

Program EVALPLOT
(Version 2018-1)

by

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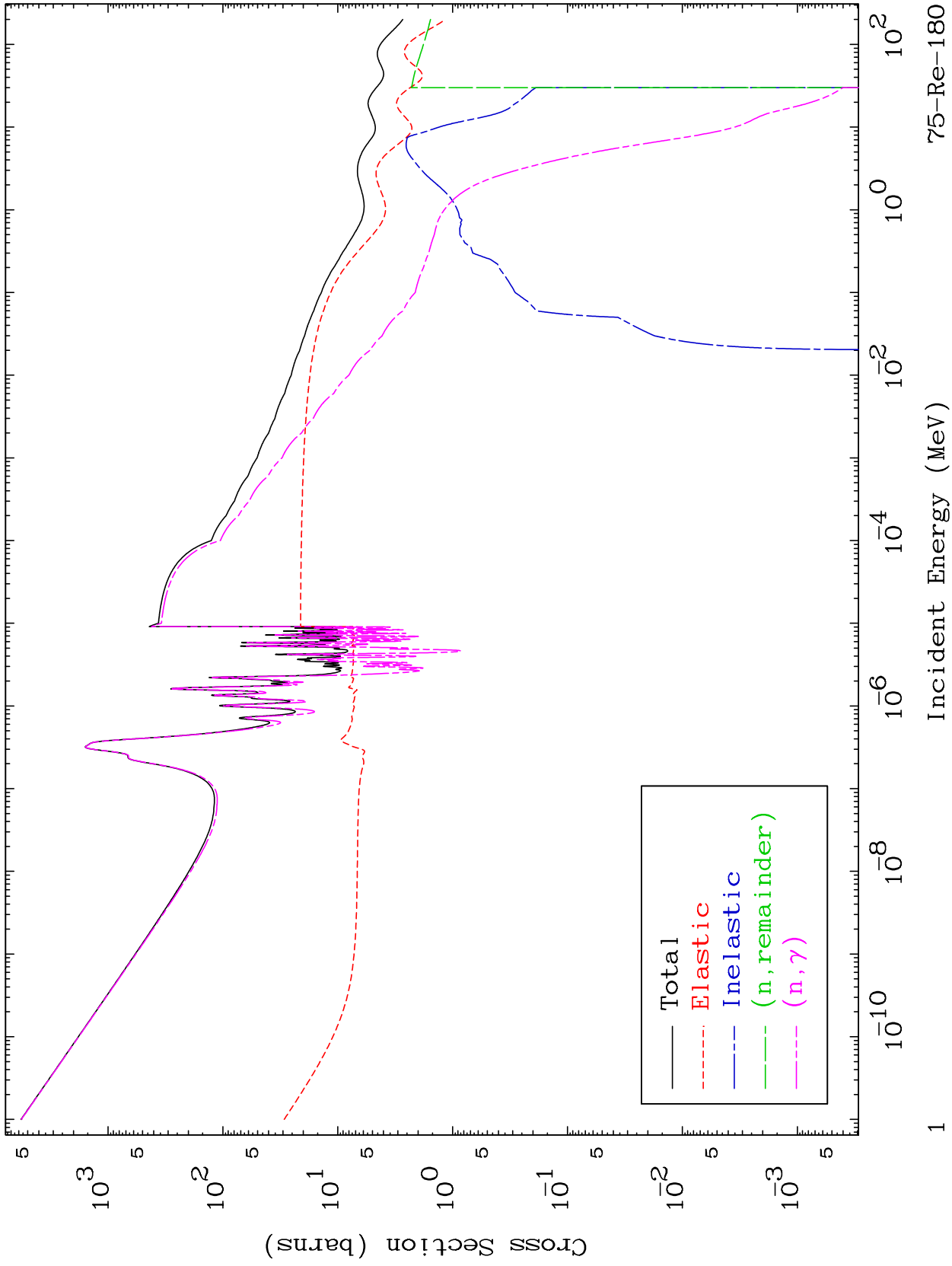
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7510

Major
293 Kelvin Cross Sections

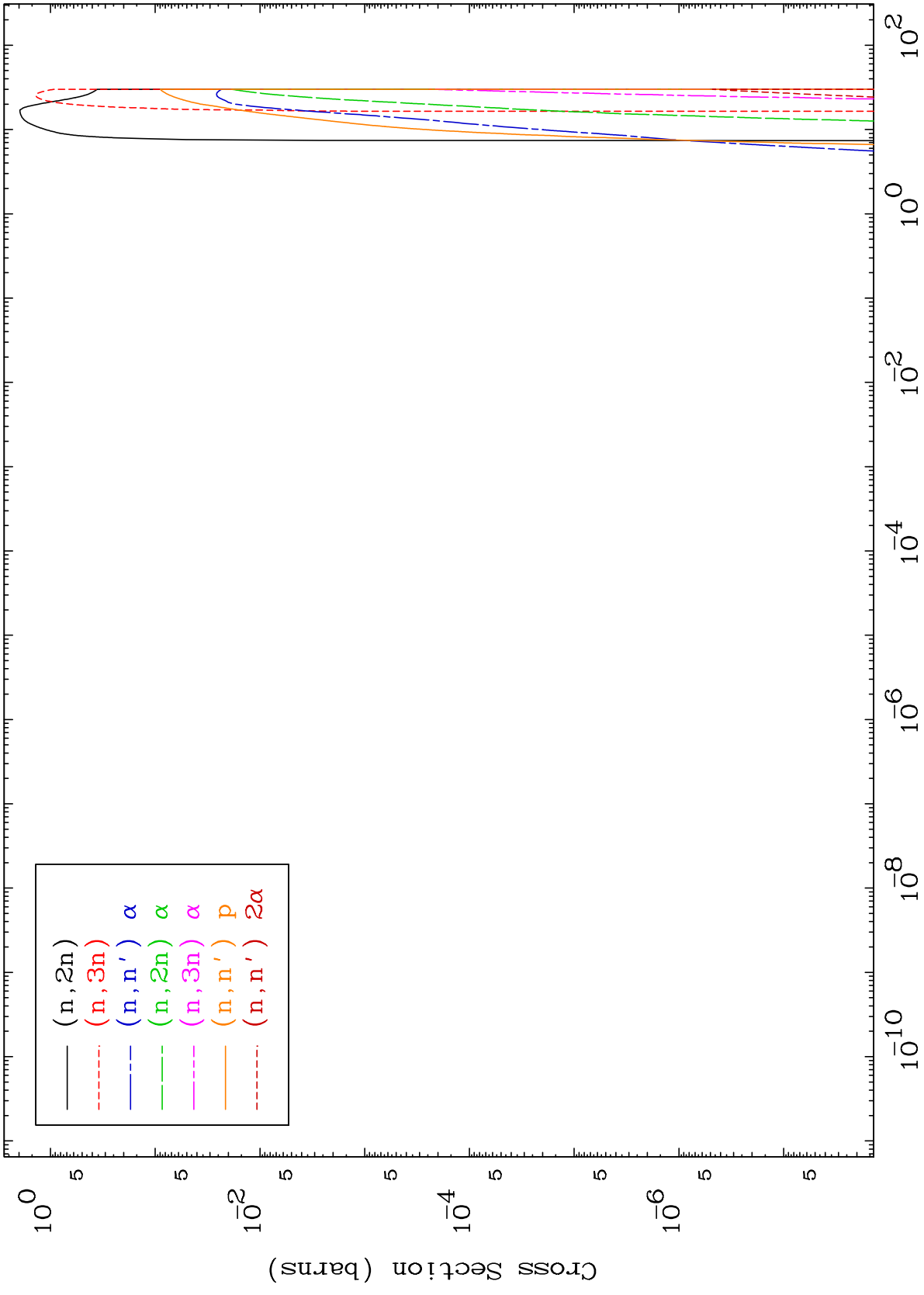
75-Re-180



MAT 7510

Neutron Production
293 Kelvin Cross Sections

75-Re-180

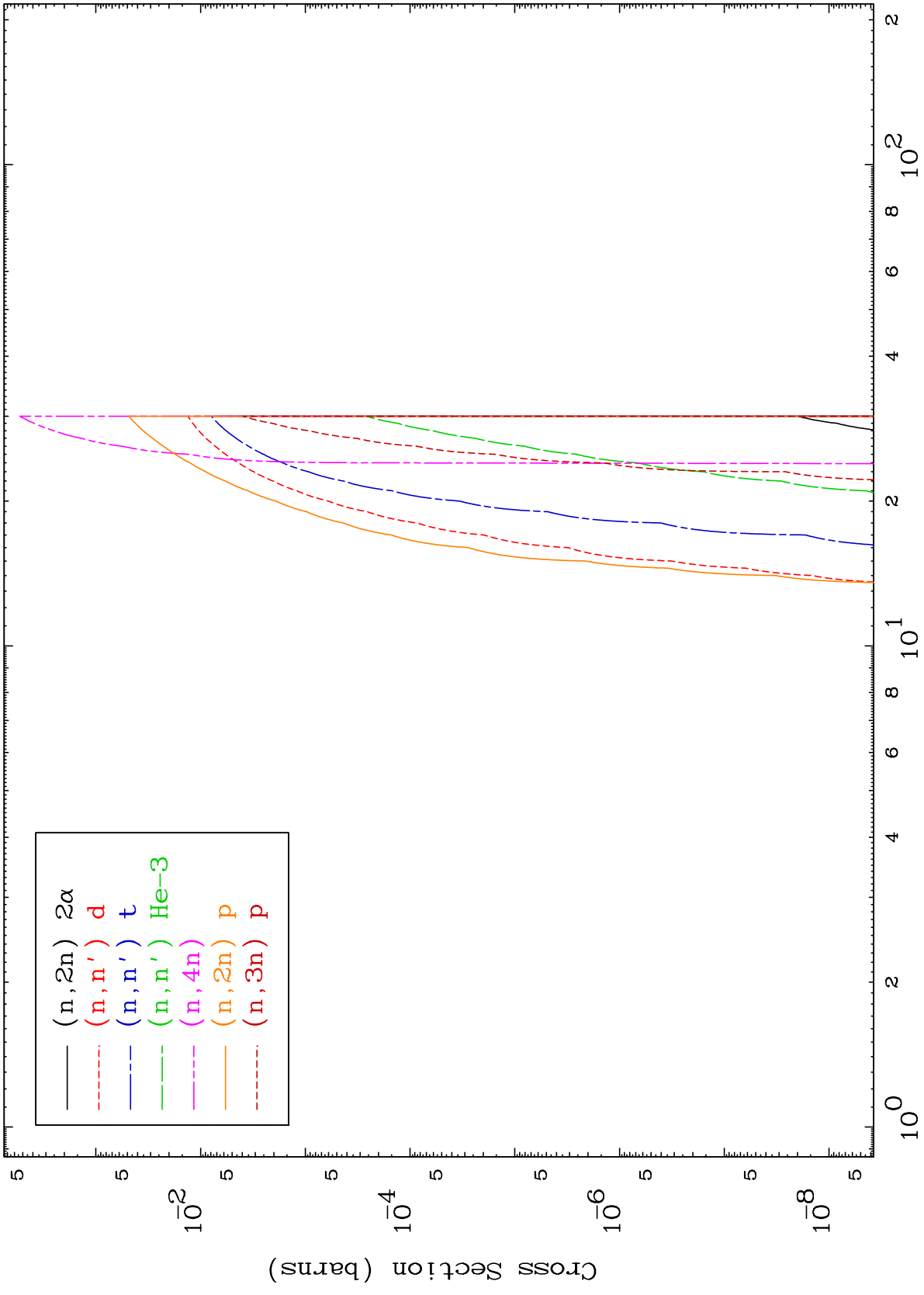


75-Re-180

MAT 7510

Neutron Production
293 Kelvin Cross Sections

75-Re-180



3

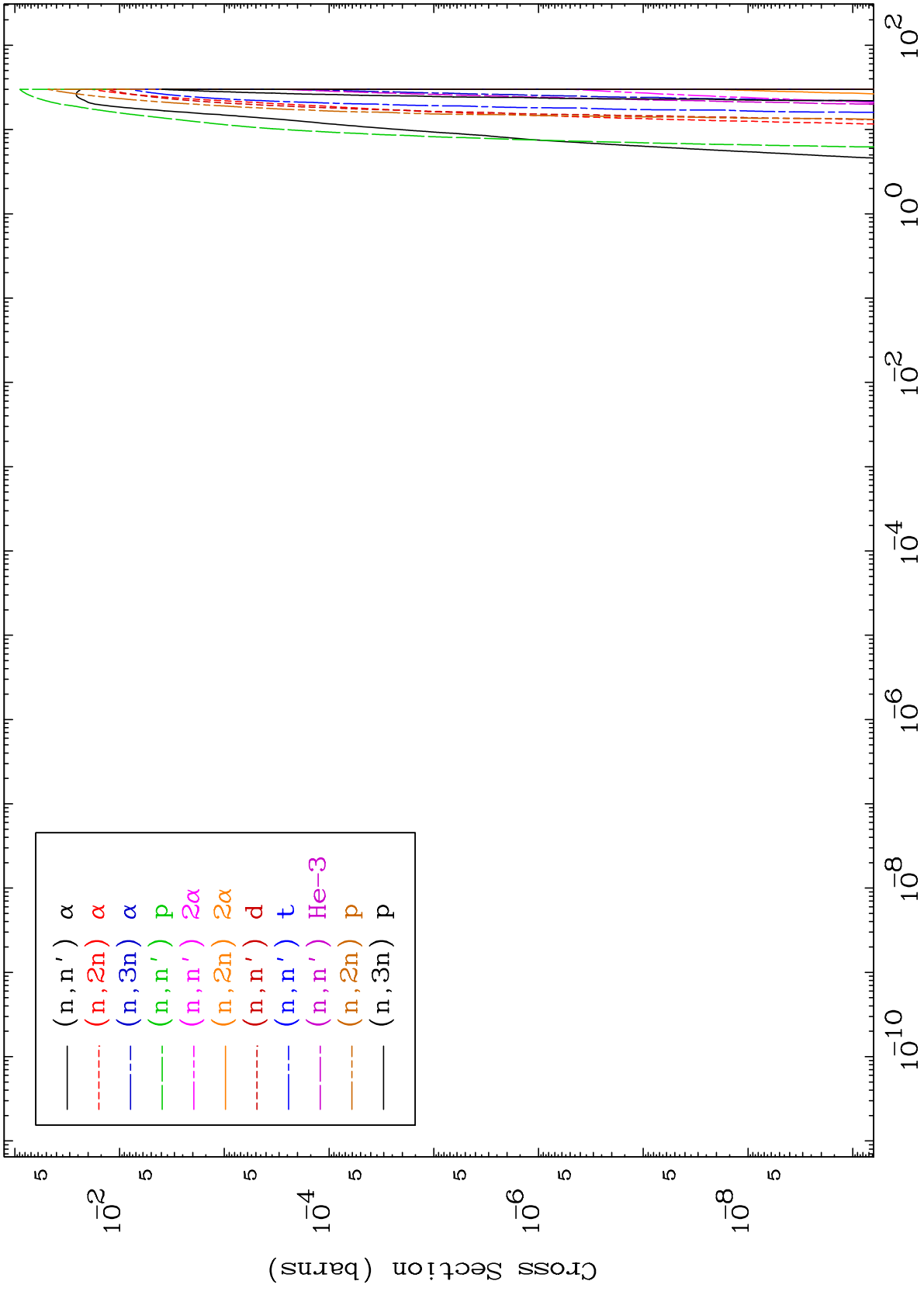
Incident Energy (MeV)

75-Re-180

MAT 7510

293 Kelvin Cross Sections

75-Re-180

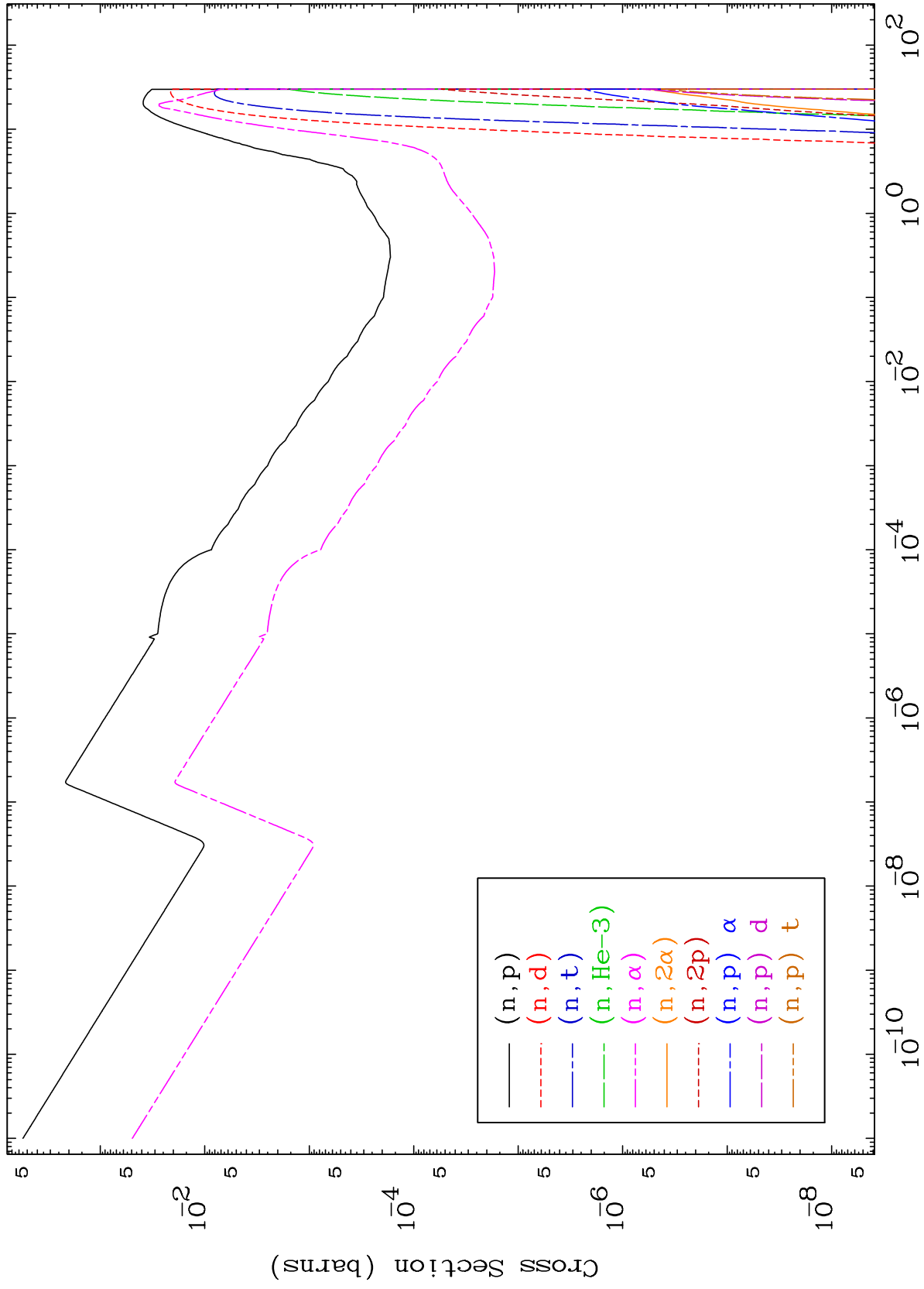


75-Re-180

MAT 7510

293 Kelvin Cross Sections

75-Re-180

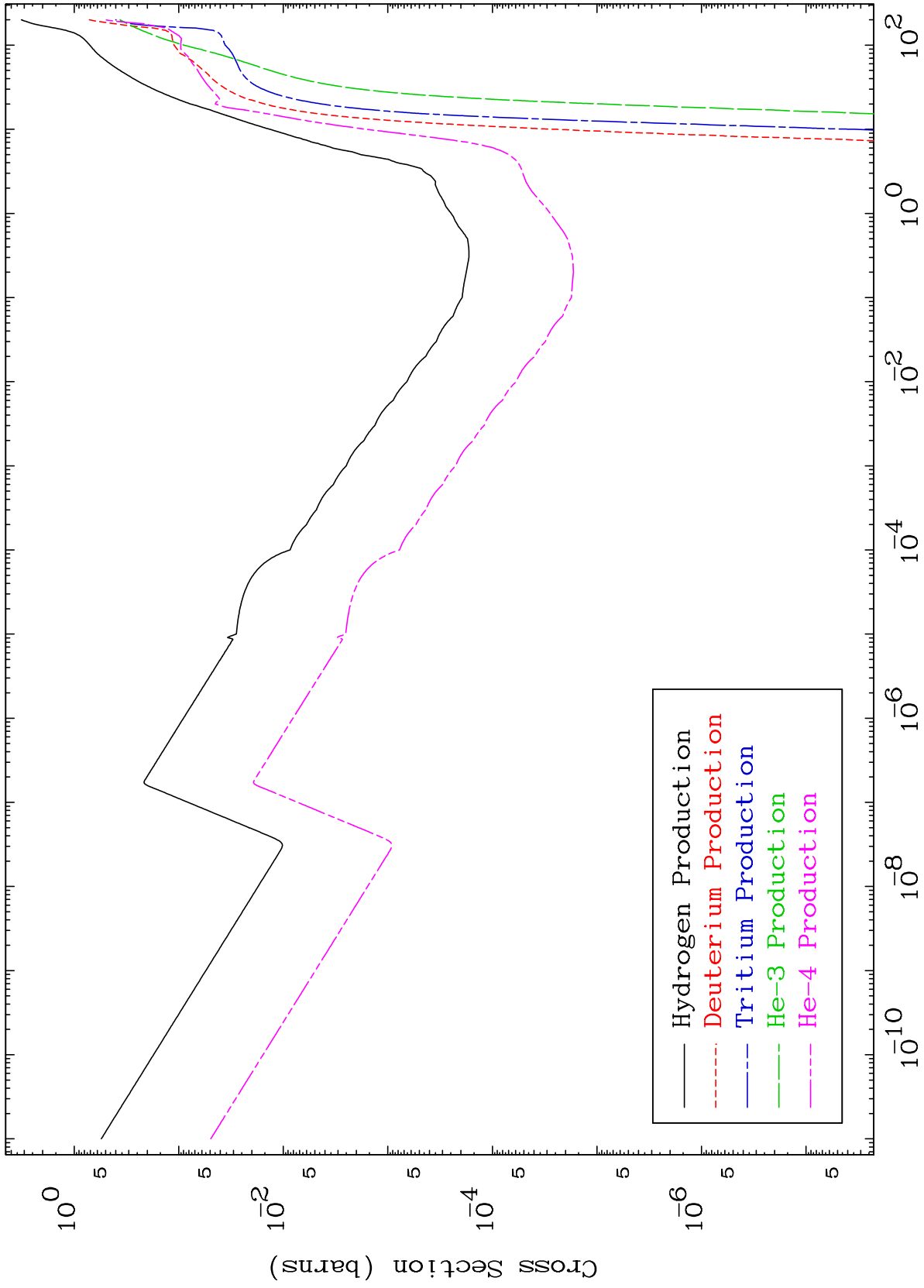


5

MAT 7510

Particle Production
293 Kelvin Cross Sections

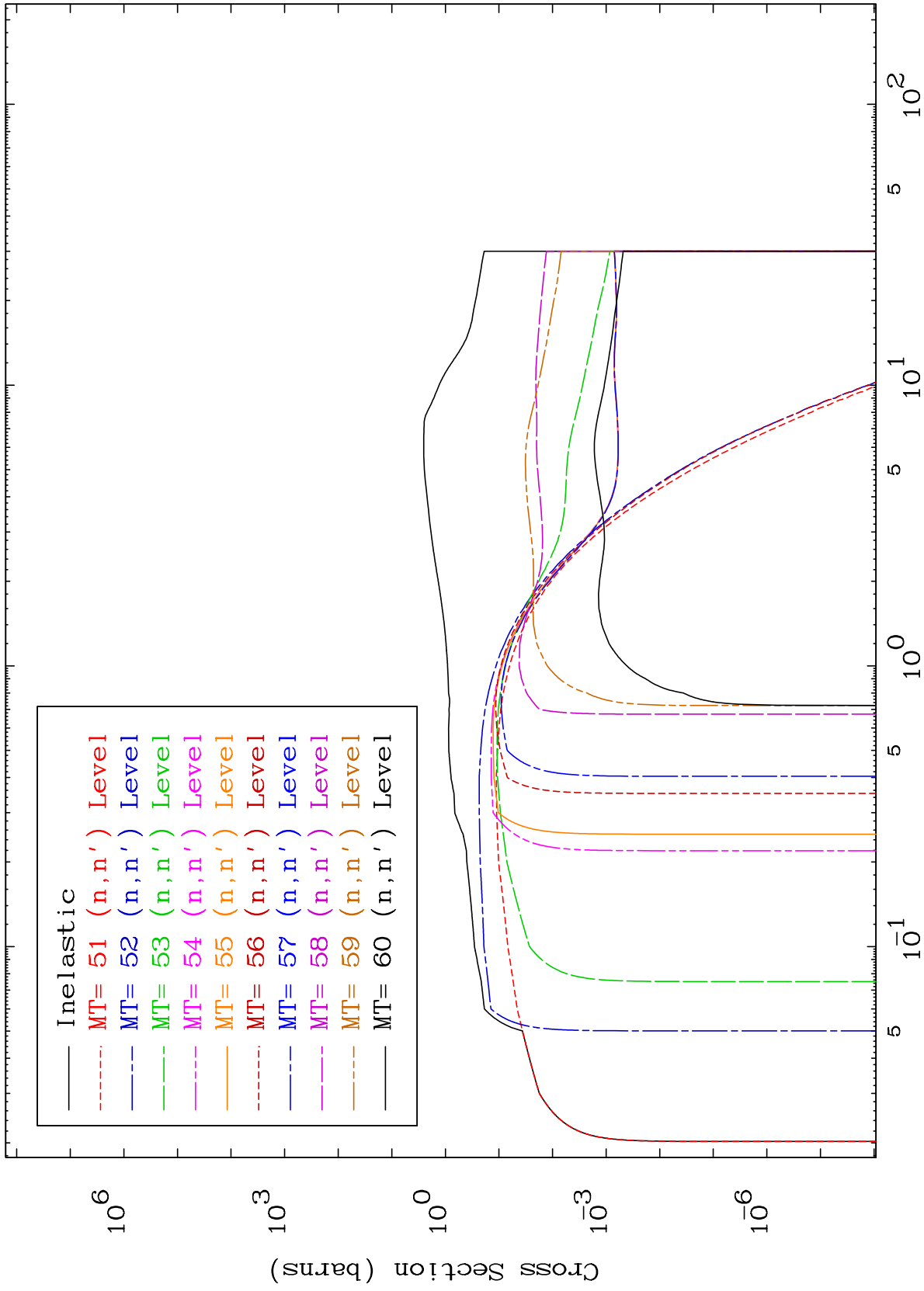
75-Re-180



MAT 7510

(n,n') Level
293 Kelvin Cross Sections

75-Re-180

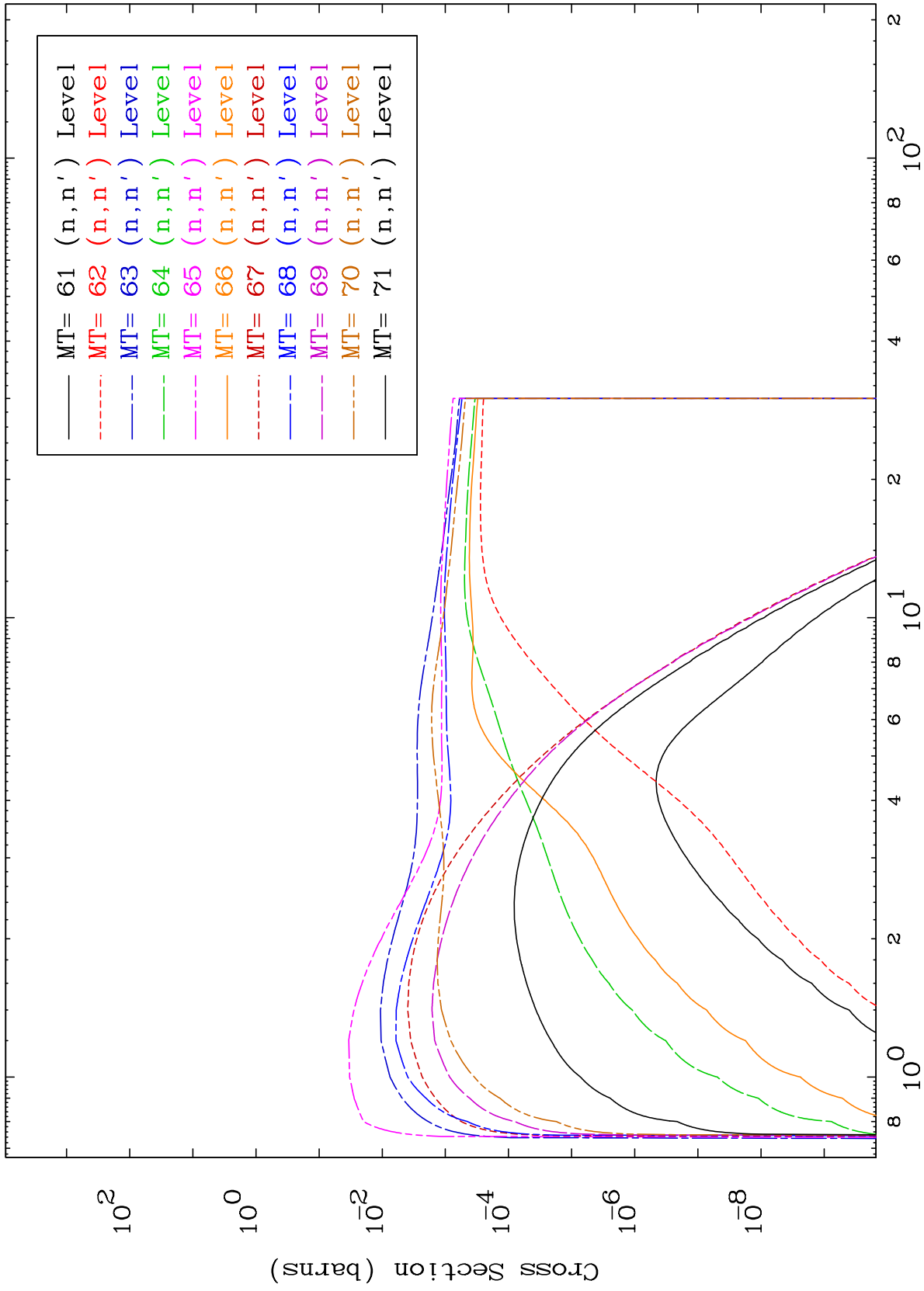


MAT 7510

(n,n') Level

293 Kelvin Cross Sections

75-Re-180



8

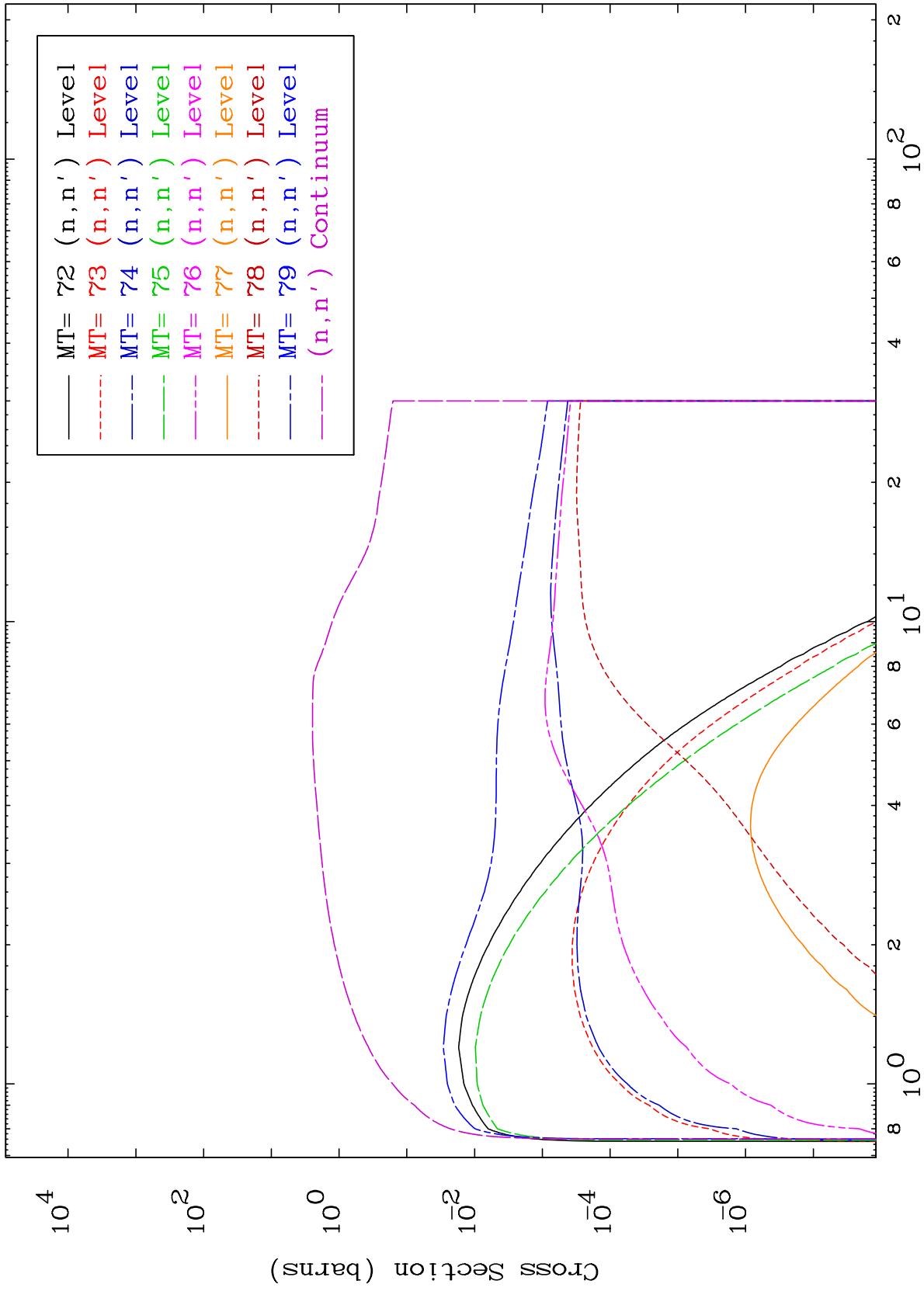
Incident Energy (MeV)

75-Re-180

MAT 7510

(n,n') Level
293 Kelvin Cross Sections

75-Re-180



9

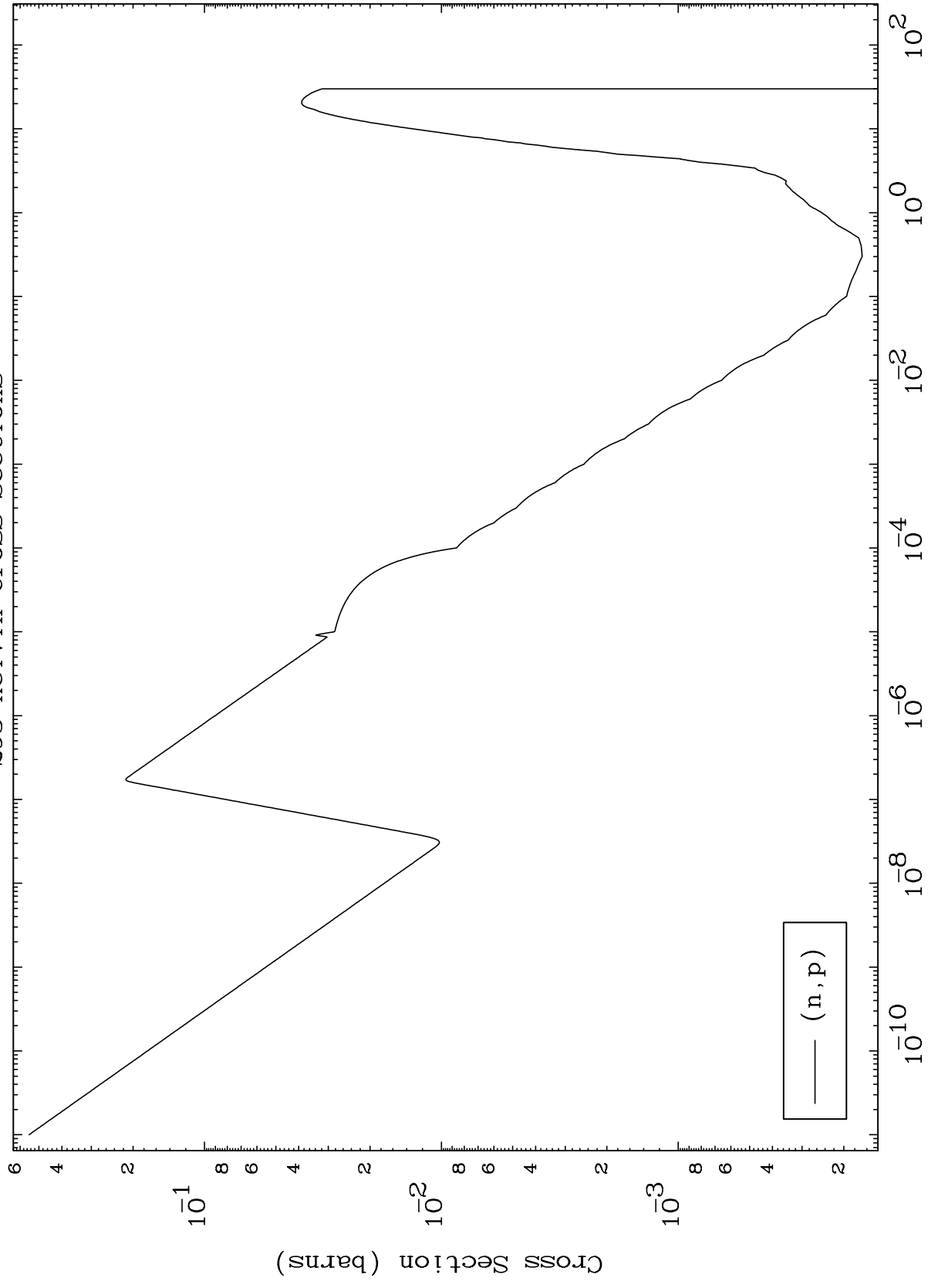
Incident Energy (MeV)

75-Re-180

MAT 7510

(n,p) Levels
293 Kelvin Cross Sections

75-Re-180



10

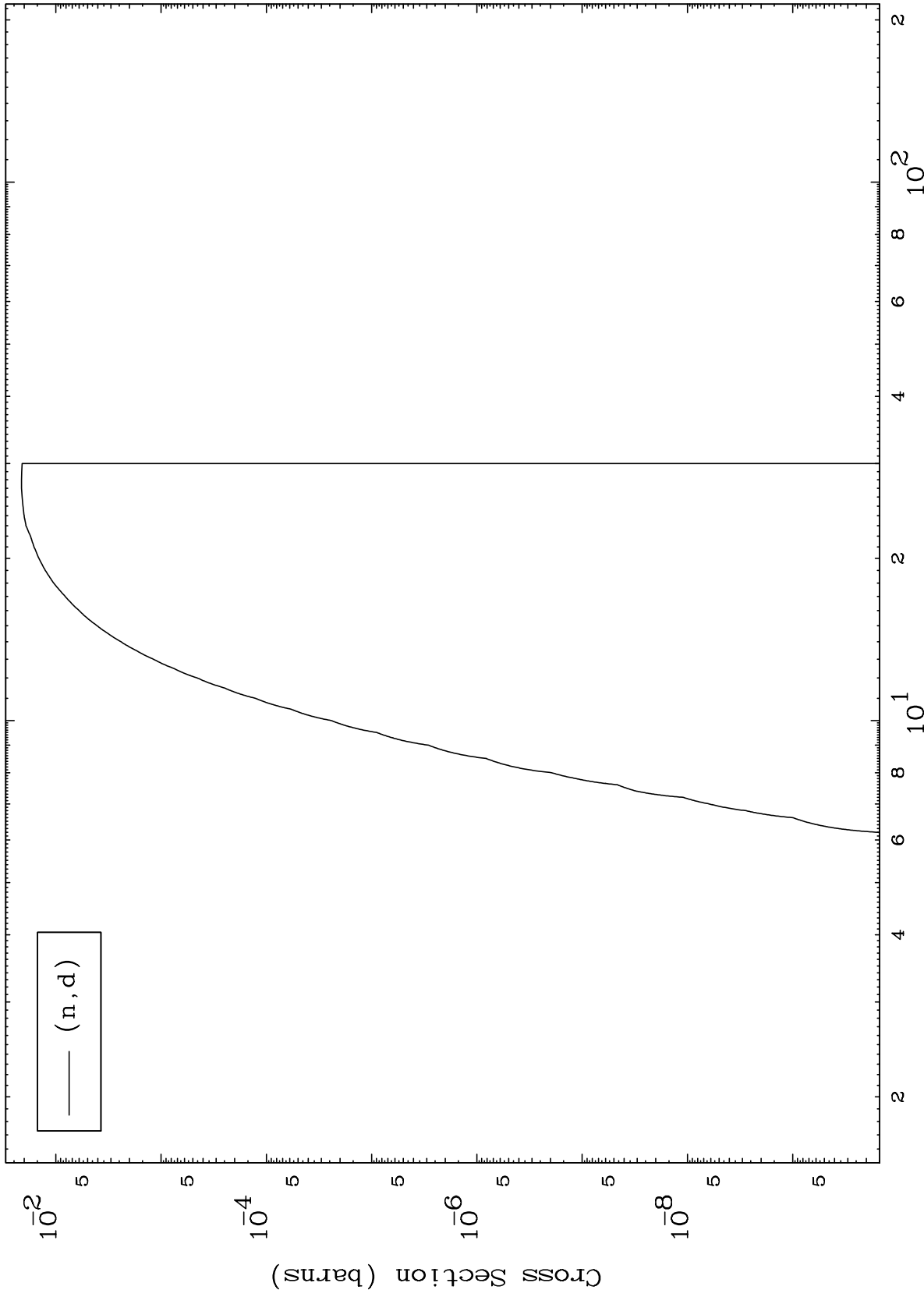
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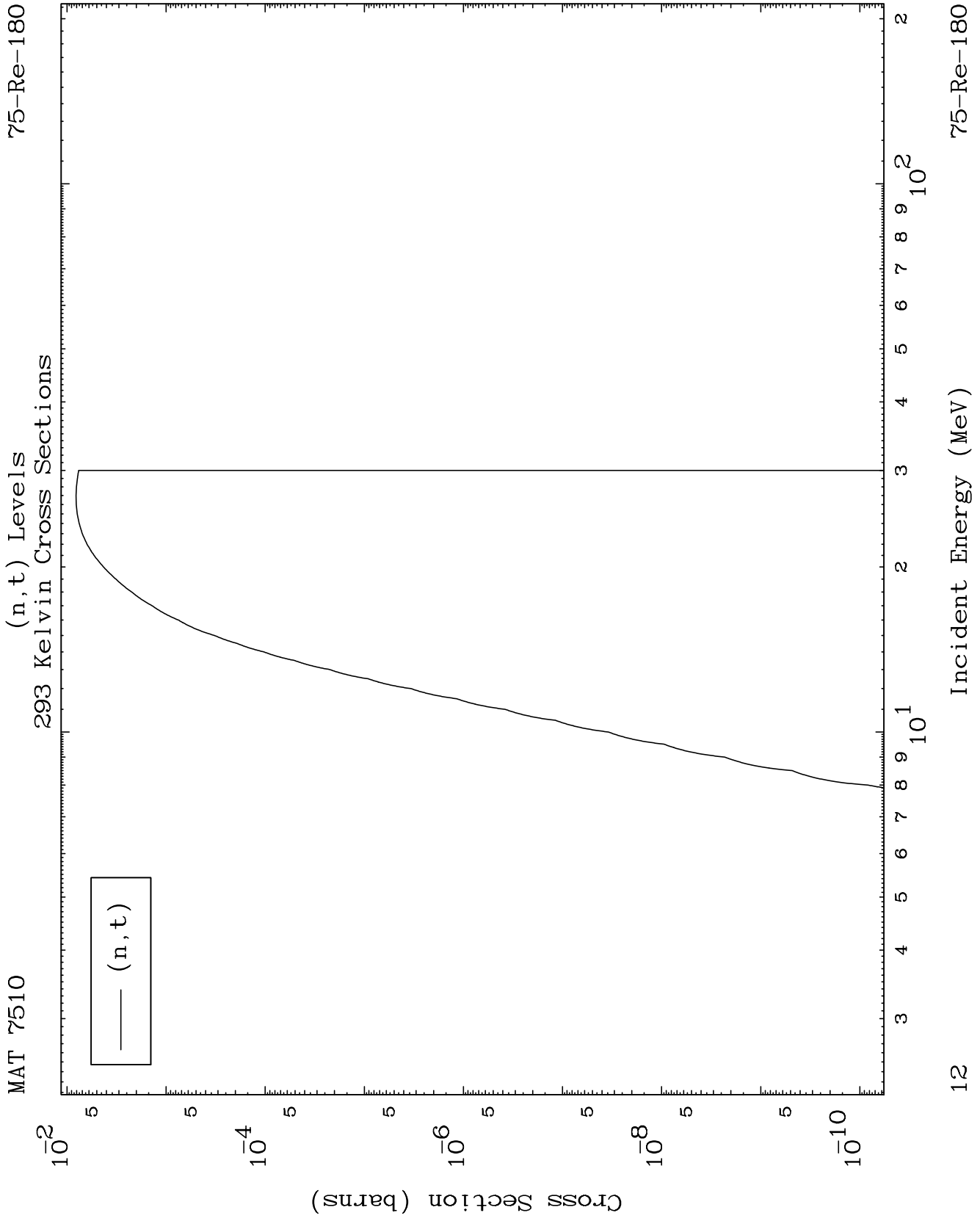
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MAT 7510

(n,d) Levels
293 Kelvin Cross Sections

75-Re-180

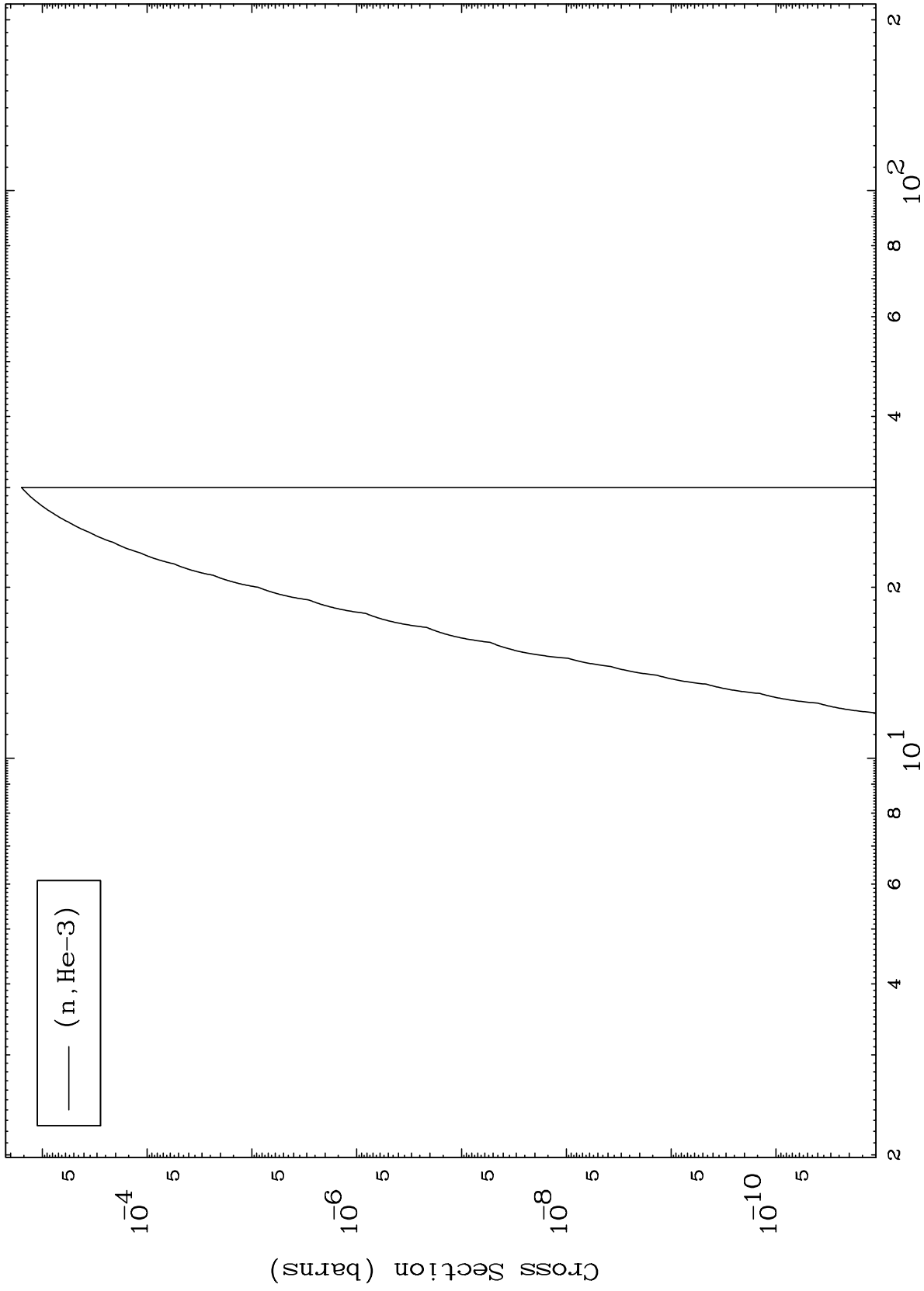




MAT 7510

(n,He3) Levels
293 Kelvin Cross Sections

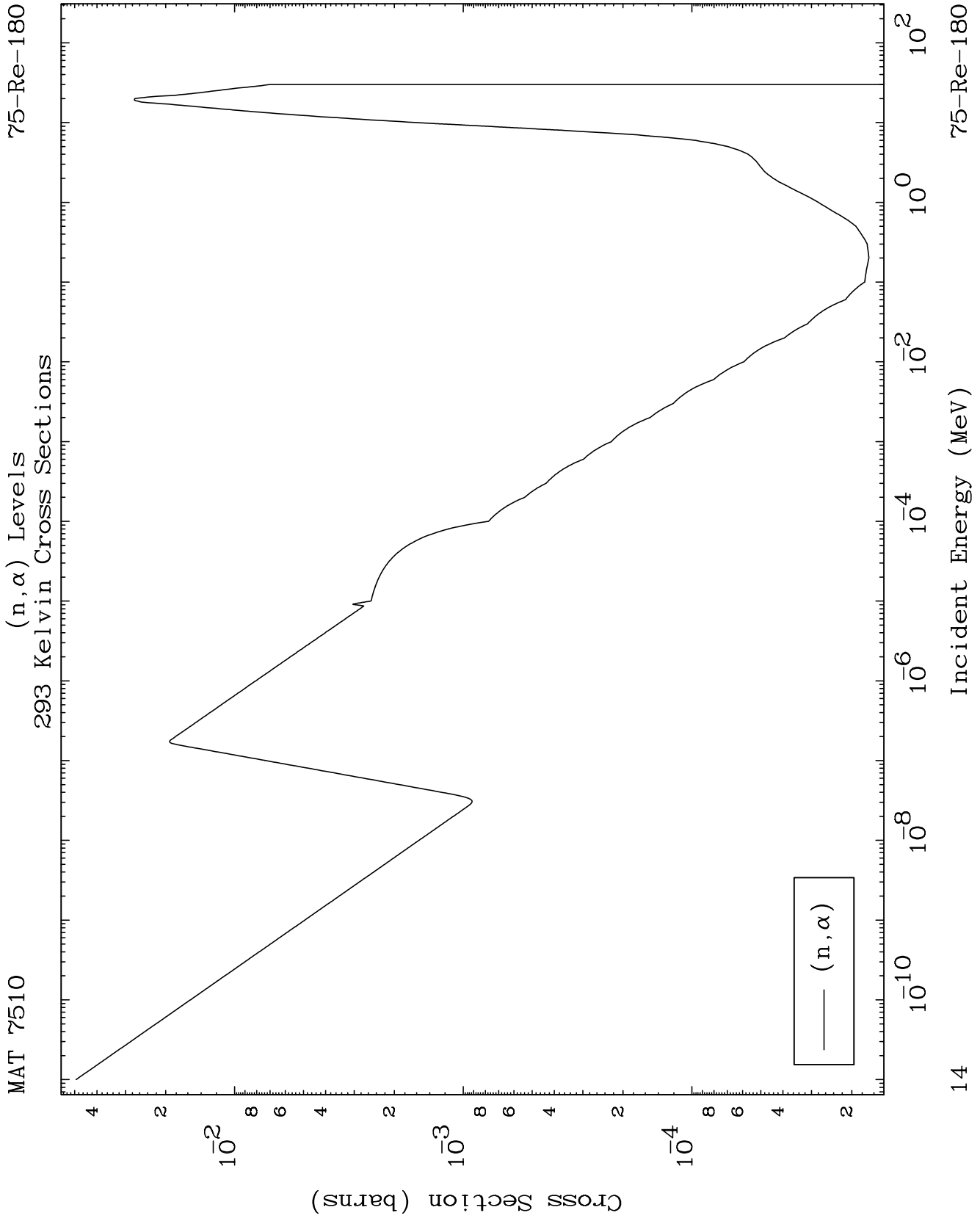
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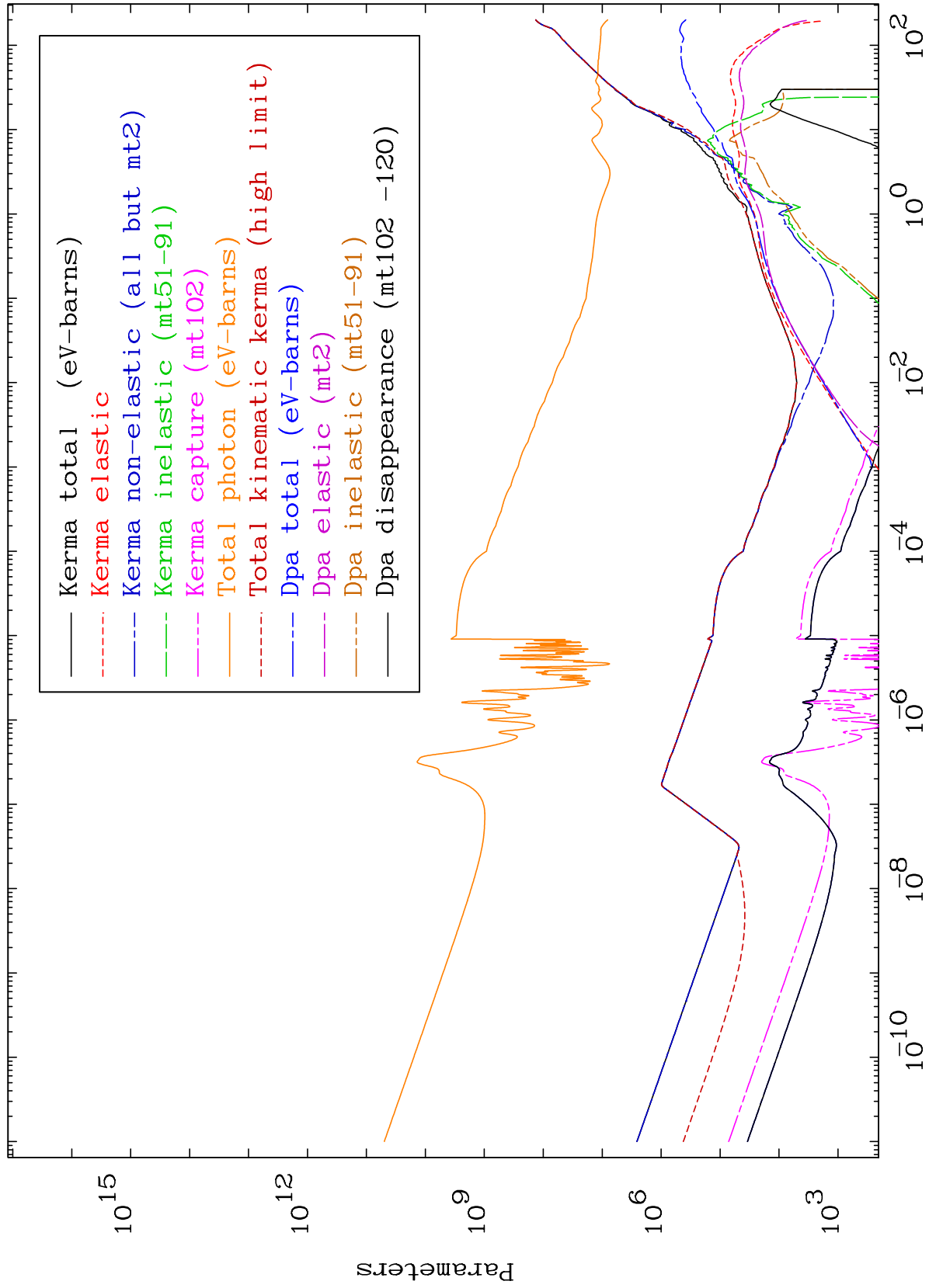


