

Program EVALPLOT
(Version 2018-1)

by

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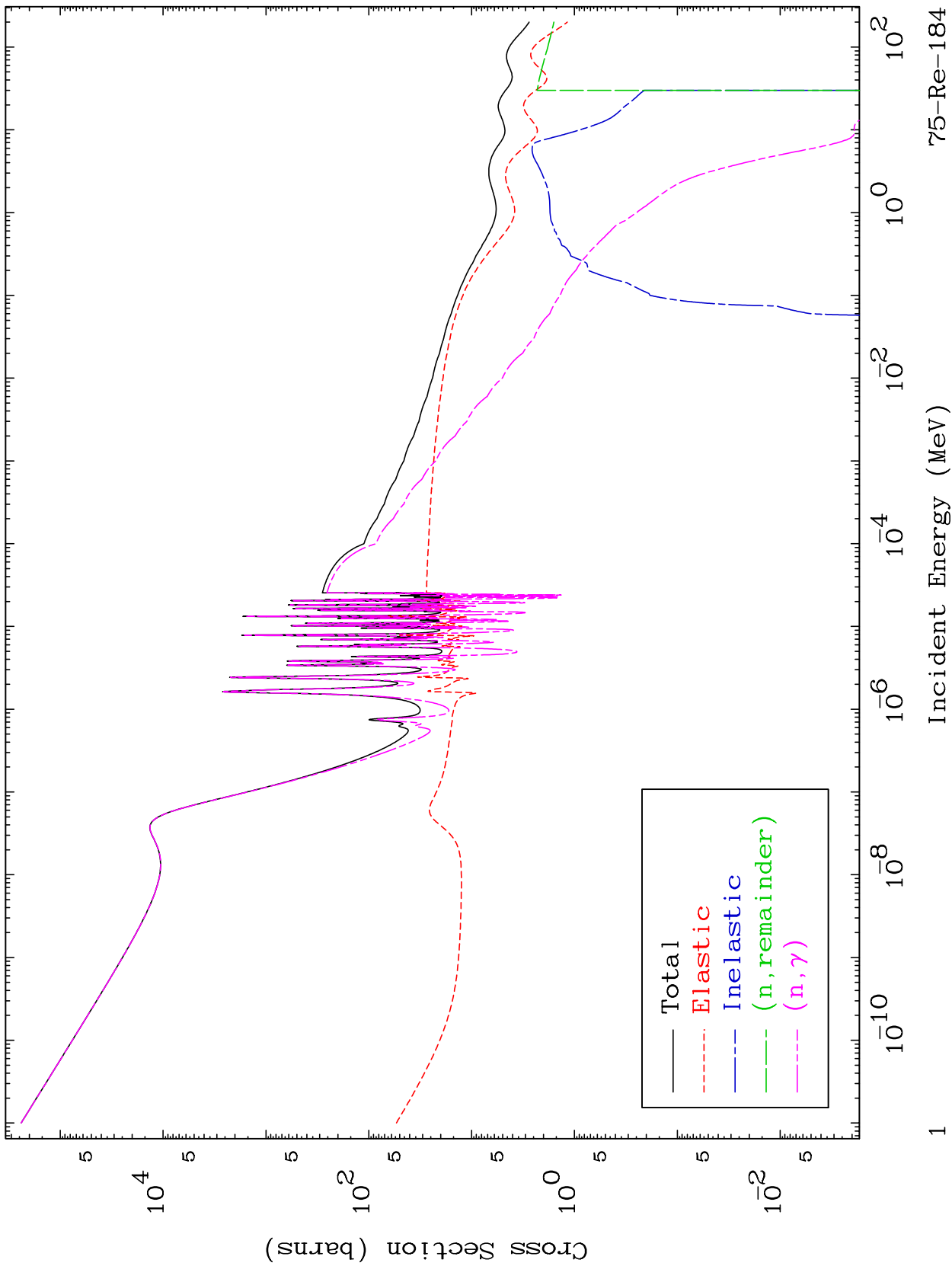
Press Mouse Button to Start

MAT 7522

Major

293 Kelvin Cross Sections

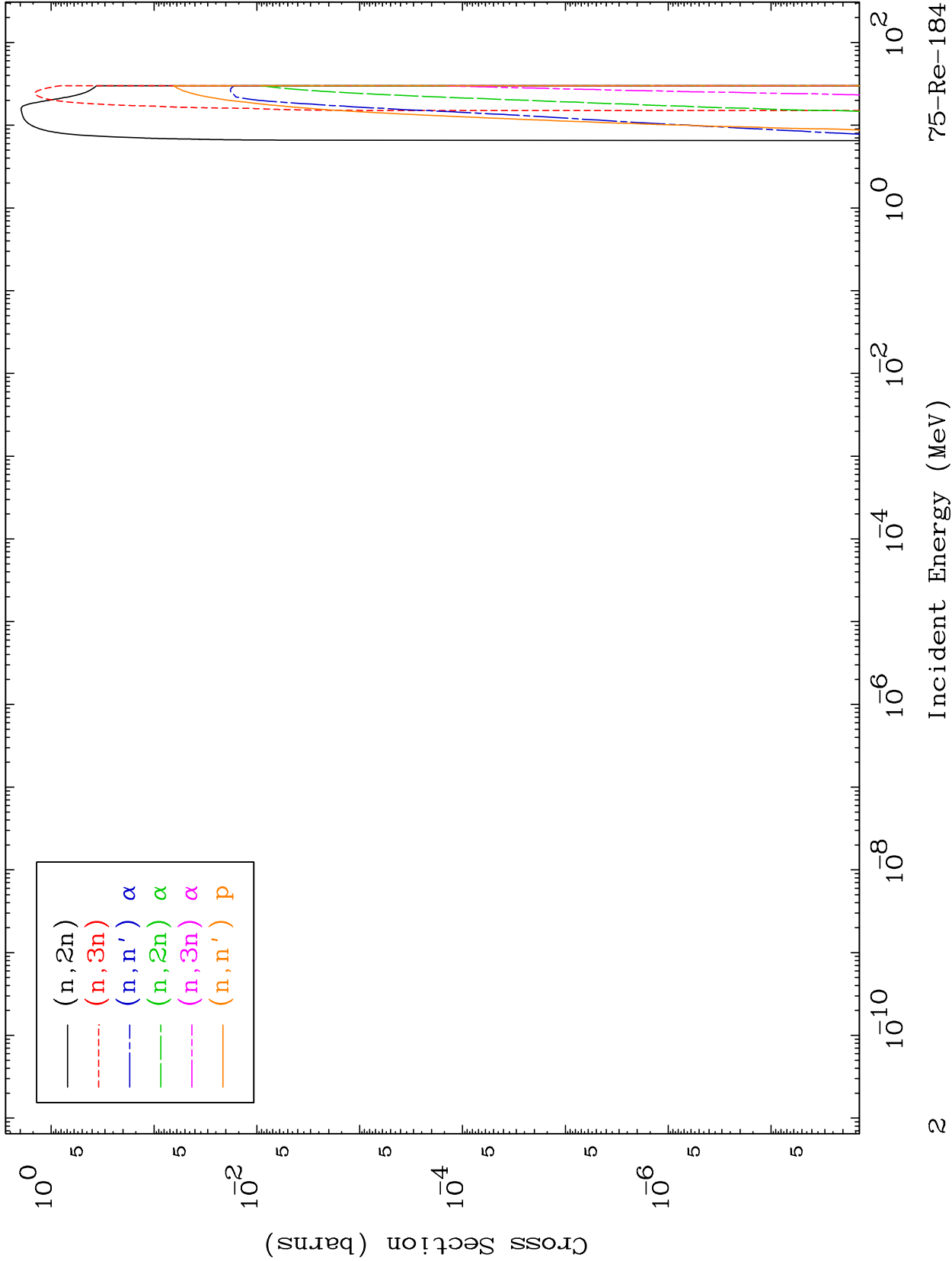
75-Re-184



MAT 7522

Neutron Production
293 Kelvin Cross Sections

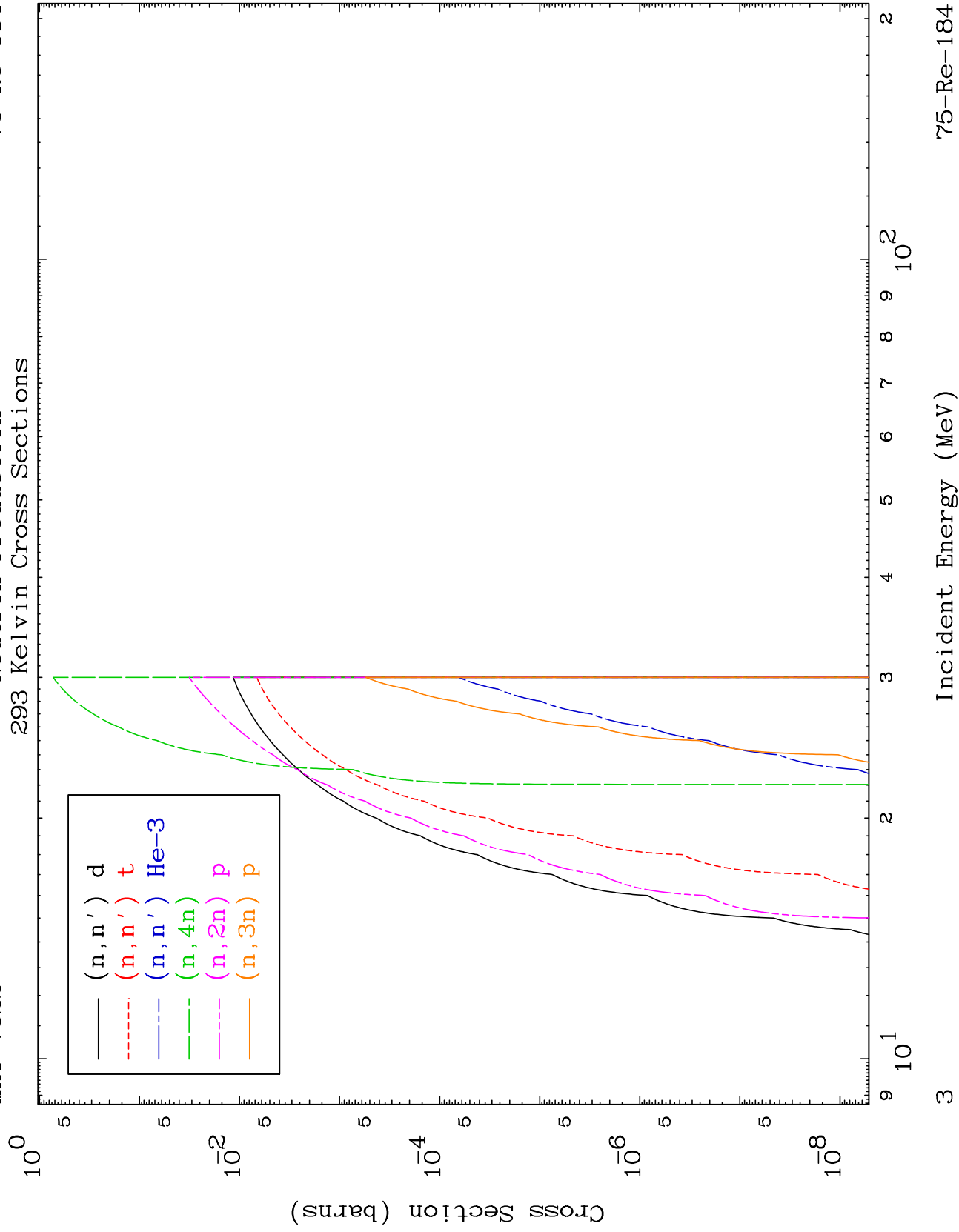
75-Re-184



MAT 7522

Neutron Production
293 Kelvin Cross Sections

75-Re-184



75-Re-184

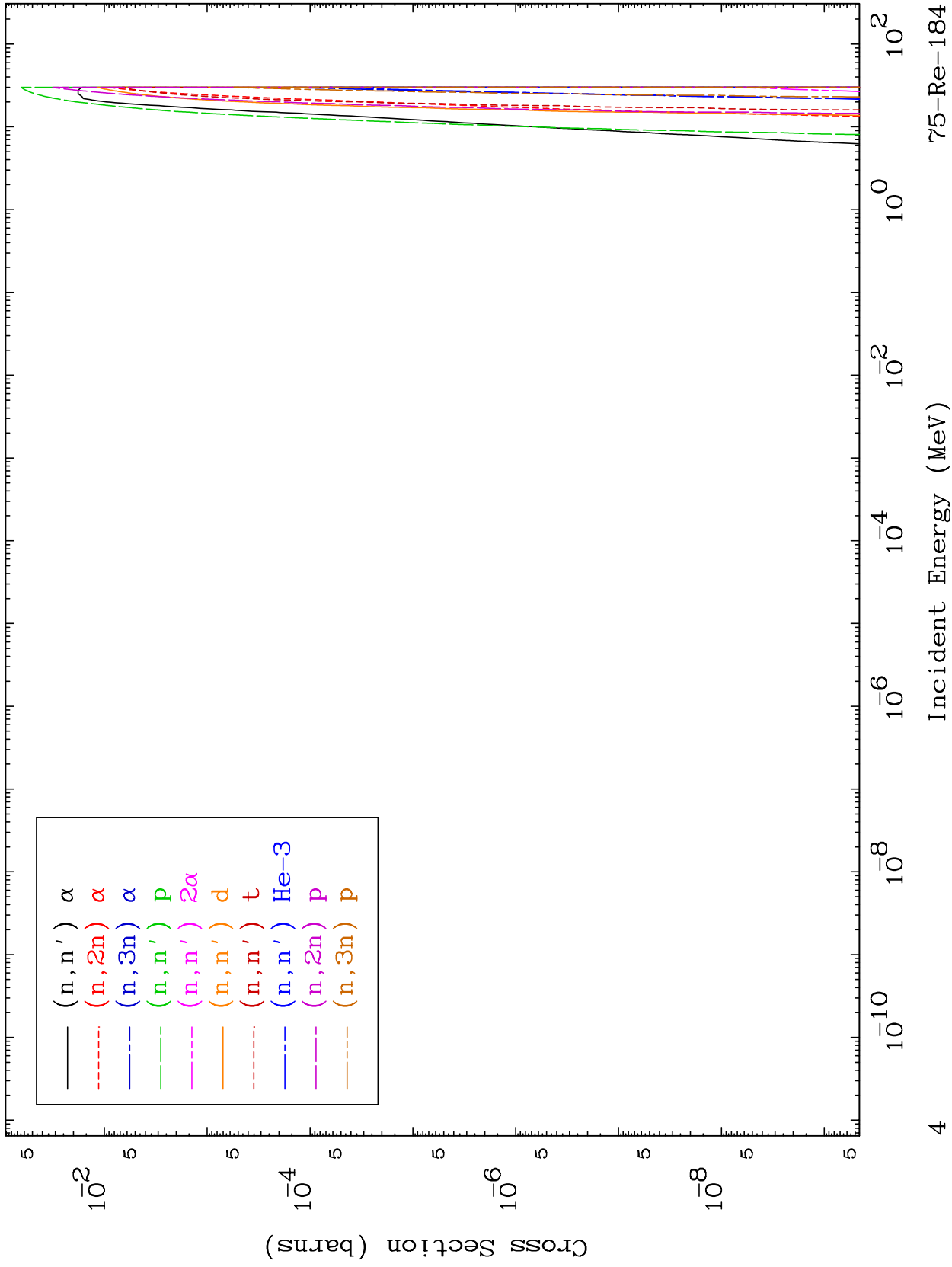
Incident Energy (MeV)

3

MAT 7522

Charged Particle
293 Kelvin Cross Sections

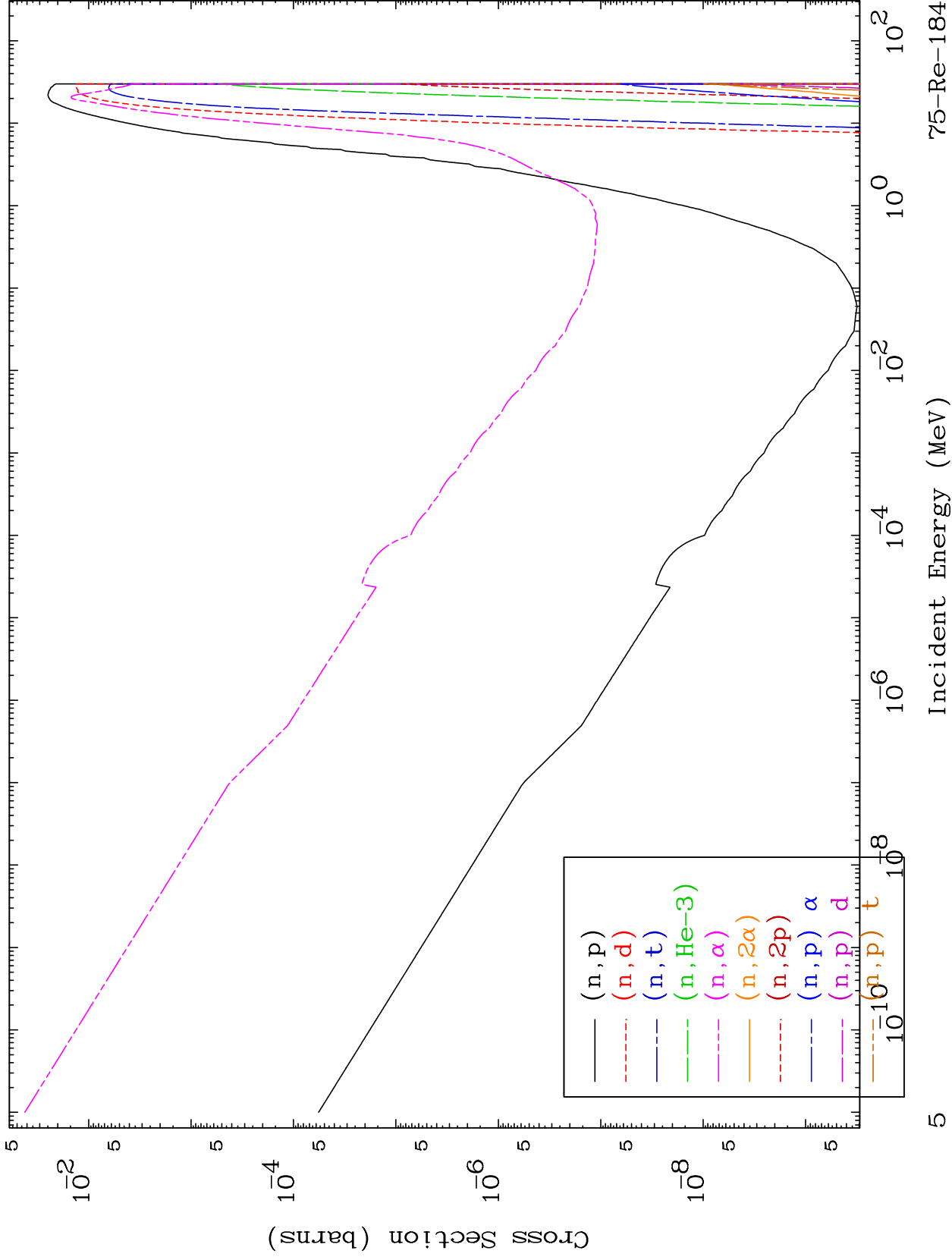
75-Re-184

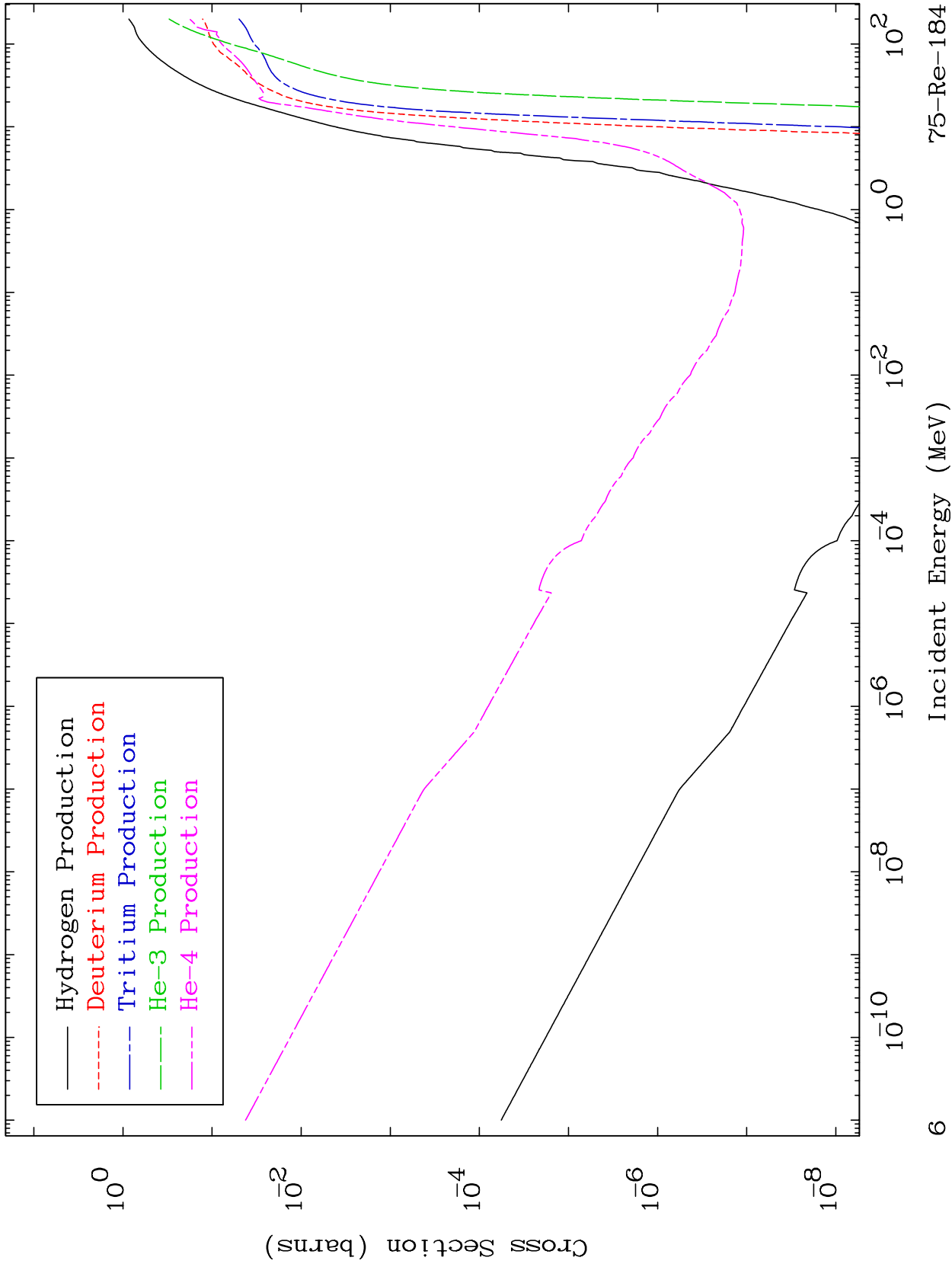


MAT 7522

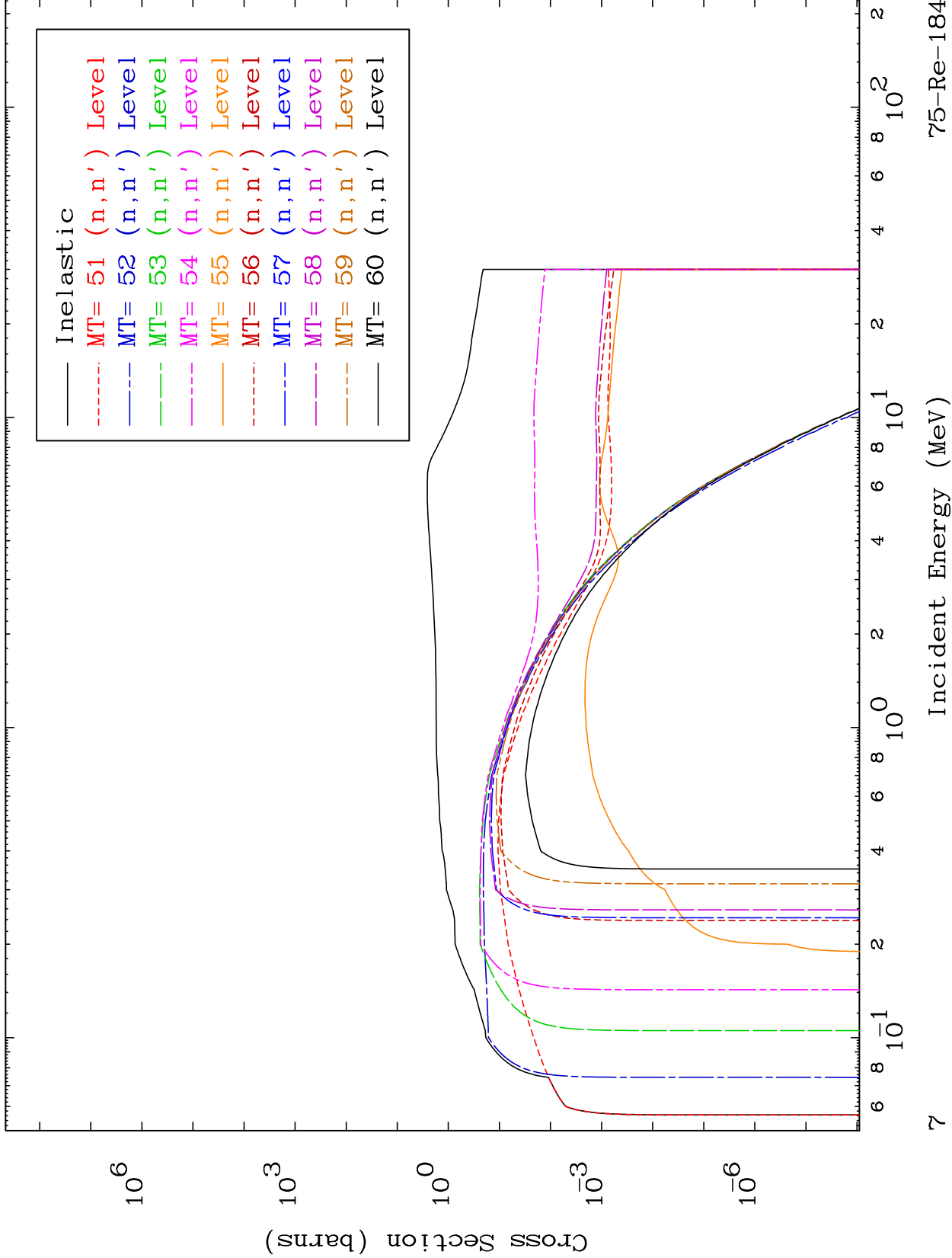
Charged Particle
293 Kelvin Cross Sections

75-Re-184





293 Kelvin Cross Sections

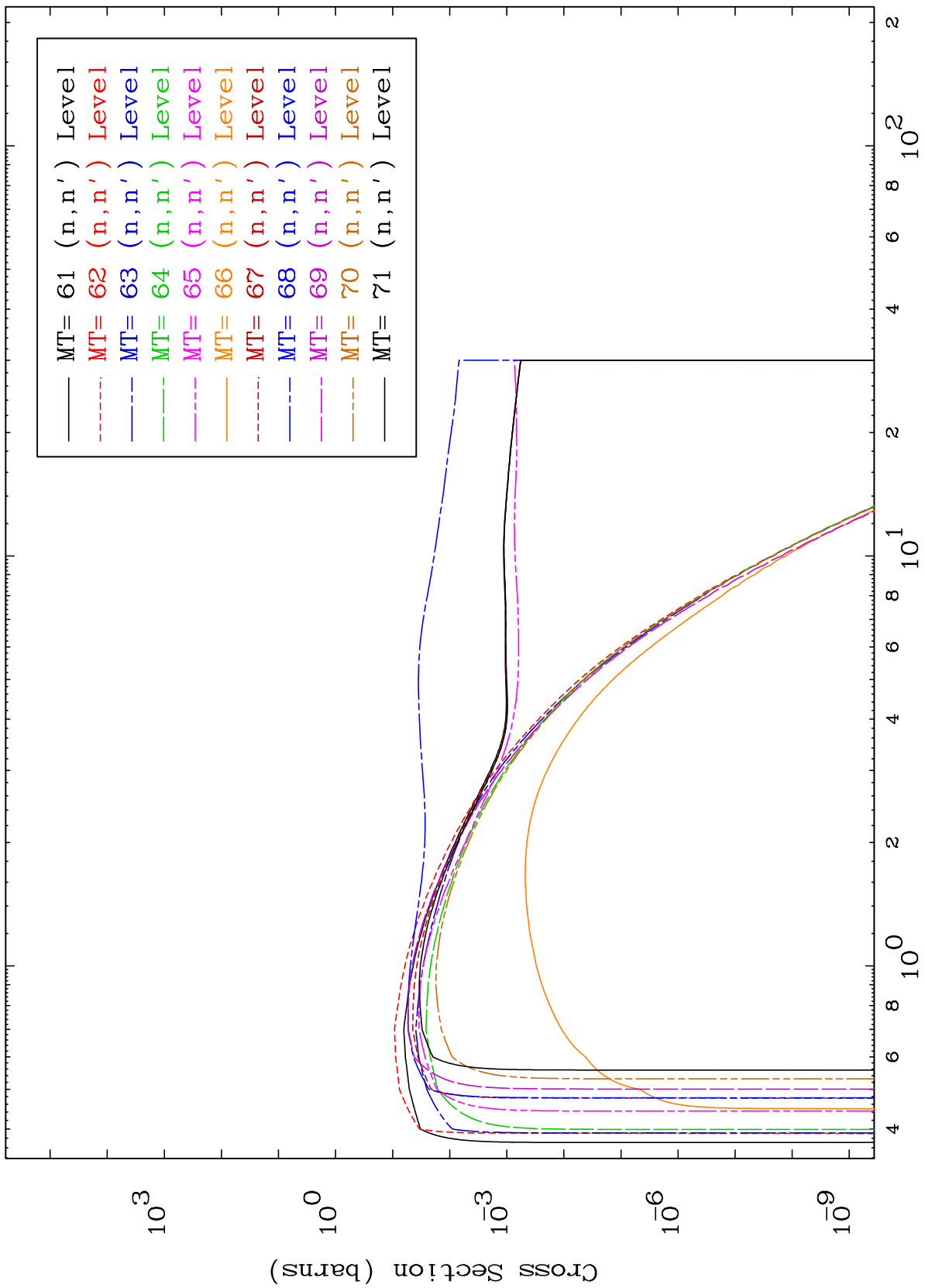


MAT 7522

(n,n') Level

293 Kelvin Cross Sections

75-Re-184

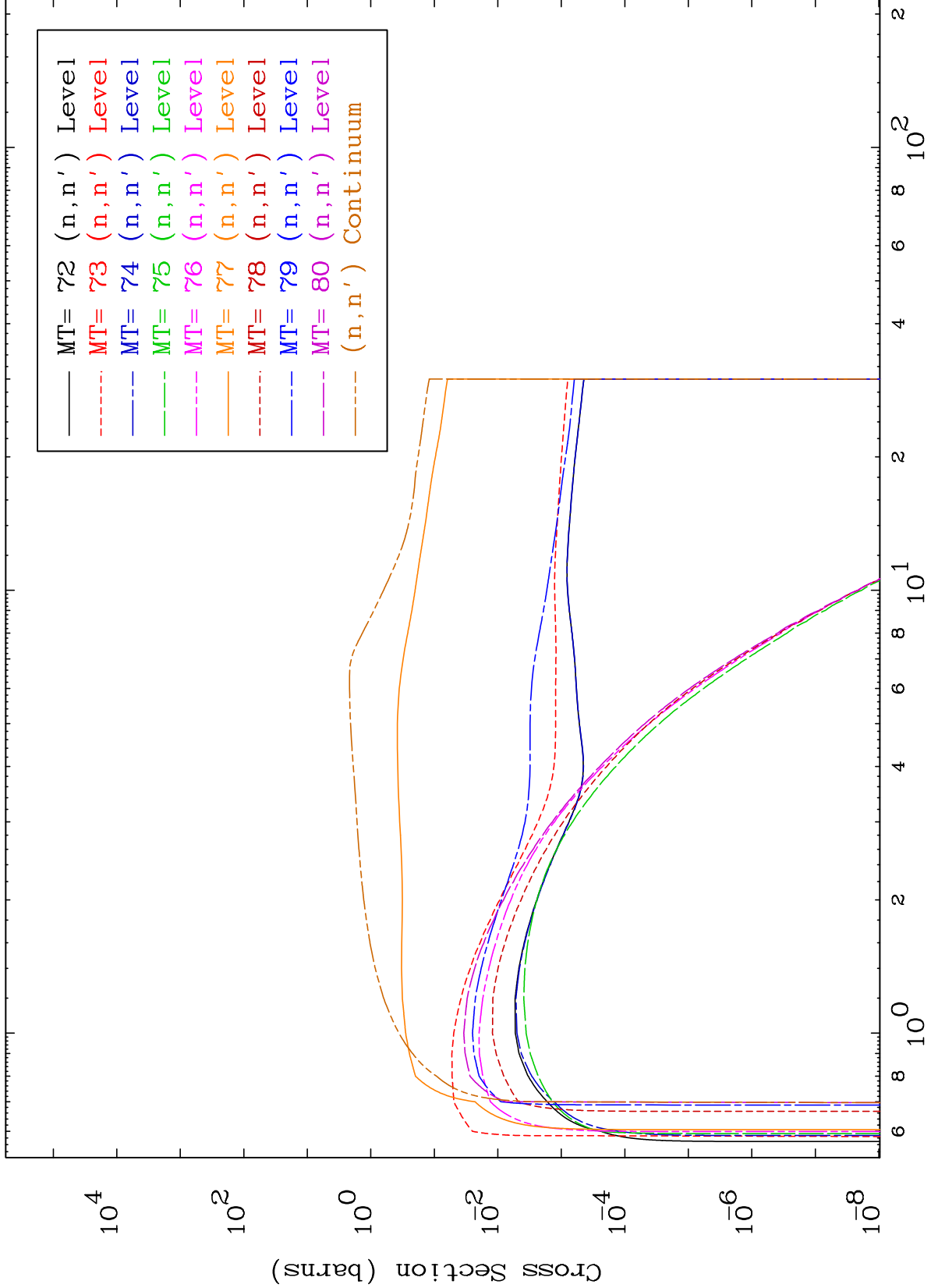


8

Incident Energy (MeV)

75-Re-184

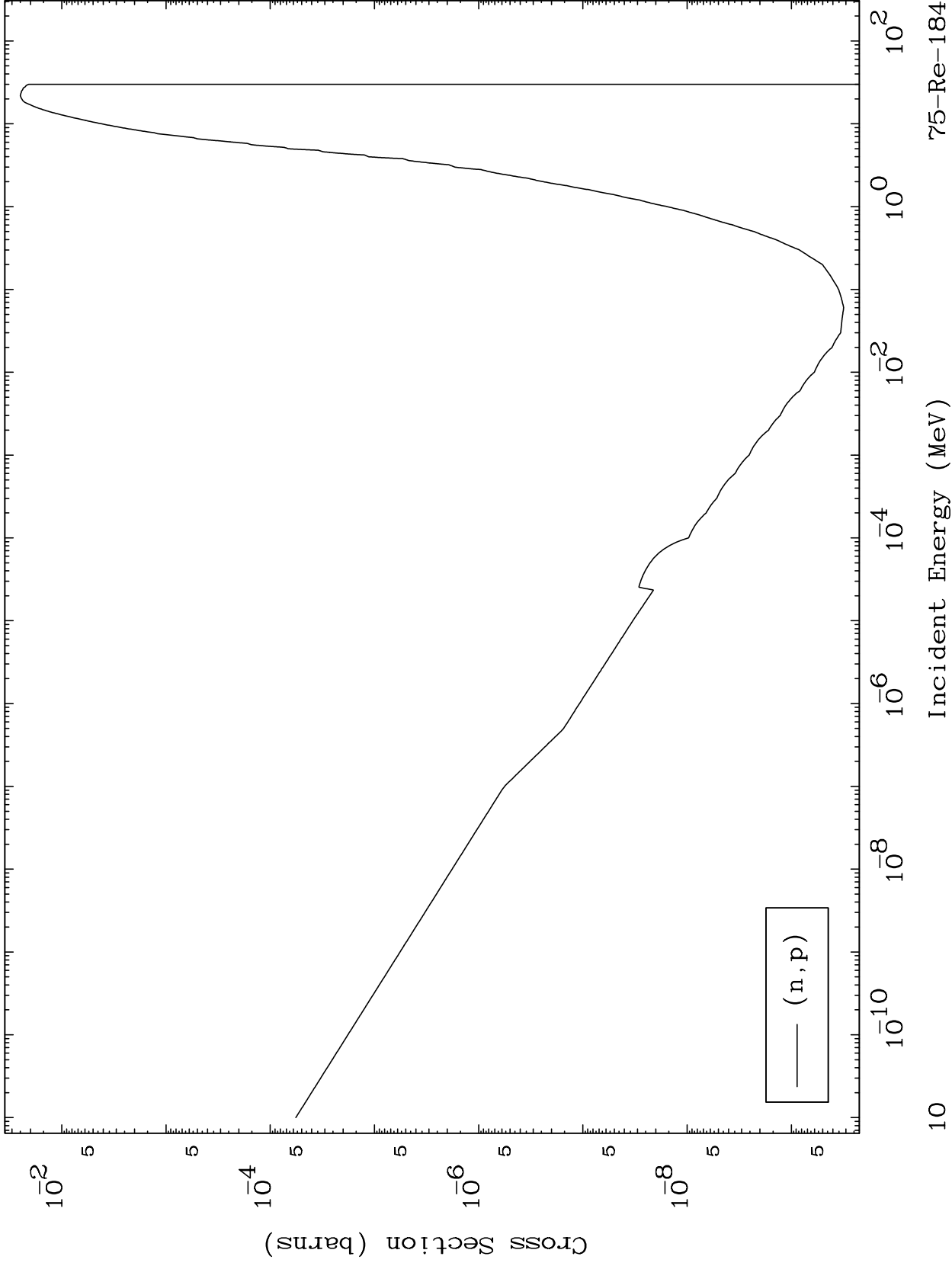
293 Kelvin Cross Sections



MAT 7522

(n,p) Levels
293 Kelvin Cross Sections

75-Re-184



75-Re-184

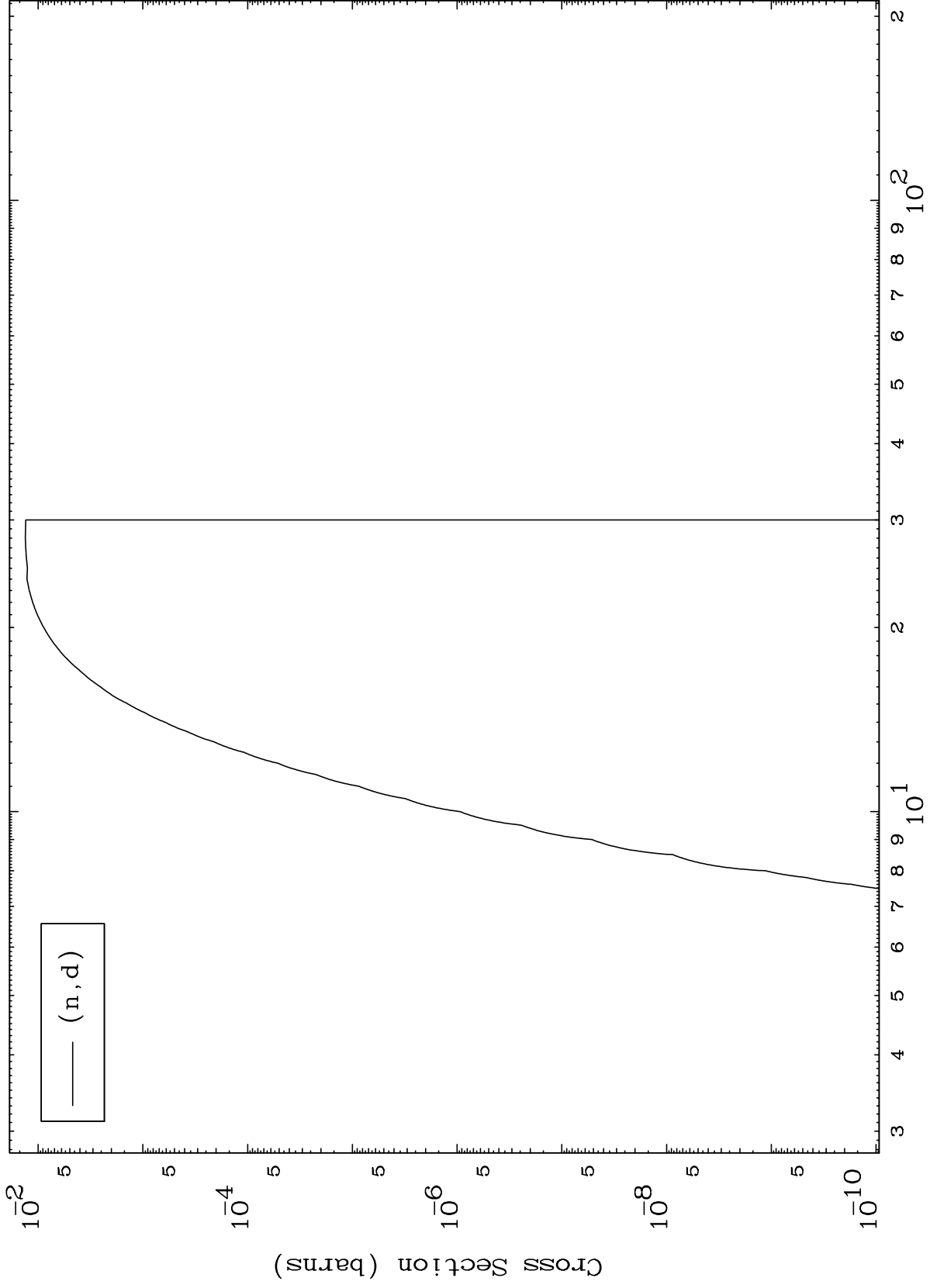
Incident Energy (MeV)

10

MAT 7522

(n,d) Levels
293 Kelvin Cross Sections

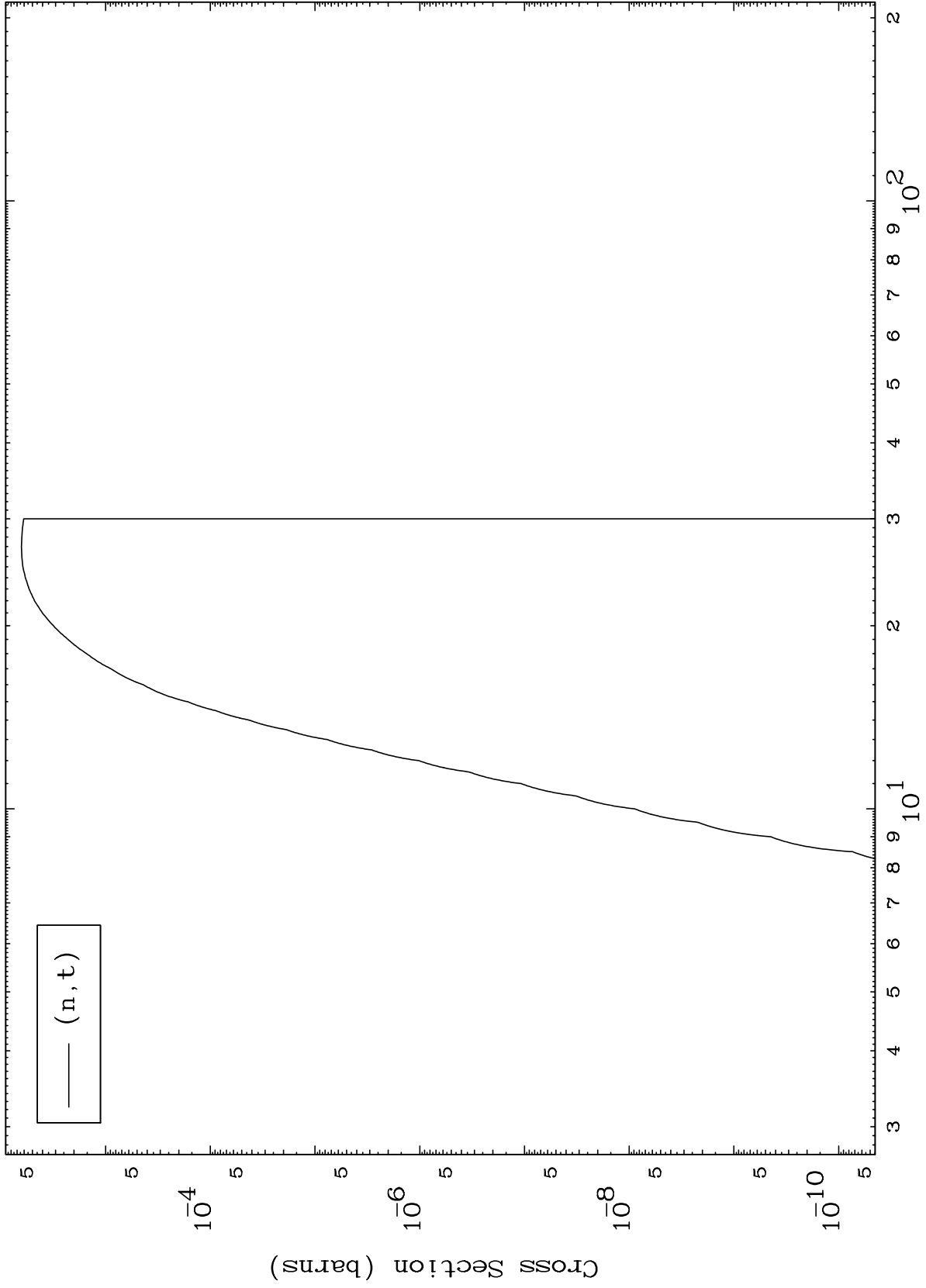
75-Re-184



MAT 7522

(n, t) Levels
293 Kelvin Cross Sections

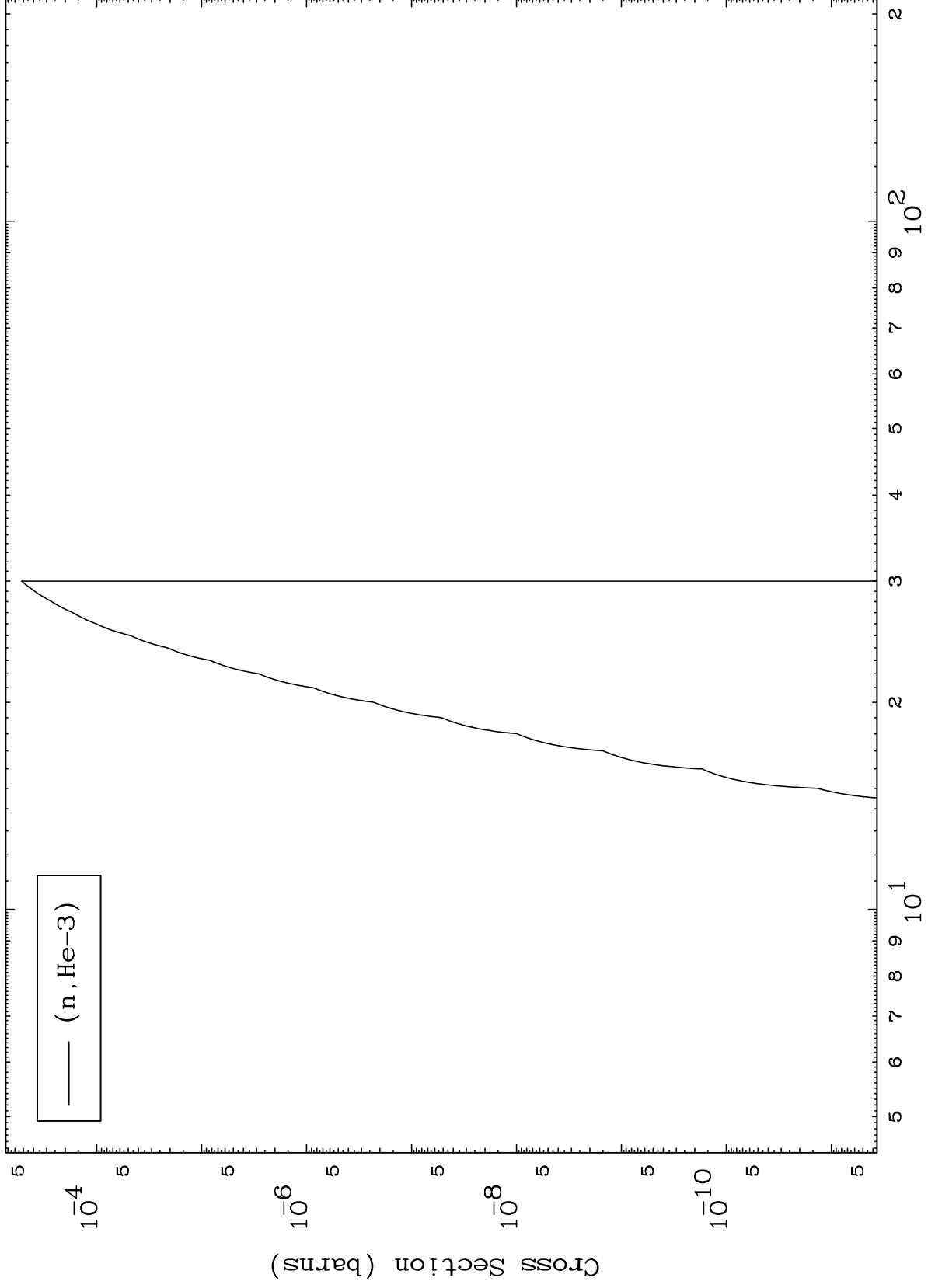
75-Re-184



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Incident Energy (MeV)

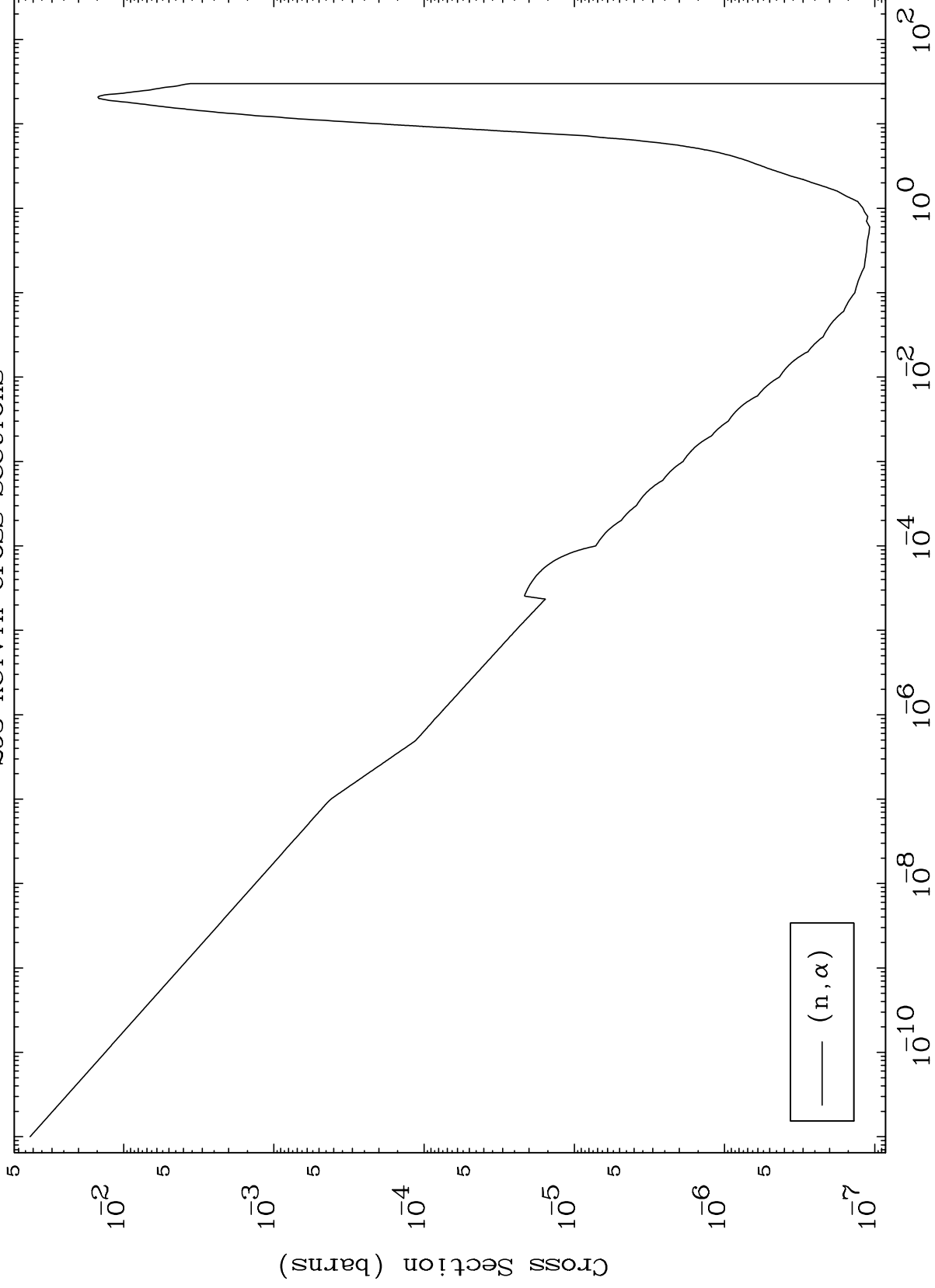
75-Re-184



MAT 7522

(n,α) Levels
293 Kelvin Cross Sections

75-Re-184

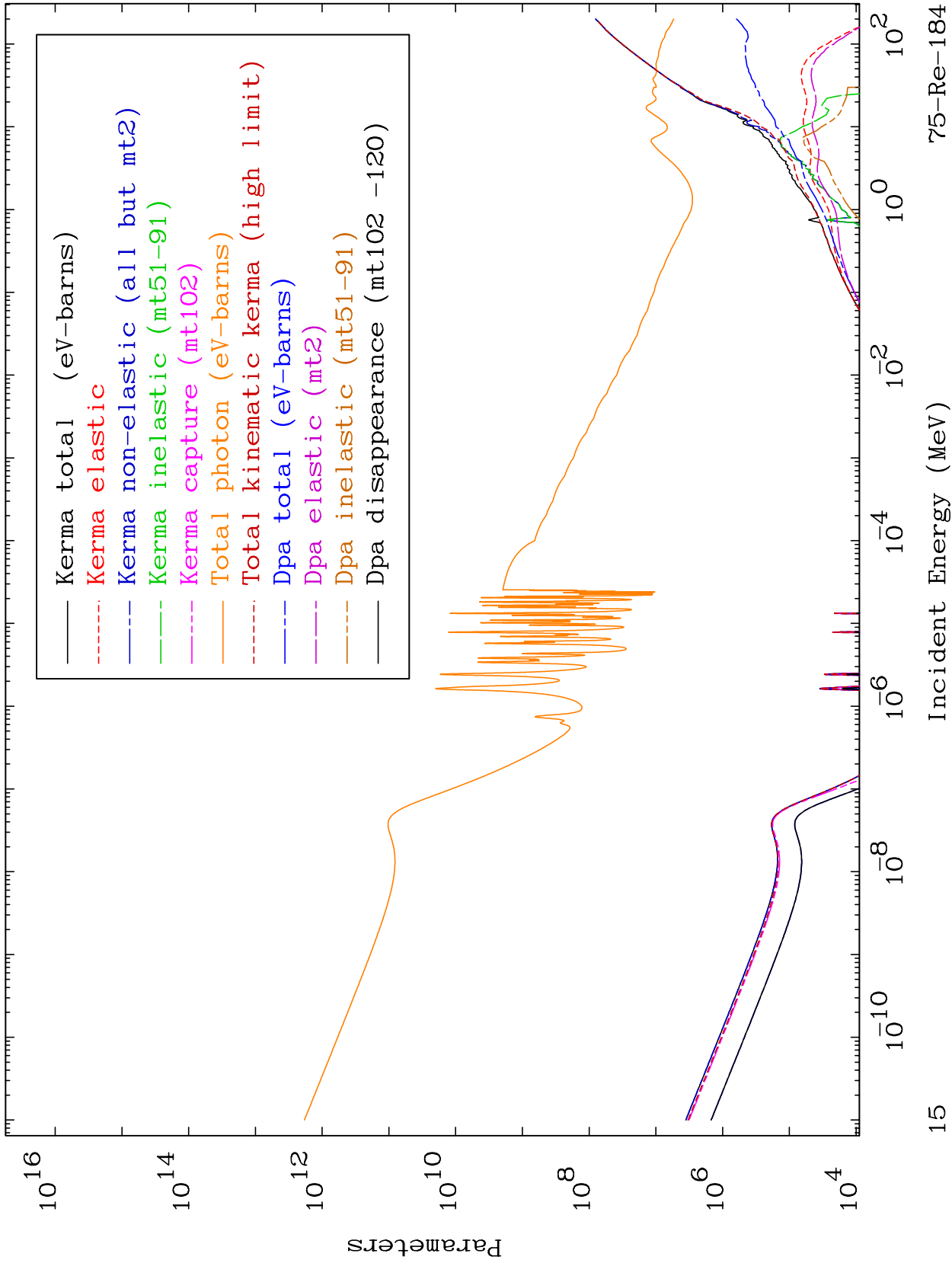


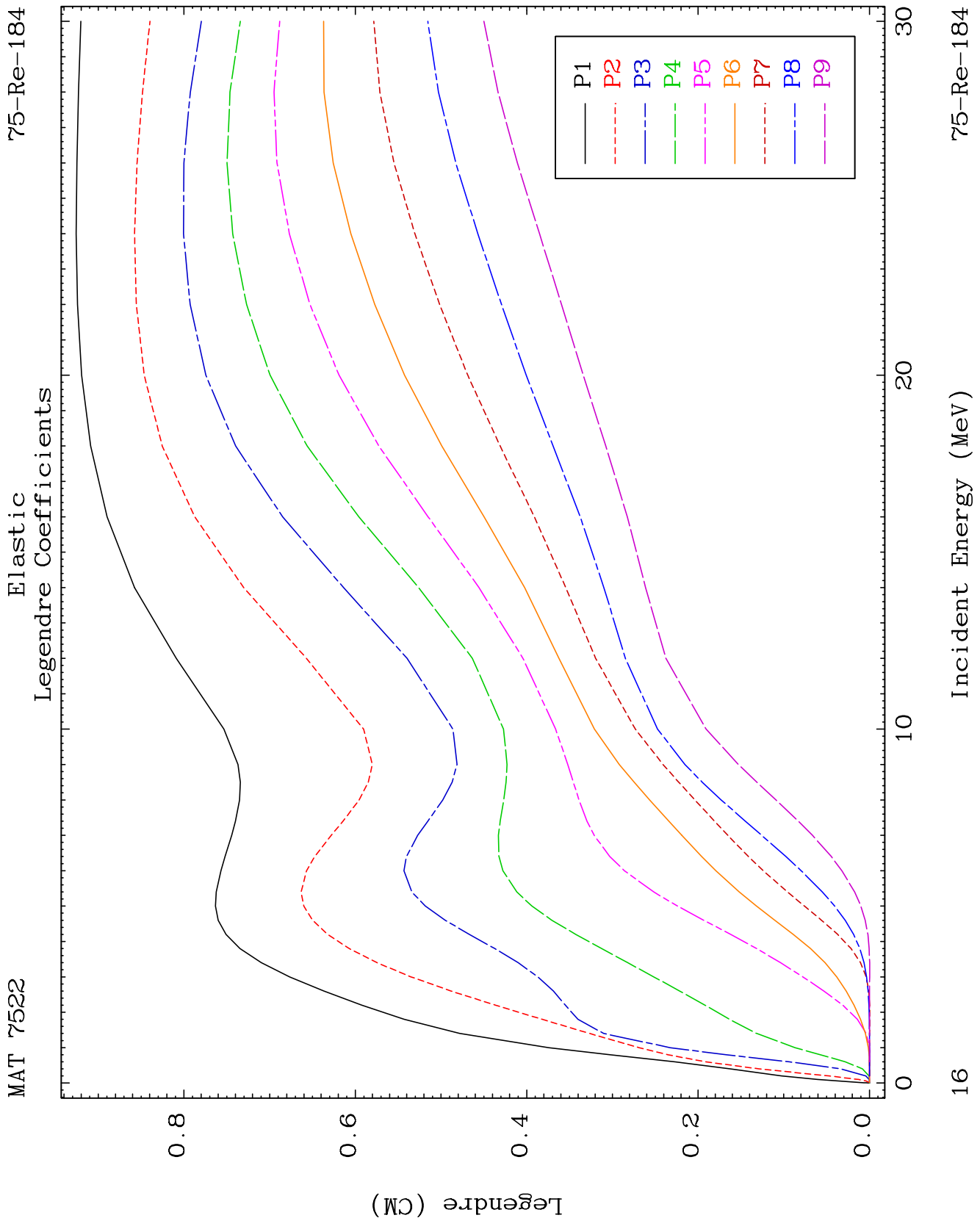
(n,α)

