

Program EVALPLOT
(Version 2021-1)

by

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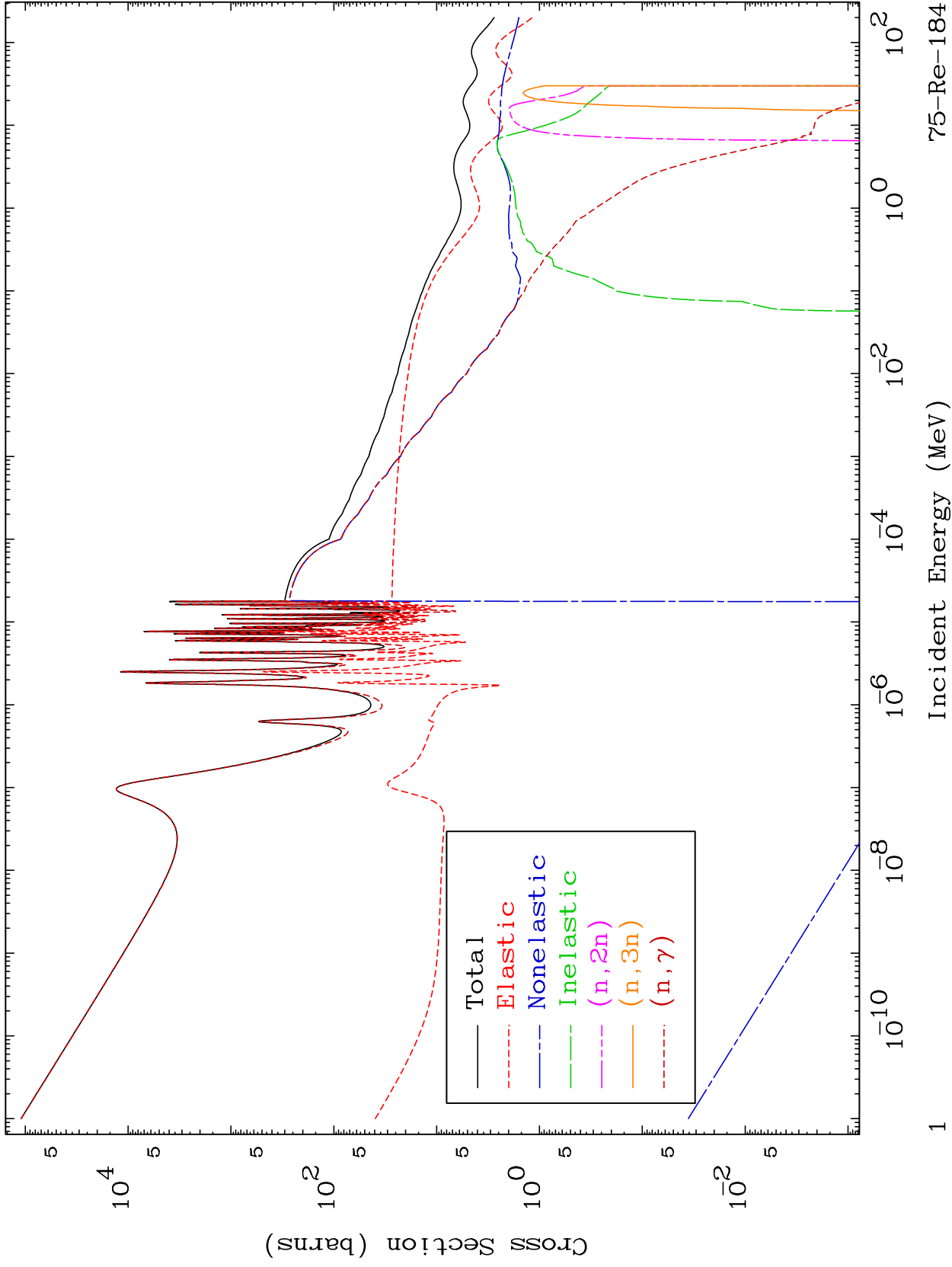
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Press Mouse Button to Start

MAT 7522

Neutron Major
293 Kelvin Cross Sections

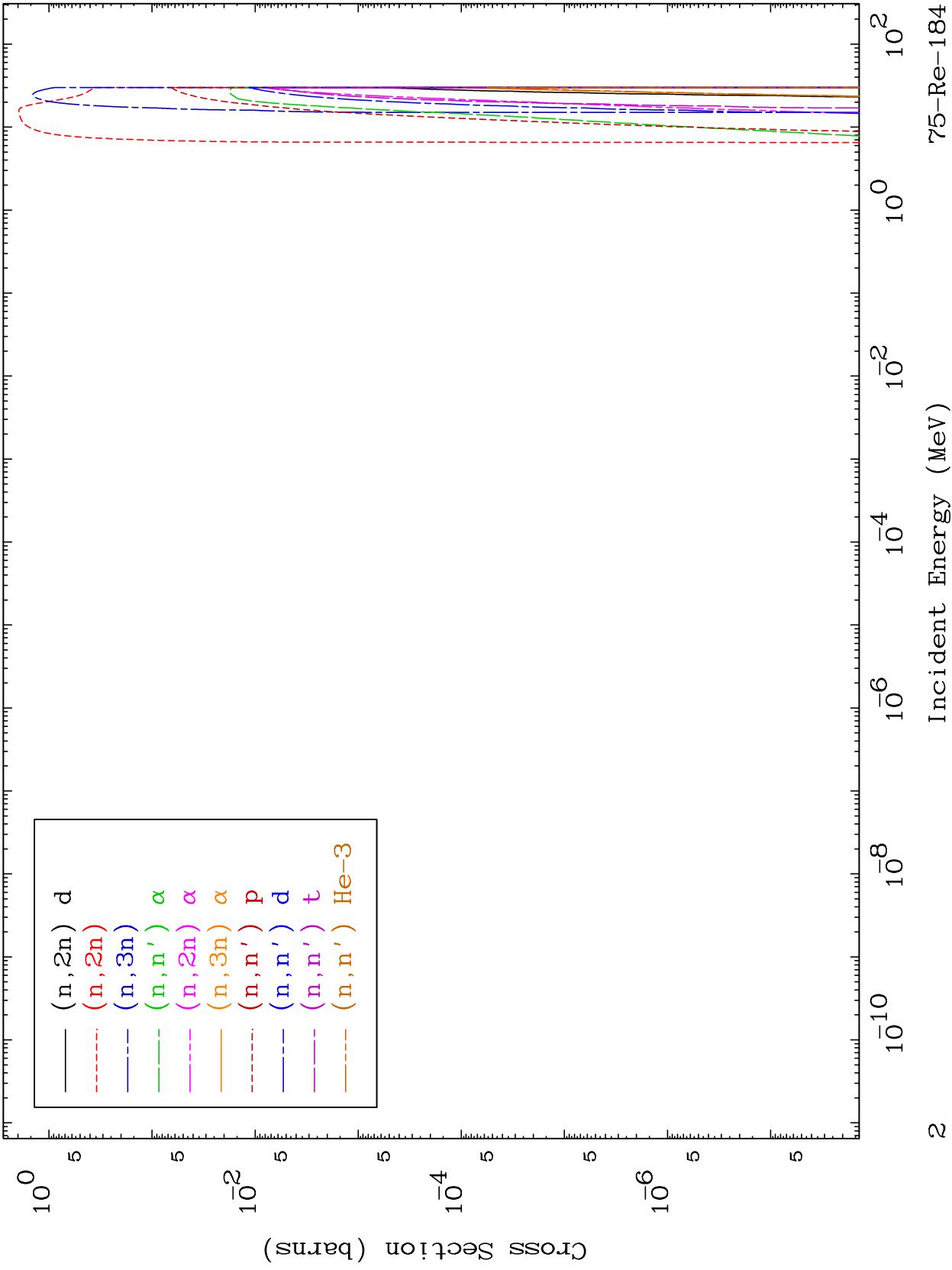
75-Re-184



MAT 7522

Neutron Absorption
293 Kelvin Cross Sections

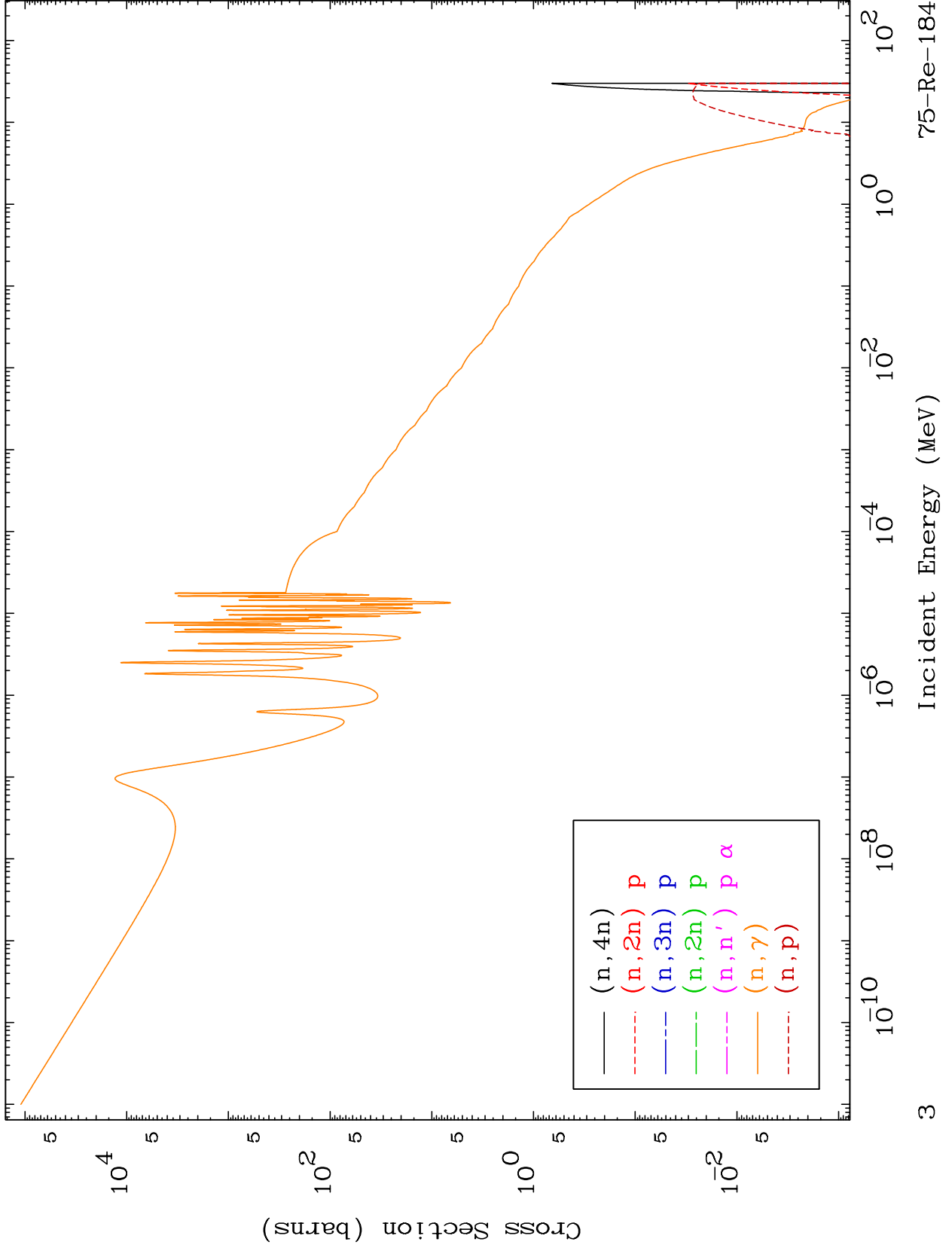
75-Re-184



MAT 75222

Neutron Absorption
293 Kelvin Cross Sections

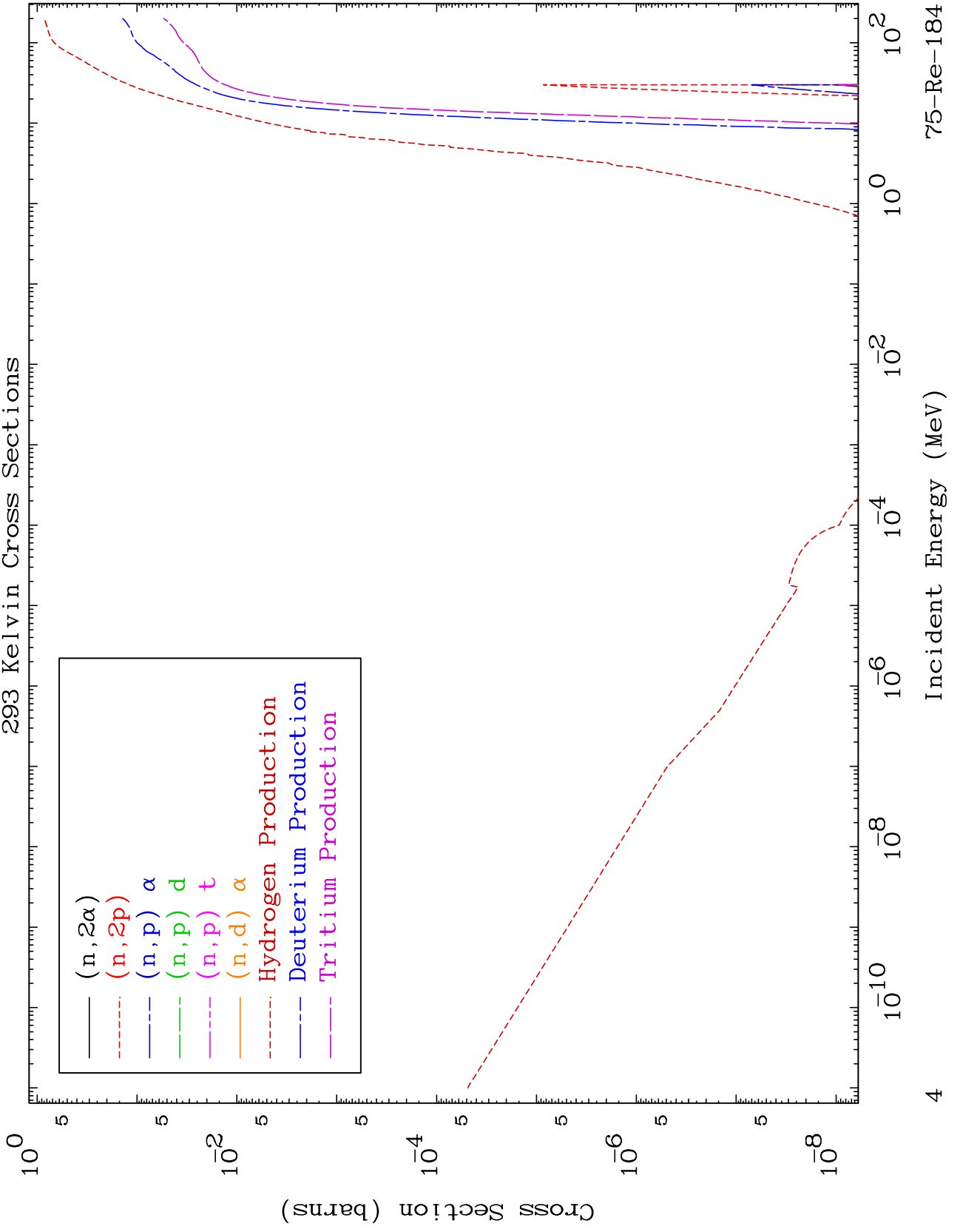
75-Re-184



MAT 7522

Neutron Absorption
293 Kelvin Cross Sections

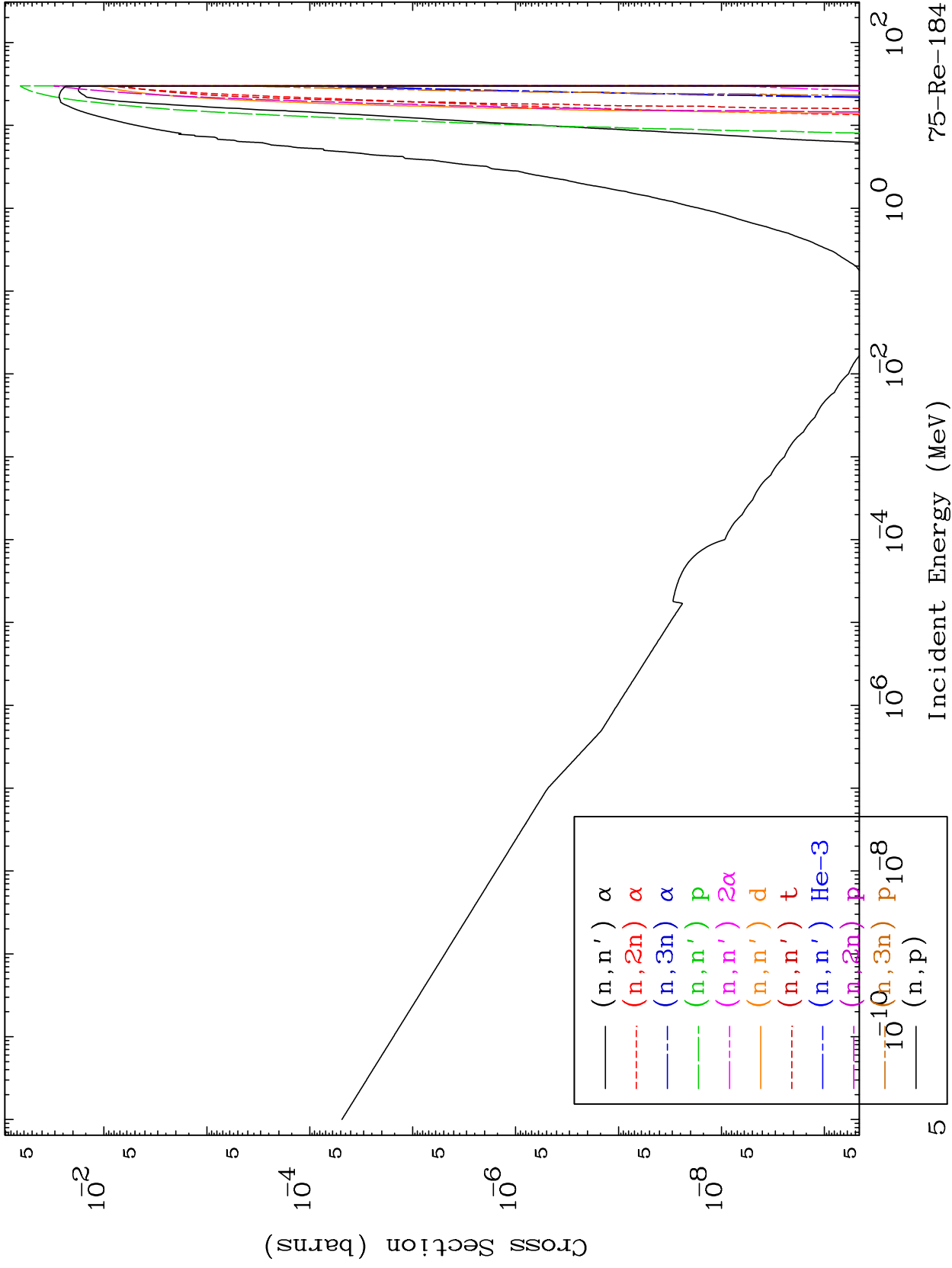
75-Re-184



MAT 7522

Charged Particle
293 Kelvin Cross Sections

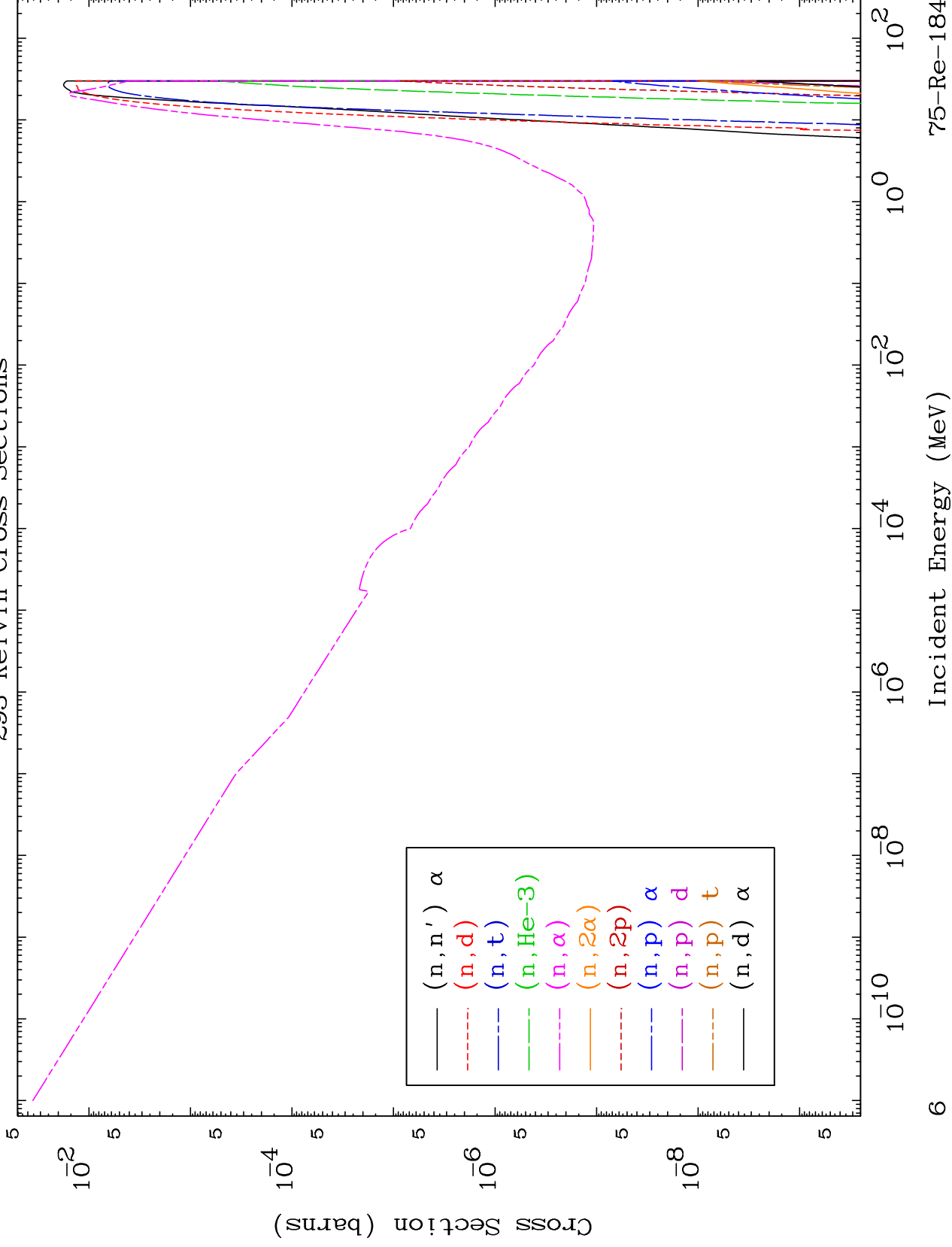
75-Re-184

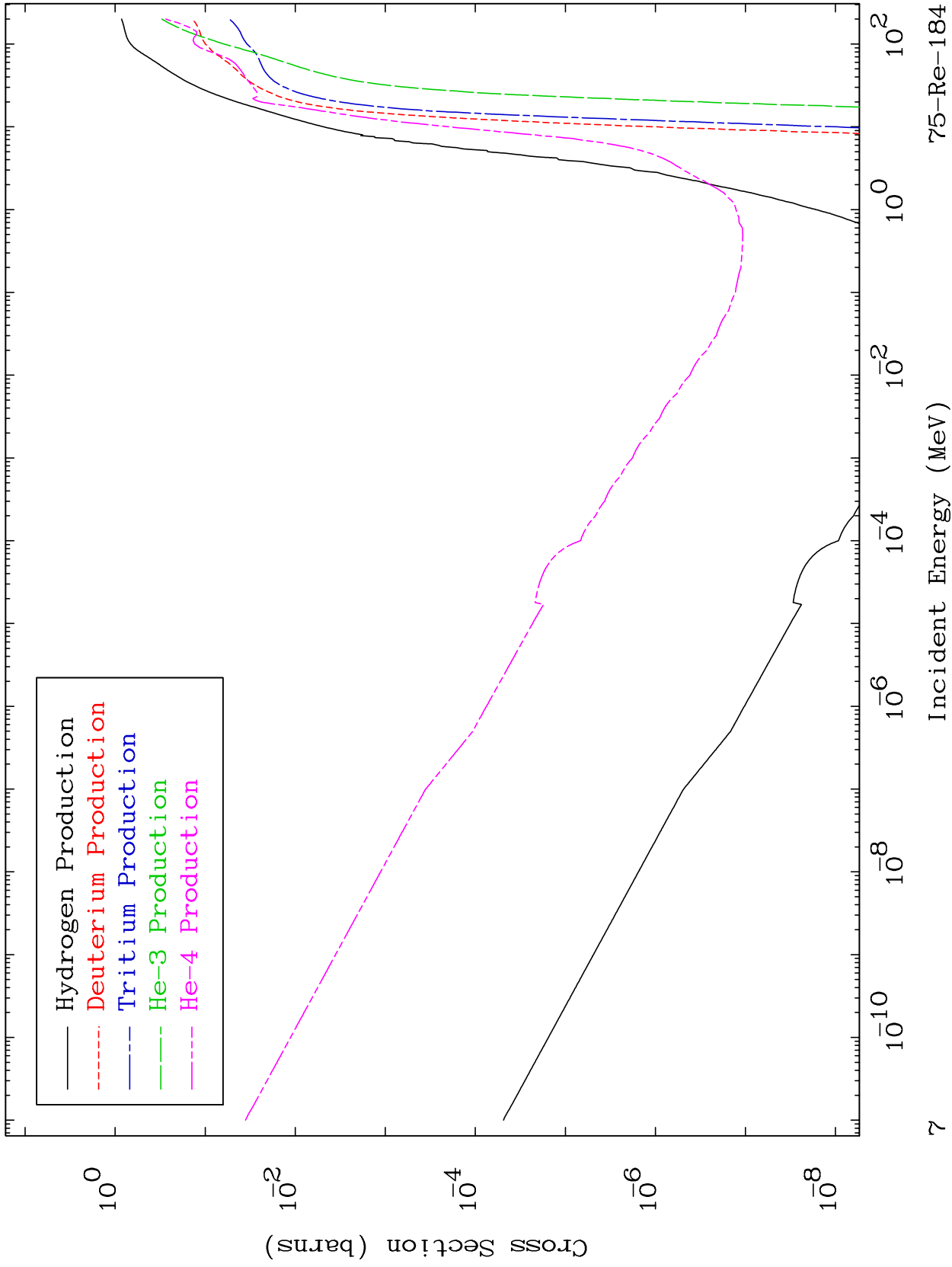


MAT 7522

Charged Particle
293 Kelvin Cross Sections

75-Re-184



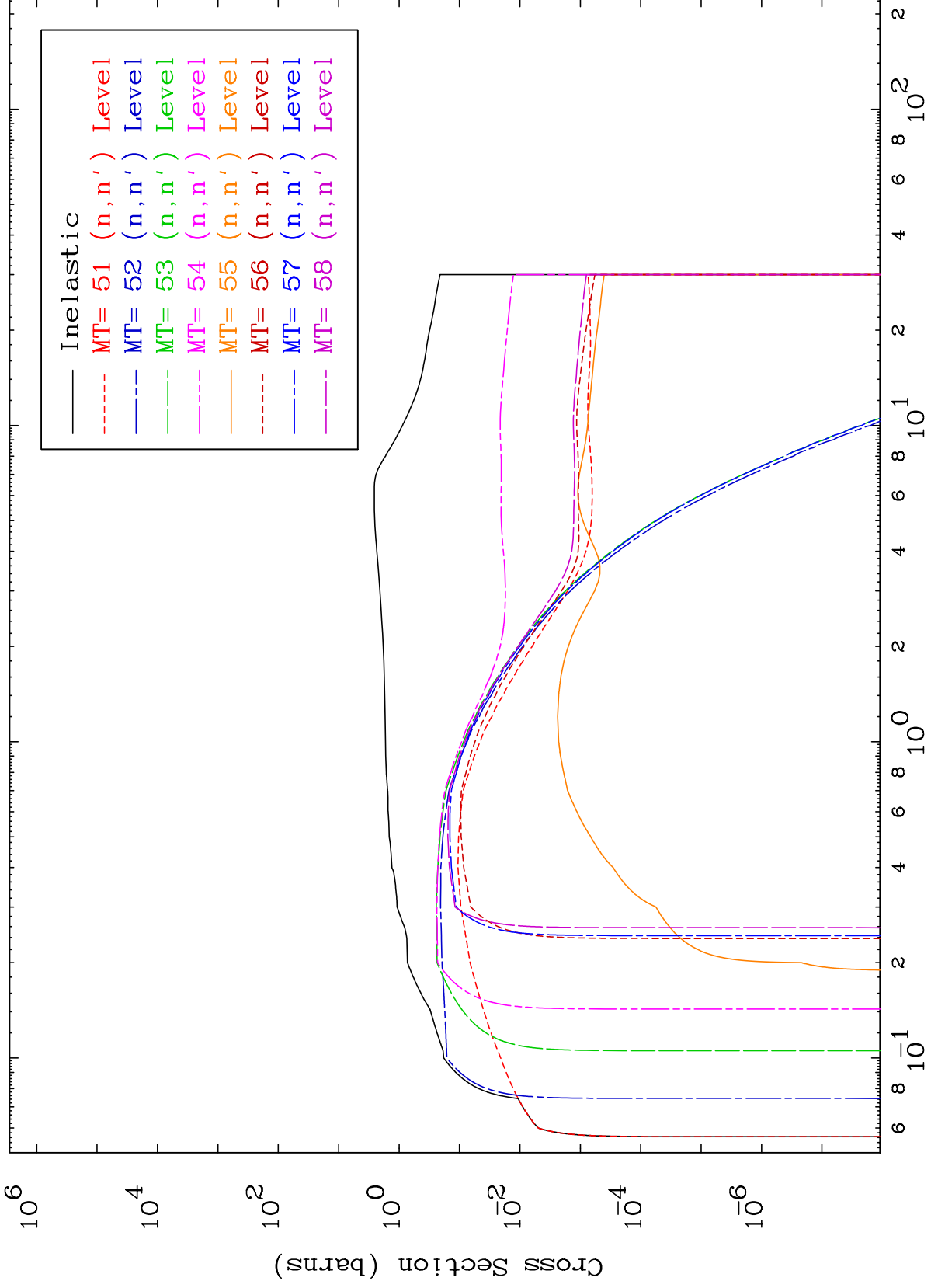


MAT 7522

(n,n') Levels

293 Kelvin Cross Sections

75-Re-184



8

Incident Energy (MeV)

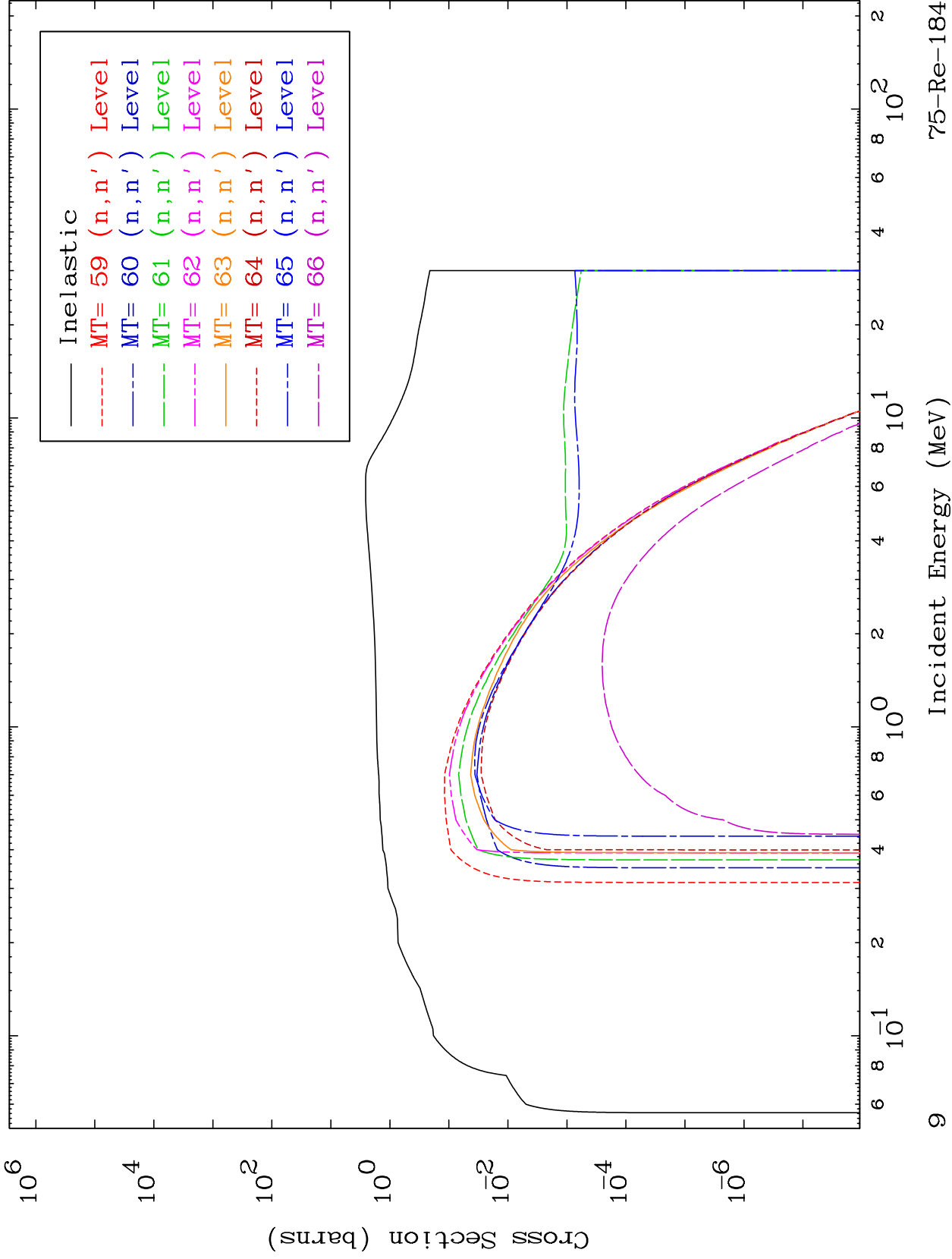
75-Re-184

MAT 7522

(n,n') Levels

293 Kelvin Cross Sections

75-Re-184

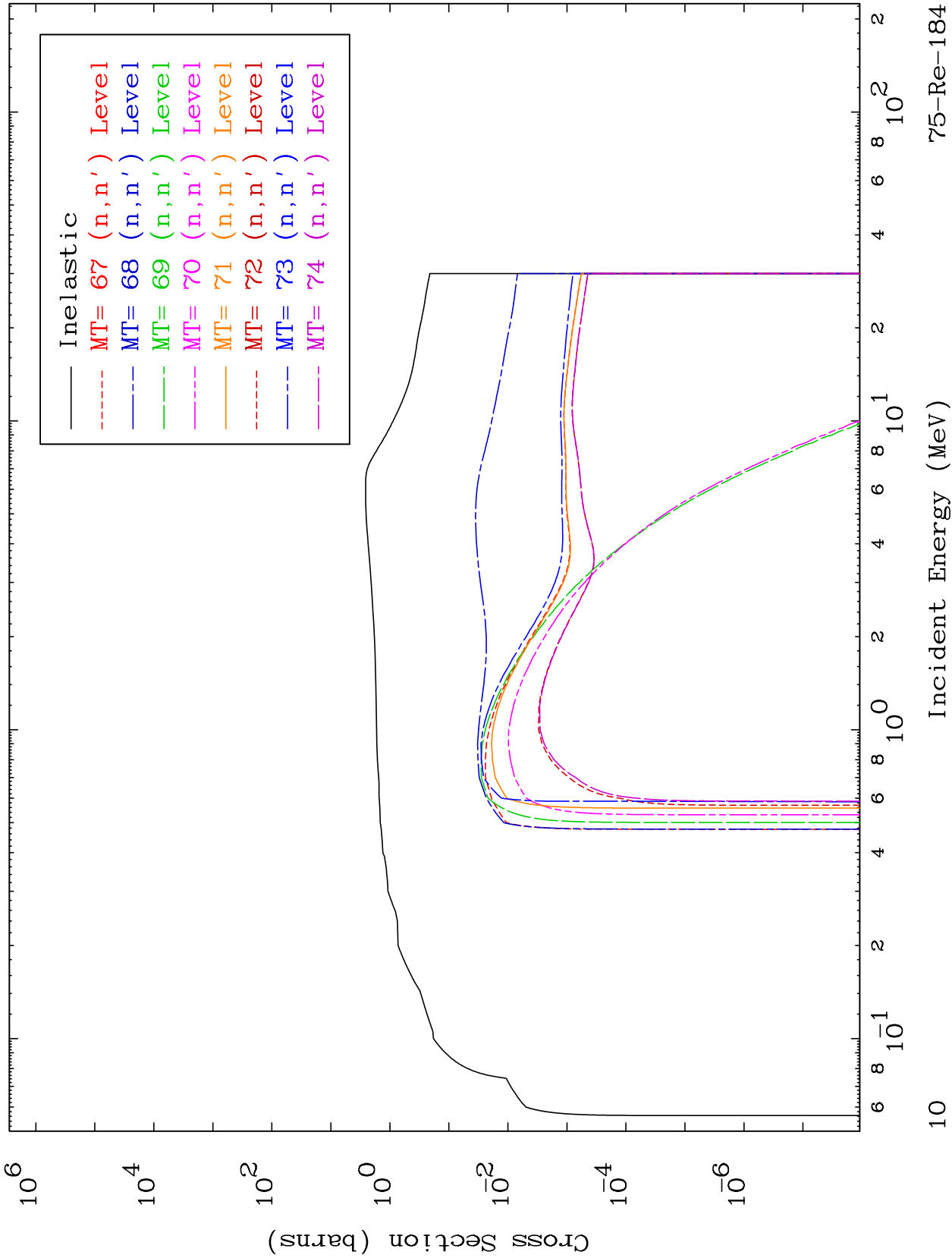


MAT 7522

(n,n') Levels

293 Kelvin Cross Sections

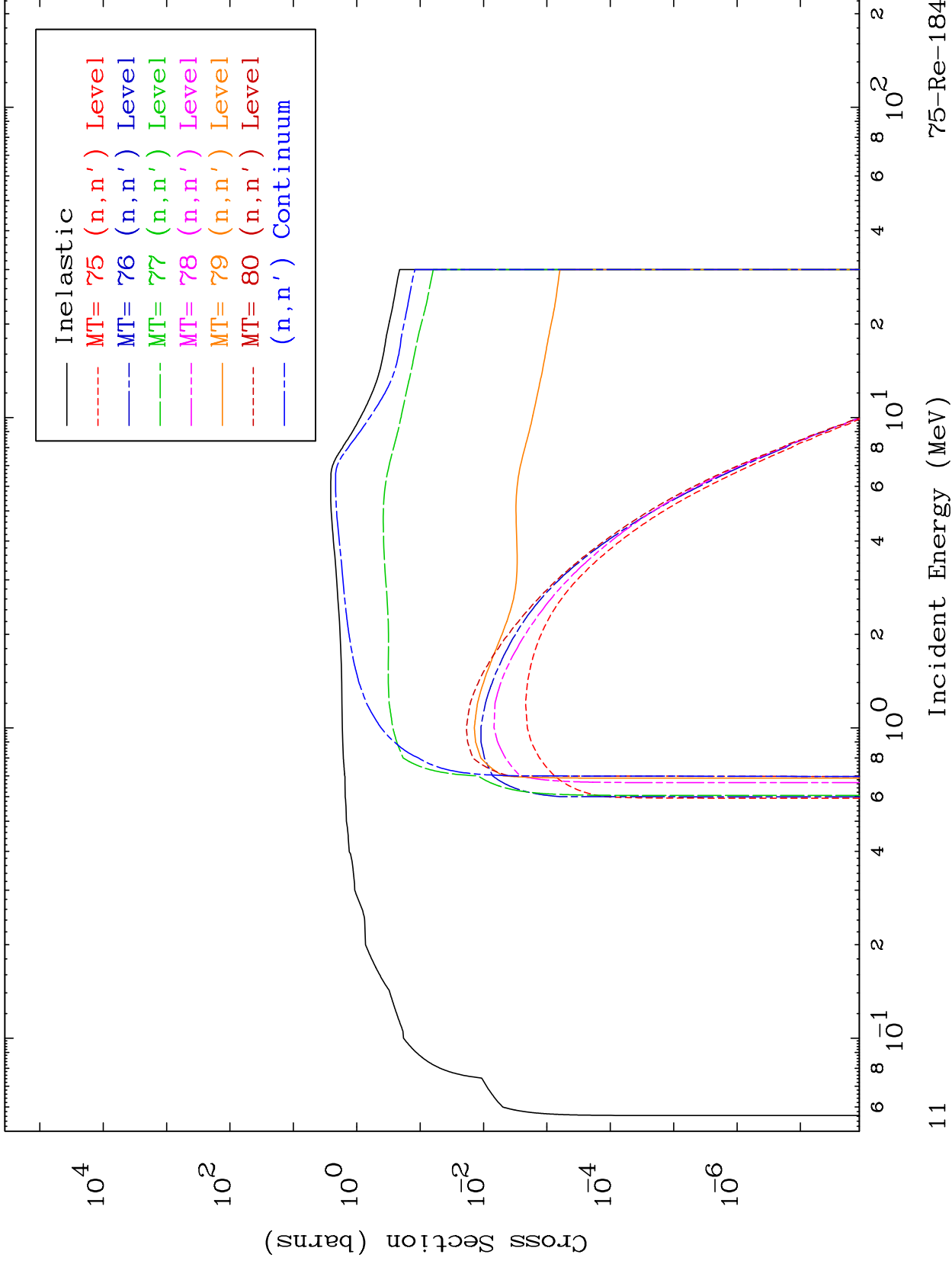
75-Re-184



10

Incident Energy (MeV)

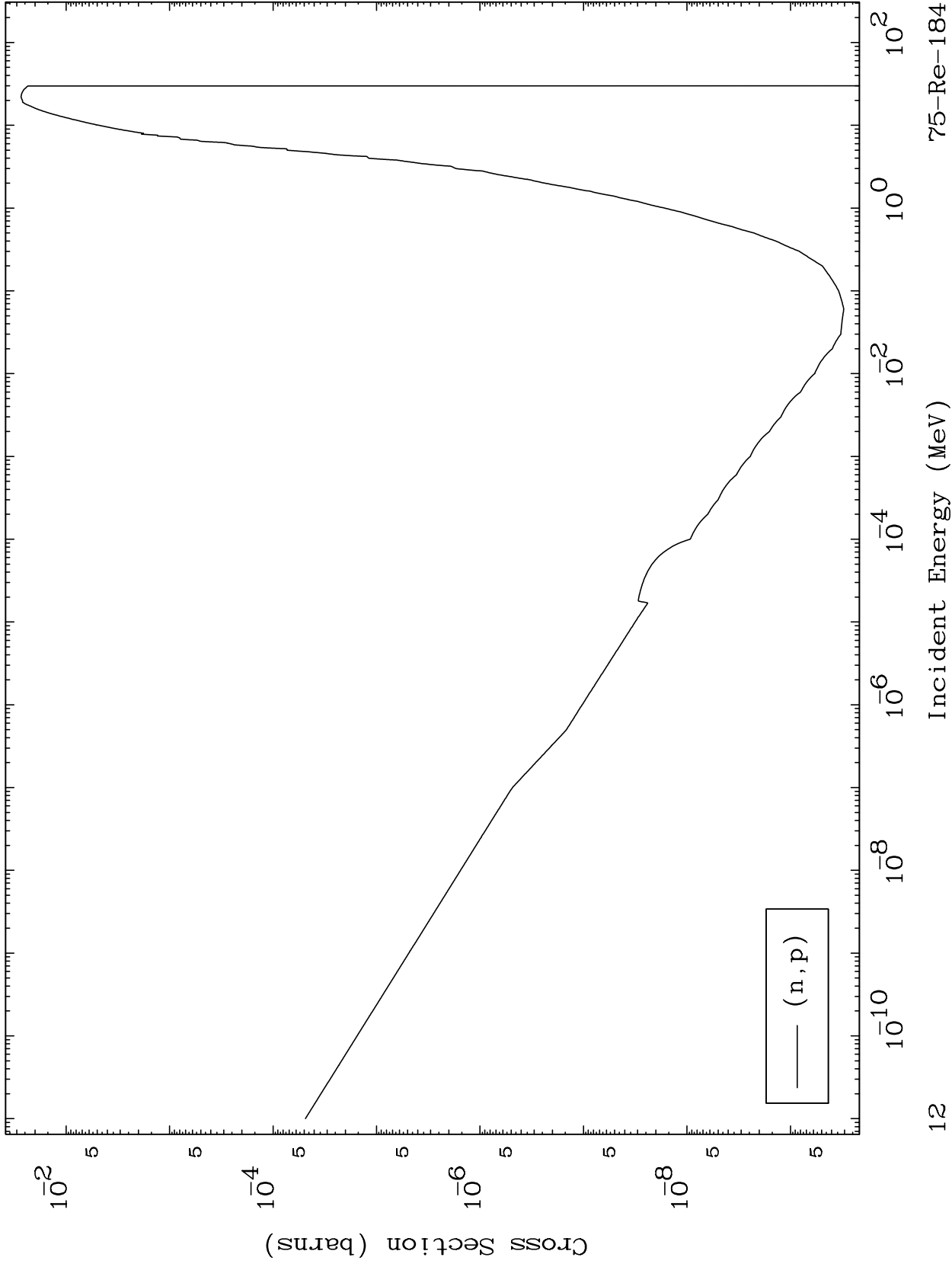
75-Re-184



MAT 7522

(n,p) Levels
293 Kelvin Cross Sections

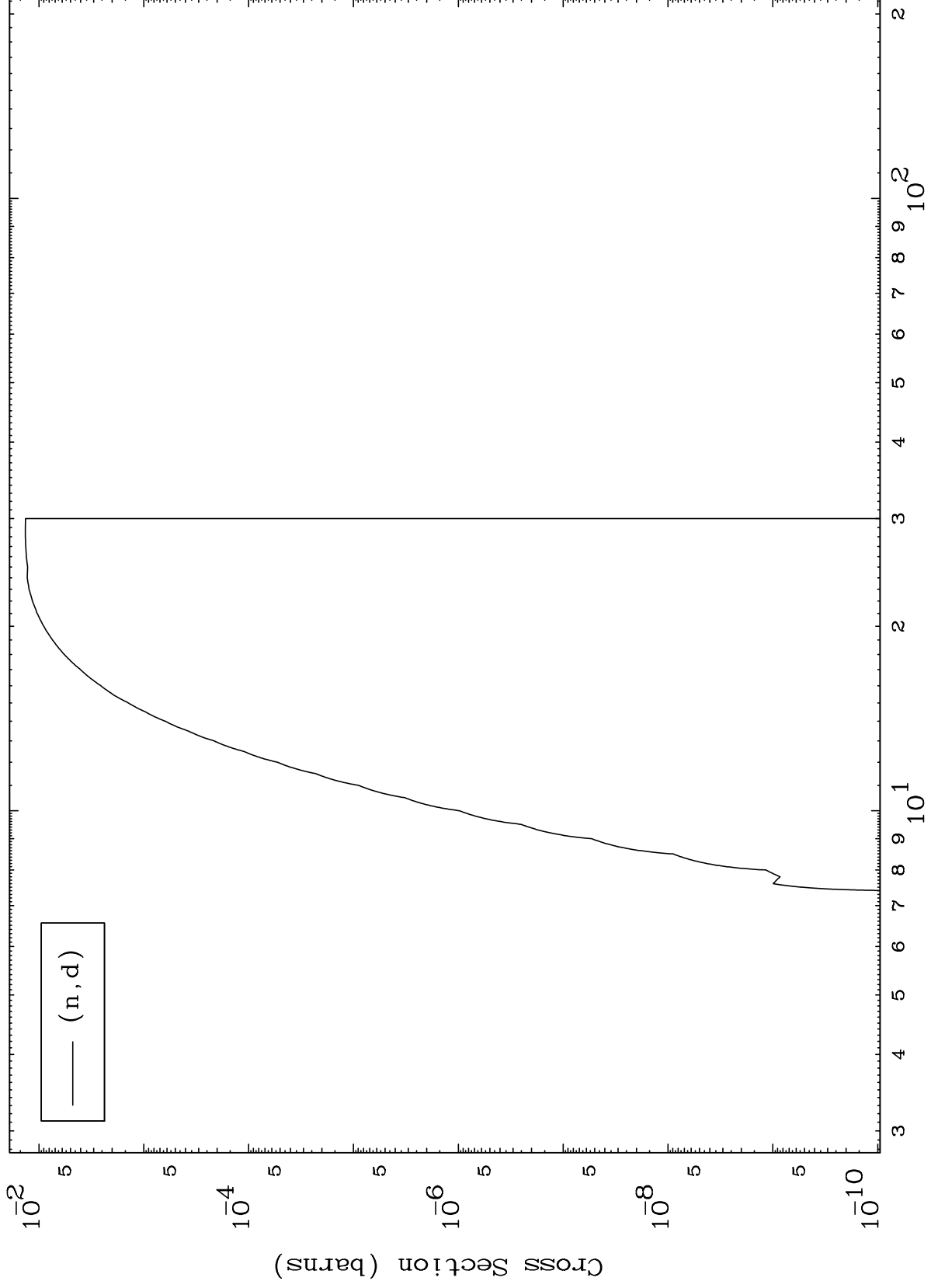
75-Re-184



MAT 7522

(n,d) Levels
293 Kelvin Cross Sections

75-Re-184



13

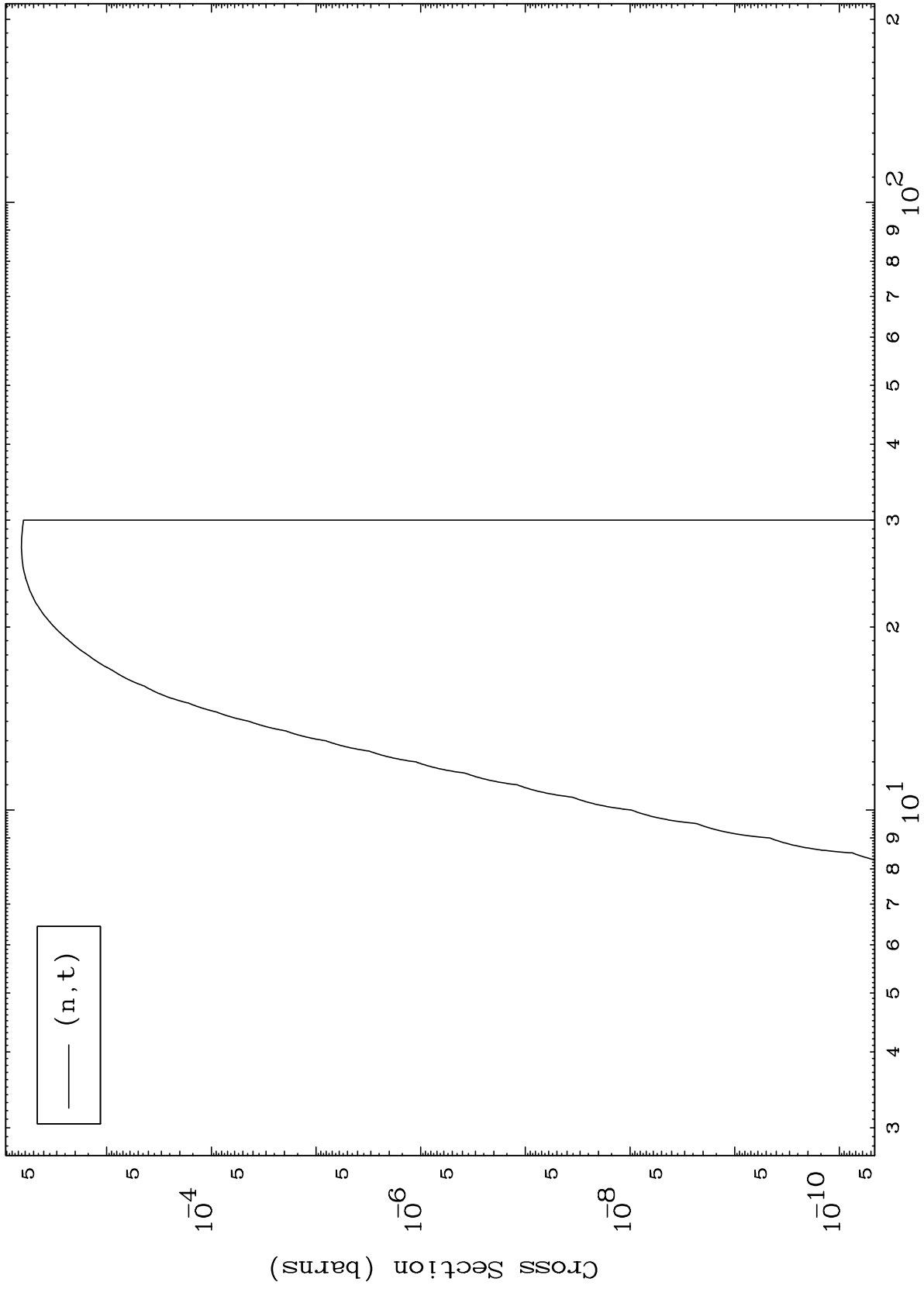
Incident Energy (MeV)

