

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

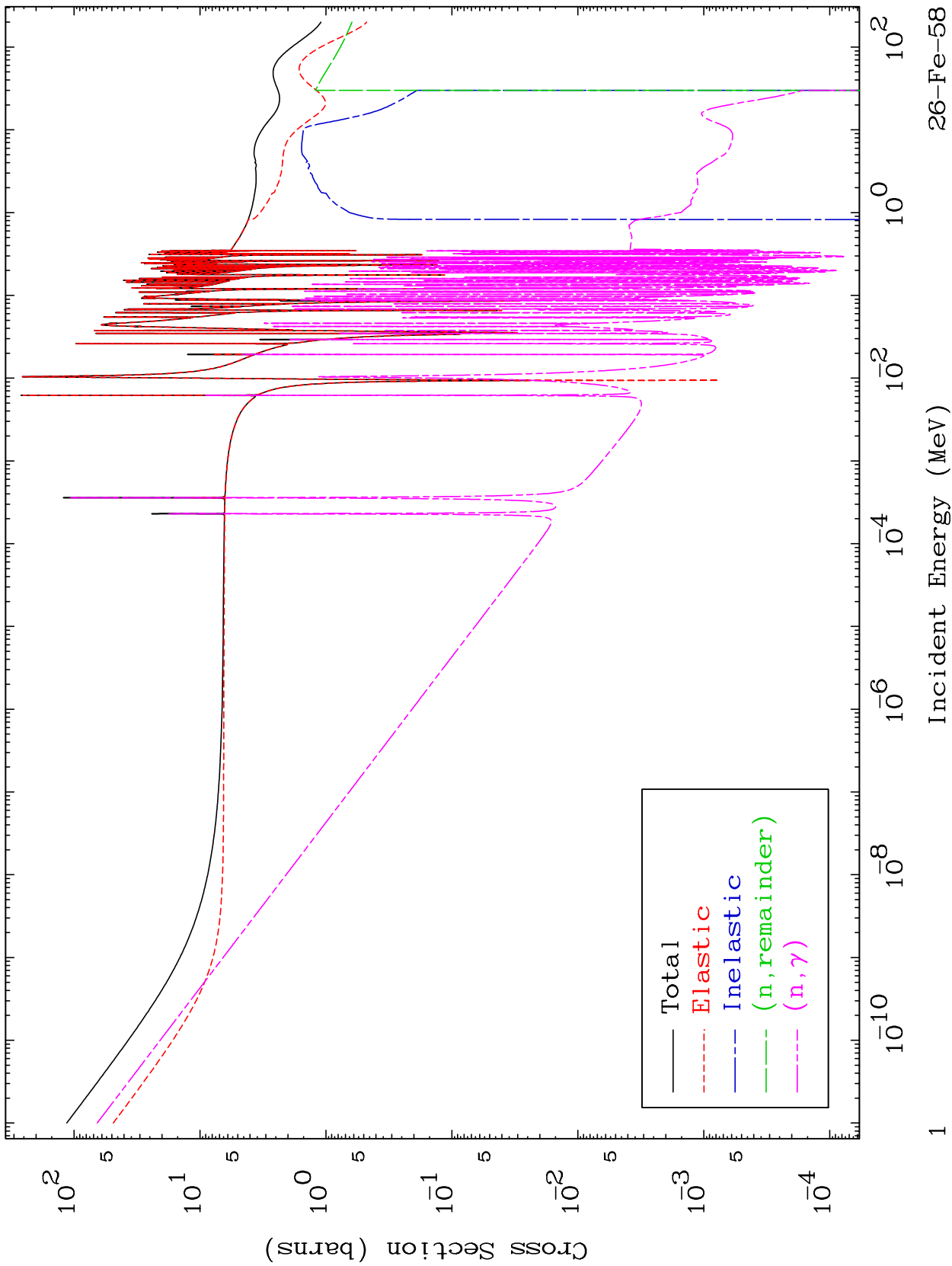
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2637

Major
293 Kelvin Cross Sections

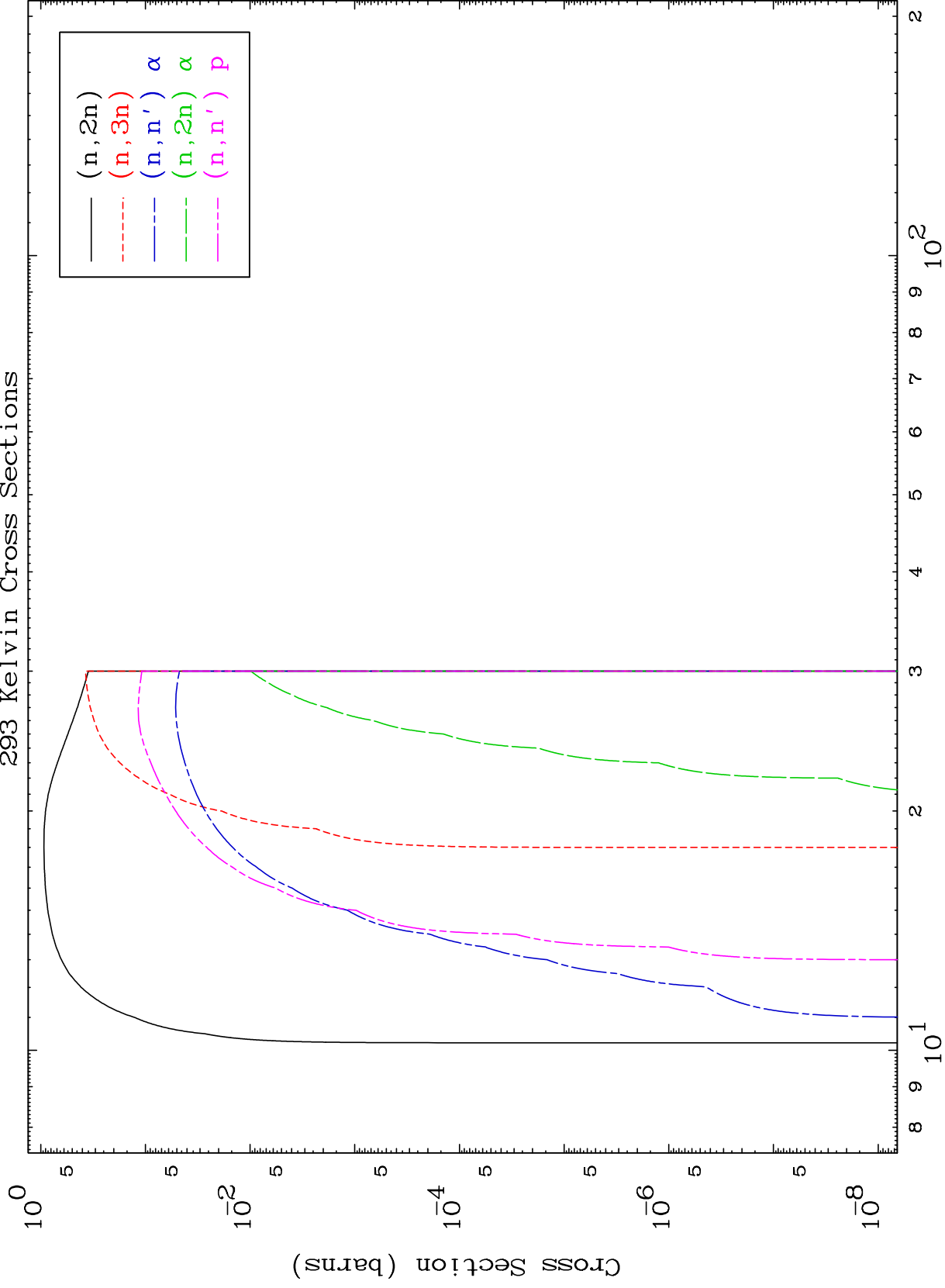
26-Fe-58



MAT 2637

Neutron Production
293 Kelvin Cross Sections

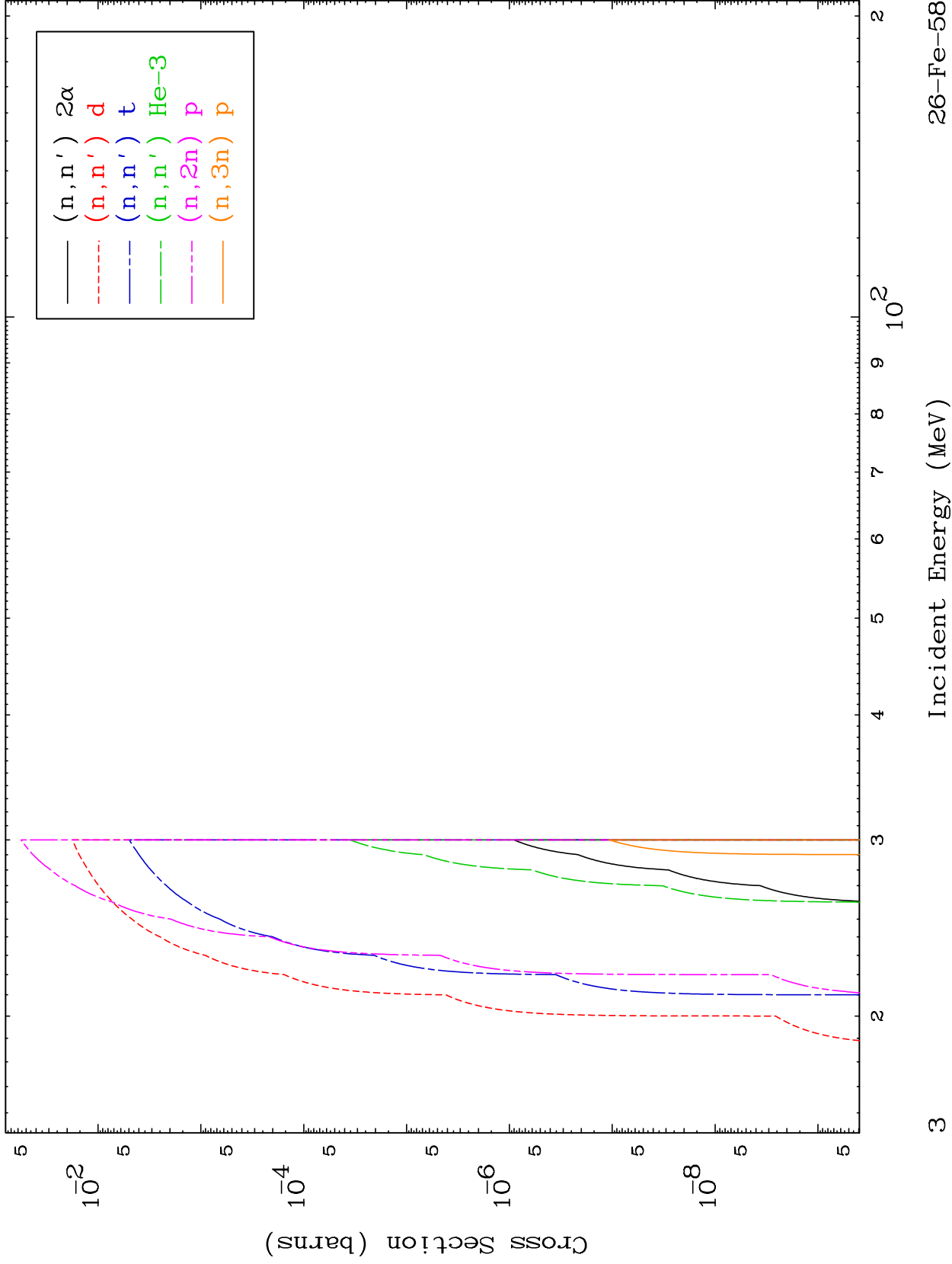
26-Fe-58



2

Incident Energy (MeV)

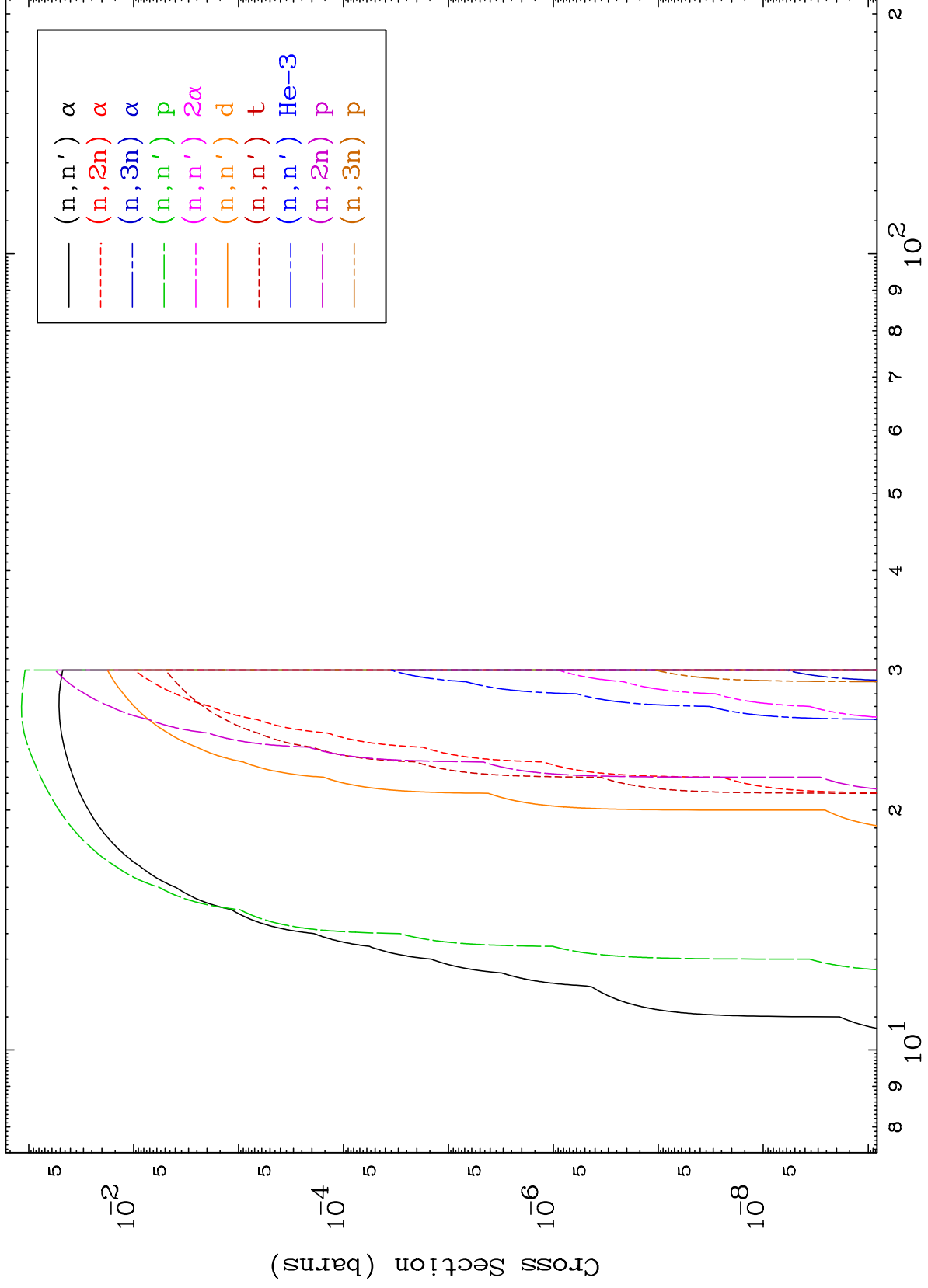
26-Fe-58



MAT 2637

Charged Particle
293 Kelvin Cross Sections

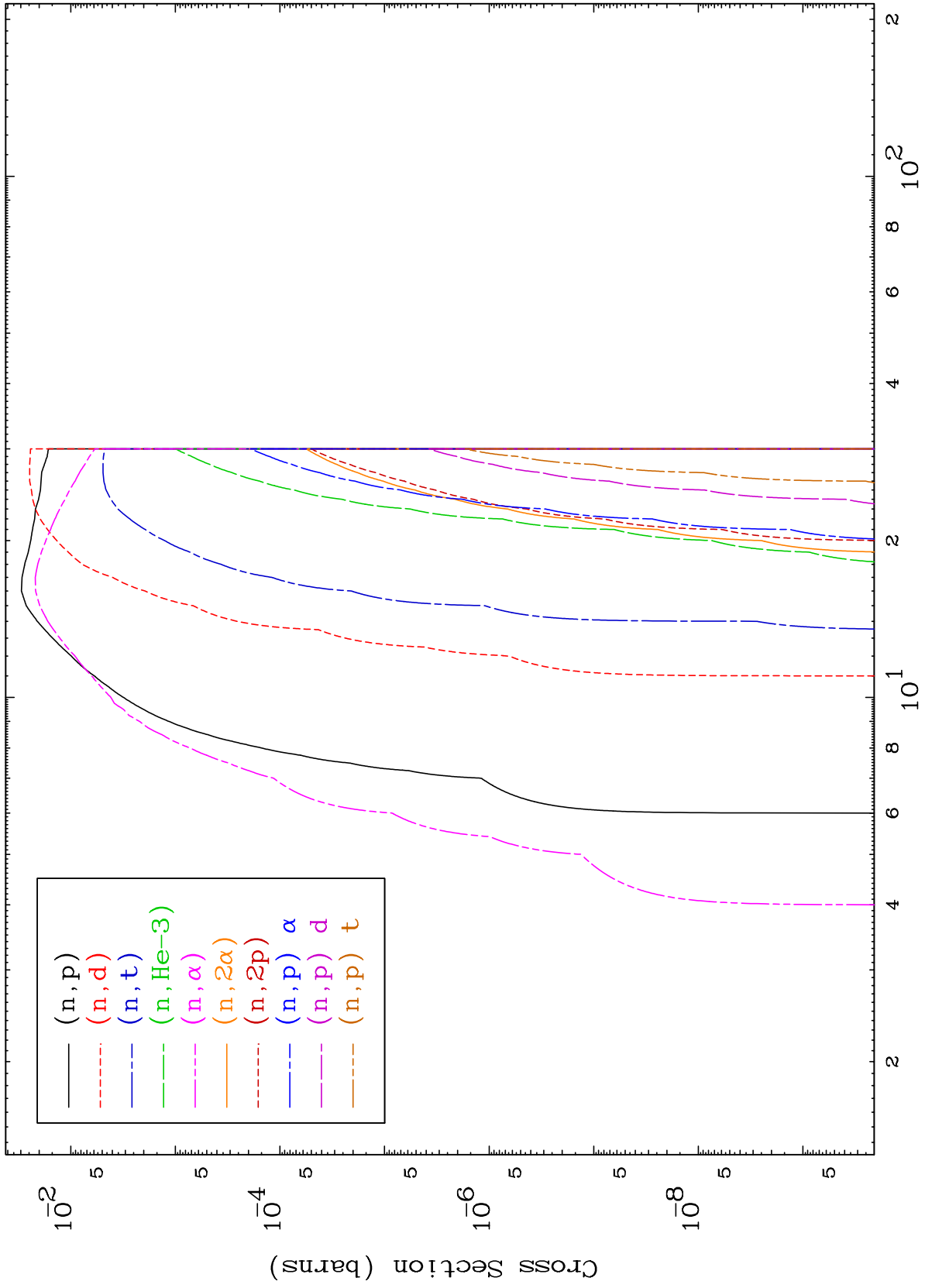
26-Fe-58



4

Incident Energy (MeV)

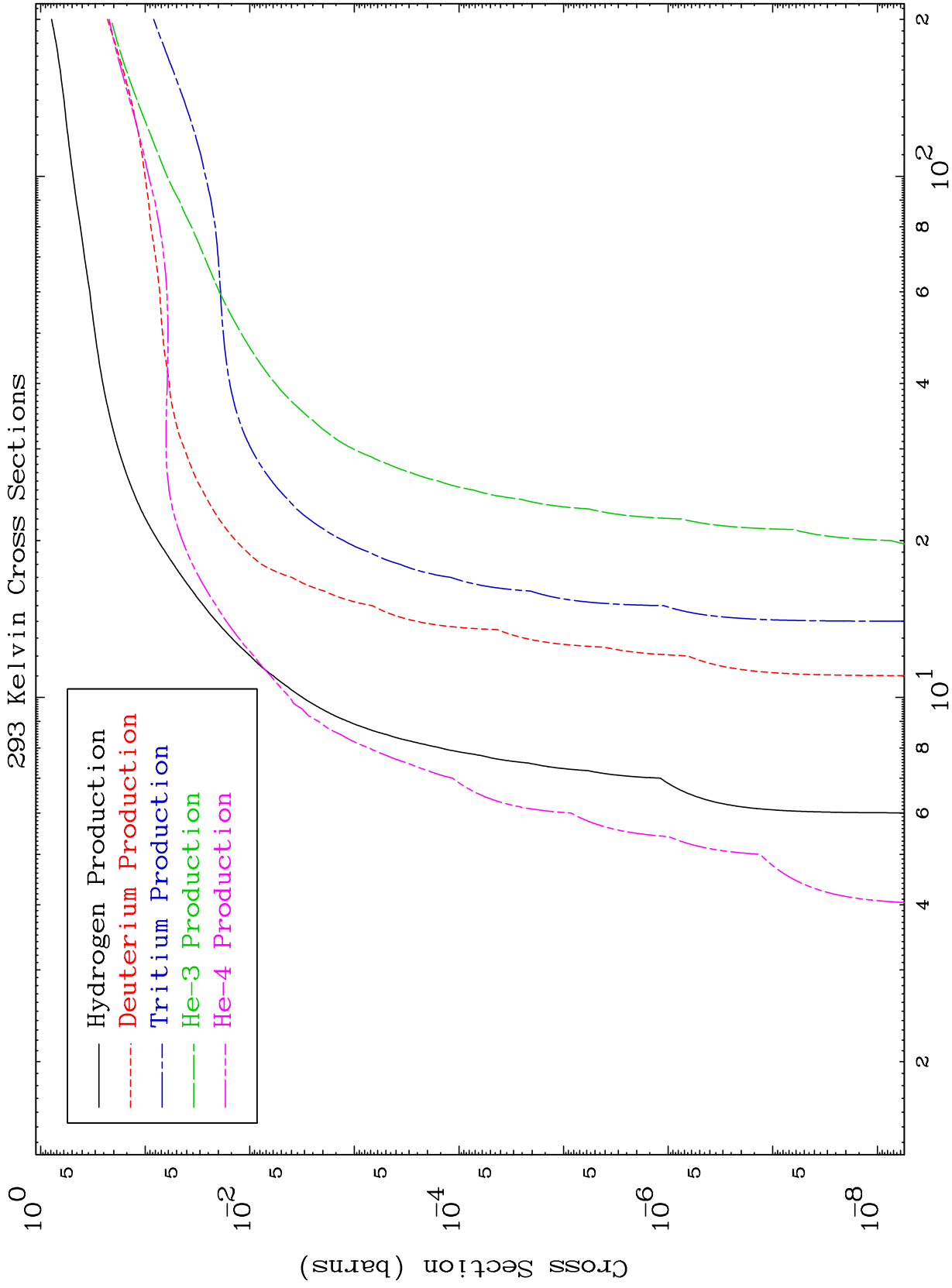
26-Fe-58



MAT 2637

Particle Production
293 Kelvin Cross Sections

26-Fe-58



6

Incident Energy (MeV)

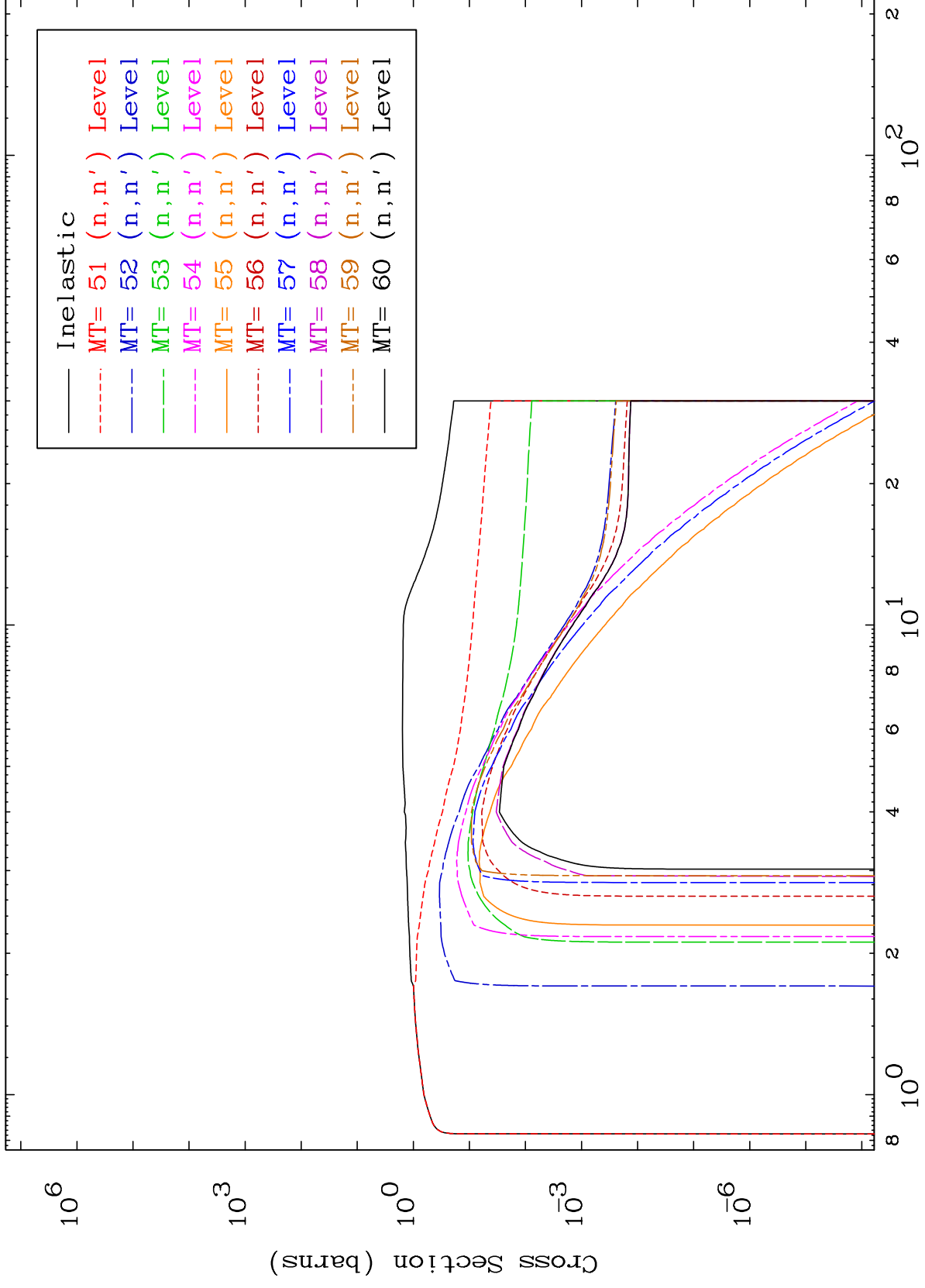
26-Fe-58

MAT 2637

(n,n') Level

26-Fe-58

293 Kelvin Cross Sections



Incident Energy (MeV)

26-Fe-58

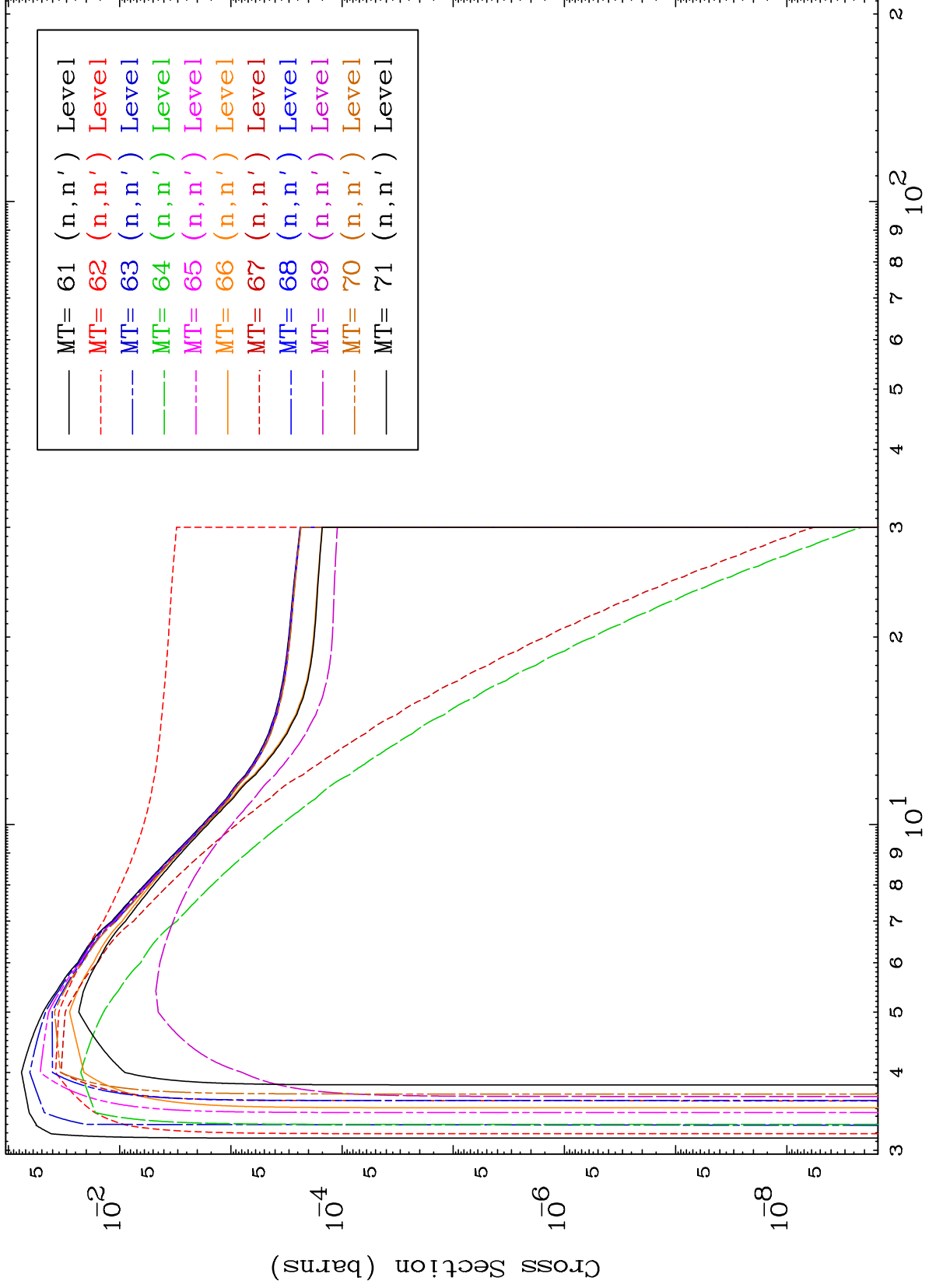
7

MAT 2637

(n,n') Level

26-Fe-58

293 Kelvin Cross Sections



Incident Energy (MeV)

26-Fe-58

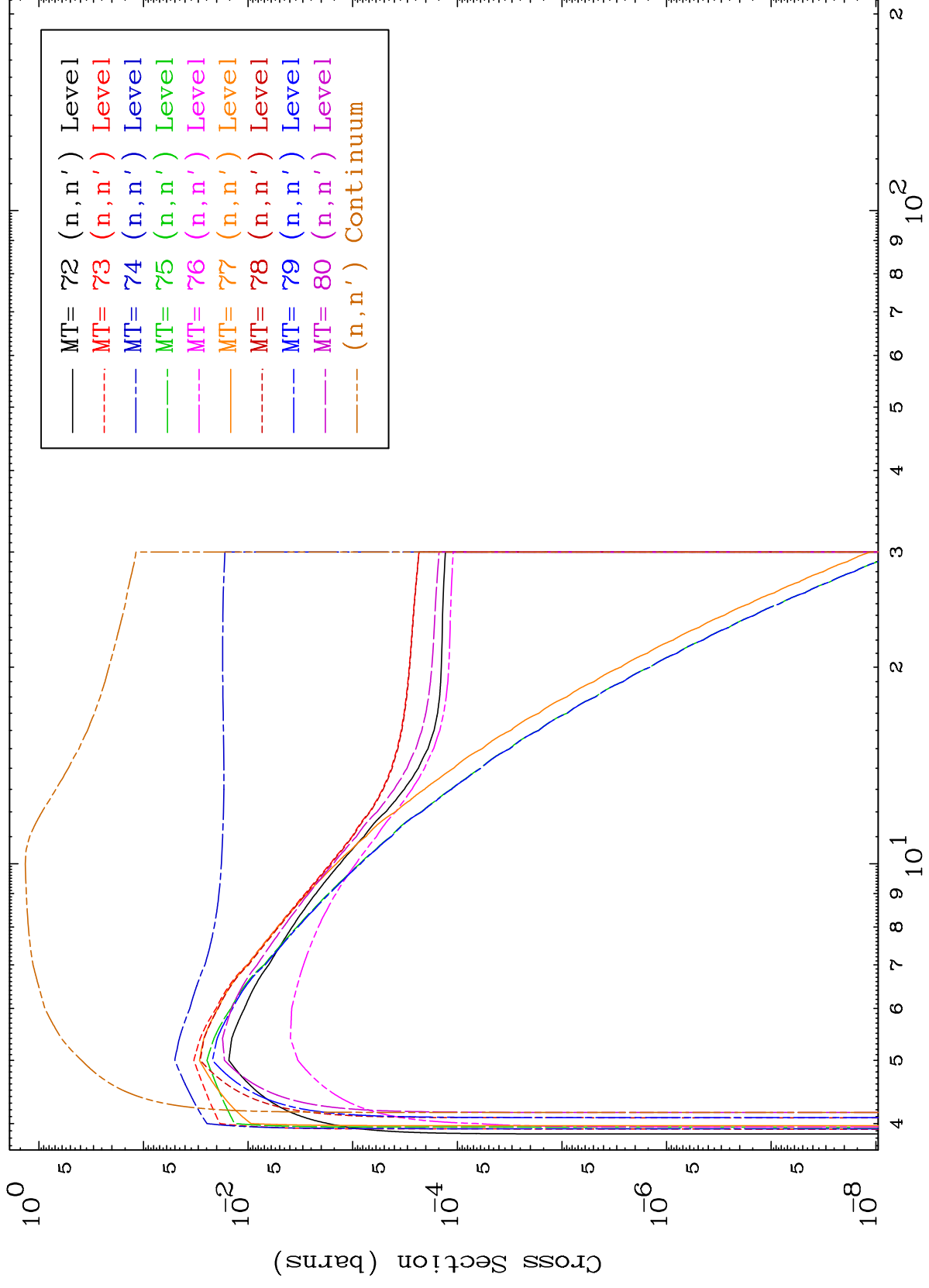
8

MAT 2637

(n,n') Level

26-Fe-58

293 Kelvin Cross Sections



9

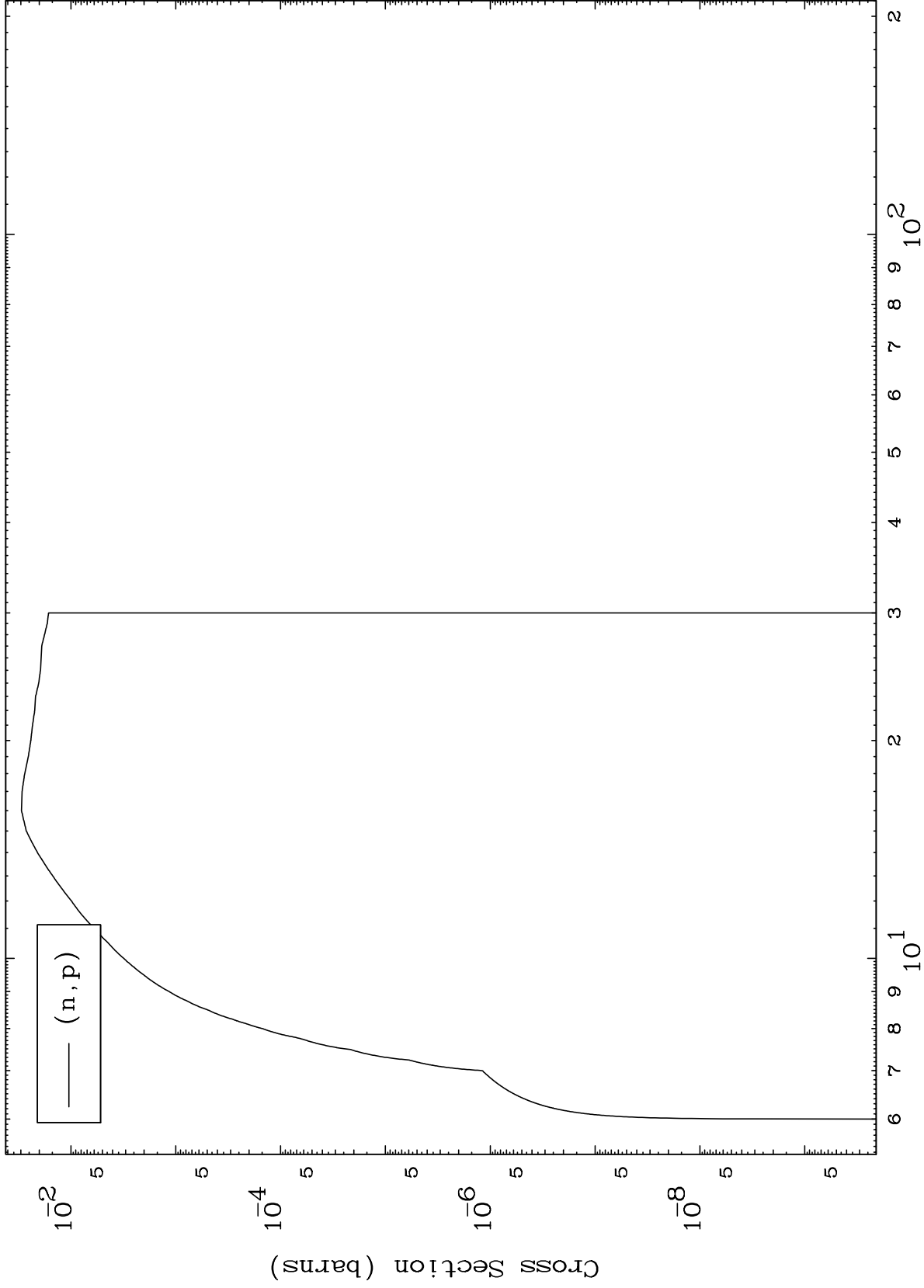
Incident Energy (MeV)

26-Fe-58

MAT 2637

(n,p) Levels
293 Kelvin Cross Sections

26-Fe-58



10

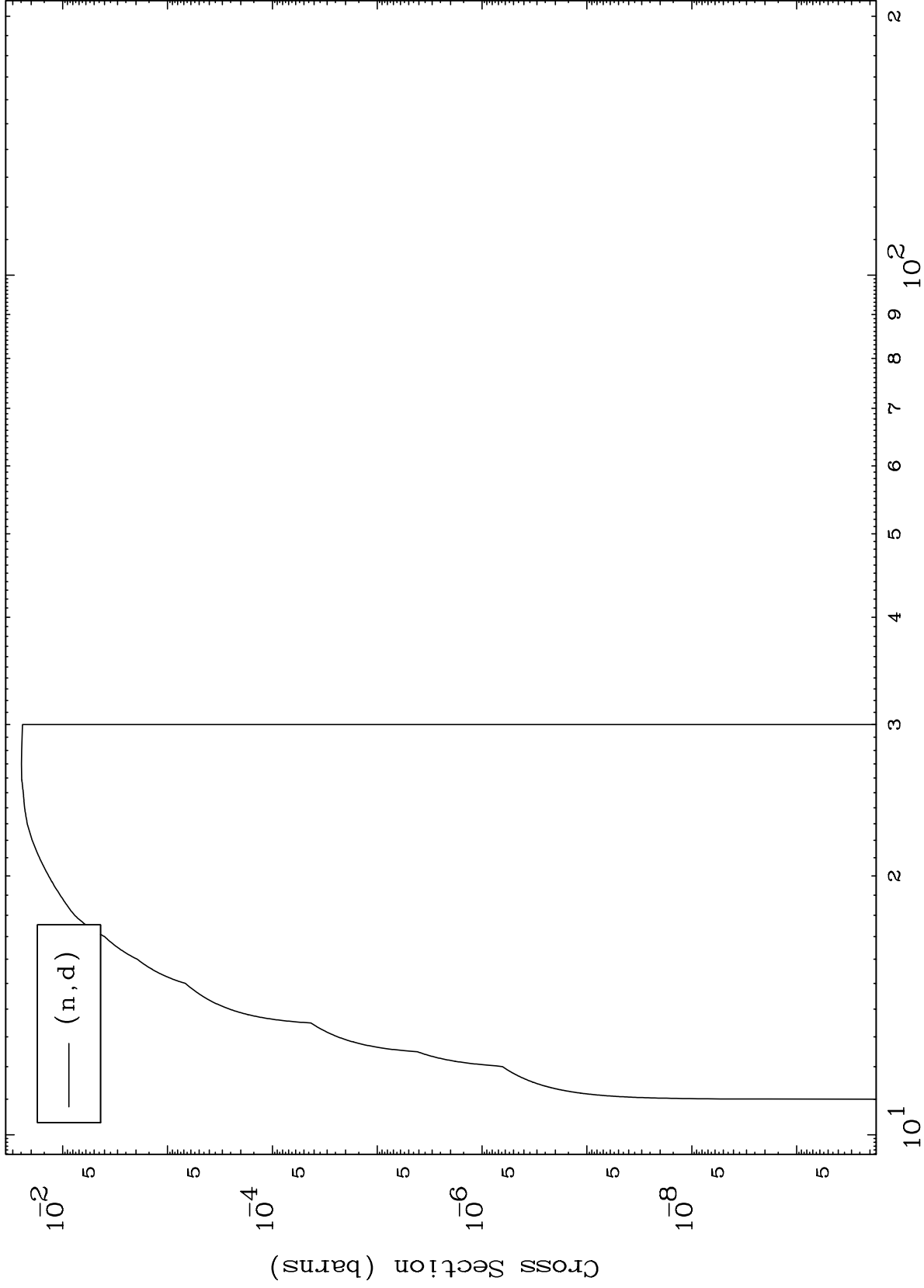
Incident Energy (MeV)

26-Fe-58

MAT 2637

(n,d) Levels
293 Kelvin Cross Sections

26-Fe-58



Incident Energy (MeV)

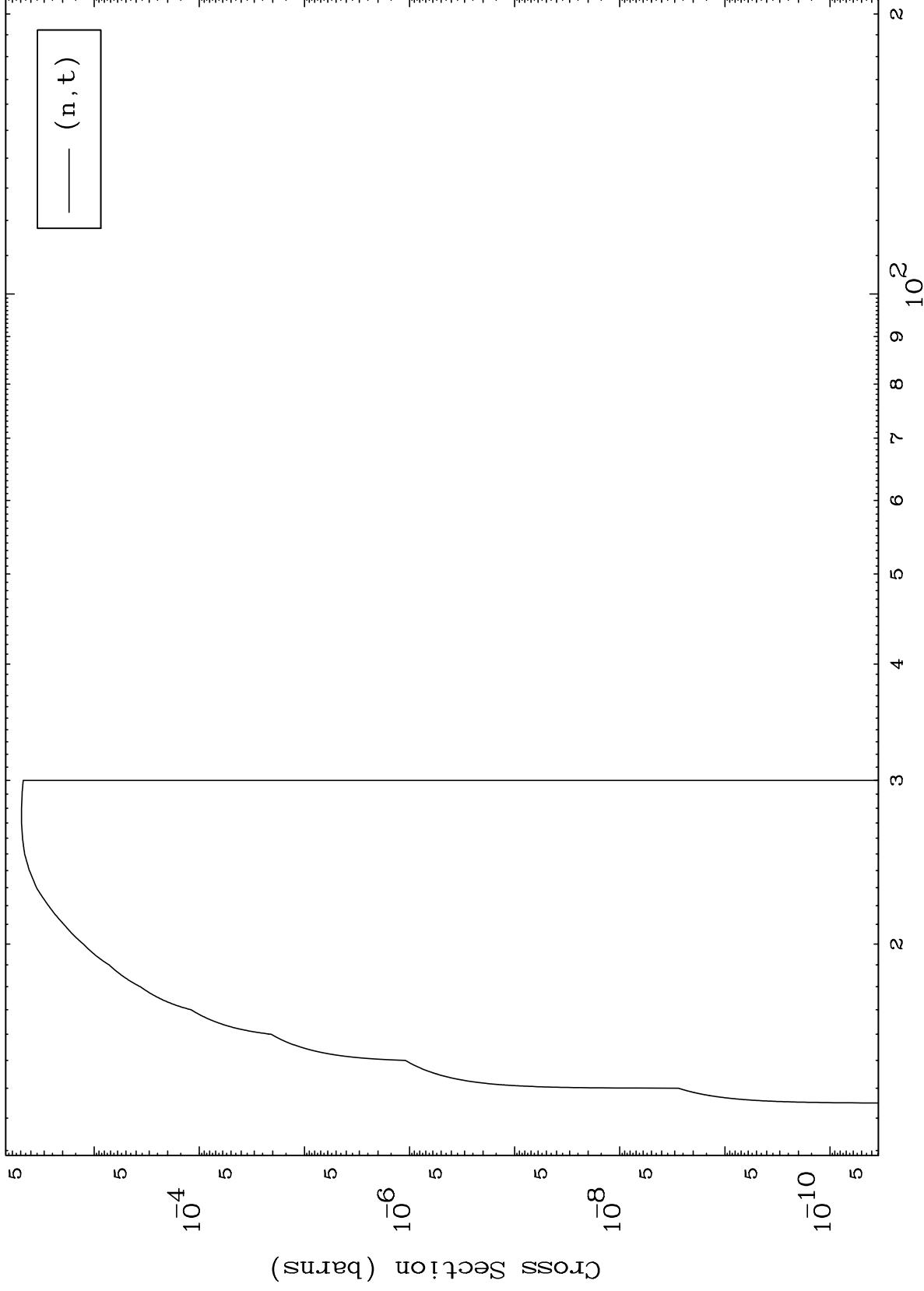
26-Fe-58

11

MAT 2637

(n,t) Levels
293 Kelvin Cross Sections

26-Fe-58



12

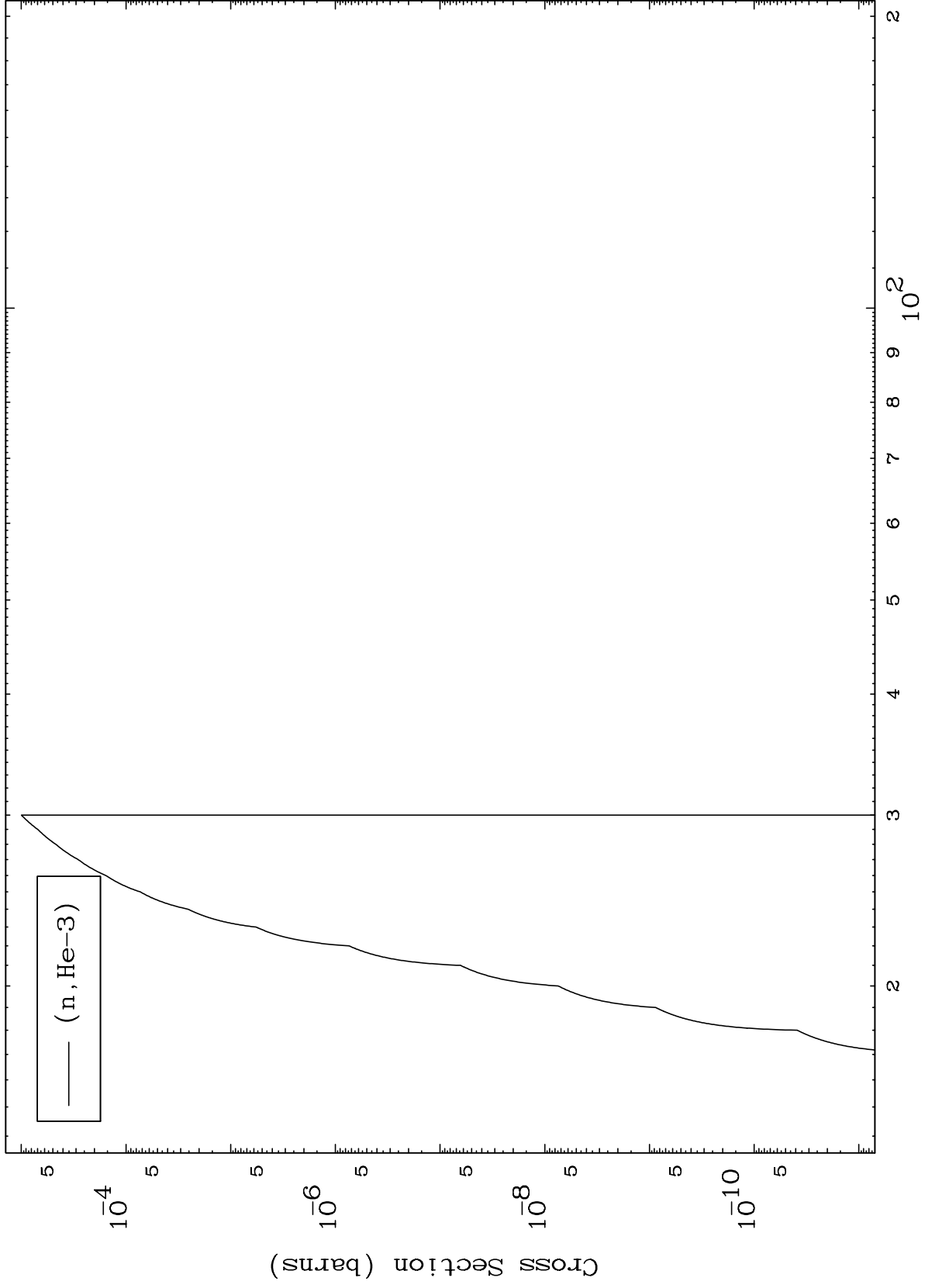
Incident Energy (MeV)