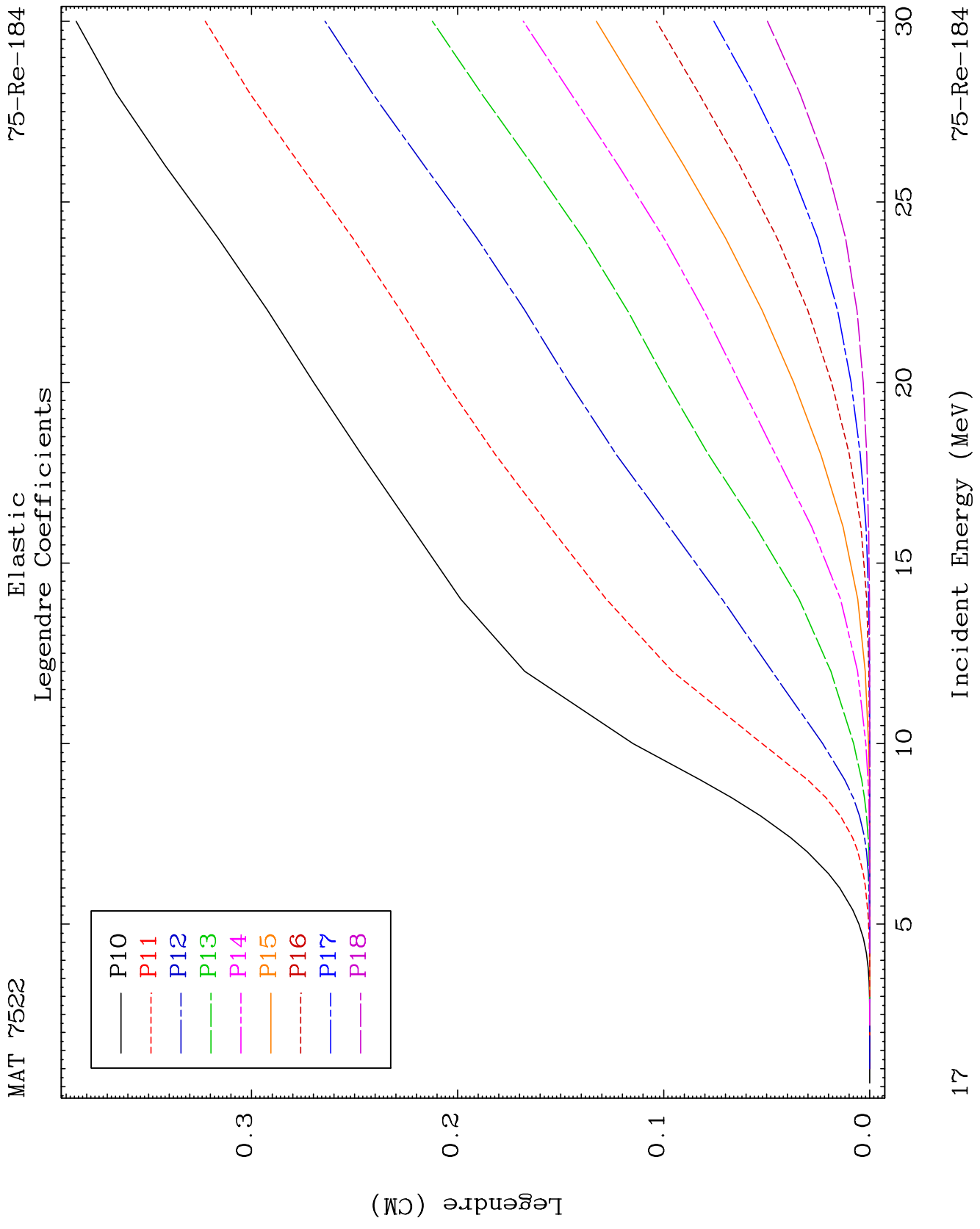
75-Re-184

Incident Energy (MeV)

14



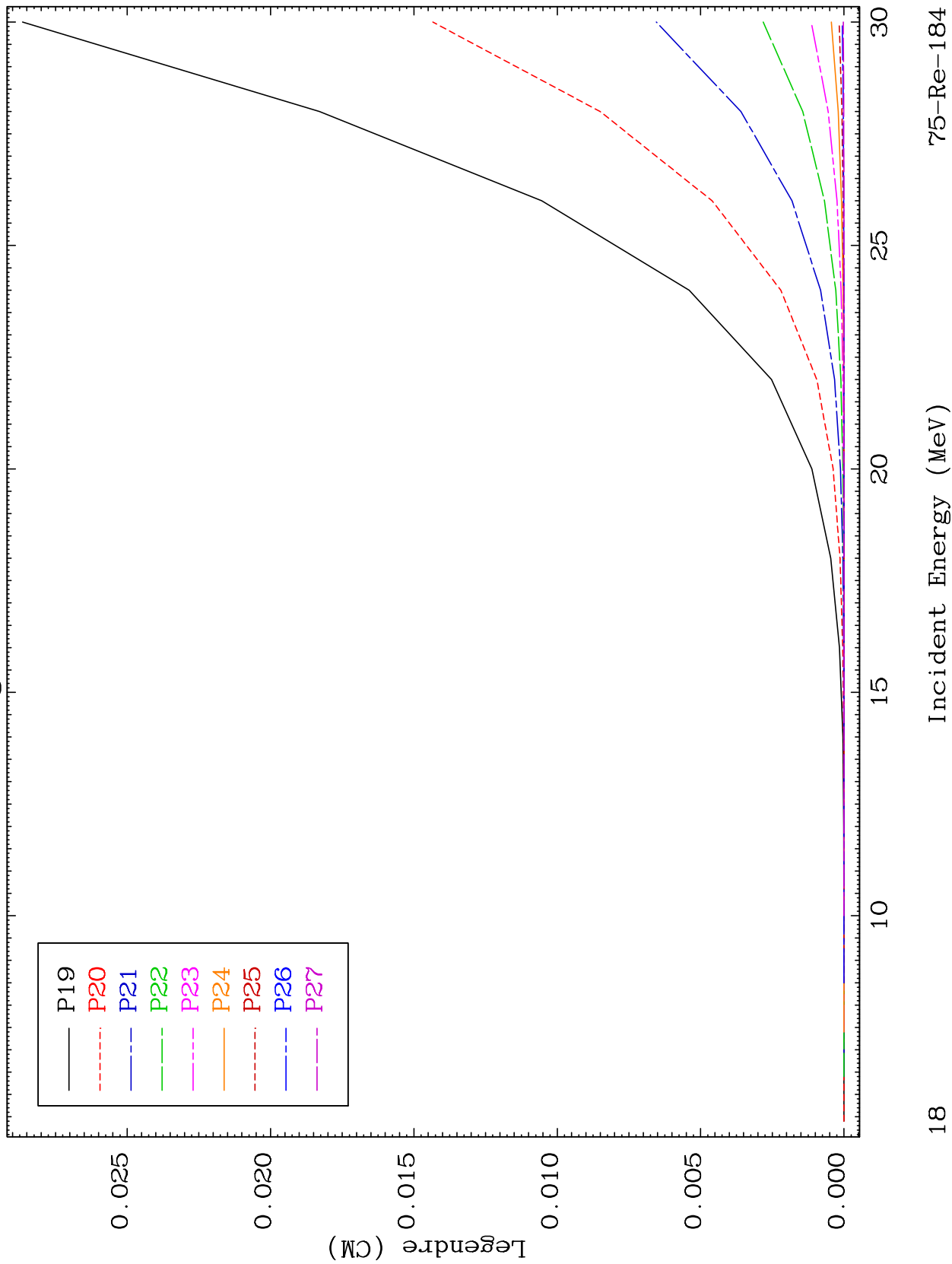




MAT 7522

Elastic Legendre Coefficients

75-Re-184



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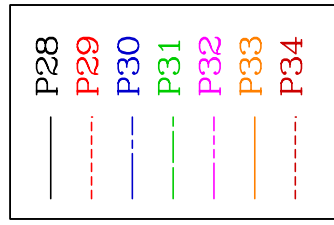
Incident Energy (MeV)

75-Re-184

MAT 7522

Elastic Legendre Coefficients

75-Re-184



$\times 10^{-6}$

6

4

2

0

Legendre (CM)

15

20

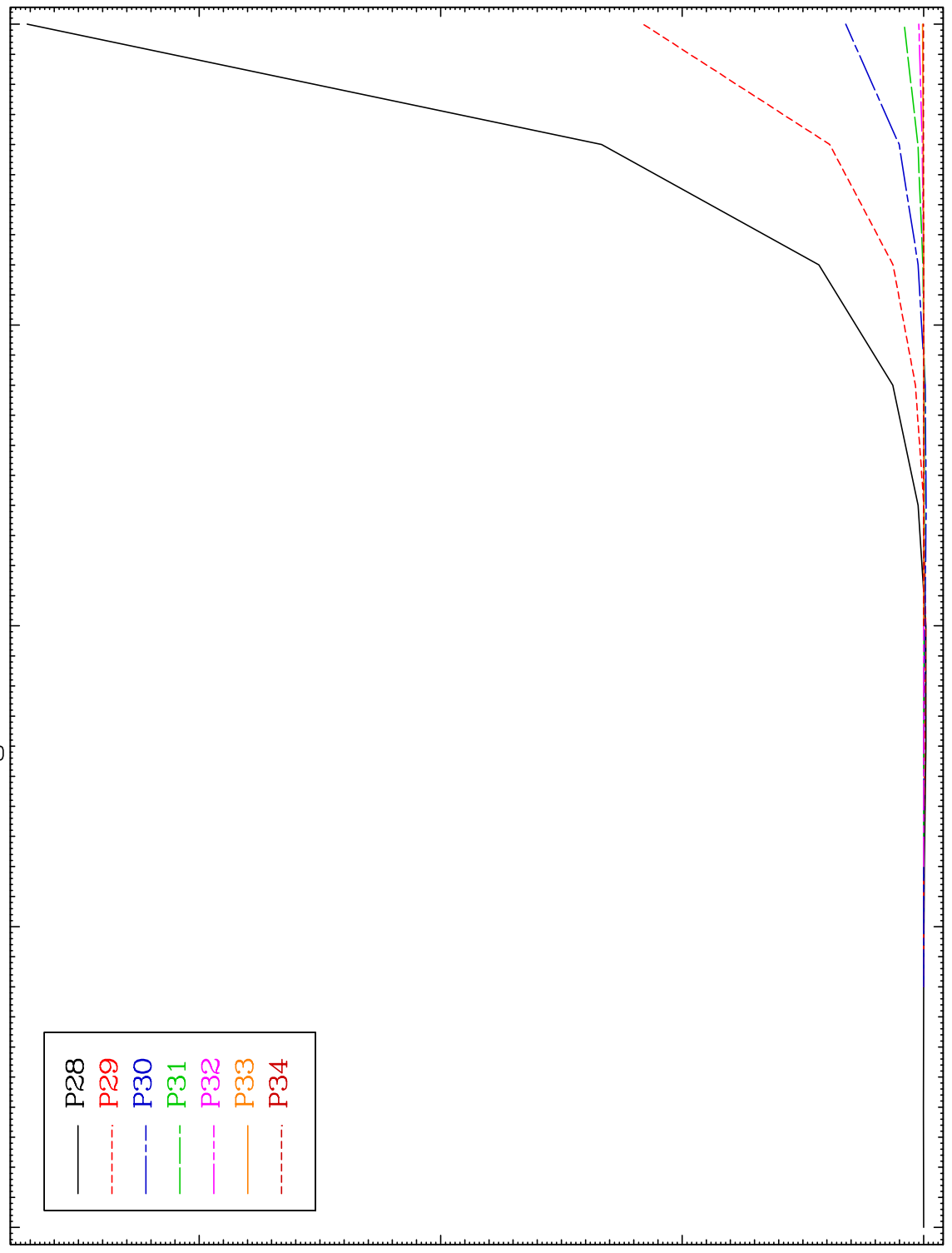
25

30

19

Incident Energy (MeV)

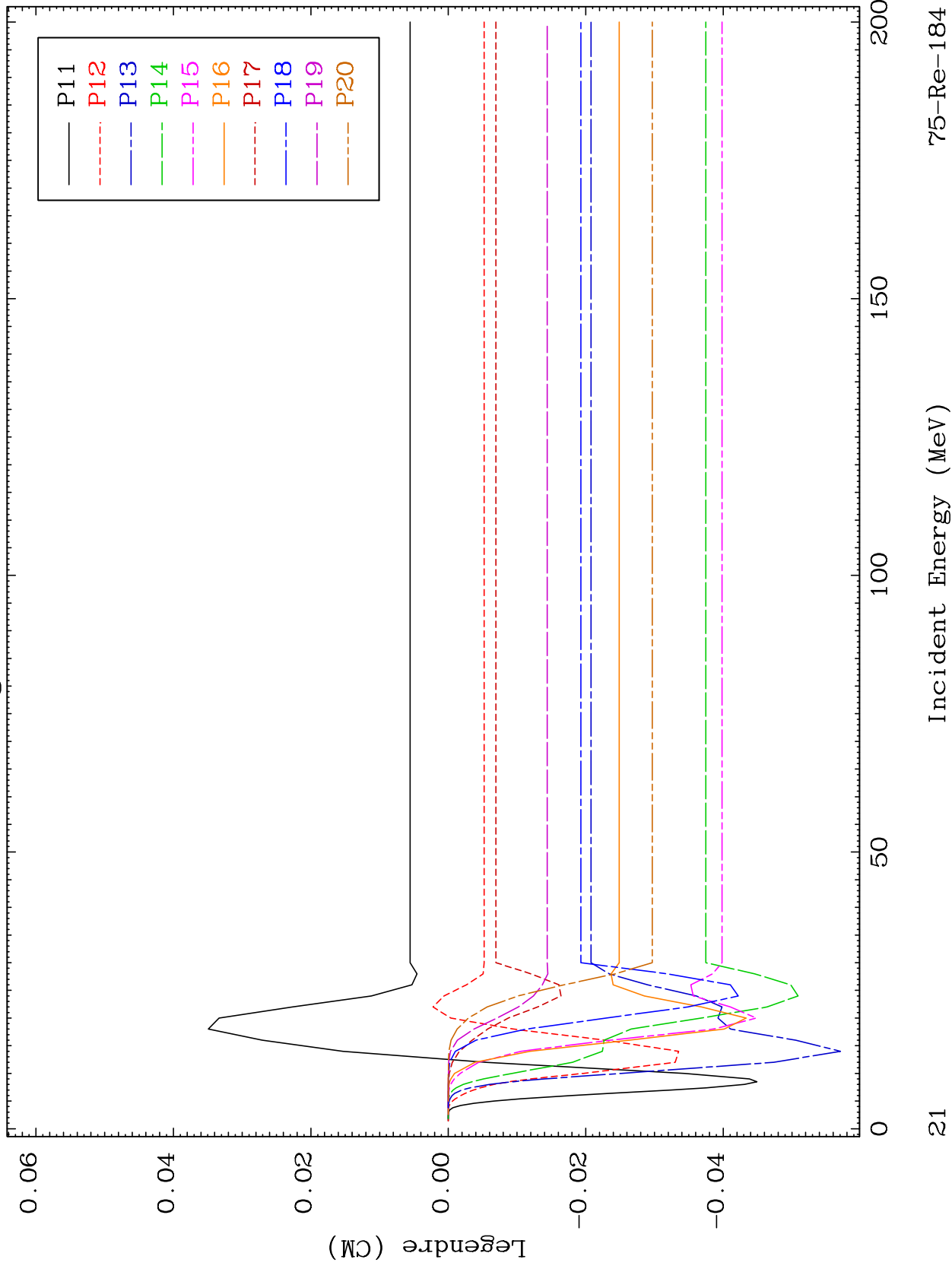
75-Re-184



MAT 7522

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

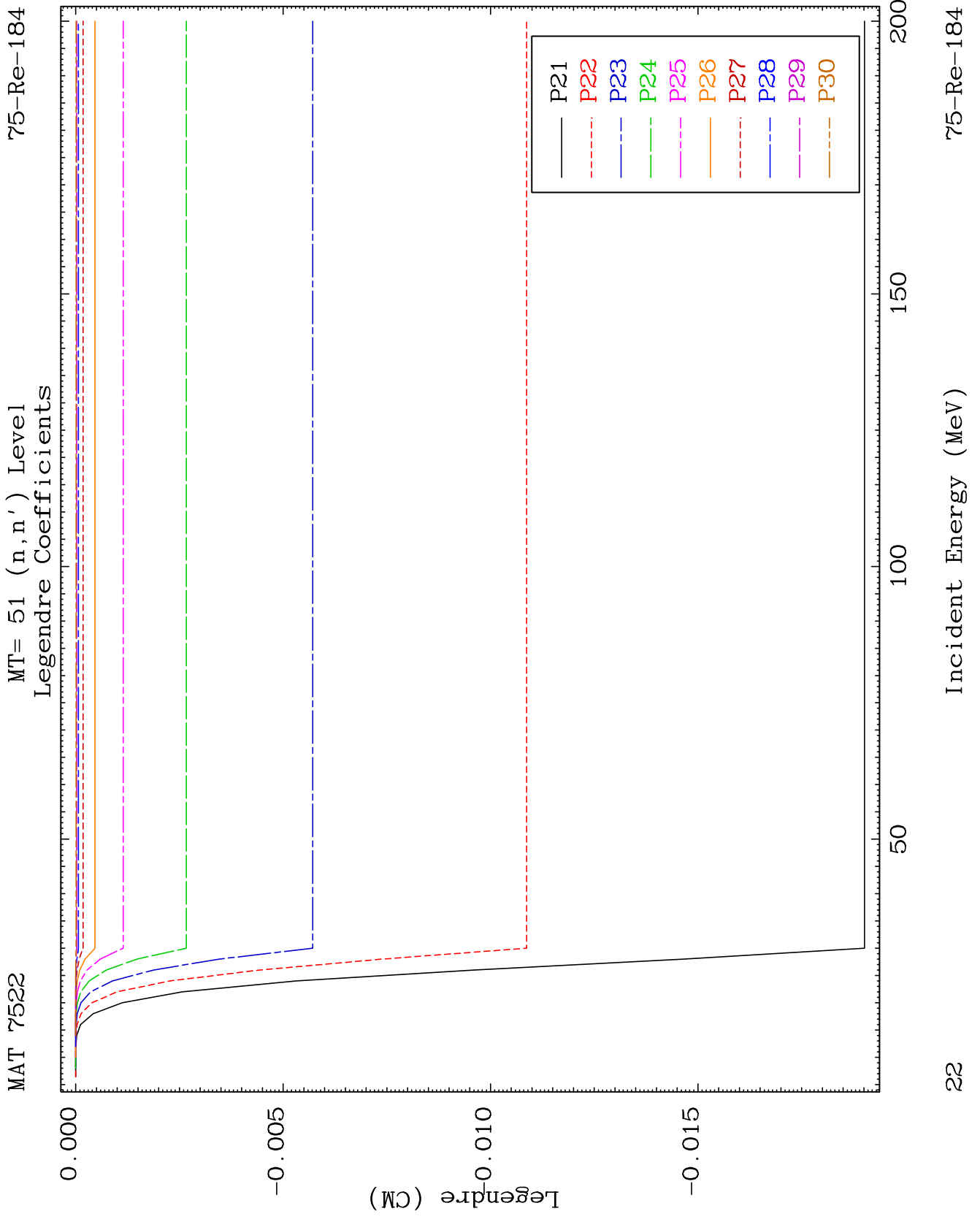
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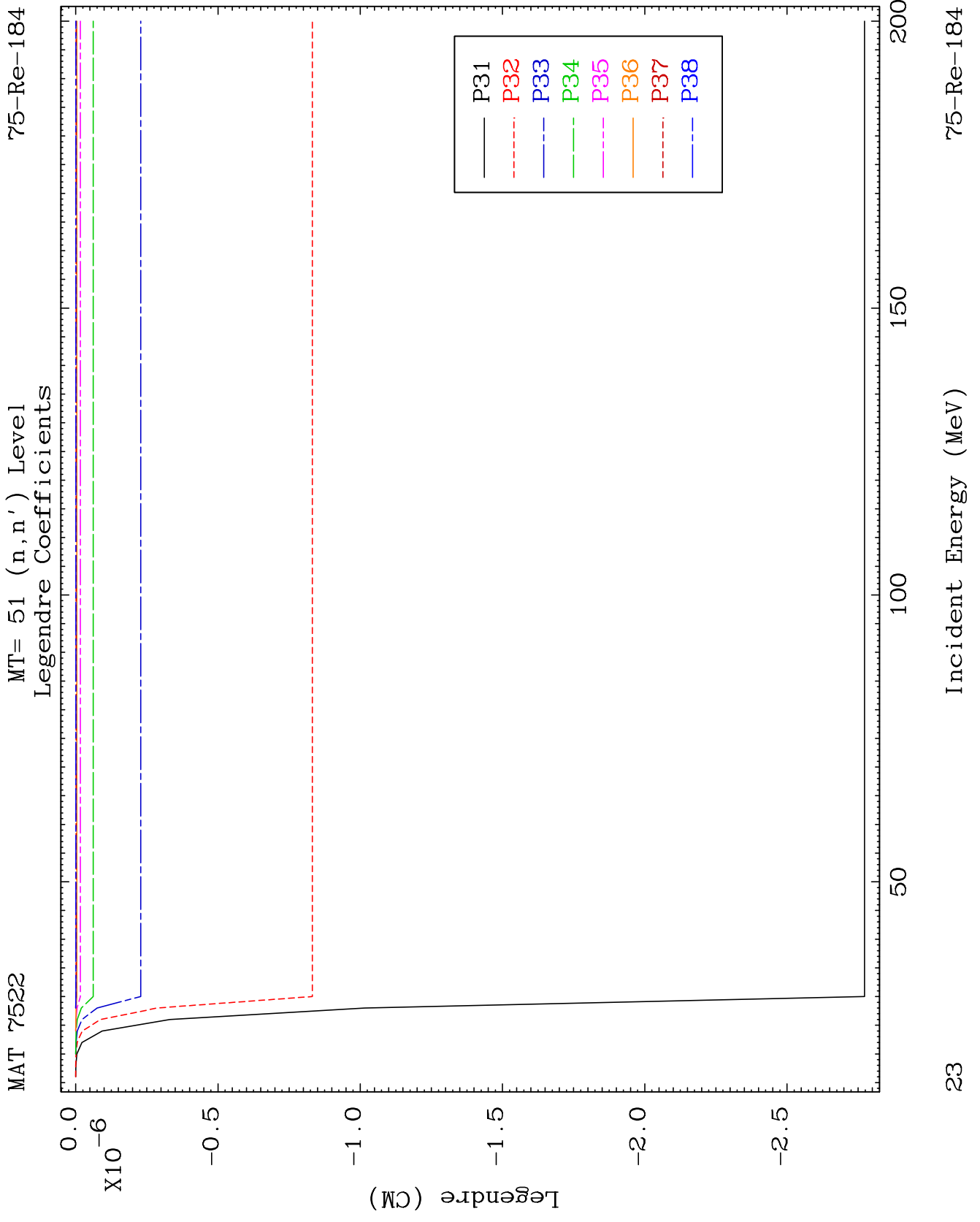


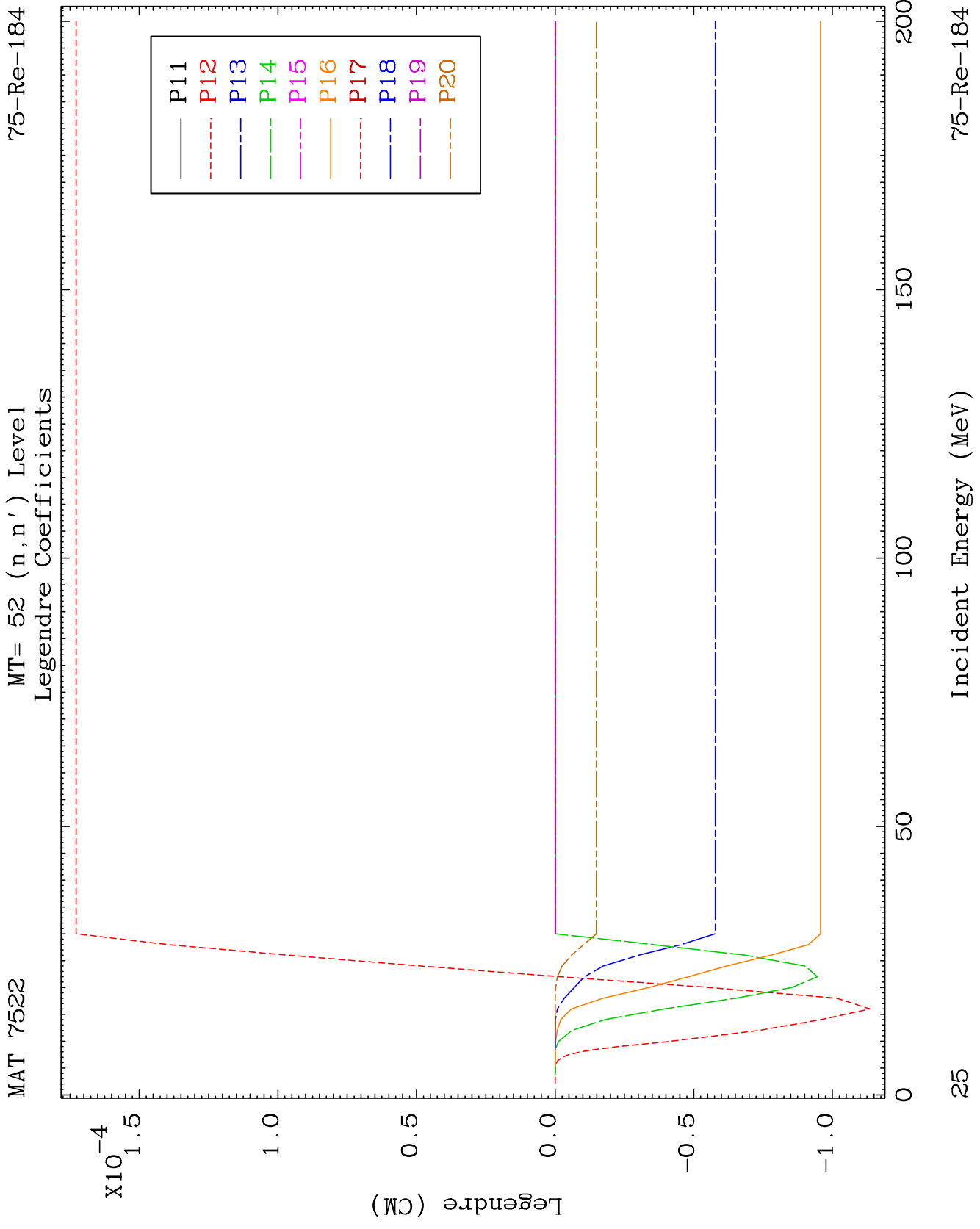
75-Re-184

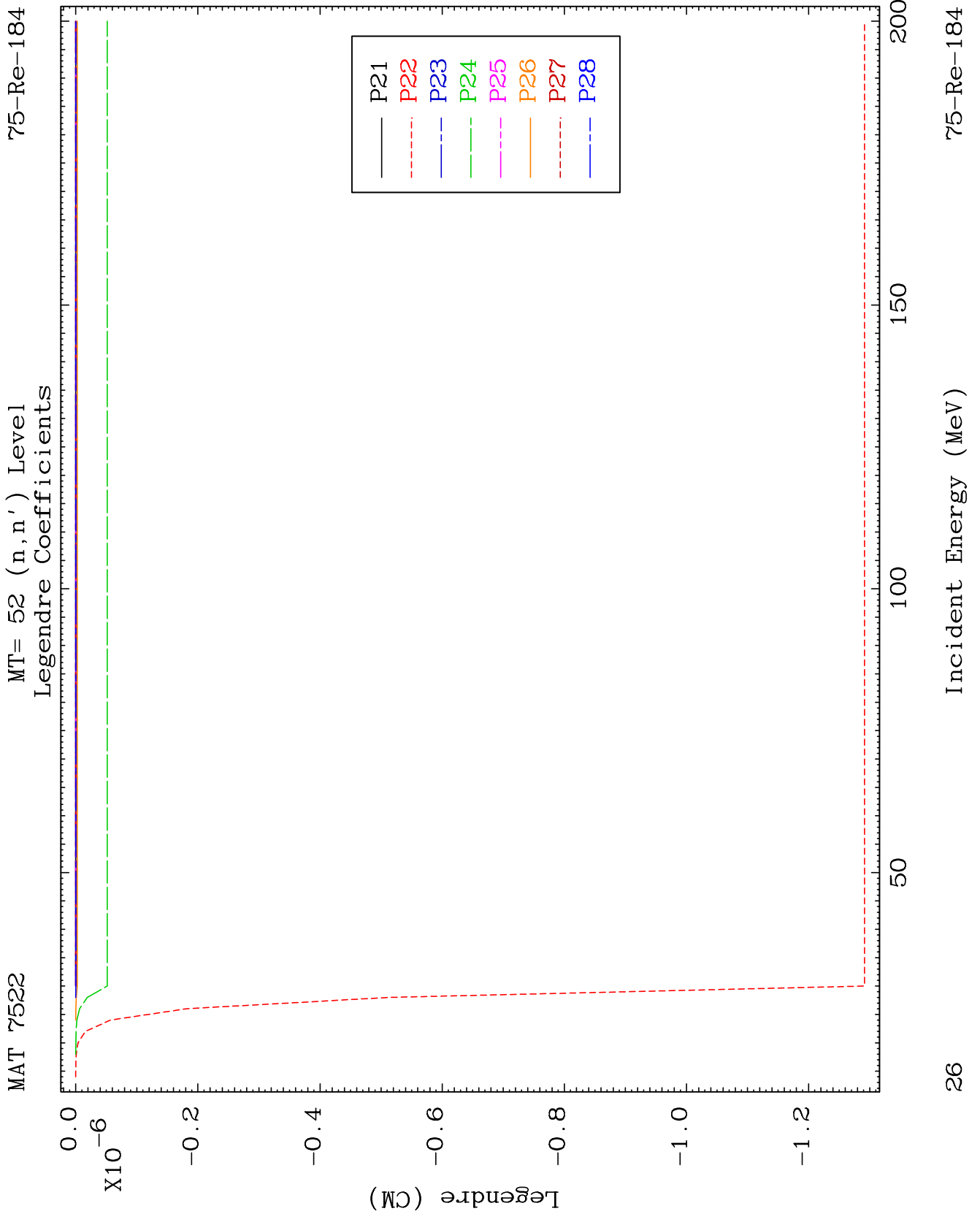
Incident Energy (MeV)

21







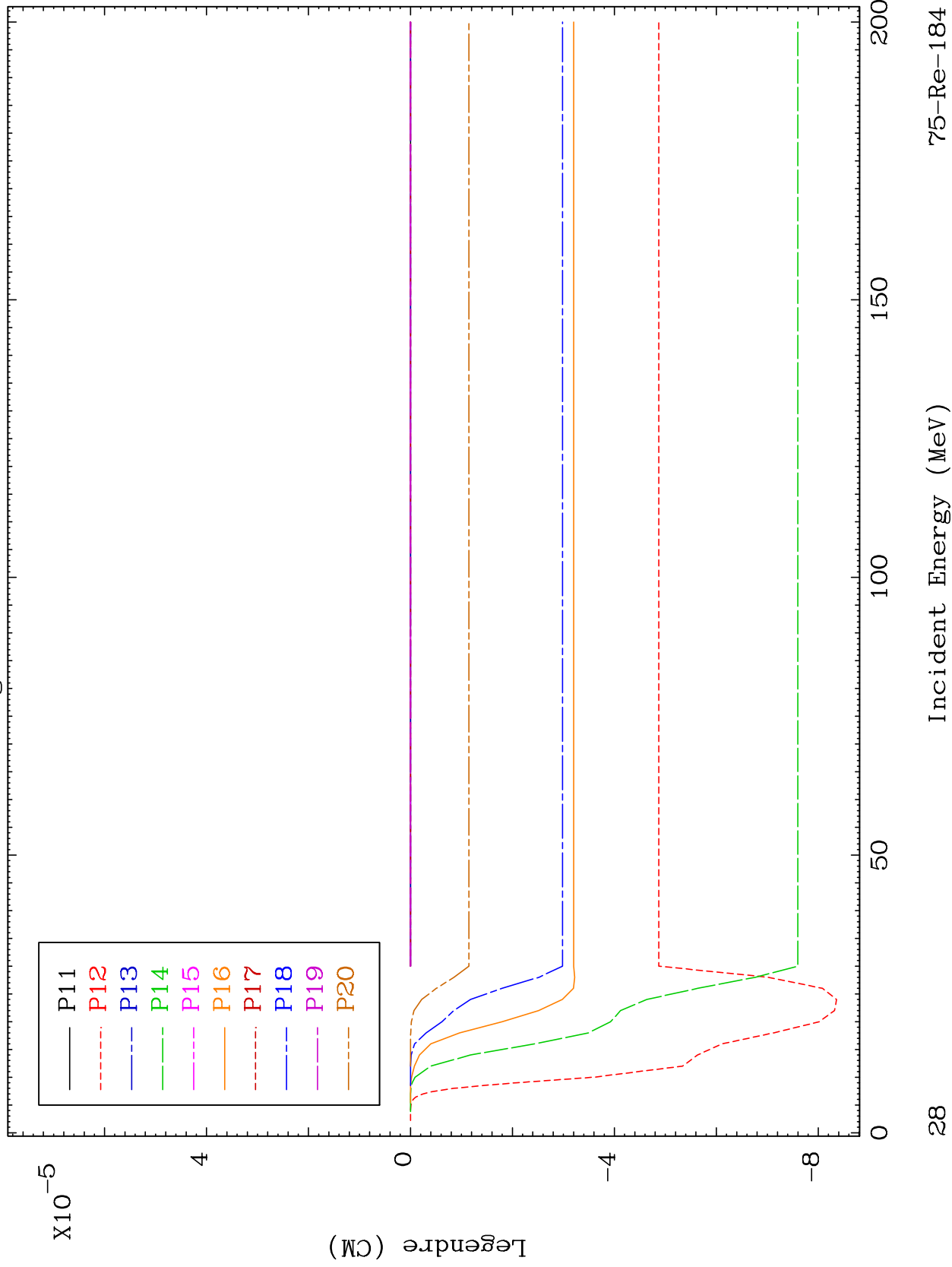




MAT 7522

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

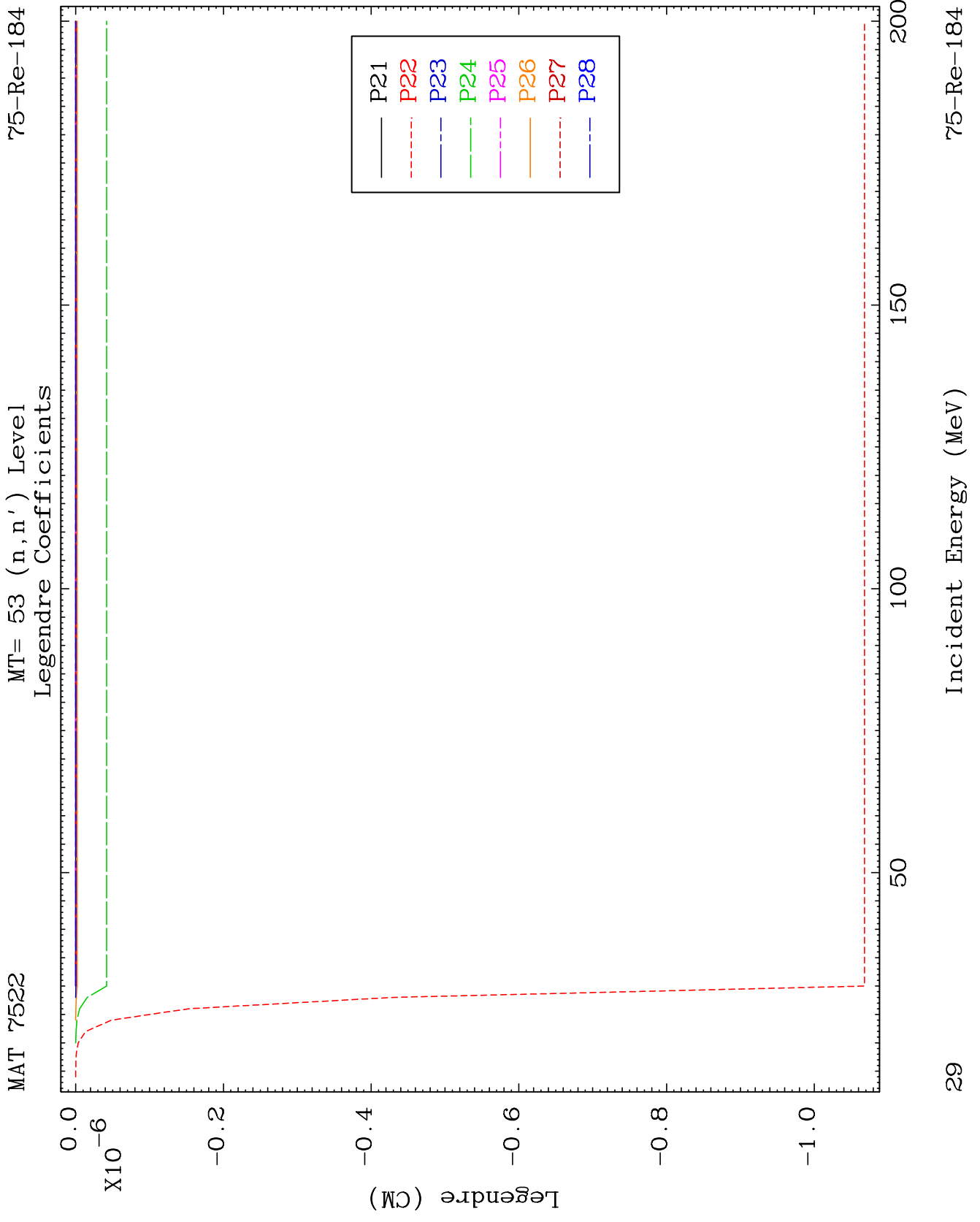
75-Re-184



28

Incident Energy (MeV)

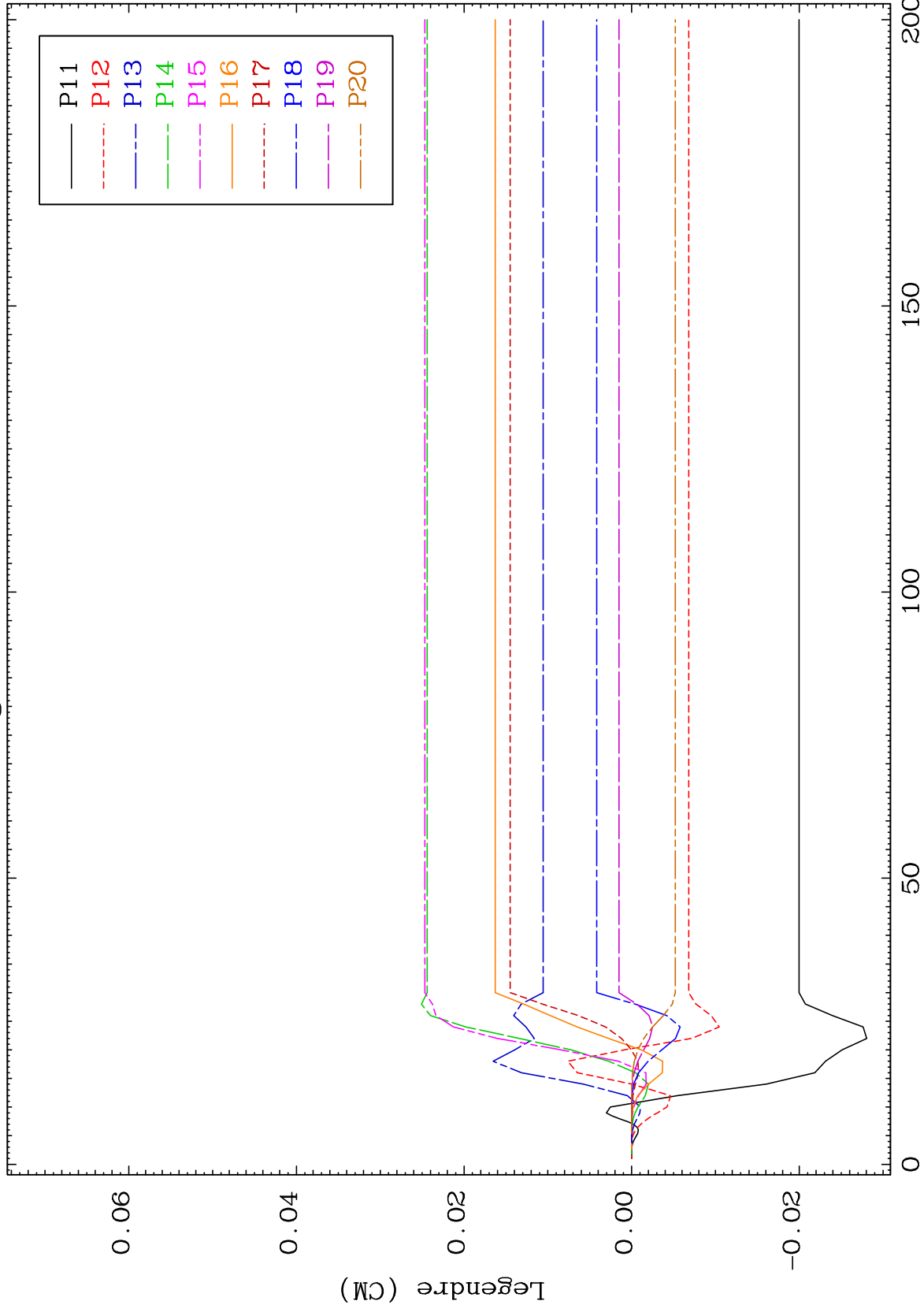
75-Re-184



MAT 7522

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

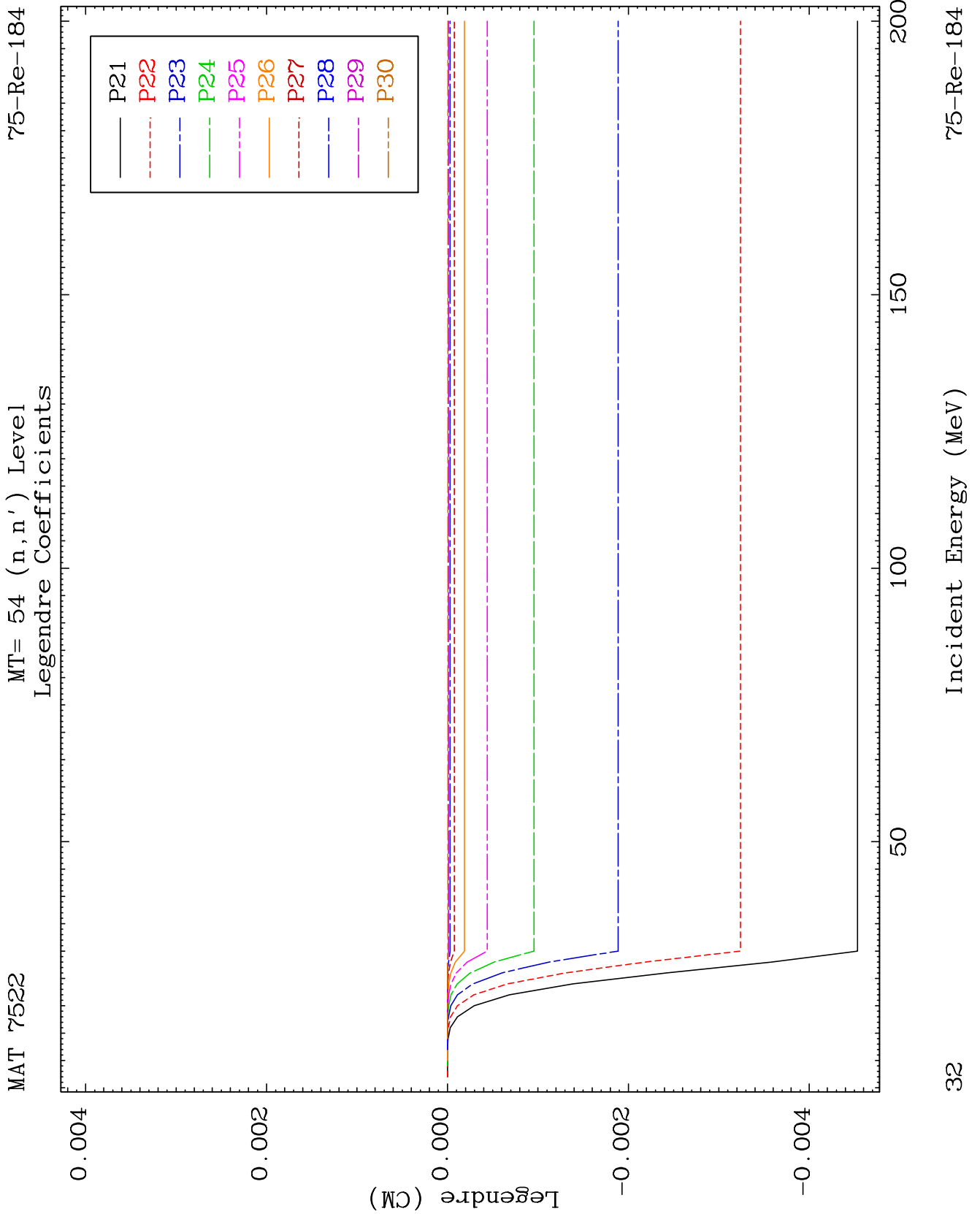
75-Re-184

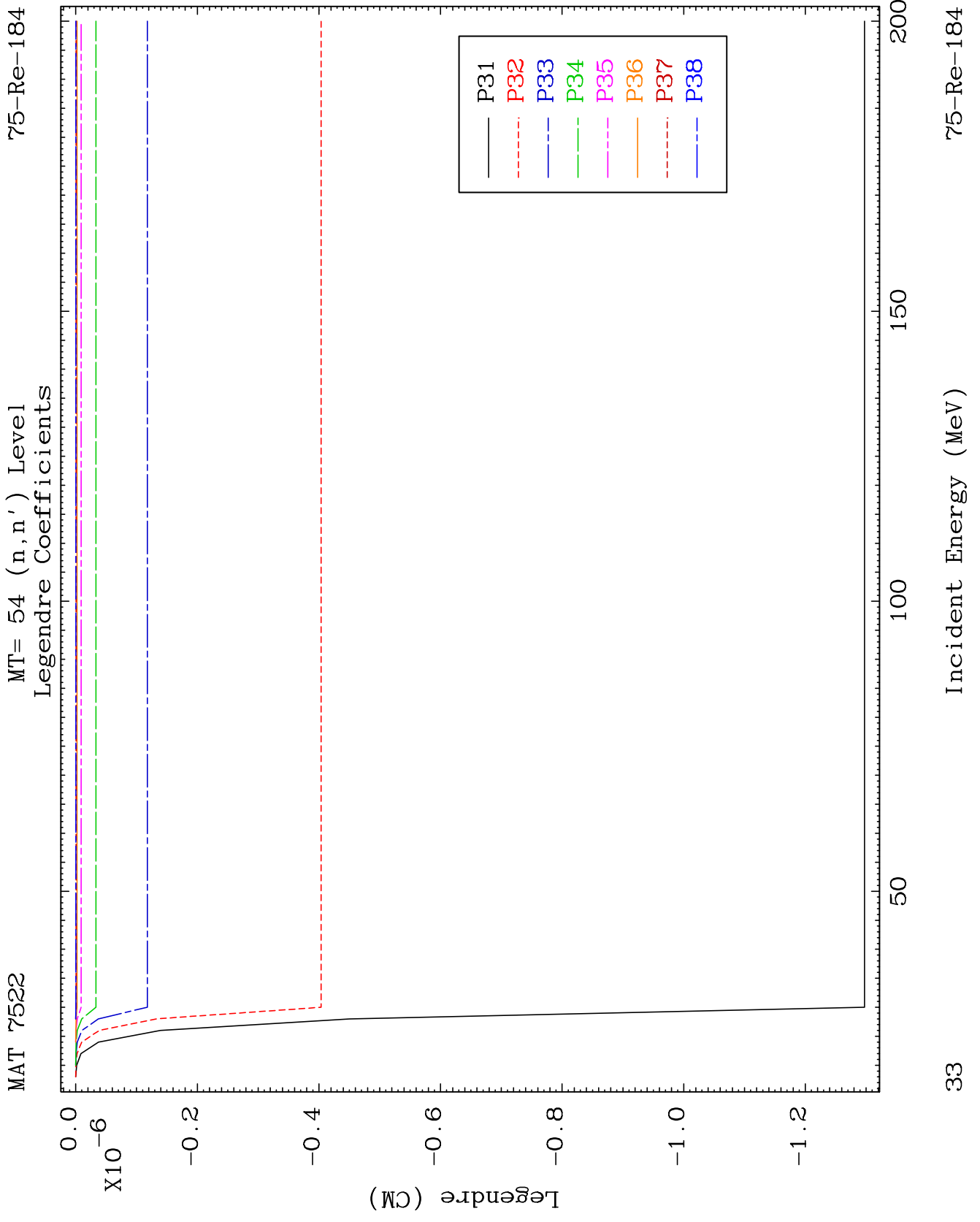


31

Incident Energy (MeV)

75-Re-184

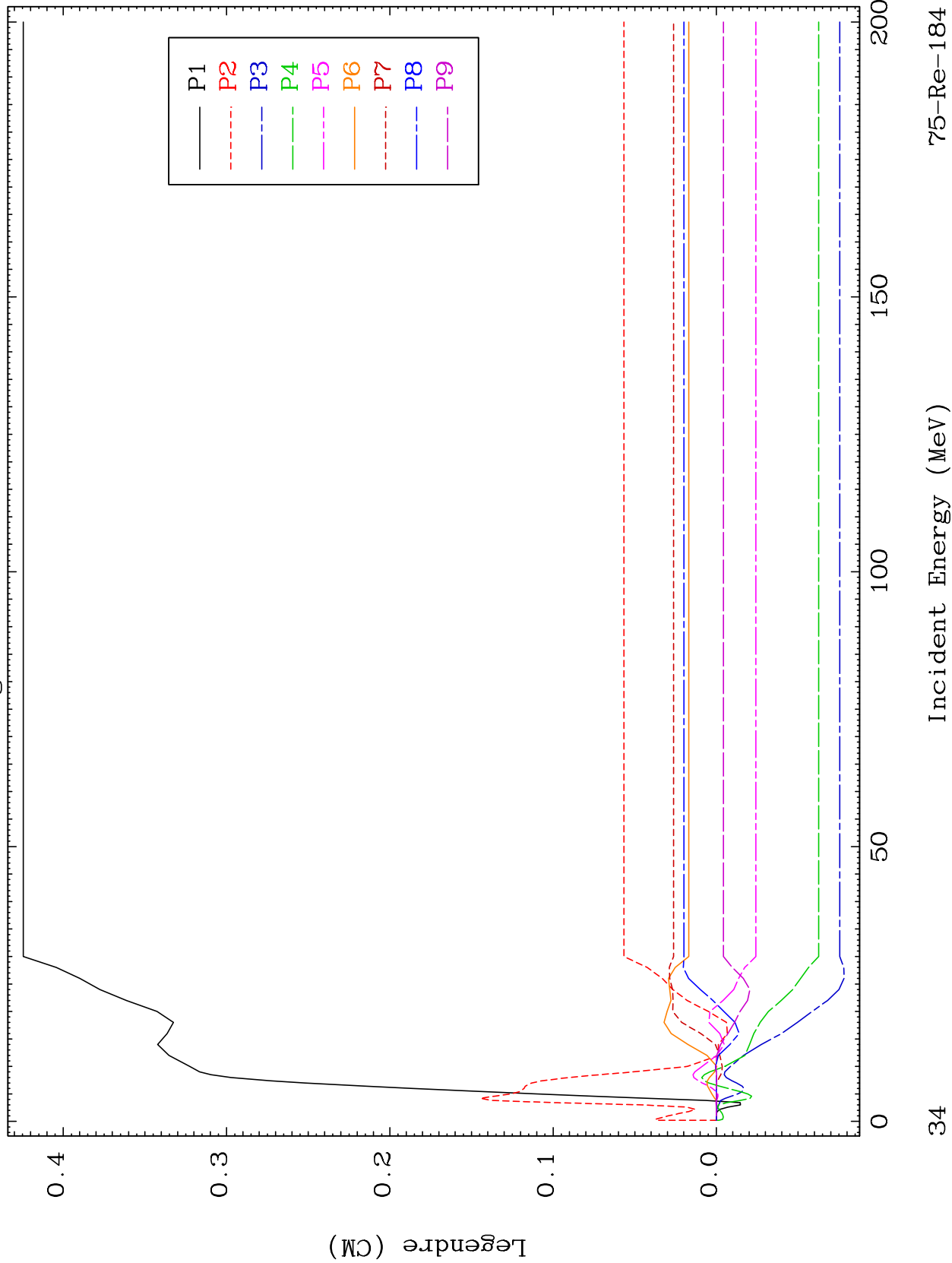




MAT 7522

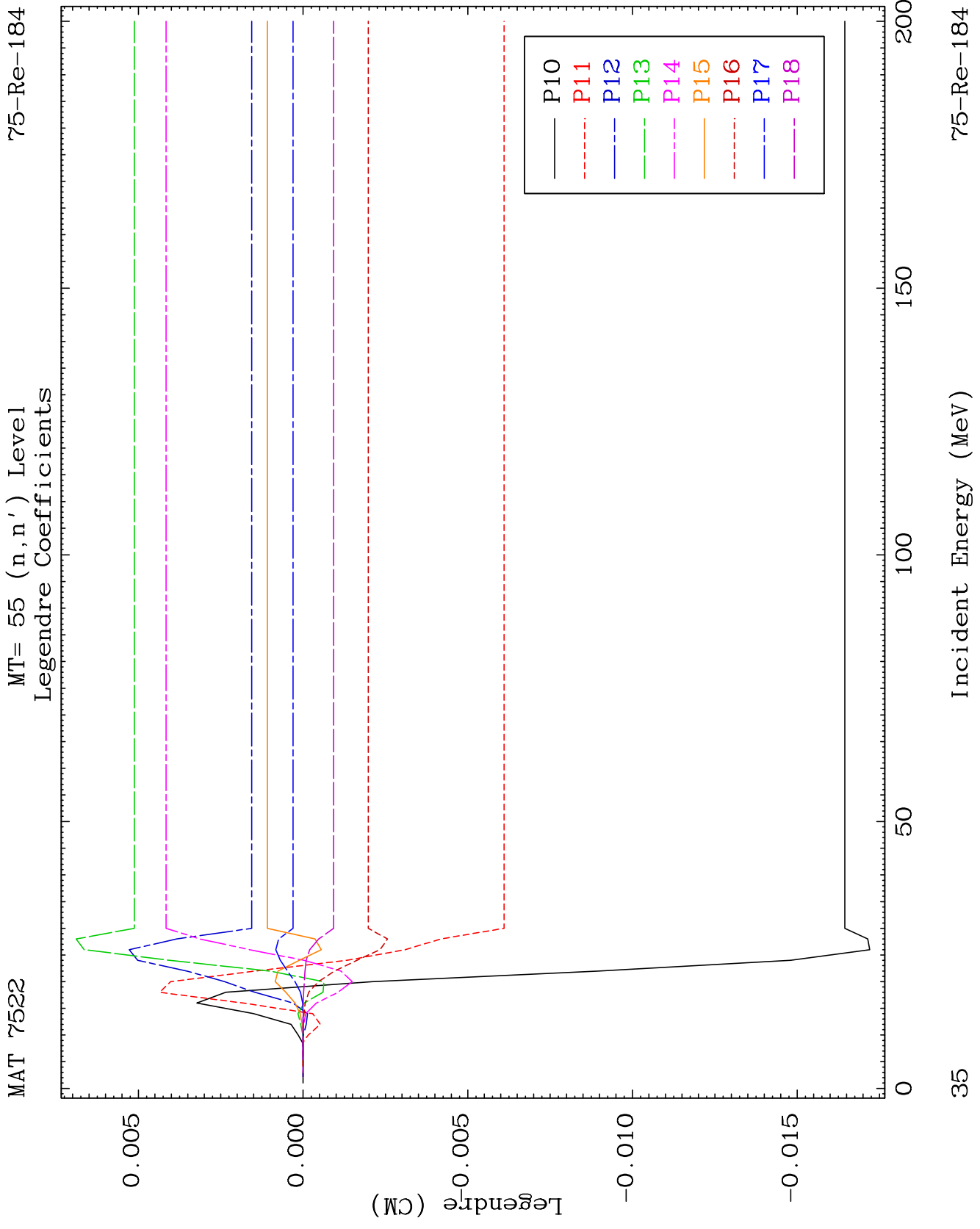
MT= 55 (n,n') Level
Legendre Coefficients