75-Re-184

MAT 7522

(n, t) Levels
293 Kelvin Cross Sections

75-Re-184



14

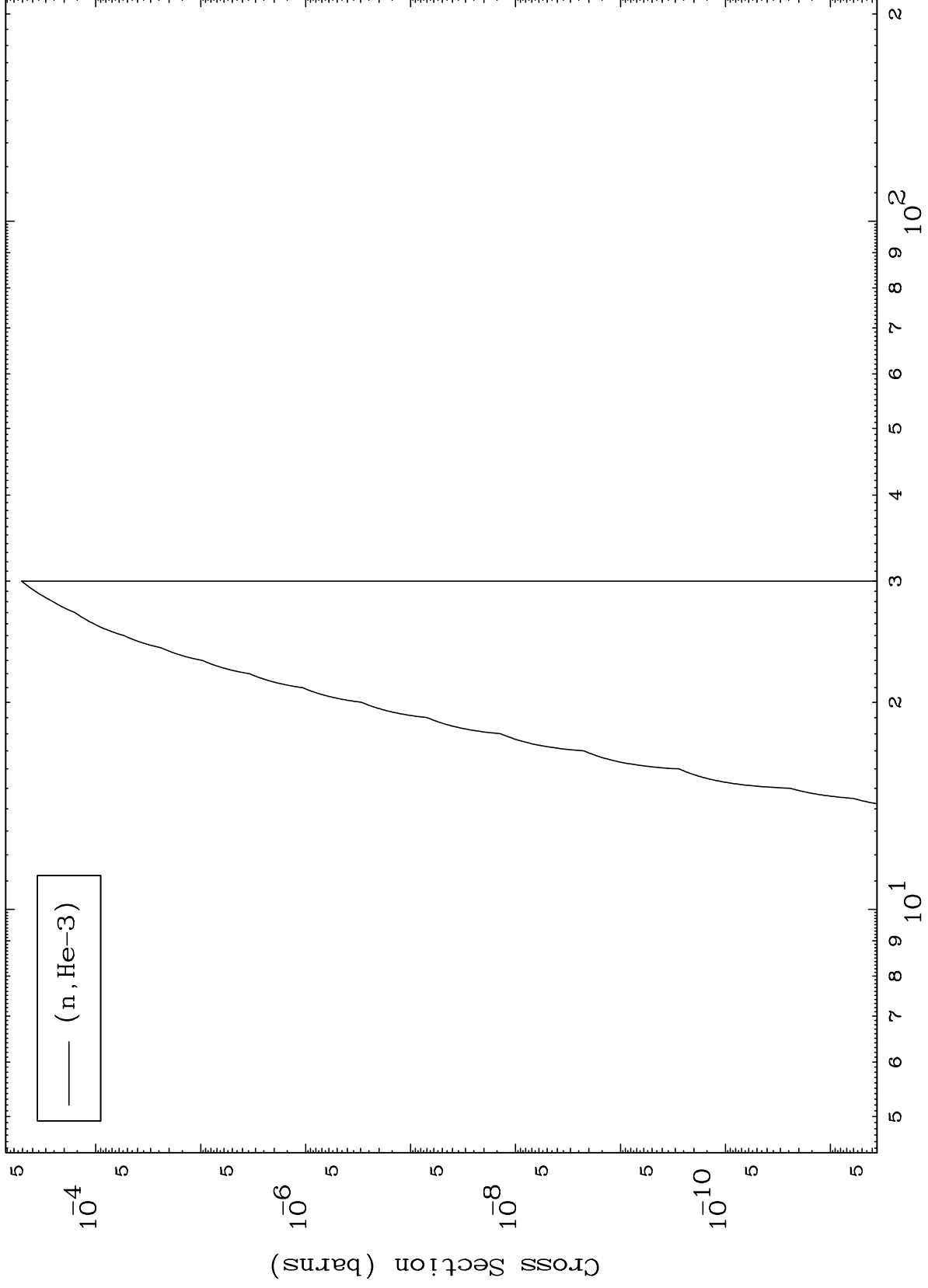
Incident Energy (MeV)

75-Re-184

MAT 75222

(n,He3) Levels
293 Kelvin Cross Sections

75-Re-184



15

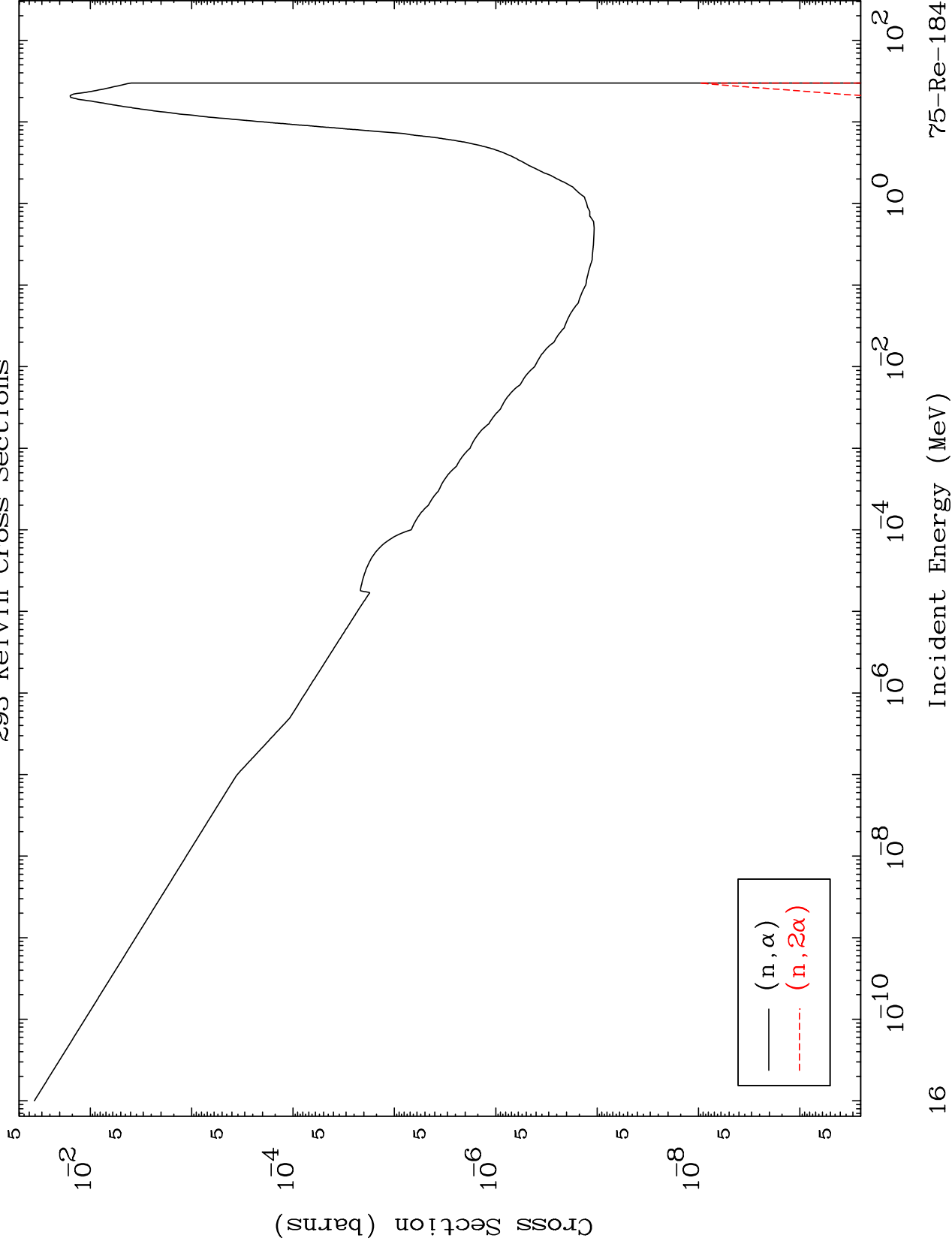
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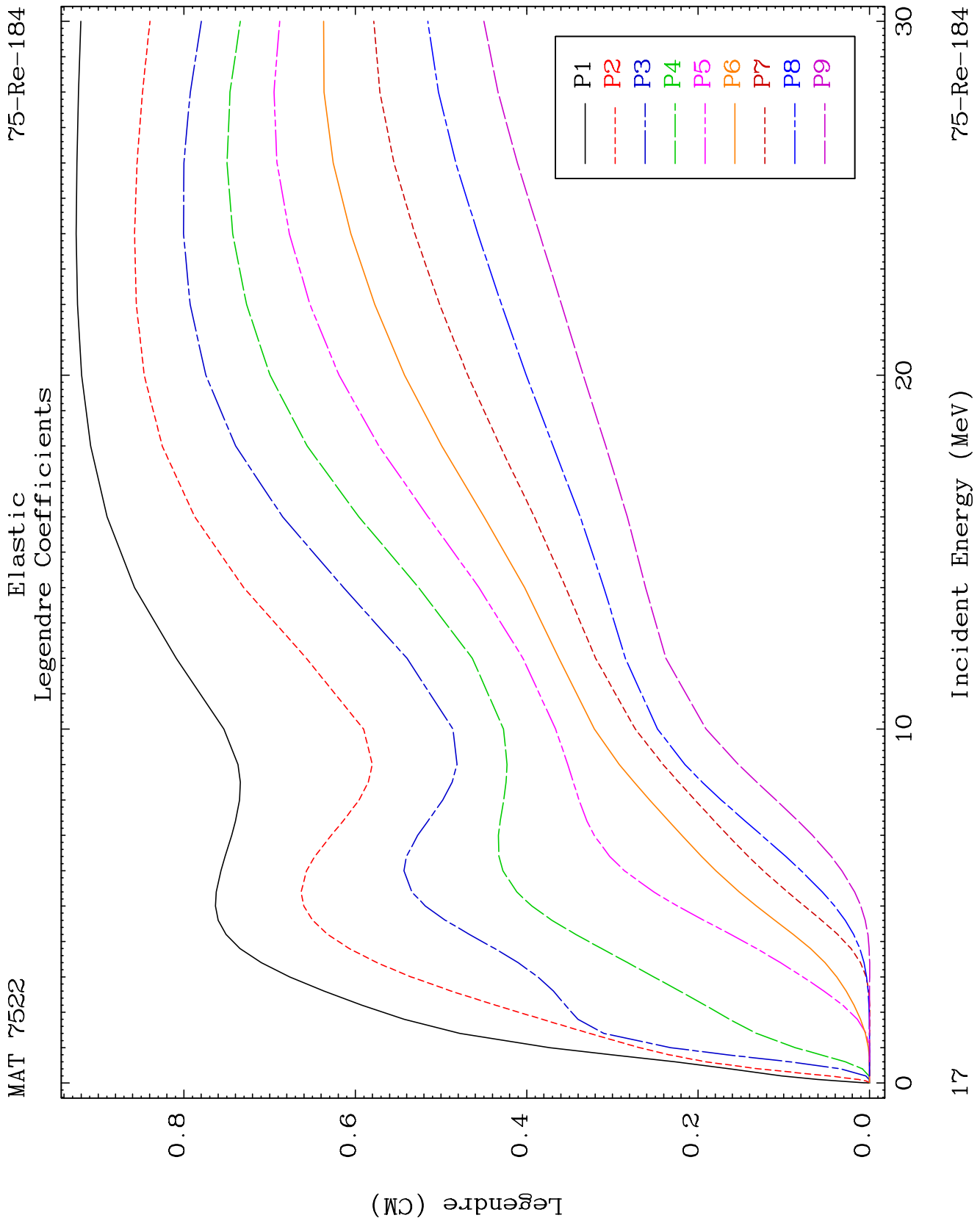
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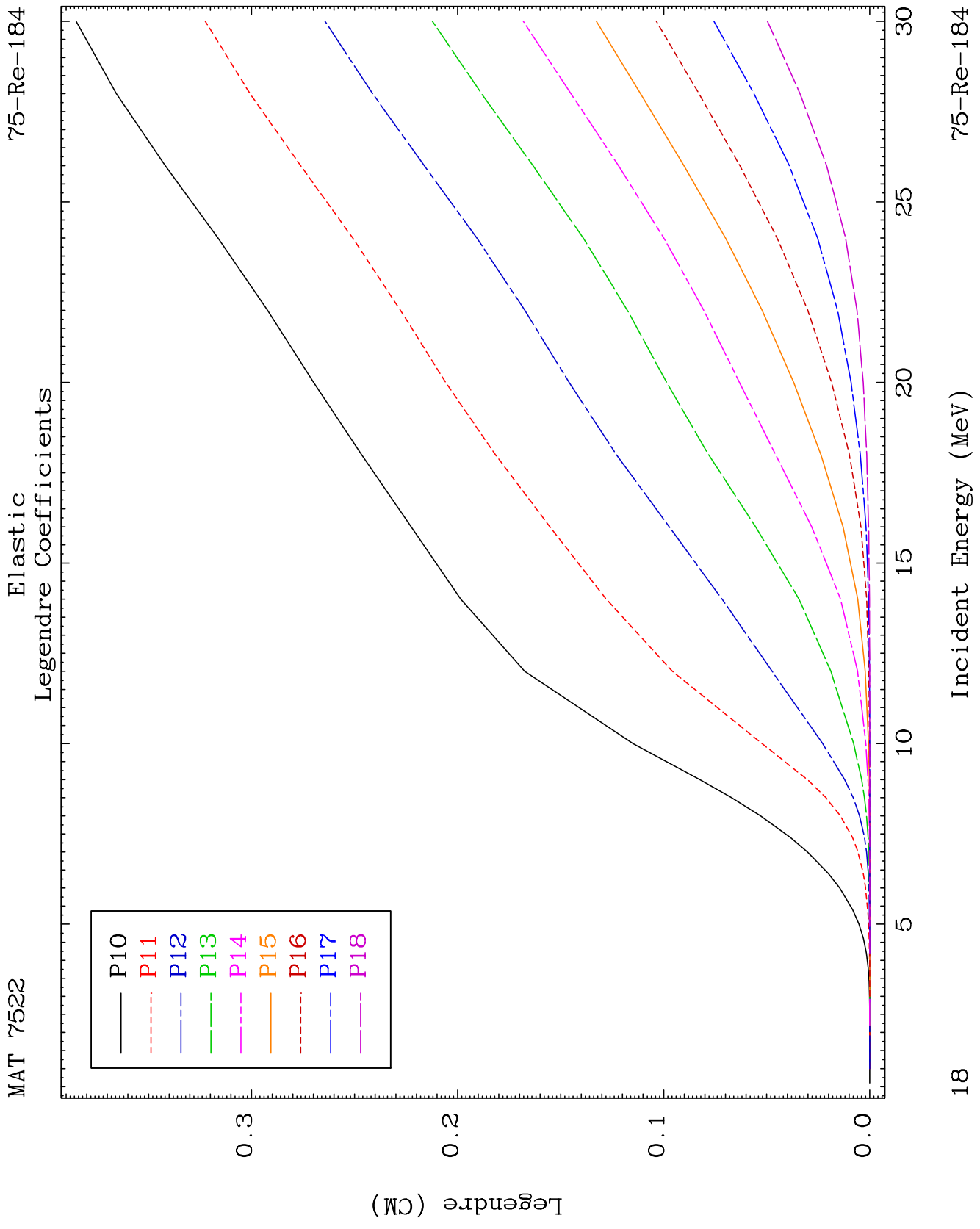
MAT 7522

(n,α) Levels
293 Kelvin Cross Sections

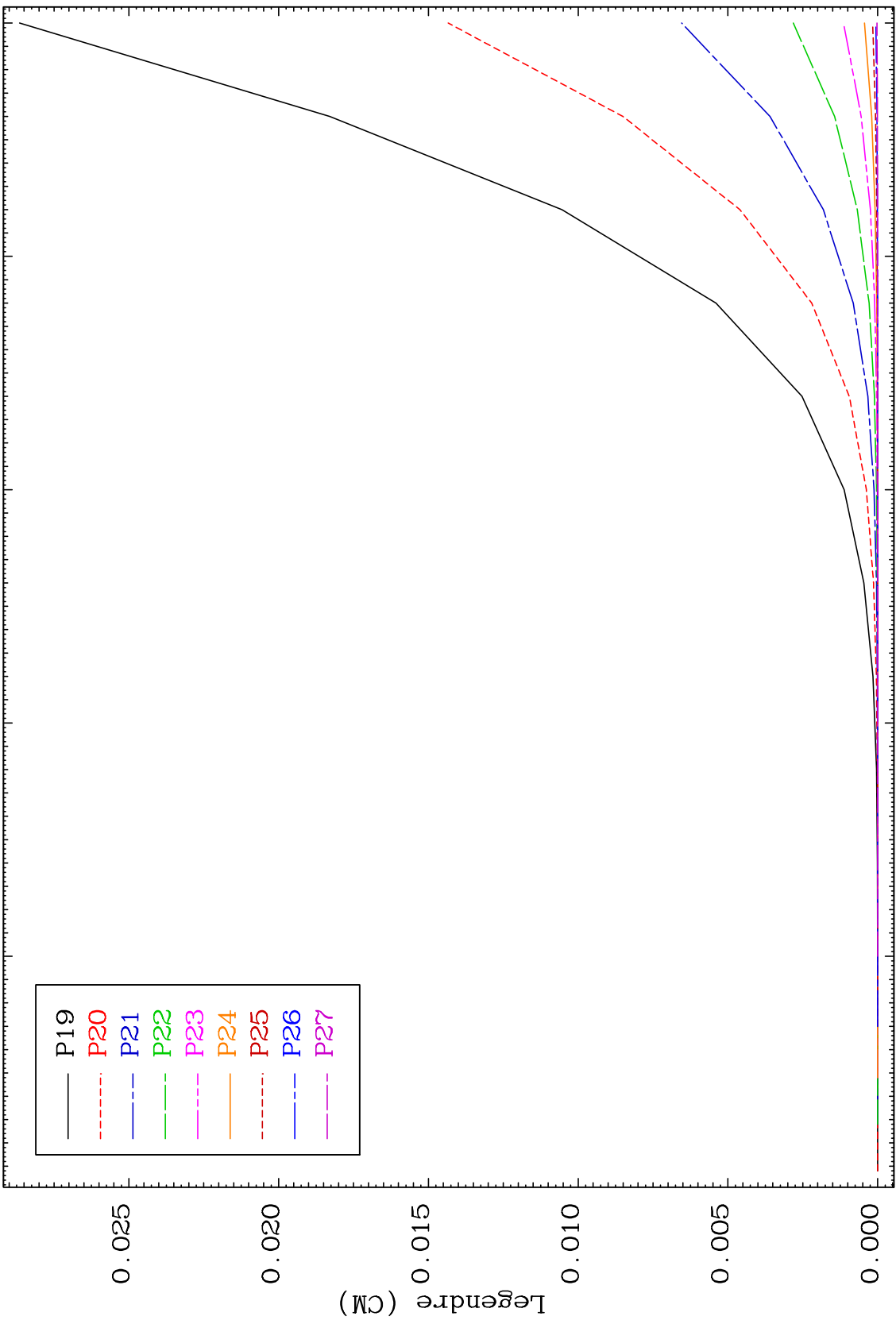
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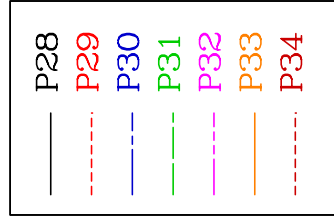
Elastic Legendre Coefficients



MAT 7522

Elastic Legendre Coefficients

75-Re-184



$\times 10^{-6}$

Legendre (CM)

6

4

2

0

15

20

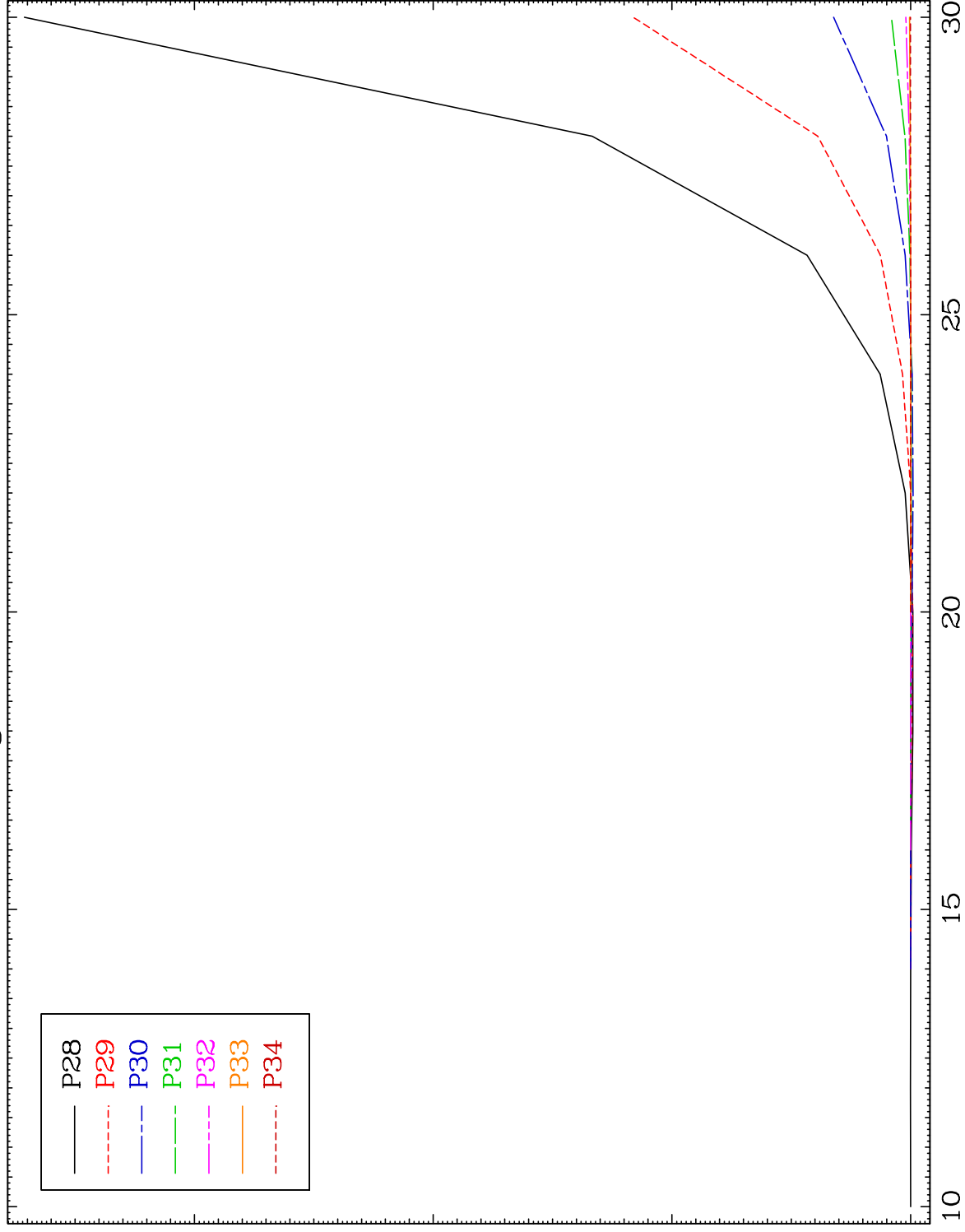
25

30

20

Incident Energy (MeV)

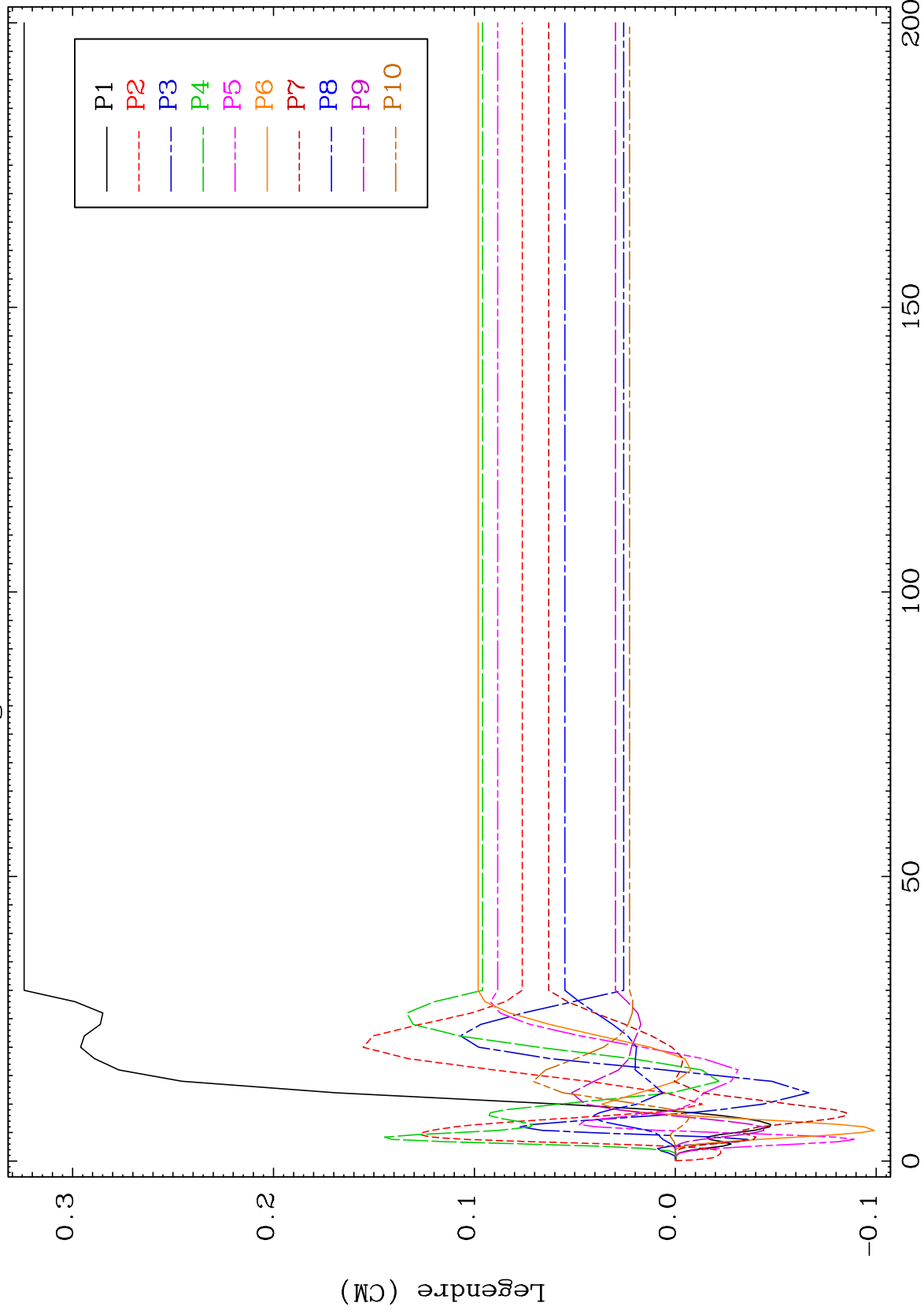
75-Re-184



MAT 7522

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

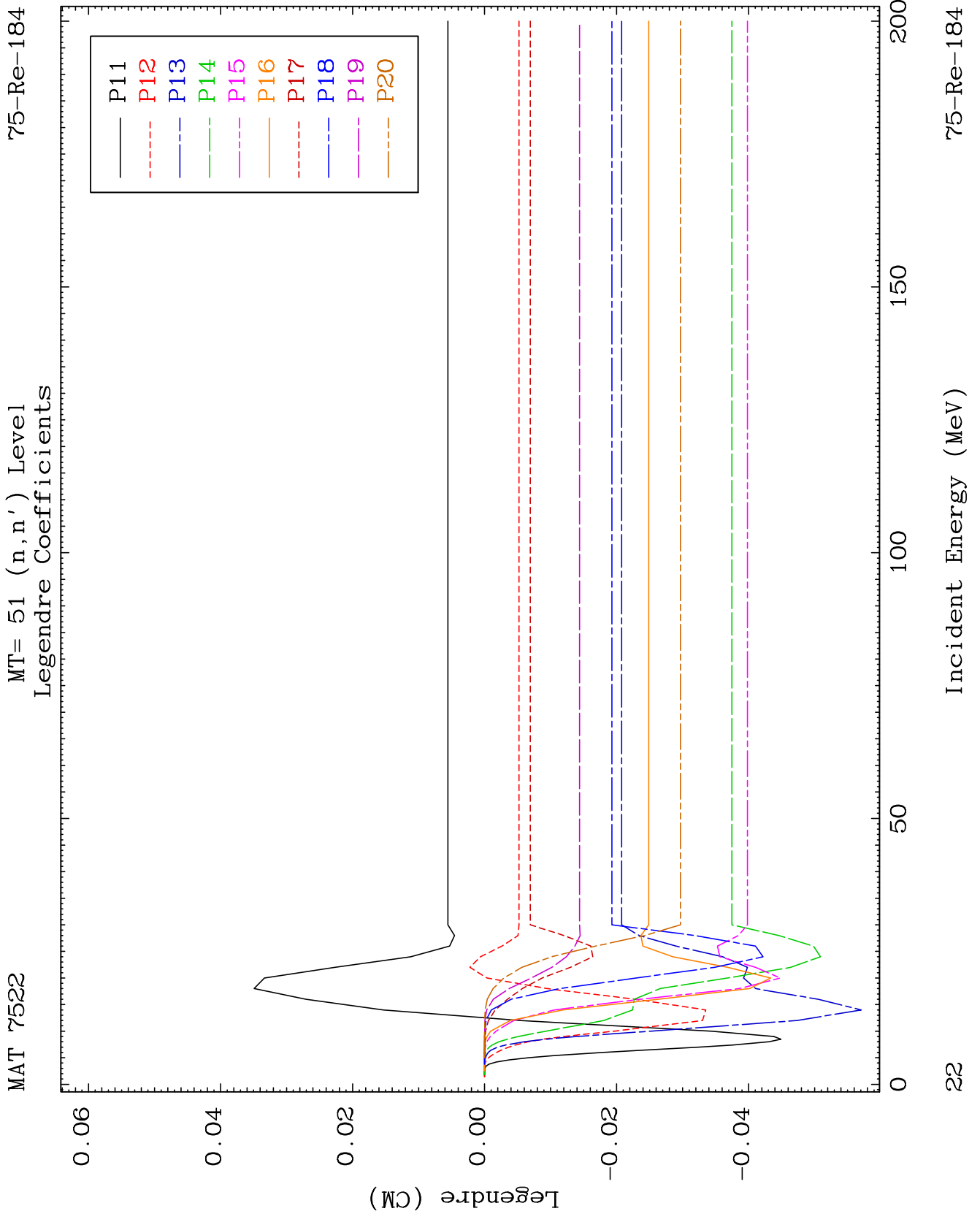
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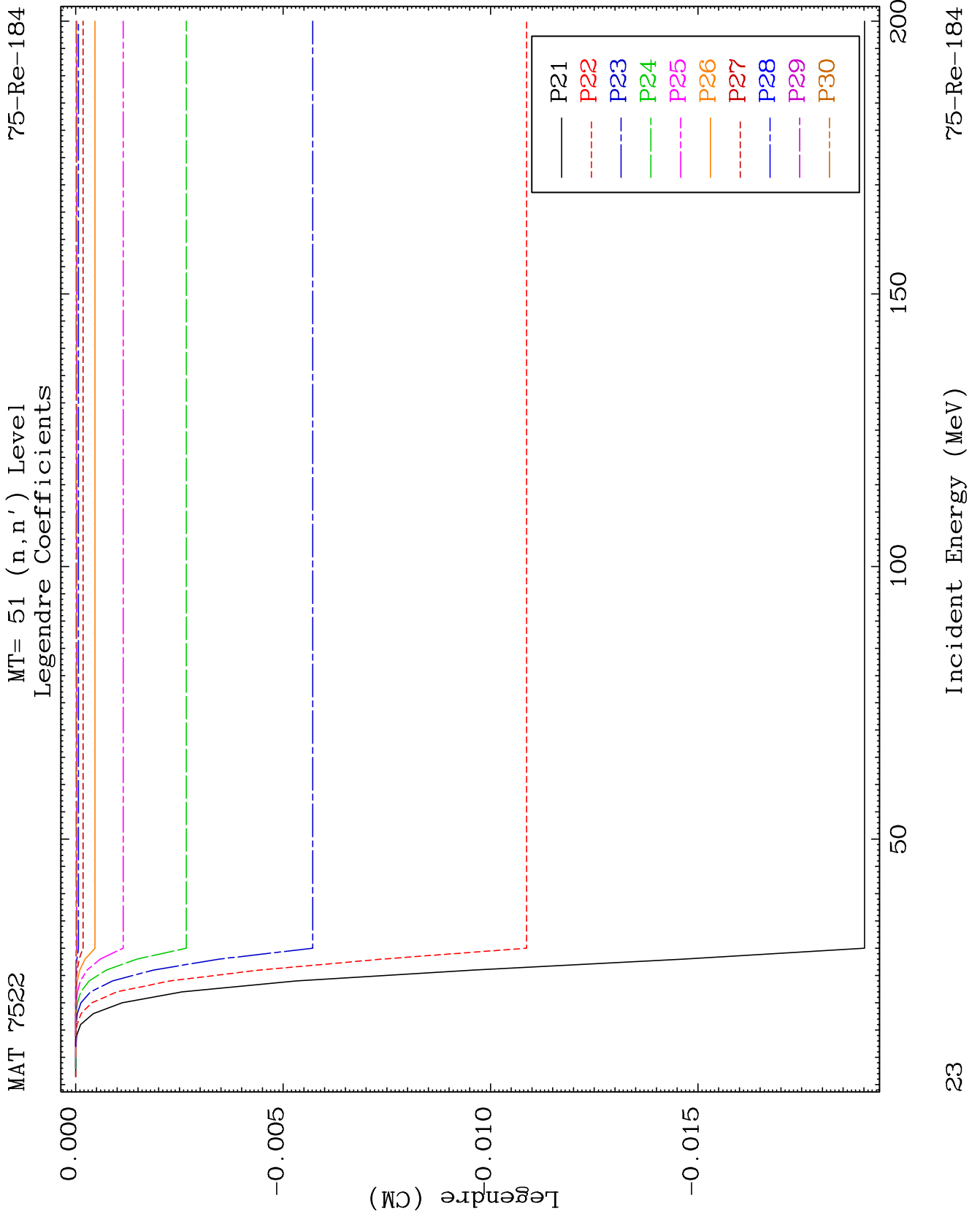


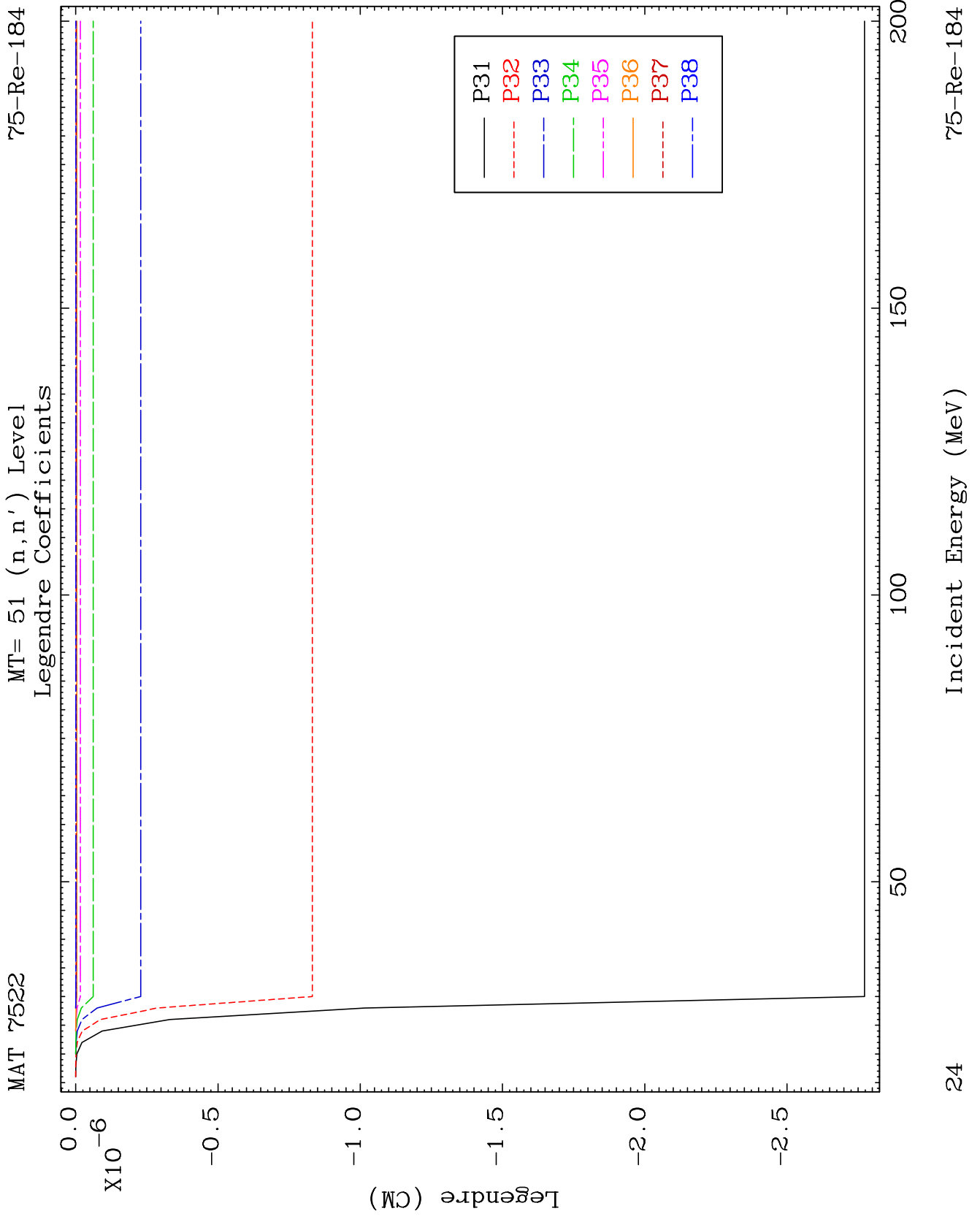
21

Incident Energy (MeV)

75-Re-184



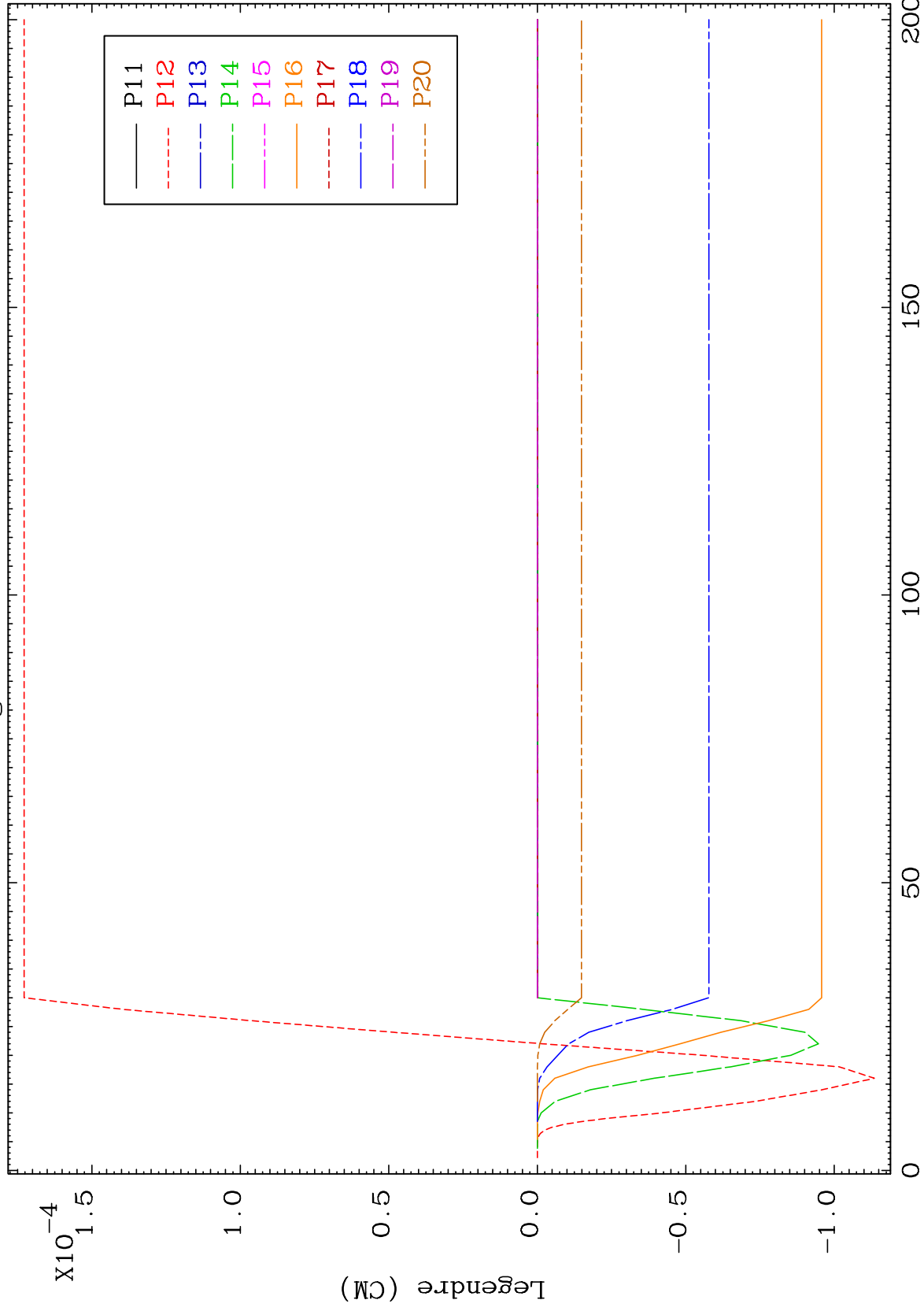




MAT 7522

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

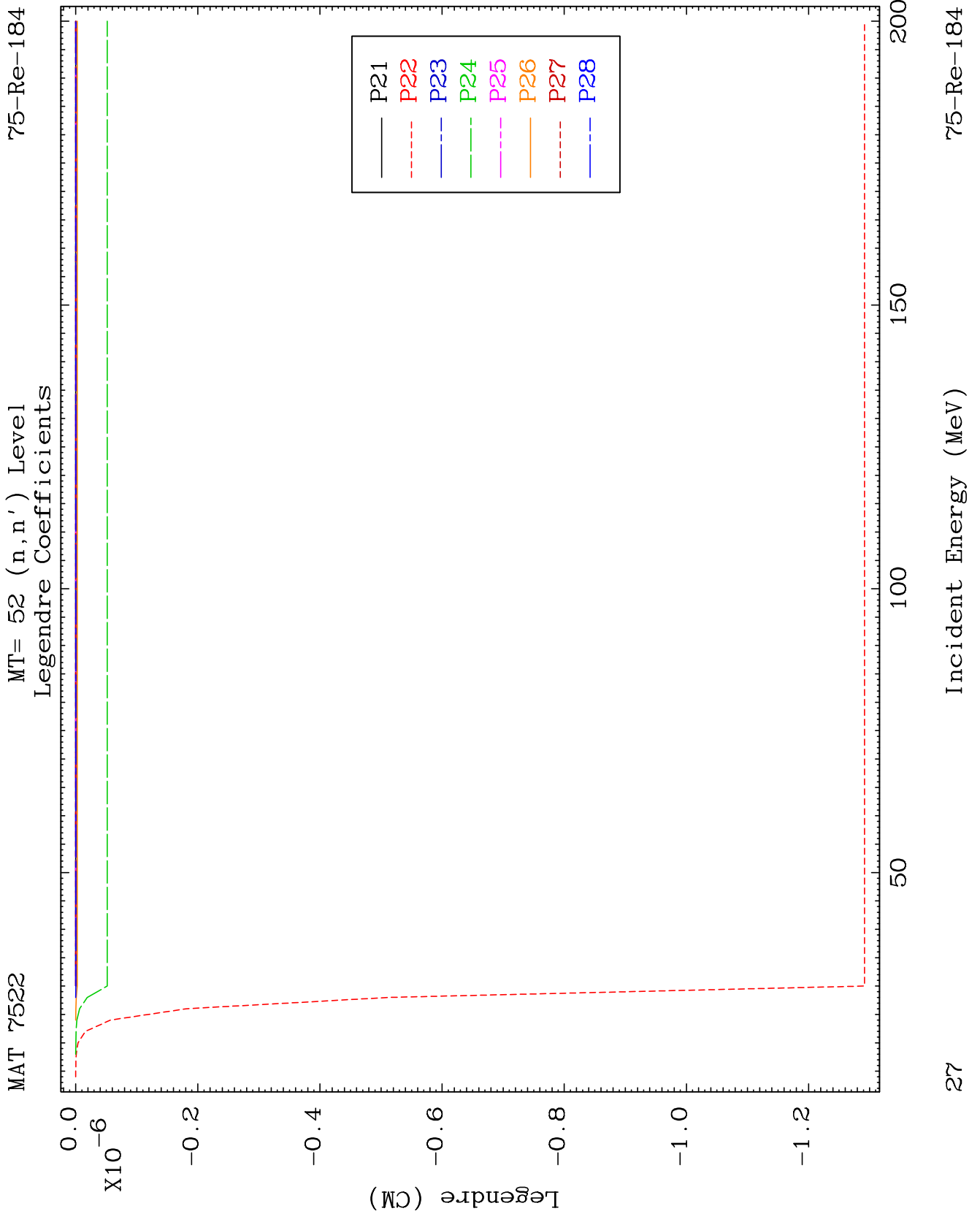
75-Re-184



26

Incident Energy (MeV)

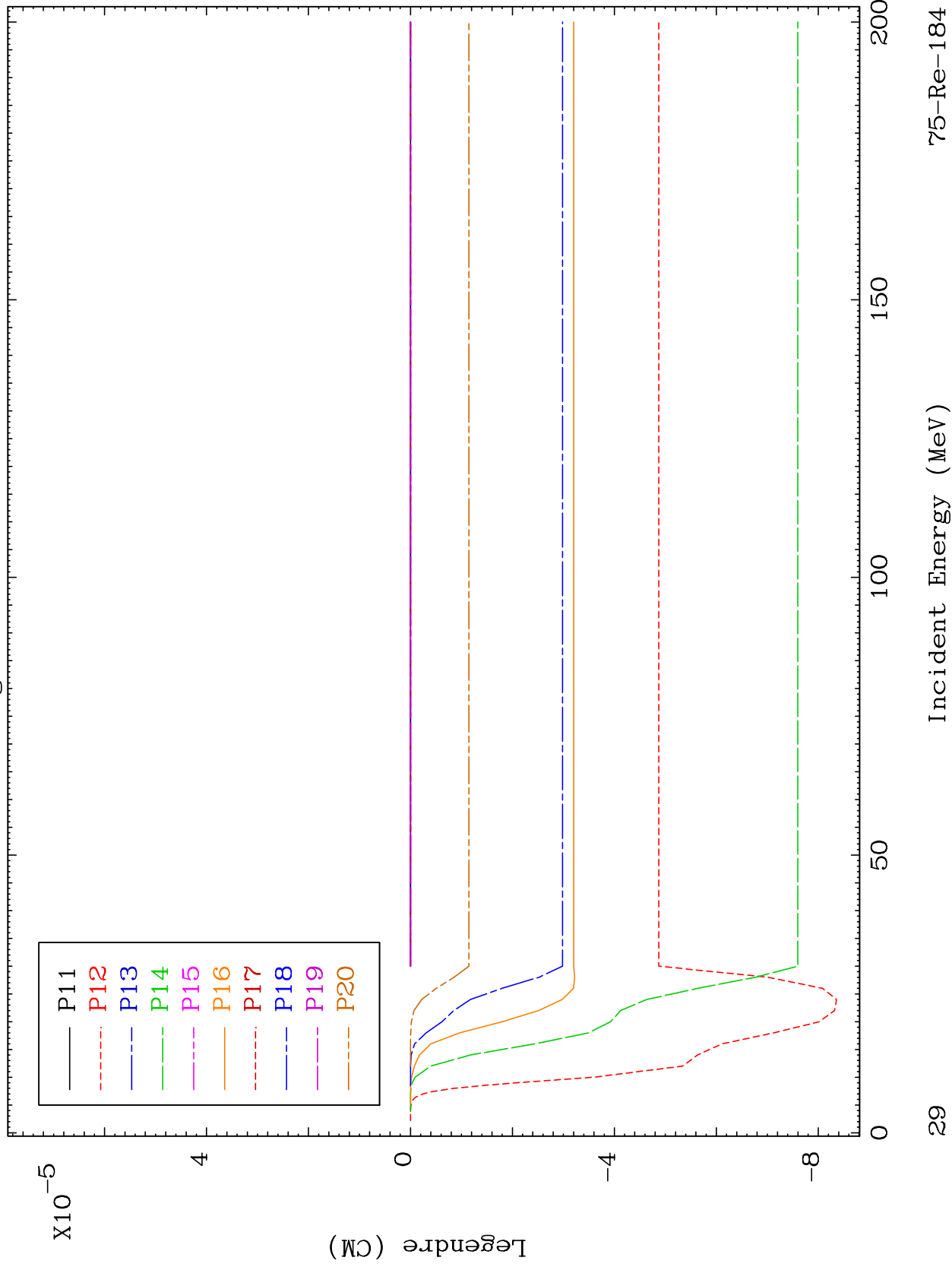
75-Re-184



MAT 7522

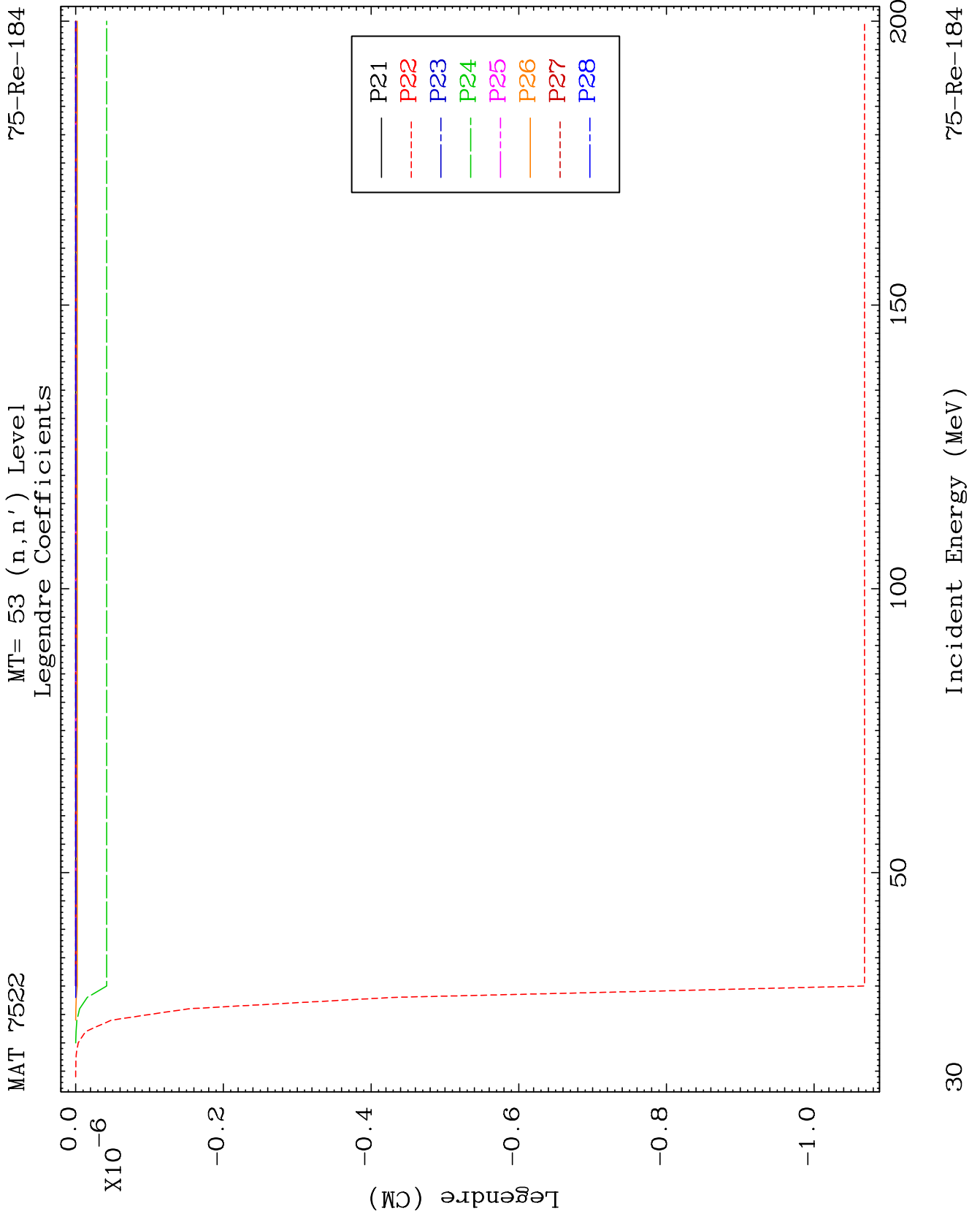
MT= 53 (n,n') Level
Legendre Coefficients

