

Program EVALPLOT
(Version 2021-1)

by

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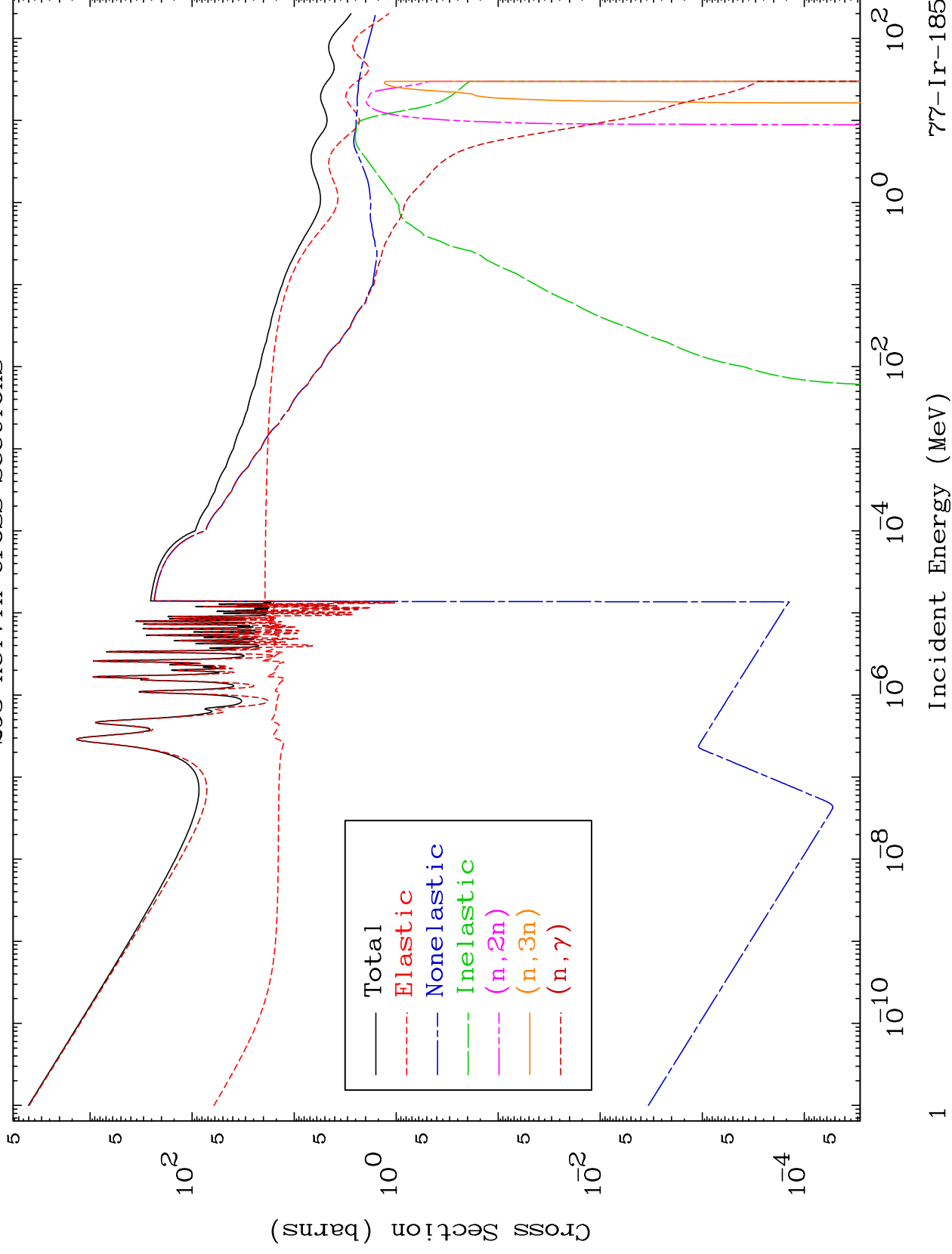
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7707

Neutron Major
293 Kelvin Cross Sections

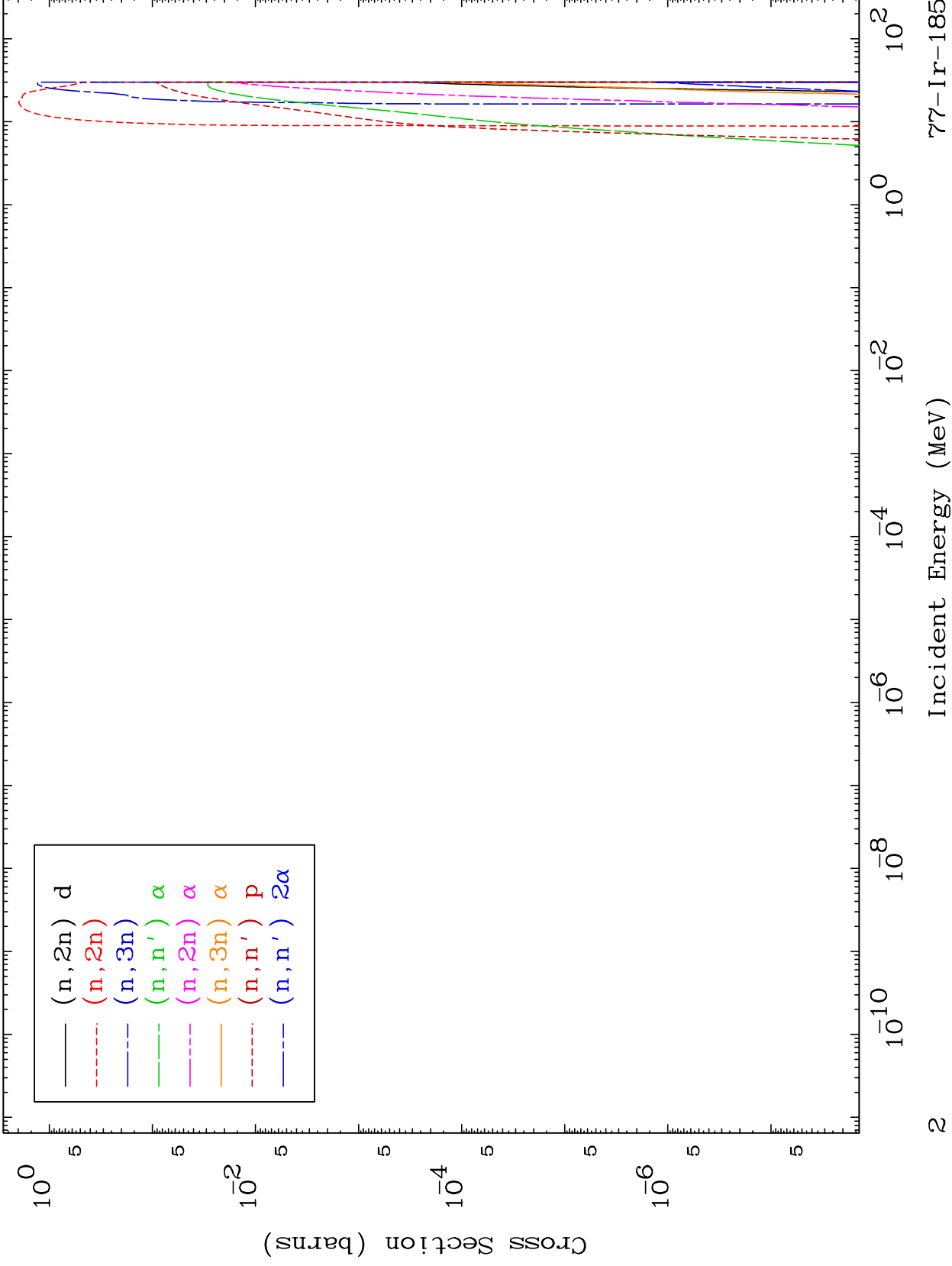
77-Ir-185



MAT 7707

Neutron Absorption
293 Kelvin Cross Sections

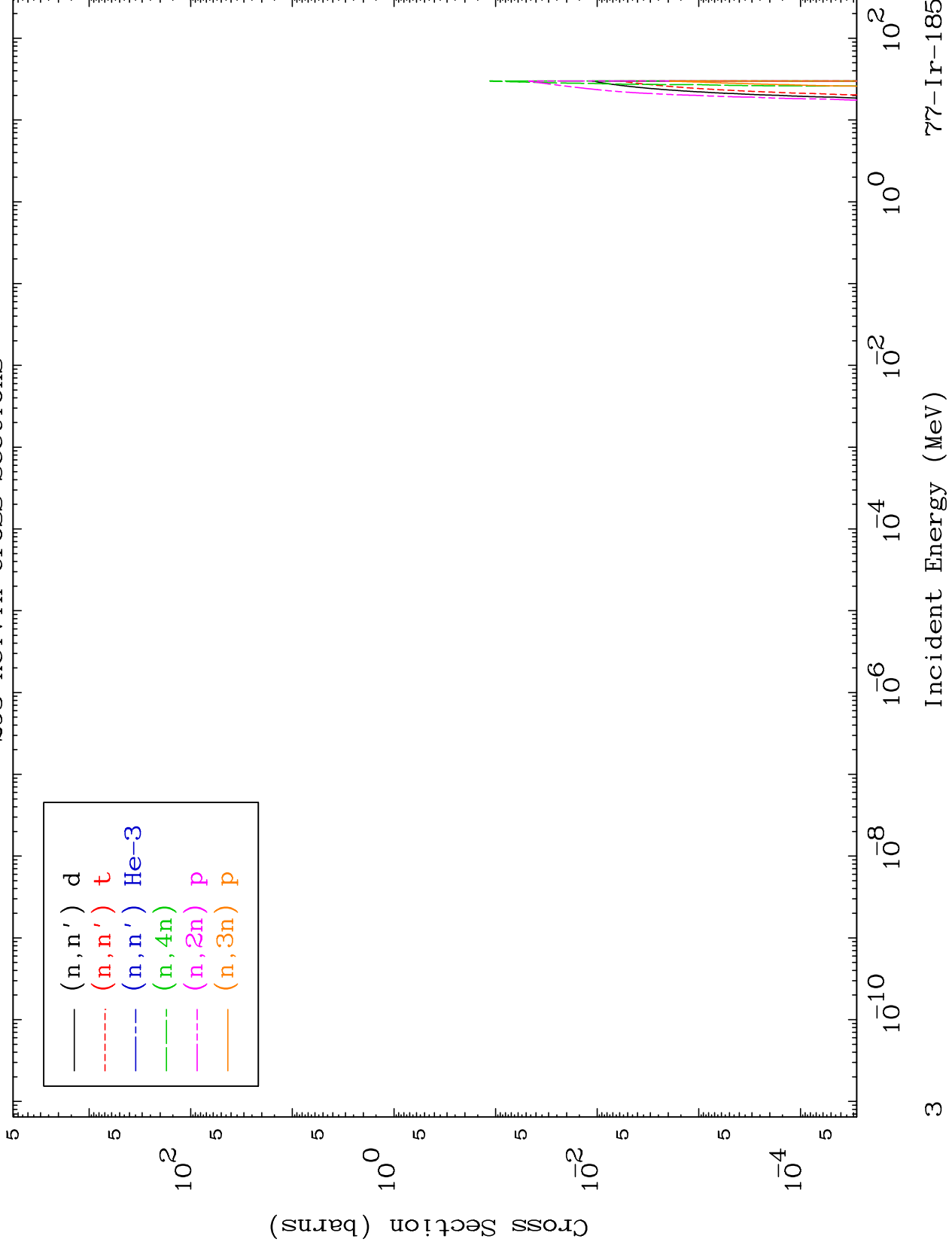
77-Ir-185



MAT 7707

Neutron Absorption
293 Kelvin Cross Sections

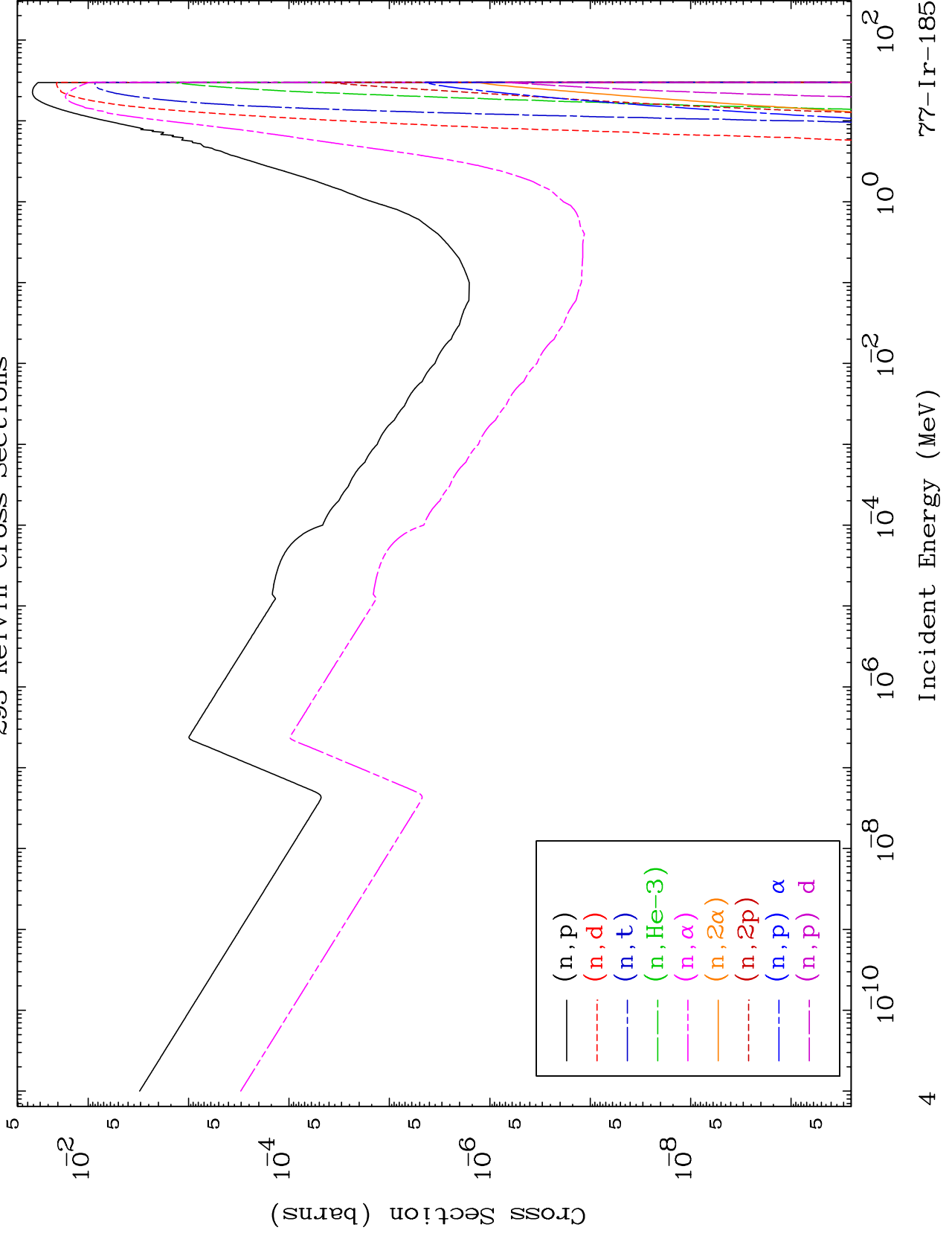
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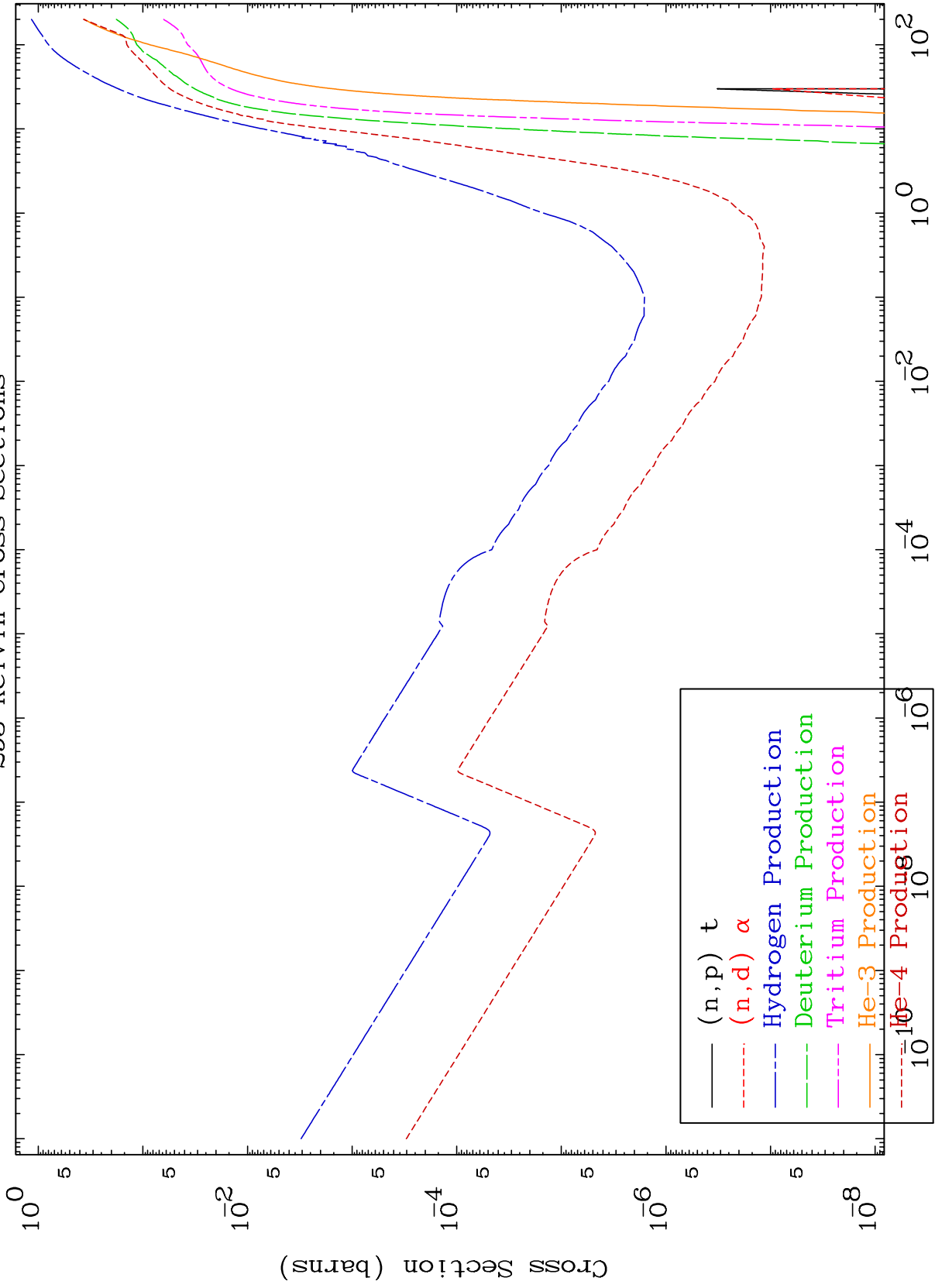


MAT 7707

Neutron Absorption
293 Kelvin Cross Sections

77-Ir-185

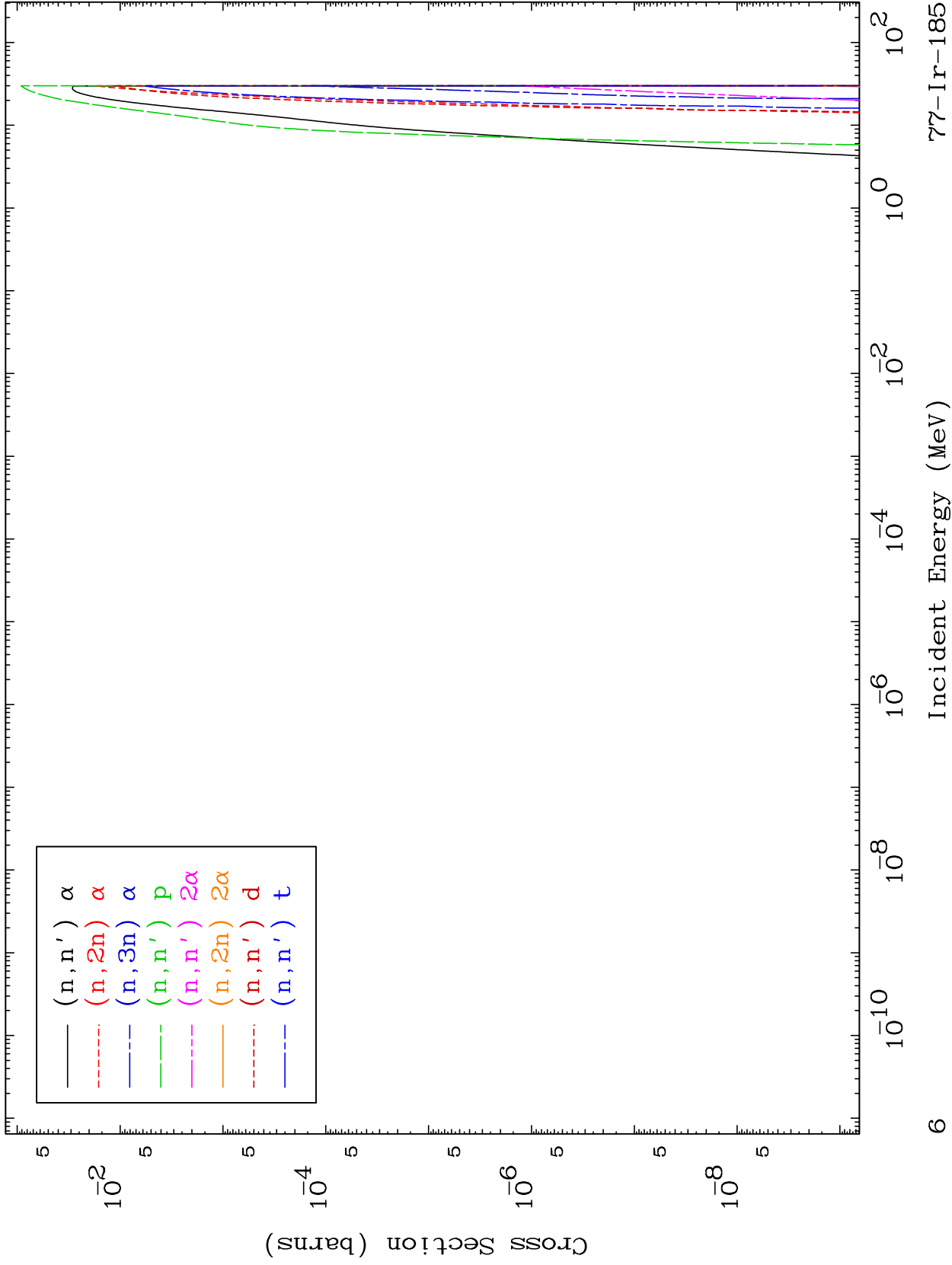




MAT 7707

Charged Particle
293 Kelvin Cross Sections

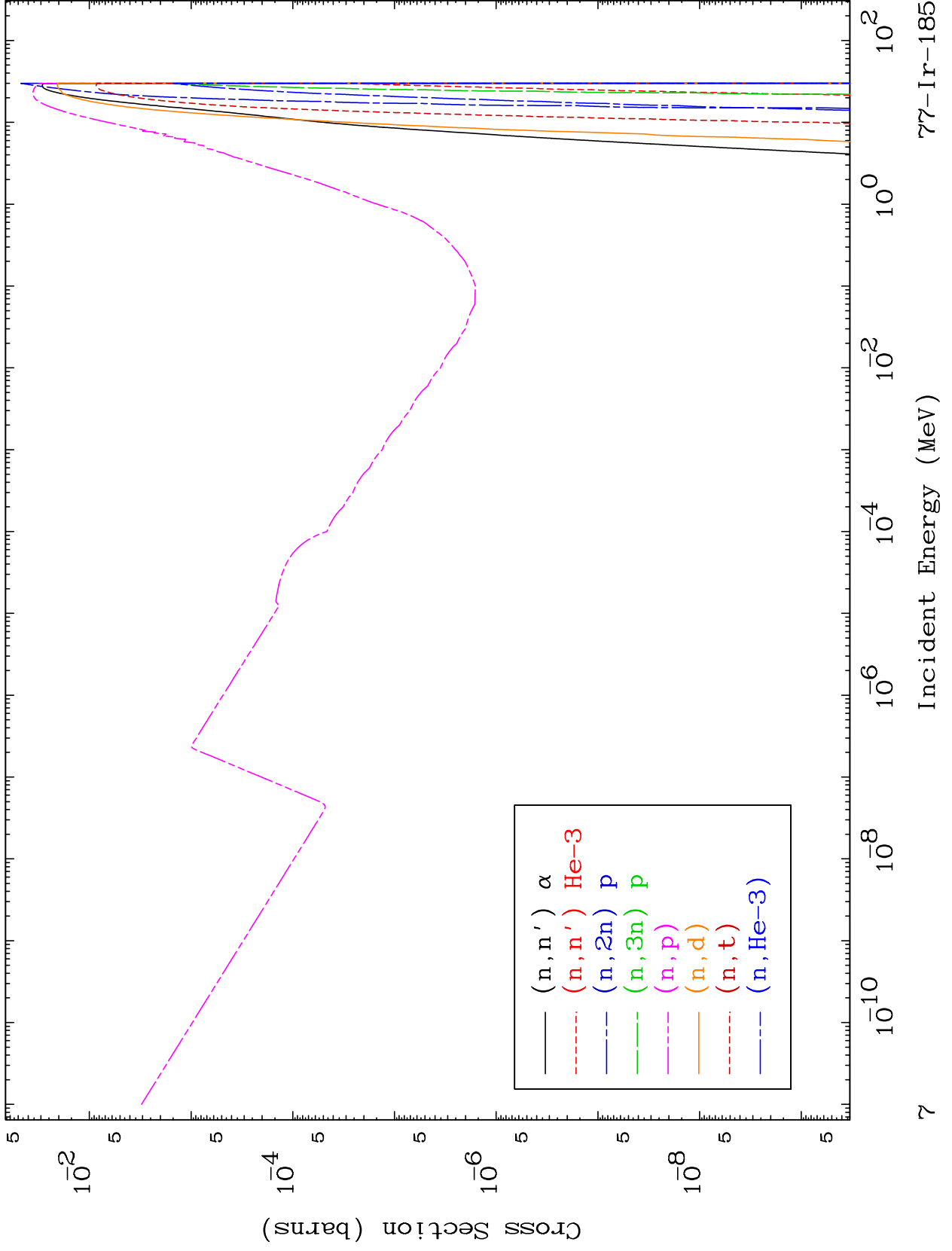
77-Ir-185



MAT 7707

Charged Particle
293 Kelvin Cross Sections

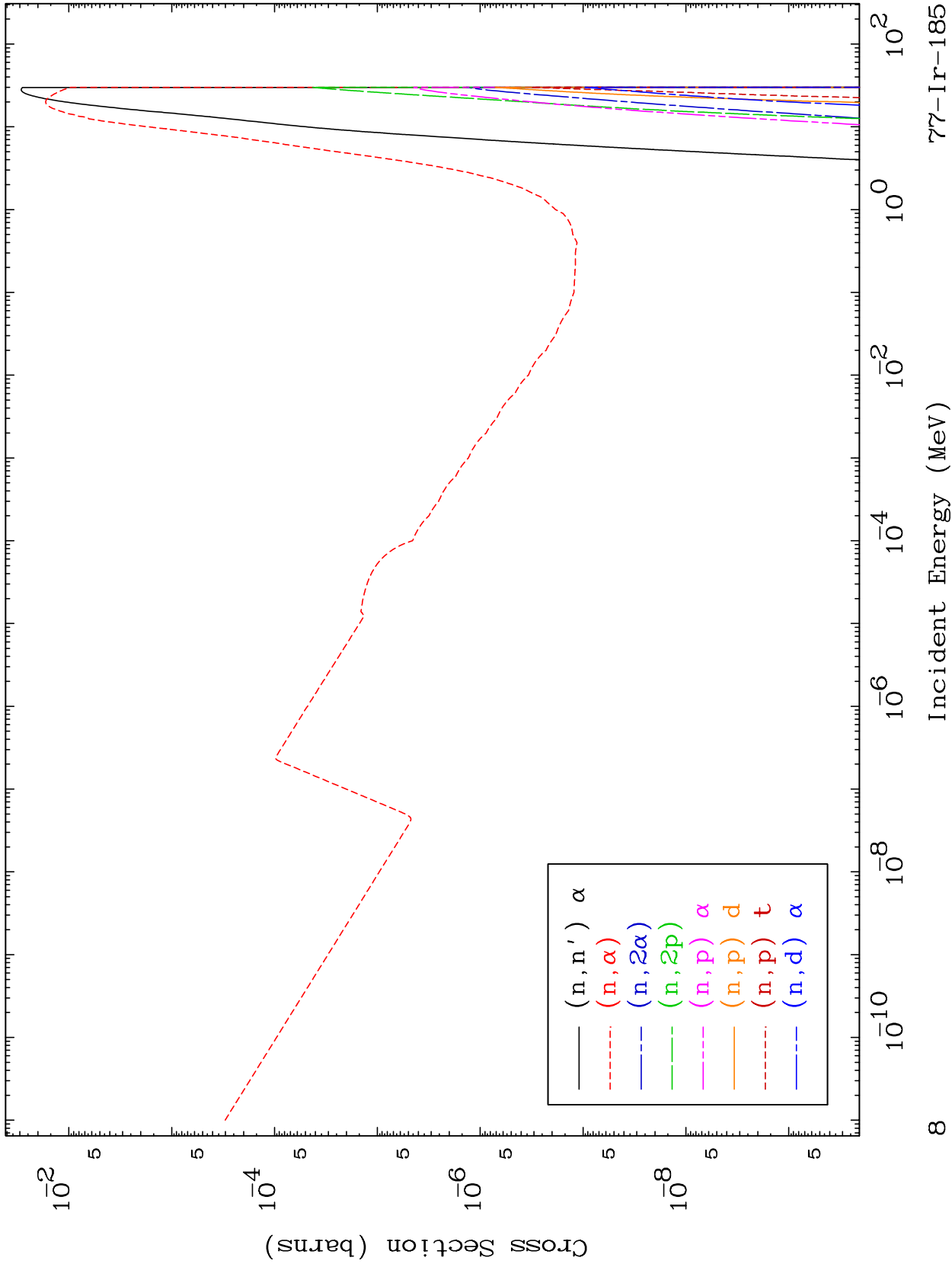
77-Ir-185

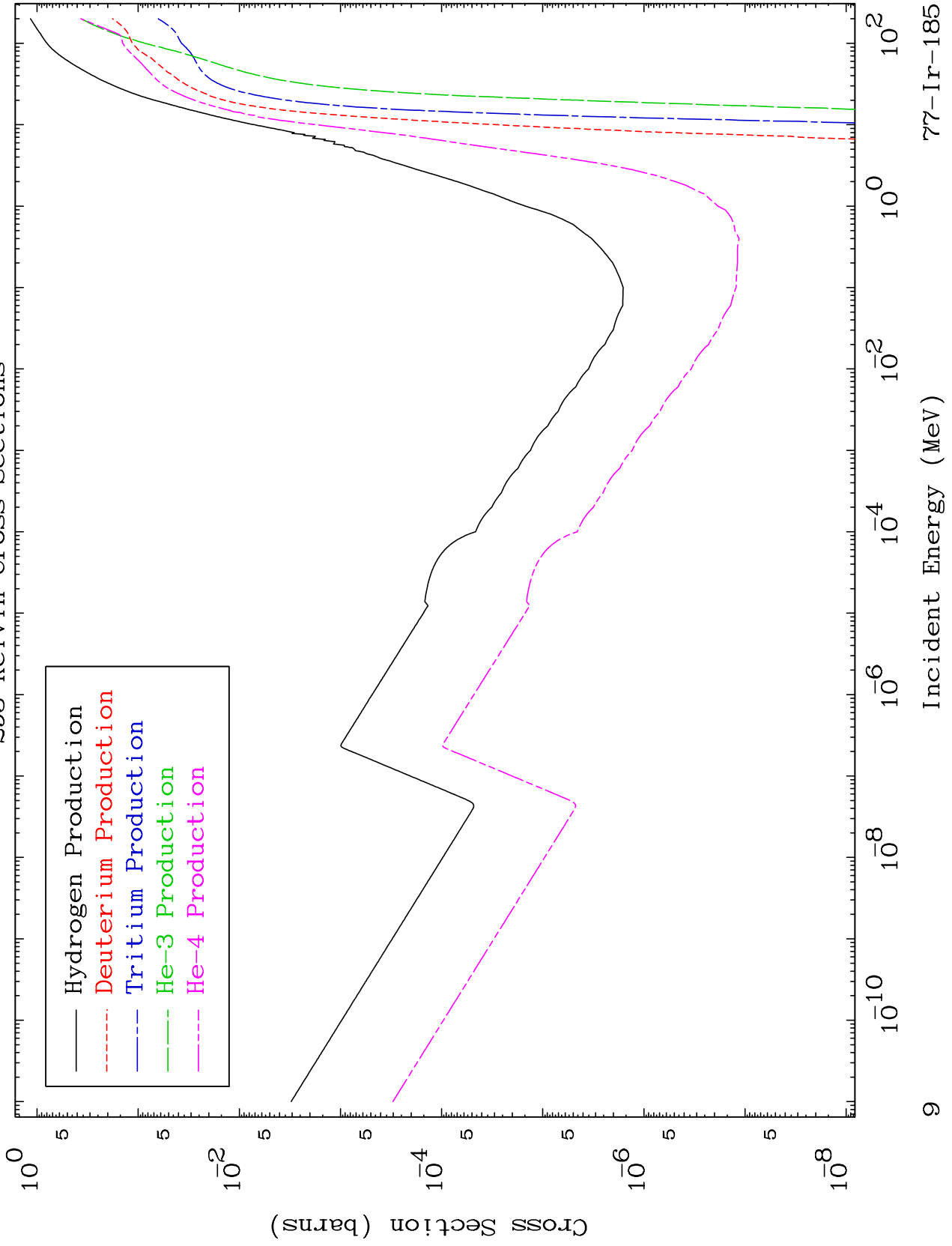


MAT 7707

Charged Particle
293 Kelvin Cross Sections

77-Ir-185

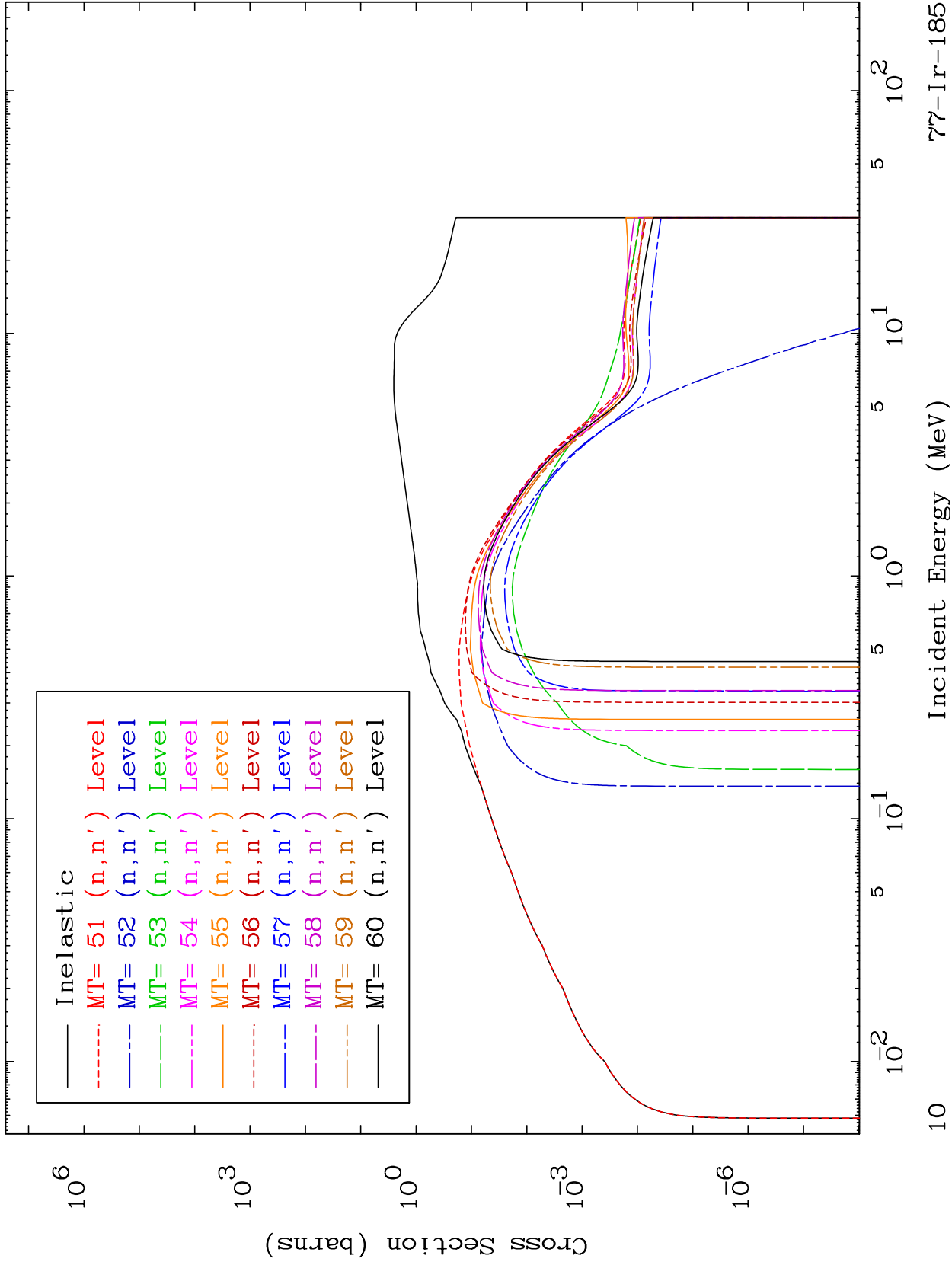




MAT 7707

(n,n') Levels
293 Kelvin Cross Sections

77-Ir-185

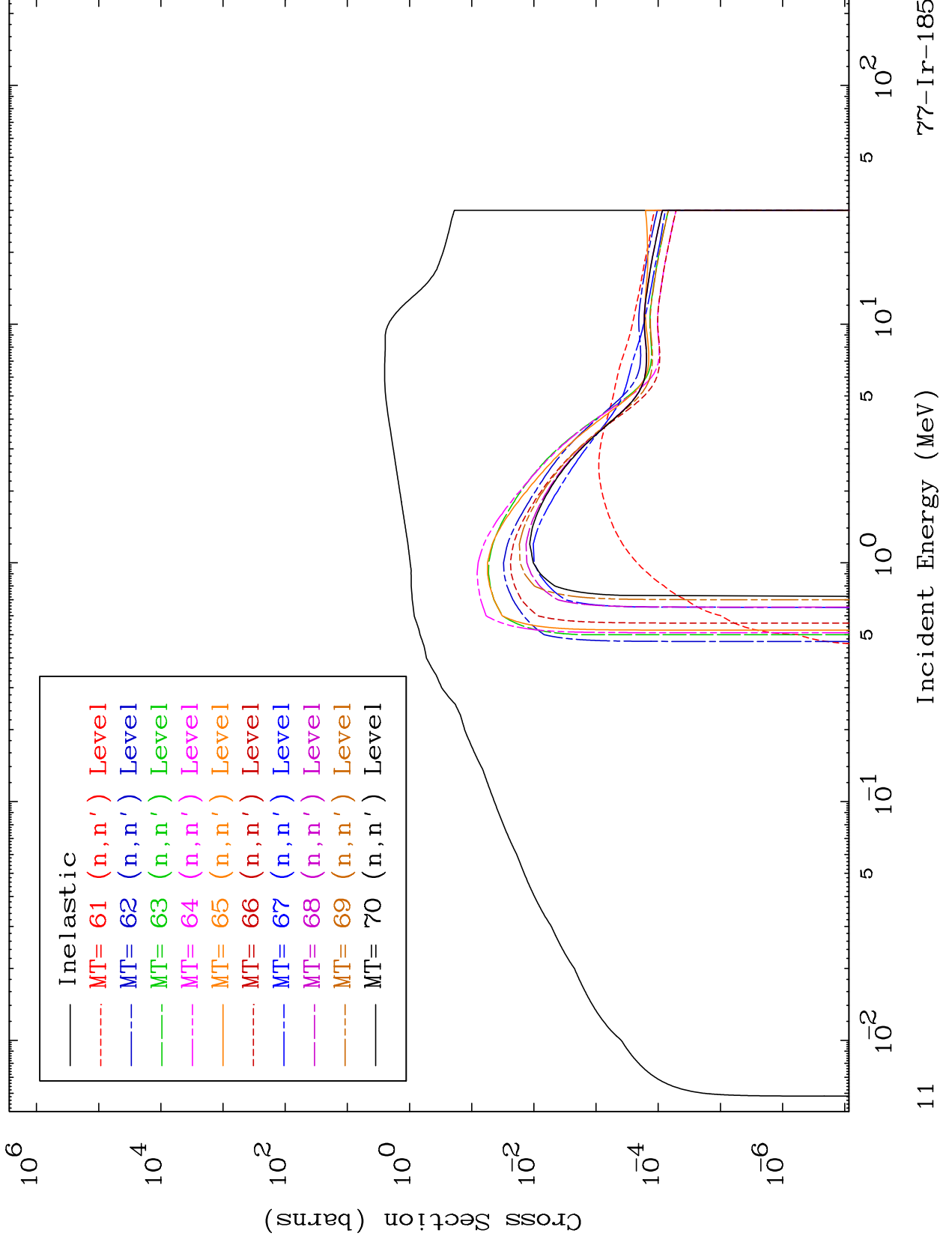


77-Ir-185

MAT 7707

(n,n') Levels
293 Kelvin Cross Sections

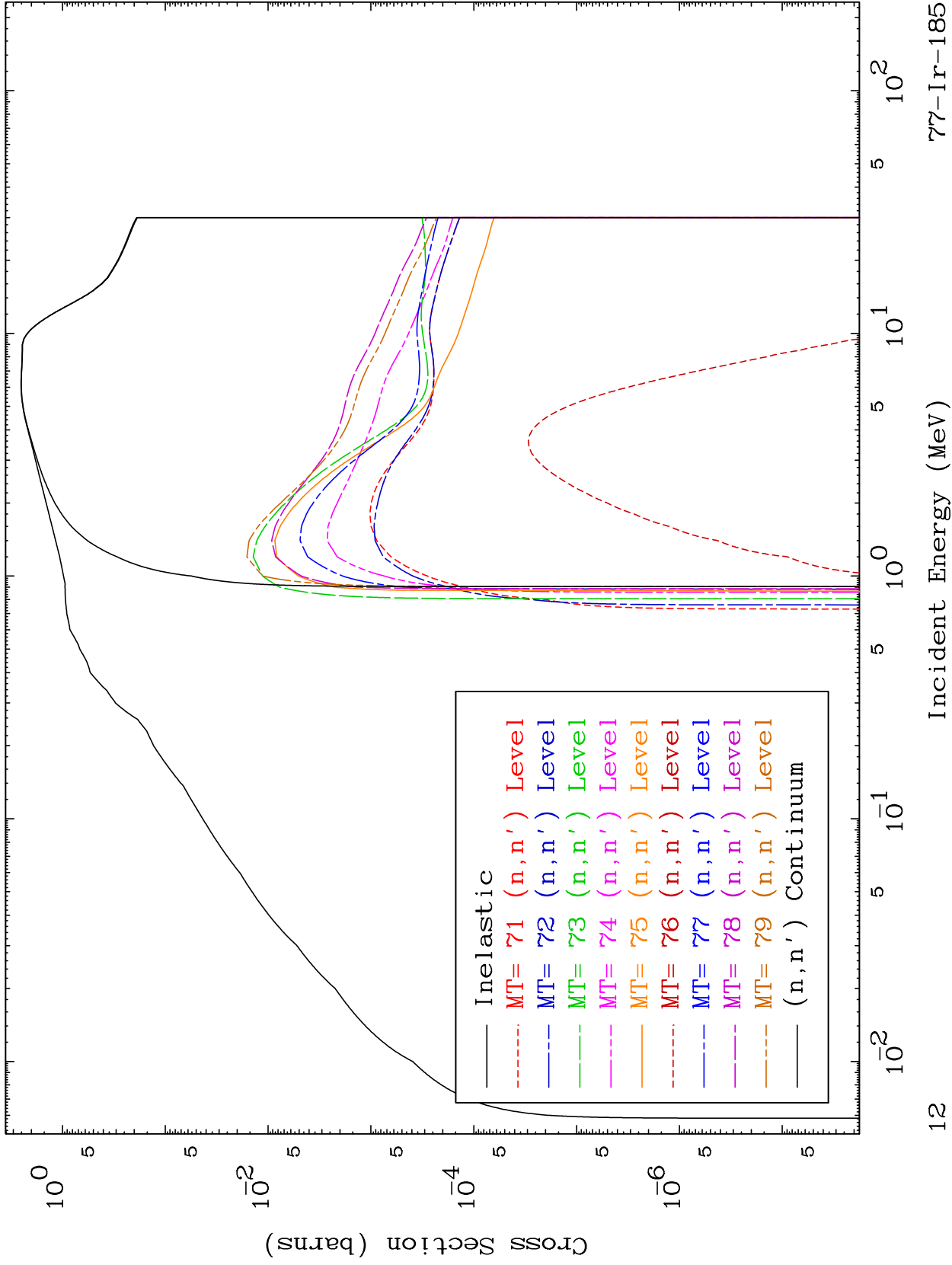
77-Ir-185



MAT 7707

(n,n') Levels
293 Kelvin Cross Sections

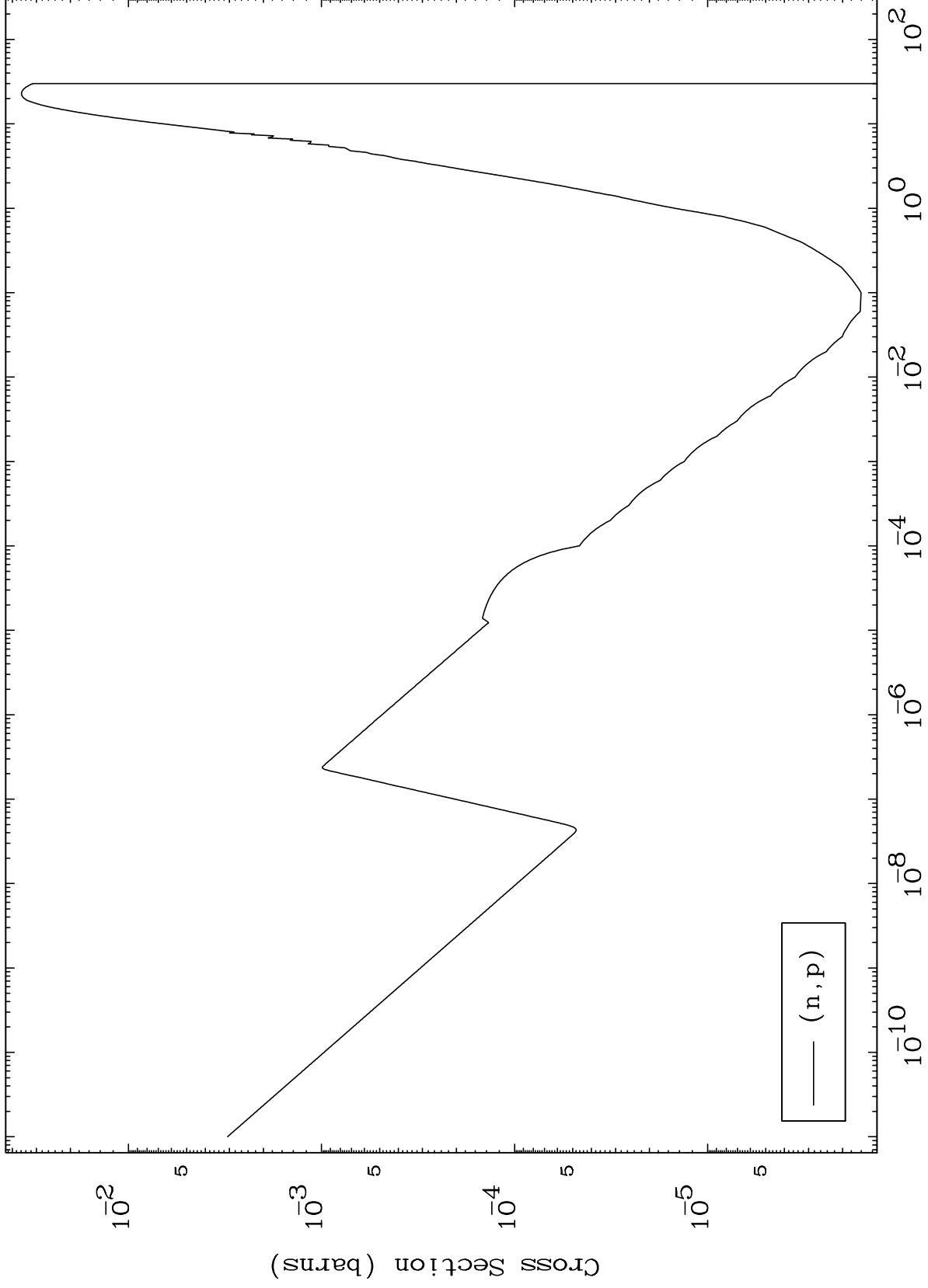
77-Ir-185



MAT 7707

(n,p) Levels
293 Kelvin Cross Sections

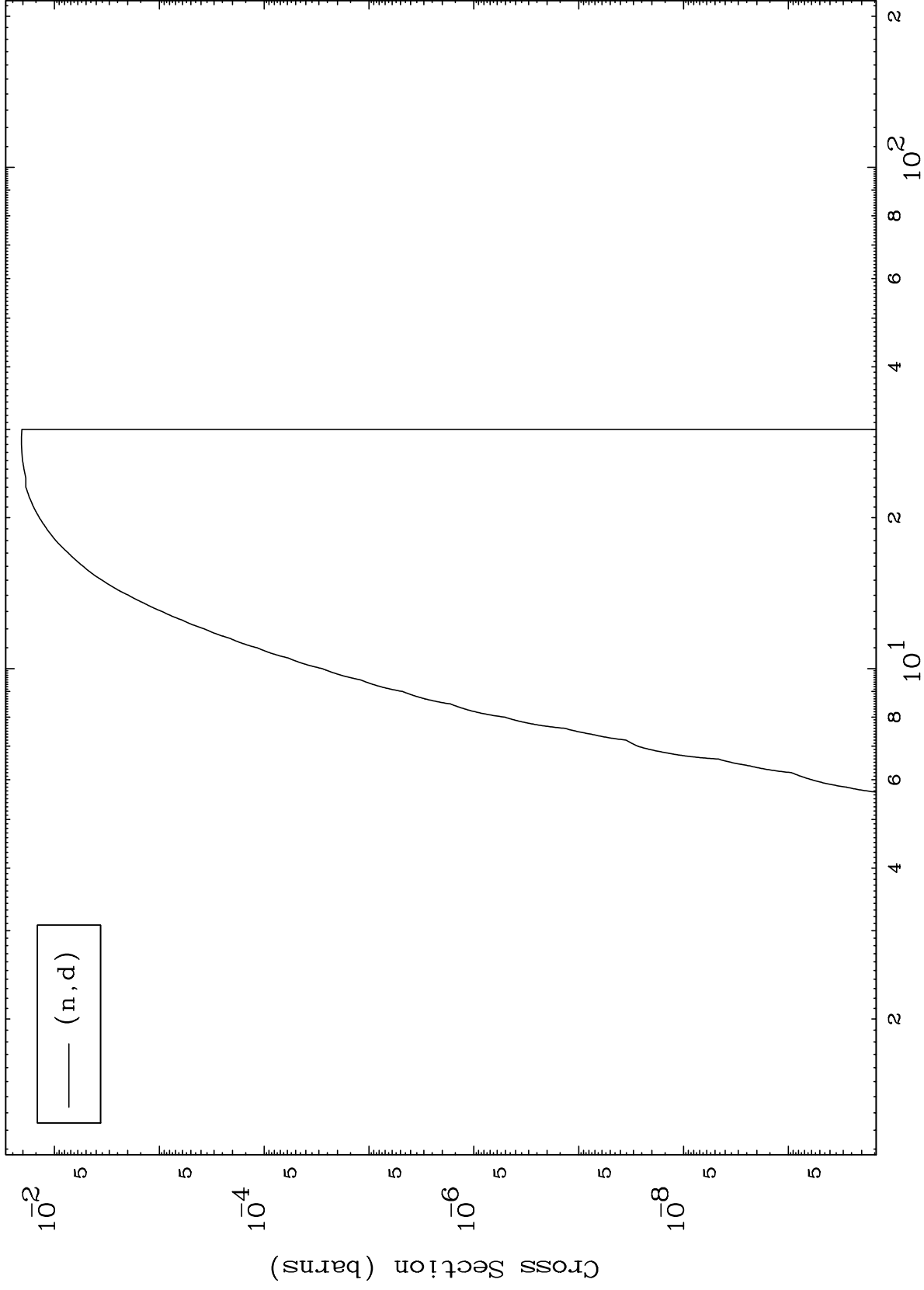
77-Ir-185



MAT 7707

(n,d) Levels
293 Kelvin Cross Sections

77-Ir-185



14

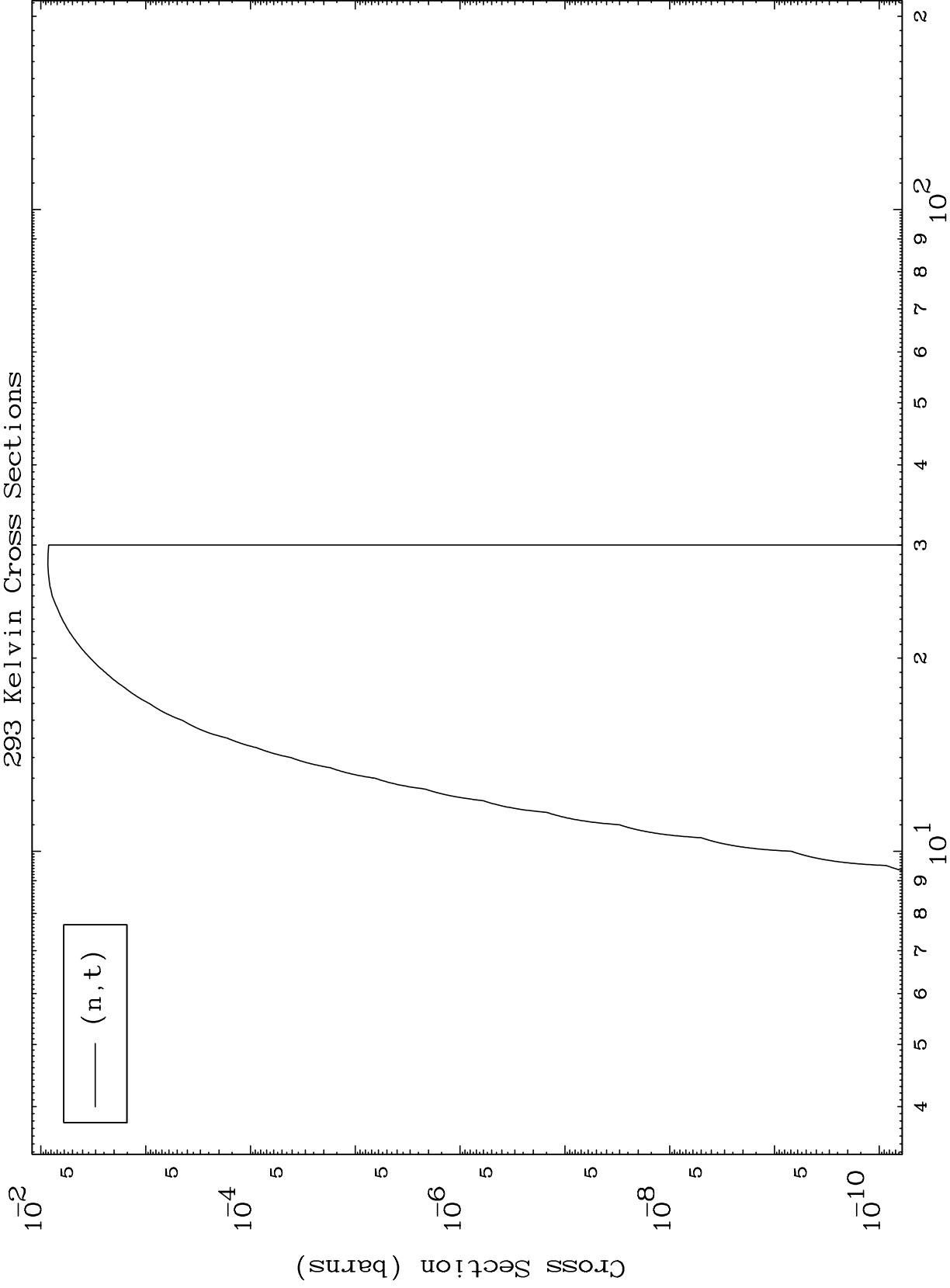
Incident Energy (MeV)

77-Ir-185

MAT 7707

(n,t) Levels
293 Kelvin Cross Sections

77-Ir-185



15

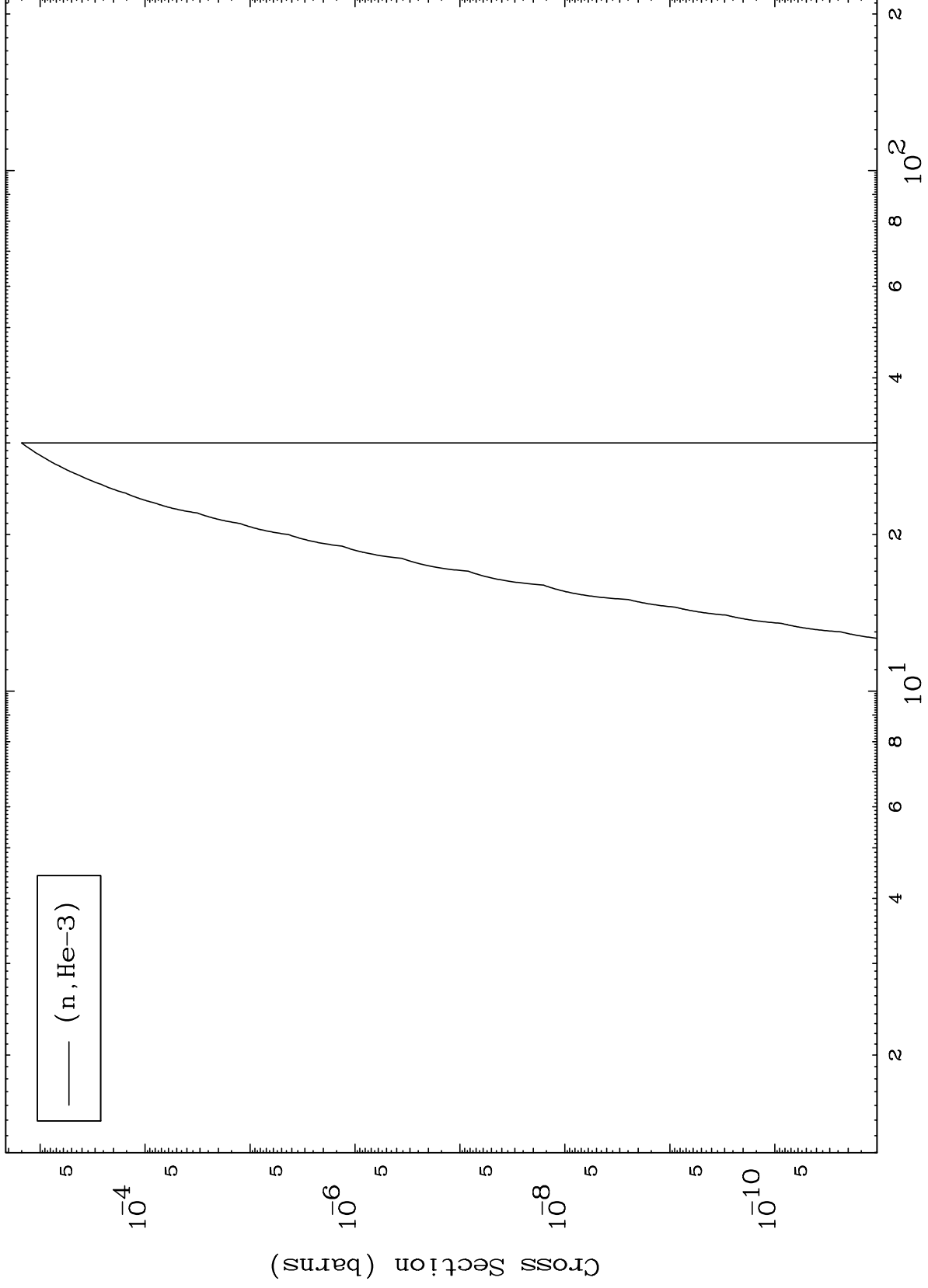
Incident Energy (MeV)

77-Ir-185

MAT 7707

(n,He3) Levels
293 Kelvin Cross Sections

77-Ir-185



16

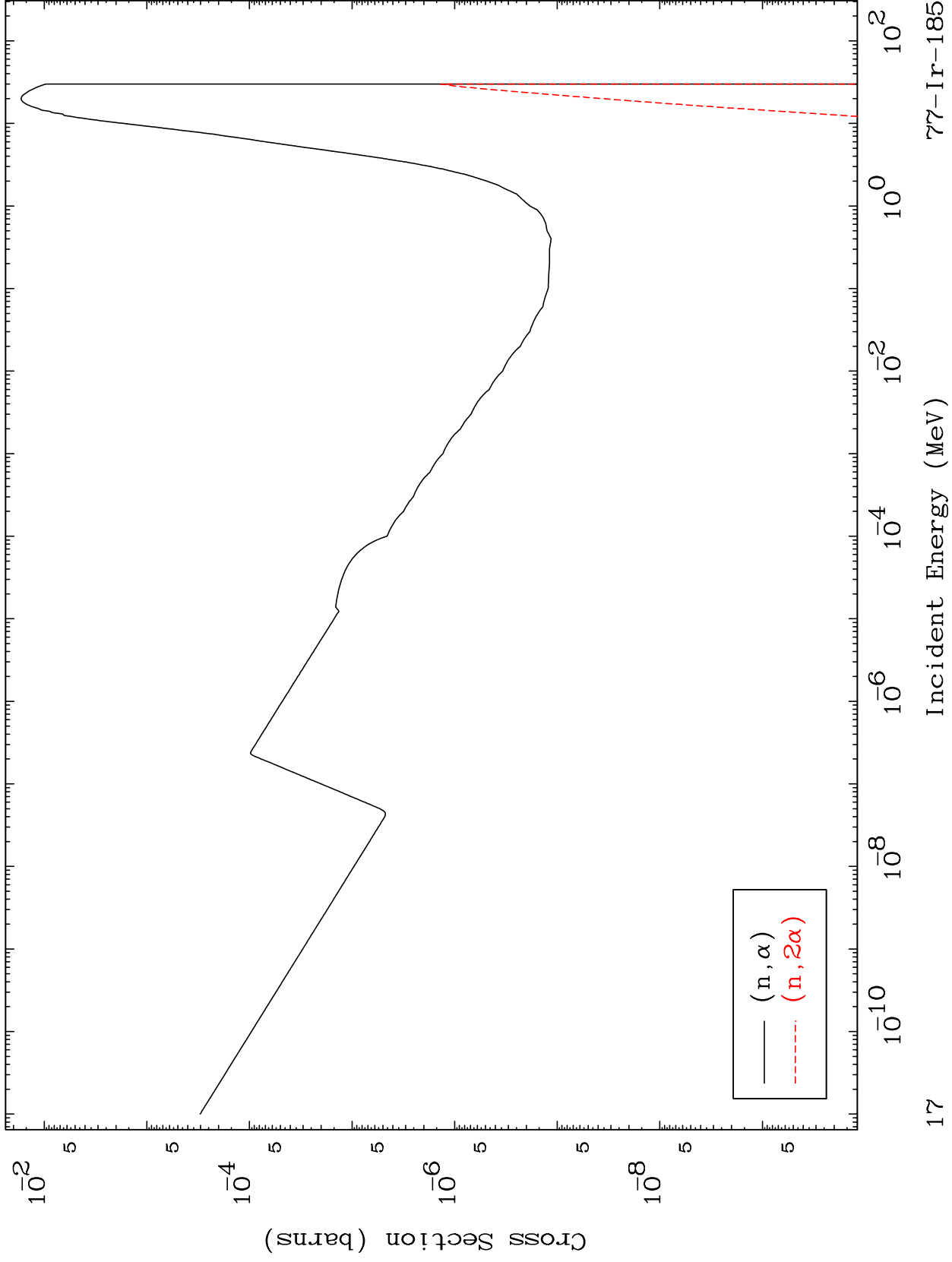
Incident Energy (MeV)

