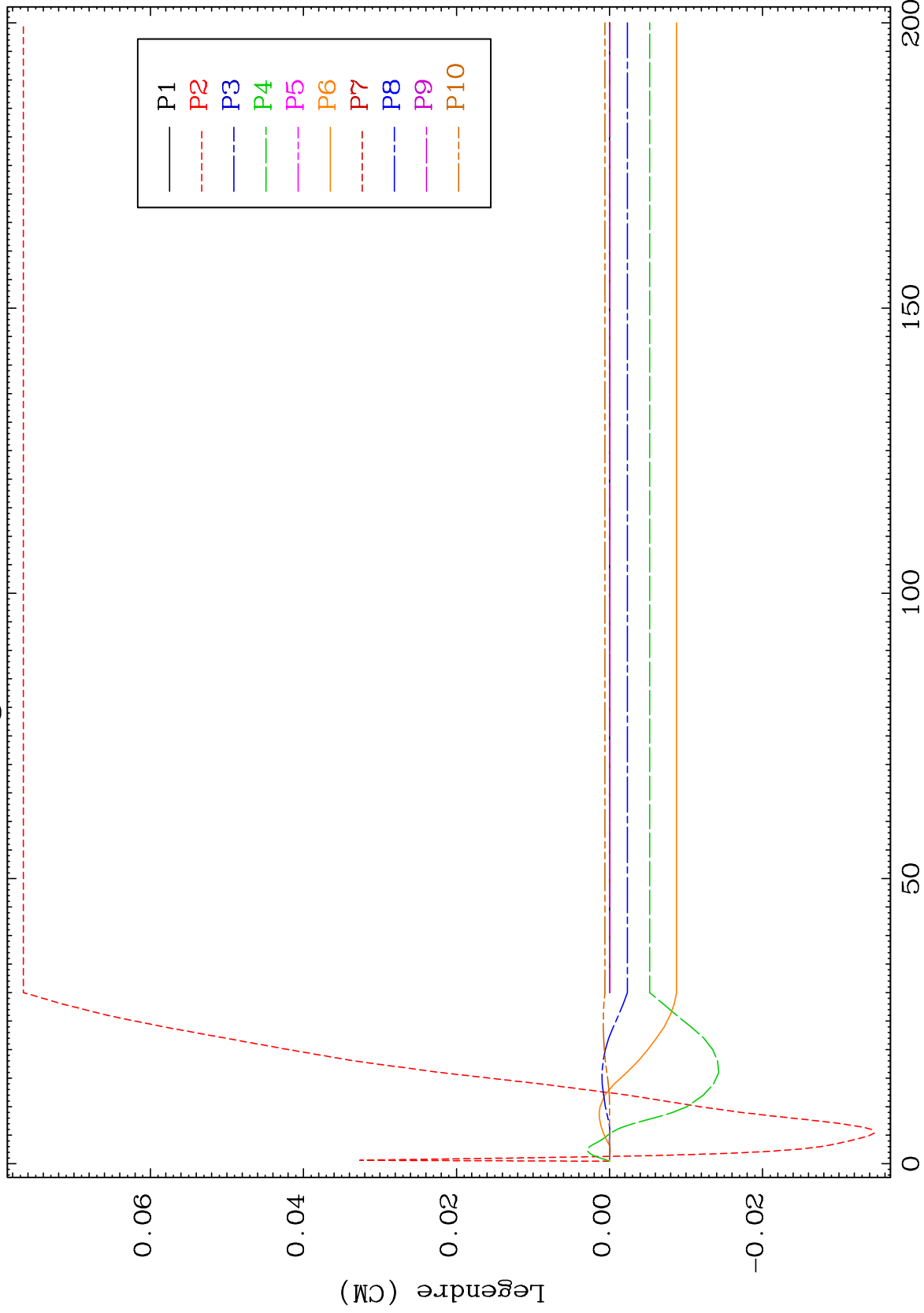
Incident Energy (MeV)

45

MAT 7746

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

77-Ir-198



46

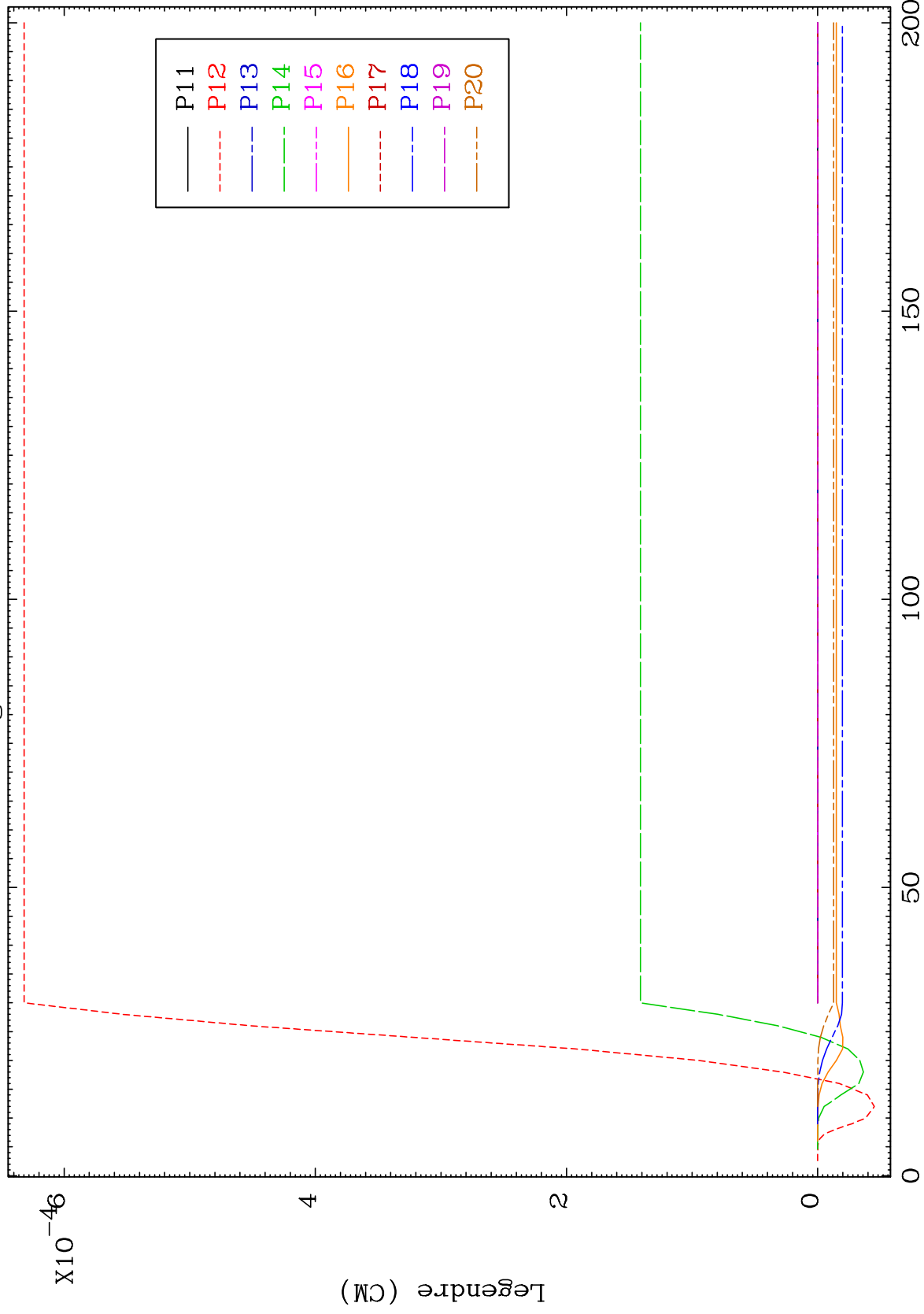
Incident Energy (MeV)

77-Ir-198

MAT 7746

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

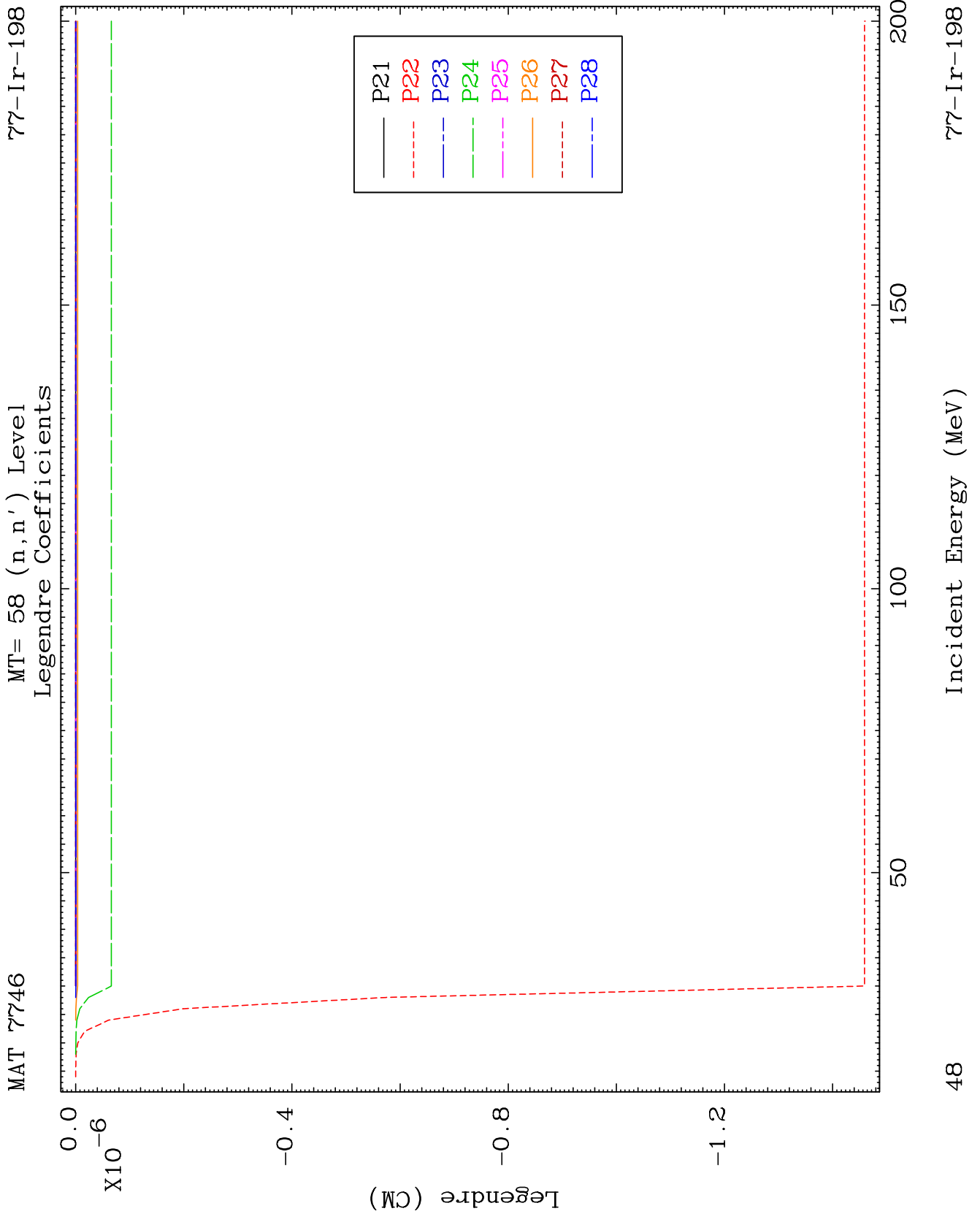
77-Ir-198



47

Incident Energy (MeV)

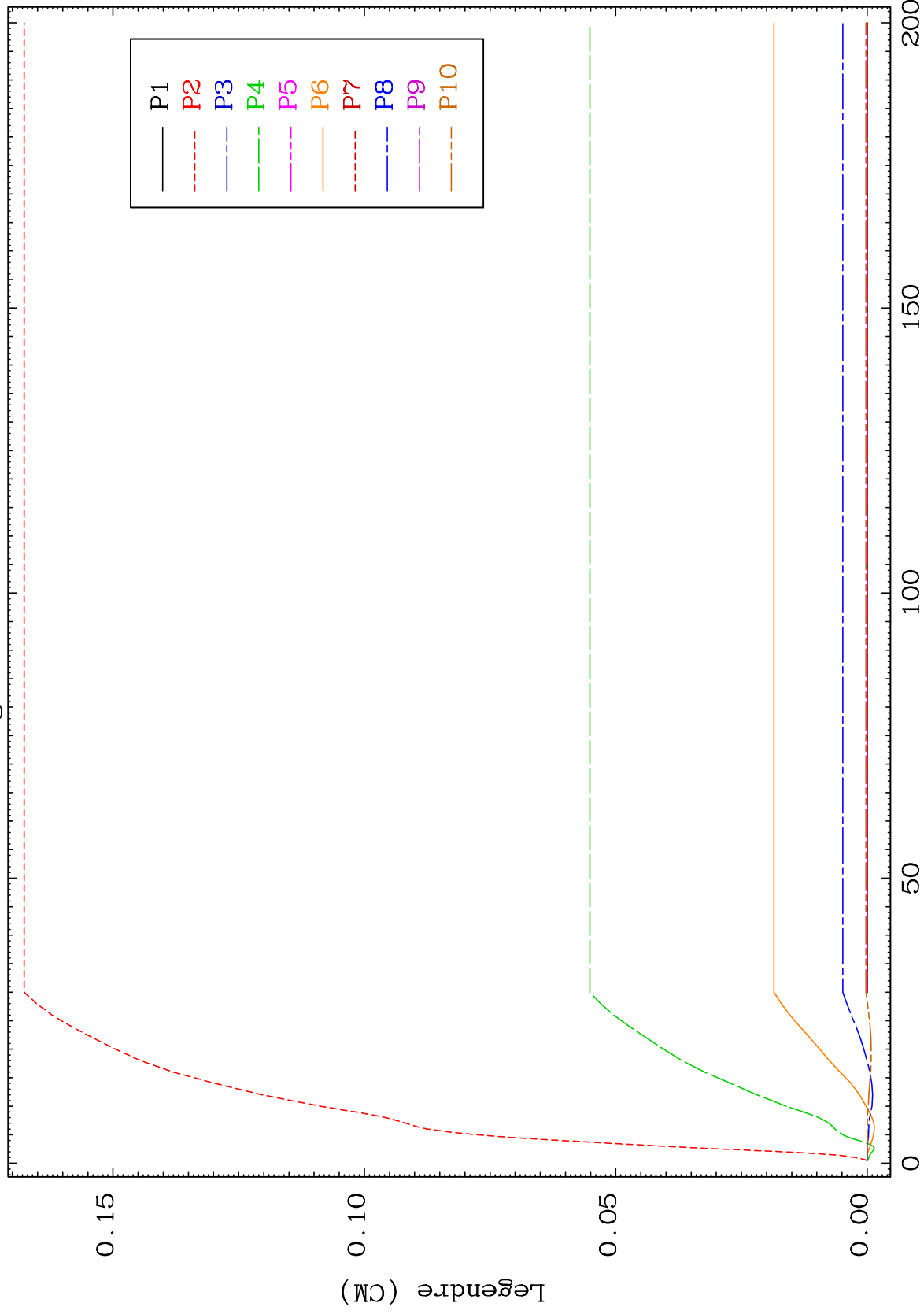
77-Ir-198



MAT 7746

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

77-Ir-198



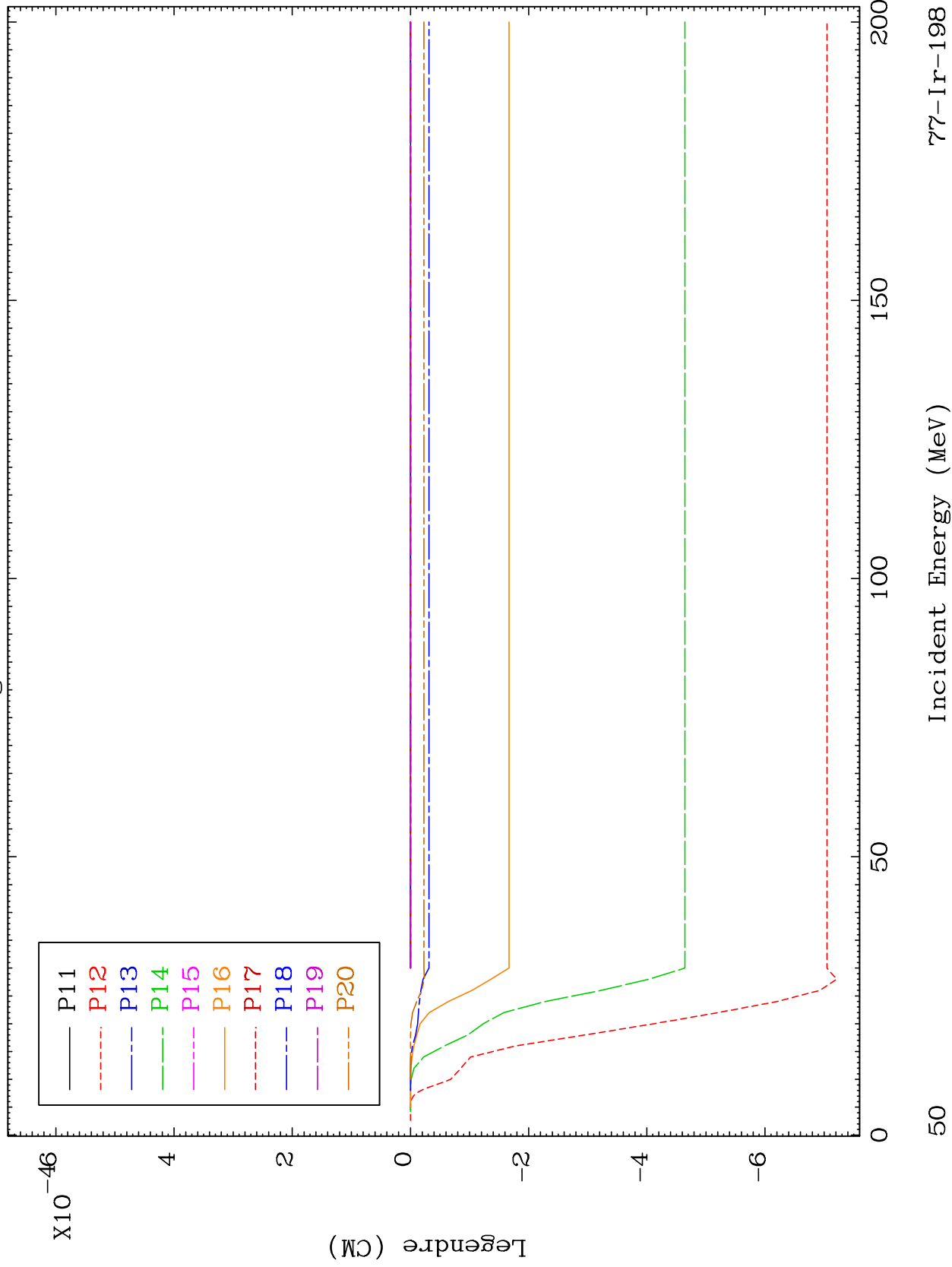
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77-Ir-198

MAT 7746

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

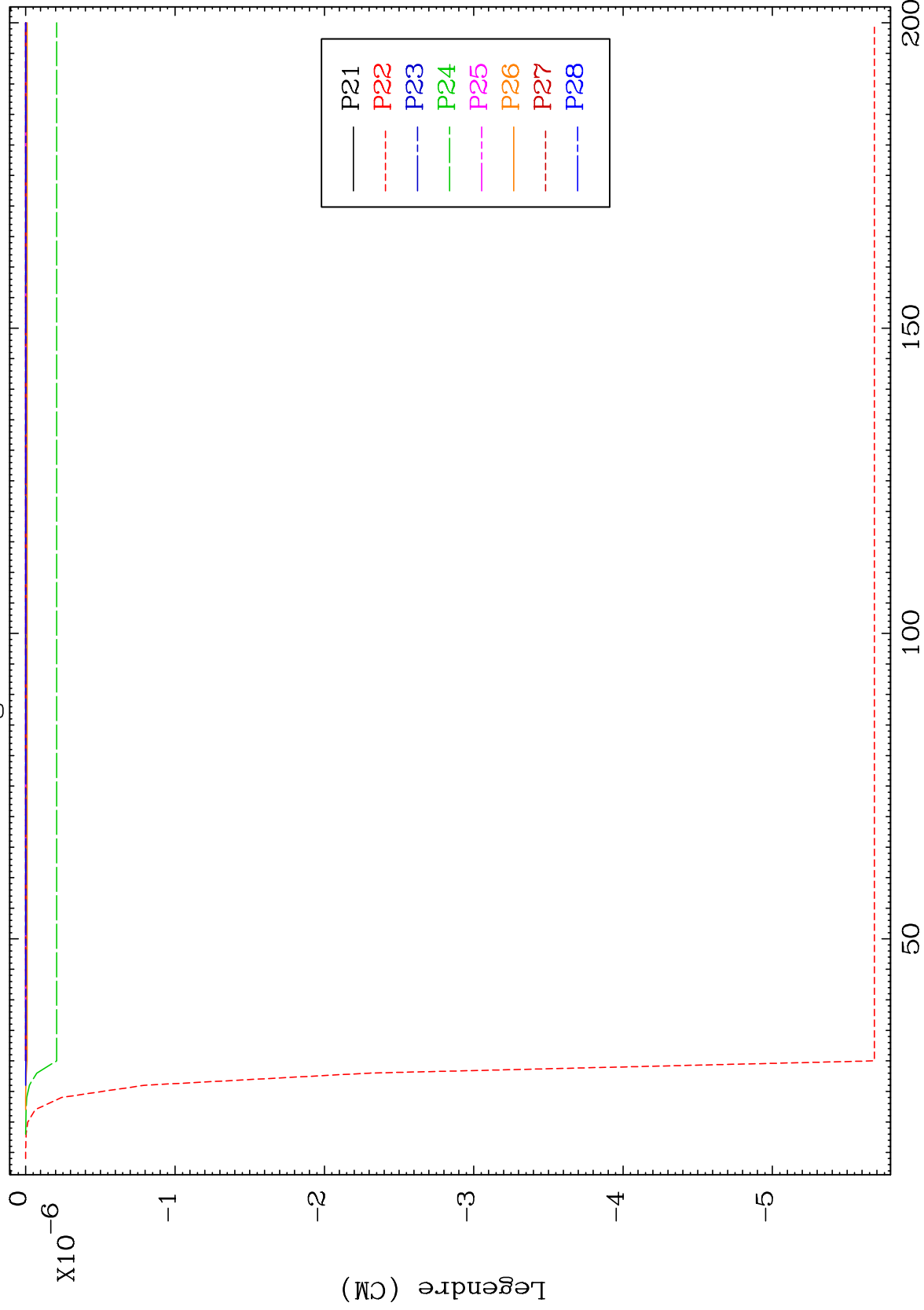
77-Ir-198



MAT 7746

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

77-Ir-198



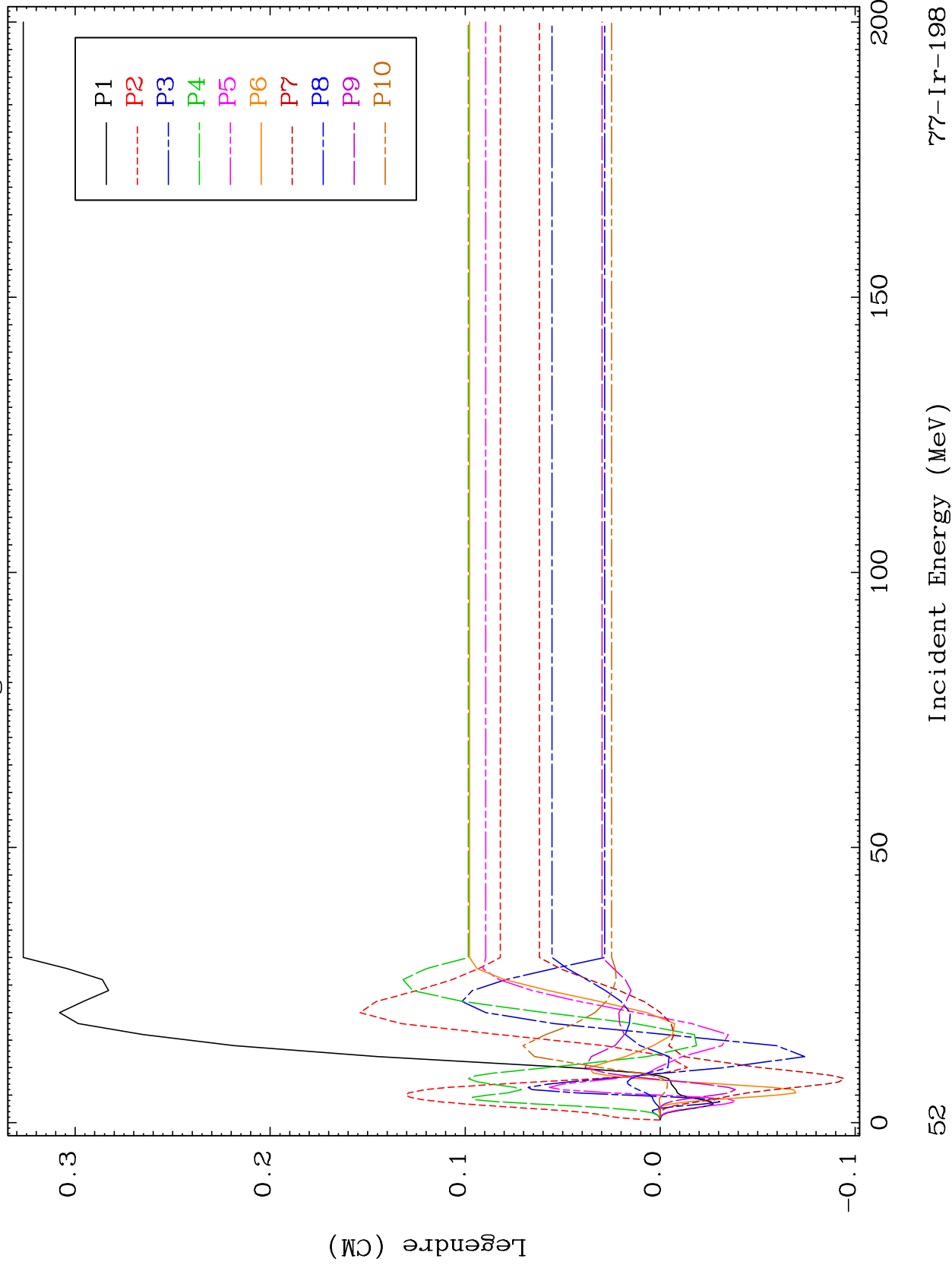
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77-Ir-198

MAT 7746

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

77-Ir-198

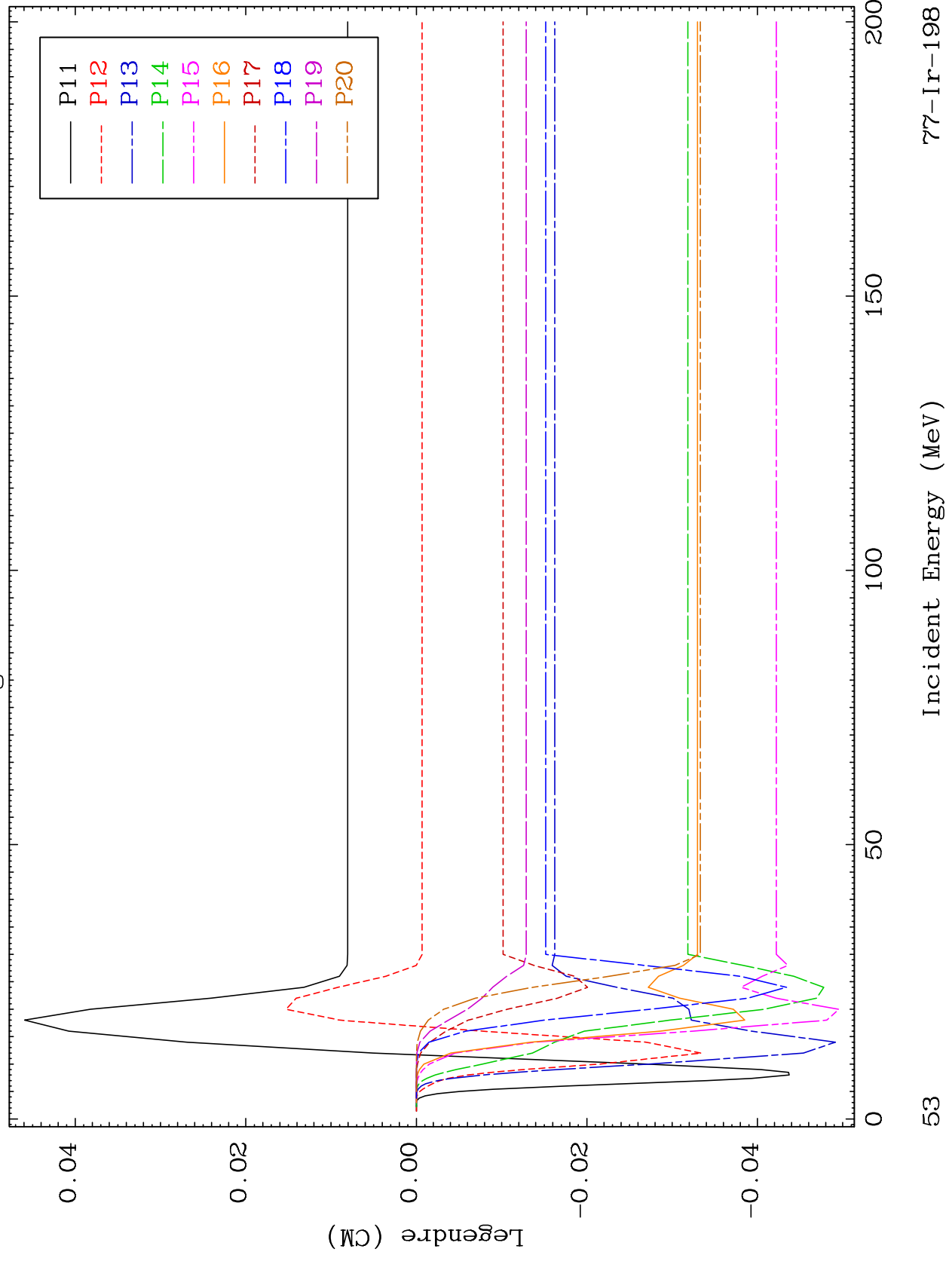


77-Ir-198

Incident Energy (MeV)

52

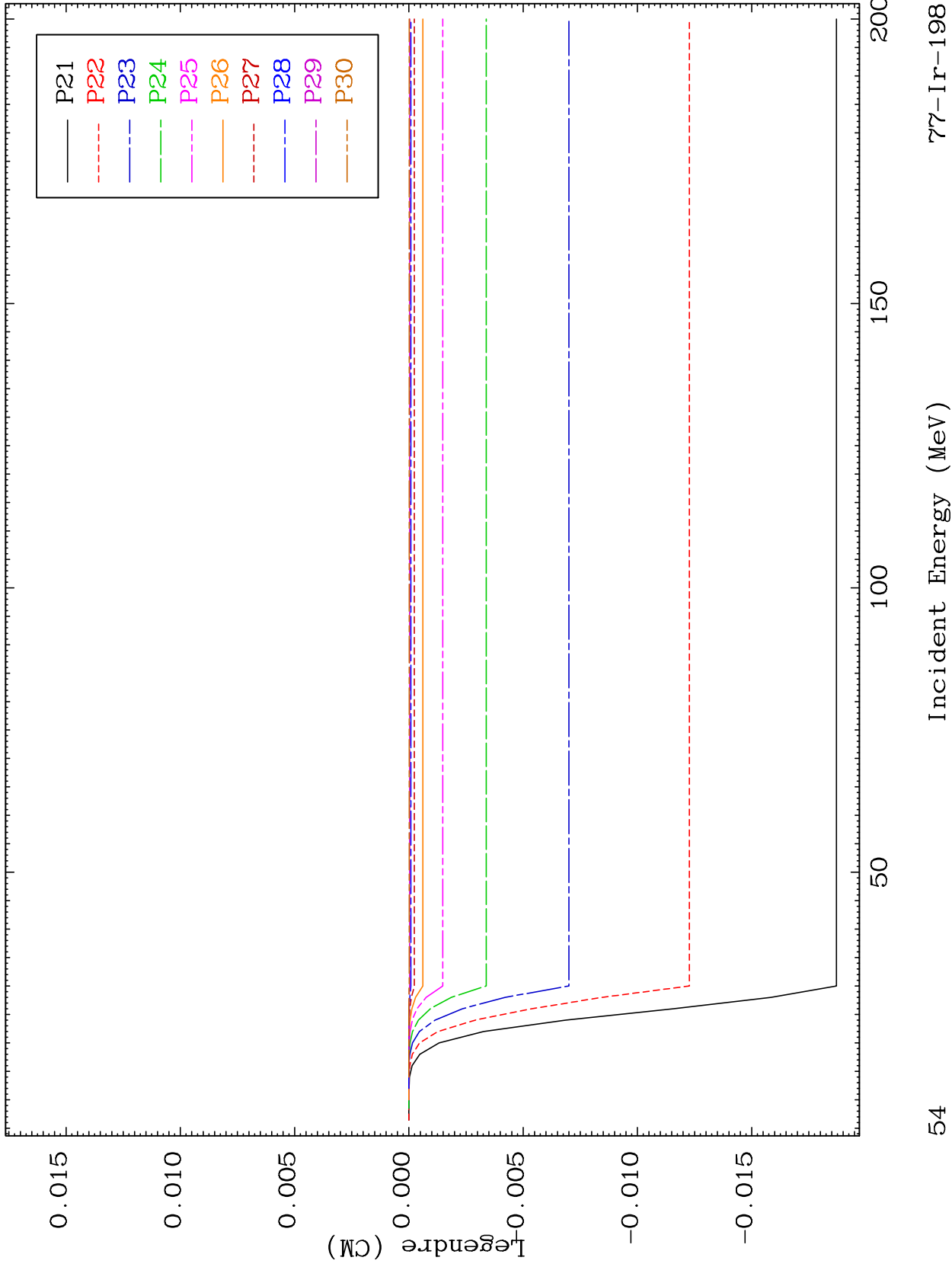
MAT 7746 MT= 60 (n,n') Level Legendre Coefficients 77-Ir-198



MAT 7746

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

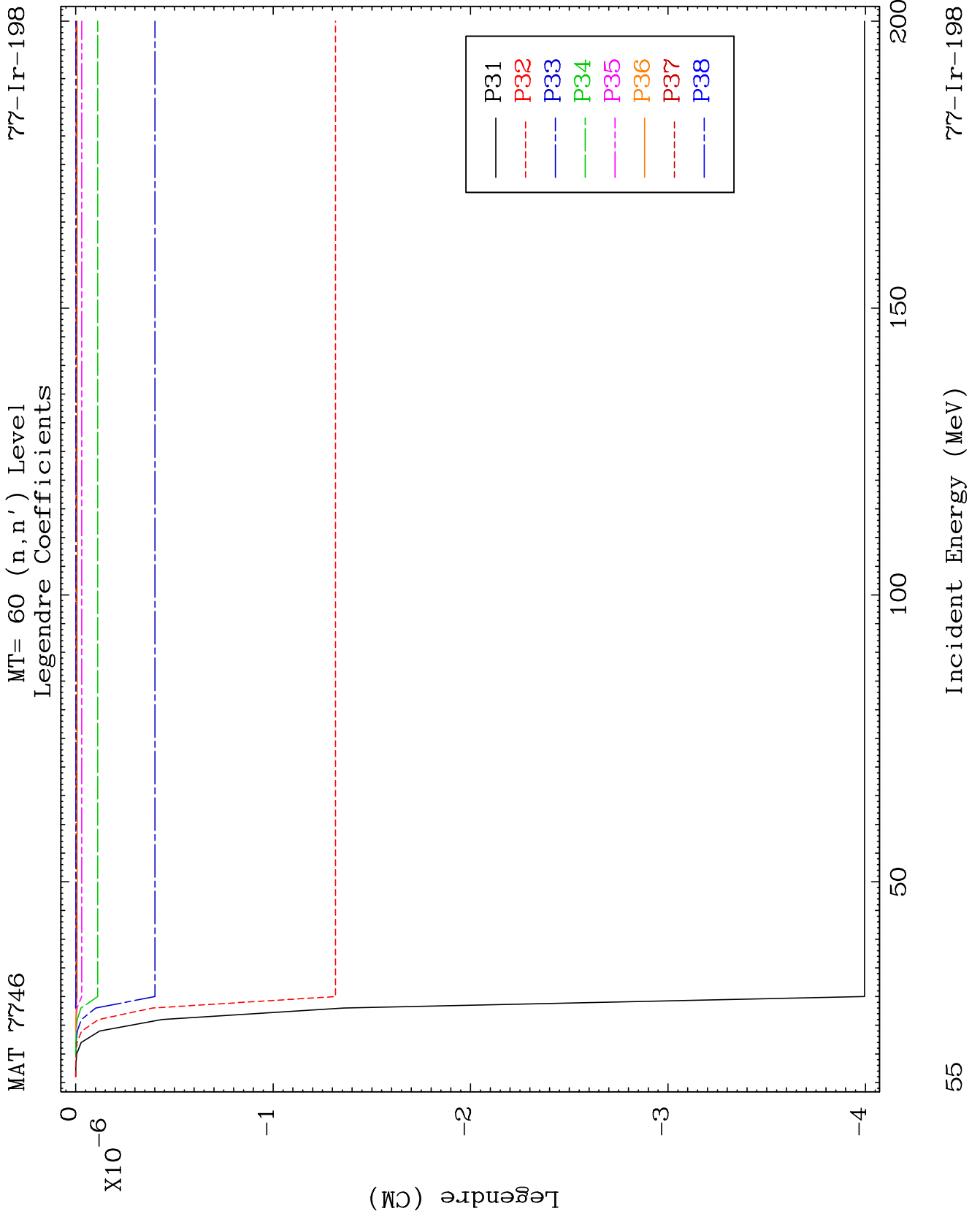
77-Ir-198



54

Incident Energy (MeV)