75-Re-184



29

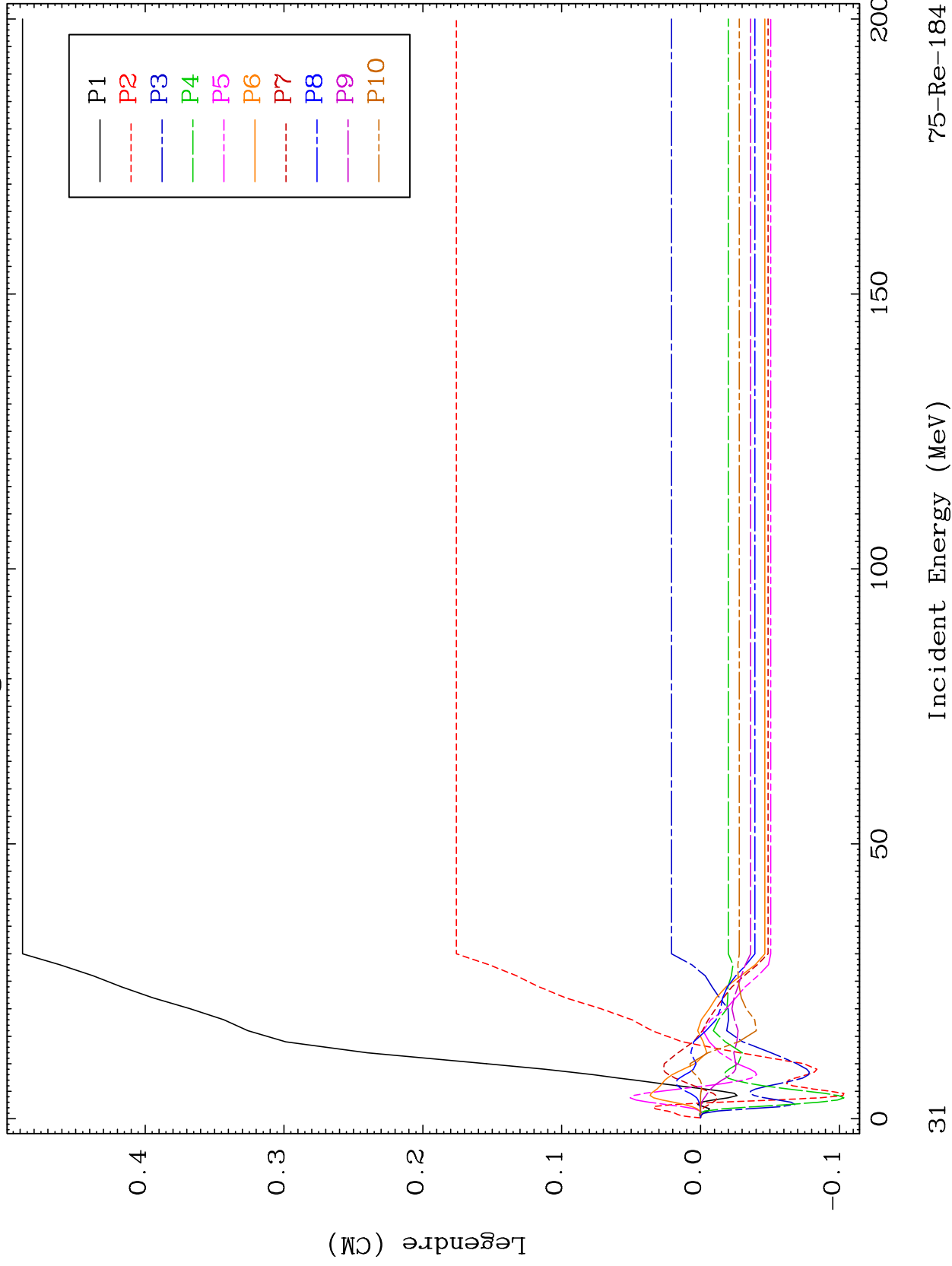
75-Re-184



MAT 7522

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

75-Re-184



75-Re-184

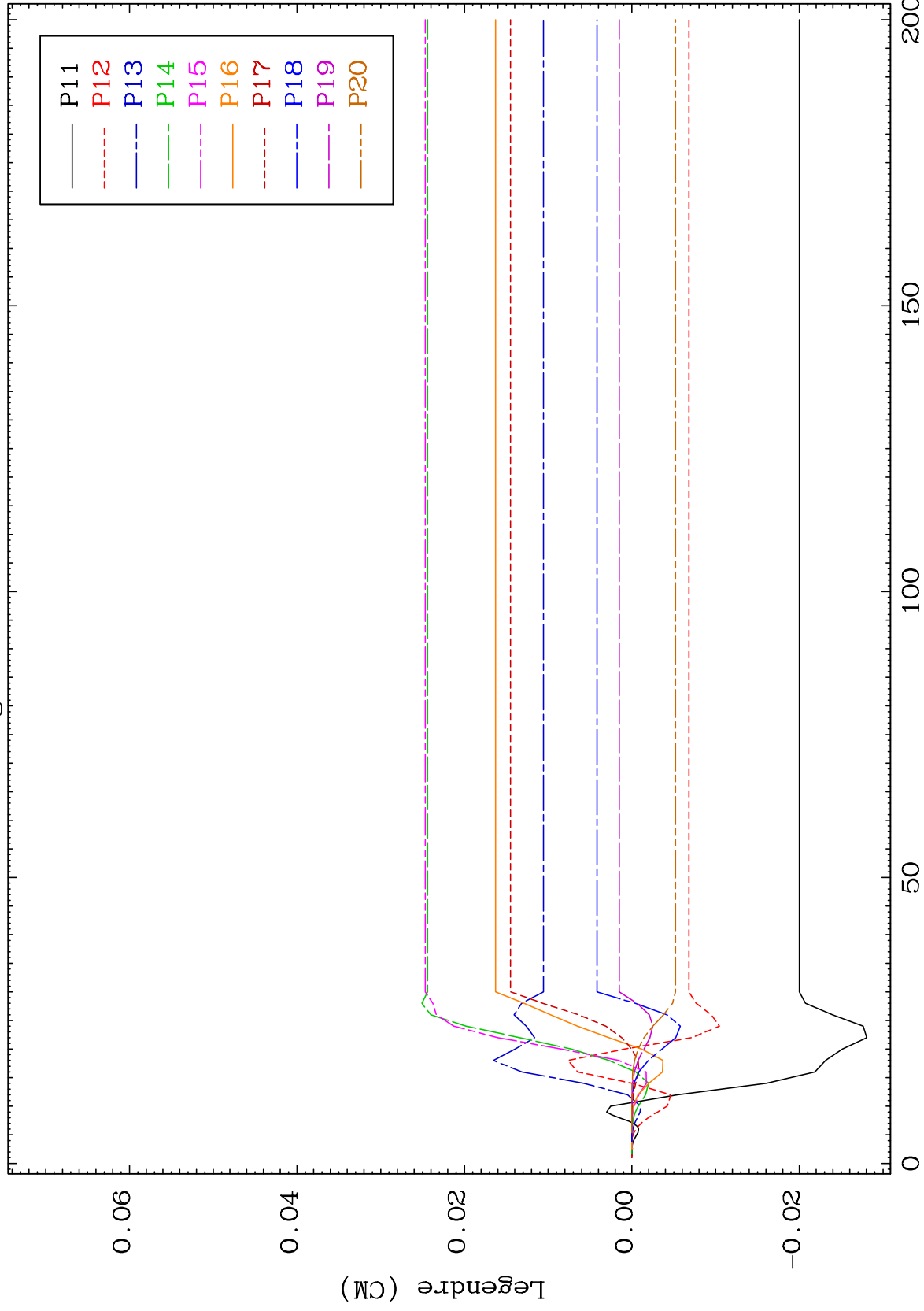
Incident Energy (MeV)

31

MAT 7522

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

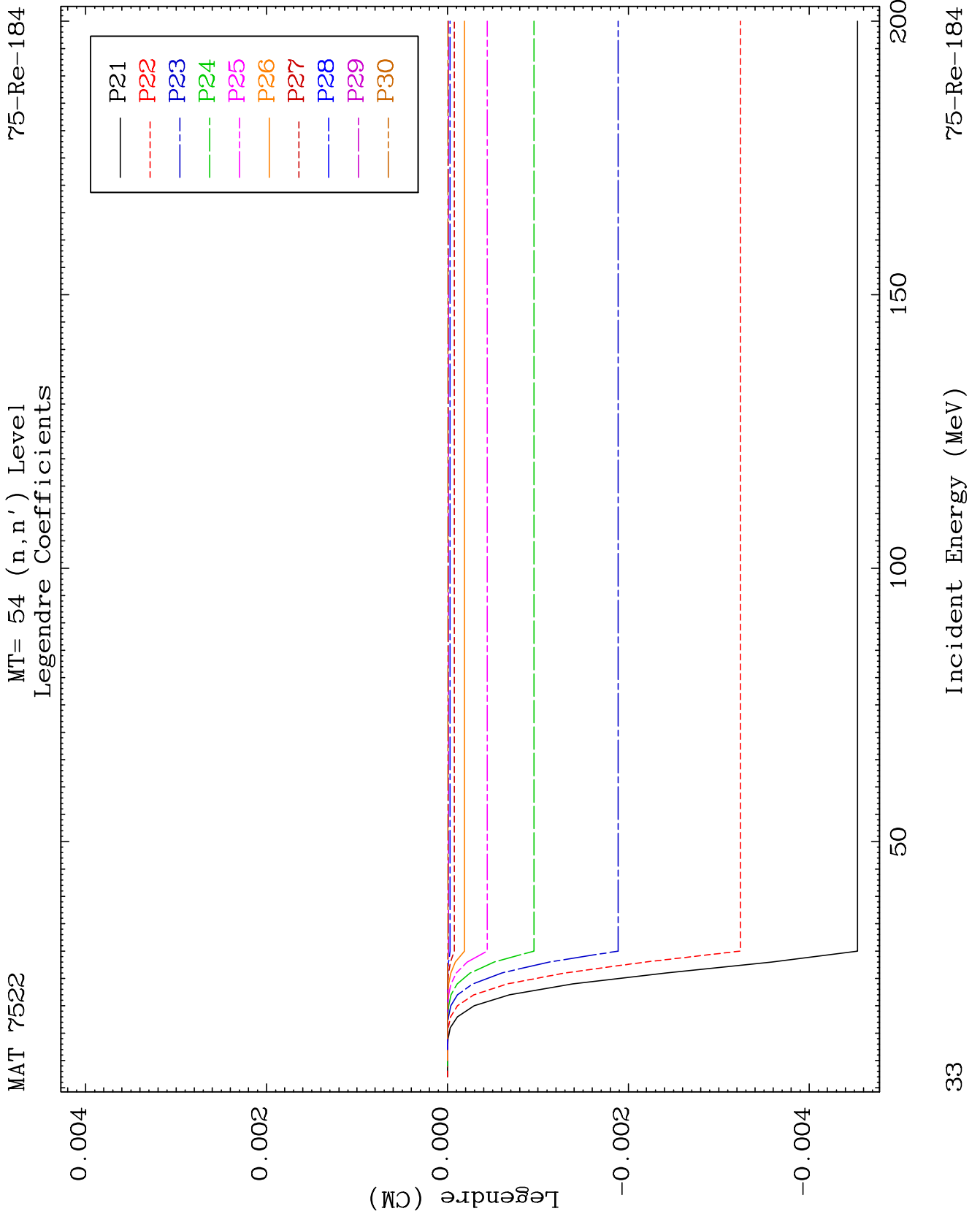
75-Re-184

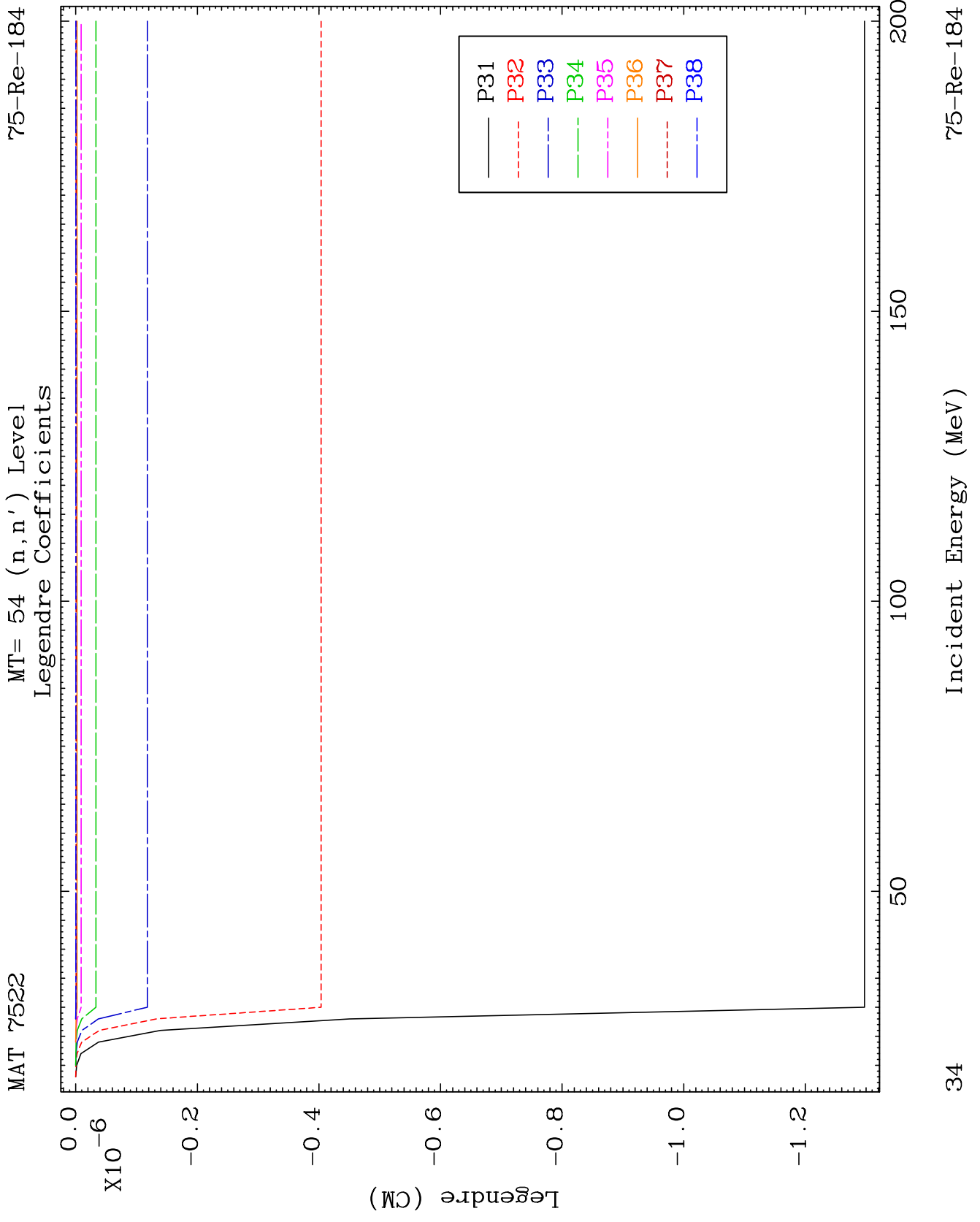


32

Incident Energy (MeV)

75-Re-184

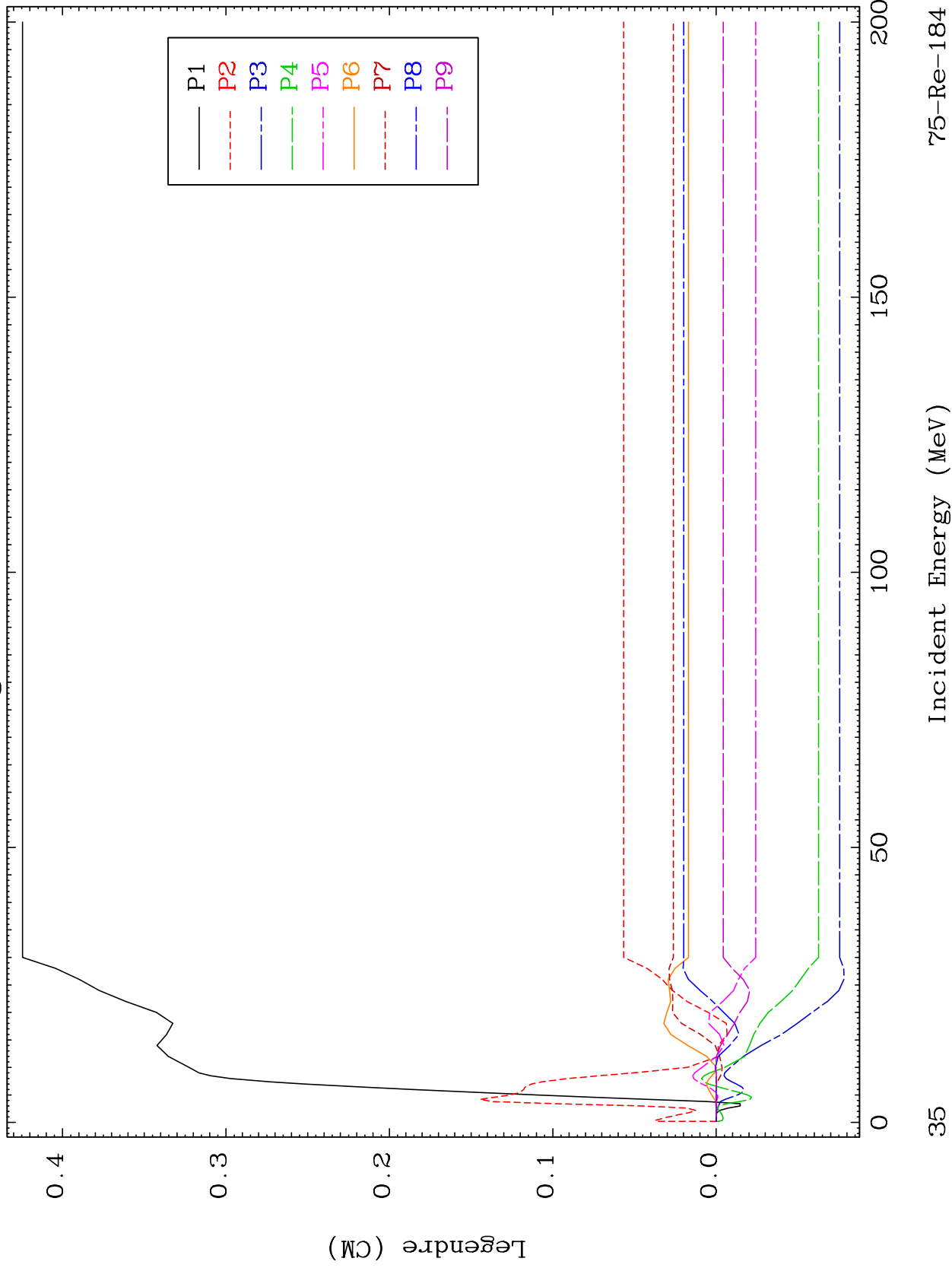




MAT 7522

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

75-Re-184



75-Re-184

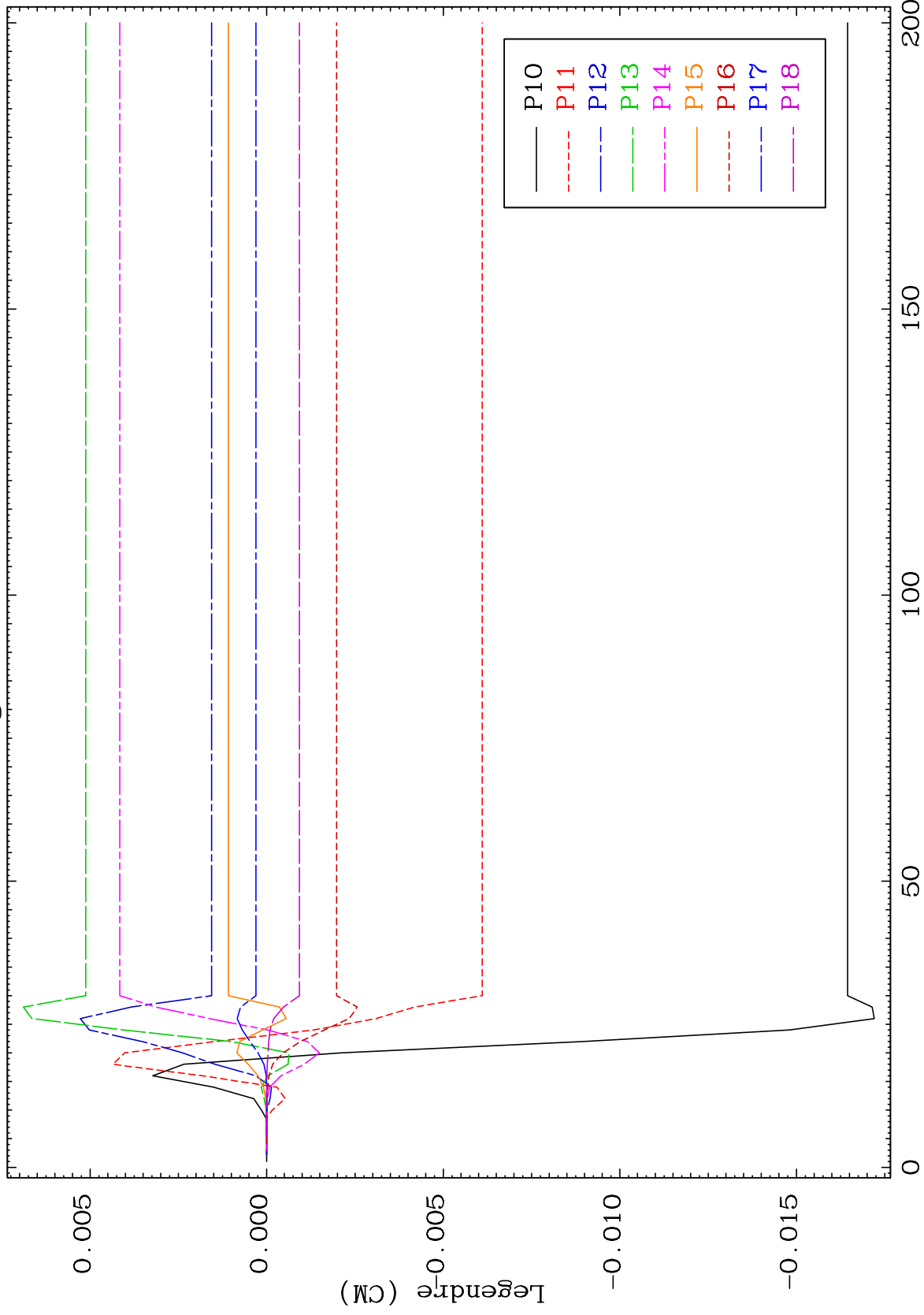
Incident Energy (MeV)

35

MAT 7522

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

75-Re-184



36

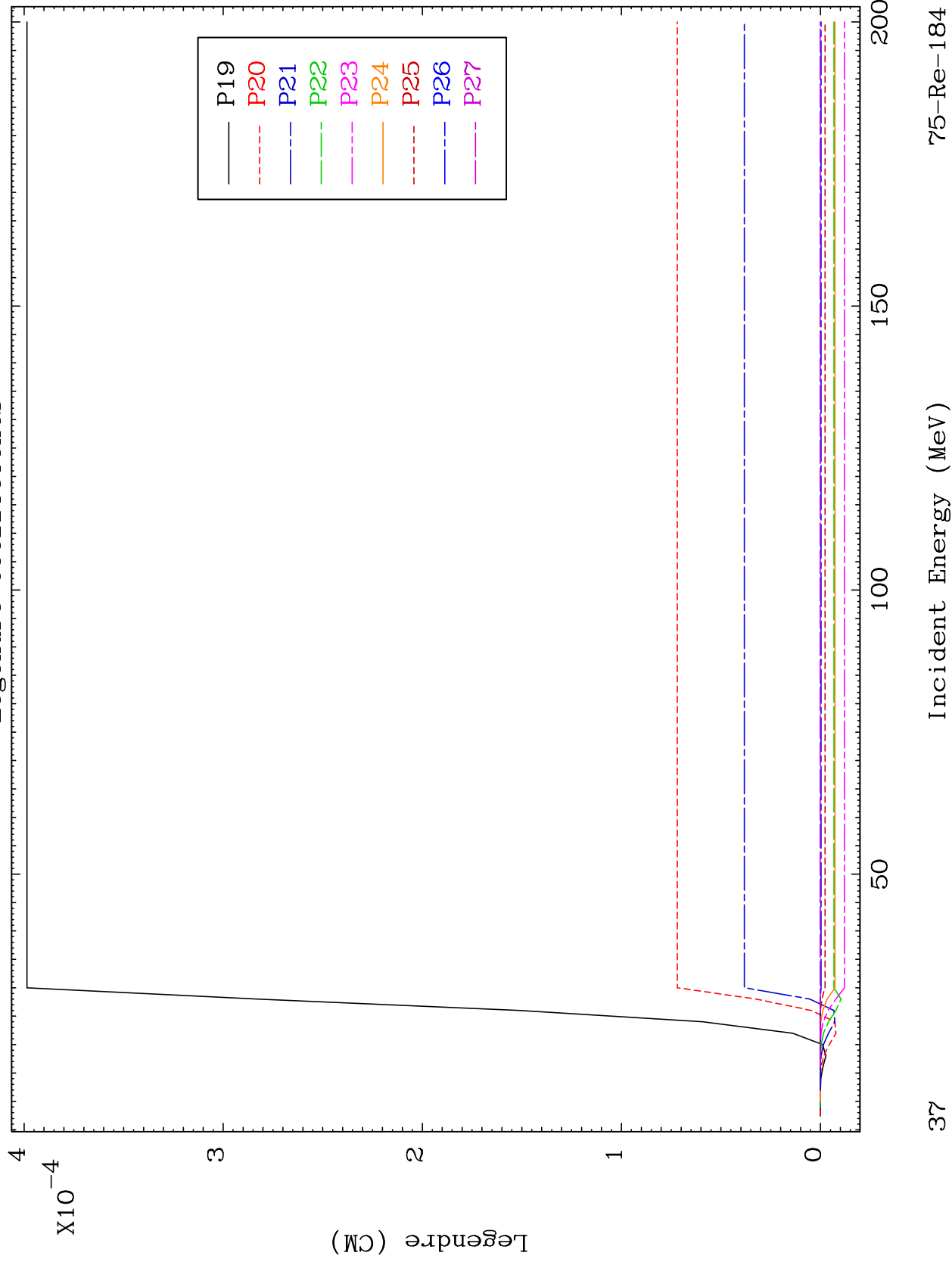
Incident Energy (MeV)

75-Re-184

MAT 7522

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

75-Re-184



37

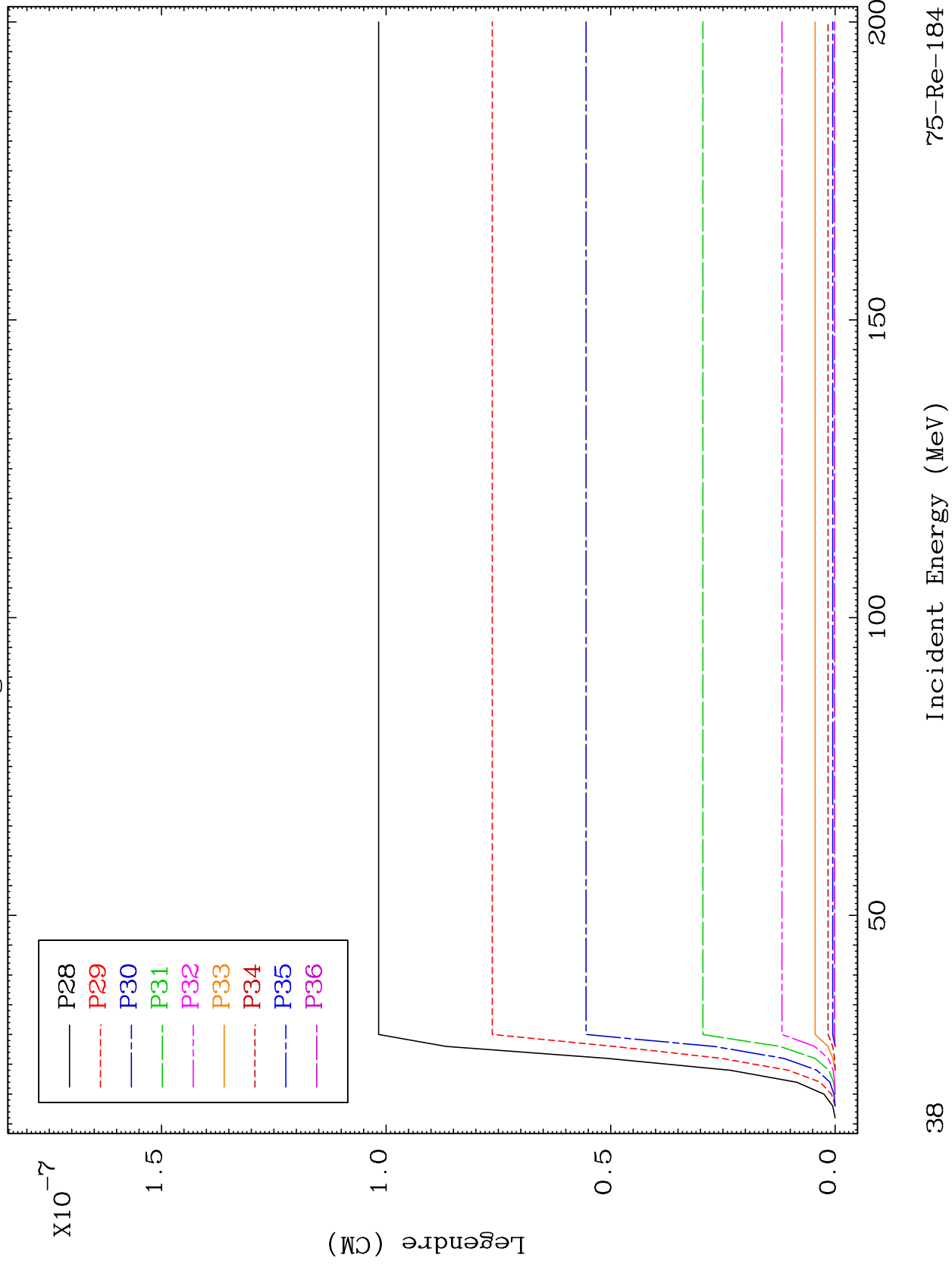
Incident Energy (MeV)

75-Re-184

MAT 7522

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

75-Re-184



38

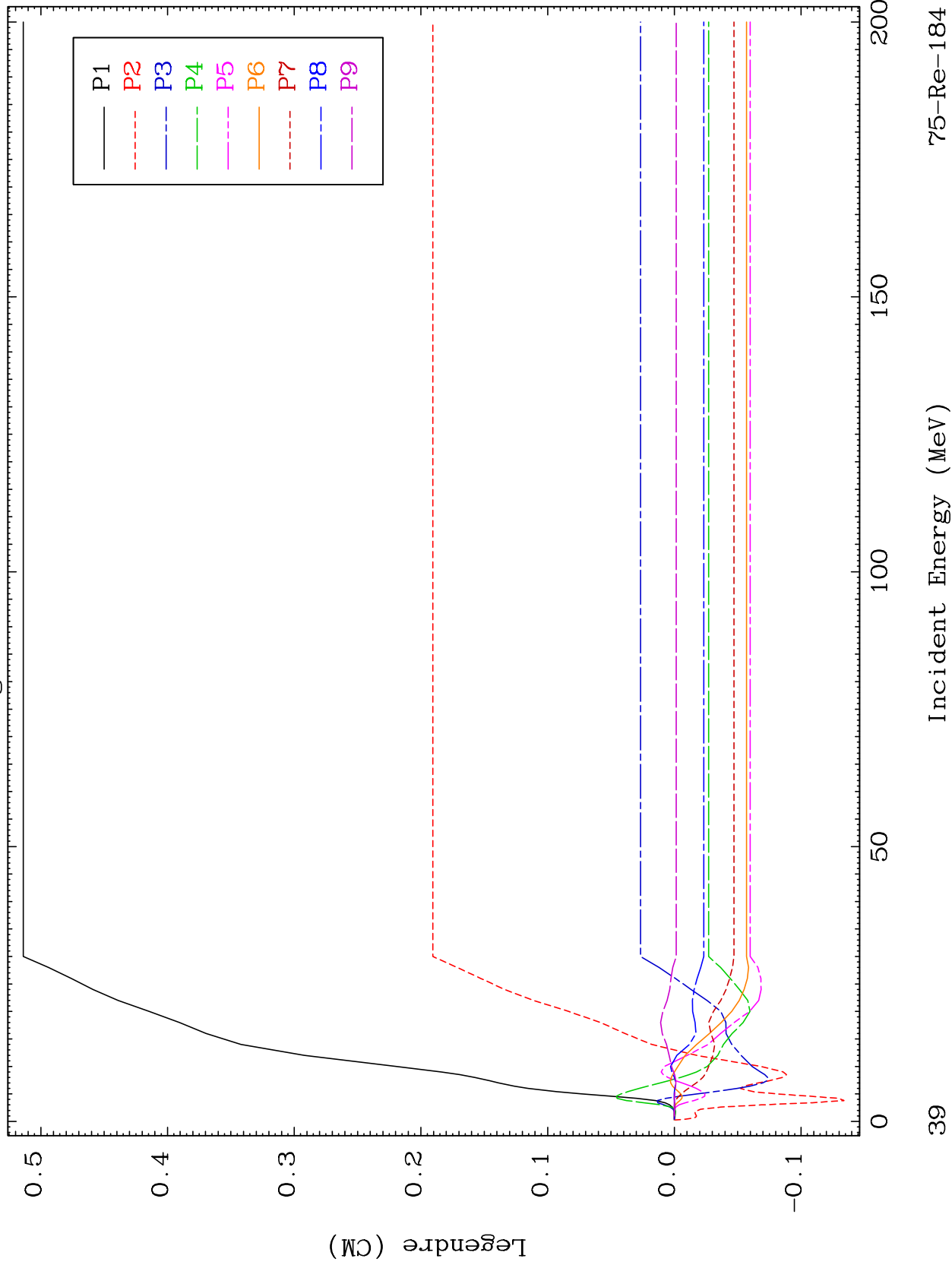
Incident Energy (MeV)

75-Re-184

MAT 7522

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

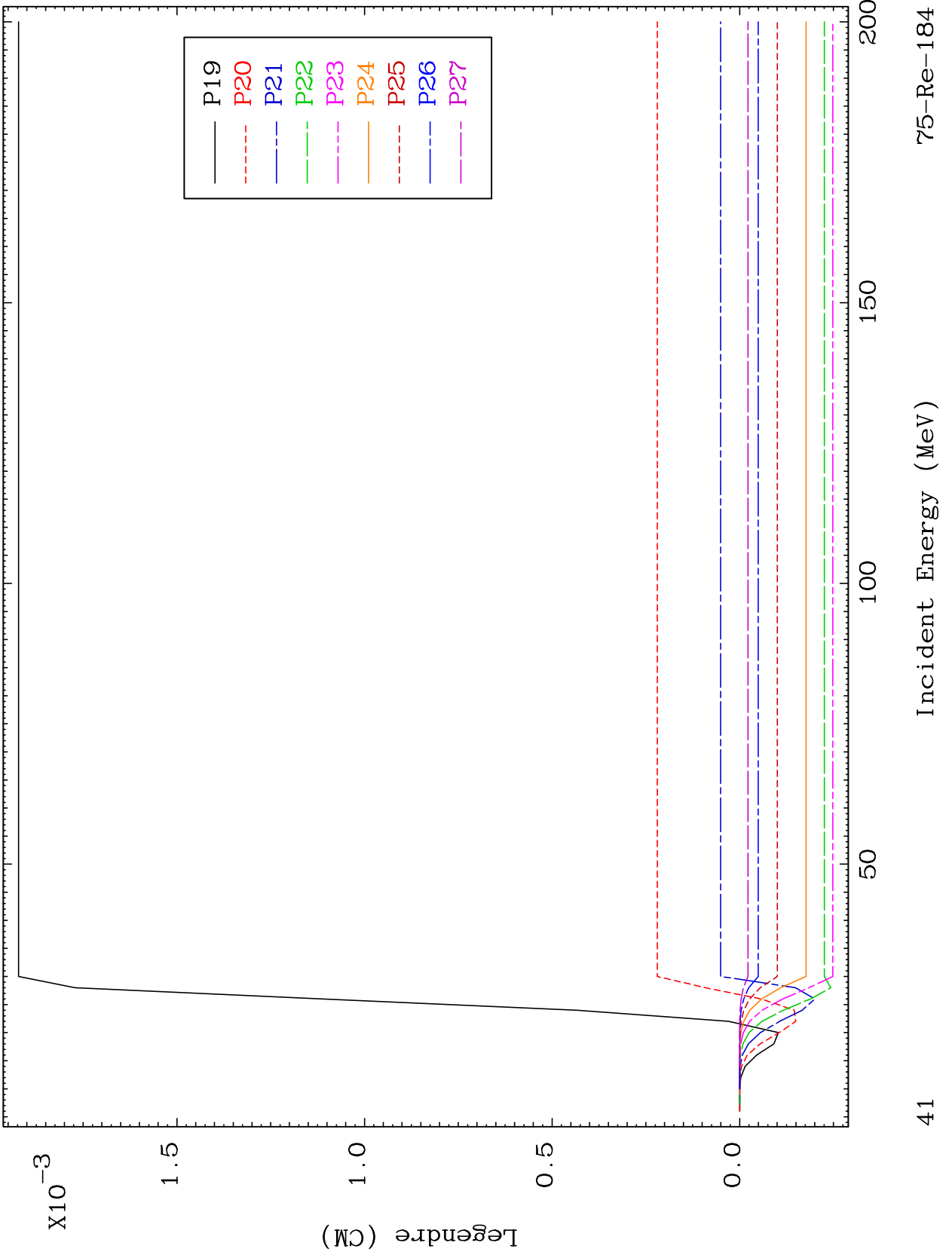
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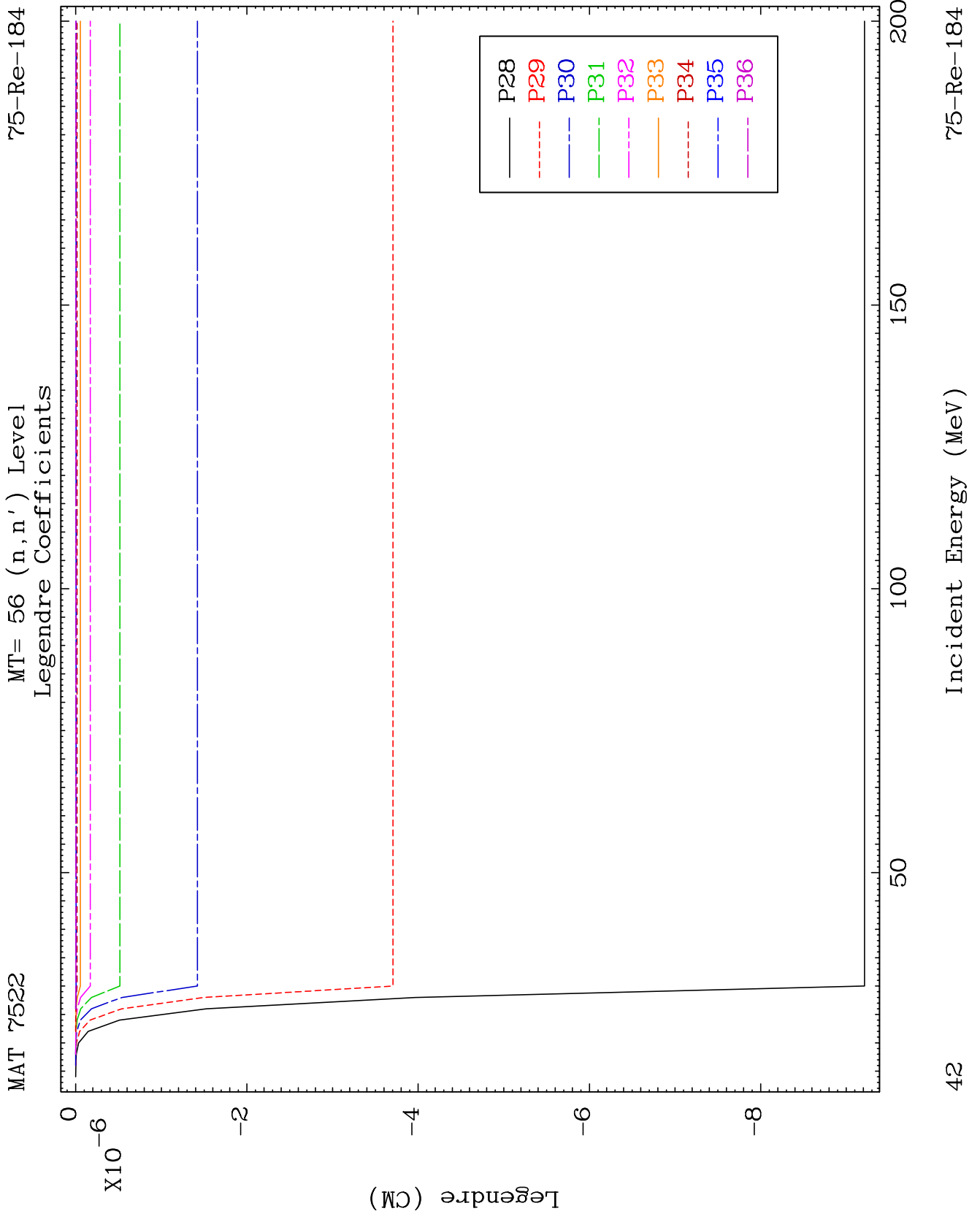


75-Re-184

Incident Energy (MeV)

39

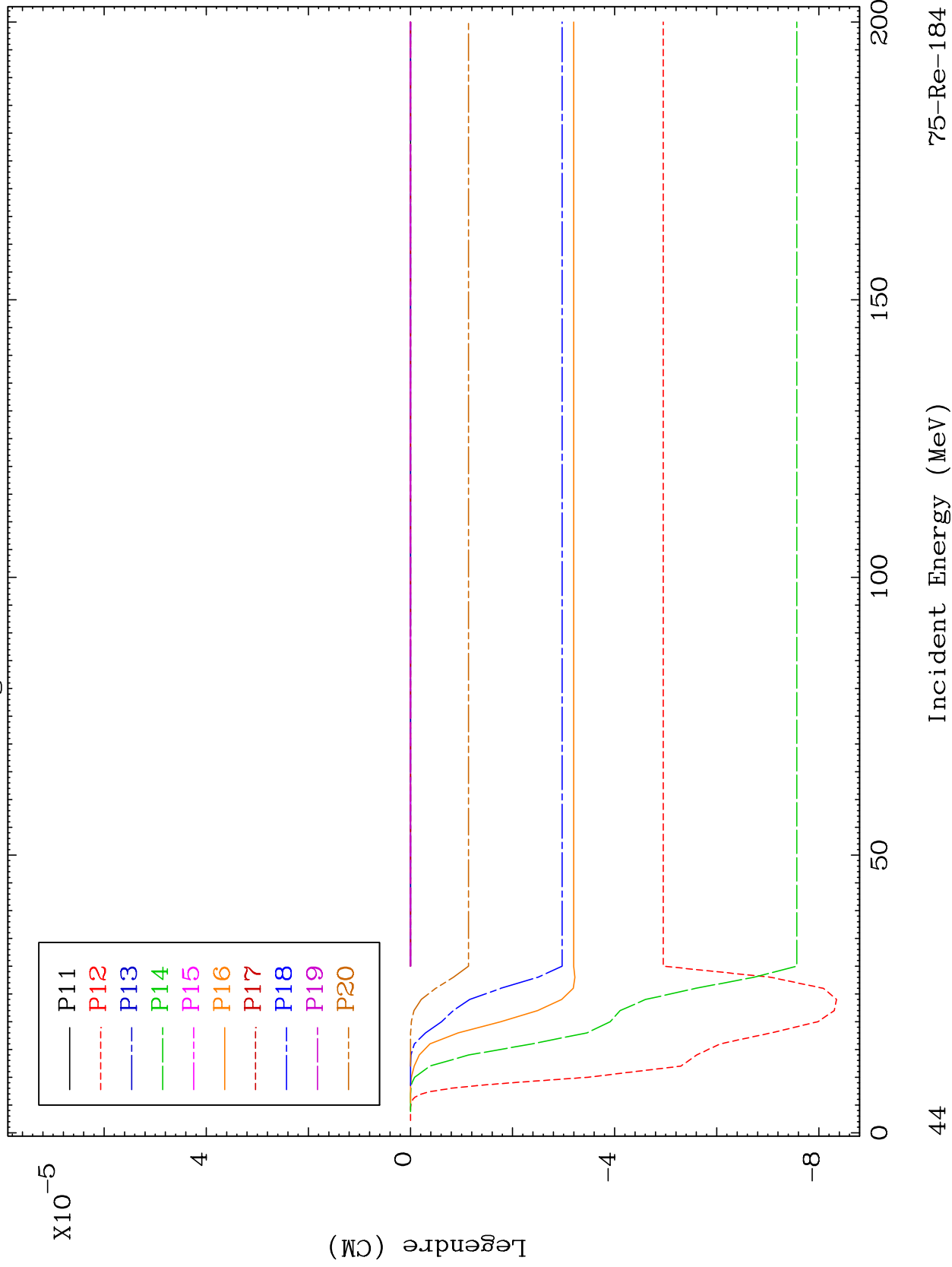


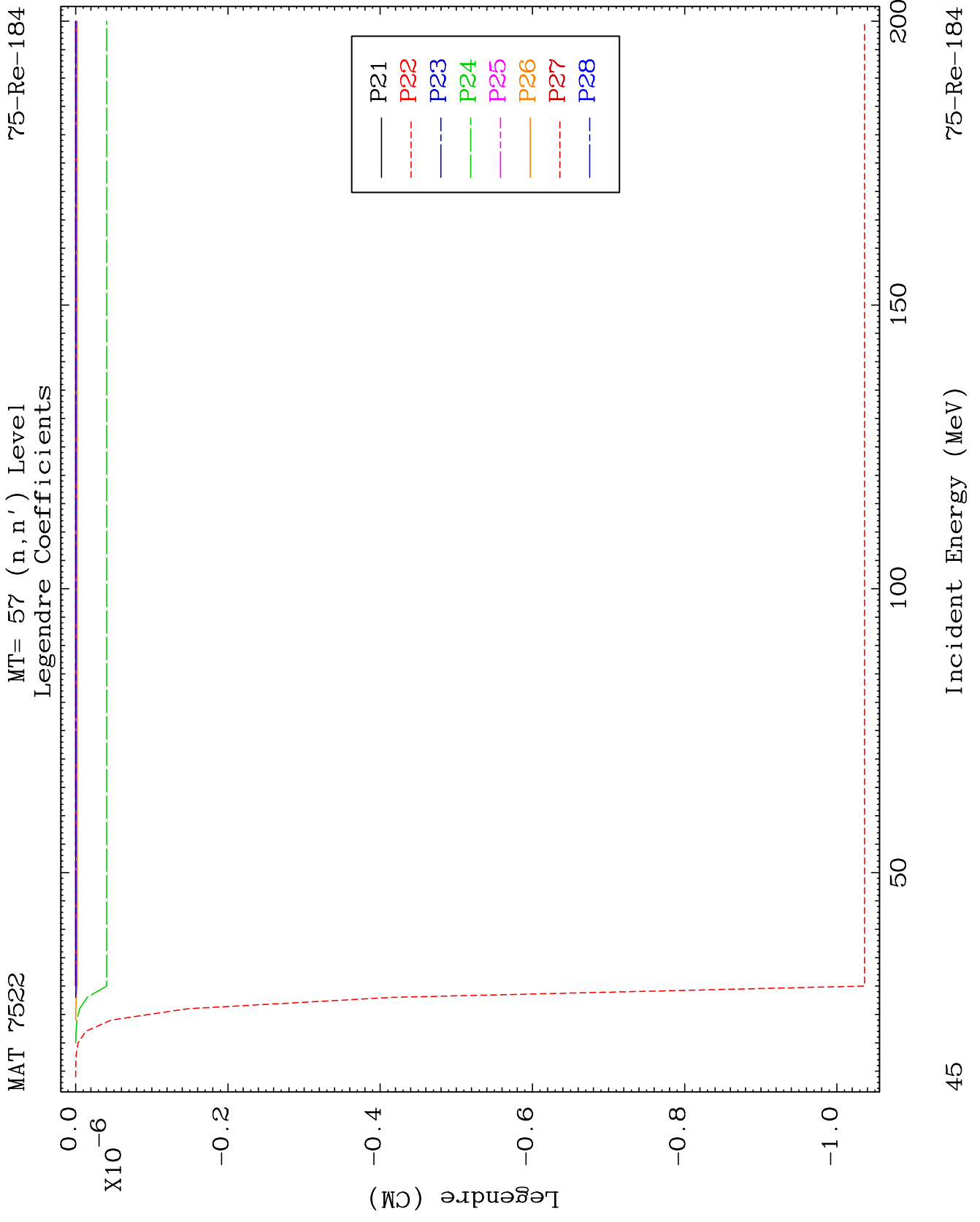


MAT 7522

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

75-Re-184

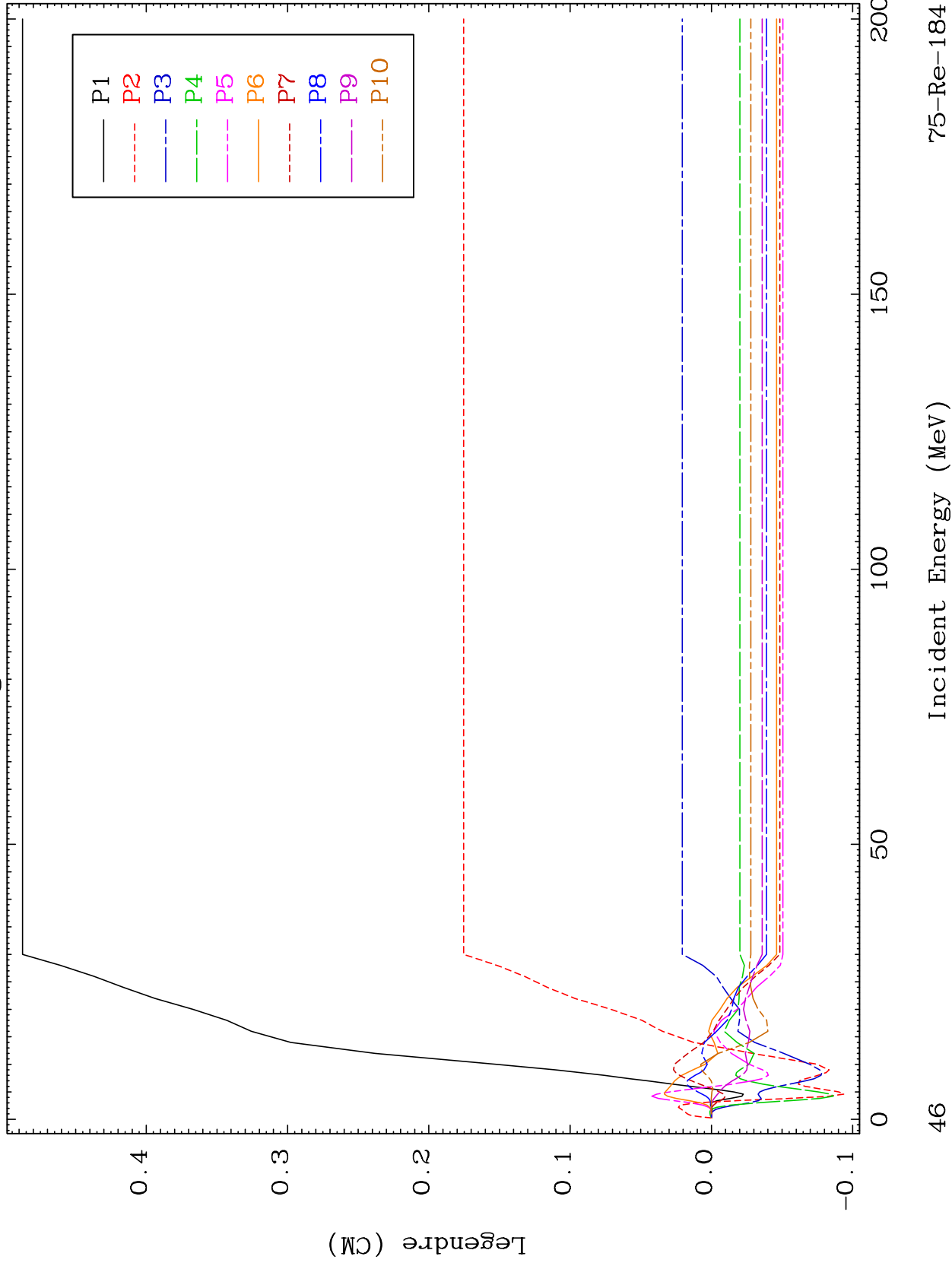




MAT 7522

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

75-Re-184



75-Re-184

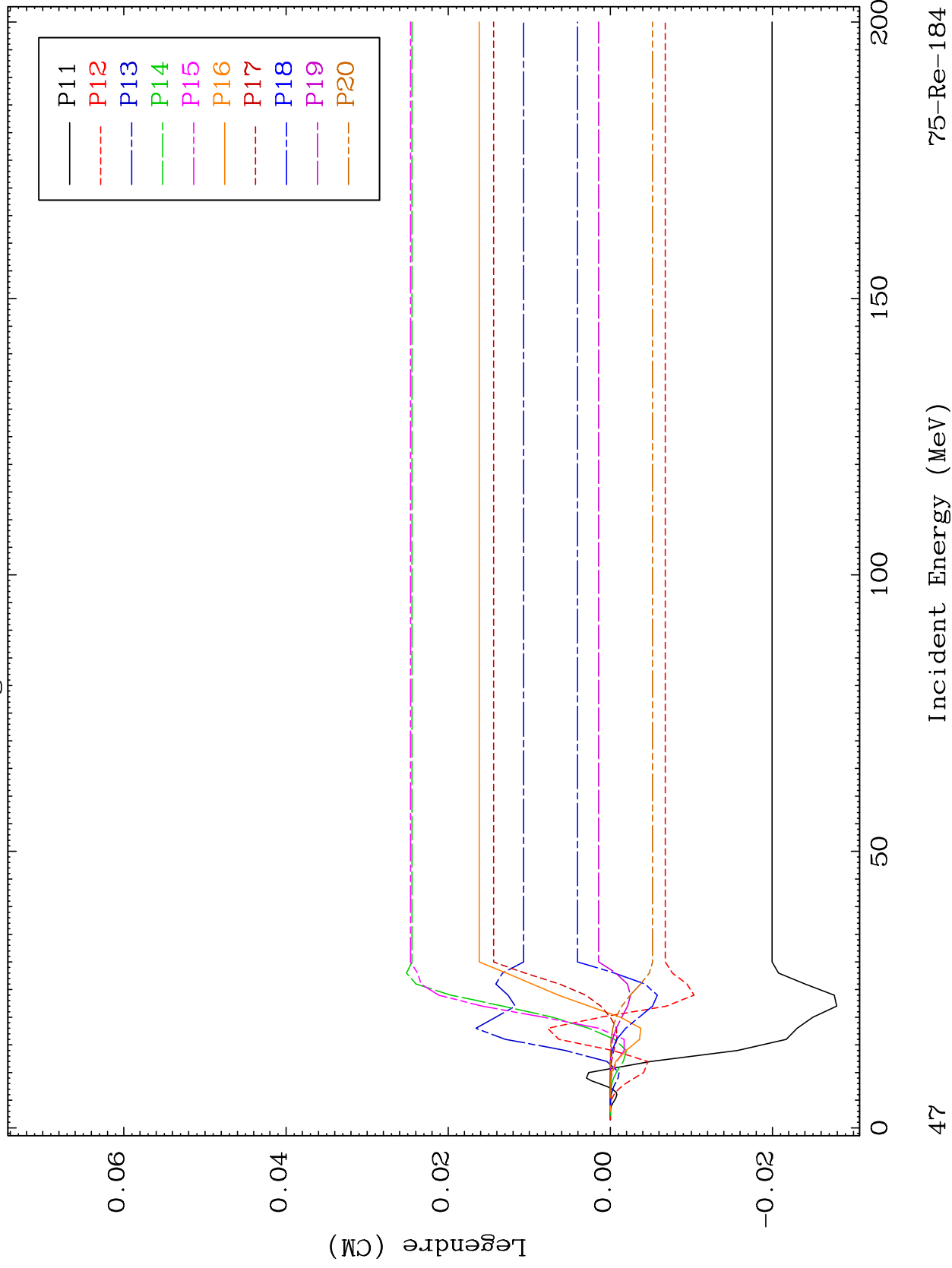
Incident Energy (MeV)

