

Program EVALPLOT
(Version 2021-1)

by

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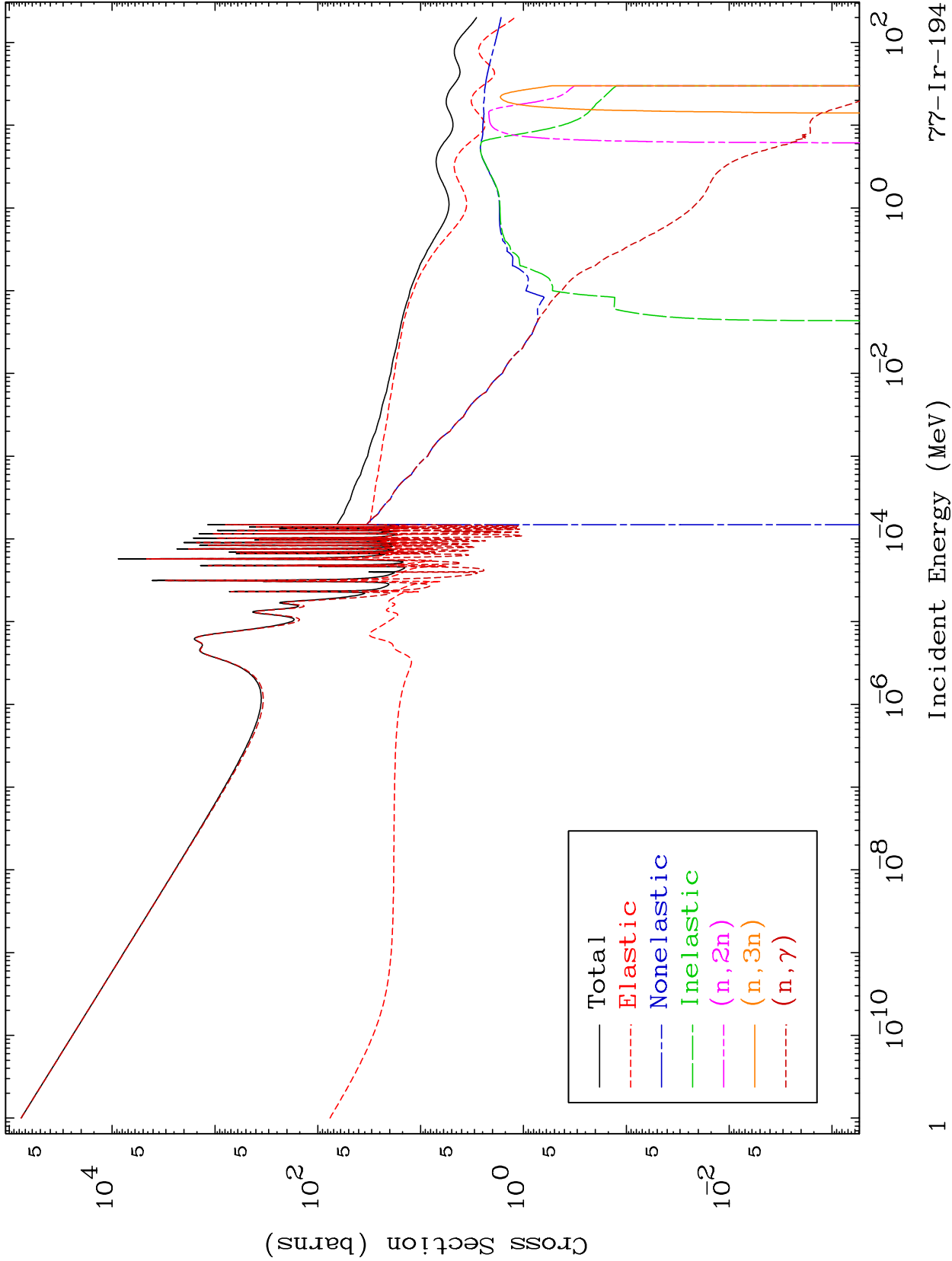
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Press Mouse Button to Start

MAT 7734

Neutron Major
293 Kelvin Cross Sections

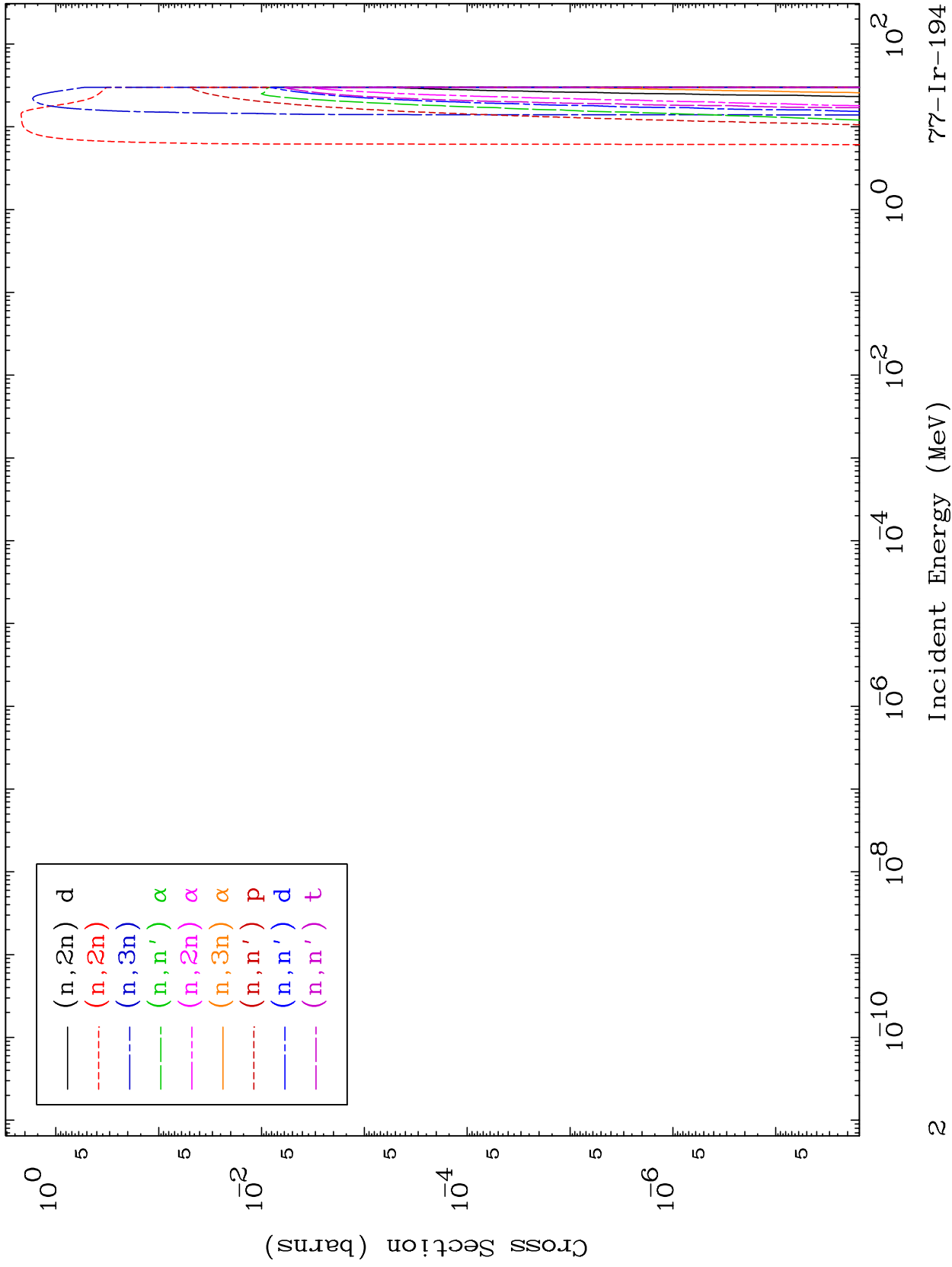
77-Ir-194



MAT 7734

Neutron Absorption
293 Kelvin Cross Sections

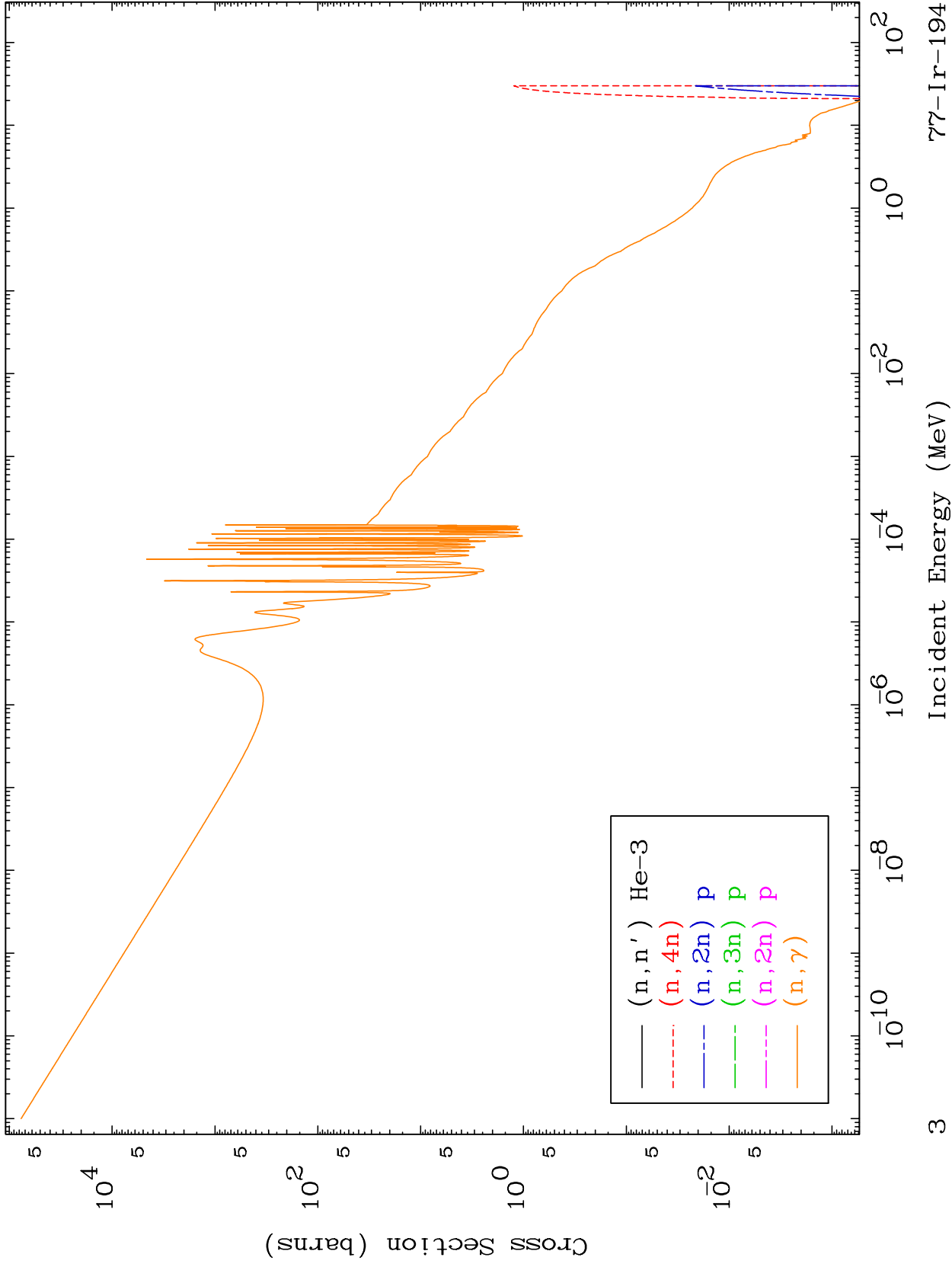
77-Ir-194



MAT 7734

Neutron Absorption
293 Kelvin Cross Sections

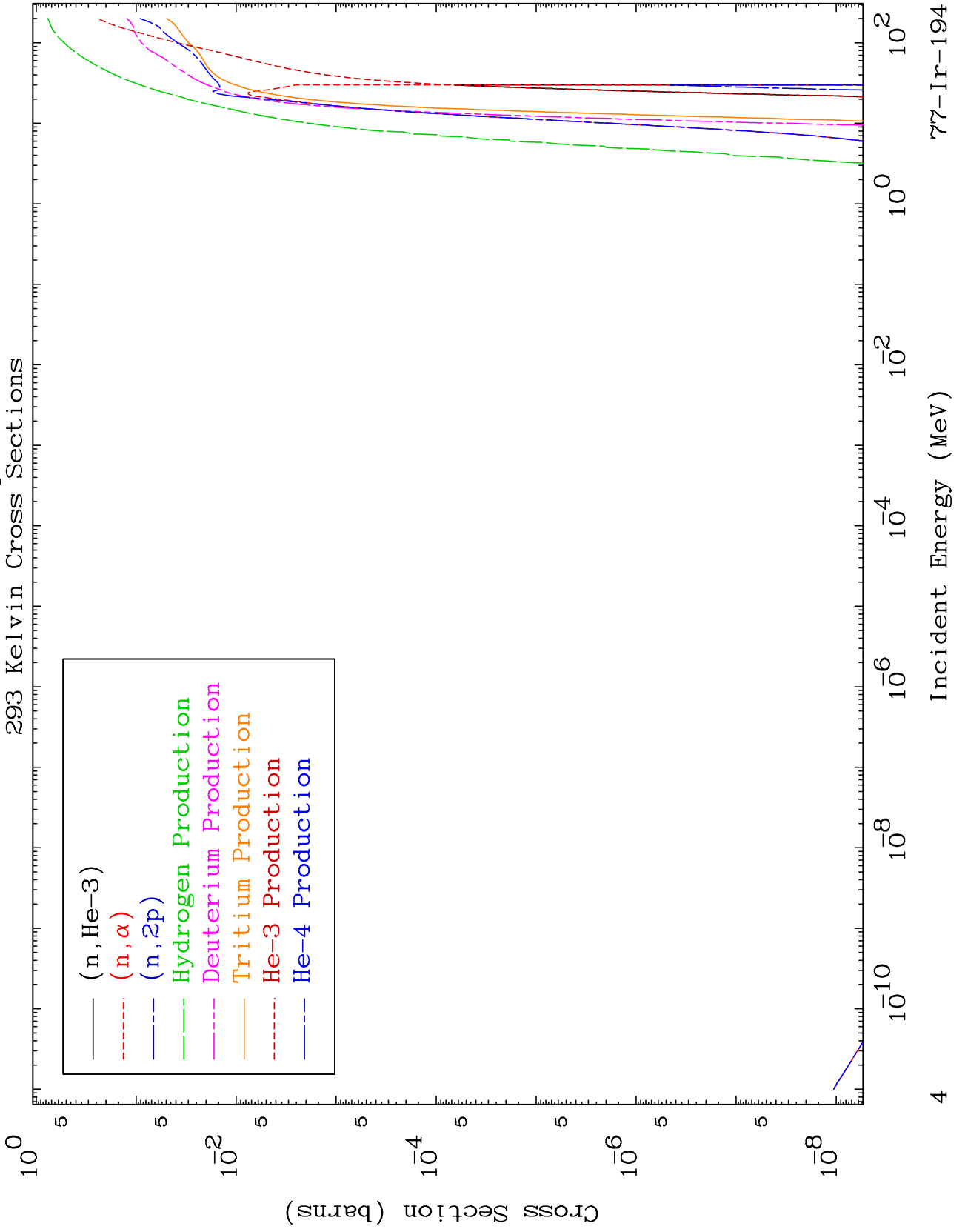
77-Ir-194



MAT 7734

Neutron Absorption
293 Kelvin Cross Sections

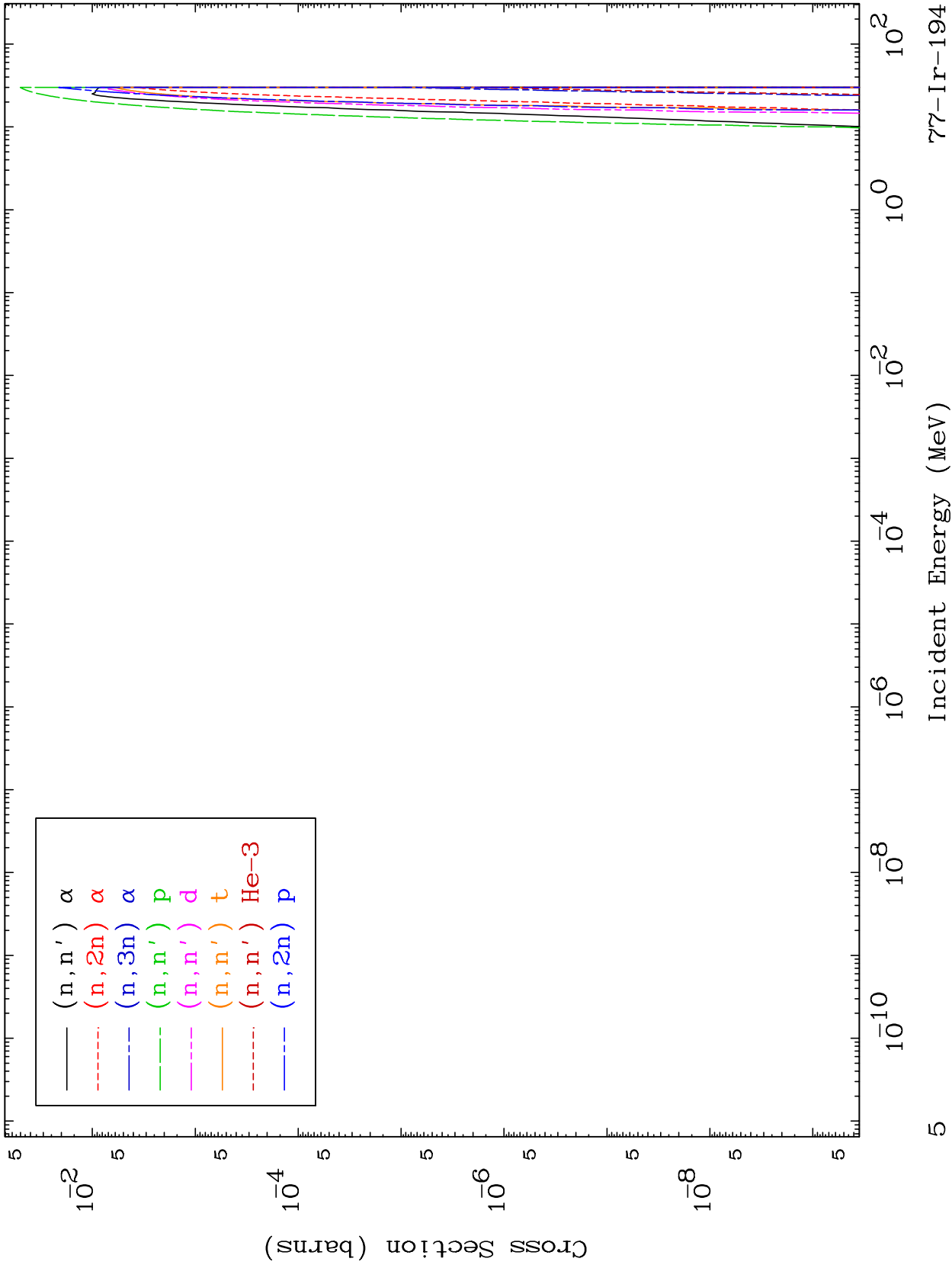
77-Ir-194



MAT 7734

Charged Particle
293 Kelvin Cross Sections

77-Ir-194

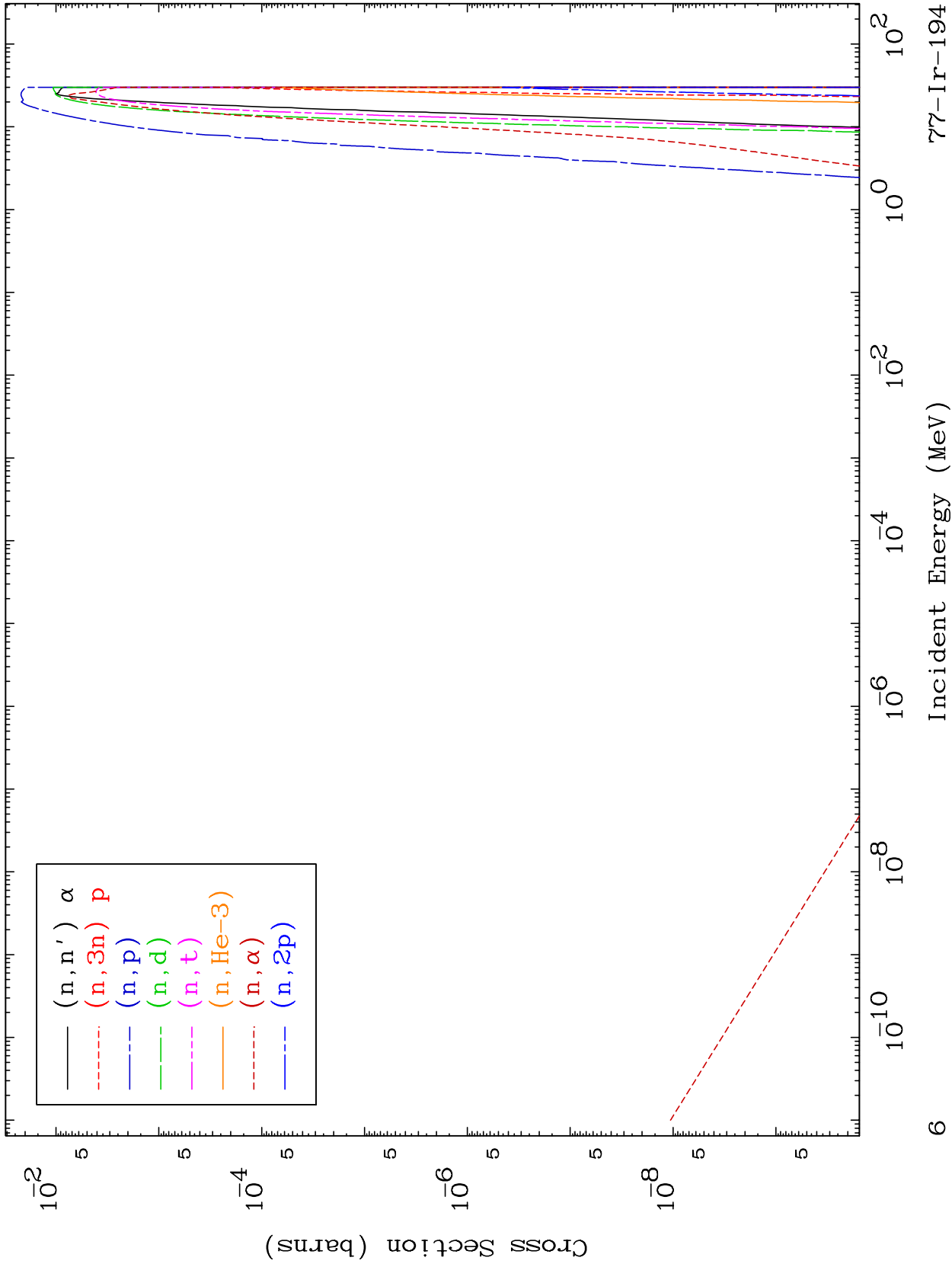


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MAT 7734

Charged Particle
293 Kelvin Cross Sections

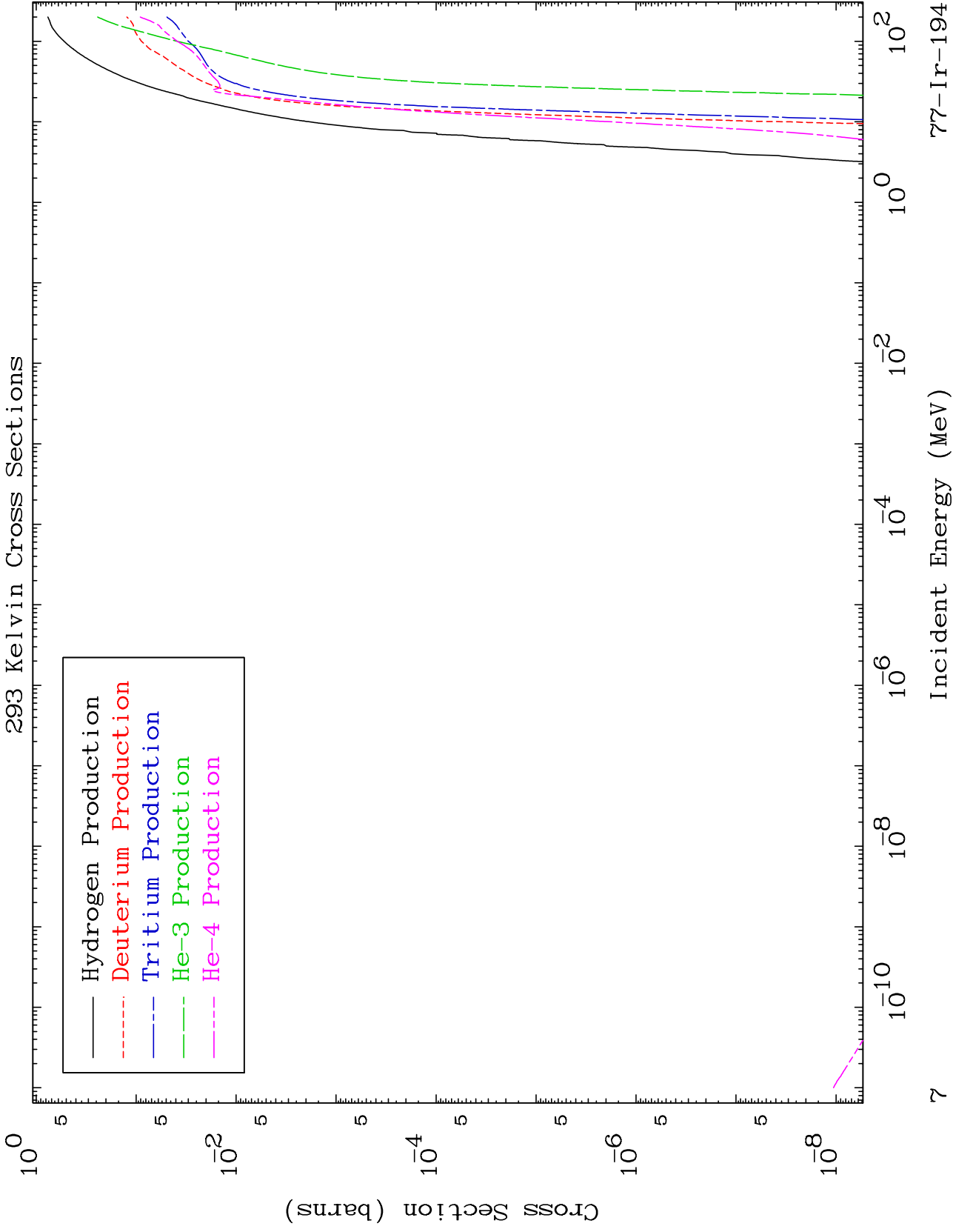
77-Ir-194



MAT 7734

Particle Production
293 Kelvin Cross Sections

77-Ir-194

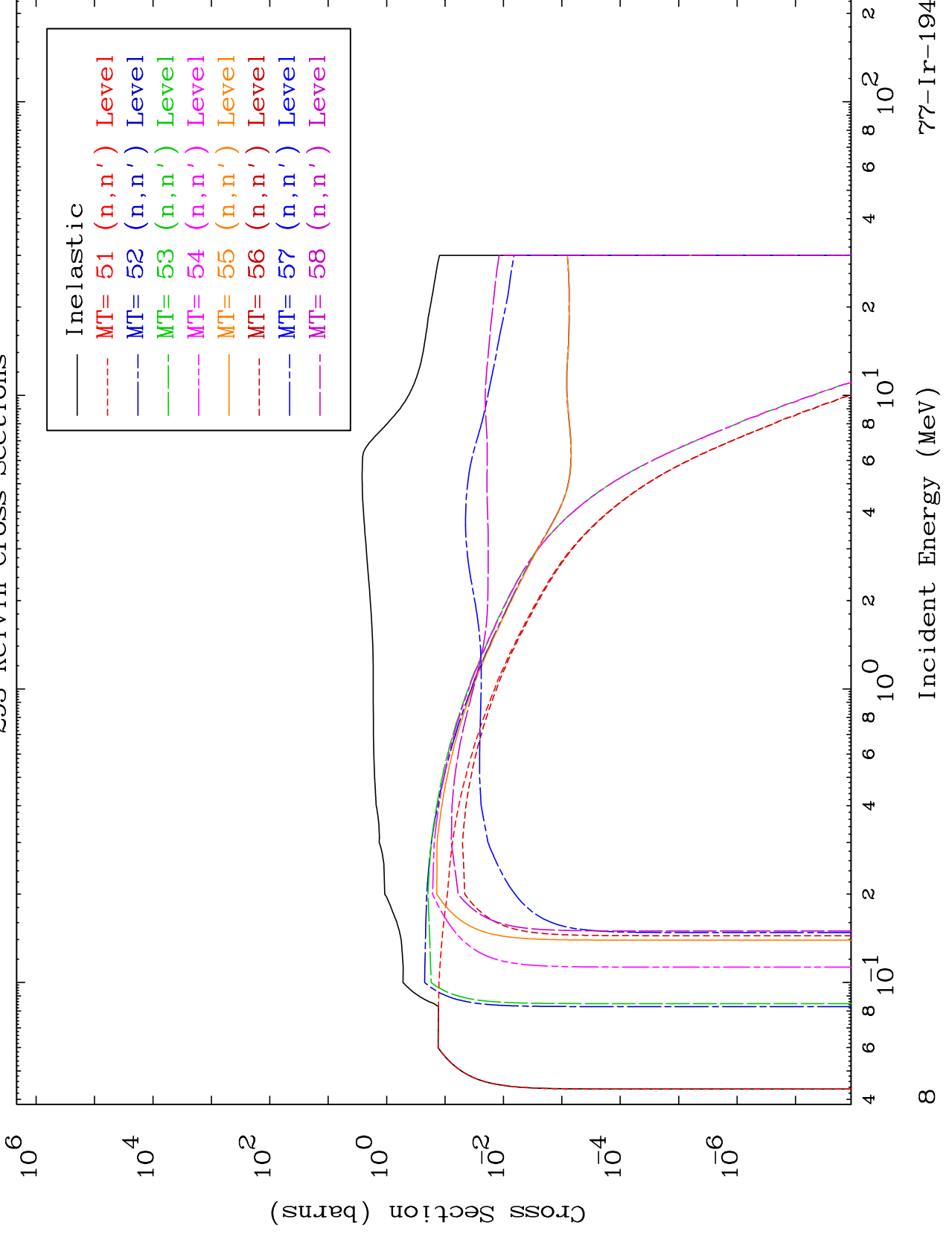


MAT 7734

(n,n') Levels

77-Ir-194

293 Kelvin Cross Sections

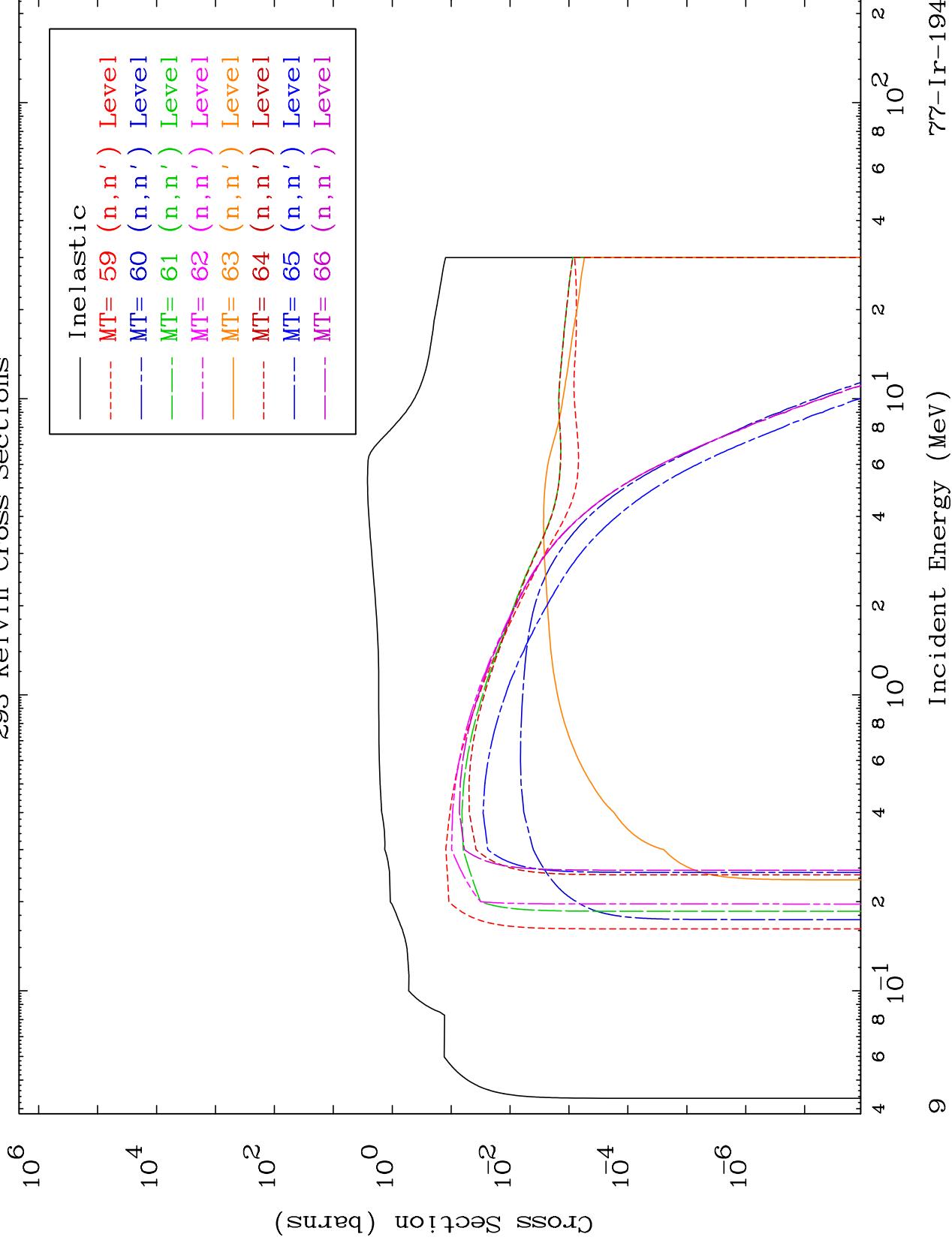


MAT 7734

(n,n') Levels

77-Ir-194

293 Kelvin Cross Sections

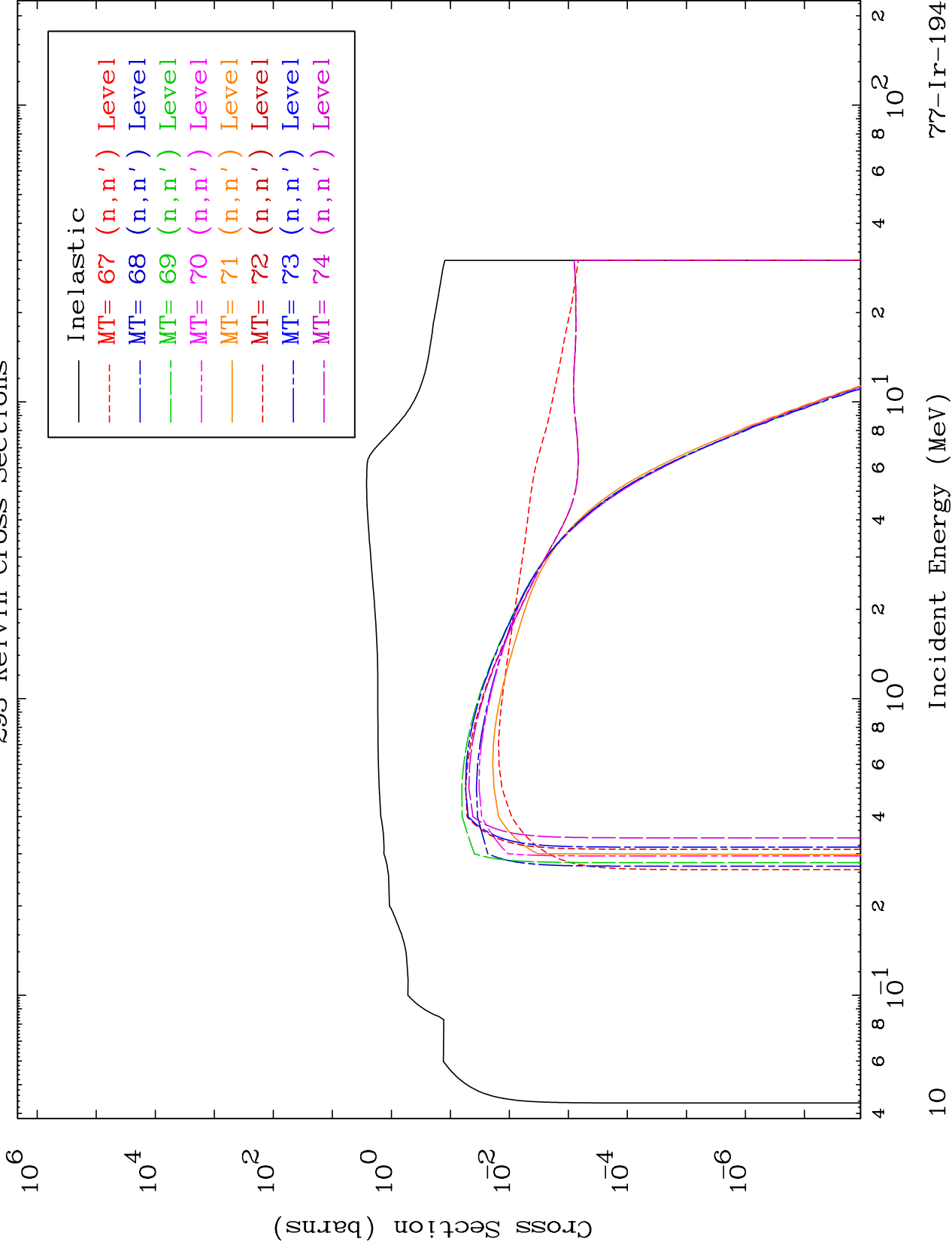


MAT 7734

(n,n') Levels

77-Ir-194

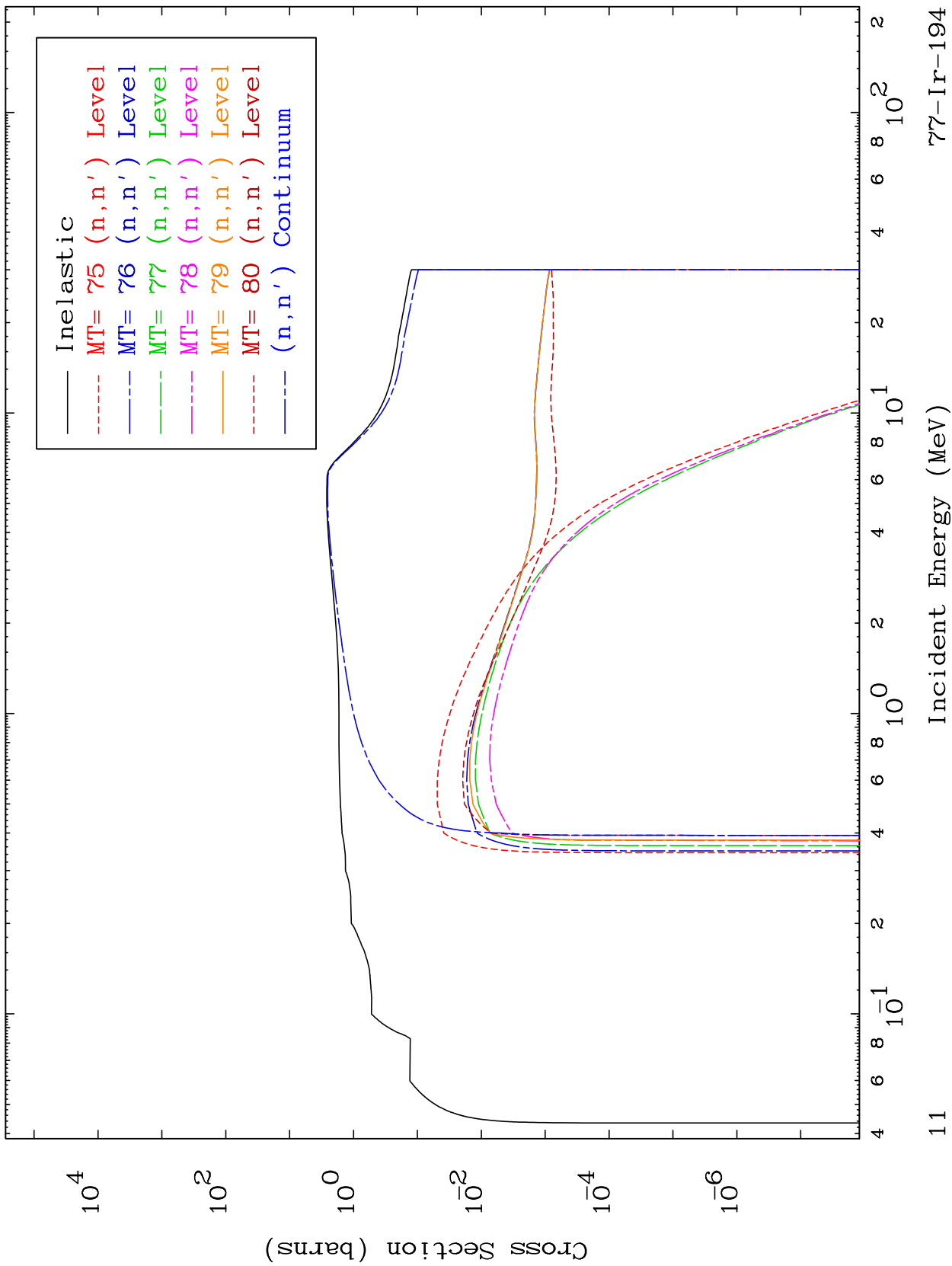
293 Kelvin Cross Sections



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Incident Energy (MeV)

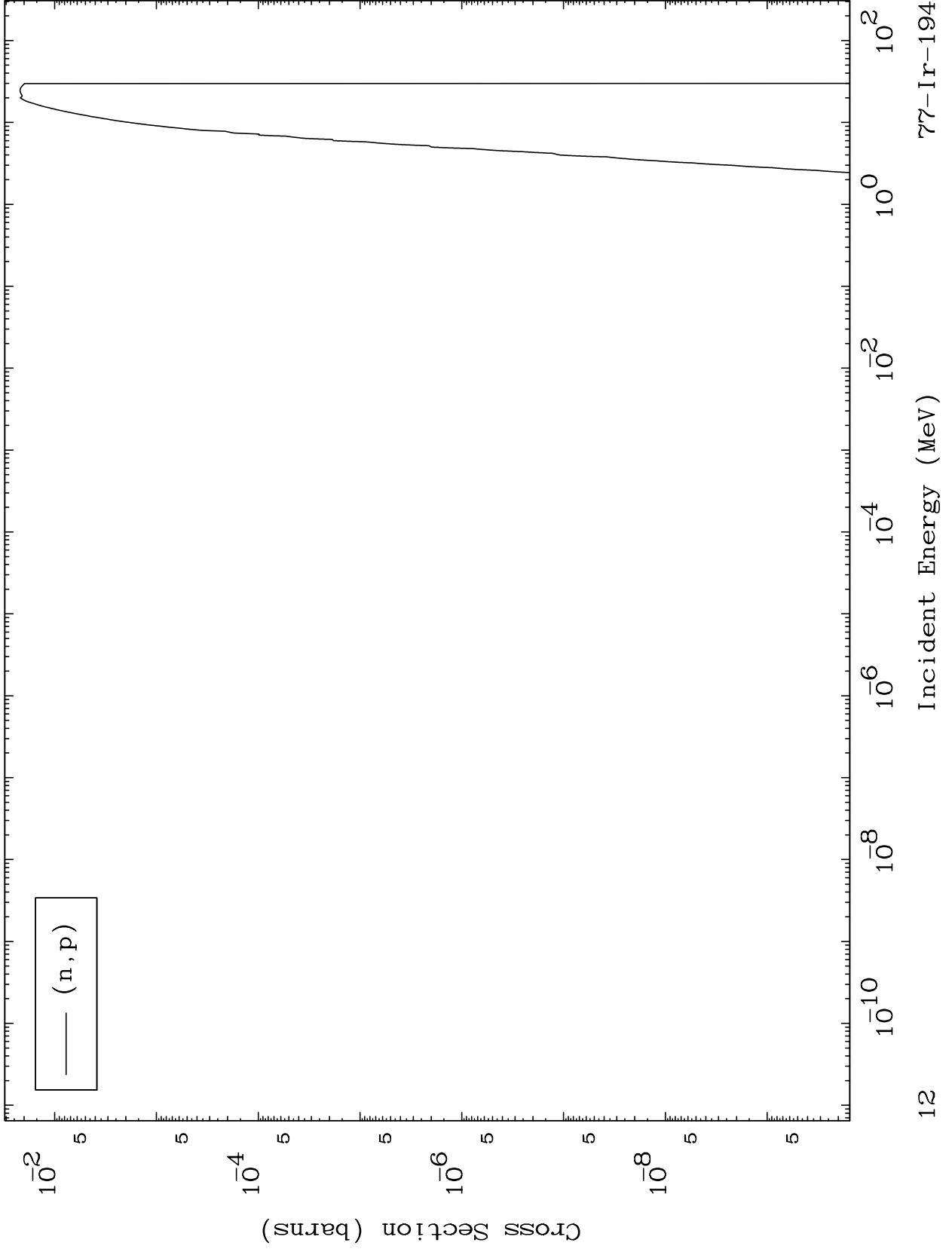
77-Ir-194



MAT 7734

(n,p) Levels
293 Kelvin Cross Sections

77-Ir-194



12

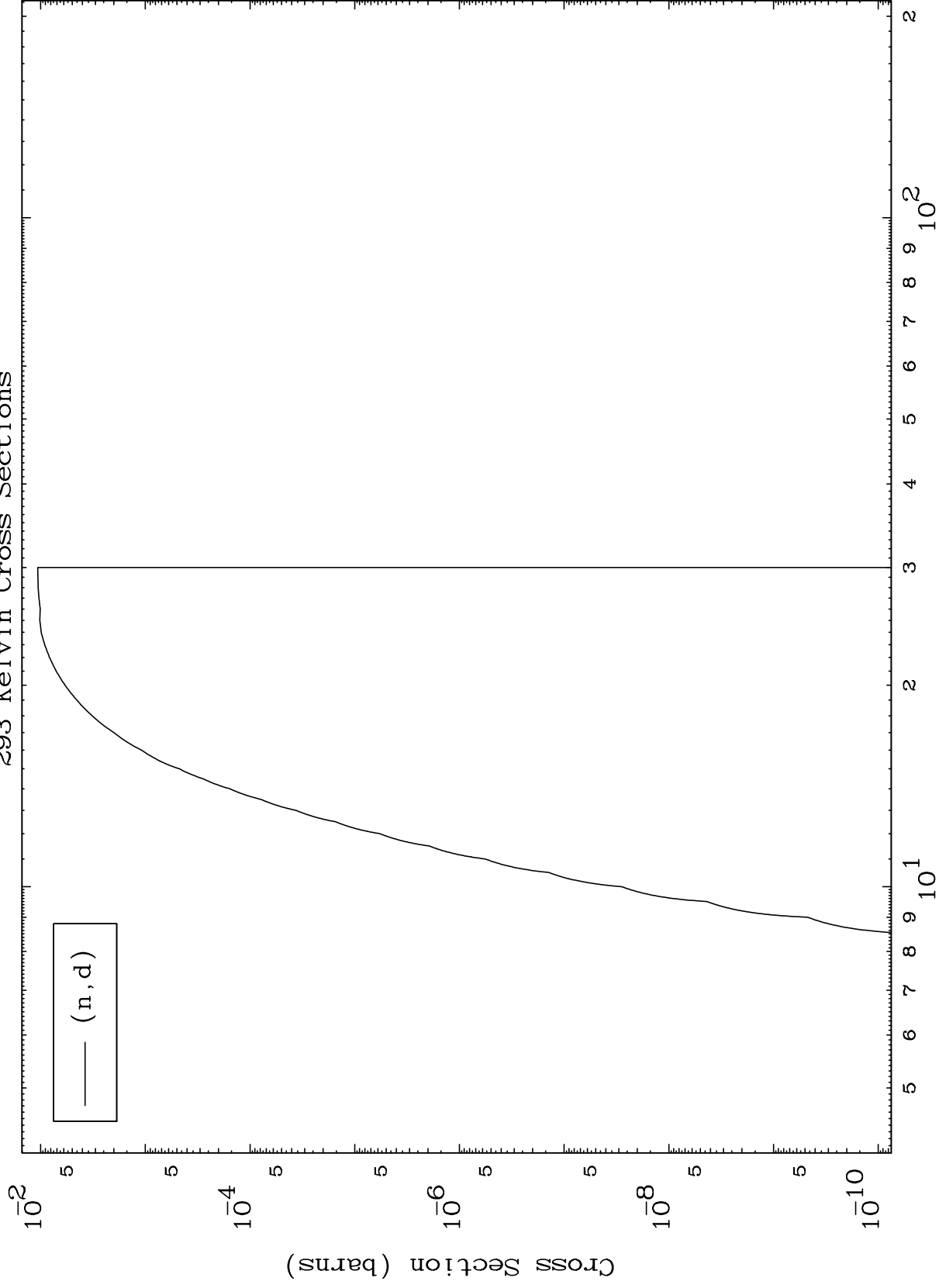
Incident Energy (MeV)

77-Ir-194

MAT 7734

(n,d) Levels
293 Kelvin Cross Sections

77-Ir-194



13

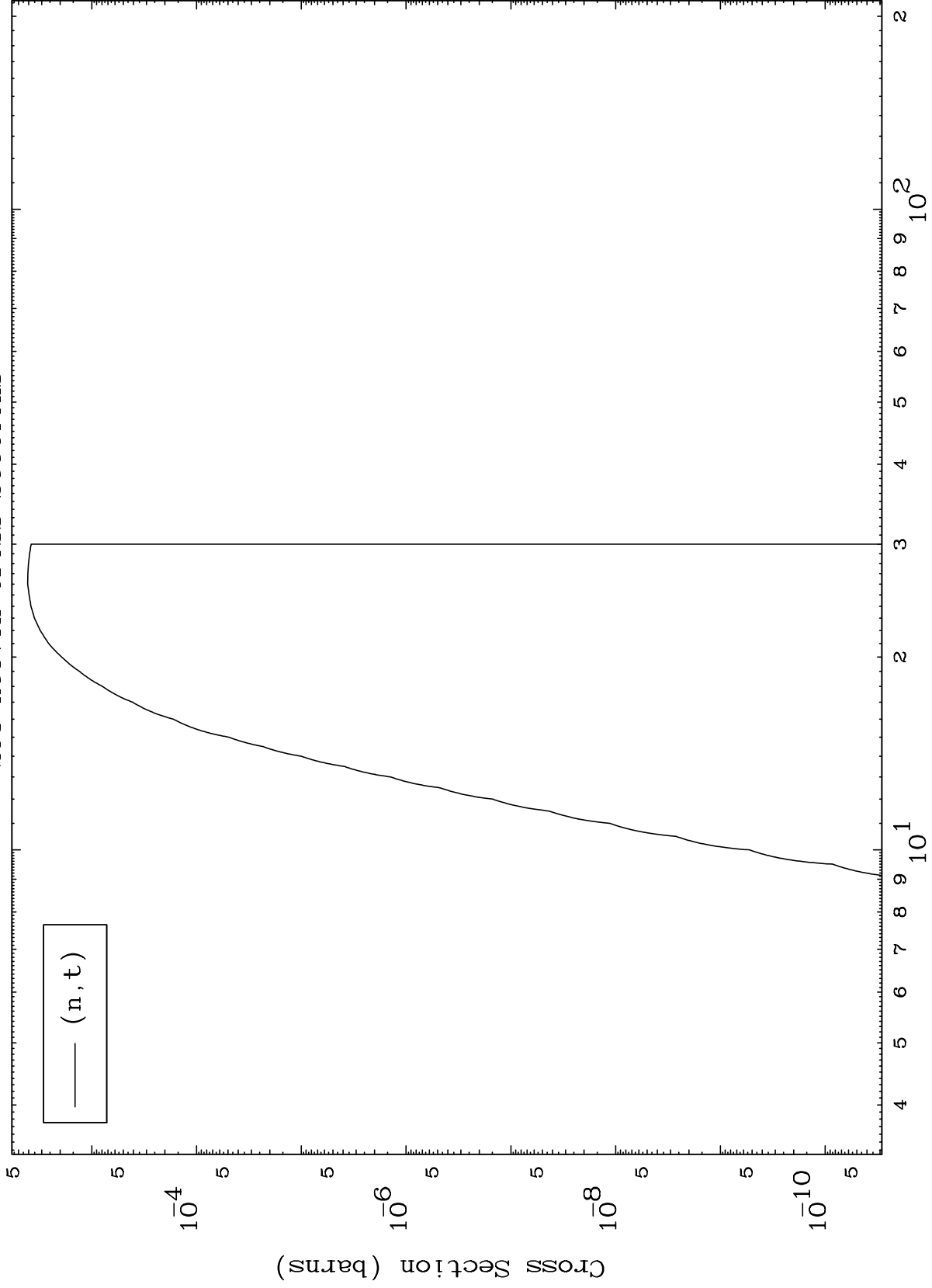
Incident Energy (MeV)

77-Ir-194

MAT 7734

(n,t) Levels
293 Kelvin Cross Sections

77-Ir-194



14

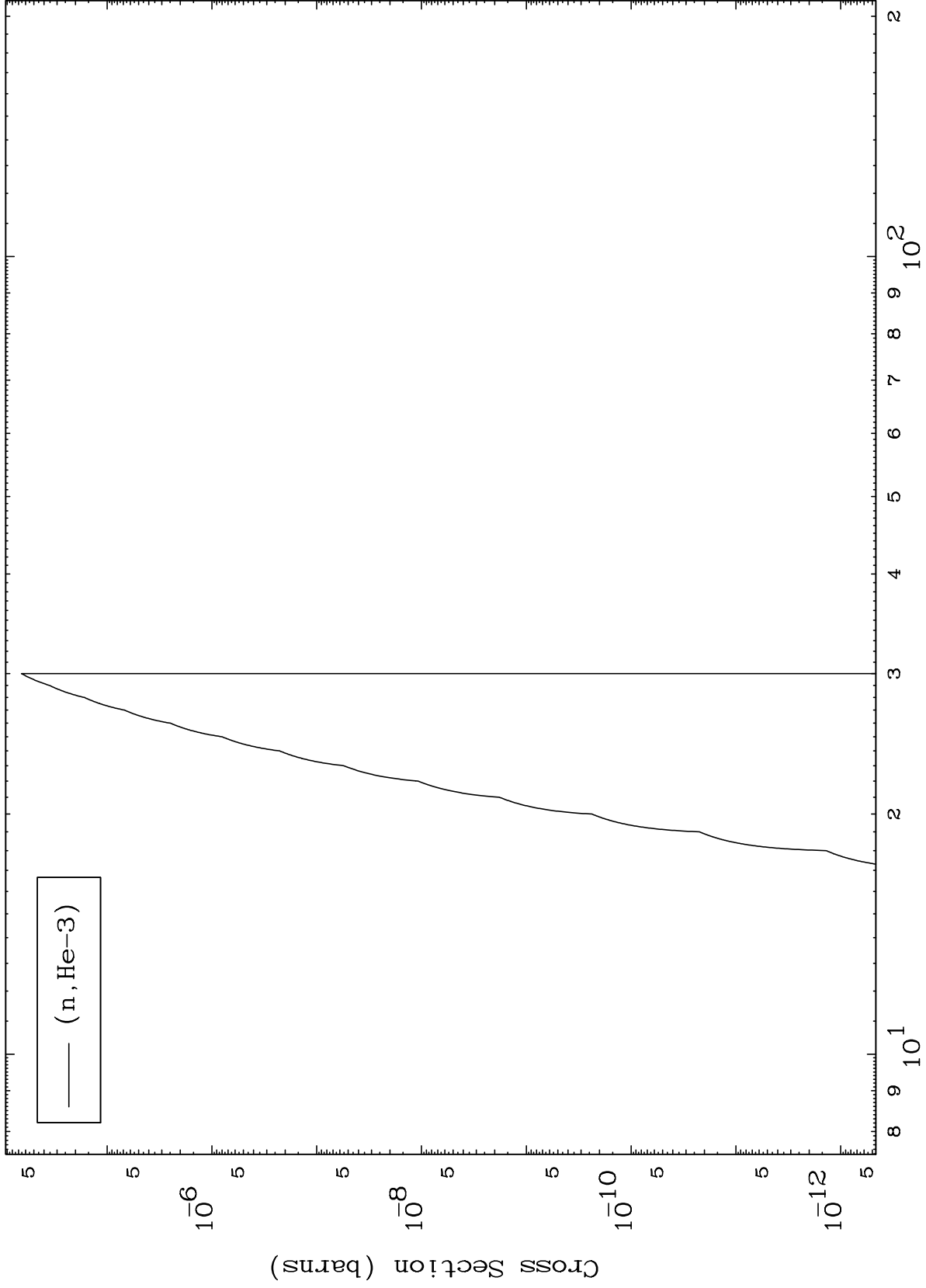
Incident Energy (MeV)

