

Program EVALPLOT
(Version 2017-1)

by

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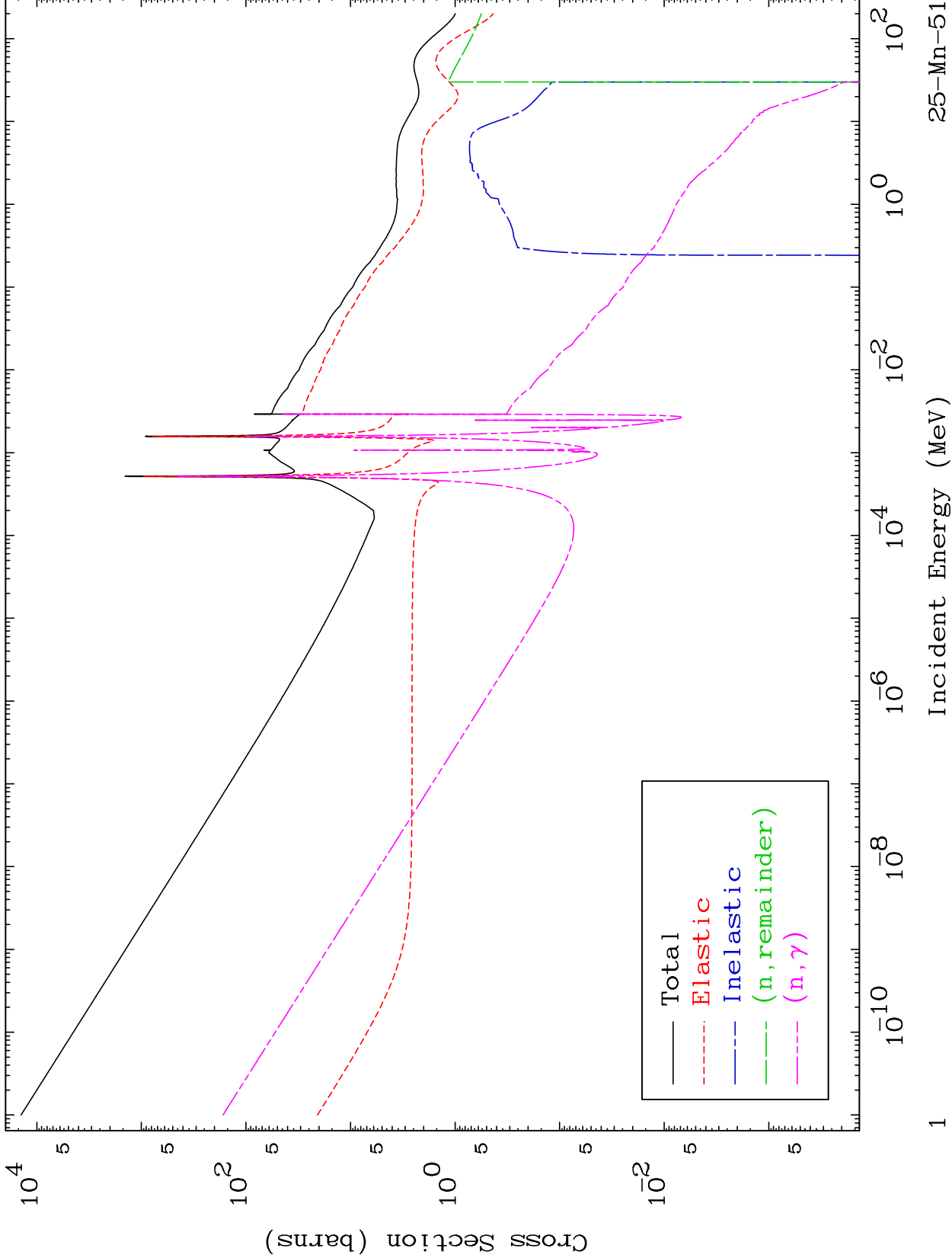
Press Mouse Button to Start

MAT 2513

Major

293 Kelvin Cross Sections

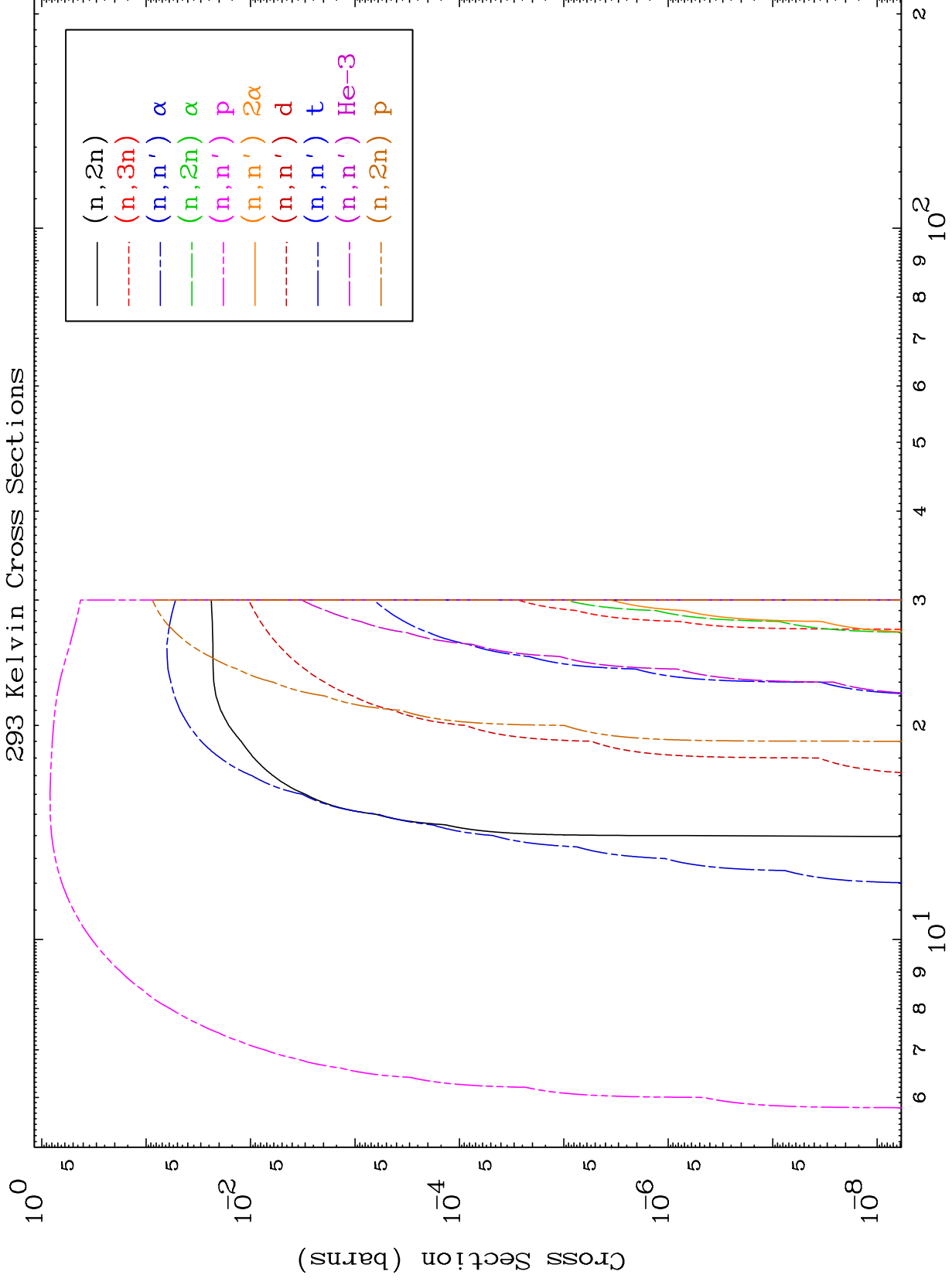
25-Mn-51



MAT 2513

Neutron Production
293 Kelvin Cross Sections

25-Mn-51



2

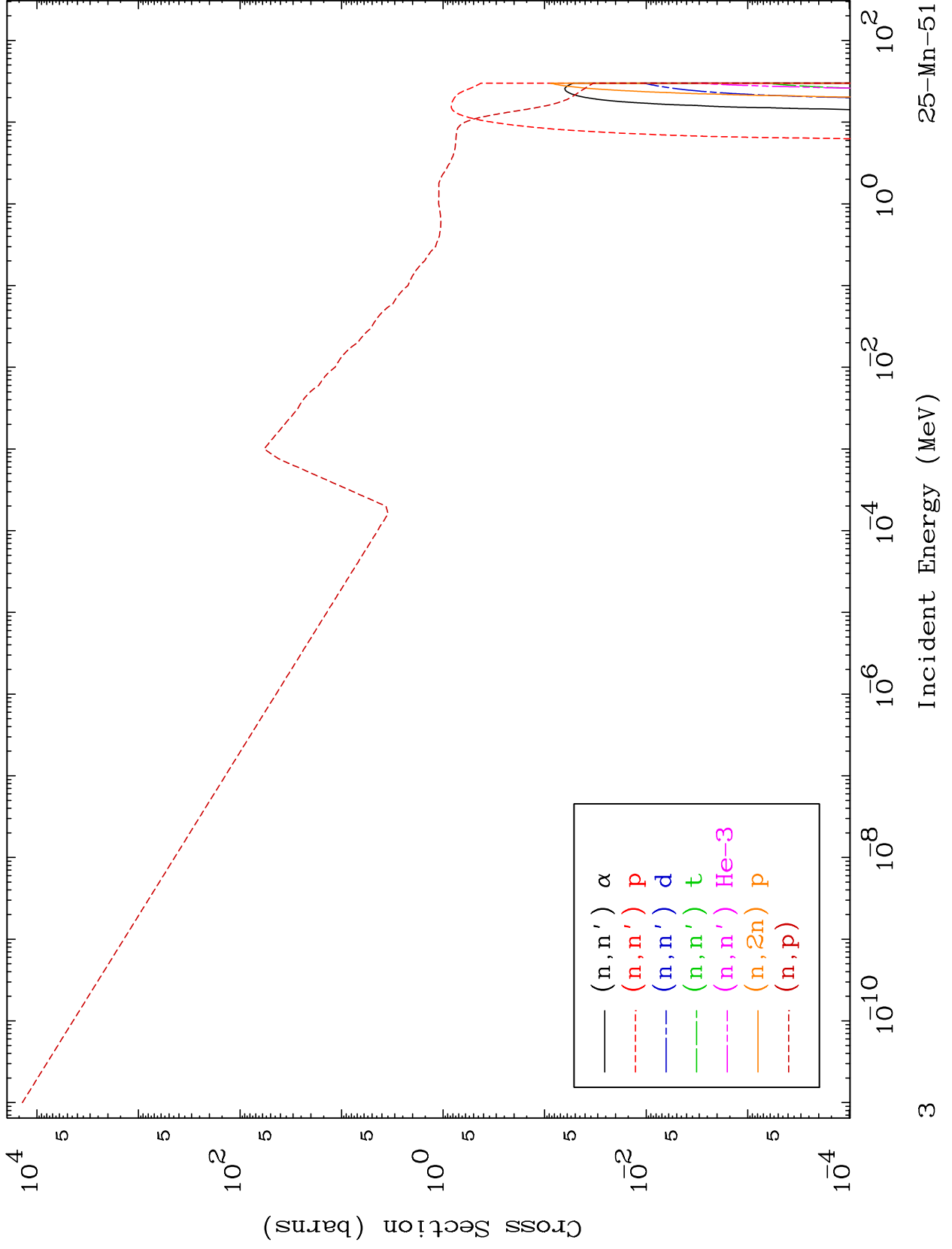
Incident Energy (MeV)

25-Mn-51

MAT 2513

Charged Particle
293 Kelvin Cross Sections

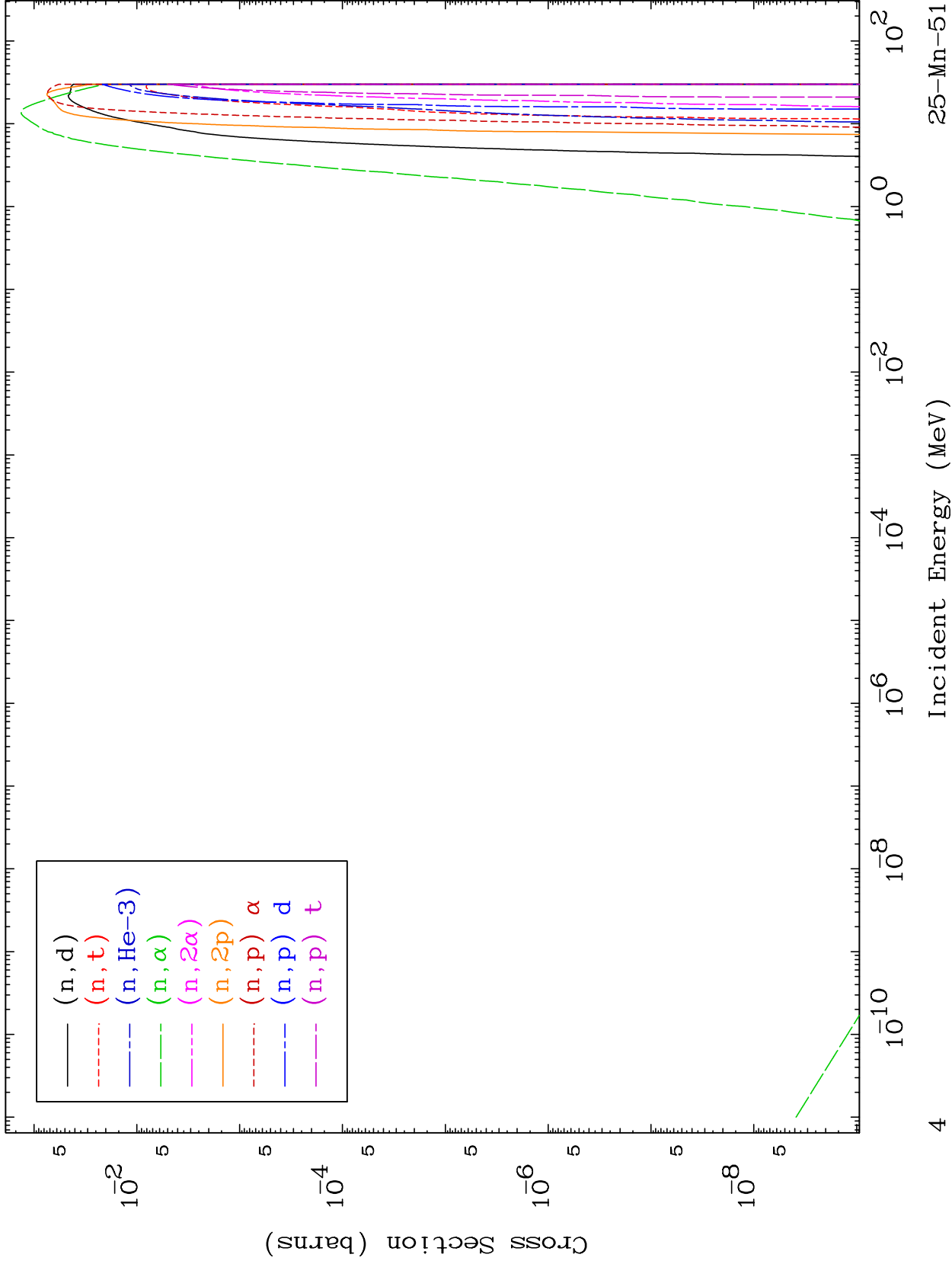
25-Mn-51



MAT 2513

Charged Particle
293 Kelvin Cross Sections

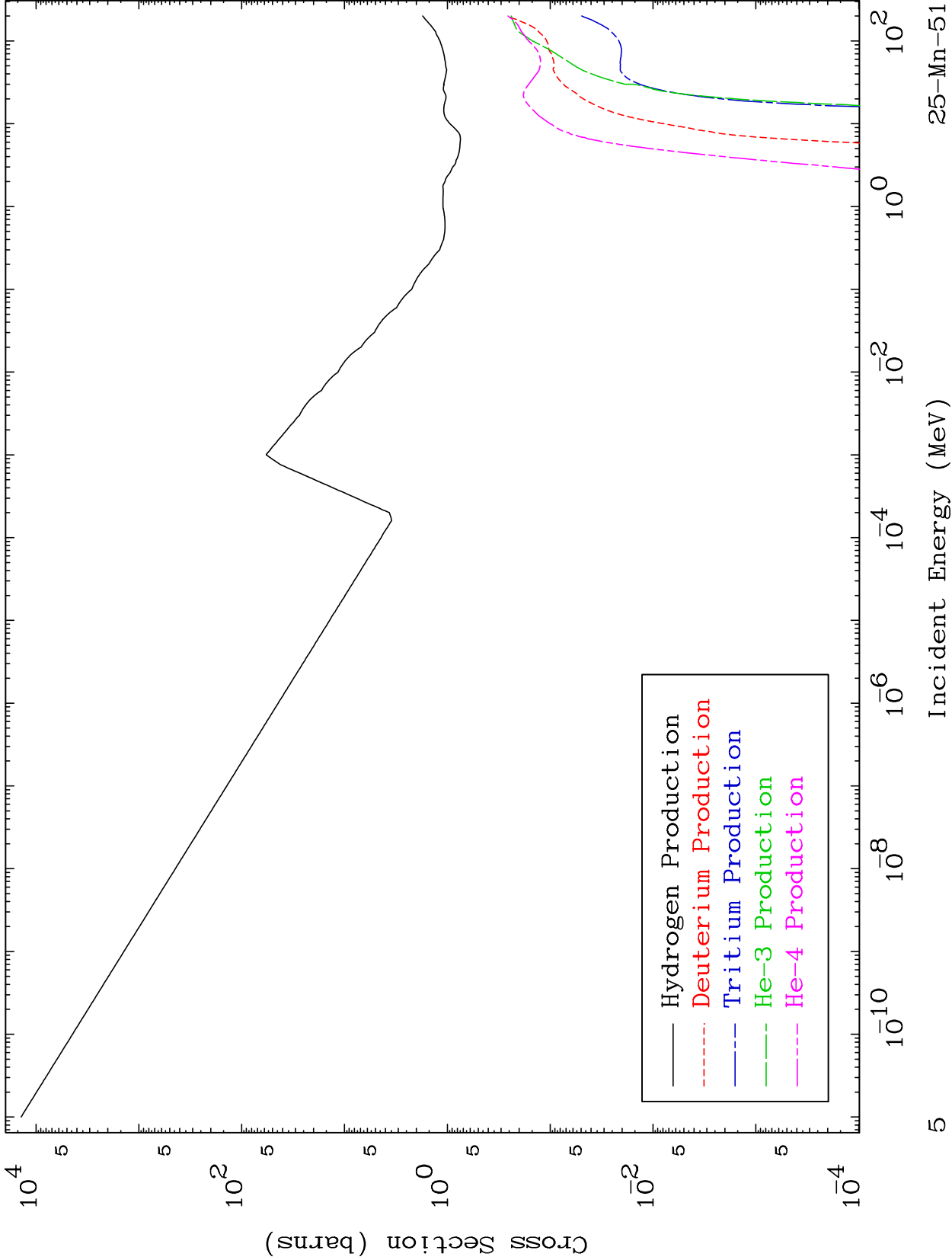
25-Mn-51



MAT 2513

Particle Production
293 Kelvin Cross Sections

25-Mn-51

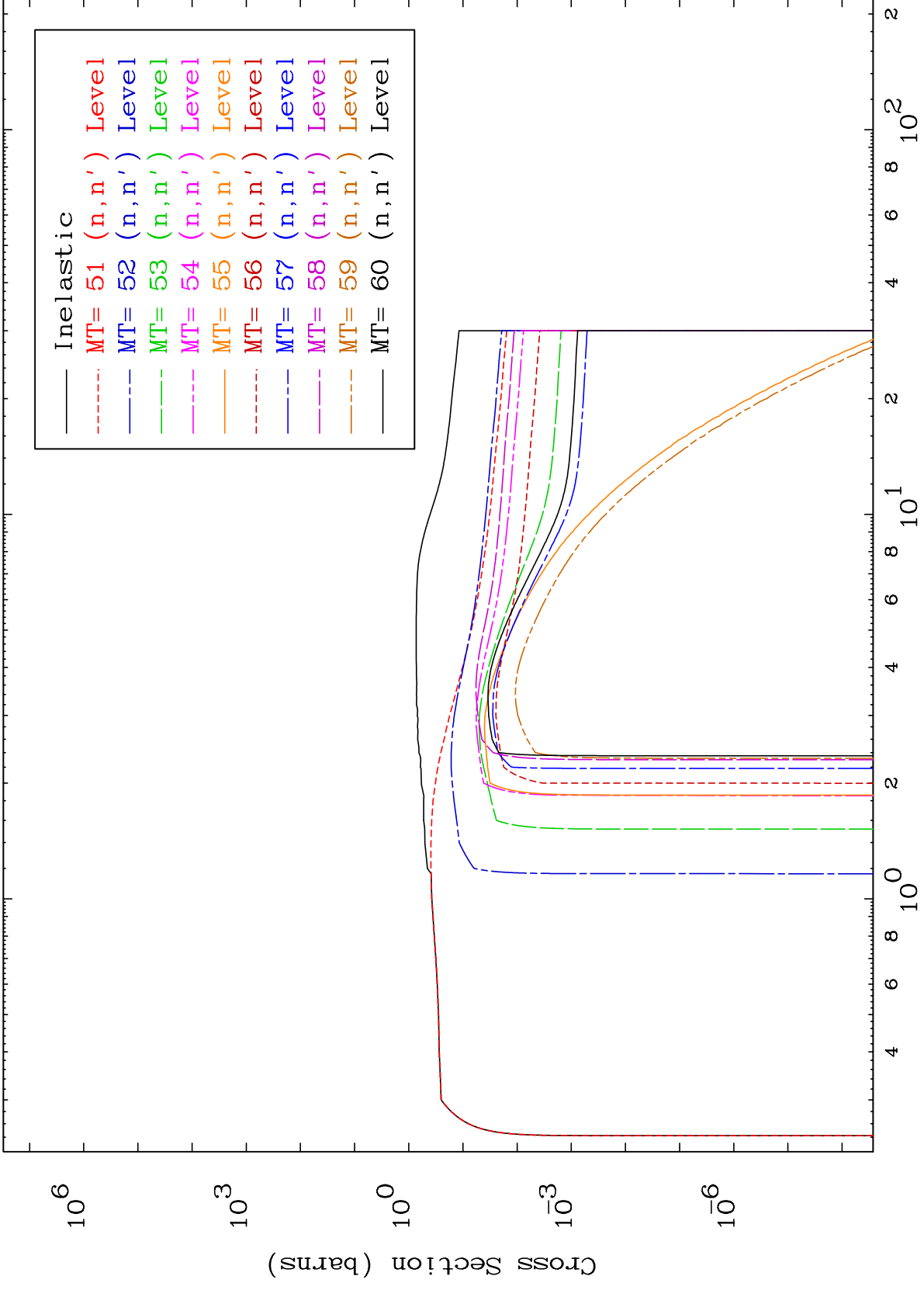


MAT 2513

(n,n') Level

25-Mn-51

293 Kelvin Cross Sections



6

Incident Energy (MeV)

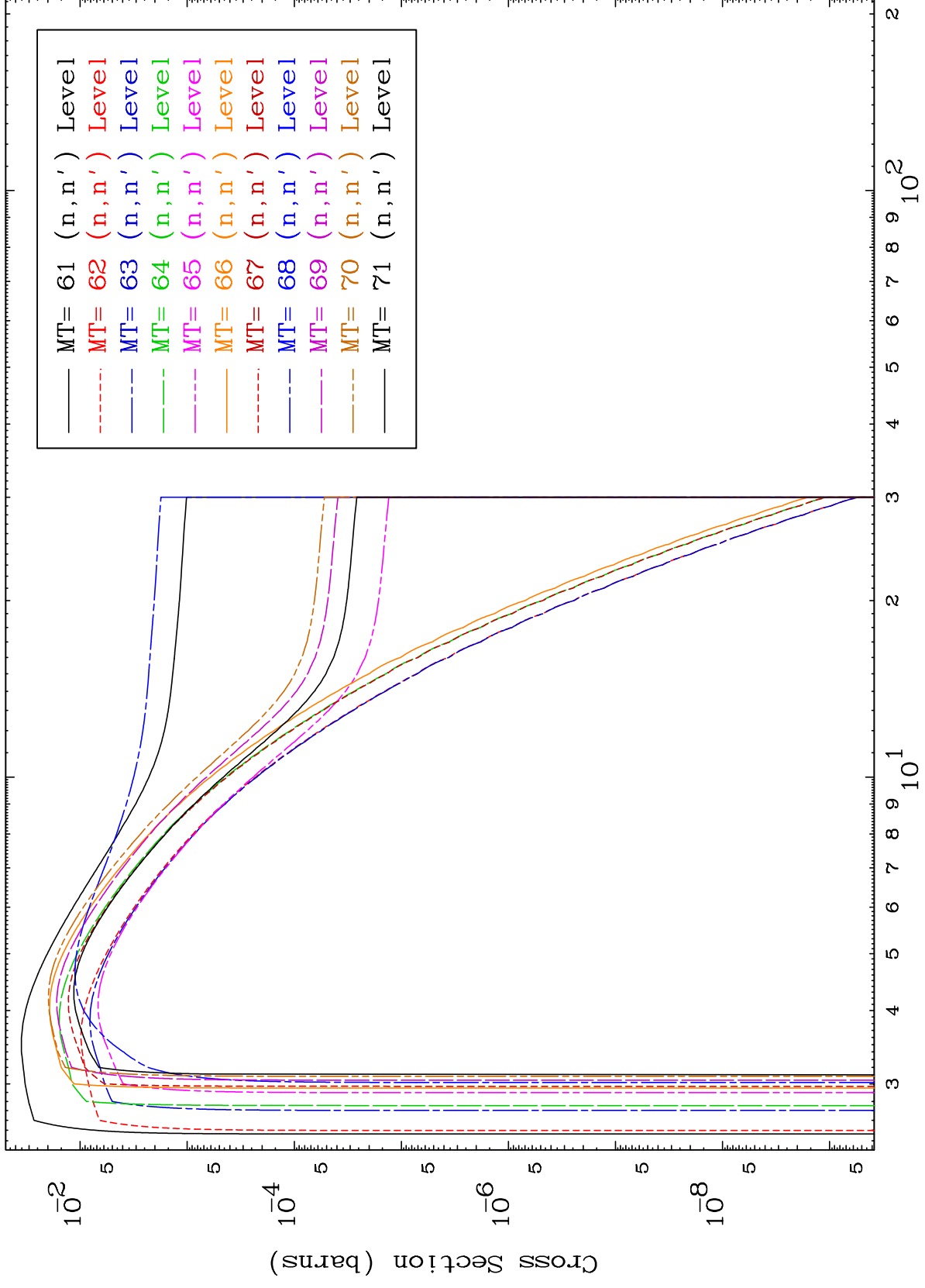
25-Mn-51

MAT 2513

(n,n') Level

25-Mn-51

293 Kelvin Cross Sections

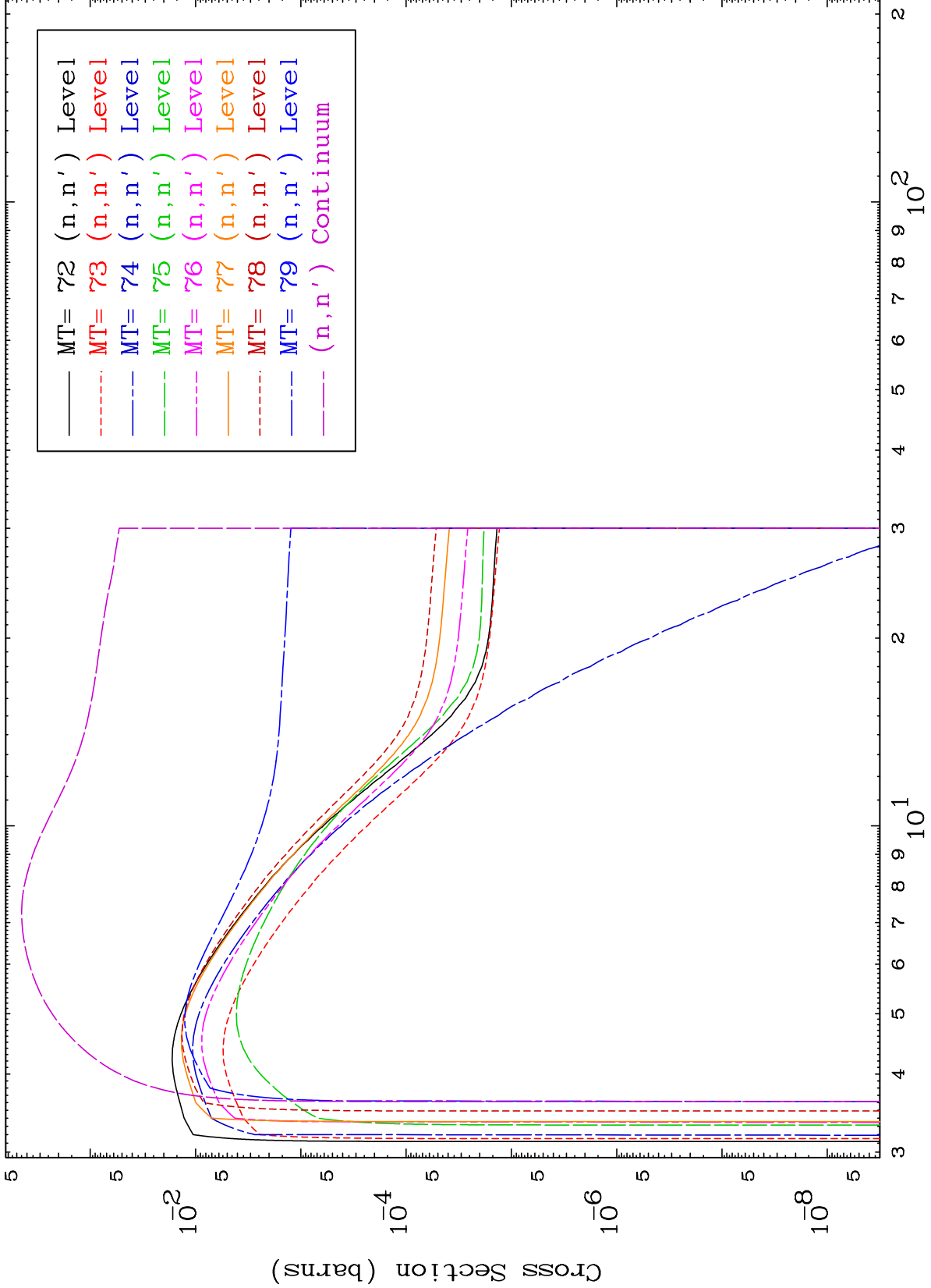


MAT 2513

(n,n') Level

293 Kelvin Cross Sections

25-Mn-51



8

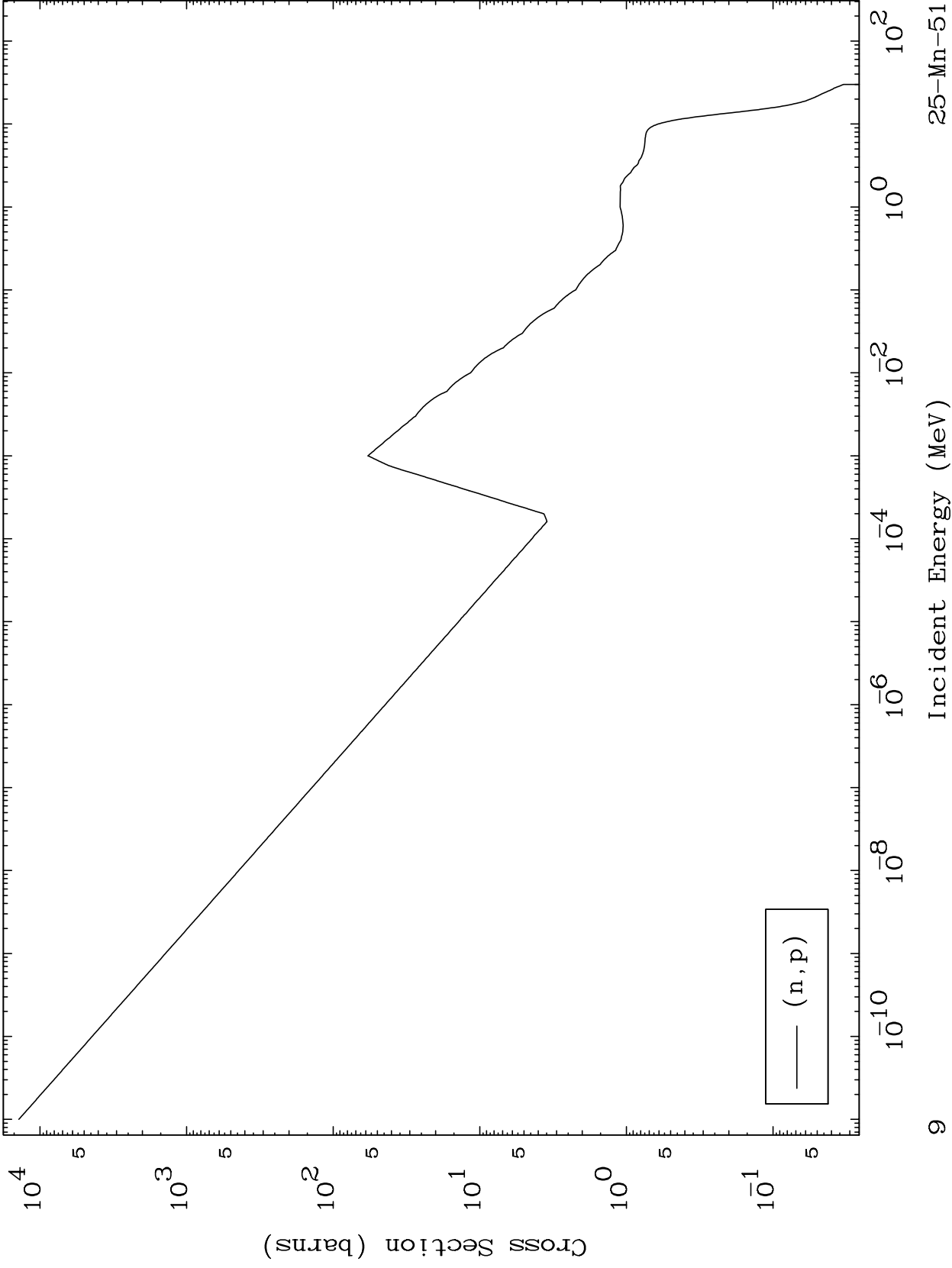
Incident Energy (MeV)

25-Mn-51

MAT 2513

(n,p) Levels
293 Kelvin Cross Sections

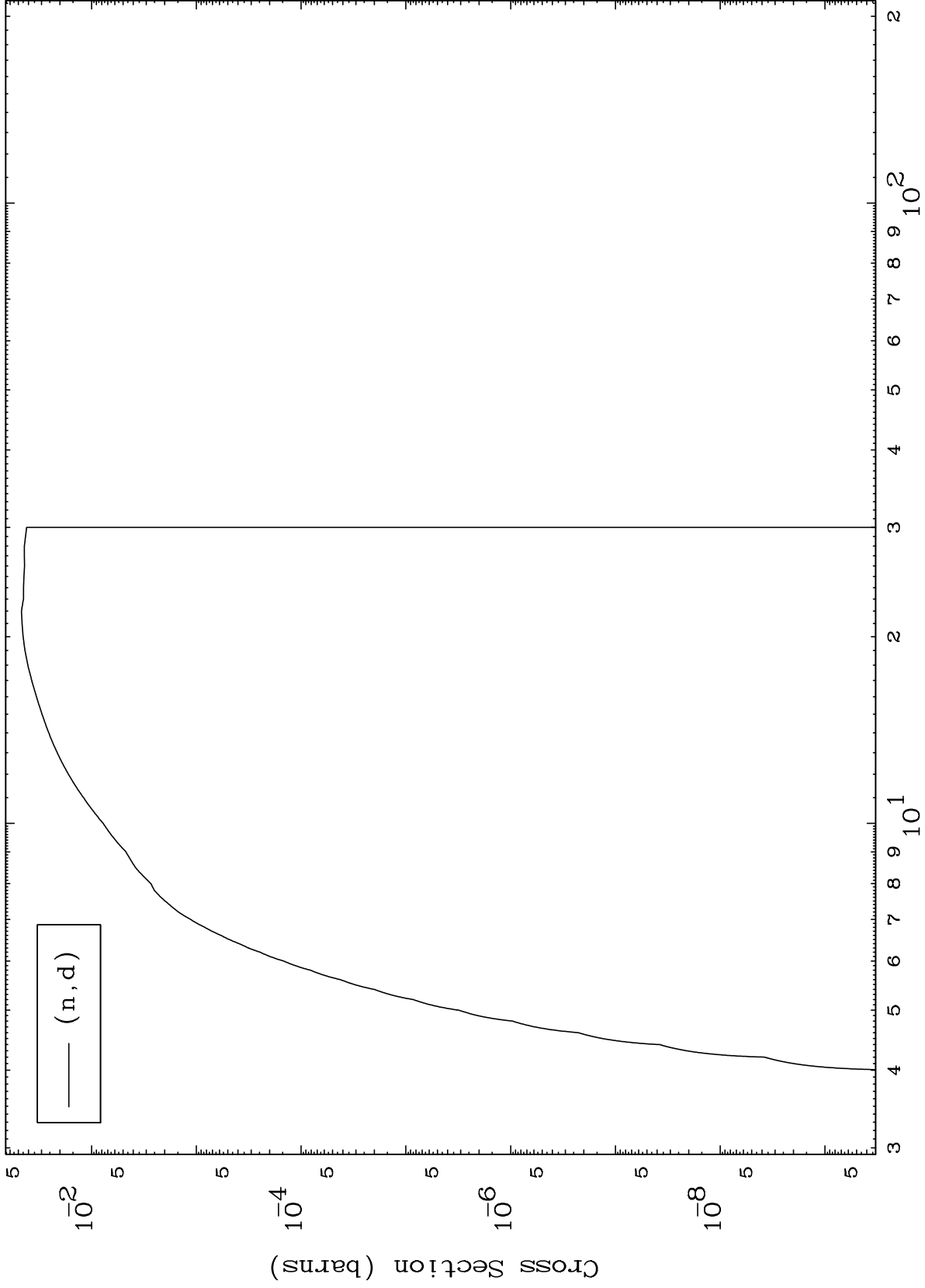
25-Mn-51



MAT 2513

(n,d) Levels
293 Kelvin Cross Sections

25-Mn-51



25-Mn-51

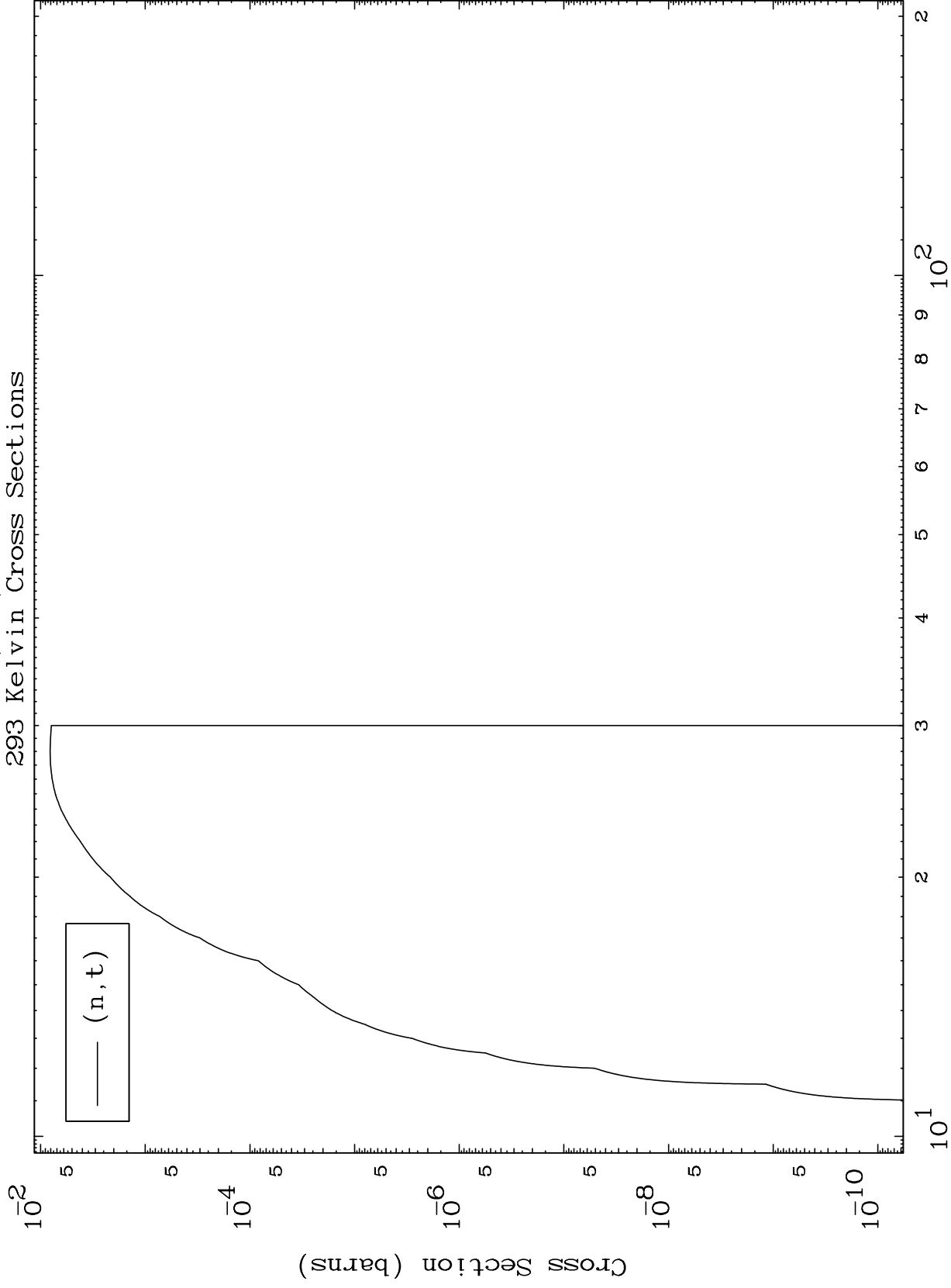
Incident Energy (MeV)

10

MAT 2513

(n,t) Levels
293 Kelvin Cross Sections

25-Mn-51



Incident Energy (MeV)

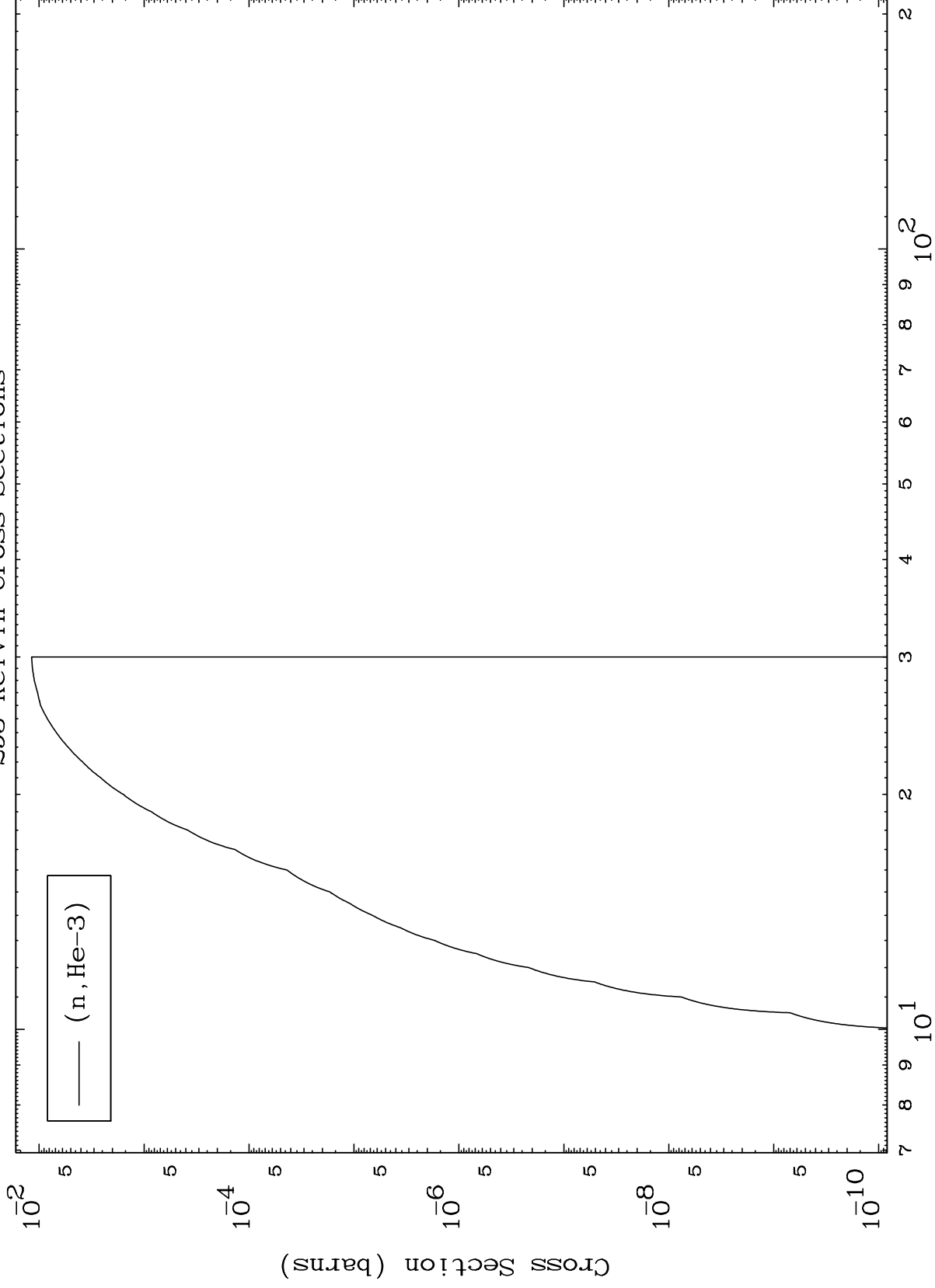
25-Mn-51

11

MAT 2513

(n,He3) Levels
293 Kelvin Cross Sections

25-Mn-51



12

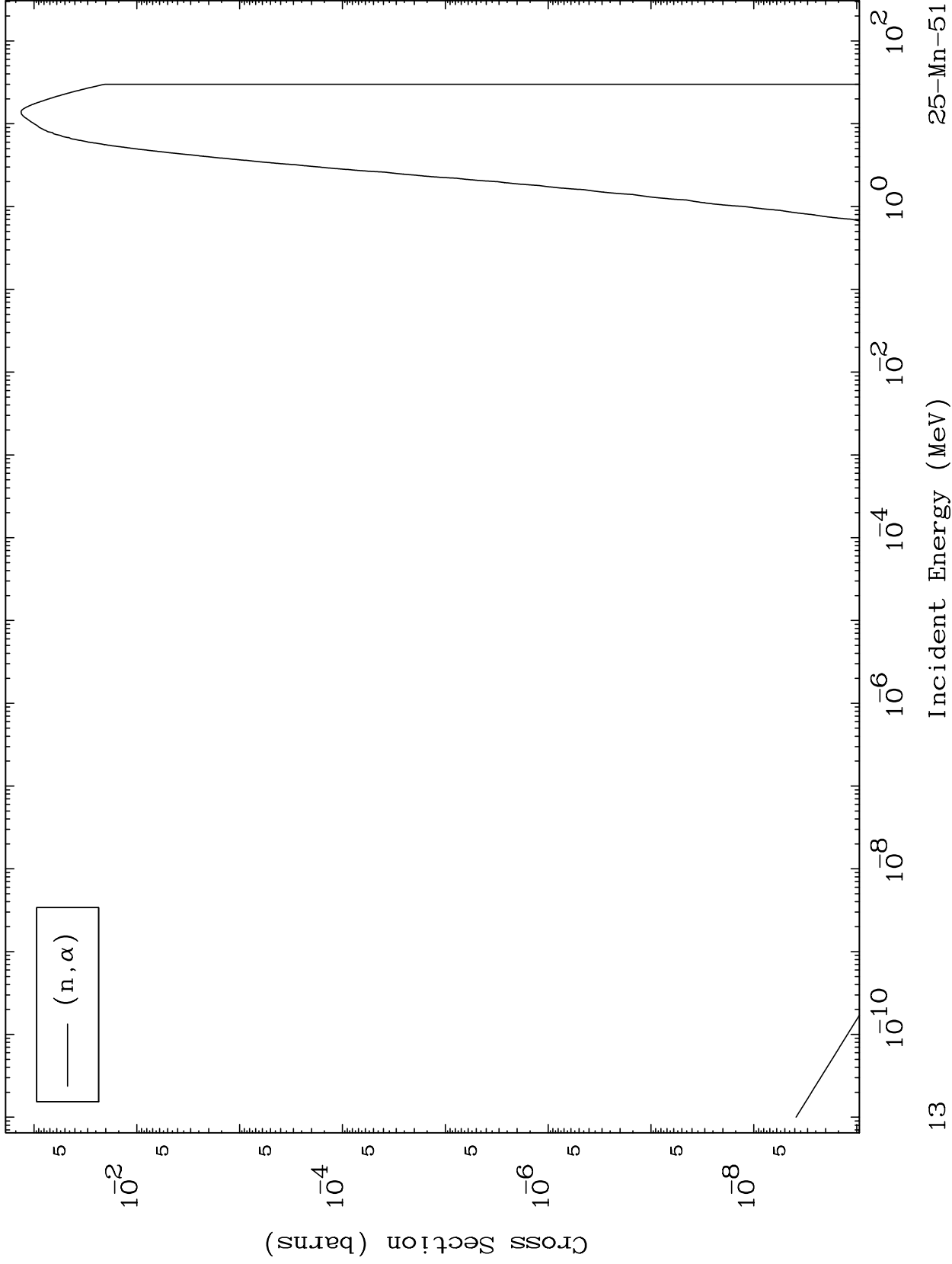
Incident Energy (MeV)