46

MAT 7522

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

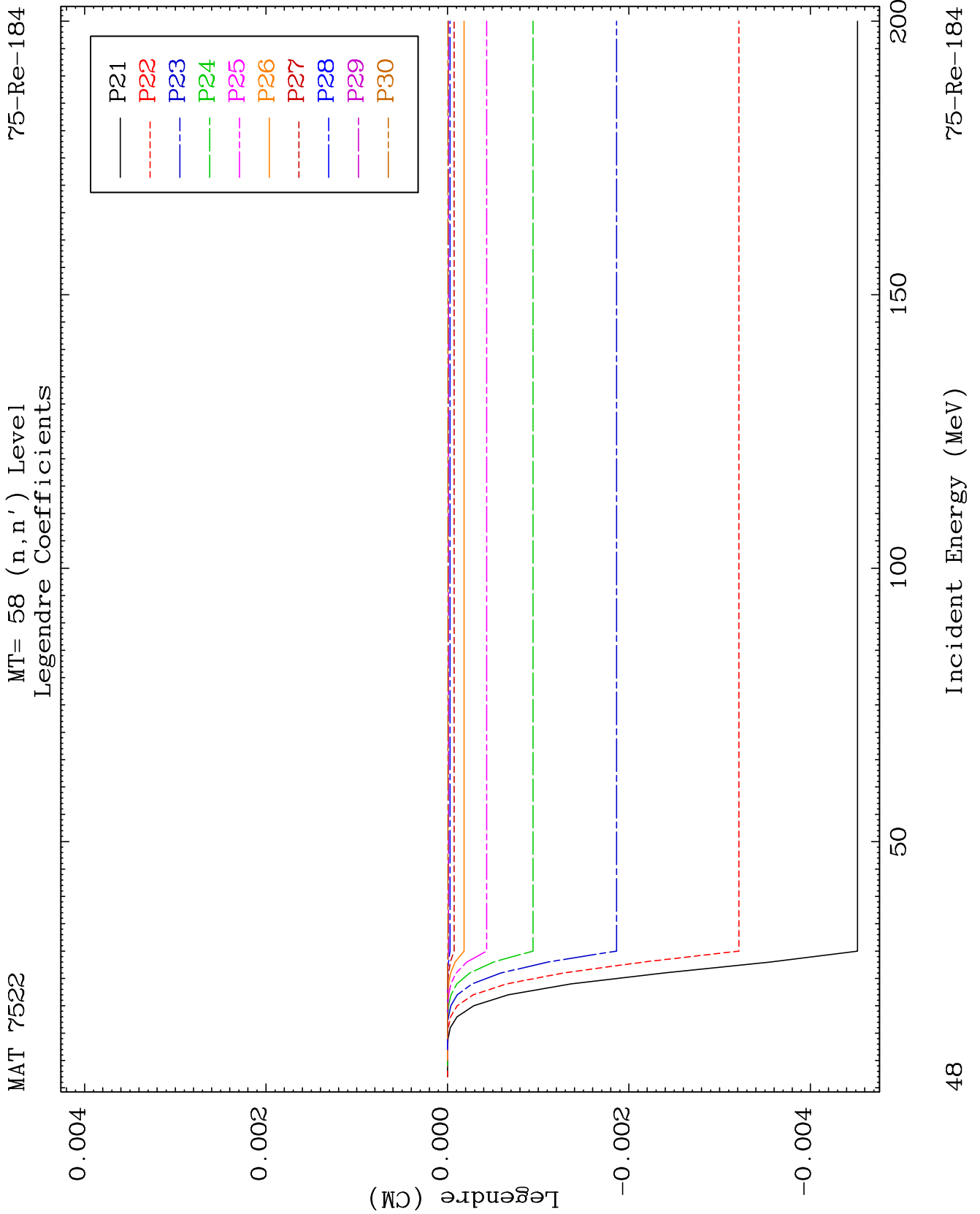
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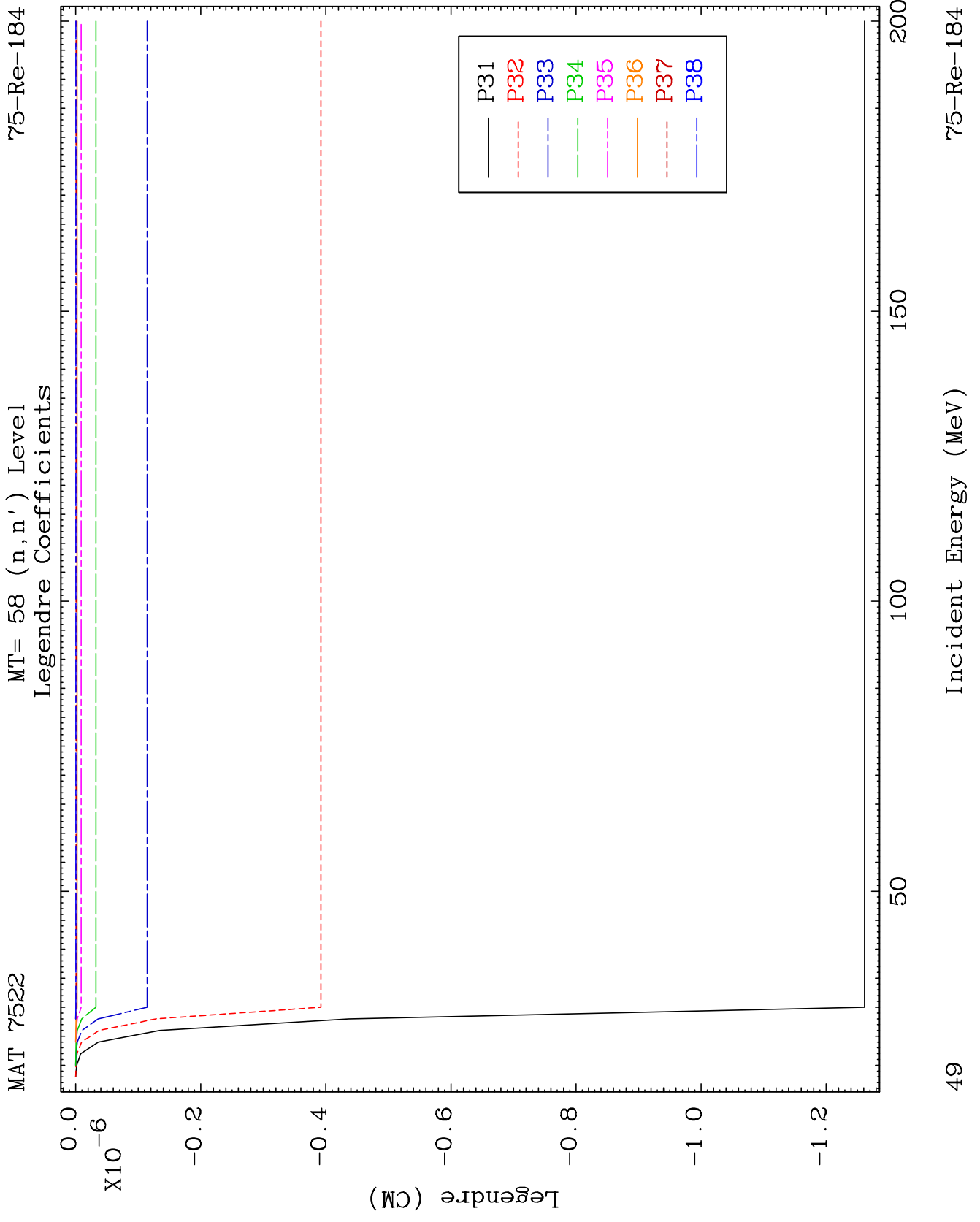


47

Incident Energy (MeV)

75-Re-184

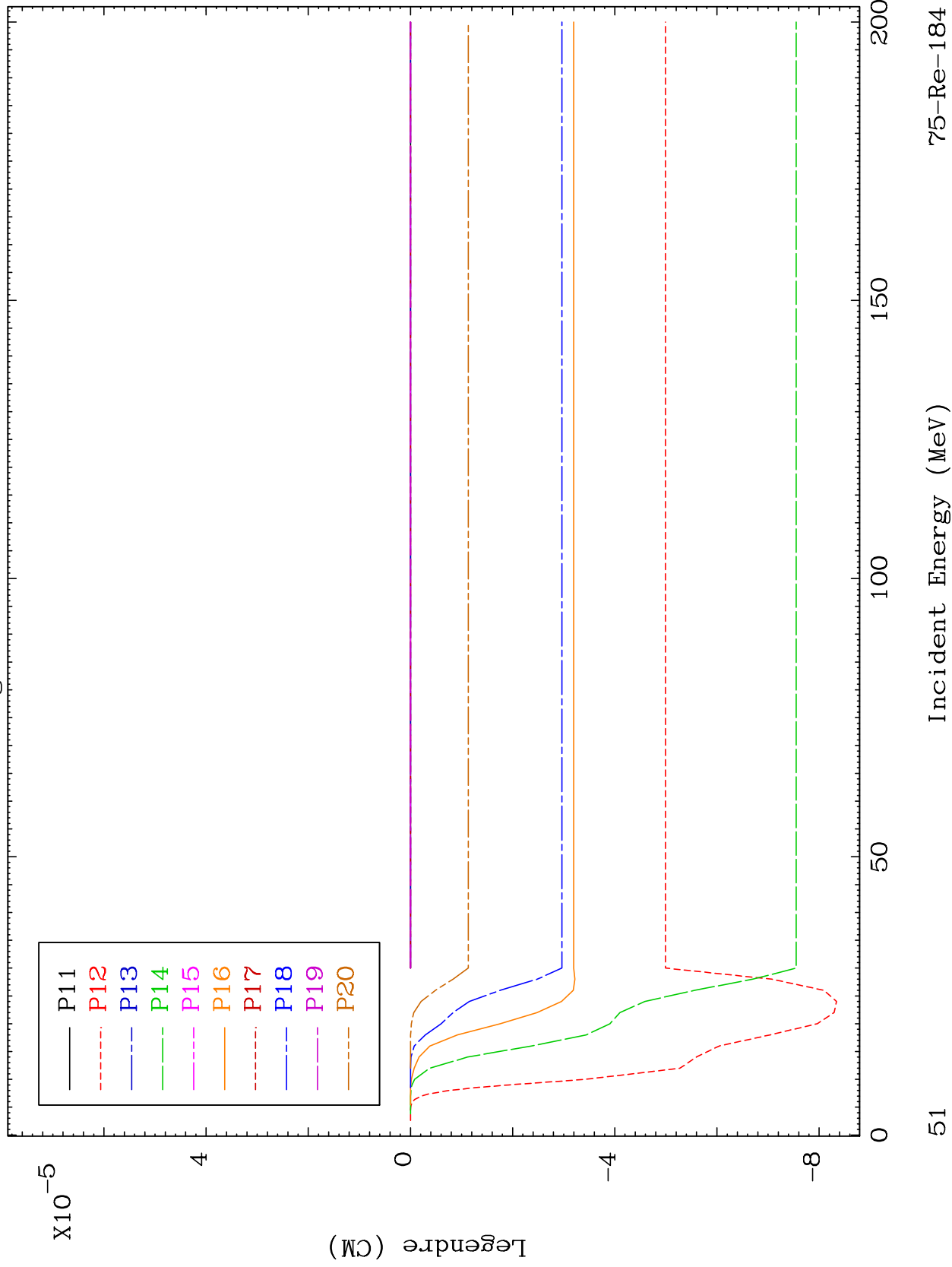




MAT 7522

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

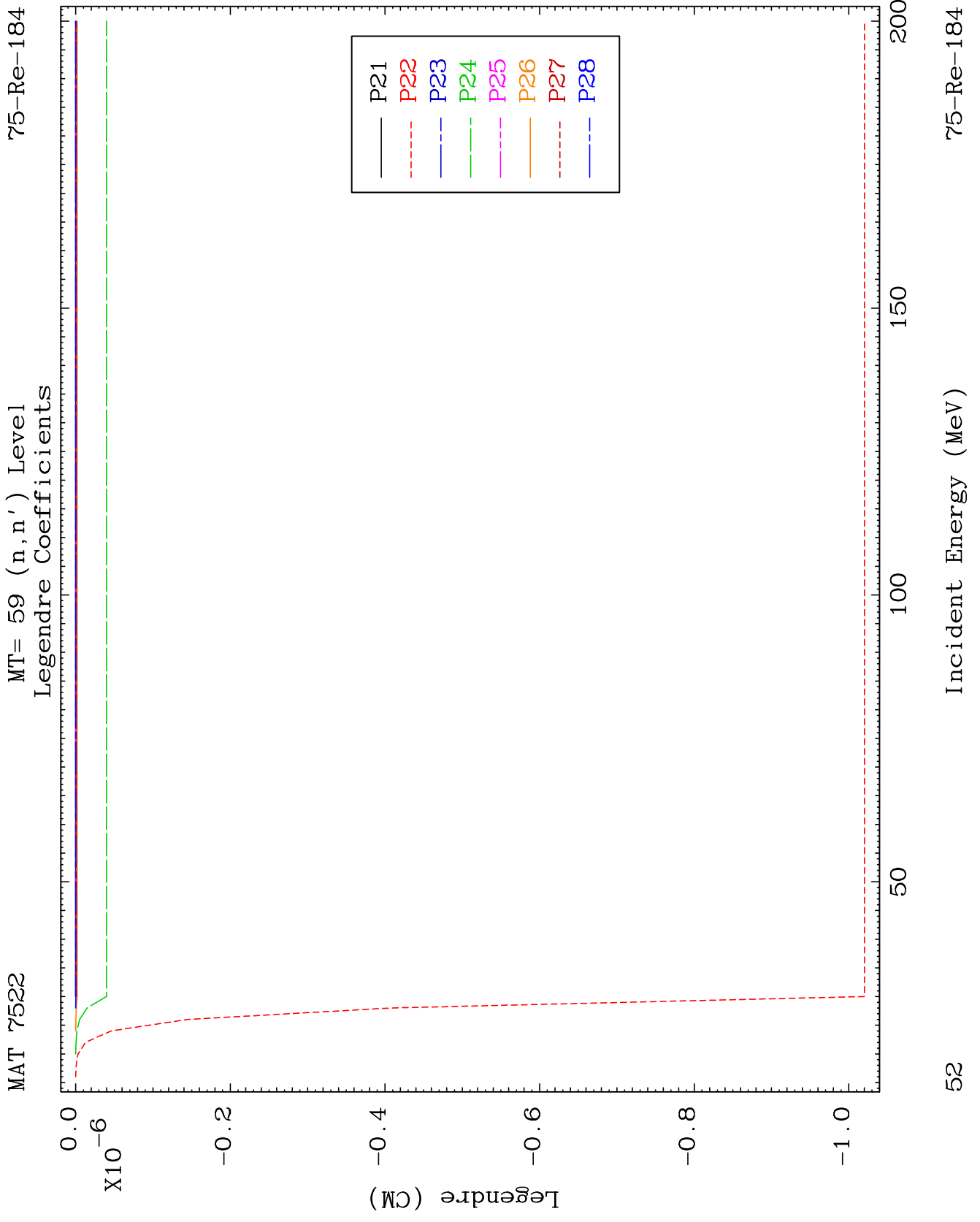
75-Re-184



51

Incident Energy (MeV)

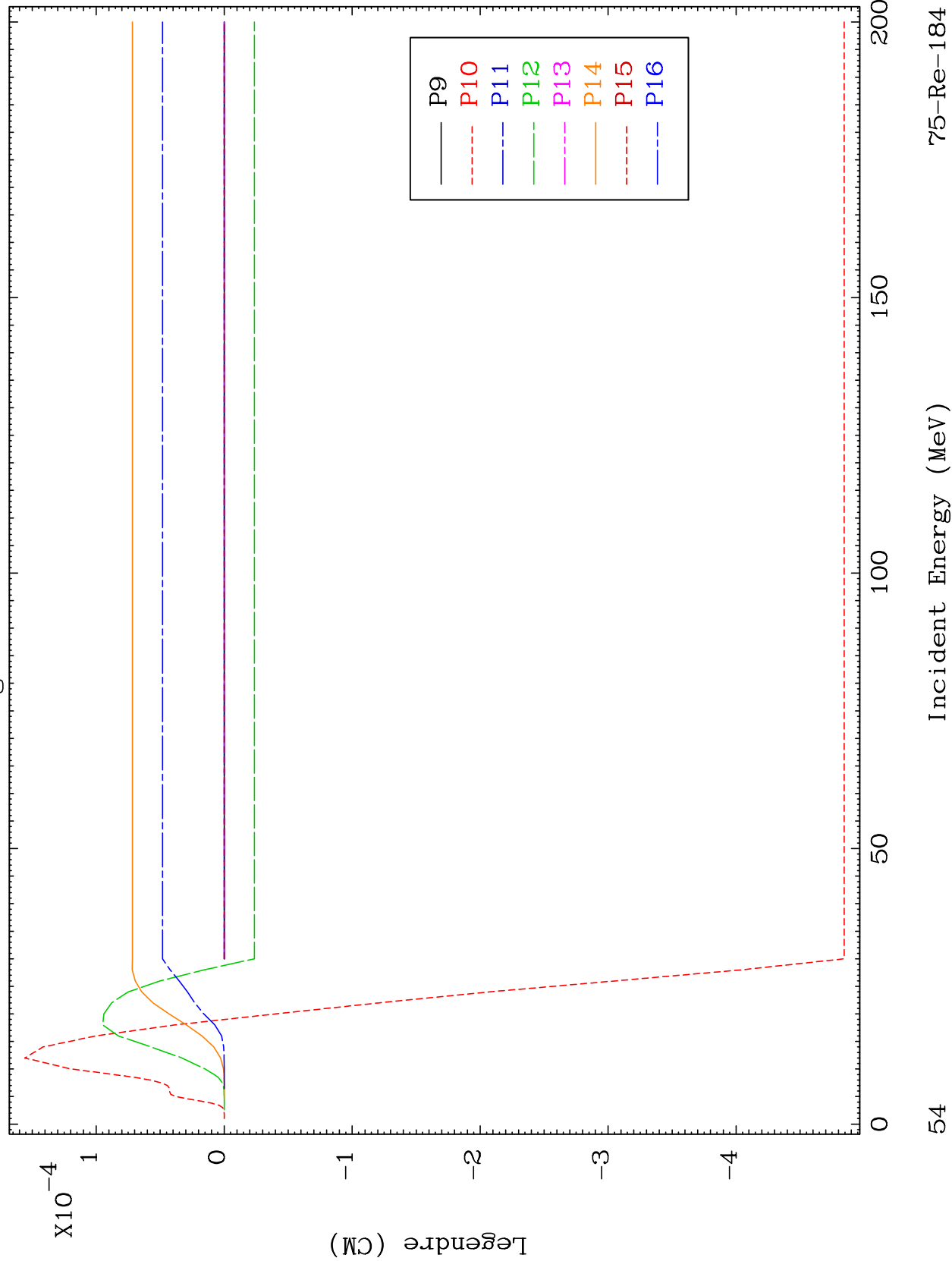
75-Re-184



MAT 7522

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

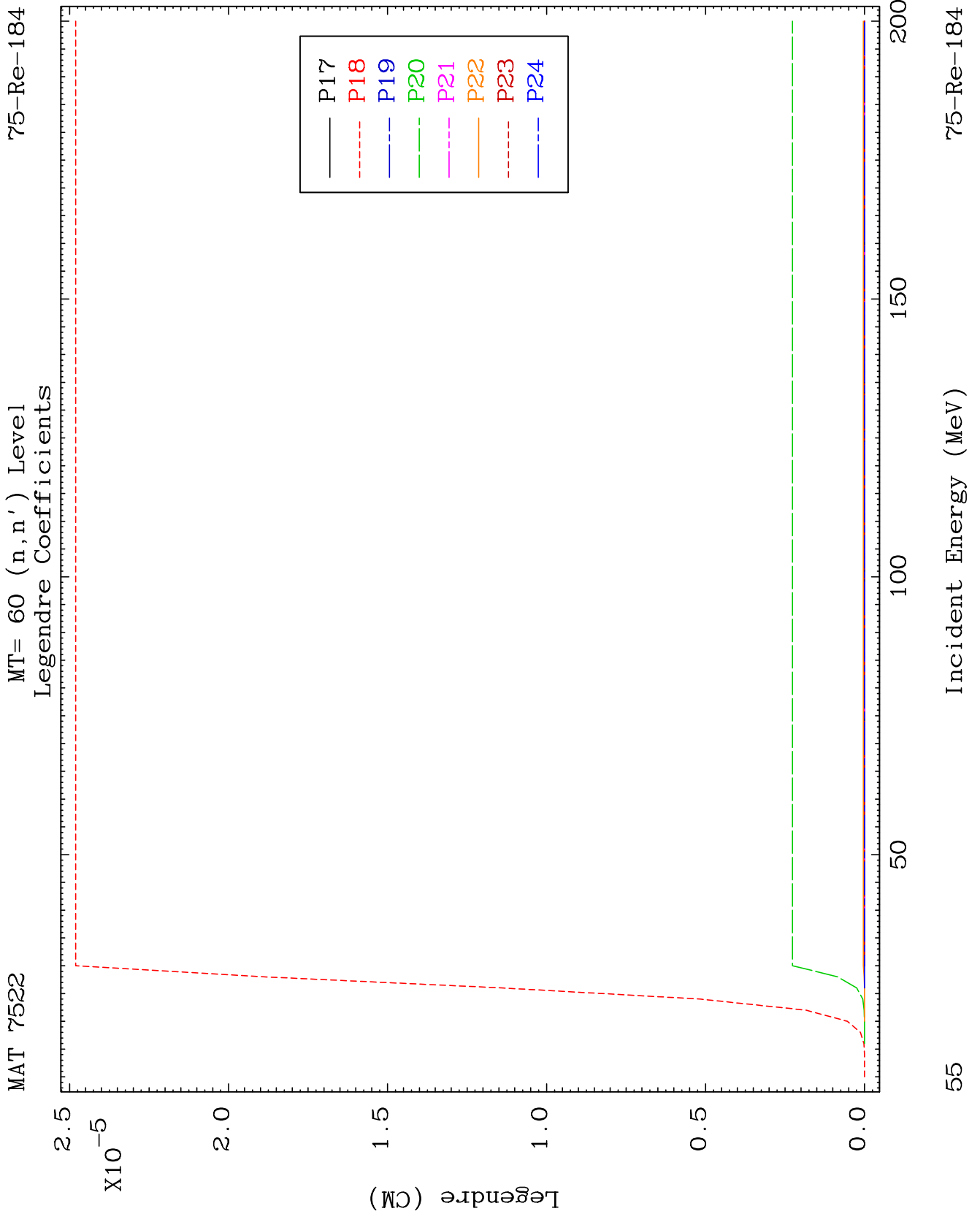
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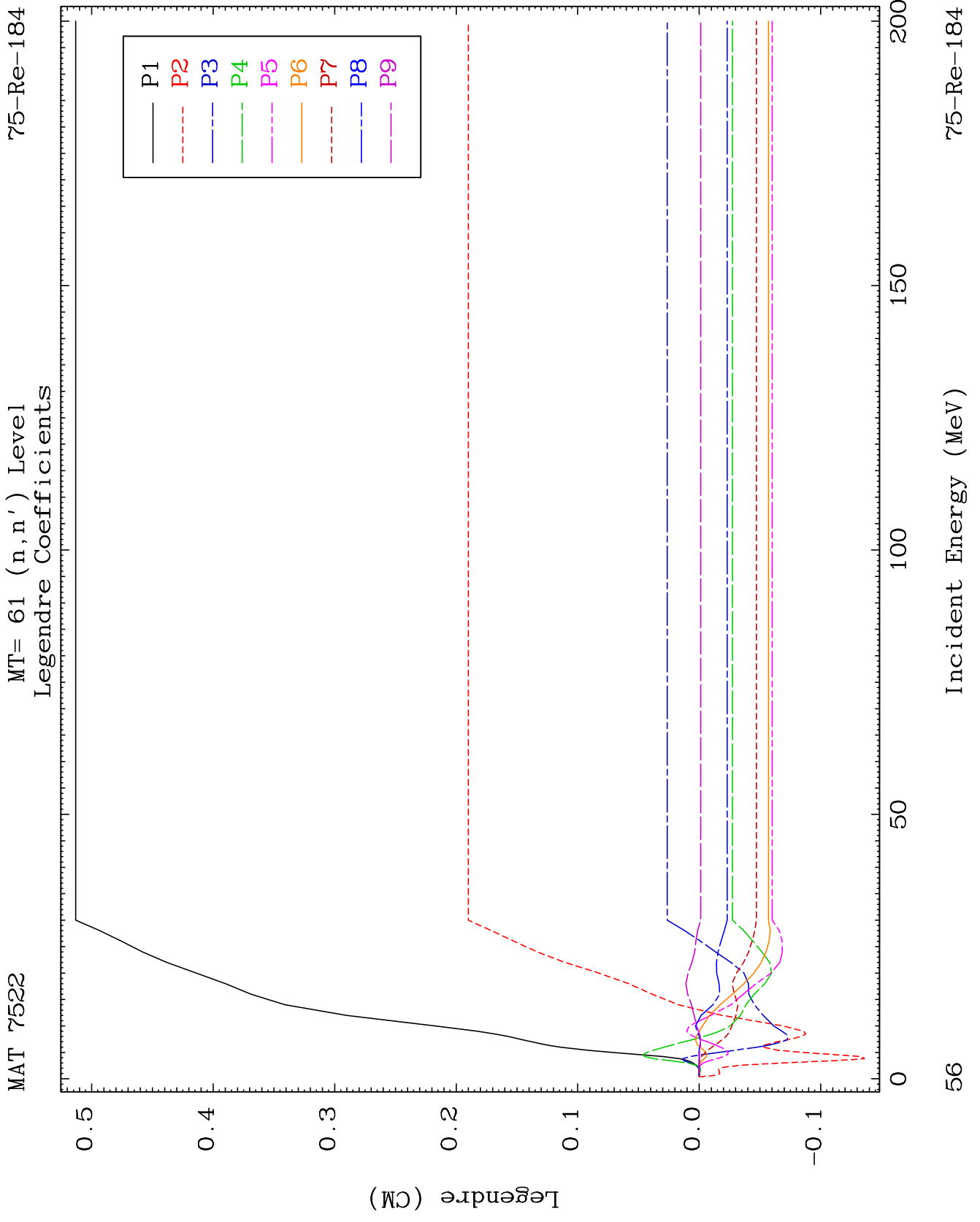


54

Incident Energy (MeV)

75-Re-184

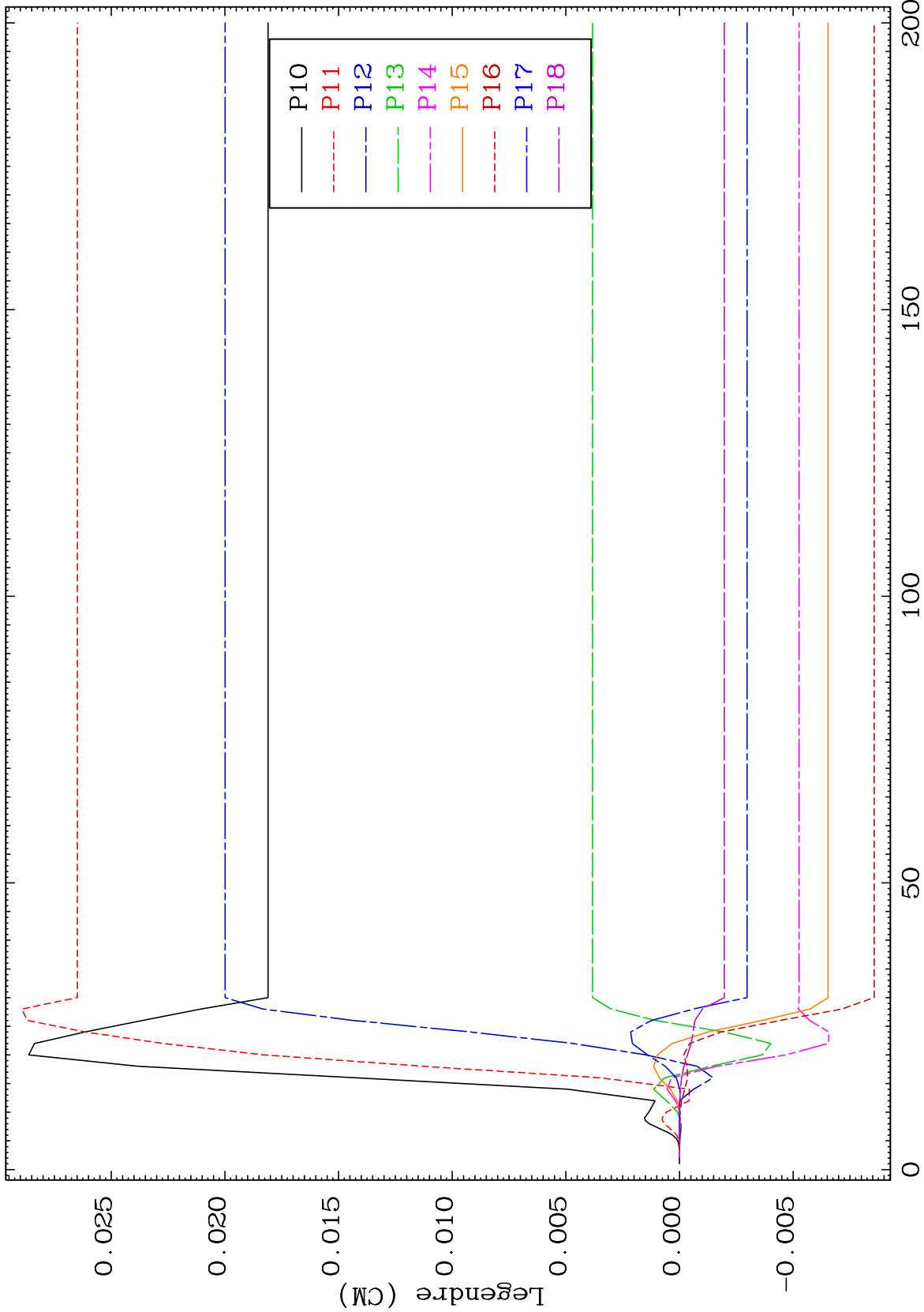




MAT 7522

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

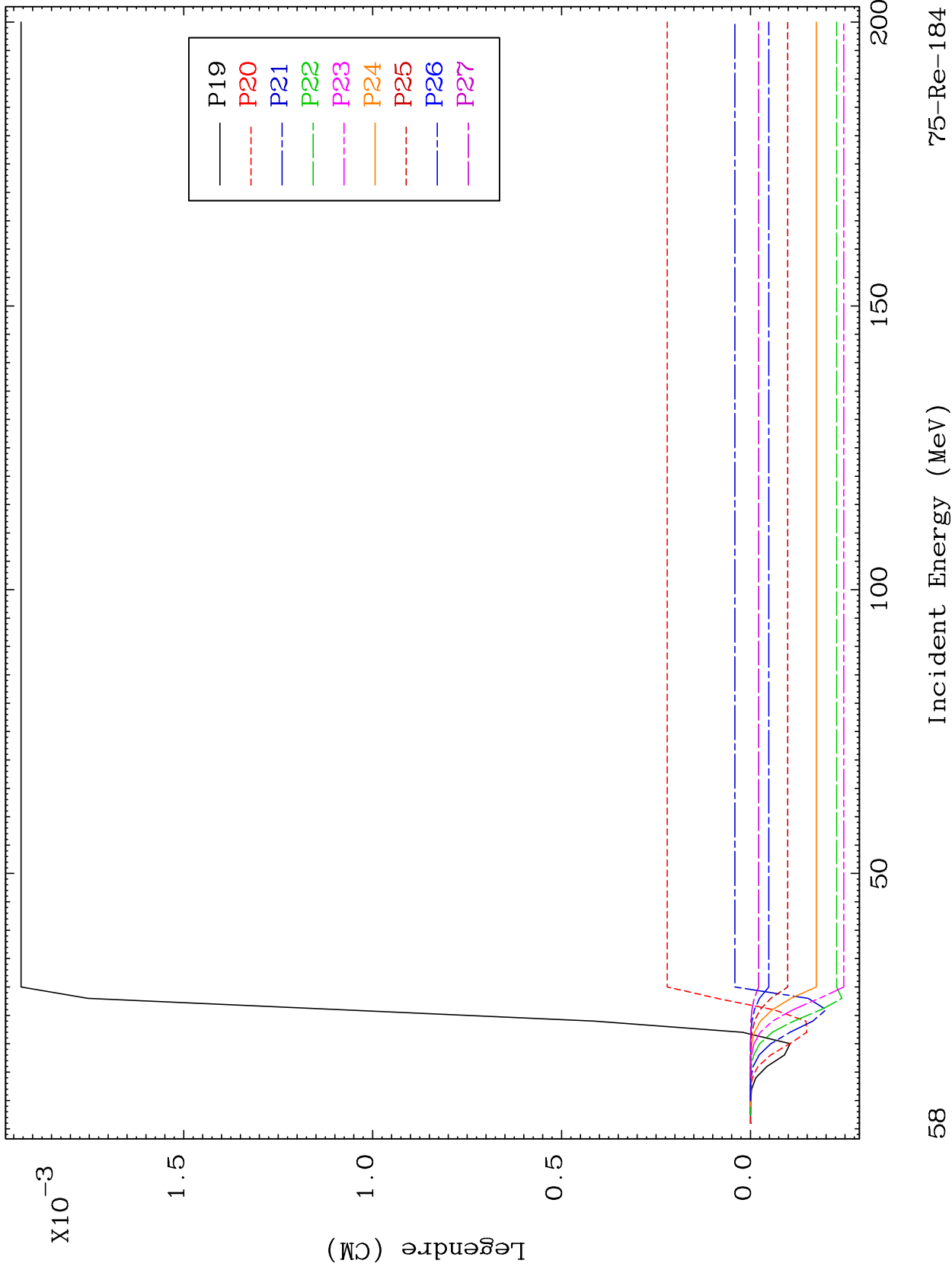
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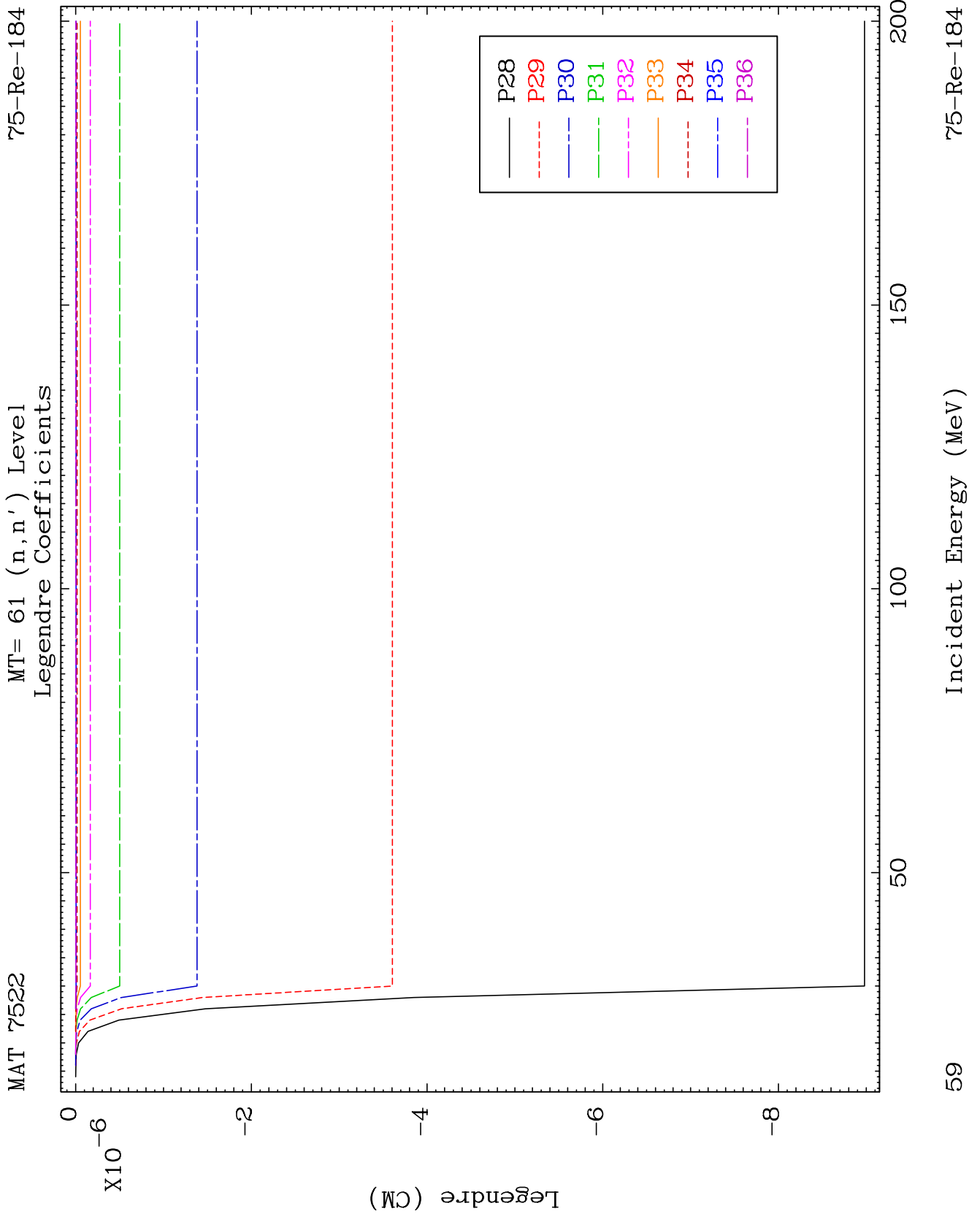


57

Incident Energy (MeV)

75-Re-184

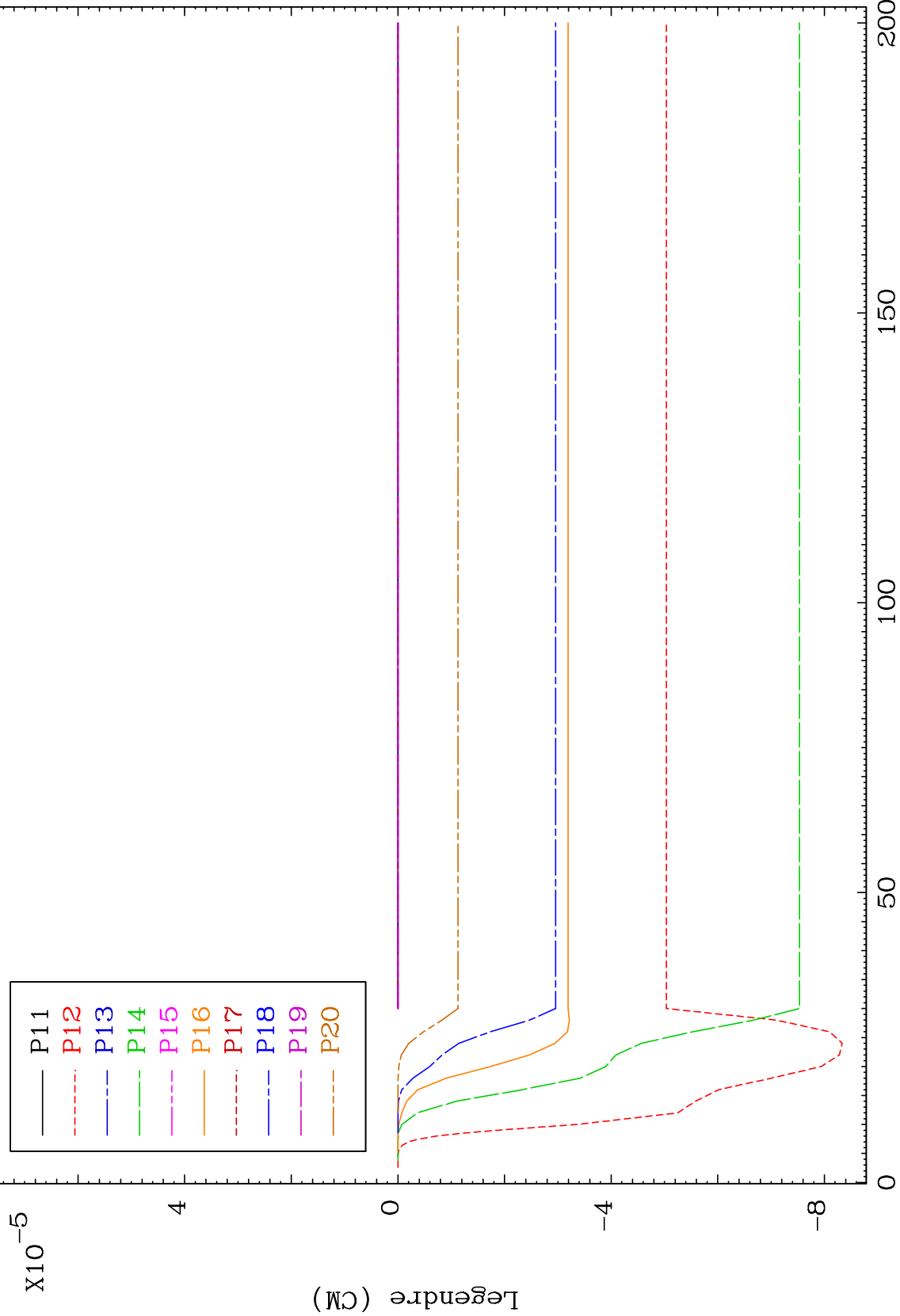
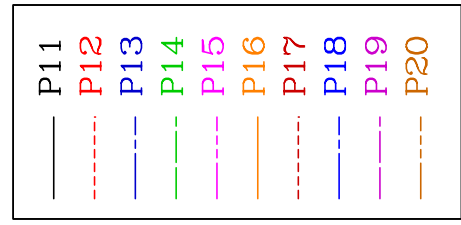




MAT 7522

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

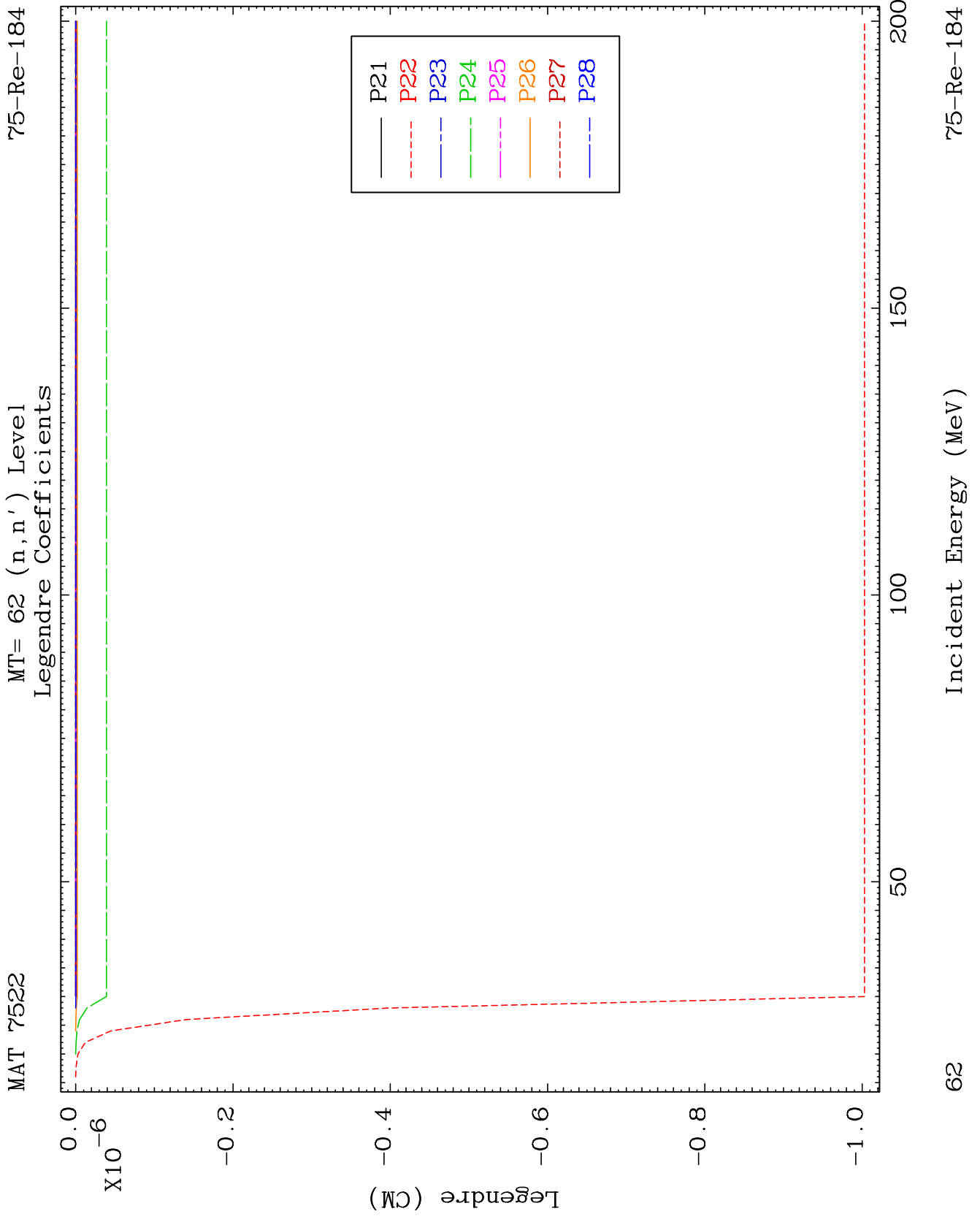
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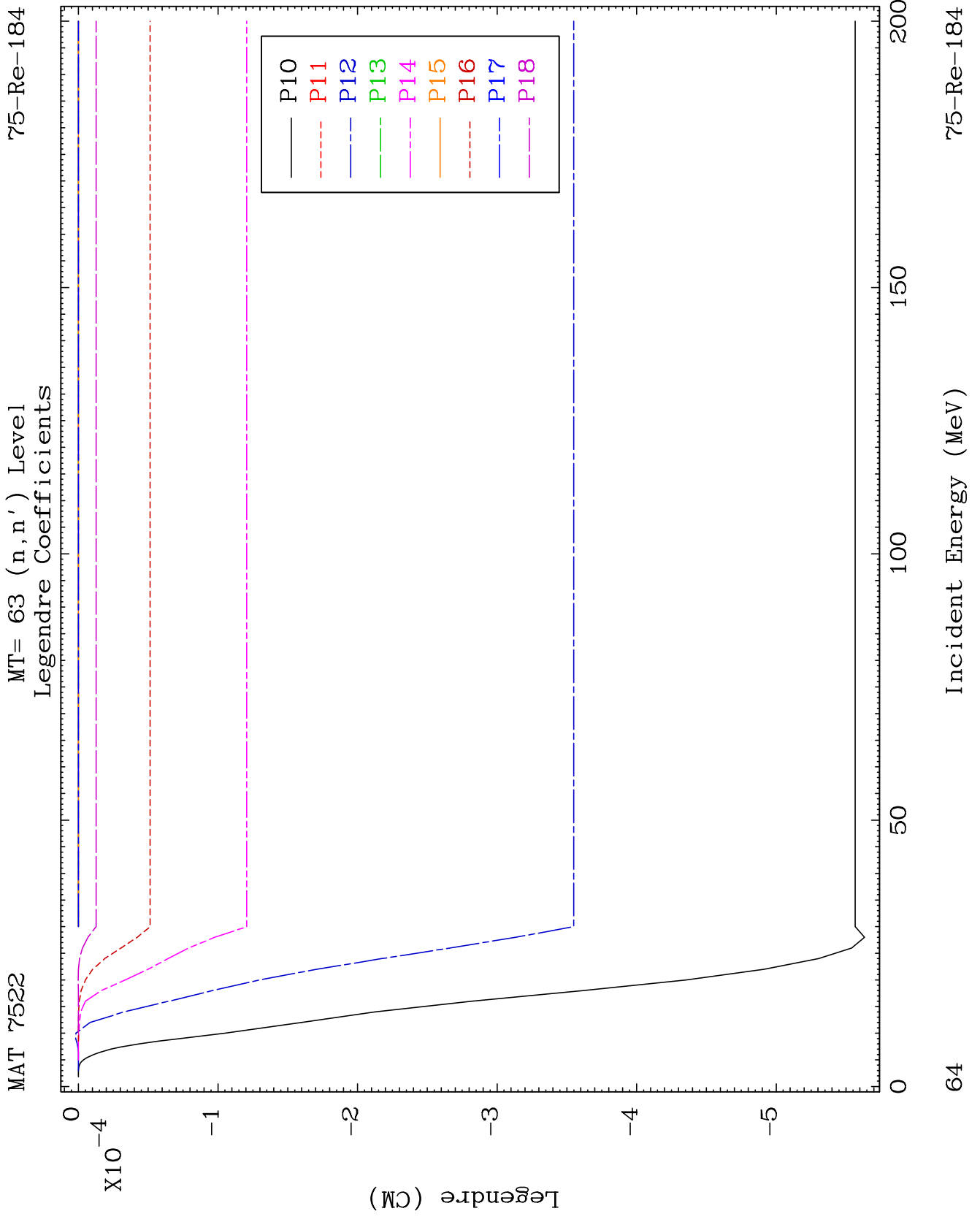


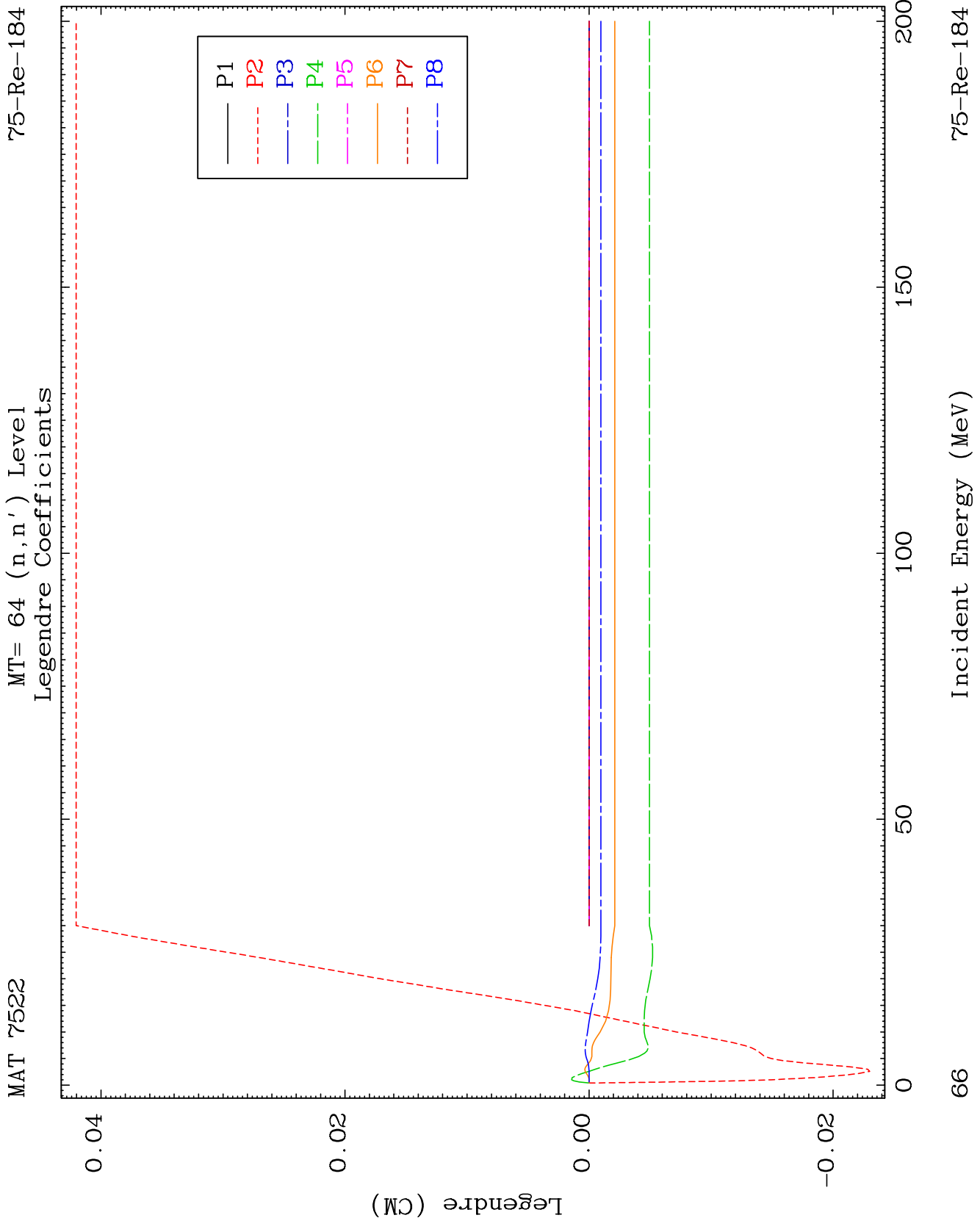
61

Incident Energy (MeV)