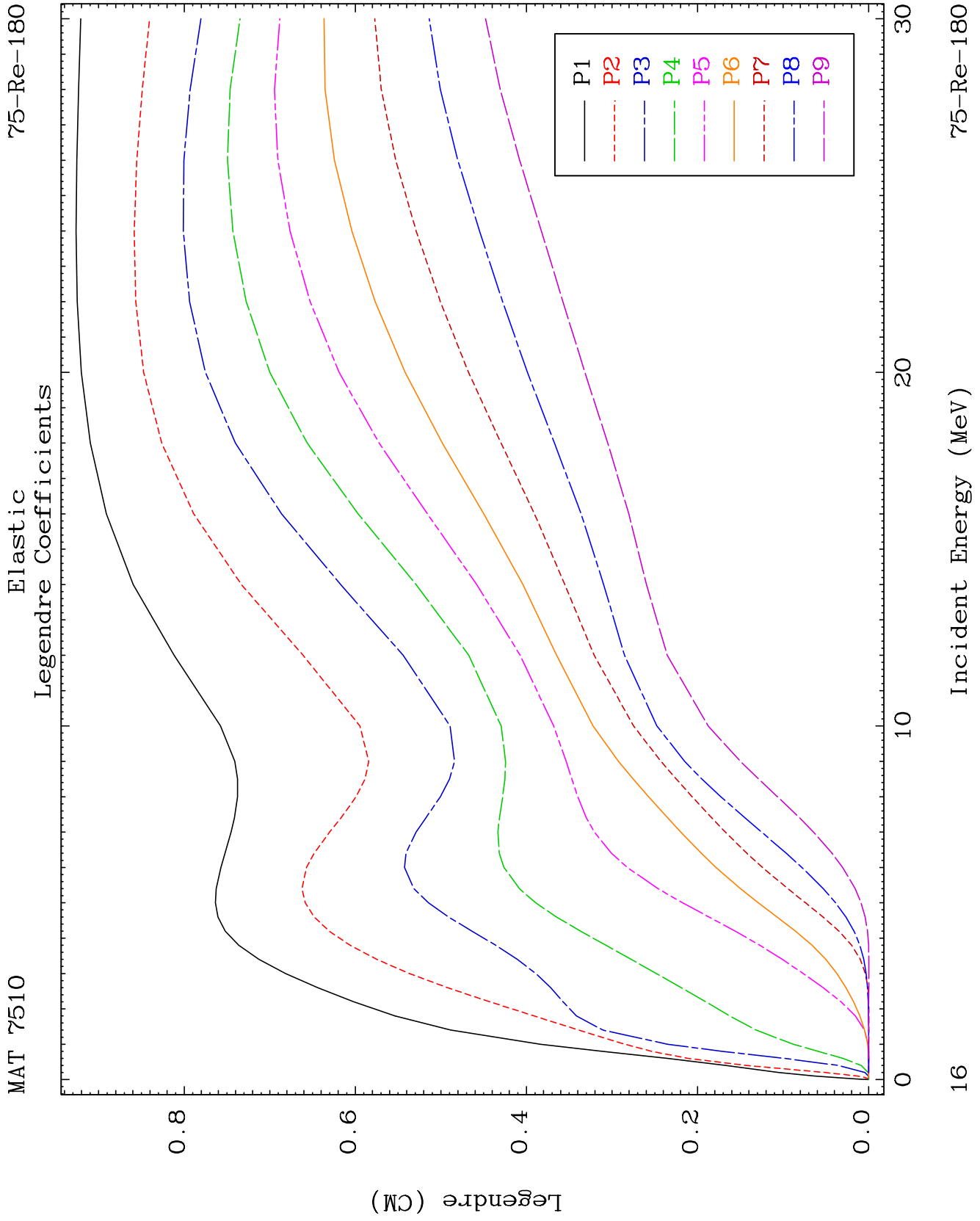
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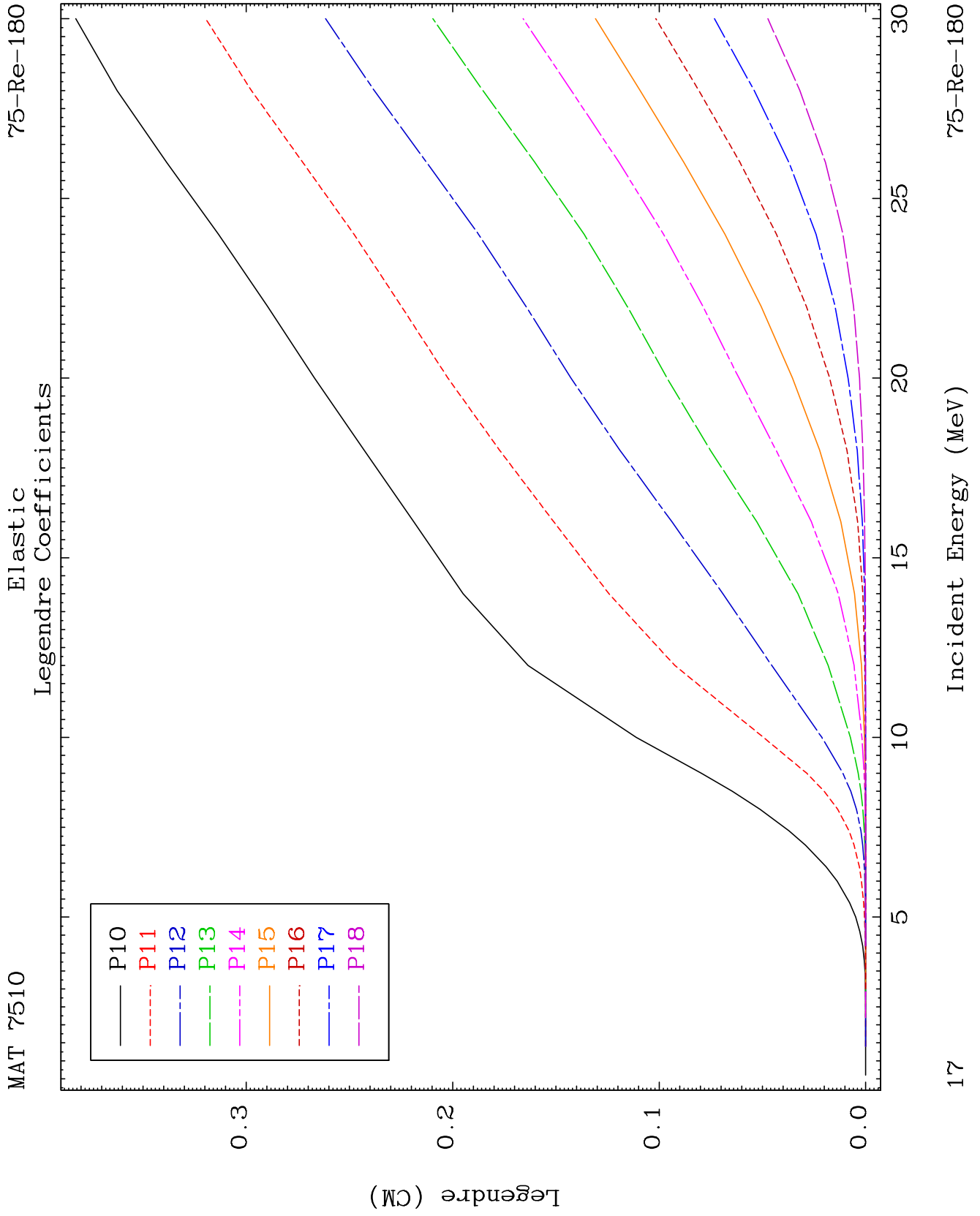
Incident Energy (MeV)

75-Re-180





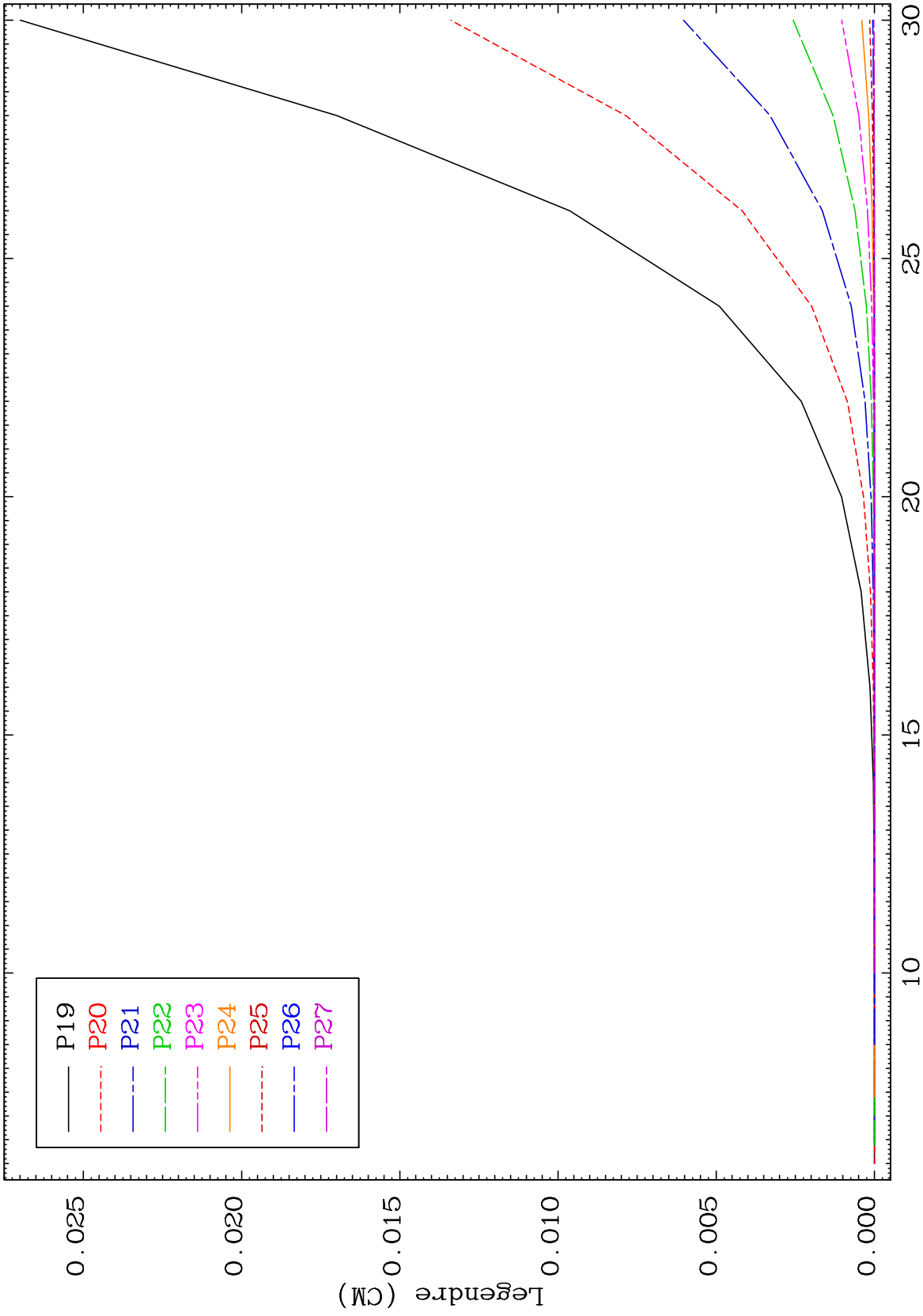




MAT 7510

Elastic Legendre Coefficients

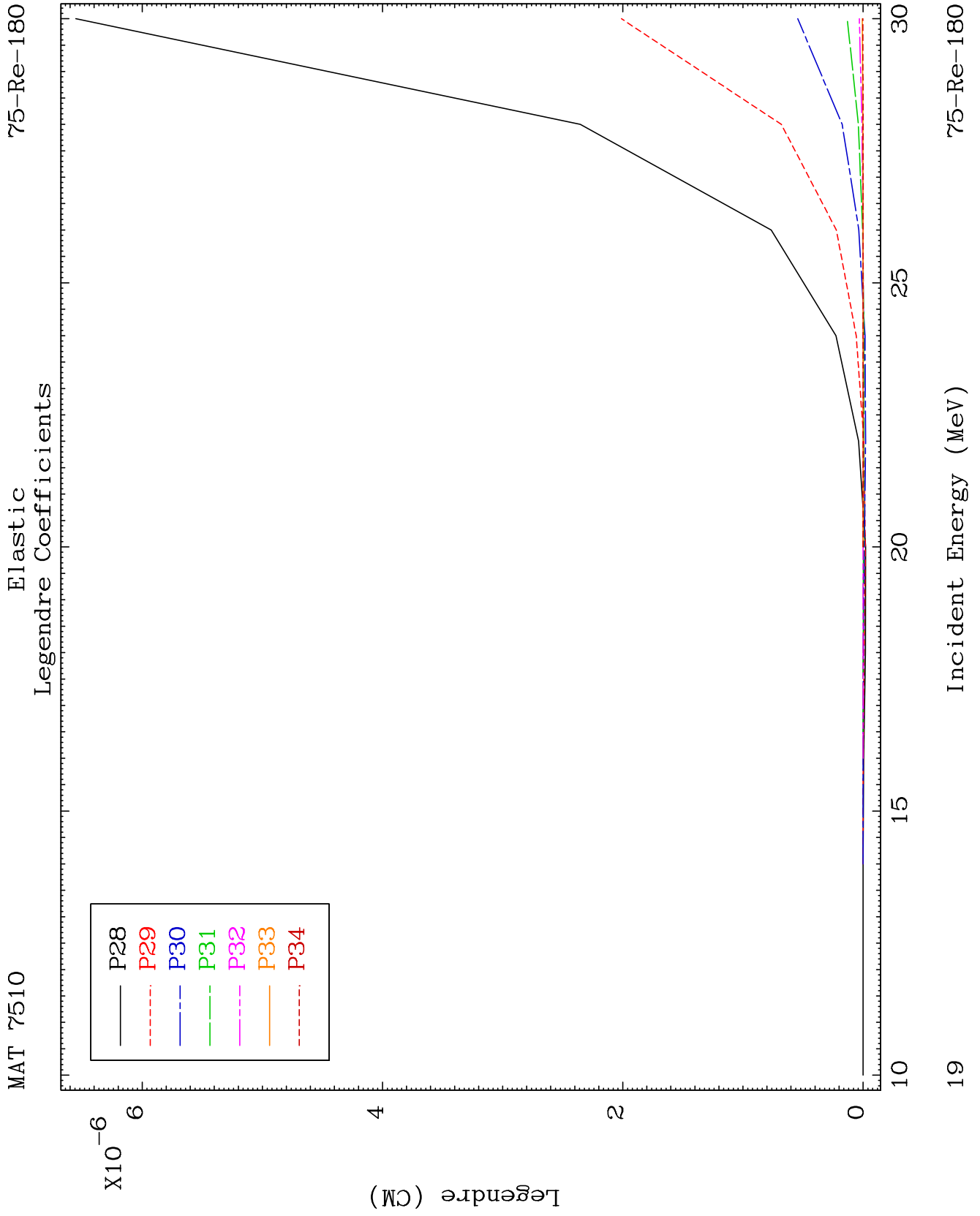
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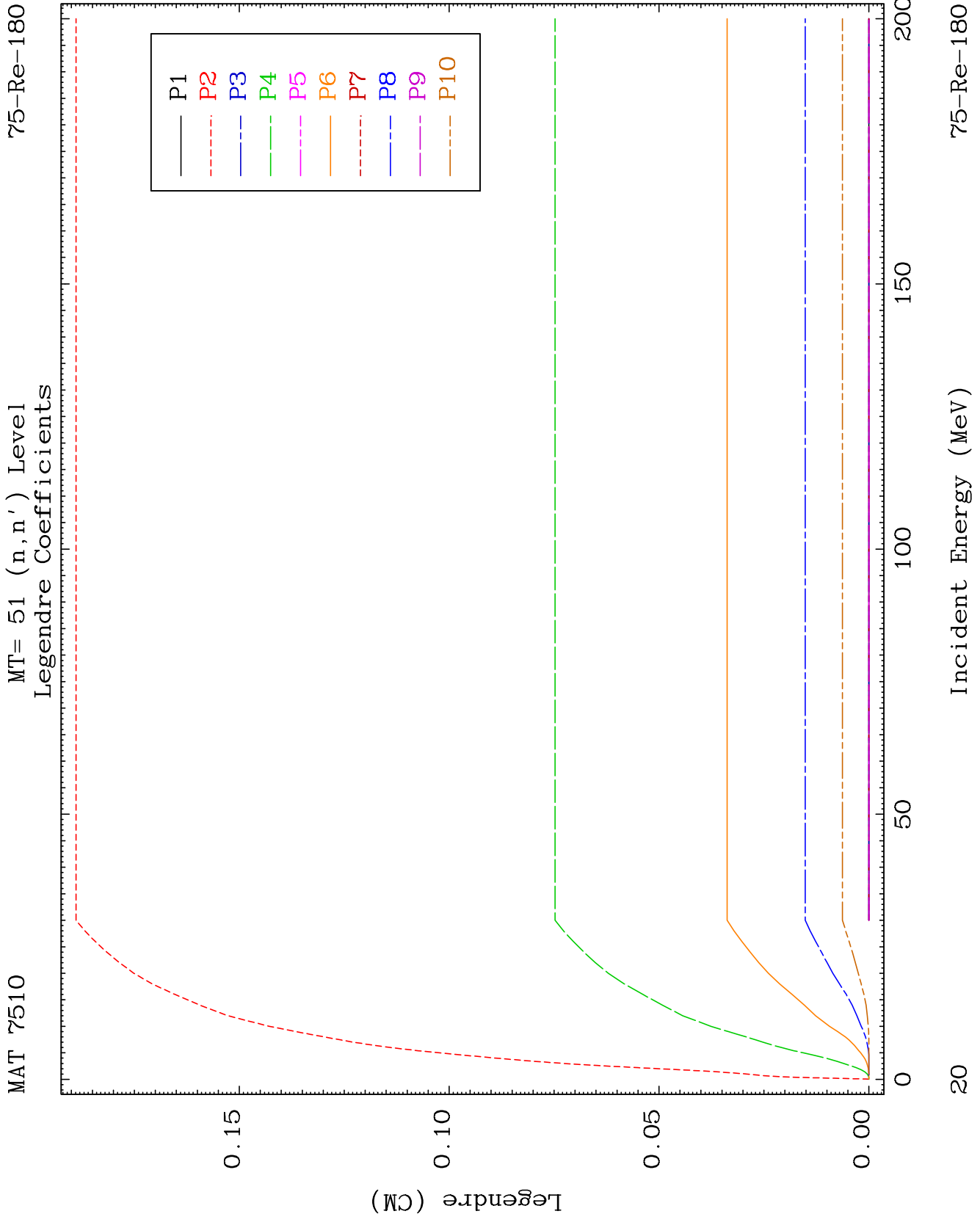


18

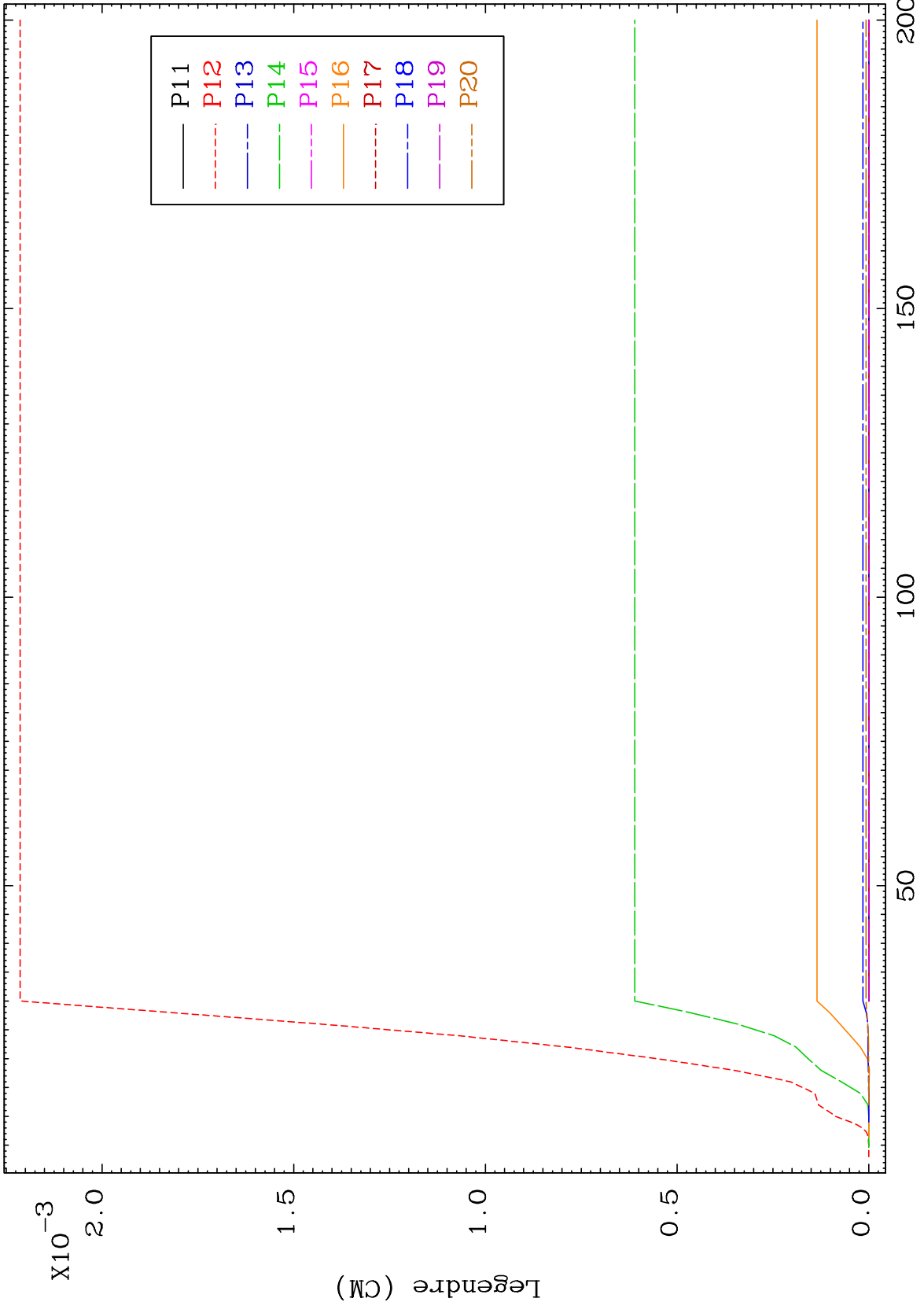
Incident Energy (MeV)

75-Re-180

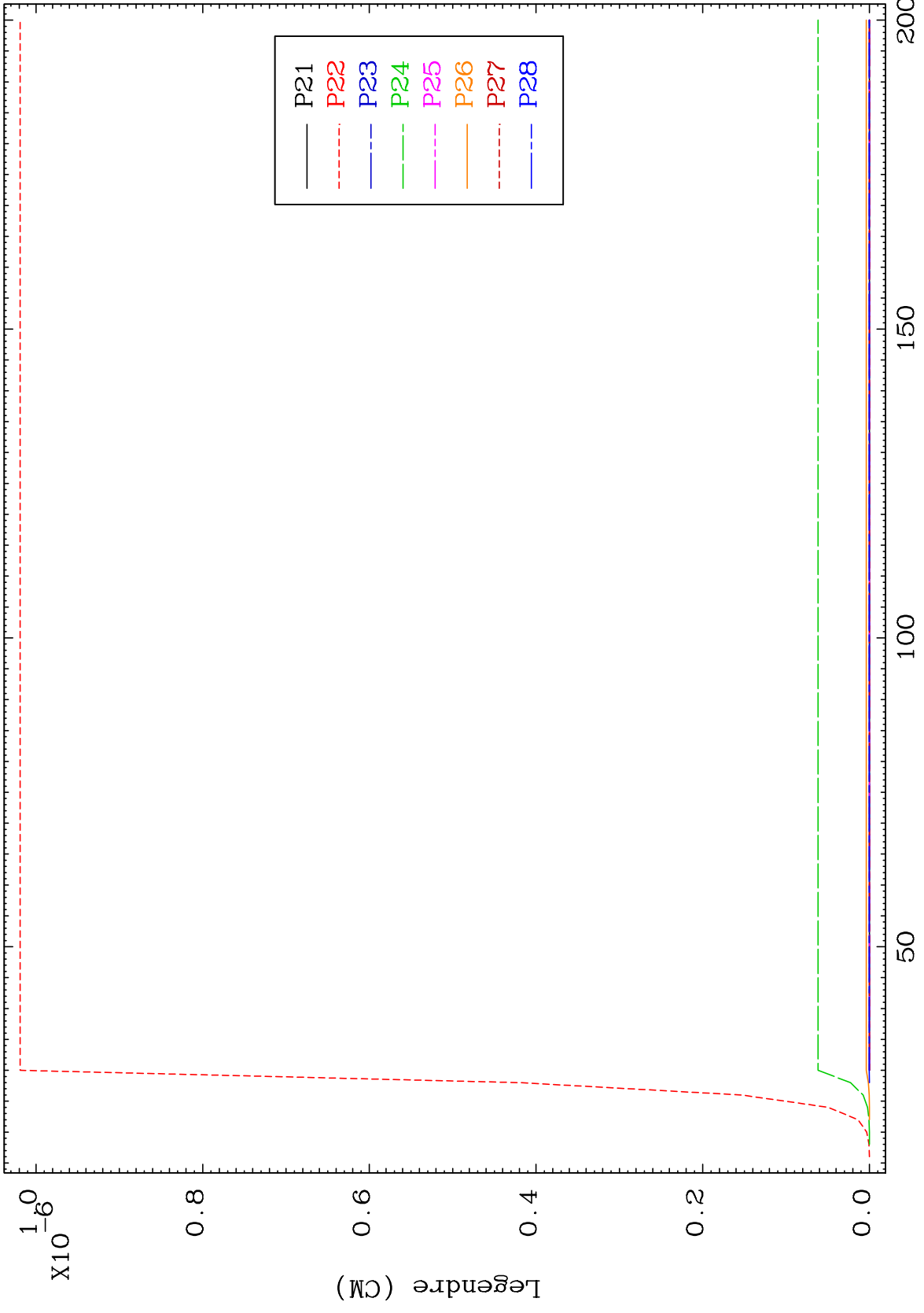




MAT 7510 MT= 51 (n,n') Level Legendre Coefficients 75-Re-180

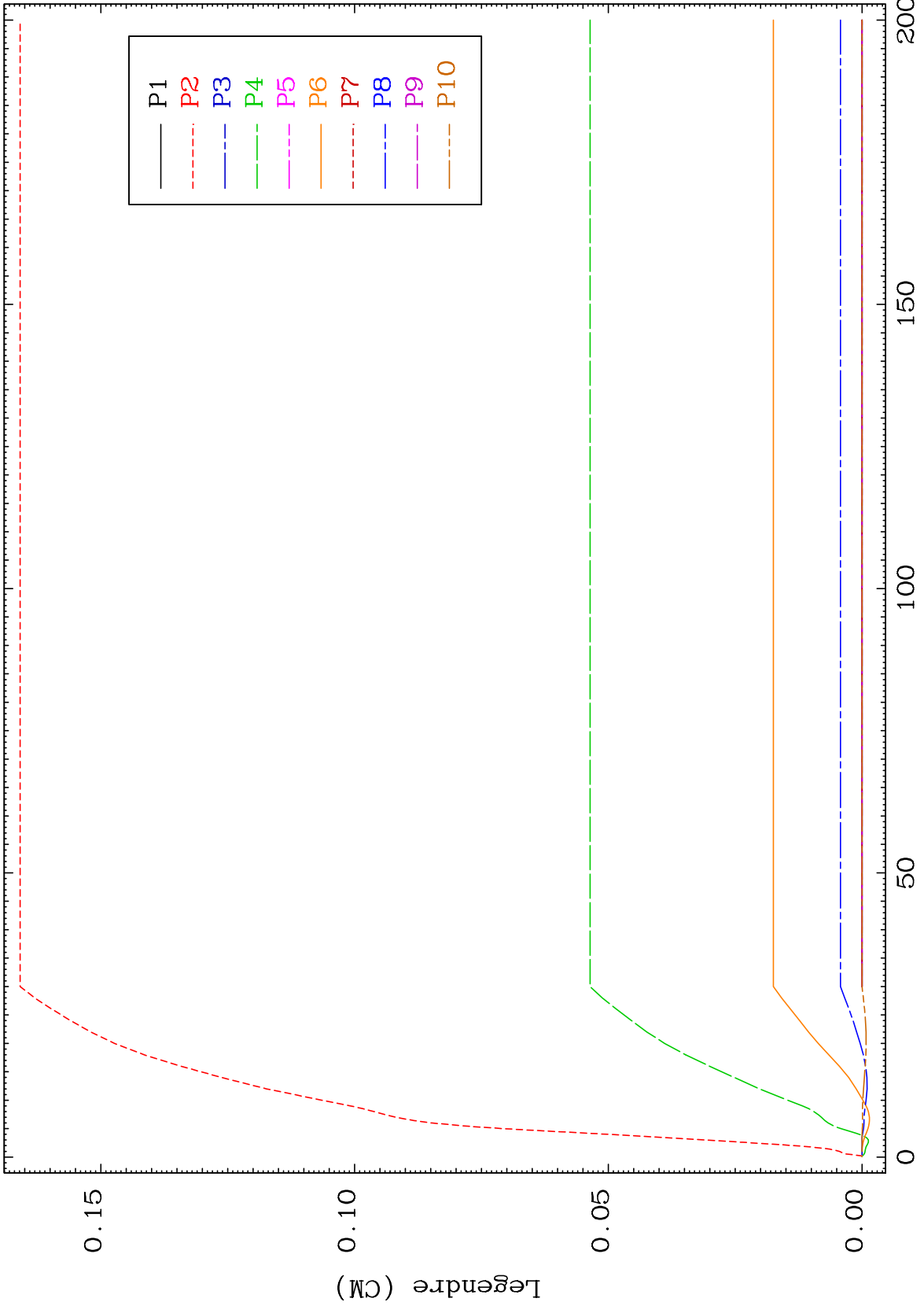


MAT 7510 MT= 51 (n,n') Level Legendre Coefficients 75-Re-180



22 Incident Energy (MeV) 75-Re-180

MAT 7510 MT= 52 (n,n') Level Legendre Coefficients 75-Re-180

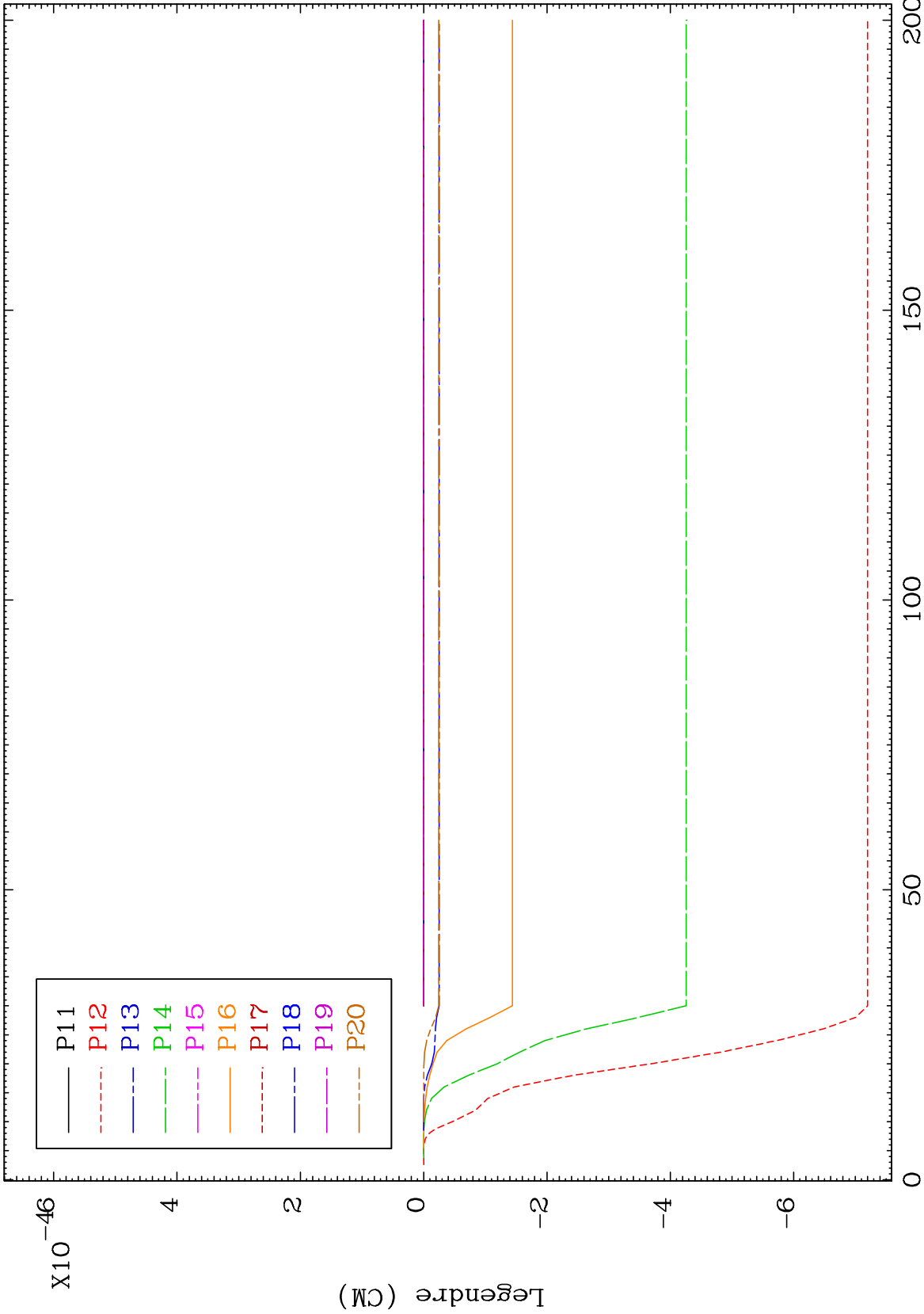


23 75-Re-180

MAT 7510

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

75-Re-180

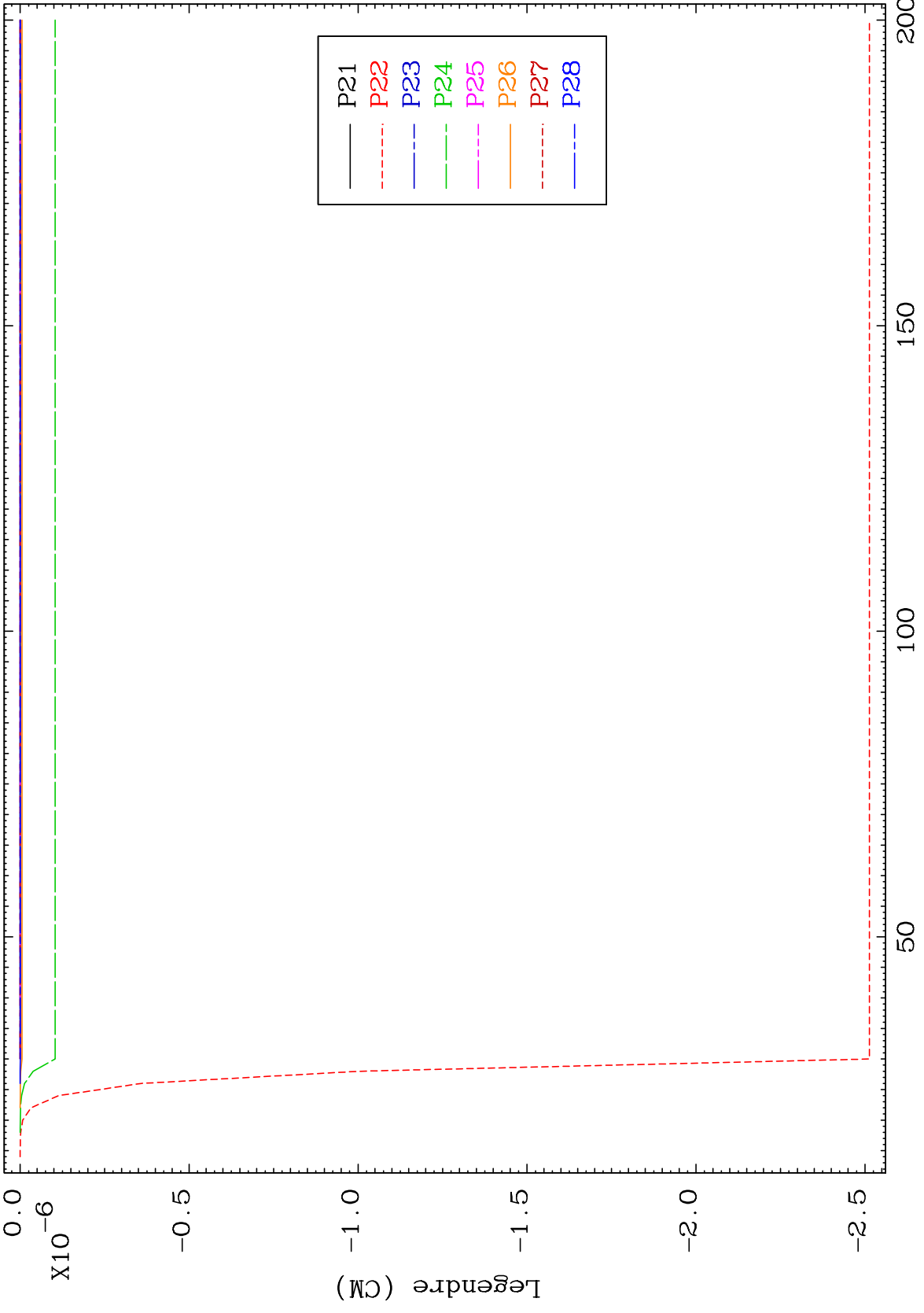


24

Incident Energy (MeV)

75-Re-180

MAT 7510 MT= 52 (n,n') Level Legendre Coefficients 75-Re-180

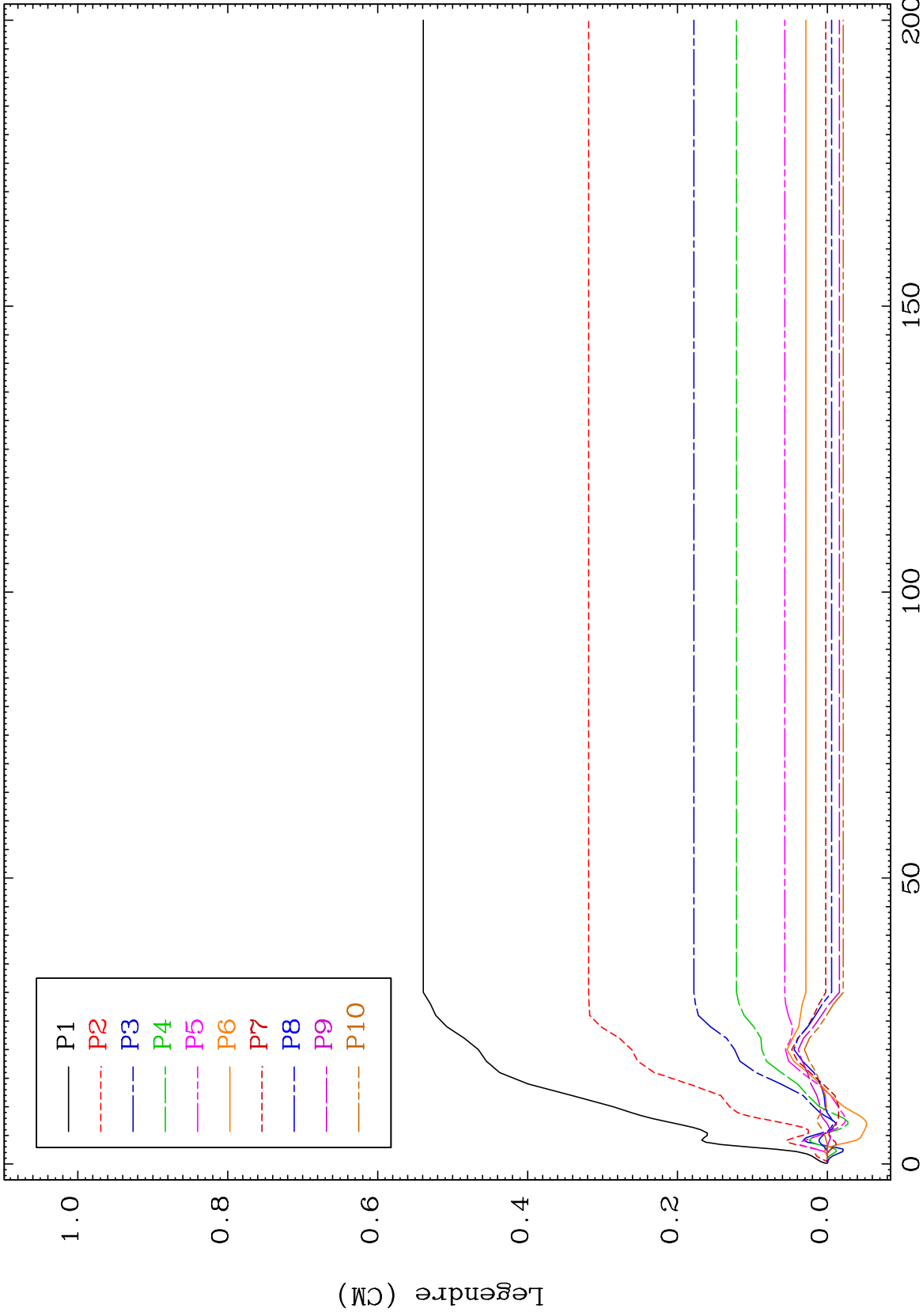


25 Incident Energy (MeV) 75-Re-180

MAT 7510

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

75-Re-180

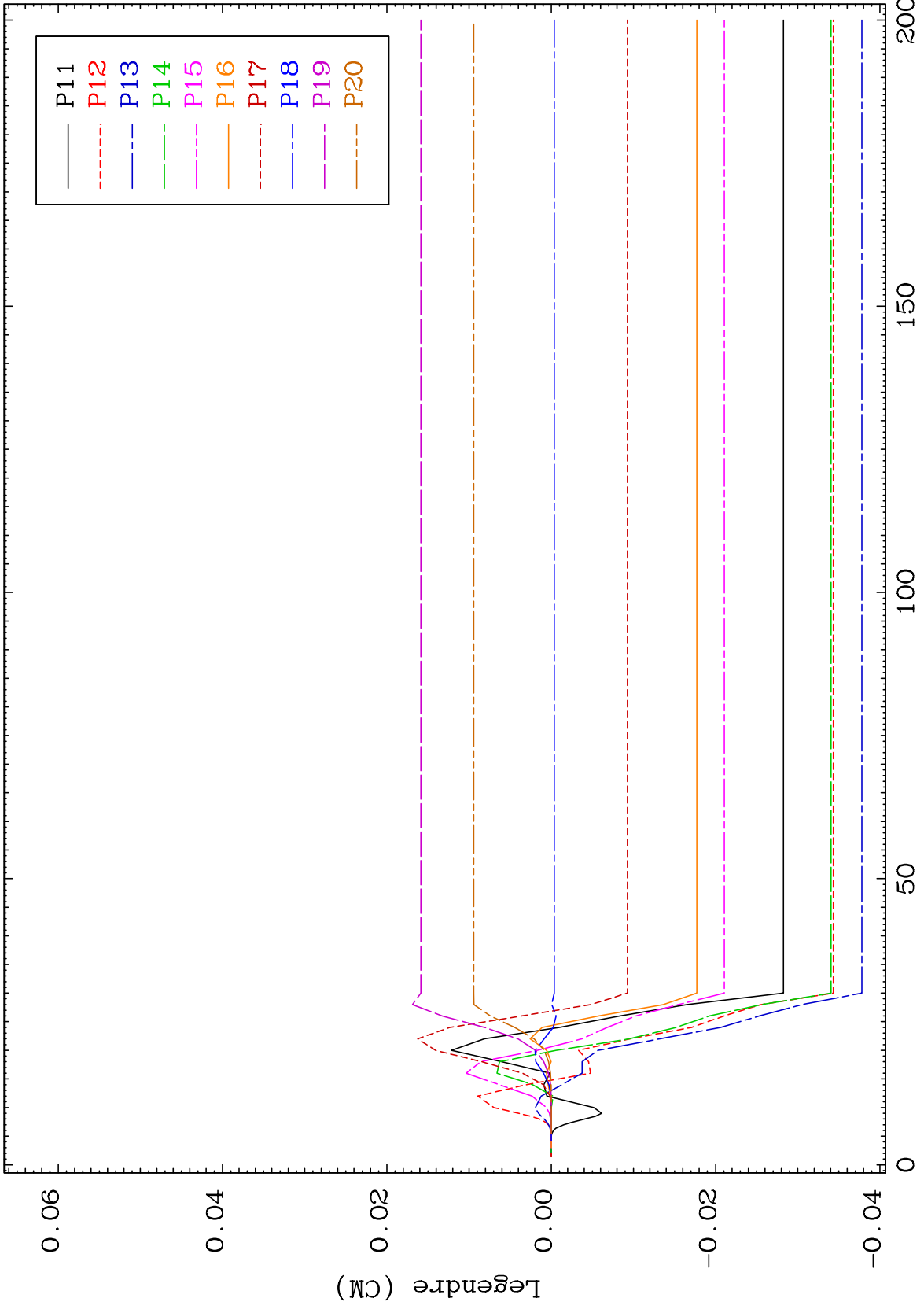


26

Incident Energy (MeV)

75-Re-180

MAT 7510 MT= 53 (n,n') Level Legendre Coefficients 75-Re-180

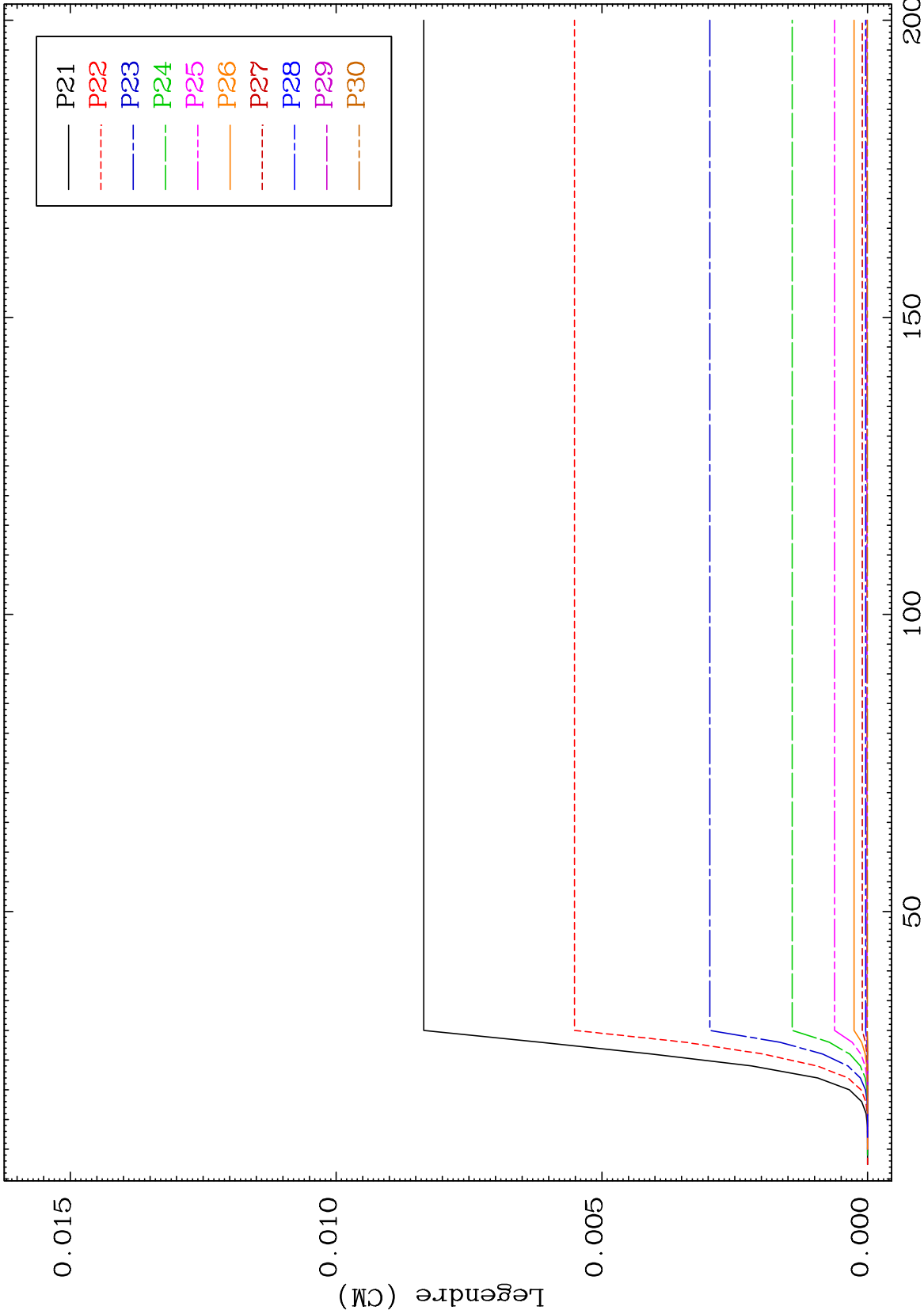


27 75-Re-180

MAT 7510

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

75-Re-180



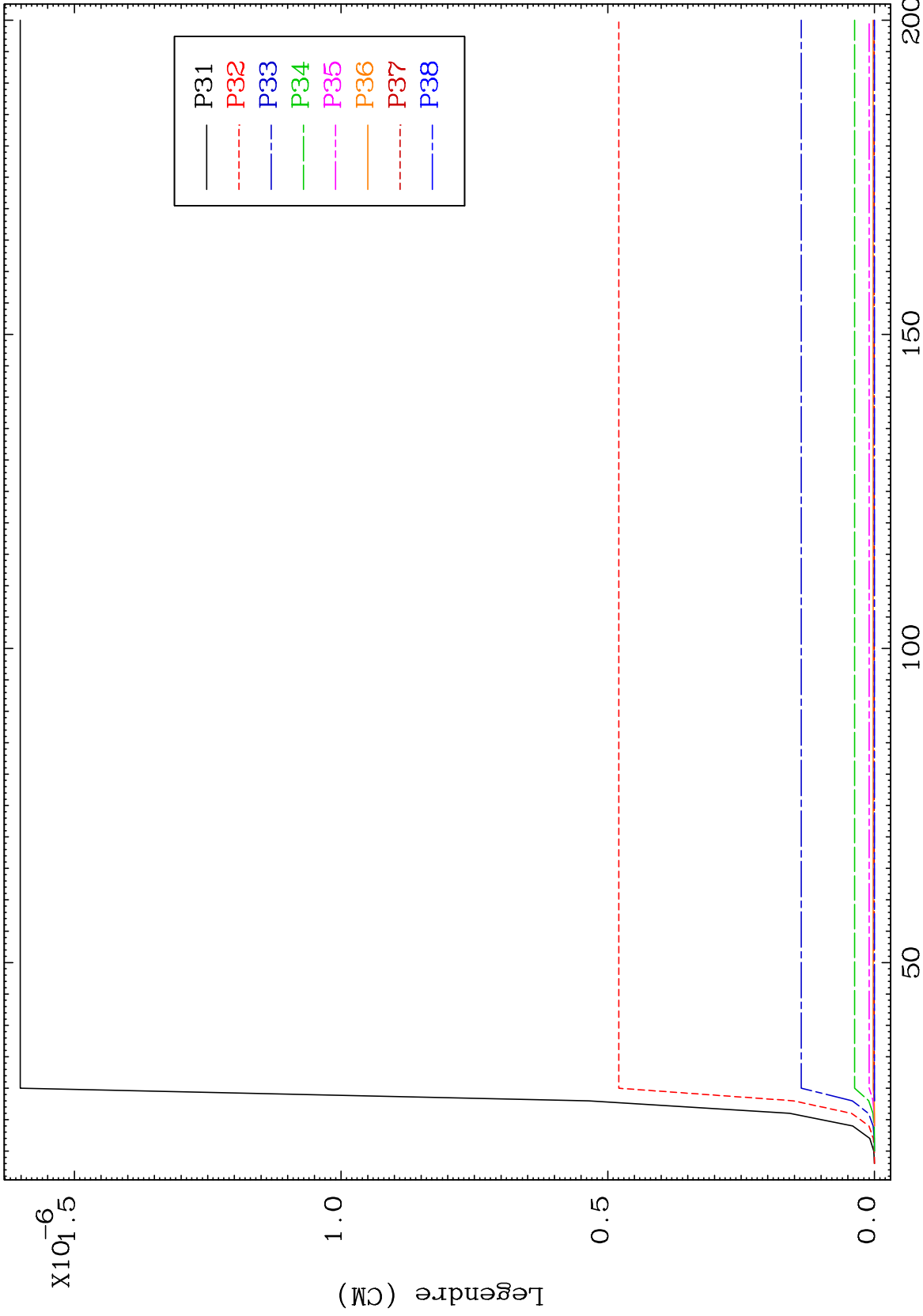
28

75-Re-180

MAT 7510

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

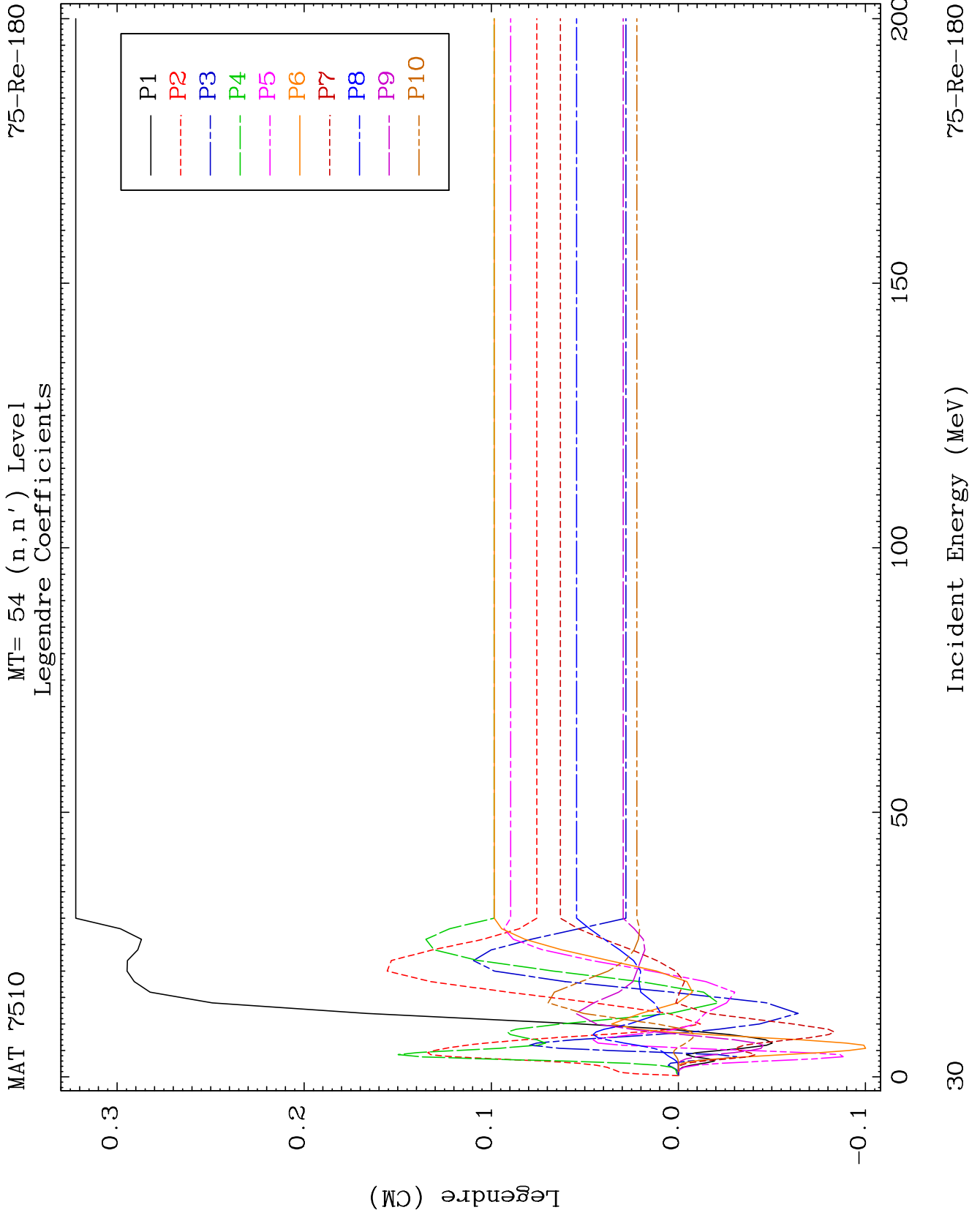
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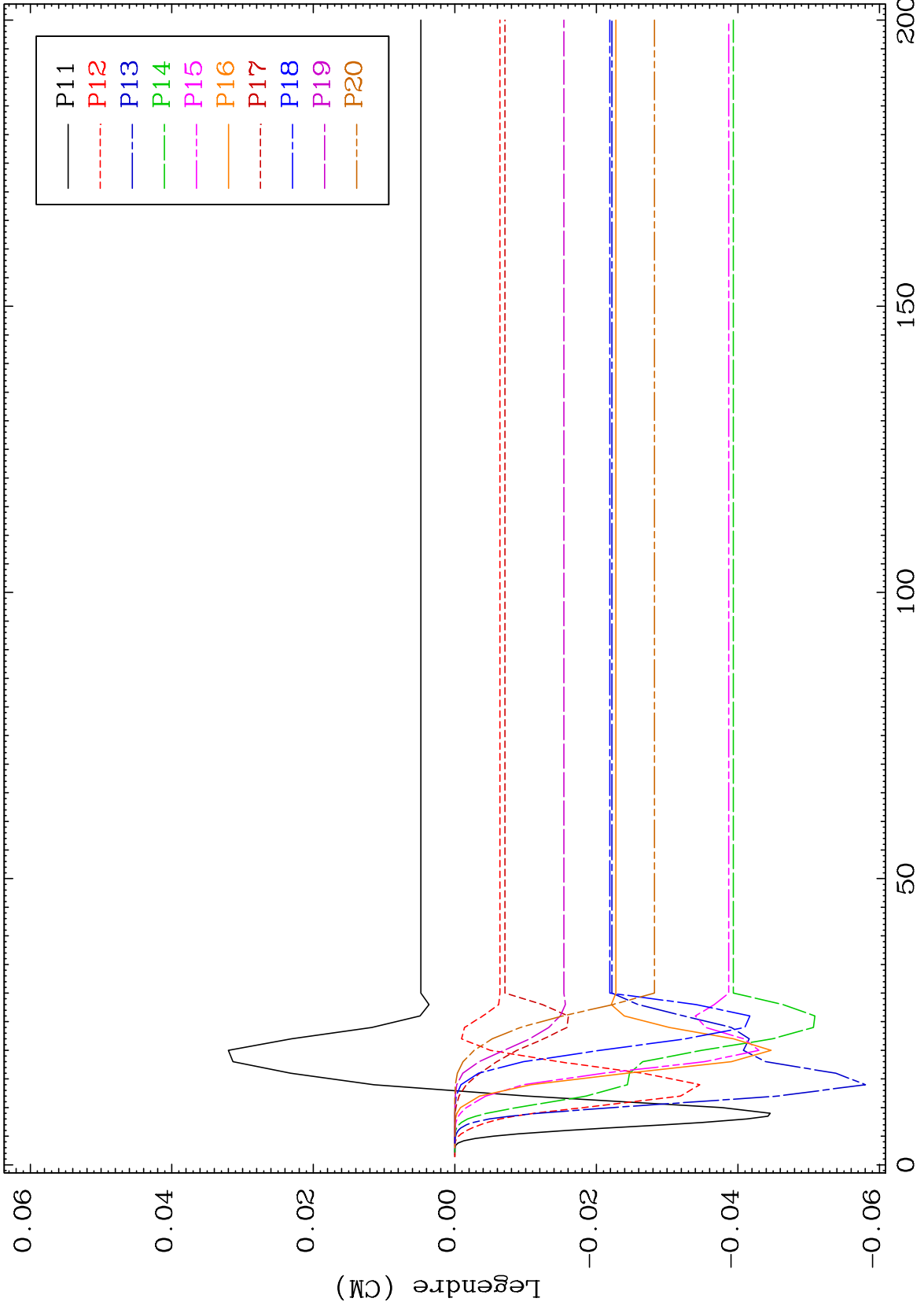
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Incident Energy (MeV)