77-Ir-185

MAT 7707

(n, α) Levels
293 Kelvin Cross Sections

77-Ir-185



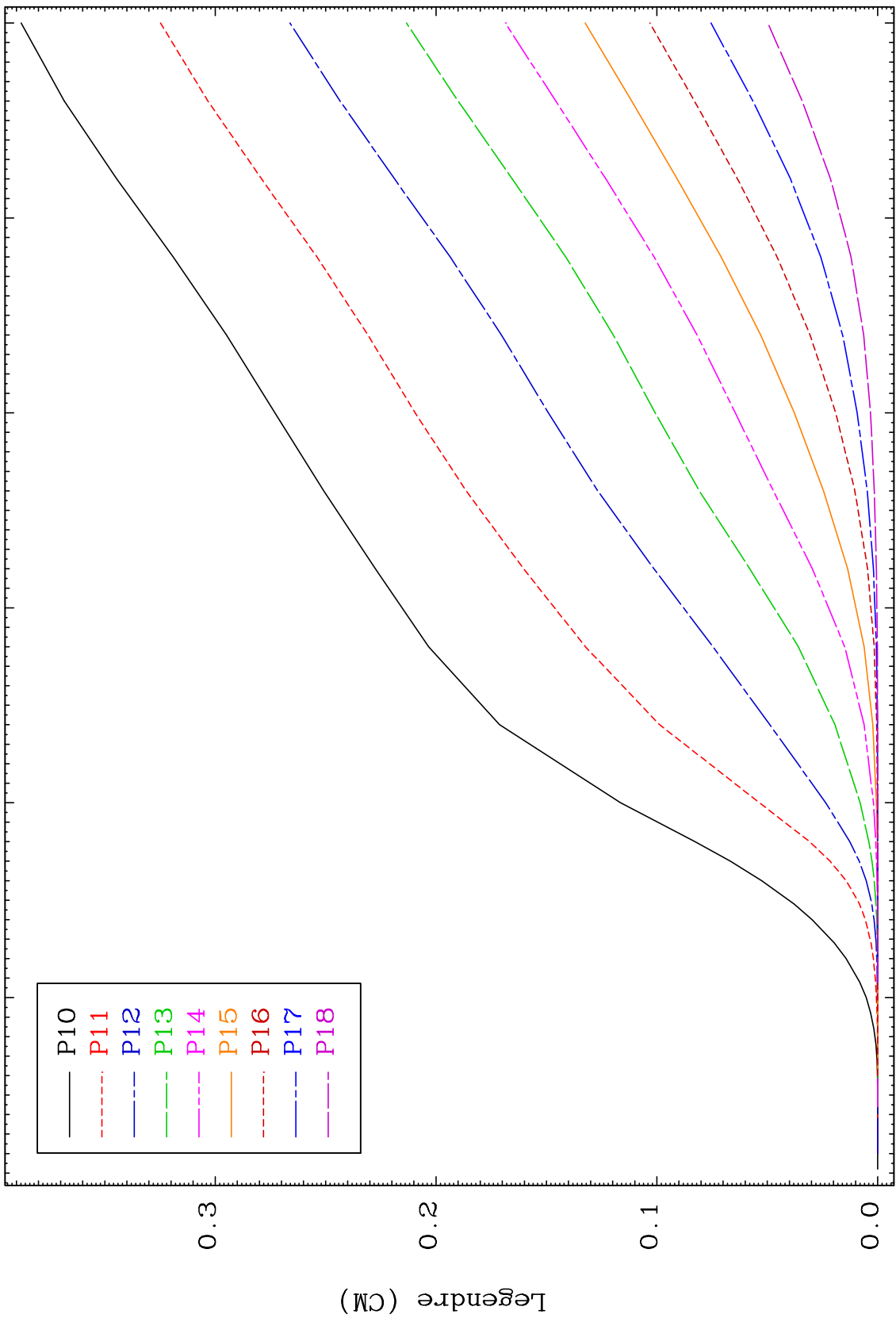
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77-Ir-185

MAT 7707

Elastic Legendre Coefficients

77-Ir-185



19

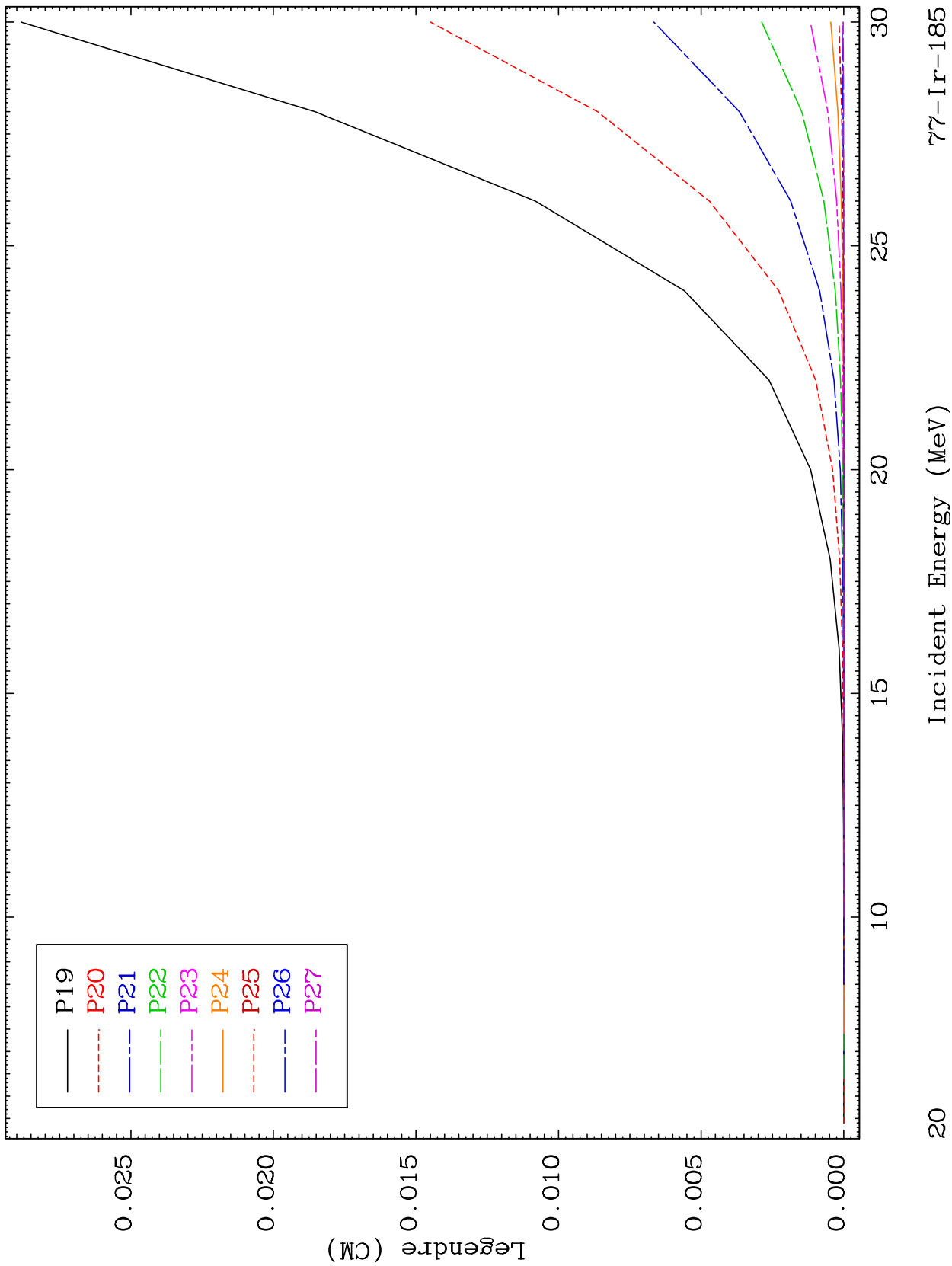
Incident Energy (MeV)

77-Ir-185

MAT 7707

Elastic Legendre Coefficients

77-Ir-185



20

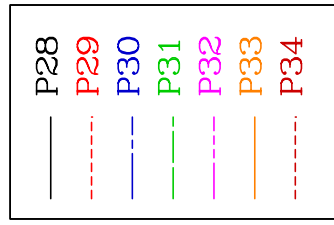
Incident Energy (MeV)

77-Ir-185

MAT 7707

Elastic
Legendre Coefficients

77-Ir-185



$\times 10^{-6}$

Legendre (CM)

6

4

2

0

15

20

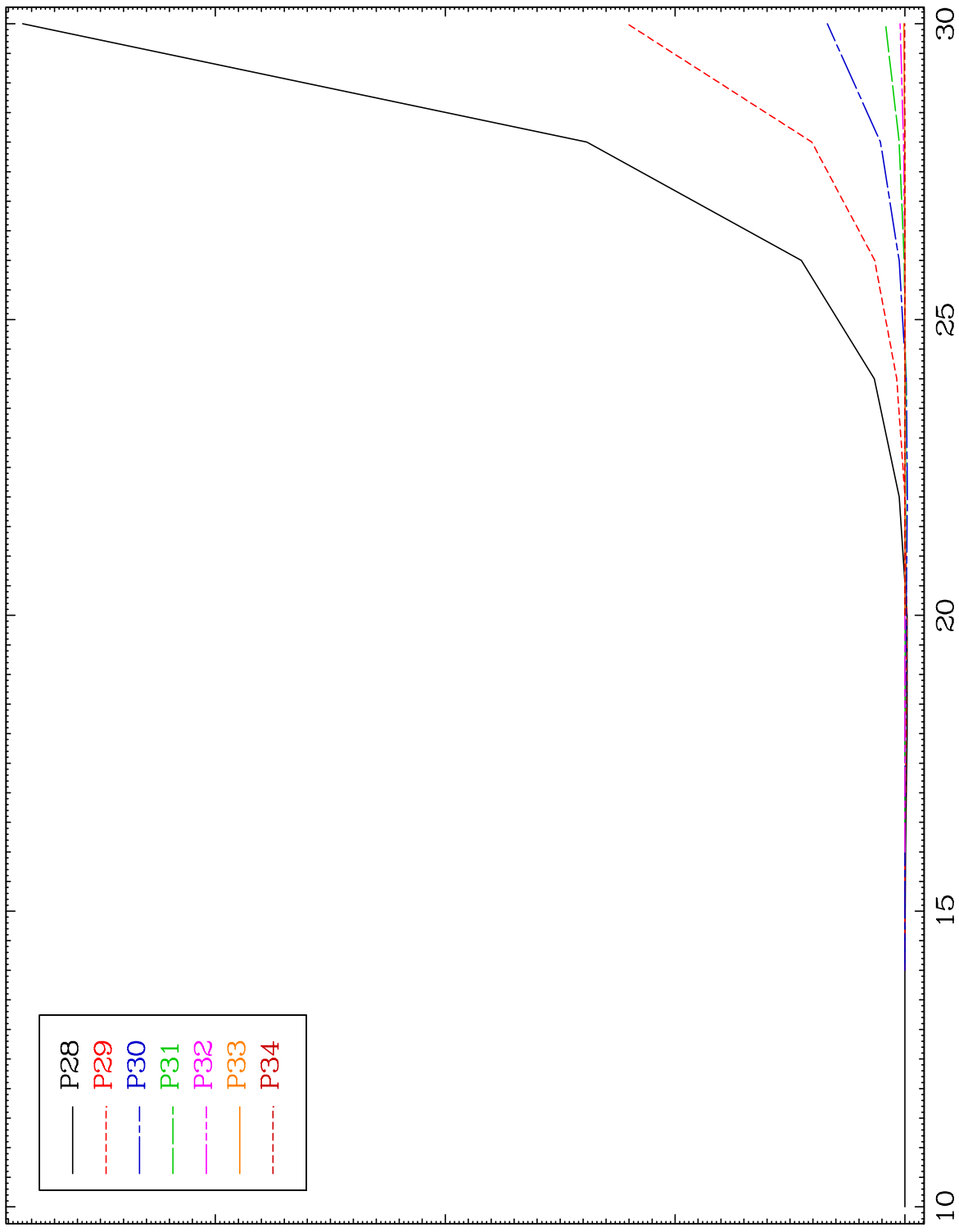
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30

21

Incident Energy (MeV)

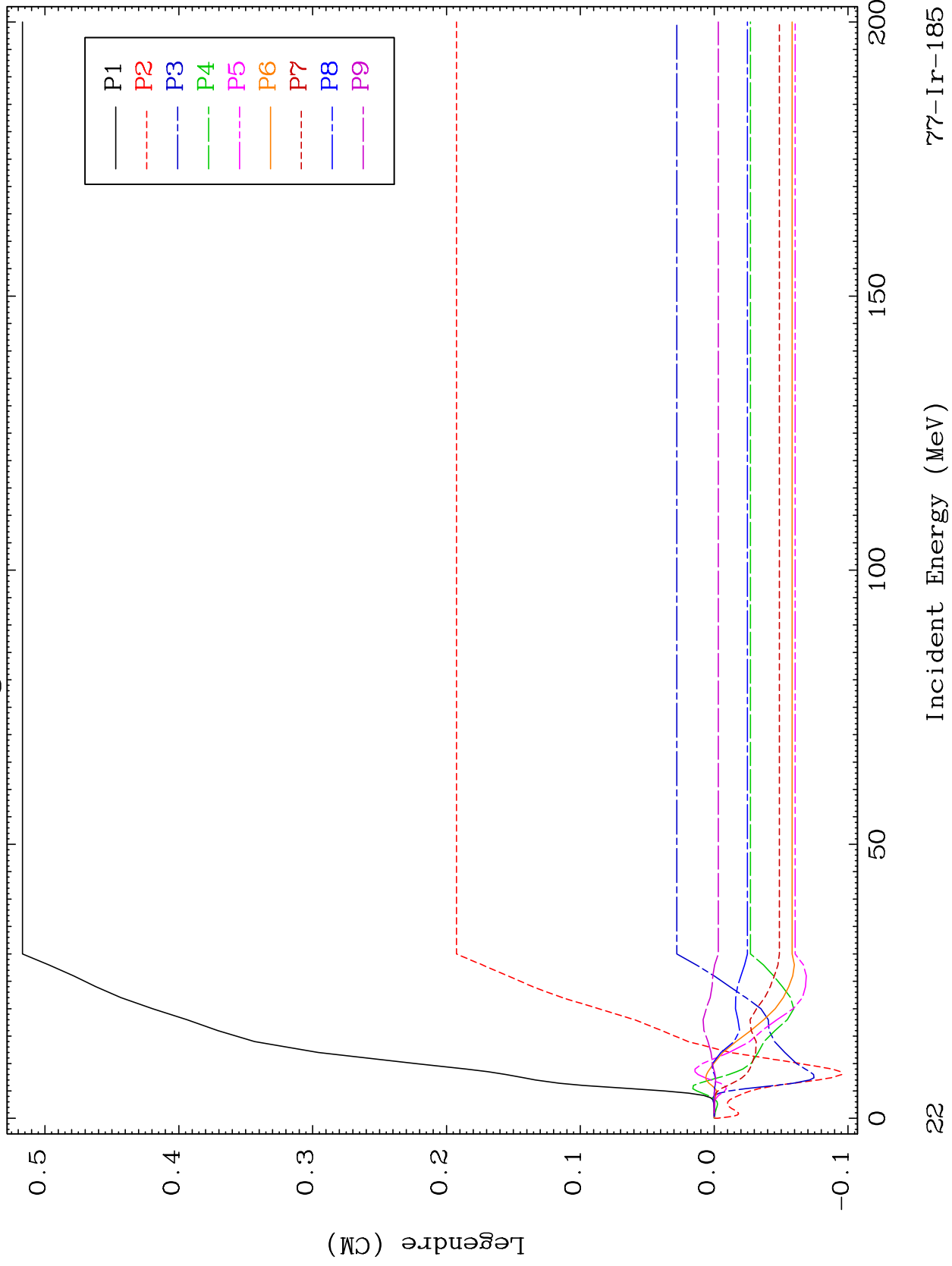
77-Ir-185



MAT 7707

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

77-Ir-185



22

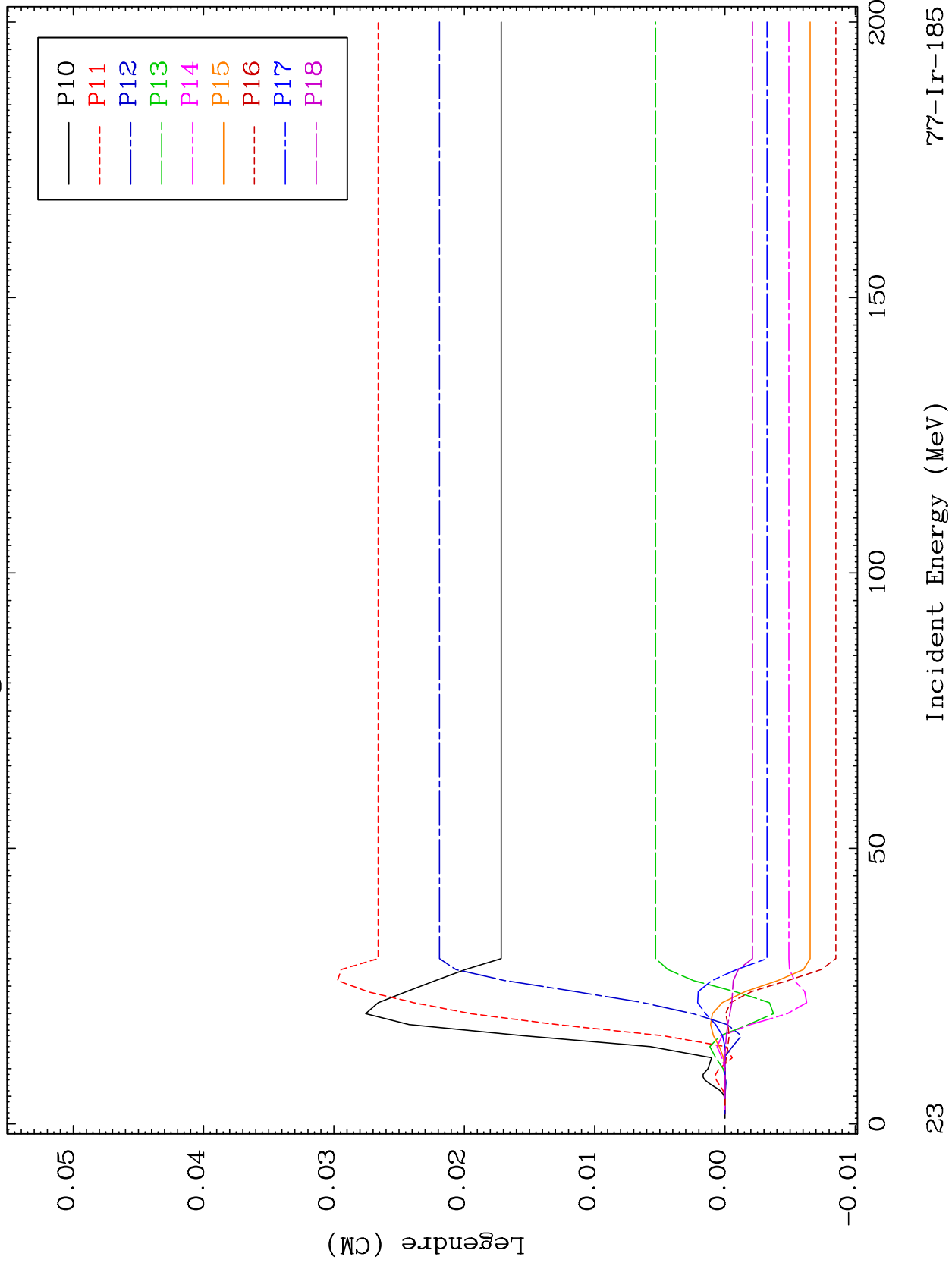
Incident Energy (MeV)

77-Ir-185

MAT 7707

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

77-Ir-185



77-Ir-185

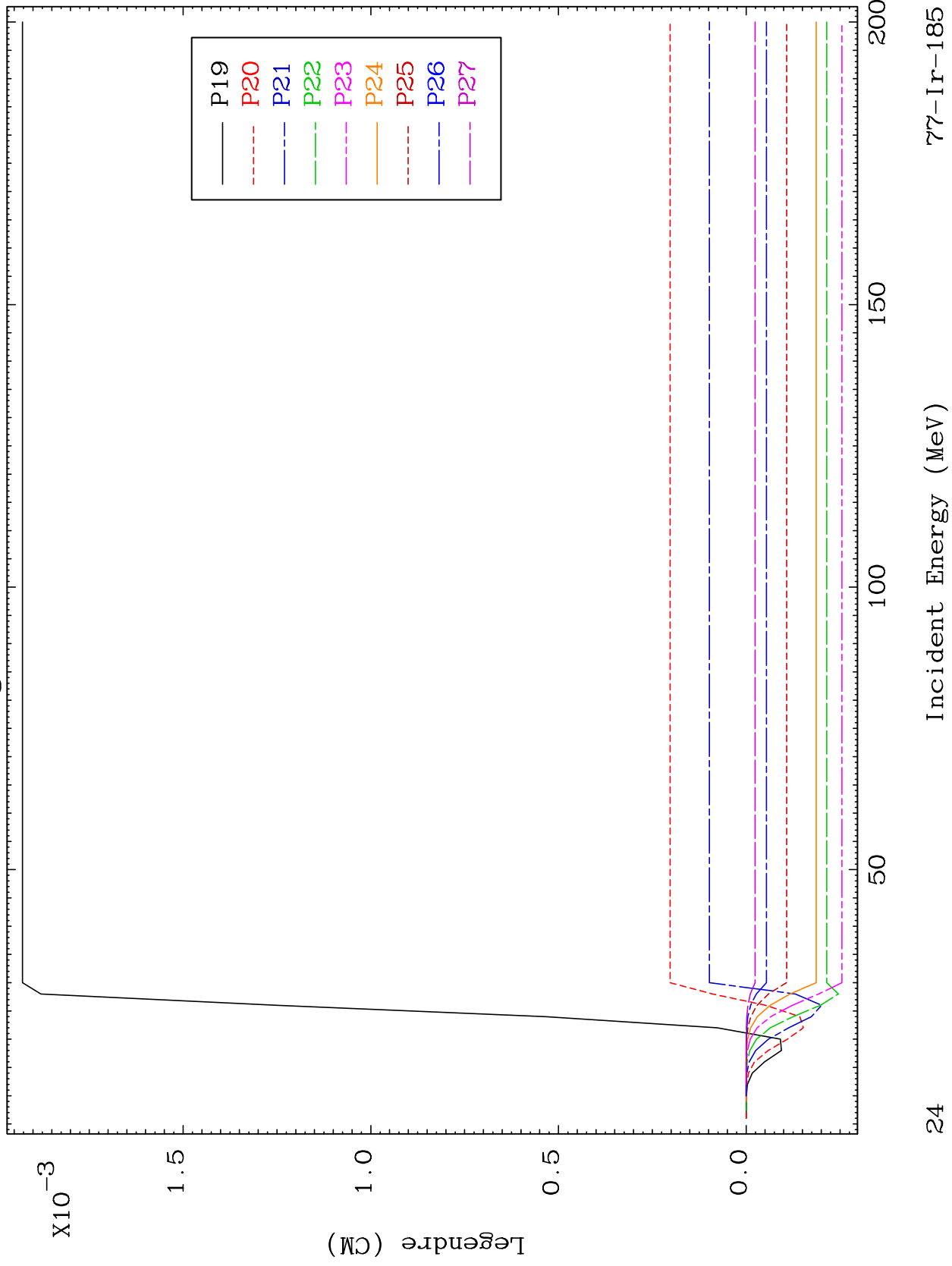
Incident Energy (MeV)

23

MAT 7707

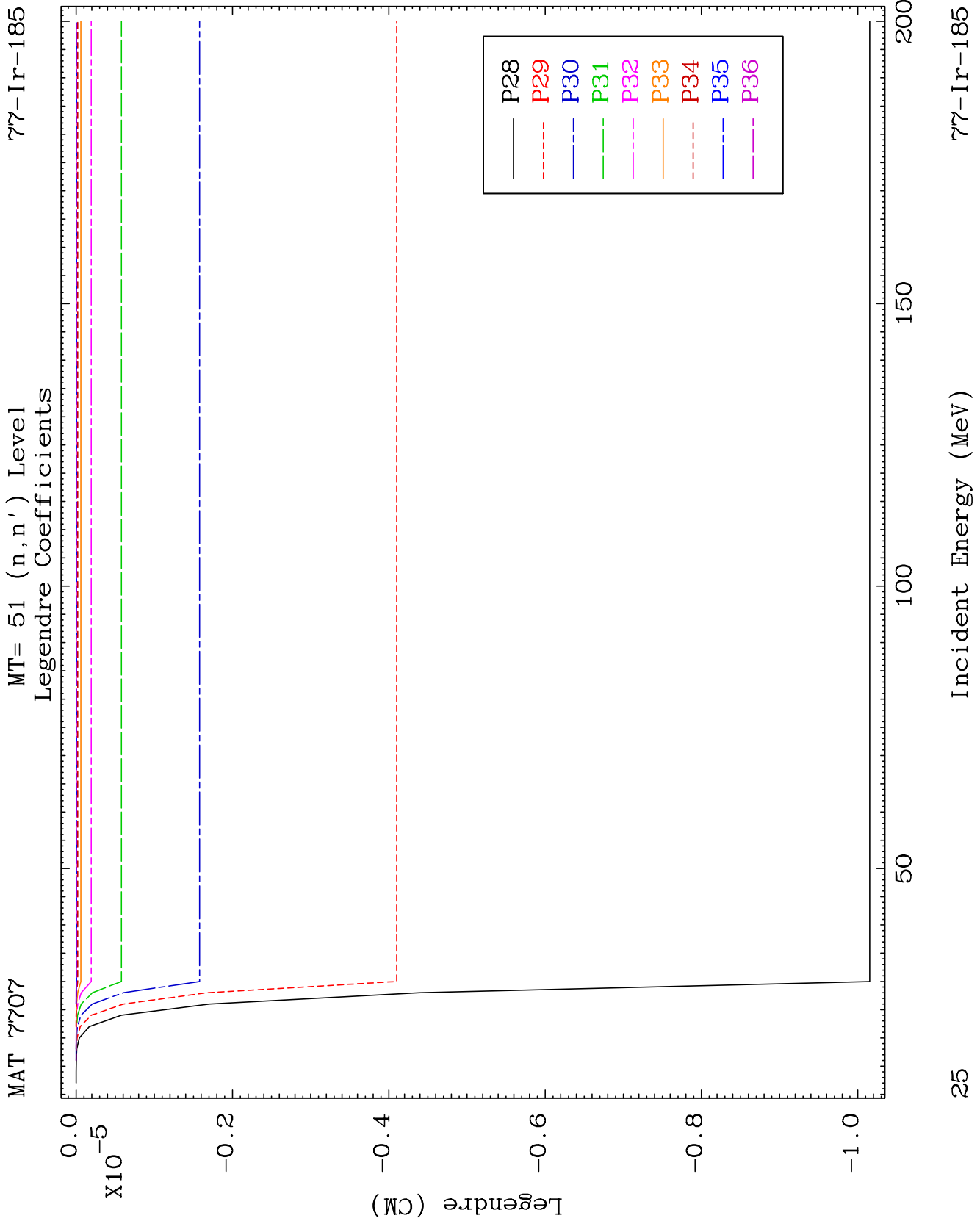
MT= 51 (n,n') Level
Legendre Coefficients

77-Ir-185



24

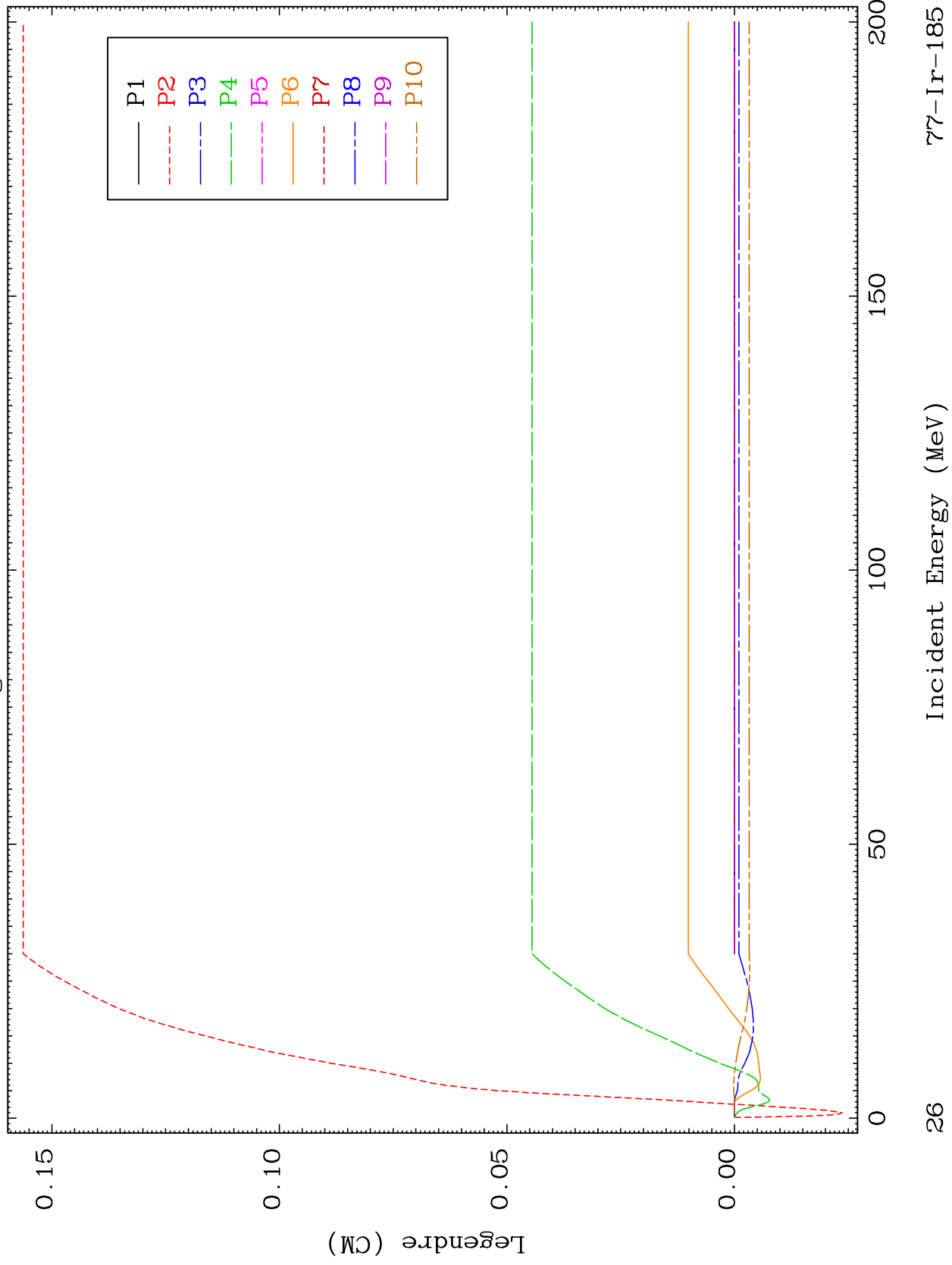
77-Ir-185



MAT 7707

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

77-Ir-185



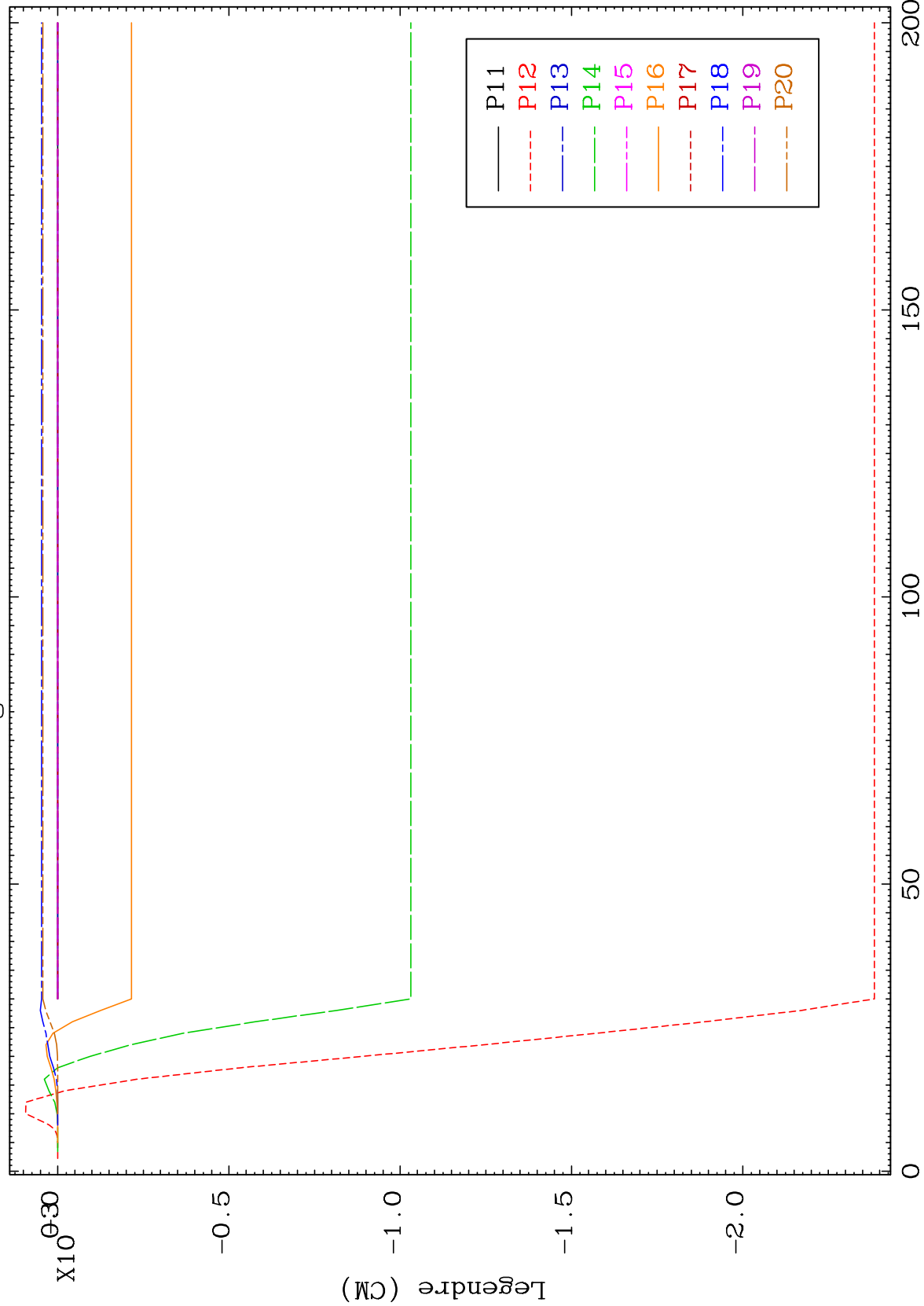
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77-Ir-185

MAT 7707

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

77-Ir-185



27

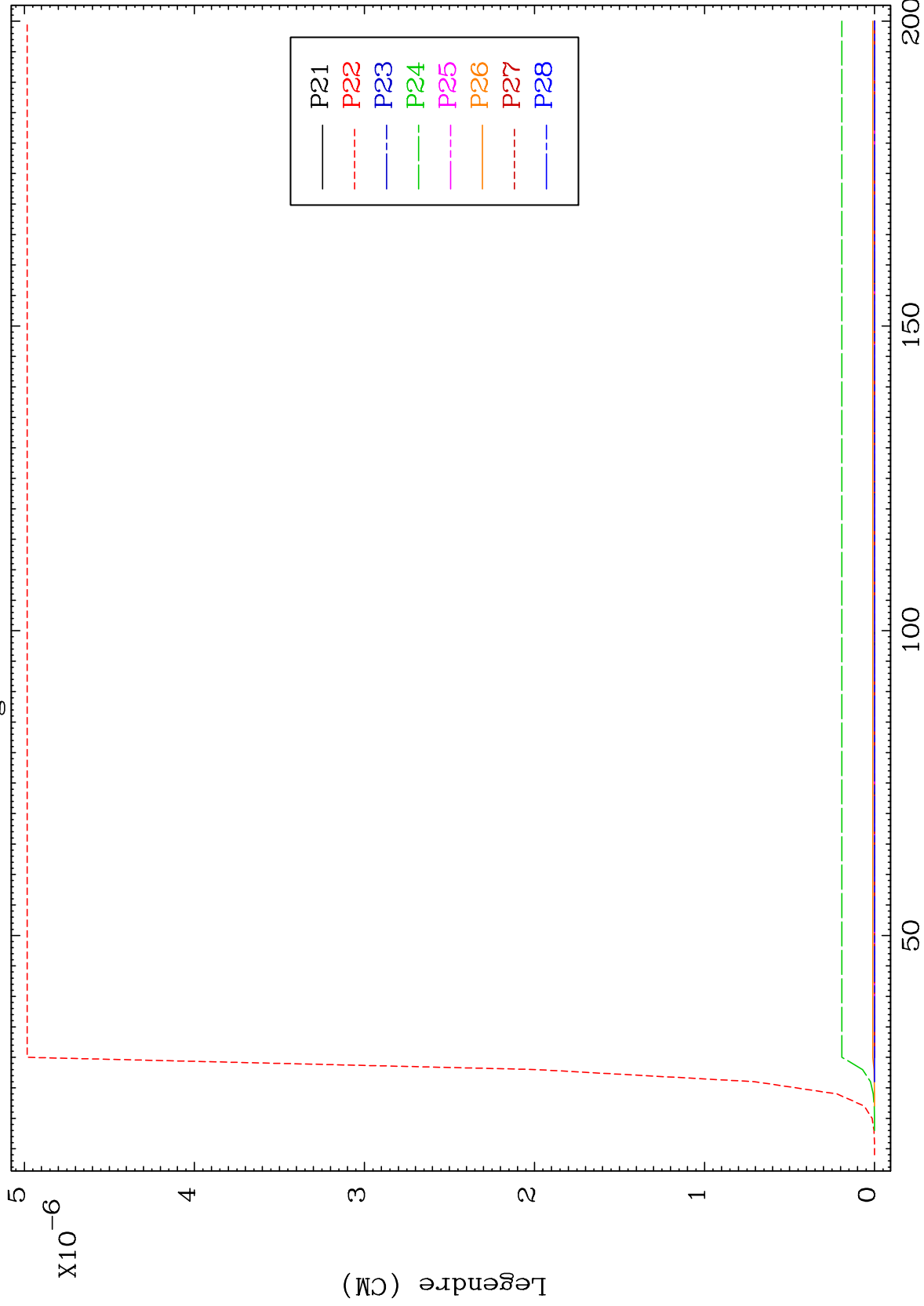
Incident Energy (MeV)

77-Ir-185

MAT 7707

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

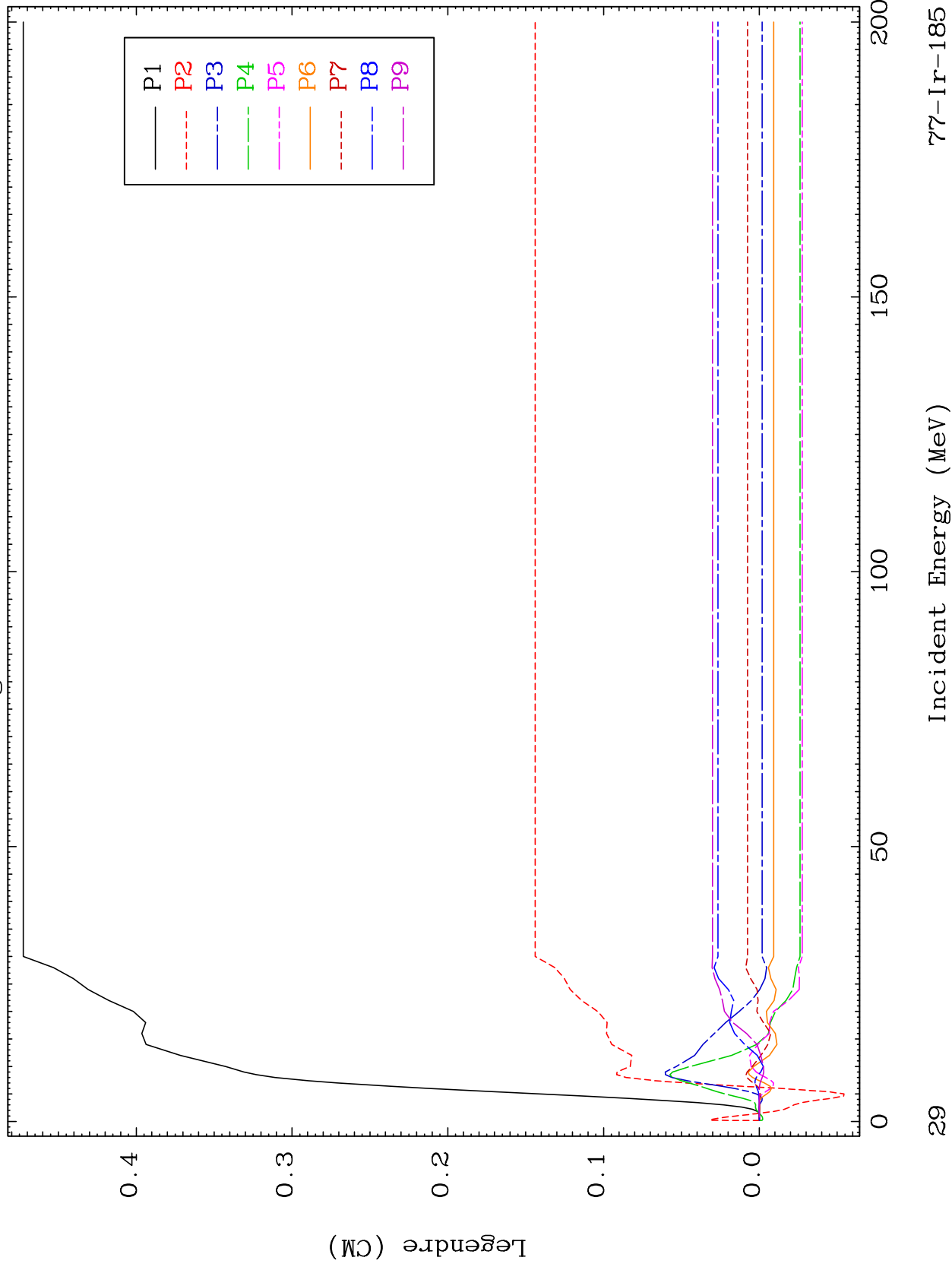
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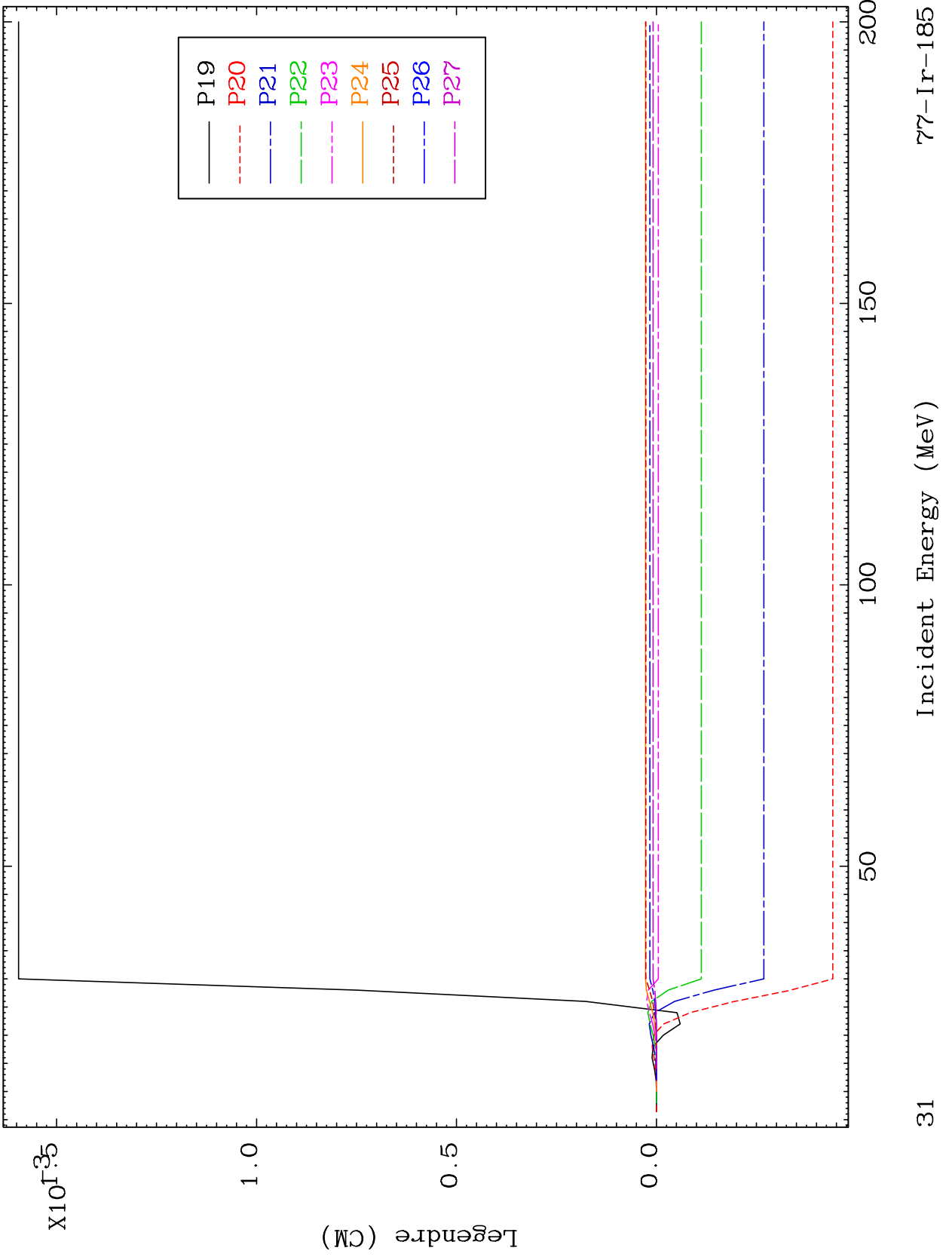


28

Incident Energy (MeV)

77-Ir-185

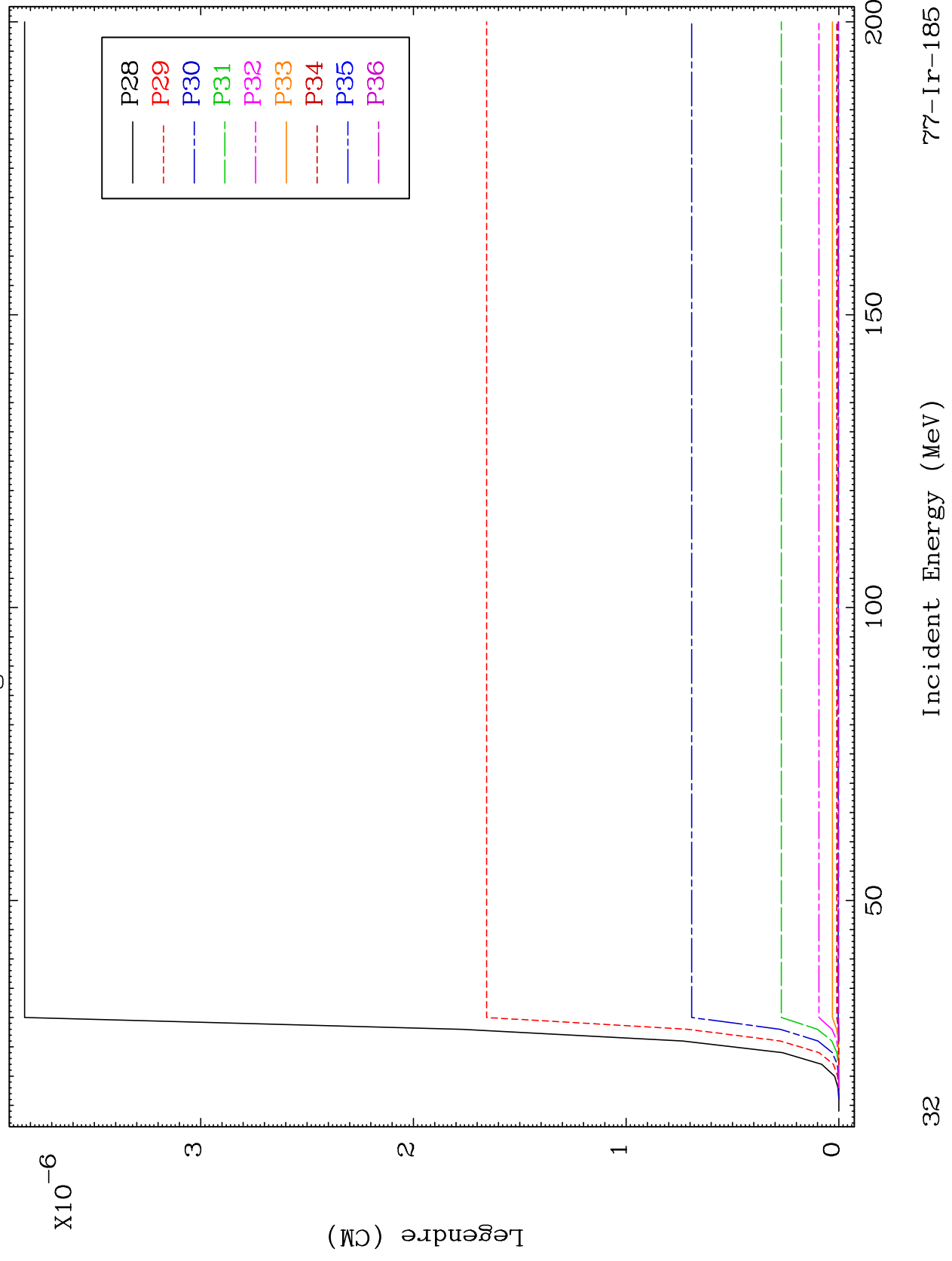




MAT 7707

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

77-Ir-185



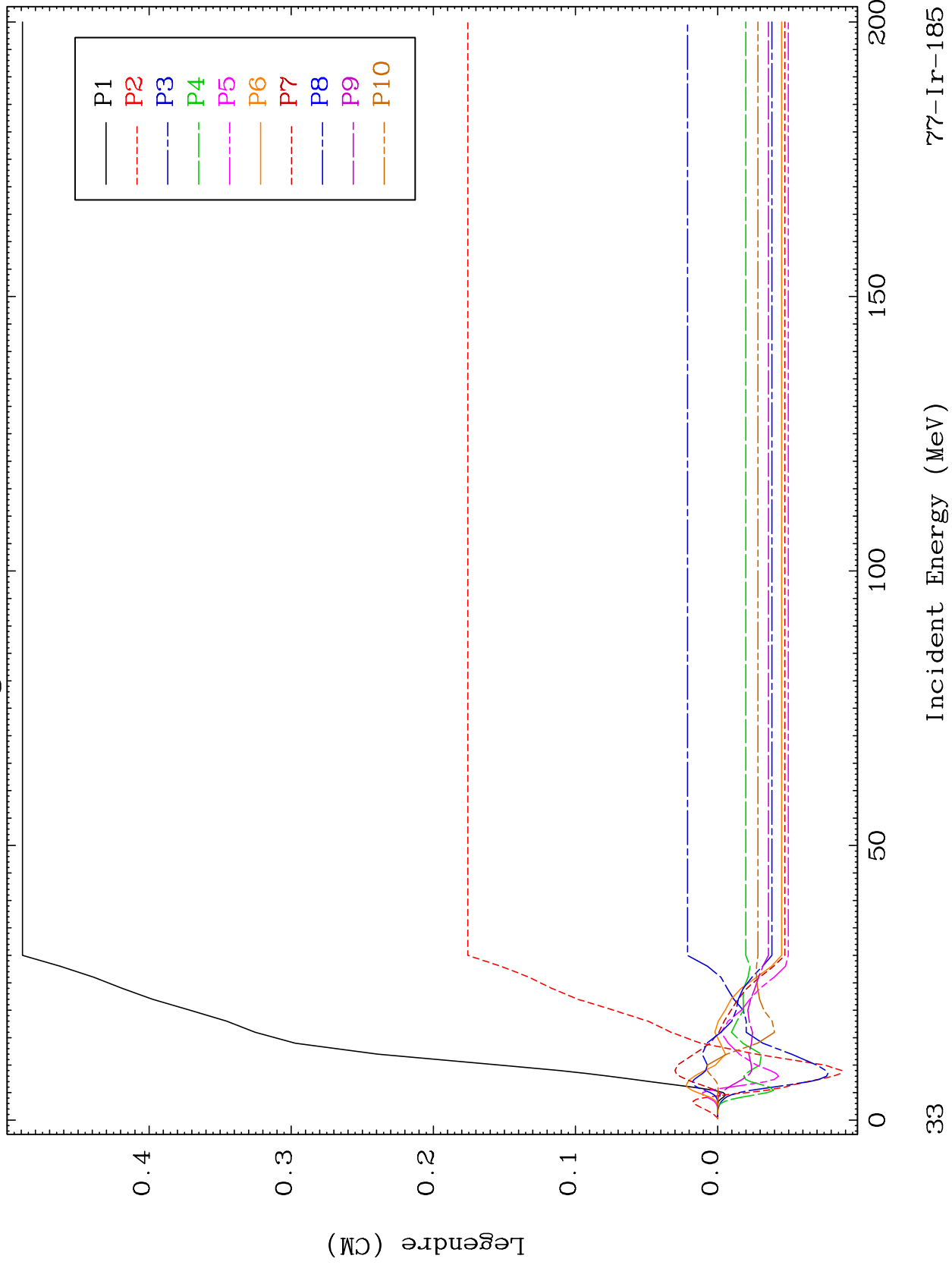
32

77-Ir-185

MAT 7707

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

77-Ir-185



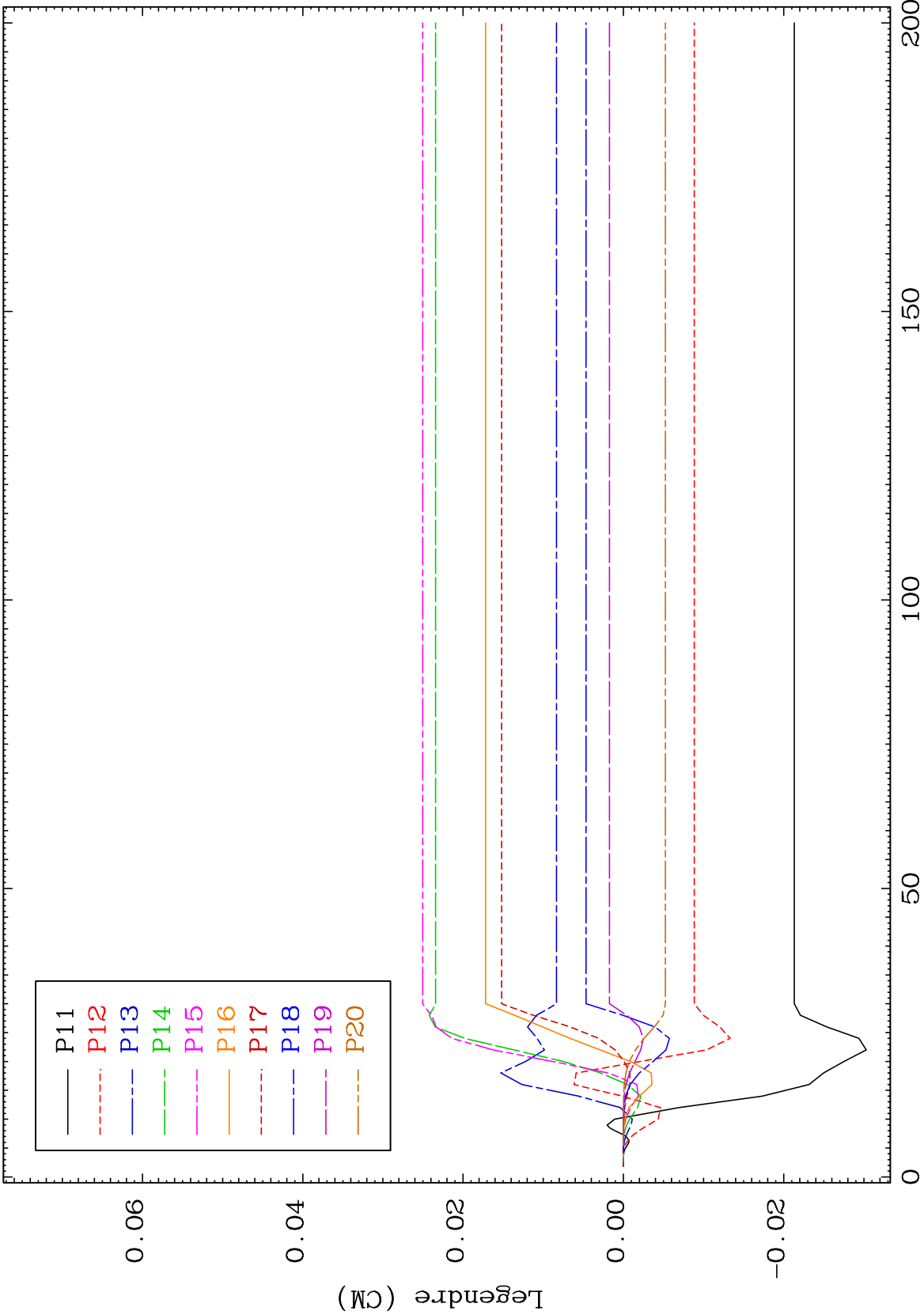
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77-Ir-185

MAT 7707

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

77-Ir-185



34

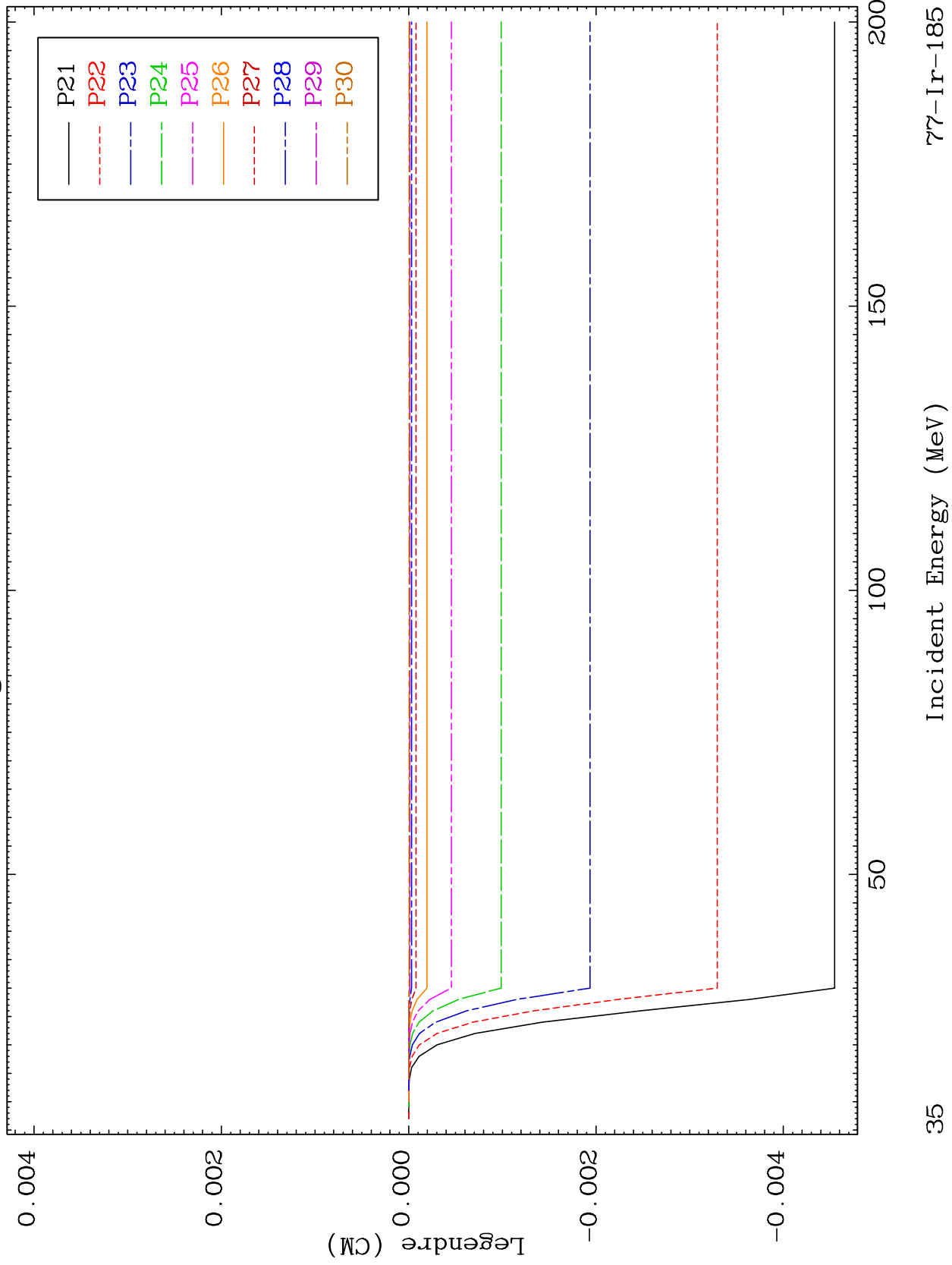
Incident Energy (MeV)