26-Fe-58

MAT 2637

(n,He3) Levels
293 Kelvin Cross Sections

26-Fe-58



13

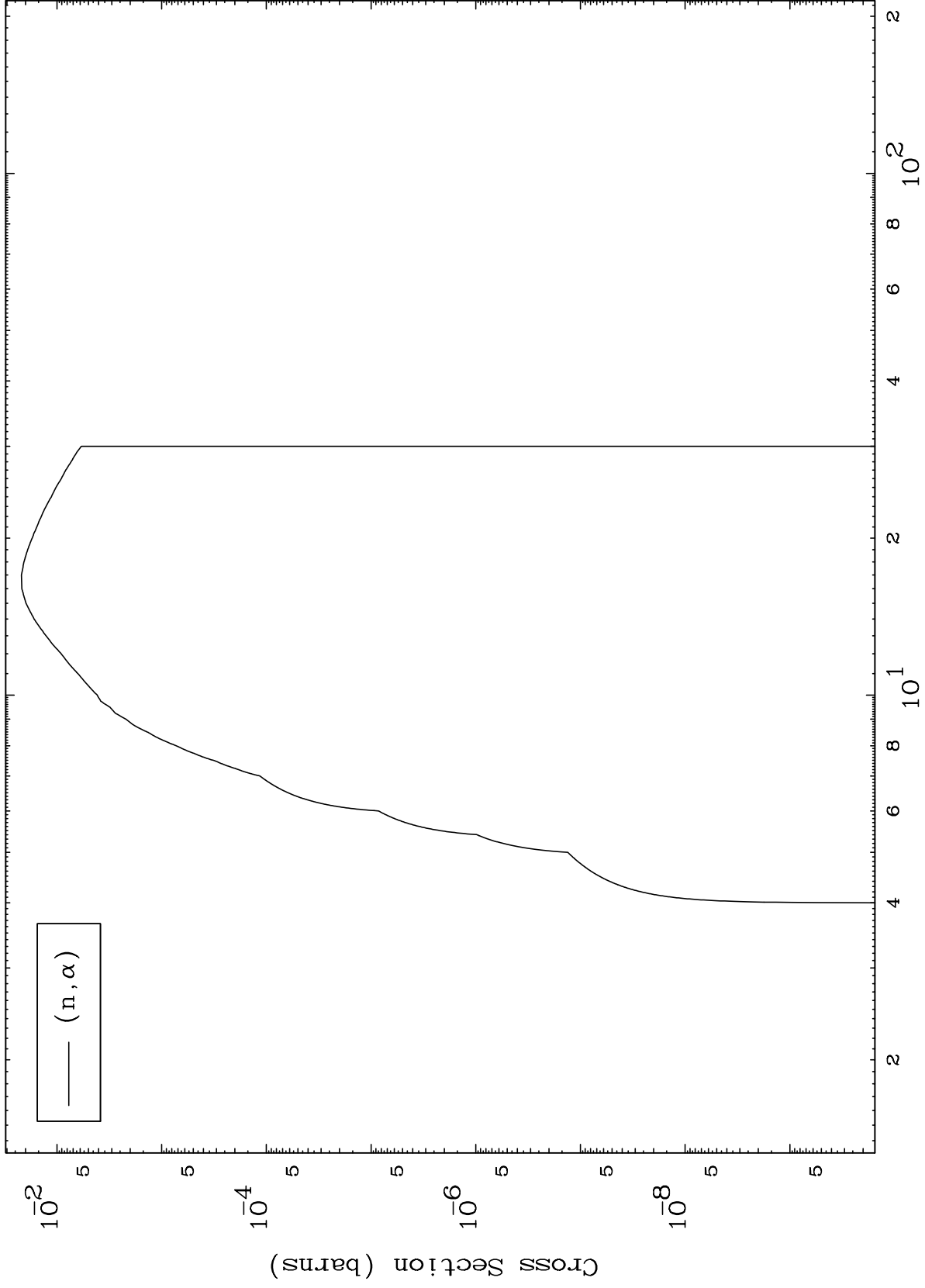
Incident Energy (MeV)

26-Fe-58

MAT 2637

(n, α) Levels
293 Kelvin Cross Sections

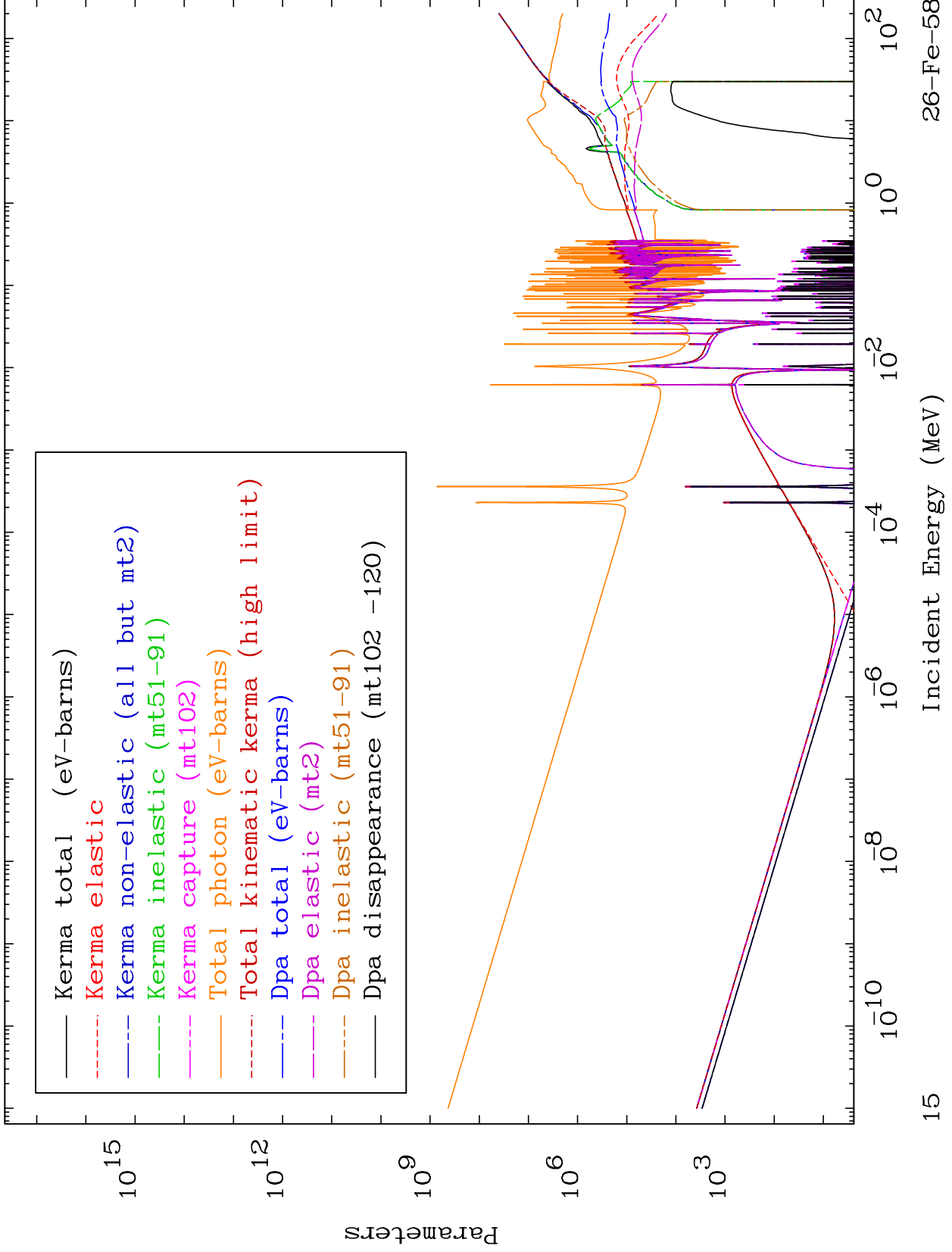
26-Fe-58



14

Incident Energy (MeV)

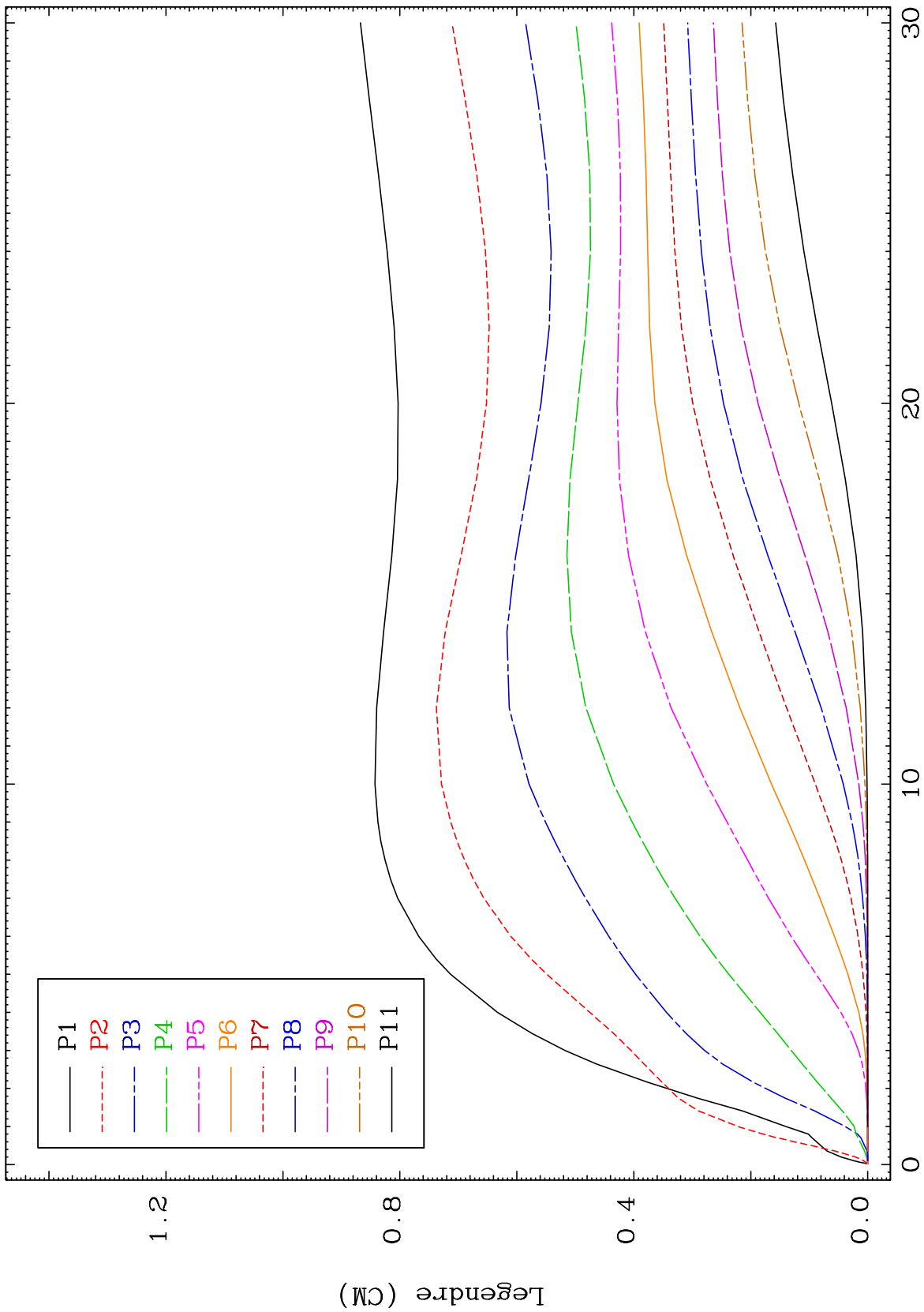
26-Fe-58



MAT 2637

Elastic Legendre Coefficients

²⁶Fe-58



16

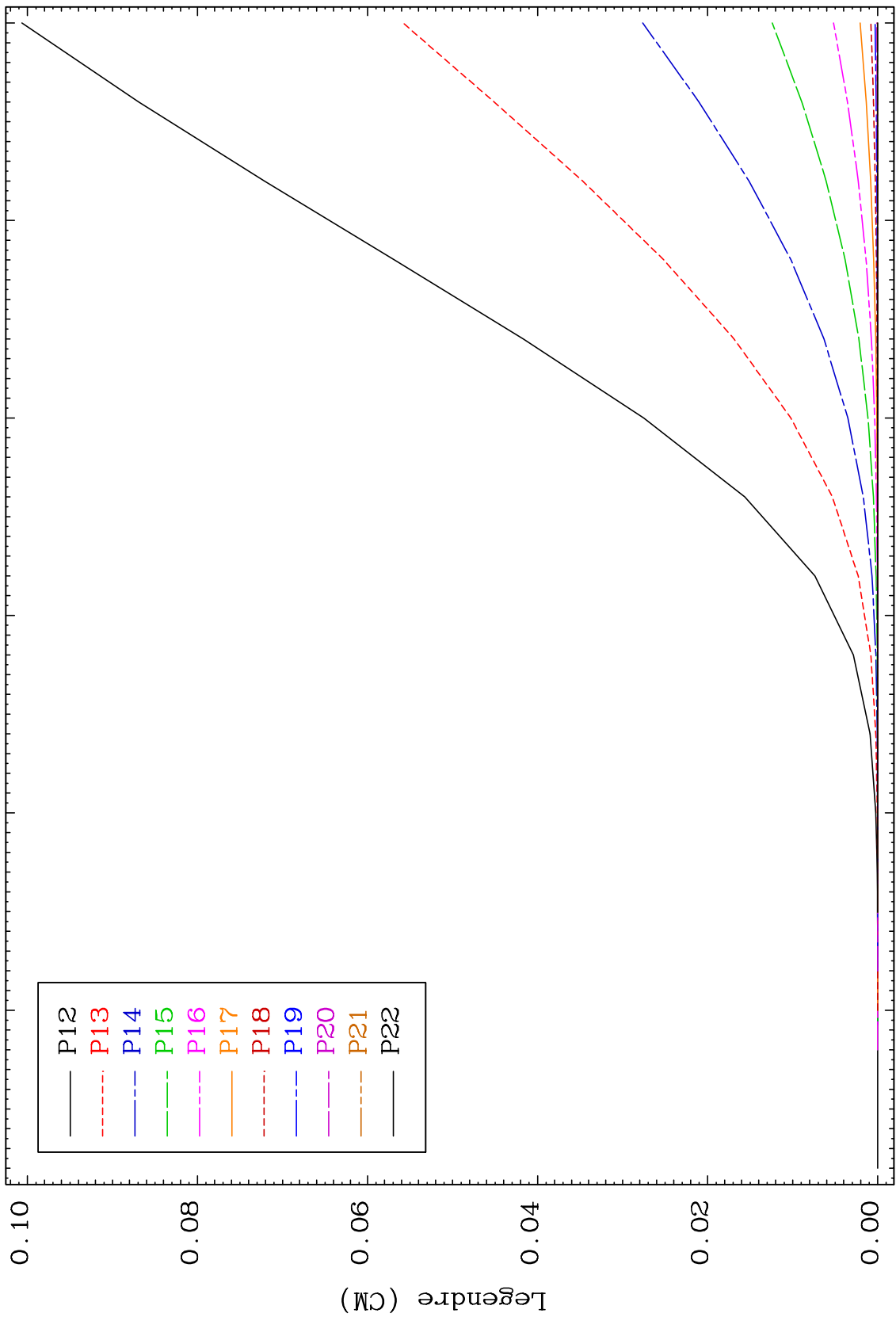
Incident Energy (MeV)

²⁶Fe-58

MAT 2637

Elastic
Legendre Coefficients

26-Fe-58



17

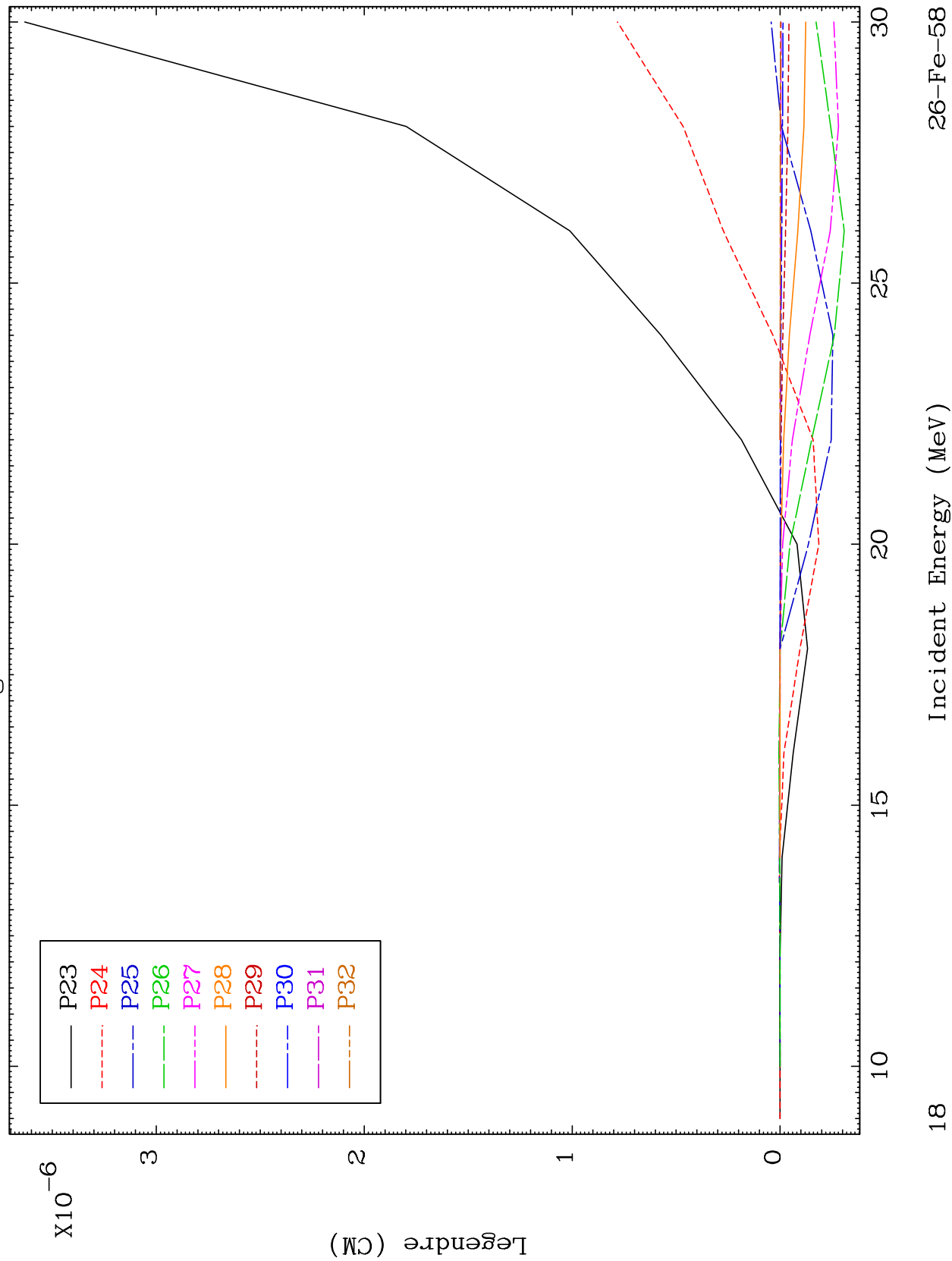
26-Fe-58

Incident Energy (MeV)

MAT 2637

Elastic Legendre Coefficients

26-Fe-58



18

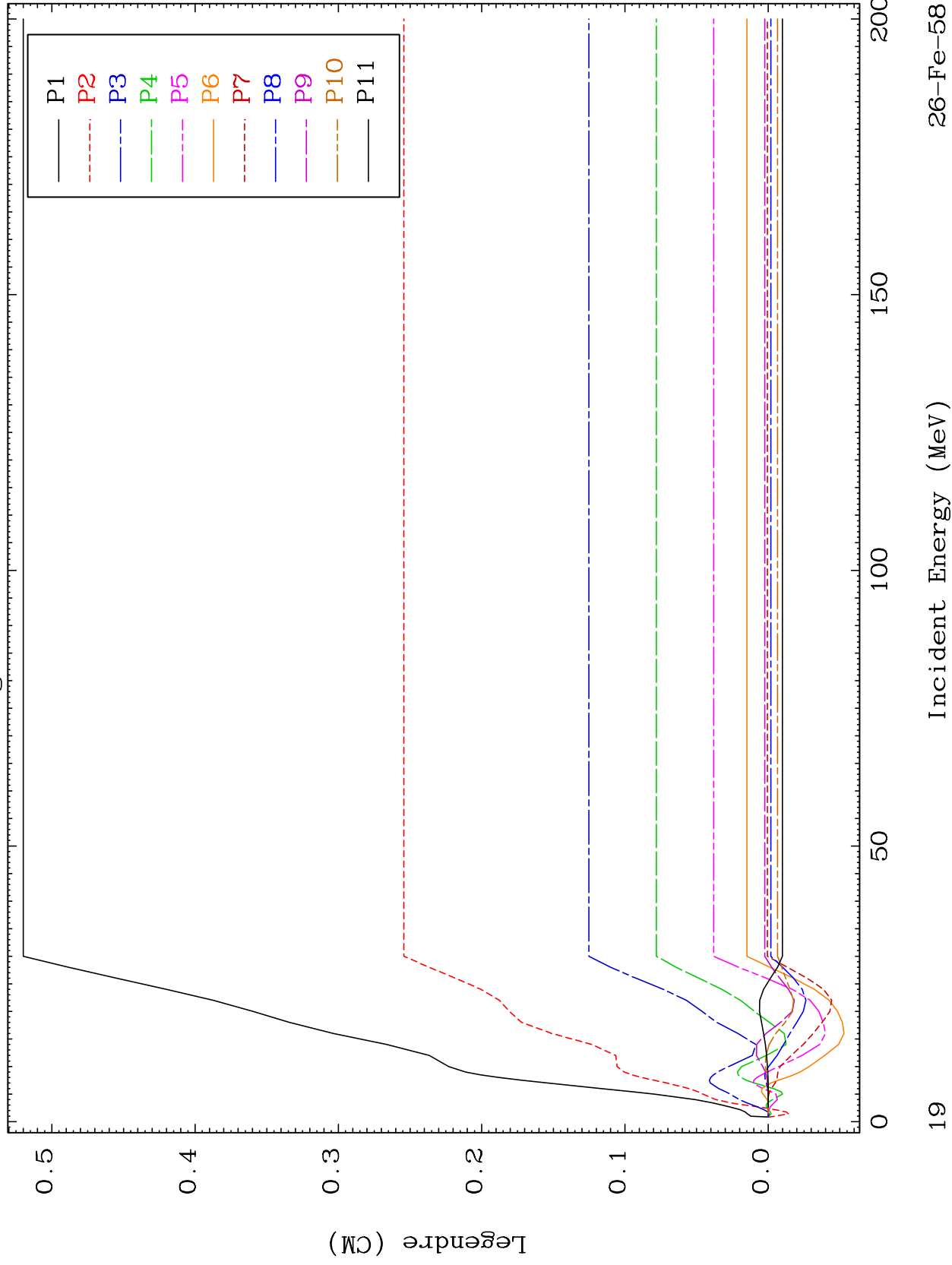
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

26-Fe-58



26-Fe-58

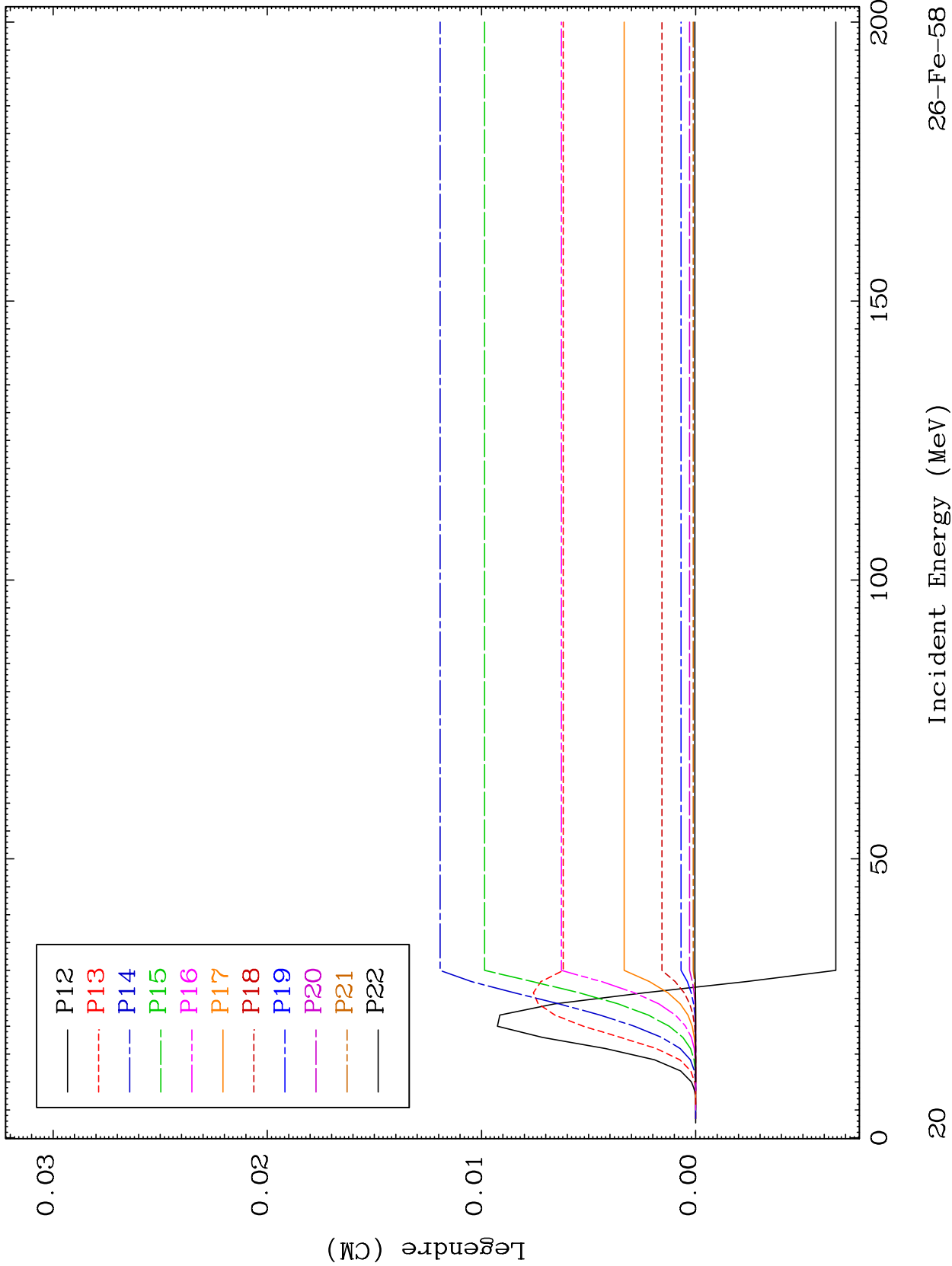
Incident Energy (MeV)

19

MAT 2637

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

26-Fe-58



26-Fe-58

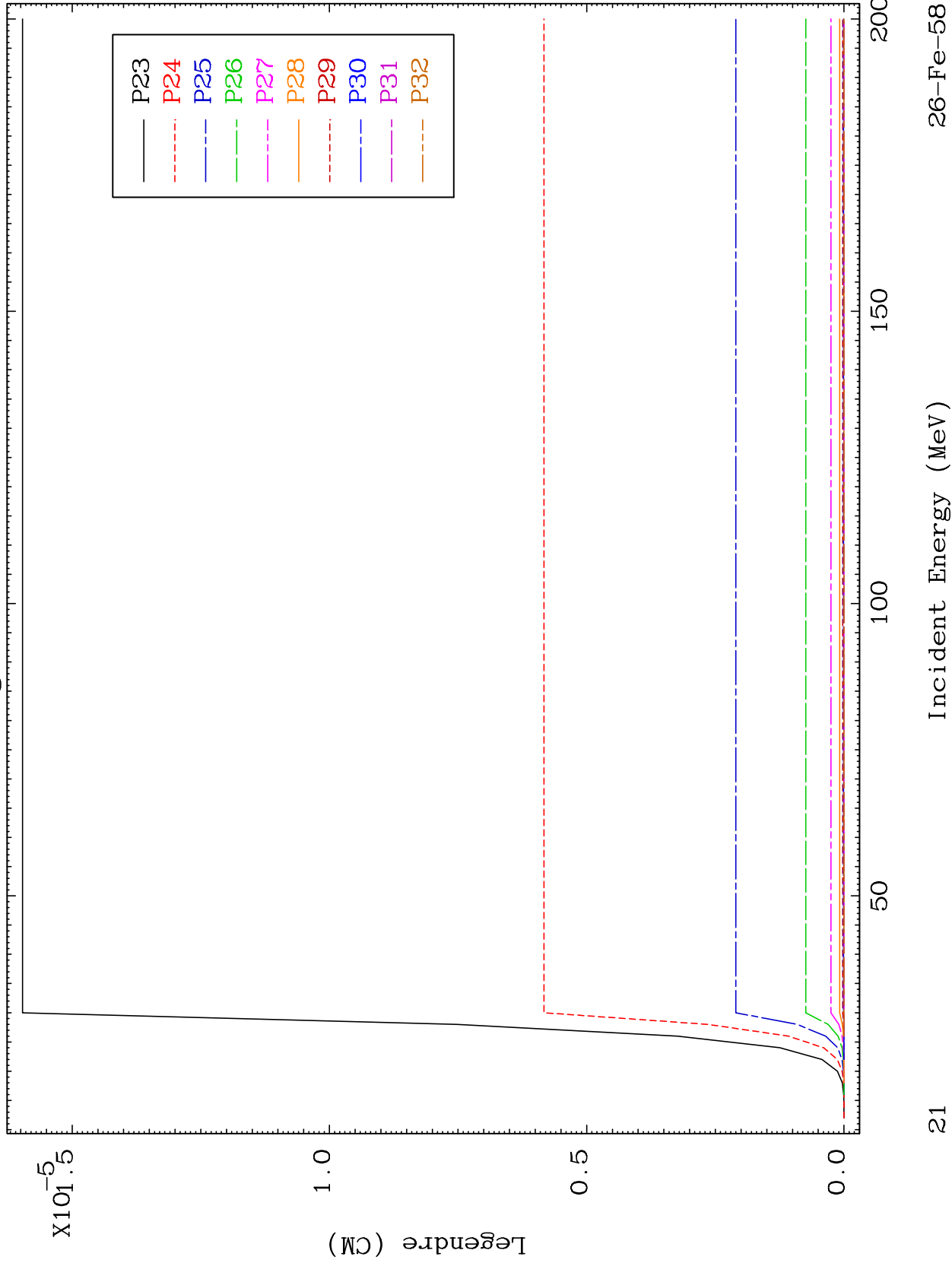
Incident Energy (MeV)

20

MAT 2637

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

26-Fe-58



21

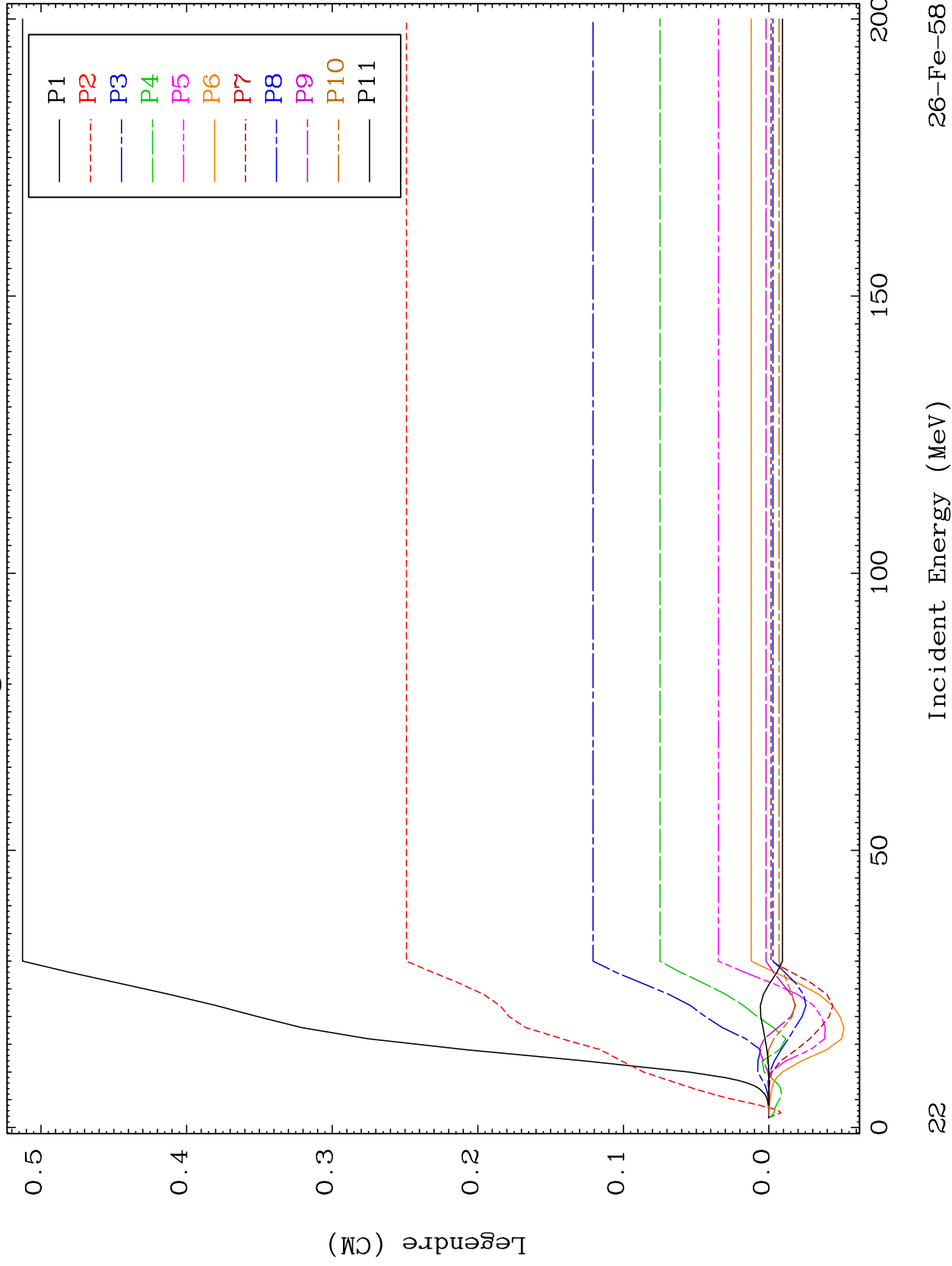
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

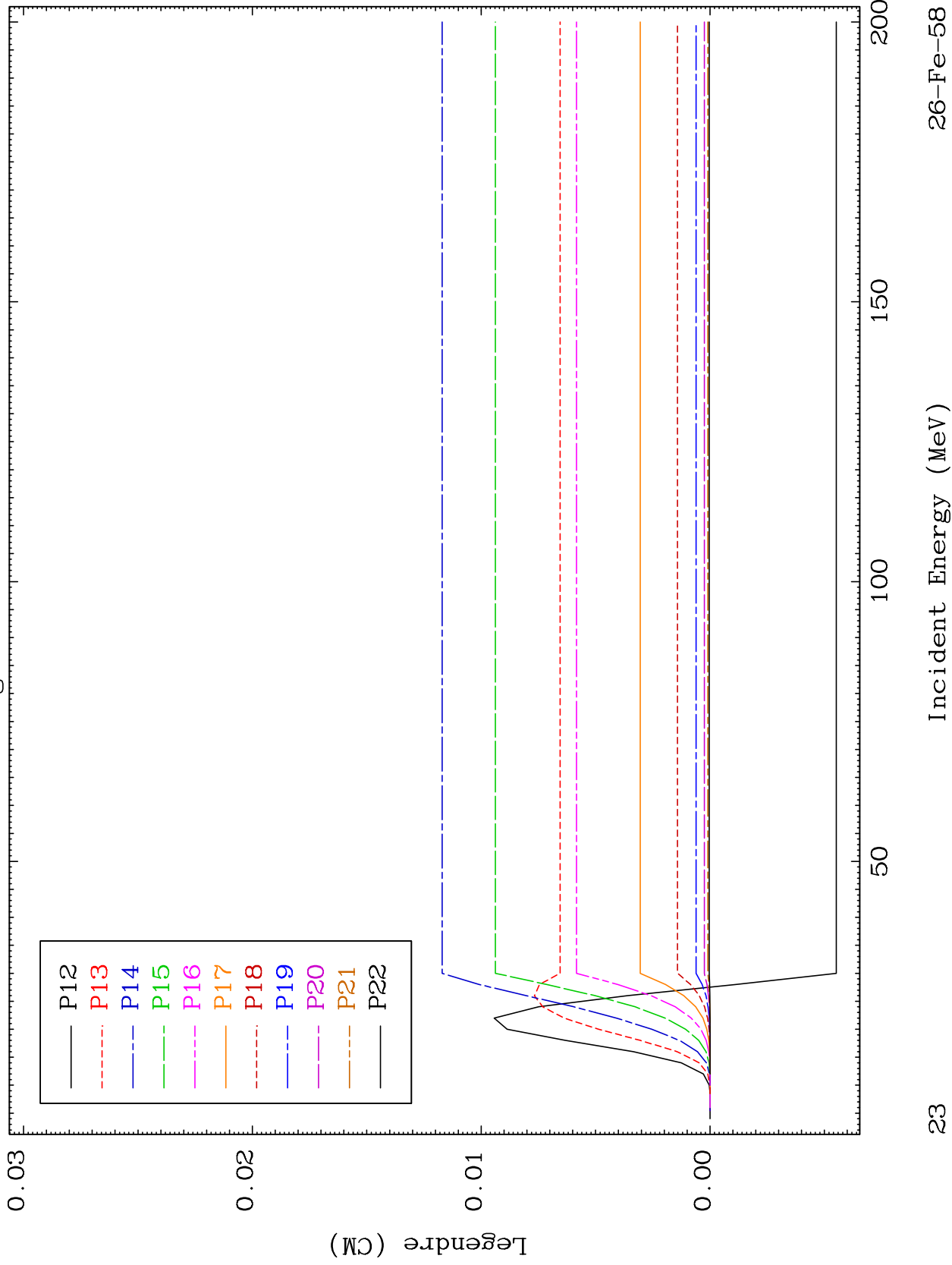
26-Fe-58



26-Fe-58

Incident Energy (MeV)

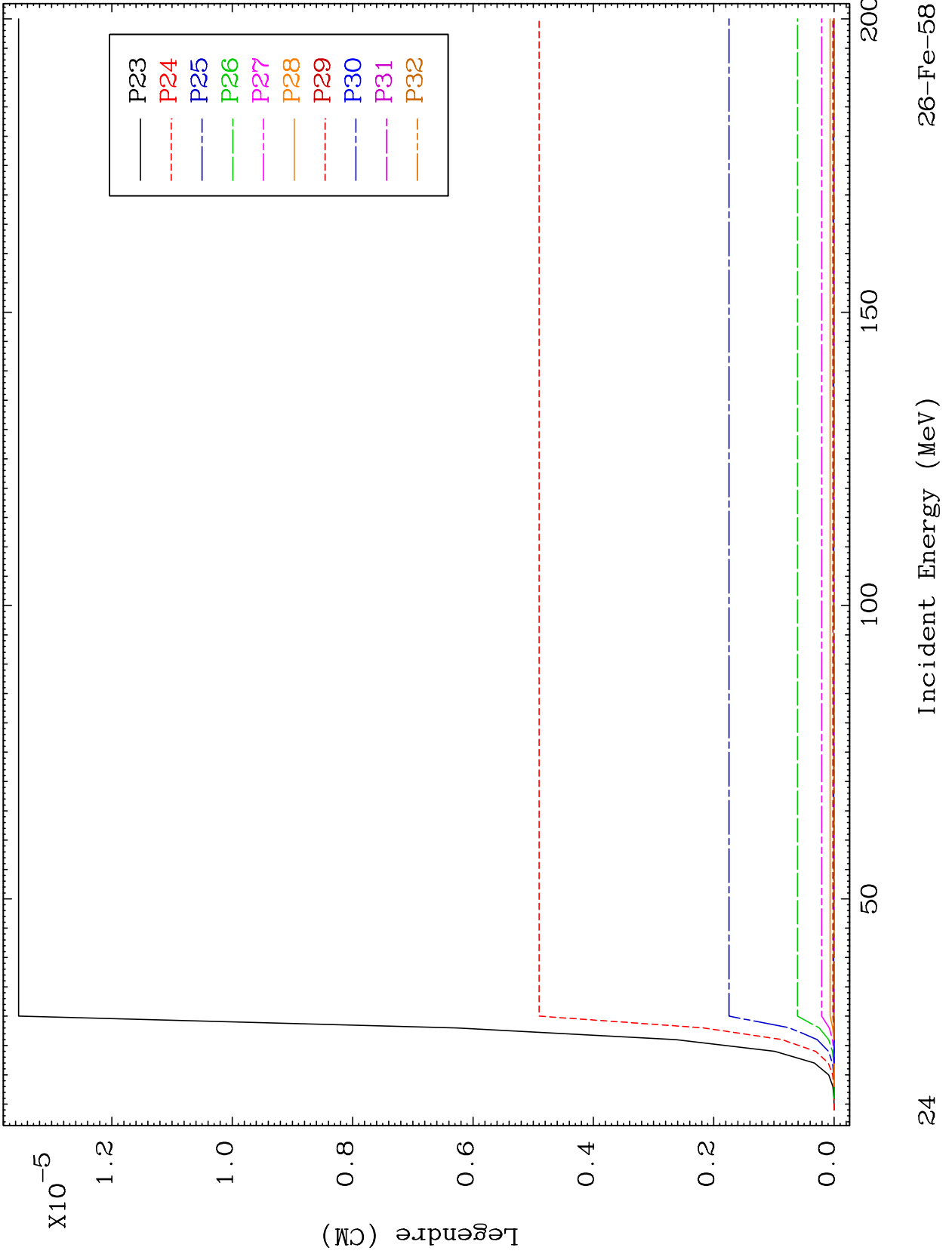
22



MAT 2637

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

26-Fe-58



24

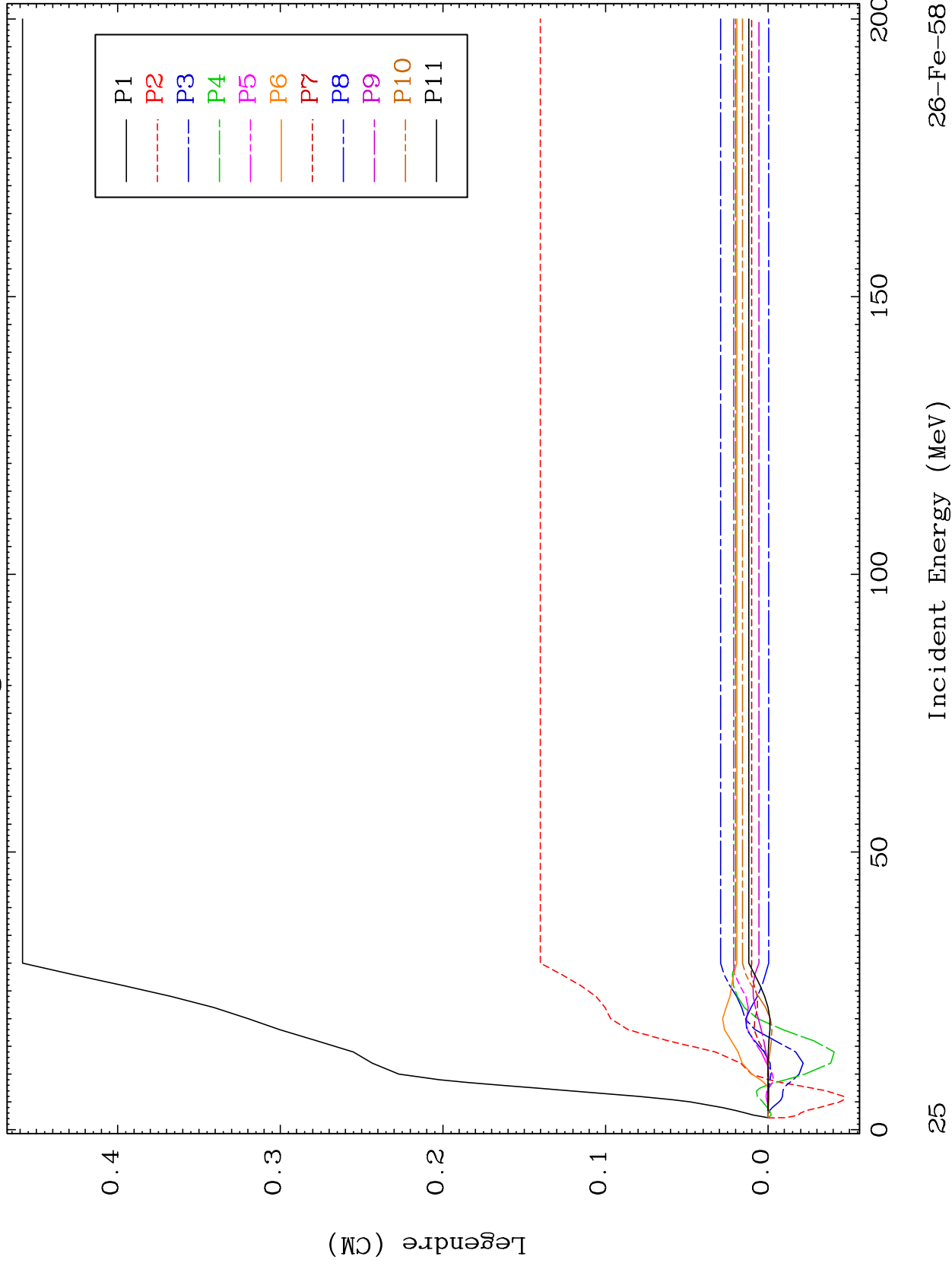
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