75-Re-184



34

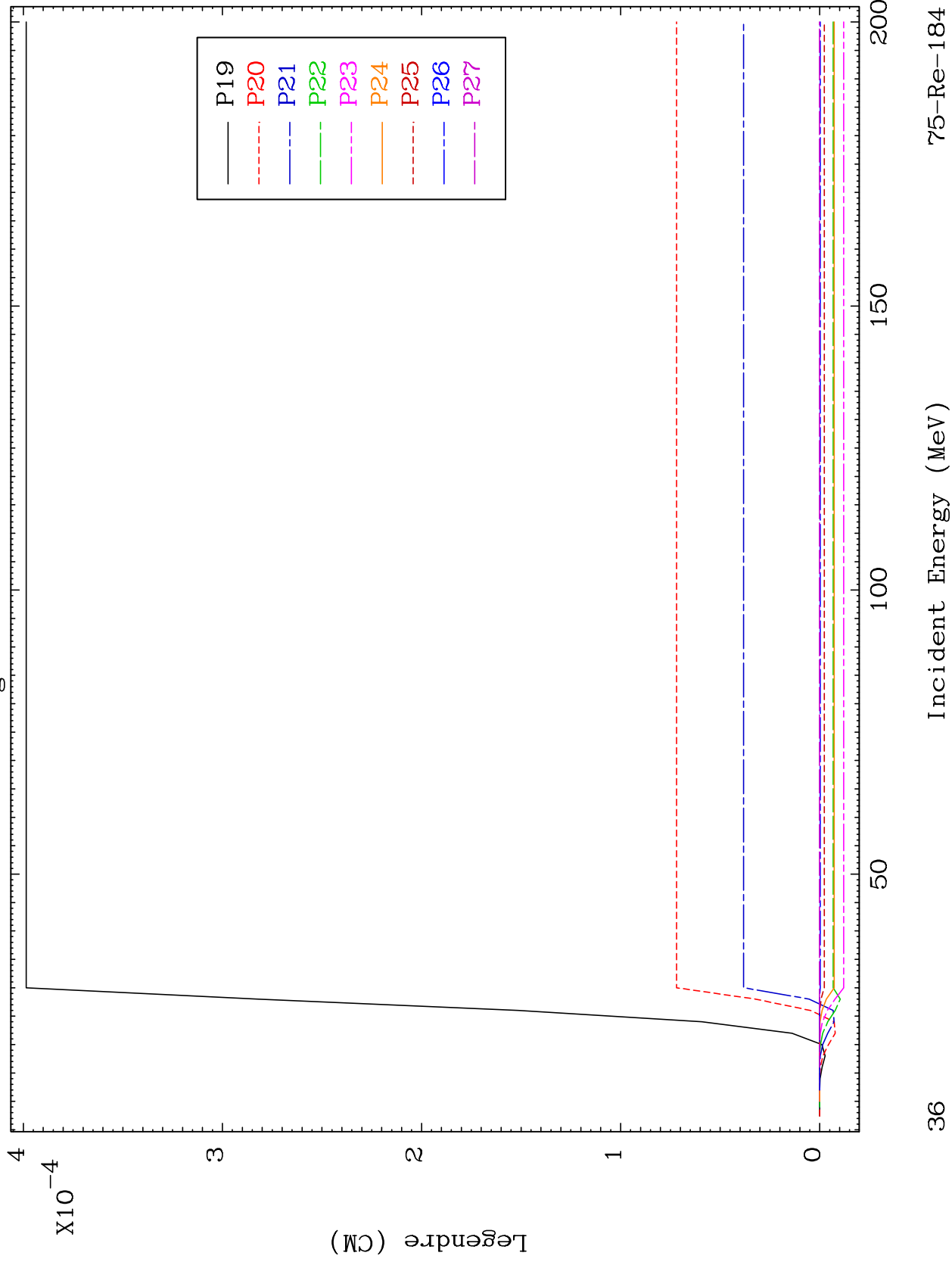
75-Re-184



MAT 7522

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

75-Re-184



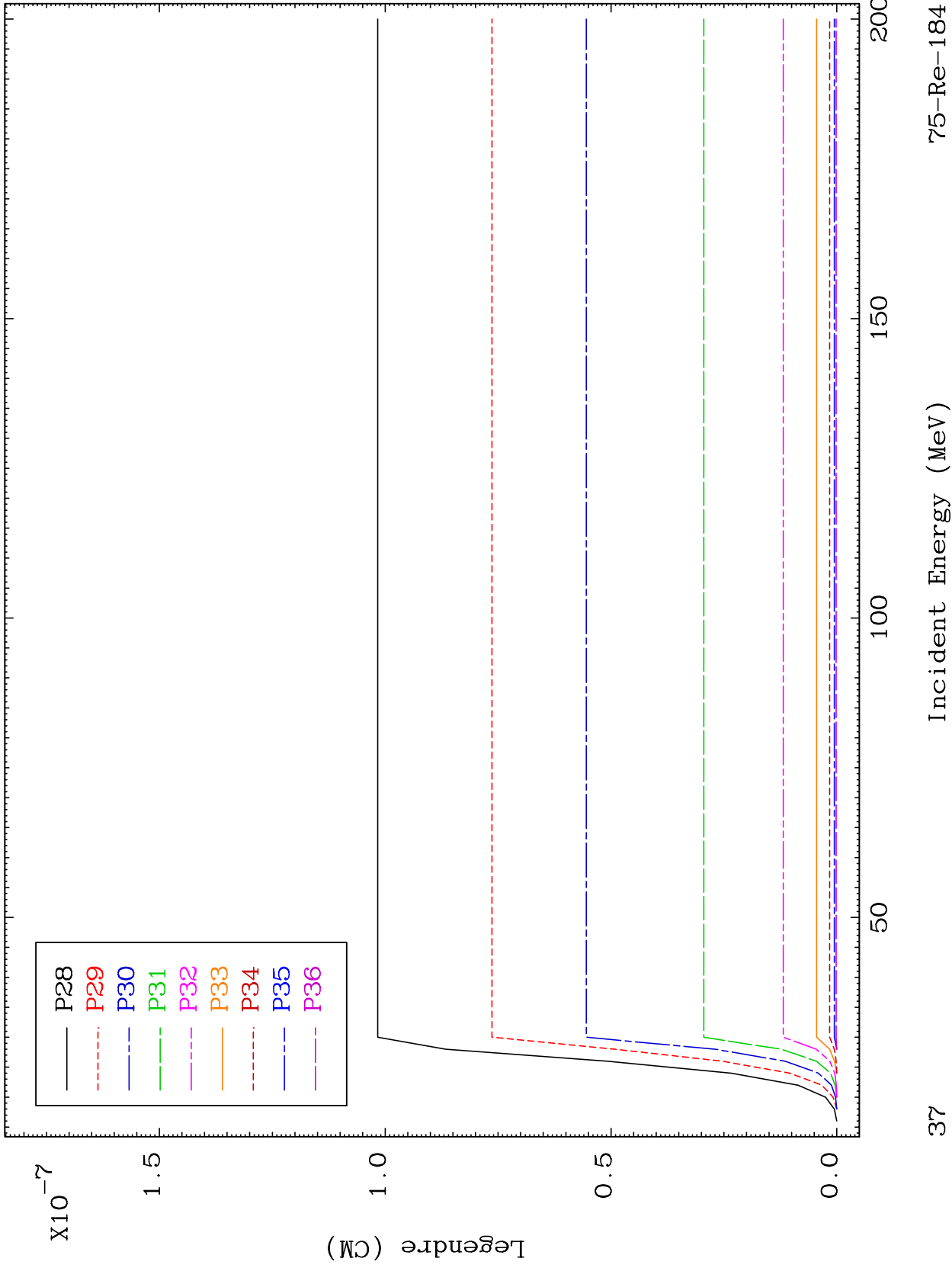
36

75-Re-184

MAT 7522

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

75-Re-184



37

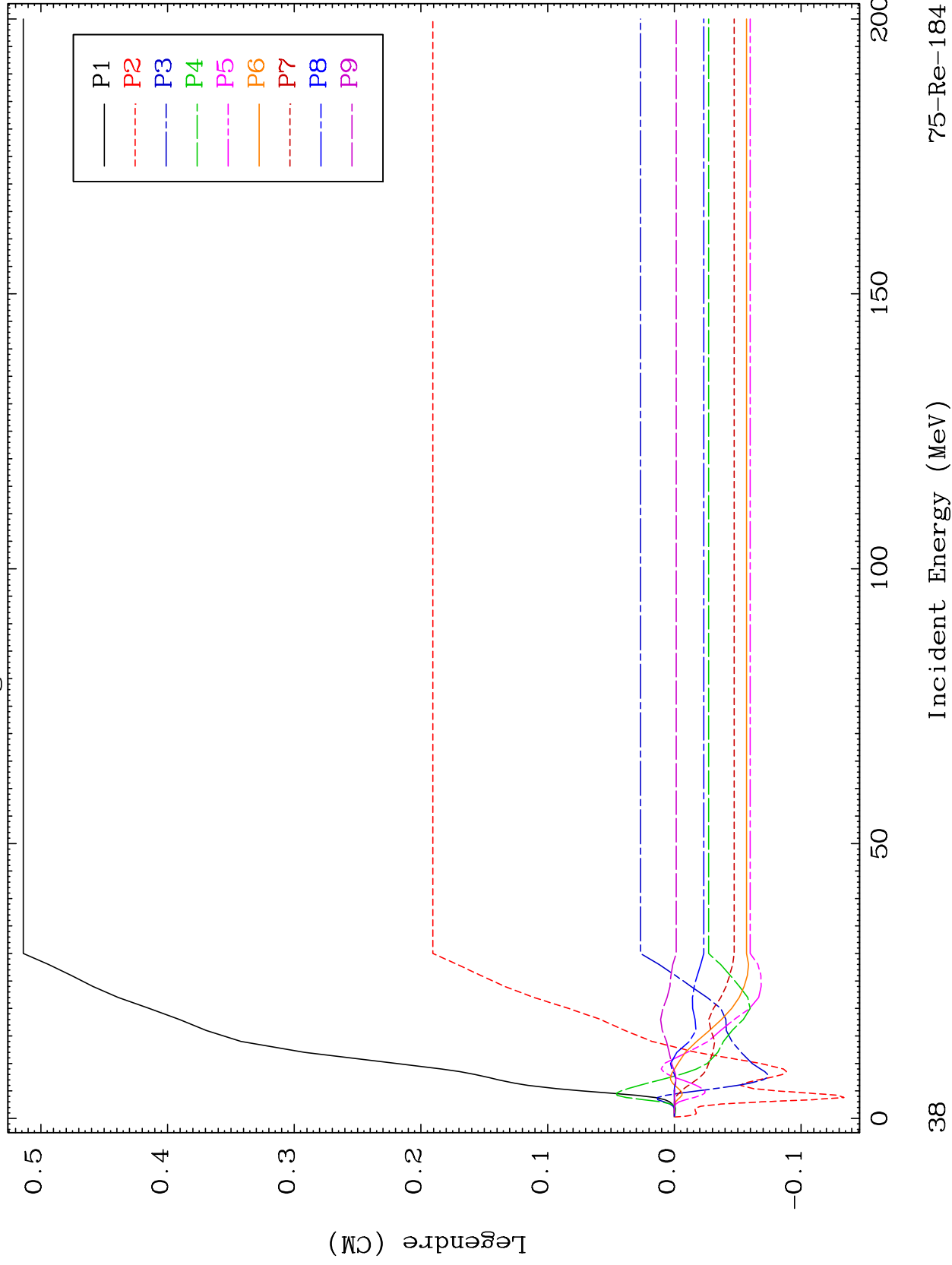
Incident Energy (MeV)

75-Re-184

MAT 7522

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

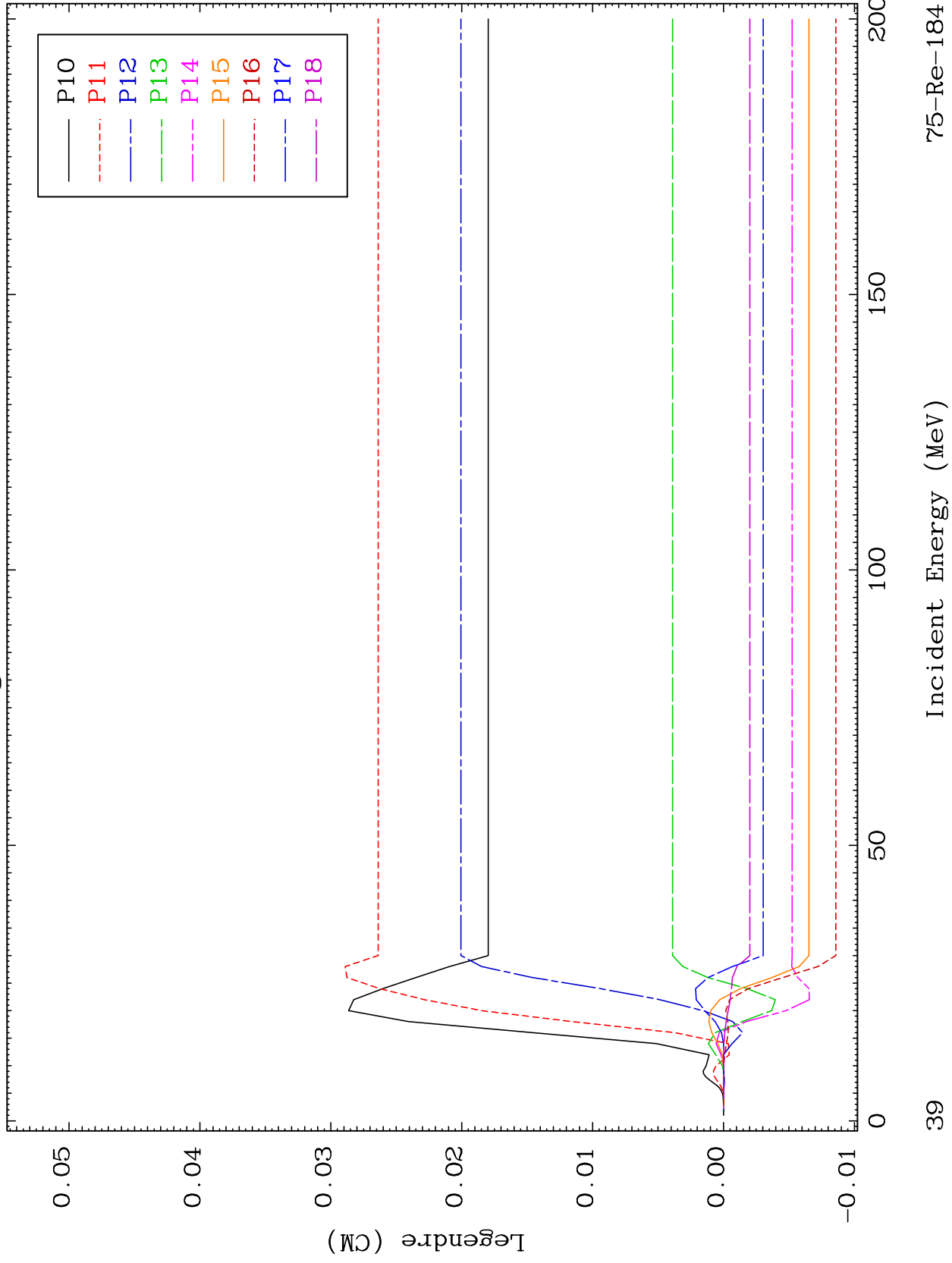
75-Re-184



MAT 7522

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

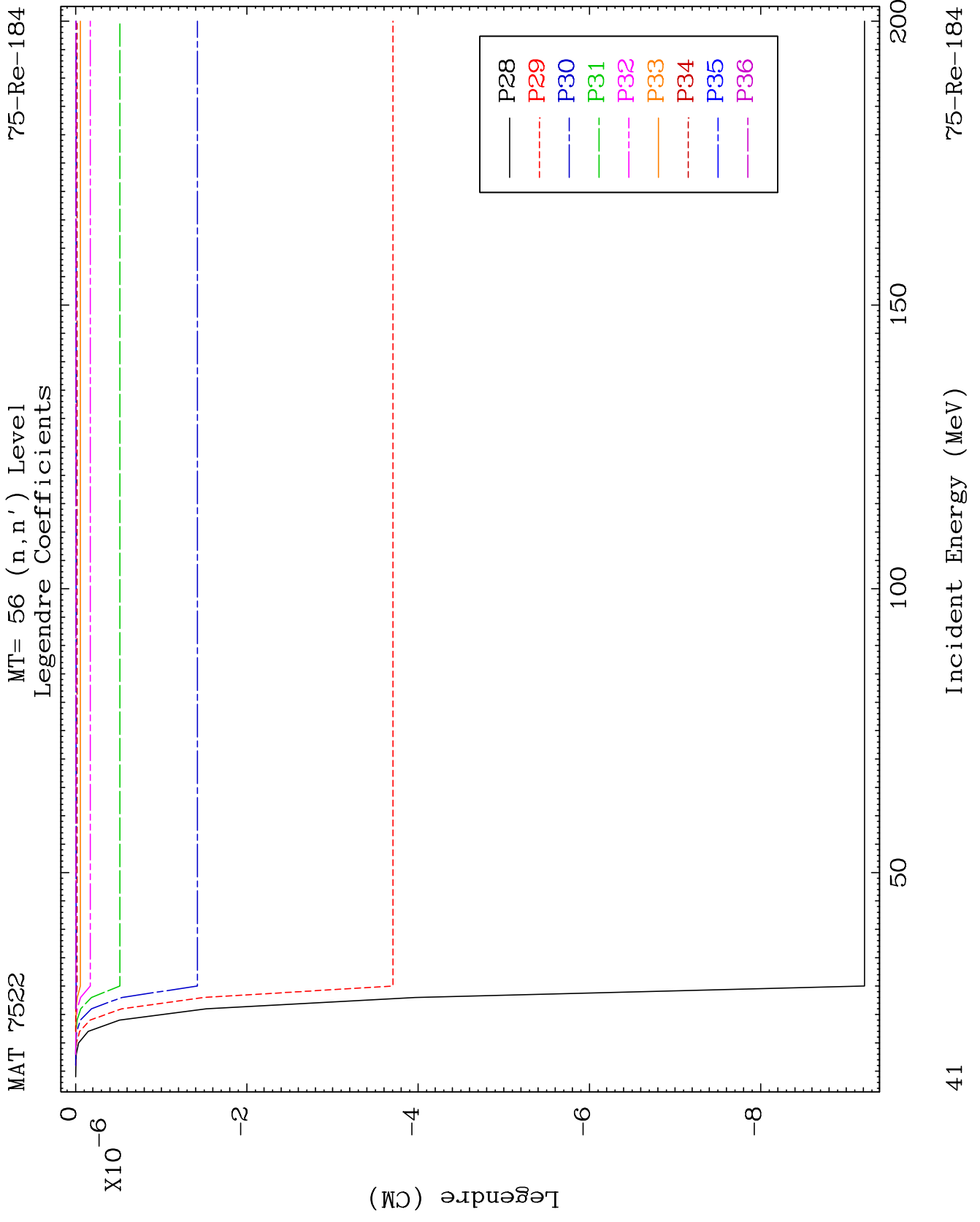
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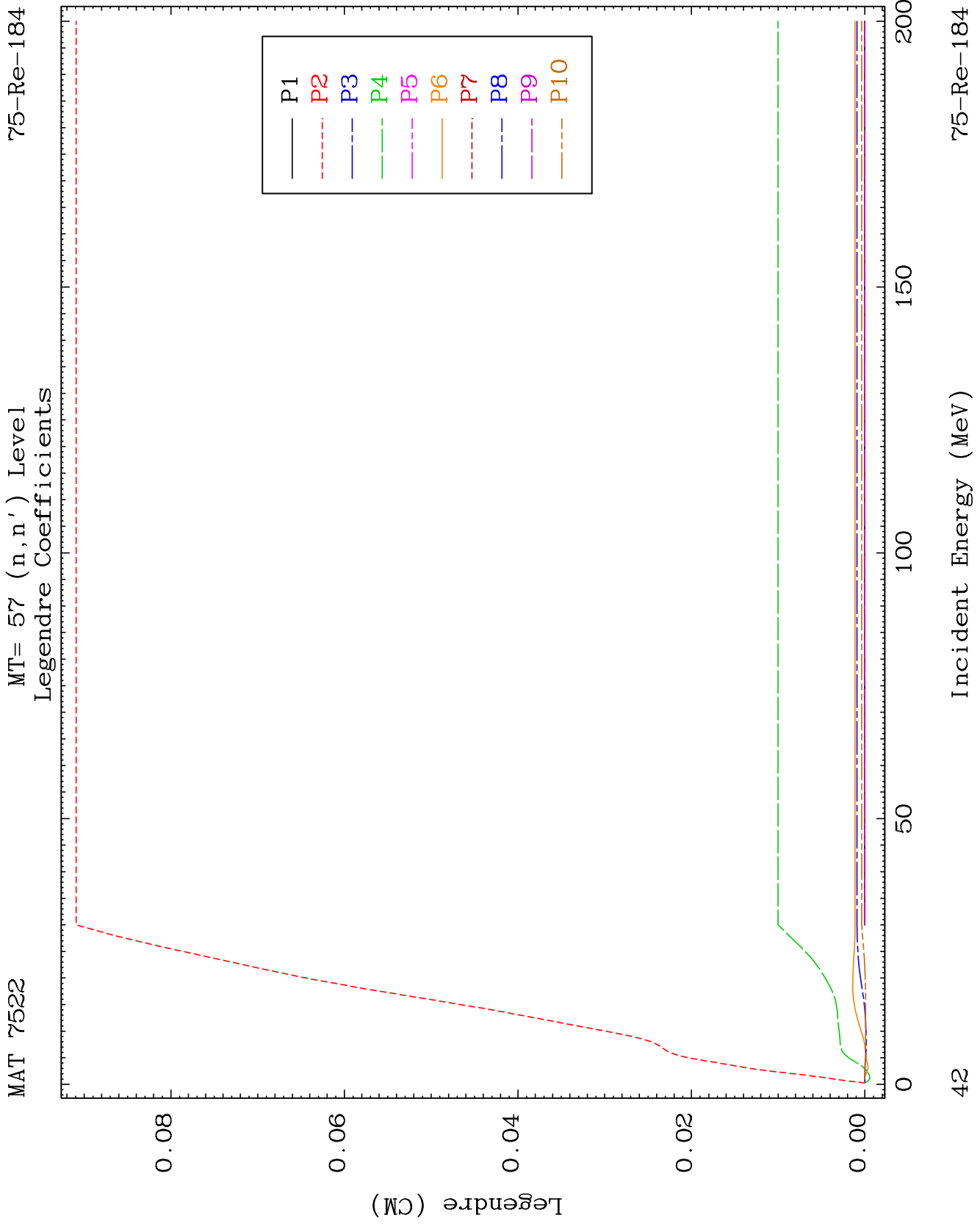


39

Incident Energy (MeV)

75-Re-184

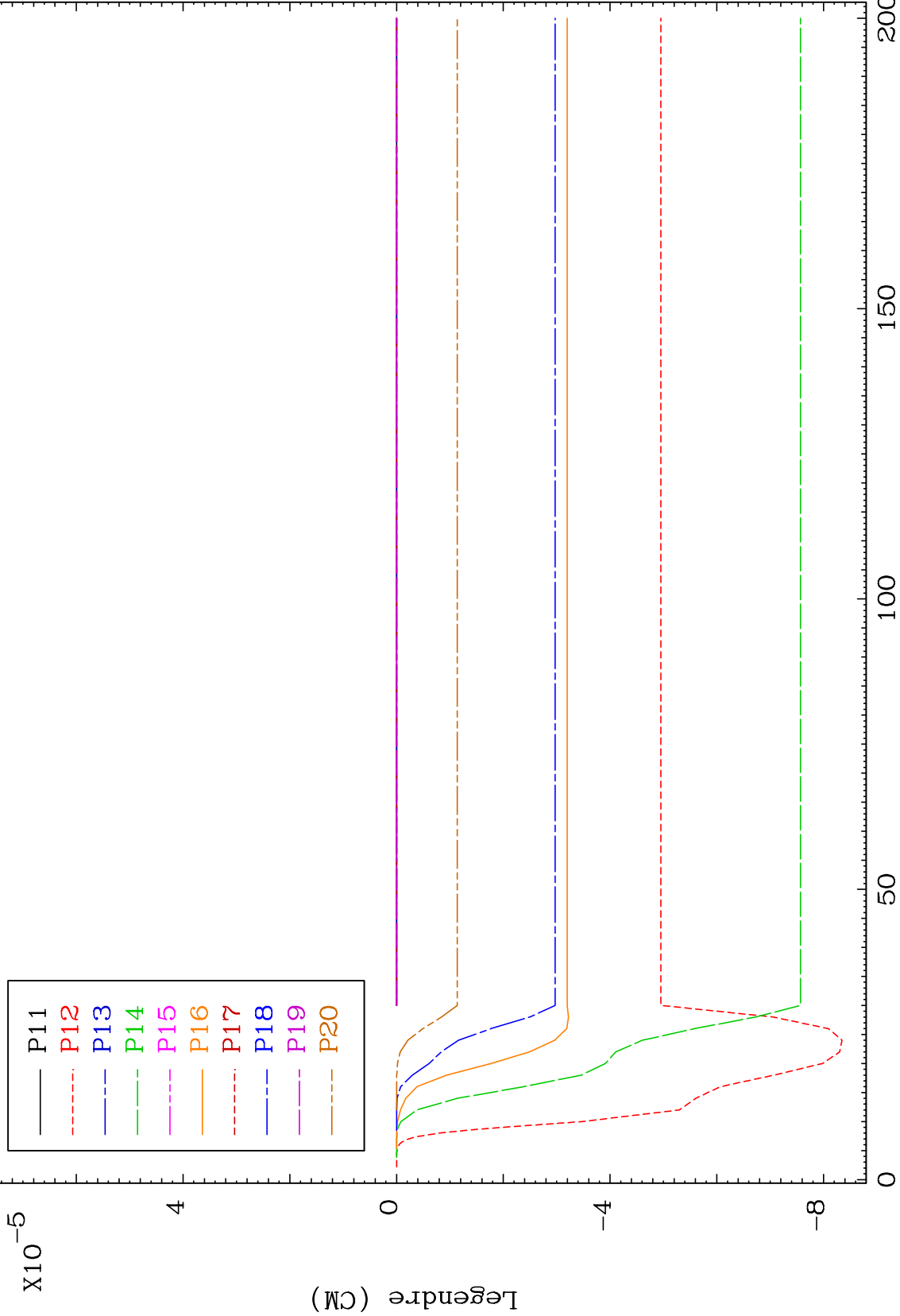
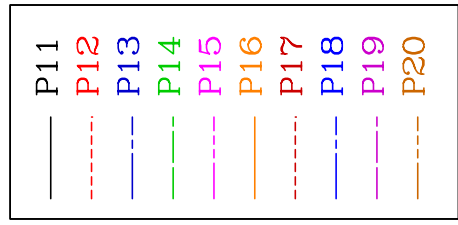




MAT 7522

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

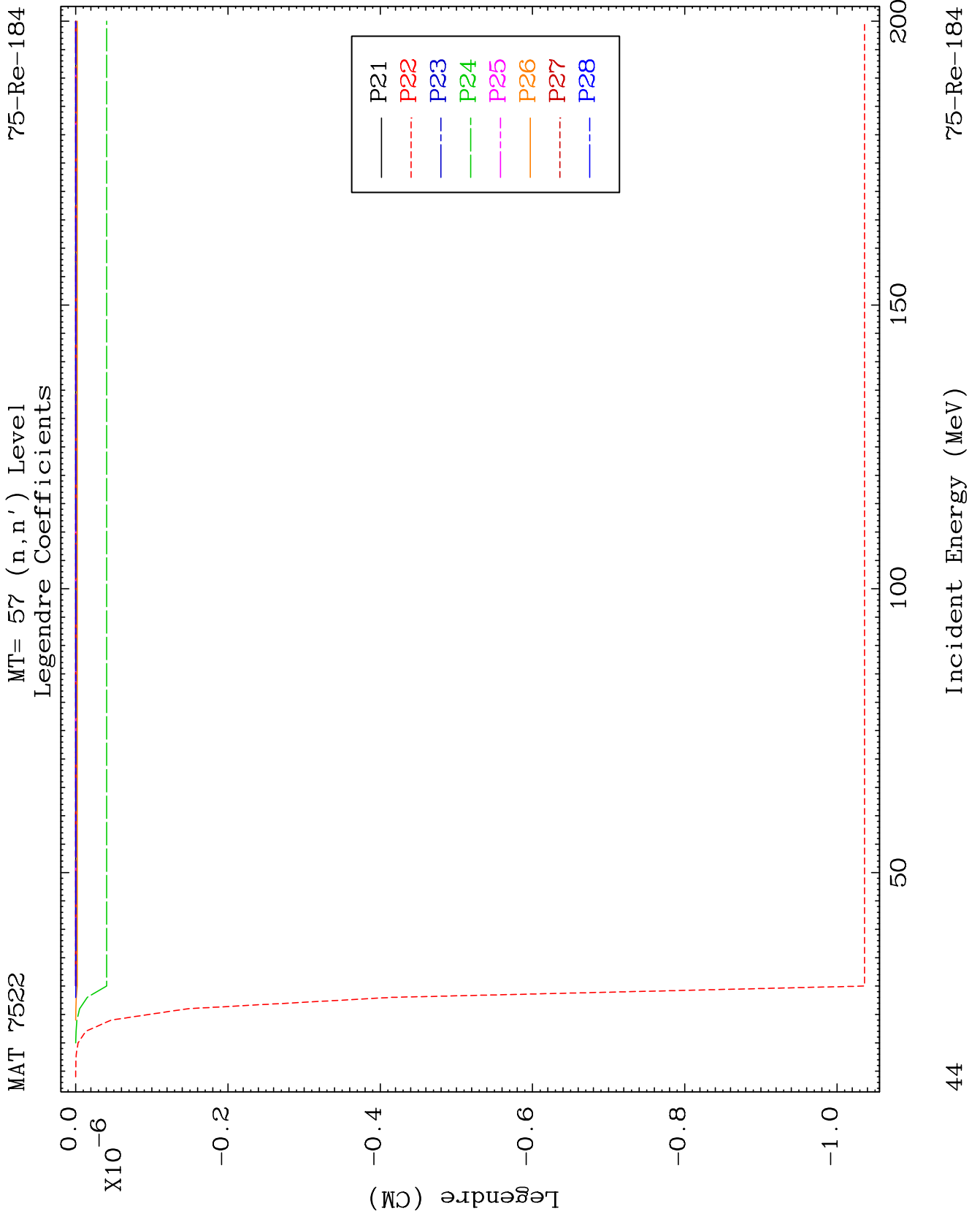
75-Re-184



43

Incident Energy (MeV)

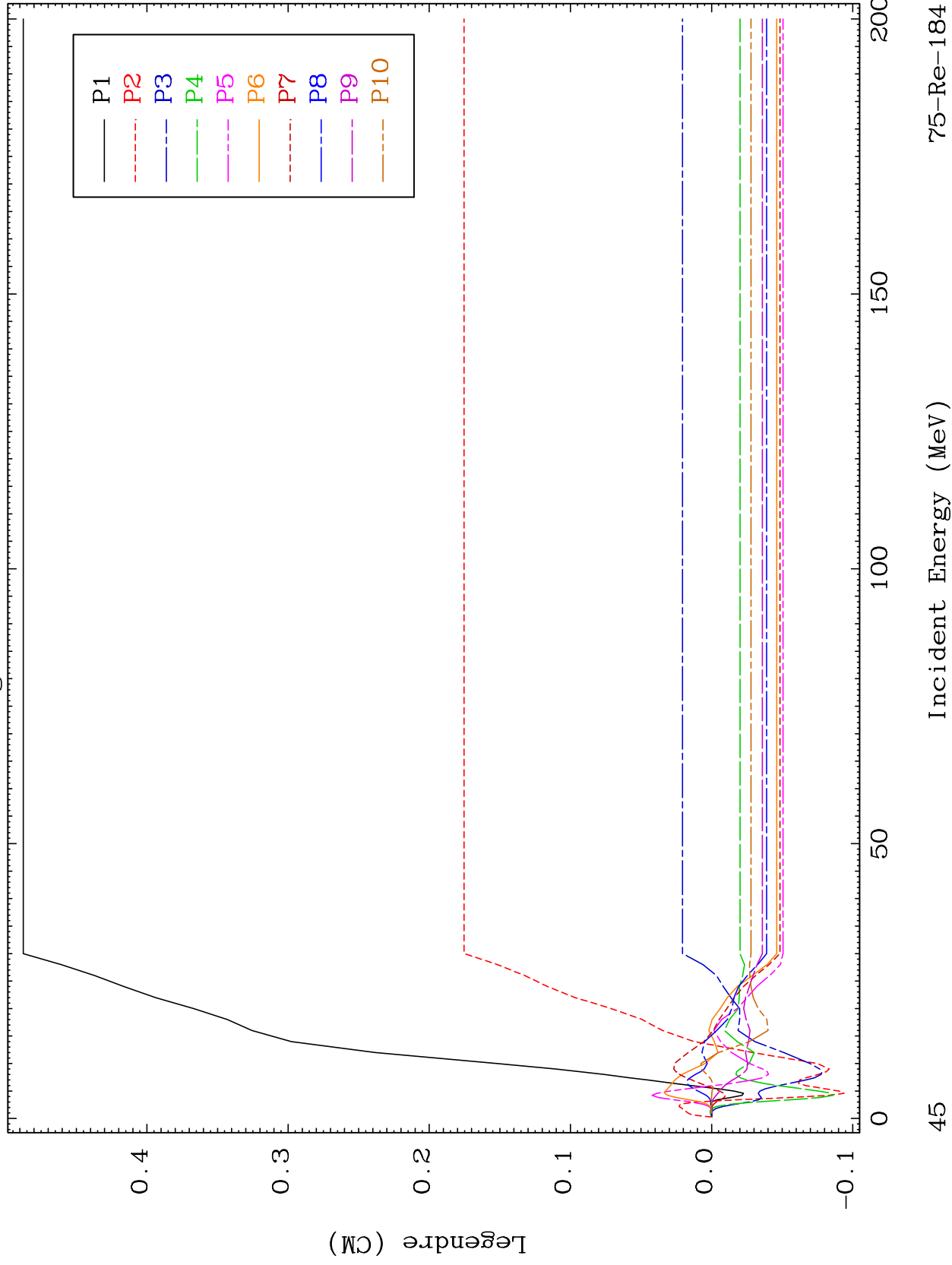
75-Re-184



MAT 7522

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

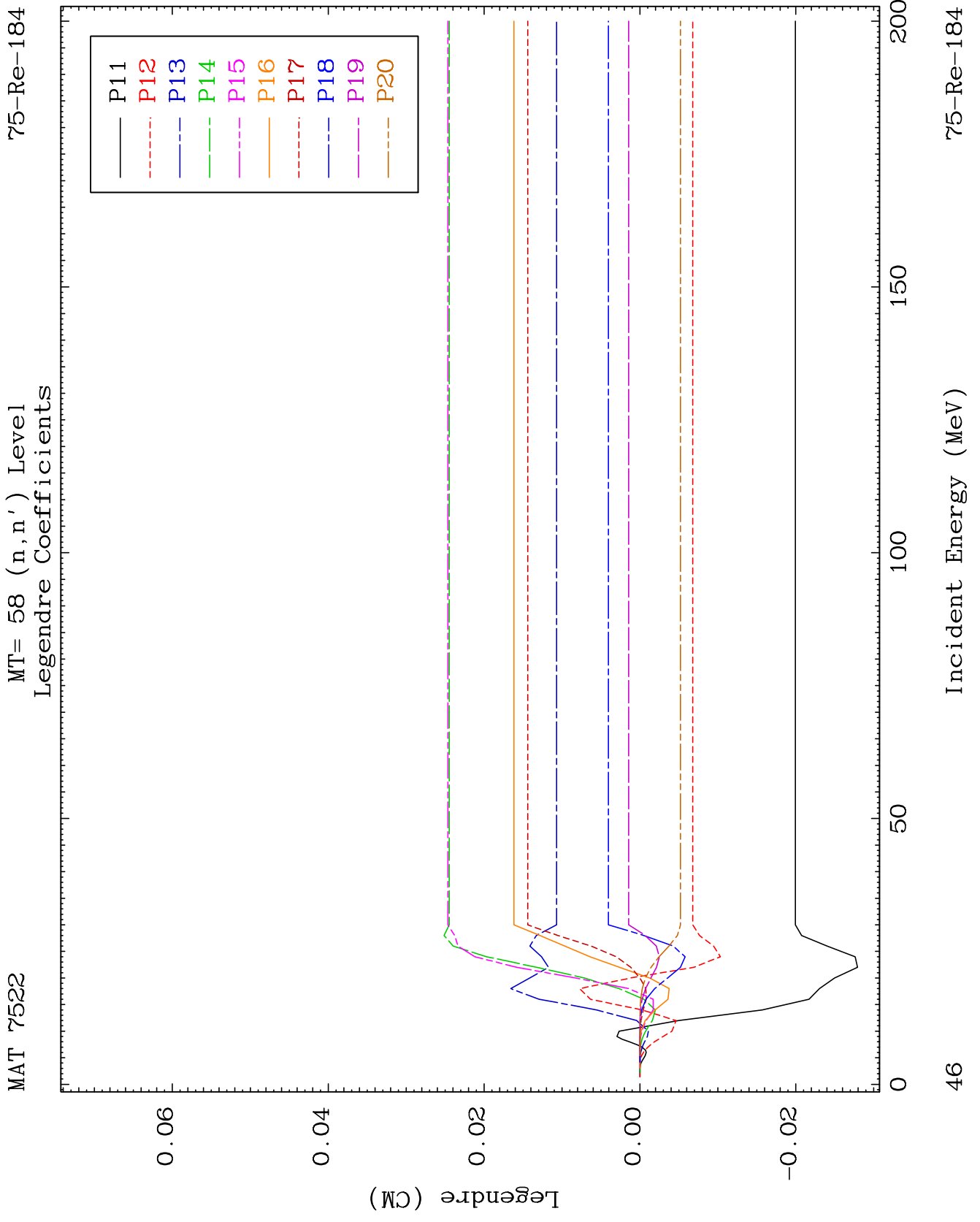
75-Re-184



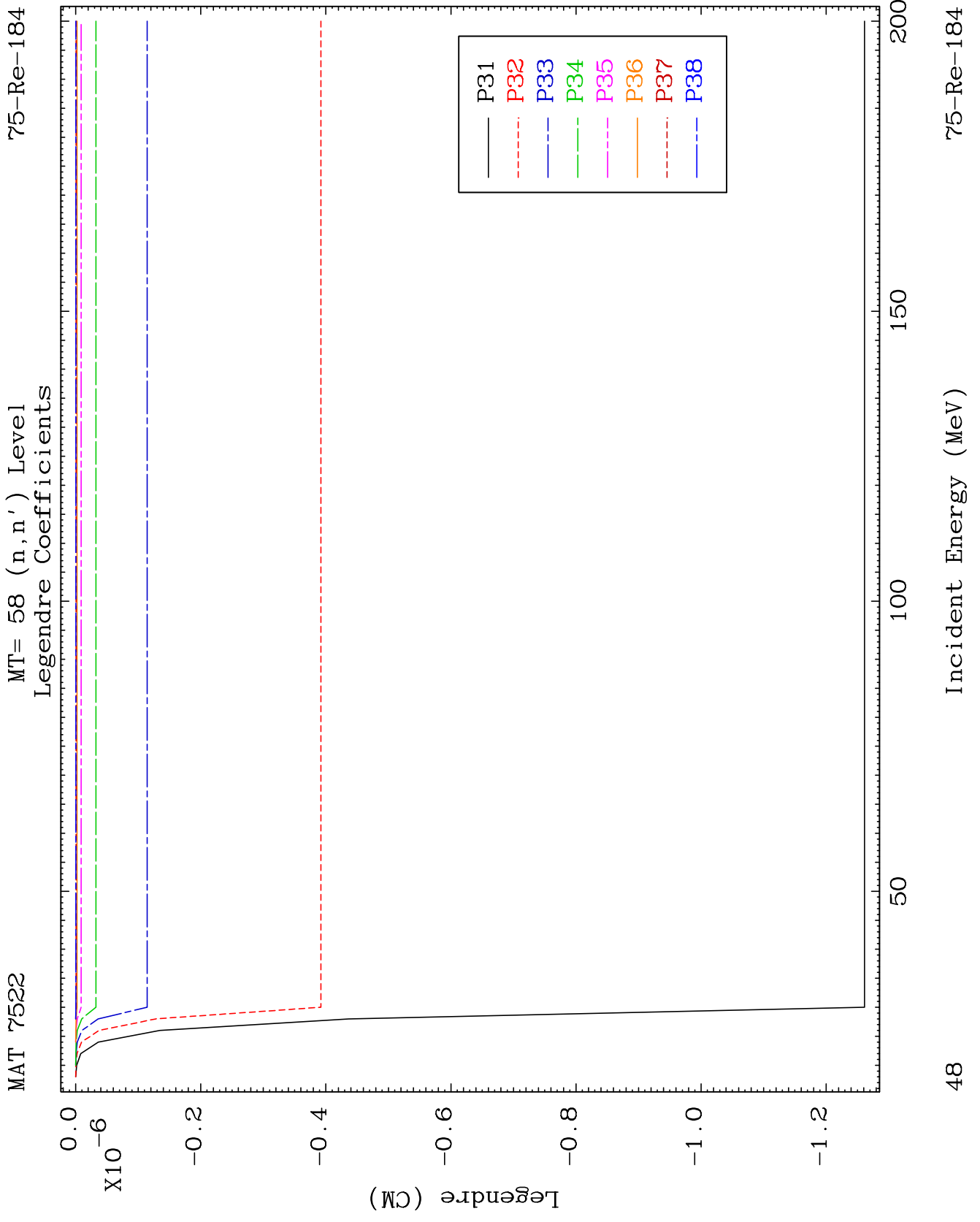
75-Re-184

Incident Energy (MeV)

45



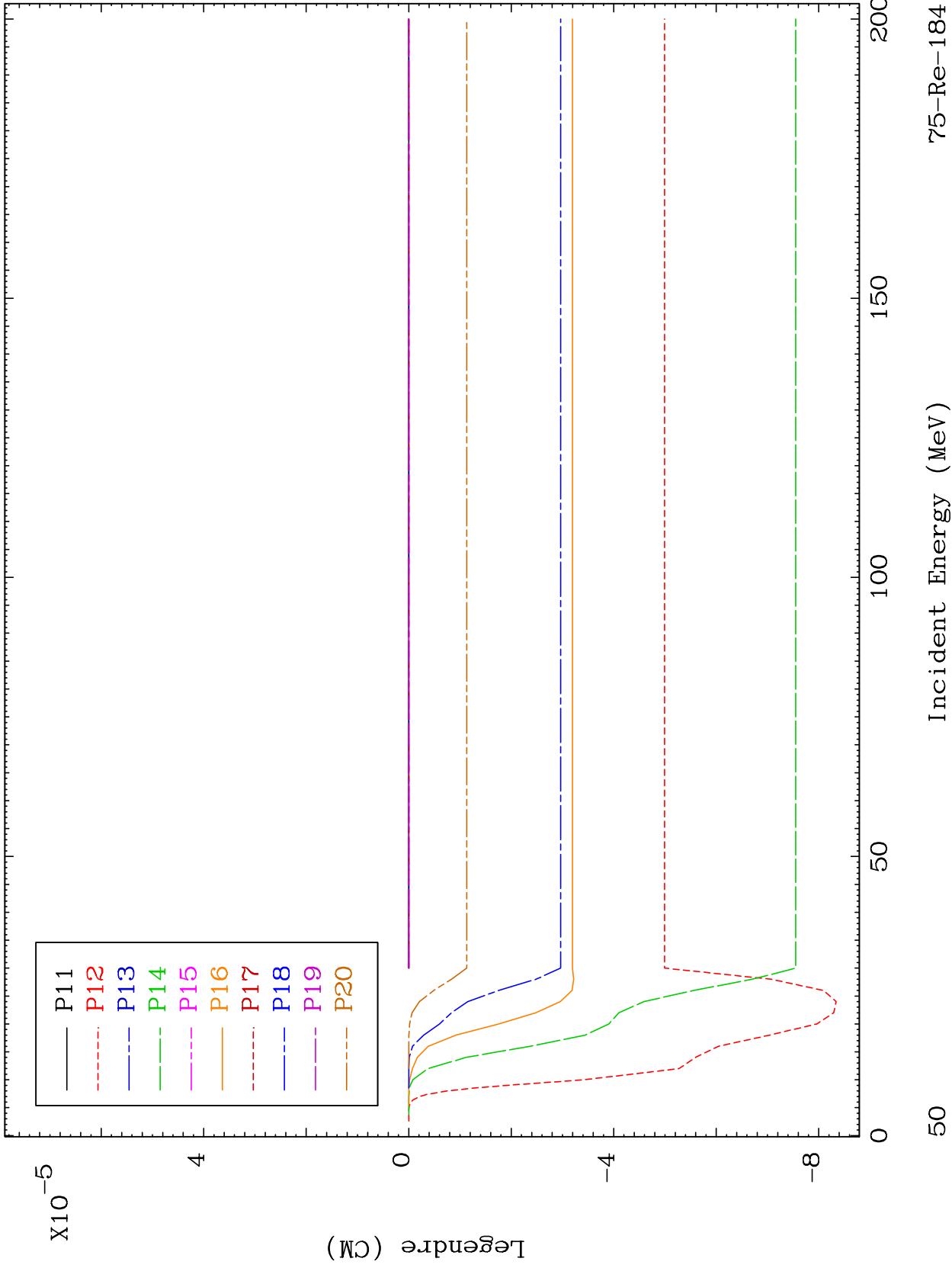


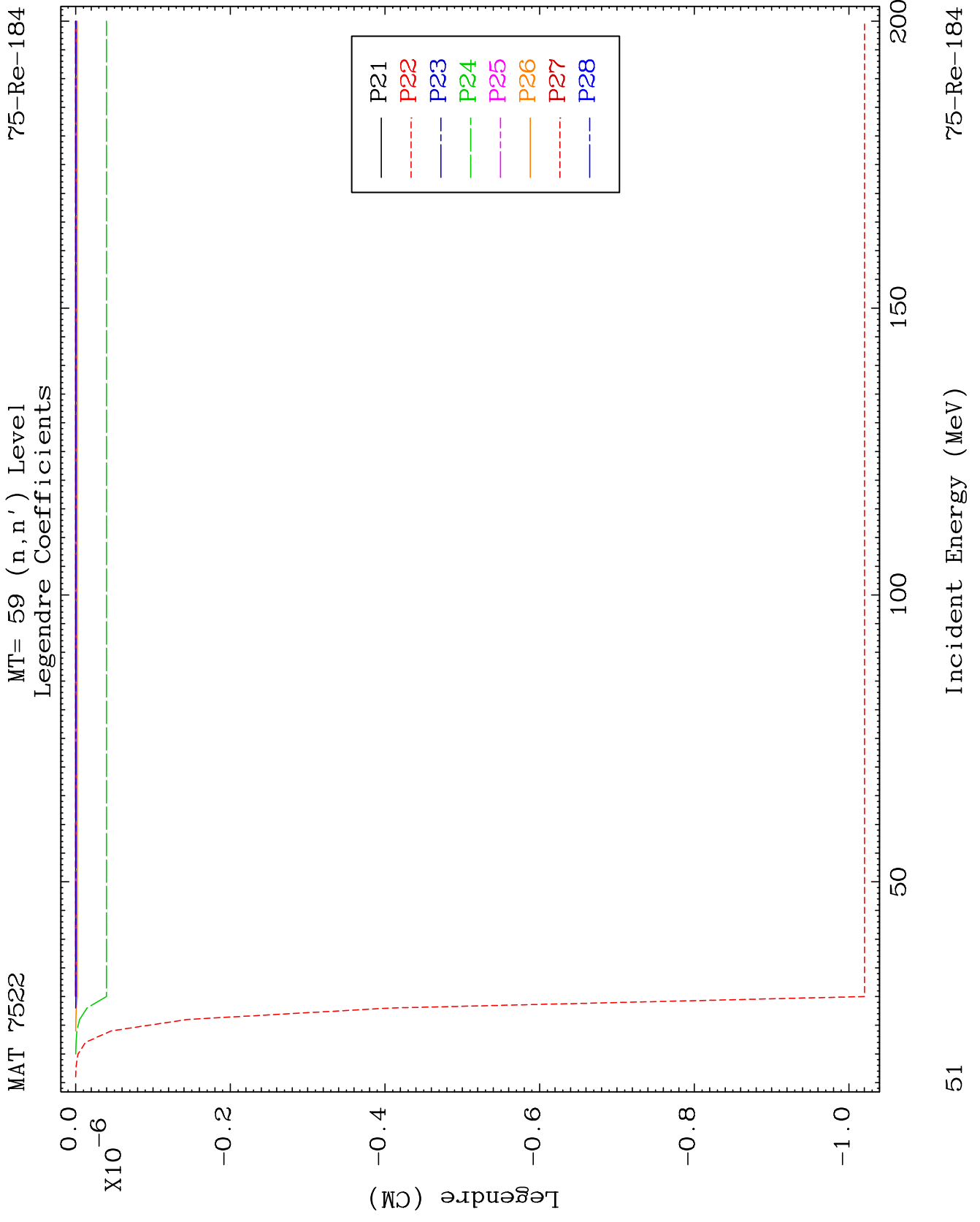


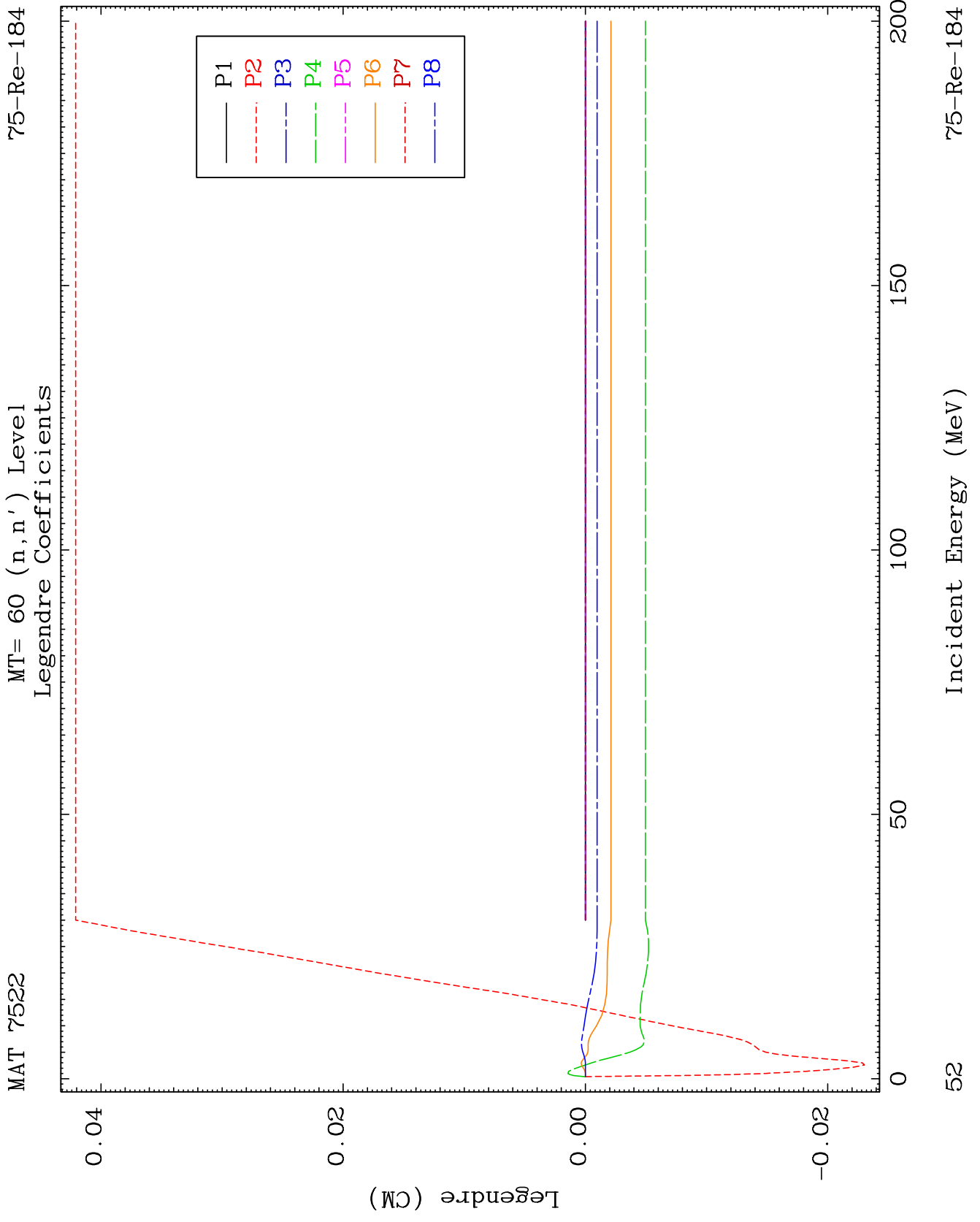
MAT 7522

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

75-Re-184



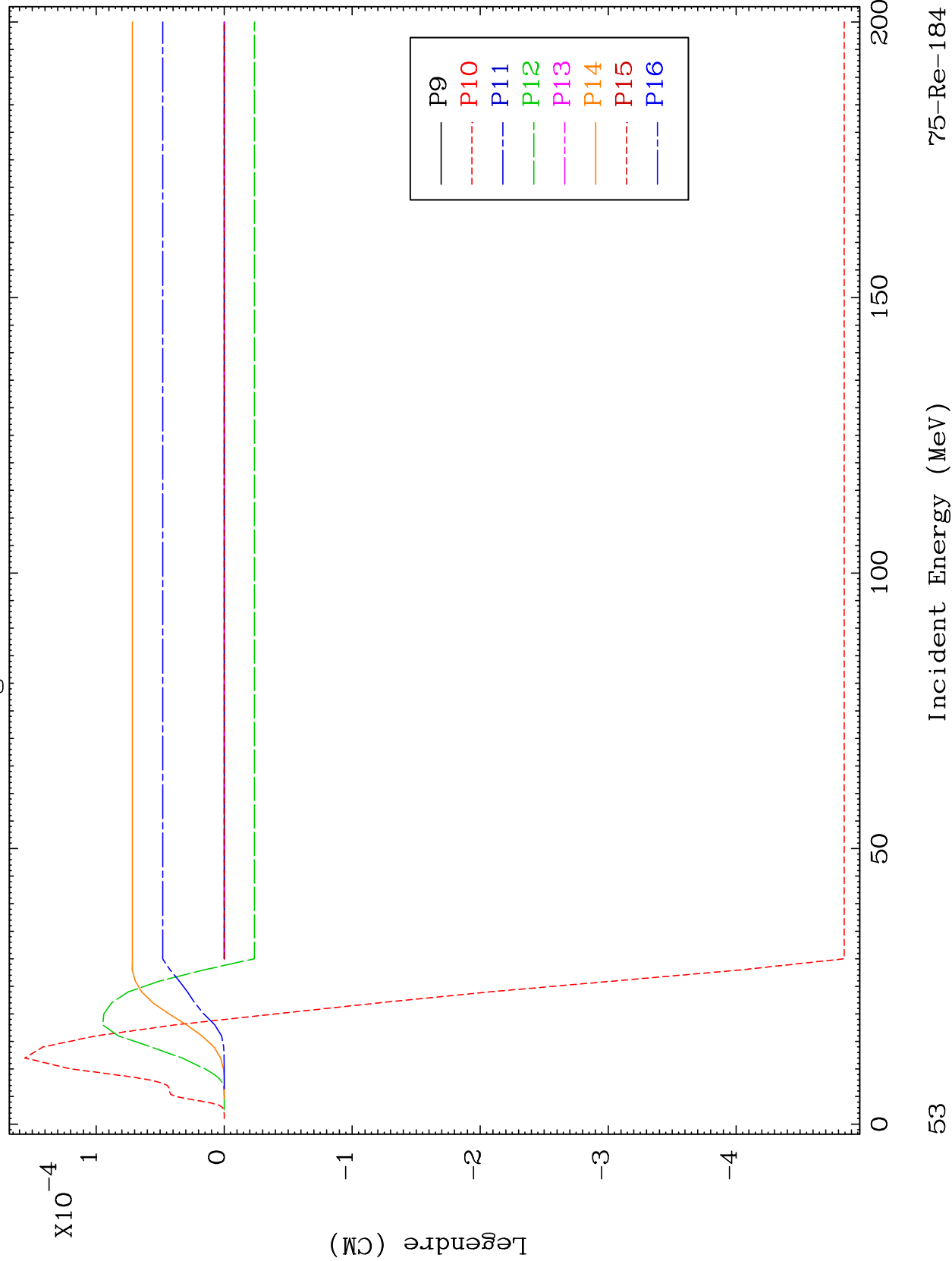




MAT 7522

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

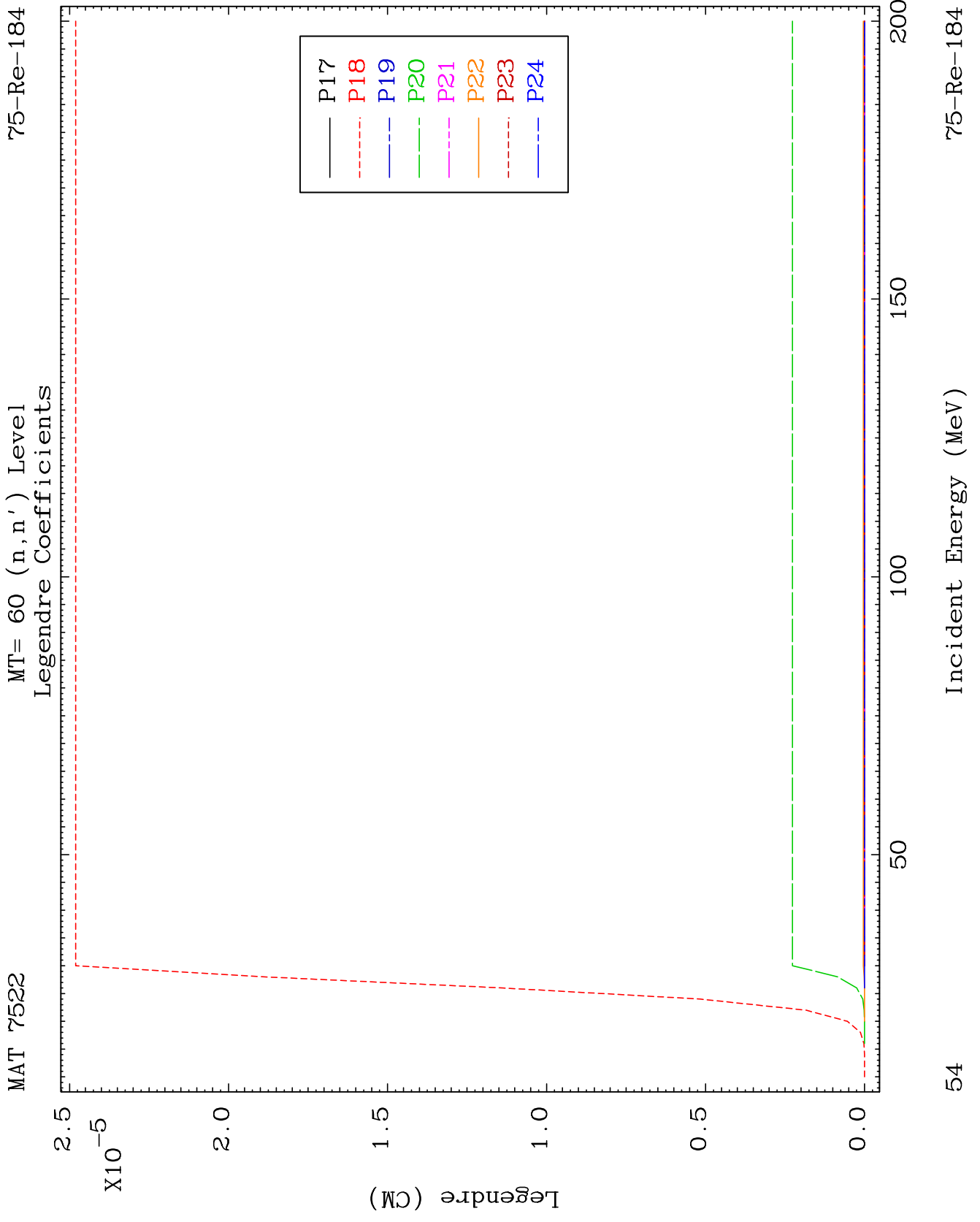
75-Re-184



53

Incident Energy (MeV)