77-Ir-194

MAT 7734

(n,He3) Levels
293 Kelvin Cross Sections

77-Ir-194



15

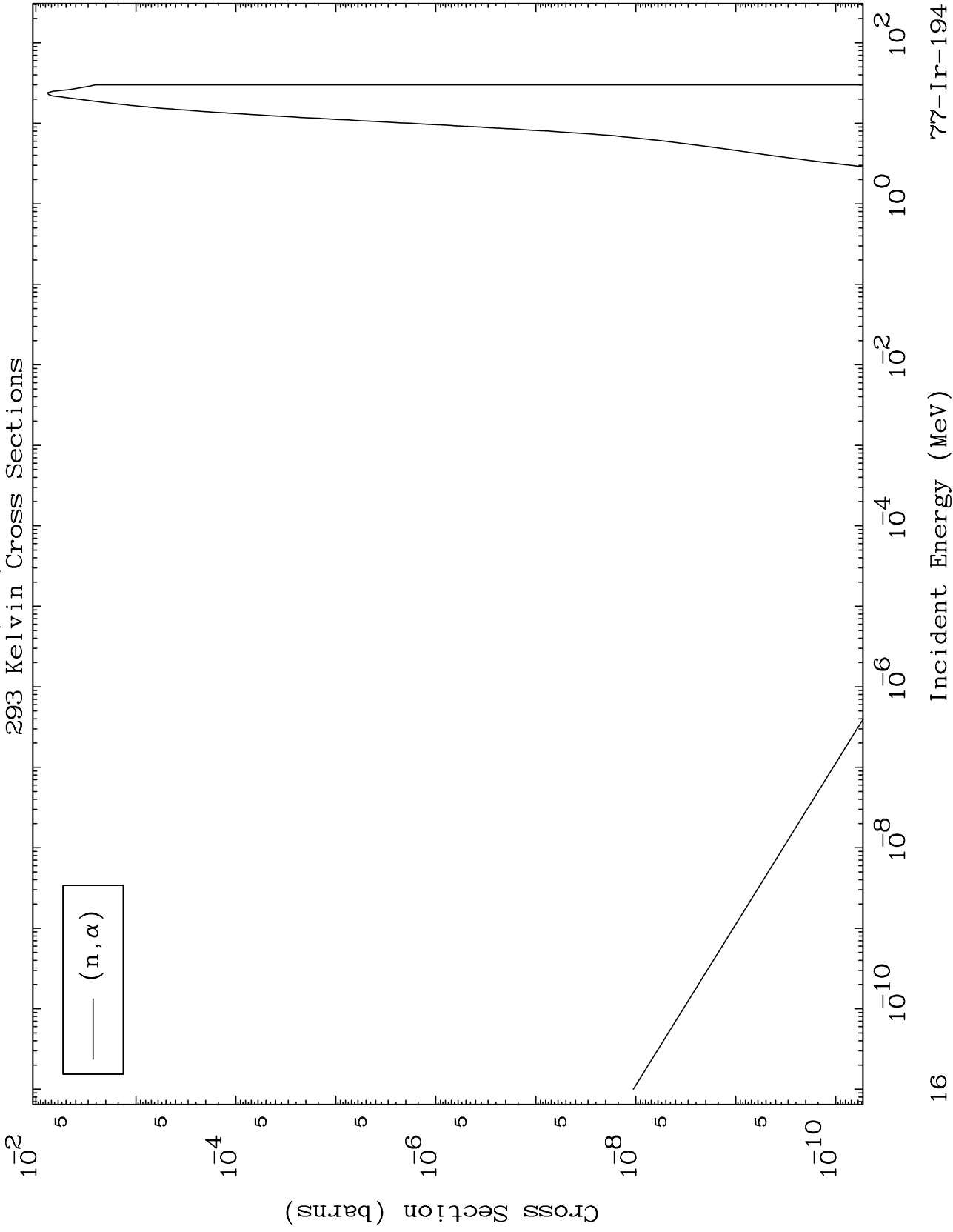
Incident Energy (MeV)

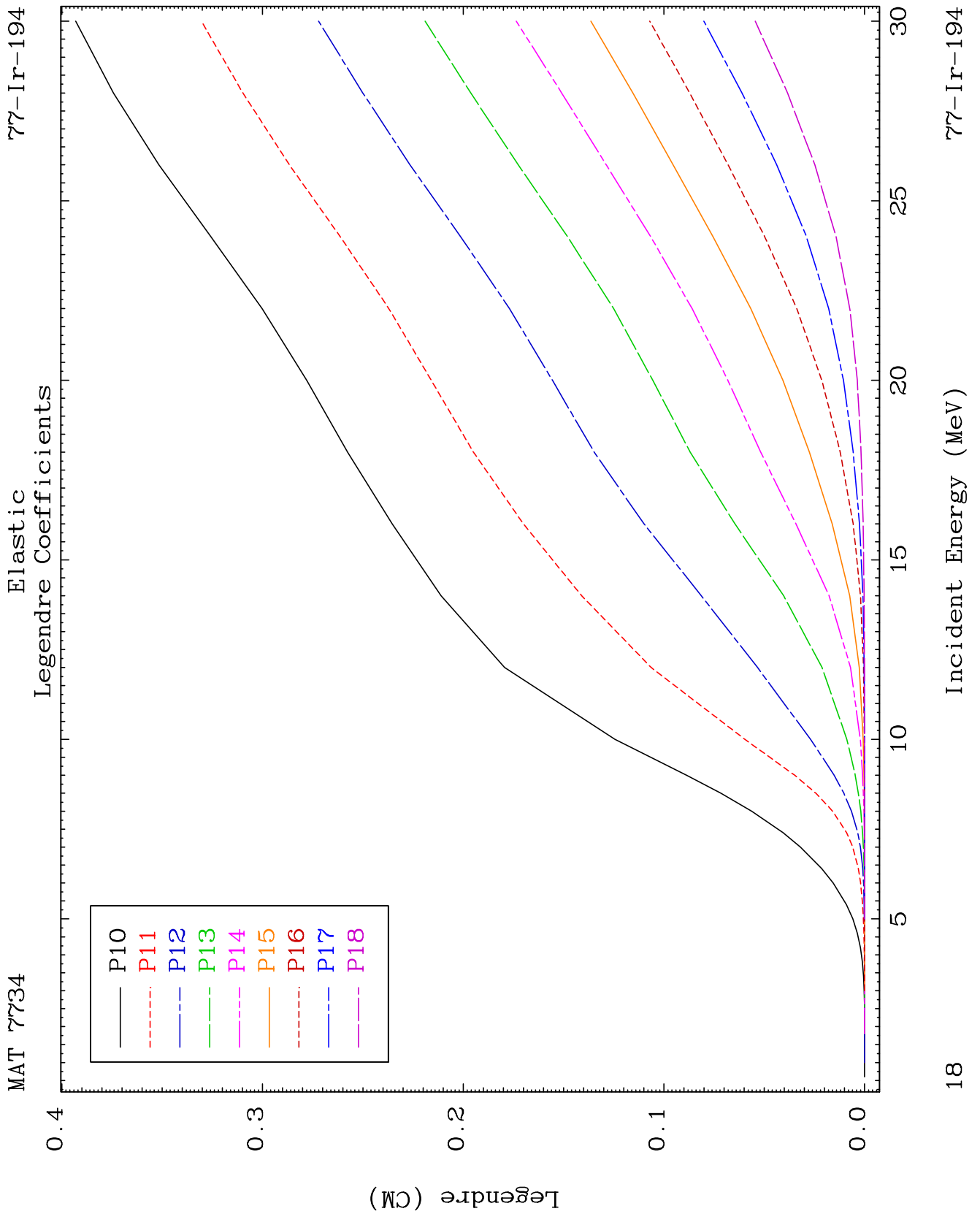
77-Ir-194

MAT 7734

(n, α) Levels
293 Kelvin Cross Sections

77-Ir-194

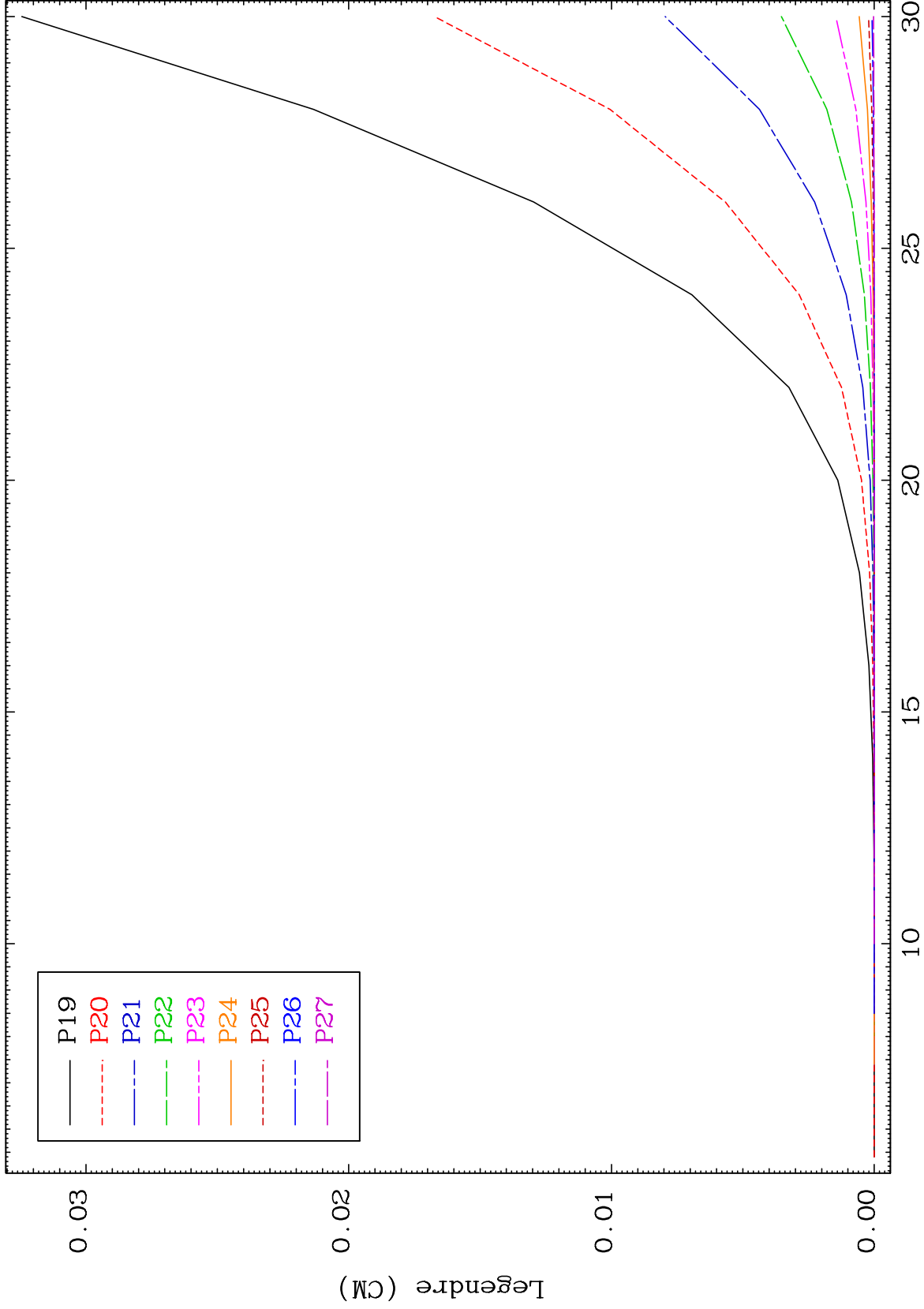




MAT 7734

Elastic Legendre Coefficients

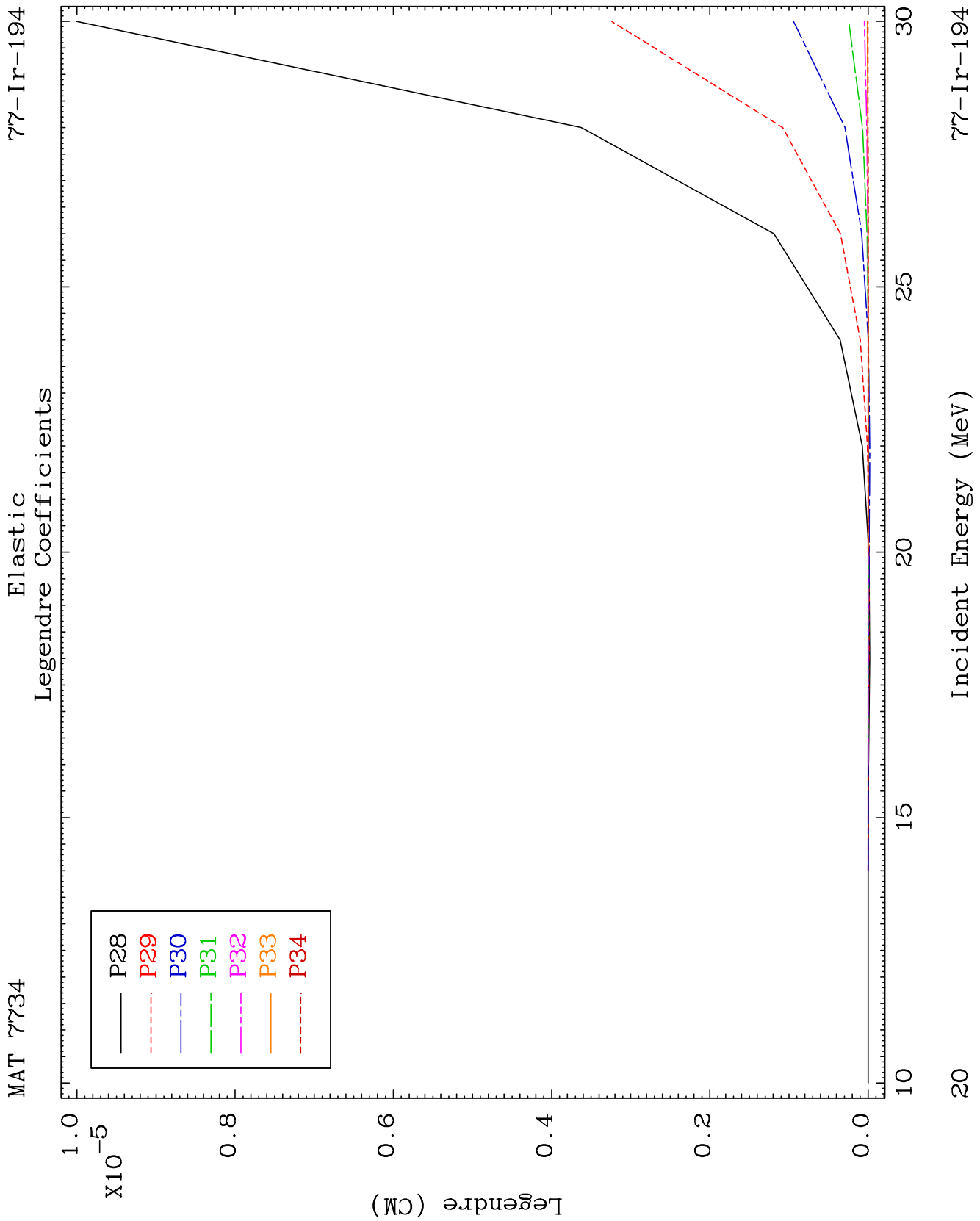
77-Ir-194

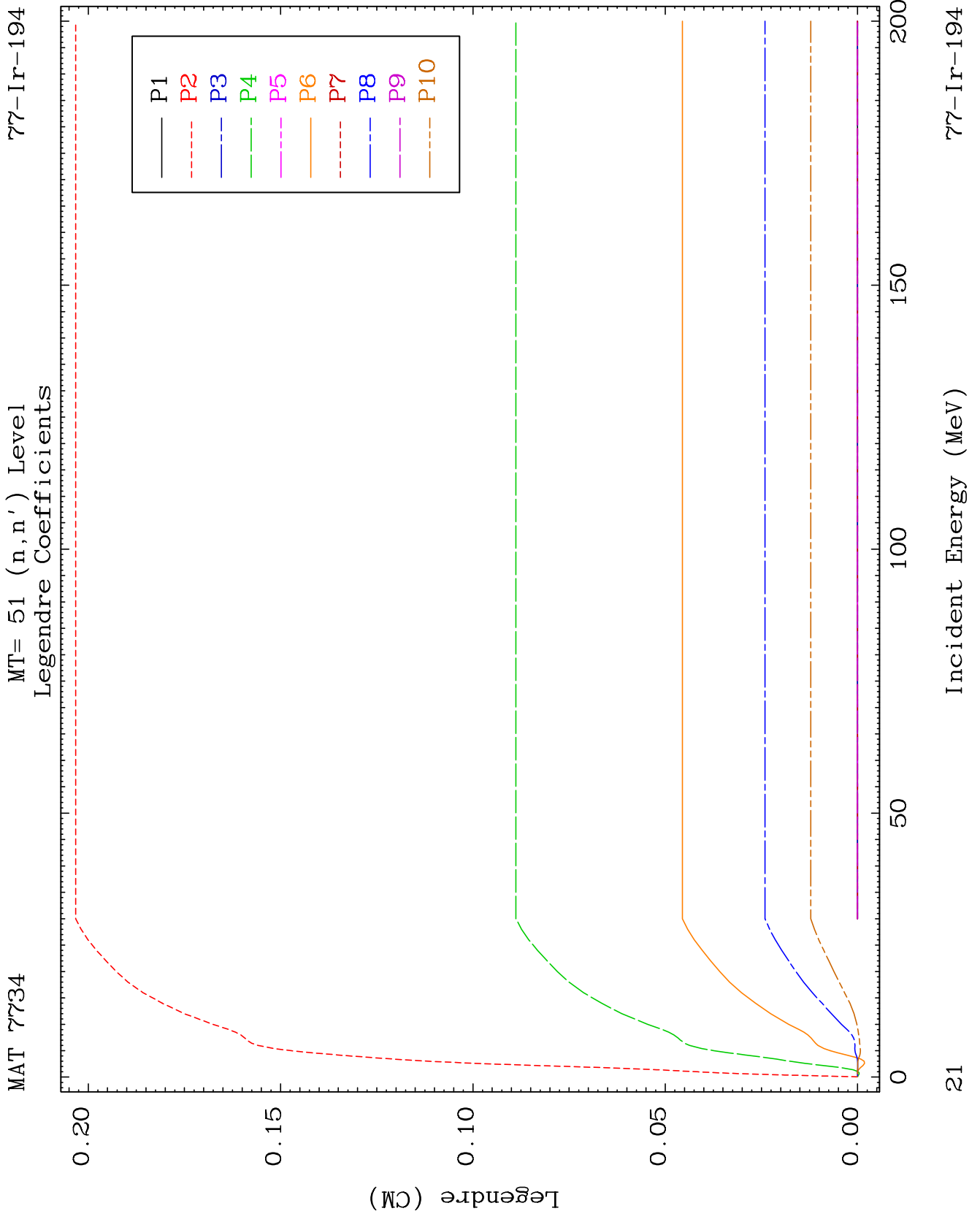


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Incident Energy (MeV)

77-Ir-194

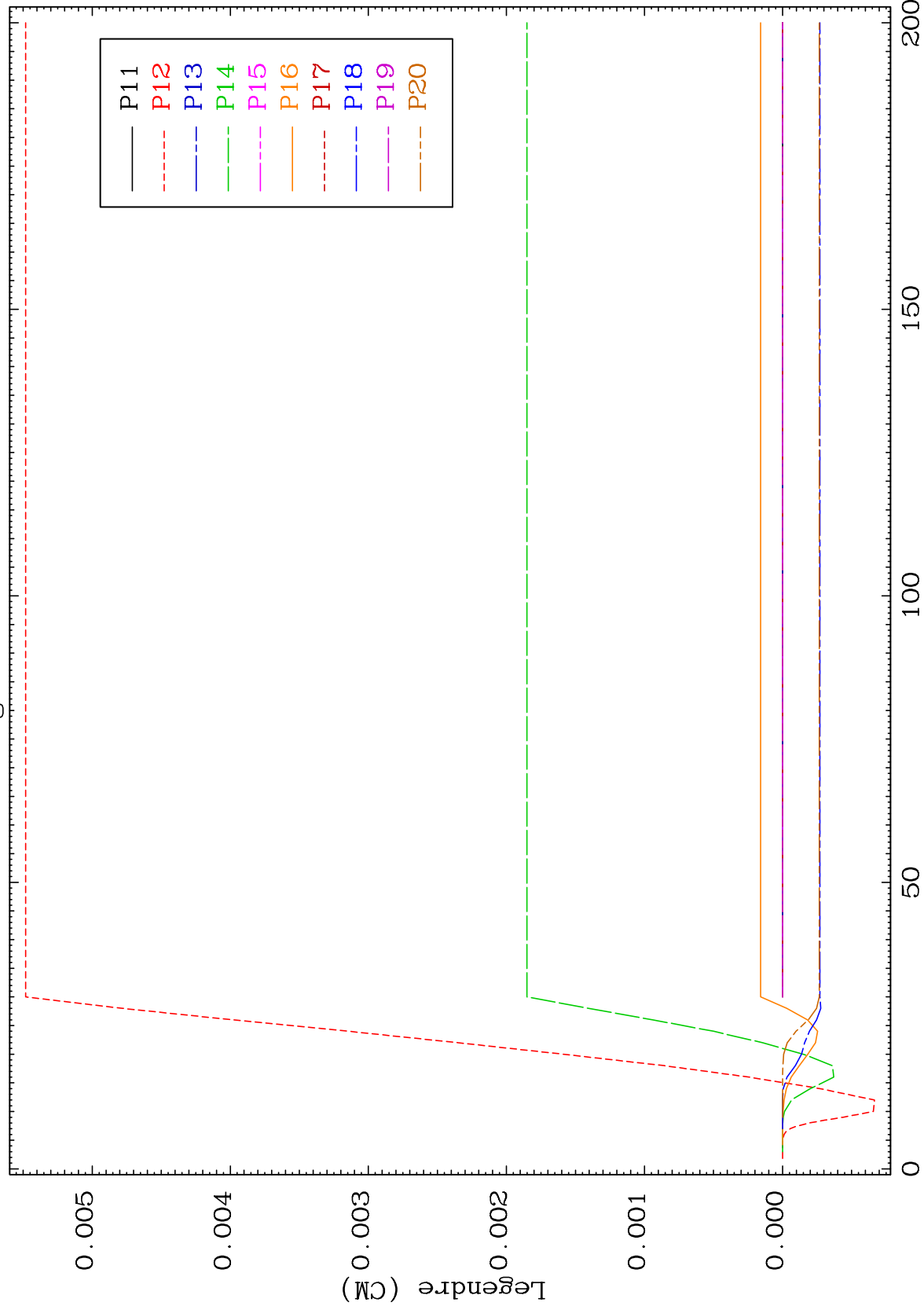




MAT 7734

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

77-Ir-194



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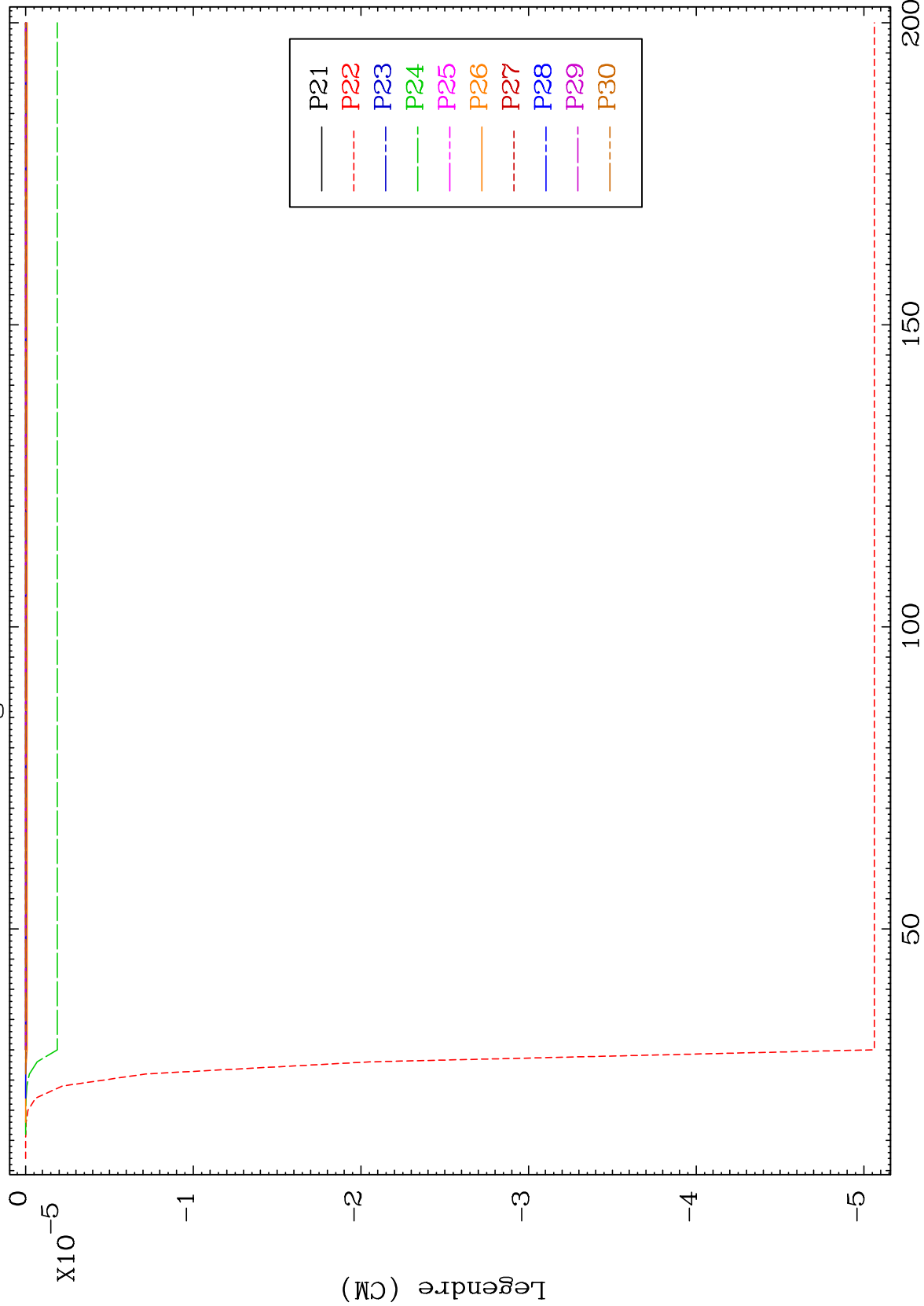
Incident Energy (MeV)

77-Ir-194

MAT 7734

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

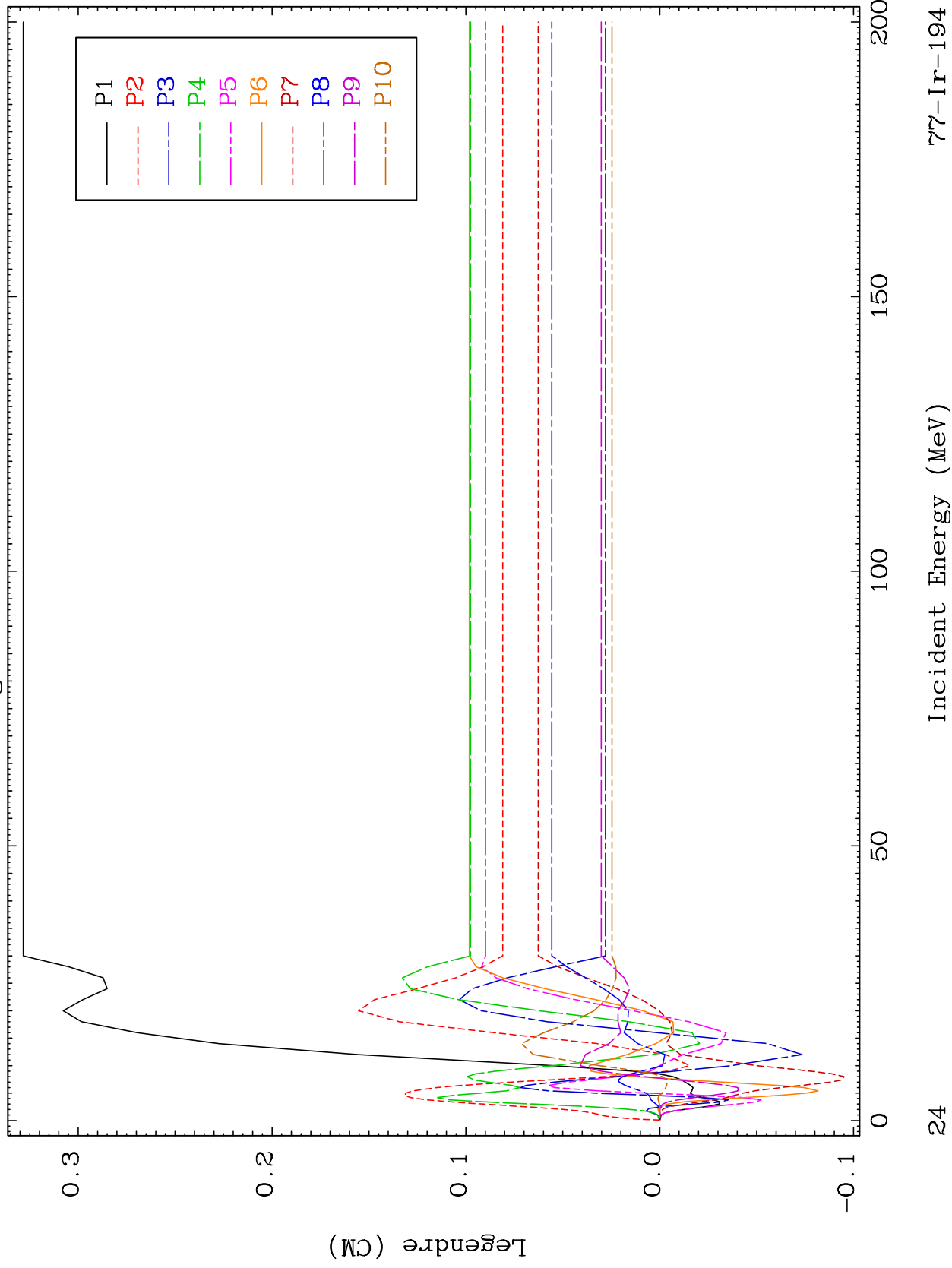
77-Ir-194



MAT 7734

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

77-Ir-194



77-Ir-194

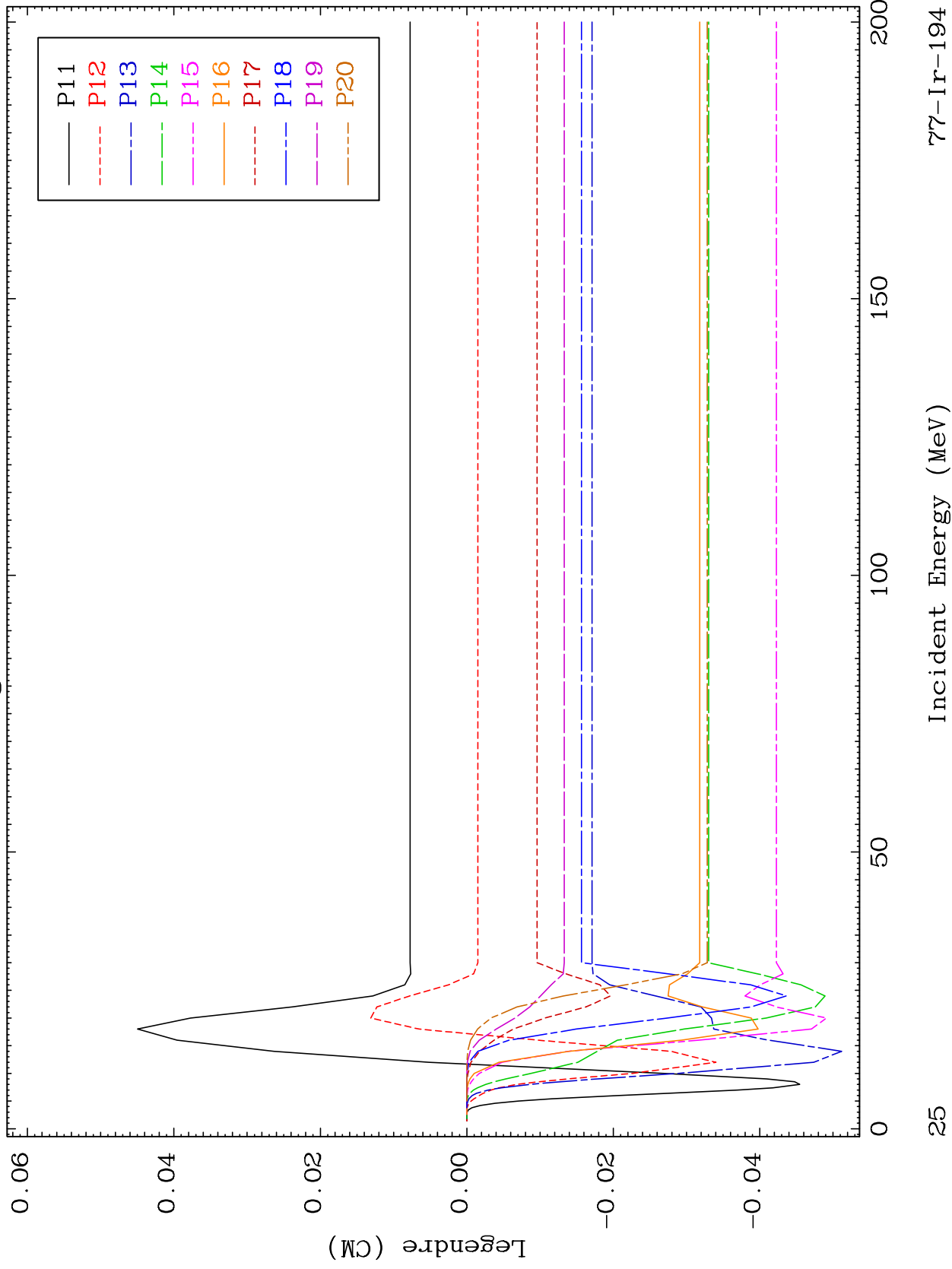
Incident Energy (MeV)

24

MAT 7734

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

77-Ir-194



77-Ir-194

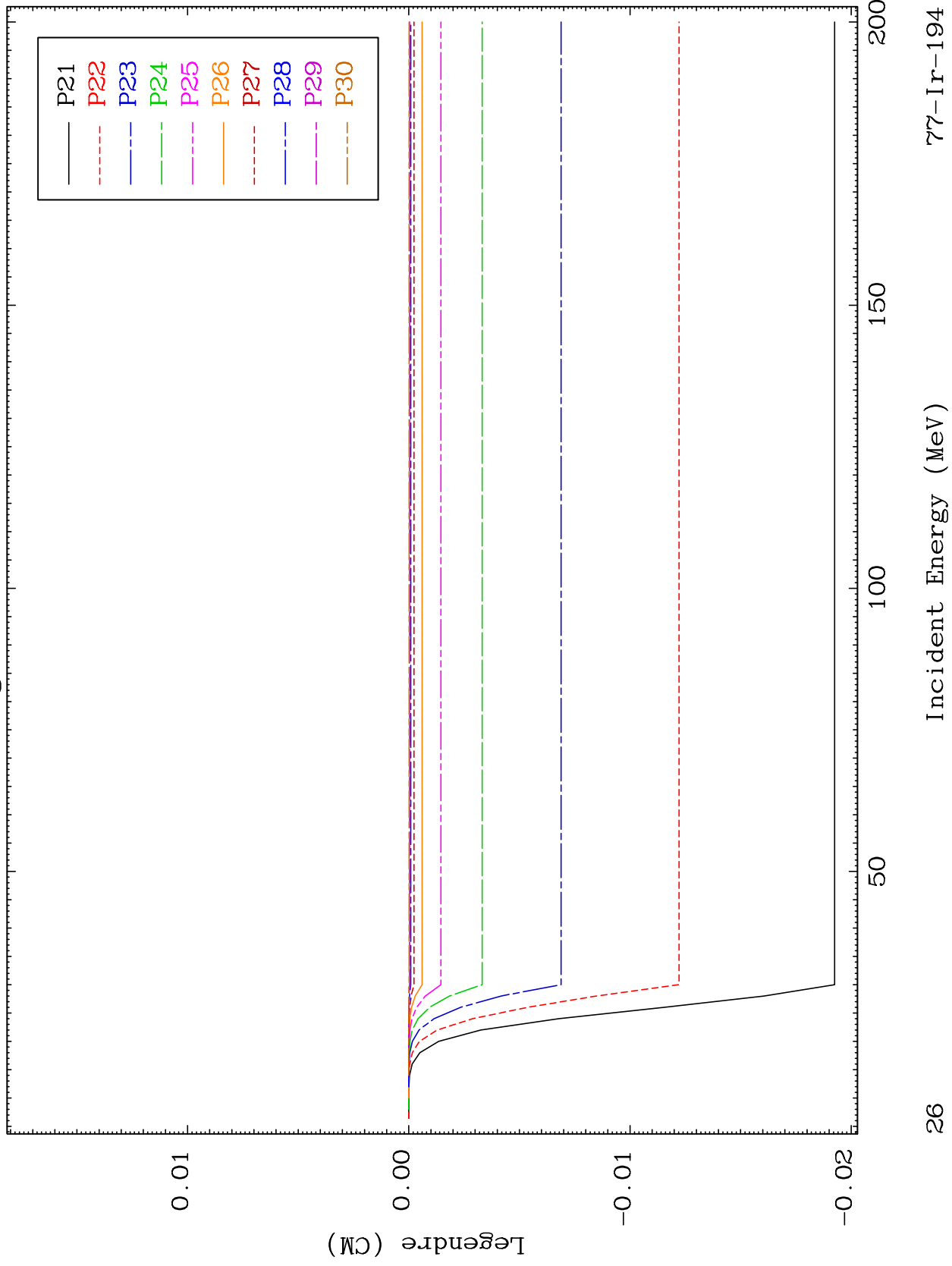
Incident Energy (MeV)

25

MAT 7734

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

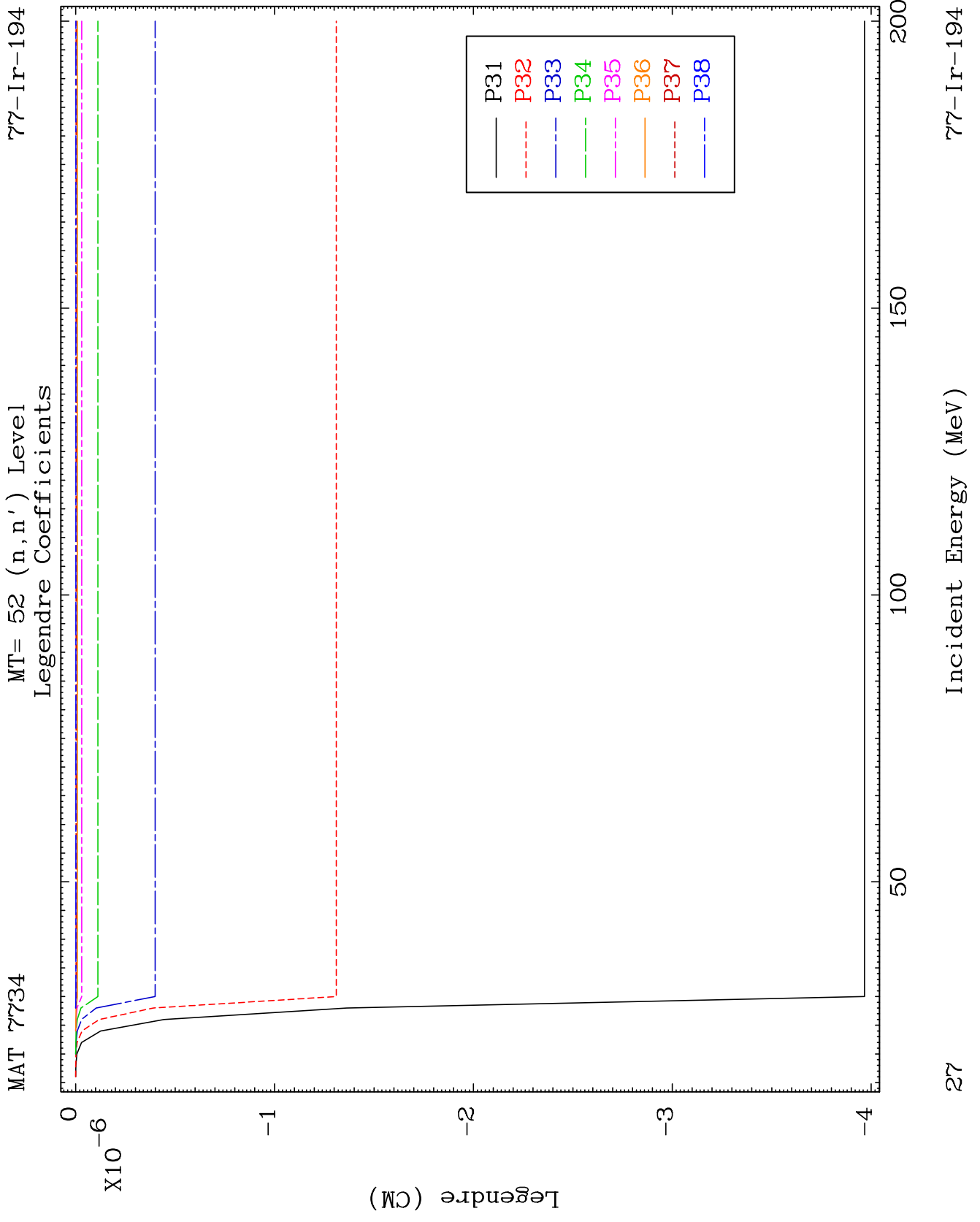
77-Ir-194



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Incident Energy (MeV)

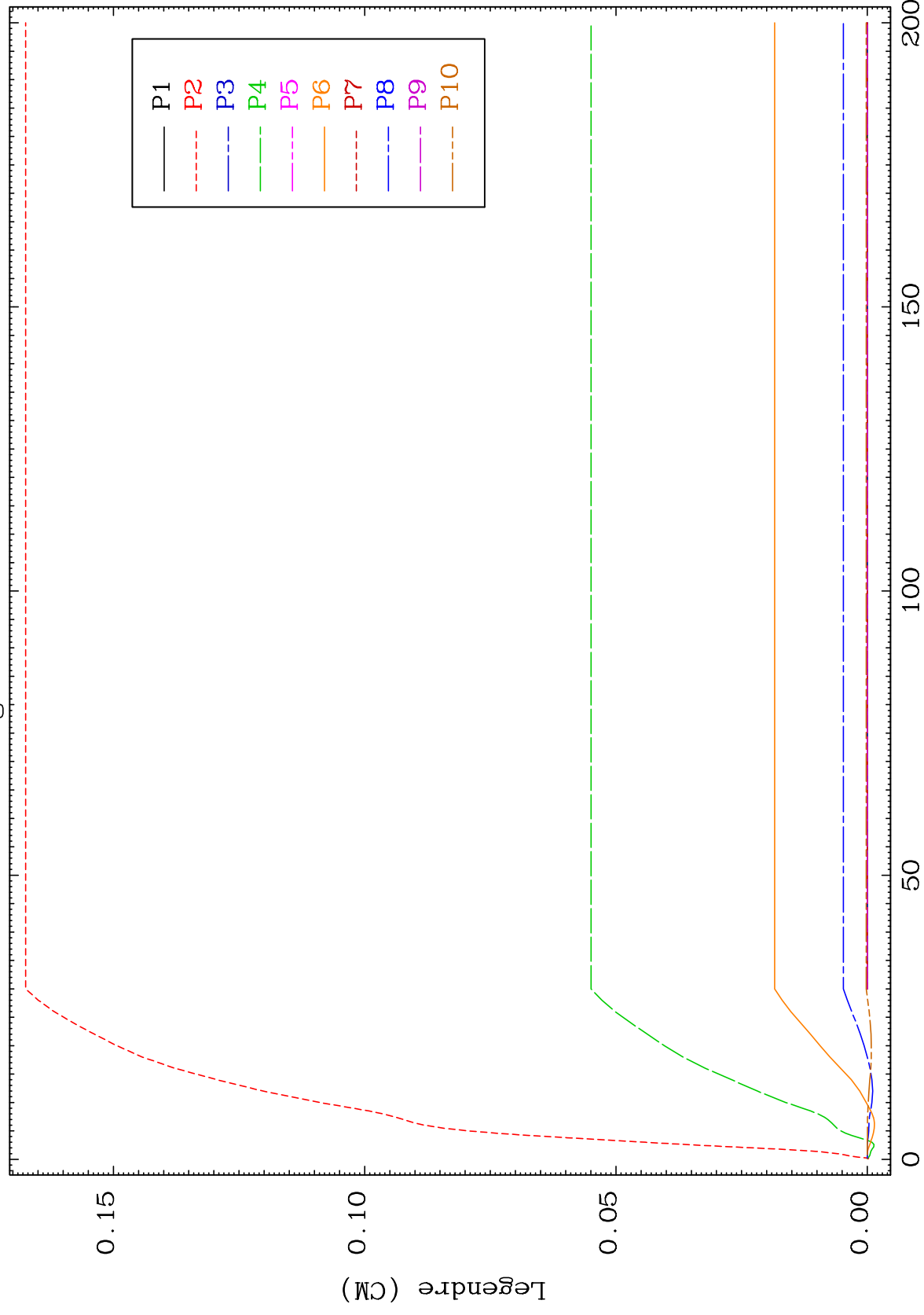
77-Ir-194



MAT 7734

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

77-Ir-194



28

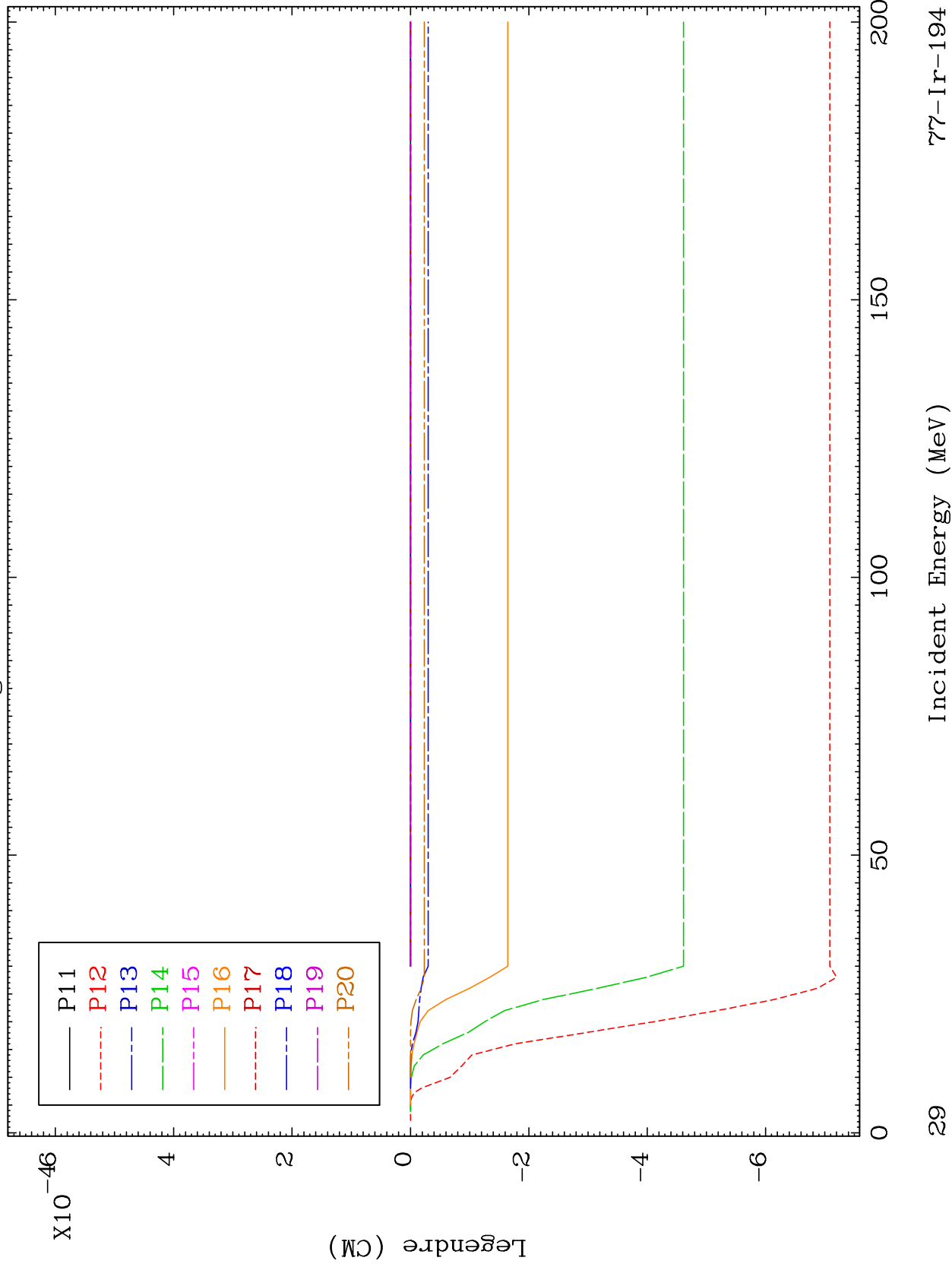
Incident Energy (MeV)

77-Ir-194

MAT 7734

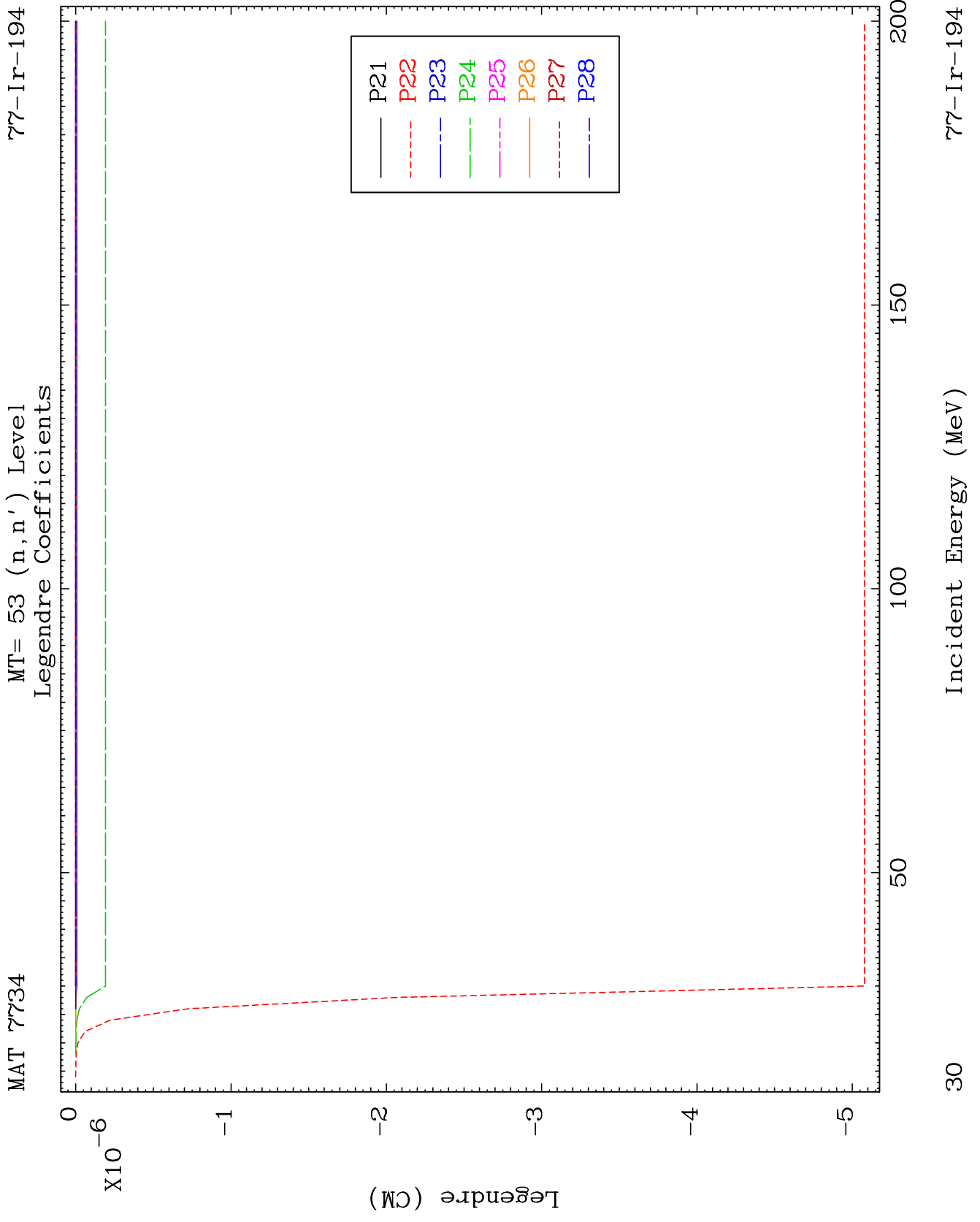
MT= 53 (n,n') Level
Legendre Coefficients

77-Ir-194



29

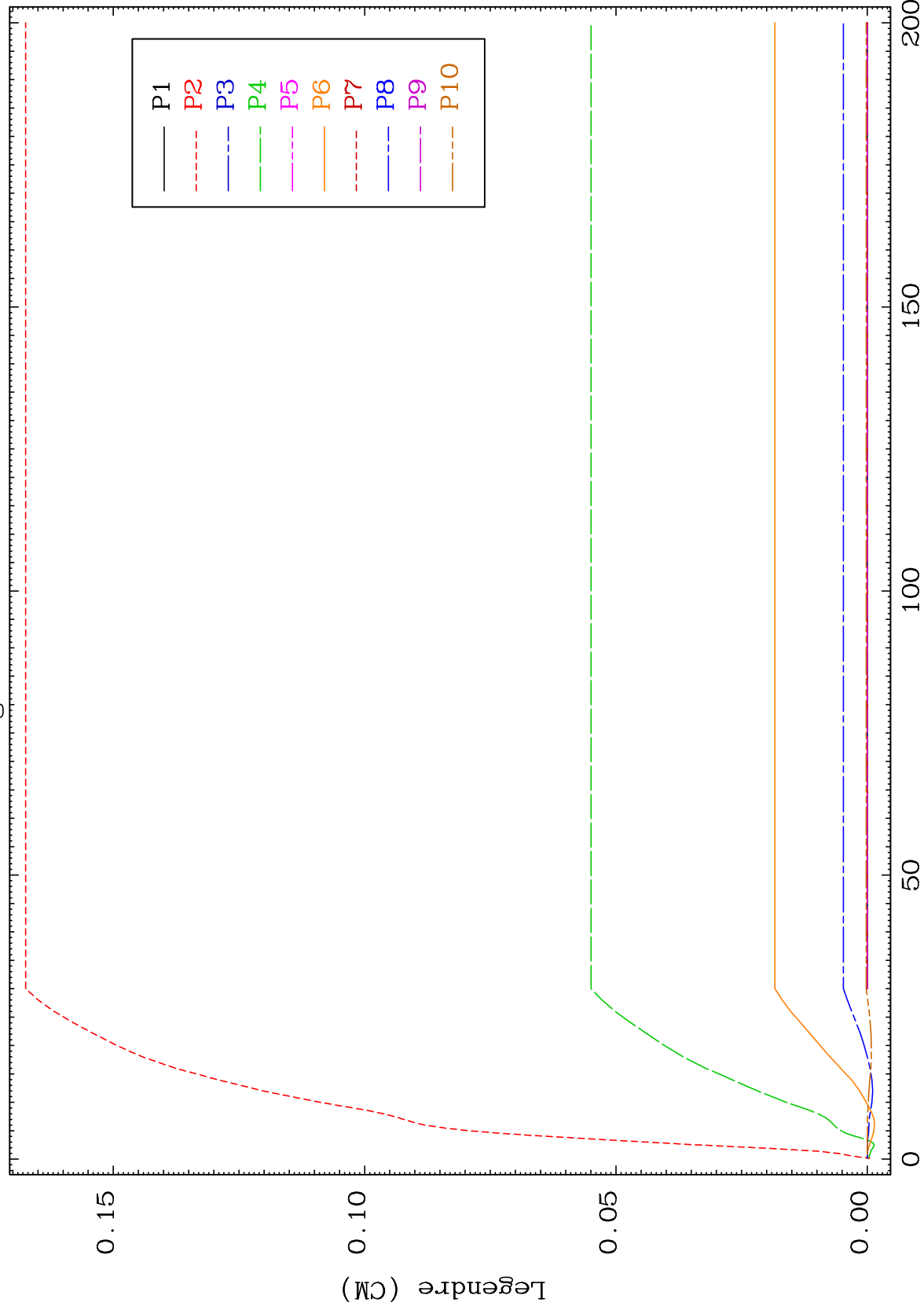
77-Ir-194



MAT 7734

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

77-Ir-194



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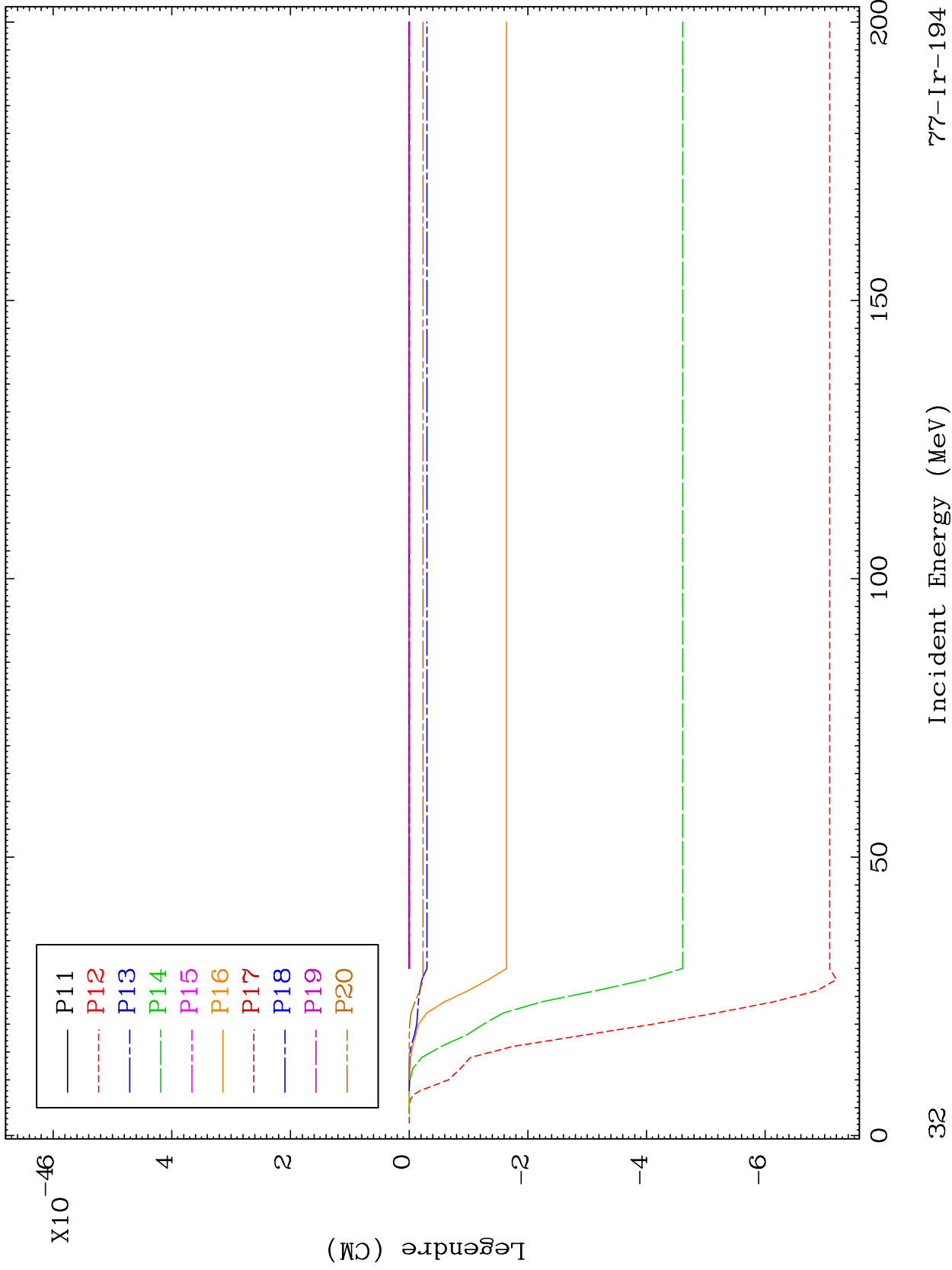
Incident Energy (MeV)