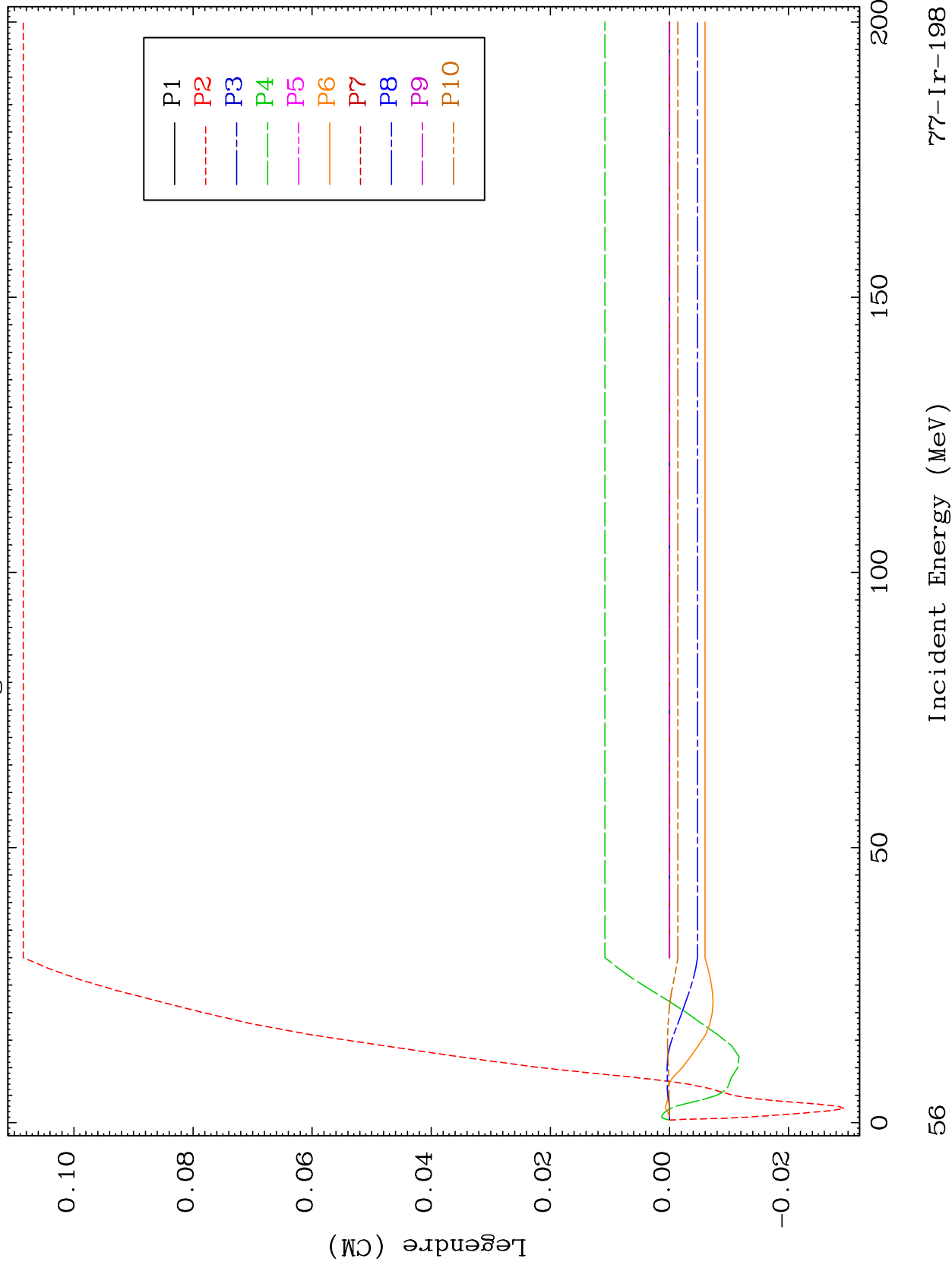
77-Ir-198



MAT 7746

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

77-Ir-198

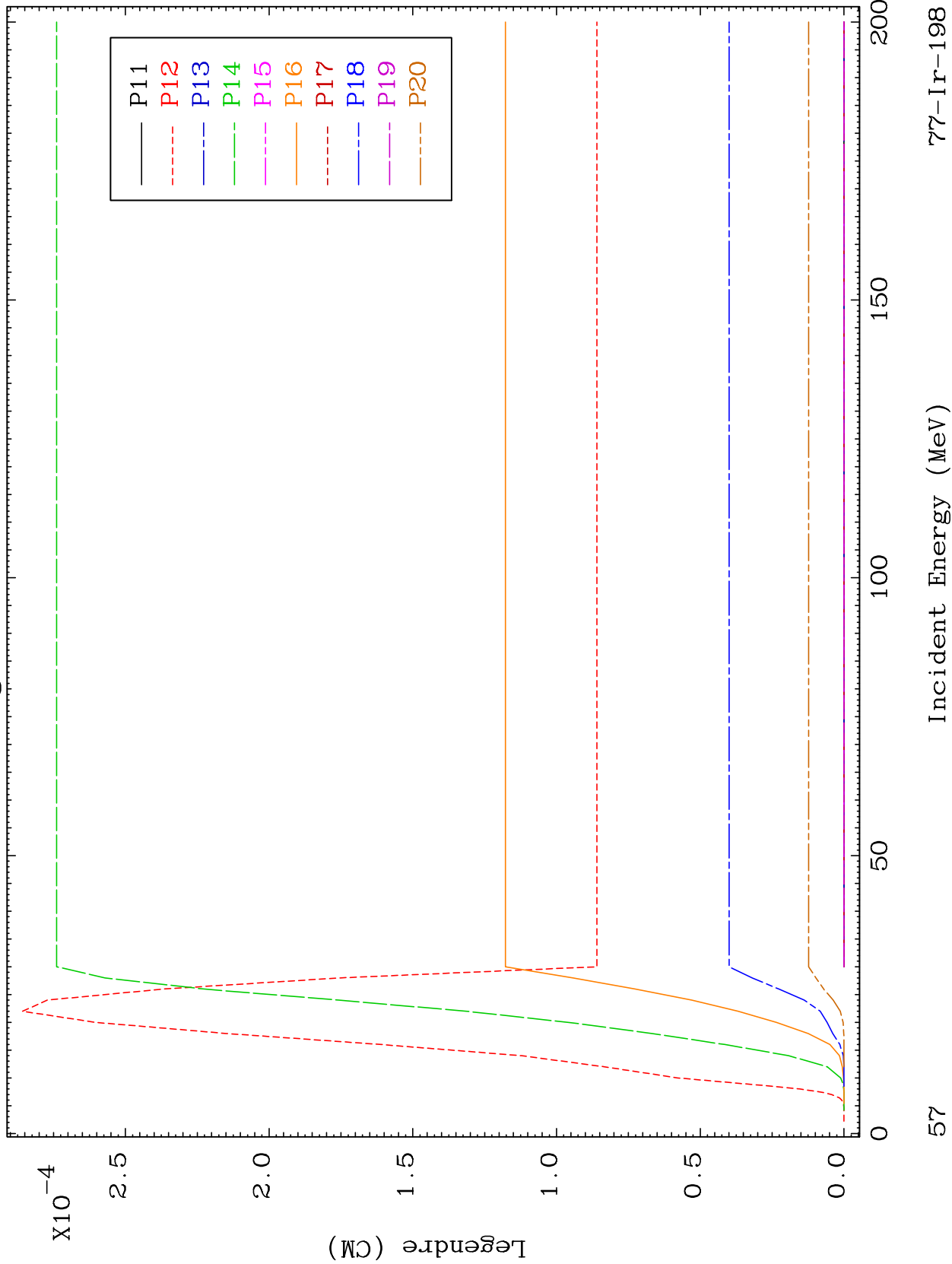


56

MAT 7746

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

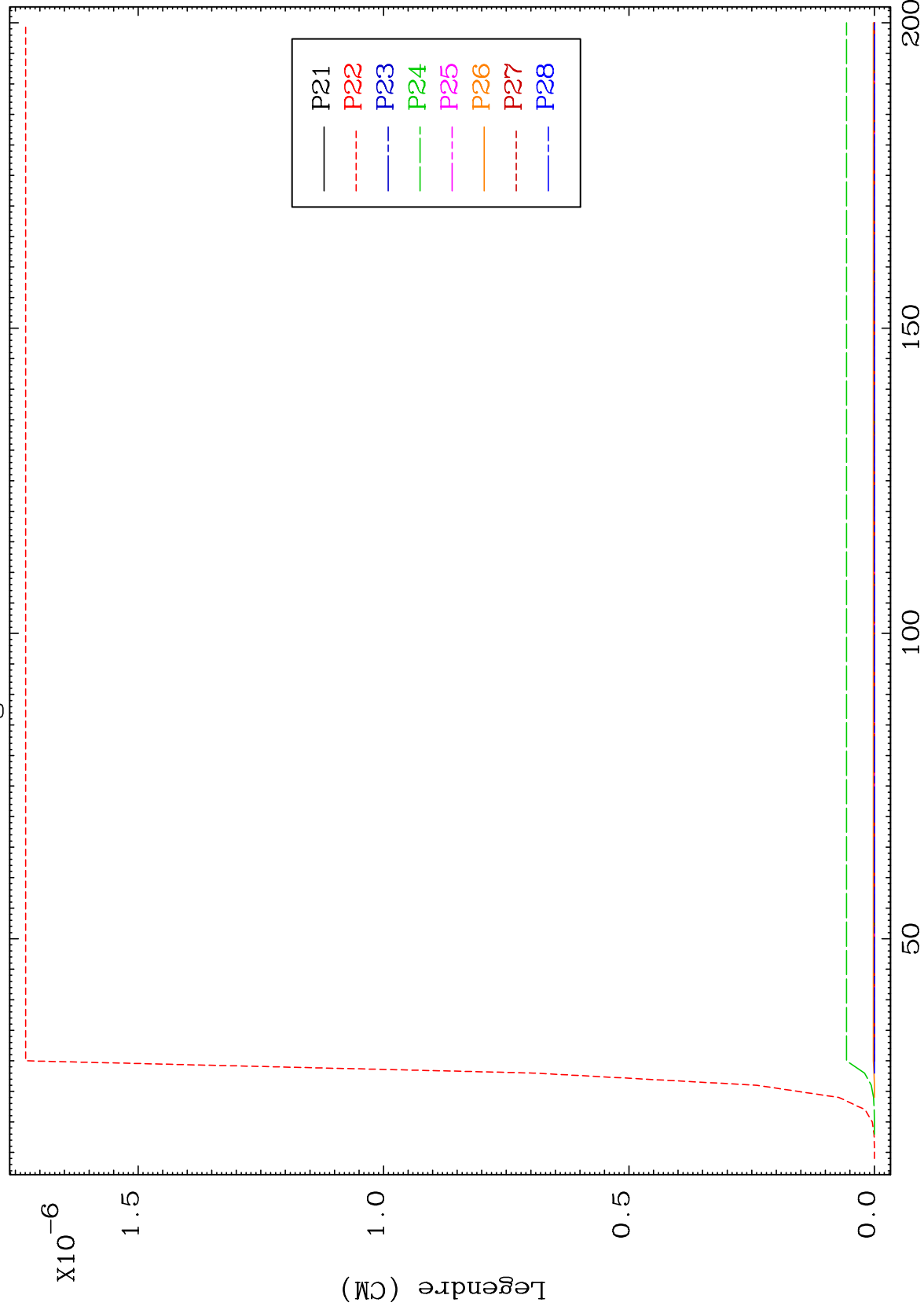
77-Ir-198



MAT 7746

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

77-Ir-198



77-Ir-198

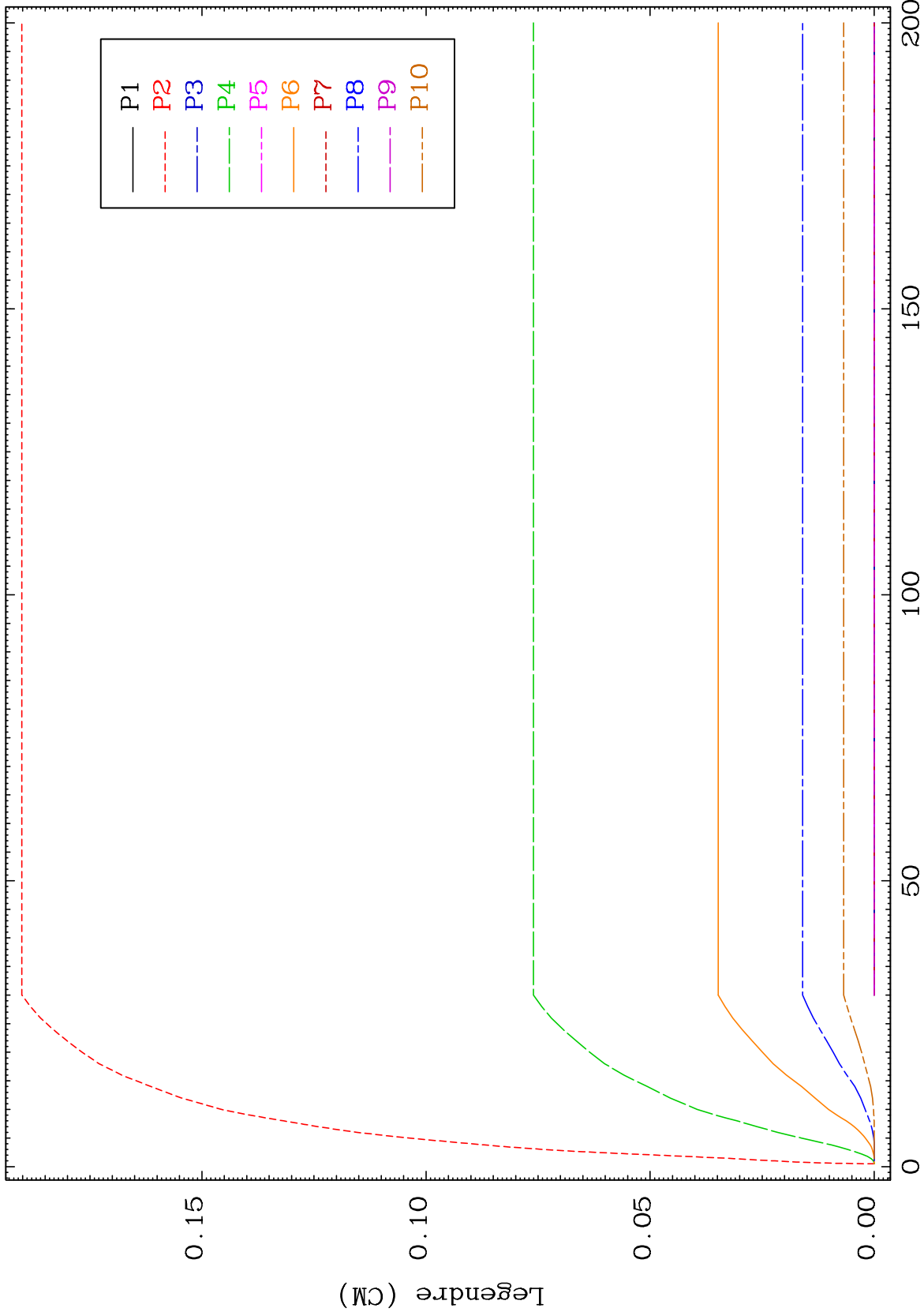
Incident Energy (MeV)

58

MAT 7746

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

77-Ir-198



59

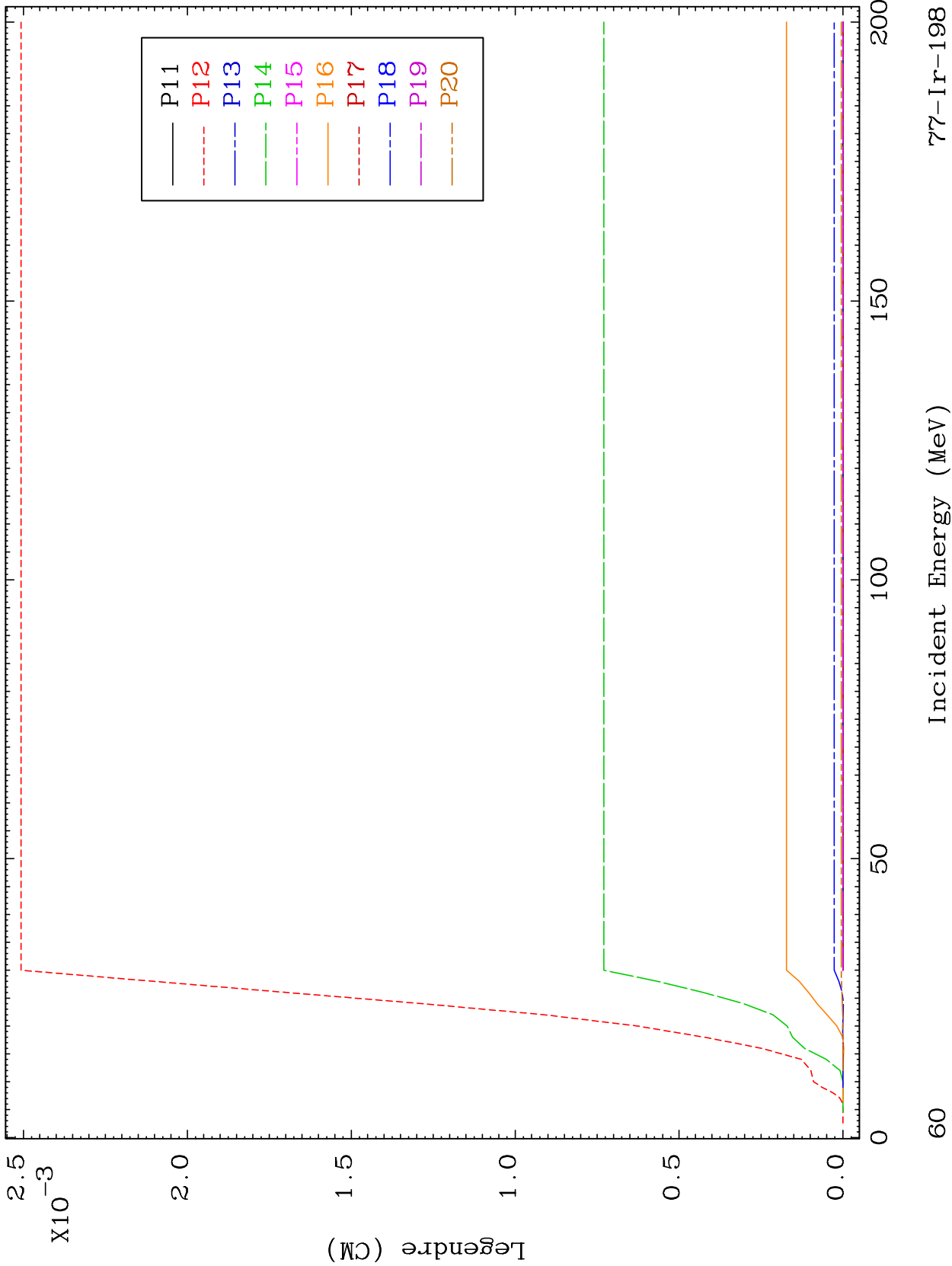
Incident Energy (MeV)

77-Ir-198

MAT 7746

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

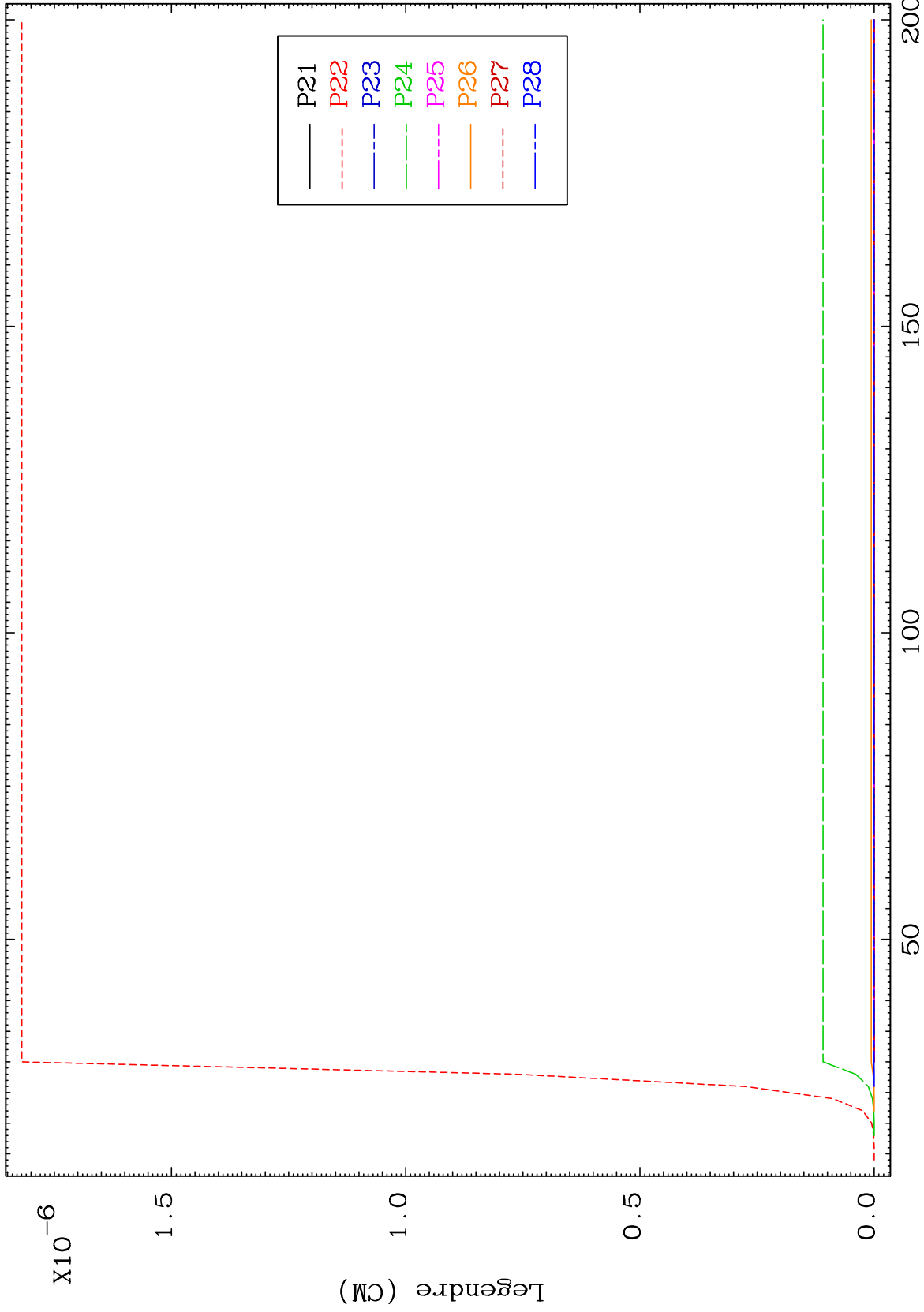
77-Ir-198



MAT 7746

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

77-Ir-198



61

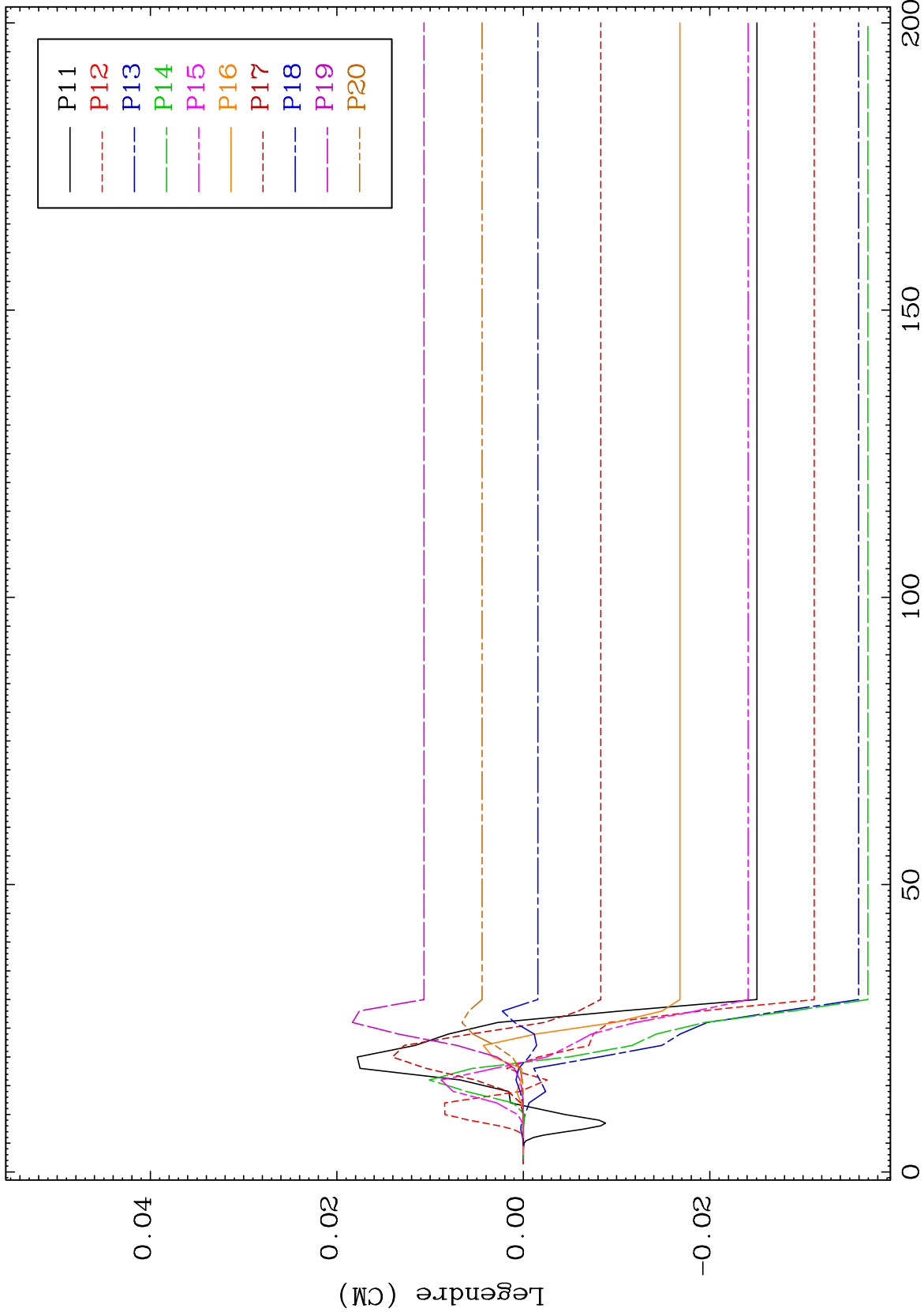
Incident Energy (MeV)

77-Ir-198

MAT 7746

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

77-Ir-198



63

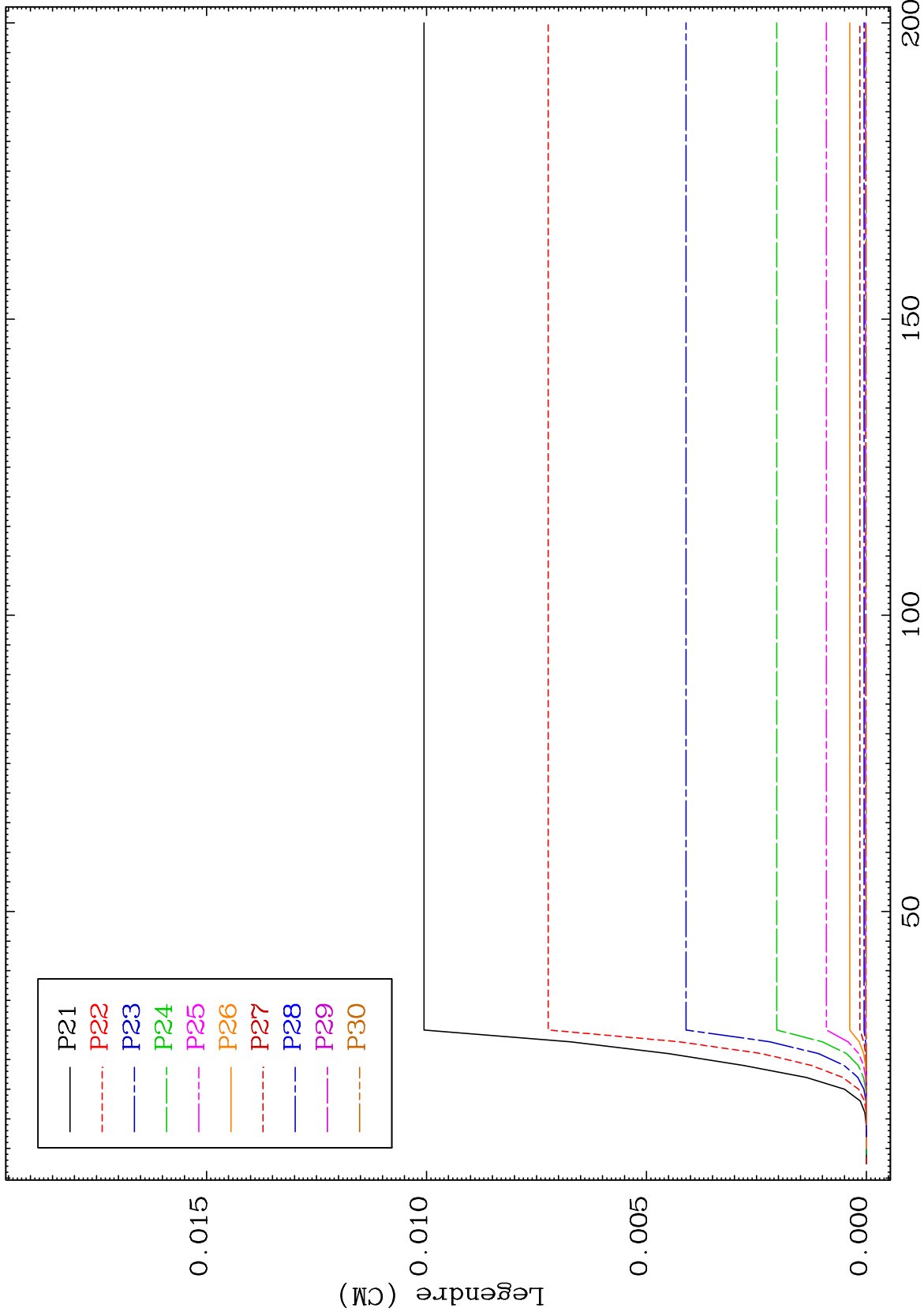
Incident Energy (MeV)

77-Ir-198

MAT 7746

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

77-Ir-198



64

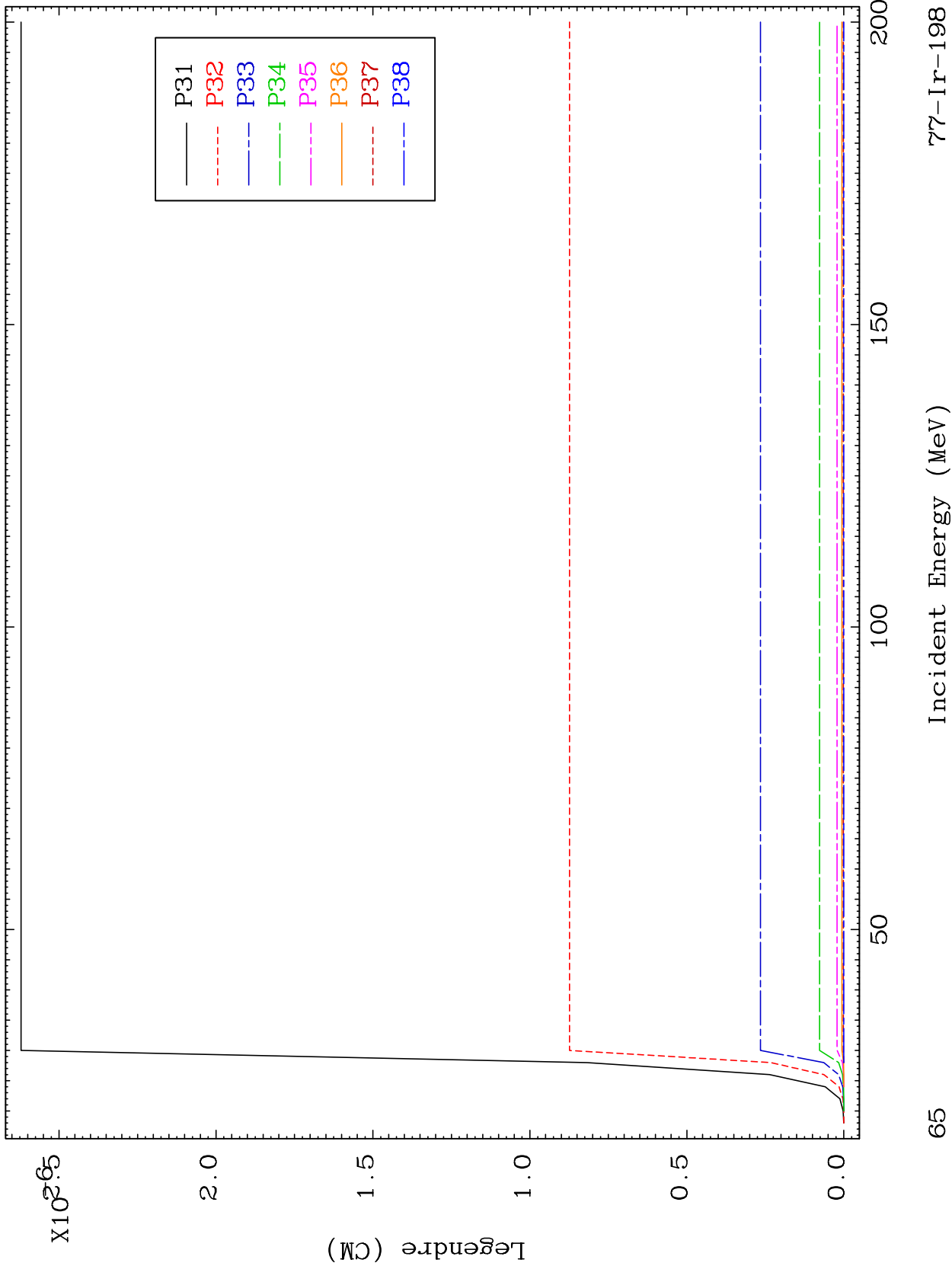
Incident Energy (MeV)

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MAT 7746

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

77-Ir-198



65

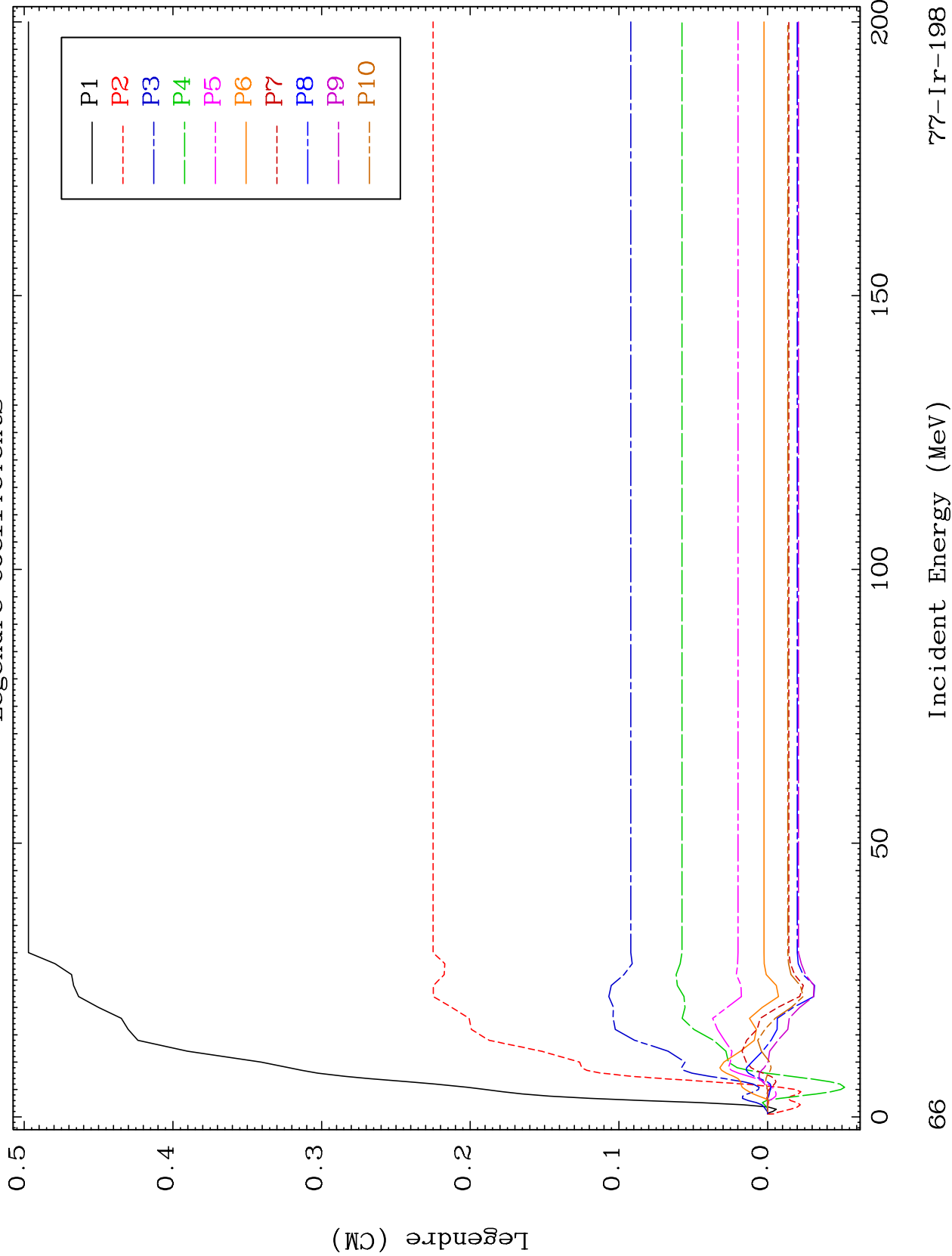
Incident Energy (MeV)