26-Fe-58



26-Fe-58

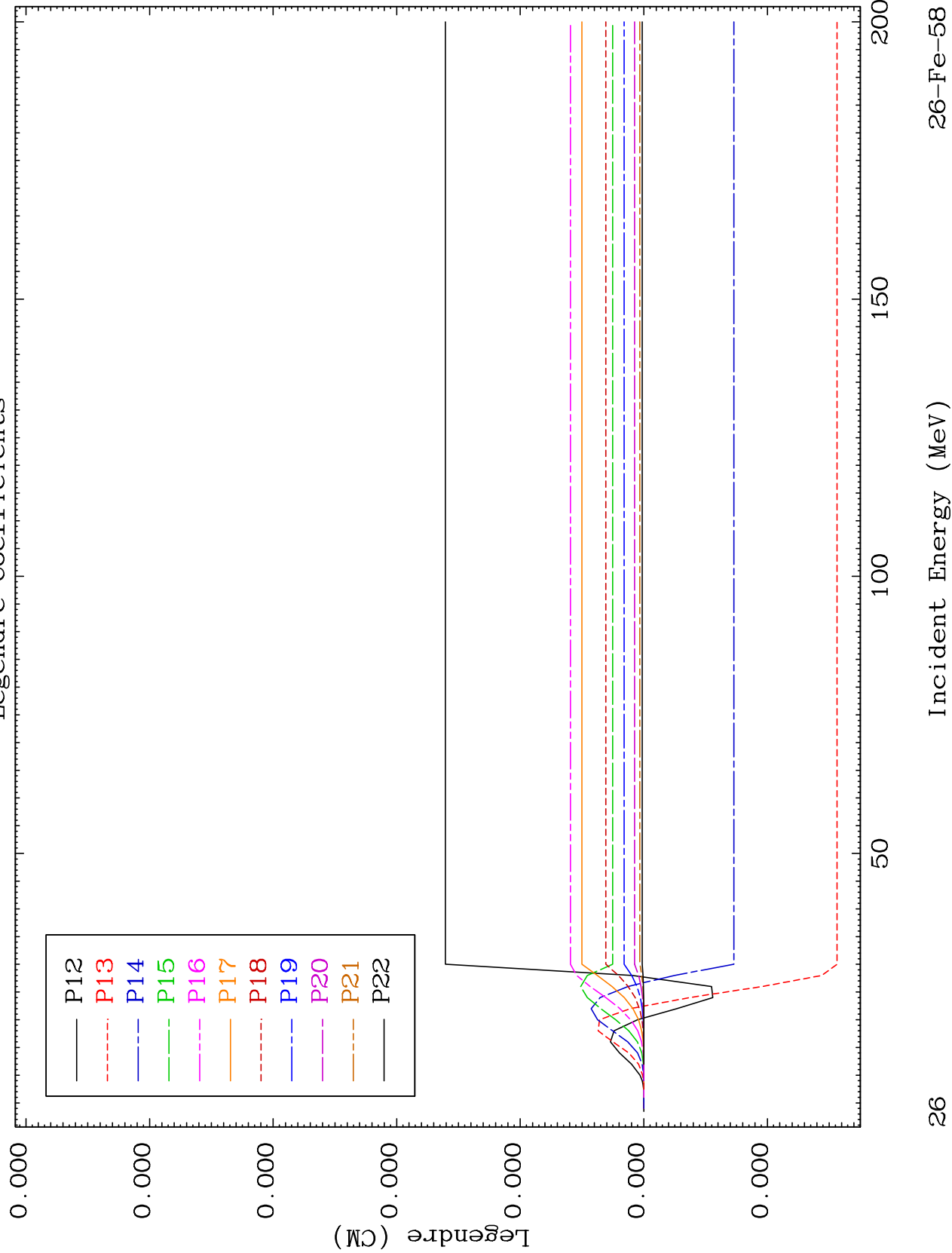
Incident Energy (MeV)

25

MAT 2637

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

26-Fe-58



26

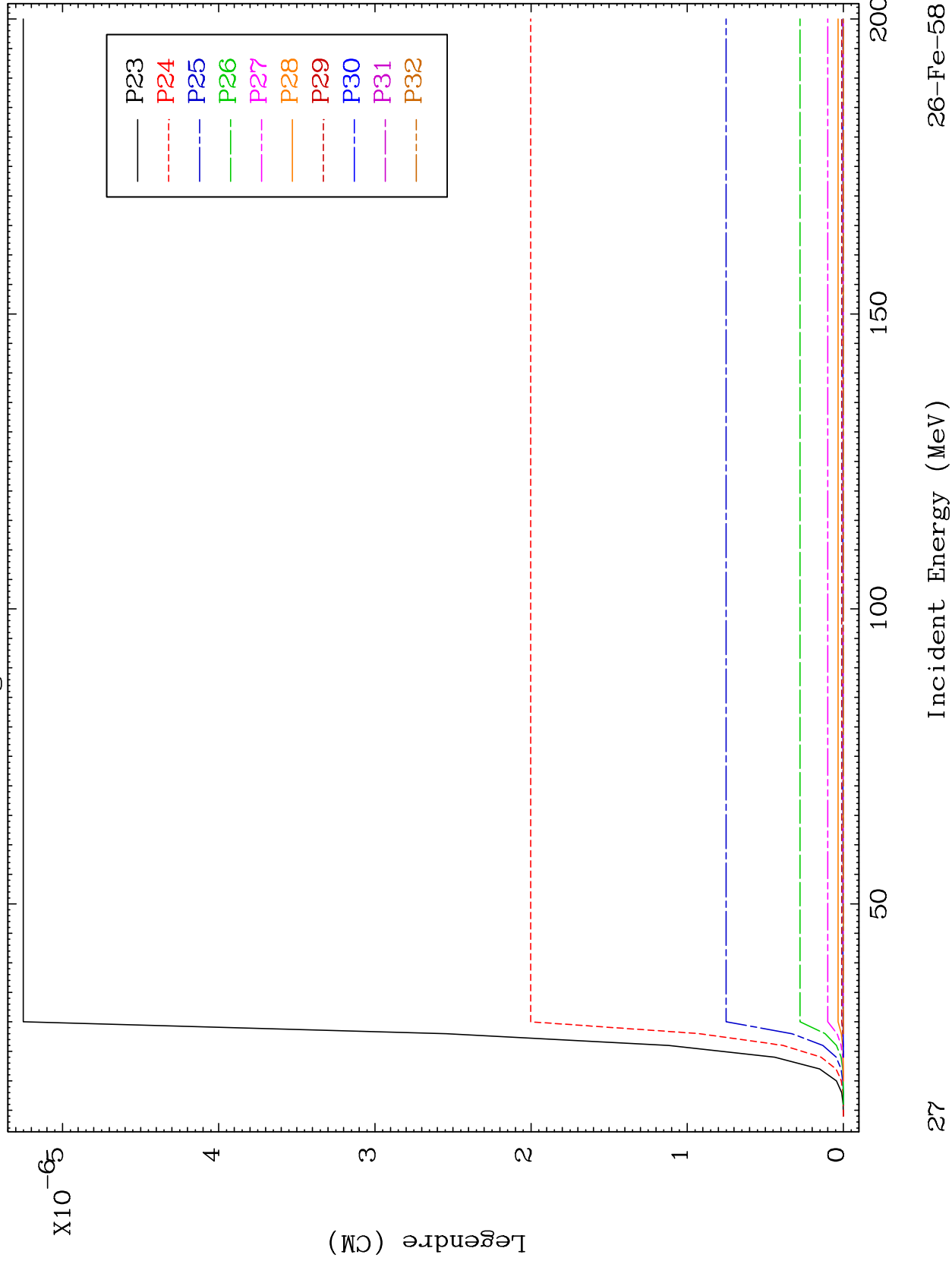
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

26-Fe-58



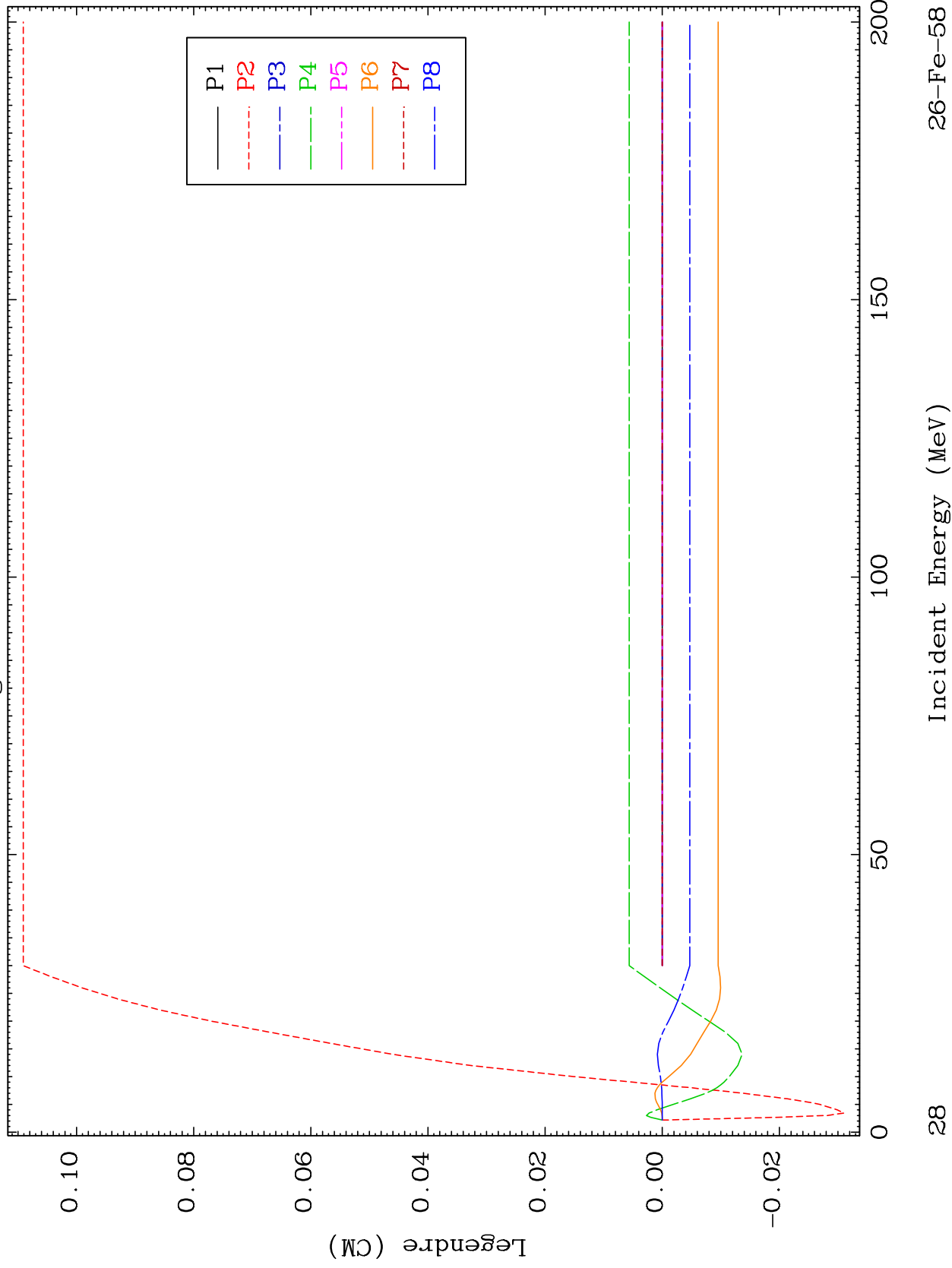
27

26-Fe-58

MAT 2637

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

26-Fe-58



26-Fe-58

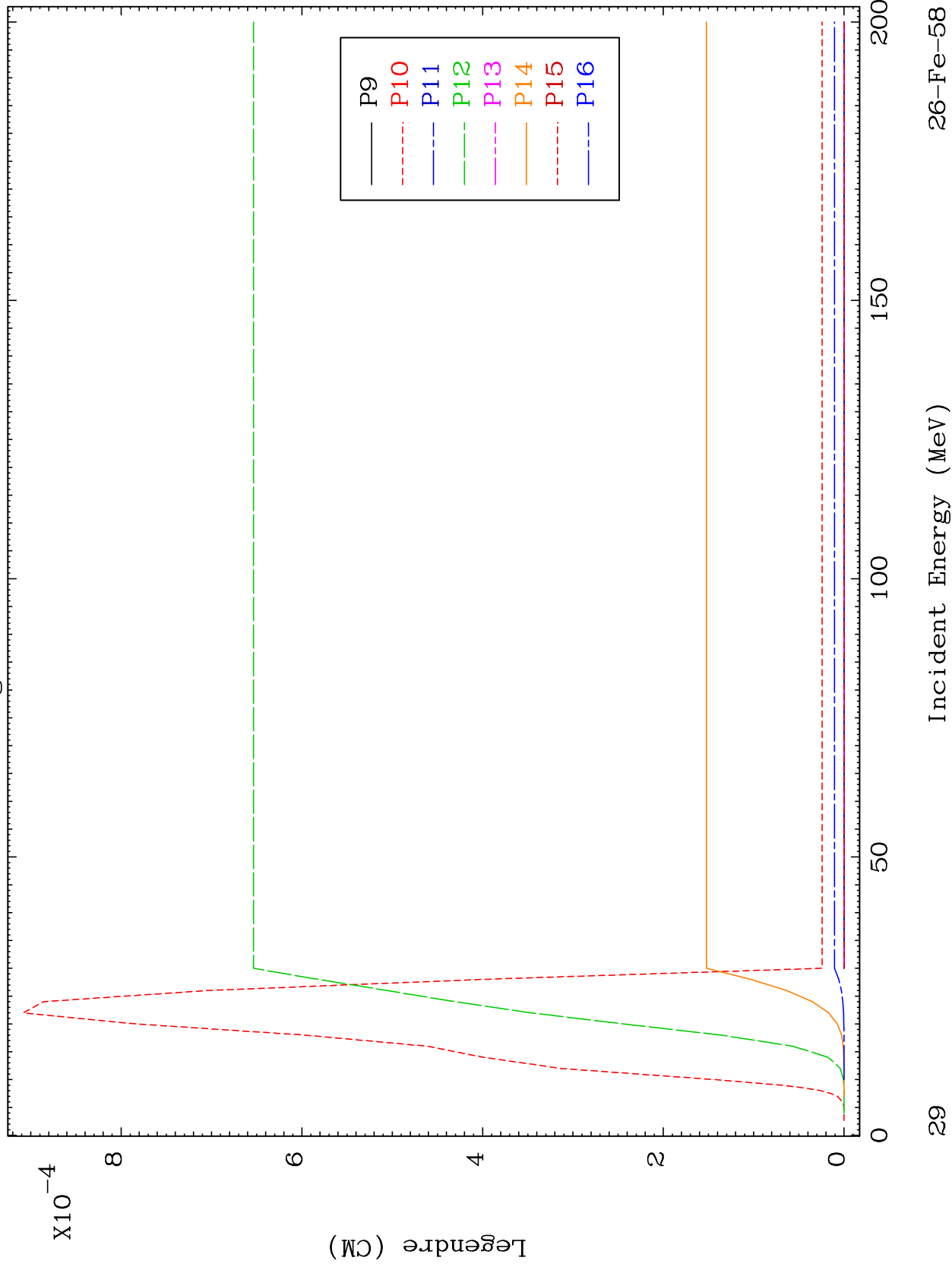
Incident Energy (MeV)

28

MAT 2637

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

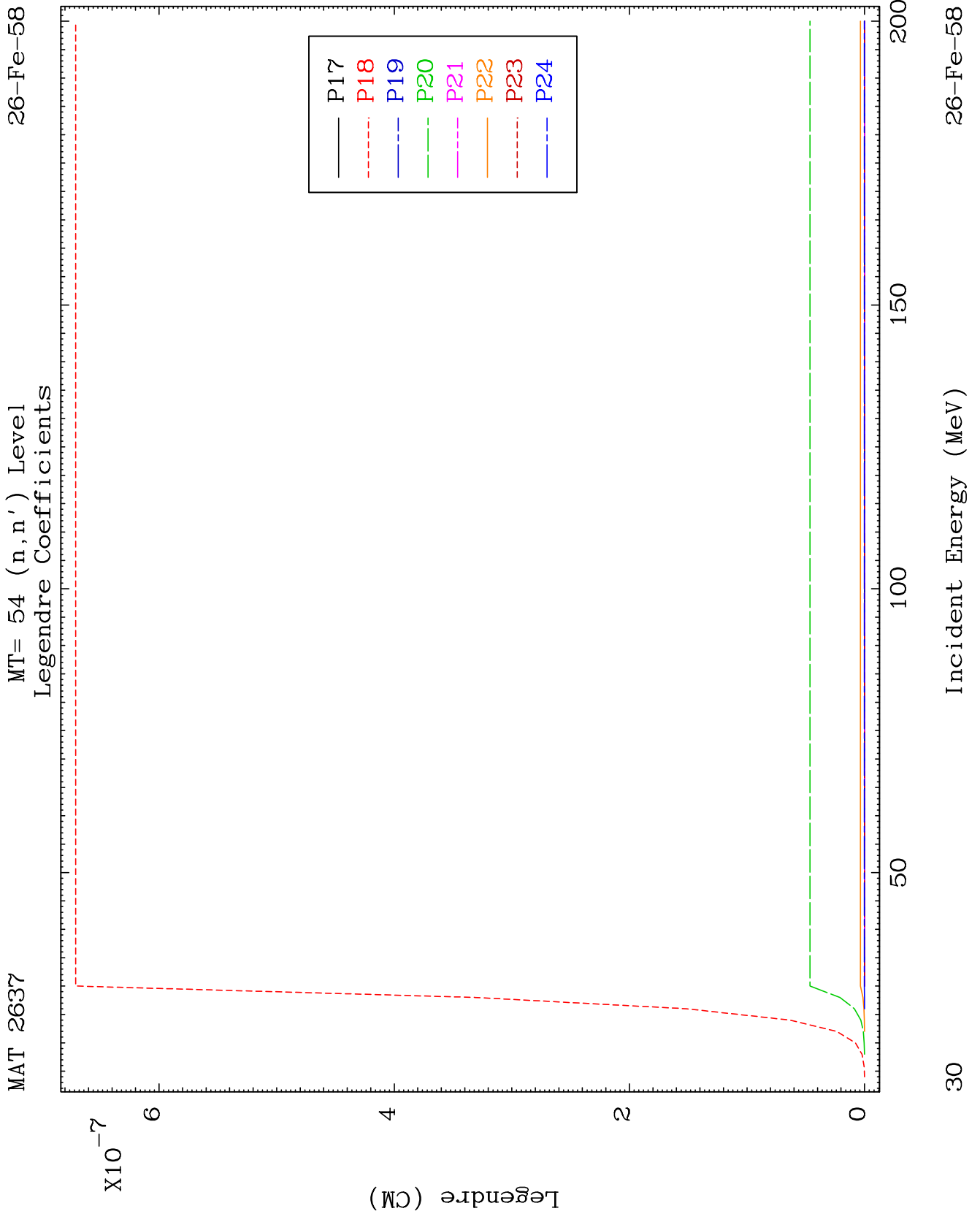
26-Fe-58

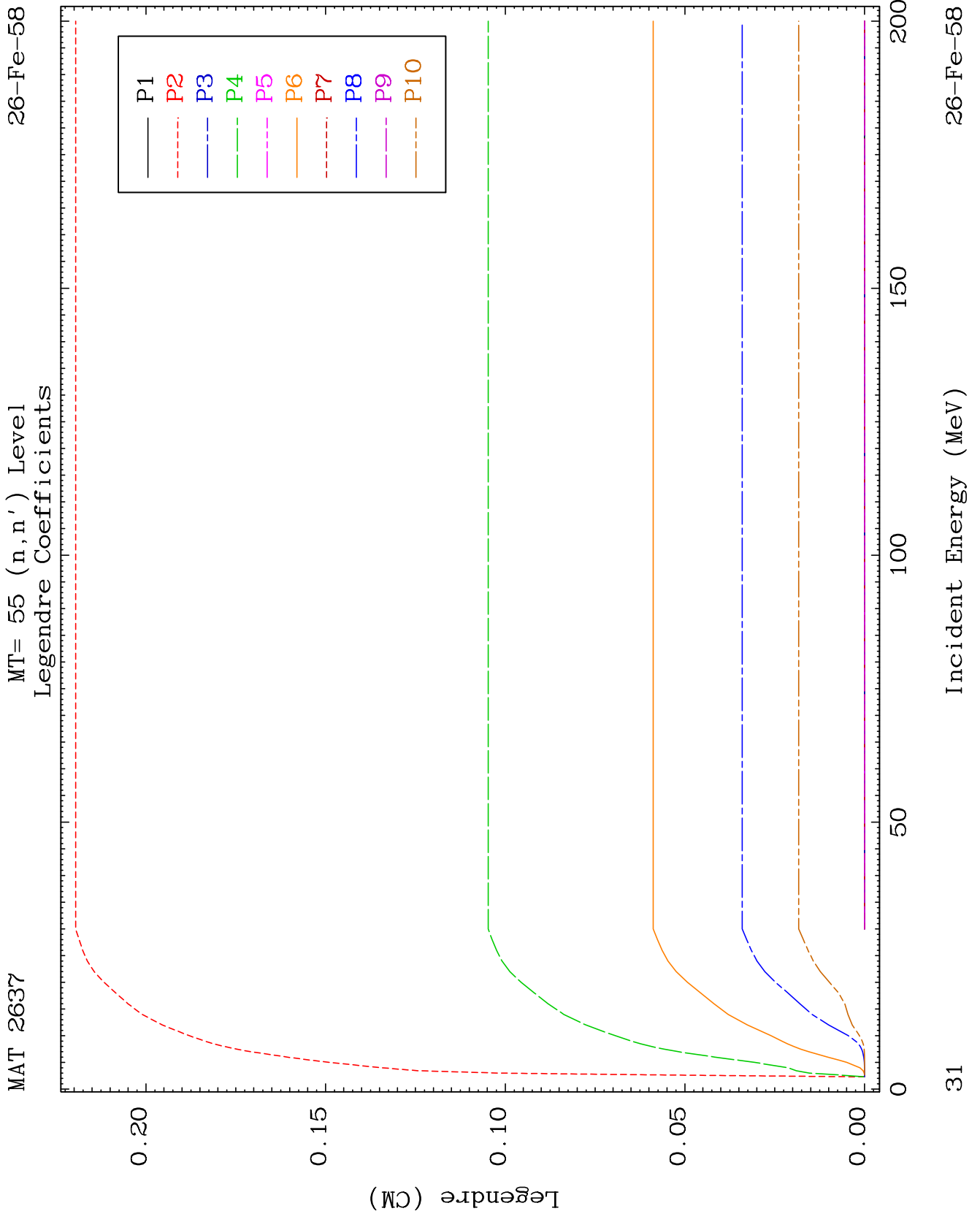


26-Fe-58

Incident Energy (MeV)

29

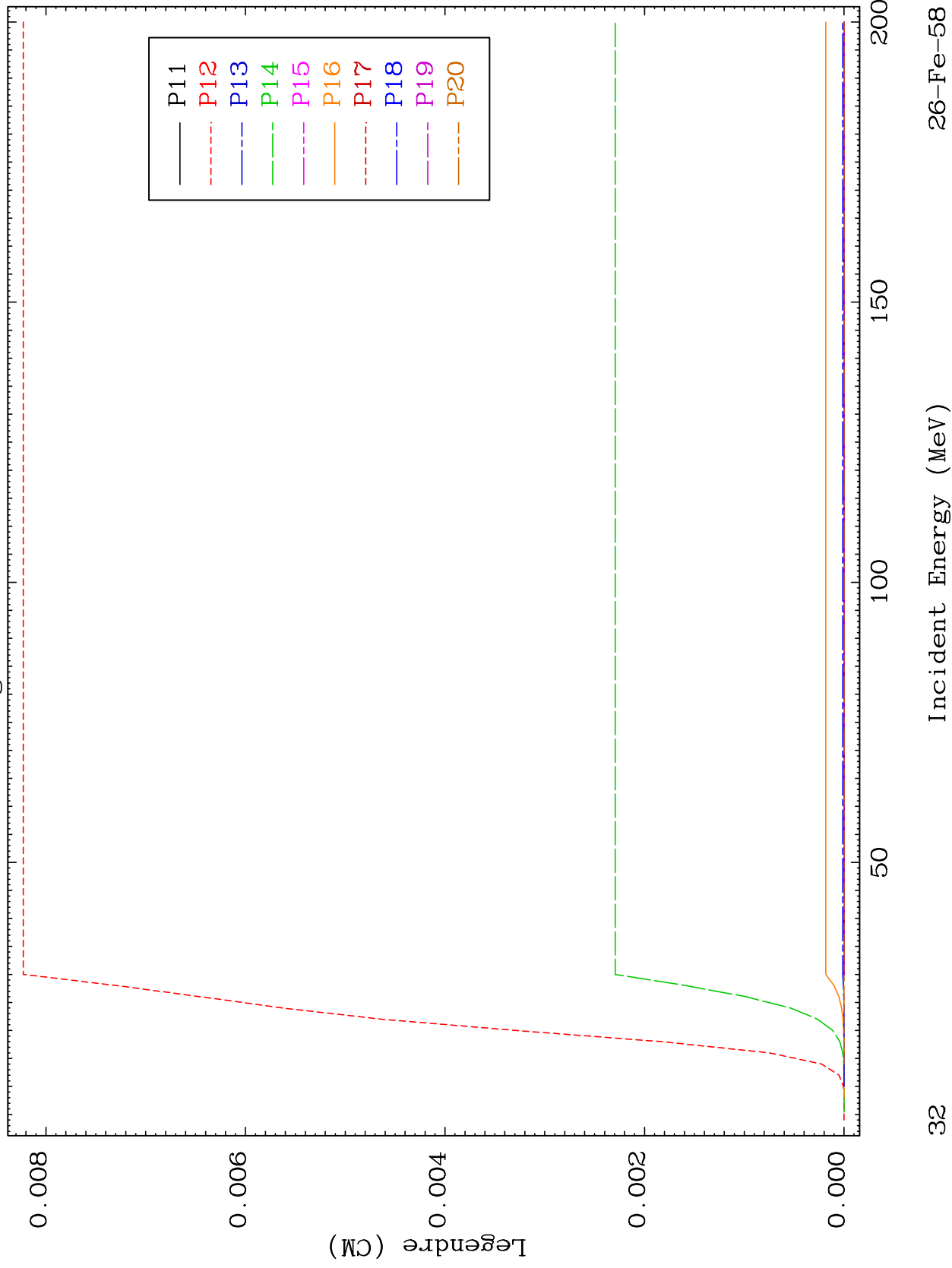




MAT 2637

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

26-Fe-58

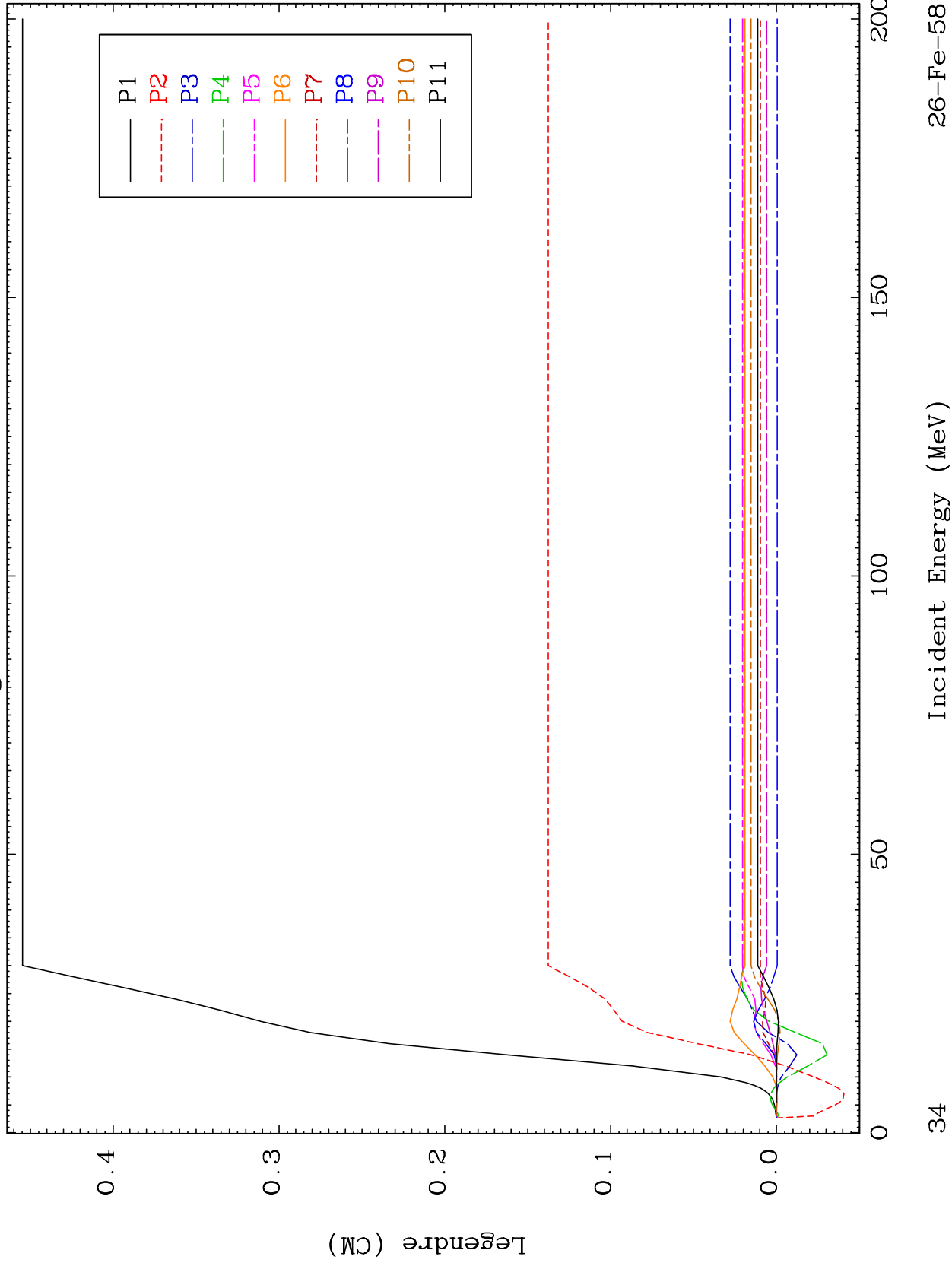


32

MAT 2637

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

26-Fe-58



26-Fe-58

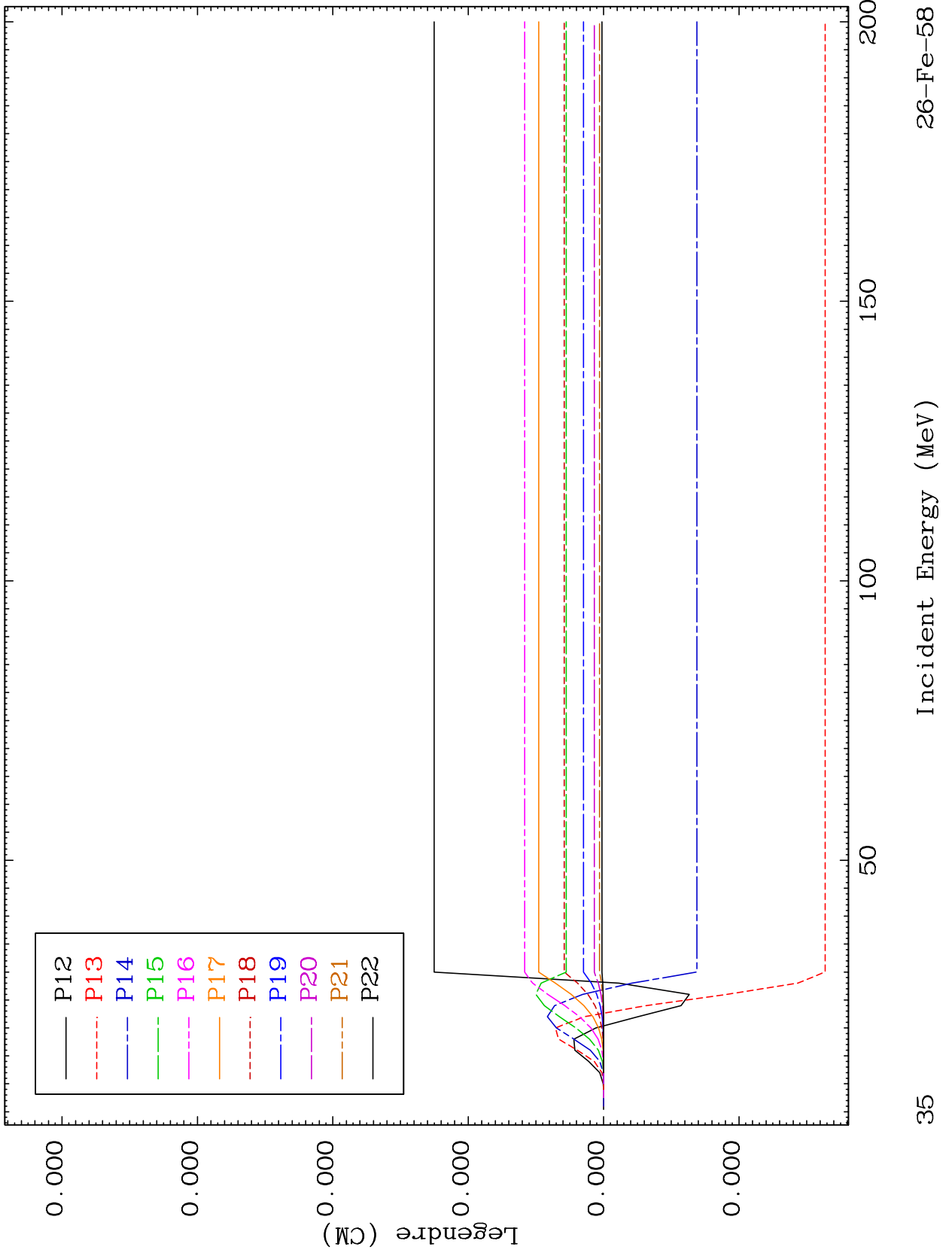
Incident Energy (MeV)

34

MAT 2637

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

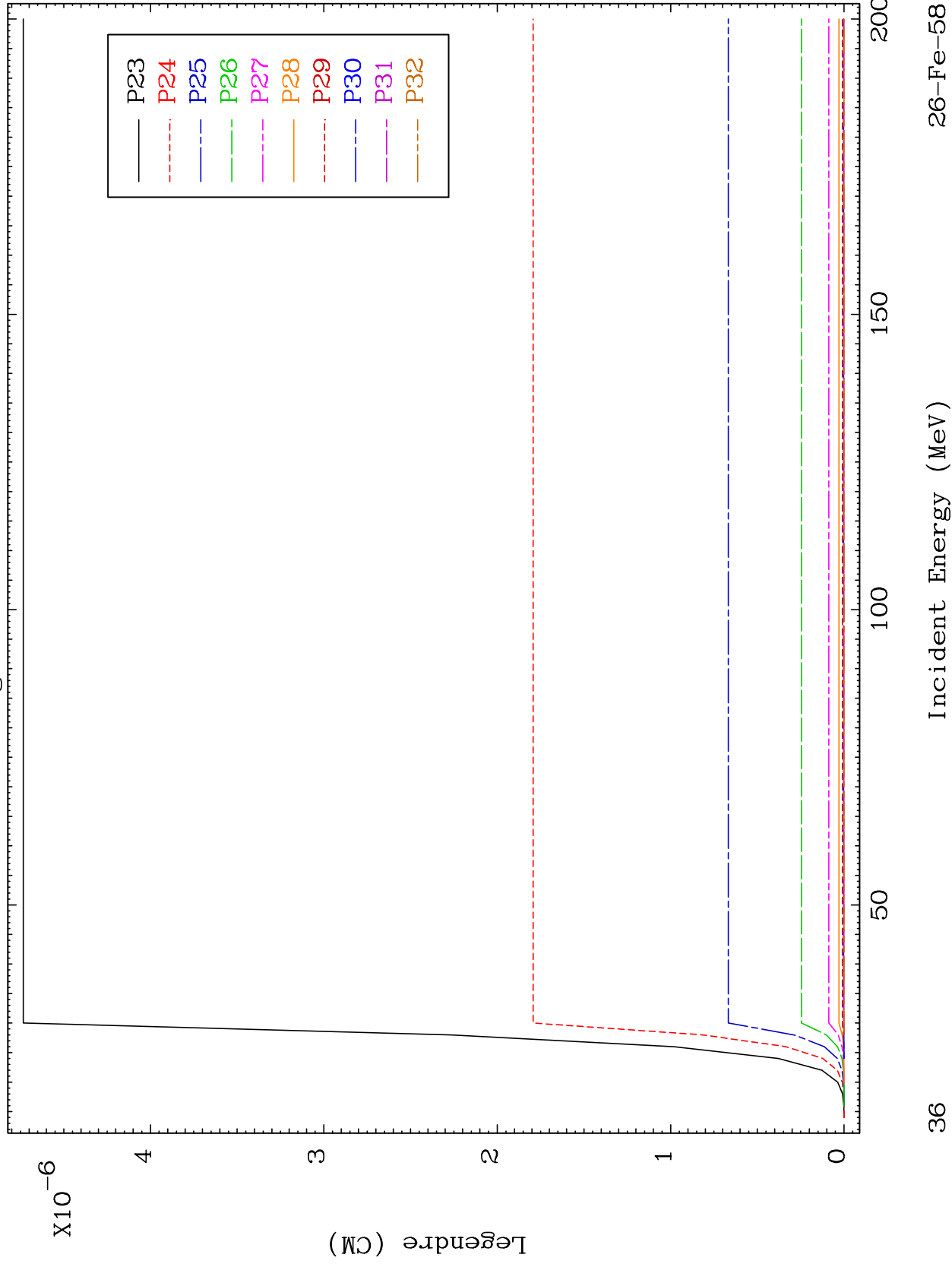
26-Fe-58



MAT 2637

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

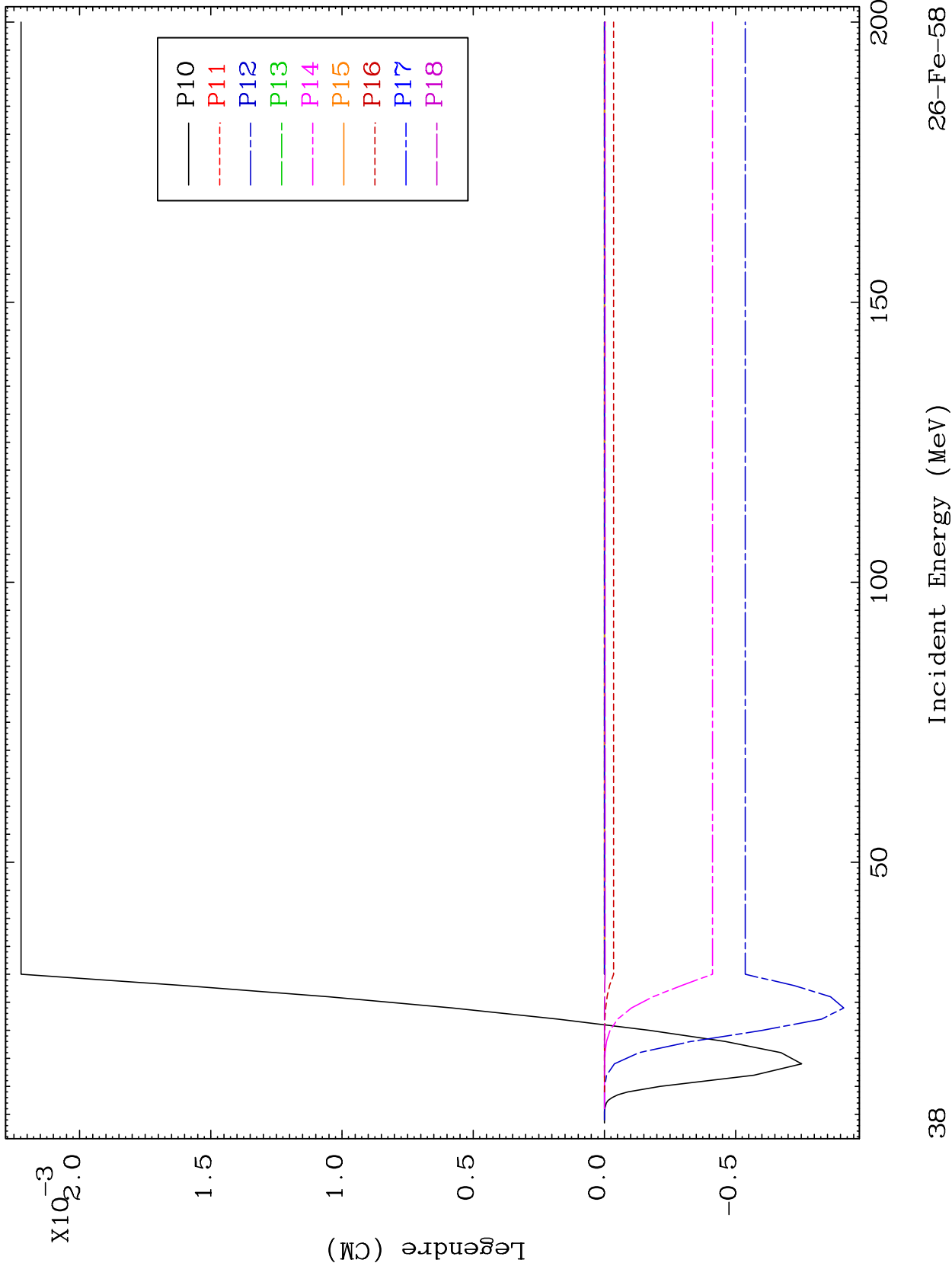
26-Fe-58

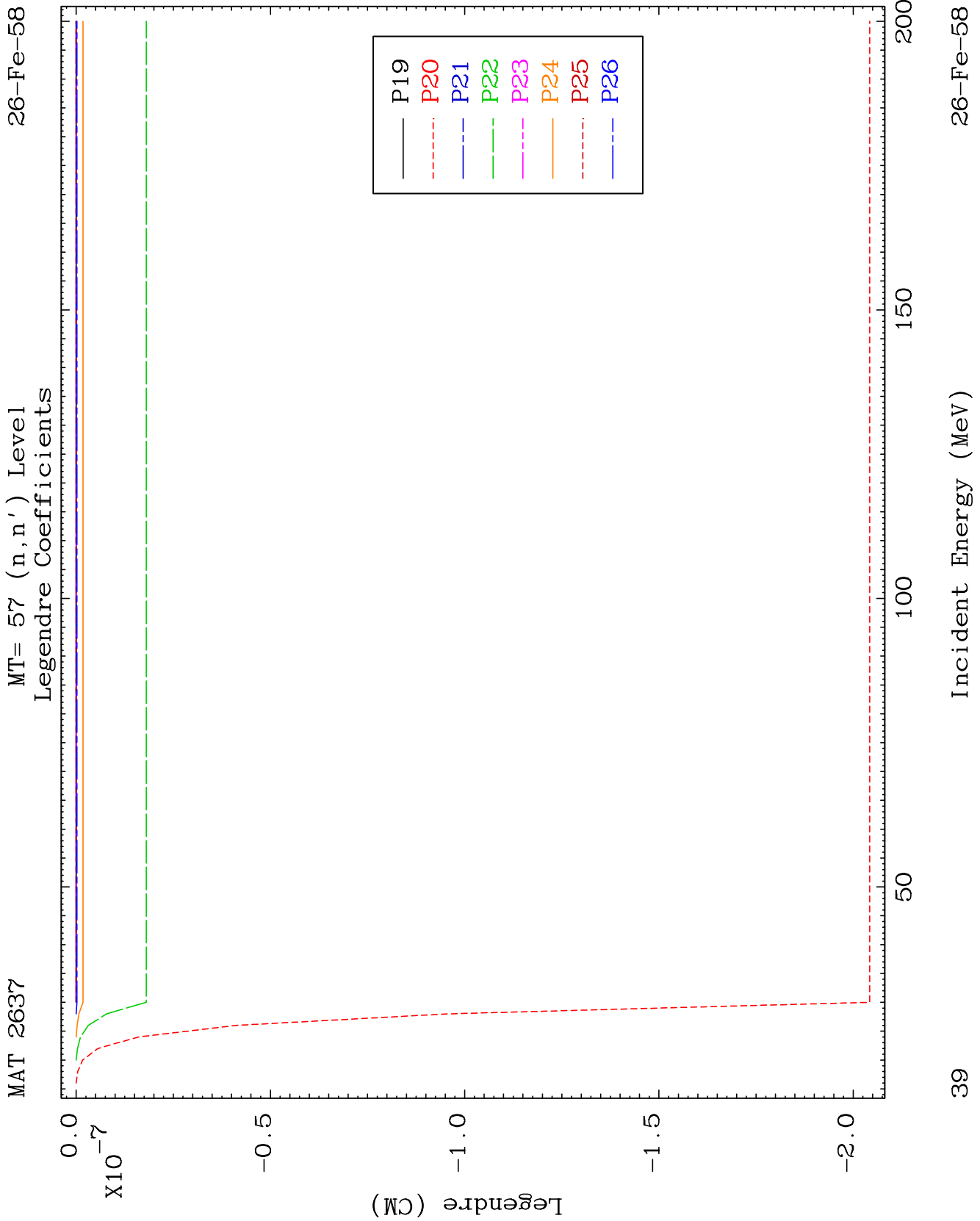


36

Incident Energy (MeV)