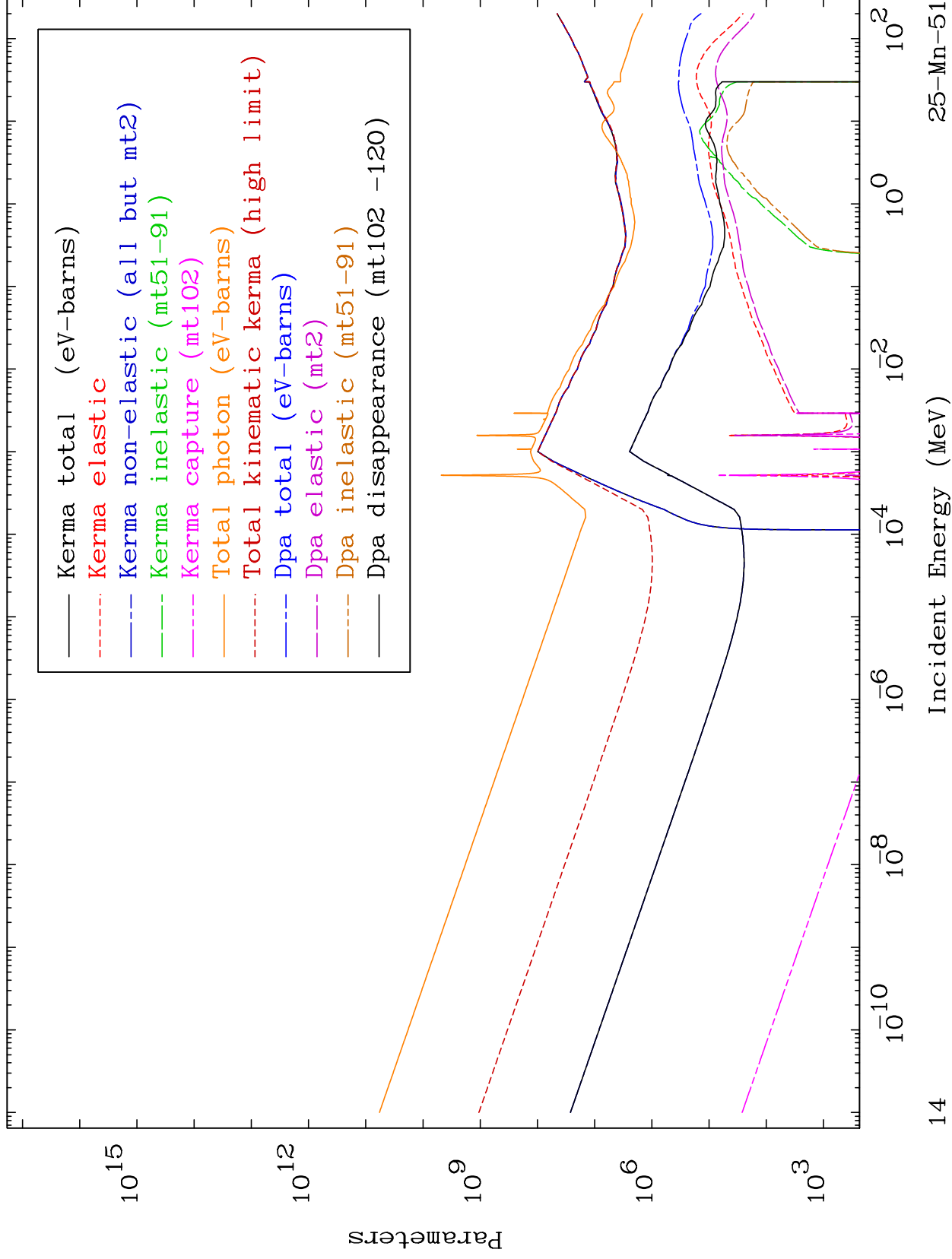
25-Mn-51

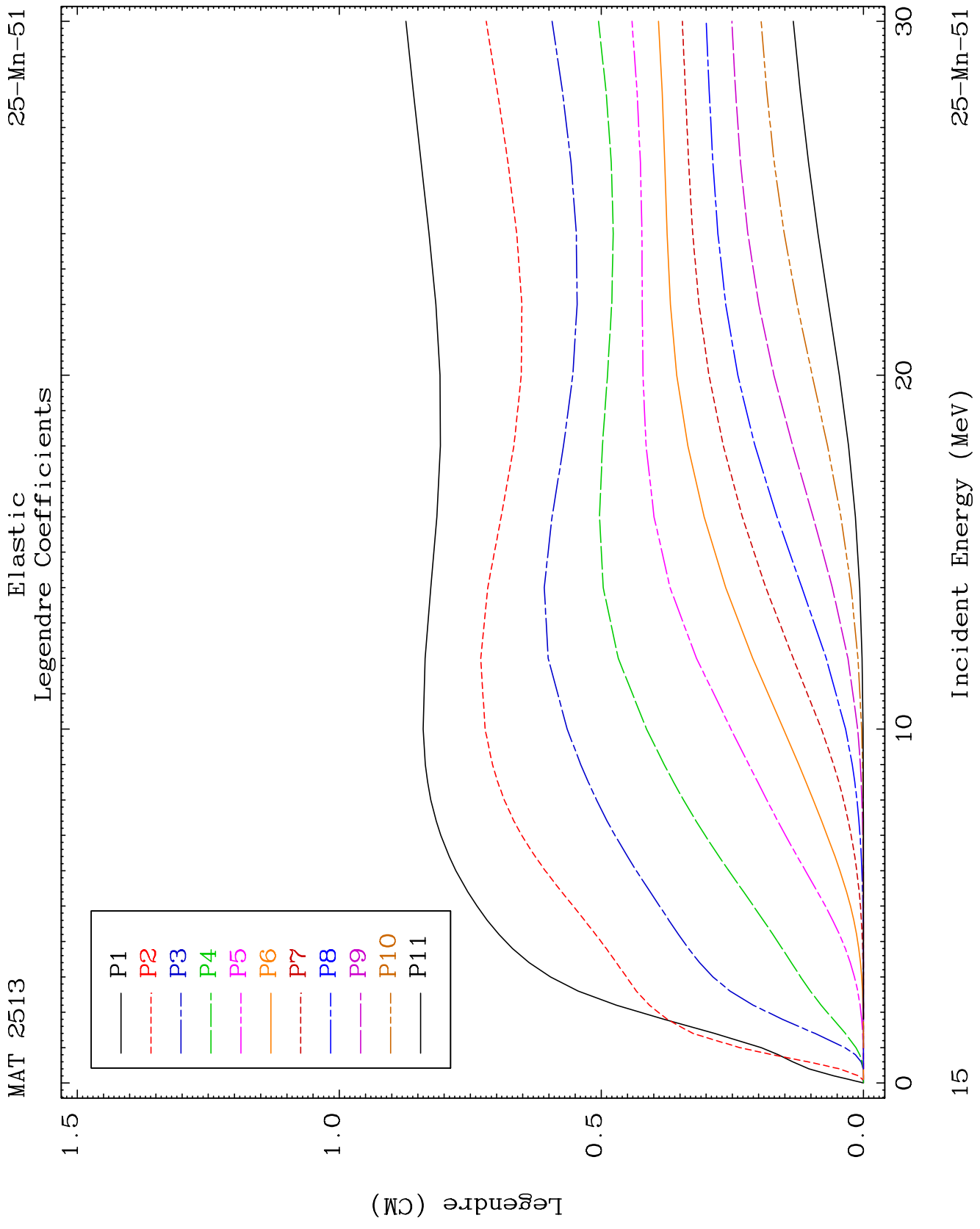
MAT 2513

(n, α) Levels
293 Kelvin Cross Sections

25-Mn-51



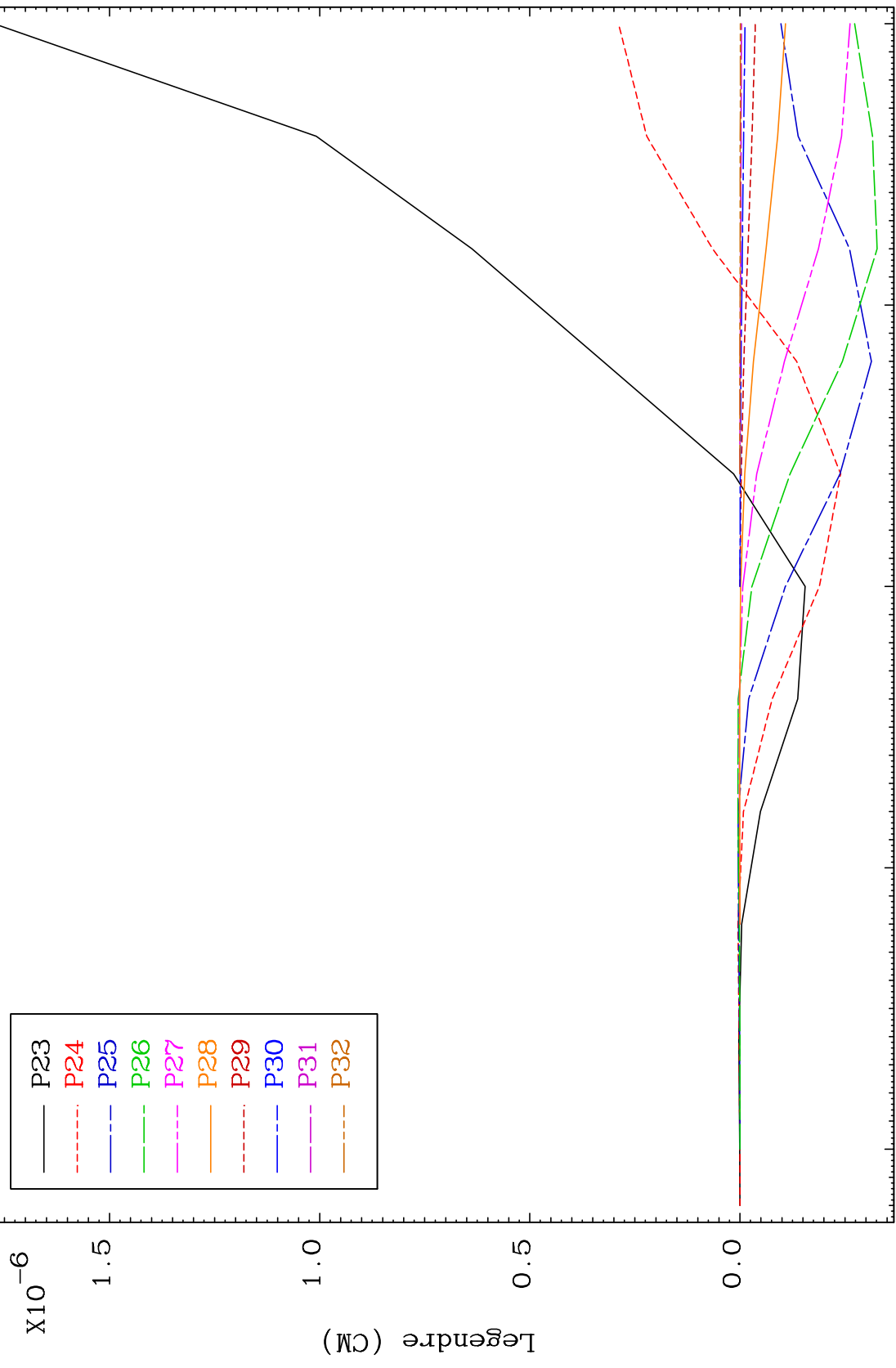
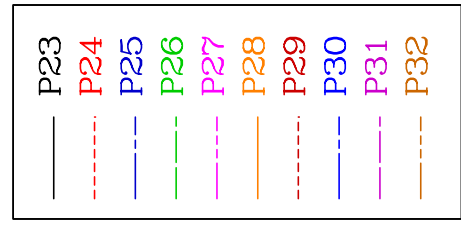




MAT 2513

Elastic Legendre Coefficients

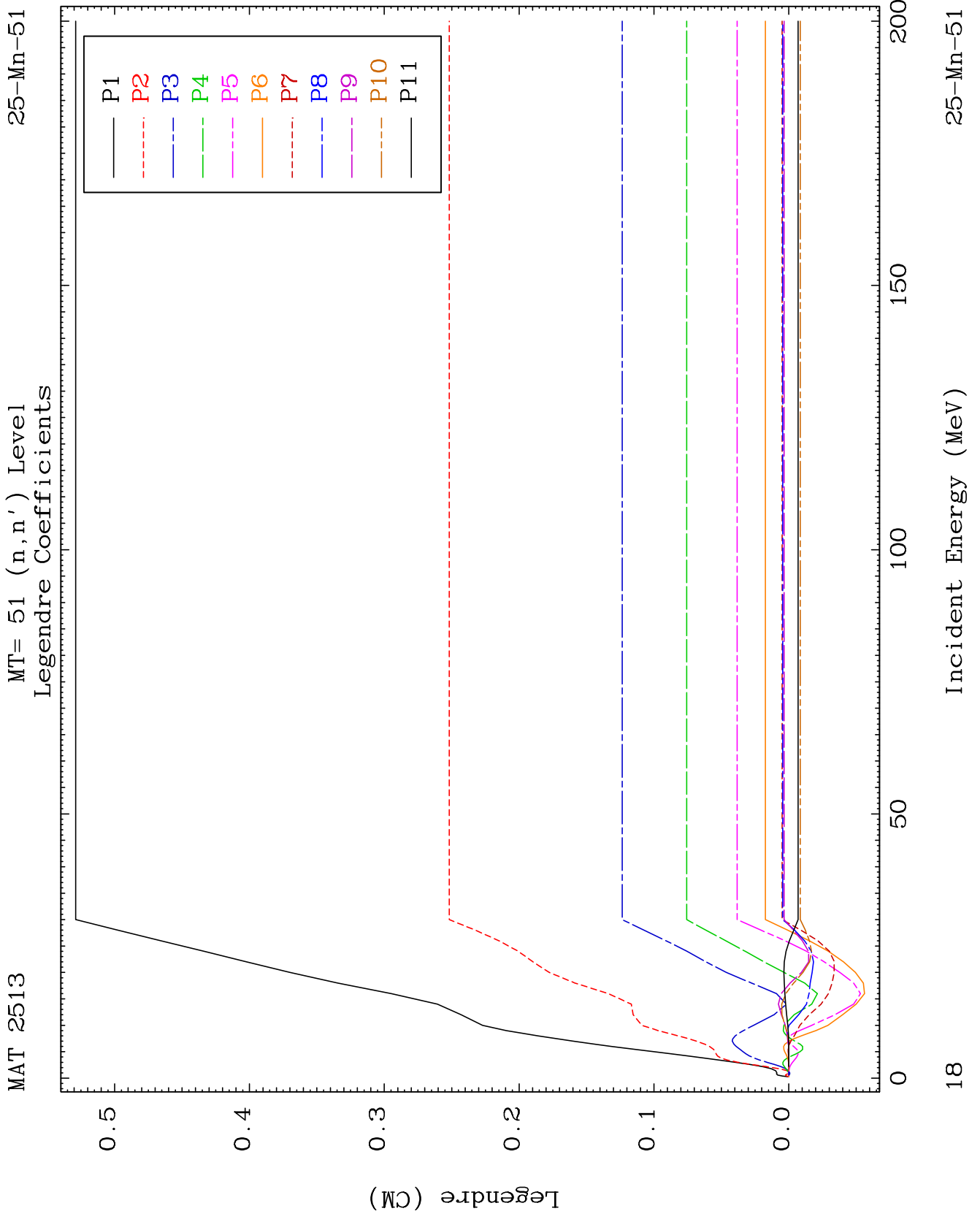
25-Mn-51



17

Incident Energy (MeV)

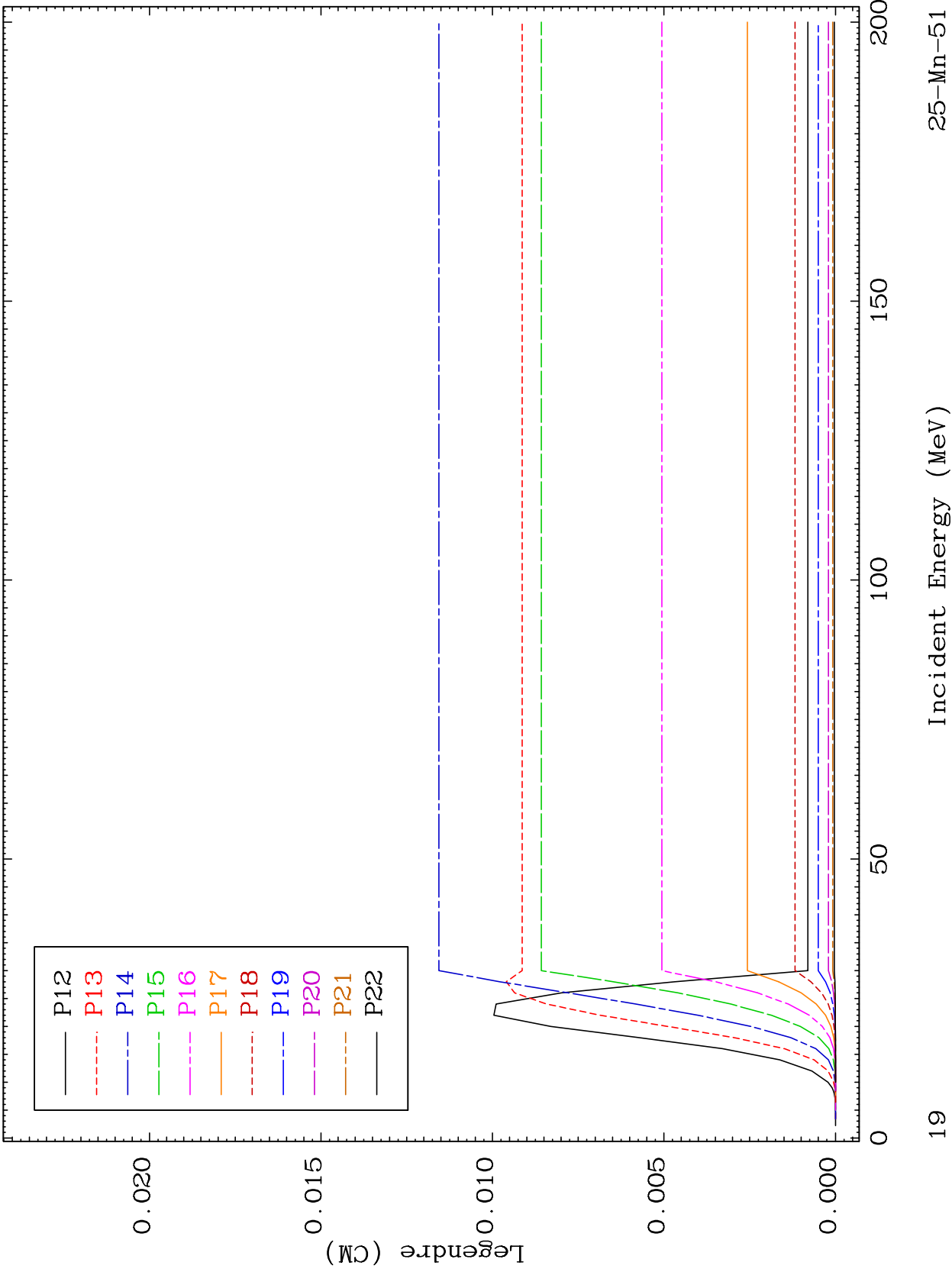
25-Mn-51



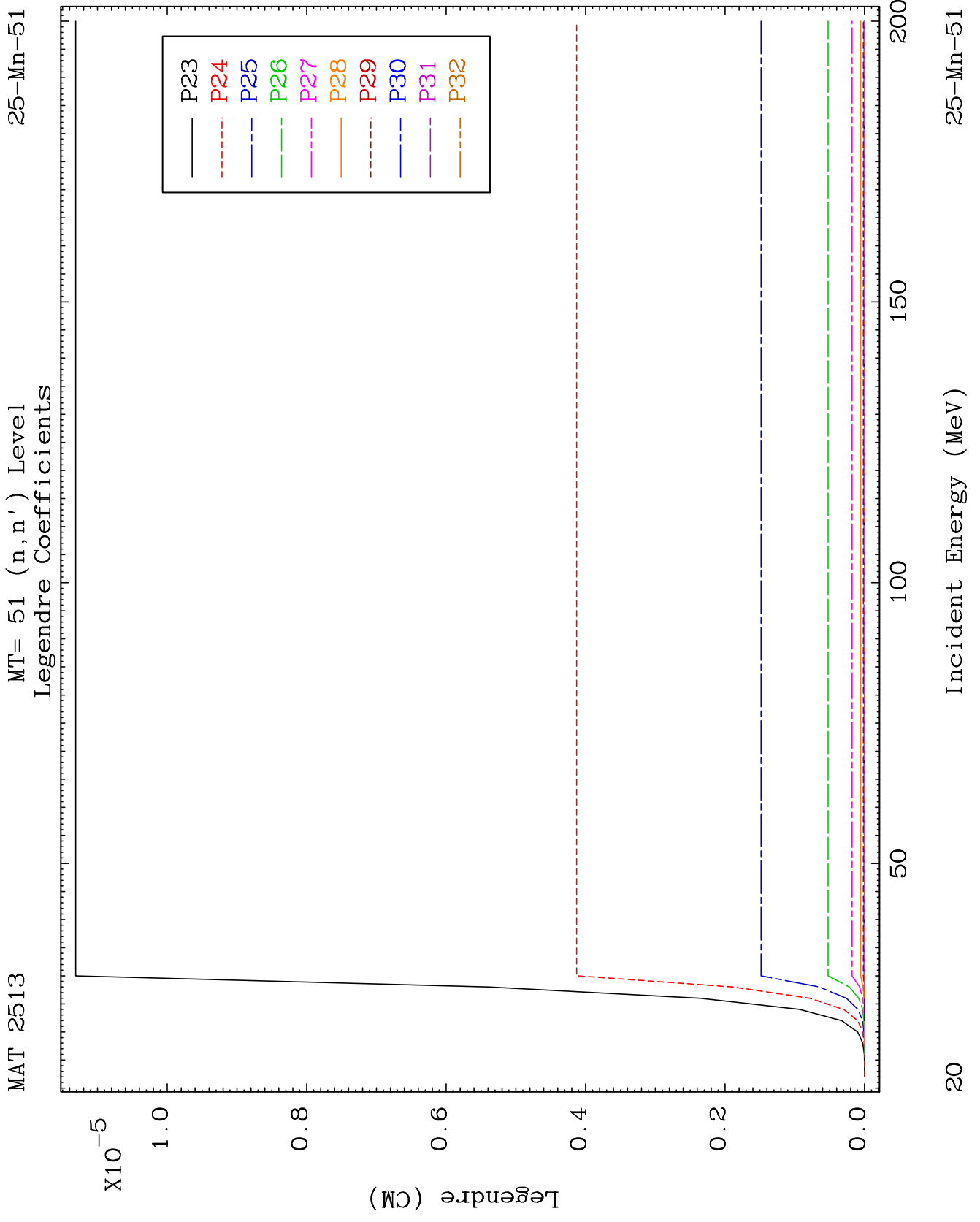
MAT 2513

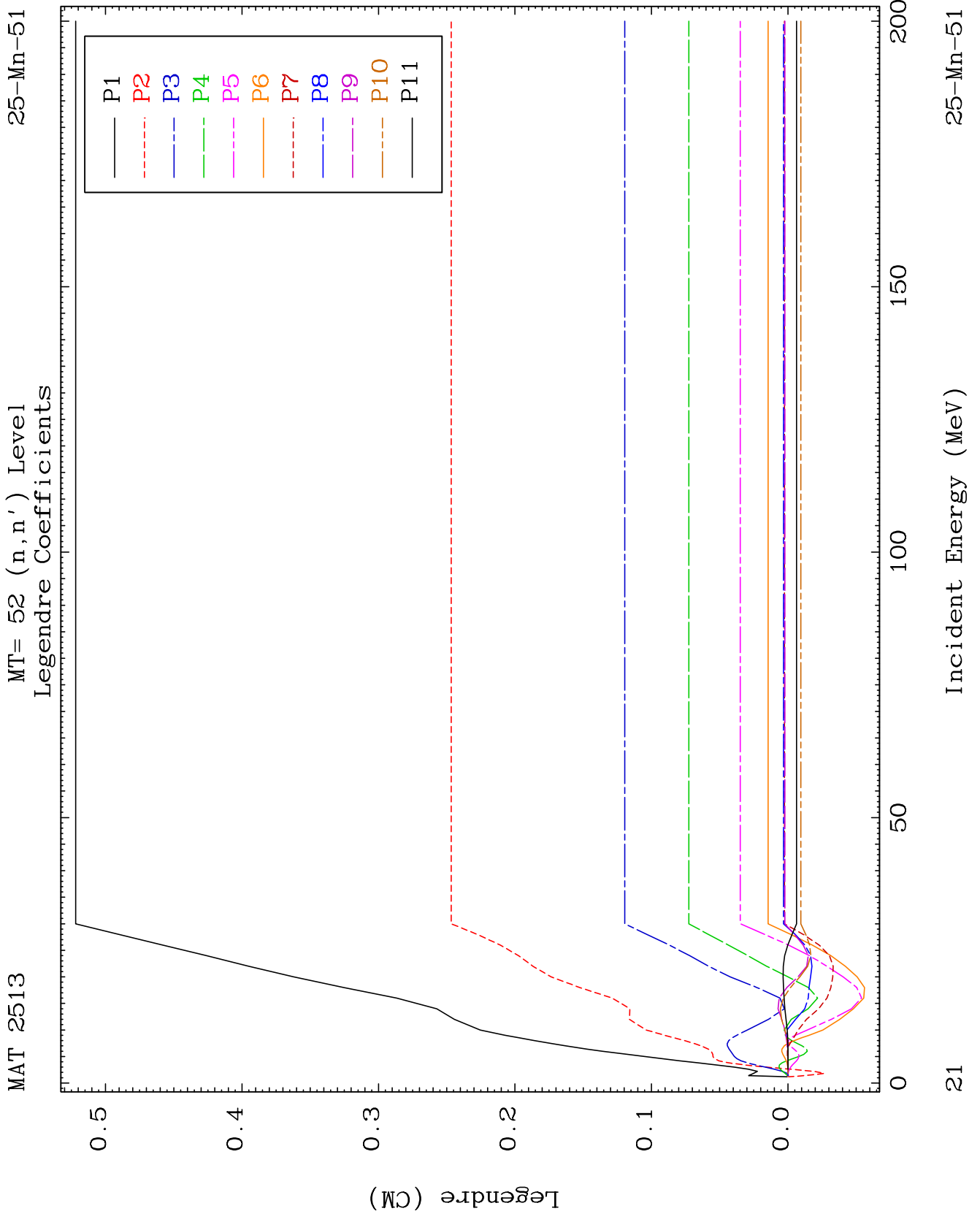
MT= 51 (n,n') Level
Legendre Coefficients

25-Mn-51



19

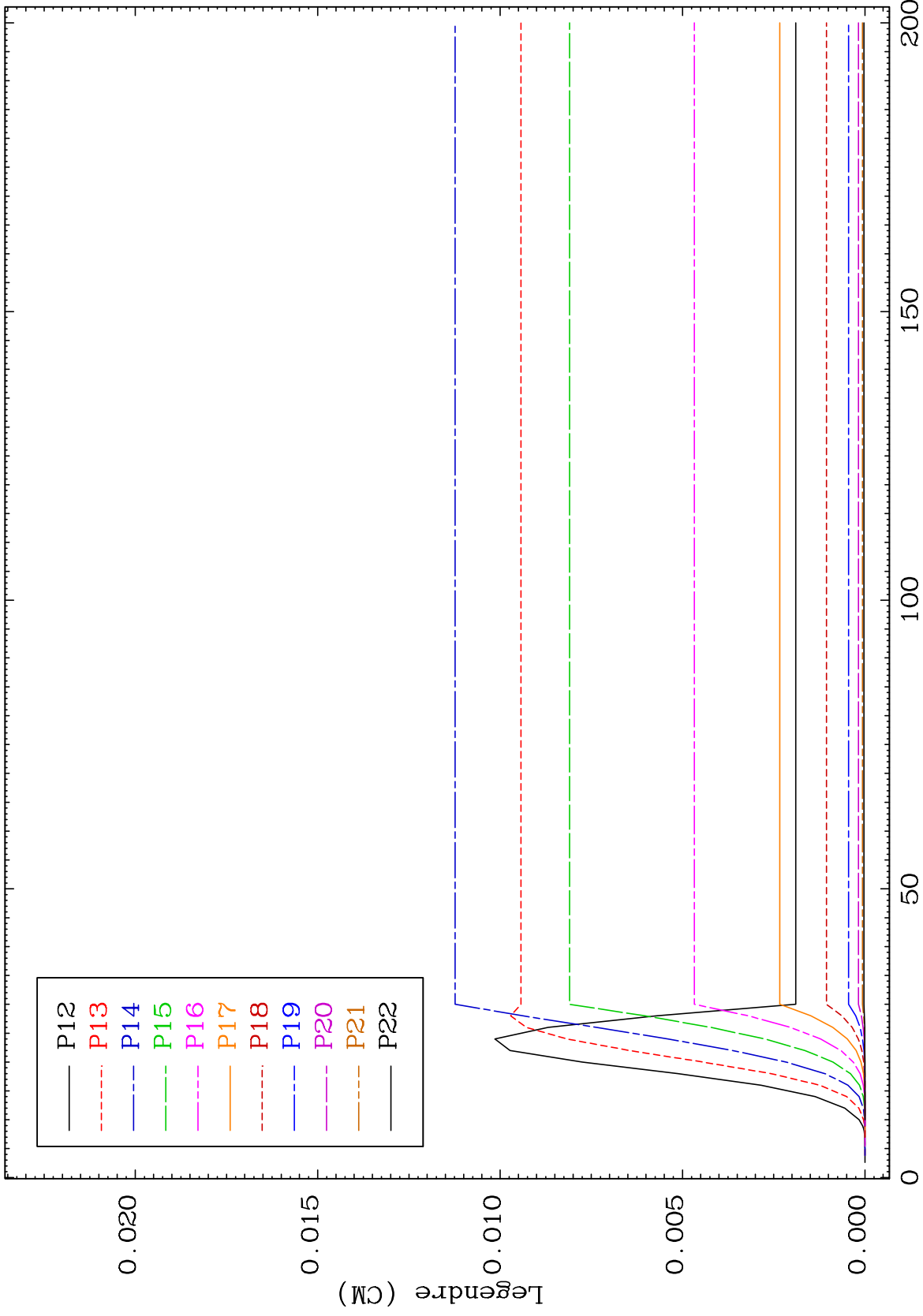




MAT 2513

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

25-Mn-51



22

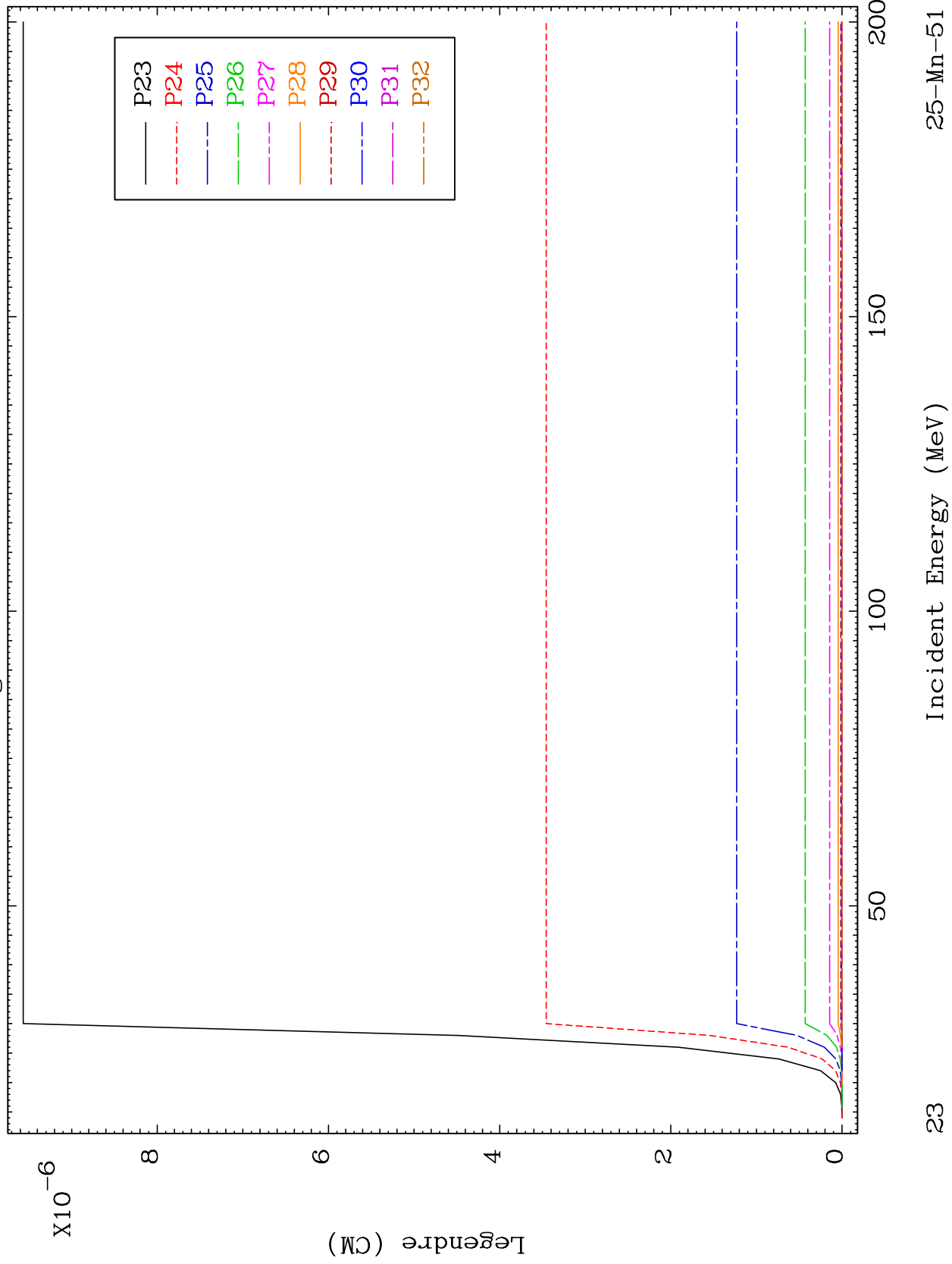
Incident Energy (MeV)

25-Mn-51

MAT 2513

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

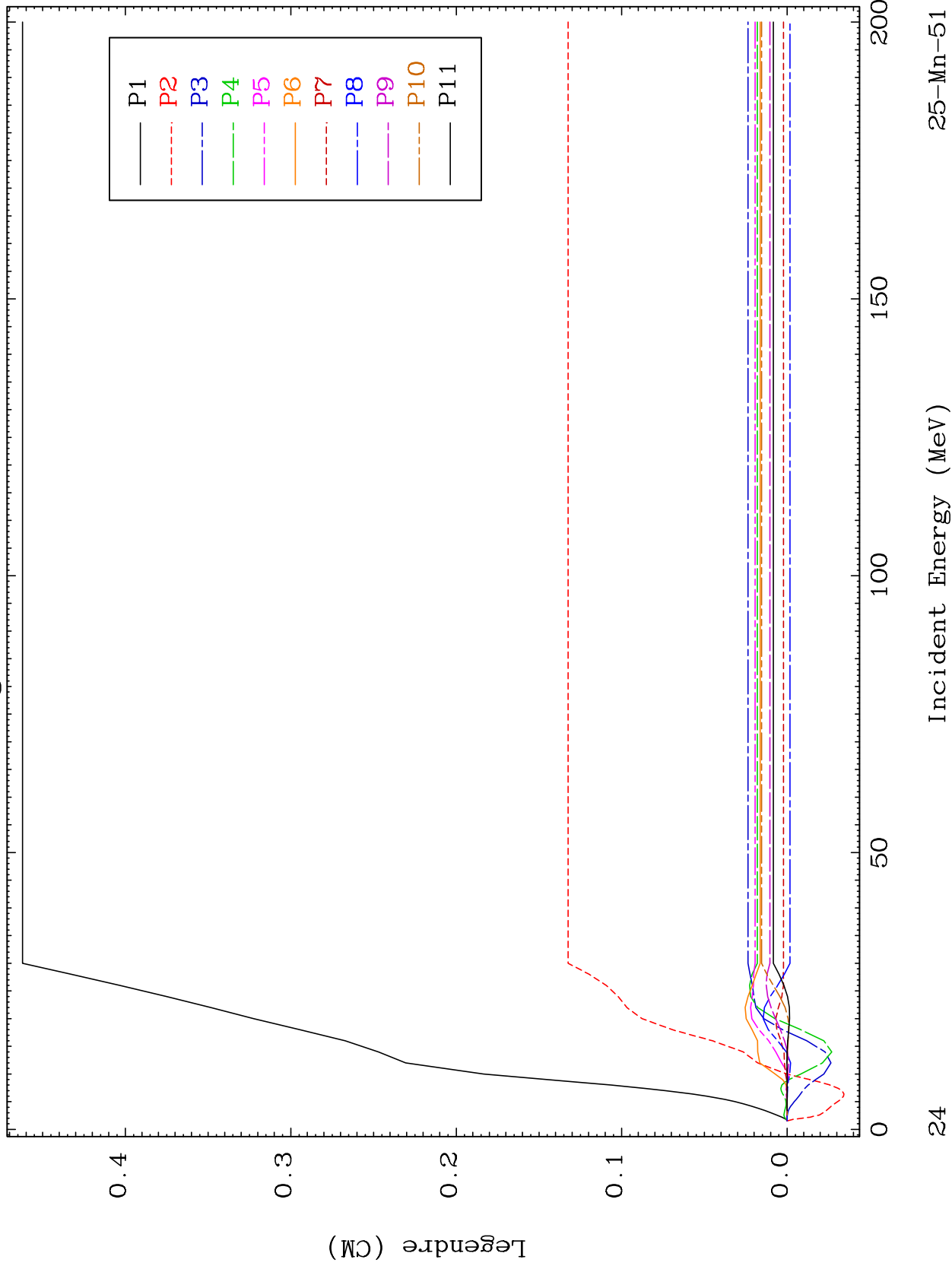
25-Mn-51



MAT 2513

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

25-Mn-51



24

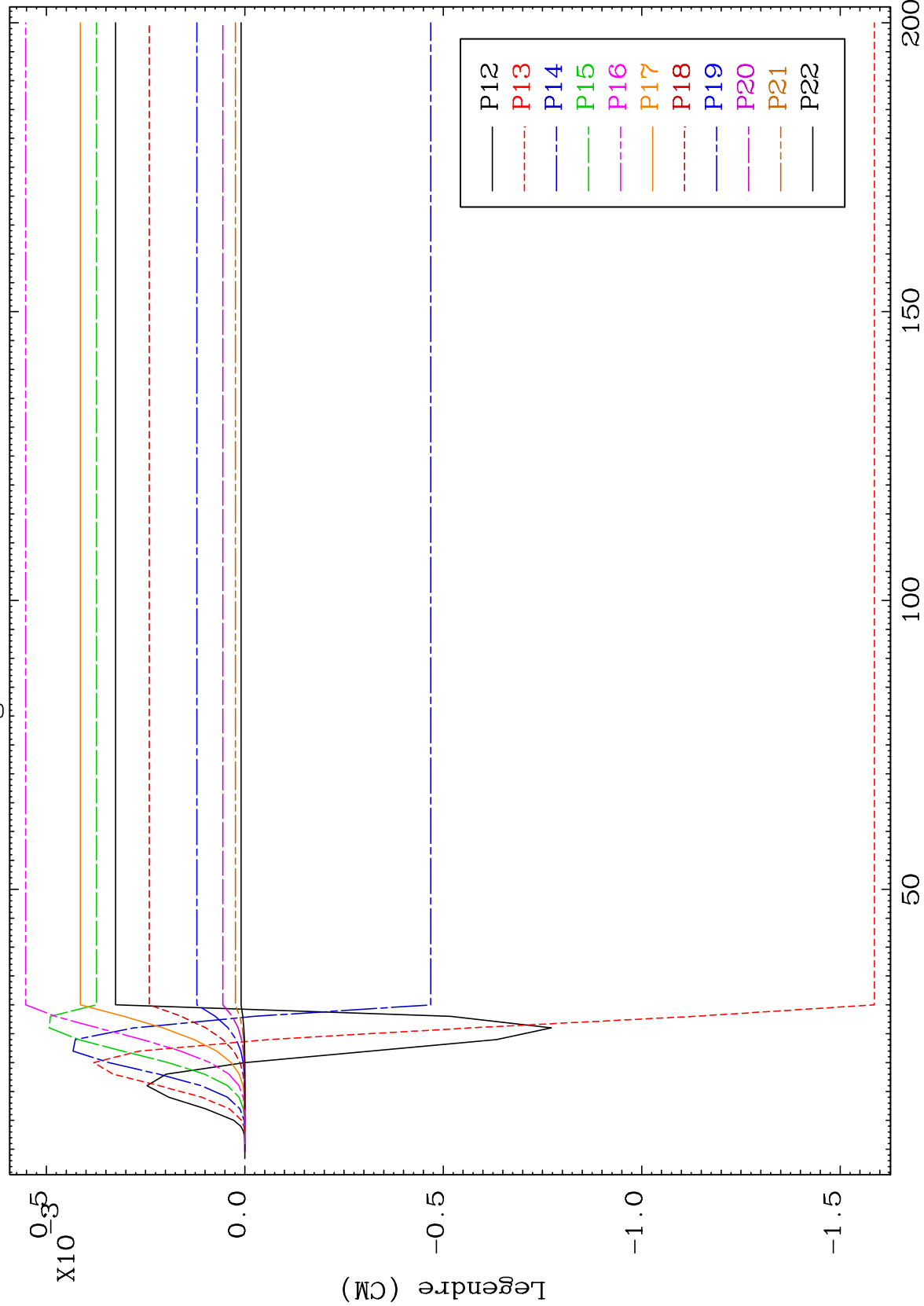
Incident Energy (MeV)

