

Program EVALPLOT  
(Version 2021-1)

by

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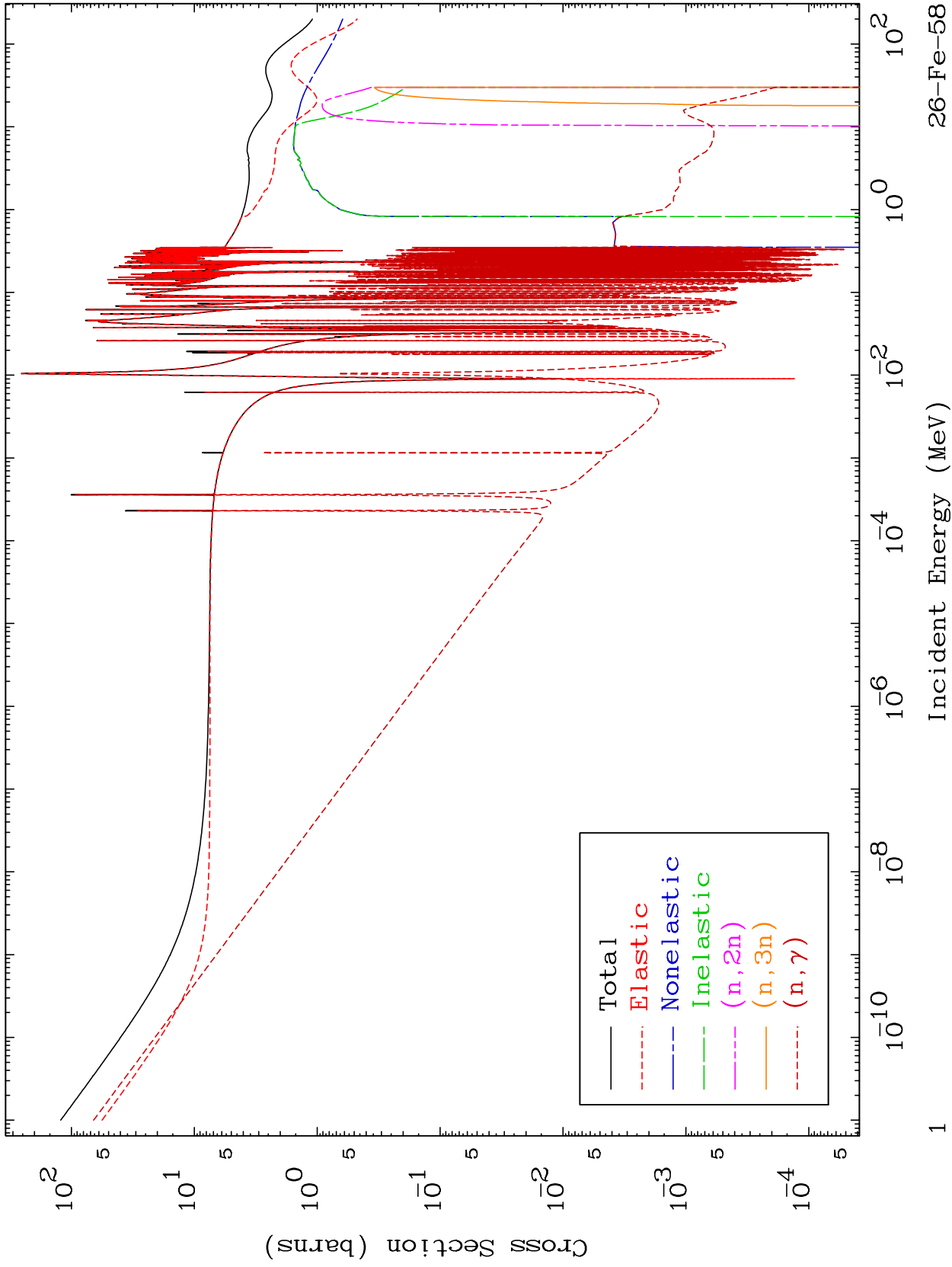
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2637

Neutron Major  
293 Kelvin Cross Sections

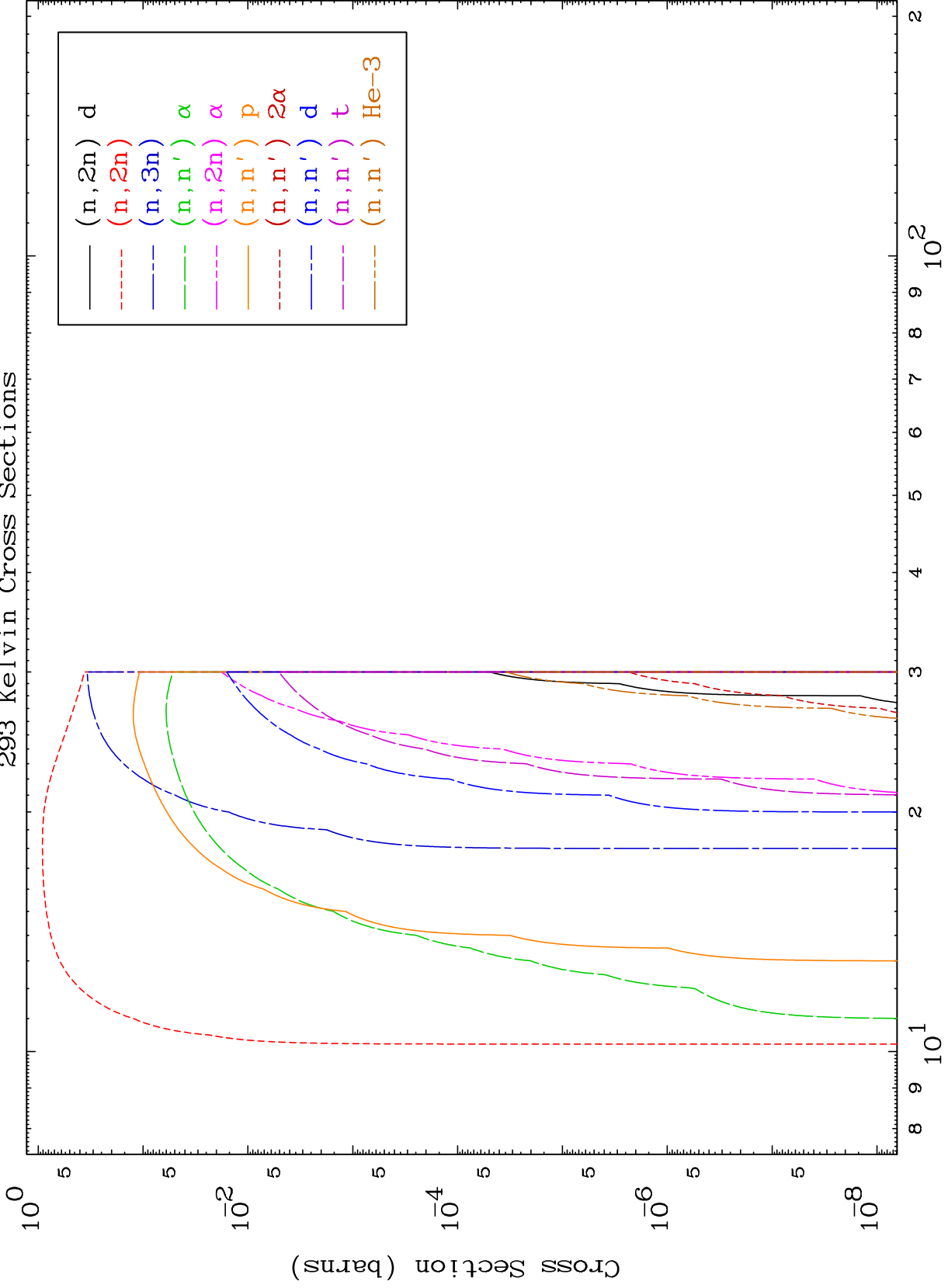
26-Fe-58



MAT 2637

Neutron Absorption  
293 Kelvin Cross Sections

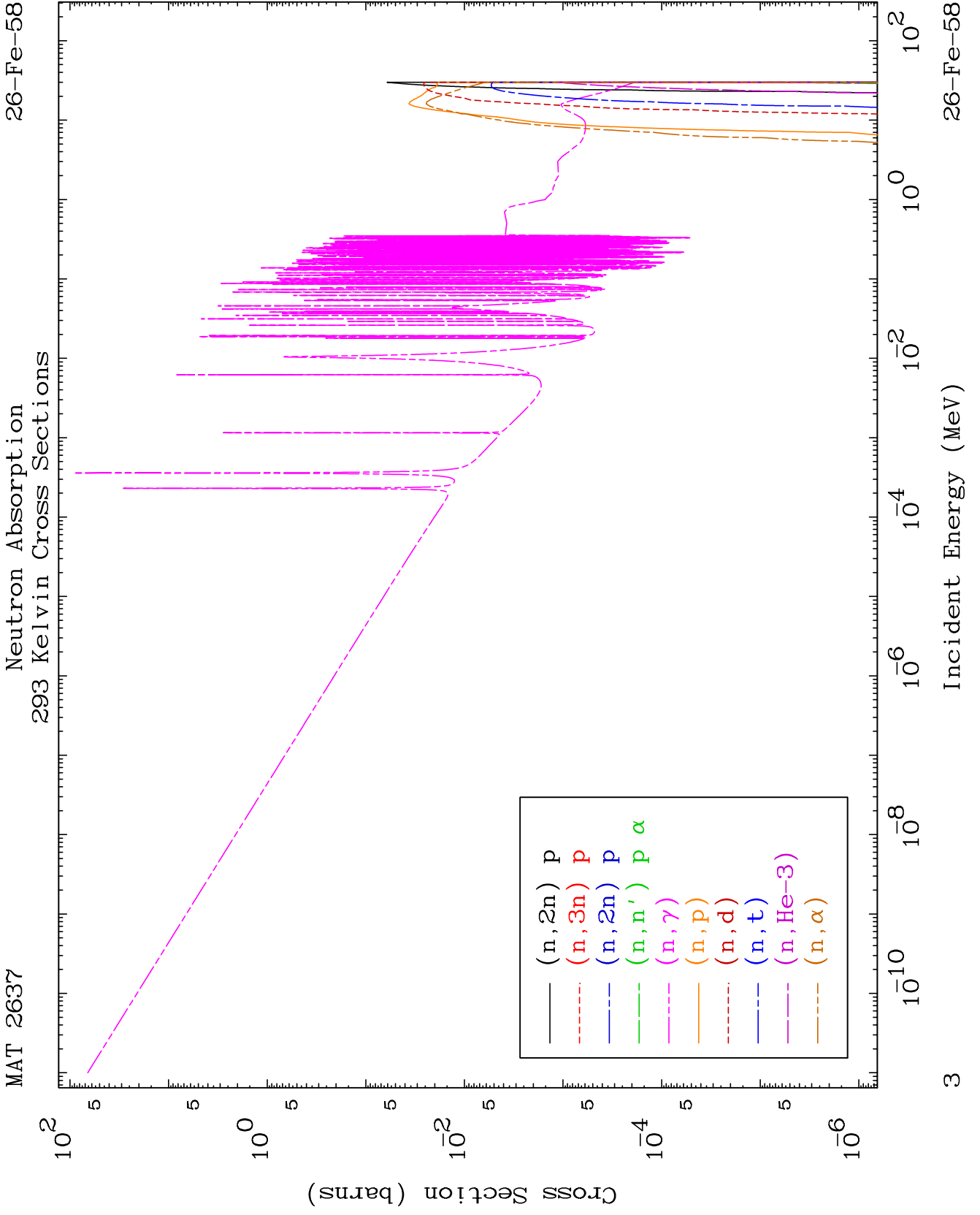
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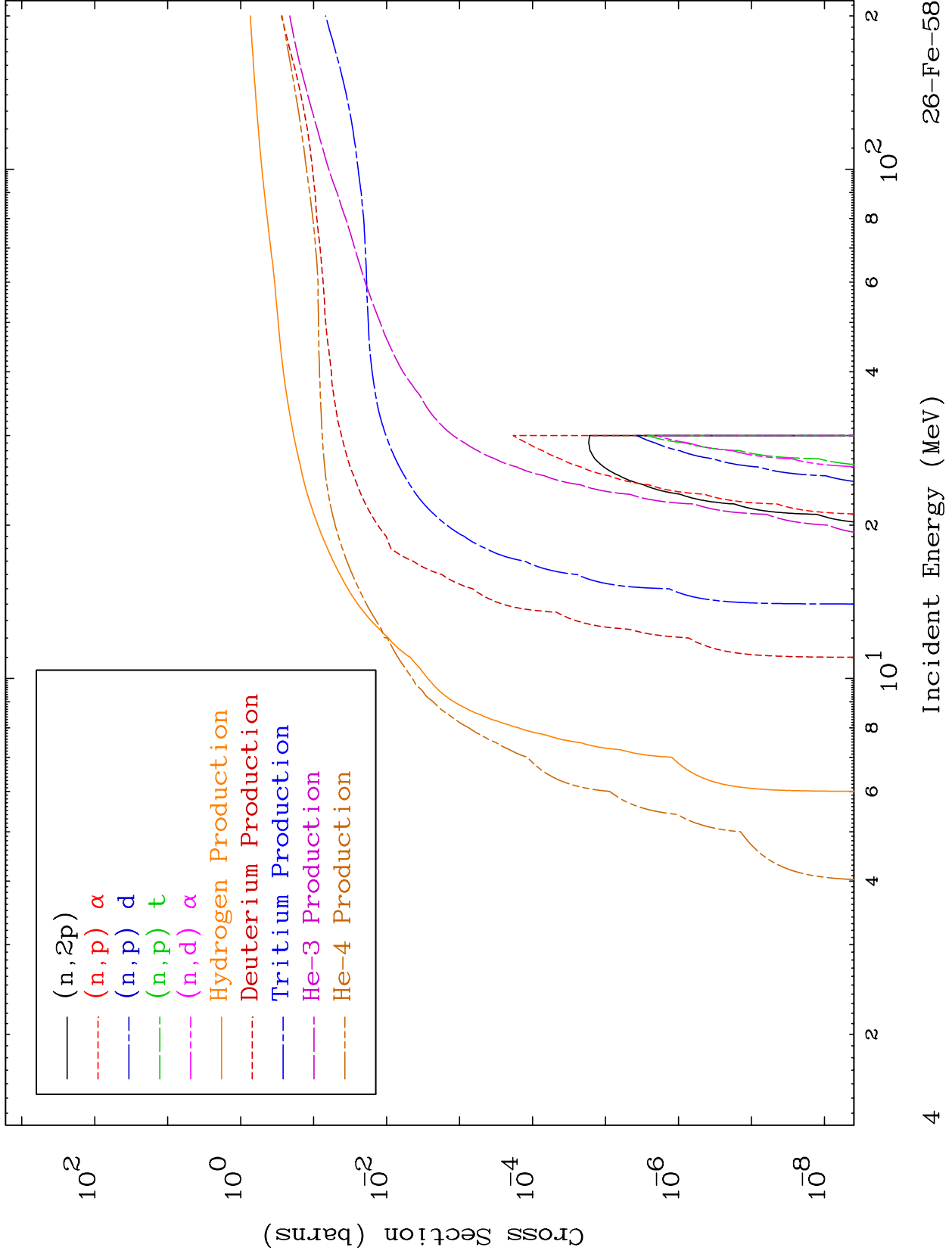


2

Incident Energy (MeV)