77-Ir-194

MAT 7734

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

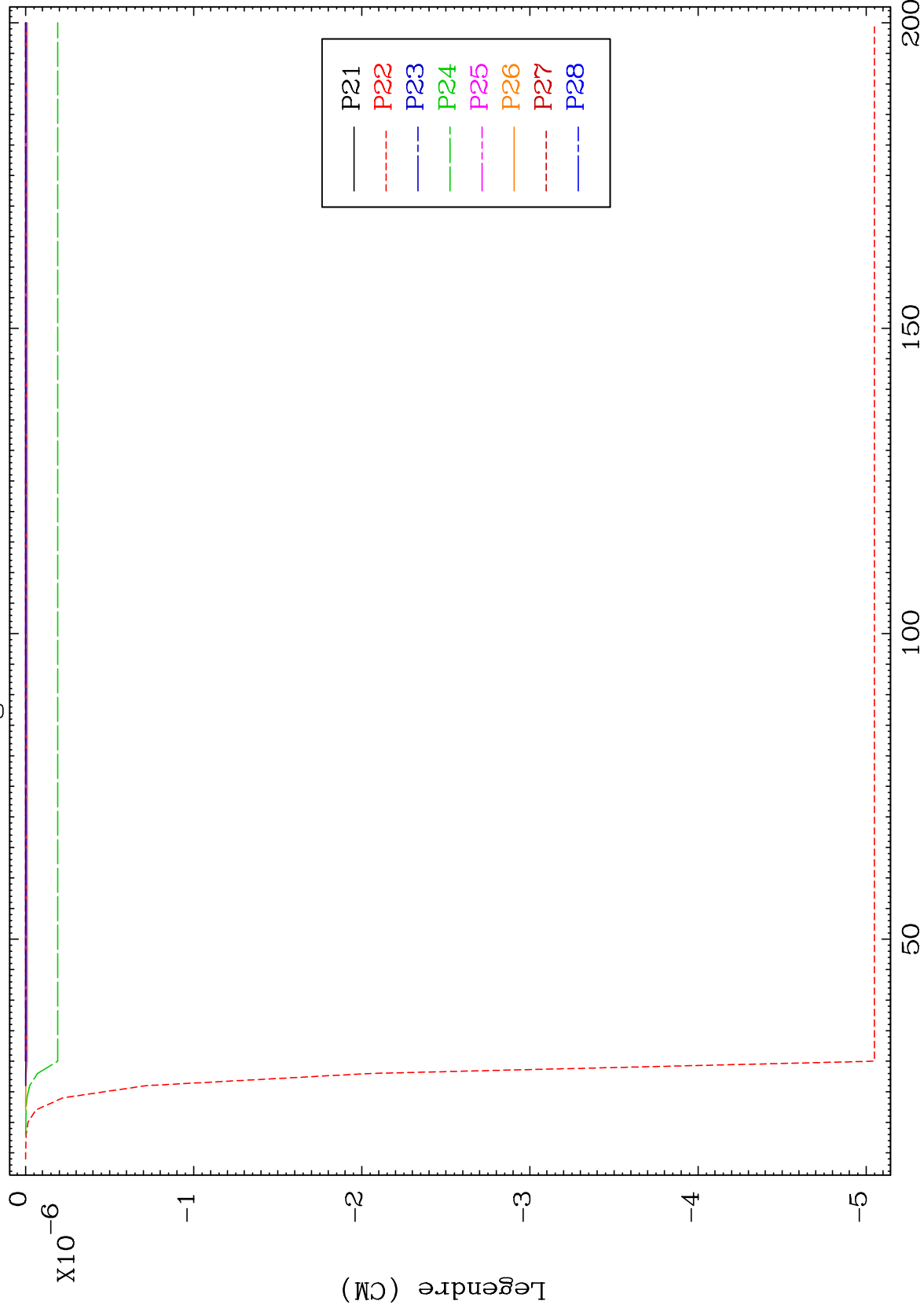
77-Ir-194



MAT 7734

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

77-Ir-194



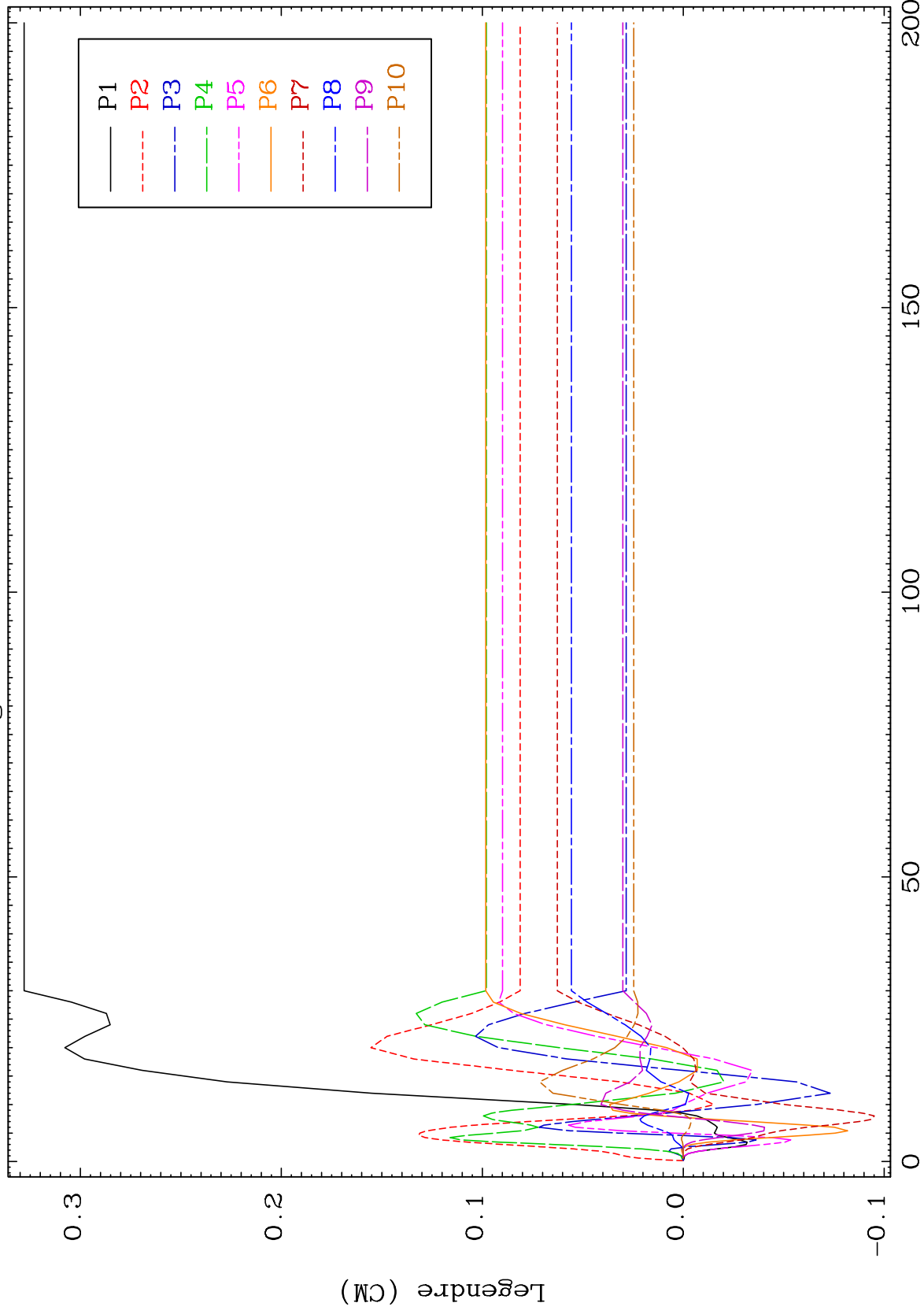
33

77-Ir-194

MAT 7734

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

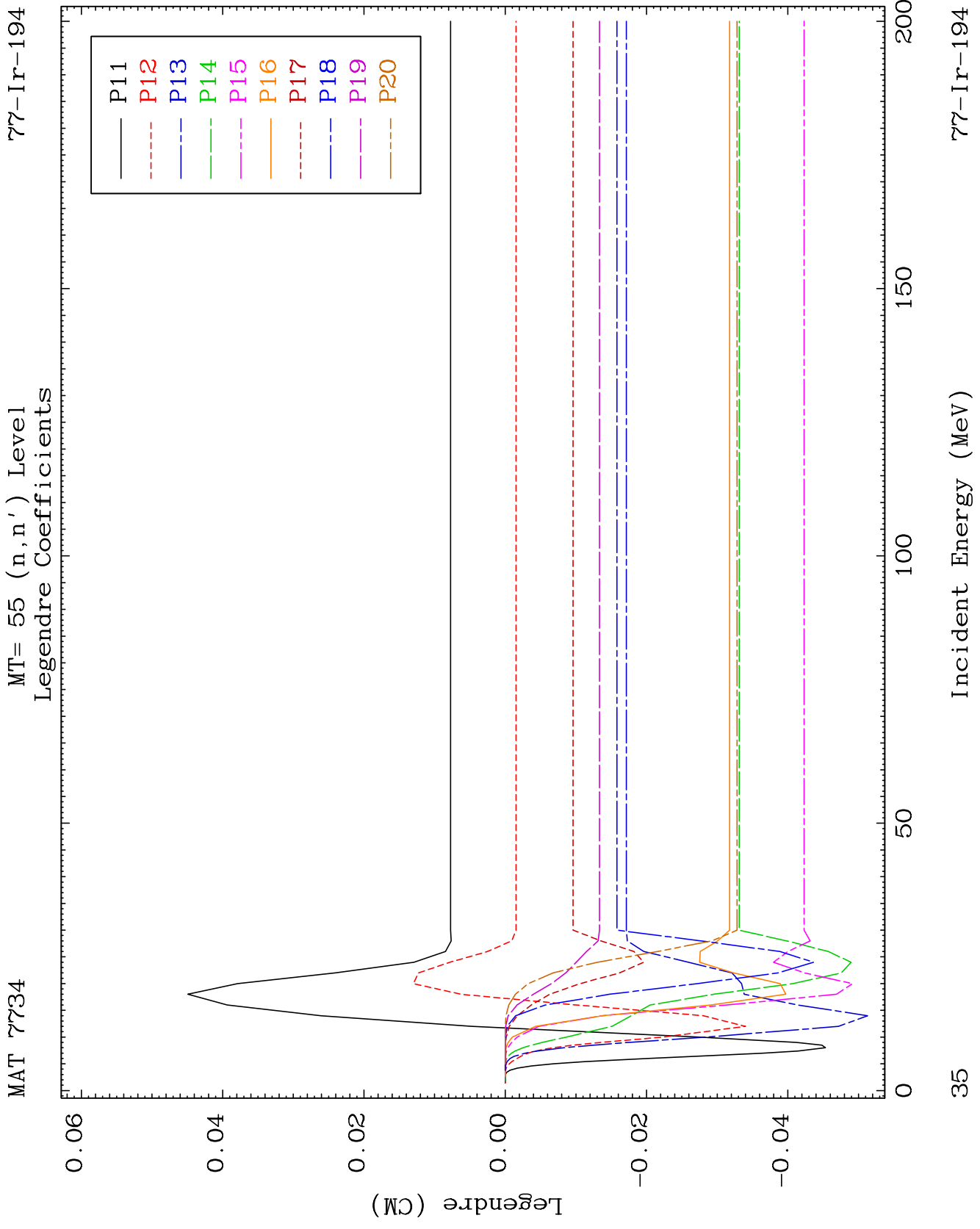
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34

Incident Energy (MeV)

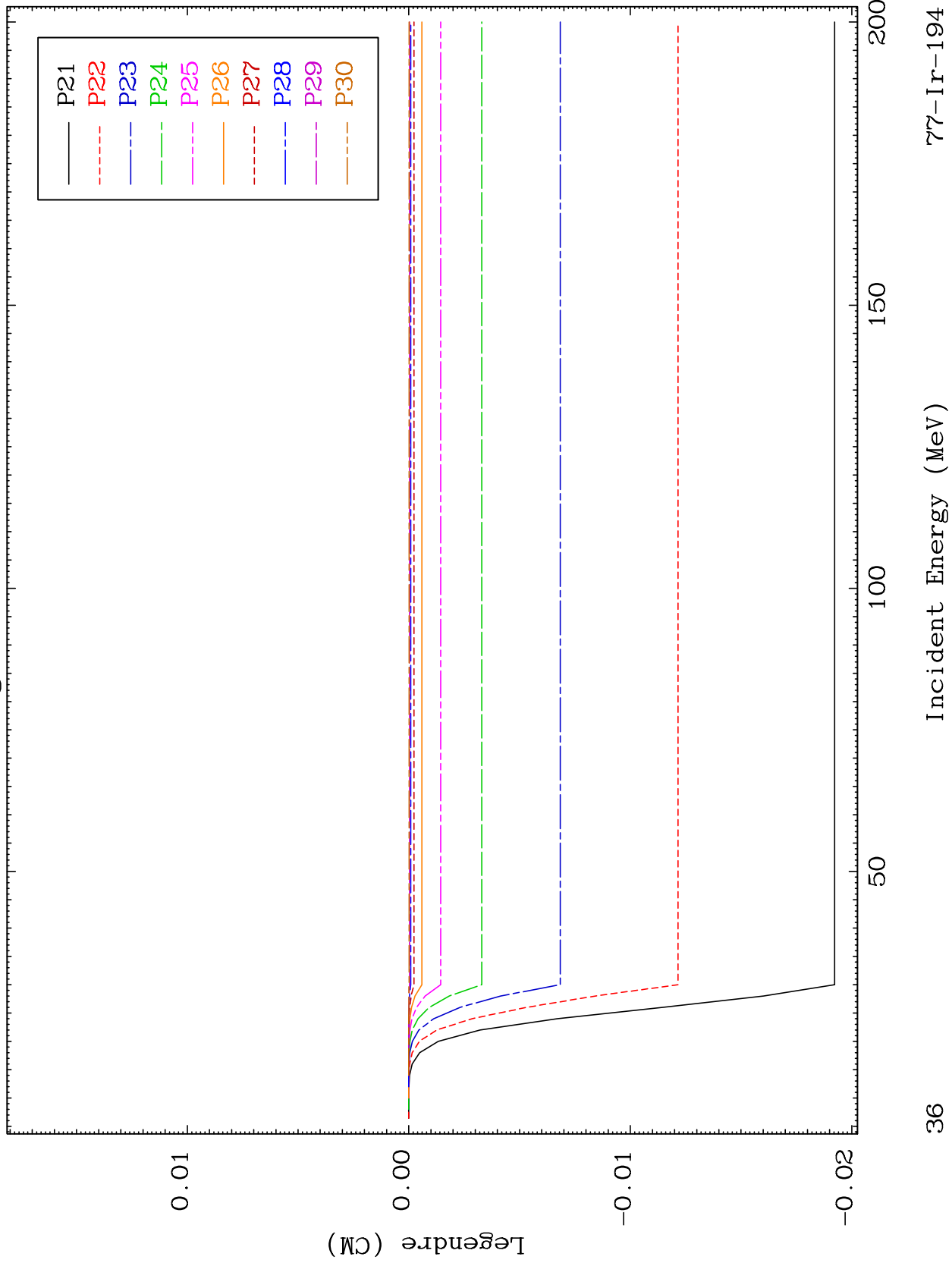
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MAT 7734

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

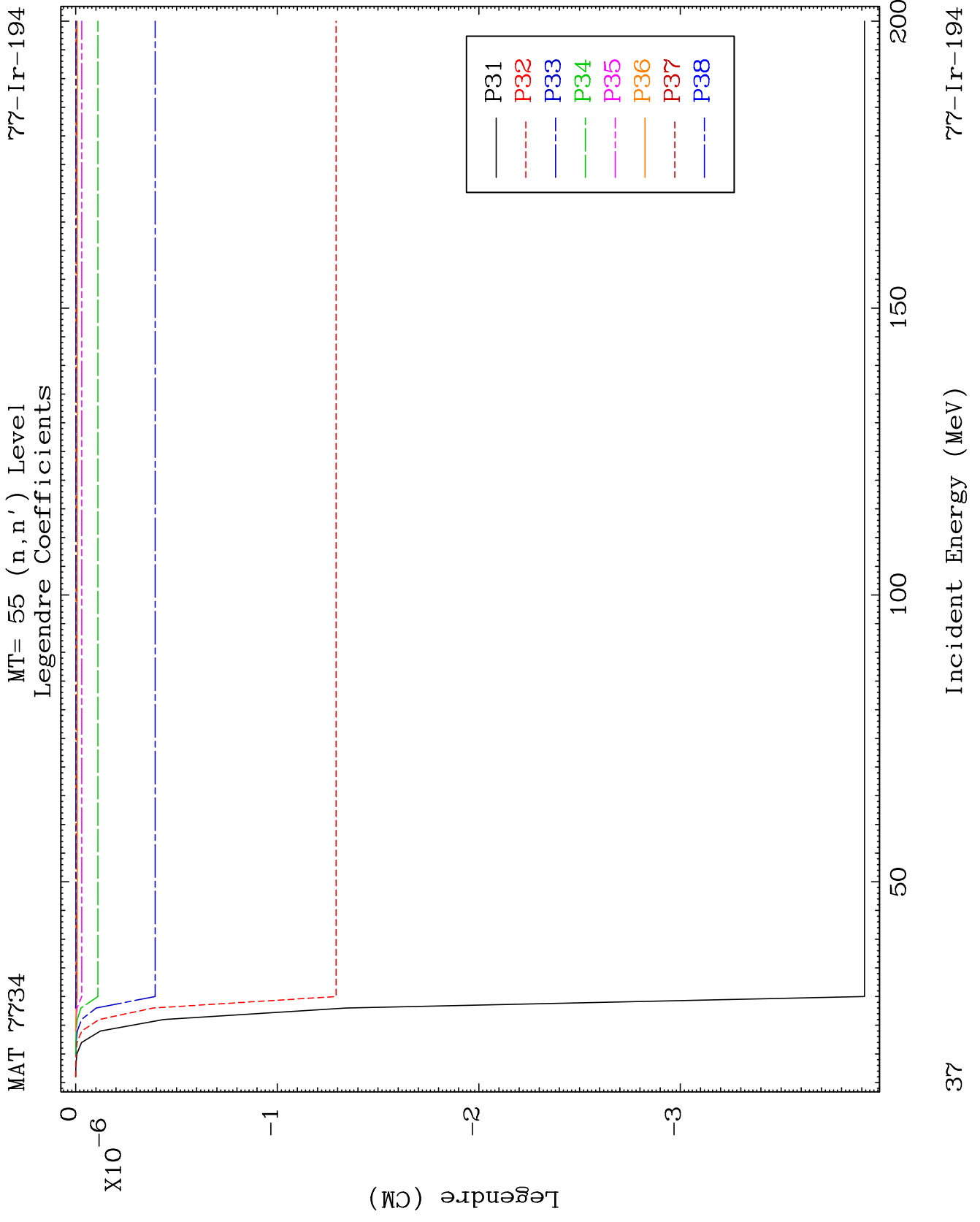
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36

Incident Energy (MeV)

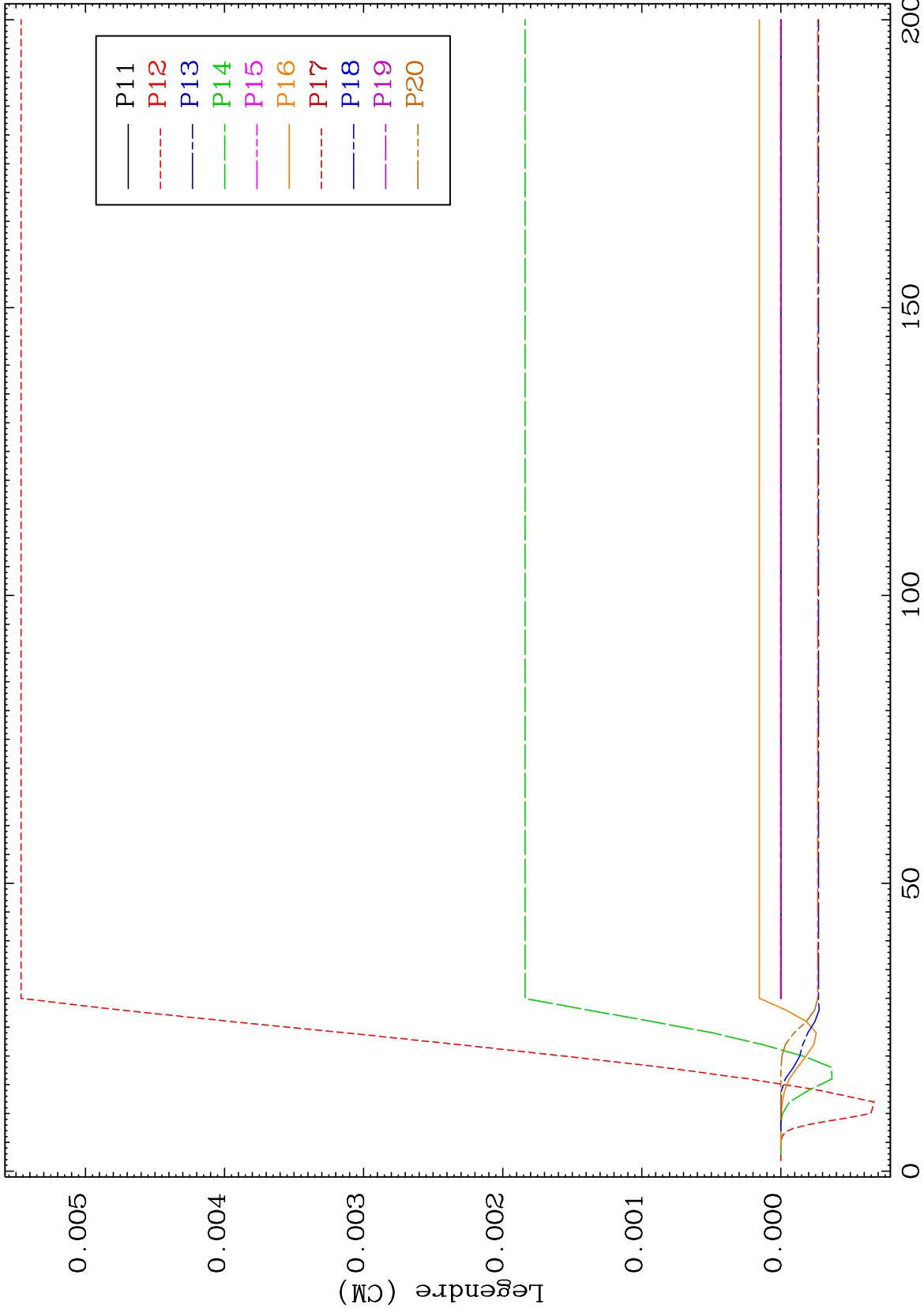
77-Ir-194



MAT 7734

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

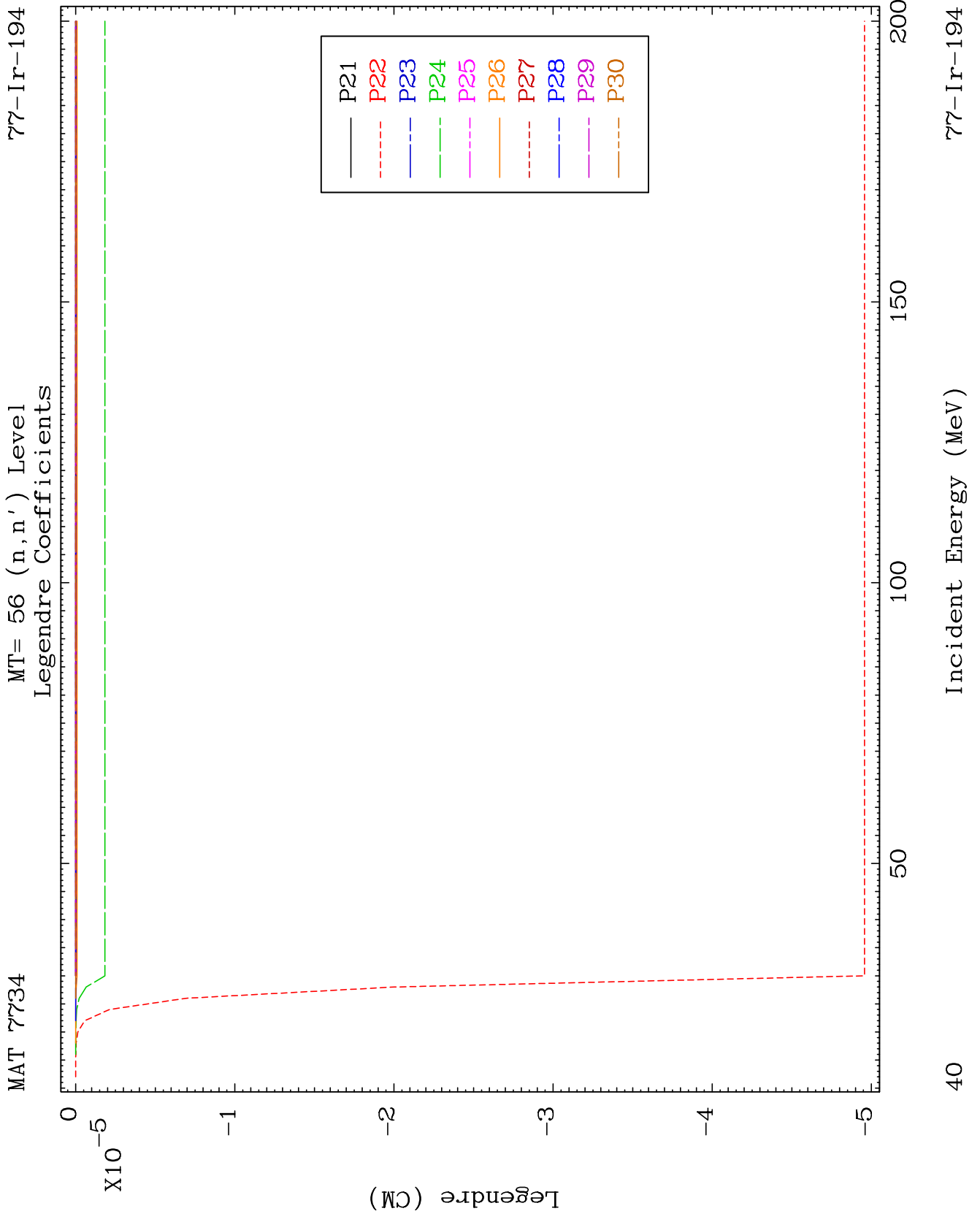
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39

Incident Energy (MeV)

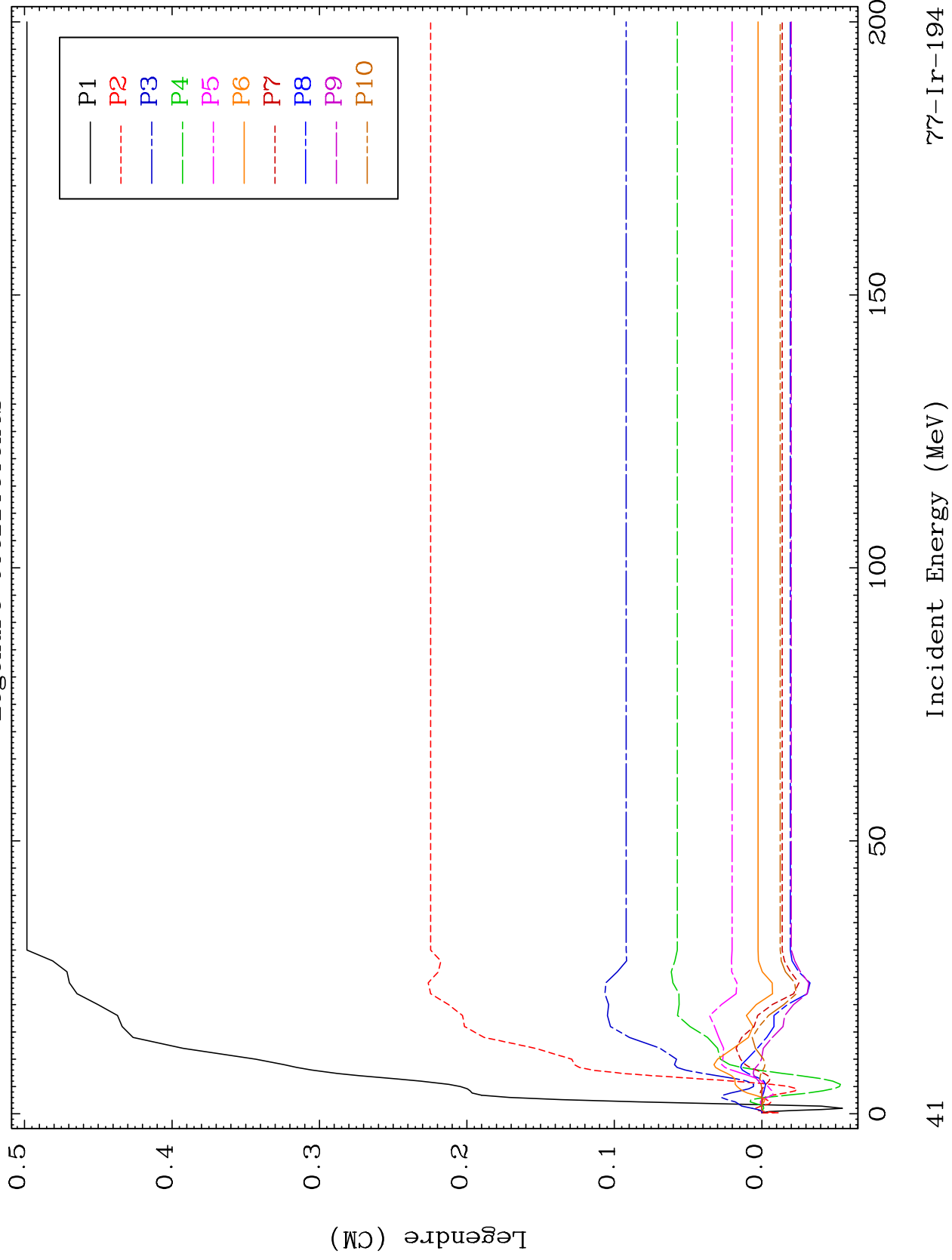
77-Ir-194



MAT 7734

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

77-Ir-194



41

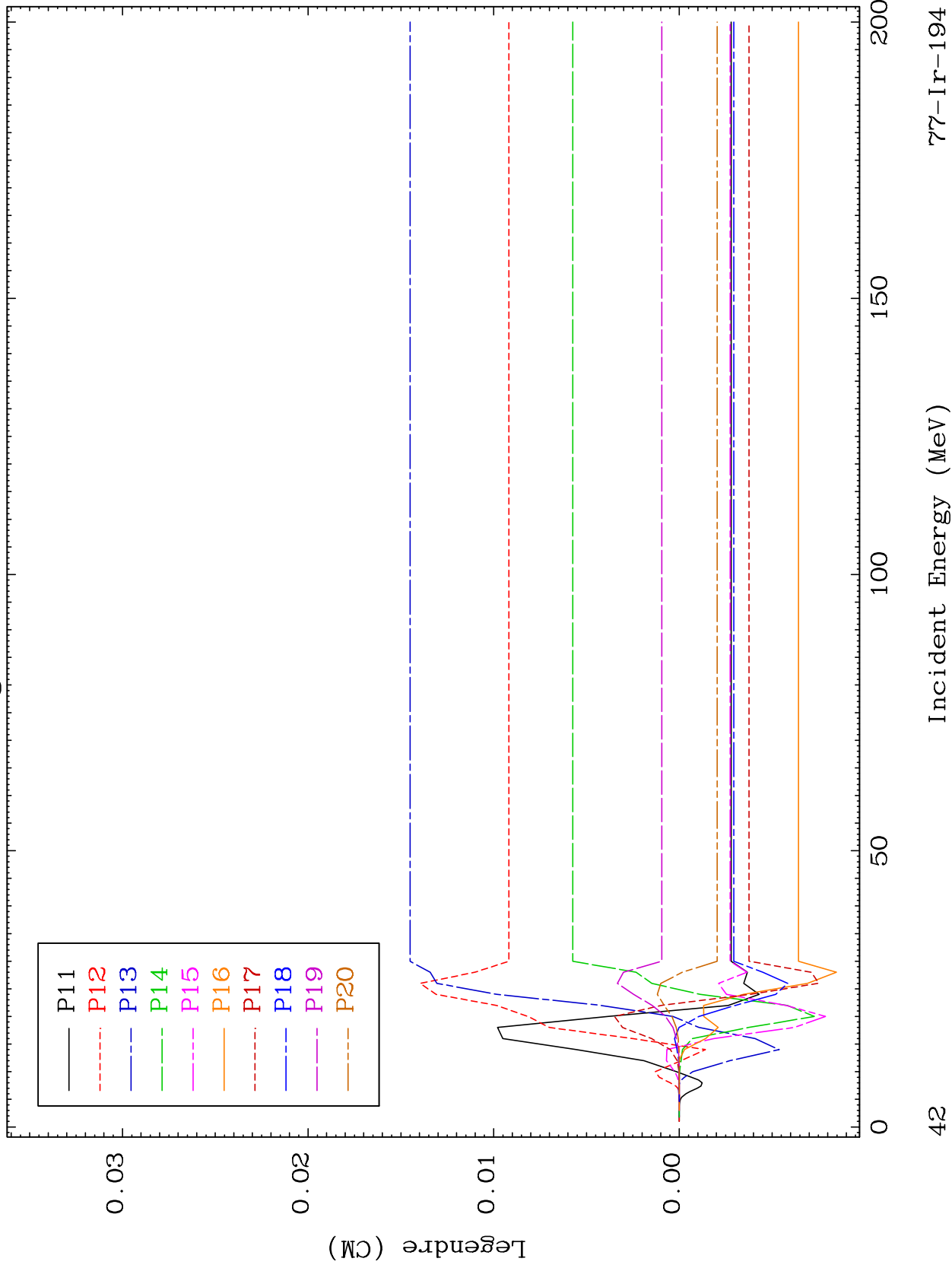
Incident Energy (MeV)

77-Ir-194

MAT 7734

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

77-Ir-194



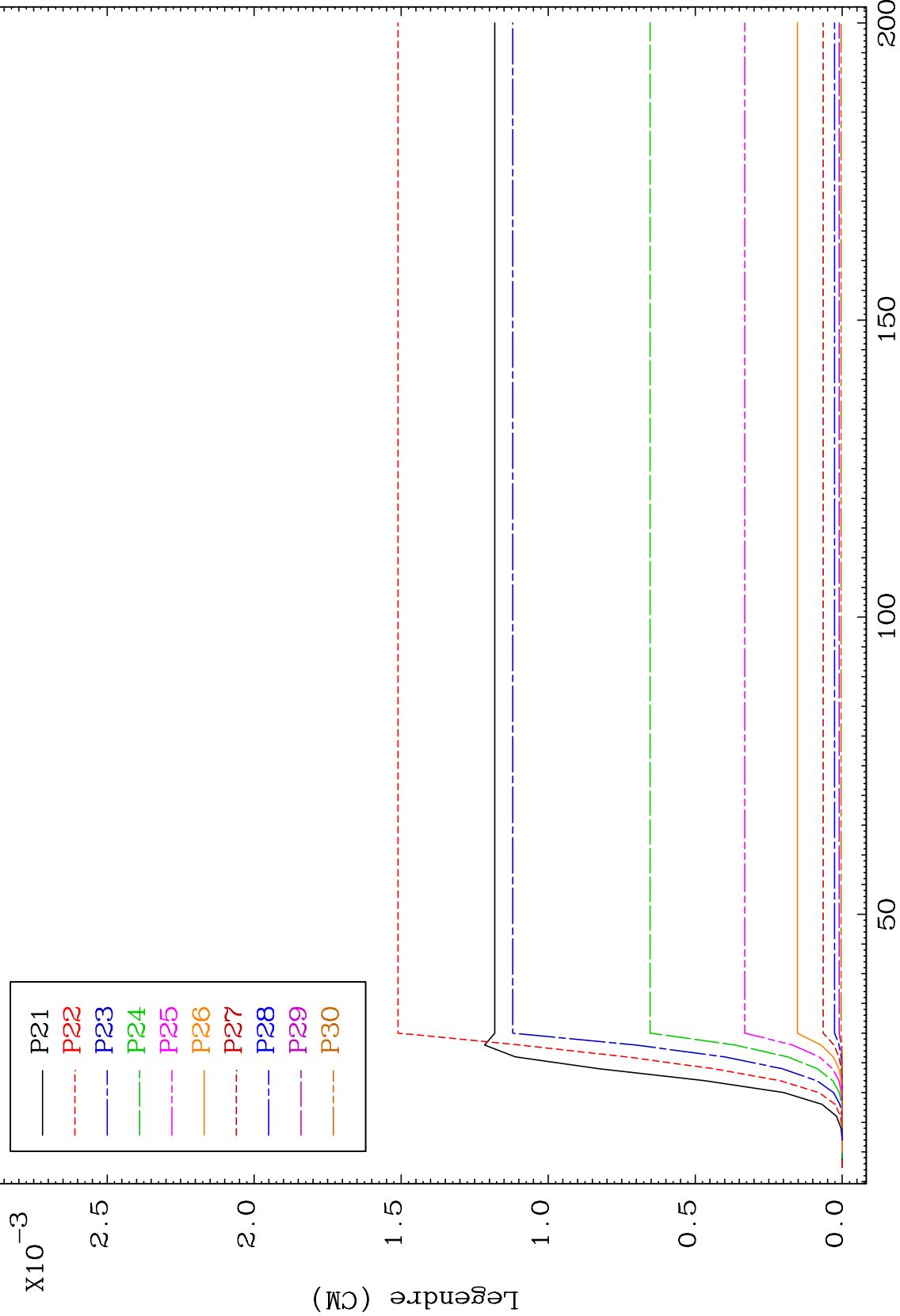
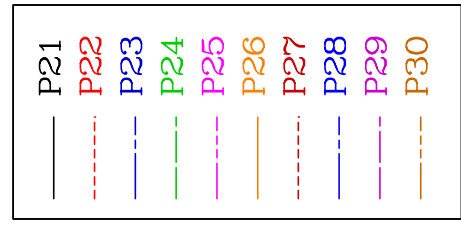
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77-Ir-194

MAT 7734

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

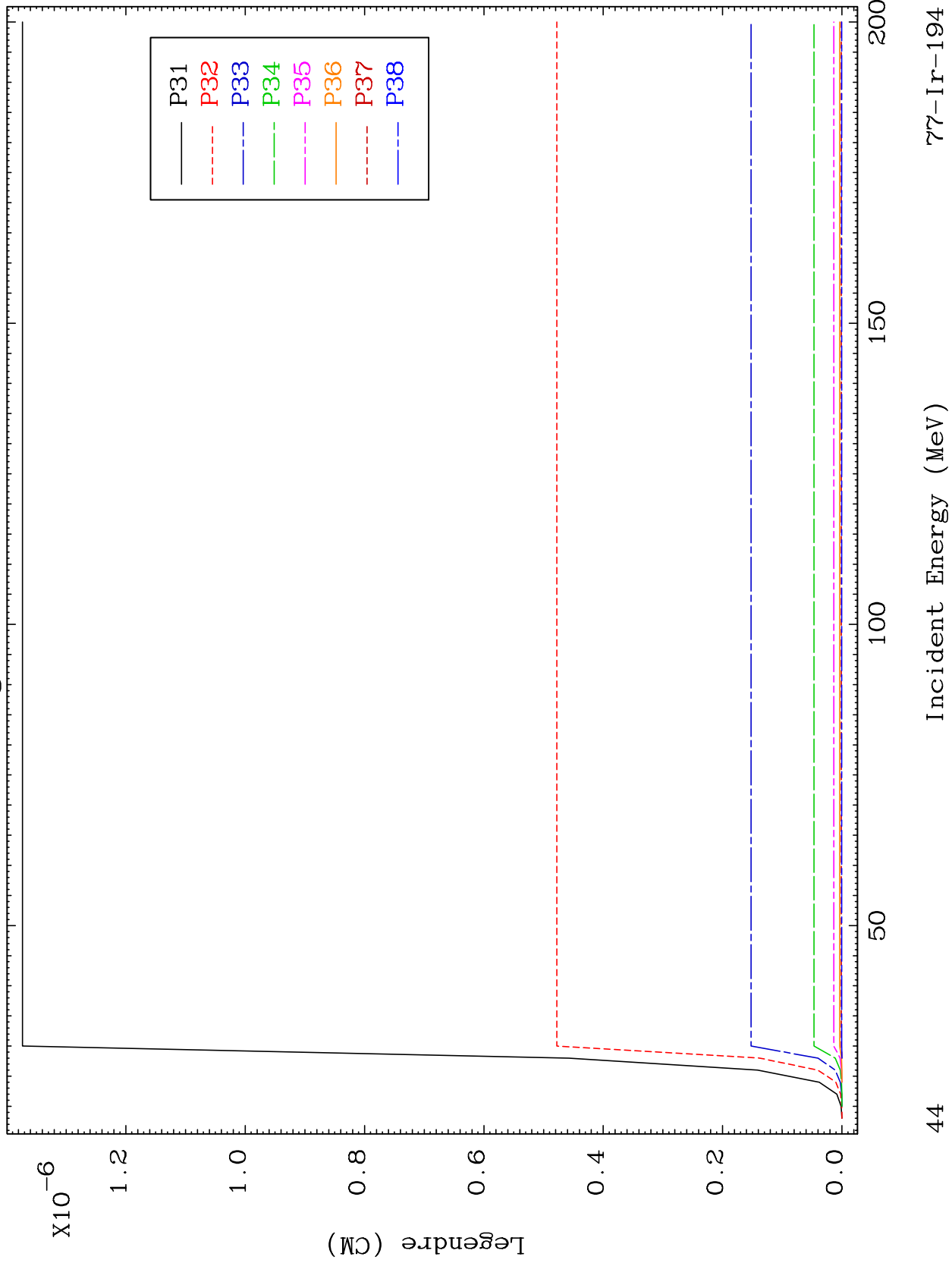
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MAT 7734

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

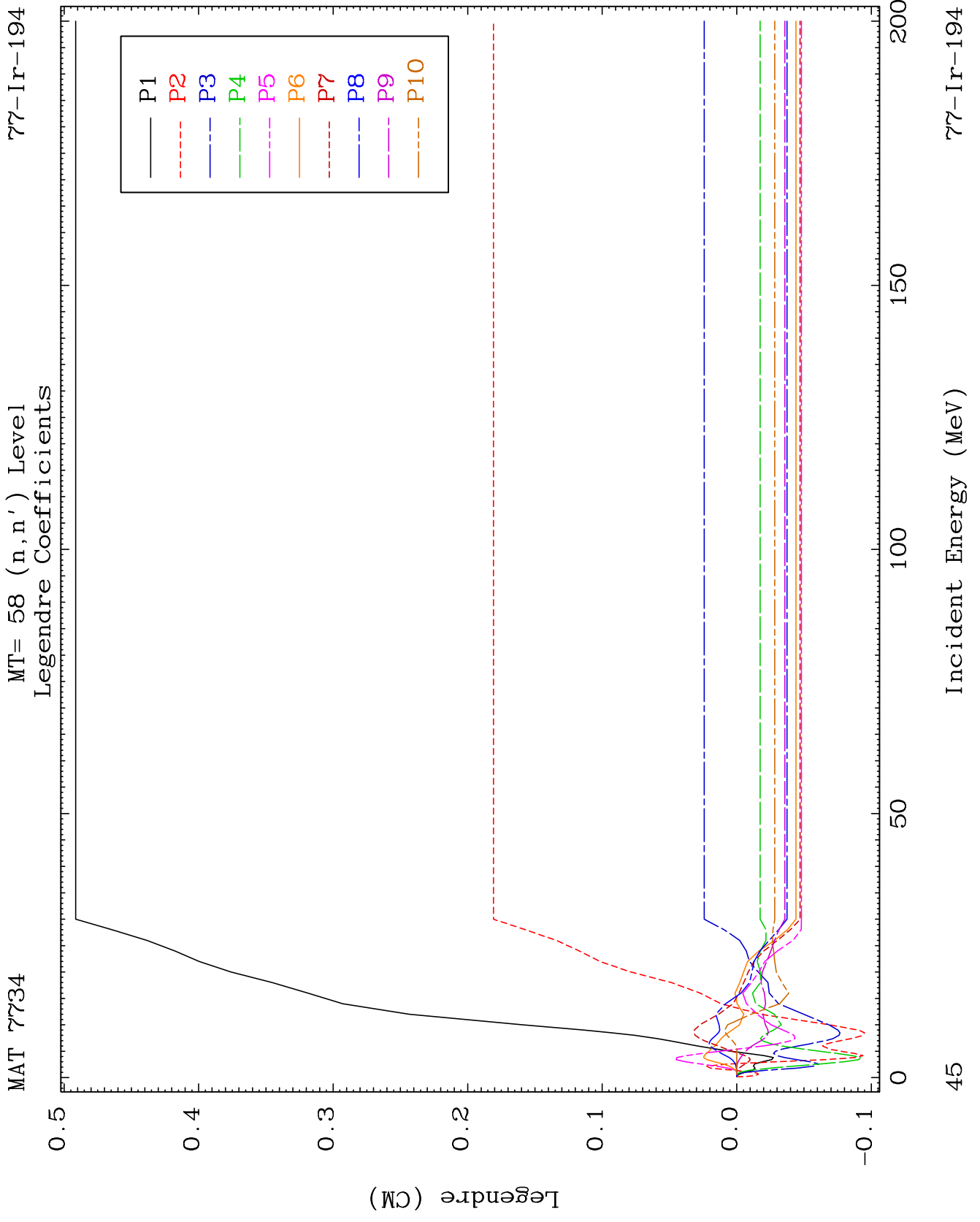
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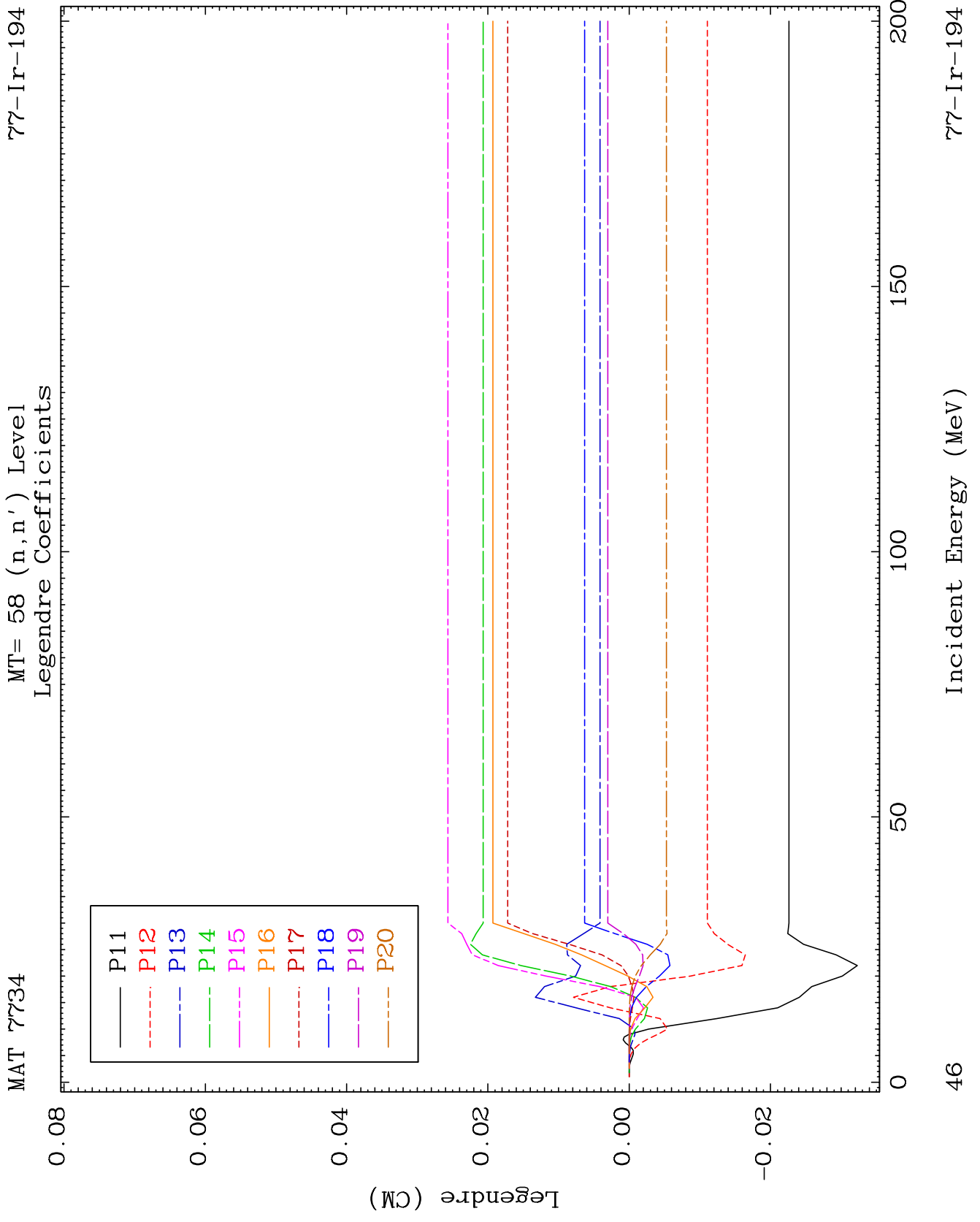


44

Incident Energy (MeV)

77-Ir-194

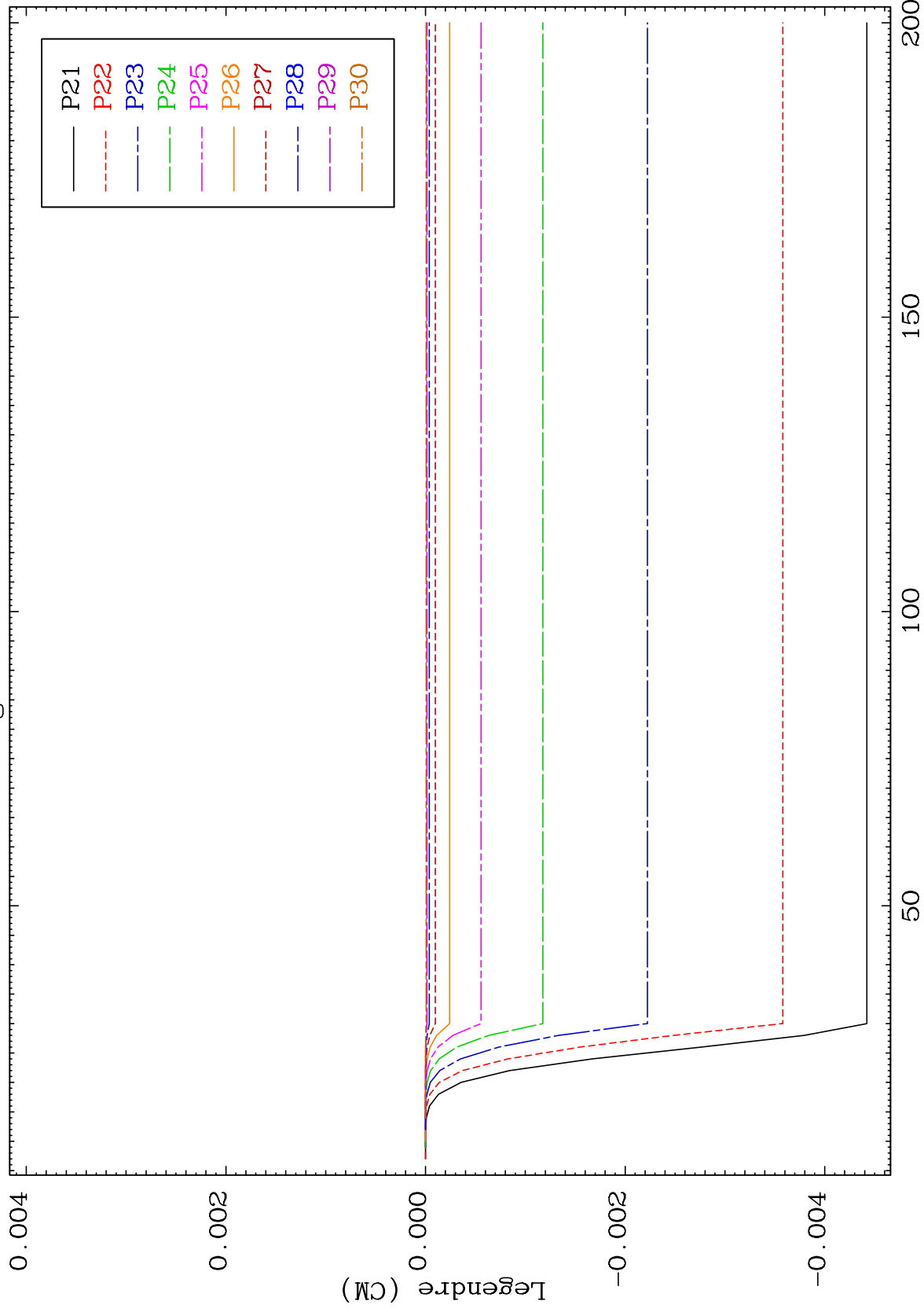




MAT 7734

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

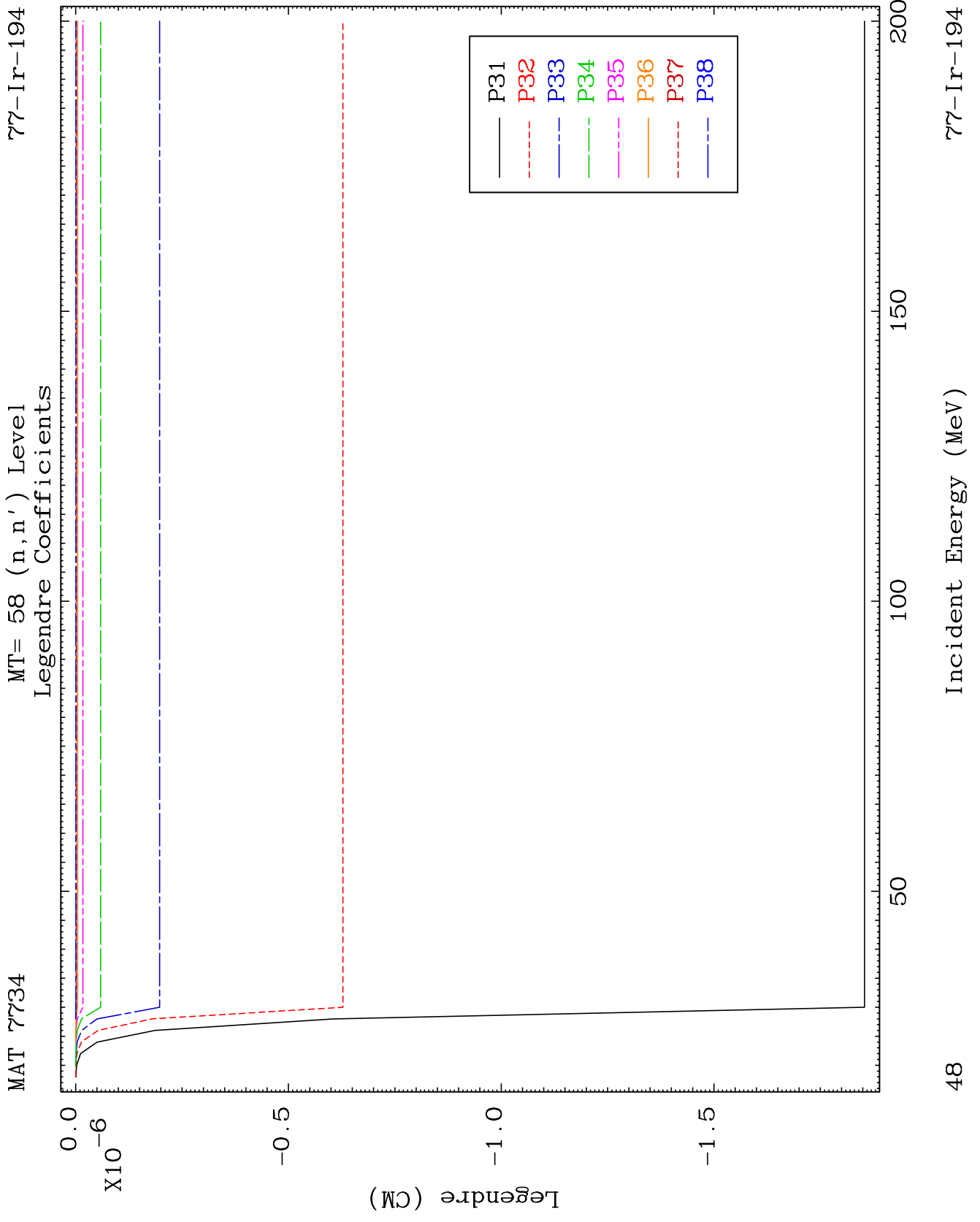
77-Ir-194



47

Incident Energy (MeV)