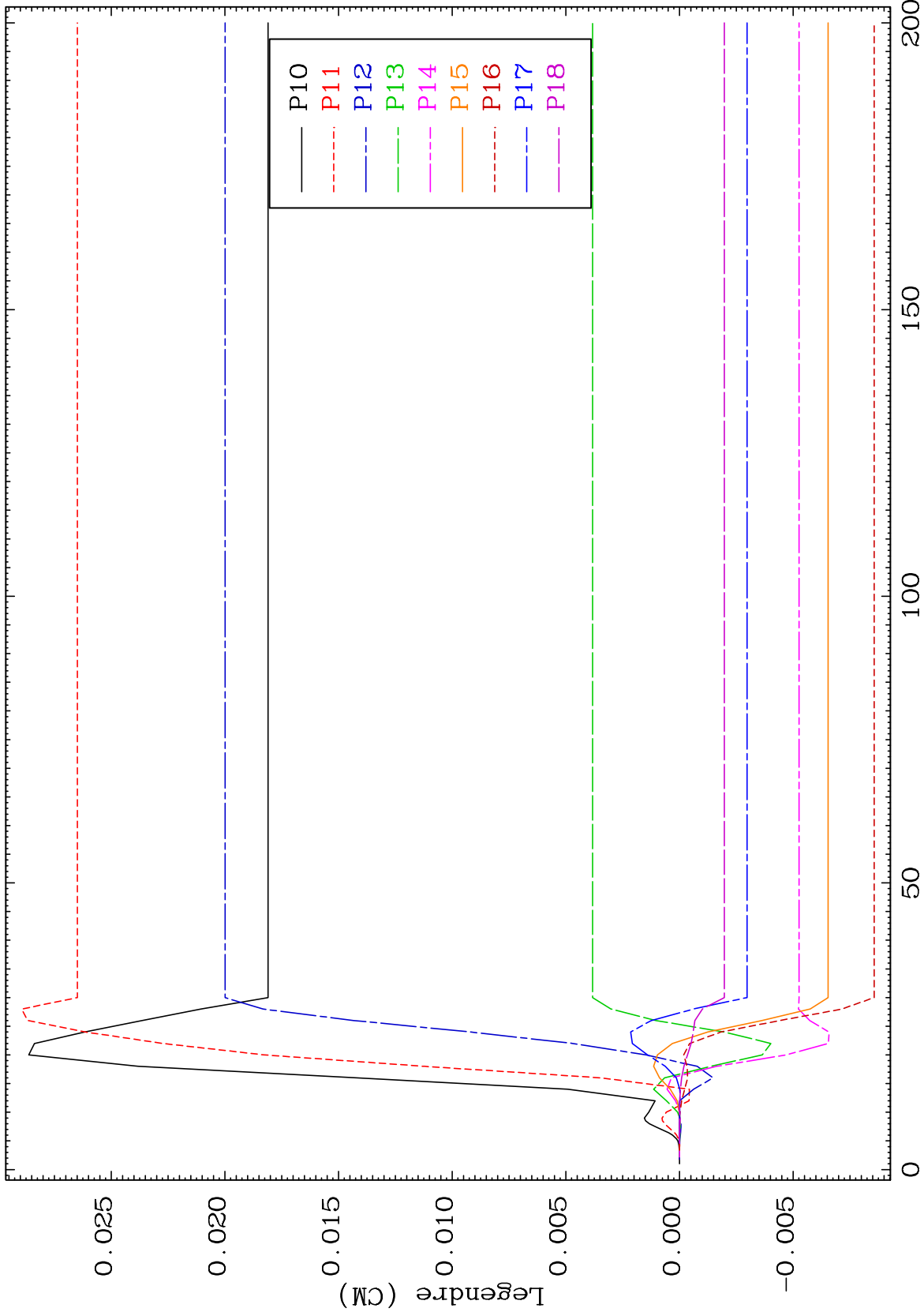
75-Re-184



MAT 7522

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

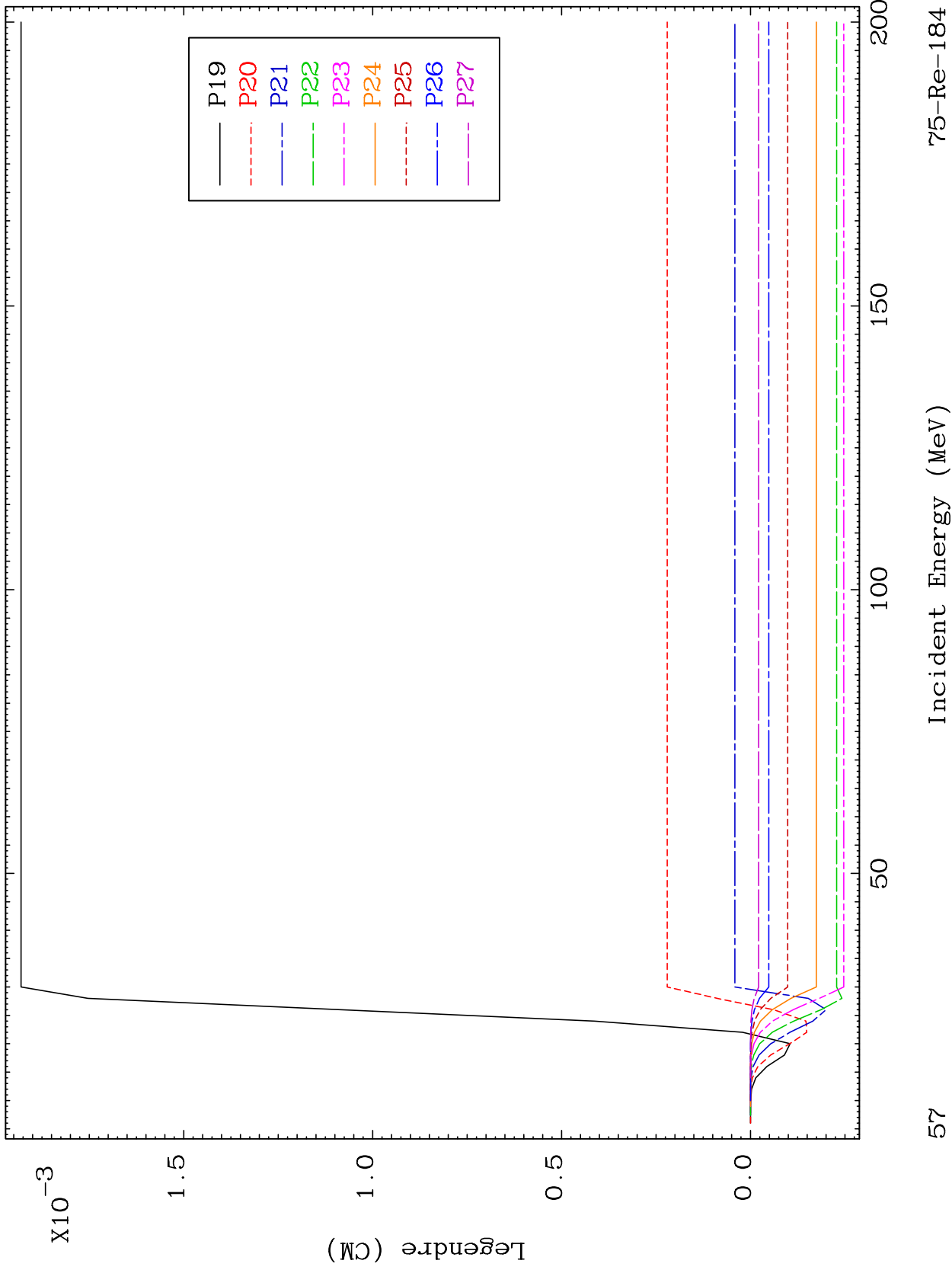
75-Re-184

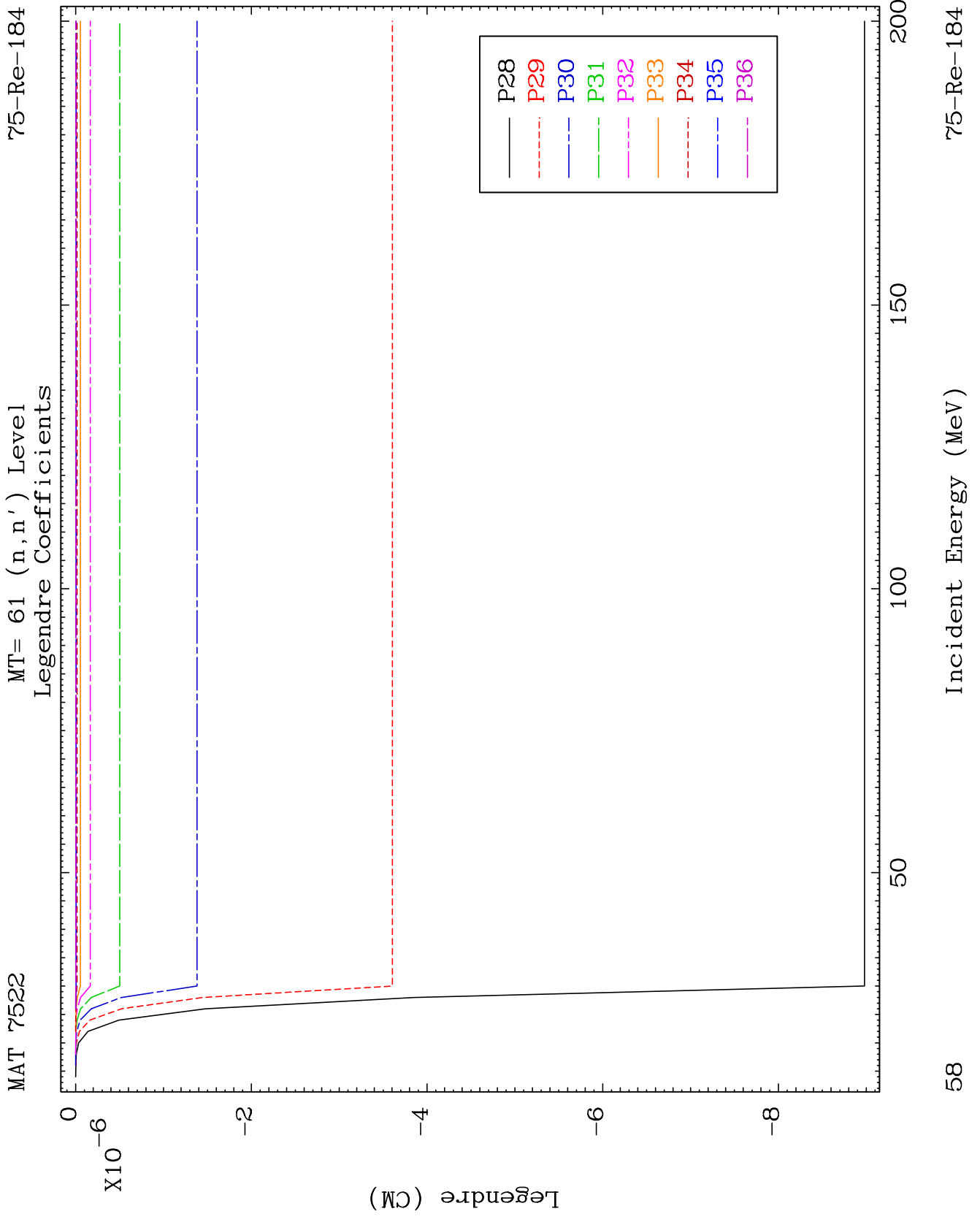


56

Incident Energy (MeV)

75-Re-184

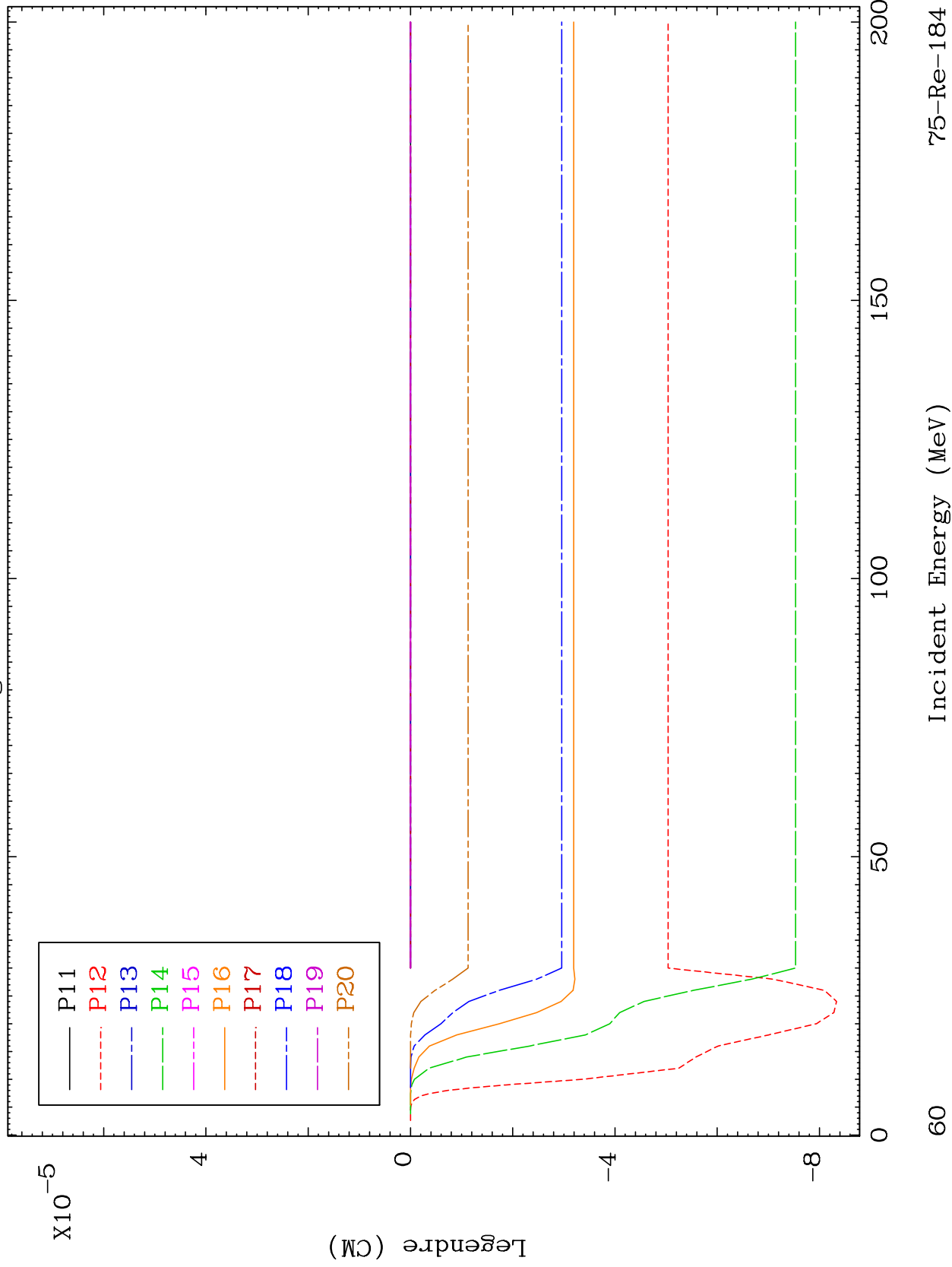


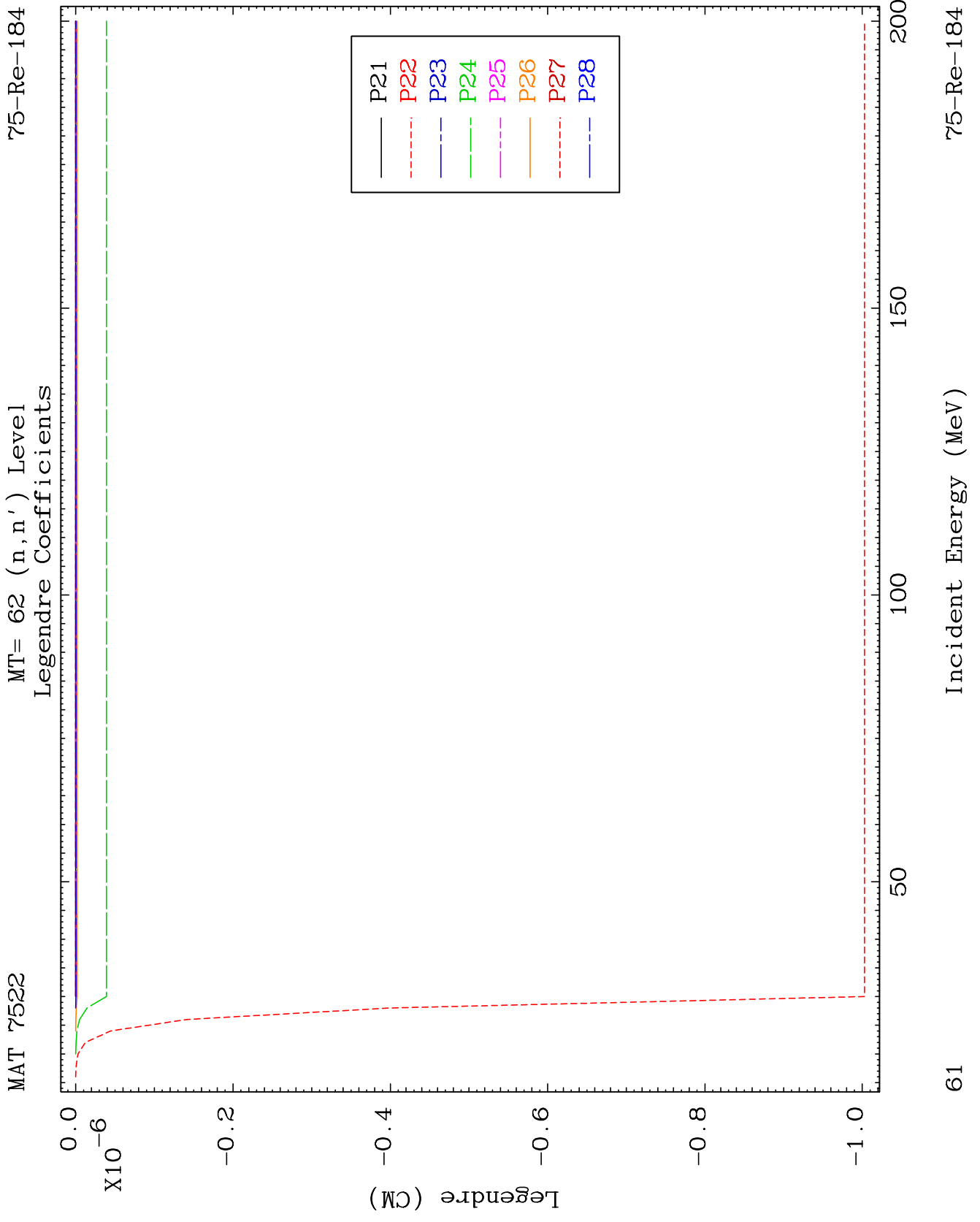


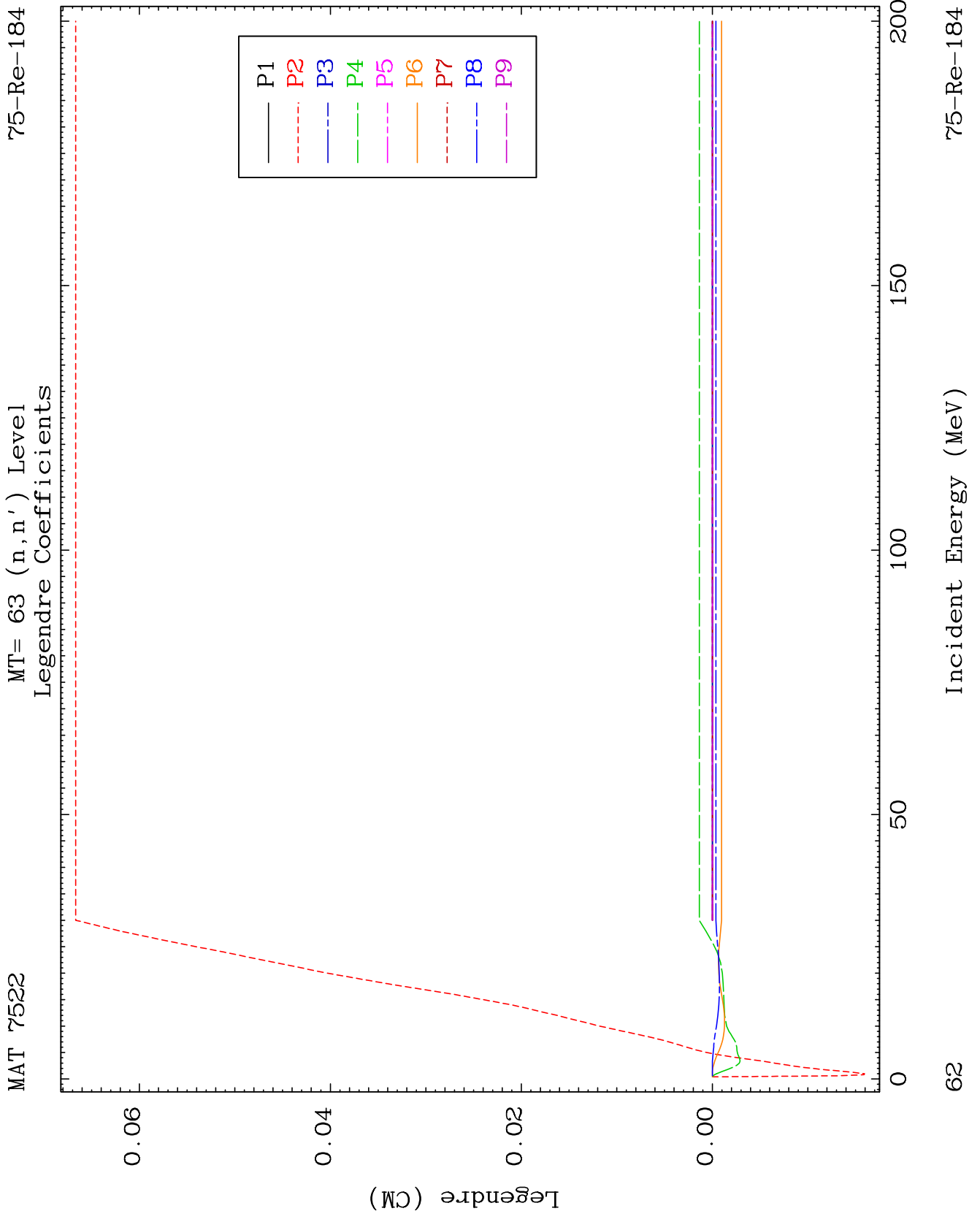
MAT 7522

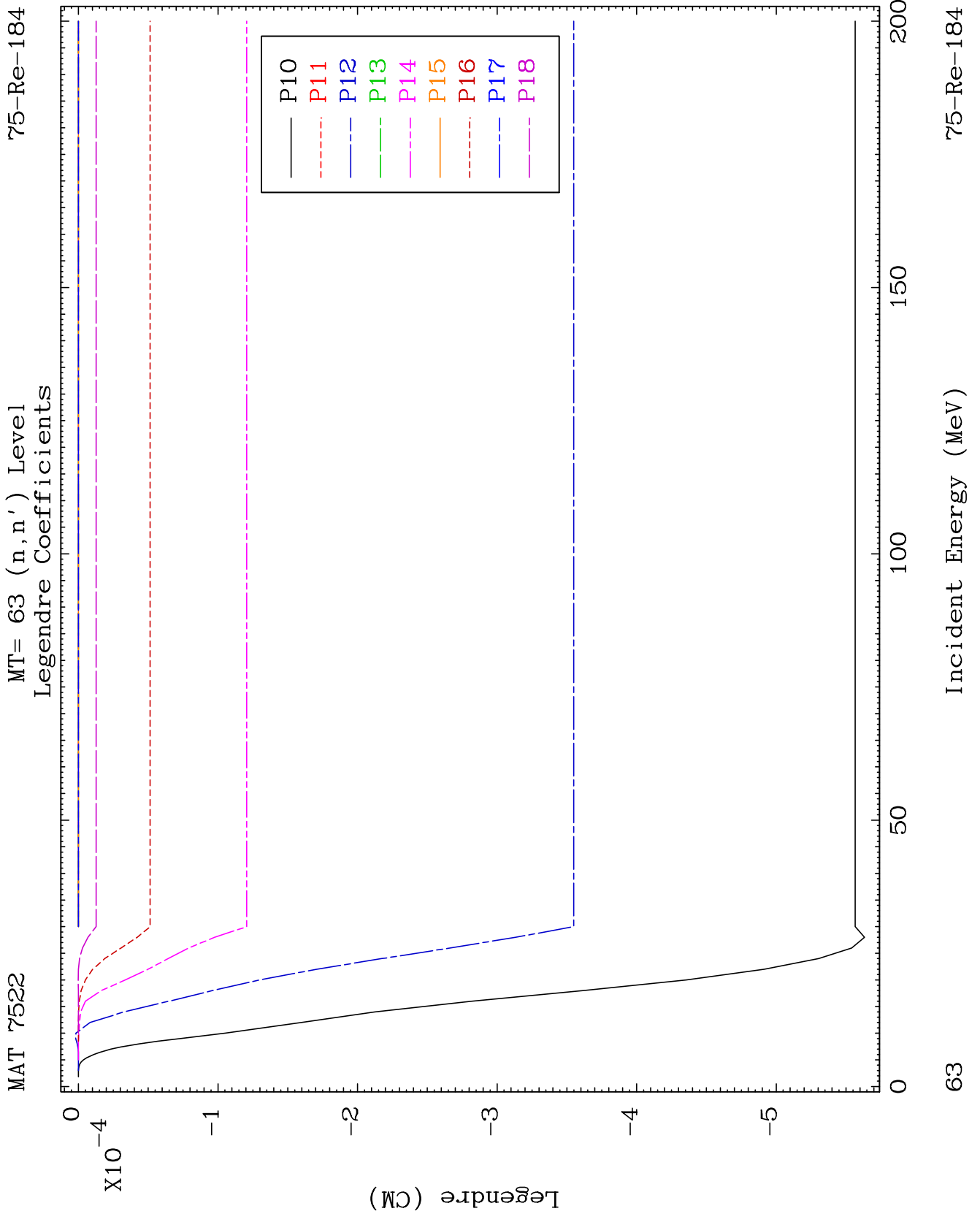
MT= 62 (n,n') Level
Legendre Coefficients

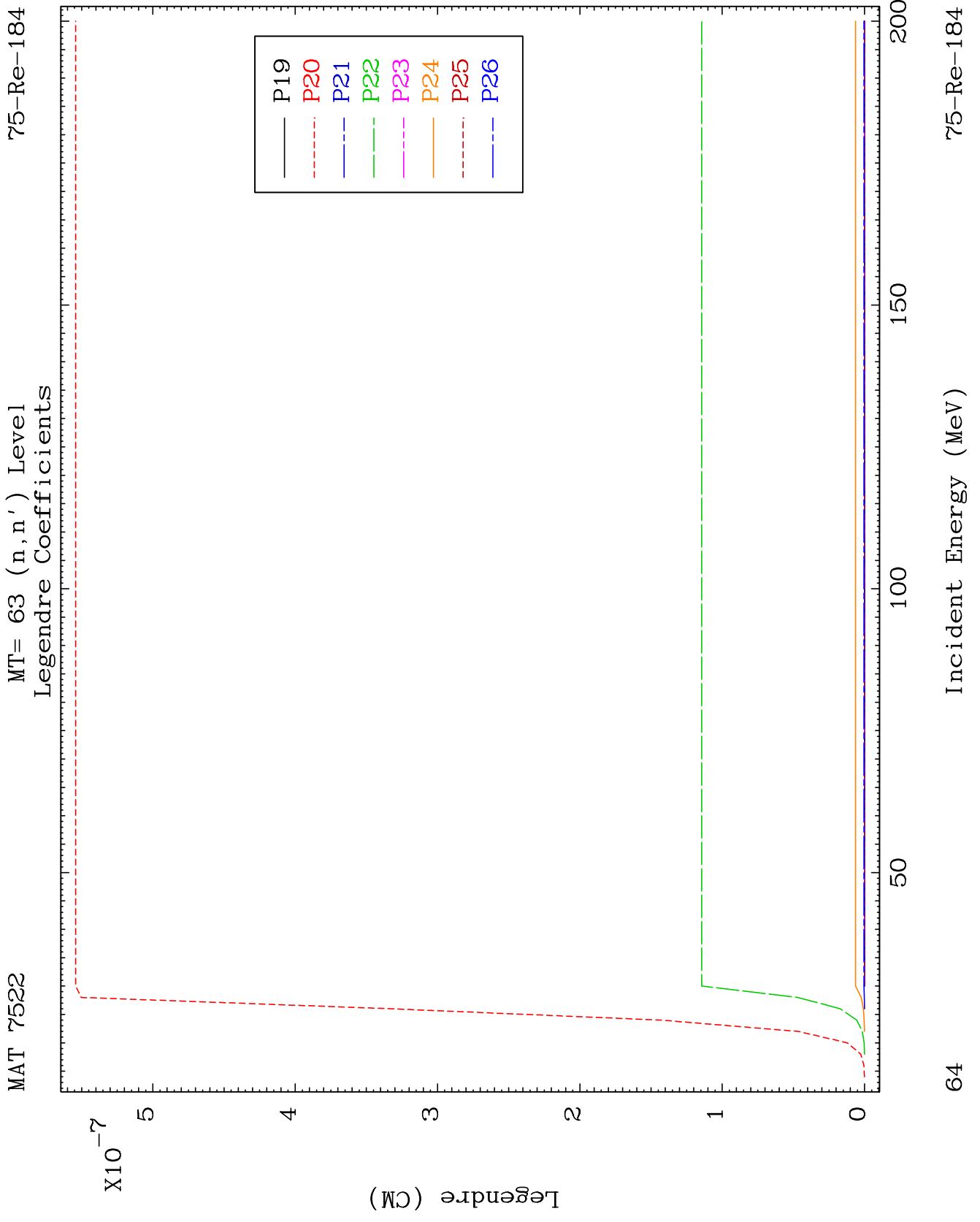
75-Re-184

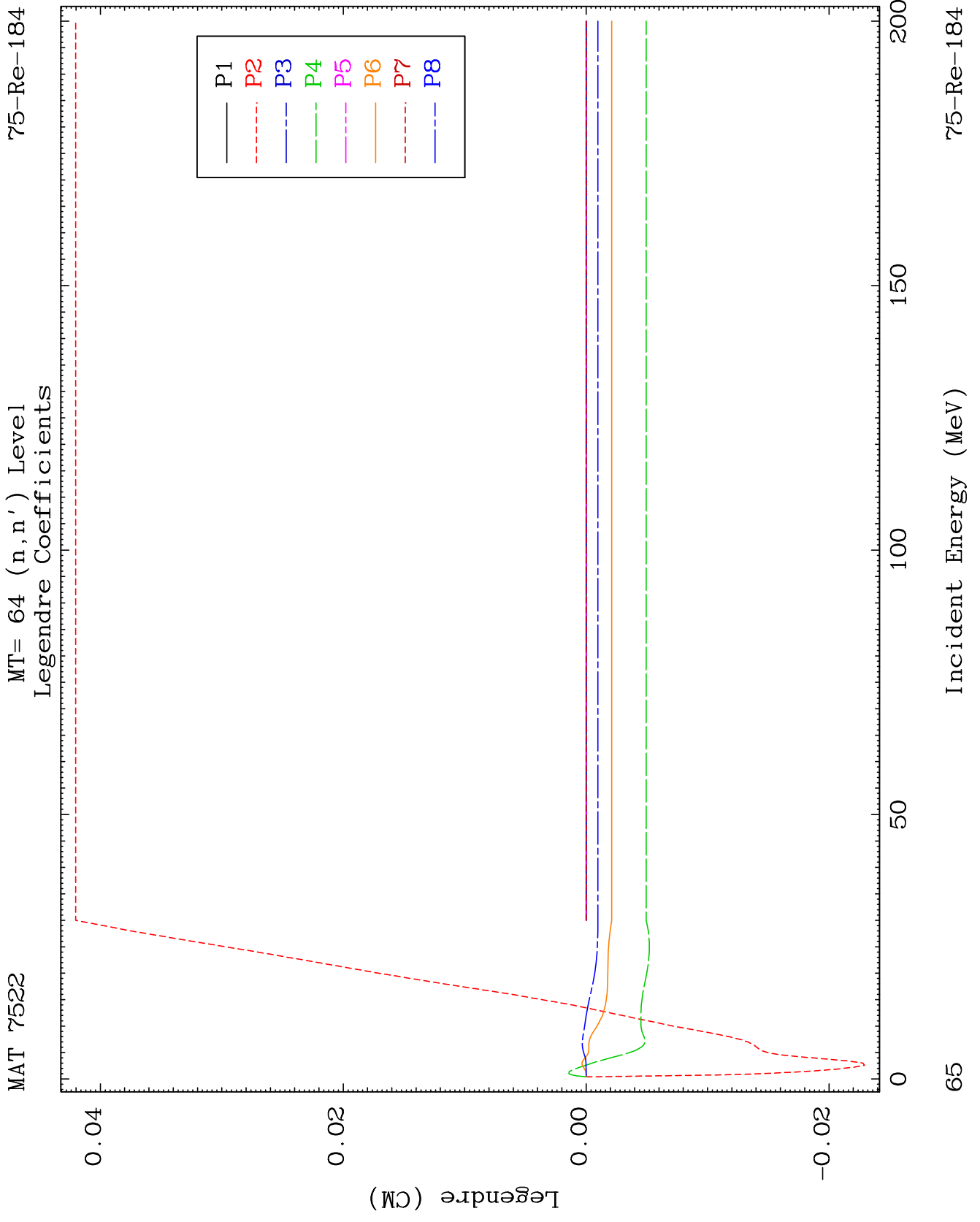








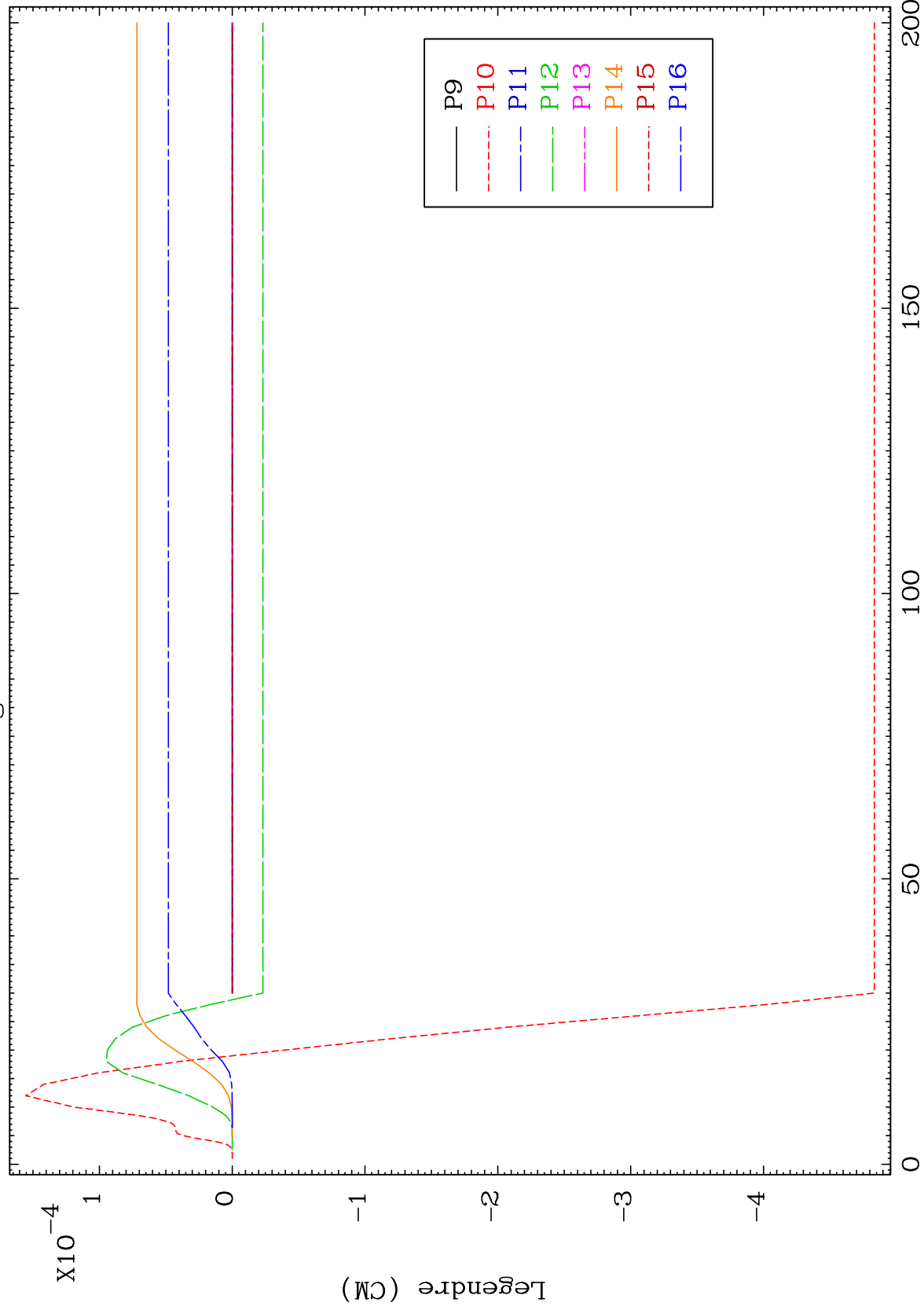




MAT 7522

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

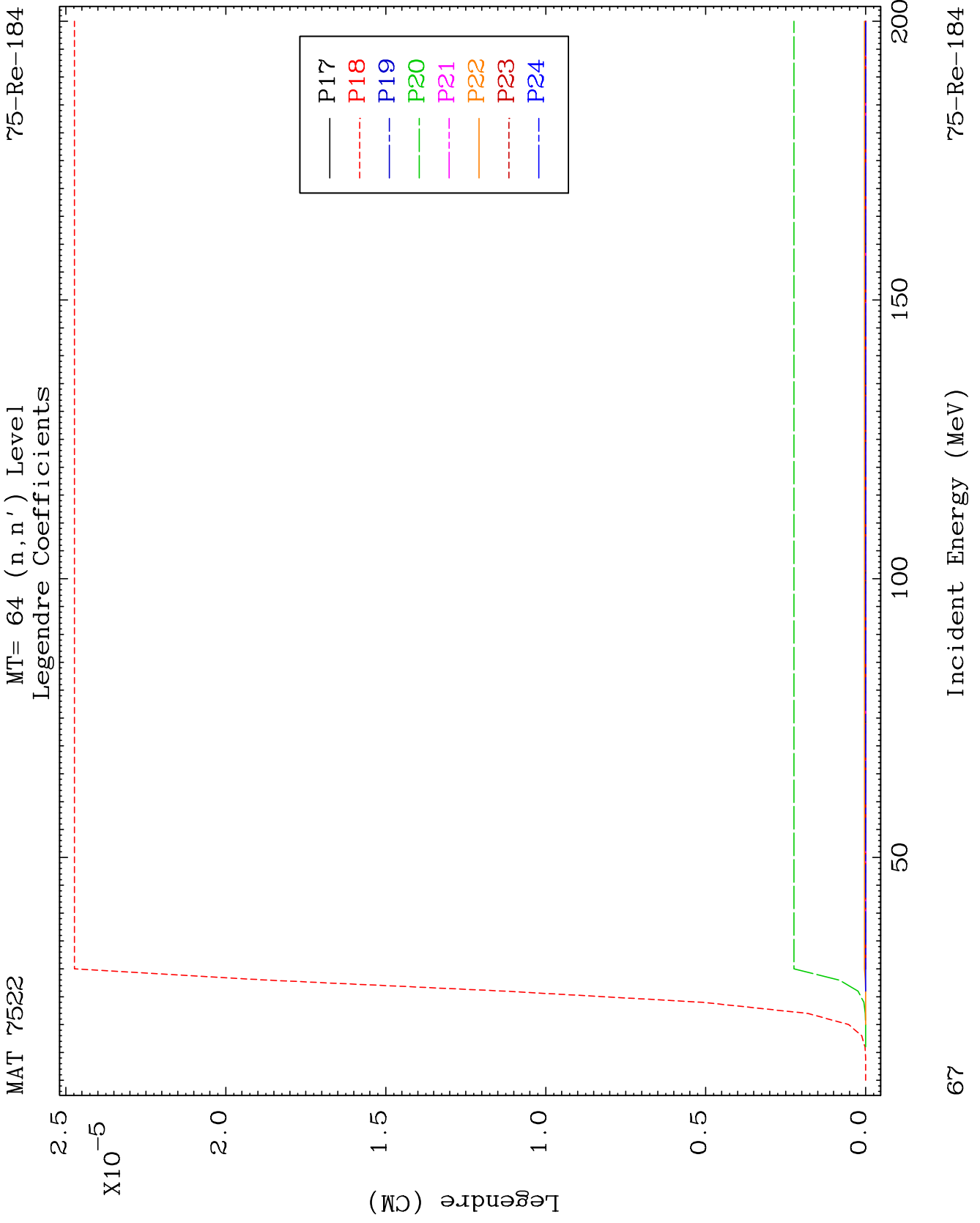
75-Re-184



66

Incident Energy (MeV)

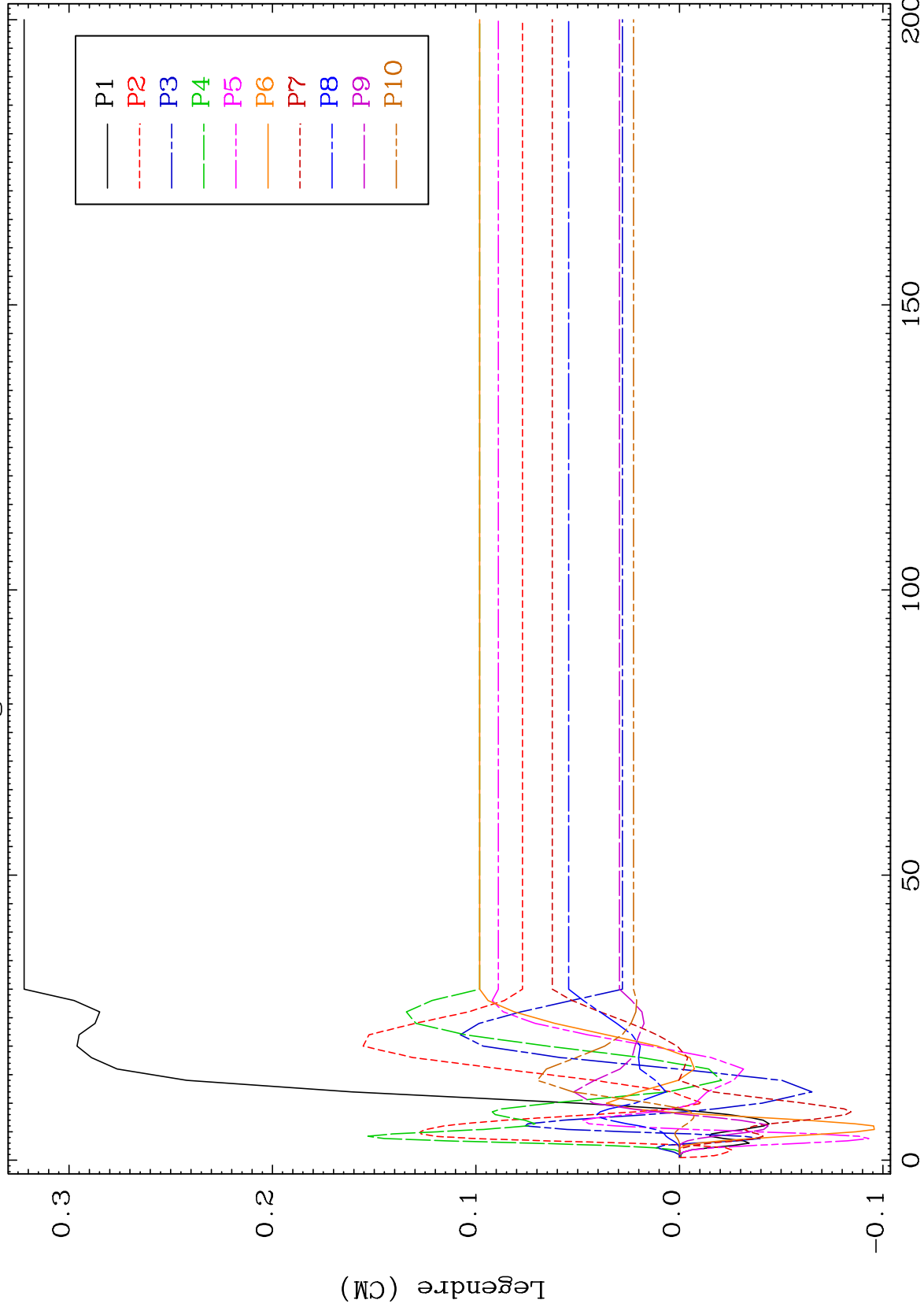
75-Re-184



MAT 7522

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

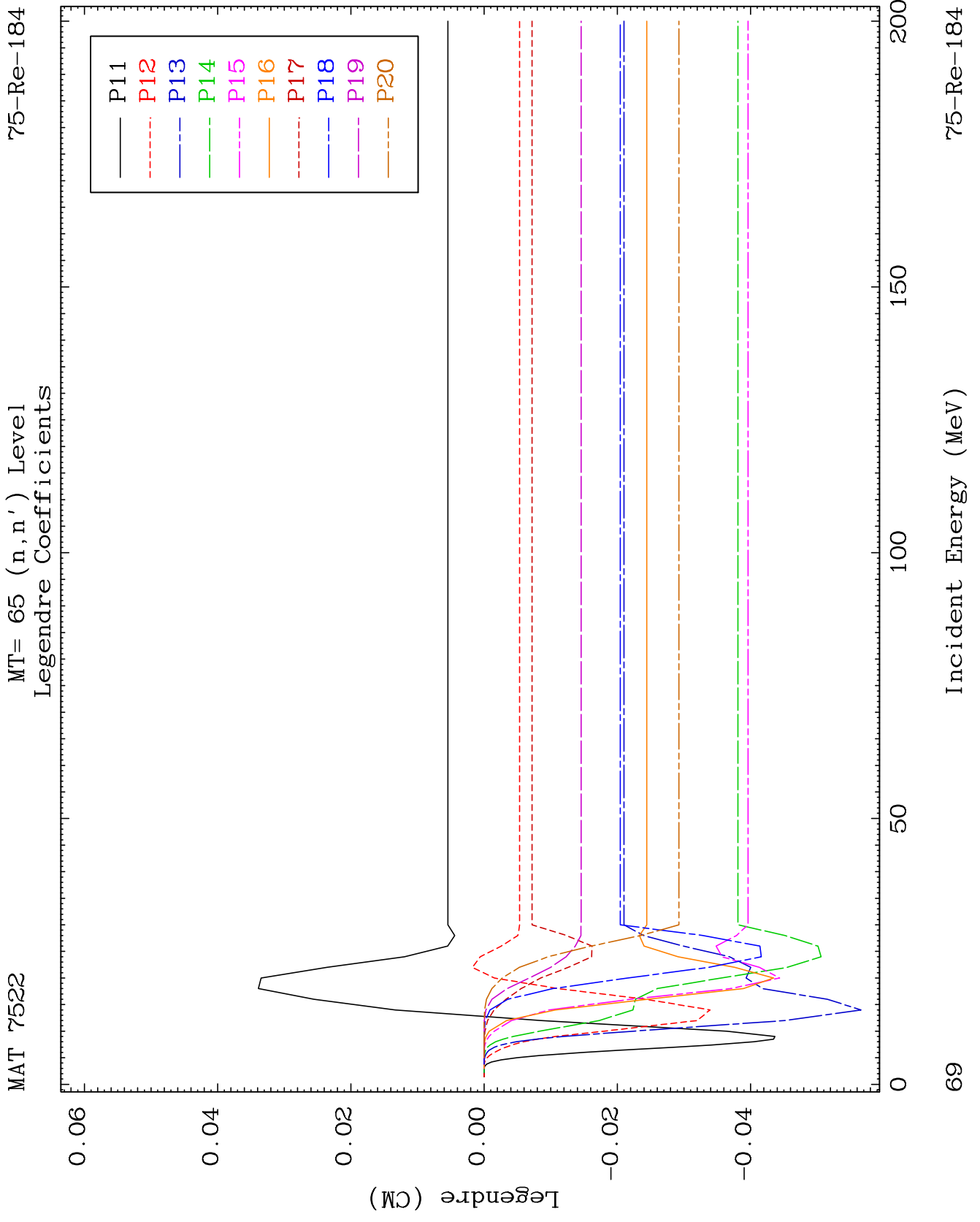
75-Re-184

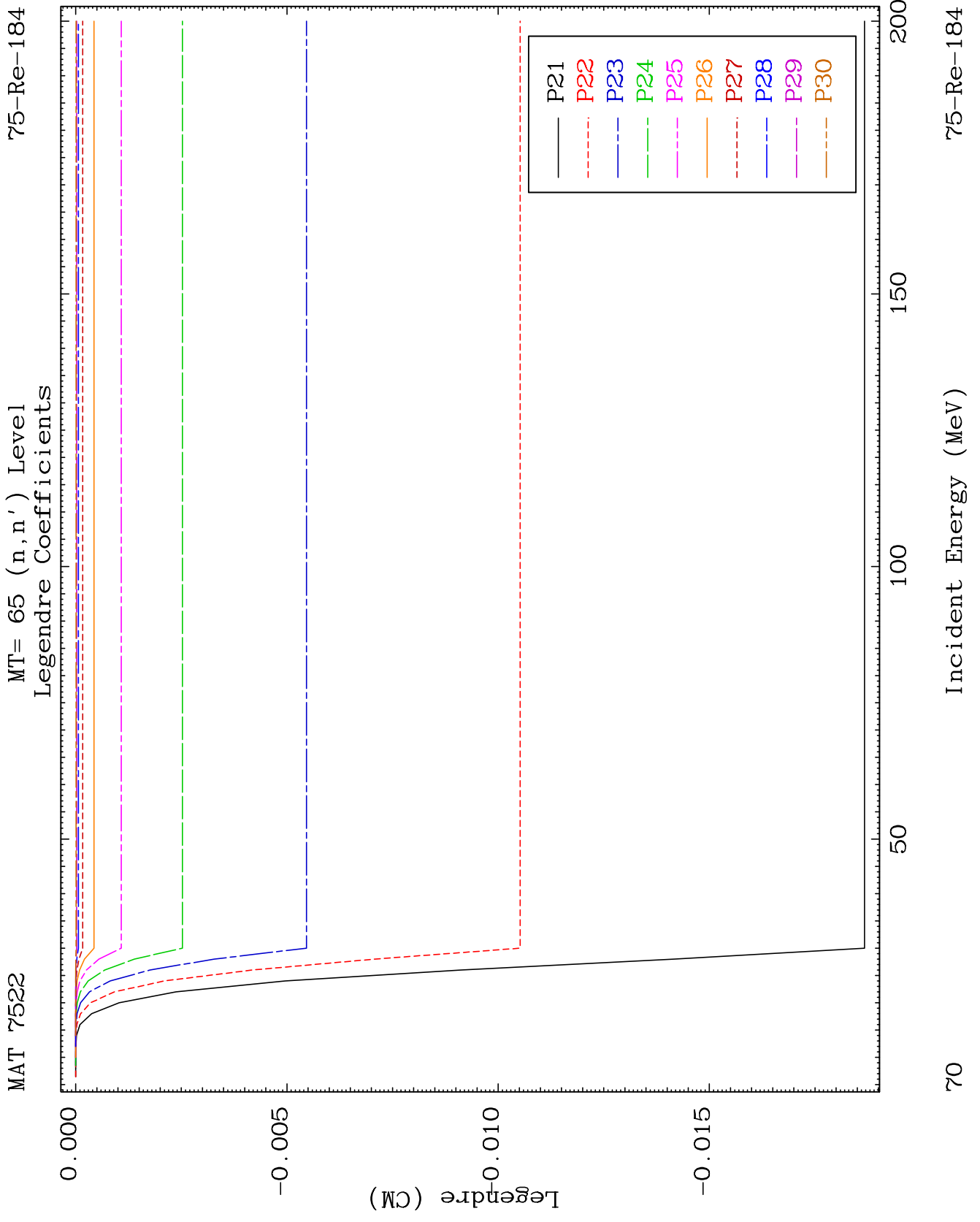


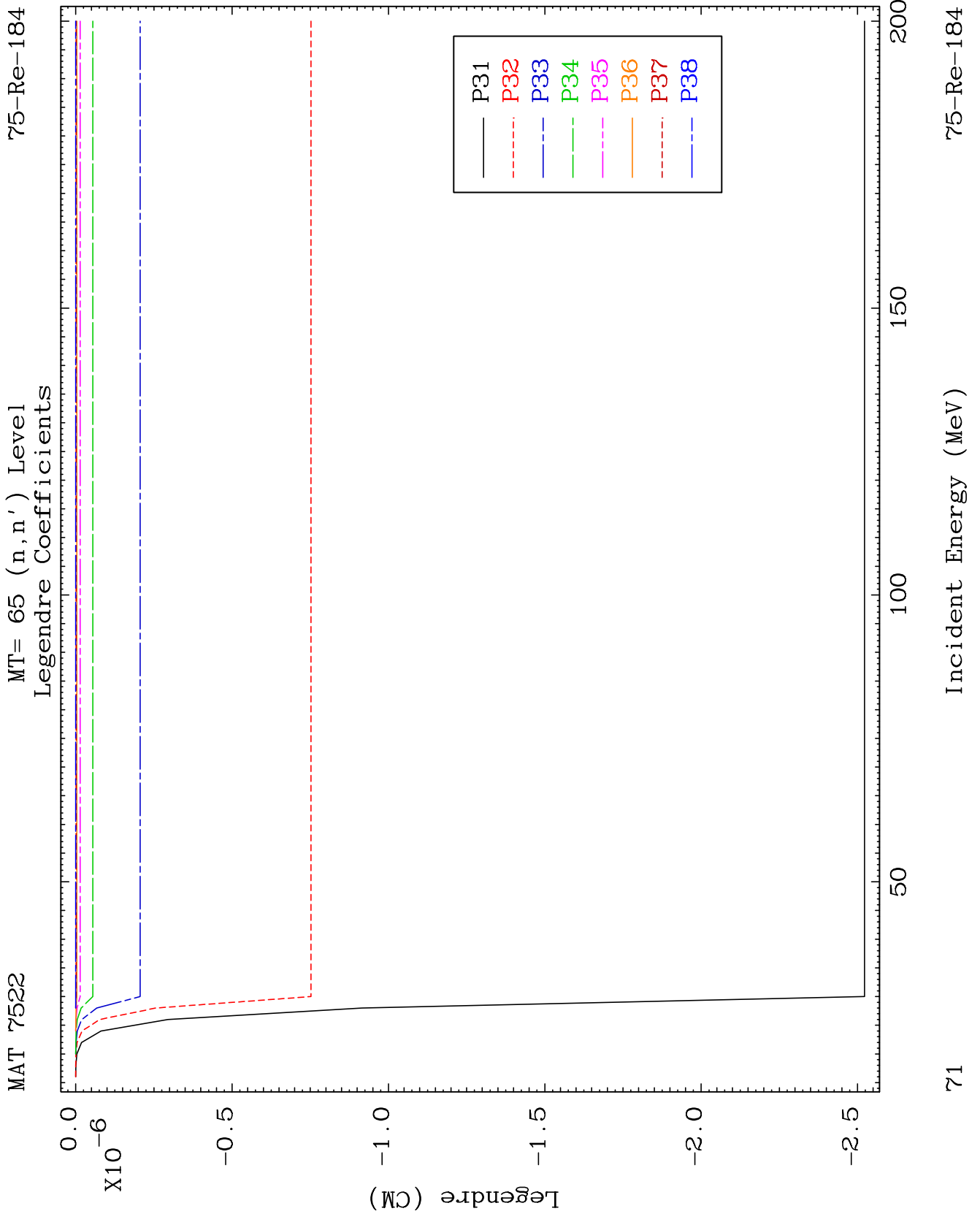
68

Incident Energy (MeV)