77-Ir-198

MAT 7746

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

77-Ir-198



66

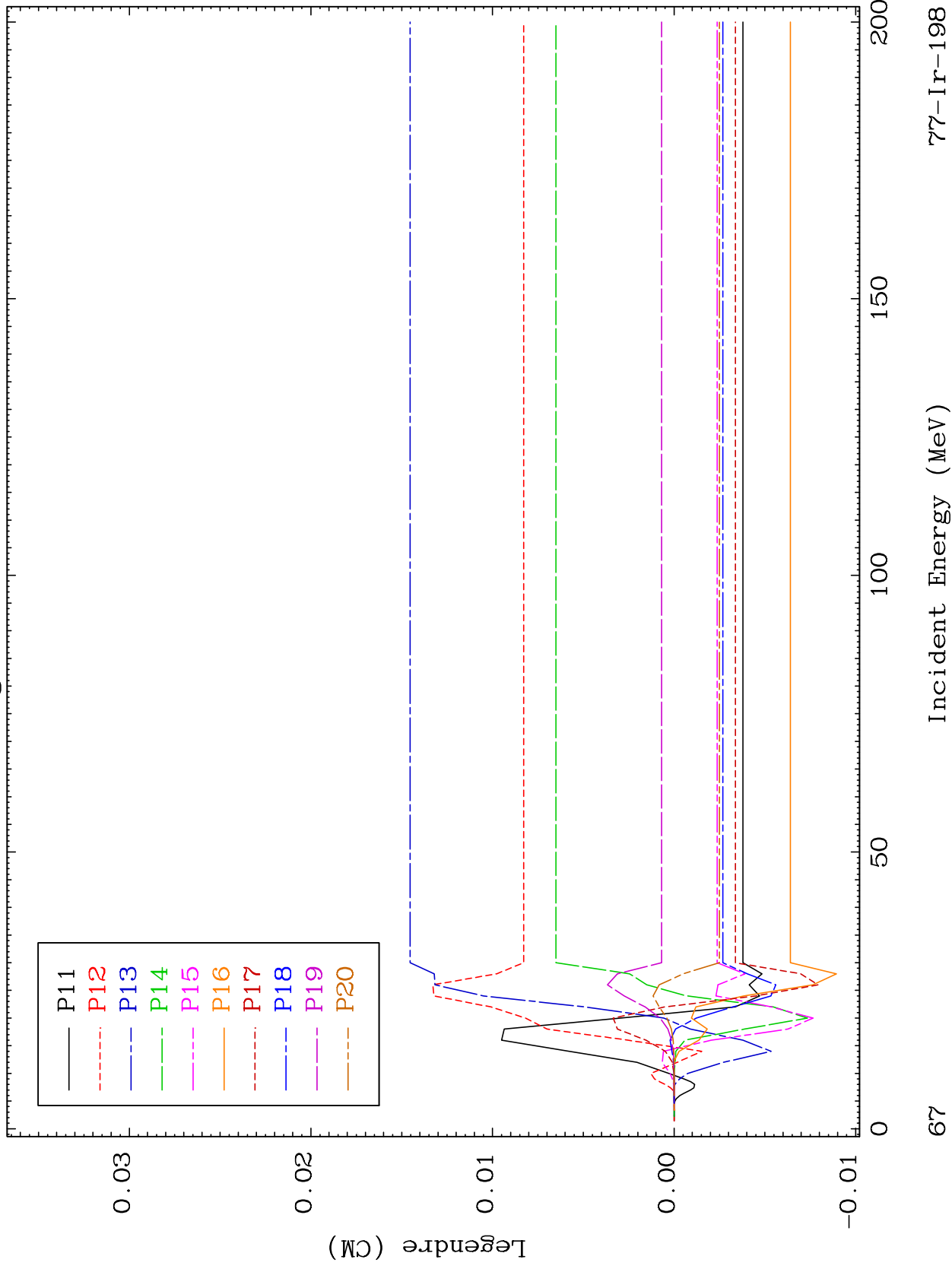
Incident Energy (MeV)

77-Ir-198

MAT 7746

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

77-Ir-198



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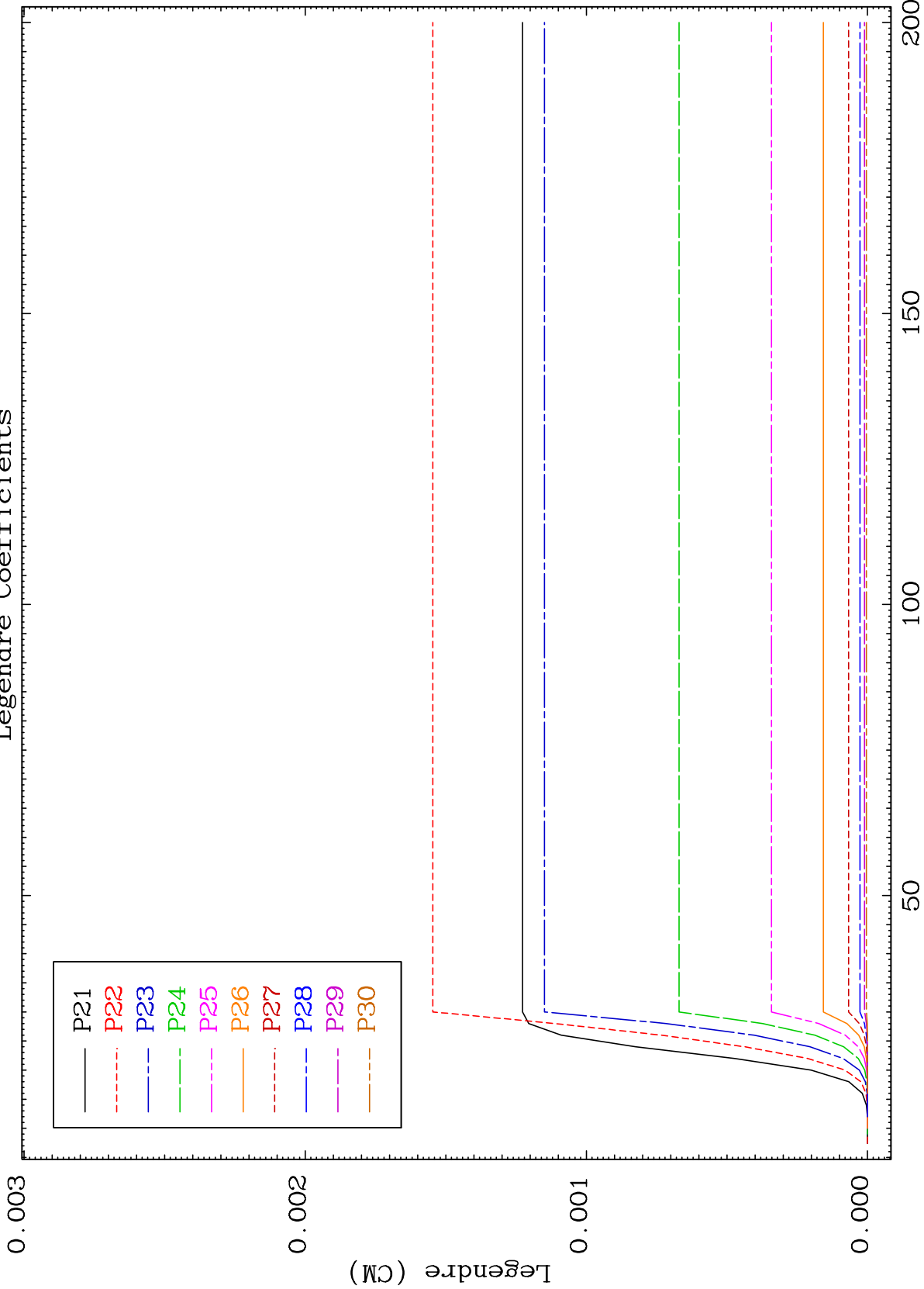
Incident Energy (MeV)

77-Ir-198

MAT 7746

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

77-Ir-198



68

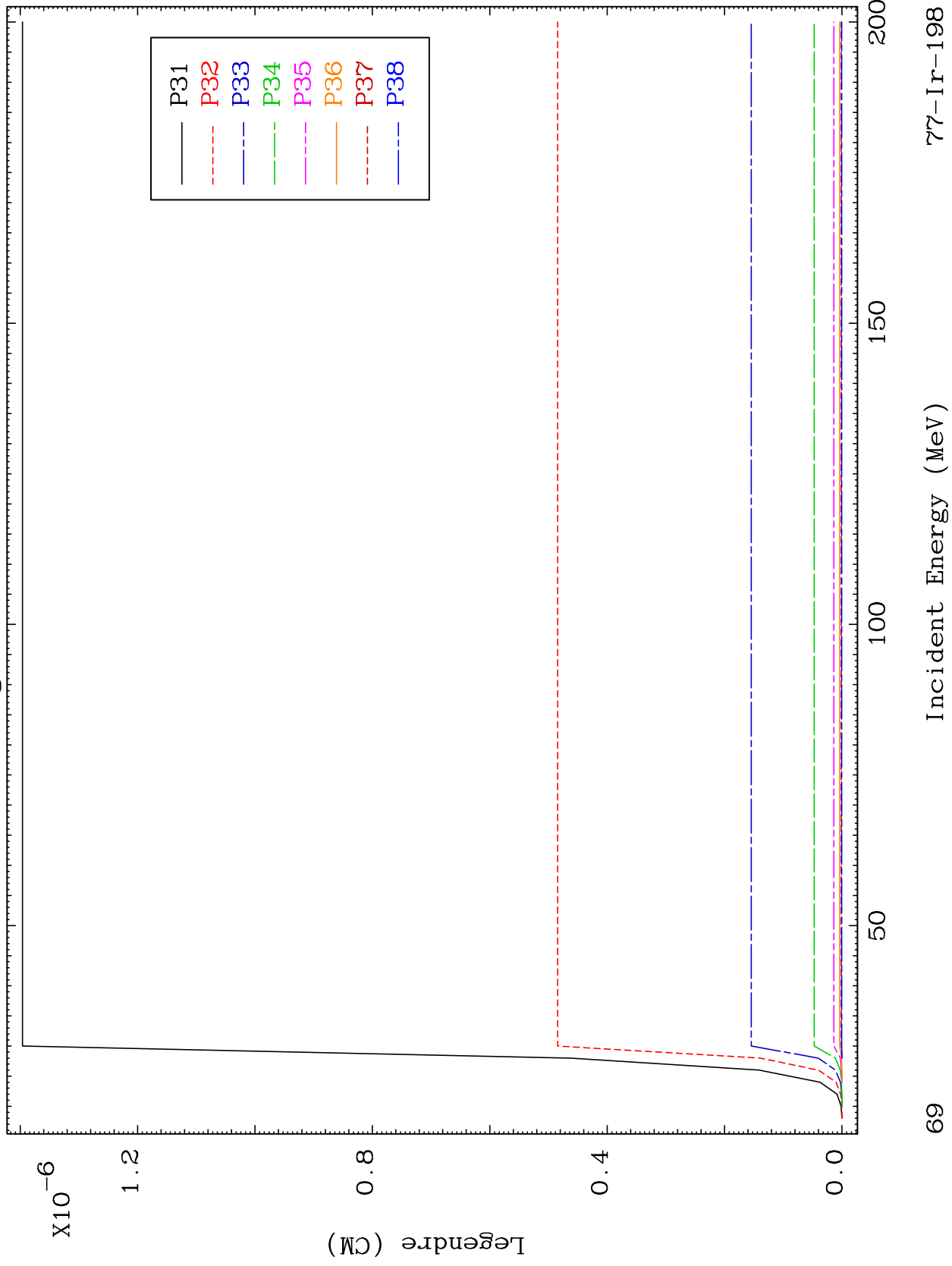
Incident Energy (MeV)

77-Ir-198

MAT 7746

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

77-Ir-198

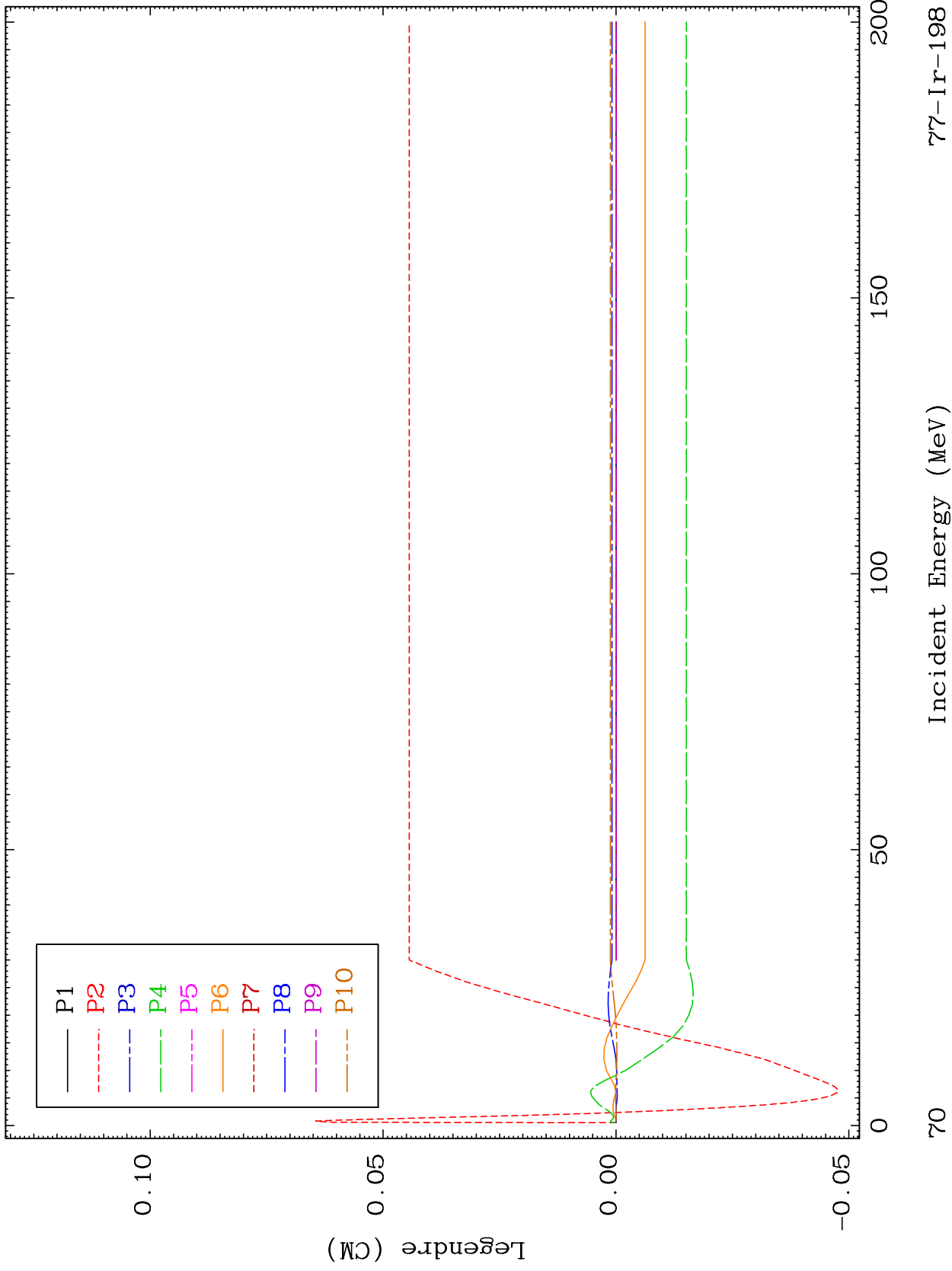


69

MAT 7746

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

77-Ir-198



77-Ir-198

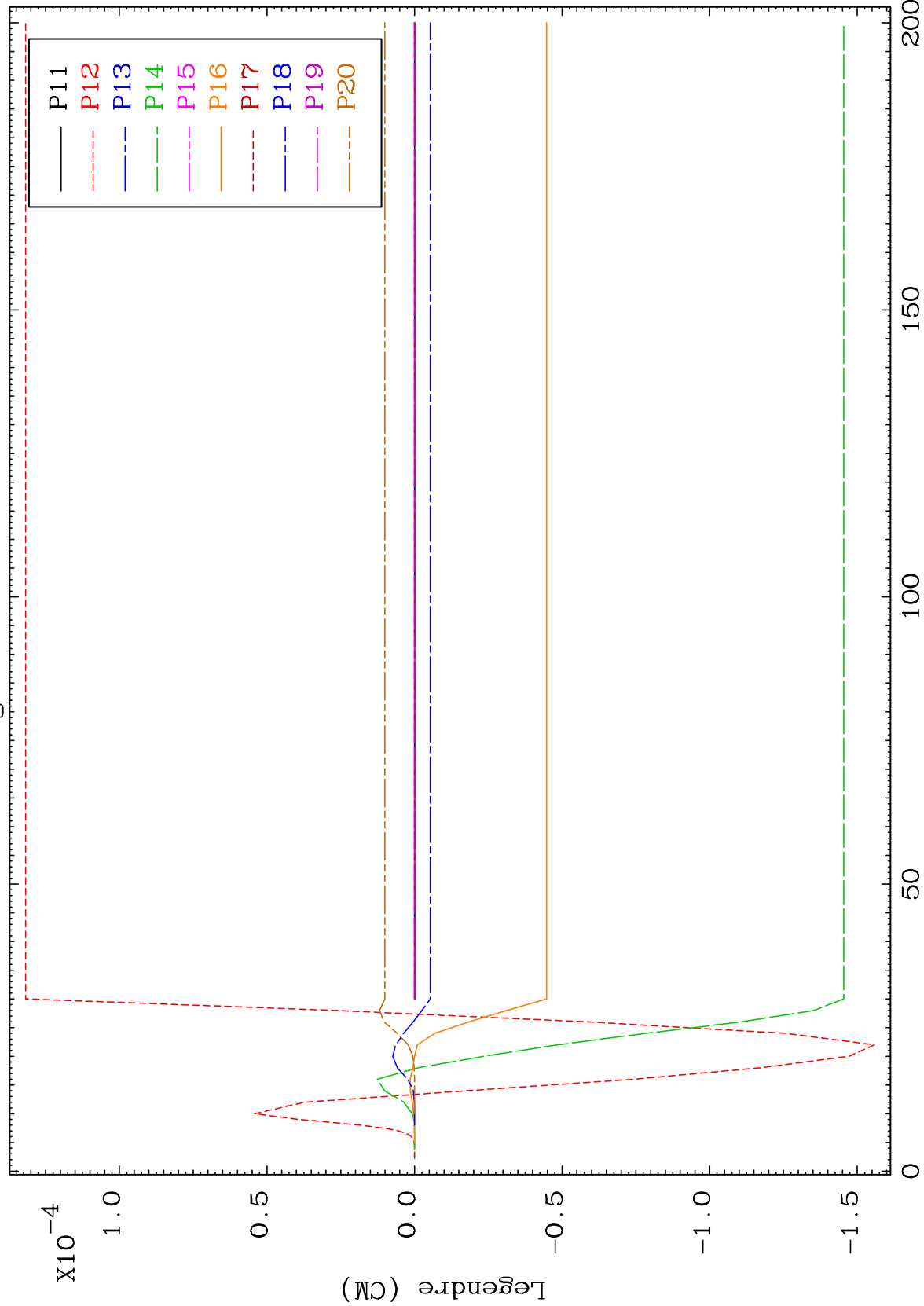
Incident Energy (MeV)

70

MAT 7746

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

77-Ir-198



71

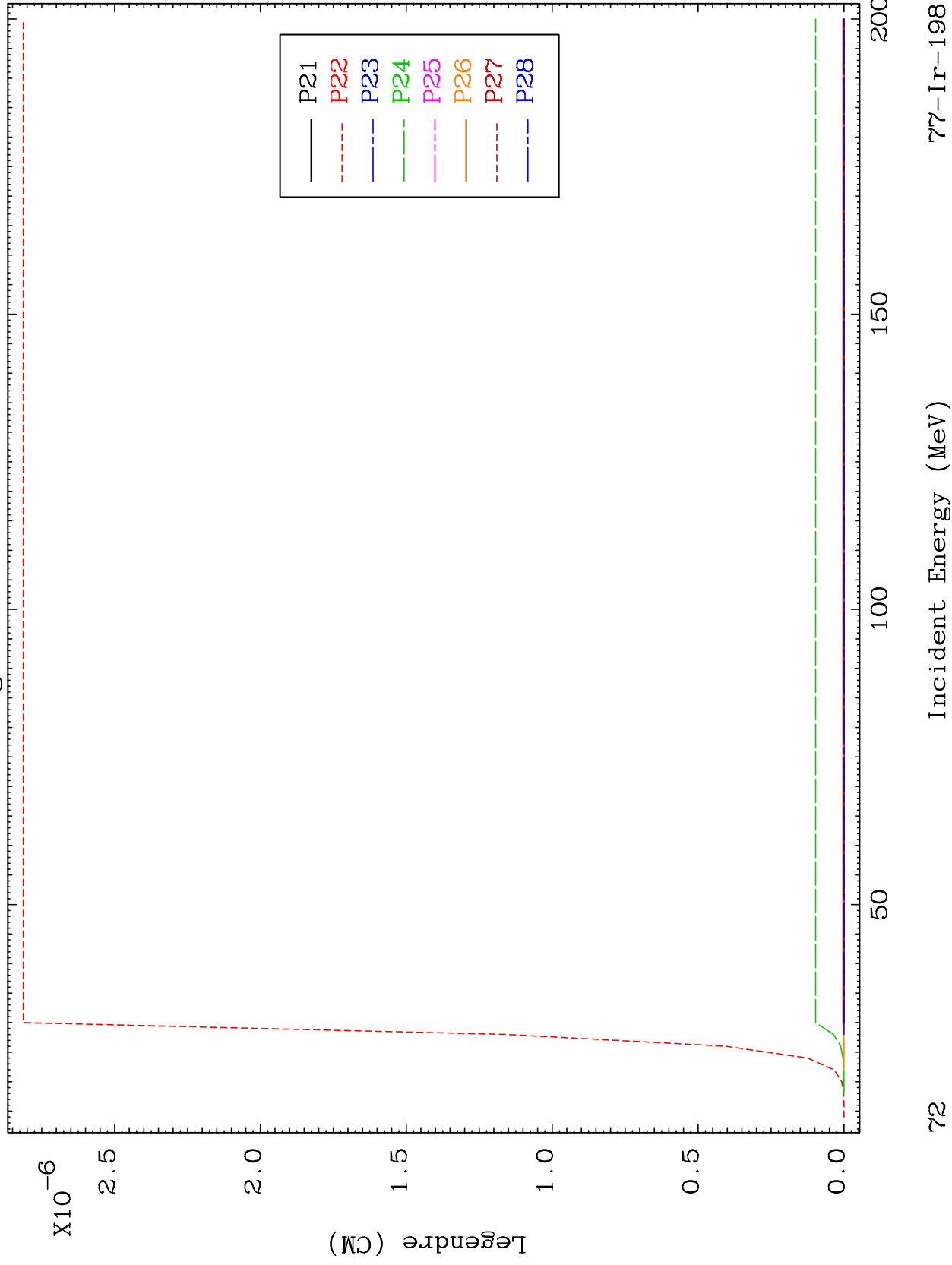
Incident Energy (MeV)

77-Ir-198

MAT 7746

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

77-Ir-198



77-Ir-198

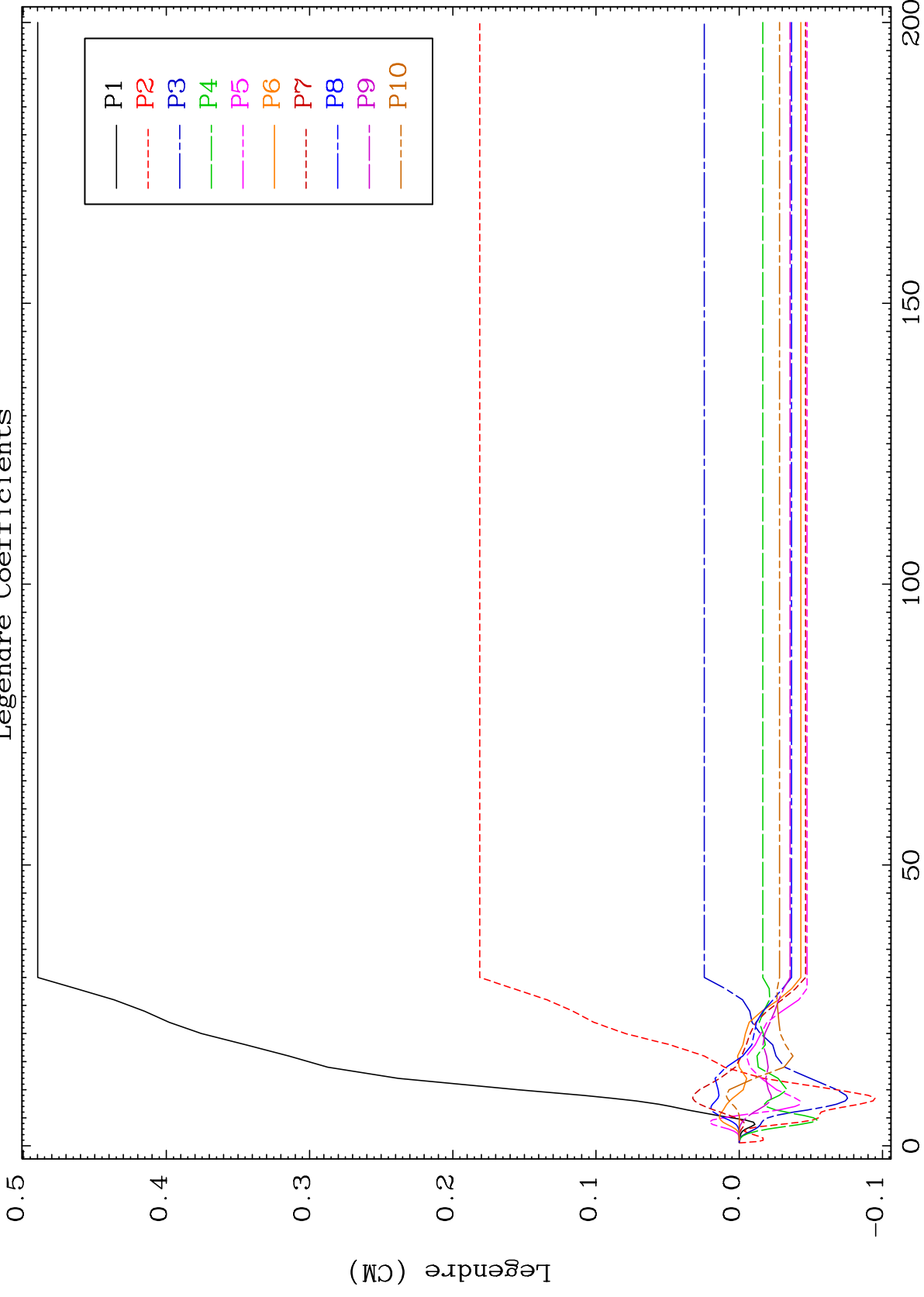
Incident Energy (MeV)

72

MAT 7746

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

77-Ir-198



77-Ir-198

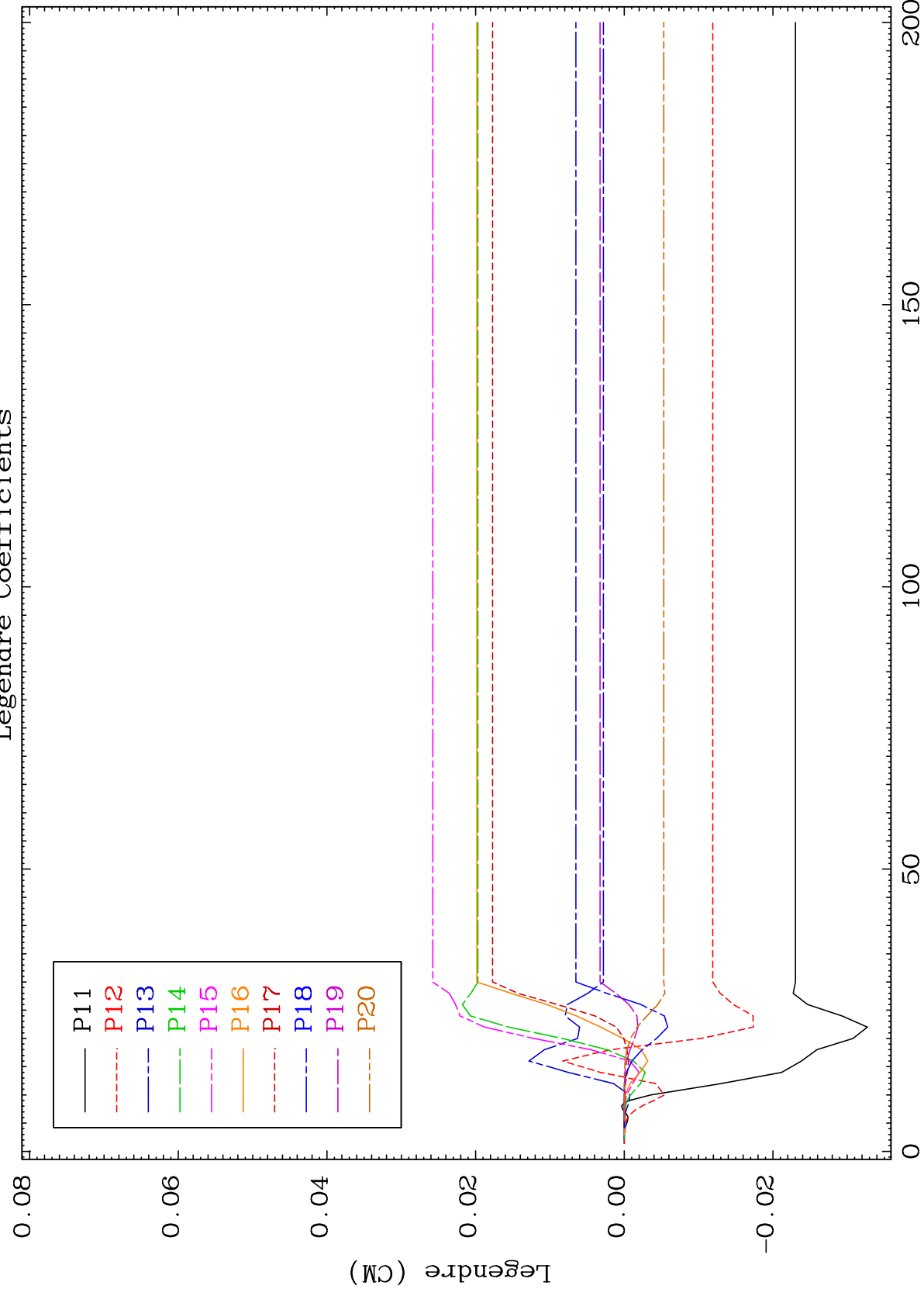
Incident Energy (MeV)

73

MAT 7746

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

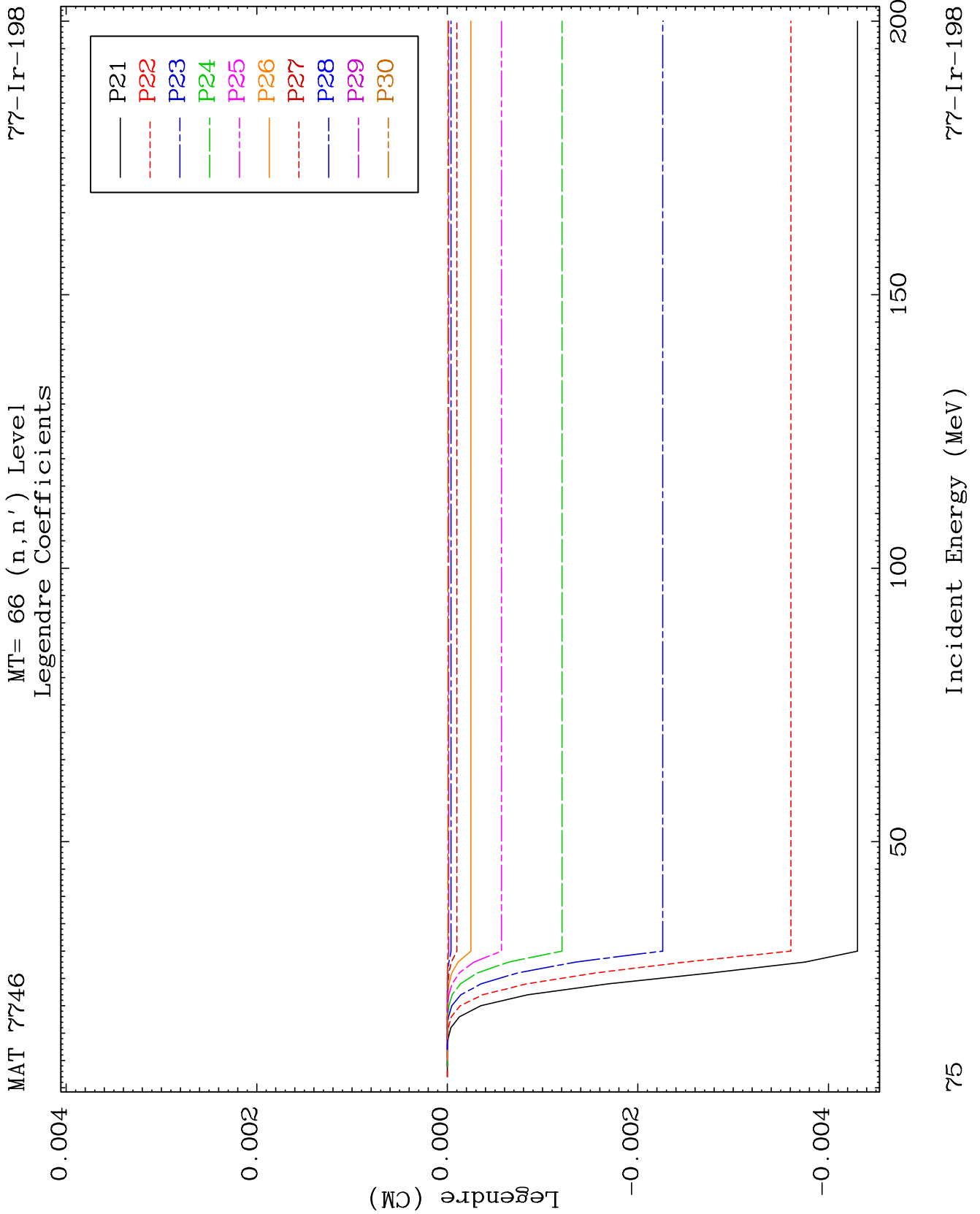
77-Ir-198

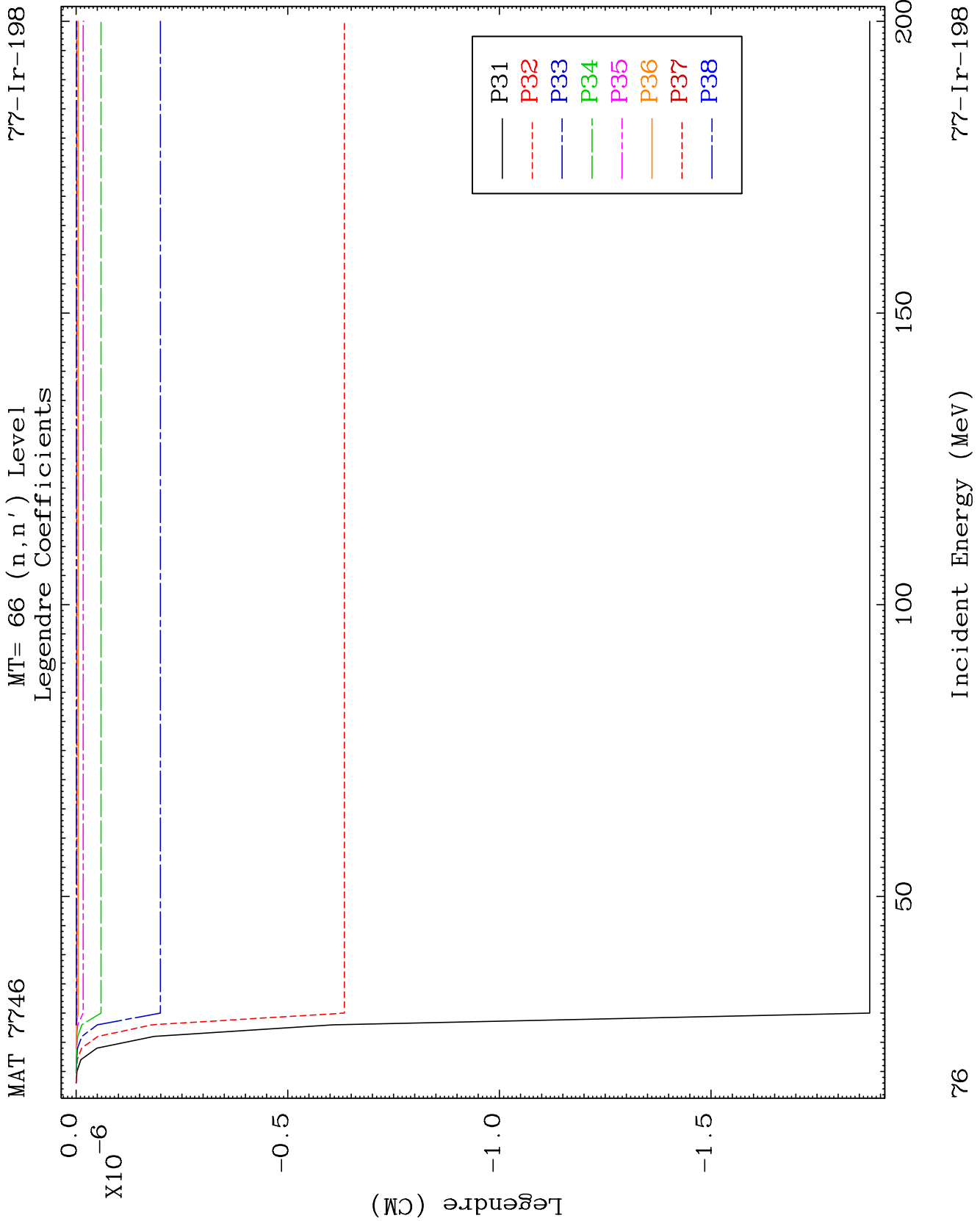


74

Incident Energy (MeV)