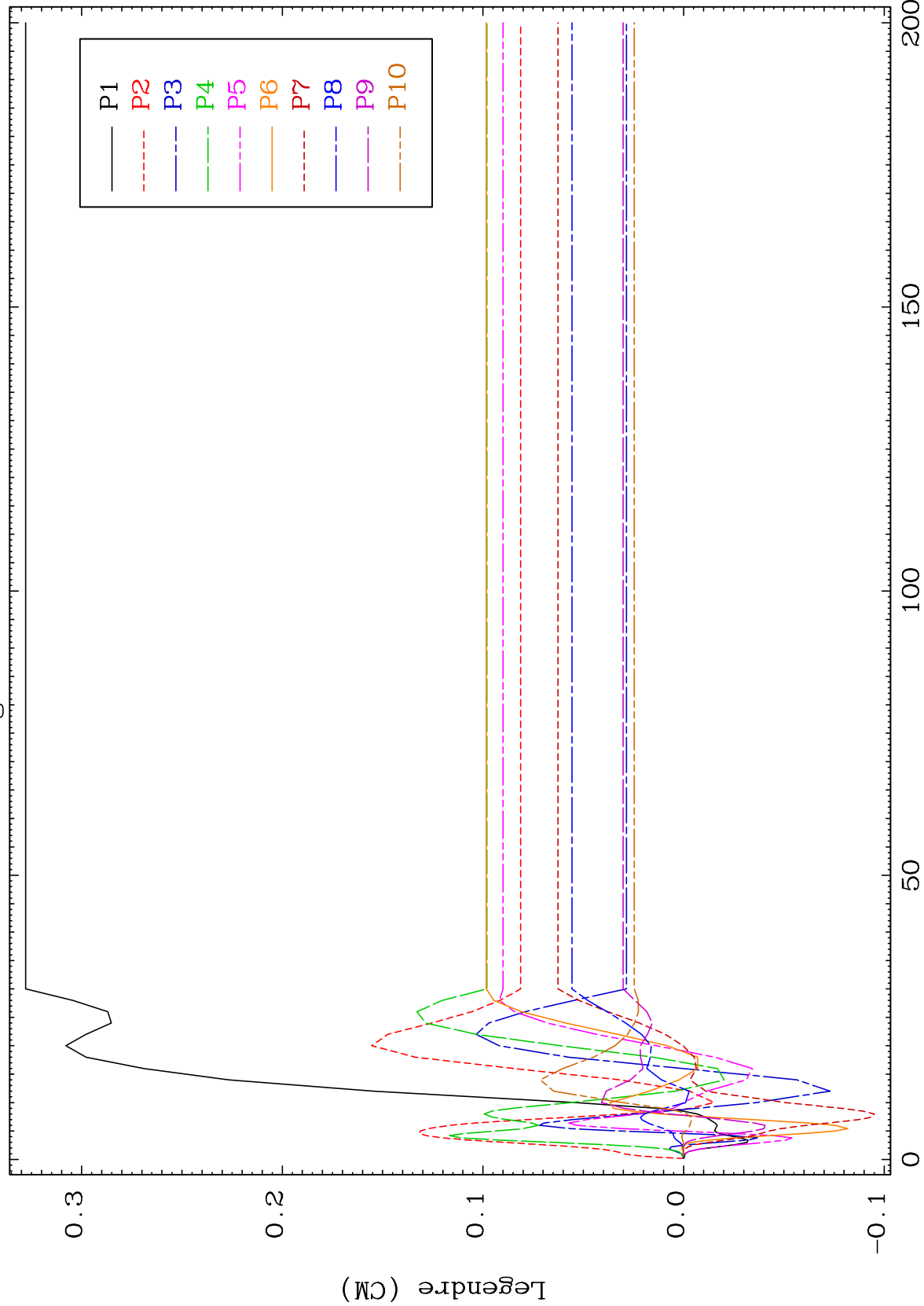
77-Ir-194



MAT 7734

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

77-Ir-194



49

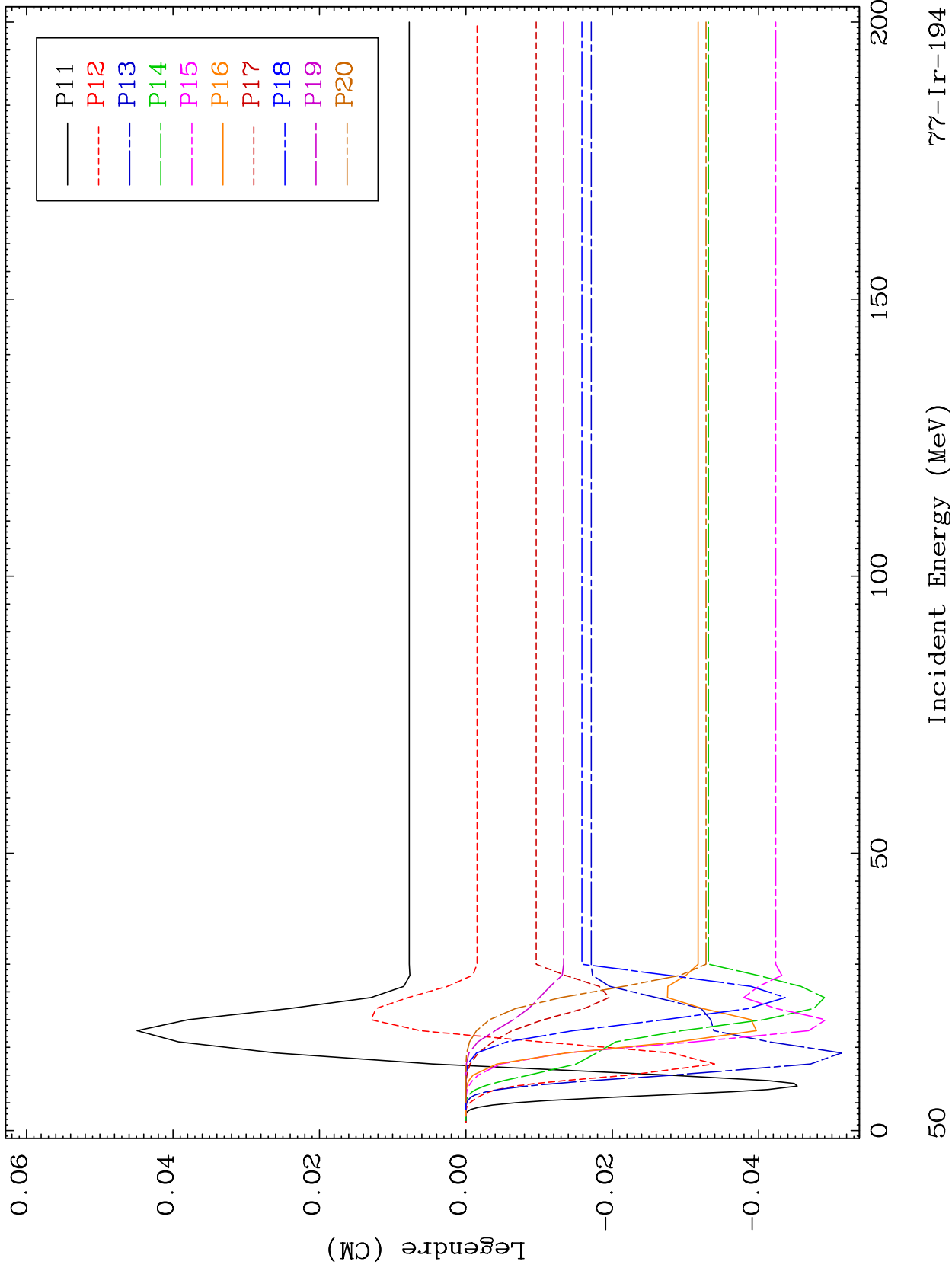
Incident Energy (MeV)

77-Ir-194

MAT 7734

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

77-Ir-194



77-Ir-194

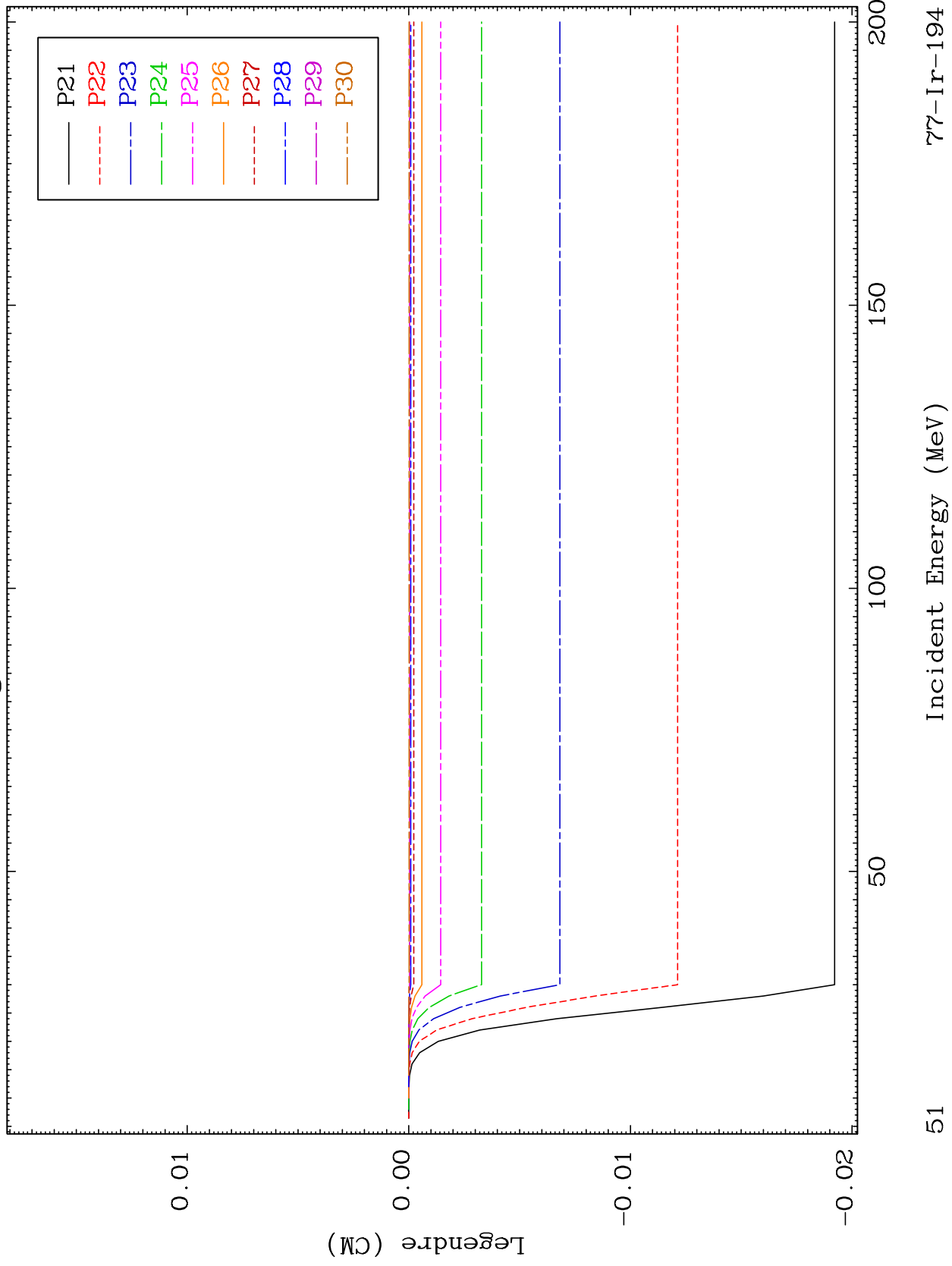
Incident Energy (MeV)

50

MAT 7734

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

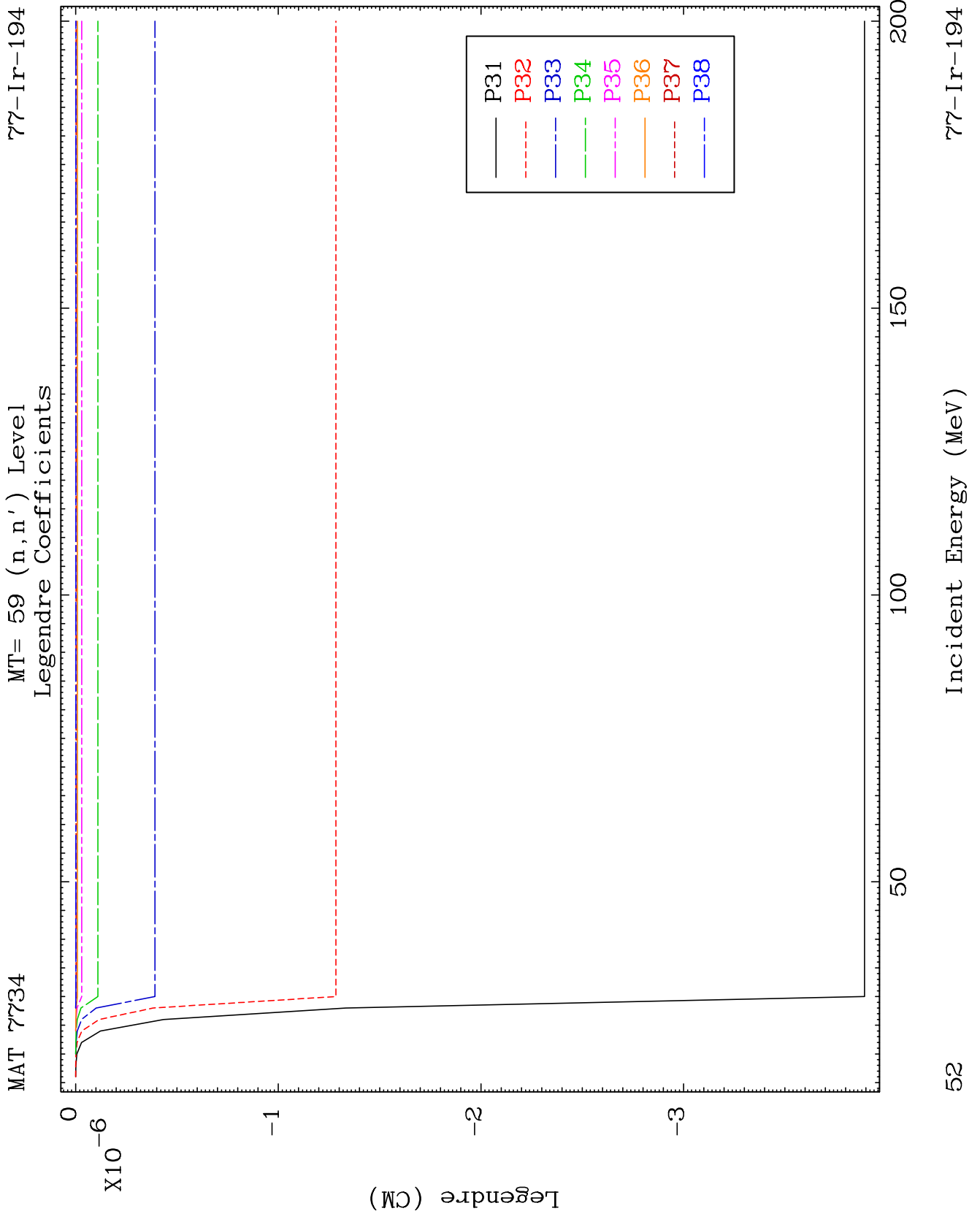
77-Ir-194



51

Incident Energy (MeV)

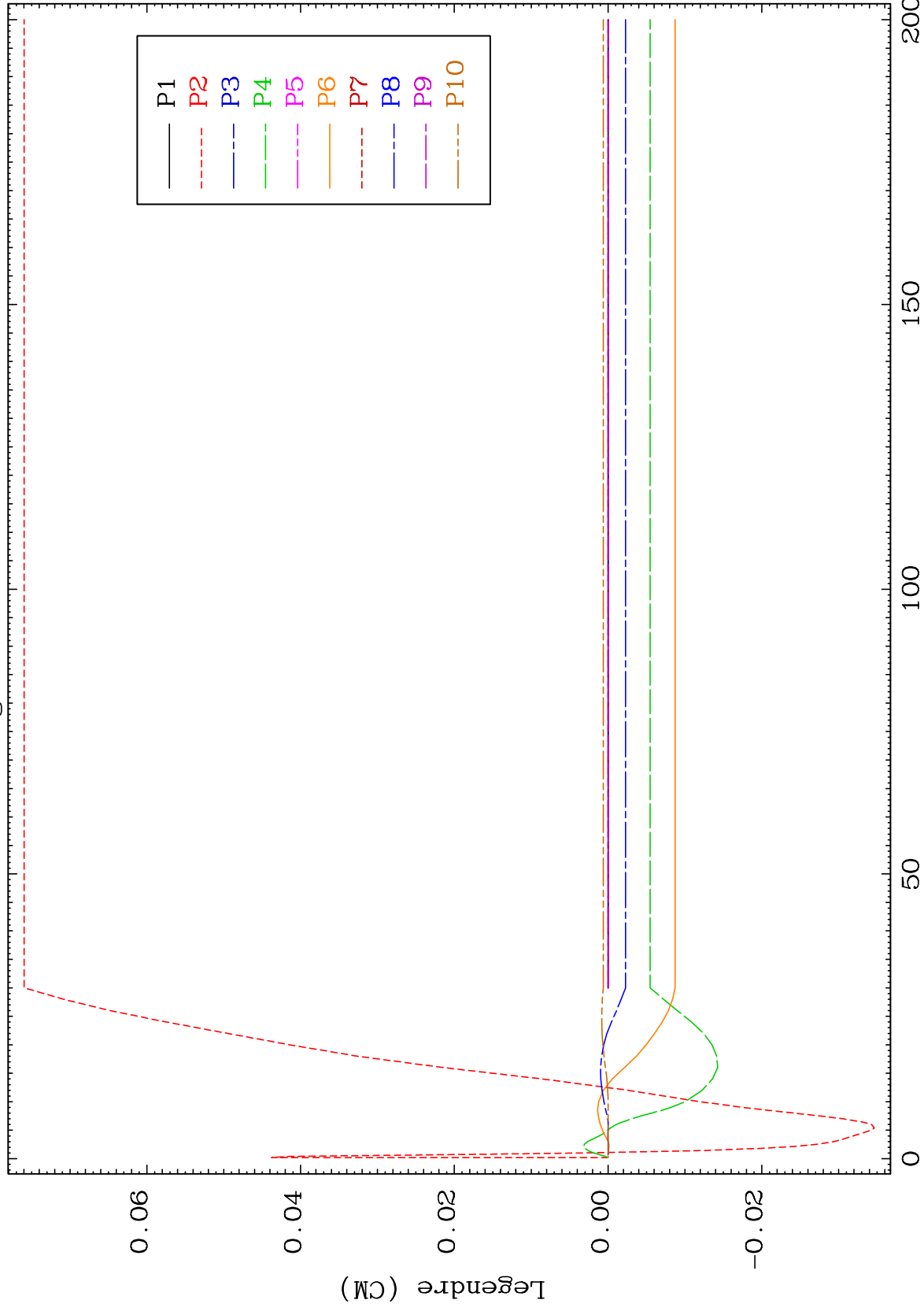
77-Ir-194



MAT 7734

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

77-Ir-194



53

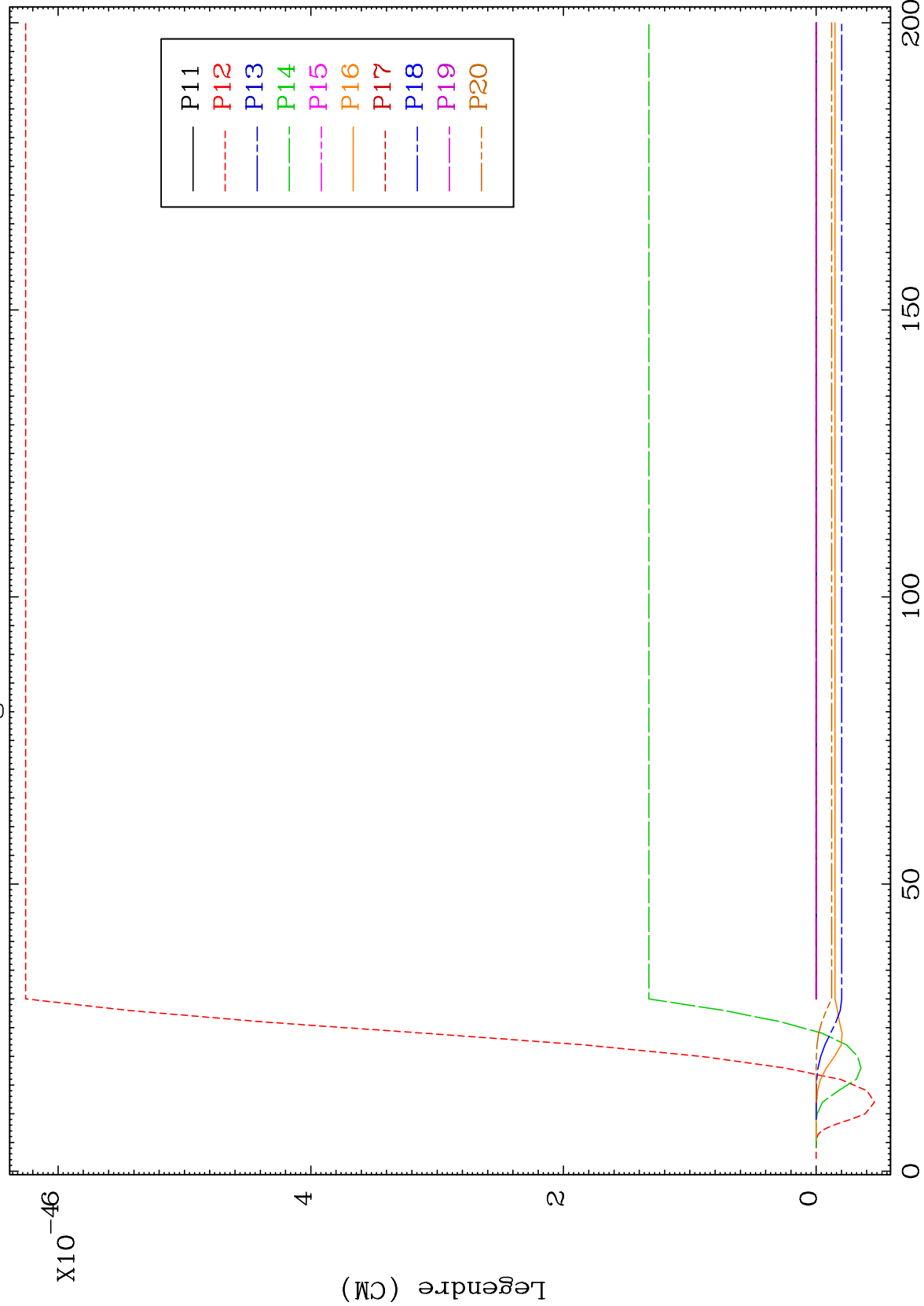
Incident Energy (MeV)

77-Ir-194

MAT 7734

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

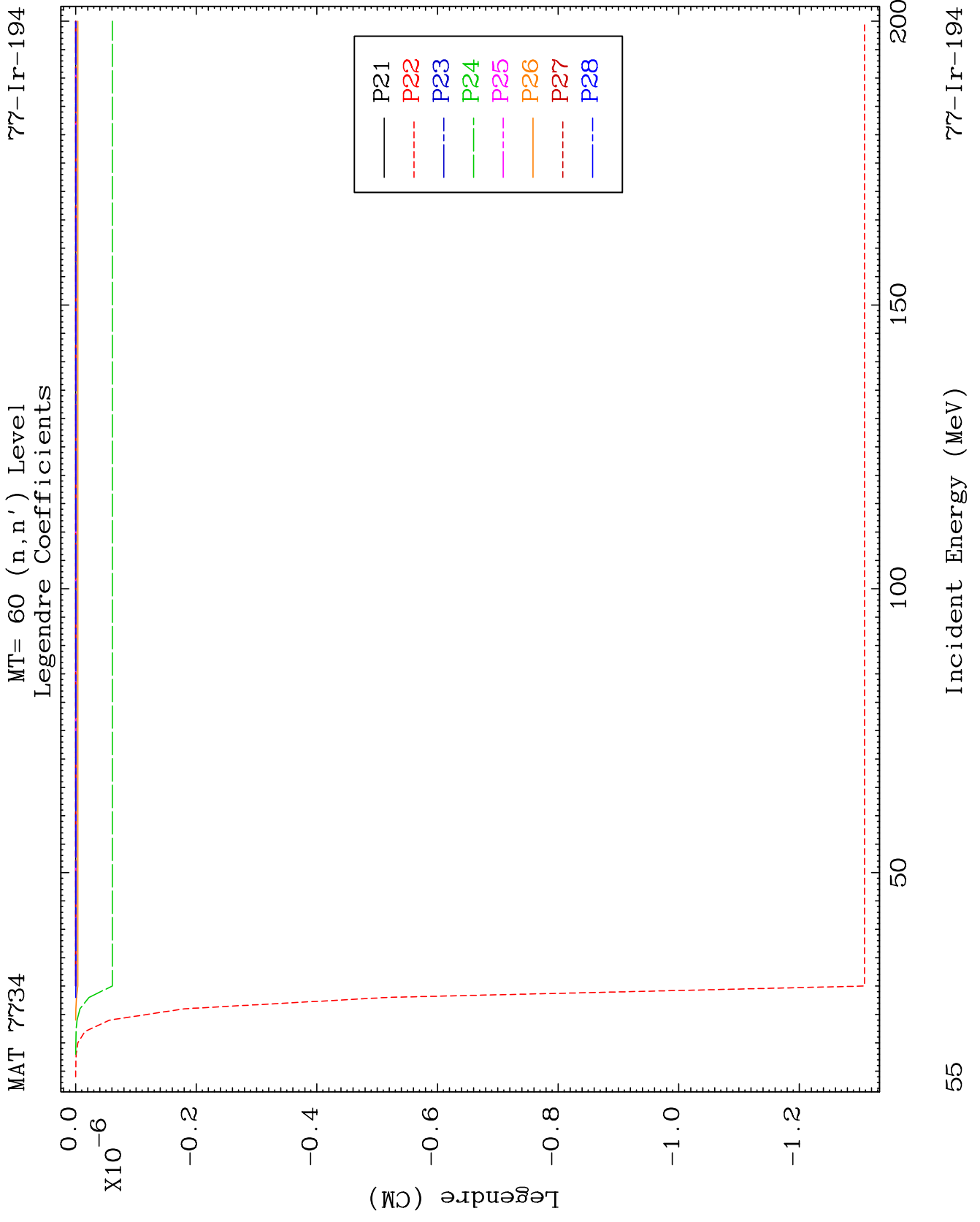
77-Ir-194

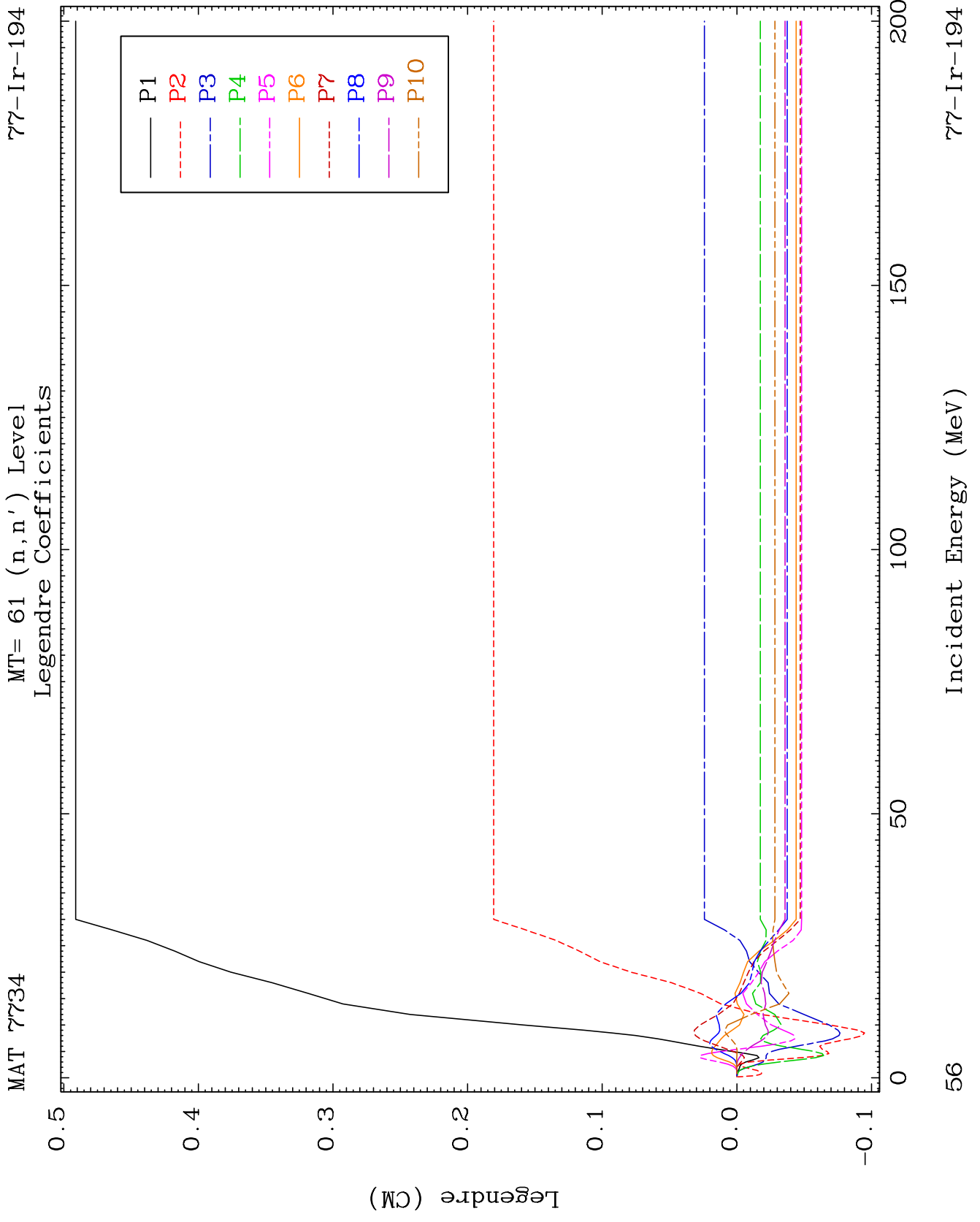


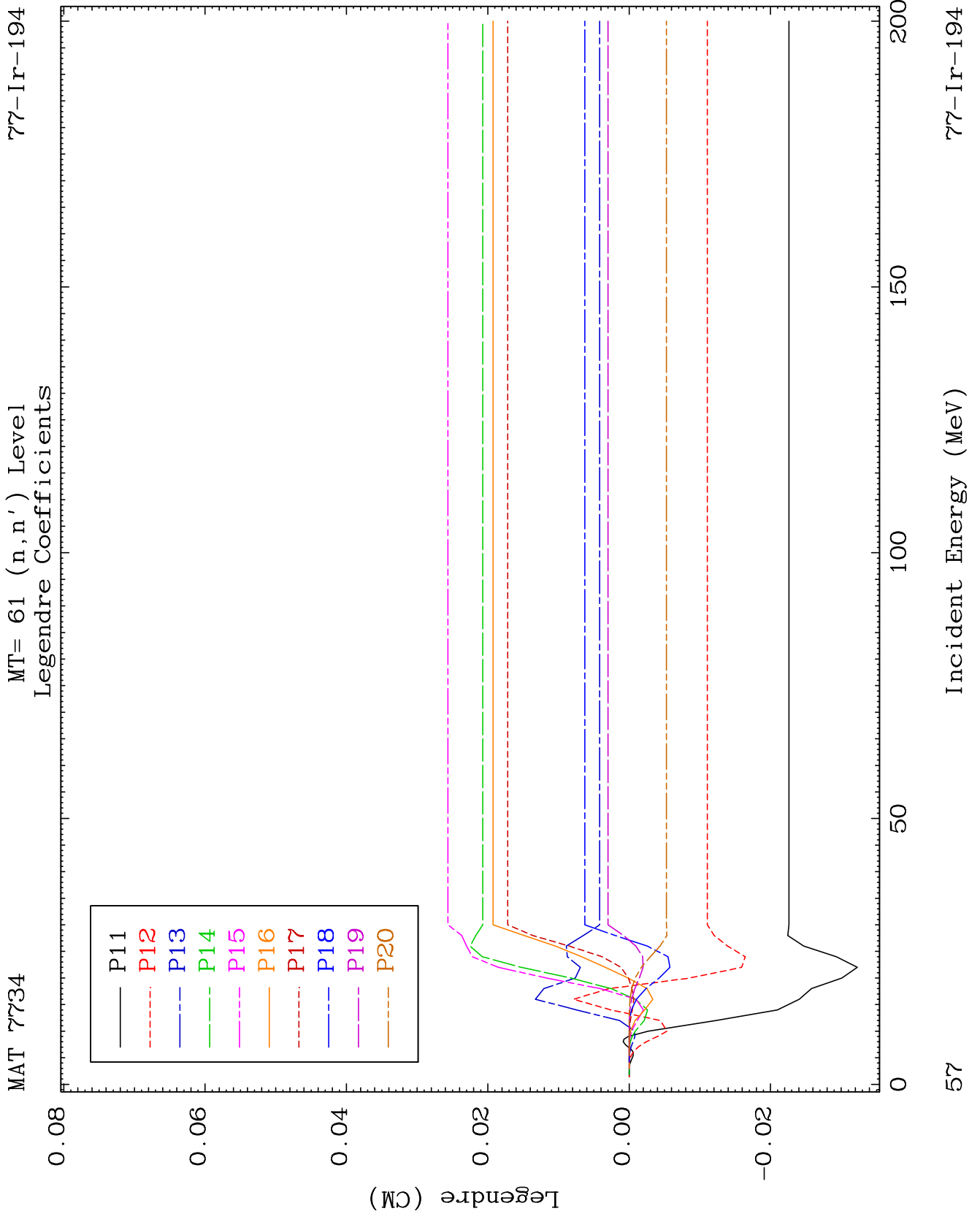
54

Incident Energy (MeV)

77-Ir-194



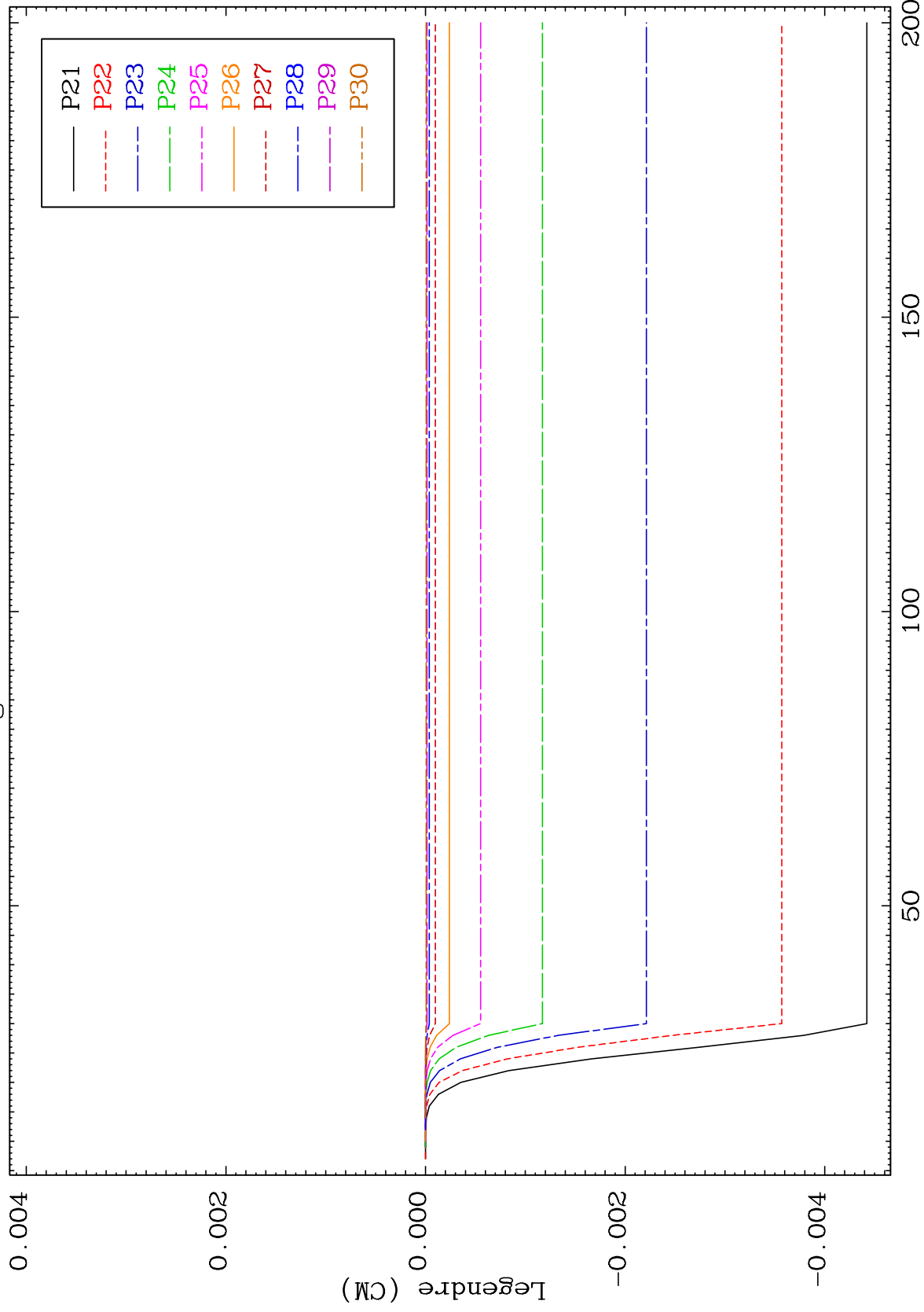




MAT 7734

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

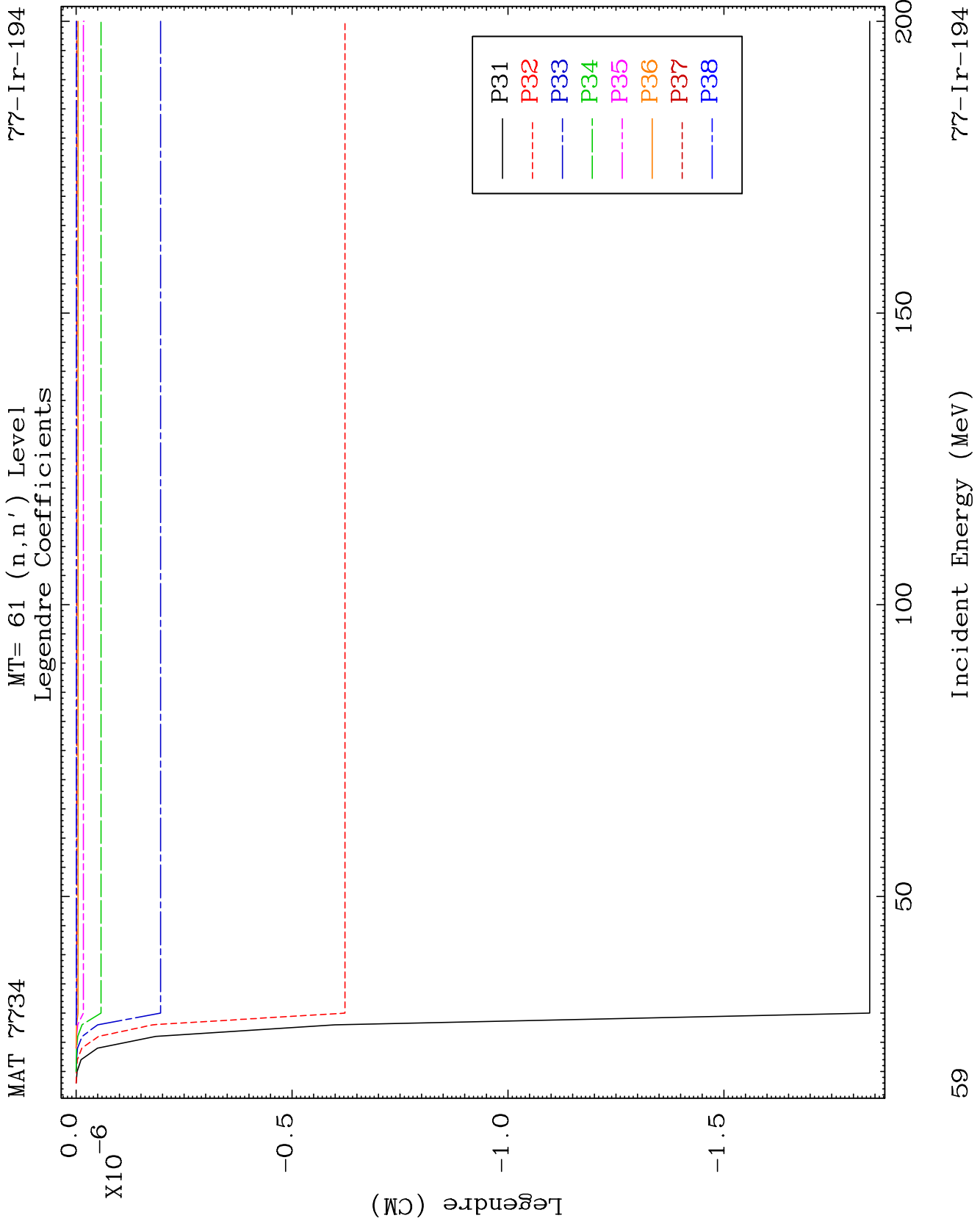
77-Ir-194



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Incident Energy (MeV)

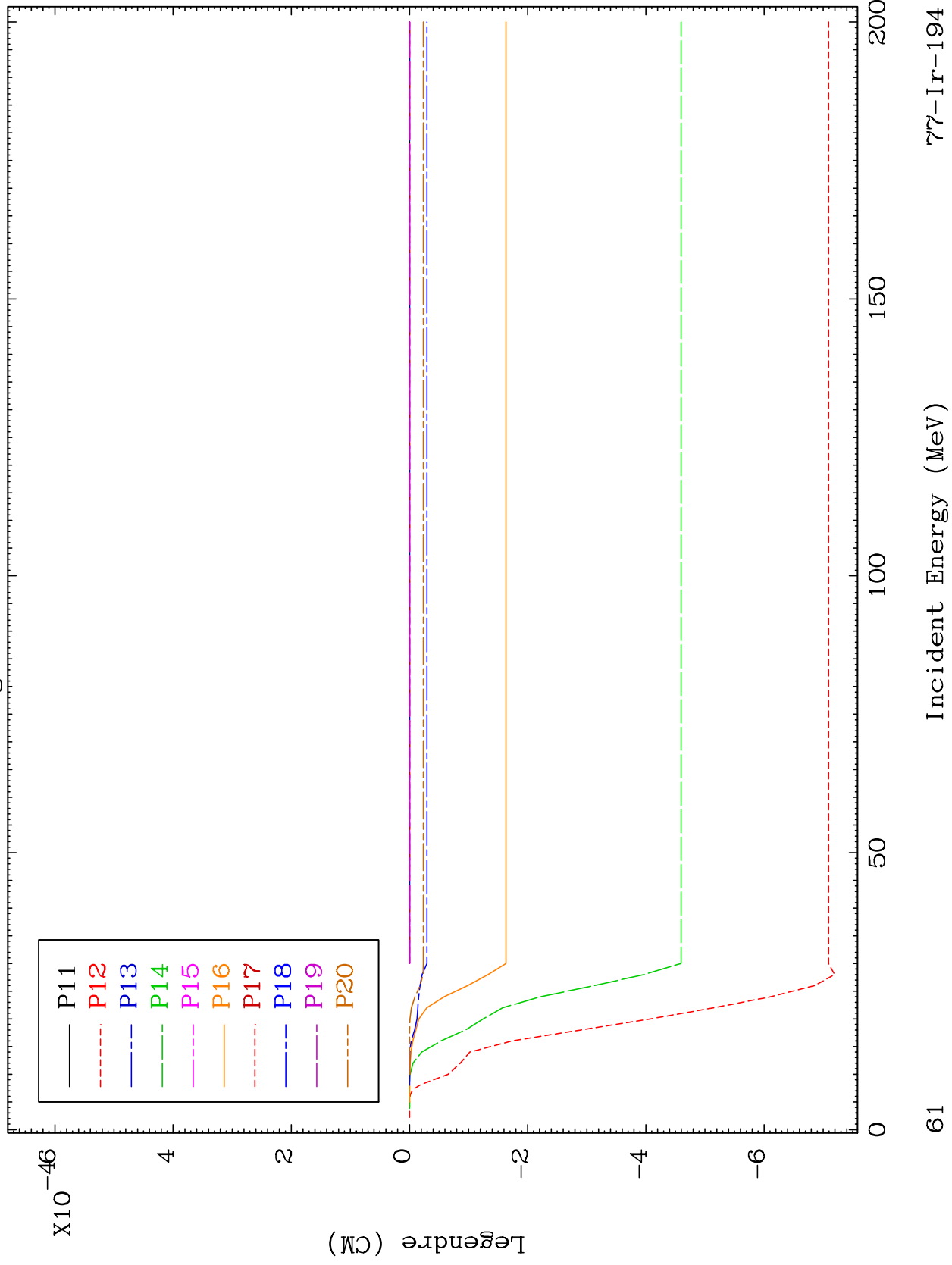
77-Ir-194



MAT 7734

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

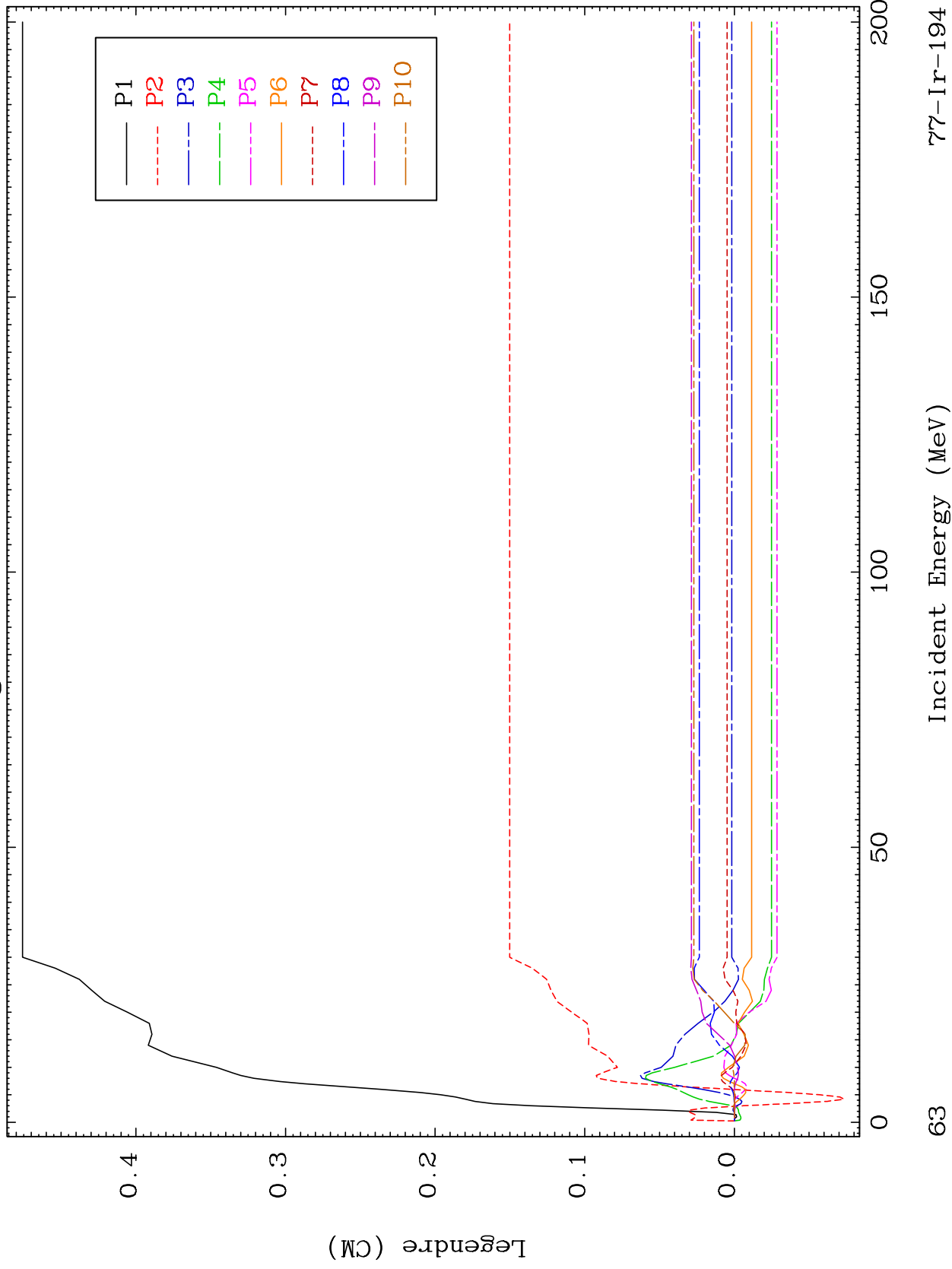
77-Ir-194



MAT 7734

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

77-Ir-194



77-Ir-194

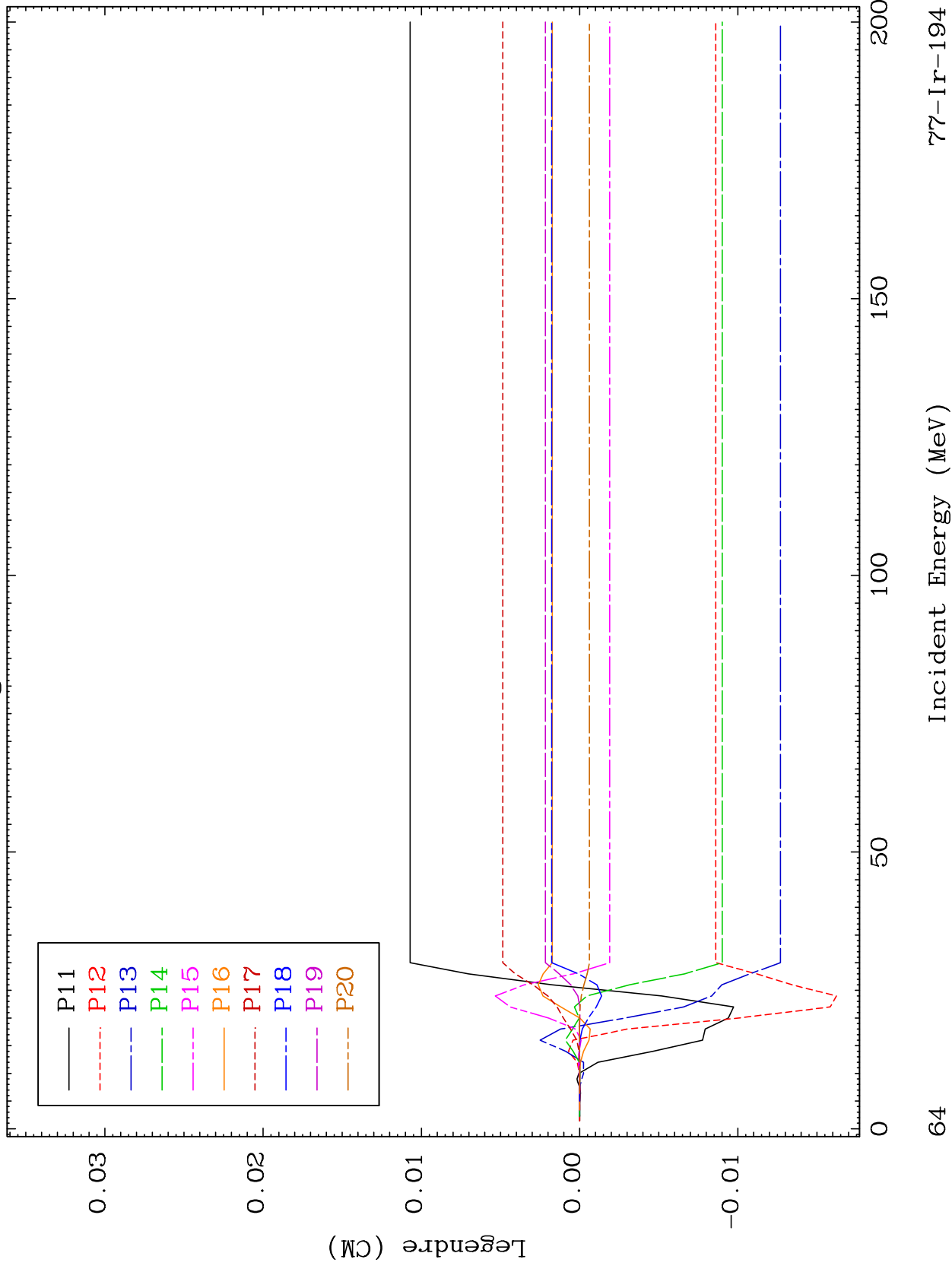
Incident Energy (MeV)

63

MAT 7734

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

77-Ir-194



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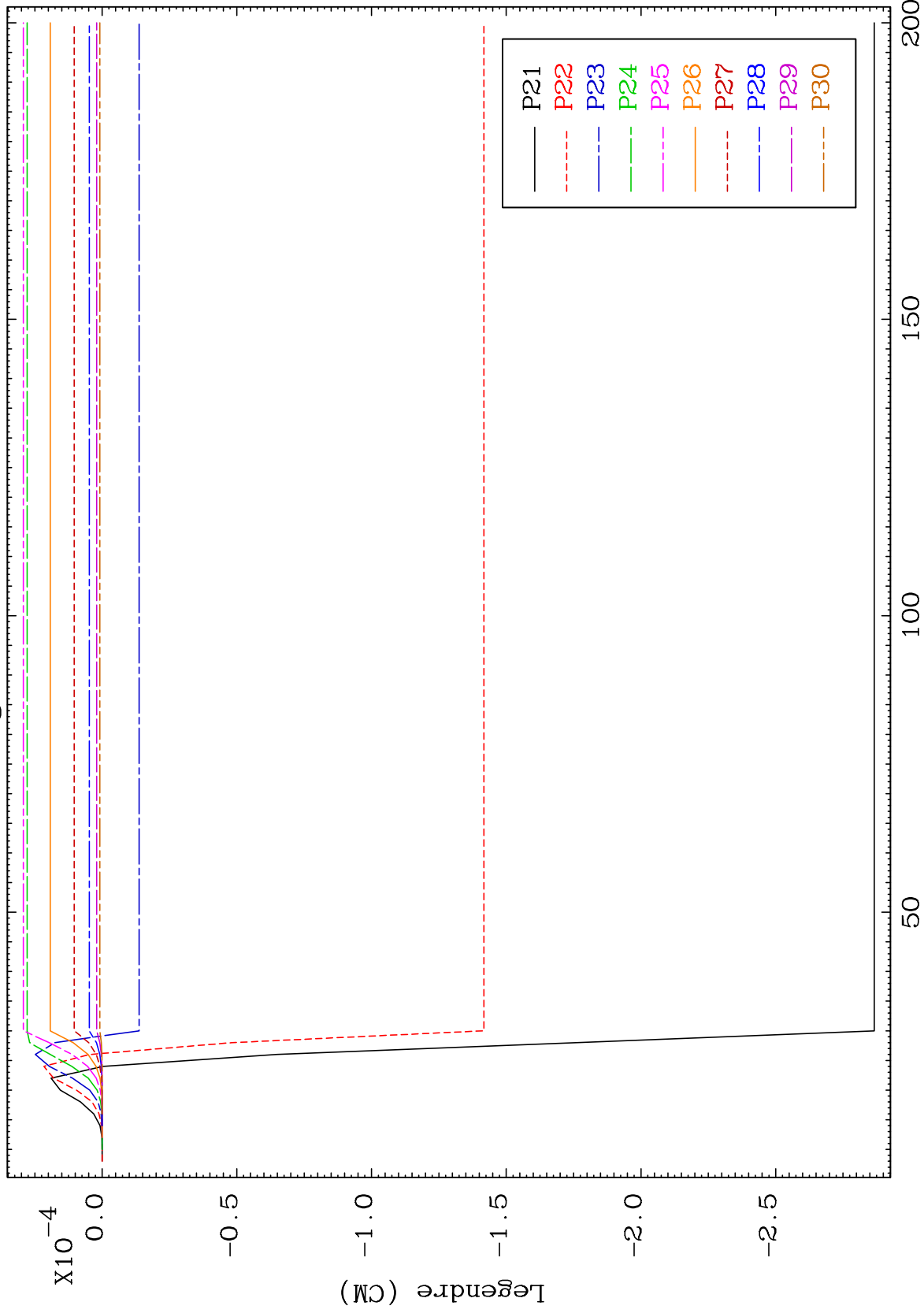
Incident Energy (MeV)