25-Mn-51

MAT 2513

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

25-Mn-51



25

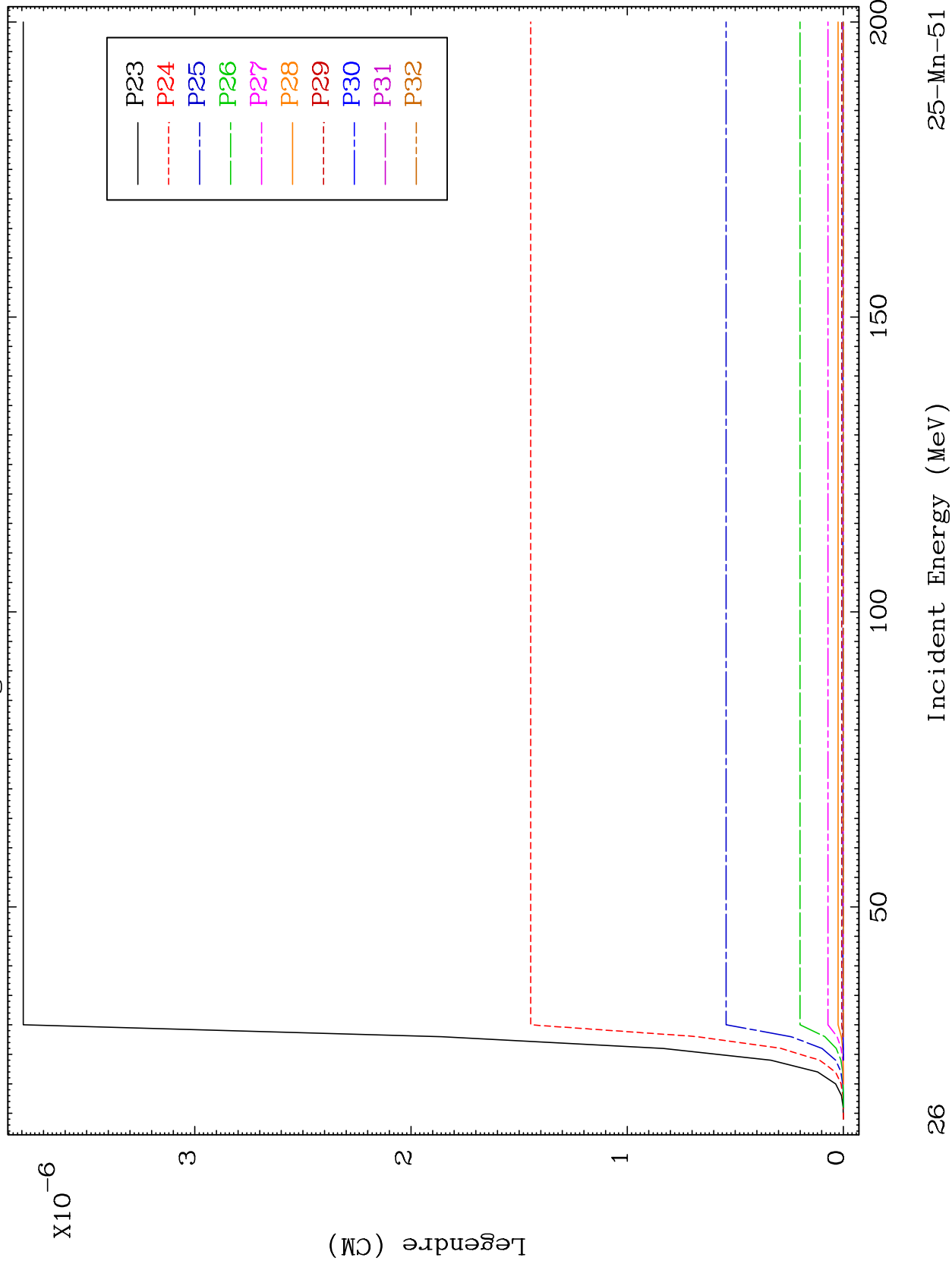
Incident Energy (MeV)

25-Mn-51

MAT 2513

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

25-Mn-51



26

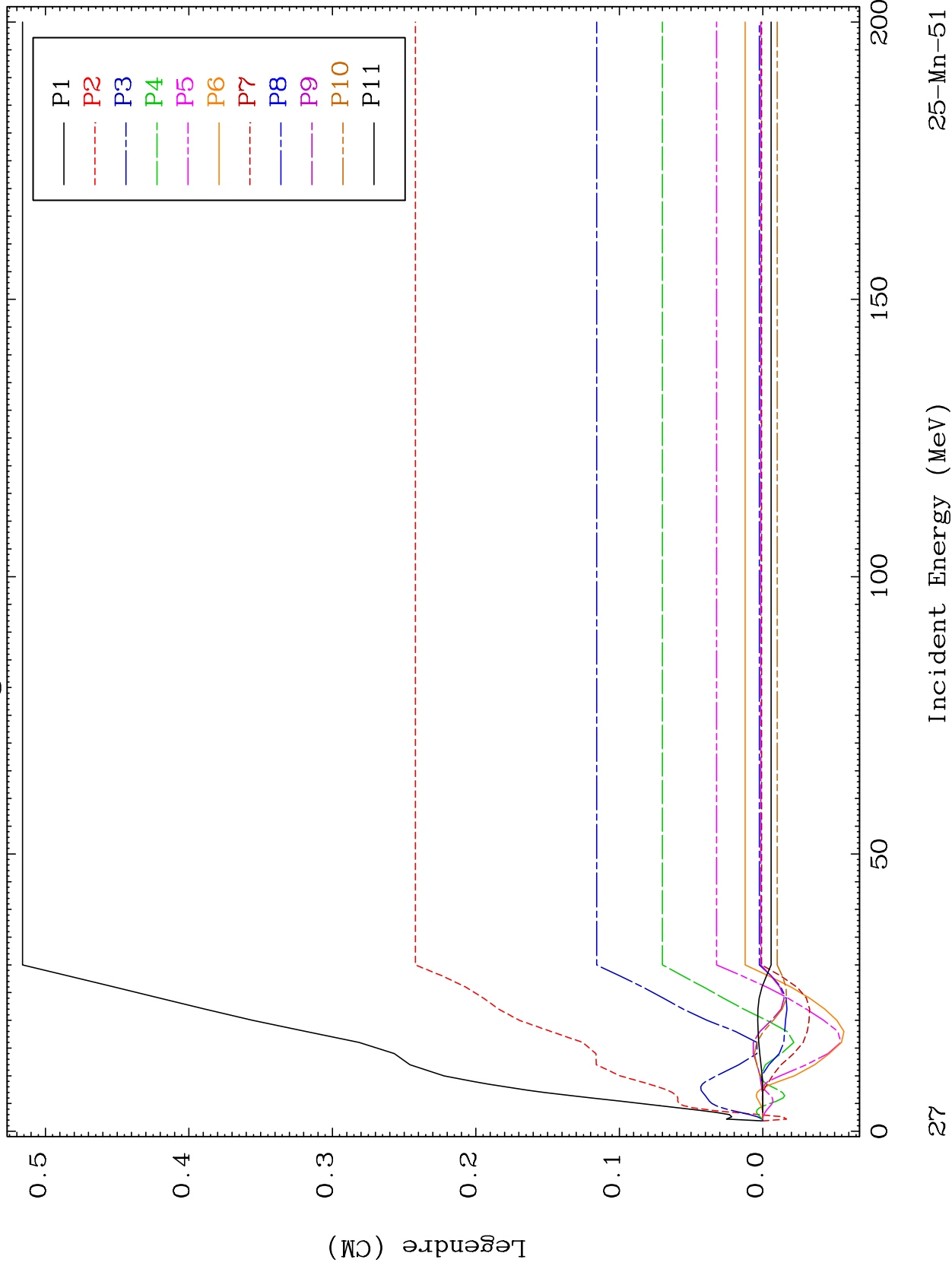
Incident Energy (MeV)

25-Mn-51

MAT 2513

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

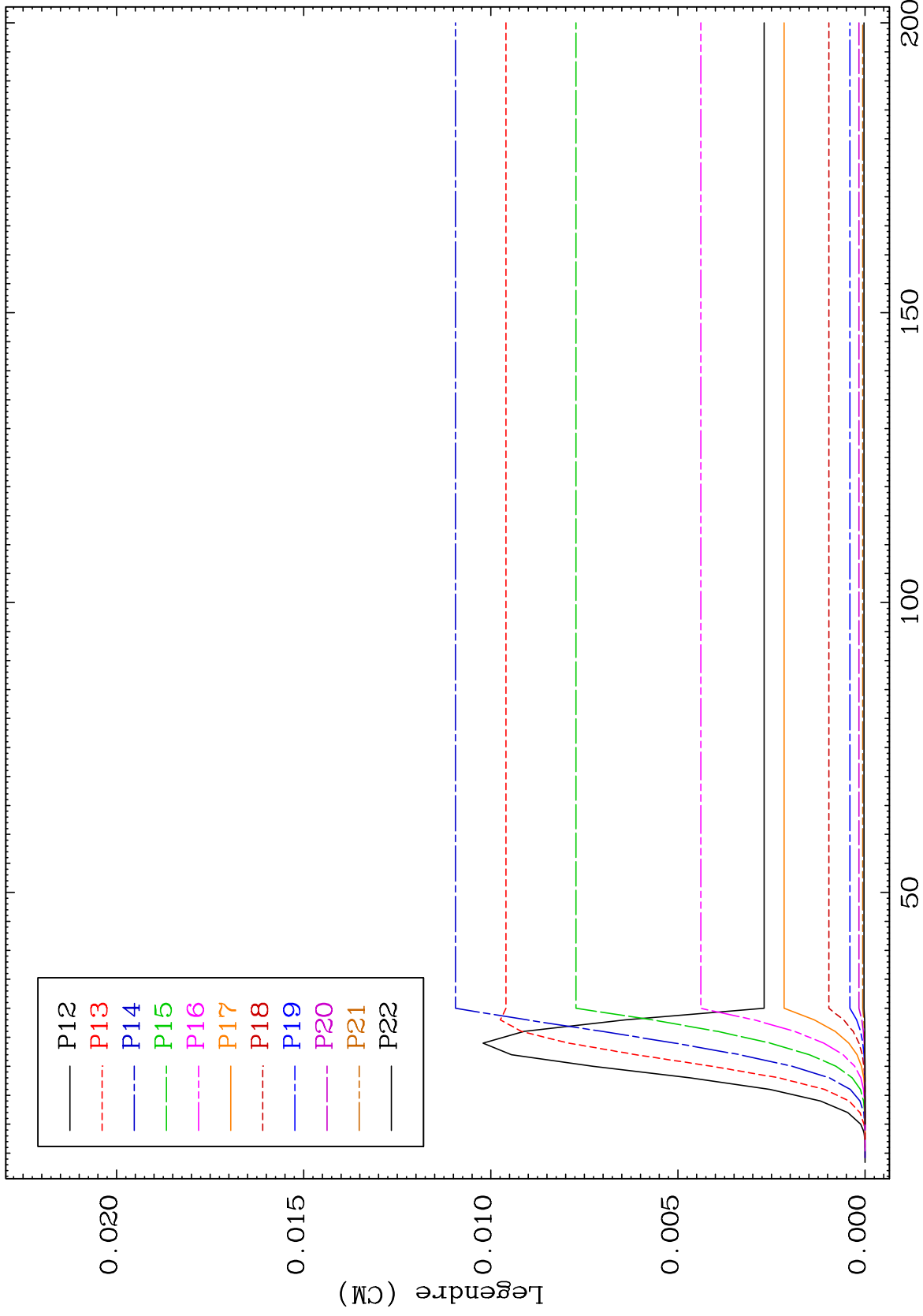
25-Mn-51



MAT 2513

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

25-Mn-51



28

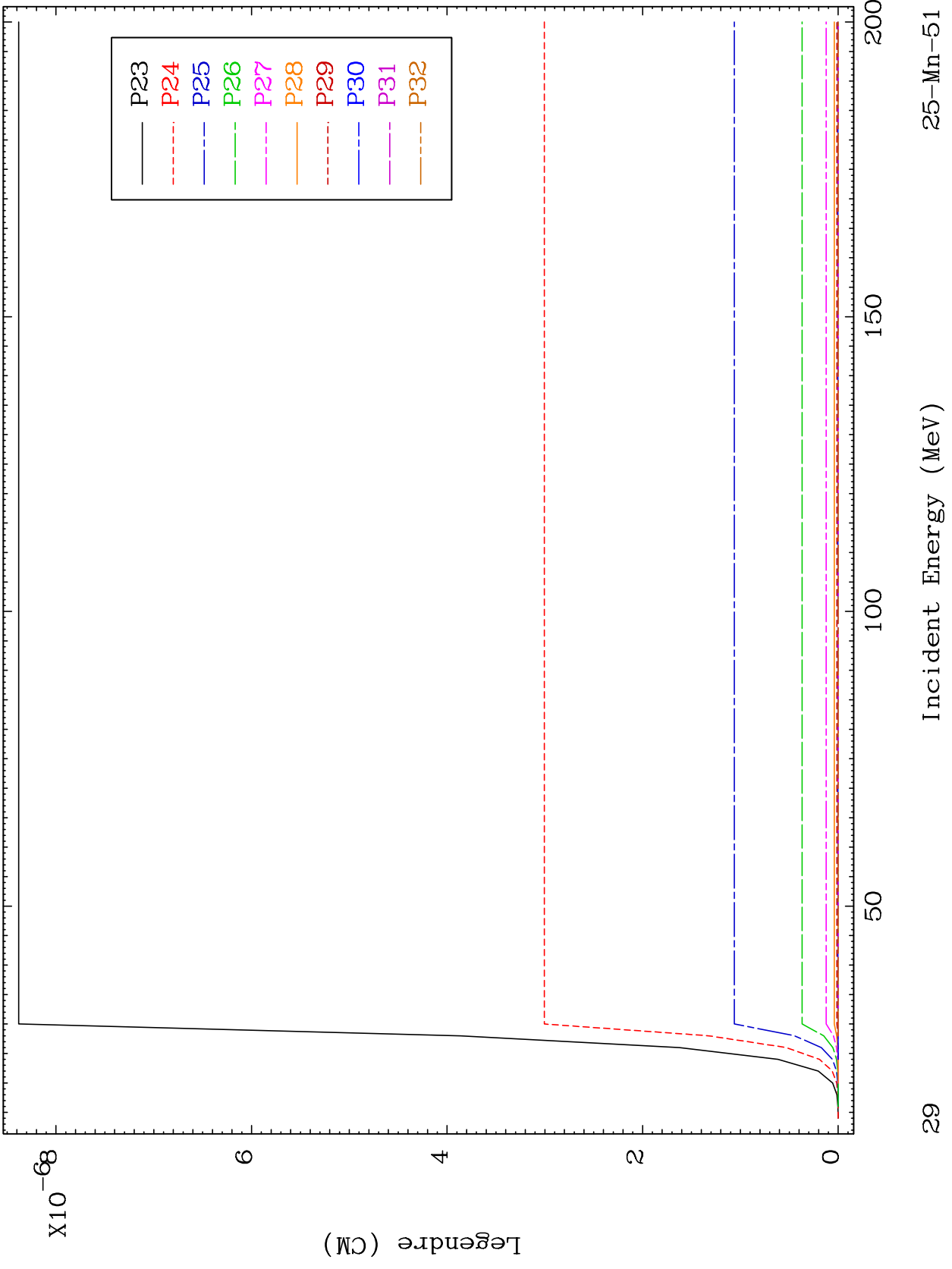
Incident Energy (MeV)

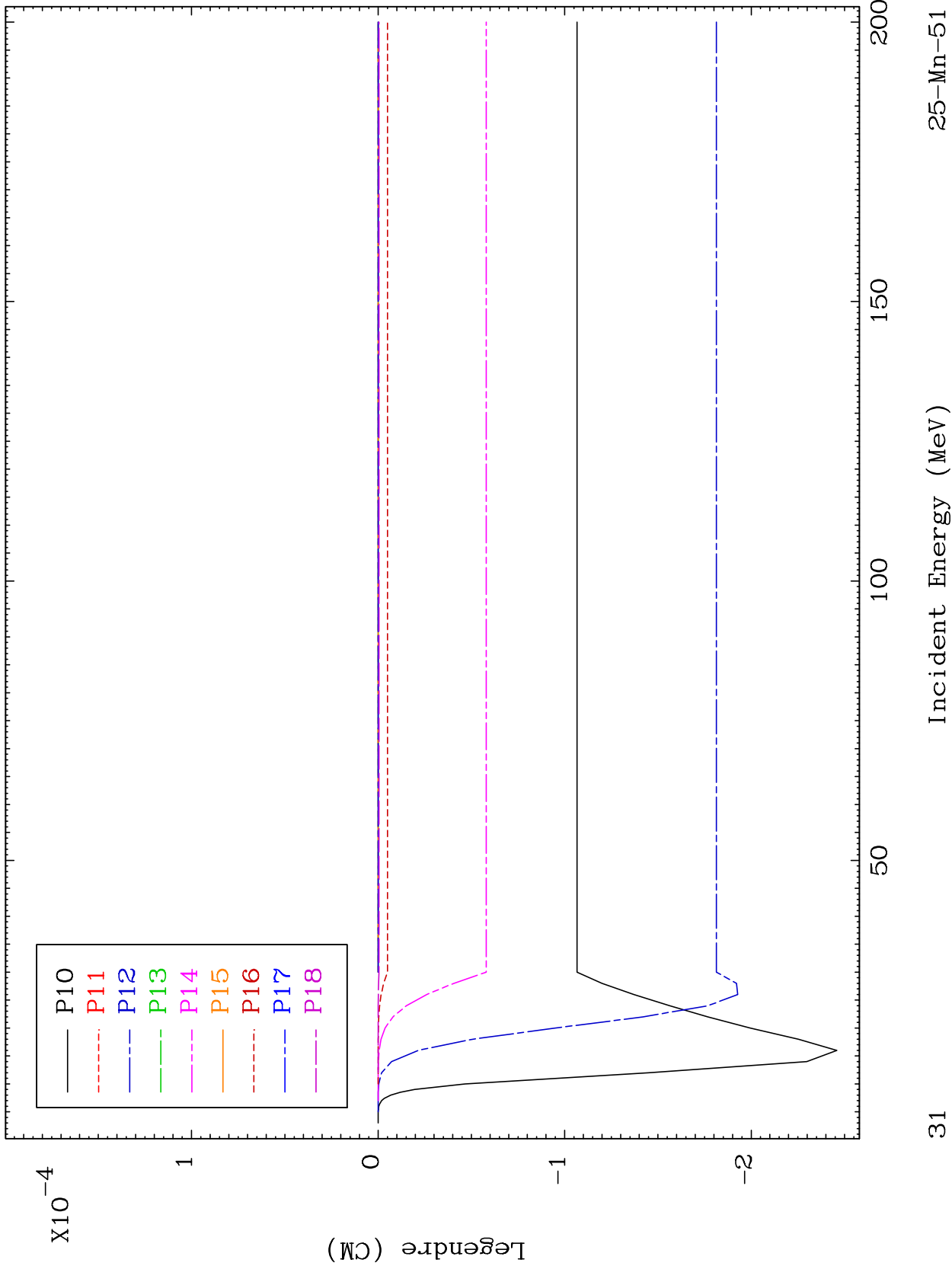
25-Mn-51

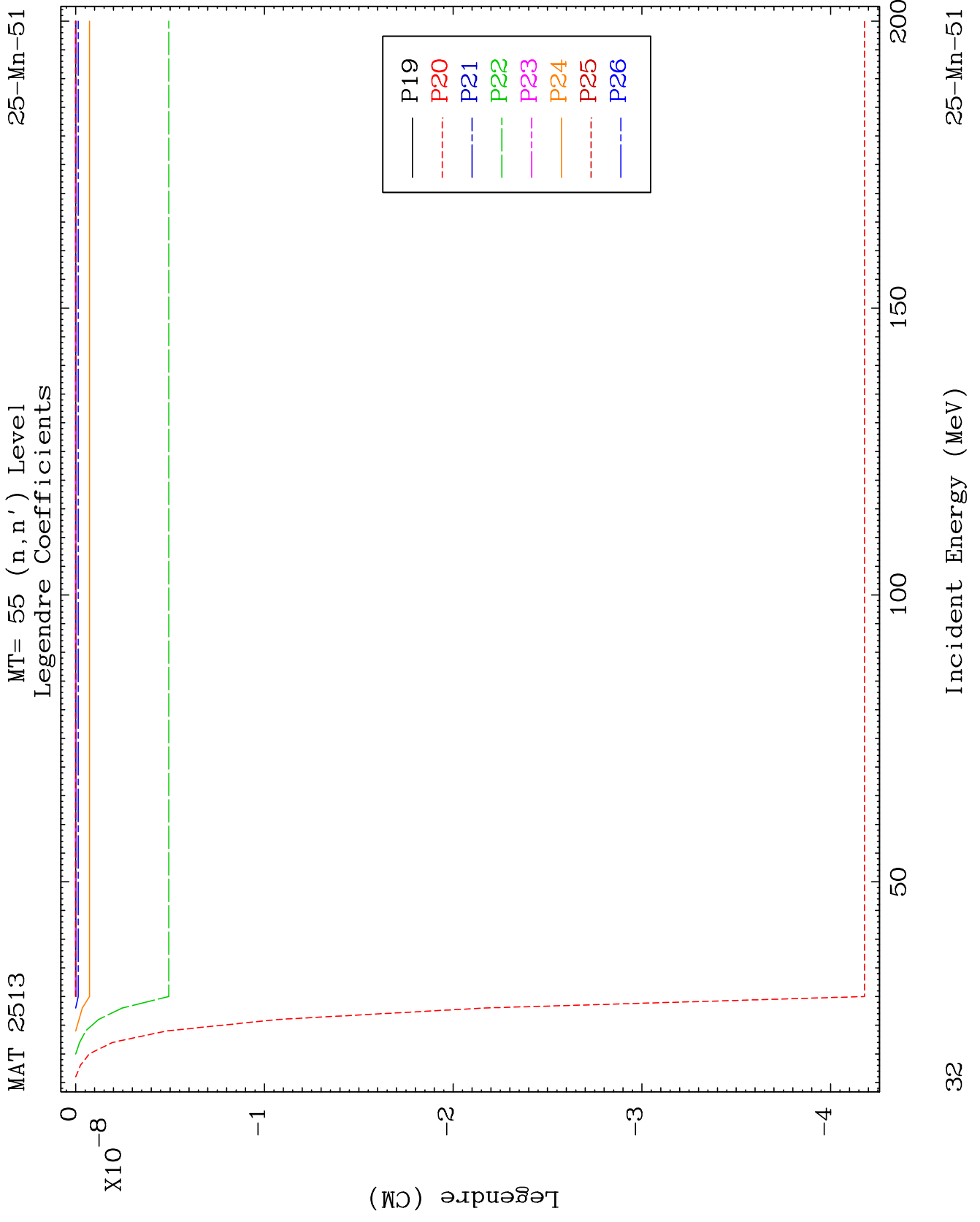
MAT 2513

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

25-Mn-51



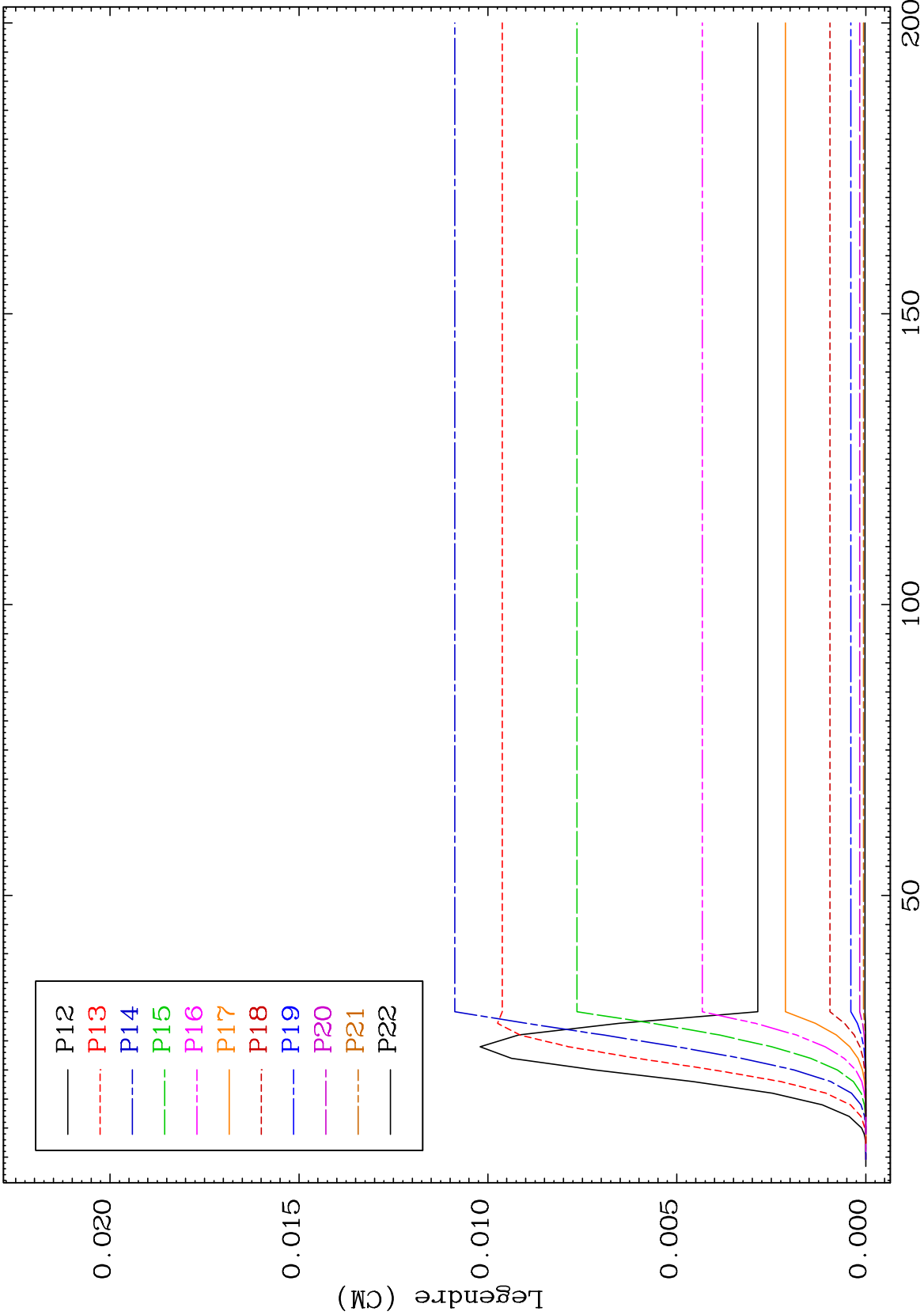




MAT 2513

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

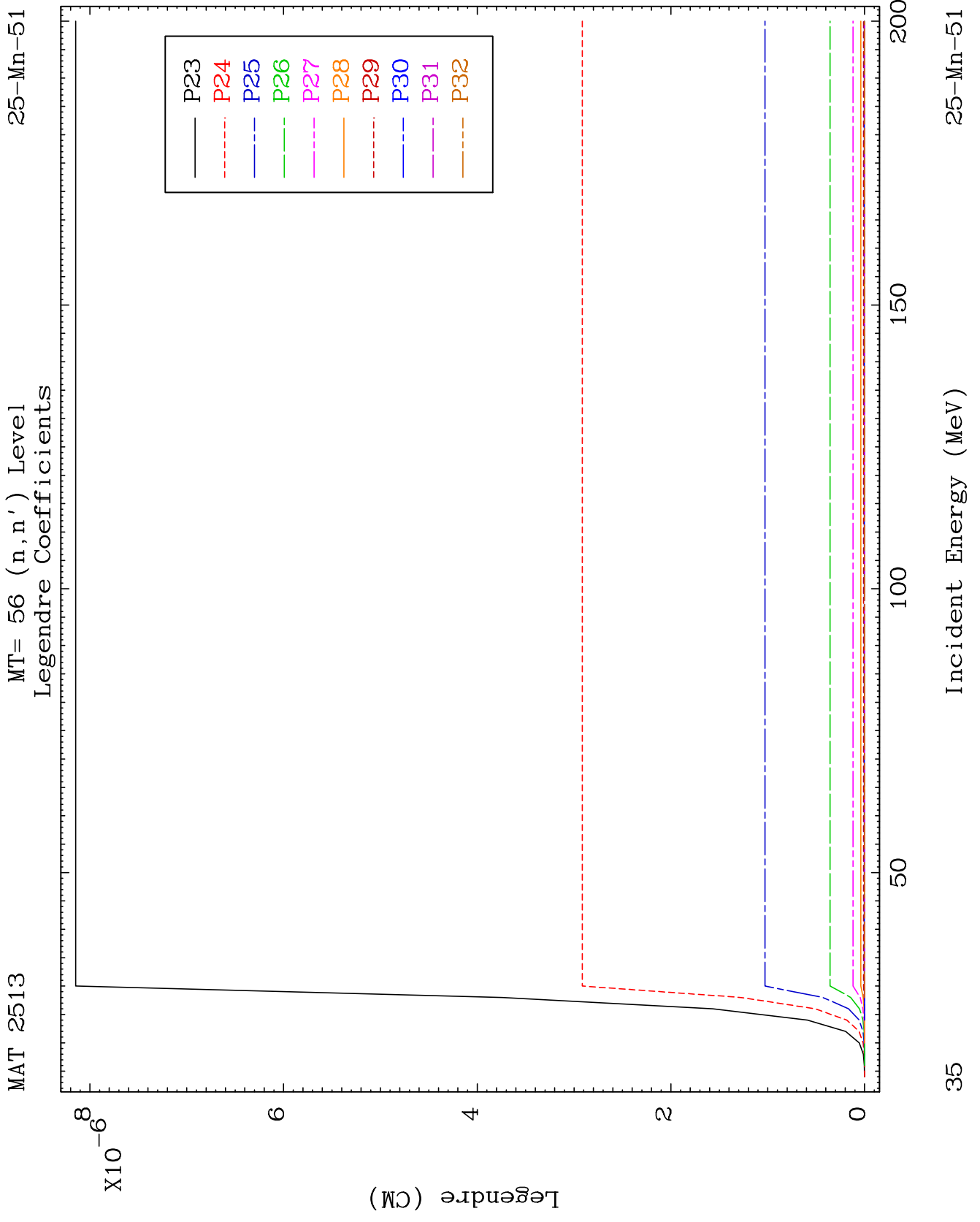
25-Mn-51



34

Incident Energy (MeV)

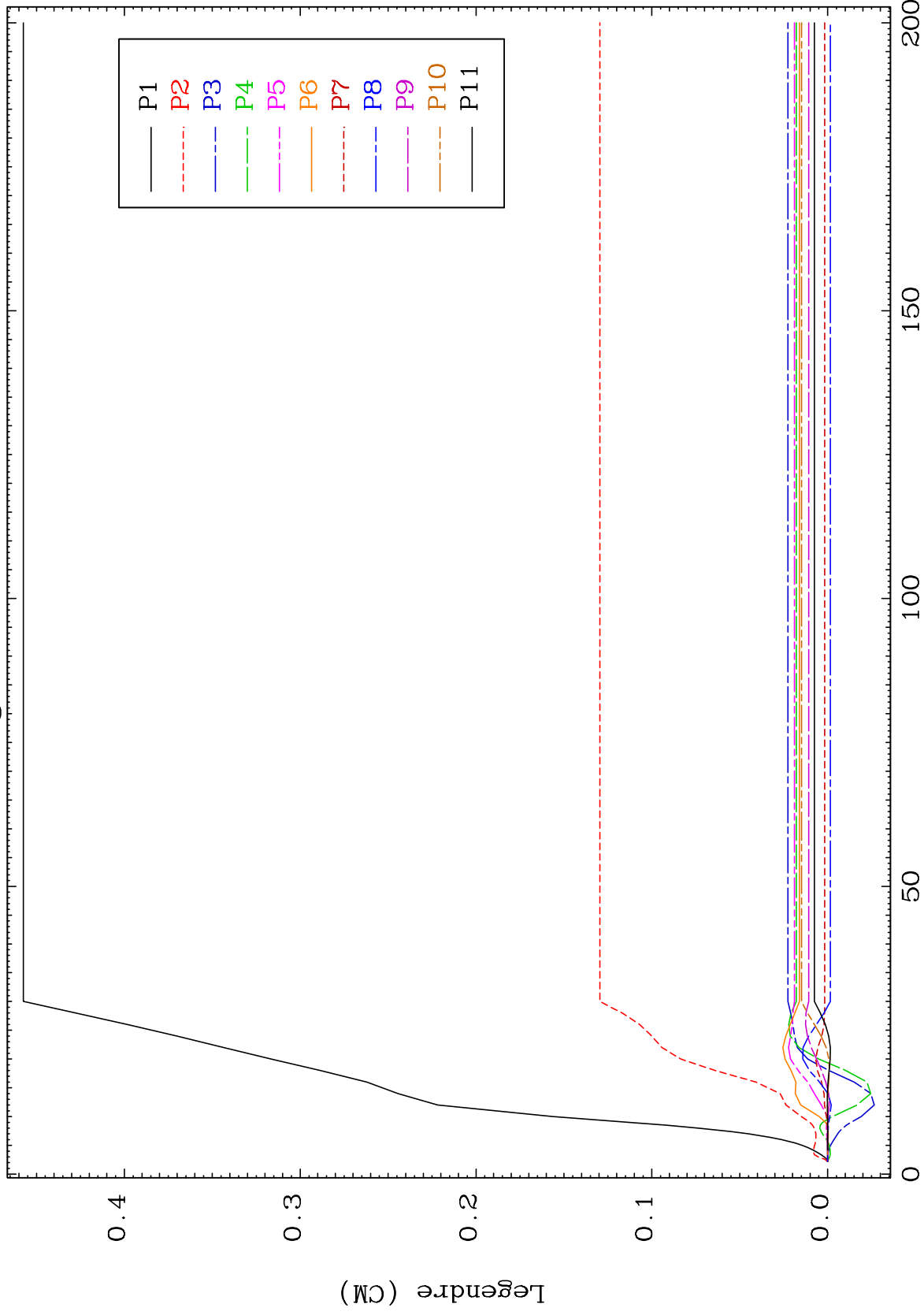
25-Mn-51



MAT 2513

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

25-Mn-51



36

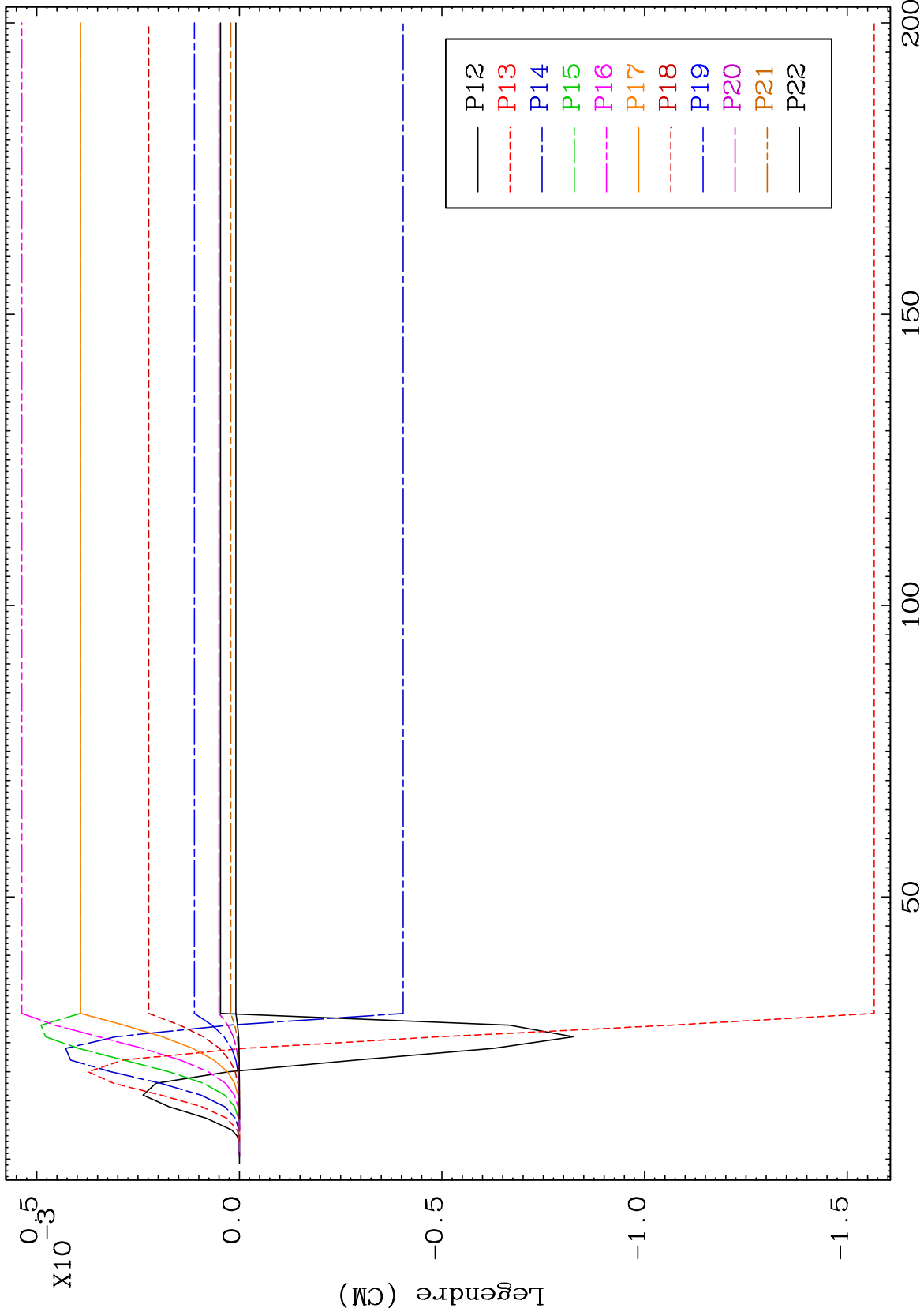
Incident Energy (MeV)

25-Mn-51

MAT 2513

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

25-Mn-51



37

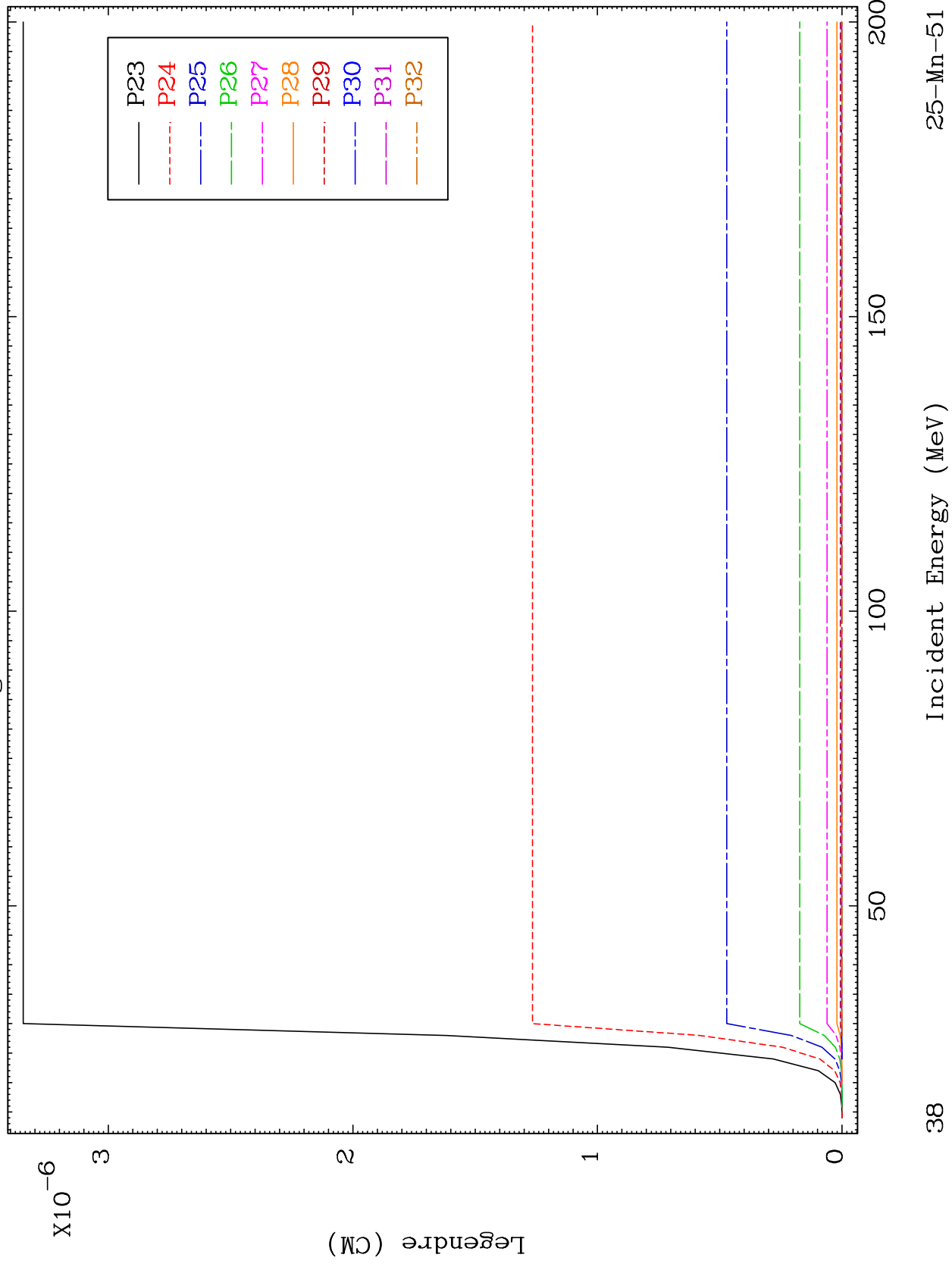
Incident Energy (MeV)

25-Mn-51

MAT 2513

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

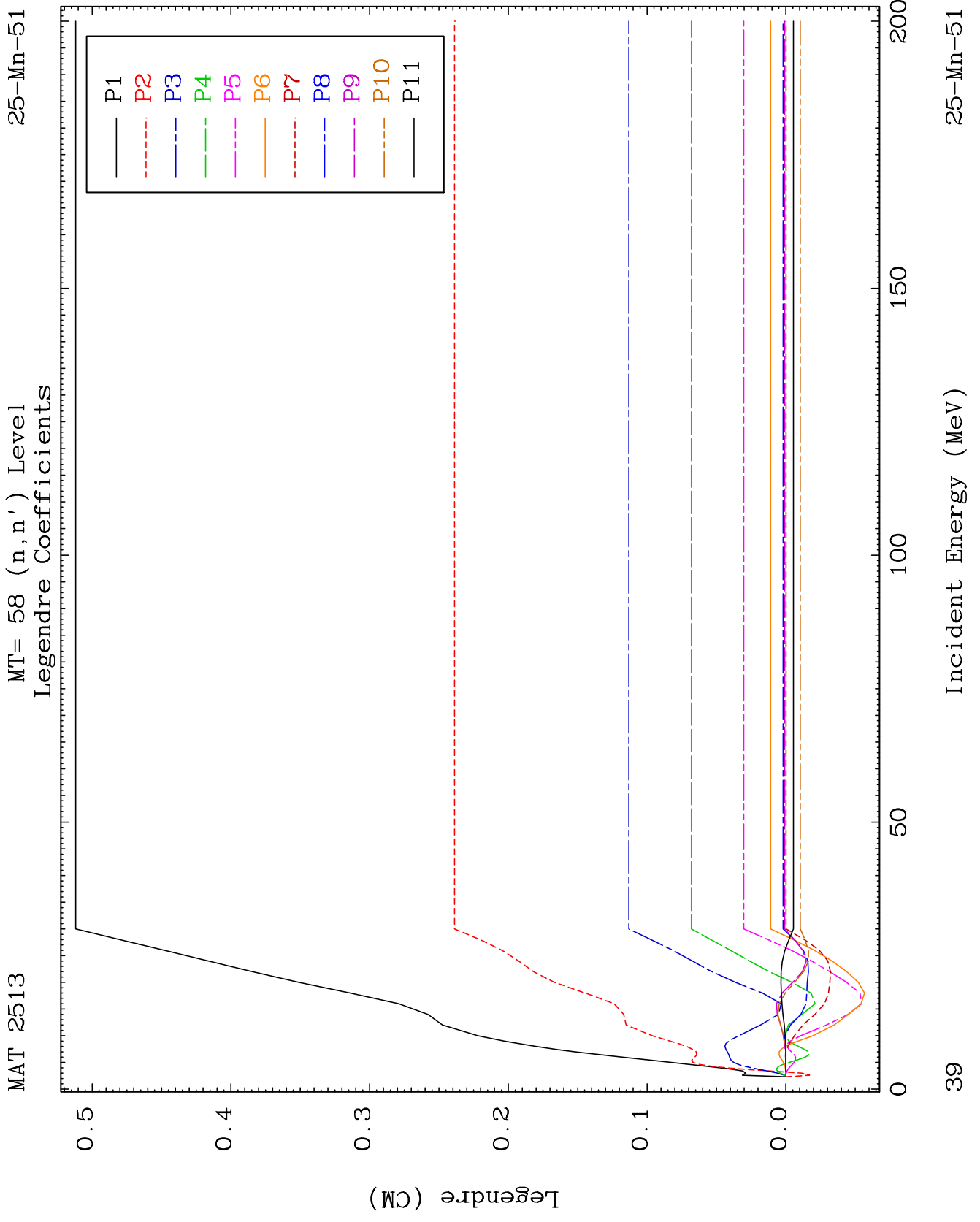
25-Mn-51



38

Incident Energy (MeV)