77-Ir-198

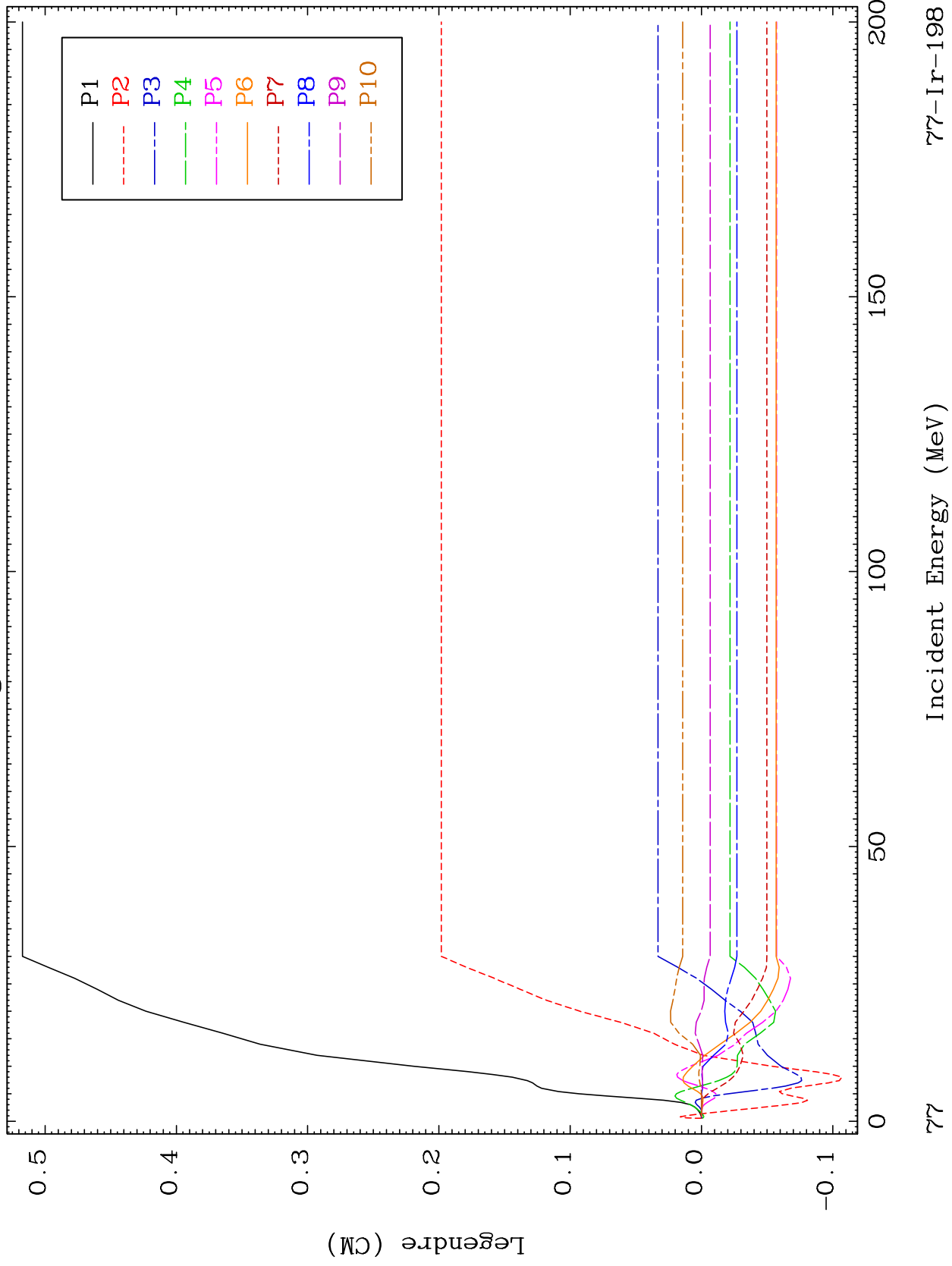




MAT 7746

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

77-Ir-198



77

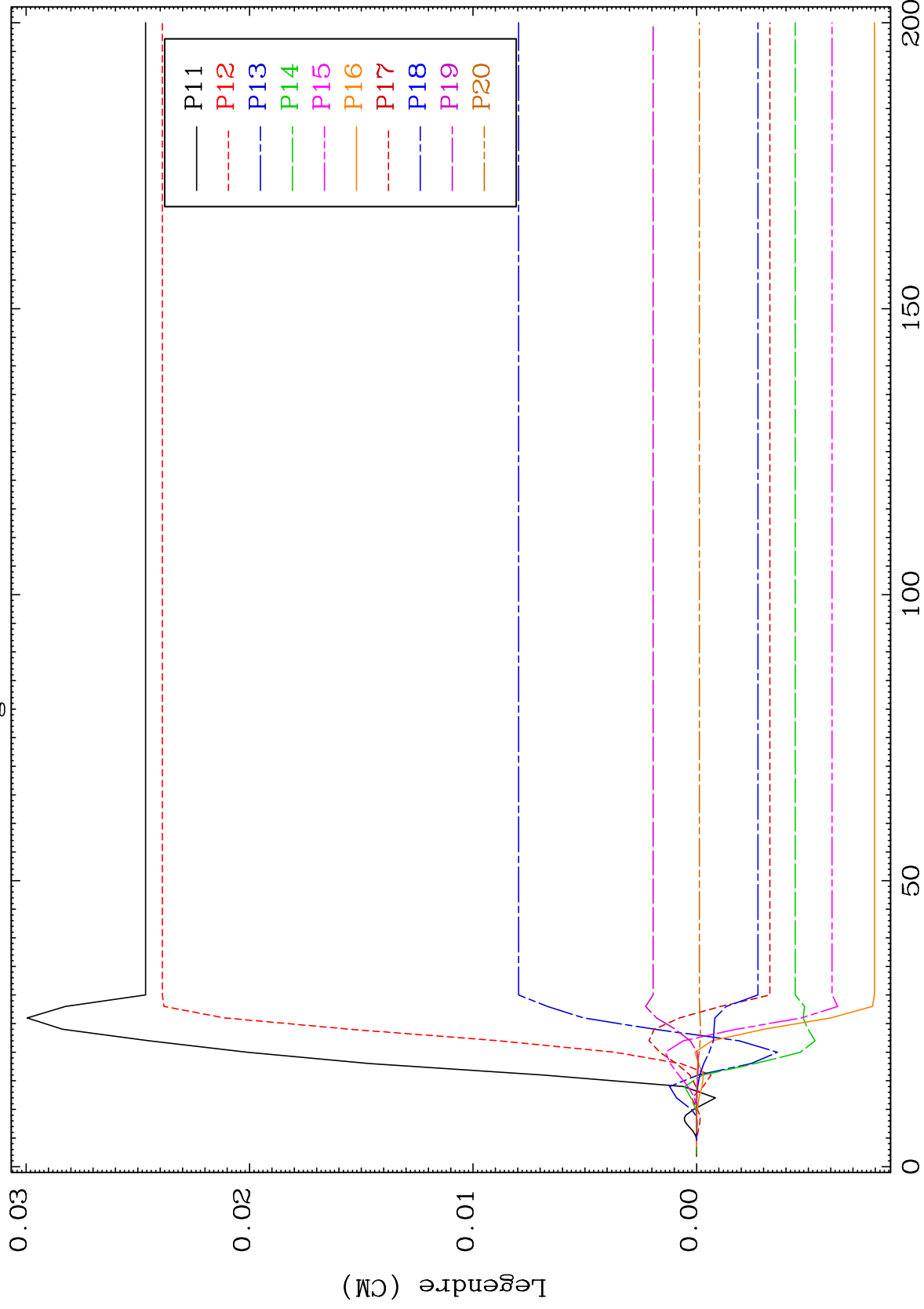
Incident Energy (MeV)

77-Ir-198

MAT 7746

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

77-Ir-198



78

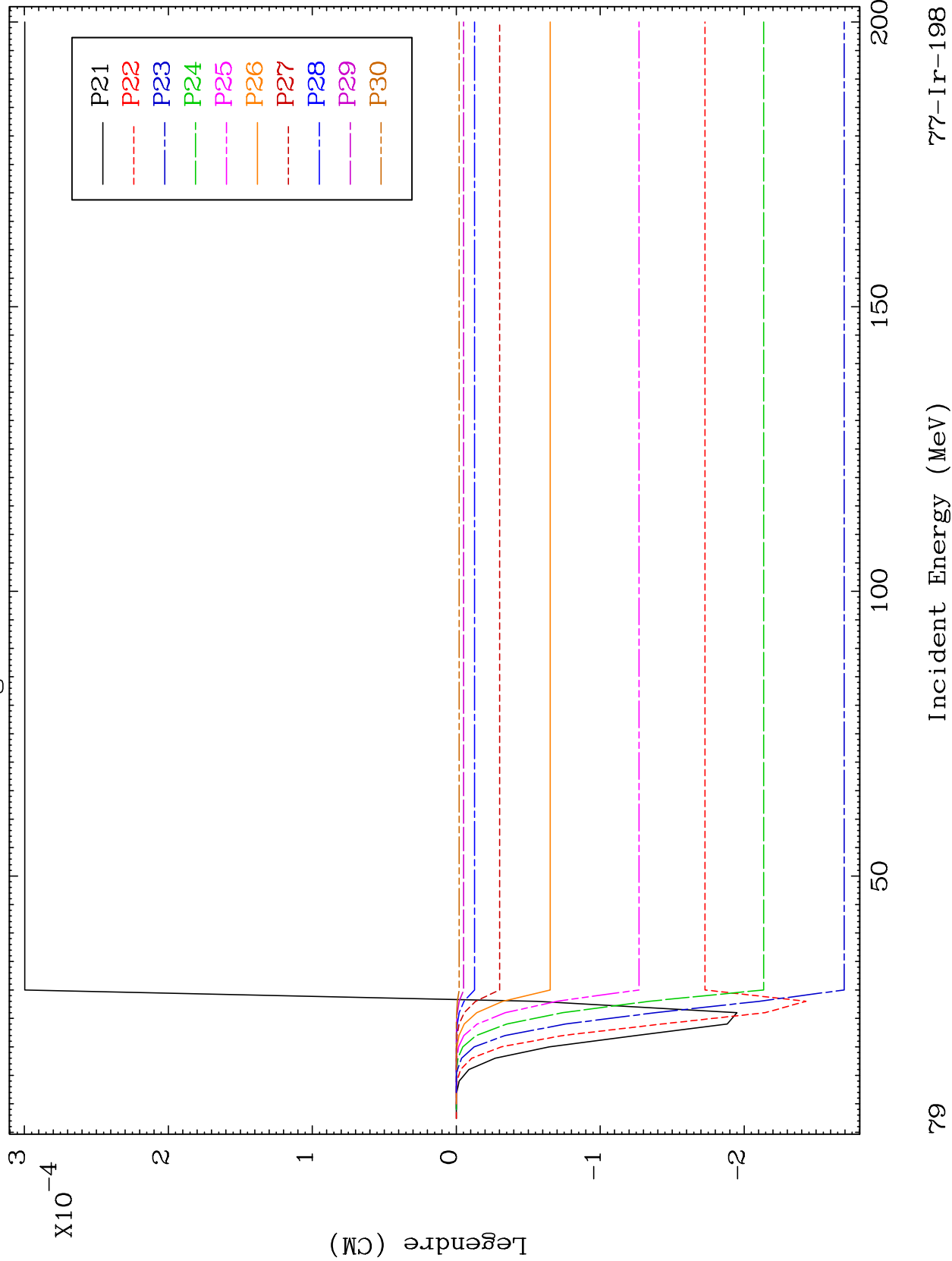
Incident Energy (MeV)

77-Ir-198

MAT 7746

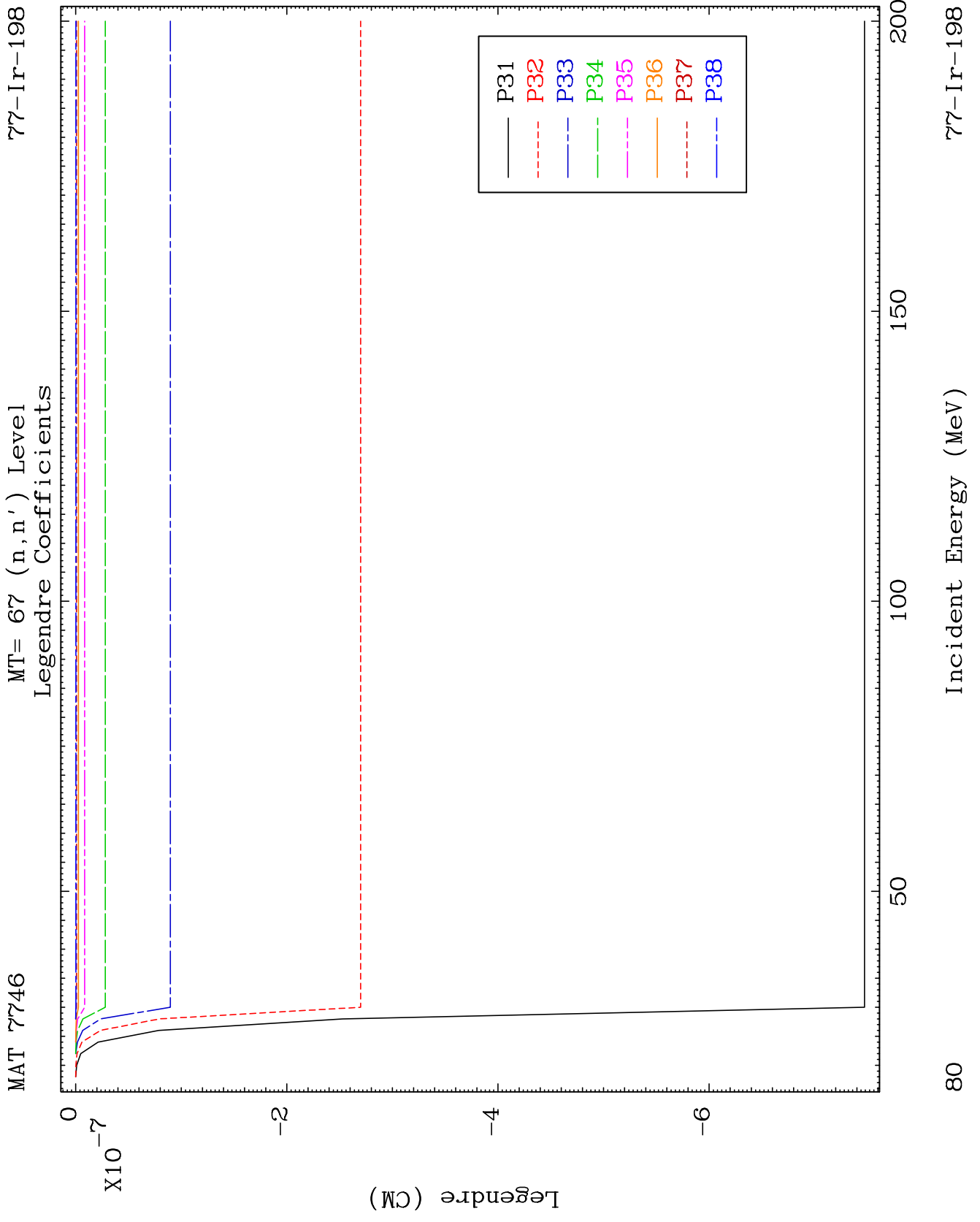
MT= 67 (n,n') Level
Legendre Coefficients

77-Ir-198



79

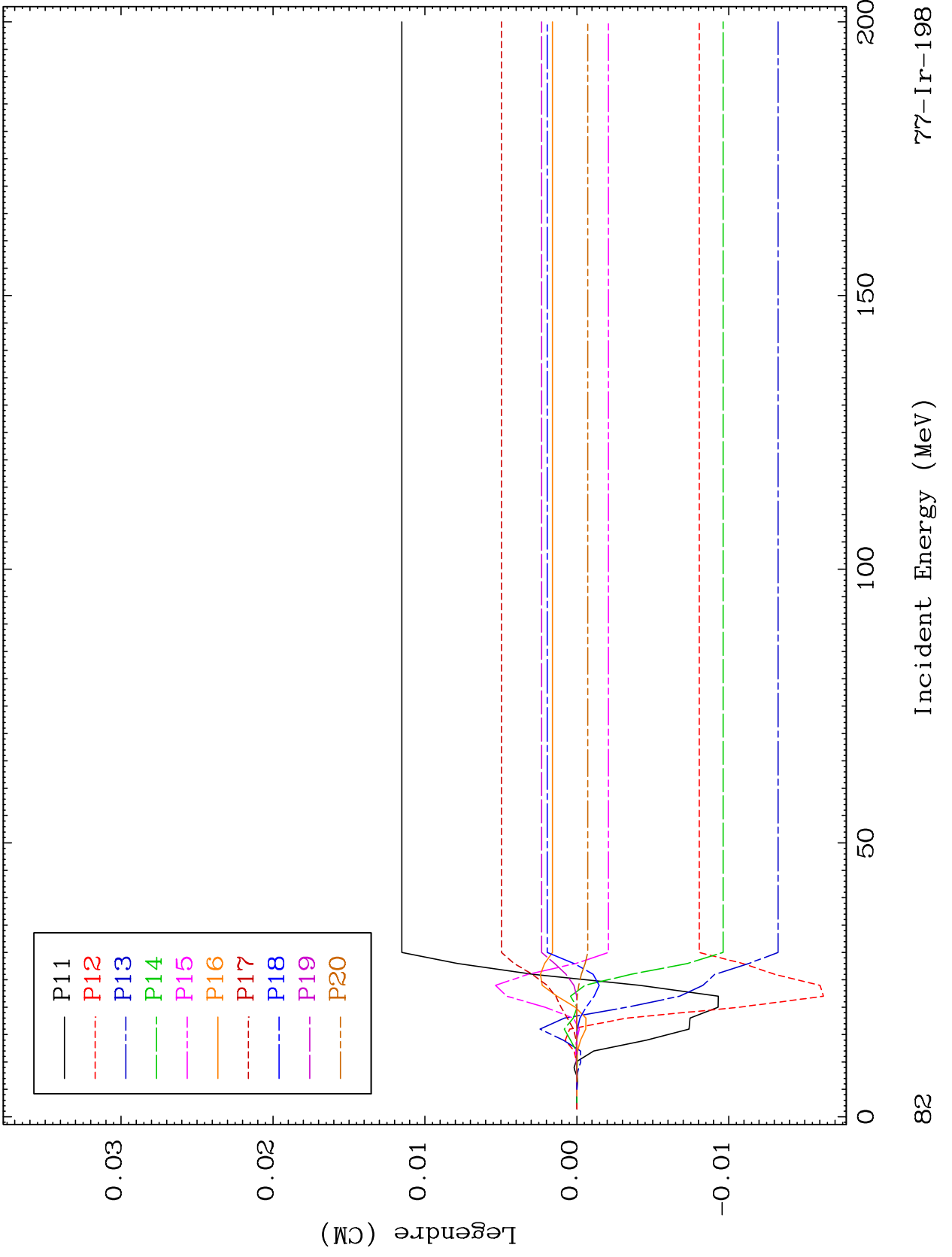
77-Ir-198

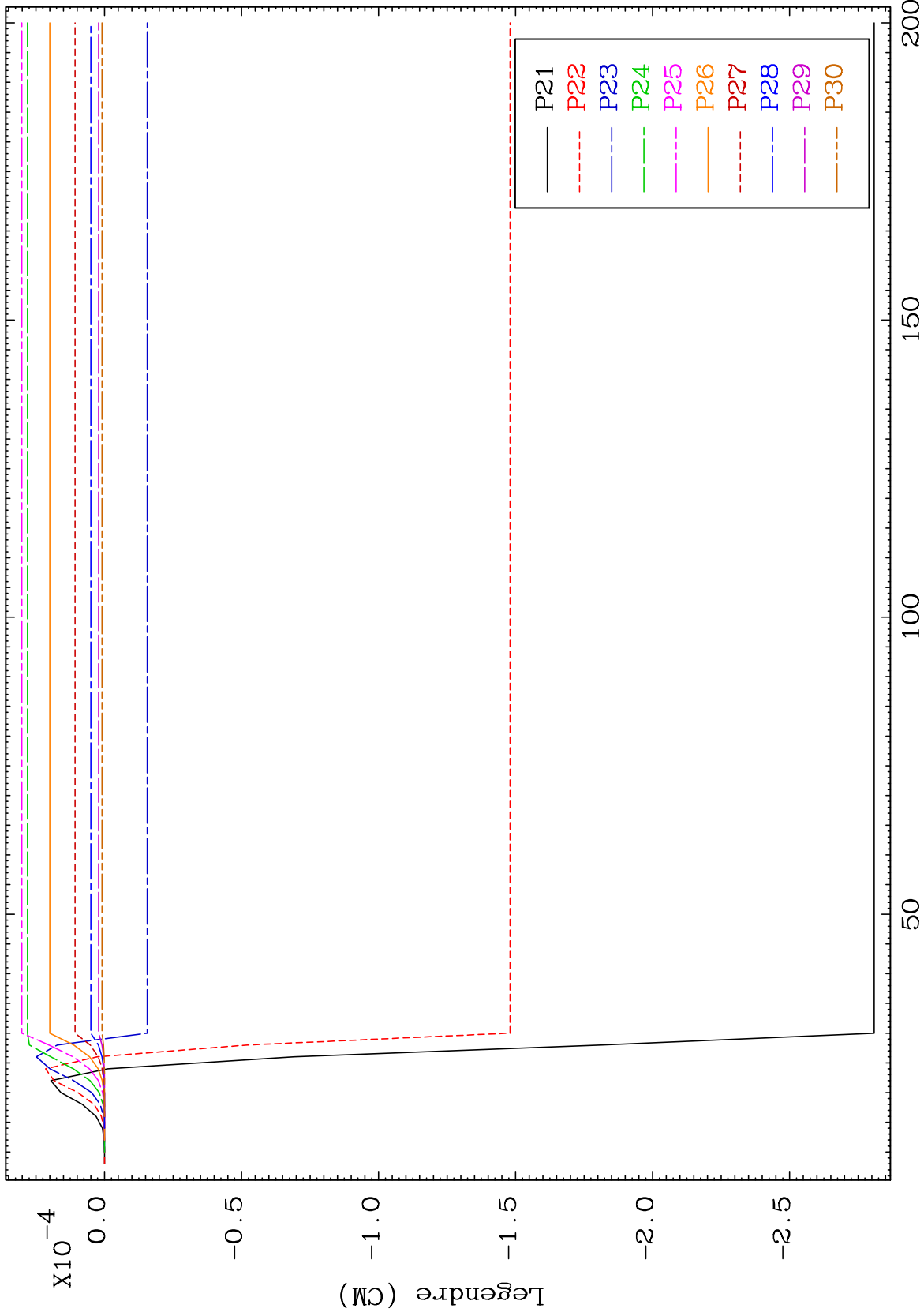


MAT 7746

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

77-Ir-198

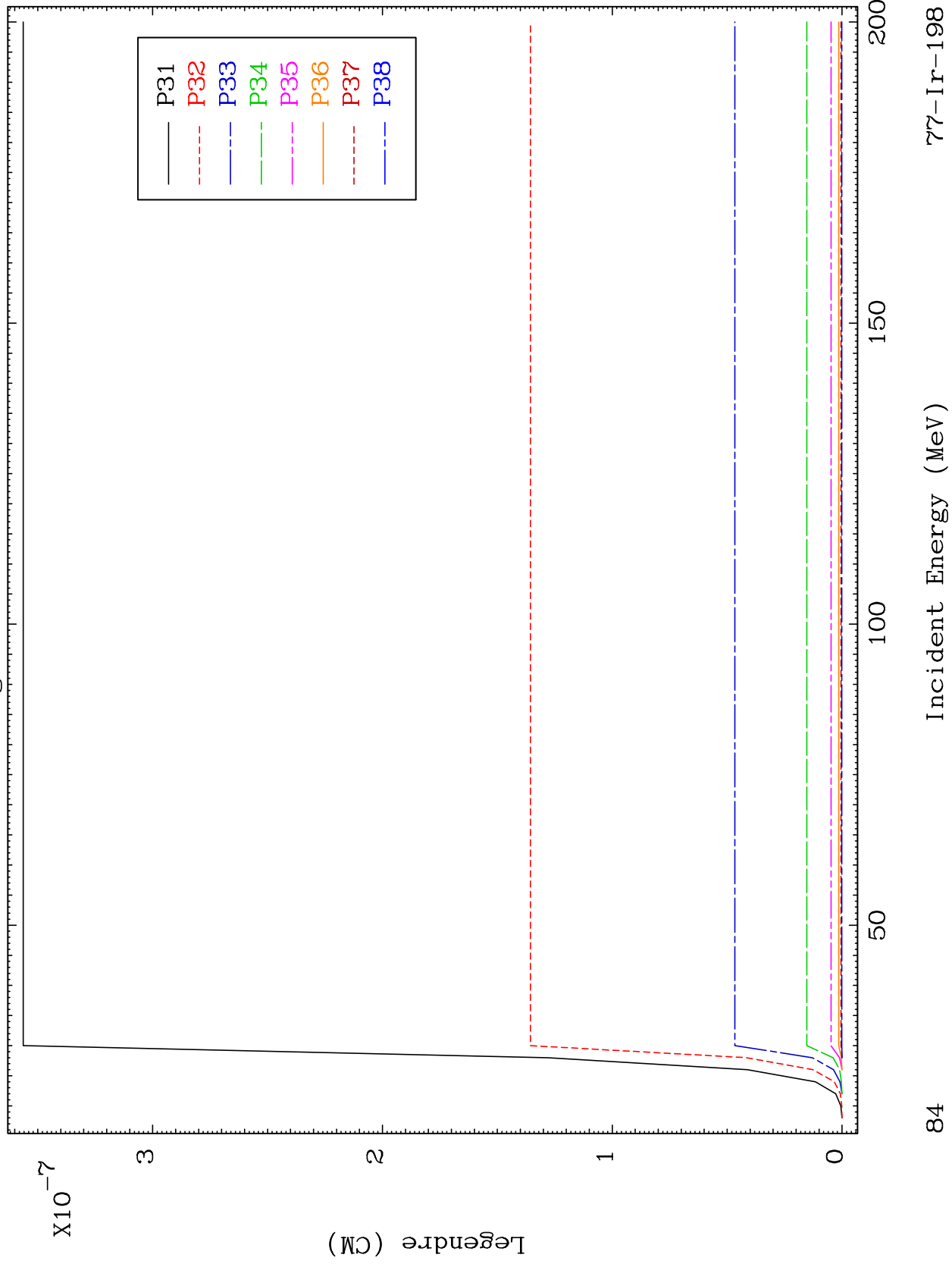




MAT 7746

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

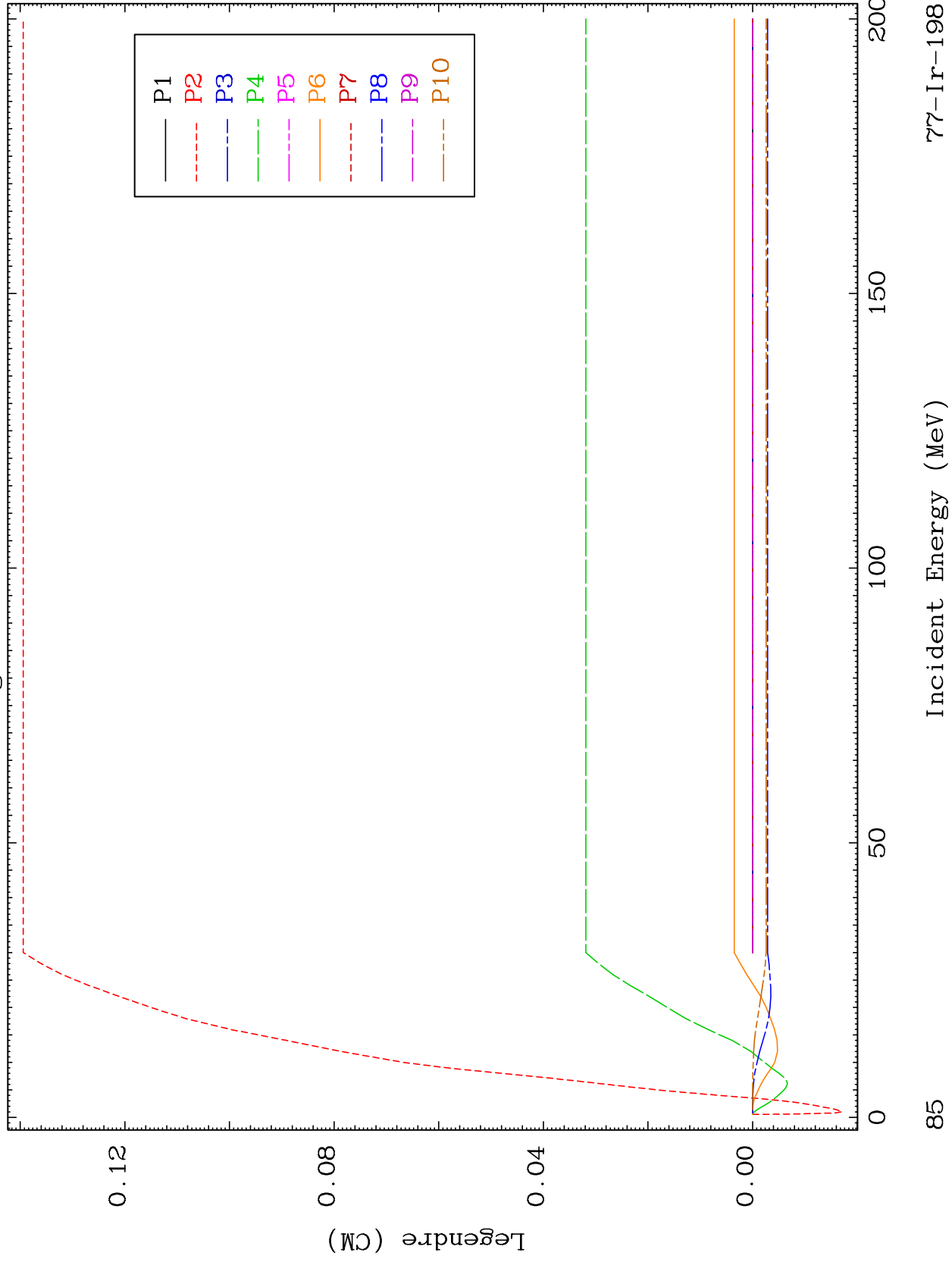
77-Ir-198



MAT 7746

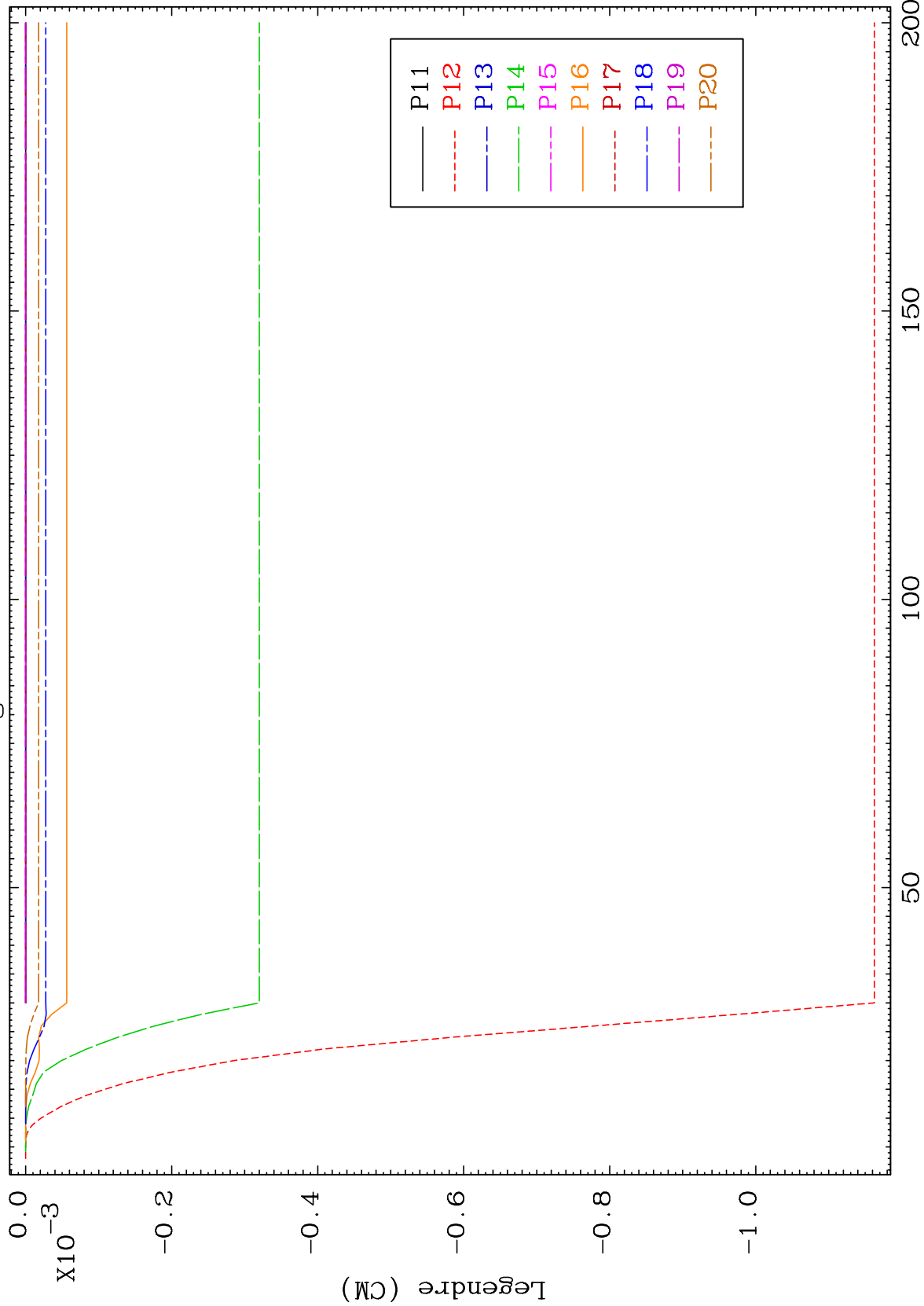
MT= 69 (n,n') Level
Legendre Coefficients