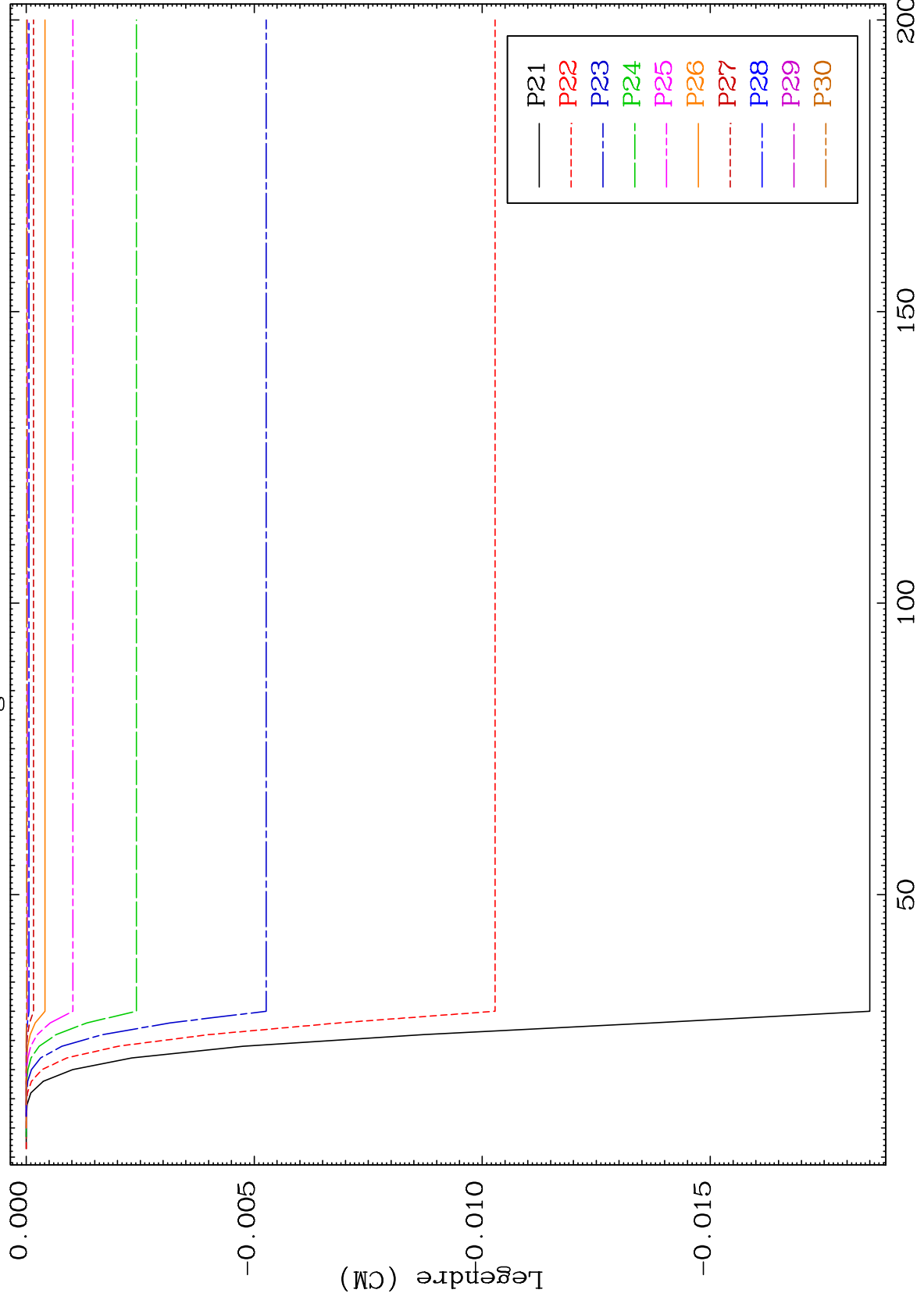
75-Re-180



MAT 7510 MT= 54 (n,n') Level Legendre Coefficients 75-Re-180



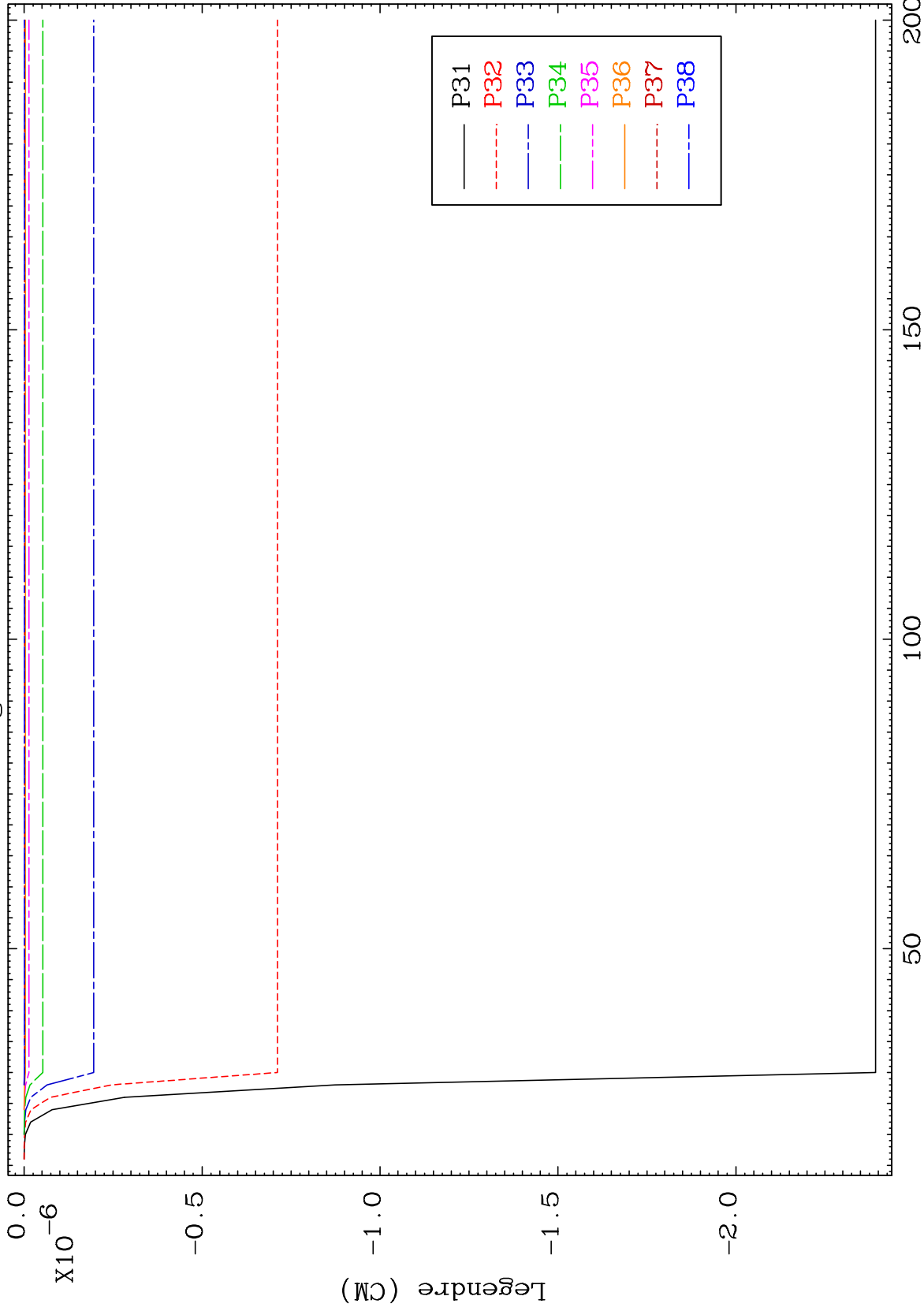
MAT 7510 MT= 54 (n,n') Level Legendre Coefficients 75-Re-180



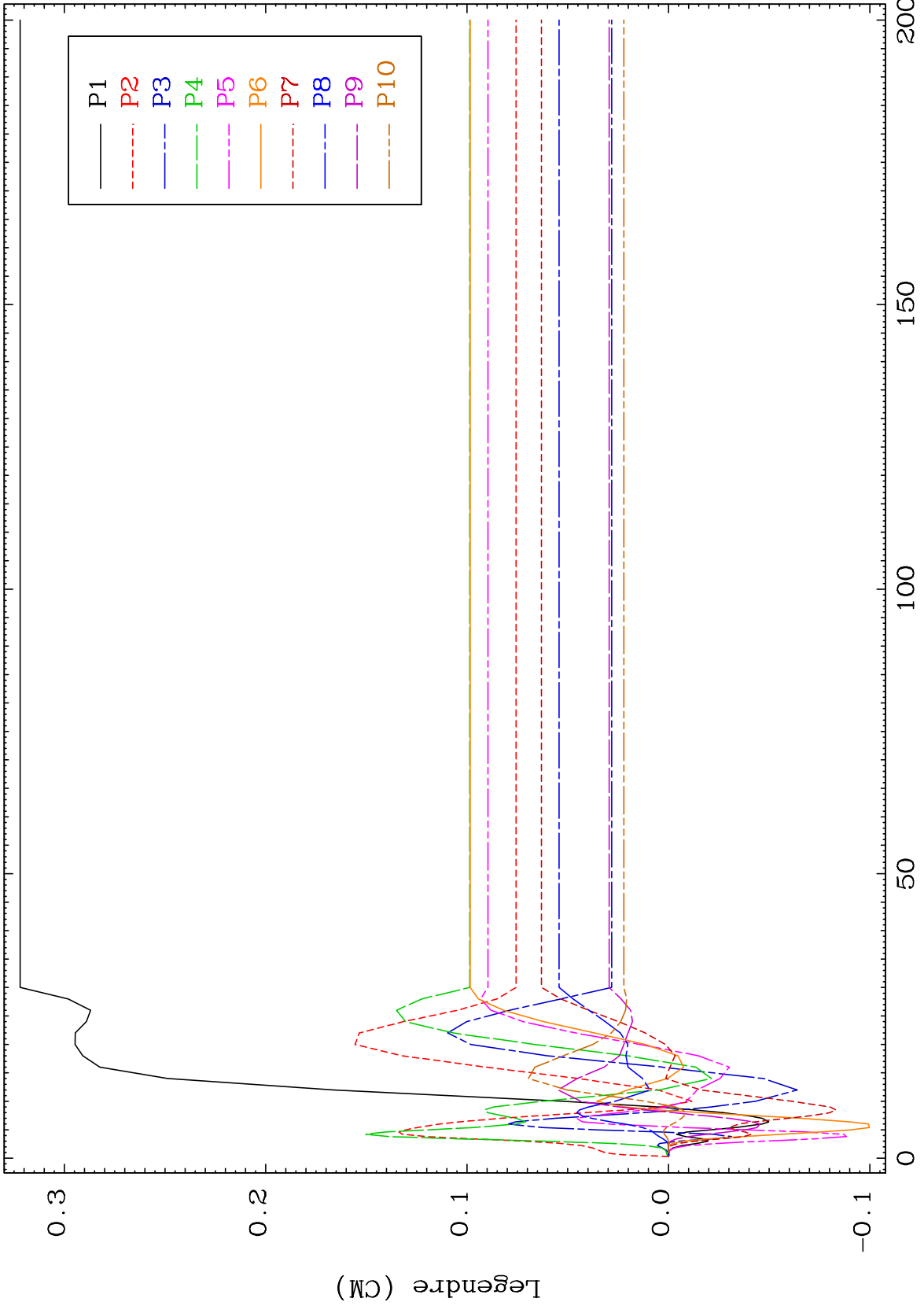
32 Incident Energy (MeV) 75-Re-180

MAT 7510 MT= 54 (n,n') Level 75-Re-180

Legendre Coefficients

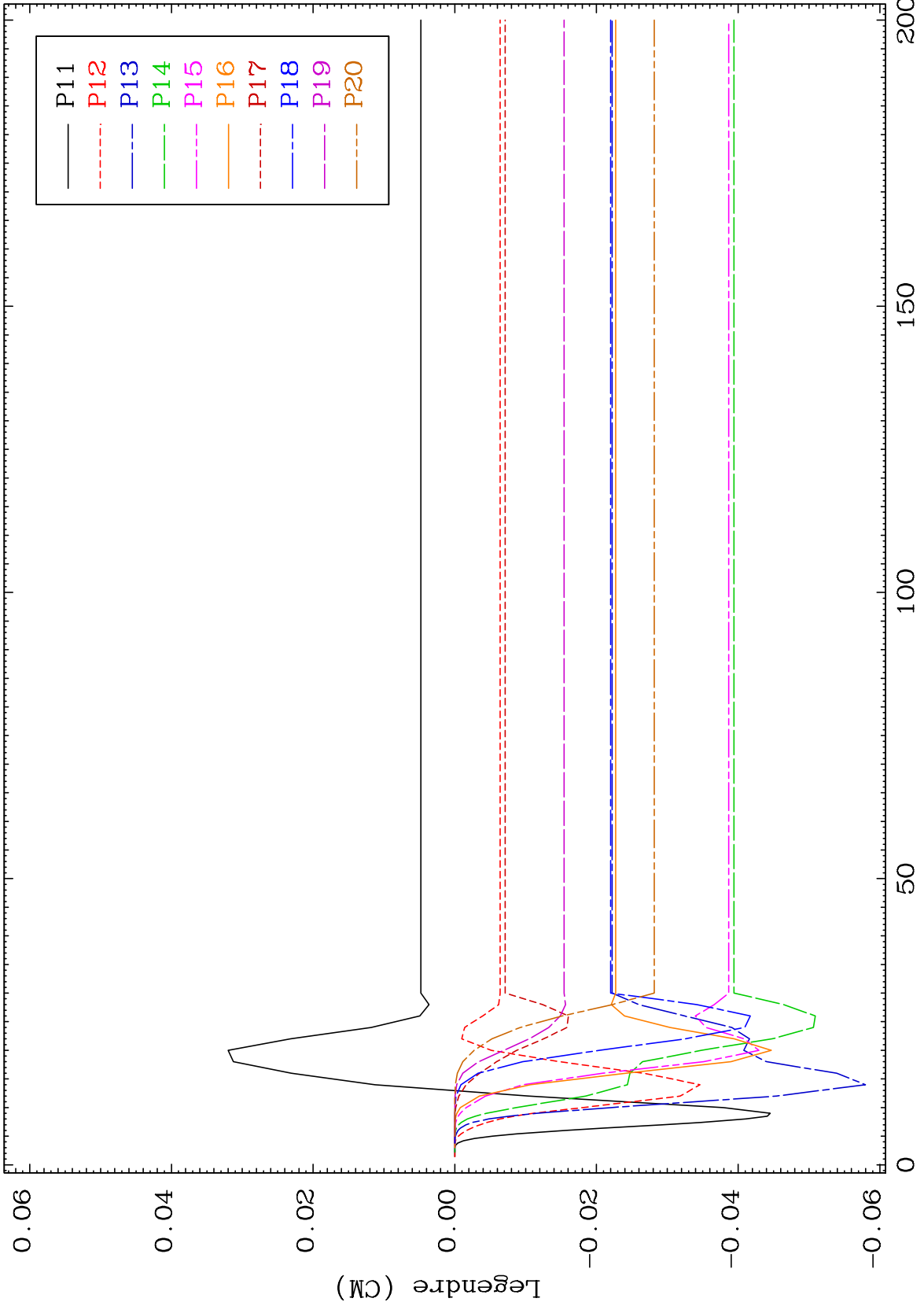


MAT 7510 MT= 55 (n,n') Level Legendre Coefficients 75-Re-180



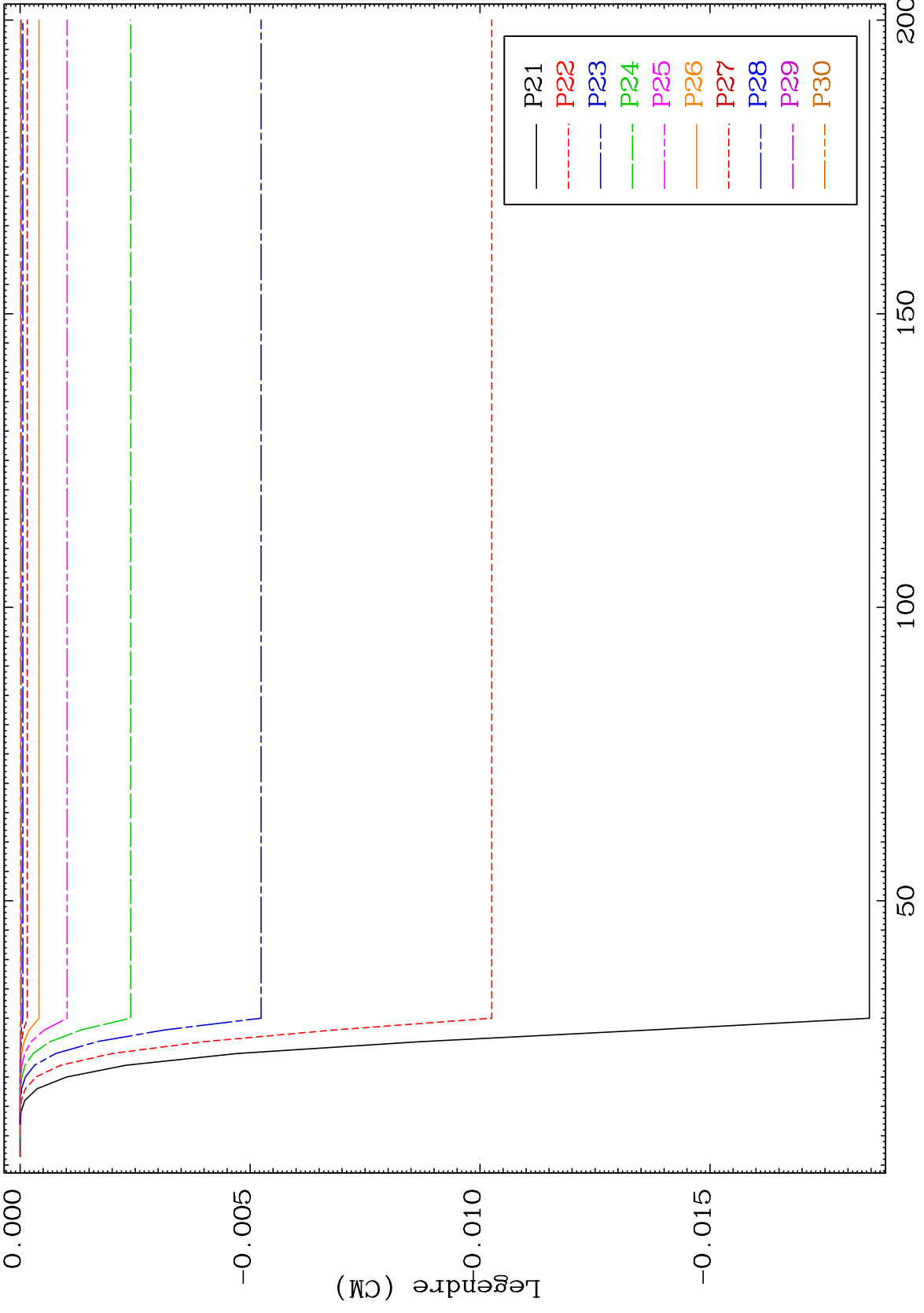
34 Incident Energy (MeV) 75-Re-180

MAT 7510 MT= 55 (n,n') Level Legendre Coefficients 75-Re-180



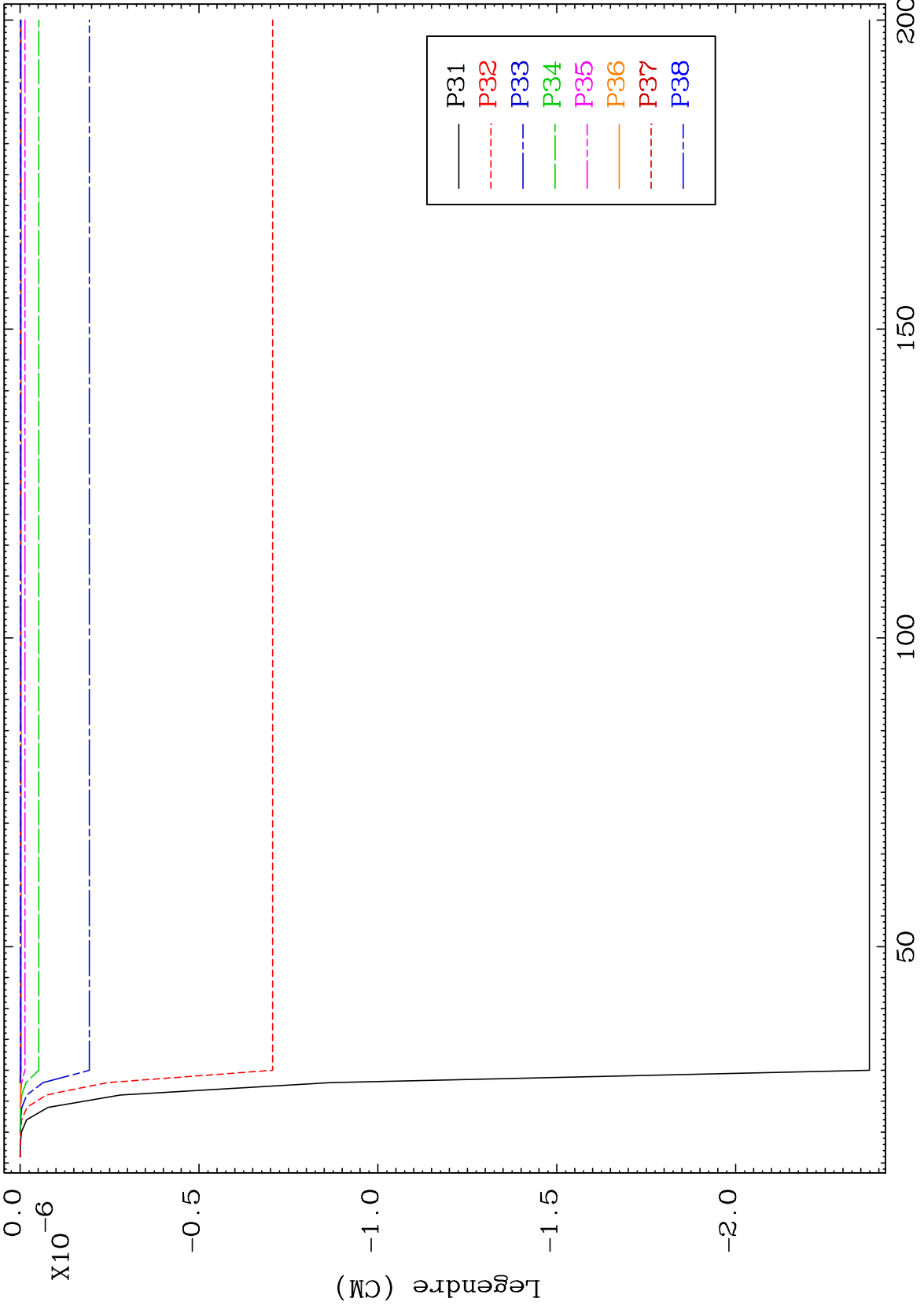
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MAT 7510 MT= 55 (n,n') Level Legendre Coefficients 75-Re-180

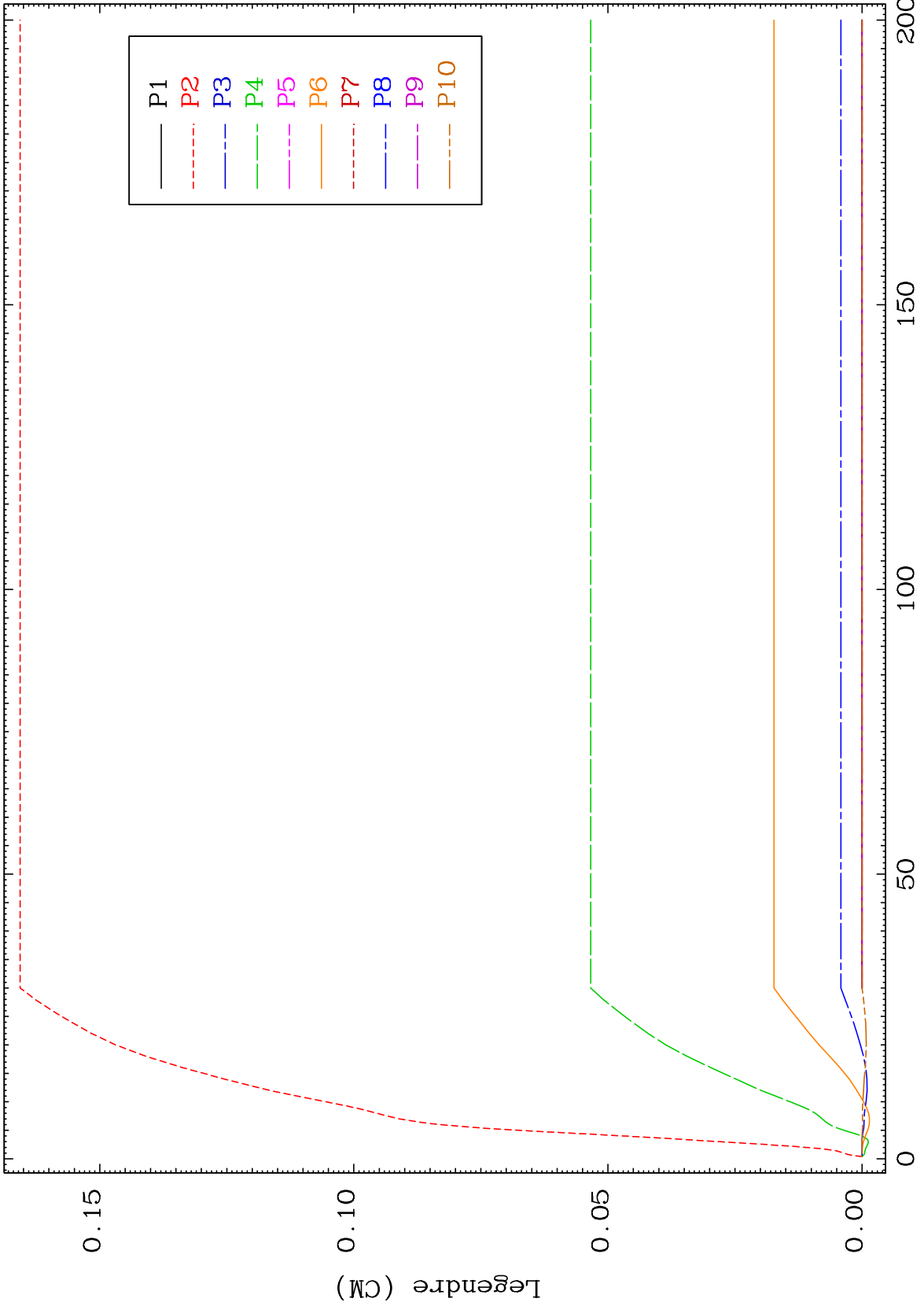


MAT 7510 MT= 55 (n,n') Level 75-Re-180

Legendre Coefficients

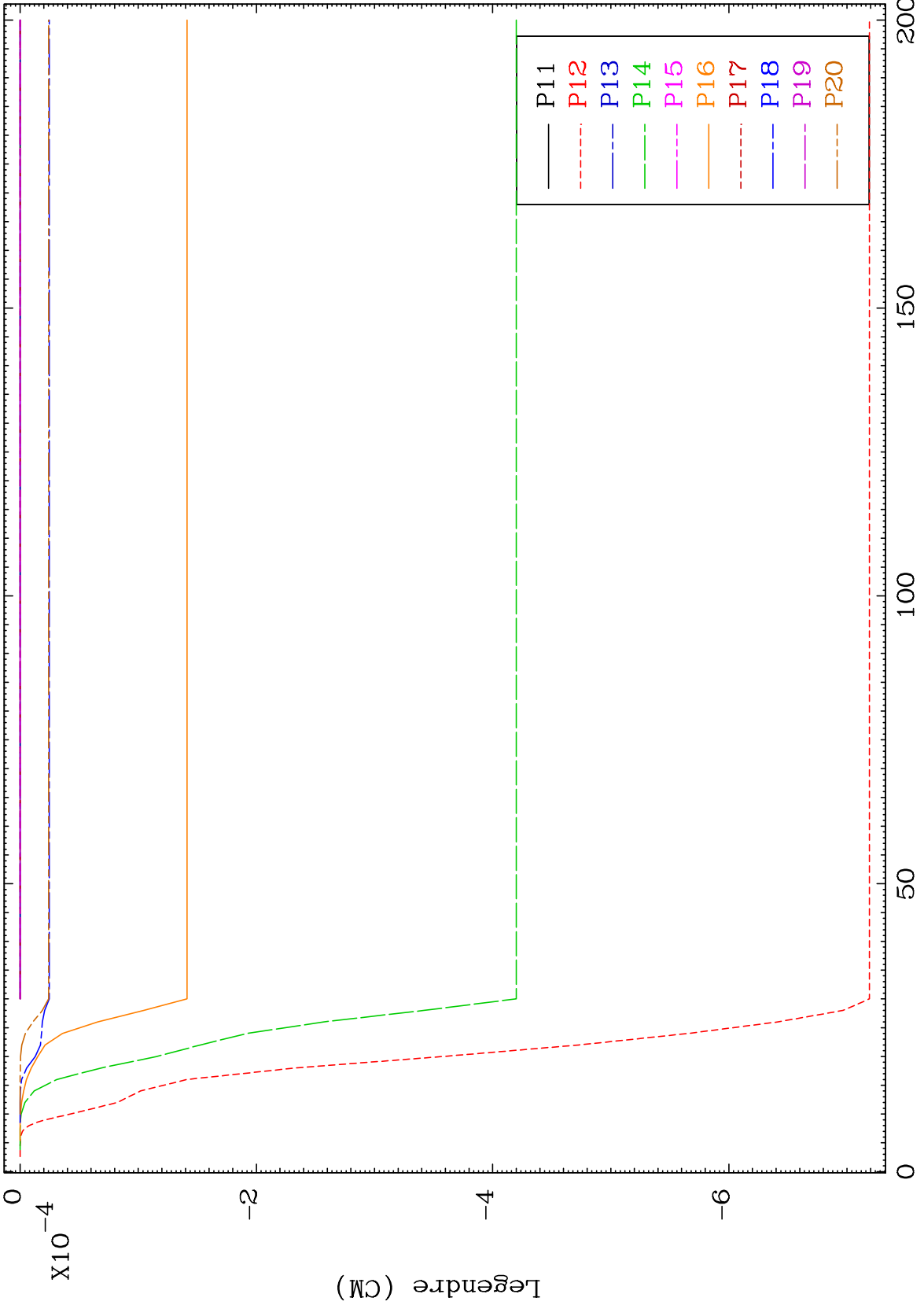


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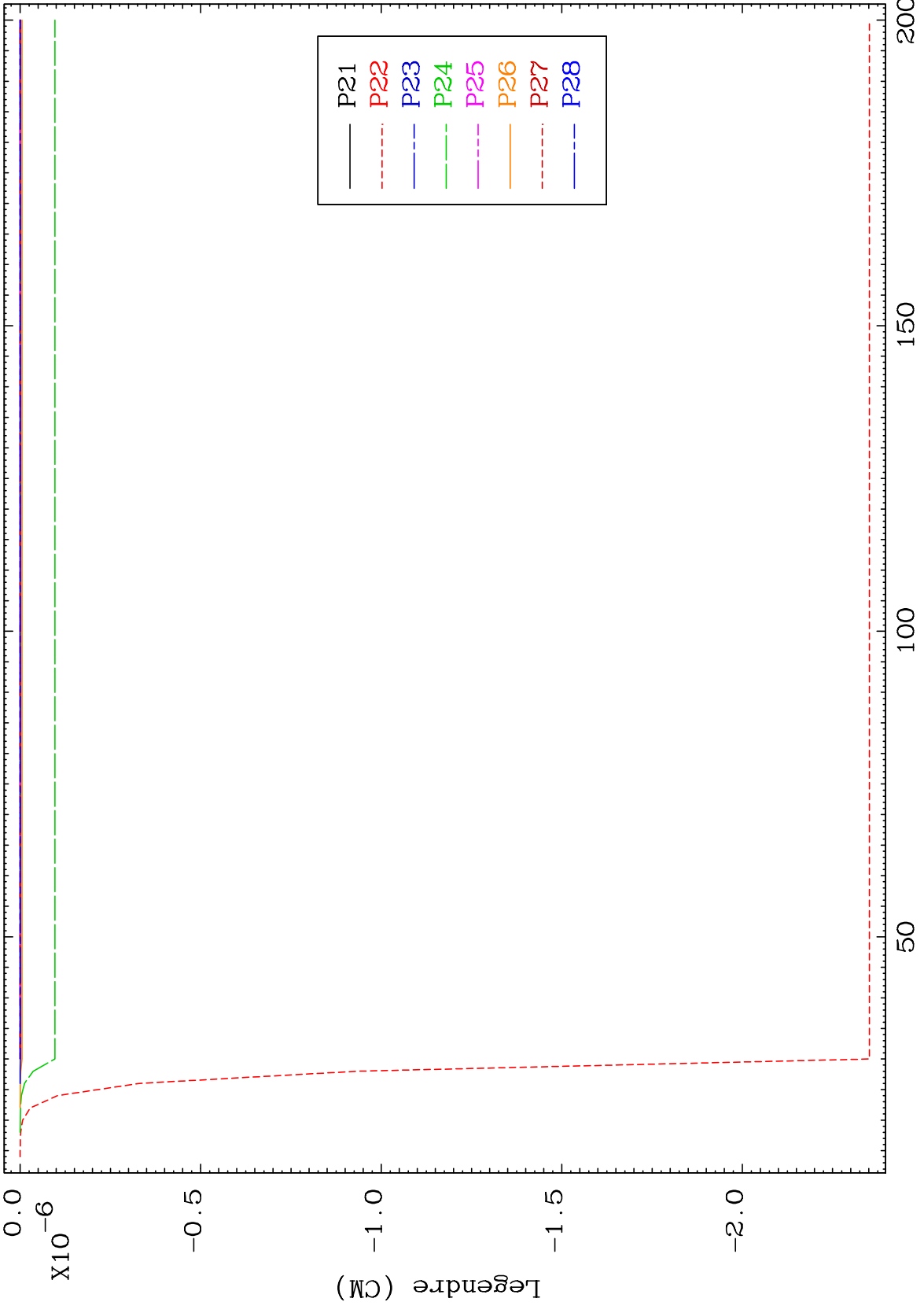
38 Incident Energy (MeV) 75-Re-180

MAT 7510 MT= 56 (n,n') Level Legendre Coefficients 75-Re-180



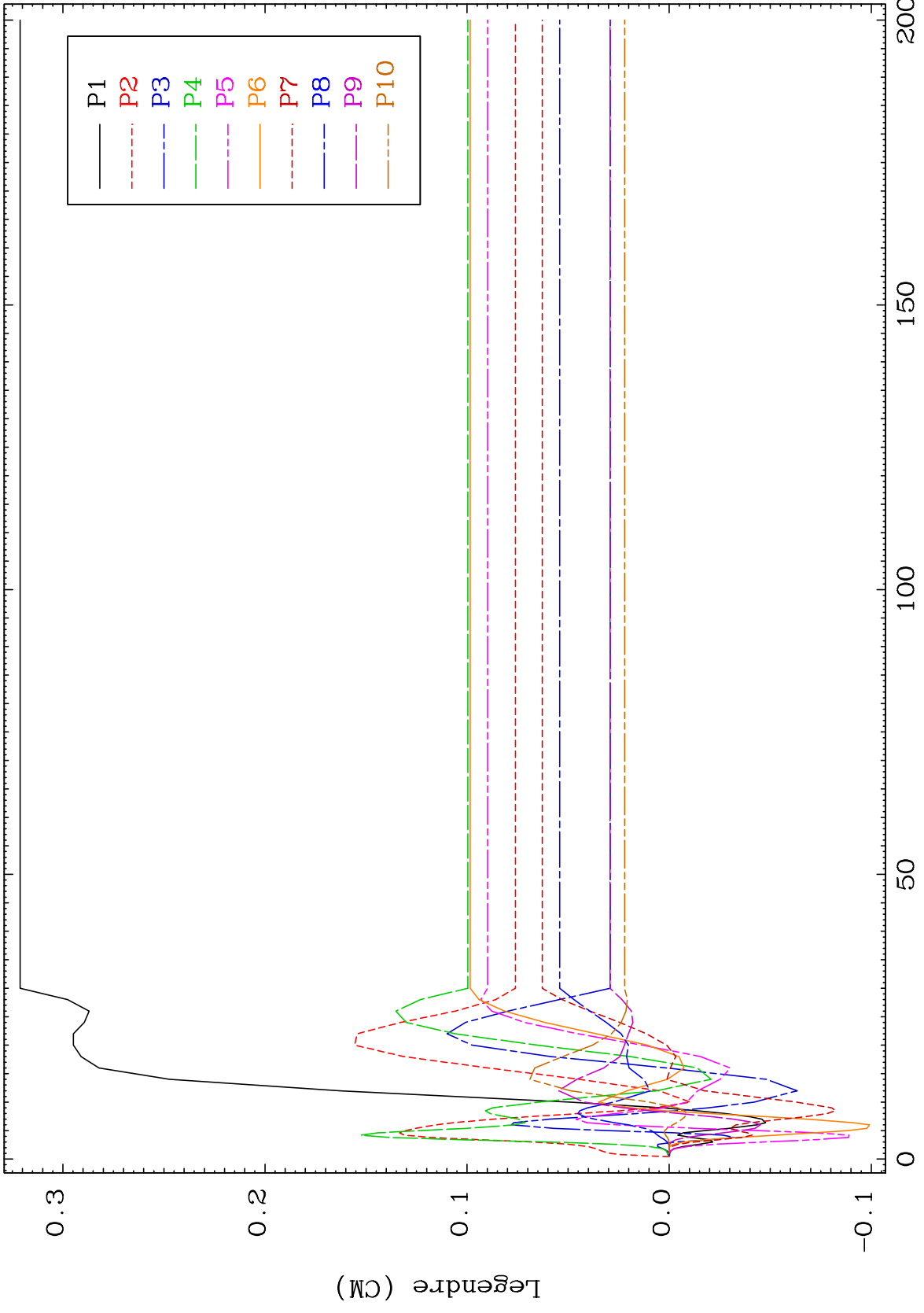
39 75-Re-180

MAT 7510 MT= 56 (n,n') Level Legendre Coefficients 75-Re-180

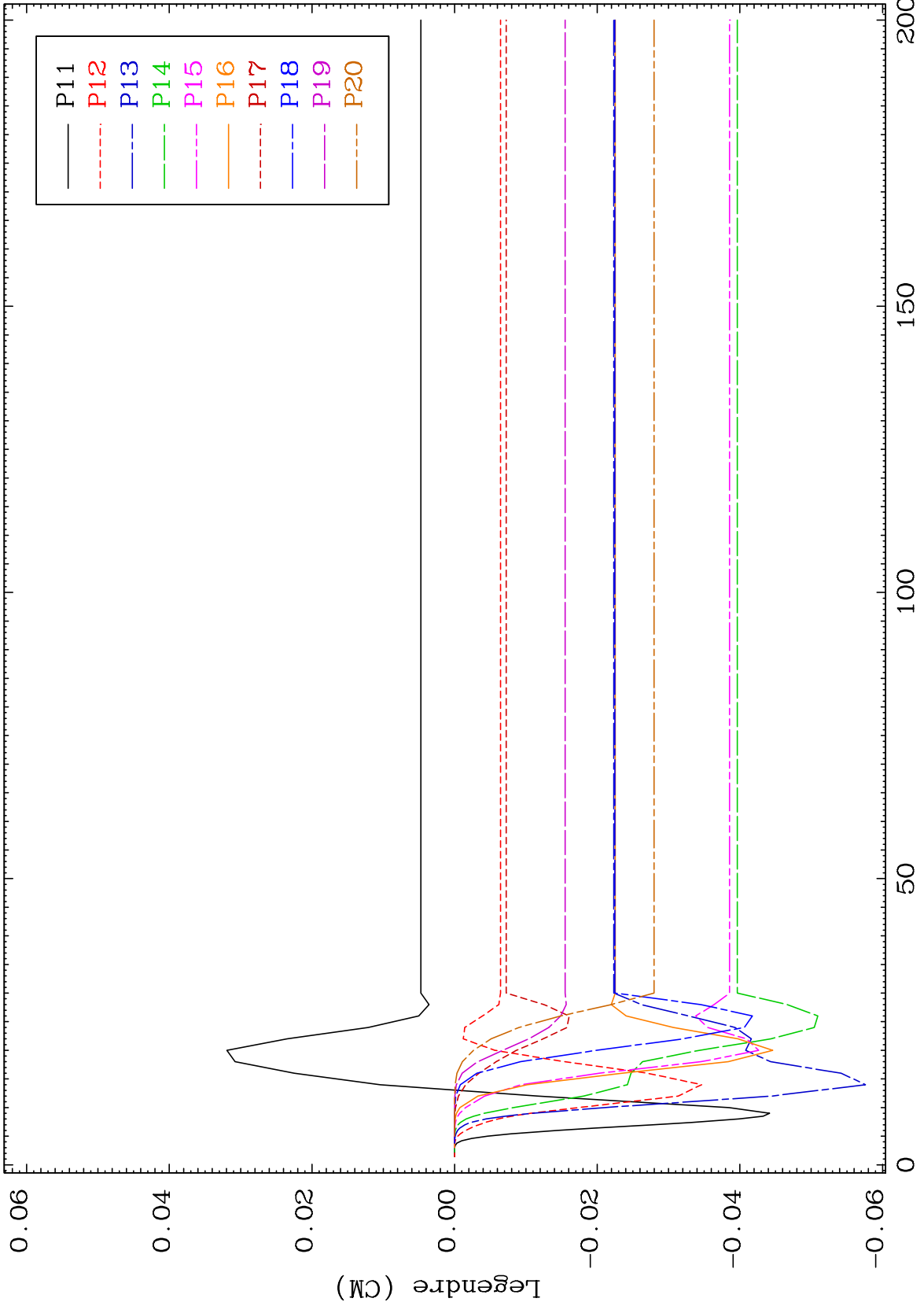


40 Incident Energy (MeV) 75-Re-180

MAT 7510 MT= 57 (n,n') Level Legendre Coefficients 75-Re-180

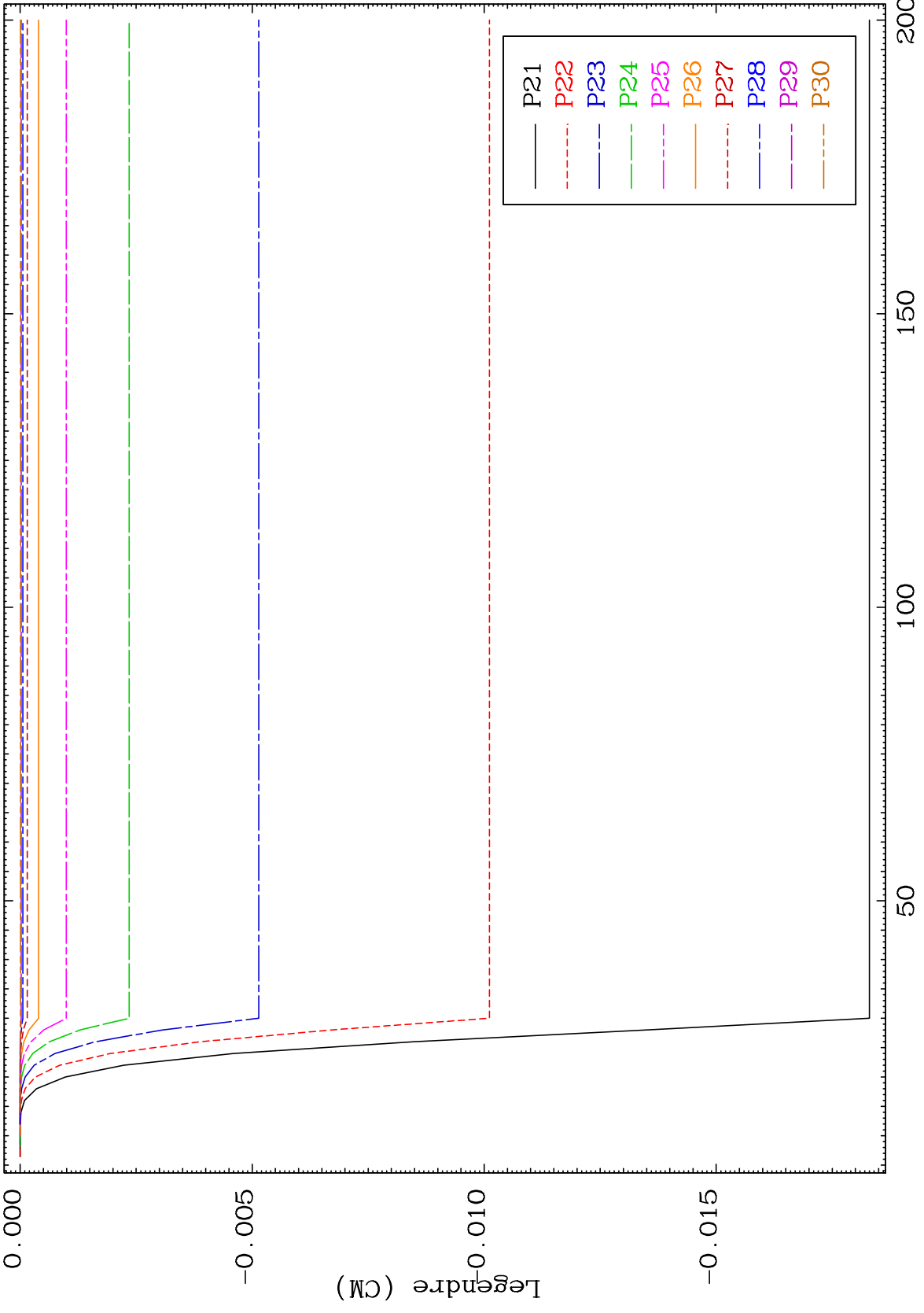


MAT 7510 MT= 57 (n,n') Level Legendre Coefficients 75-Re-180

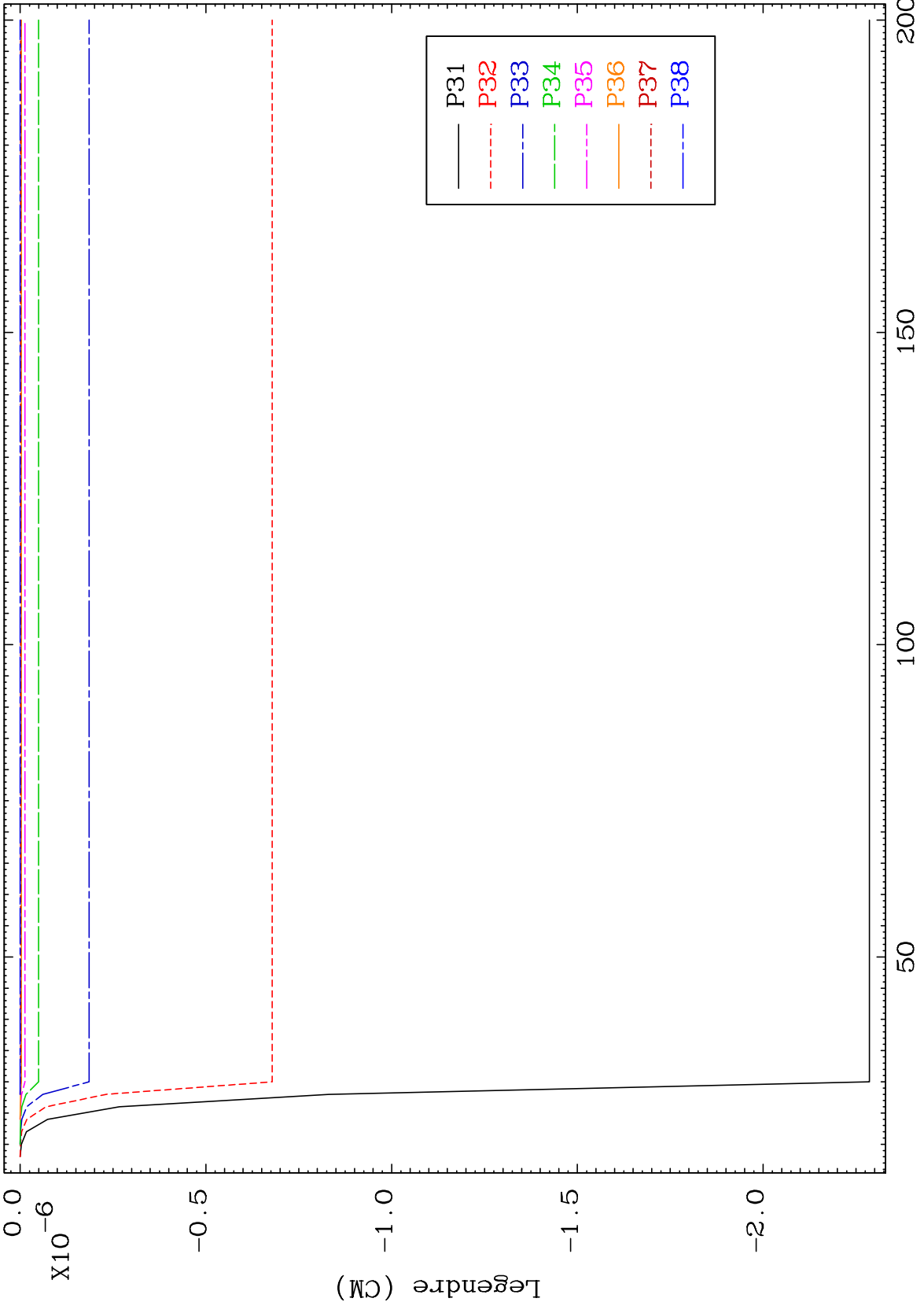


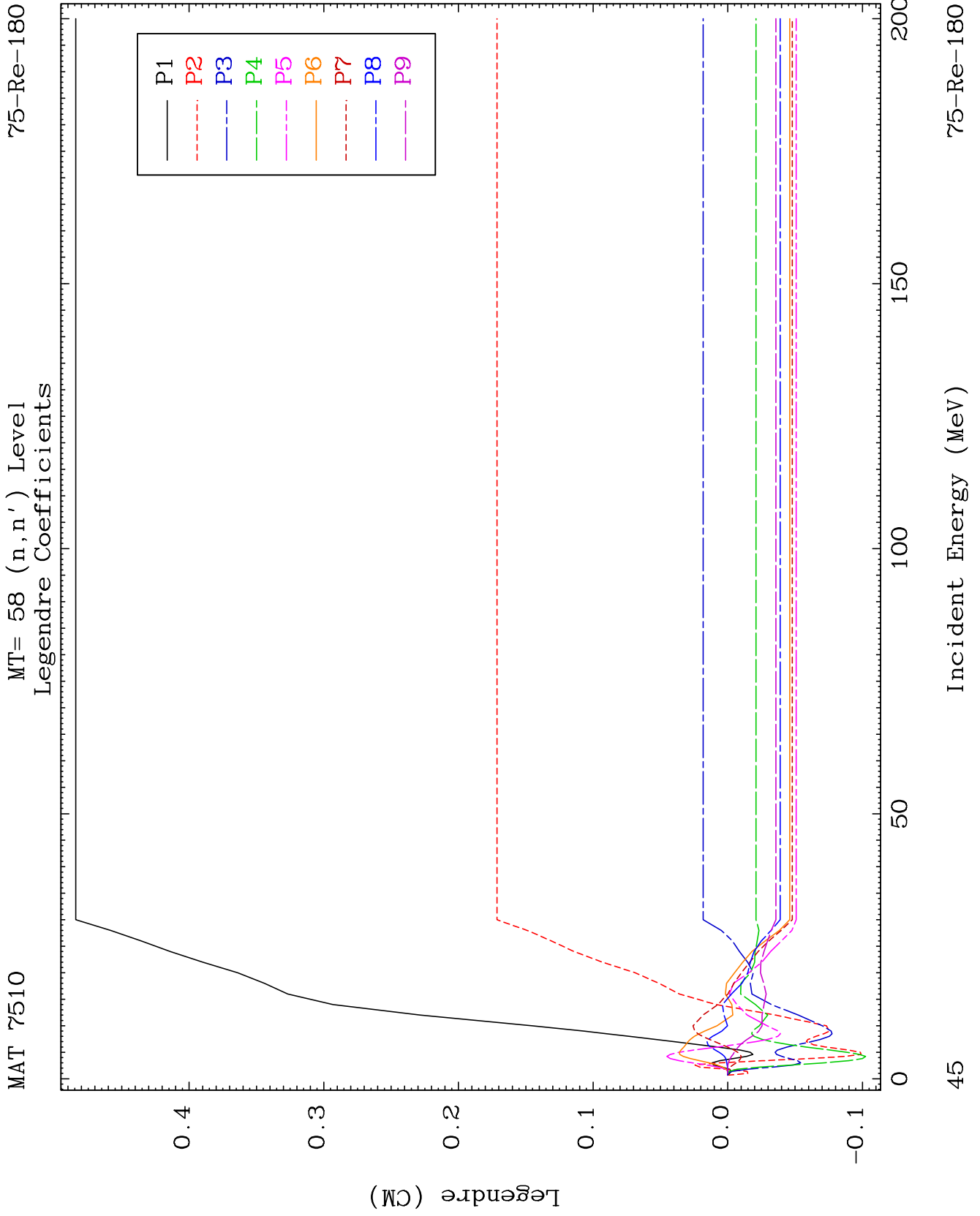
42 75-Re-180

MAT 7510 MT= 57 (n,n') Level Legendre Coefficients 75-Re-180



MAT 7510 MT= 57 (n,n') Level Legendre Coefficients 75-Re-180

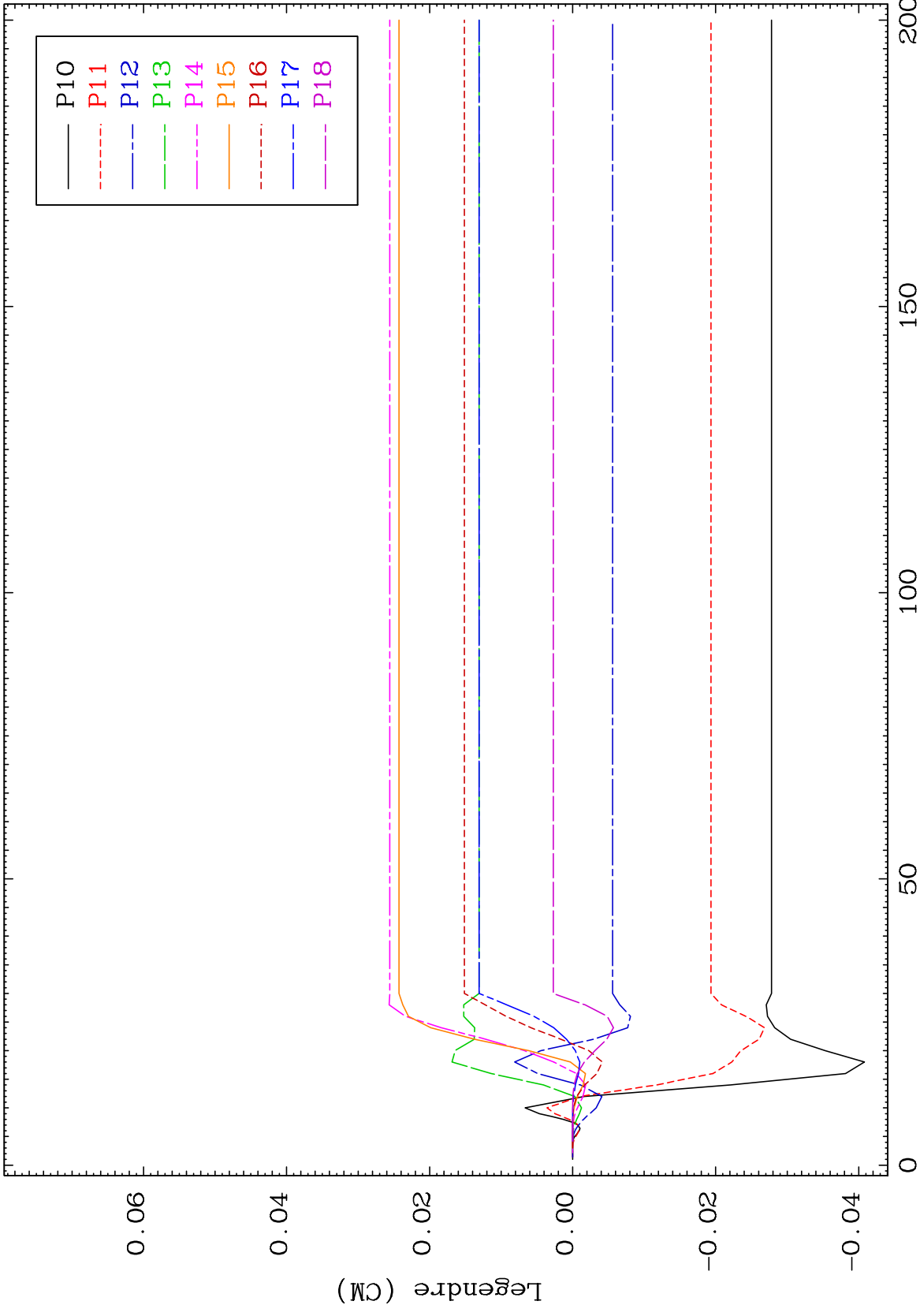




MAT 7510

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

75-Re-180



46

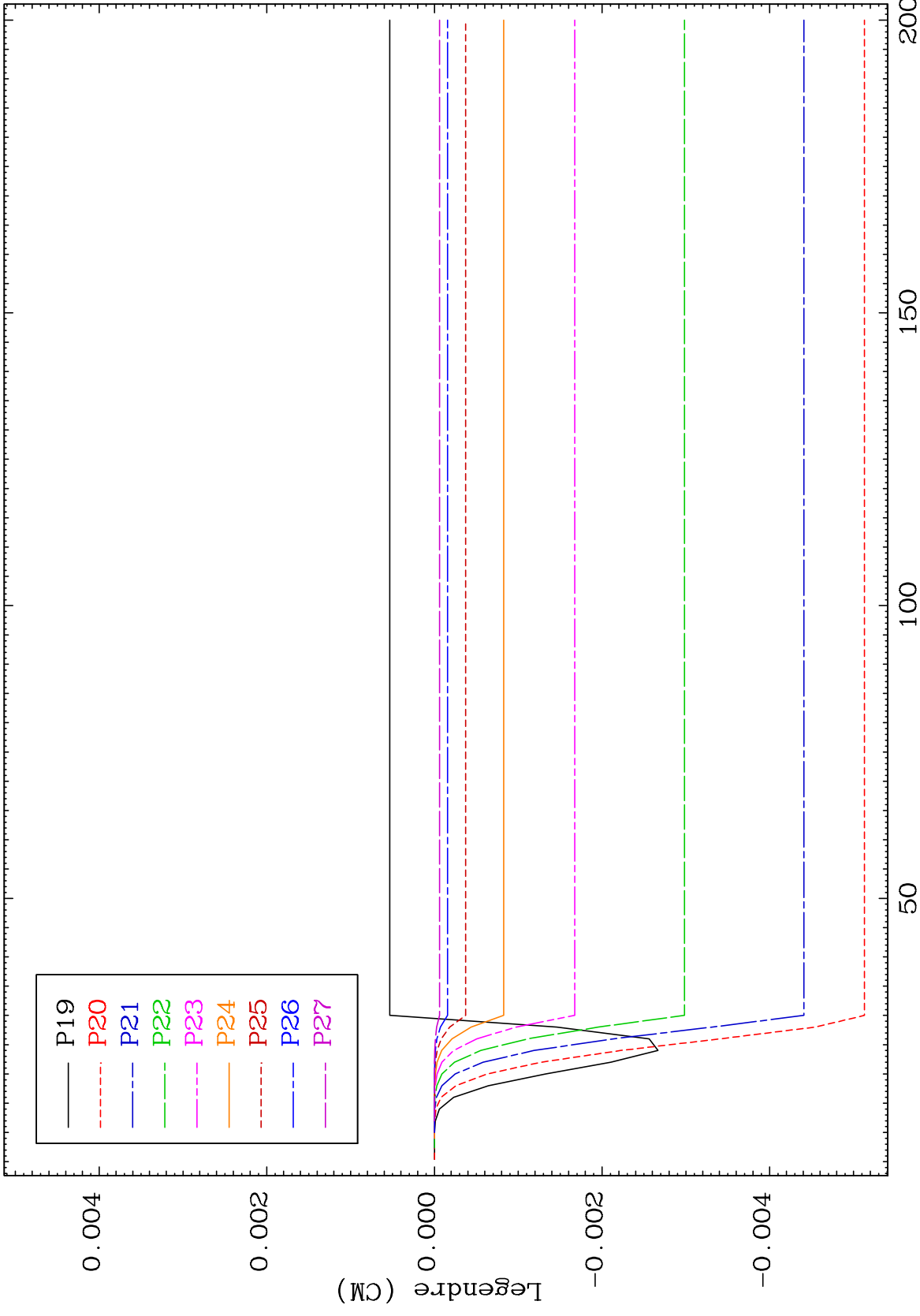
Incident Energy (MeV)