77-Ir-185

MAT 7707

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

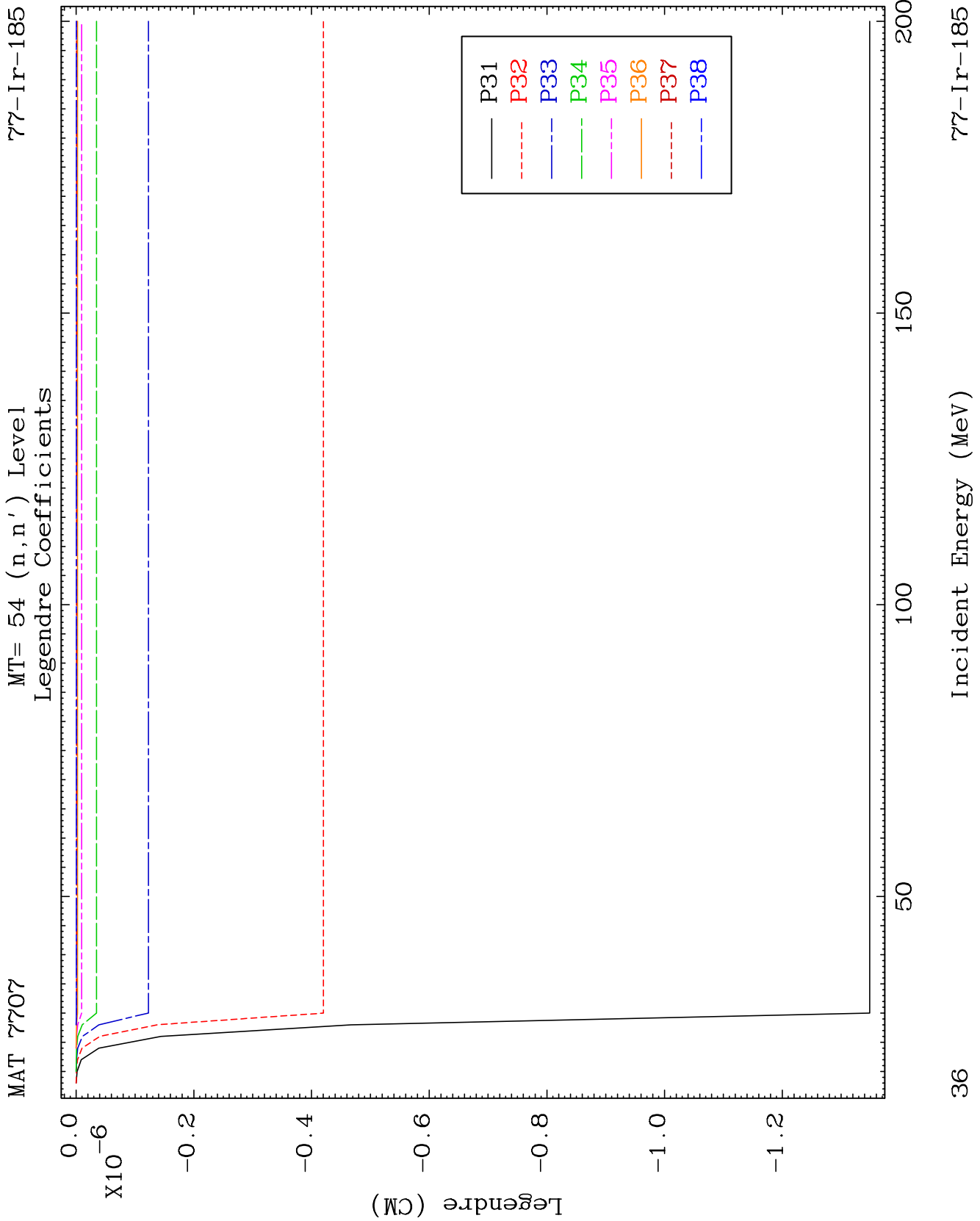
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35

Incident Energy (MeV)

77-Ir-185

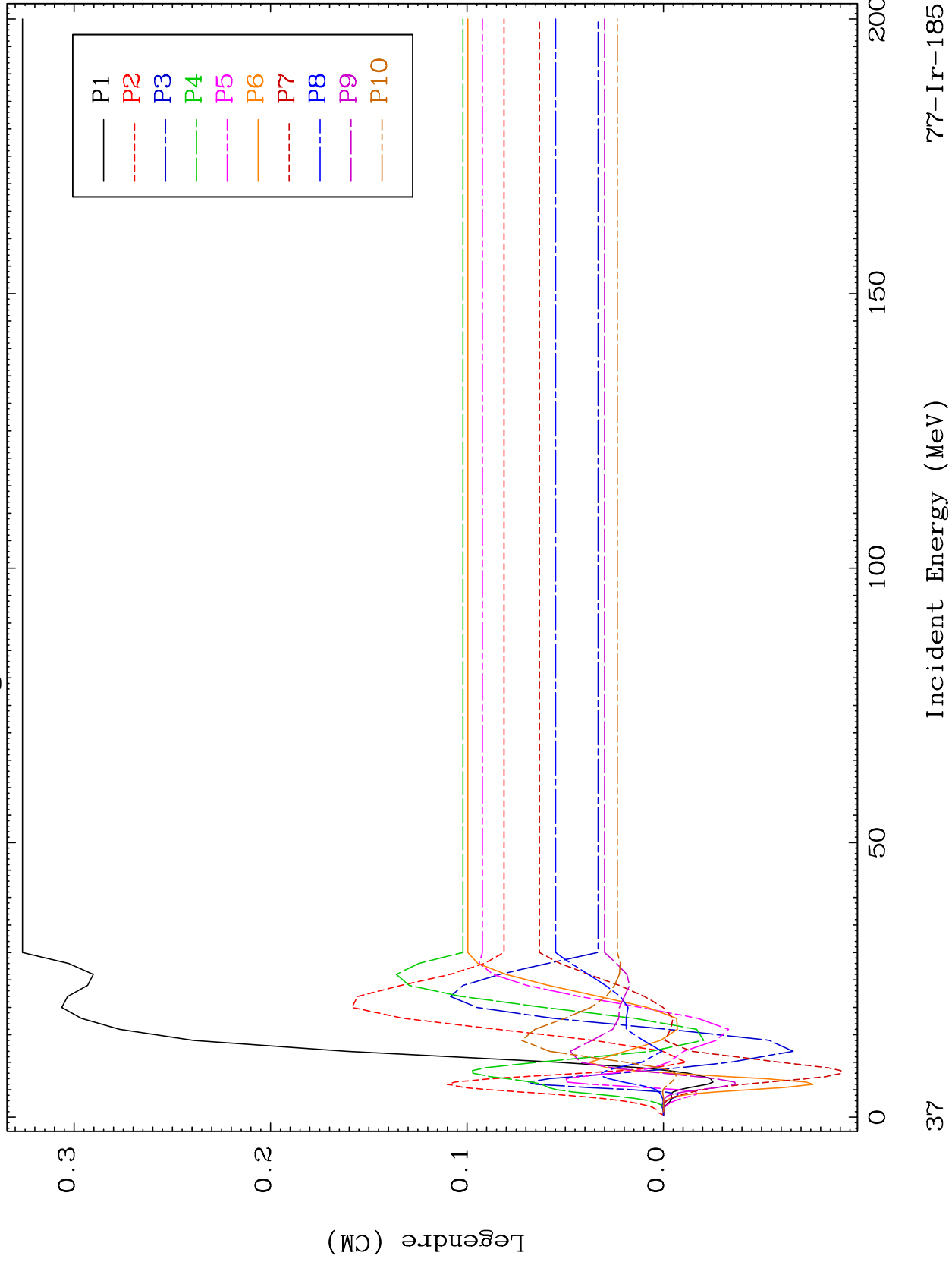


MAT 7707

MT= 55 (n,n') Level

77-Ir-185

Legendre Coefficients



37

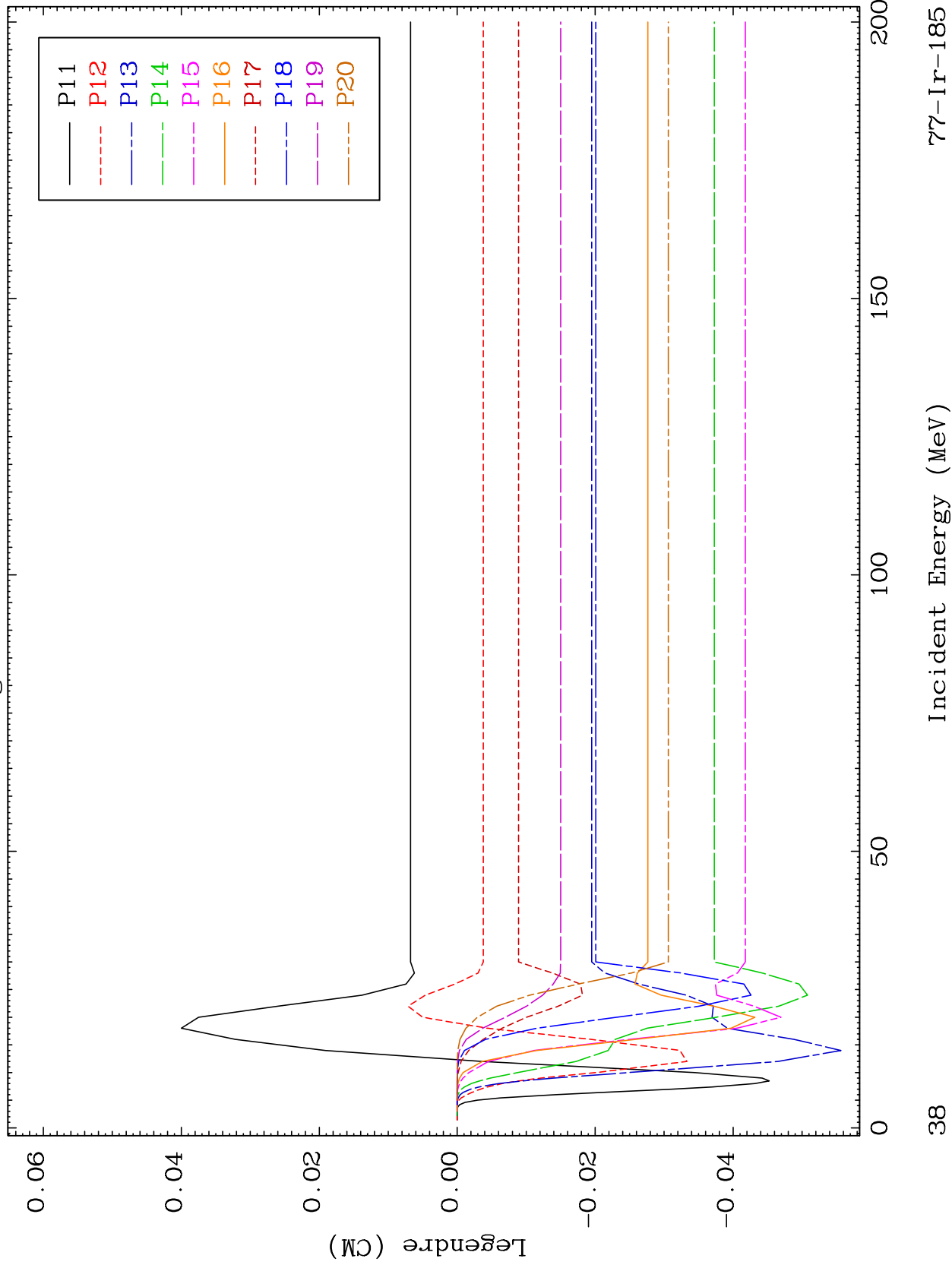
Incident Energy (MeV)

77-Ir-185

MAT 7707

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

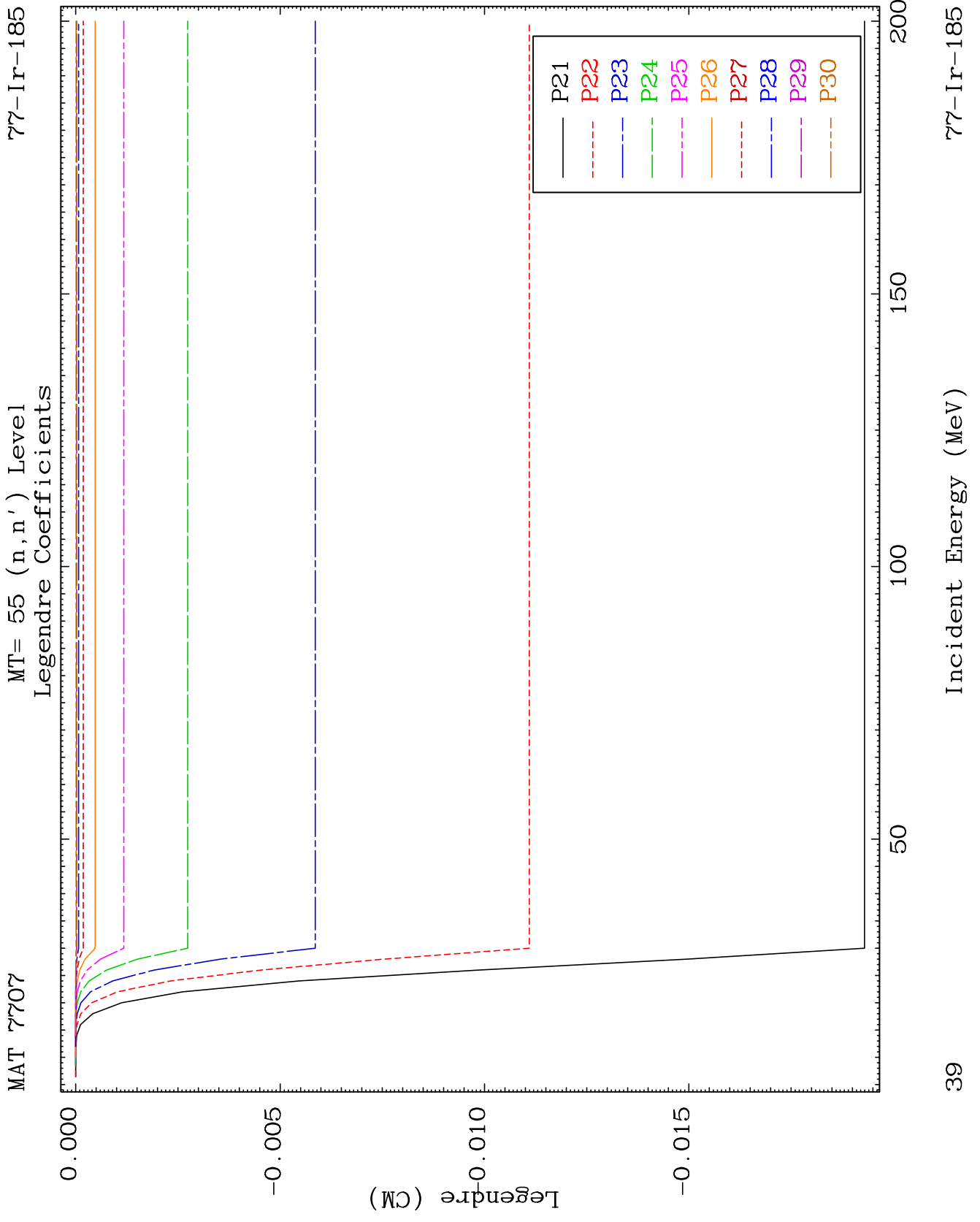
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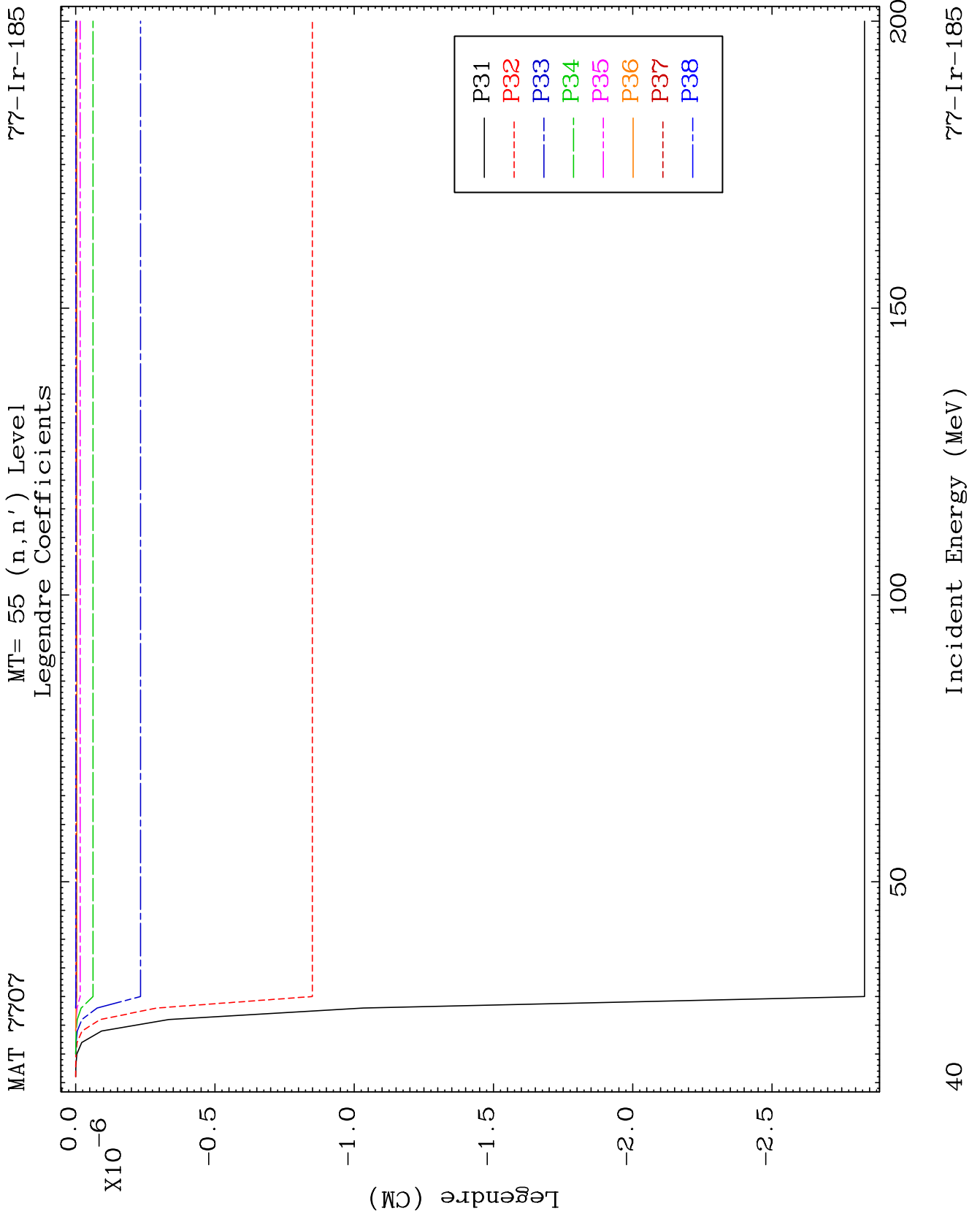


77-Ir-185

Incident Energy (MeV)

38

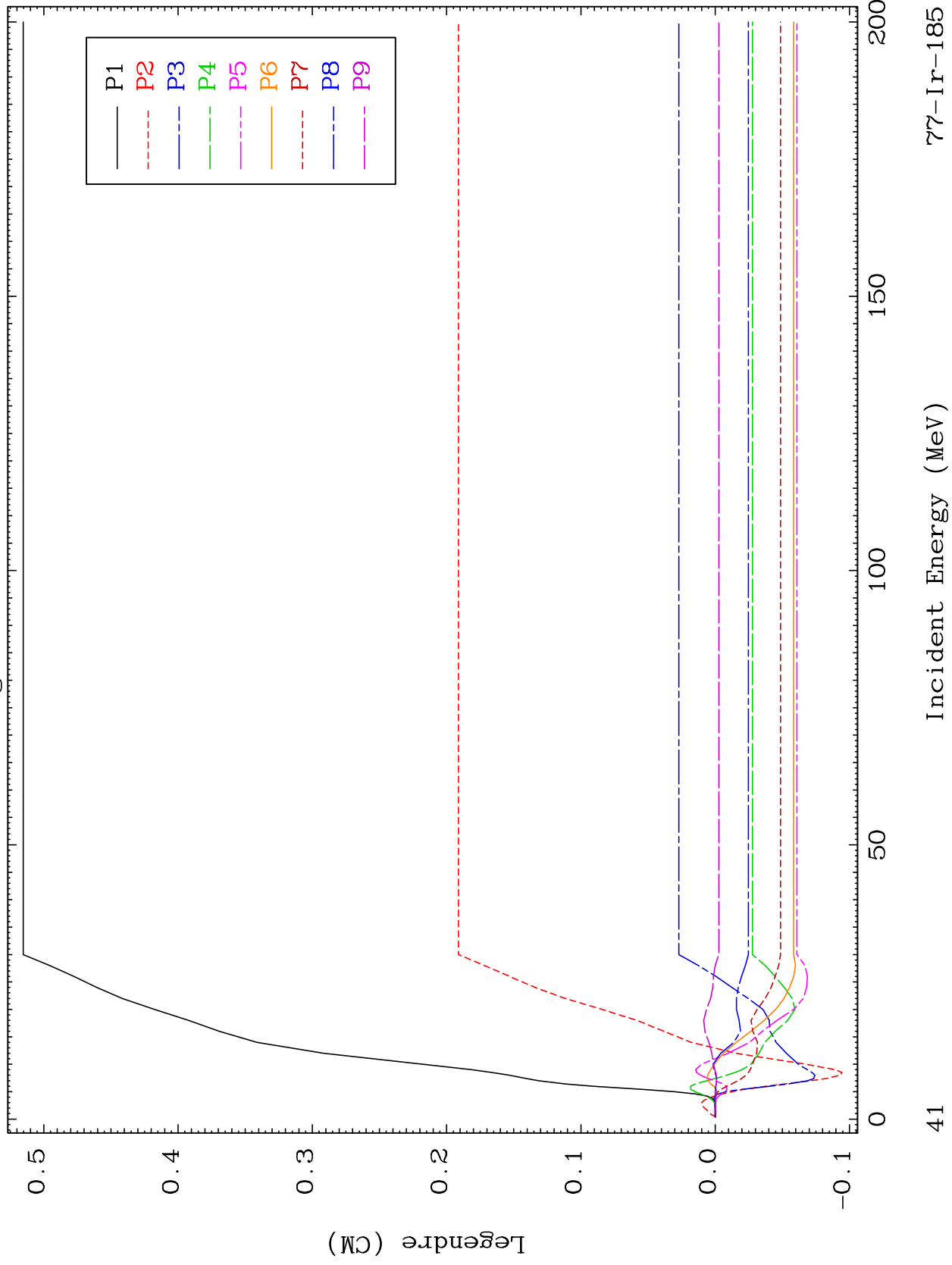




MAT 7707

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

77-Ir-185



77-Ir-185

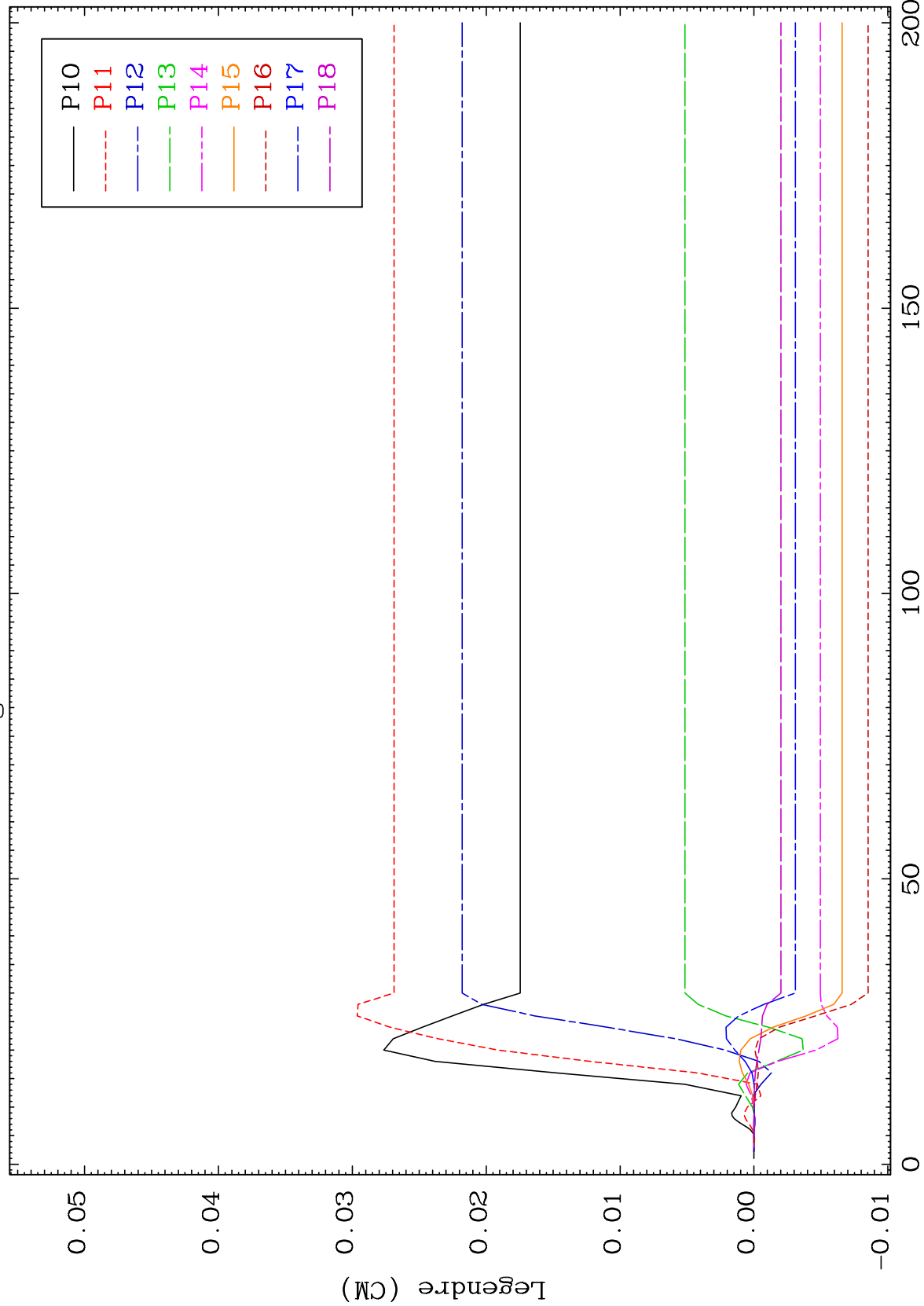
Incident Energy (MeV)

41

MAT 7707

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

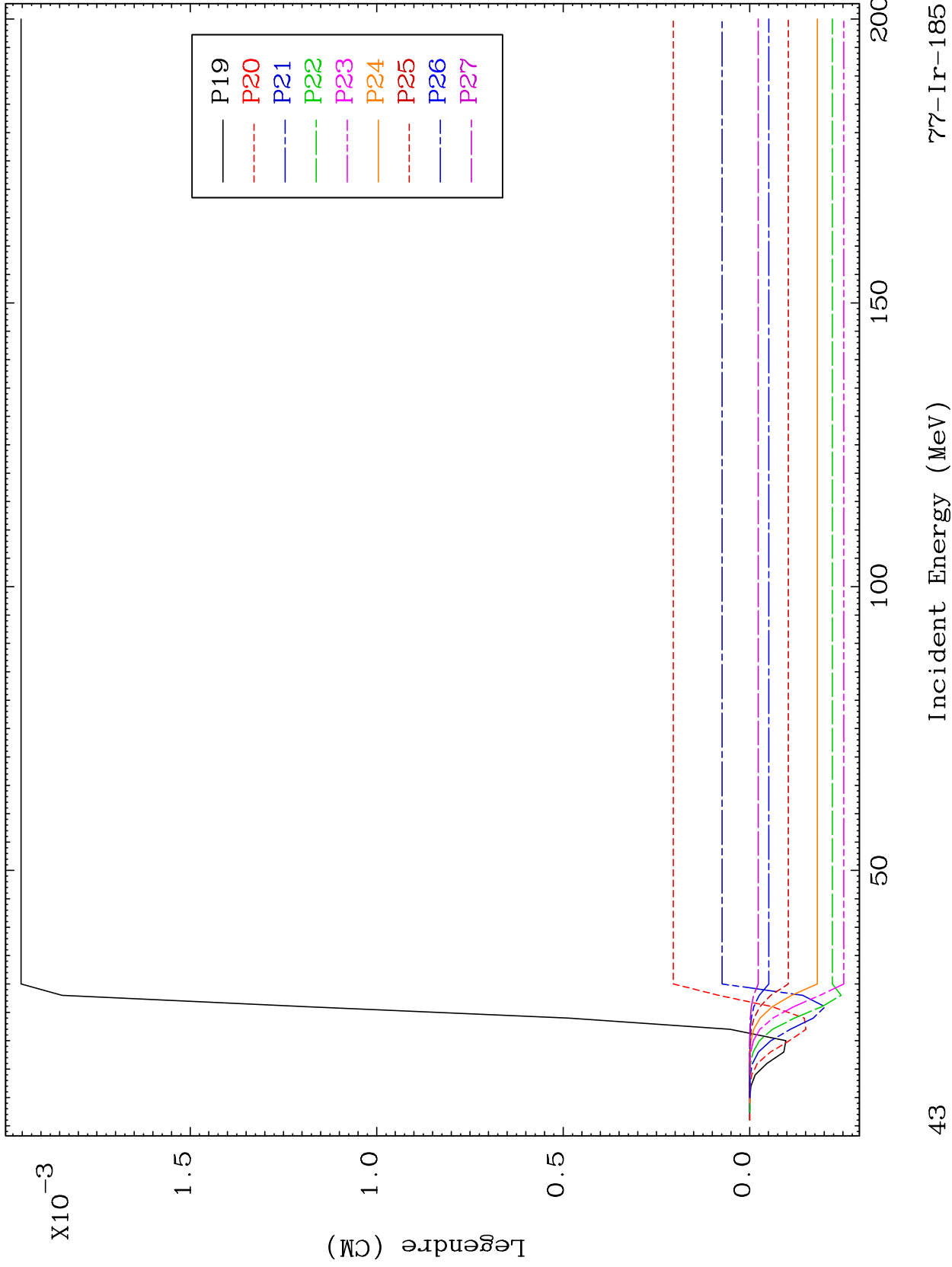
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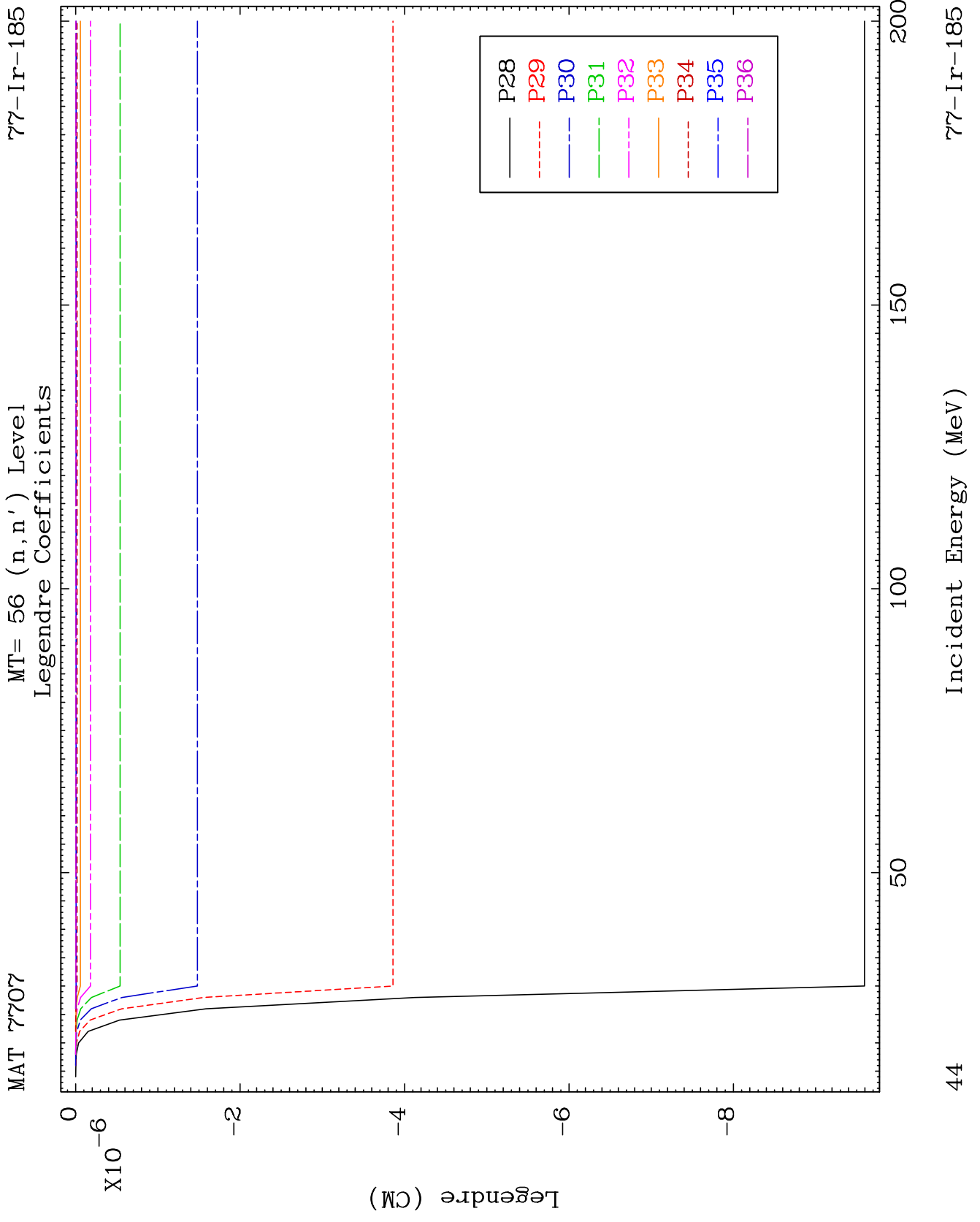


42

Incident Energy (MeV)

77-Ir-185

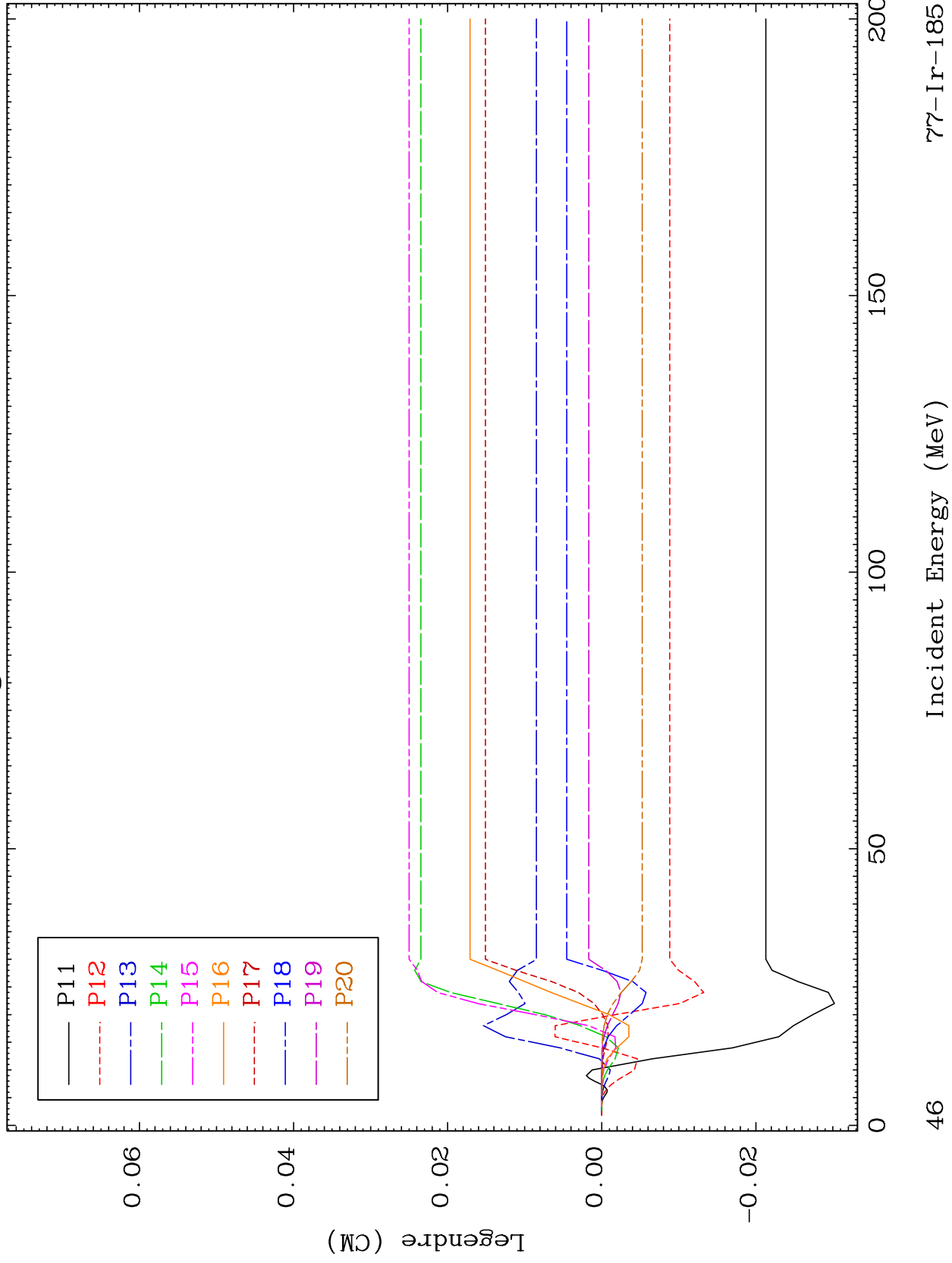




MAT 7707

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

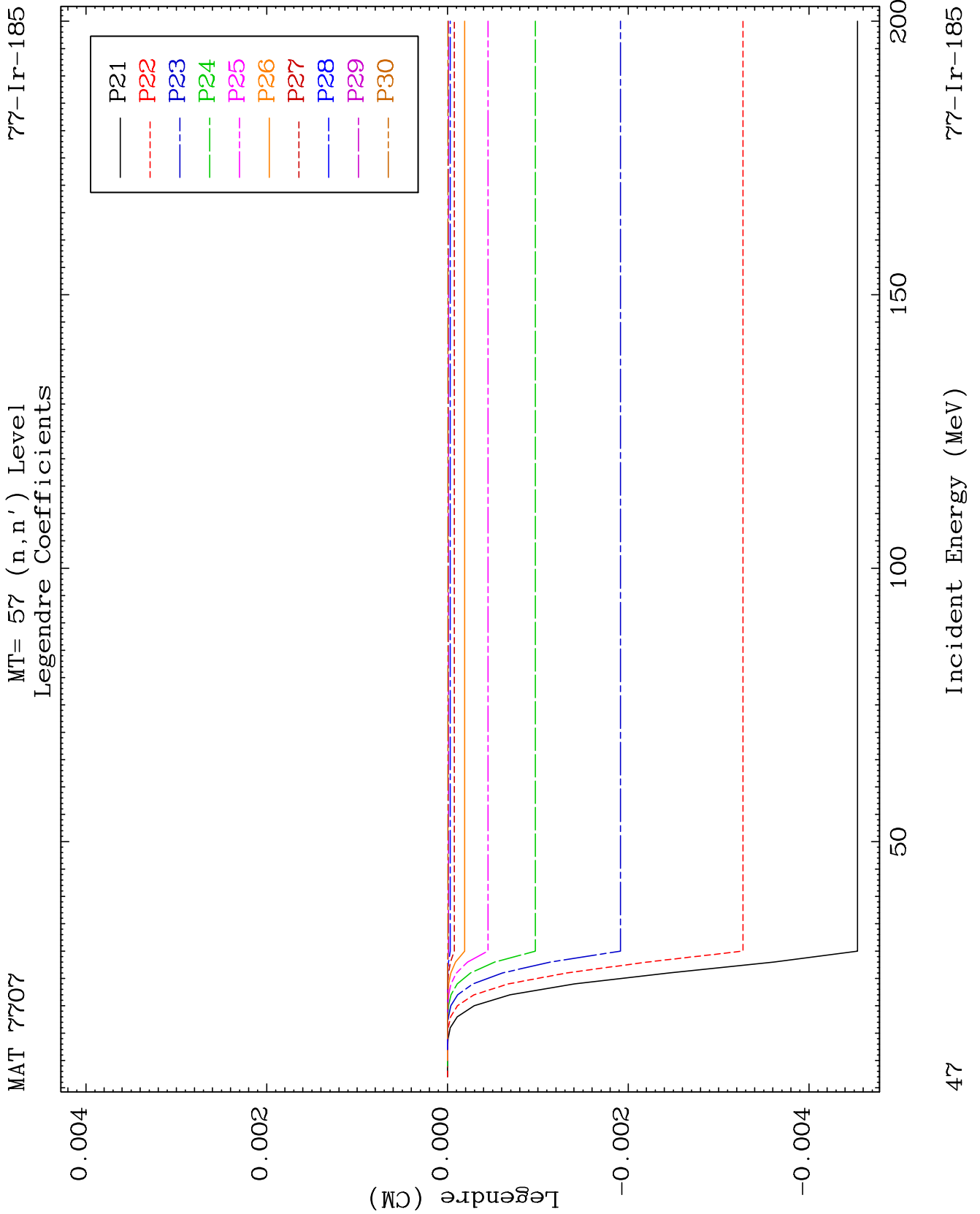
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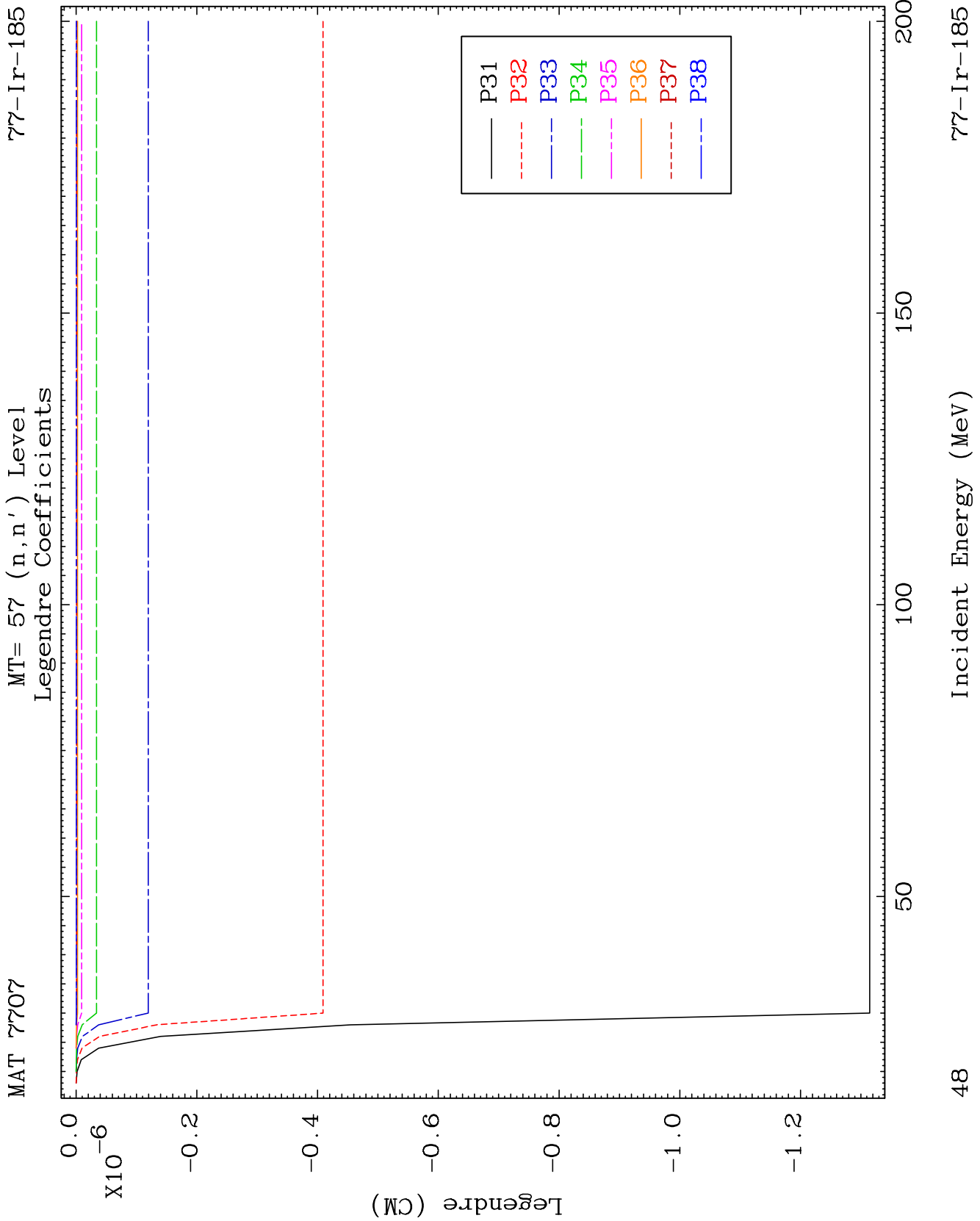


77-Ir-185

Incident Energy (MeV)

46

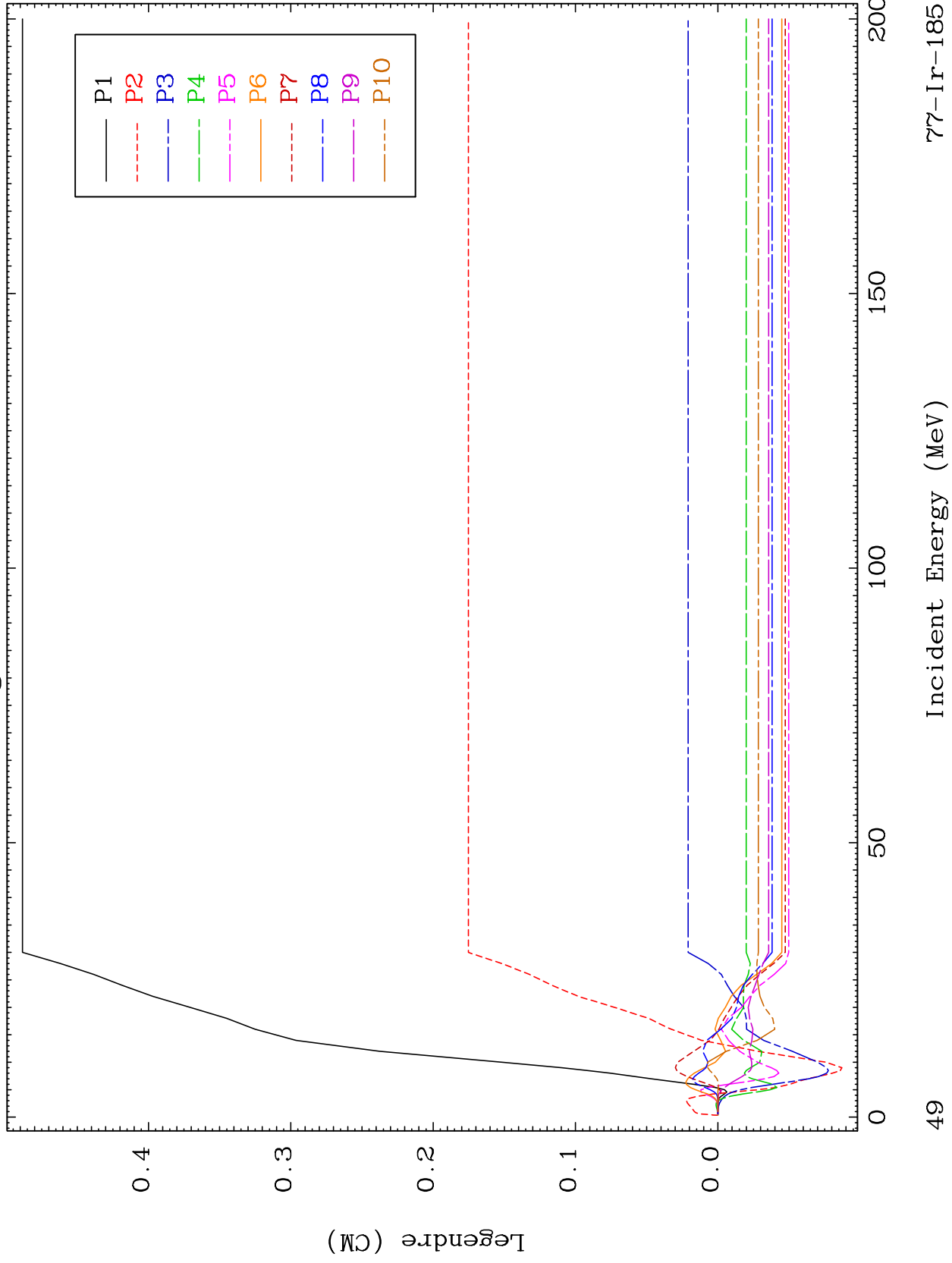




MAT 7707

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

77-Ir-185



77-Ir-185

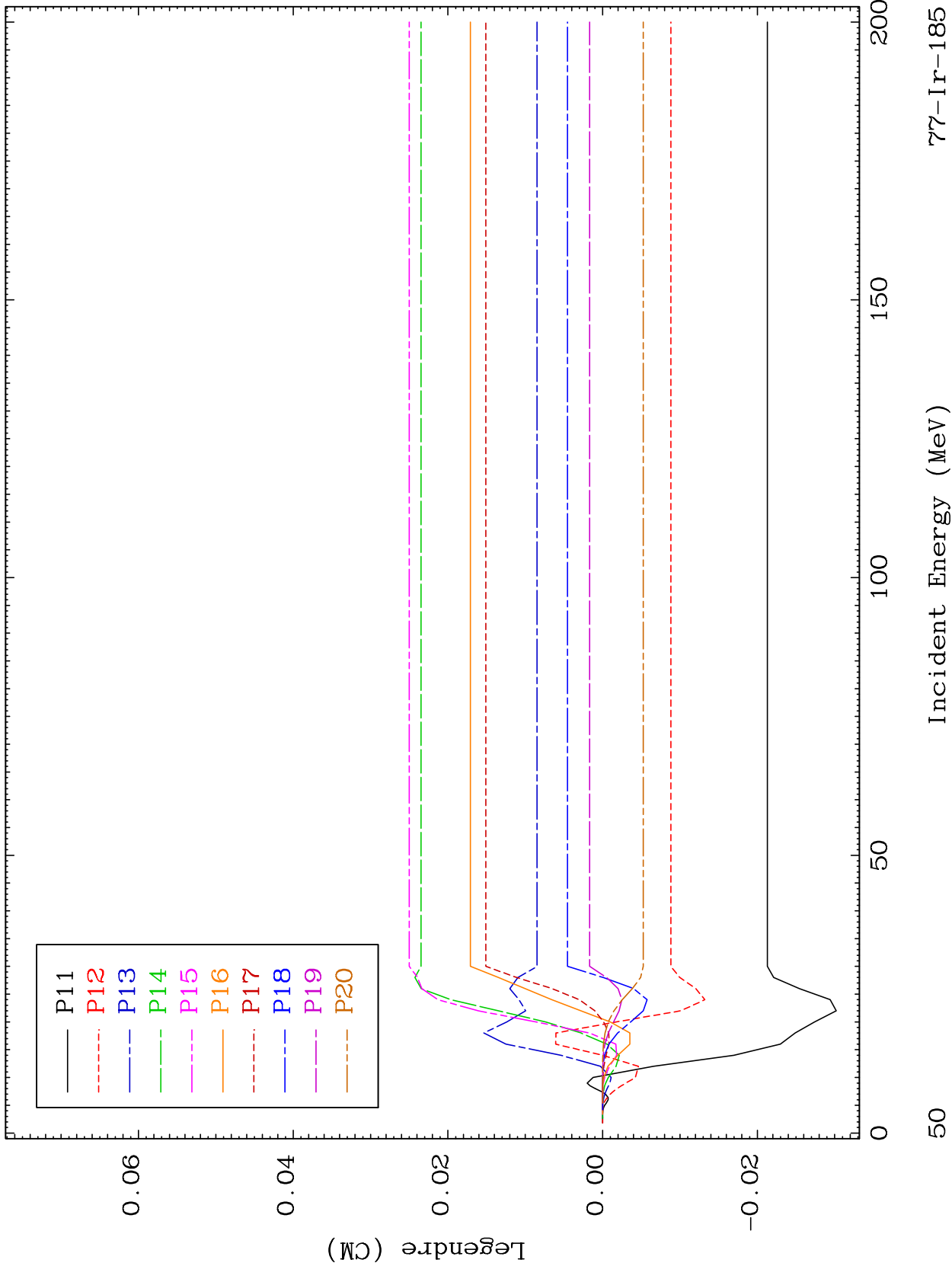
Incident Energy (MeV)

49

MAT 7707

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

77-Ir-185

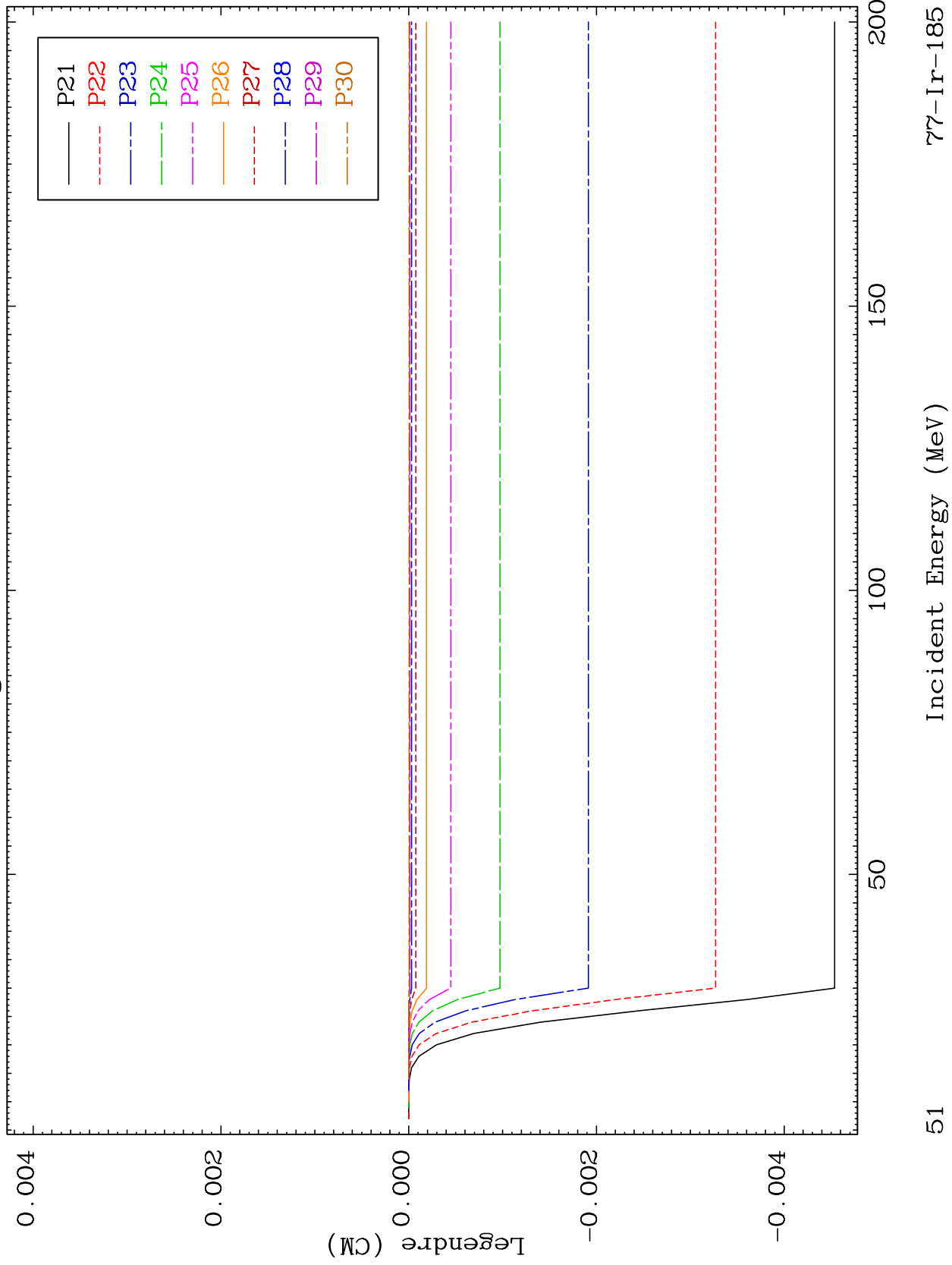


77-Ir-185

MAT 7707

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

77-Ir-185



51

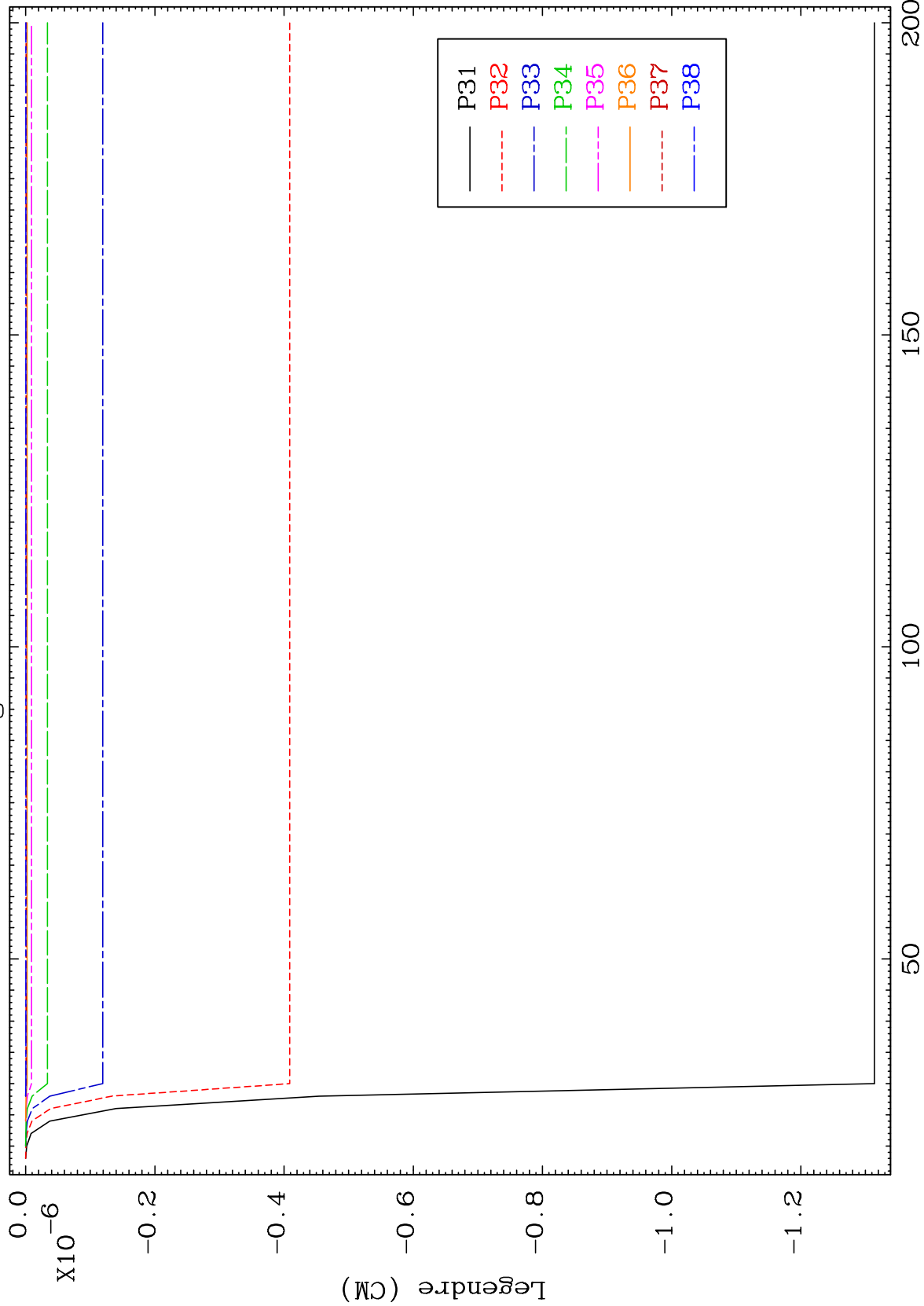
Incident Energy (MeV)

77-Ir-185

MAT 7707

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

77-Ir-185



52

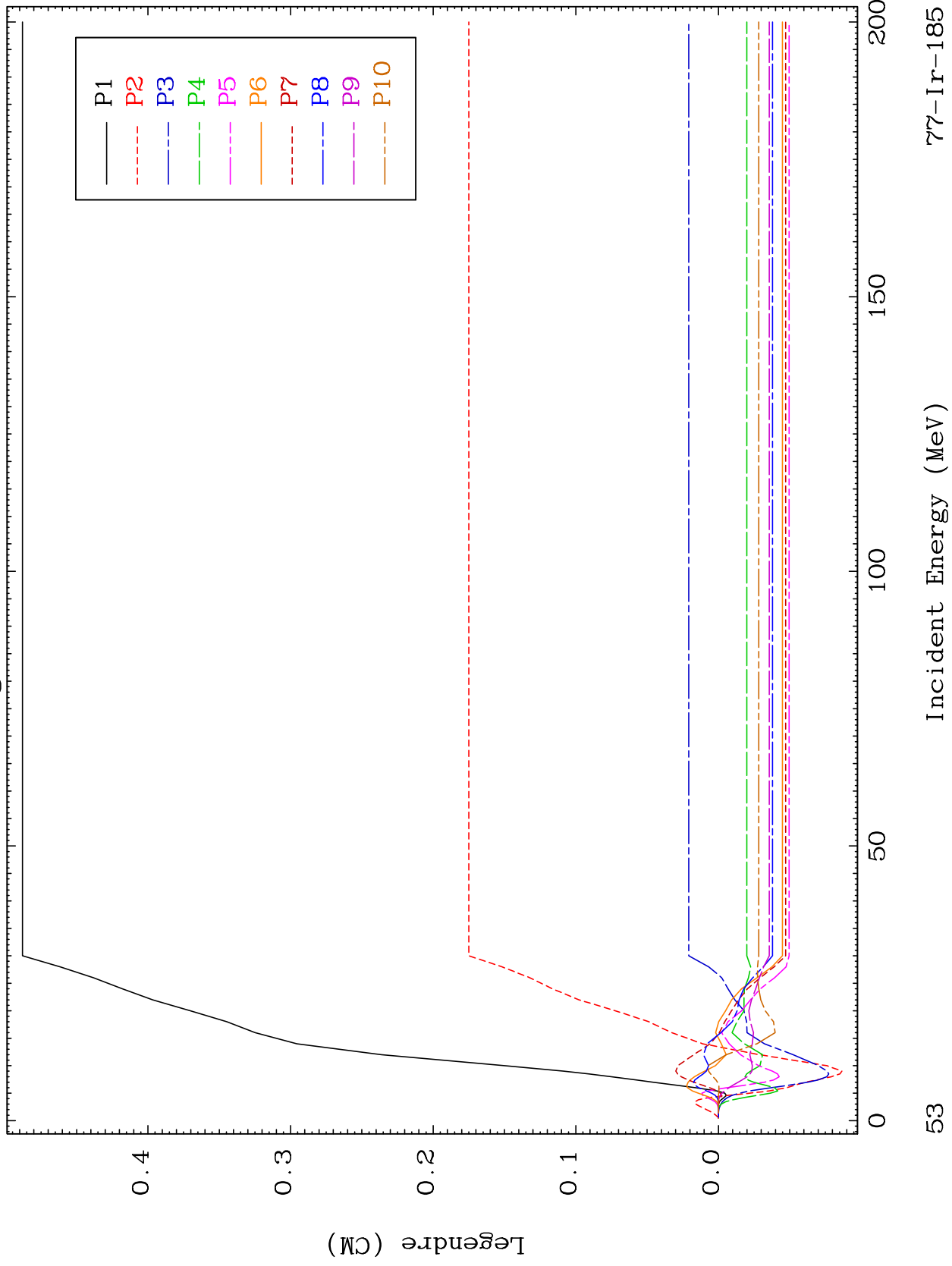
Incident Energy (MeV)