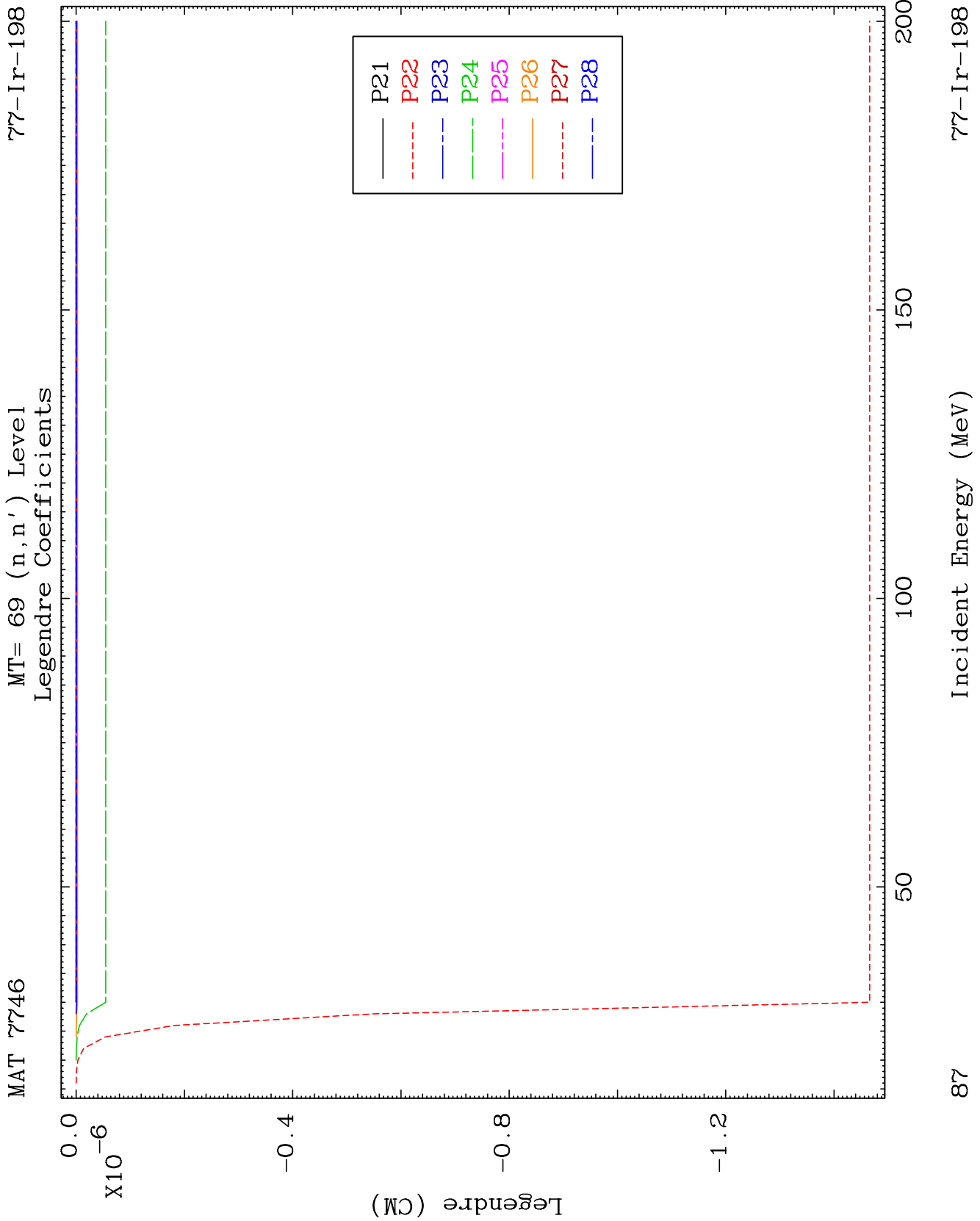
77-Ir-198



85

77-Ir-198

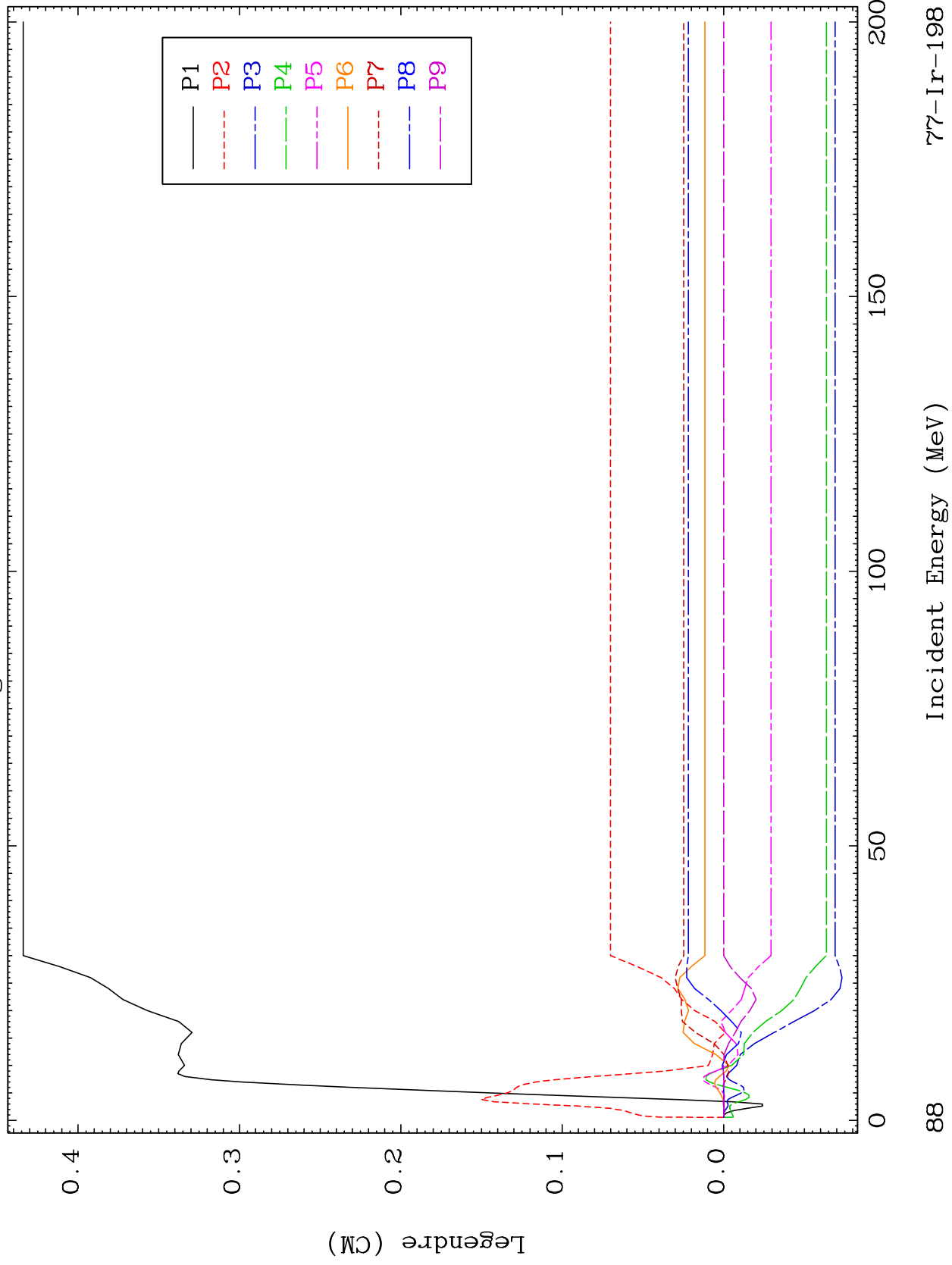




MAT 7746

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

77-Ir-198



77-Ir-198

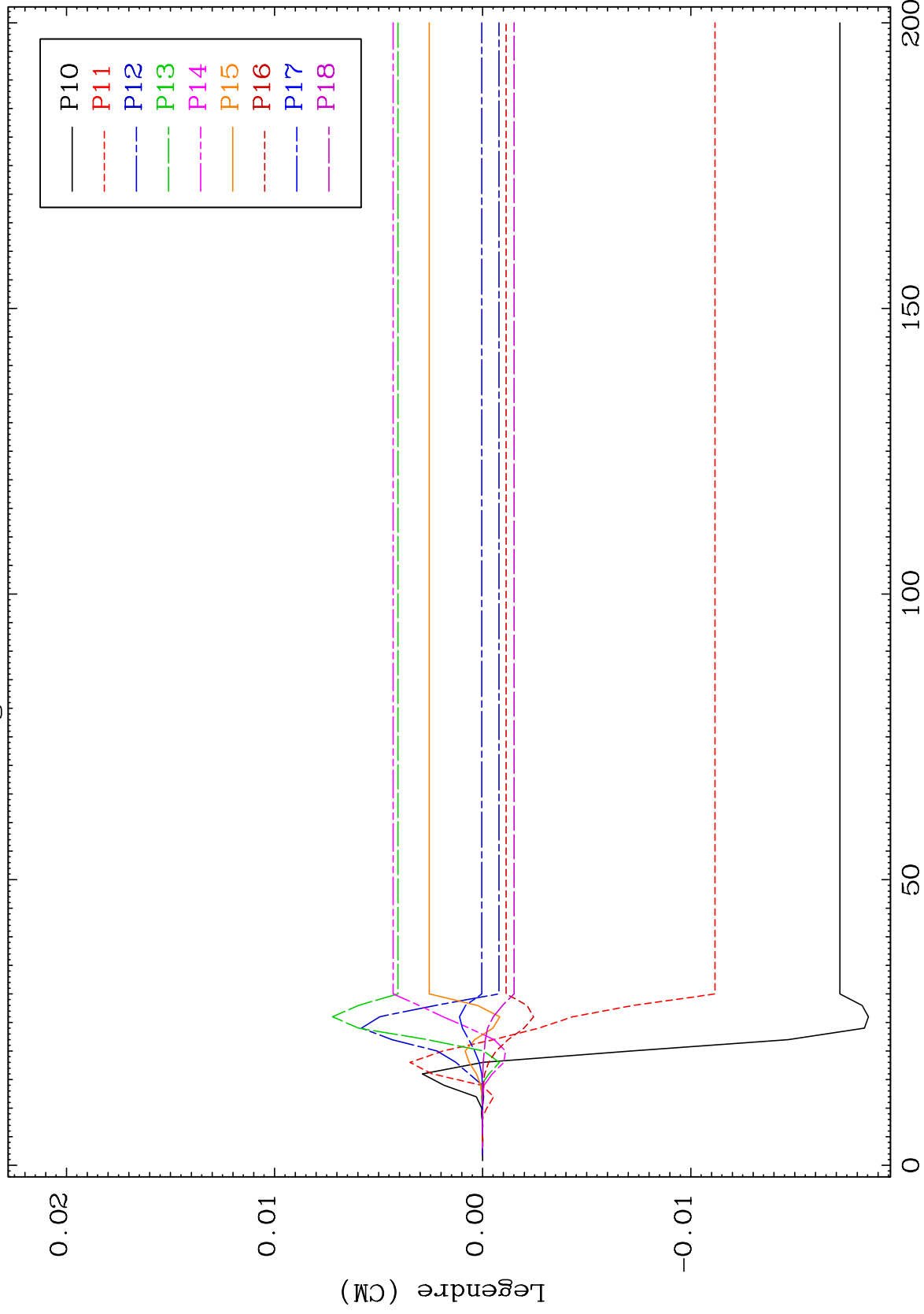
Incident Energy (MeV)

88

MAT 7746

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

77-Ir-198



89

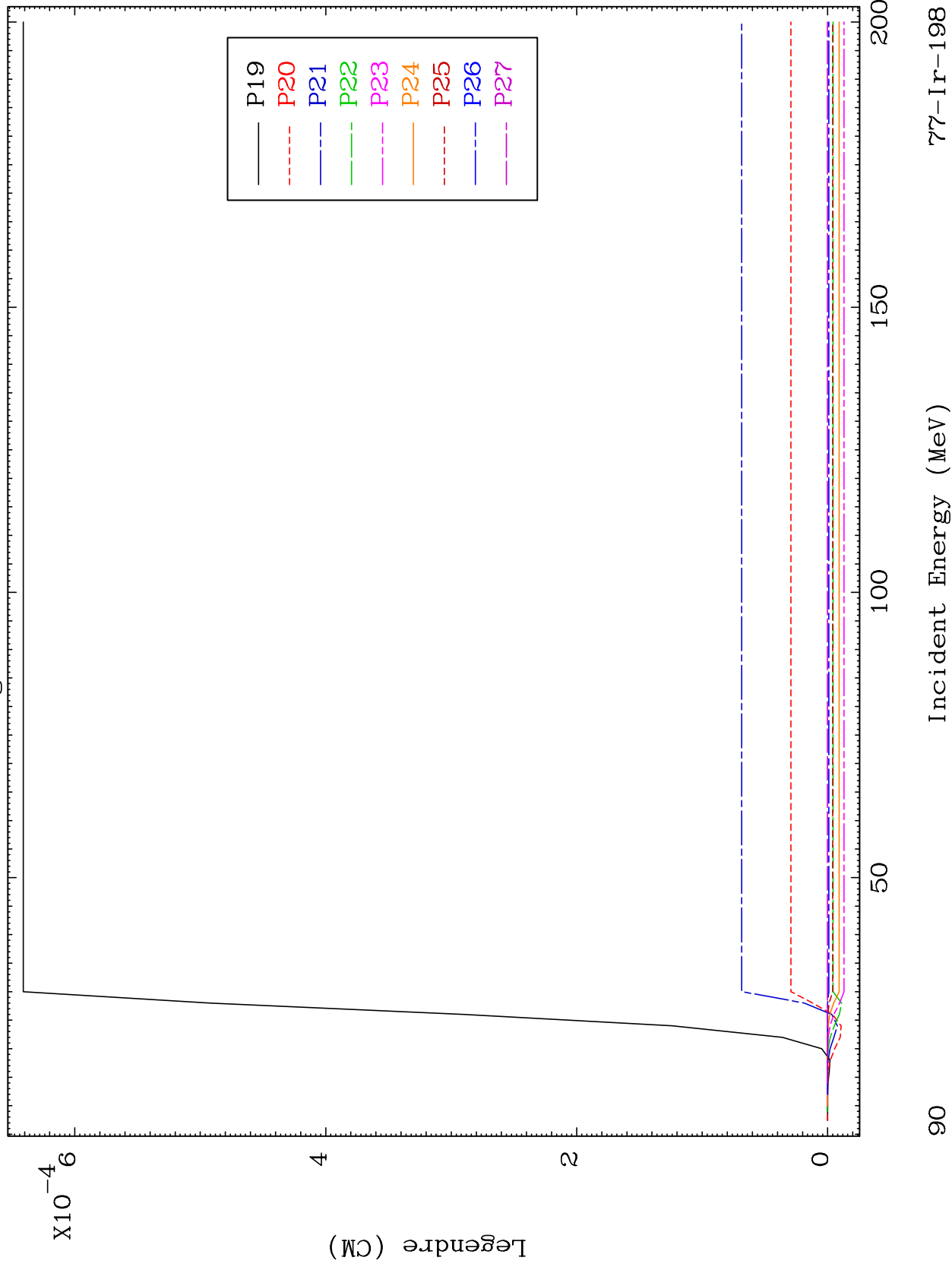
Incident Energy (MeV)

77-Ir-198

MAT 7746

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

77-Ir-198



77-Ir-198

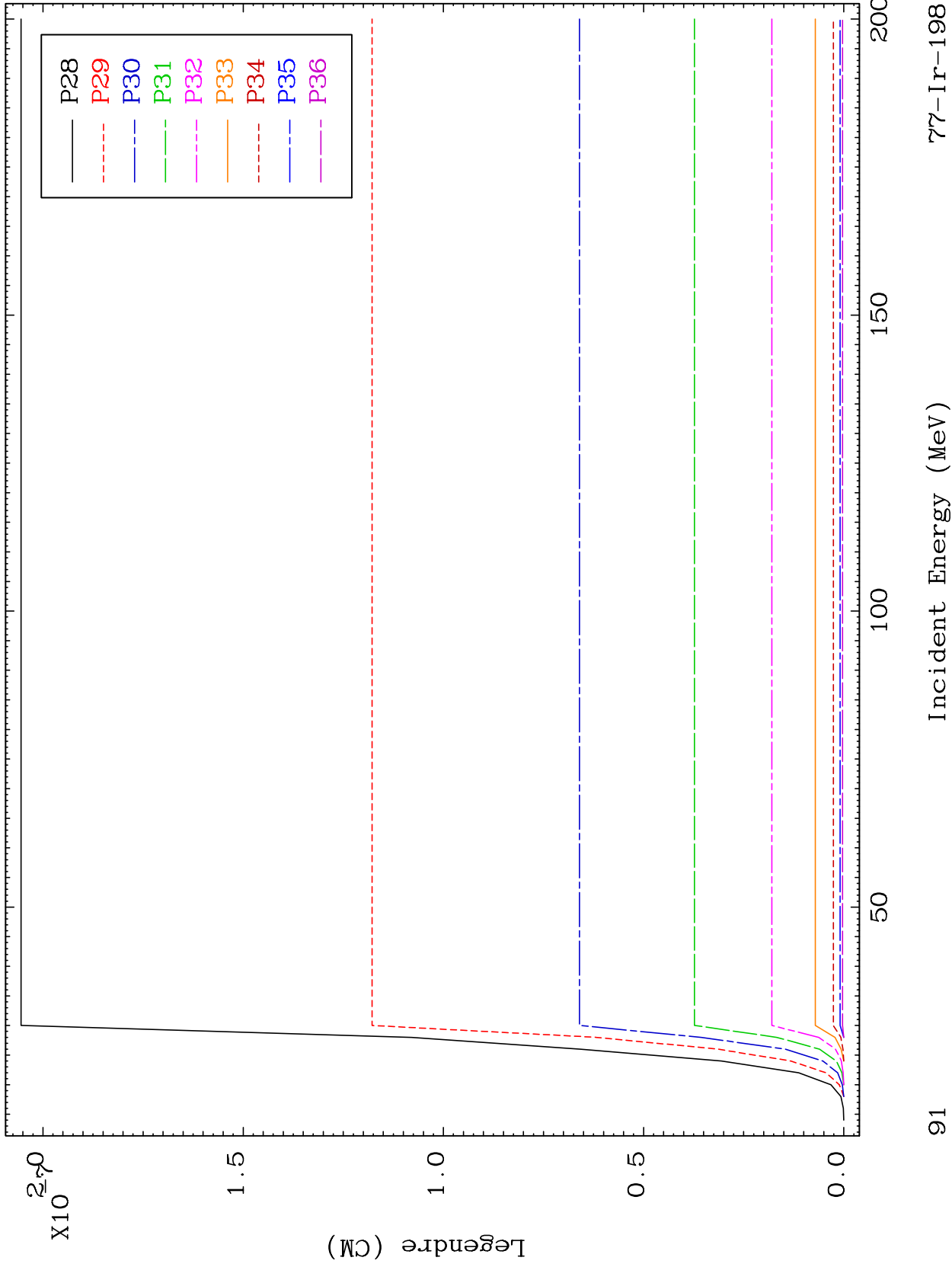
Incident Energy (MeV)

90

MAT 7746

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

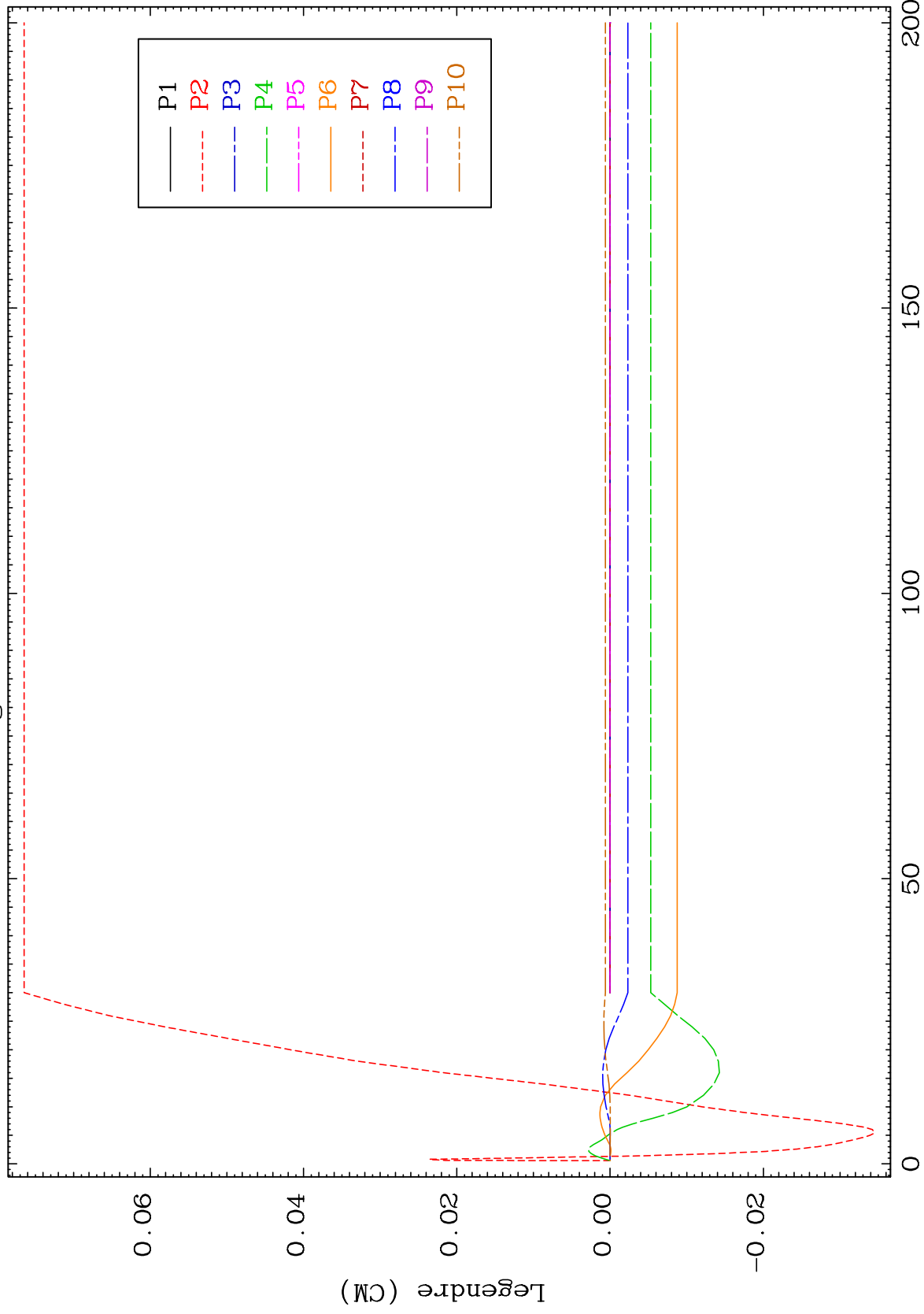
77-Ir-198



MAT 7746

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

77-Ir-198



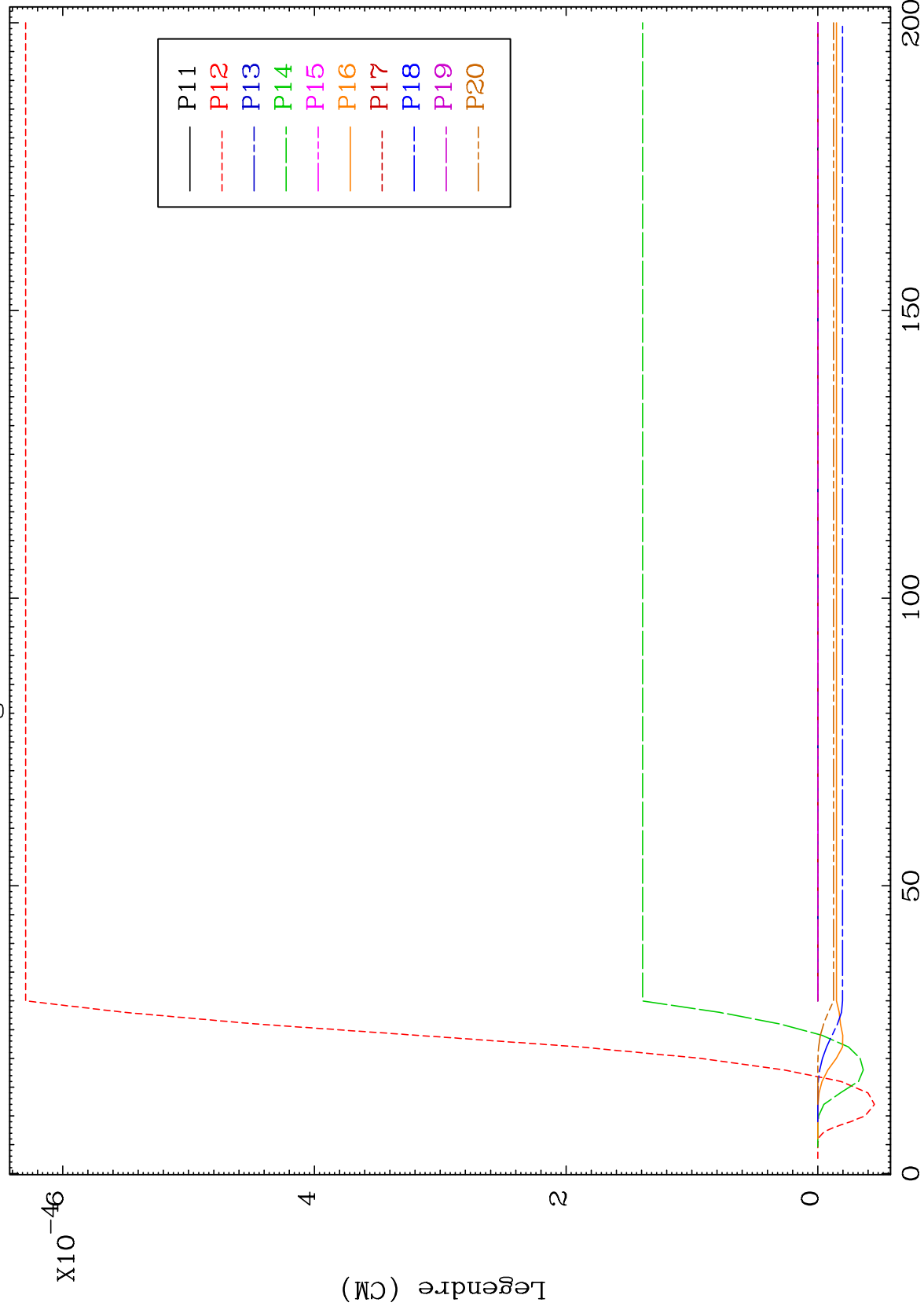
92

77-Ir-198

MAT 7746

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

77-Ir-198



93

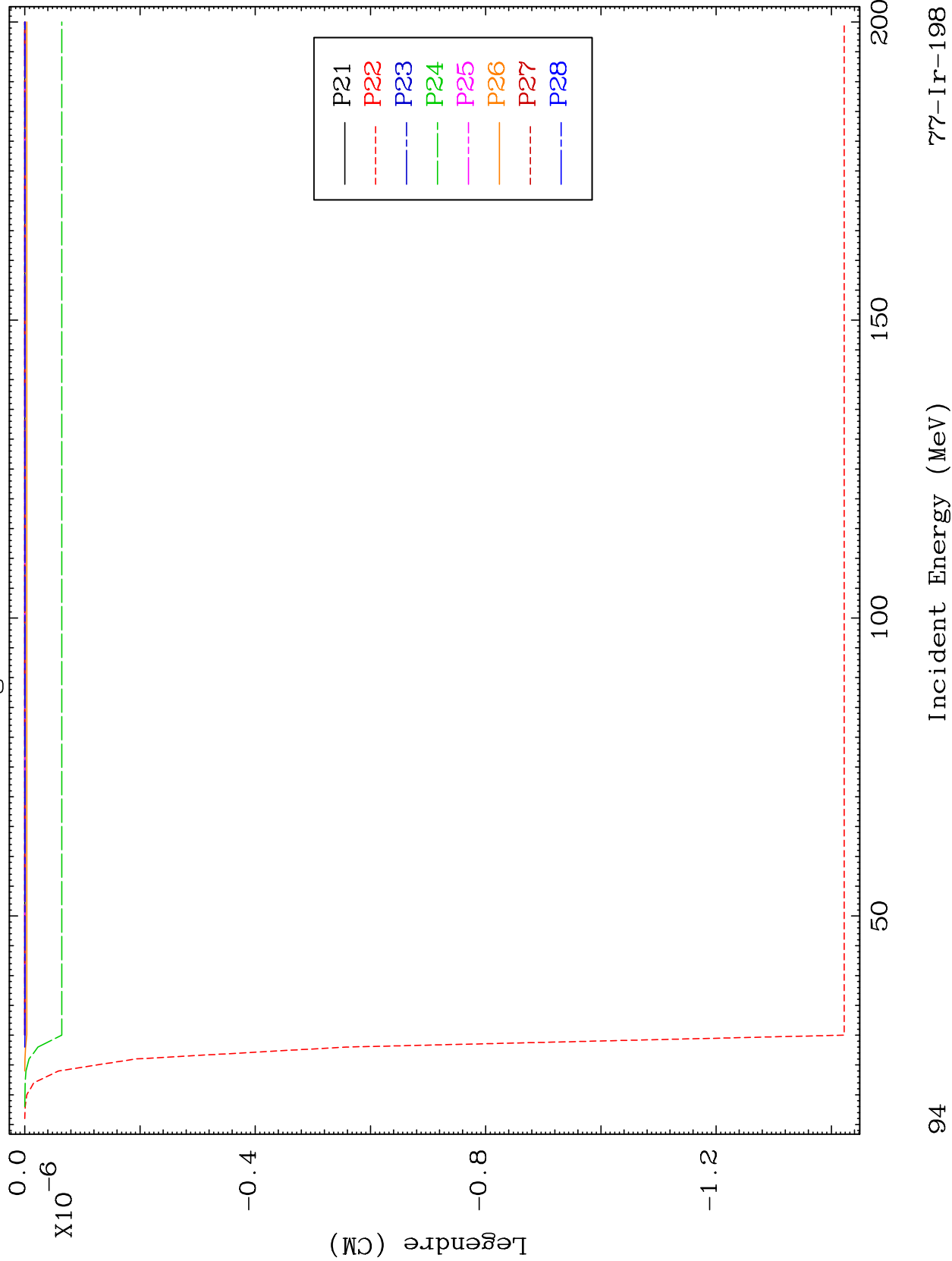
Incident Energy (MeV)

77-Ir-198

MAT 7746

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

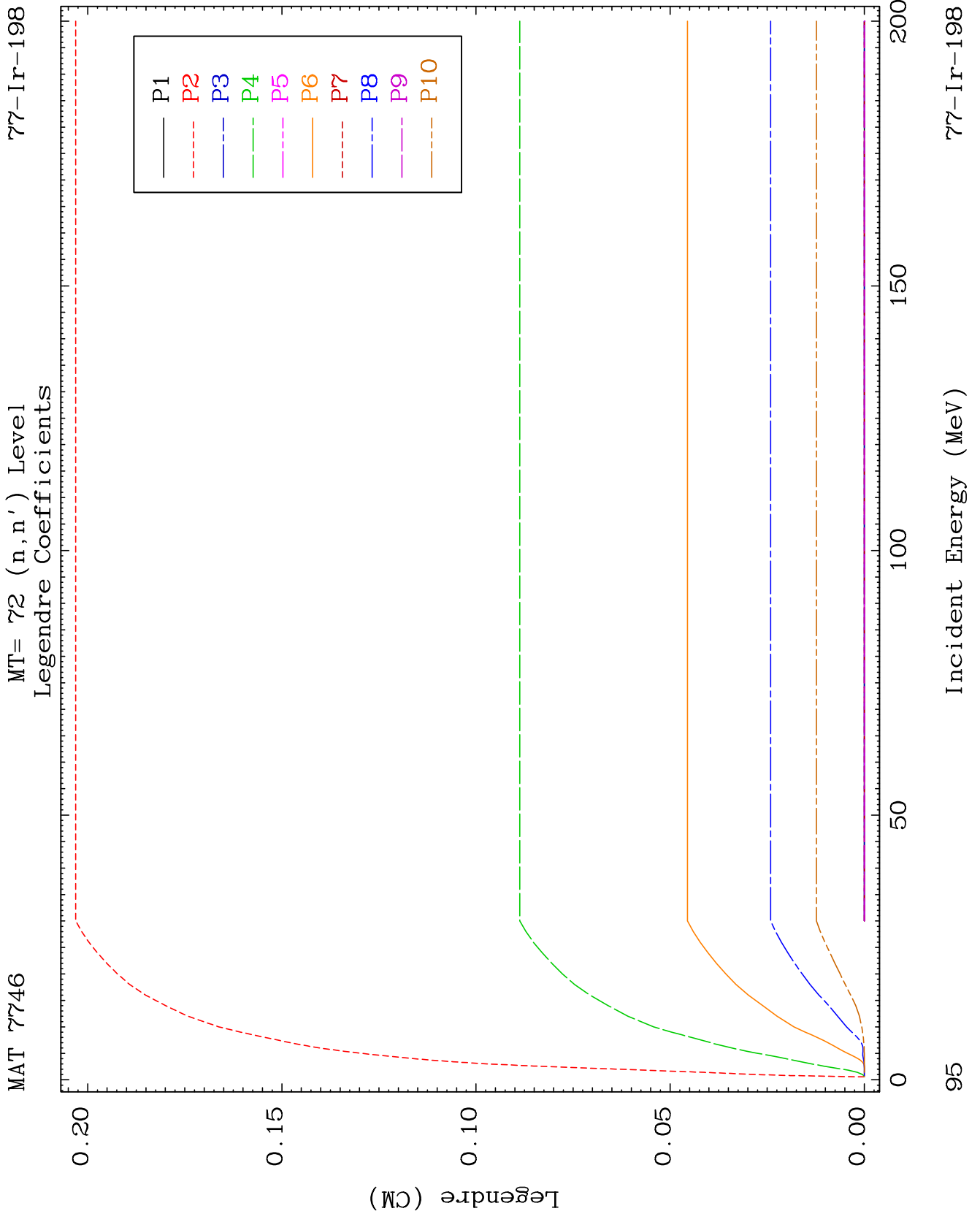
77-Ir-198



94

Incident Energy (MeV)

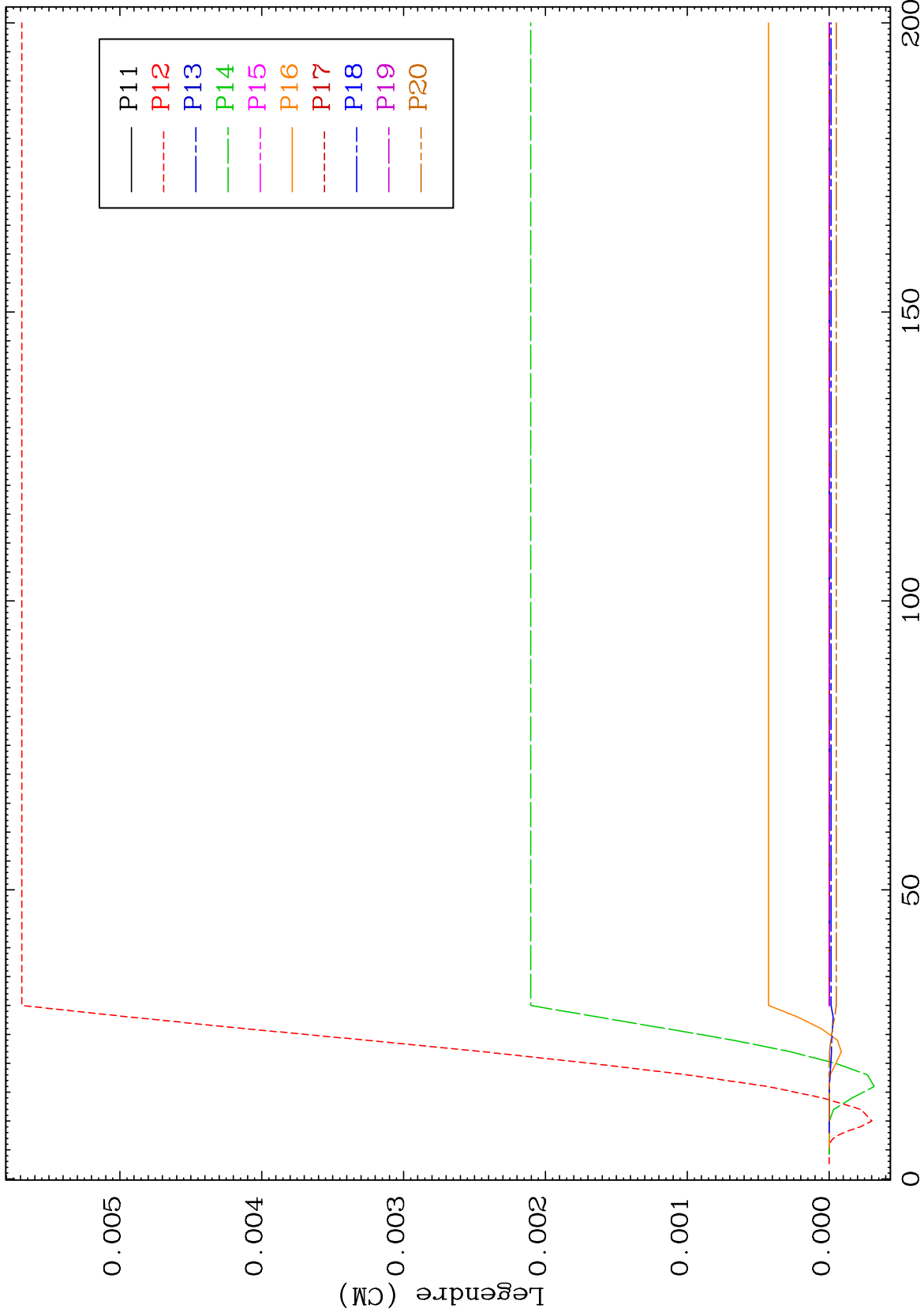
77-Ir-198



MAT 7746

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

77-Ir-198



96

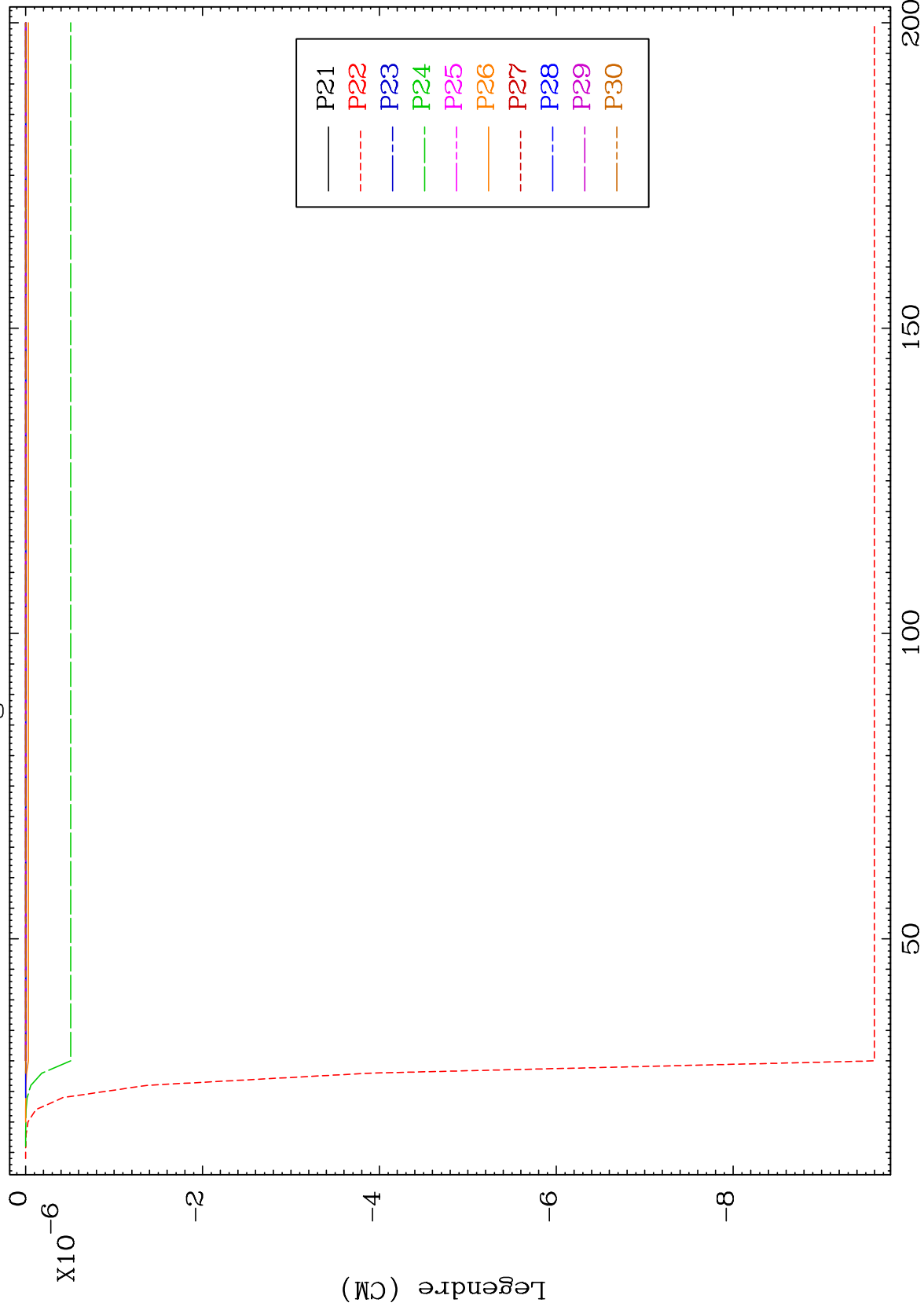
Incident Energy (MeV)