75-Re-184



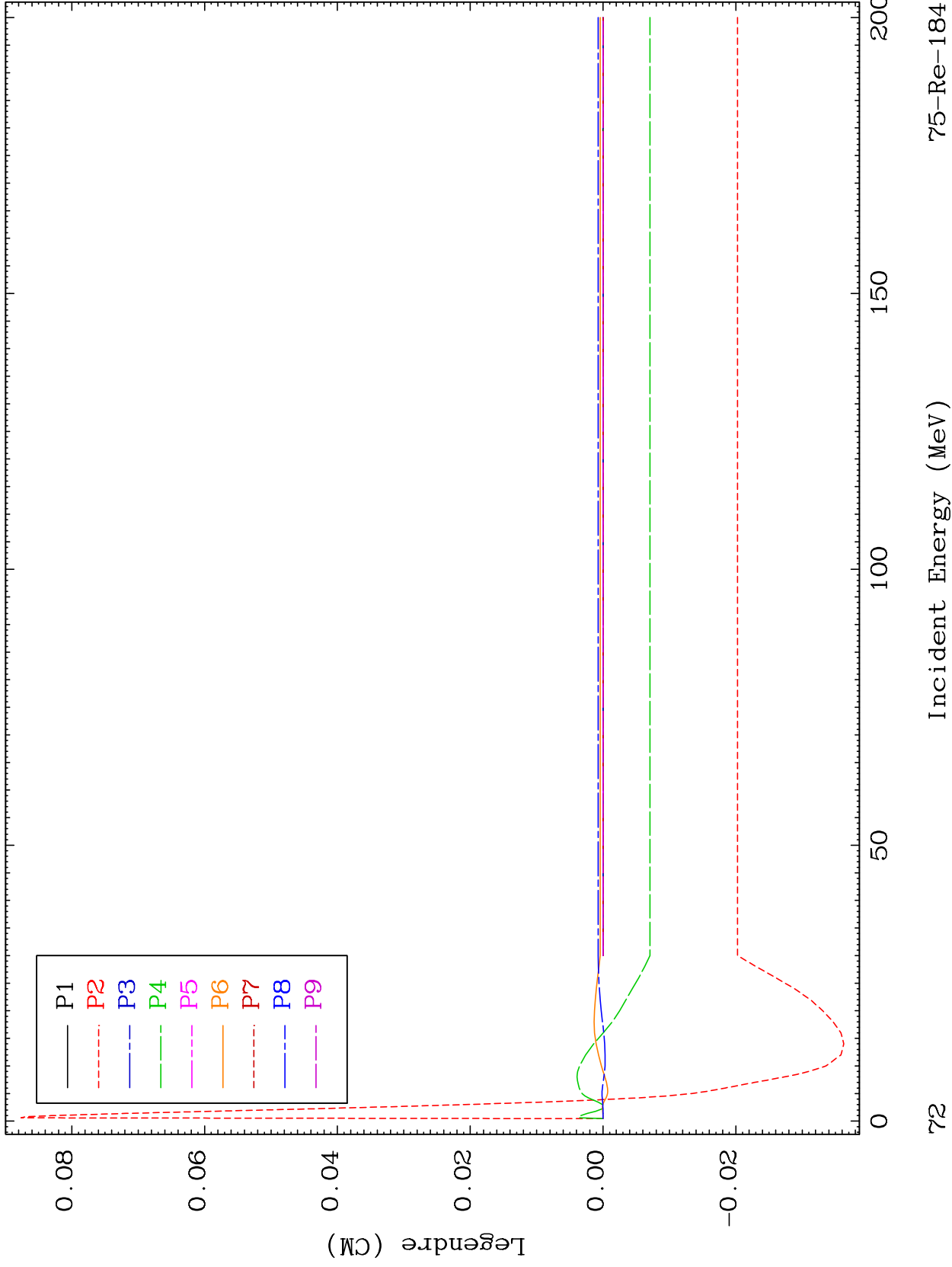


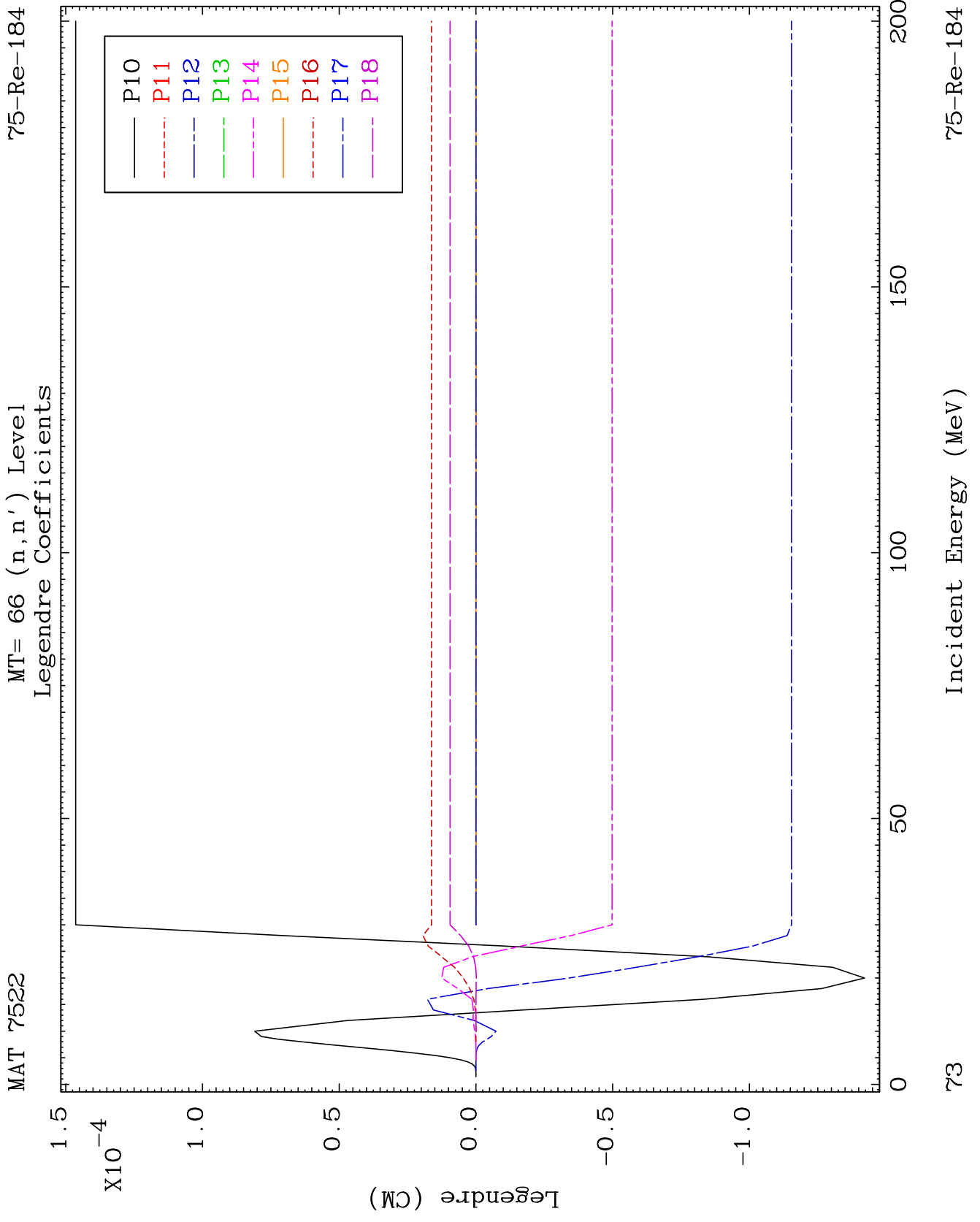


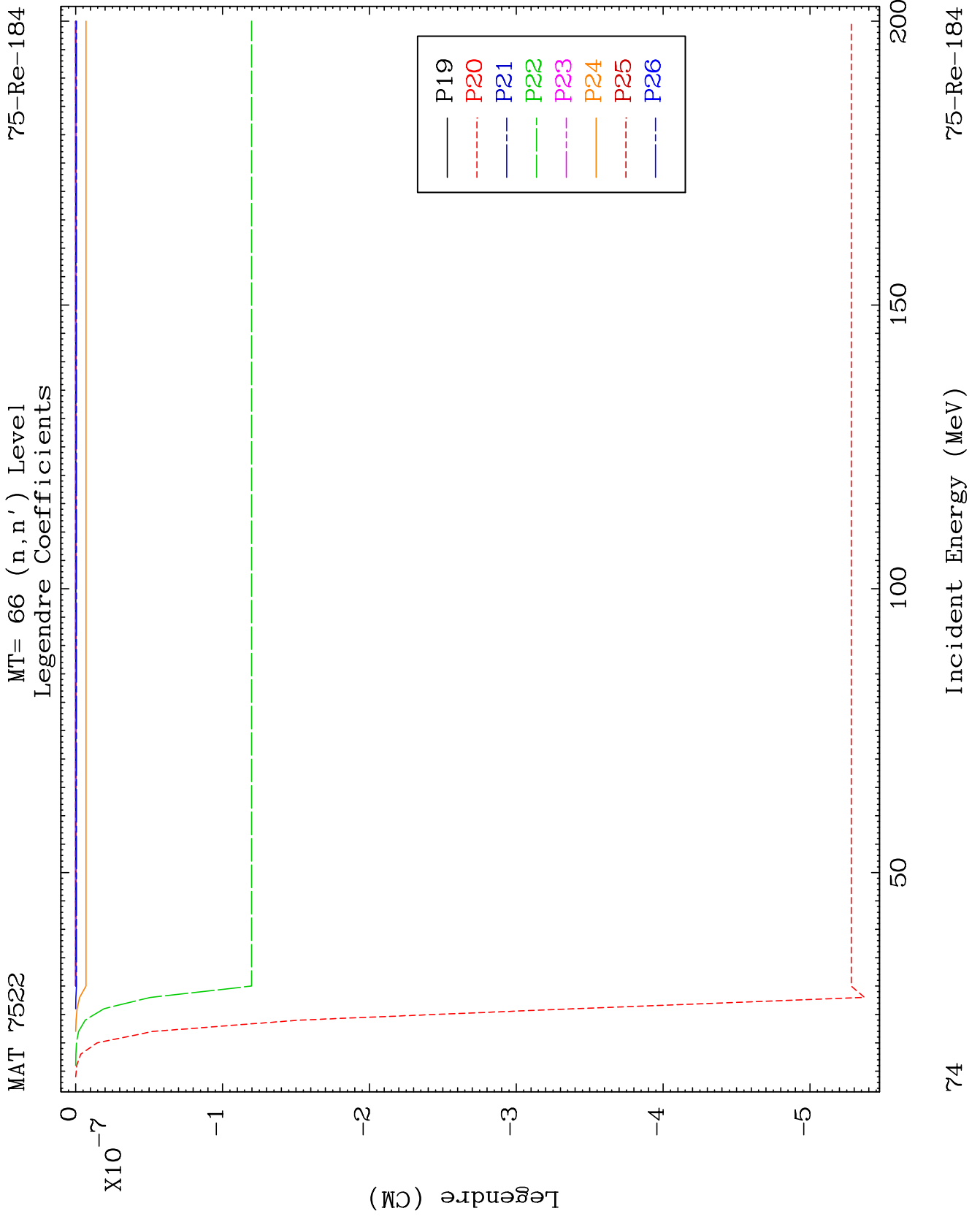
MAT 7522

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

75-Re-184



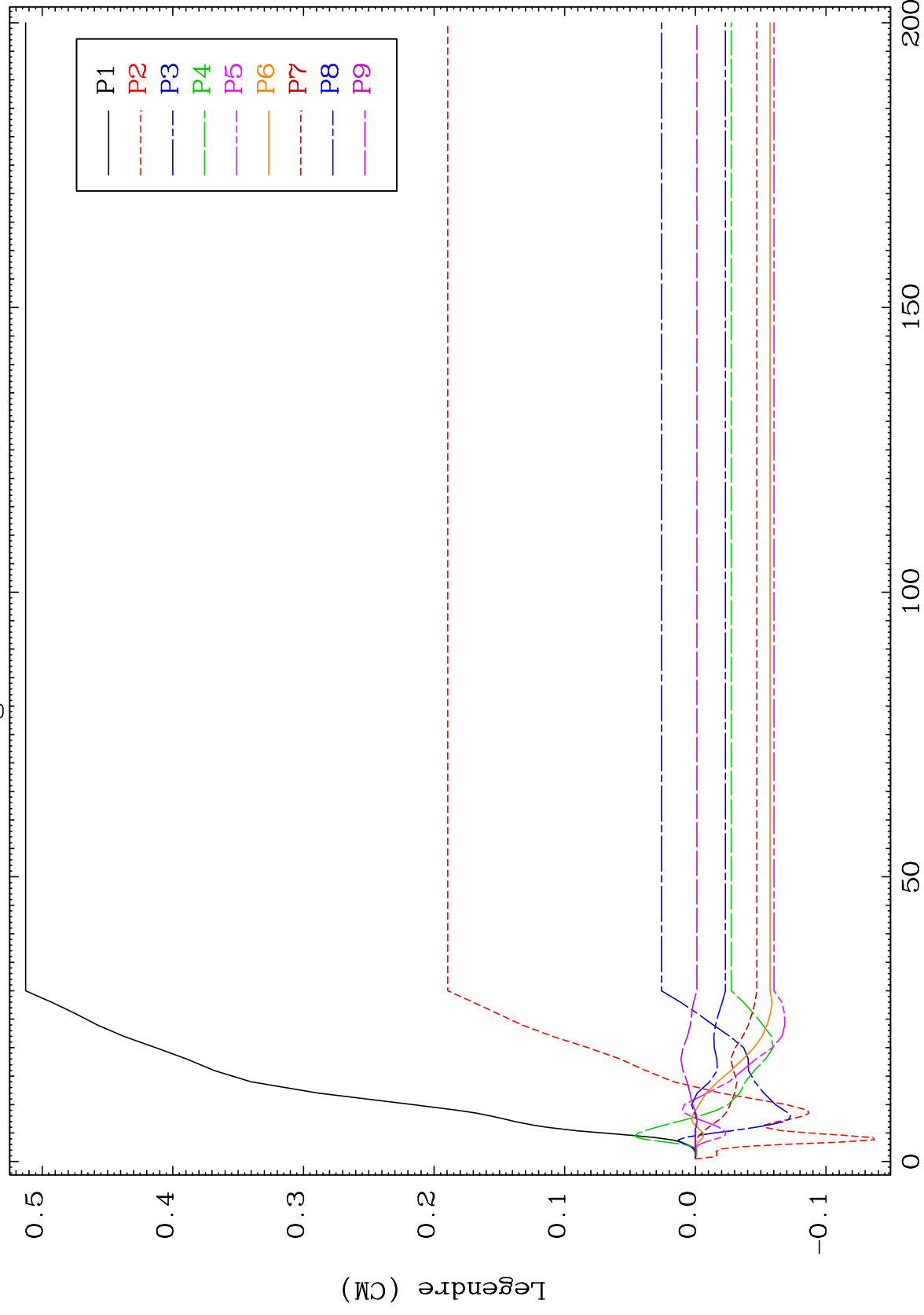




MAT 7522

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

75-Re-184



75-Re-184

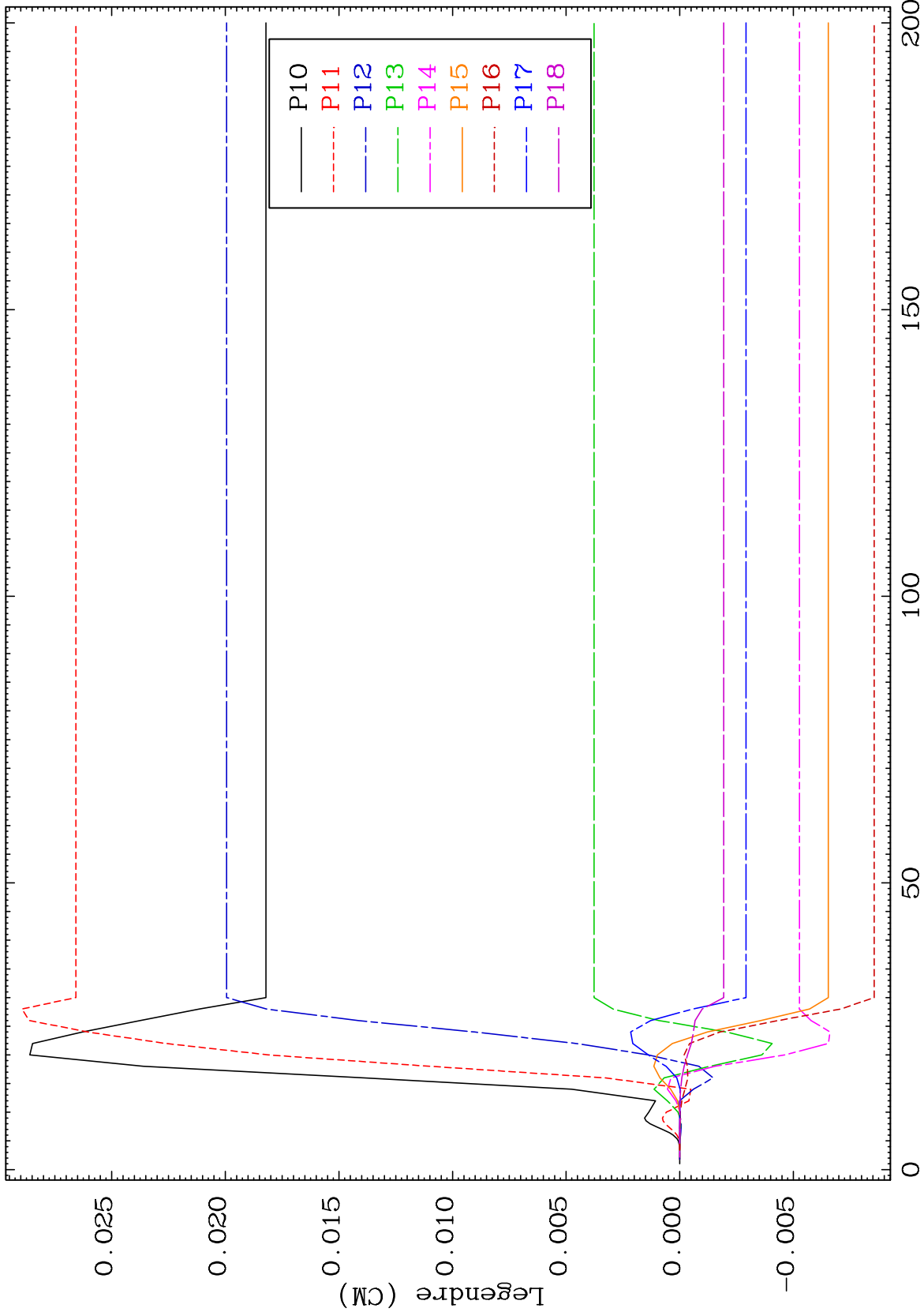
Incident Energy (MeV)

75

MAT 7522

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

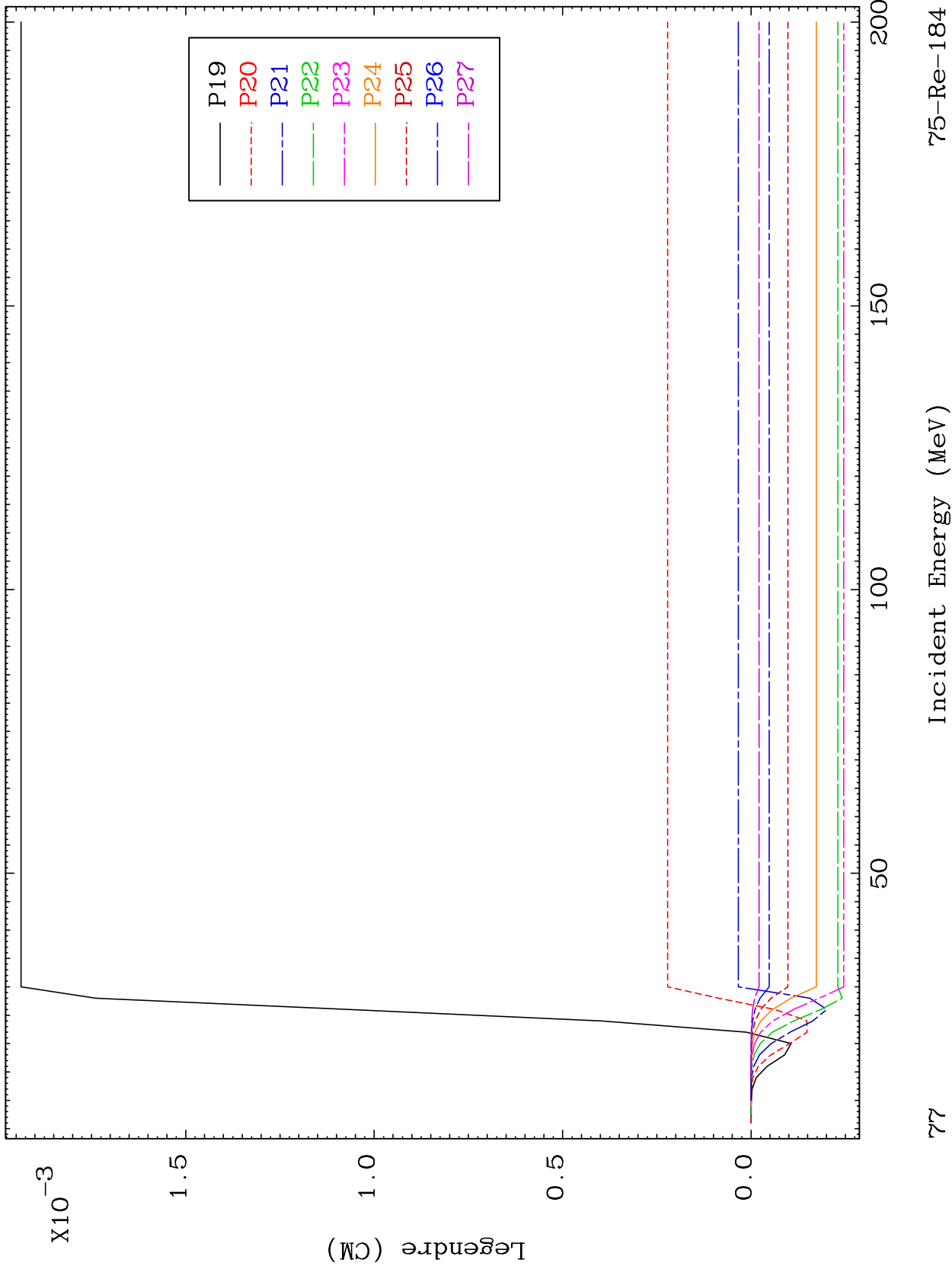
75-Re-184

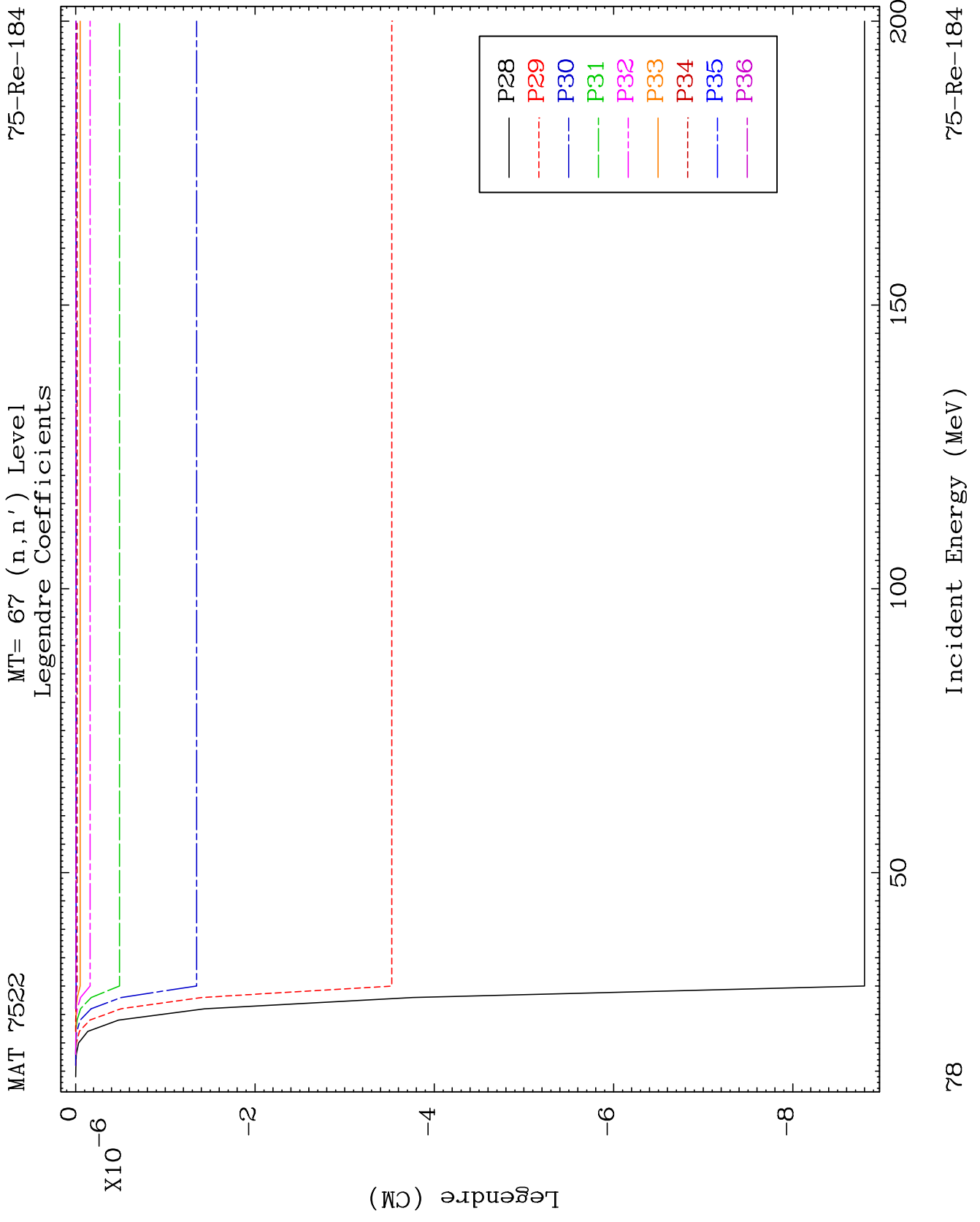


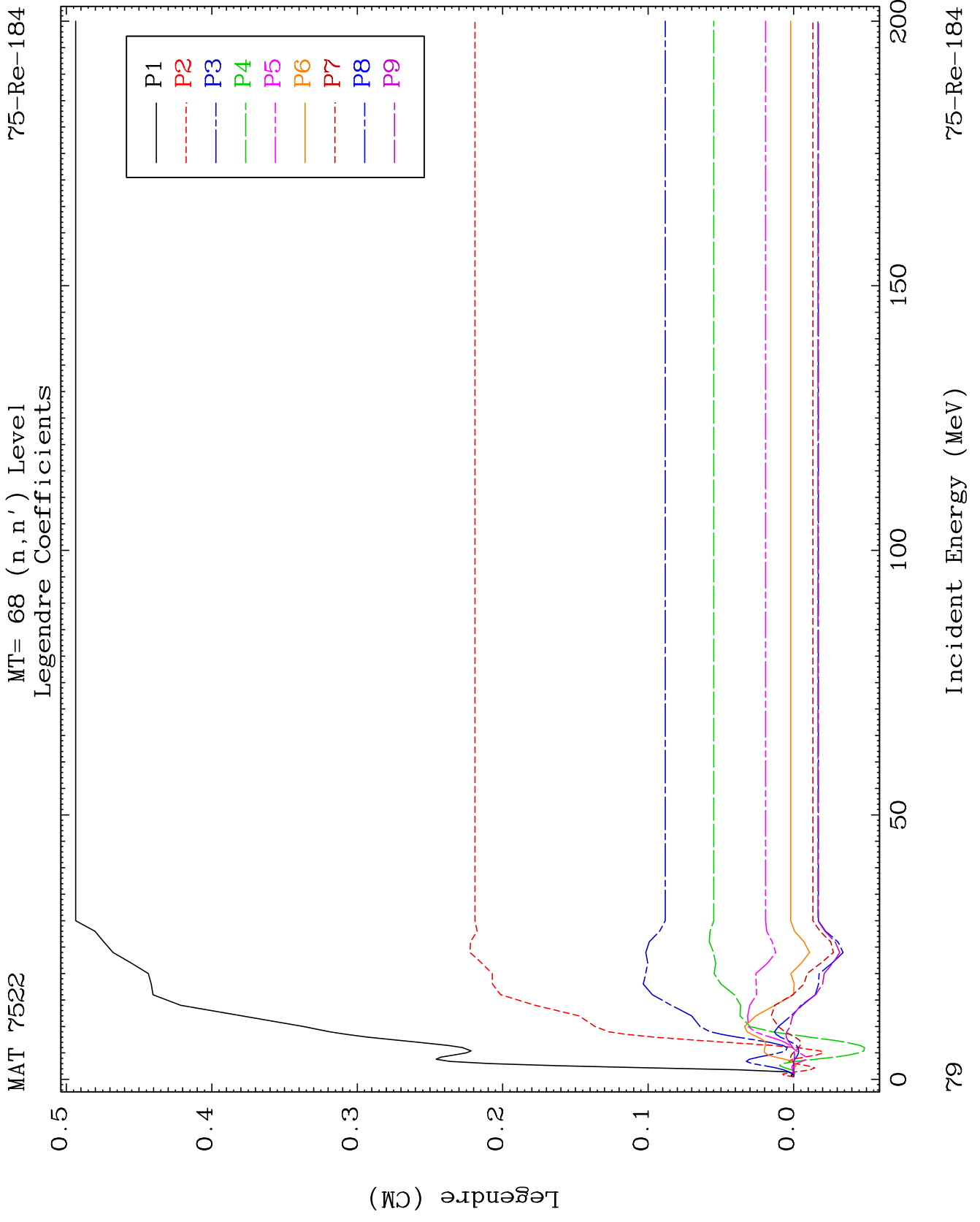
76

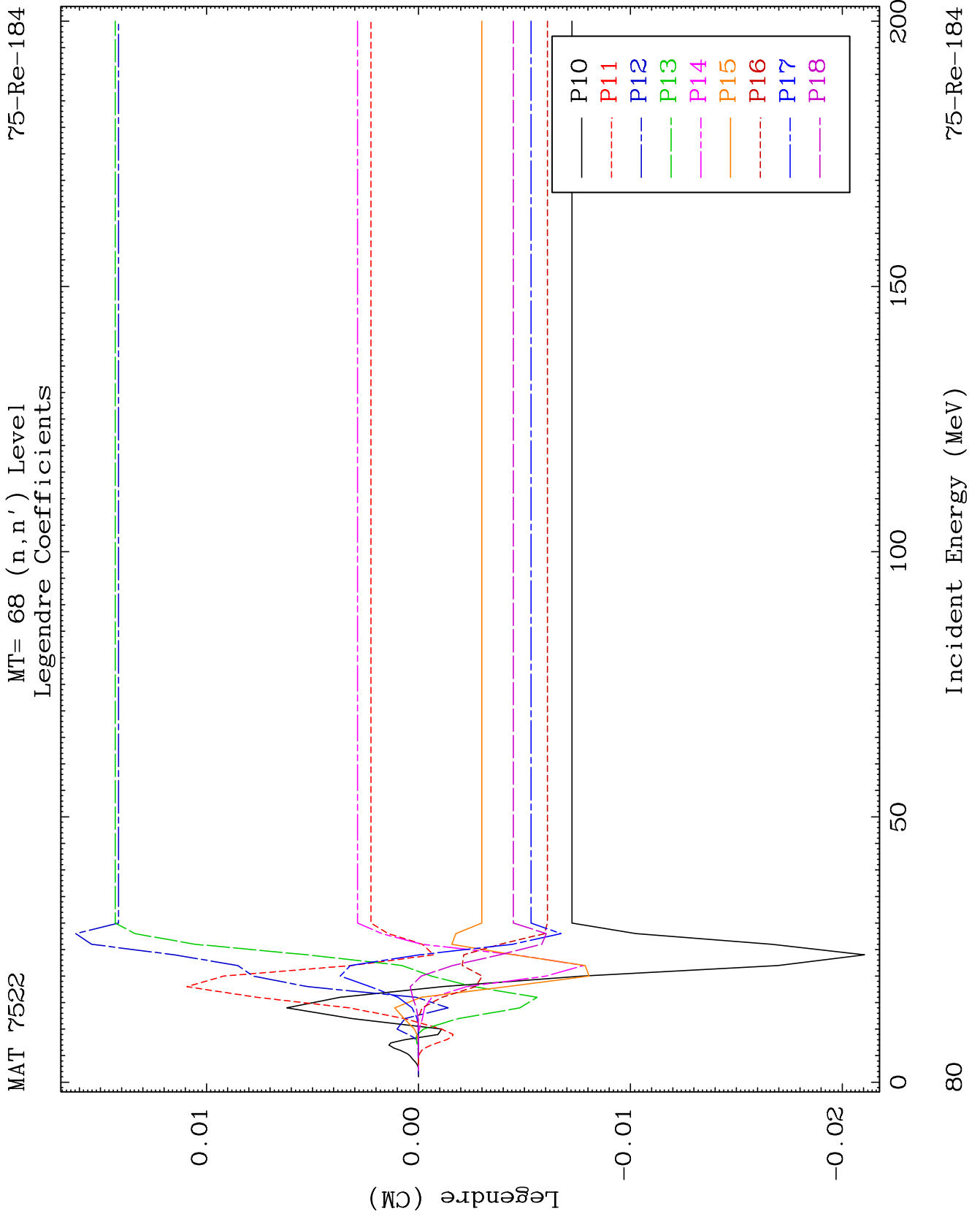
Incident Energy (MeV)

75-Re-184





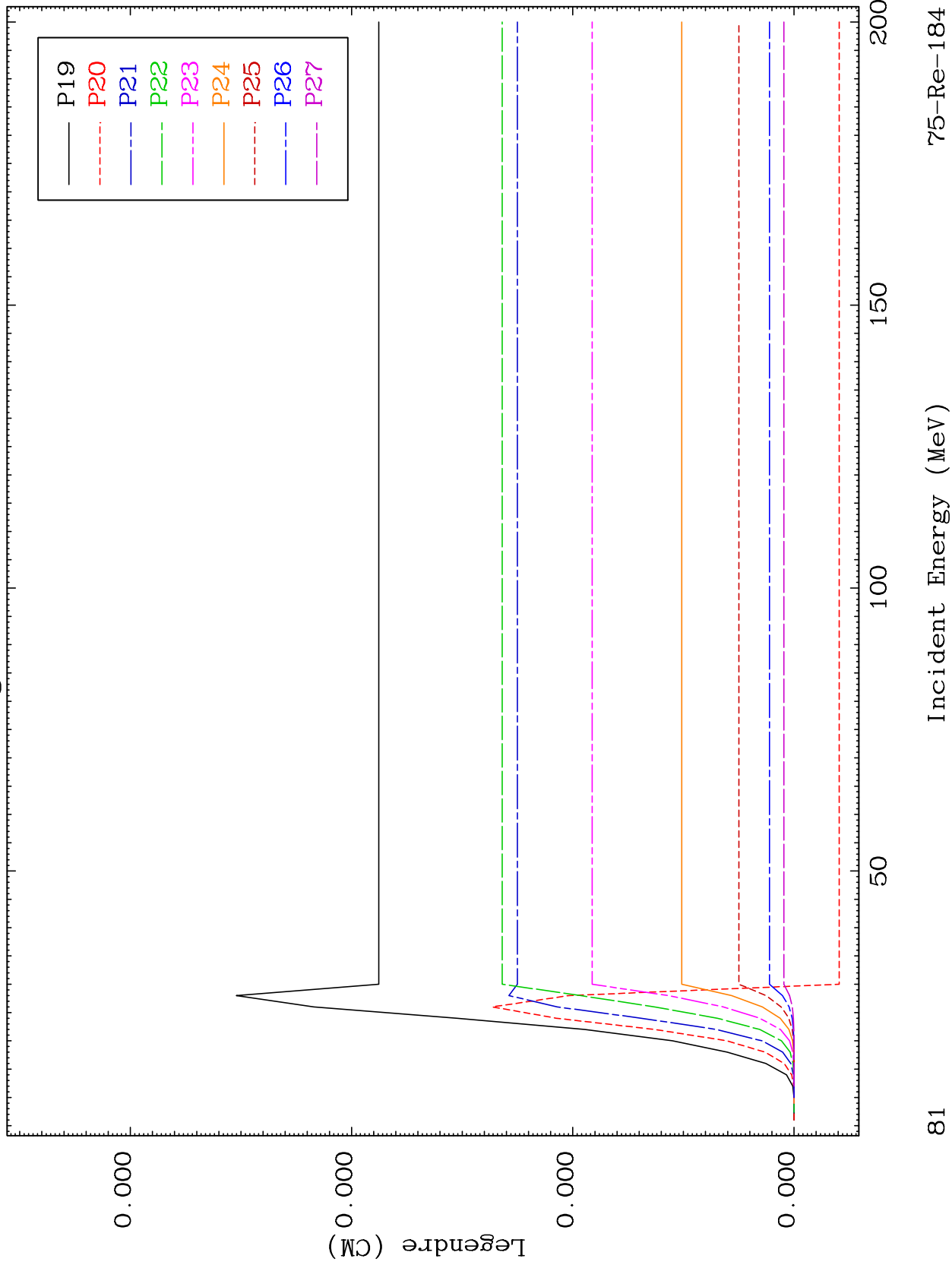




MAT 7522

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

75-Re-184



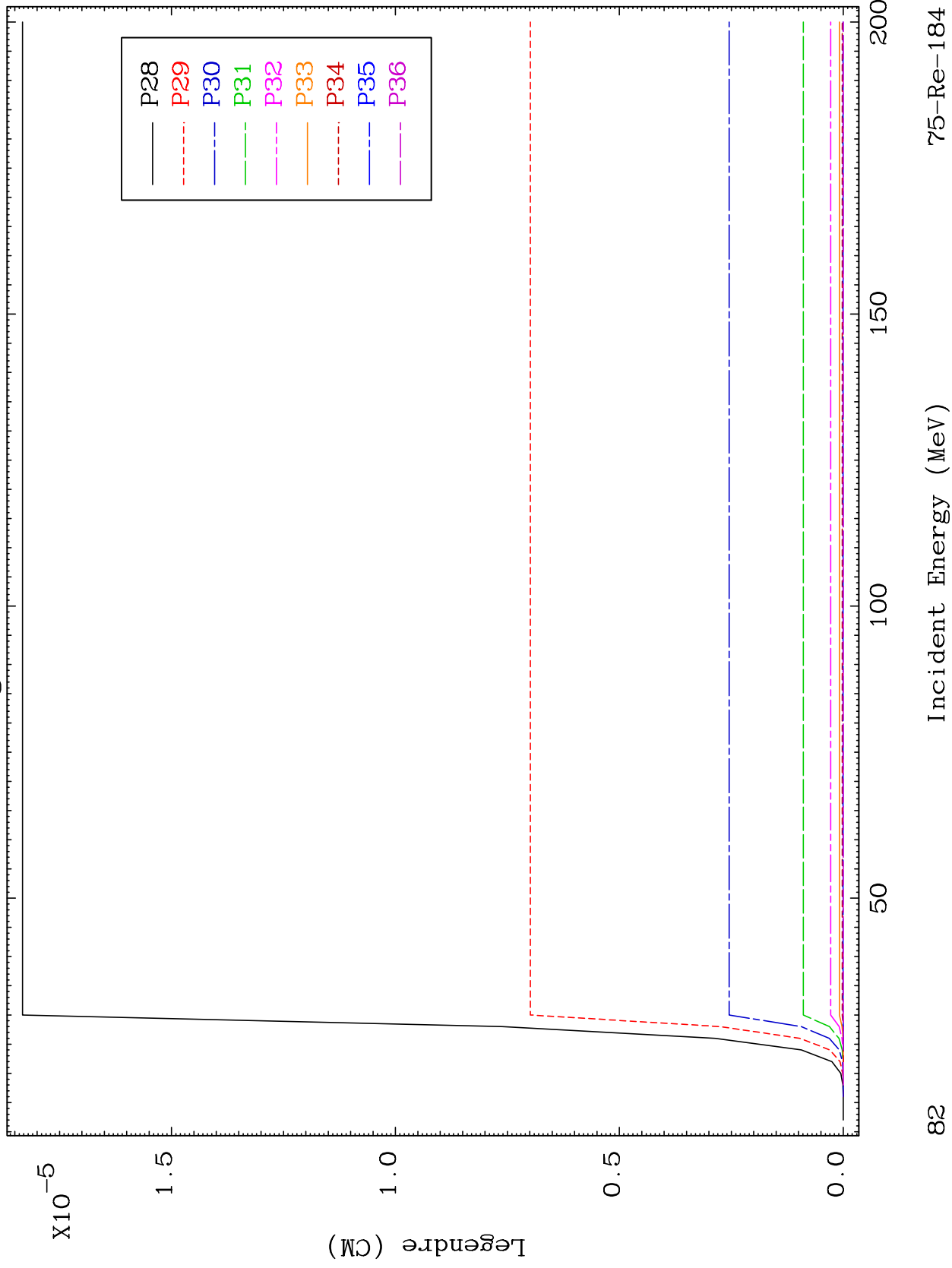
81

75-Re-184

MAT 7522

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

75-Re-184



82

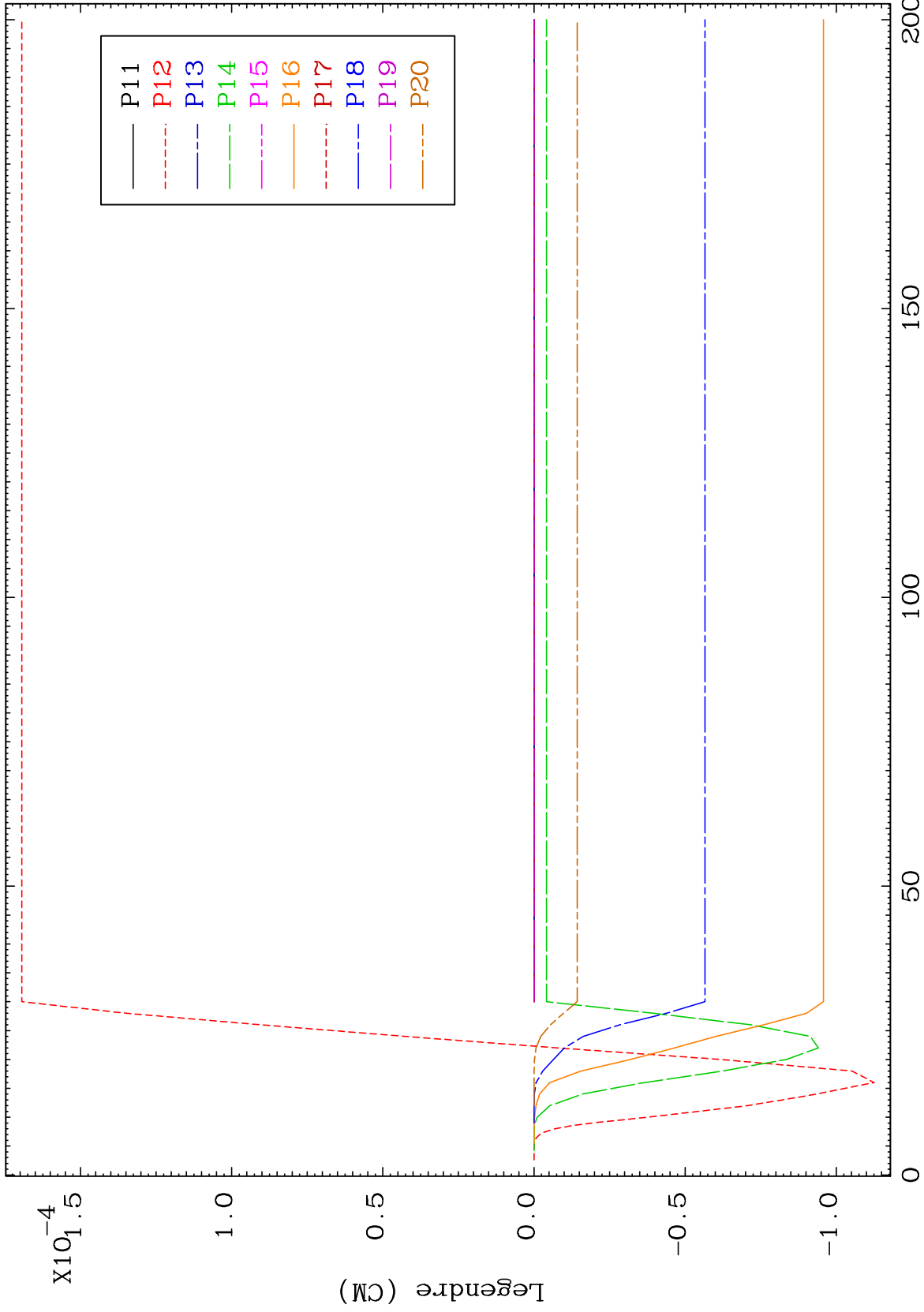
Incident Energy (MeV)

75-Re-184

MAT 7522

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

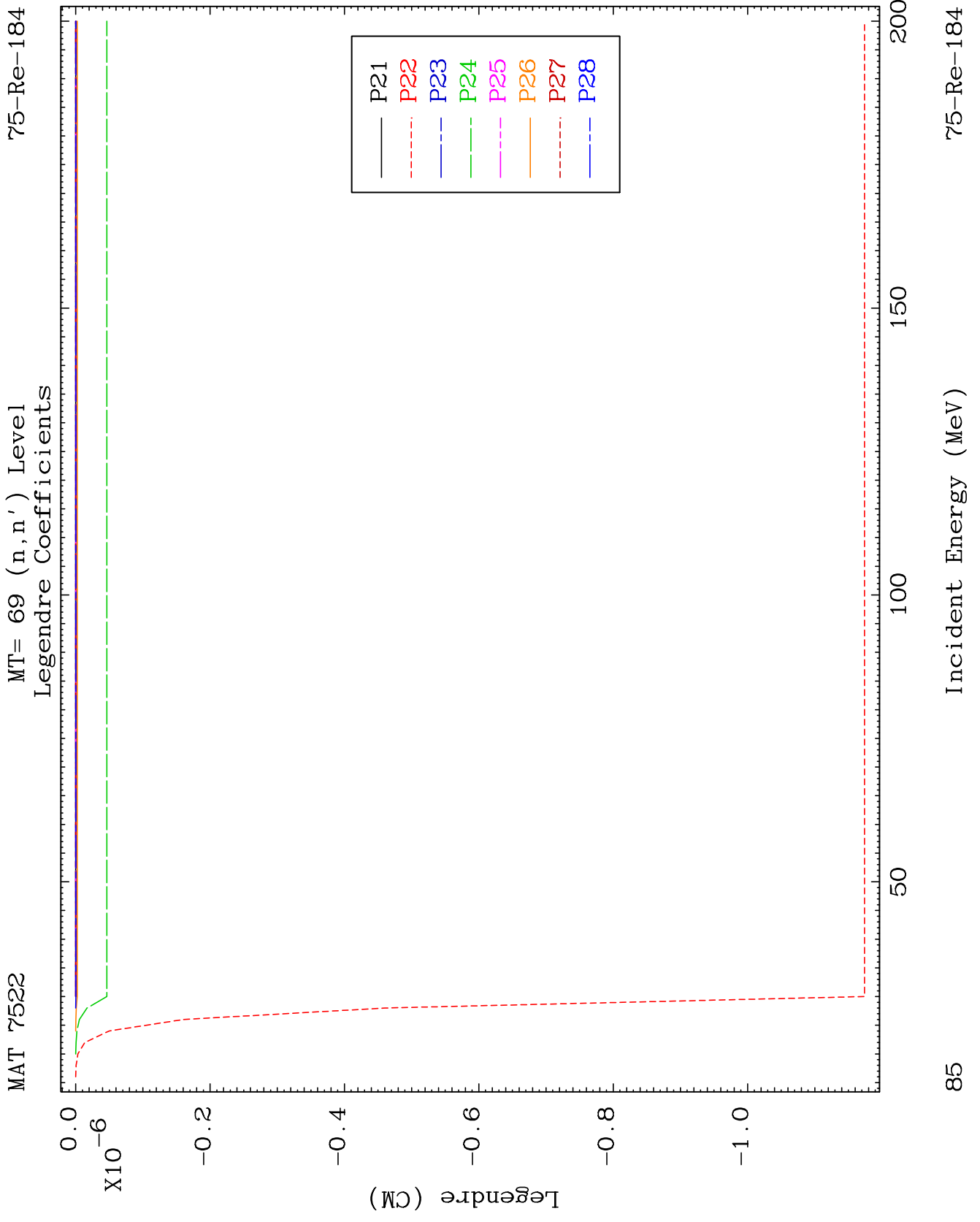
75-Re-184

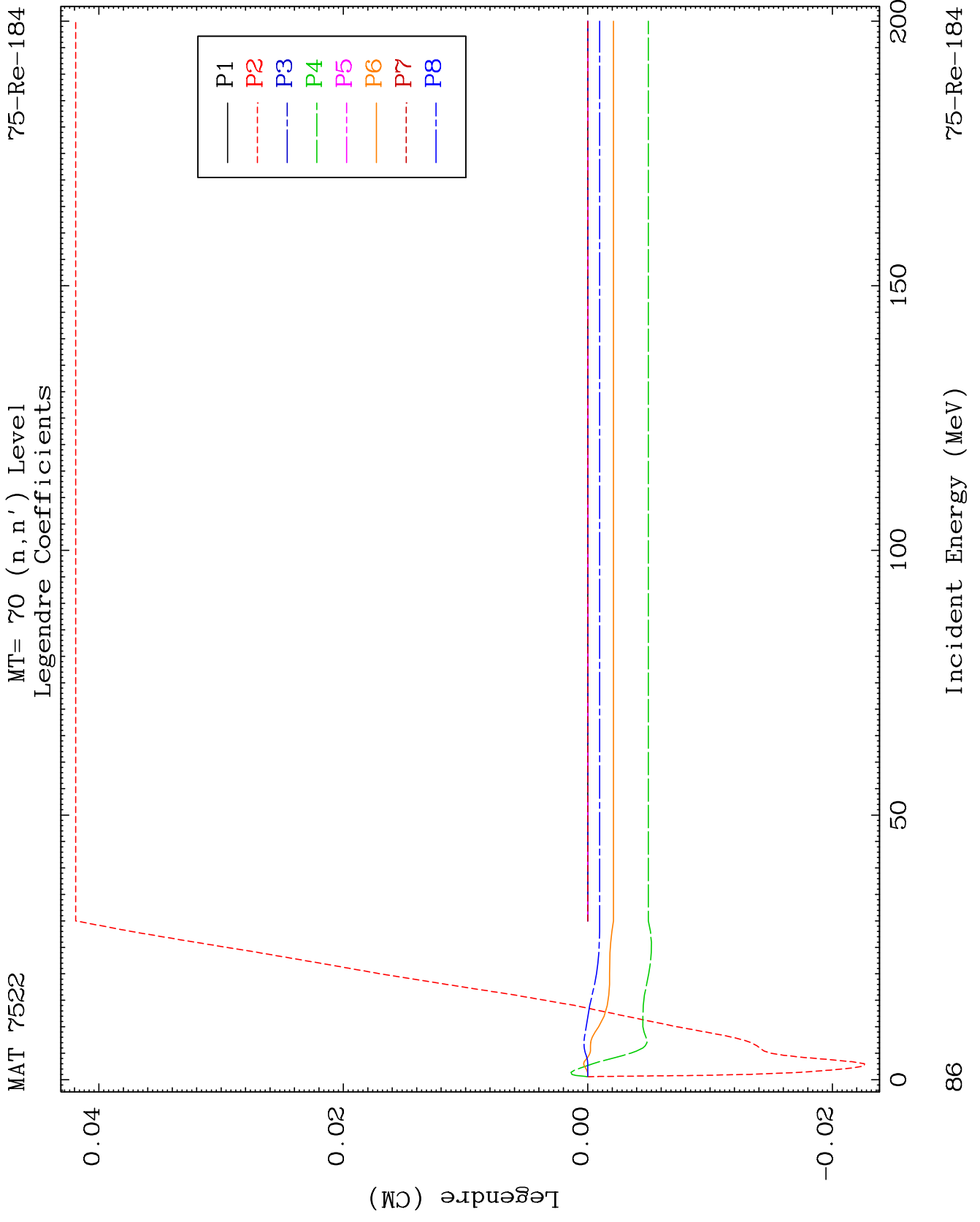


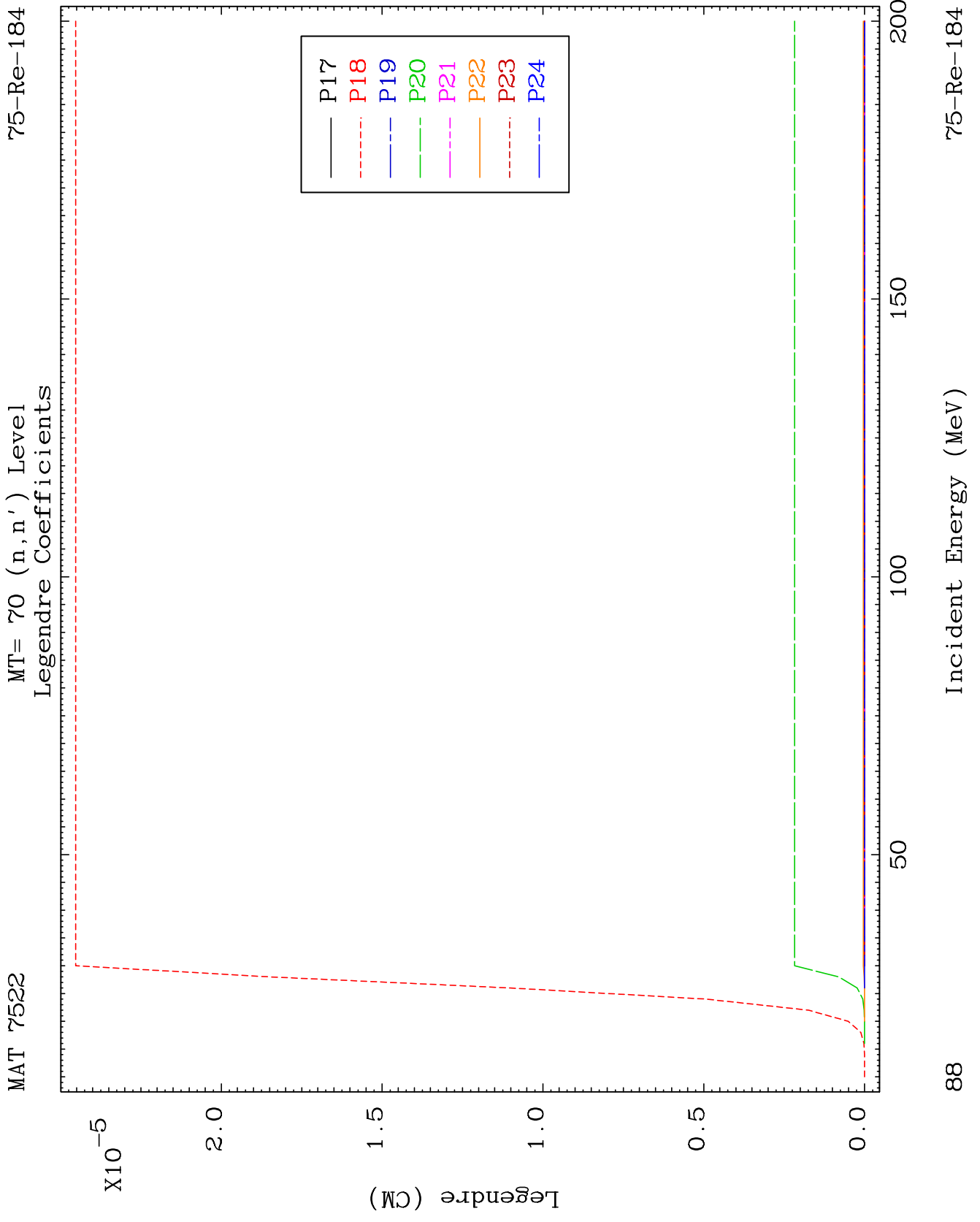
84

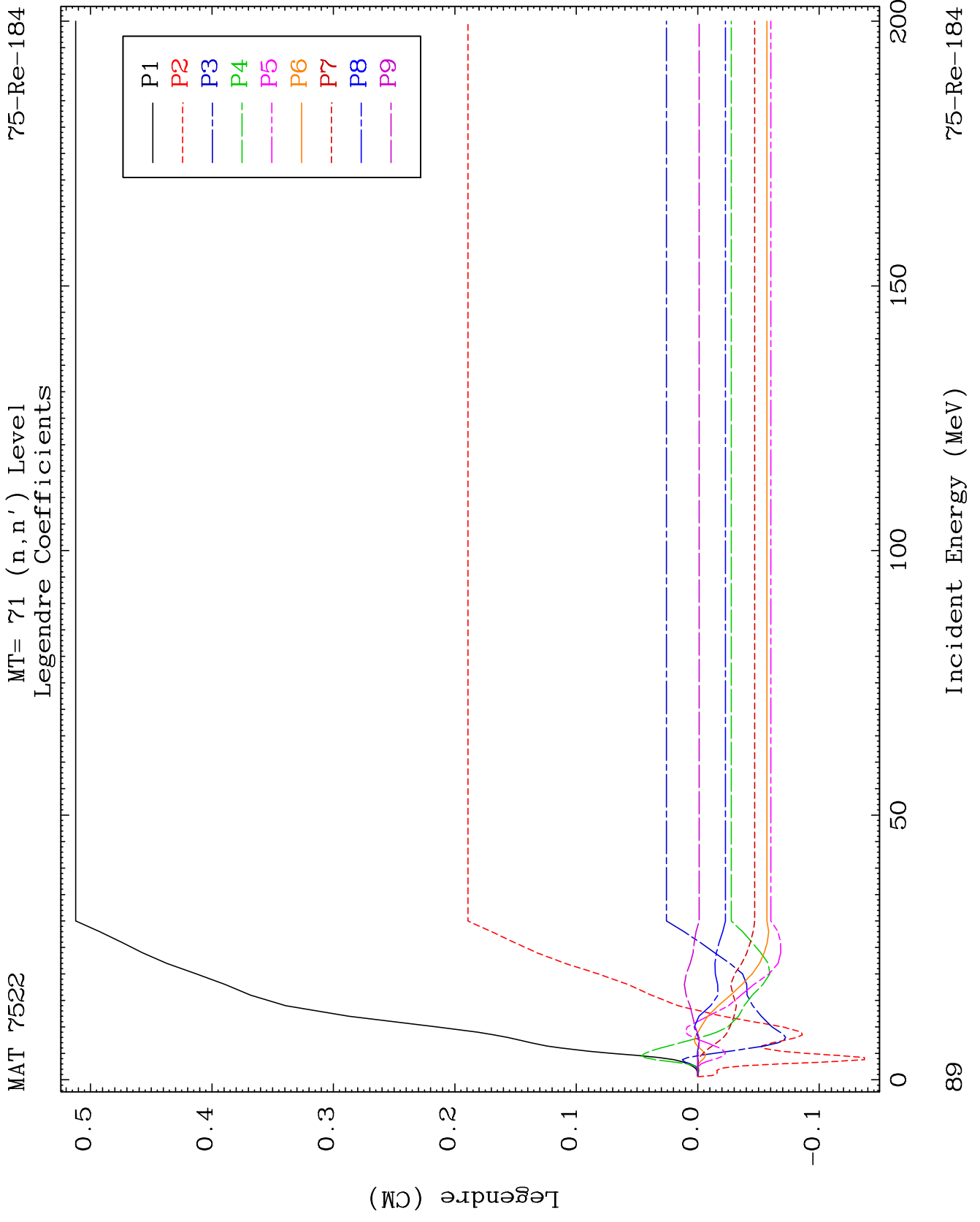
Incident Energy (MeV)