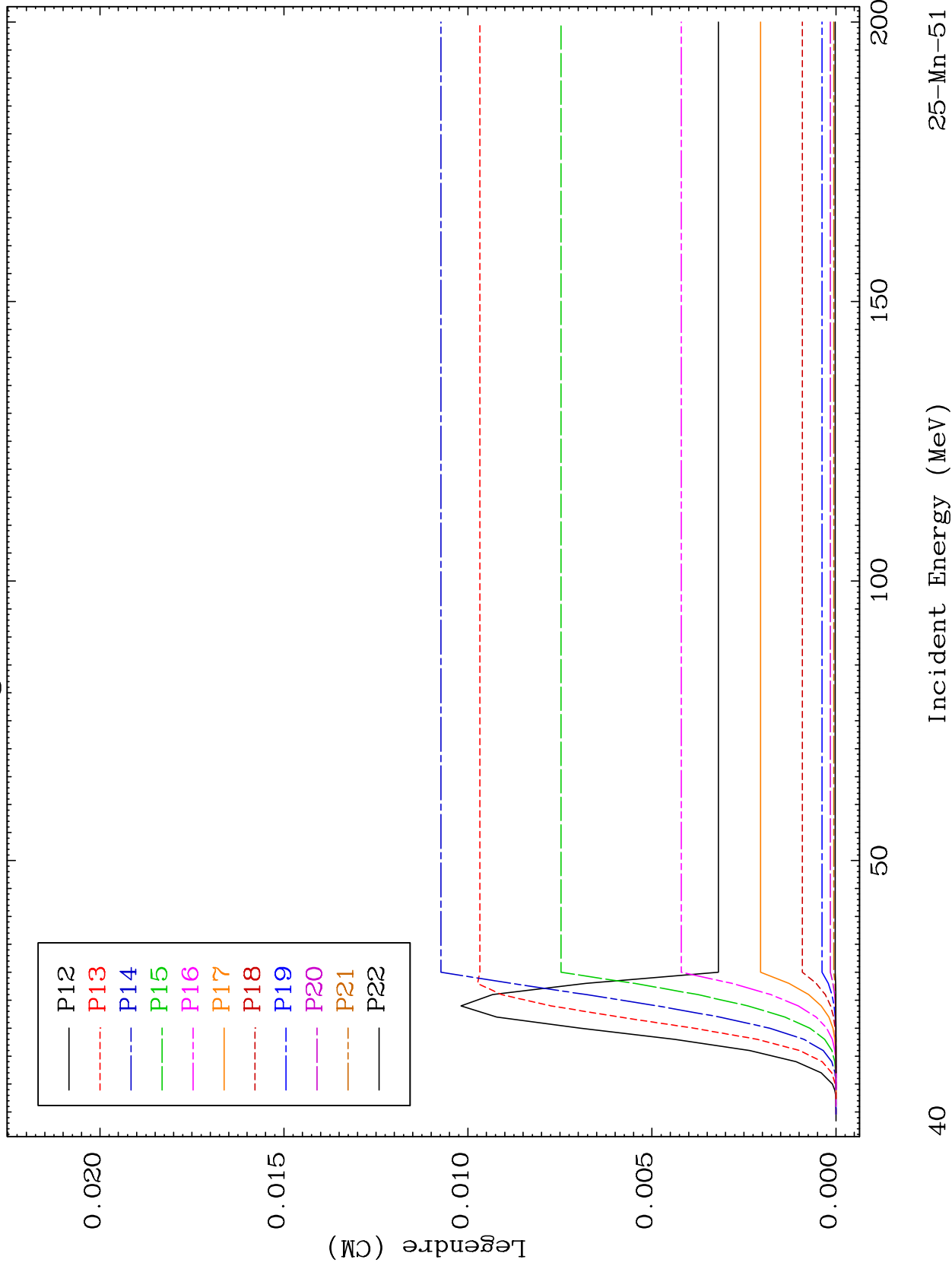
25-Mn-51



MAT 2513

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

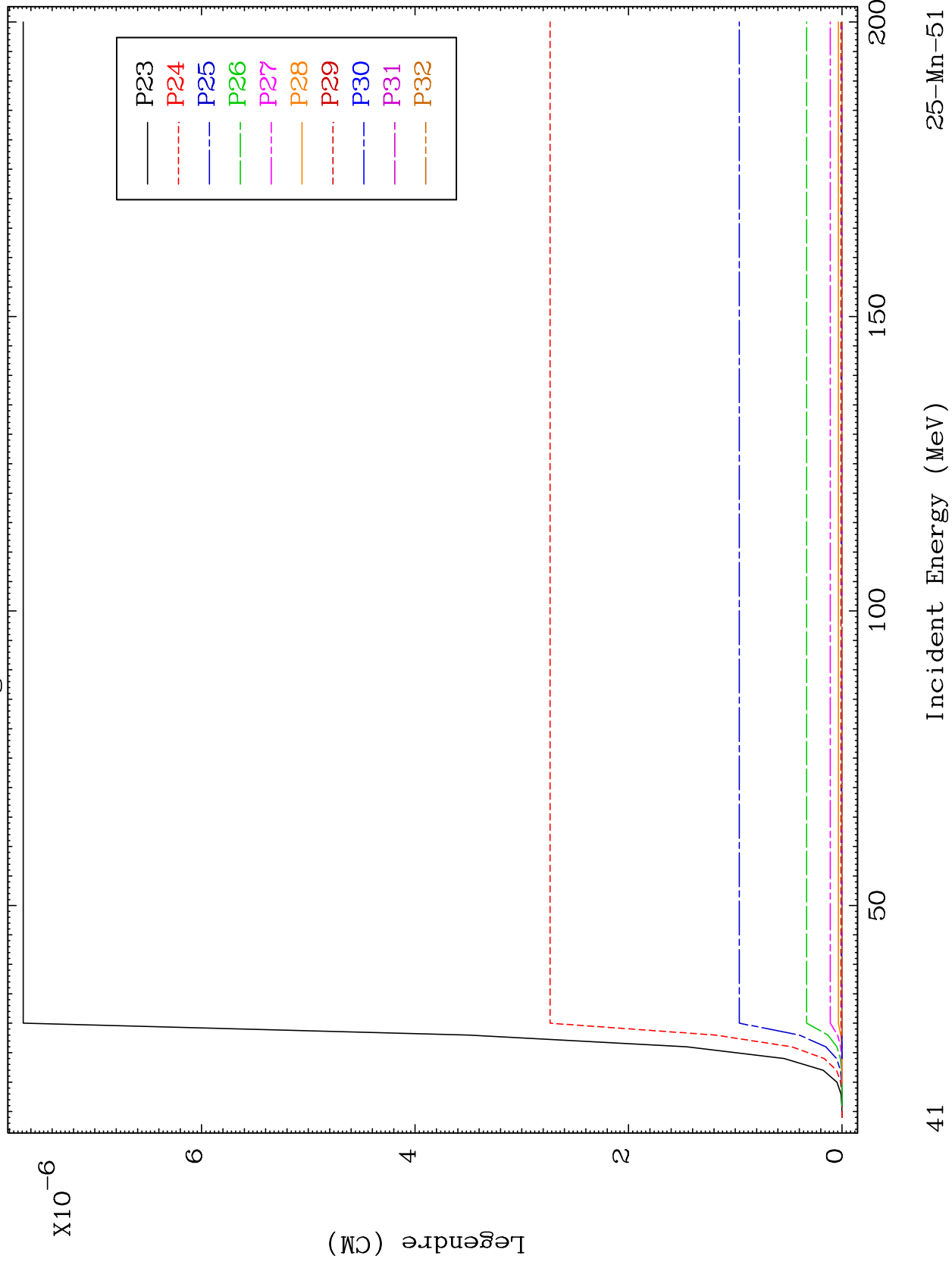
25-Mn-51



MAT 2513

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

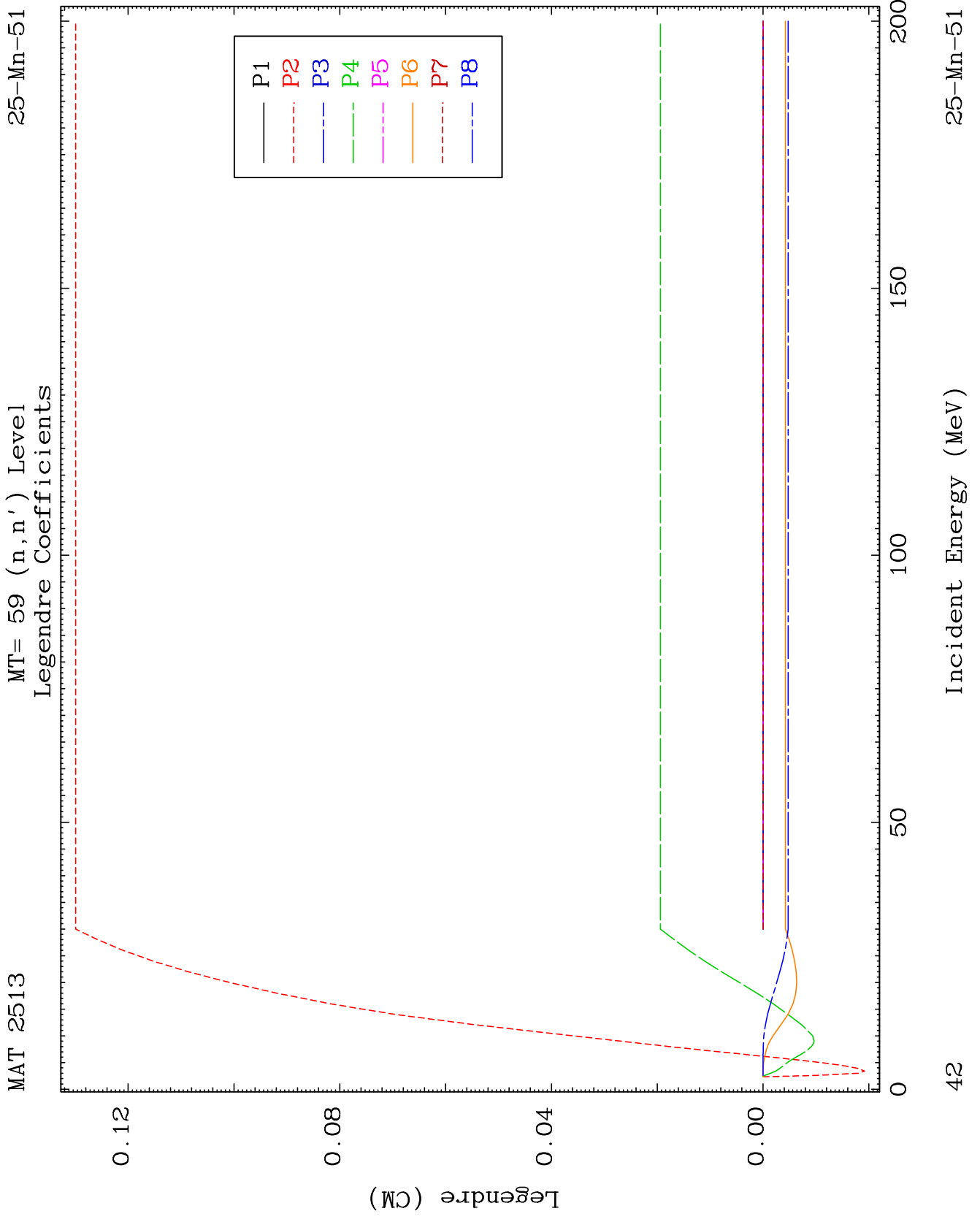
25-Mn-51

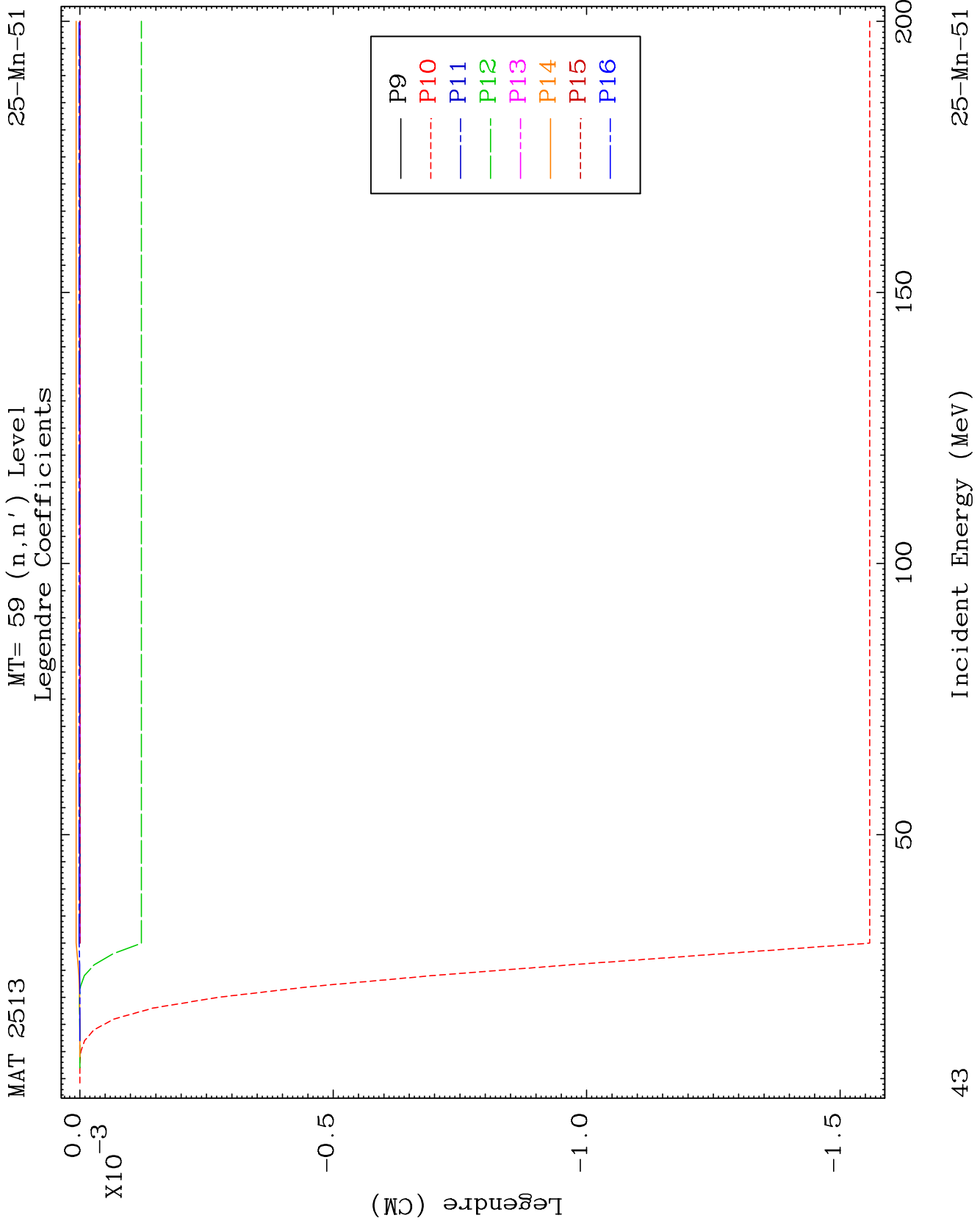


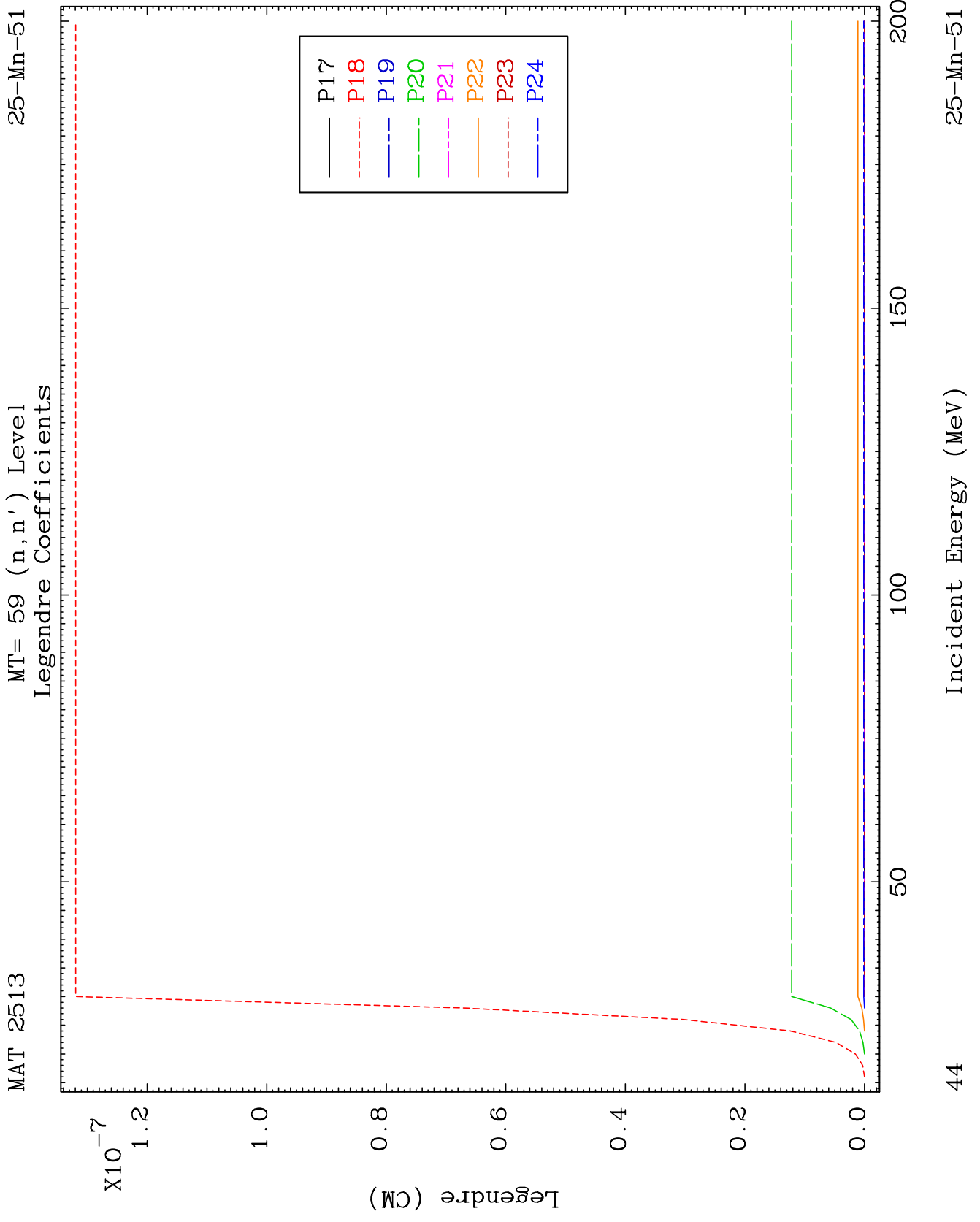
41

Incident Energy (MeV)

25-Mn-51



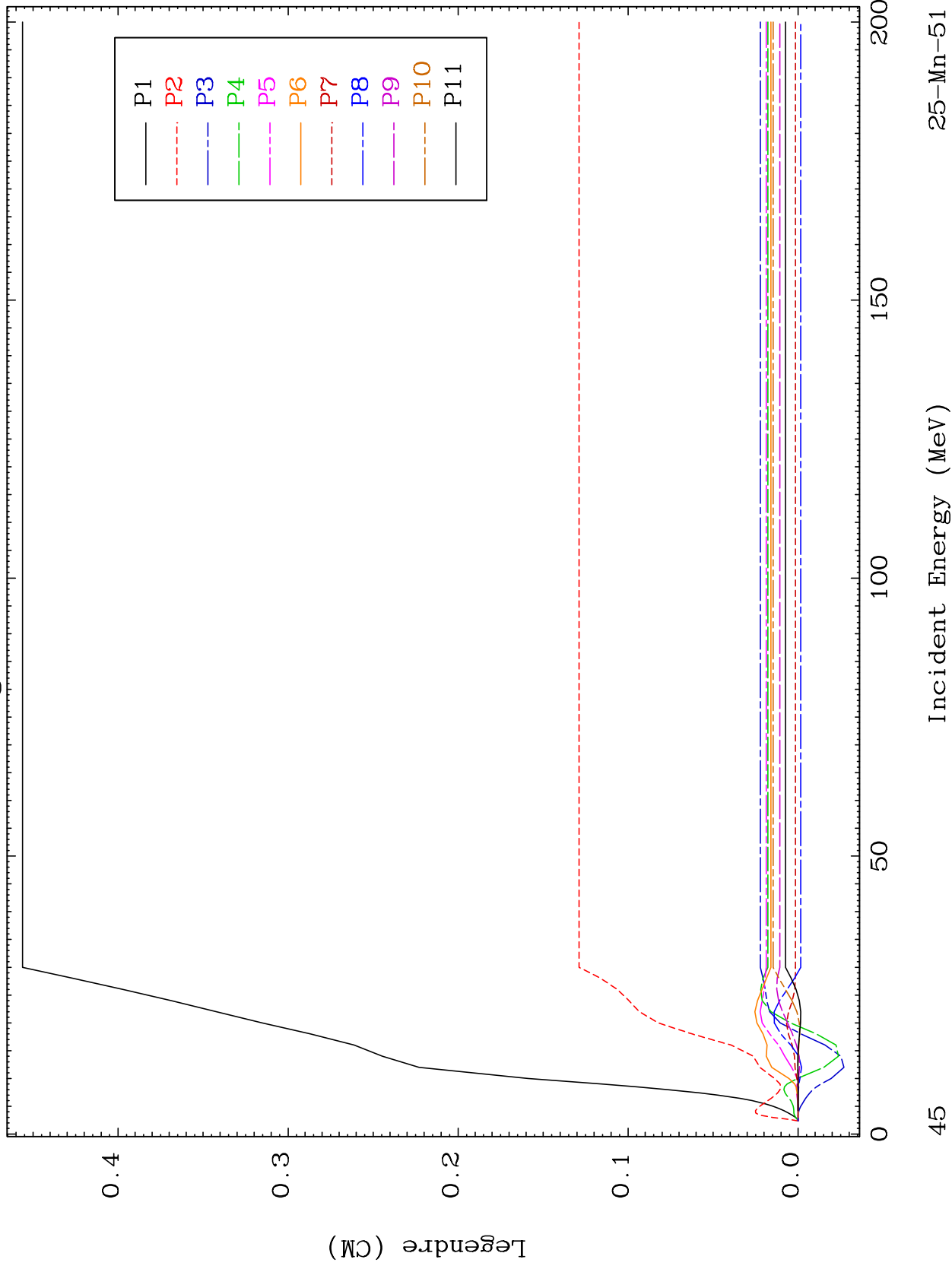




MAT 2513

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

25-Mn-51



25-Mn-51

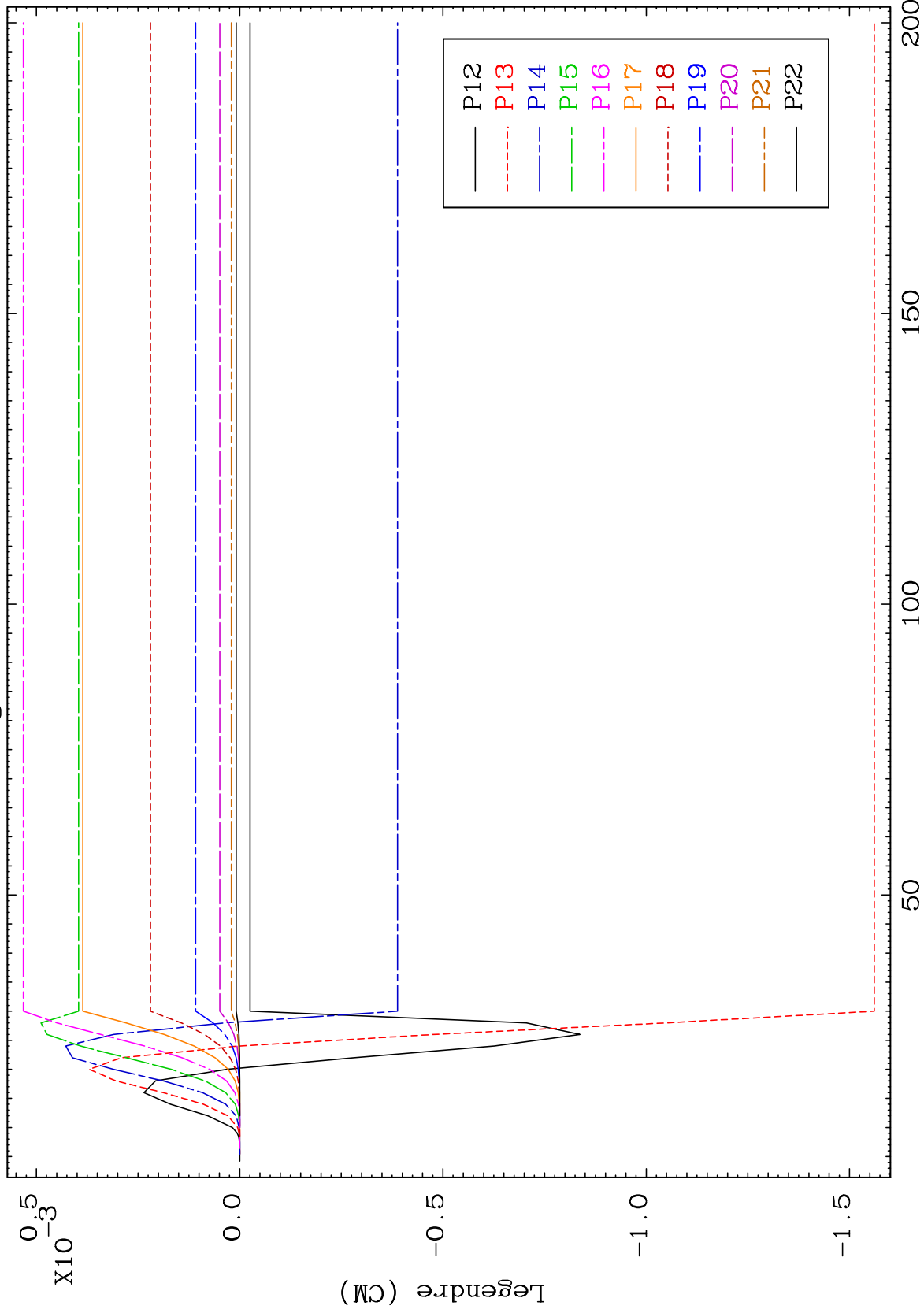
Incident Energy (MeV)

45

MAT 2513

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

25-Mn-51



46

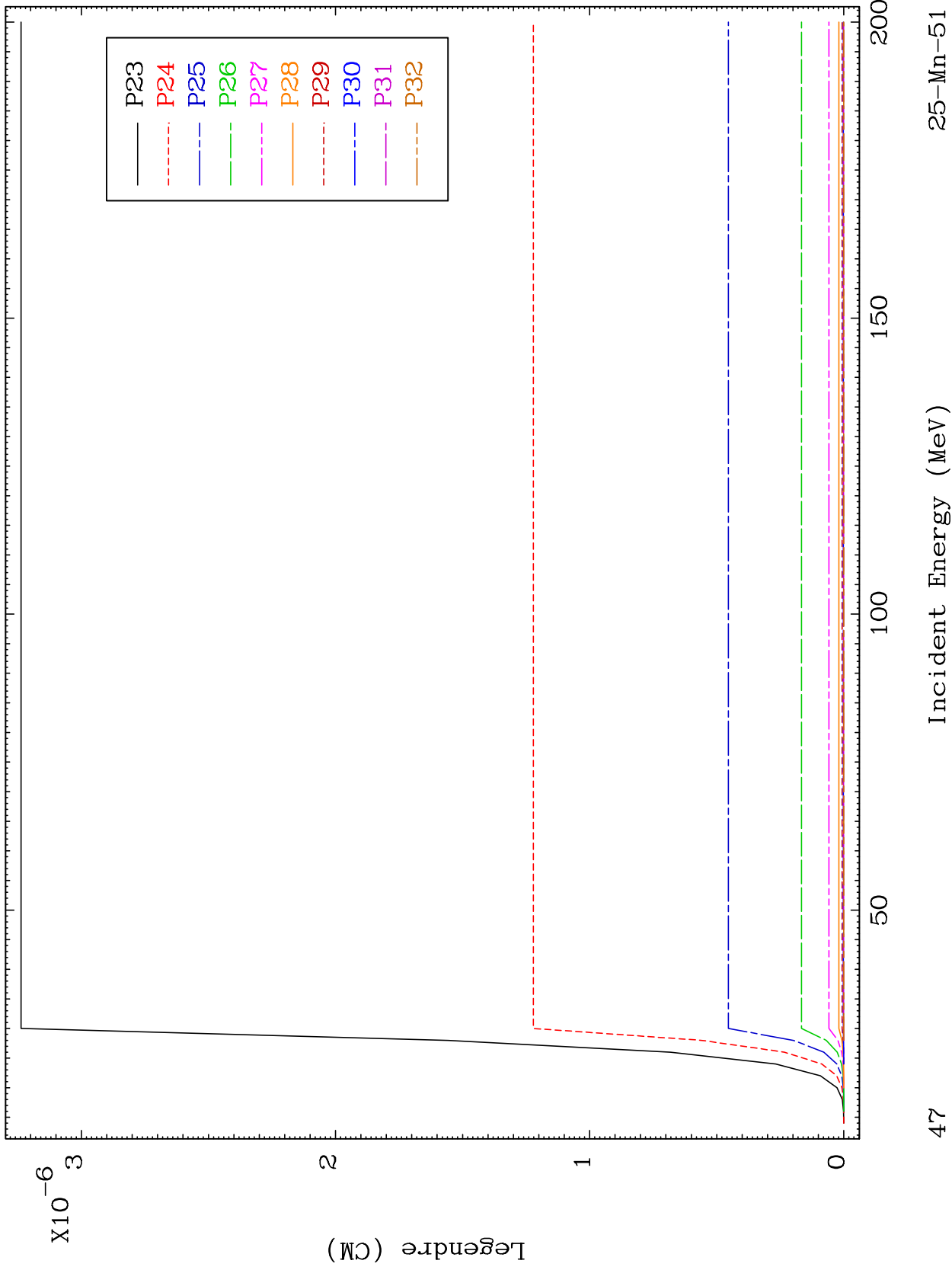
Incident Energy (MeV)

25-Mn-51

MAT 2513

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

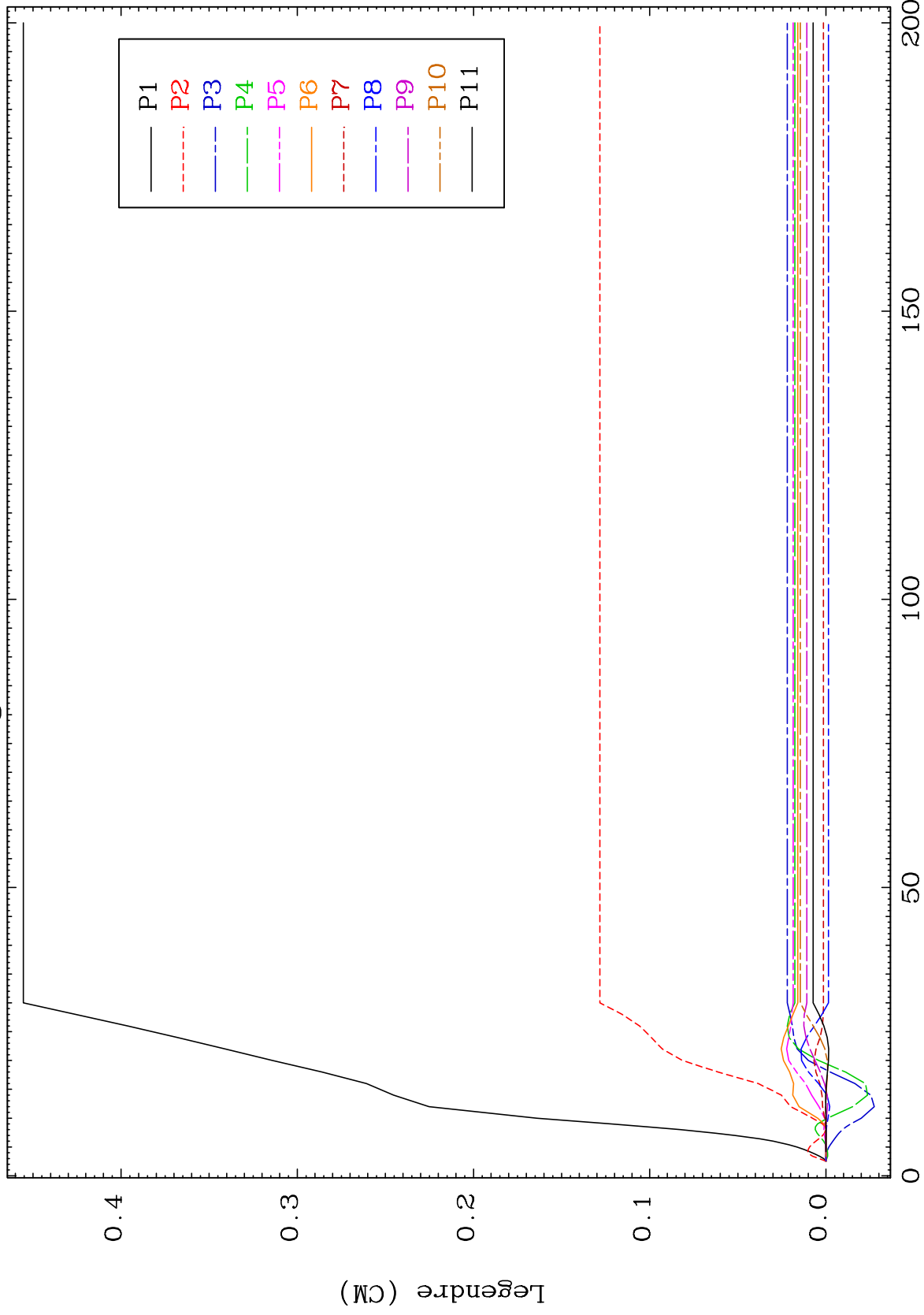
25-Mn-51



MAT 2513

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

25-Mn-51



48

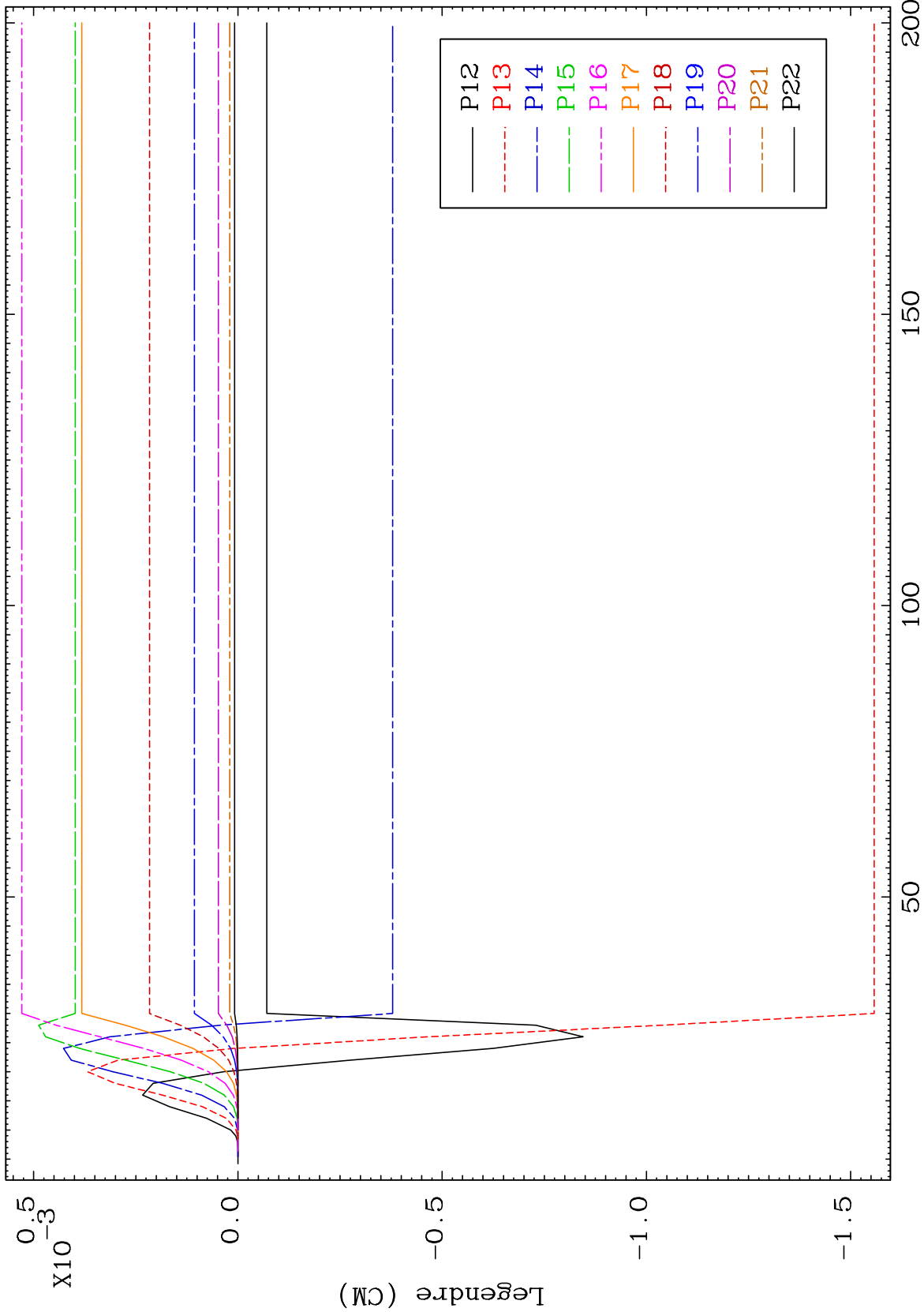
Incident Energy (MeV)

25-Mn-51

MAT 2513

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

25-Mn-51



49

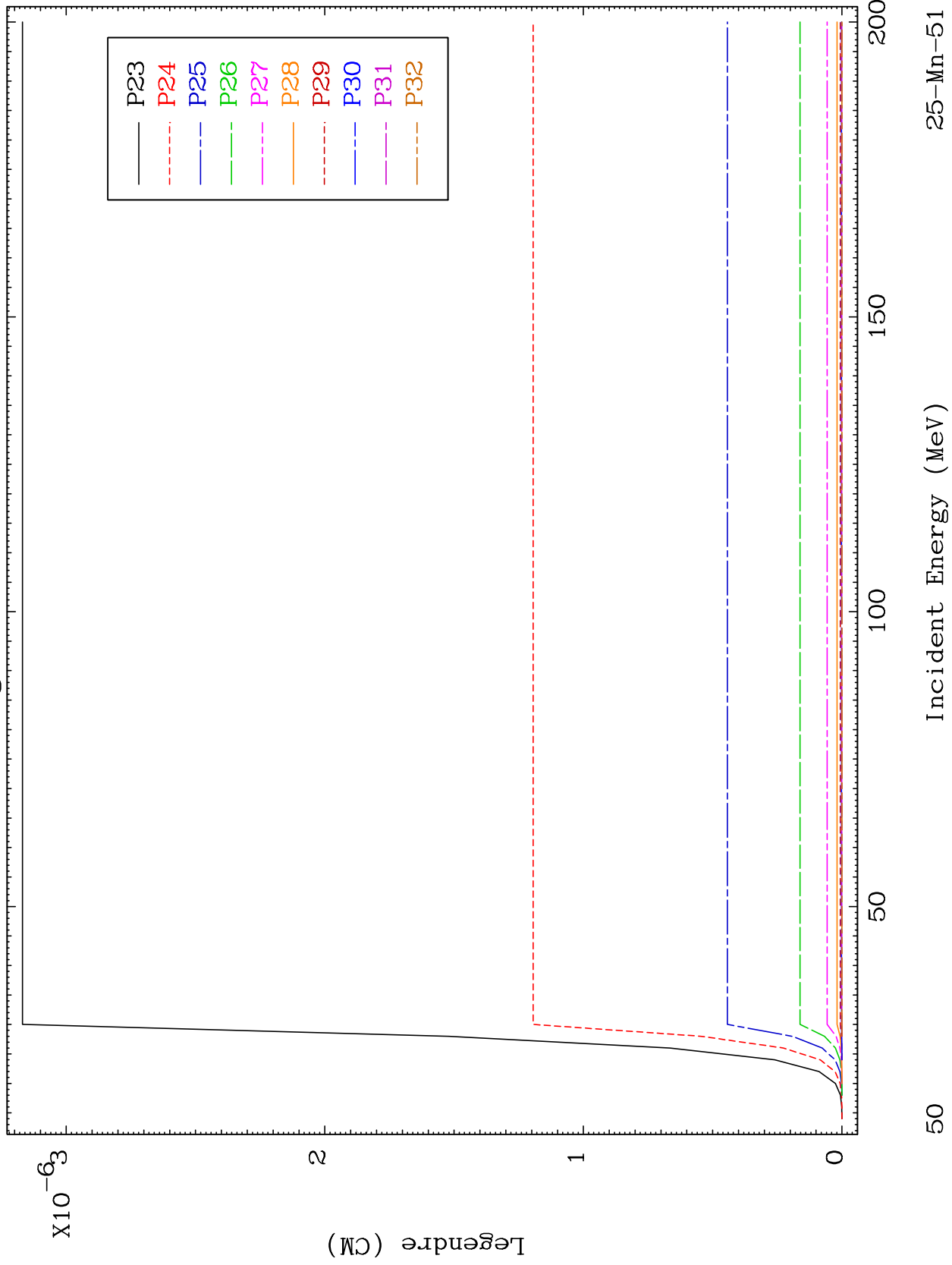
Incident Energy (MeV)

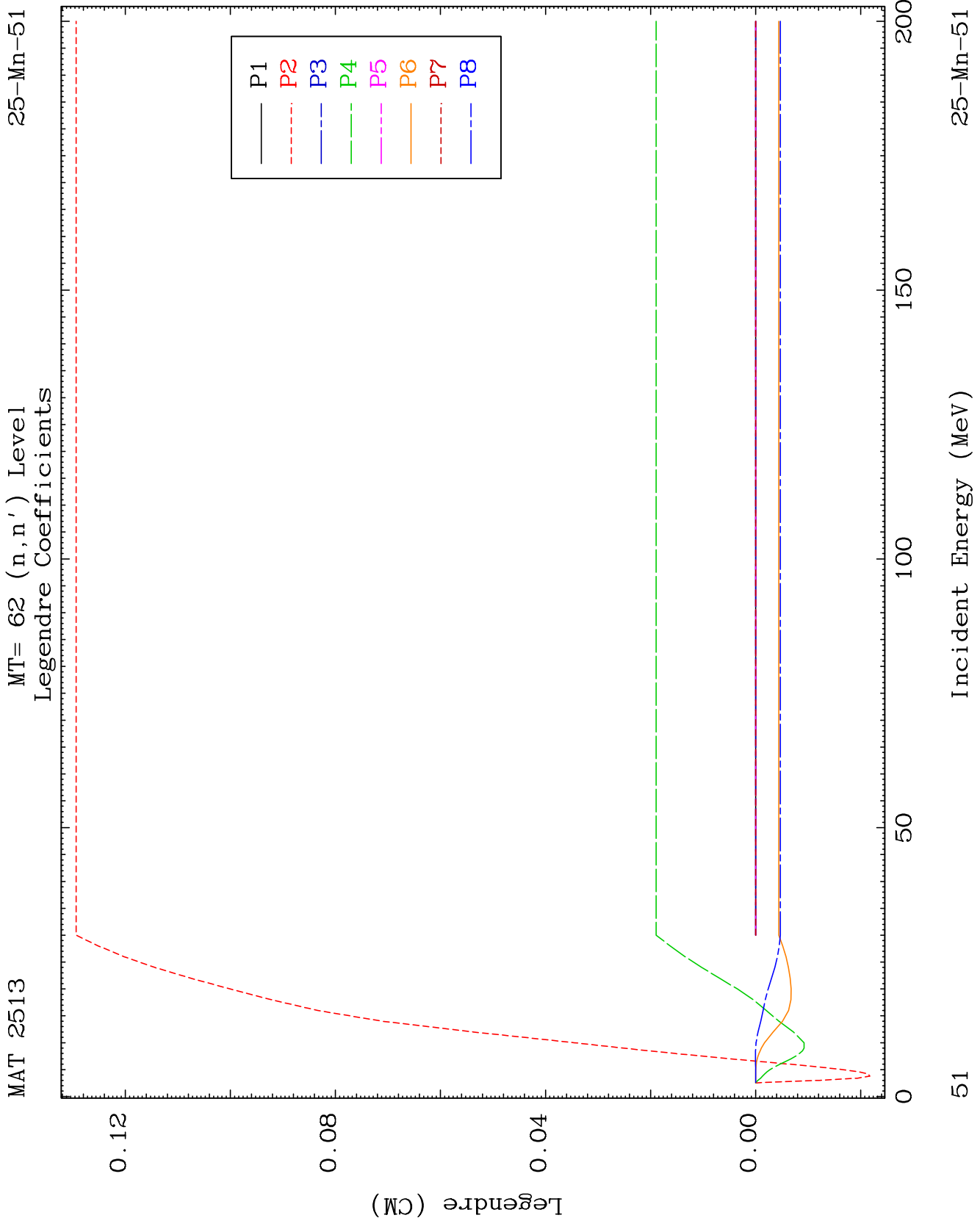
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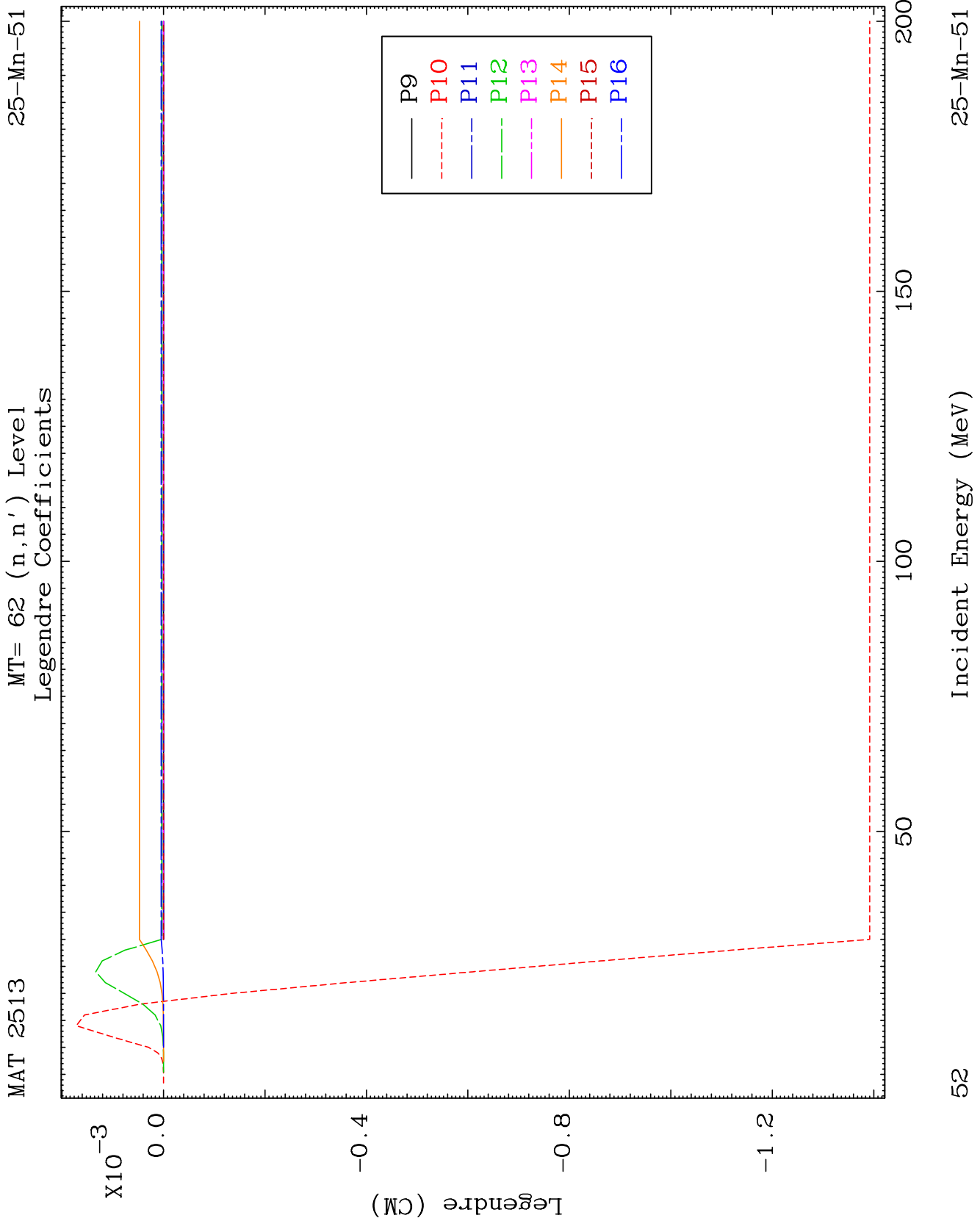
MAT 2513