77-Ir-198

MAT 7746

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

77-Ir-198



97

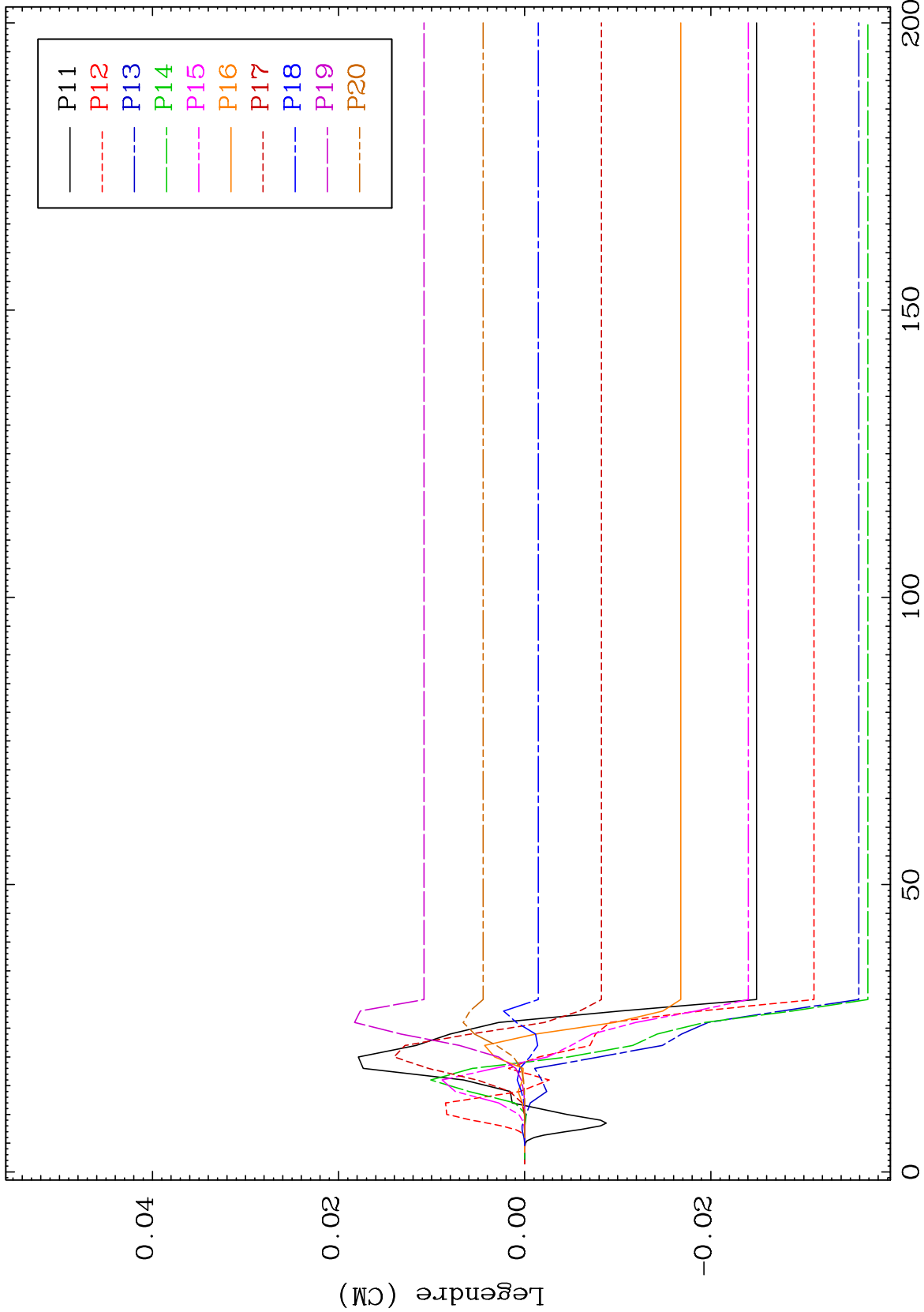
Incident Energy (MeV)

77-Ir-198

MAT 7746

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

77-Ir-198



99

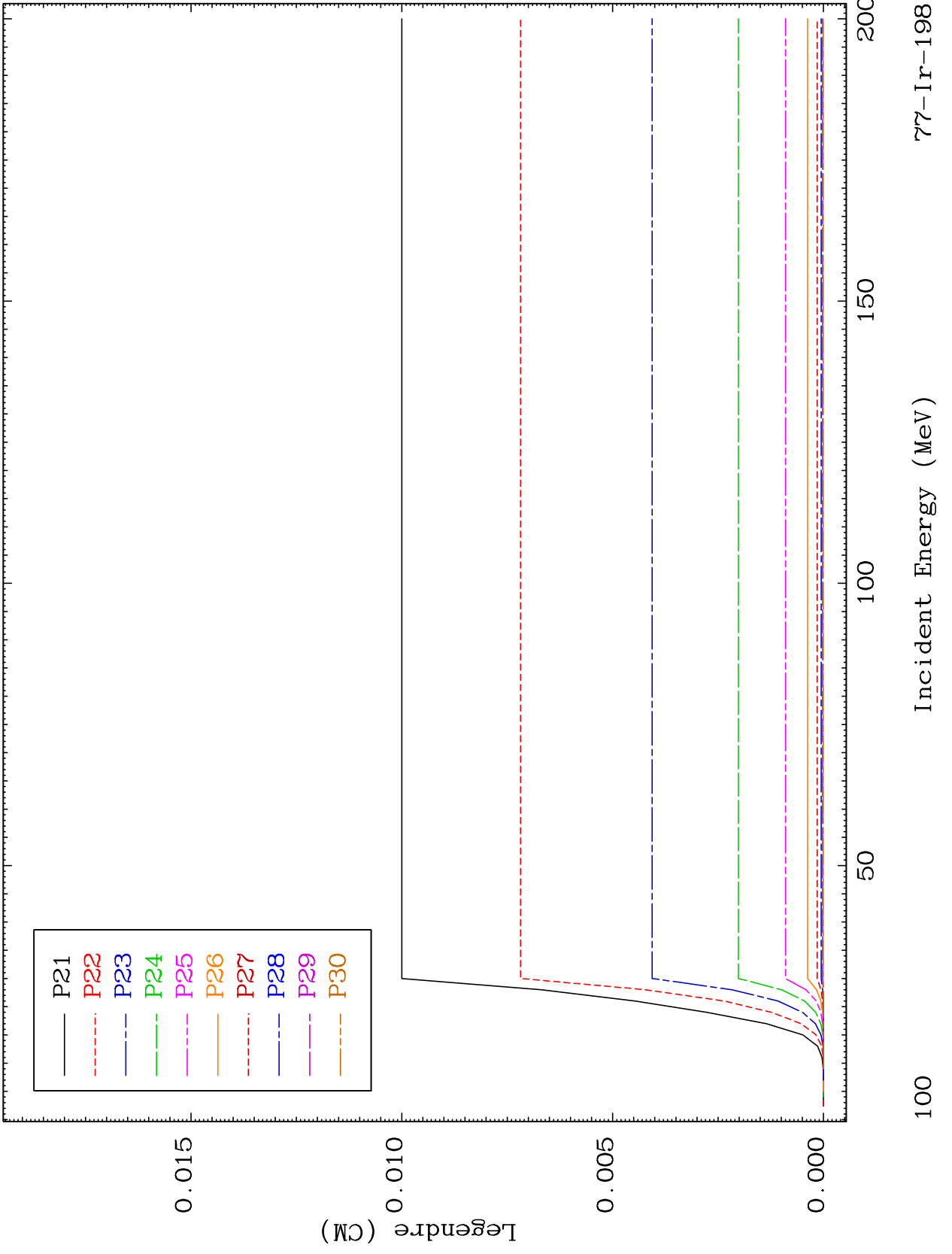
Incident Energy (MeV)

77-Ir-198

MAT 7746

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

77-Ir-198



100

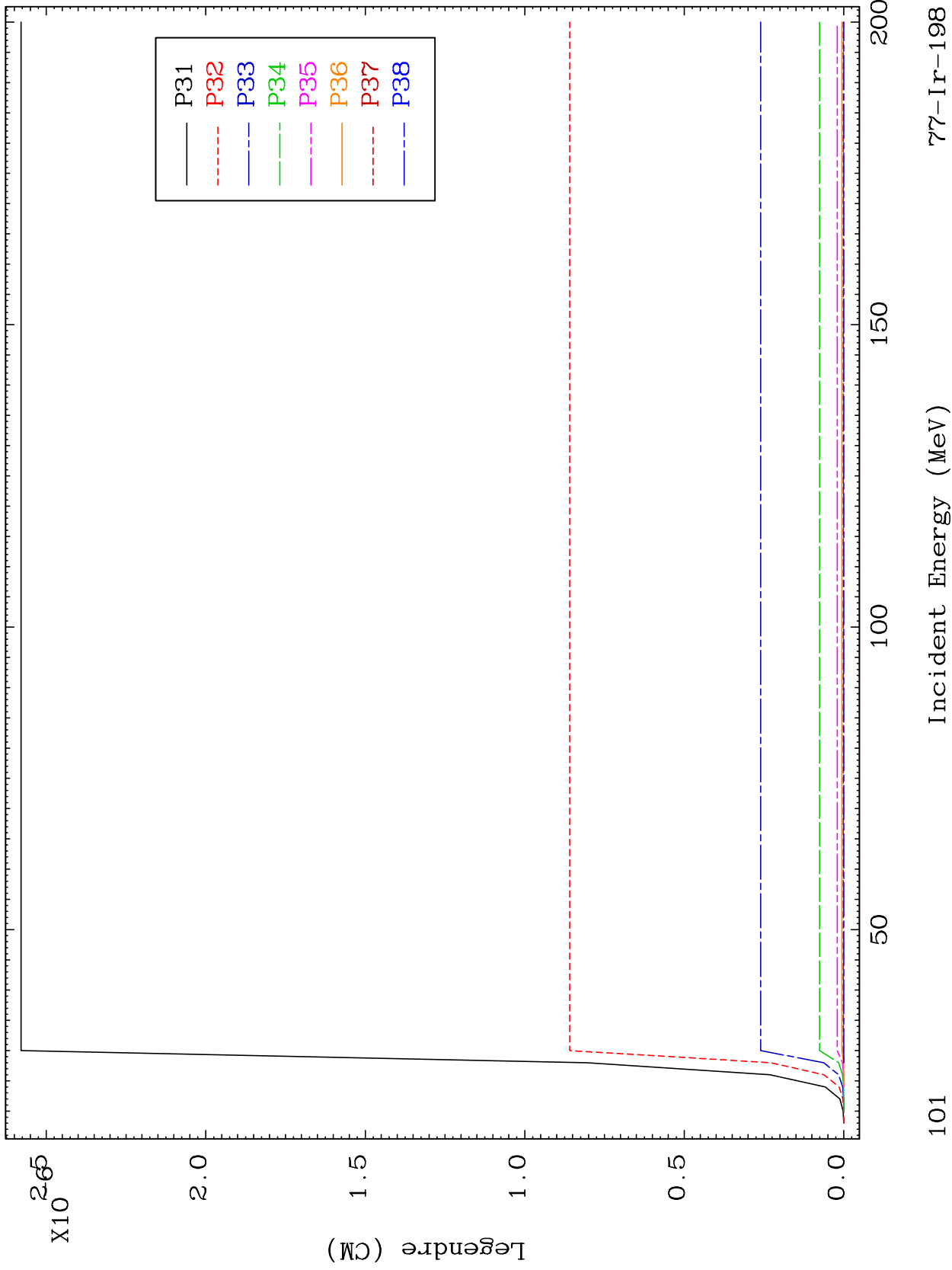
Incident Energy (MeV)

77-Ir-198

MAT 7746

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

77-Ir-198



101

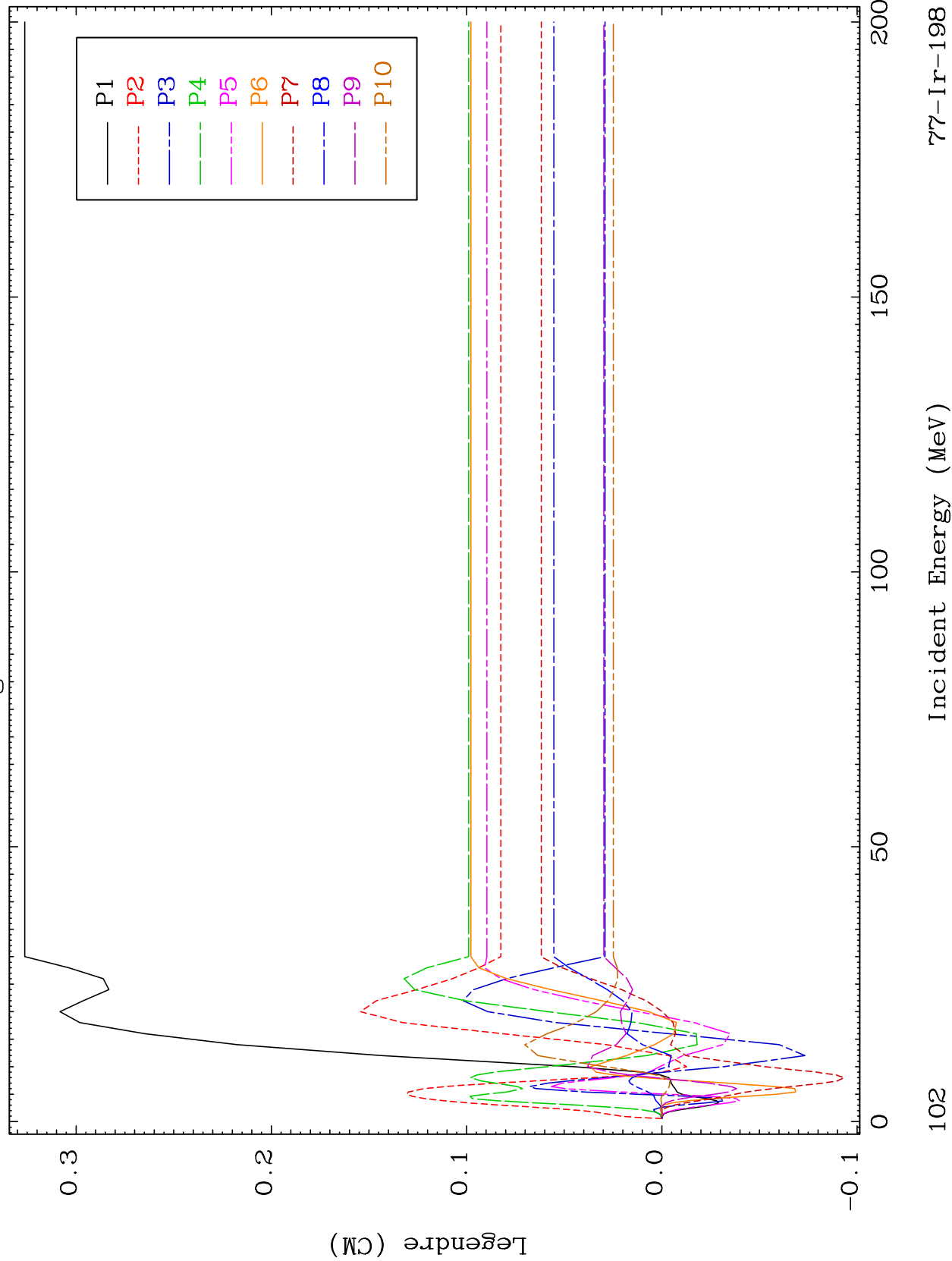
Incident Energy (MeV)

77-Ir-198

MAT 7746

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

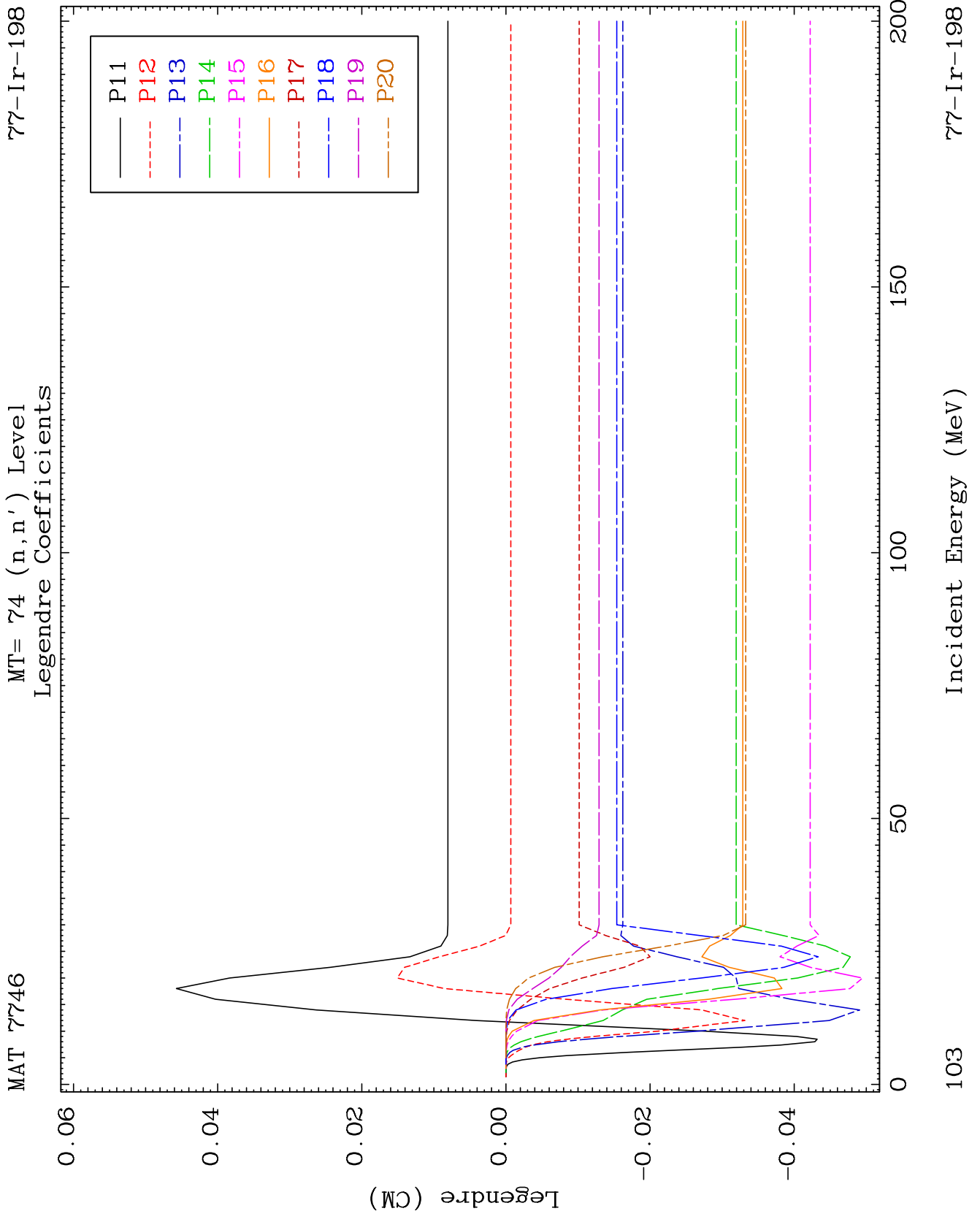
77-Ir-198



77-Ir-198

Incident Energy (MeV)

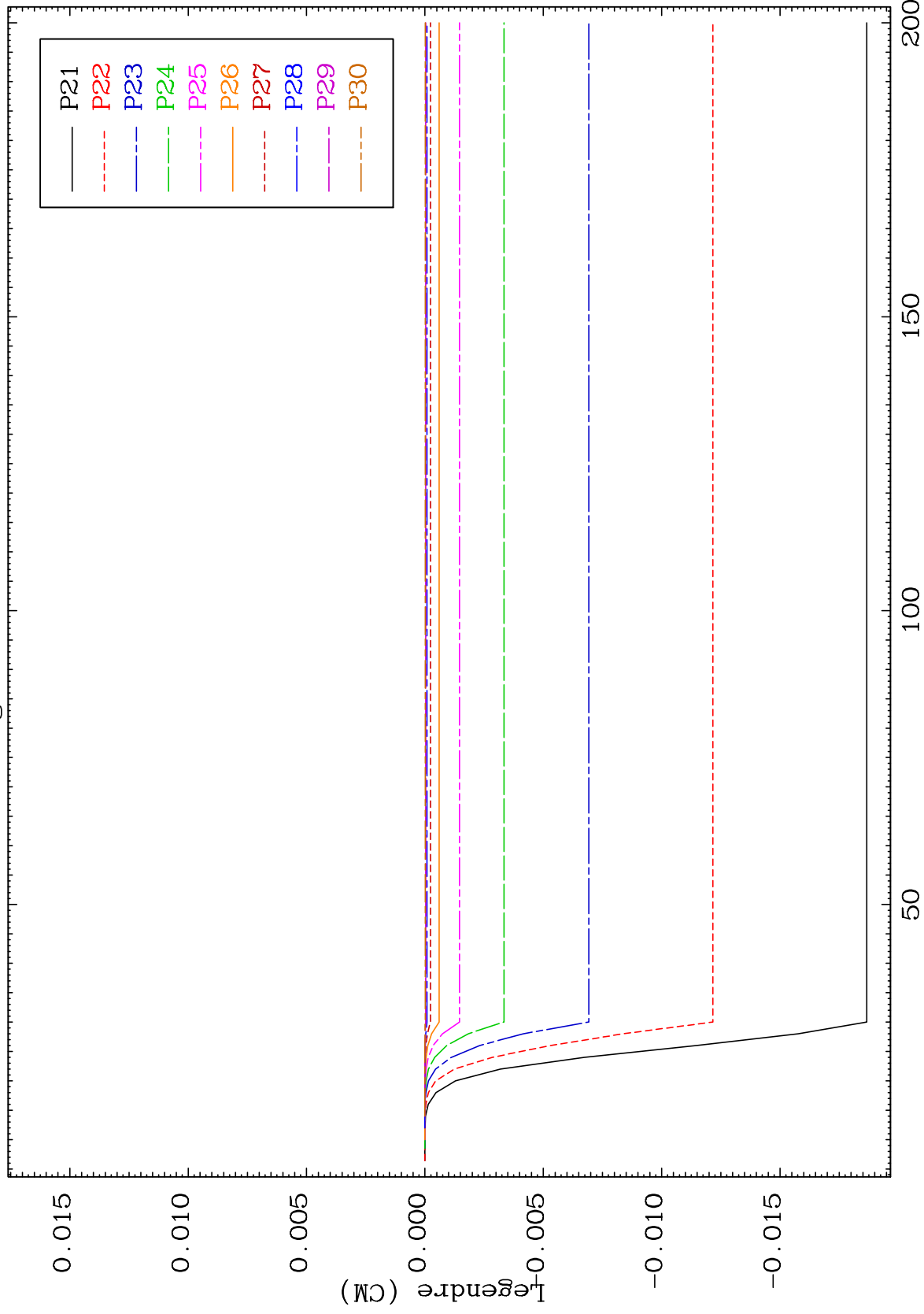
102



MAT 7746

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

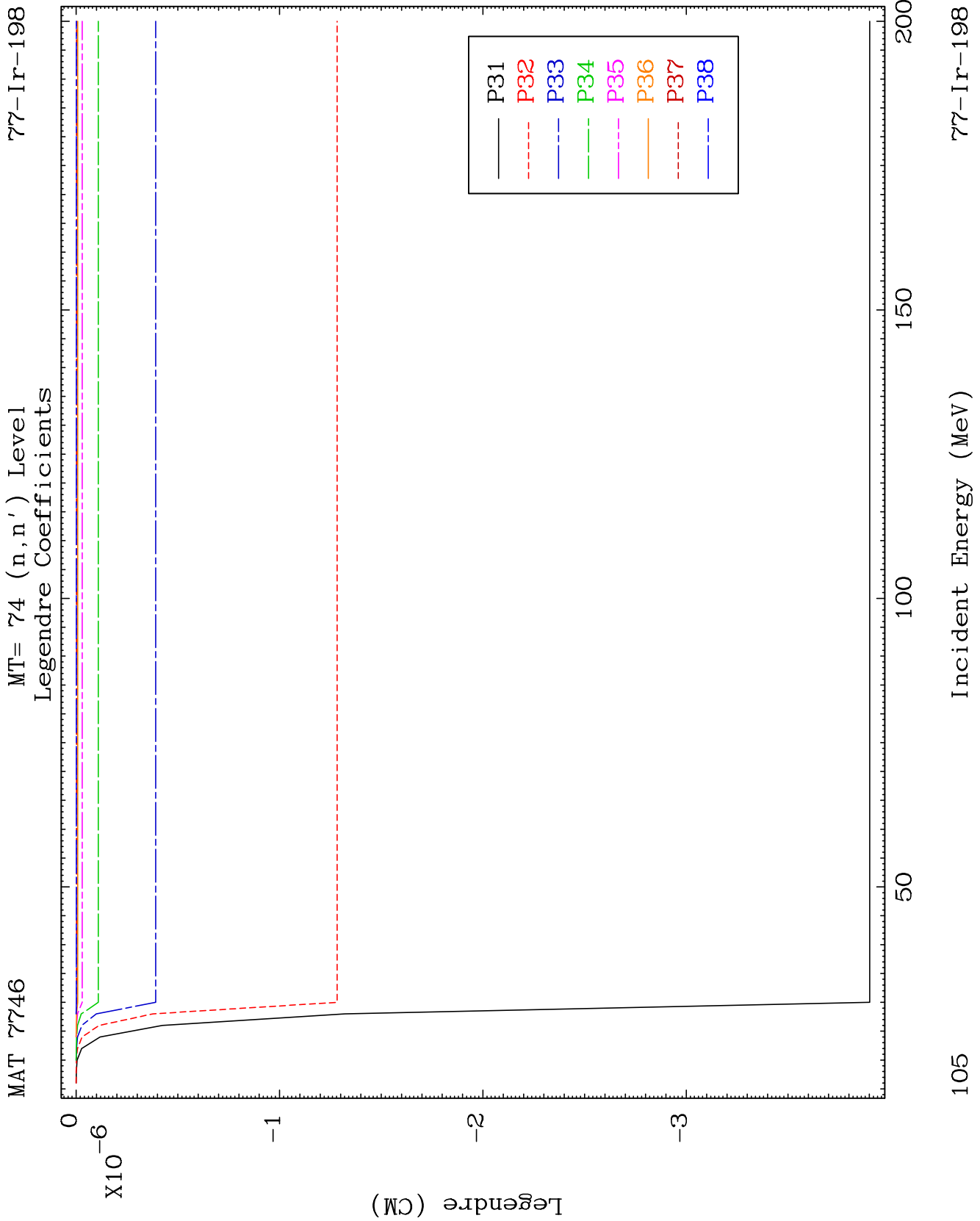
77-Ir-198

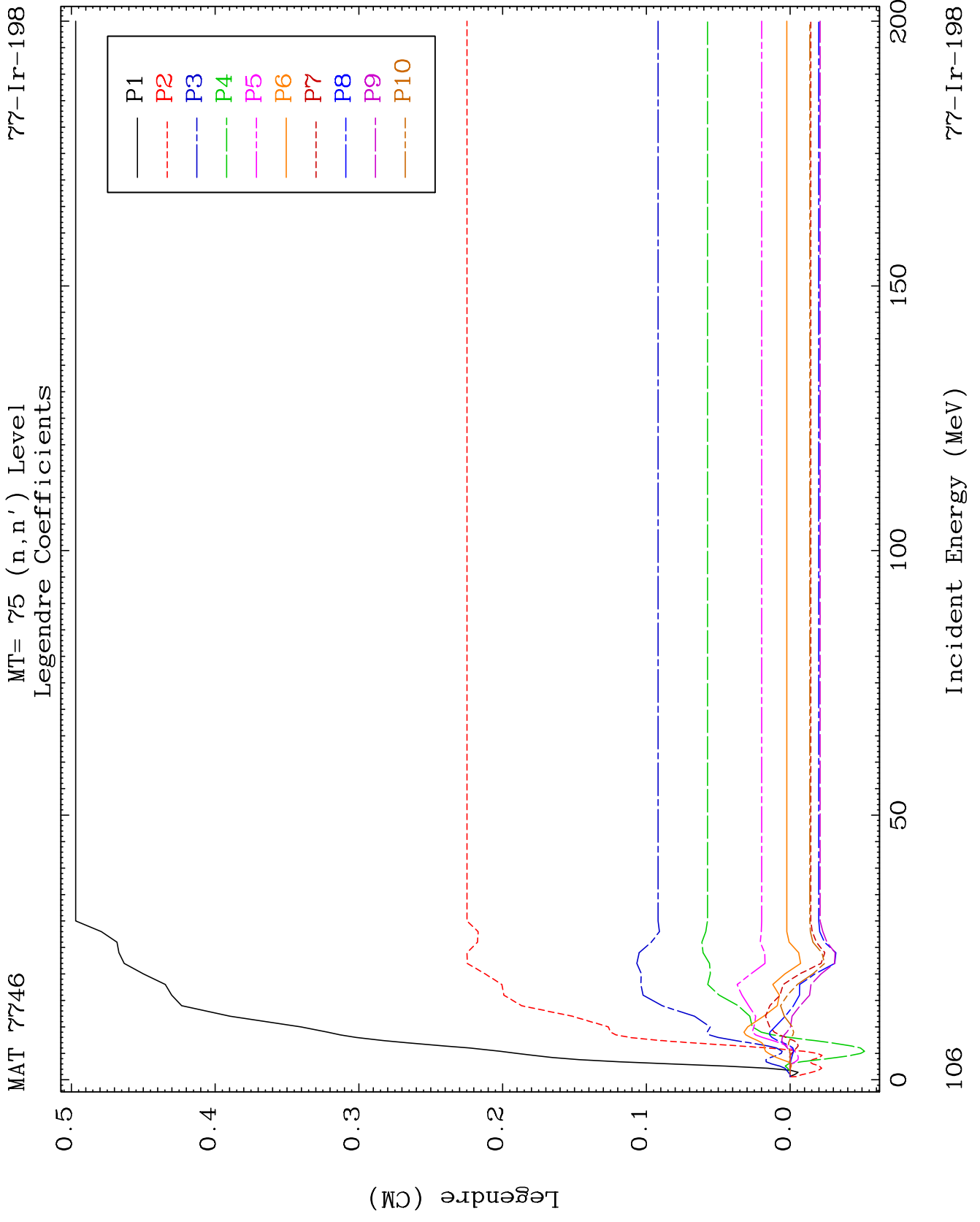


104

Incident Energy (MeV)

77-Ir-198

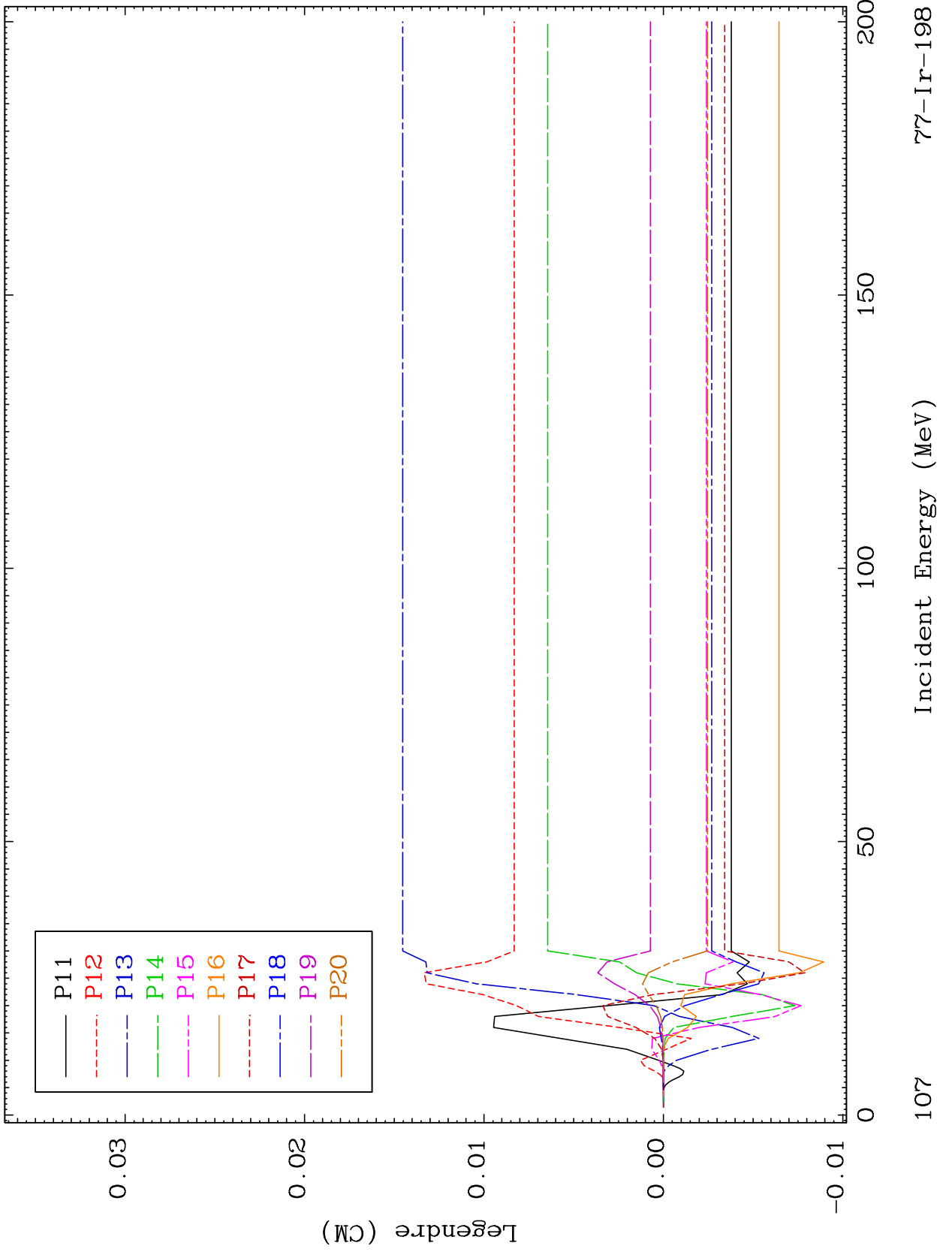




MAT 7746

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

77-Ir-198



107

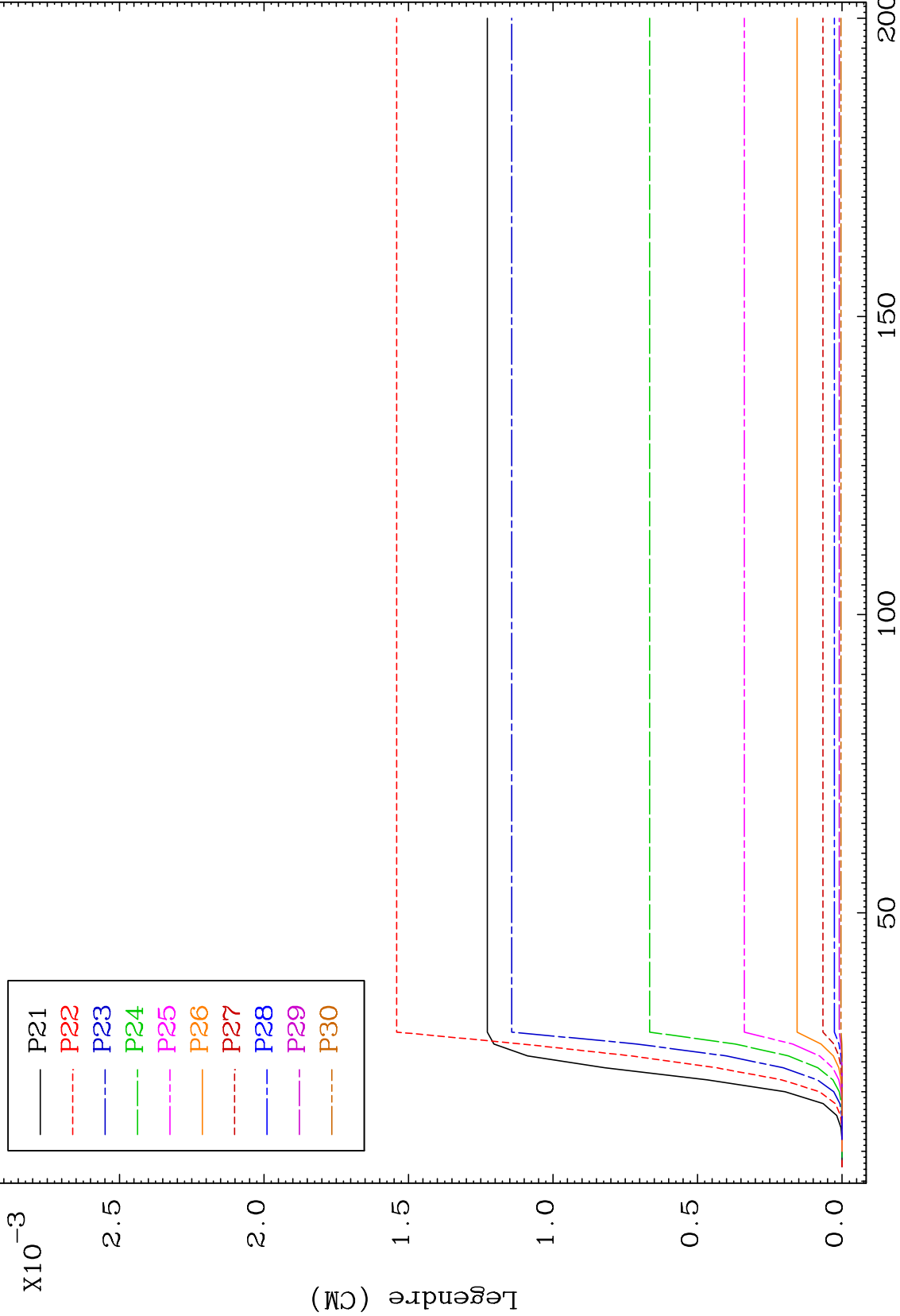
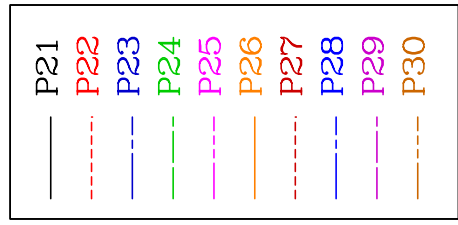
Incident Energy (MeV)