75-Re-184



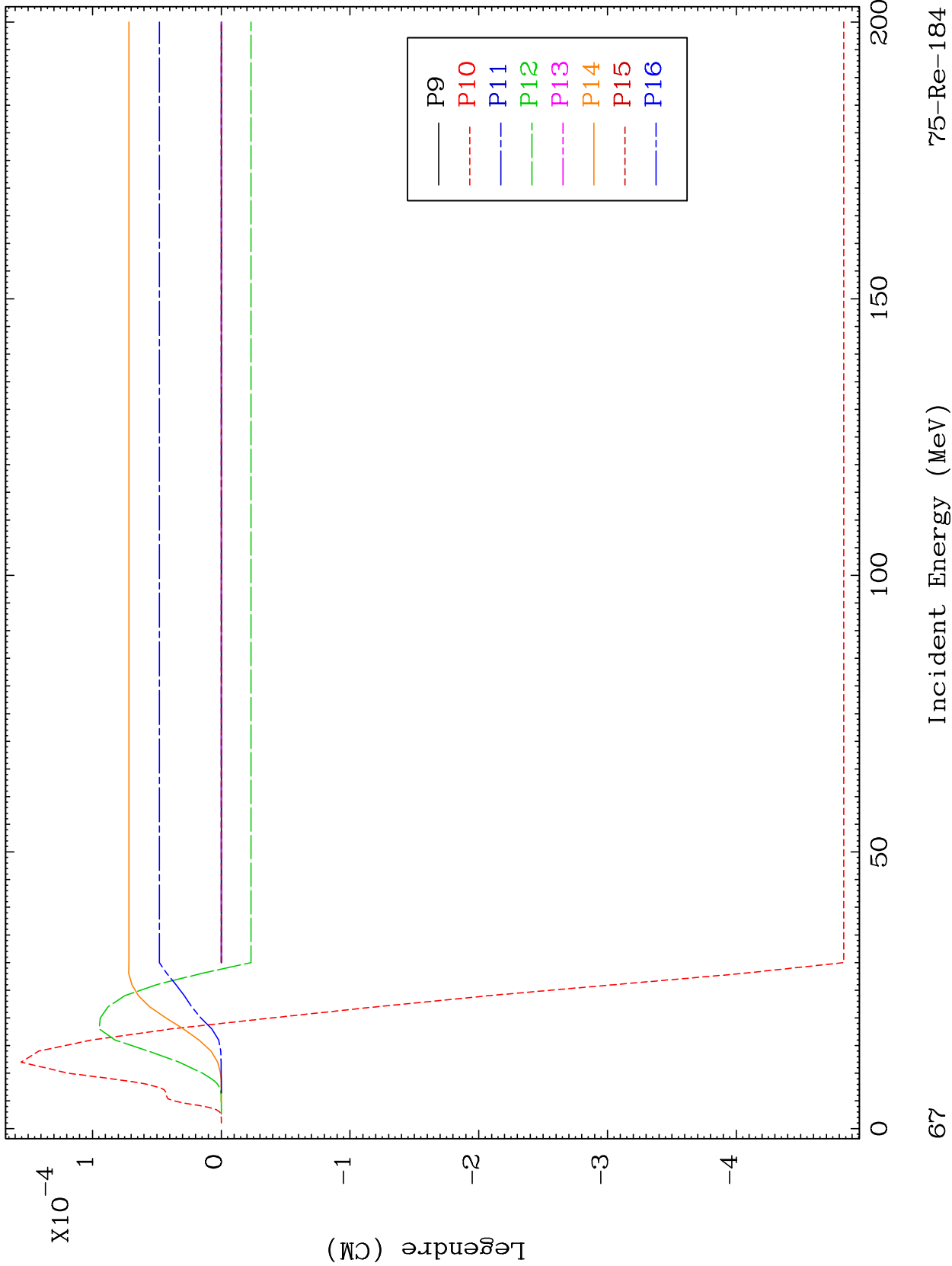




MAT 7522

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

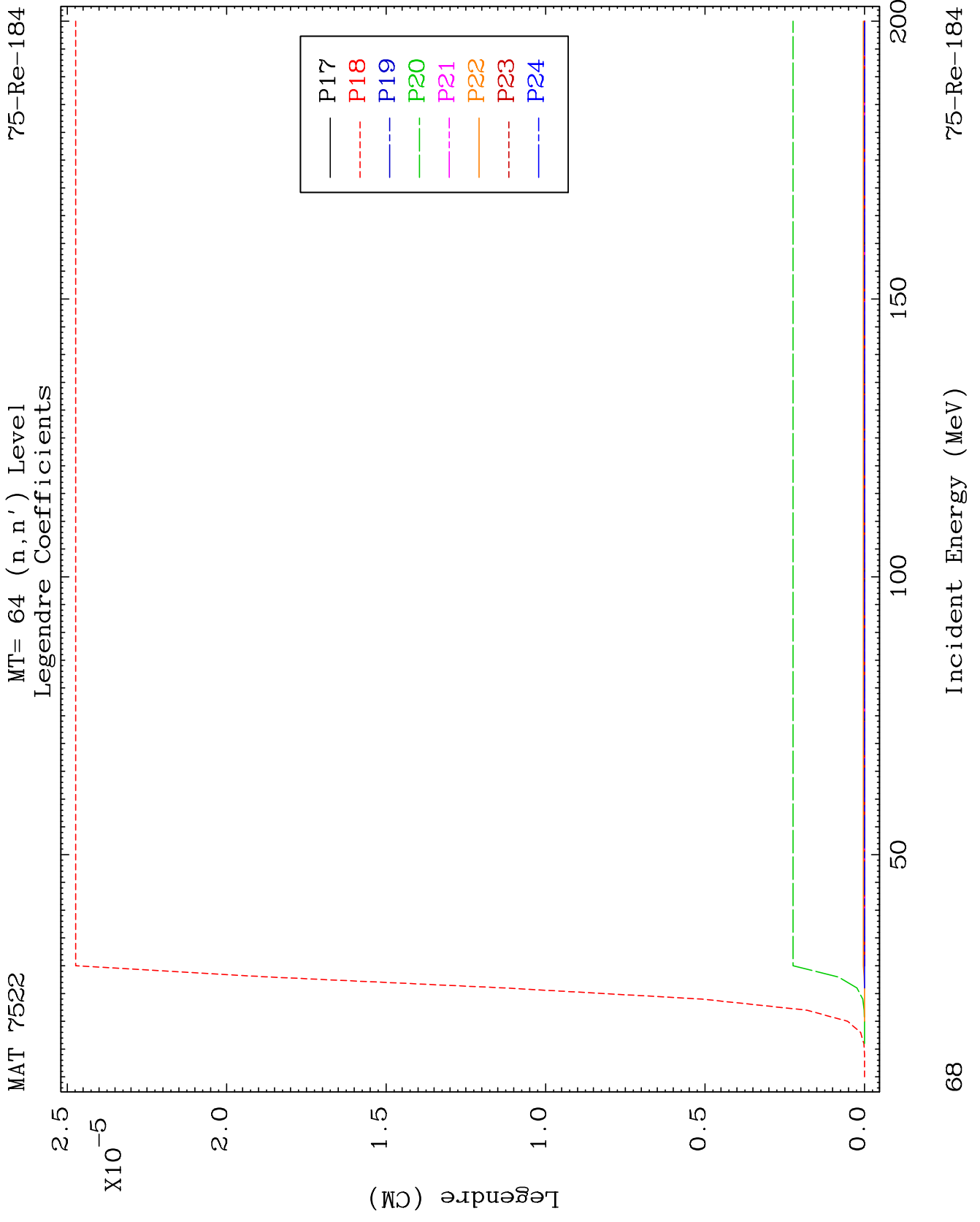
75-Re-184



67

Incident Energy (MeV)

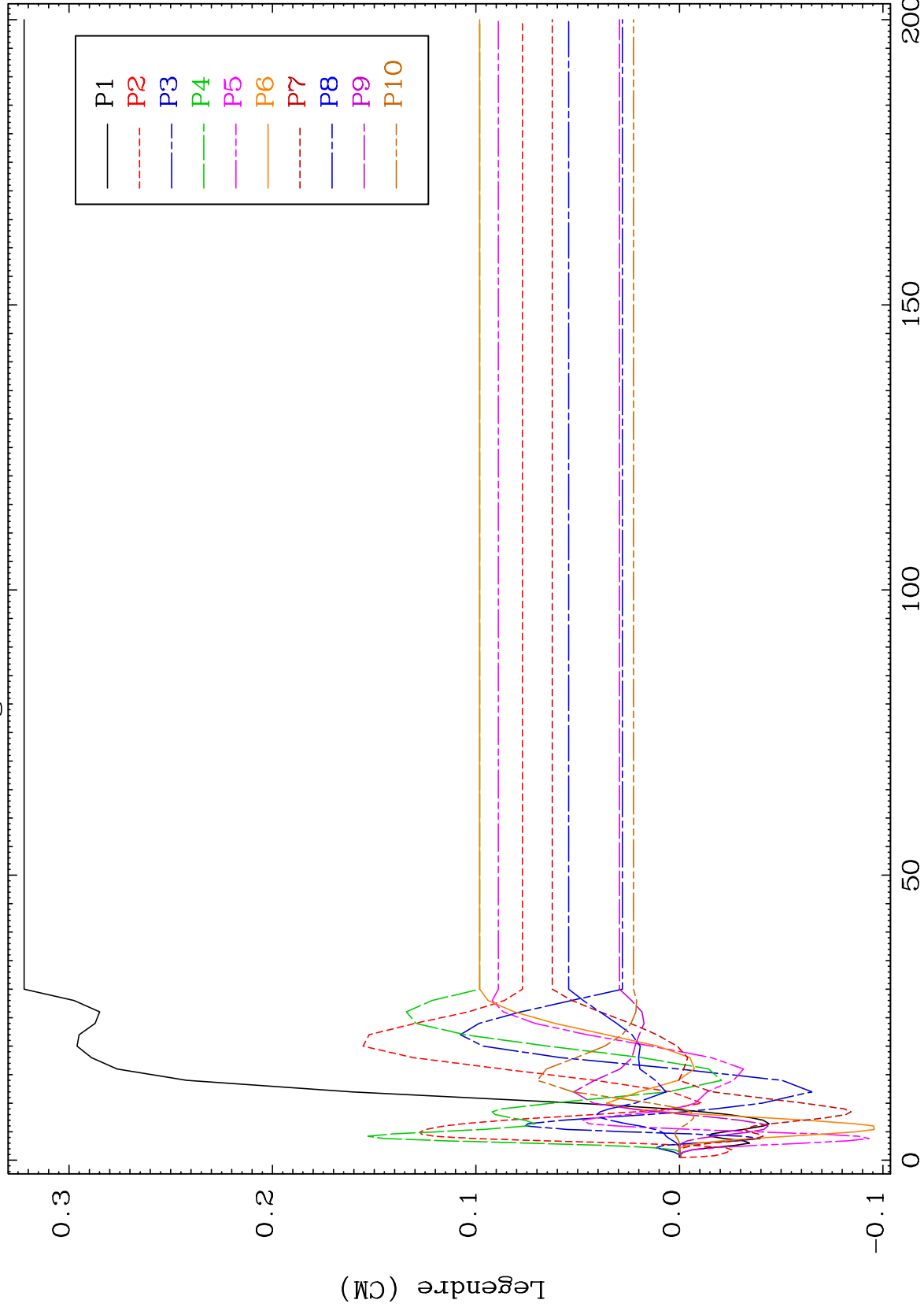
75-Re-184



MAT 7522

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

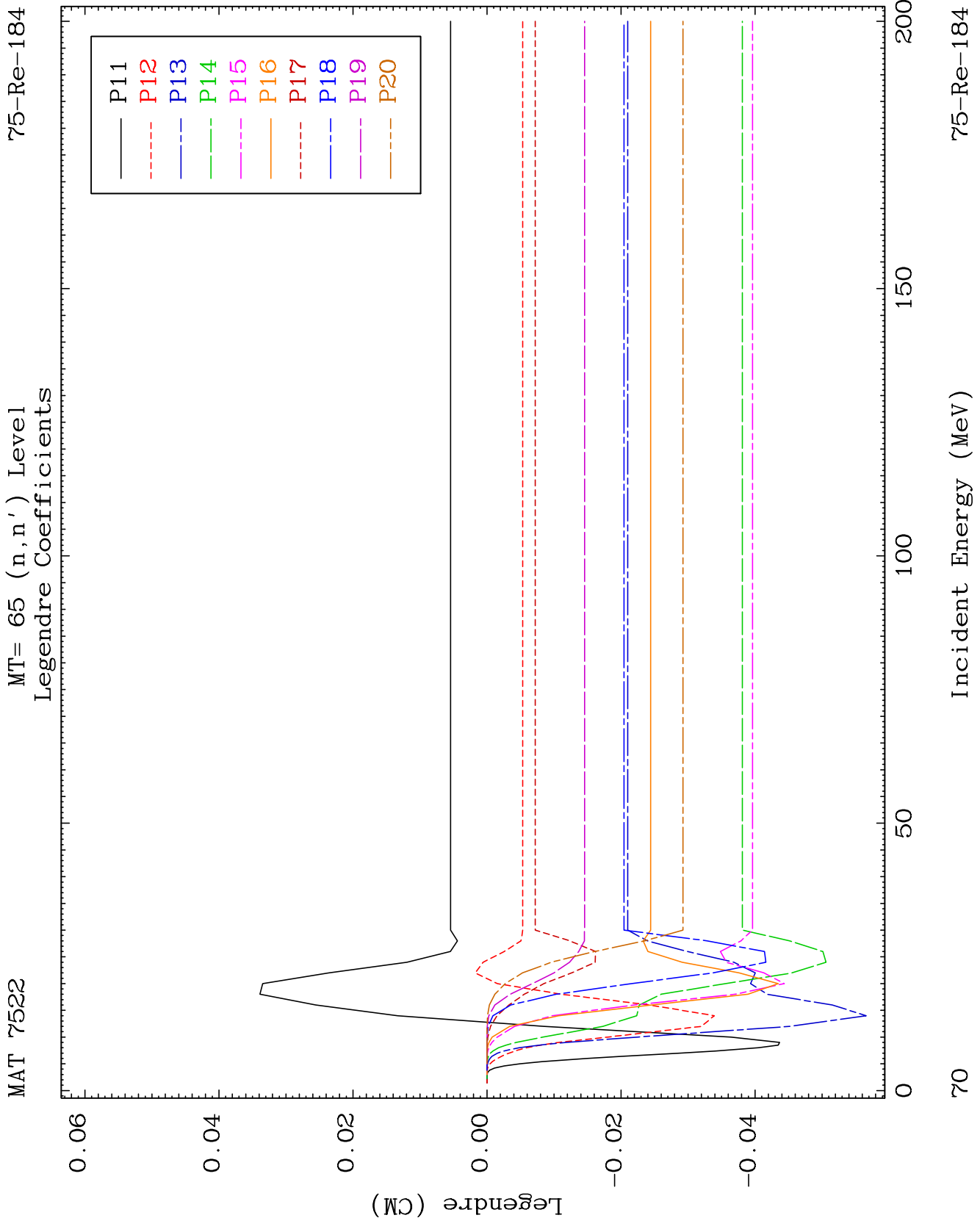
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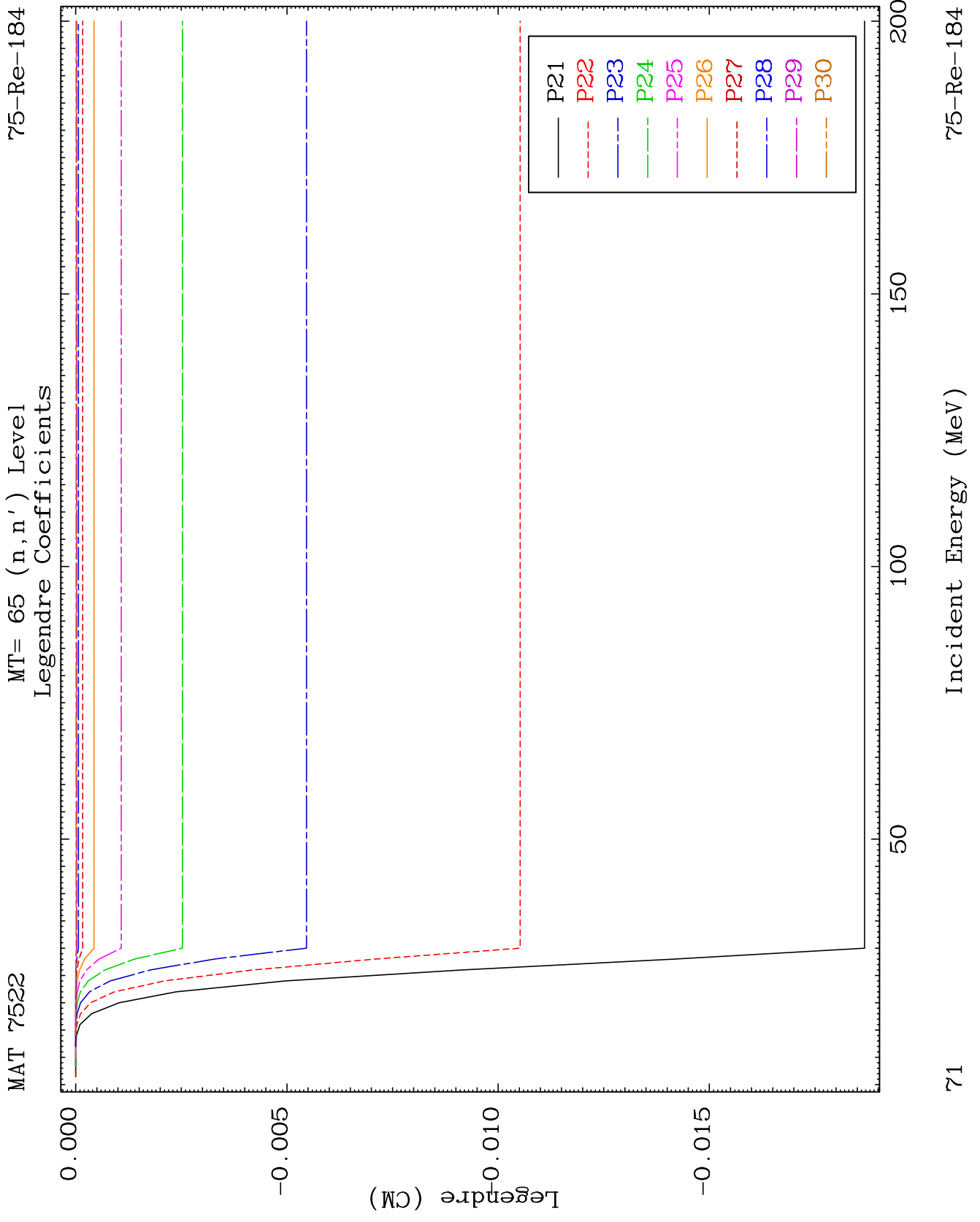


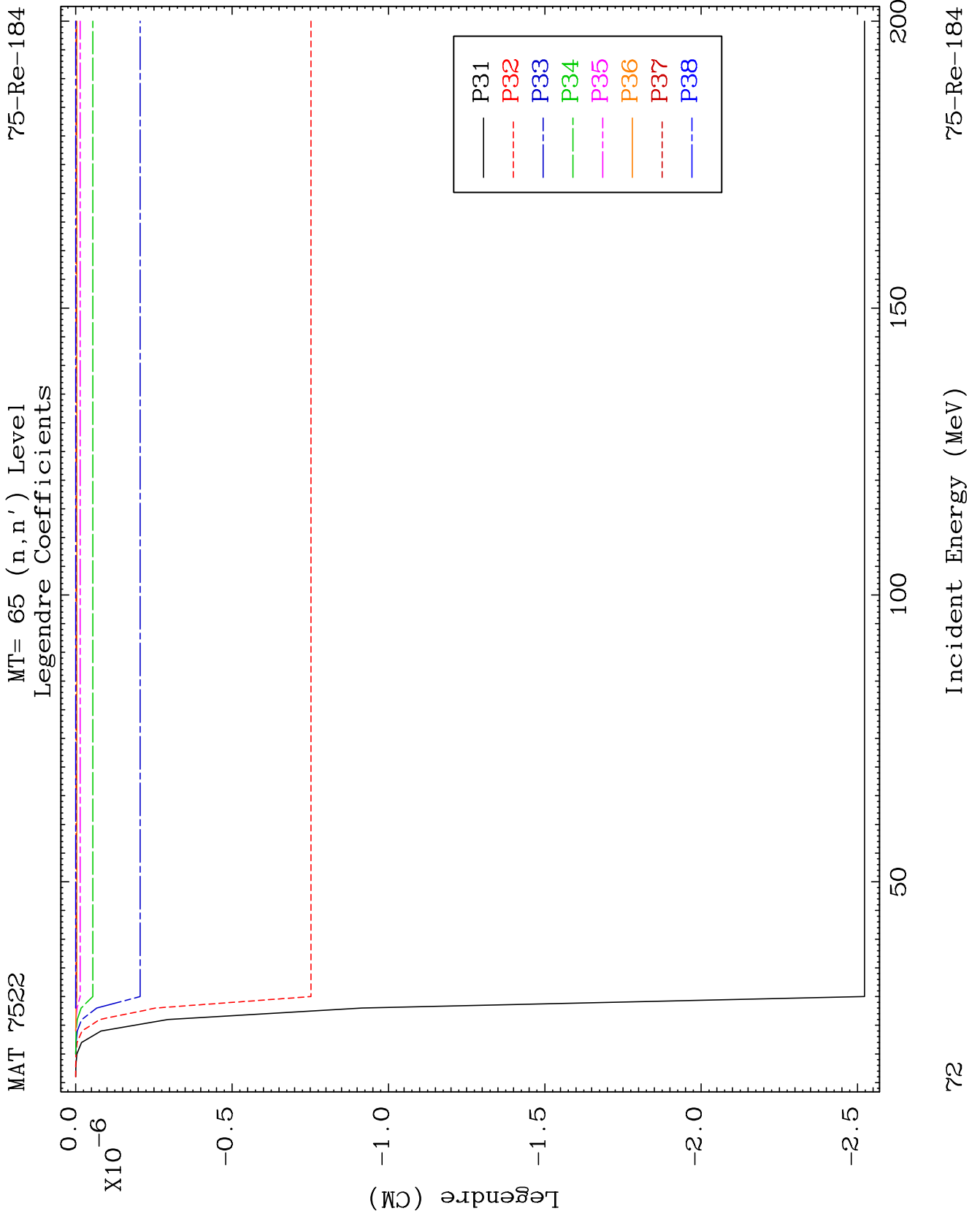
75-Re-184

Incident Energy (MeV)

69



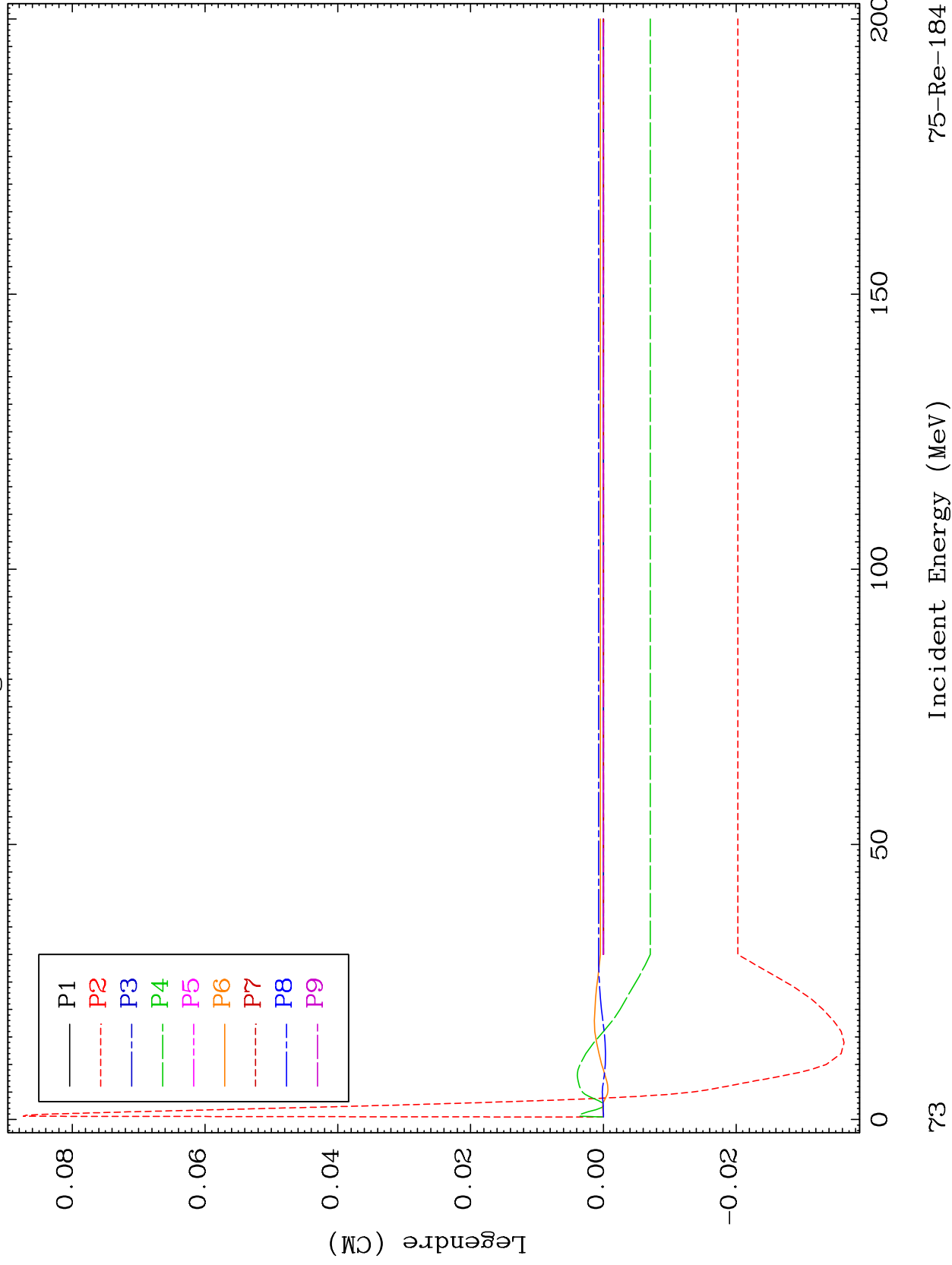




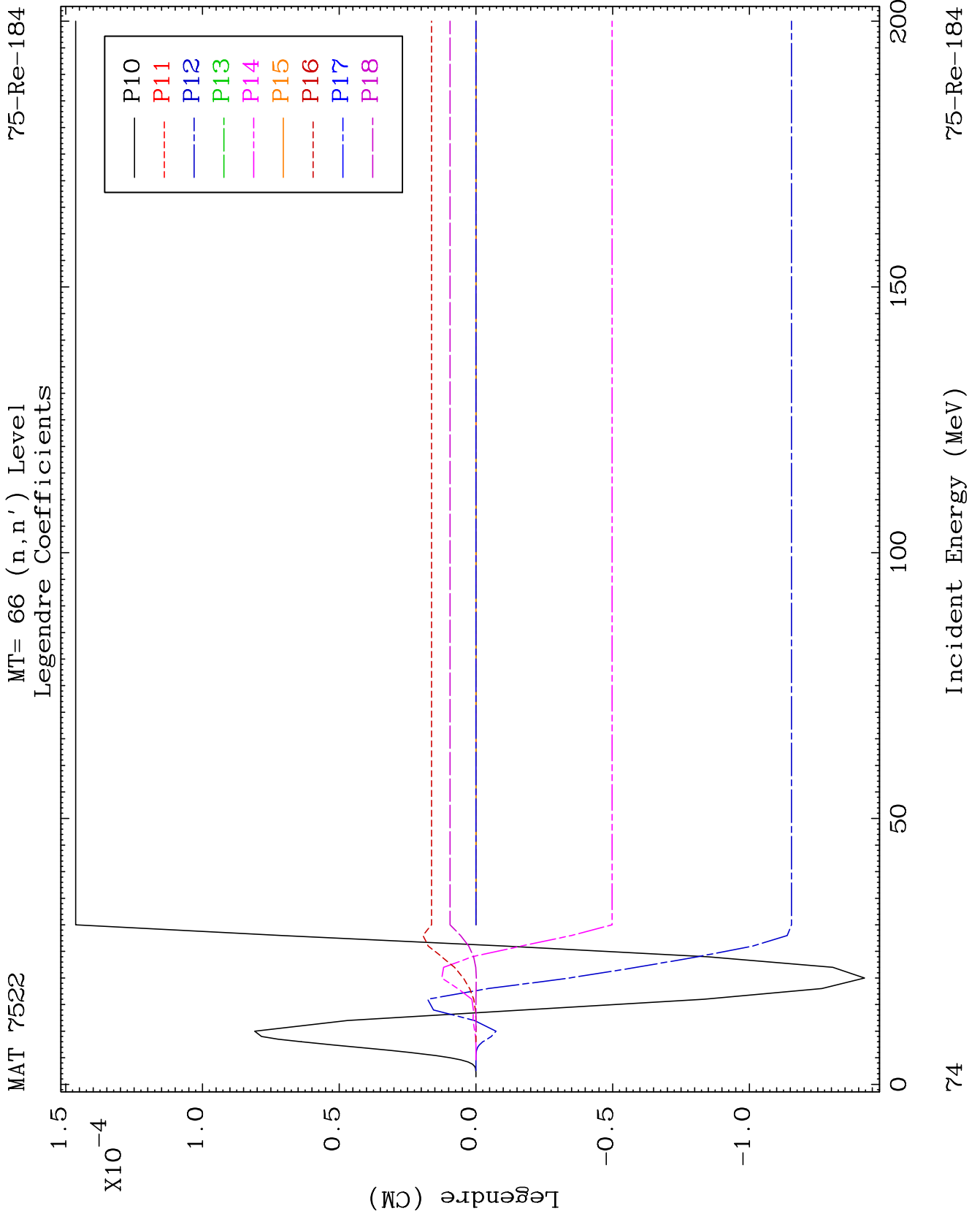
MAT 7522

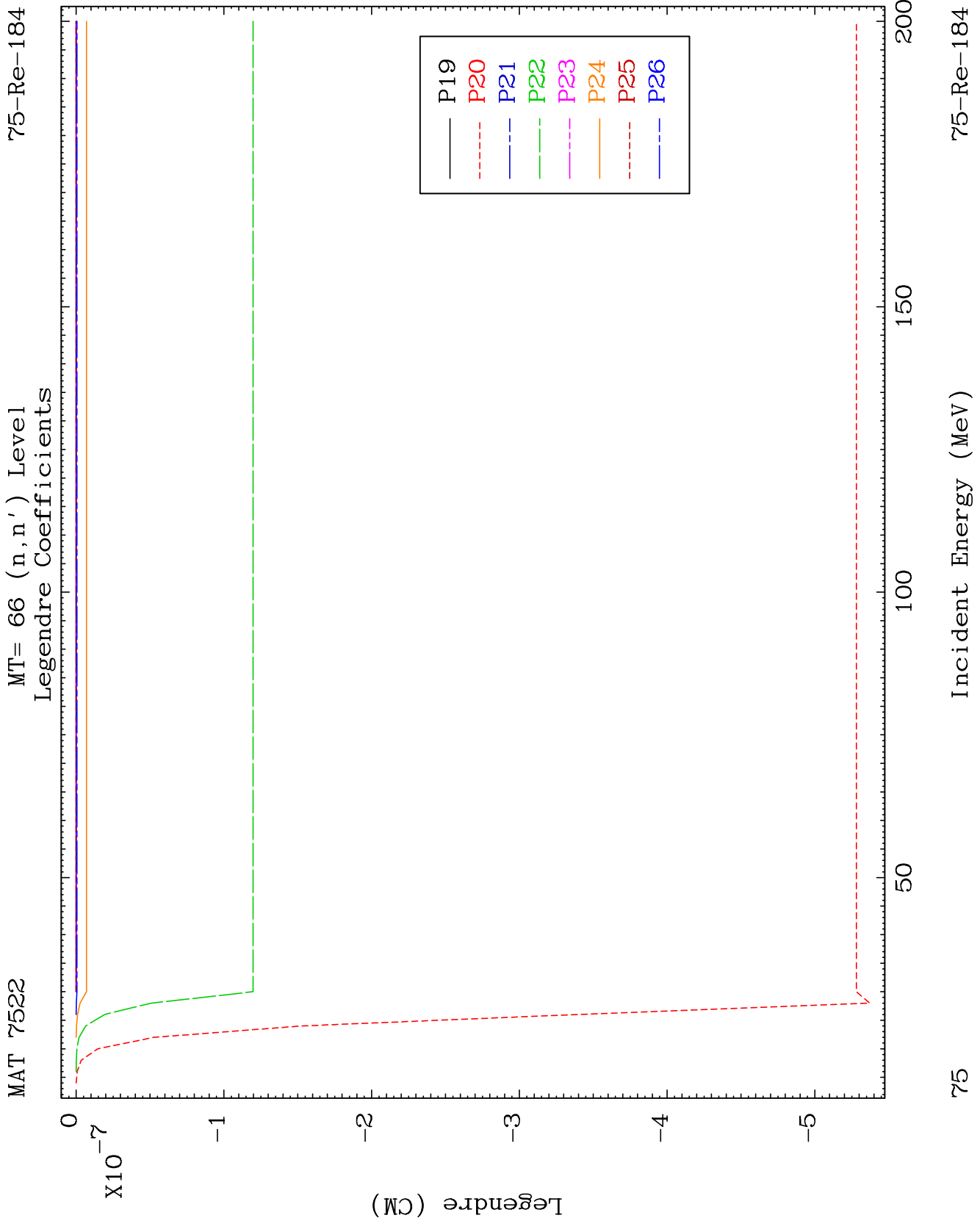
MT= 66 (n,n') Level
Legendre Coefficients

75-Re-184



73

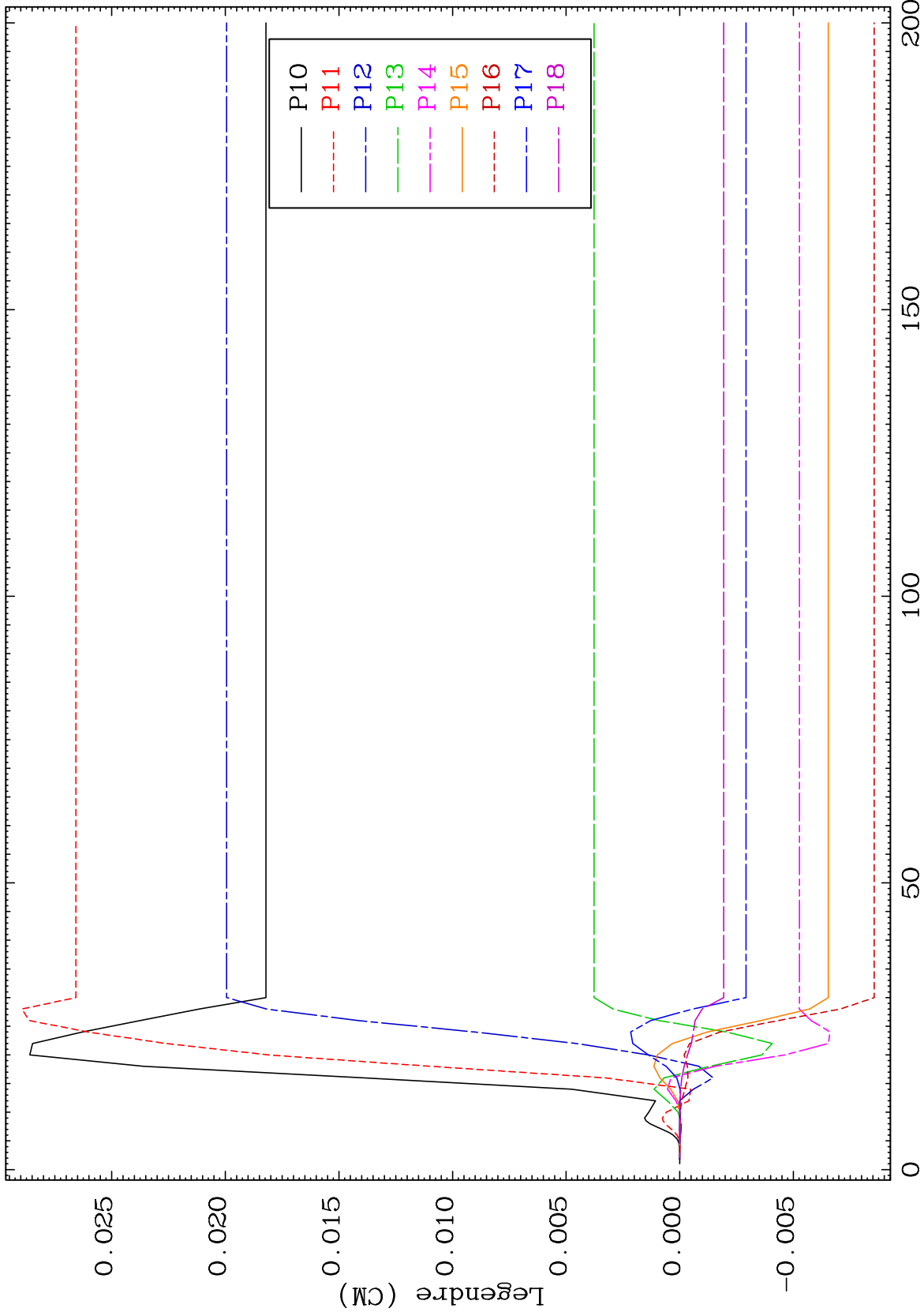




MAT 7522

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

75-Re-184



77

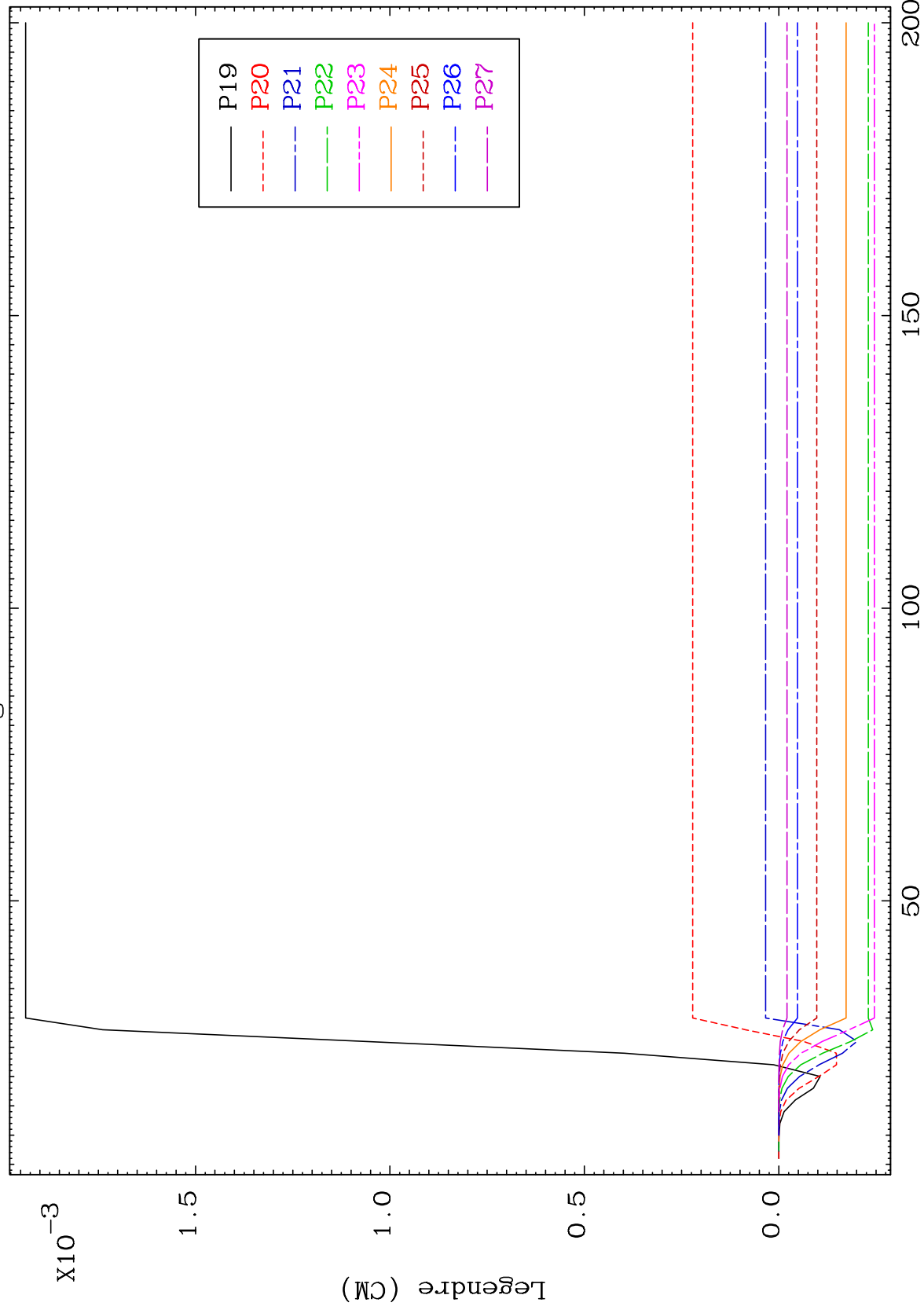
Incident Energy (MeV)

75-Re-184

MAT 7522

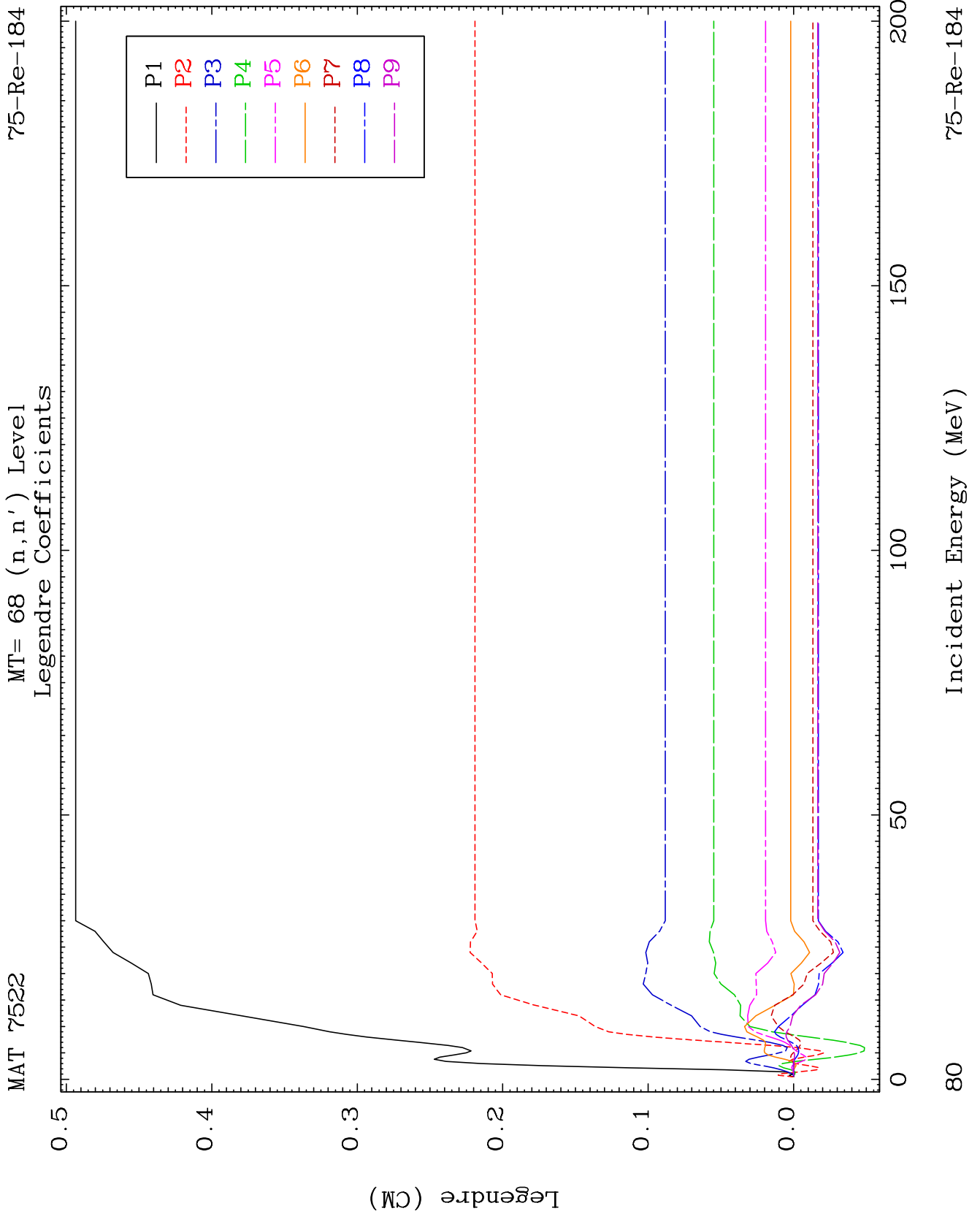
MT= 67 (n,n') Level
Legendre Coefficients

75-Re-184



78

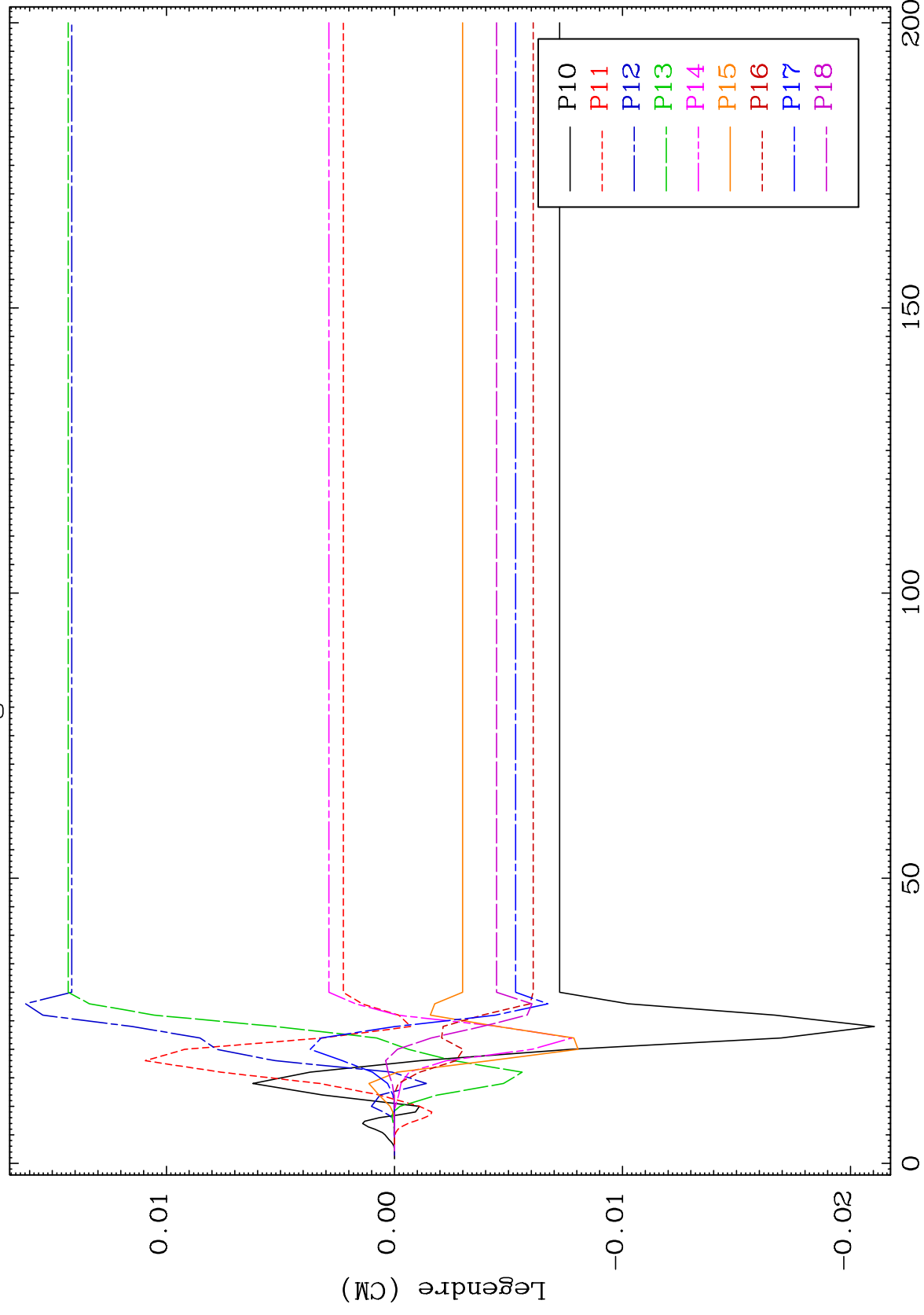
75-Re-184



MAT 7522

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

75-Re-184



81

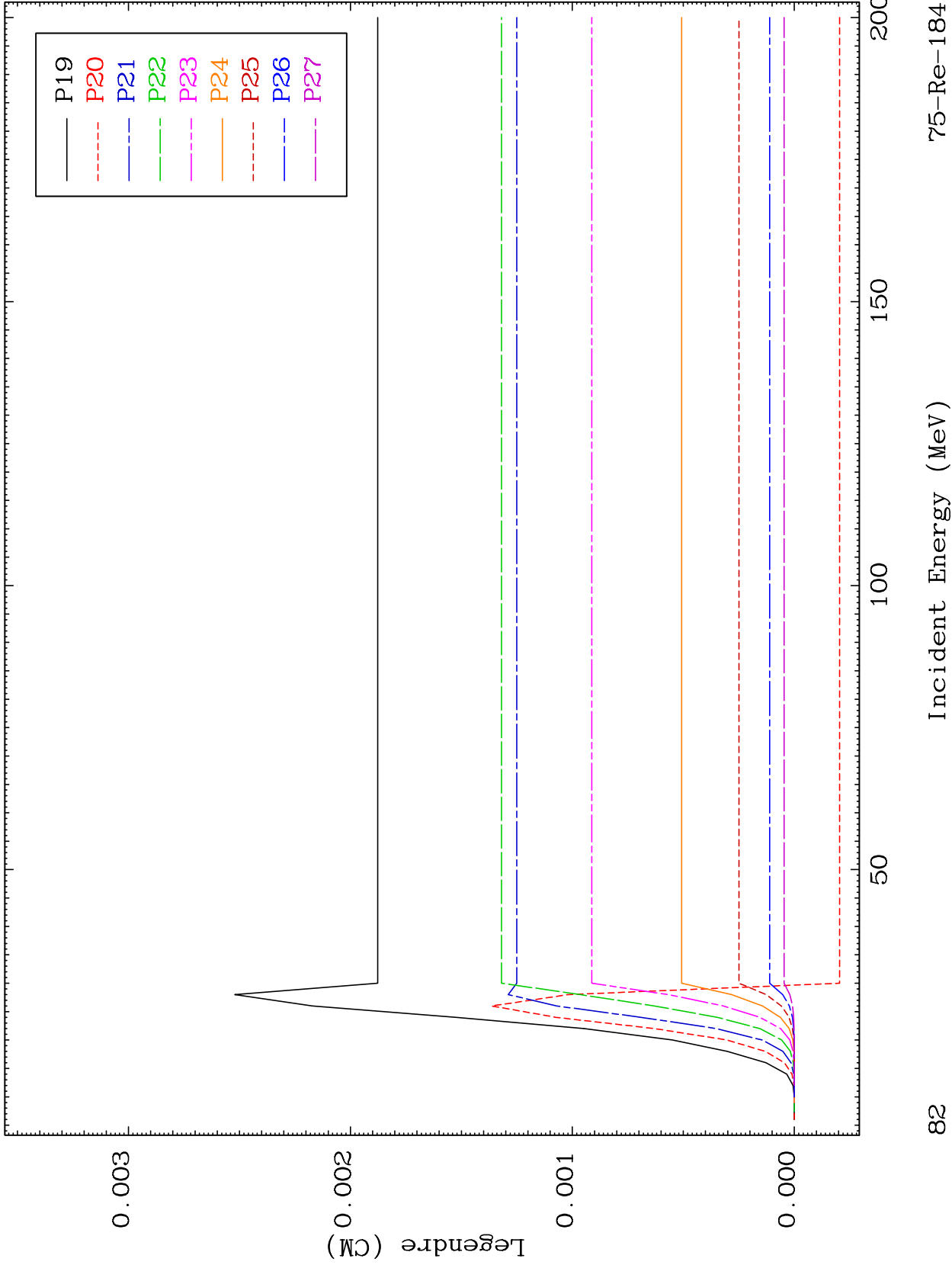
Incident Energy (MeV)

75-Re-184

MAT 7522

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

75-Re-184



82

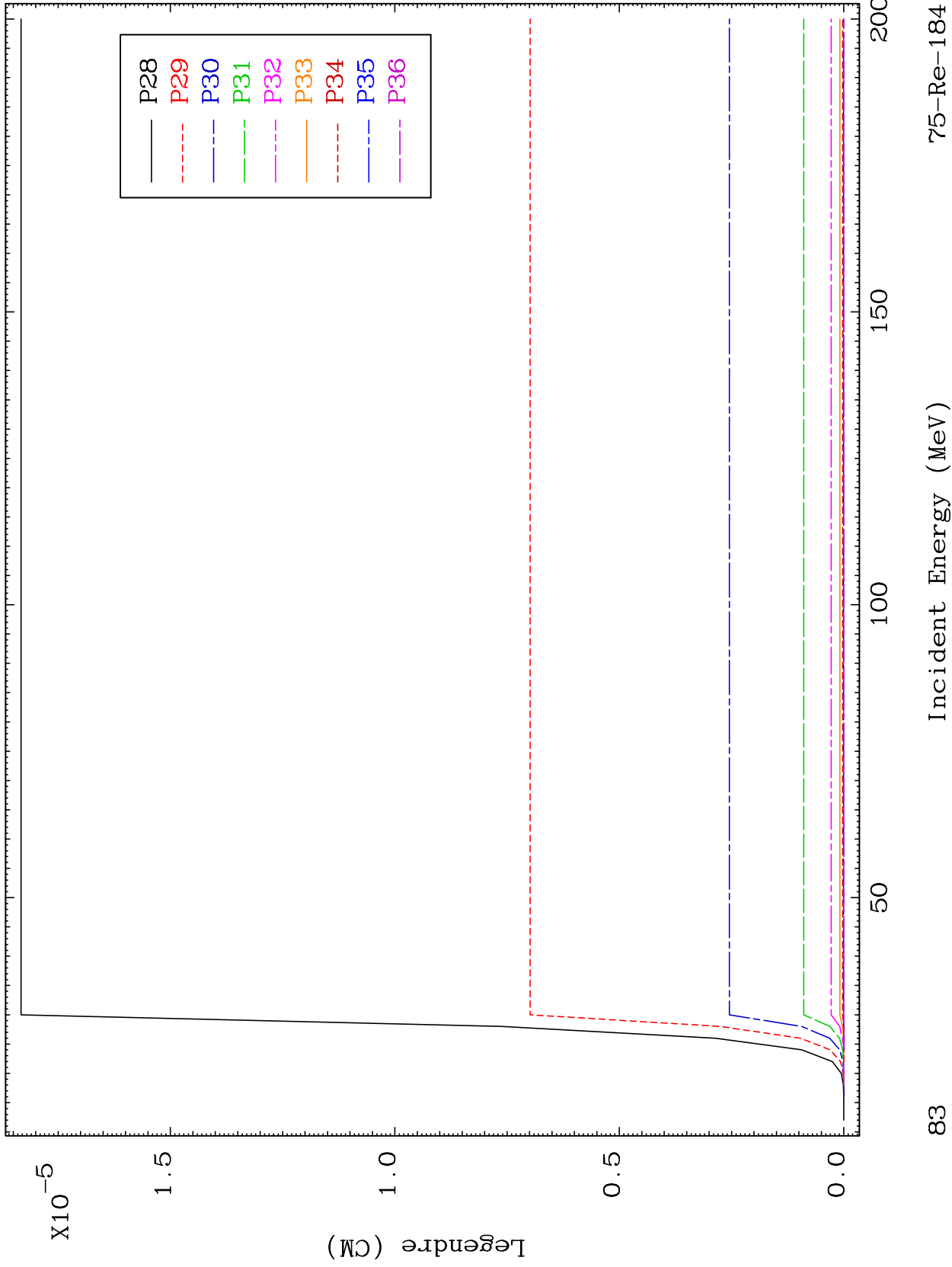
Incident Energy (MeV)