77-Ir-185

MAT 7707

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

77-Ir-185



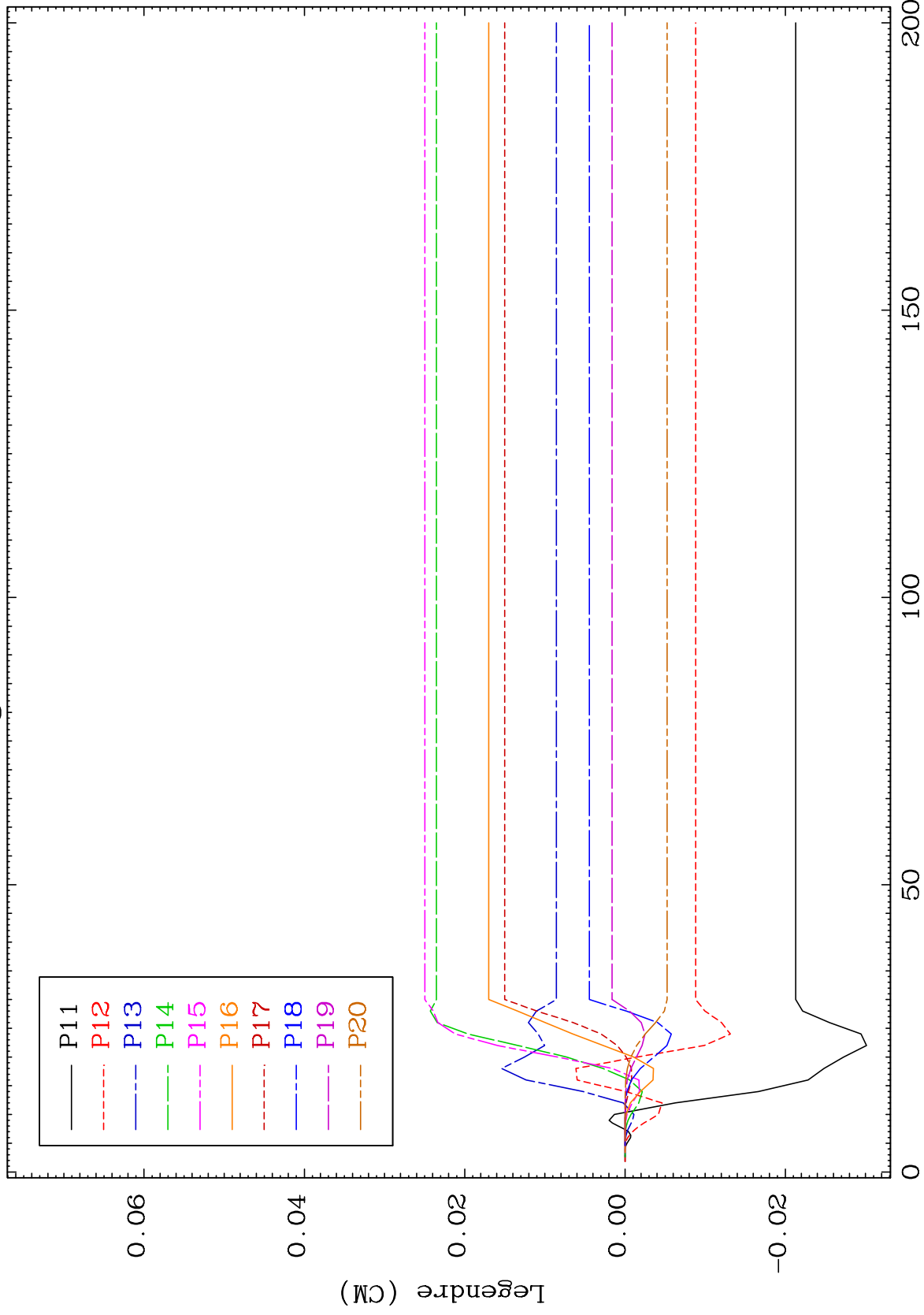
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77-Ir-185

MAT 7707

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

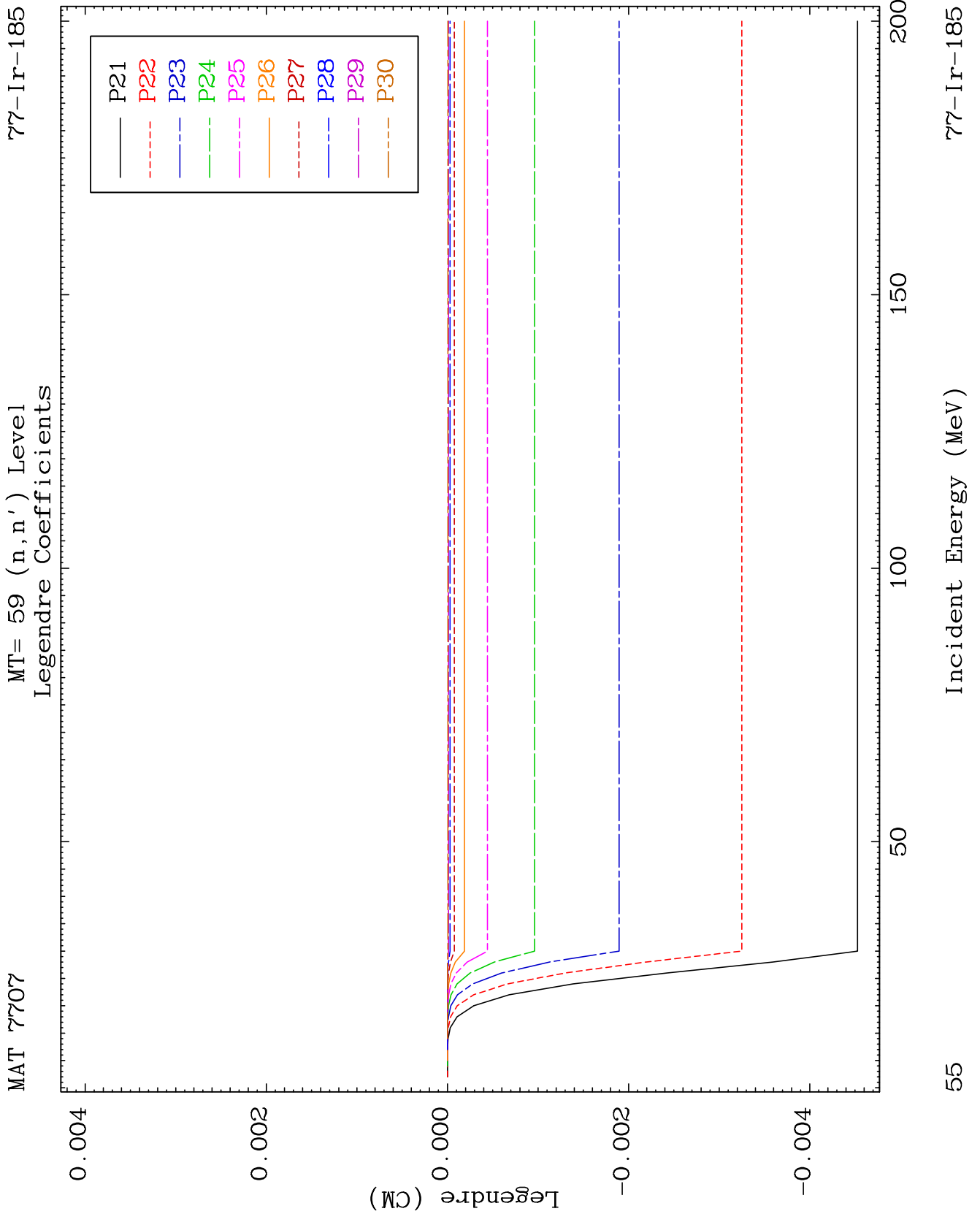
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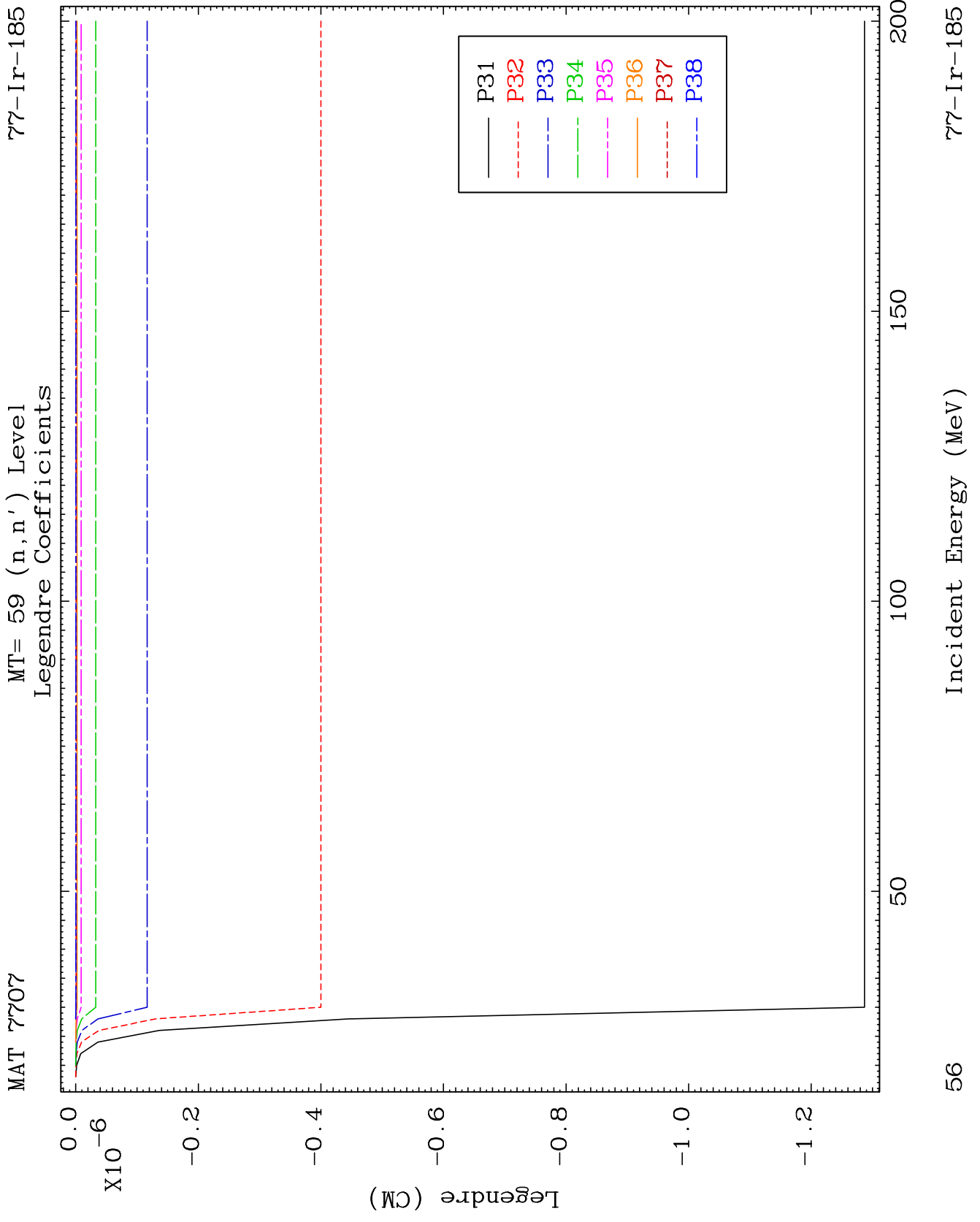


54

Incident Energy (MeV)

77-Ir-185

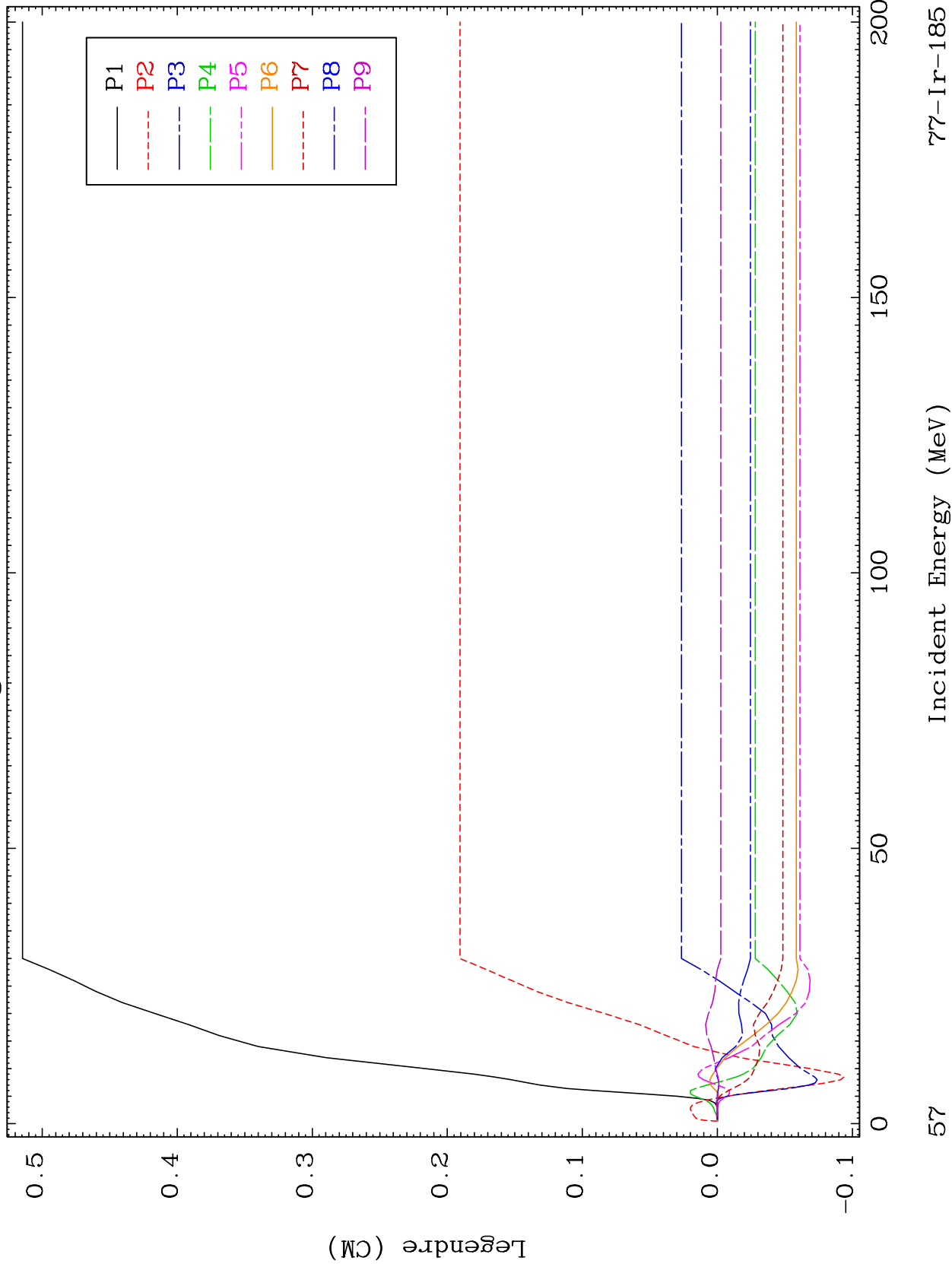




MAT 7707

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

77-Ir-185



57

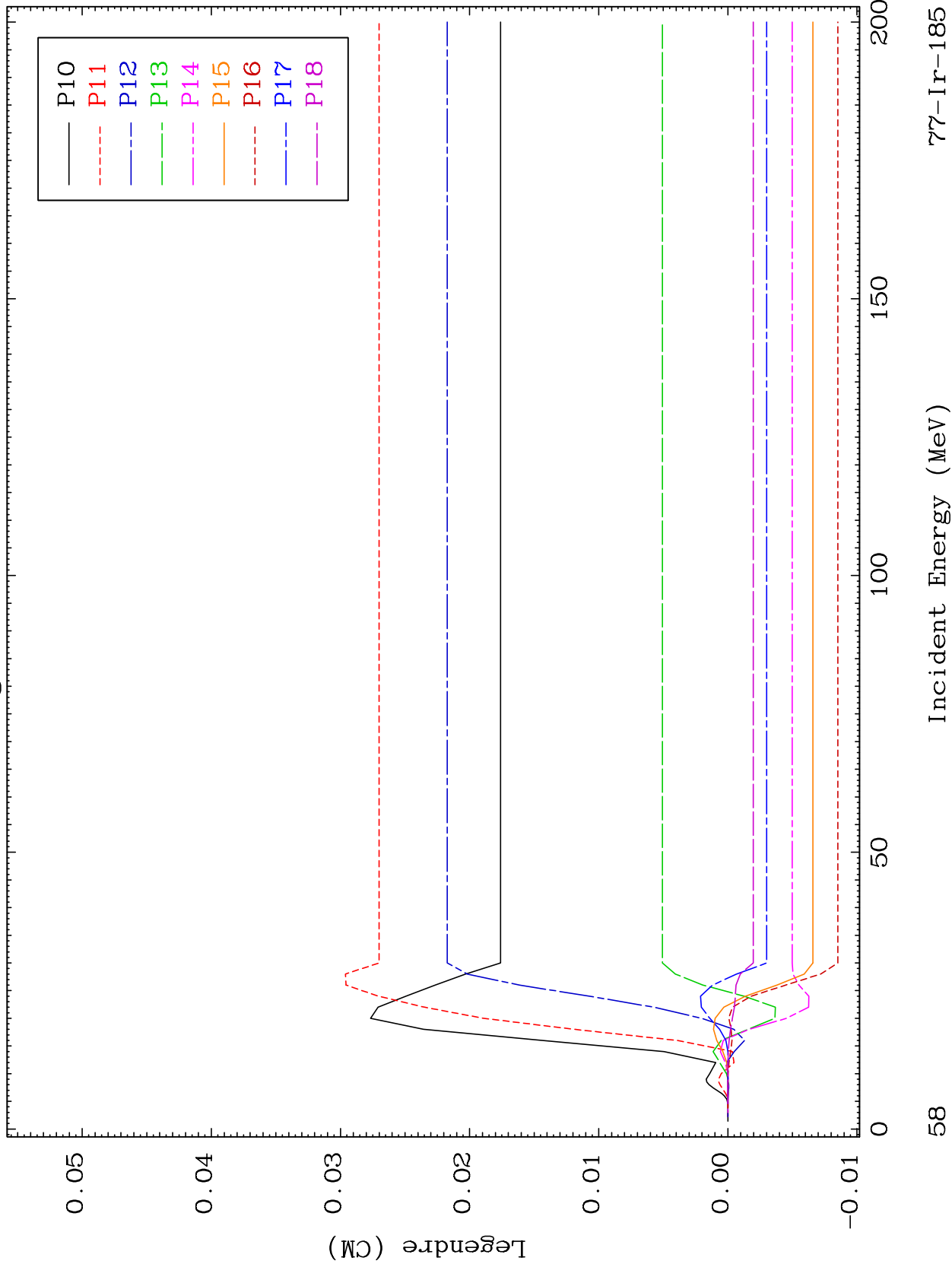
Incident Energy (MeV)

77-Ir-185

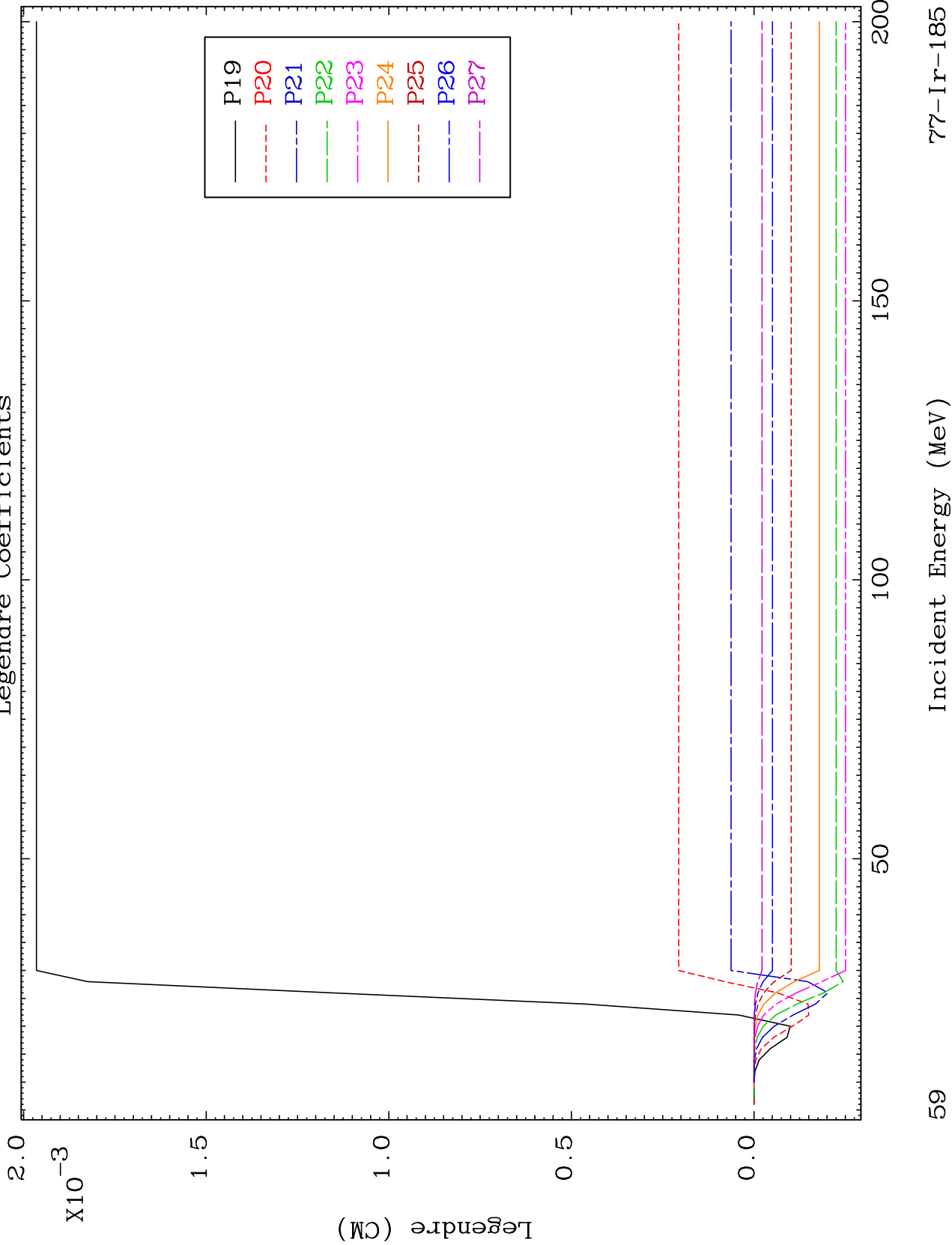
MAT 7707

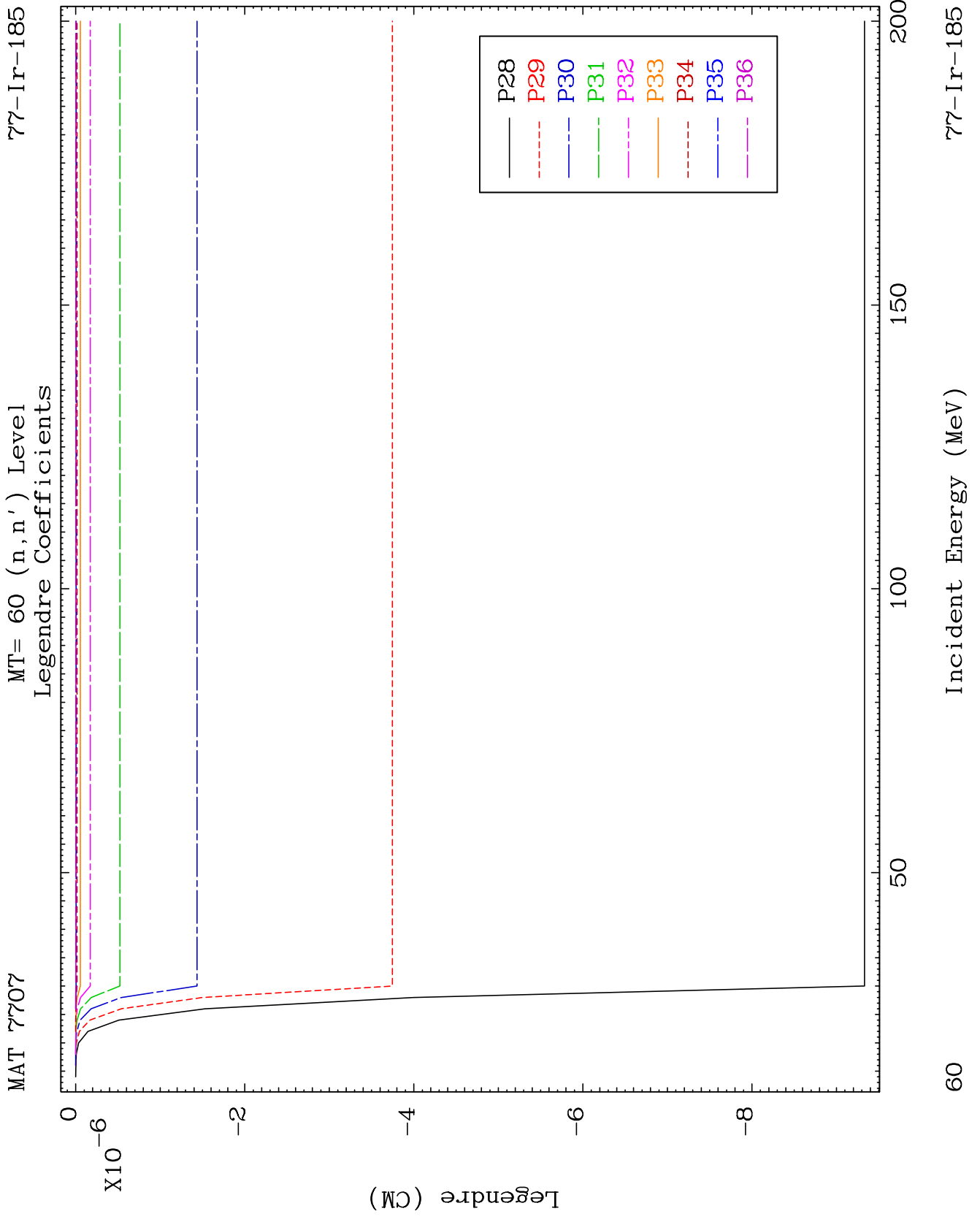
MT= 60 (n,n') Level
Legendre Coefficients

77-Ir-185



58

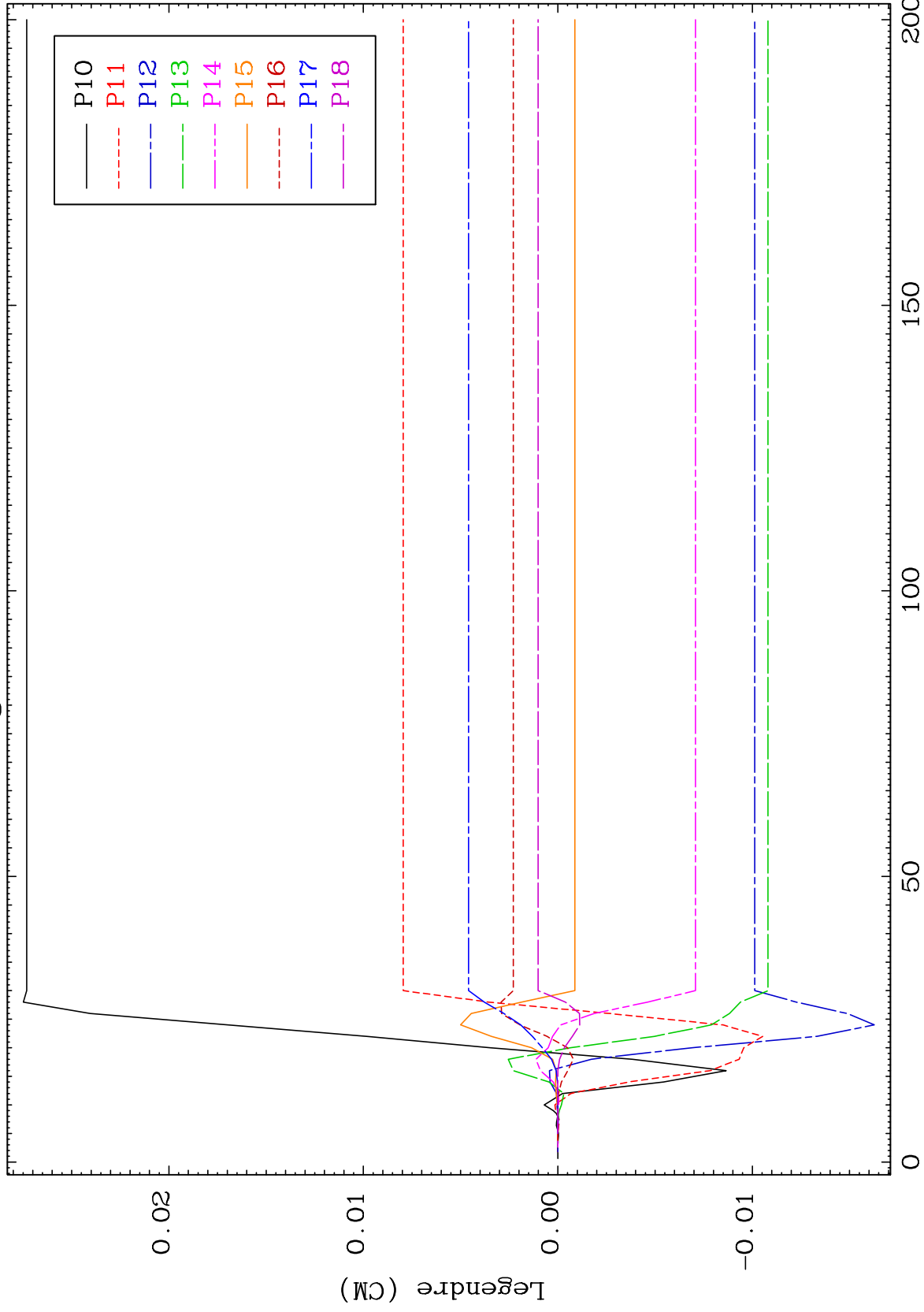




MAT 7707

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

77-Ir-185



62

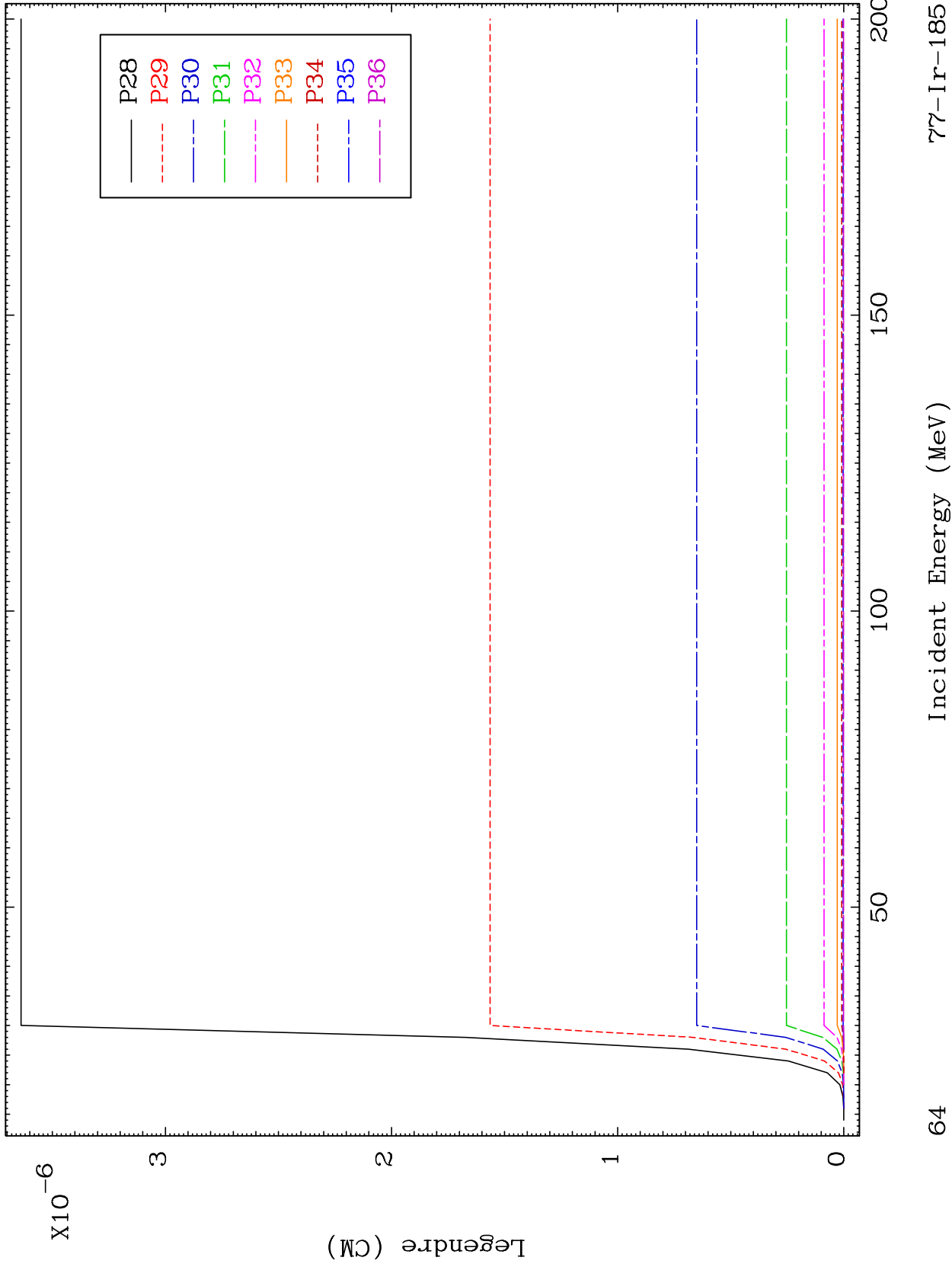
Incident Energy (MeV)

77-Ir-185

MAT 7707

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

77-Ir-185



64

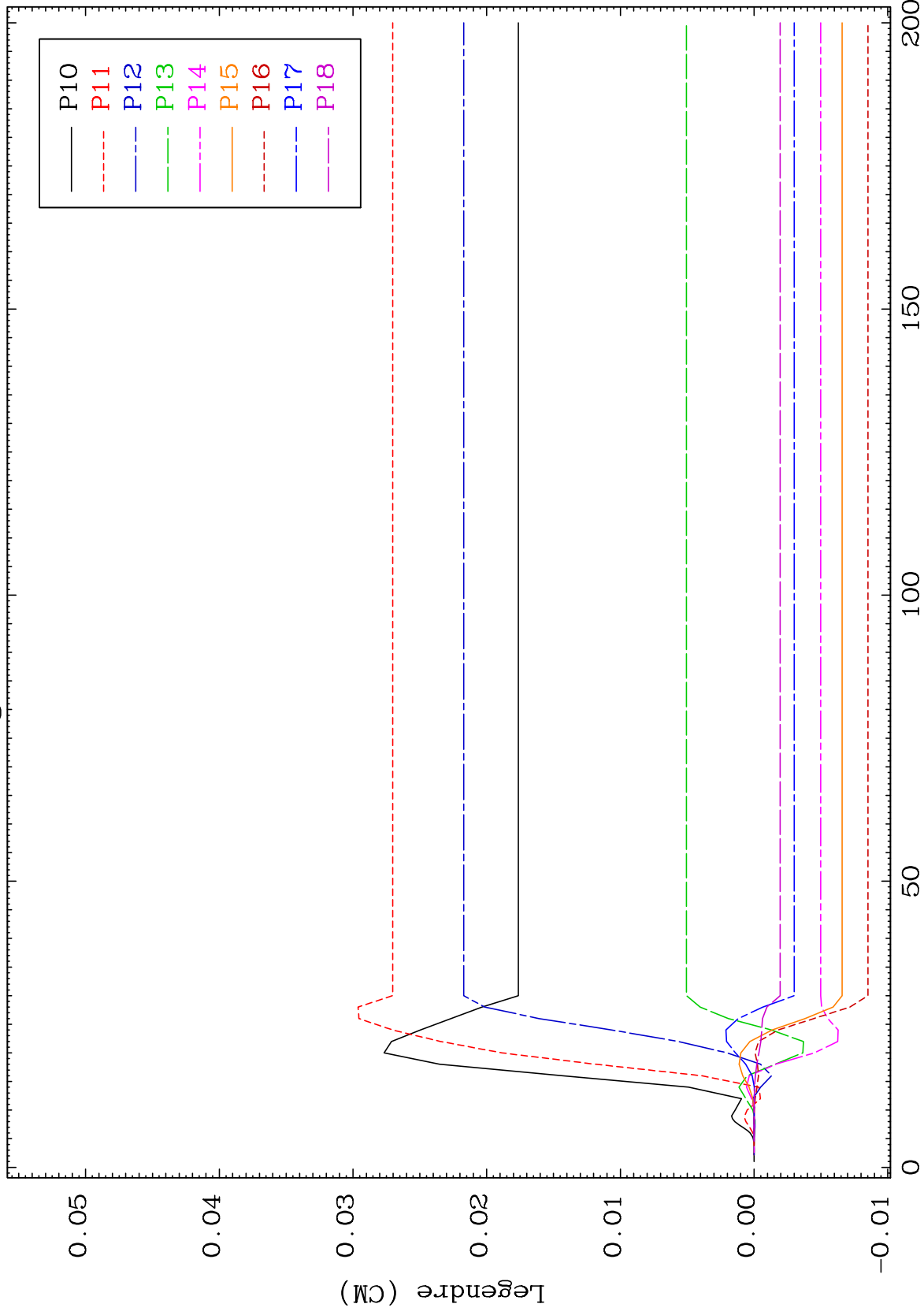
Incident Energy (MeV)

77-Ir-185

MAT 7707

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

77-Ir-185



66

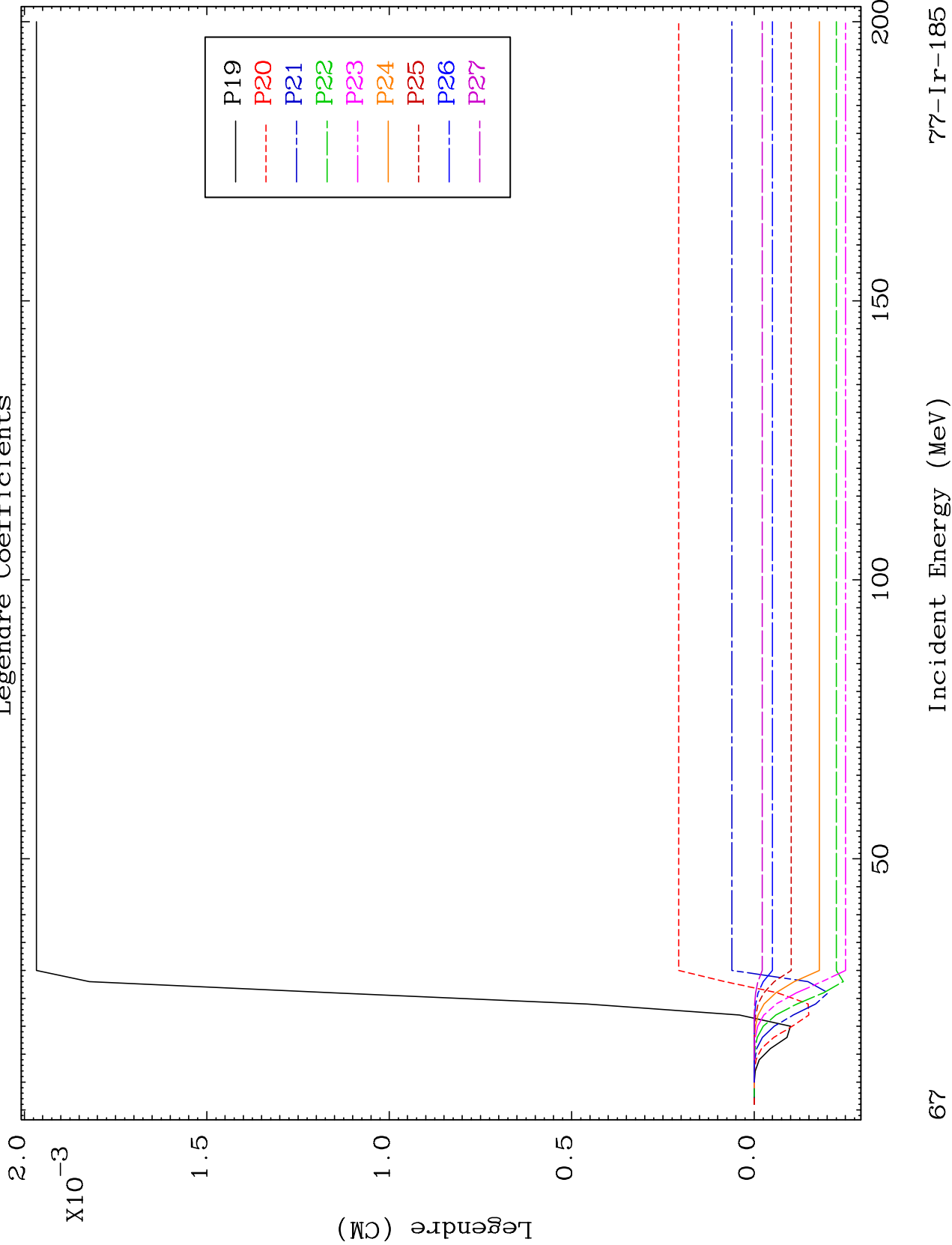
Incident Energy (MeV)

77-Ir-185

MAT 7707

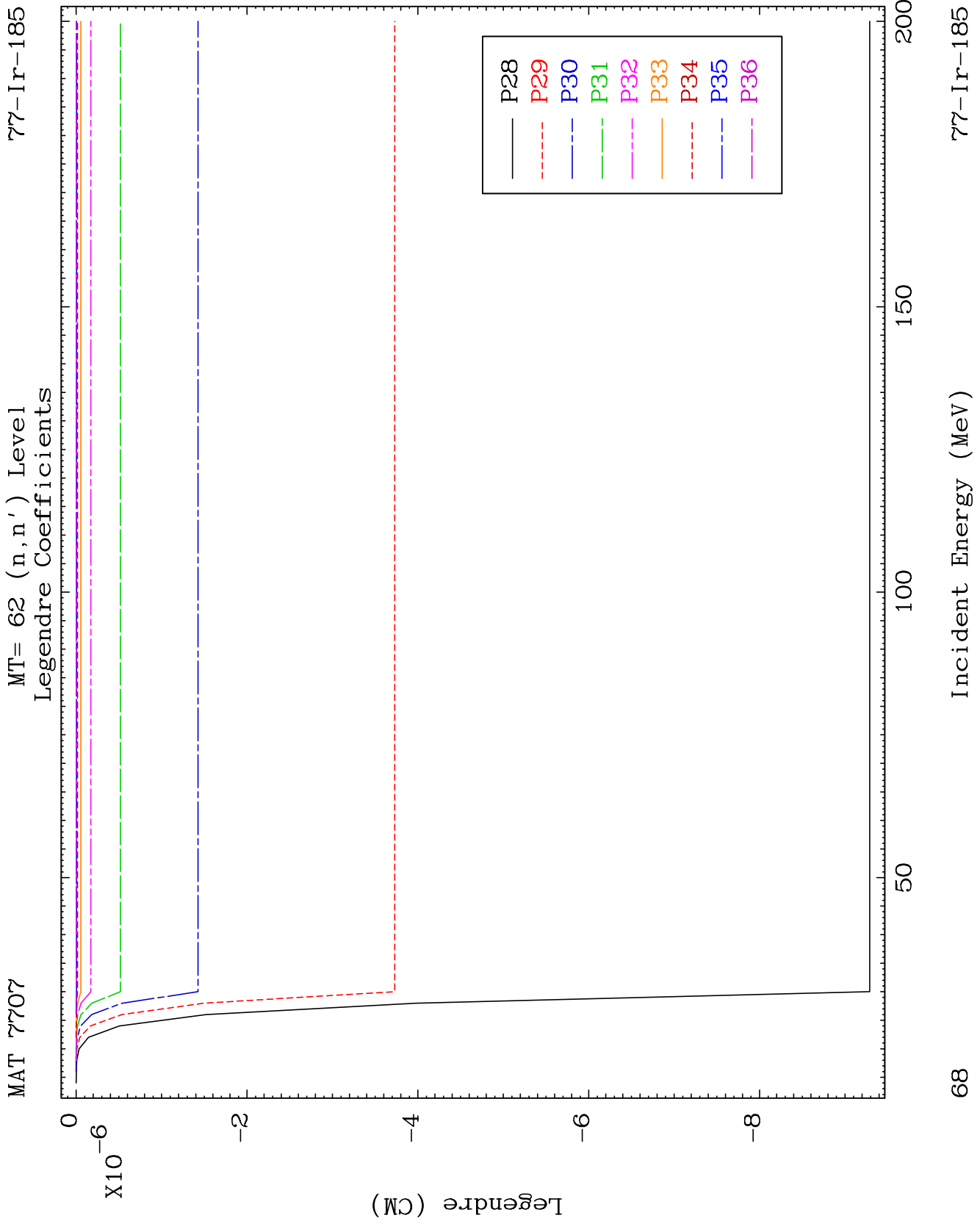
MT= 62 (n,n') Level
Legendre Coefficients

77-Ir-185



67

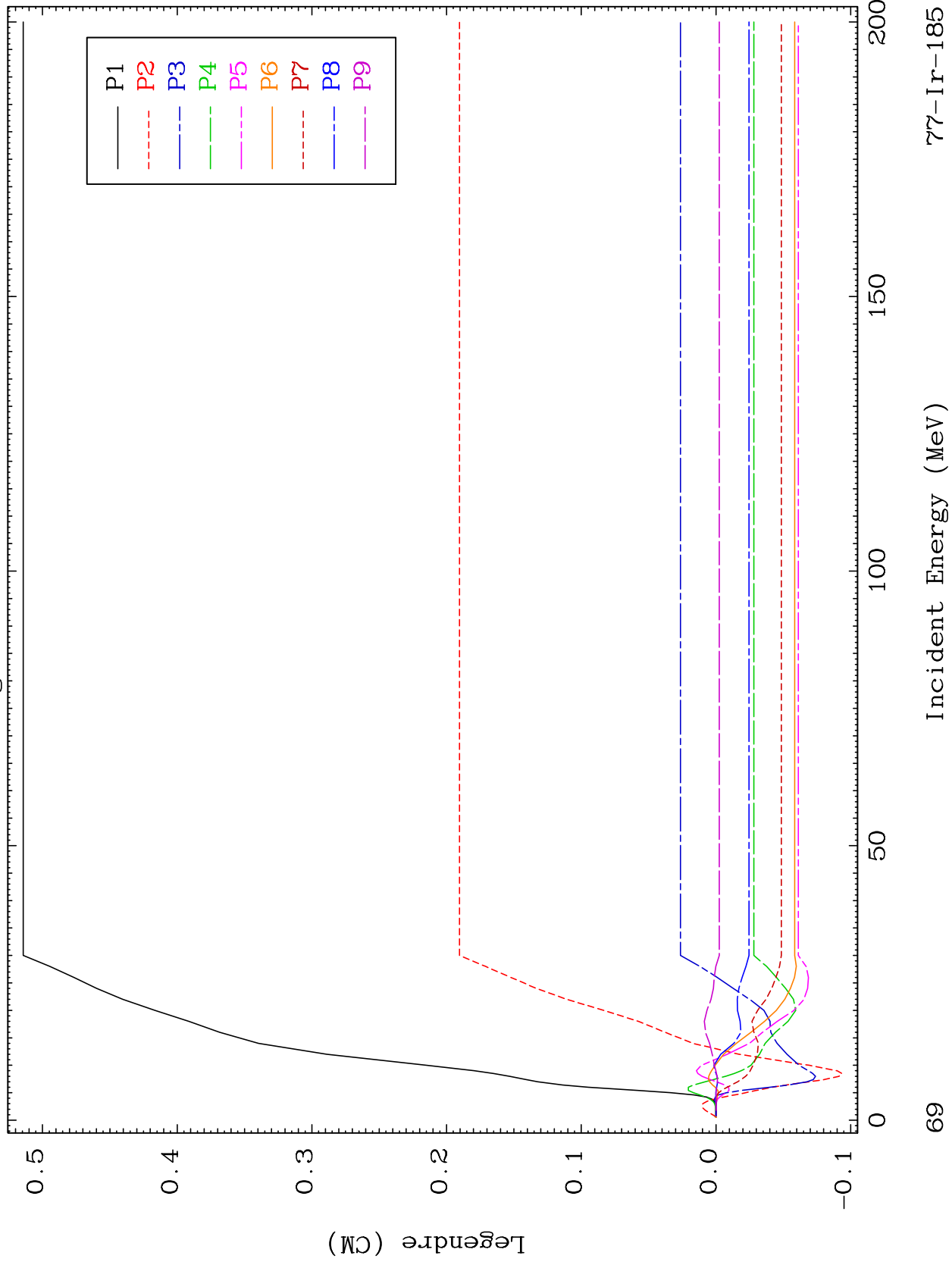
77-Ir-185



MAT 7707

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

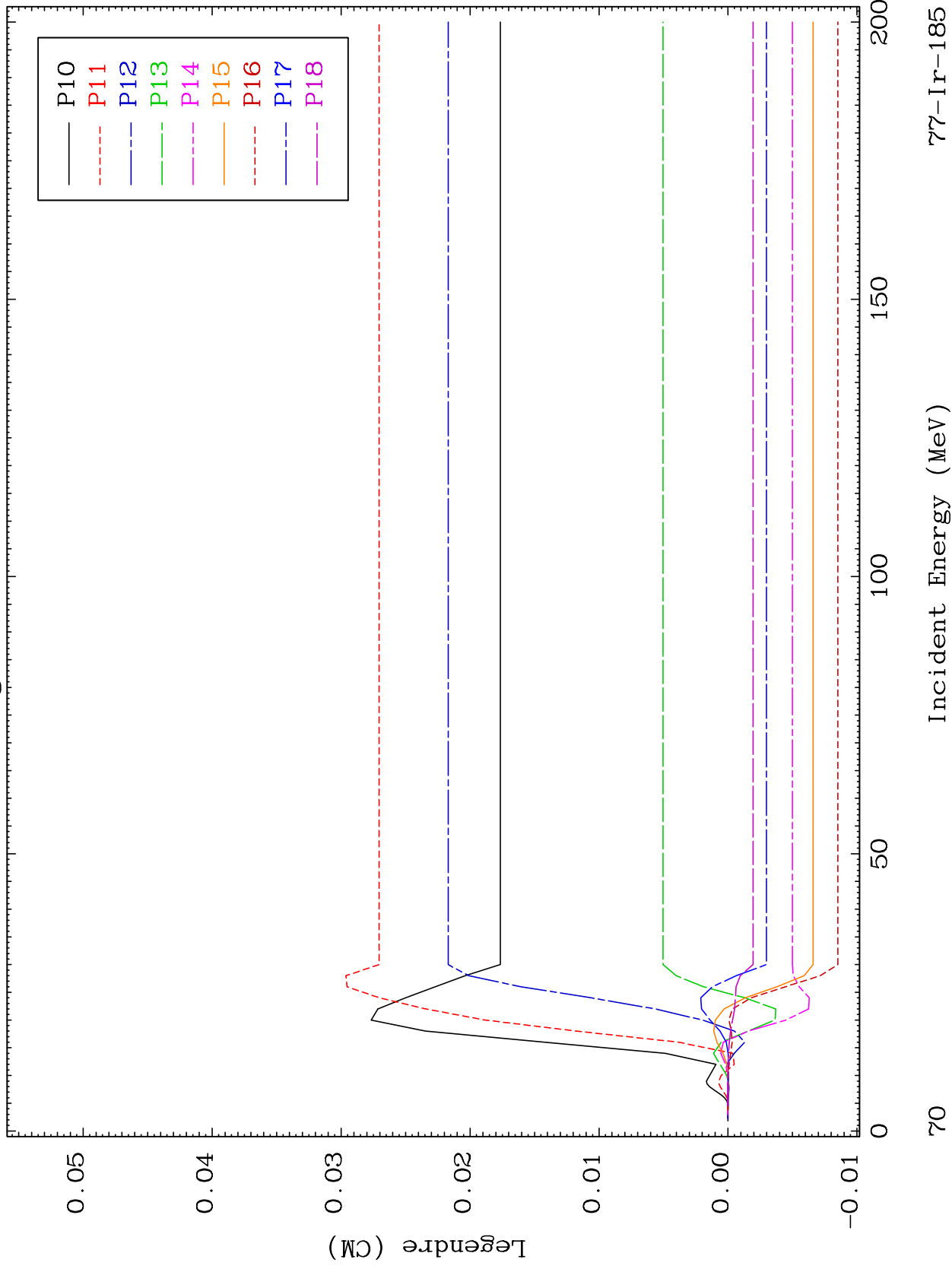
77-Ir-185



MAT 7707

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

77-Ir-185



77-Ir-185

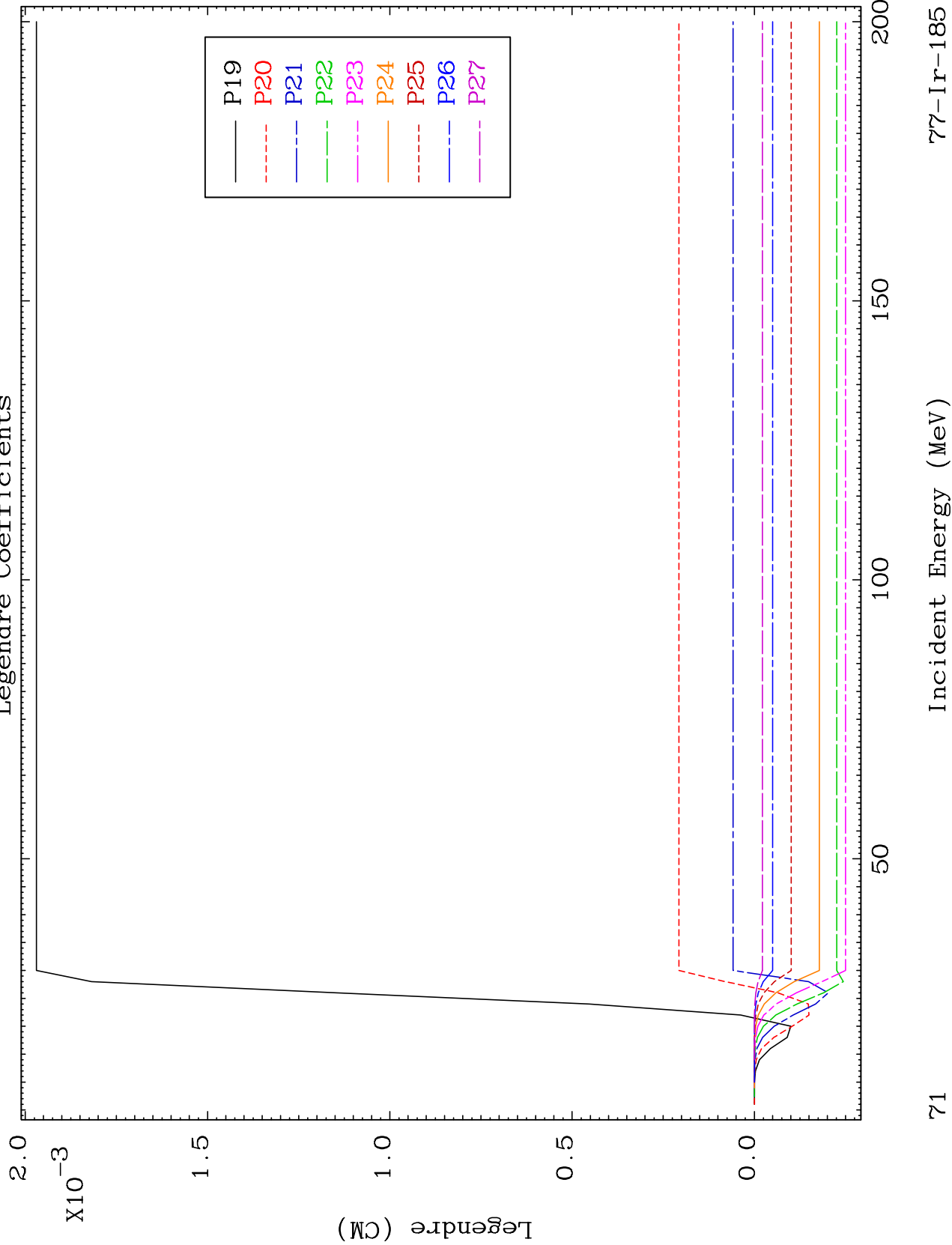
Incident Energy (MeV)

70

MAT 7707

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

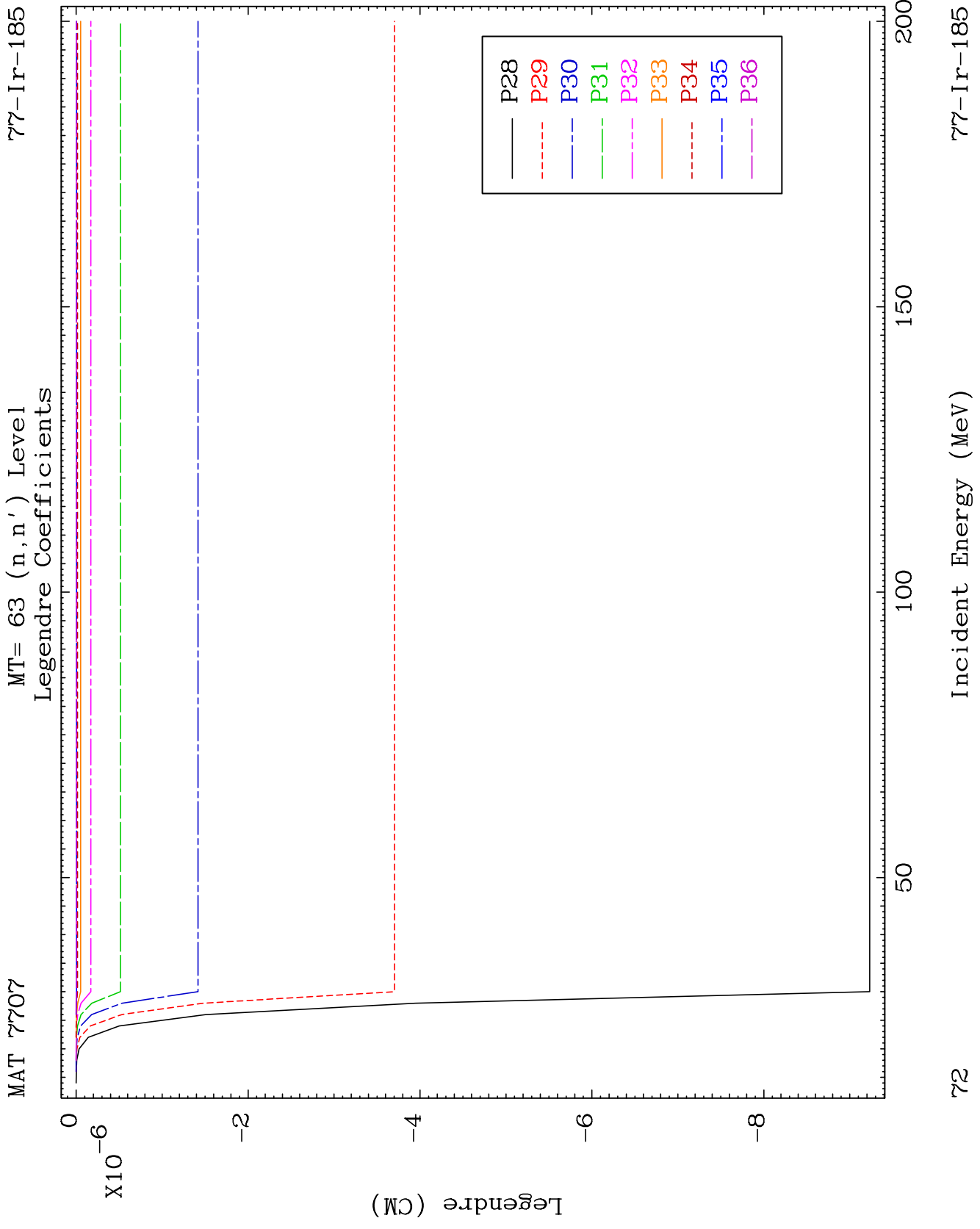
77-Ir-185



71

Incident Energy (MeV)