77-Ir-198

MAT 7746

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

77-Ir-198



108

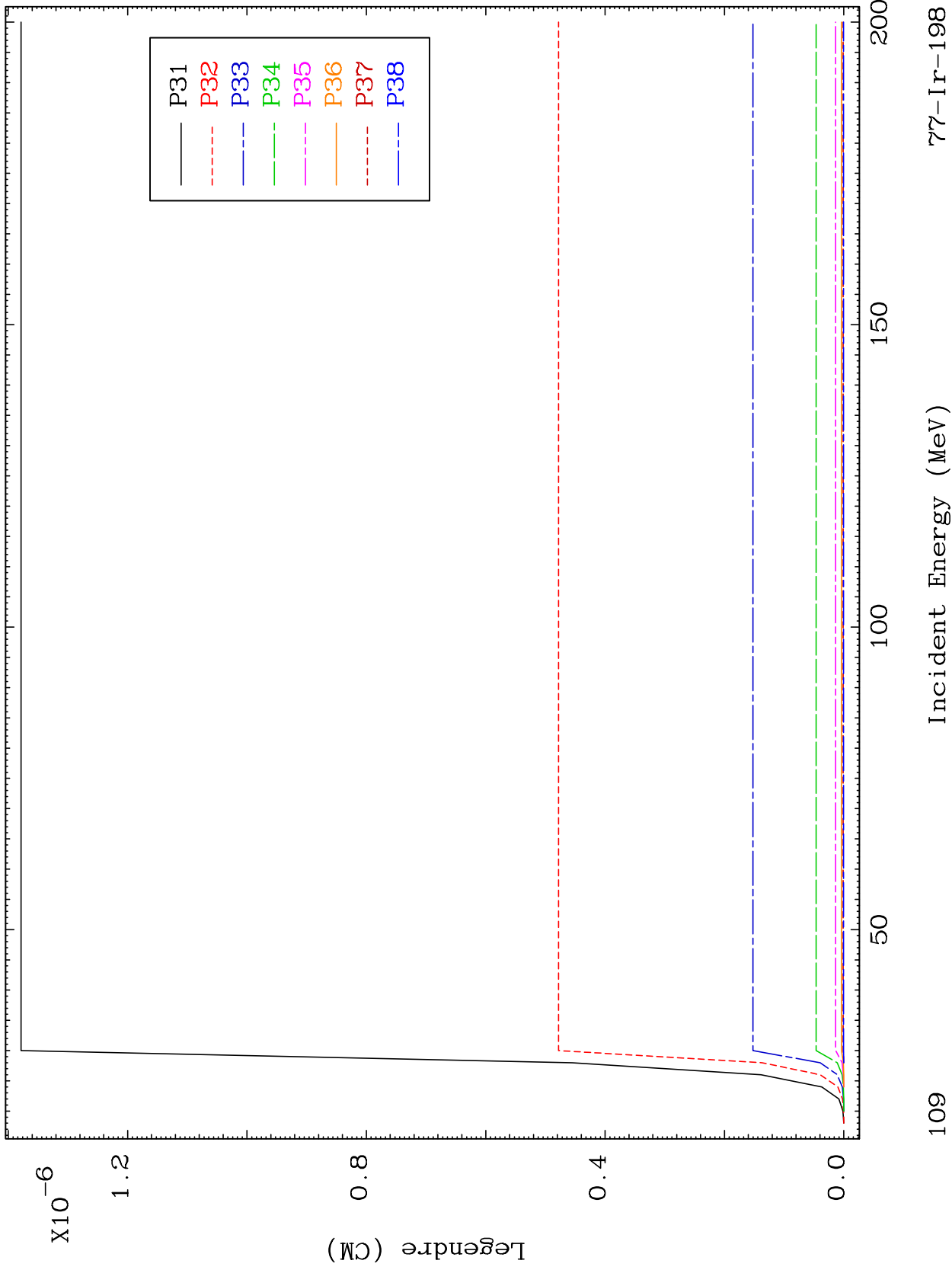
Incident Energy (MeV)

77-Ir-198

MAT 7746

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

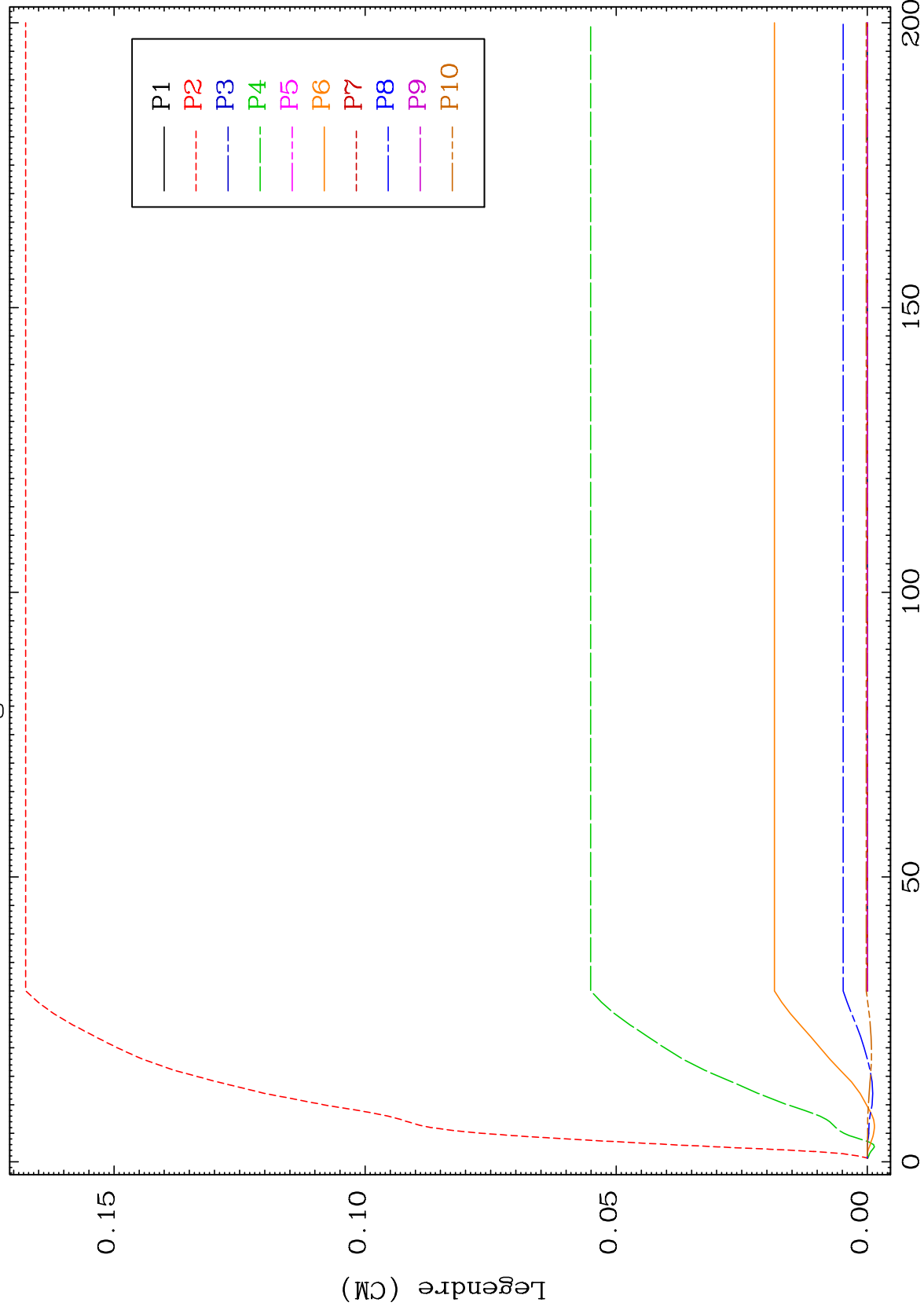
77-Ir-198



MAT 7746

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

77-Ir-198



77-Ir-198

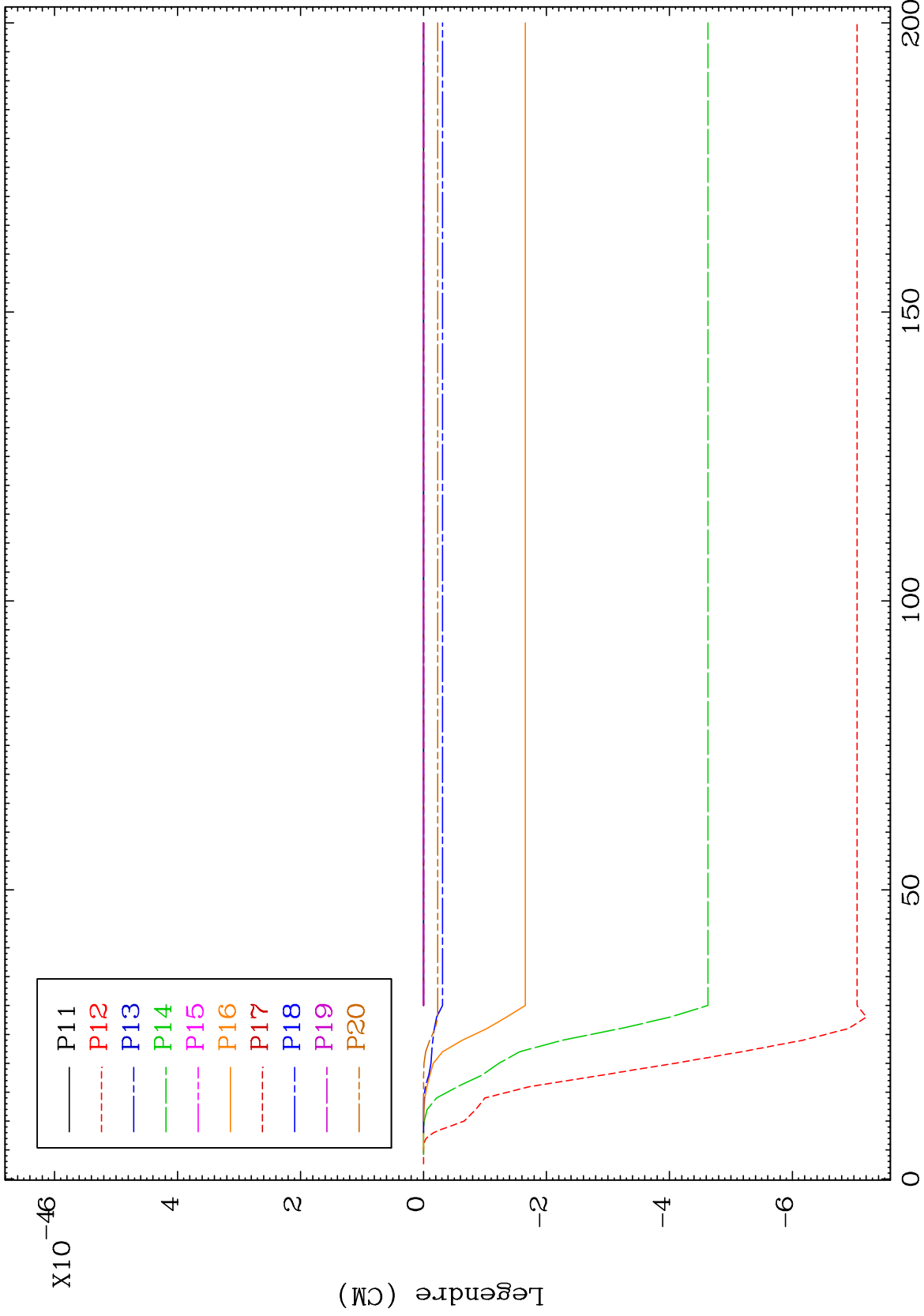
Incident Energy (MeV)

110

MAT 7746

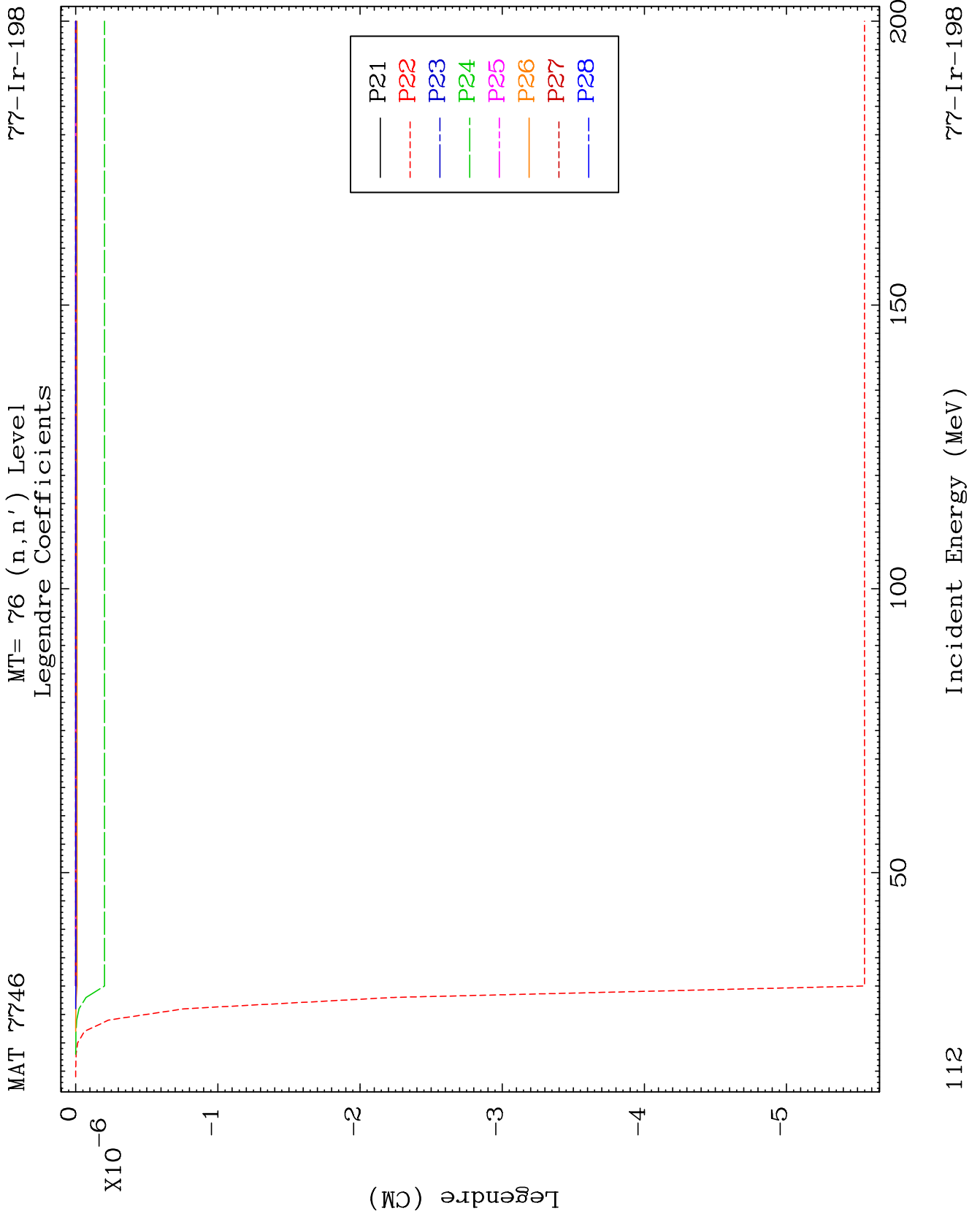
MT= 76 (n,n') Level
Legendre Coefficients

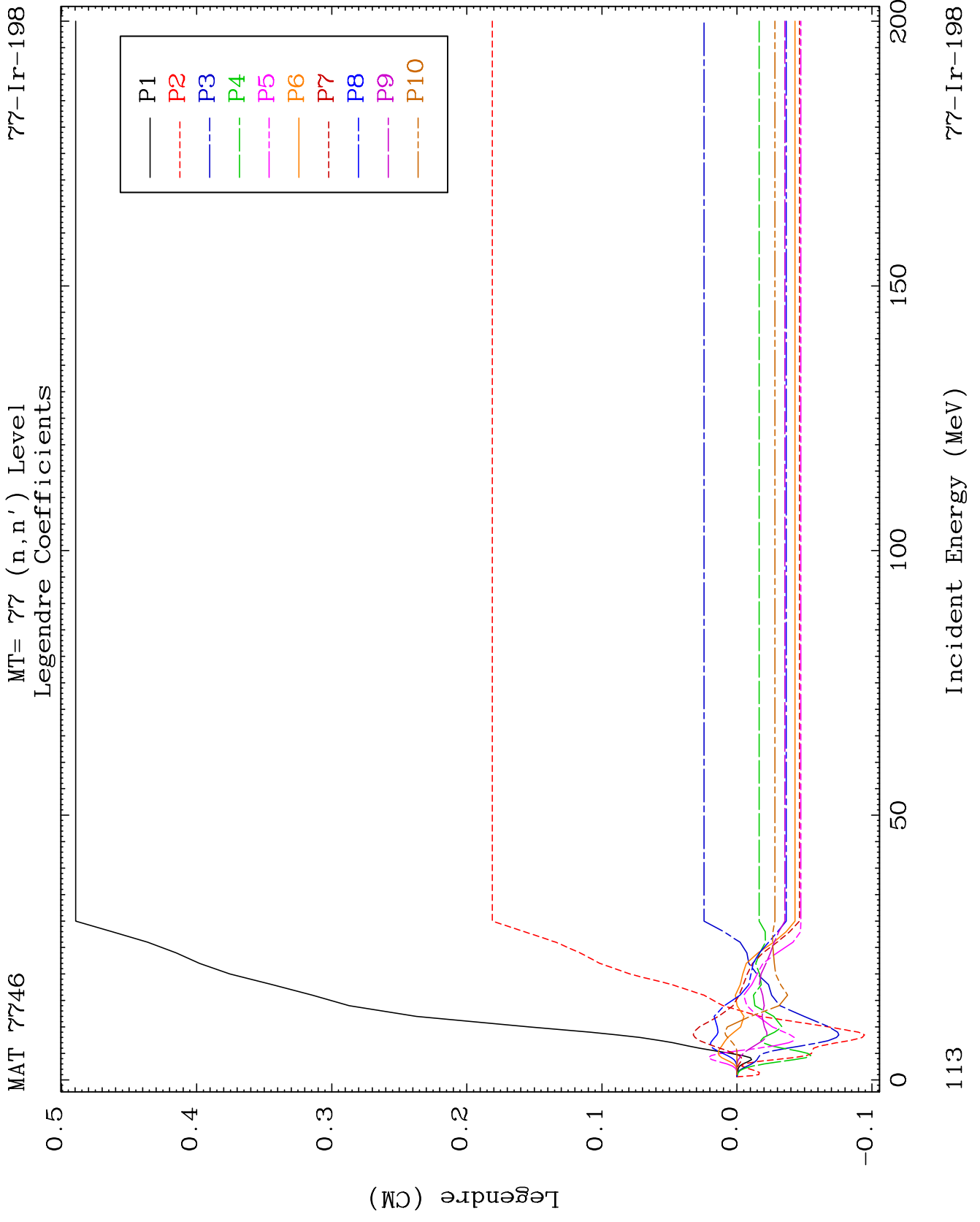
77-Ir-198



111

77-Ir-198

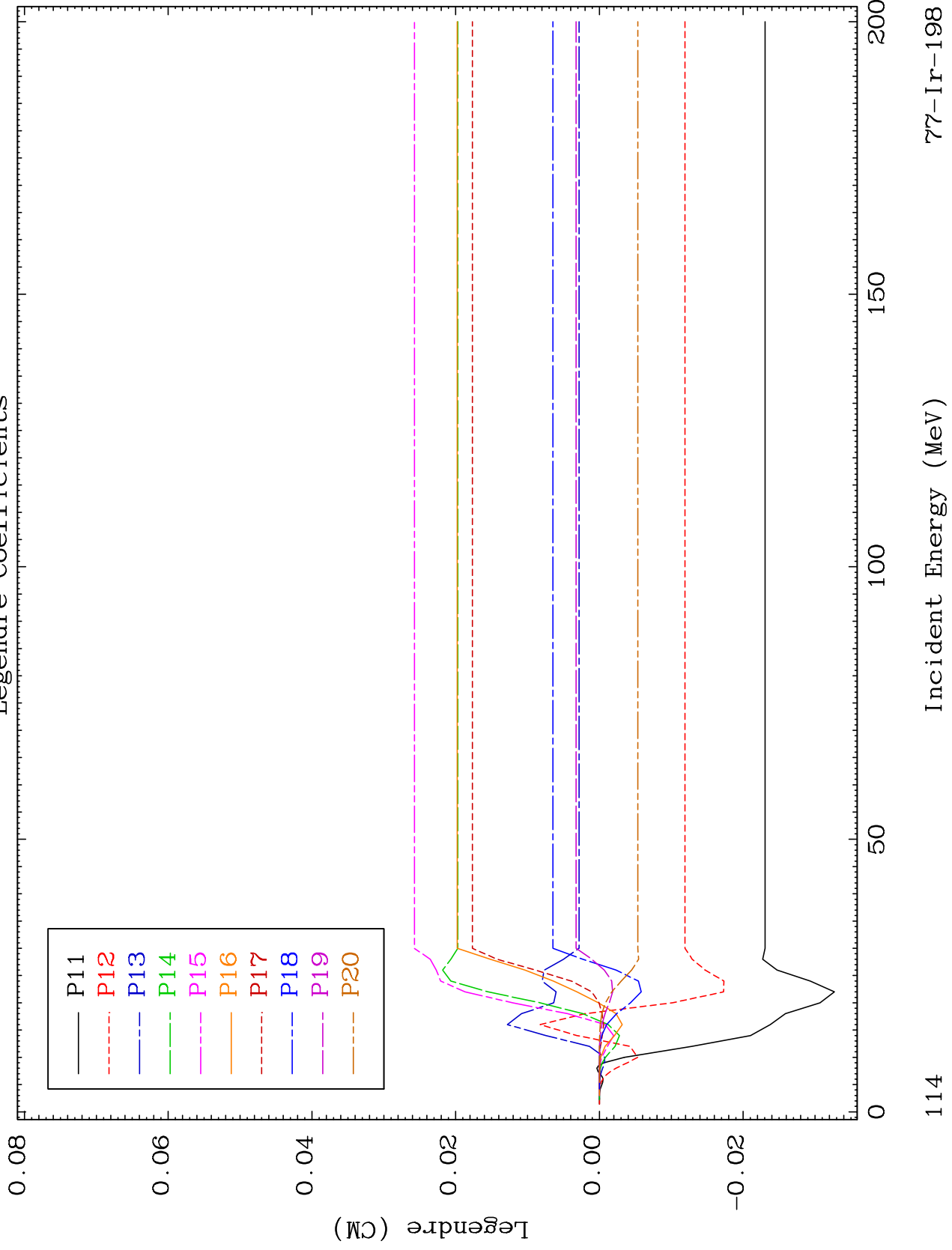


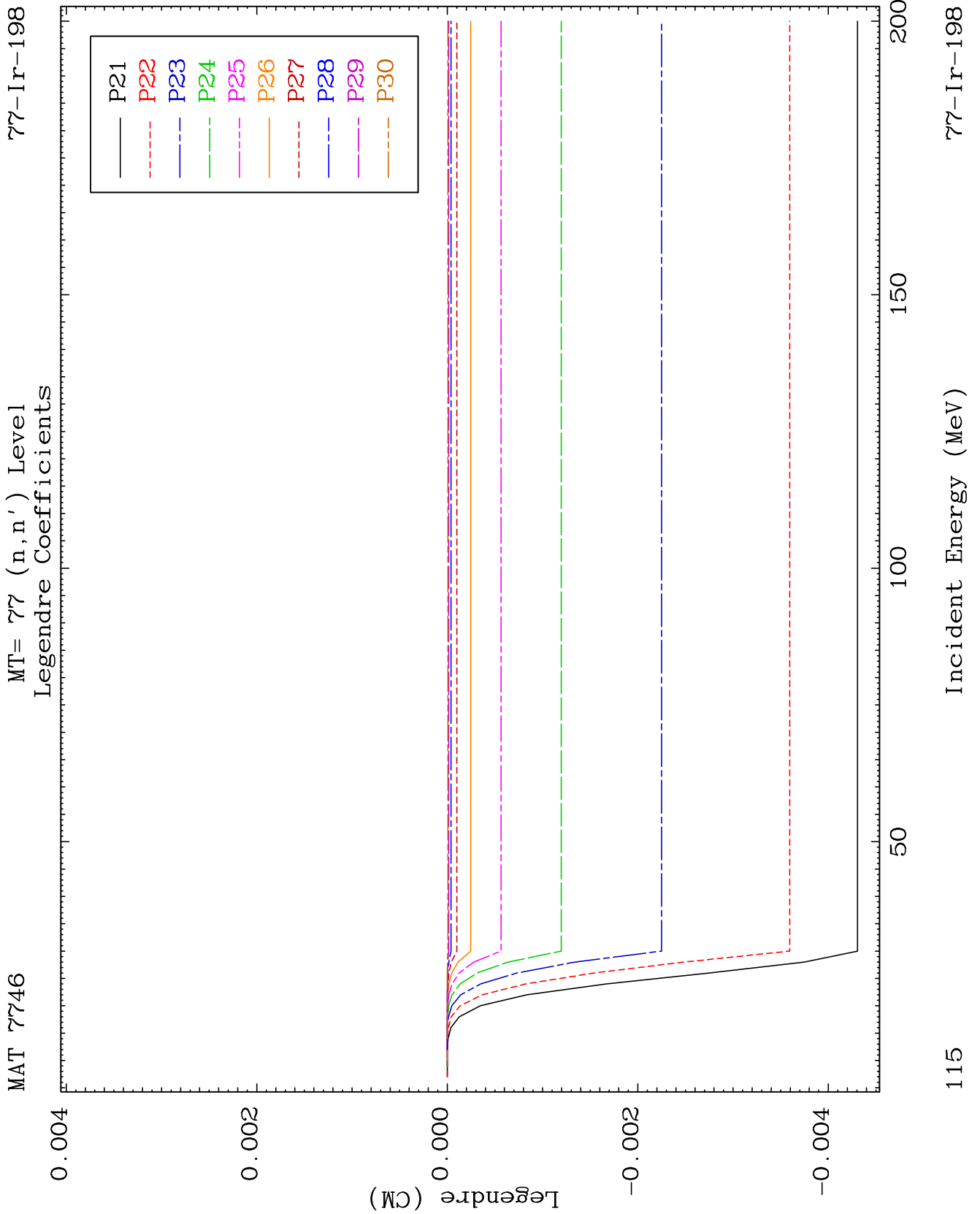


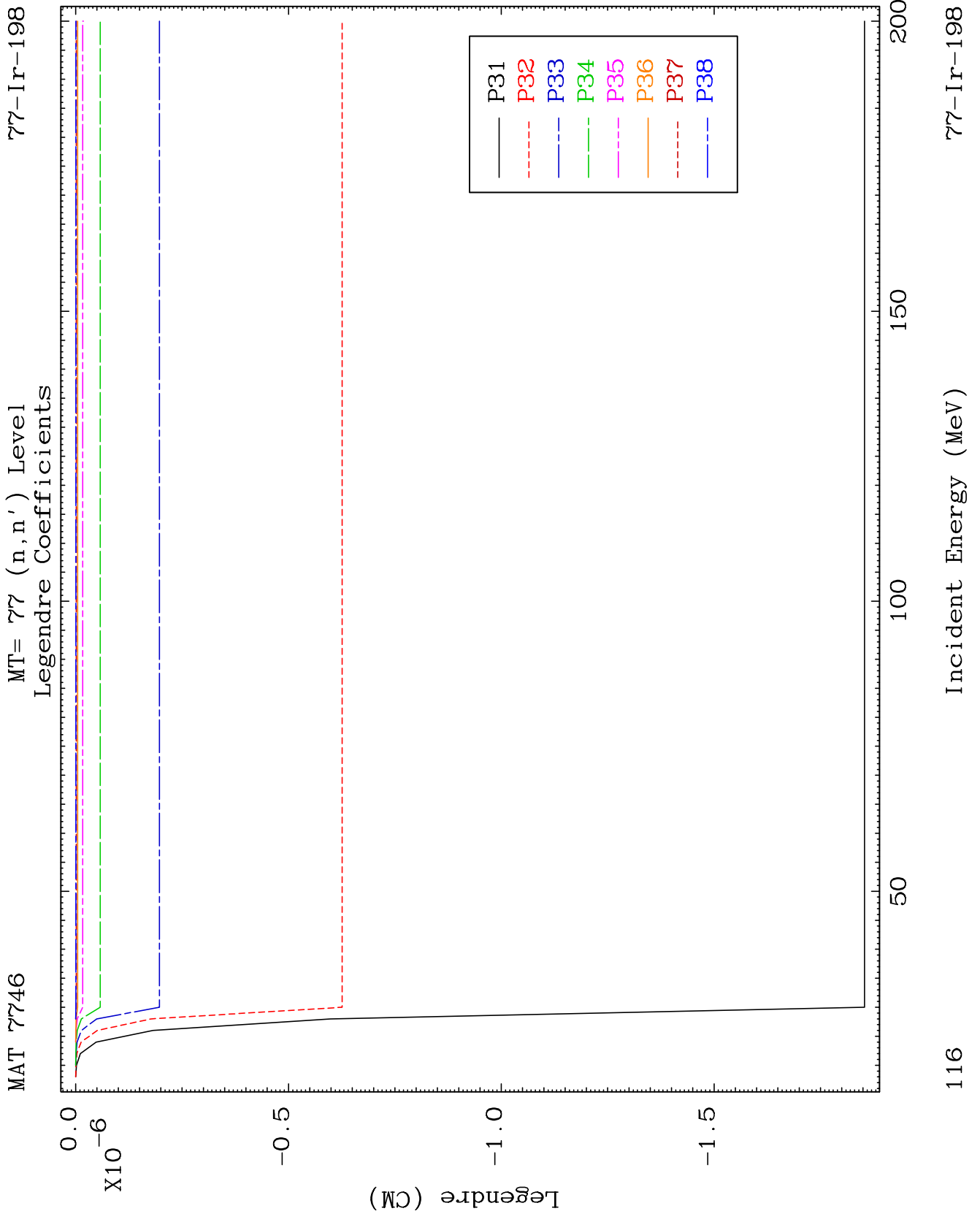
MAT 7746

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

77-Ir-198



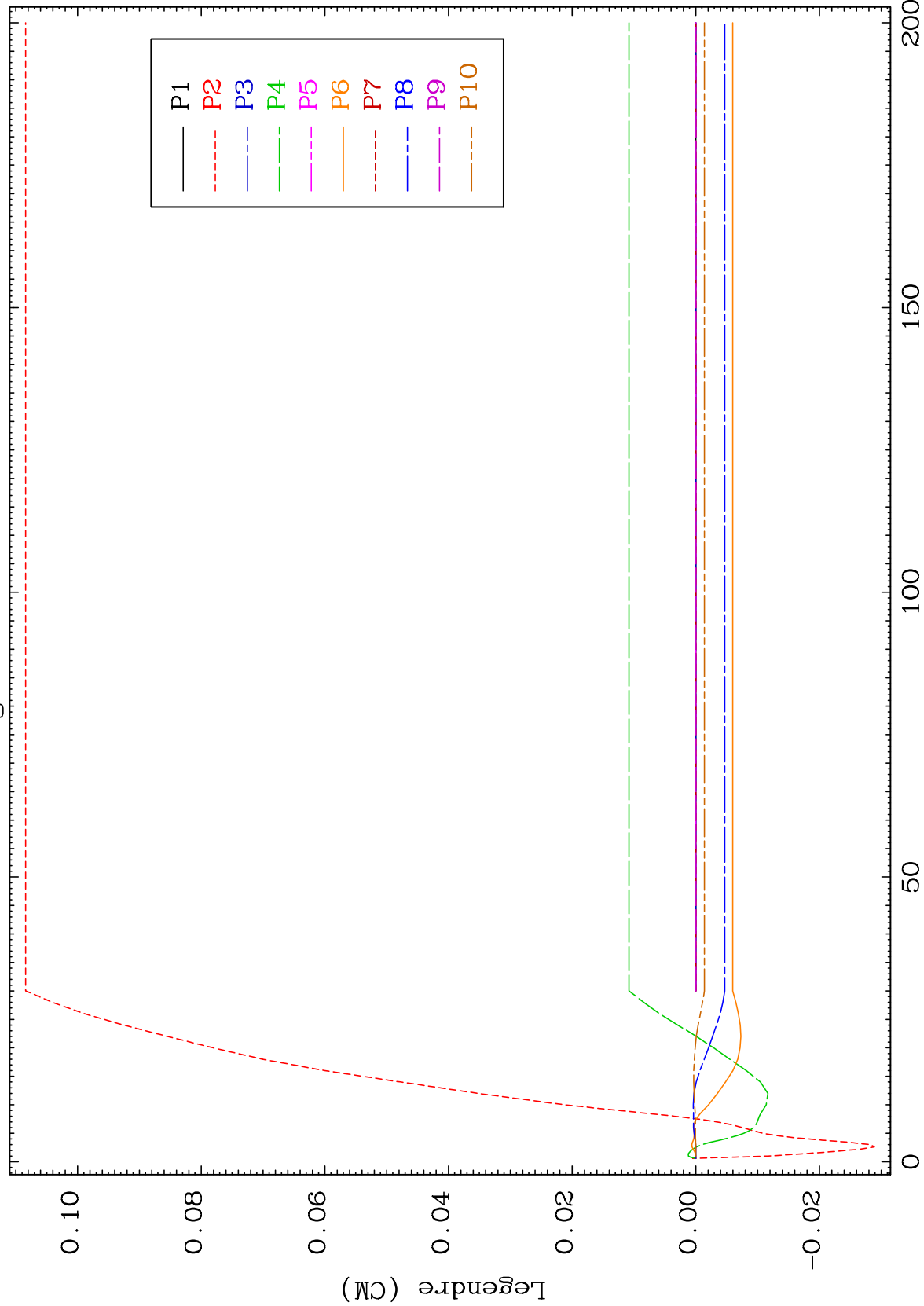




MAT 7746

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

77-Ir-198



117

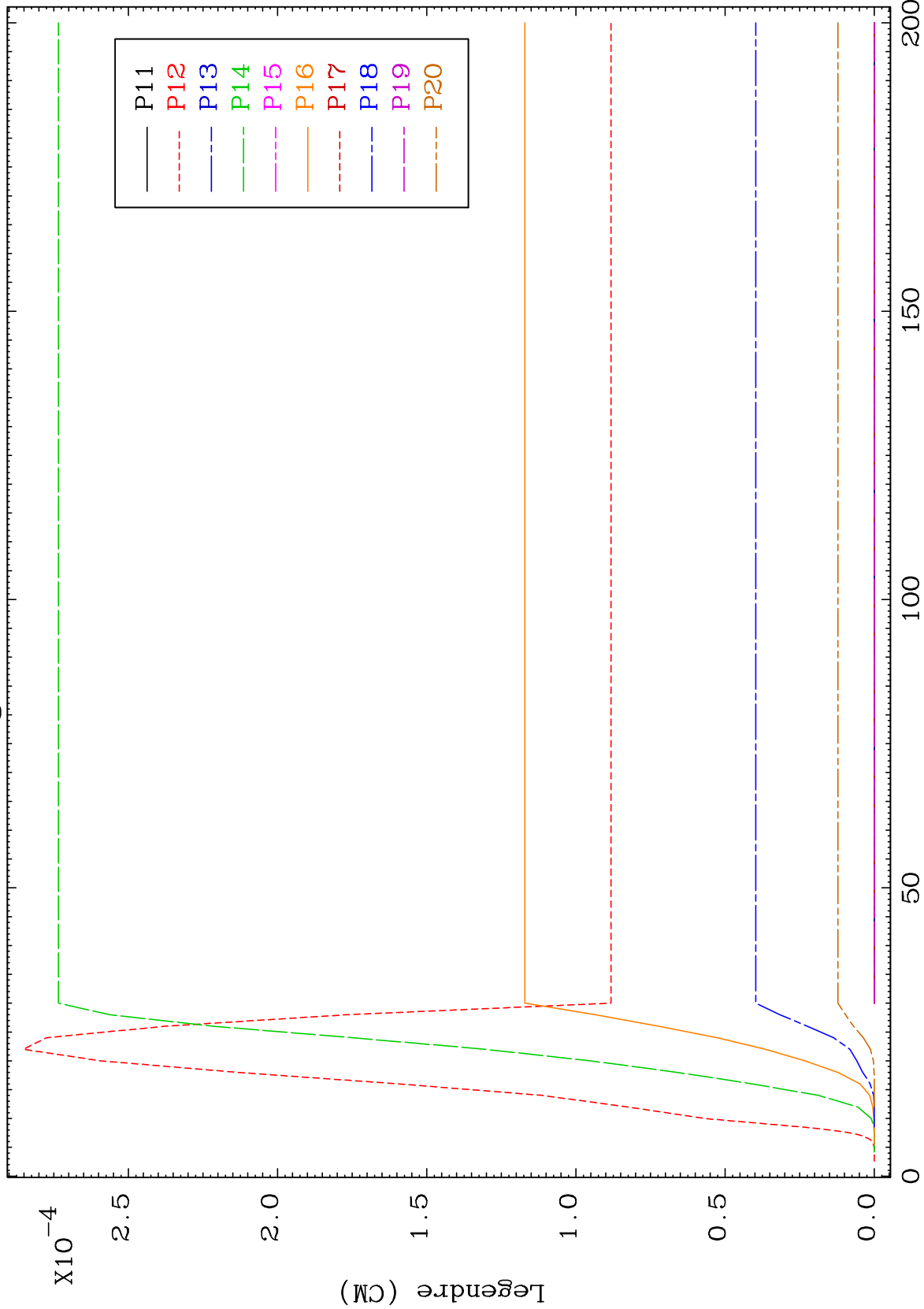
Incident Energy (MeV)