26-Fe-58

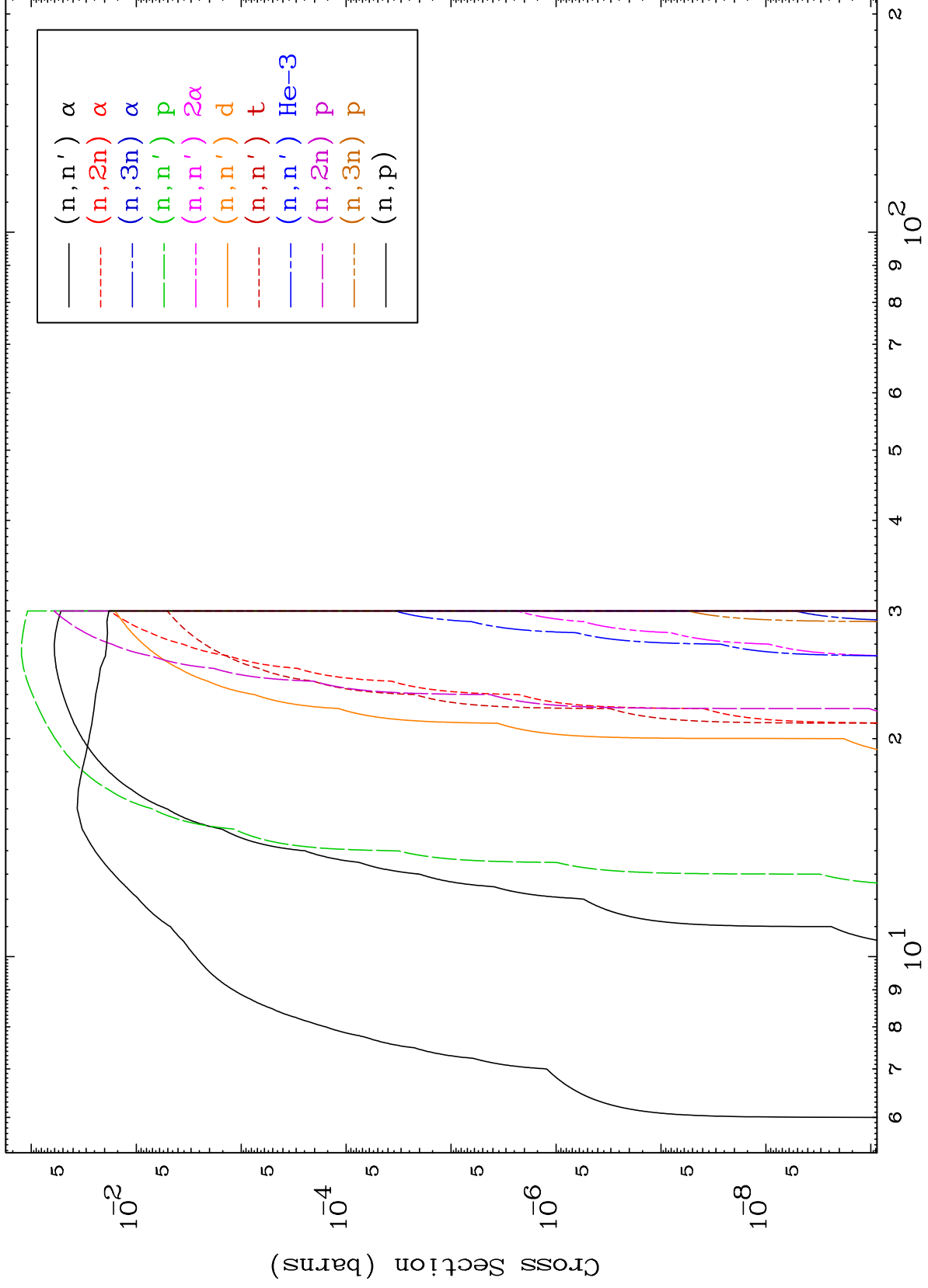




MAT 2637

Charged Particle  
293 Kelvin Cross Sections

26-Fe-58



5

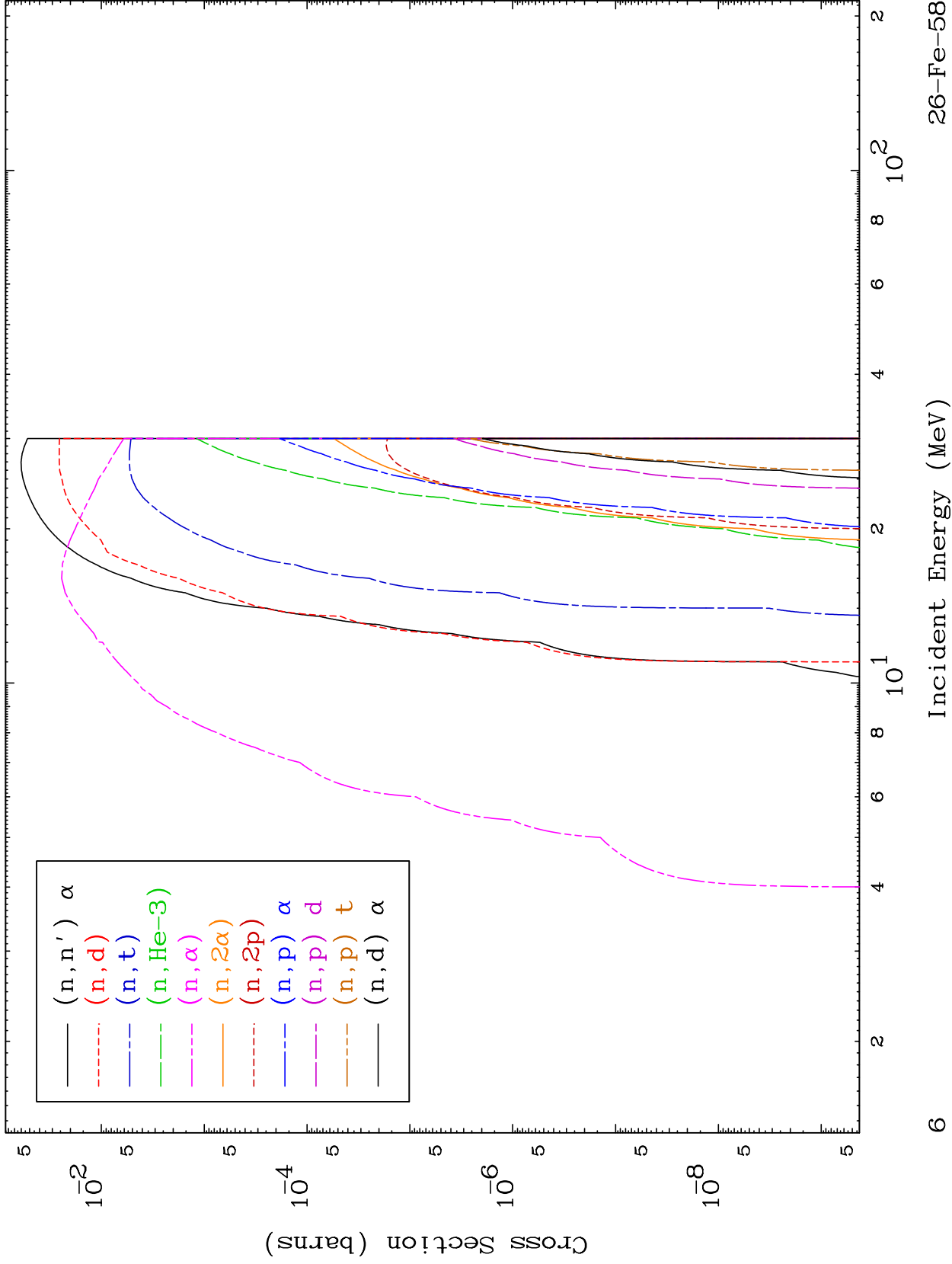
Incident Energy (MeV)

26-Fe-58

MAT 2637

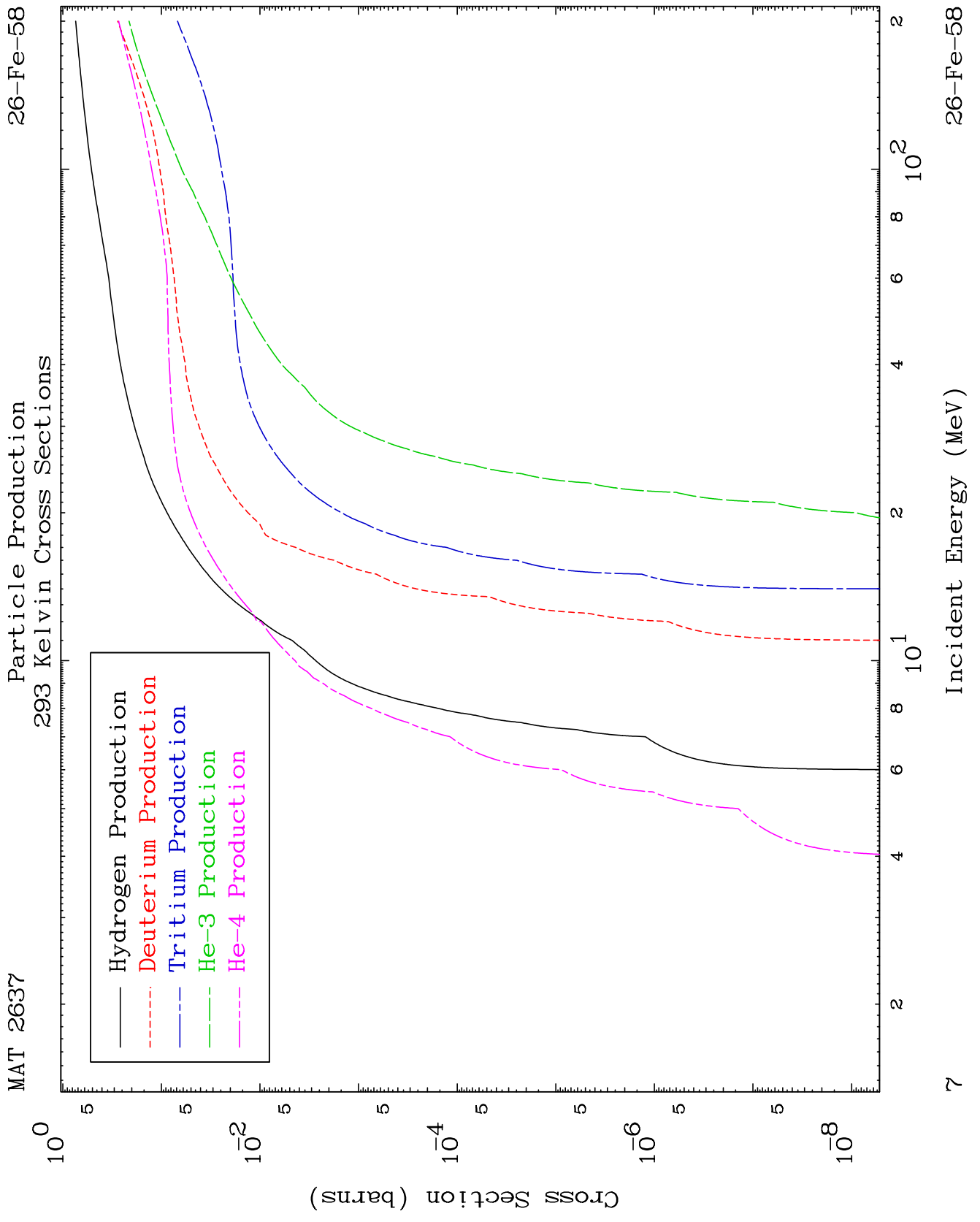
Charged Particle  
293 Kelvin Cross Sections

26-Fe-58



6

26-Fe-58

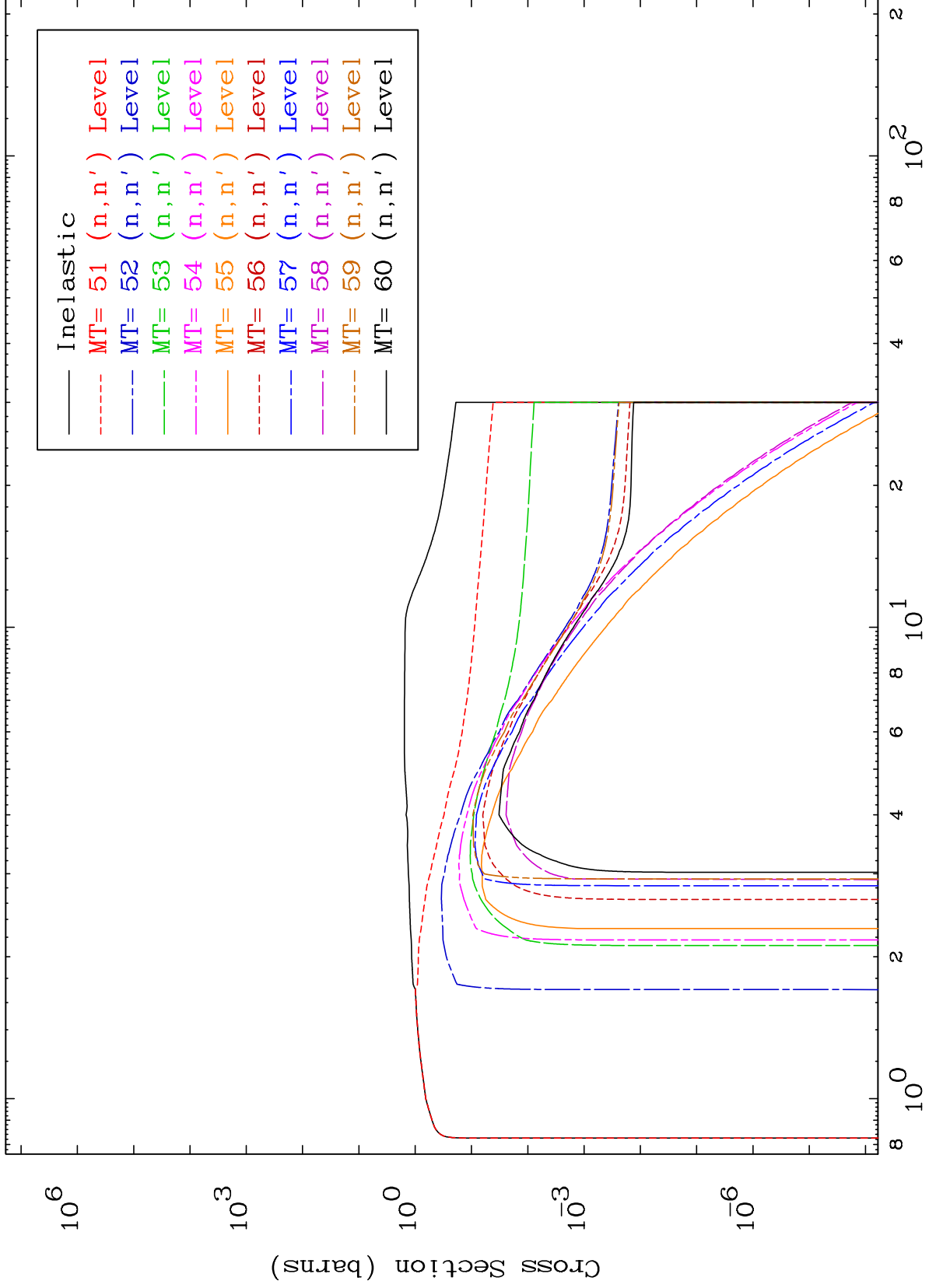


MAT 2637

(n,n') Levels

26-Fe-58

293 Kelvin Cross Sections



Incident Energy (MeV)

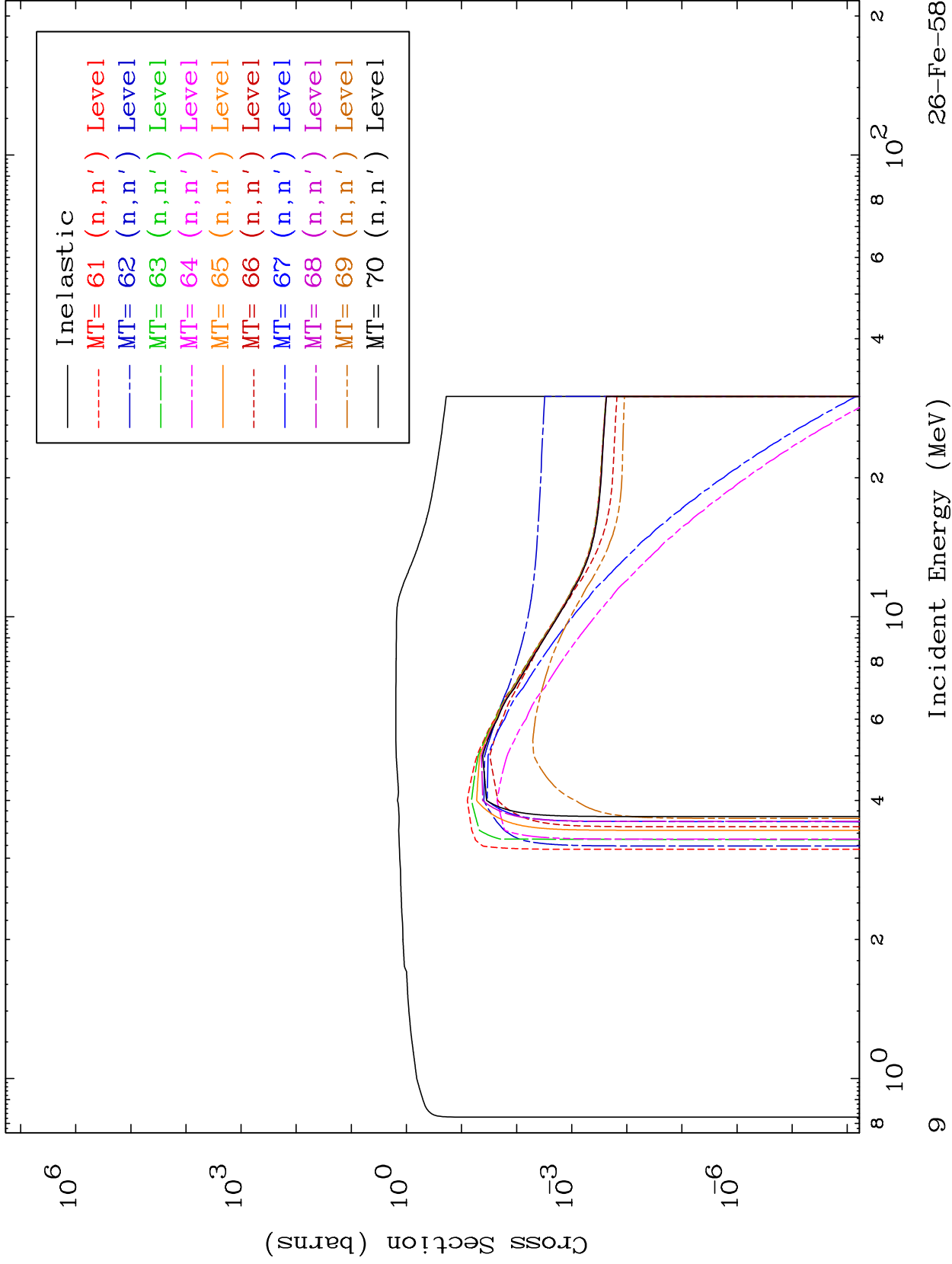
26-Fe-58

MAT 2637

(n,n') Levels

26-Fe-58

293 Kelvin Cross Sections



Incident Energy (MeV)