75-Re-180

MAT 7510

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

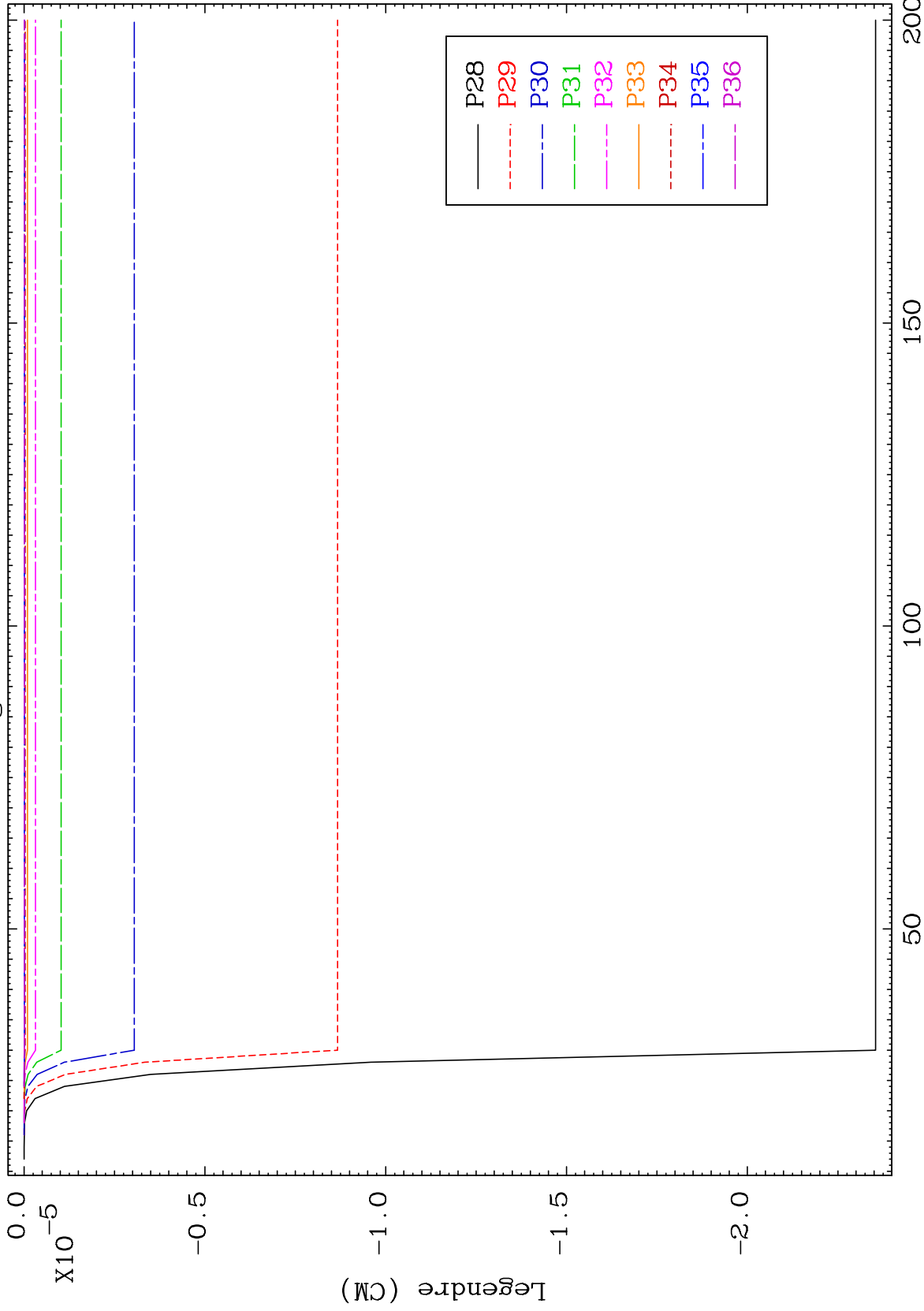
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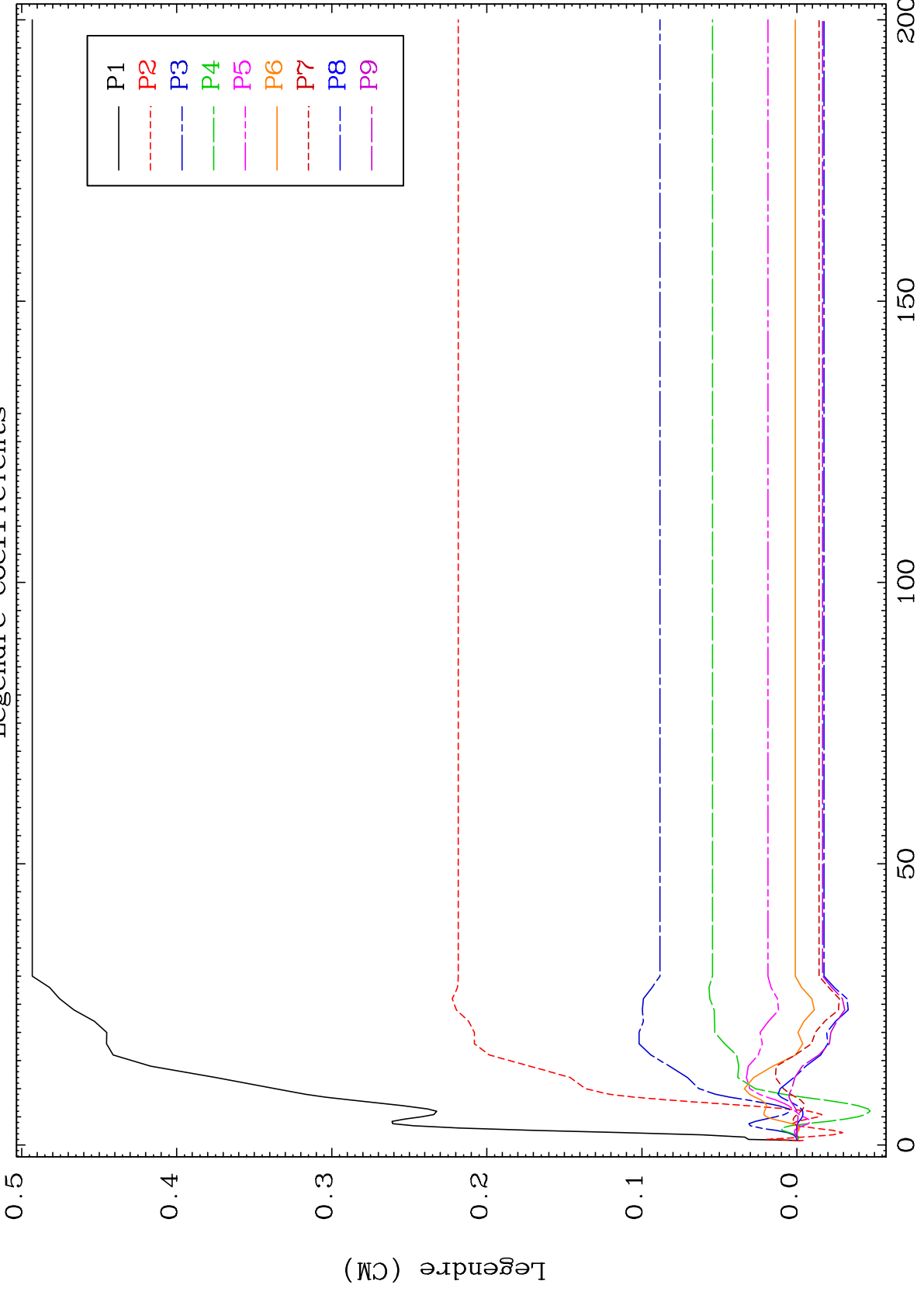
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MAT 7510 MT= 58 (n,n') Level 75-Re-180

Legendre Coefficients

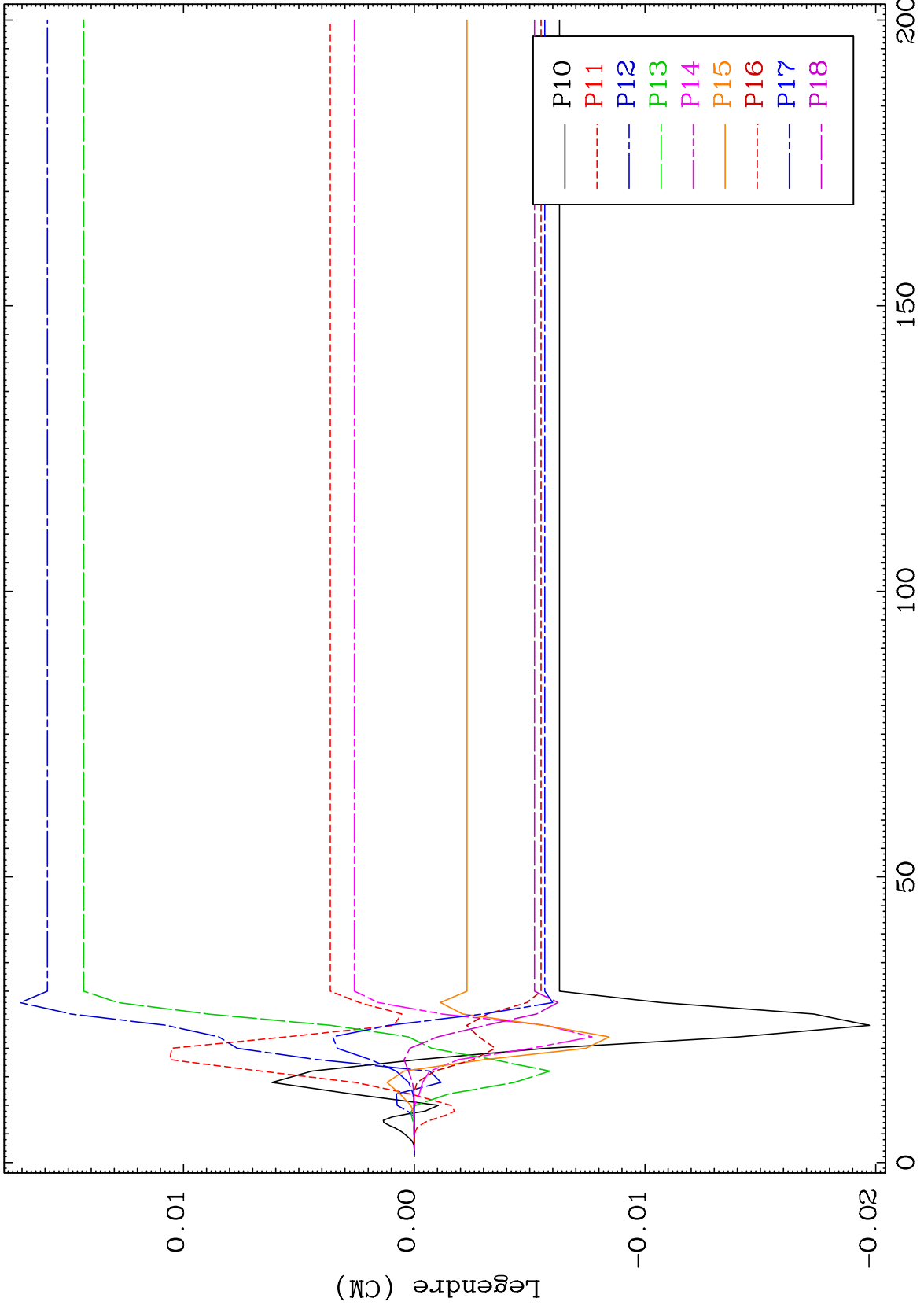


MAT 7510 MT= 59 (n,n') Level Legendre Coefficients 75-Re-180



49 75-Re-180

MAT 7510 MT= 59 (n,n') Level Legendre Coefficients 75-Re-180

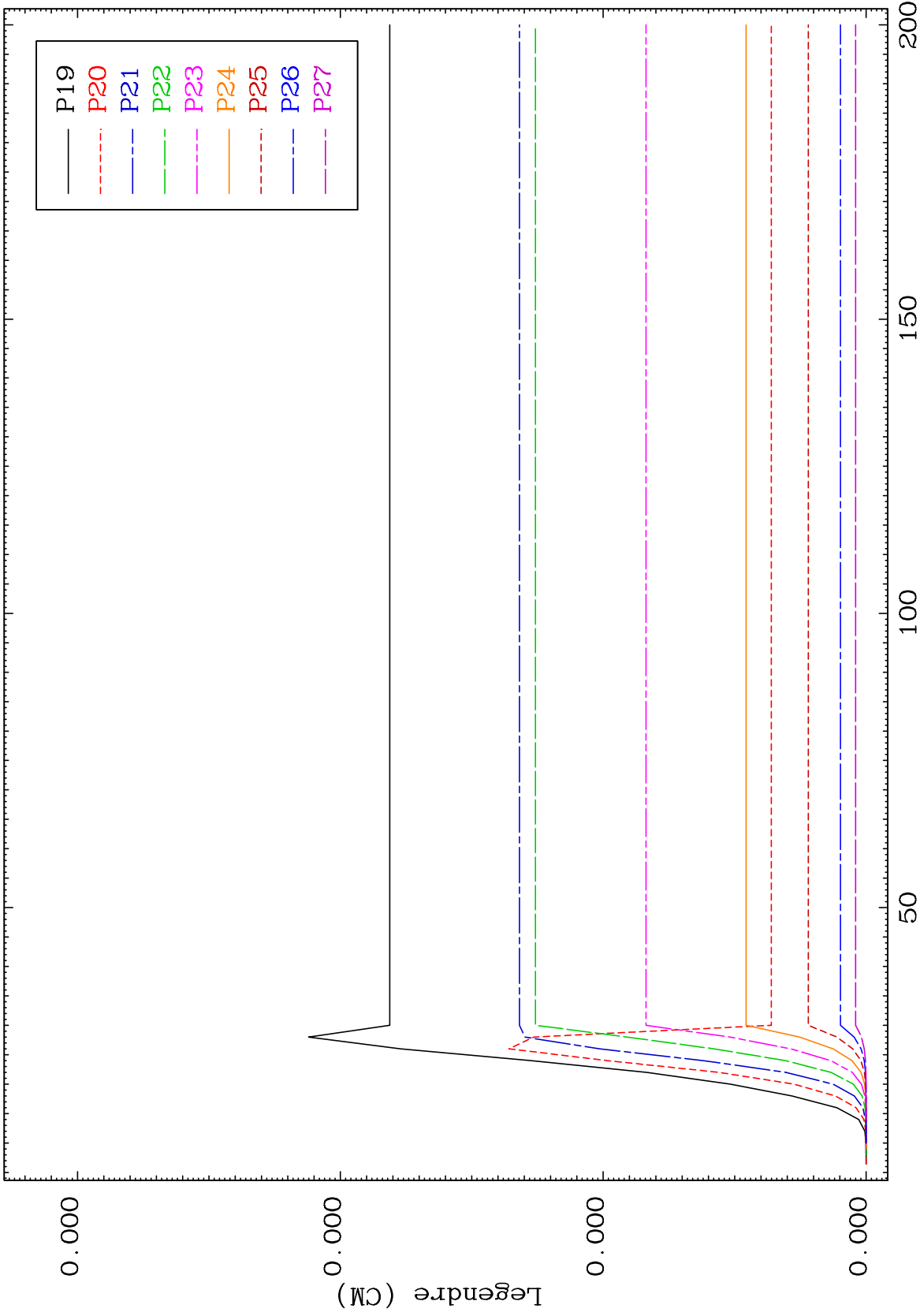


Incident Energy (MeV) 75-Re-180

MAT 7510

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

75-Re-180

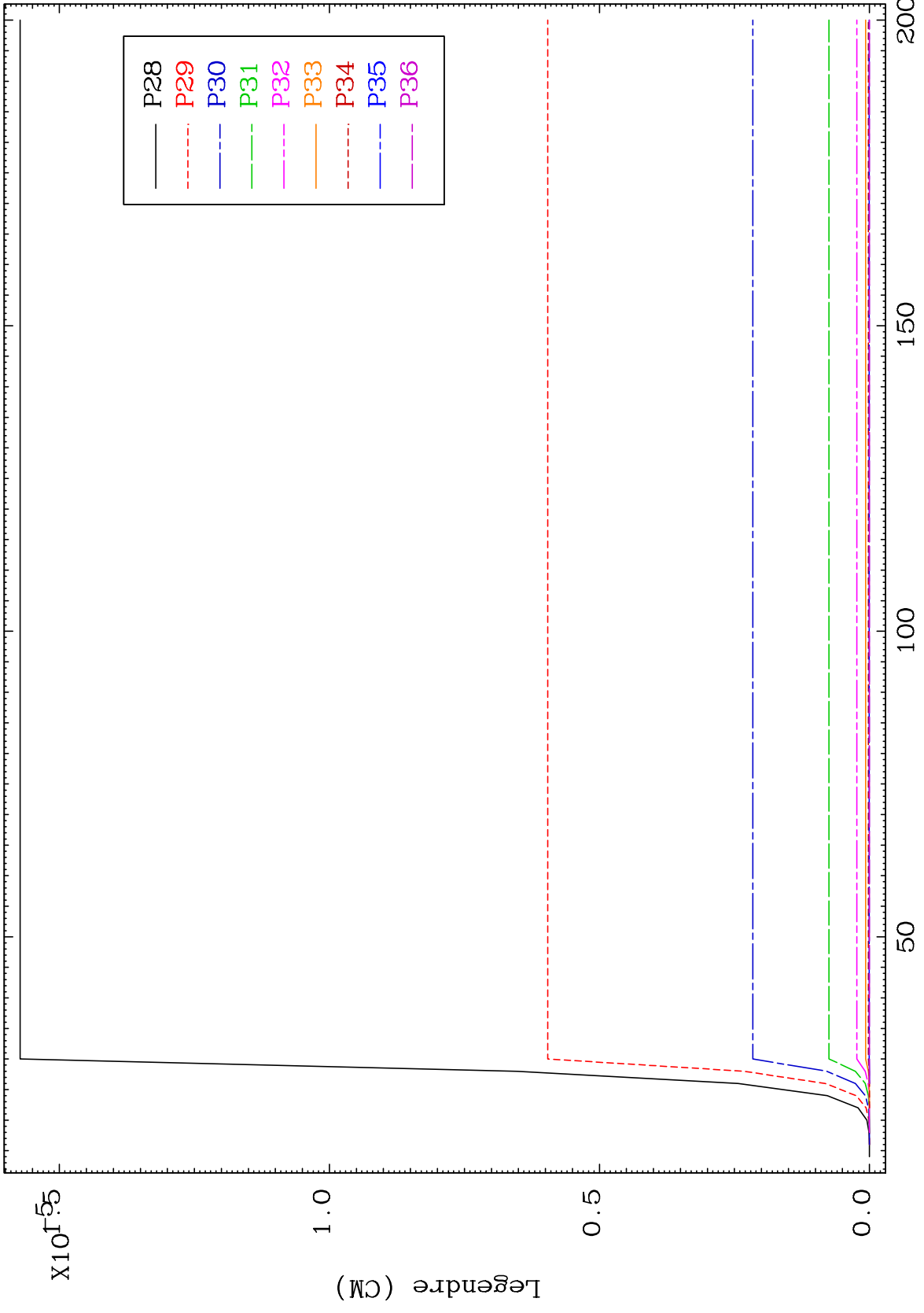


51

Incident Energy (MeV)

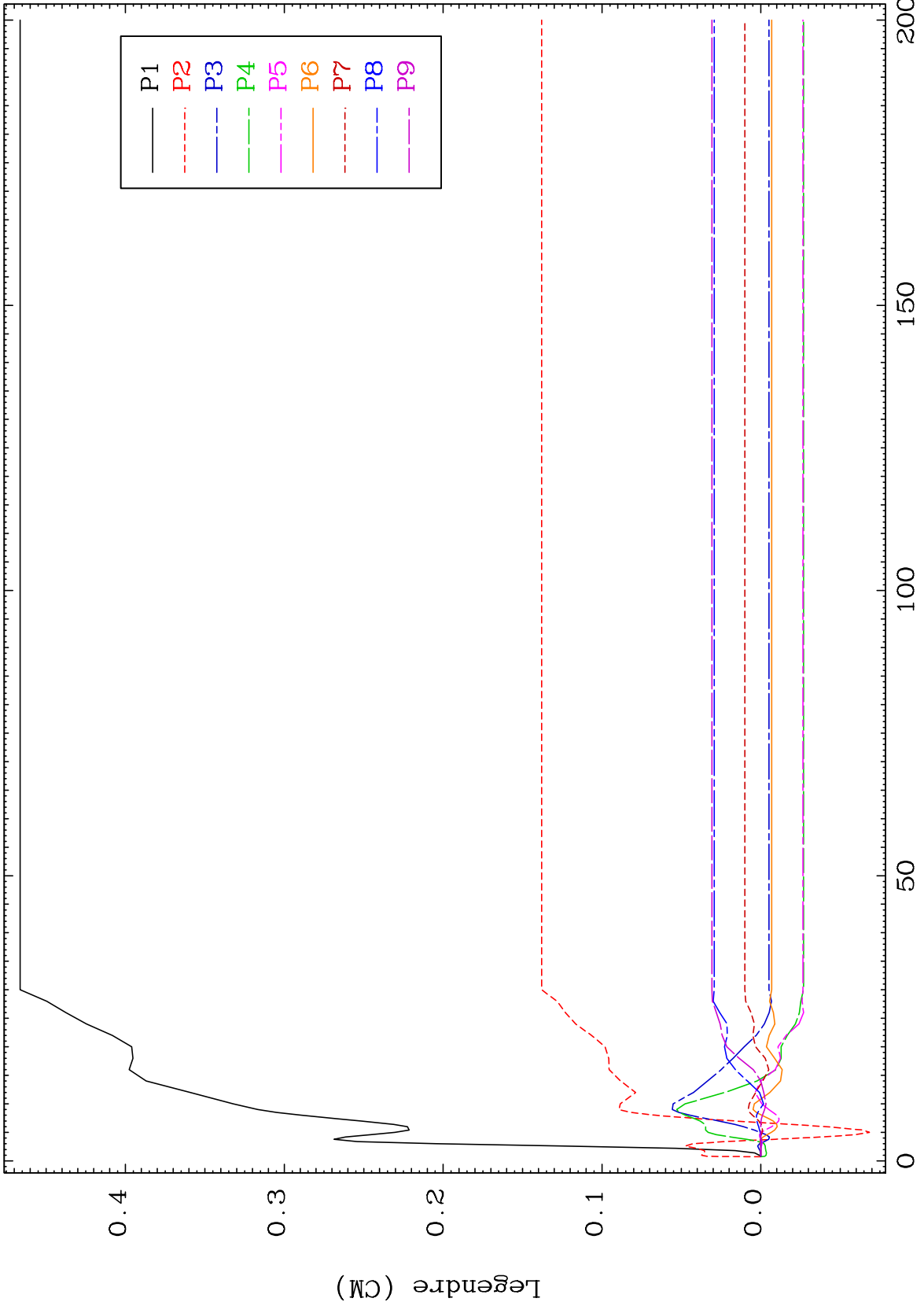
75-Re-180

MAT 7510 MT= 59 (n,n') Level Legendre Coefficients 75-Re-180



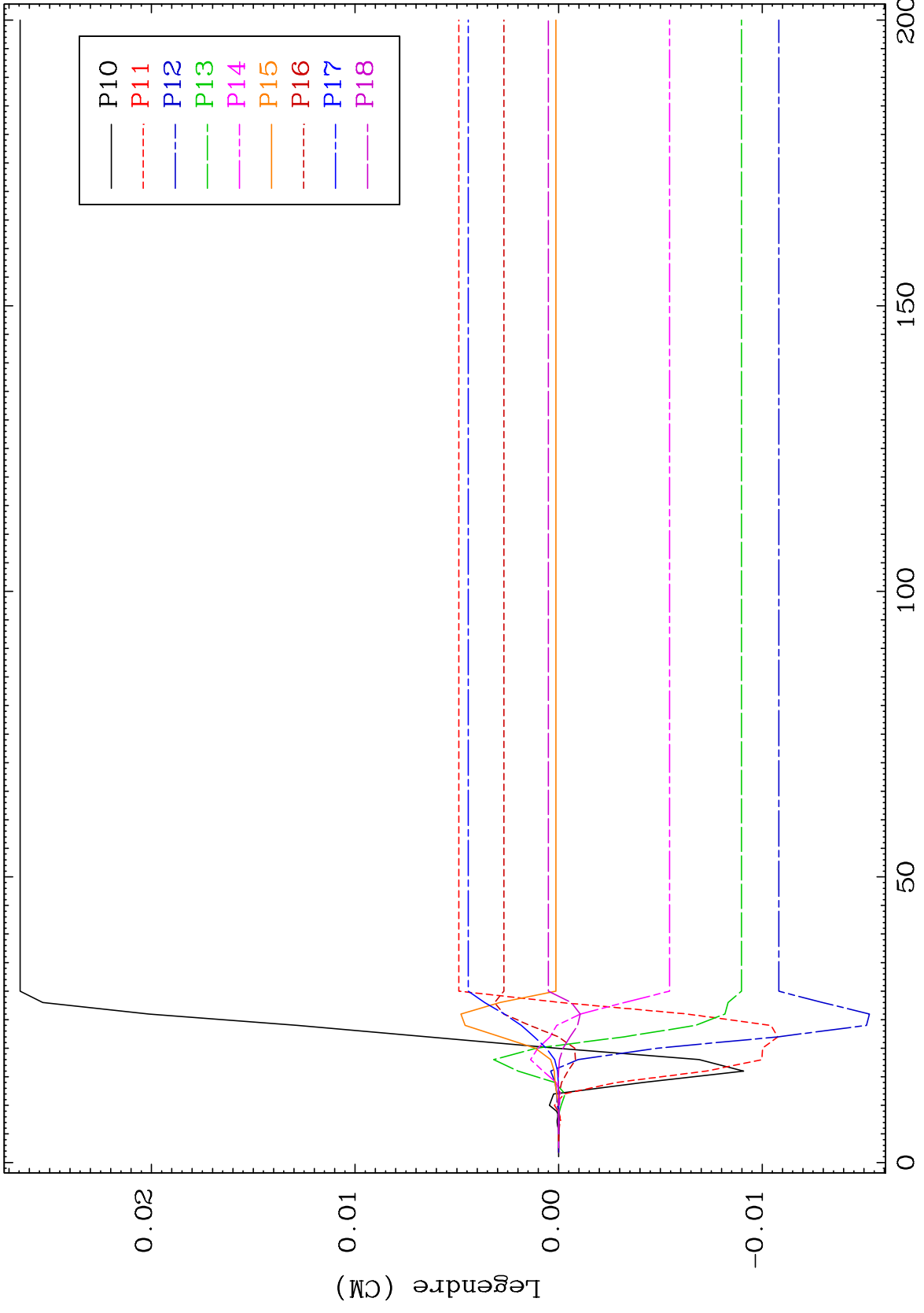
52 Incident Energy (MeV) 75-Re-180

MAT 7510 MT= 60 (n,n') Level Legendre Coefficients 75-Re-180



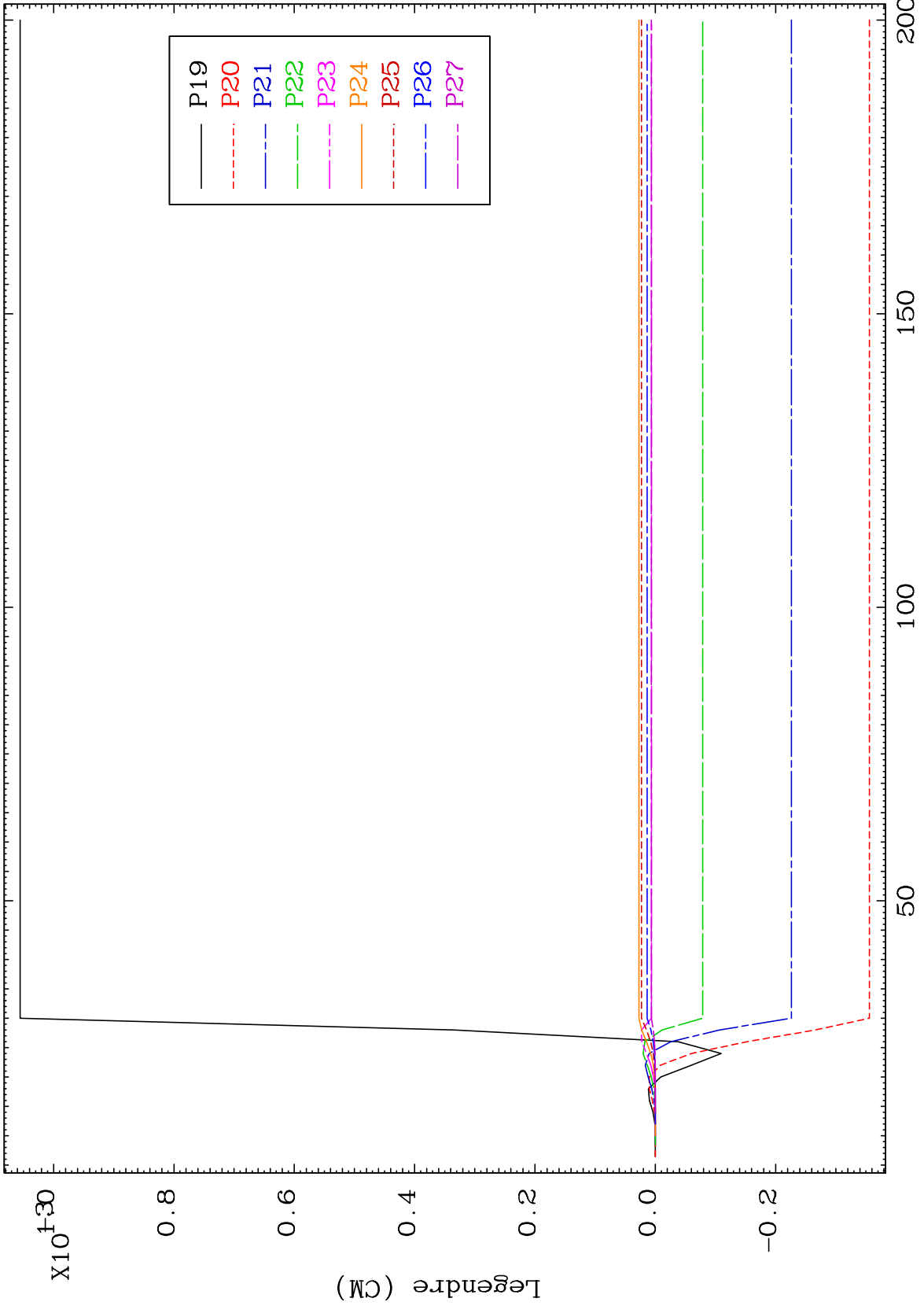
53 75-Re-180

MAT 7510 MT= 60 (n,n') Level Legendre Coefficients 75-Re-180



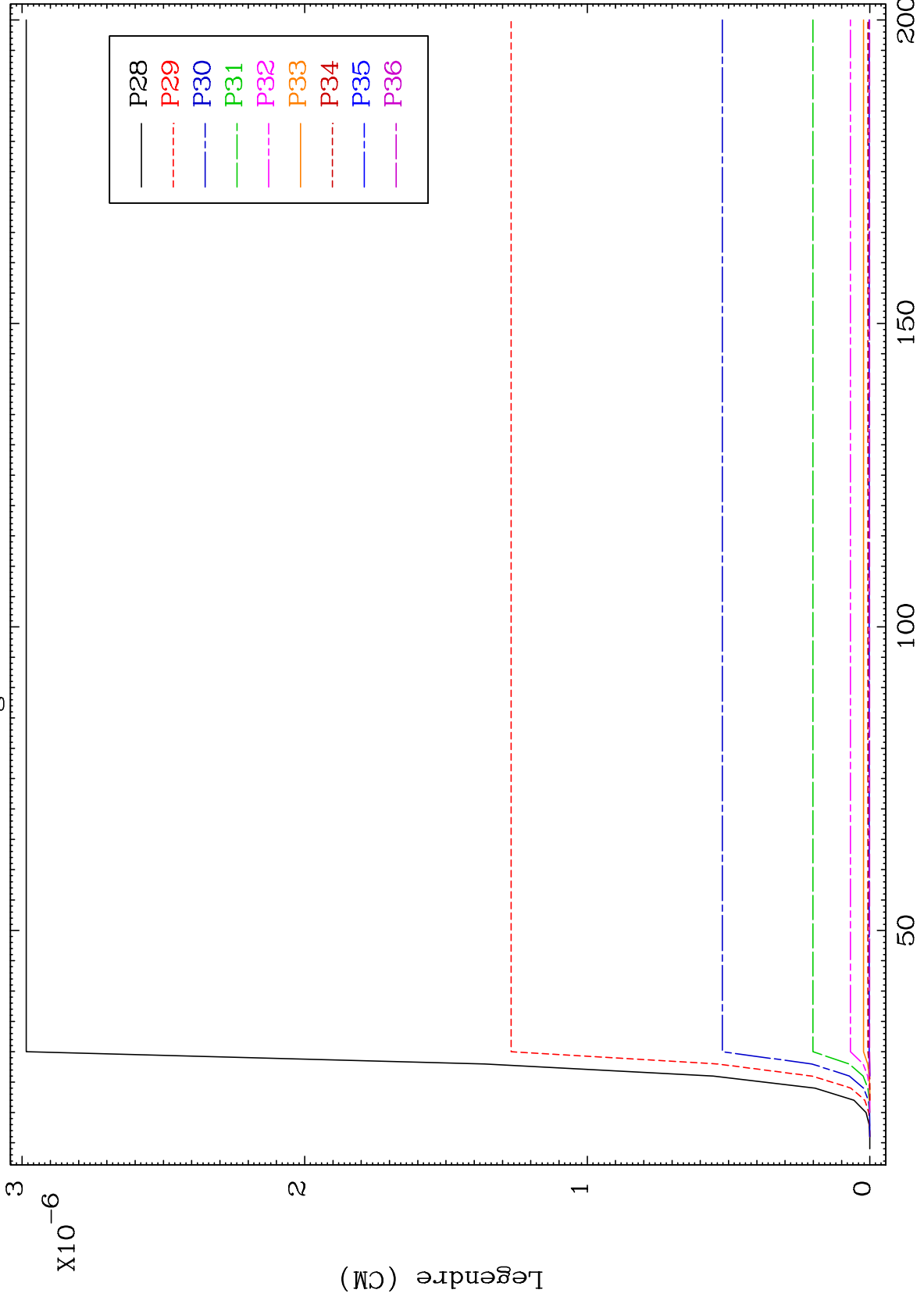
54 75-Re-180

MAT 7510 MT= 60 (n,n') Level Legendre Coefficients 75-Re-180



55 Incident Energy (MeV) 75-Re-180

MAT 7510 MT= 60 (n,n') Level Legendre Coefficients 75-Re-180

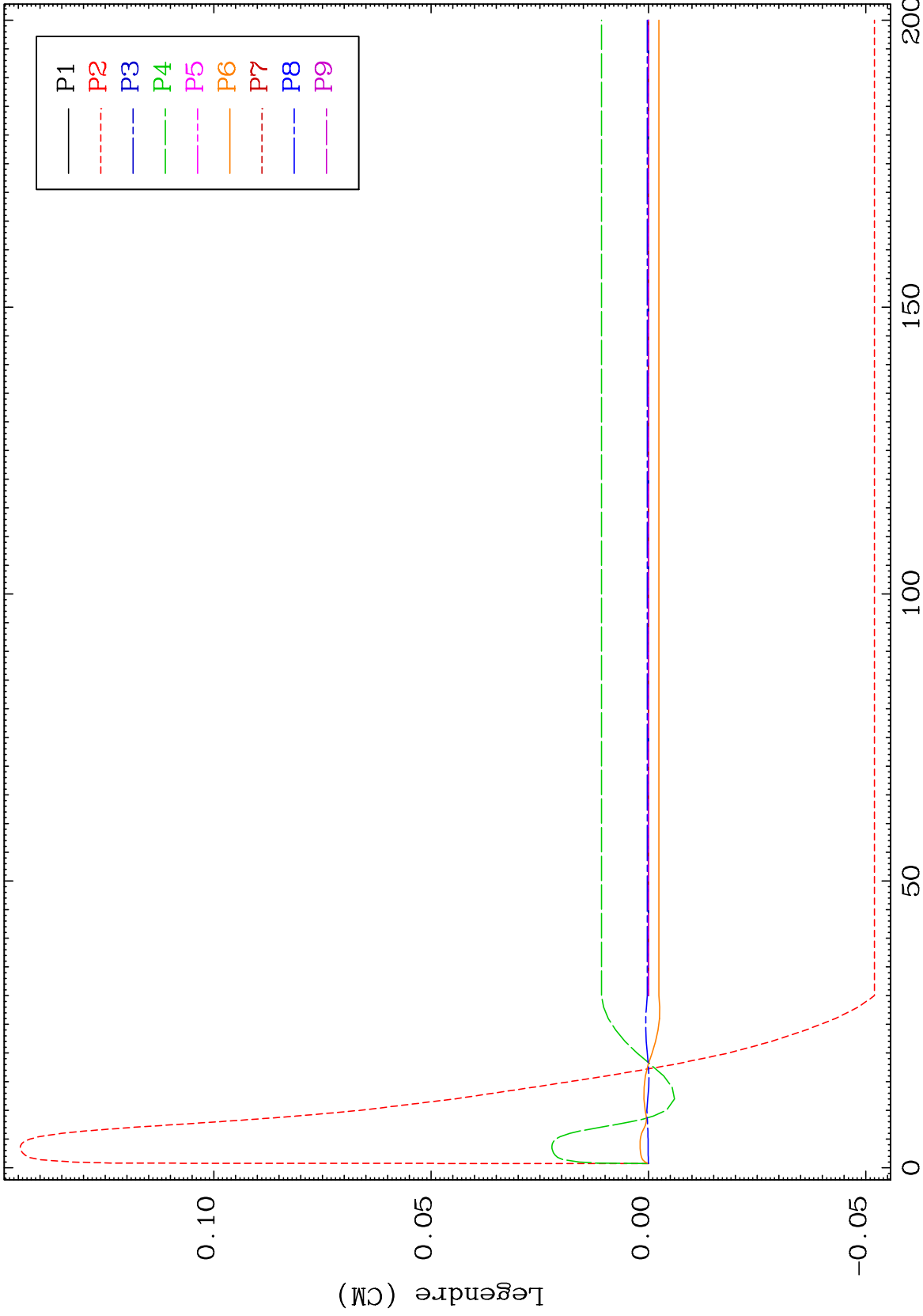


56 Incident Energy (MeV) 75-Re-180

MAT 7510

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

75-Re-180



57

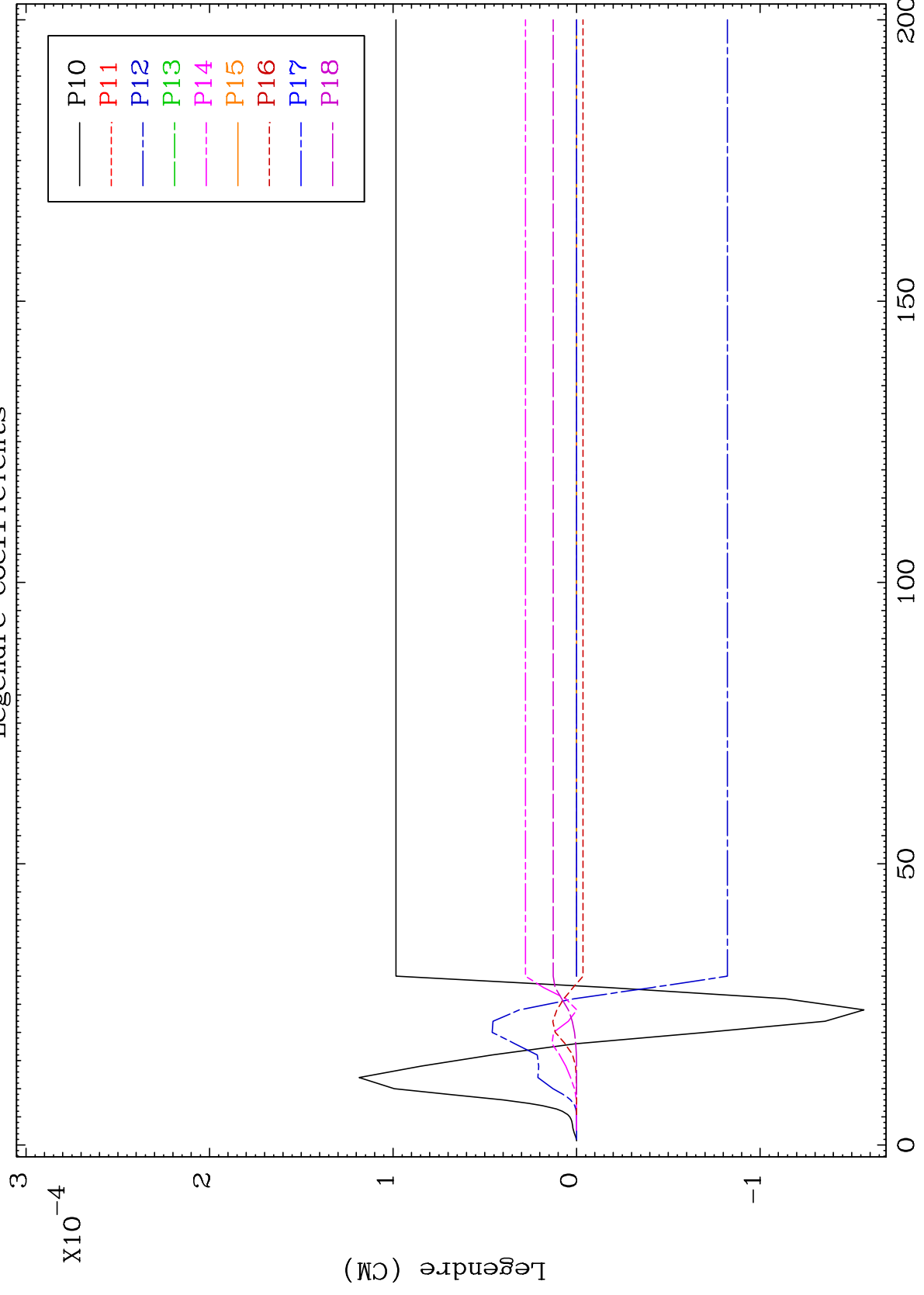
Incident Energy (MeV)

75-Re-180

MAT 7510

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

75-Re-180

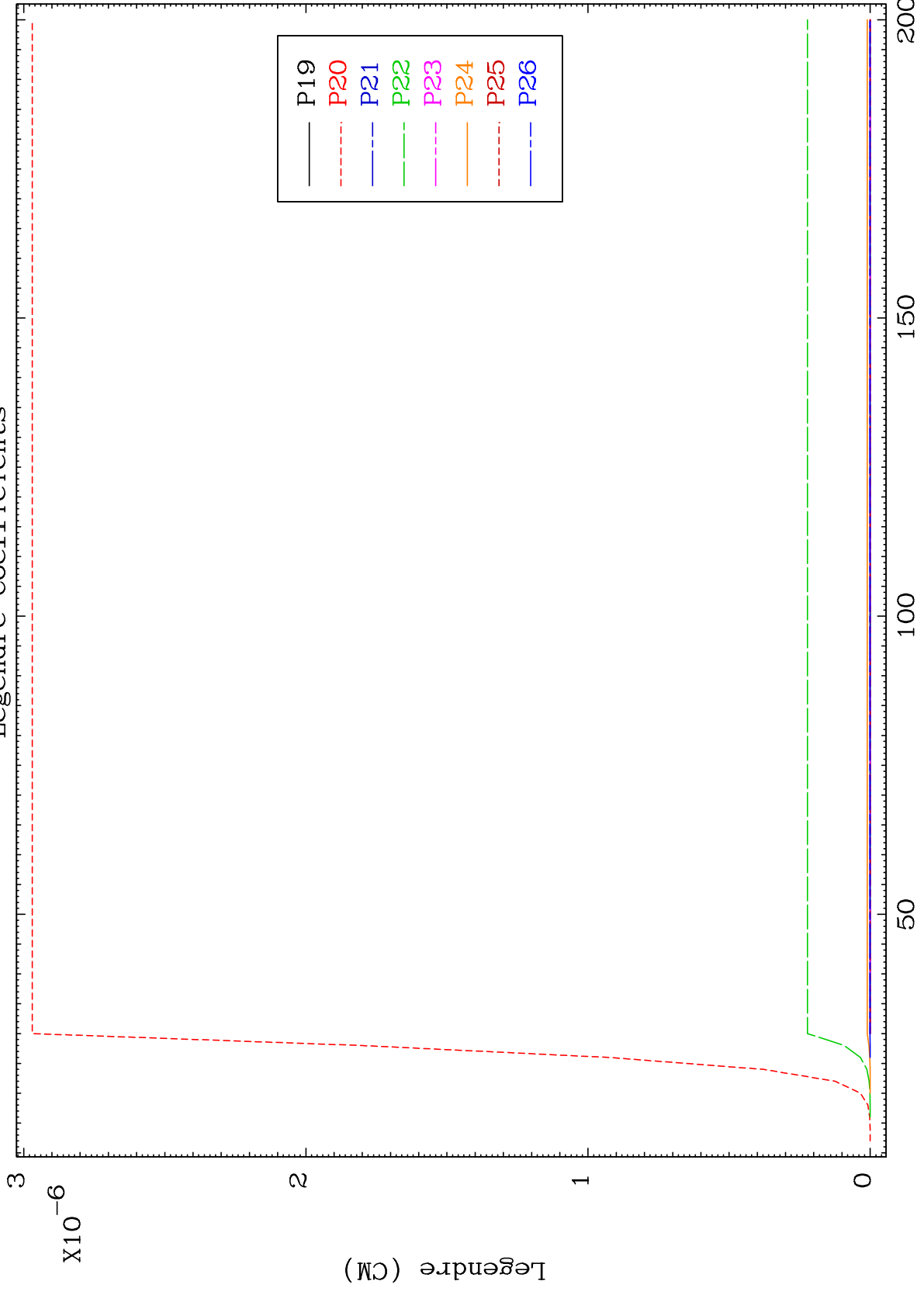


58

Incident Energy (MeV)

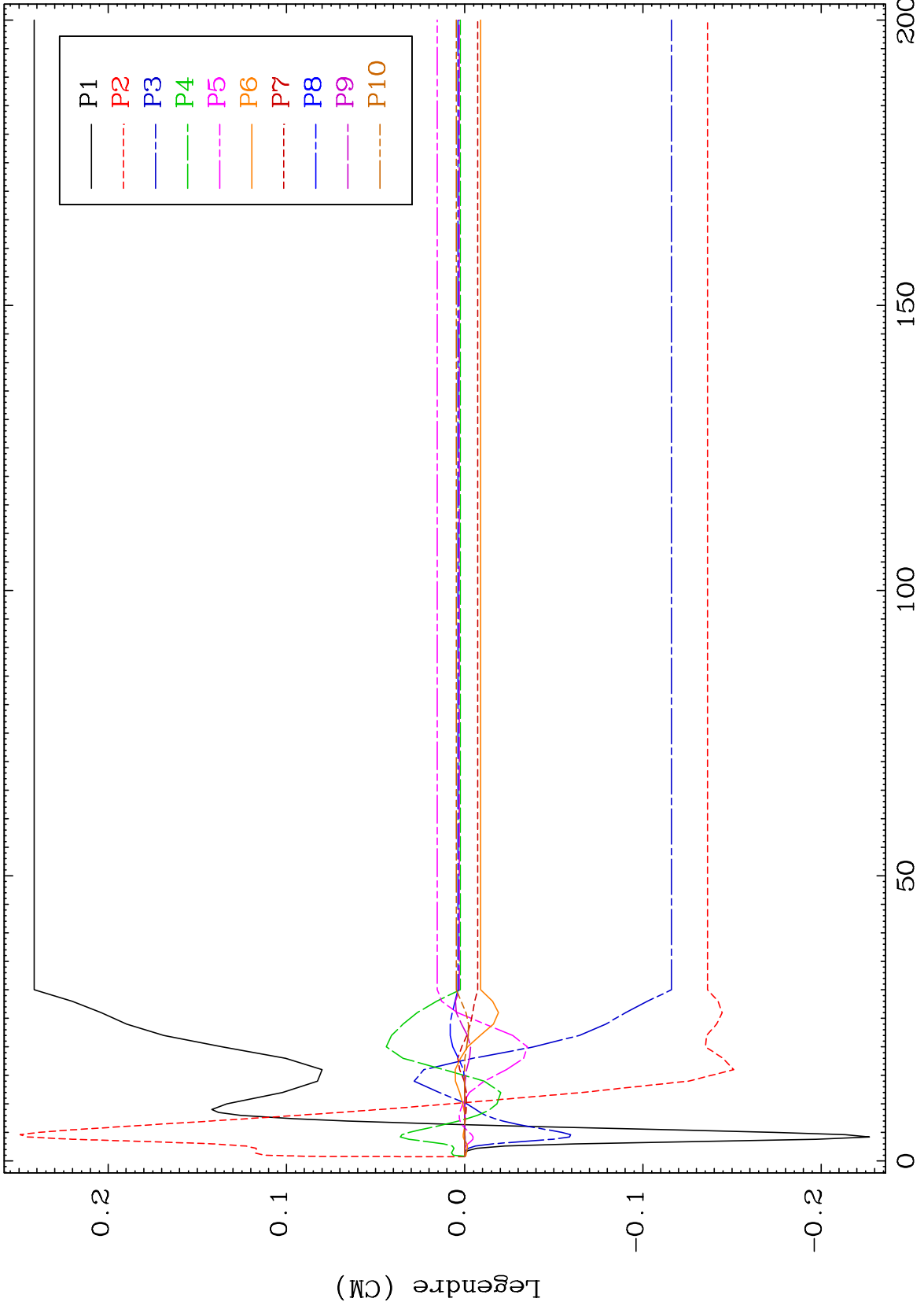
75-Re-180

MAT 7510 MT= 61 (n,n') Level Legendre Coefficients 75-Re-180



59 Incident Energy (MeV) 75-Re-180

MAT 7510 MT= 62 (n,n') Level Legendre Coefficients 75-Re-180

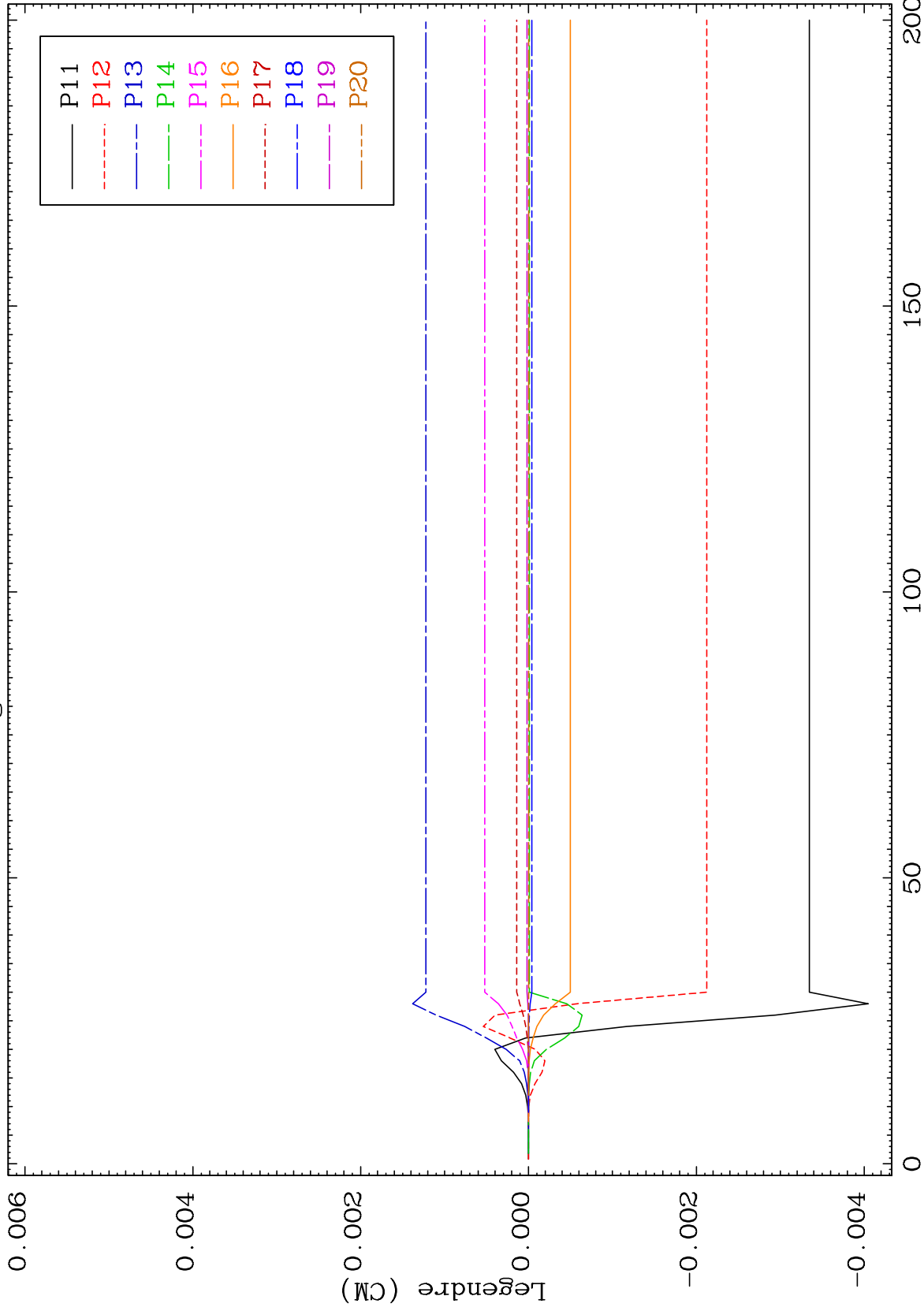


75-Re-180

MAT 7510

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

75-Re-180

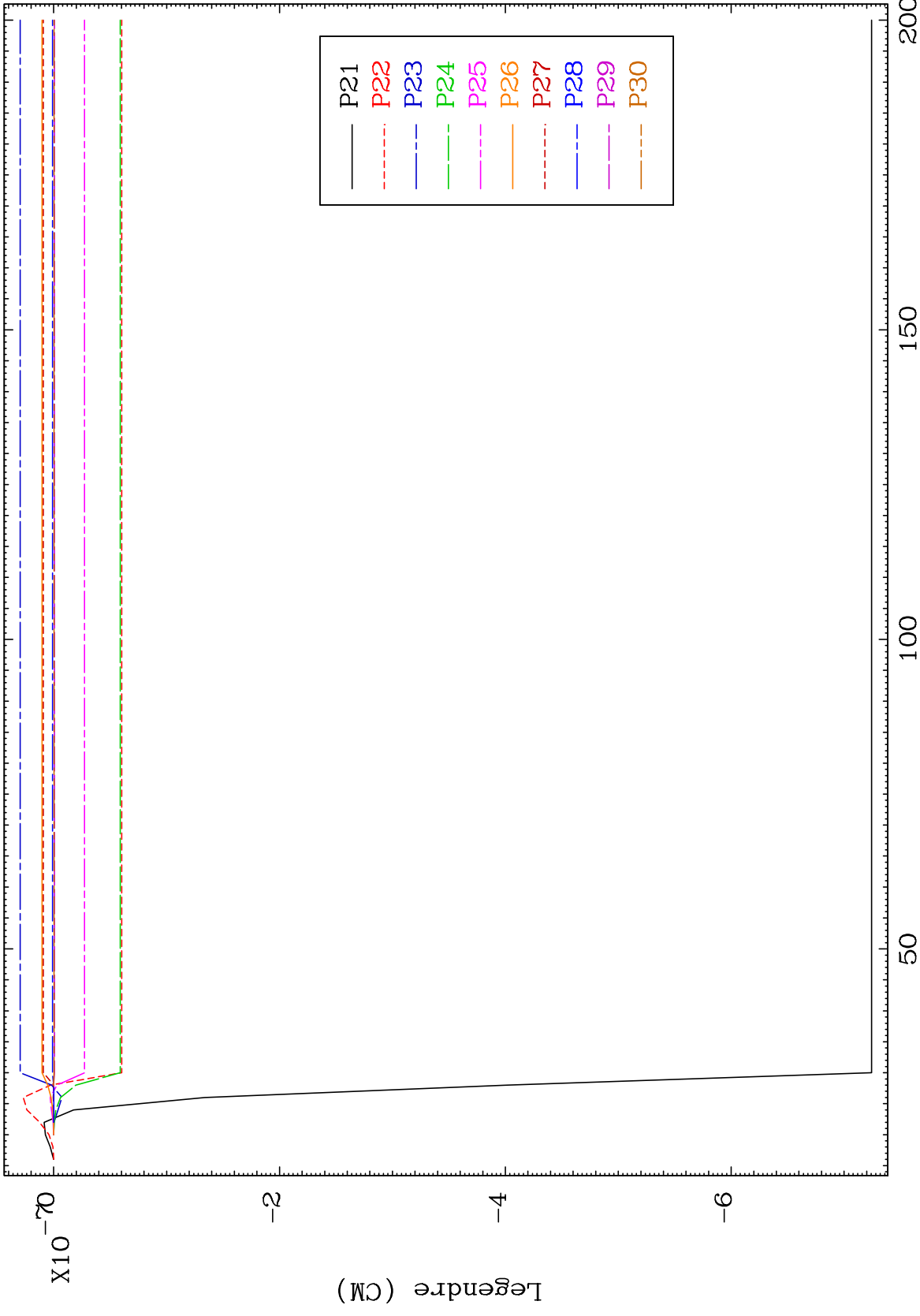


61

Incident Energy (MeV)