75-Re-184

MAT 7522

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

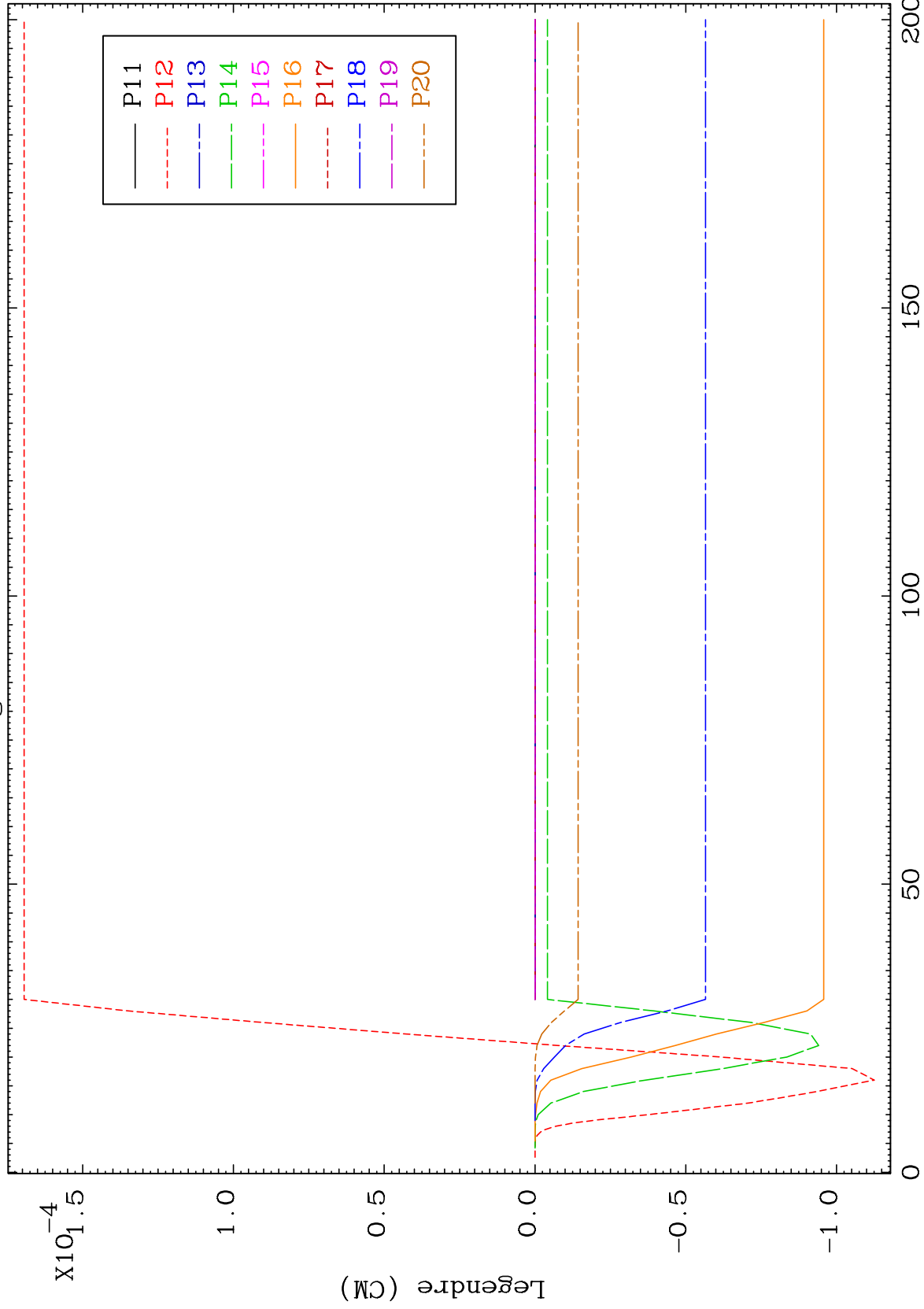
75-Re-184



MAT 7522

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

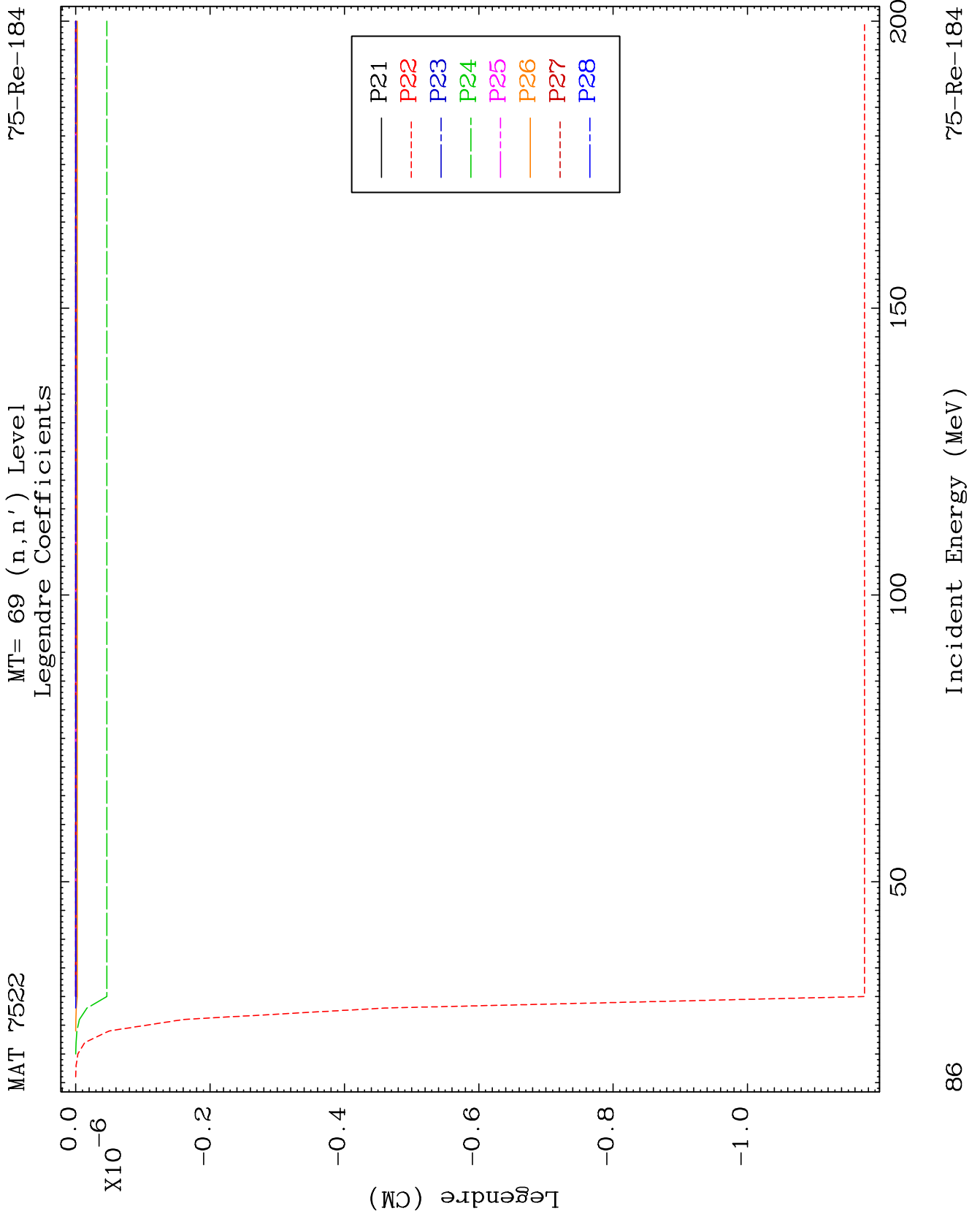
75-Re-184



85

Incident Energy (MeV)

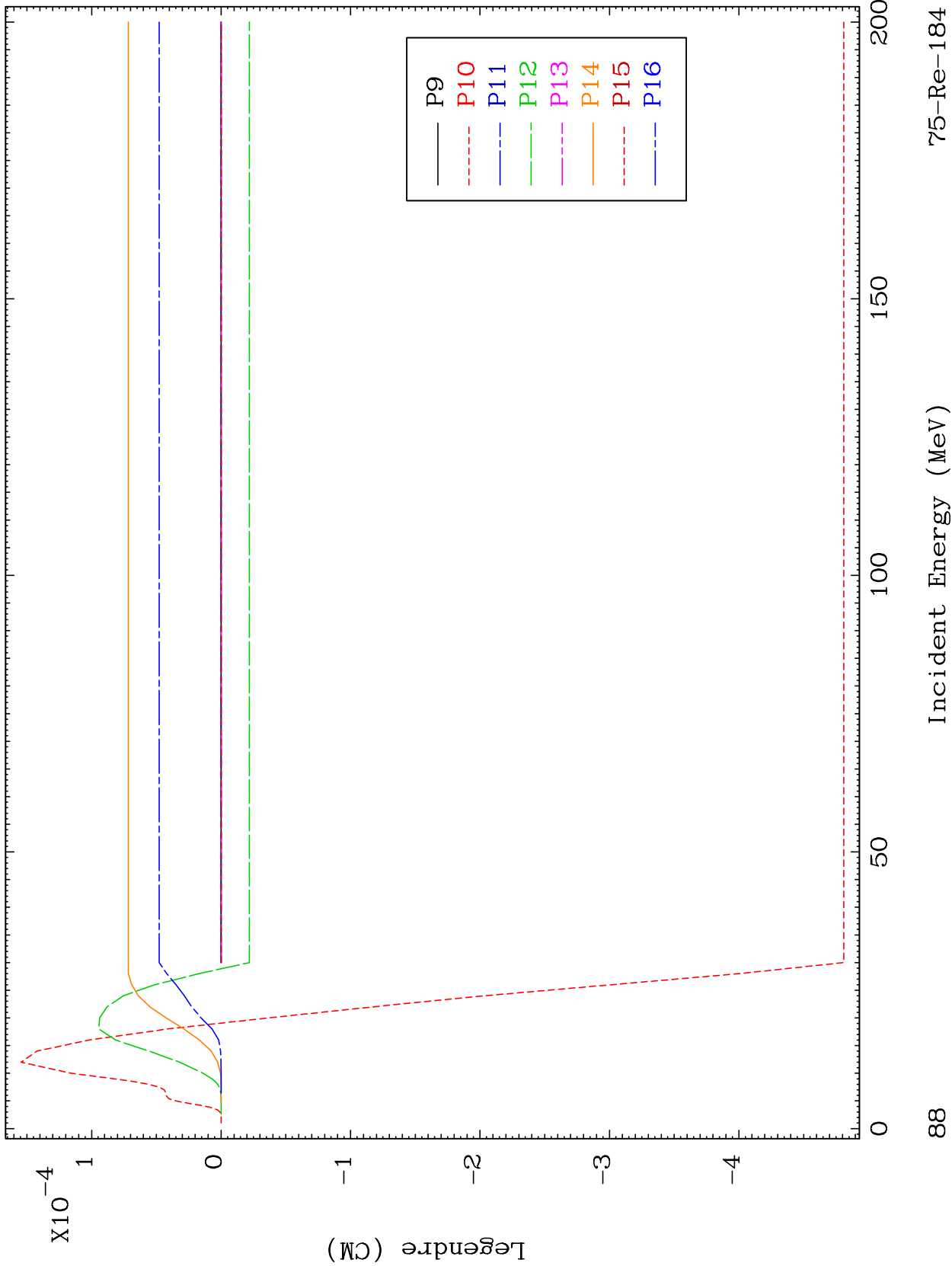
75-Re-184



MAT 7522

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

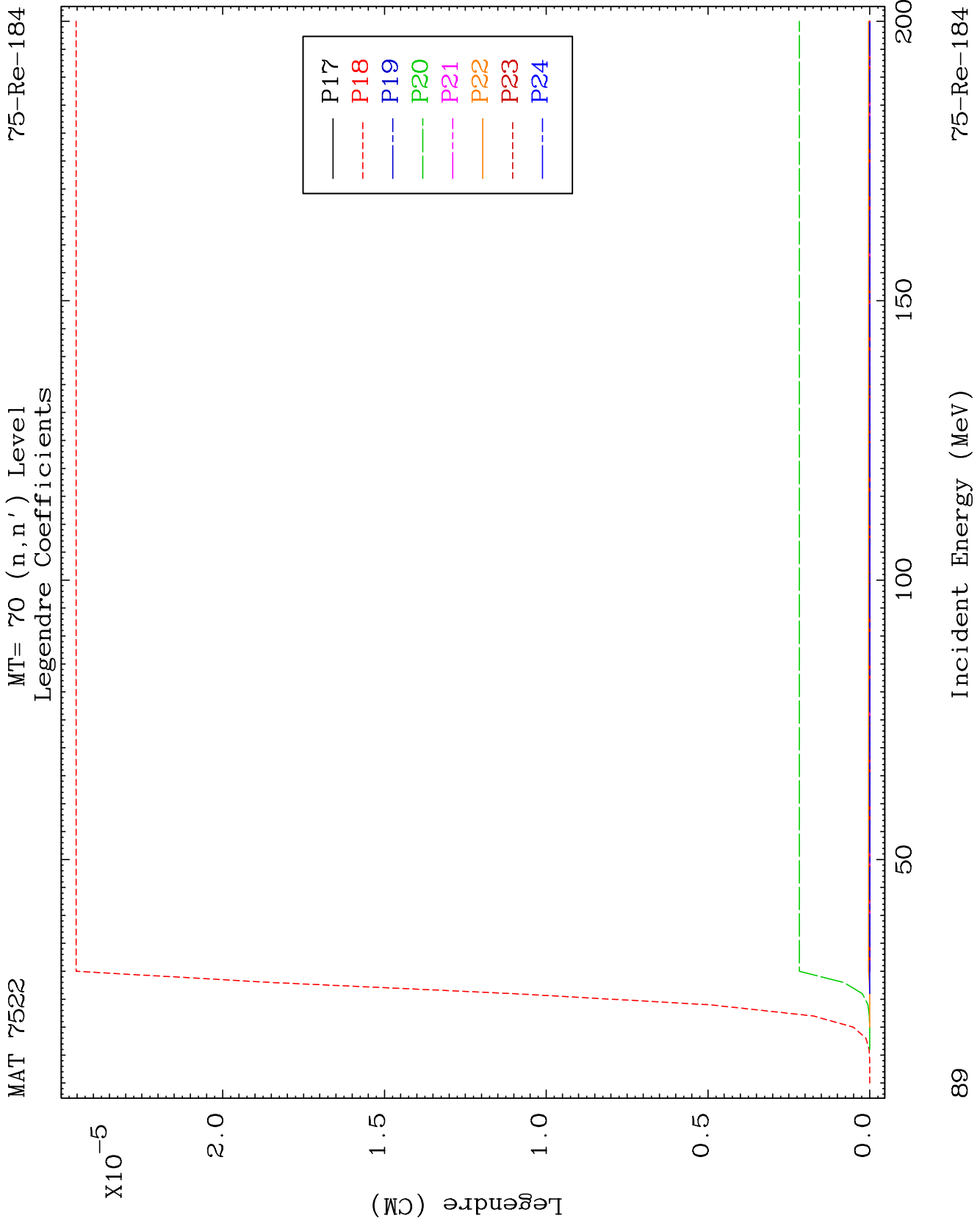
75-Re-184

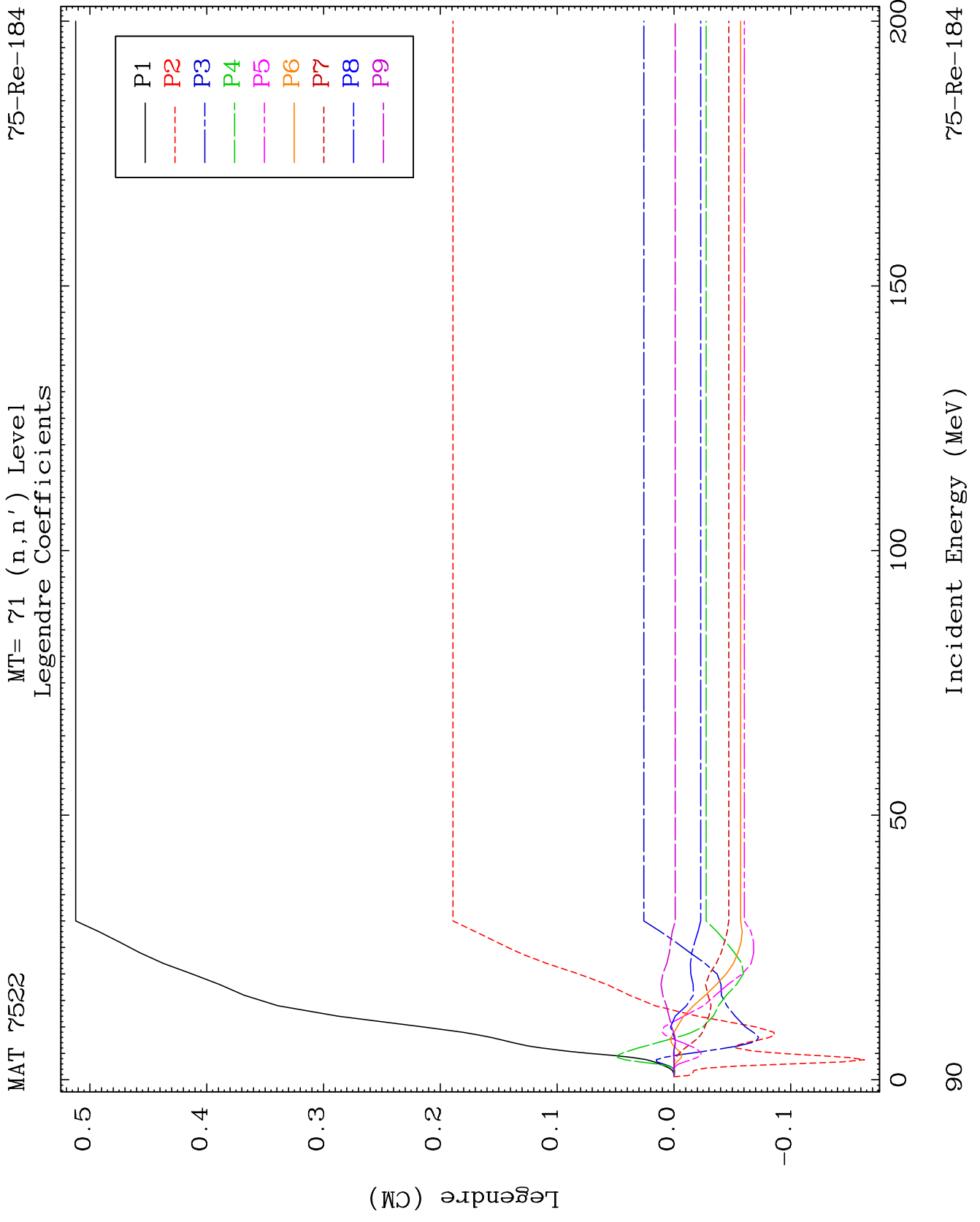


88

Incident Energy (MeV)

75-Re-184

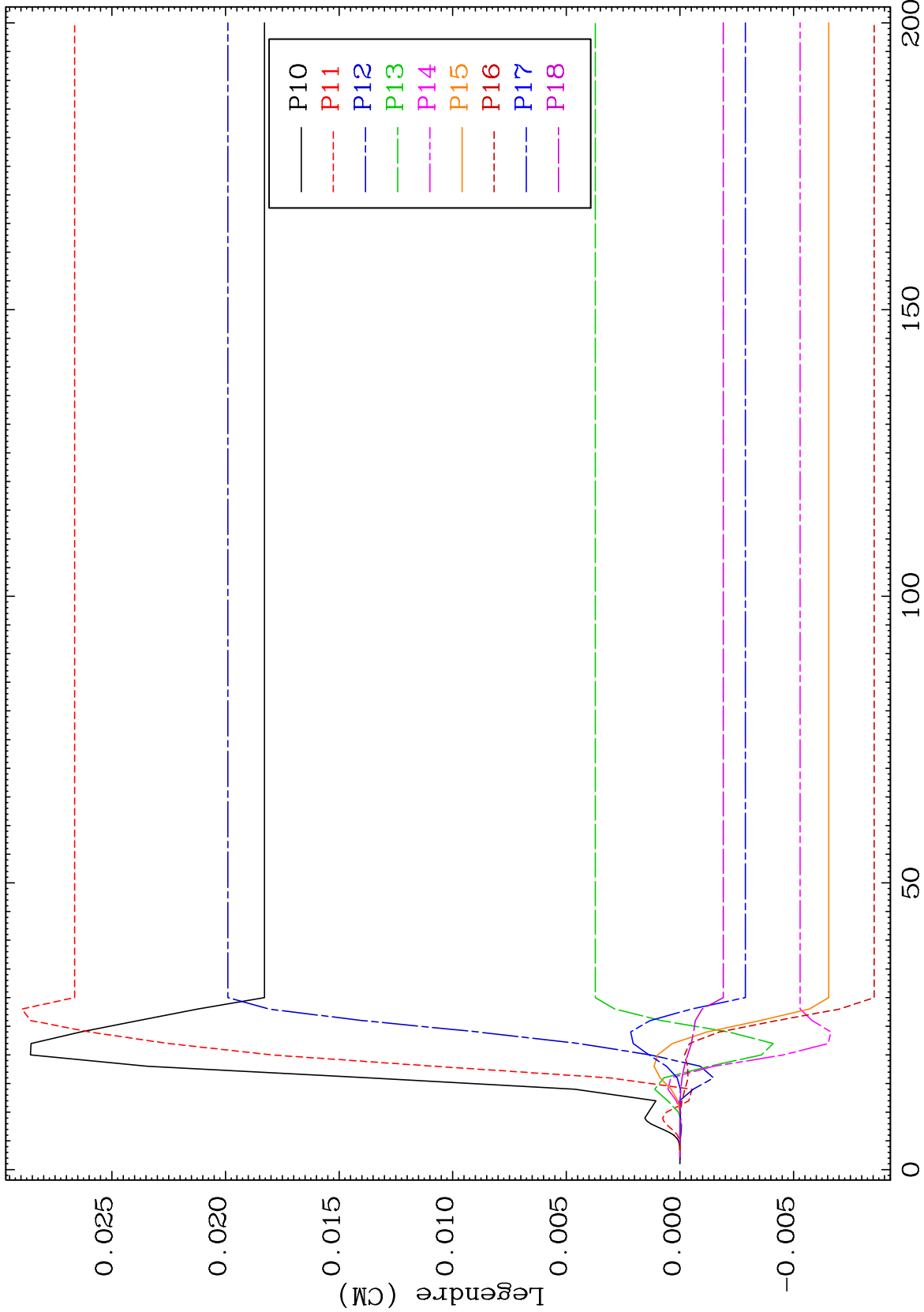




MAT 7522

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

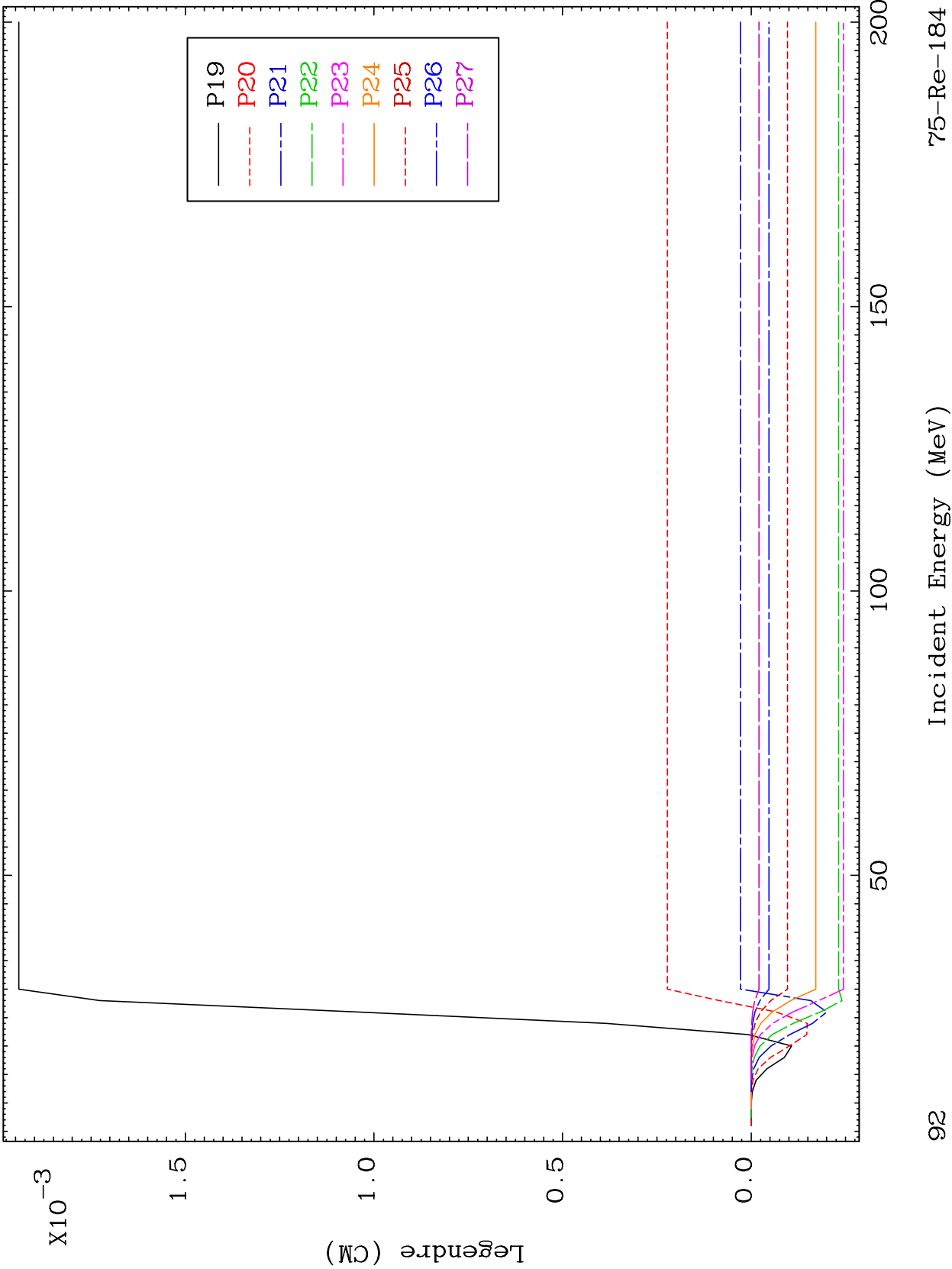
75-Re-184



91

Incident Energy (MeV)

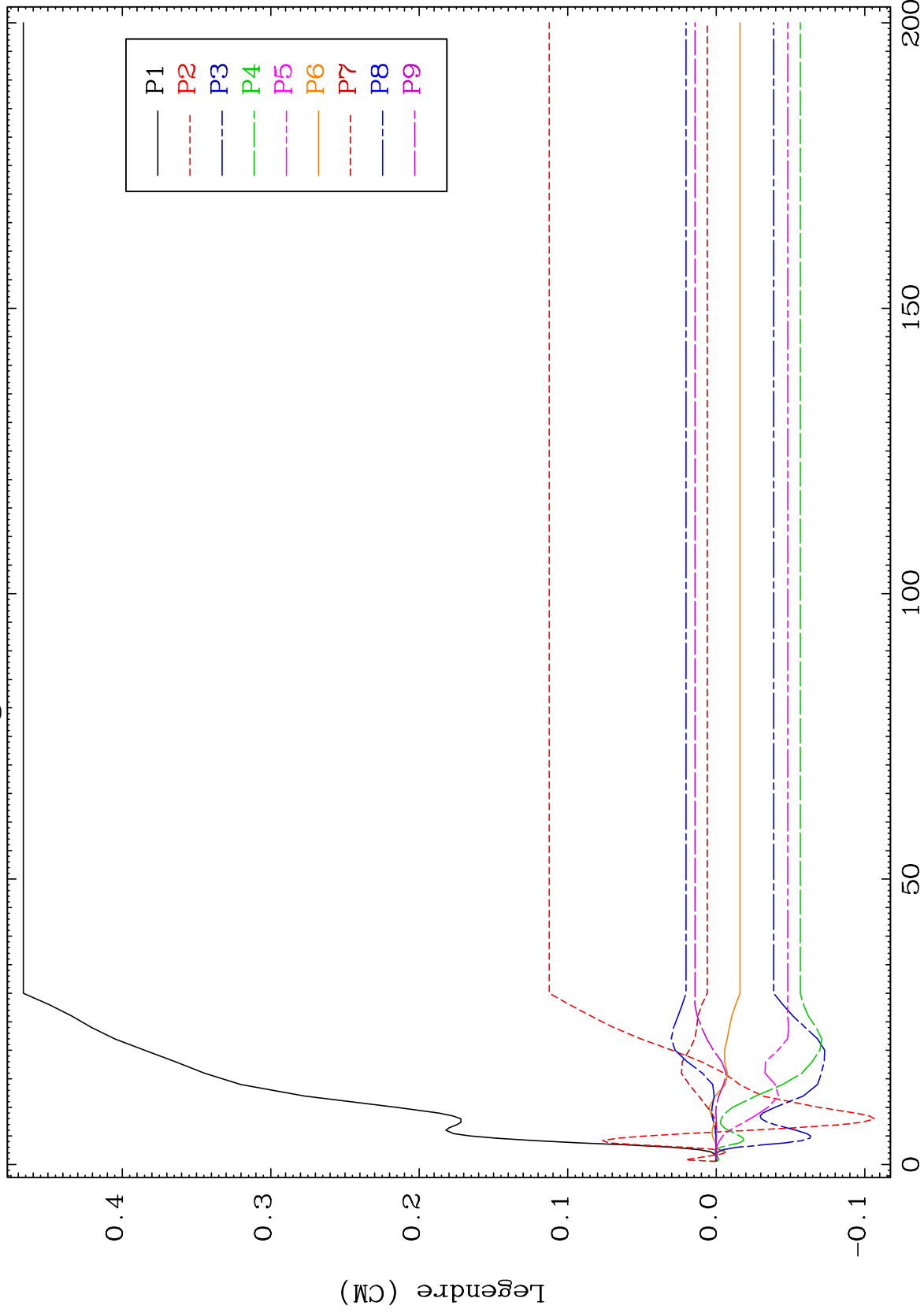
75-Re-184



MAT 7522

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

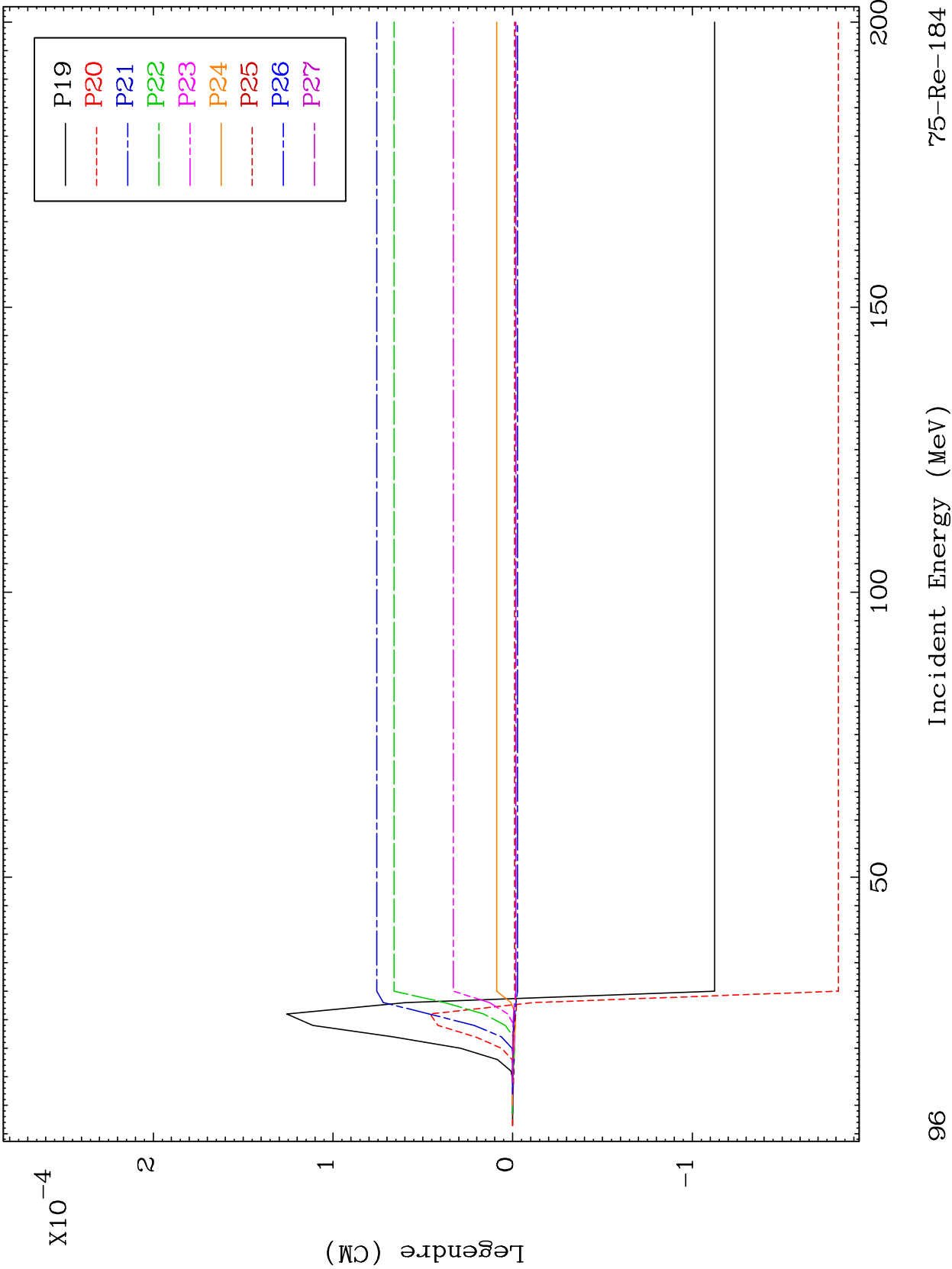
75-Re-184

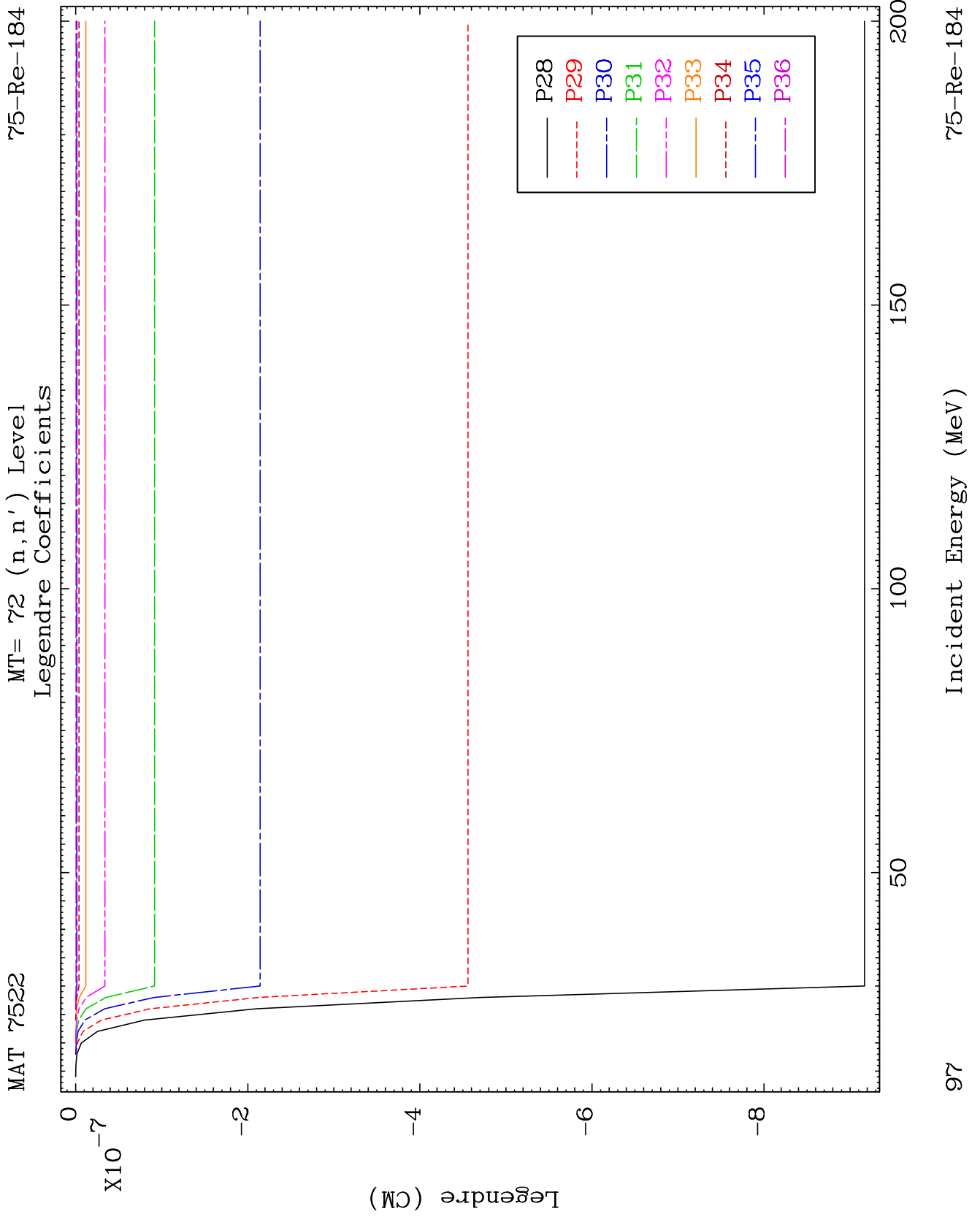


94

Incident Energy (MeV)

75-Re-184

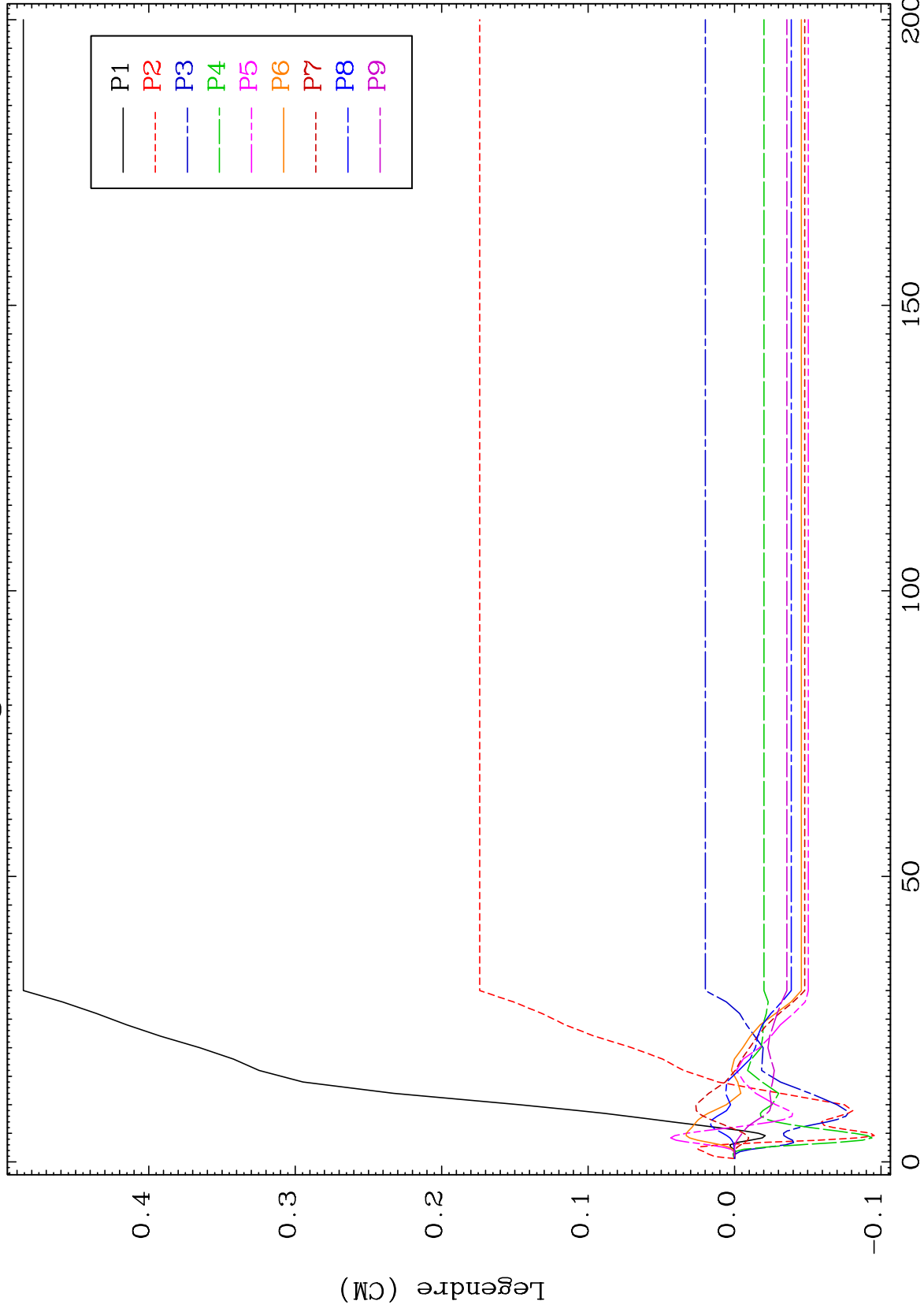




MAT 7522

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

75-Re-184



75-Re-184

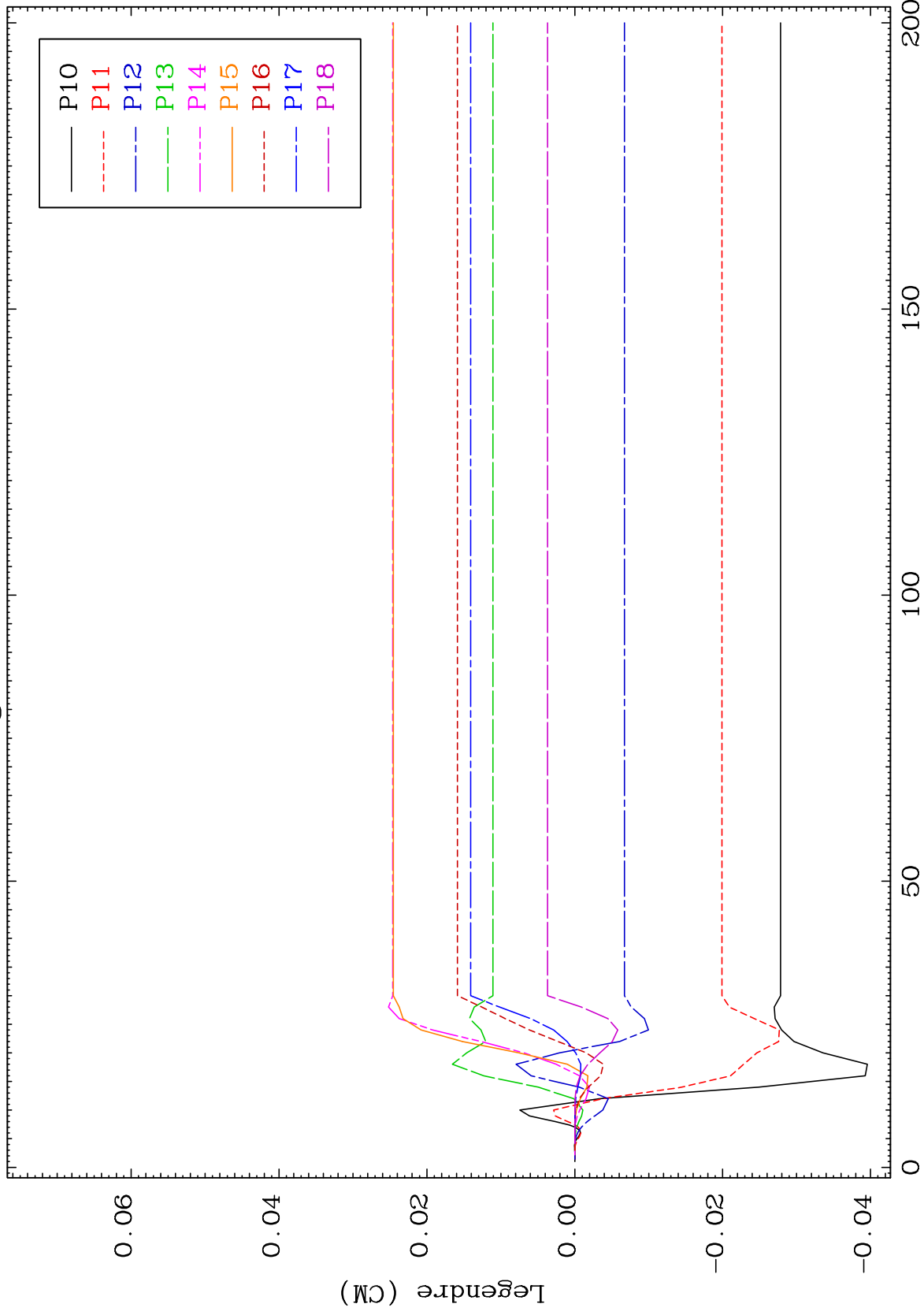
Incident Energy (MeV)

98

MAT 7522

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

75-Re-184



99

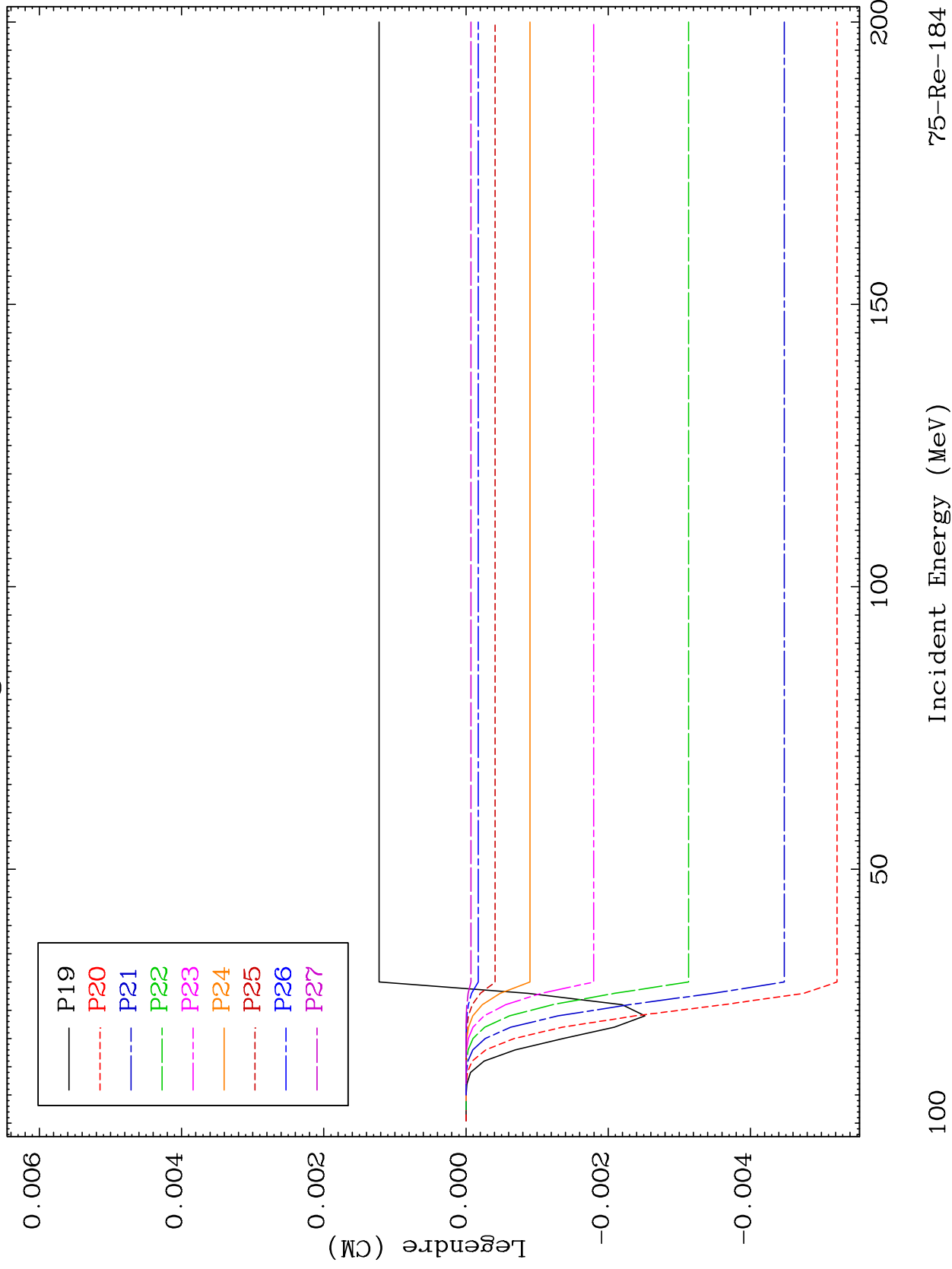
Incident Energy (MeV)

75-Re-184

MAT 7522

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

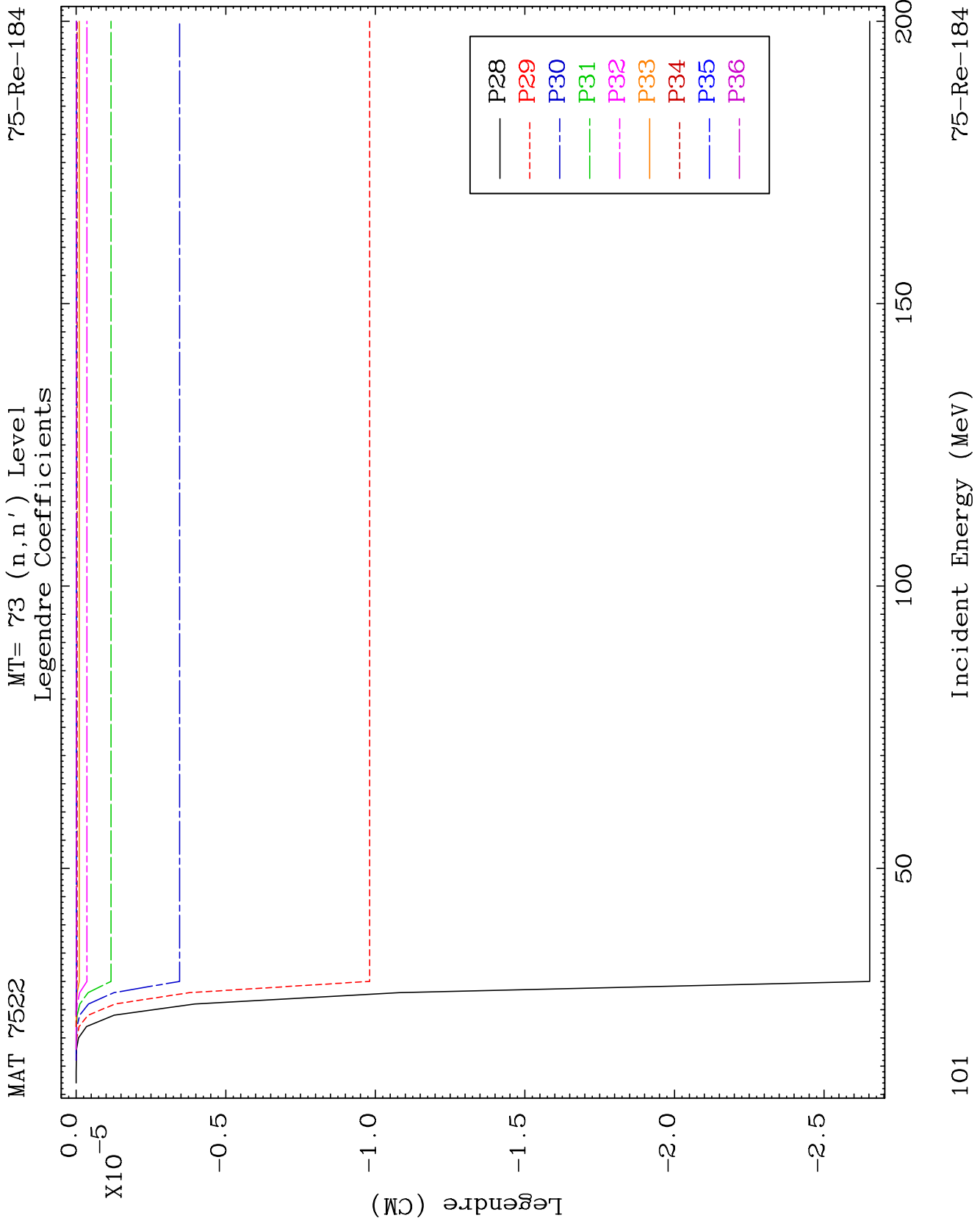
75-Re-184

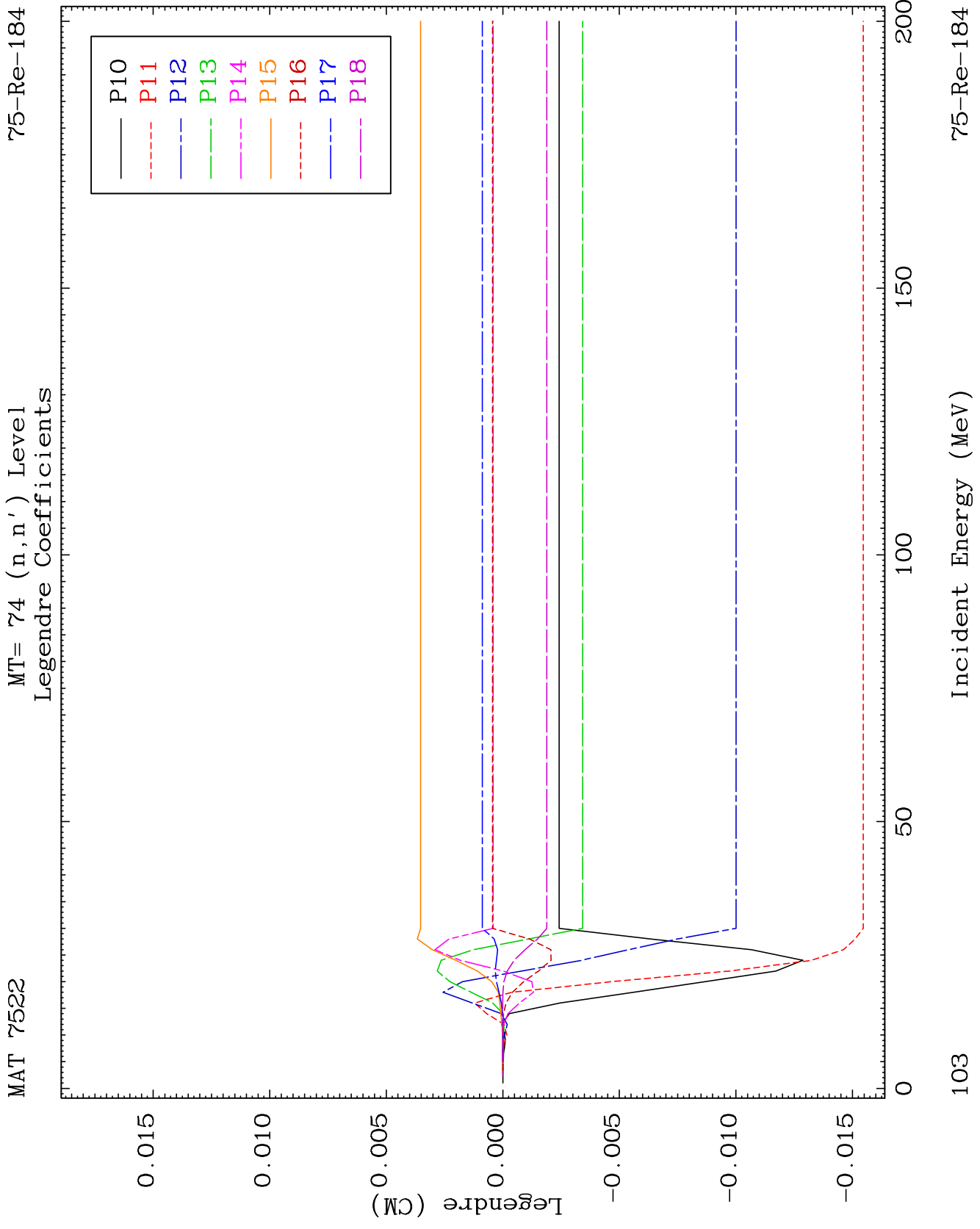


100

Incident Energy (MeV)