26-Fe-58

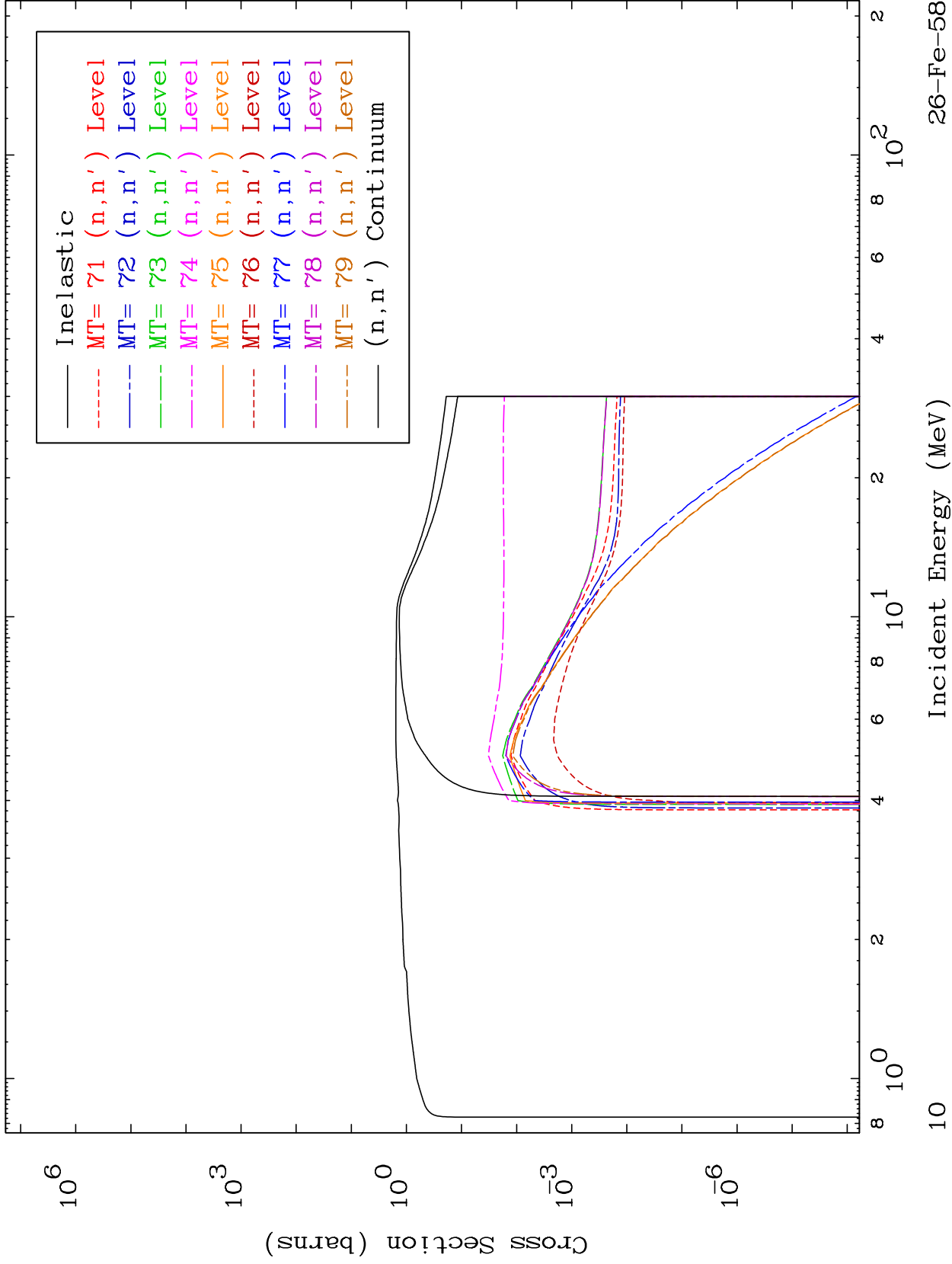
9

MAT 2637

(n,n') Levels

26-Fe-58

293 Kelvin Cross Sections



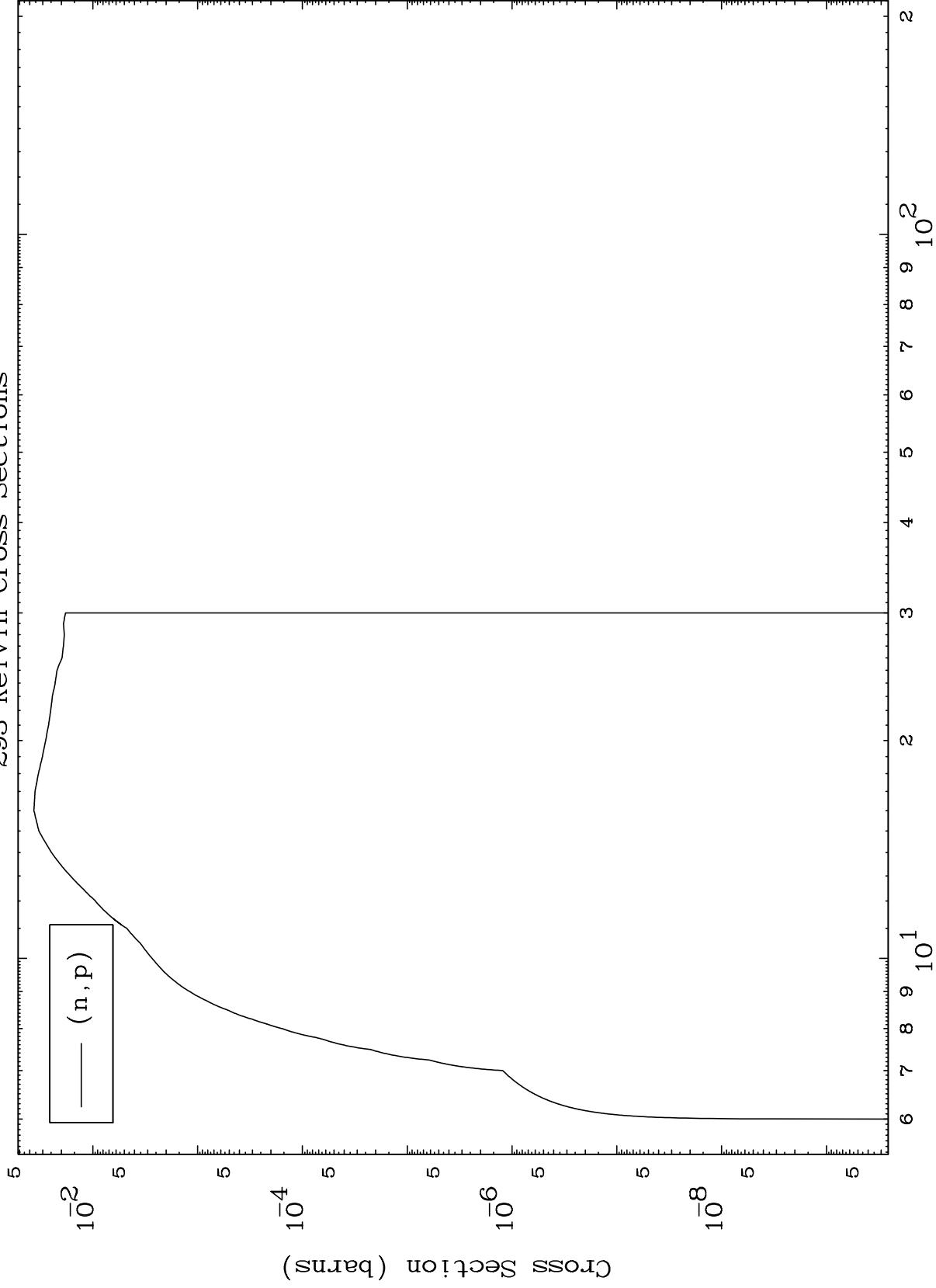
26-Fe-58

Incident Energy (MeV)

MAT 2637

(n,p) Levels  
293 Kelvin Cross Sections

26-Fe-58



11

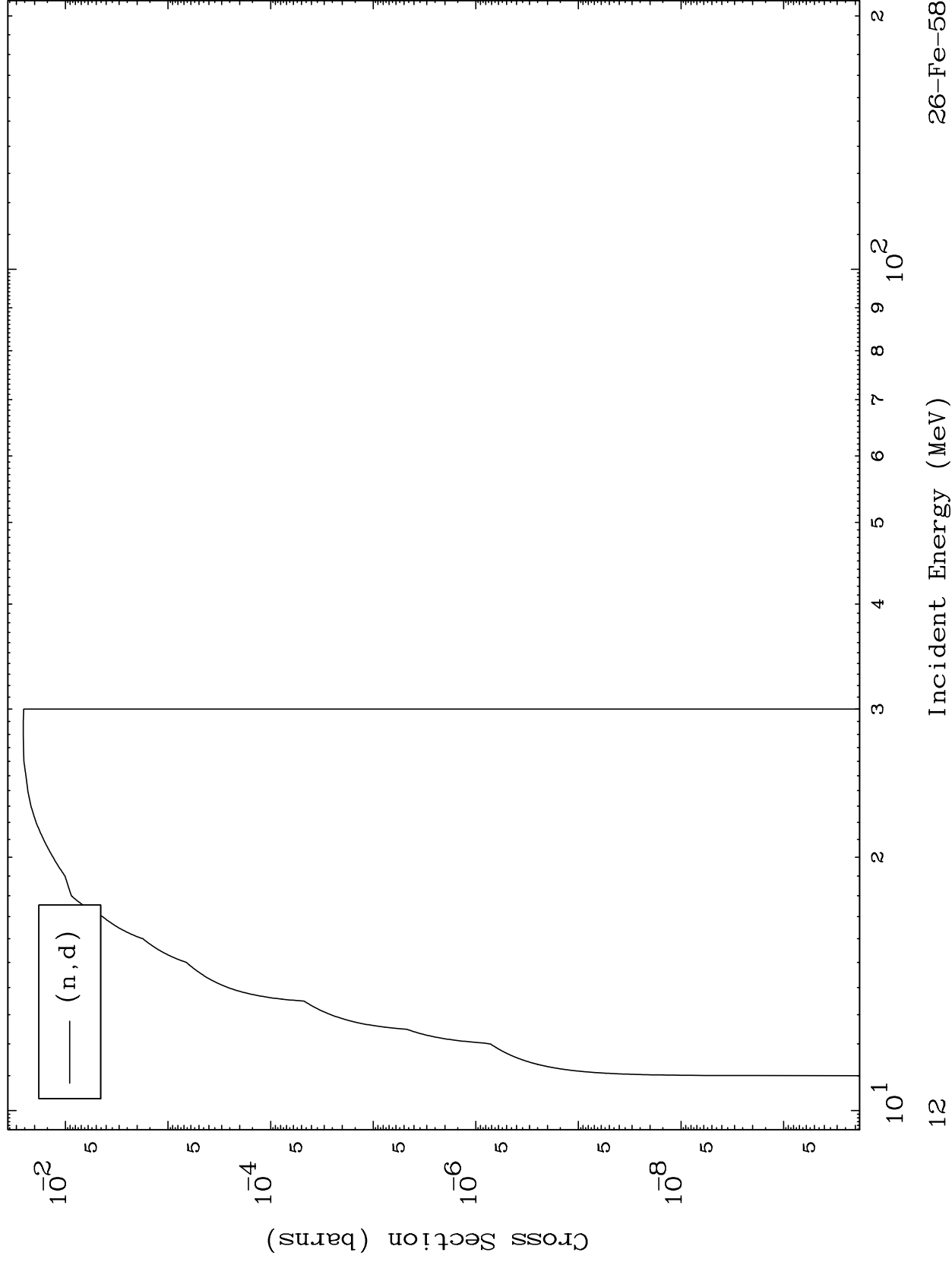
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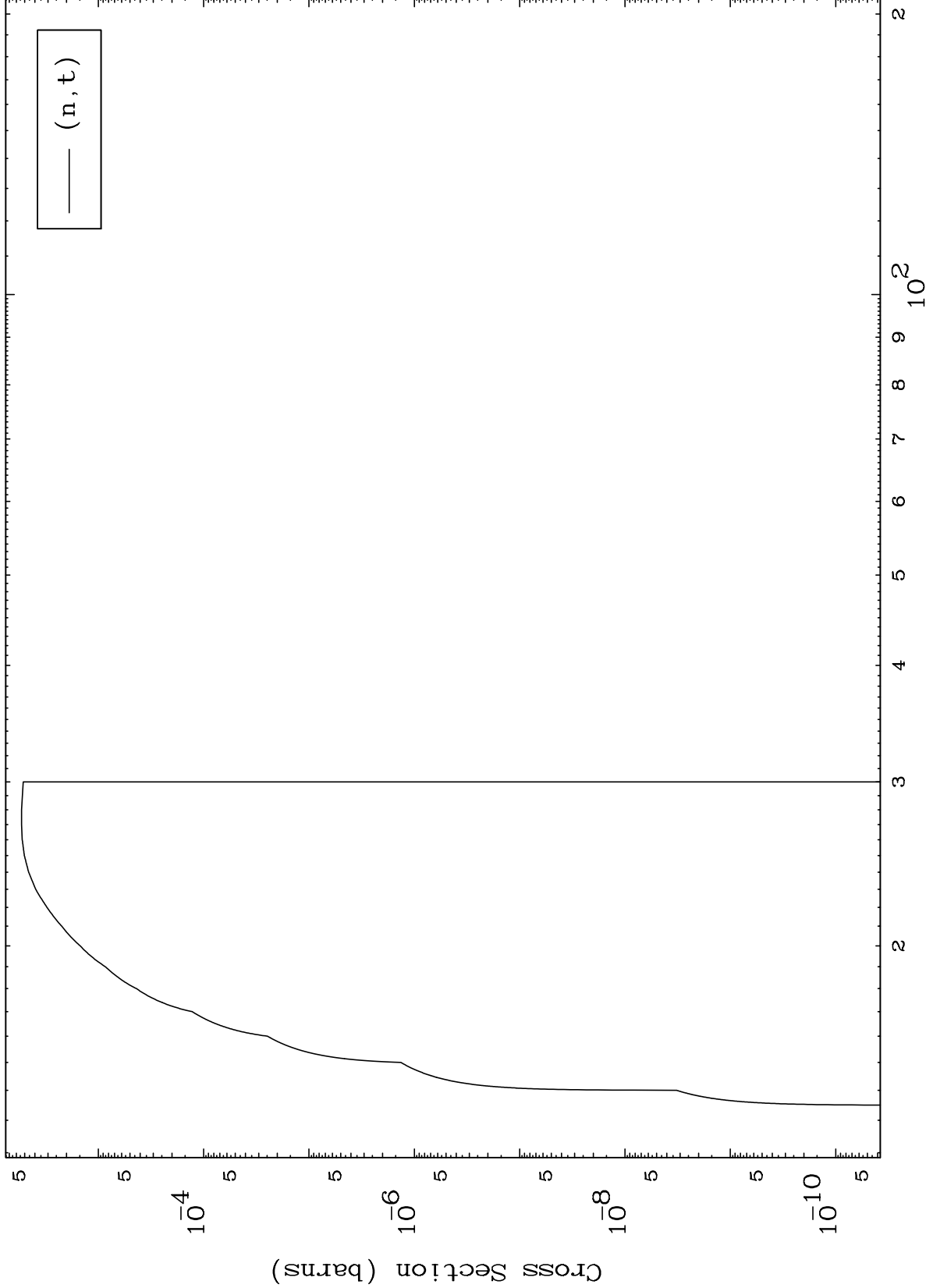
26-Fe-58