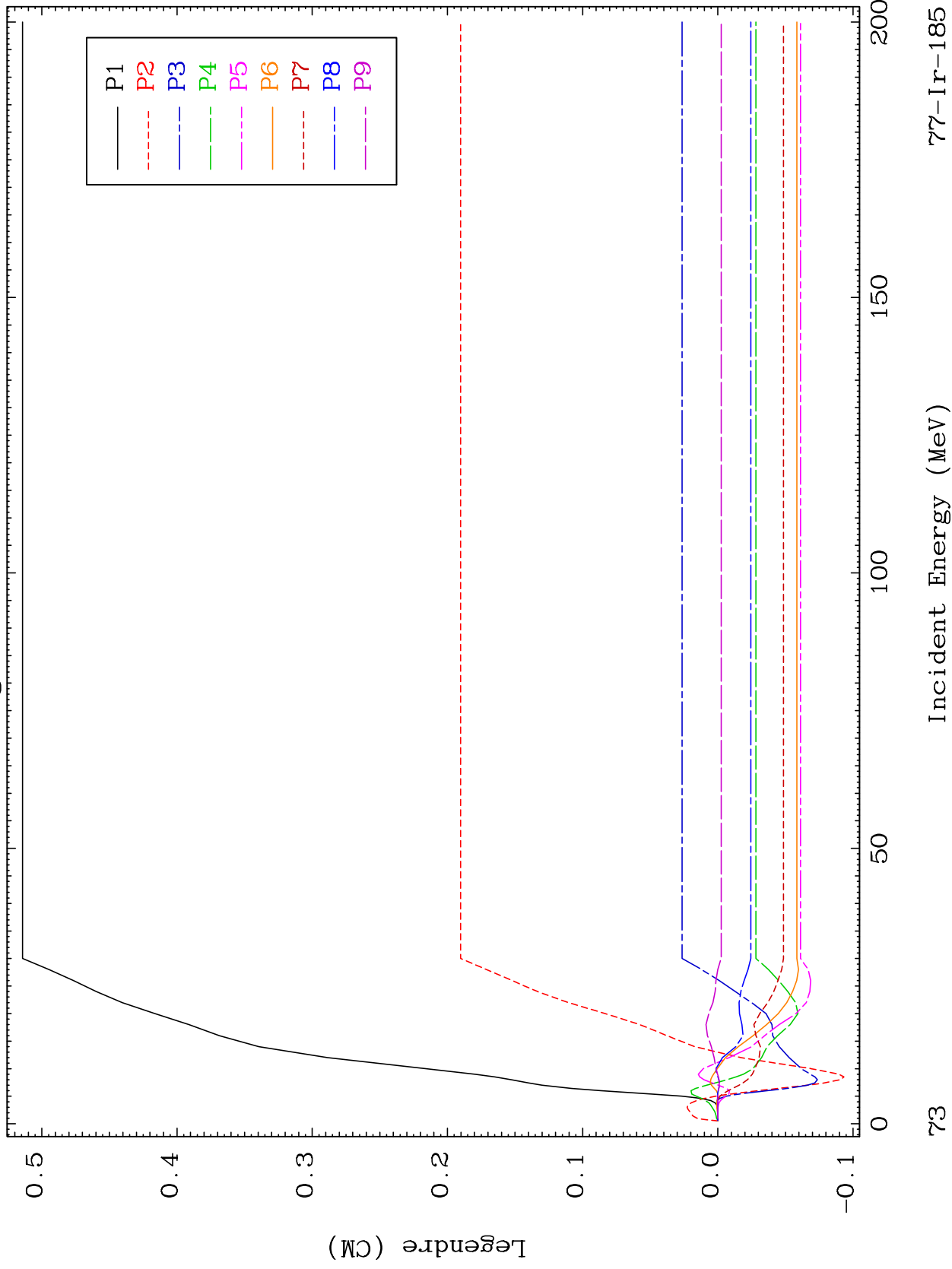
77-Ir-185



MAT 7707

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

77-Ir-185



73

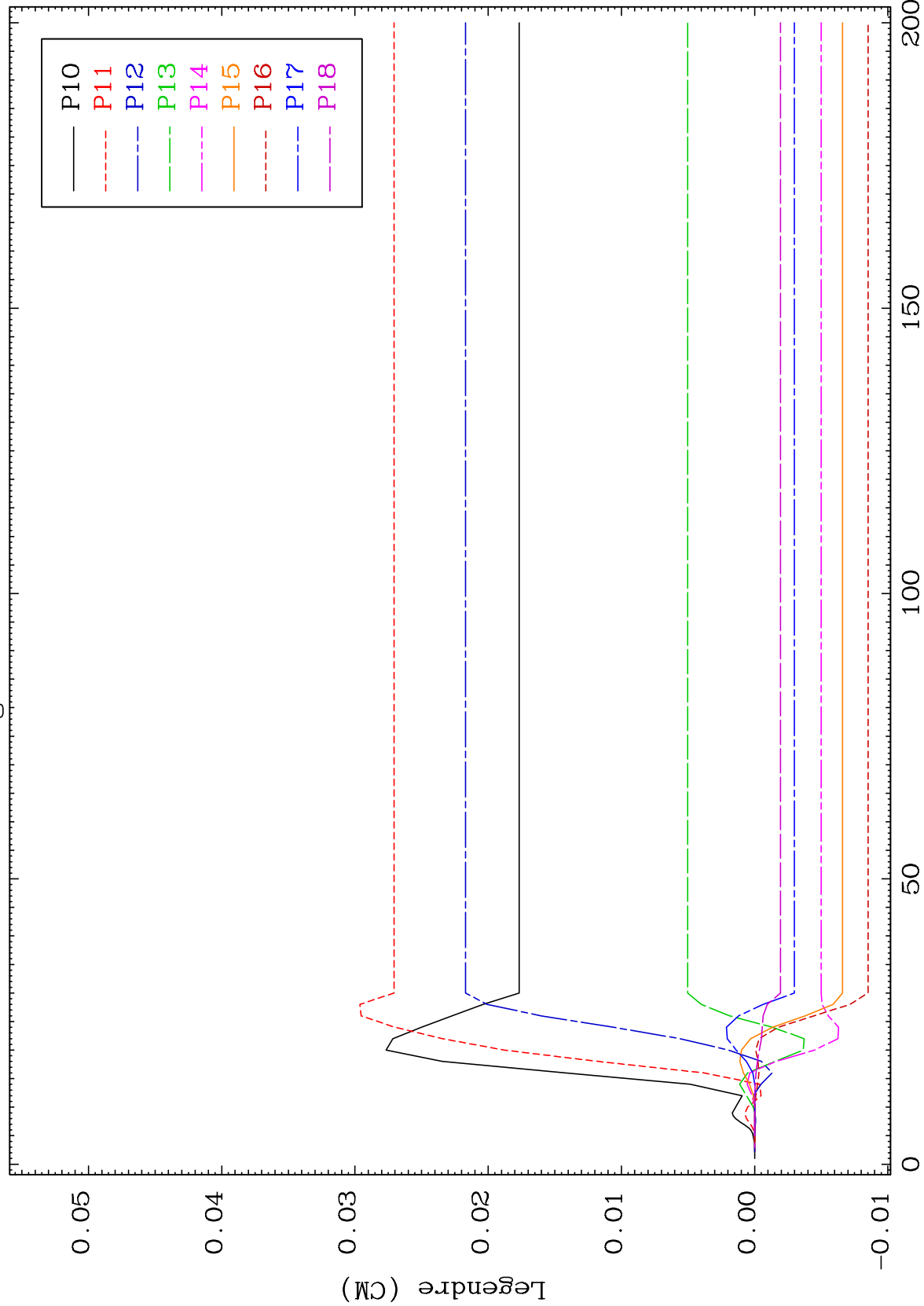
Incident Energy (MeV)

77-Ir-185

MAT 7707

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

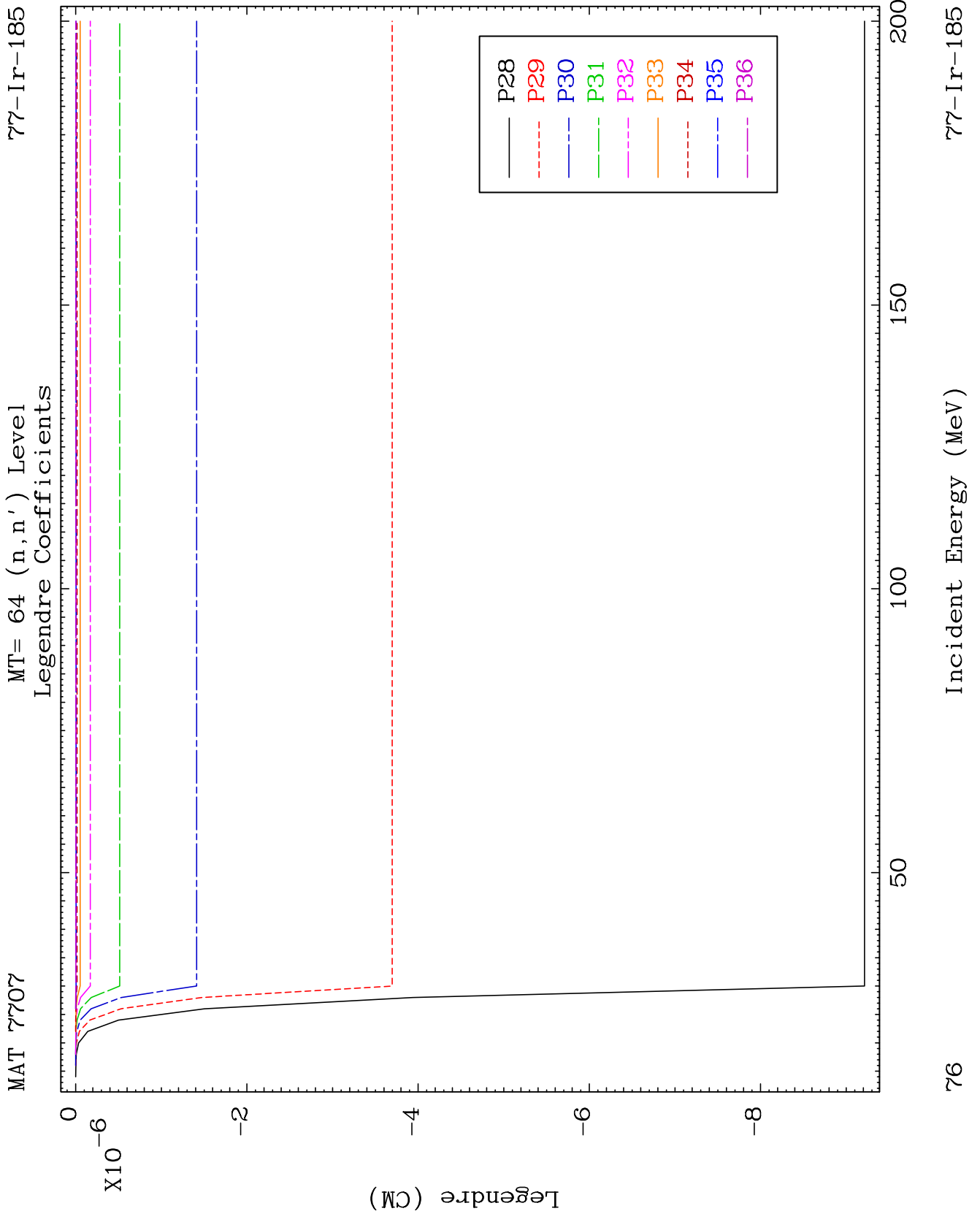
77-Ir-185



74

Incident Energy (MeV)

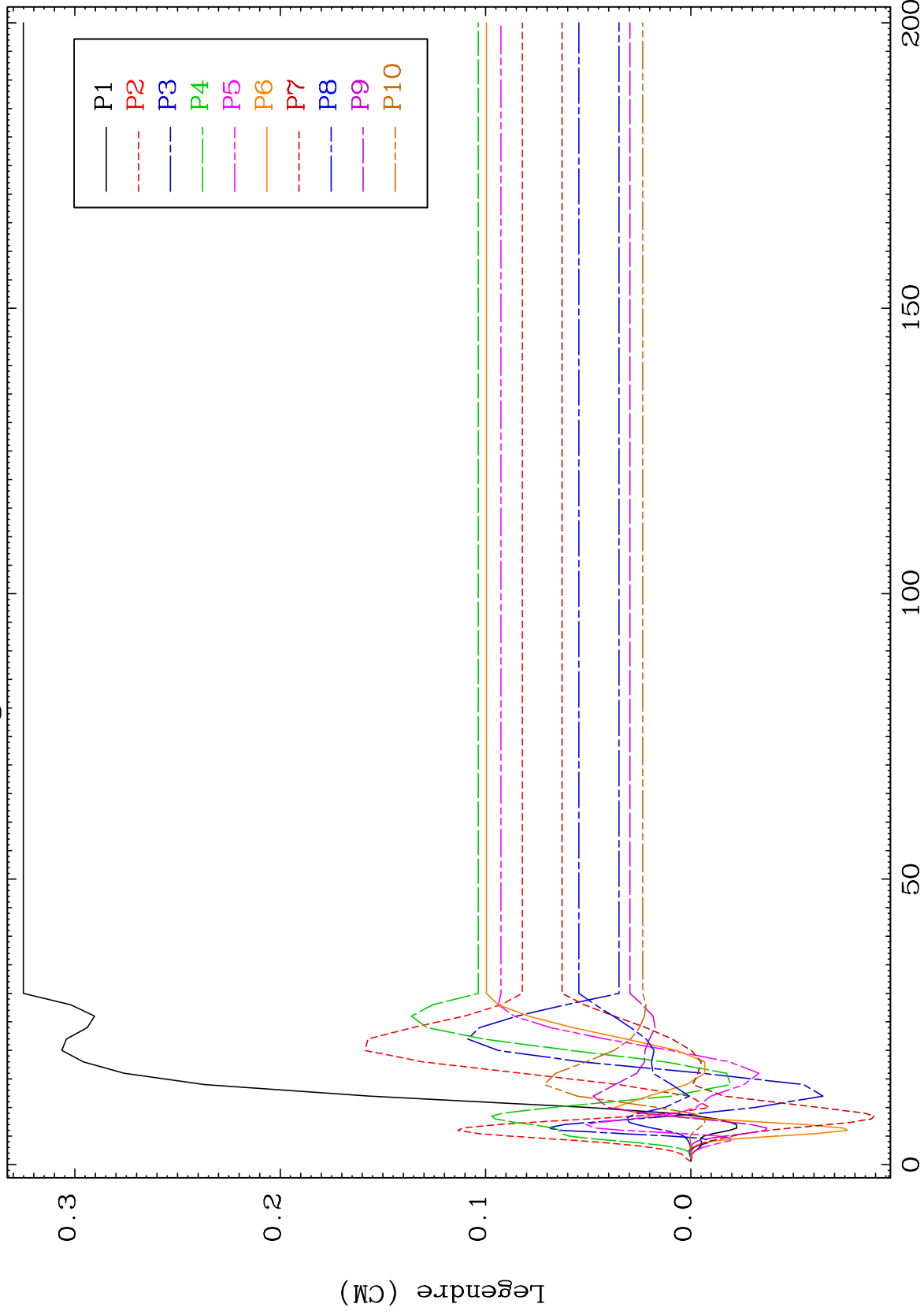
77-Ir-185



MAT 7707

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

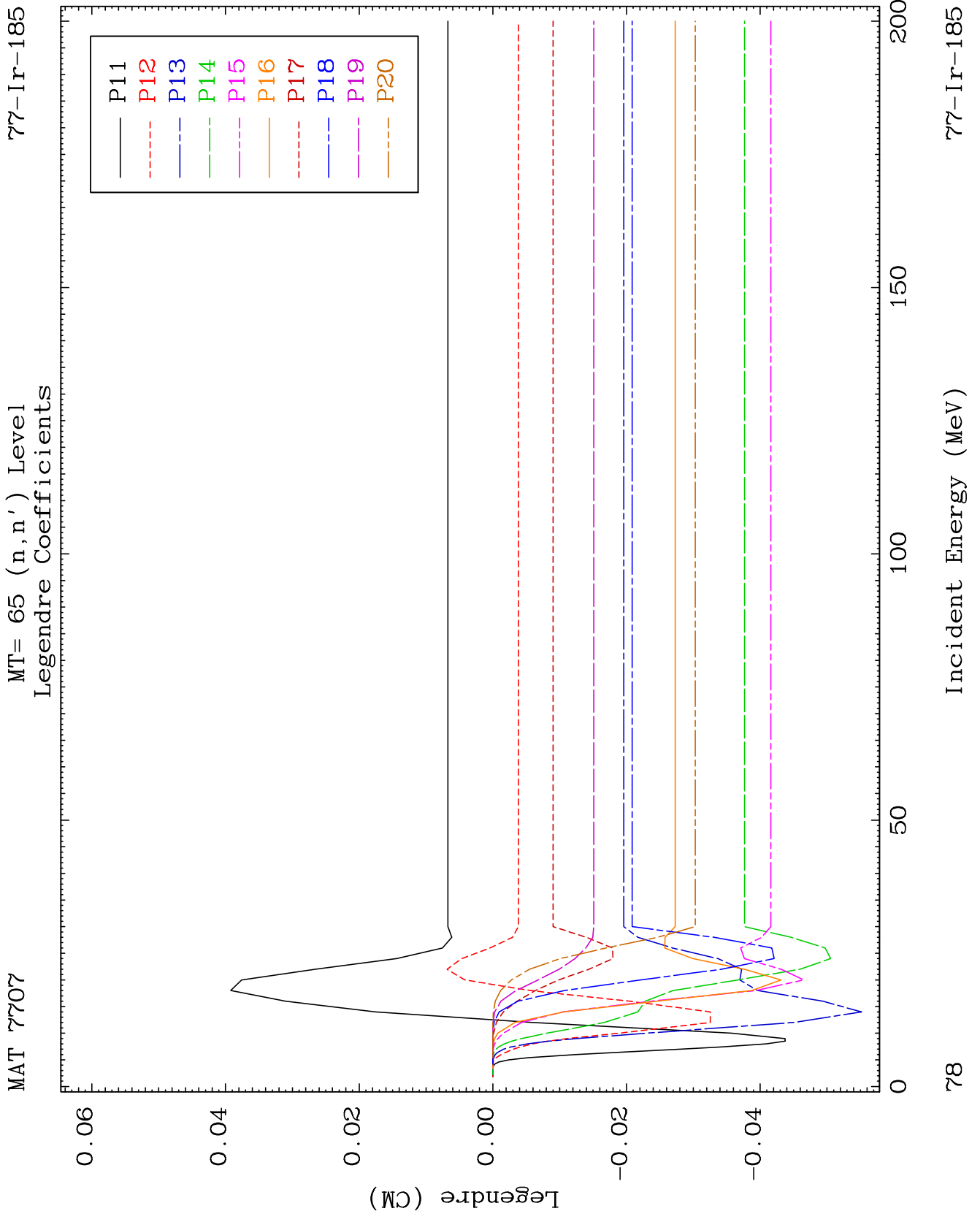
77-Ir-185

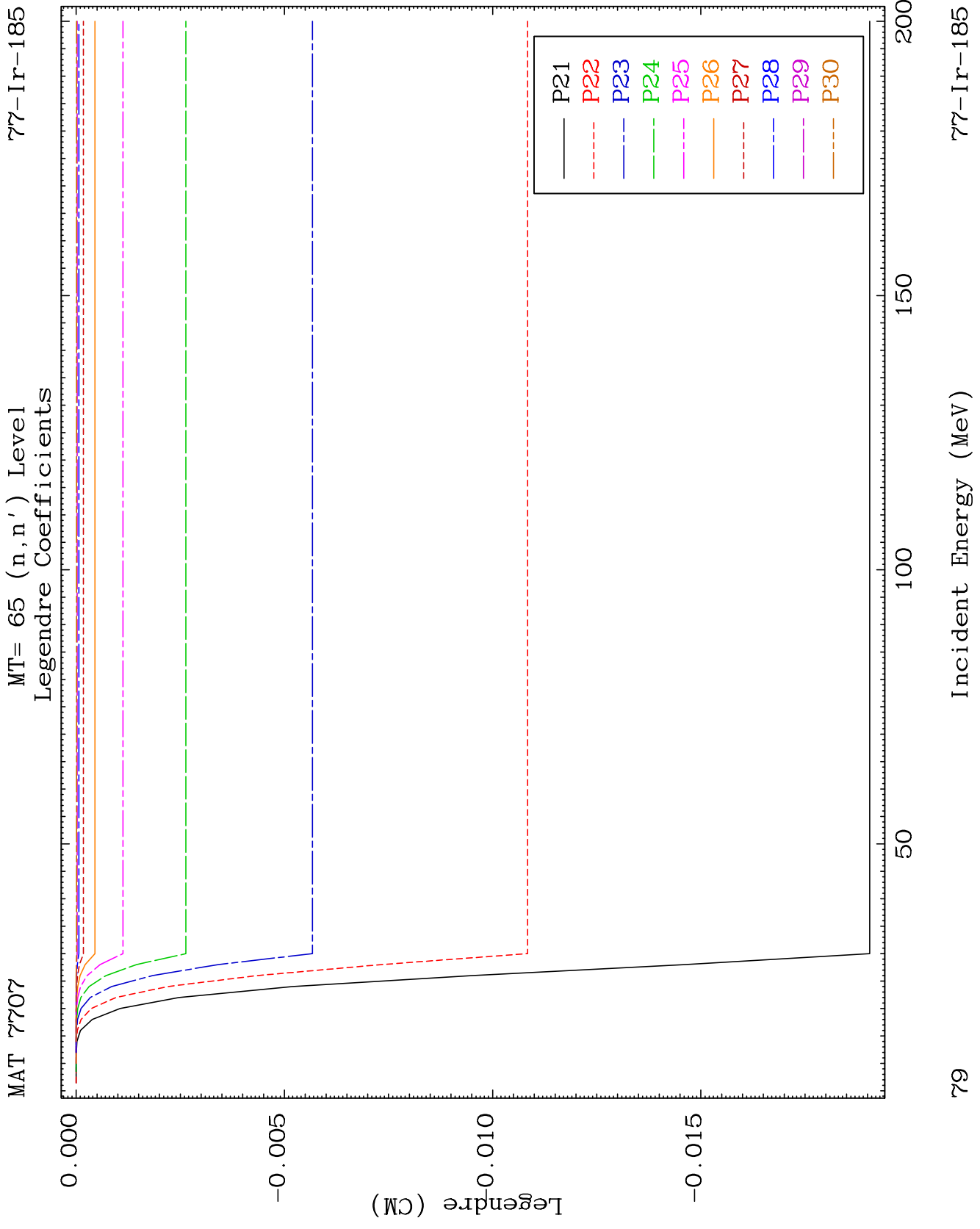


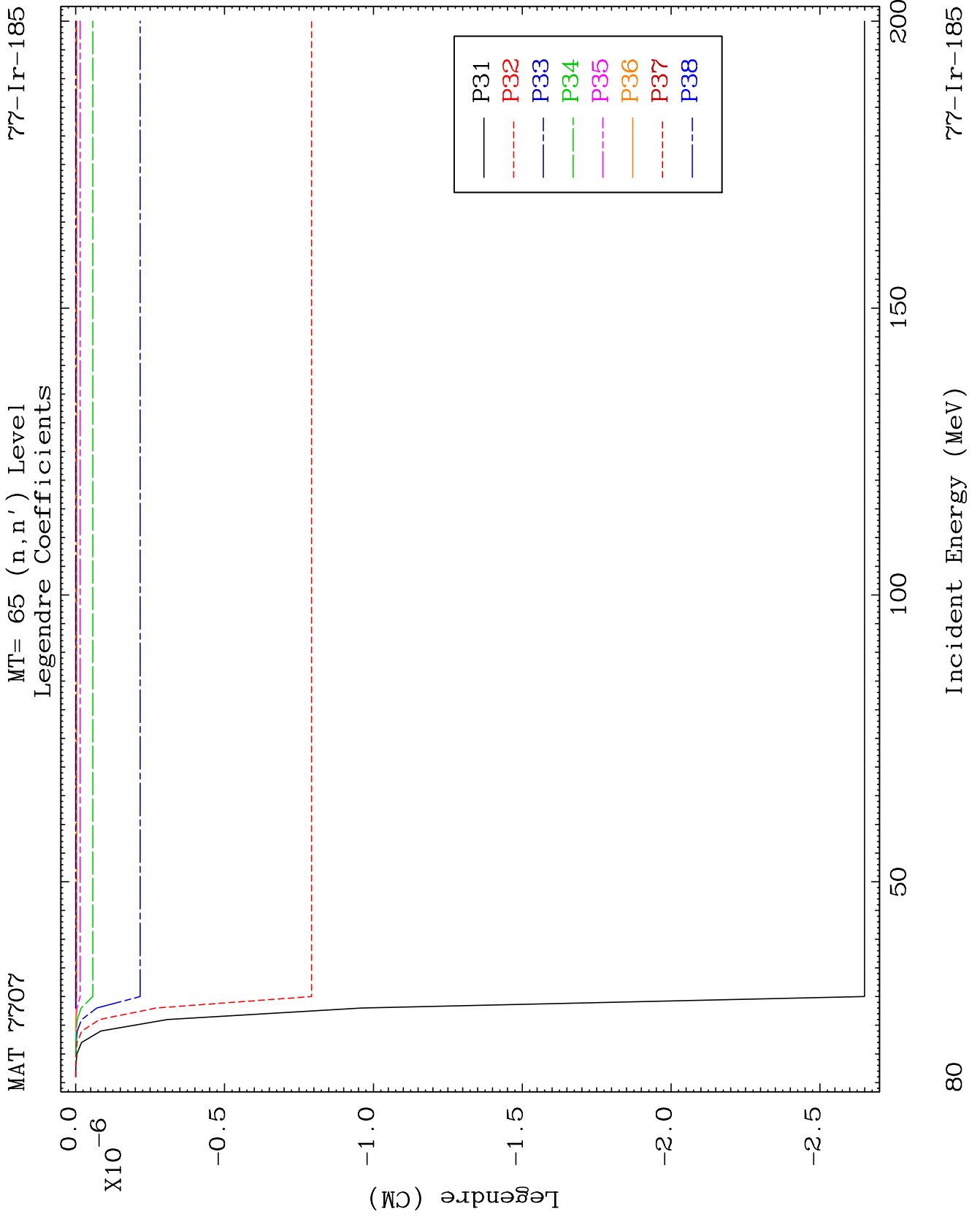
77

Incident Energy (MeV)

77-Ir-185



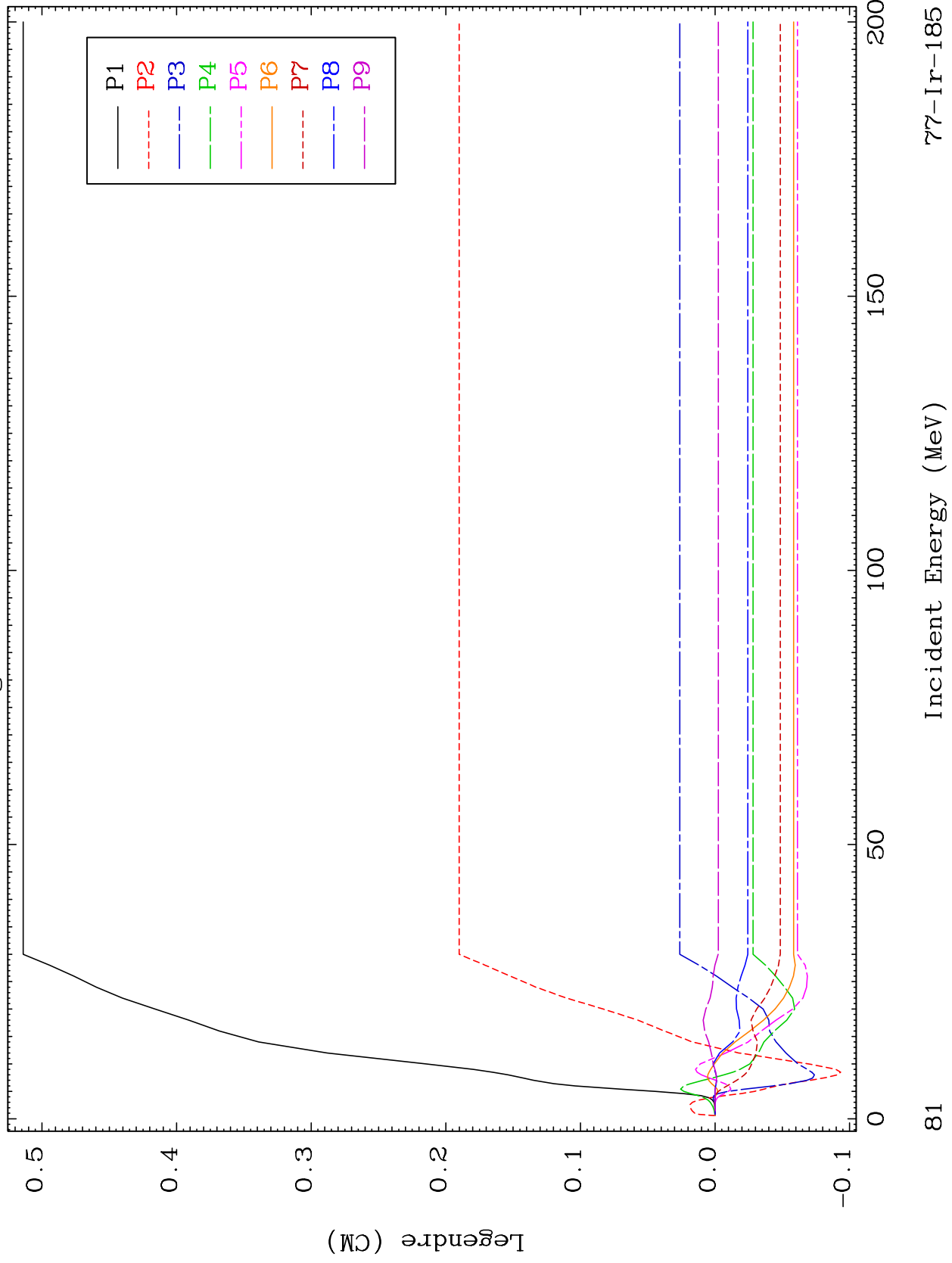




MAT 7707

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

77-Ir-185



81

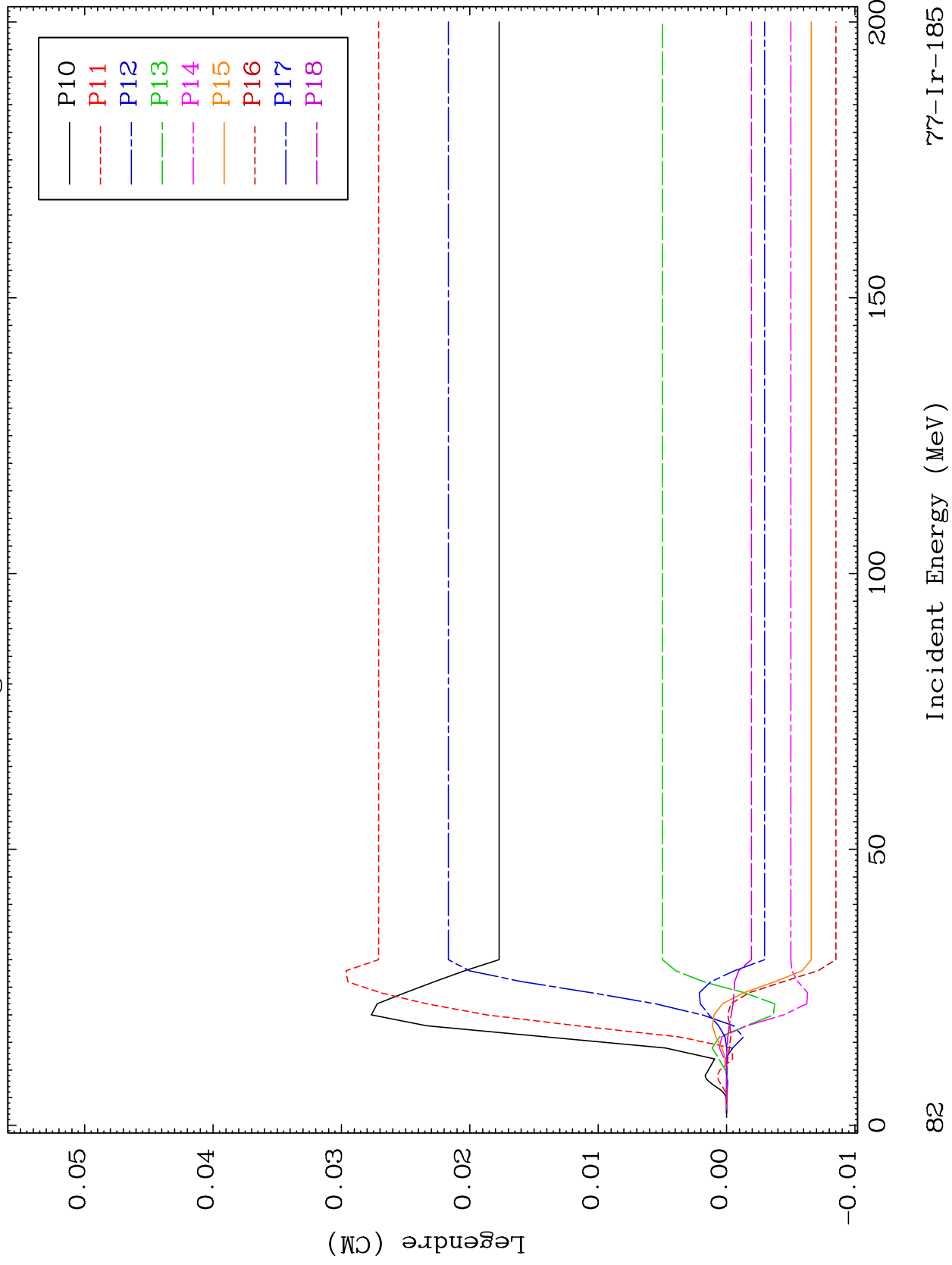
Incident Energy (MeV)

77-Ir-185

MAT 7707

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

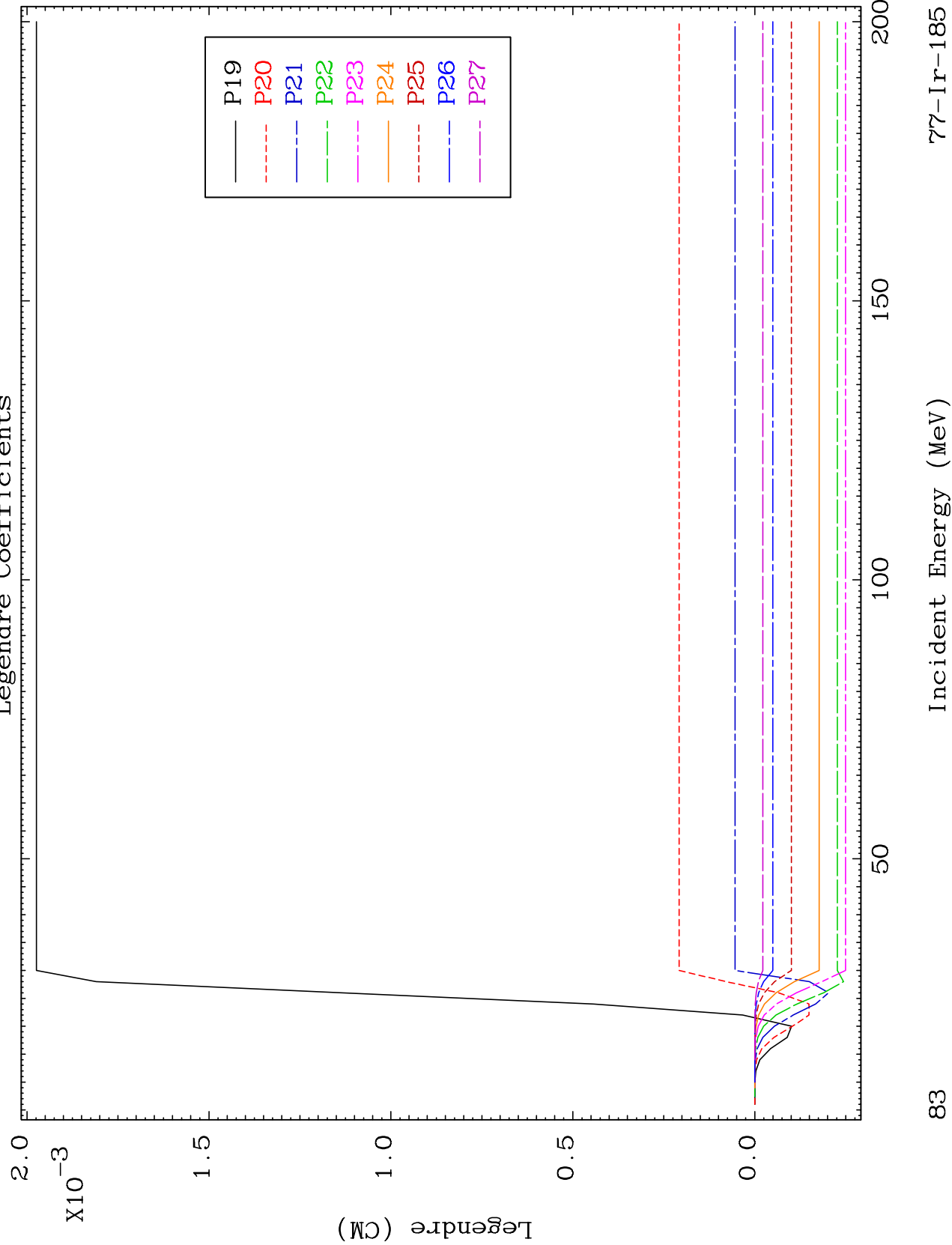
77-Ir-185

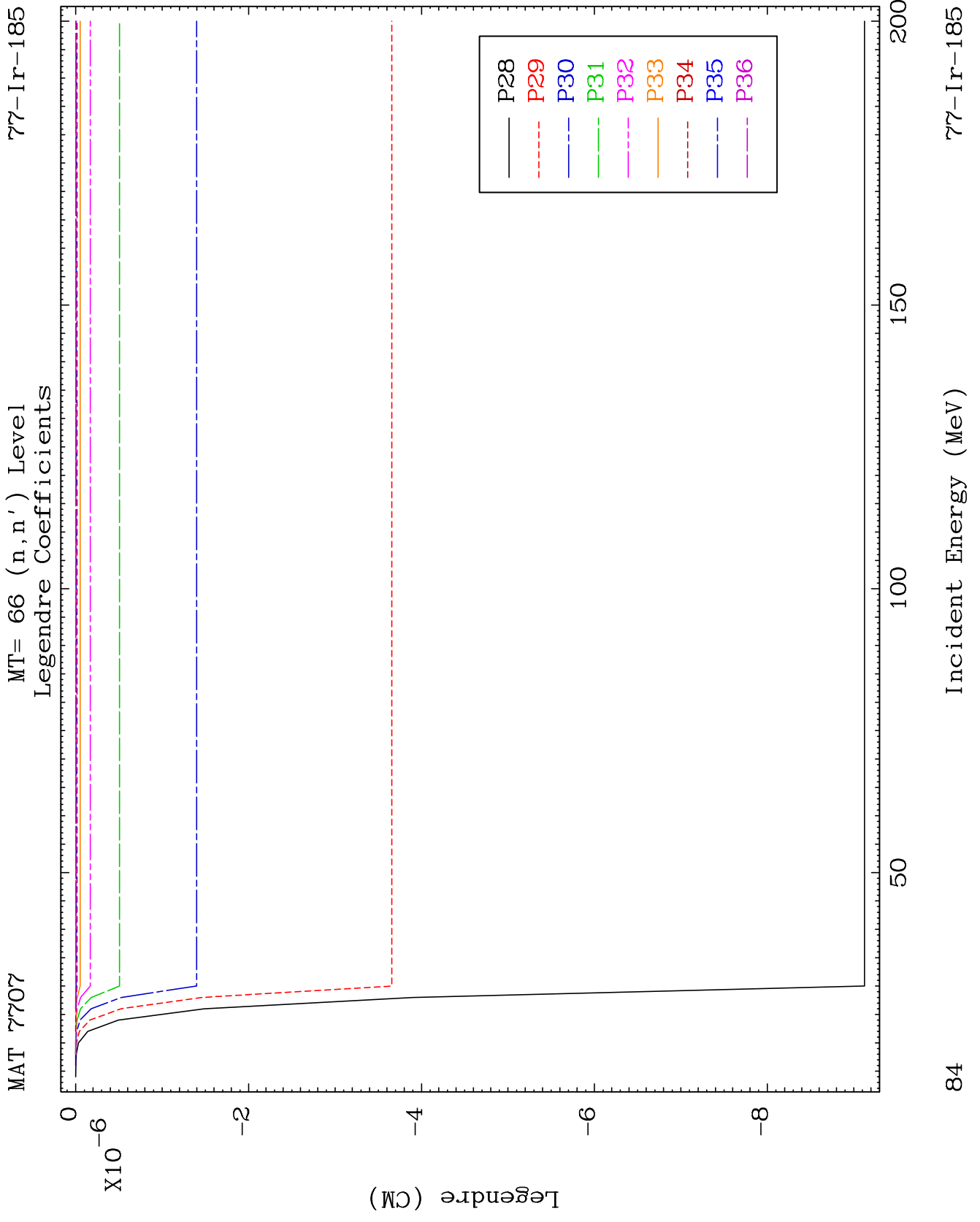


77-Ir-185

Incident Energy (MeV)

82

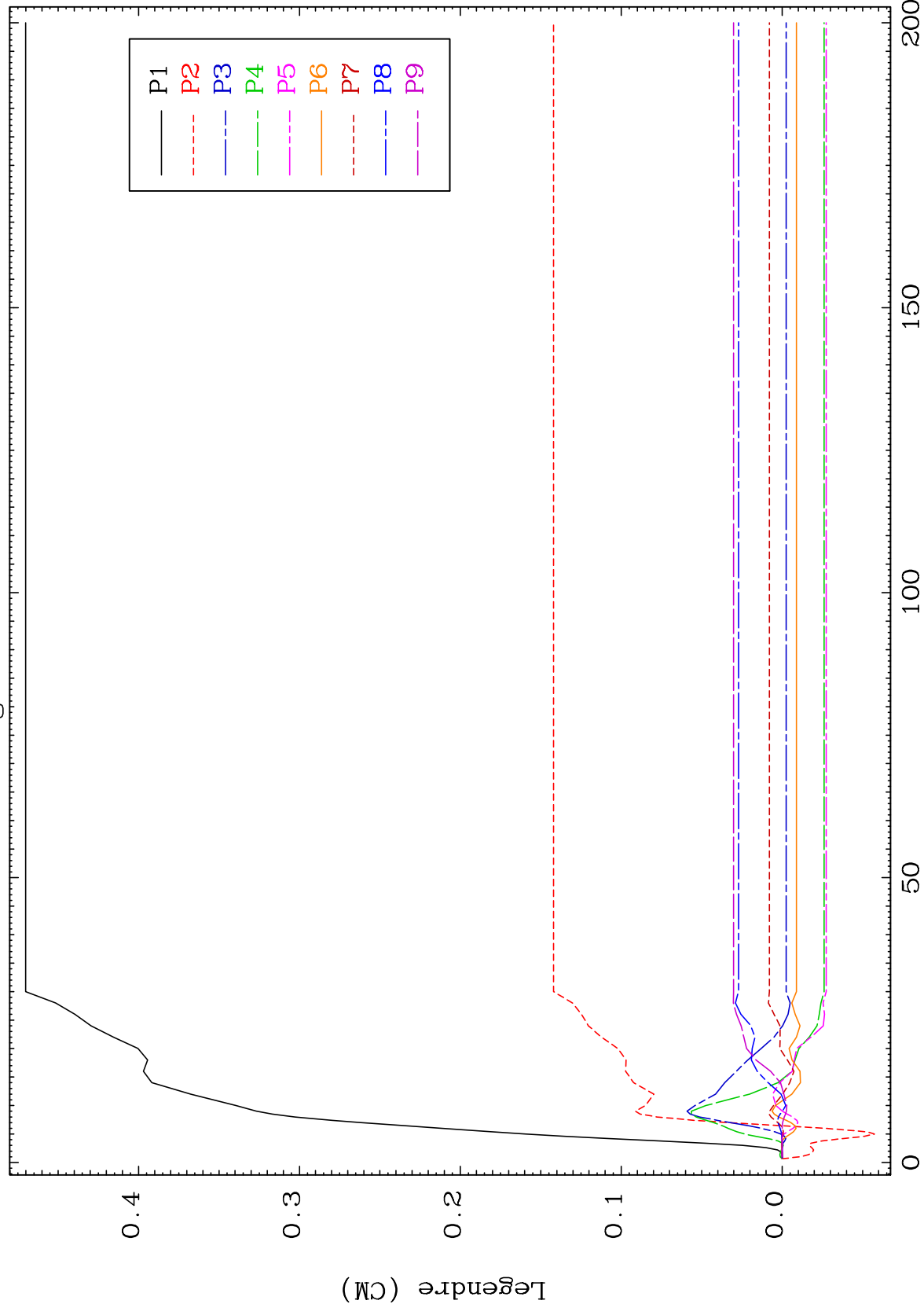




MAT 7707

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

77-Ir-185



77-Ir-185

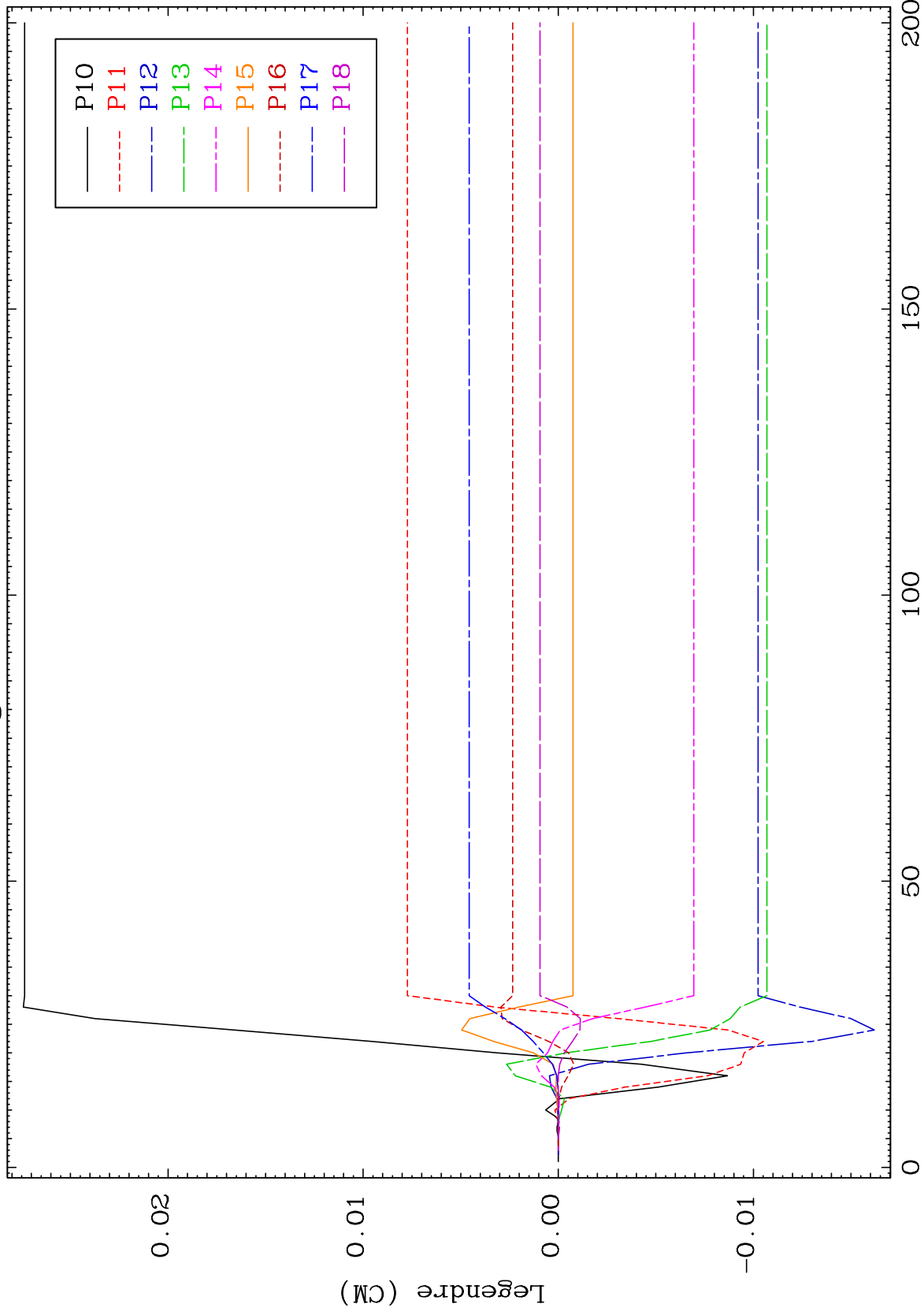
Incident Energy (MeV)

85

MAT 7707

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

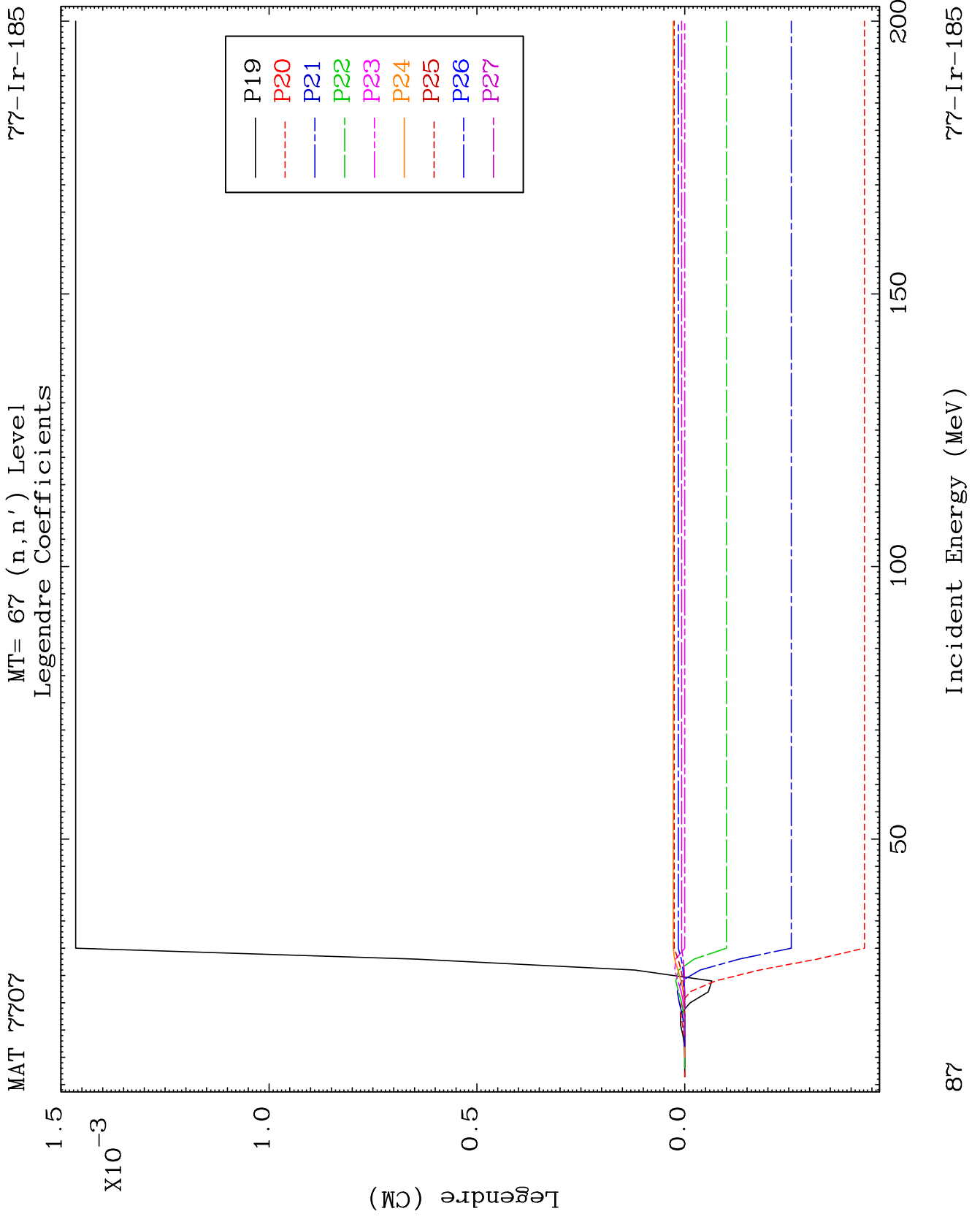
77-Ir-185



86

Incident Energy (MeV)

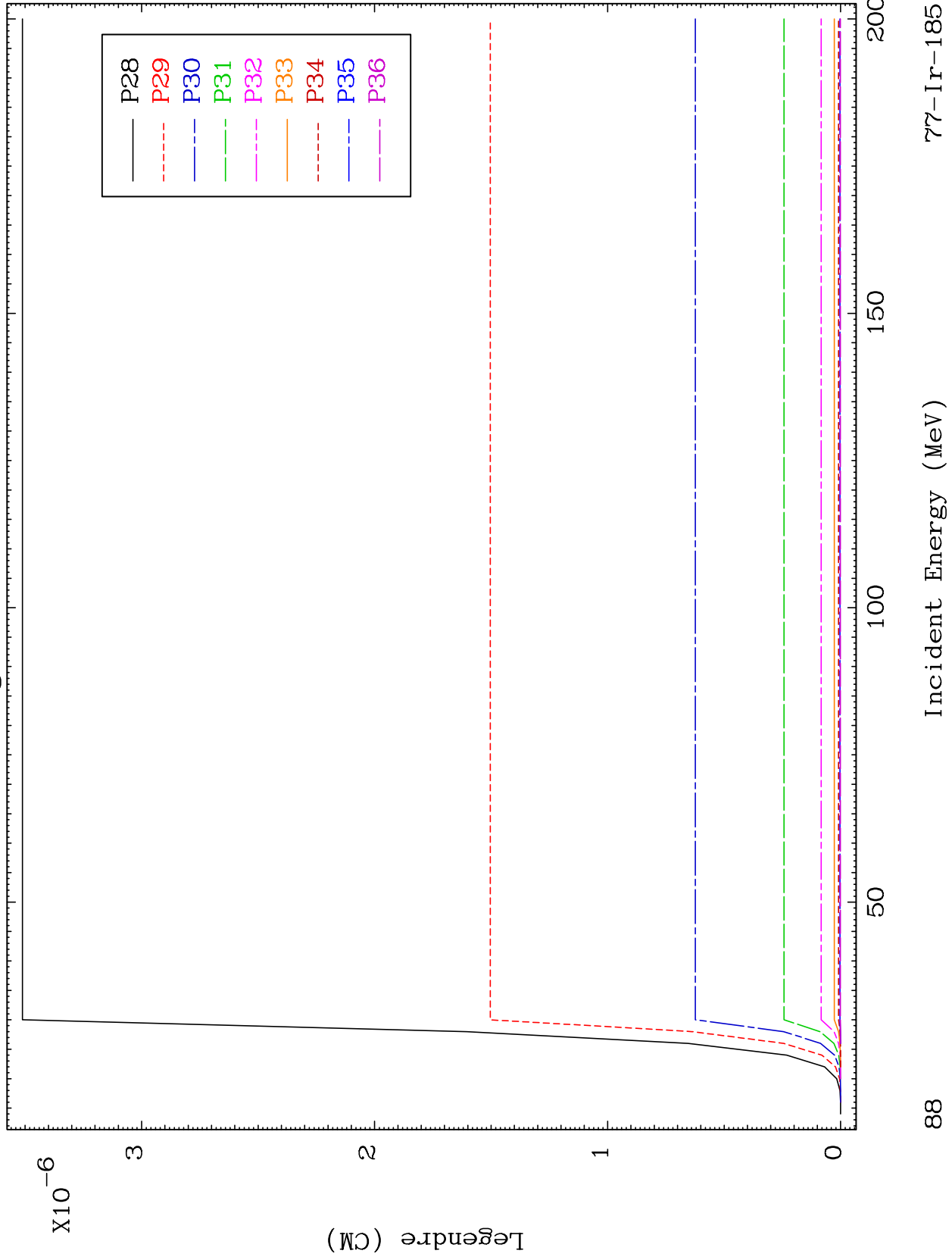
77-Ir-185



MAT 7707

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

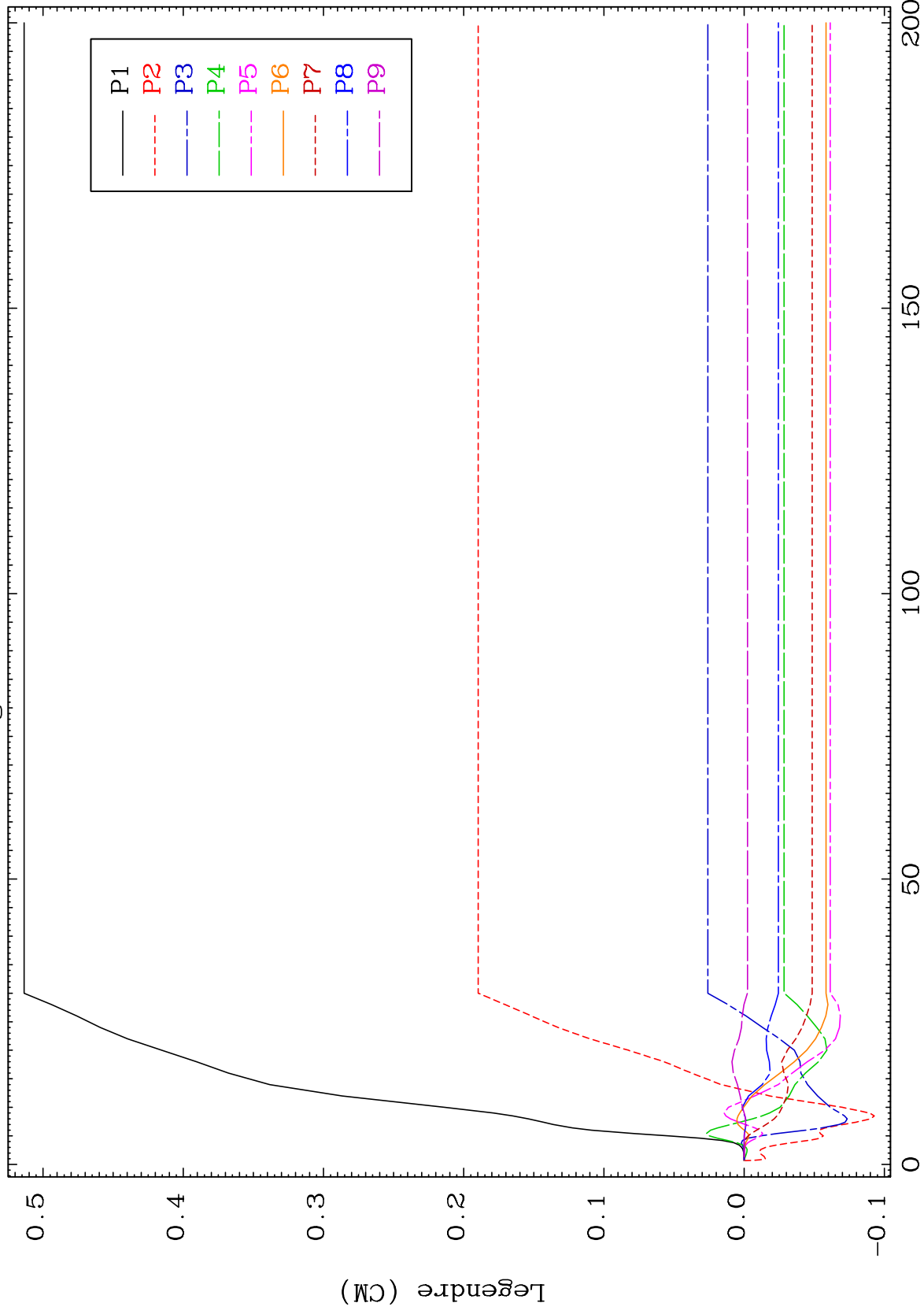
77-Ir-185



MAT 7707

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

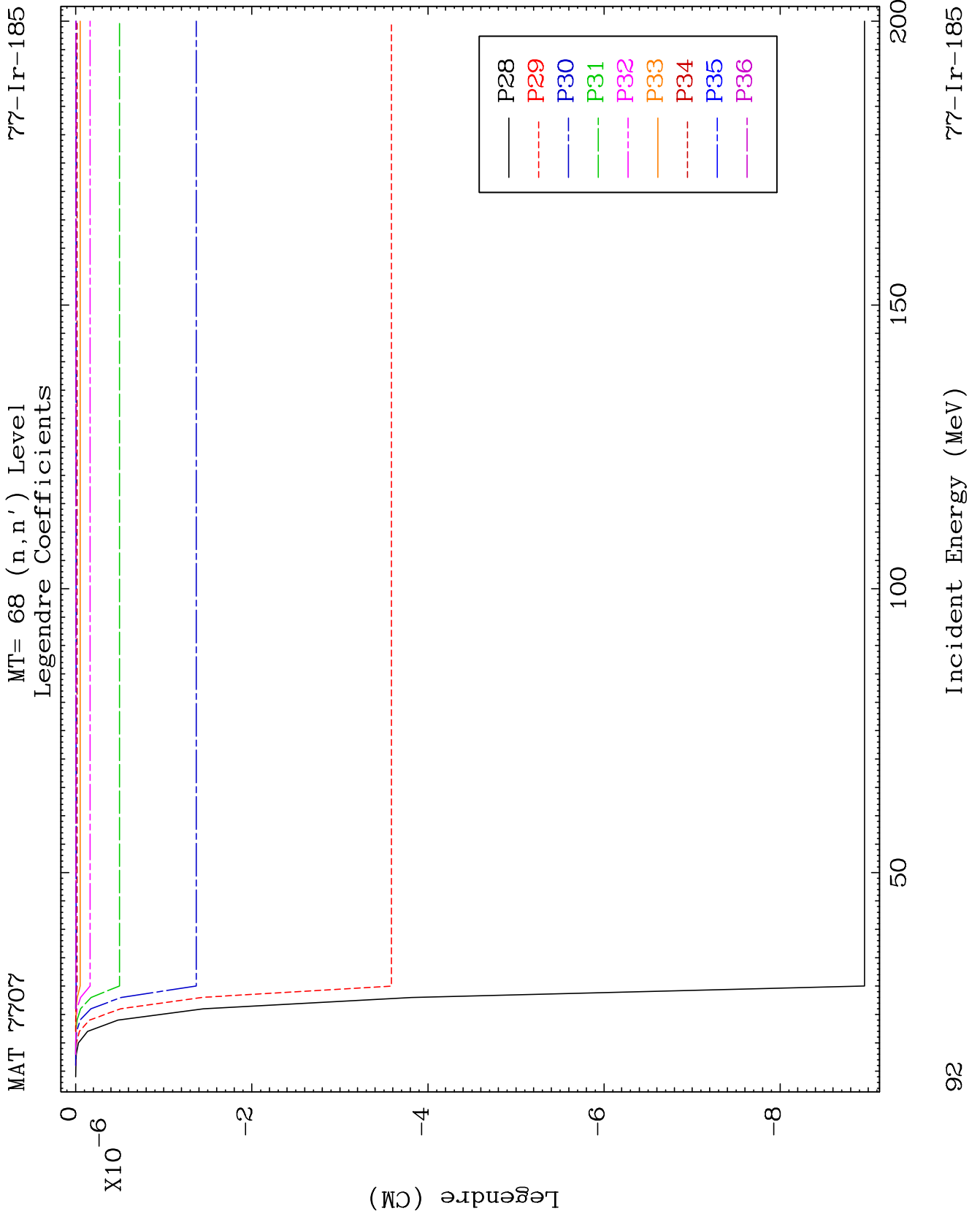
77-Ir-185



89

Incident Energy (MeV)