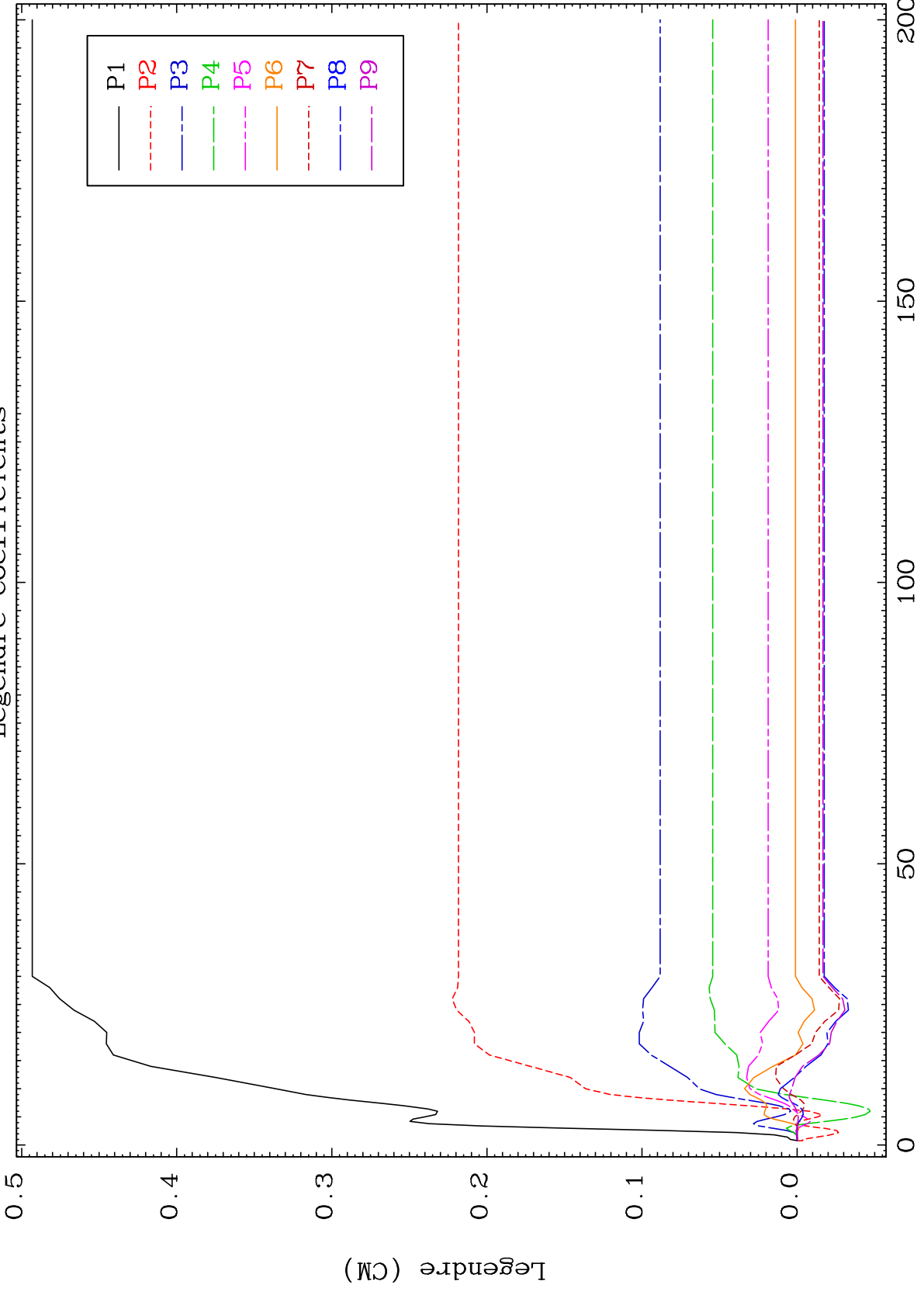
75-Re-180

MAT 7510 MT= 62 (n,n') Level Legendre Coefficients 75-Re-180



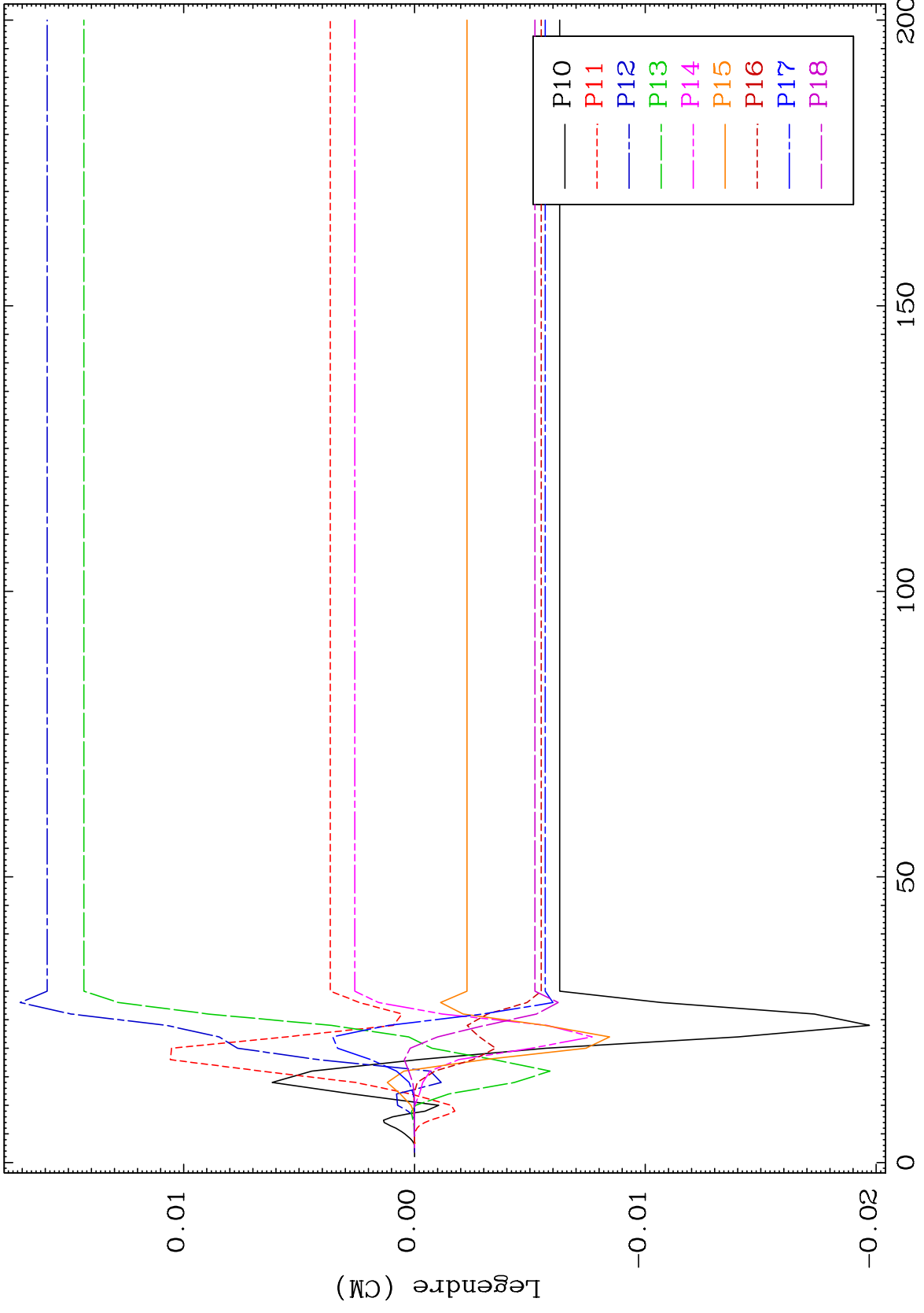
62 75-Re-180

MAT 7510 MT= 63 (n,n') Level Legendre Coefficients 75-Re-180



63 75-Re-180

MAT 7510 MT= 63 (n,n') Level Legendre Coefficients 75-Re-180

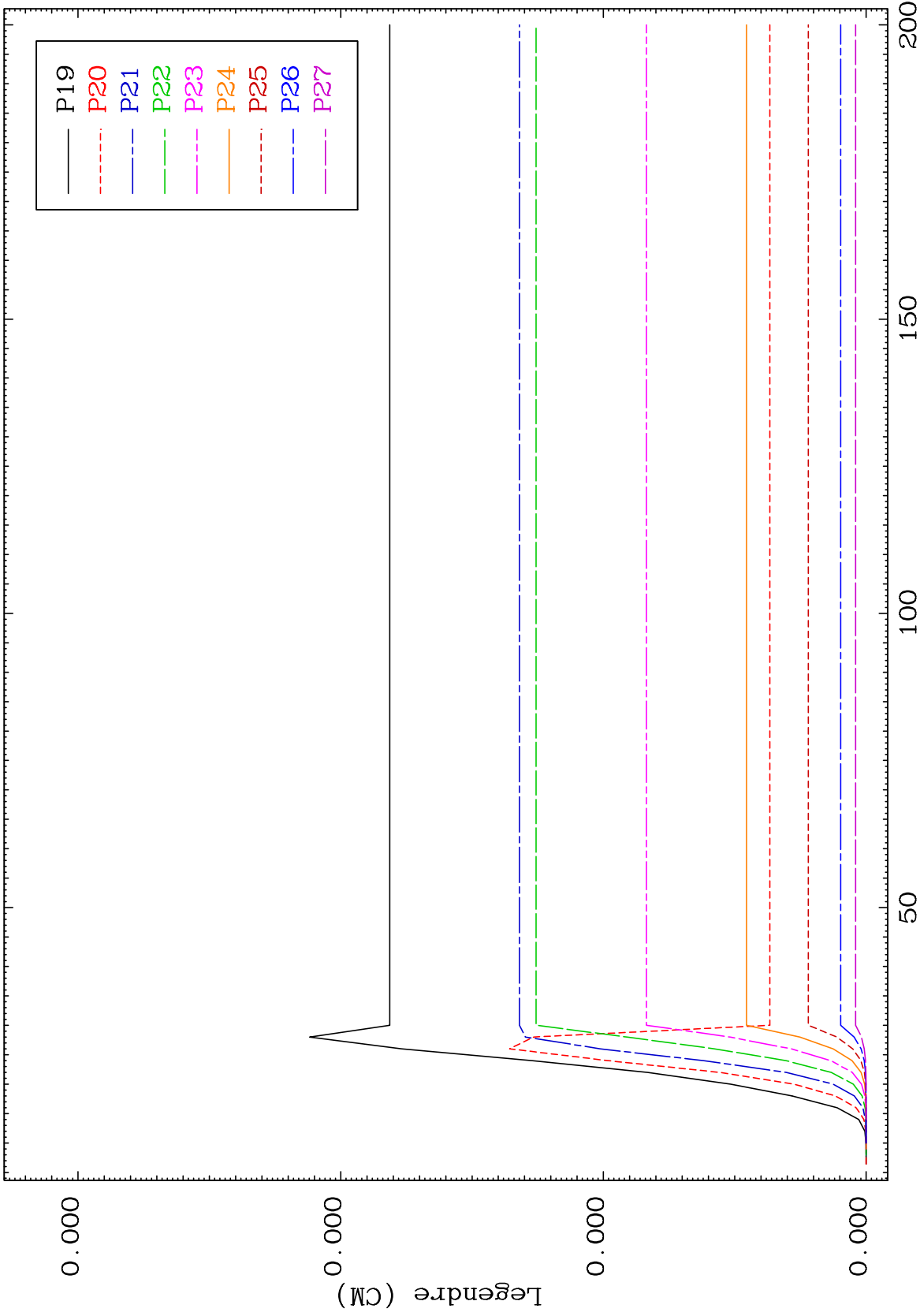


64 75-Re-180

MAT 7510

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

75-Re-180



65

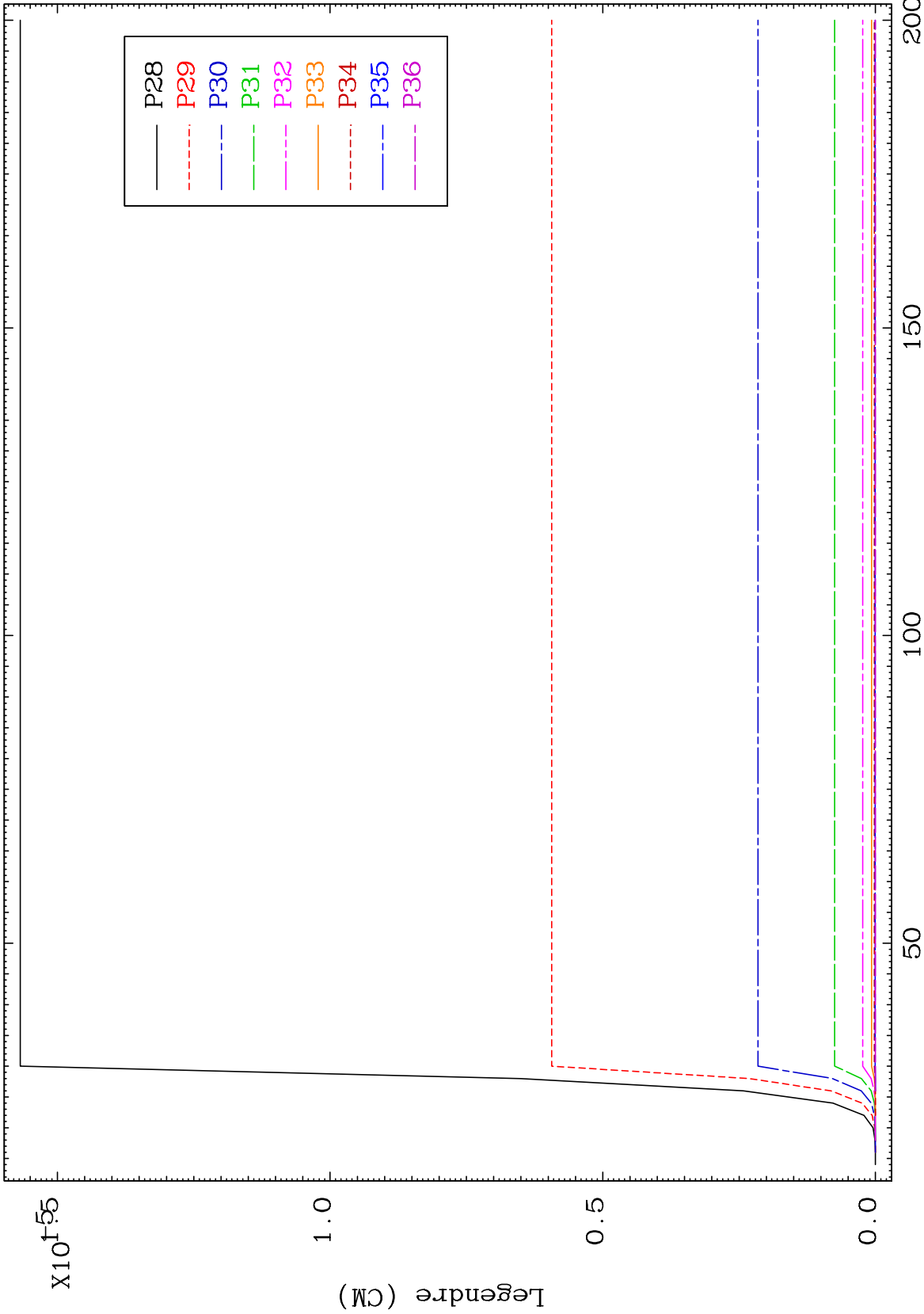
Incident Energy (MeV)

75-Re-180

MAT 7510

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

75-Re-180



66

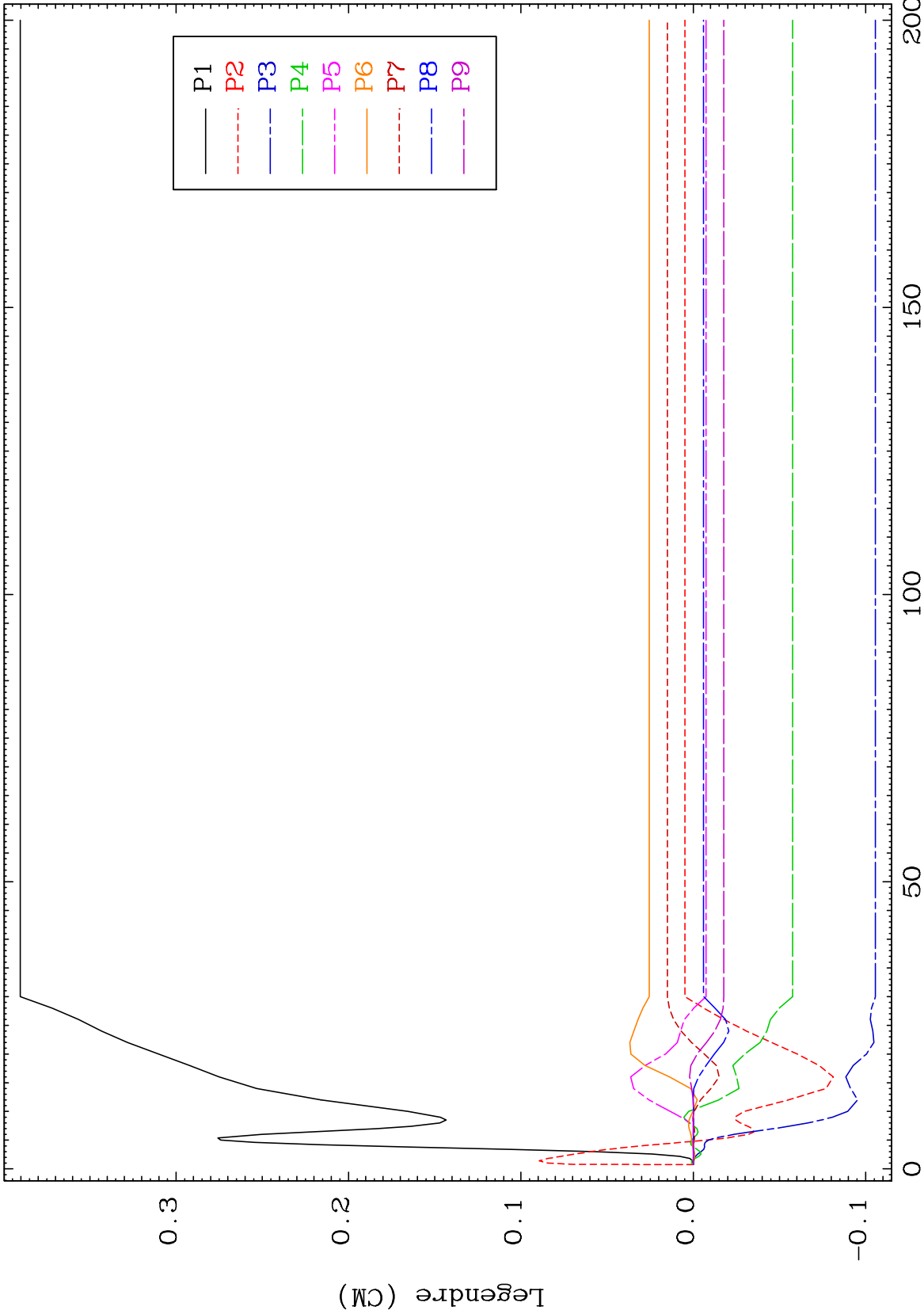
Incident Energy (MeV)

75-Re-180

MAT 7510

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

75-Re-180

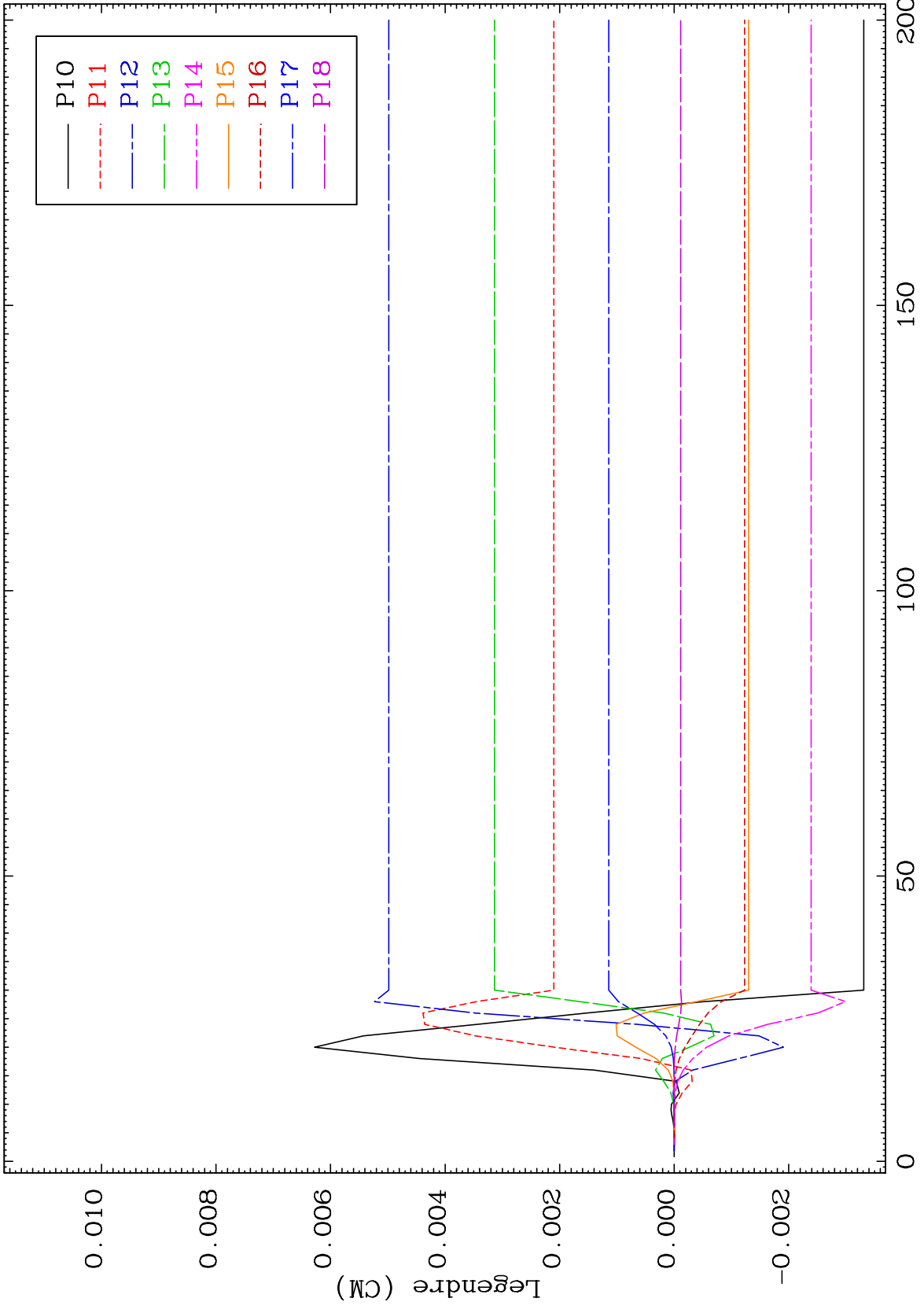


67

Incident Energy (MeV)

75-Re-180

MAT 7510 MT= 64 (n,n') Level Legendre Coefficients 75-Re-180

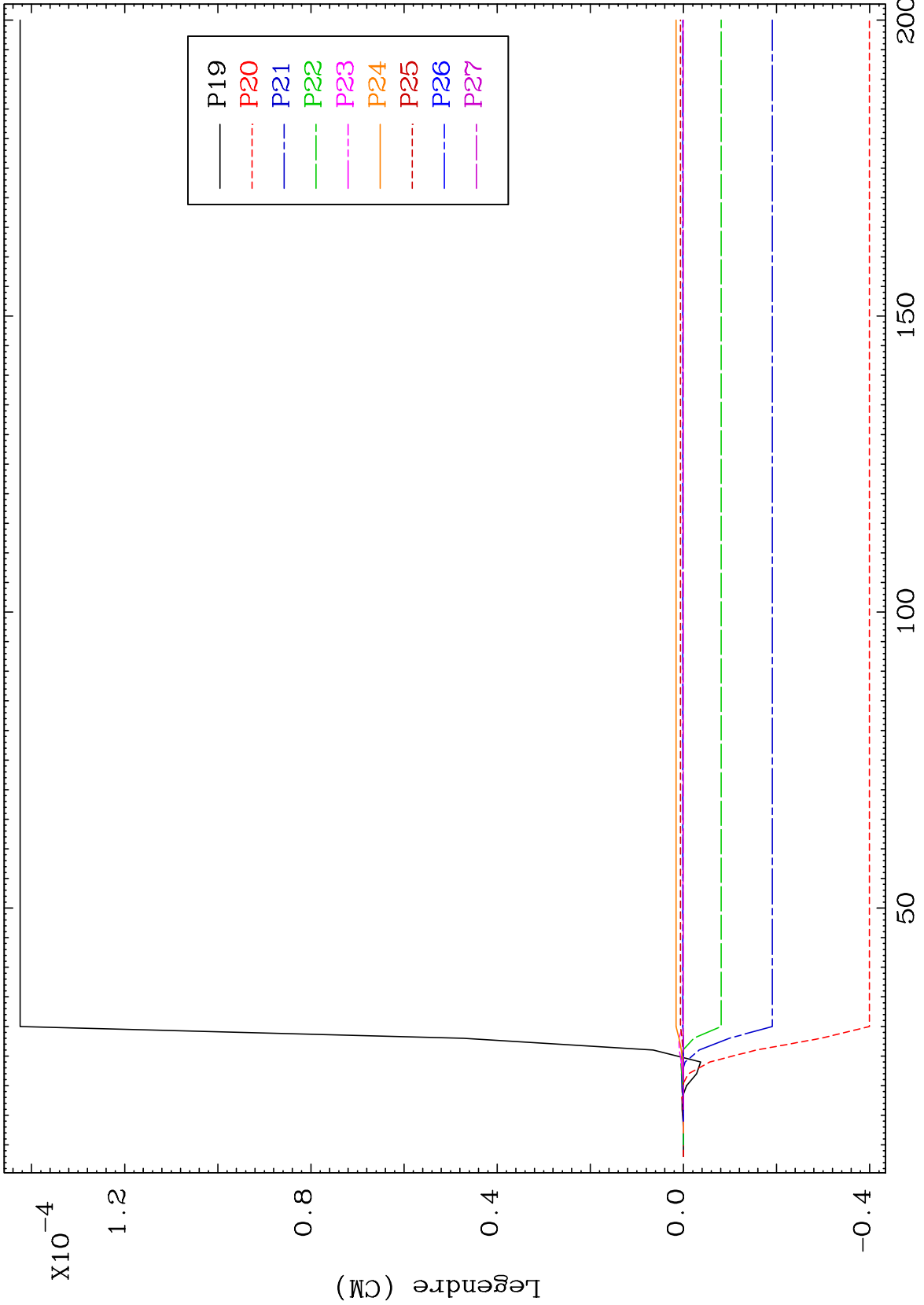


68 75-Re-180

MAT 7510

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

75-Re-180

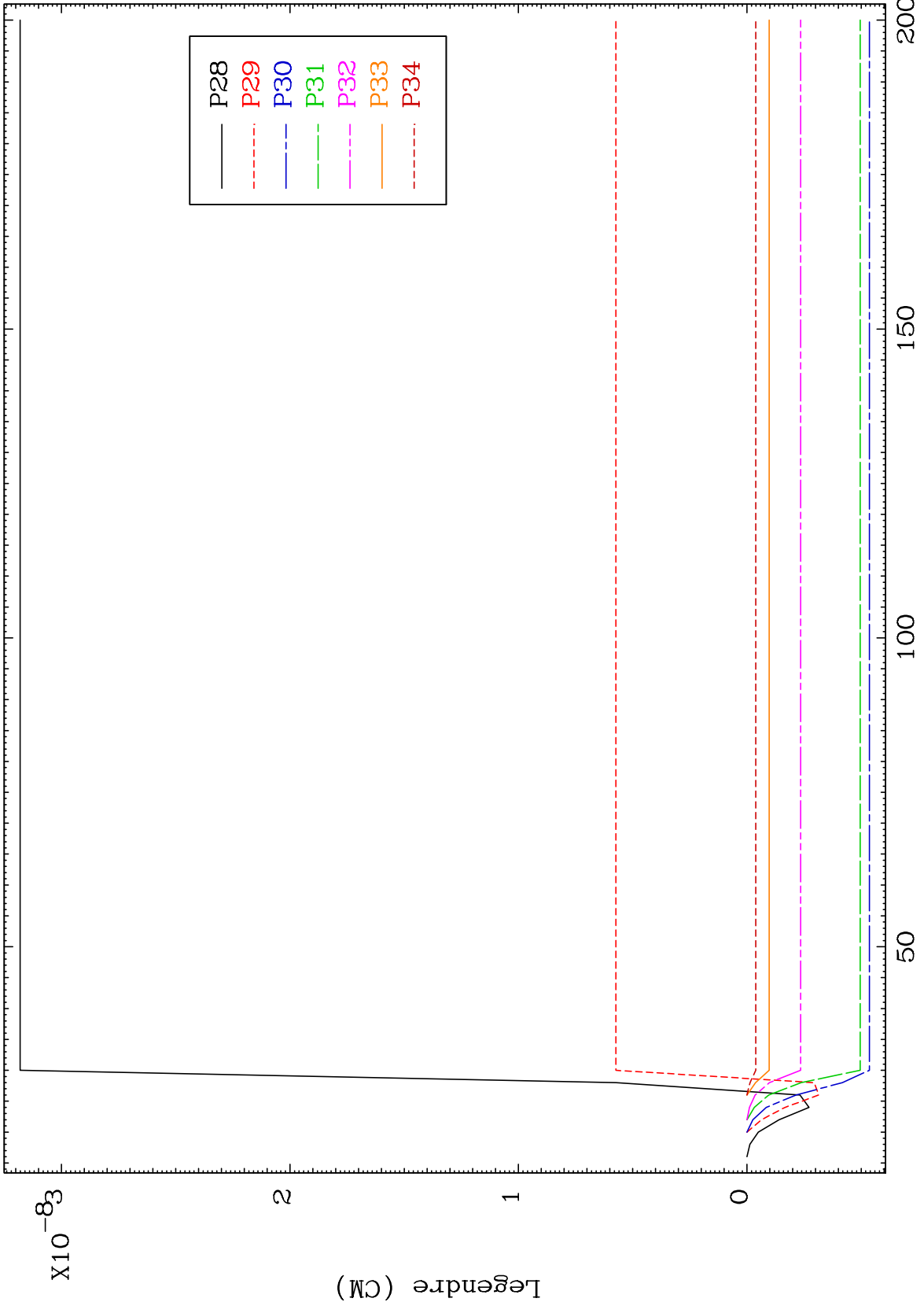


69

Incident Energy (MeV)

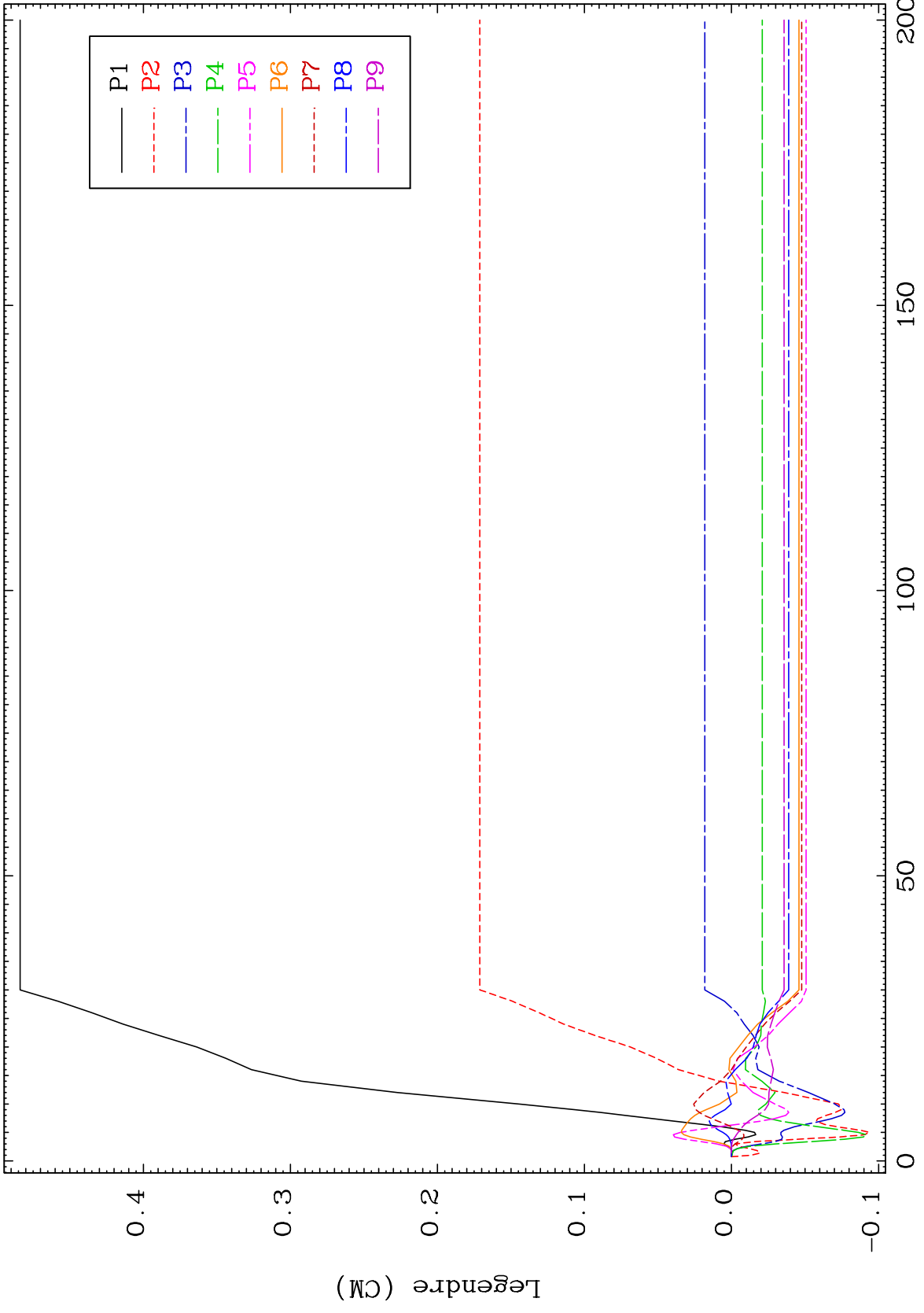
75-Re-180

MAT 7510 MT= 64 (n,n') Level Legendre Coefficients 75-Re-180



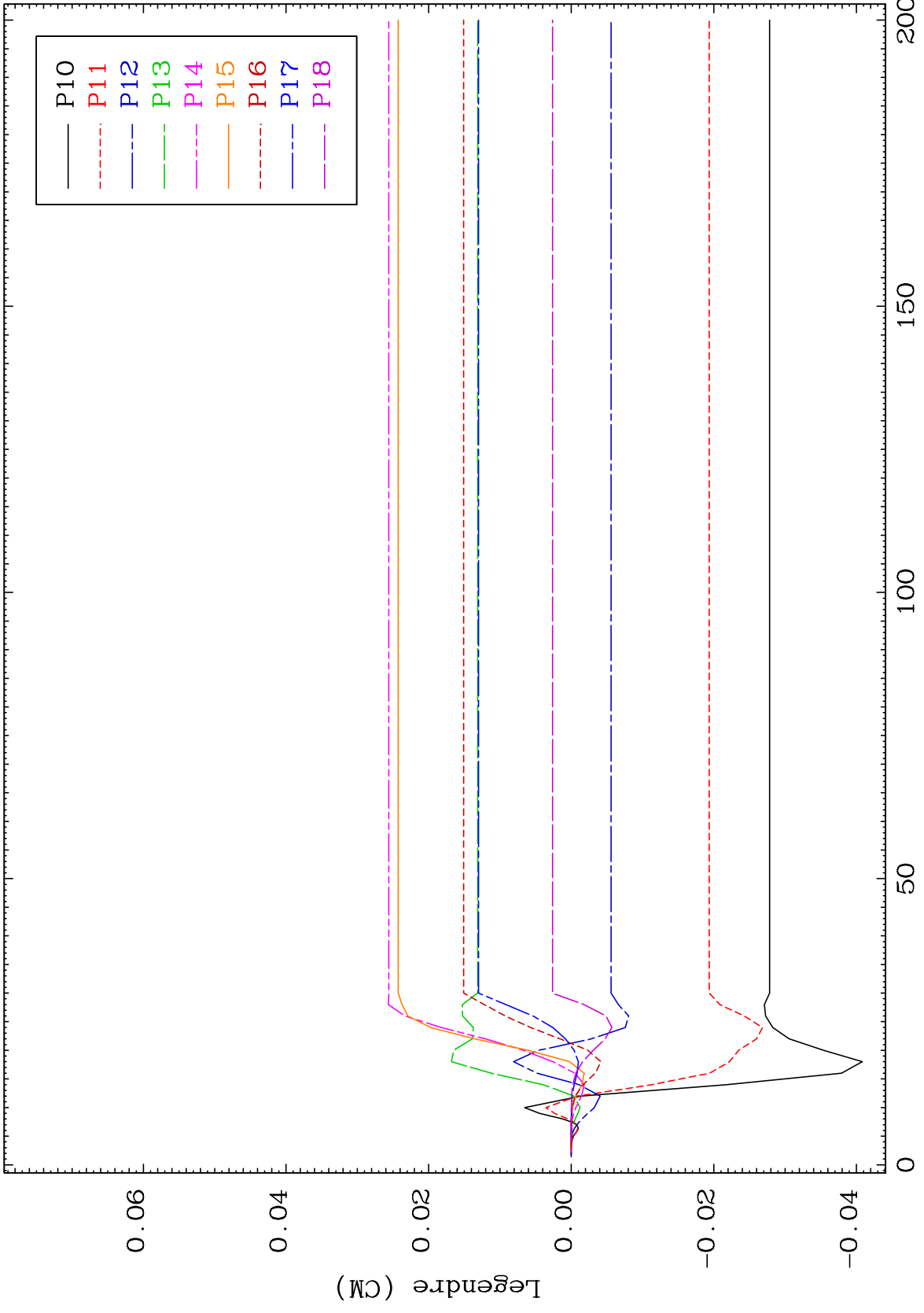
70 75-Re-180

MAT 7510 MT= 65 (n,n') Level Legendre Coefficients 75-Re-180



71 75-Re-180

MAT 7510 MT= 65 (n,n') Level Legendre Coefficients 75-Re-180

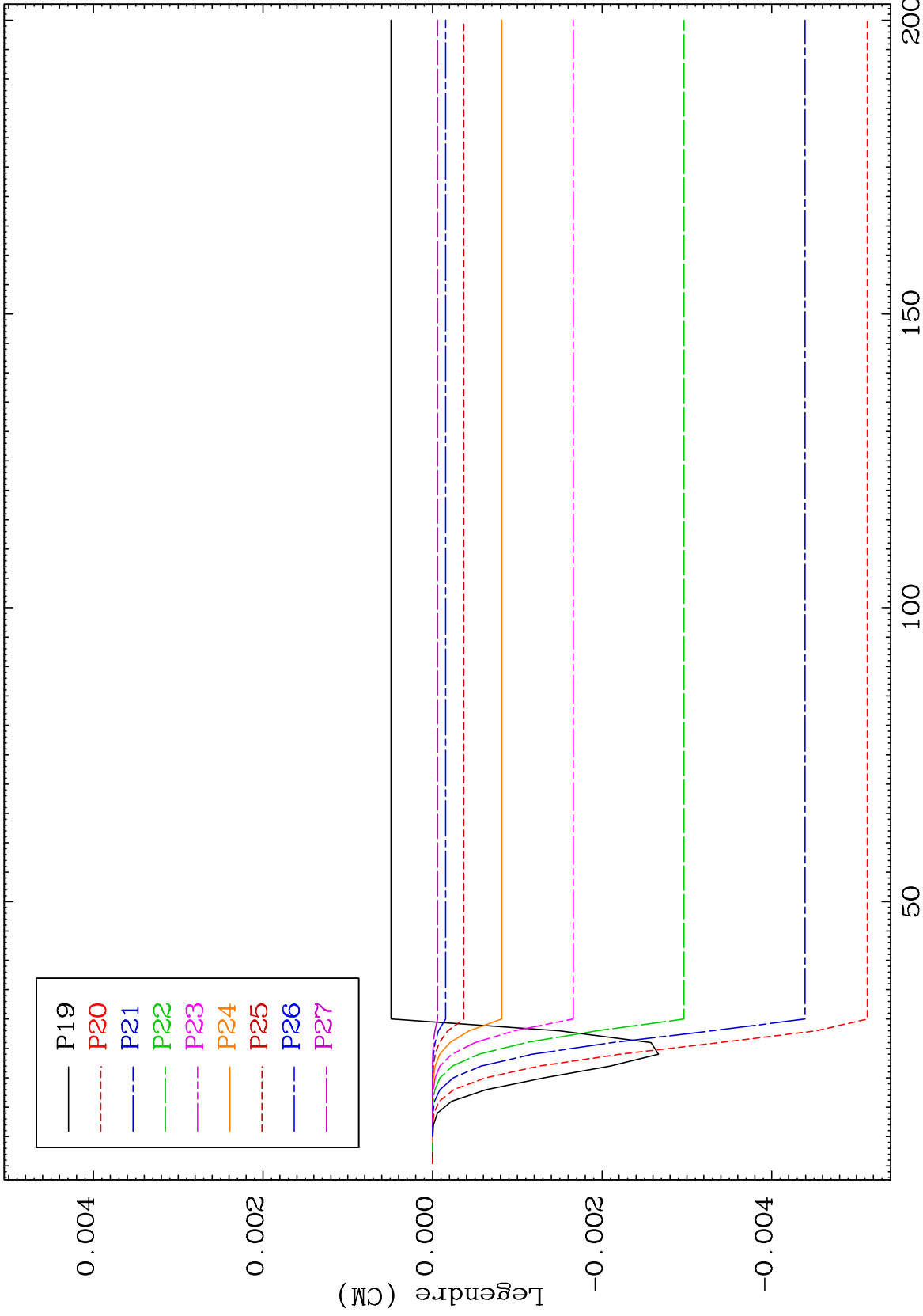


72 75-Re-180

MAT 7510

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

75-Re-180

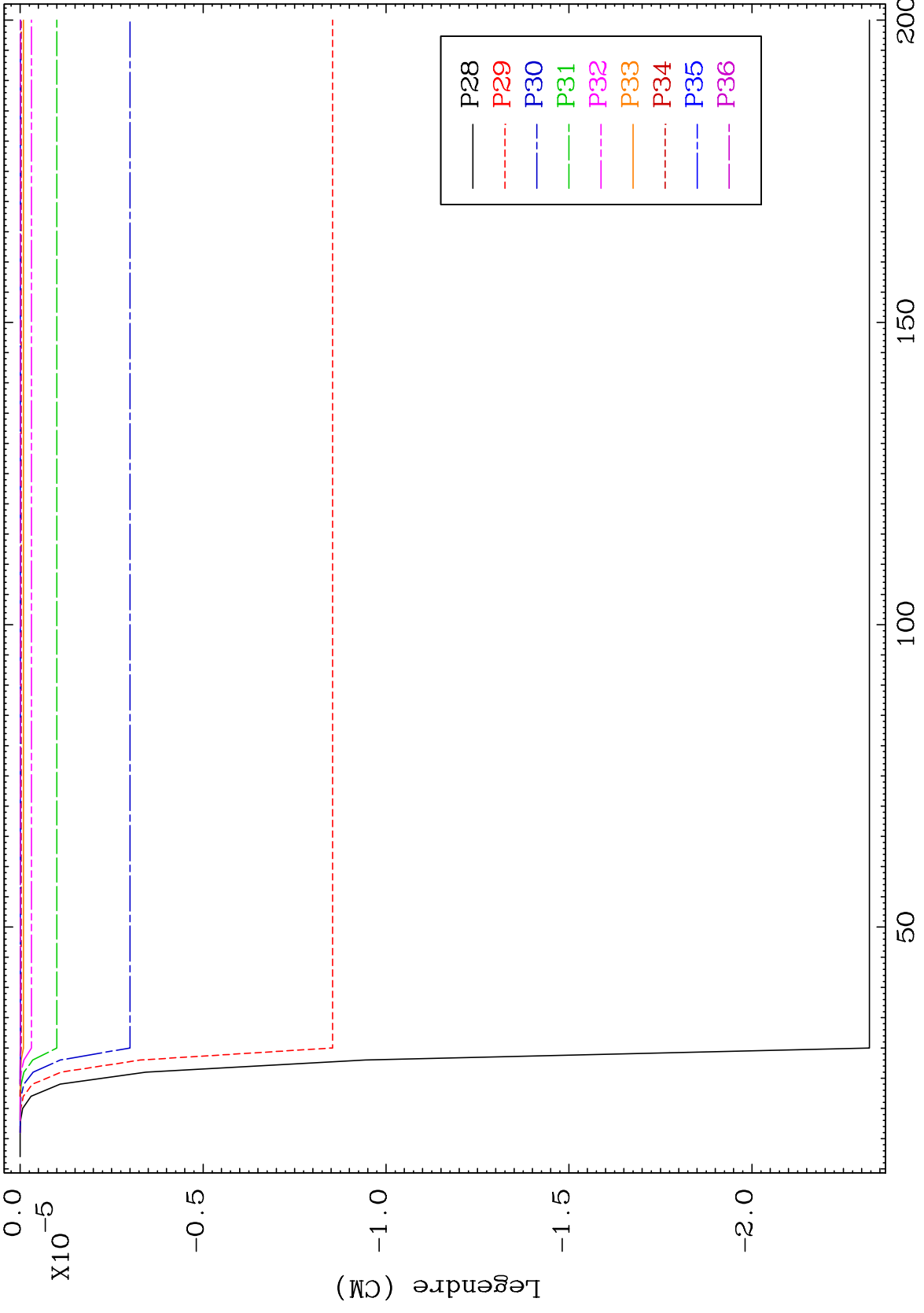


73

Incident Energy (MeV)

75-Re-180

MAT 7510 MT= 65 (n,n') Level Legendre Coefficients 75-Re-180

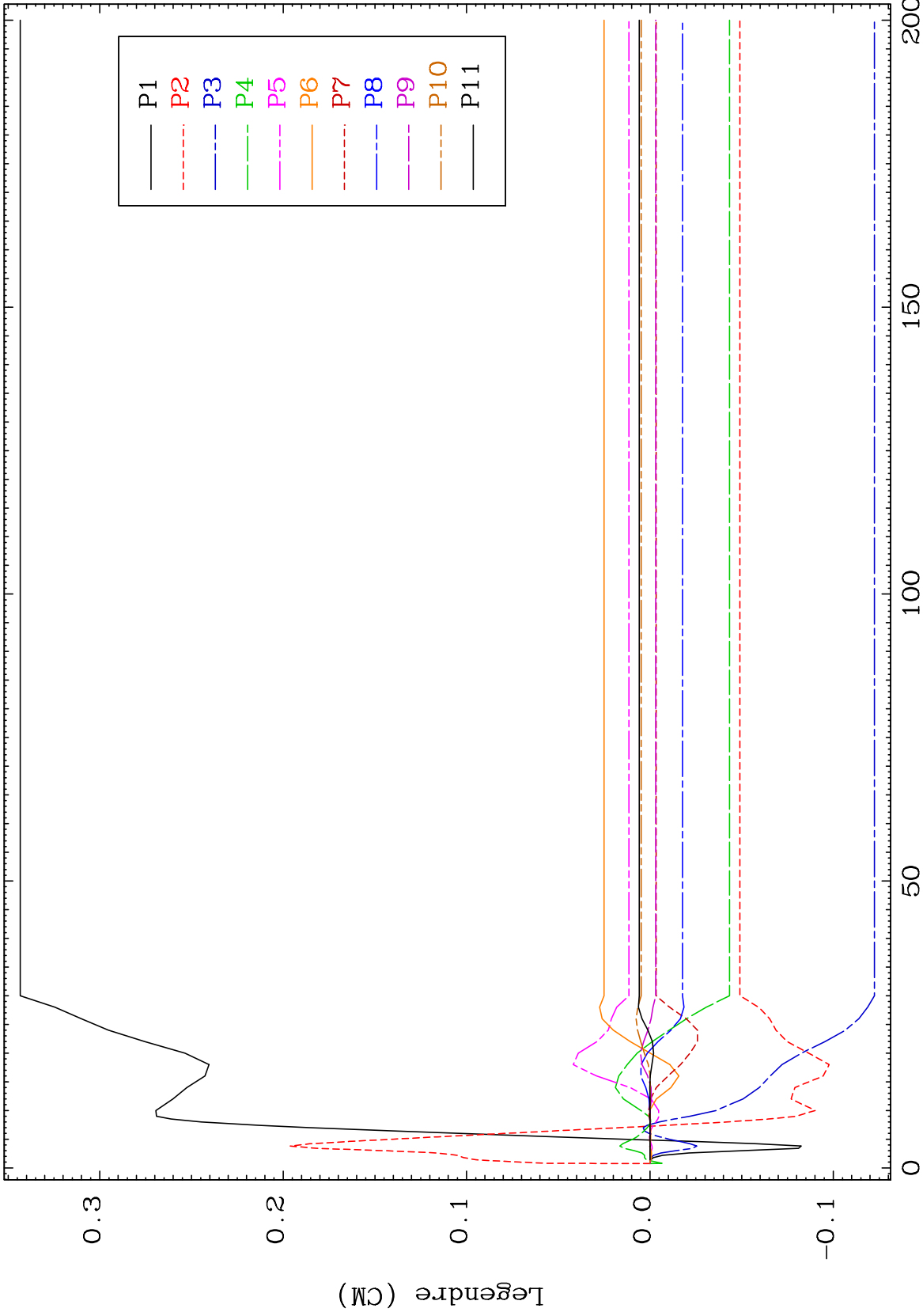


74 Incident Energy (MeV) 75-Re-180

MAT 7510

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

75-Re-180



75

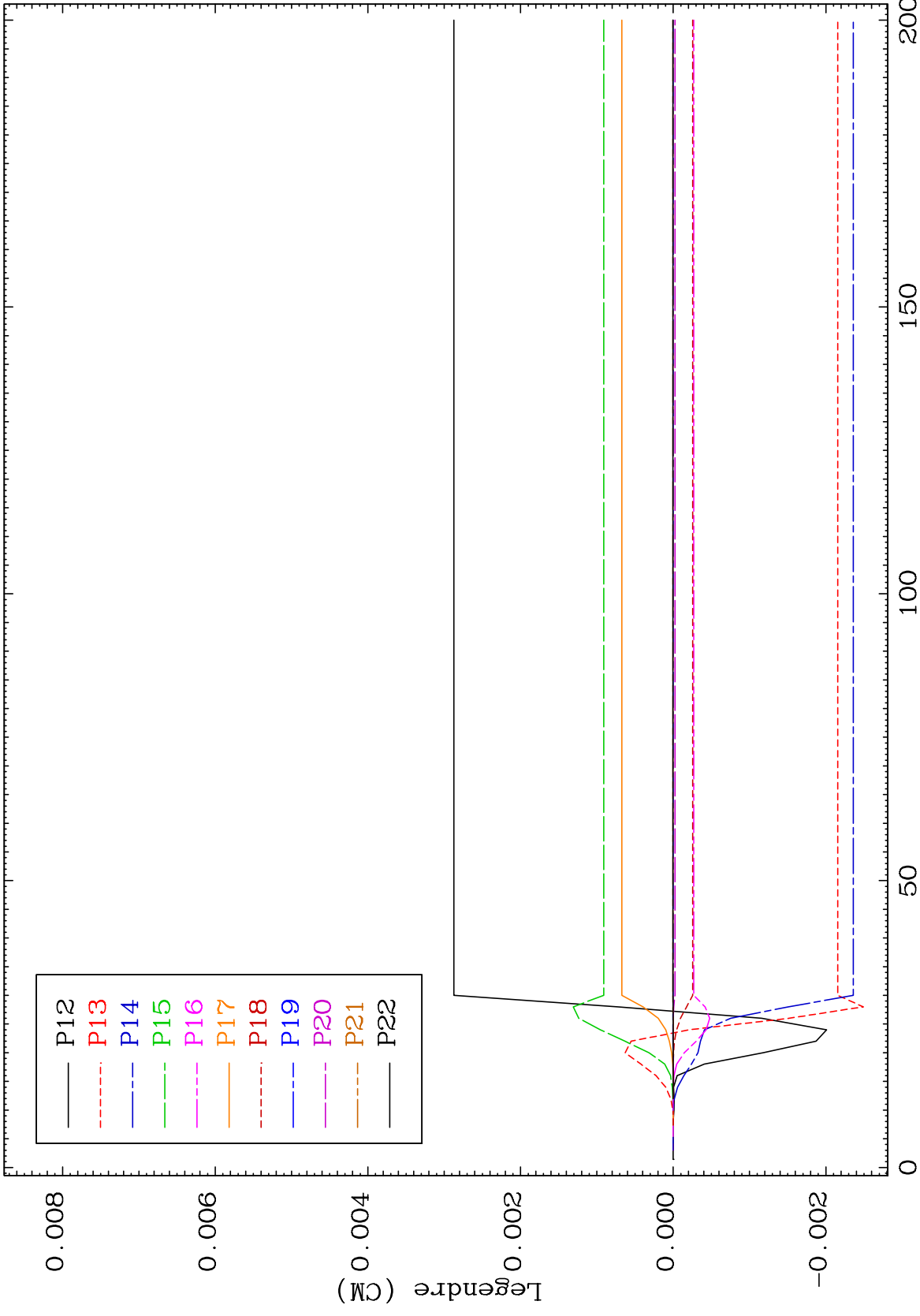
Incident Energy (MeV)

75-Re-180

MAT 7510

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

75-Re-180



76

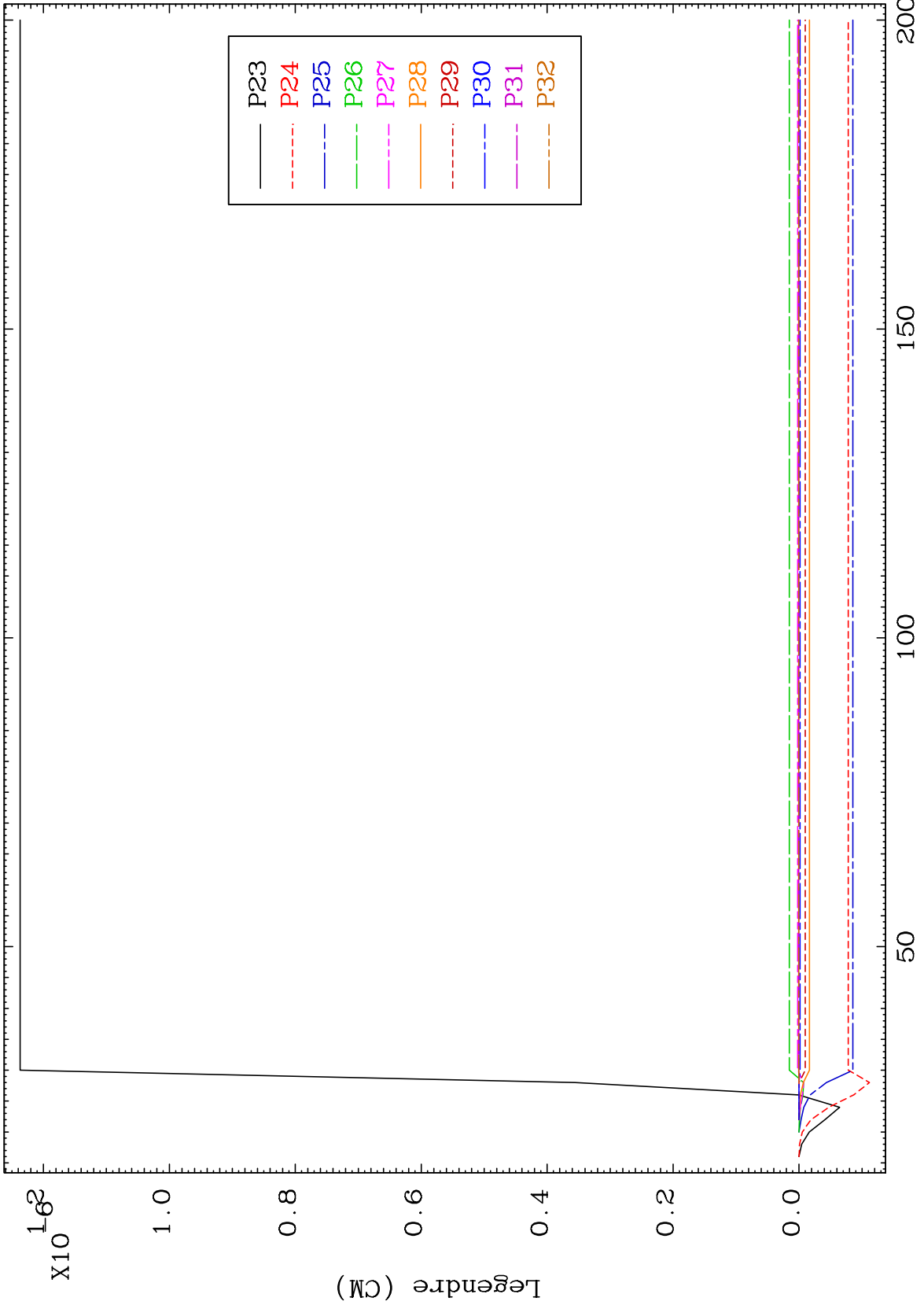
Incident Energy (MeV)

75-Re-180

MAT 7510

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

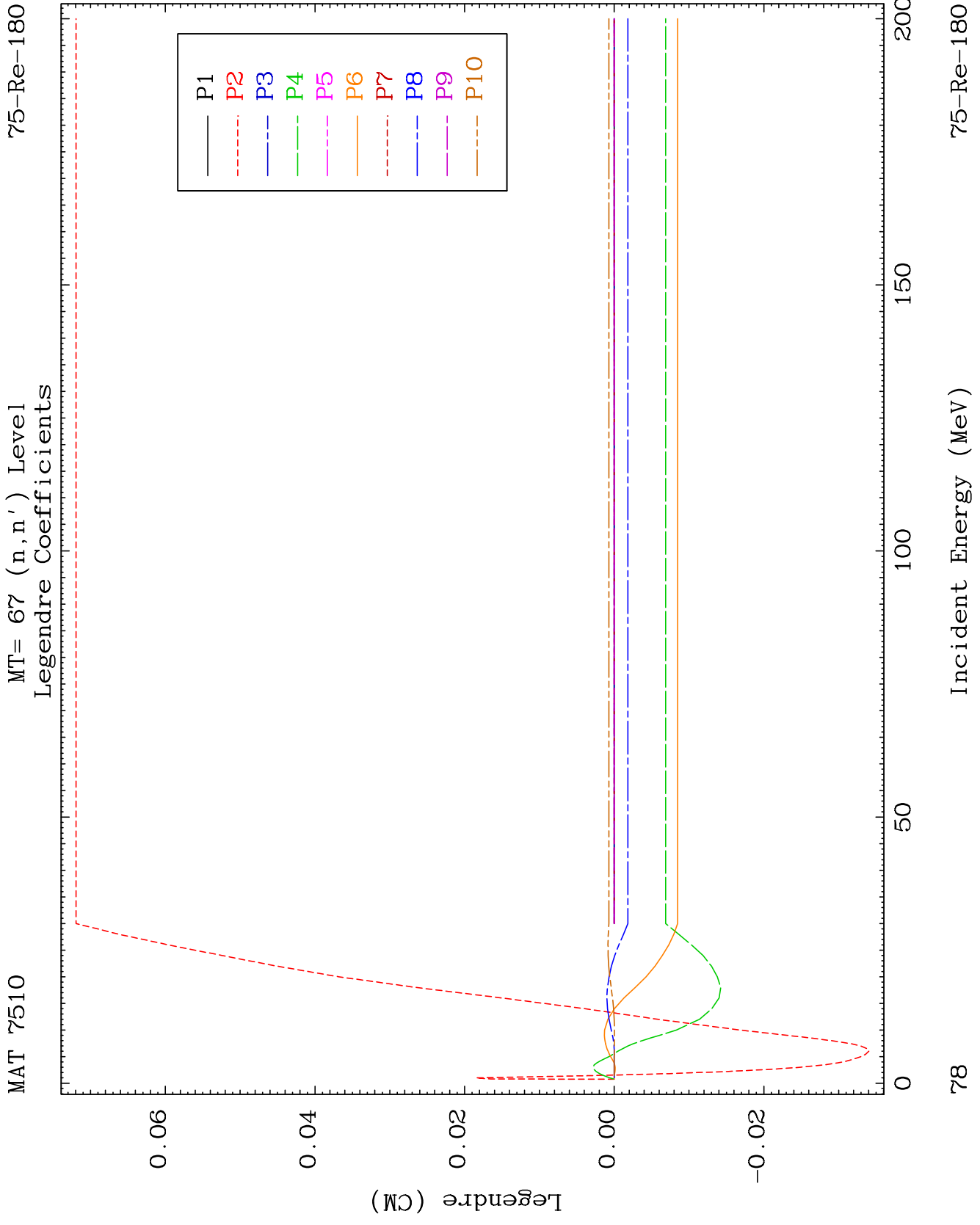
75-Re-180



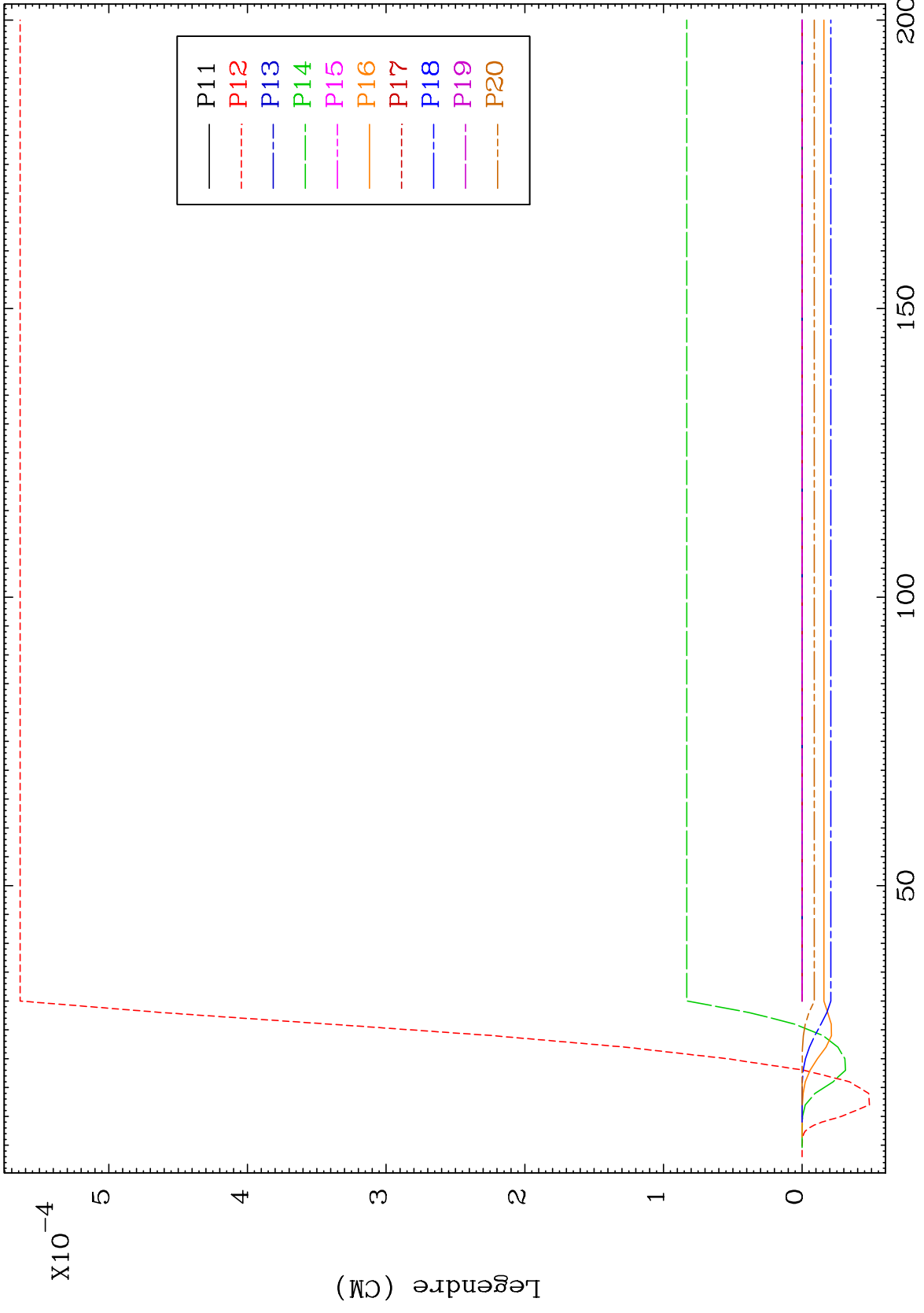
77

Incident Energy (MeV)