77-Ir-194

MAT 7734

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

77-Ir-194



65

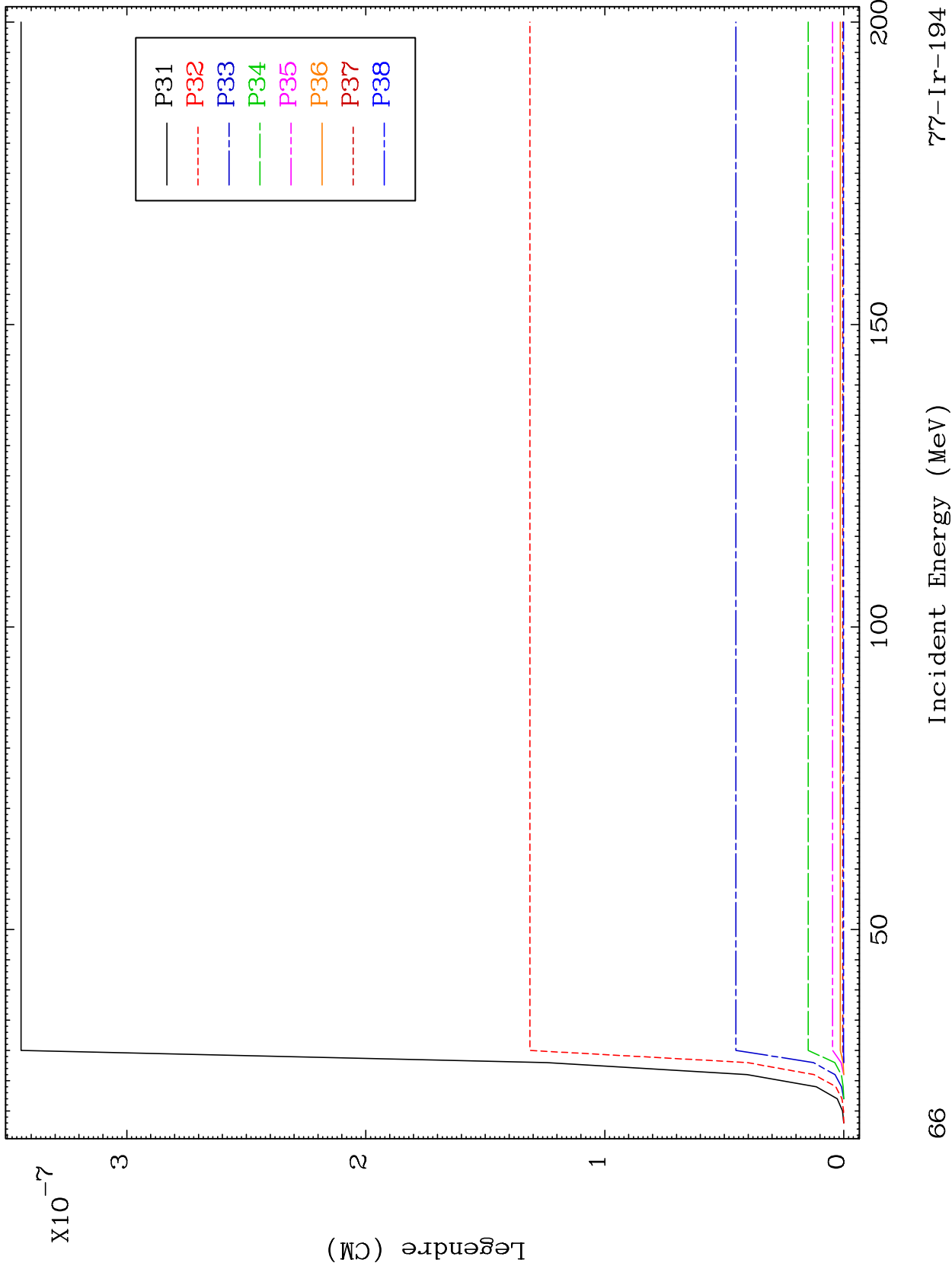
Incident Energy (MeV)

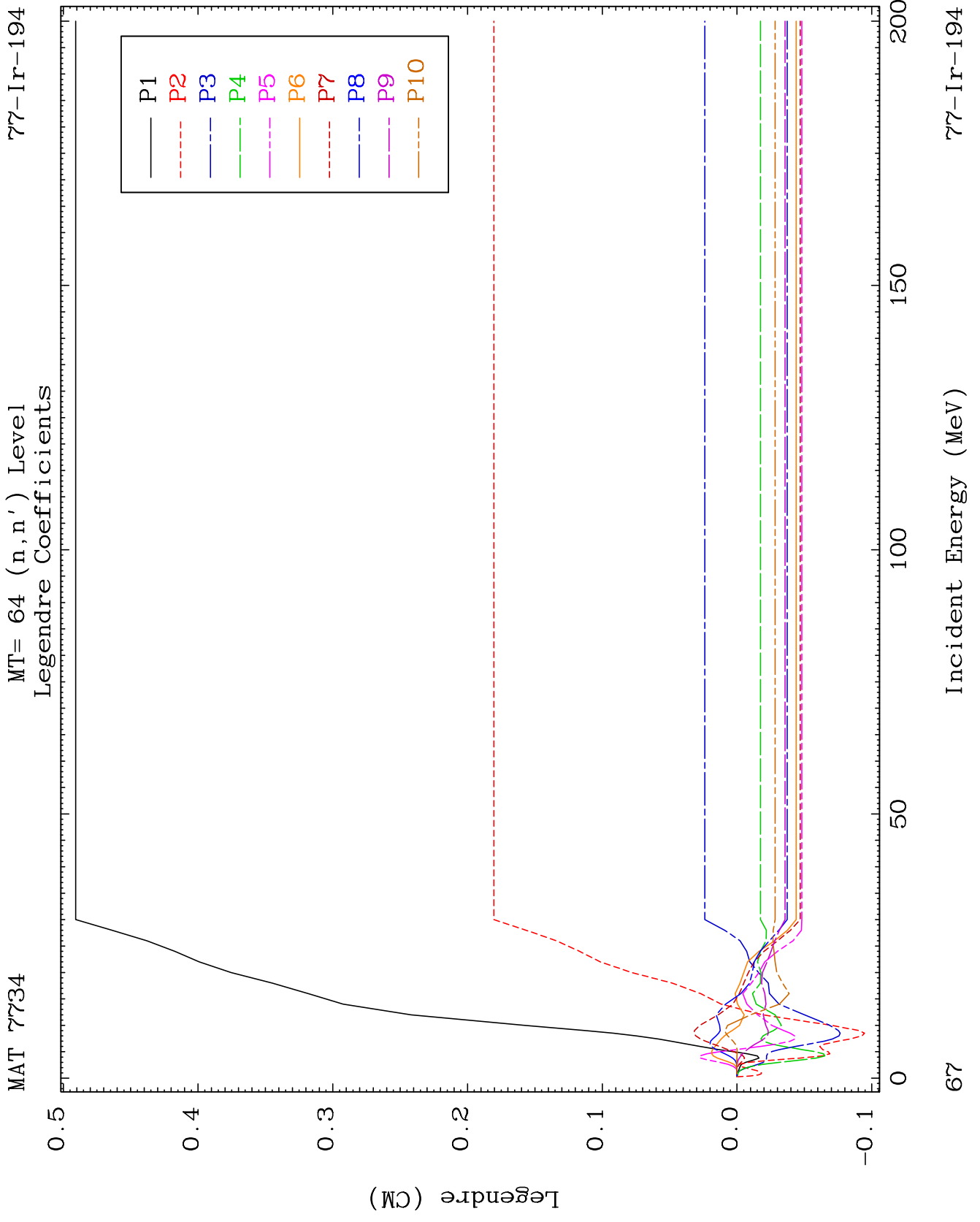
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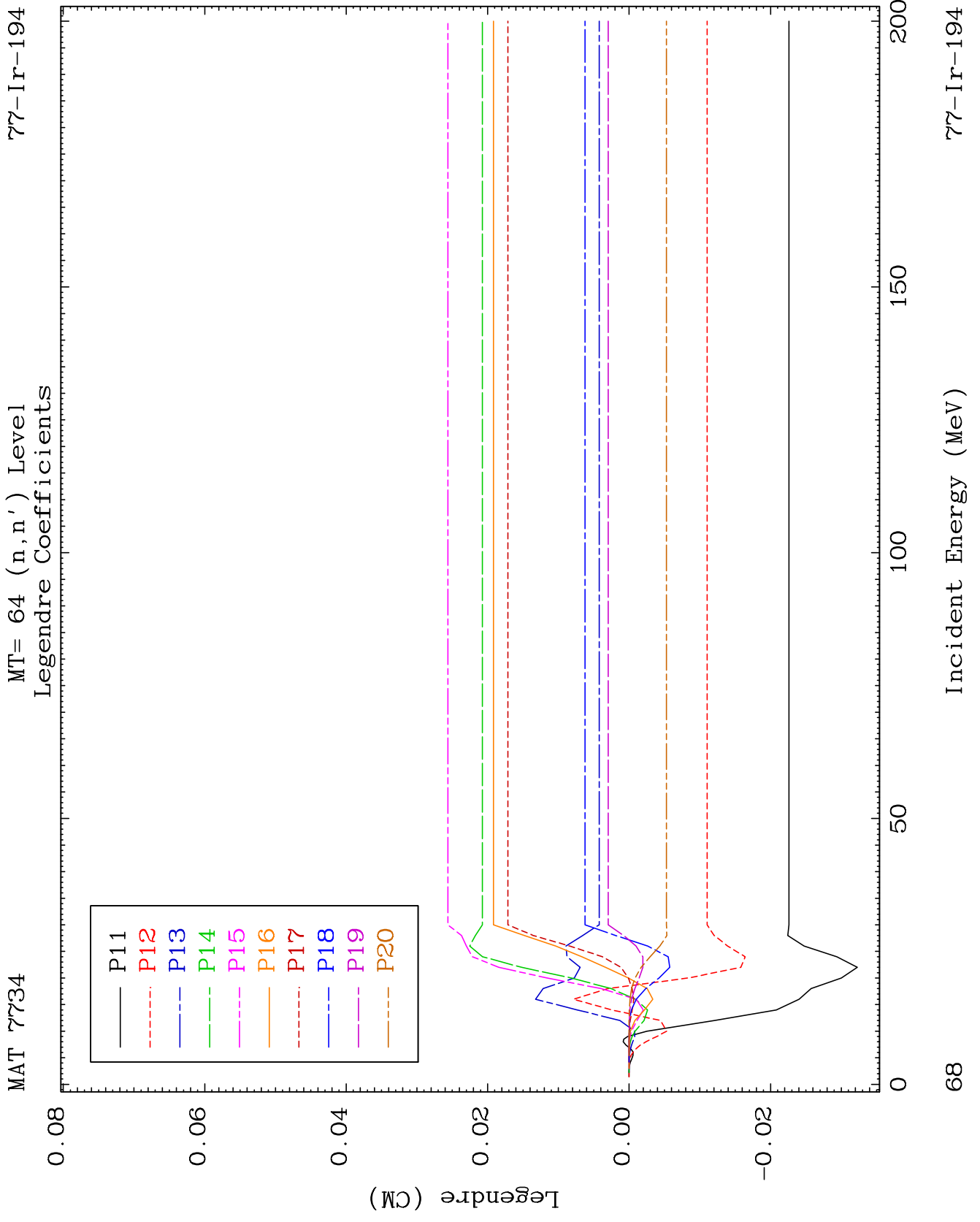
MAT 7734

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

77-Ir-194



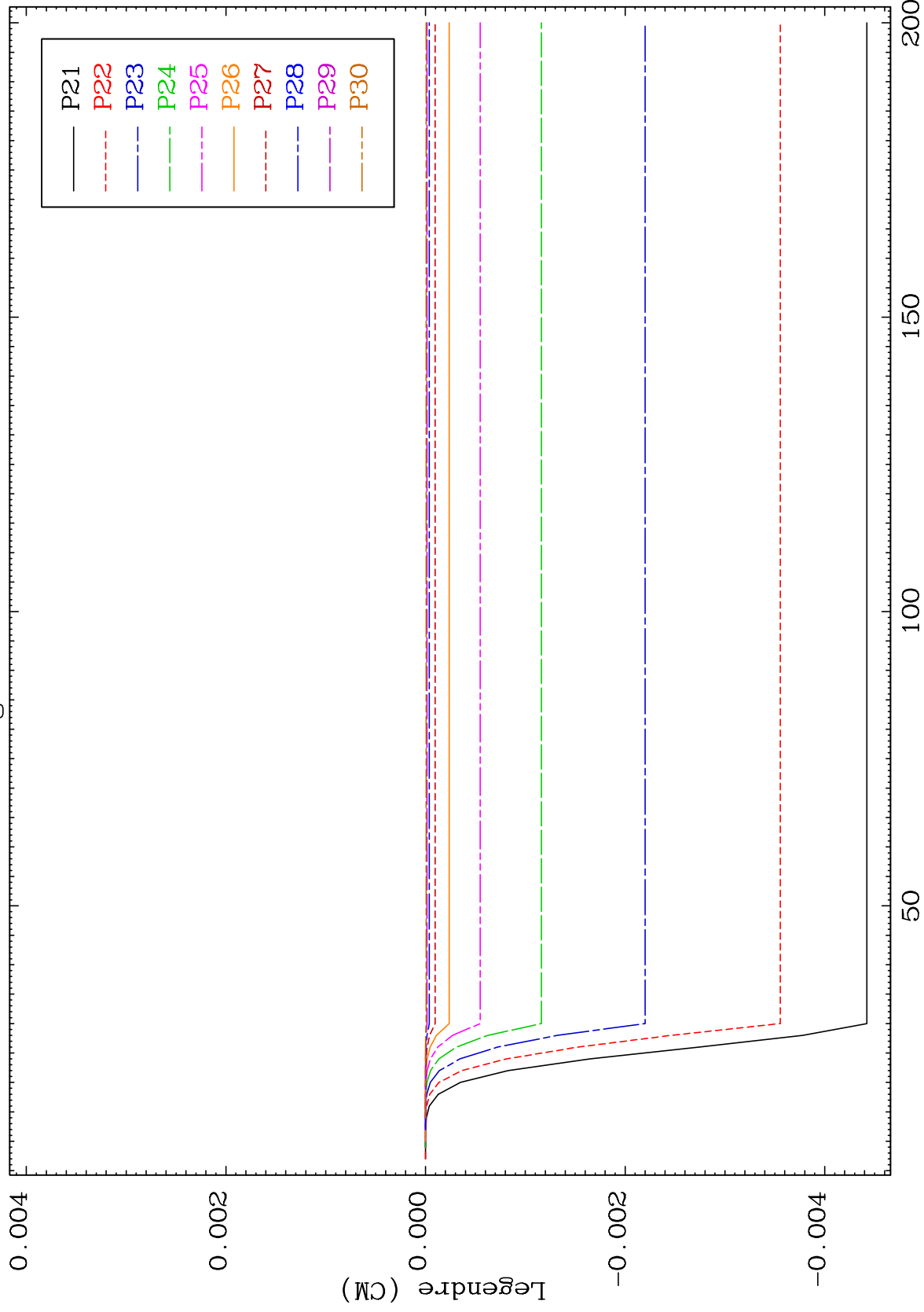




MAT 7734

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

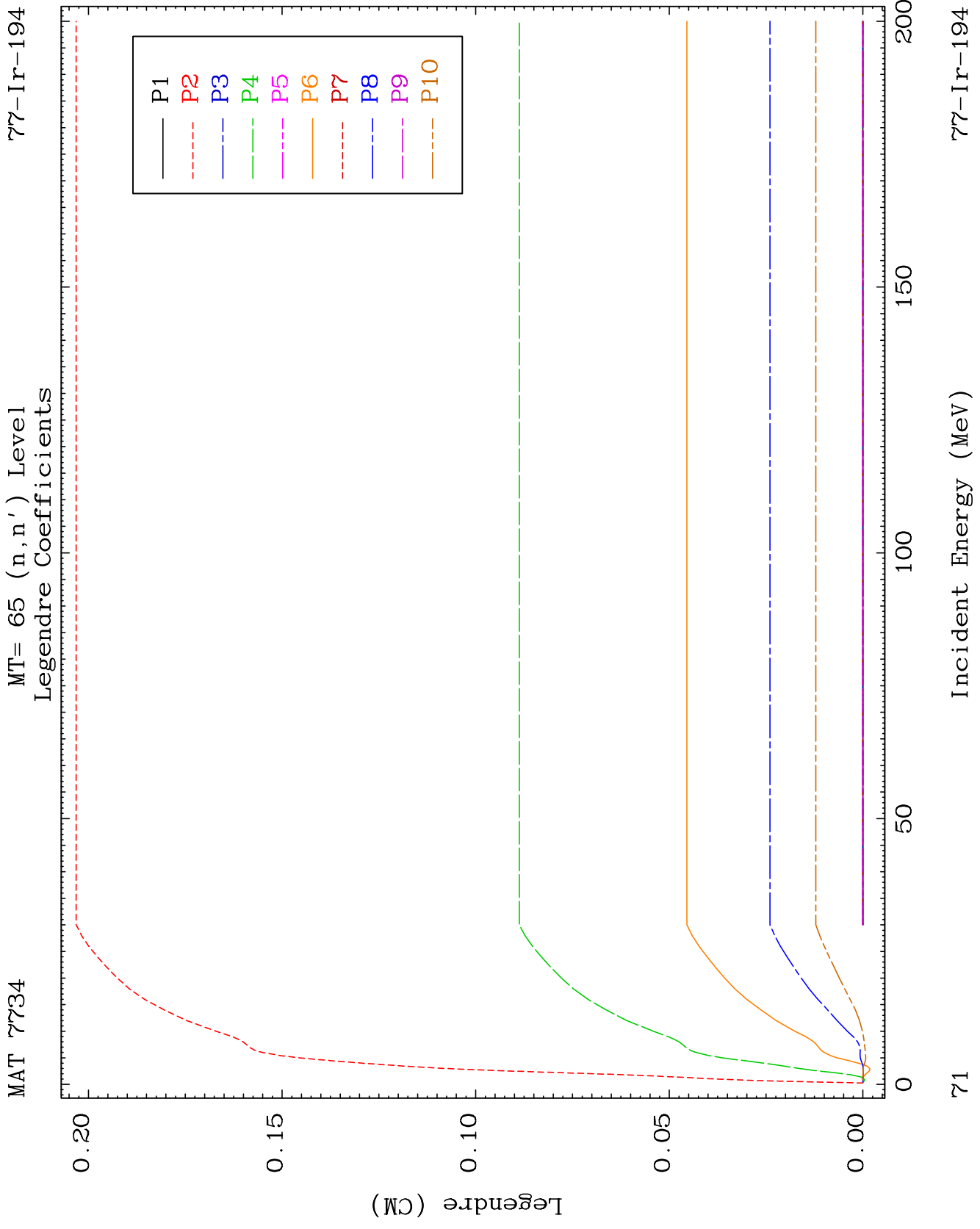
77-Ir-194



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Incident Energy (MeV)

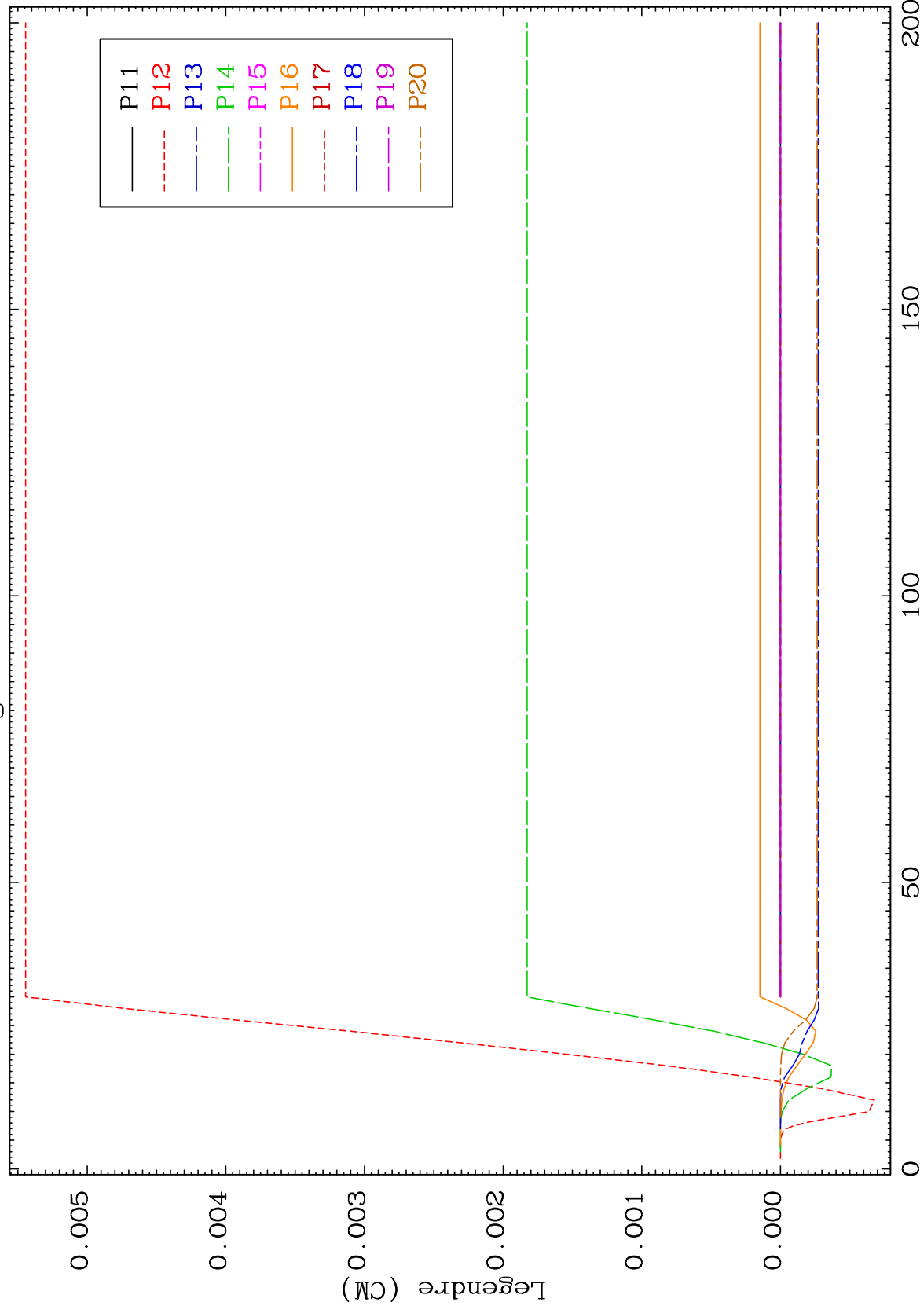
77-Ir-194



MAT 7734

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

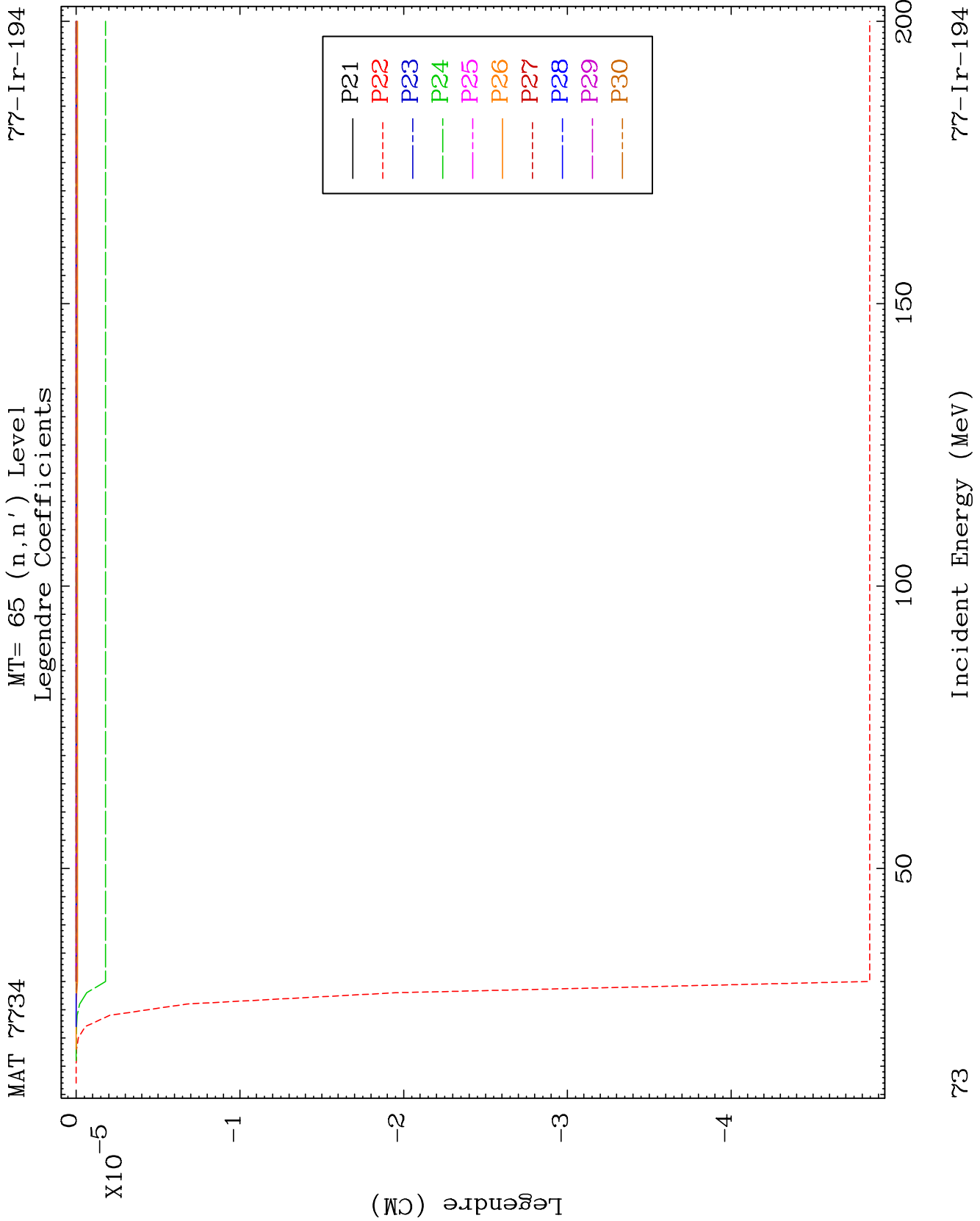
77-Ir-194



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Incident Energy (MeV)

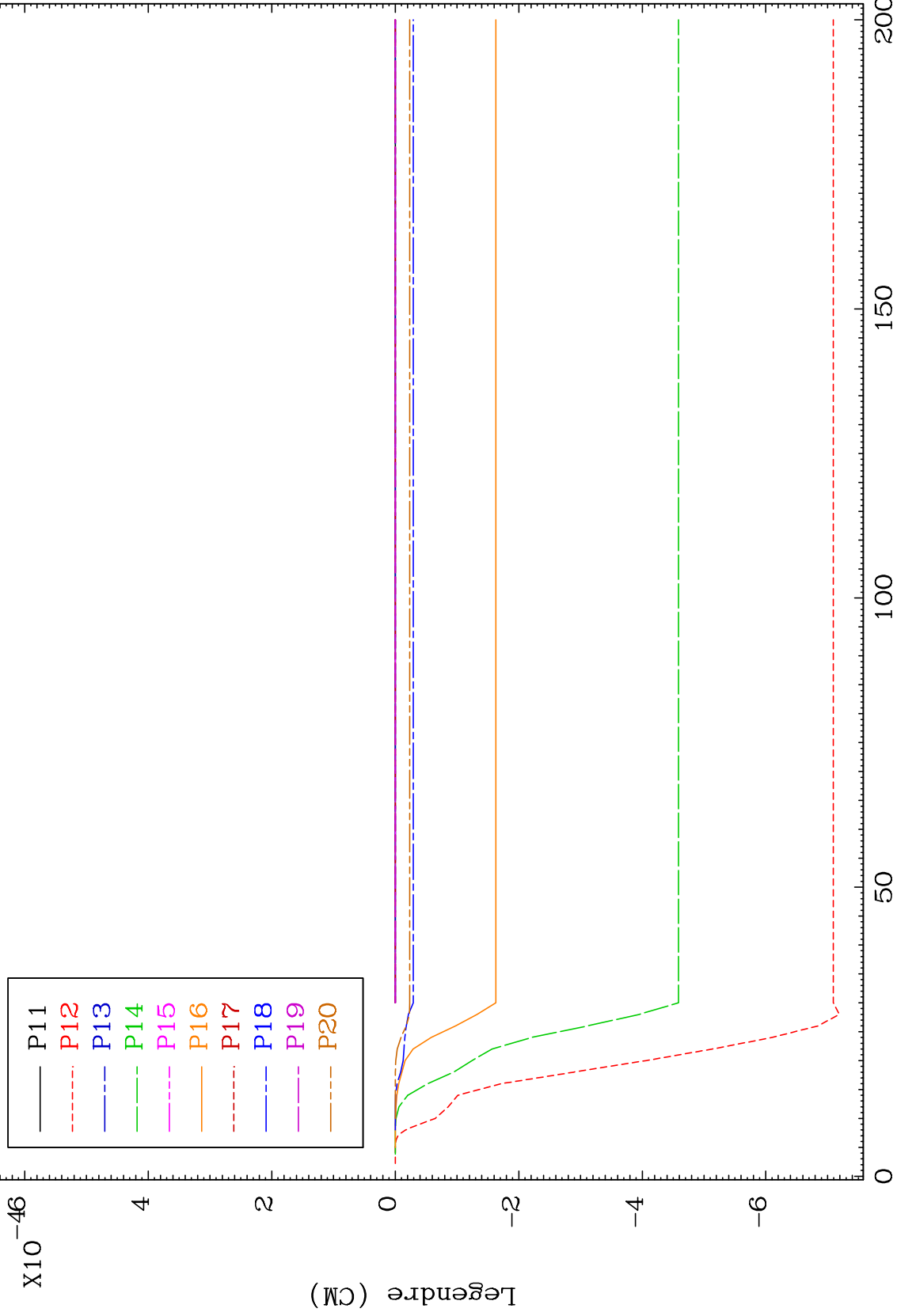
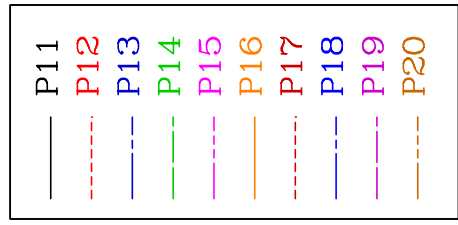
77-Ir-194



MAT 7734

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

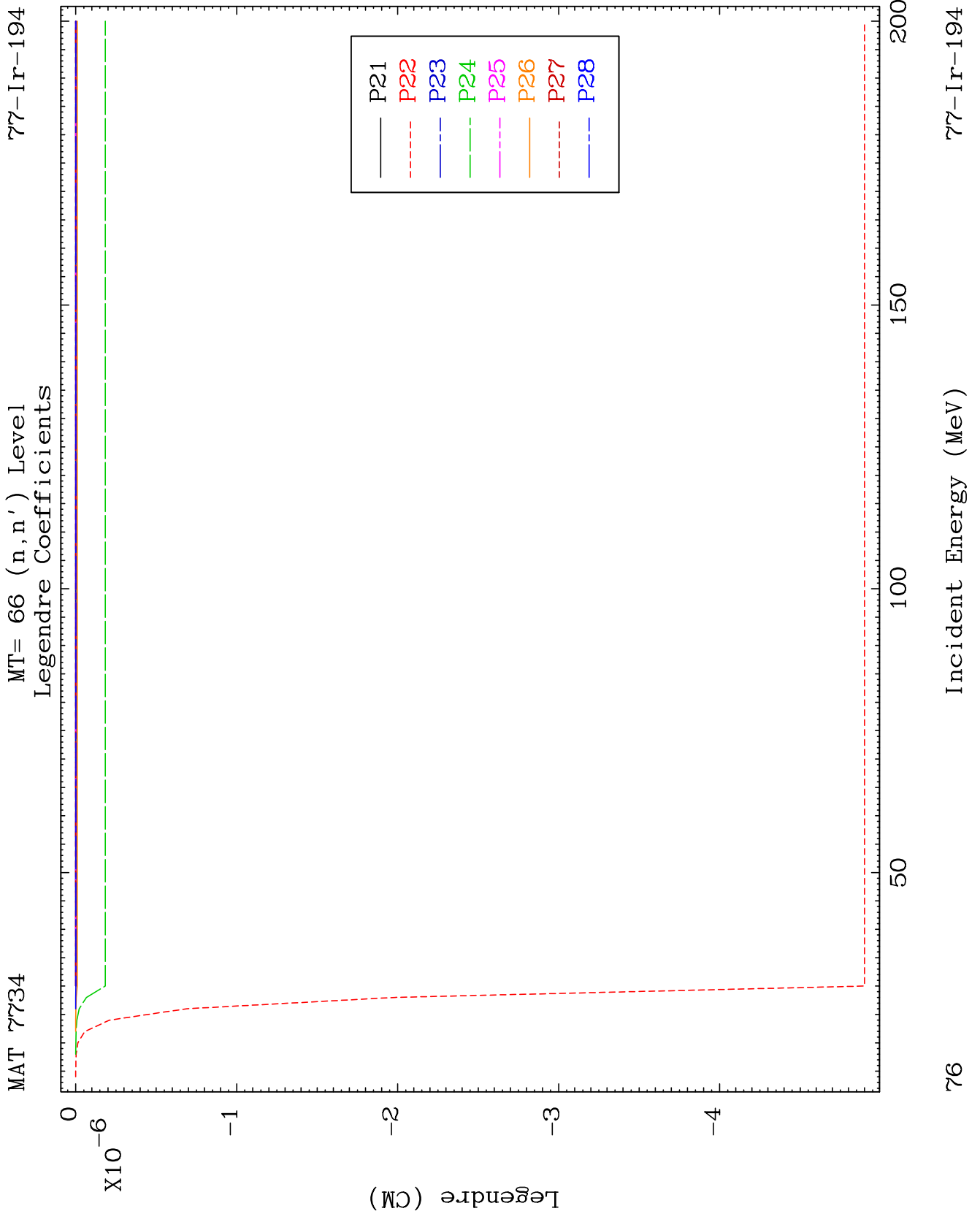
77-Ir-194

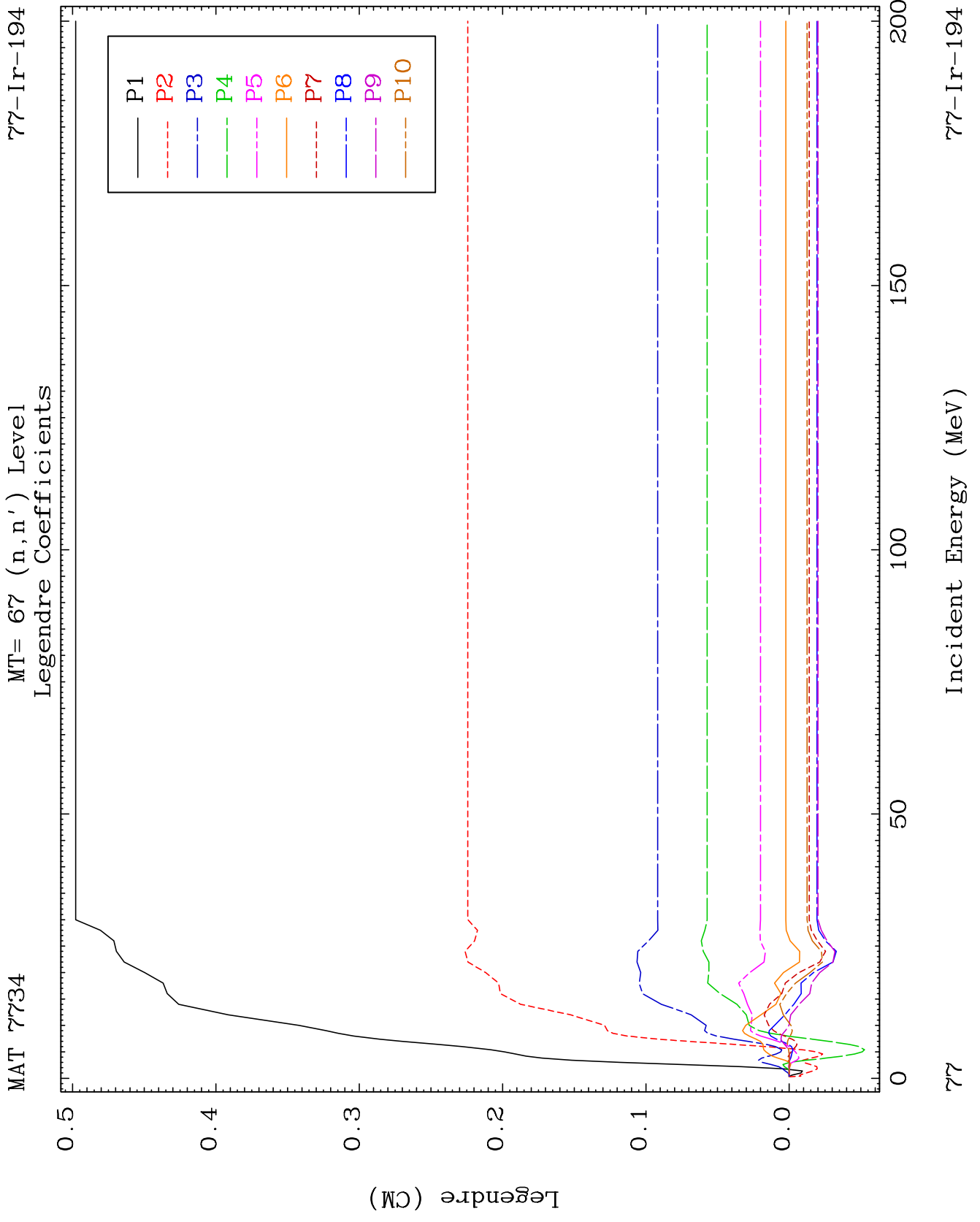


75

Incident Energy (MeV)

77-Ir-194

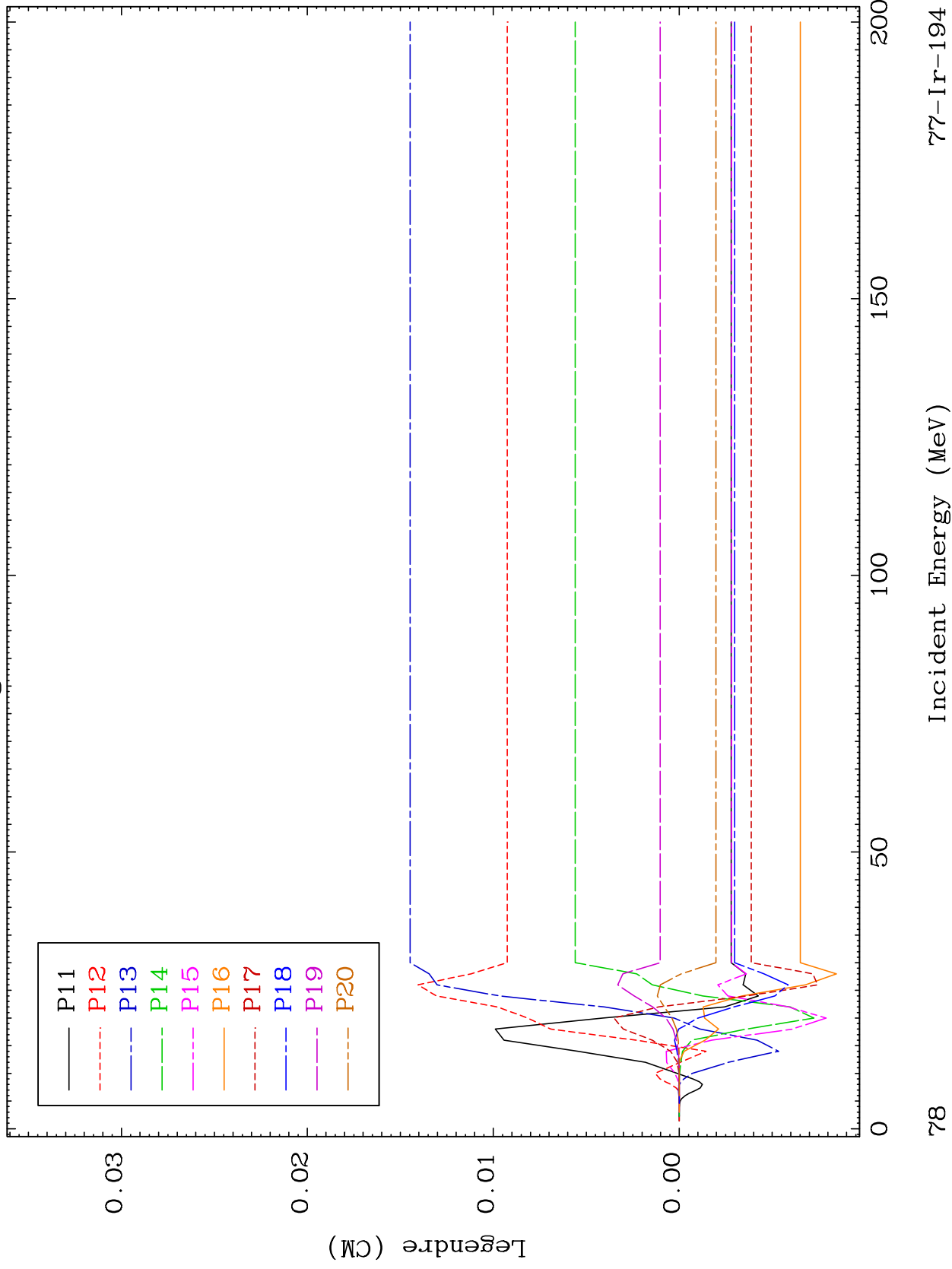




MAT 7734

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

77-Ir-194

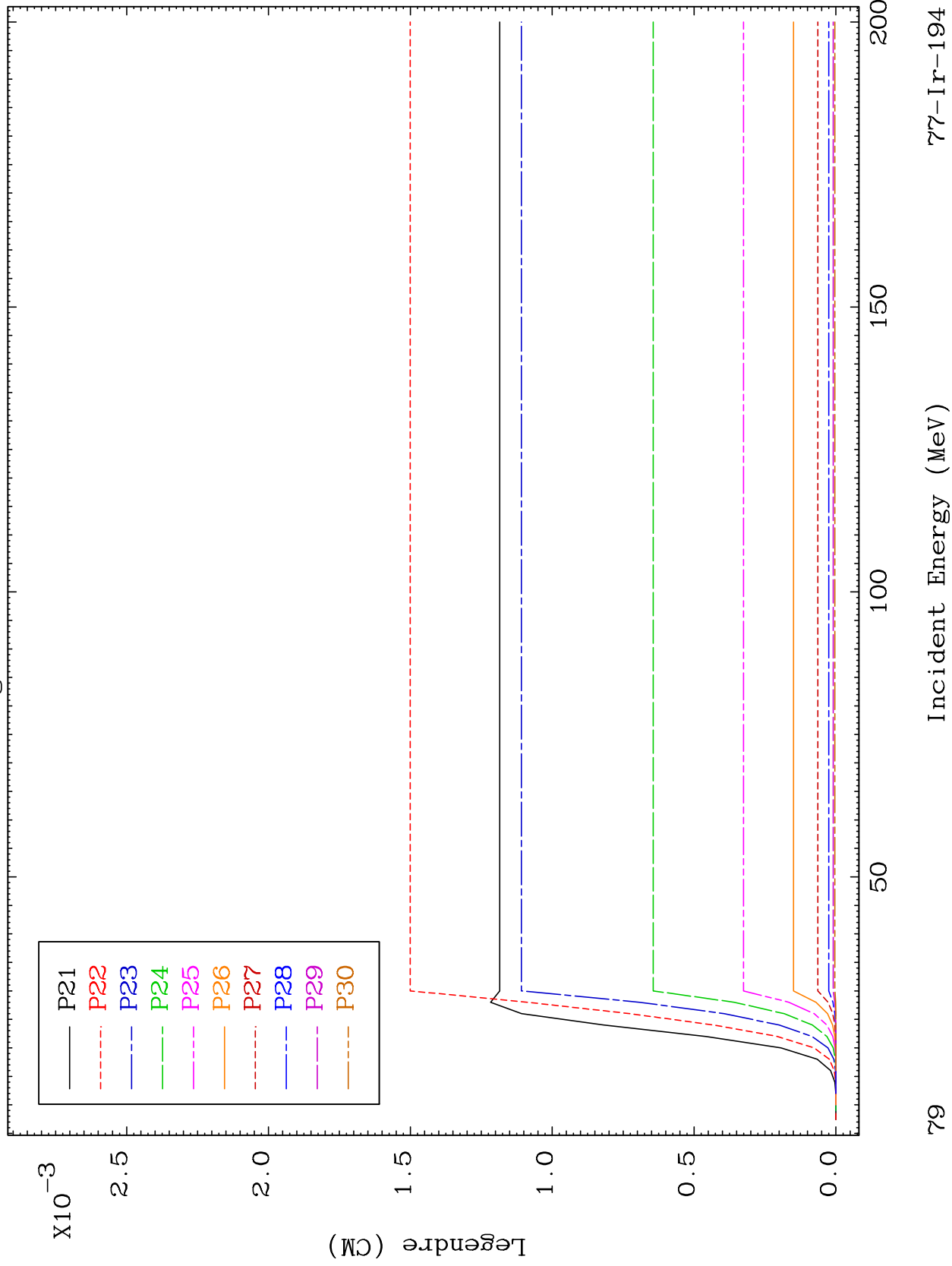


78

MAT 7734

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

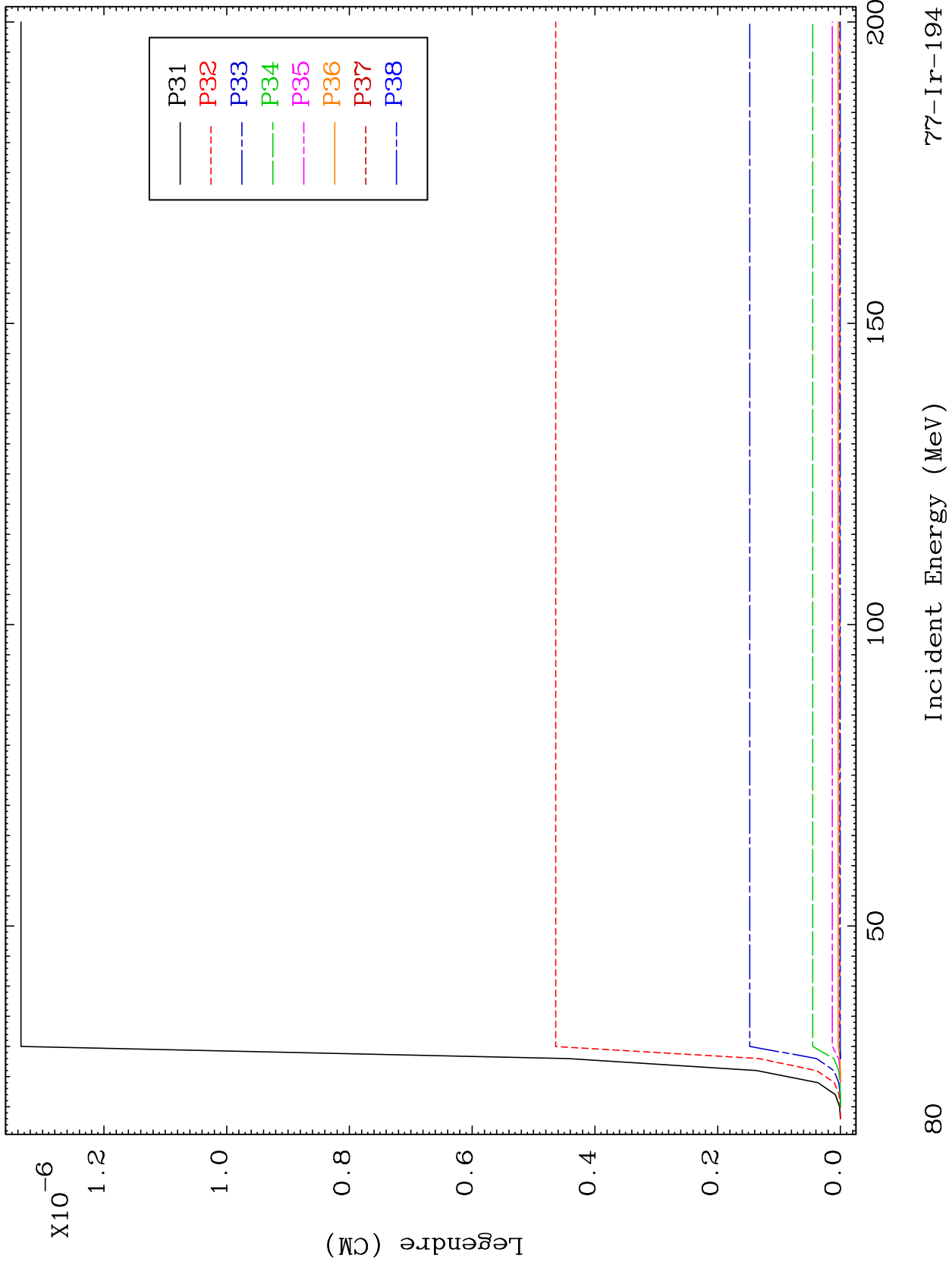
77-Ir-194



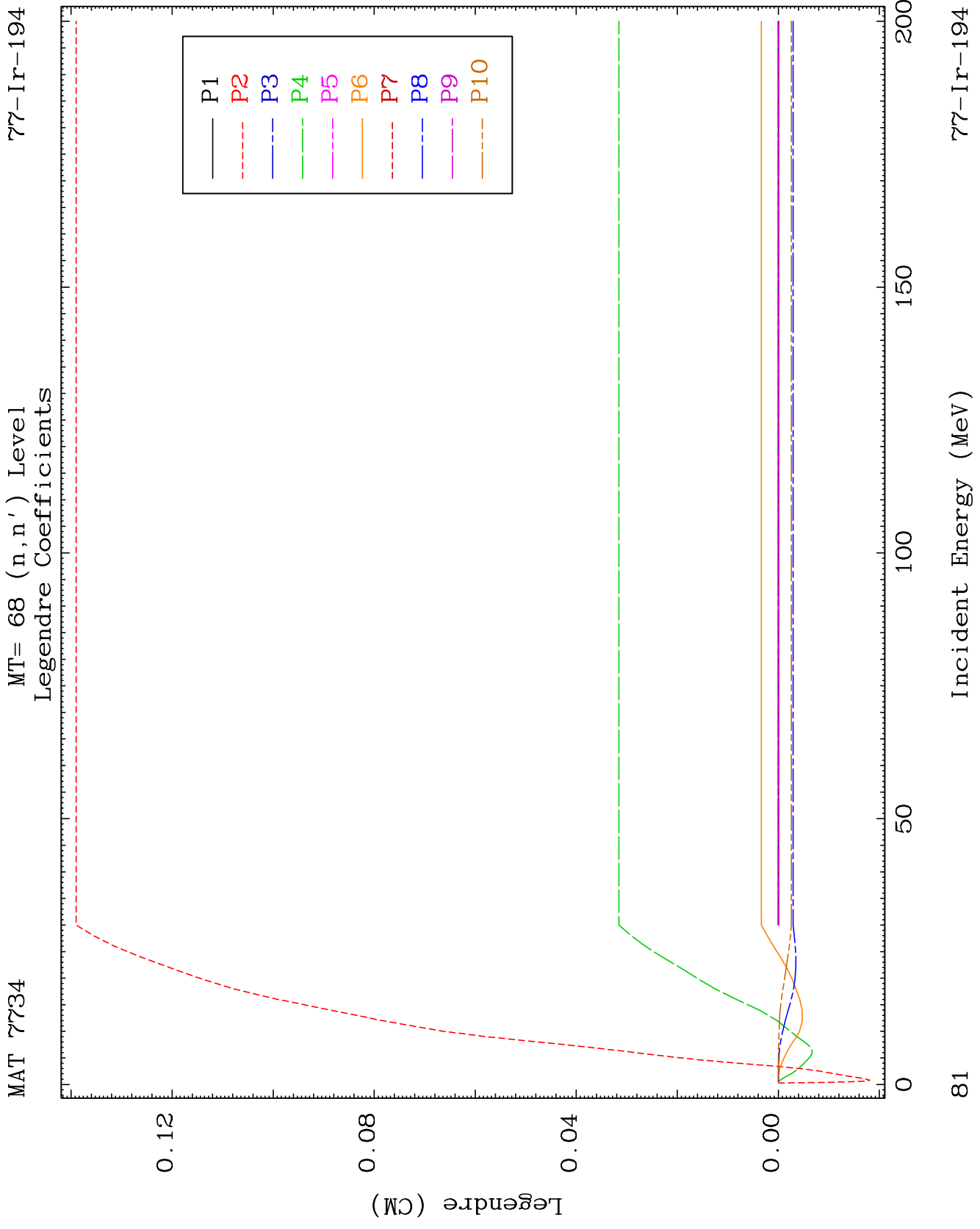
MAT 7734

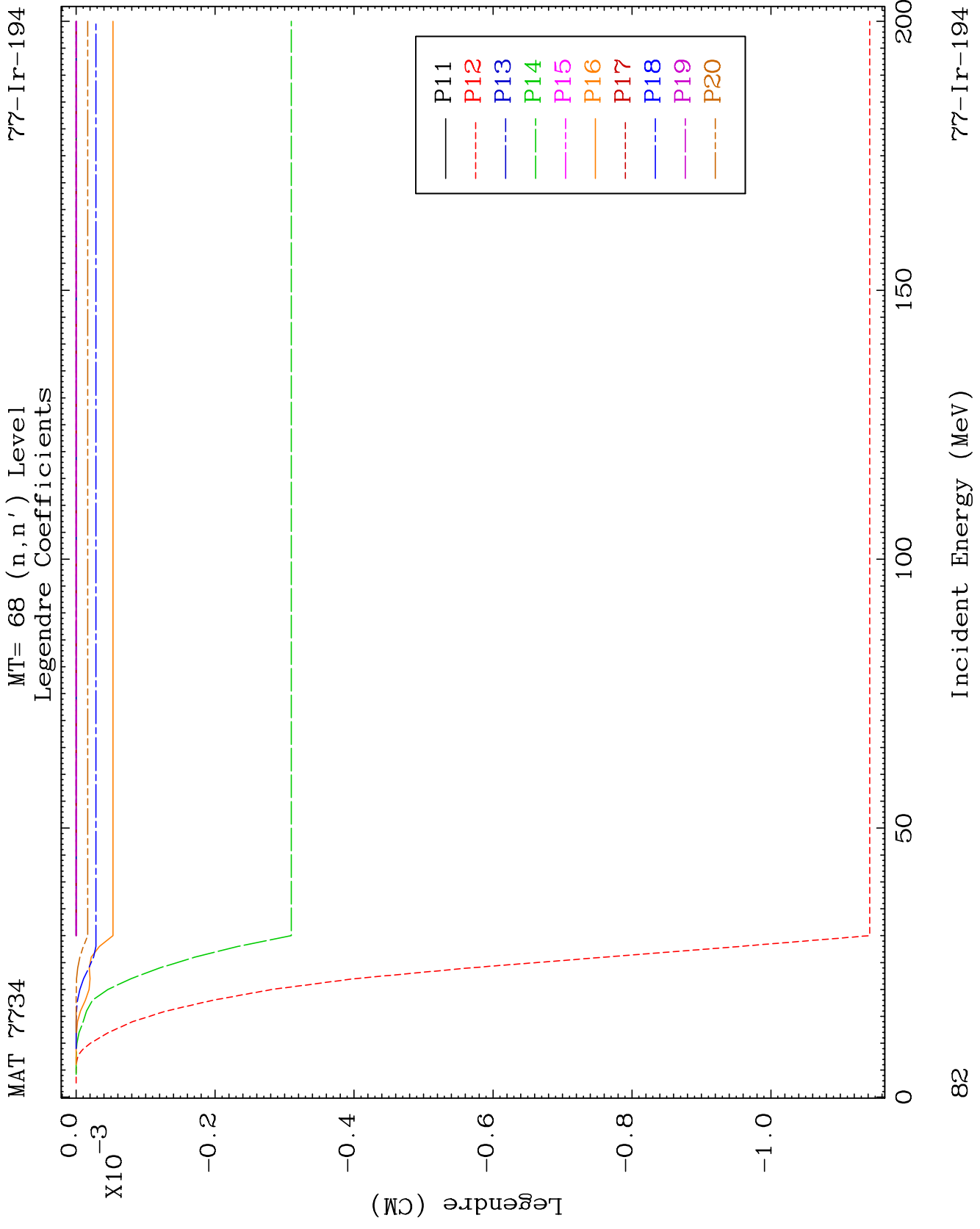
MT= 67 (n,n') Level
Legendre Coefficients