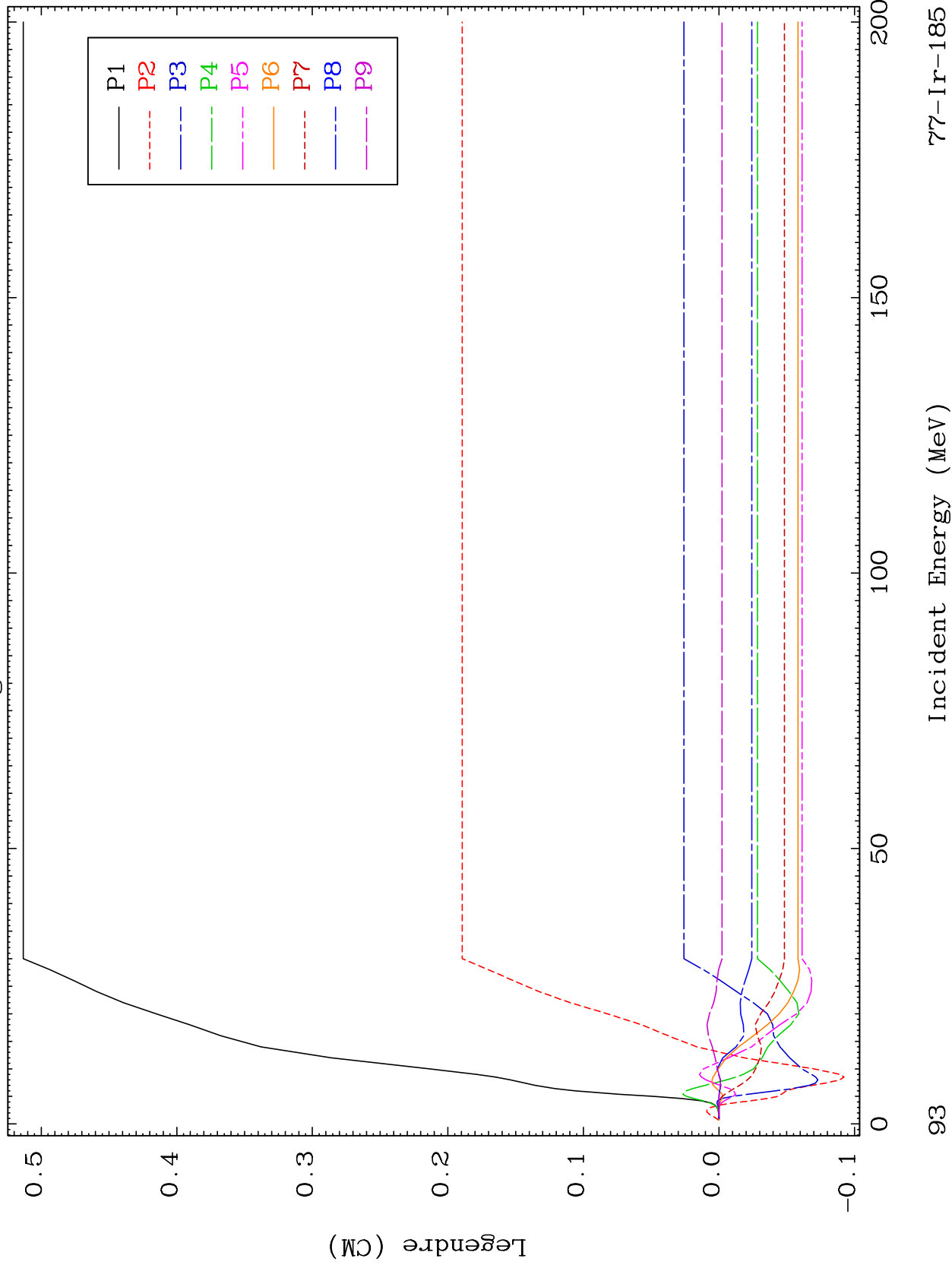
77-Ir-185



MAT 7707

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

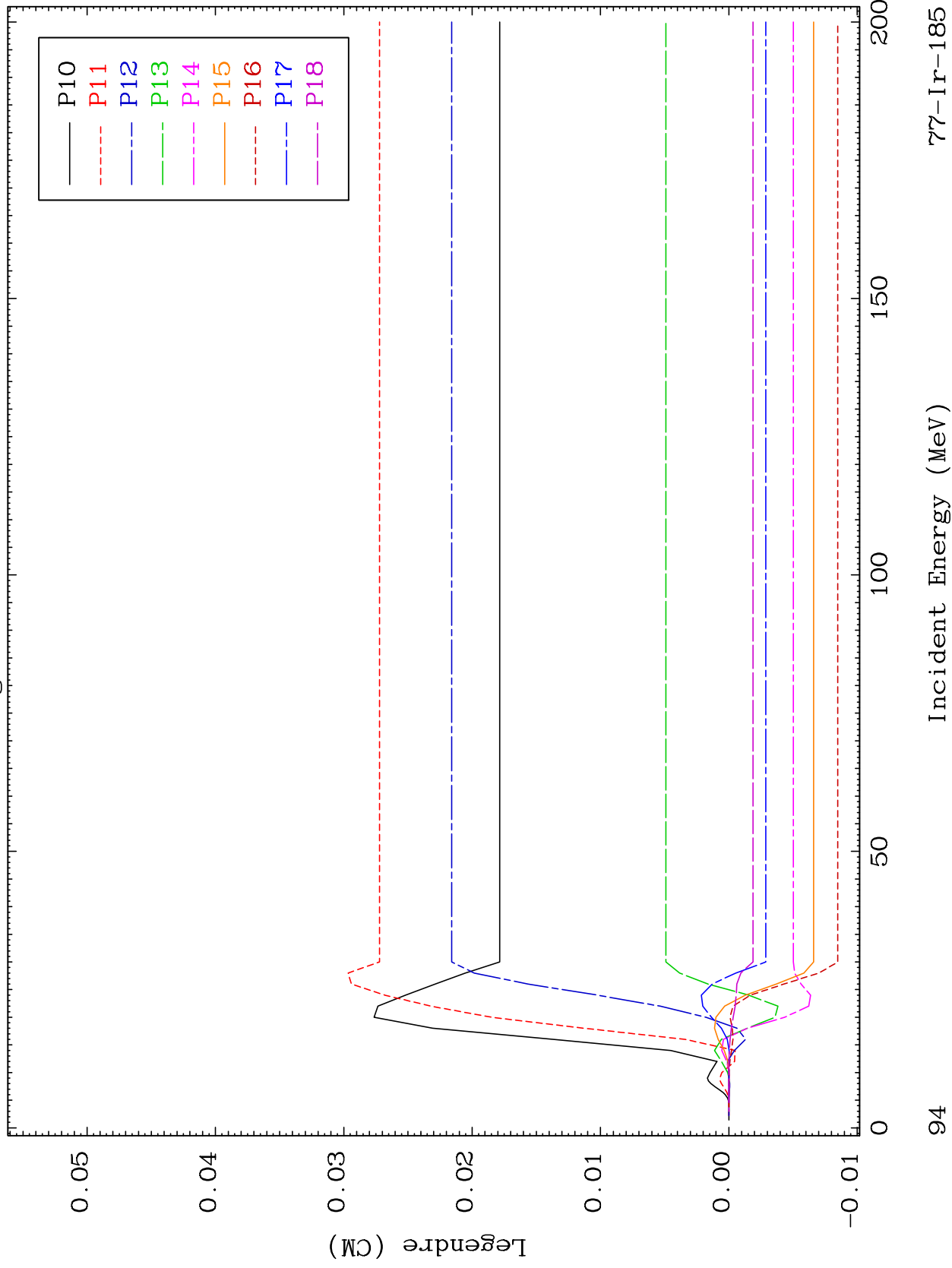
77-Ir-185



MAT 7707

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

77-Ir-185



77-Ir-185

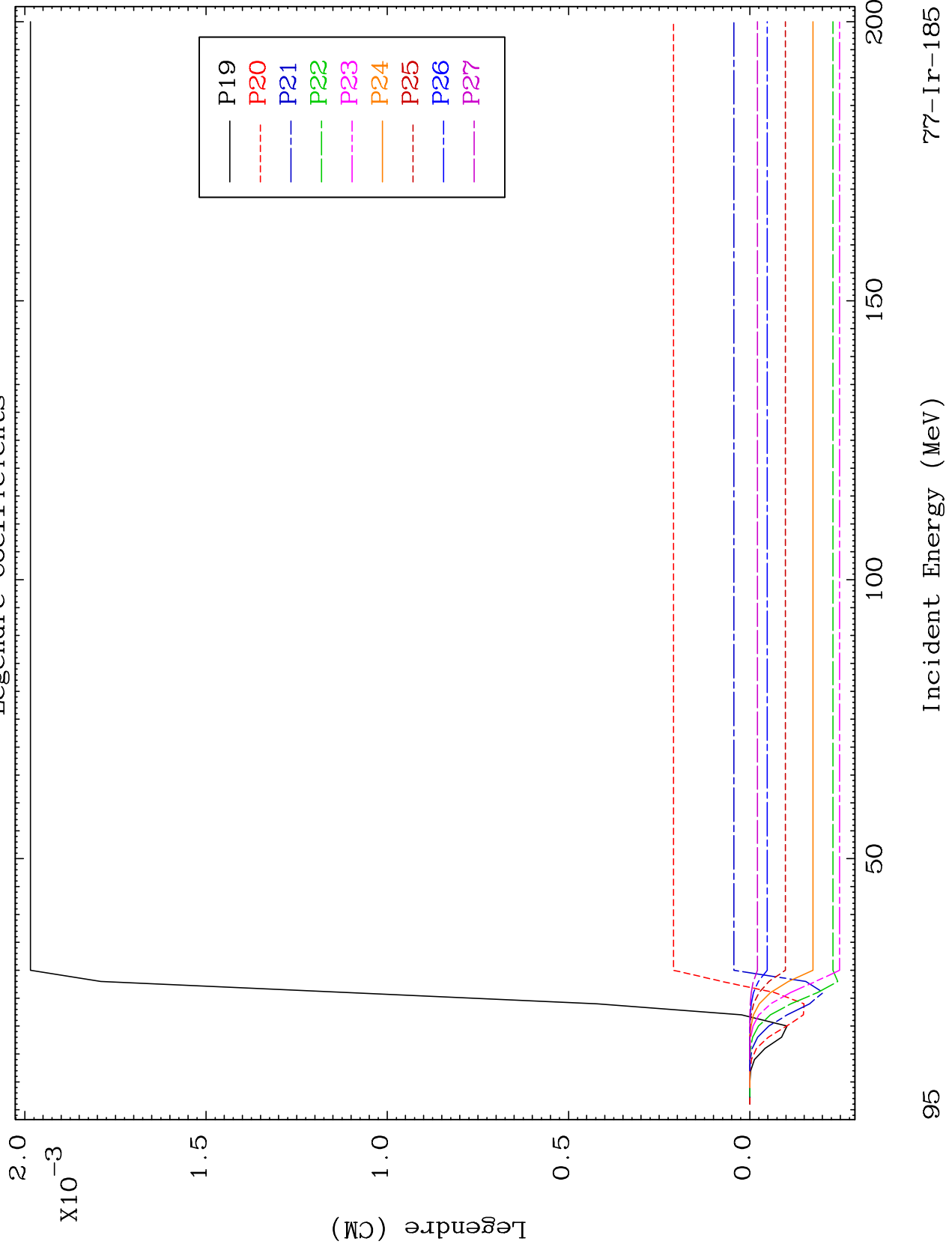
Incident Energy (MeV)

94

MAT 7707

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

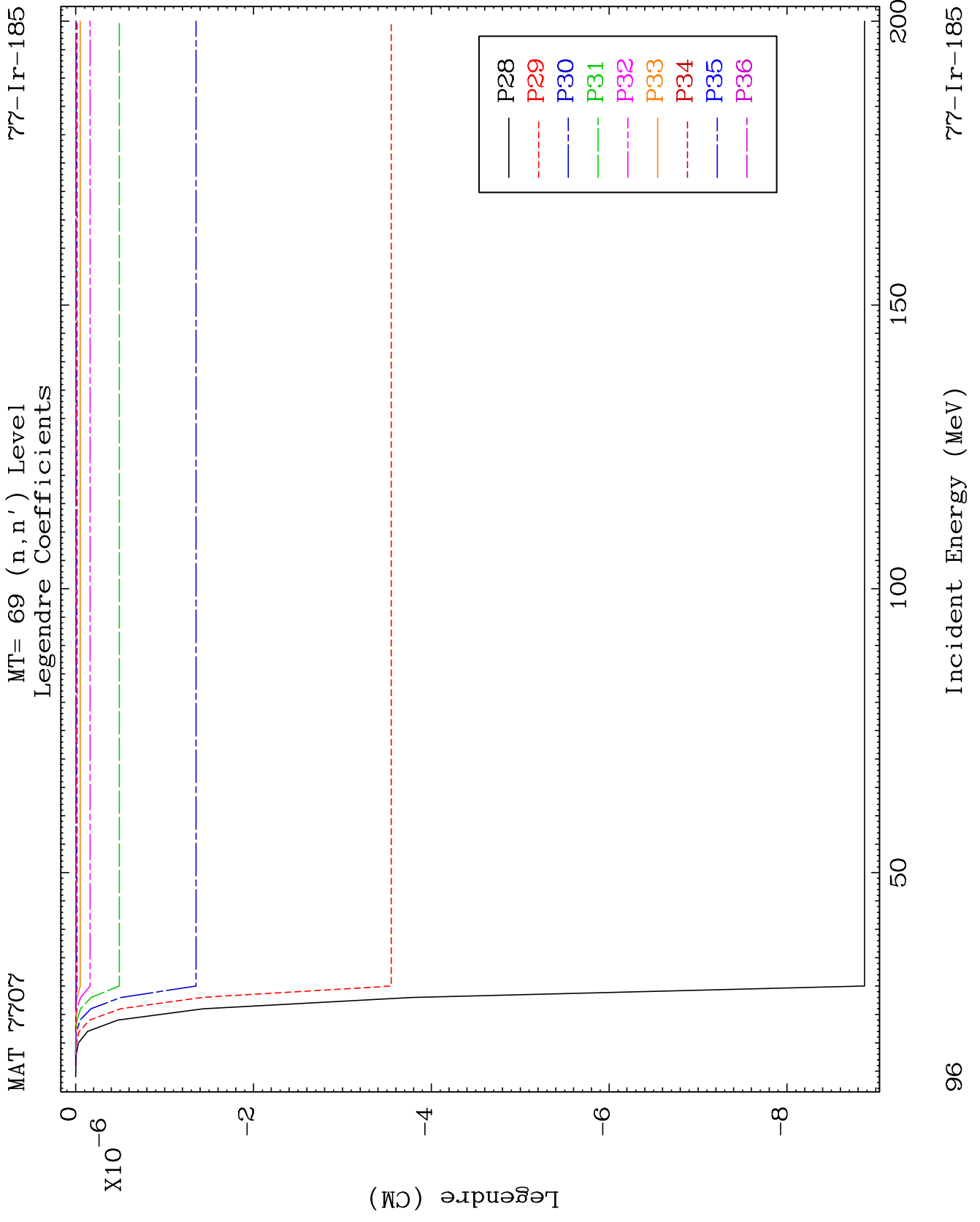
77-Ir-185

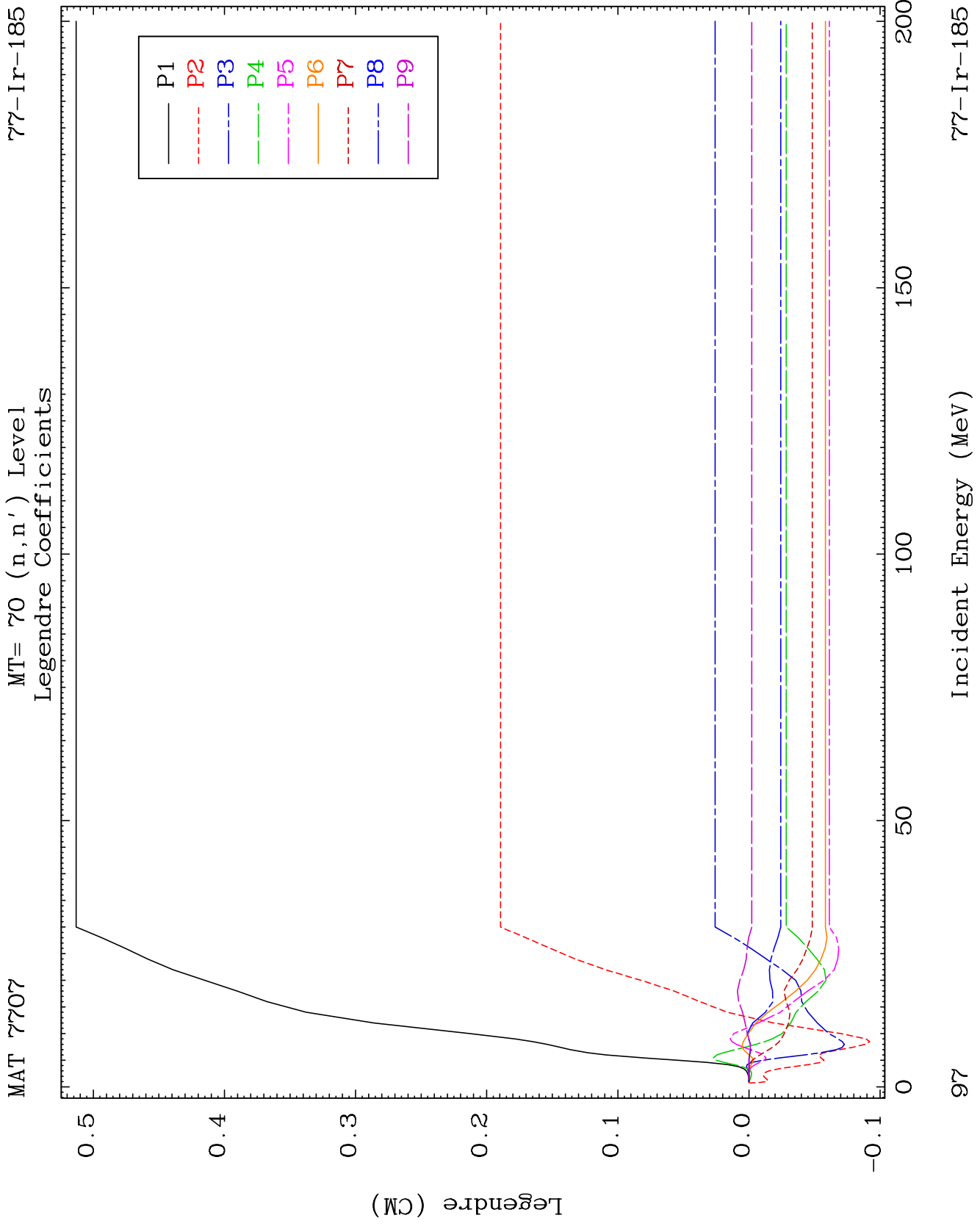


95

Incident Energy (MeV)

77-Ir-185

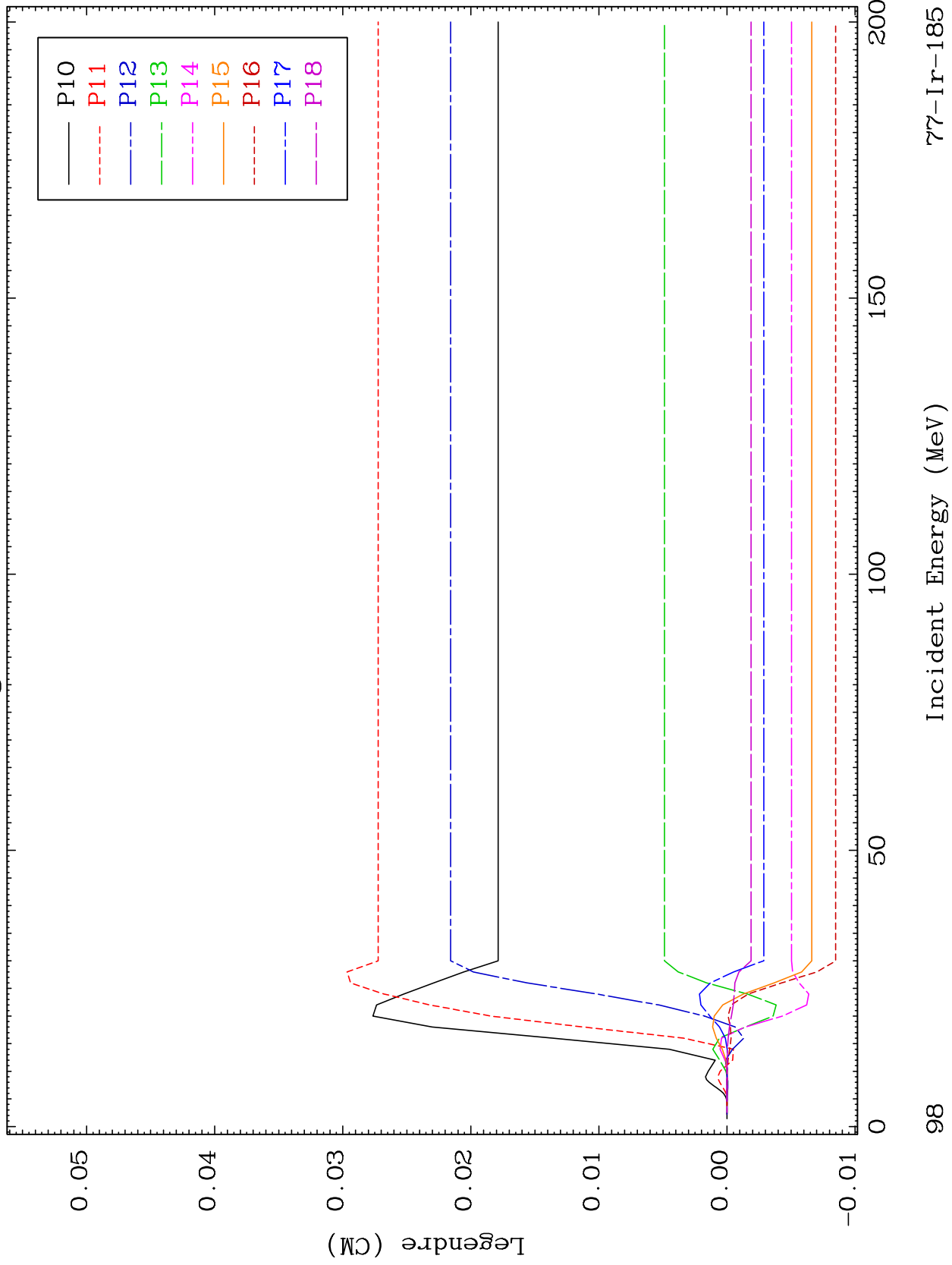




MAT 7707

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

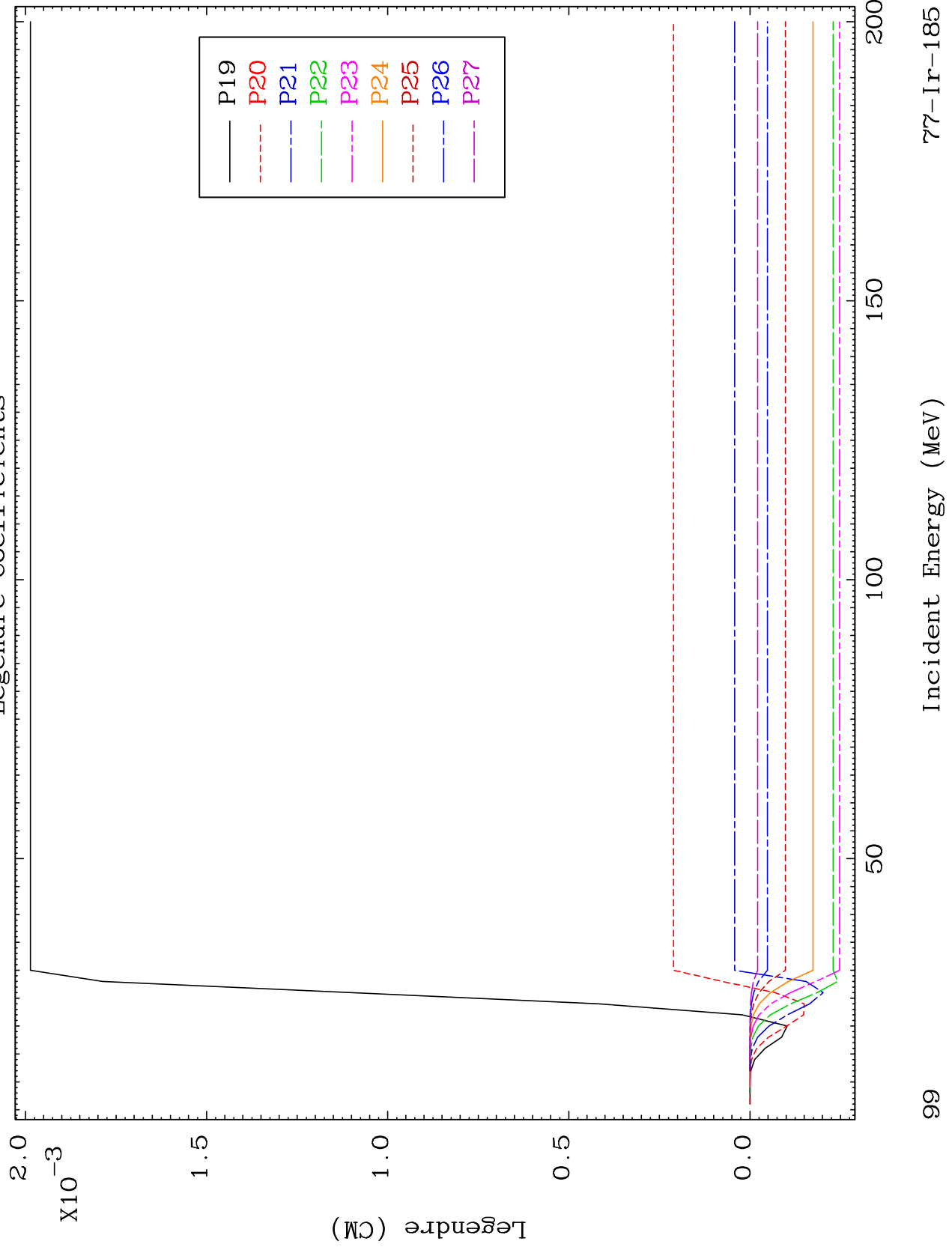
77-Ir-185

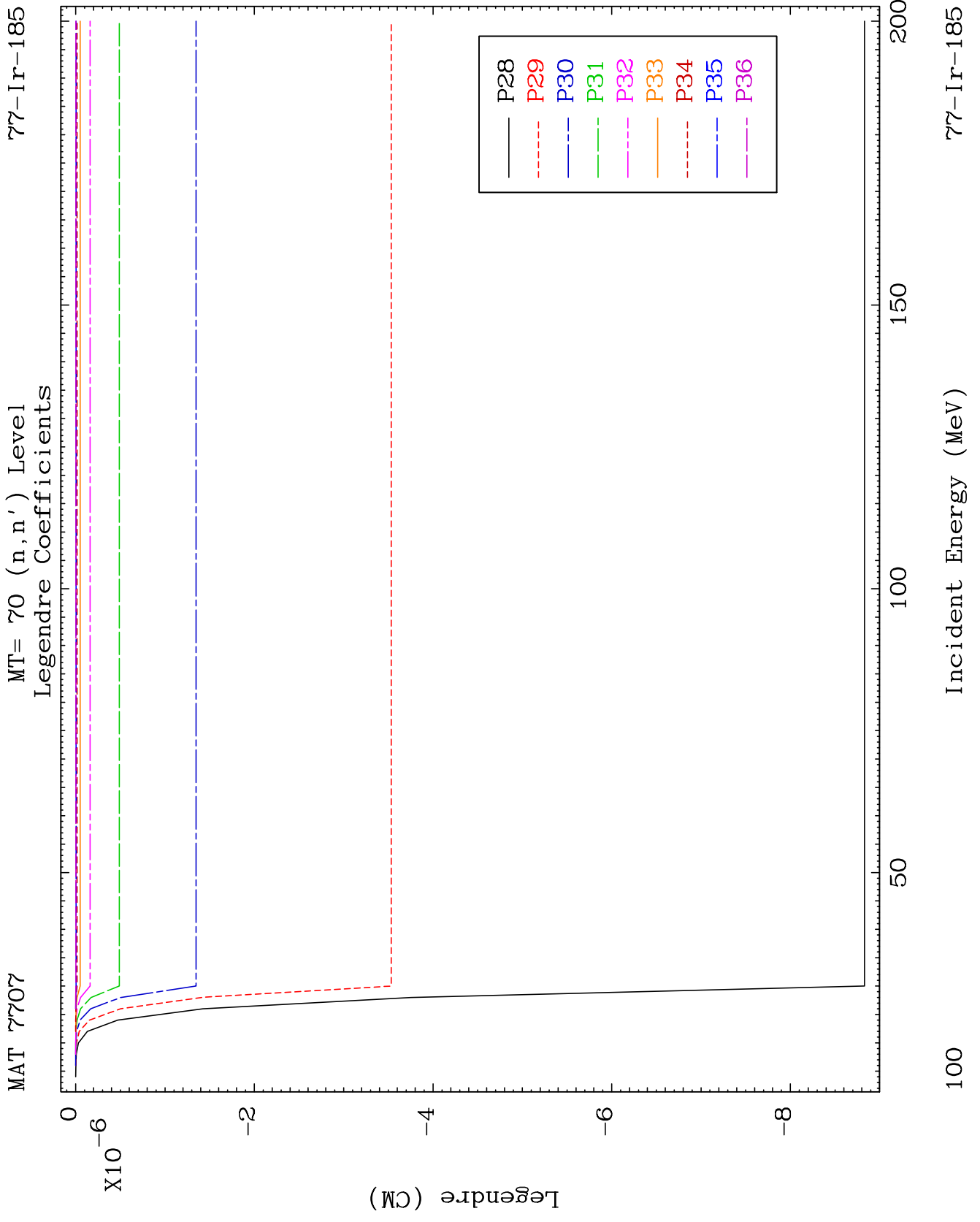


98

Incident Energy (MeV)

77-Ir-185

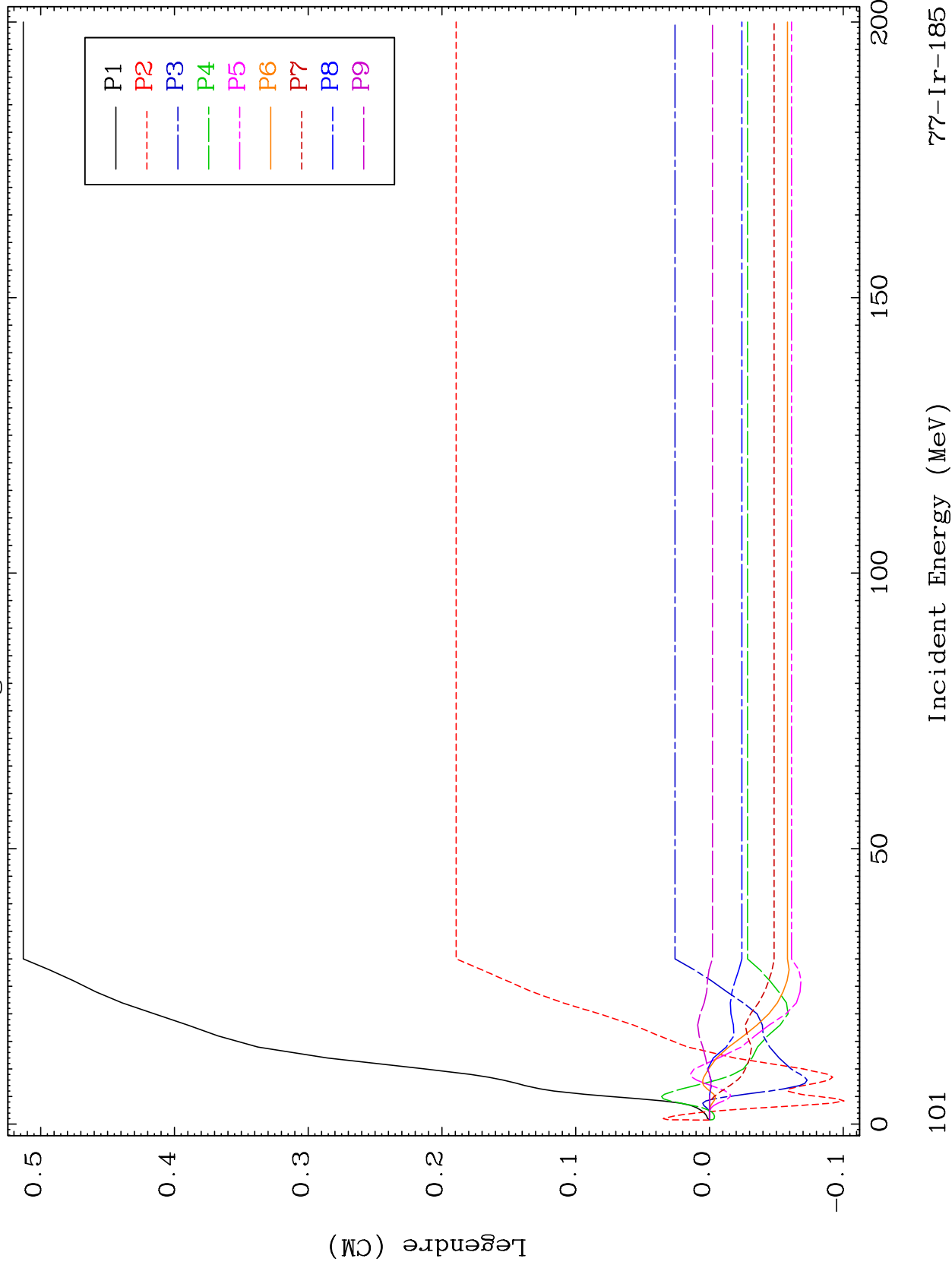




MAT 7707

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

77-Ir-185



77-Ir-185

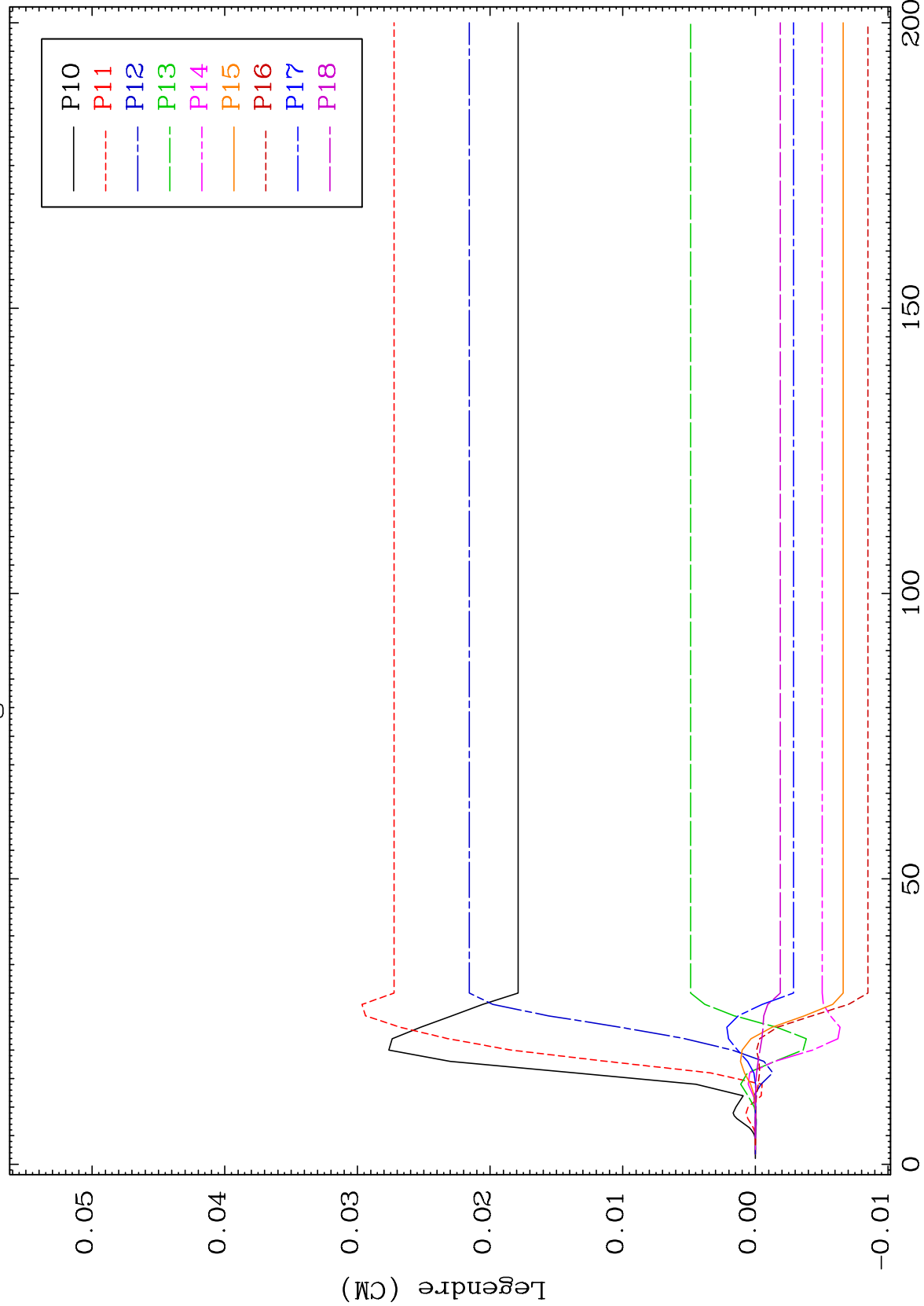
Incident Energy (MeV)

101

MAT 7707

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

77-Ir-185



77-Ir-185

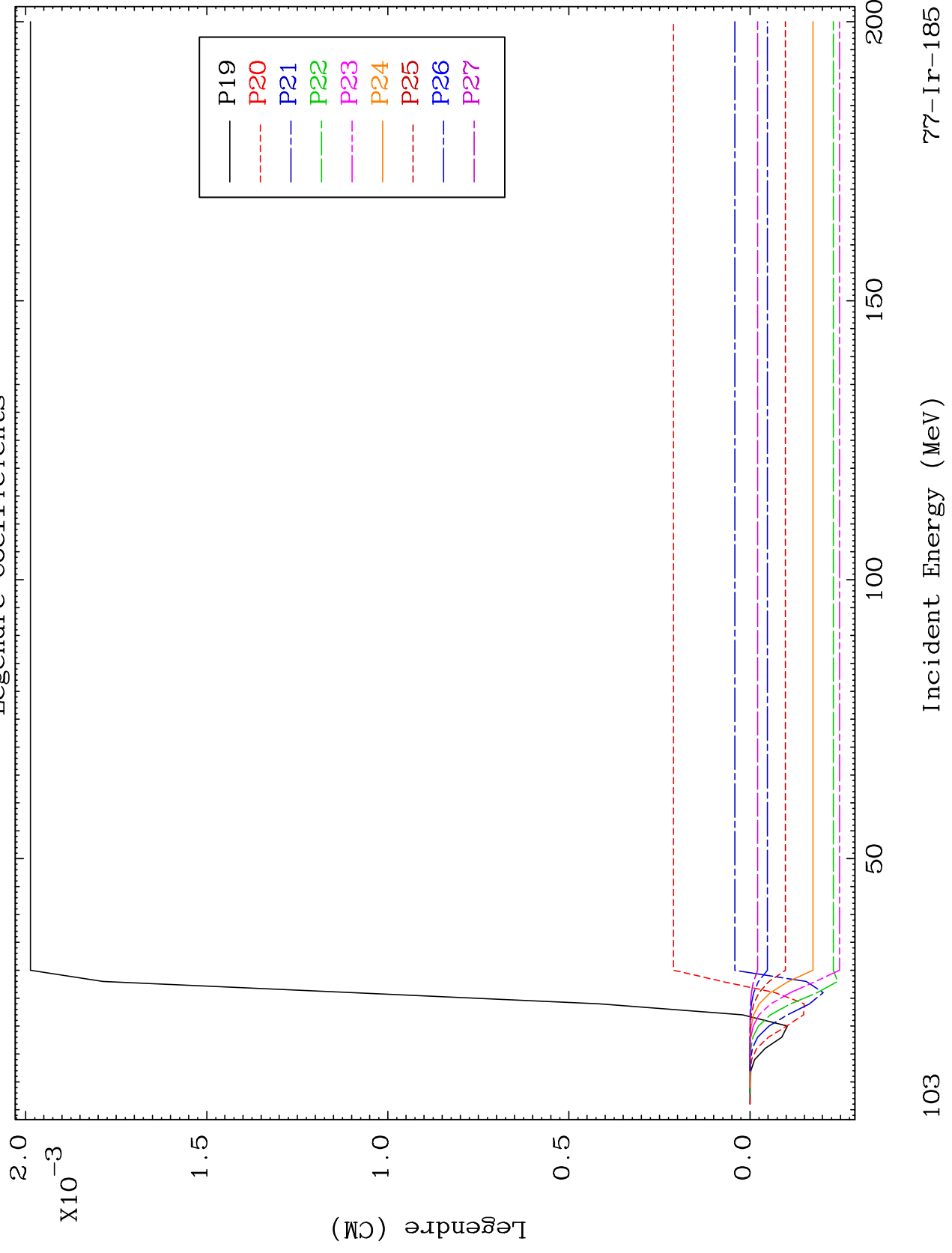
Incident Energy (MeV)

102

MAT 7707

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

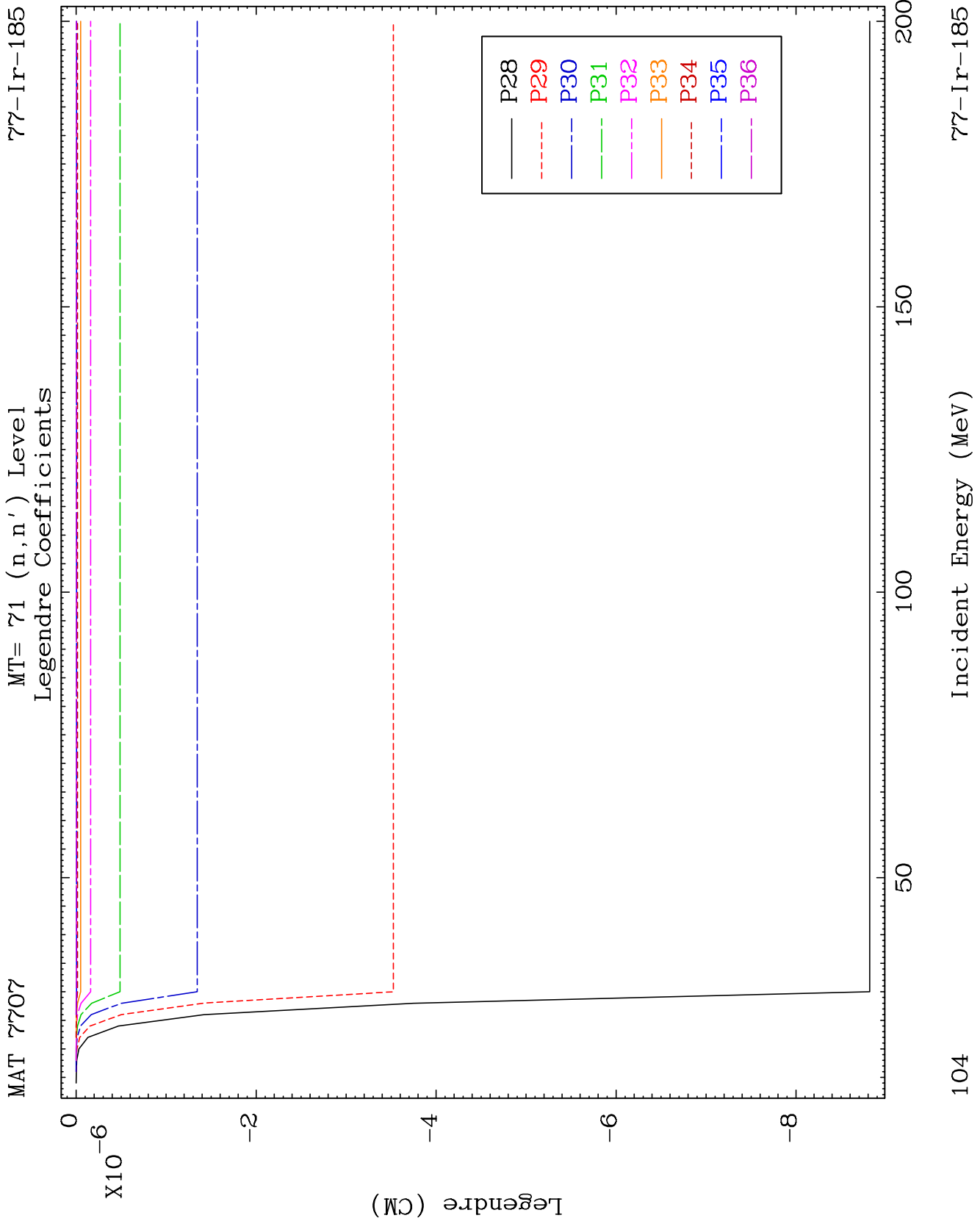
77-Ir-185



103

Incident Energy (MeV)

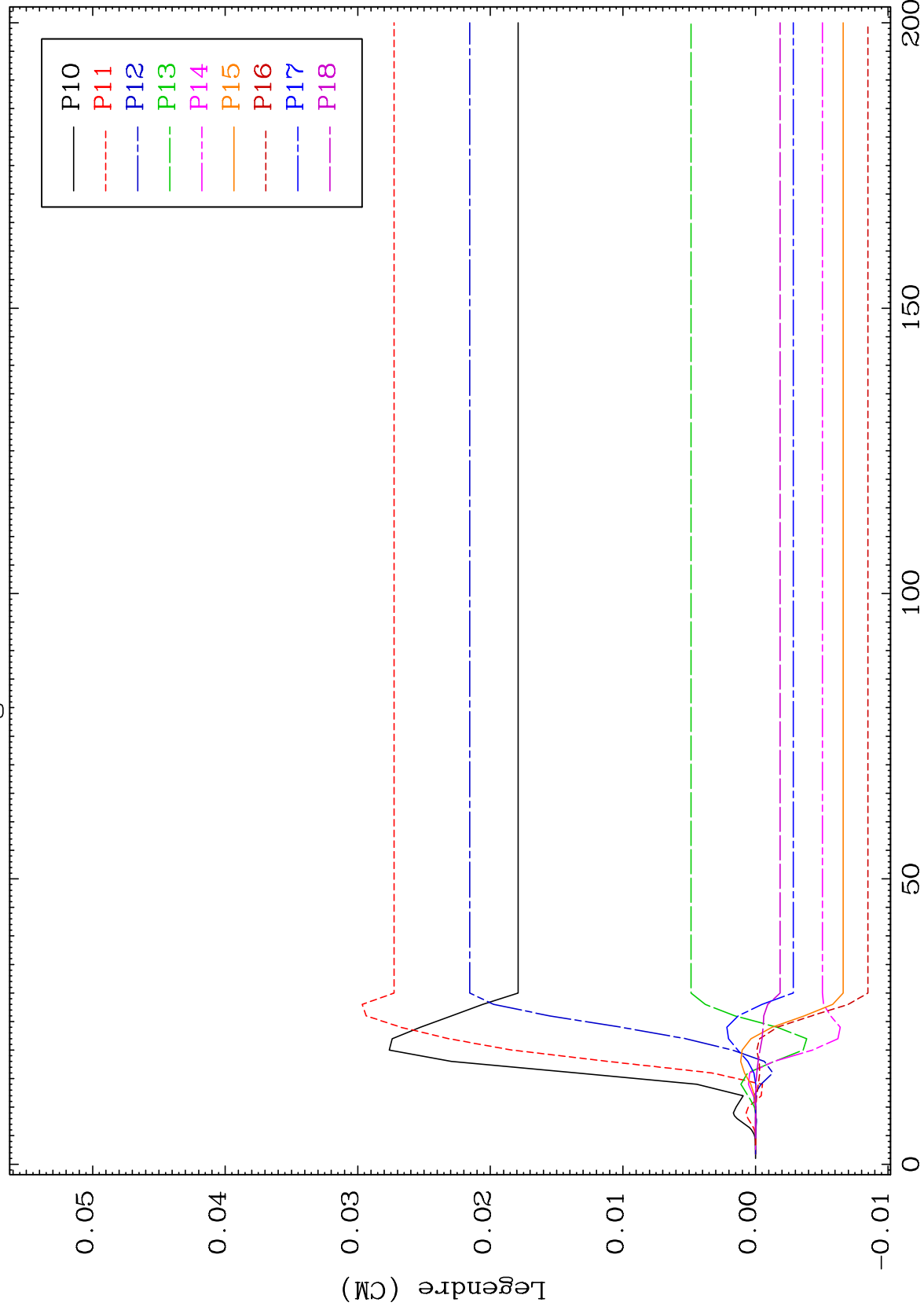
77-Ir-185



MAT 7707

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

77-Ir-185



106

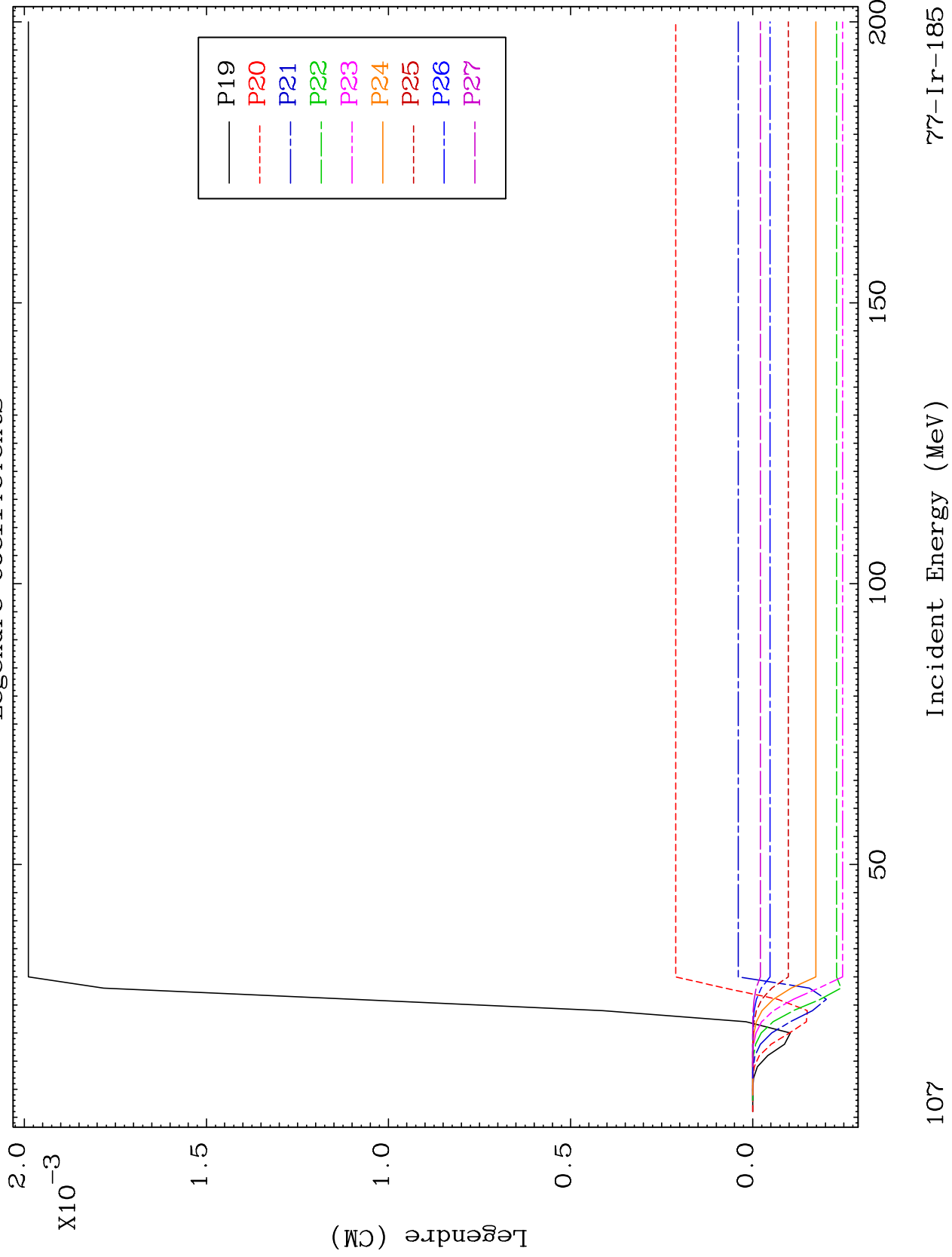
Incident Energy (MeV)

77-Ir-185

MAT 7707

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

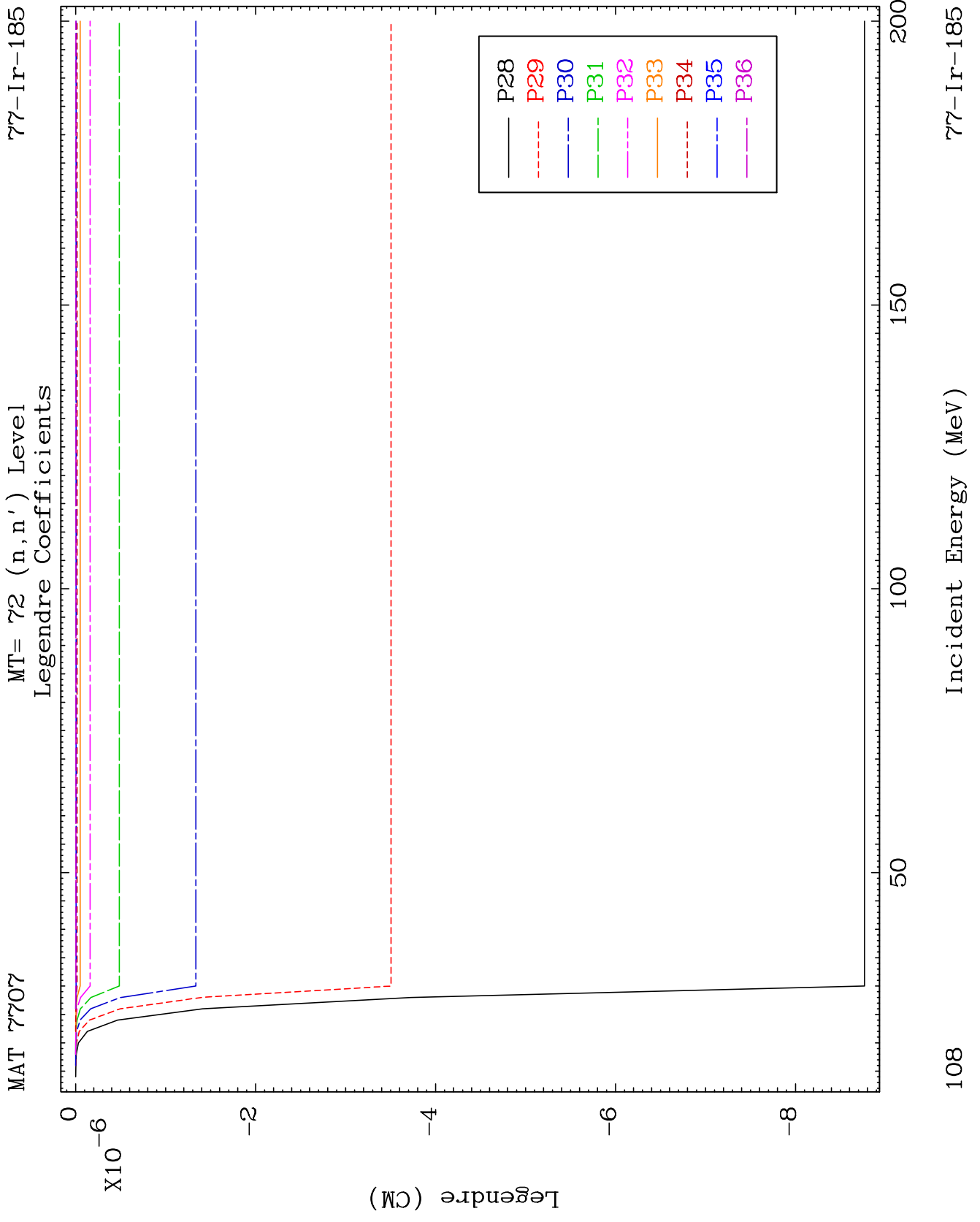
77-Ir-185

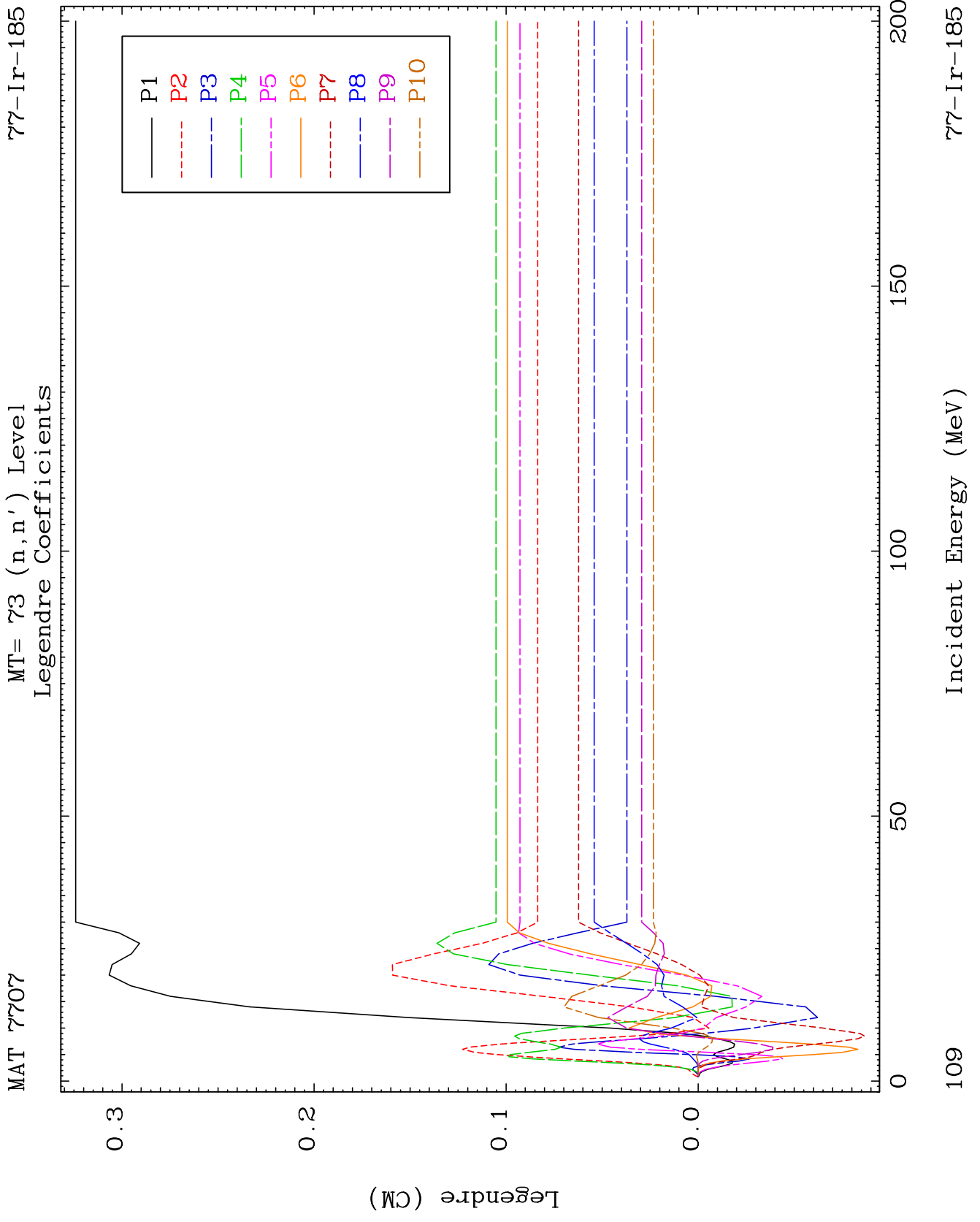


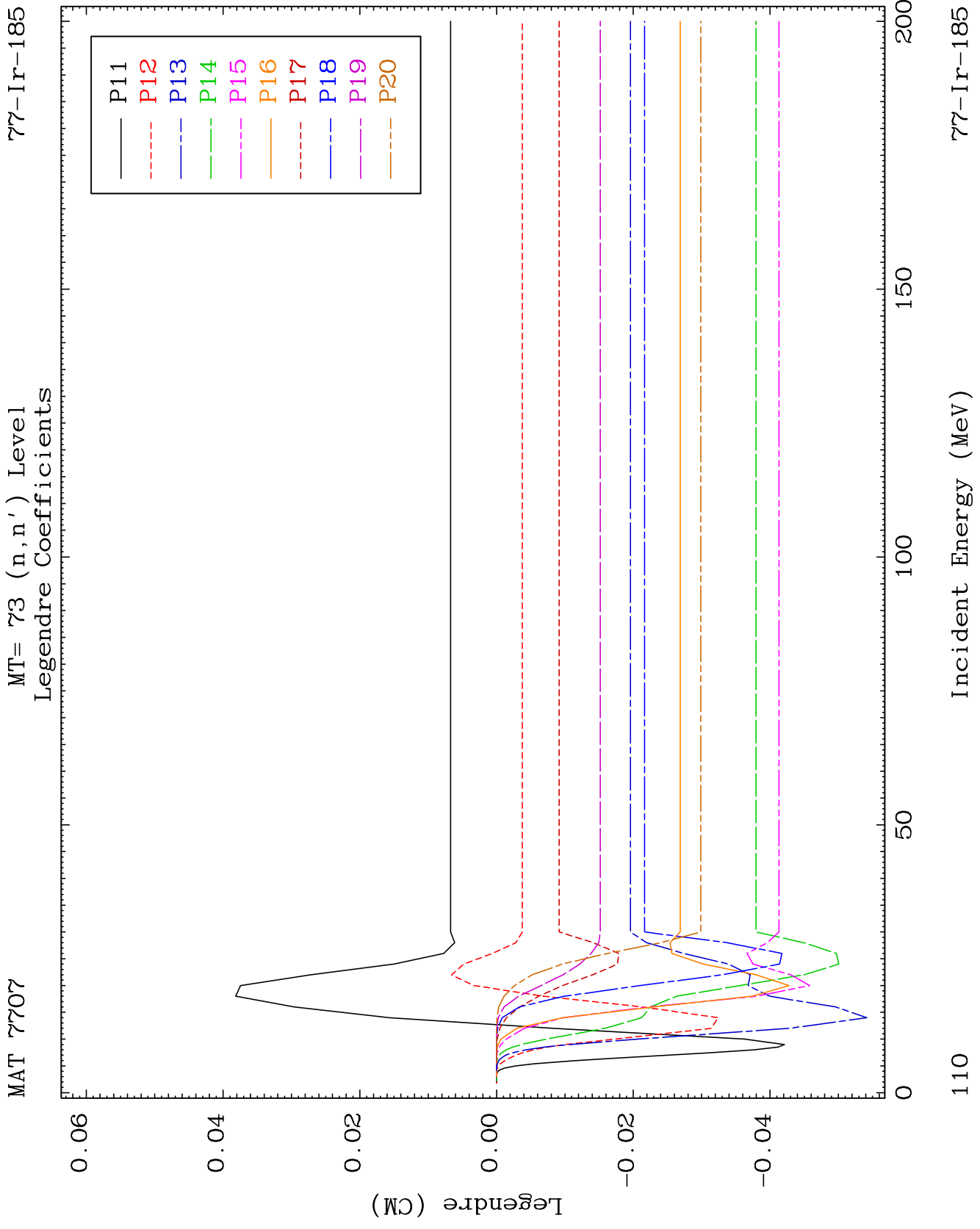
107

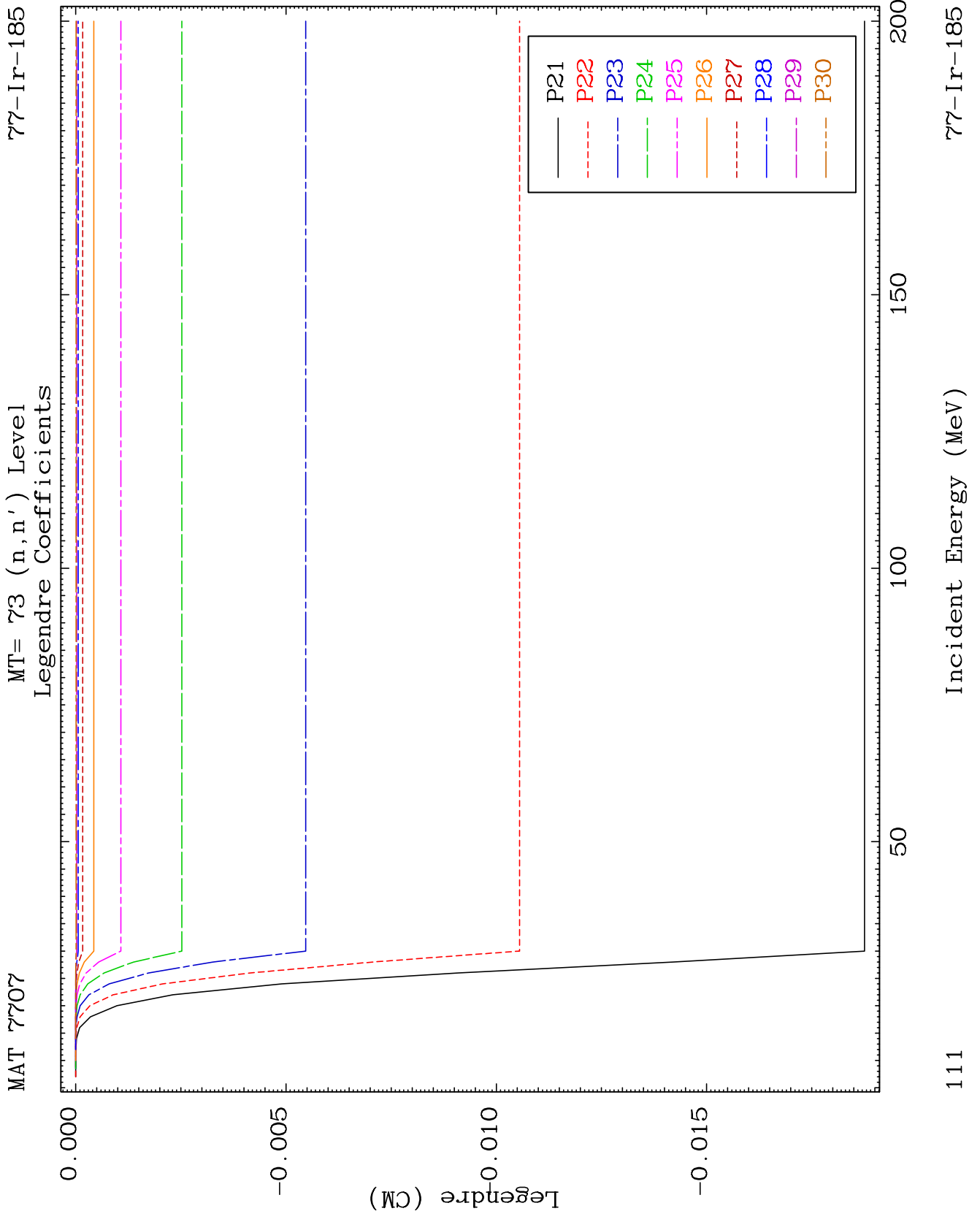
Incident Energy (MeV)