26-Fe-58

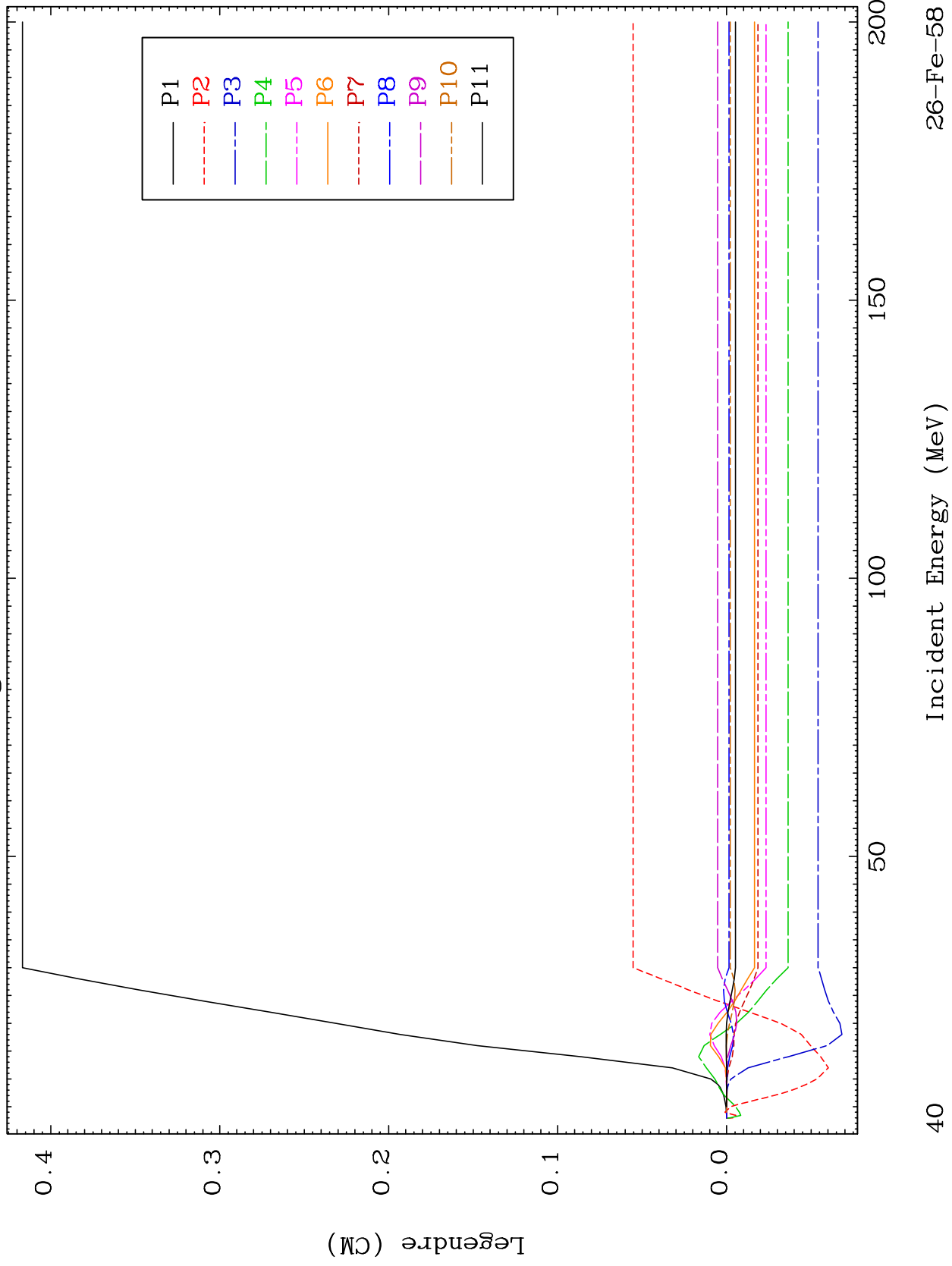




MAT 2637

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

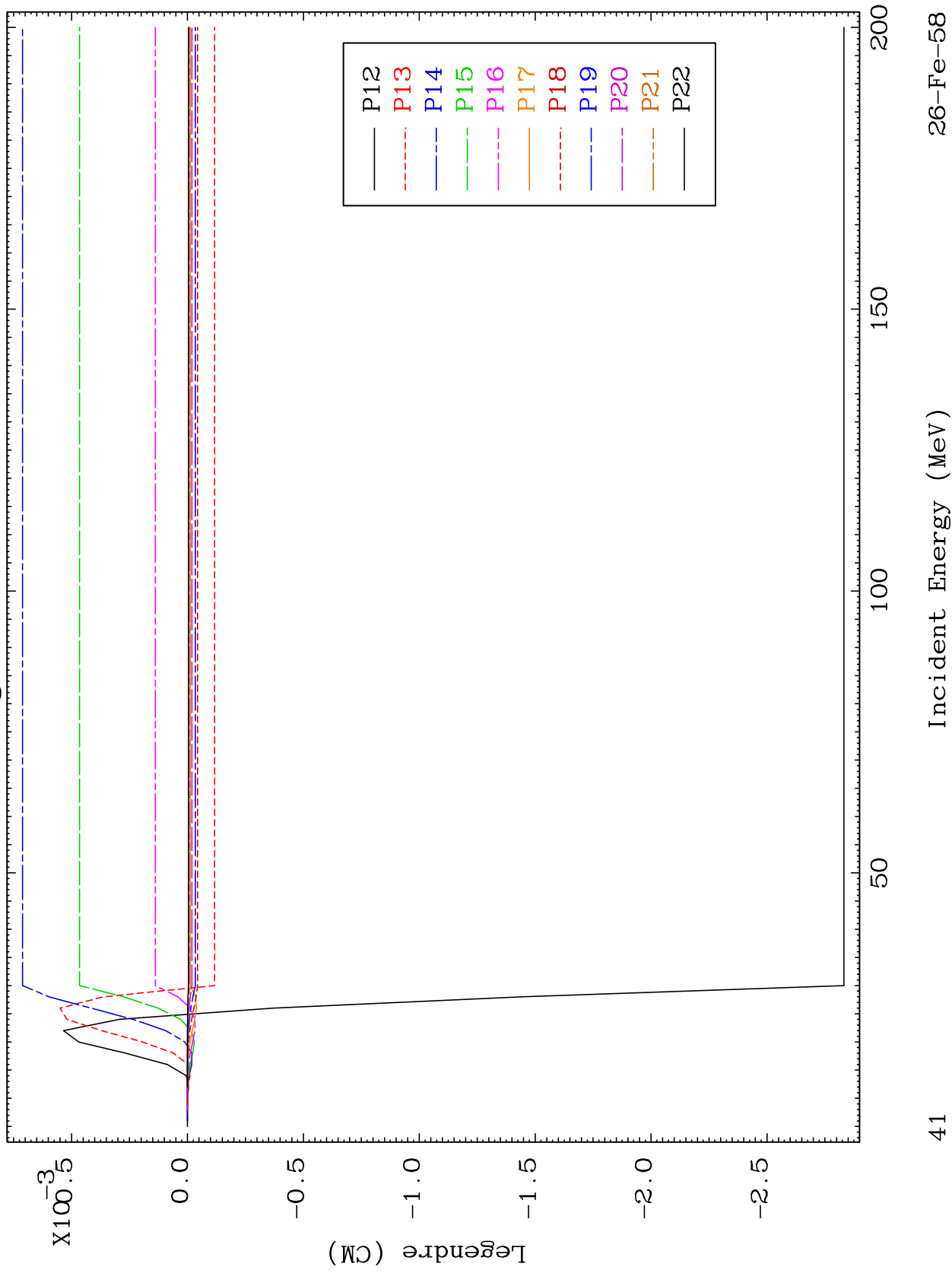
26-Fe-58



MAT 2637

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

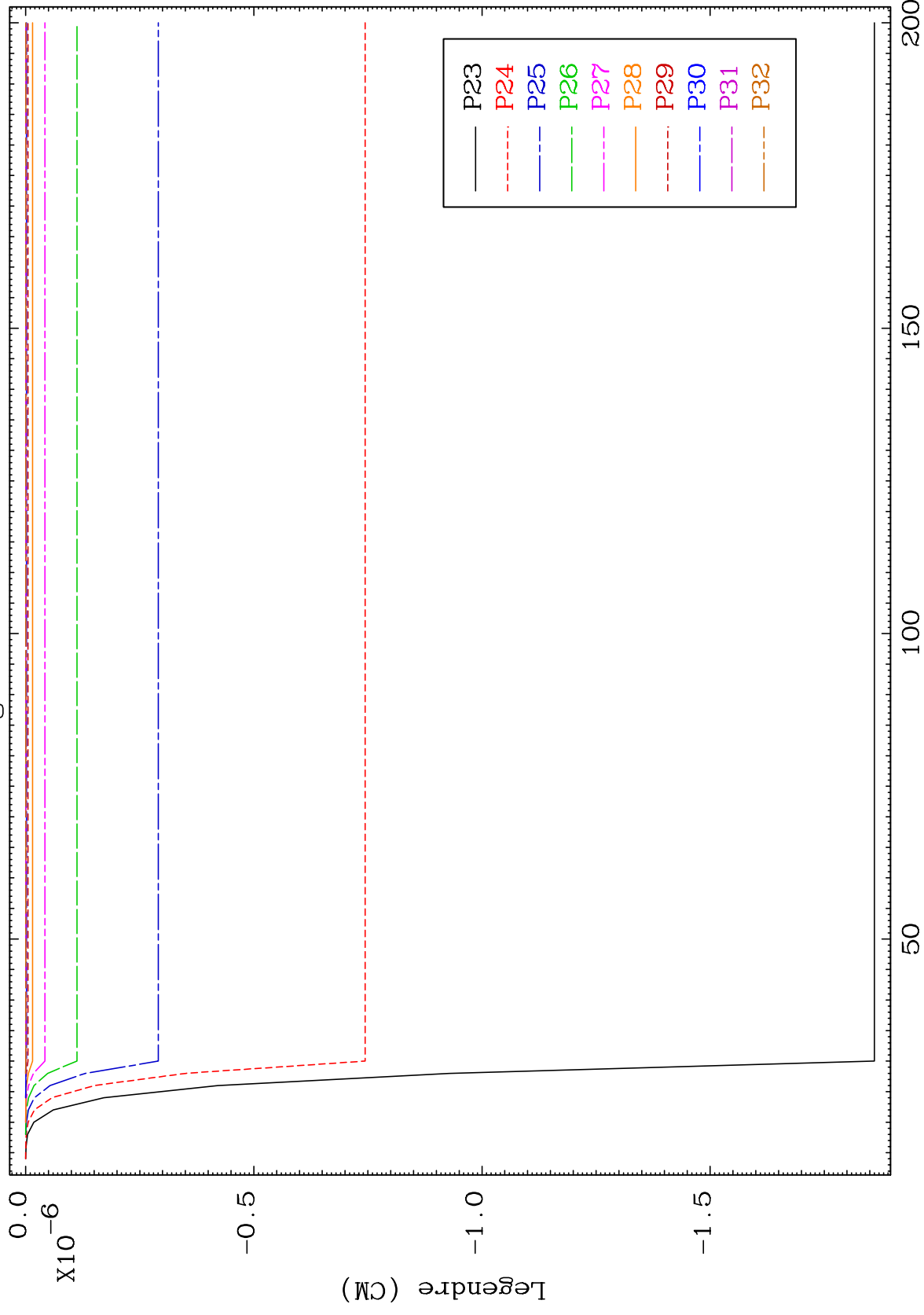
26-Fe-58



MAT 2637

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

26-Fe-58



42

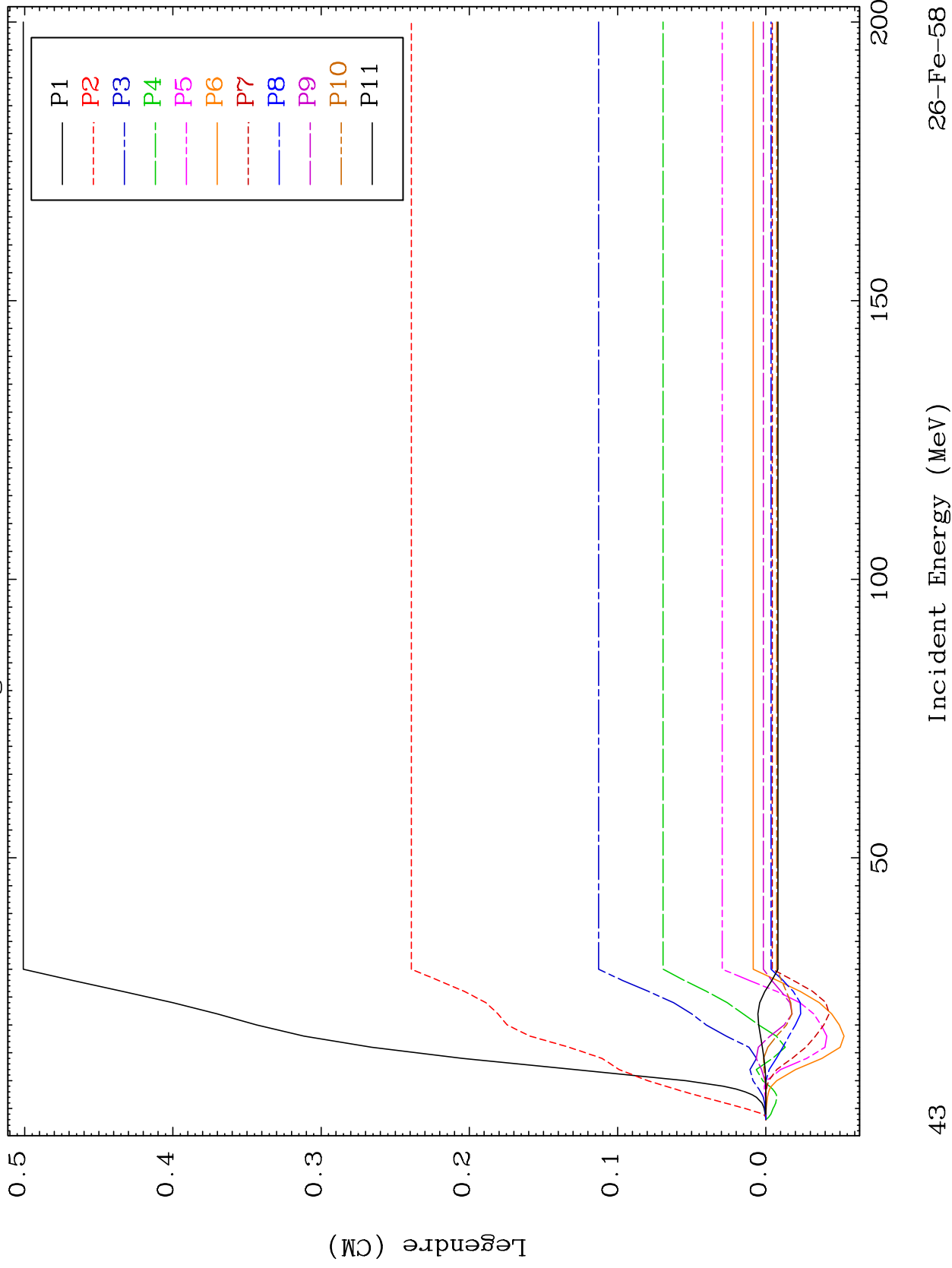
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

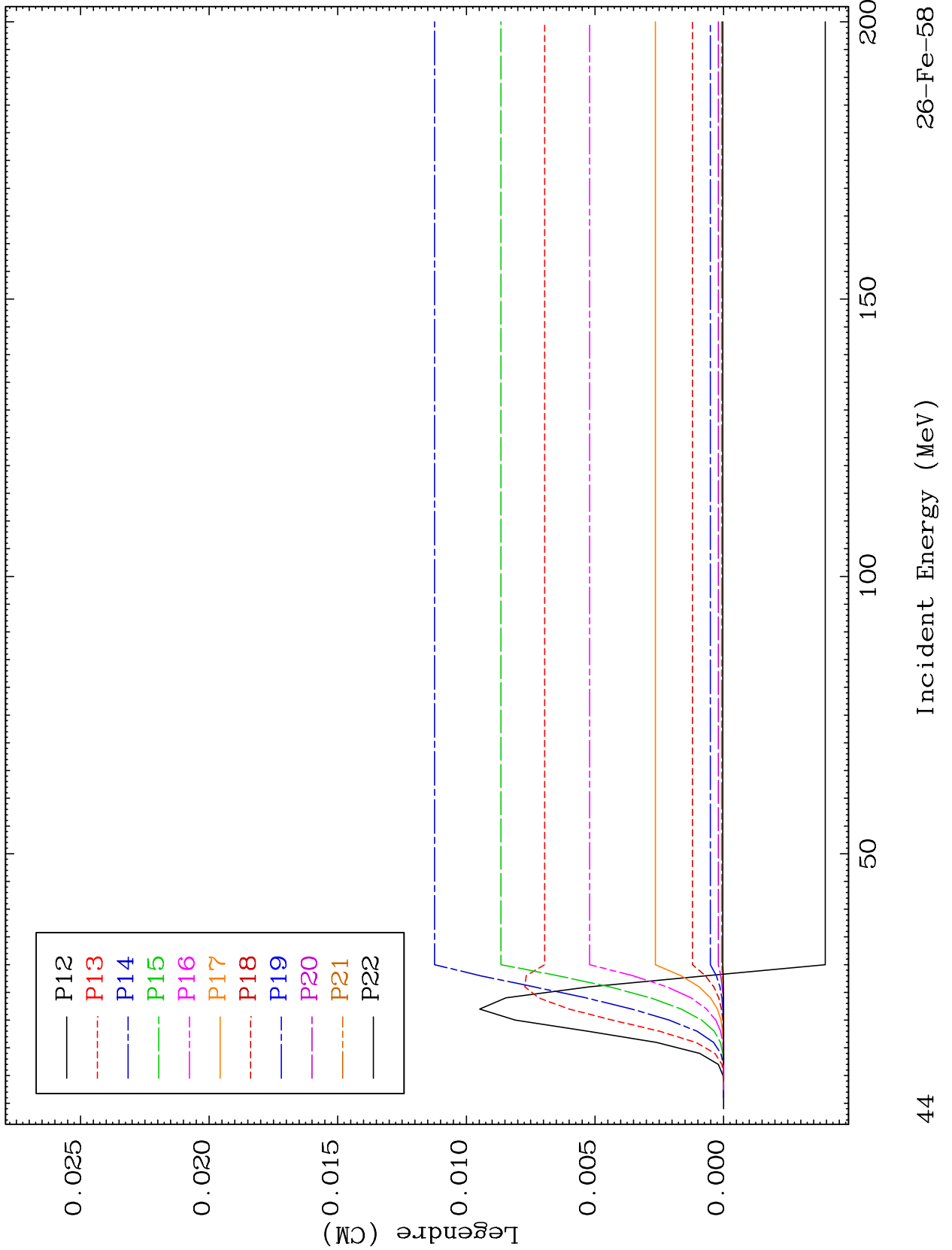
26-Fe-58



43

Incident Energy (MeV)

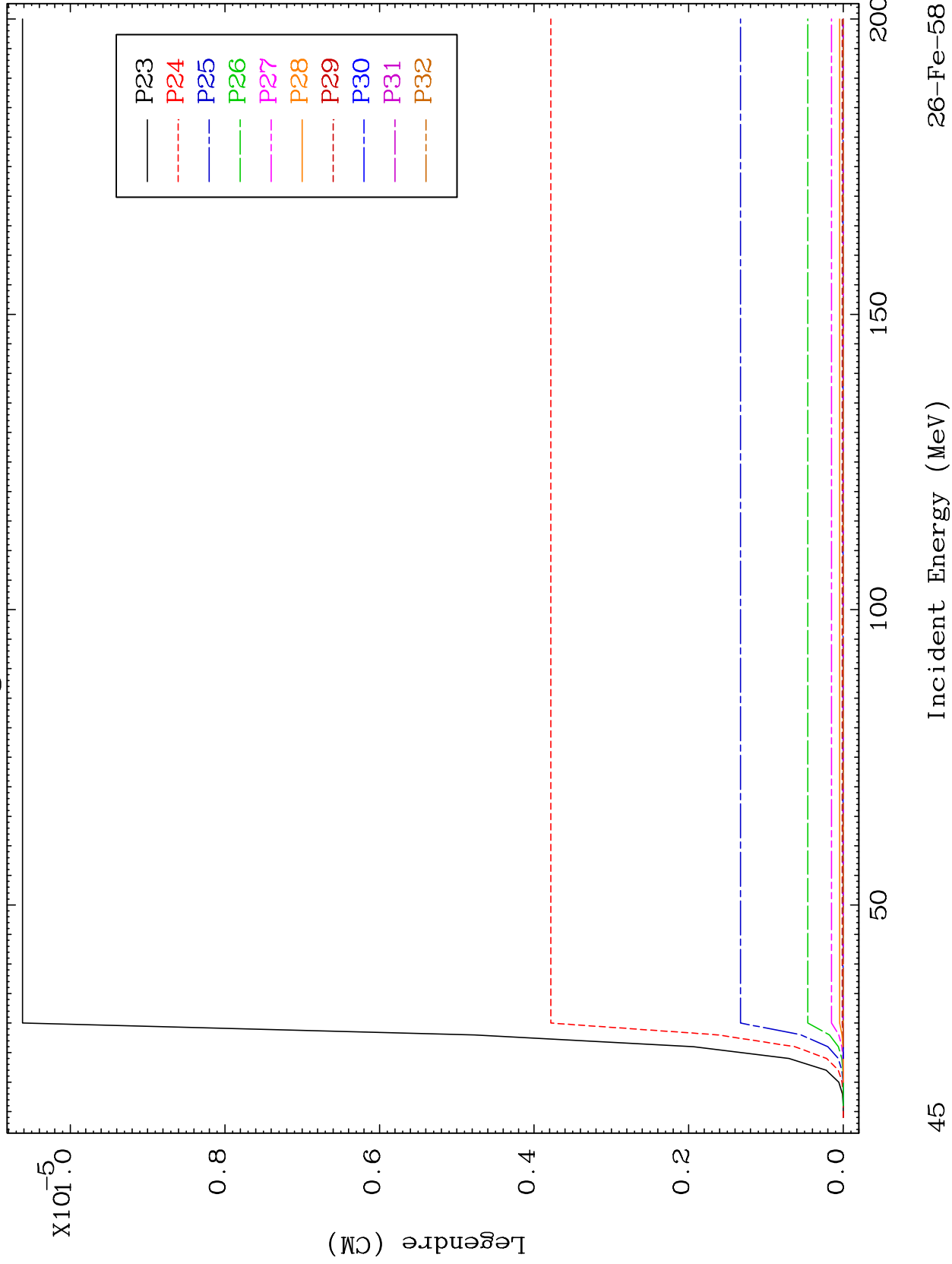
26-Fe-58



MAT 2637

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

26-Fe-58



45

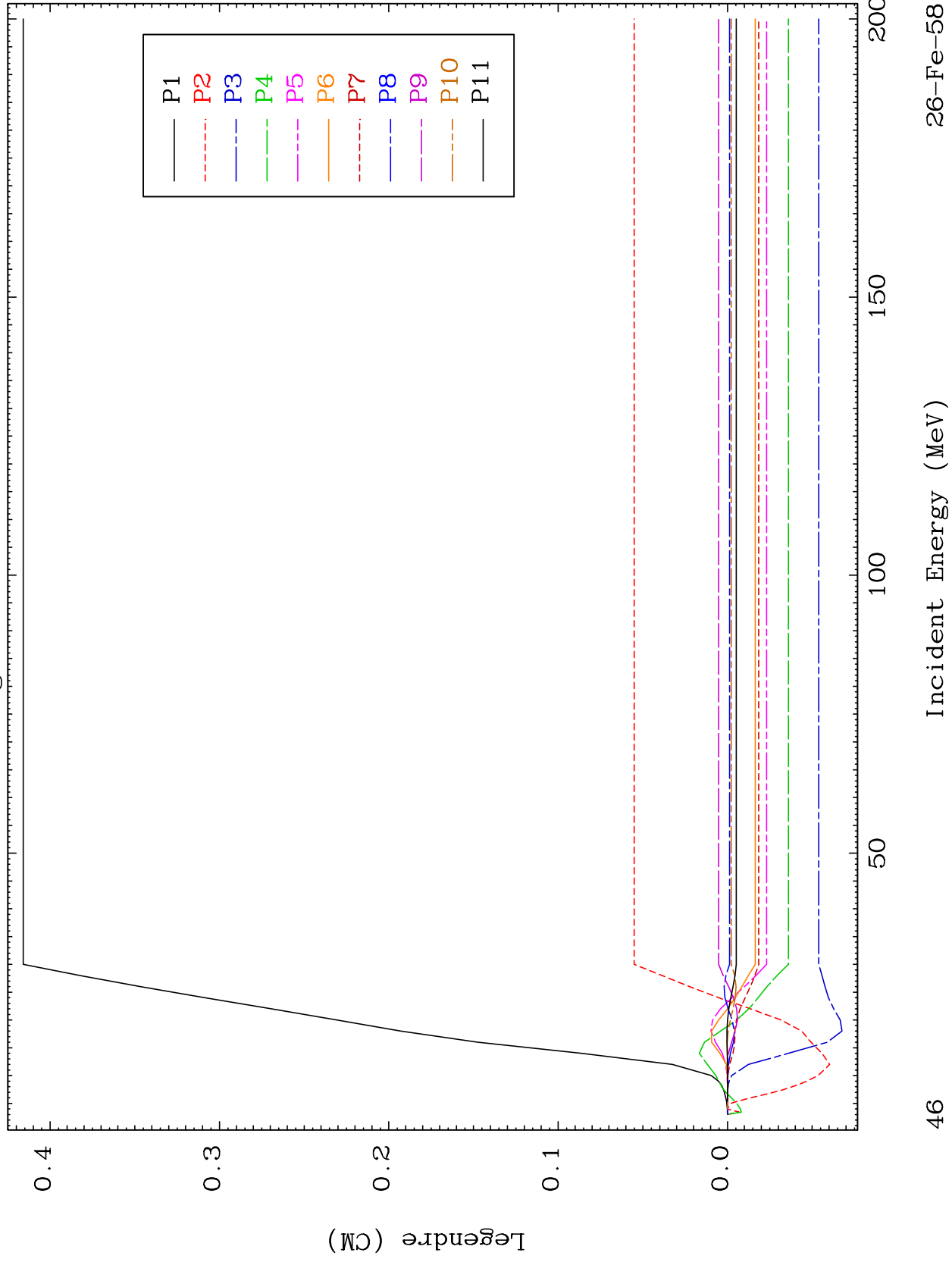
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

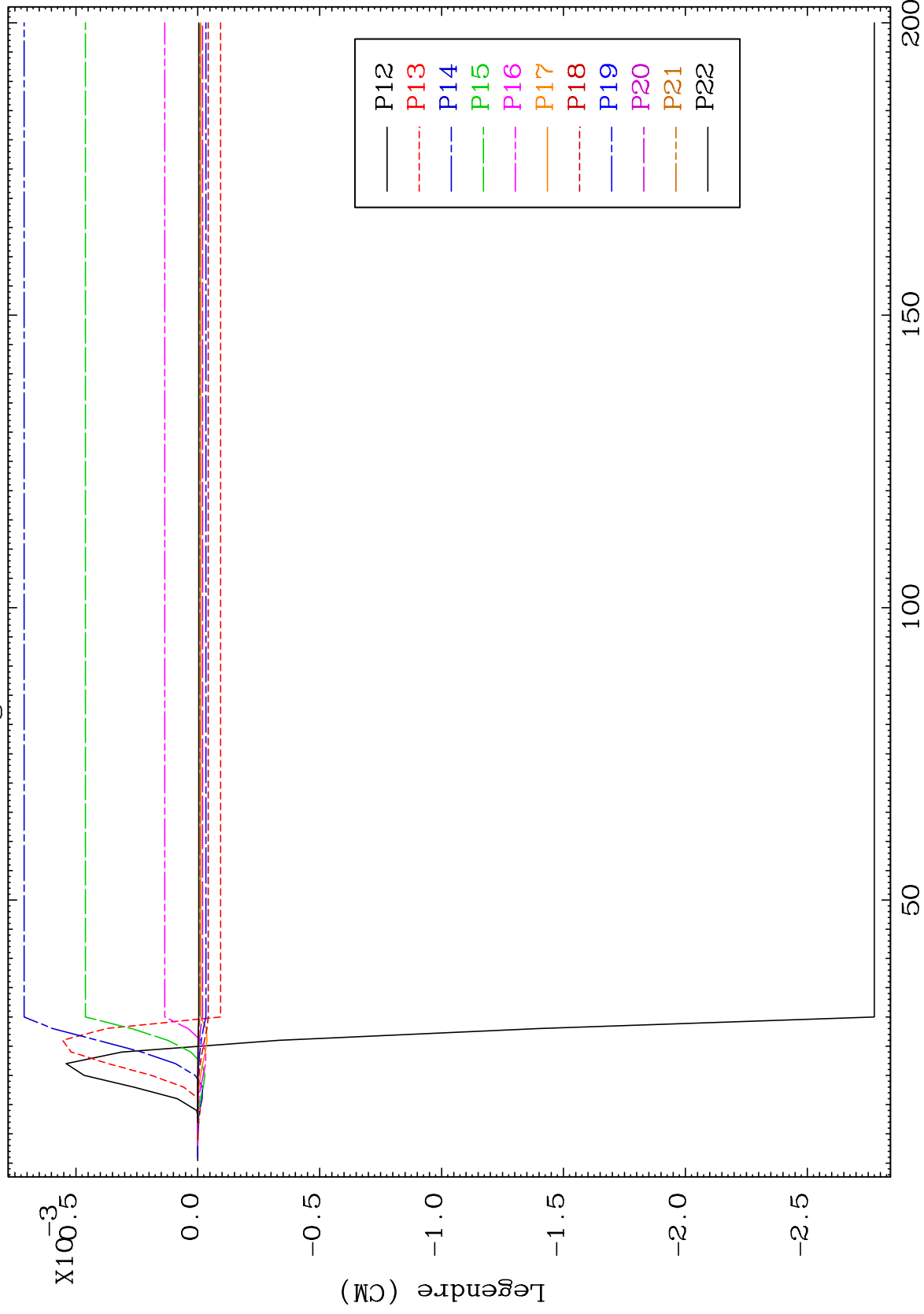
26-Fe-58



MAT 2637

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

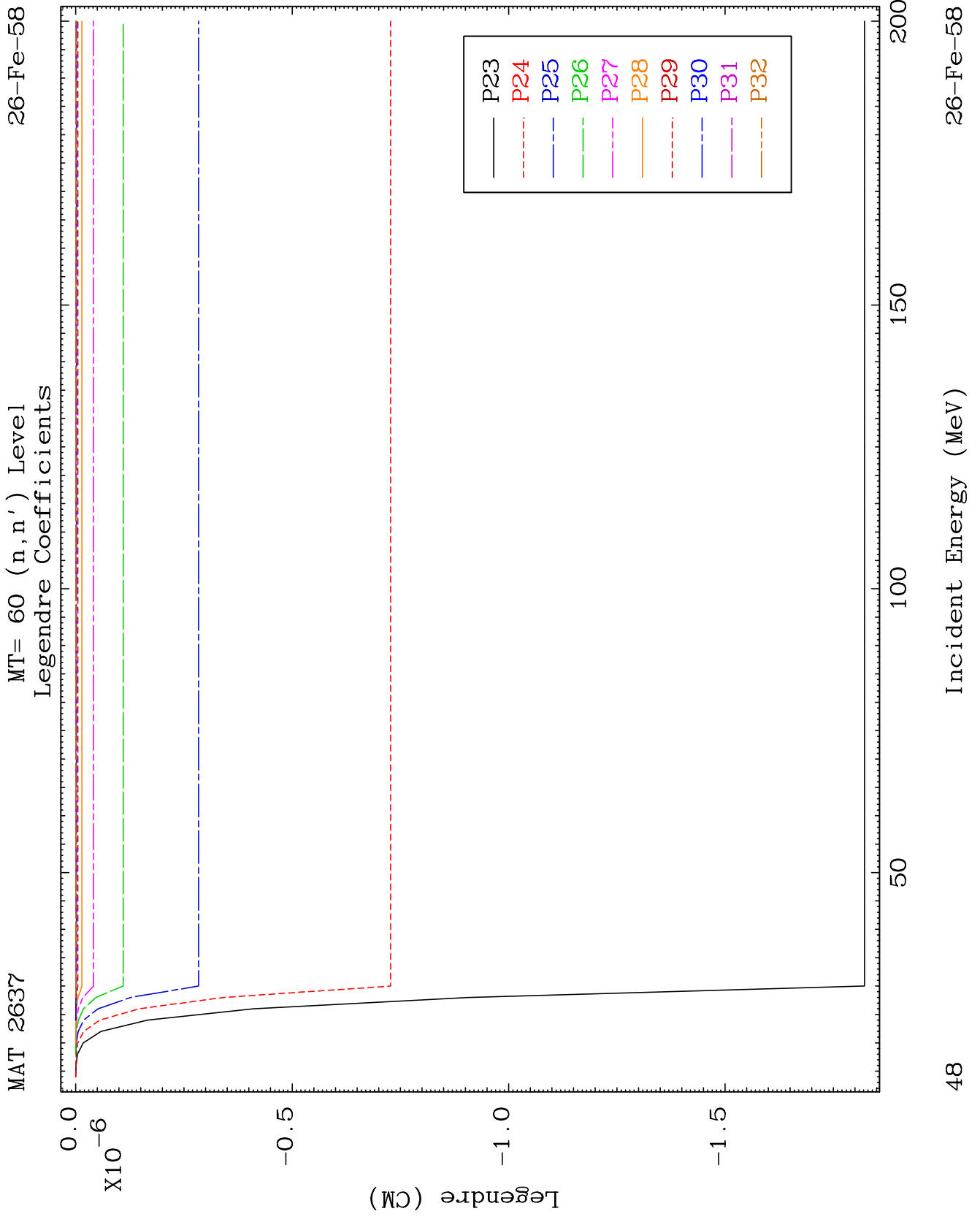
26-Fe-58



47

Incident Energy (MeV)

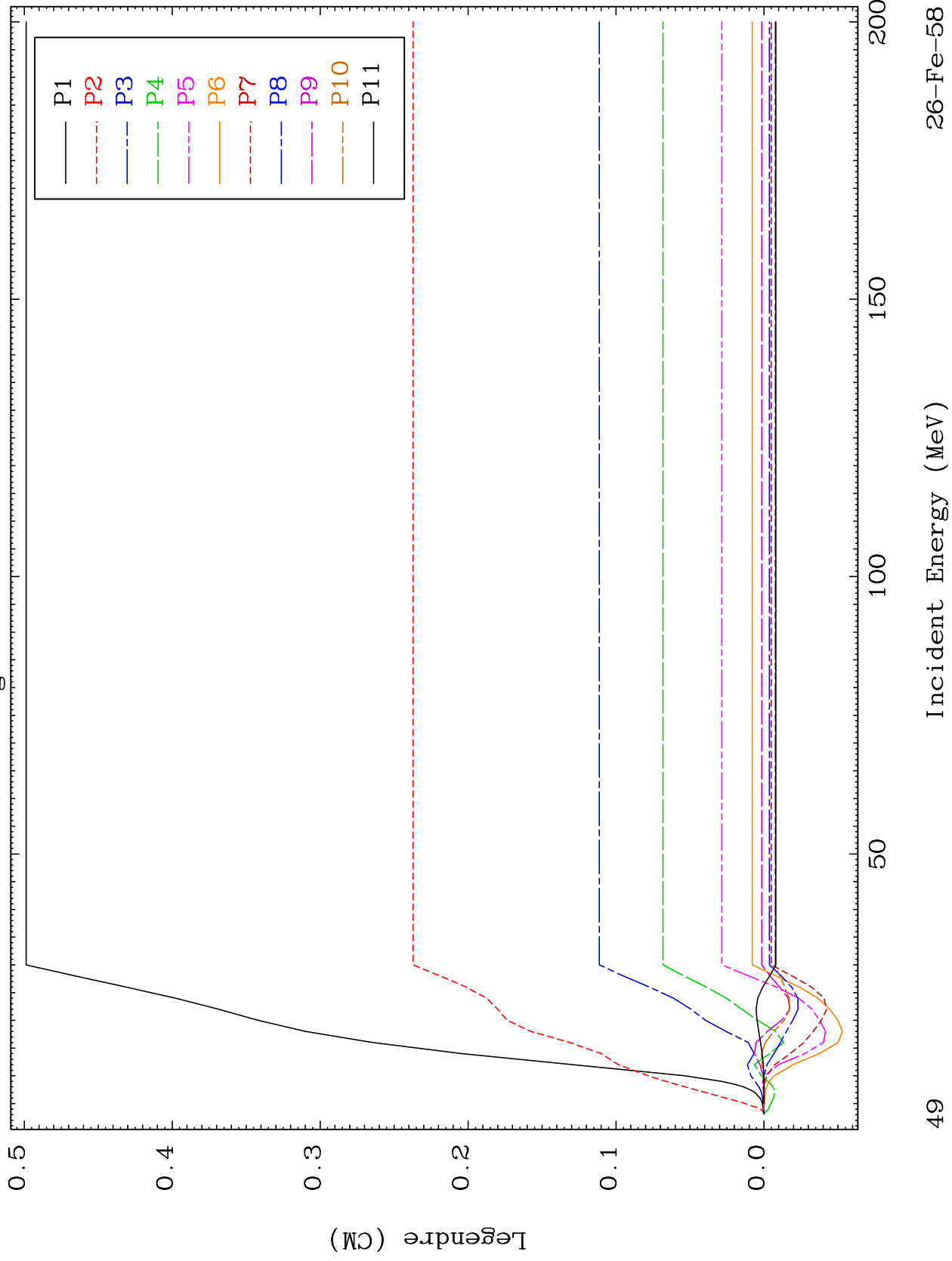
26-Fe-58



MAT 2637

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

26-Fe-58



49

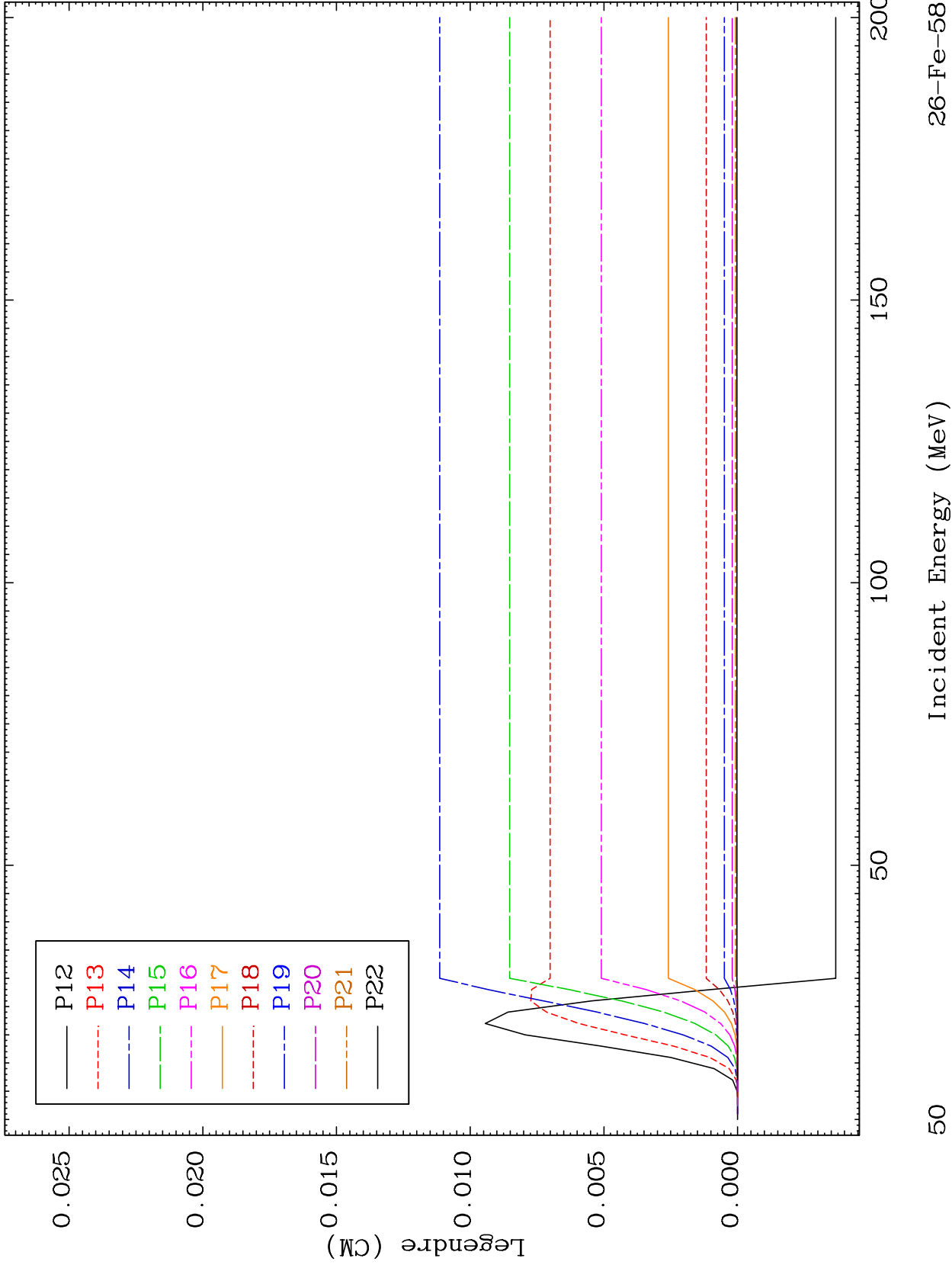
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

26-Fe-58



50

Incident Energy (MeV)

50

100

150

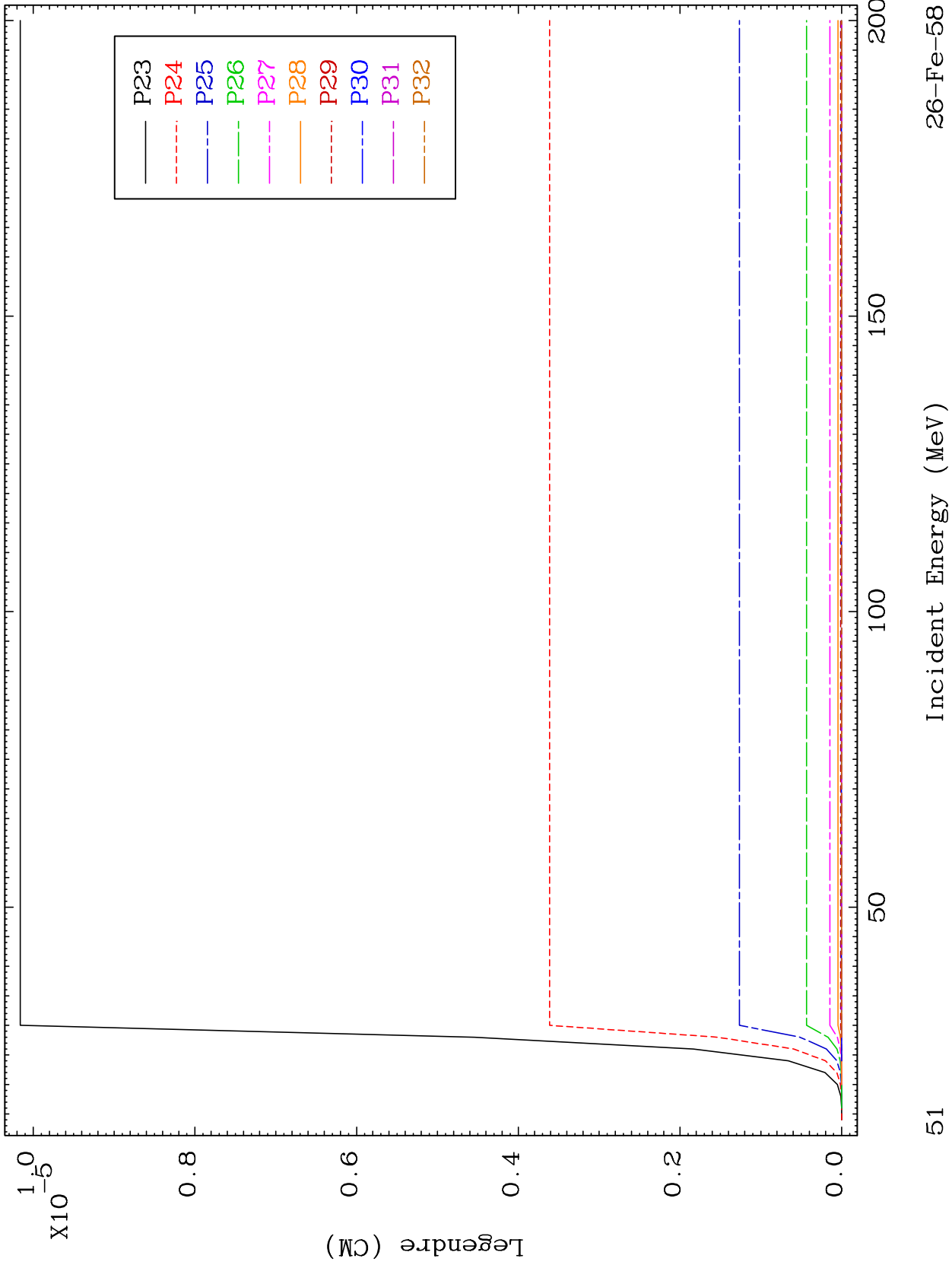
200

26-Fe-58

MAT 2637

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

26-Fe-58



51

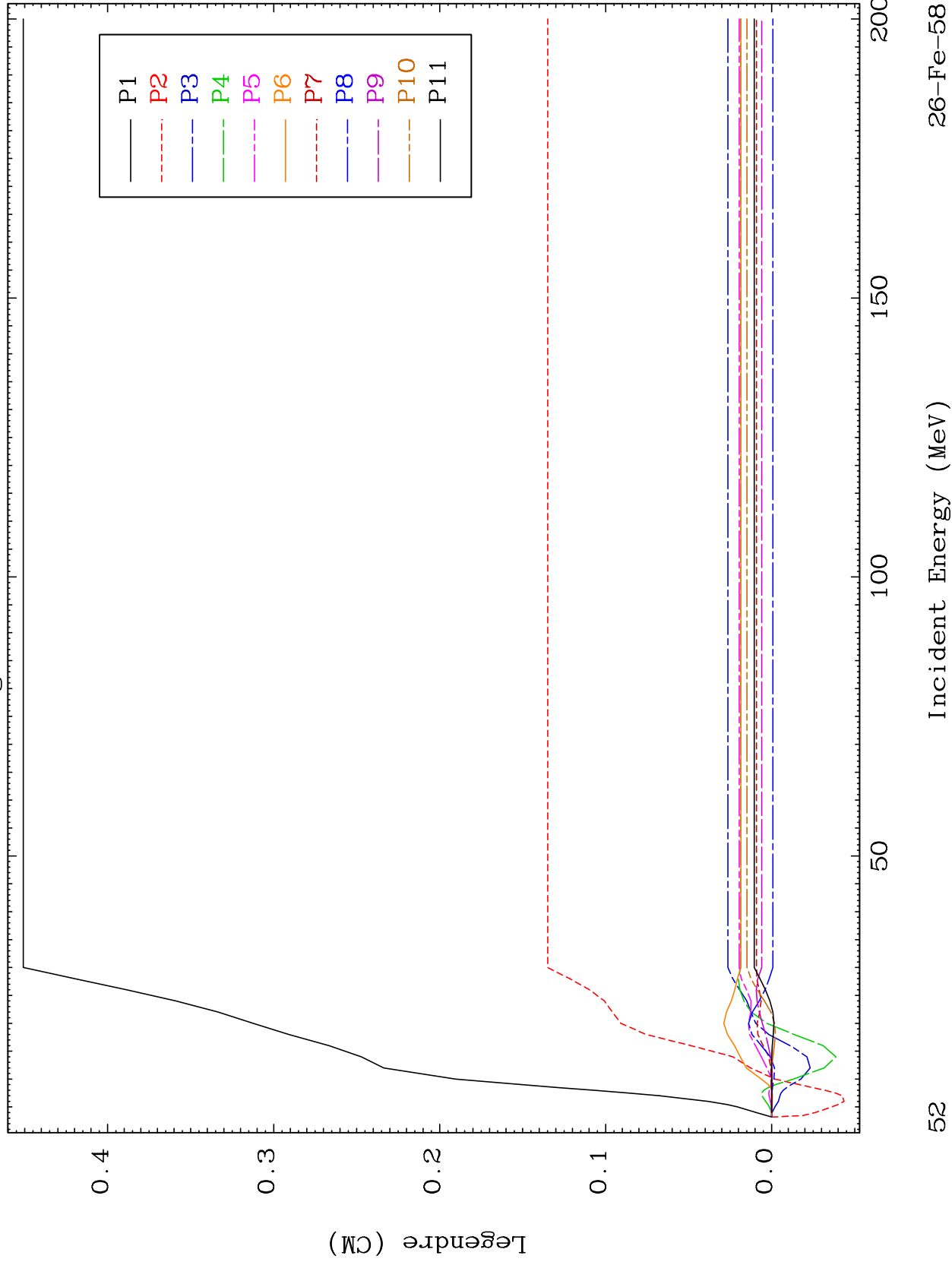
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

26-Fe-58



52

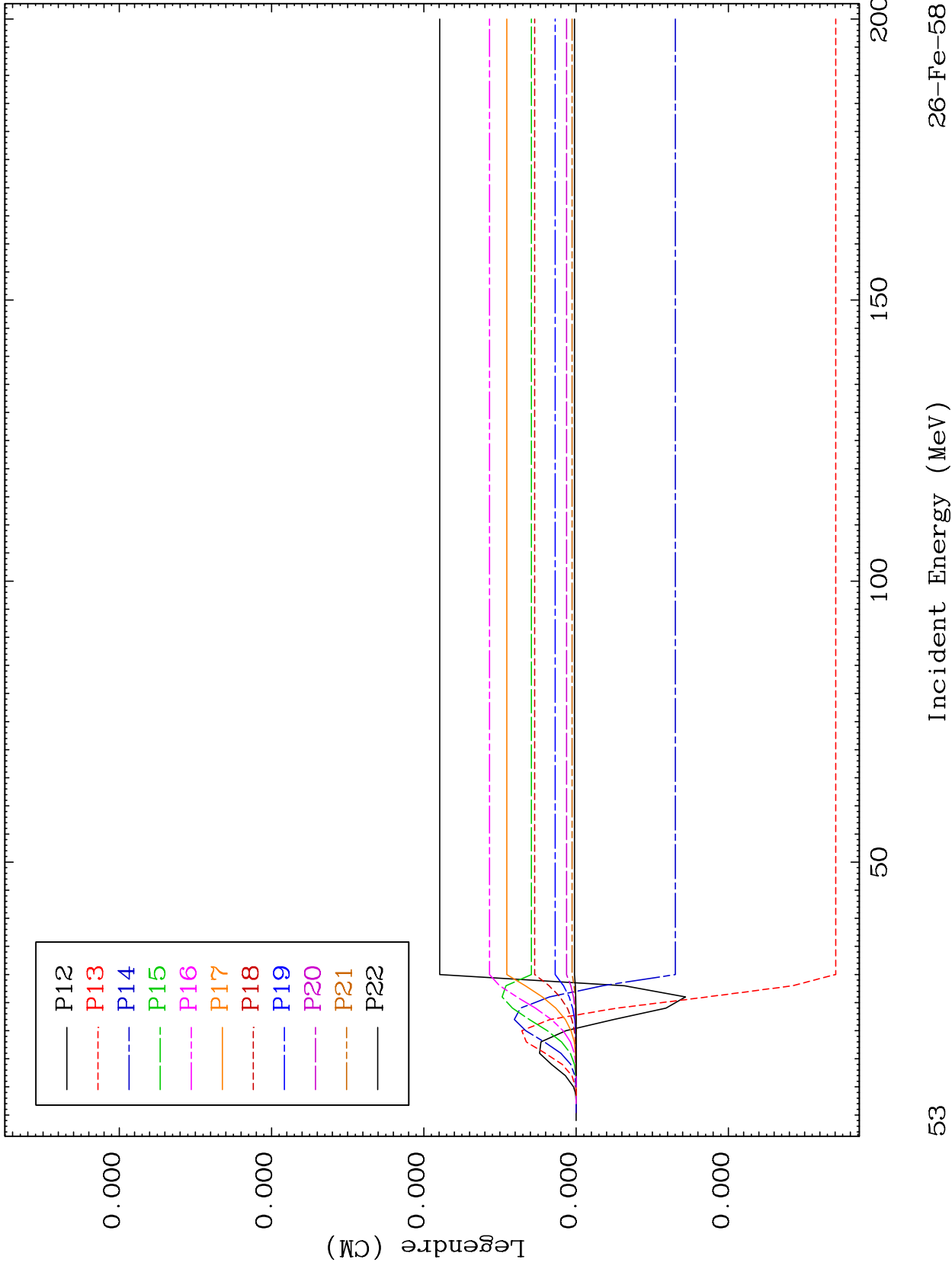
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