75-Re-180

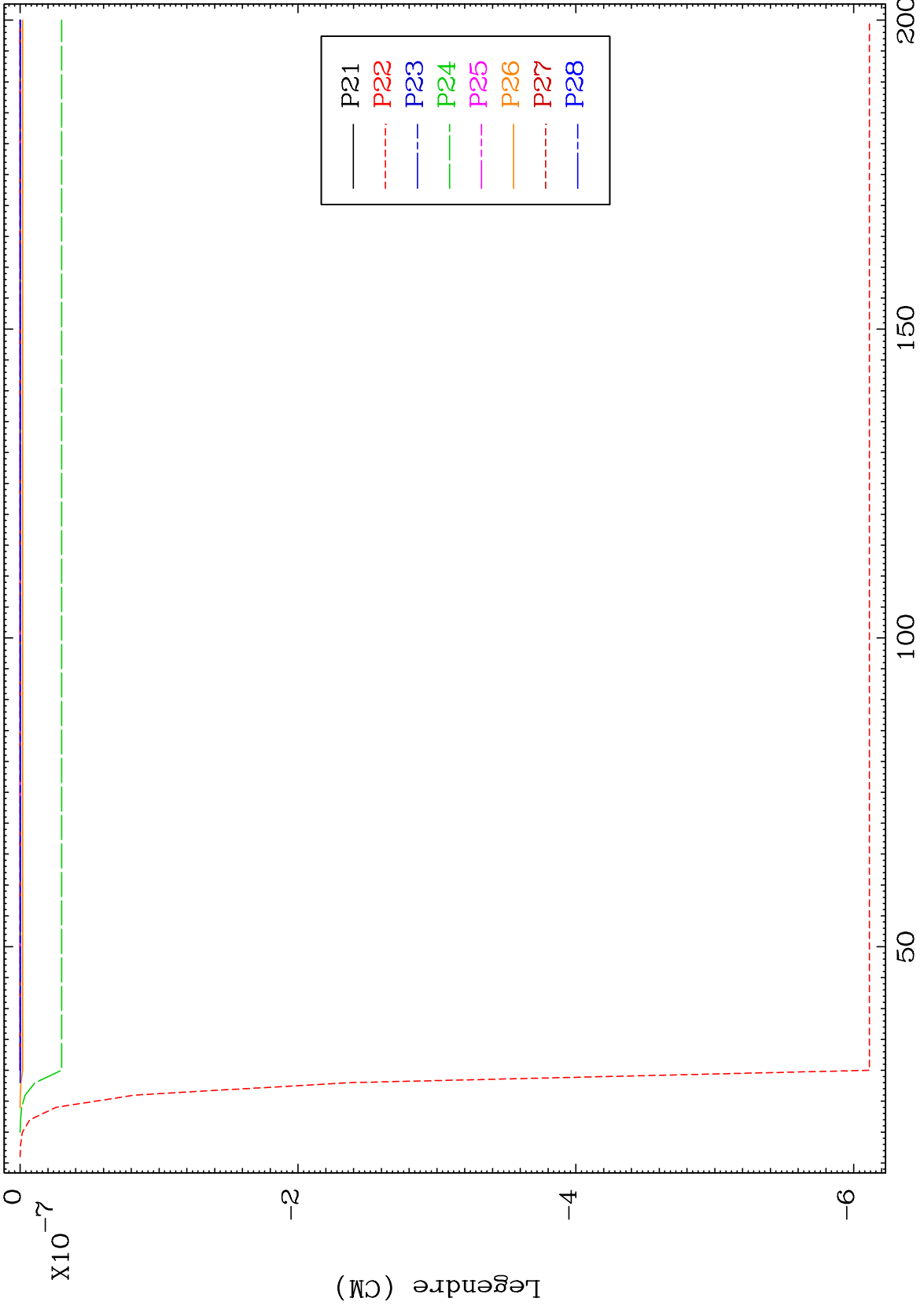


MAT 7510 MT= 67 (n,n') Level Legendre Coefficients 75-Re-180



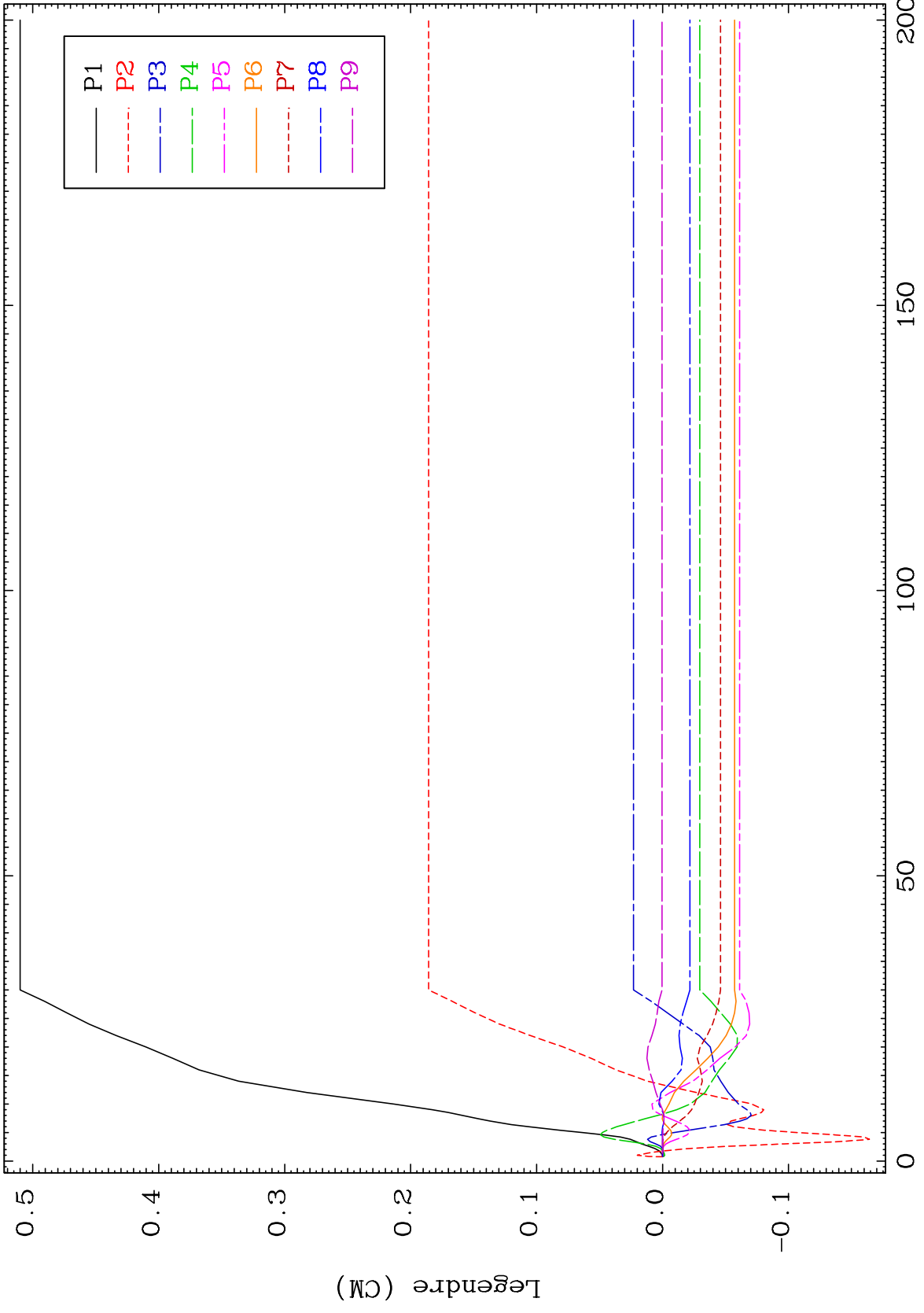
79 75-Re-180

MAT 7510 MT= 67 (n,n') Level Legendre Coefficients 75-Re-180



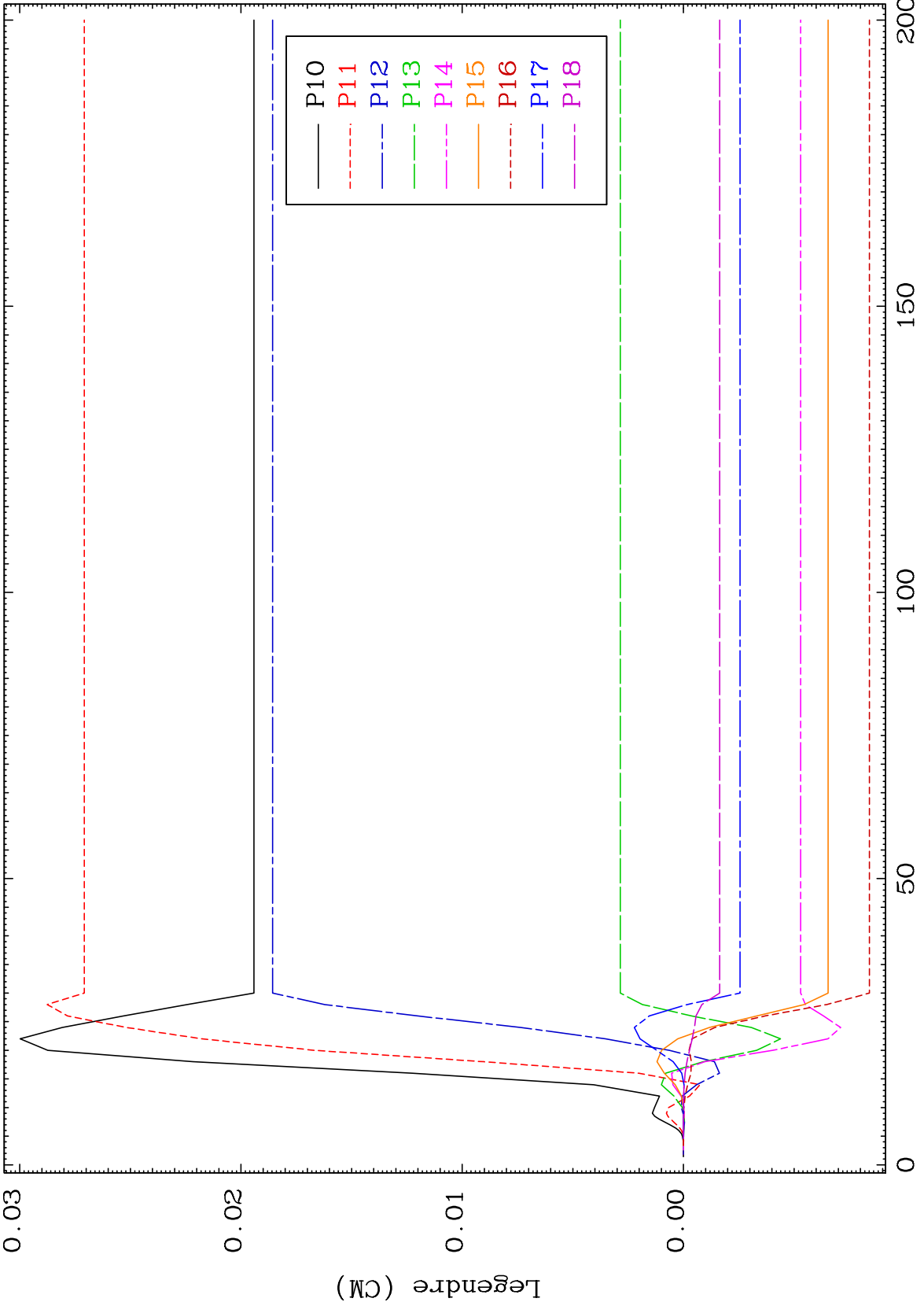
80 150 200 75-Re-180

MAT 7510 MT= 68 (n,n') Level Legendre Coefficients 75-Re-180



81 75-Re-180

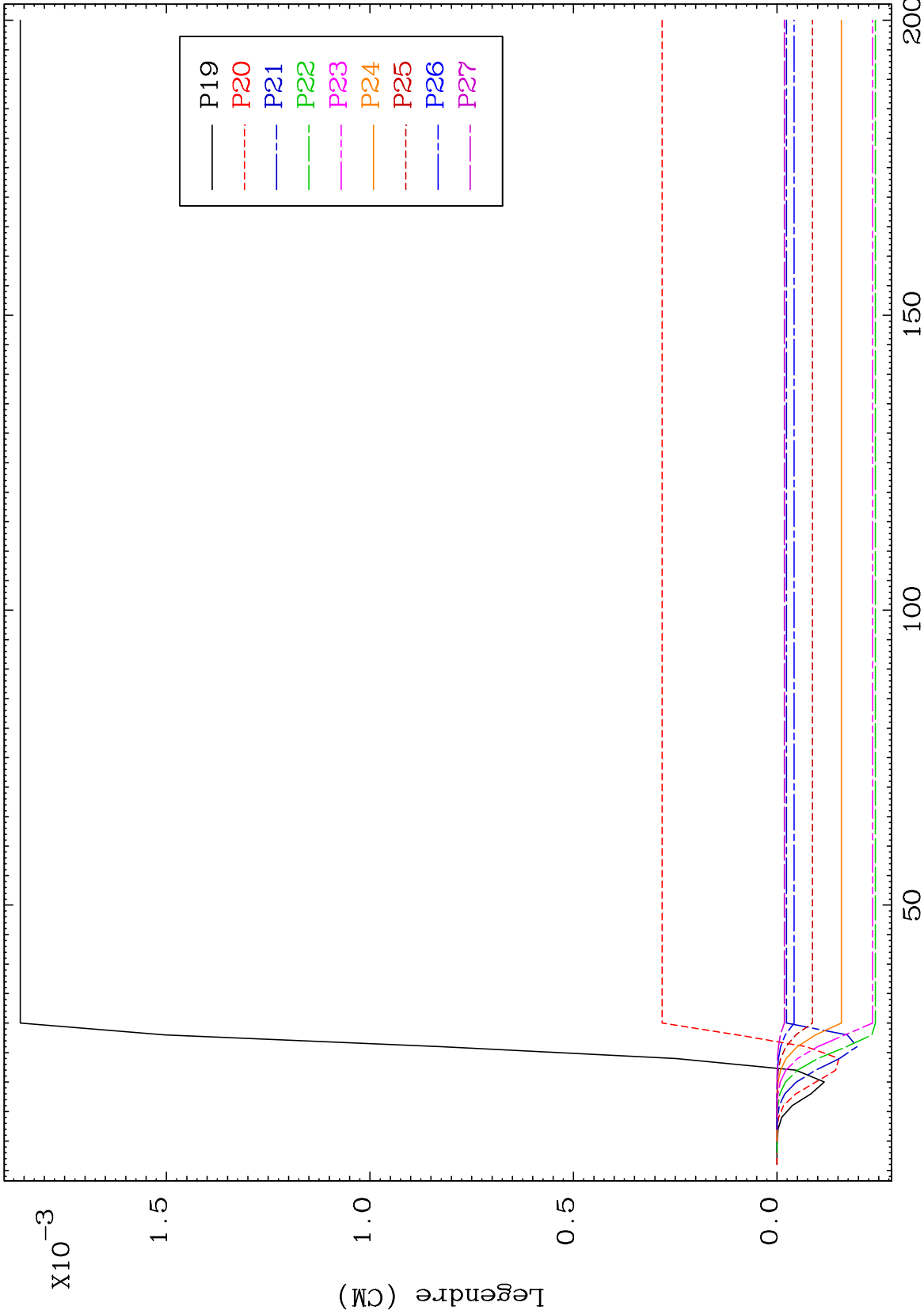
MAT 7510 MT= 68 (n,n') Level Legendre Coefficients 75-Re-180



MAT 7510

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

75-Re-180

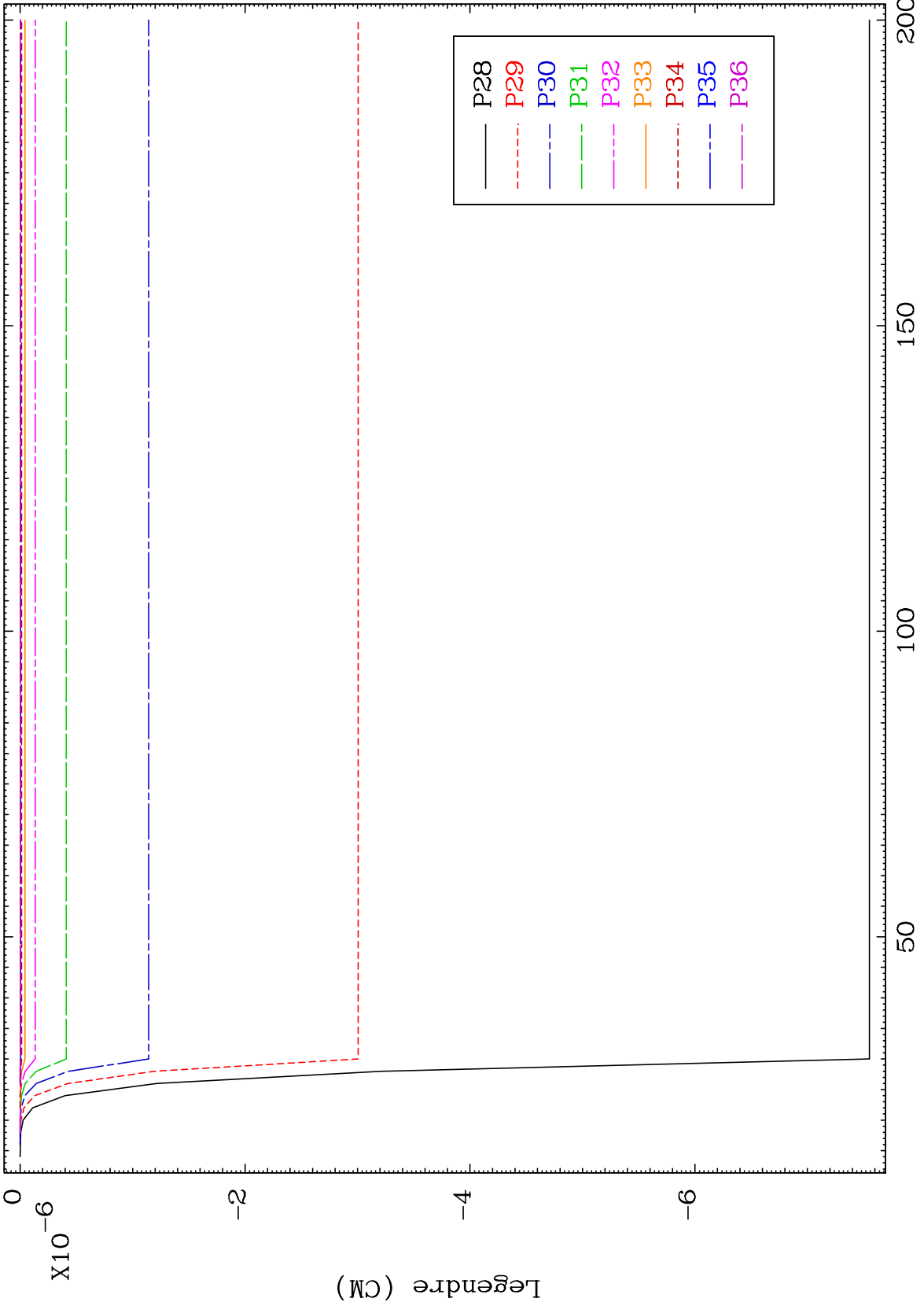


83

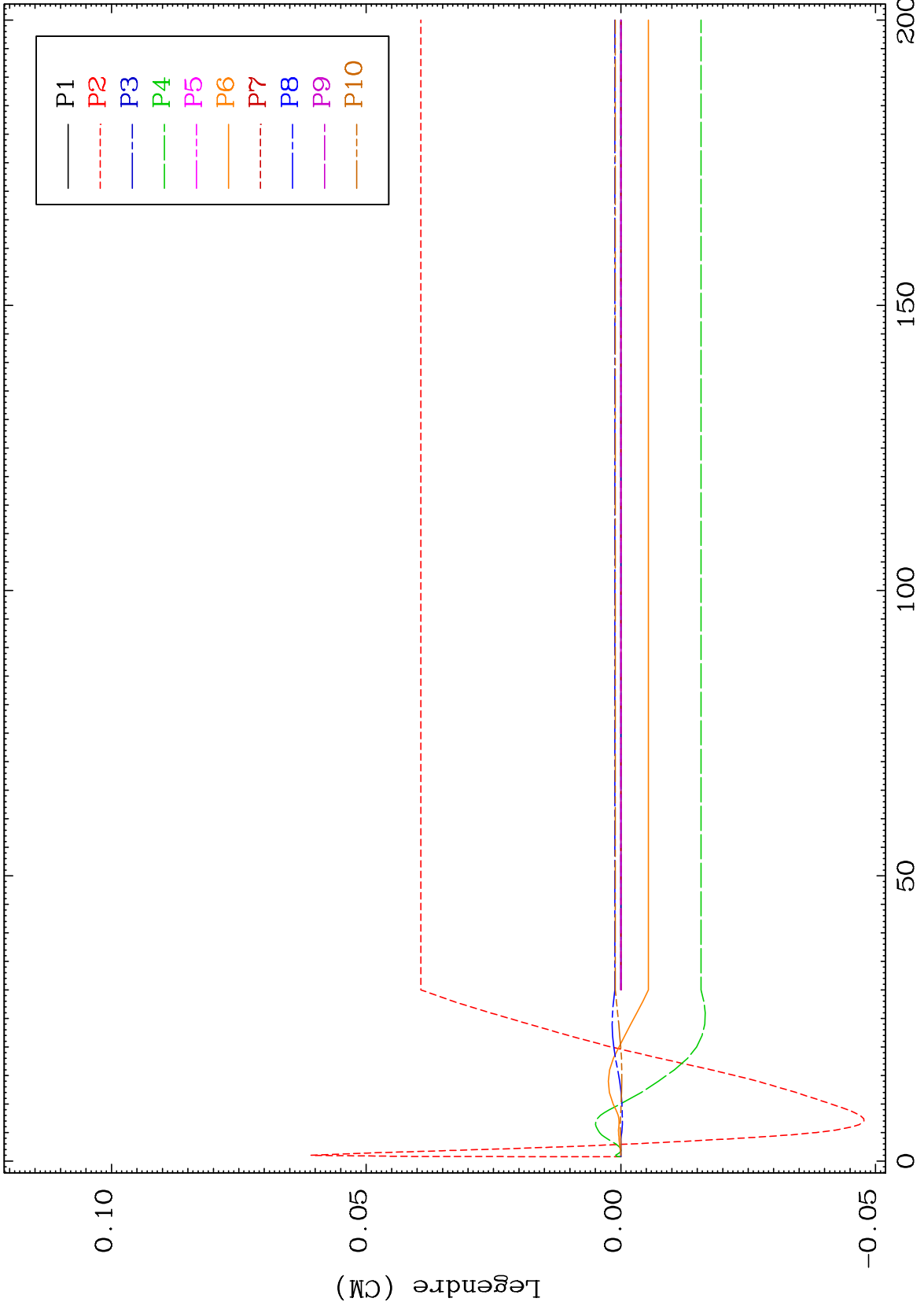
Incident Energy (MeV)

75-Re-180

MAT 7510 MT= 68 (n,n') Level Legendre Coefficients 75-Re-180



MAT 7510 MT= 69 (n,n') Level Legendre Coefficients 75-Re-180

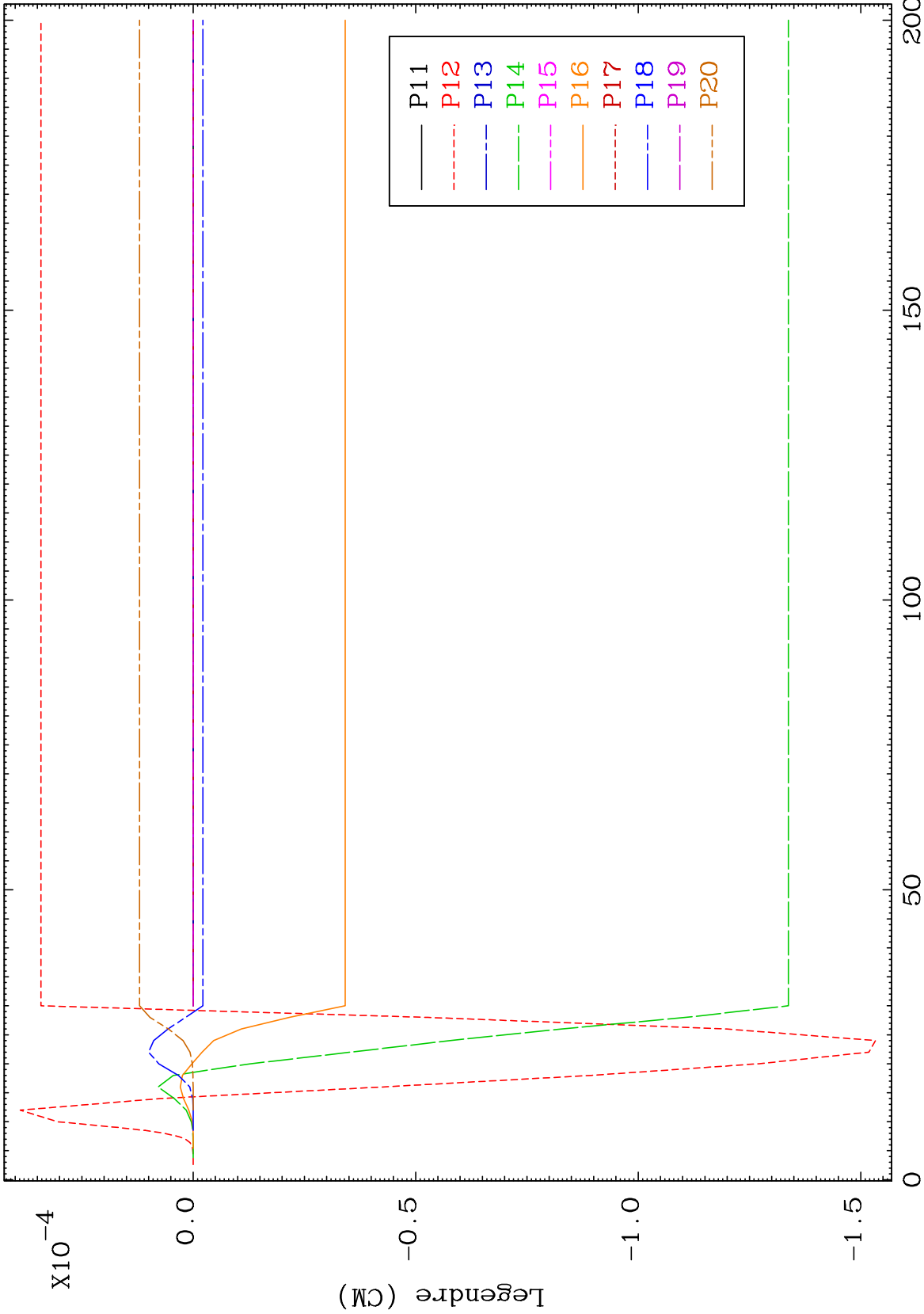


85 Incident Energy (MeV) 75-Re-180

MAT 7510

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

75-Re-180

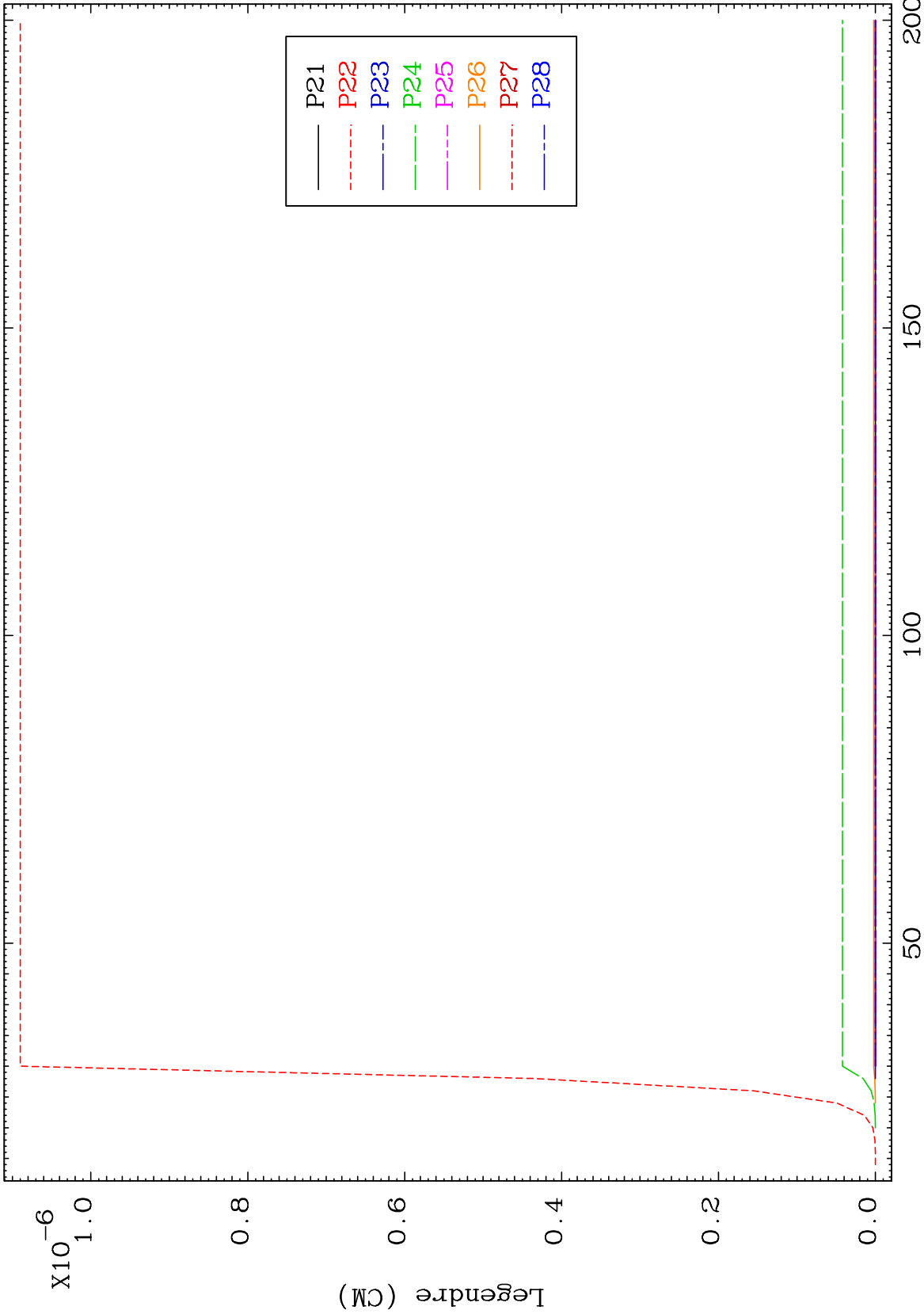


86

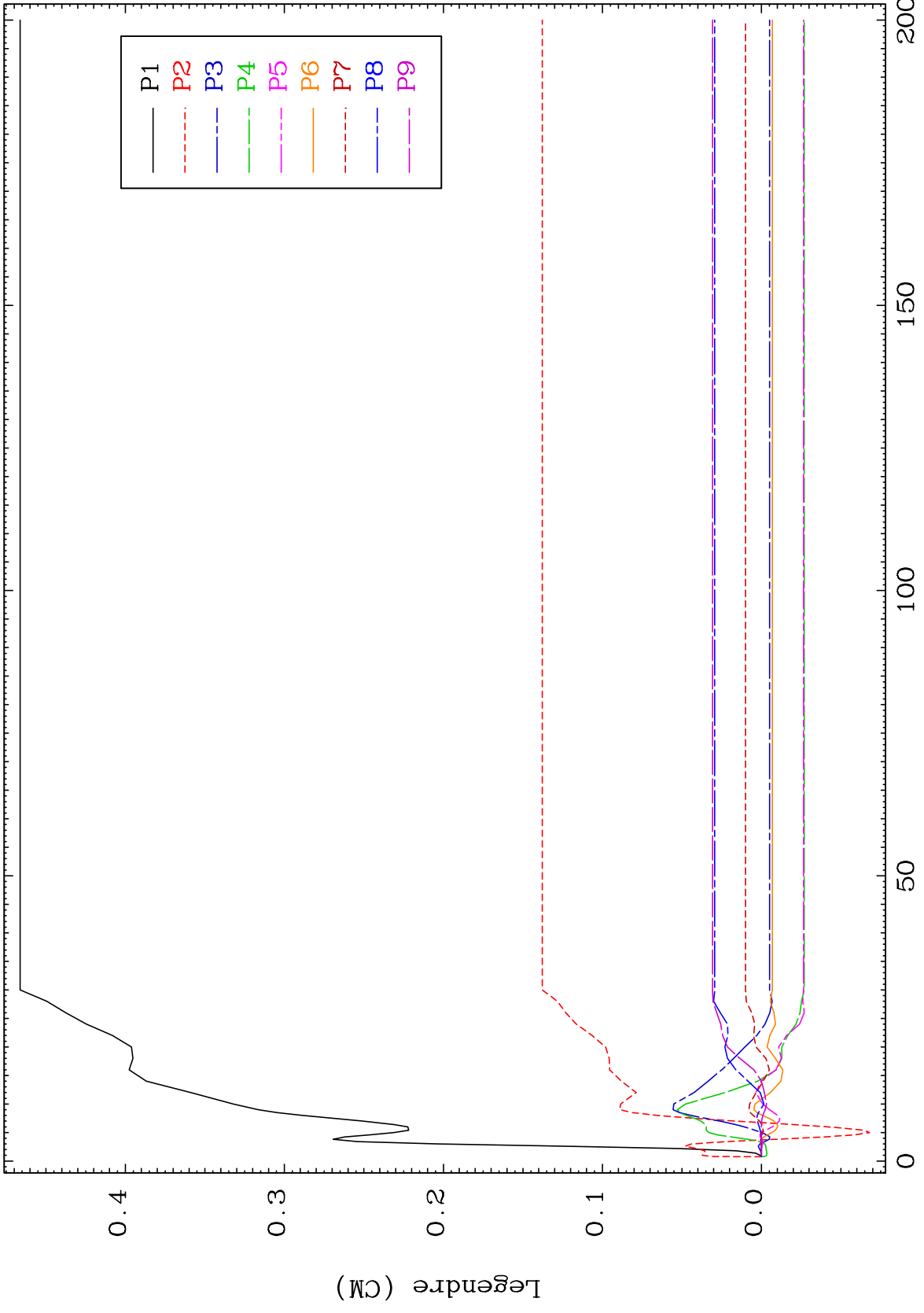
Incident Energy (MeV)

75-Re-180

MAT 7510 MT= 69 (n,n') Level Legendre Coefficients 75-Re-180

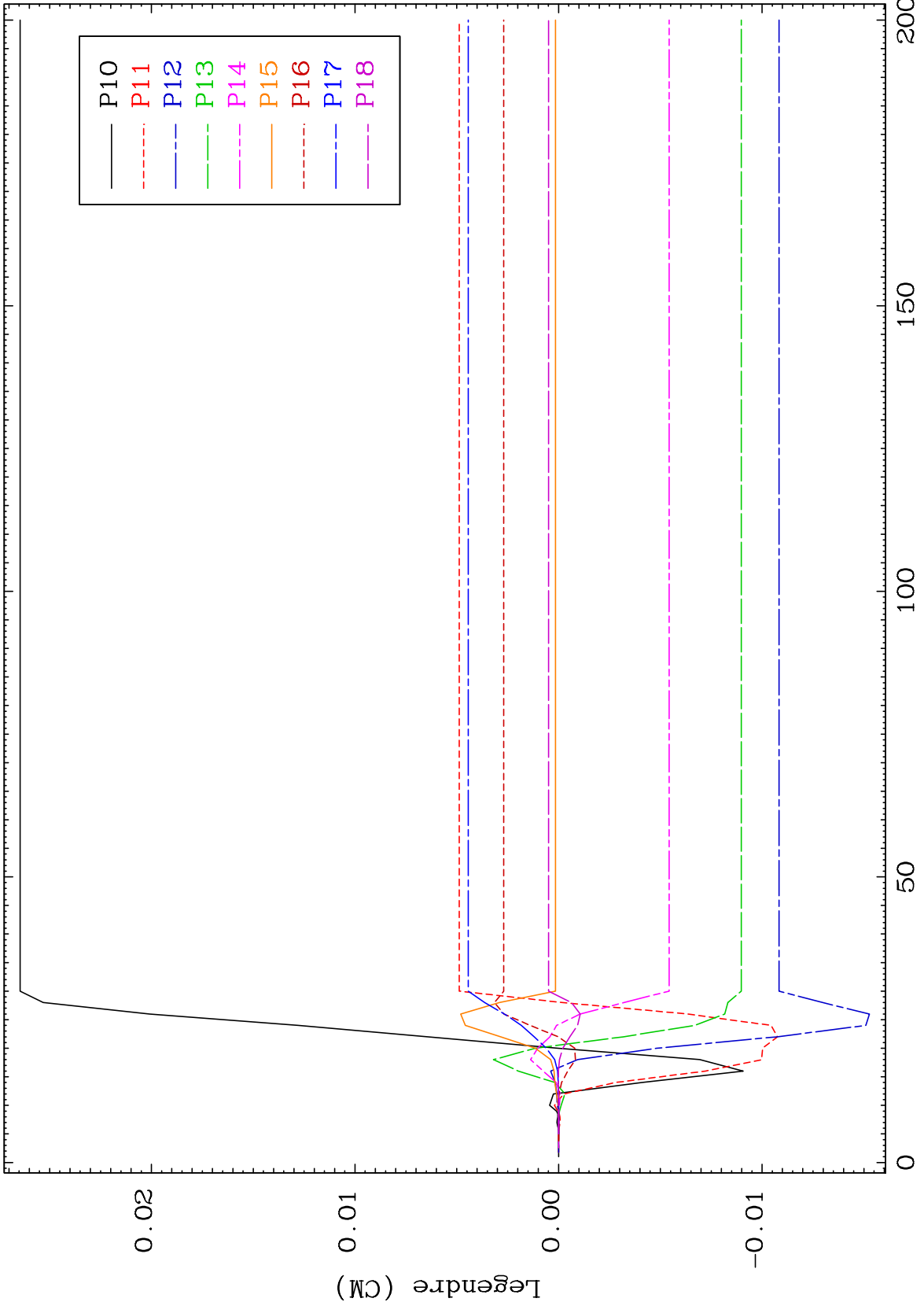


MAT 7510 MT= 70 (n,n') Level Legendre Coefficients 75-Re-180



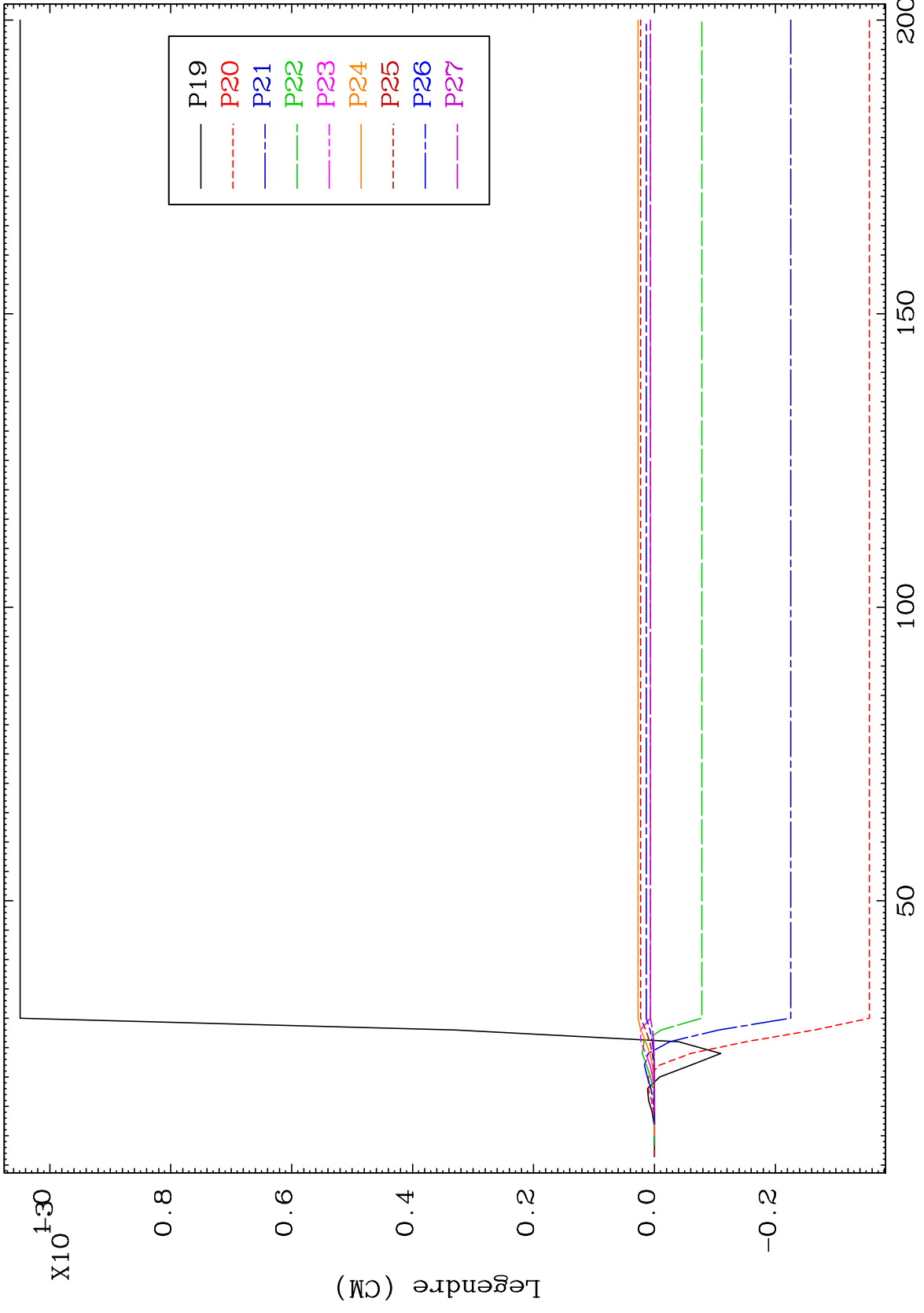
88 75-Re-180

MAT 7510 MT= 70 (n,n') Level Legendre Coefficients 75-Re-180



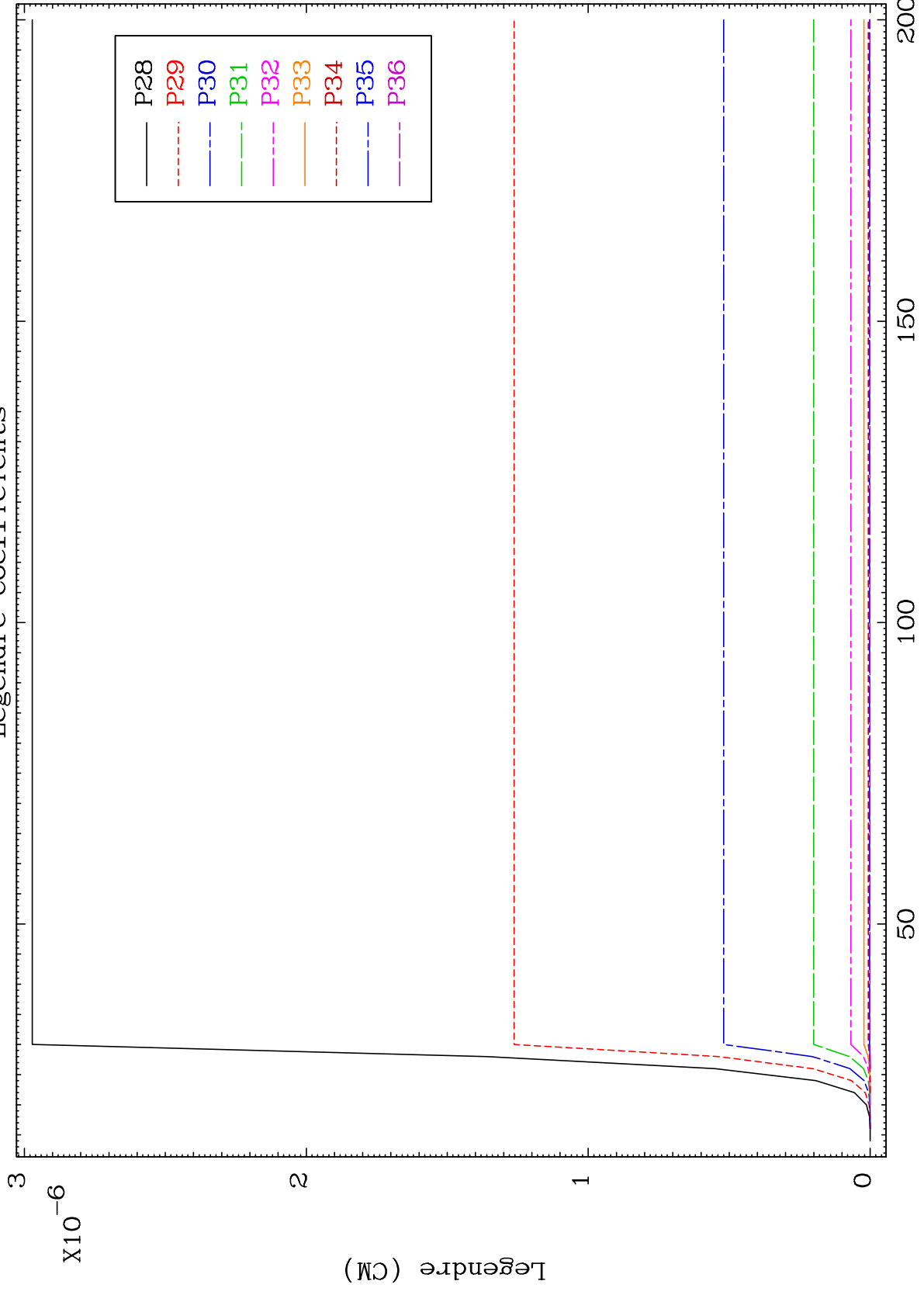
89 75-Re-180

MAT 7510 MT= 70 (n,n') Level Legendre Coefficients 75-Re-180

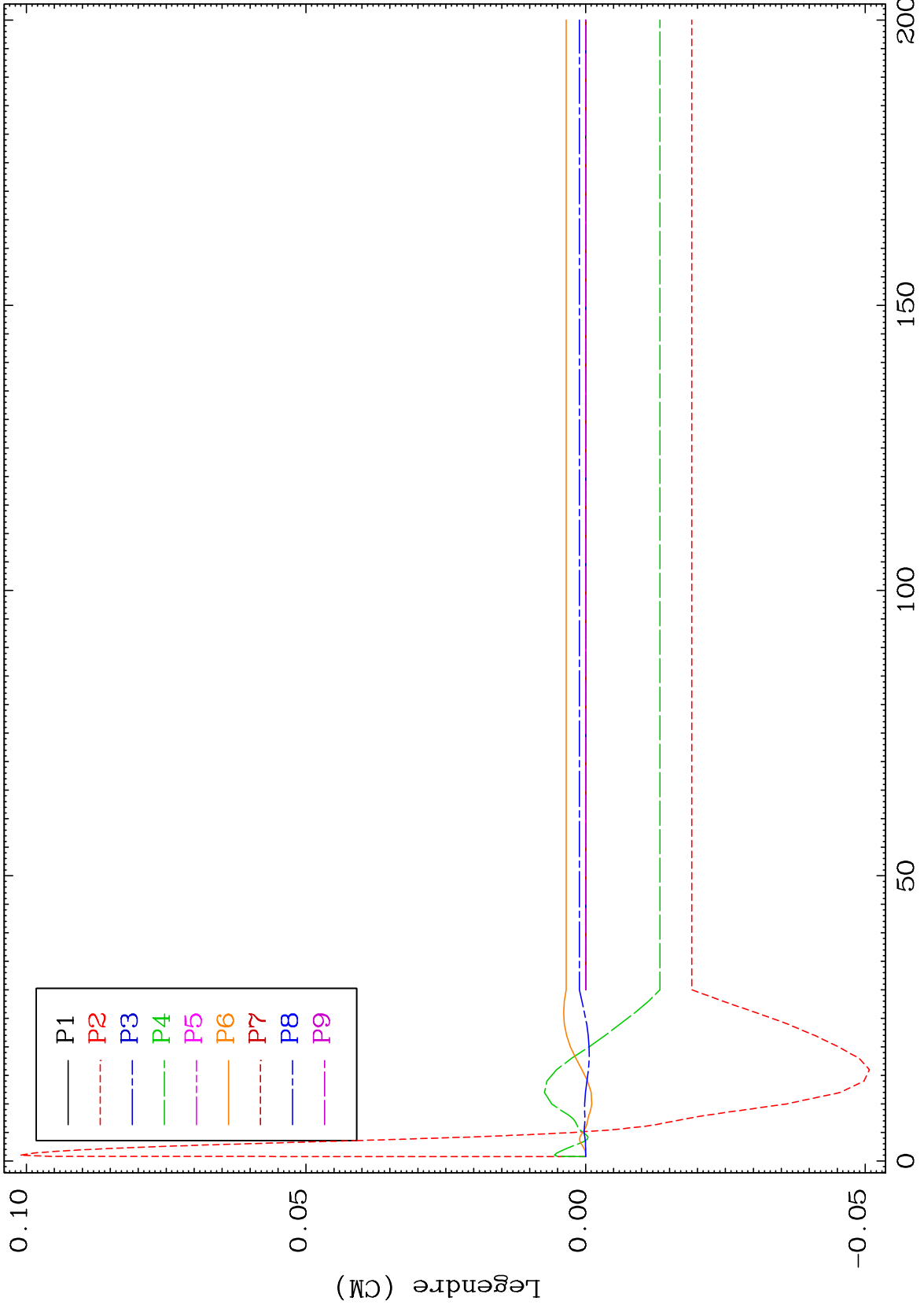


90 50 100 150 200 Incident Energy (MeV) 75-Re-180

MAT 7510 MT= 70 (n,n') Level Legendre Coefficients 75-Re-180



MAT 7510 MT= 71 (n,n') Level Legendre Coefficients 75-Re-180

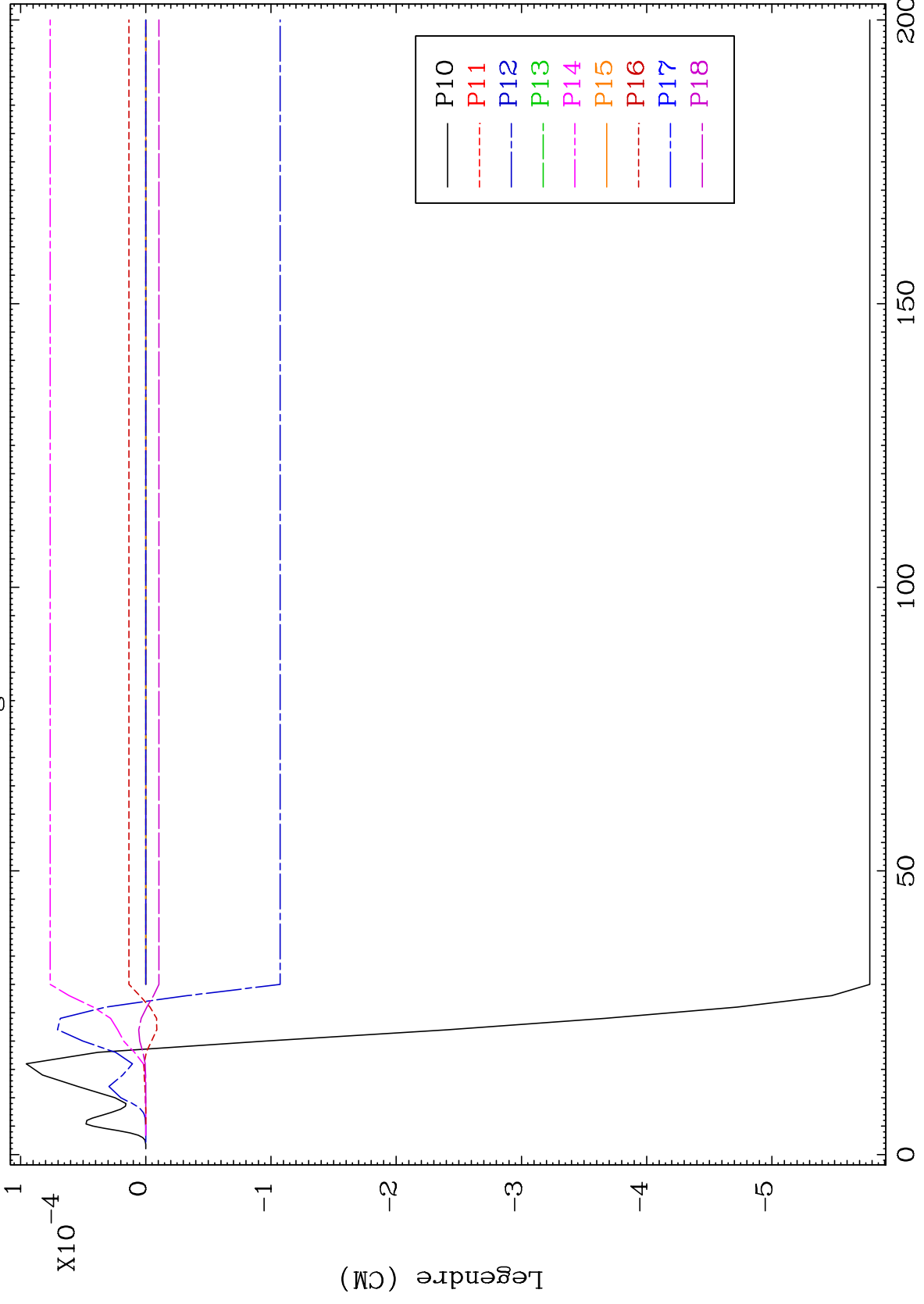


75-Re-180

Incident Energy (MeV)

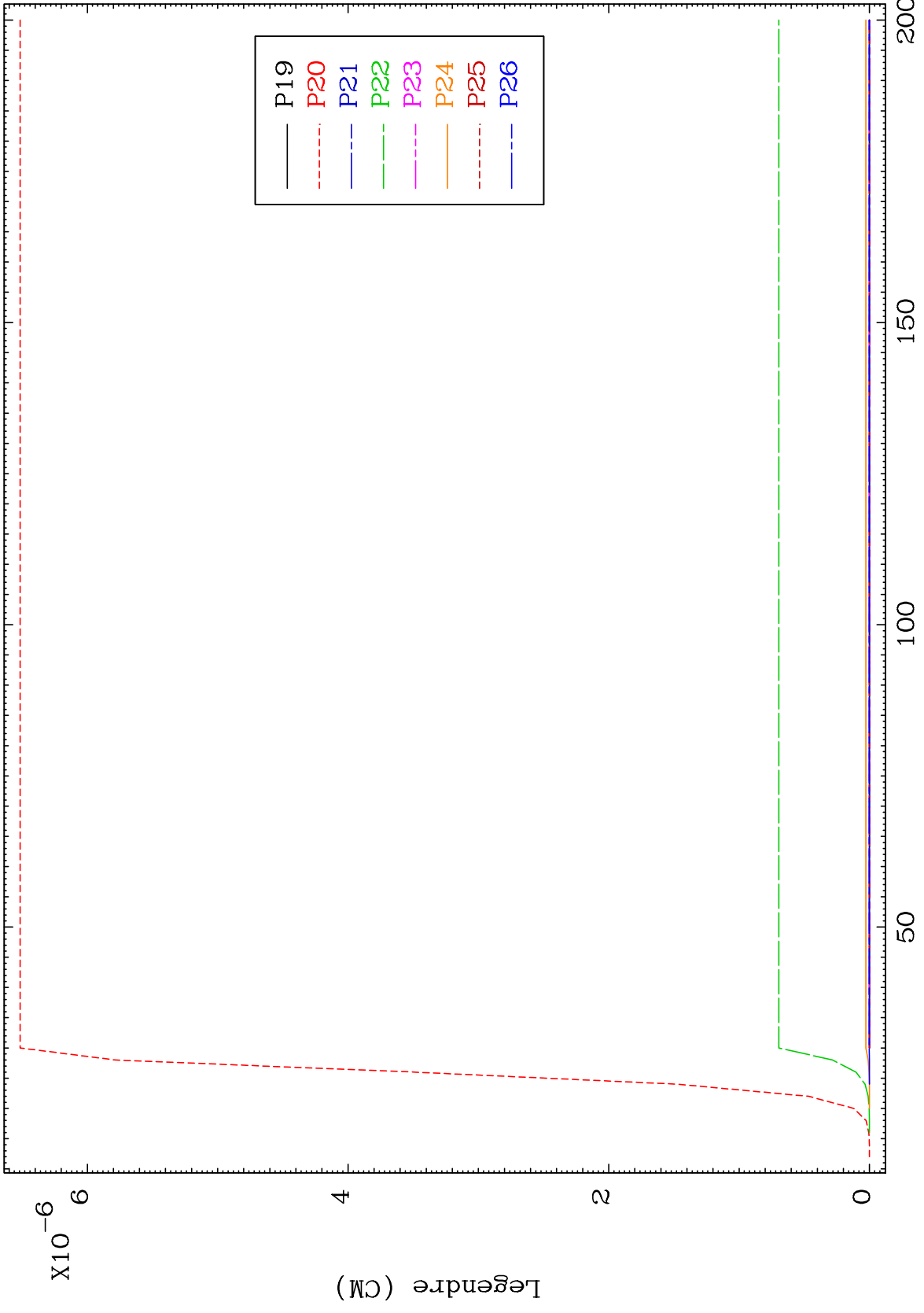
92

MAT 7510 MT= 71 (n,n') Level Legendre Coefficients 75-Re-180

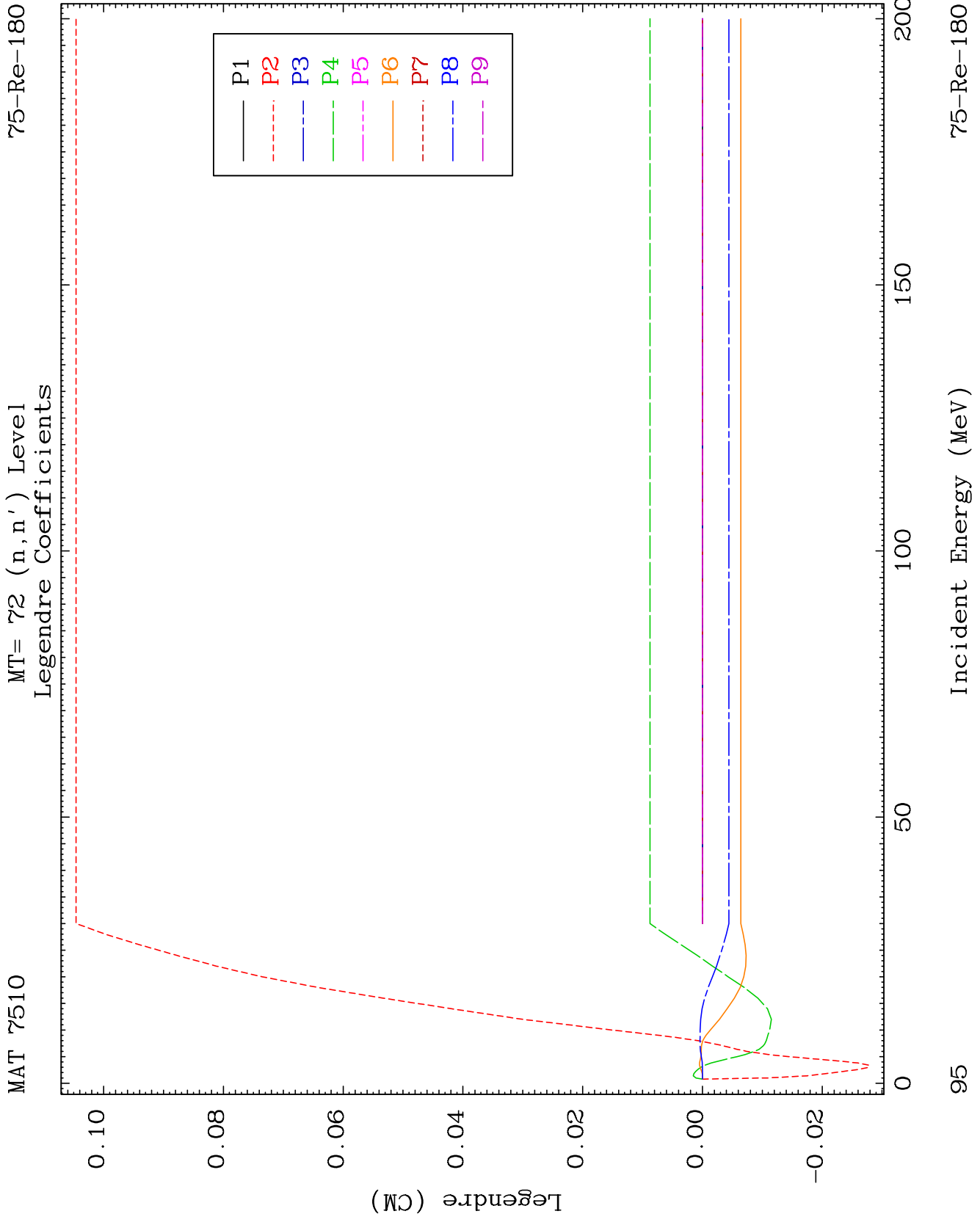


93 75-Re-180

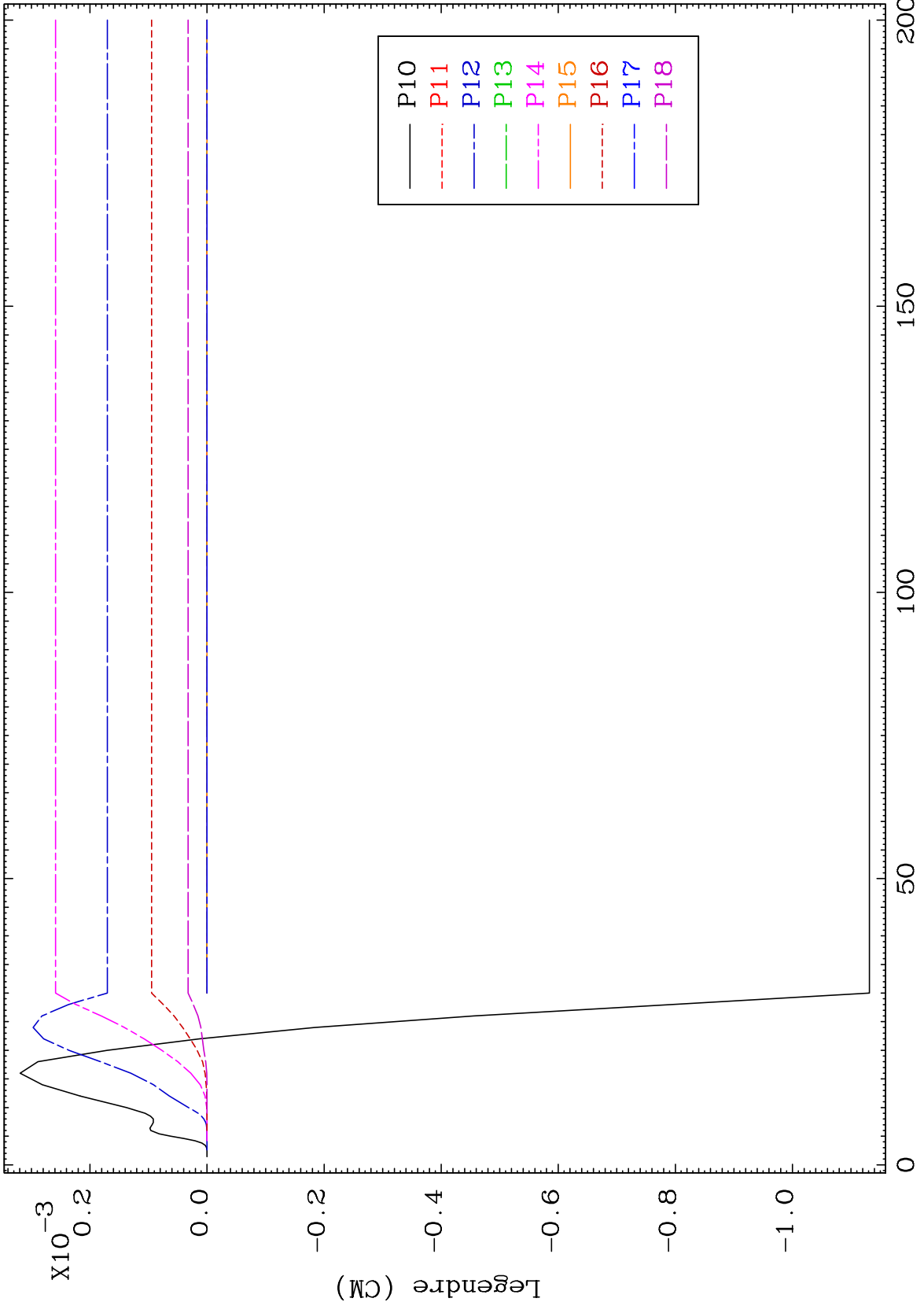
MAT 7510 MT= 71 (n,n') Level Legendre Coefficients 75-Re-180