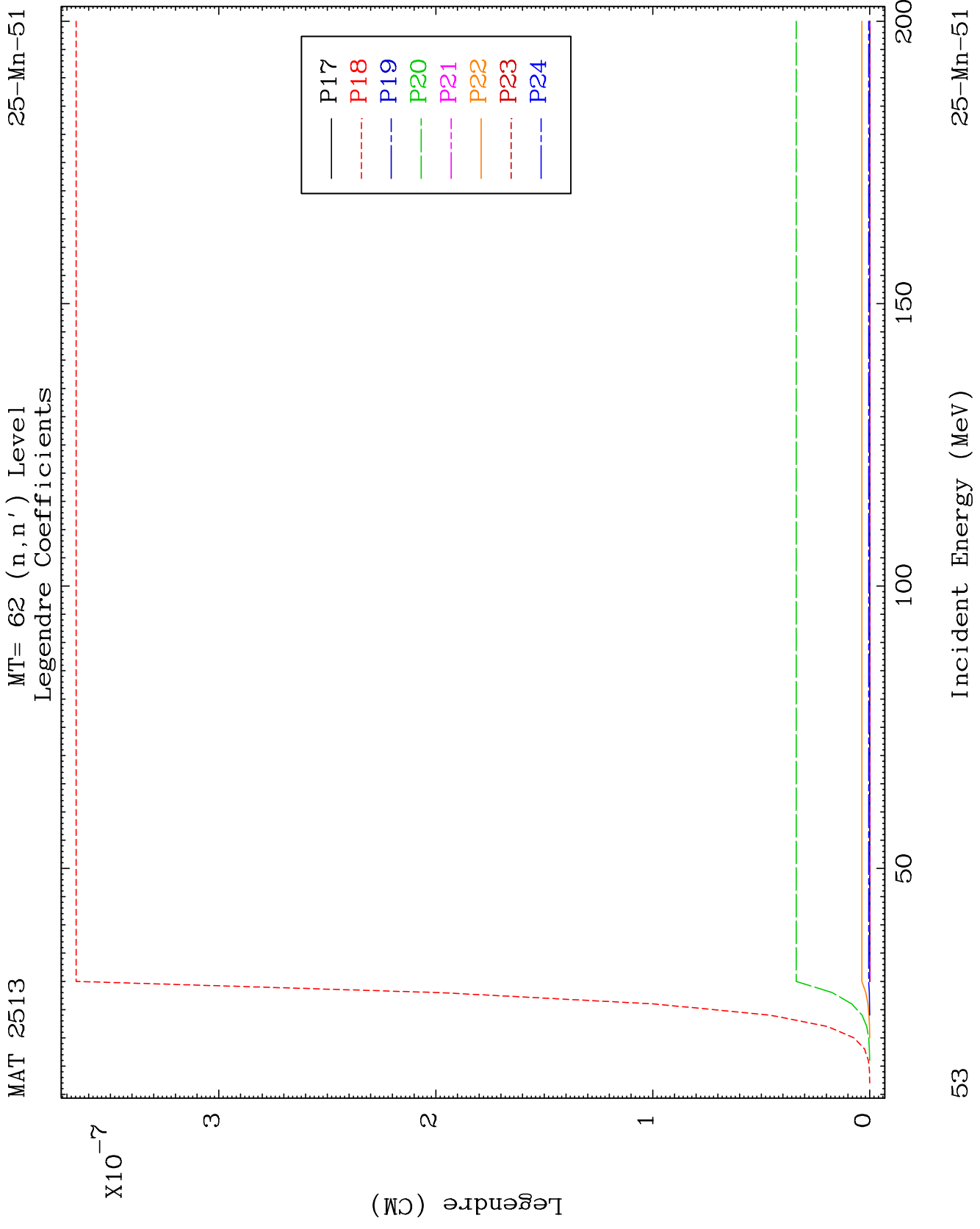
MT= 61 (n,n') Level
Legendre Coefficients

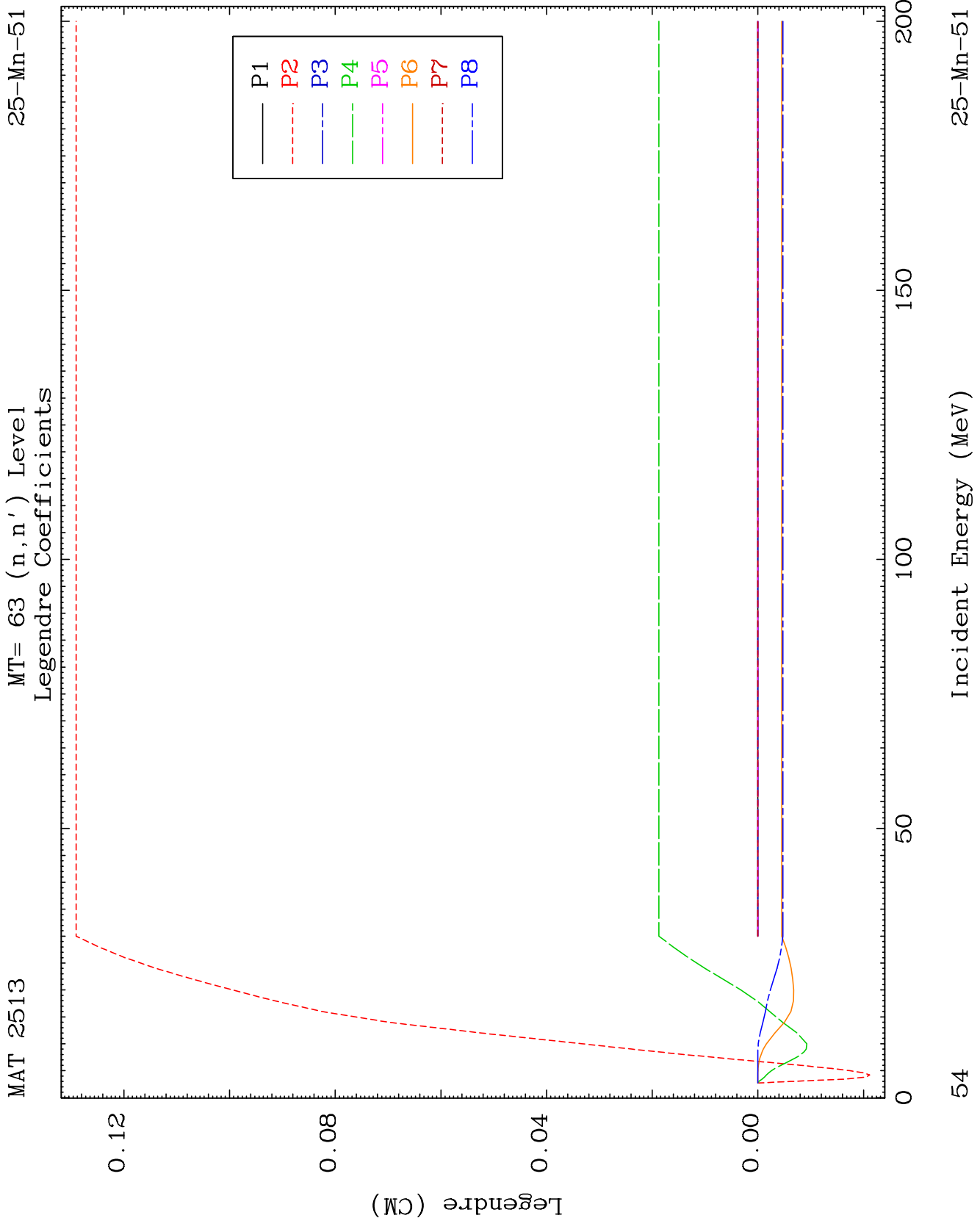
25-Mn-51







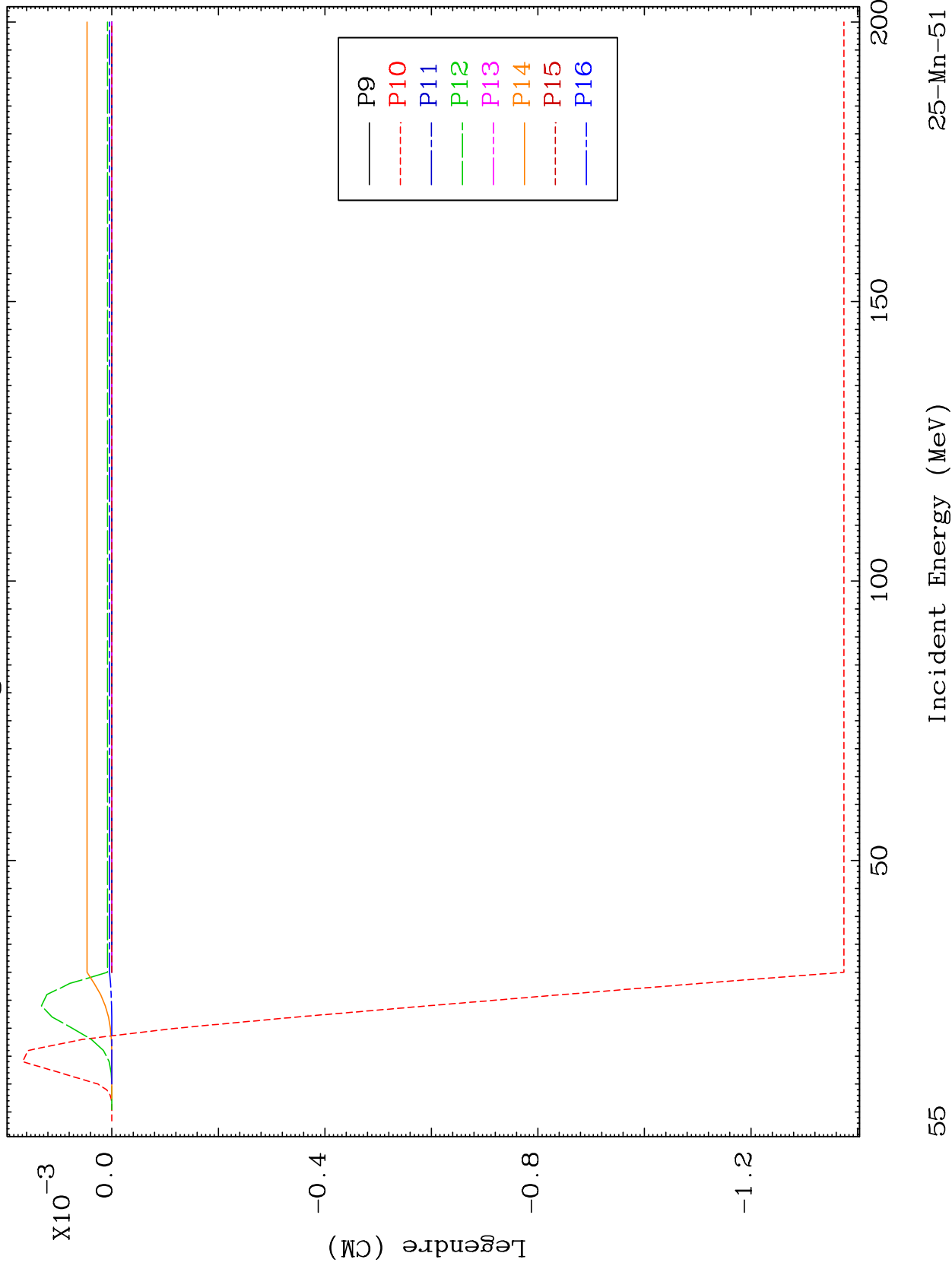




MAT 2513

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

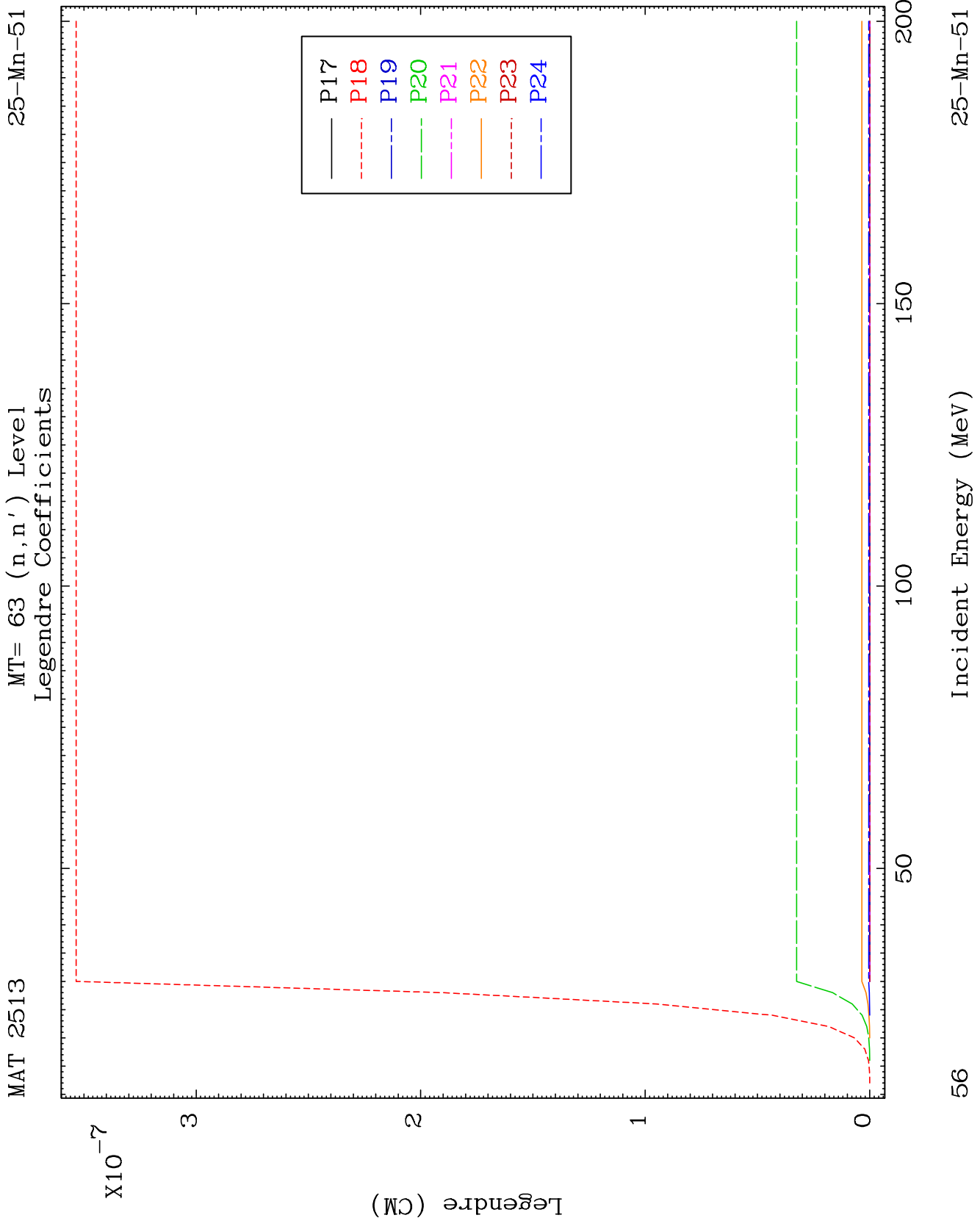
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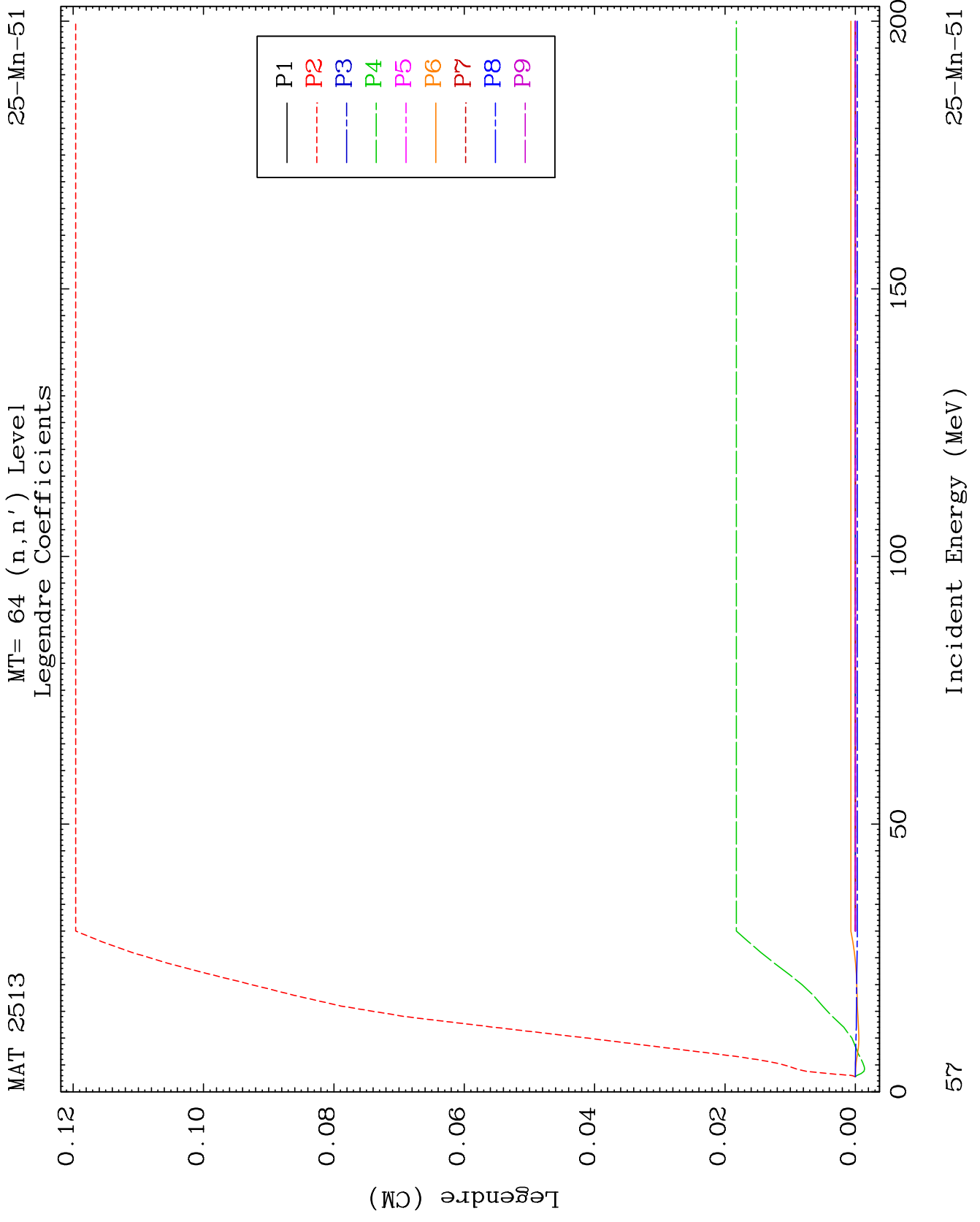


55

Incident Energy (MeV)

25-Mn-51

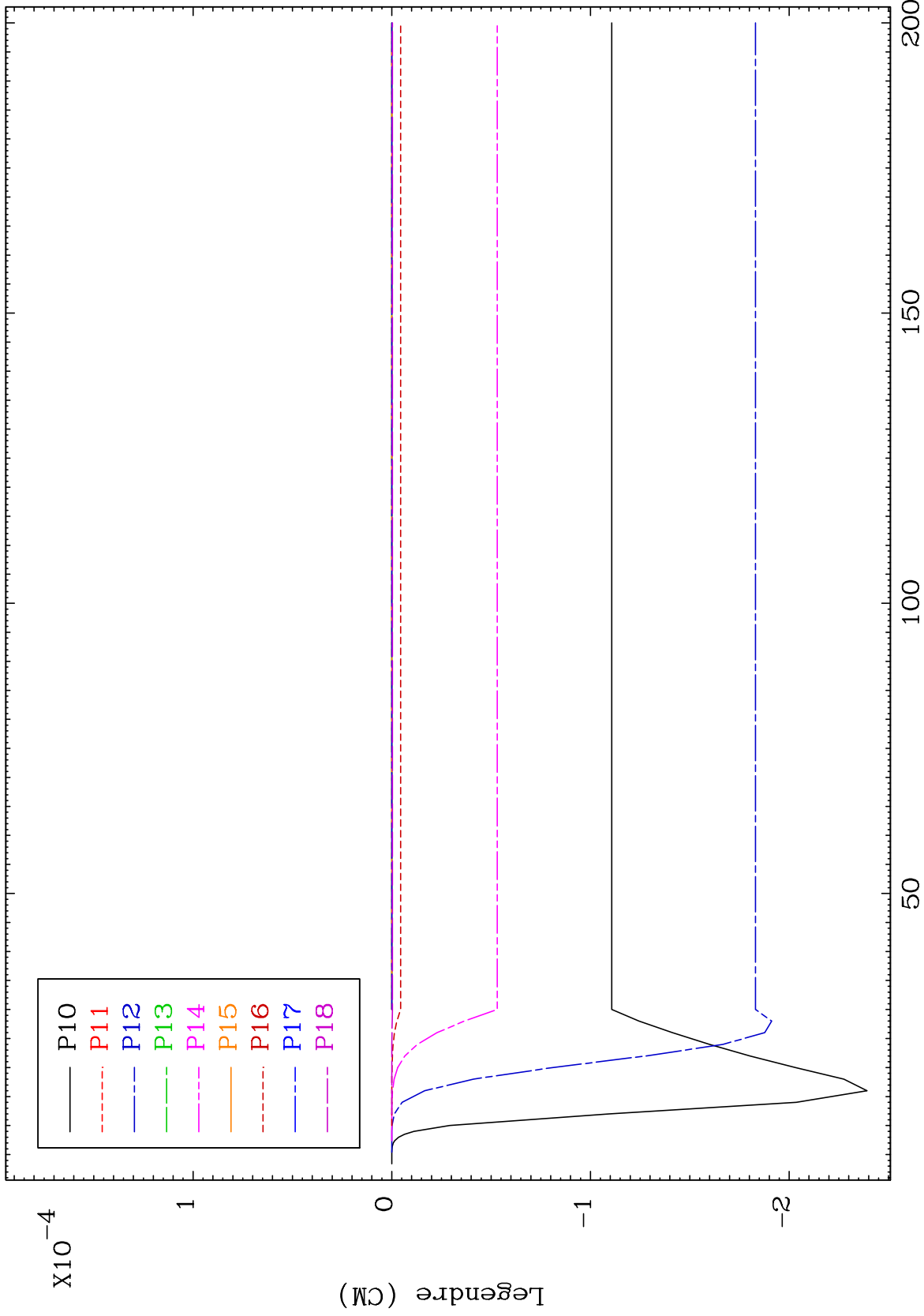




MAT 2513

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

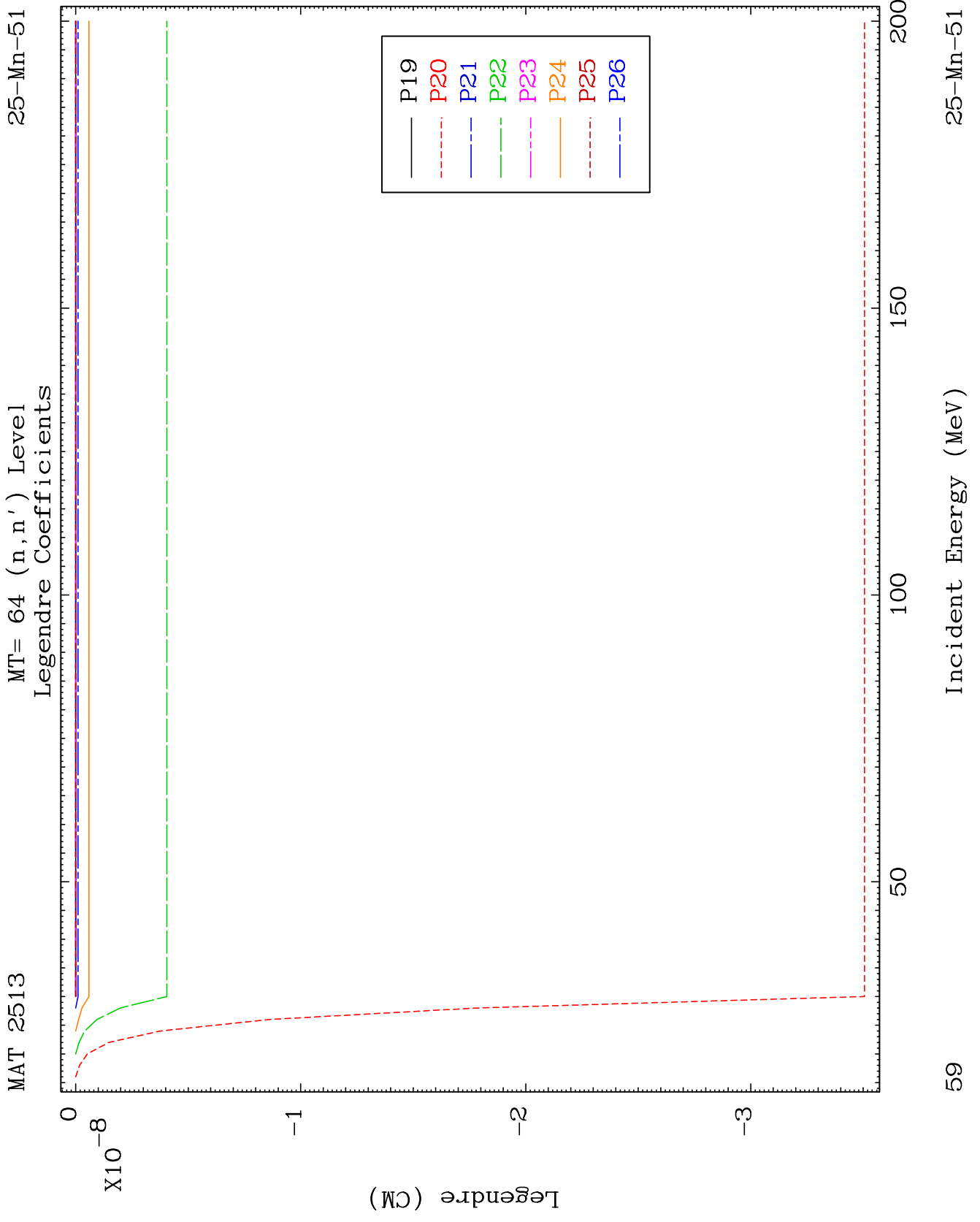
25-Mn-51



58

Incident Energy (MeV)

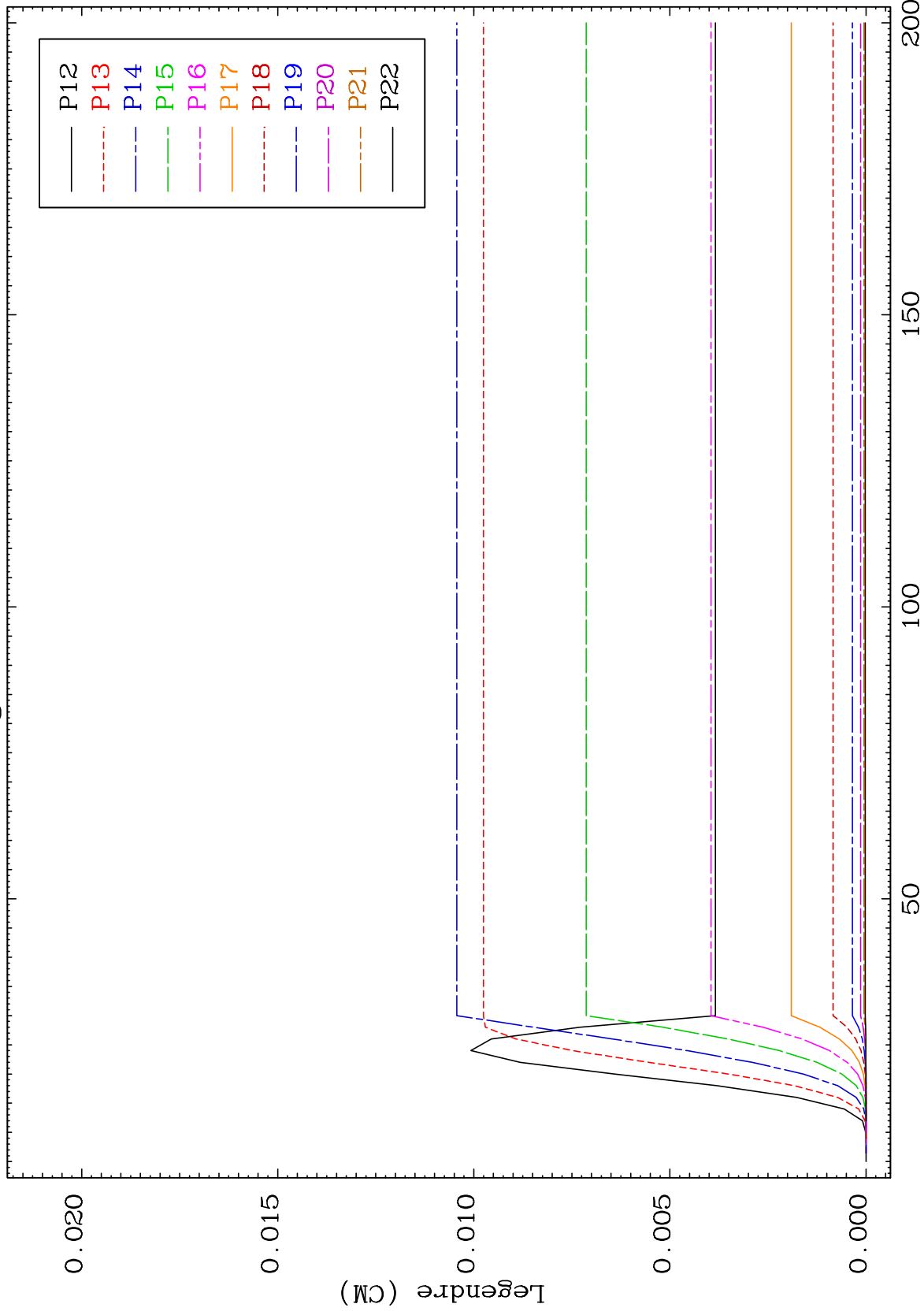
25-Mn-51



MAT 2513

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

25-Mn-51



61

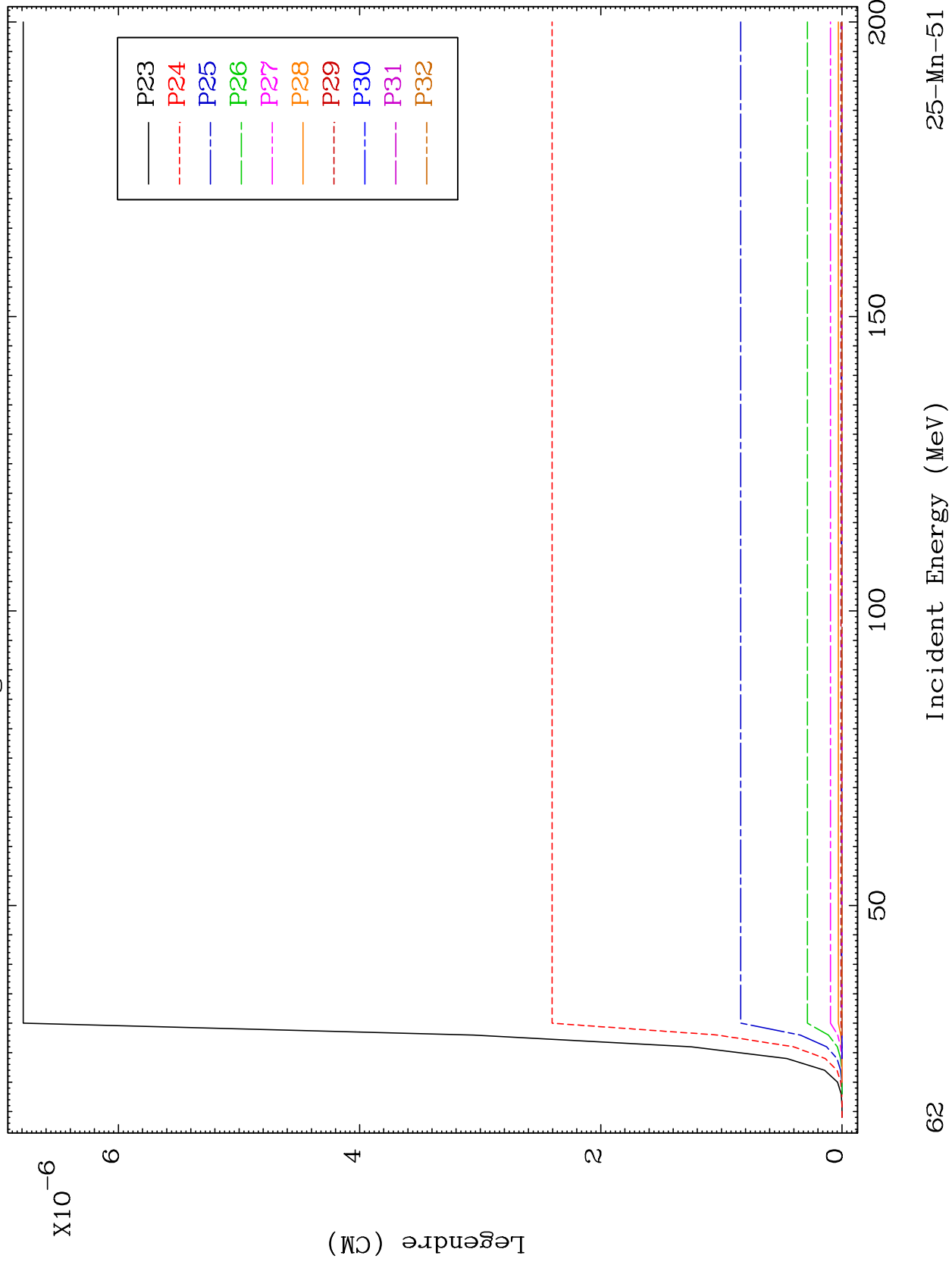
Incident Energy (MeV)

25-Mn-51

MAT 2513

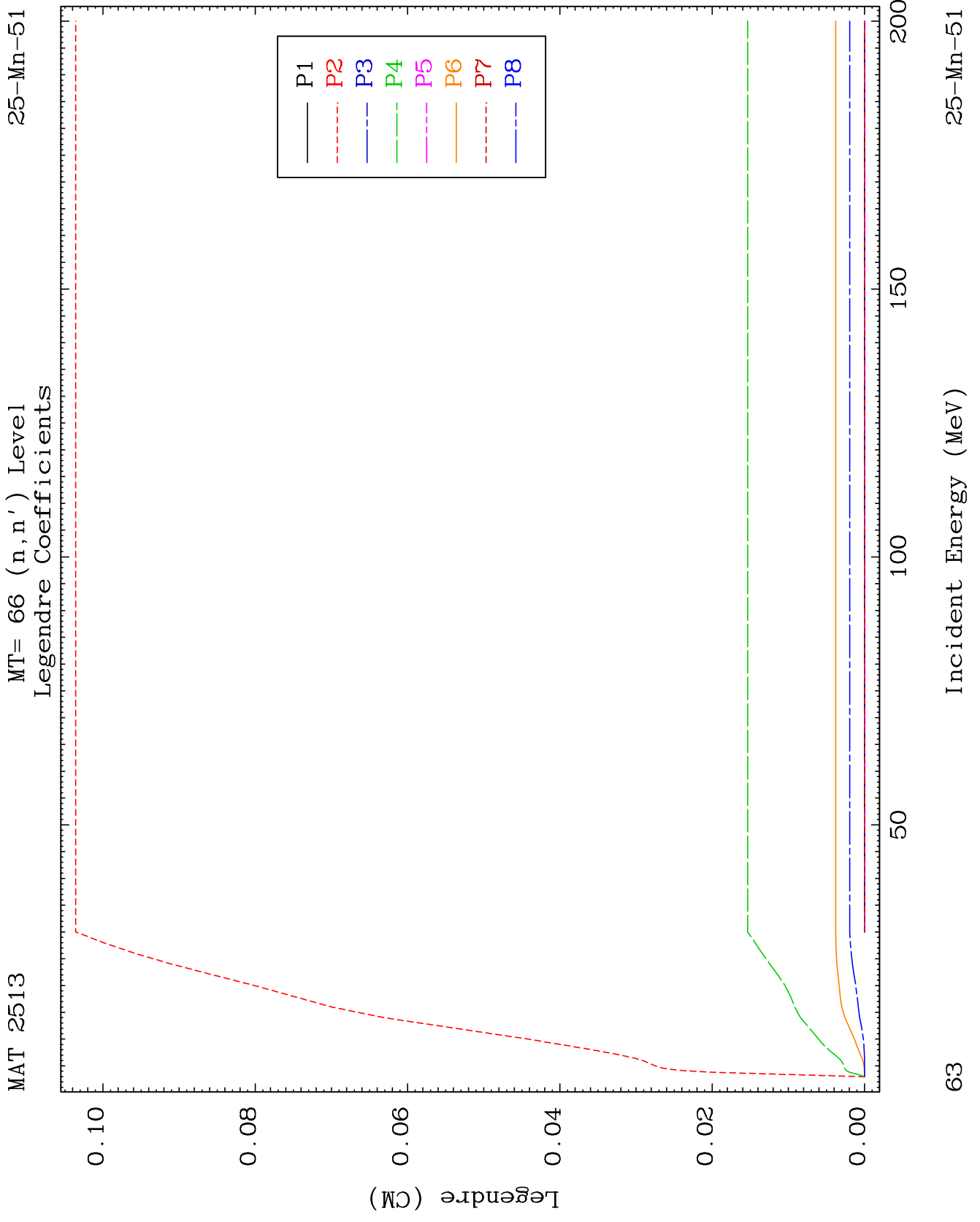
MT= 65 (n,n') Level
Legendre Coefficients