75-Re-184

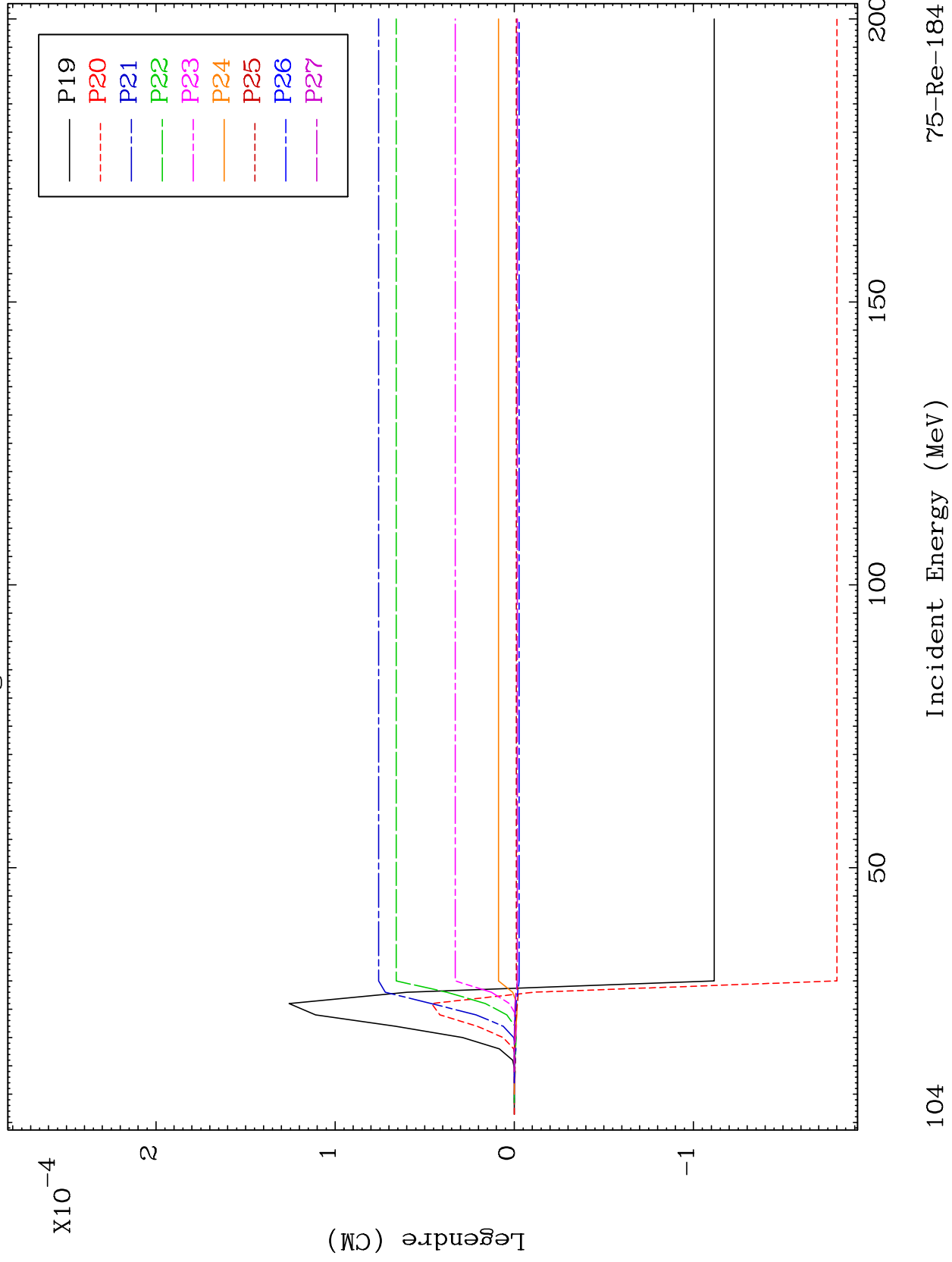




MAT 7522

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

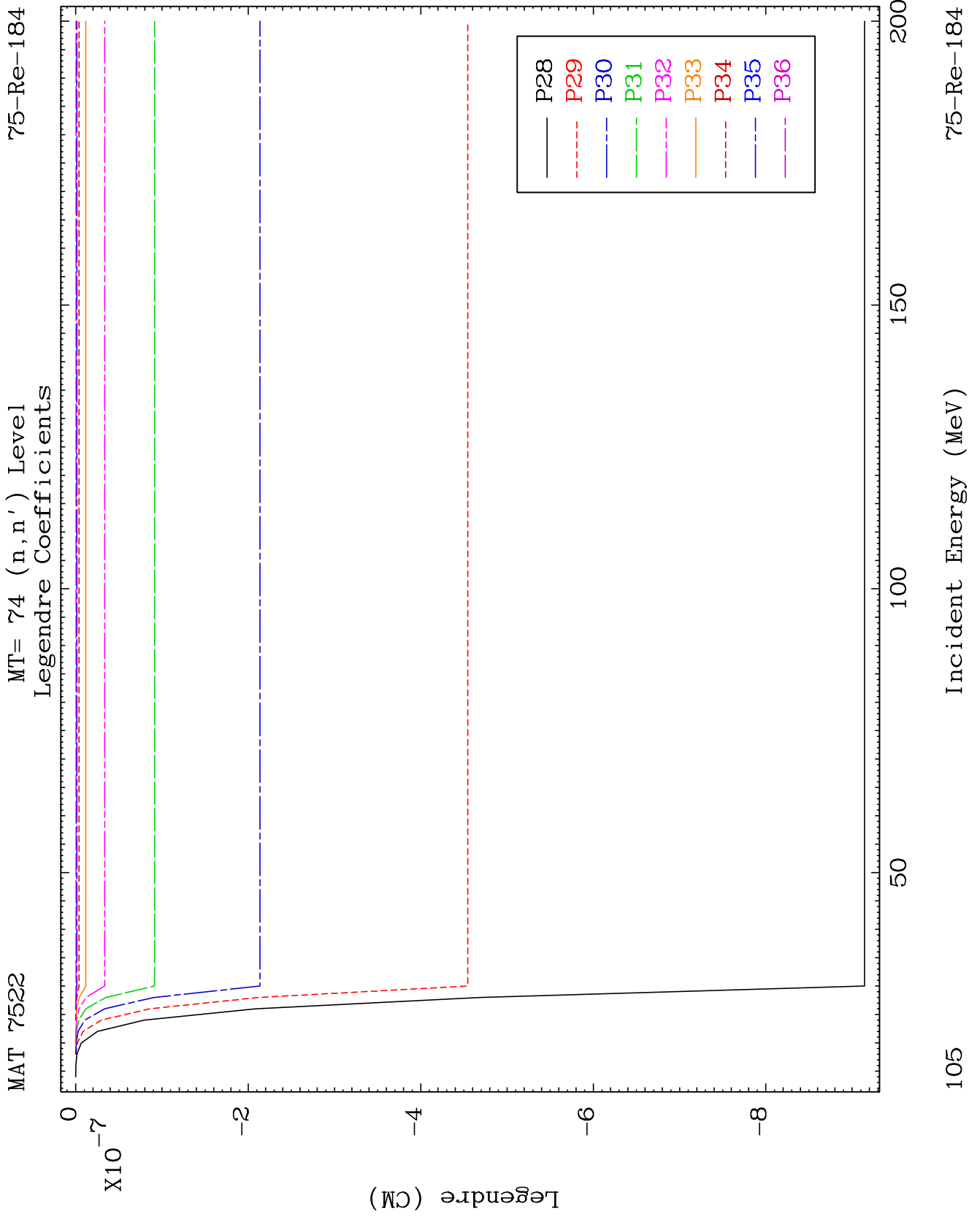
75-Re-184



104

Incident Energy (MeV)

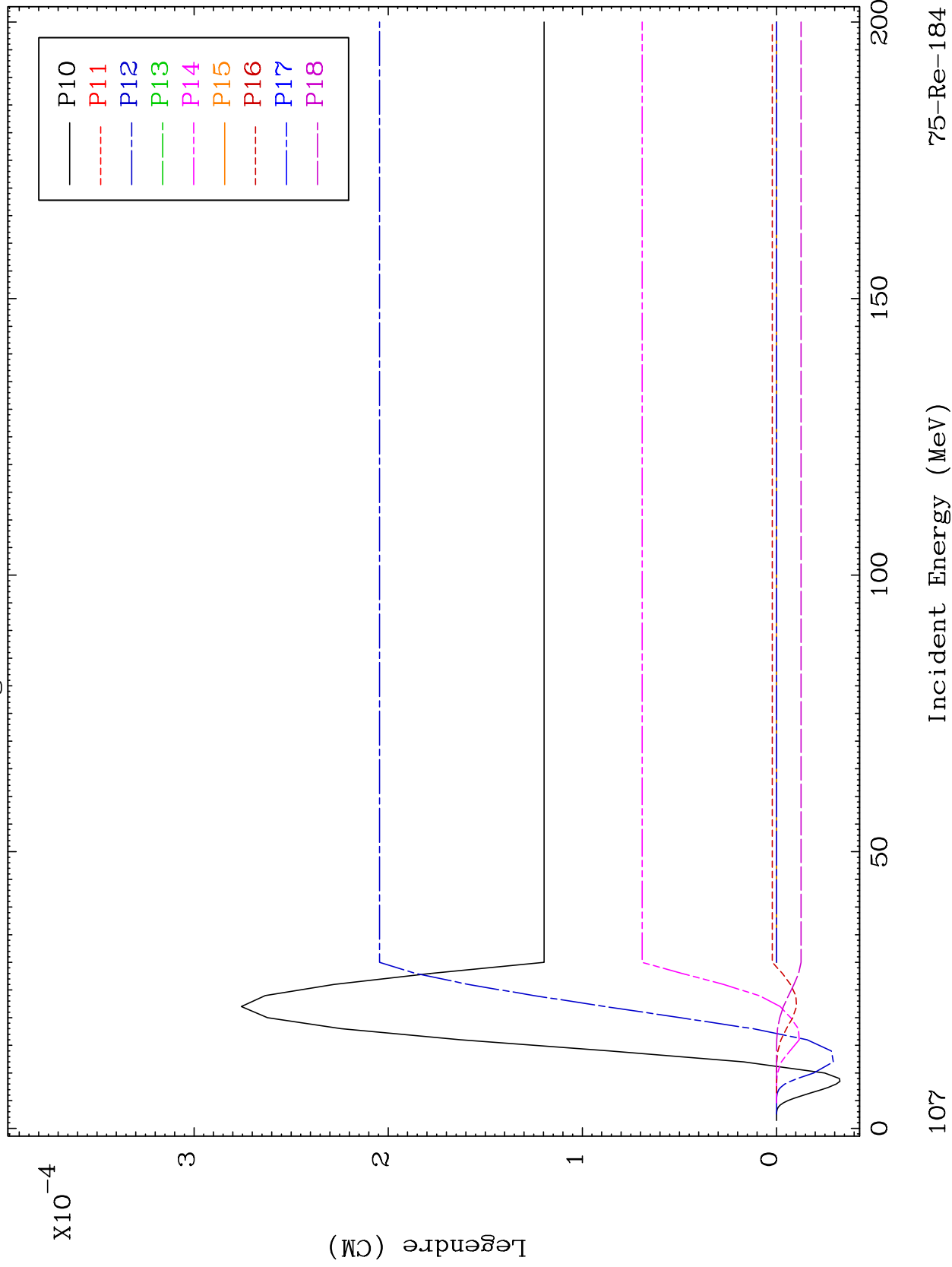
75-Re-184

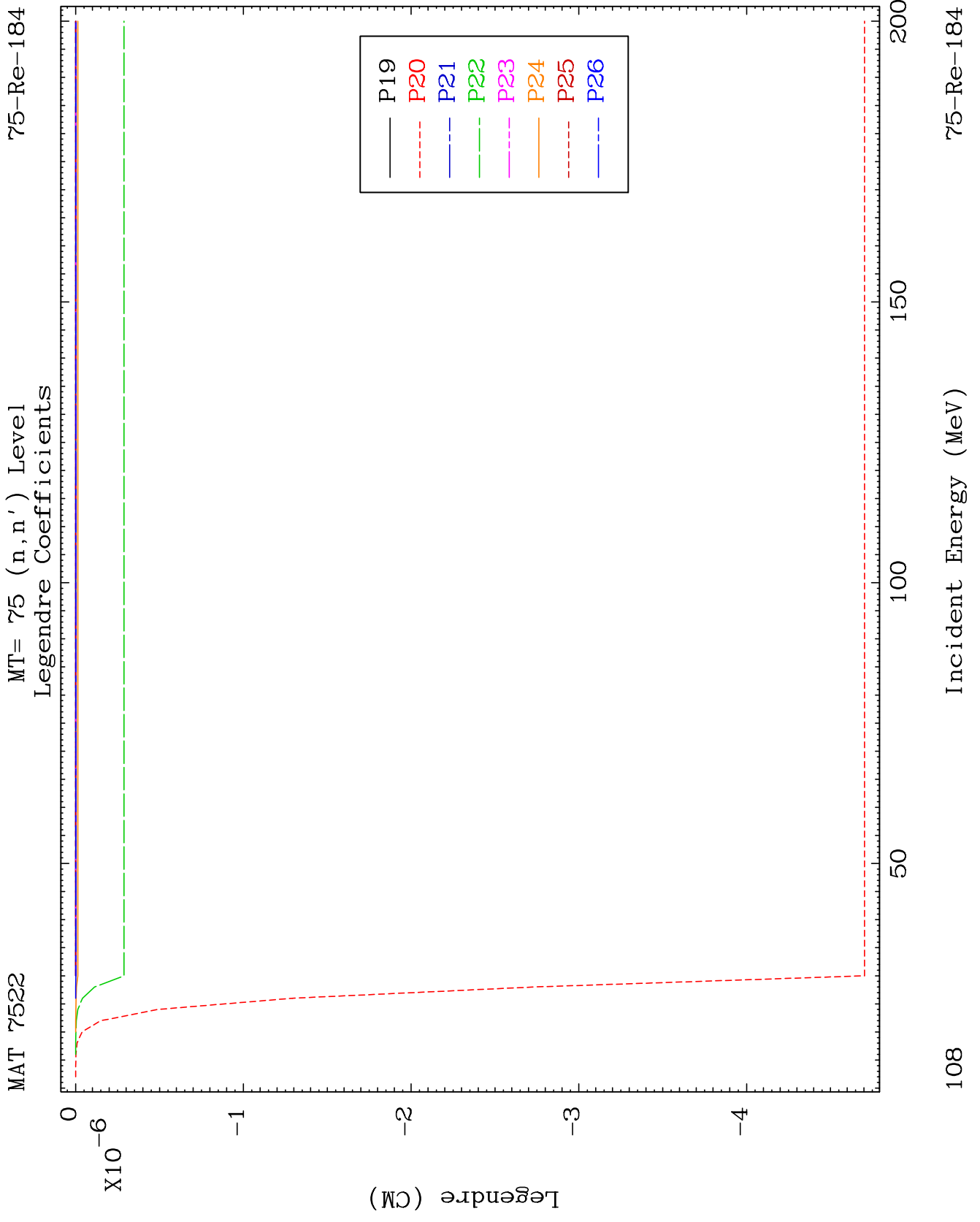


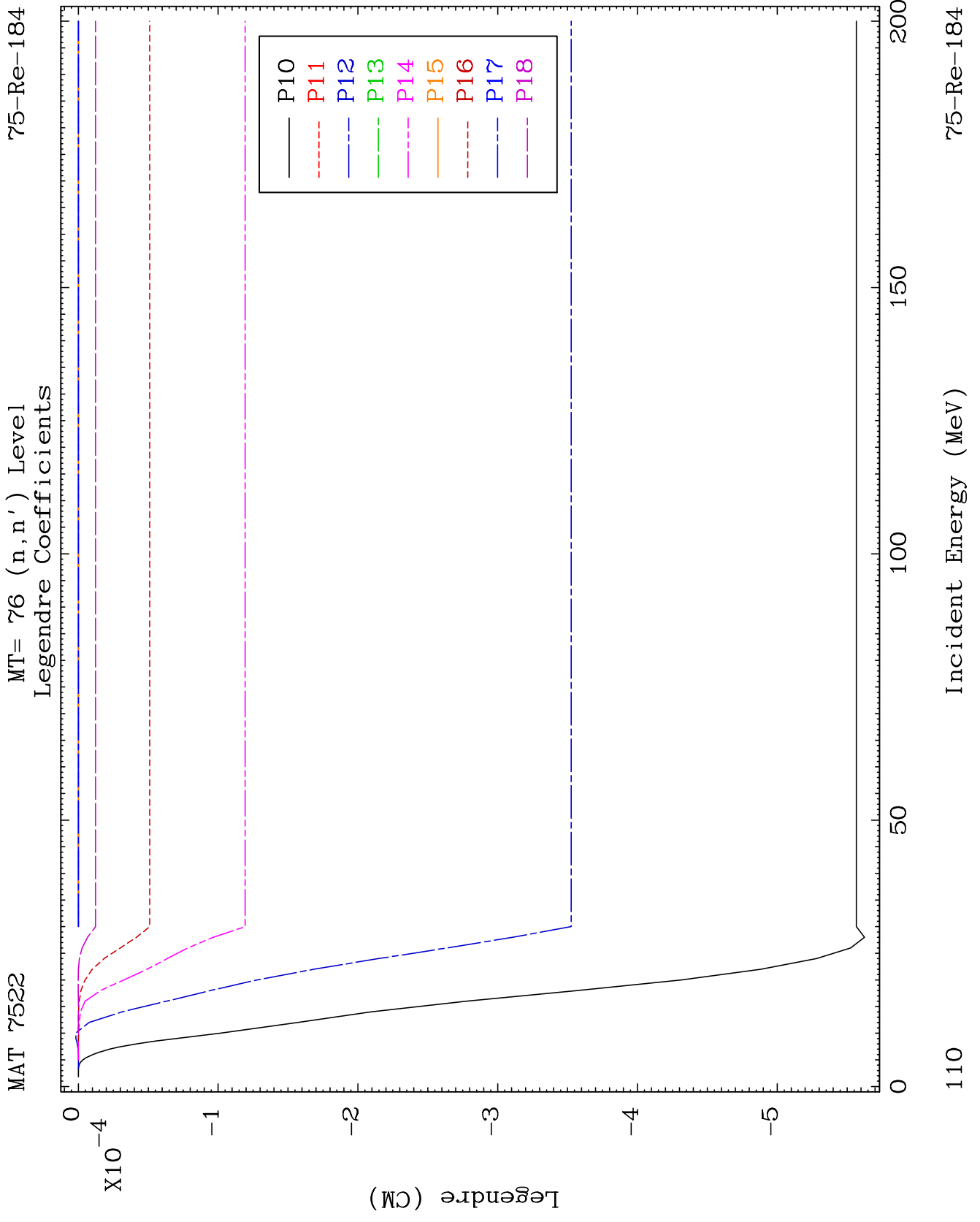
MAT 7522

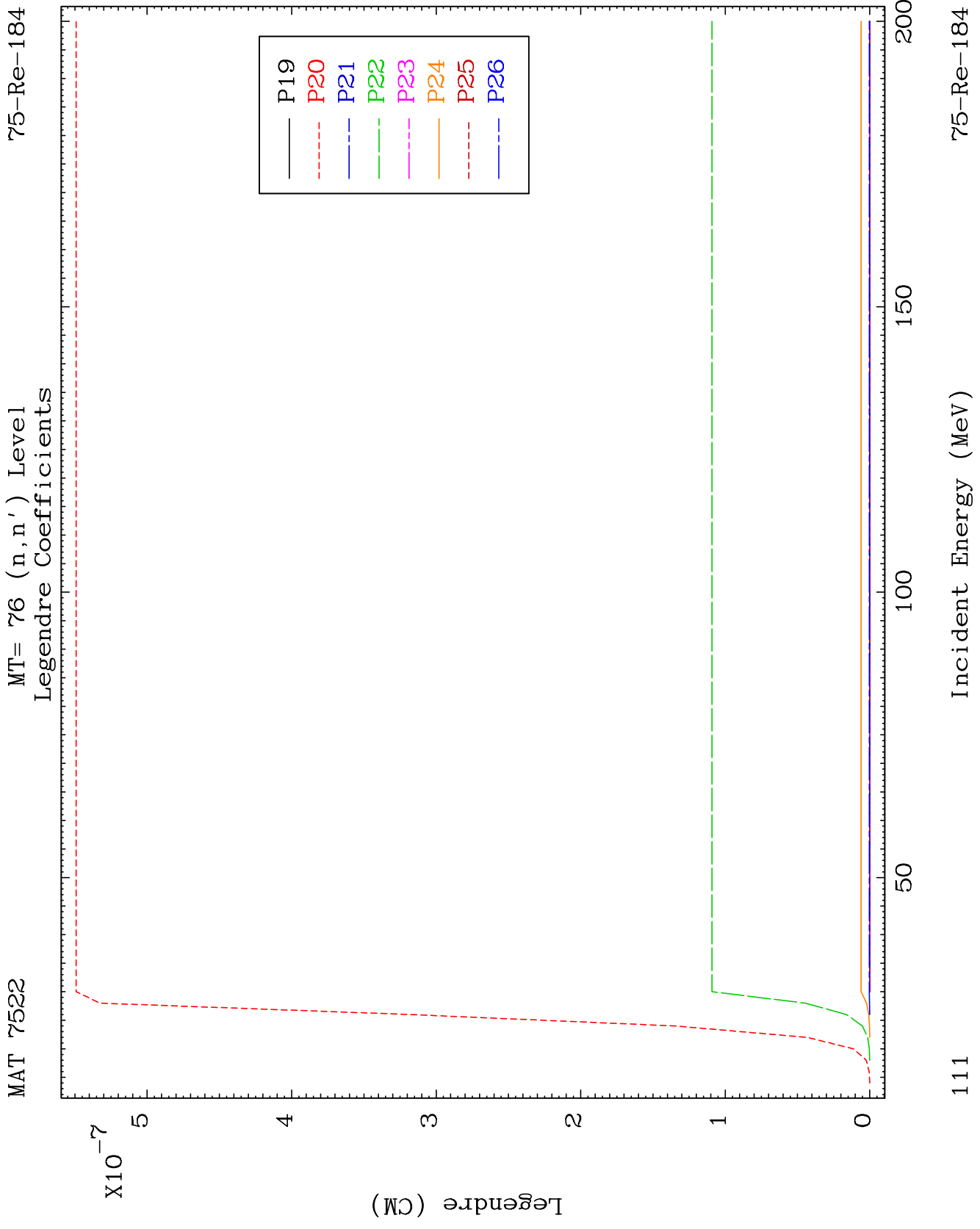
MT= 75 (n,n') Level
Legendre Coefficients

75-Re-184





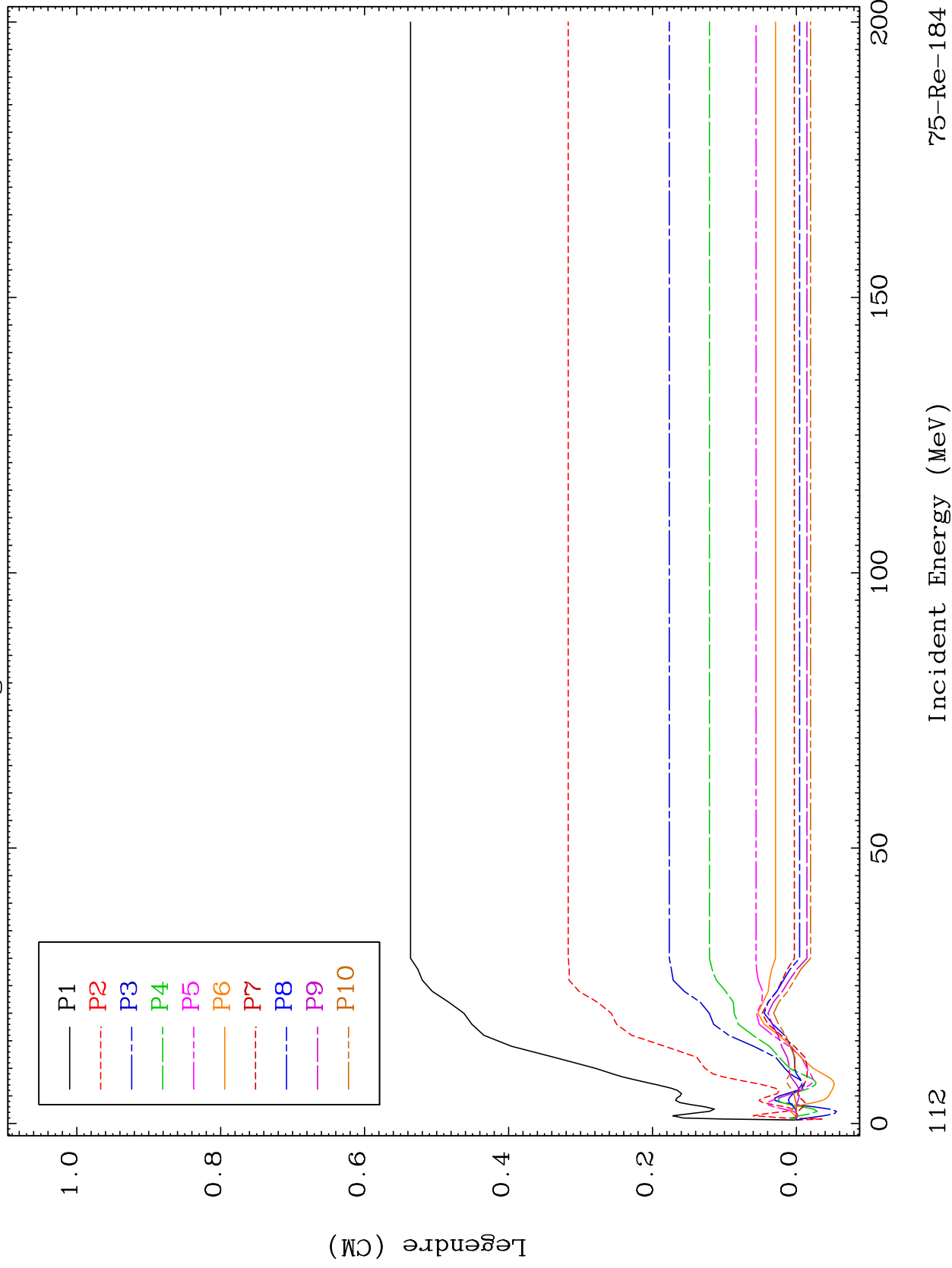


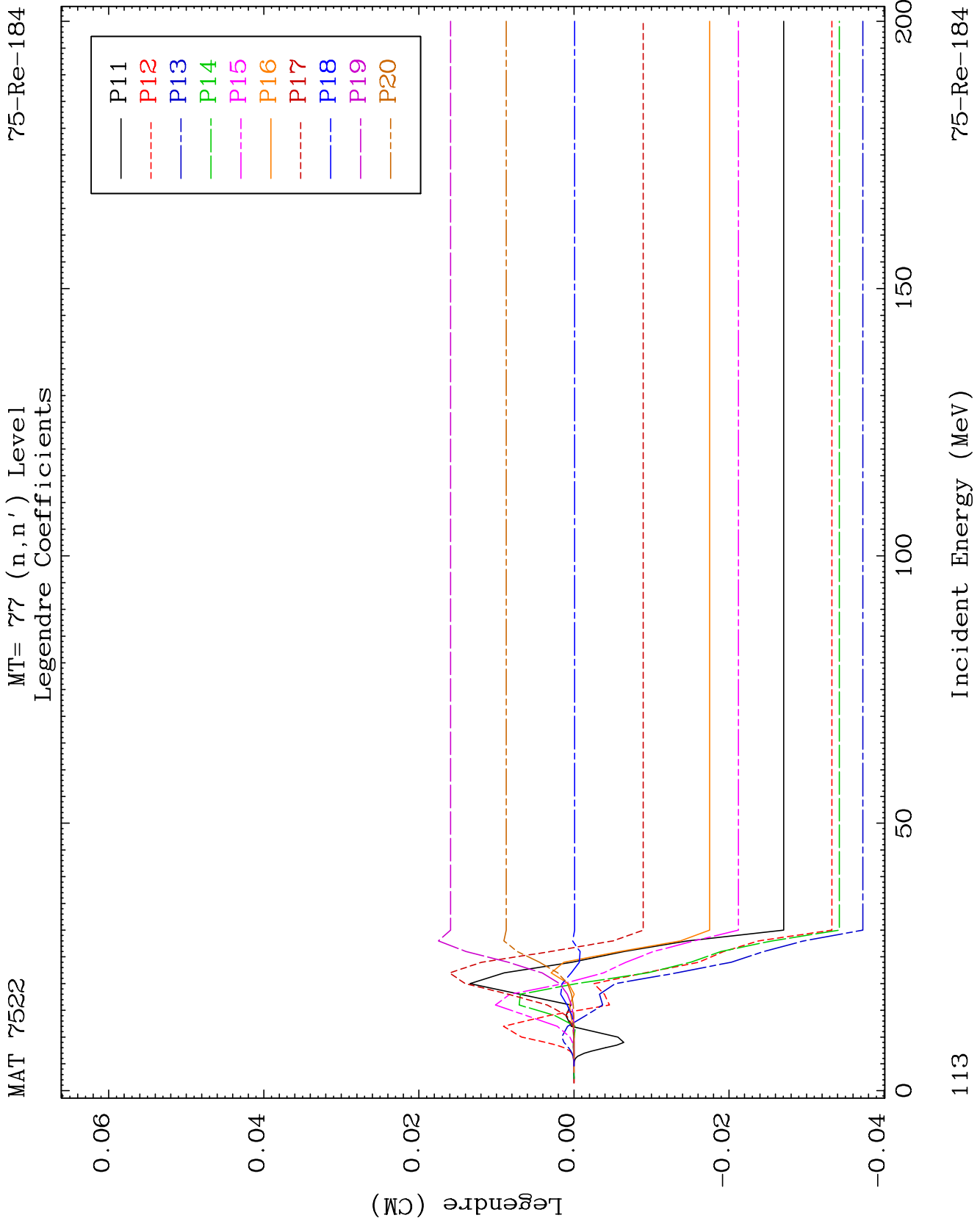


MAT 7522

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

75-Re-184

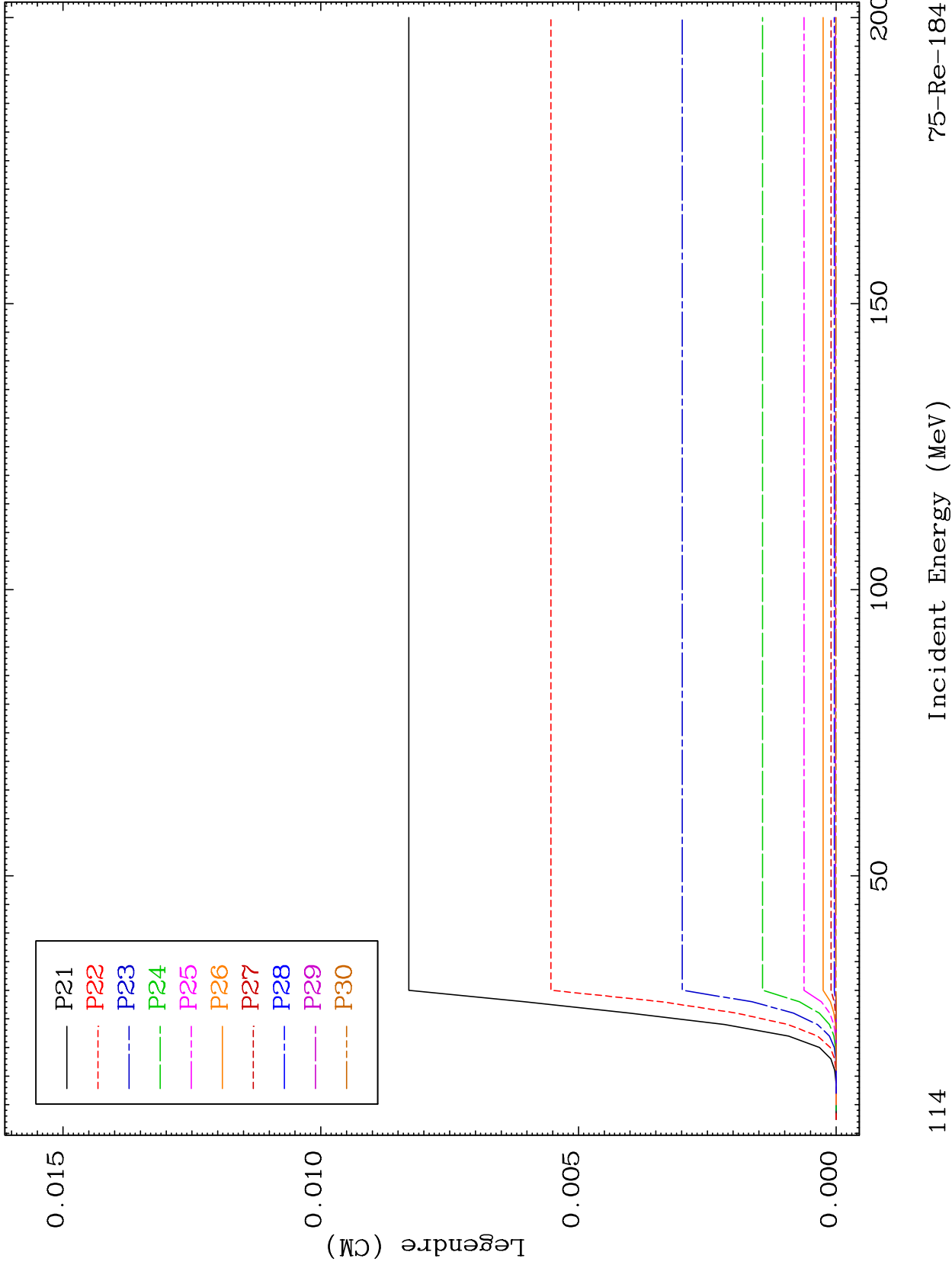




MAT 75222

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

75-Re-184



114

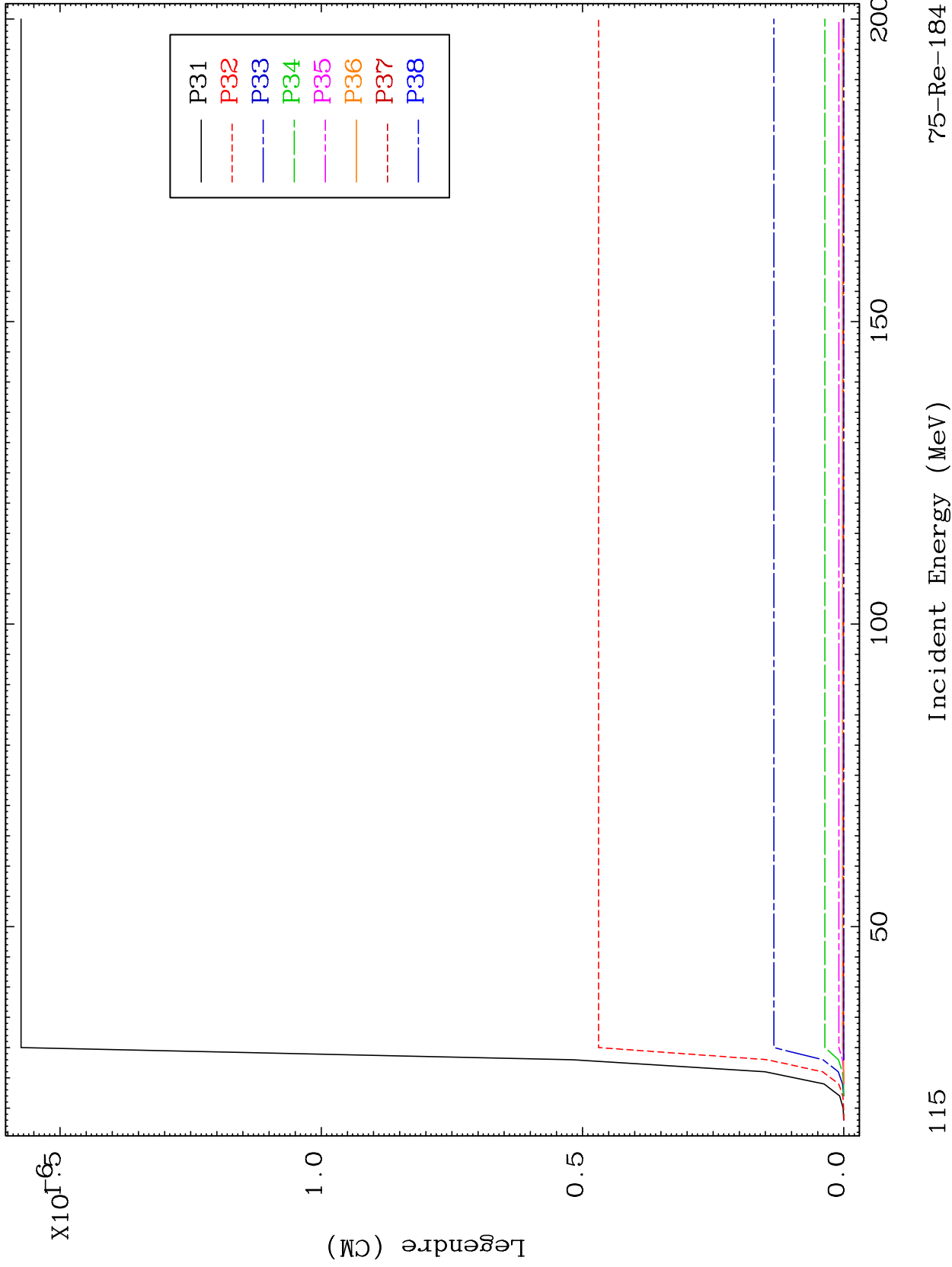
Incident Energy (MeV)

75-Re-184

MAT 7522

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

75-Re-184



115

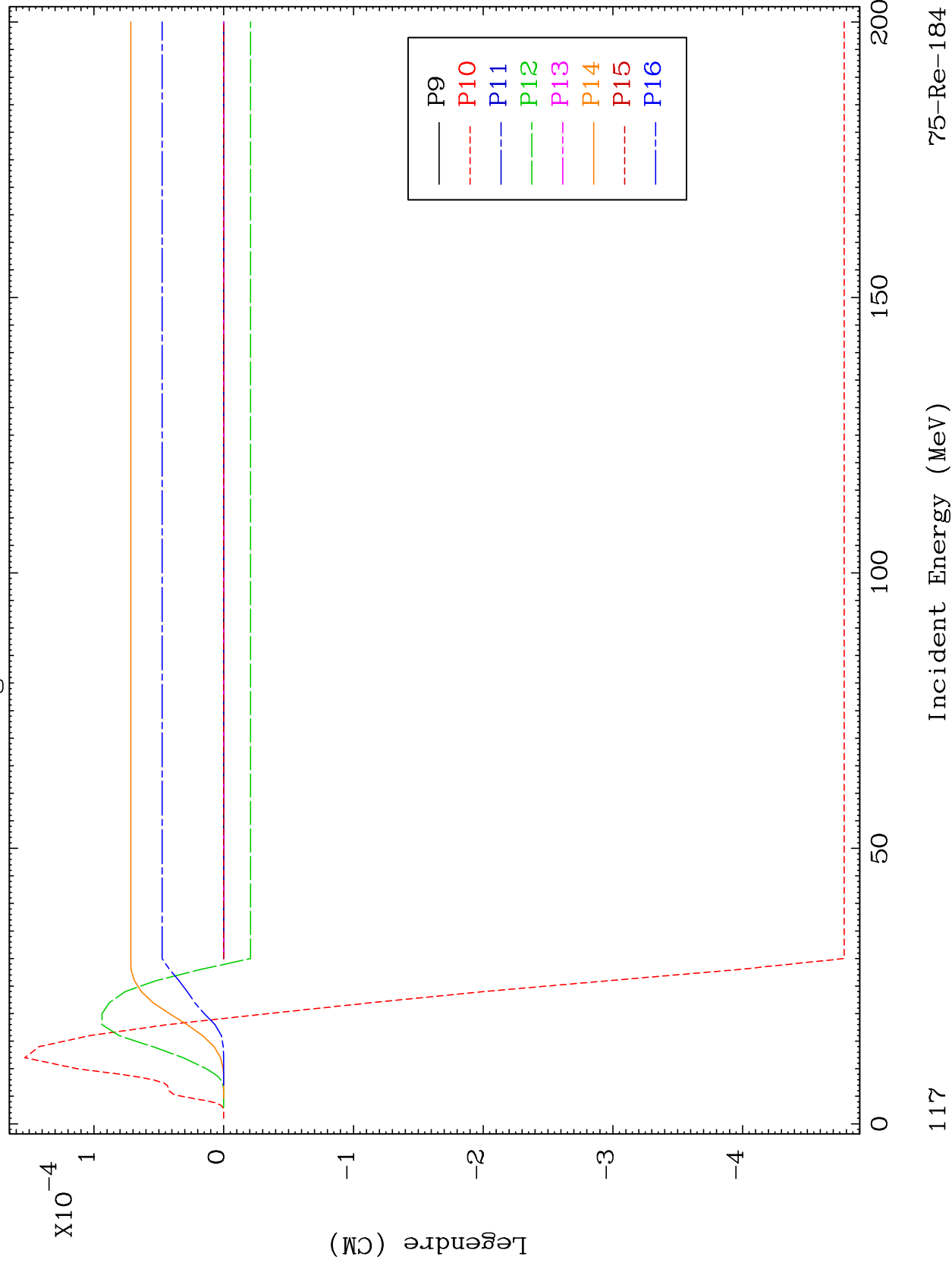
Incident Energy (MeV)

75-Re-184

MAT 7522

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

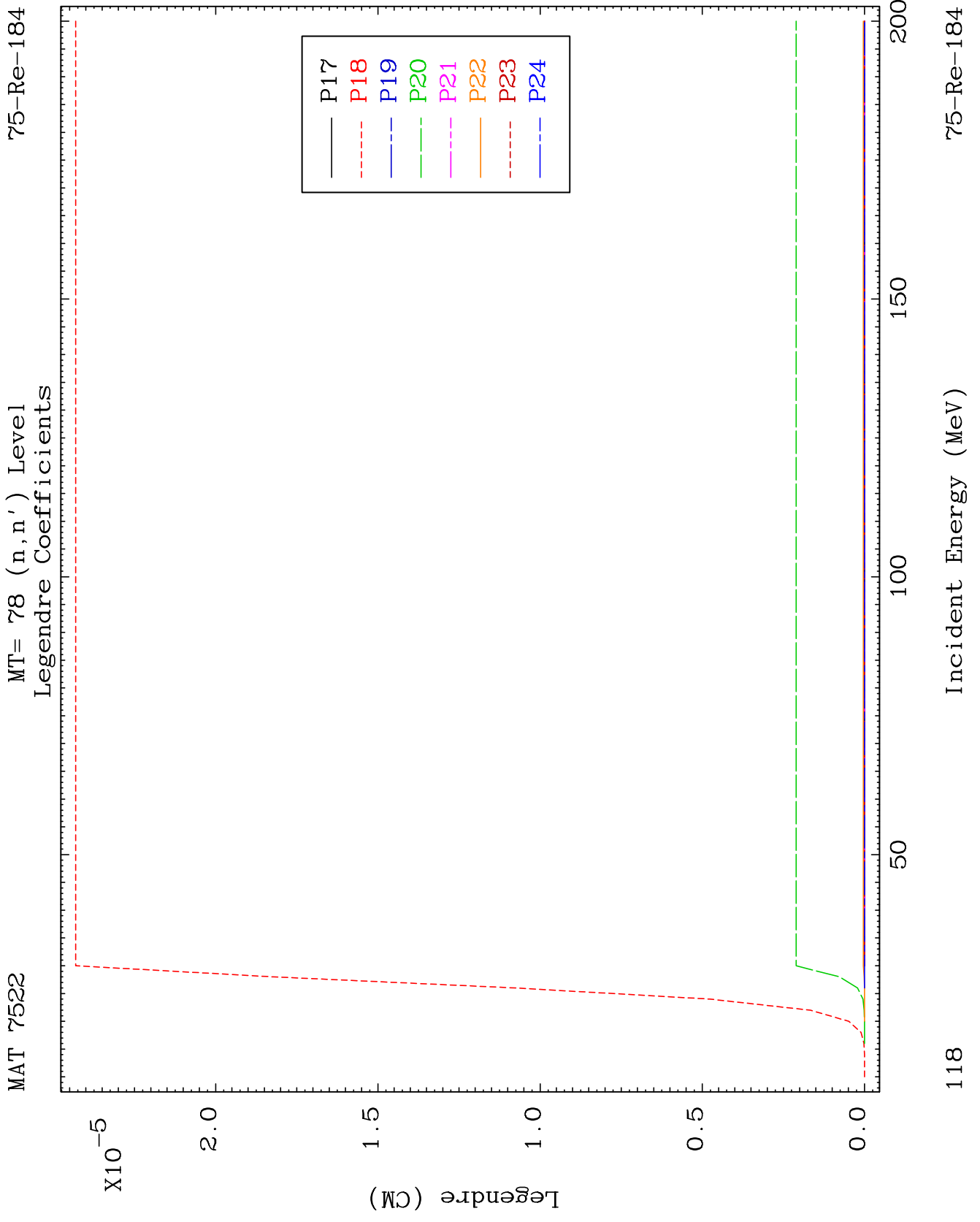
75-Re-184

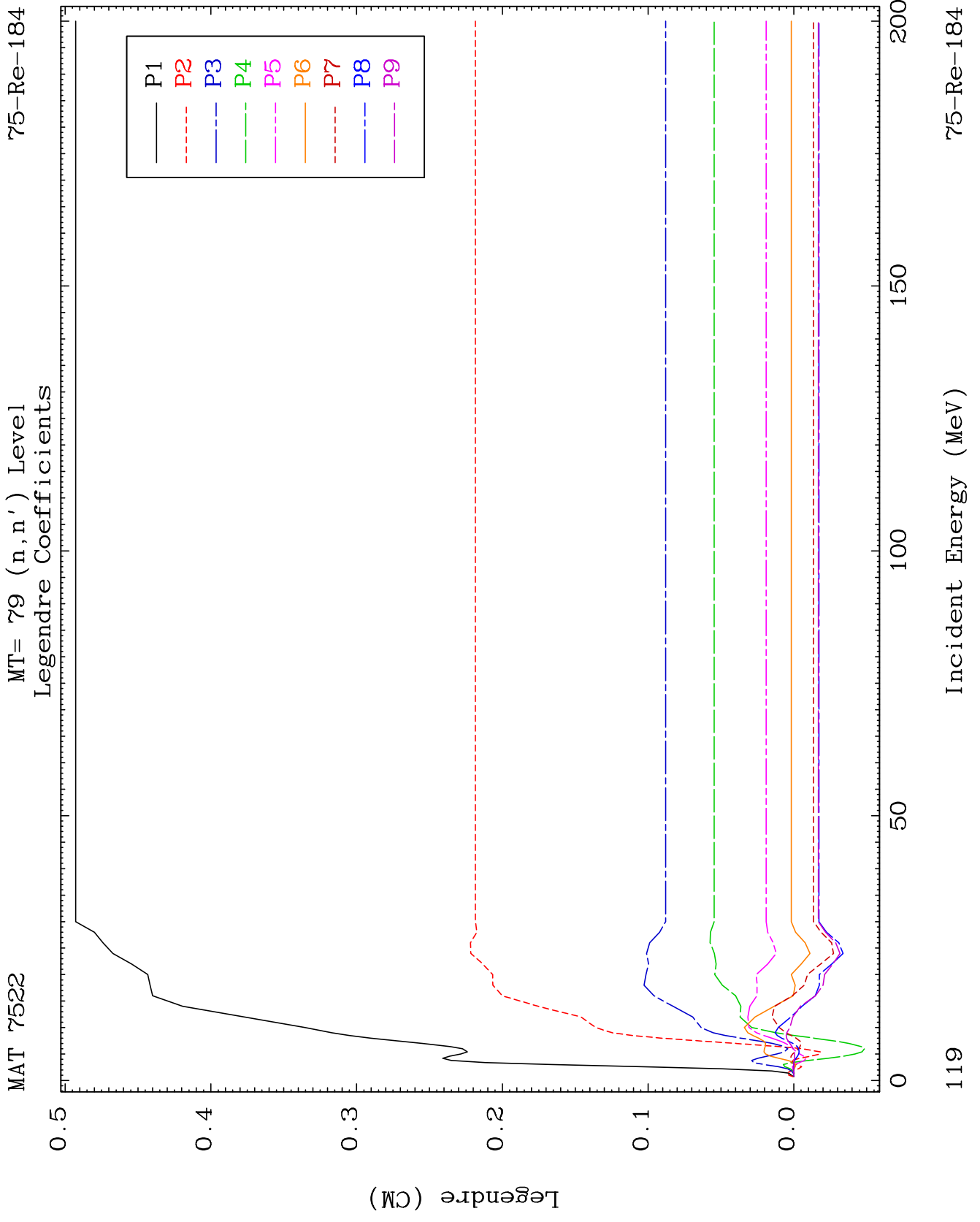


117

Incident Energy (MeV)