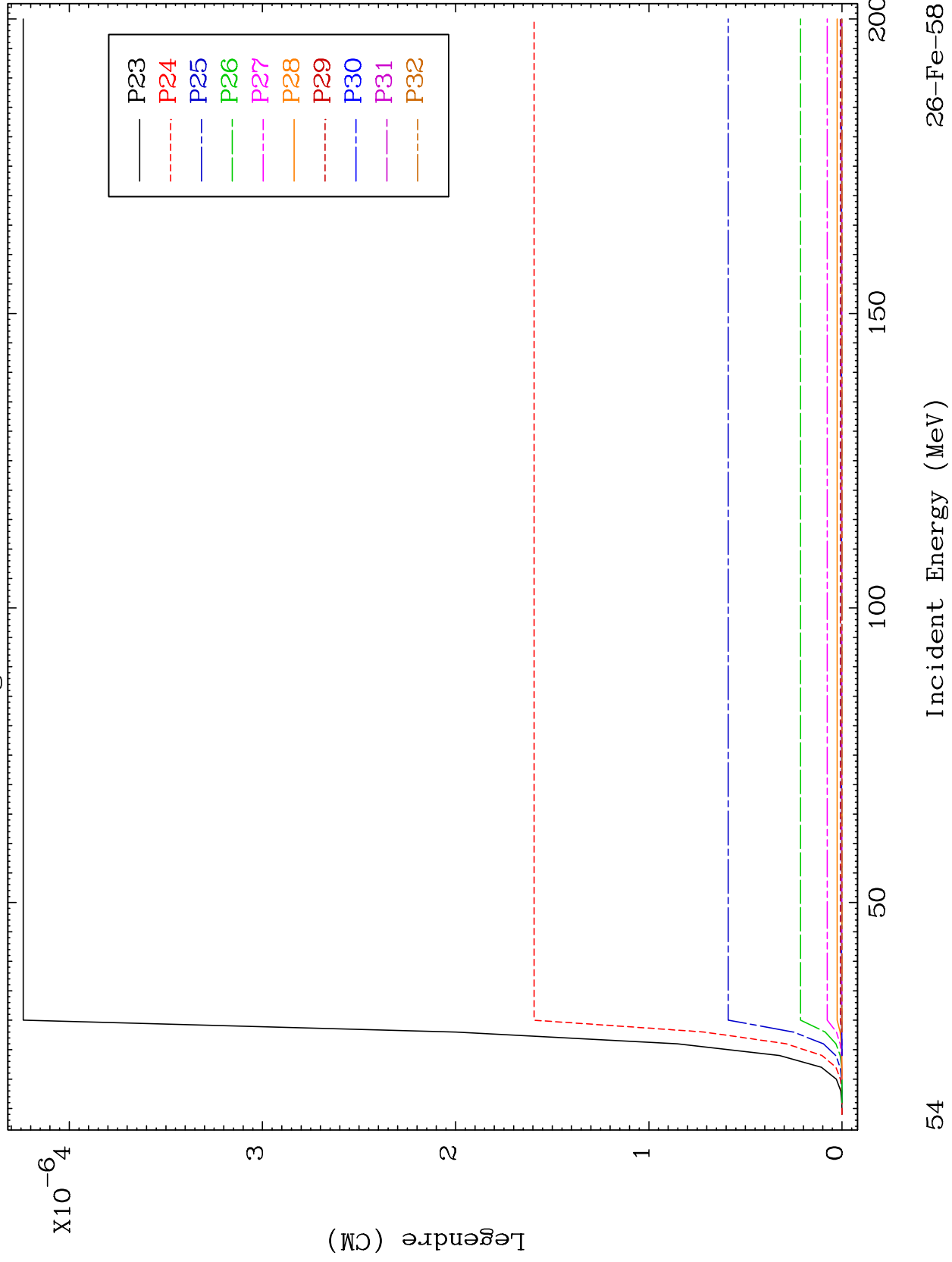
26-Fe-58



MAT 2637

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

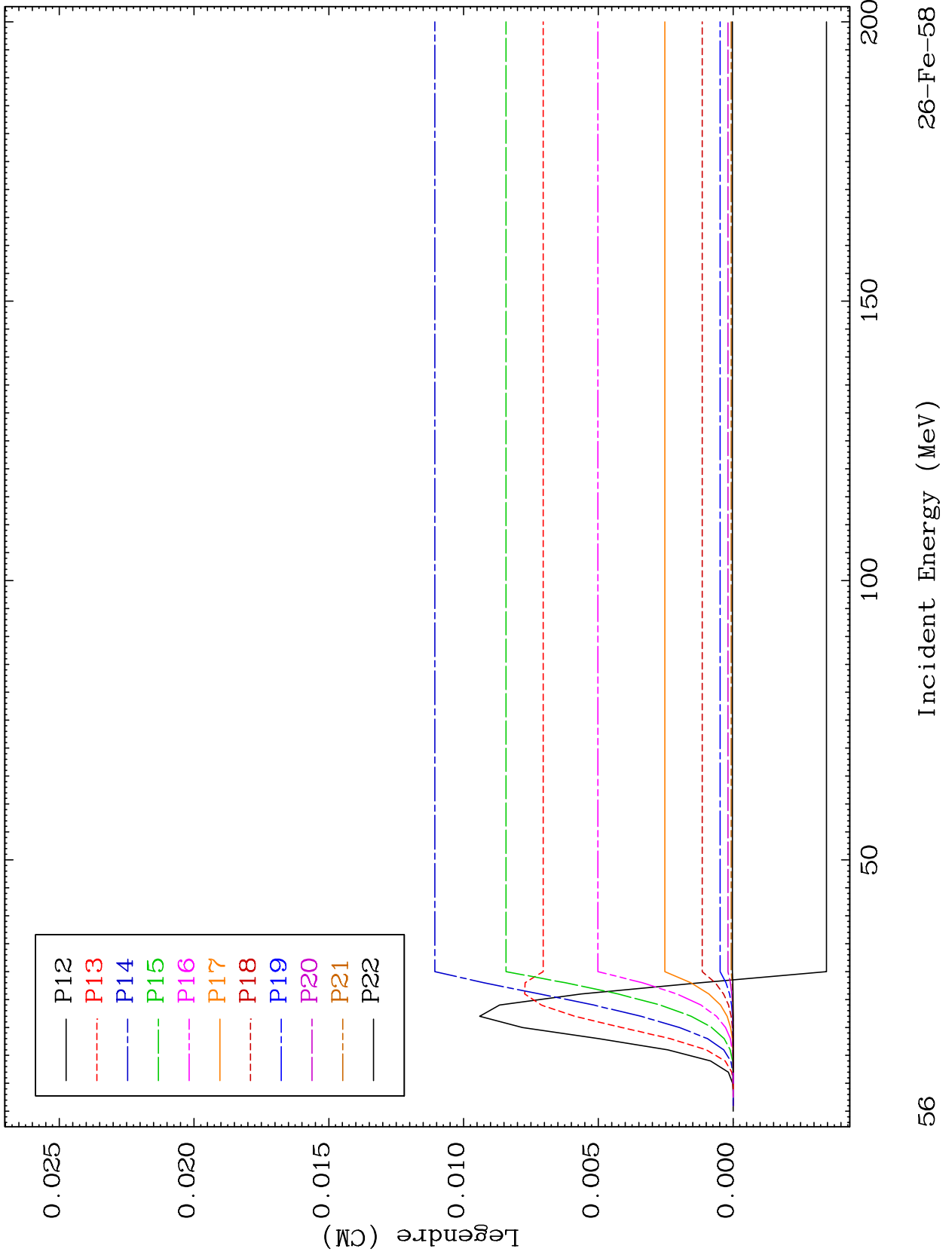
26-Fe-58

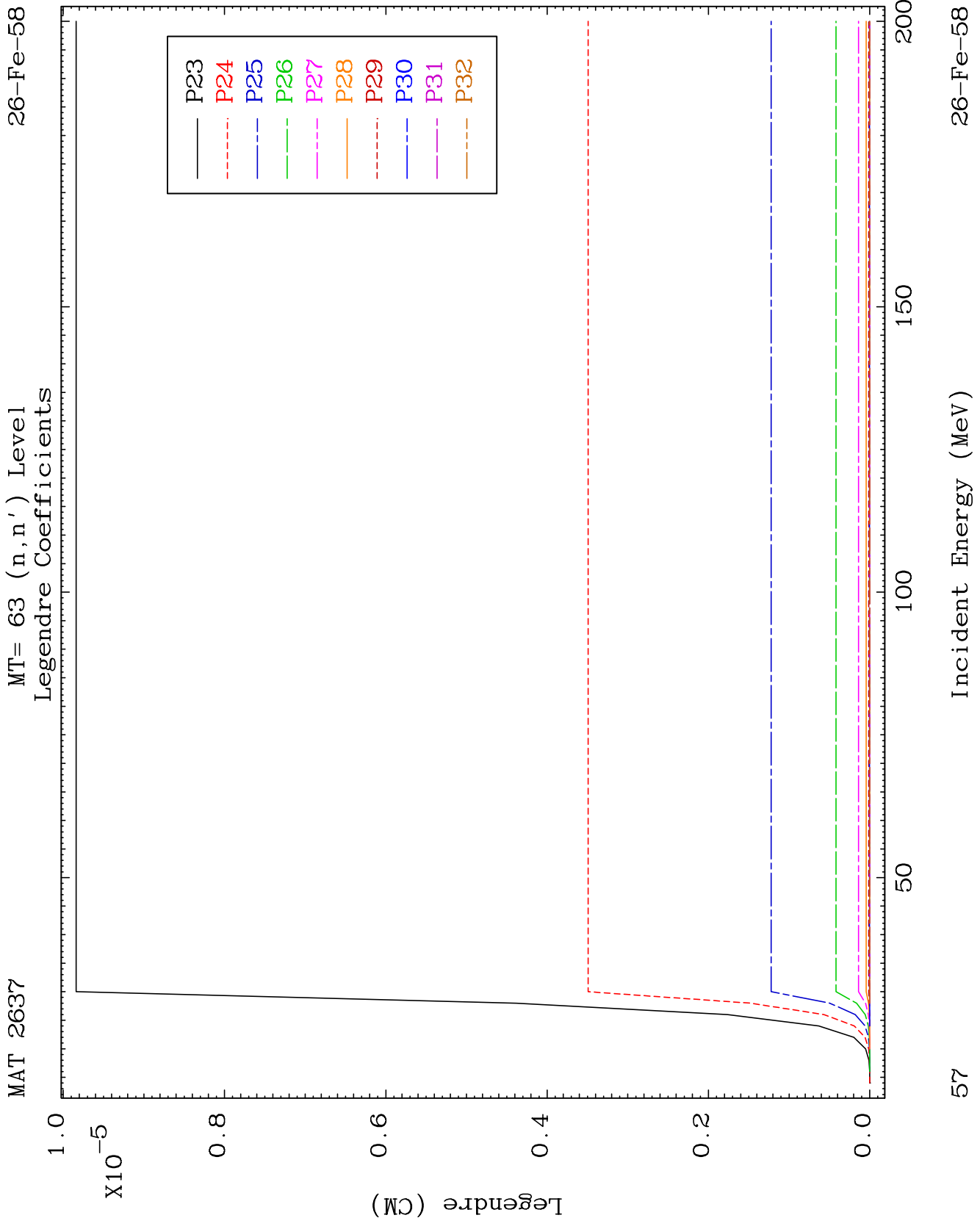


54

Incident Energy (MeV)

26-Fe-58

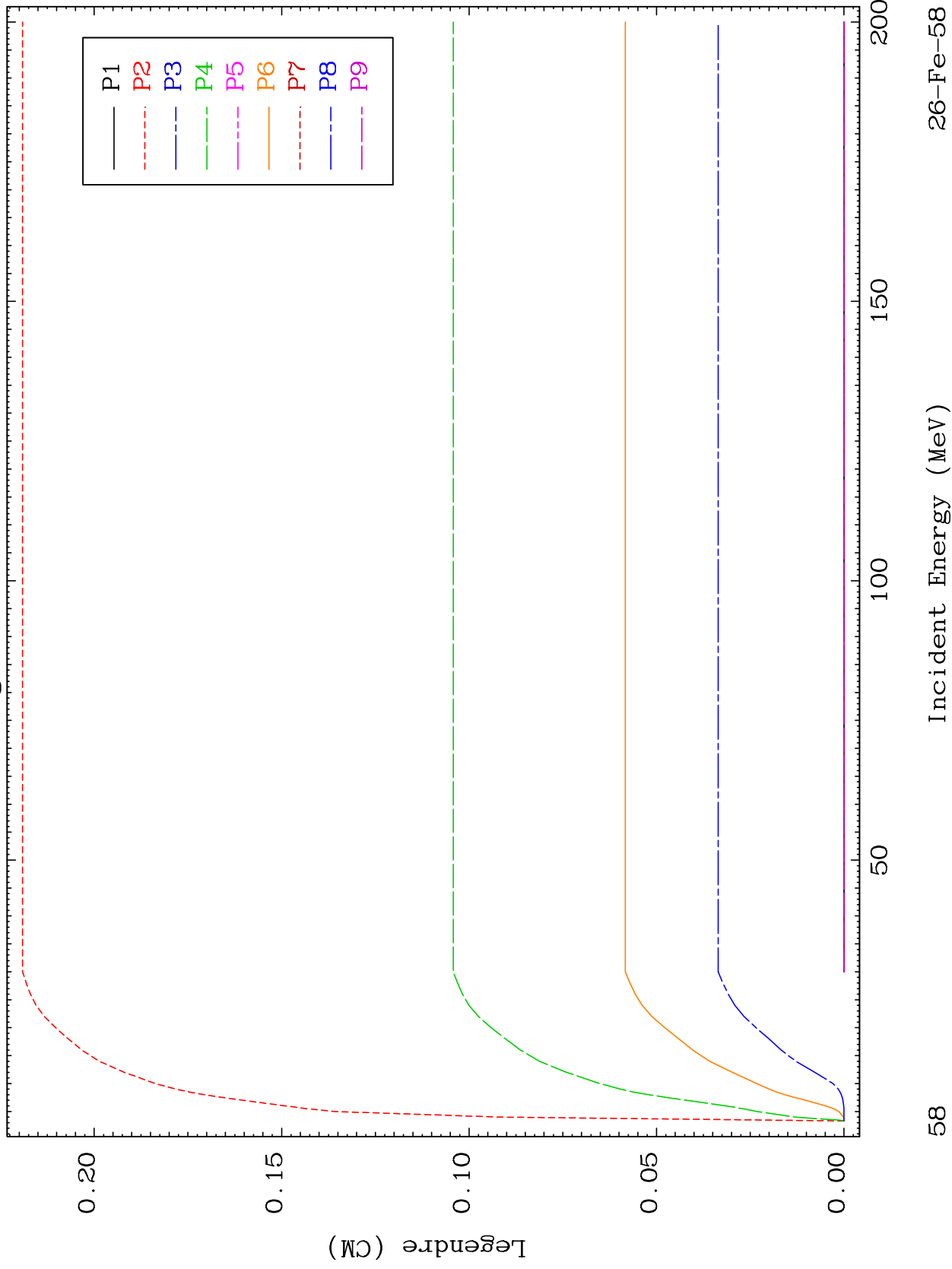




MAT 2637

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

26-Fe-58



58

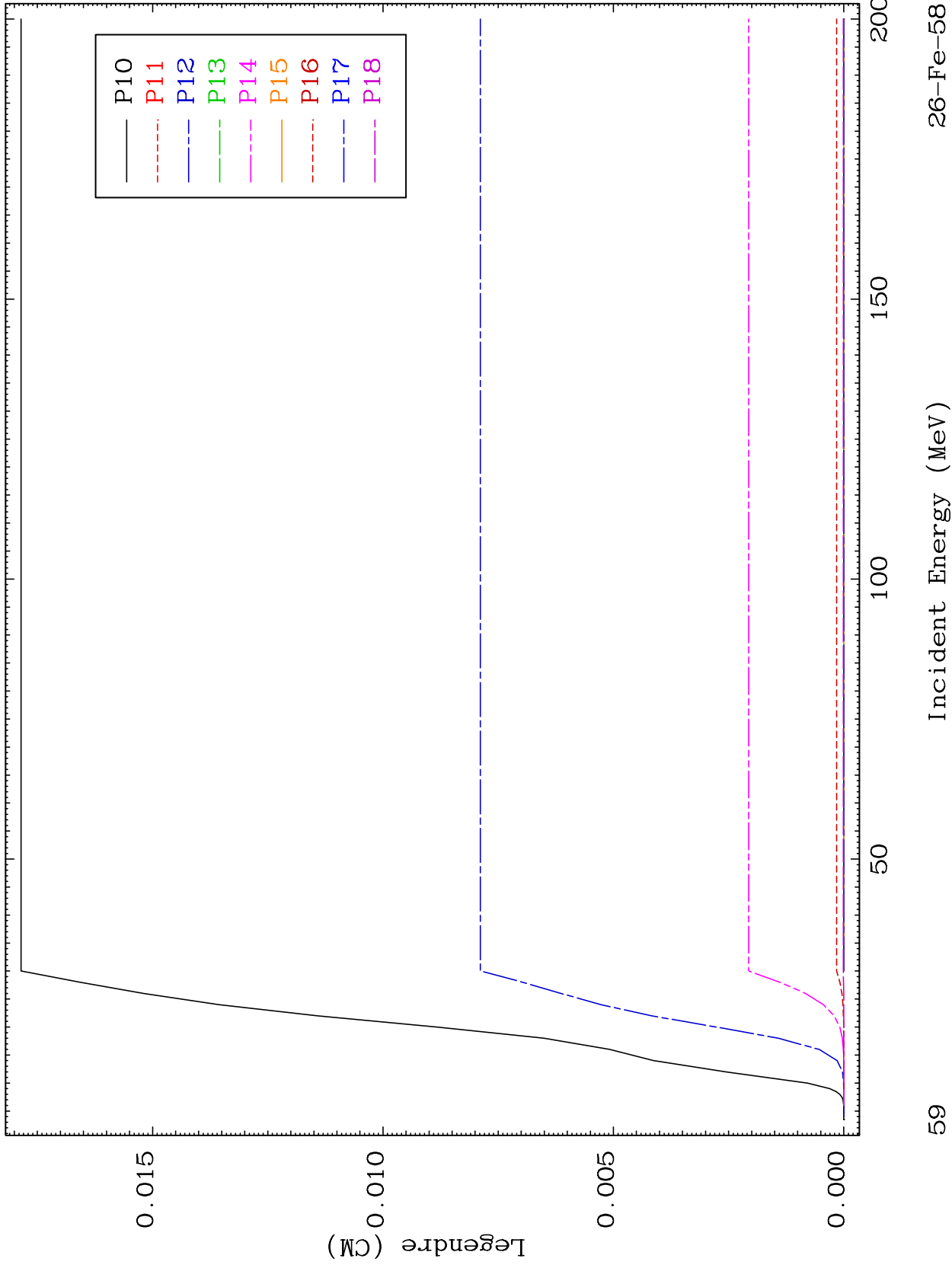
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

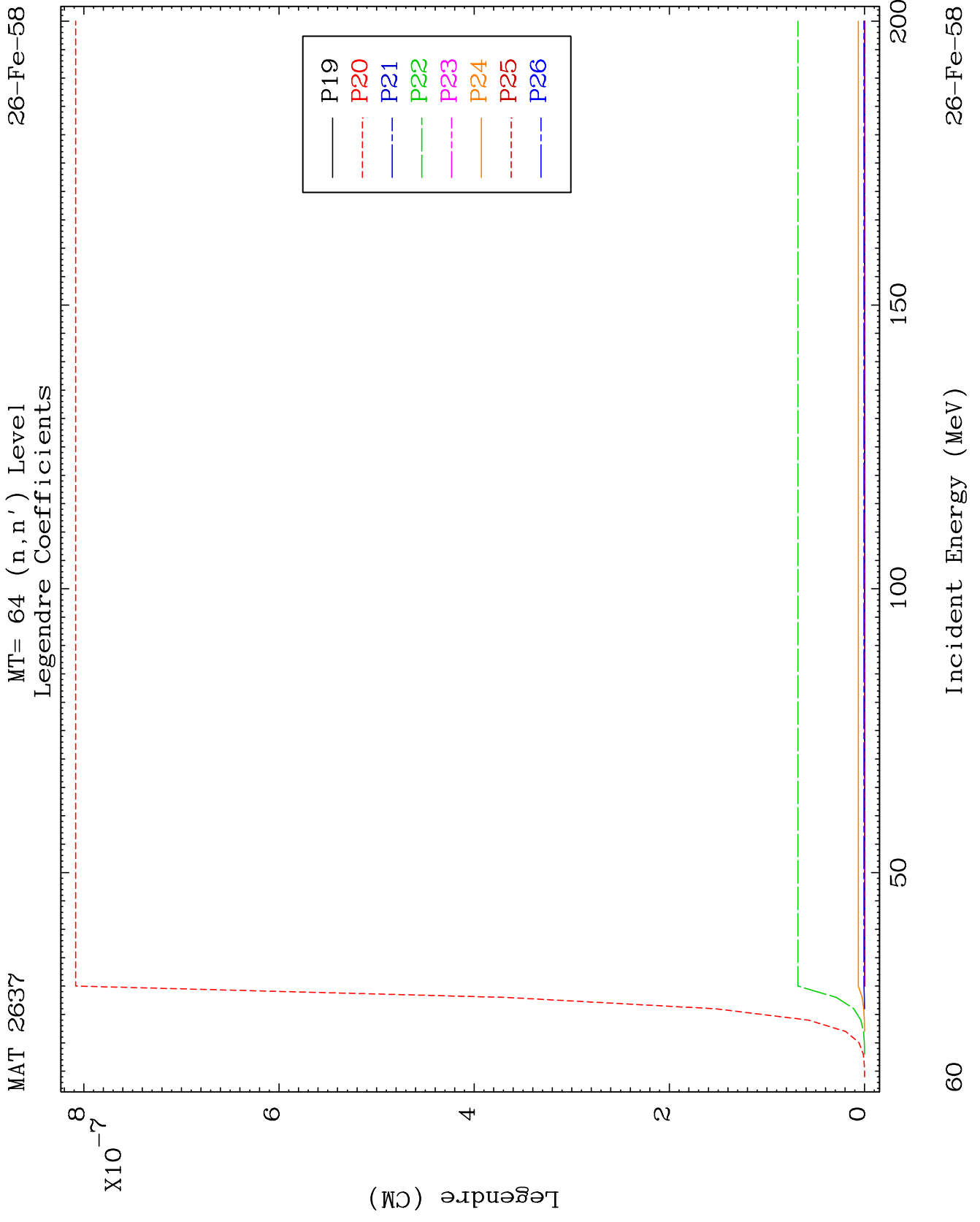
26-Fe-58

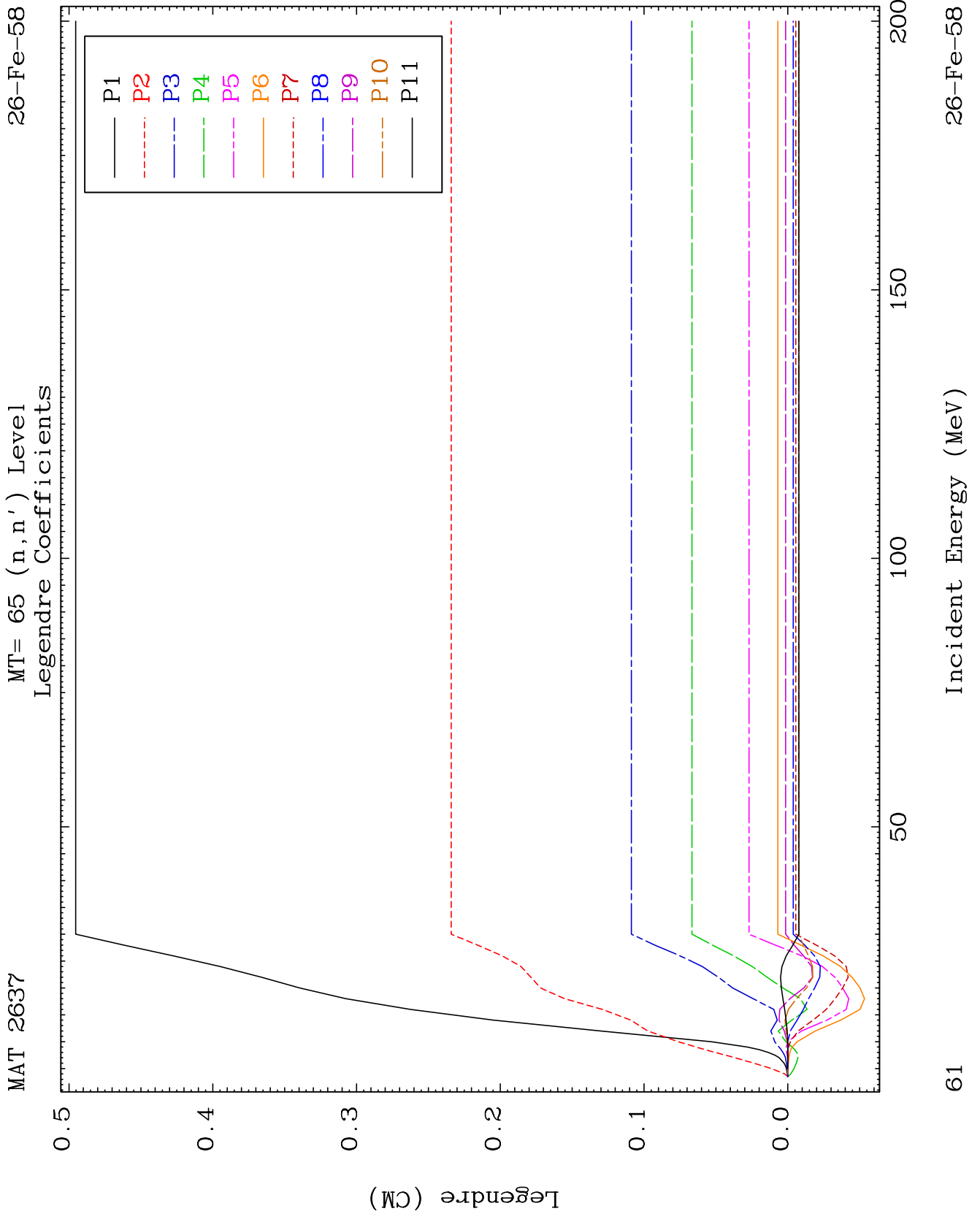


59

Incident Energy (MeV)

26-Fe-58

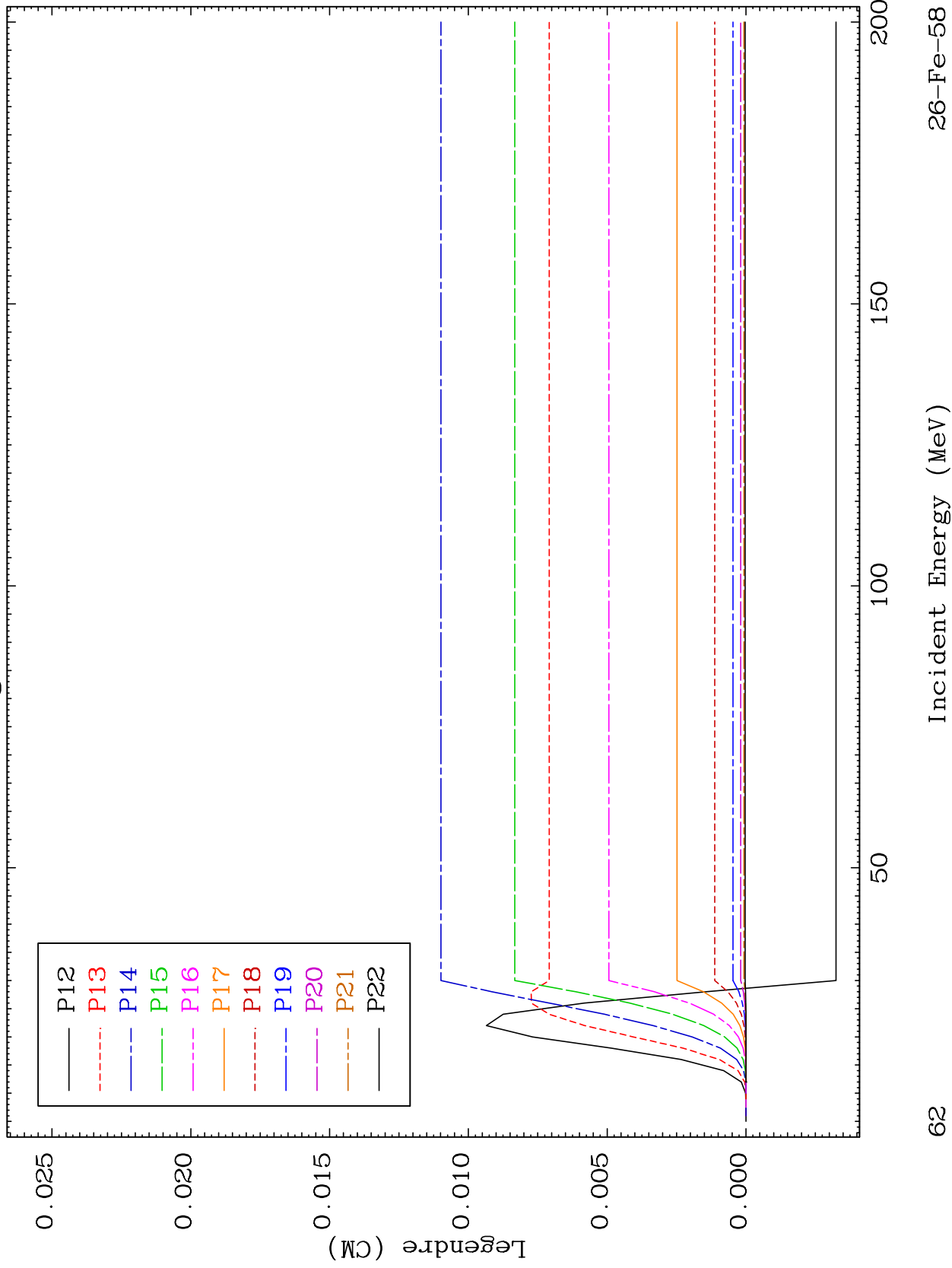




MAT 2637

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

26-Fe-58



62

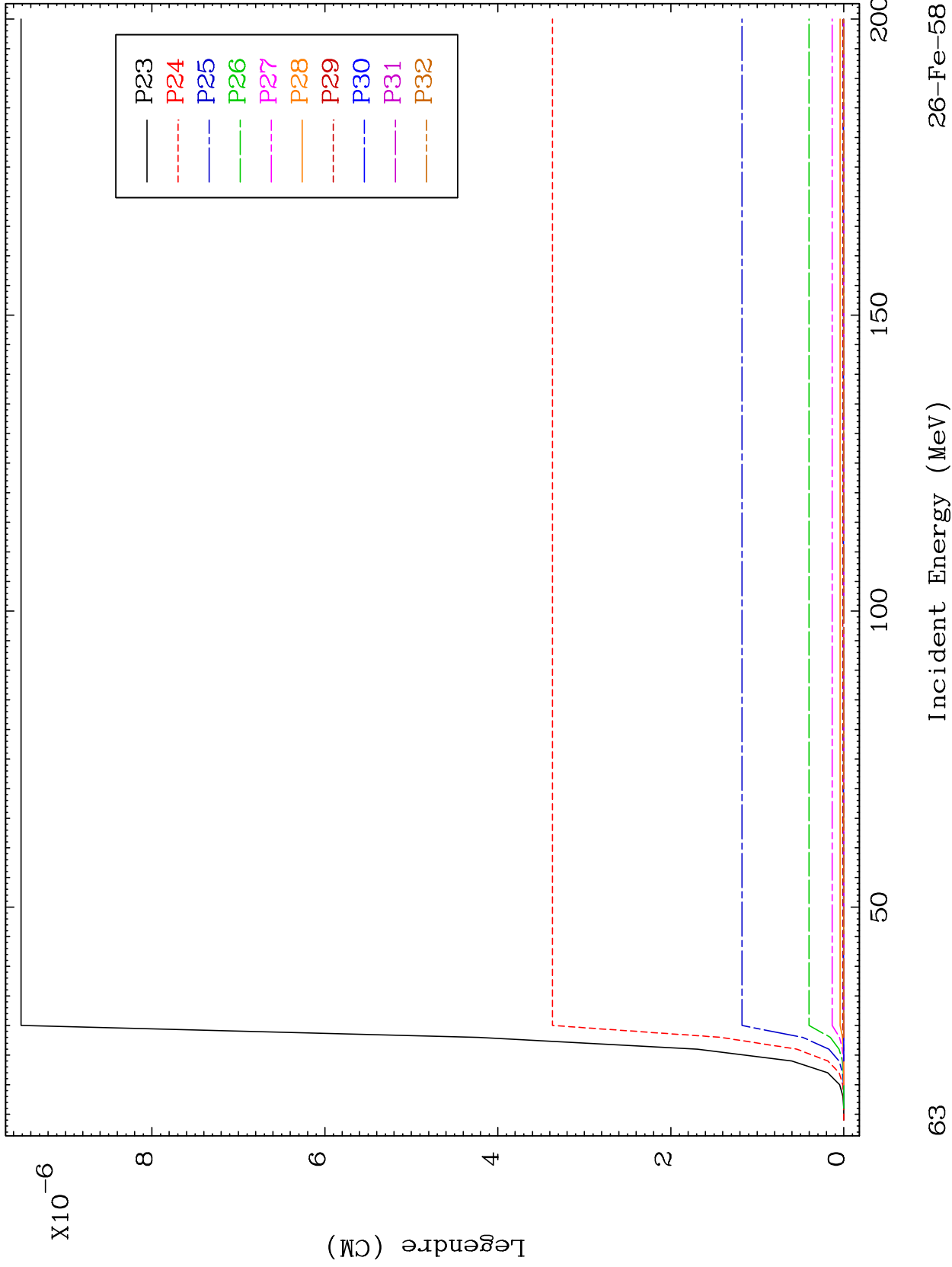
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

26-Fe-58



63

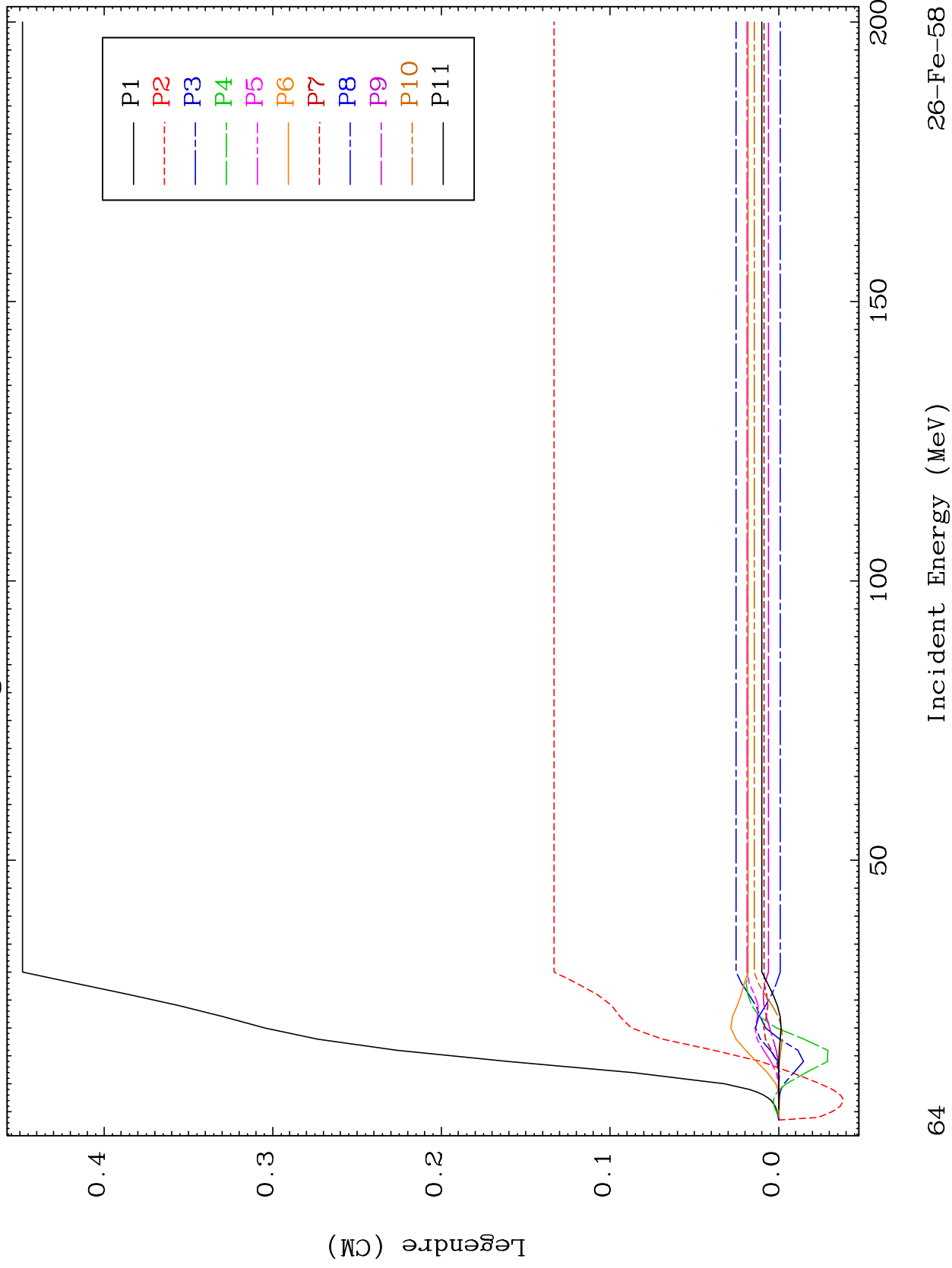
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

26-Fe-58



64

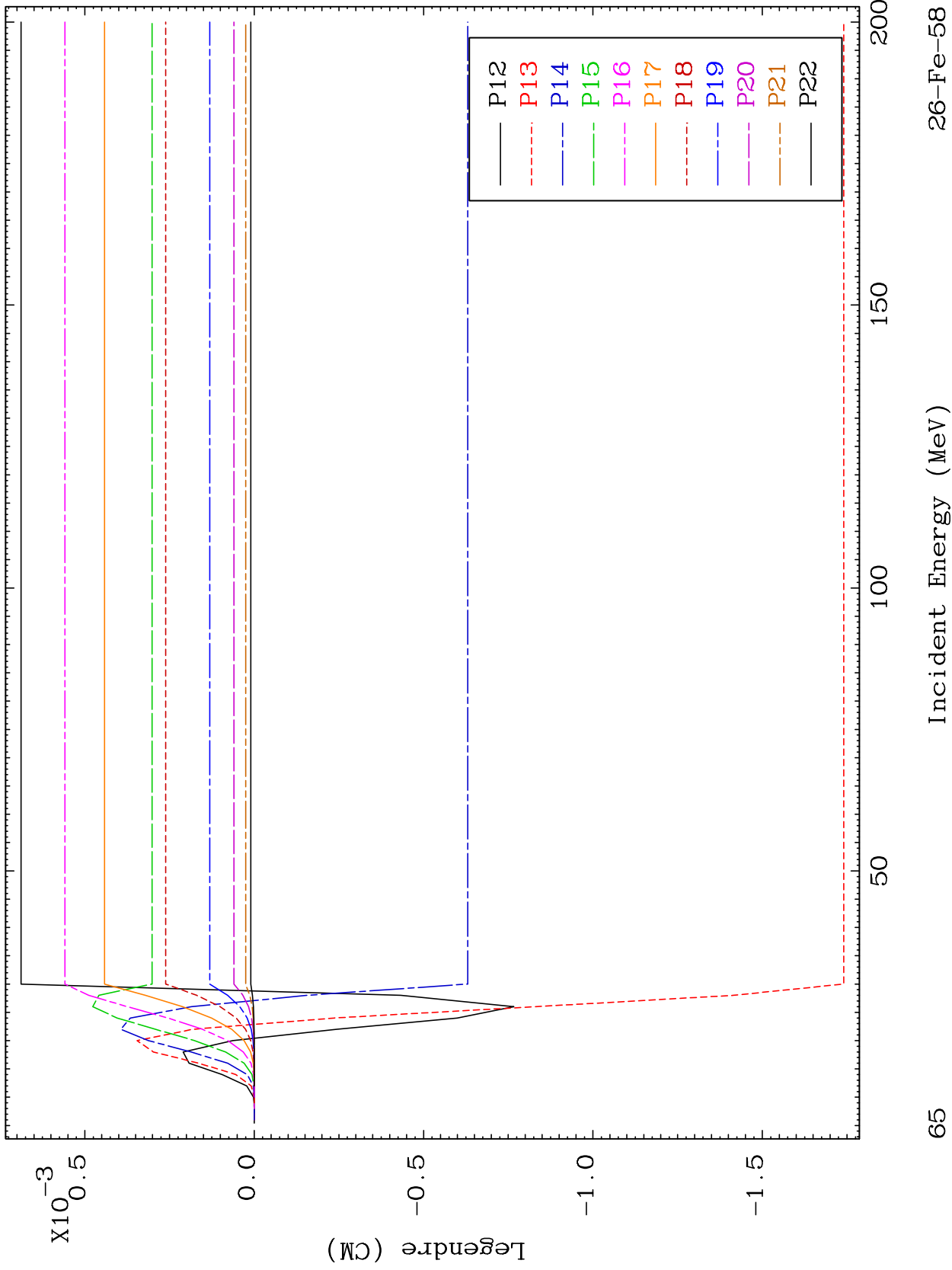
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

26-Fe-58



65

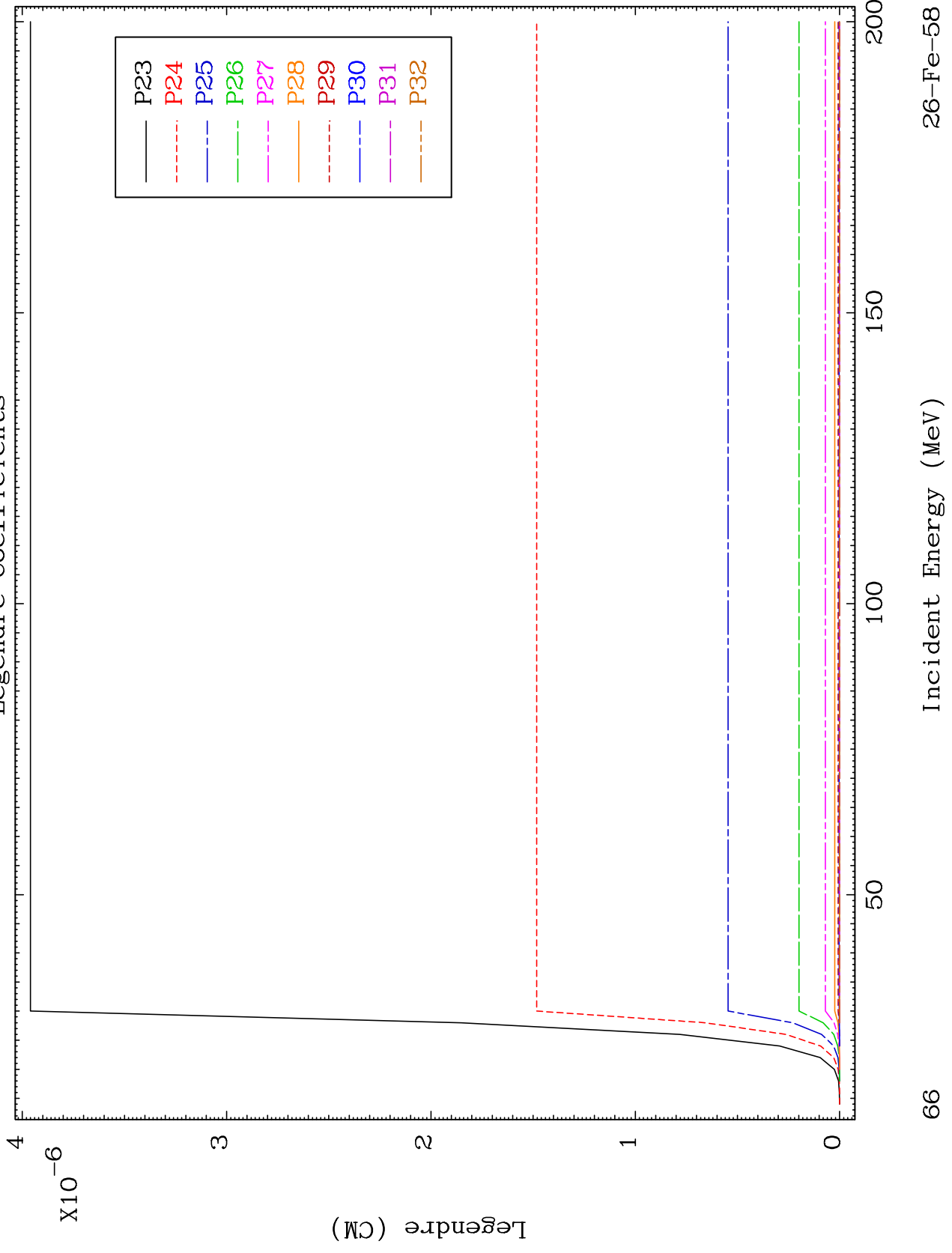
Incident Energy (MeV)

26-Fe-58

MAT 2637

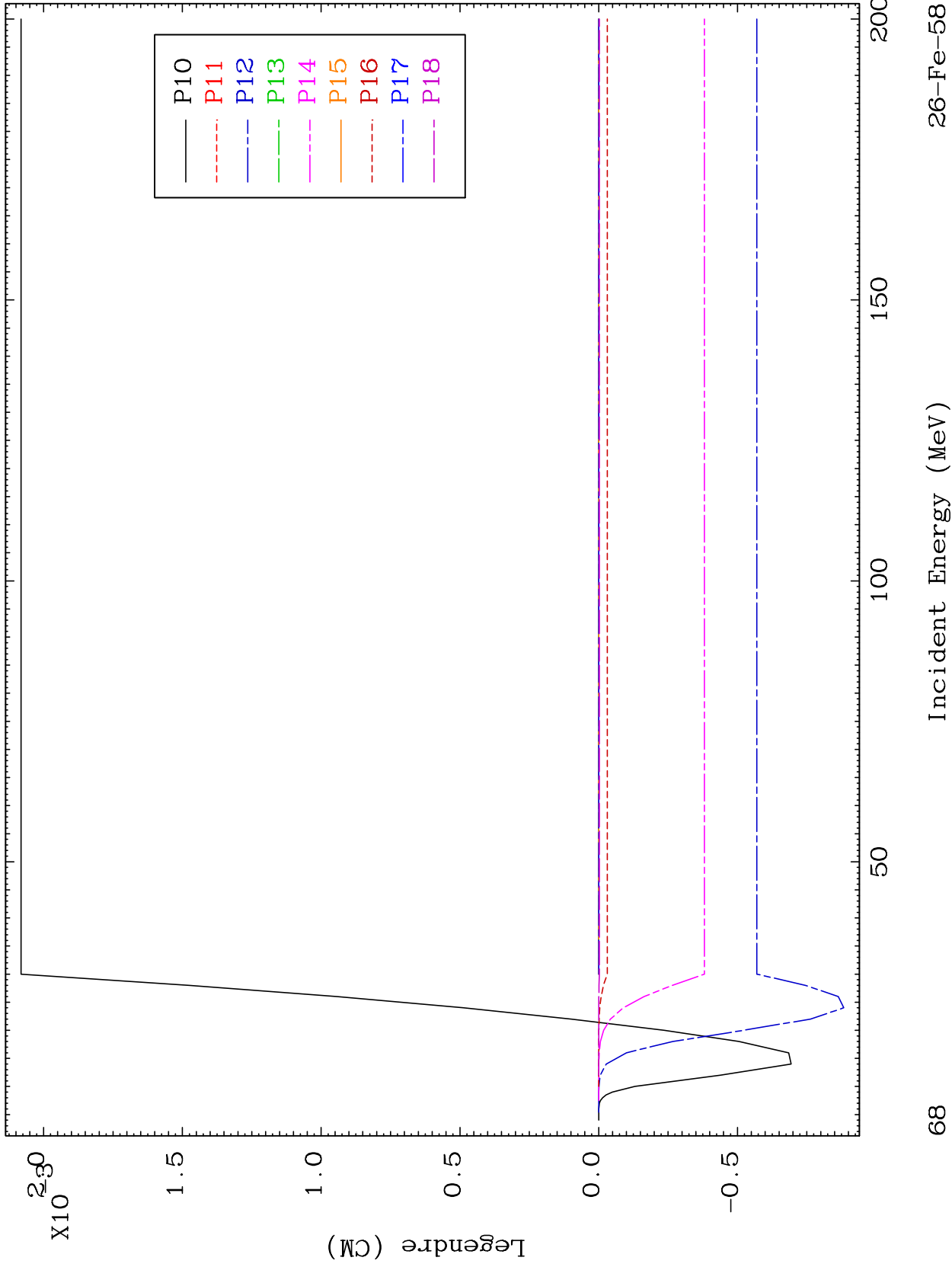
MT= 66 (n,n') Level
Legendre Coefficients