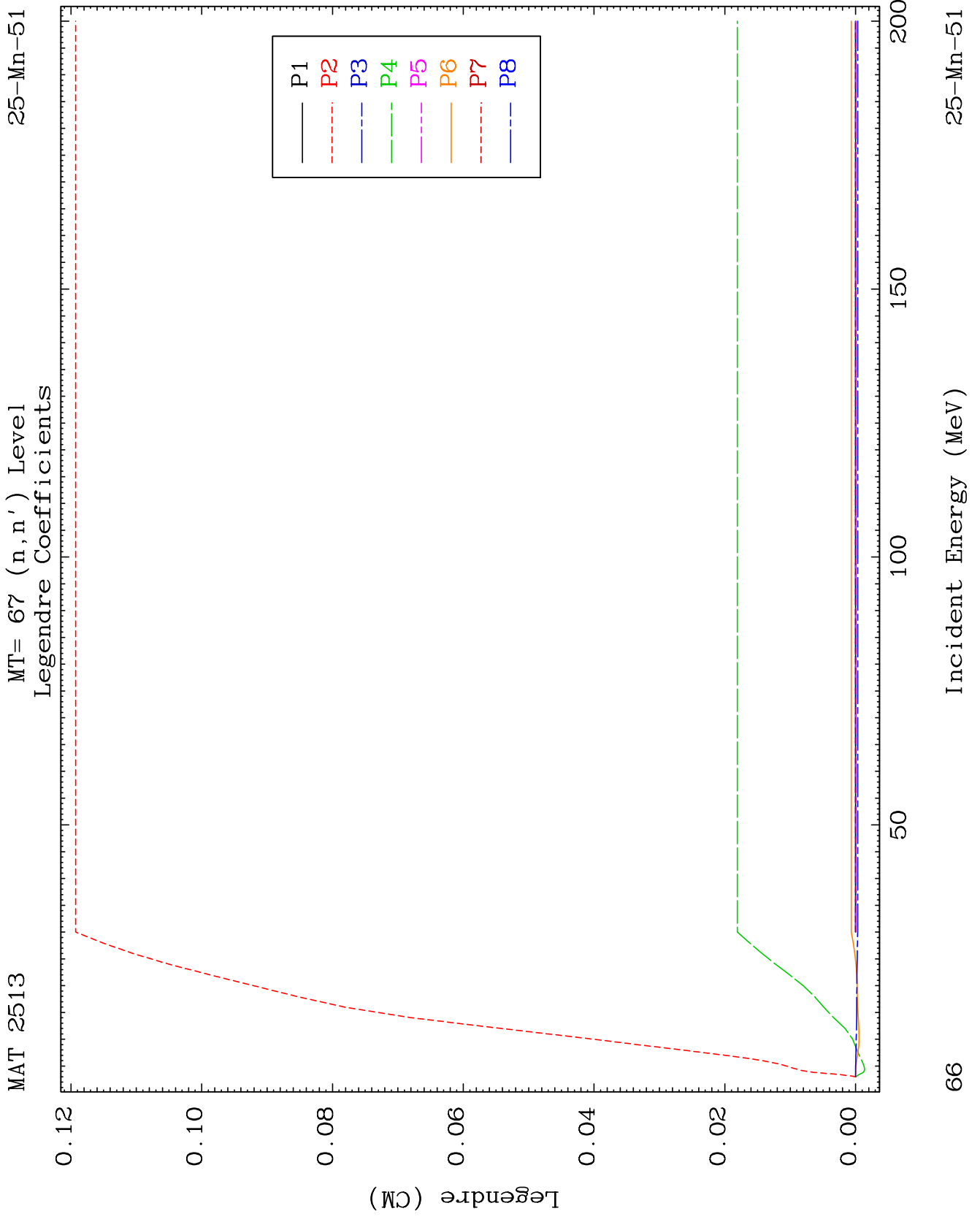
25-Mn-51



62

25-Mn-51

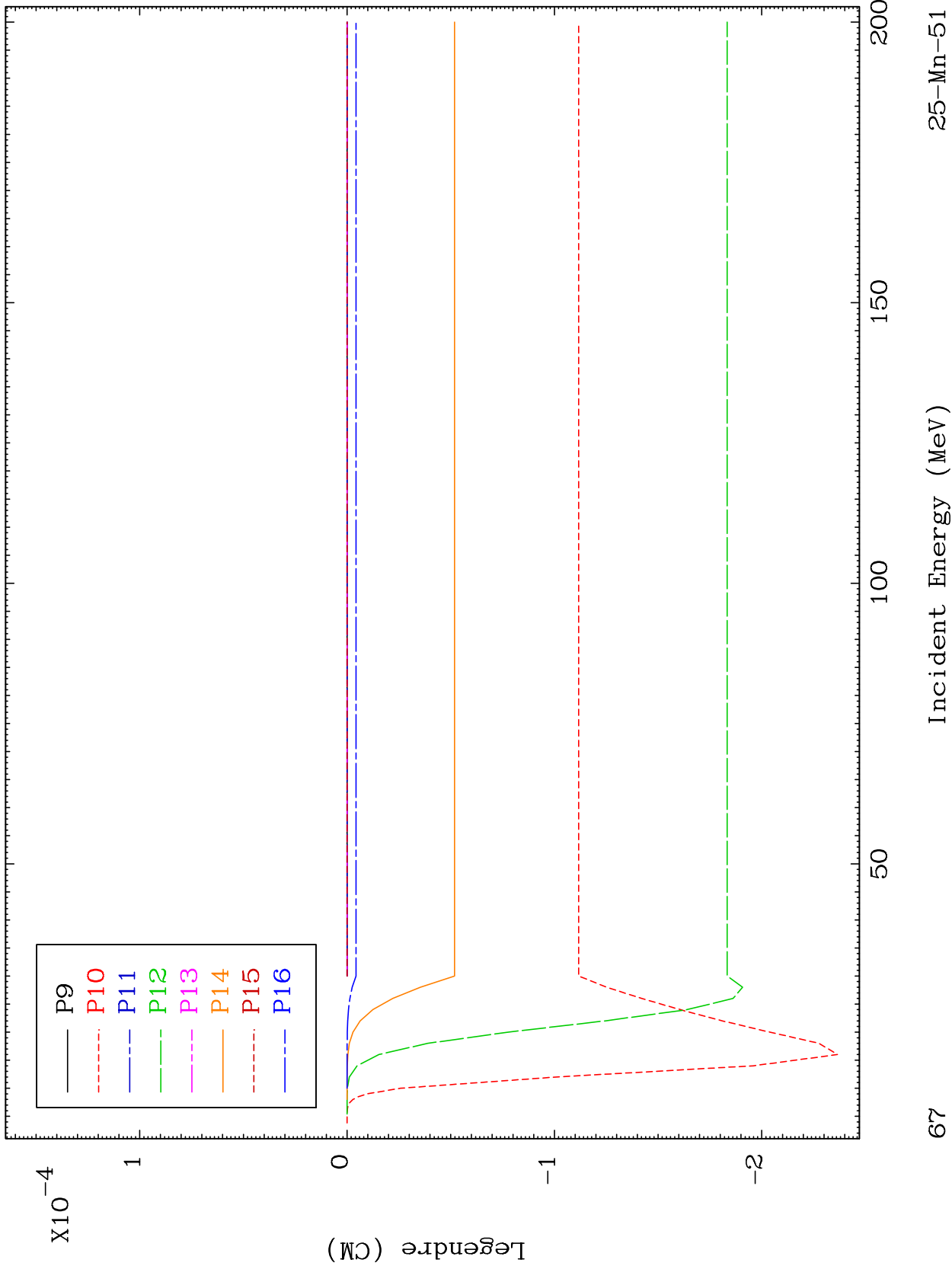


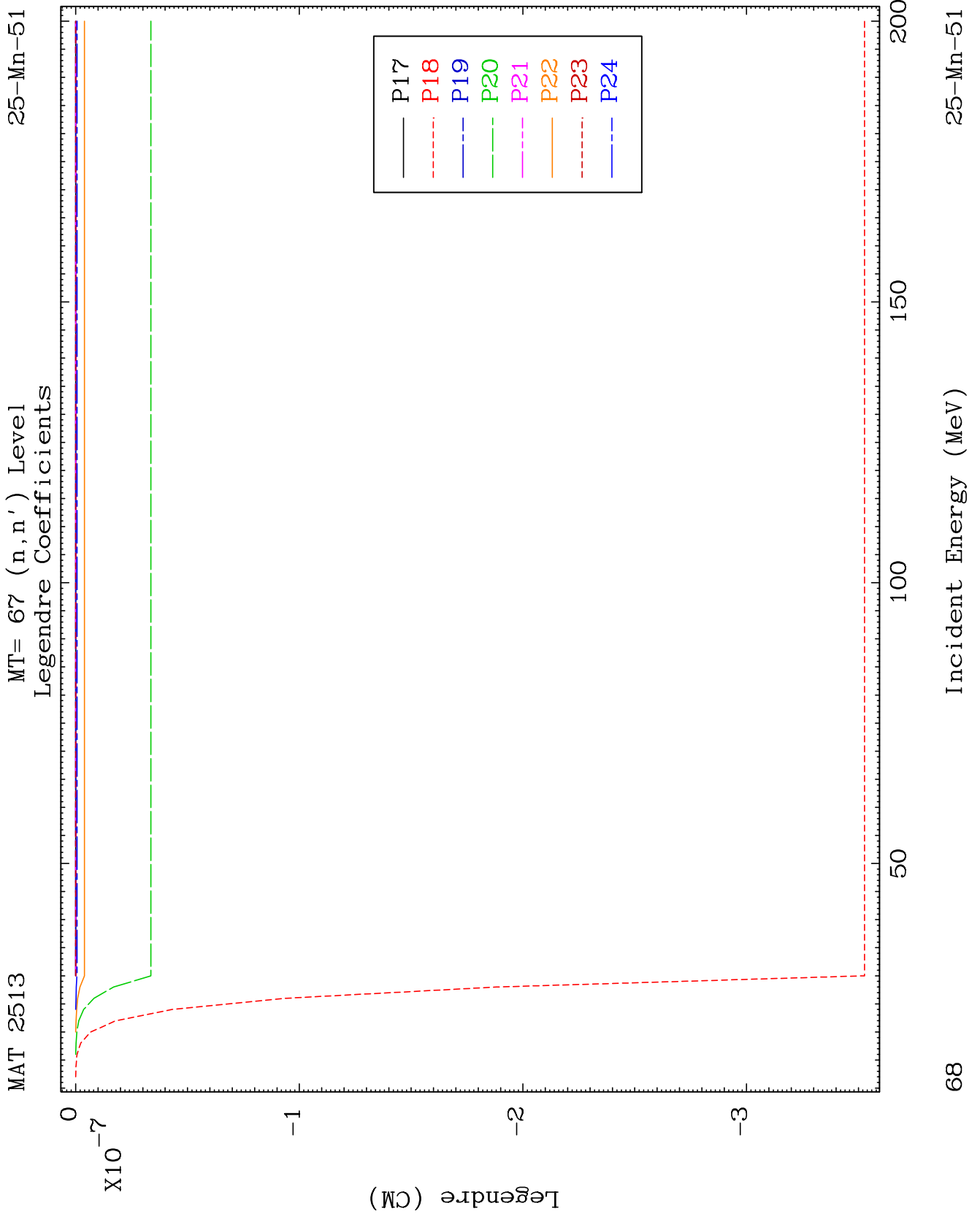


MAT 2513

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

25-Mn-51

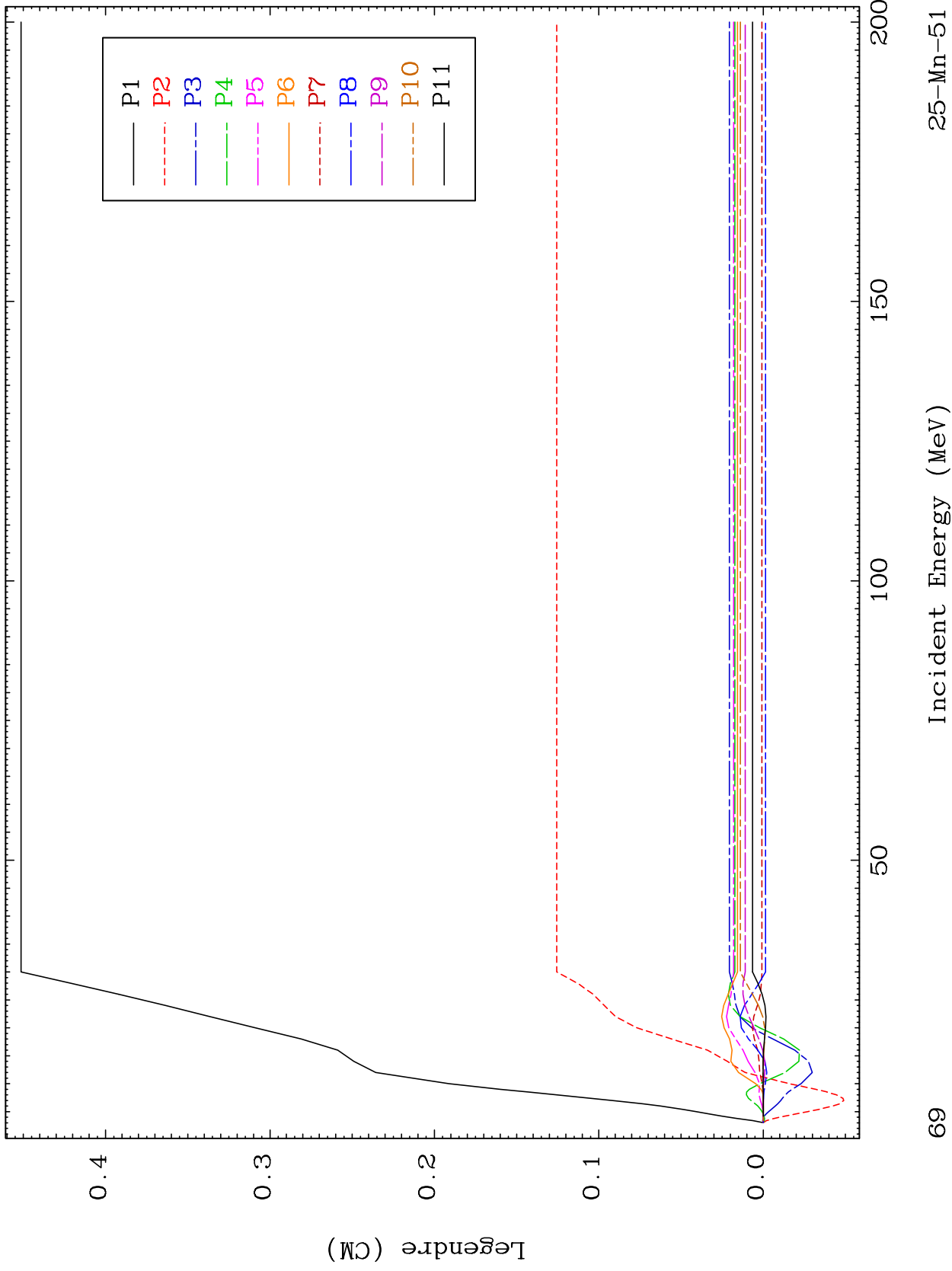




MAT 2513

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

25-Mn-51



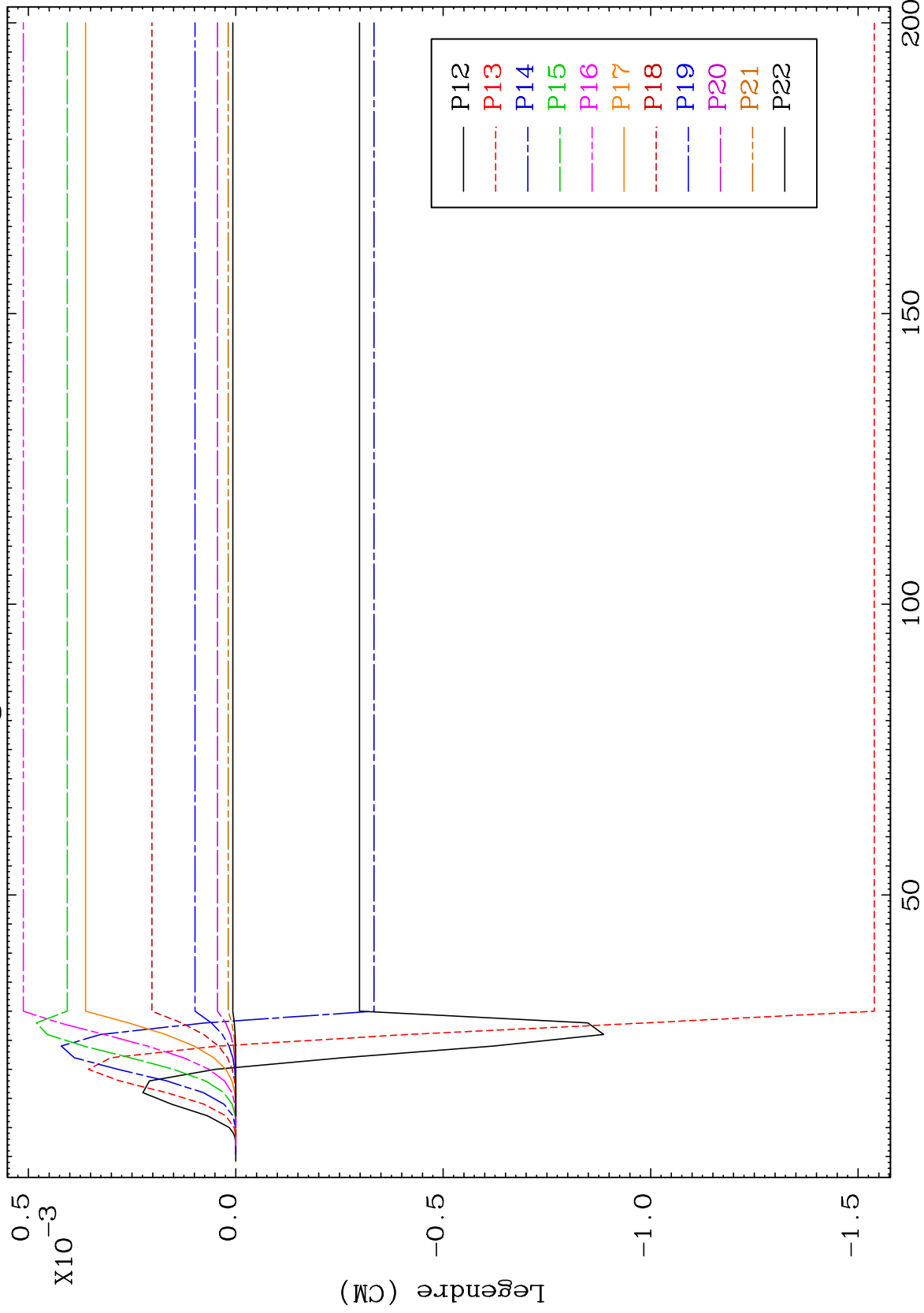
69

25-Mn-51

MAT 2513

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

25-Mn-51



70

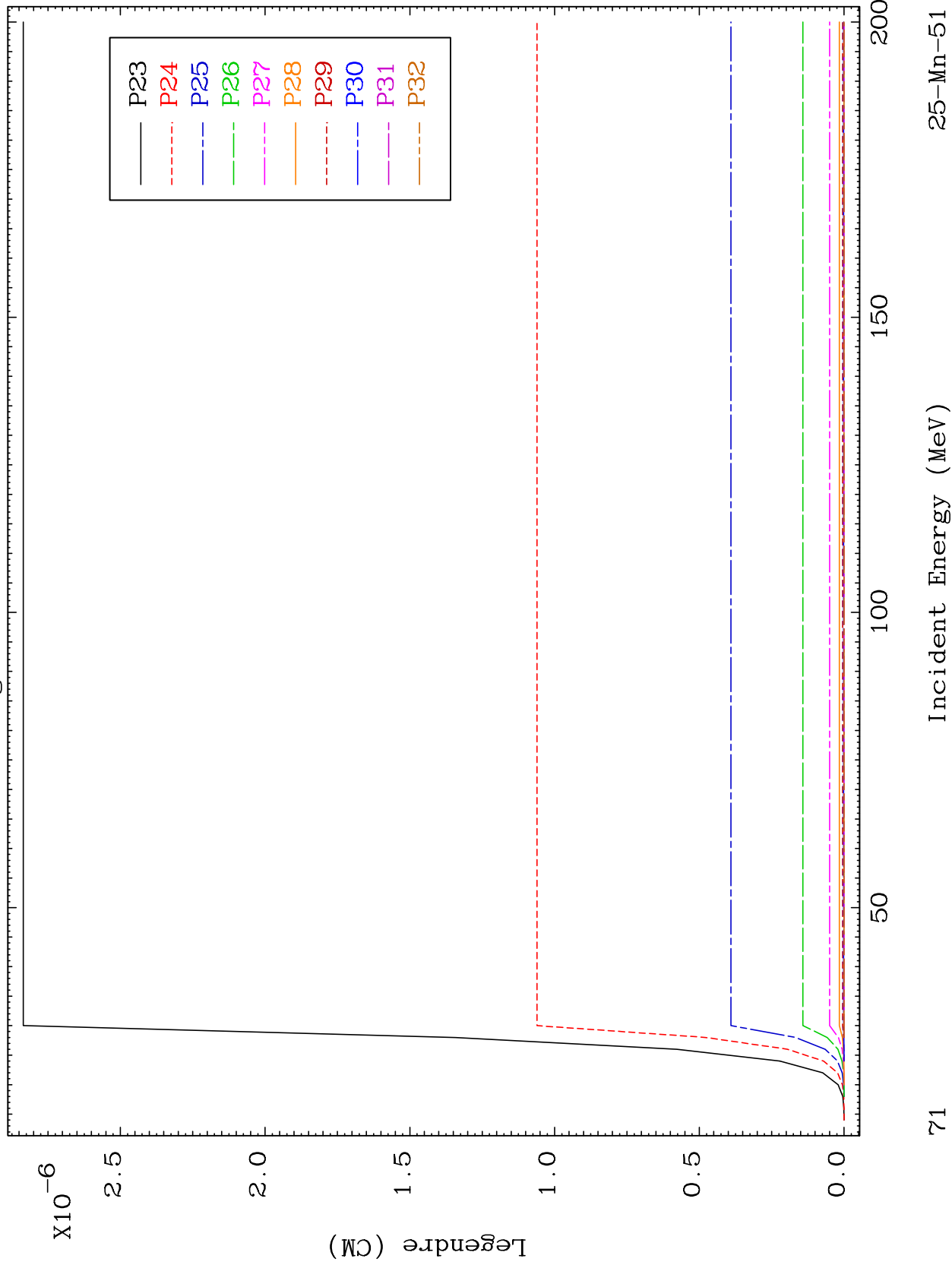
Incident Energy (MeV)

25-Mn-51

MAT 2513

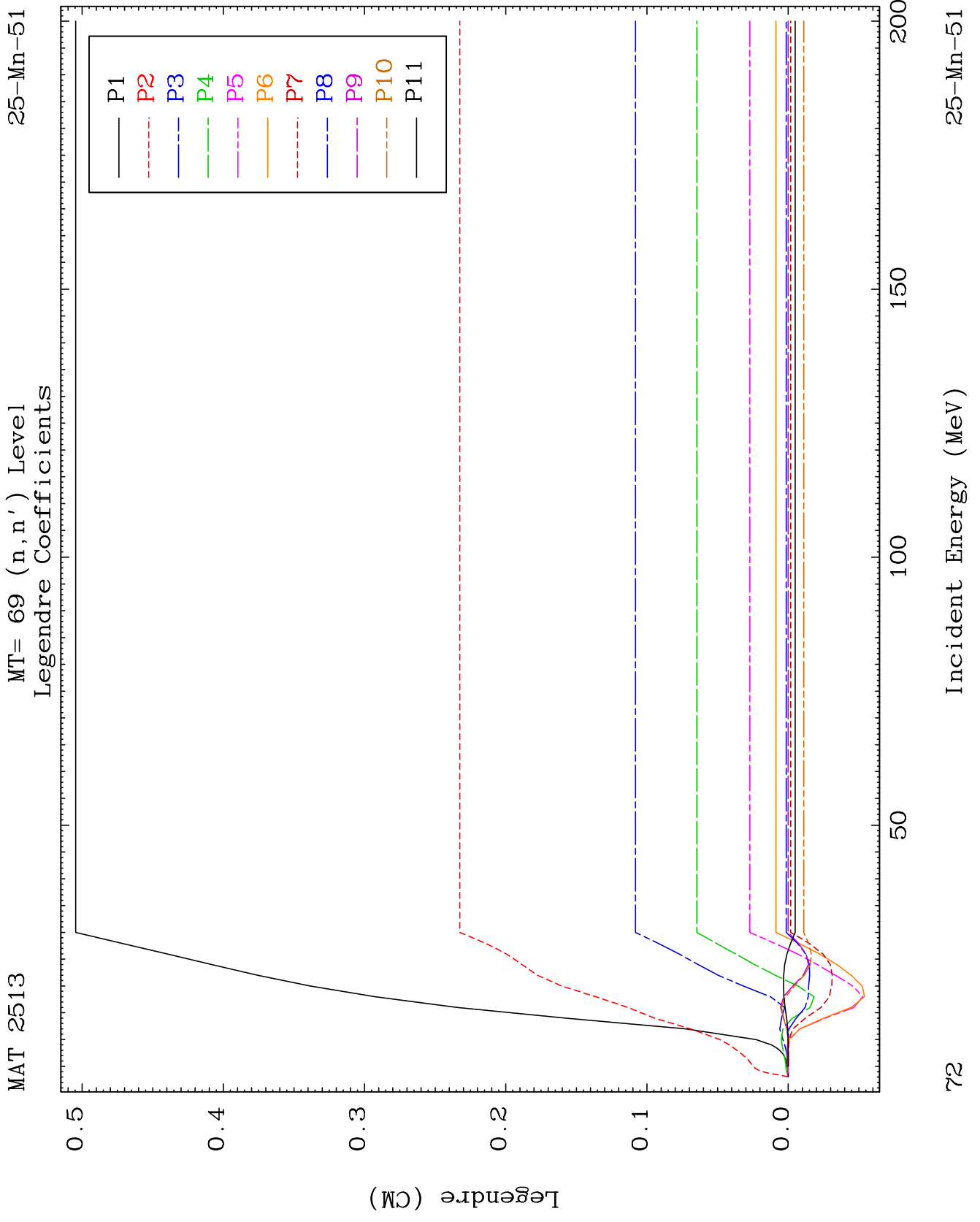
MT= 68 (n,n') Level
Legendre Coefficients

25-Mn-51



71

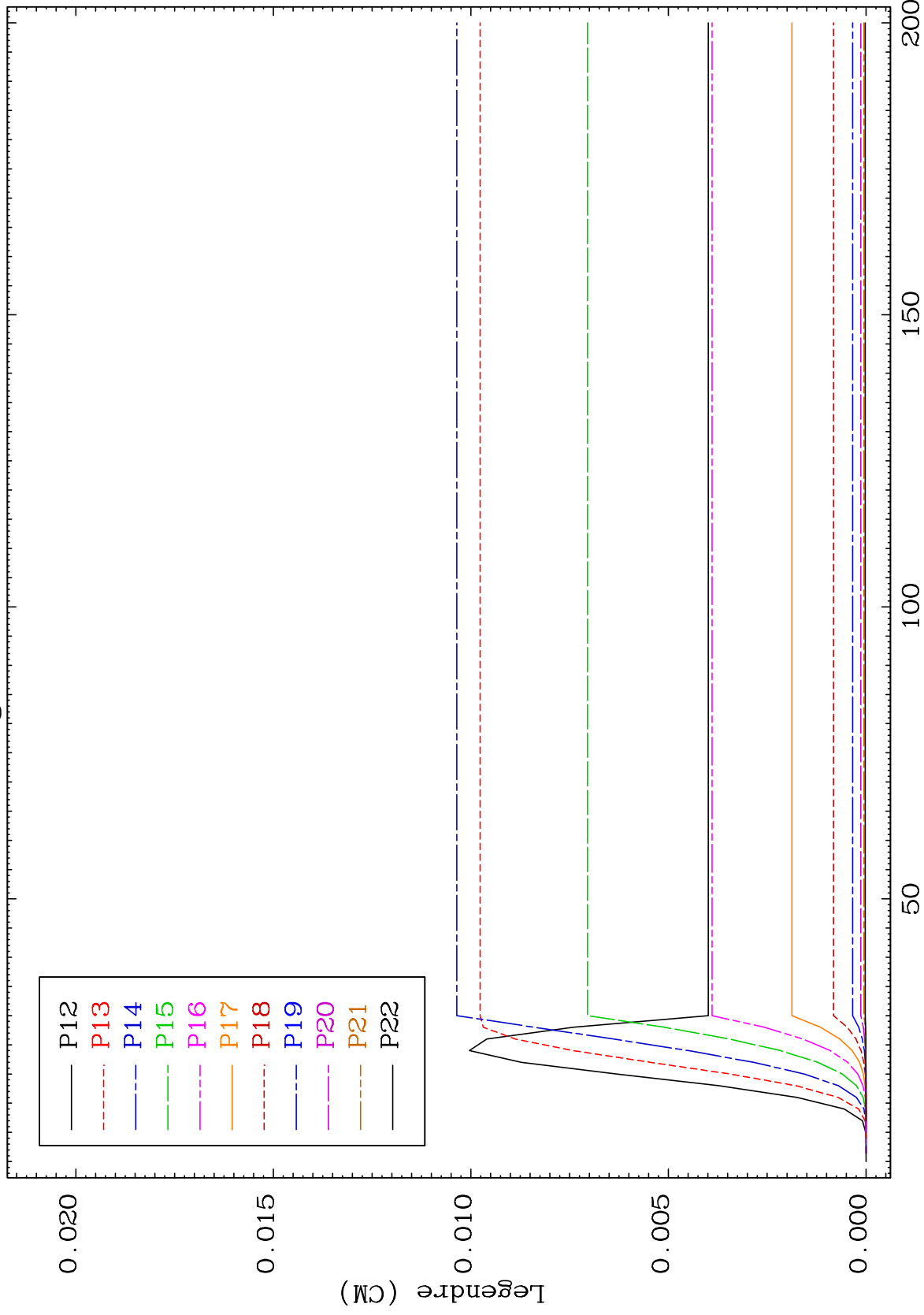
25-Mn-51



MAT 2513

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

25-Mn-51



73

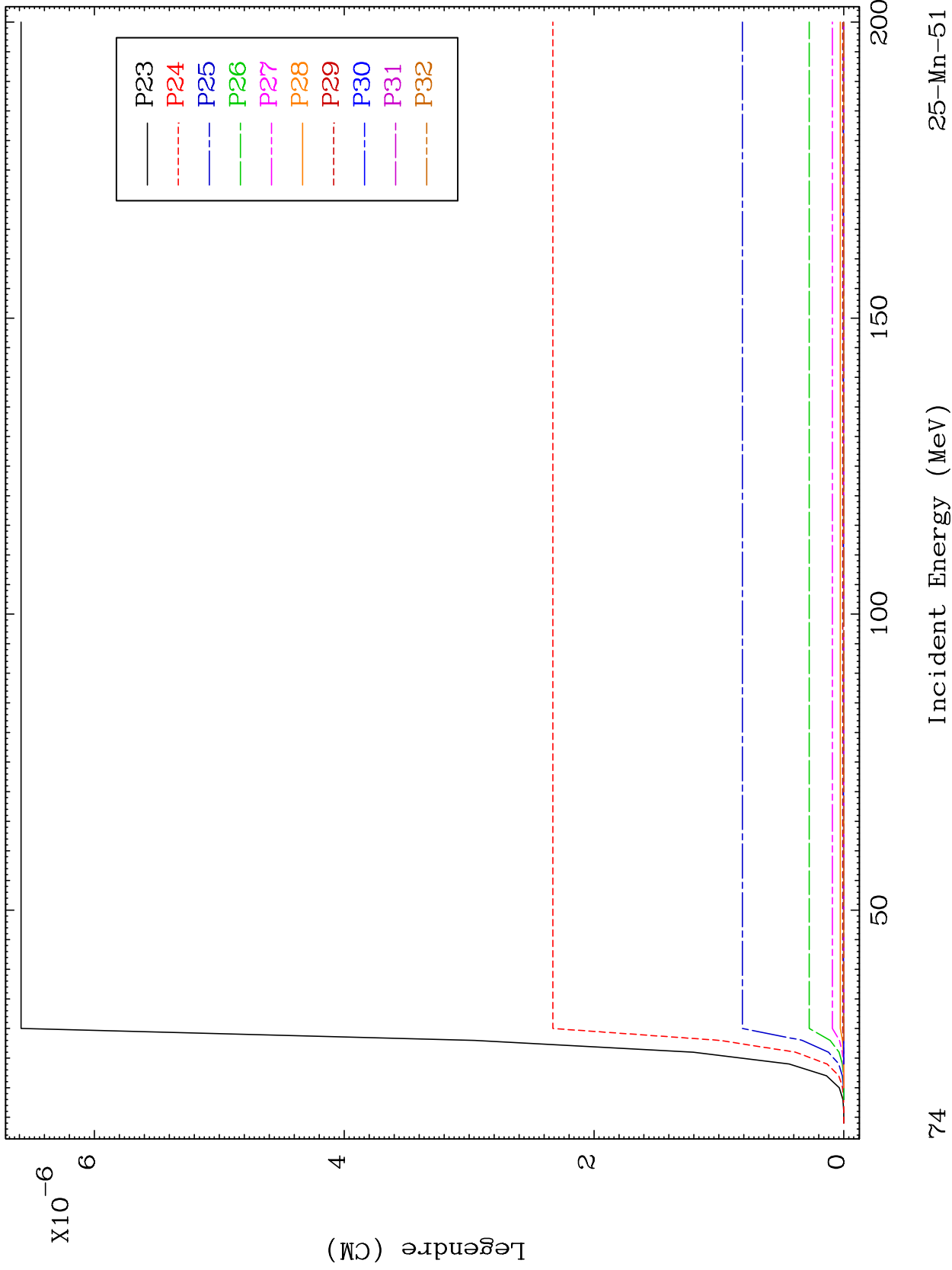
Incident Energy (MeV)

25-Mn-51

MAT 2513

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

25-Mn-51



74

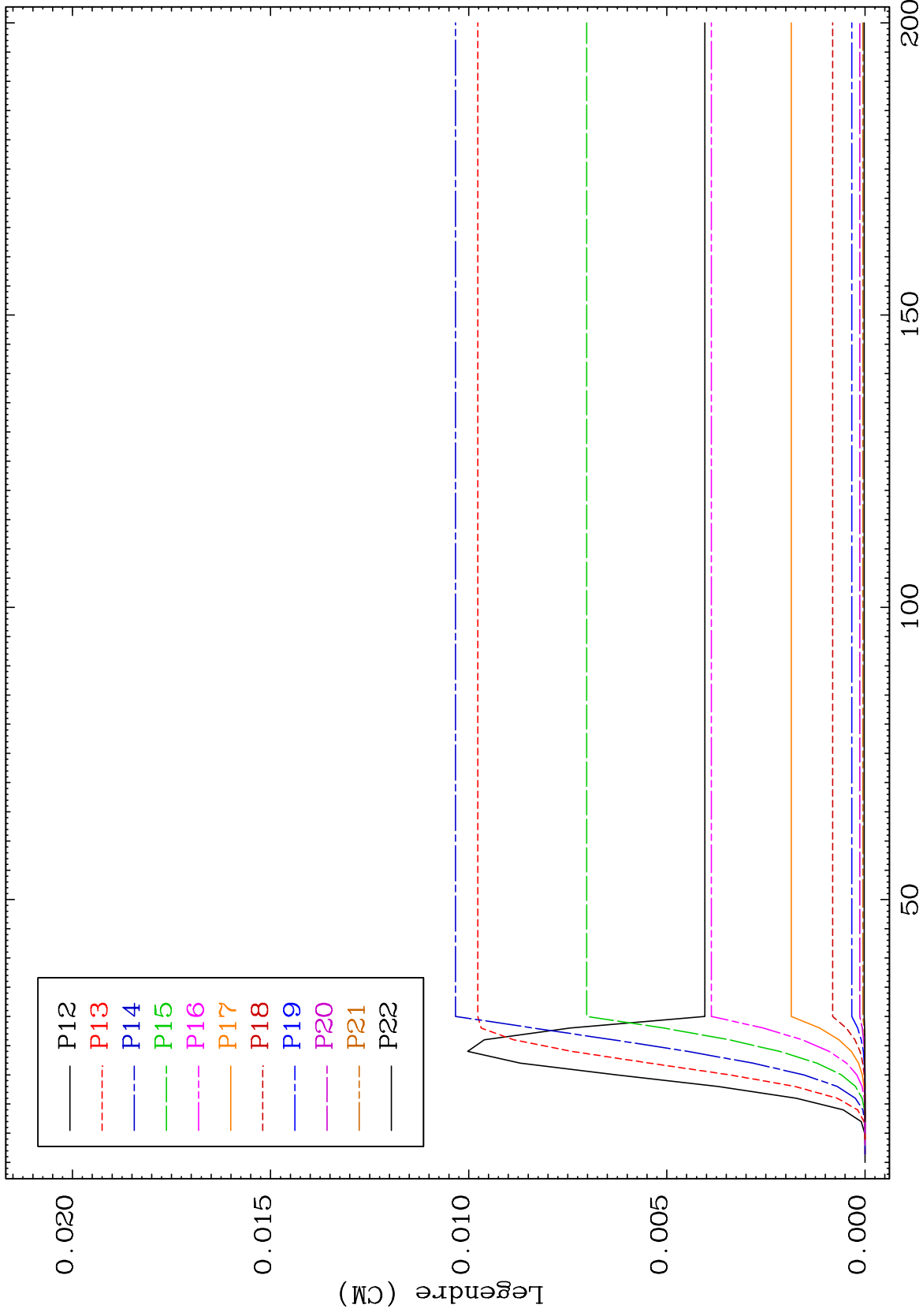
Incident Energy (MeV)

25-Mn-51

MAT 2513

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

25-Mn-51



76

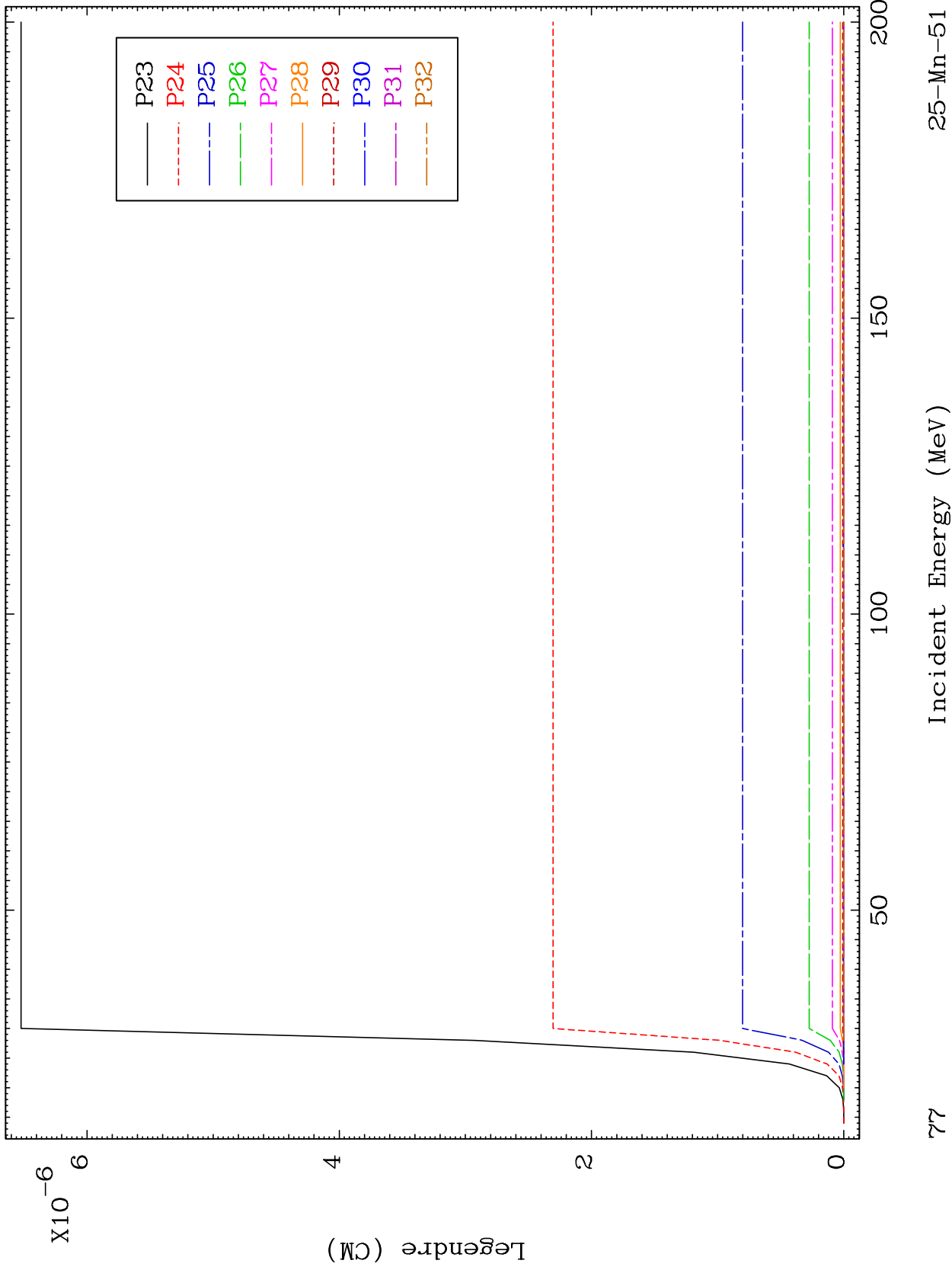
Incident Energy (MeV)

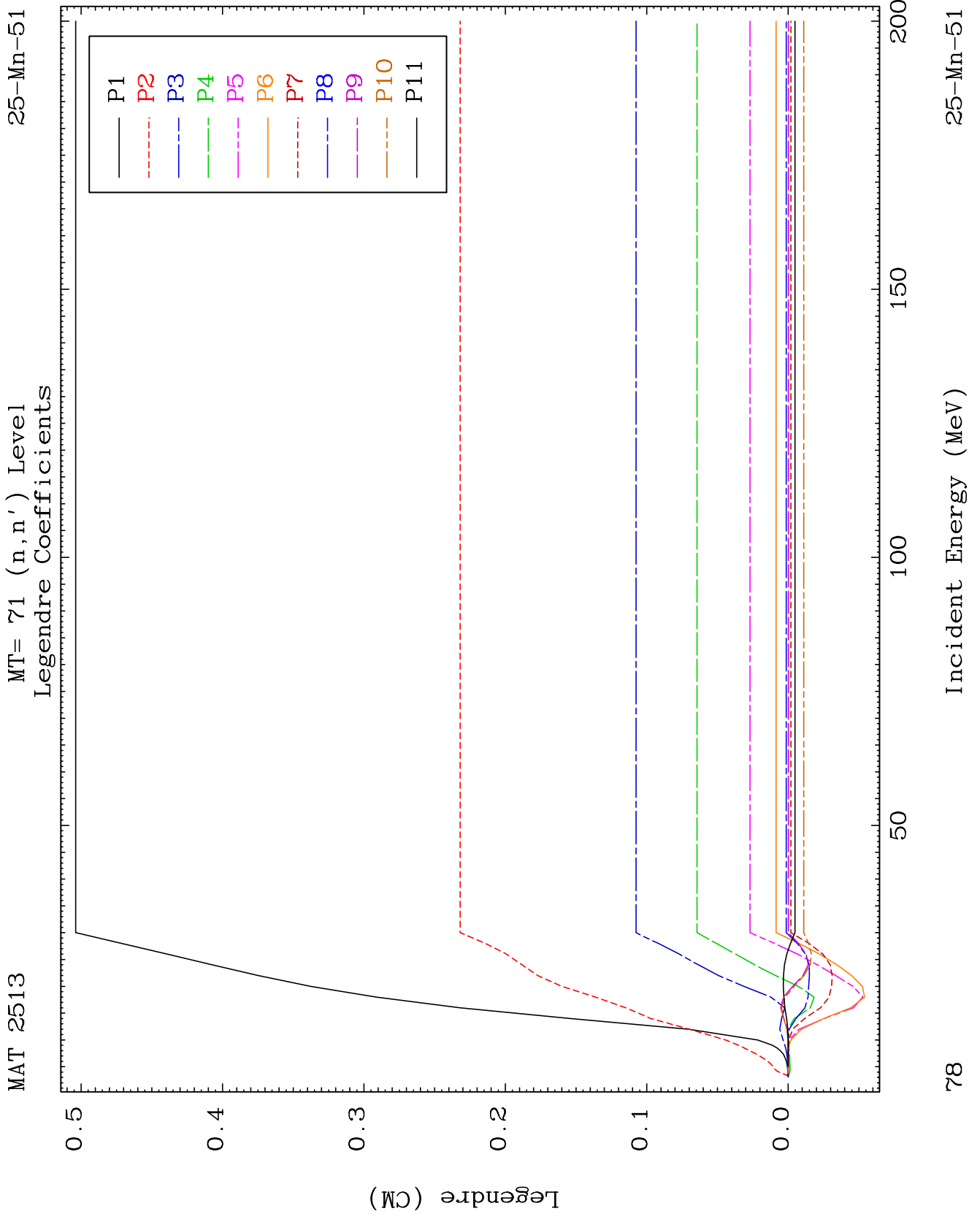
25-Mn-51

MAT 2513

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

25-Mn-51

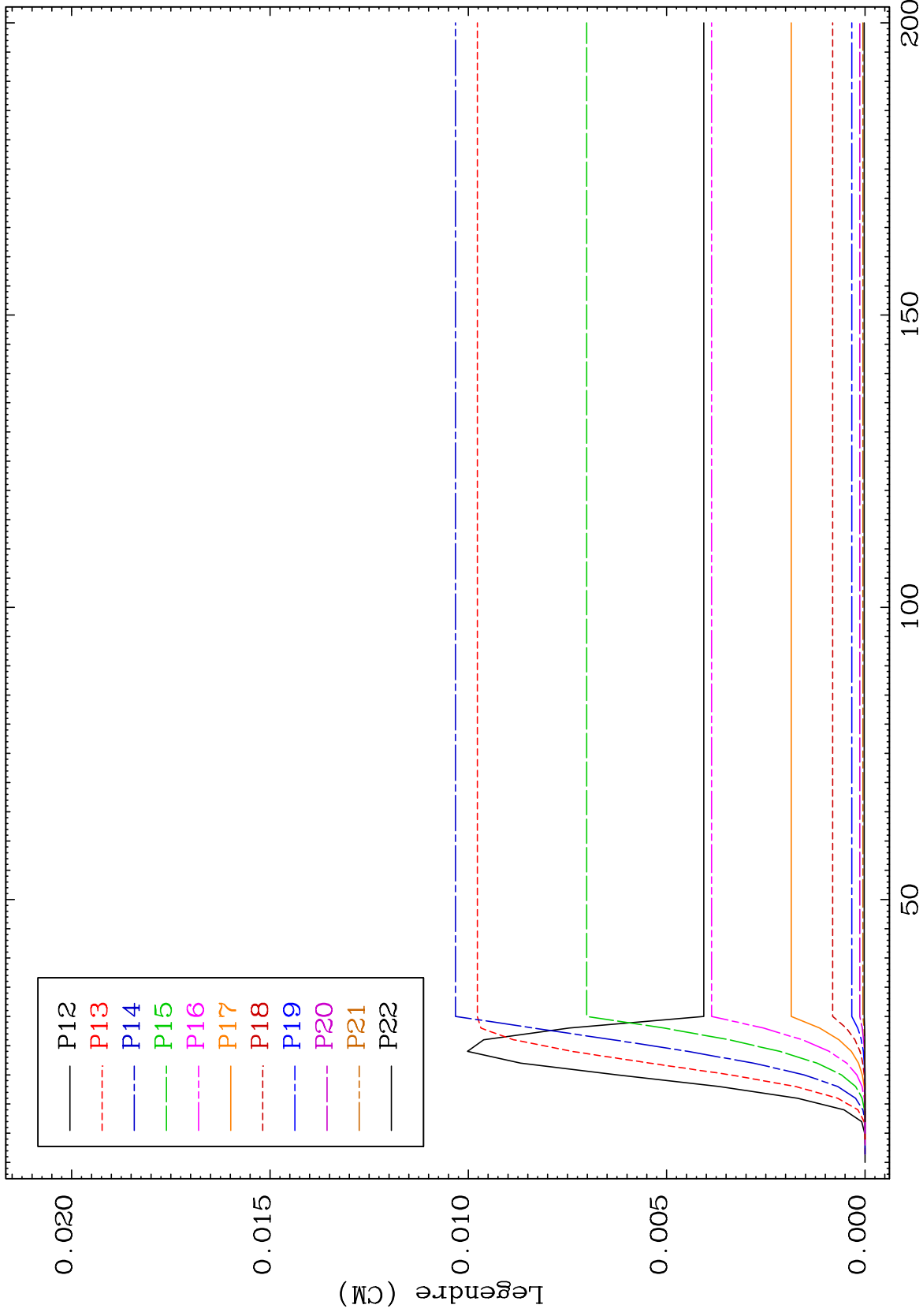




MAT 2513

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

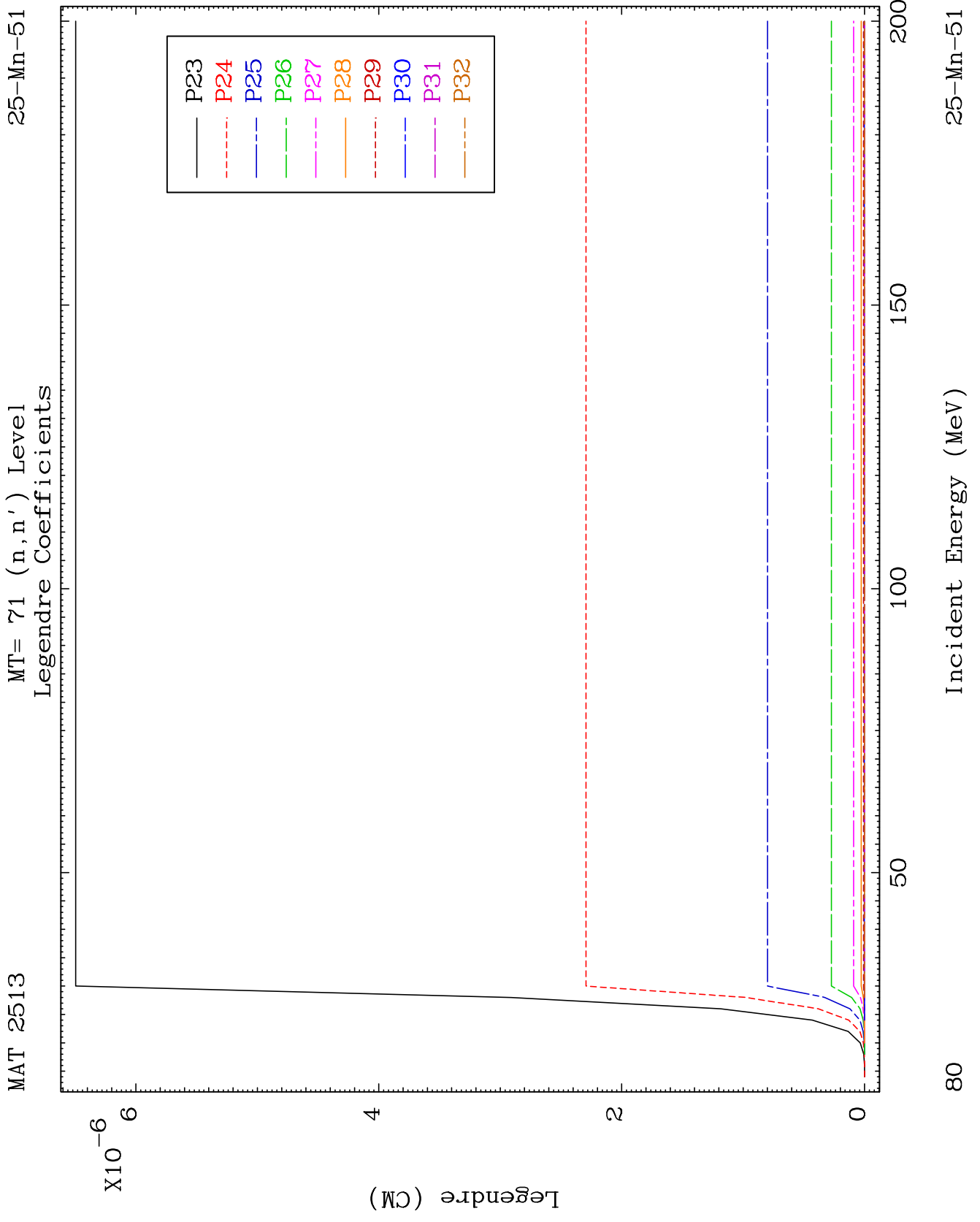
25-Mn-51



79

Incident Energy (MeV)