MAT 2637

(n,d) Levels  
293 Kelvin Cross Sections

26-Fe-58

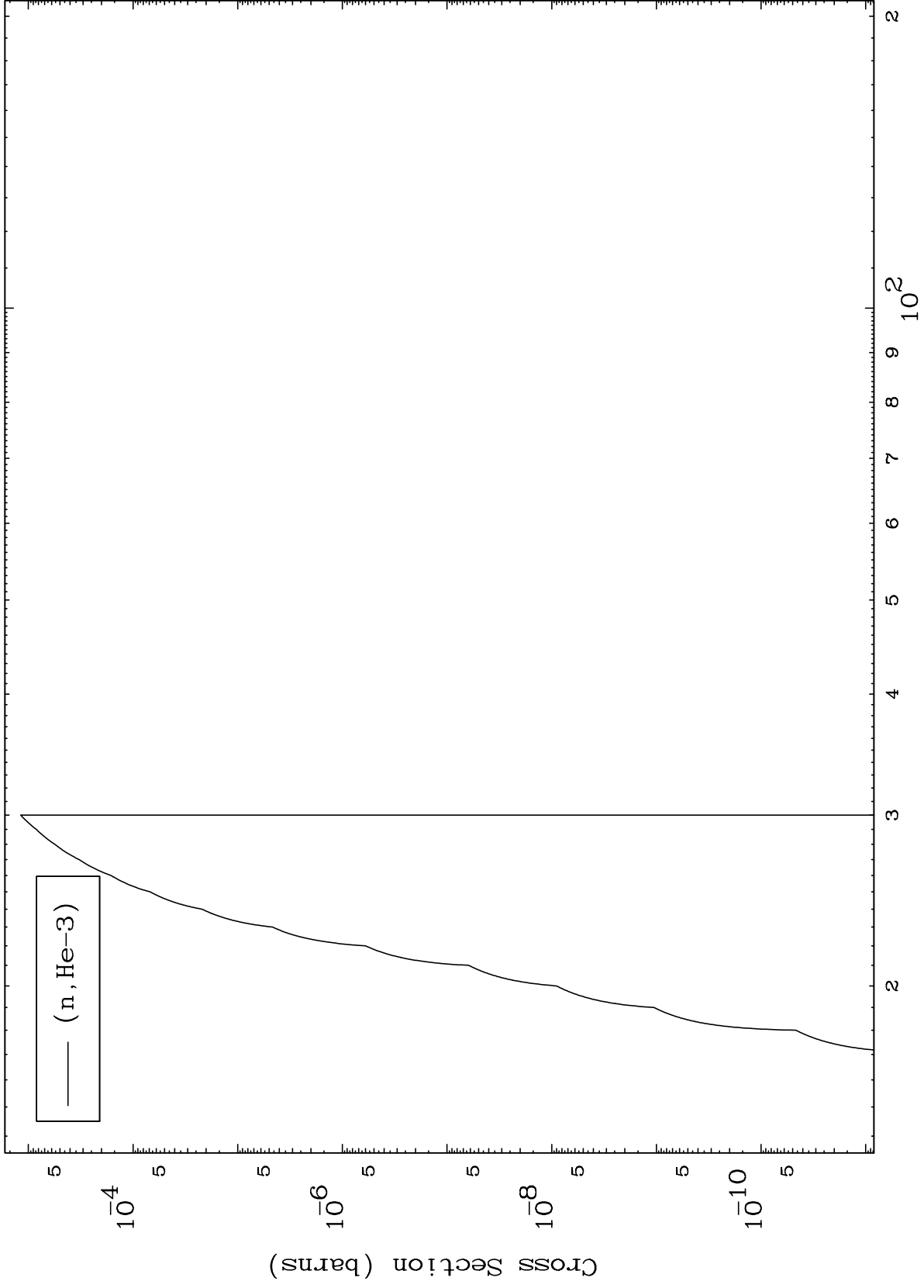




MAT 2637

(n,He3) Levels  
293 Kelvin Cross Sections

26-Fe-58



14

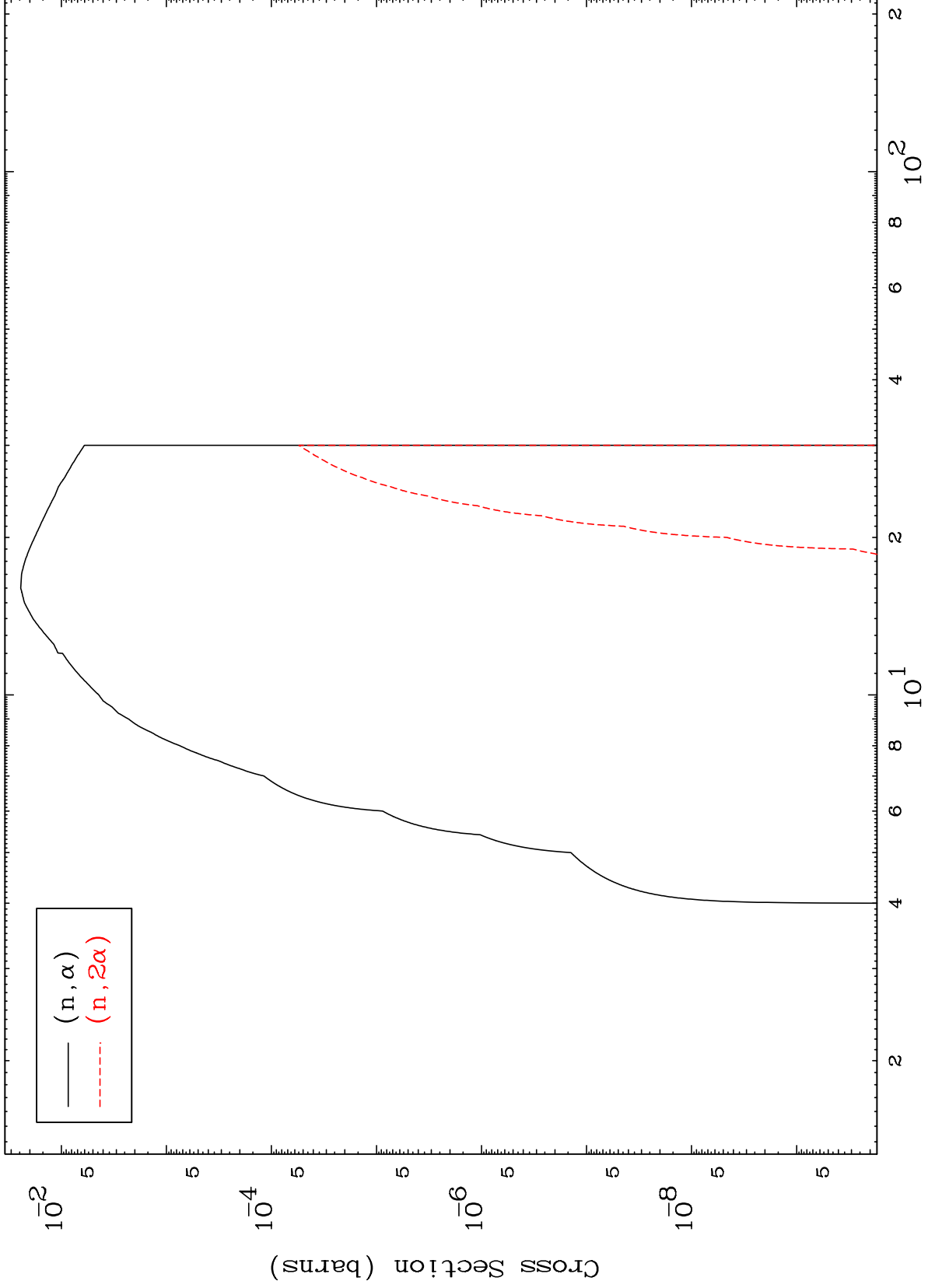
Incident Energy (MeV)

26-Fe-58

MAT 2637

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

26-Fe-58



15

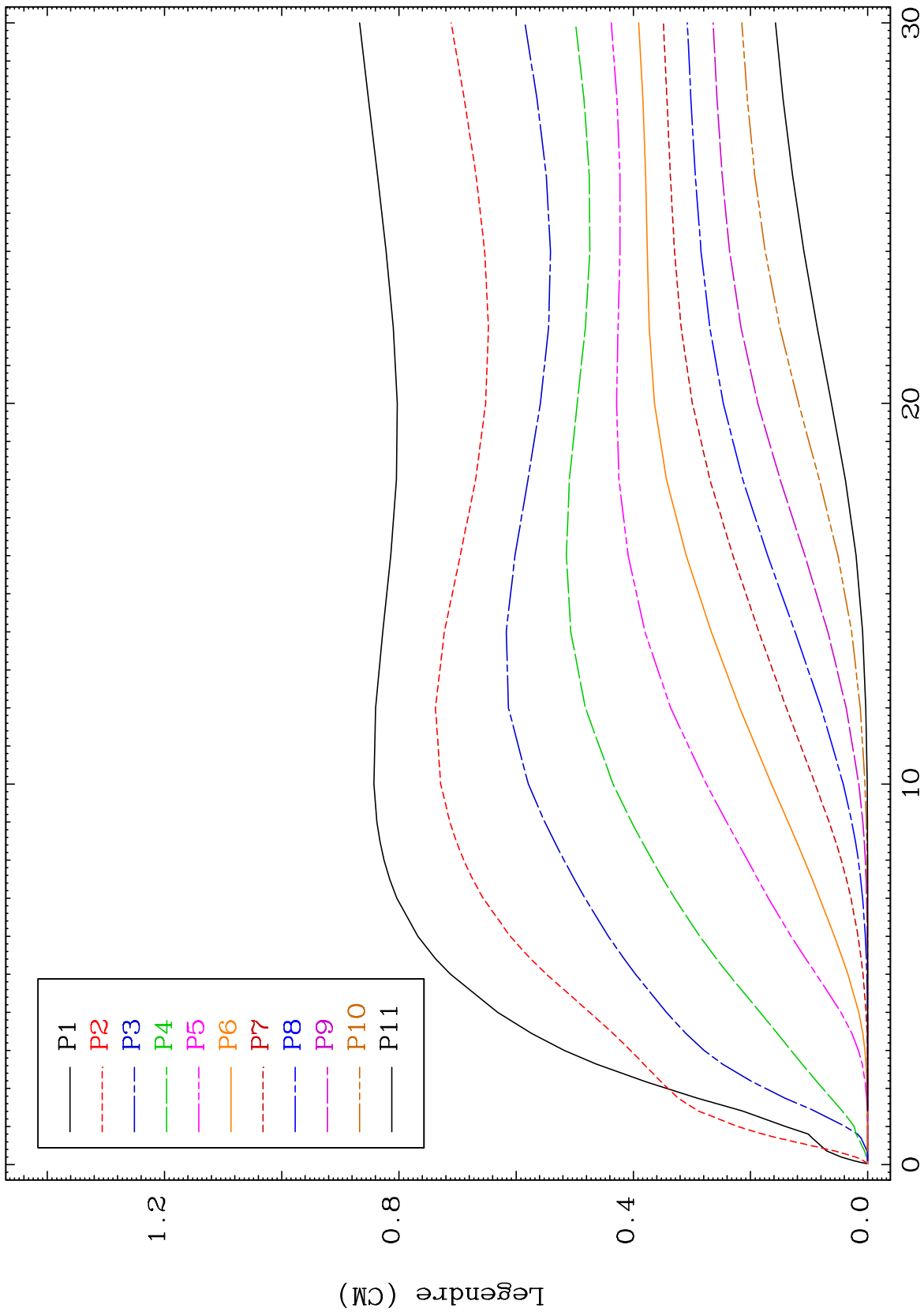
Incident Energy (MeV)

26-Fe-58

MAT 2637

Elastic Legendre Coefficients

<sup>26</sup>Fe-58



16

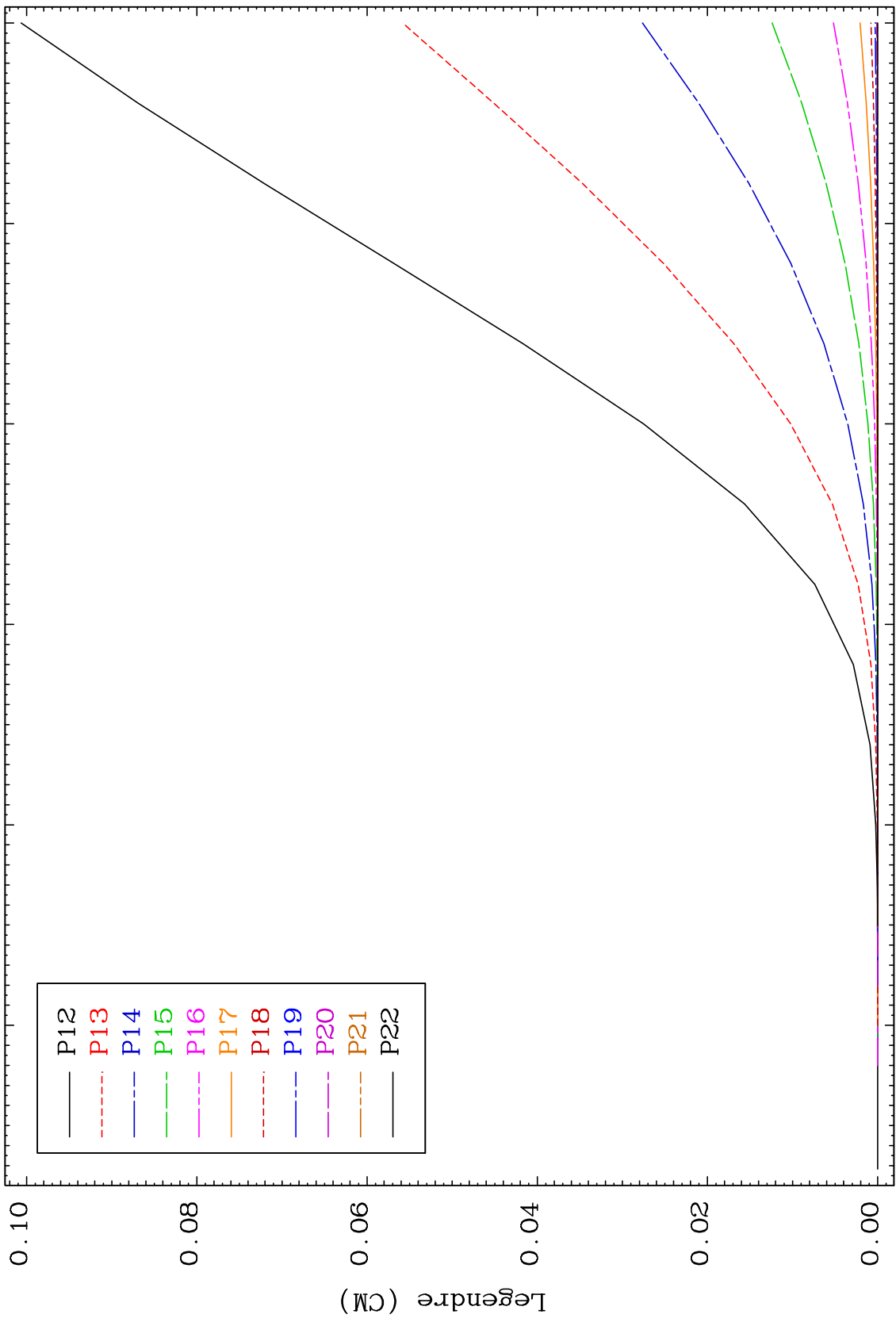
Incident Energy (MeV)

<sup>26</sup>Fe-58

MAT 2637

Elastic  
Legendre Coefficients

26-Fe-58



17

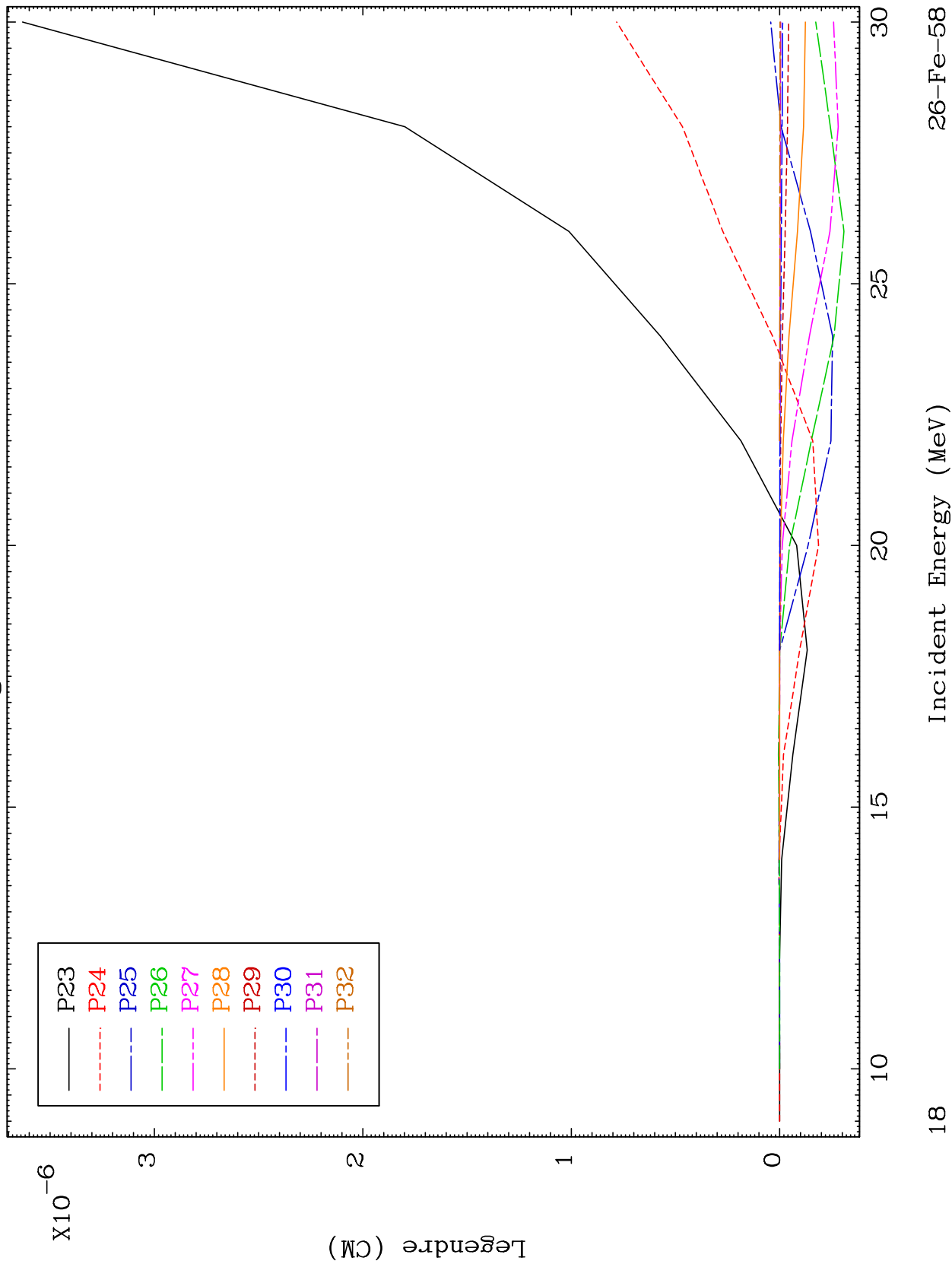
26-Fe-58

Incident Energy (MeV)

MAT 2637

Elastic Legendre Coefficients

26-Fe-58



18

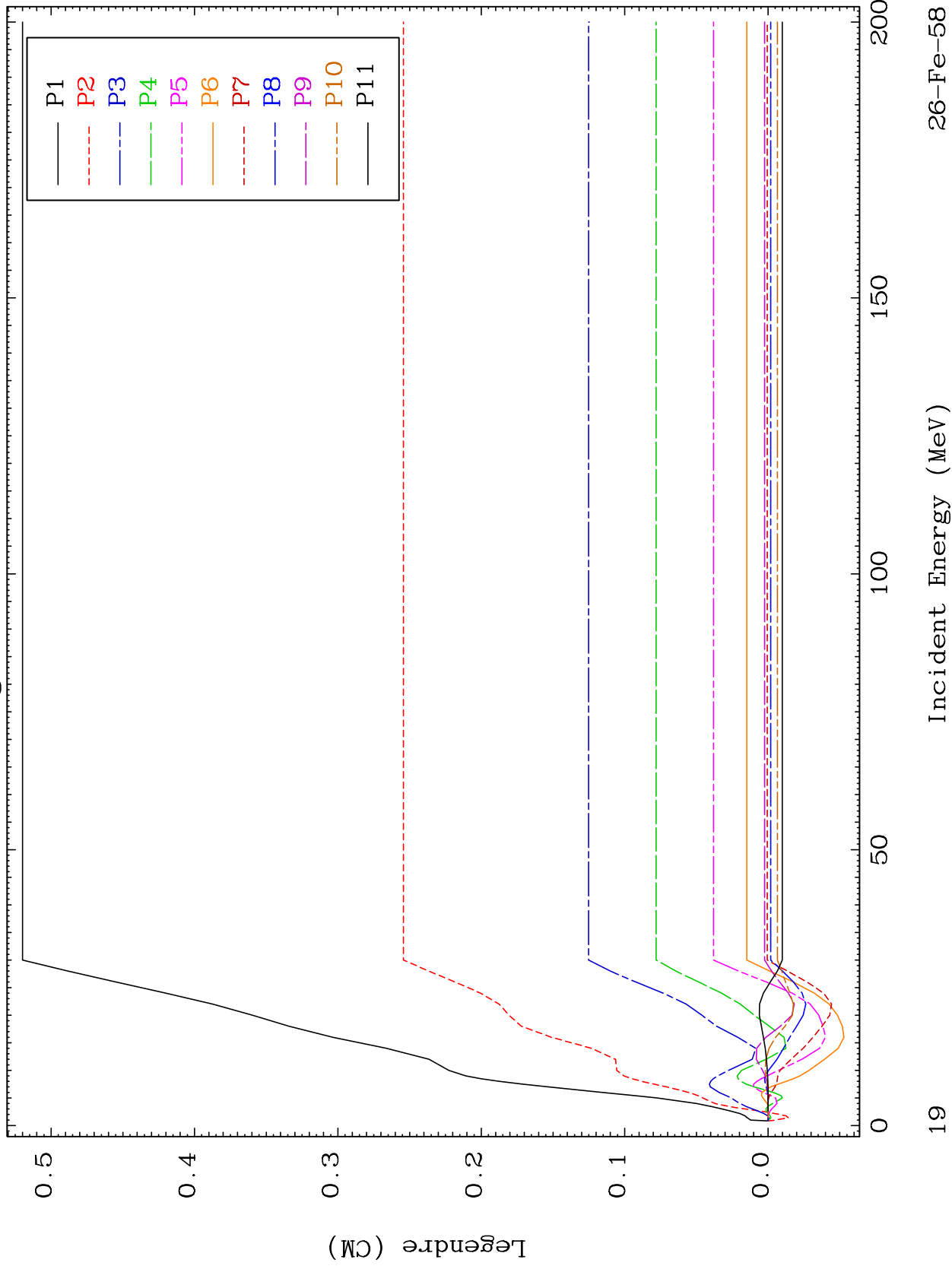
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