77-Ir-198

MAT 7746

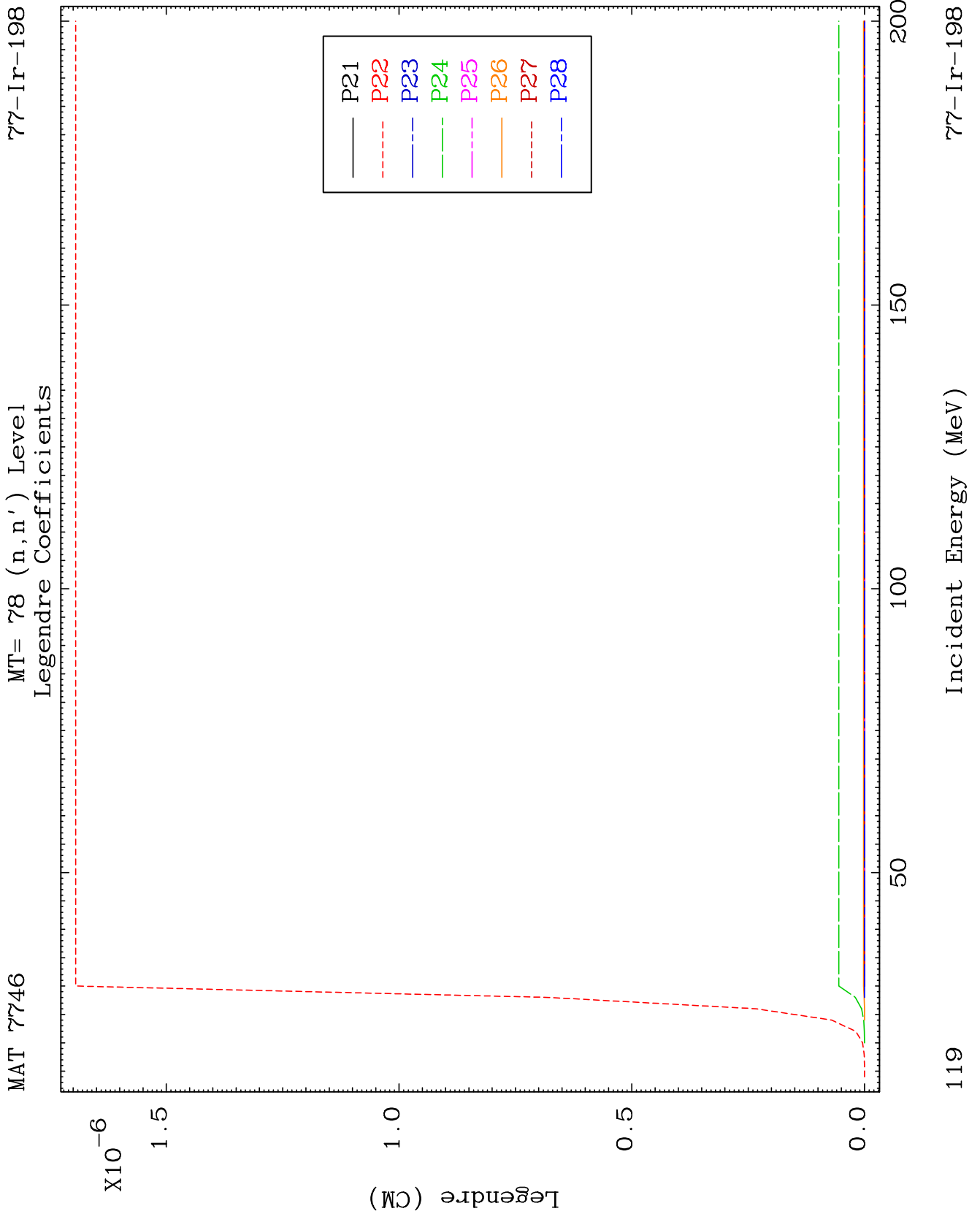
MT= 78 (n,n') Level
Legendre Coefficients

77-Ir-198



118

77-Ir-198

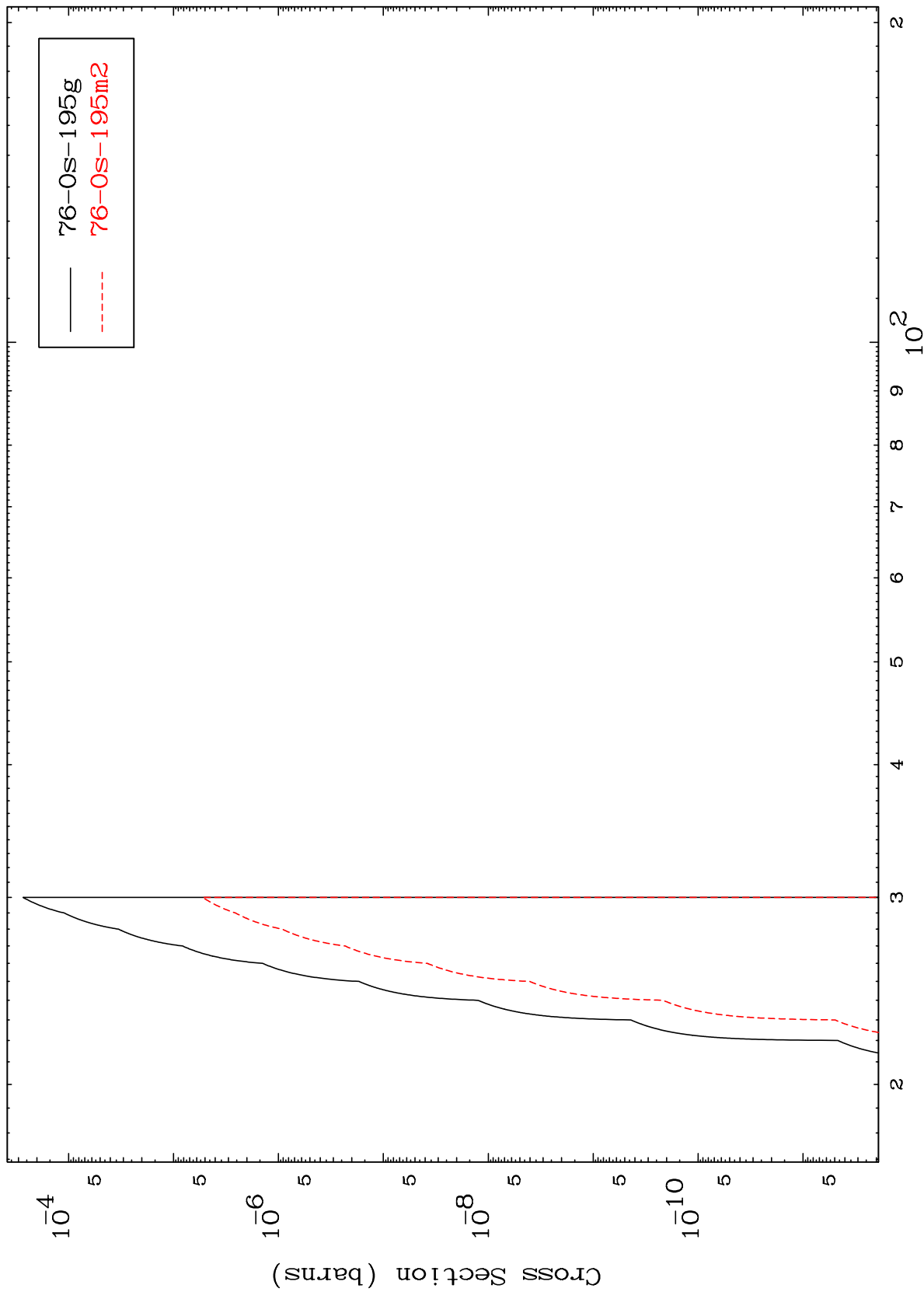


MAT 7746

(n,2n) d

77-Ir-198

Radionuclide Production Cross Section



120

Incident Energy (MeV)

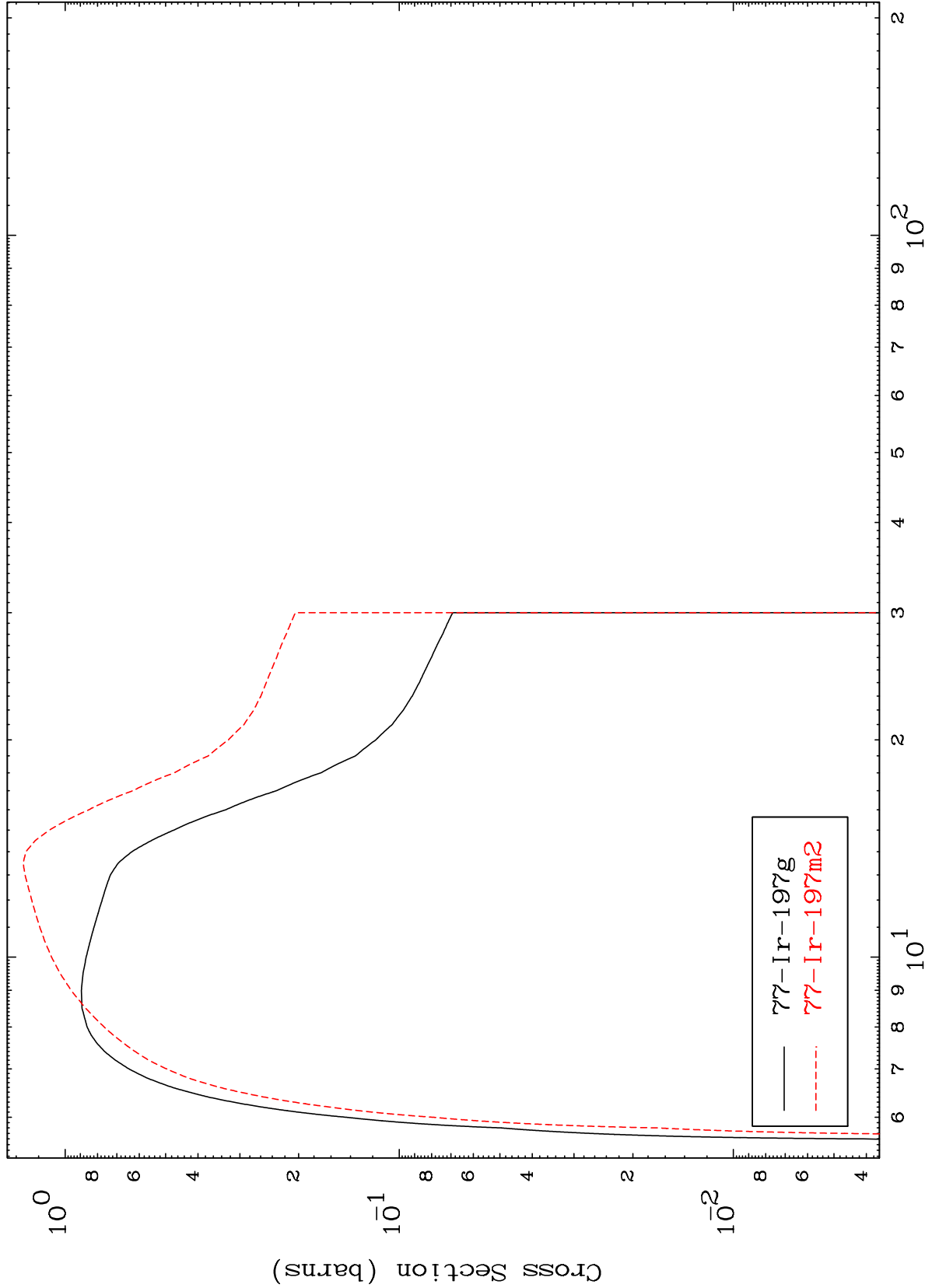
77-Ir-198

MAT 7746

(n,2n)

77-Ir-198

Radionuclide Production Cross Section



121

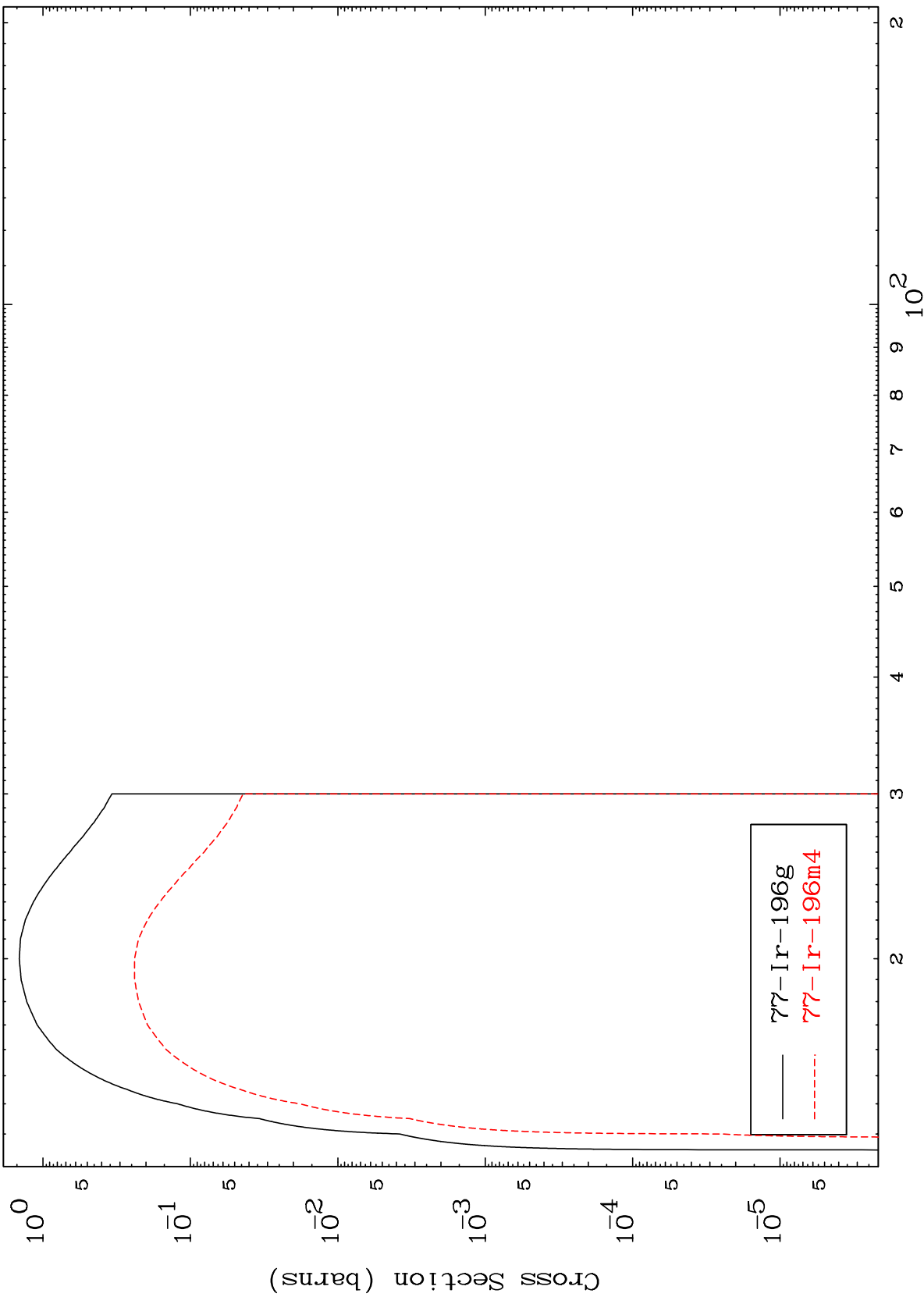
Incident Energy (MeV)

77-Ir-198

MAT 7746

77-Ir-198

(n,3n)
Radionuclide Production Cross Section



77-Ir-198

Incident Energy (MeV)

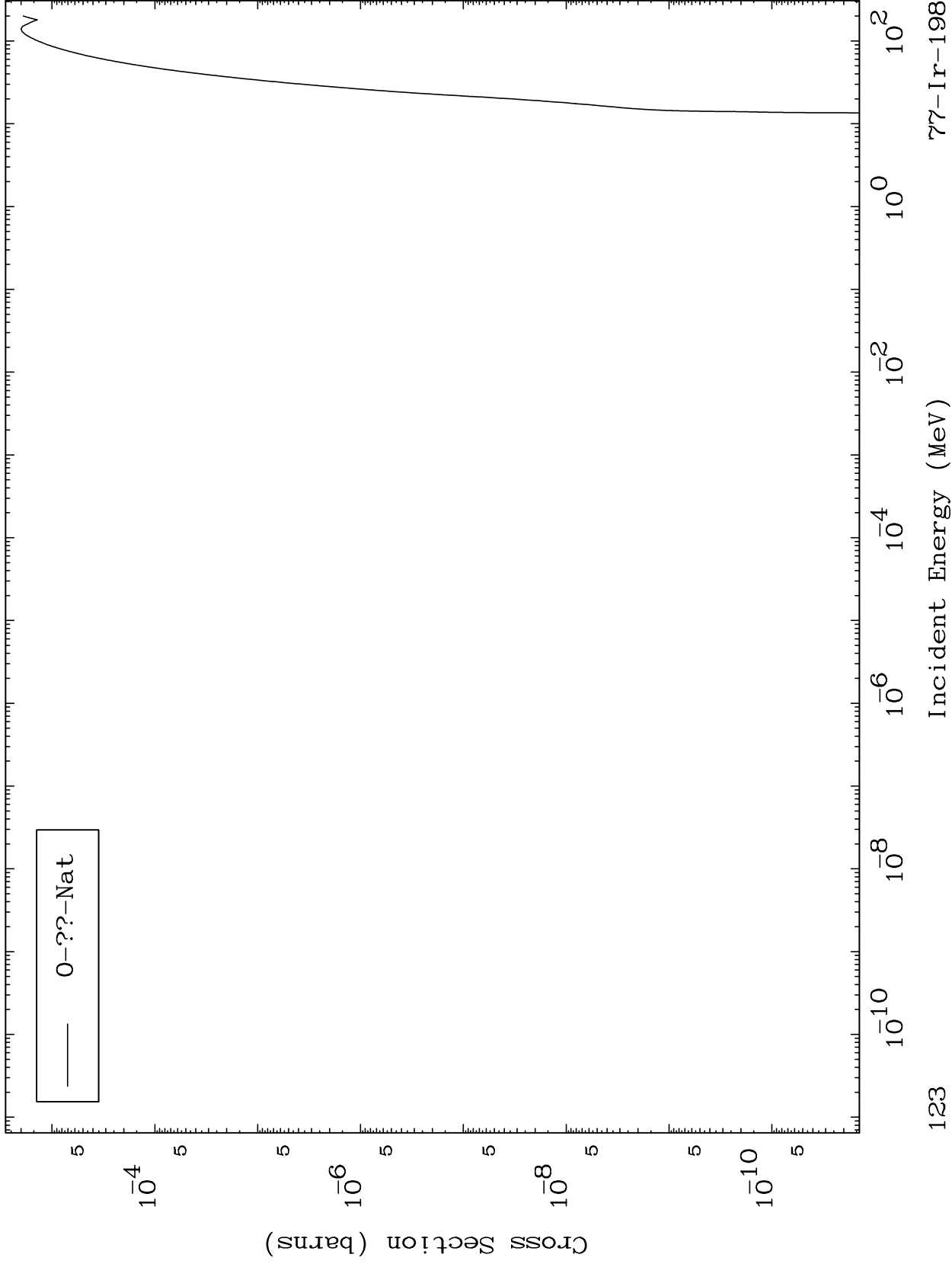
122

MAT 7746

Fission

77-Ir-198

Radionuclide Production Cross Section

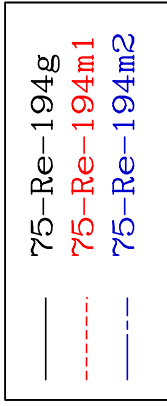
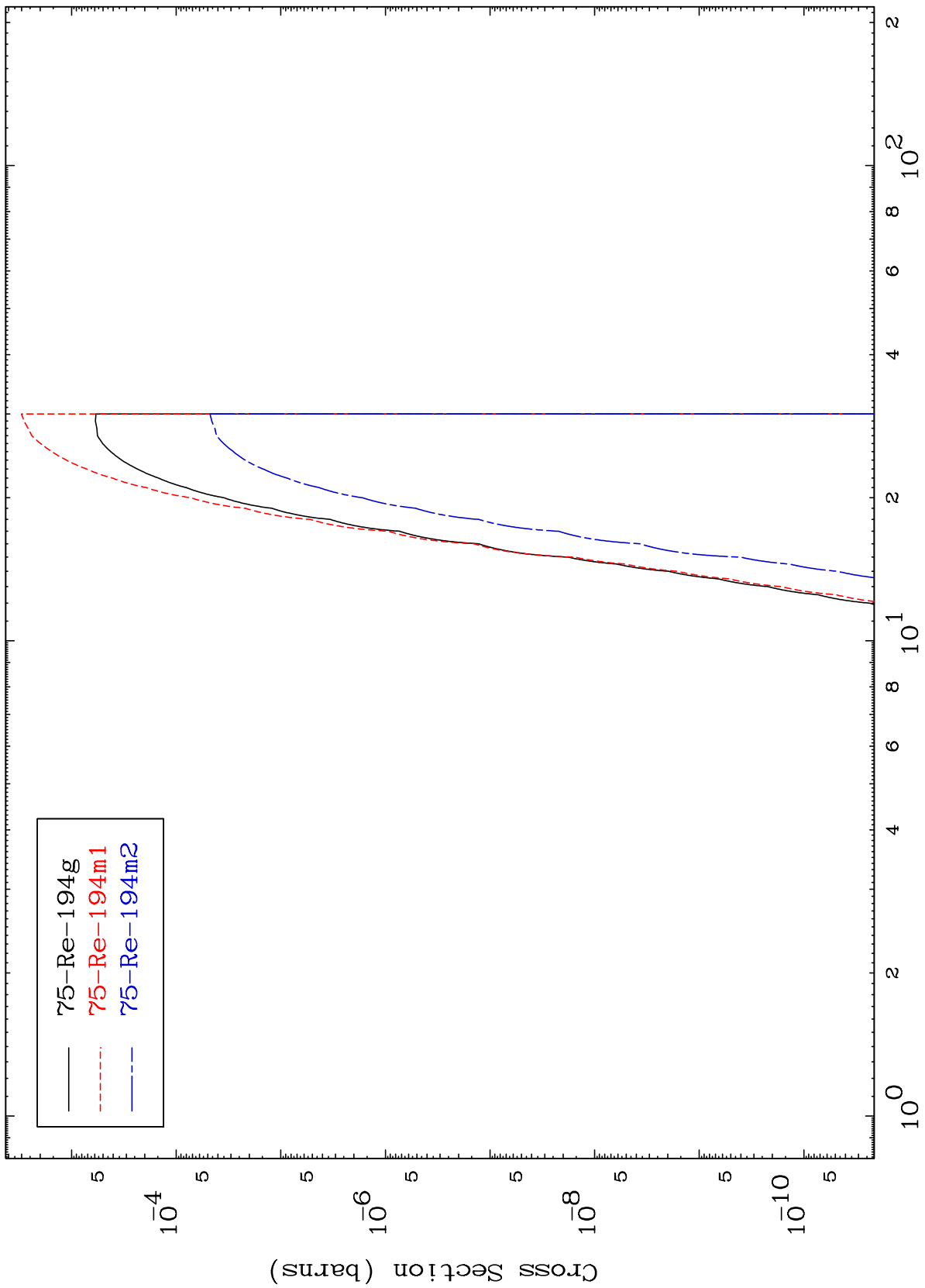


MAT 7746

(n,n') α

77-Ir-198

Radionuclide Production Cross Section



124

Incident Energy (MeV)

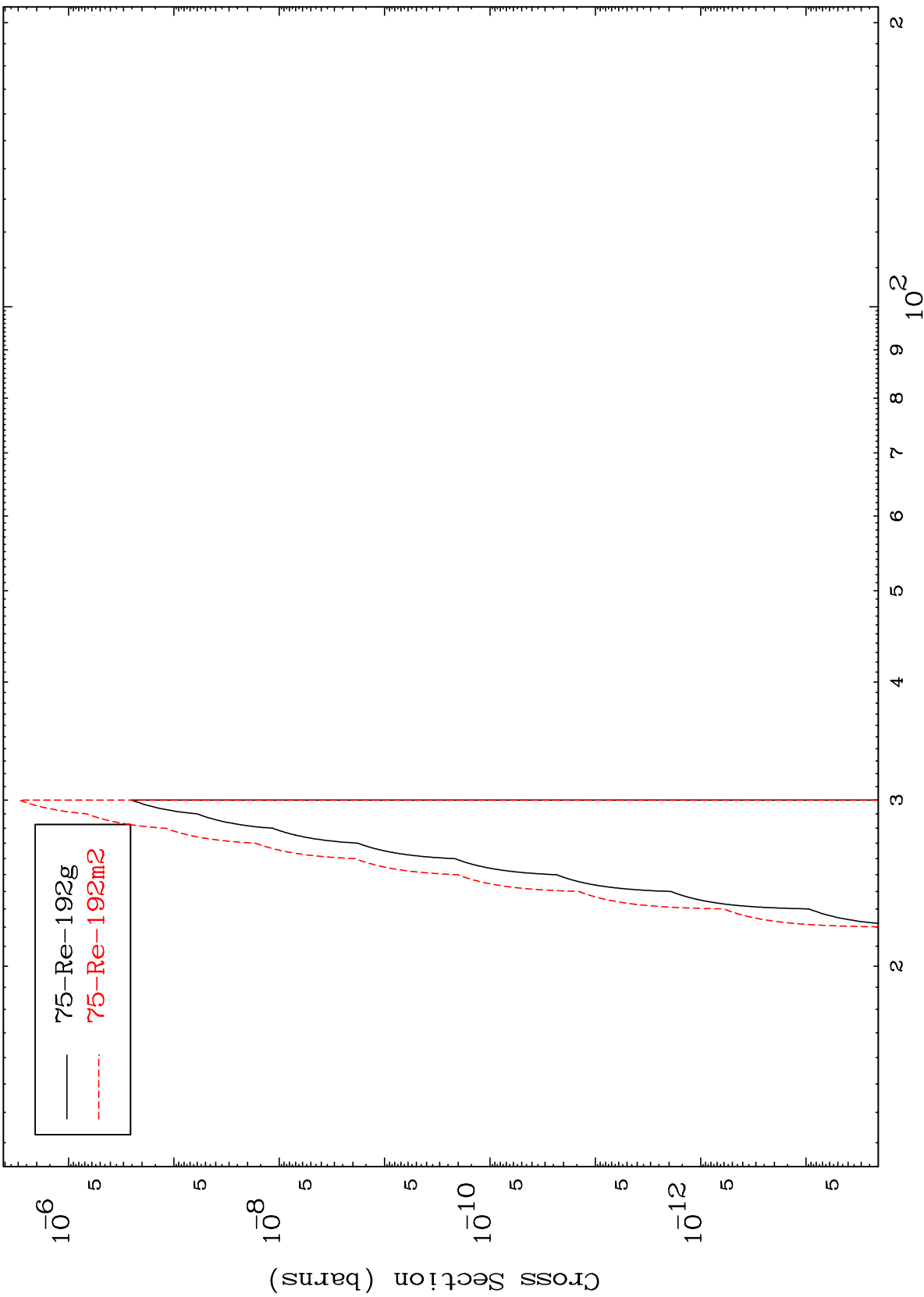
77-Ir-198

MAT 7746

(n,3n) α

⁷⁷Ir-198

Radionuclide Production Cross Section



125

Incident Energy (MeV)

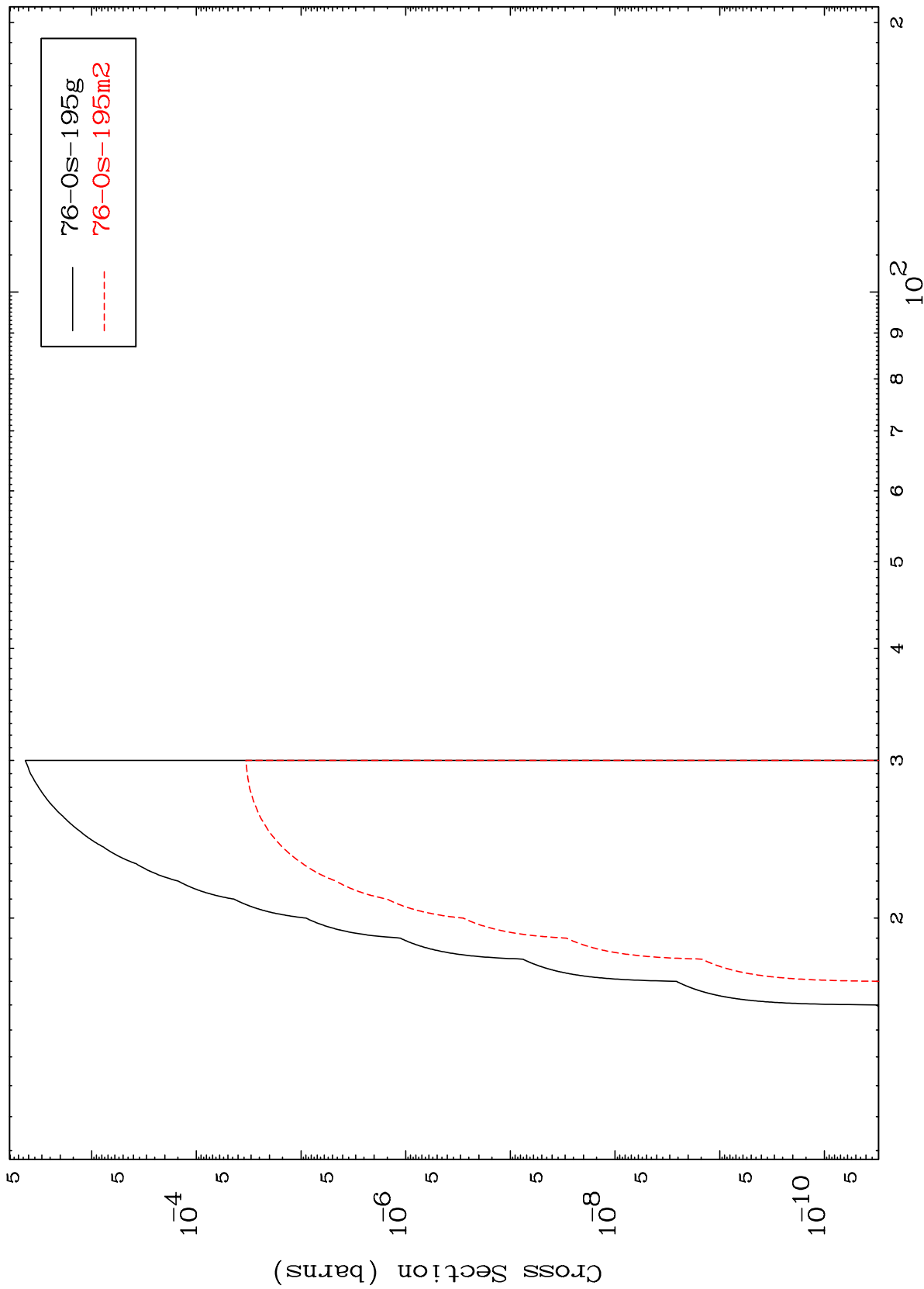
⁷⁷Ir-198

MAT 7746

(n,n') t

77-Ir-198

Radionuclide Production Cross Section



126

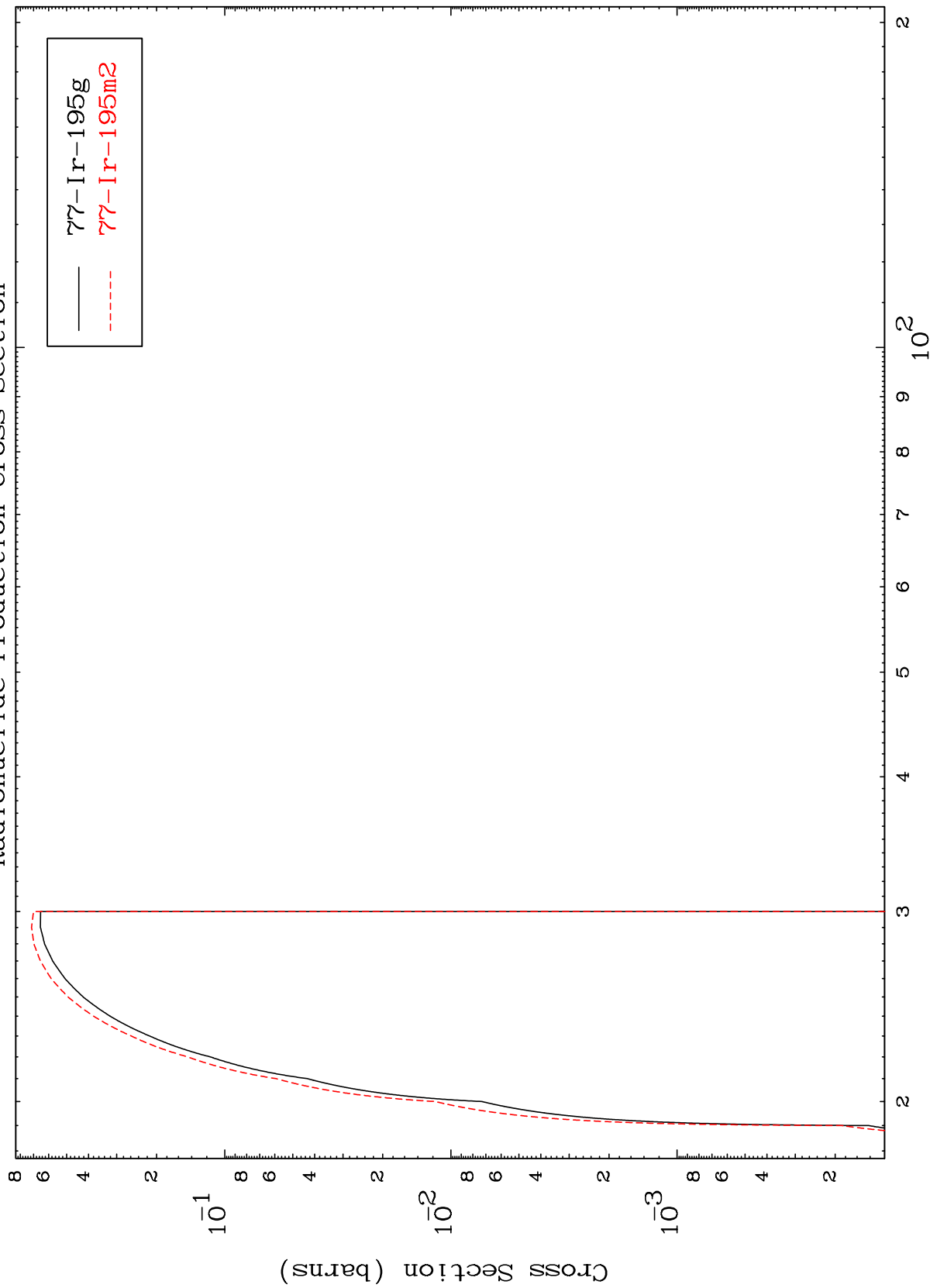
Incident Energy (MeV)

77-Ir-198

MAT 7746

77-Ir-198

(n,4n)
Radionuclide Production Cross Section



127

Incident Energy (MeV)

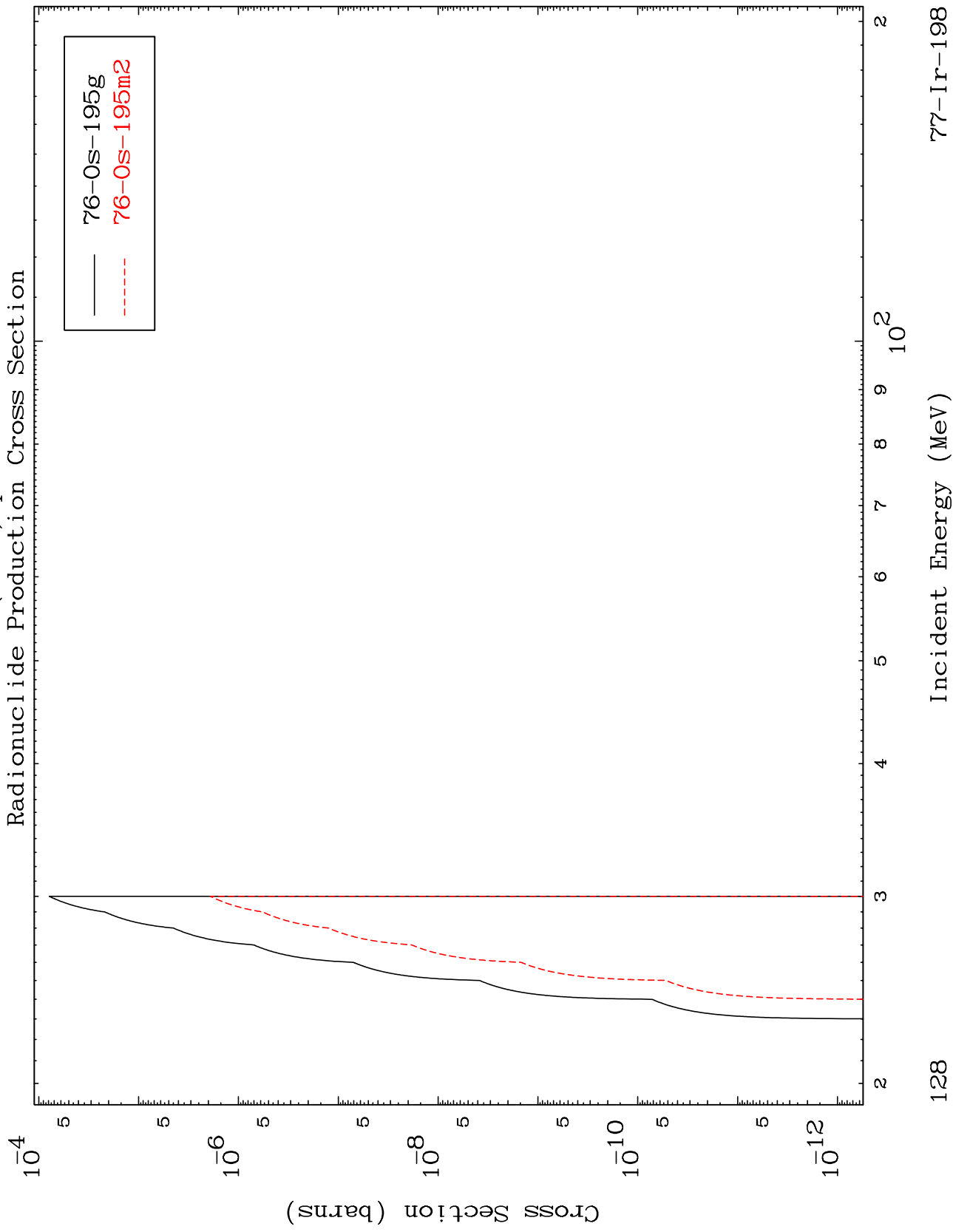
77-Ir-198

MAT 7746

(n,3n) p

77-Ir-198

Radionuclide Production Cross Section



128

Incident Energy (MeV)

77-Ir-198