75-Re-184

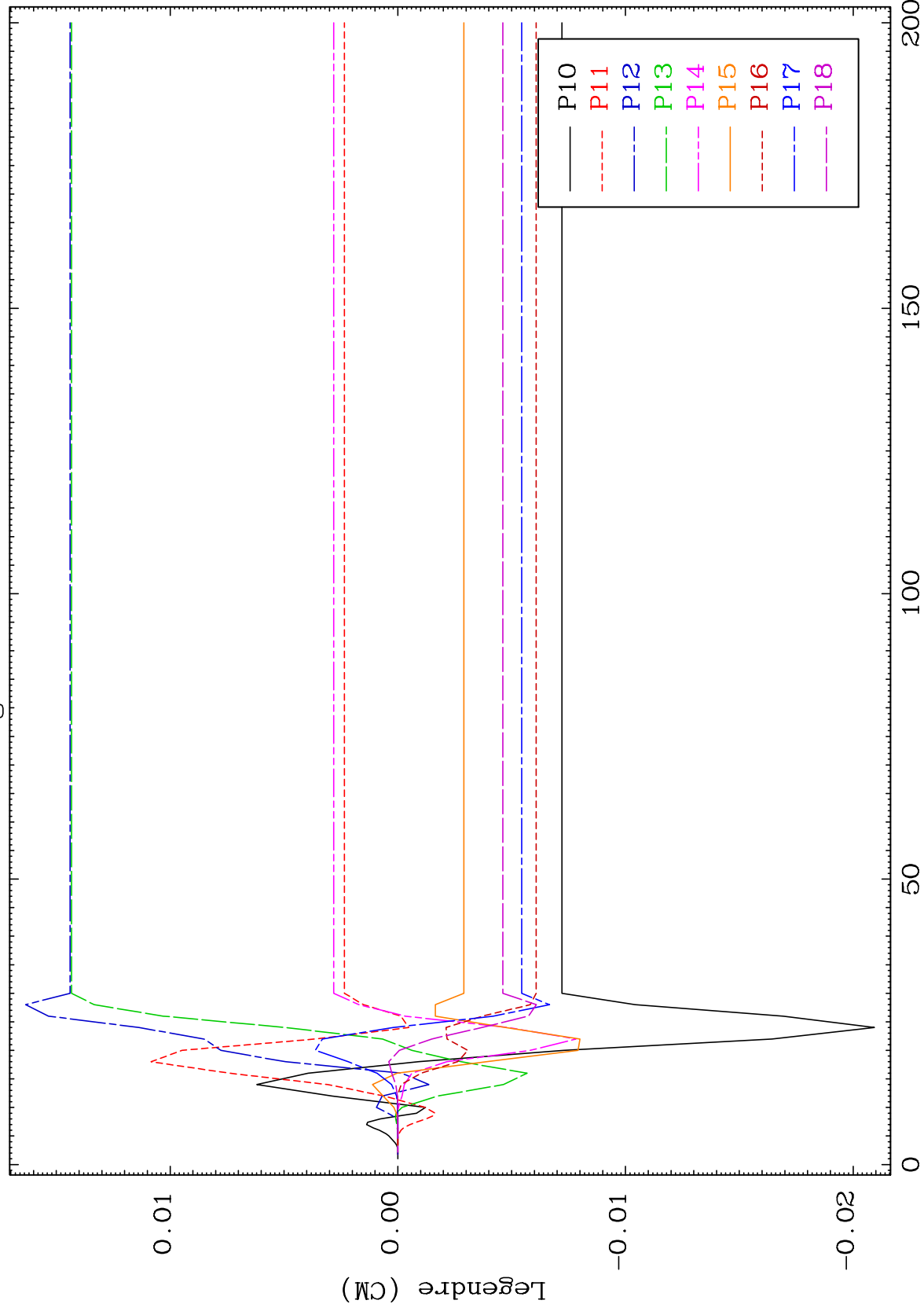




MAT 7522

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

75-Re-184



0

50

100

150

200

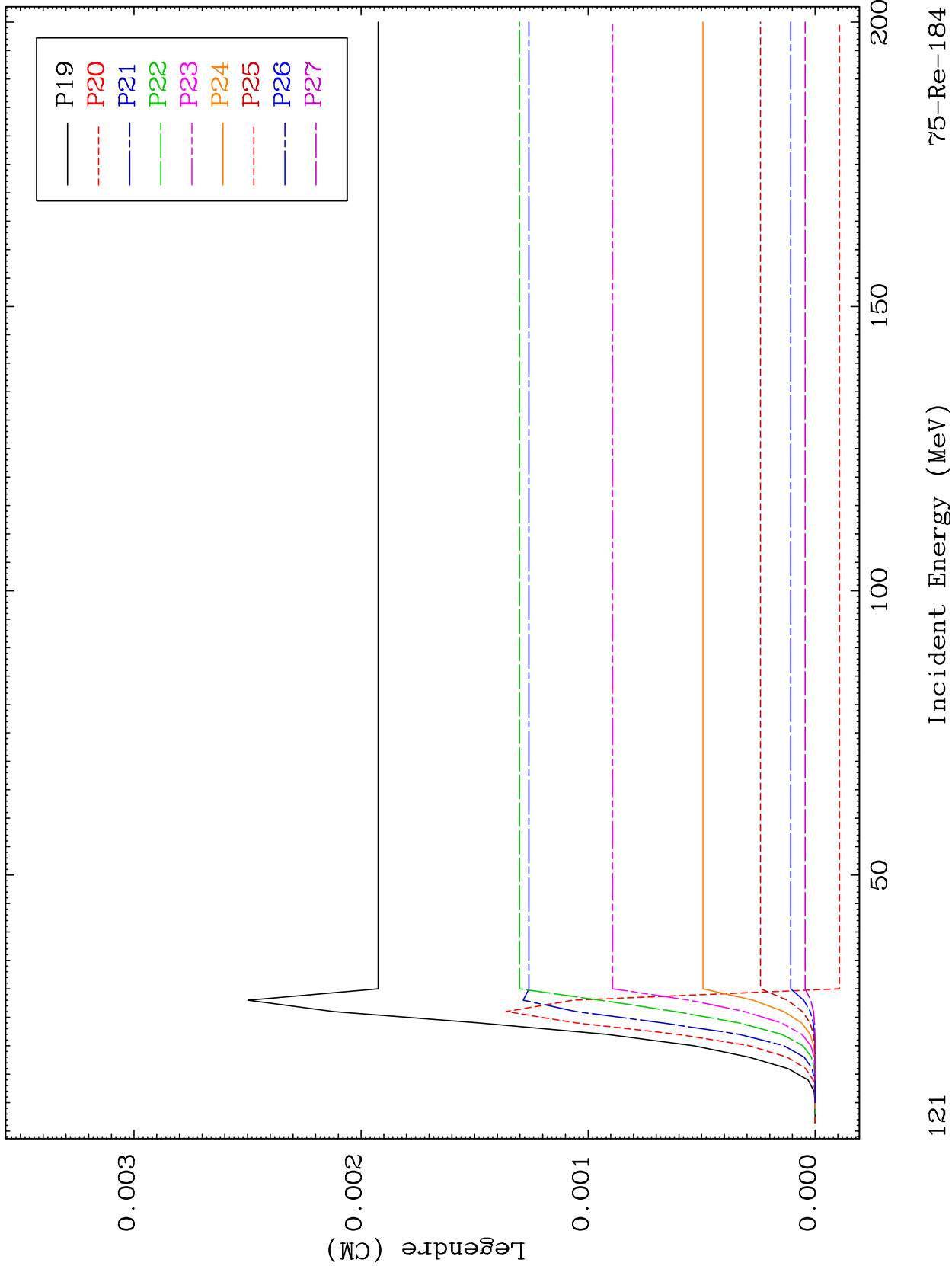
Incident Energy (MeV)

75-Re-184

MAT 7522

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

75-Re-184



121

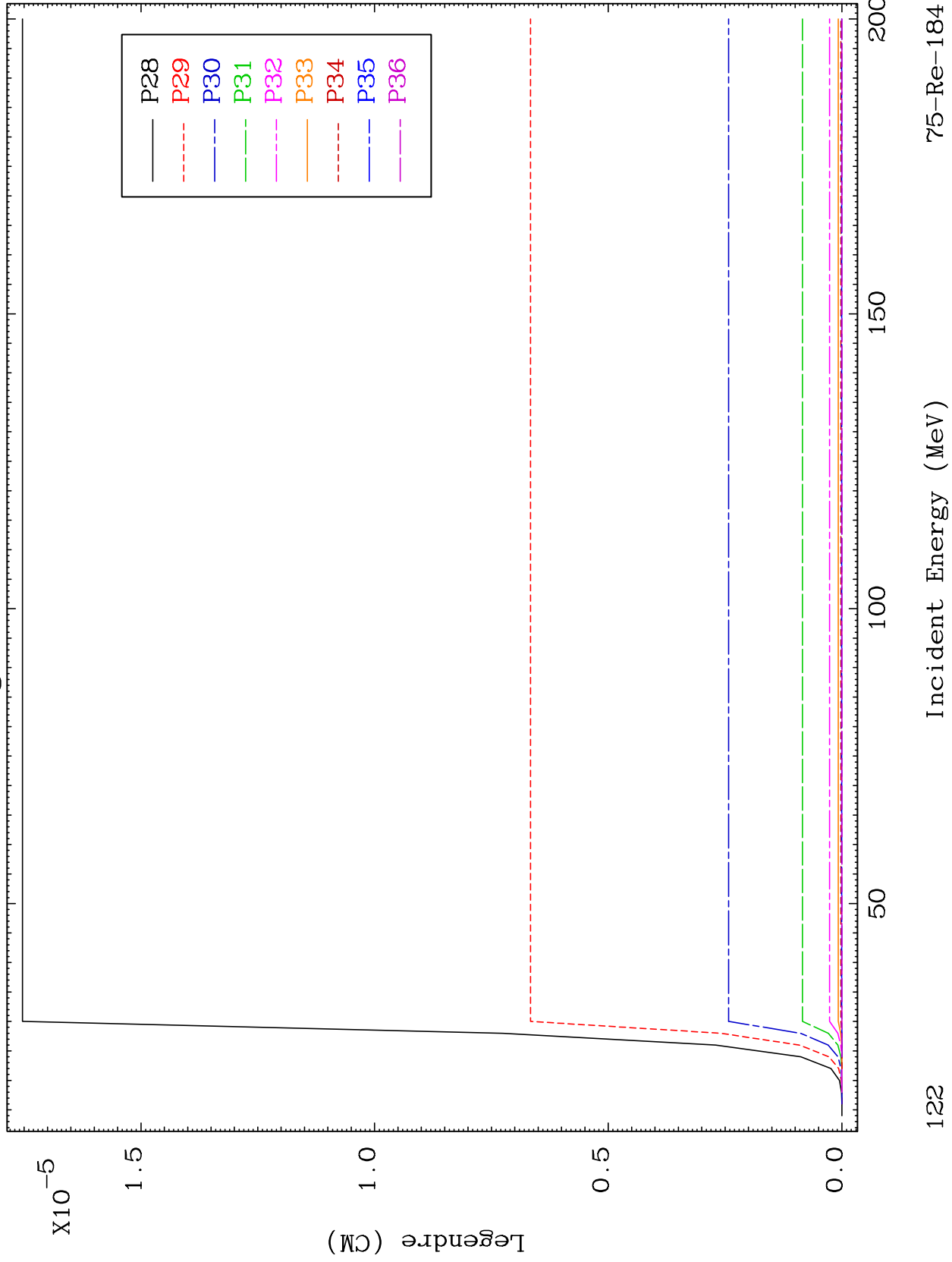
Incident Energy (MeV)

75-Re-184

MAT 7522

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

75-Re-184

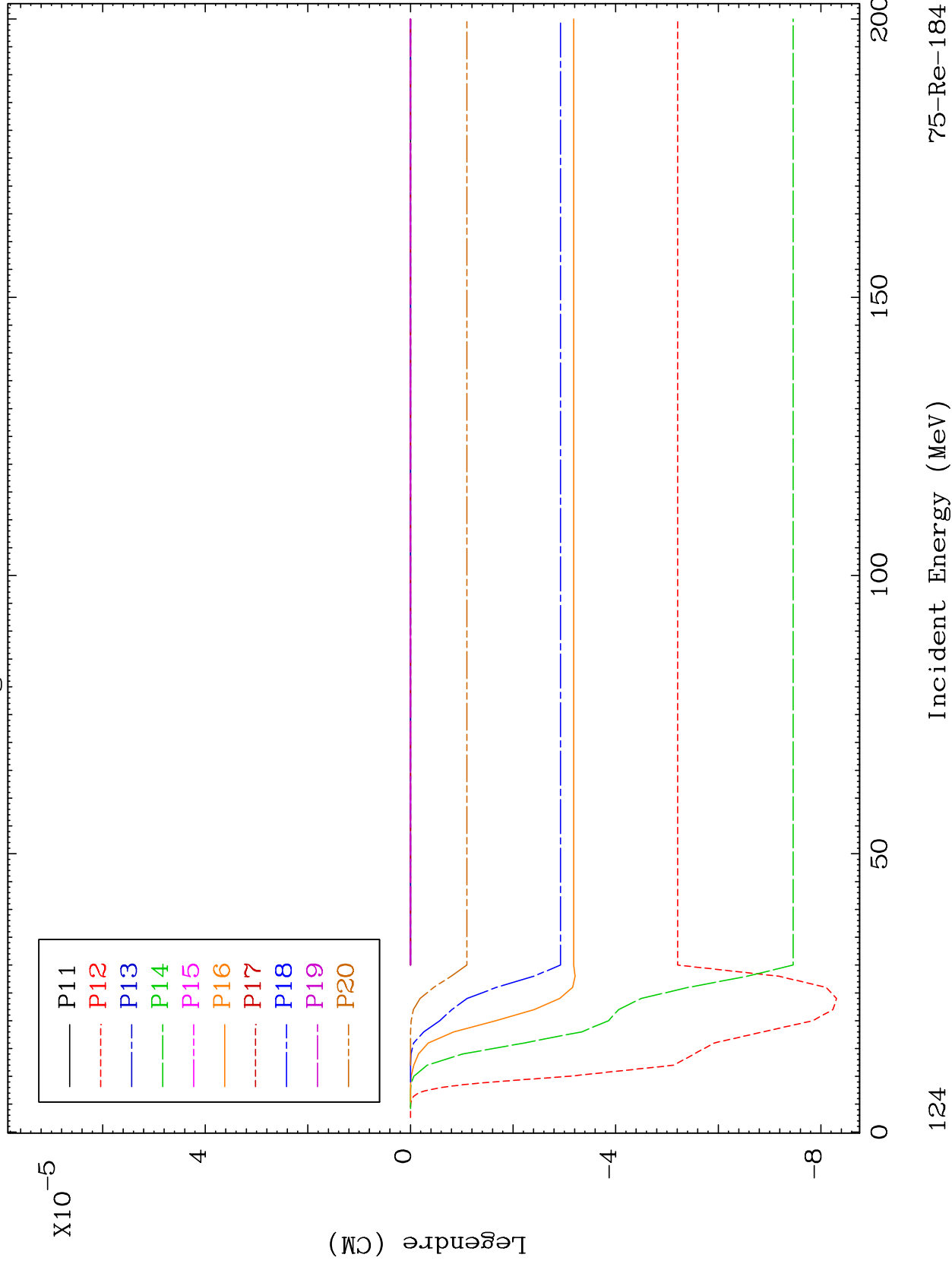


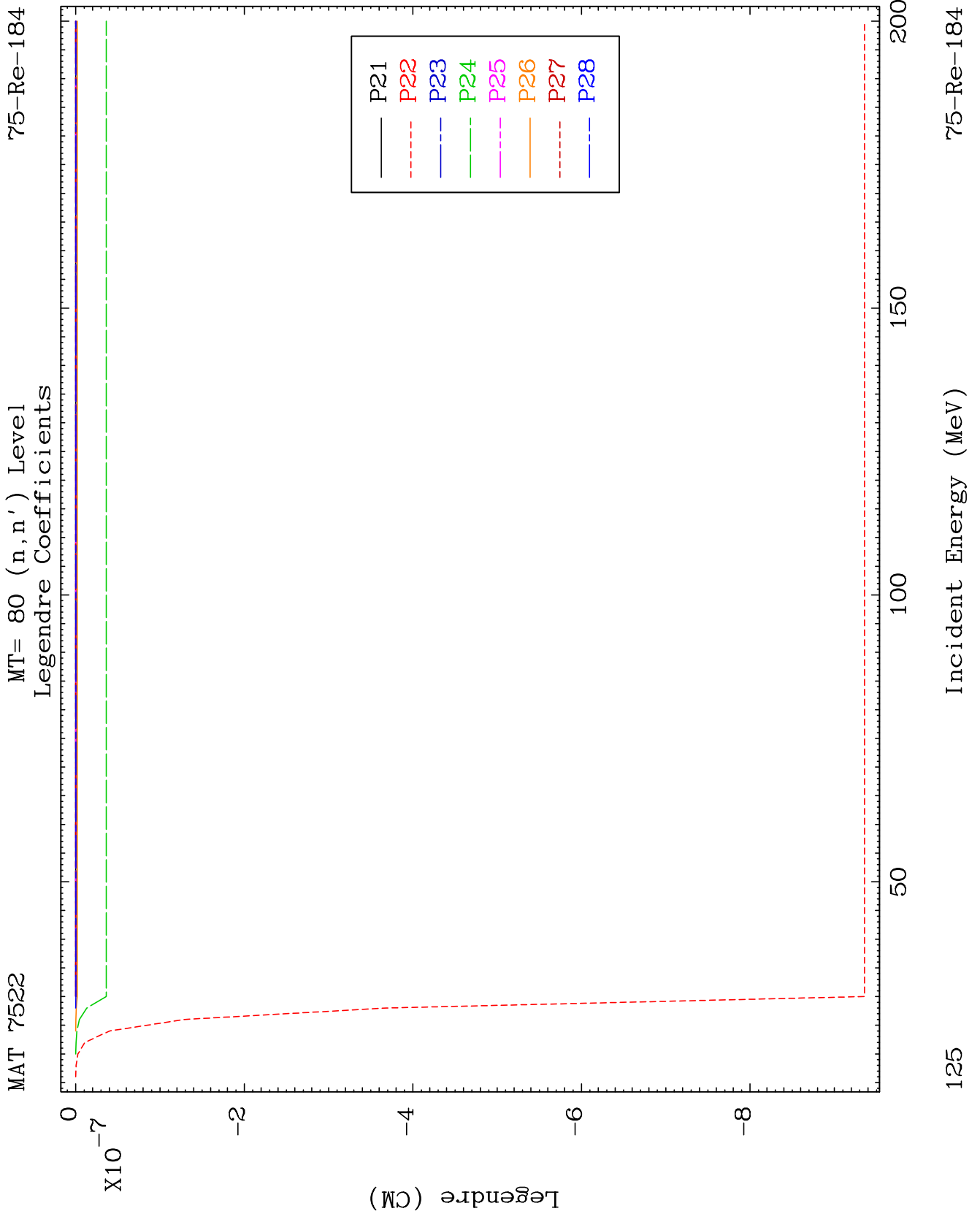
122

MAT 7522

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

75-Re-184

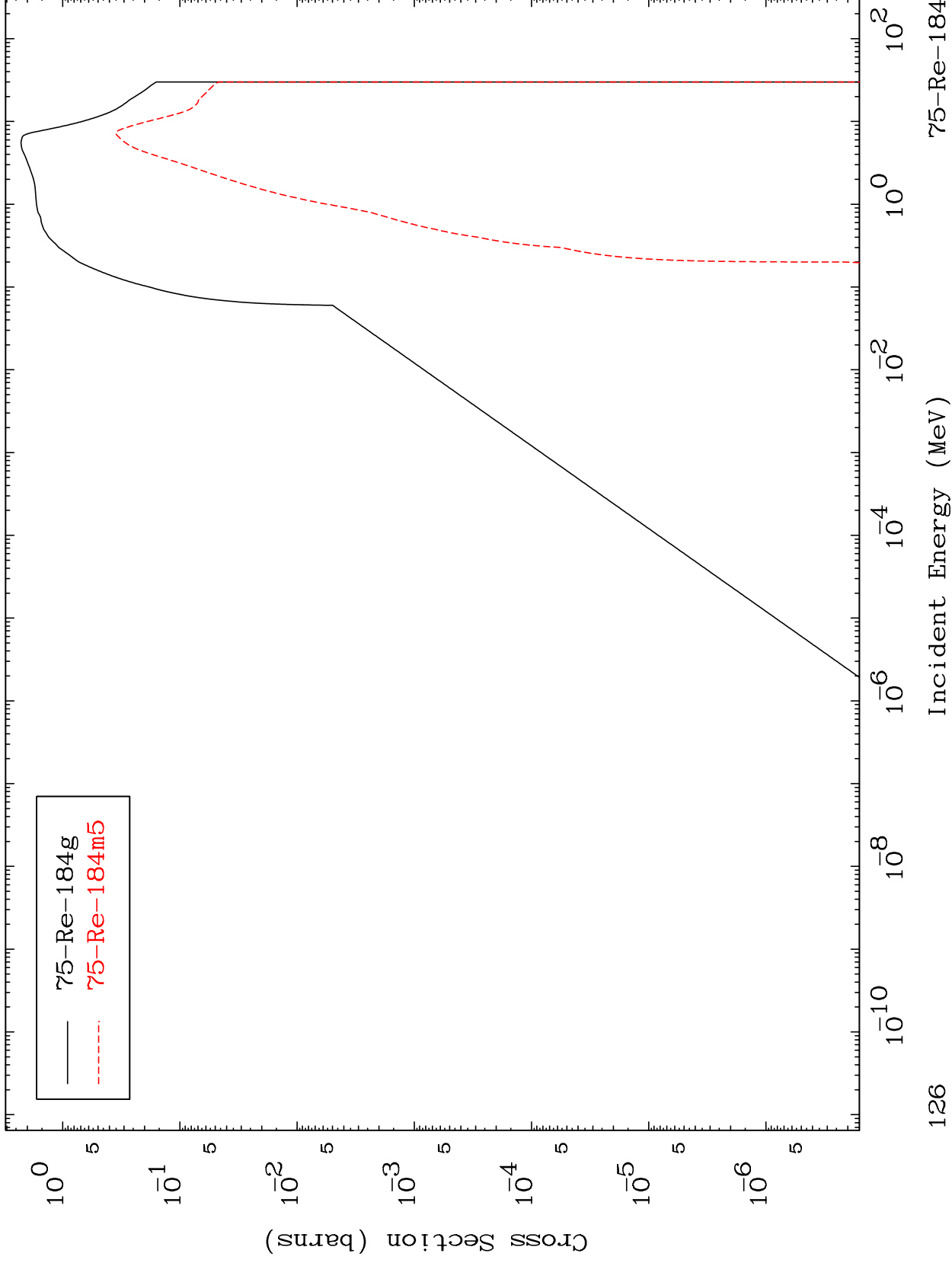


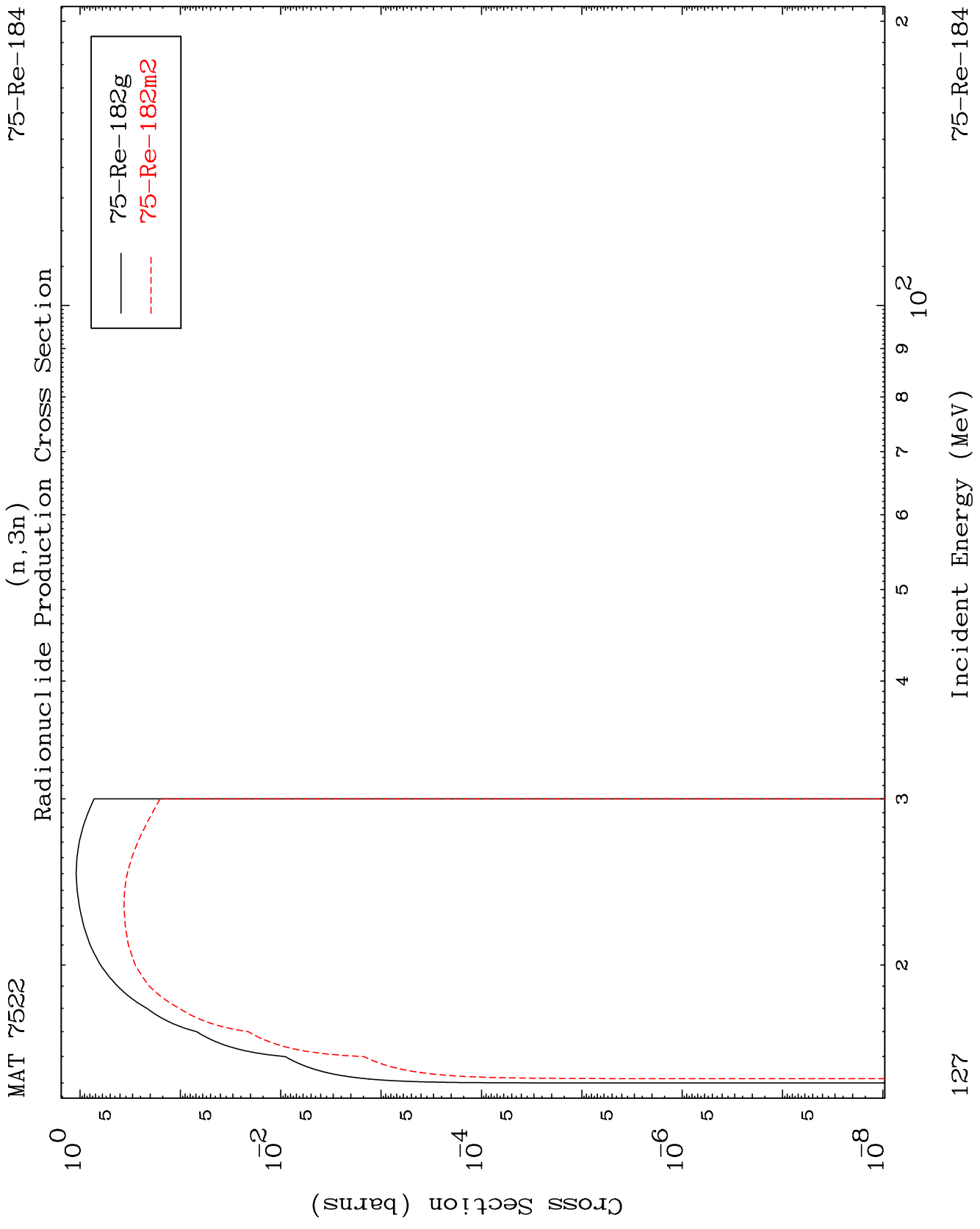


MAT 7522

Inelastic
Radionuclide Production Cross Section

⁷⁵Re-¹⁸⁴



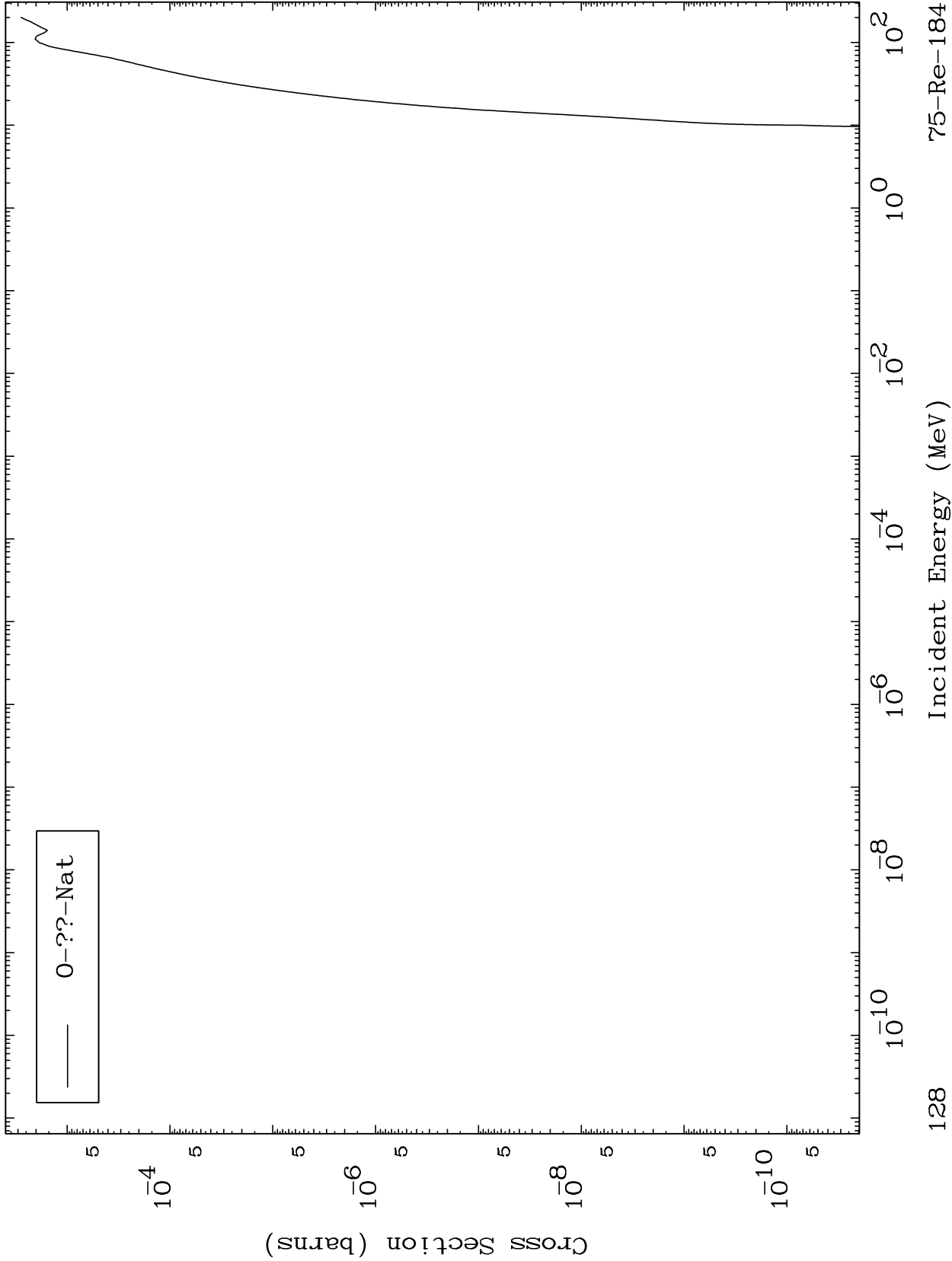


MAT 7522

Fission

⁷⁵Re-184

Radionuclide Production Cross Section

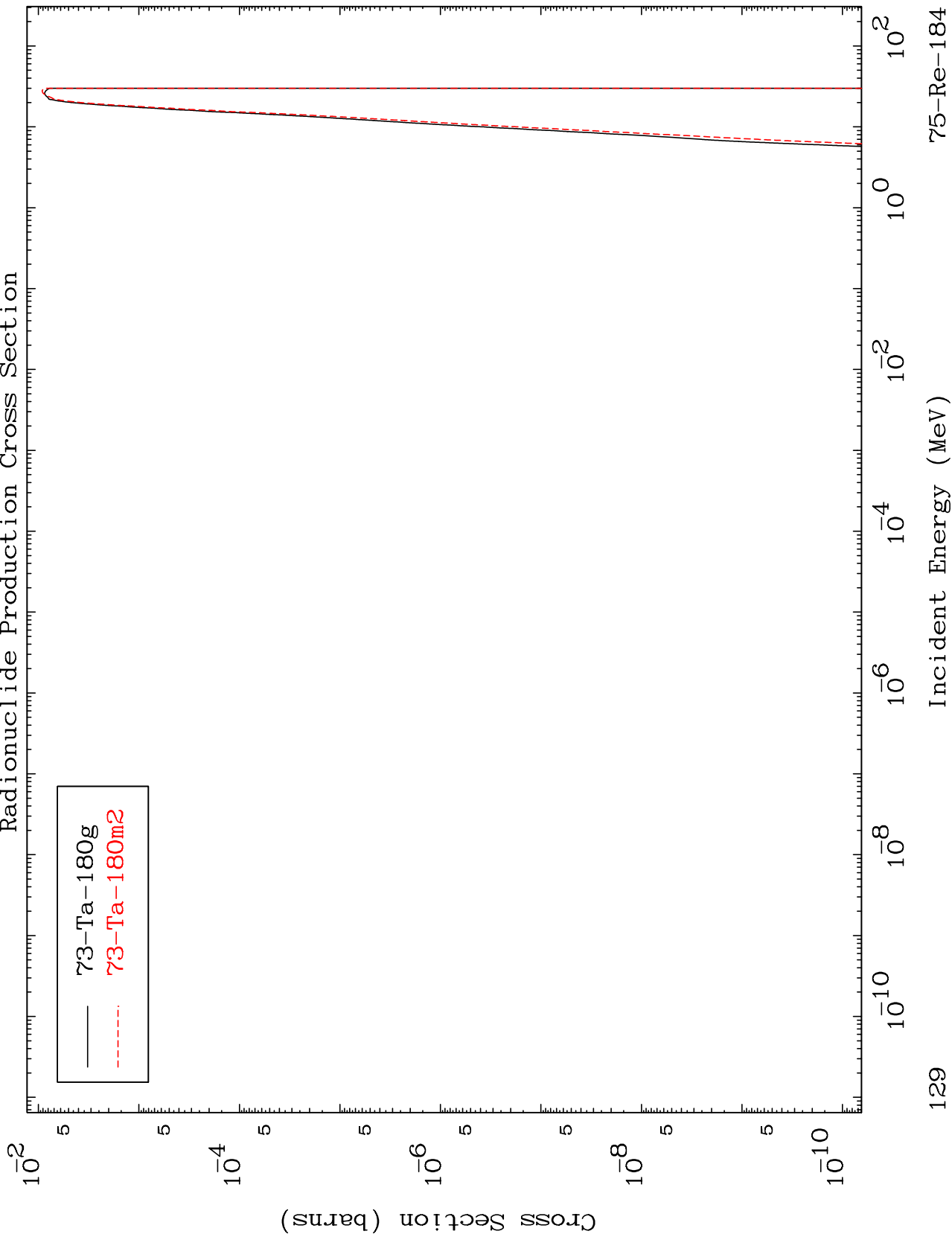


MAT 7522

$(n, n') \alpha$

⁷⁵Re-184

Radionuclide Production Cross Section

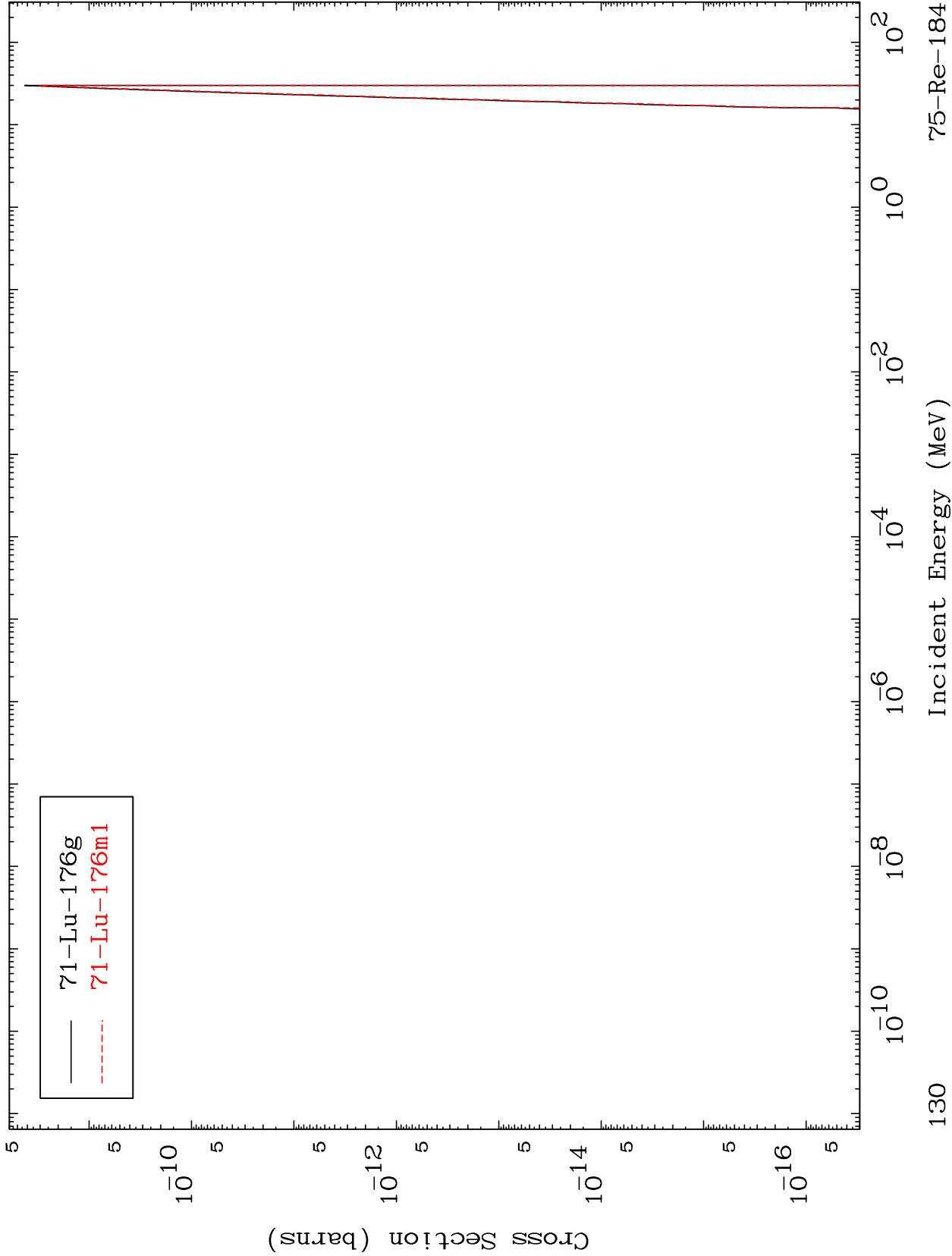


MAT 7522

(n,n') 2 α

75-Re-184

Radionuclide Production Cross Section



130

Incident Energy (MeV)

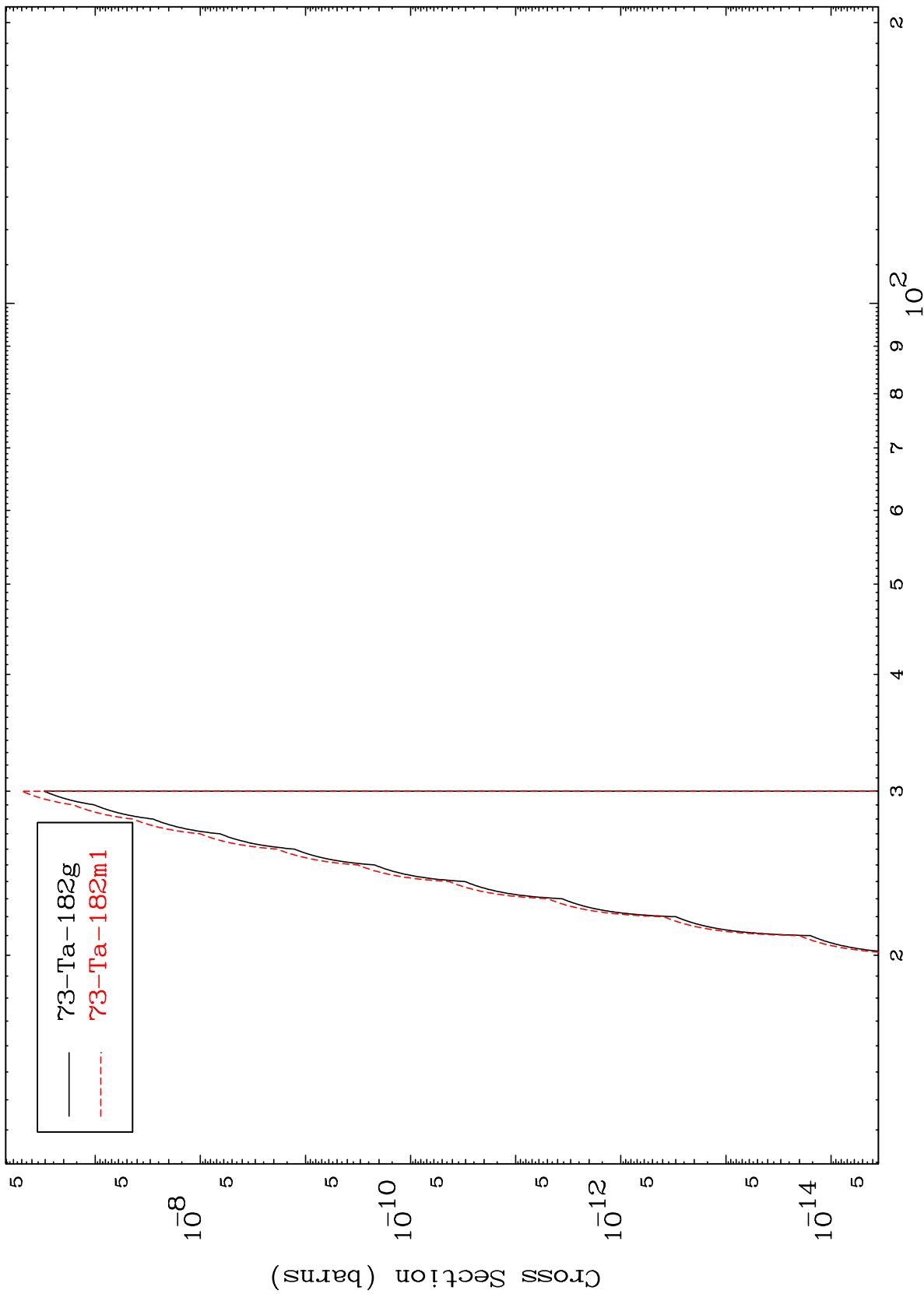
75-Re-184

MAT 7522

(n,2n) p

75-Re-184

Radionuclide Production Cross Section



73-Ta-182g
73-Ta-182m1

131

Incident Energy (MeV)

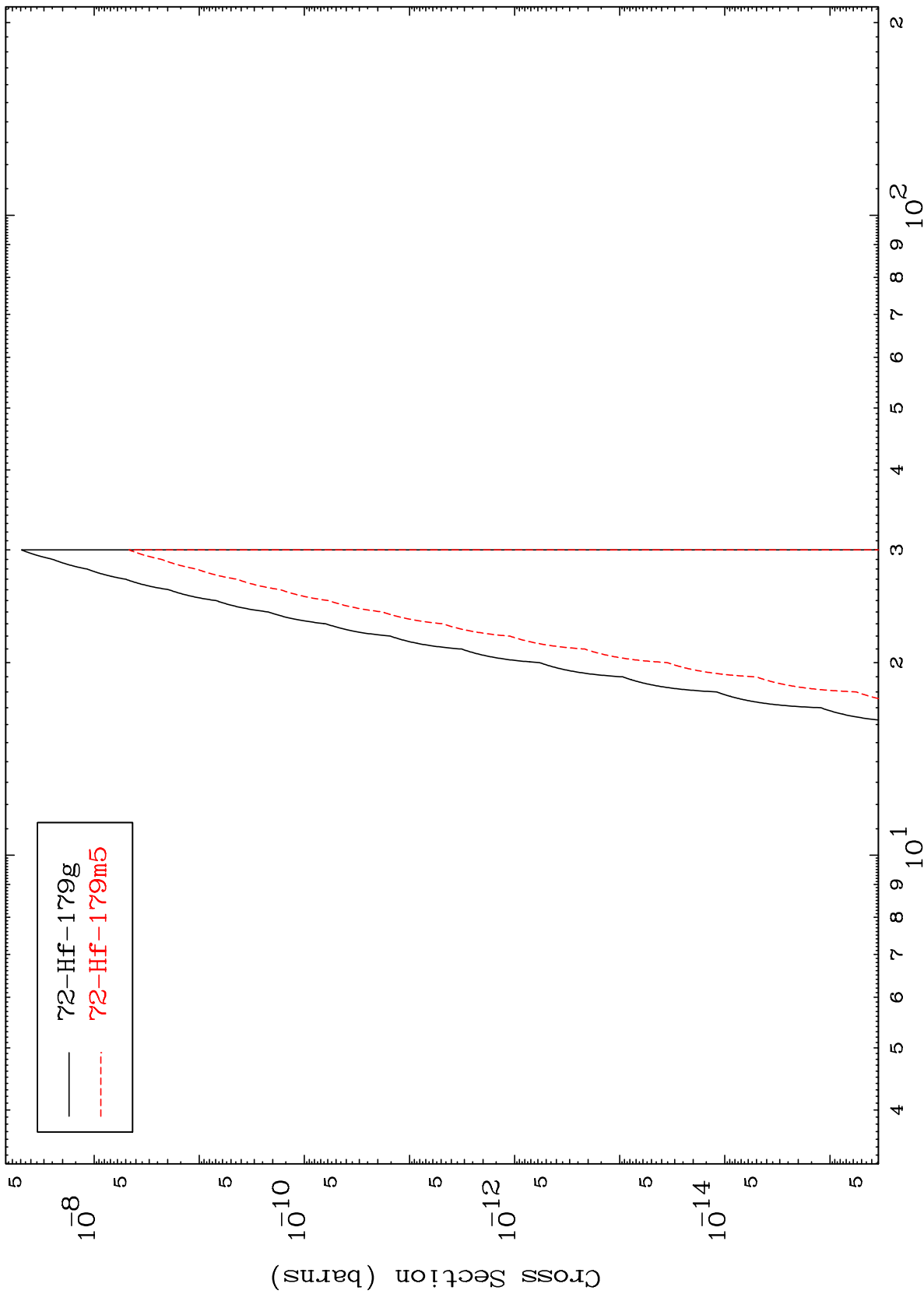
75-Re-184

MAT 7522

(n,n') p α

75-Re-184

Radionuclide Production Cross Section



132

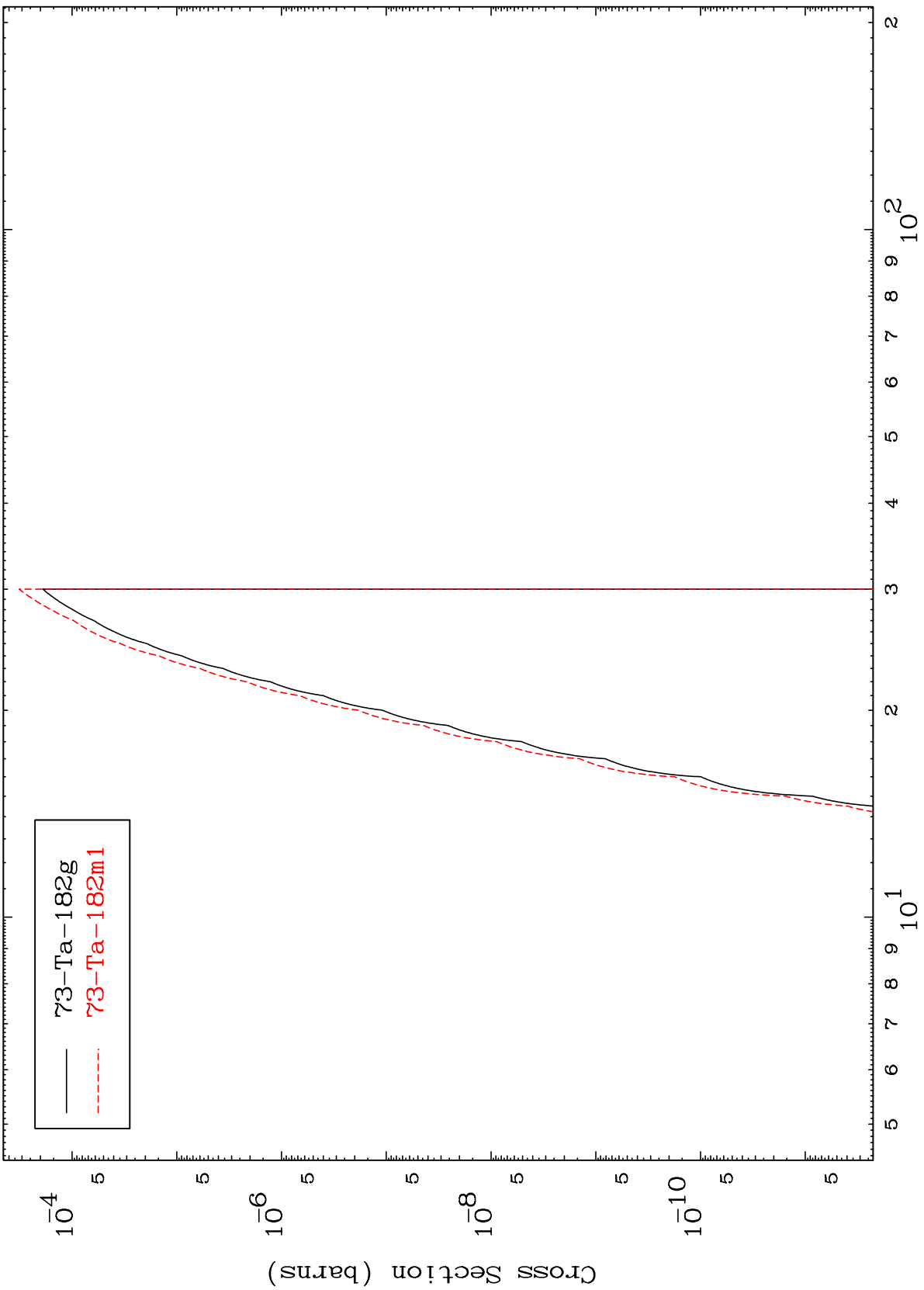
Incident Energy (MeV)

75-Re-184

MAT 7522

75-Re-184

Radionuclide Production Cross Section
(n,He-3)



133

Incident Energy (MeV)

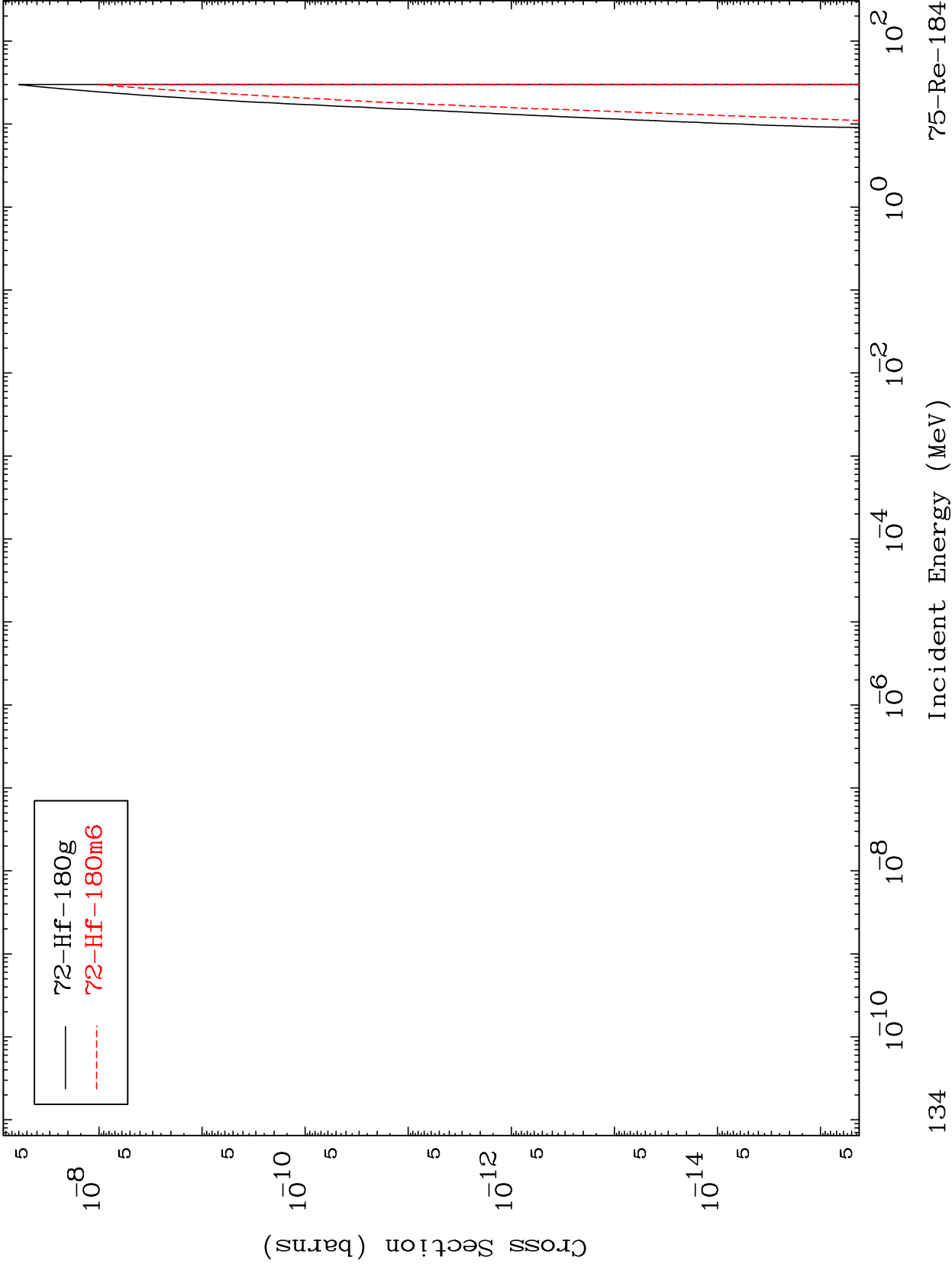
75-Re-184

MAT 7522

(n,p) α

⁷⁵Re-184

Radionuclide Production Cross Section

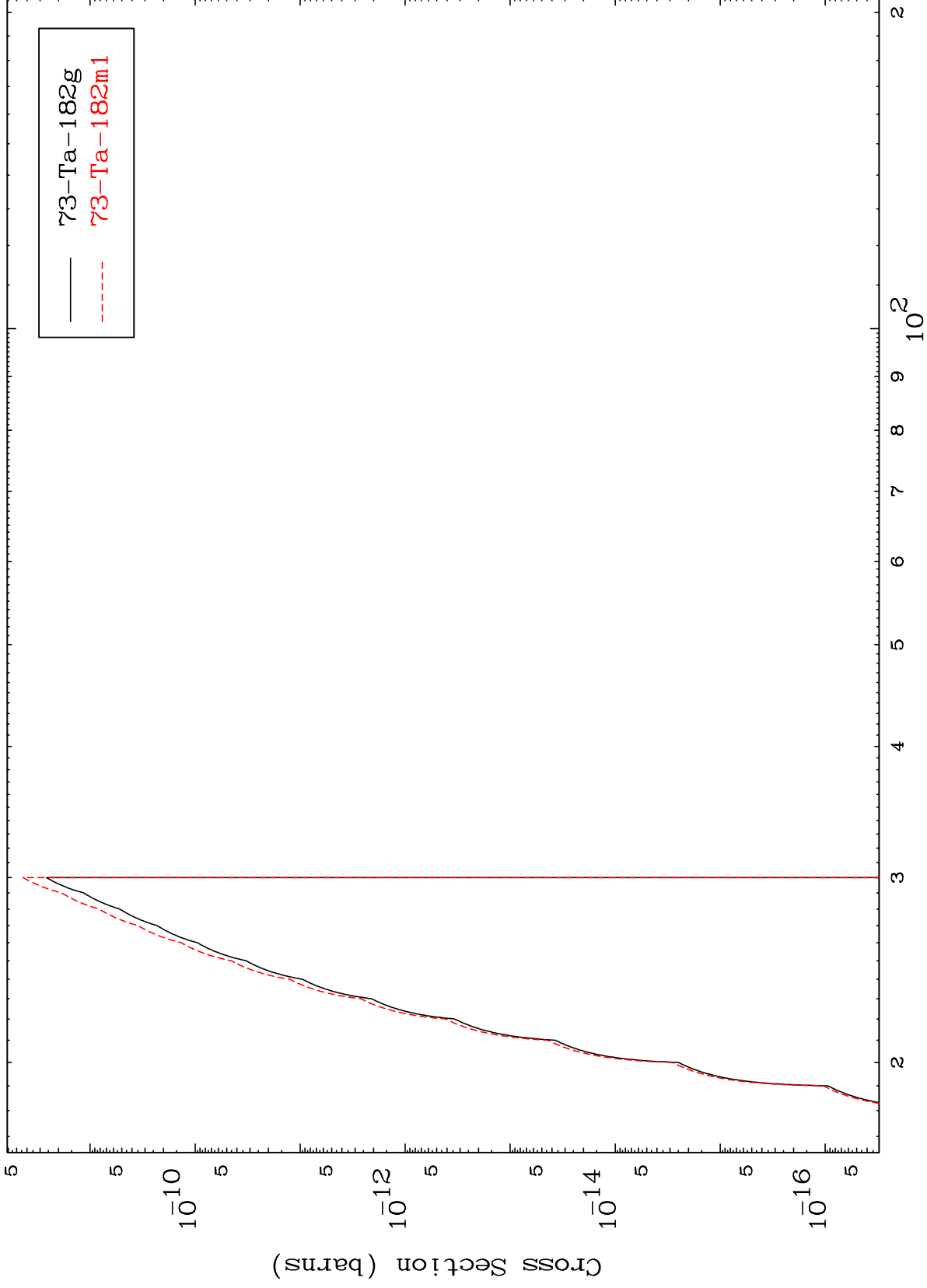


MAT 7522

(n,p) d

⁷⁵Re-¹⁸⁴

Radionuclide Production Cross Section



135

Incident Energy (MeV)

⁷⁵Re-¹⁸⁴

Radionuclide Production Cross Section