94 75-Re-180

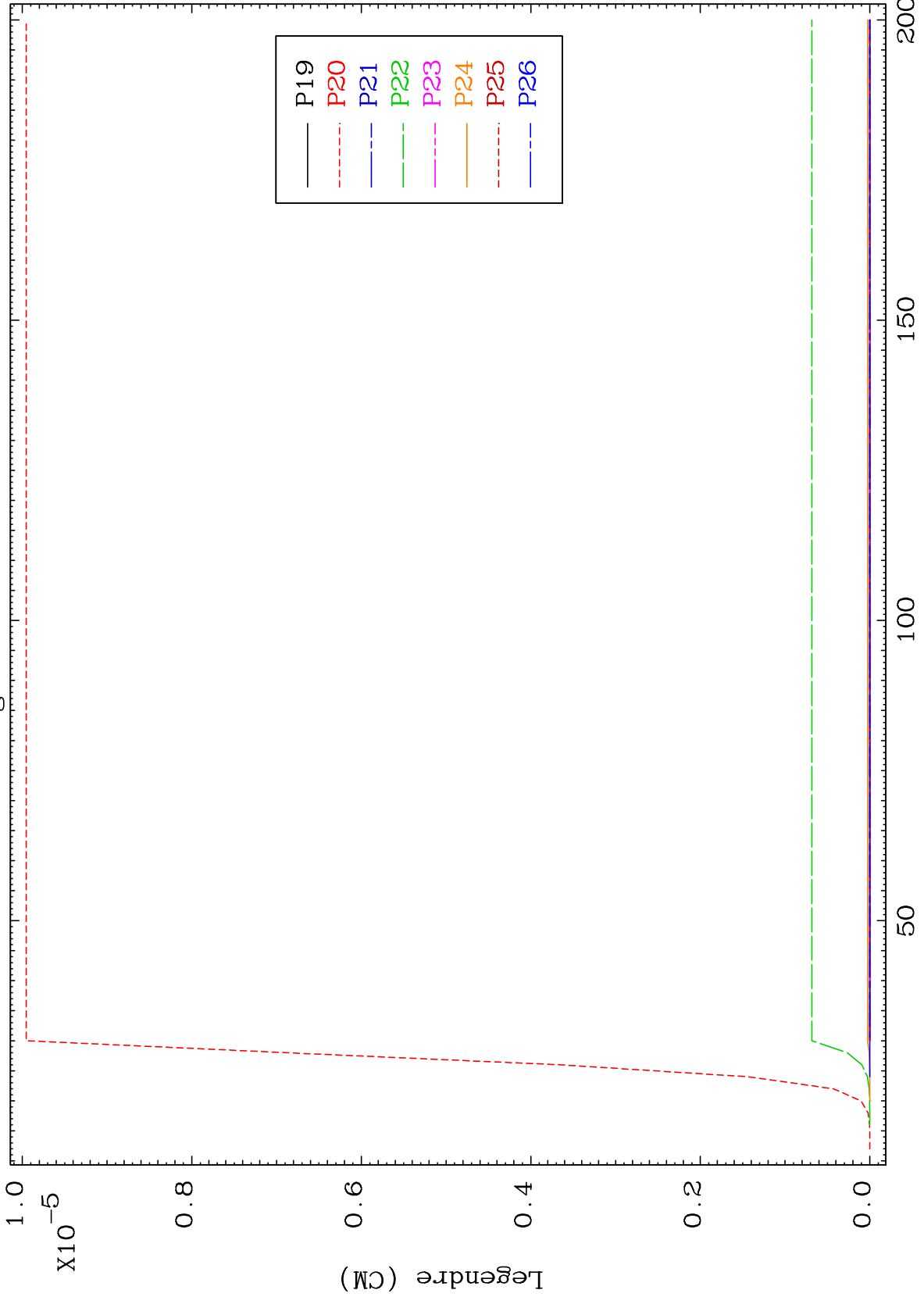


MAT 7510 MT= 72 (n,n') Level Legendre Coefficients 75-Re-180

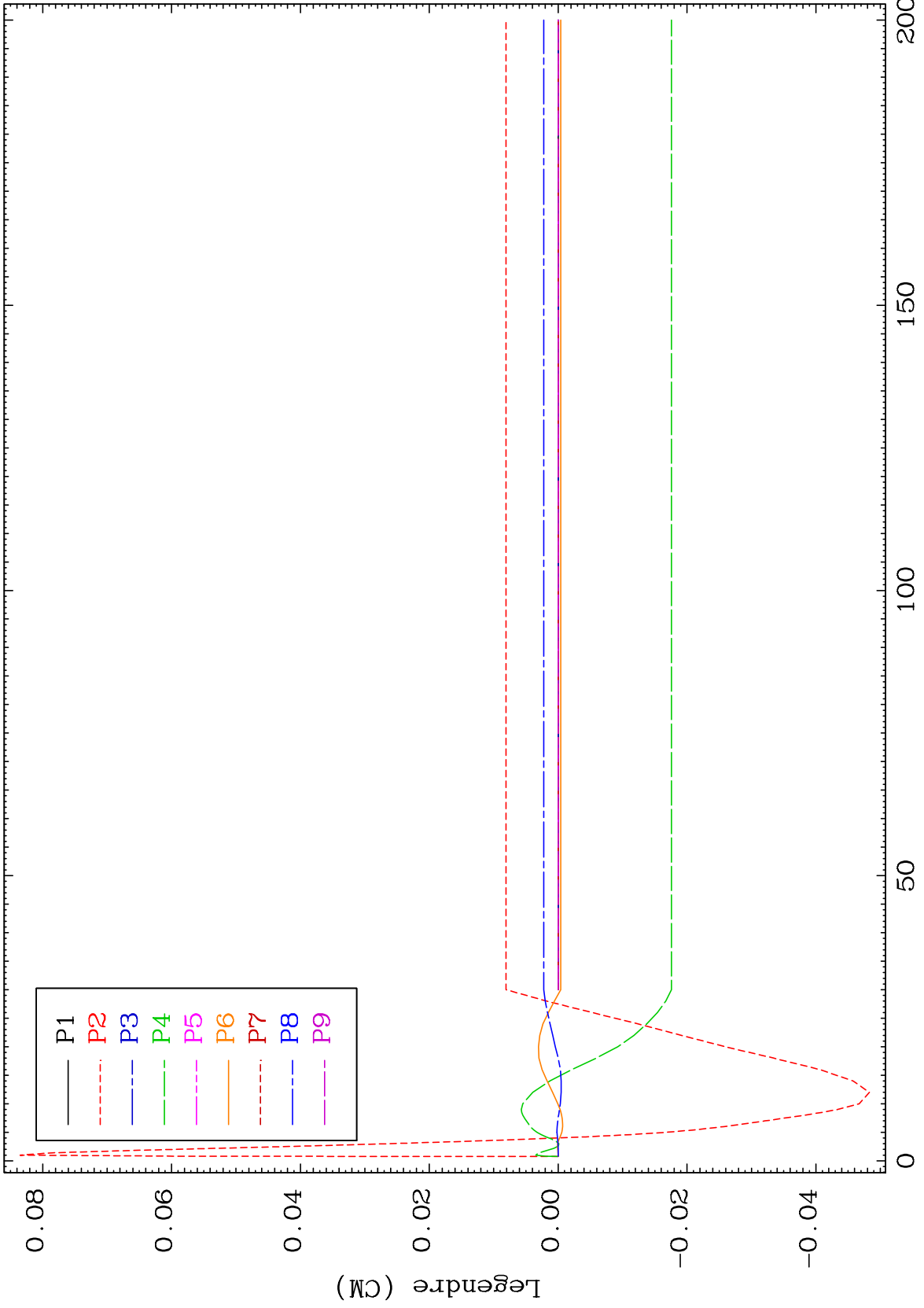


96 75-Re-180

MAT 7510 MT= 72 (n,n') Level Legendre Coefficients 75-Re-180



MAT 7510 MT= 73 (n,n') Level Legendre Coefficients 75-Re-180



75-Re-180

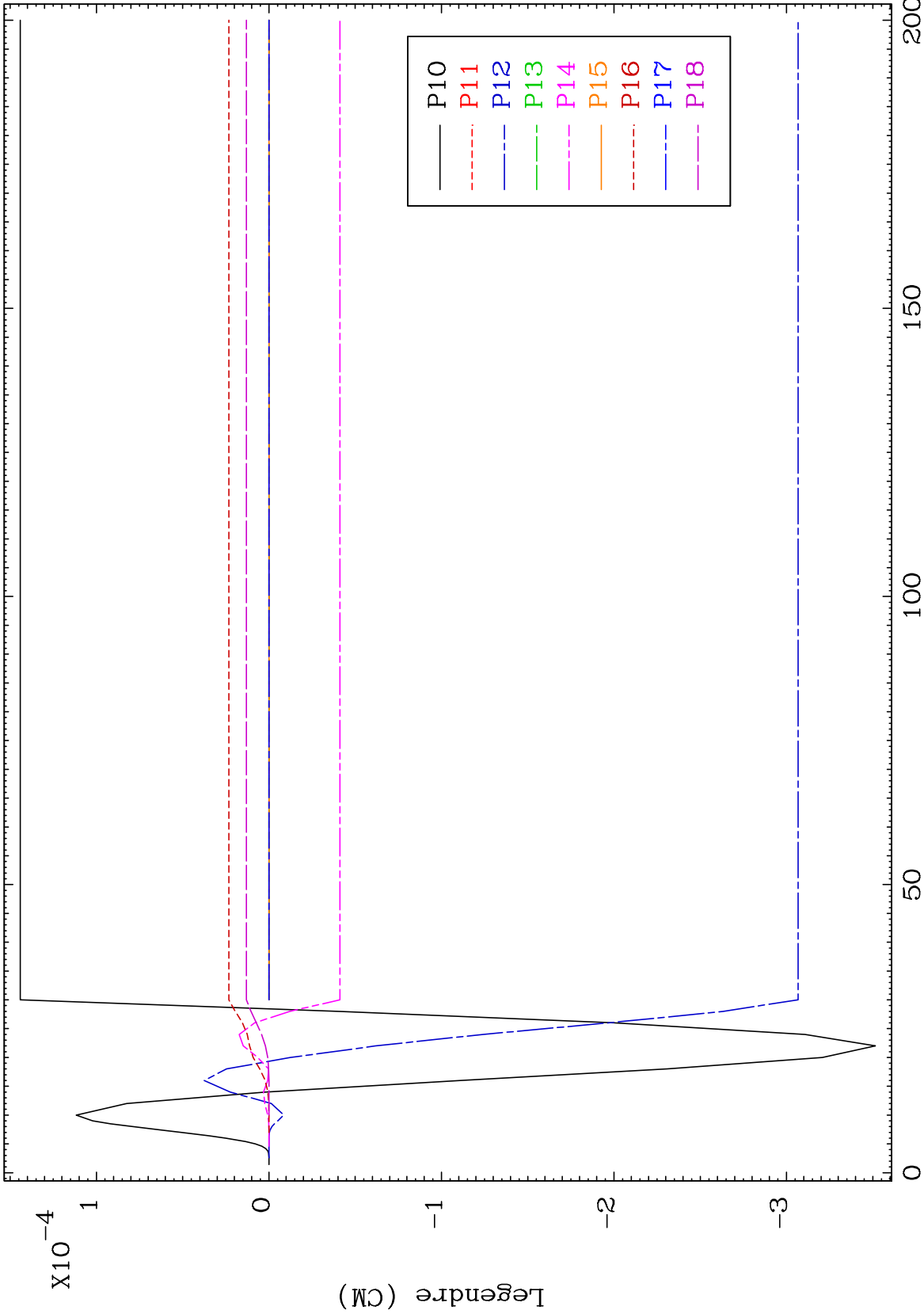
Incident Energy (MeV)

98

MAT 7510

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

75-Re-180

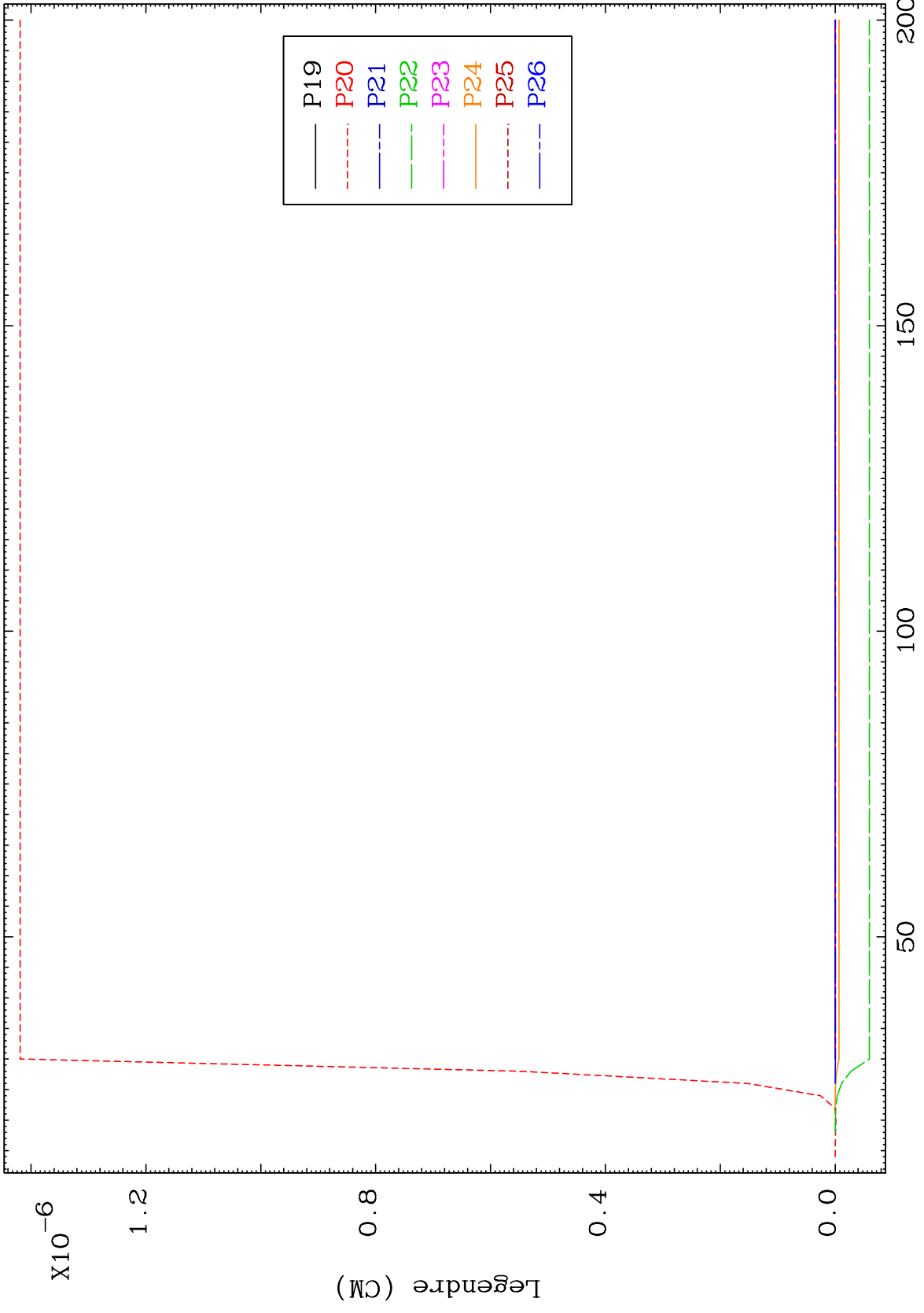


99

Incident Energy (MeV)

75-Re-180

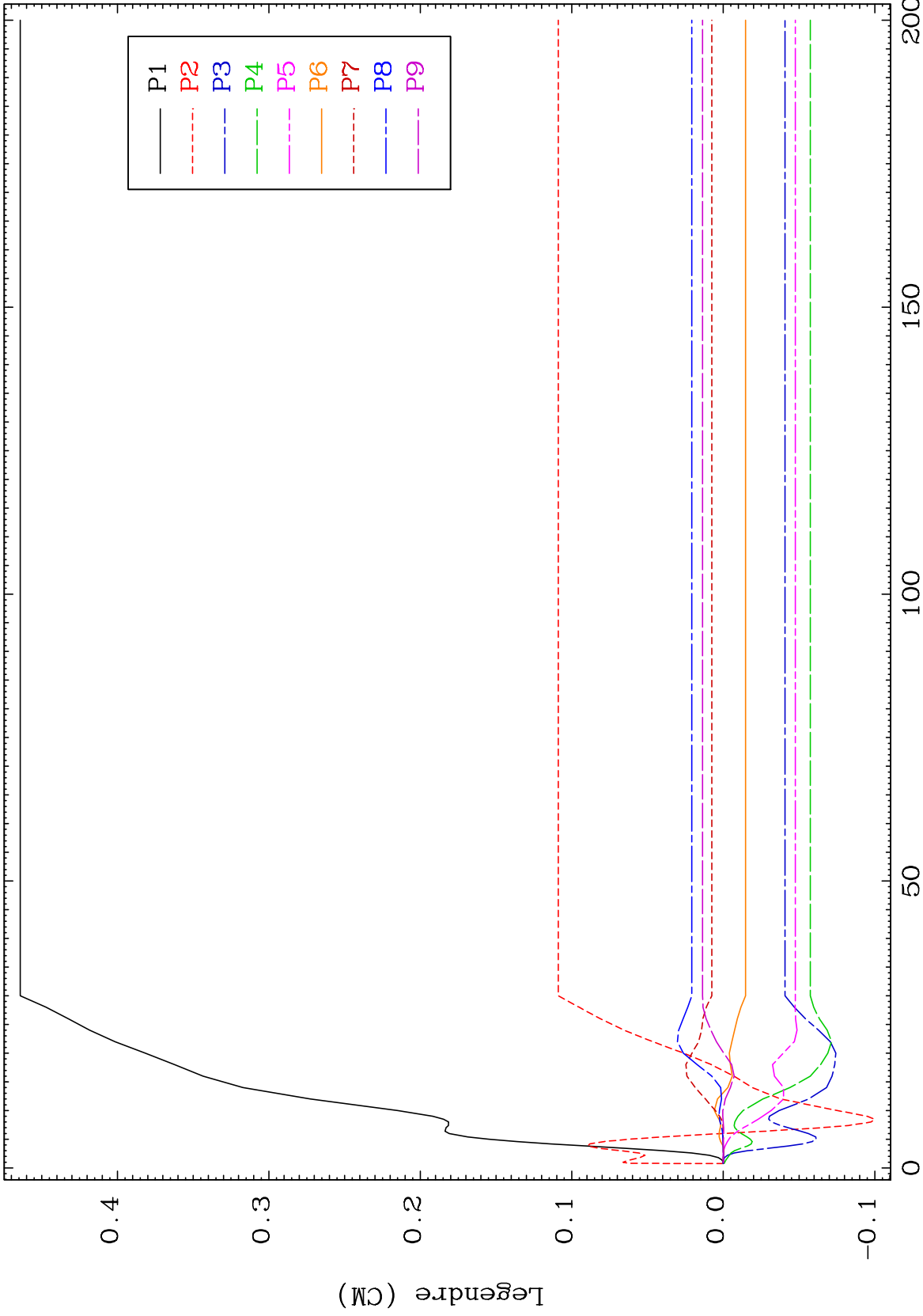
MAT 7510 MT= 73 (n,n') Level Legendre Coefficients 75-Re-180



MAT 7510

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

75-Re-180



101

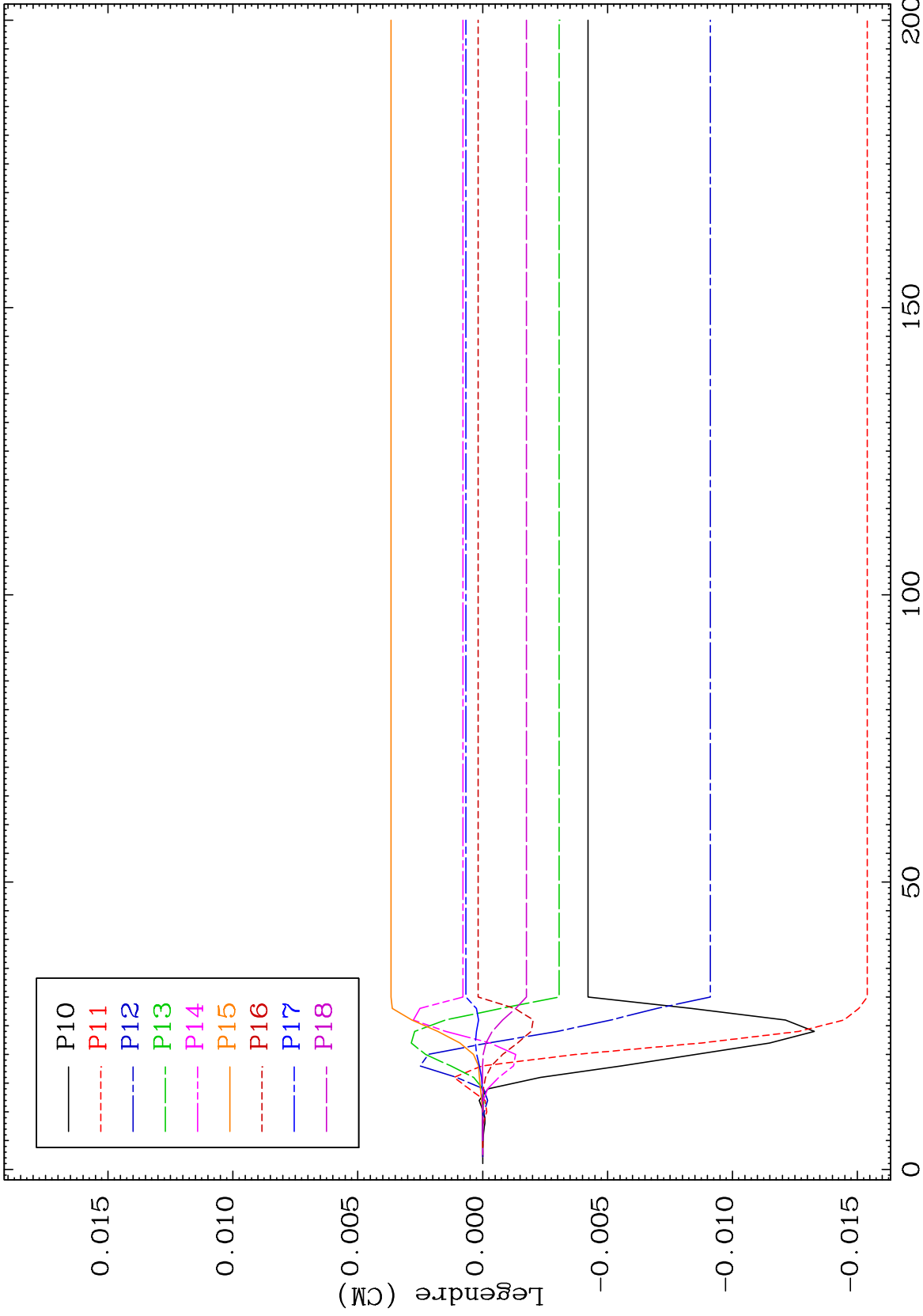
Incident Energy (MeV)

75-Re-180

MAT 7510

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

75-Re-180



102

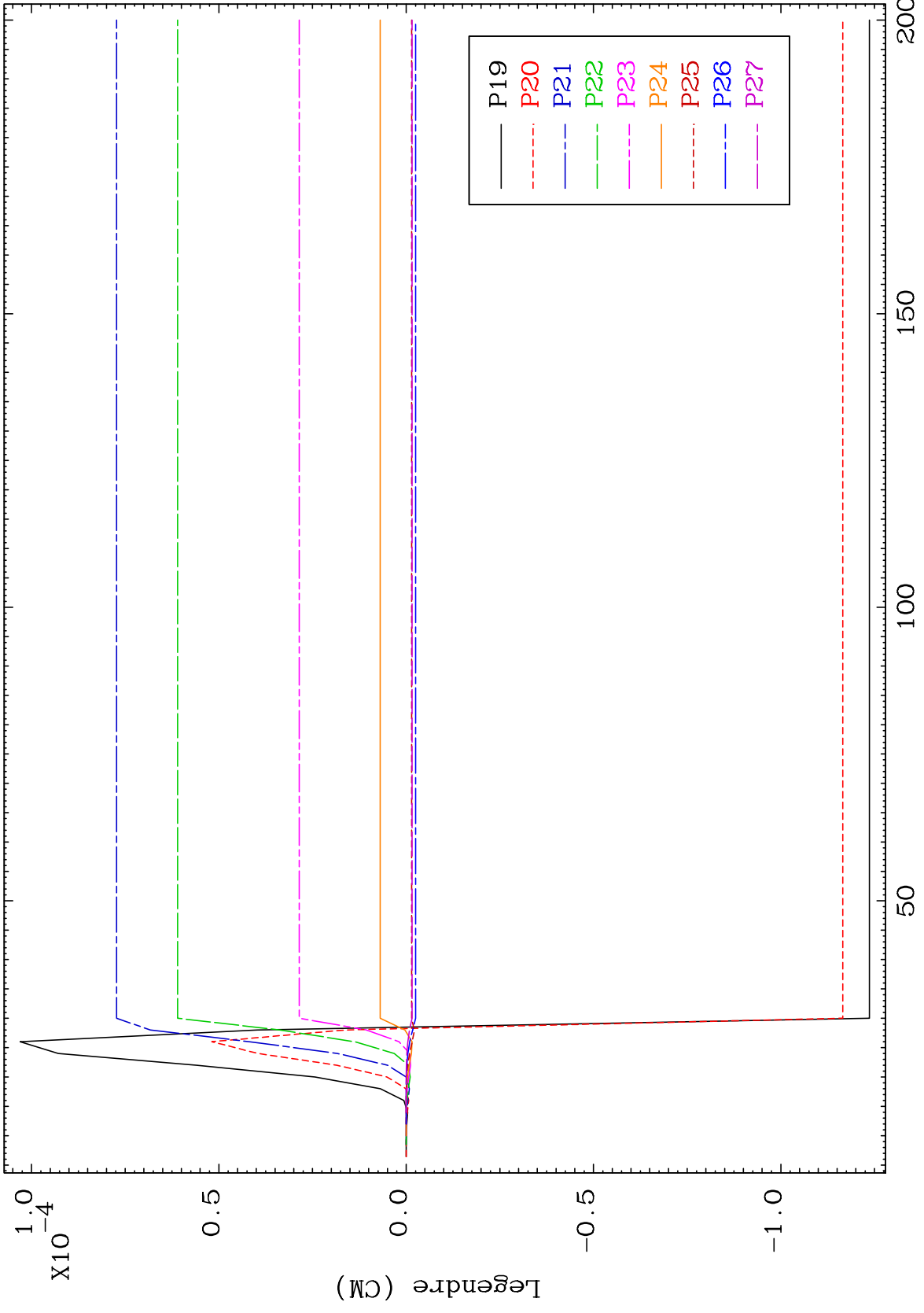
Incident Energy (MeV)

75-Re-180

MAT 7510

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

75-Re-180

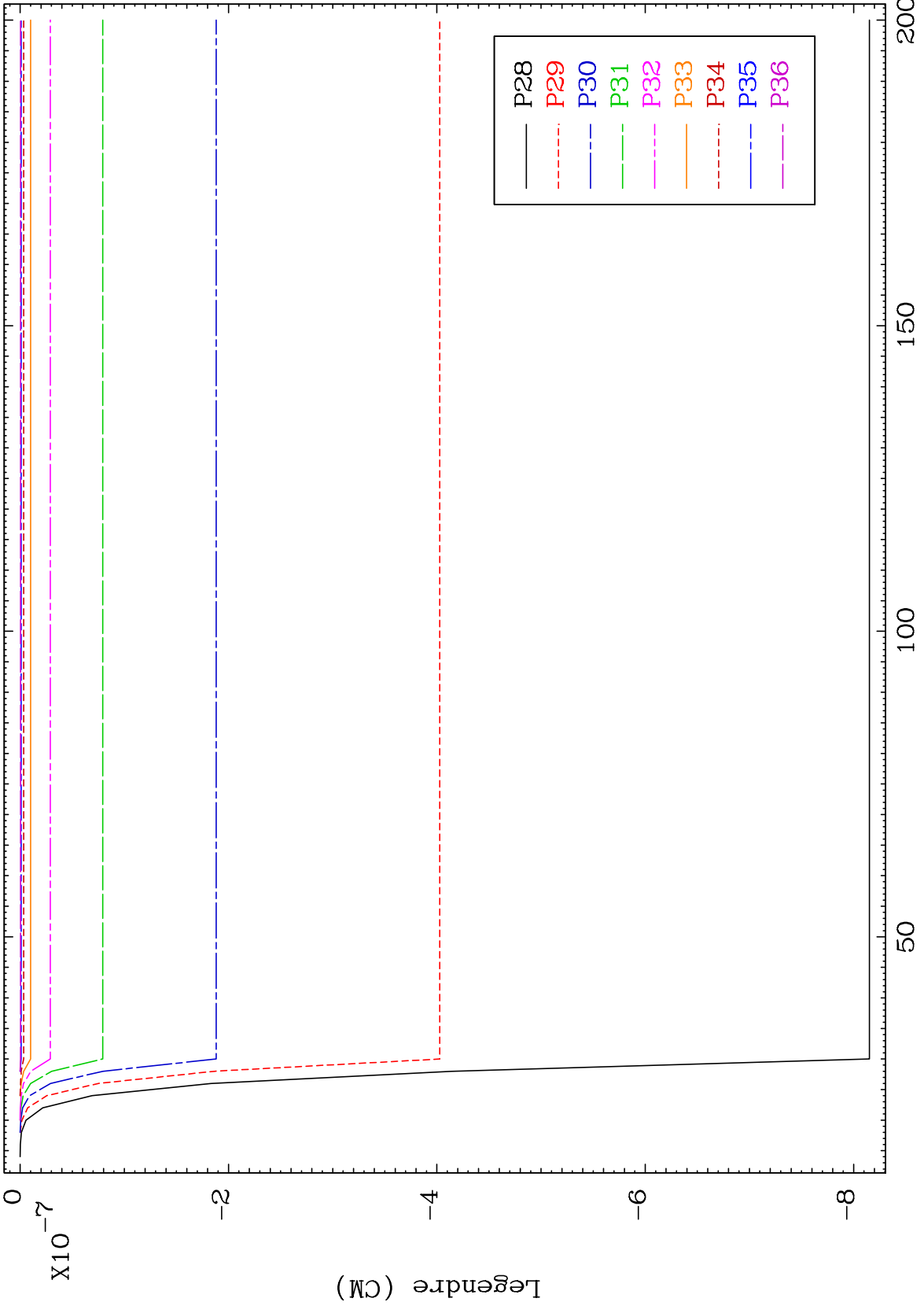


103

Incident Energy (MeV)

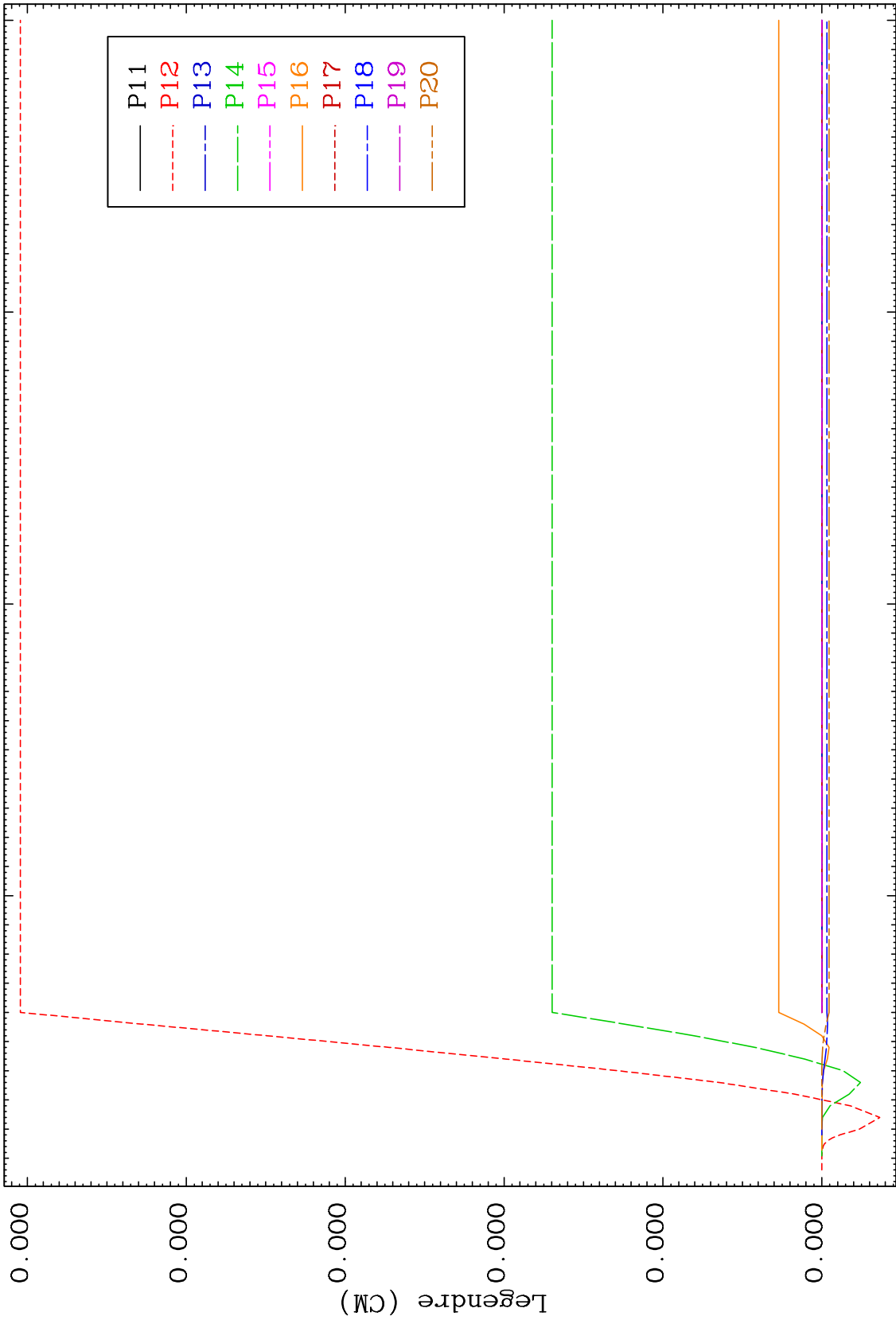
75-Re-180

MAT 7510 MT= 74 (n,n') Level Legendre Coefficients 75-Re-180



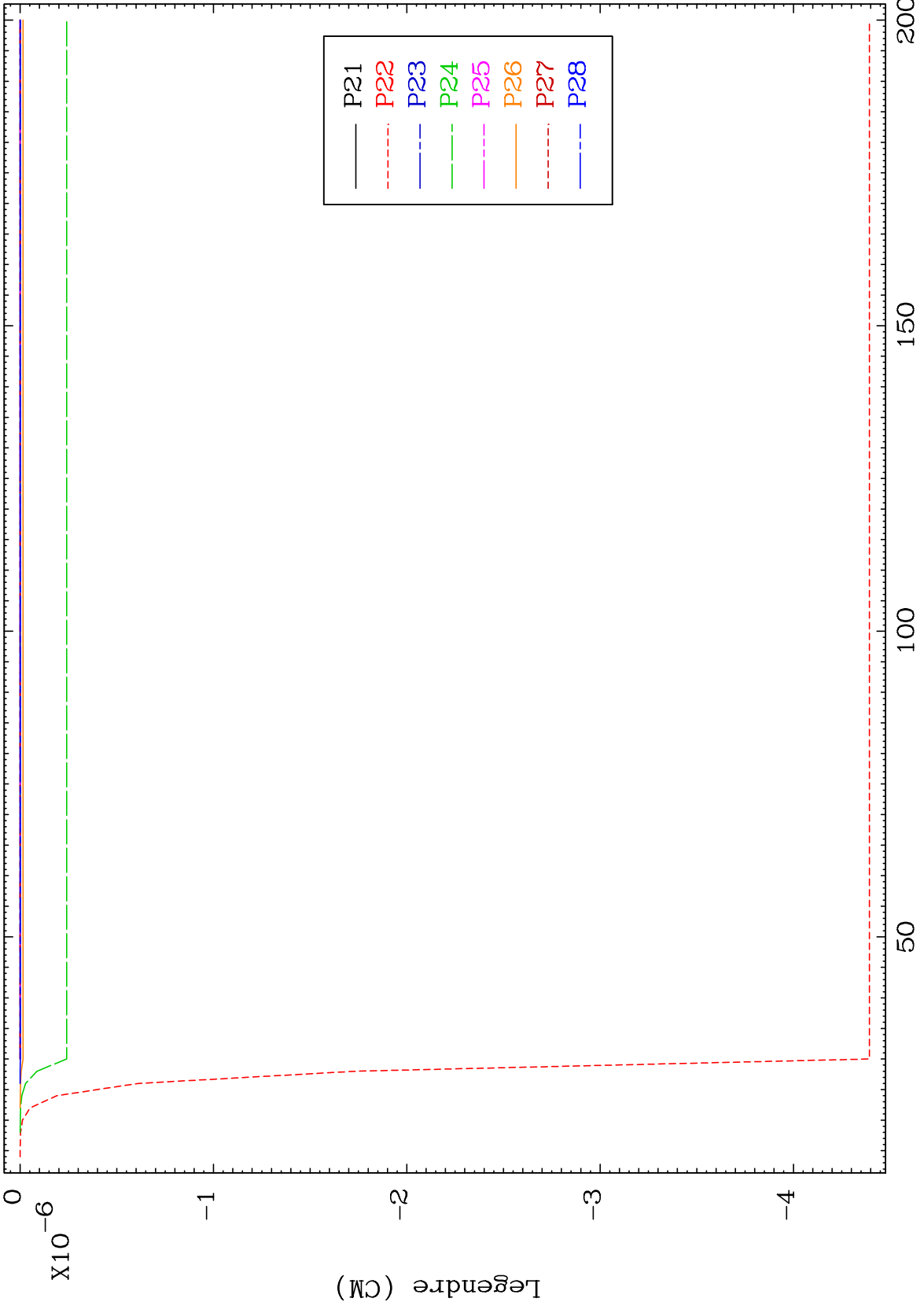
104 75-Re-180

MAT 7510 MT= 75 (n,n') Level Legendre Coefficients 75-Re-180



106 75-Re-180

MAT 7510 MT= 75 (n,n') Level Legendre Coefficients 75-Re-180

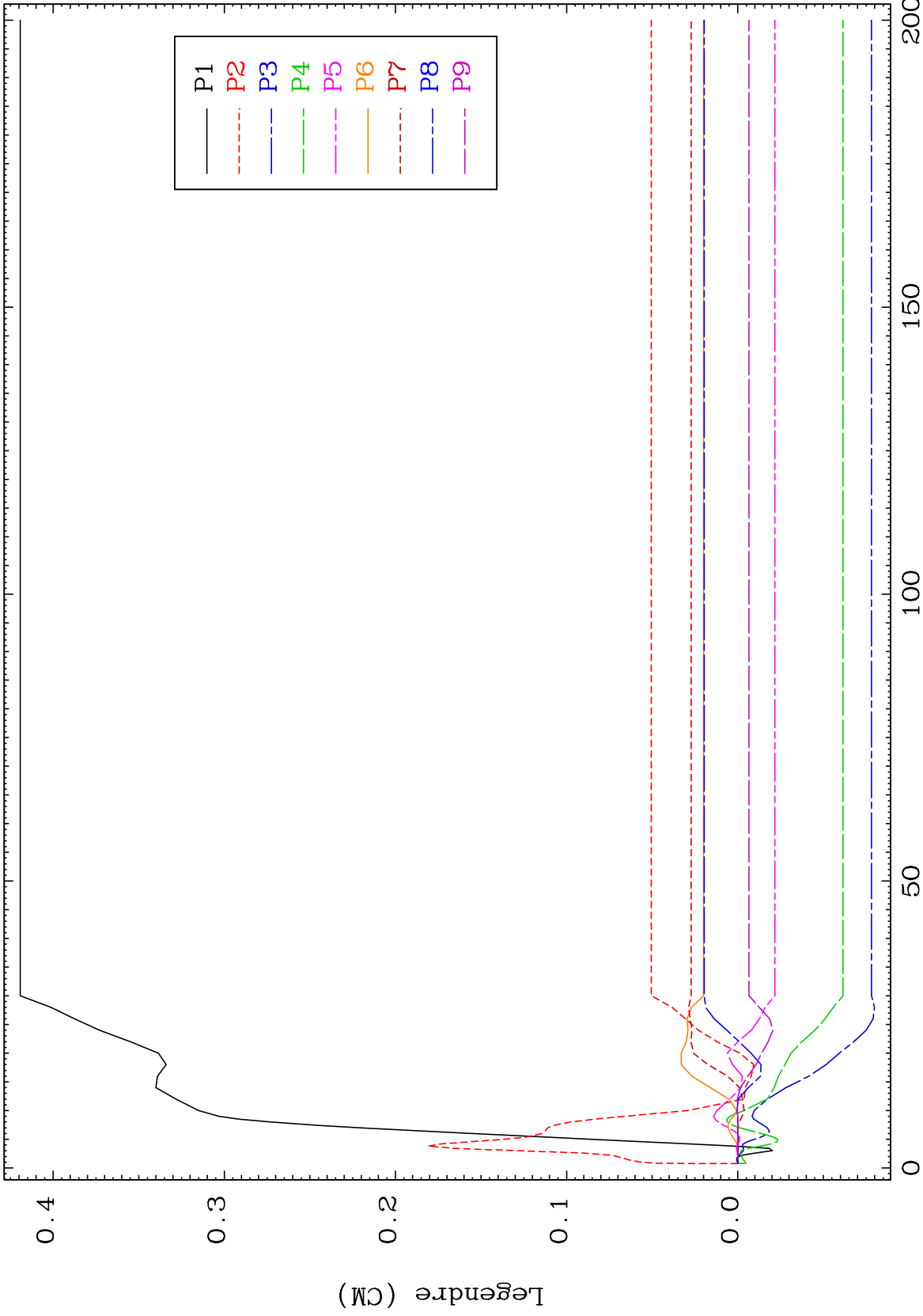


107 75-Re-180

MAT 7510

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

75-Re-180

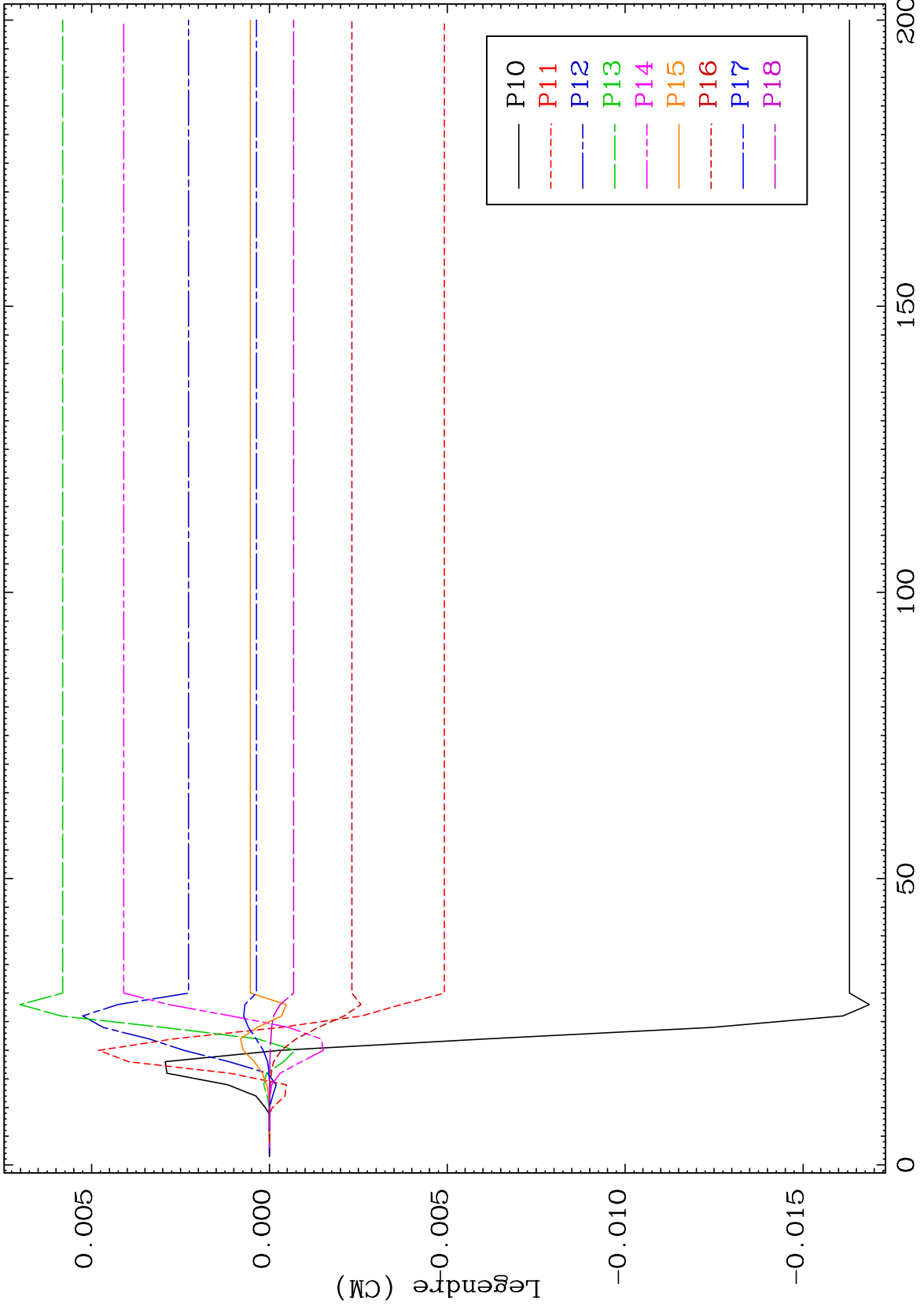


108

Incident Energy (MeV)

75-Re-180

MAT 7510 MT= 76 (n,n') Level Legendre Coefficients 75-Re-180

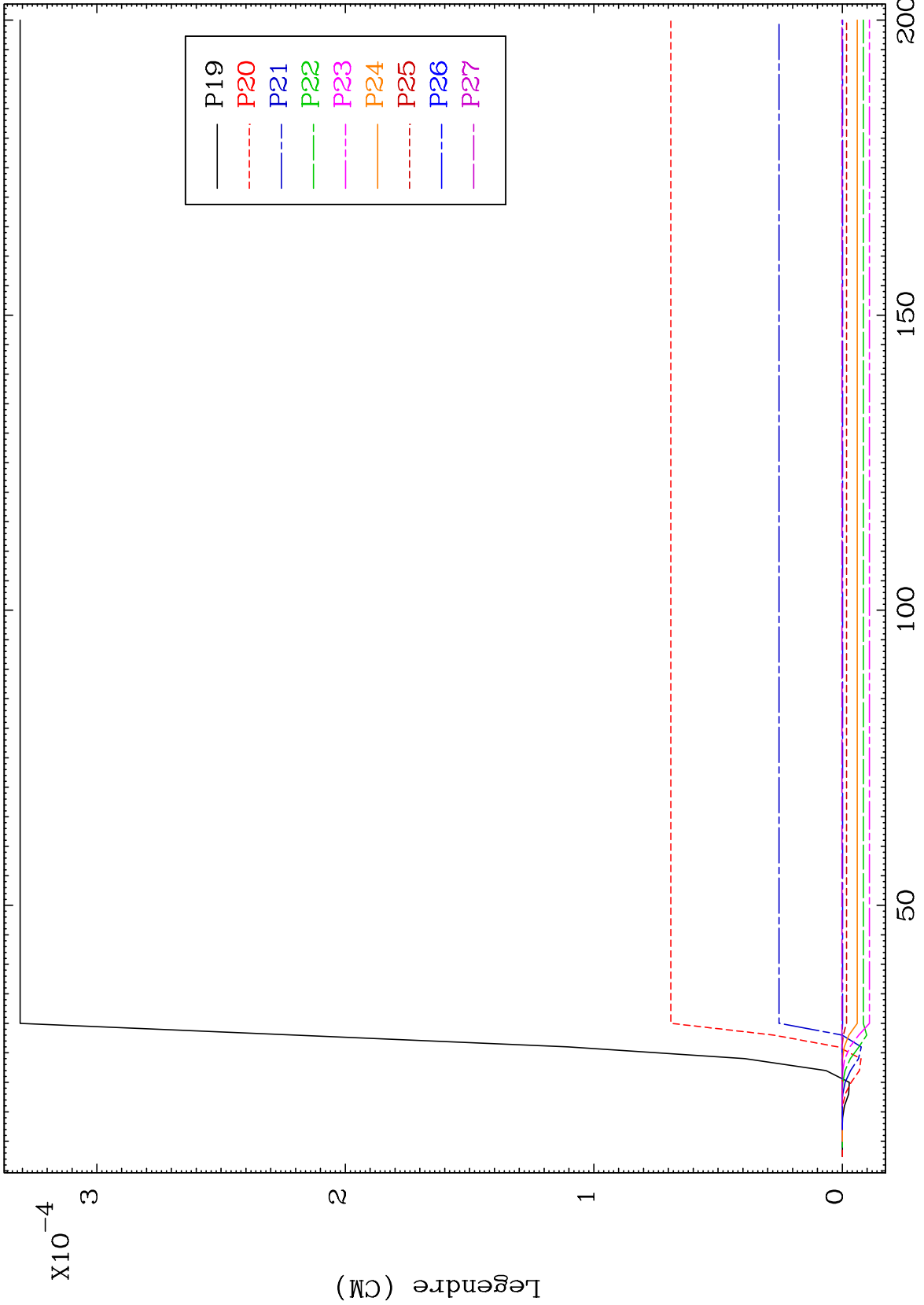


109 75-Re-180

MAT 7510

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

75-Re-180



110

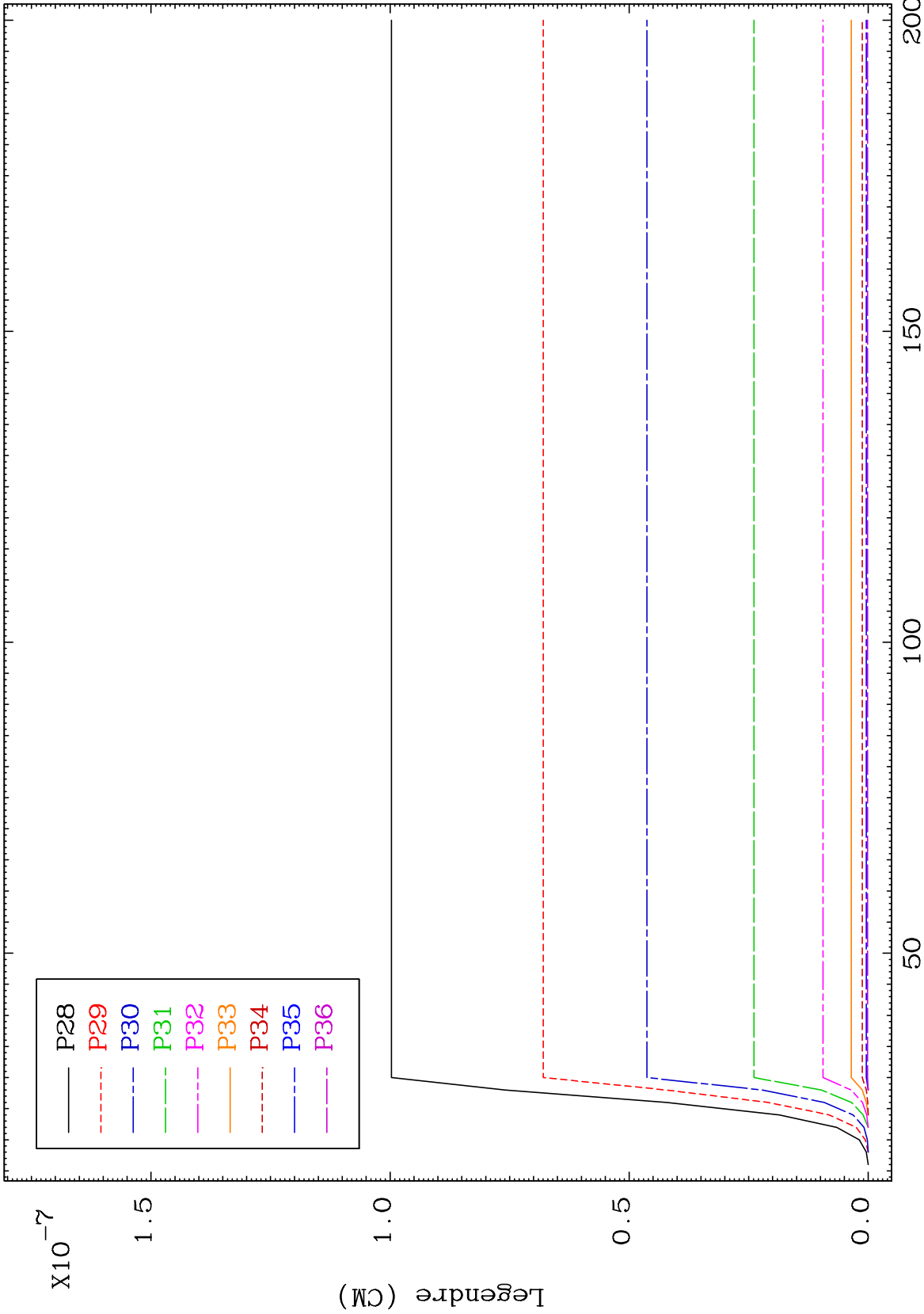
Incident Energy (MeV)

75-Re-180

MAT 7510

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

75-Re-180



111

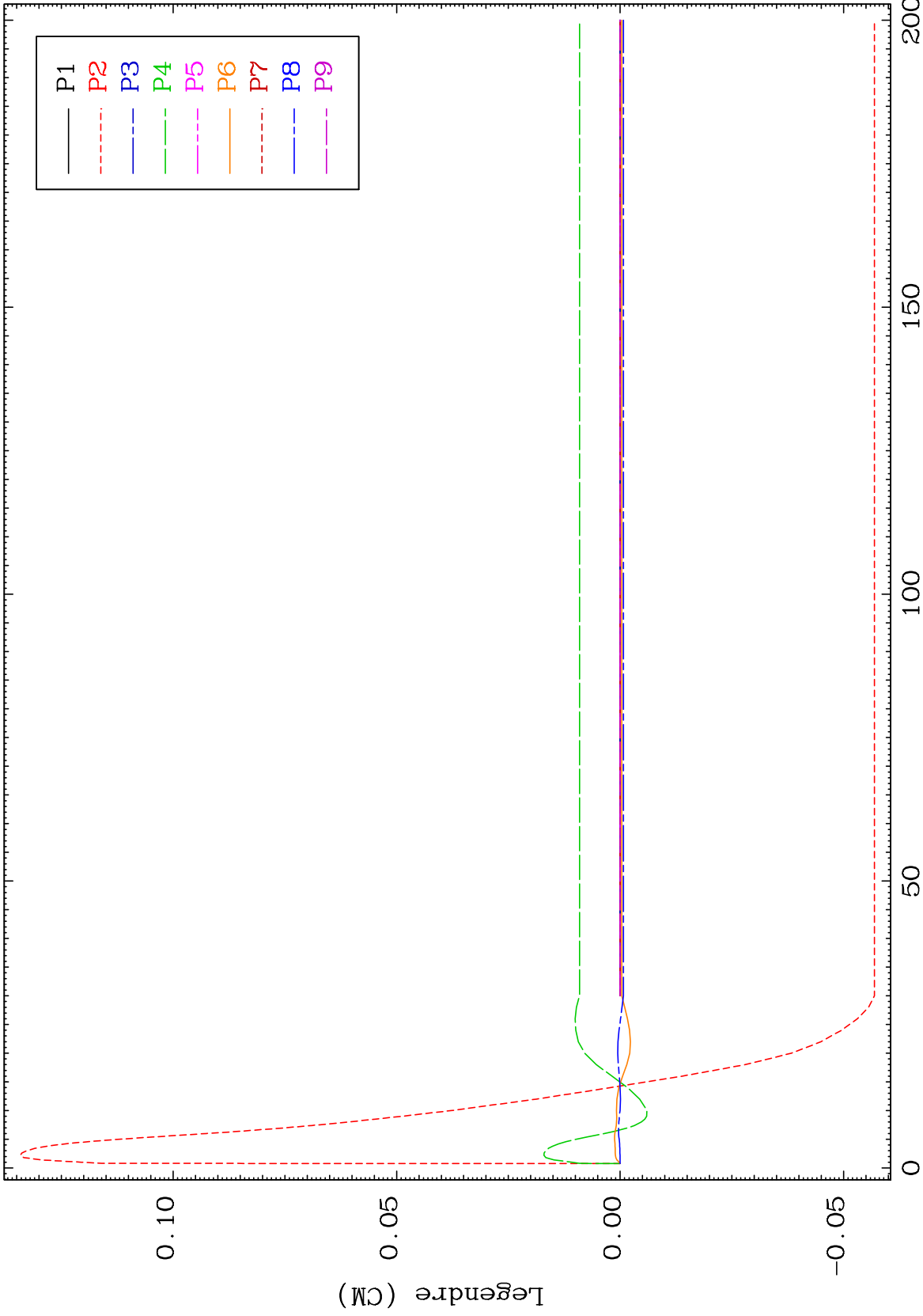
Incident Energy (MeV)