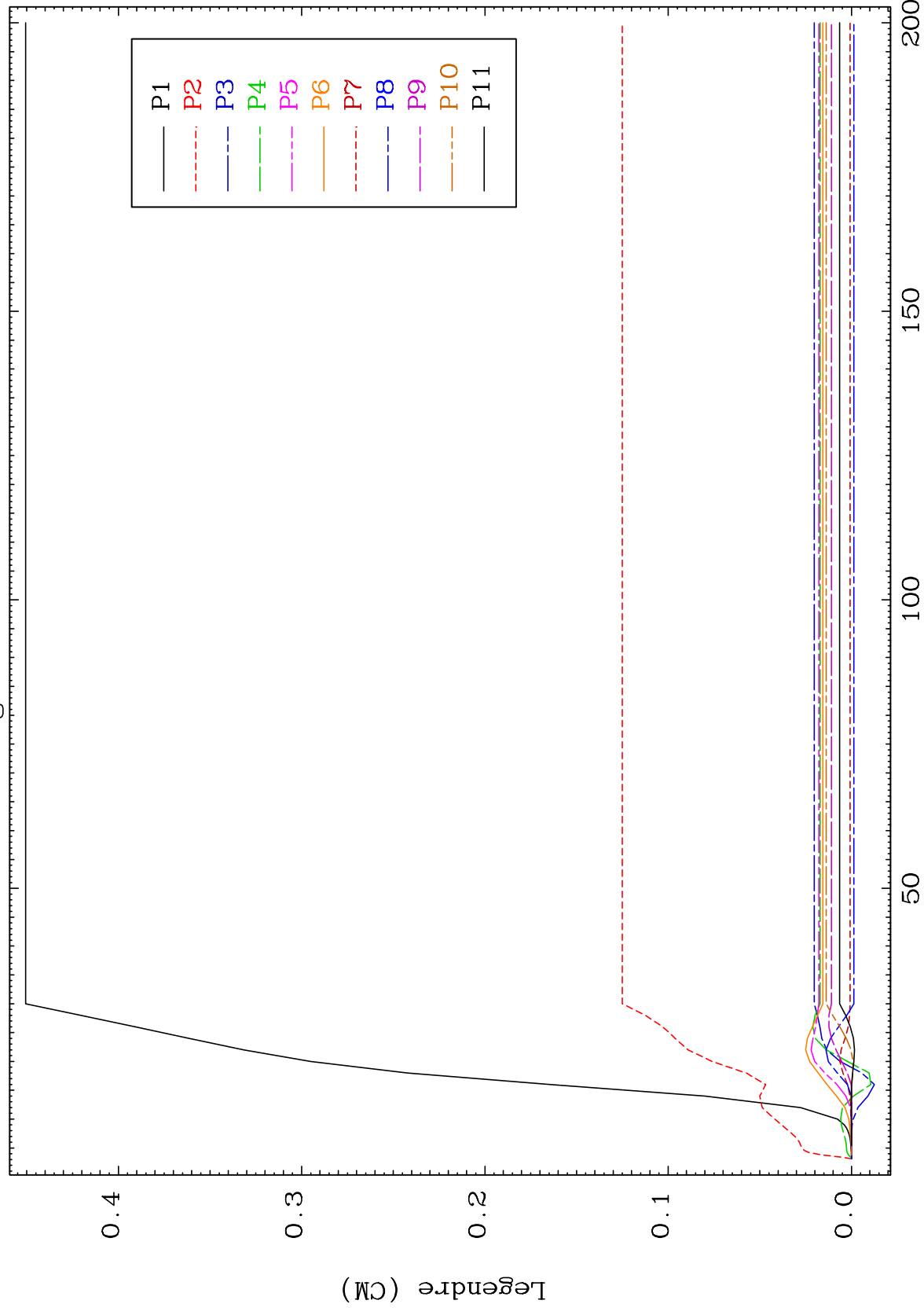
25-Mn-51



MAT 2513

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

25-Mn-51



81

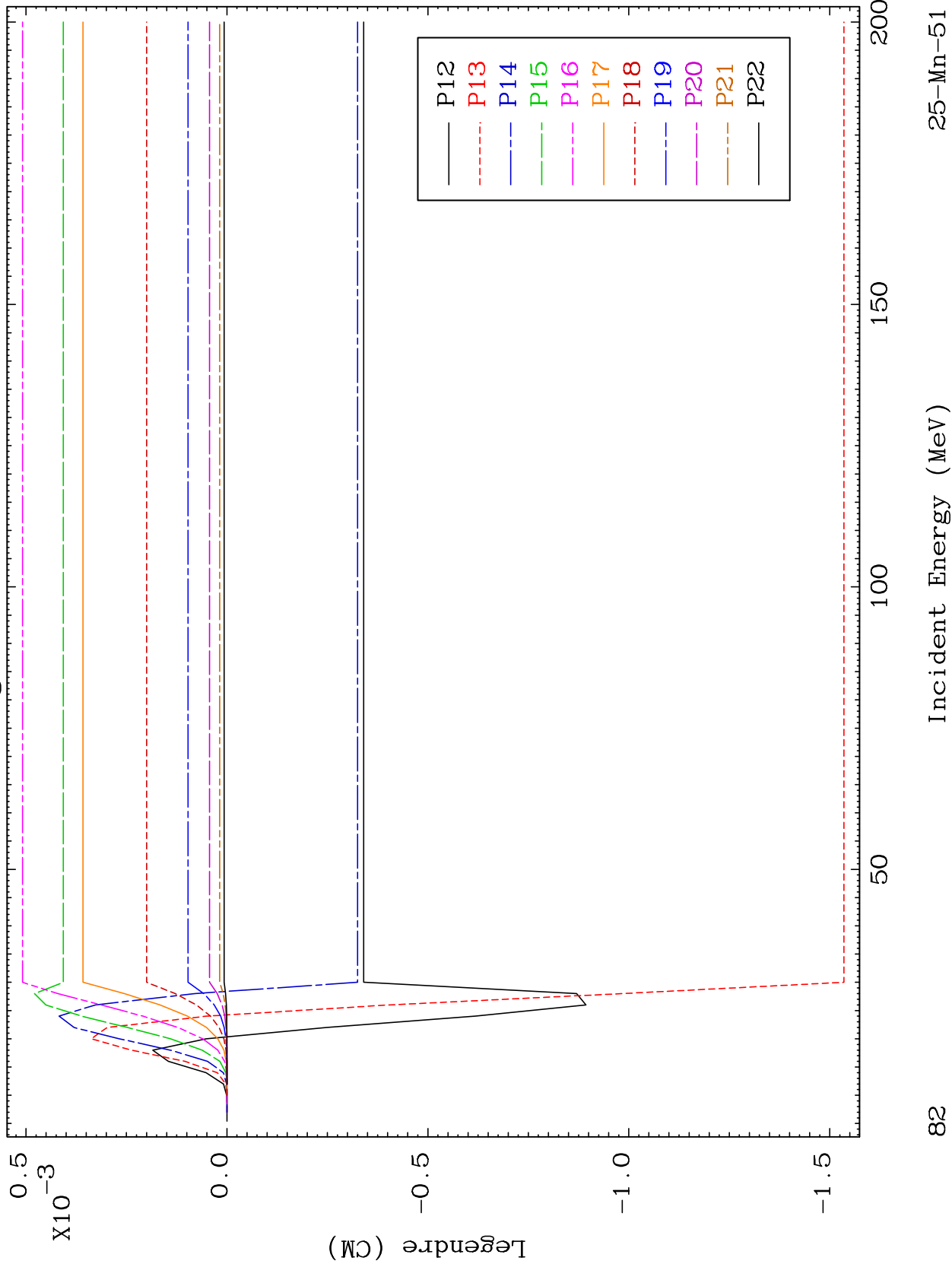
Incident Energy (MeV)

25-Mn-51

MAT 2513

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

25-Mn-51



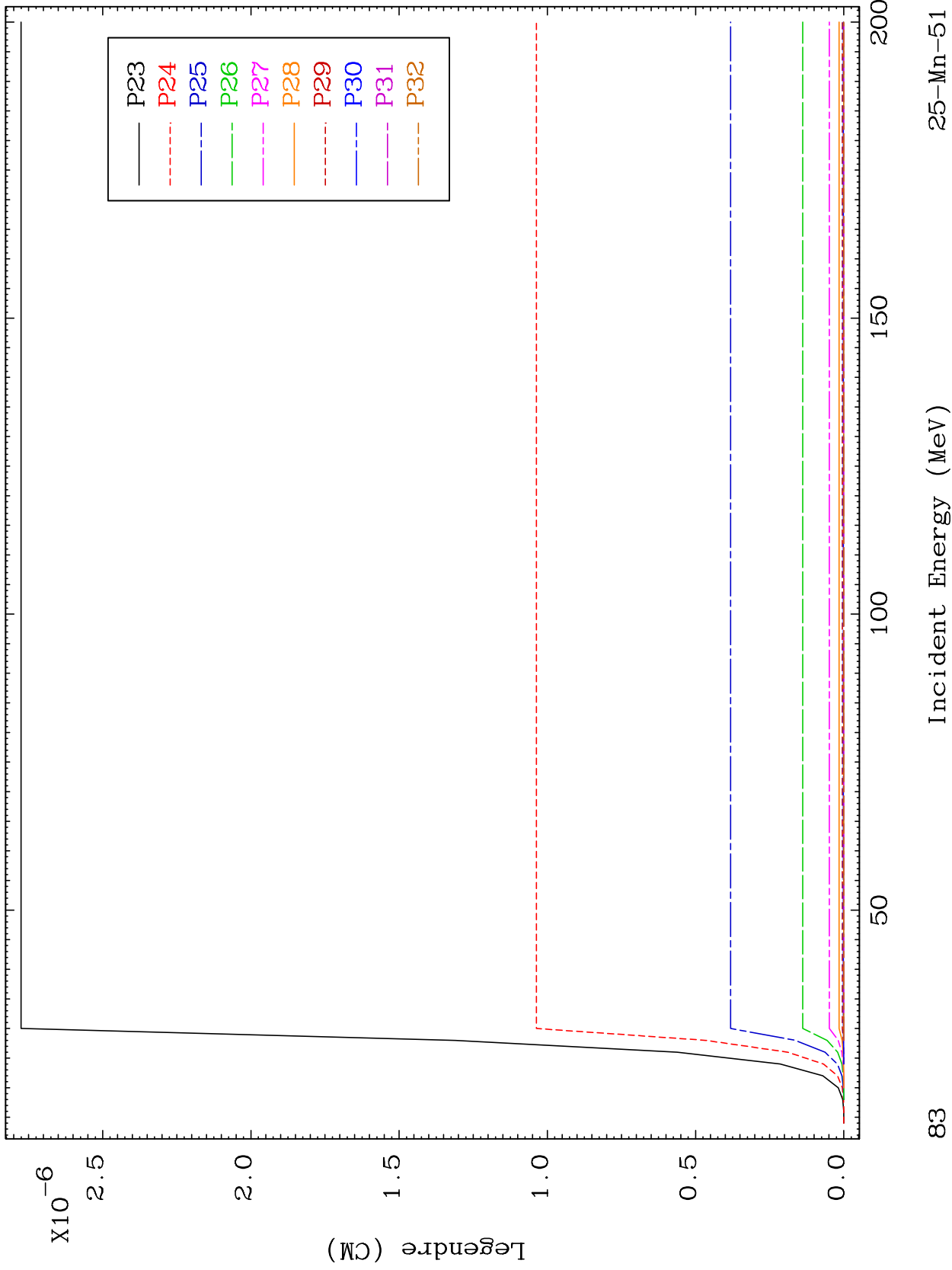
82

25-Mn-51

MAT 2513

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

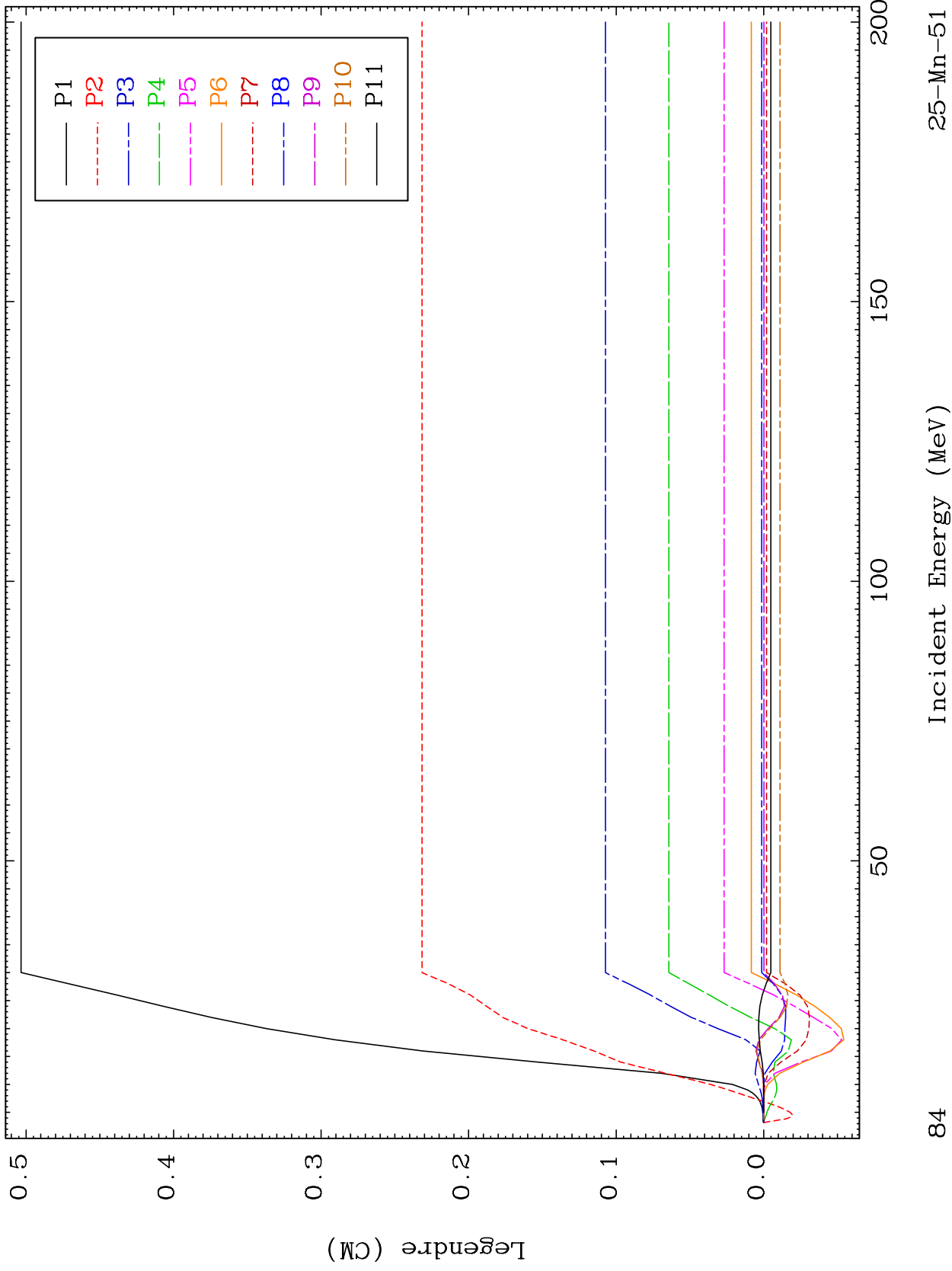
25-Mn-51



MAT 2513

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

25-Mn-51



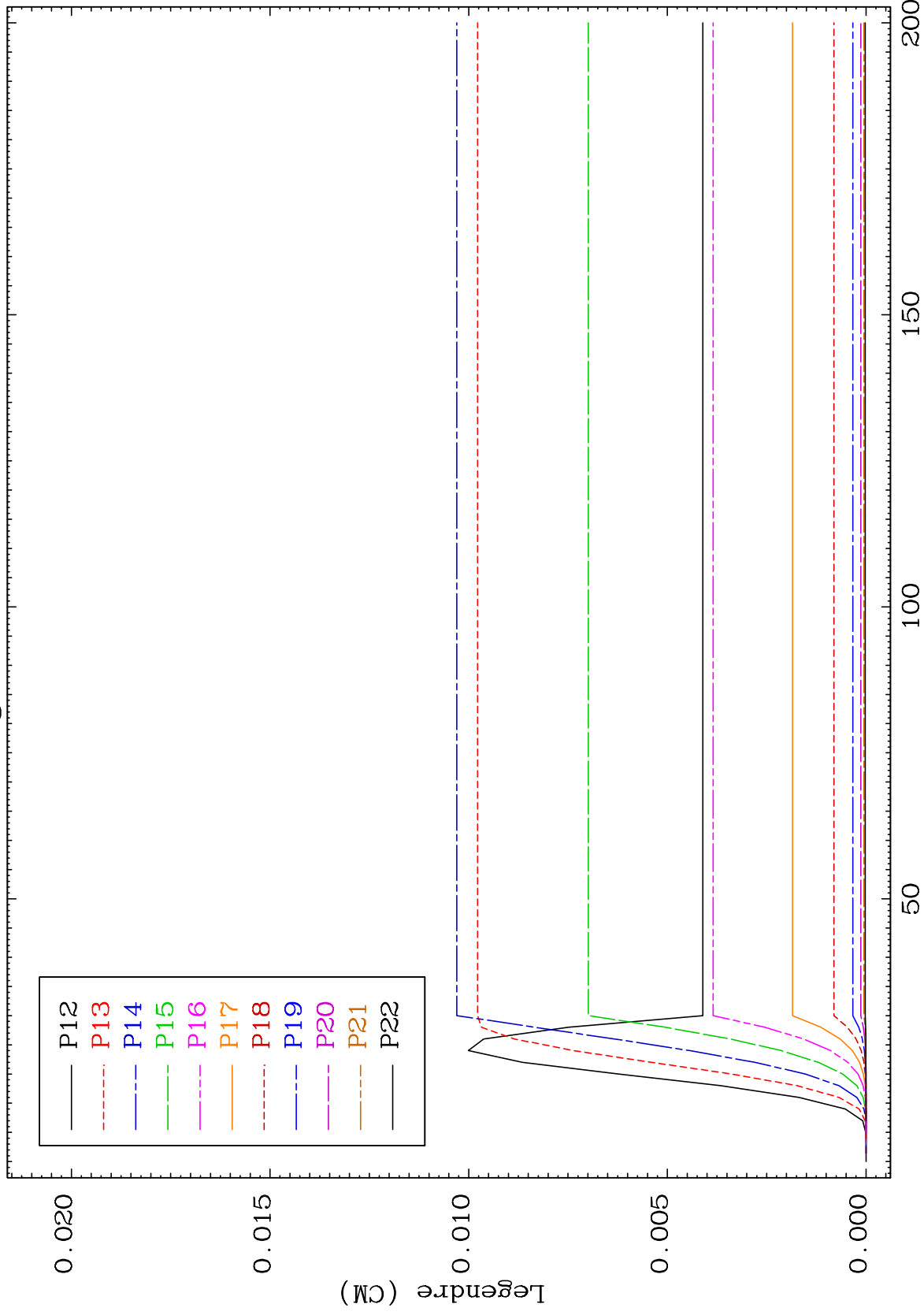
84

25-Mn-51

MAT 2513

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

25-Mn-51



85

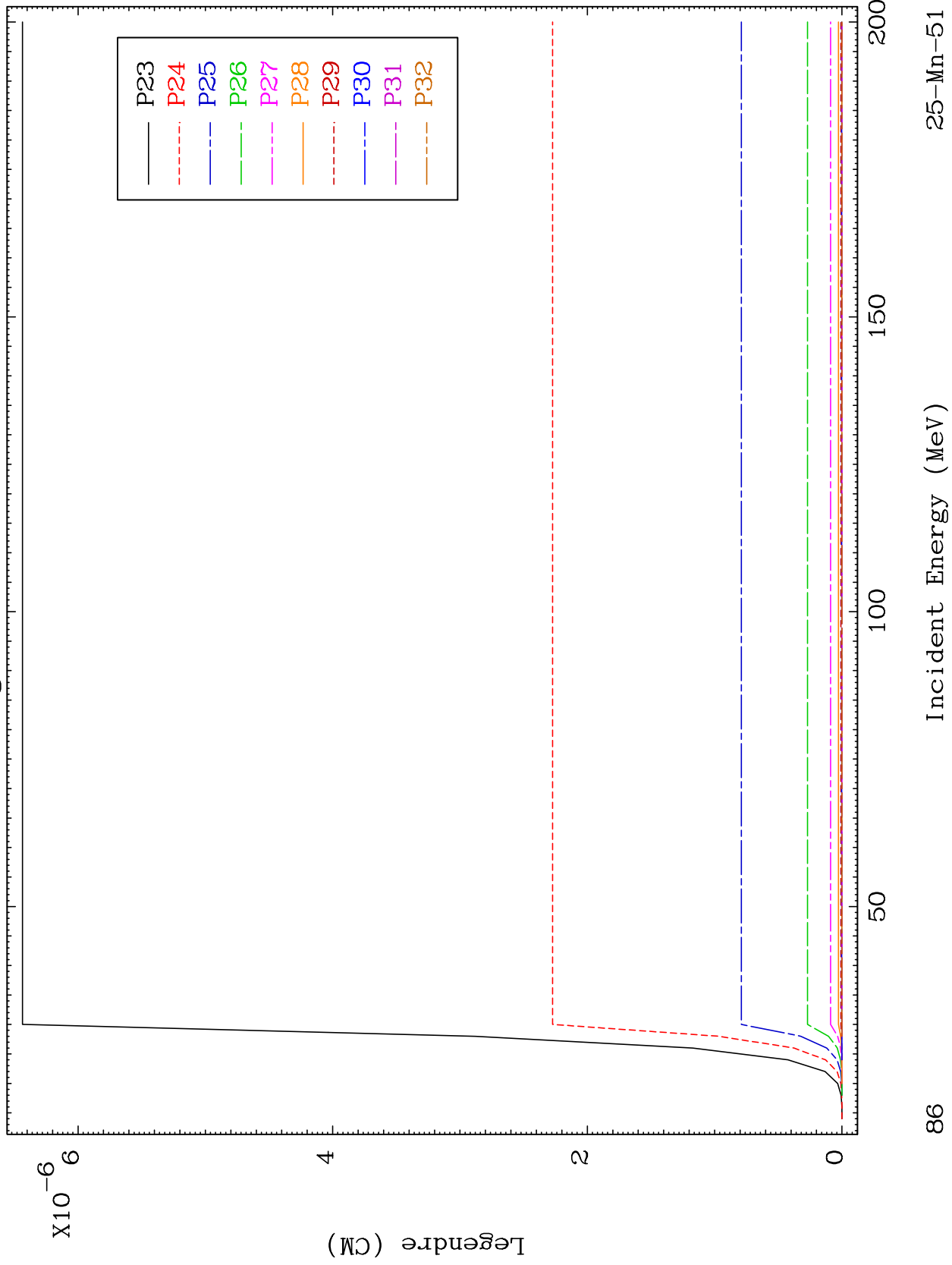
Incident Energy (MeV)

25-Mn-51

MAT 2513

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

25-Mn-51



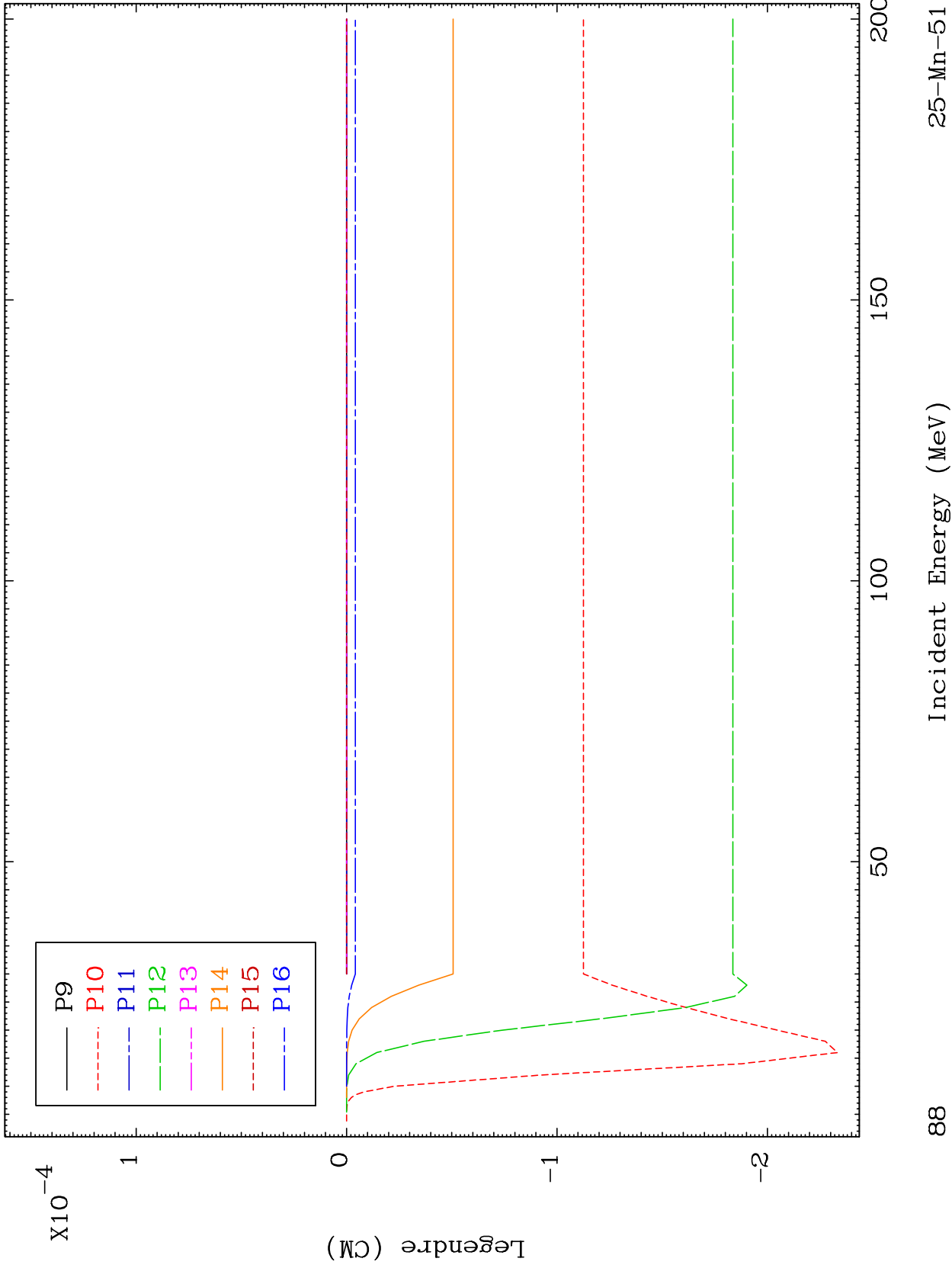
86

25-Mn-51

MAT 2513

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

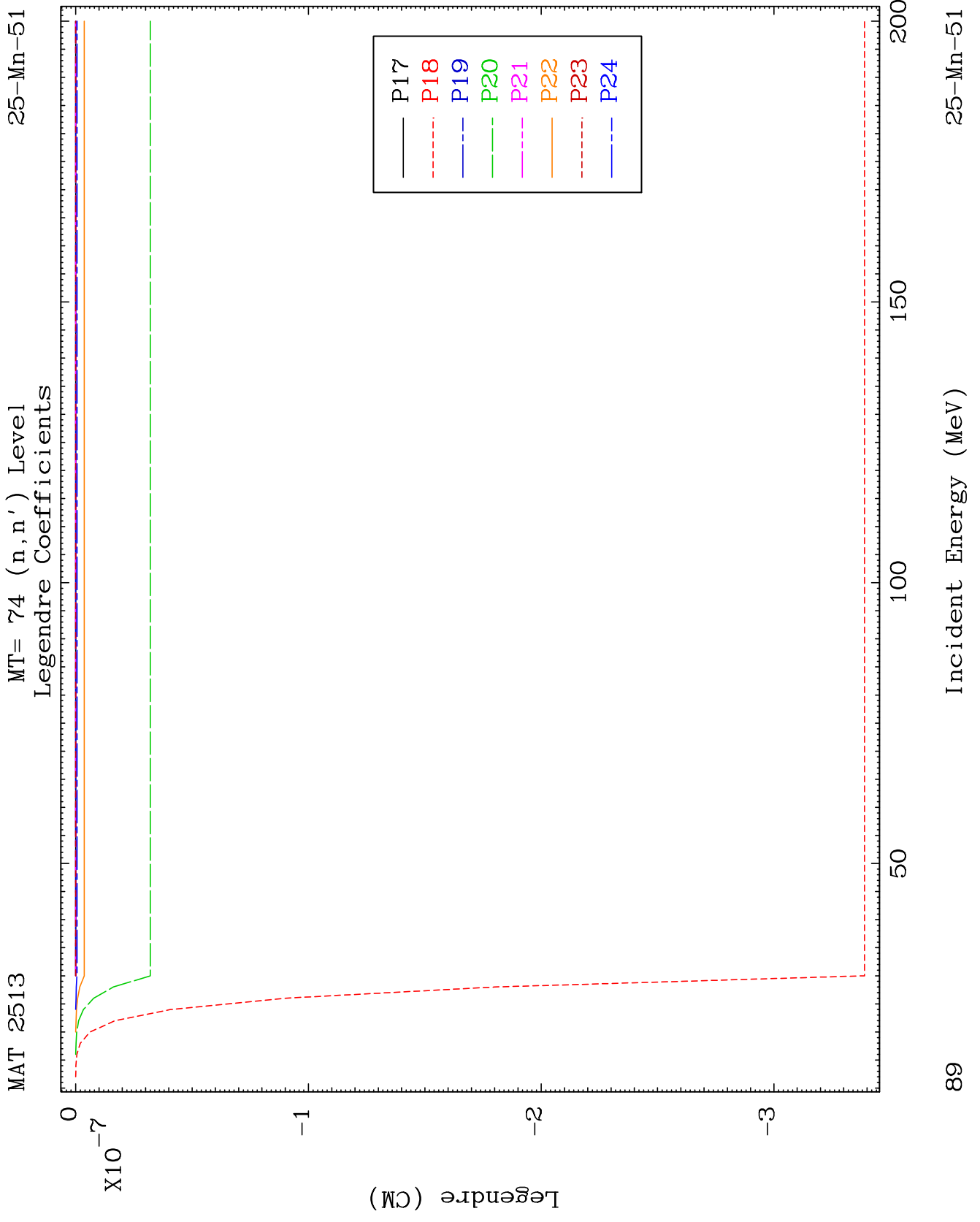
25-Mn-51

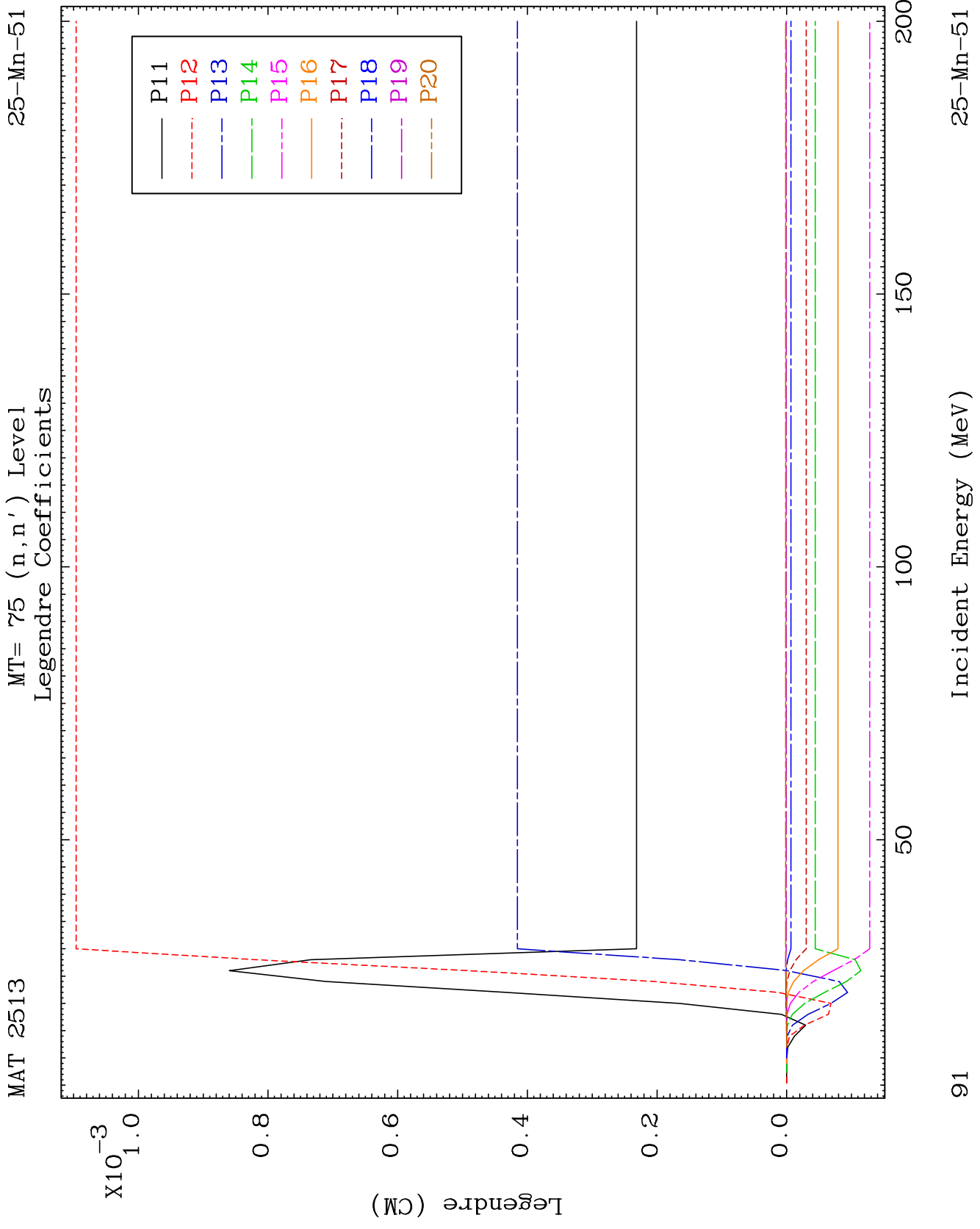


88

Incident Energy (MeV)