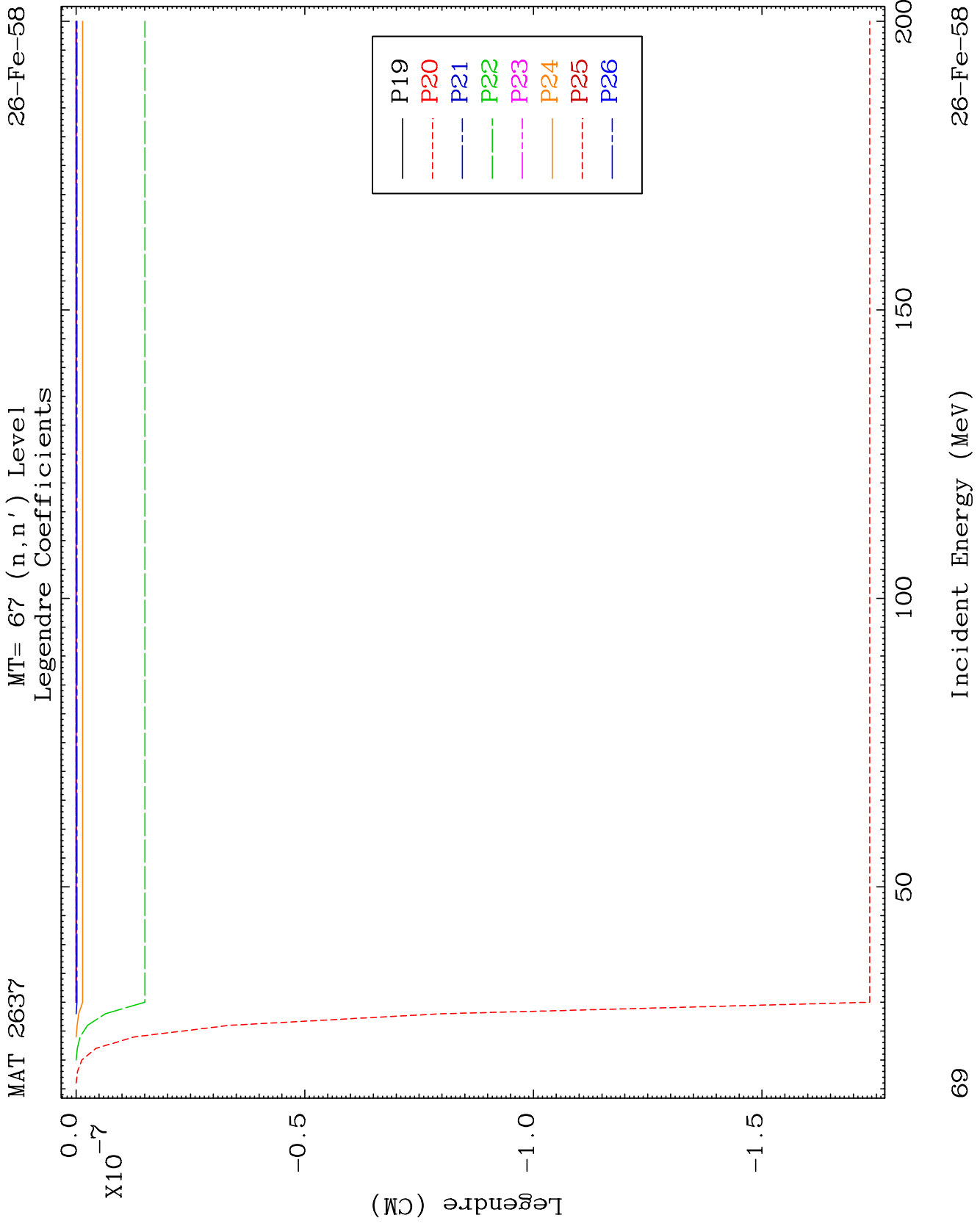
26-Fe-58

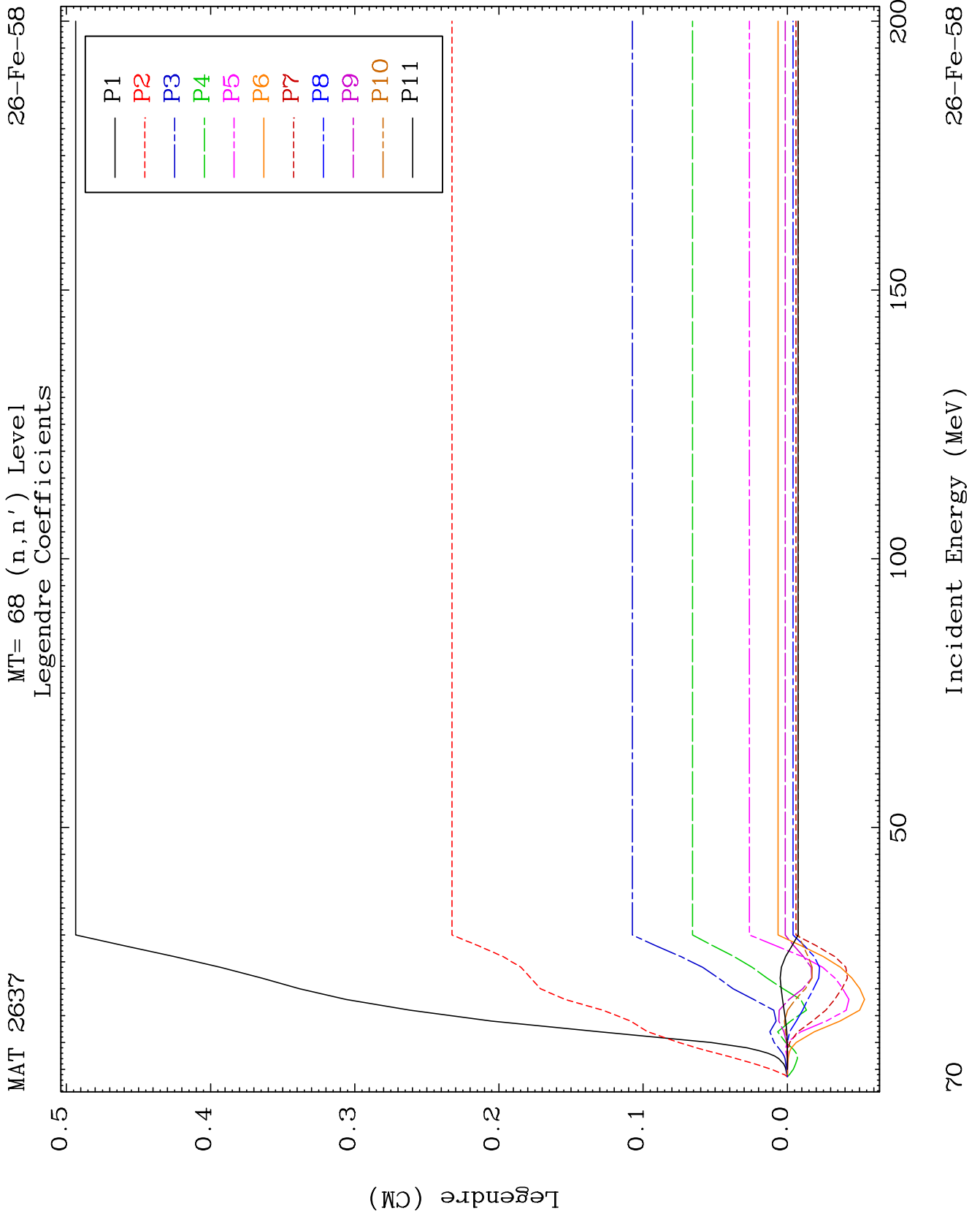


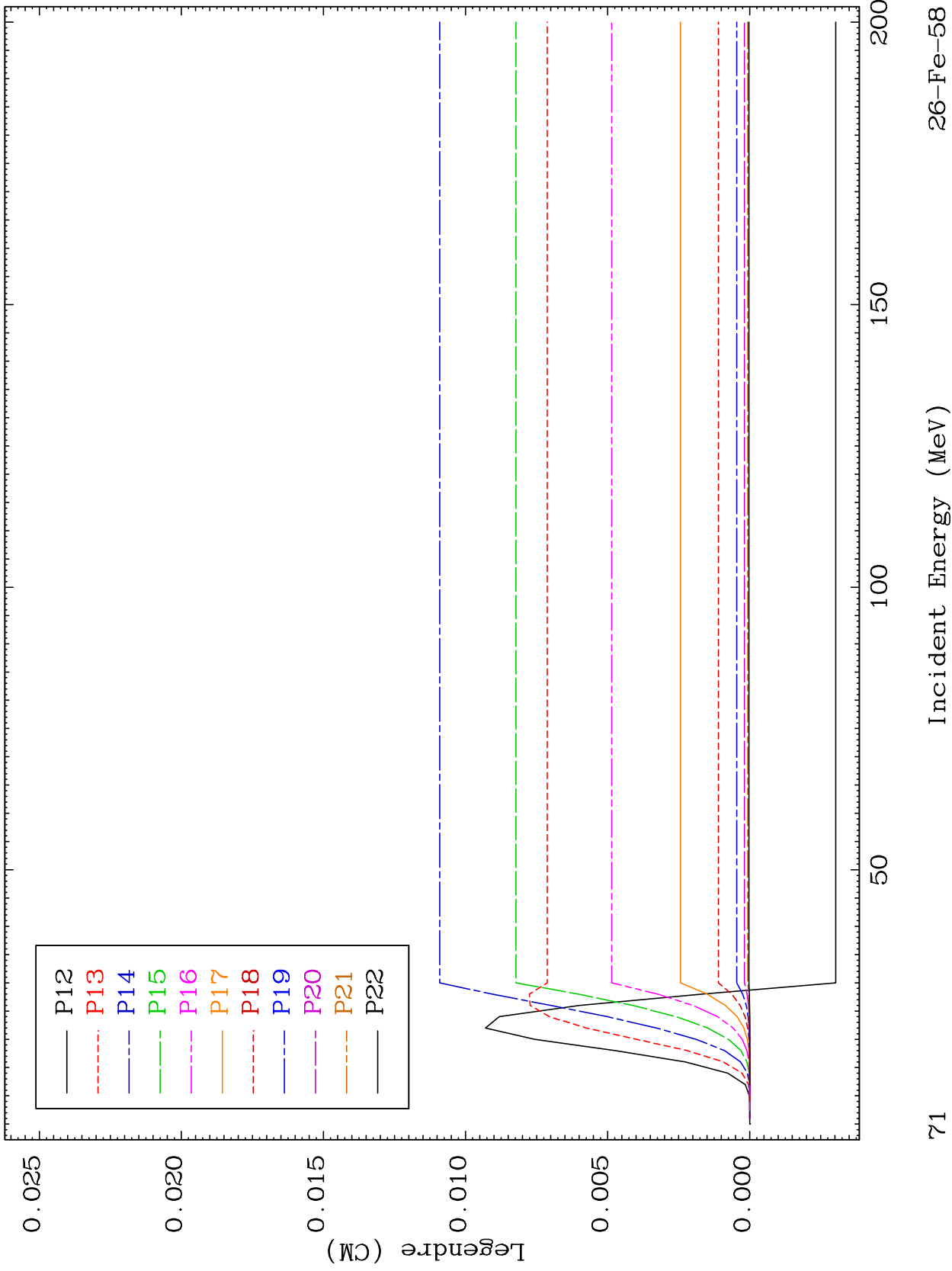
66

26-Fe-58





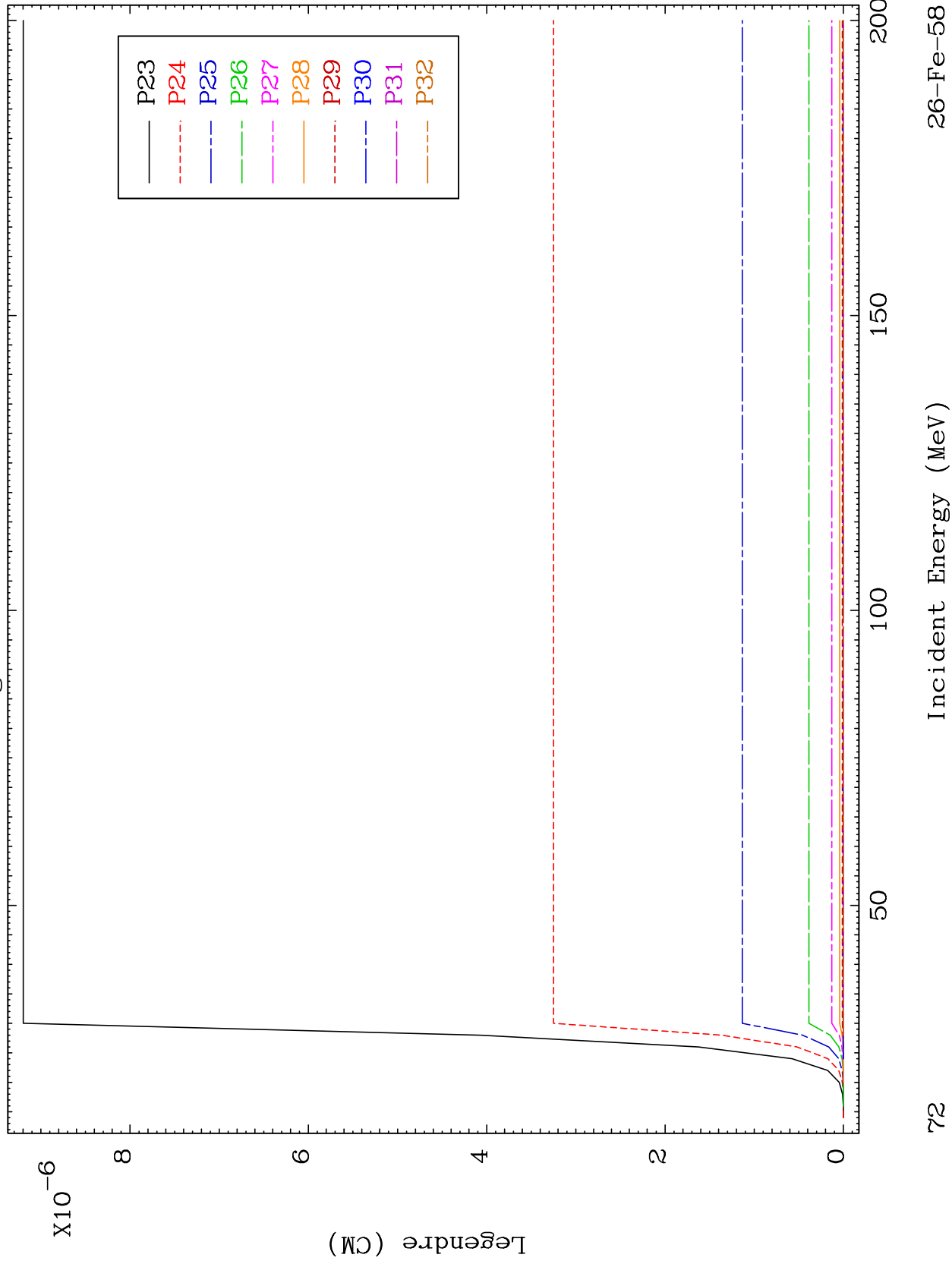




MAT 2637

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

26-Fe-58



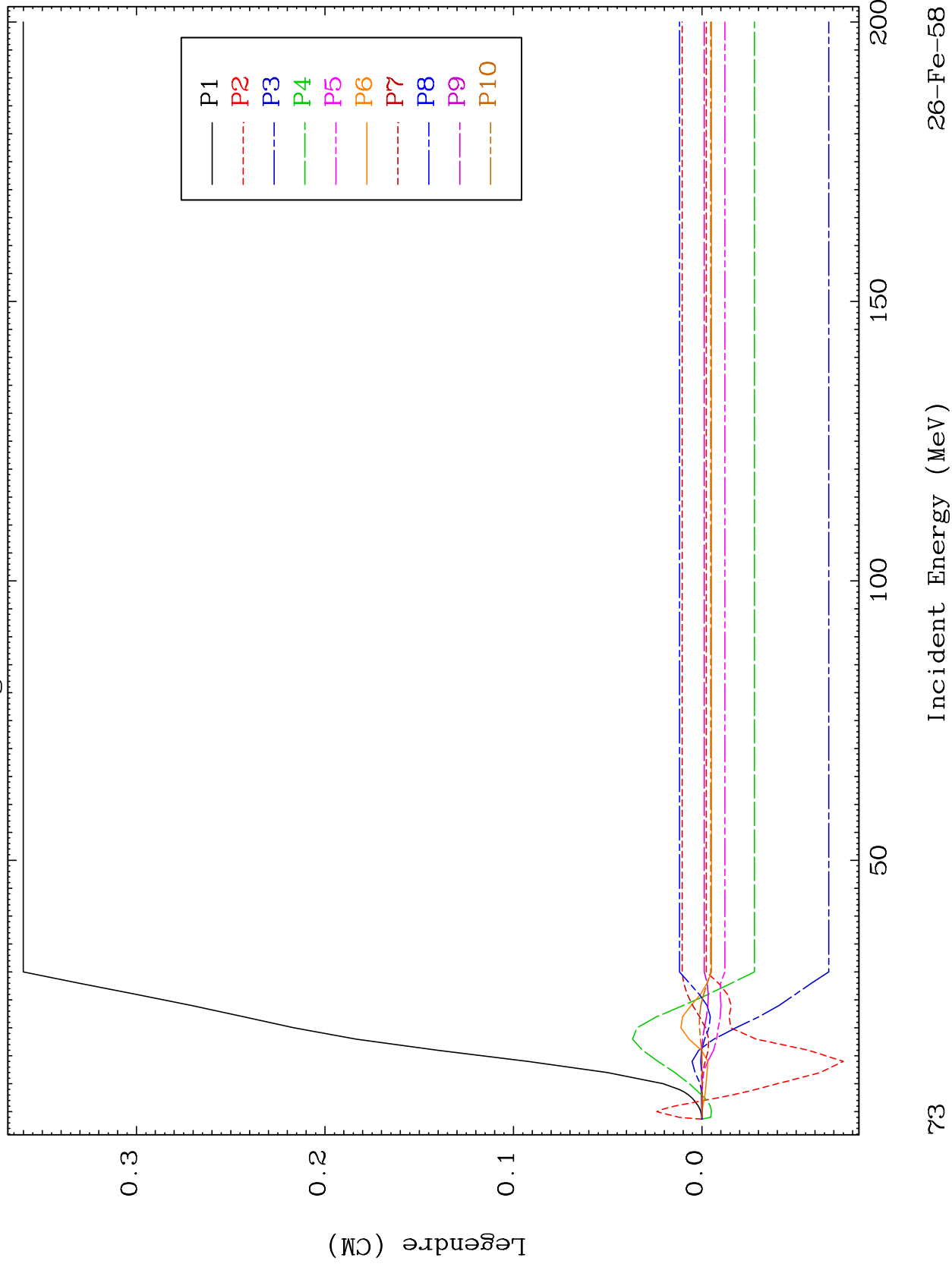
72

26-Fe-58

MAT 2637

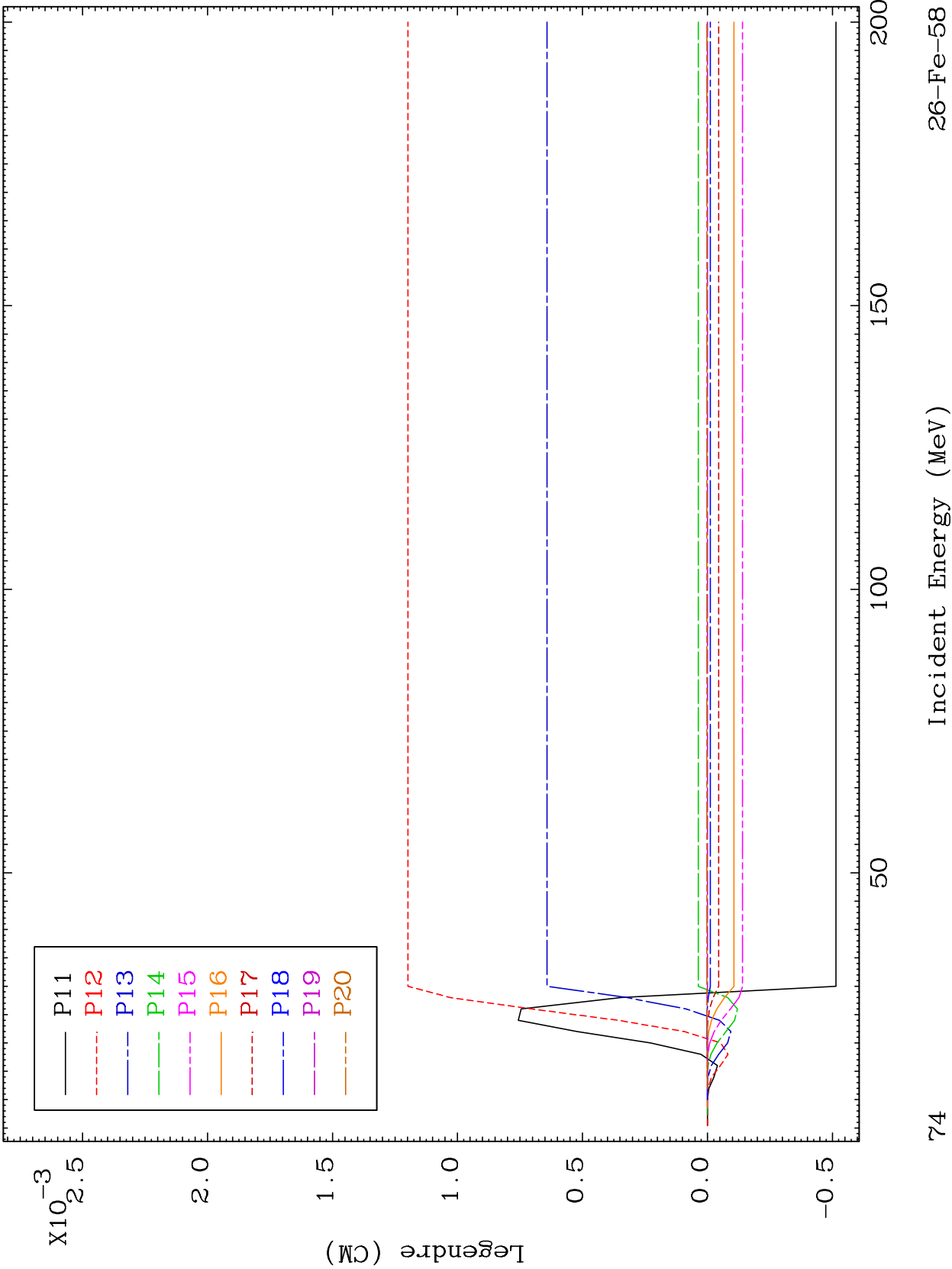
MT= 69 (n,n') Level
Legendre Coefficients

26-Fe-58



73

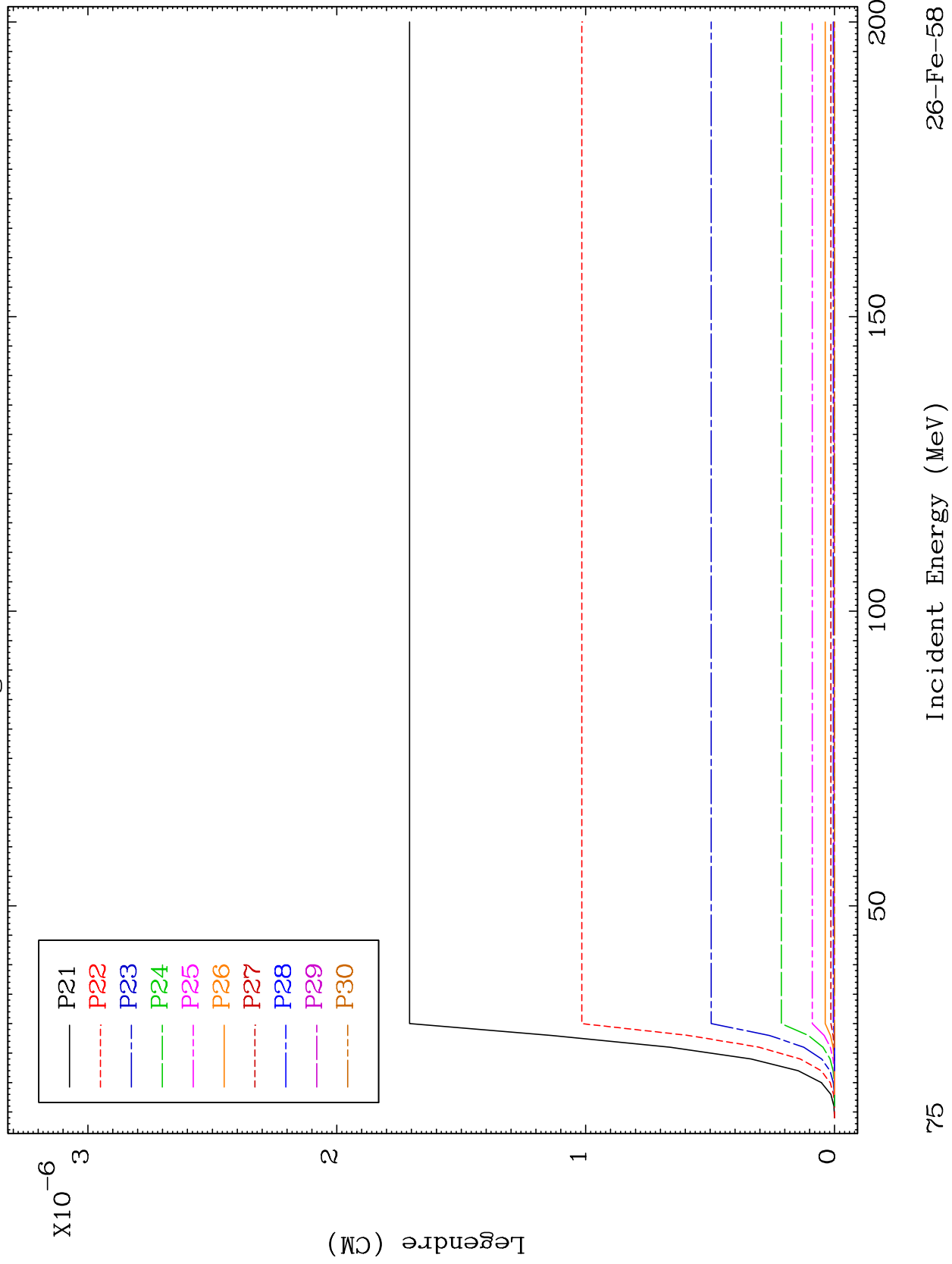
26-Fe-58

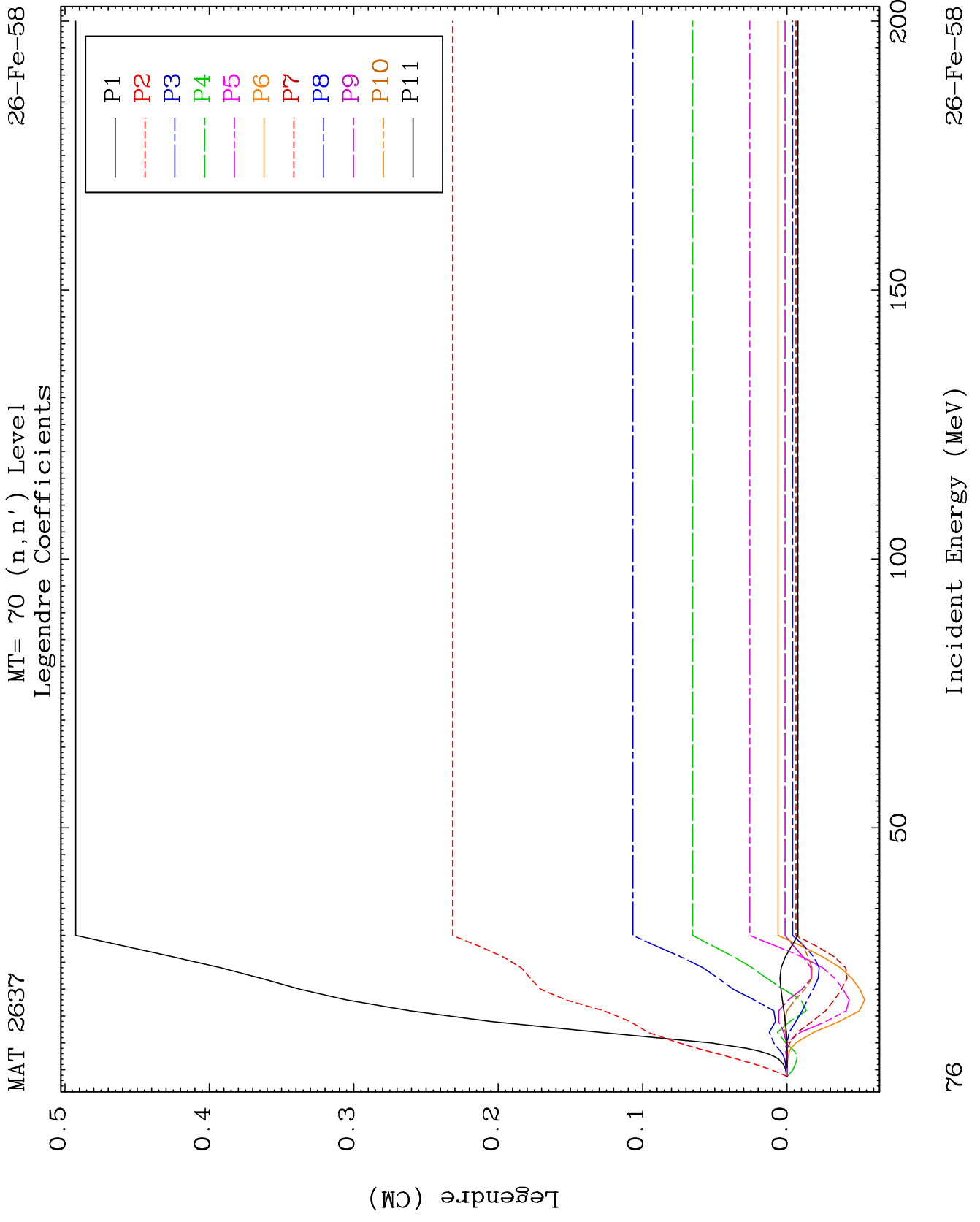


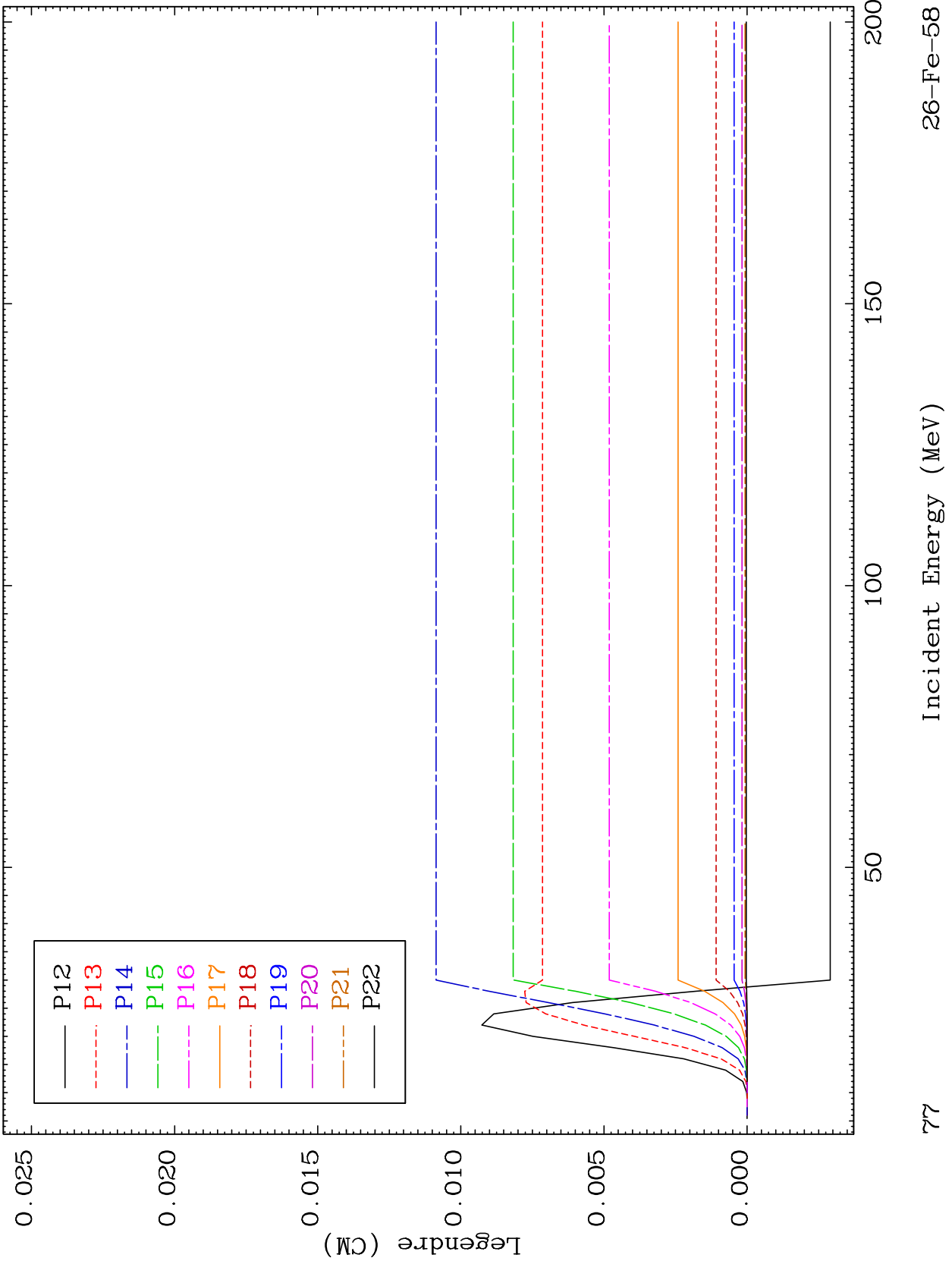
MAT 2637

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

26-Fe-58



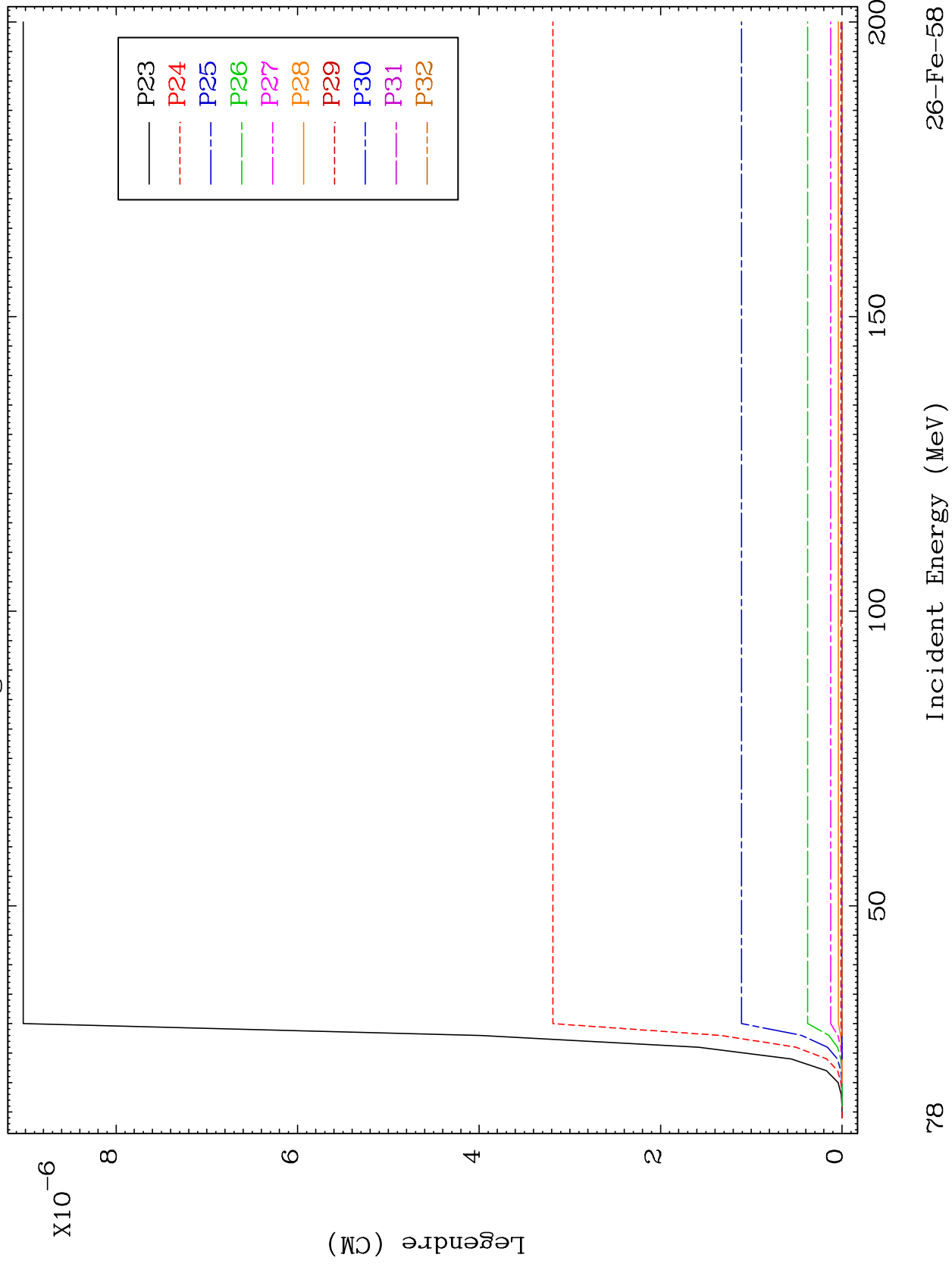




MAT 2637

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

26-Fe-58



78

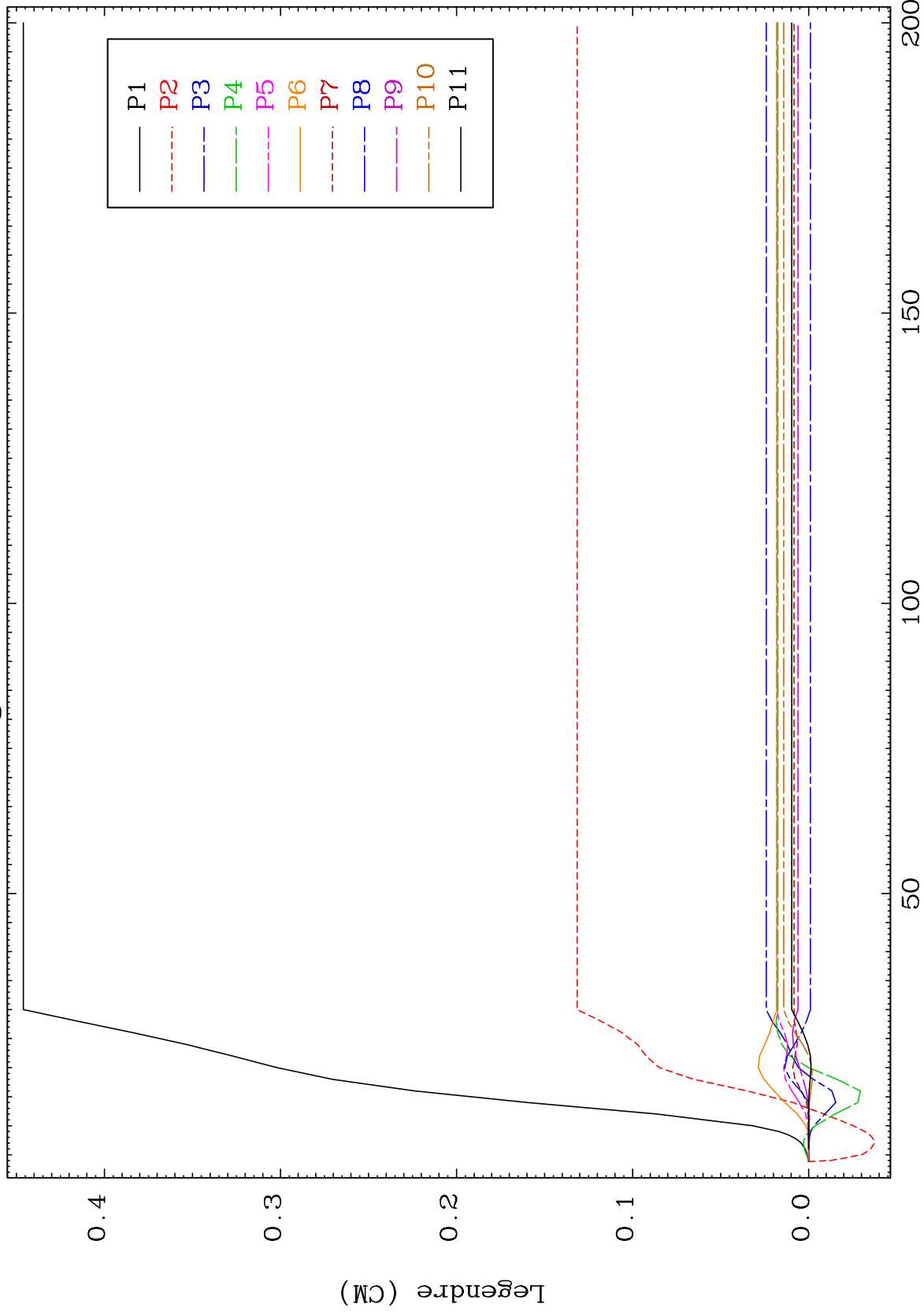
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

26-Fe-58



79

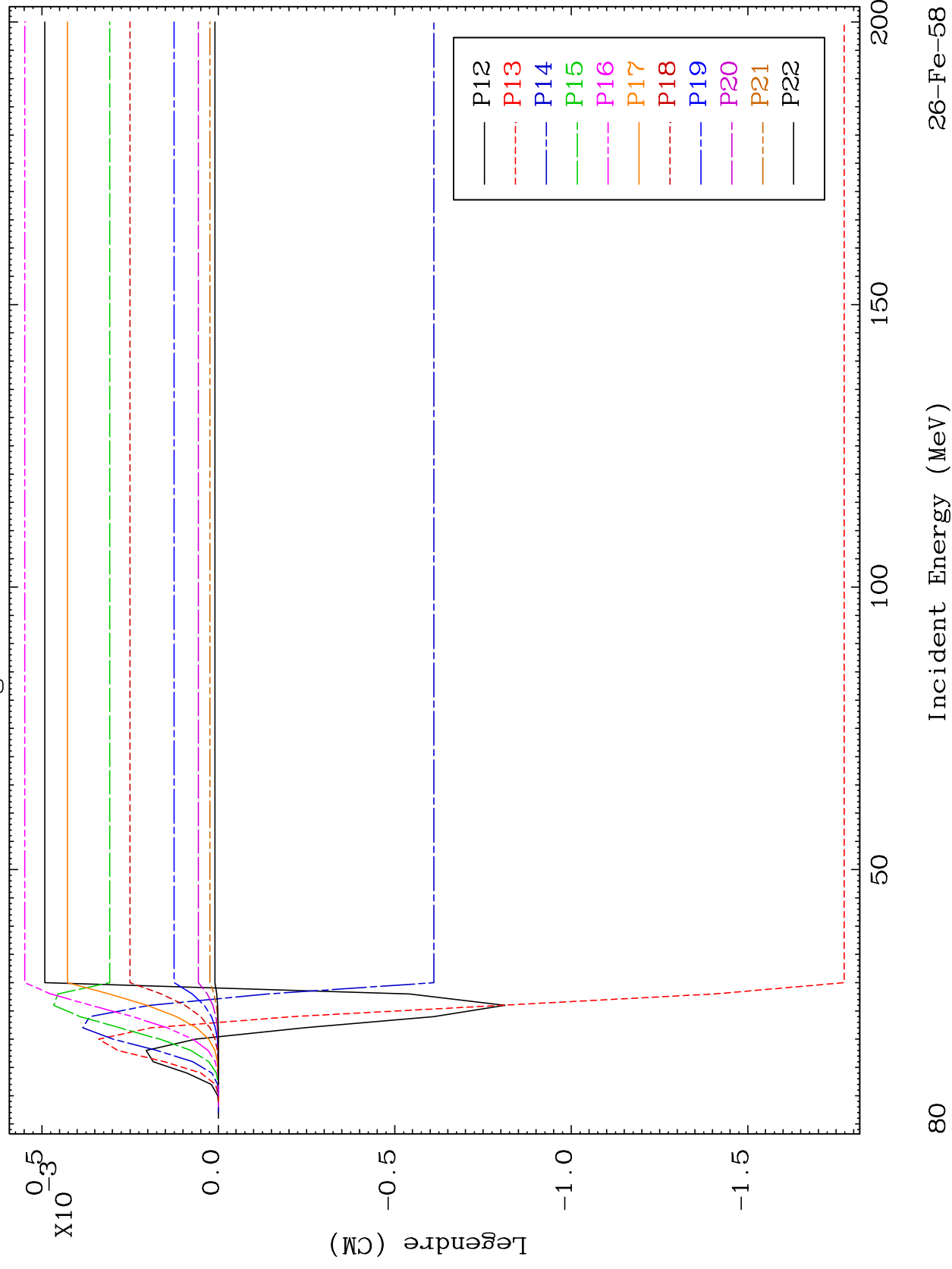
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