75-Re-184





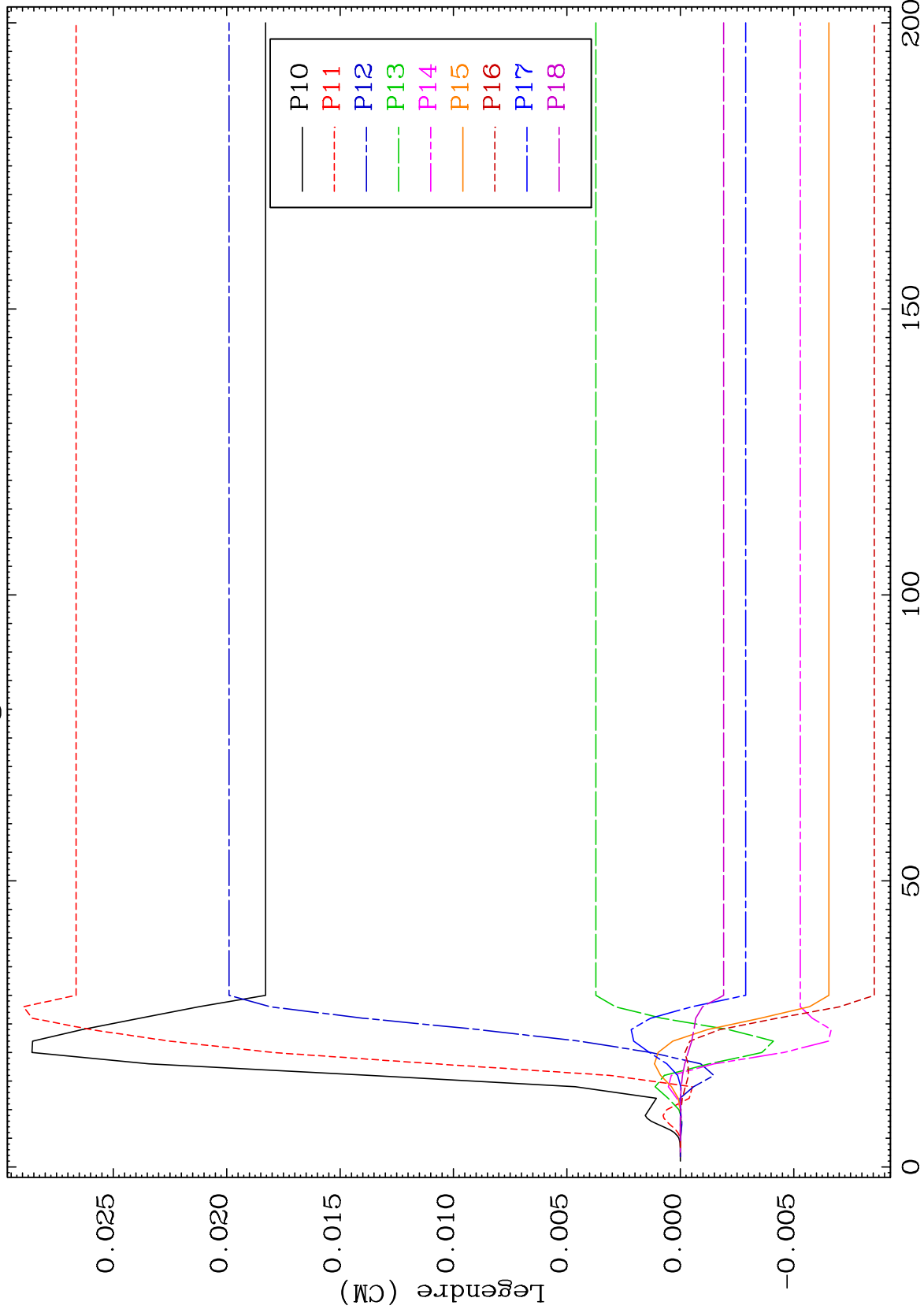




MAT 7522

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

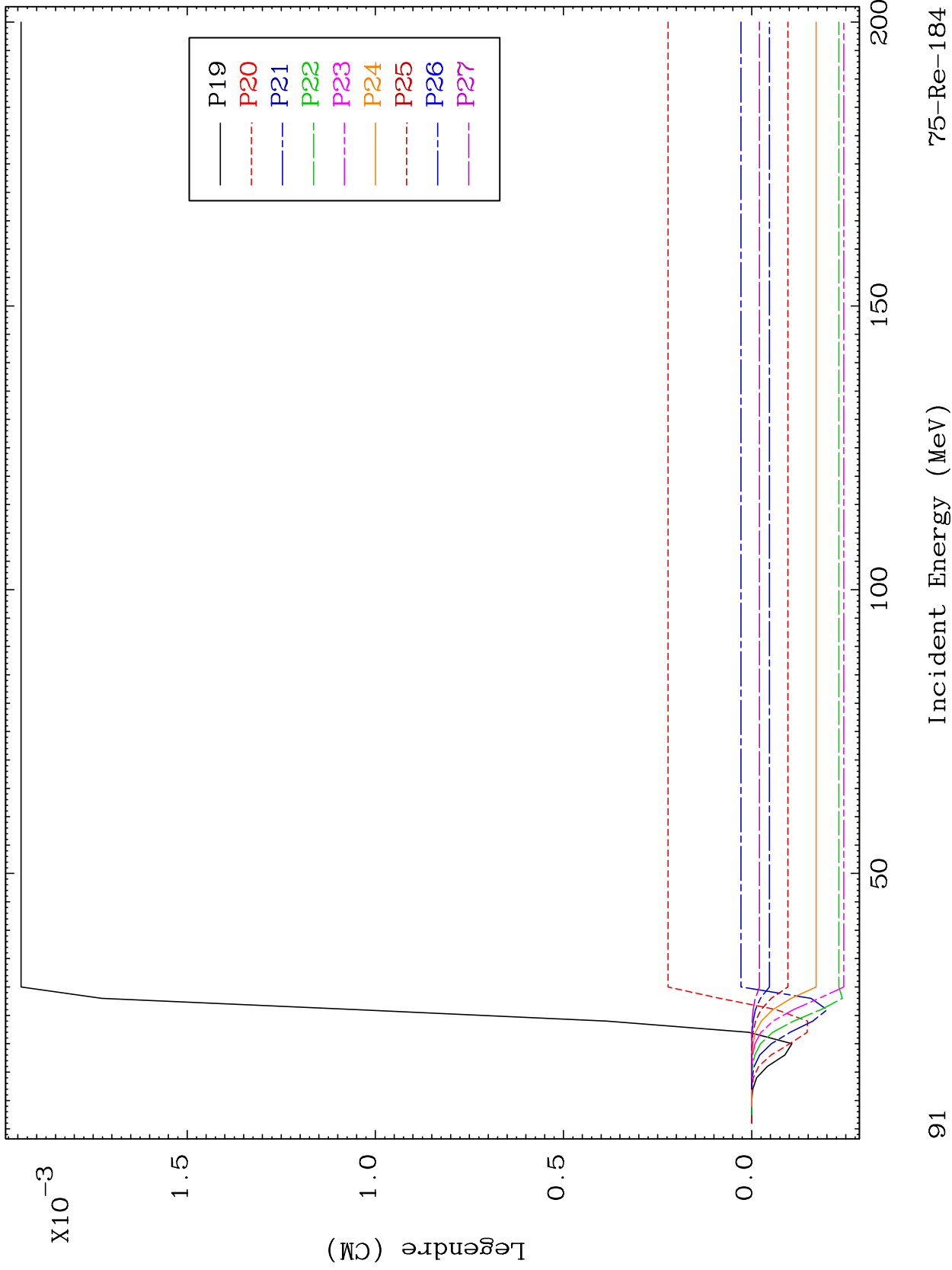
75-Re-184

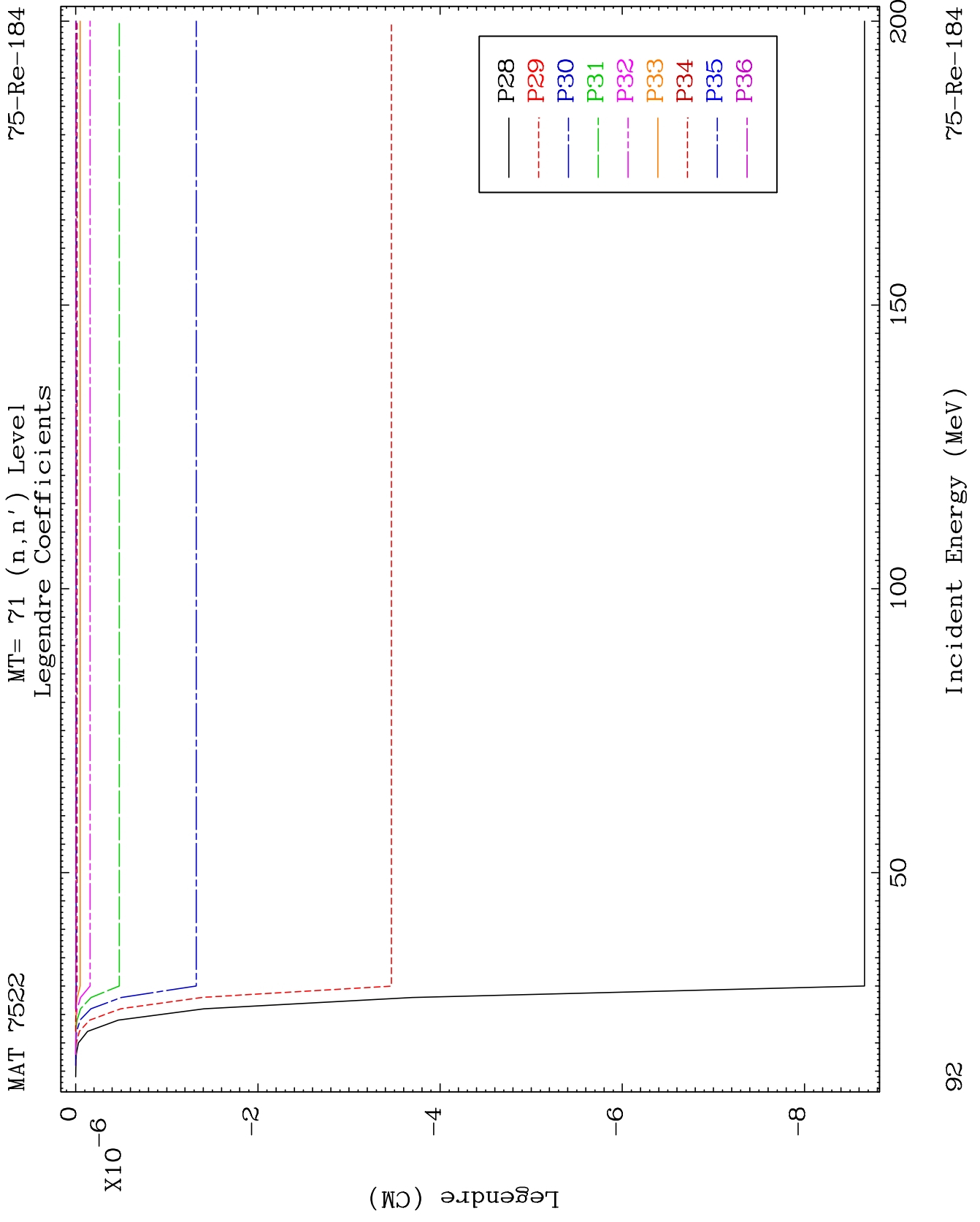


75-Re-184

Incident Energy (MeV)

90

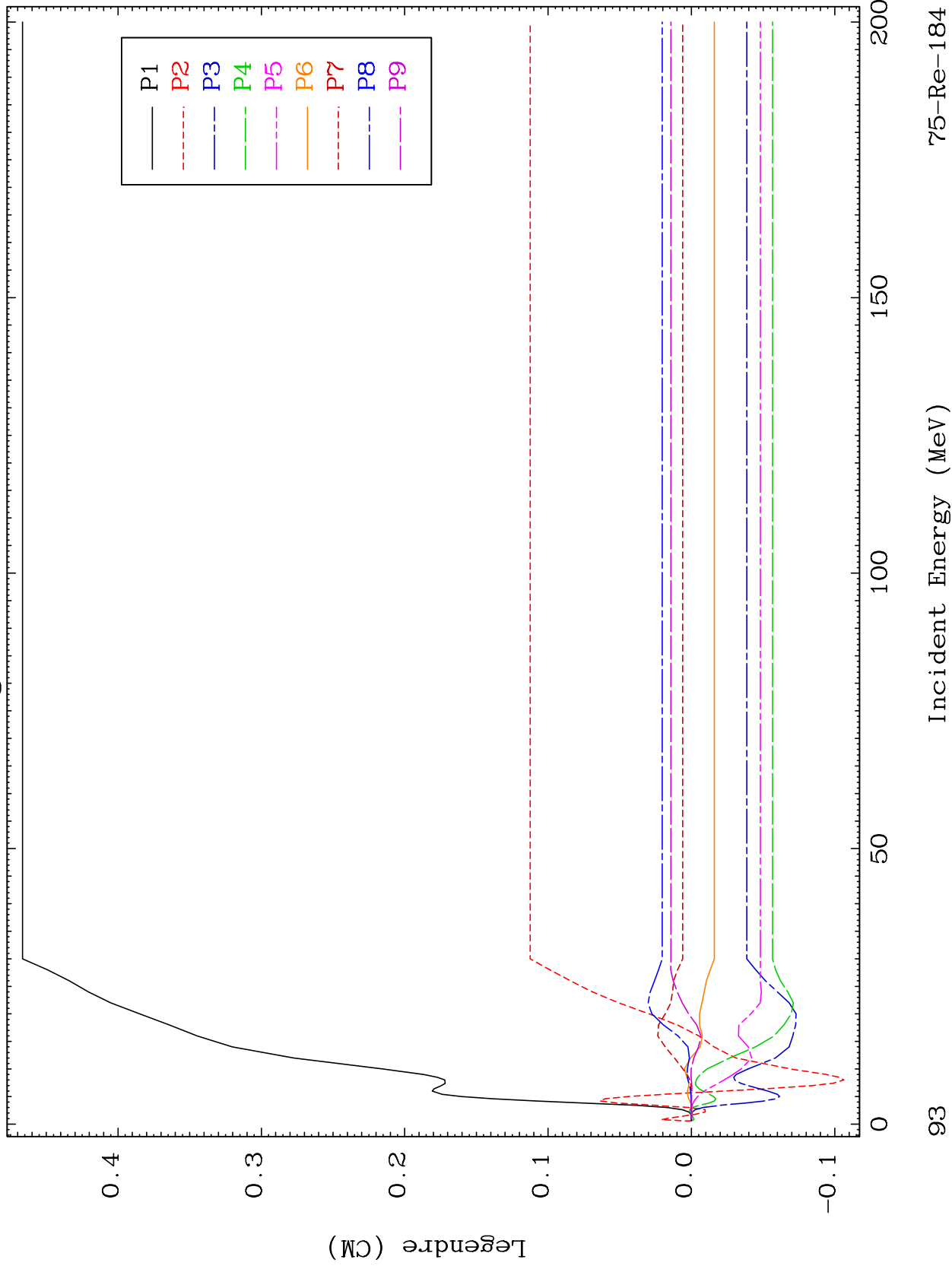




MAT 7522

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

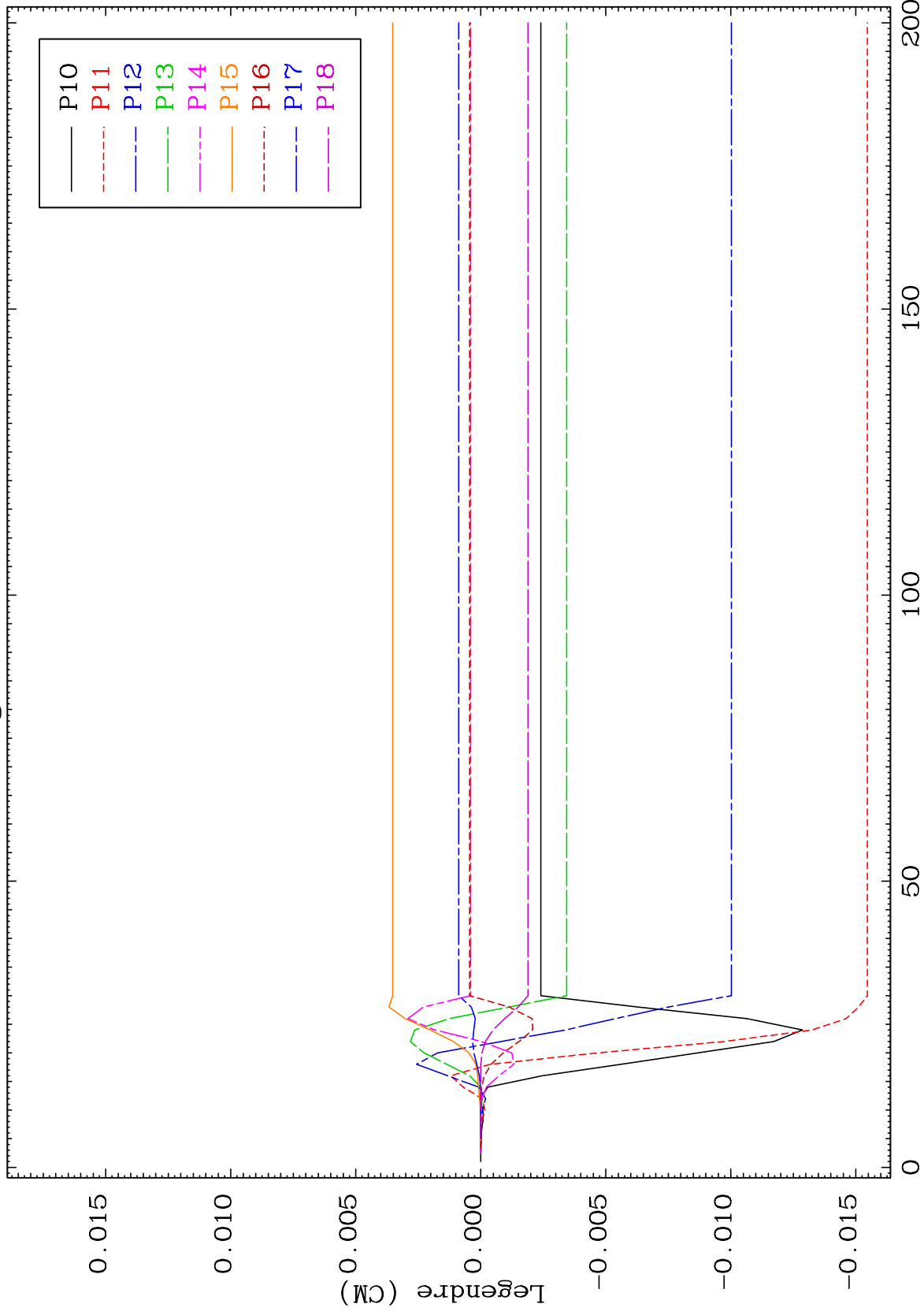
75-Re-184



MAT 7522

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

75-Re-184



94

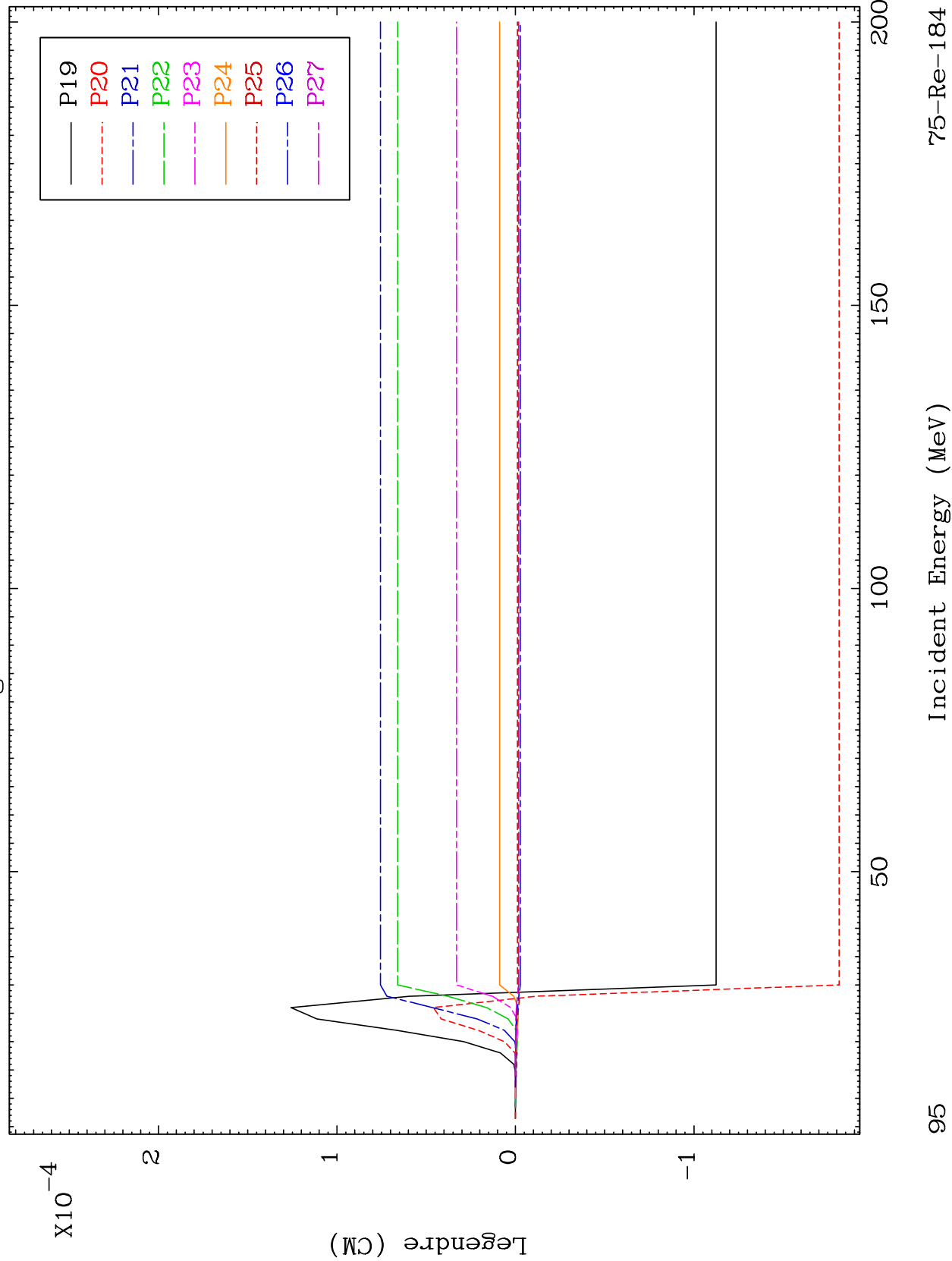
Incident Energy (MeV)

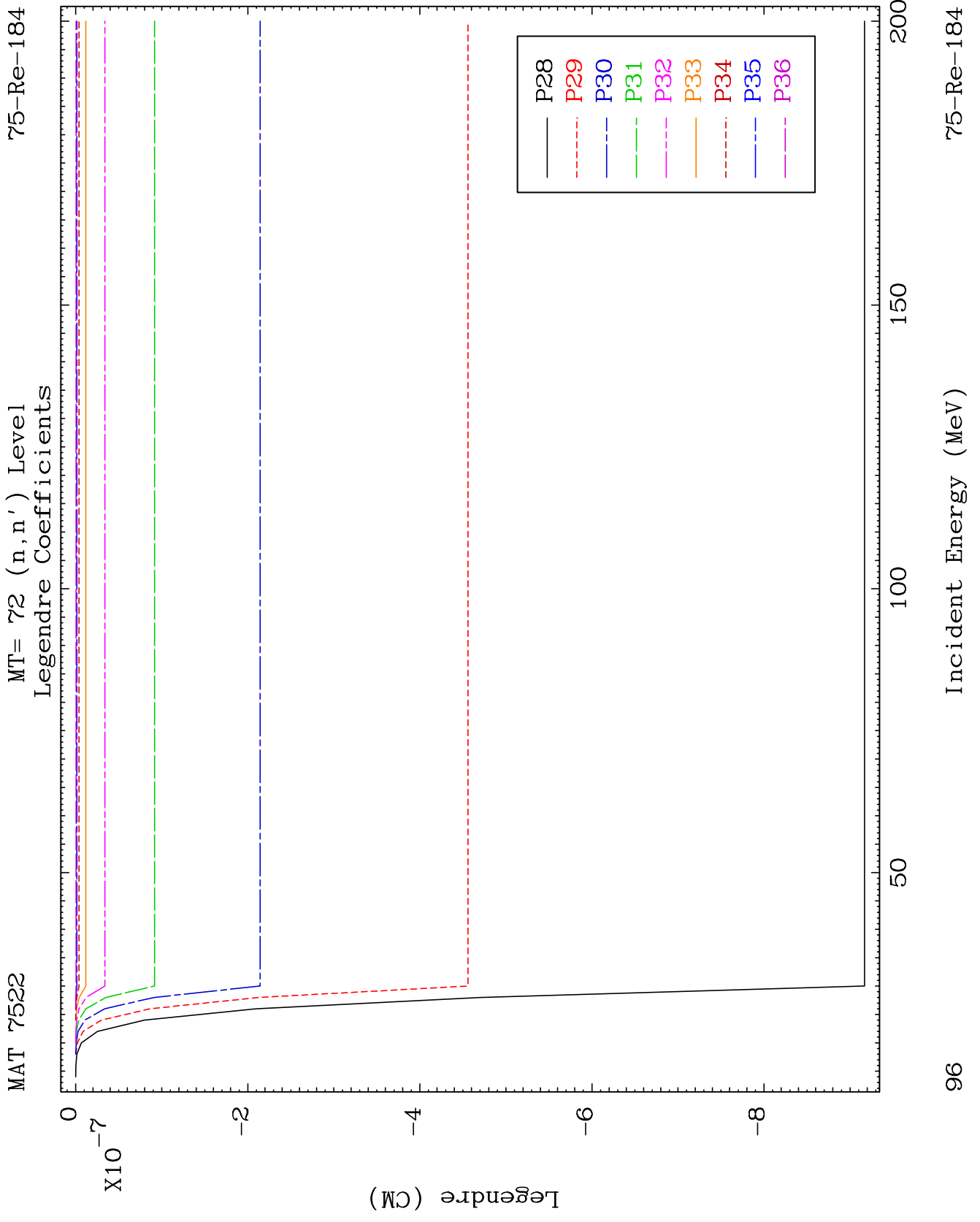
75-Re-184

MAT 7522

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

75-Re-184

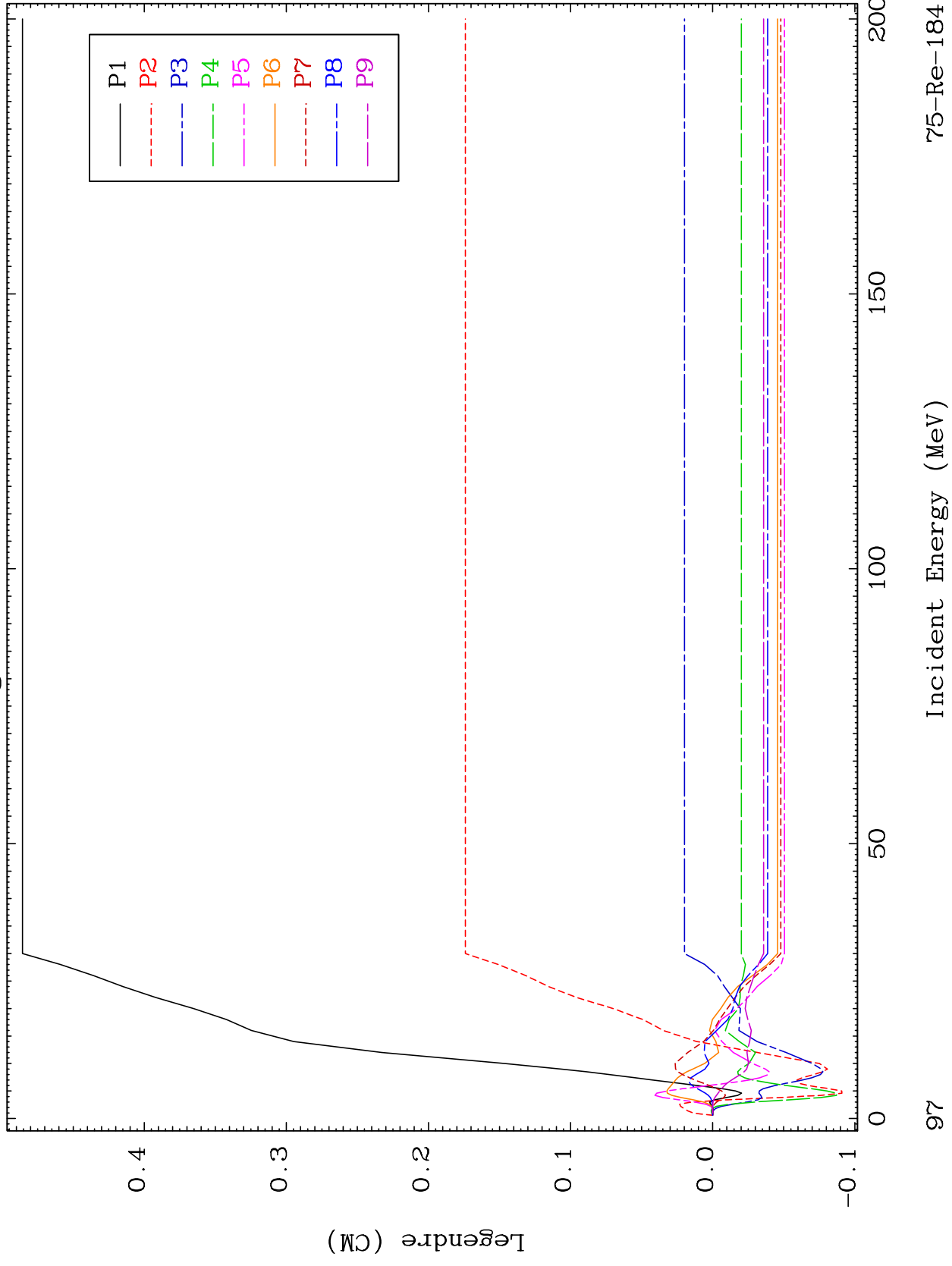




MAT 7522

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

75-Re-184



75-Re-184

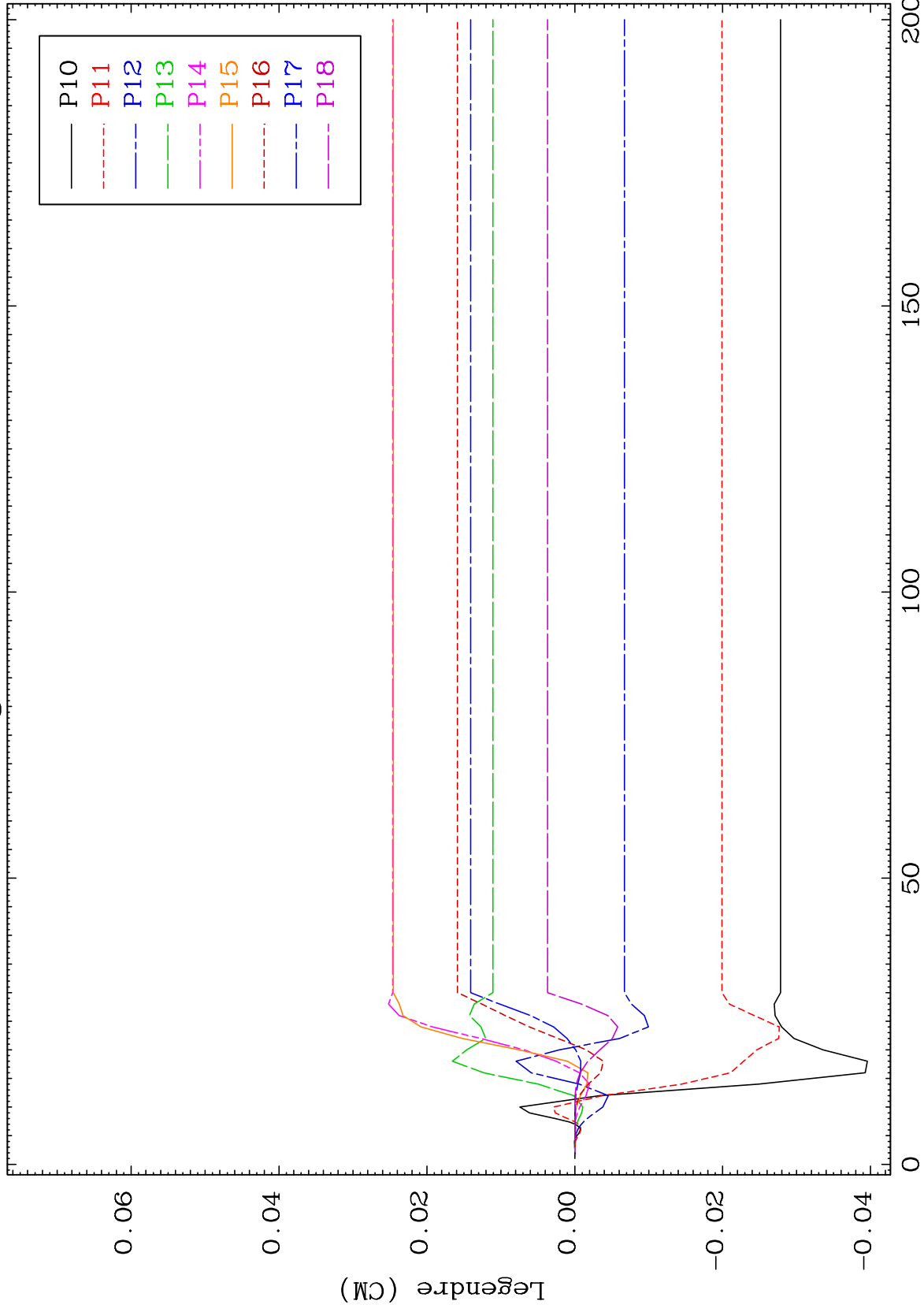
Incident Energy (MeV)

97

MAT 7522

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

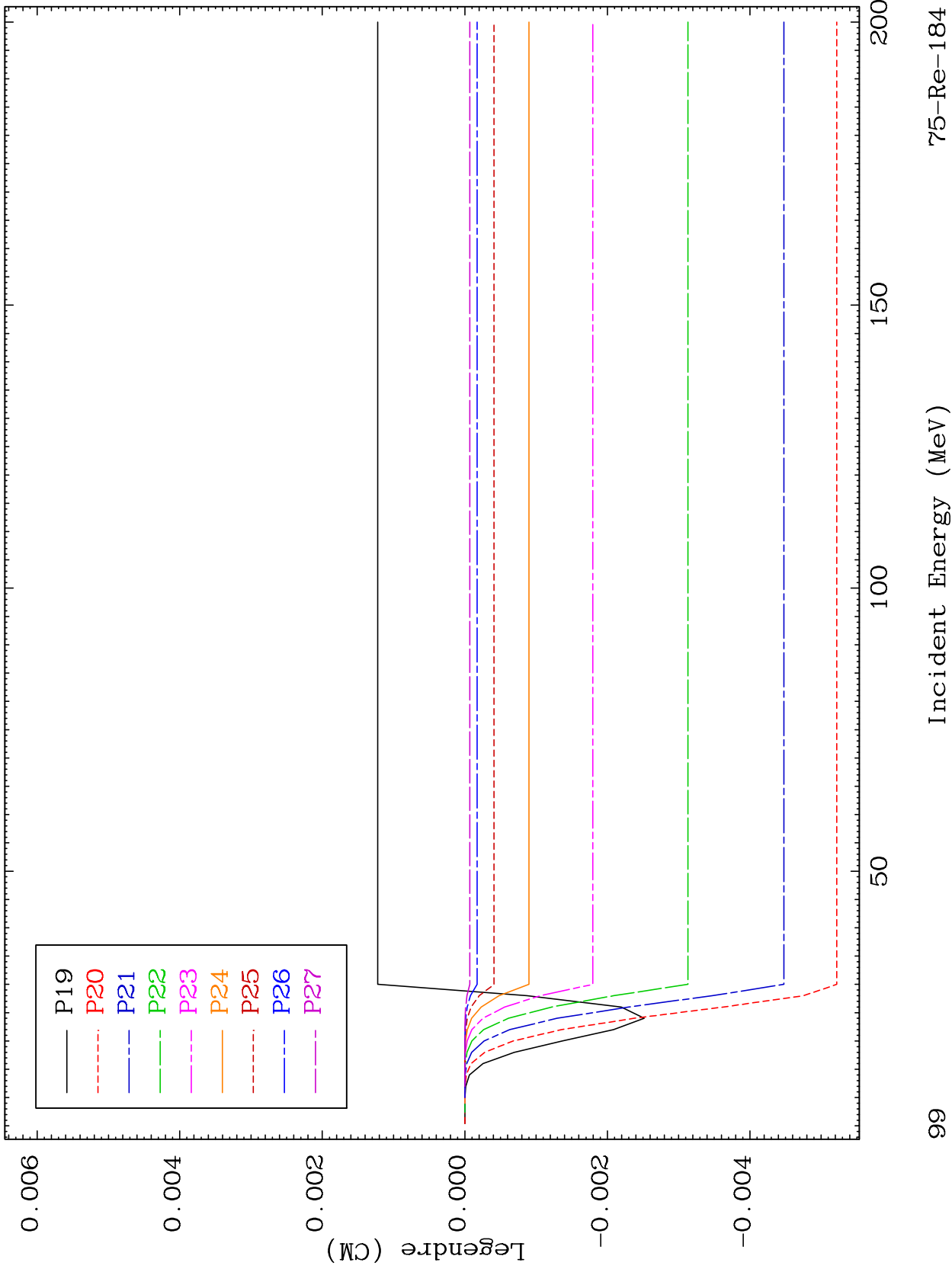
75-Re-184

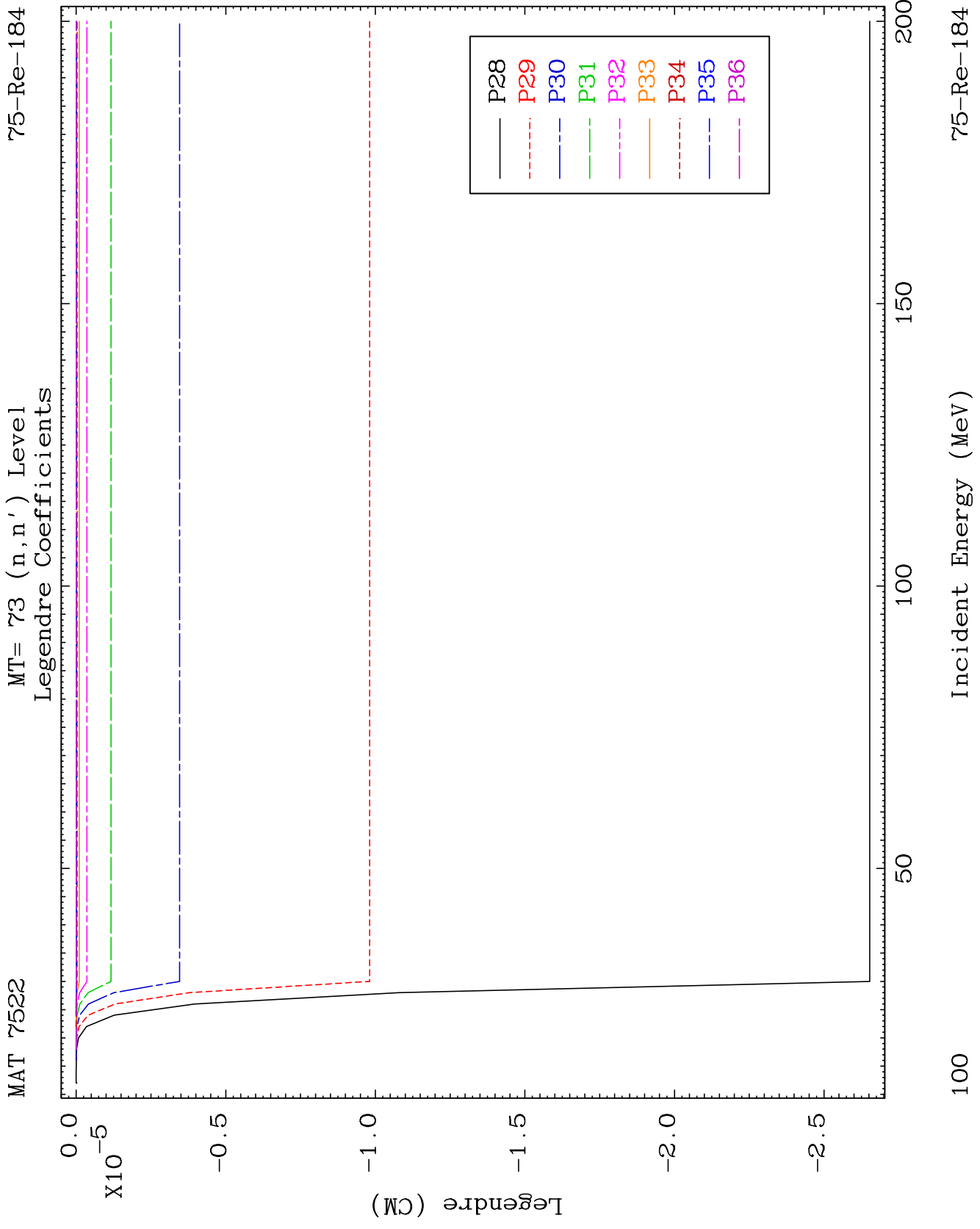


98

Incident Energy (MeV)

75-Re-184



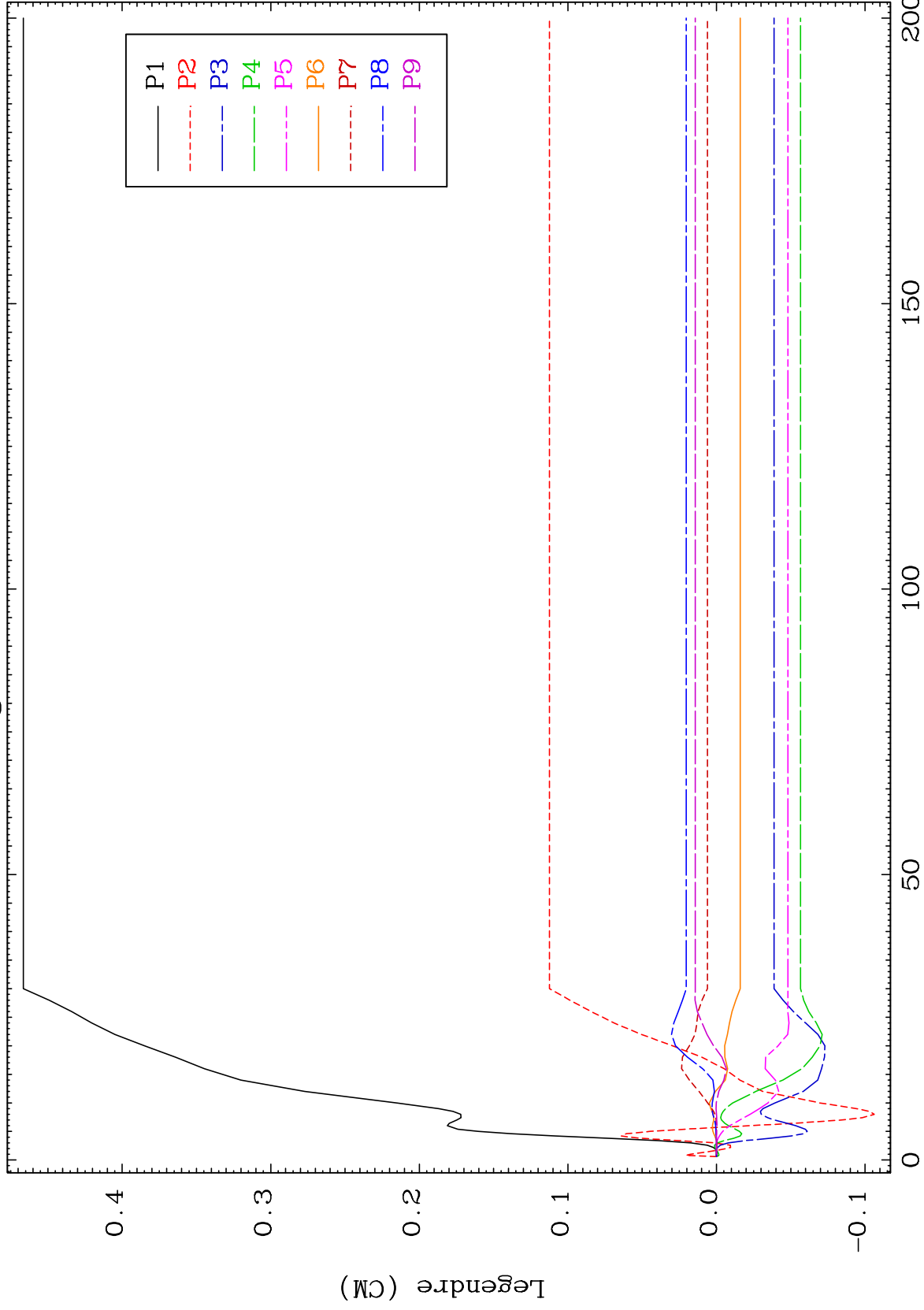


MAT 7522

MT= 74 (n,n') Level

75-Re-184

Legendre Coefficients



101

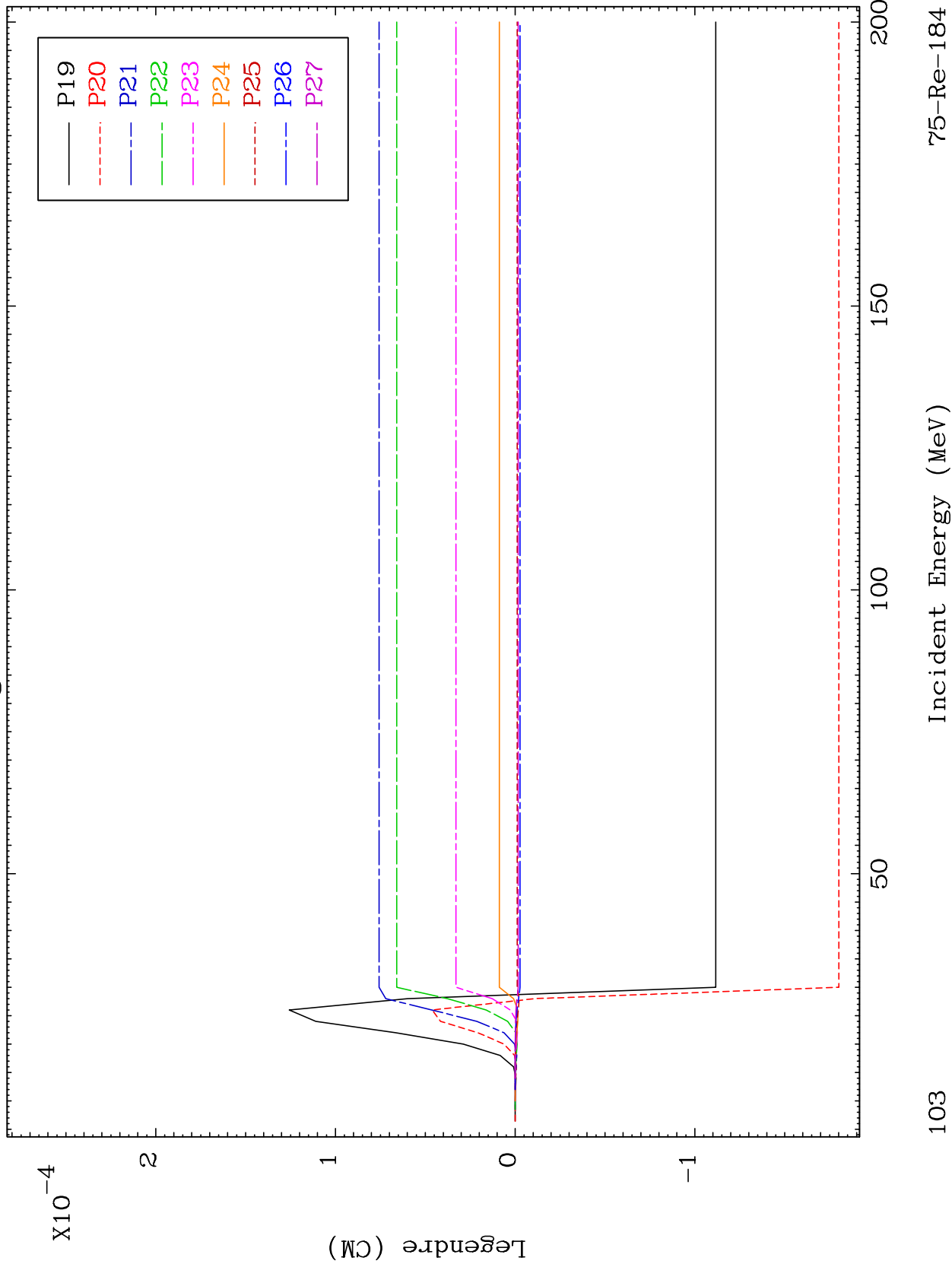
Incident Energy (MeV)

75-Re-184

MAT 7522

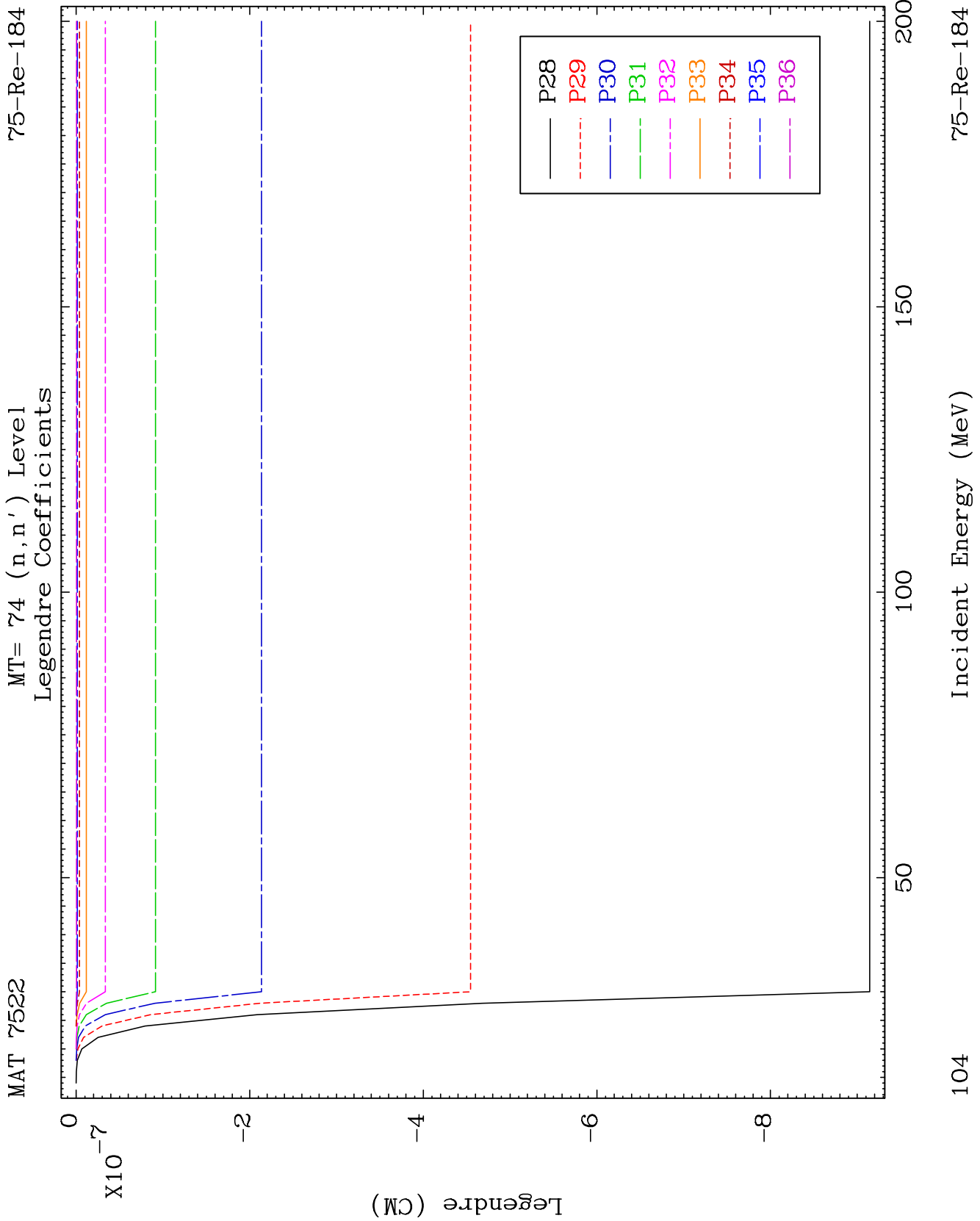
MT= 74 (n,n') Level
Legendre Coefficients