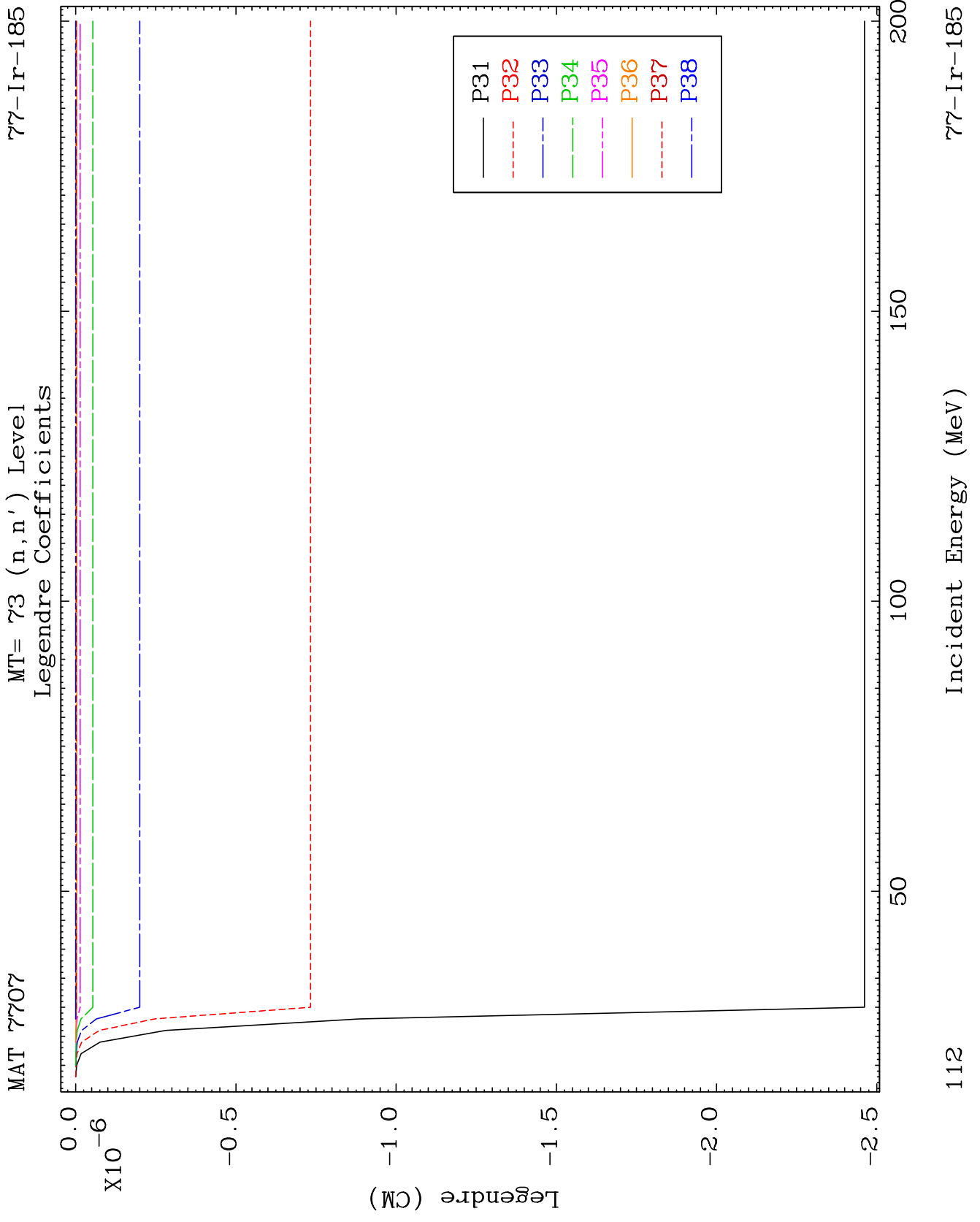
77-Ir-185

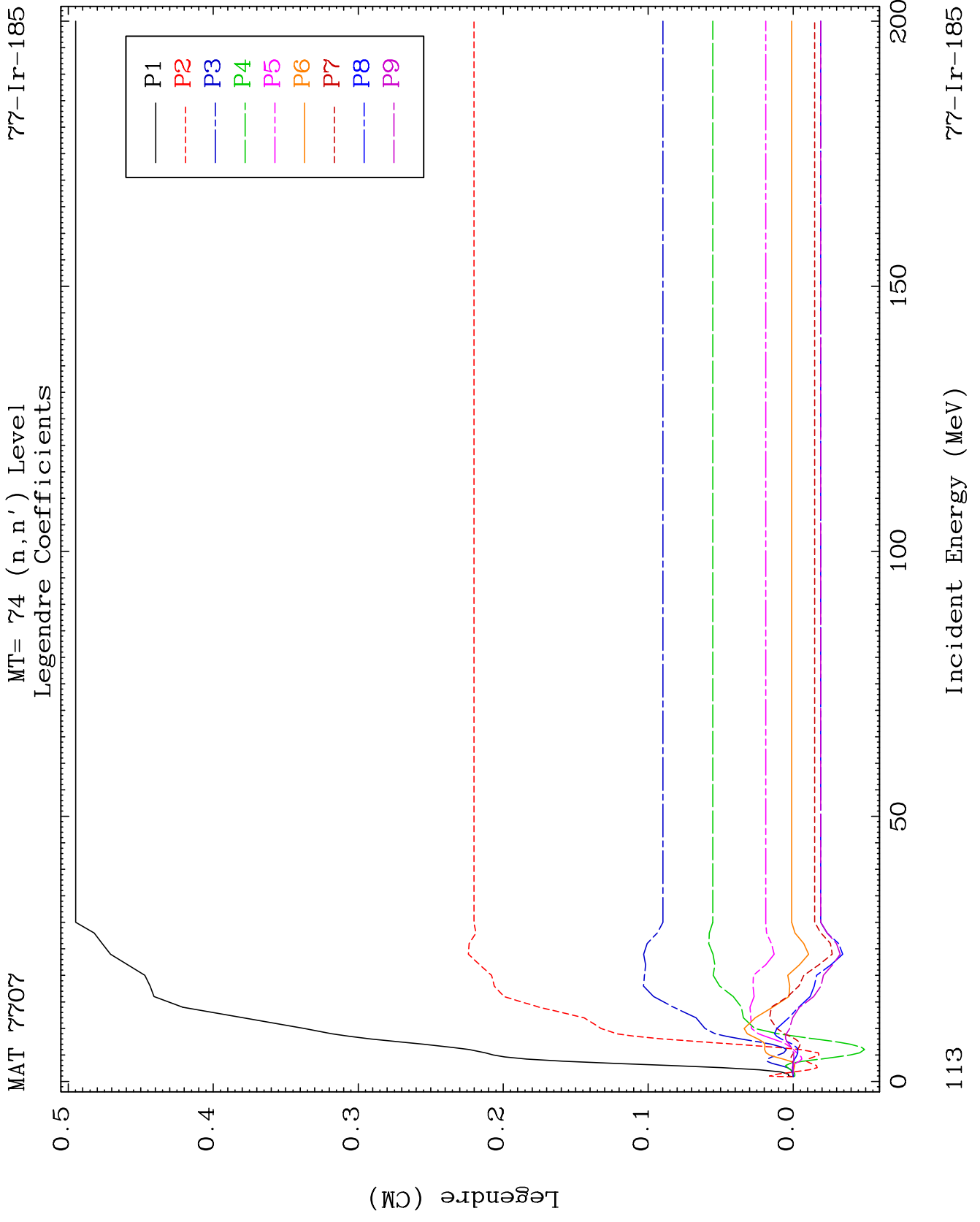








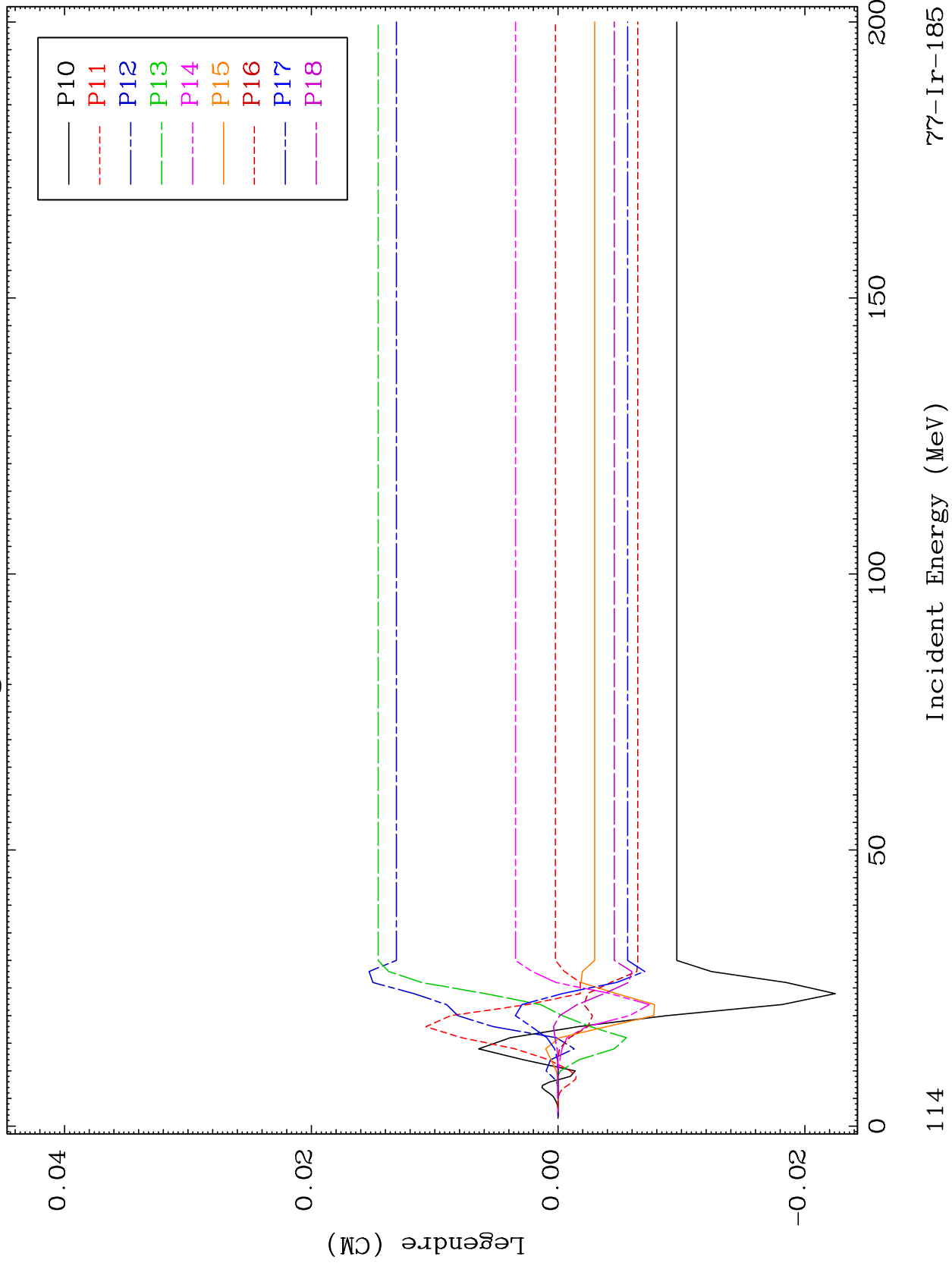




MAT 7707

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

77-Ir-185



77-Ir-185

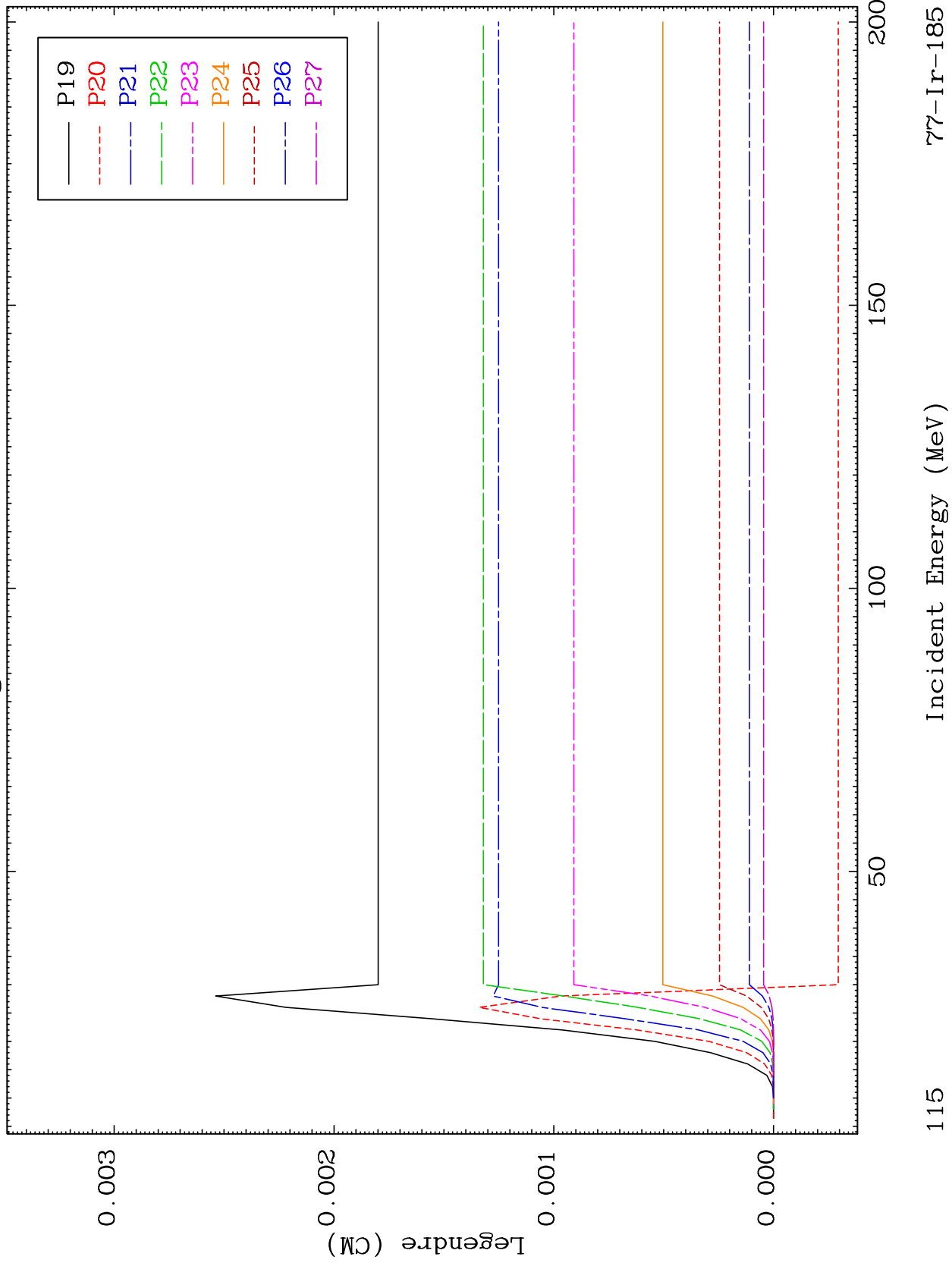
Incident Energy (MeV)

114

MAT 7707

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

77-Ir-185



115

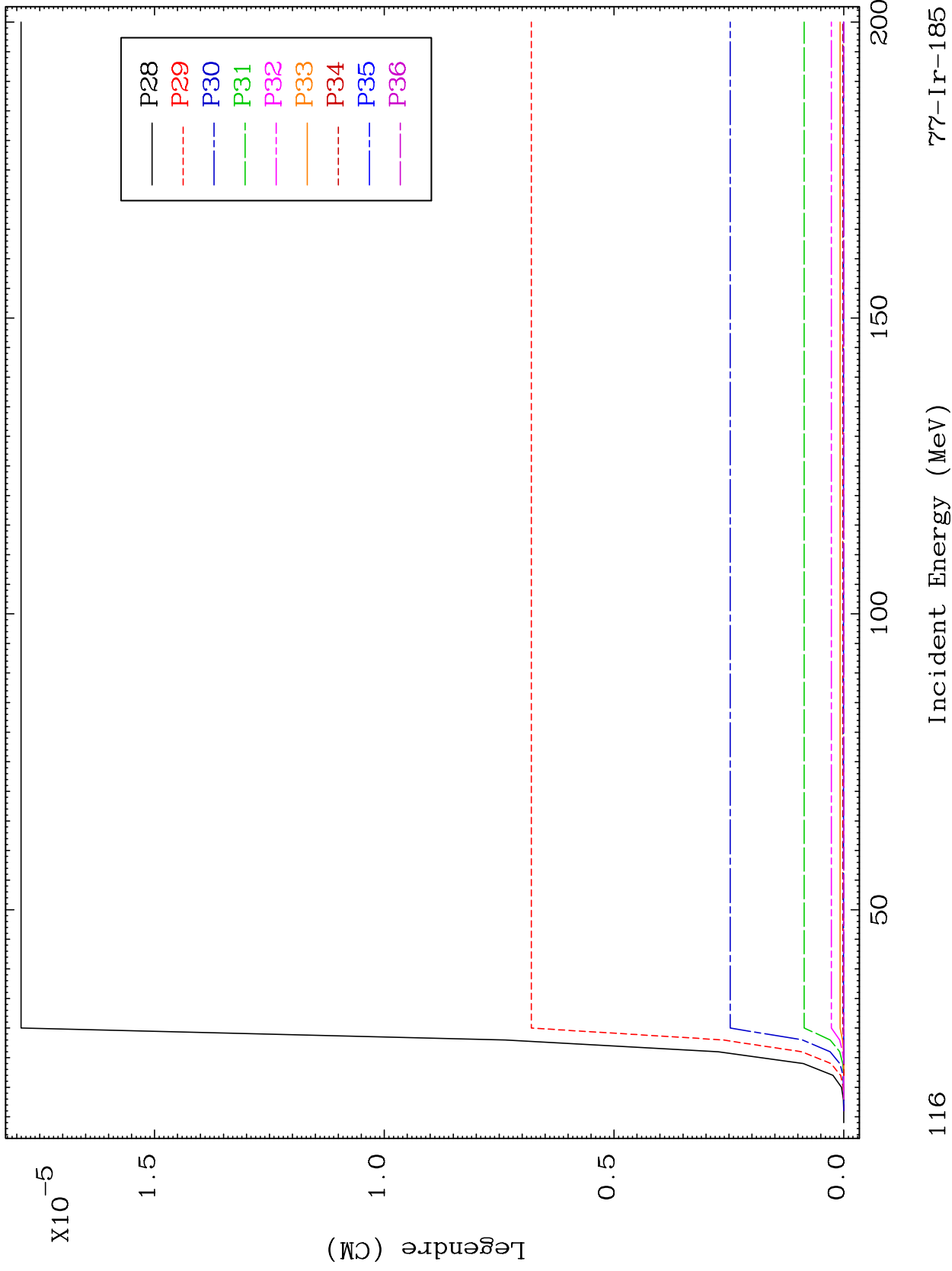
Incident Energy (MeV)

77-Ir-185

MAT 7707

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

77-Ir-185

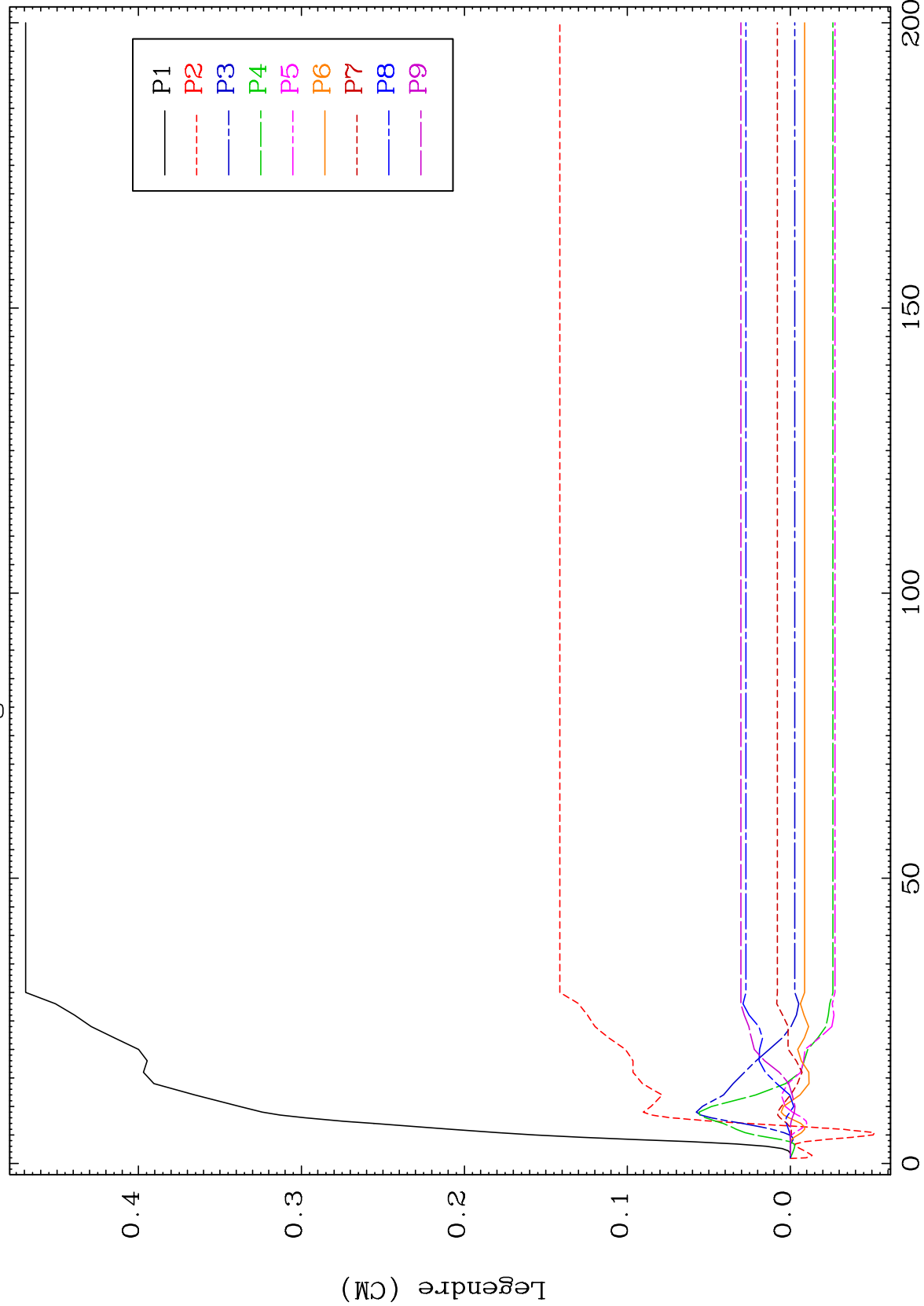


116

MAT 7707

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

77-Ir-185



117

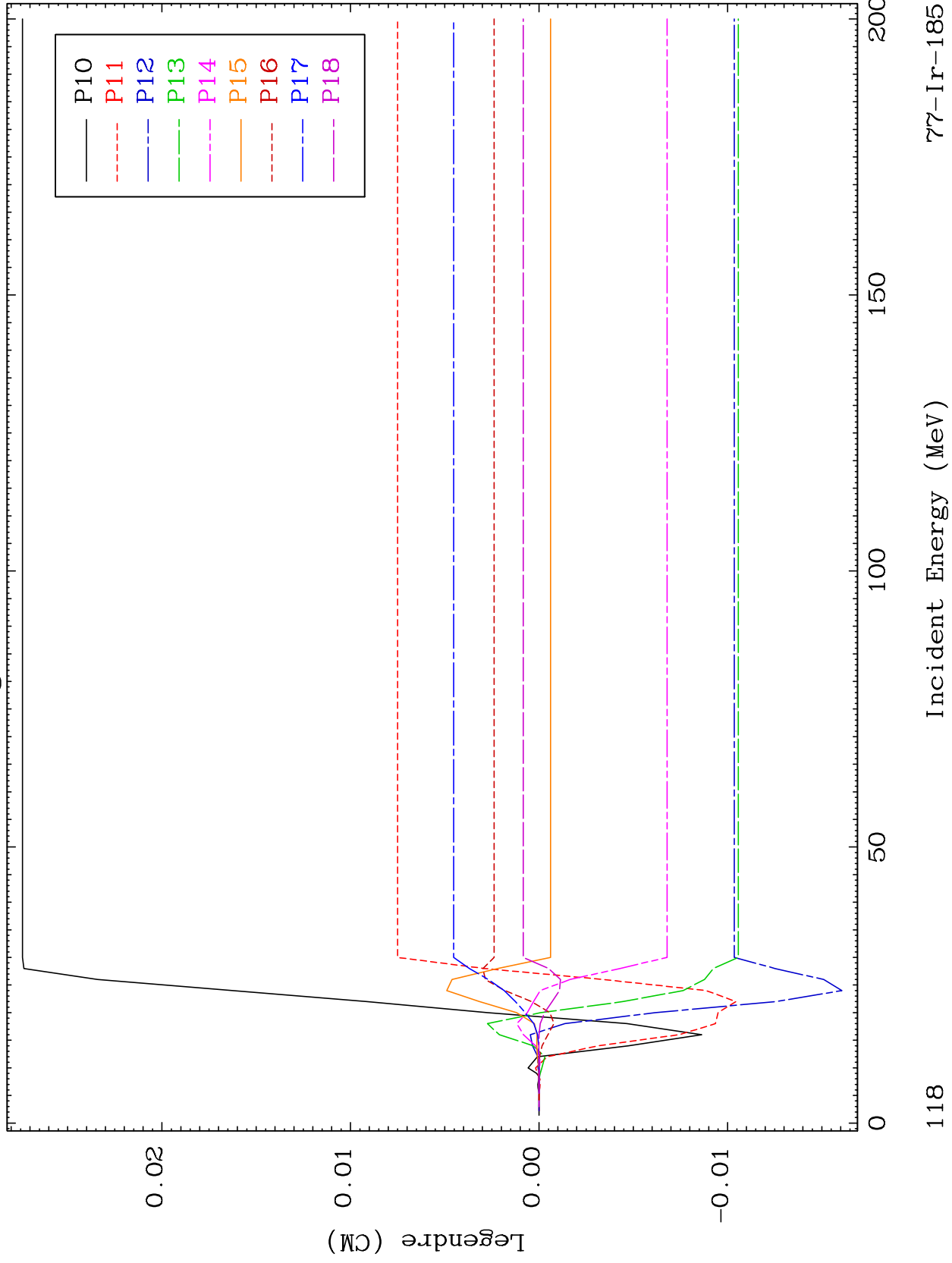
Incident Energy (MeV)

77-Ir-185

MAT 7707

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

77-Ir-185



77-Ir-185

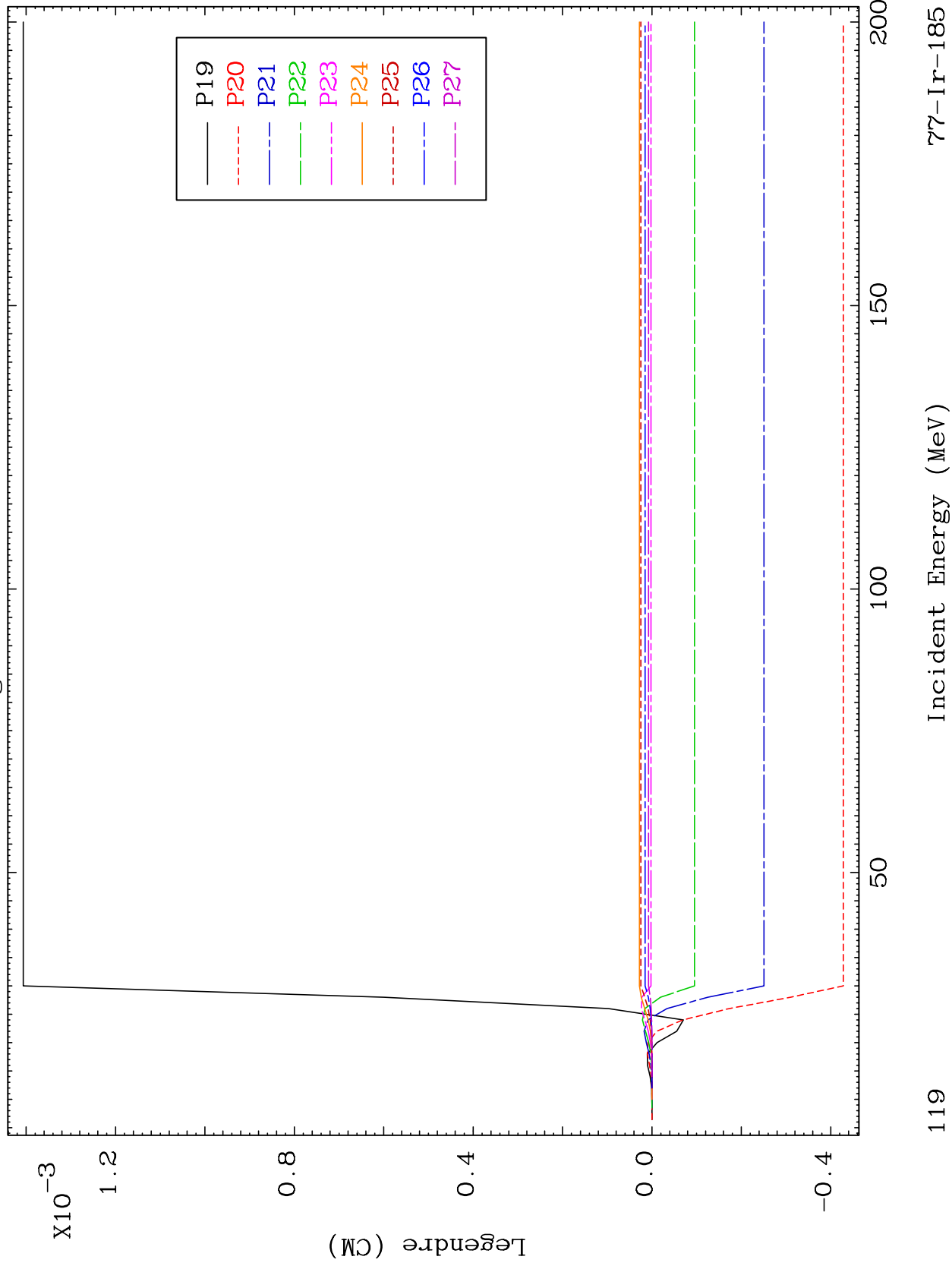
Incident Energy (MeV)

118

MAT 7707

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

77-Ir-185



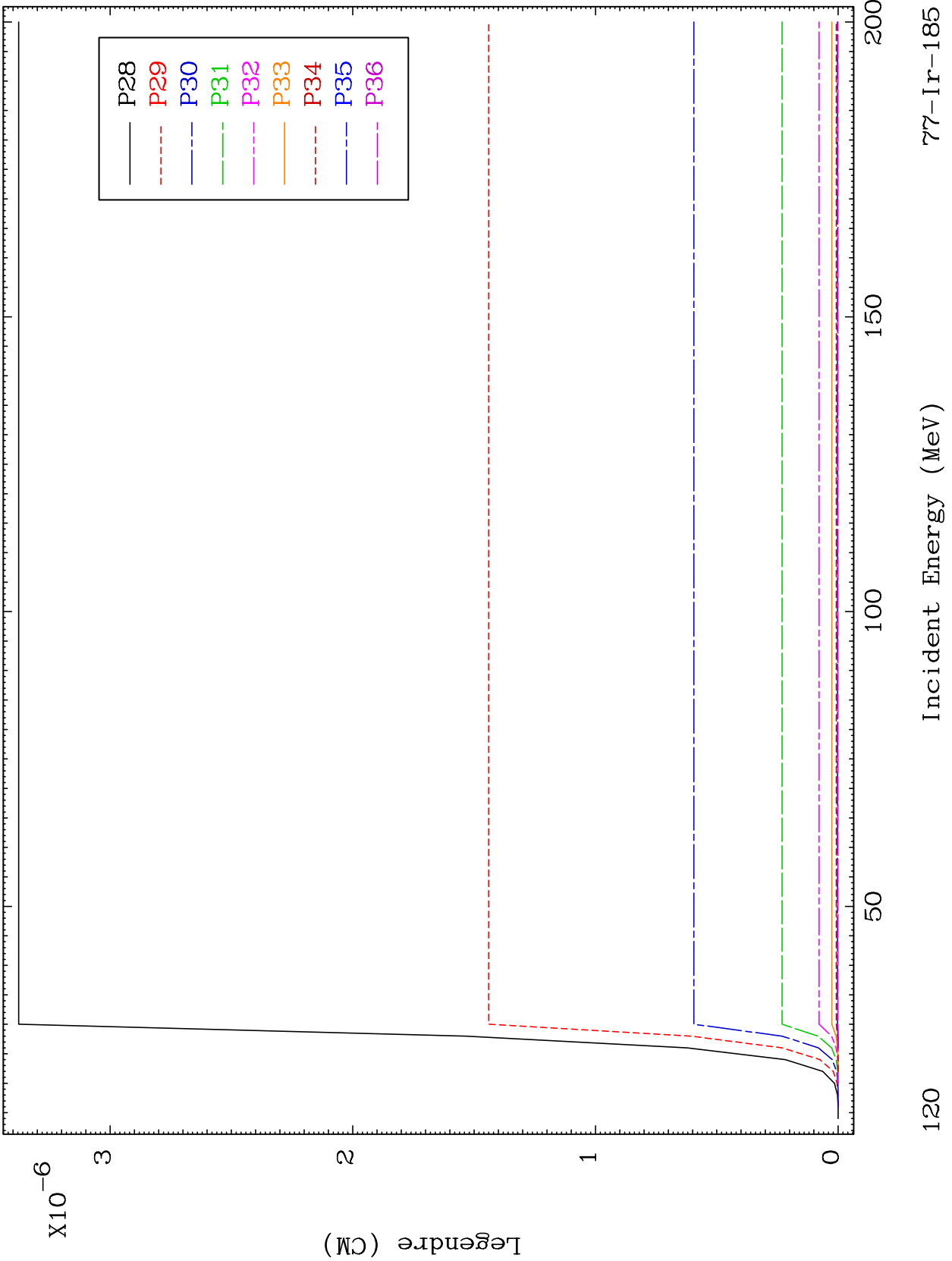
119

77-Ir-185

MAT 7707

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

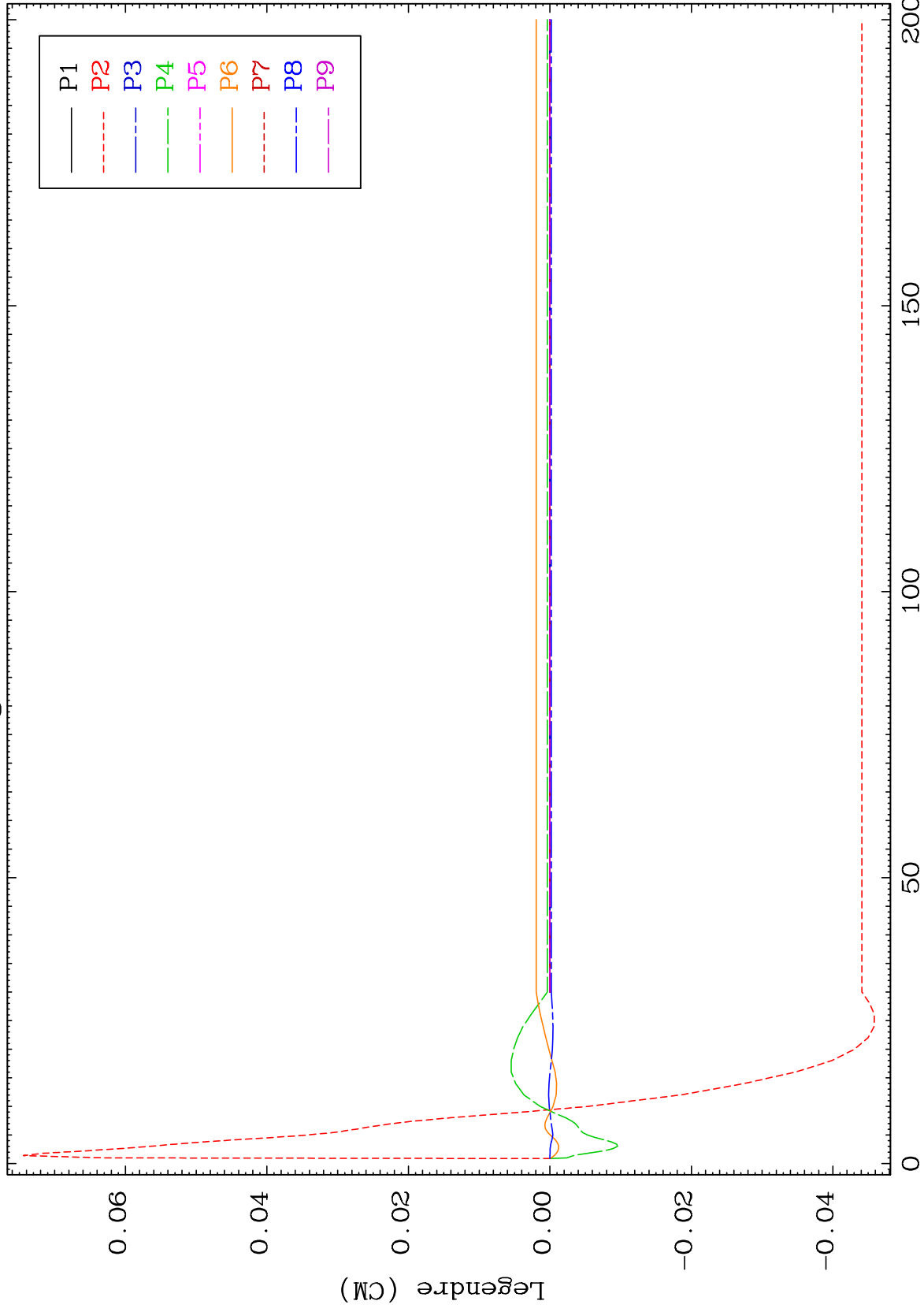
77-Ir-185



MAT 7707

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

77-Ir-185



121

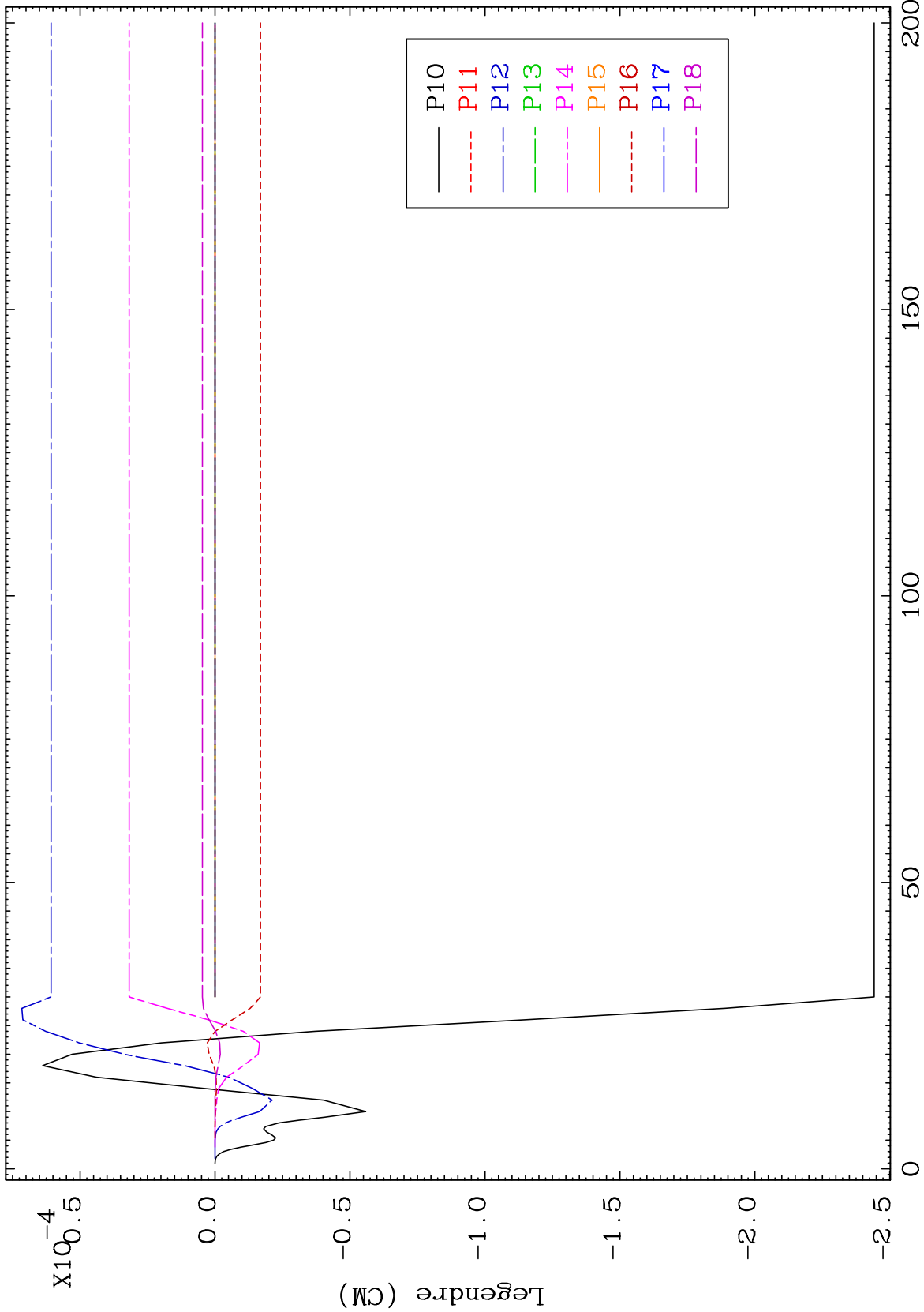
Incident Energy (MeV)

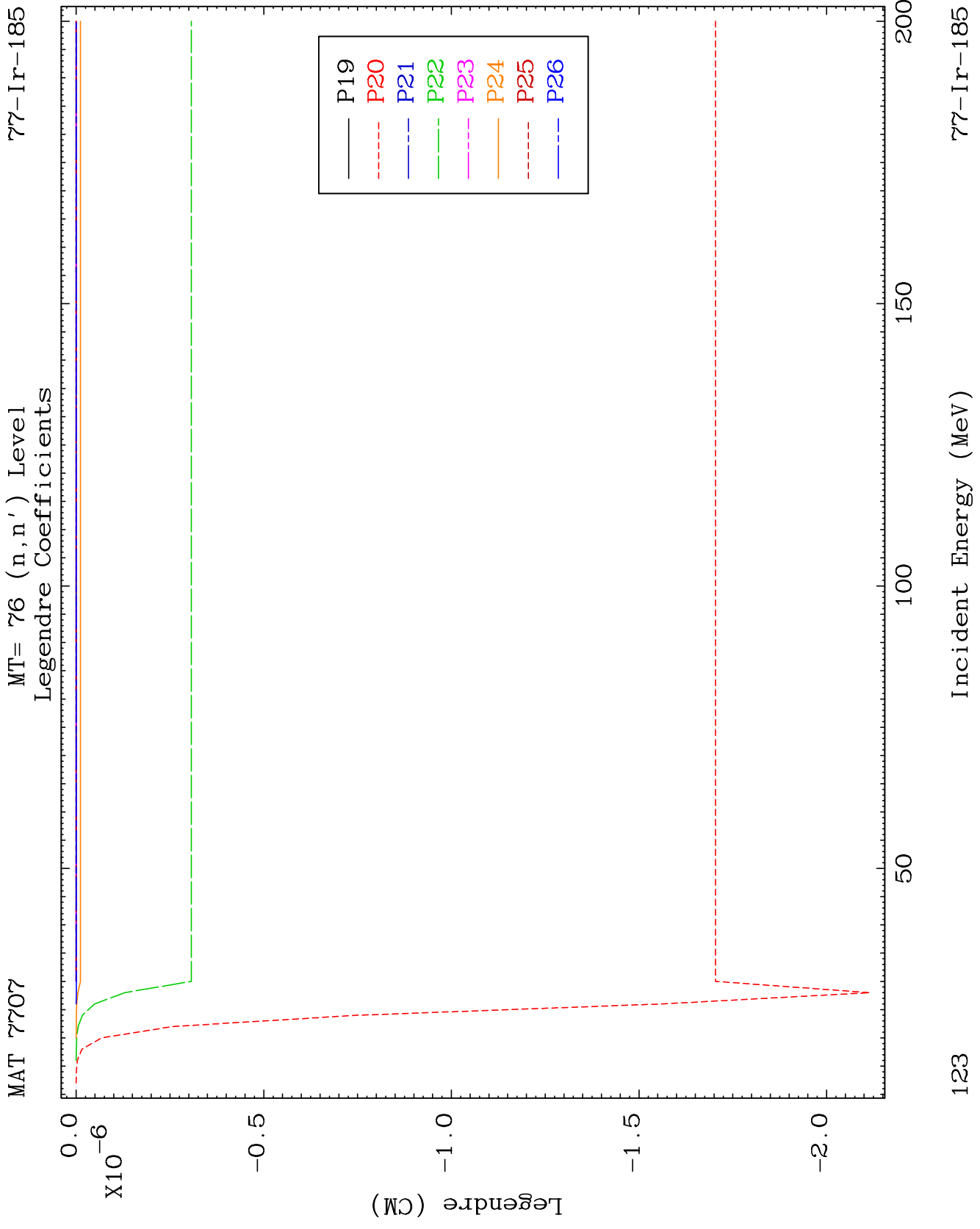
77-Ir-185

MAT 7707

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

77-Ir-185

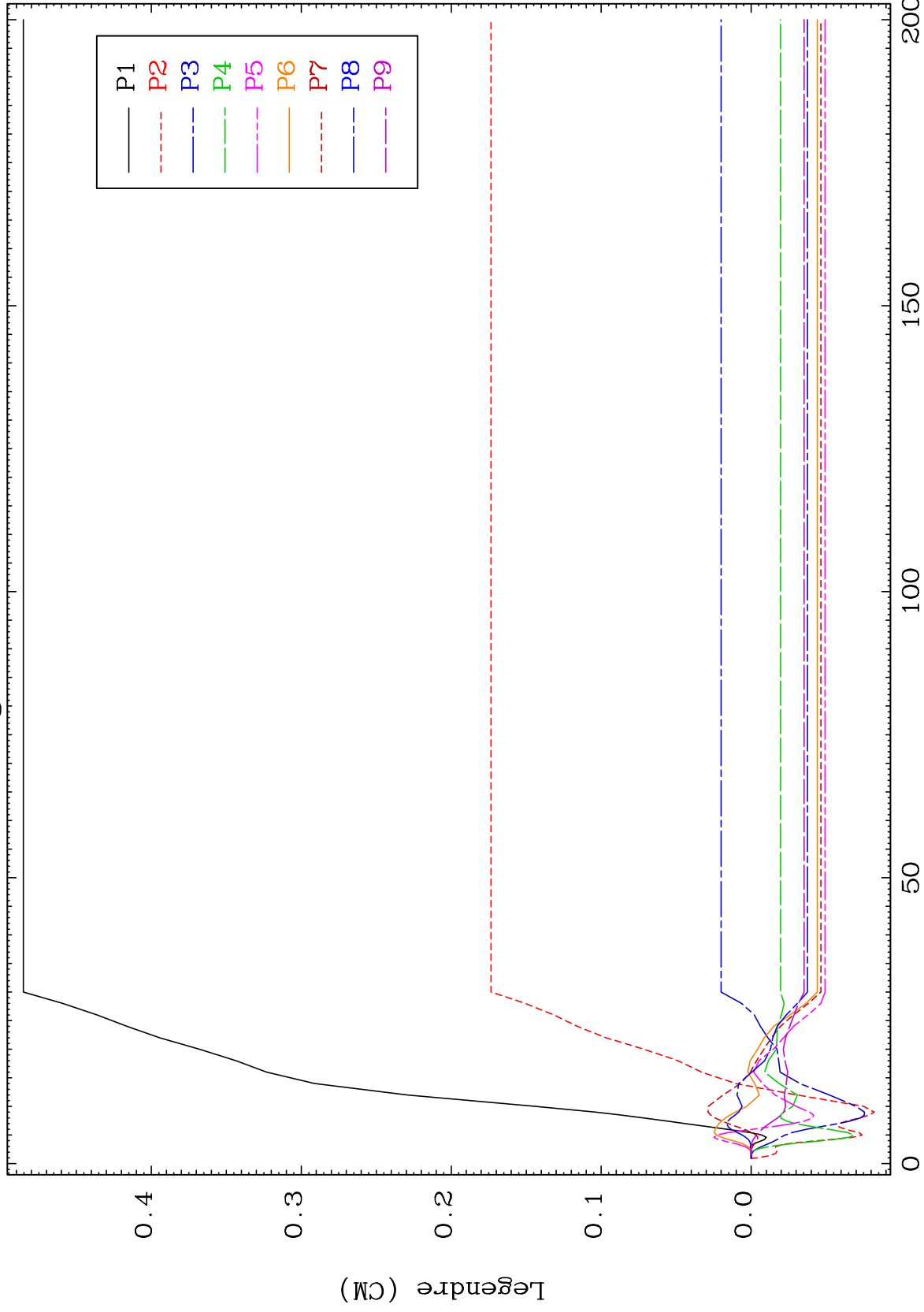




MAT 7707

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

77-Ir-185



124

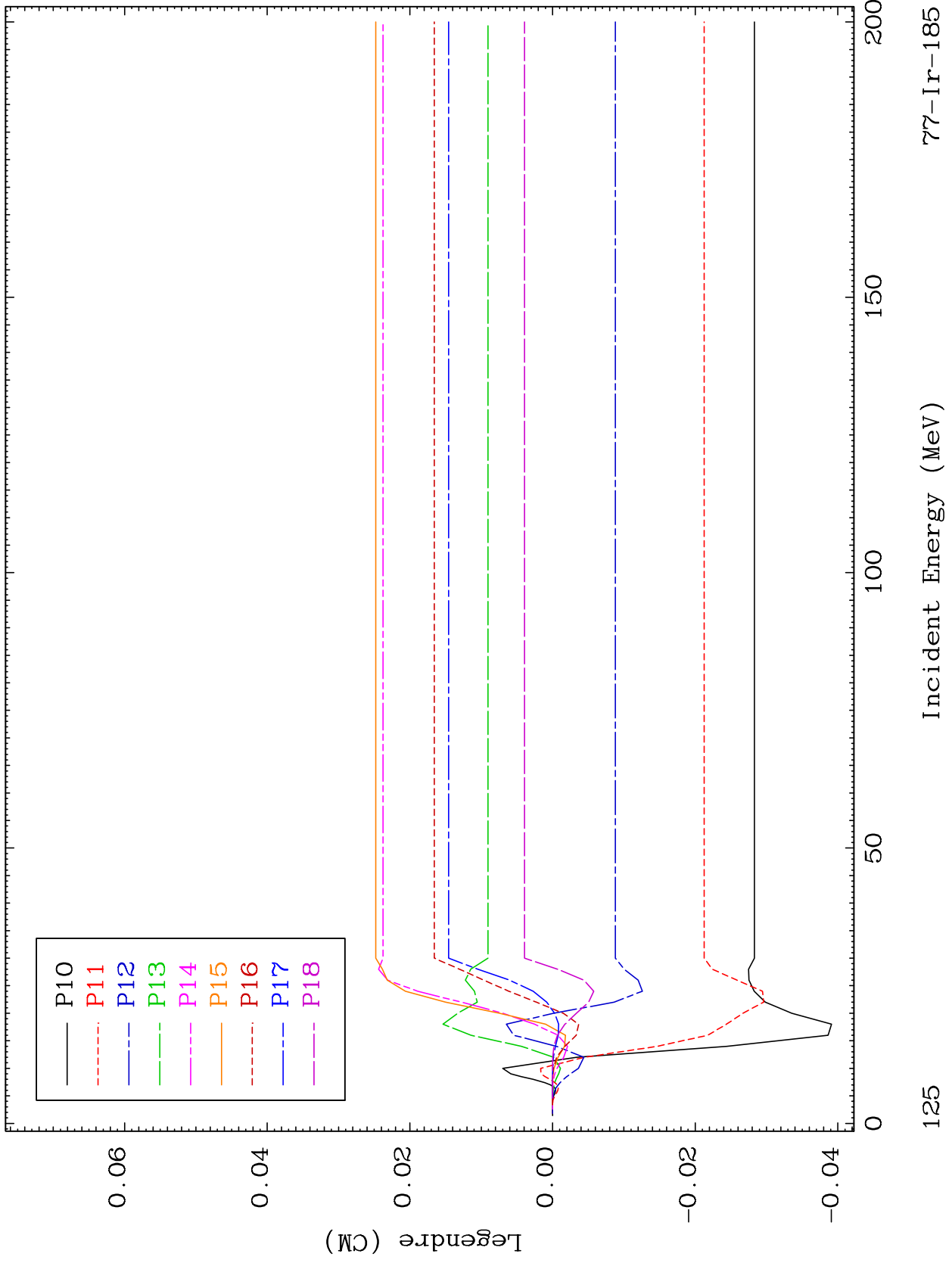
Incident Energy (MeV)

77-Ir-185

MAT 7707

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

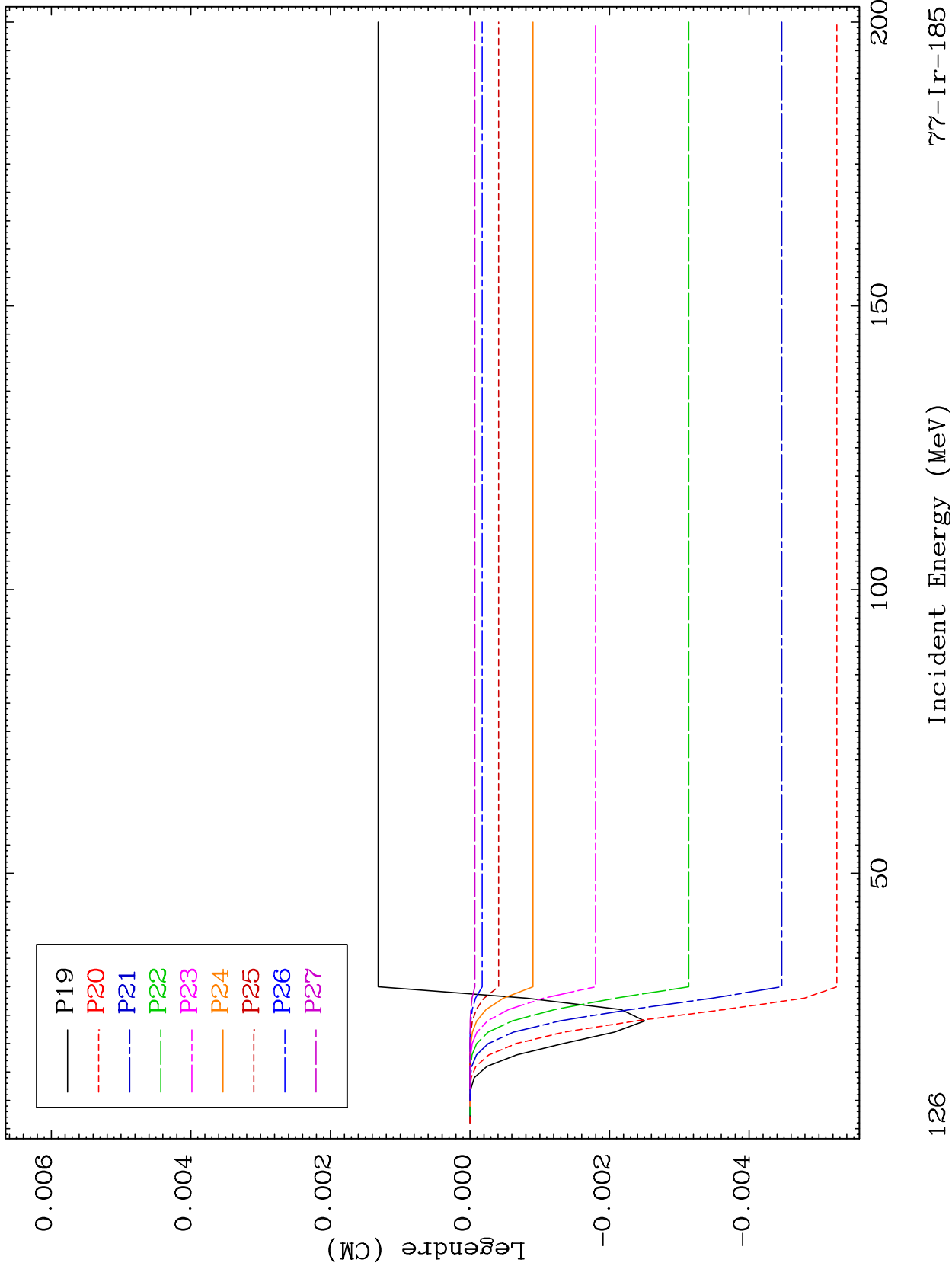
77-Ir-185

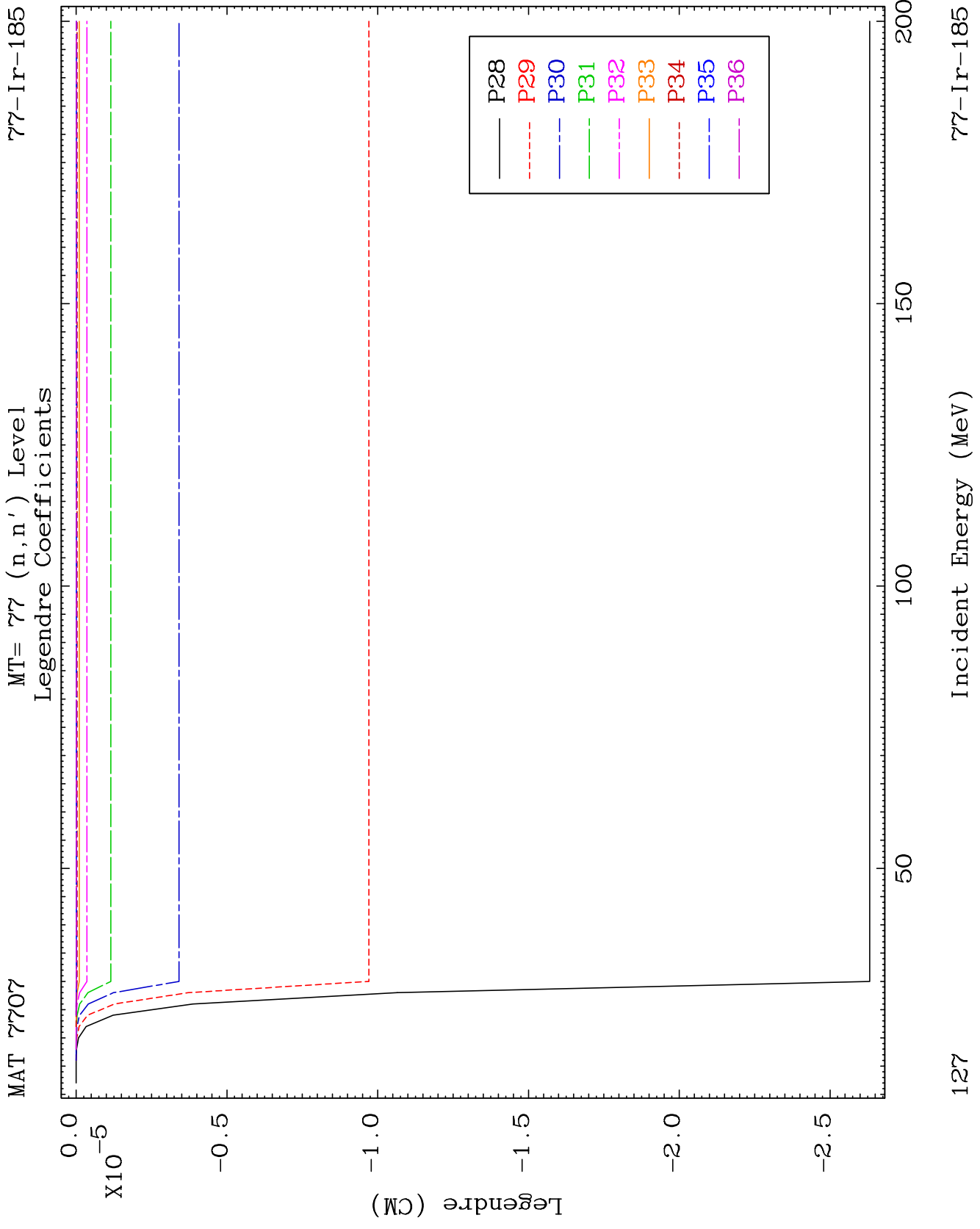


77-Ir-185

Incident Energy (MeV)