26-Fe-58



80

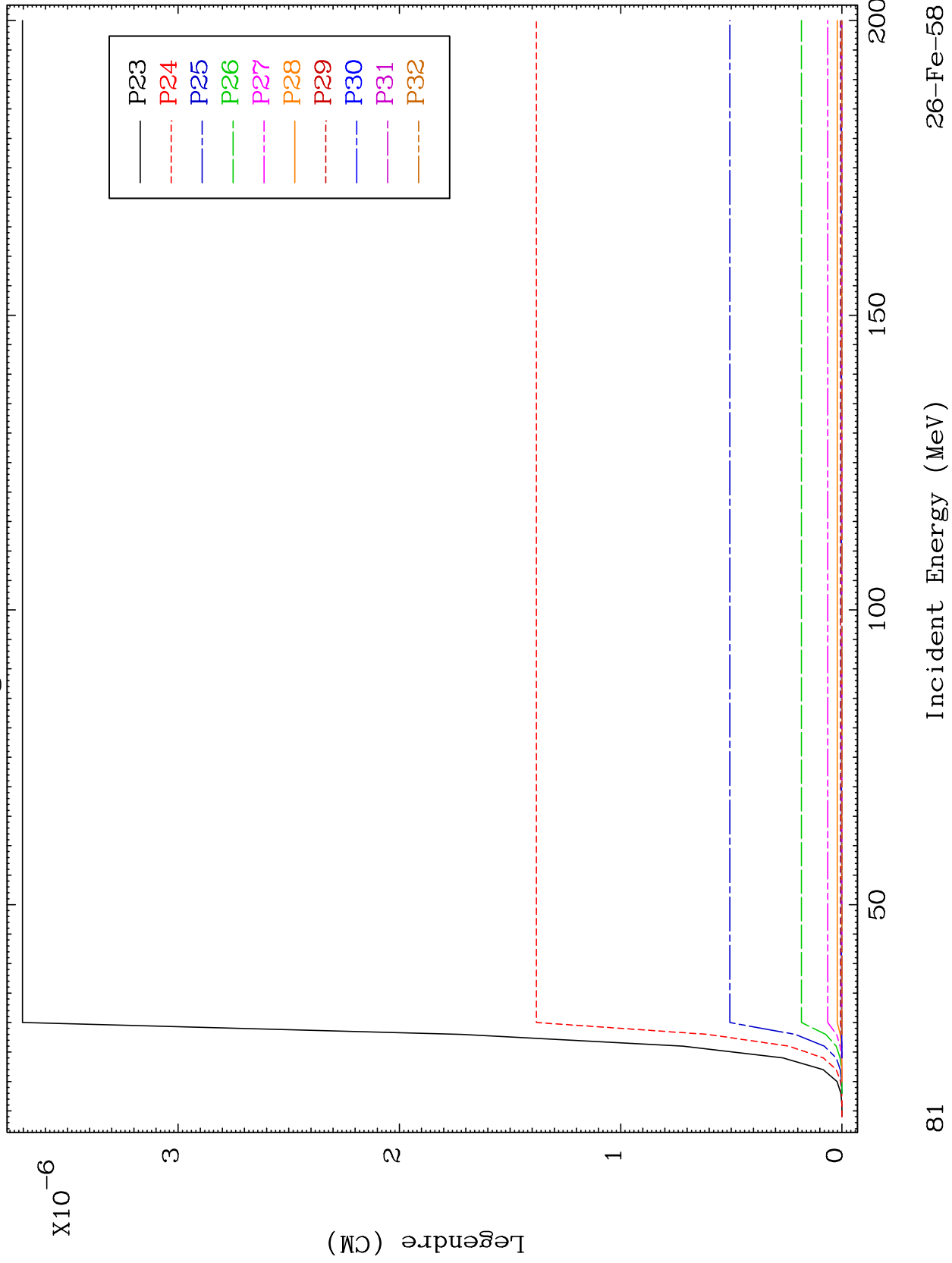
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

26-Fe-58



81

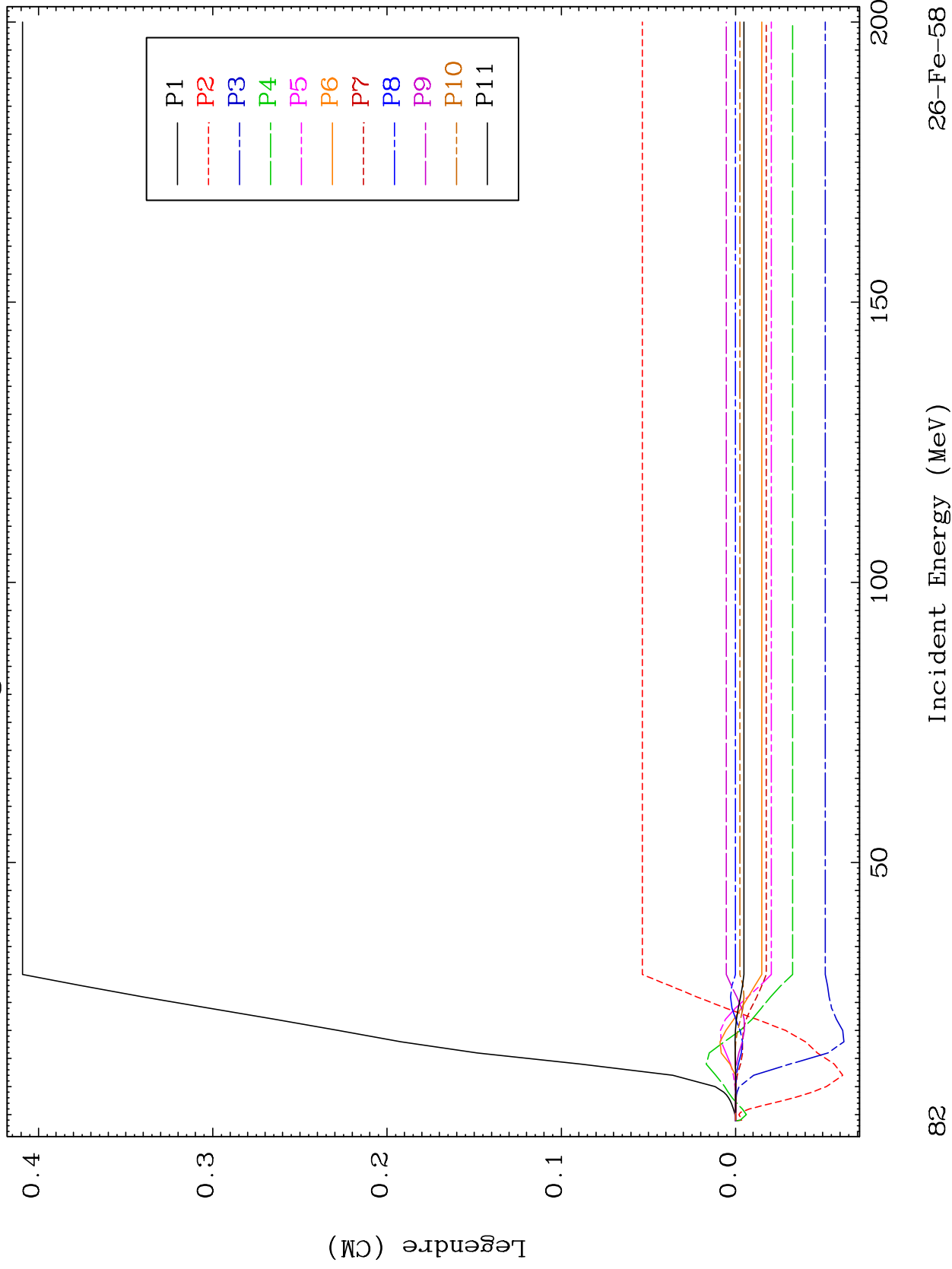
Incident Energy (MeV)

26-Fe-58

MAT 2637

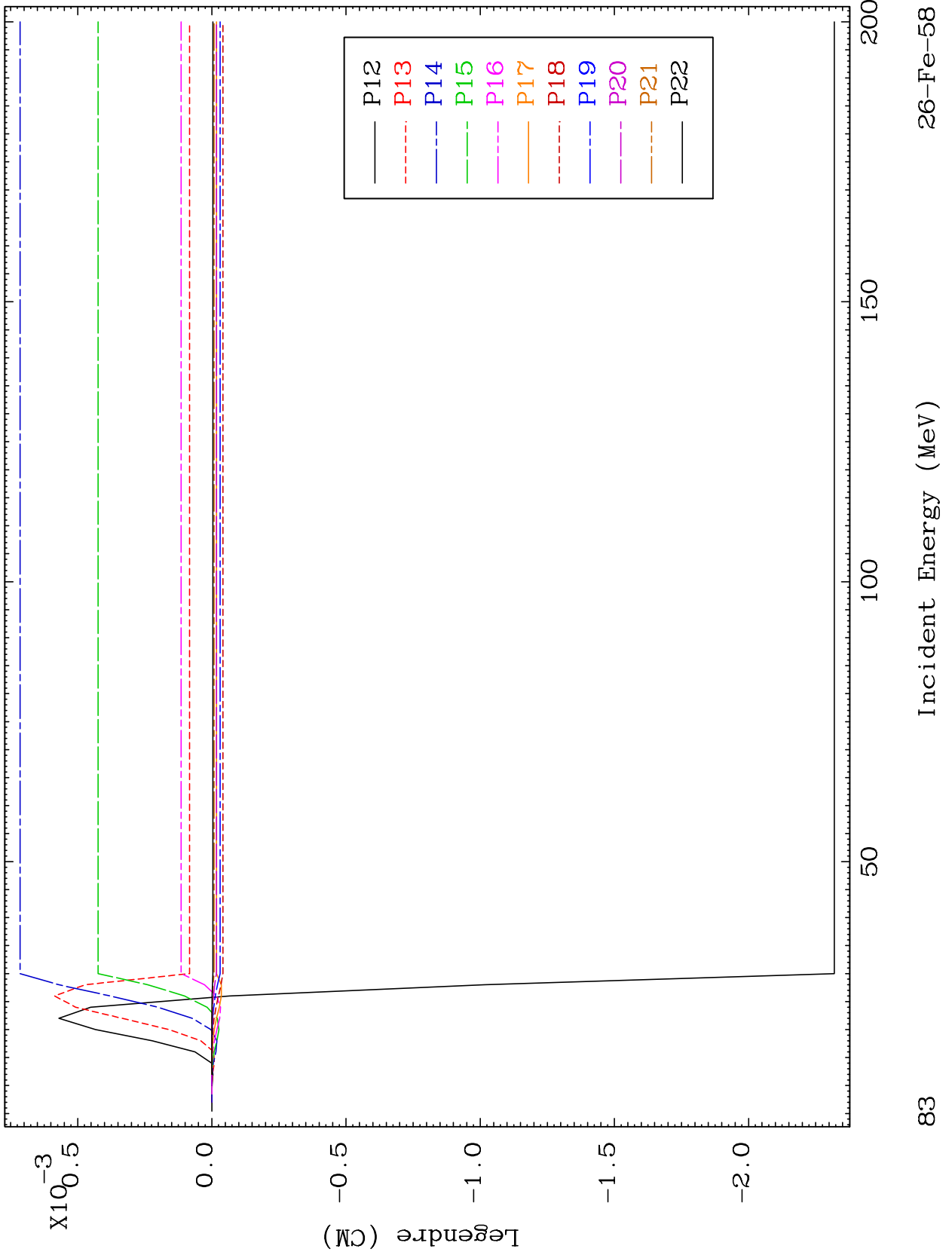
MT= 72 (n,n') Level
Legendre Coefficients

26-Fe-58



82

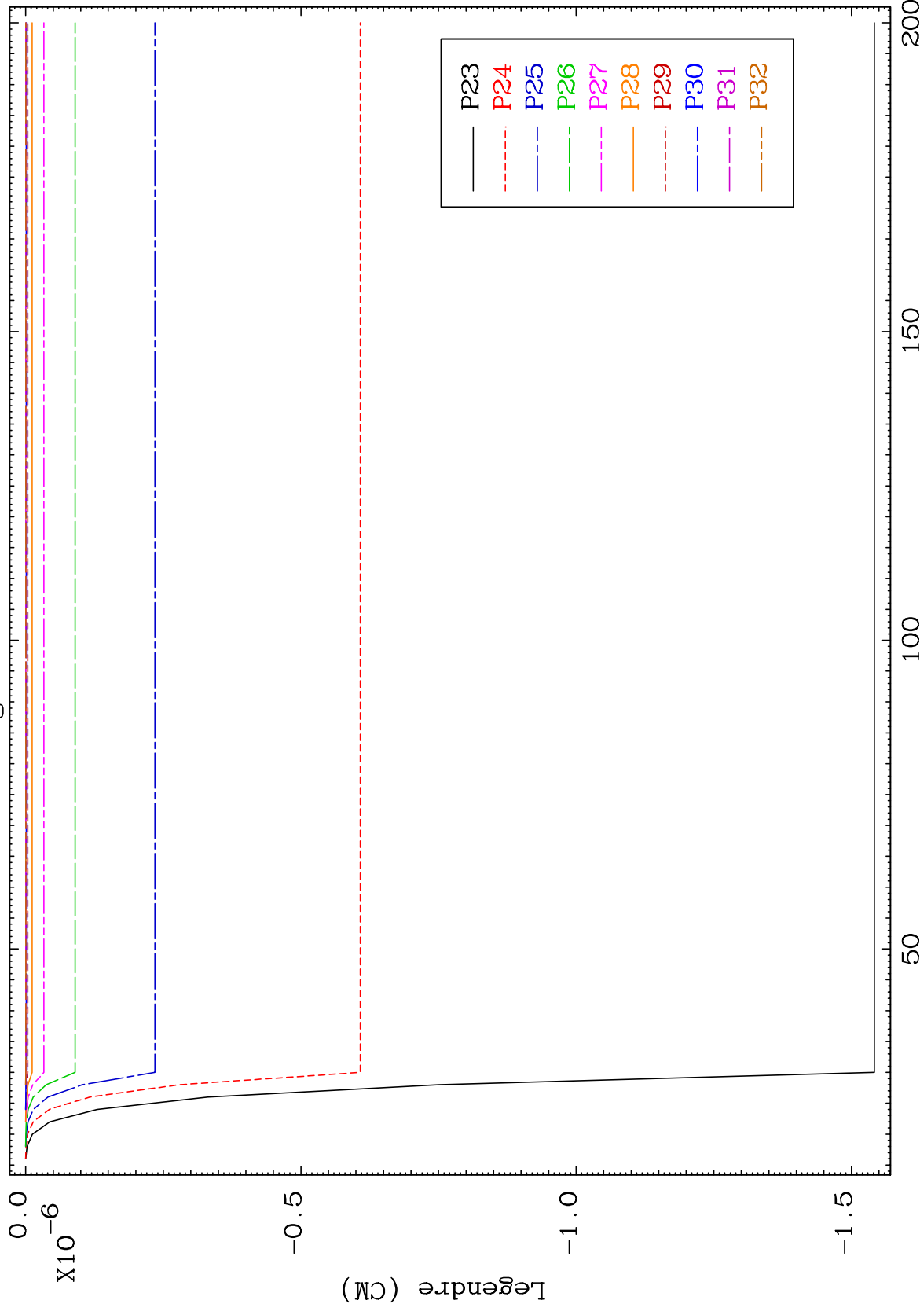
26-Fe-58



MAT 2637

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

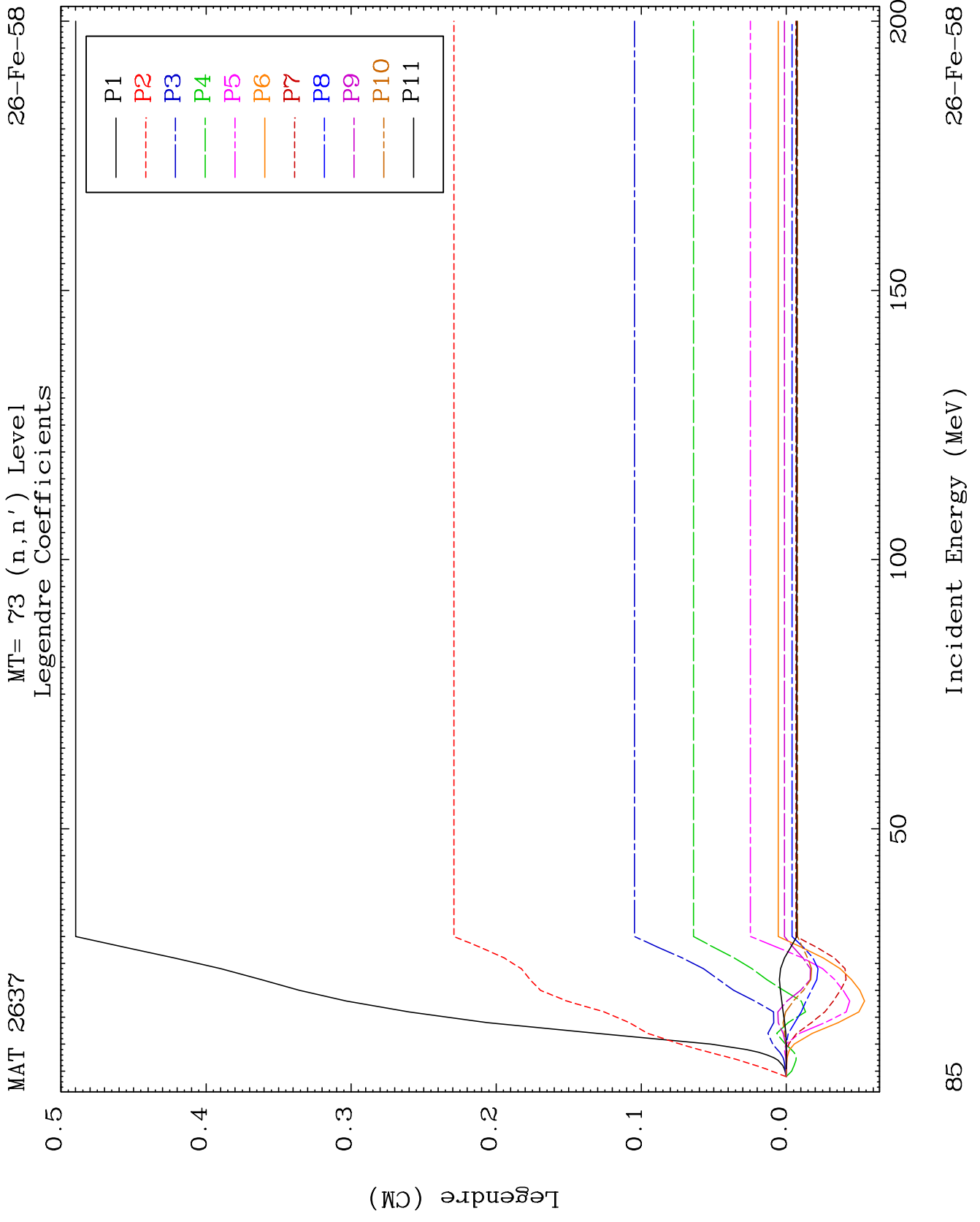
26-Fe-58

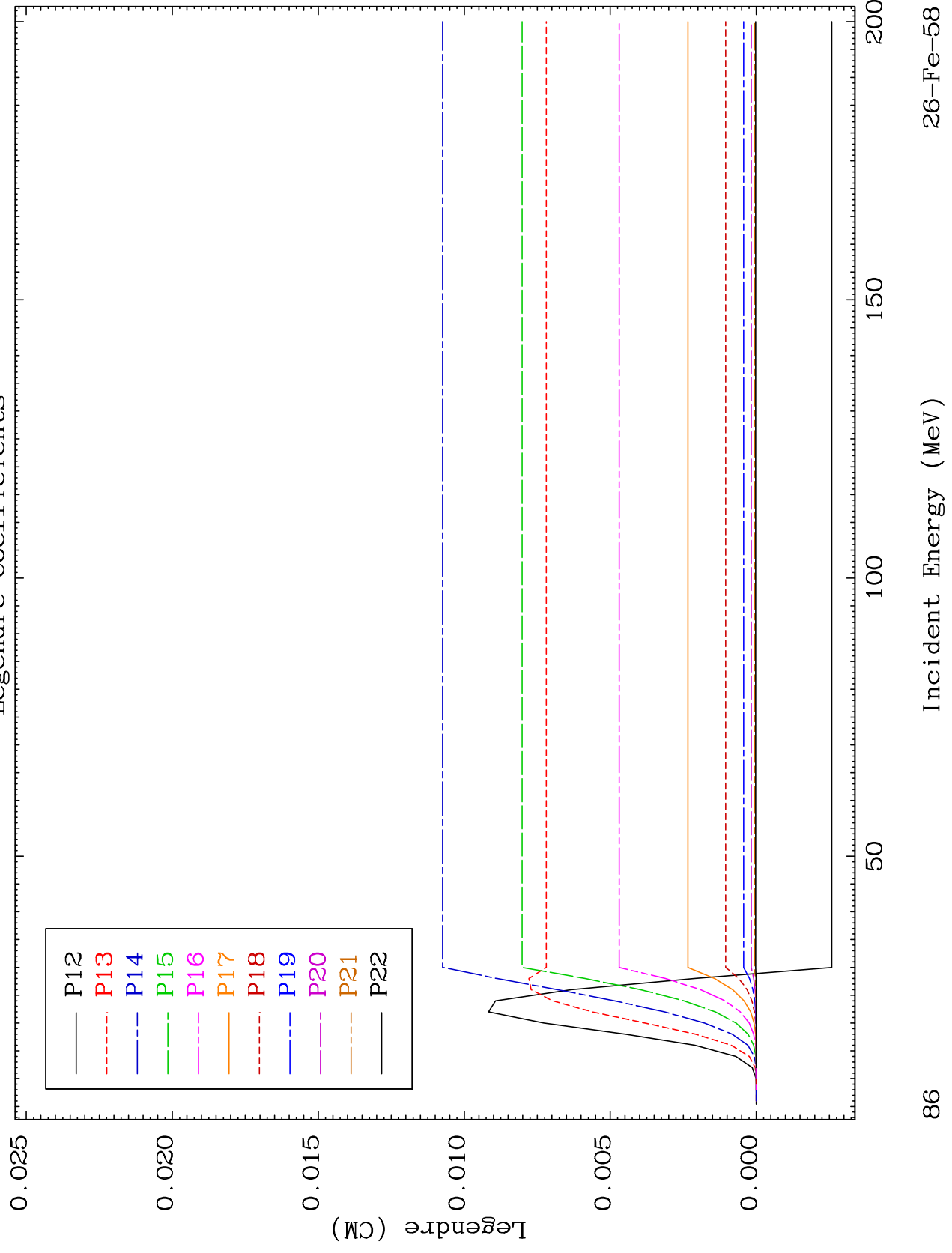


84

Incident Energy (MeV)

26-Fe-58

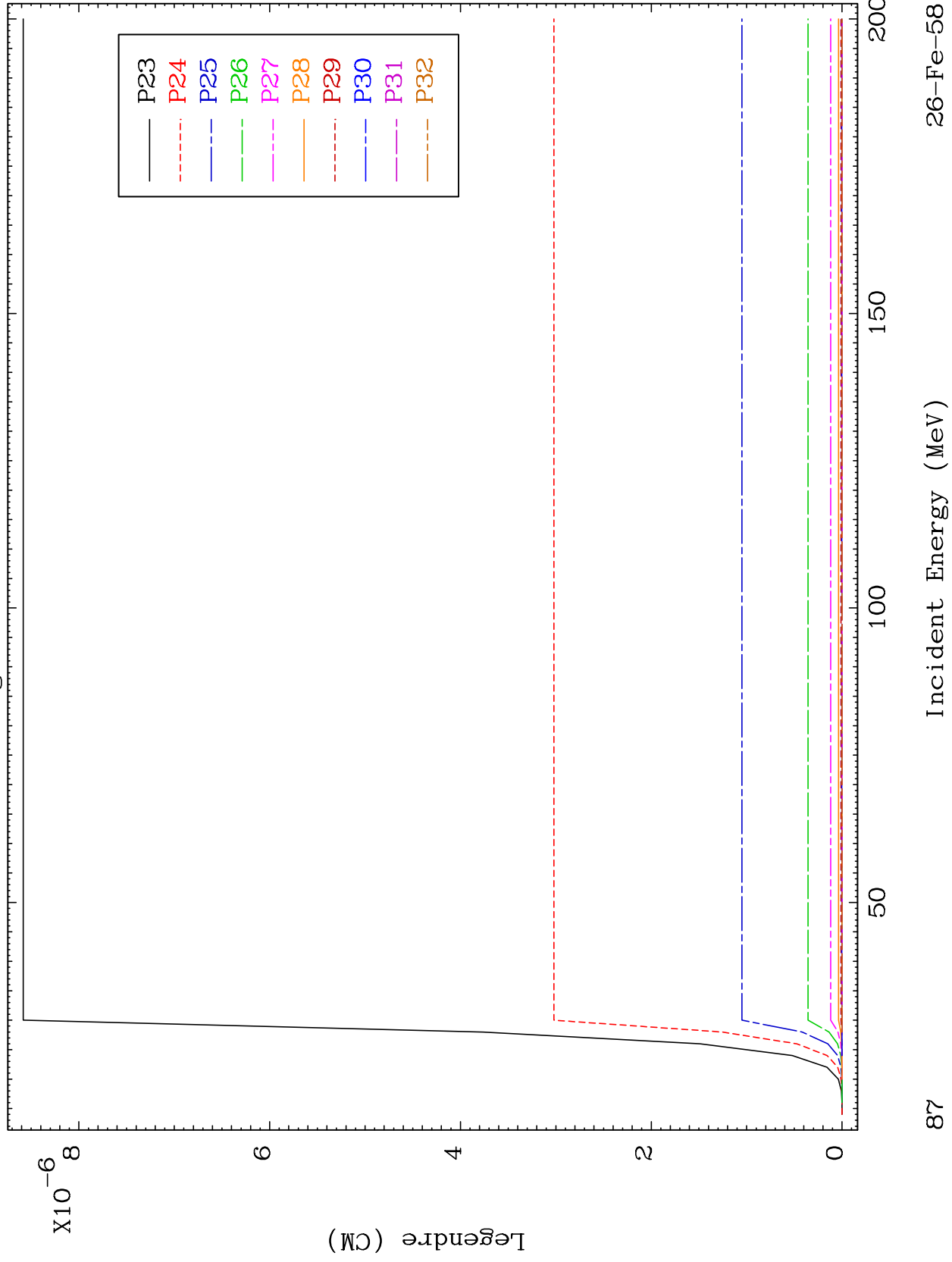




MAT 2637

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

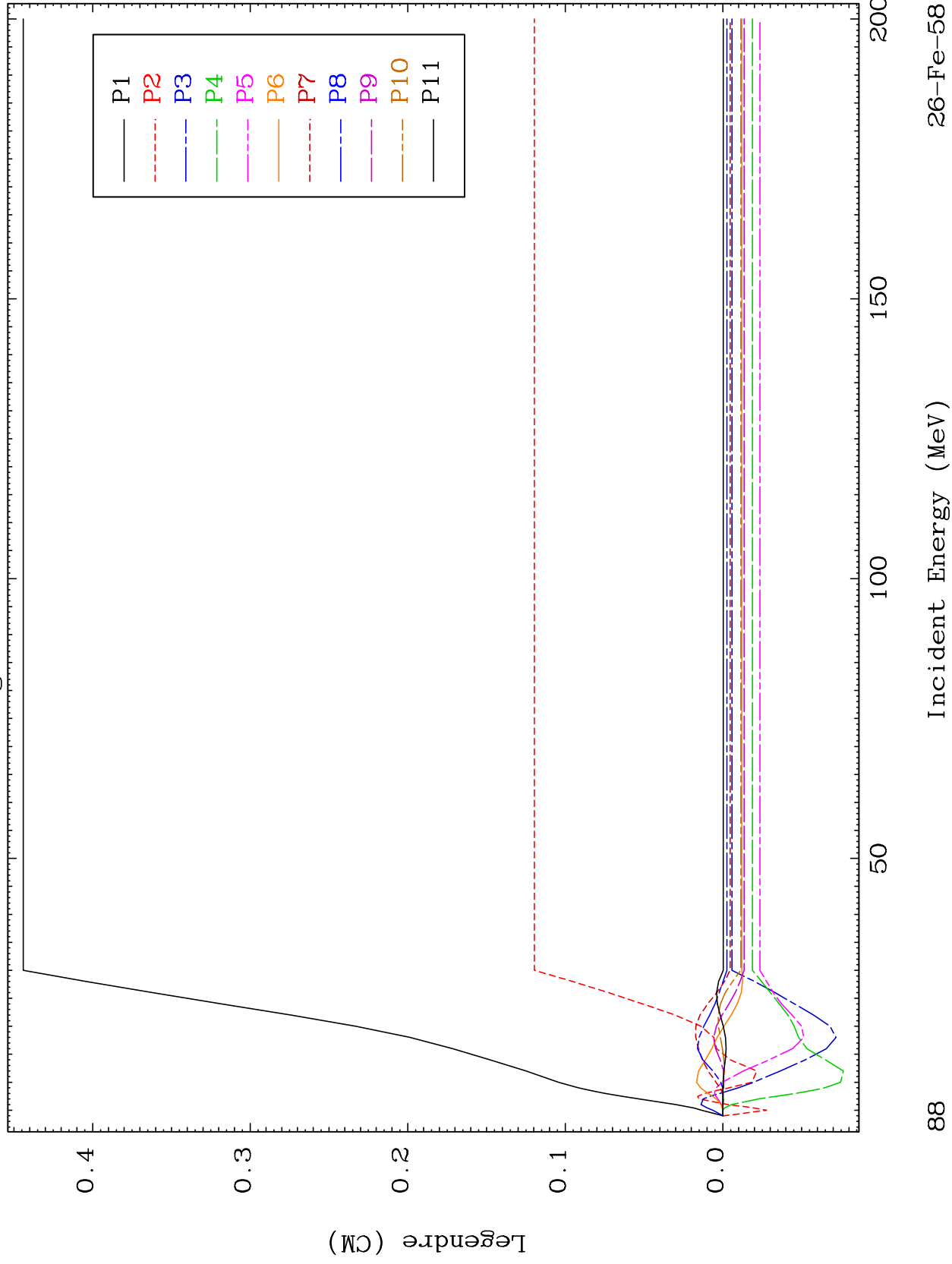
26-Fe-58



MAT 2637

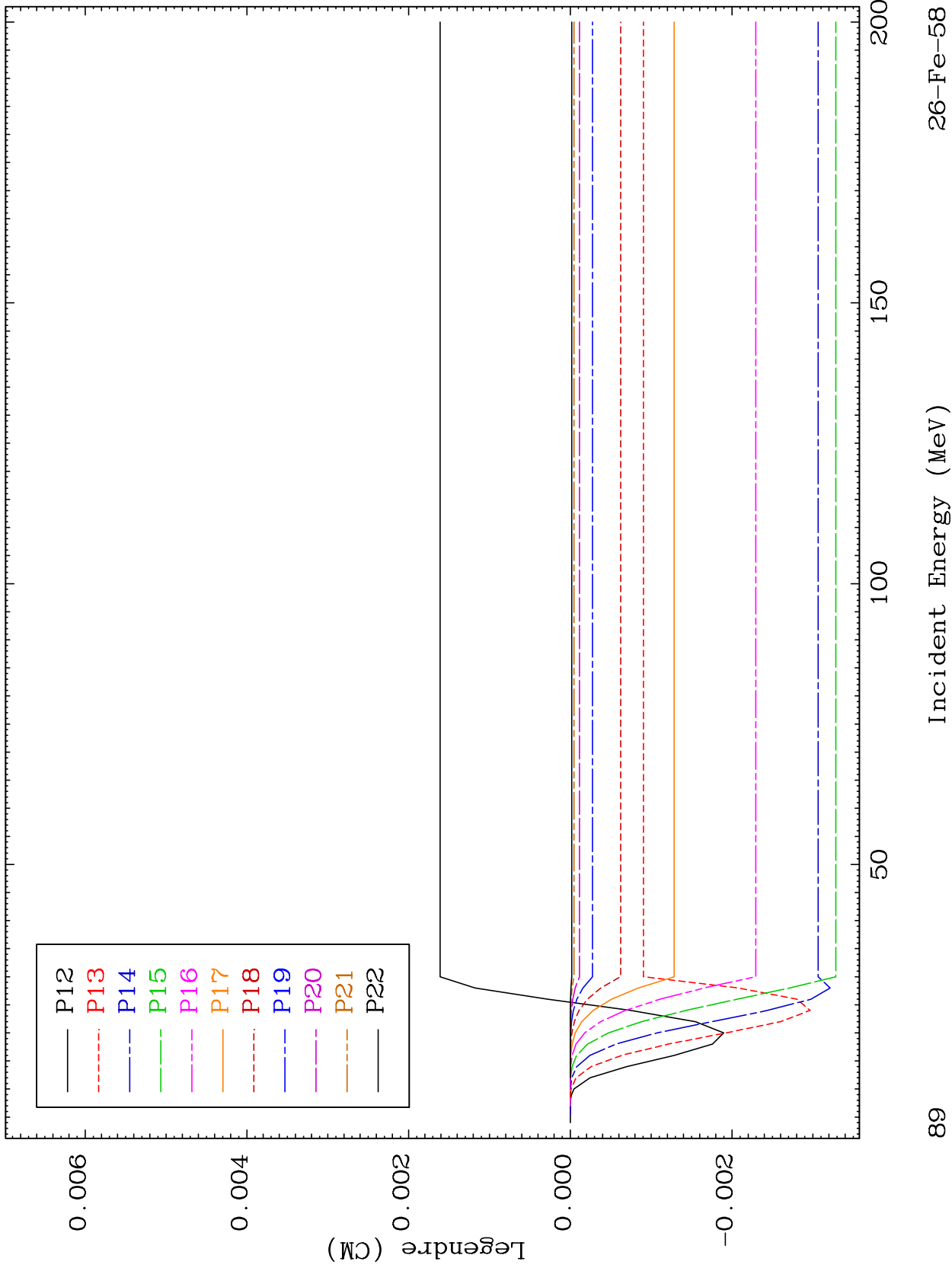
MT= 74 (n,n') Level
Legendre Coefficients

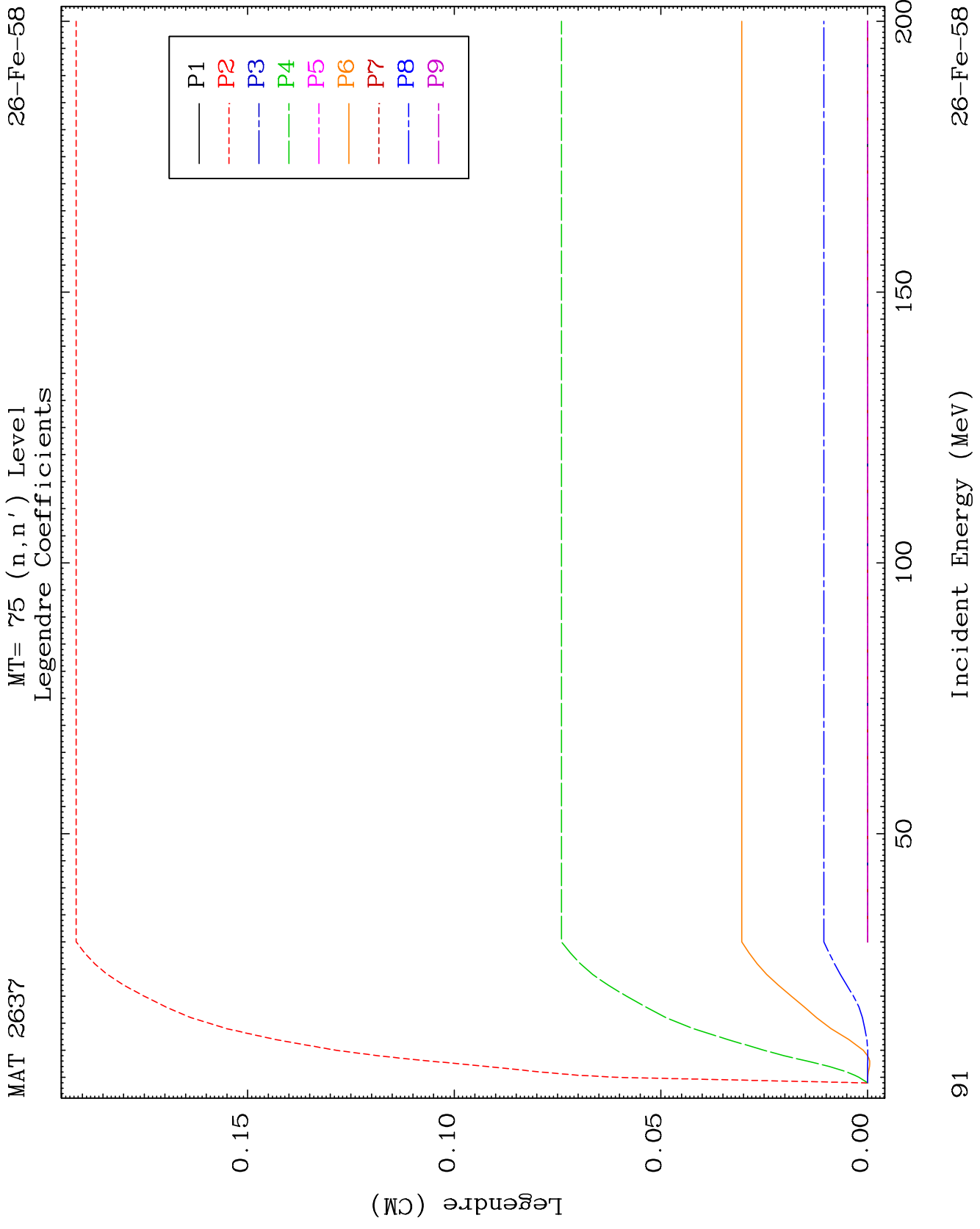
26-Fe-58



88

26-Fe-58

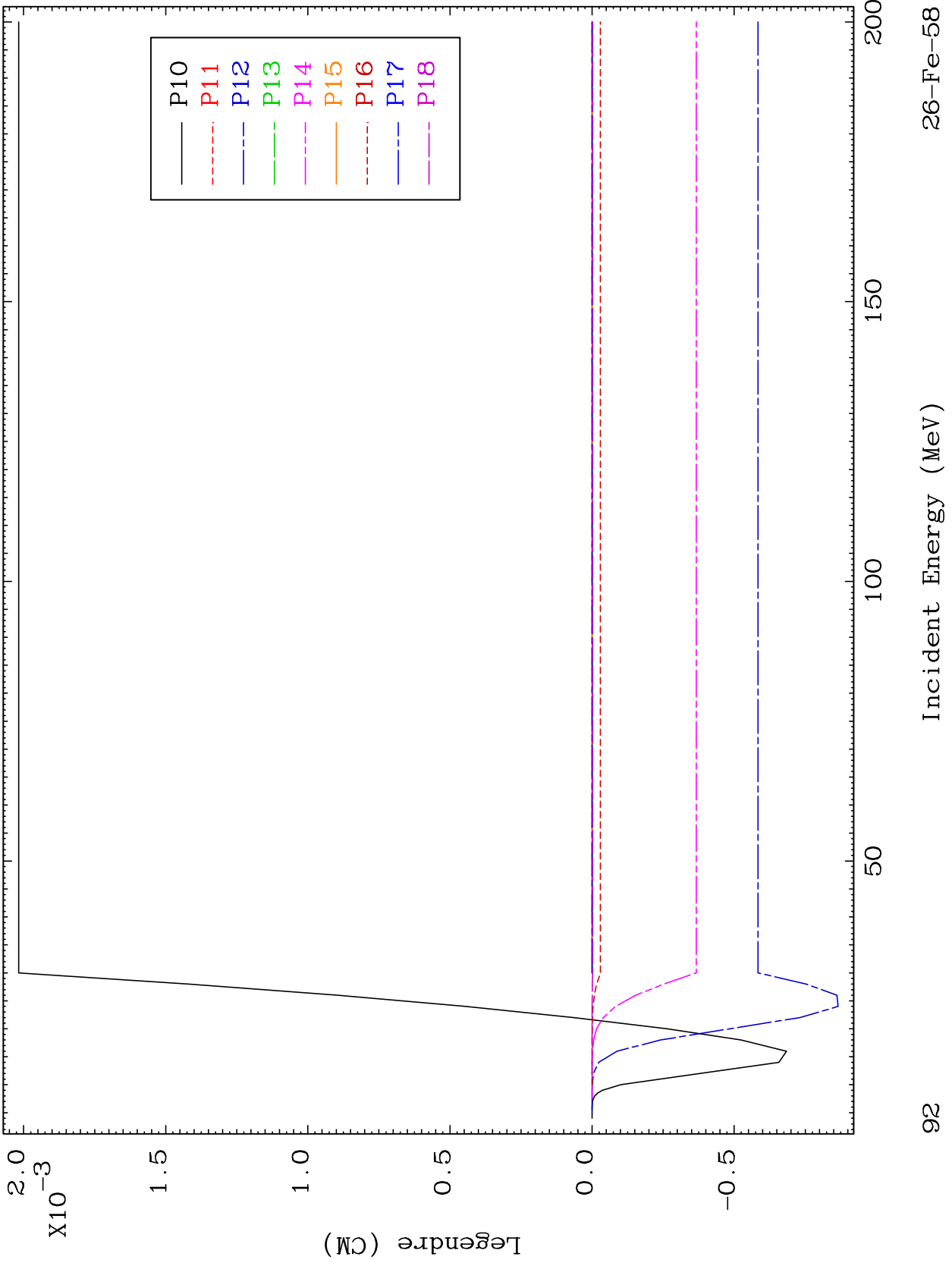


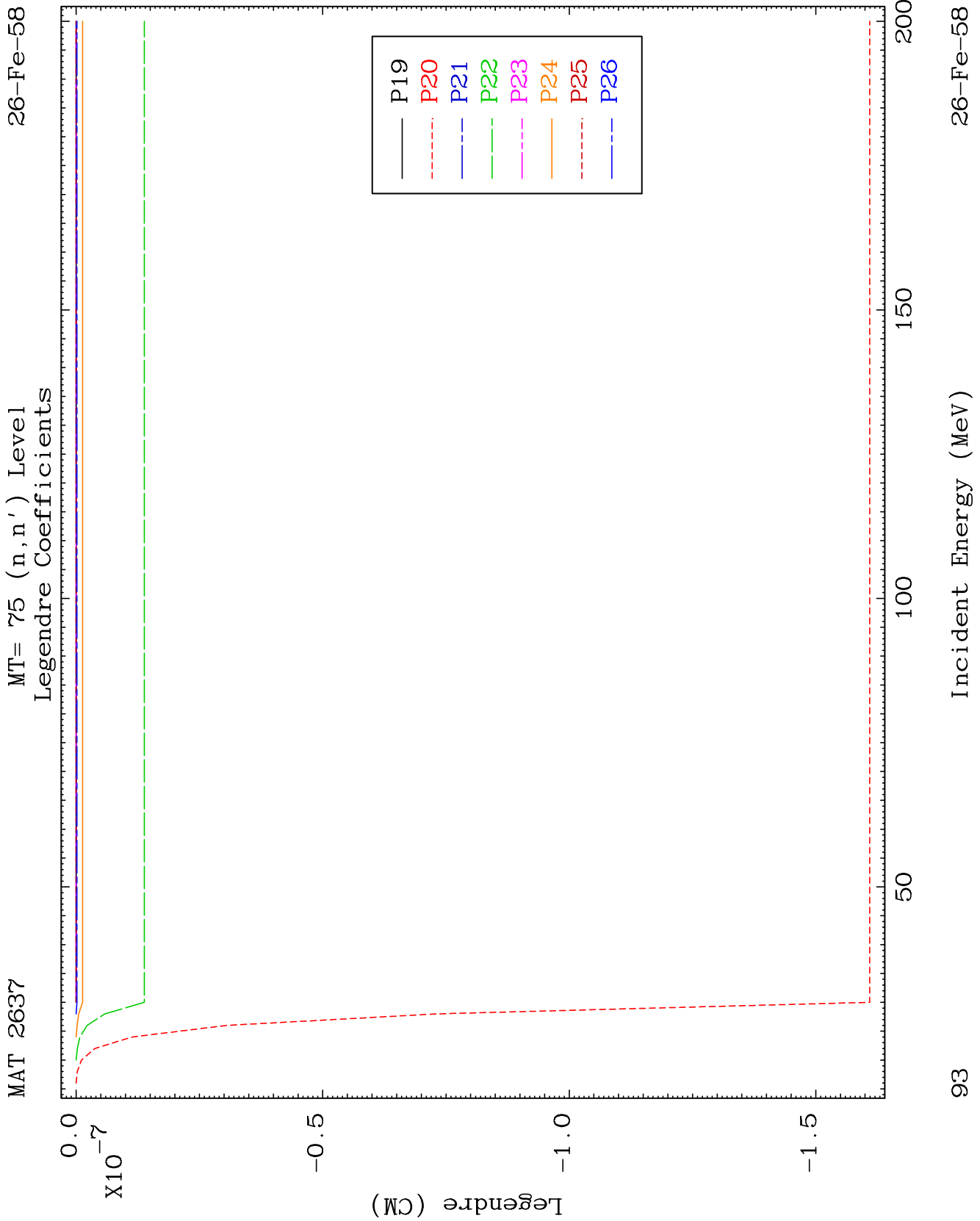


MAT 2637

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

26-Fe-58

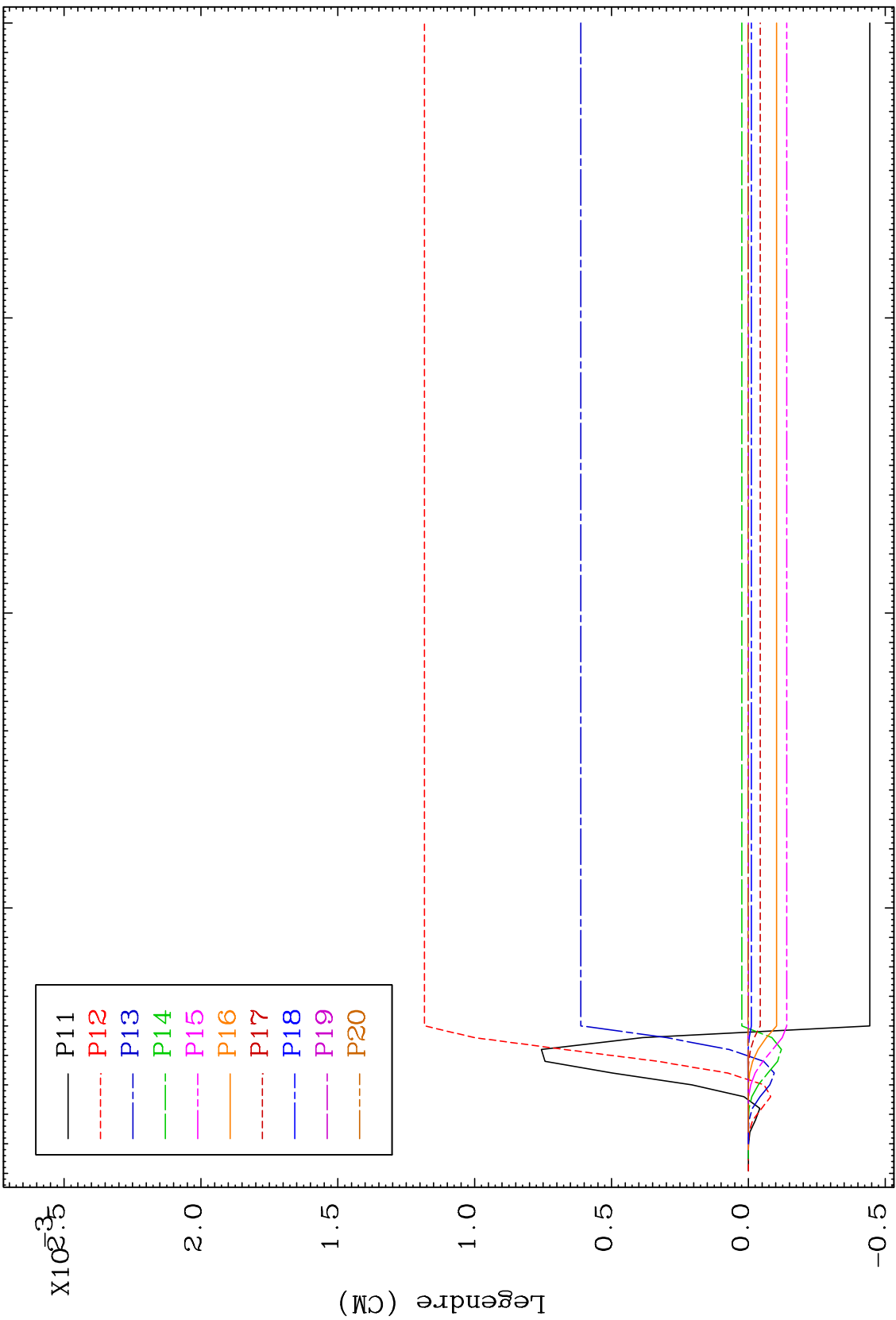
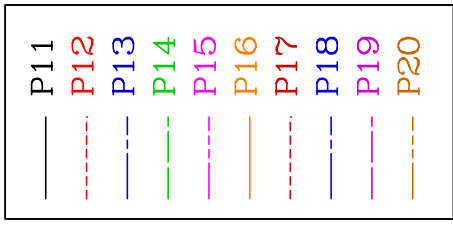