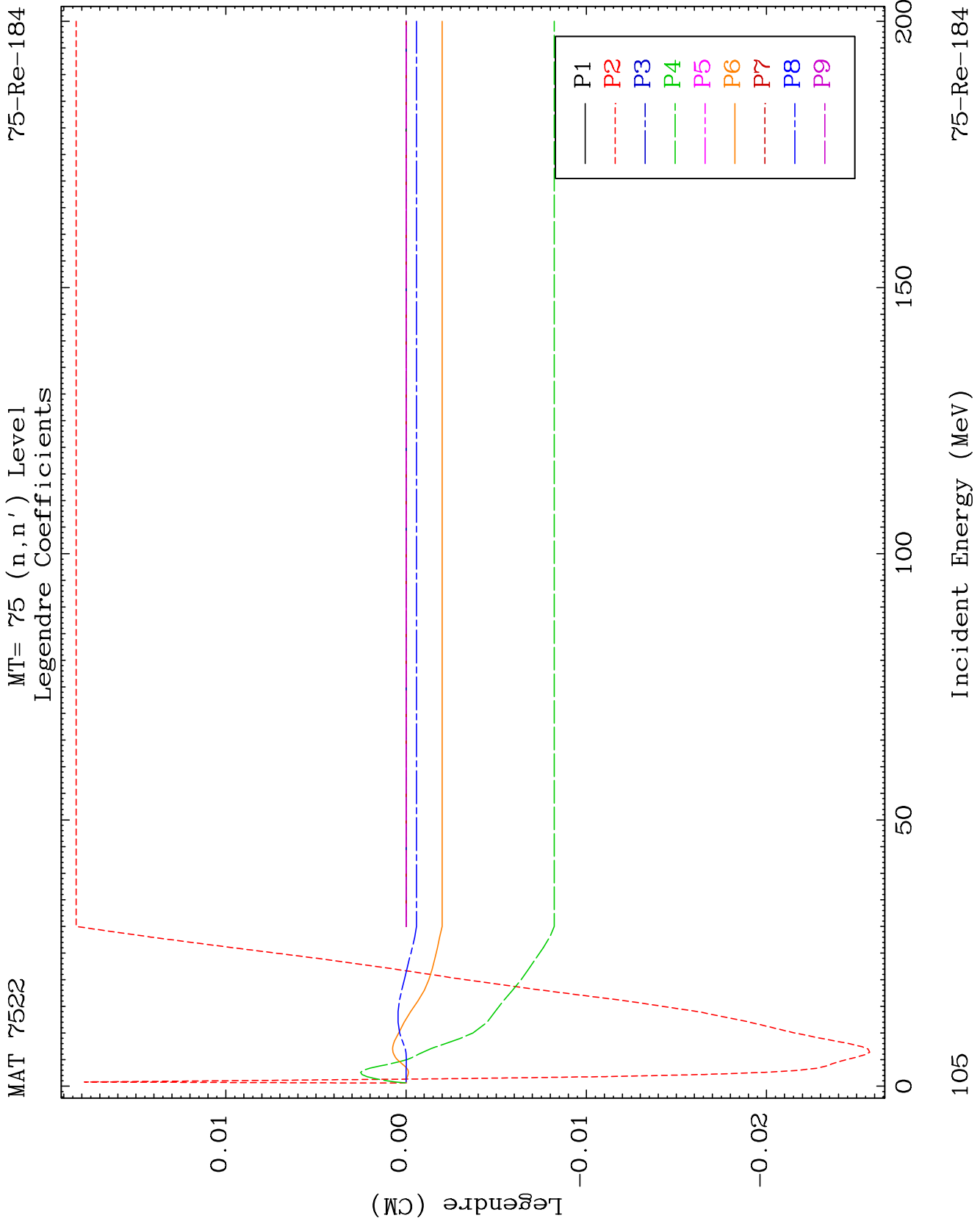
75-Re-184

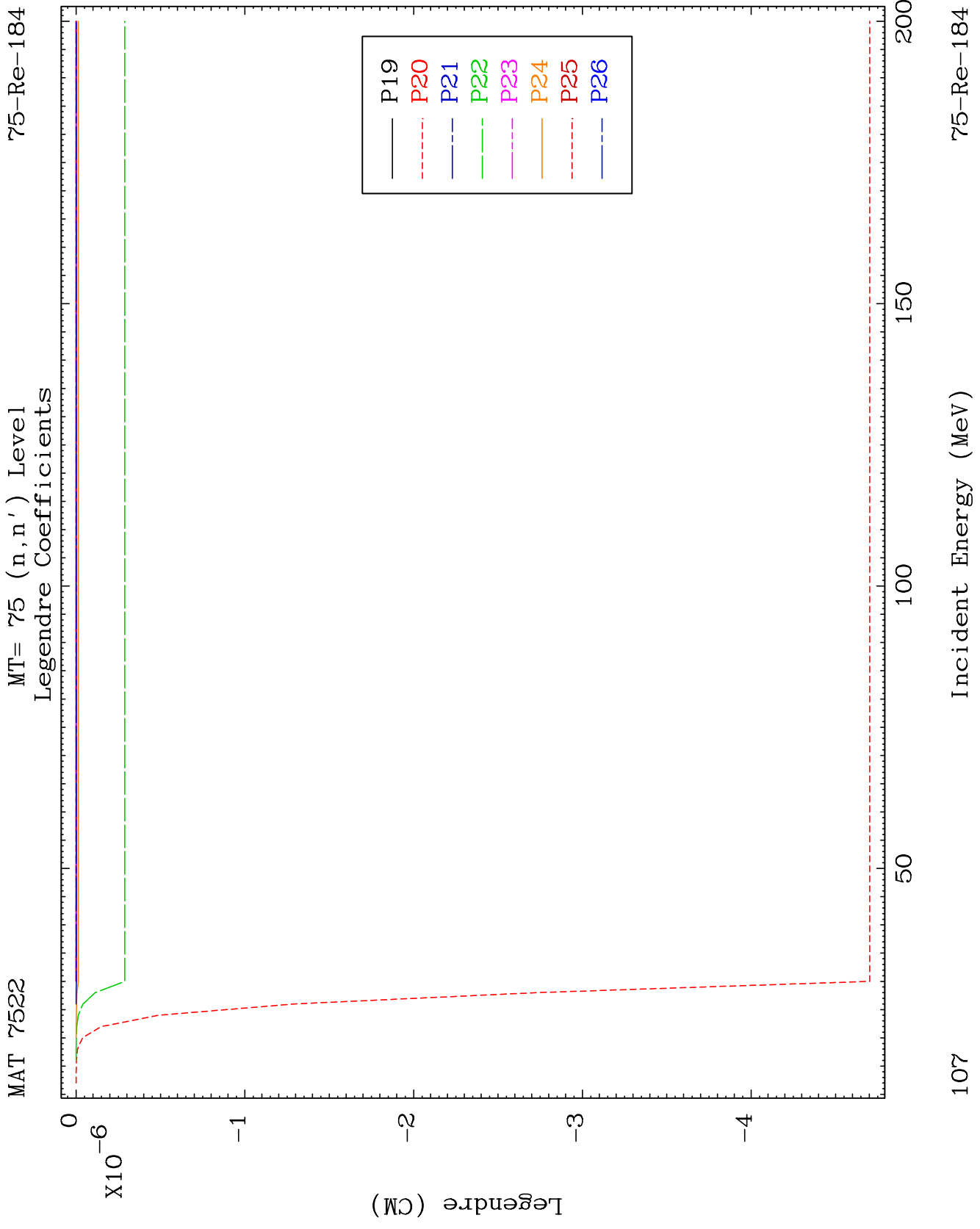


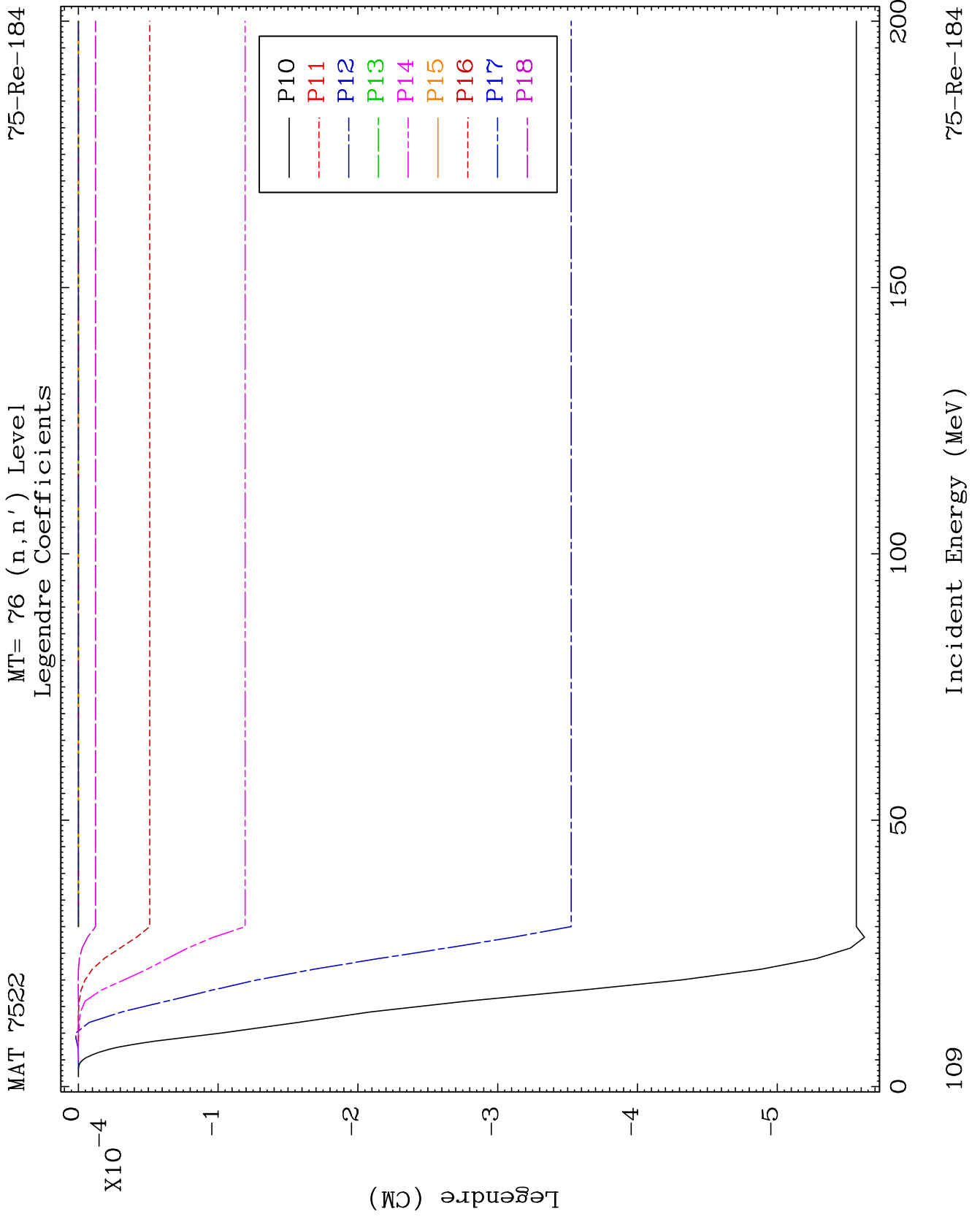
103

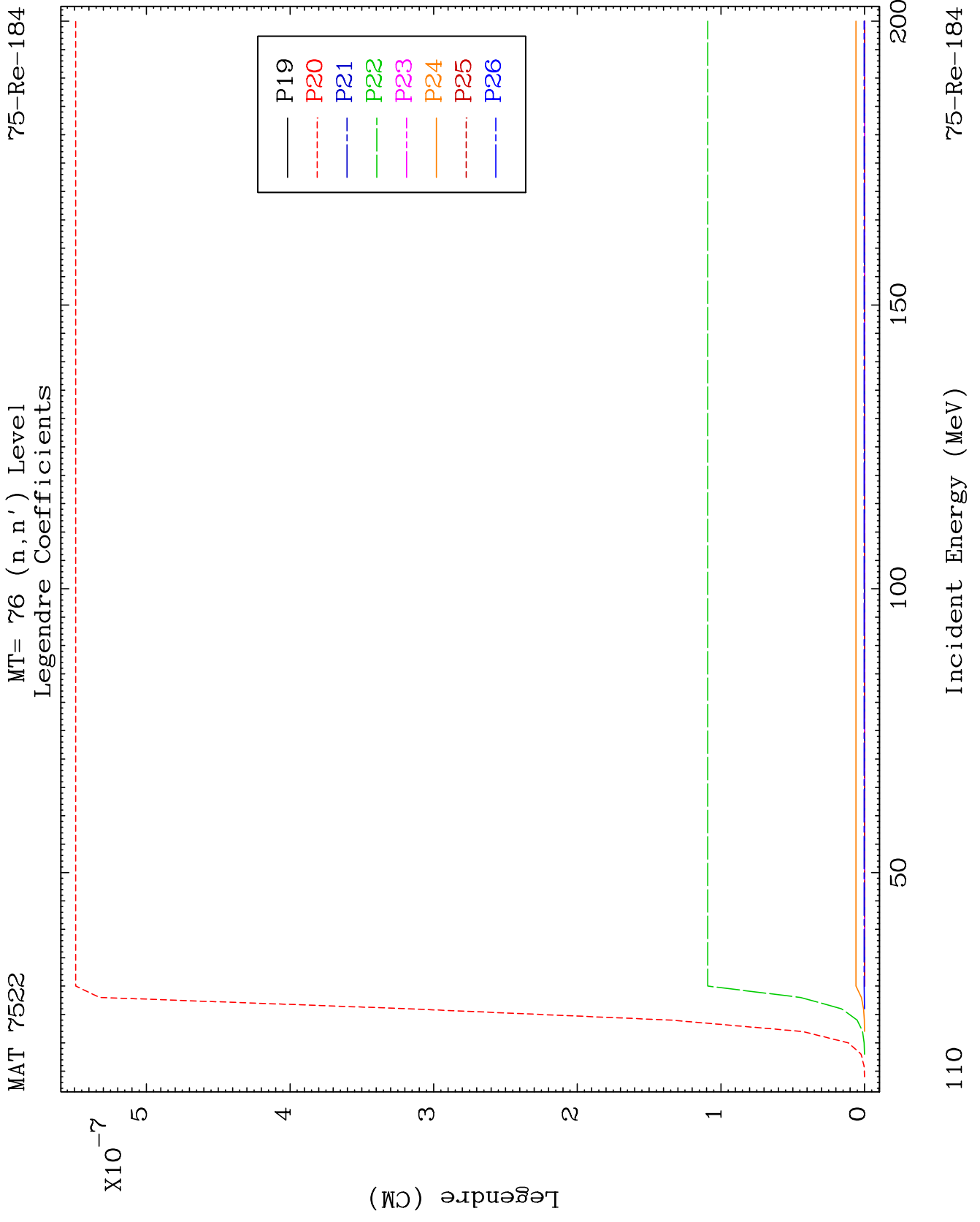
75-Re-184







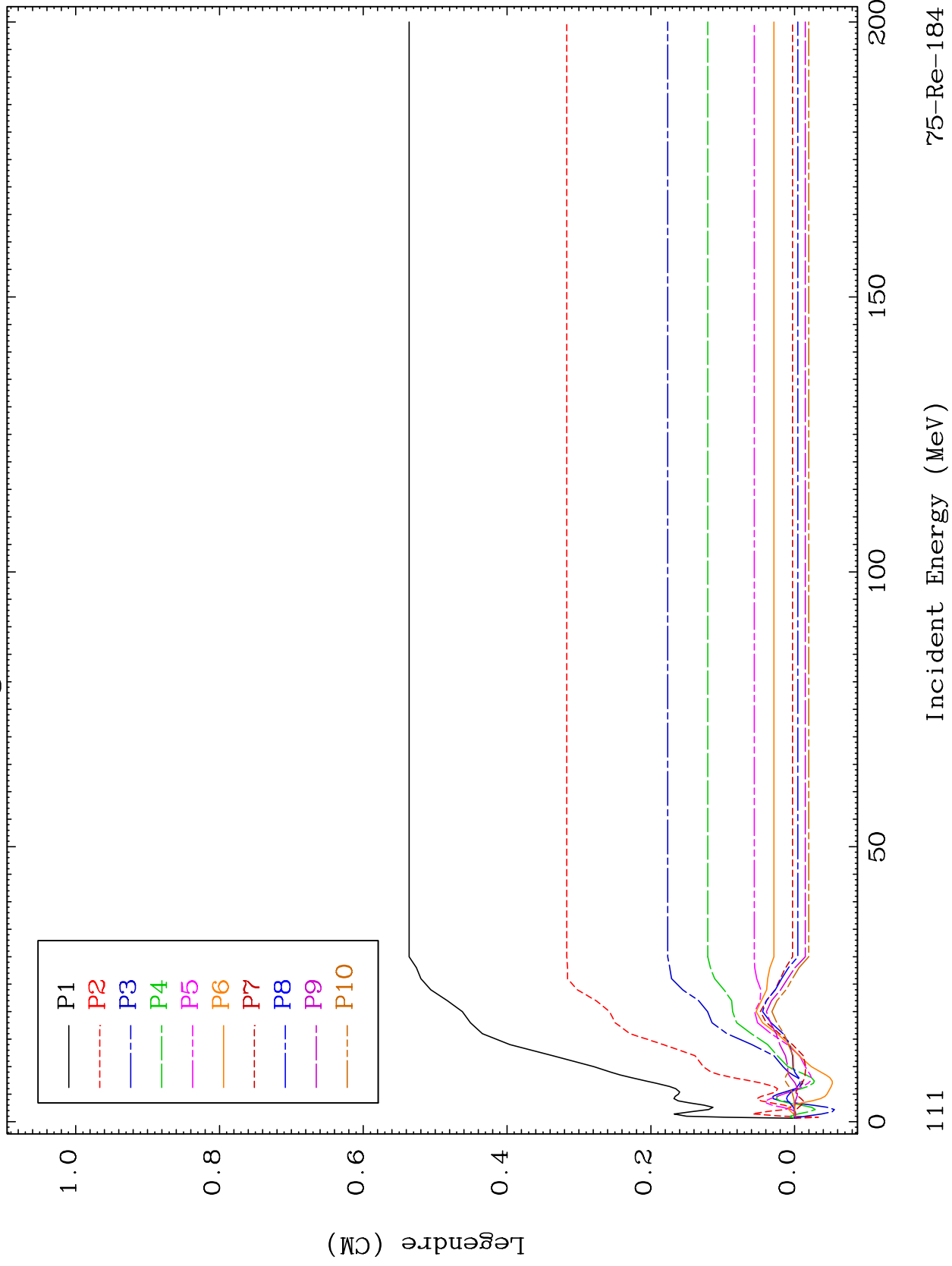




MAT 7522

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

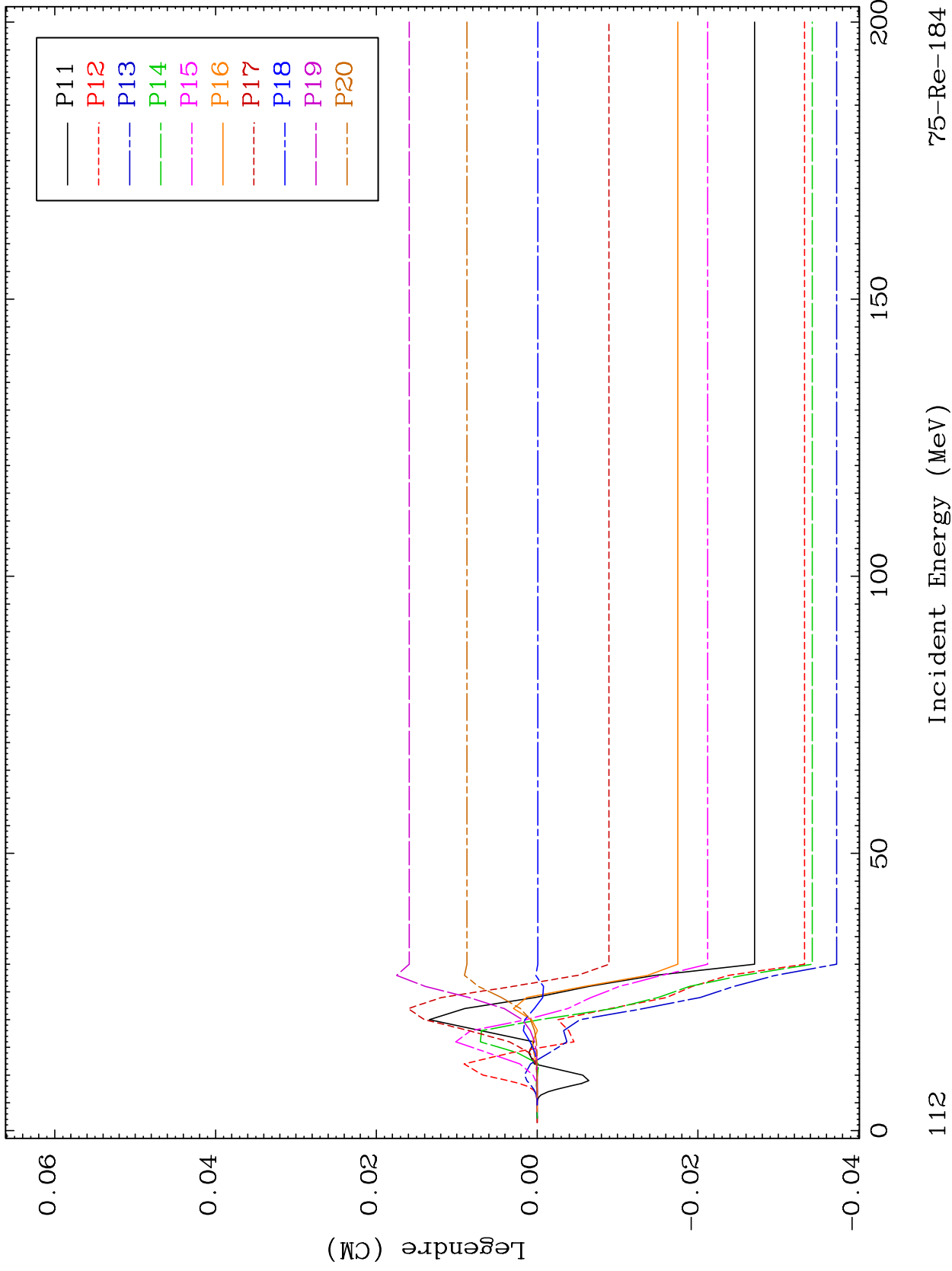
75-Re-184



MAT 7522

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

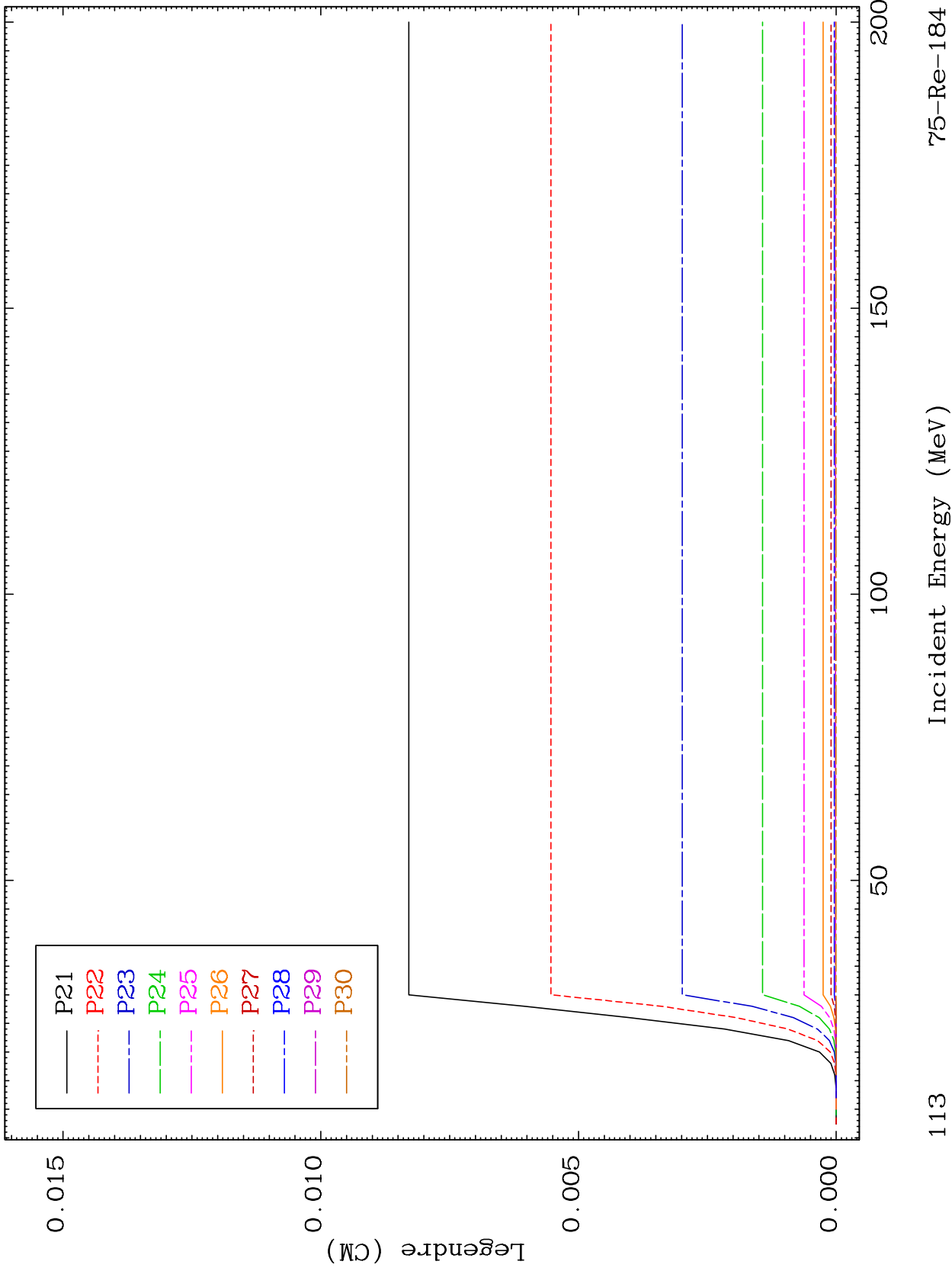
75-Re-184



112

Incident Energy (MeV)

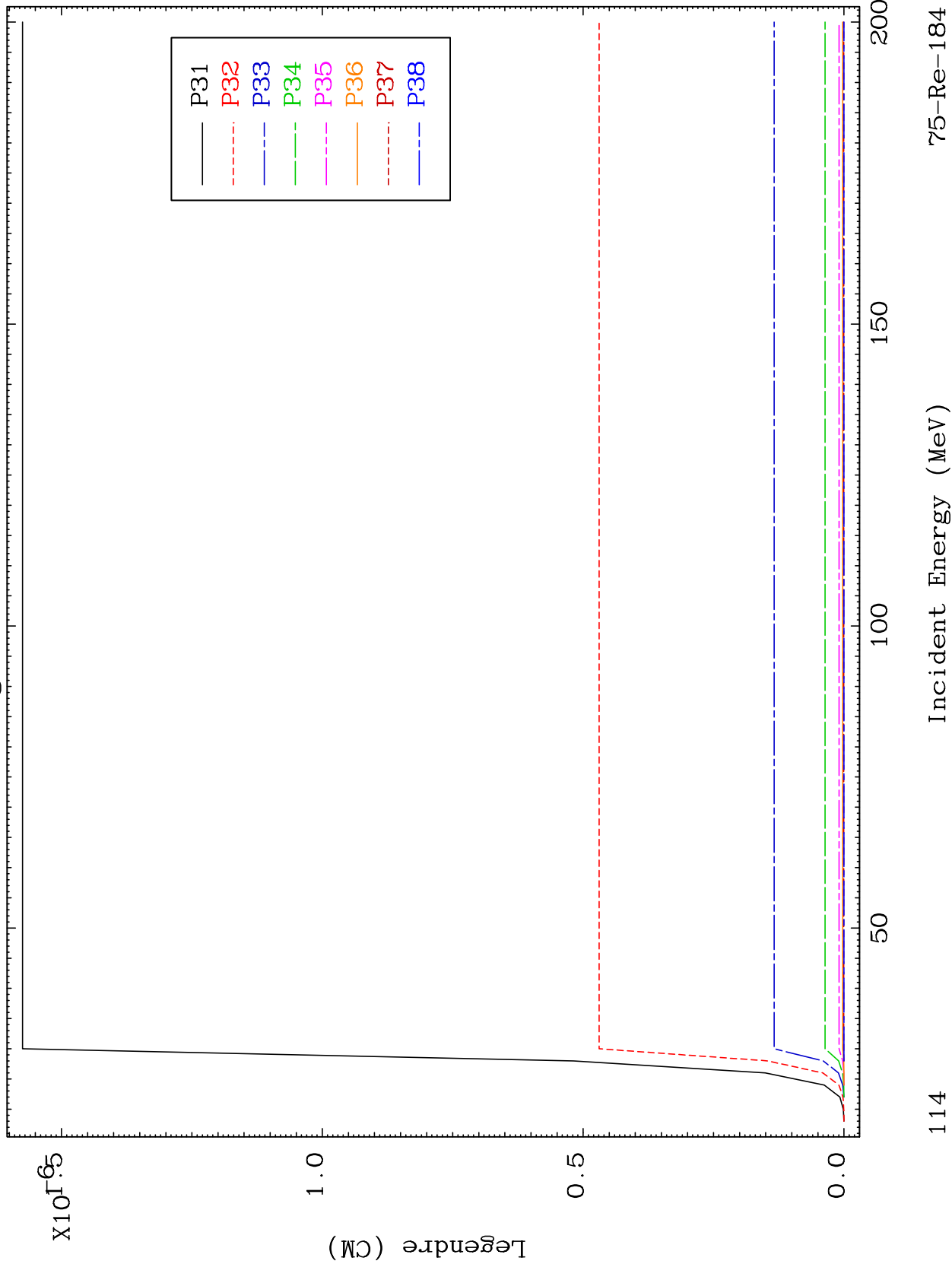
75-Re-184



MAT 7522

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

75-Re-184



114

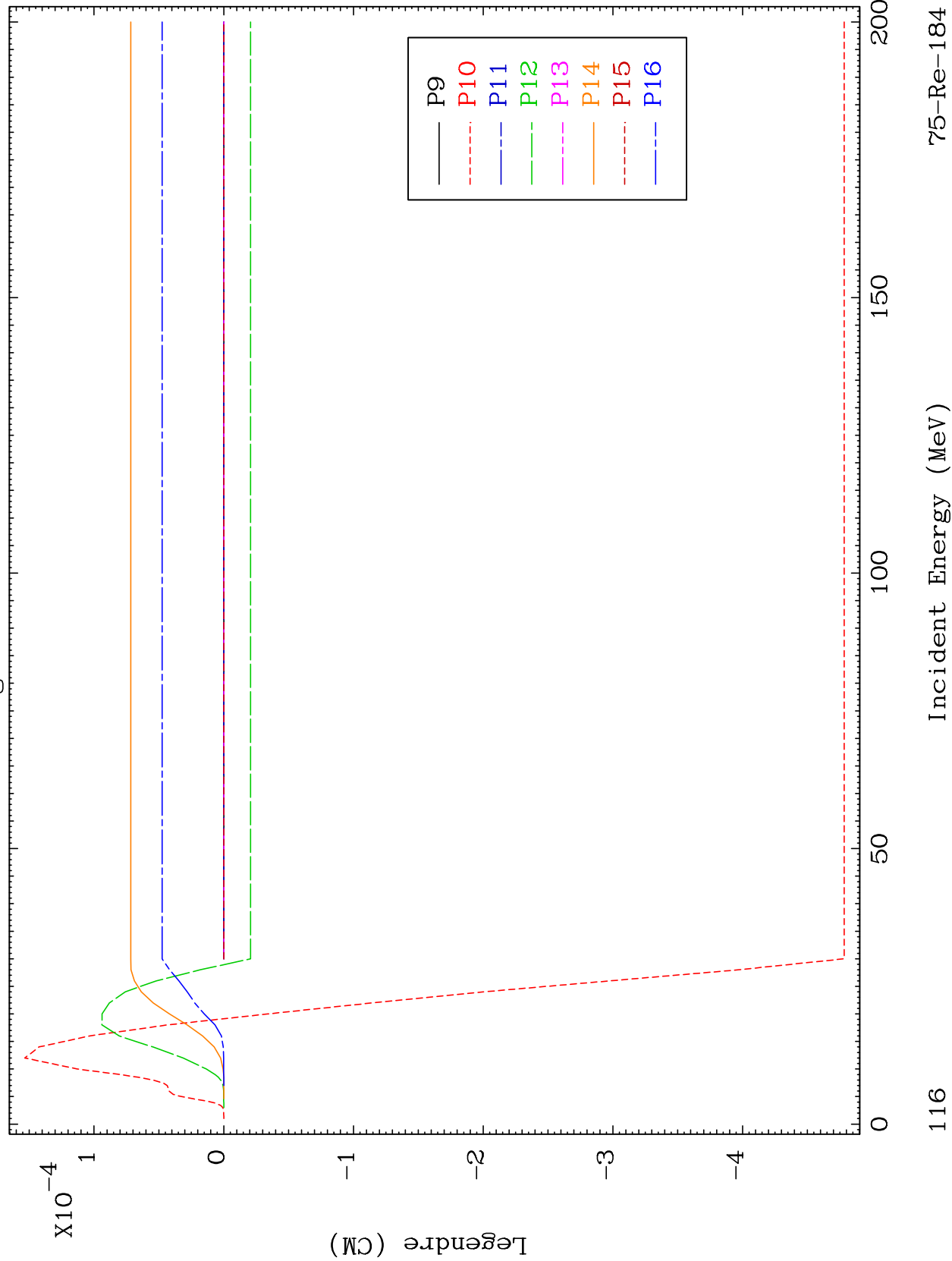
Incident Energy (MeV)

75-Re-184

MAT 7522

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

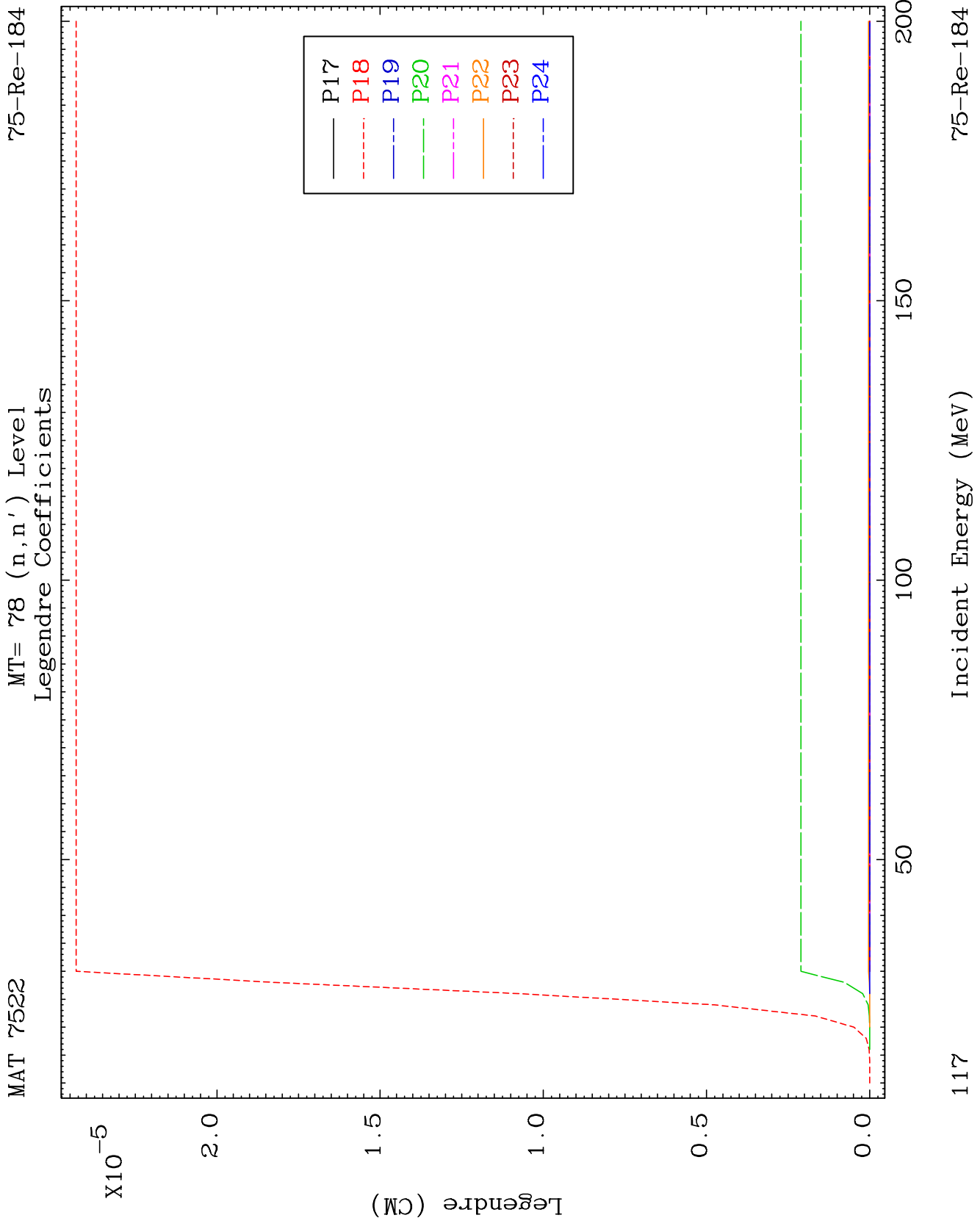
75-Re-184

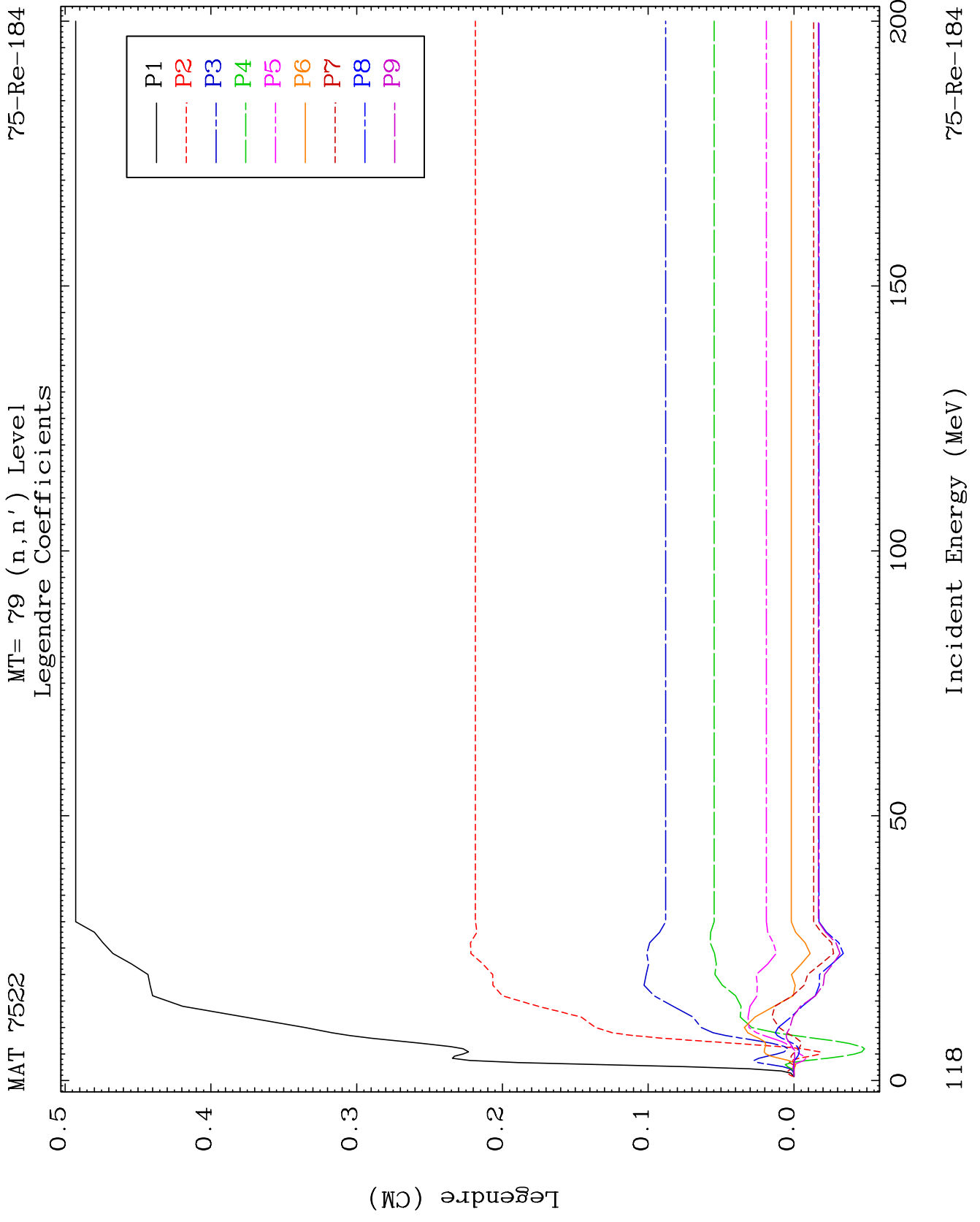


116

Incident Energy (MeV)

75-Re-184

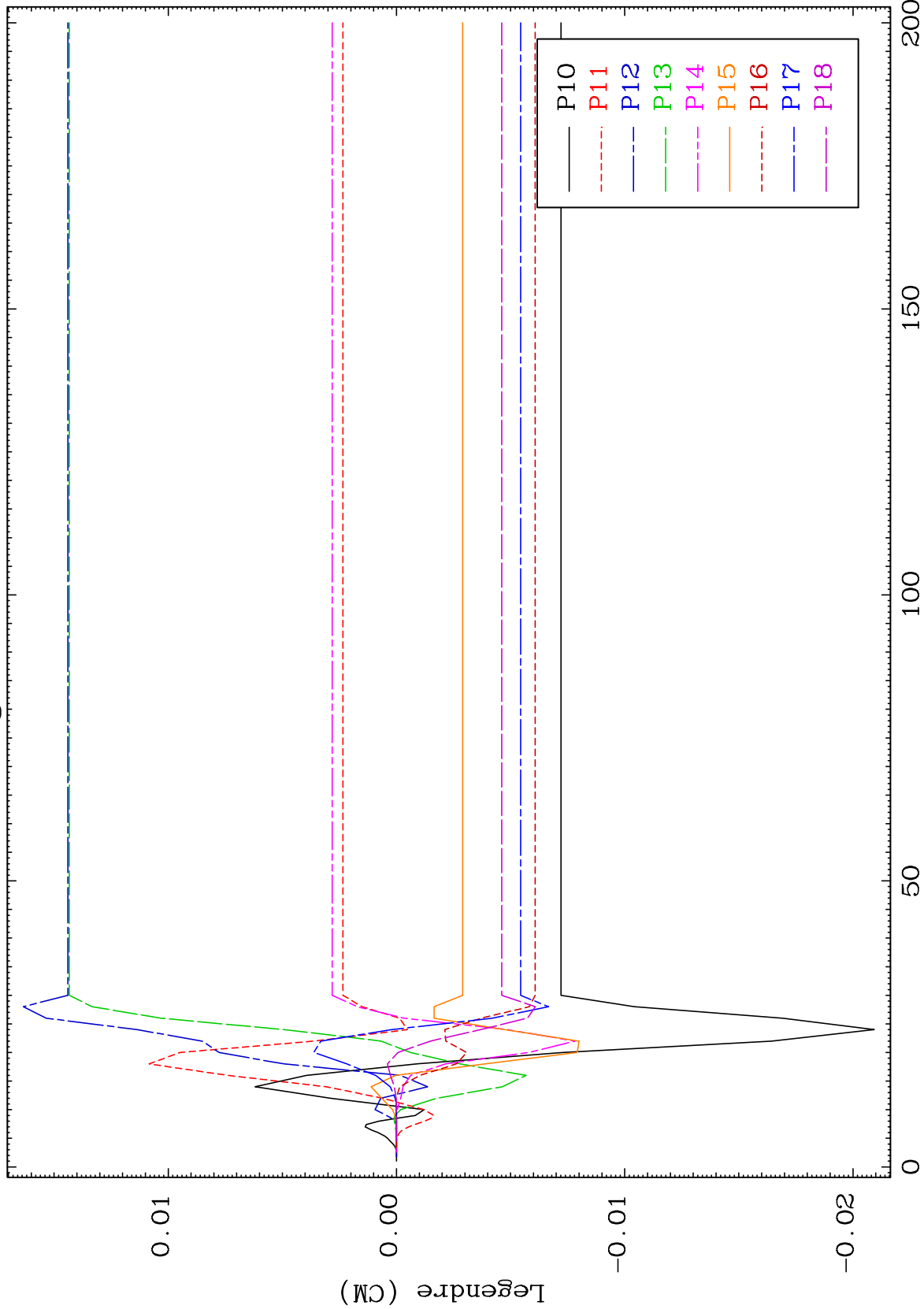




MAT 7522

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

75-Re-184



119

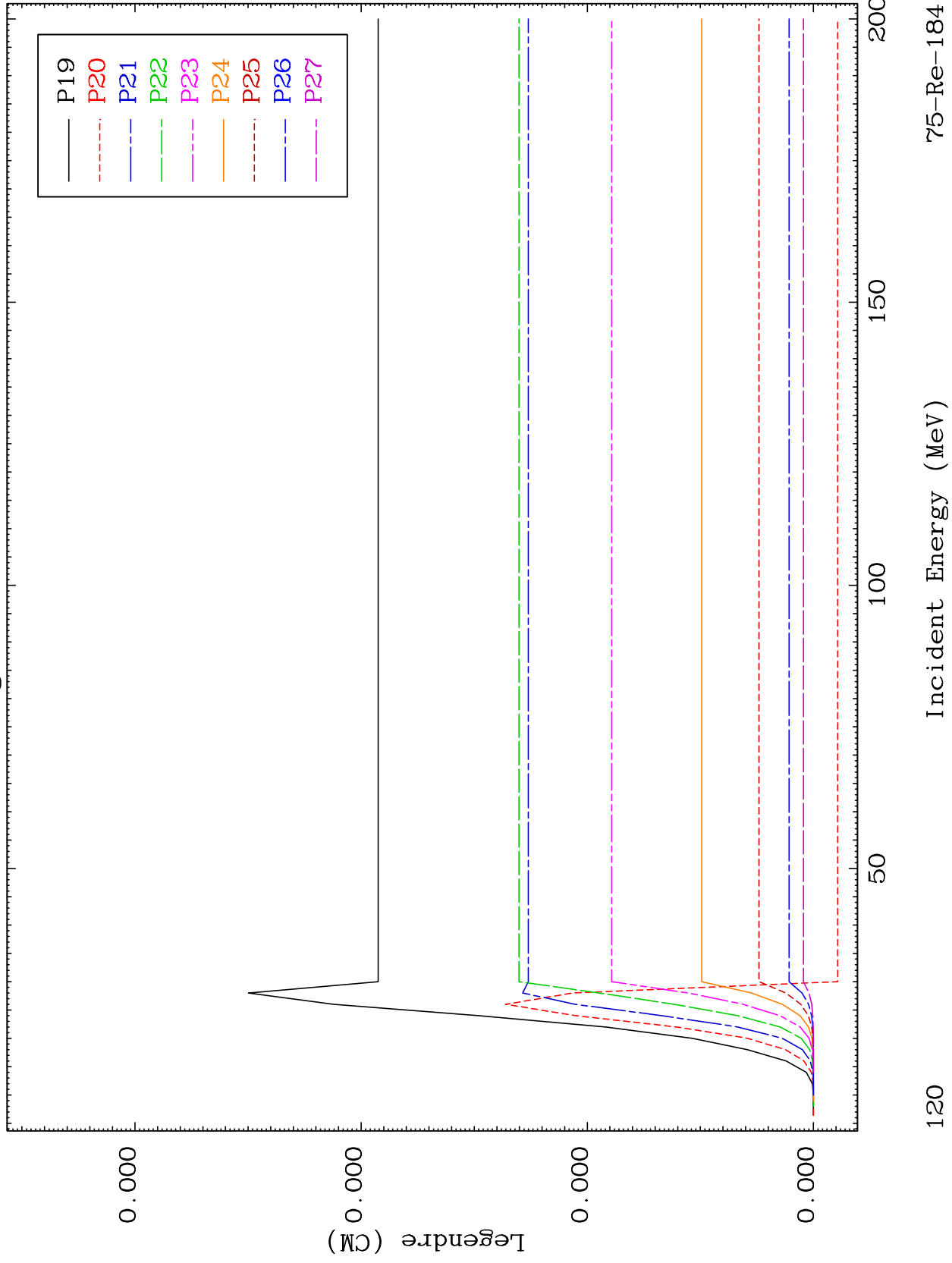
Incident Energy (MeV)

75-Re-184

MAT 7522

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

75-Re-184



120

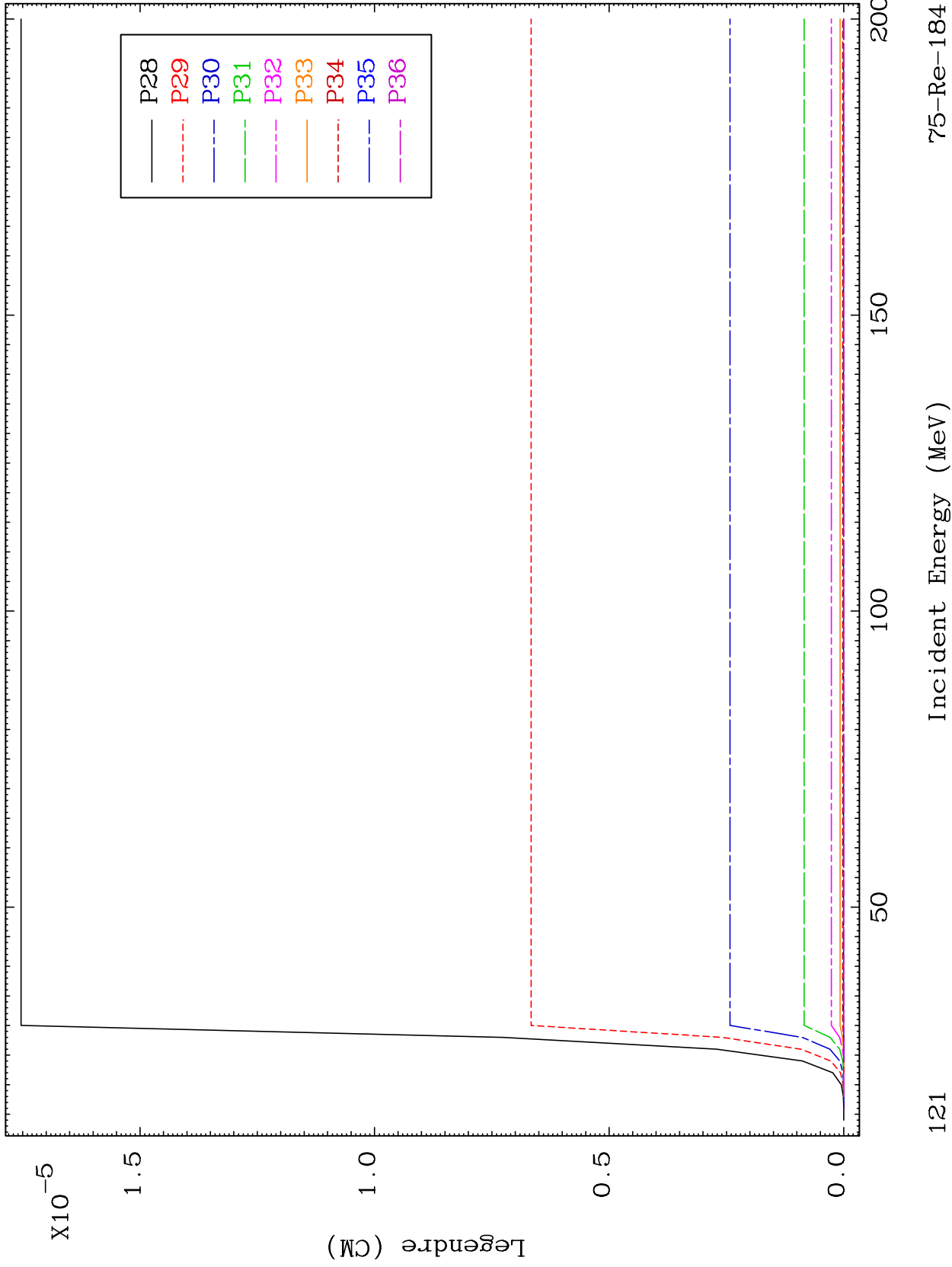
Incident Energy (MeV)

75-Re-184

MAT 7522

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

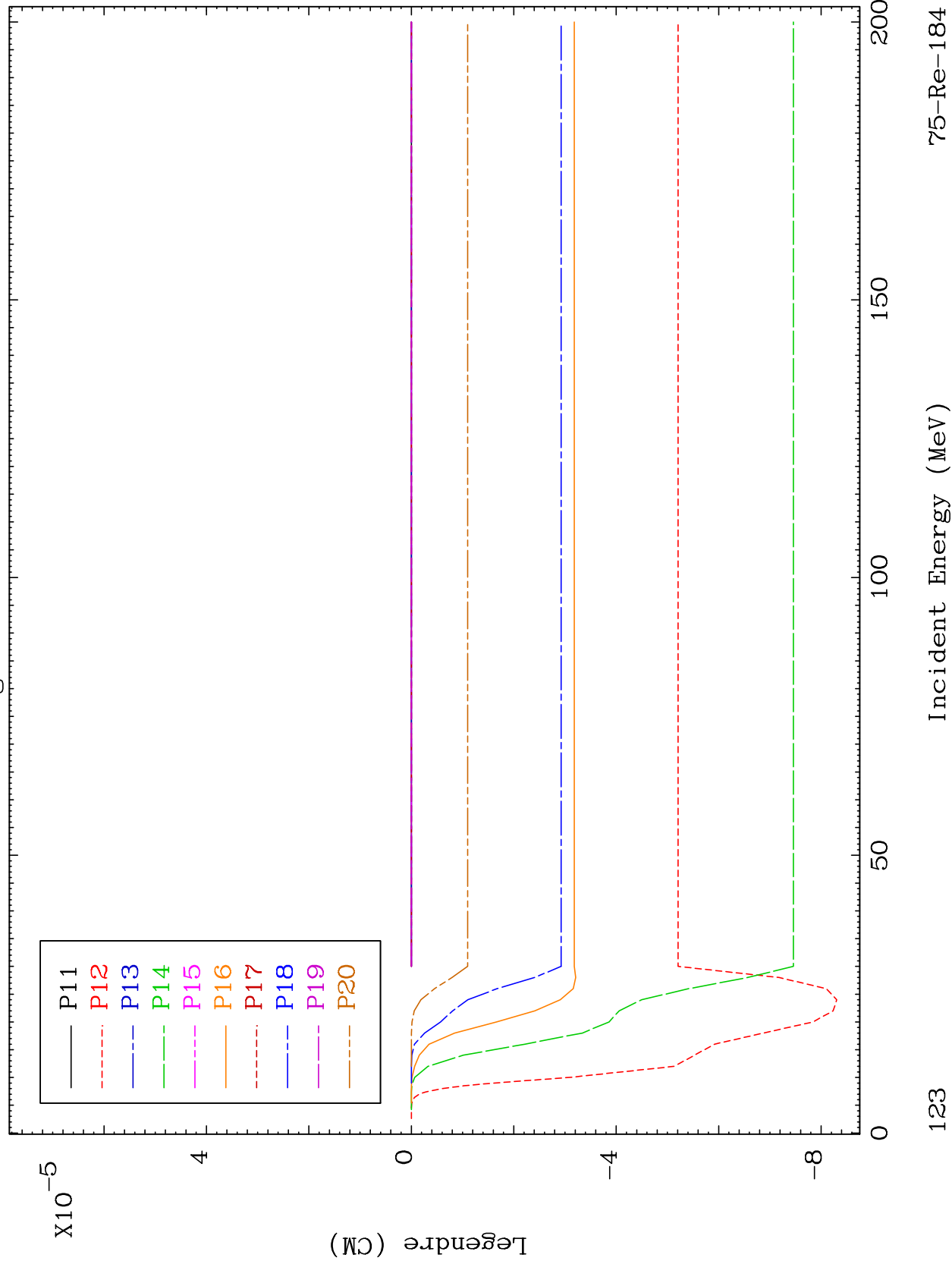
75-Re-184



MAT 7522

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

75-Re-184



123

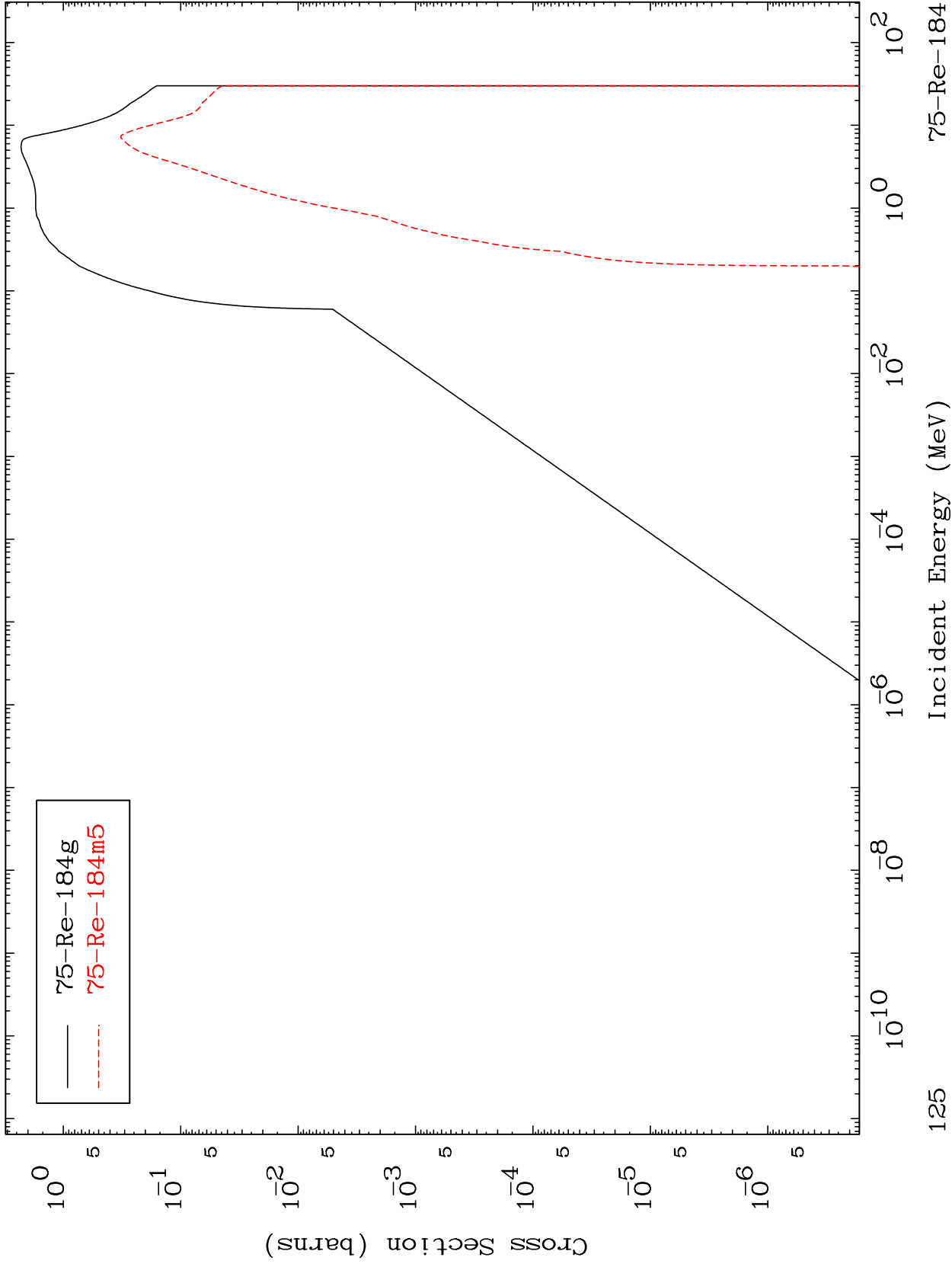
Incident Energy (MeV)