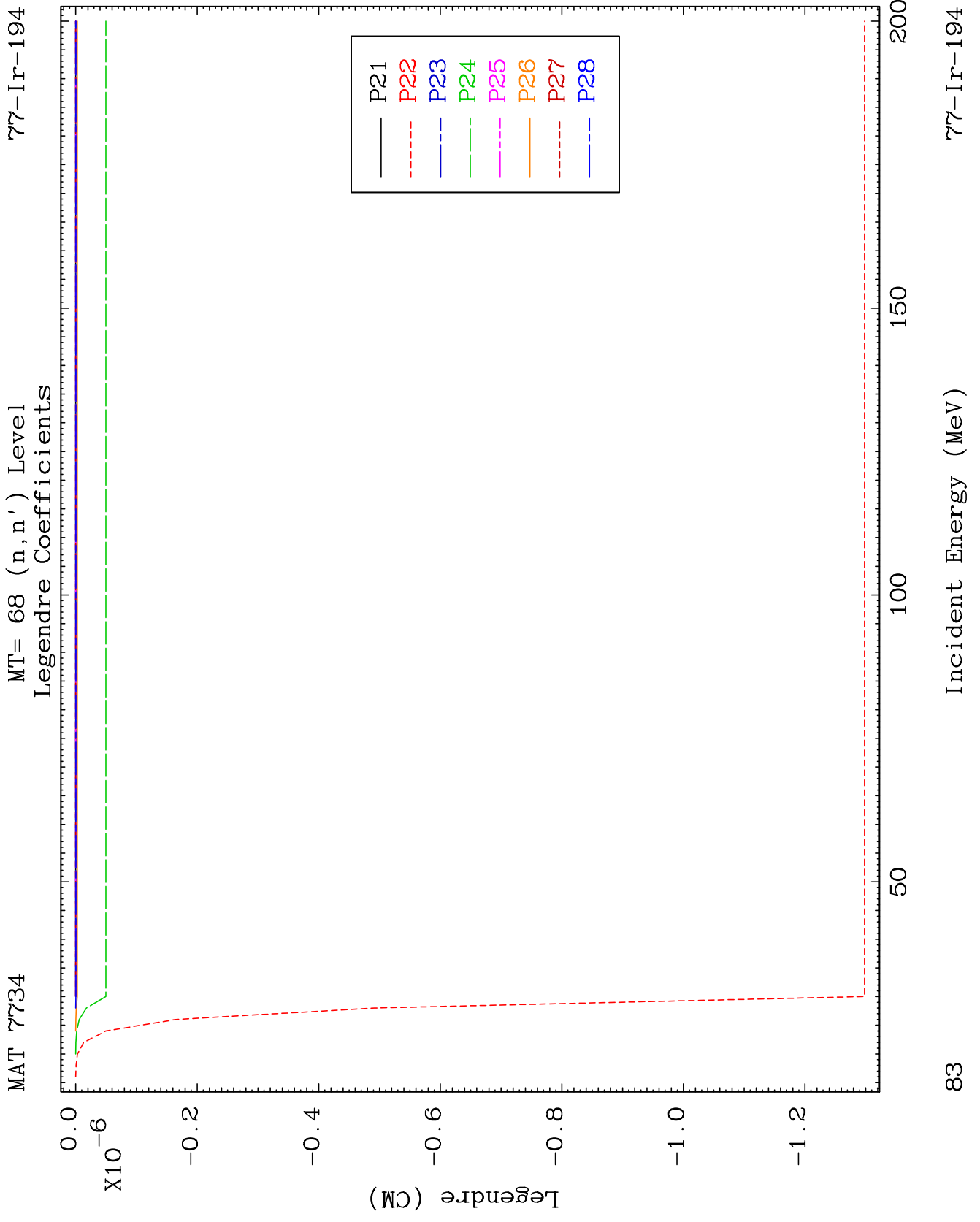
77-Ir-194



77-Ir-194



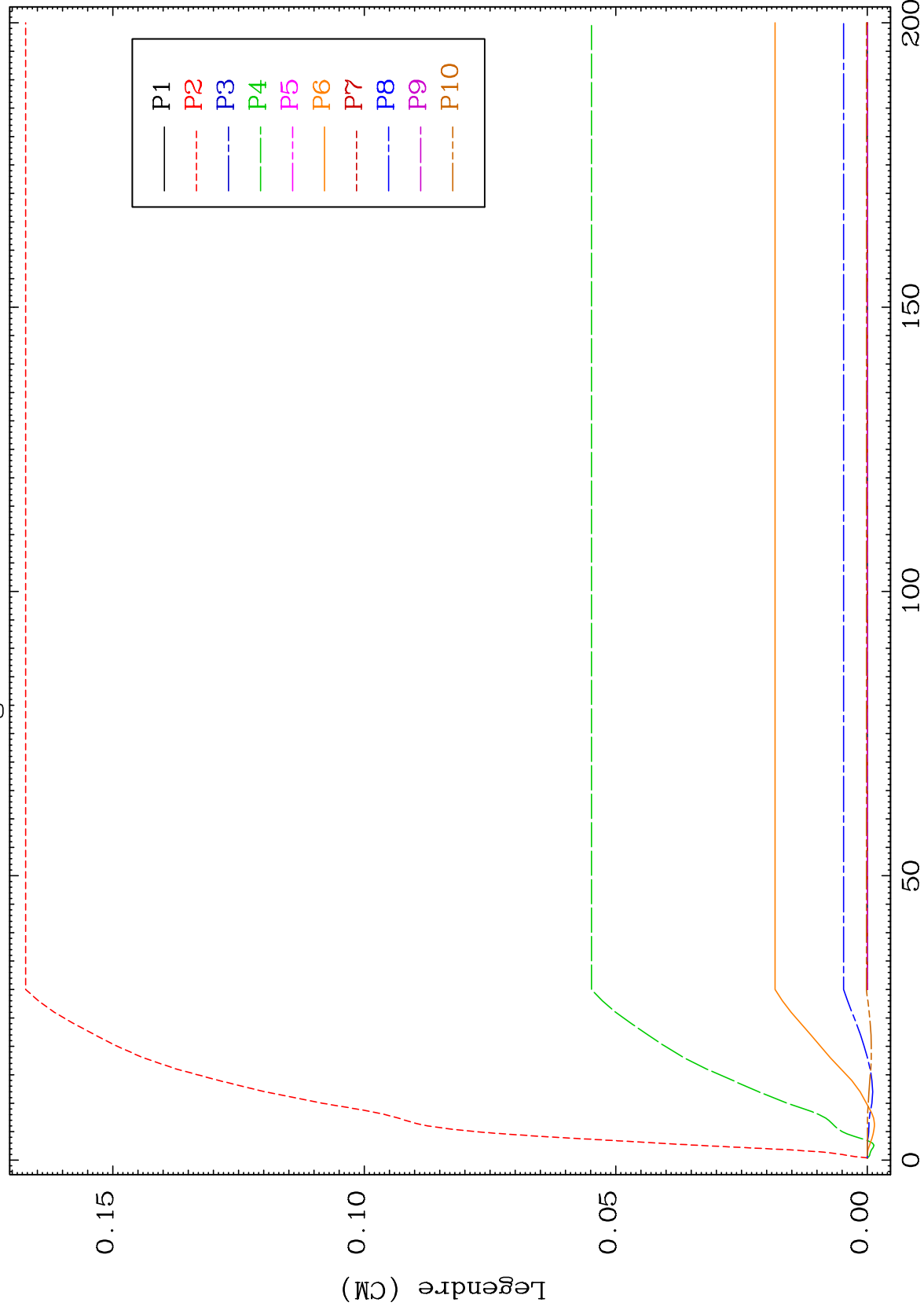




MAT 7734

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

77-Ir-194



84

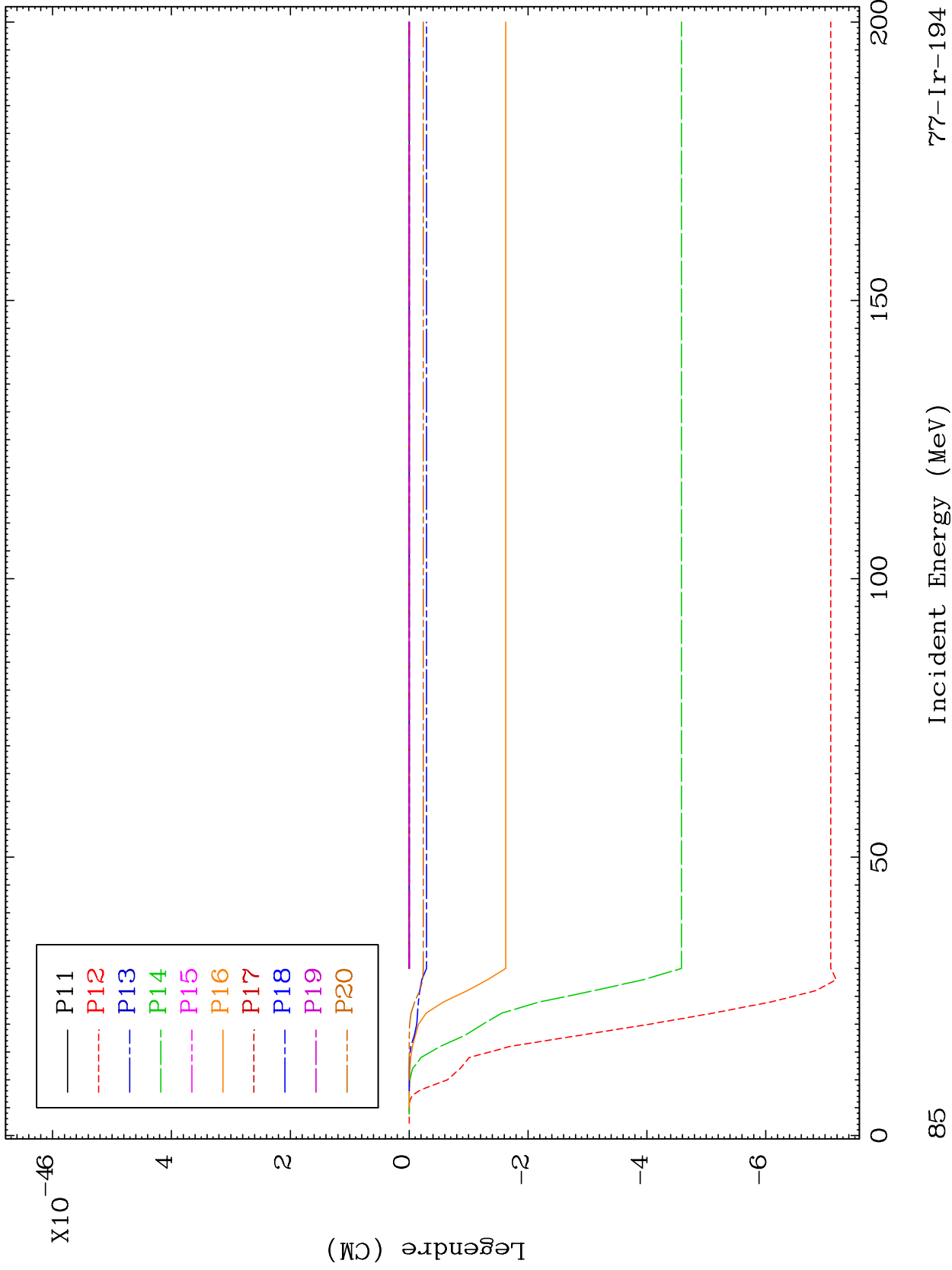
Incident Energy (MeV)

77-Ir-194

MAT 7734

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

77-Ir-194



77-Ir-194

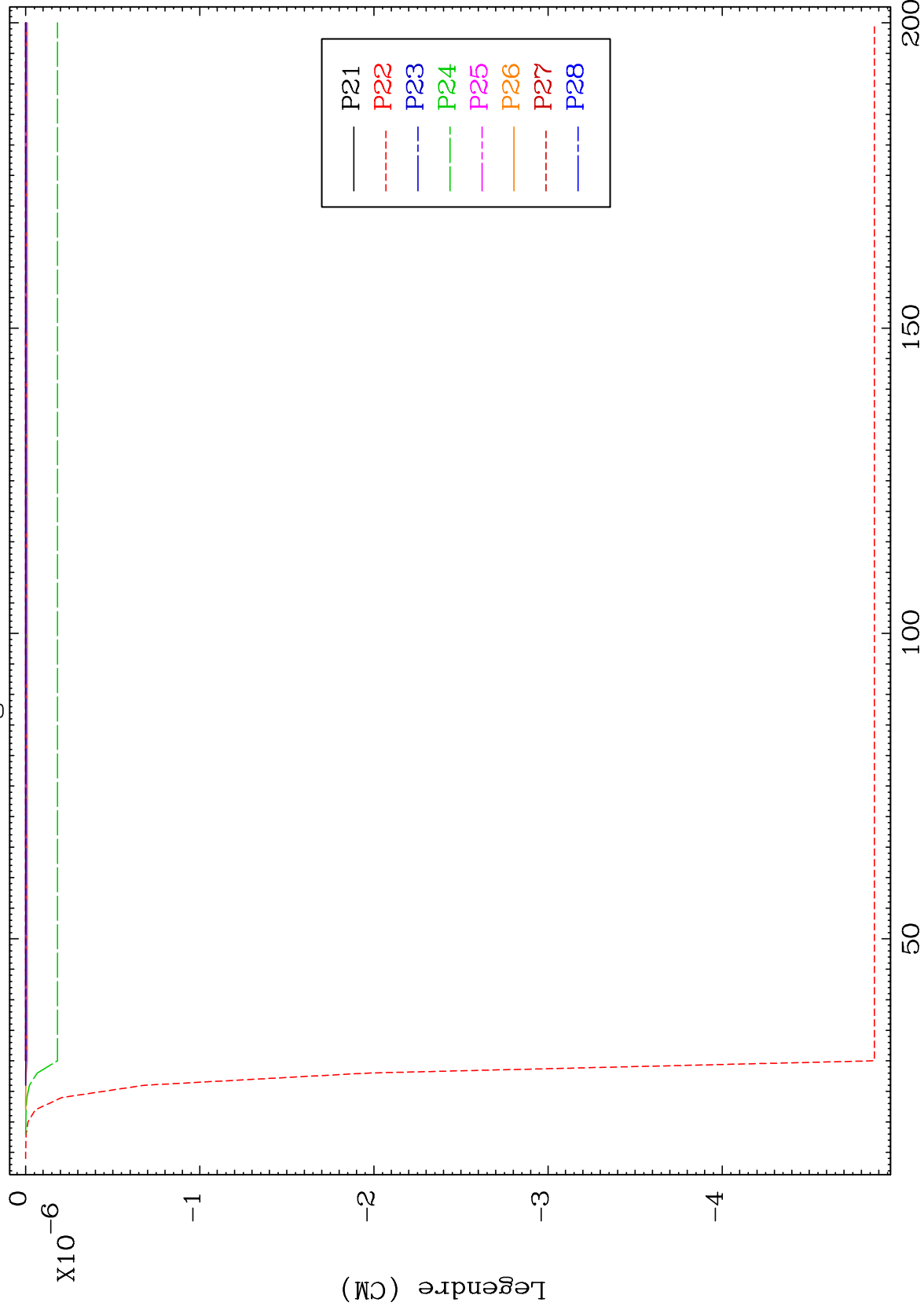
Incident Energy (MeV)

85

MAT 7734

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

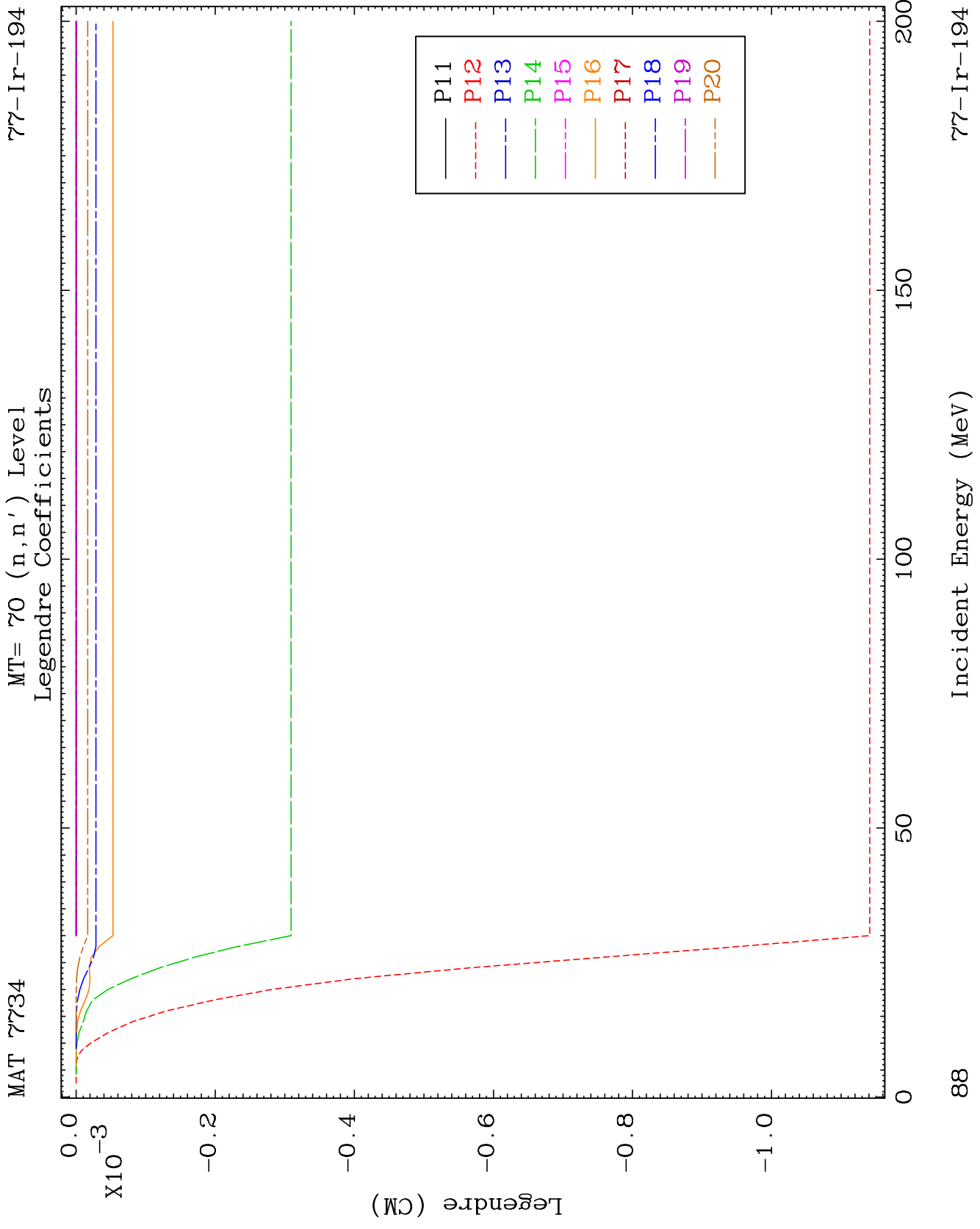
77-Ir-194

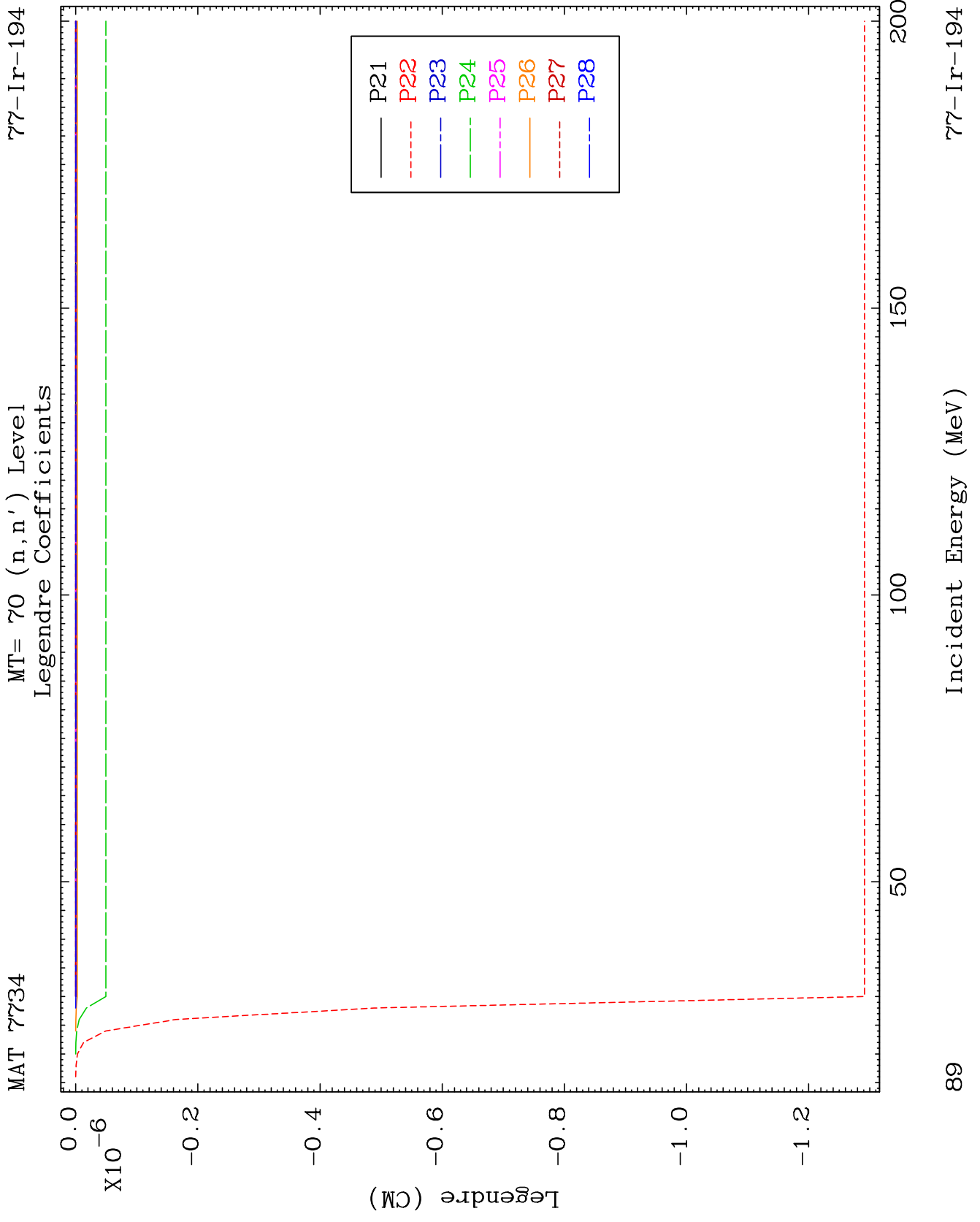


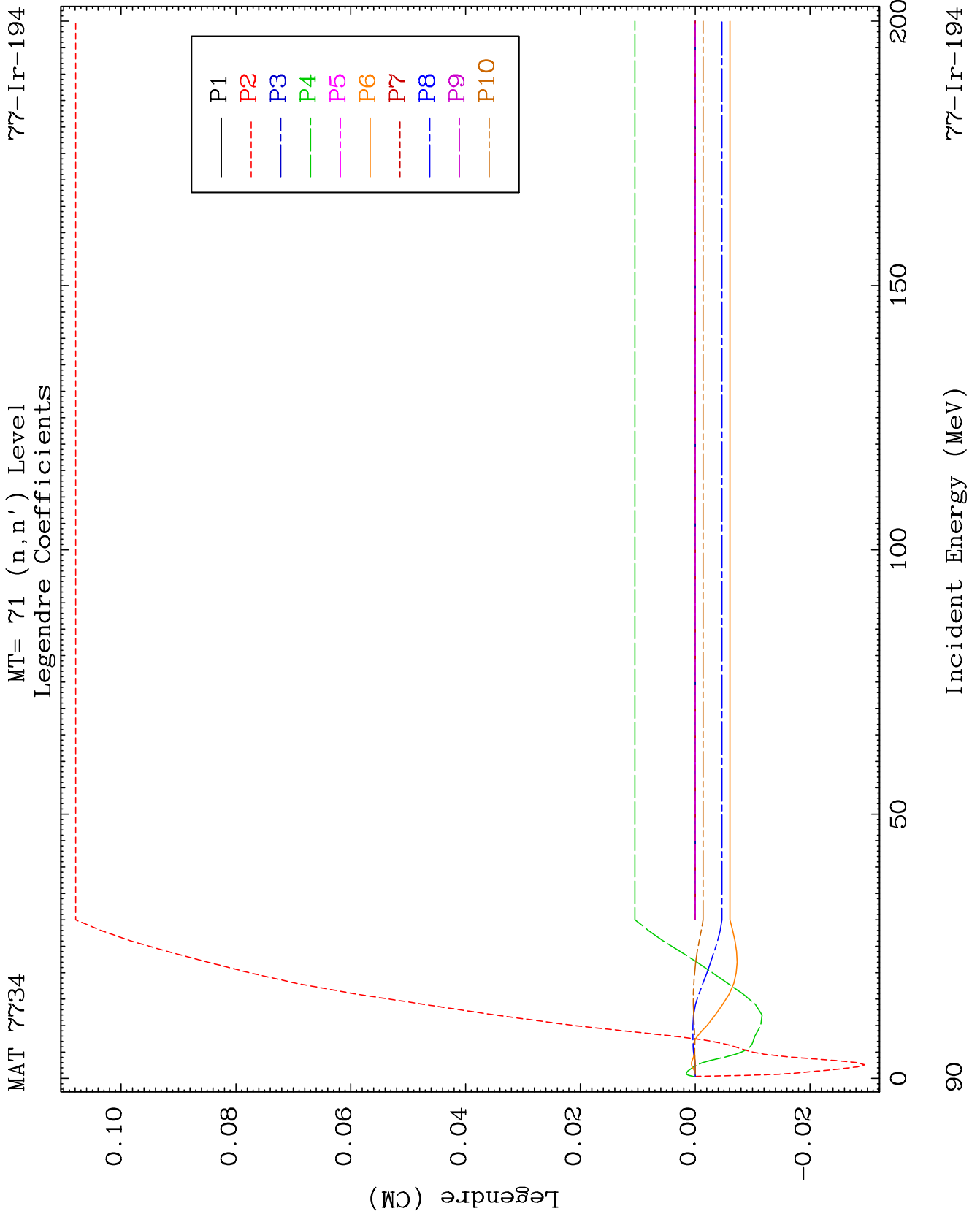
86

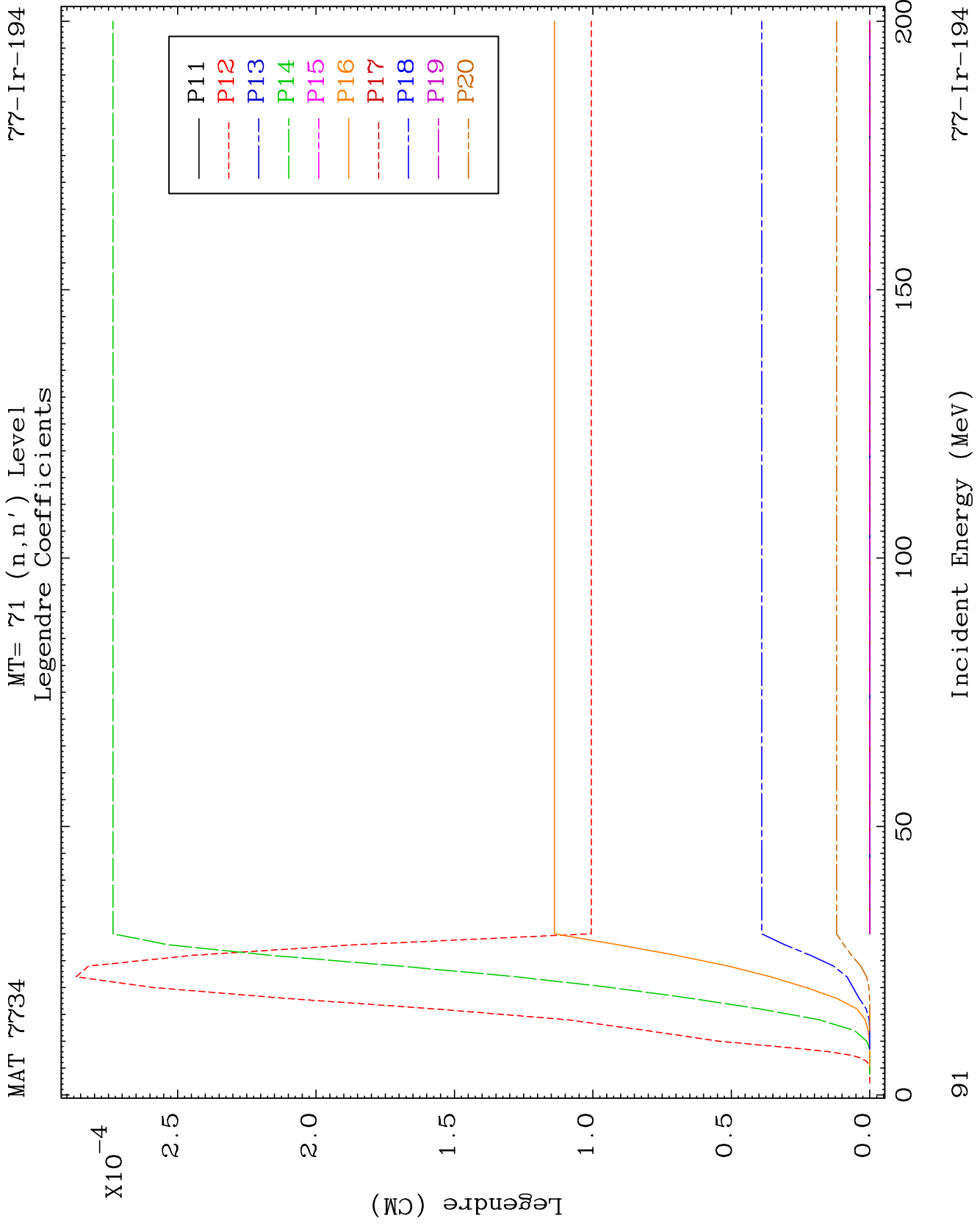
Incident Energy (MeV)

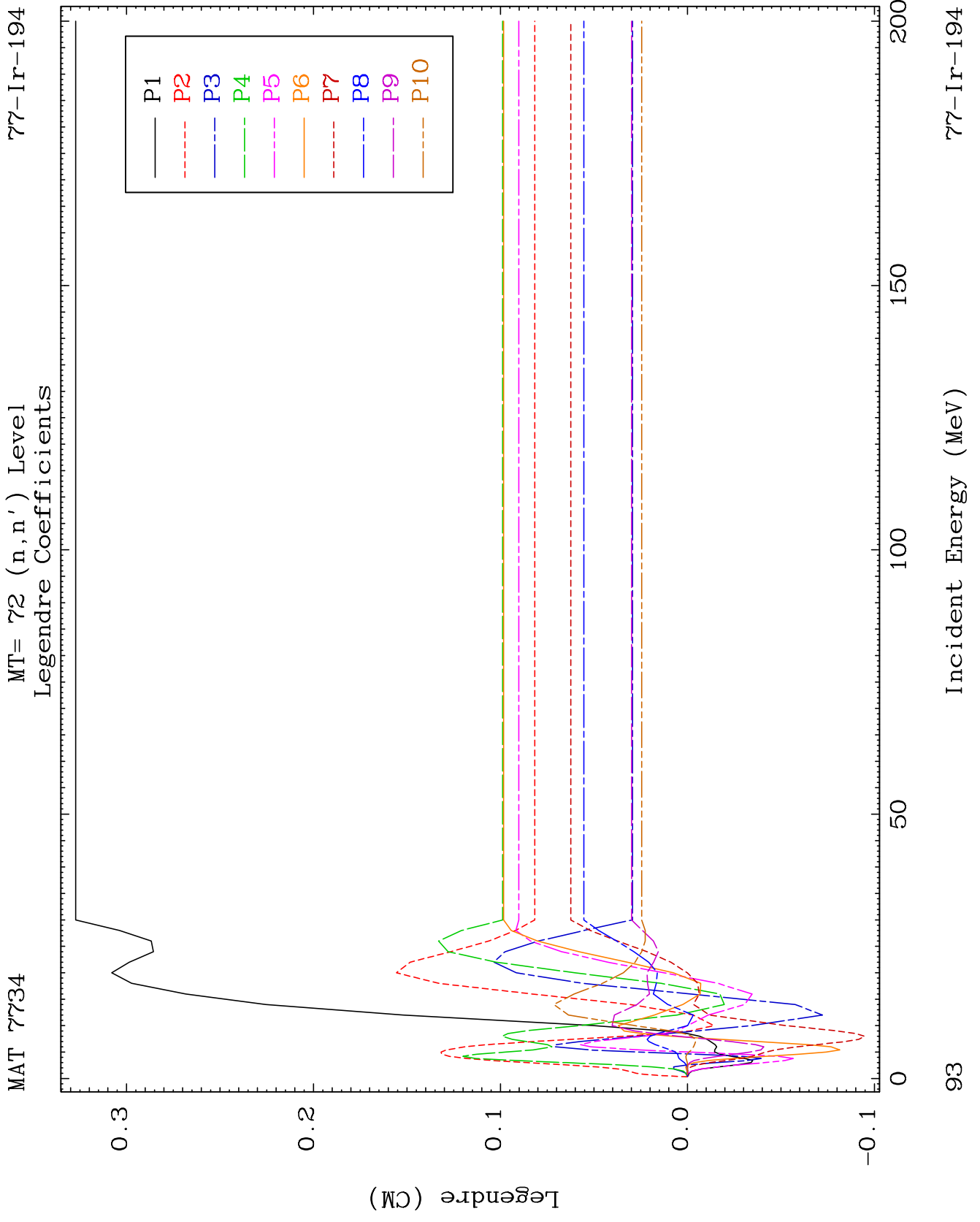
77-Ir-194







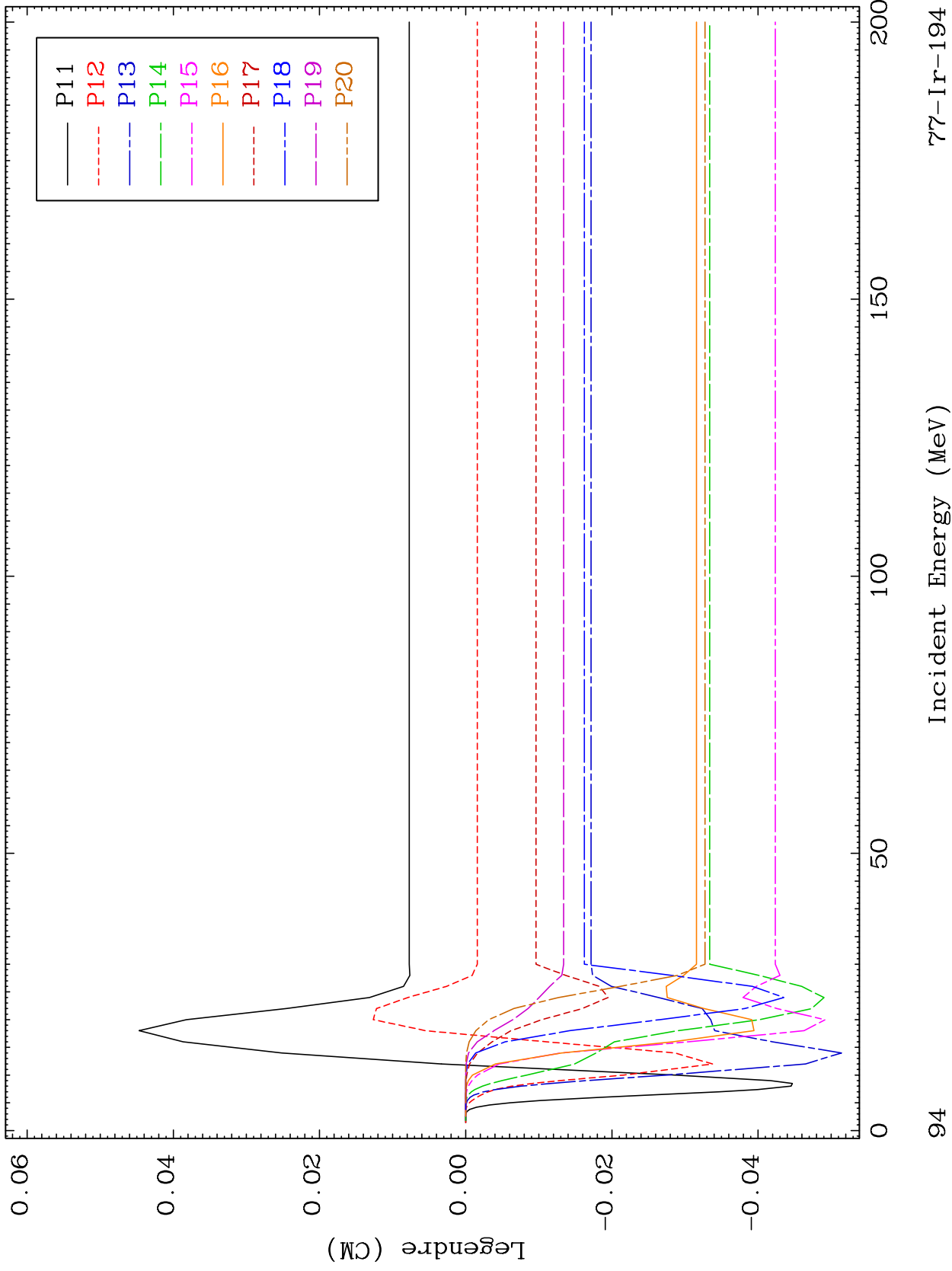




MAT 7734

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

77-Ir-194



94

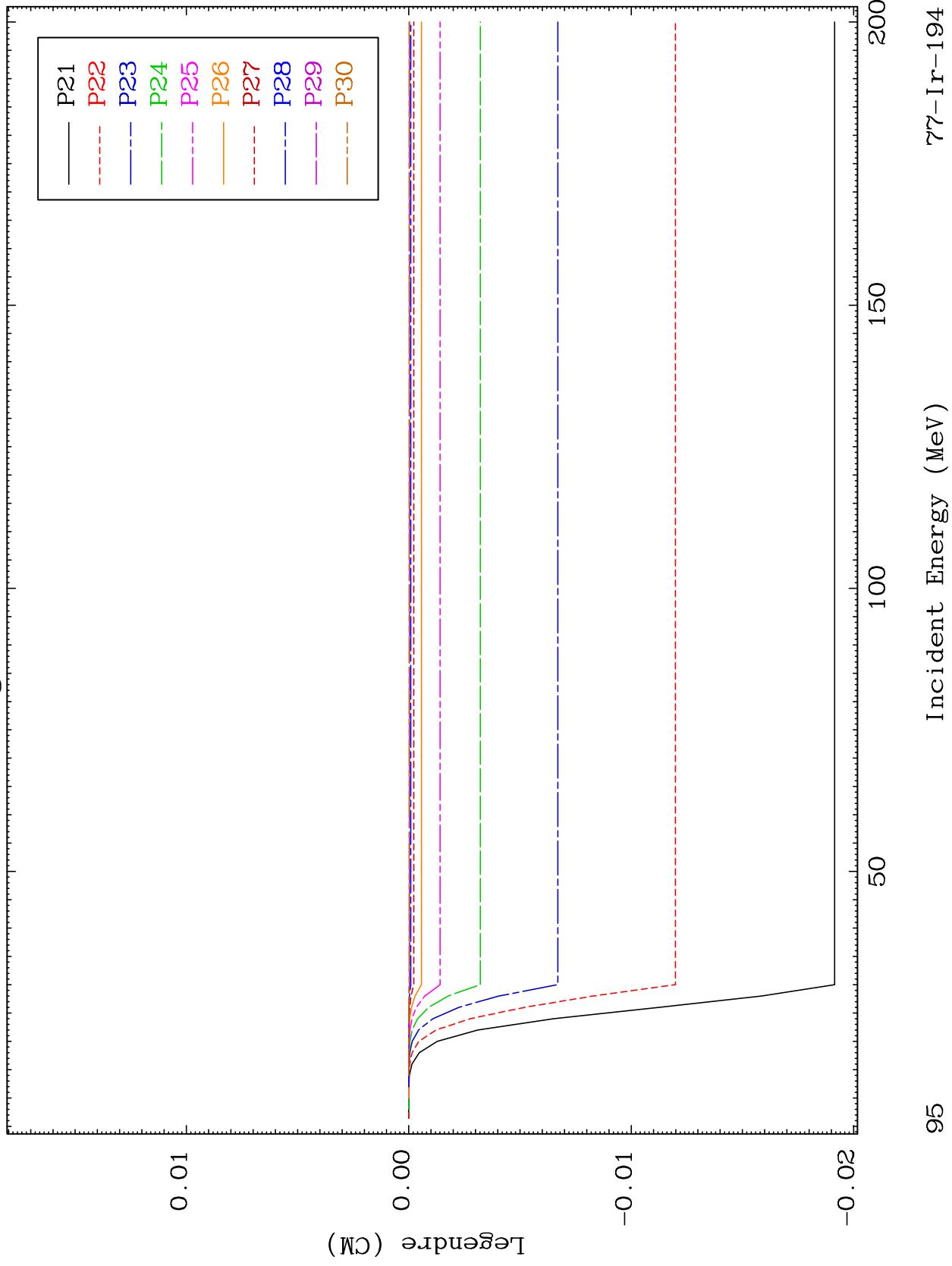
Incident Energy (MeV)

77-Ir-194

MAT 7734

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

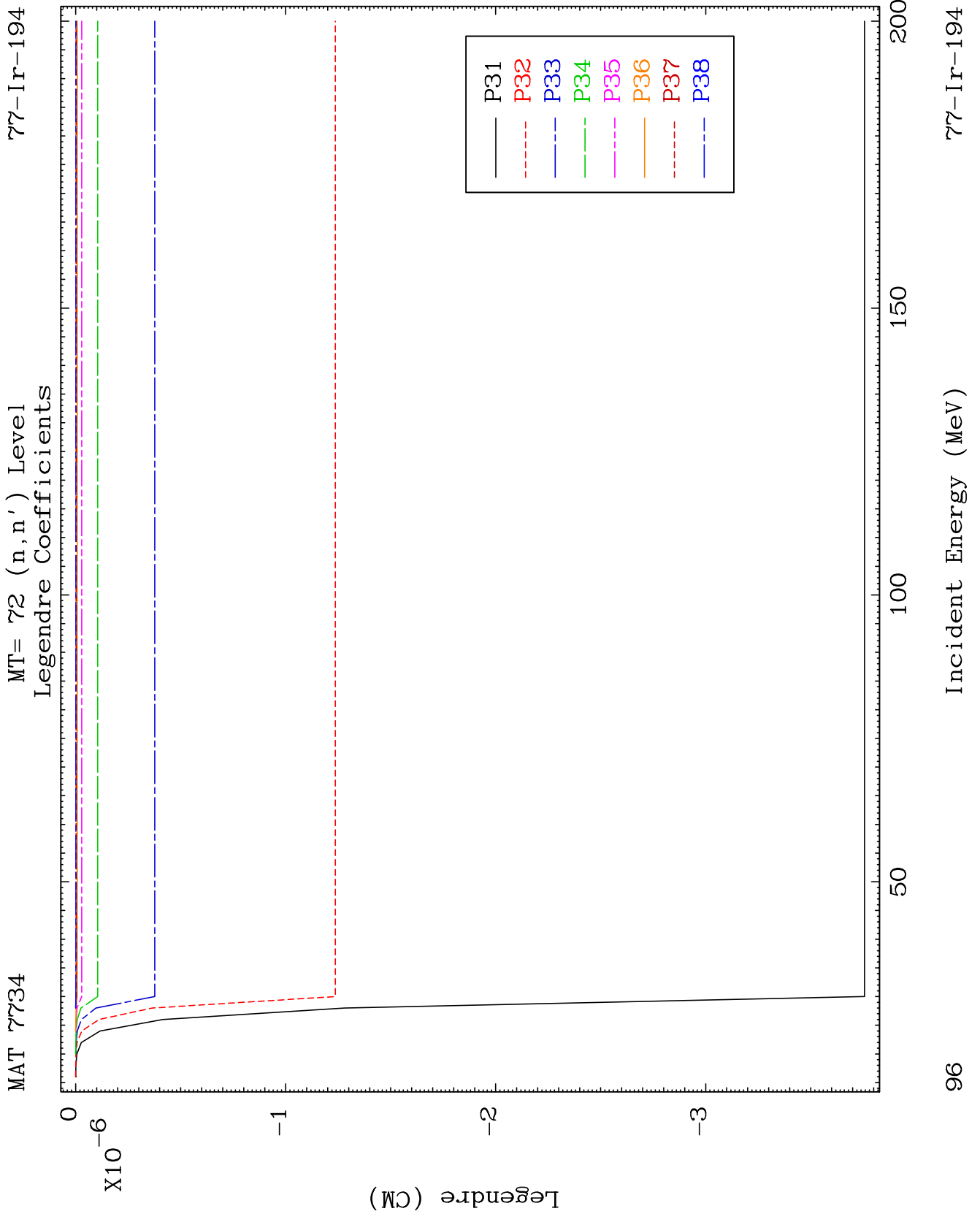
77-Ir-194



95

Incident Energy (MeV)

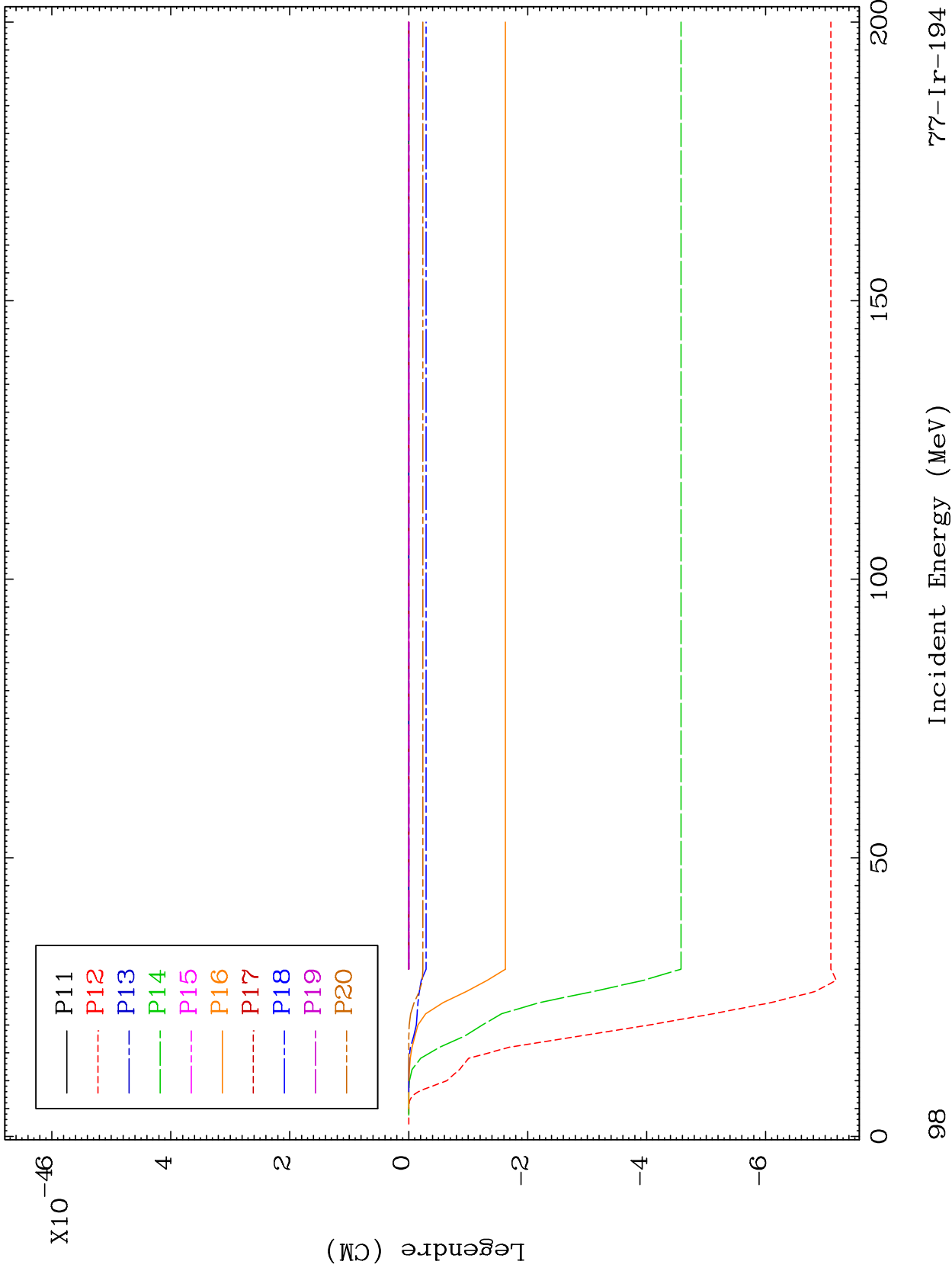
77-Ir-194



MAT 7734

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

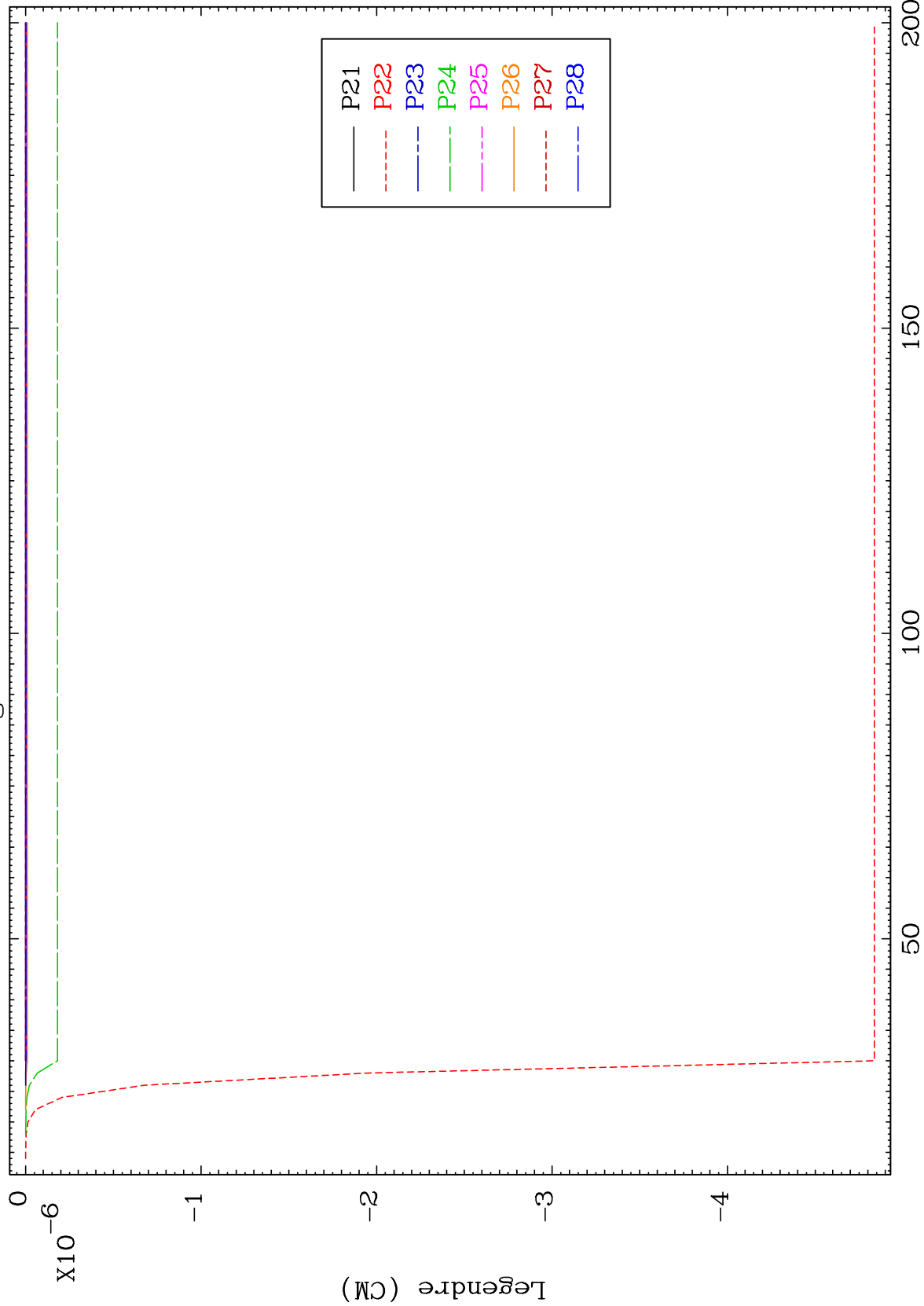
77-Ir-194



MAT 7734

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

77-Ir-194



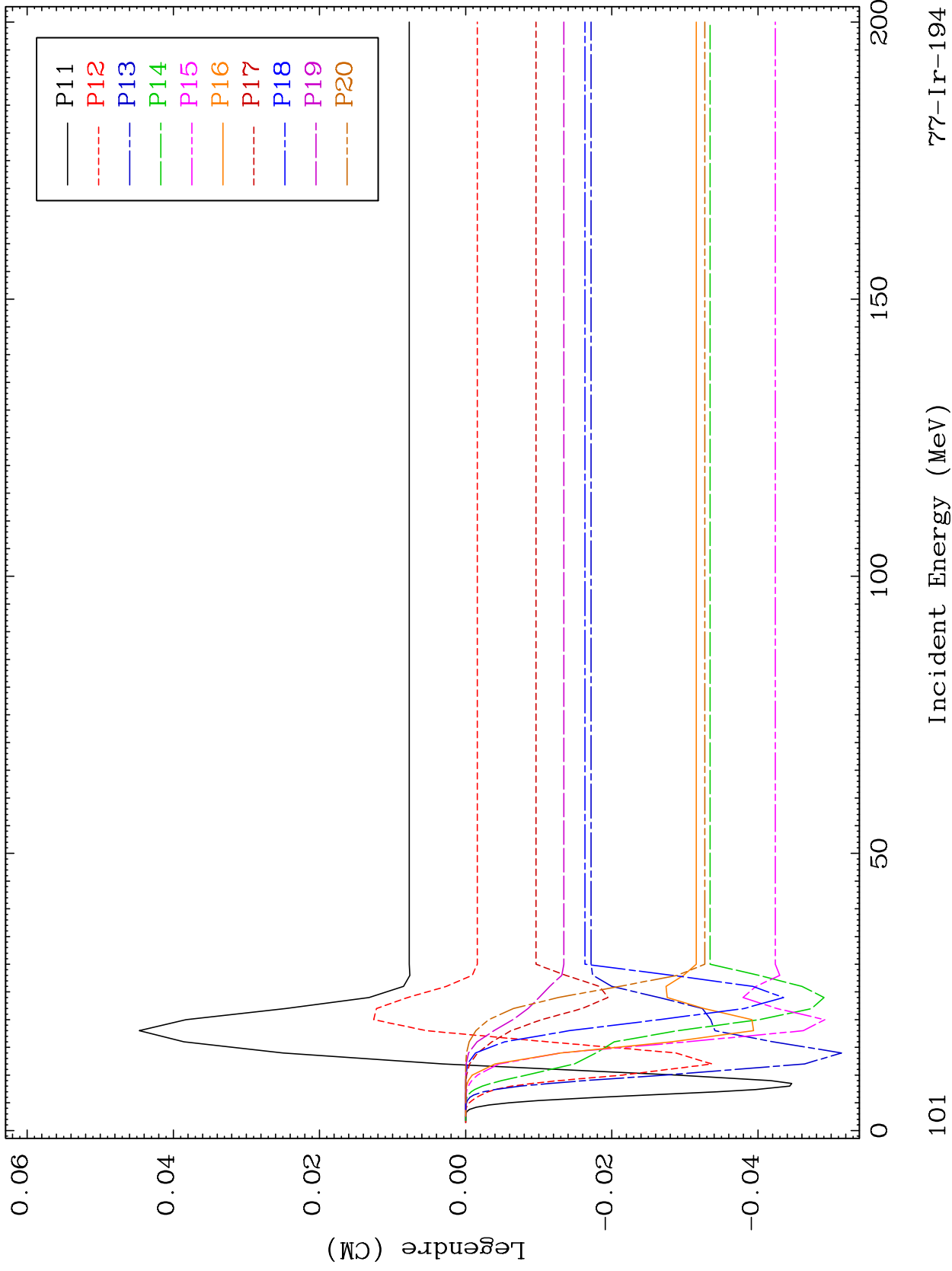
99

77-Ir-194

MAT 7734

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

77-Ir-194



77-Ir-194

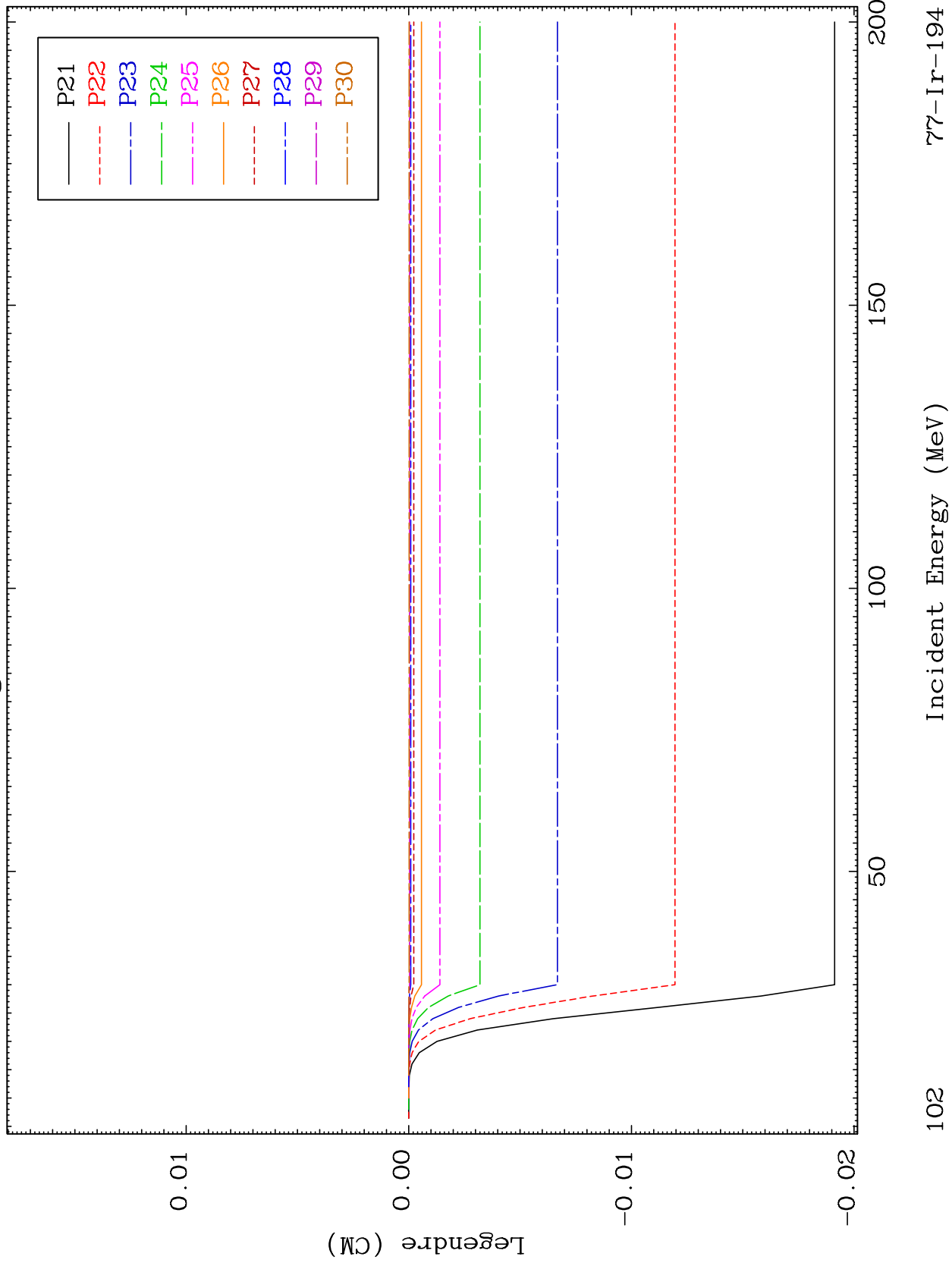
Incident Energy (MeV)