MAT 2637

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

26-Fe-58



95

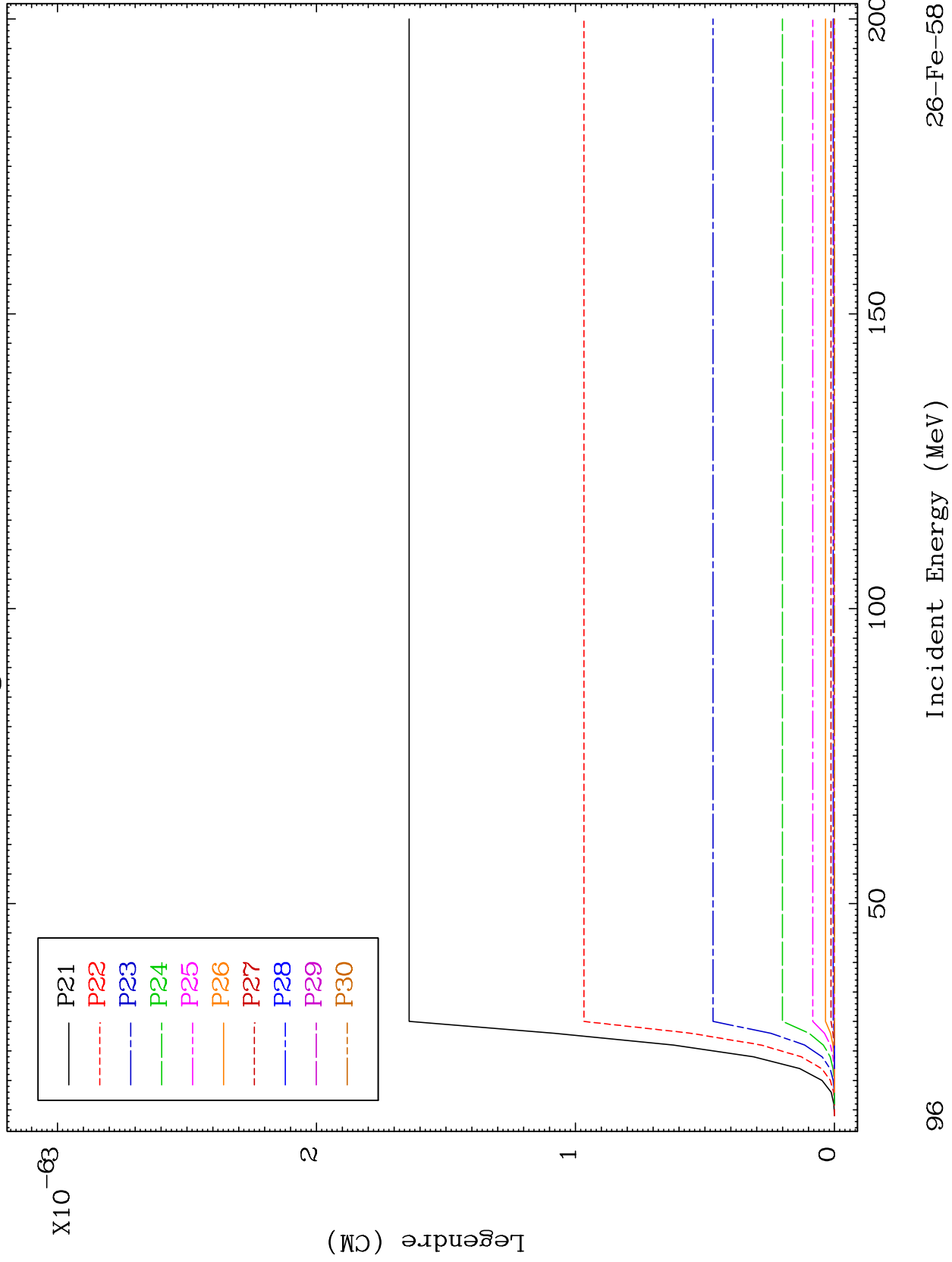
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

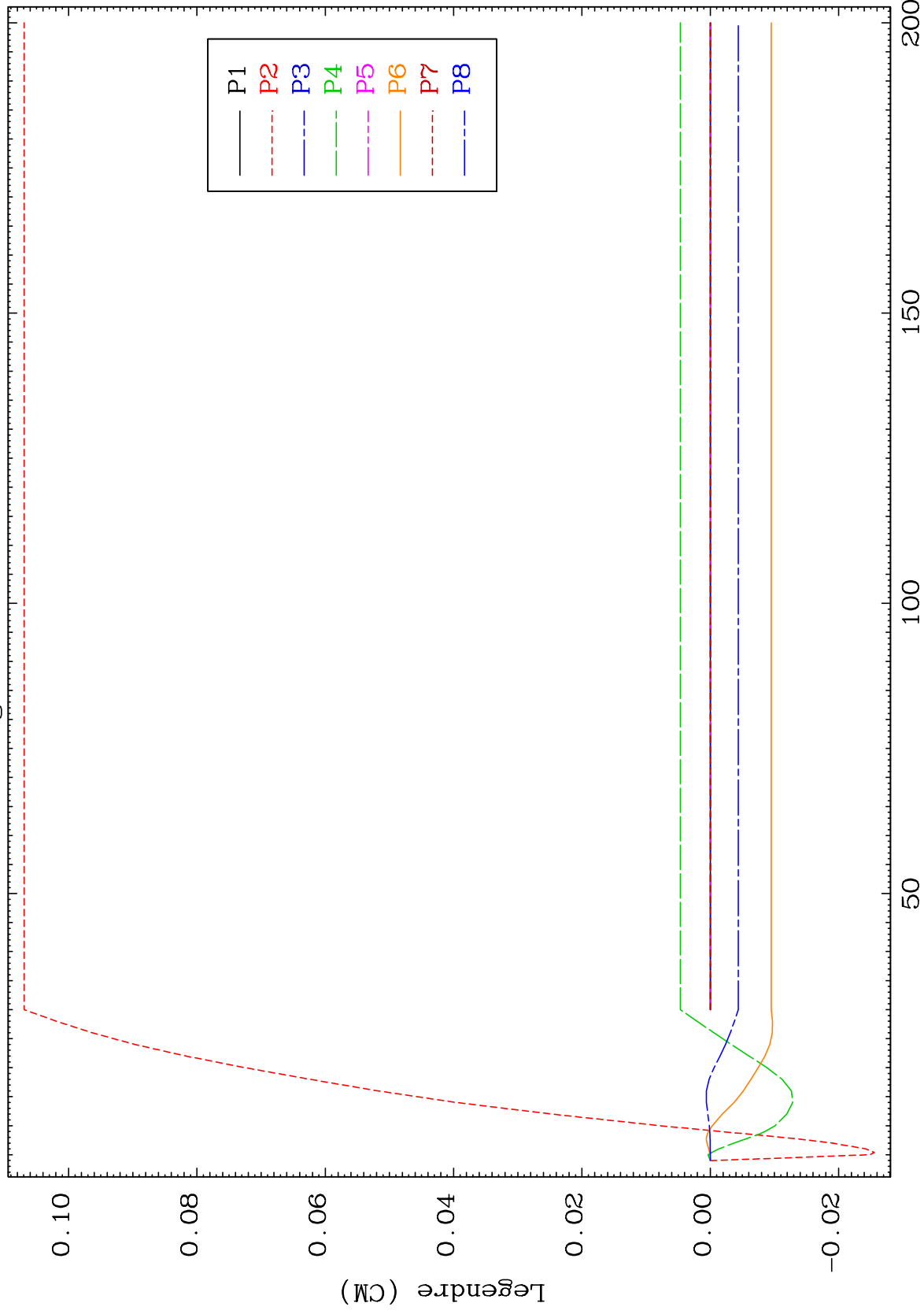
26-Fe-58



MAT 2637

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

26-Fe-58



97

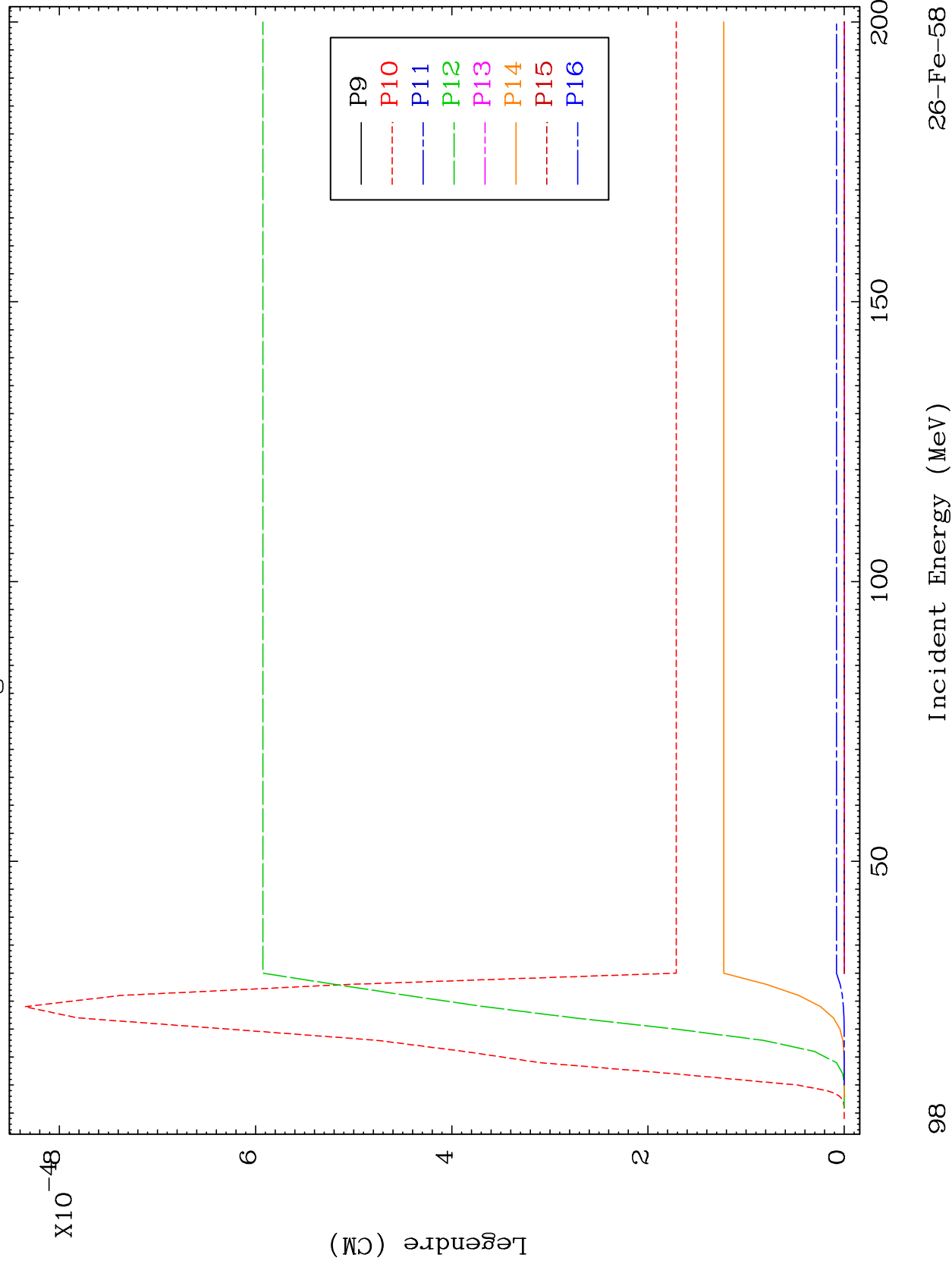
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

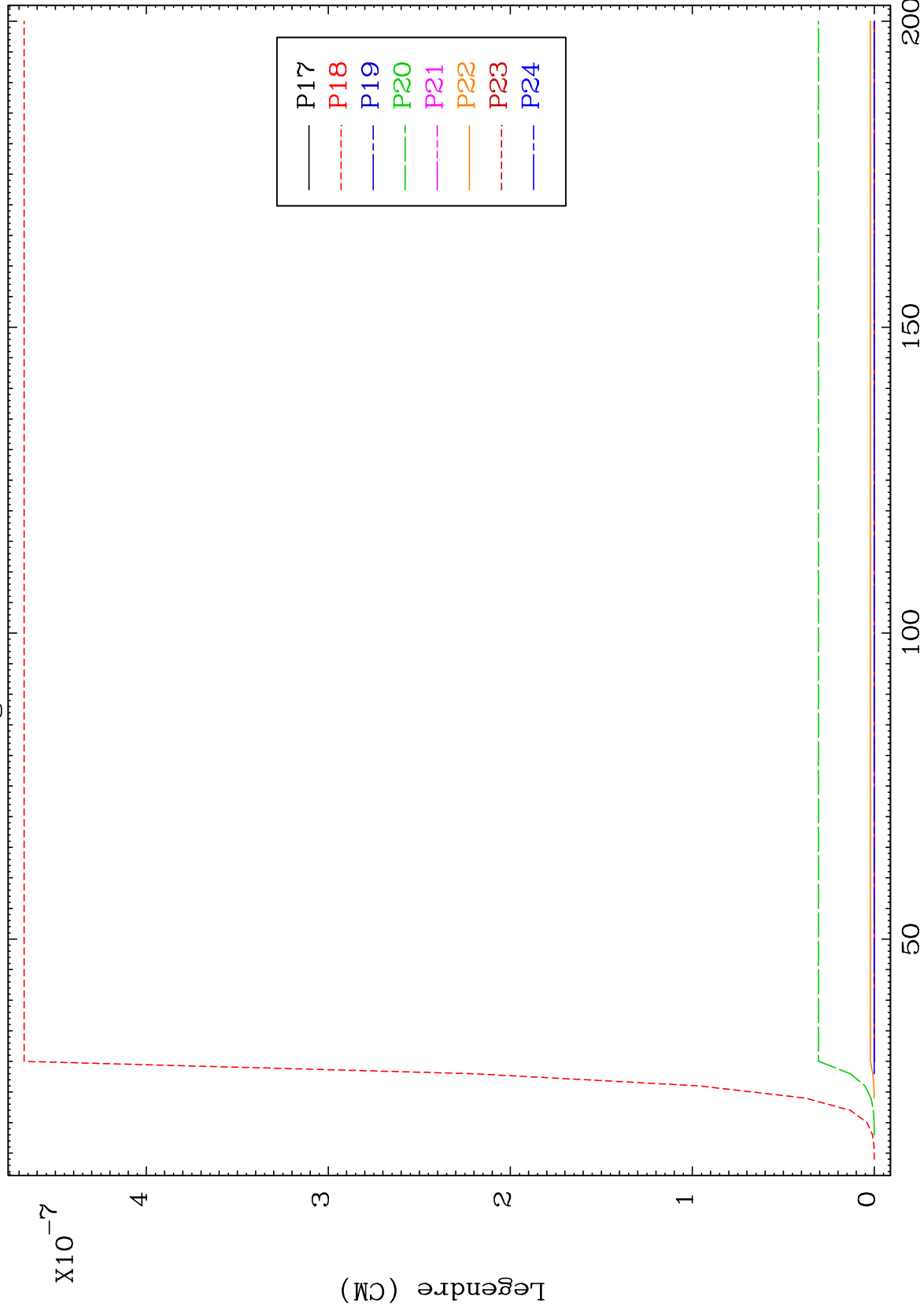
26-Fe-58



MAT 2637

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

26-Fe-58



99

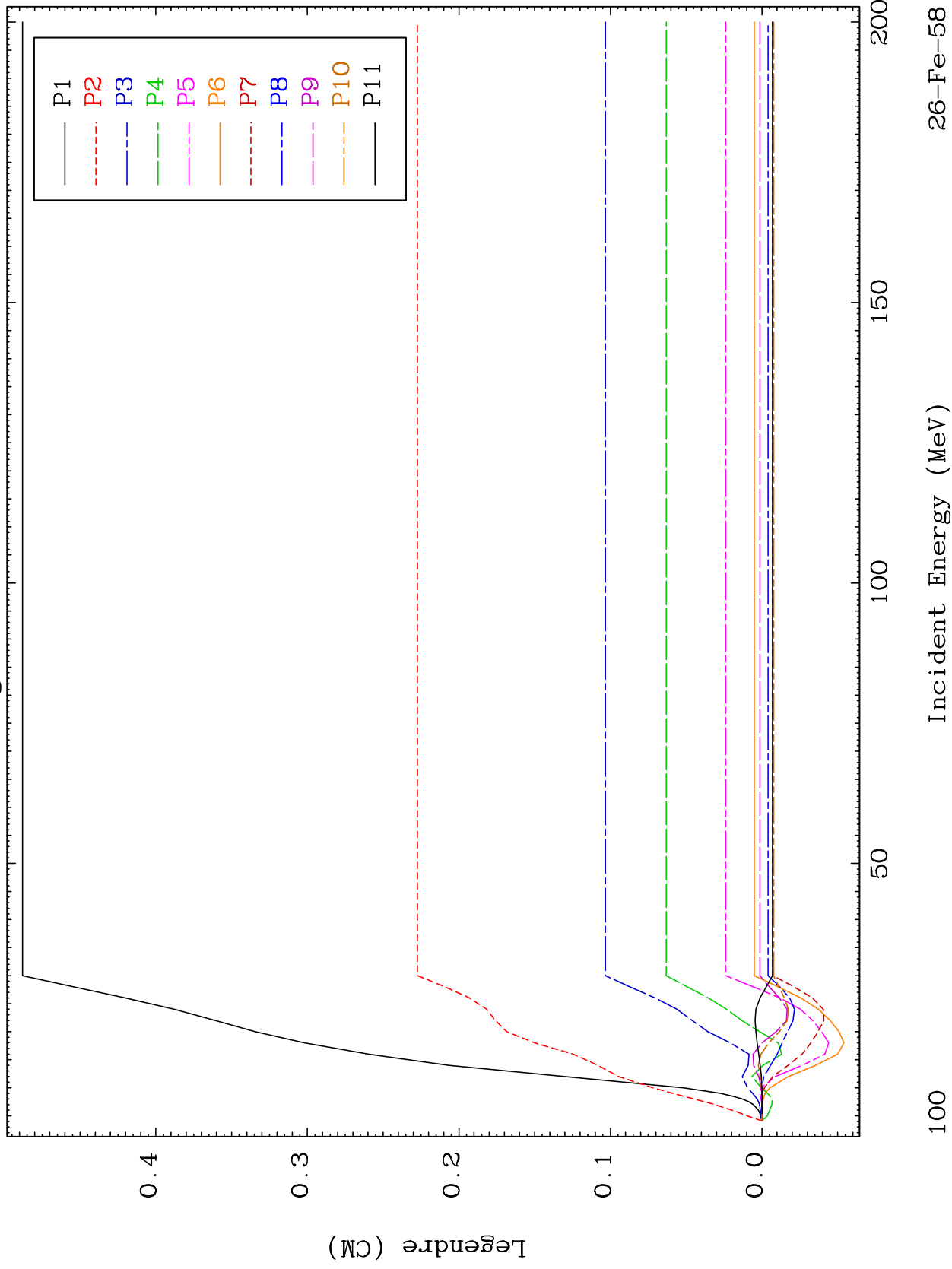
Incident Energy (MeV)

26-Fe-58

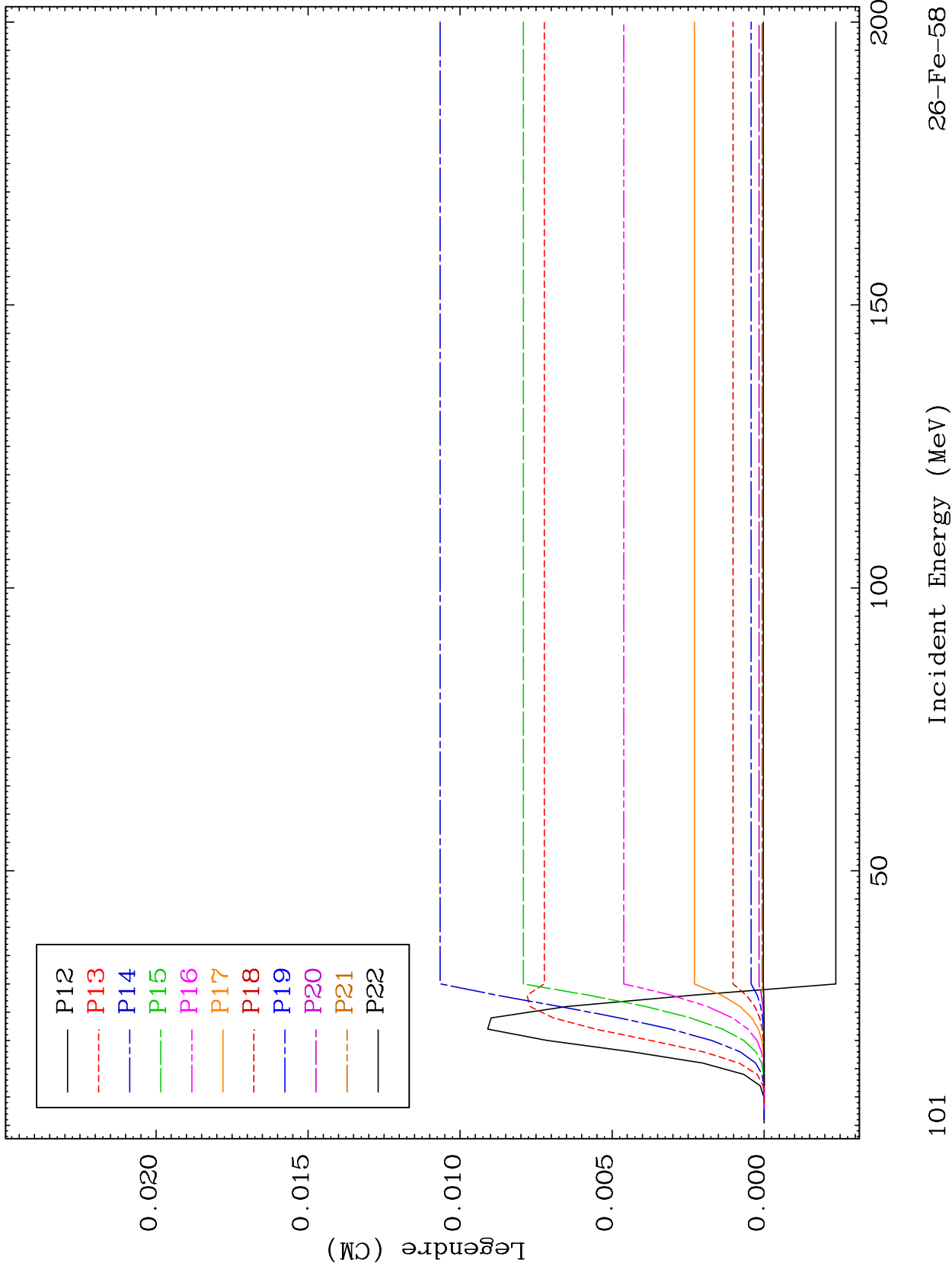
MAT 2637

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

26-Fe-58



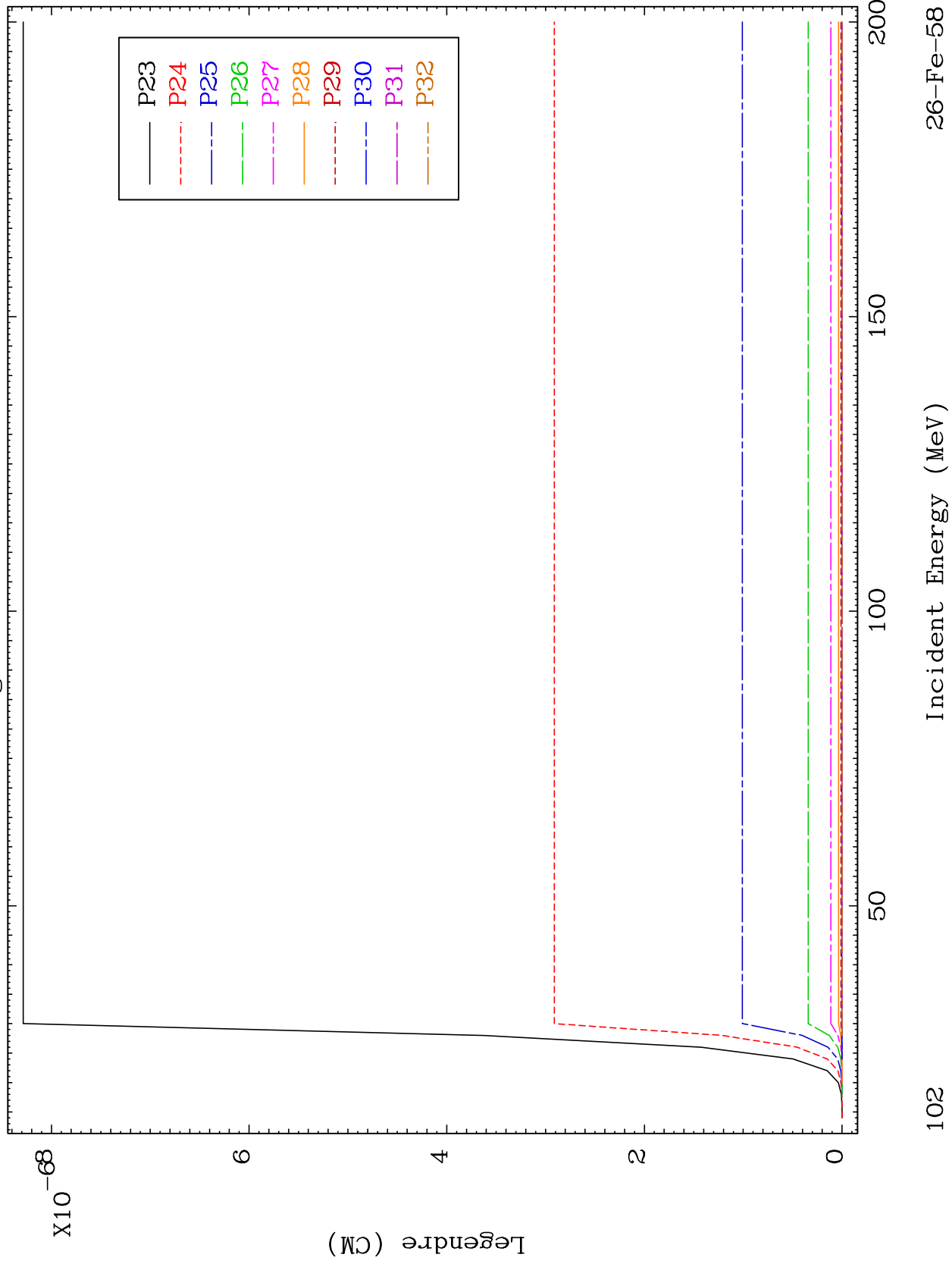
26-Fe-58



MAT 2637

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

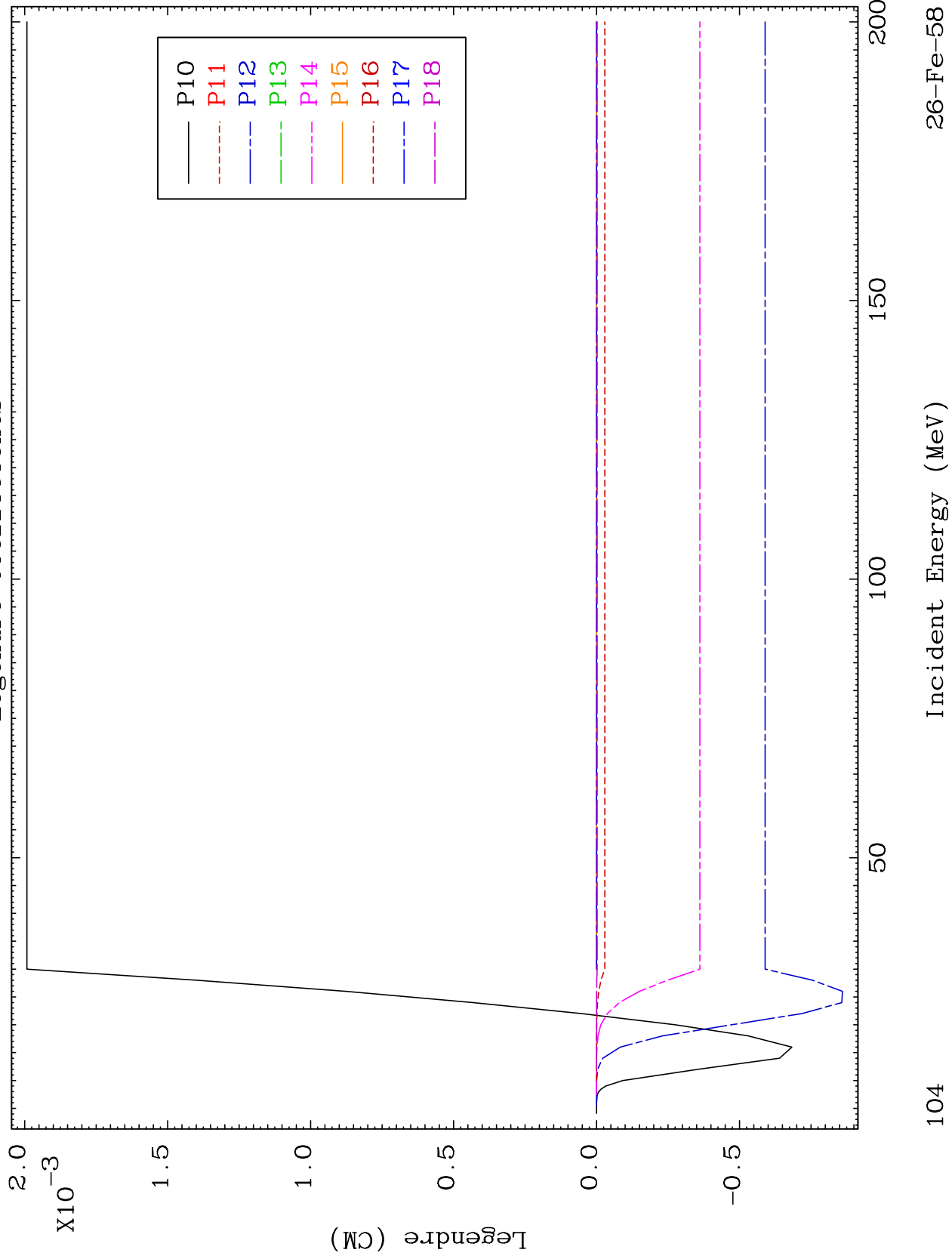
26-Fe-58



MAT 2637

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

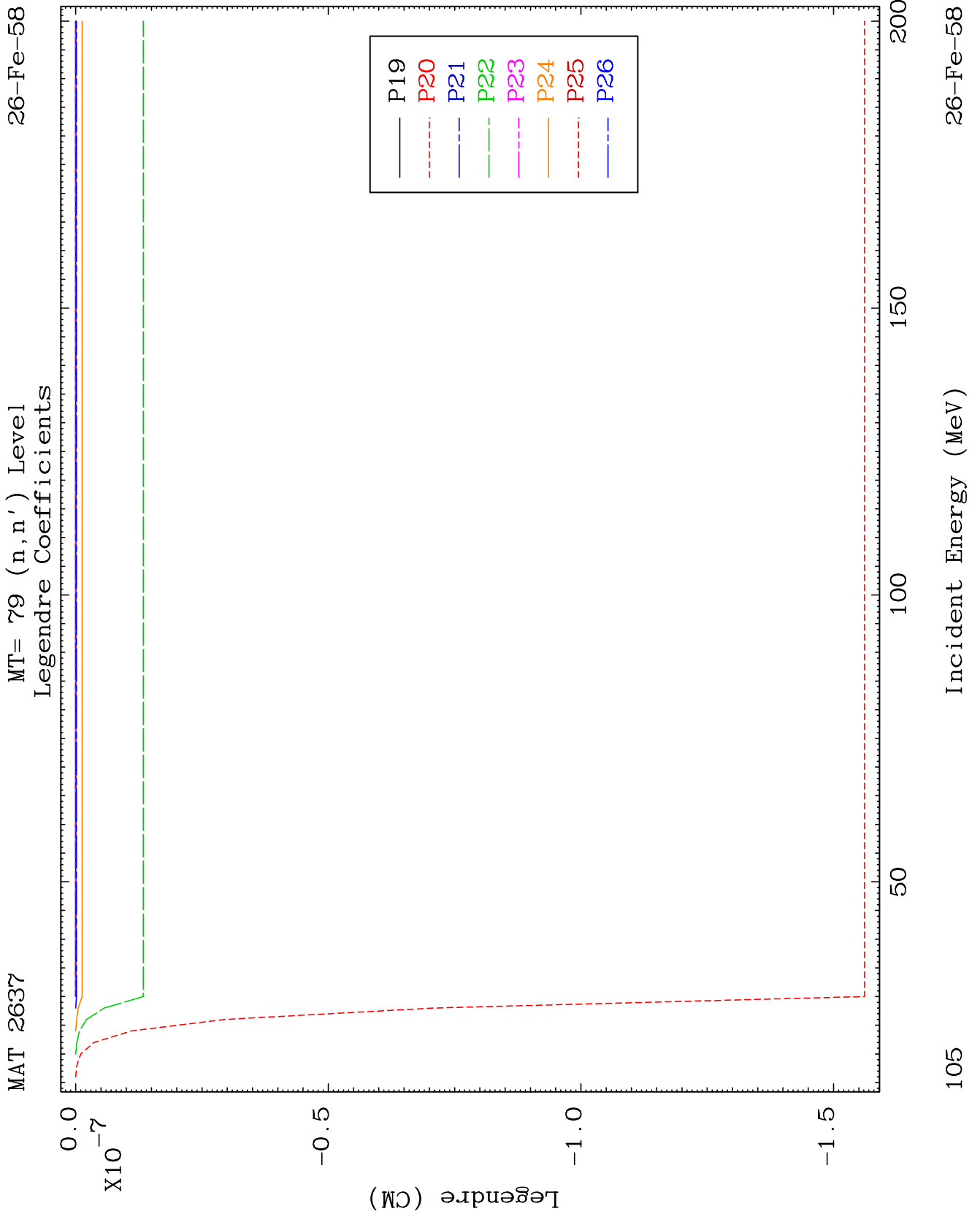
26-Fe-58



104

Incident Energy (MeV)

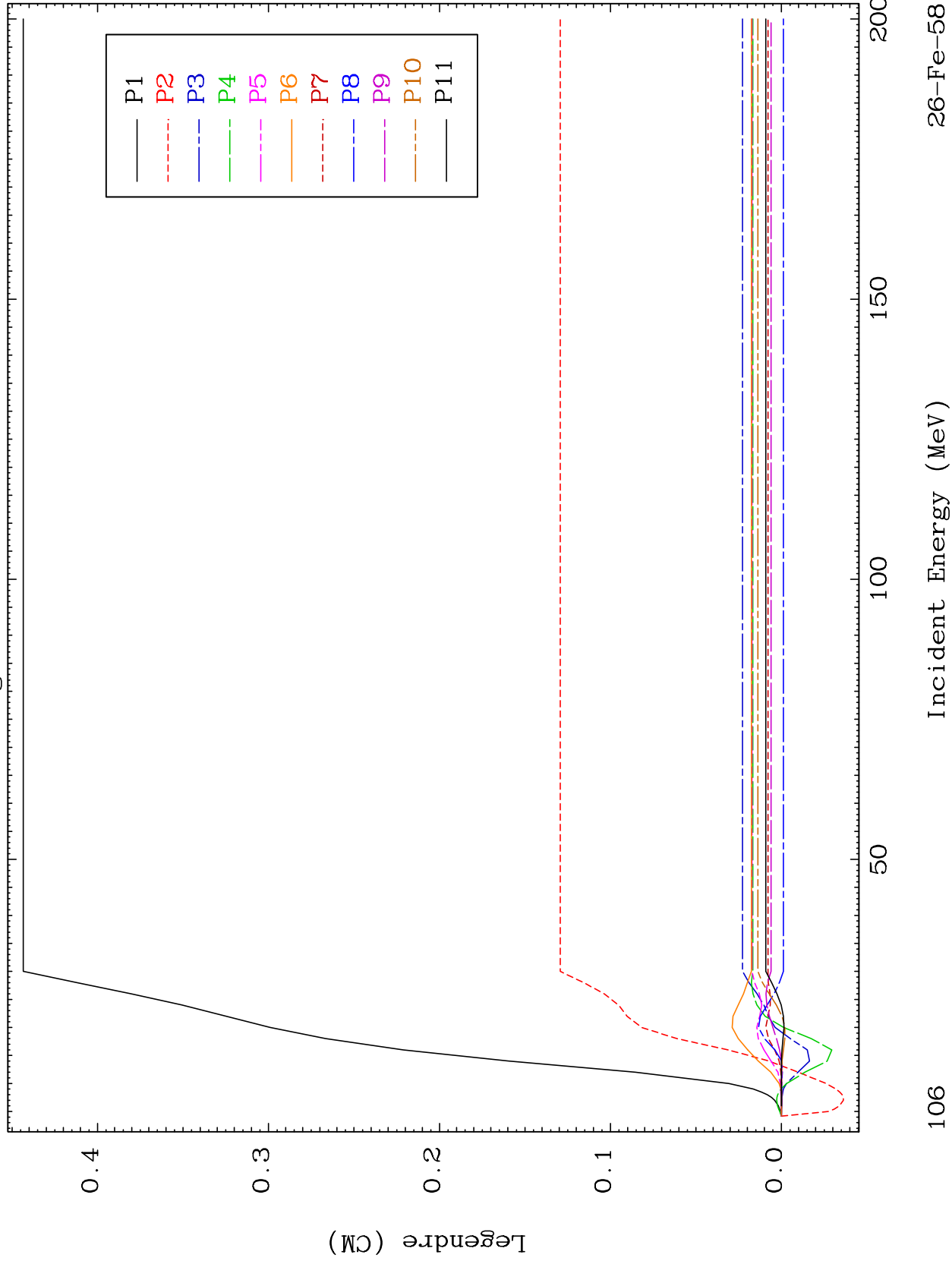
26-Fe-58



MAT 2637

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

26-Fe-58



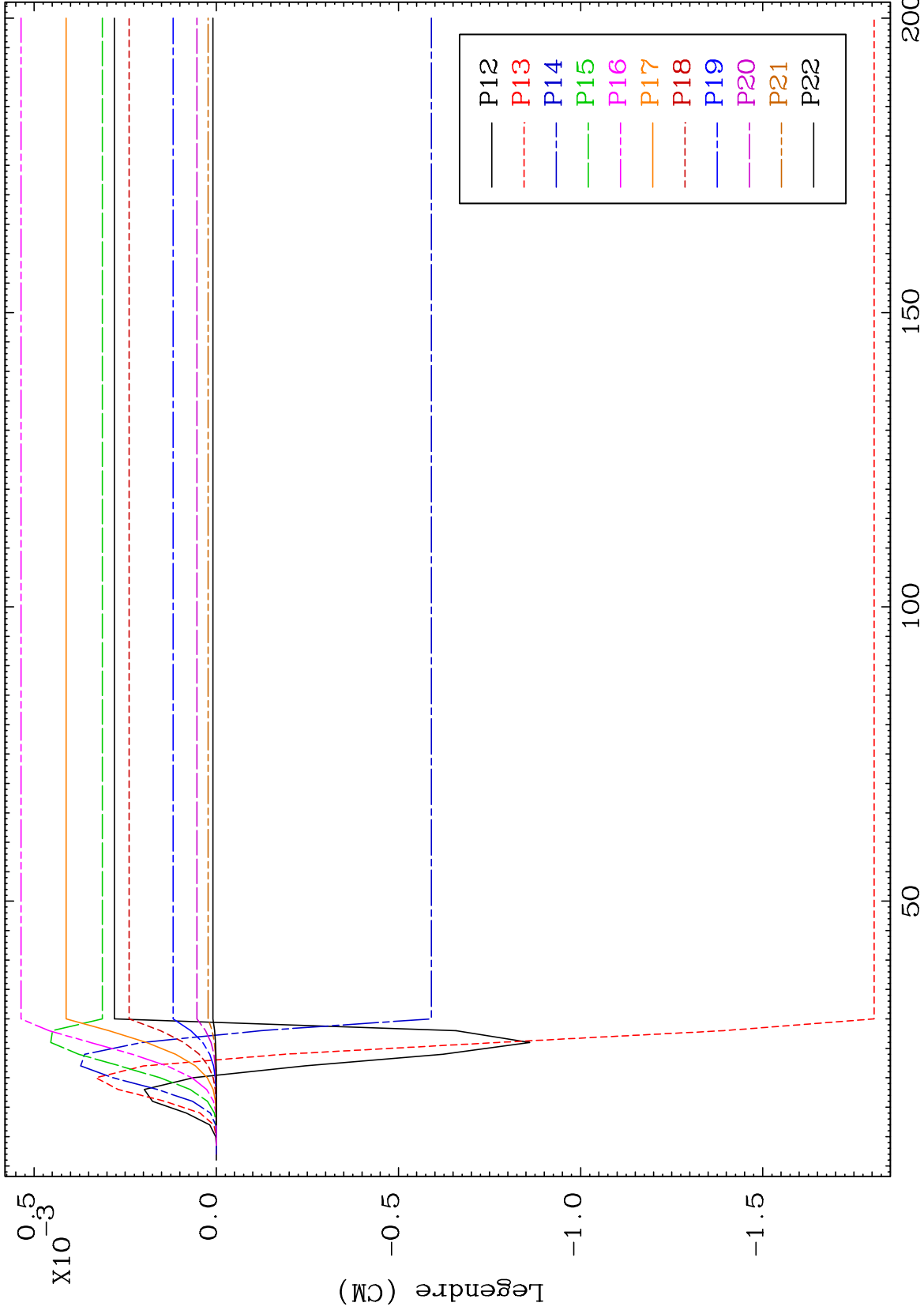
106

26-Fe-58

MAT 2637

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

26-Fe-58



107

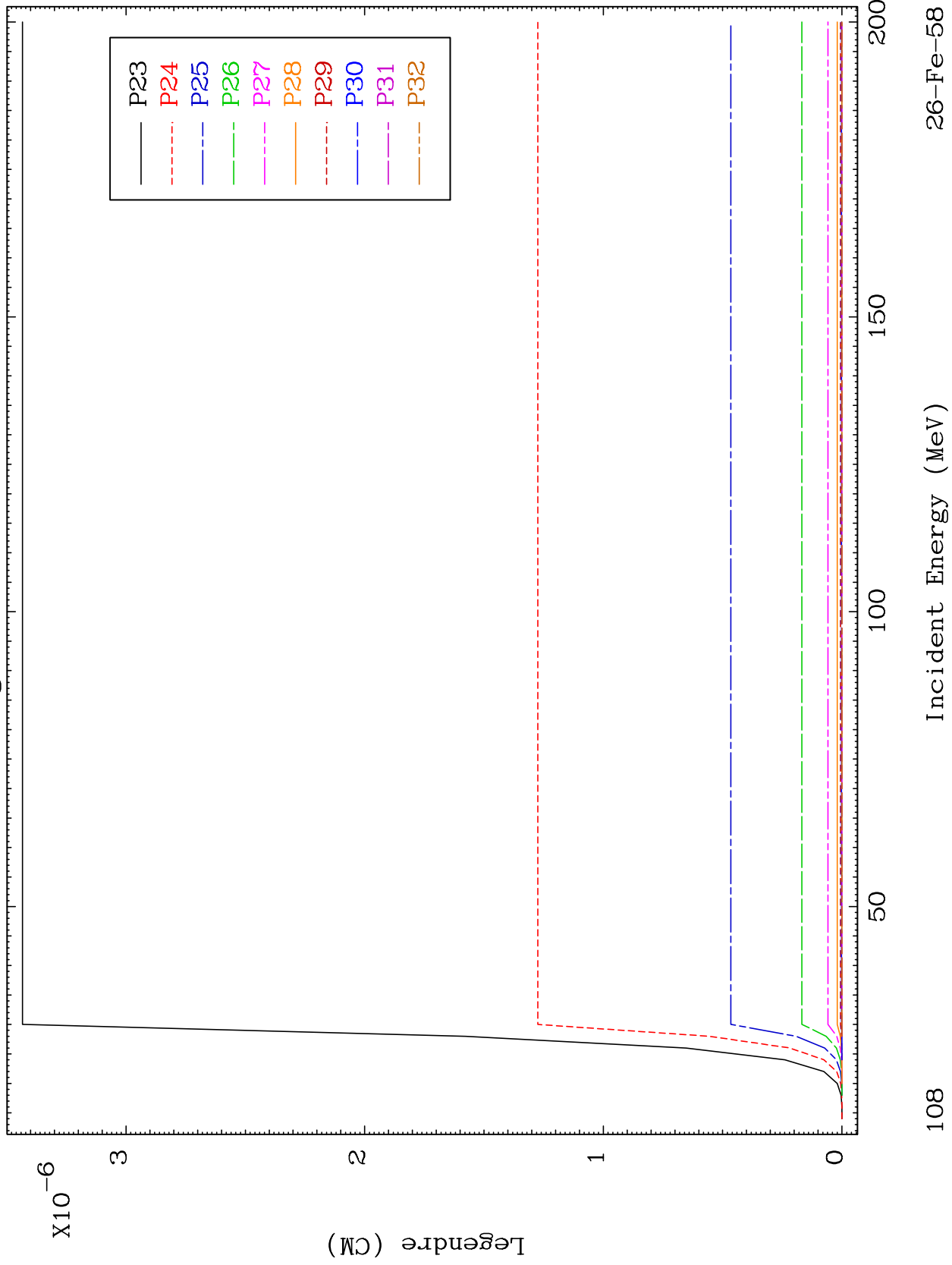
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

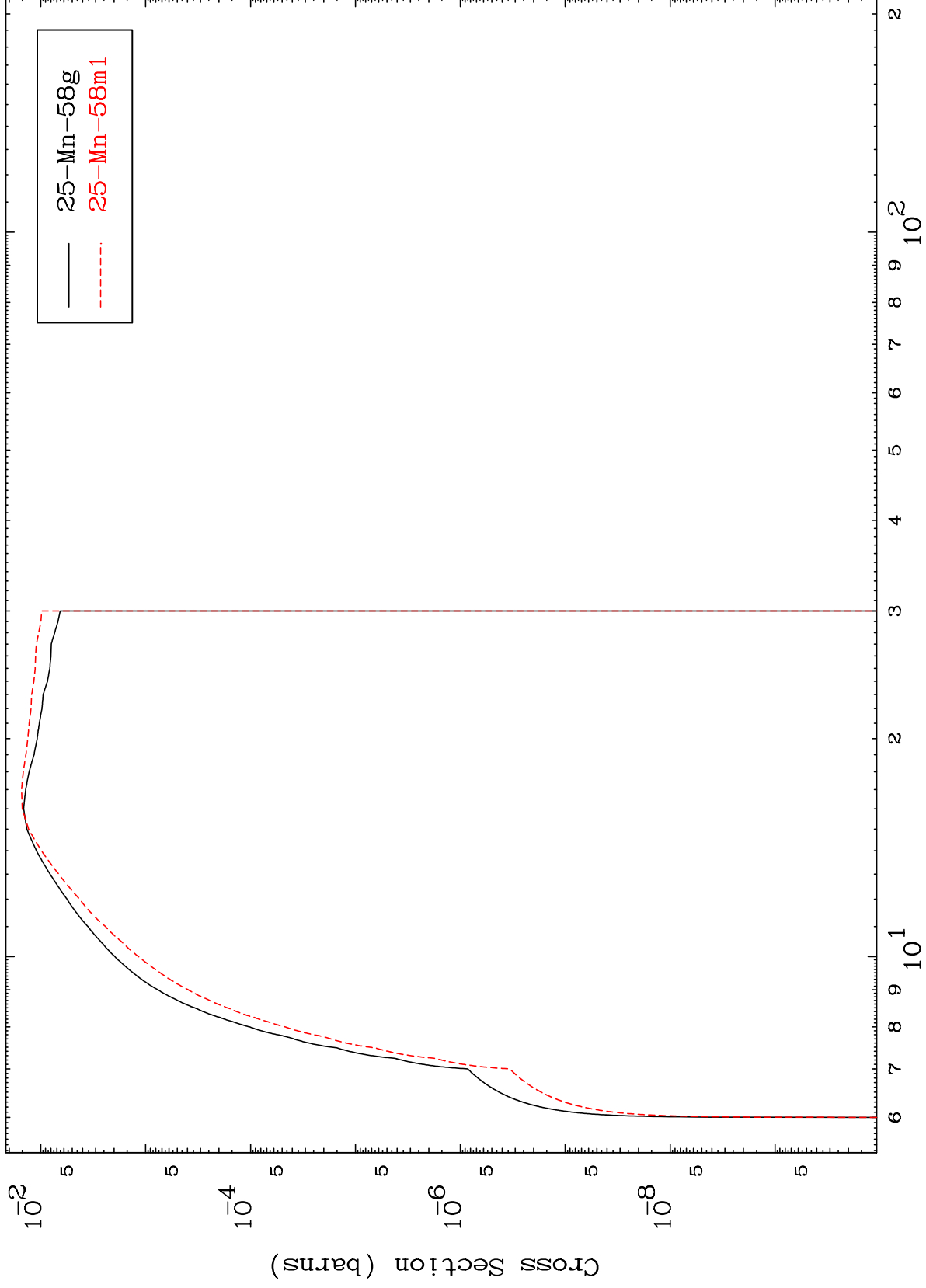
26-Fe-58



MAT 2637

26-Fe-58

(n,p)
Radionuclide Production Cross Section



26-Fe-58

Incident Energy (MeV)

109