75-Re-184

MAT 7522

Radionuclide Production Cross Section

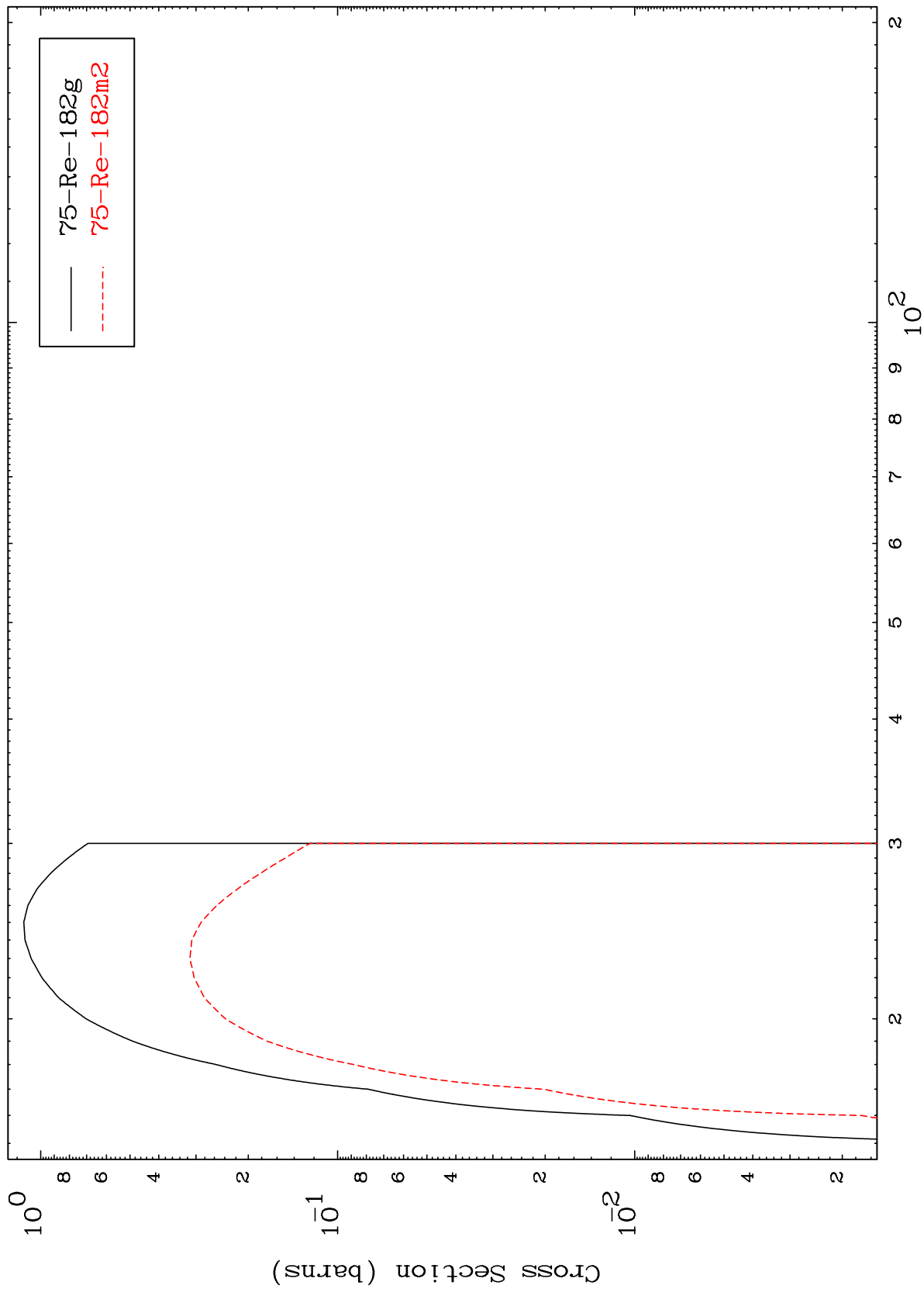
⁷⁵Re-¹⁸⁴



MAT 7522

75-Re-184

(n,3n)
Radionuclide Production Cross Section



126

75-Re-184

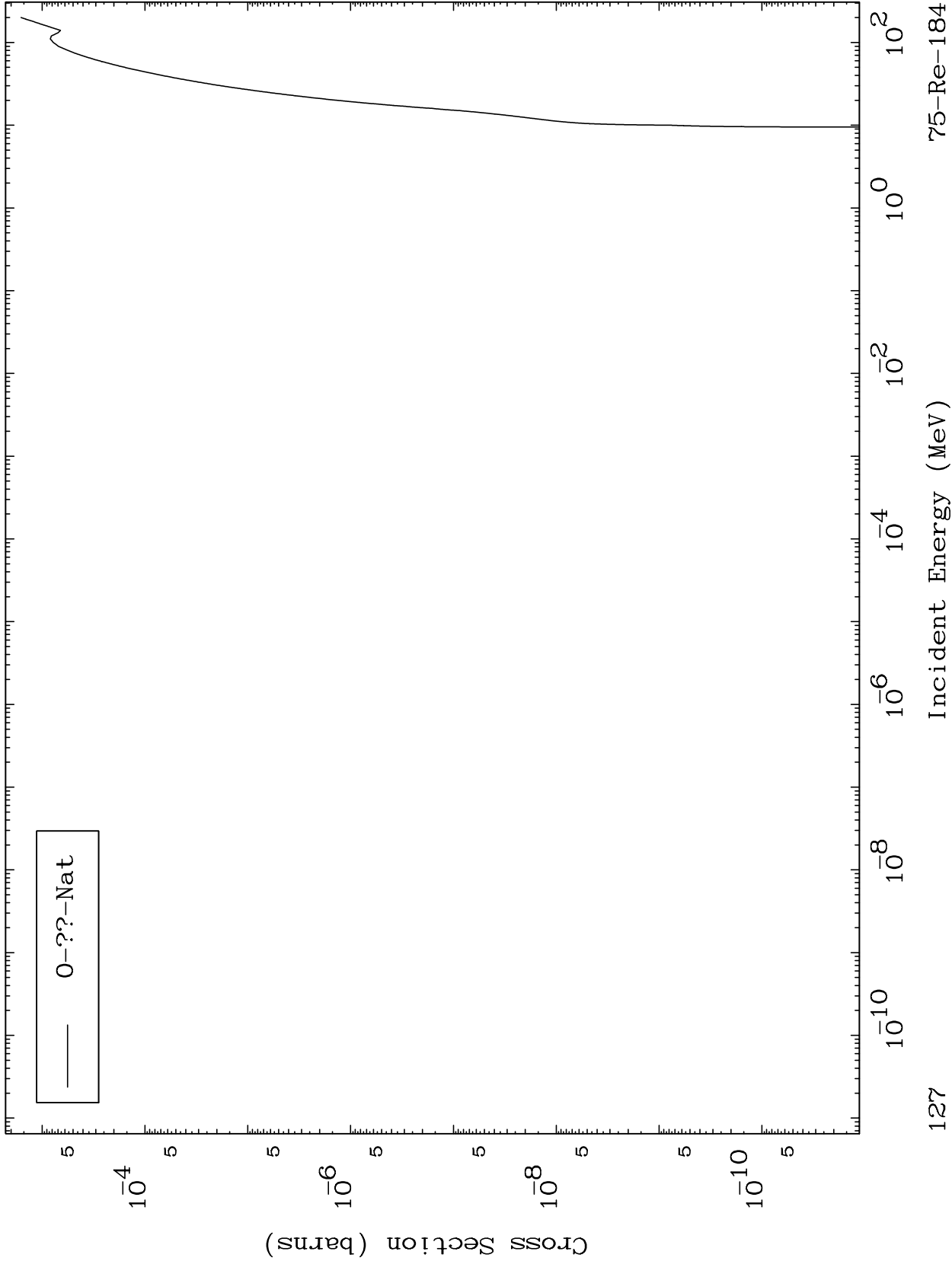
Incident Energy (MeV)

MAT 7522

Fission

⁷⁵Re-184

Radionuclide Production Cross Section

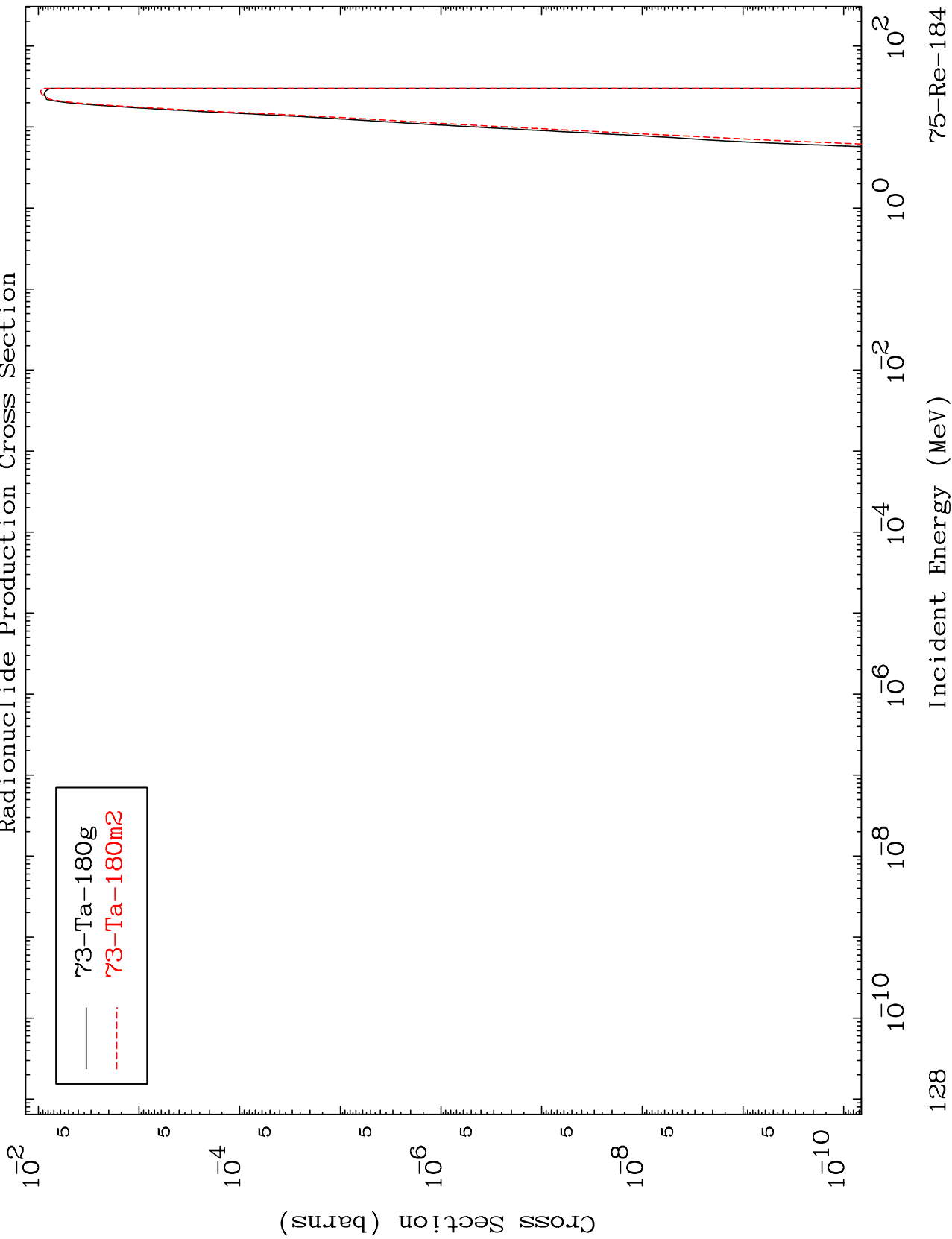


MAT 7522

$(n, n') \alpha$

⁷⁵Re-184

Radionuclide Production Cross Section

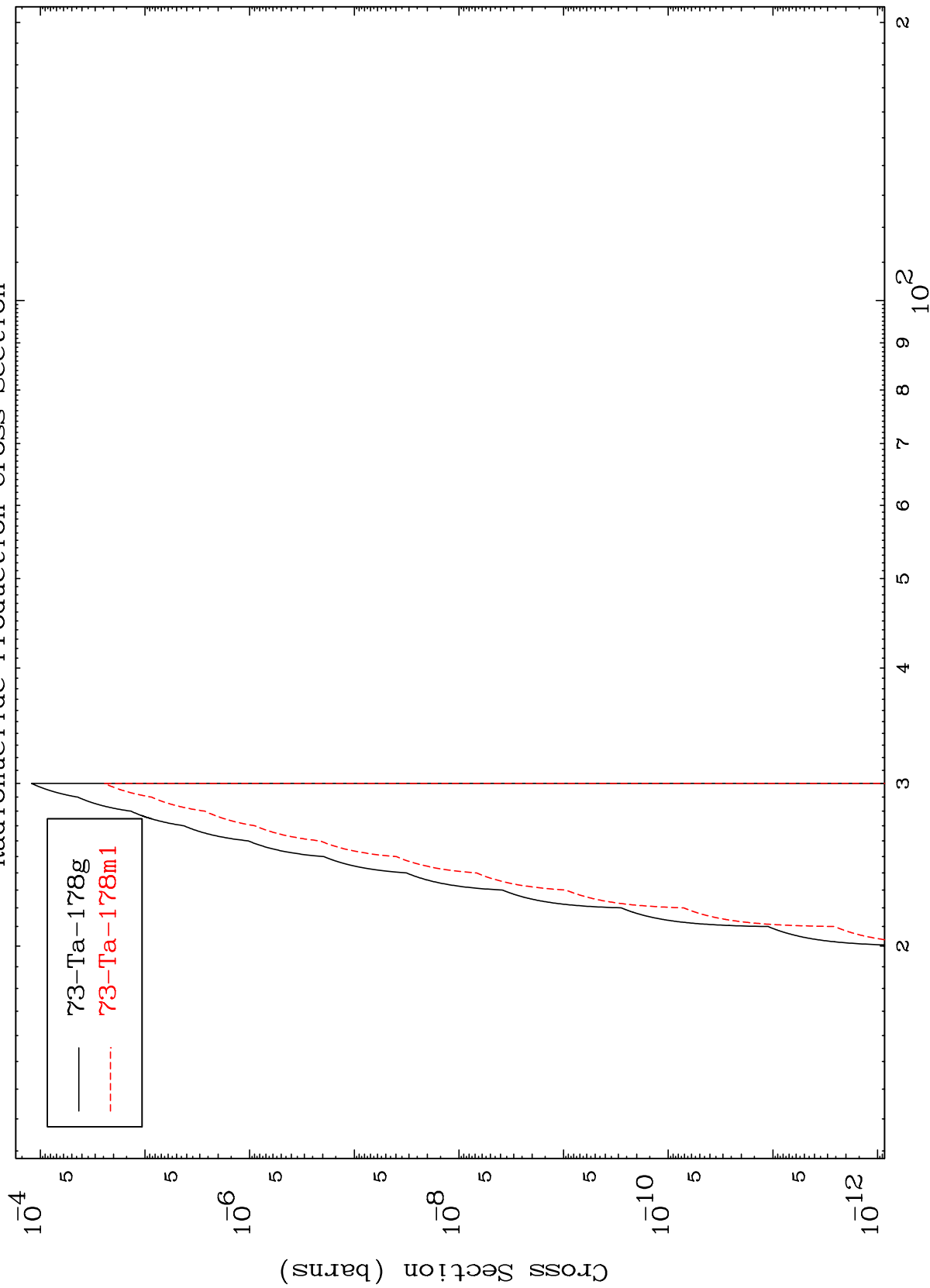


MAT 7522

75-Re-184

(n,3n) α

Radionuclide Production Cross Section



Incident Energy (MeV)

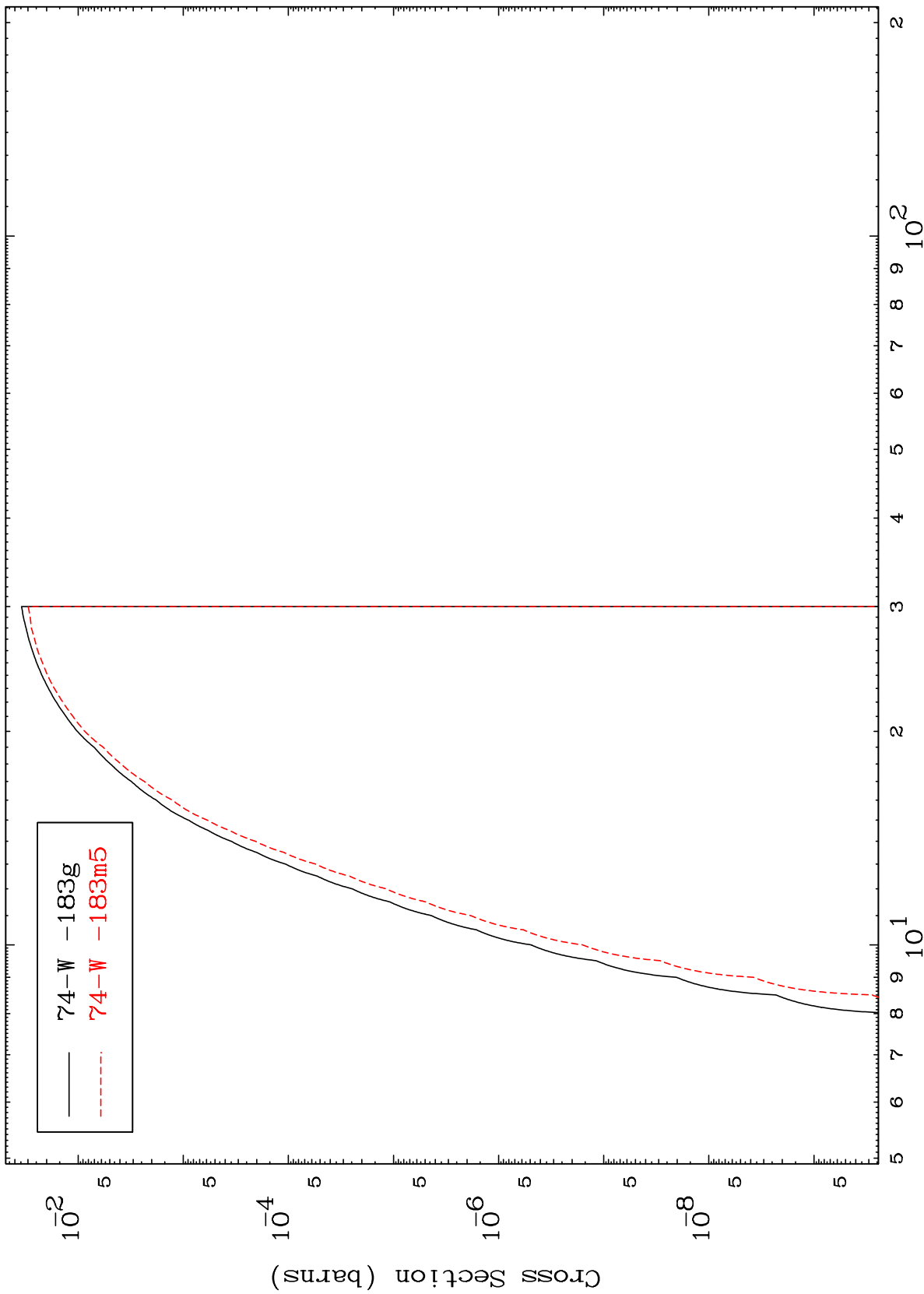
75-Re-184

129

MAT 7522

75-Re-184

(n,n') p
Radionuclide Production Cross Section



75-Re-184

Incident Energy (MeV)

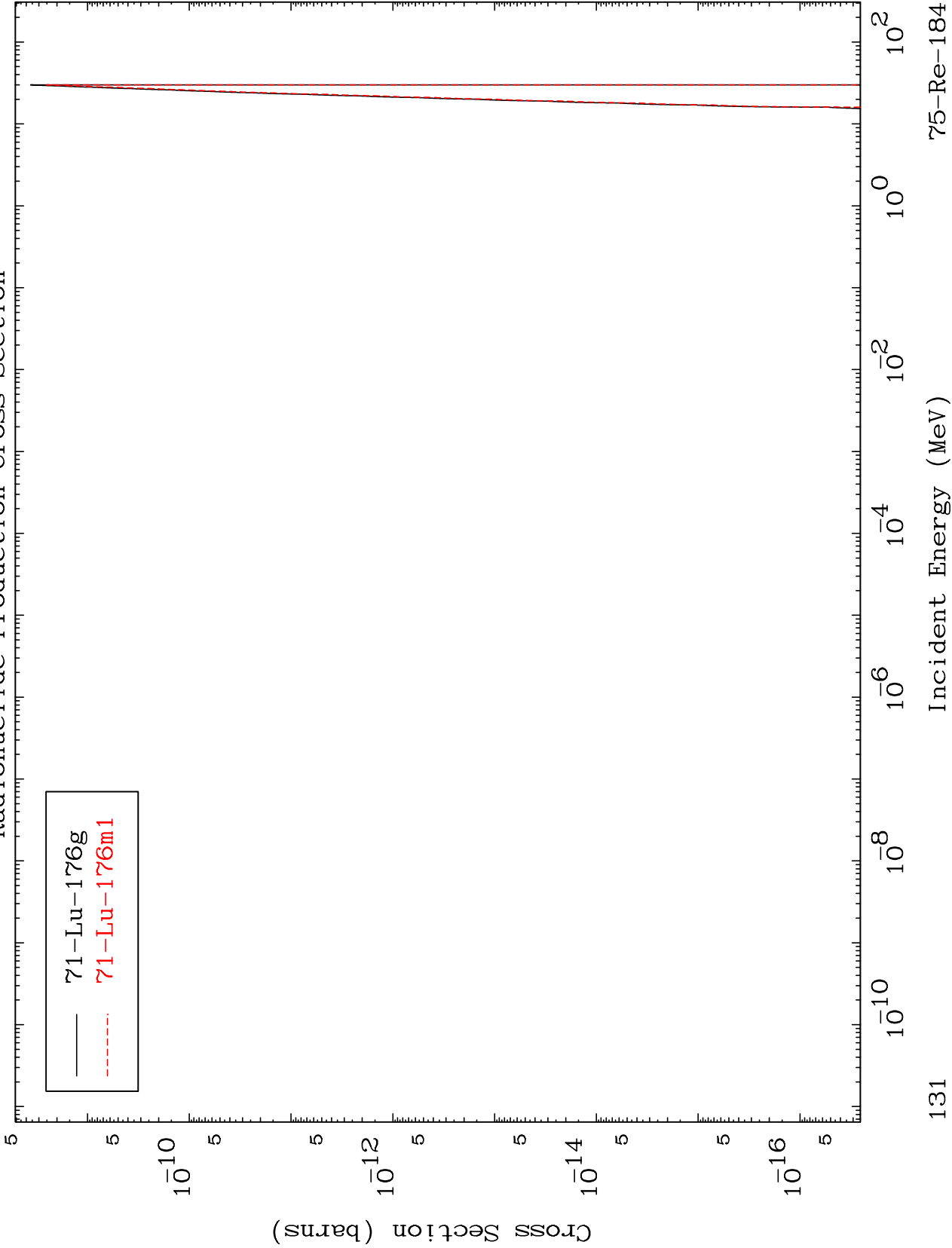
130

MAT 7522

(n,n') 2α

75-Re-184

Radionuclide Production Cross Section

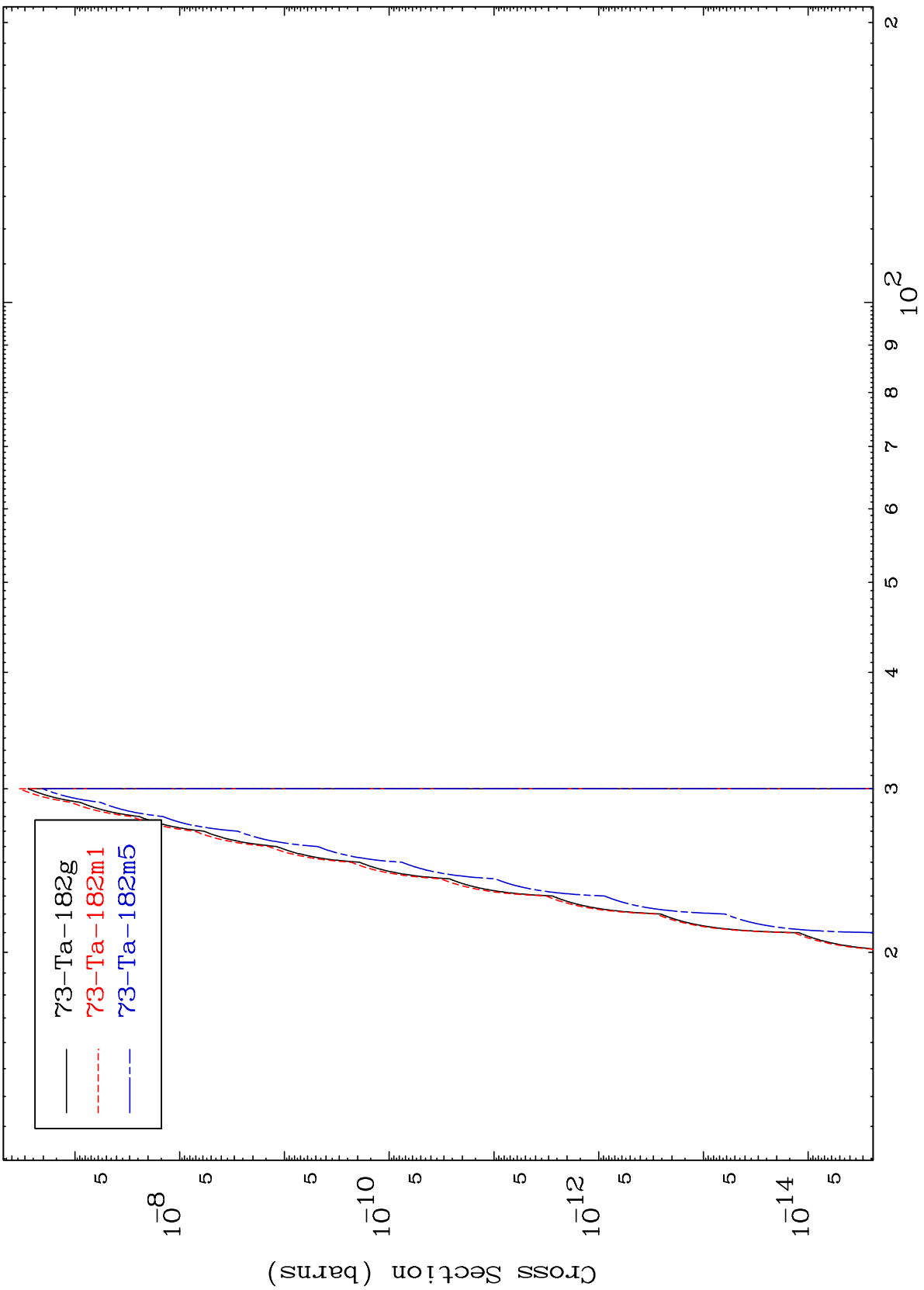


131

Incident Energy (MeV)

75-Re-184

Radionuclide Production Cross Section

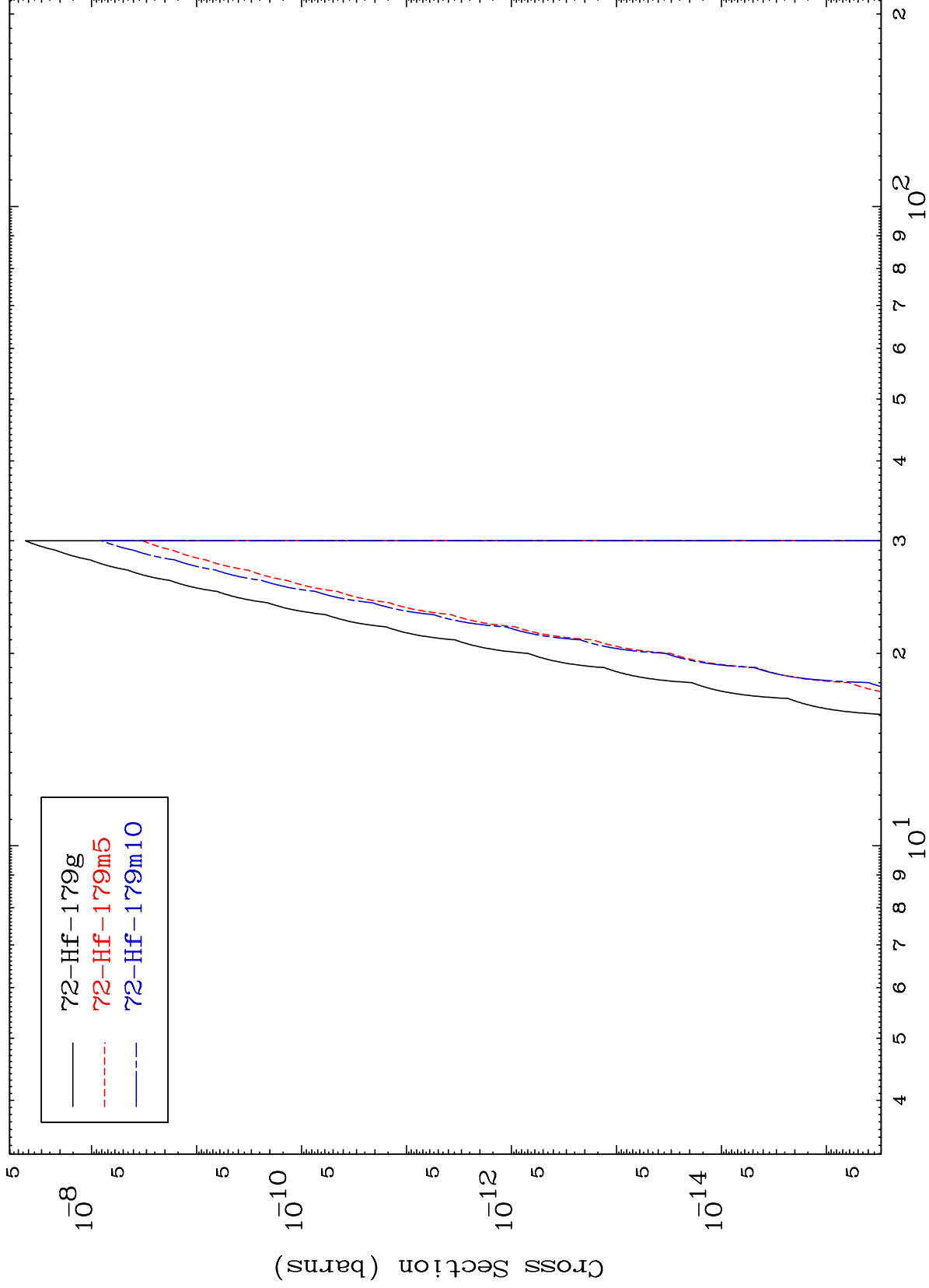


MAT 7522

(n,n') p α

75-Re-184

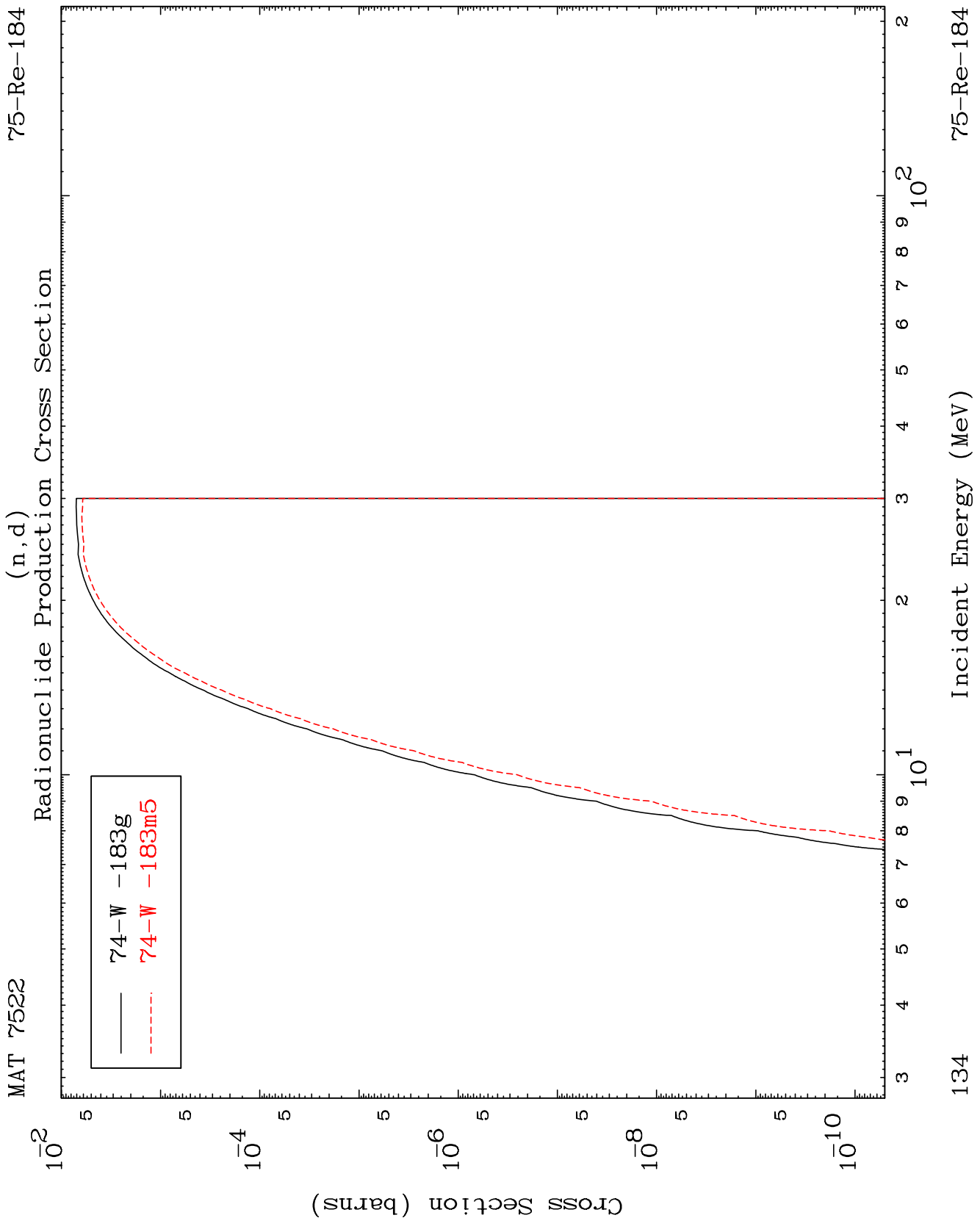
Radionuclide Production Cross Section



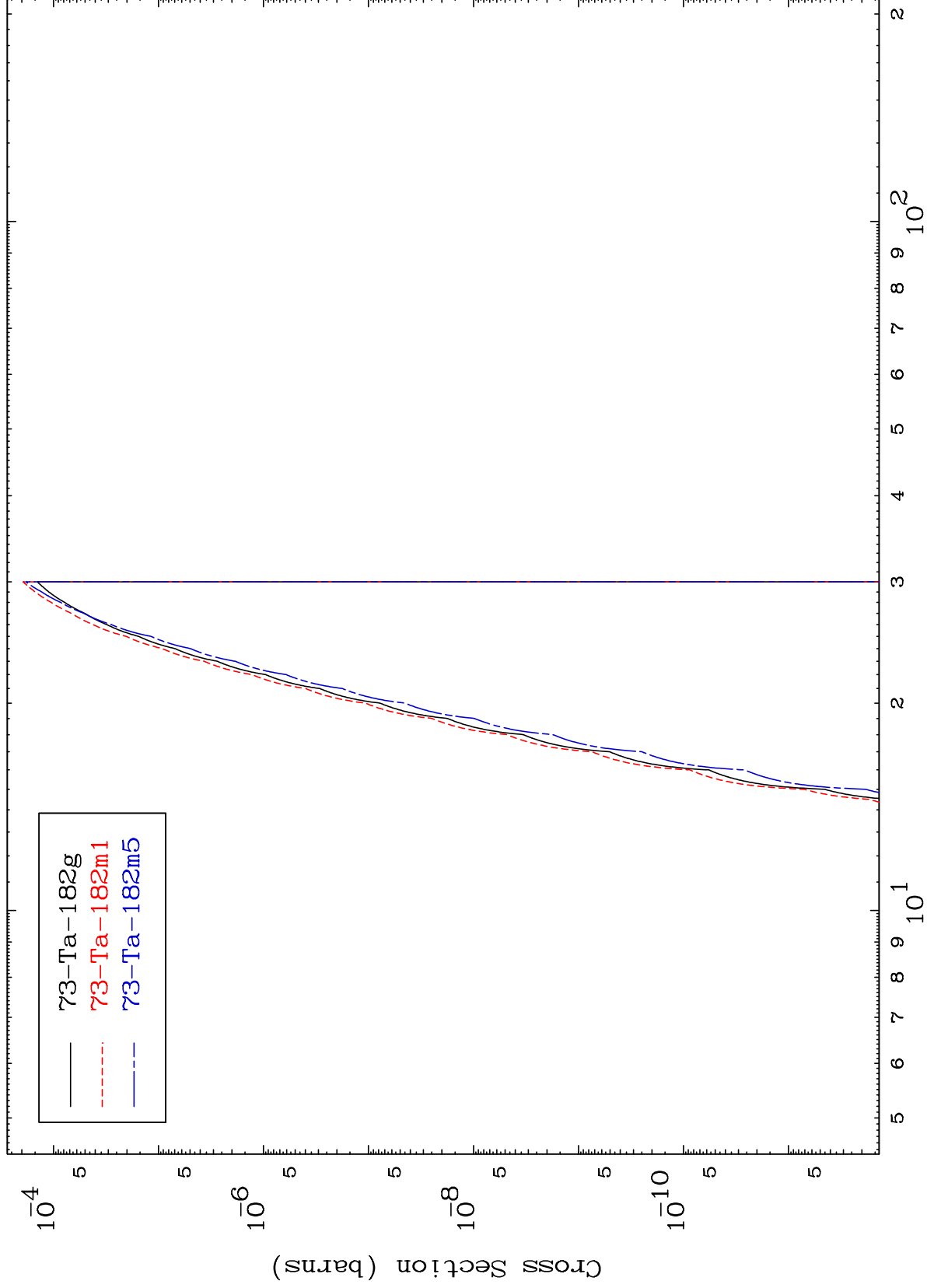
133

Incident Energy (MeV)

75-Re-184



Radionuclide Production Cross Section

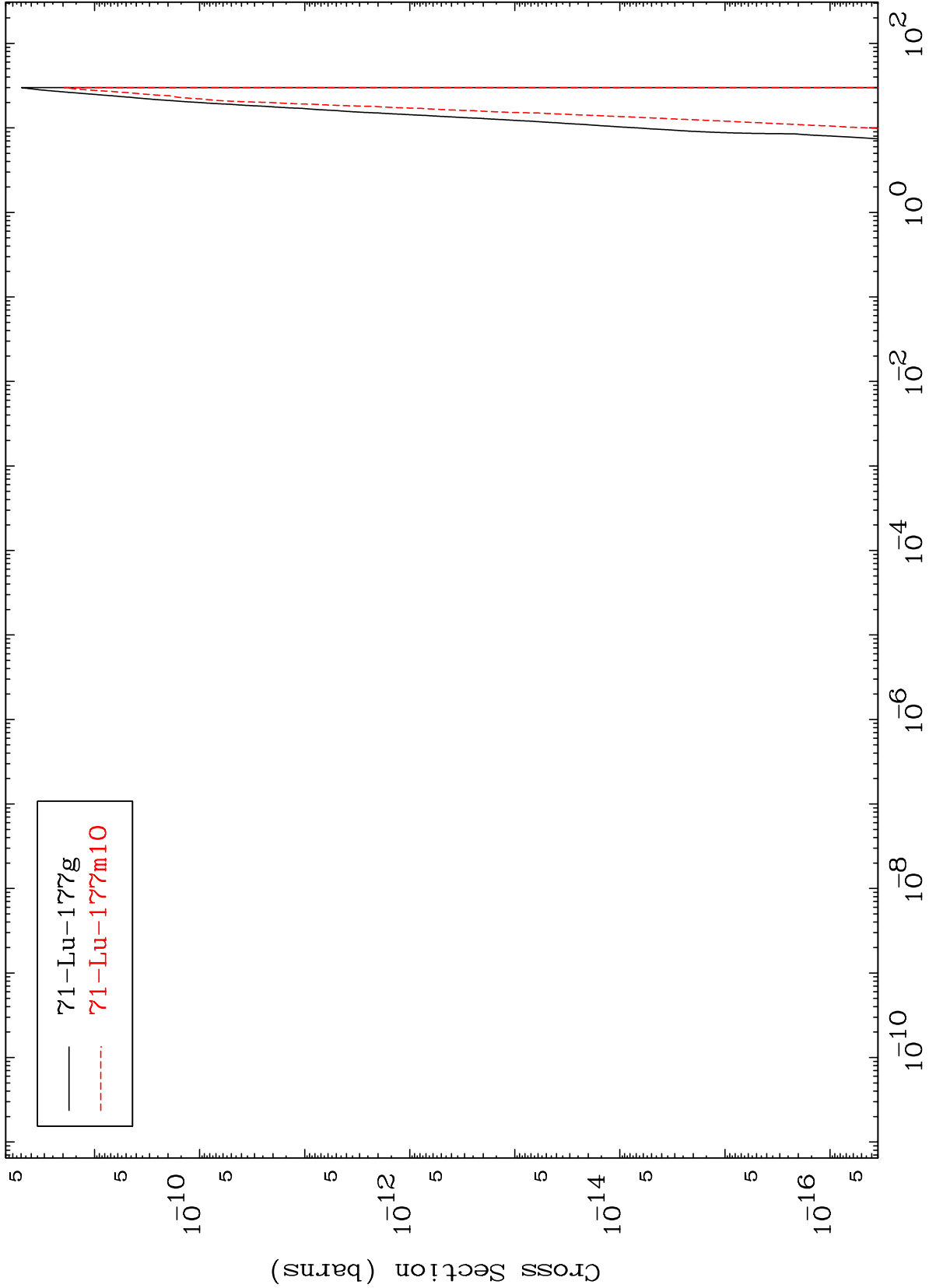


MAT 7522

(n,2α)

75-Re-184

Radionuclide Production Cross Section



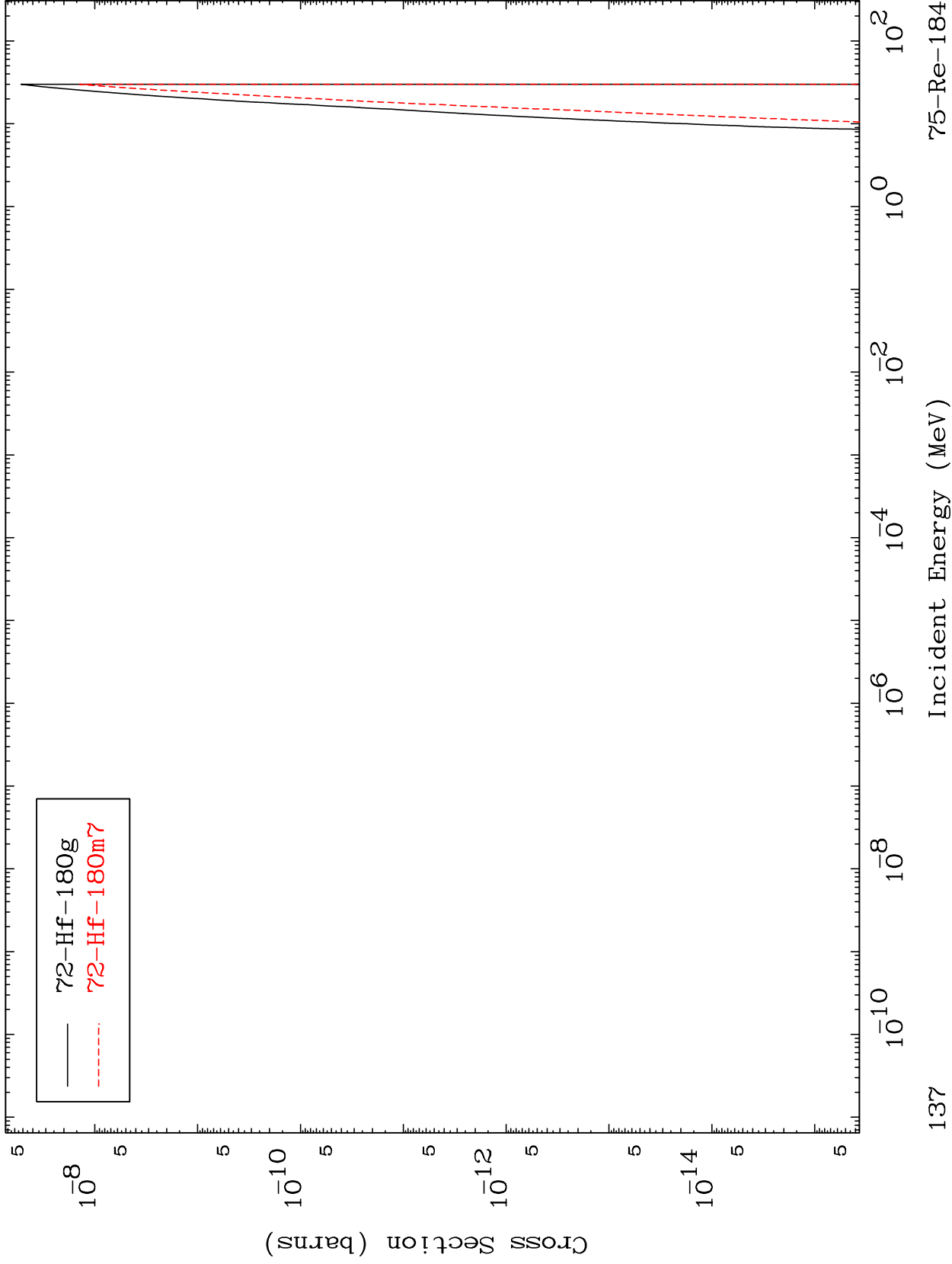
71-Lu-177g
71-Lu-177m10

MAT 7522

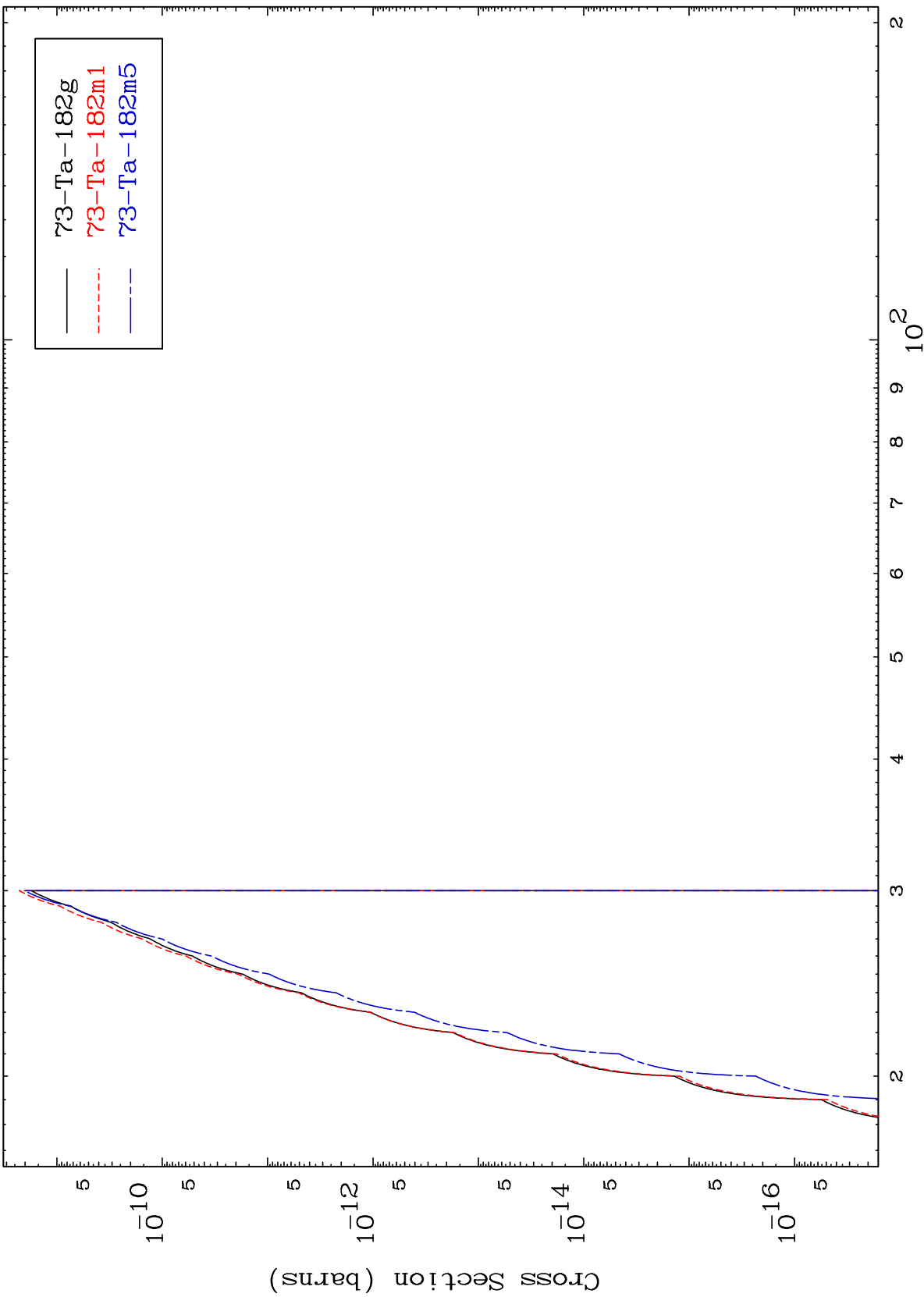
(n,p) α

⁷⁵Re-184

Radionuclide Production Cross Section



Radionuclide Production Cross Section

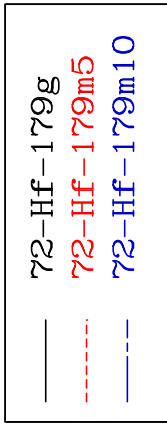
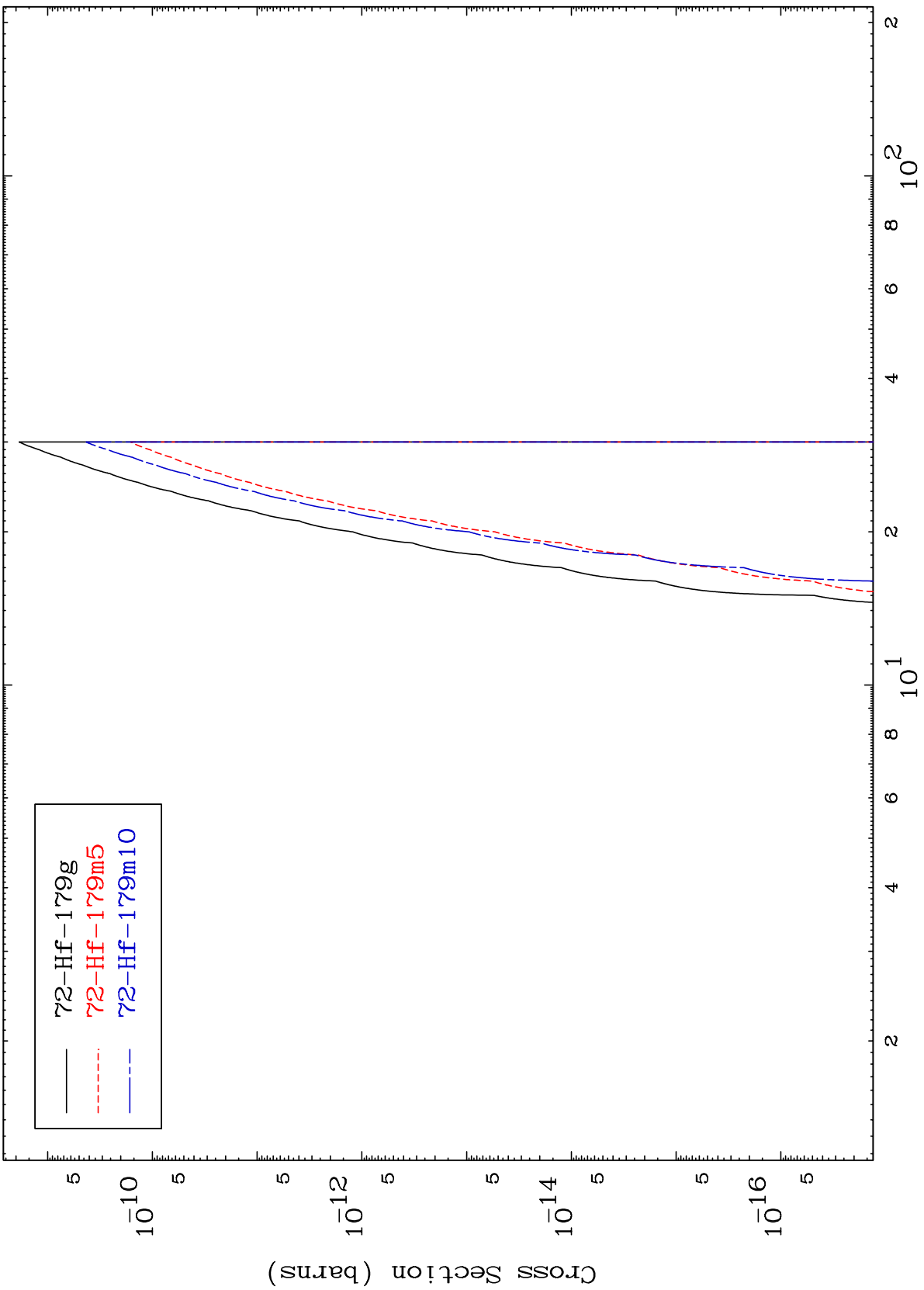


MAT 7522

(n,d) α

⁷⁵Re-¹⁸⁴

Radionuclide Production Cross Section



139

Incident Energy (MeV)

⁷⁵Re-¹⁸⁴