101

MAT 7734

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

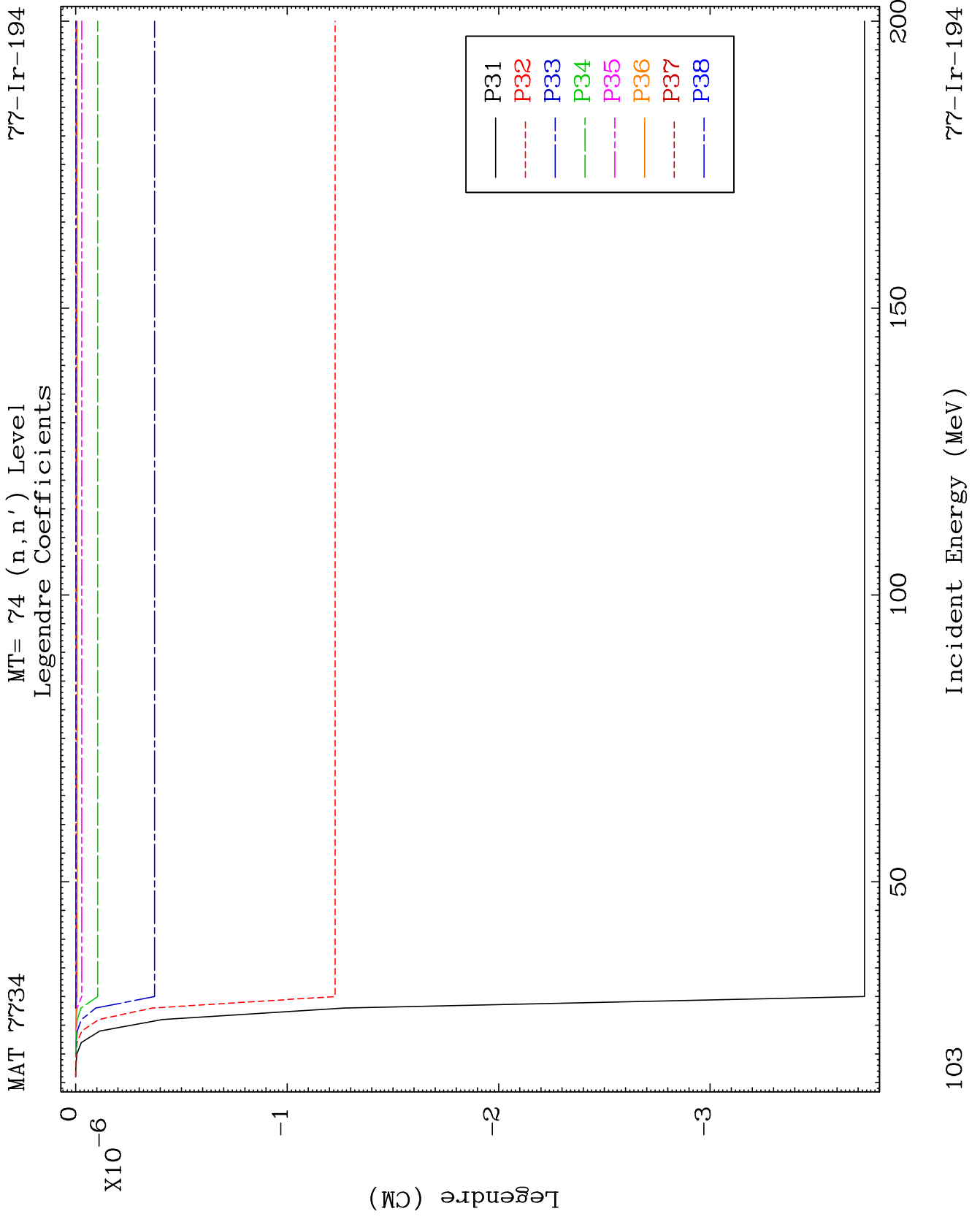
77-Ir-194



102

Incident Energy (MeV)

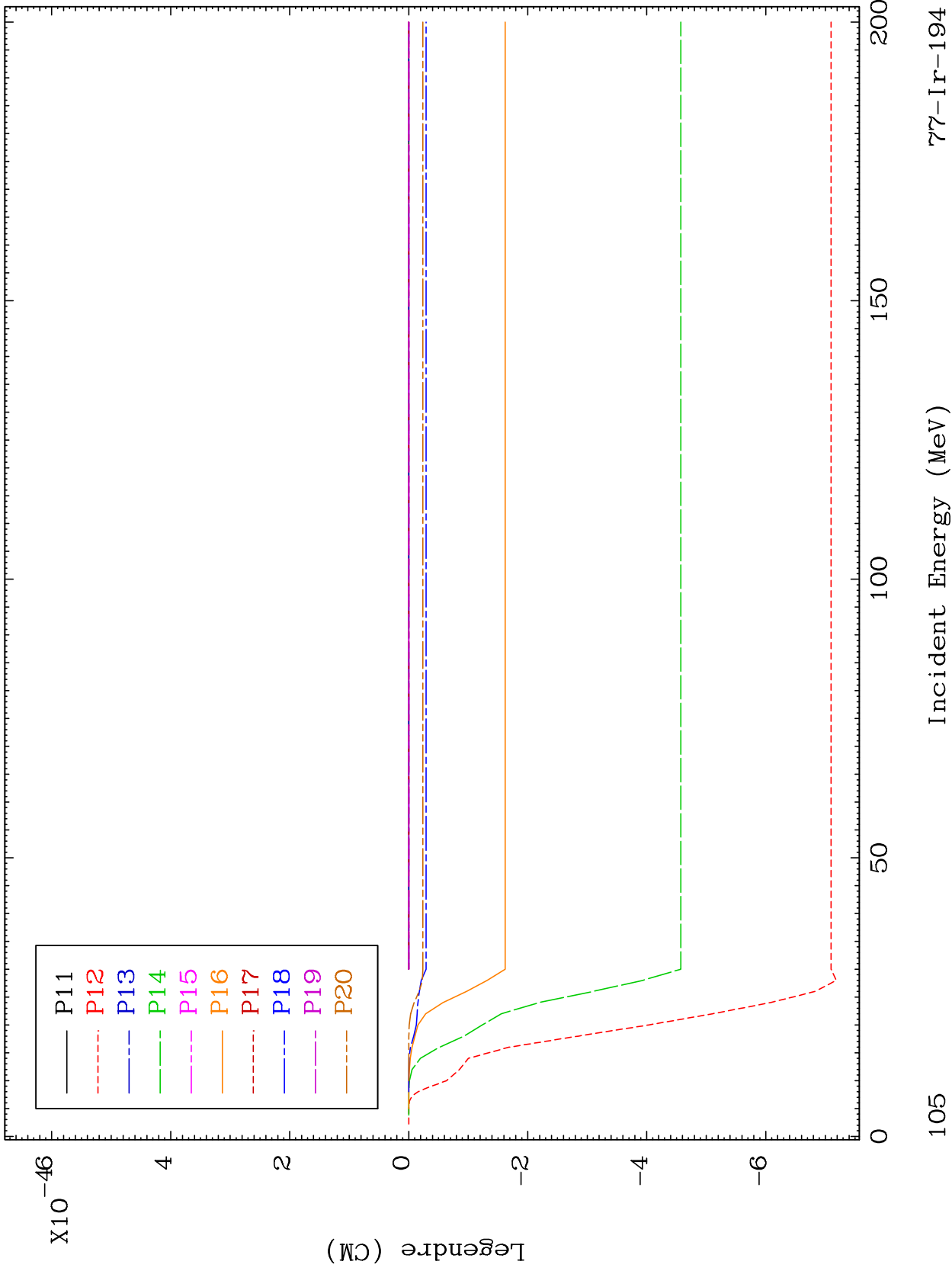
77-Ir-194

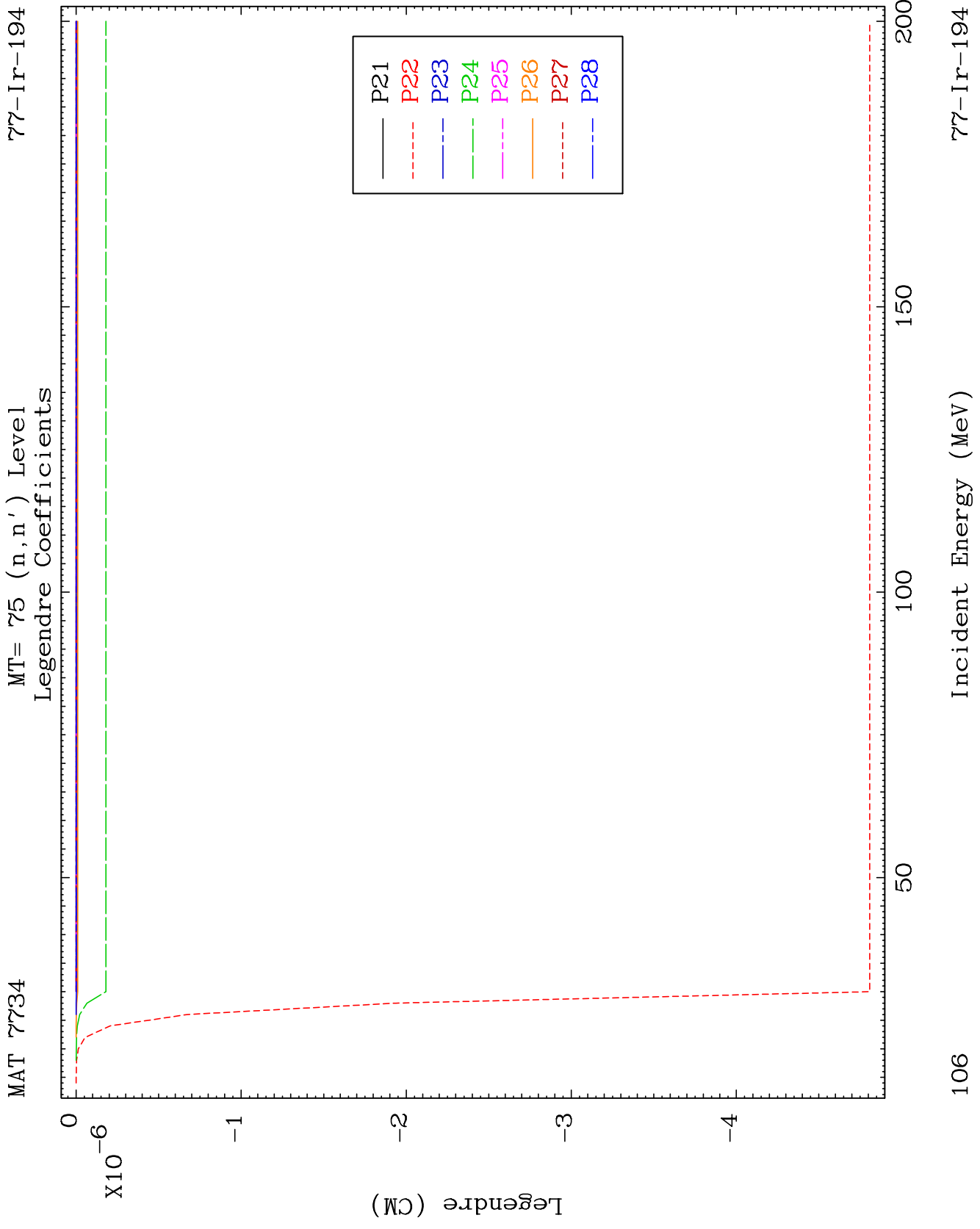


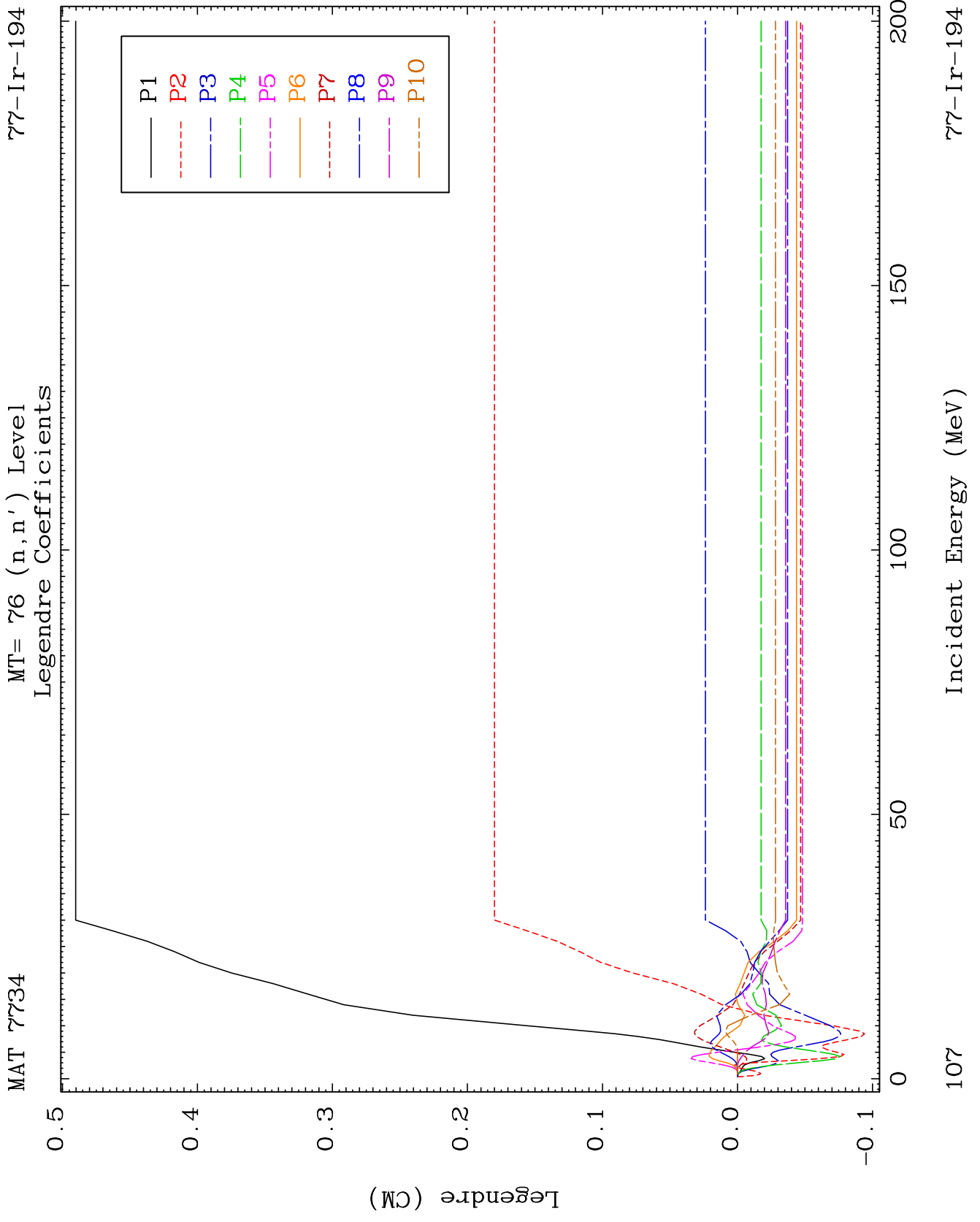
MAT 7734

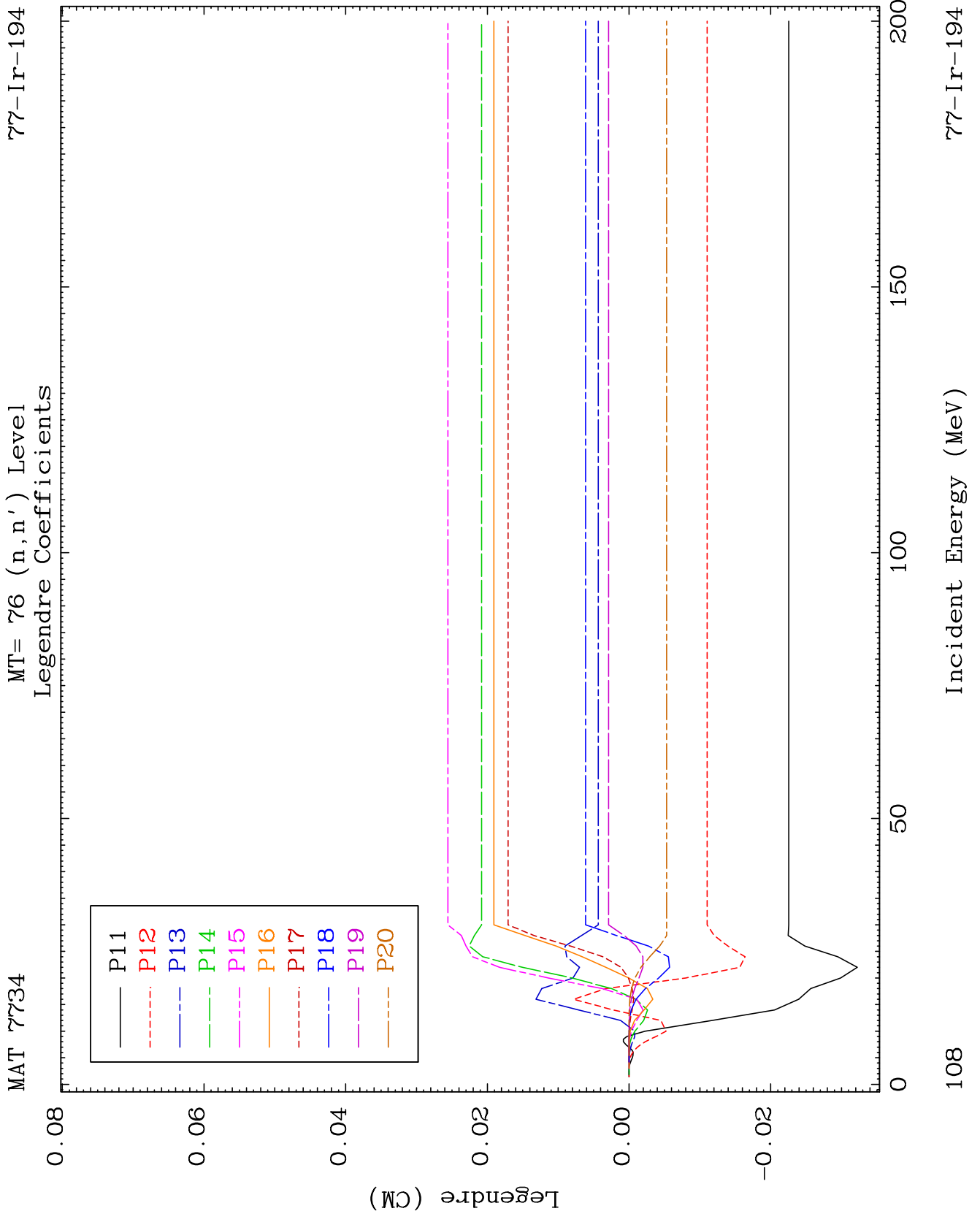
MT= 75 (n,n') Level
Legendre Coefficients

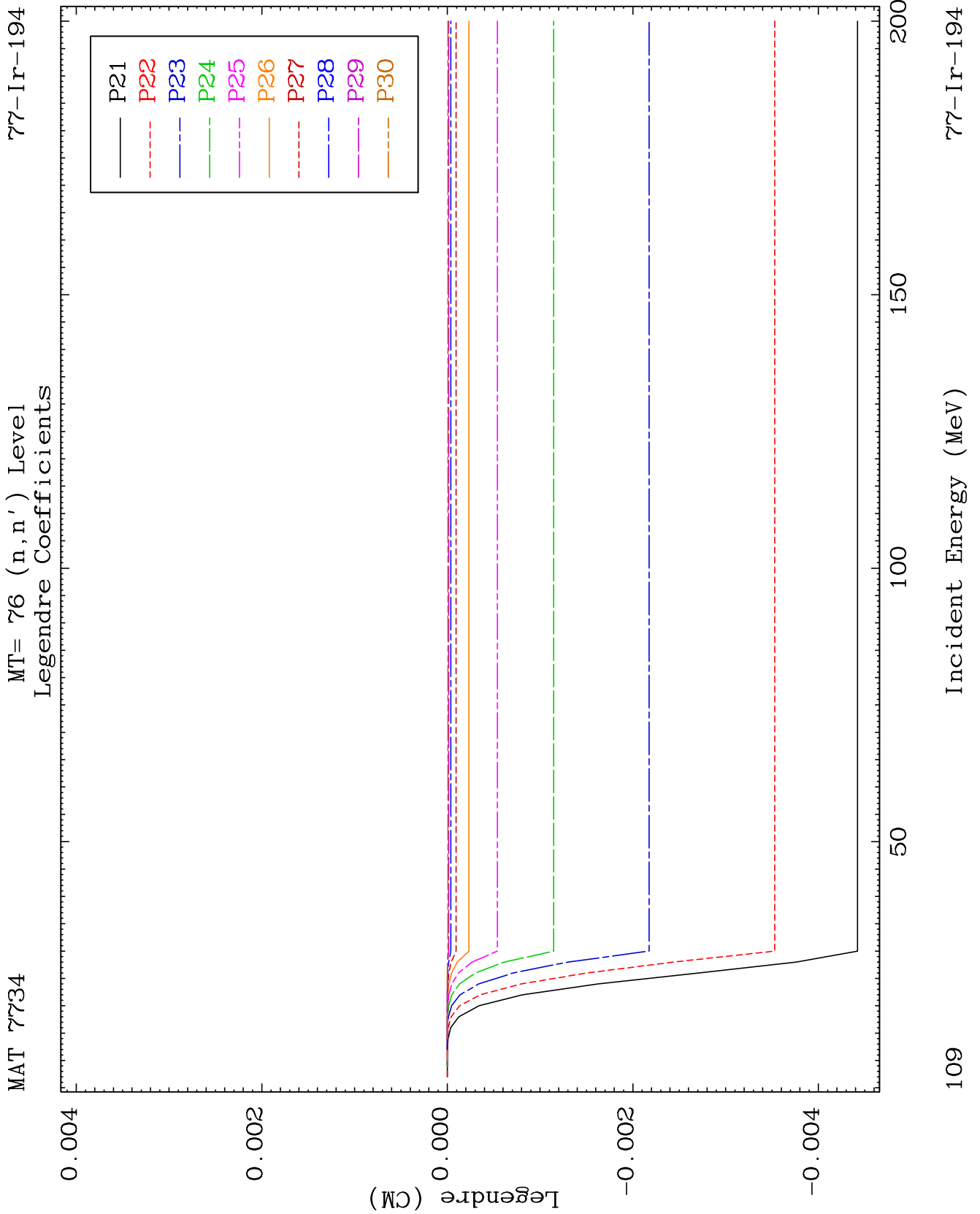
77-Ir-194

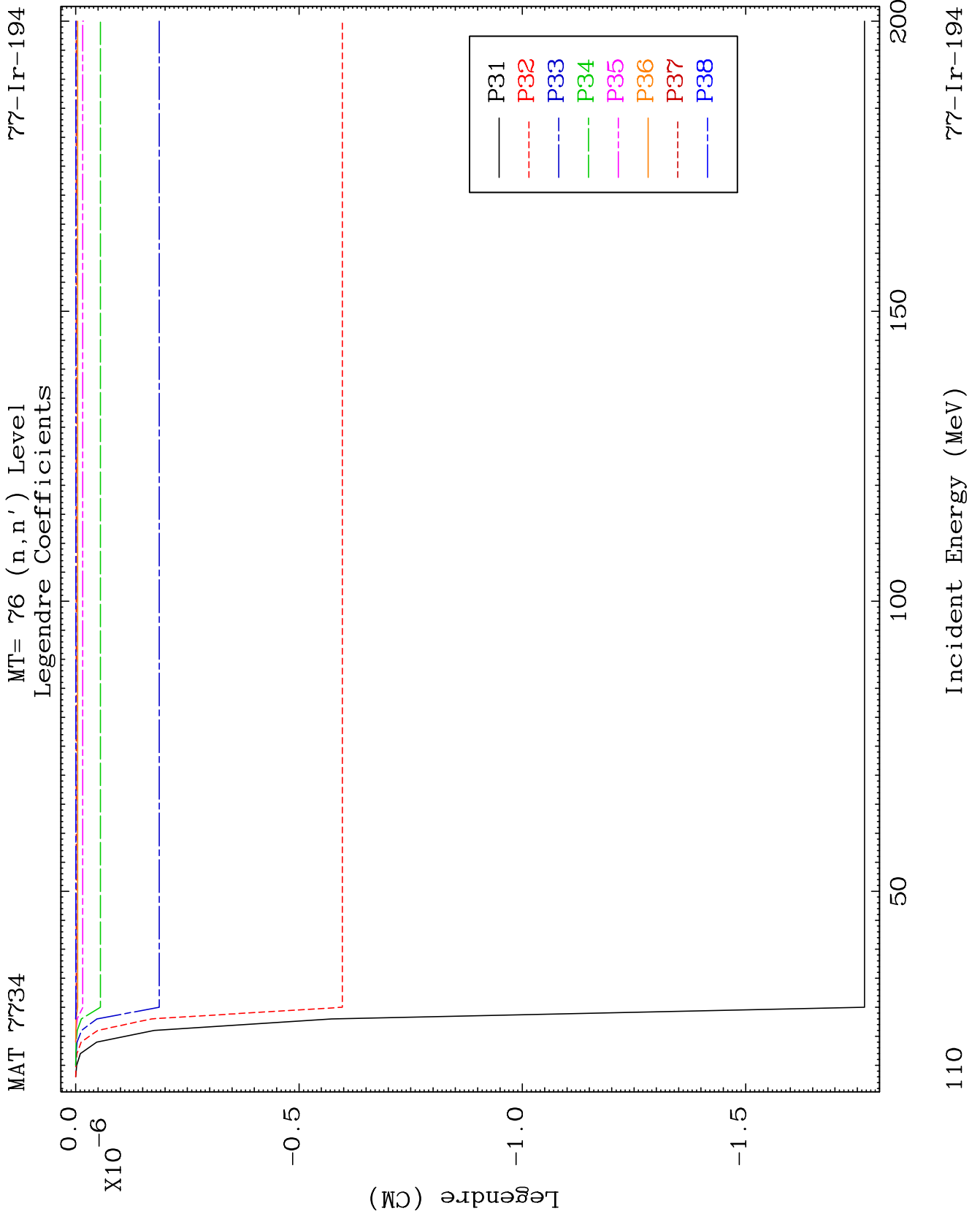


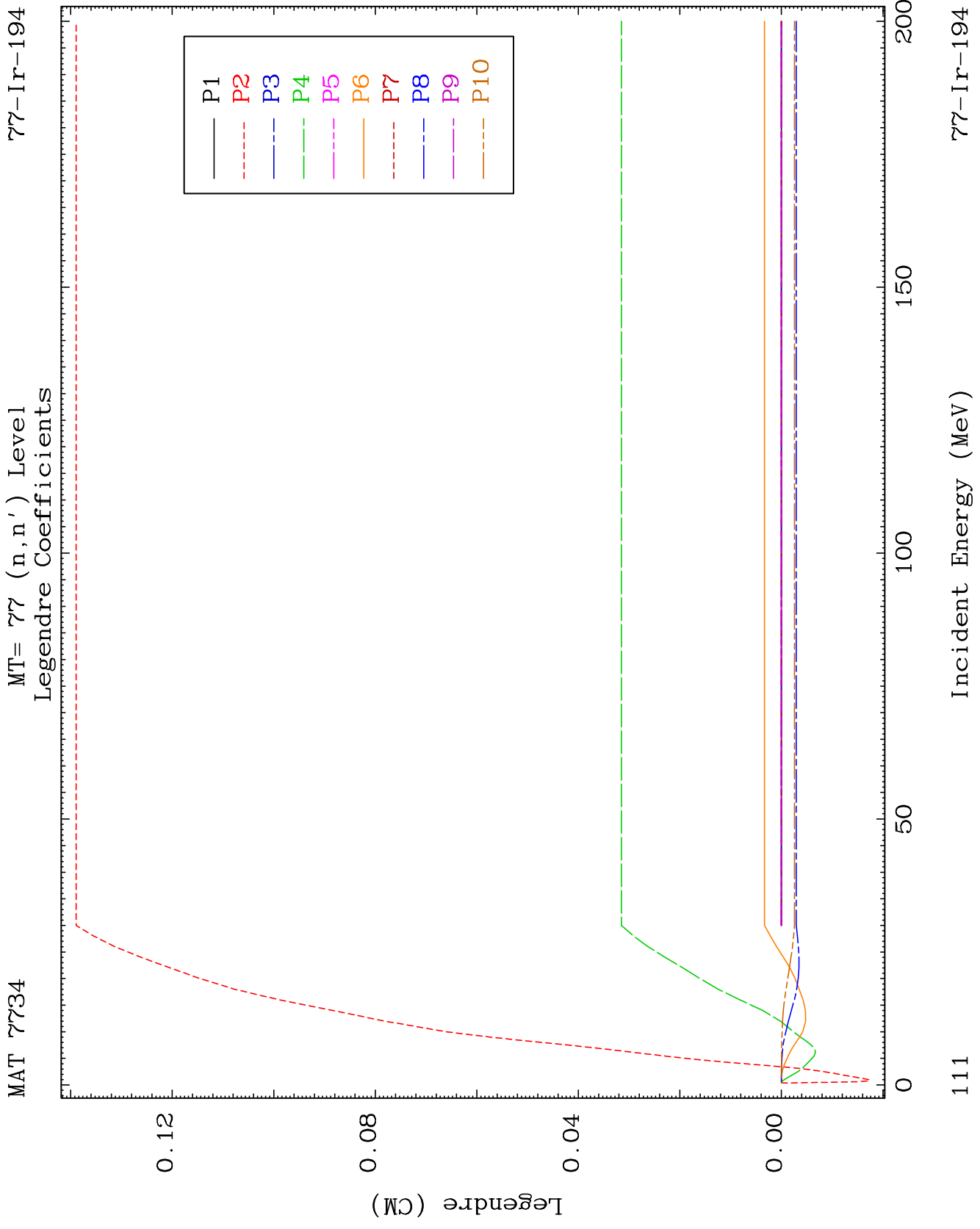


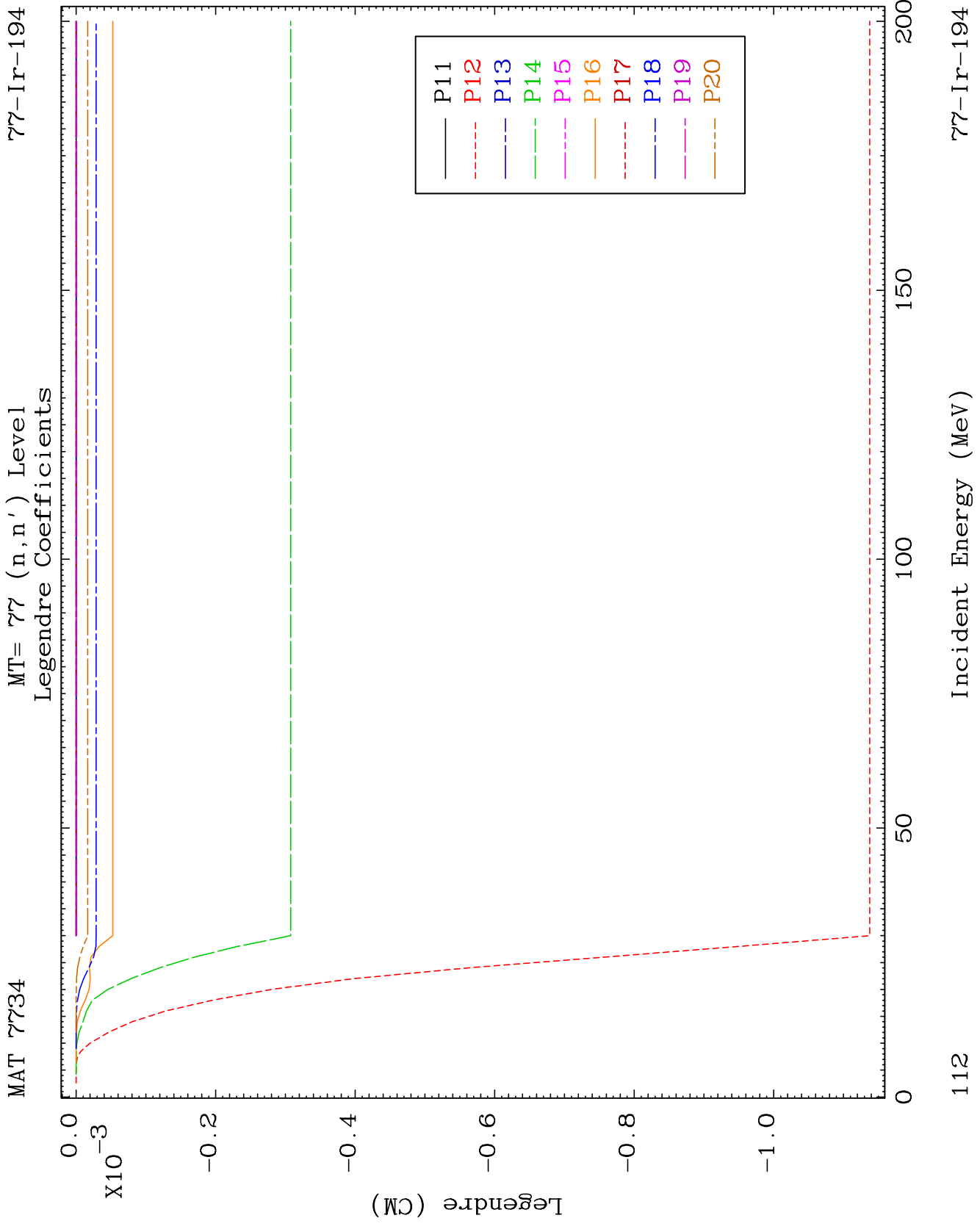


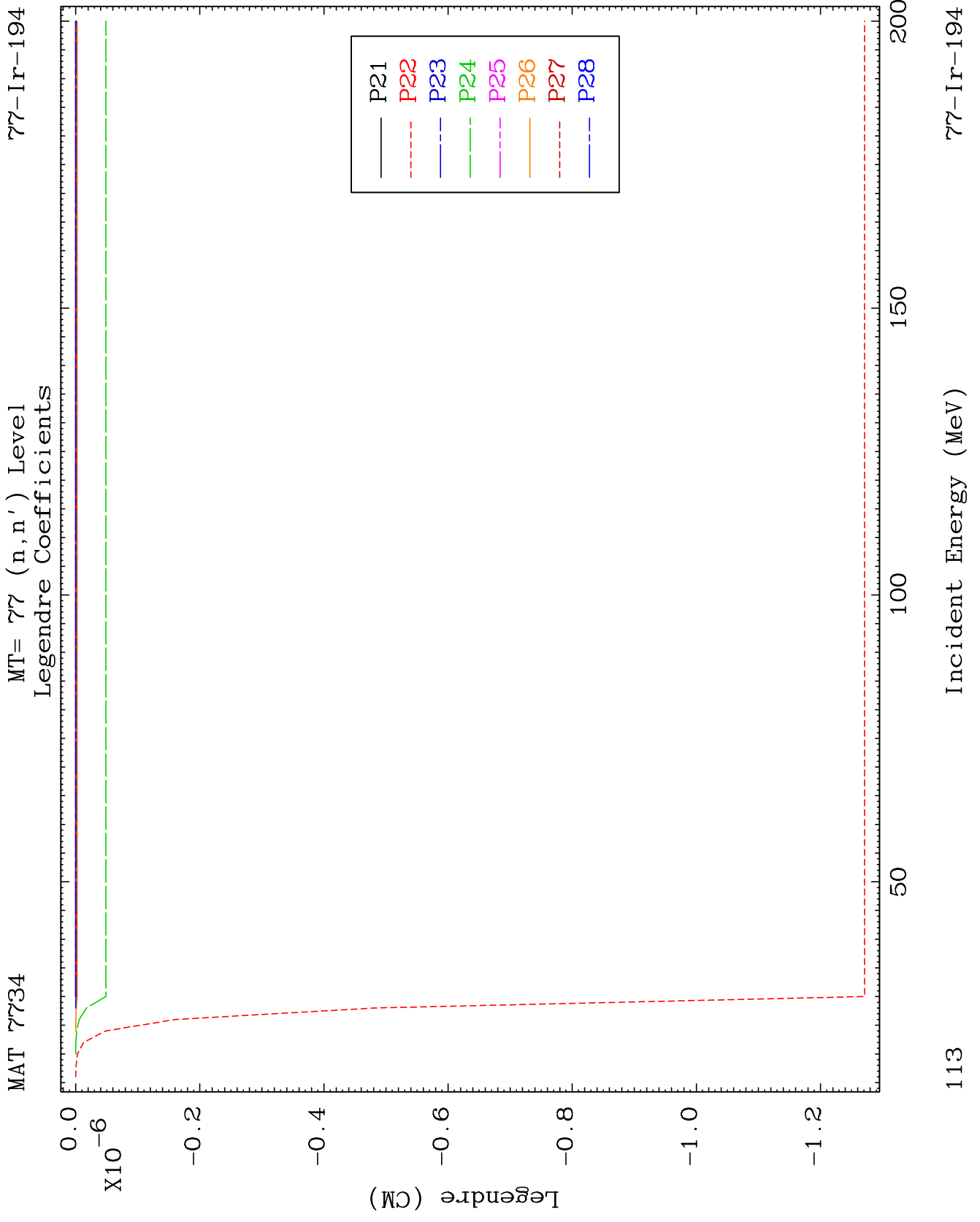








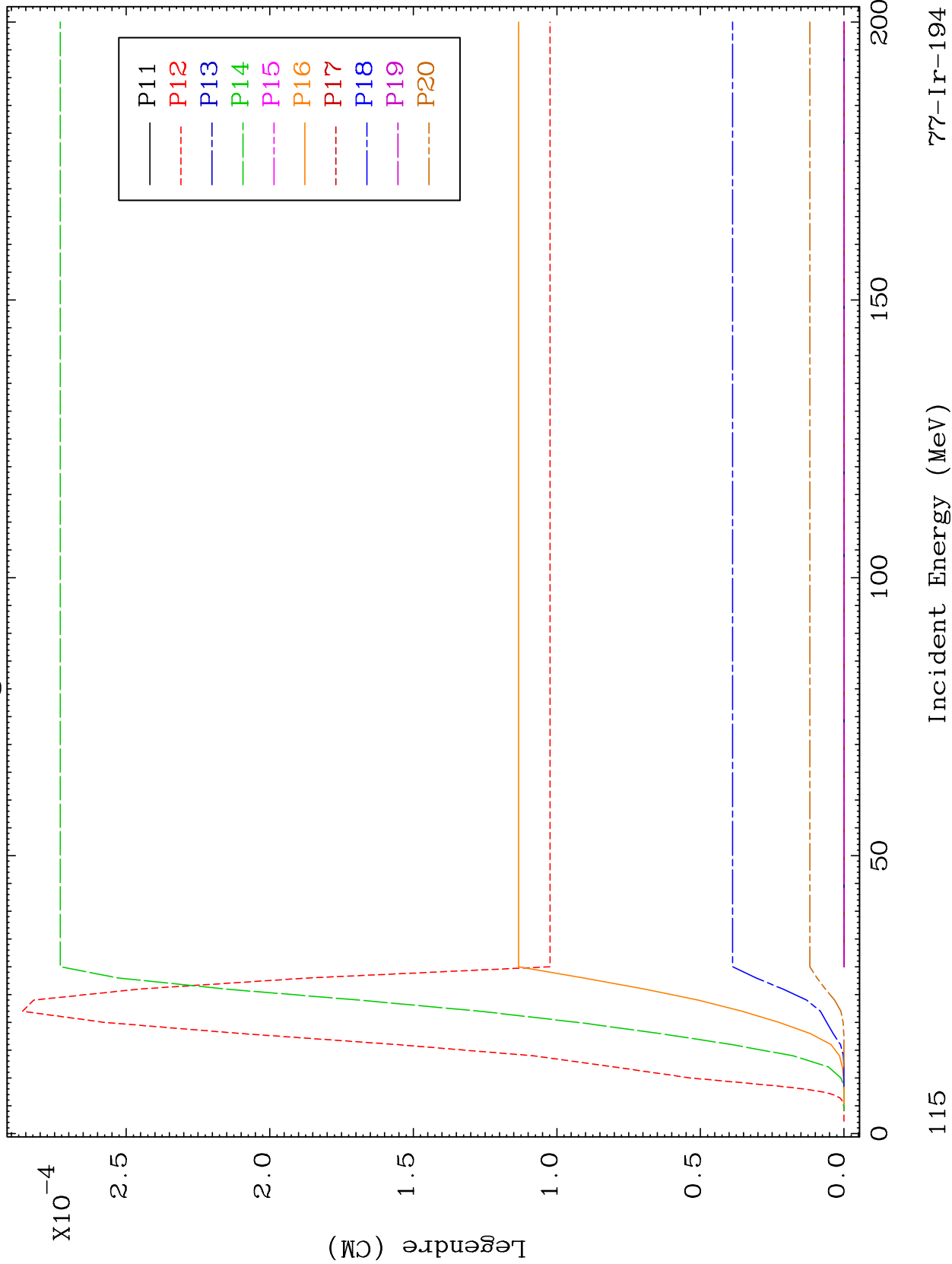




MAT 7734

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

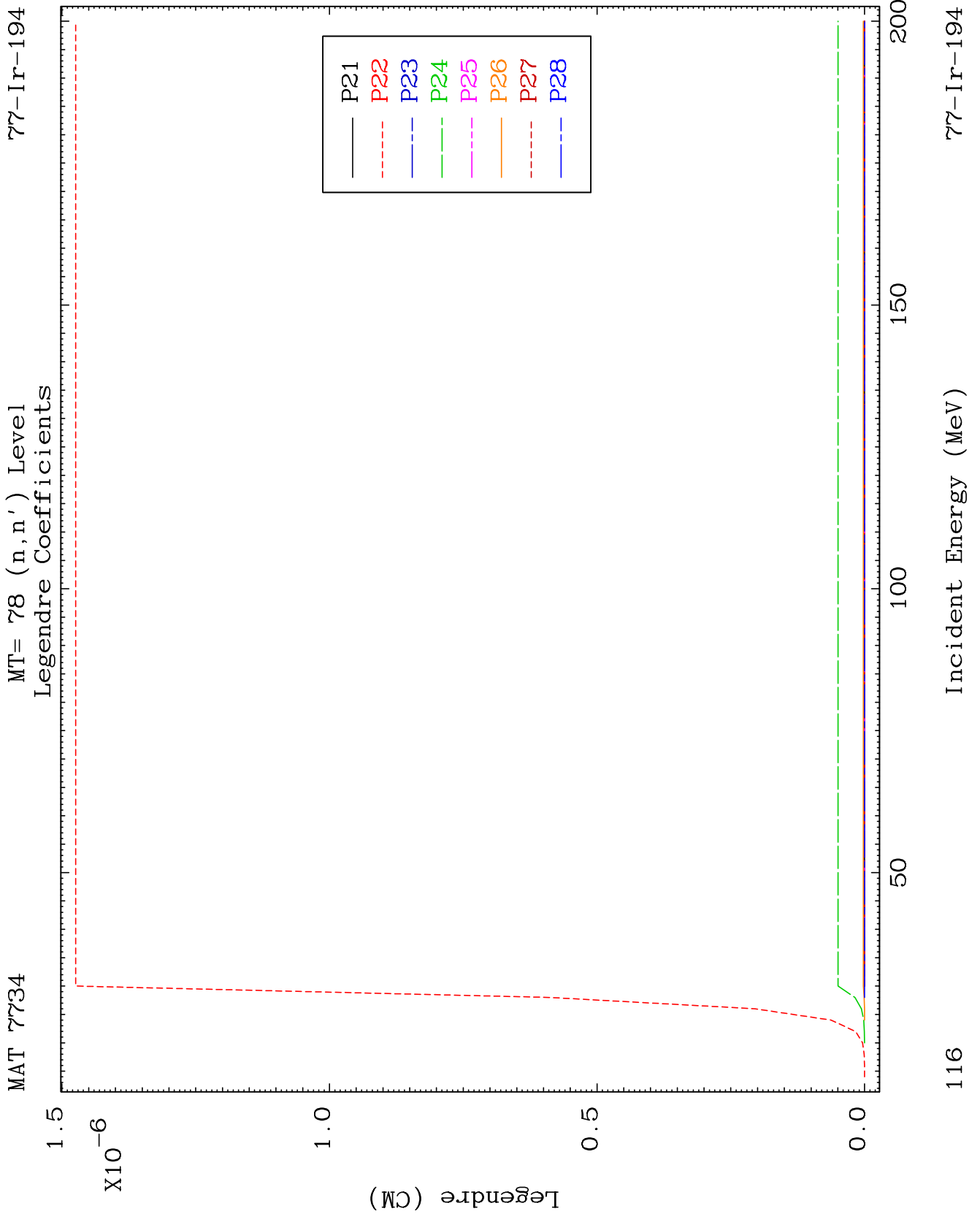
77-Ir-194

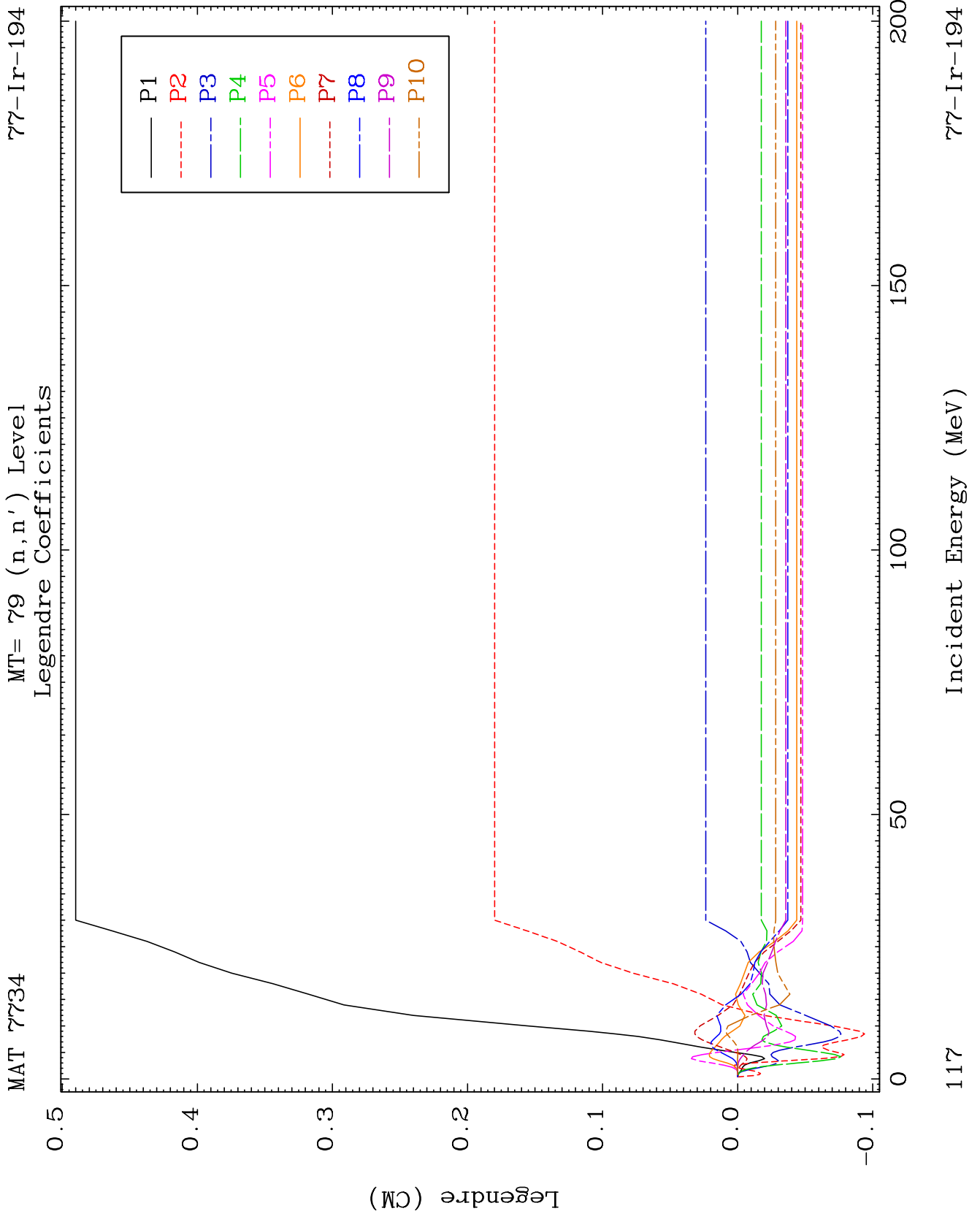


77-Ir-194

Incident Energy (MeV)

115

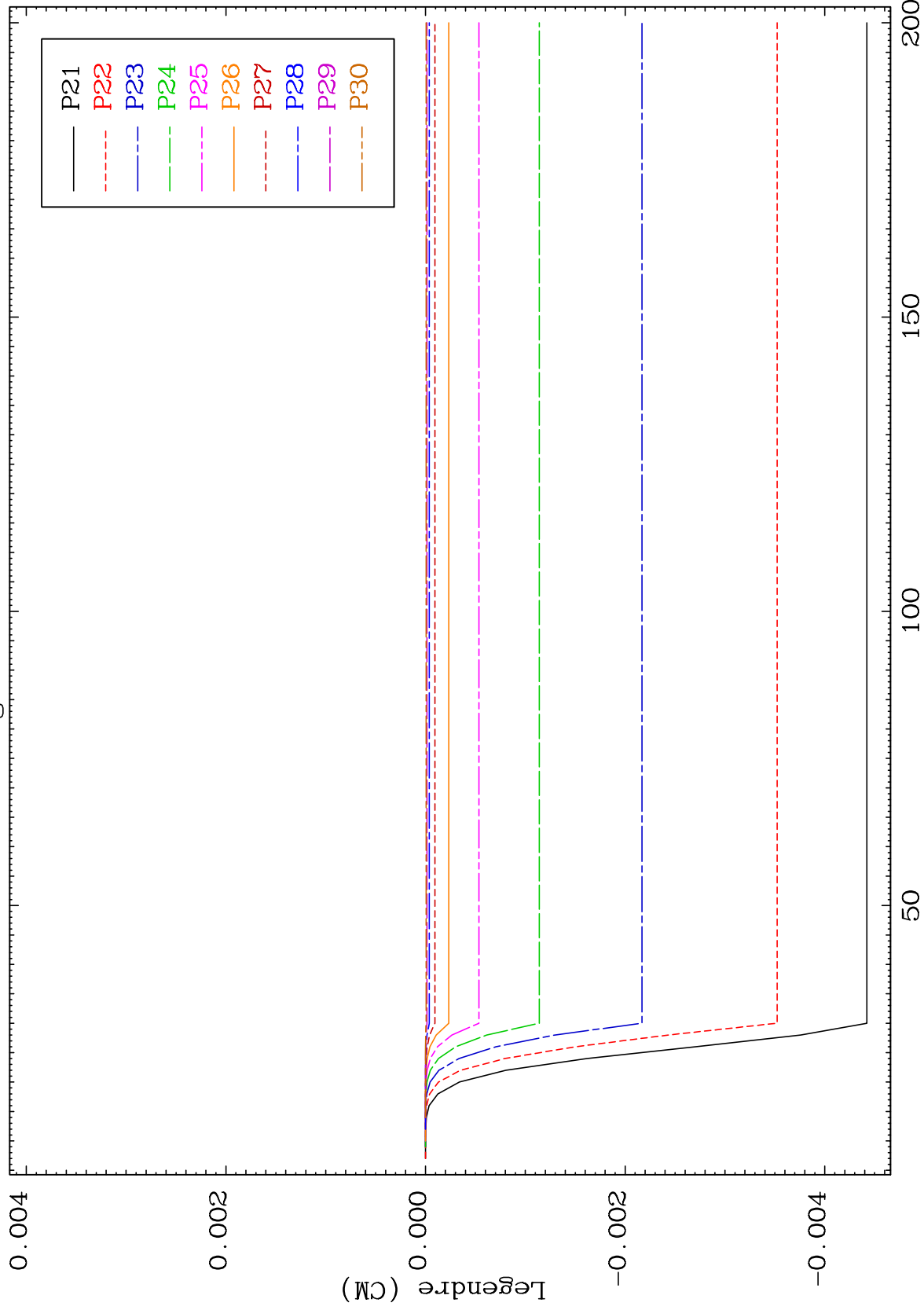




MAT 7734

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

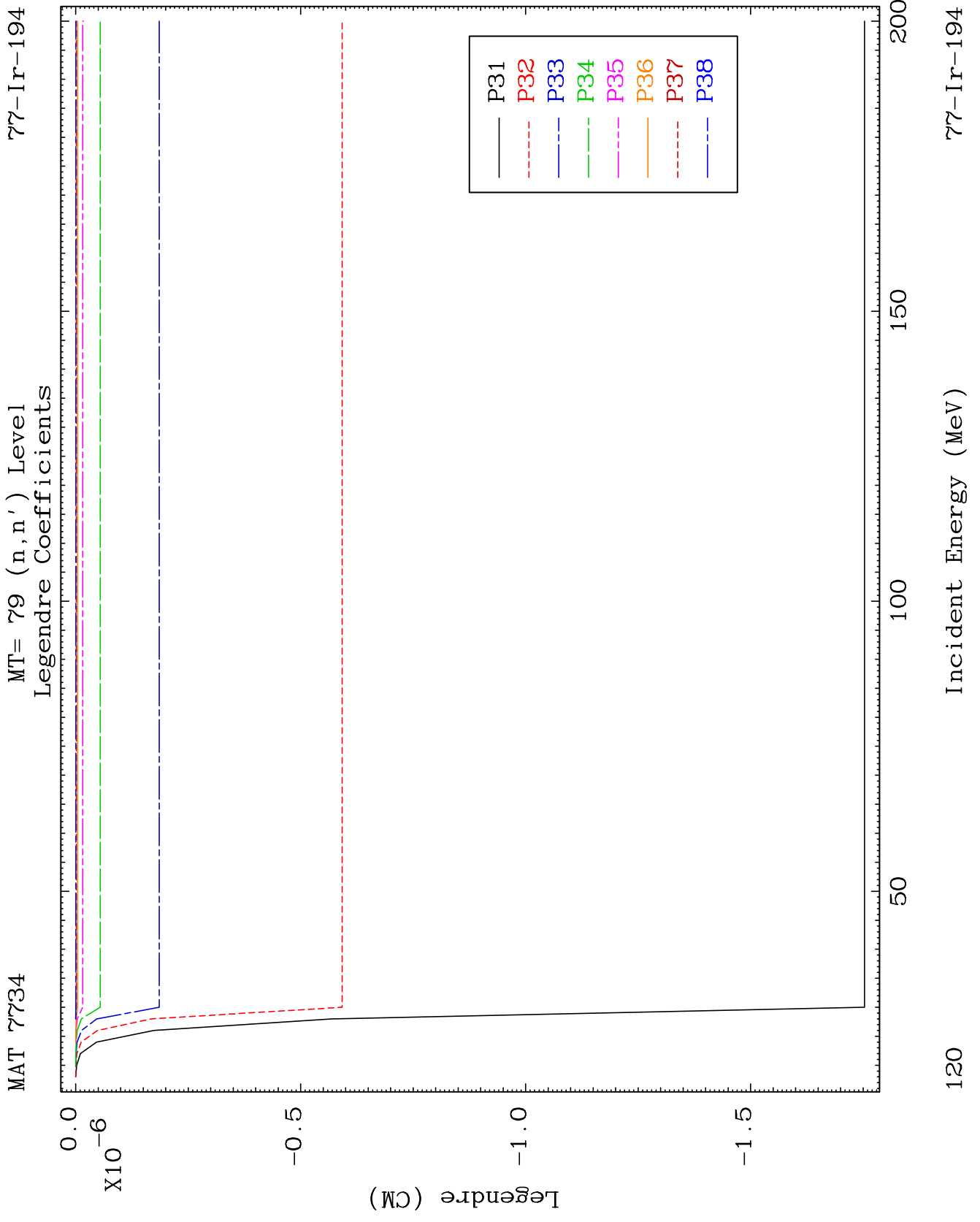
77-Ir-194

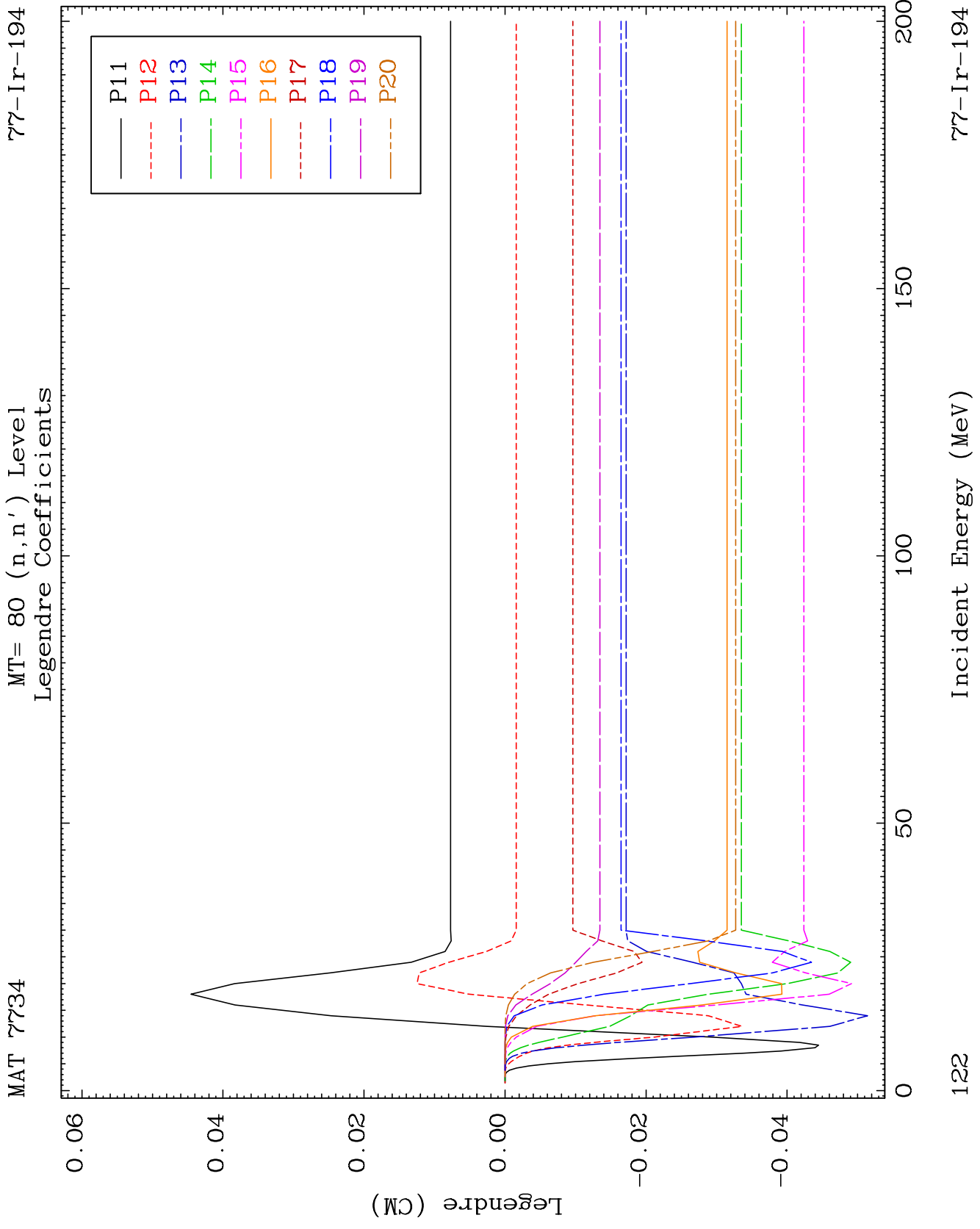


119

Incident Energy (MeV)