26-Fe-58



26-Fe-58

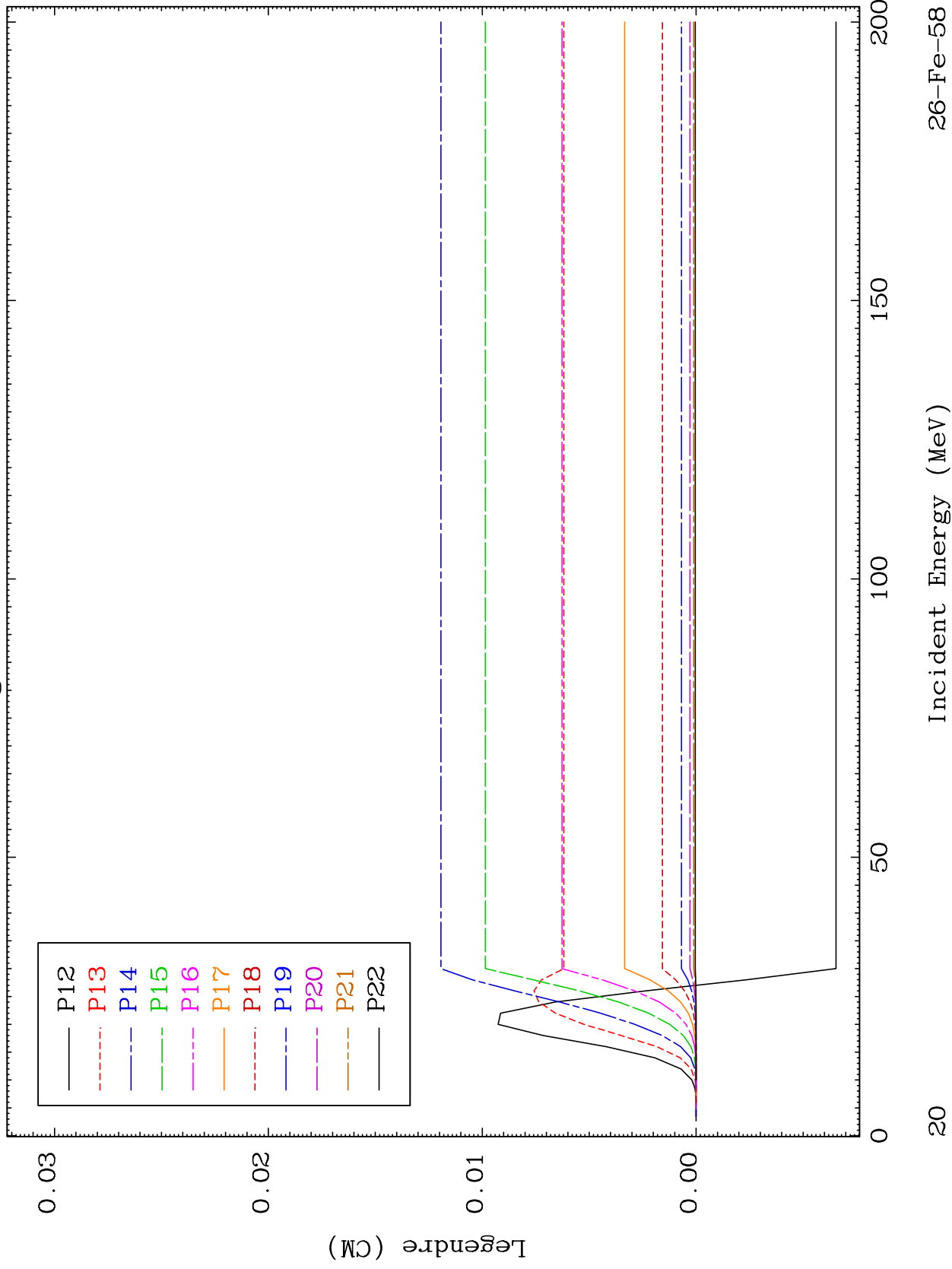
Incident Energy (MeV)

19

MAT 2637

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

26-Fe-58



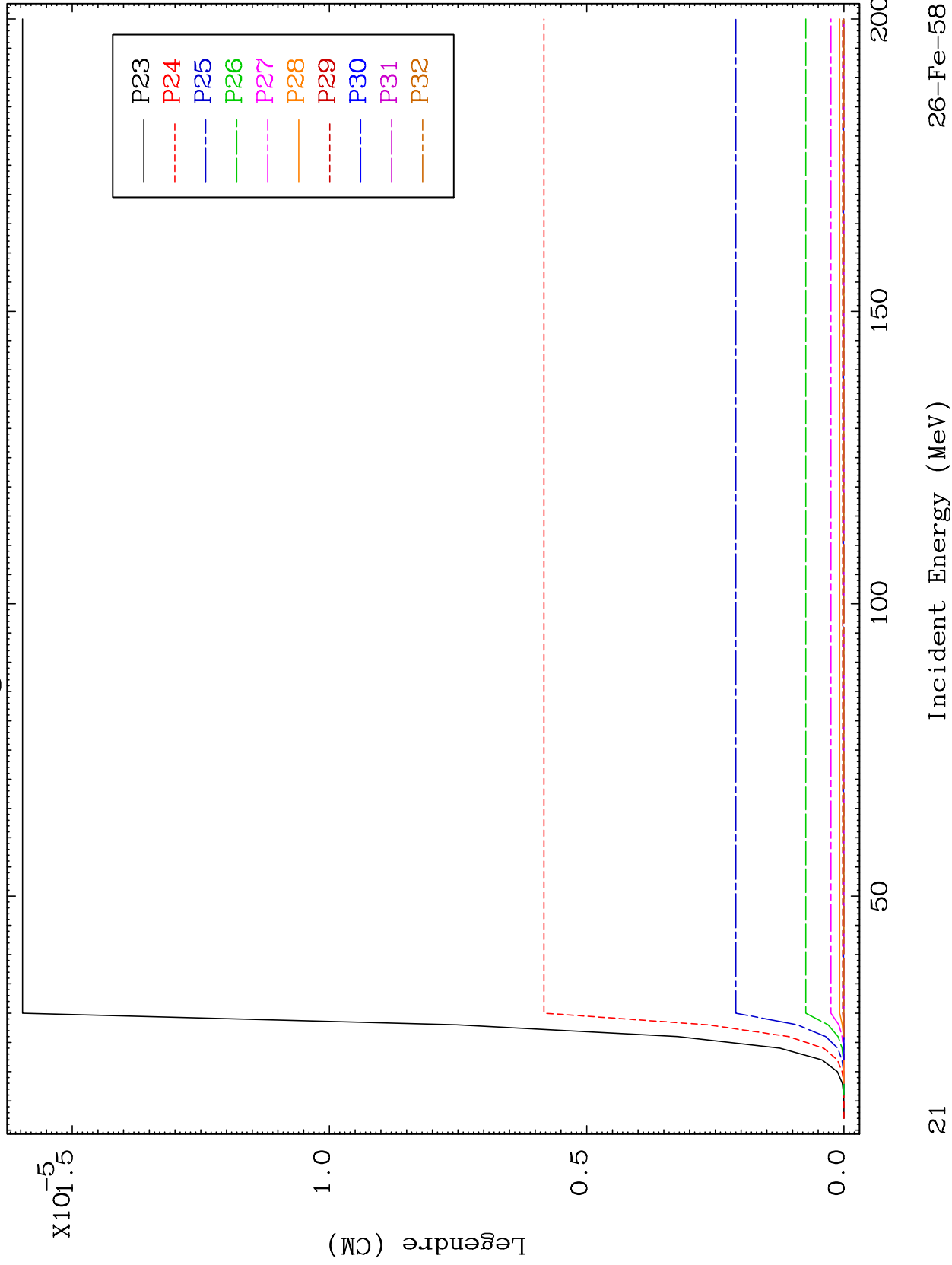
26-Fe-58

Incident Energy (MeV)

MAT 2637

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

26-Fe-58



21

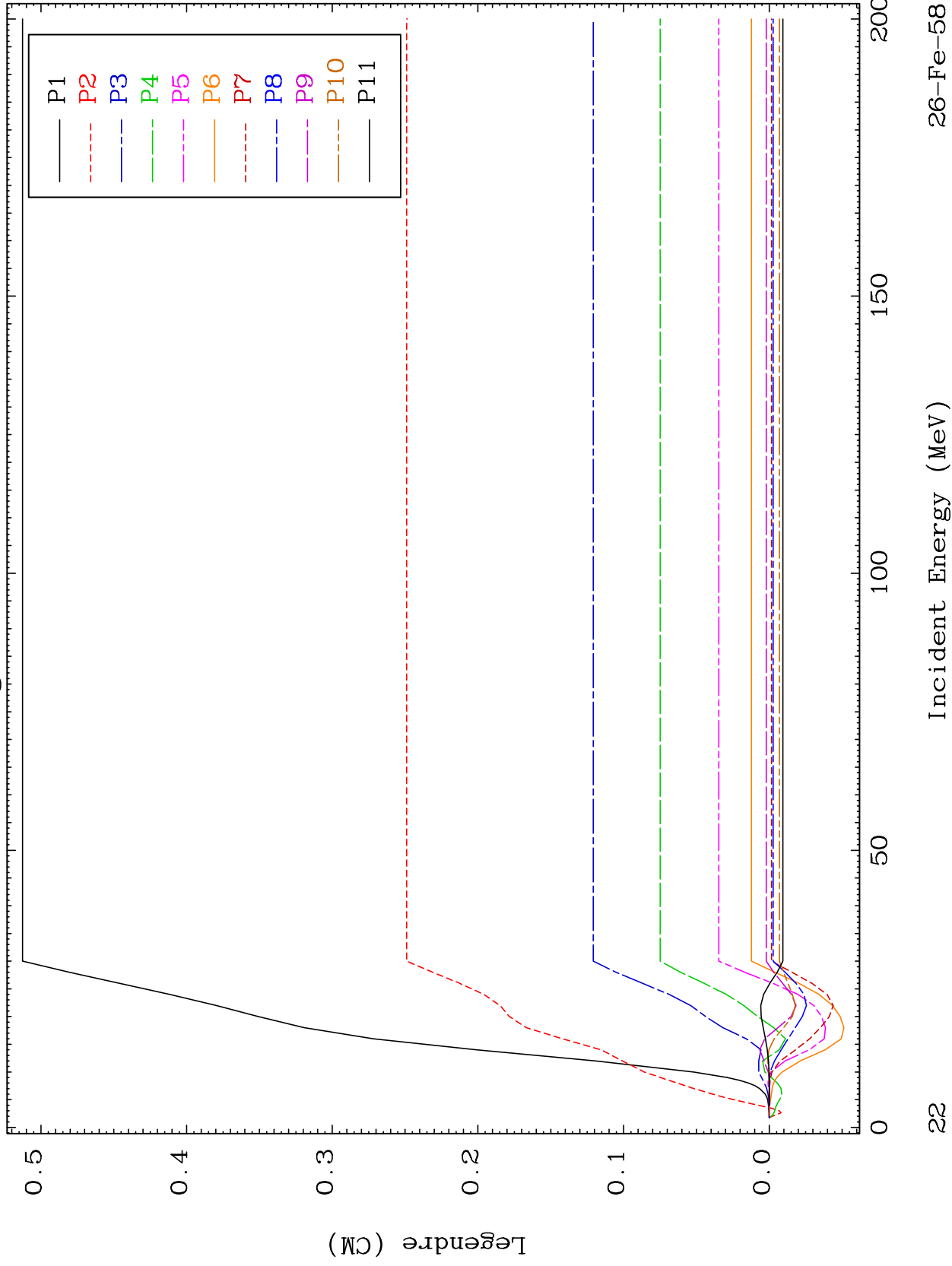
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

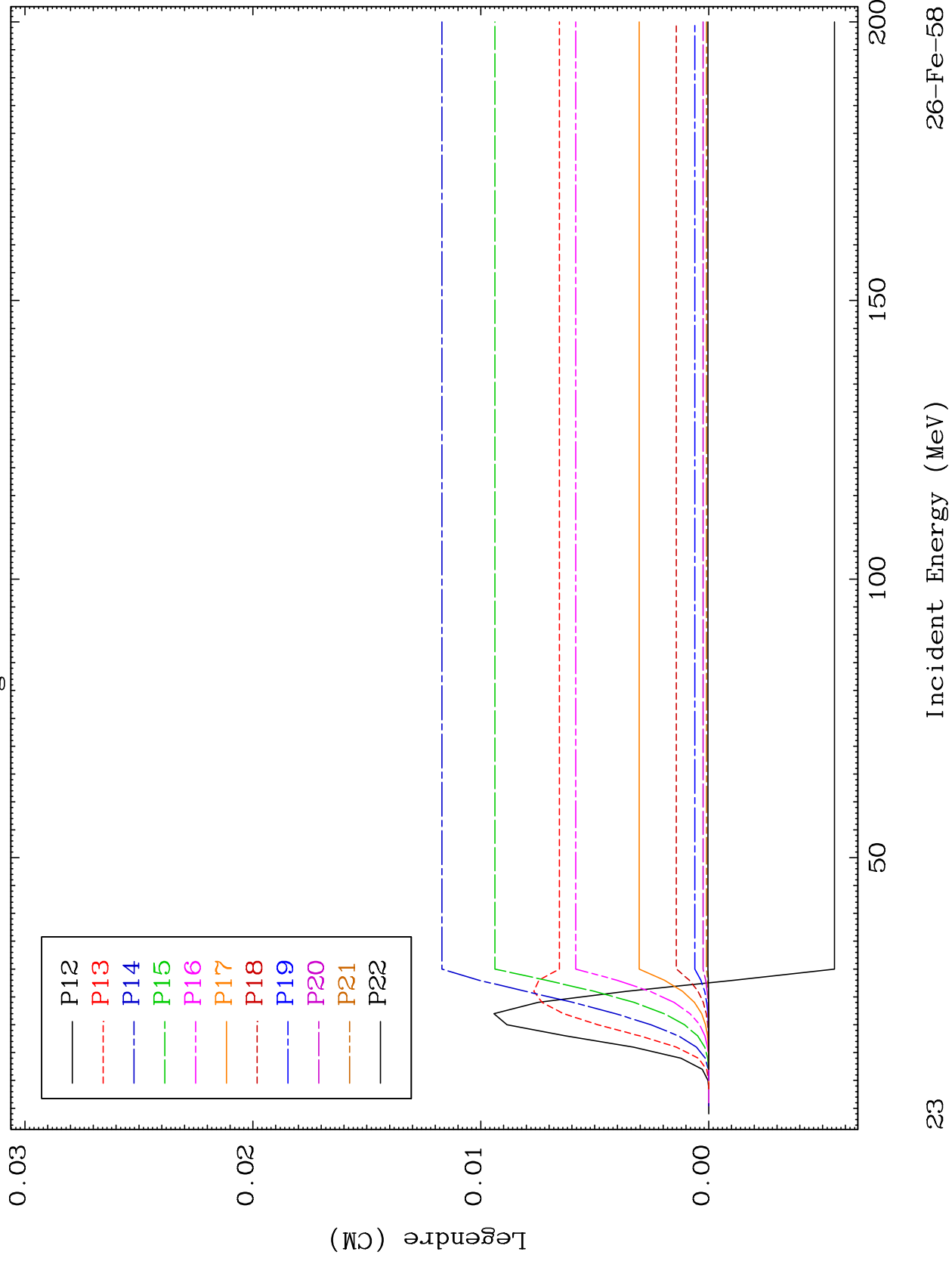
26-Fe-58



MAT 2637

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

26-Fe-58



23

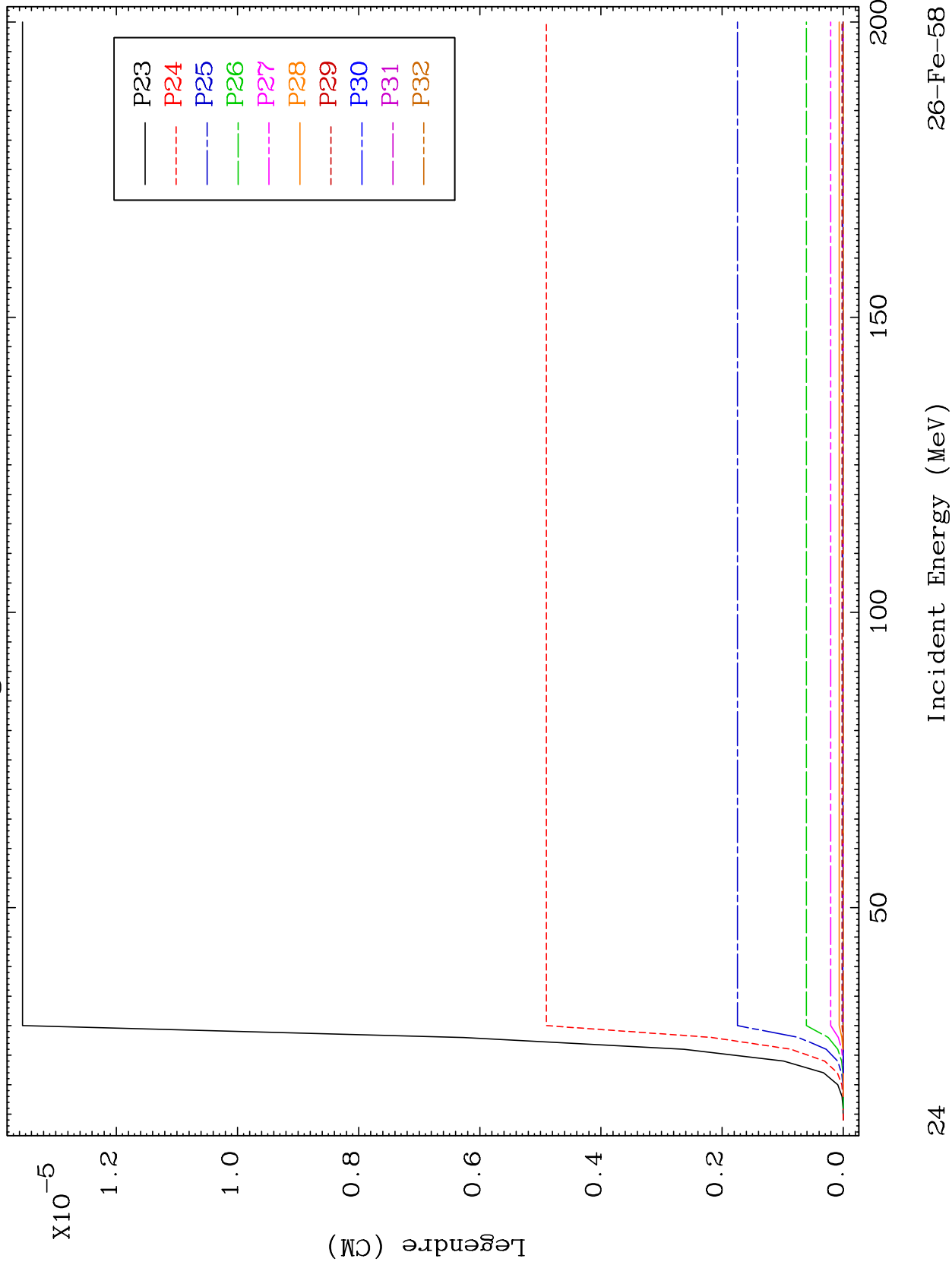
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