25-Mn-51

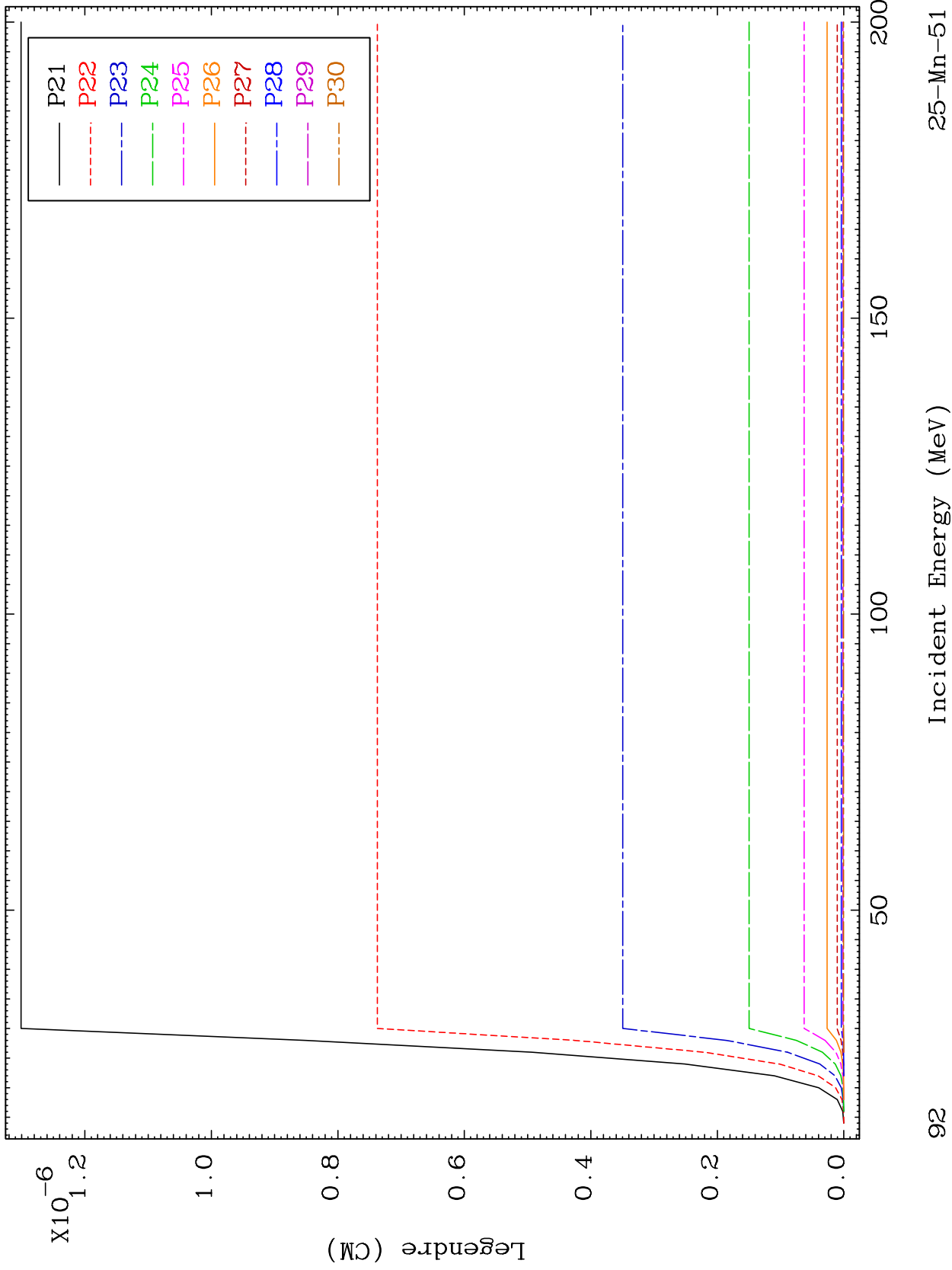




MAT 2513

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

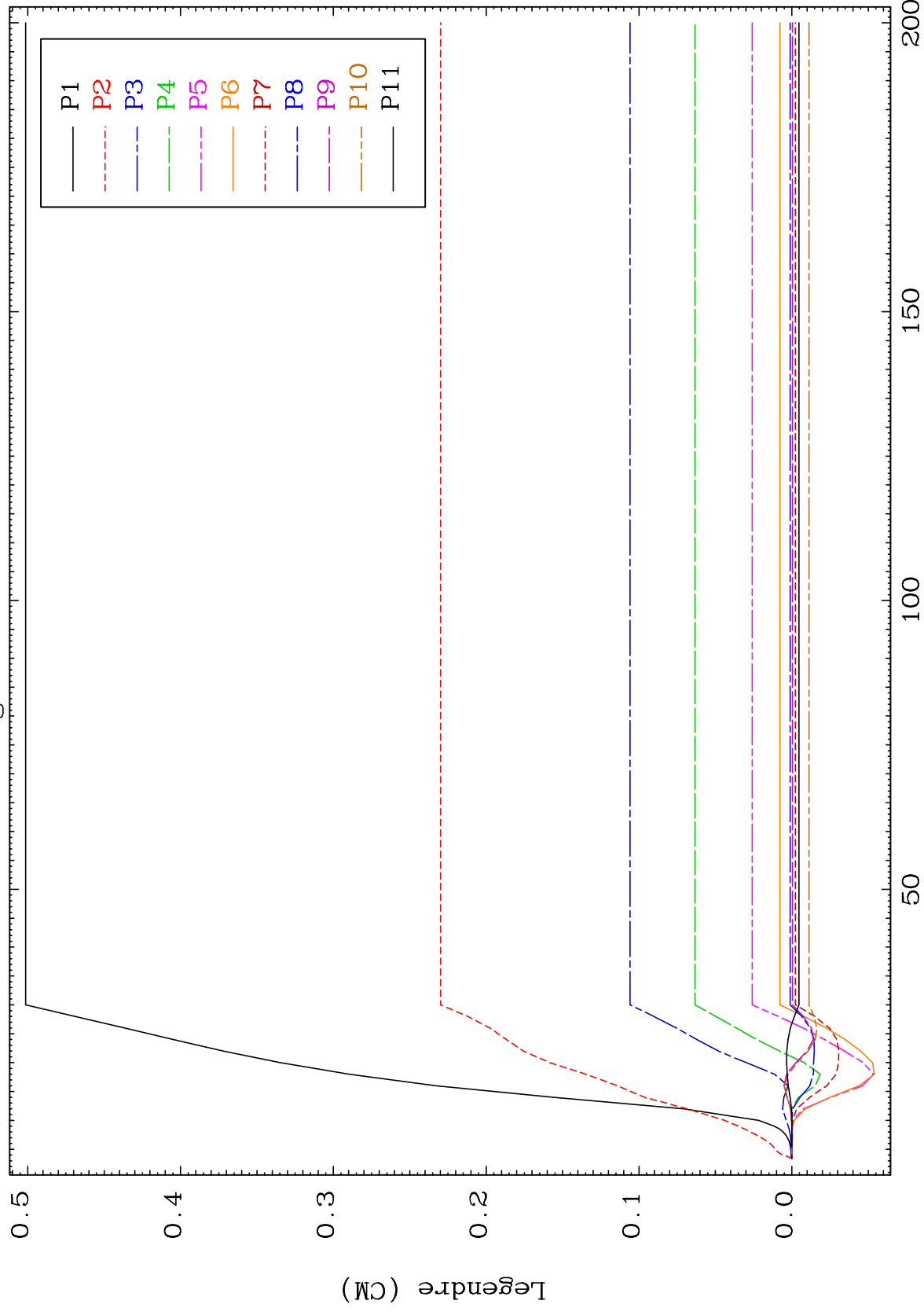
25-Mn-51



MAT 2513

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

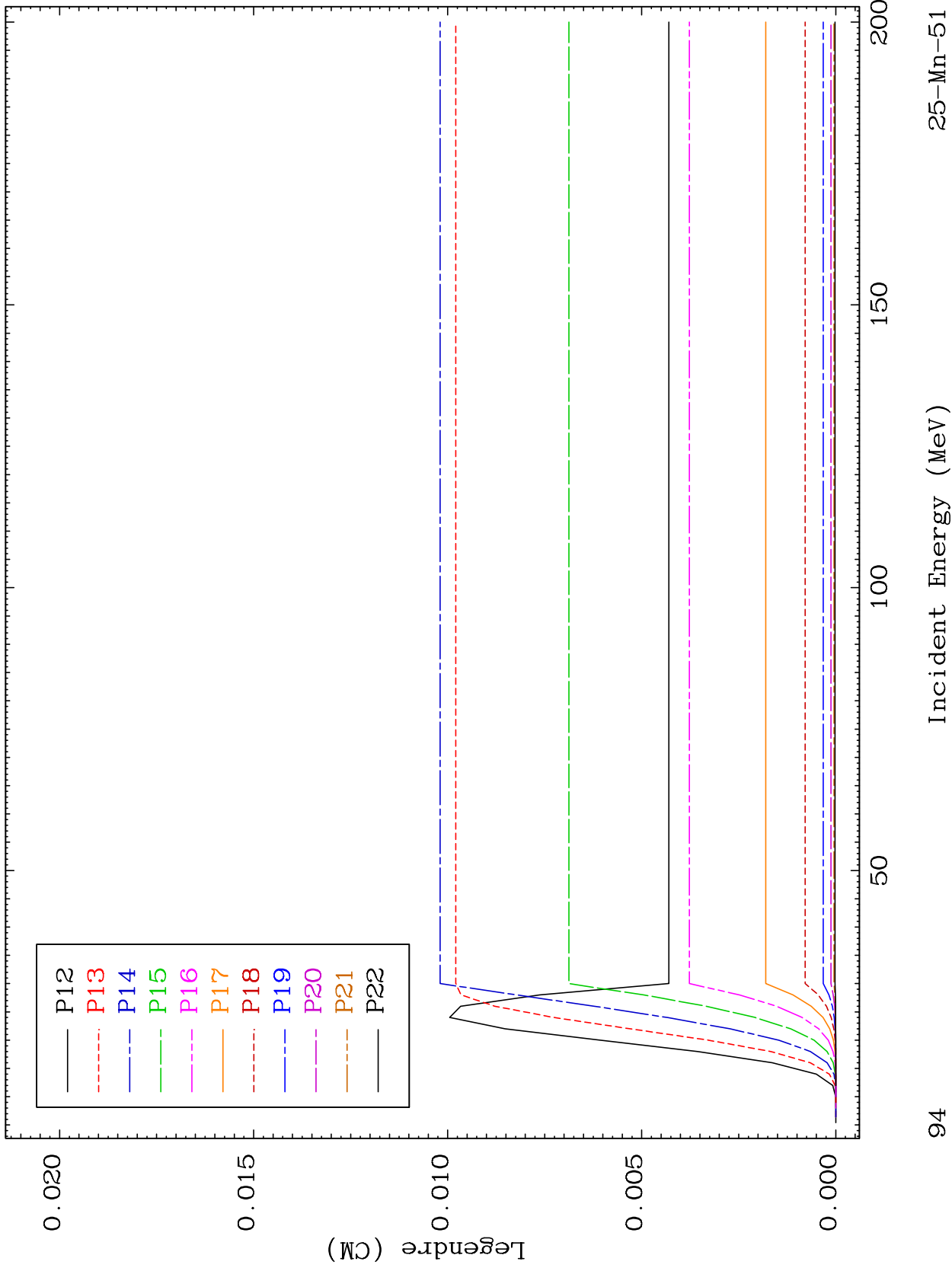
25-Mn-51



MAT 2513

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

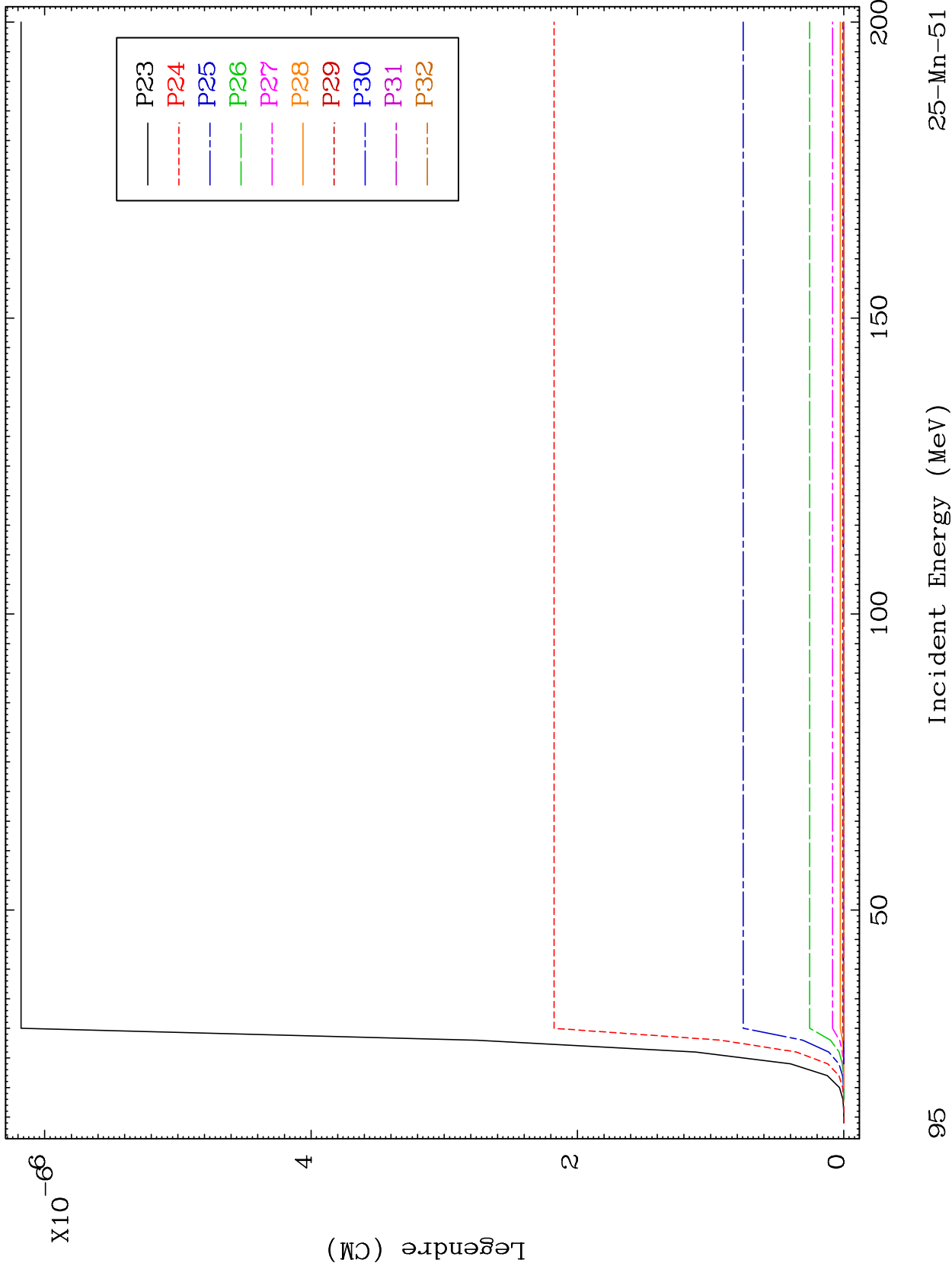
25-Mn-51



MAT 2513

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

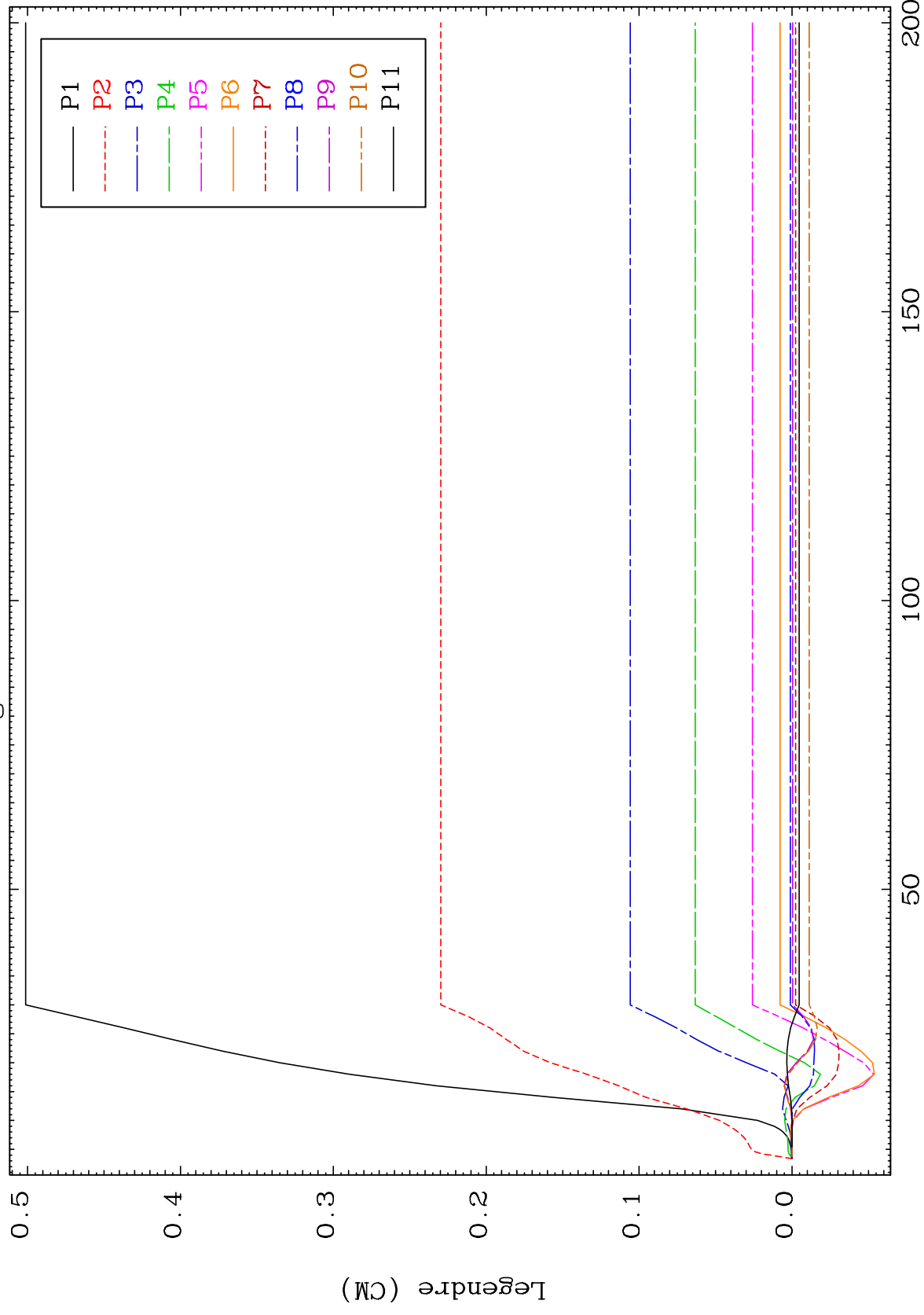
25-Mn-51



MAT 2513

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

25-Mn-51



96

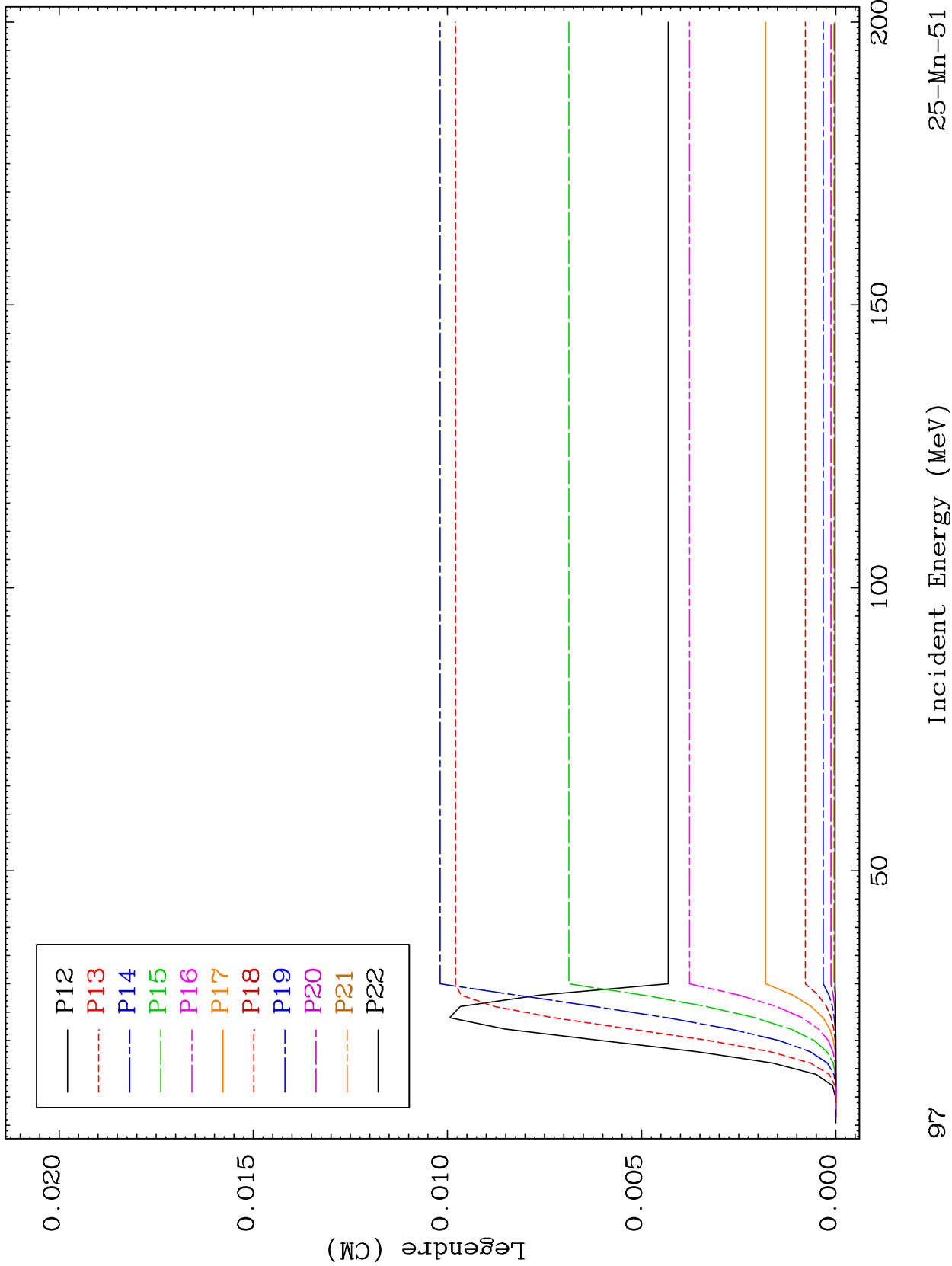
Incident Energy (MeV)

25-Mn-51

MAT 2513

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

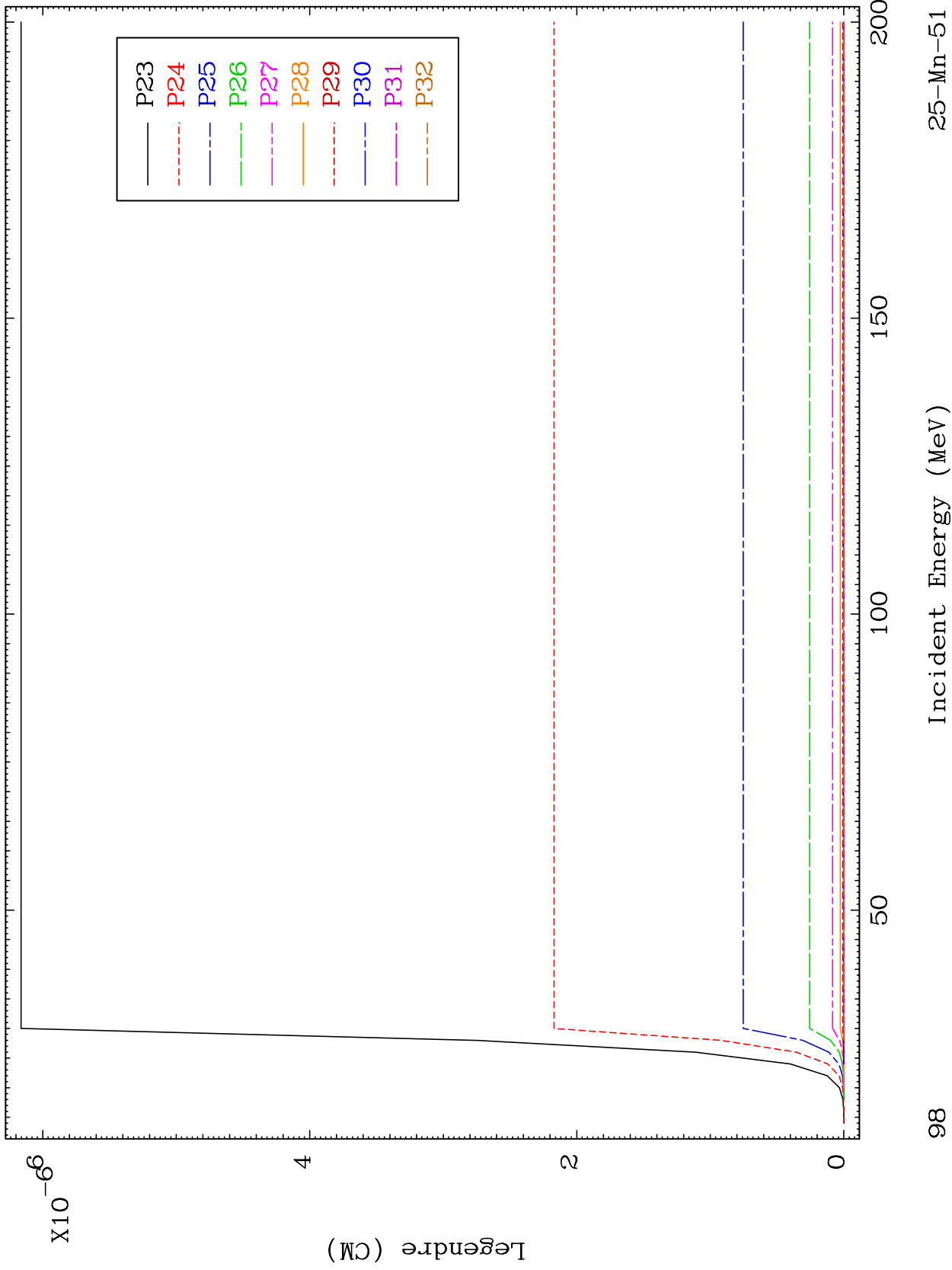
25-Mn-51

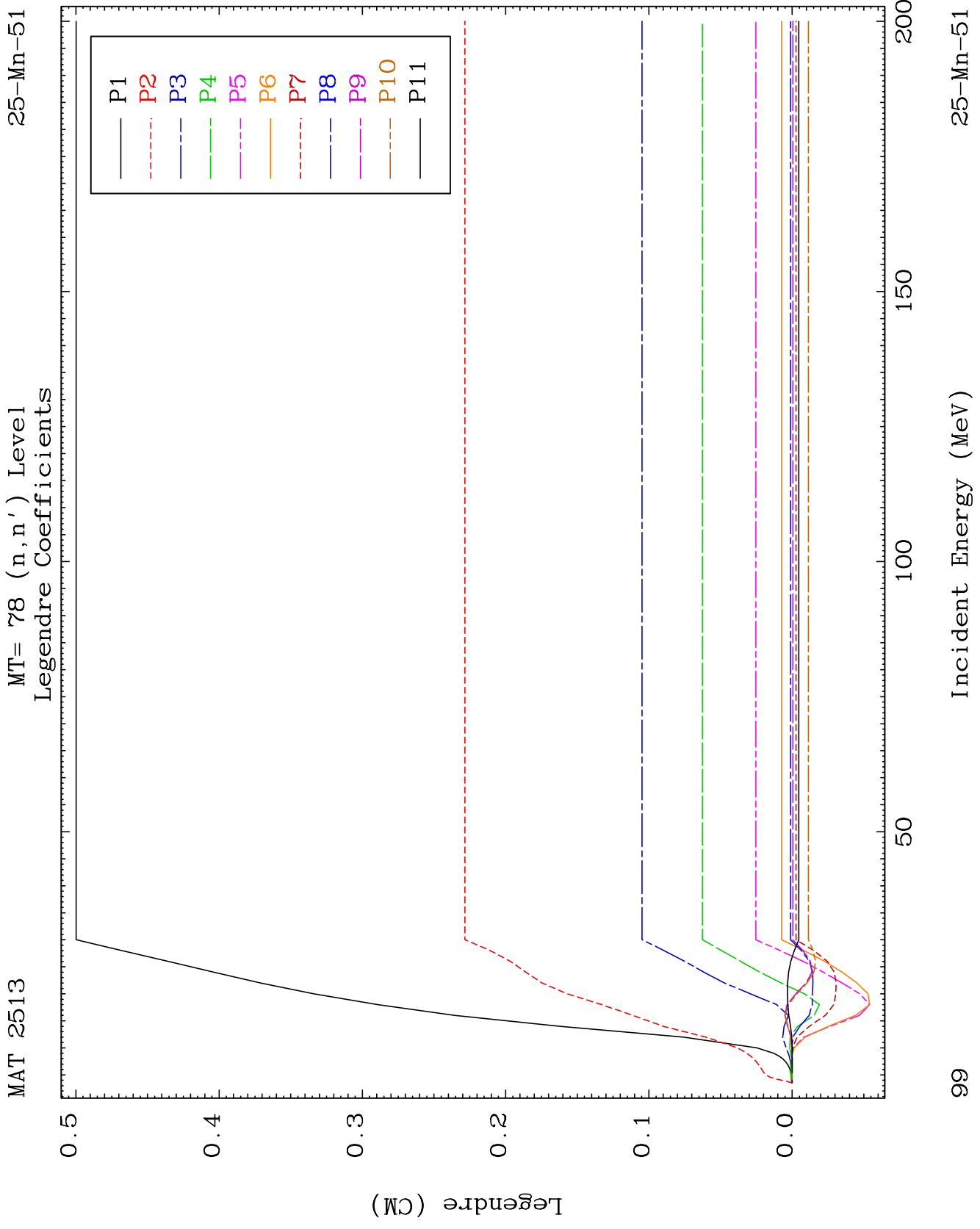


MAT 2513

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

25-Mn-51

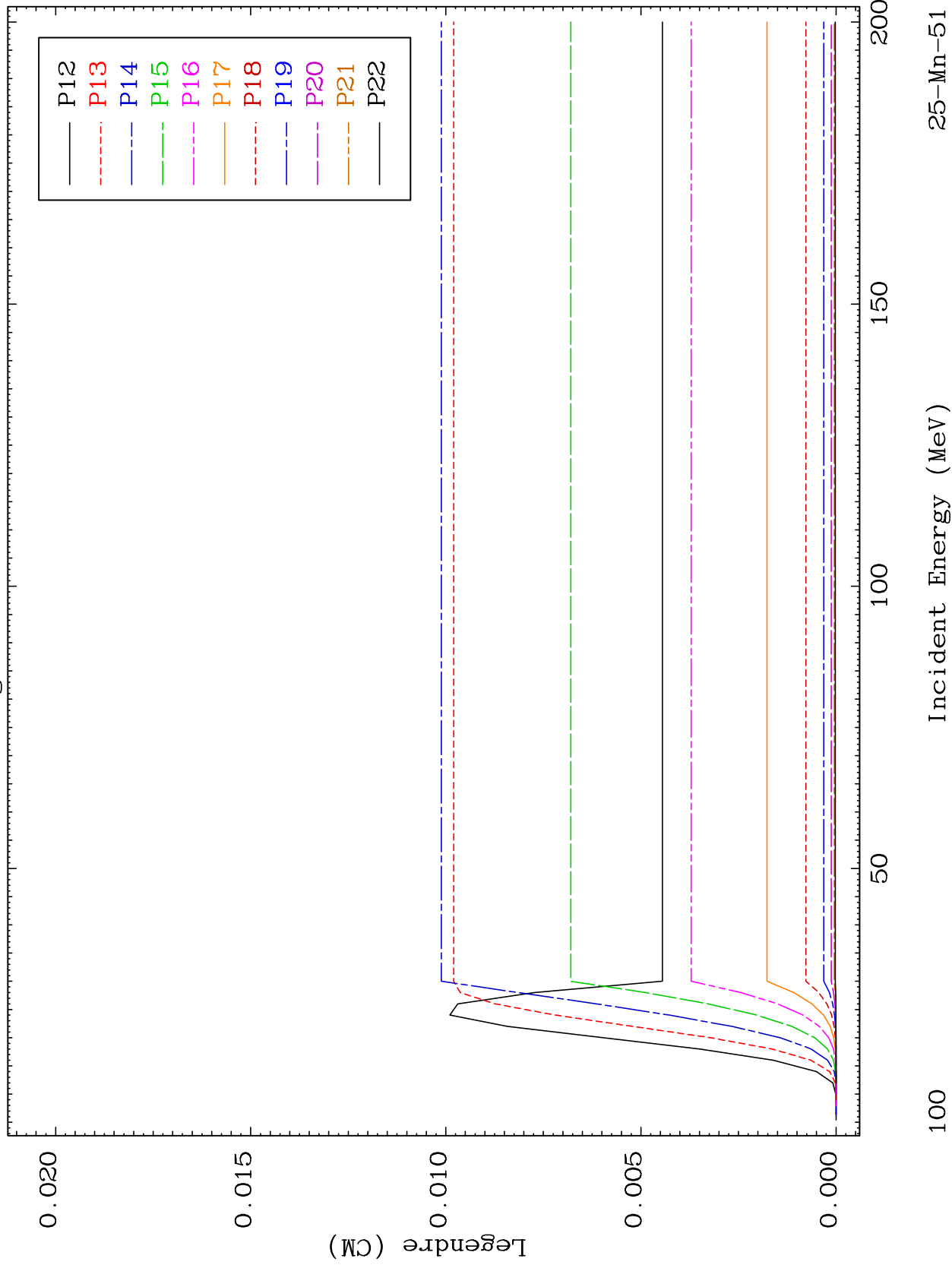


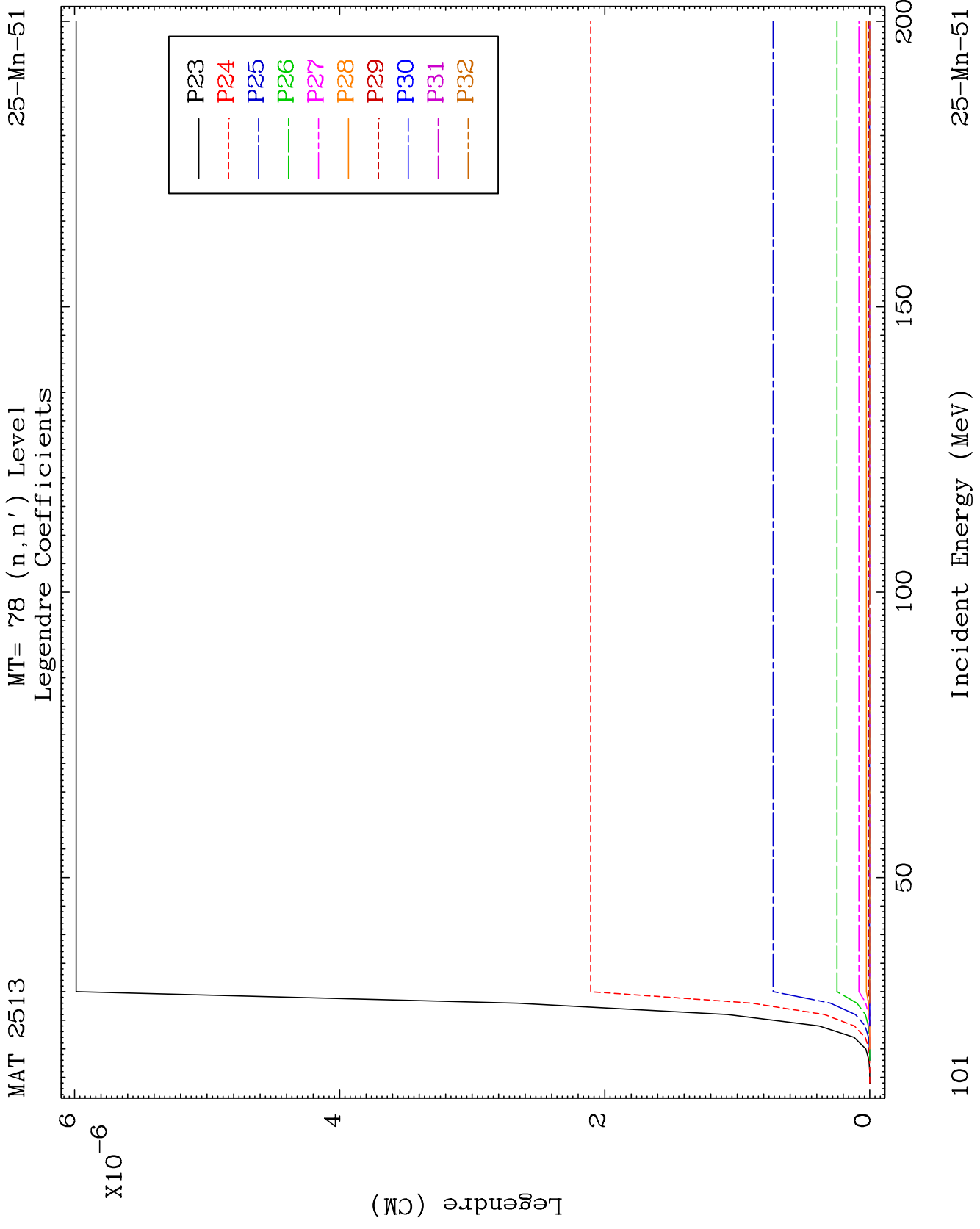


MAT 2513

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

25-Mn-51

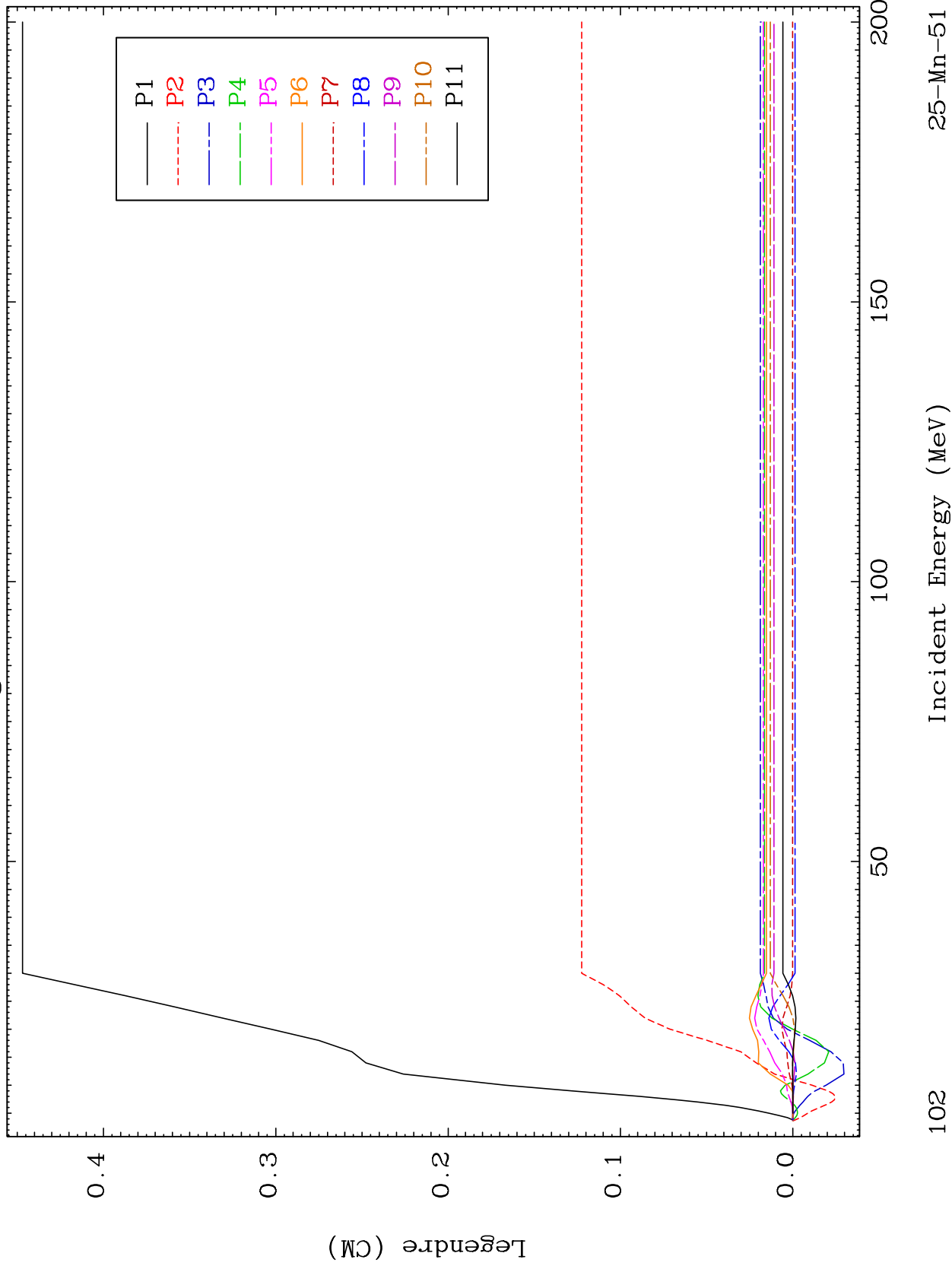




MAT 2513

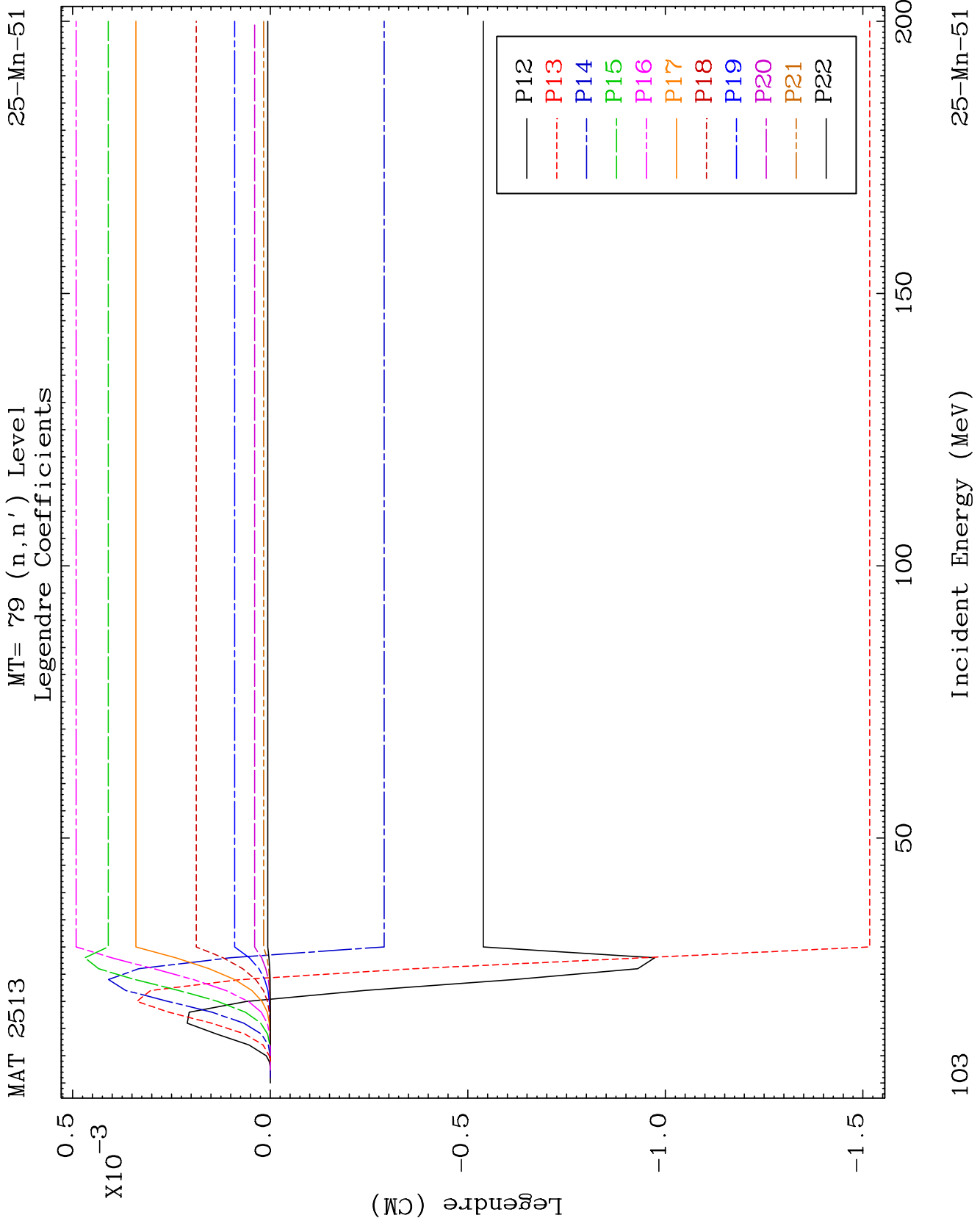
MT= 79 (n,n') Level
Legendre Coefficients

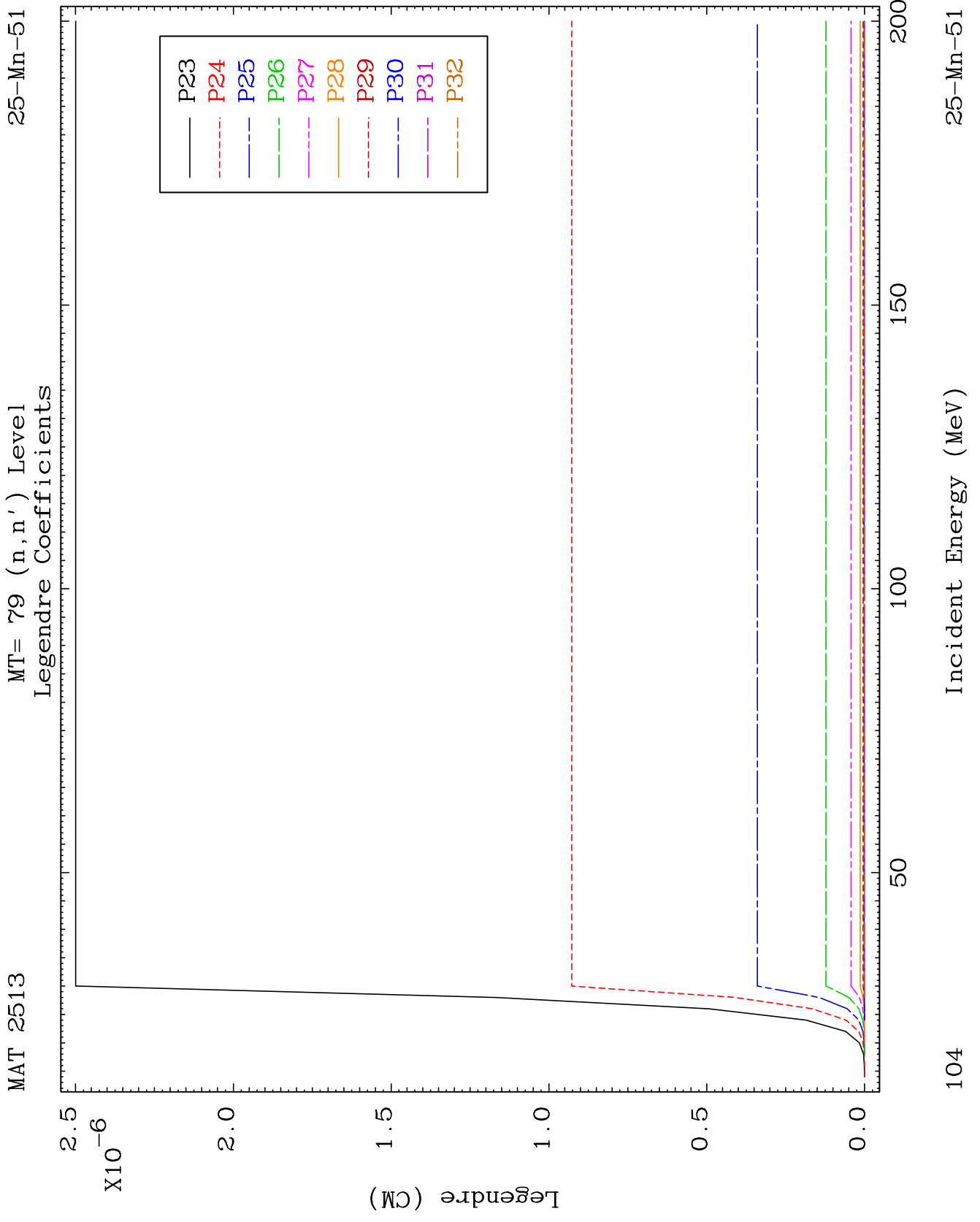
25-Mn-51



102

25-Mn-51

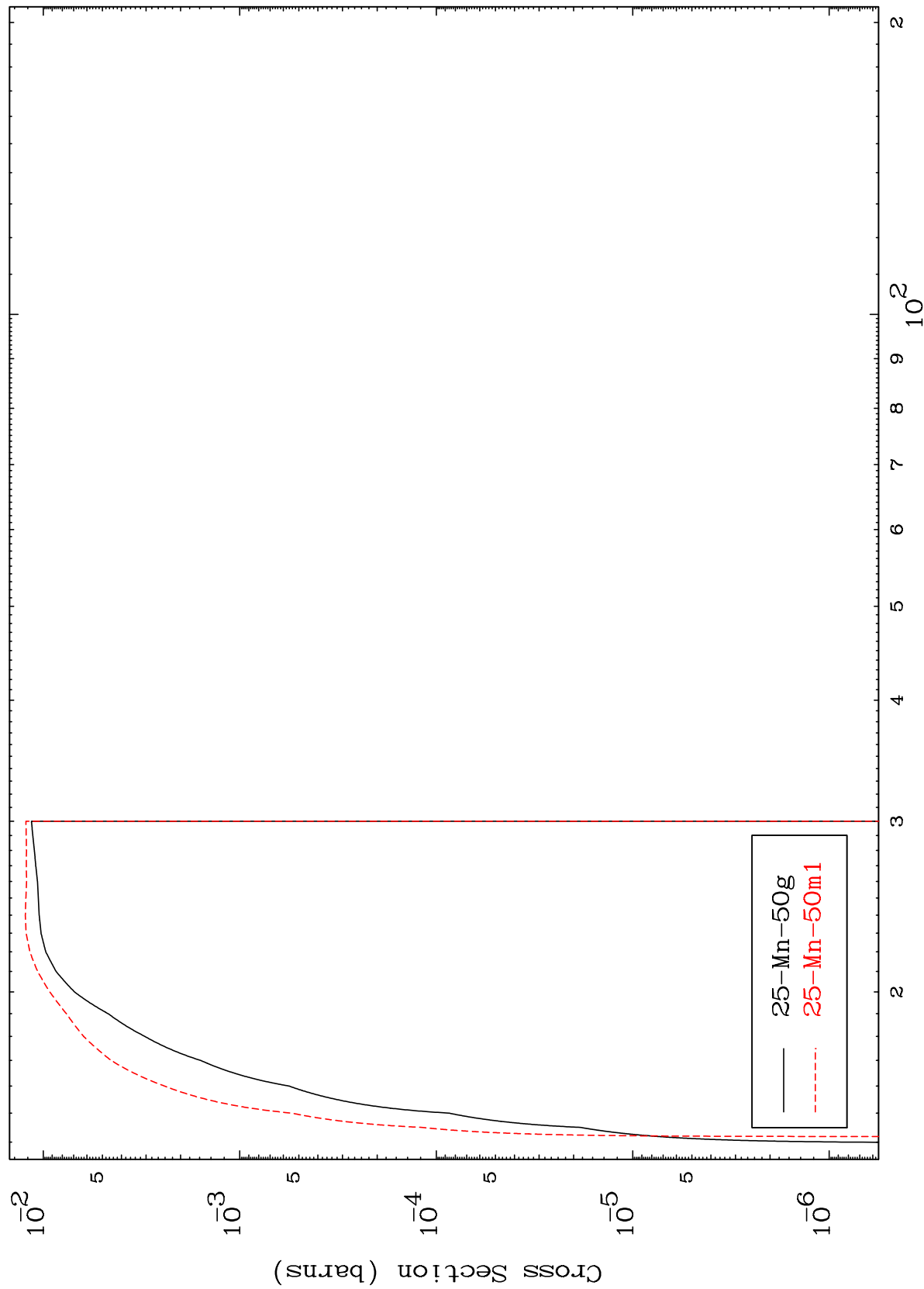




MAT 2513

25-Mn-51

(n,2n)
Radionuclide Production Cross Section



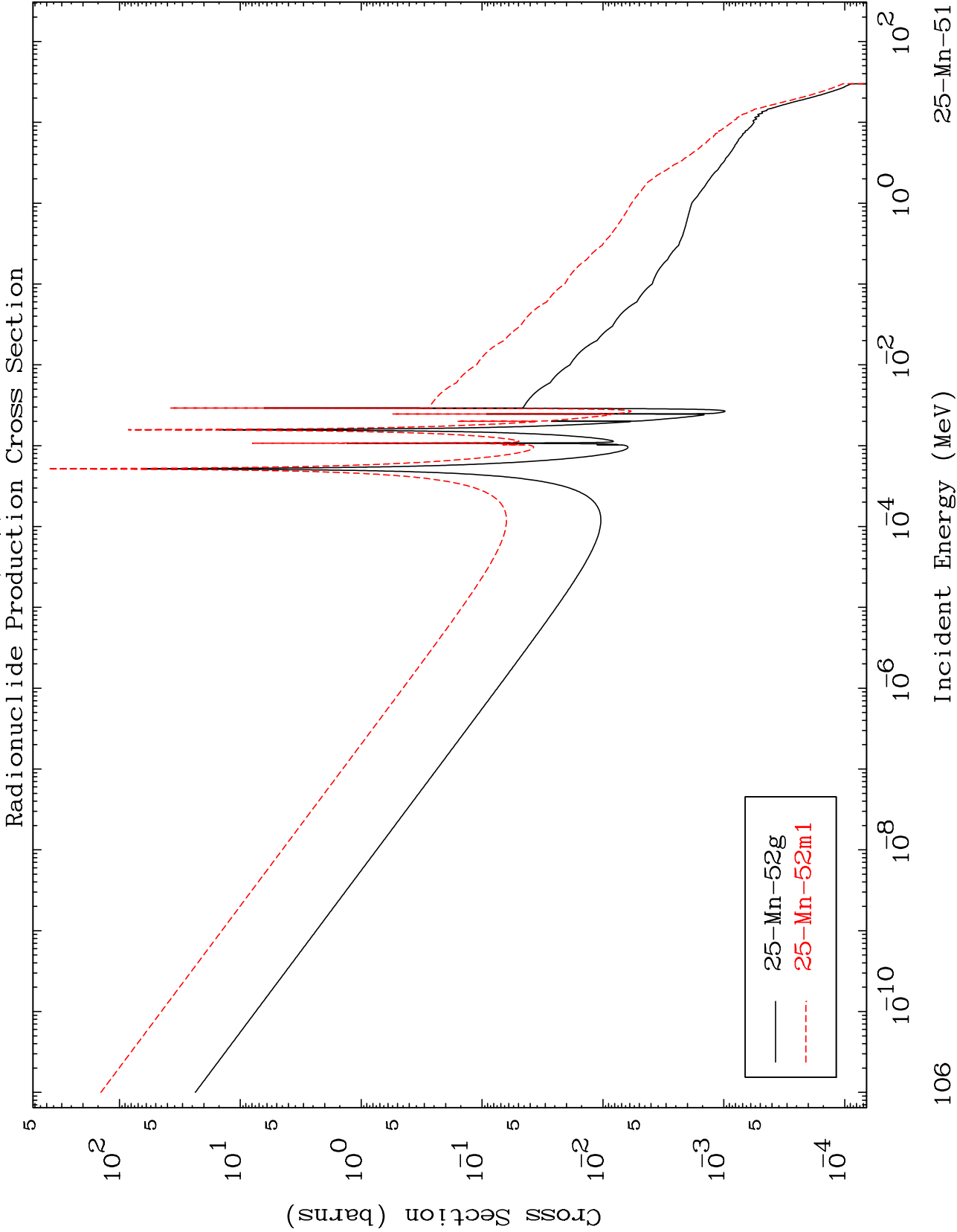
25-Mn-51

Incident Energy (MeV)

105

MAT 2513

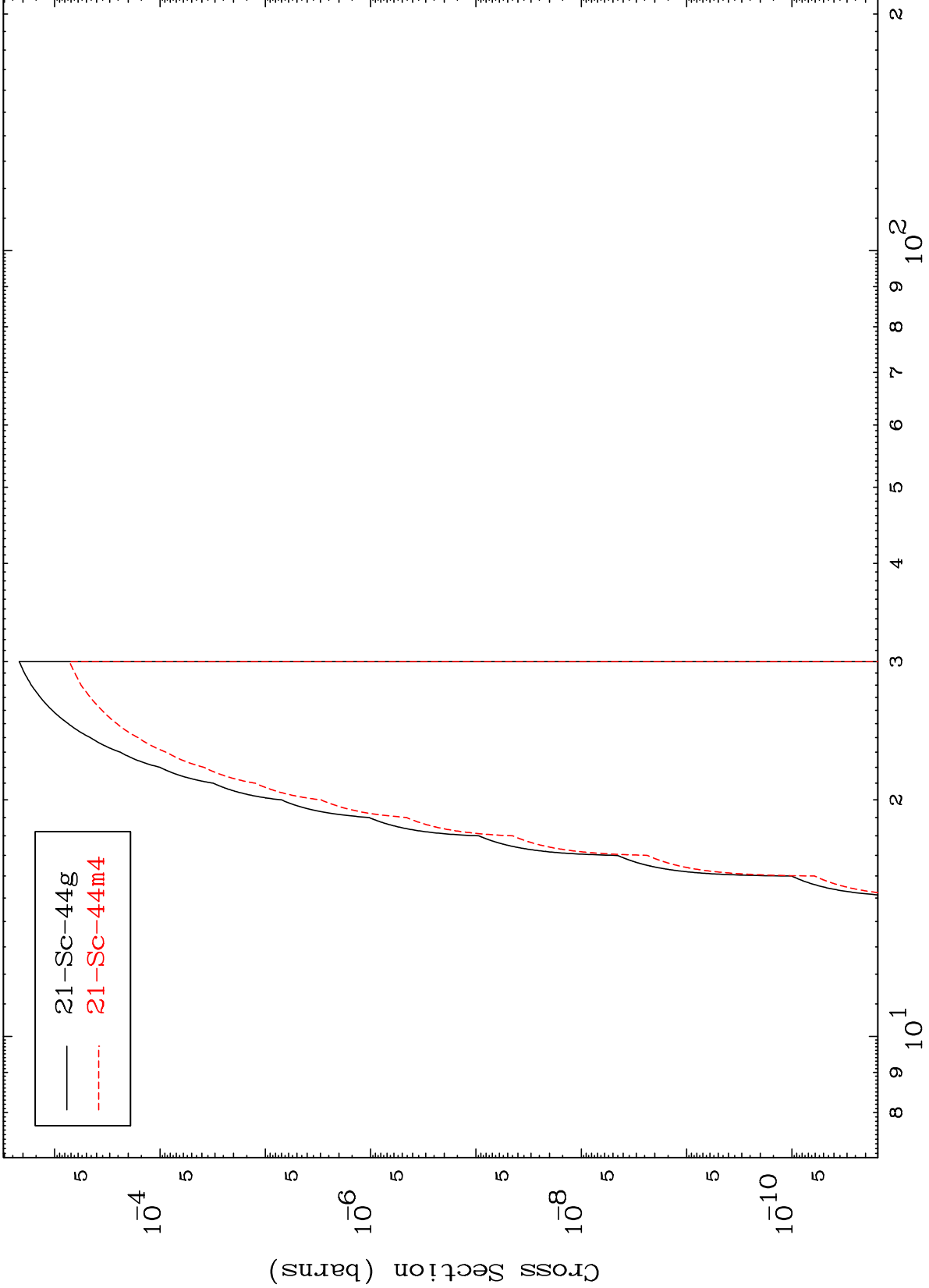
25-Mn-51



MAT 2513

25-Mn-51

Radionuclide Production Cross Section
(n,2α)



— 21-Sc-44g
- - - 21-Sc-44m4

107

Incident Energy (MeV)

25-Mn-51