75-Re-180

MAT 7510

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

75-Re-180



112

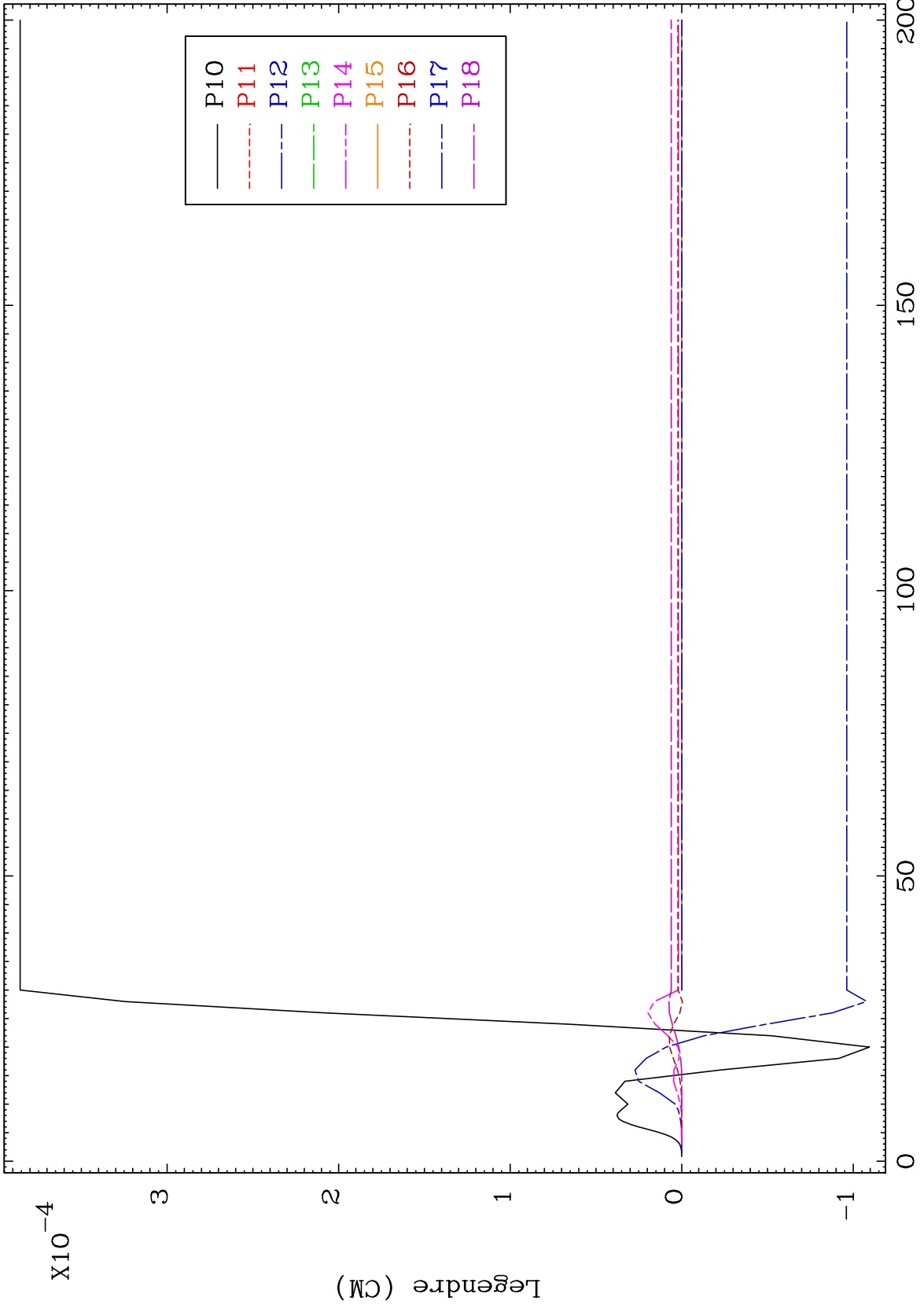
Incident Energy (MeV)

75-Re-180

MAT 7510

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

75-Re-180

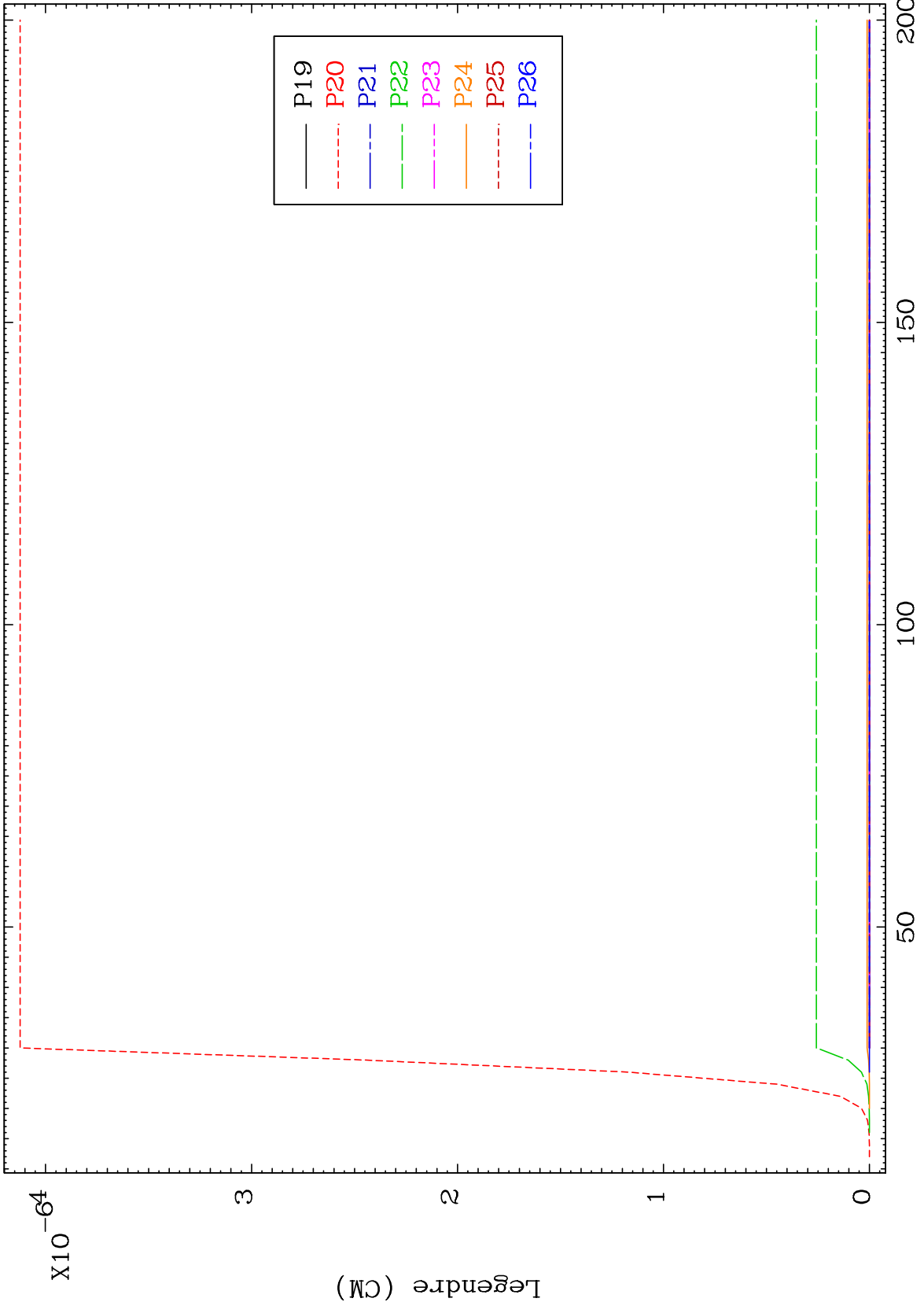


113

Incident Energy (MeV)

75-Re-180

MAT 7510 MT= 77 (n,n') Level Legendre Coefficients 75-Re-180

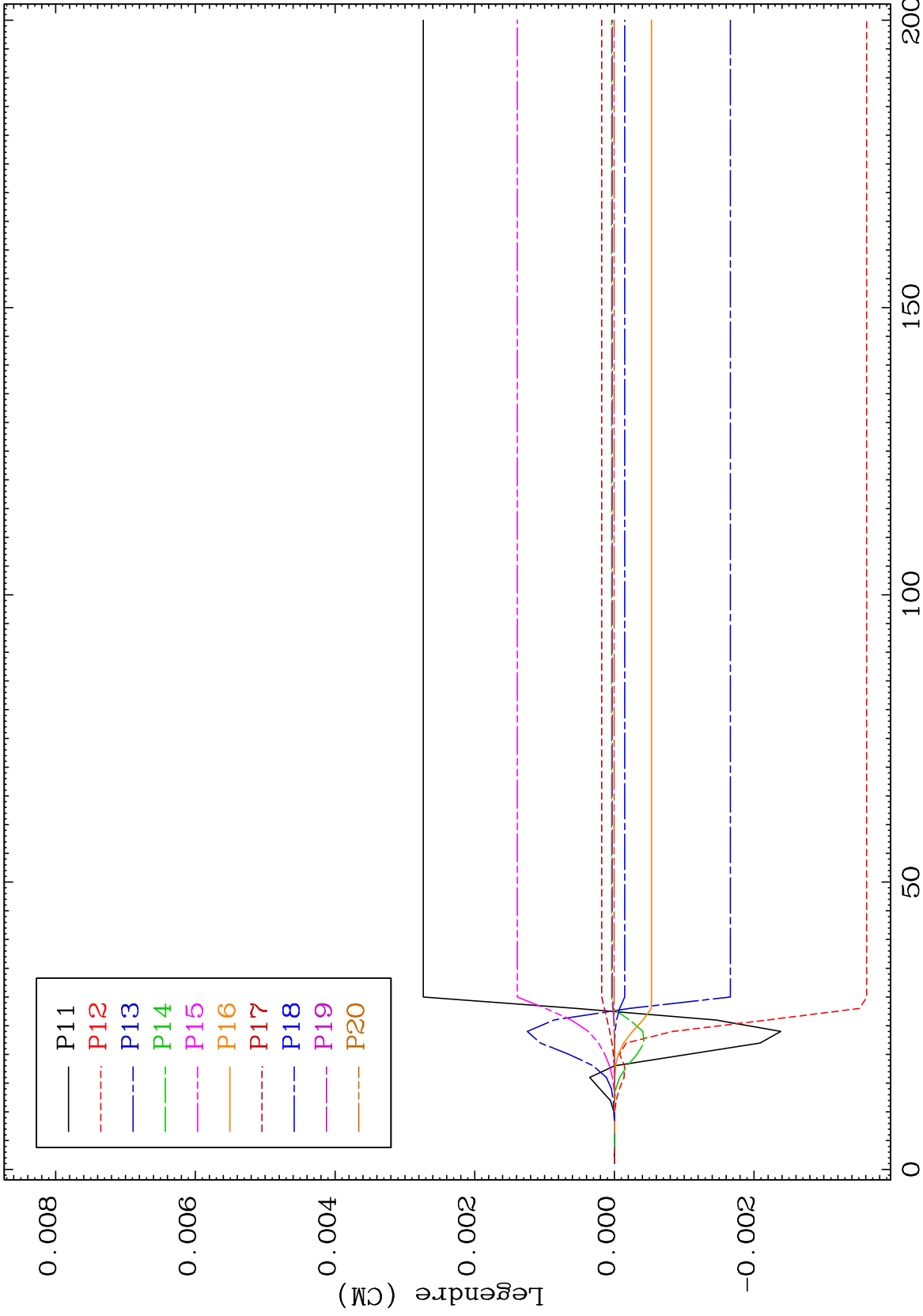


114 Incident Energy (MeV) 75-Re-180

MAT 7510

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

75-Re-180



116

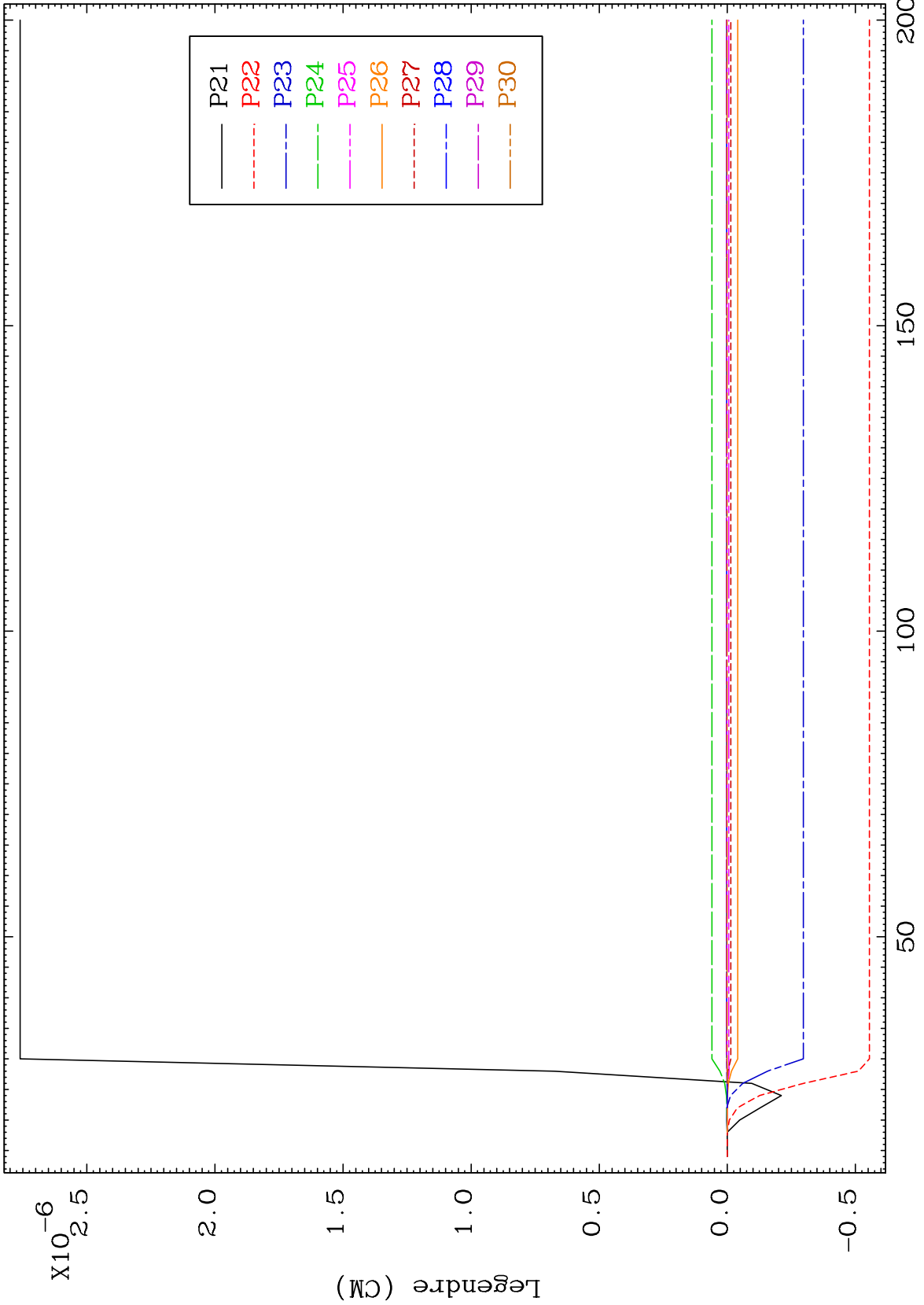
Incident Energy (MeV)

75-Re-180

MAT 7510

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

75-Re-180



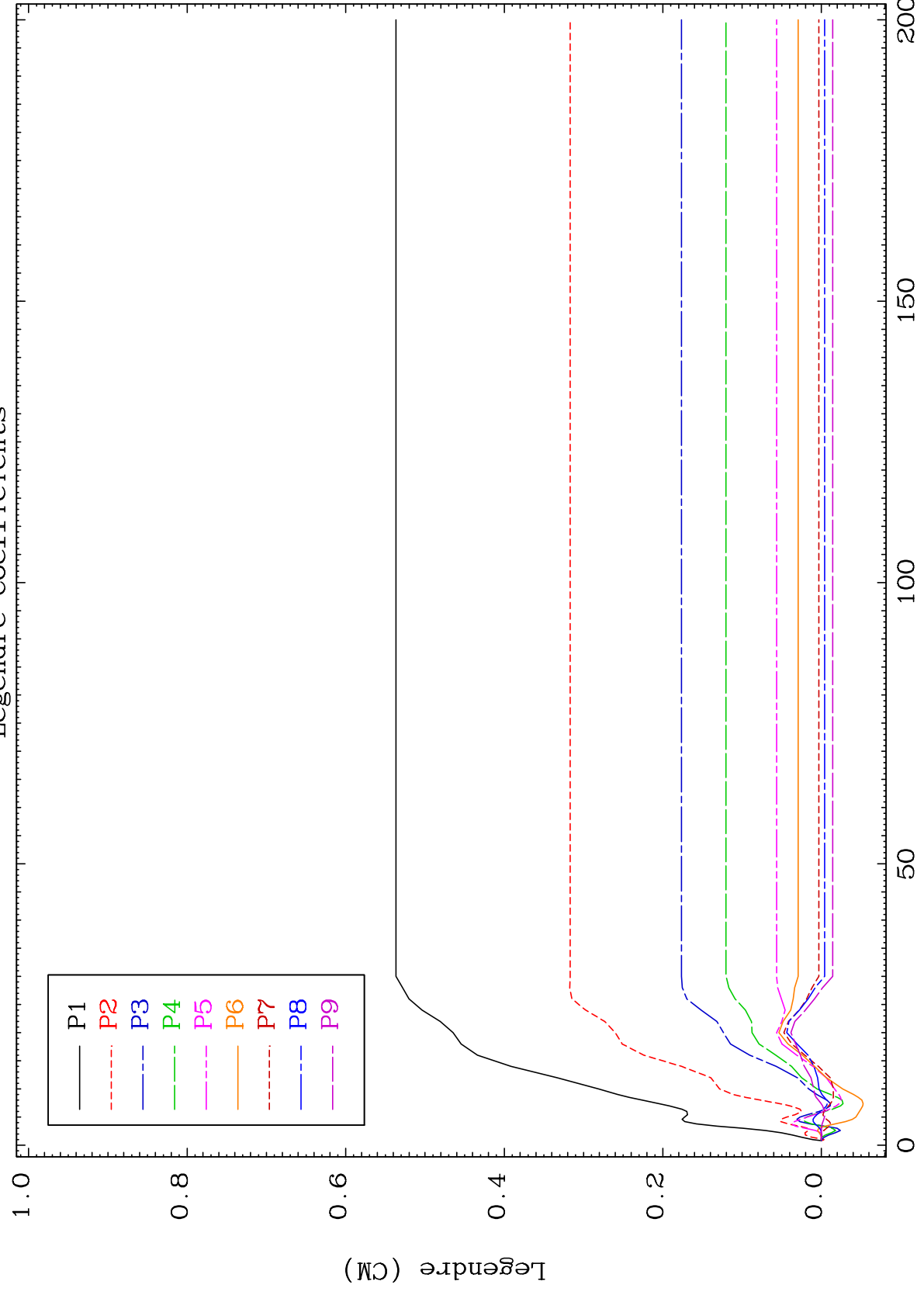
117

Incident Energy (MeV)

75-Re-180

MAT 7510 MT= 79 (n,n') Level Legendre Coefficients

75-Re-180

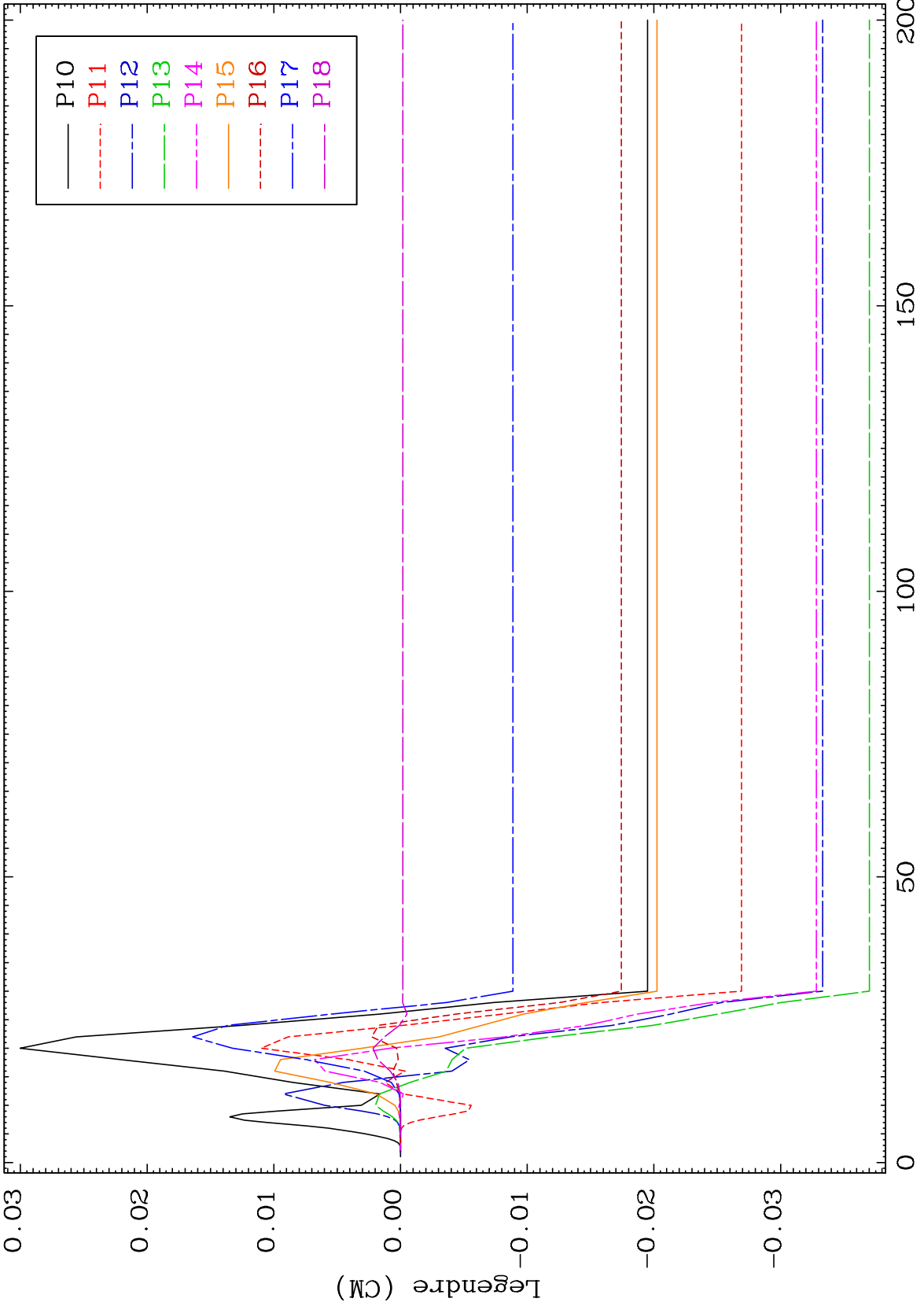


75-Re-180

Incident Energy (MeV)

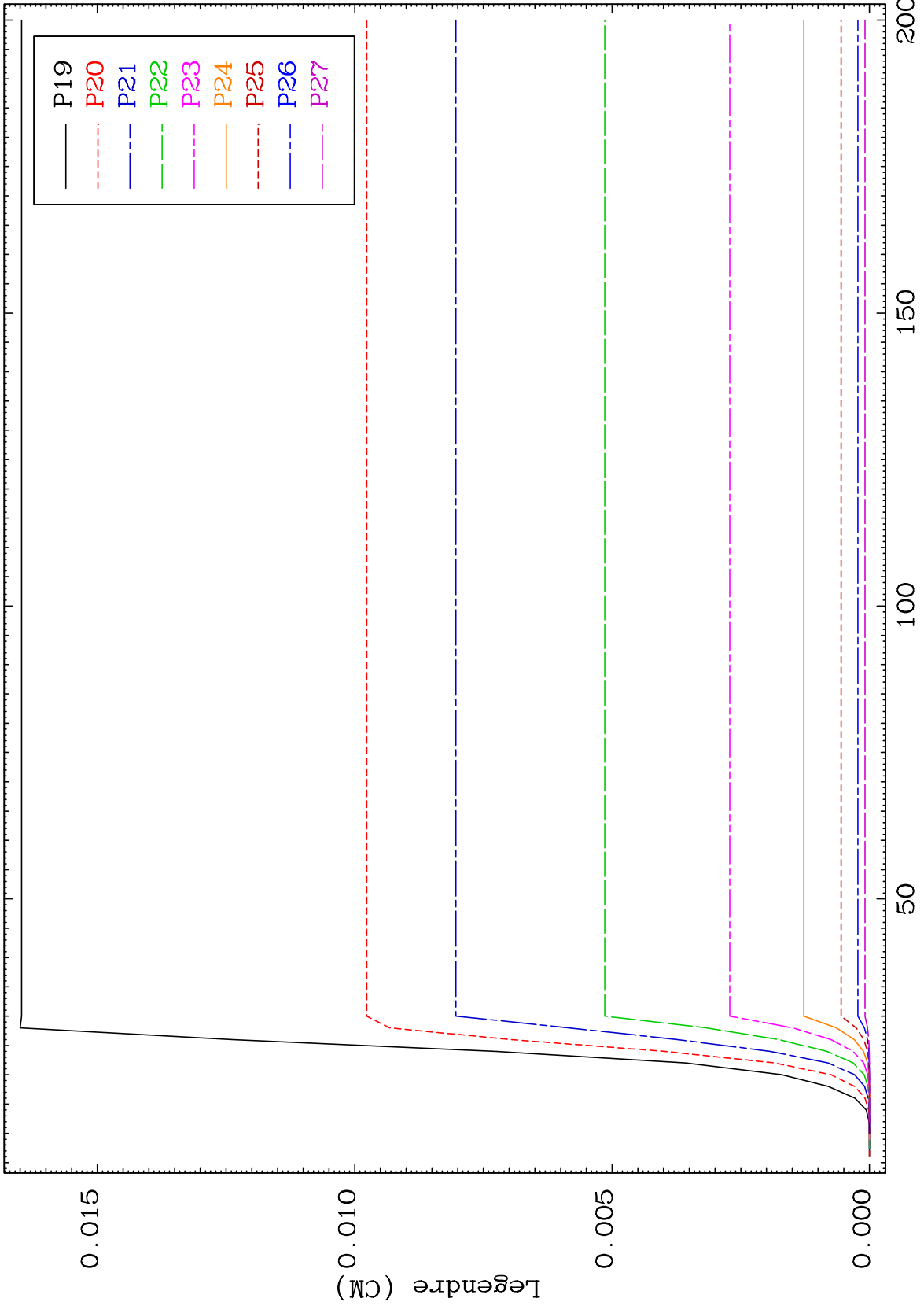
118

MAT 7510 MT= 79 (n,n') Level Legendre Coefficients 75-Re-180



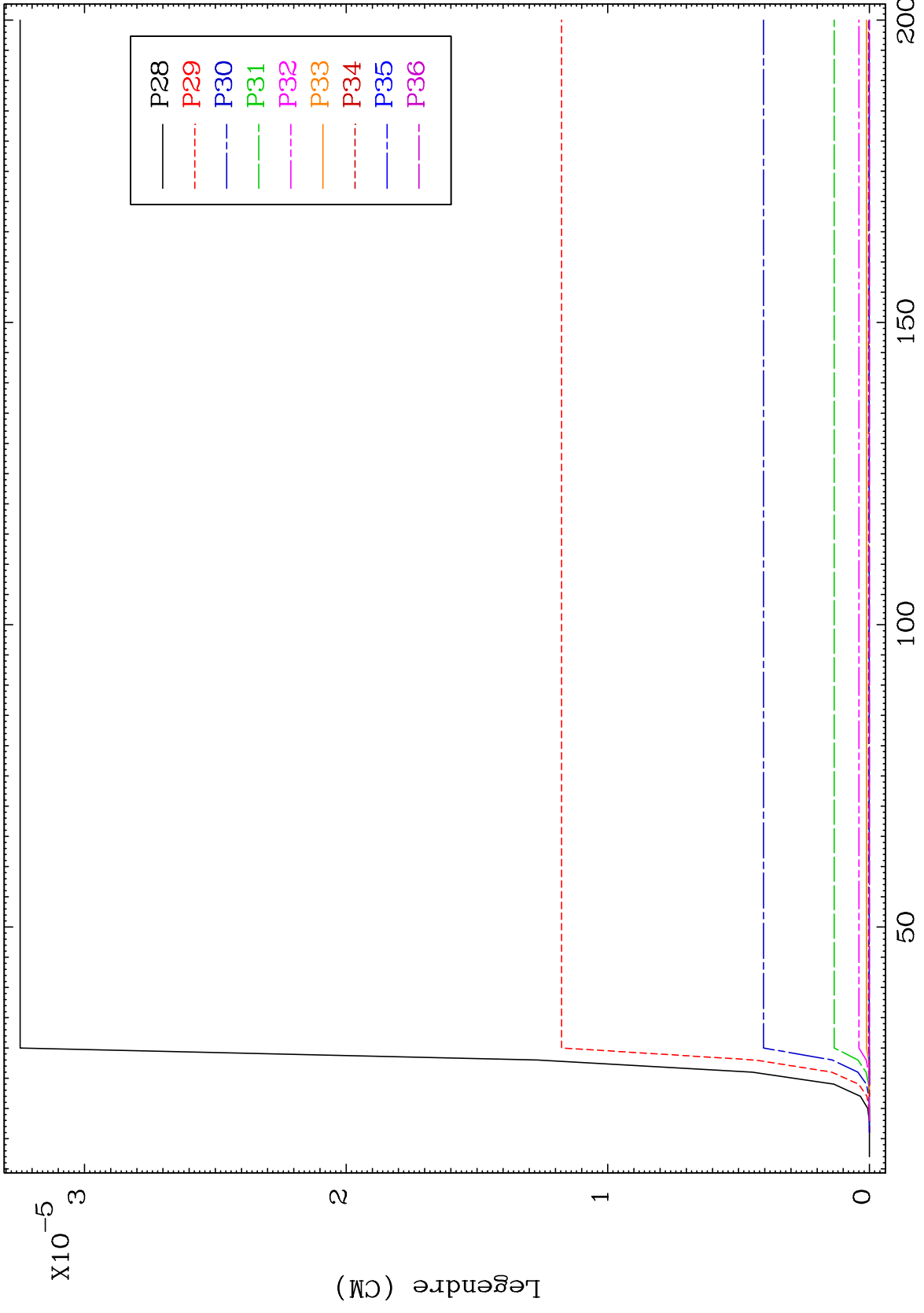
119 75-Re-180

MAT 7510 MT= 79 (n,n') Level Legendre Coefficients 75-Re-180



Incident Energy (MeV) 75-Re-180

MAT 7510 MT= 79 (n,n') Level Legendre Coefficients 75-Re-180

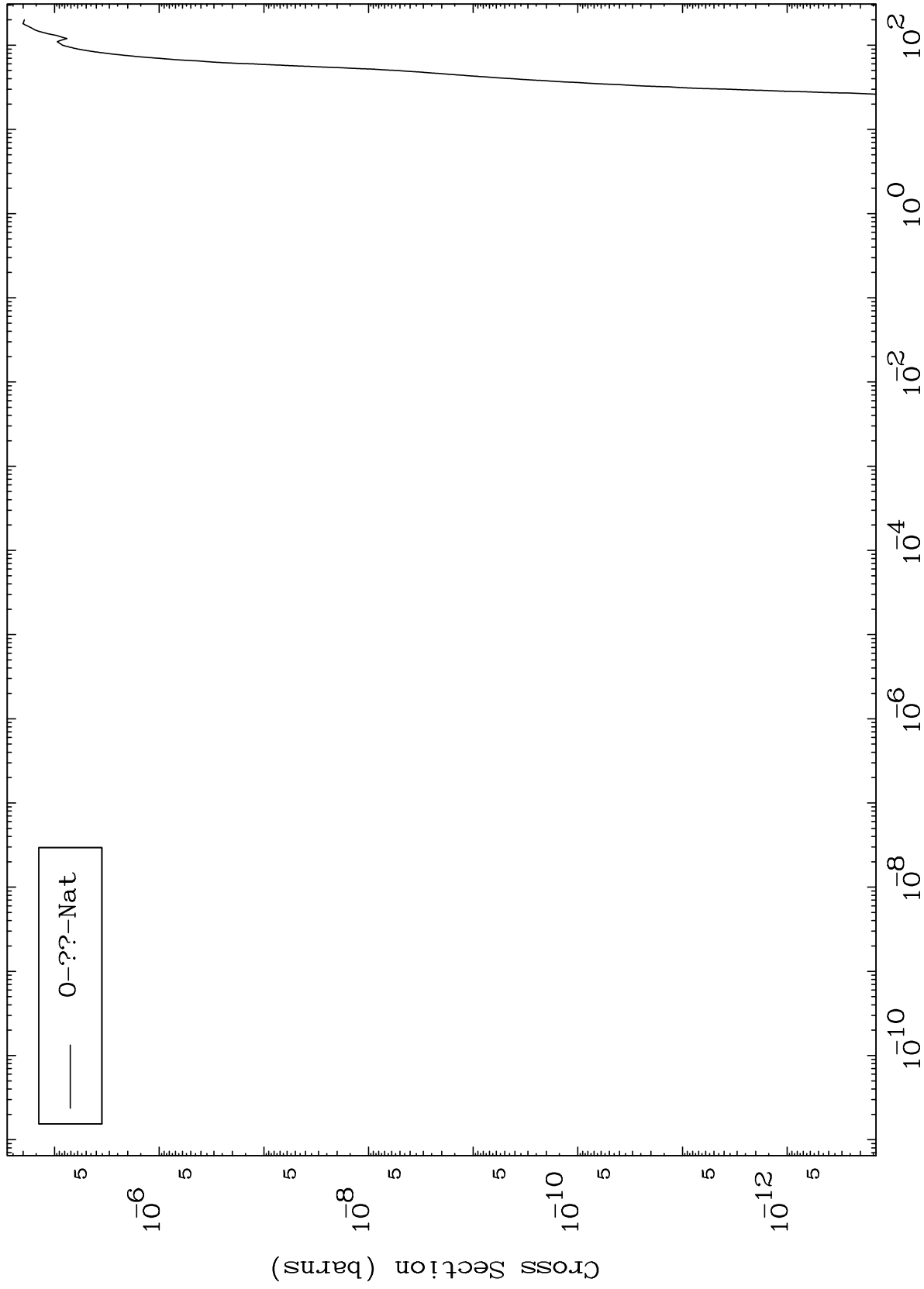


121 Incident Energy (MeV) 75-Re-180

MAT 7510

Fission
Radionuclide Production Cross Section

75-Re-180



122

Incident Energy (MeV)

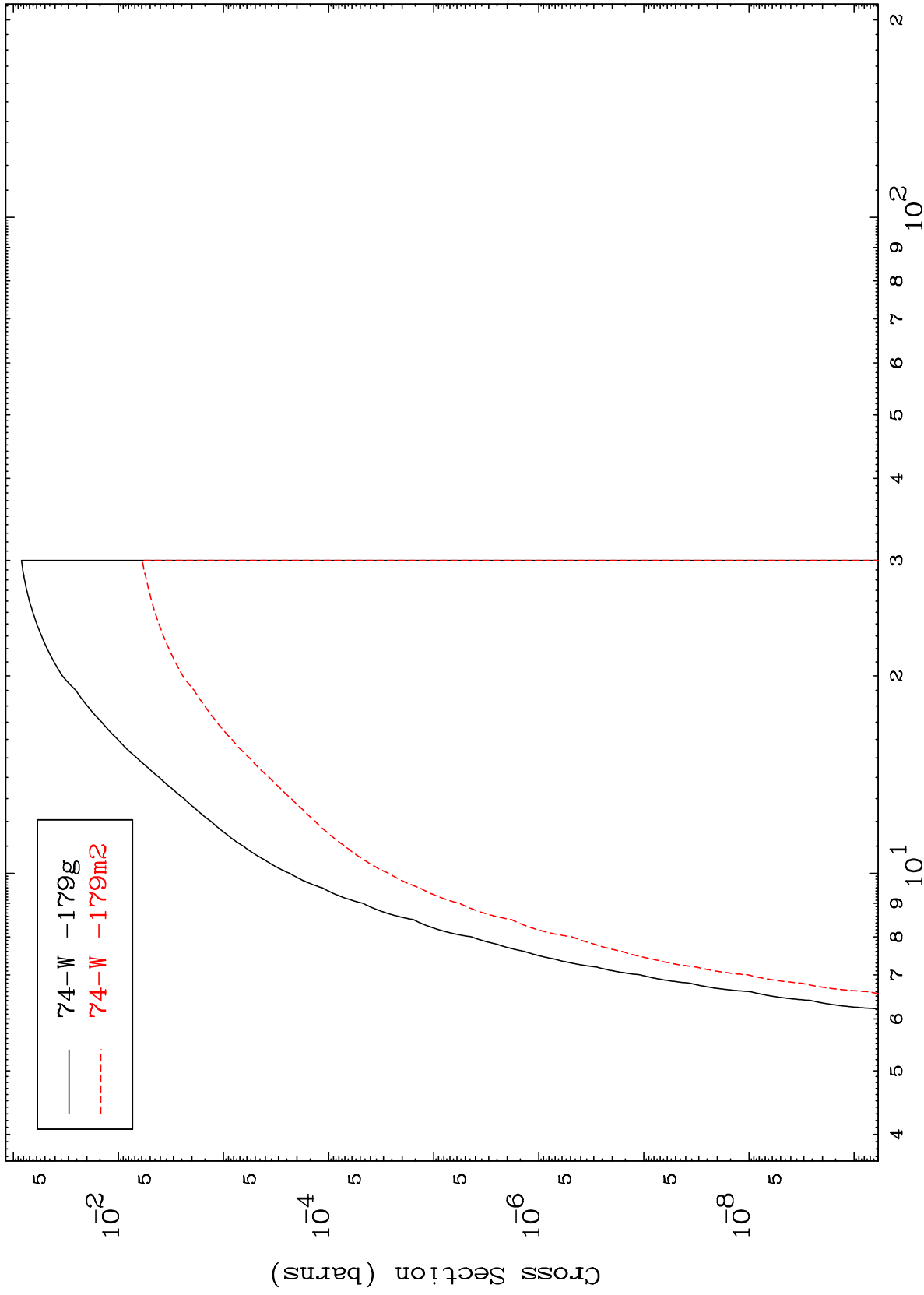
75-Re-180

MAT 7510

(n,n') p

75-Re-180

Radionuclide Production Cross Section



74-W -179g
74-W -179m2

123

Incident Energy (MeV)

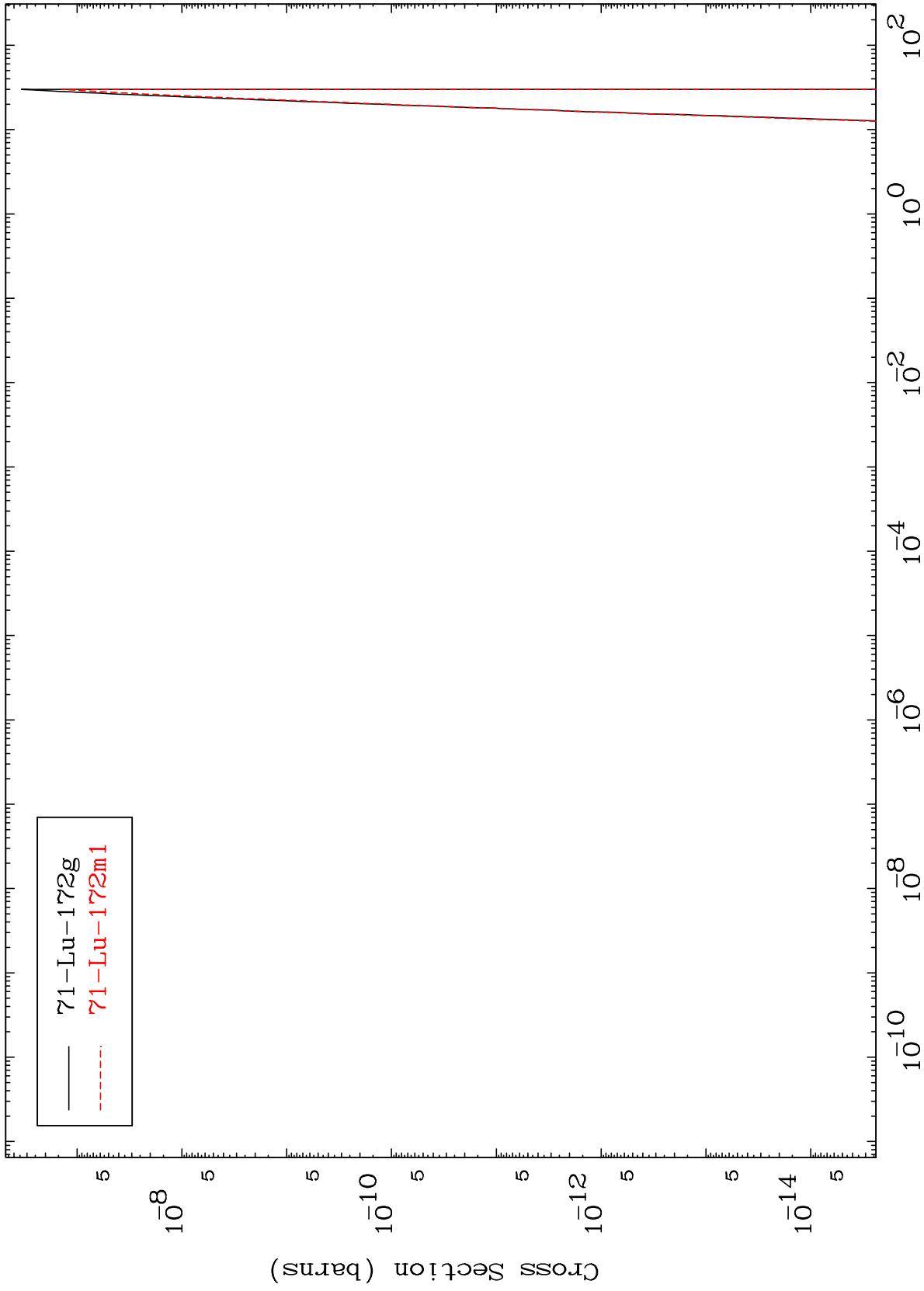
75-Re-180

MAT 7510

(n,n') 2 α

75-Re-180

Radionuclide Production Cross Section



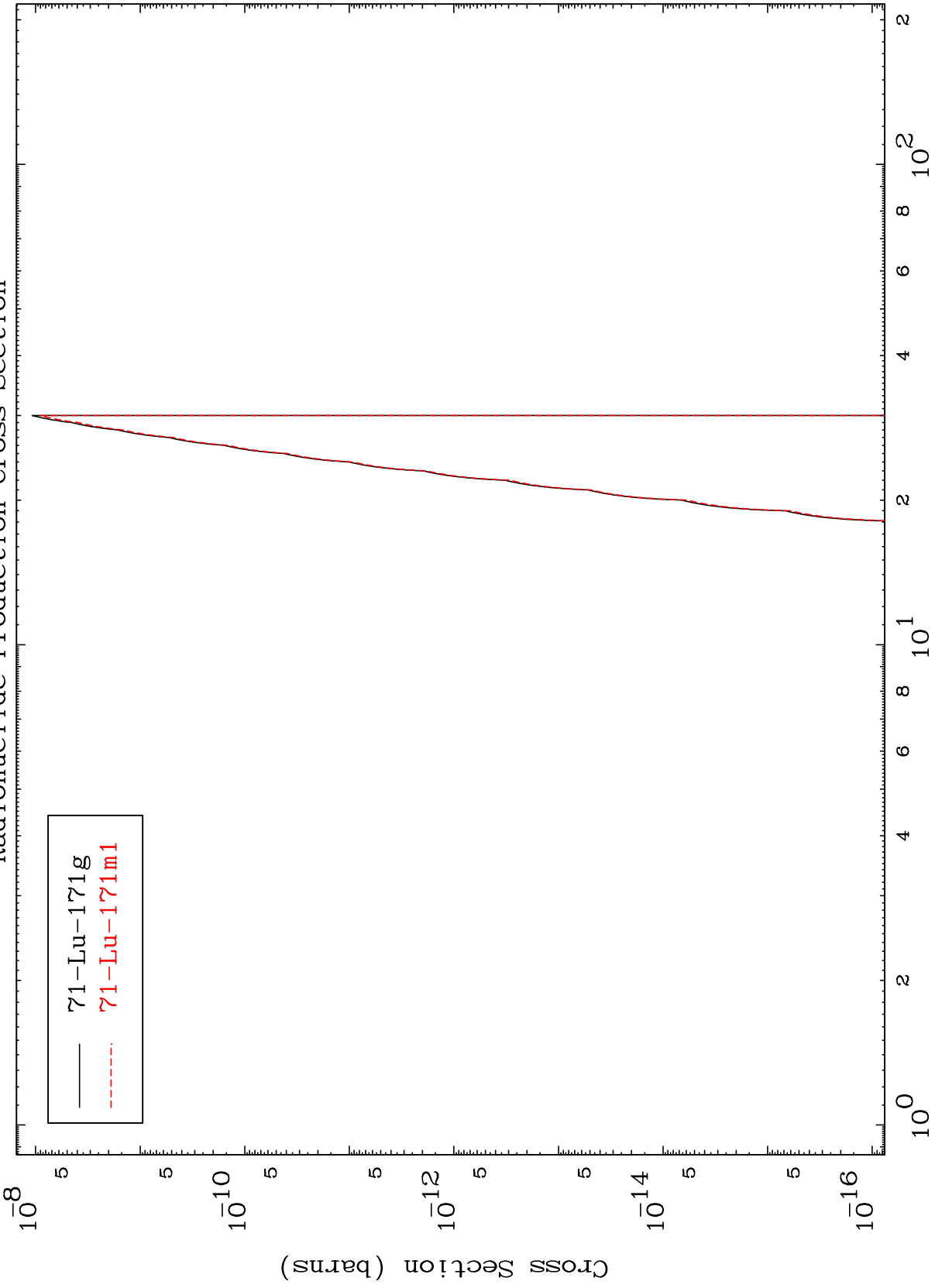
— $^{71}\text{Lu-172g}$
- - - $^{71}\text{Lu-172m1}$

MAT 7510

(n,2n) 2α

75-Re-180

Radionuclide Production Cross Section



125

Incident Energy (MeV)

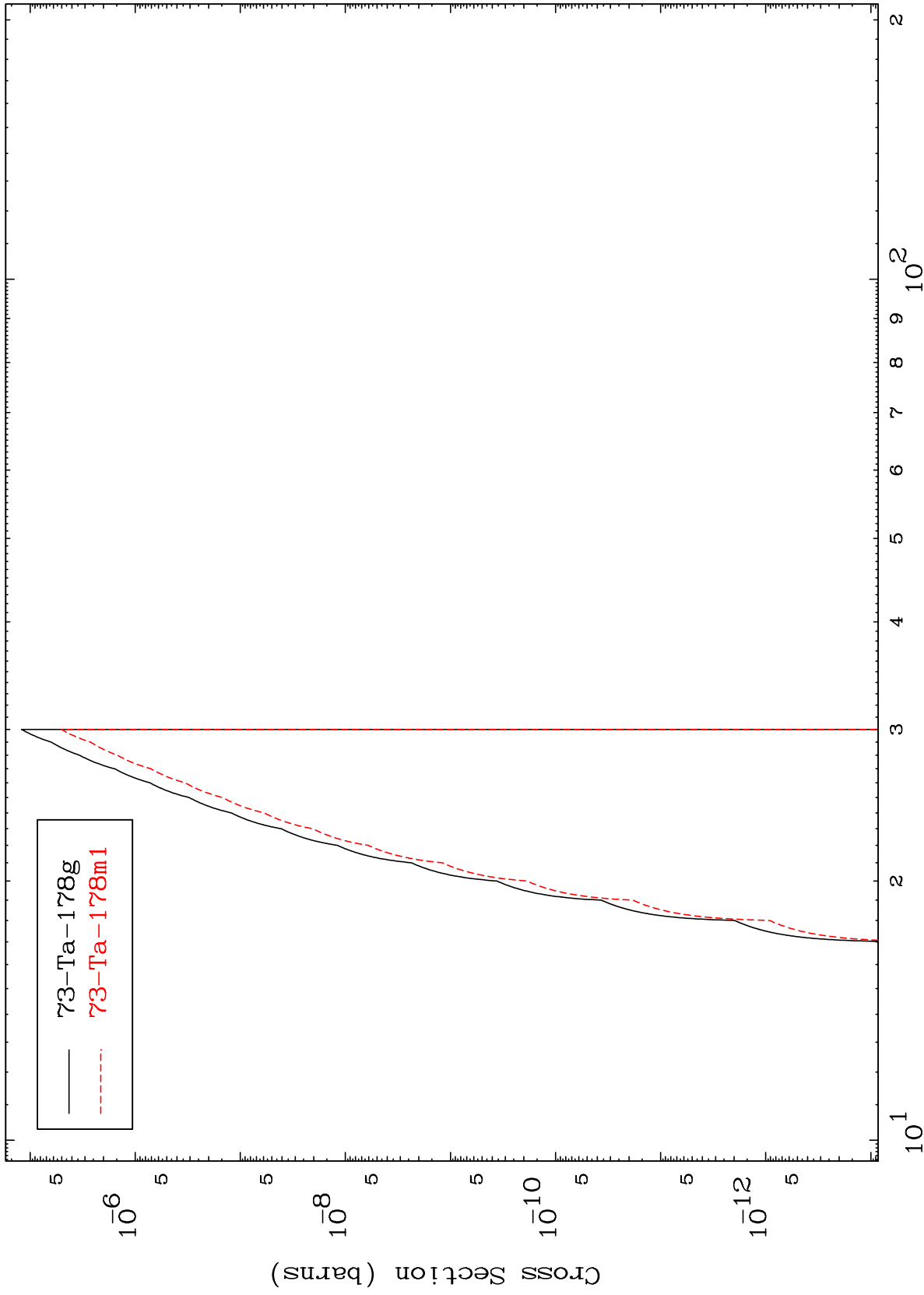
75-Re-180

MAT 7510

(n,2n) p

75-Re-180

Radionuclide Production Cross Section



126

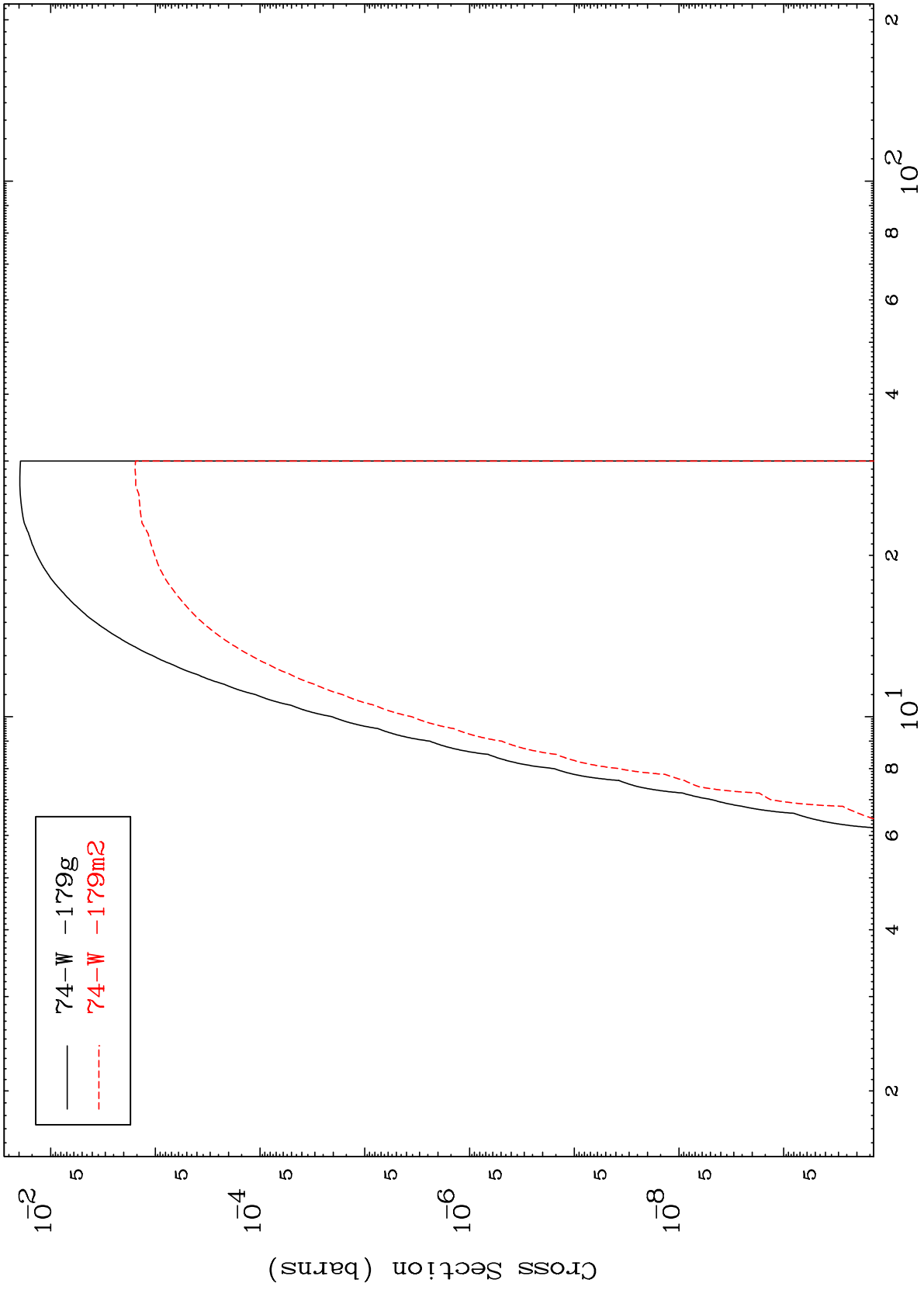
Incident Energy (MeV)

75-Re-180

MAT 7510

(n,d)
Radionuclide Production Cross Section

⁷⁵Re-180



127

Incident Energy (MeV)

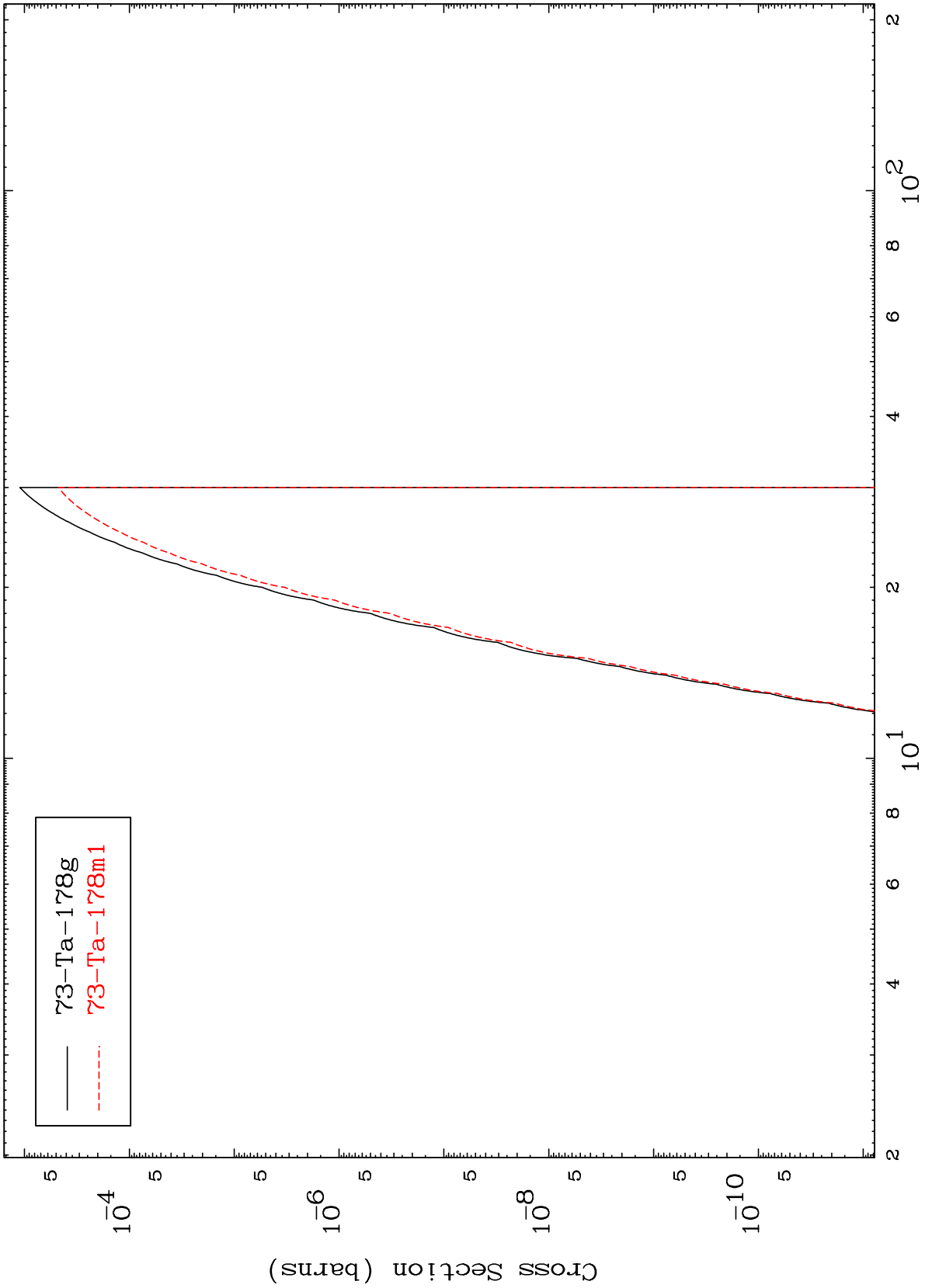
⁷⁵Re-180

MAT 7510

(n, He-3)

75-Re-180

Radionuclide Production Cross Section



128

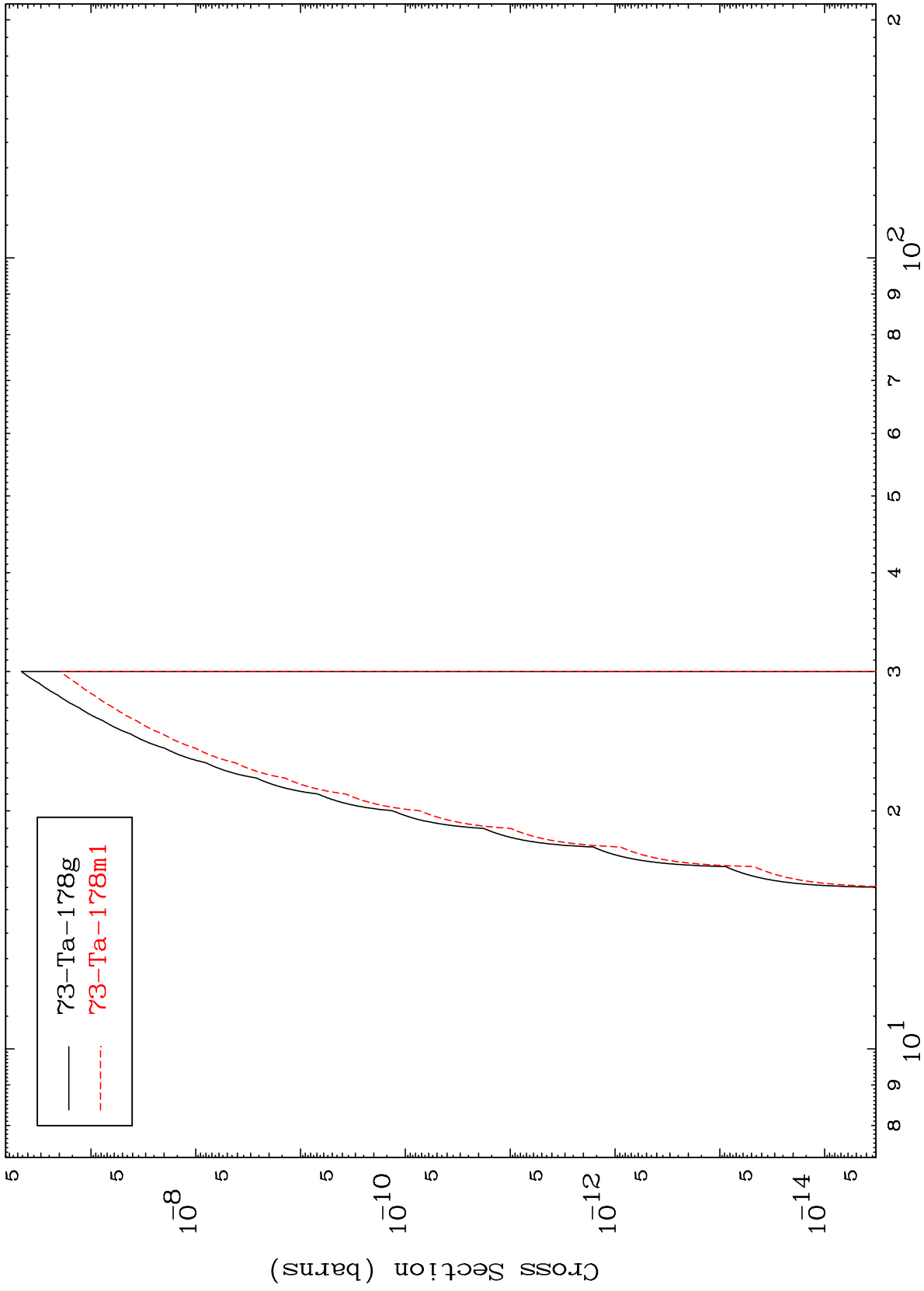
75-Re-180

MAT 7510

(n,p) d

75-Re-180

Radionuclide Production Cross Section



129

Incident Energy (MeV)

75-Re-180