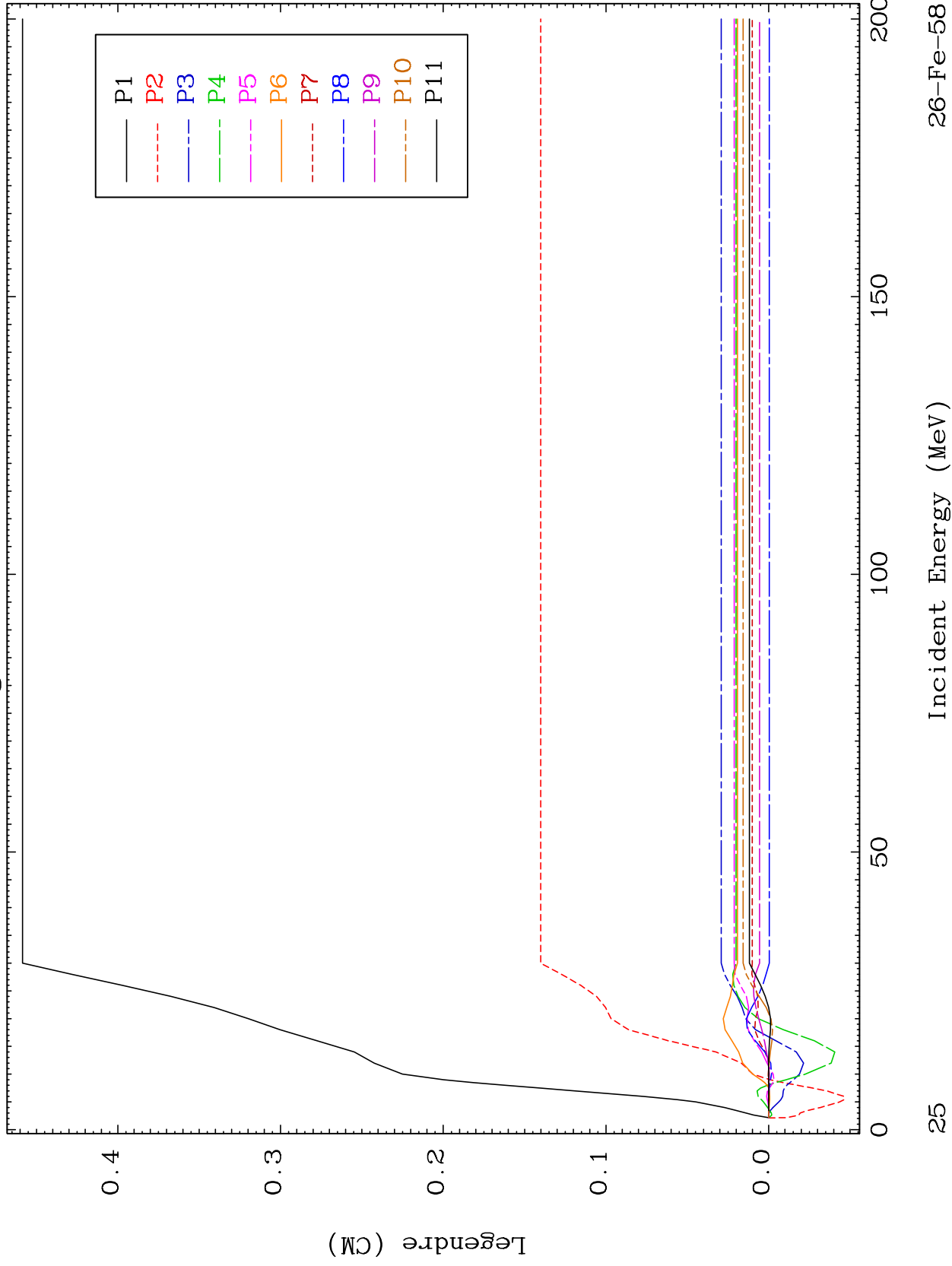
26-Fe-58



MAT 2637

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

26-Fe-58



25

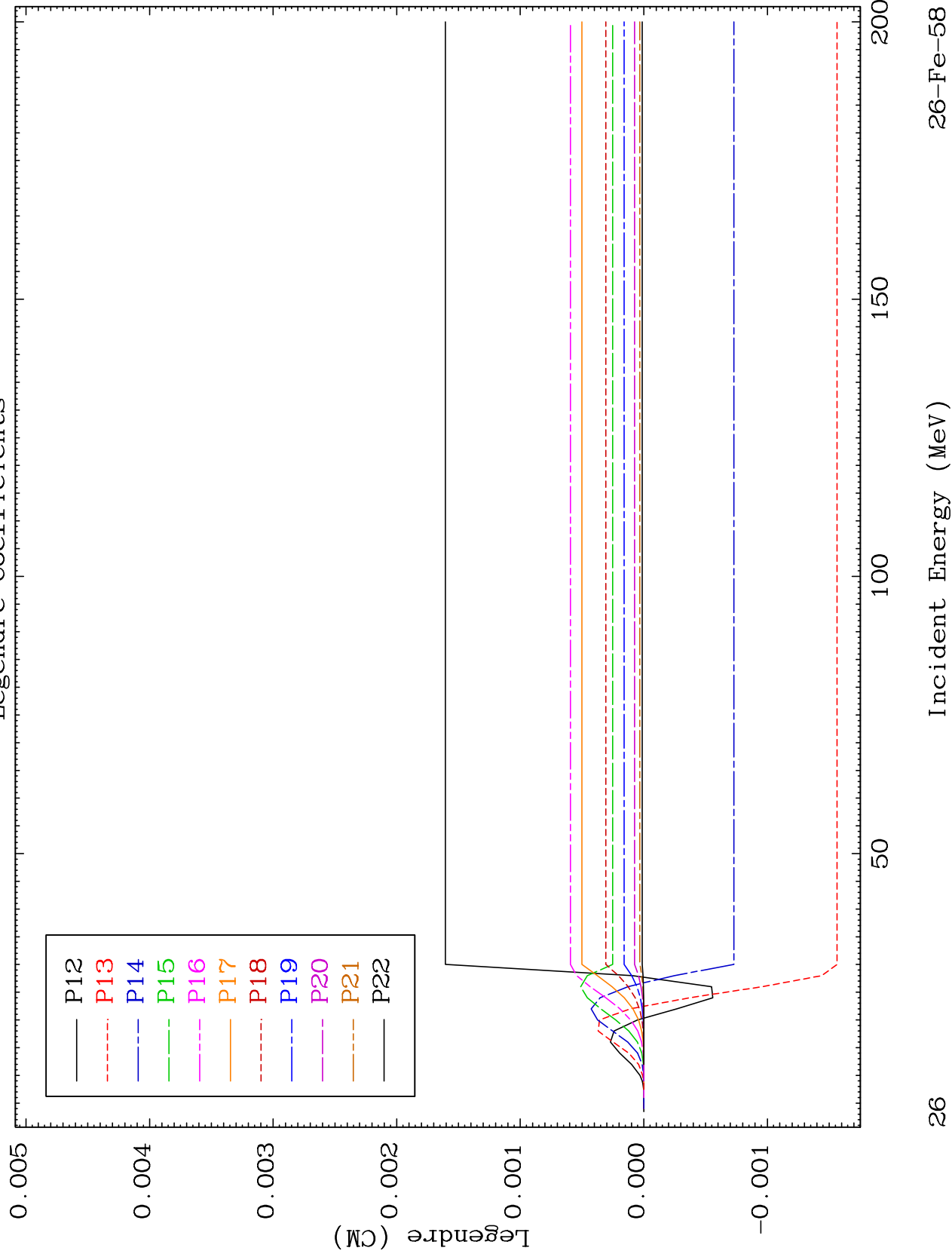
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

26-Fe-58



26

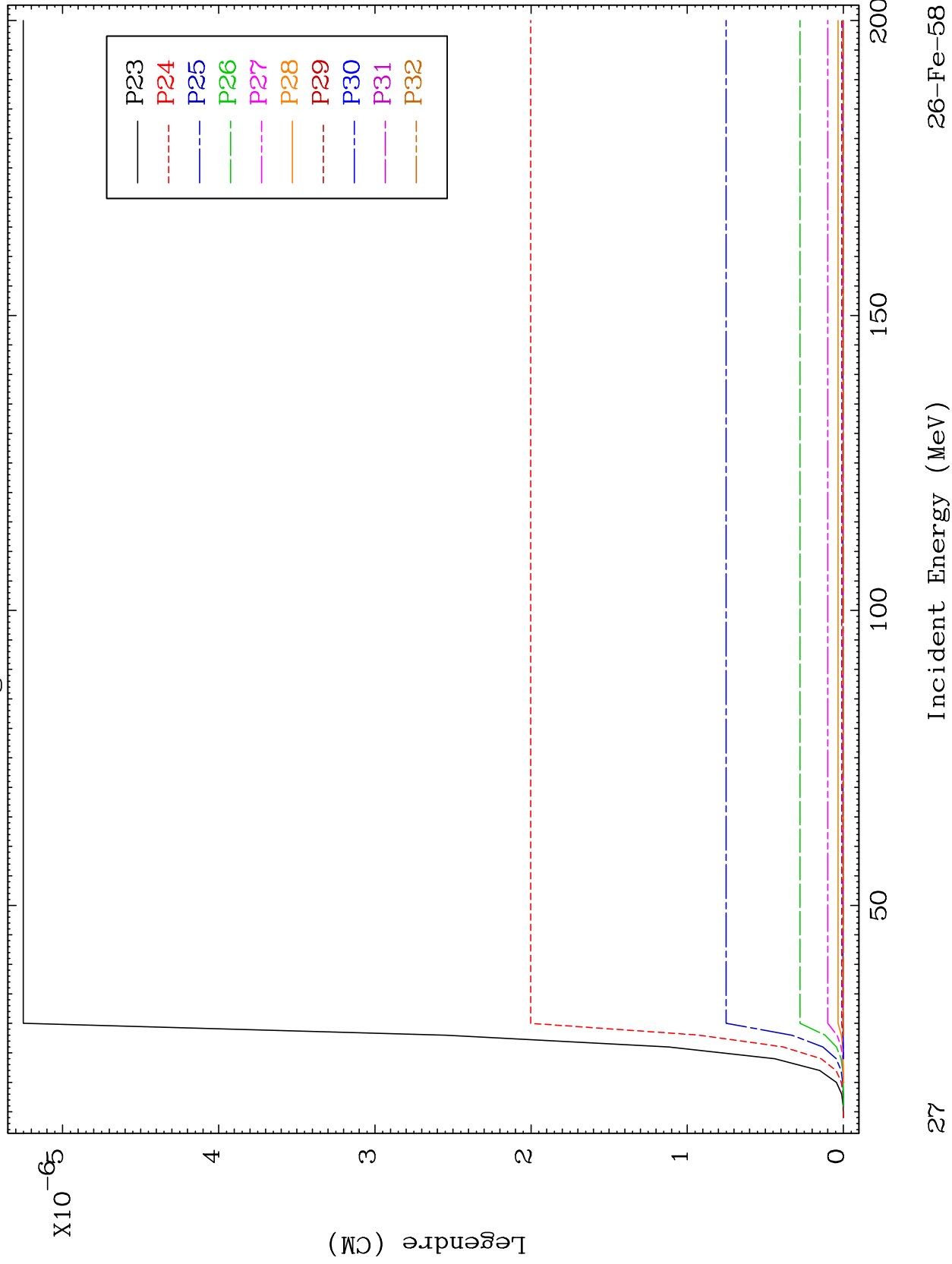
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

26-Fe-58



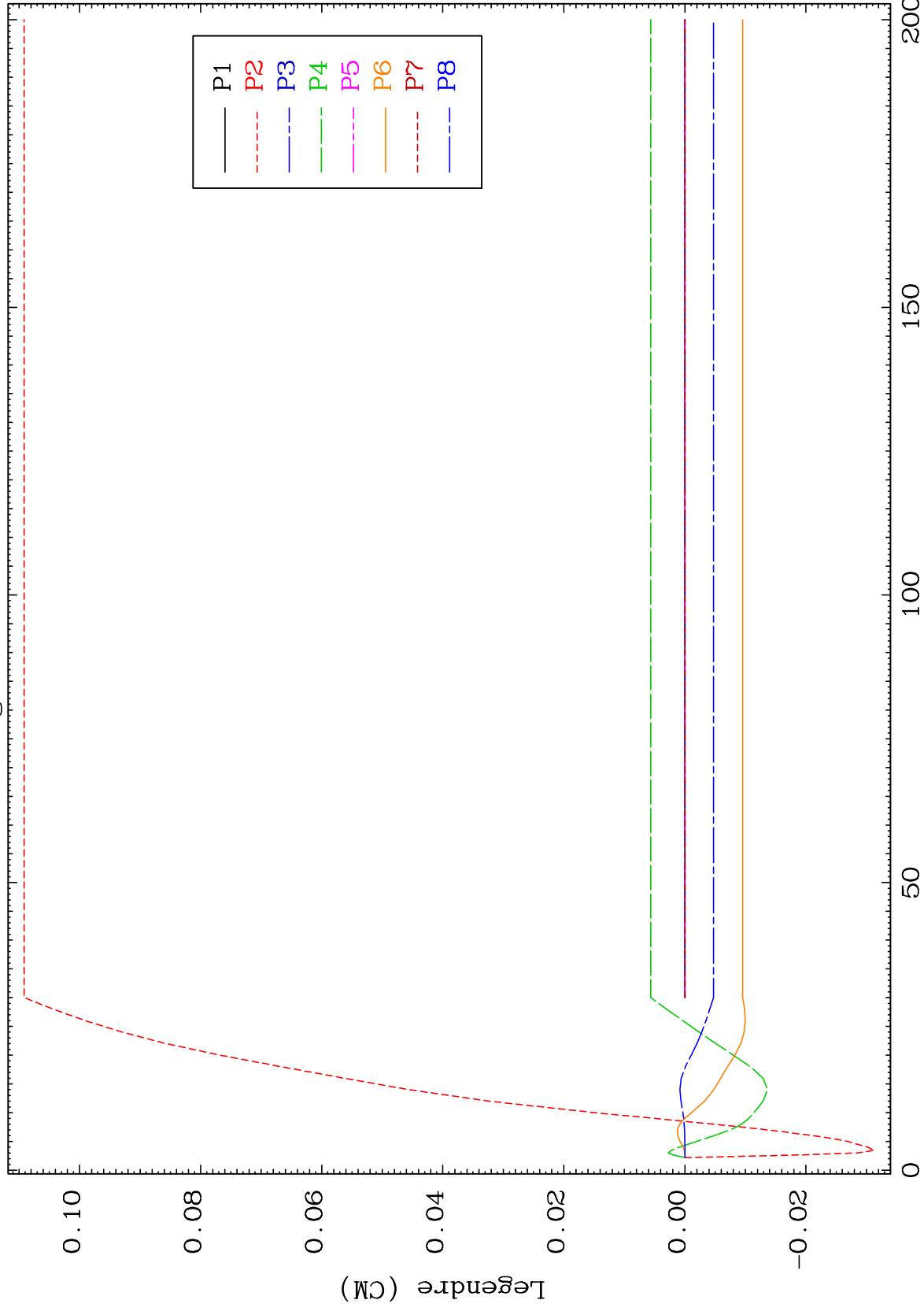
27

26-Fe-58

MAT 2637

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

26-Fe-58



28

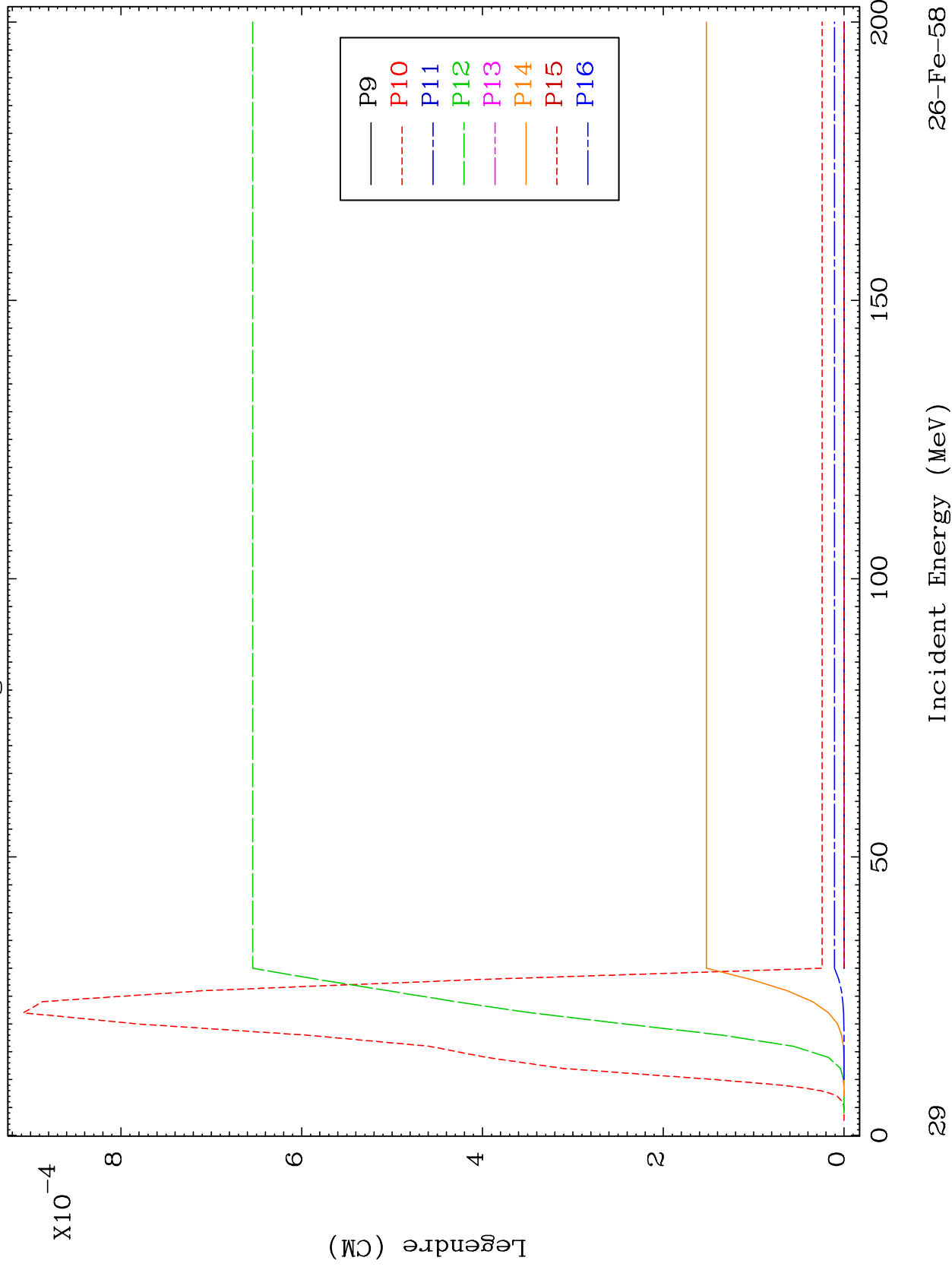
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