125

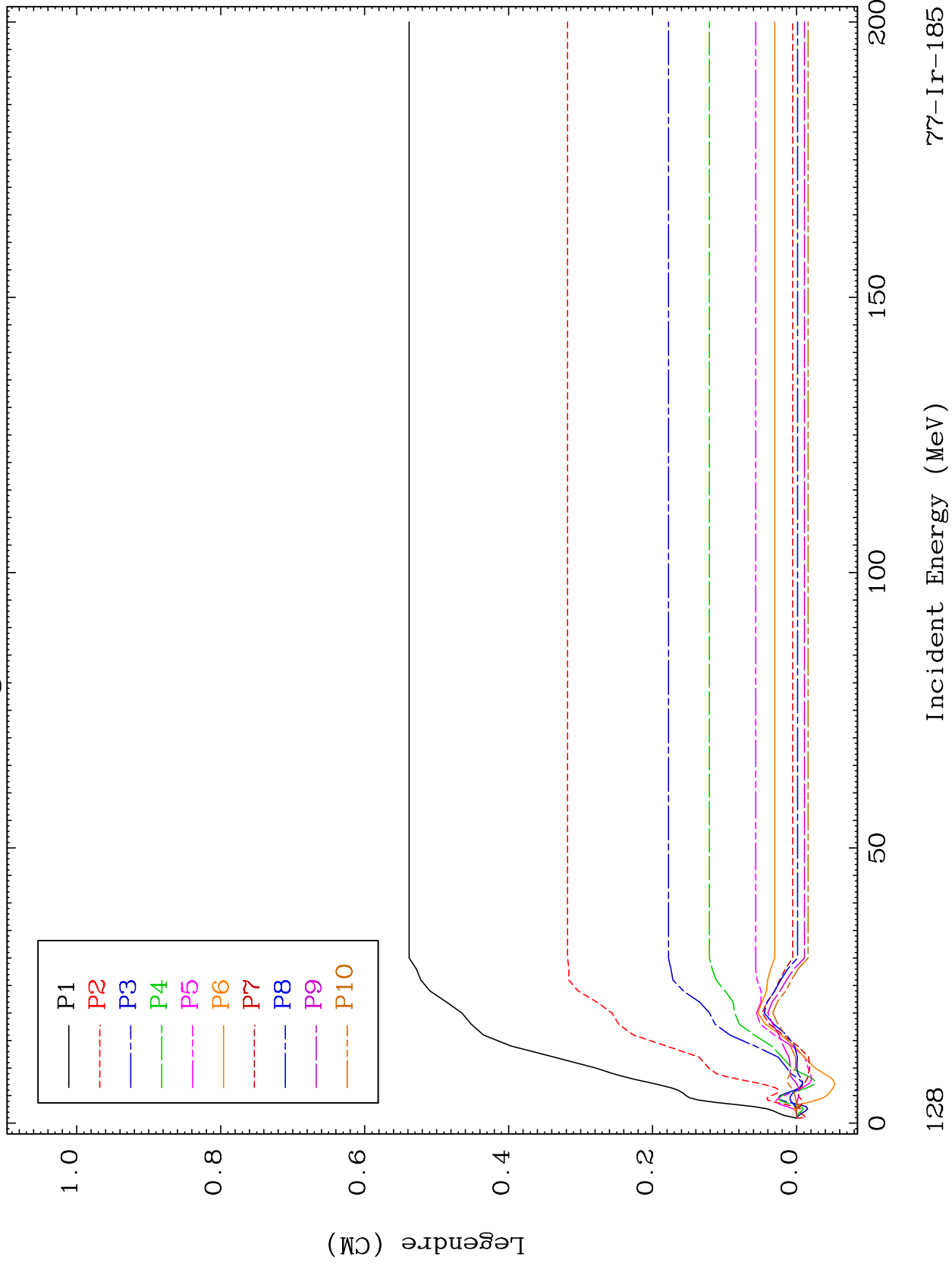




MAT 7707

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

77-Ir-185



77-Ir-185

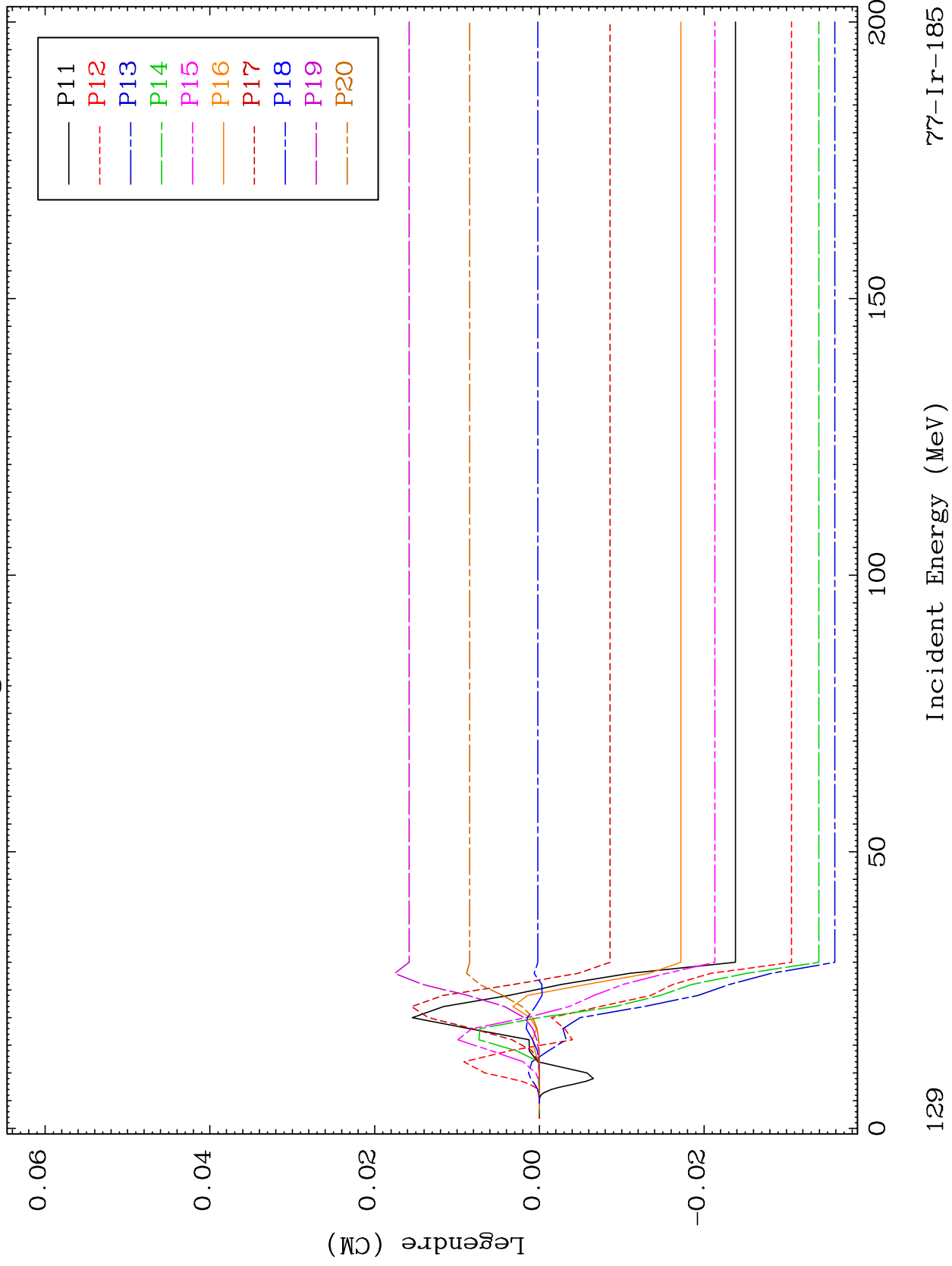
Incident Energy (MeV)

128

MAT 7707

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

77-Ir-185



129

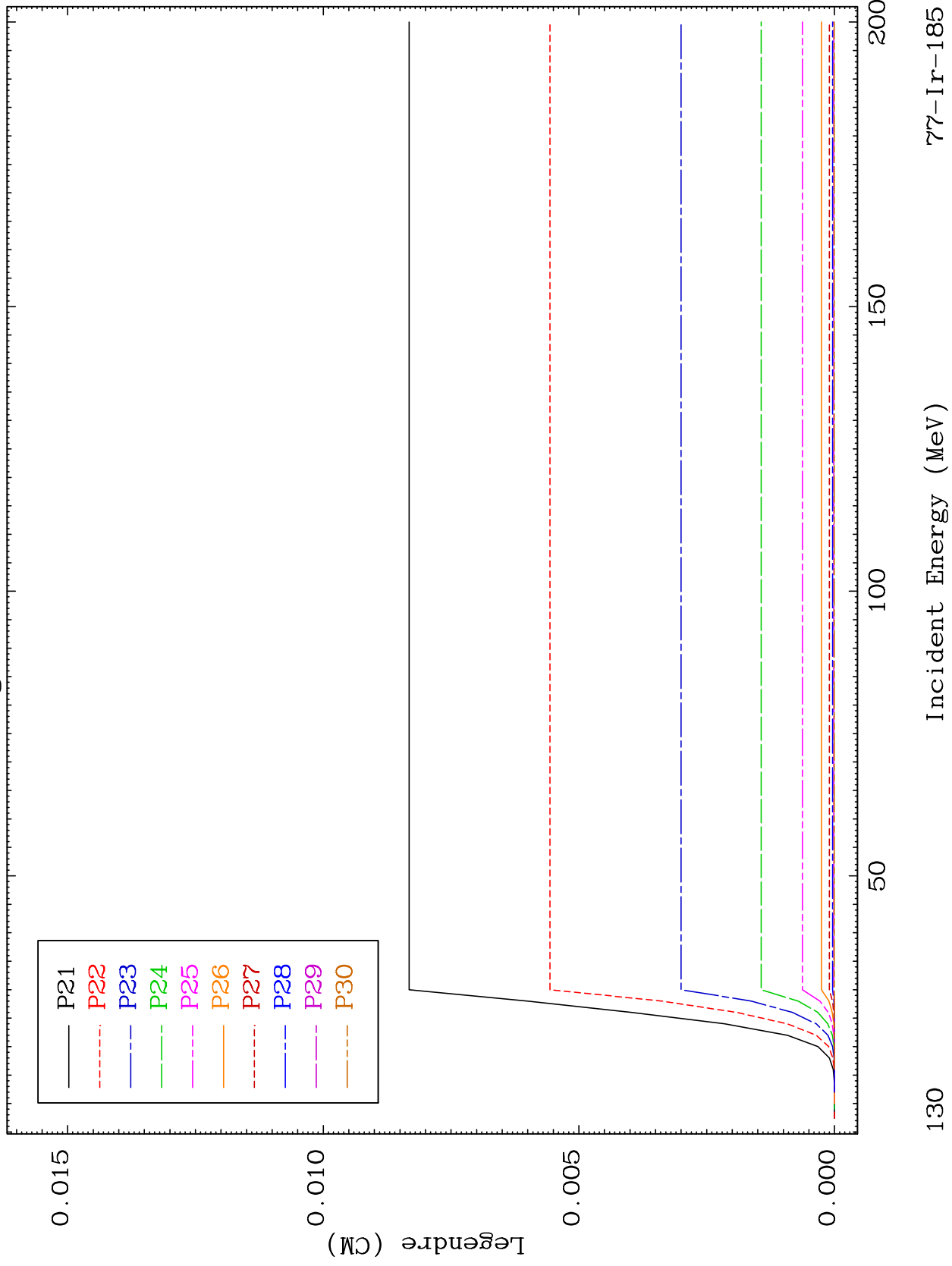
Incident Energy (MeV)

77-Ir-185

MAT 7707

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

77-Ir-185



130

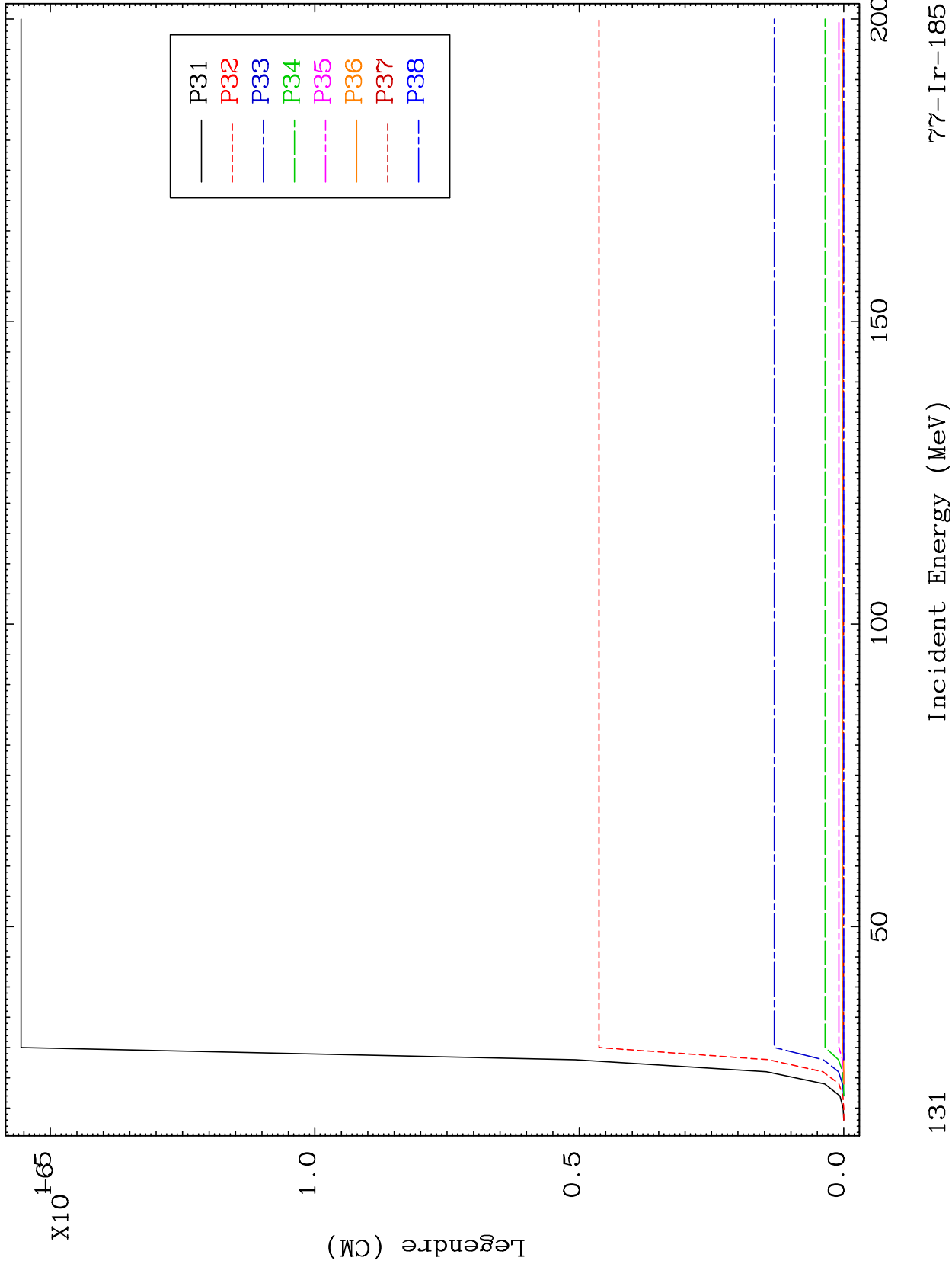
Incident Energy (MeV)

77-Ir-185

MAT 7707

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

77-Ir-185

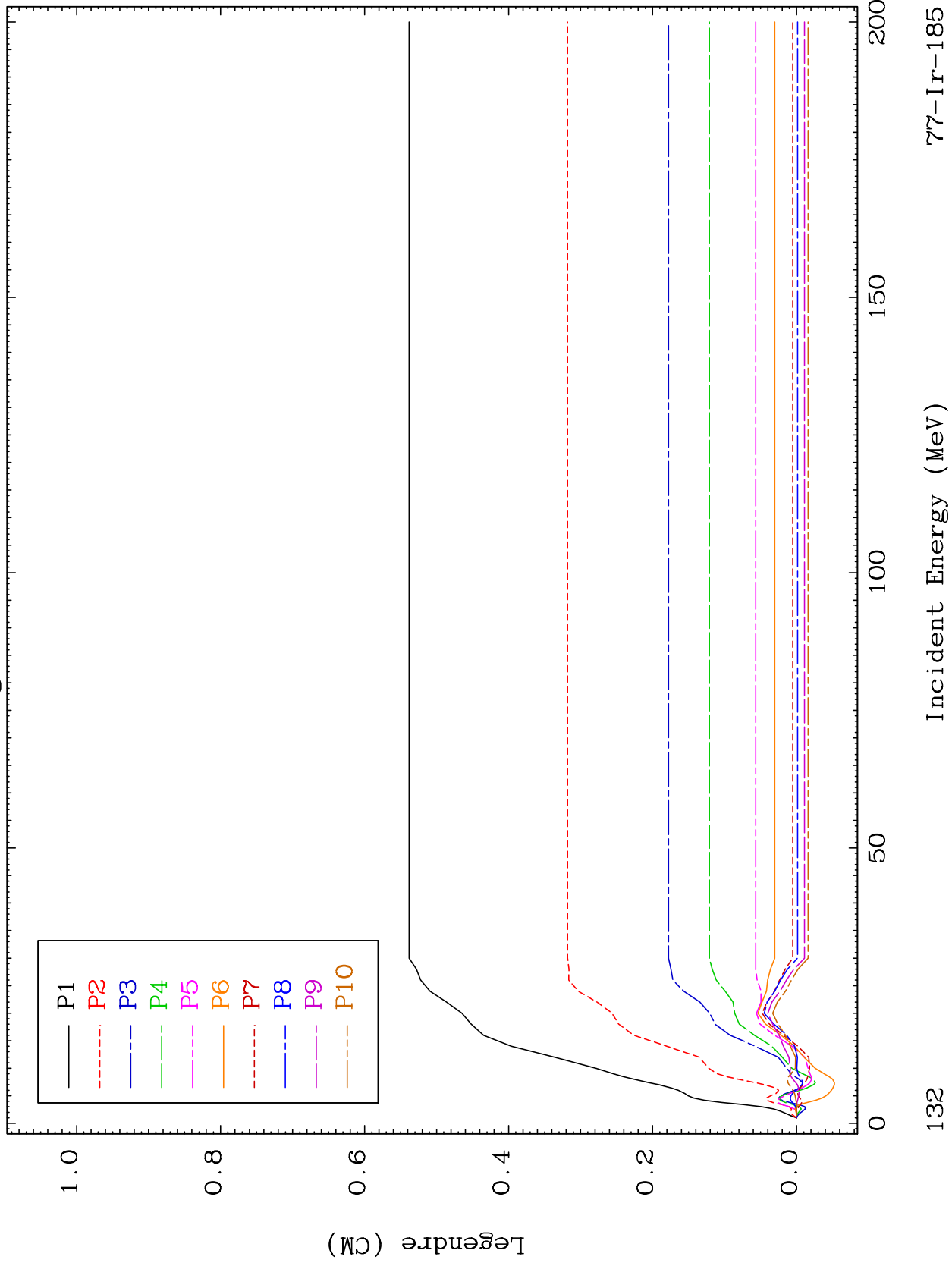


131

MAT 7707

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

77-Ir-185

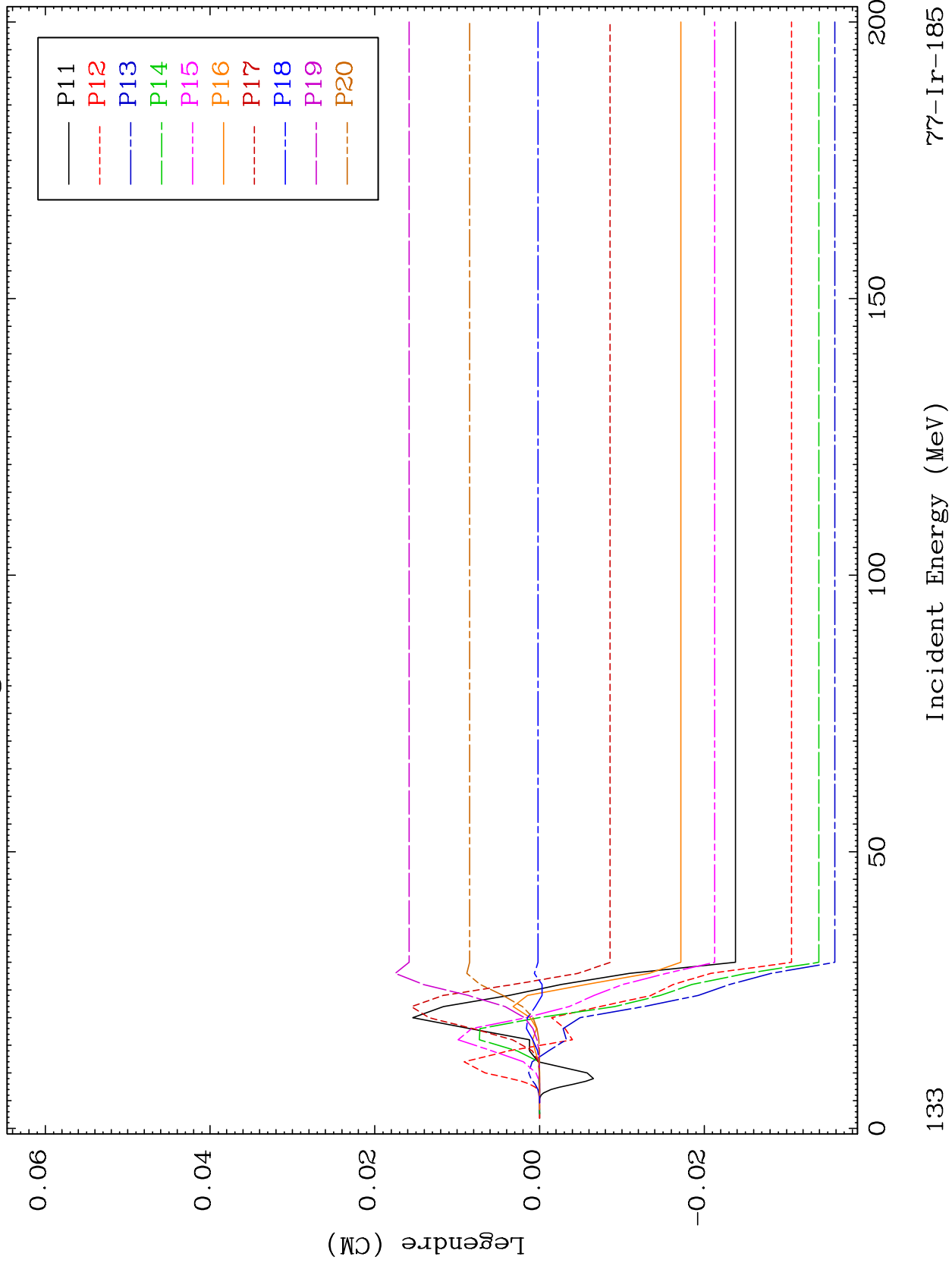


132

MAT 7707

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

77-Ir-185



77-Ir-185

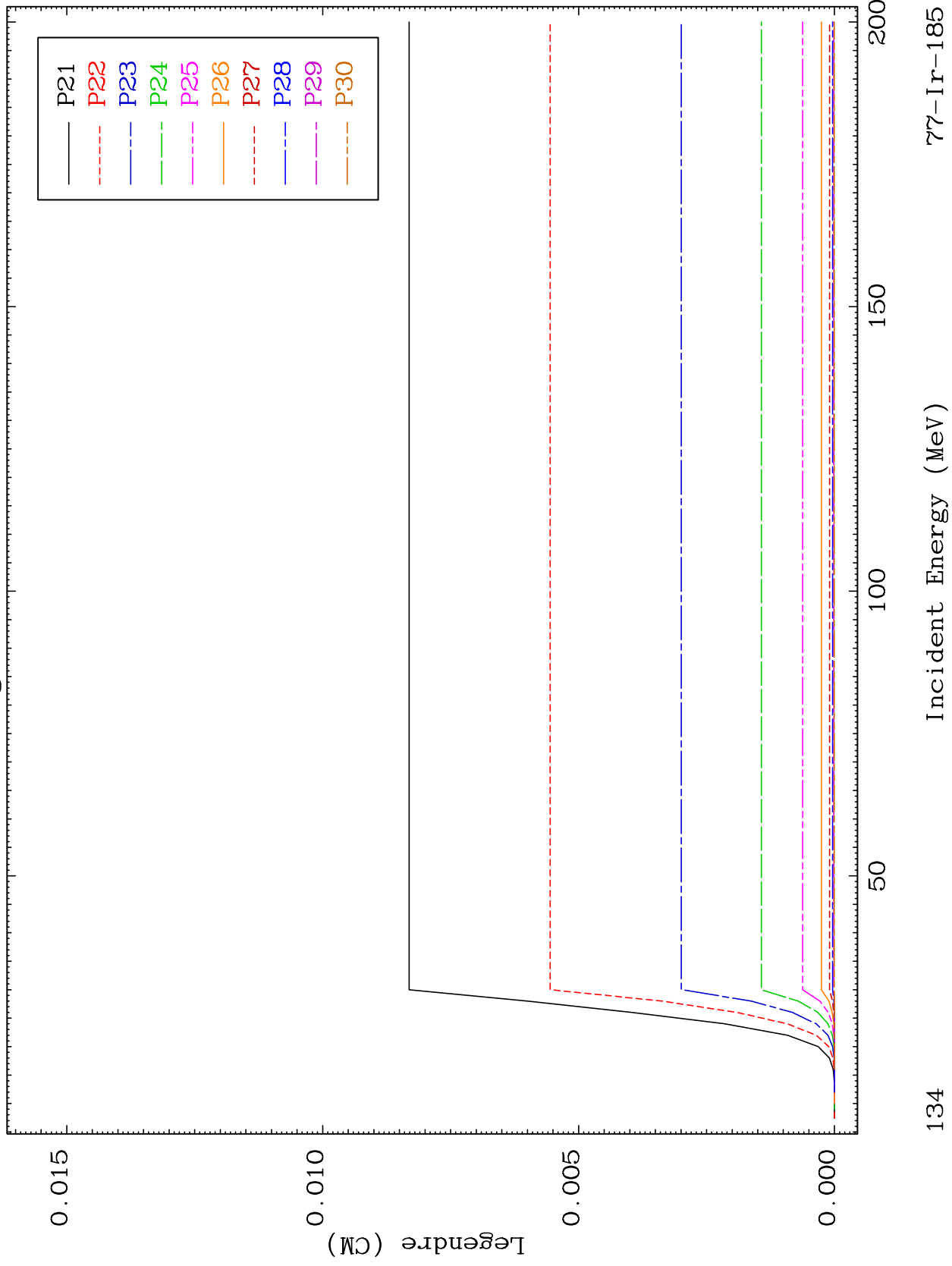
Incident Energy (MeV)

133

MAT 7707

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

77-Ir-185



134

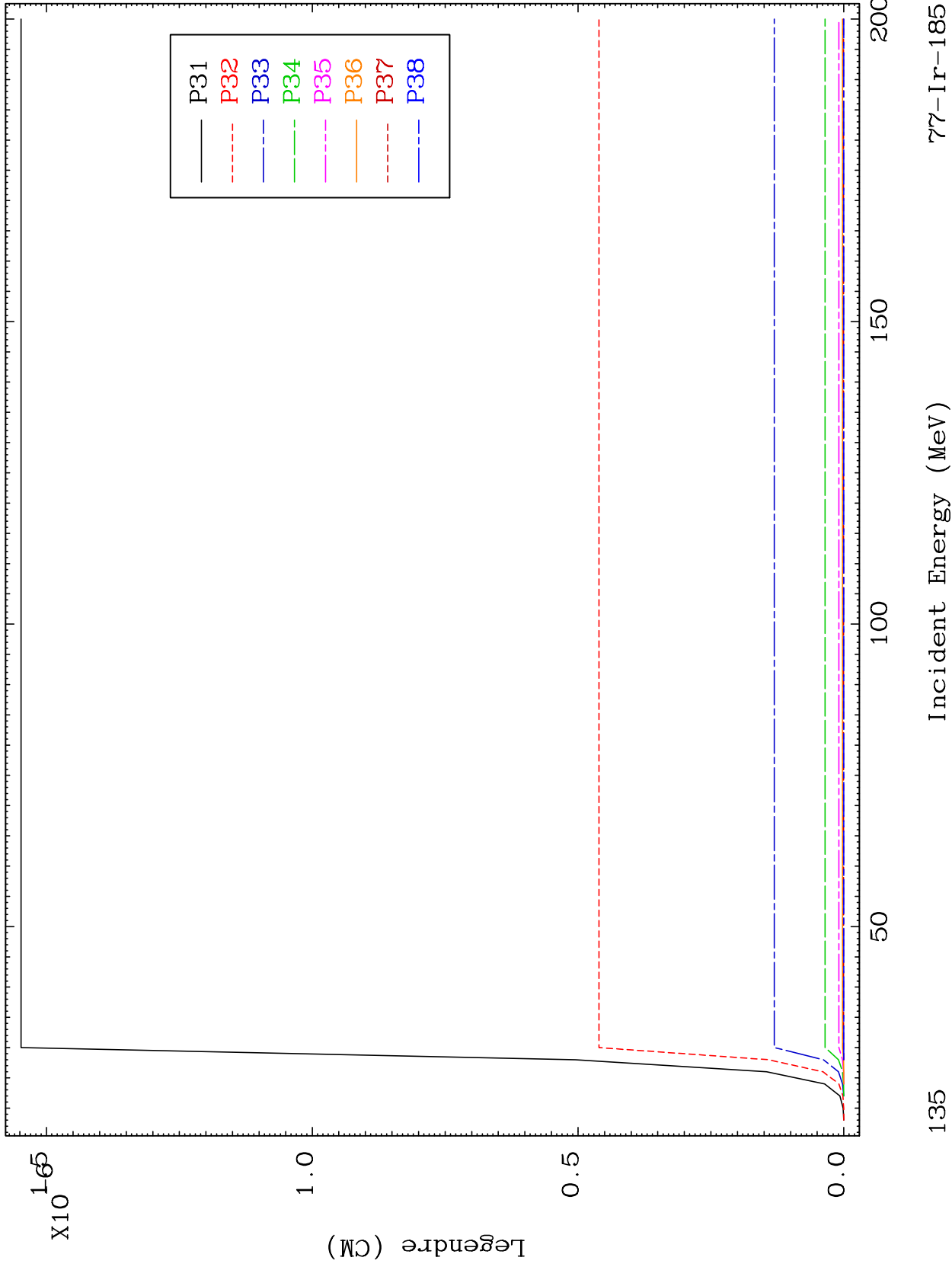
Incident Energy (MeV)

77-Ir-185

MAT 7707

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

77-Ir-185

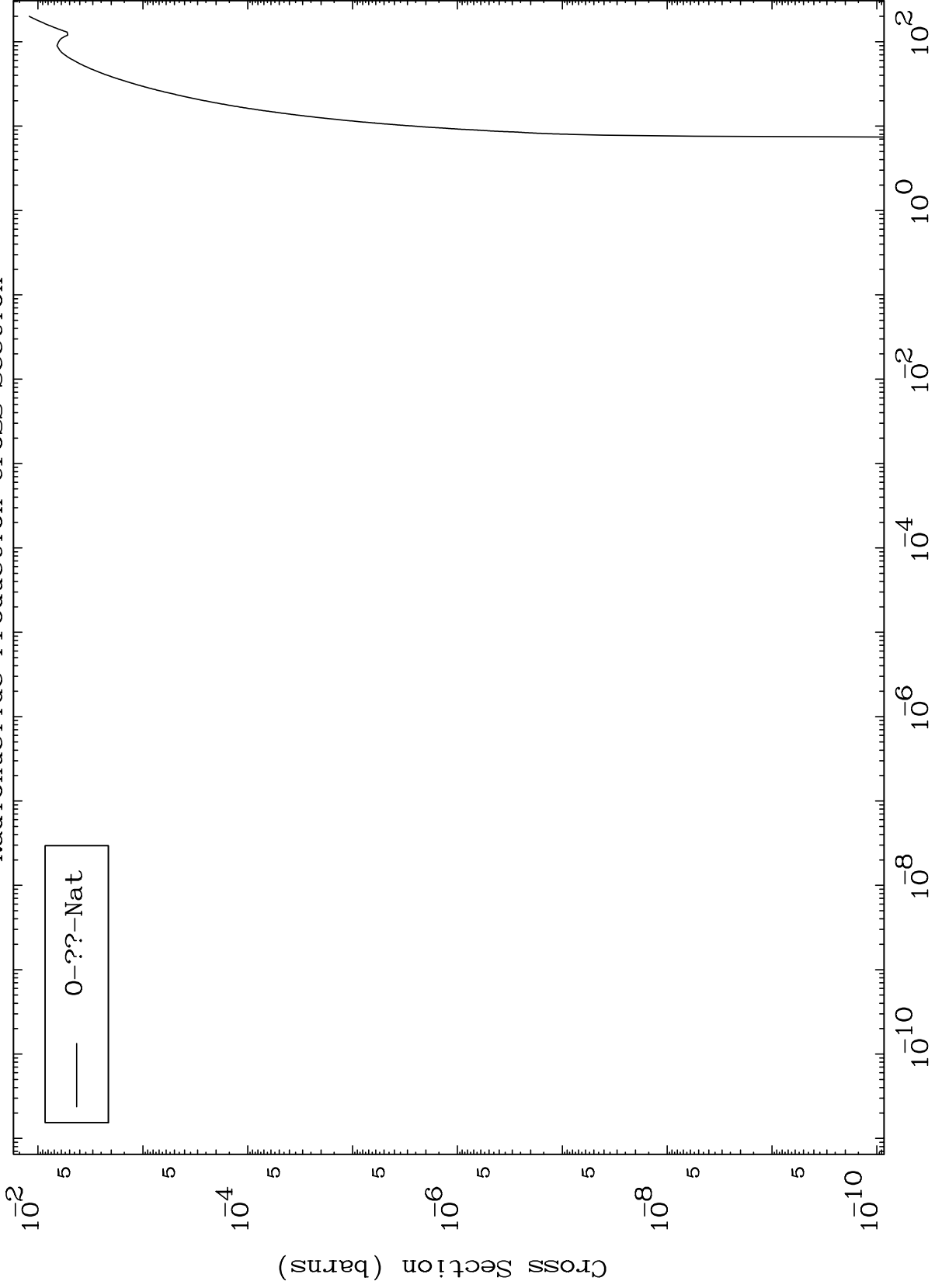


MAT 7707

Fission

⁷⁷Ir-185

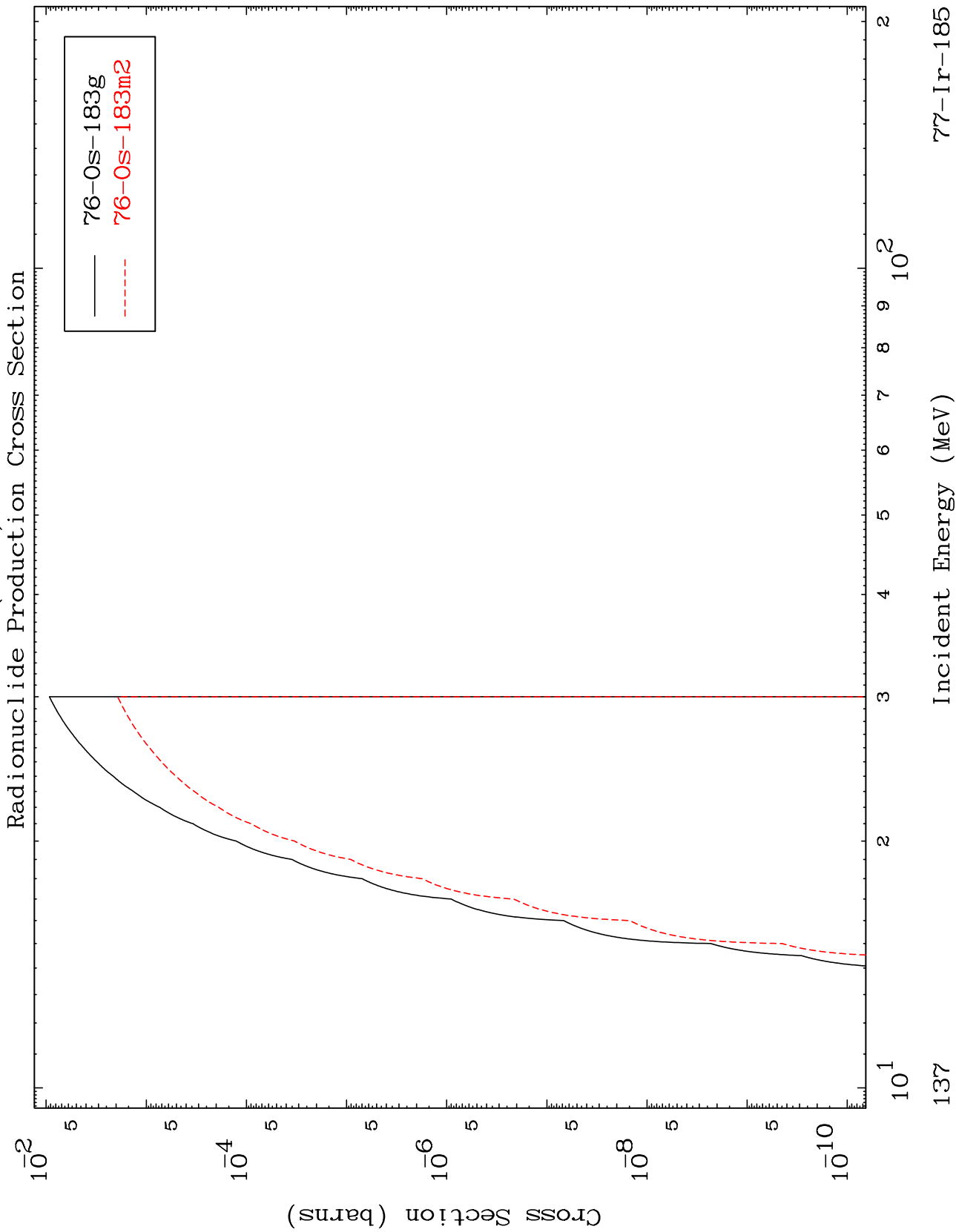
Radionuclide Production Cross Section



MAT 7707

(n,n') d

77-Ir-185



137

Incident Energy (MeV)

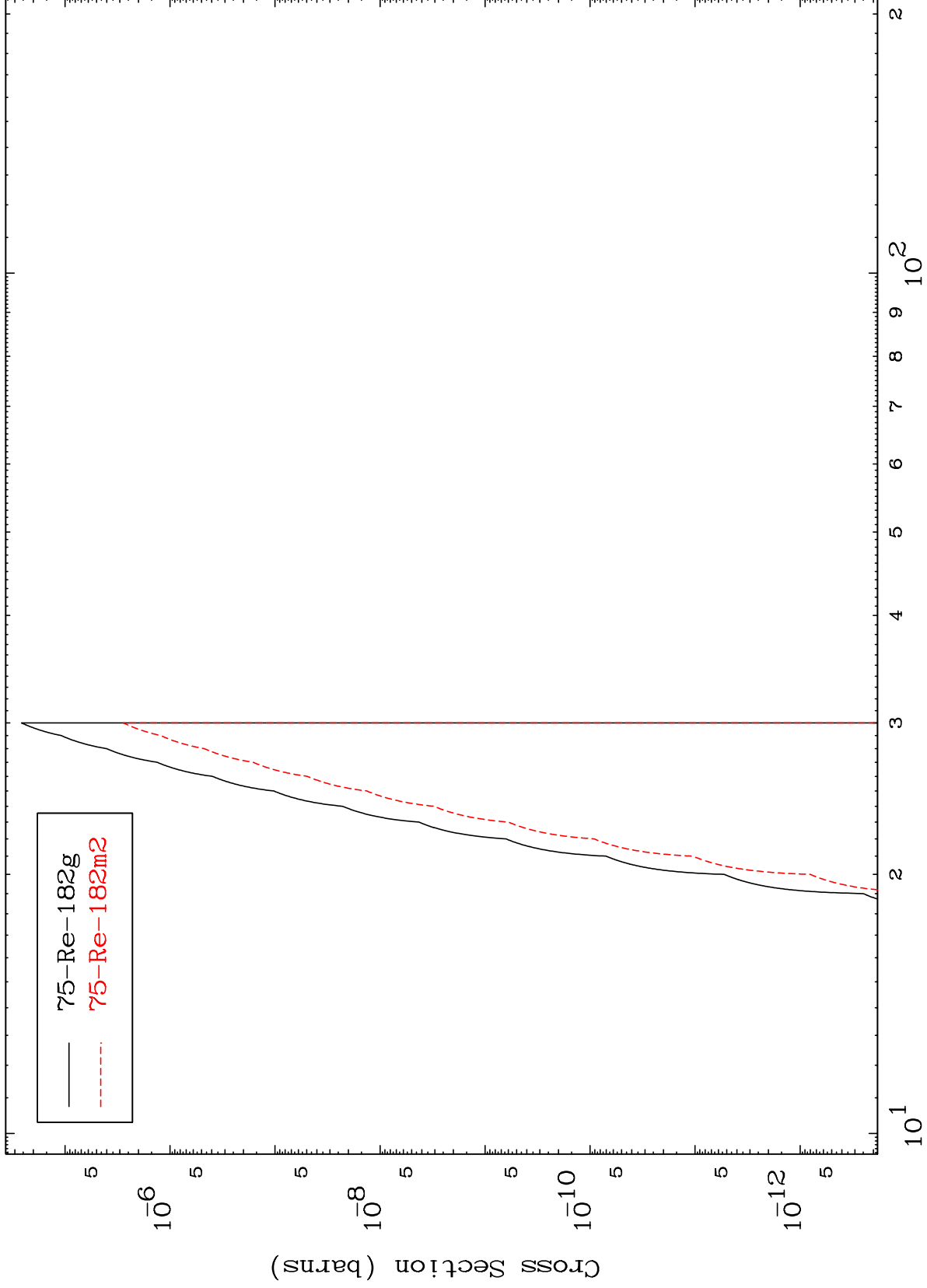
77-Ir-185

MAT 7707

(n,n') He-3

77-Ir-185

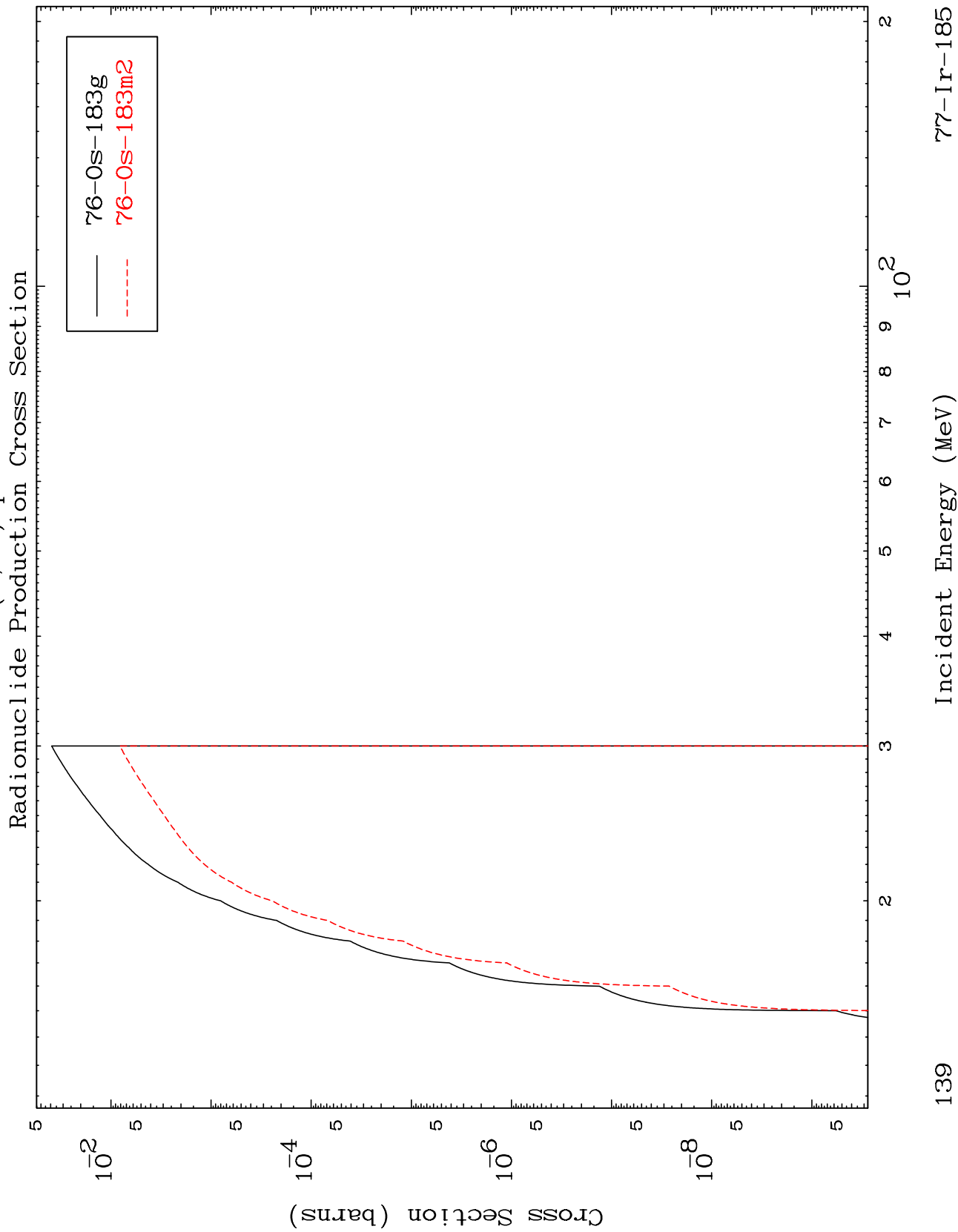
Radionuclide Production Cross Section



Incident Energy (MeV)

77-Ir-185

138

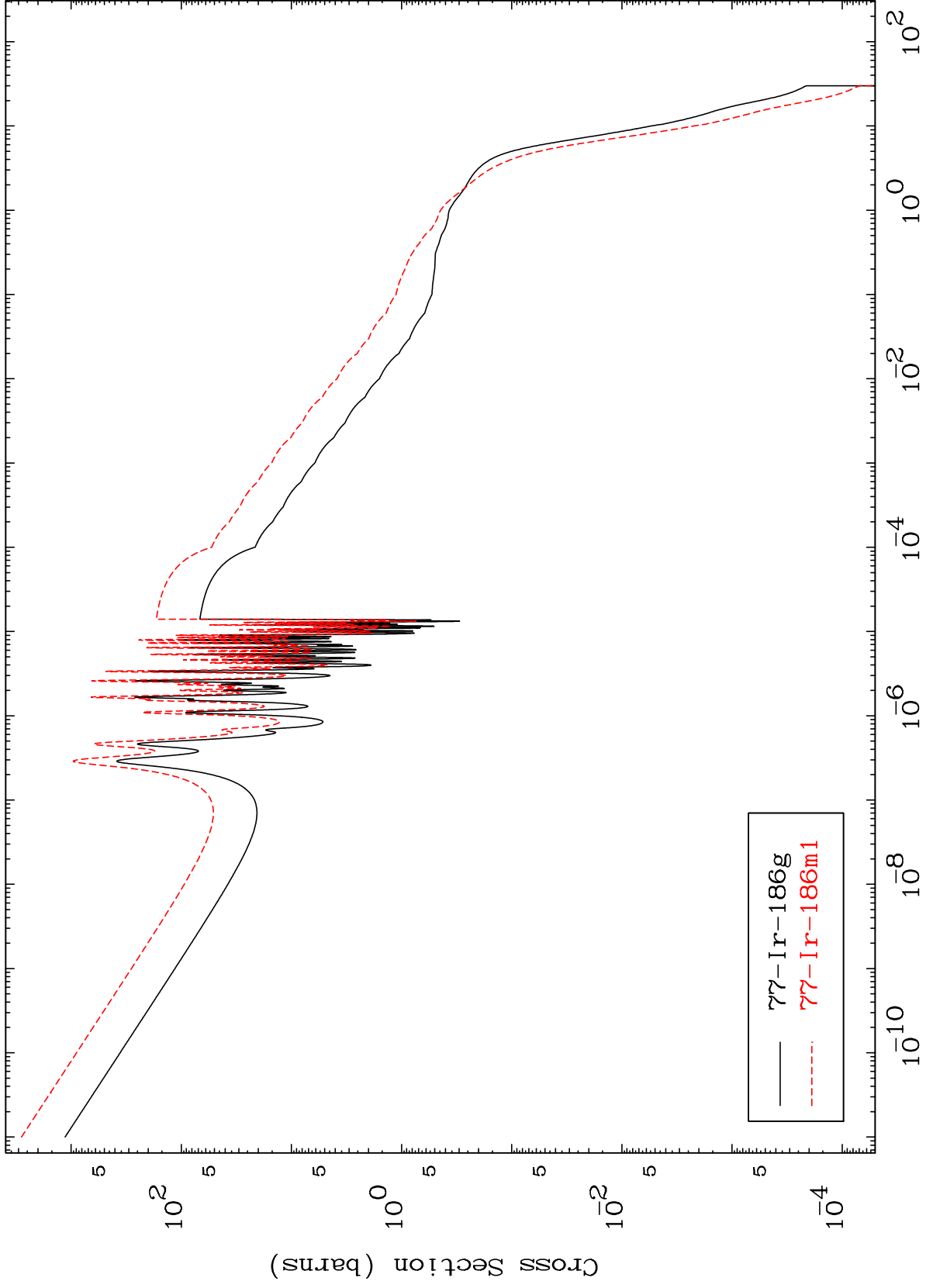


MAT 7707

⁷⁷Ir-185

Radionuclide Production Cross Section

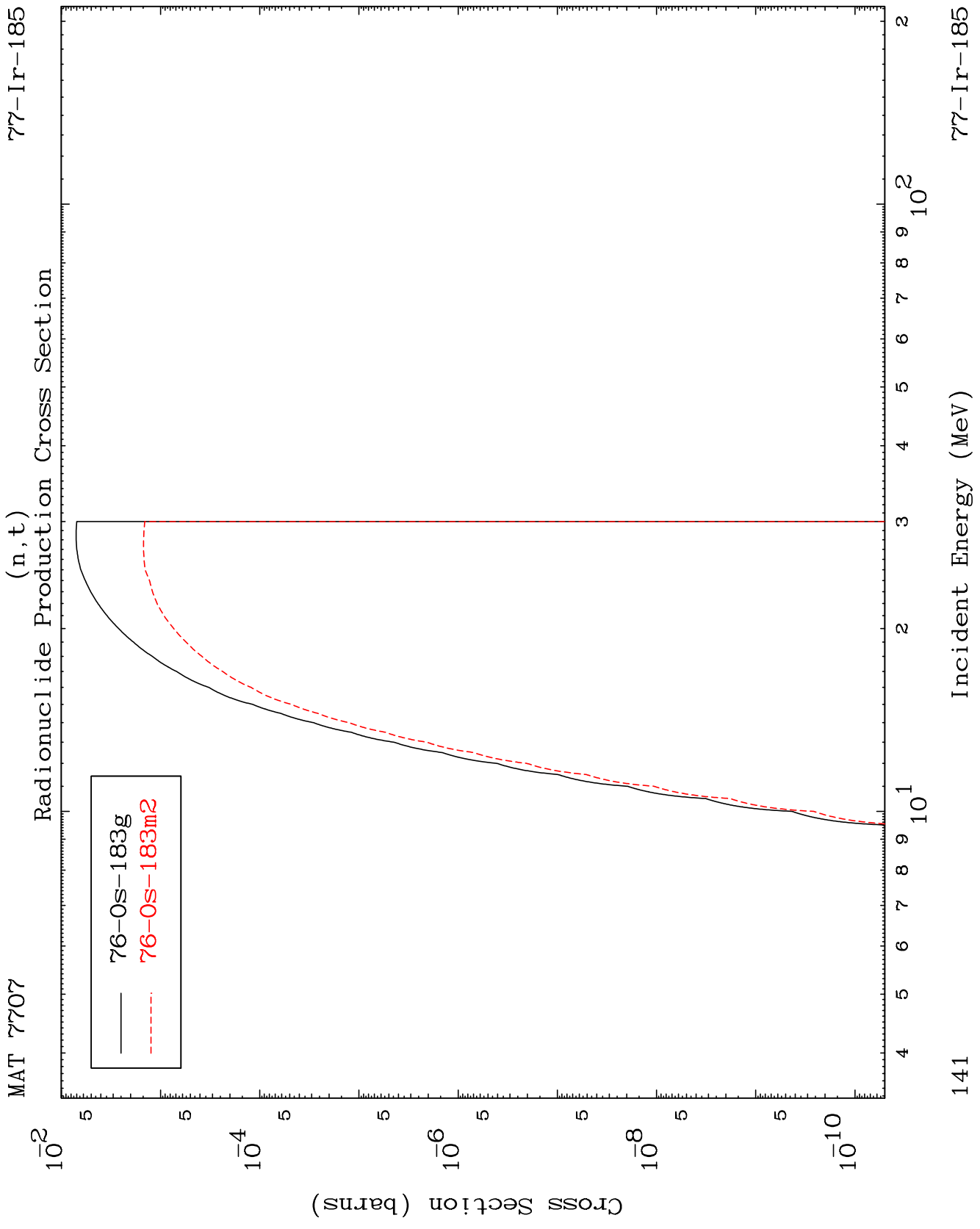
(n,γ)



⁷⁷Ir-185

Incident Energy (MeV)

140

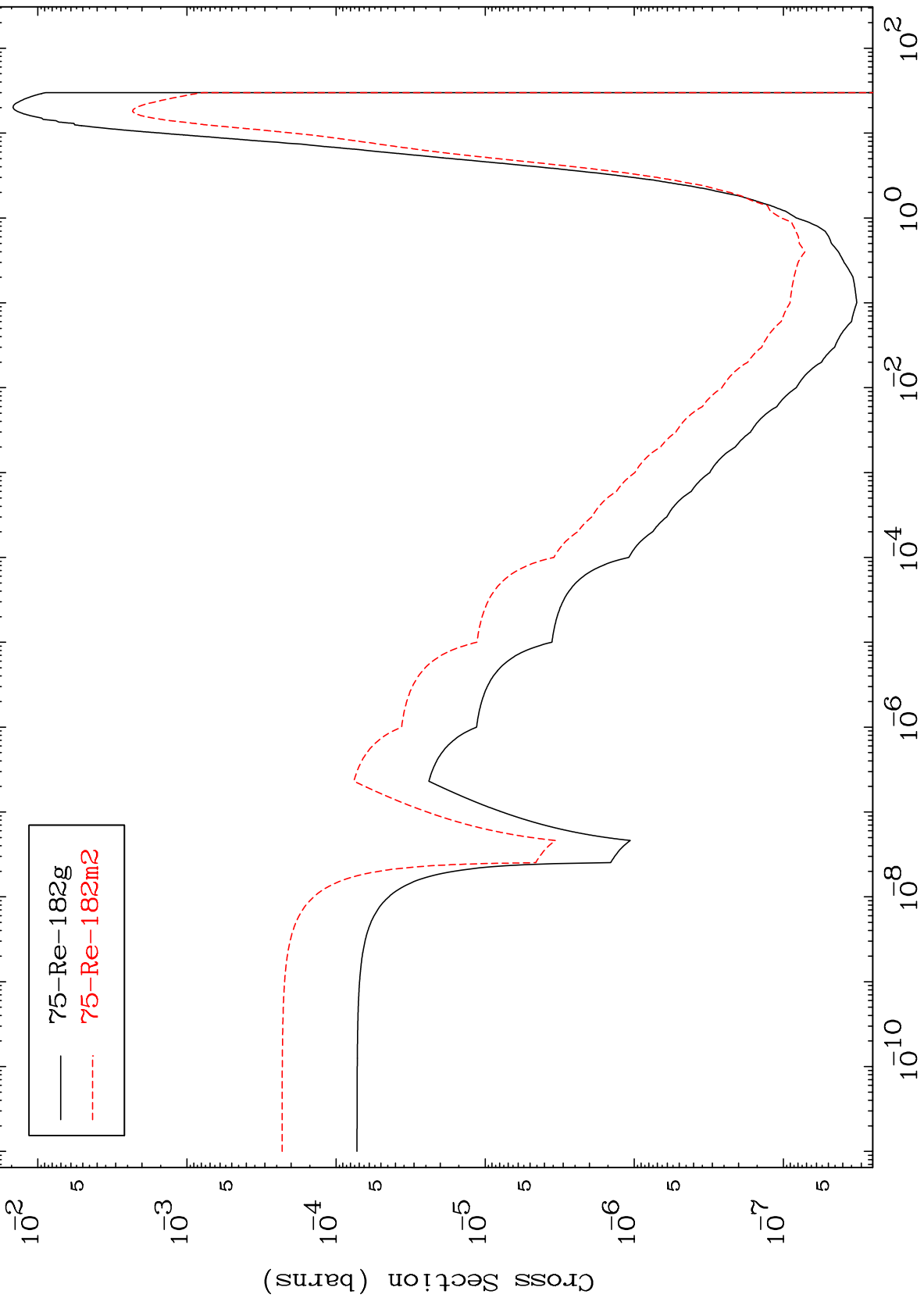


MAT 7707

(n, α)

77-Ir-185

Radionuclide Production Cross Section



142

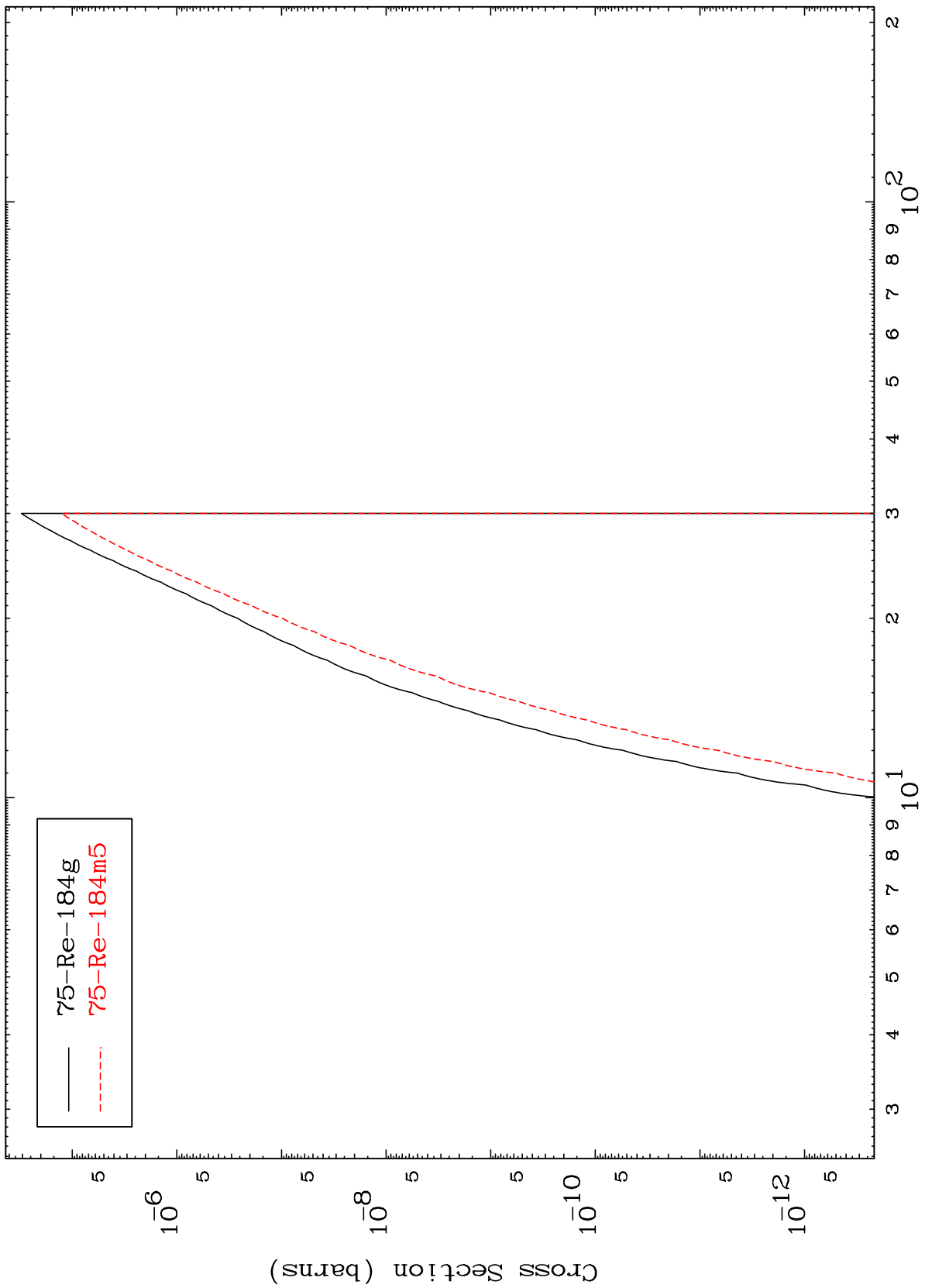
Incident Energy (MeV)

77-Ir-185

MAT 7707

77-Ir-185

(n,2p)
Radionuclide Production Cross Section



143

Incident Energy (MeV)

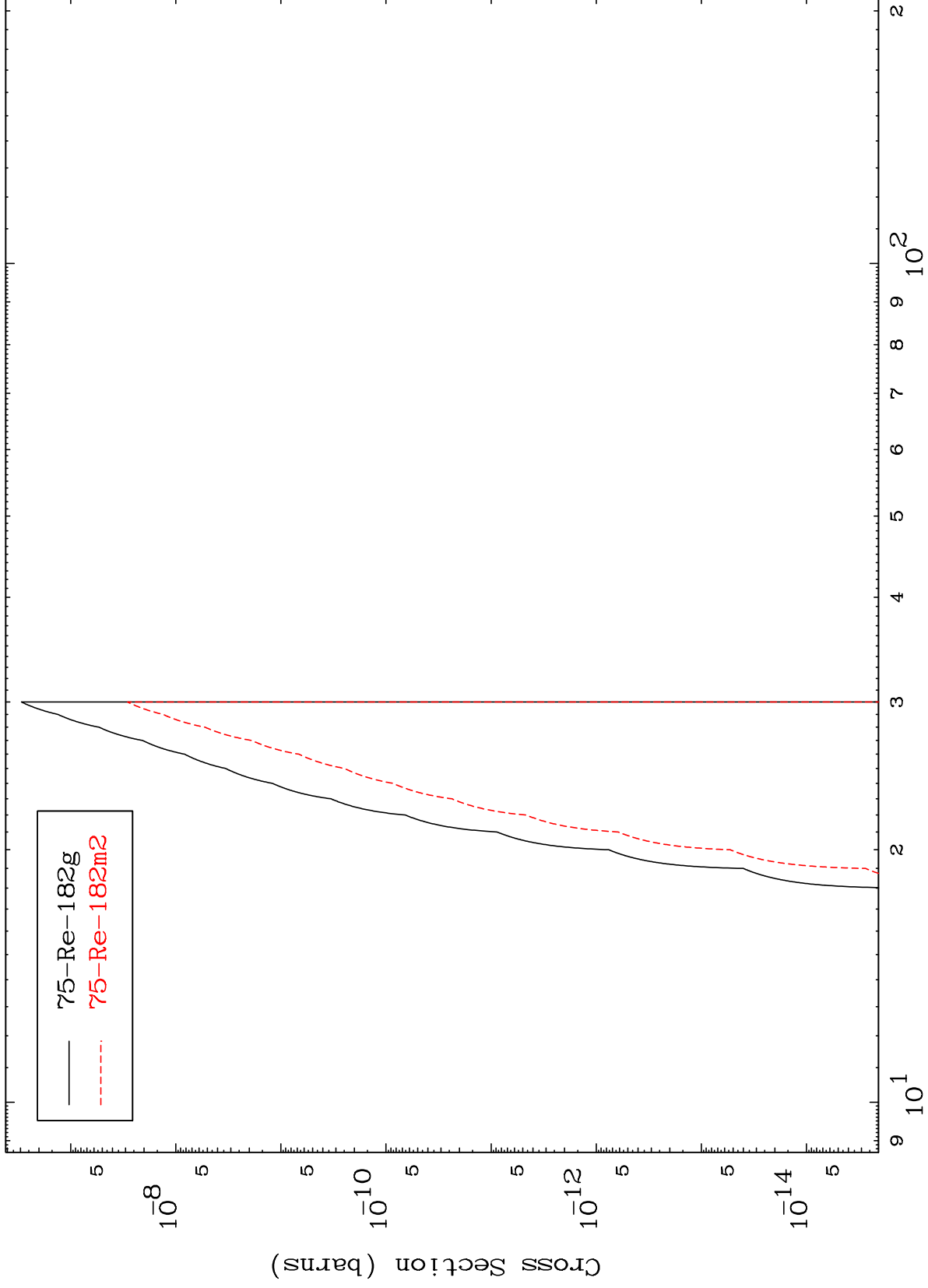
77-Ir-185

MAT 7707

(n,p) t

⁷⁷Ir-185

Radionuclide Production Cross Section



144

Incident Energy (MeV)

⁷⁷Ir-185