77-Ir-194

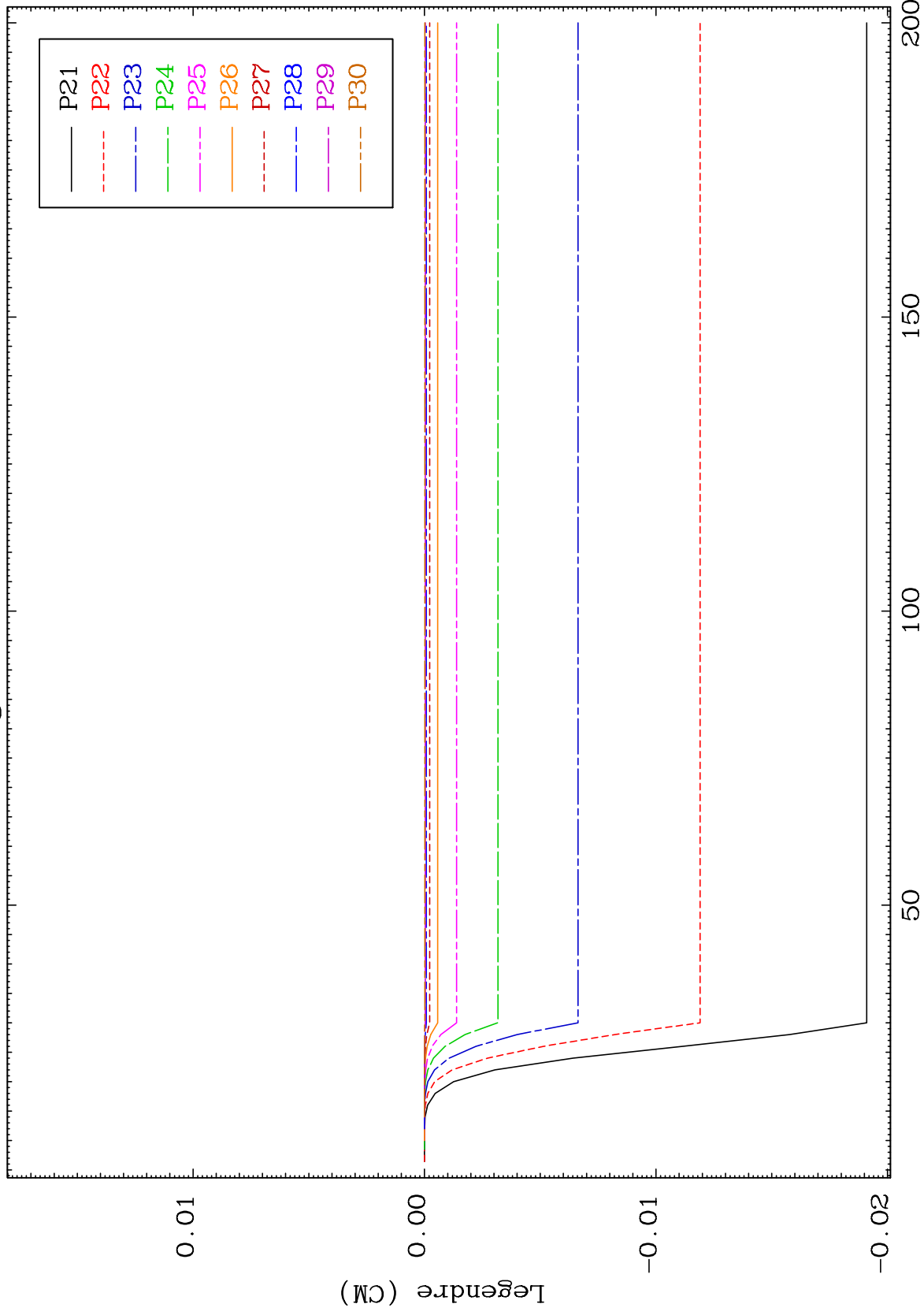




MAT 7734

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

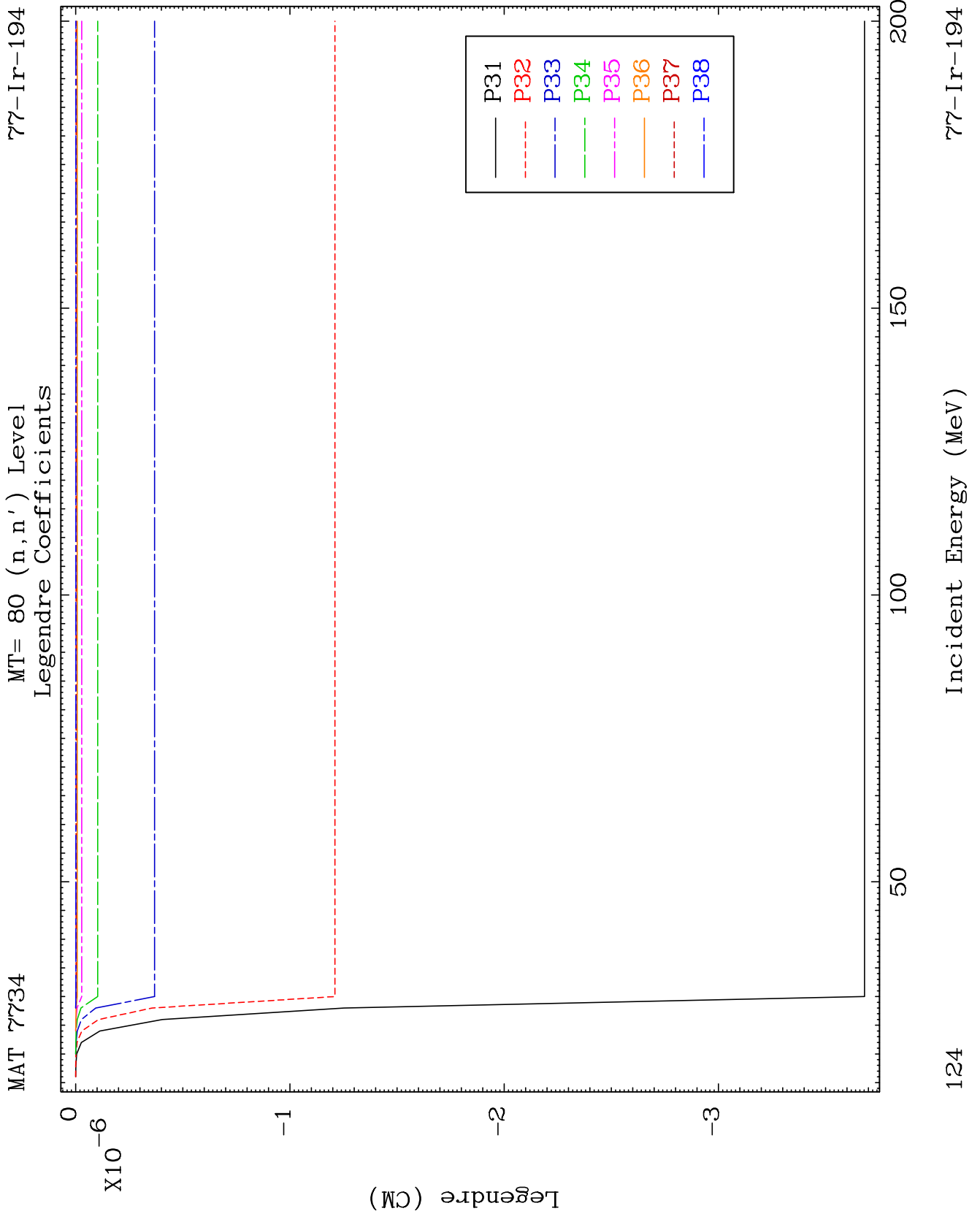
77-Ir-194



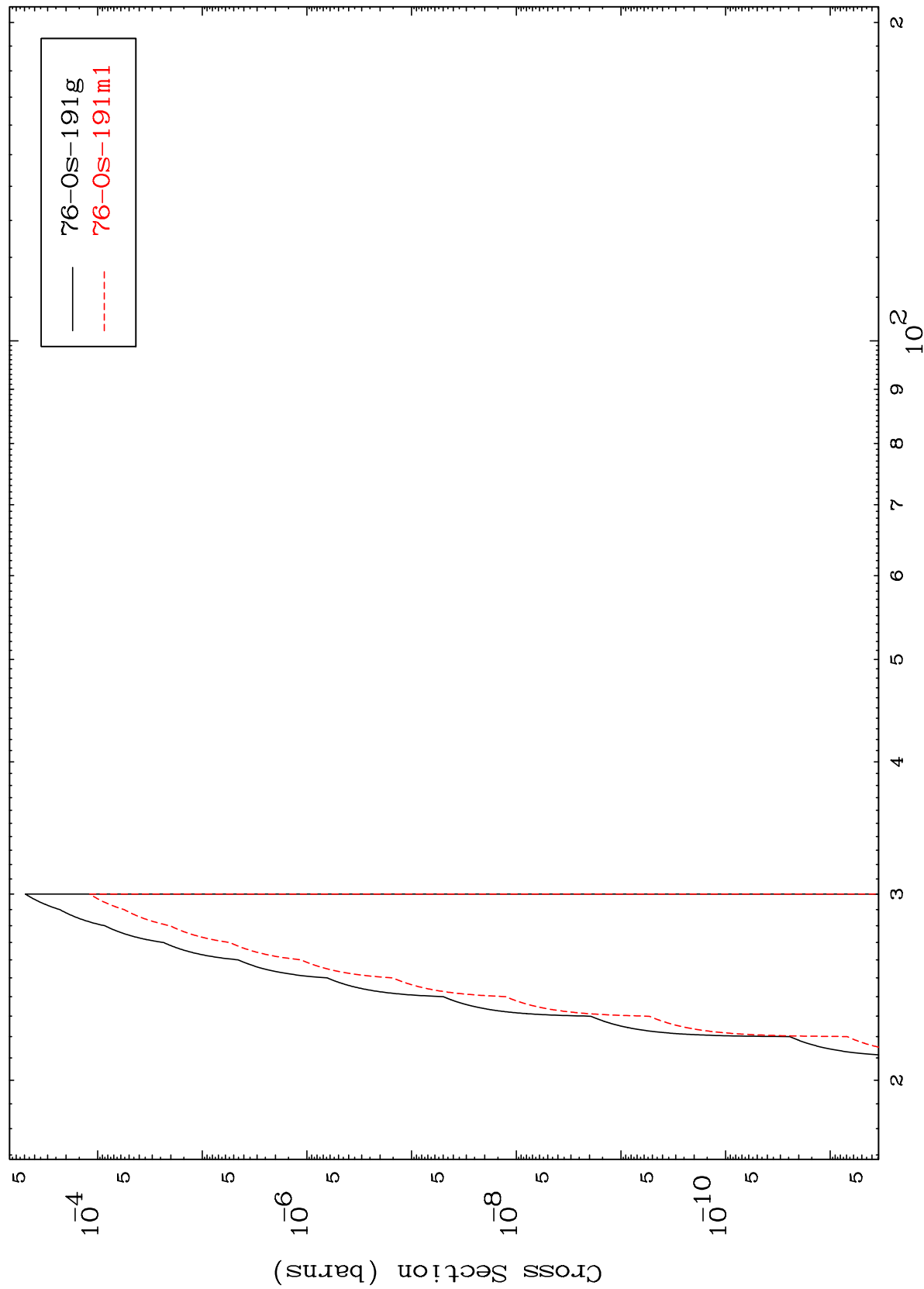
123

Incident Energy (MeV)

77-Ir-194



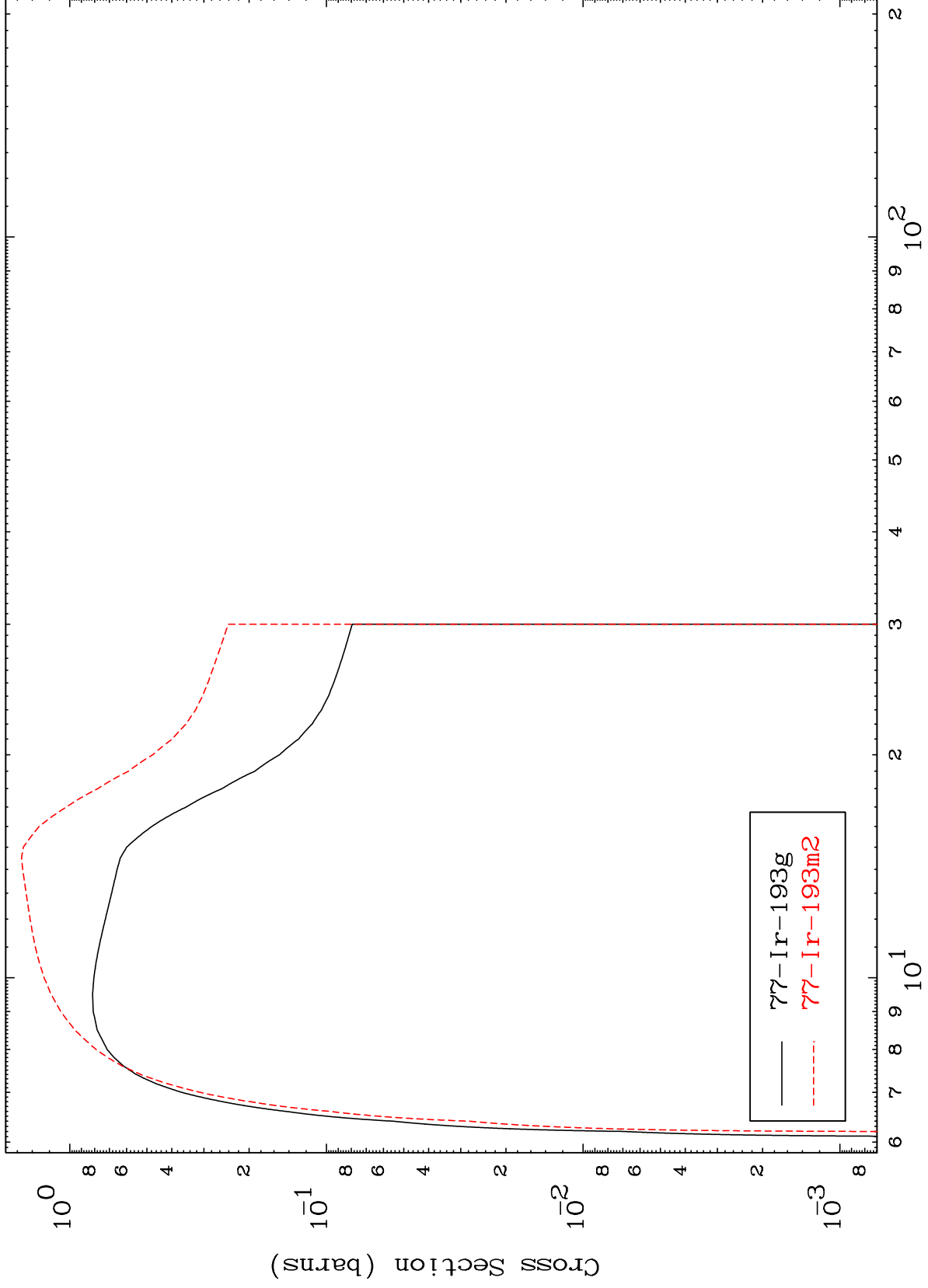
Radionuclide Production Cross Section



MAT 7734

77-Ir-194

(n,2n)
Radionuclide Production Cross Section

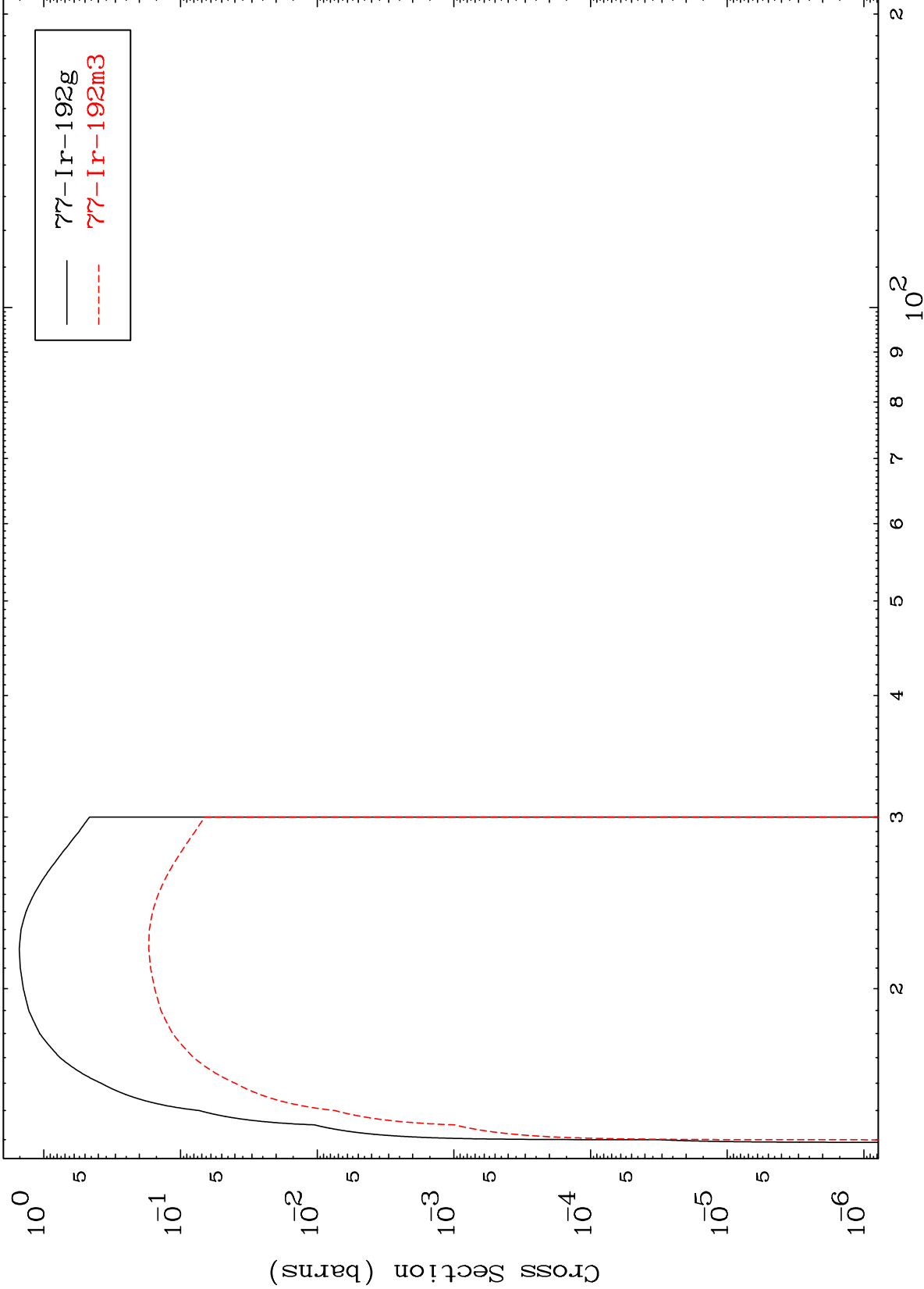


126

Incident Energy (MeV)

77-Ir-194

Radionuclide Production Cross Section

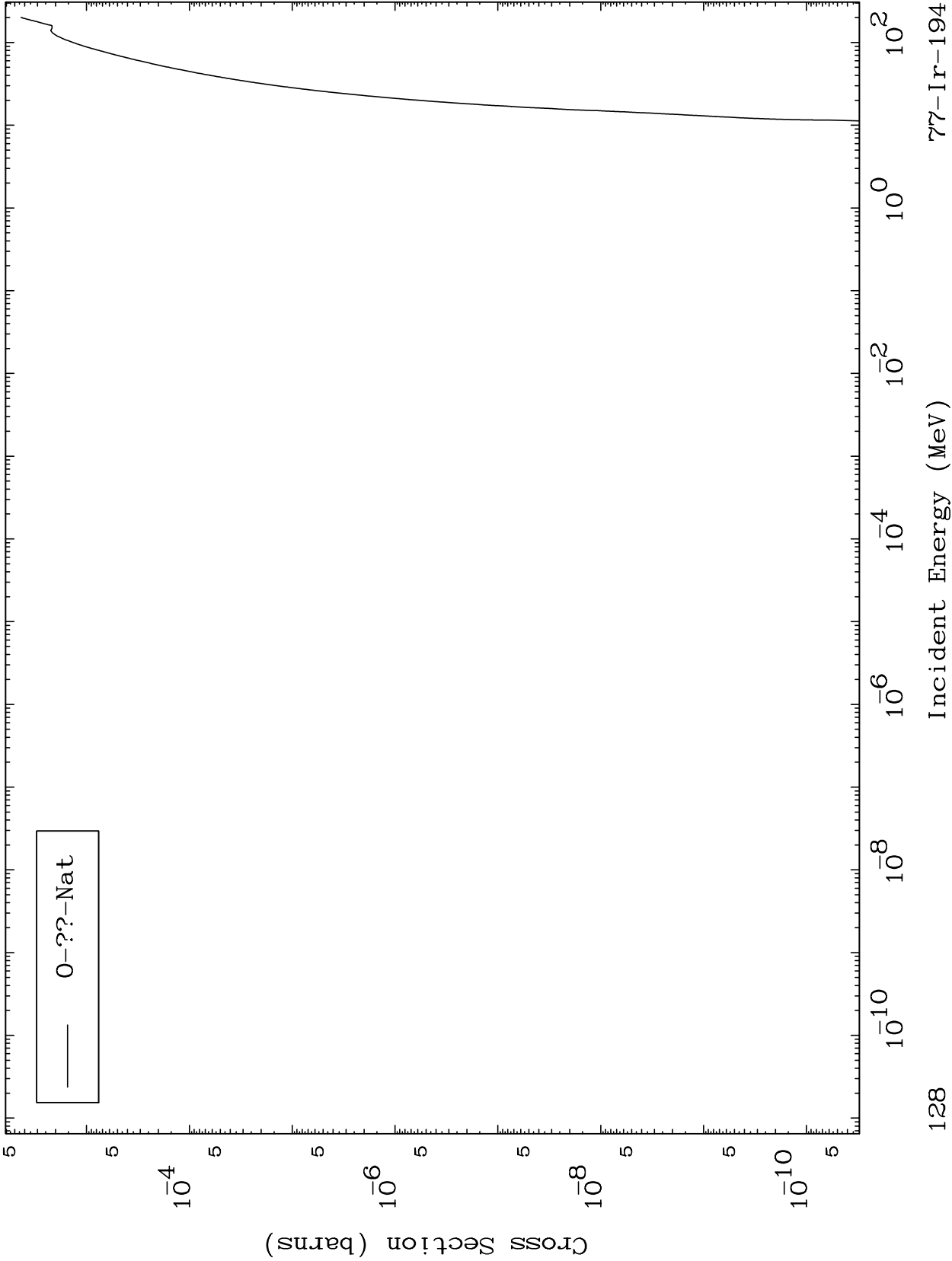


MAT 7734

Fission

⁷⁷Ir-194

Radionuclide Production Cross Section

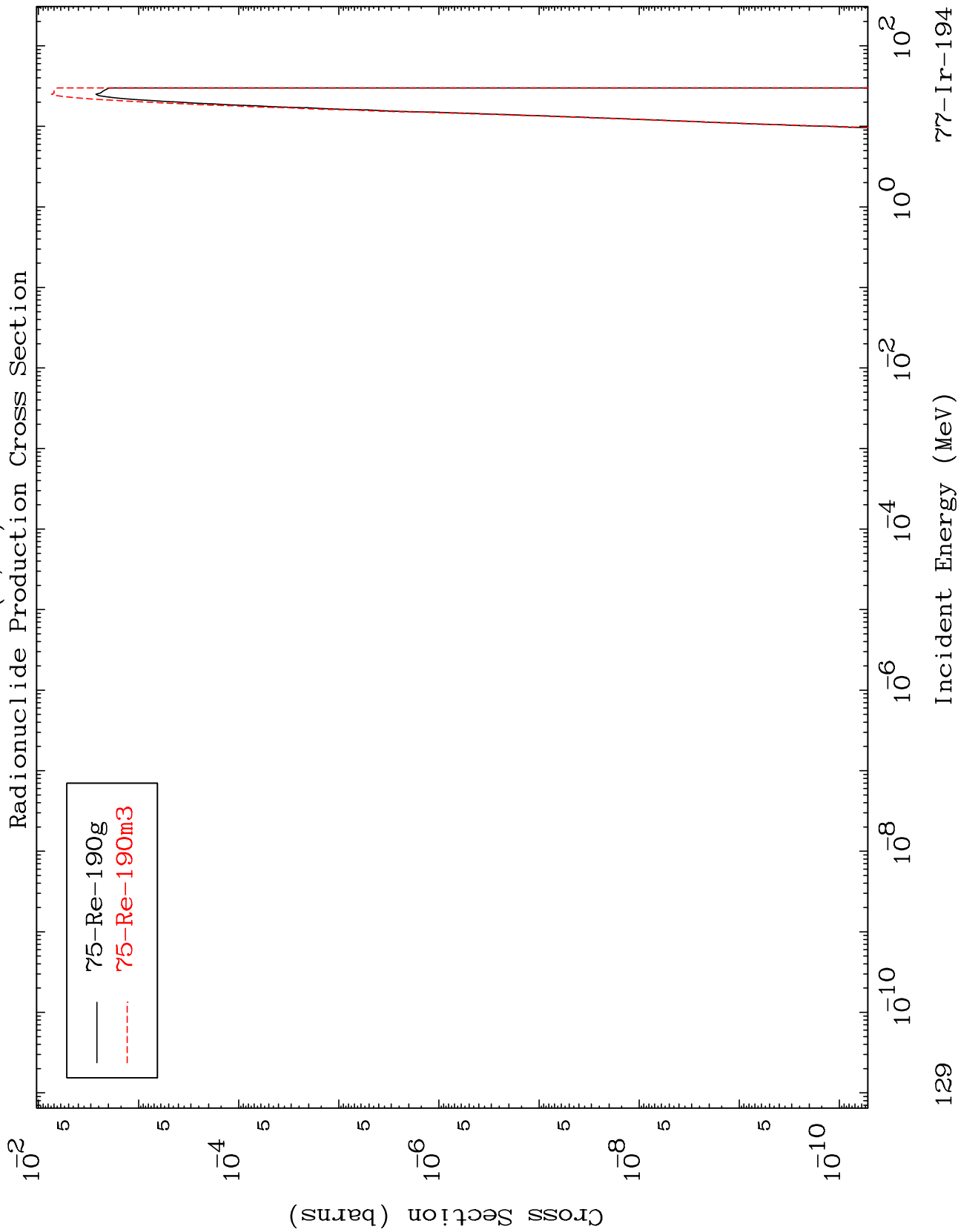


MAT 7734

$(n, n') \alpha$

⁷⁷Ir-194

Radionuclide Production Cross Section

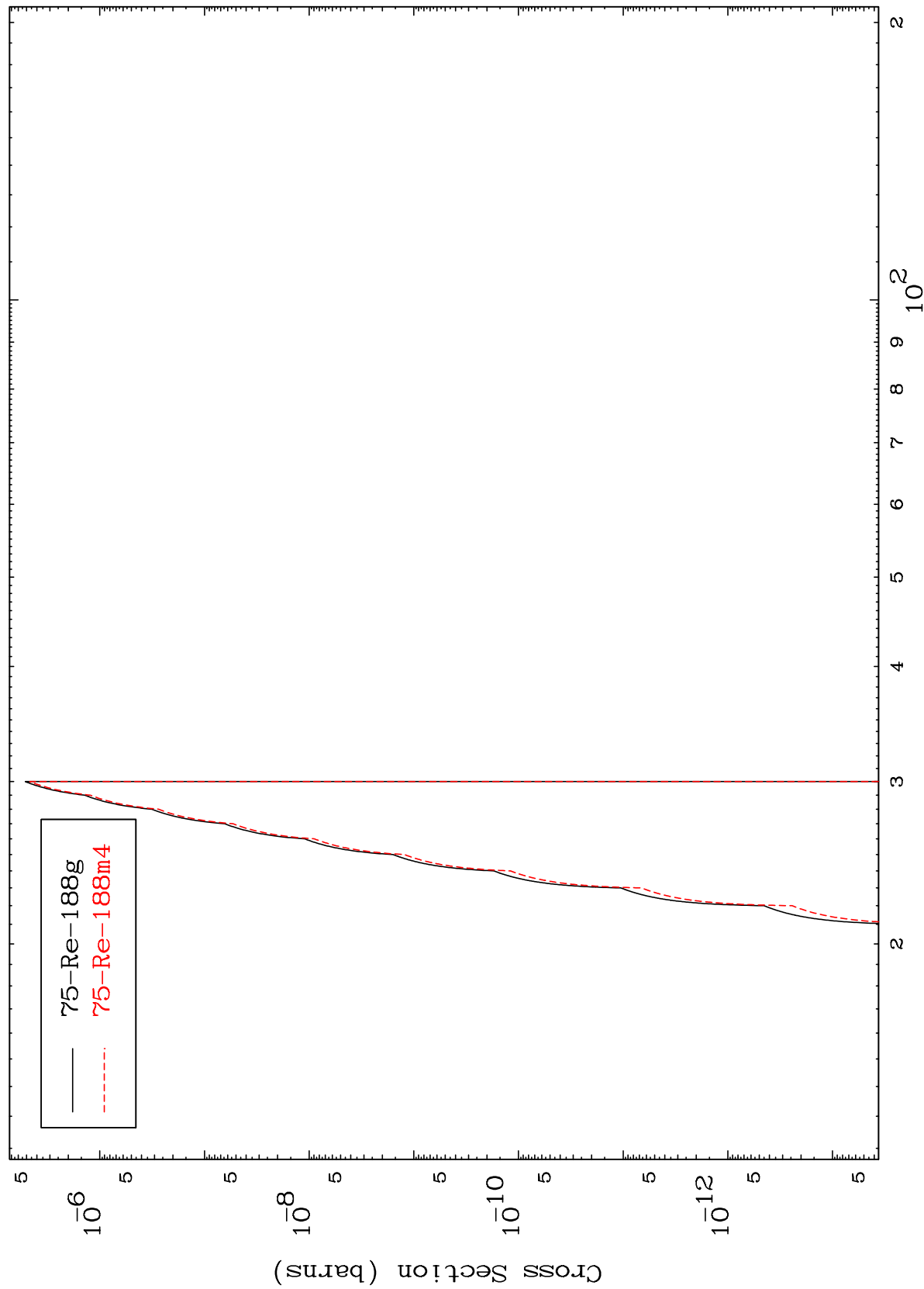


MAT 7734

(n,3n) α

77-Ir-194

Radionuclide Production Cross Section



130

Incident Energy (MeV)

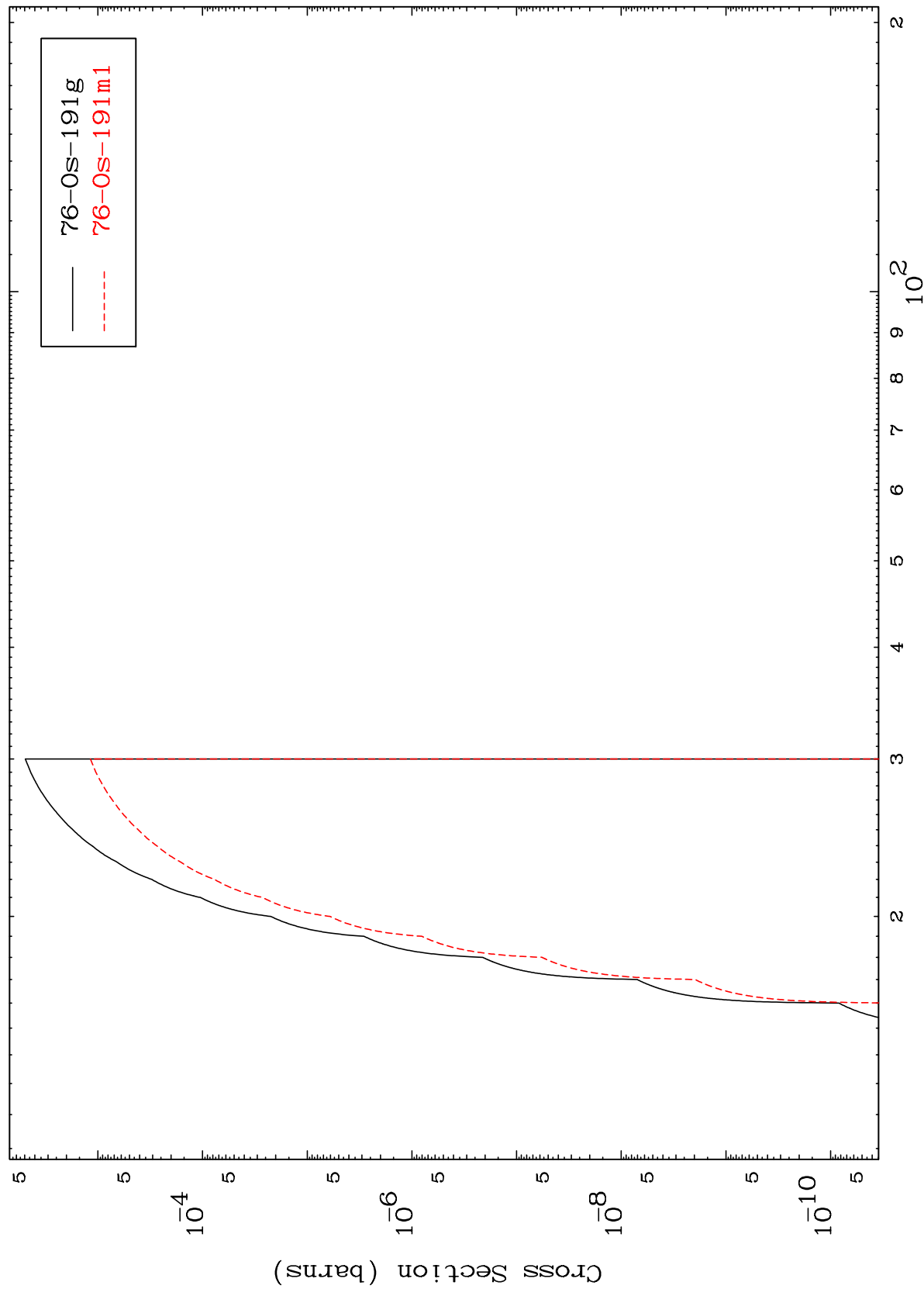
77-Ir-194

MAT 7734

(n,n') t

77-Ir-194

Radionuclide Production Cross Section



131

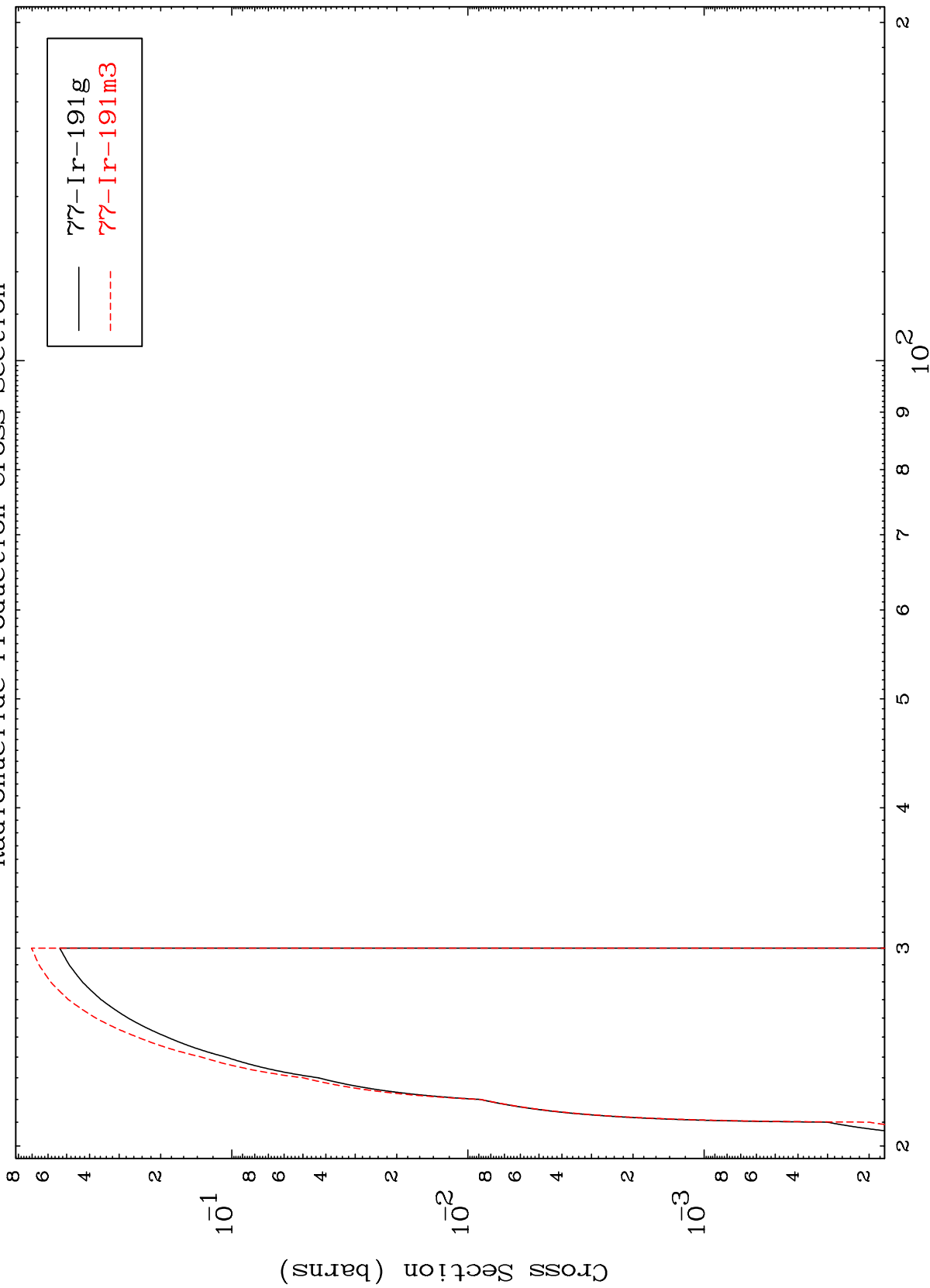
Incident Energy (MeV)

77-Ir-194

MAT 7734

77-Ir-194

(n,4n)
Radionuclide Production Cross Section



77-Ir-191g
77-Ir-191m3

77-Ir-194

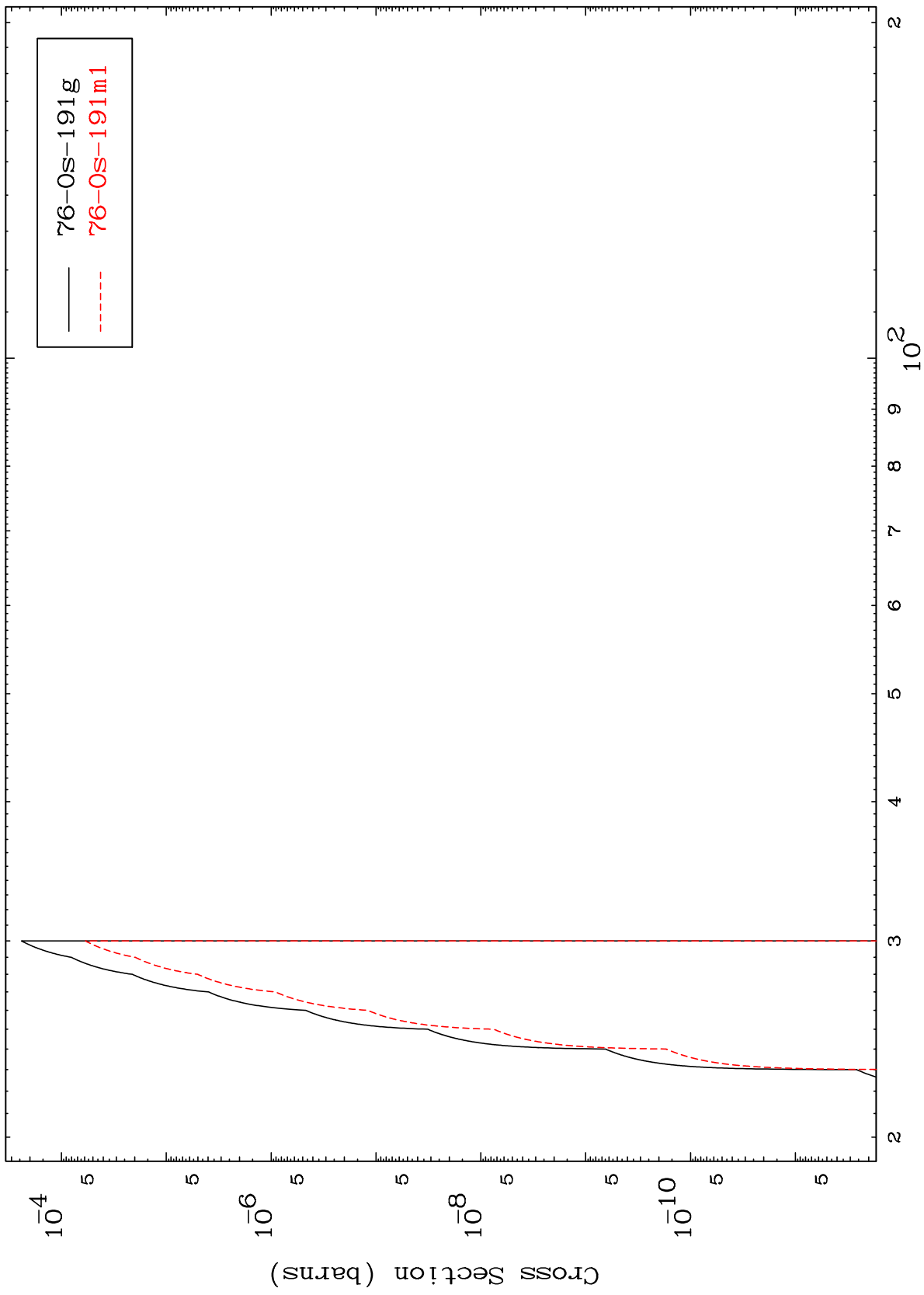
Incident Energy (MeV)

132

MAT 7734

77-Ir-194

(n,3n) p
Radionuclide Production Cross Section

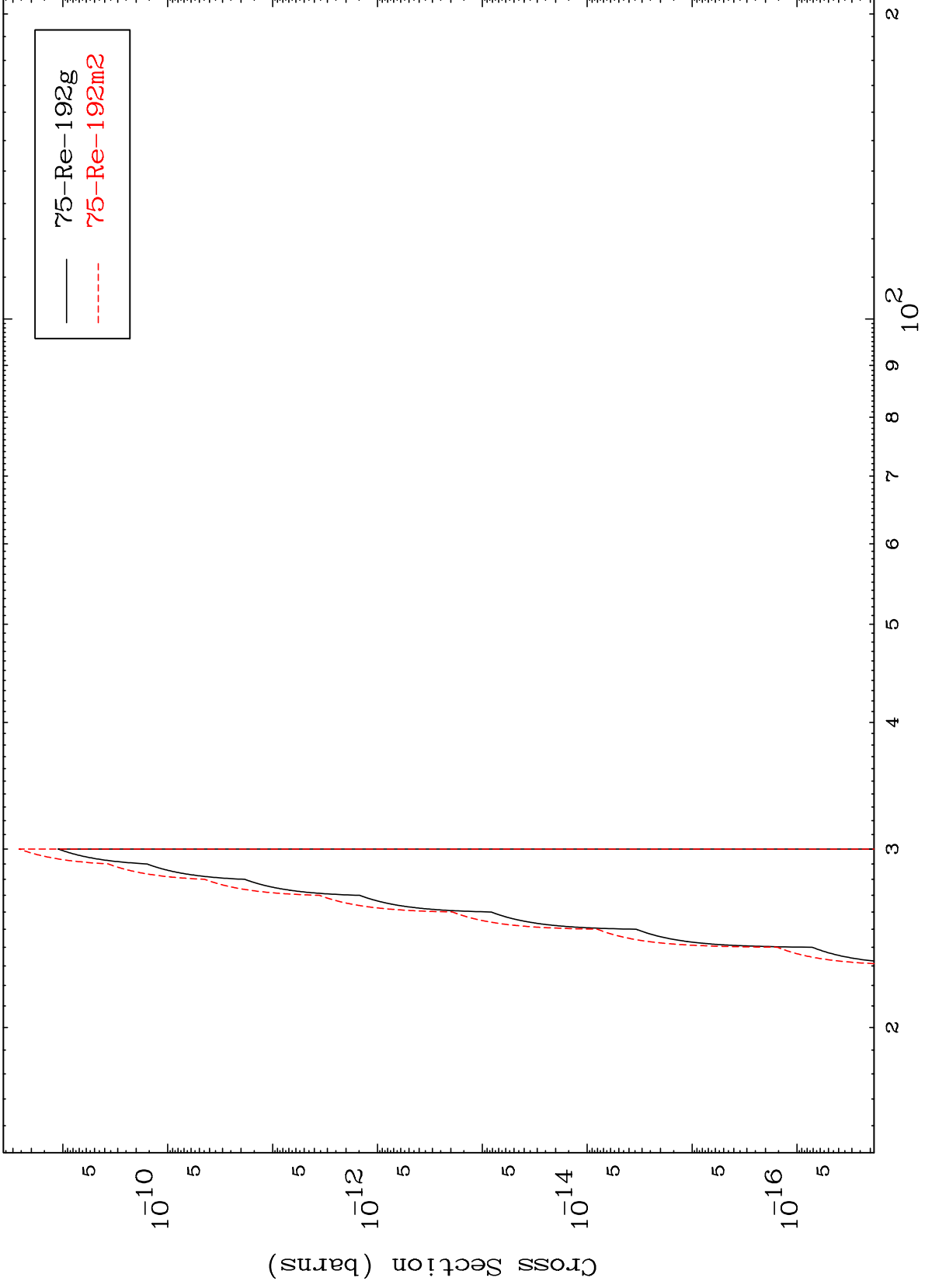


133

77-Ir-194

Incident Energy (MeV)

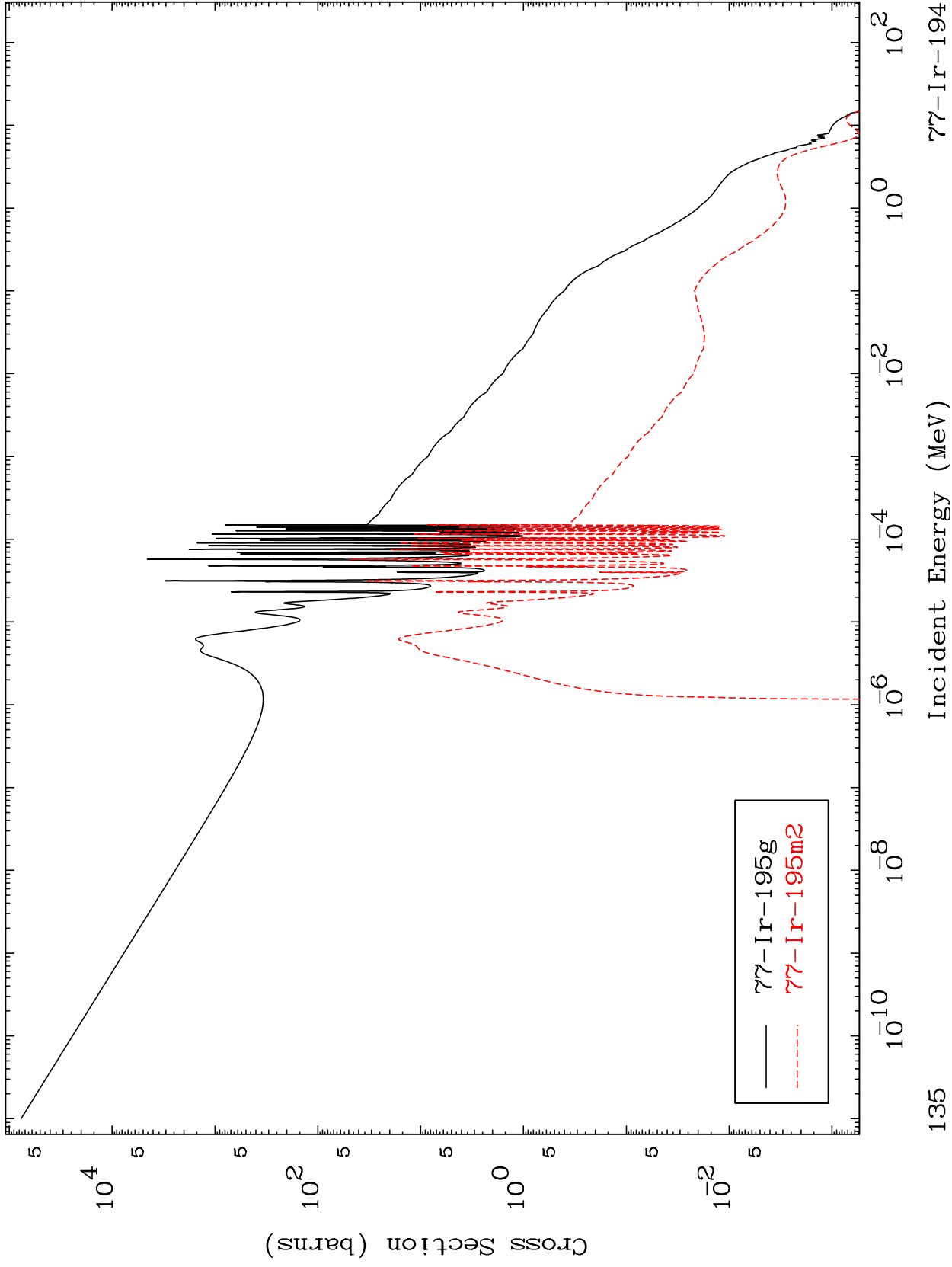
(n,2n) p
Radionuclide Production Cross Section



MAT 7734

⁷⁷Ir-194

(n,γ)
Radionuclide Production Cross Section

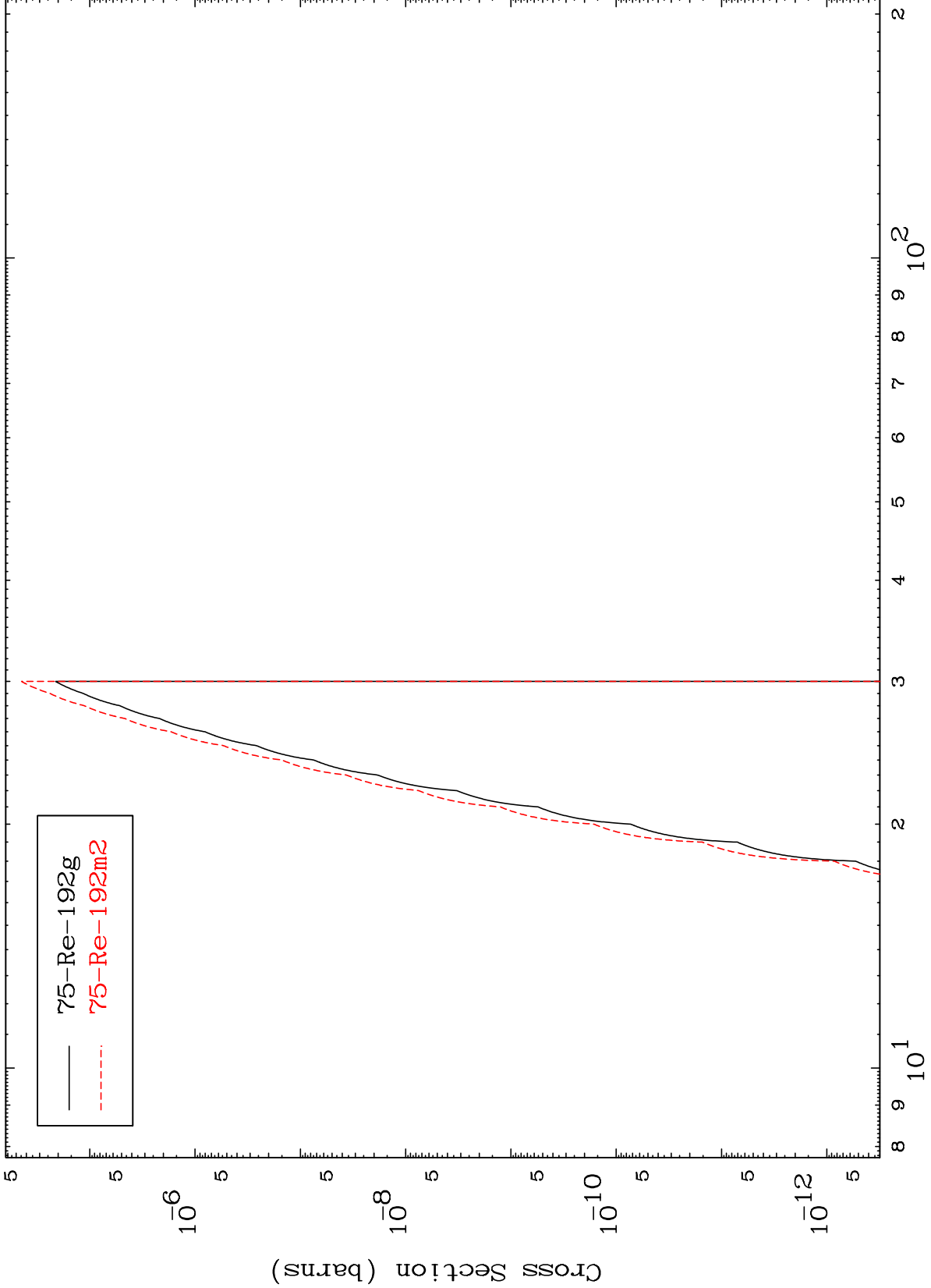


MAT 7734

(n,He-3)

77-Ir-194

Radionuclide Production Cross Section



136

Incident Energy (MeV)

77-Ir-194