26-Fe-58

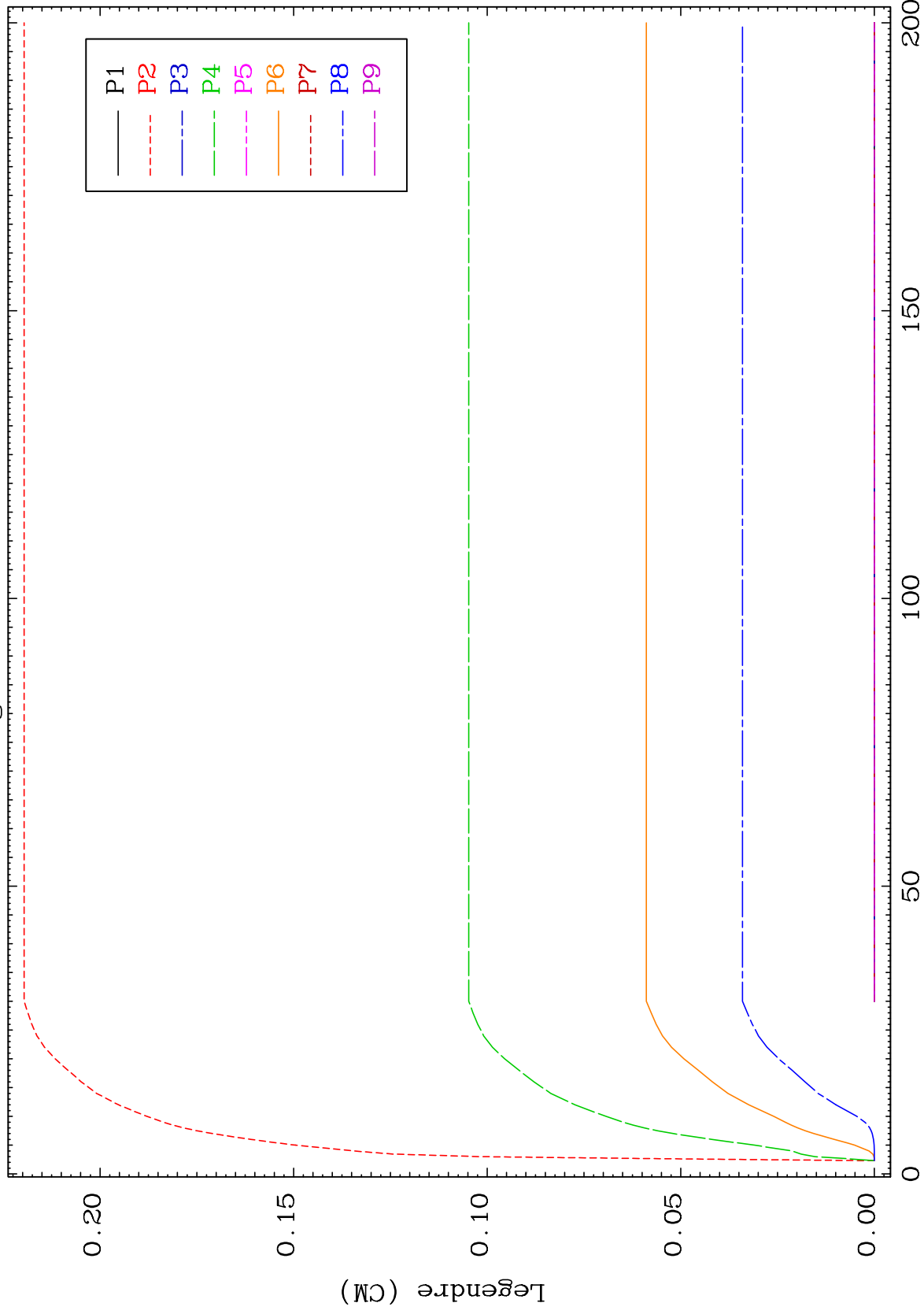




MAT 2637

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

26-Fe-58



31

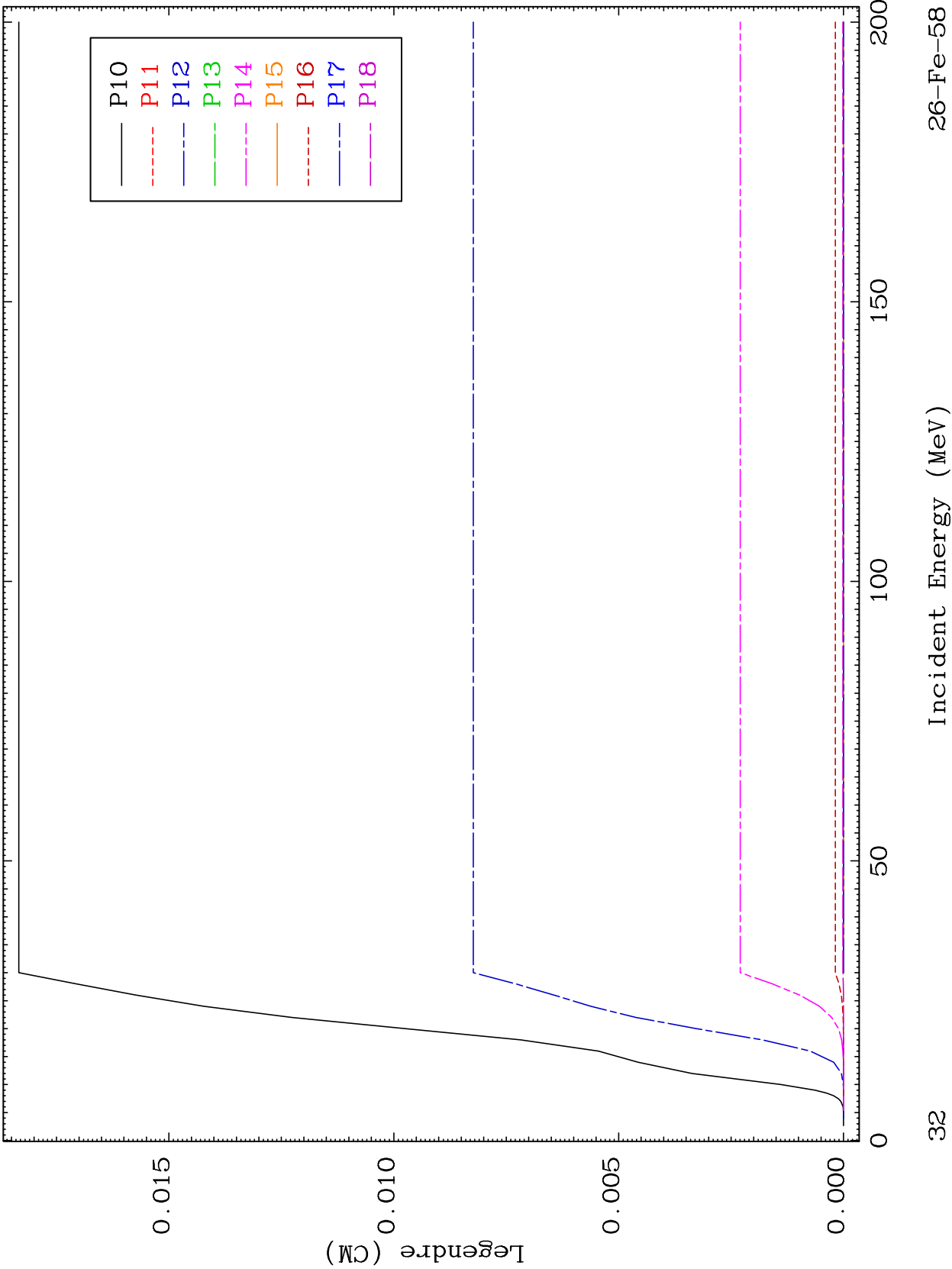
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

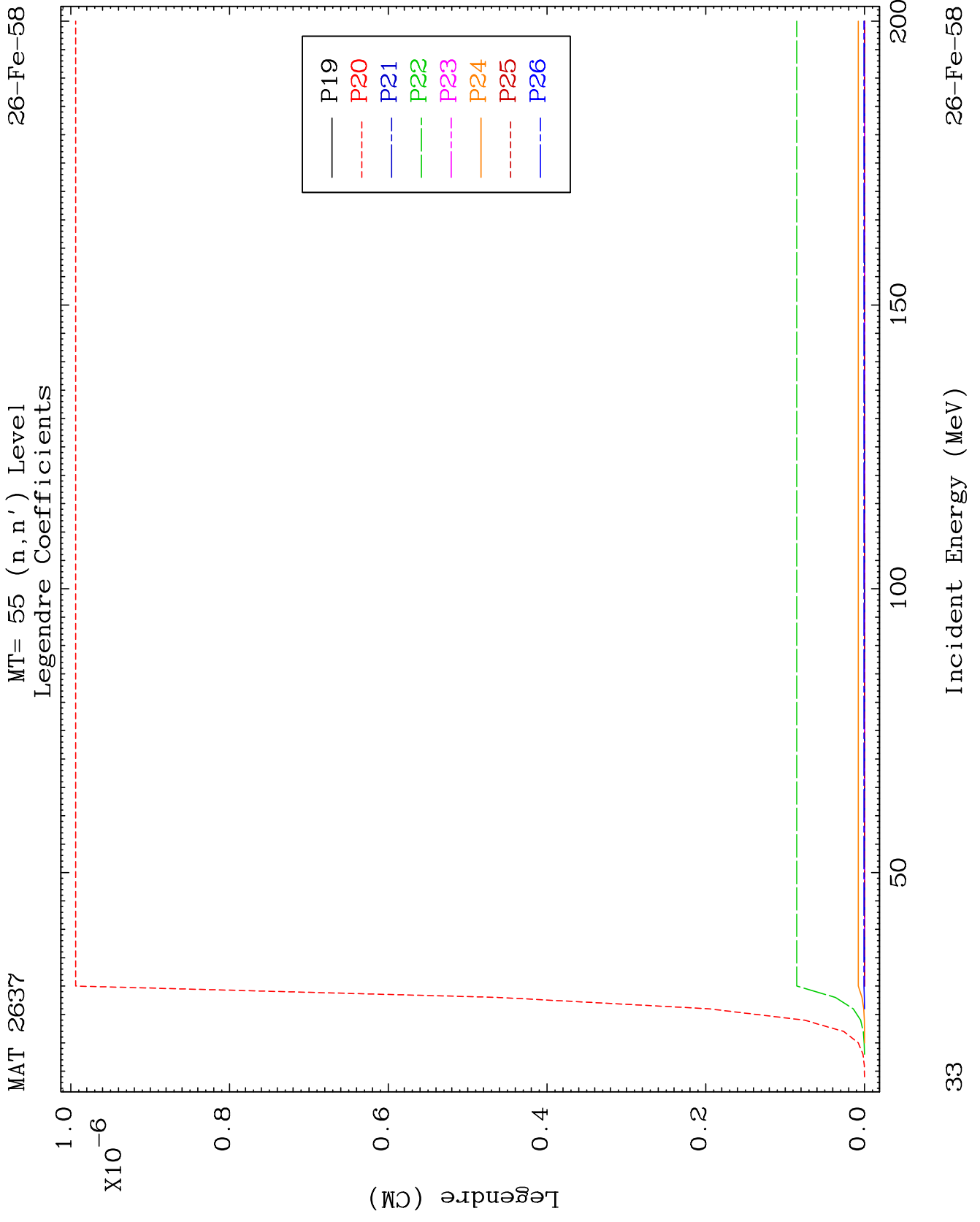
26-Fe-58



32

Incident Energy (MeV)

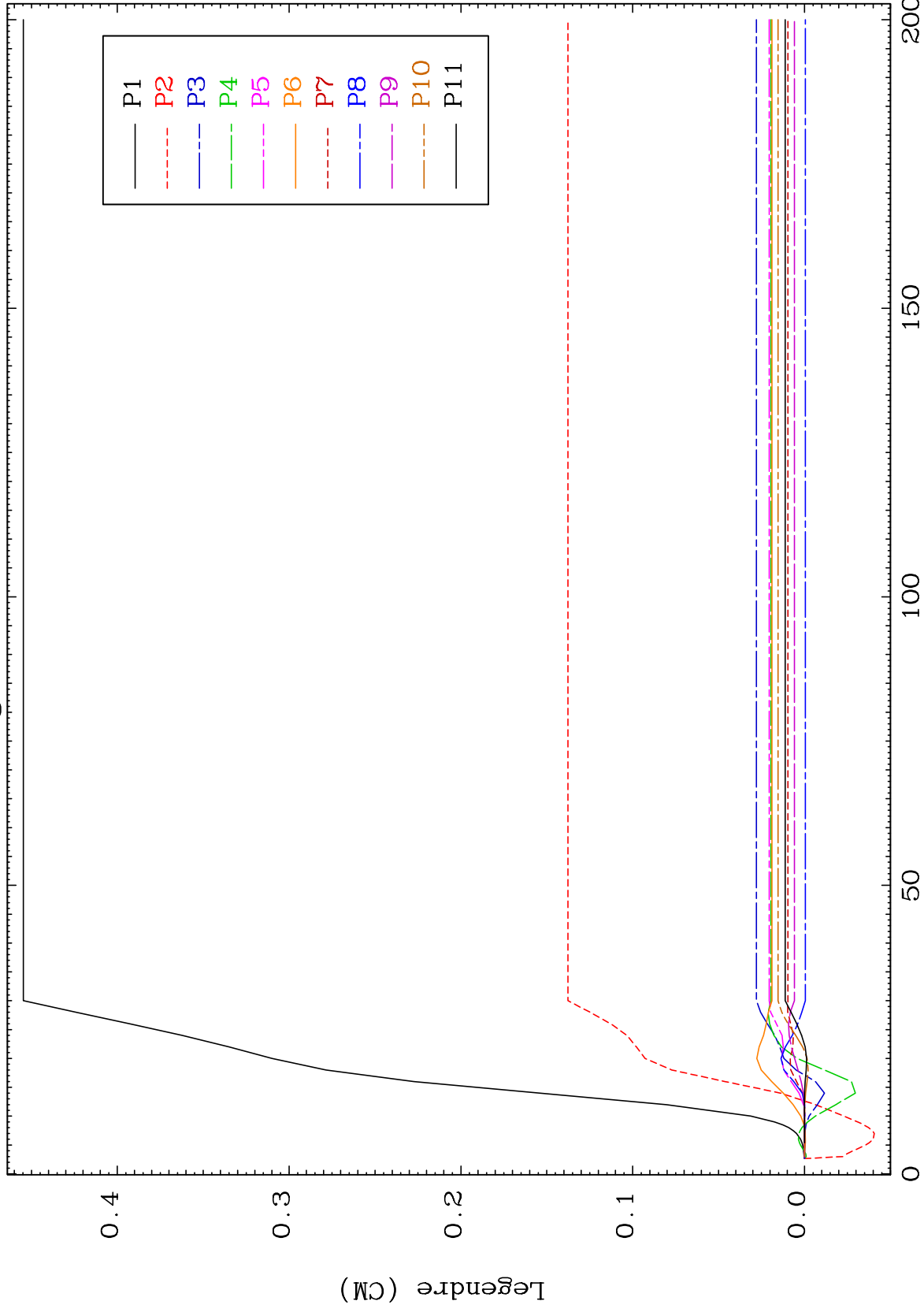
26-Fe-58



MAT 2637

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

26-Fe-58



34

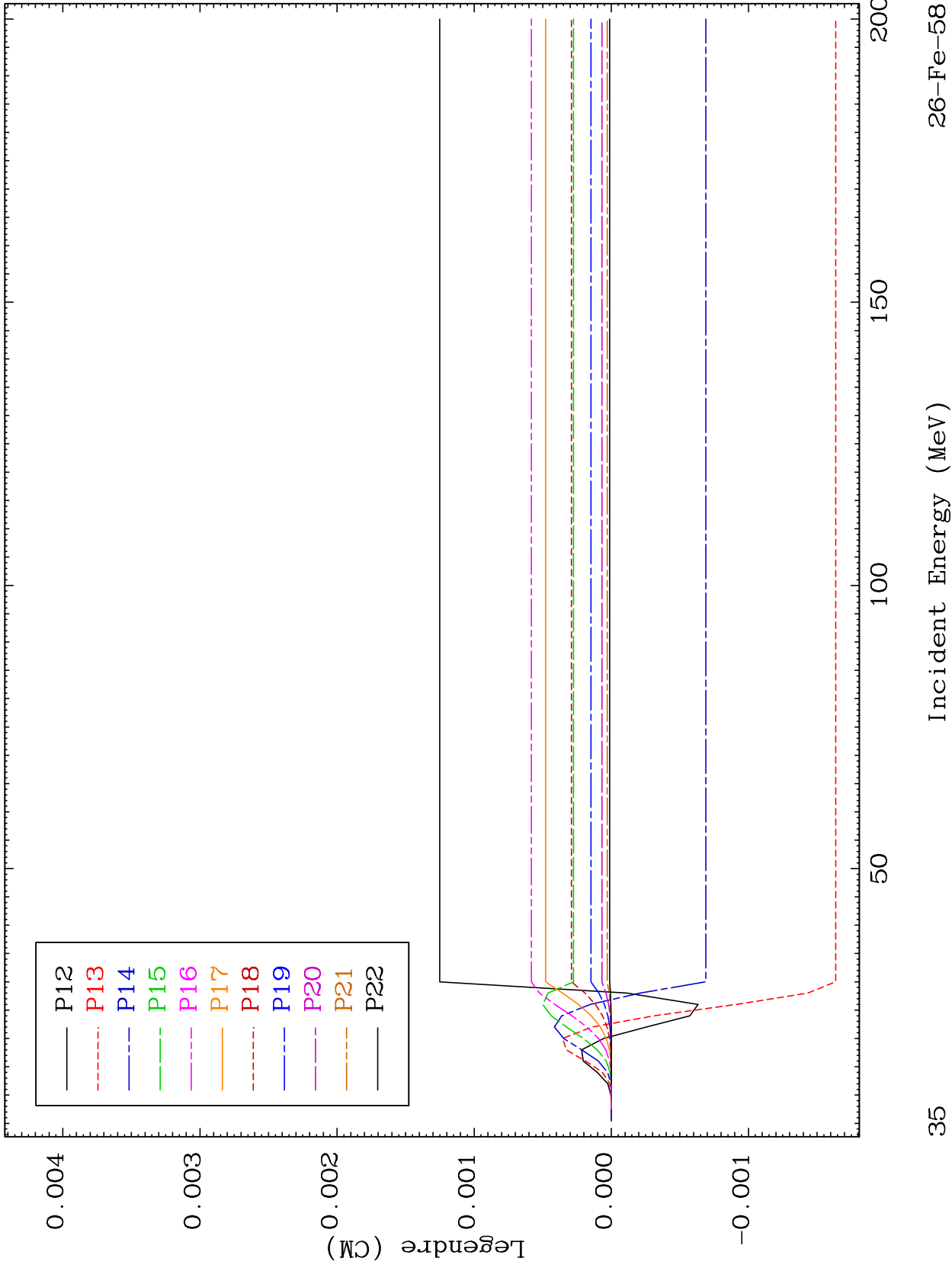
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

26-Fe-58



35

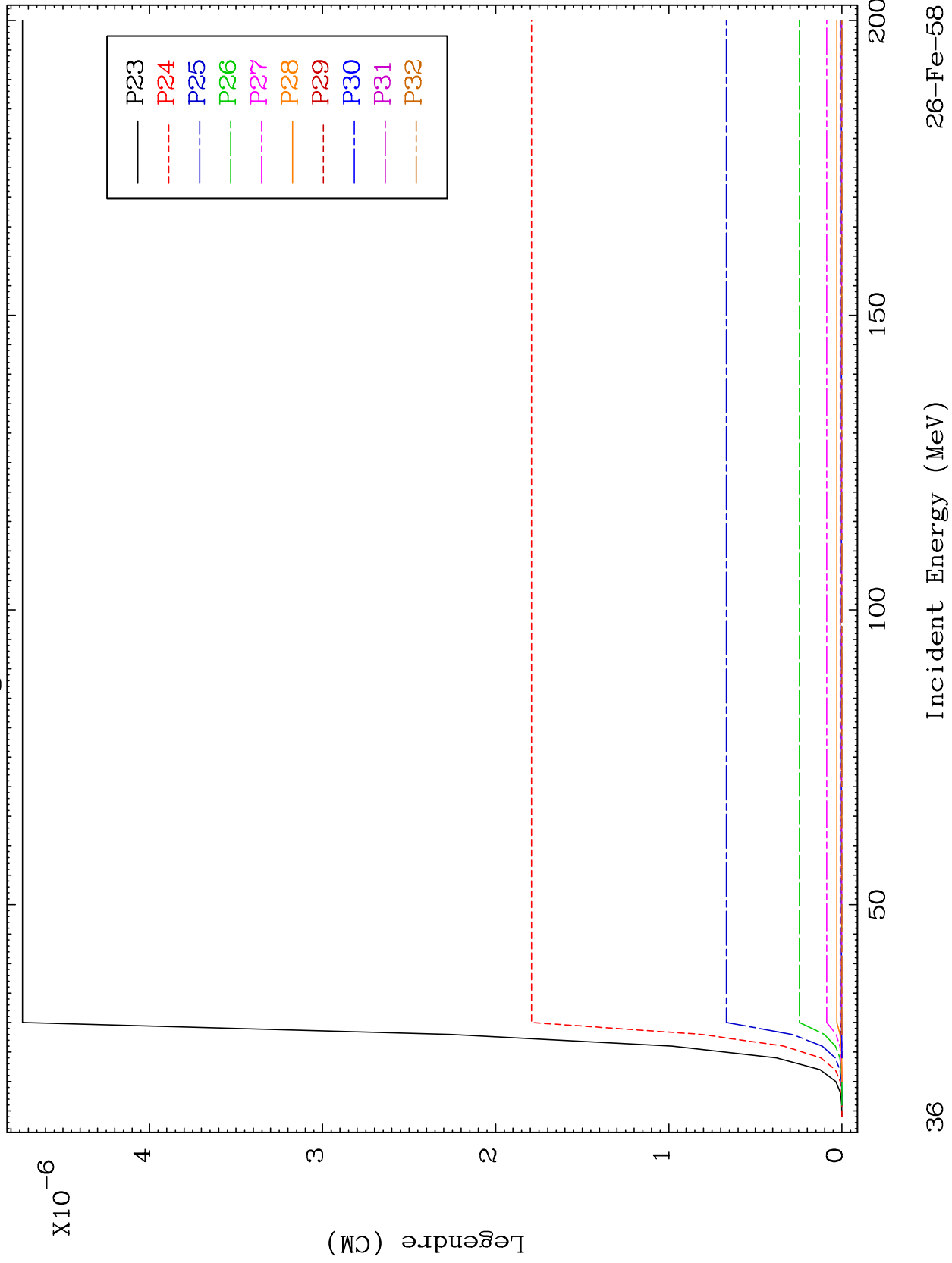
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

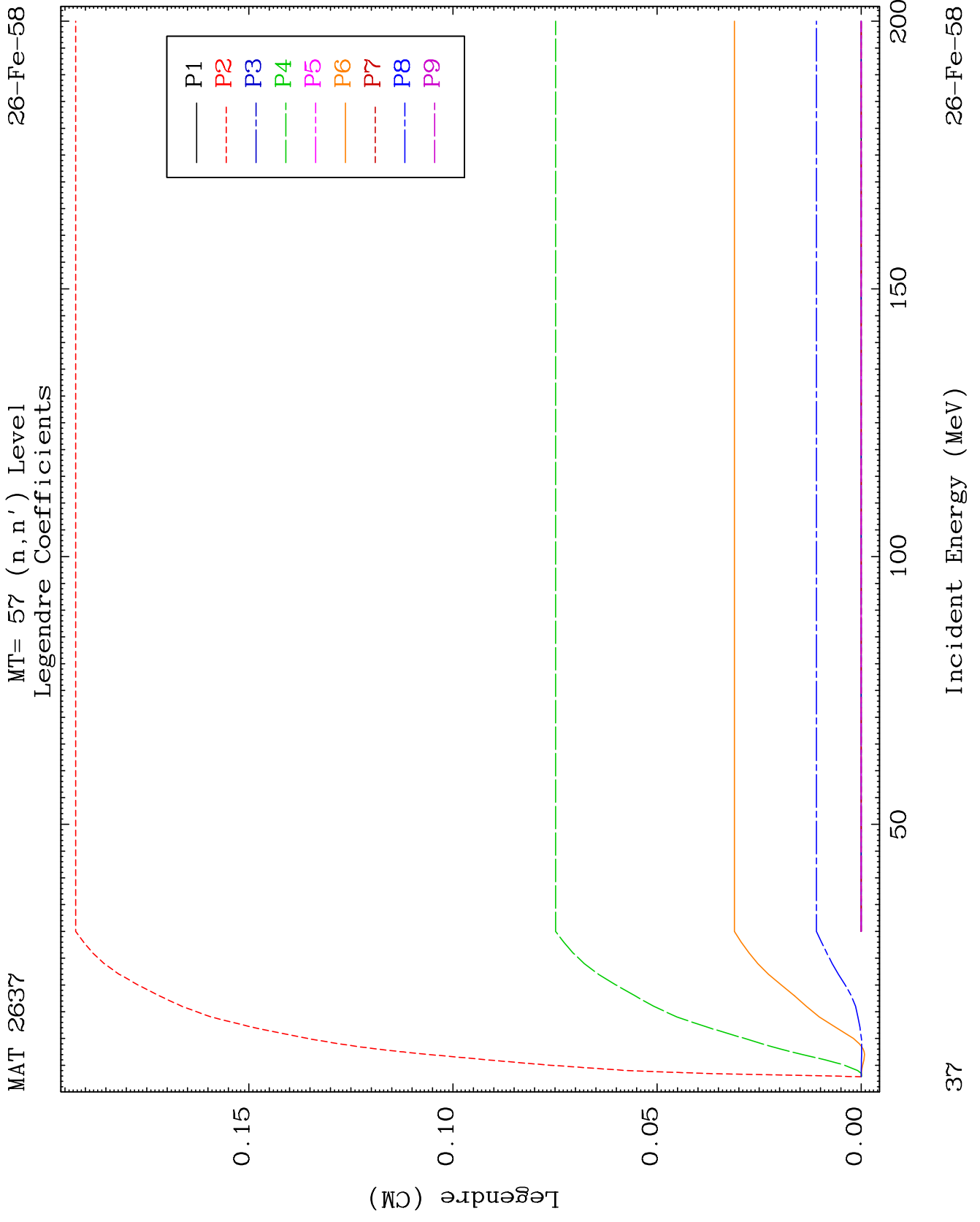
26-Fe-58



36

Incident Energy (MeV)

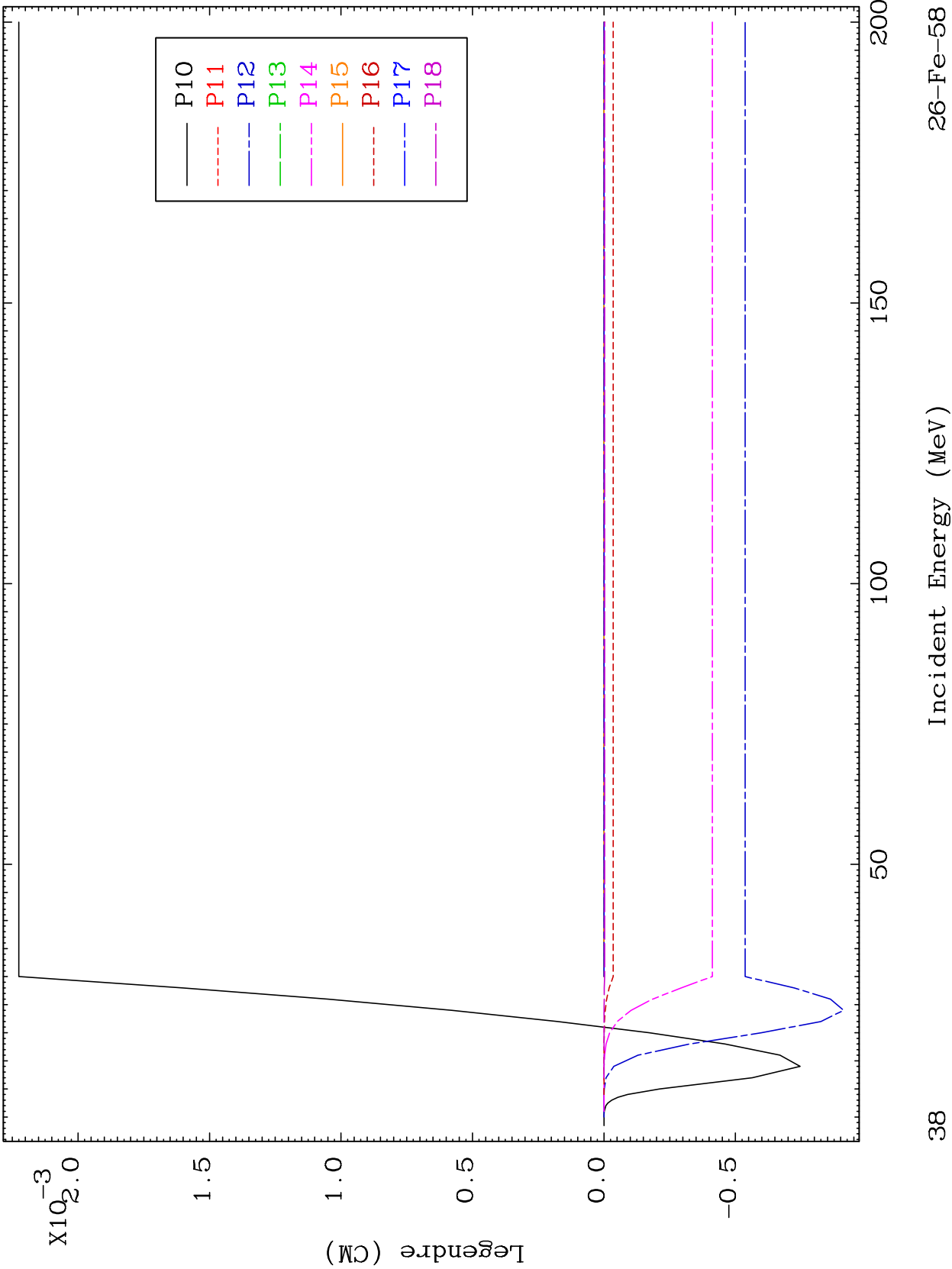
26-Fe-58



MAT 2637

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

26-Fe-58



38

Incident Energy (MeV)

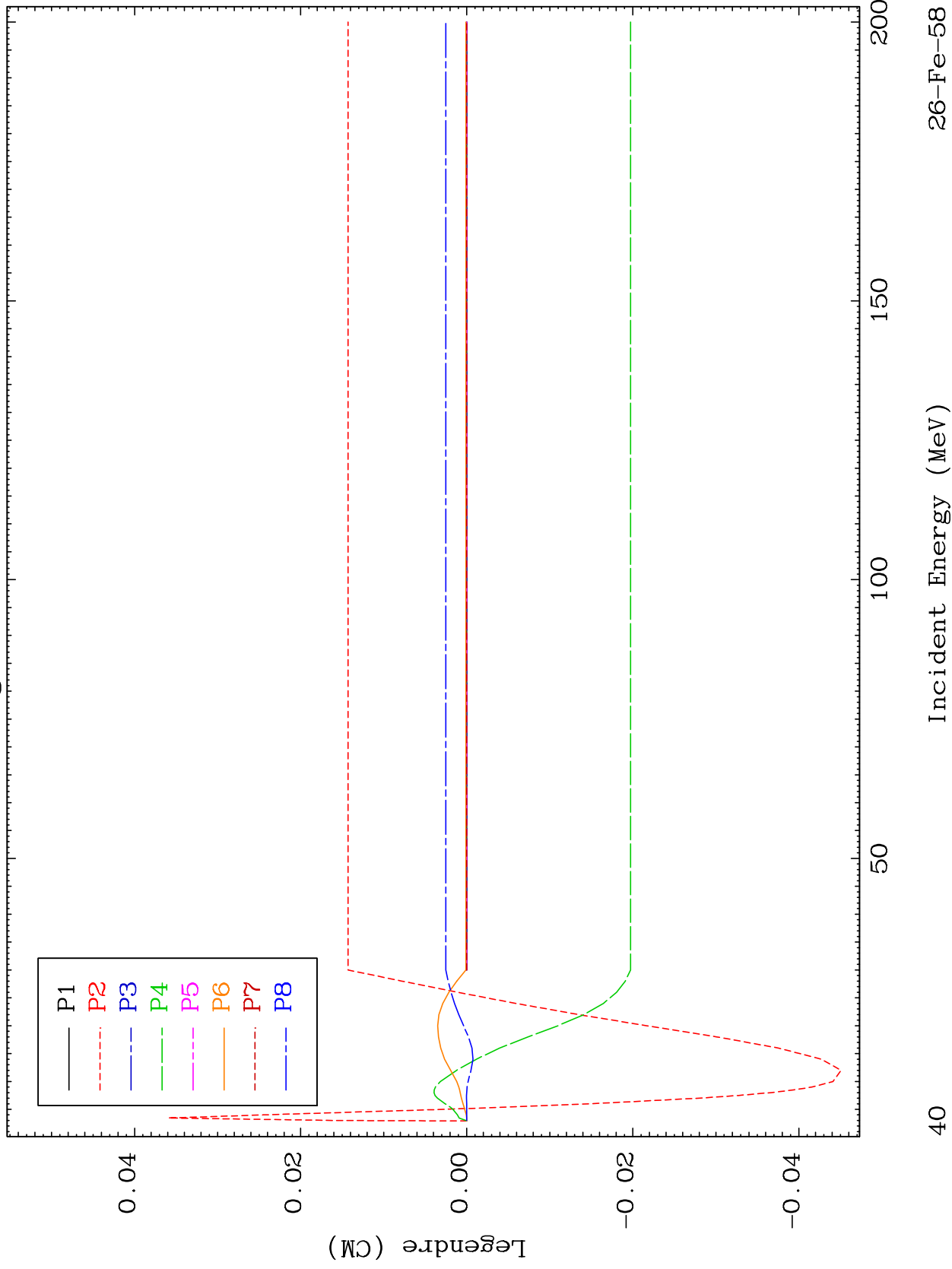
26-Fe-58



MAT 2637

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

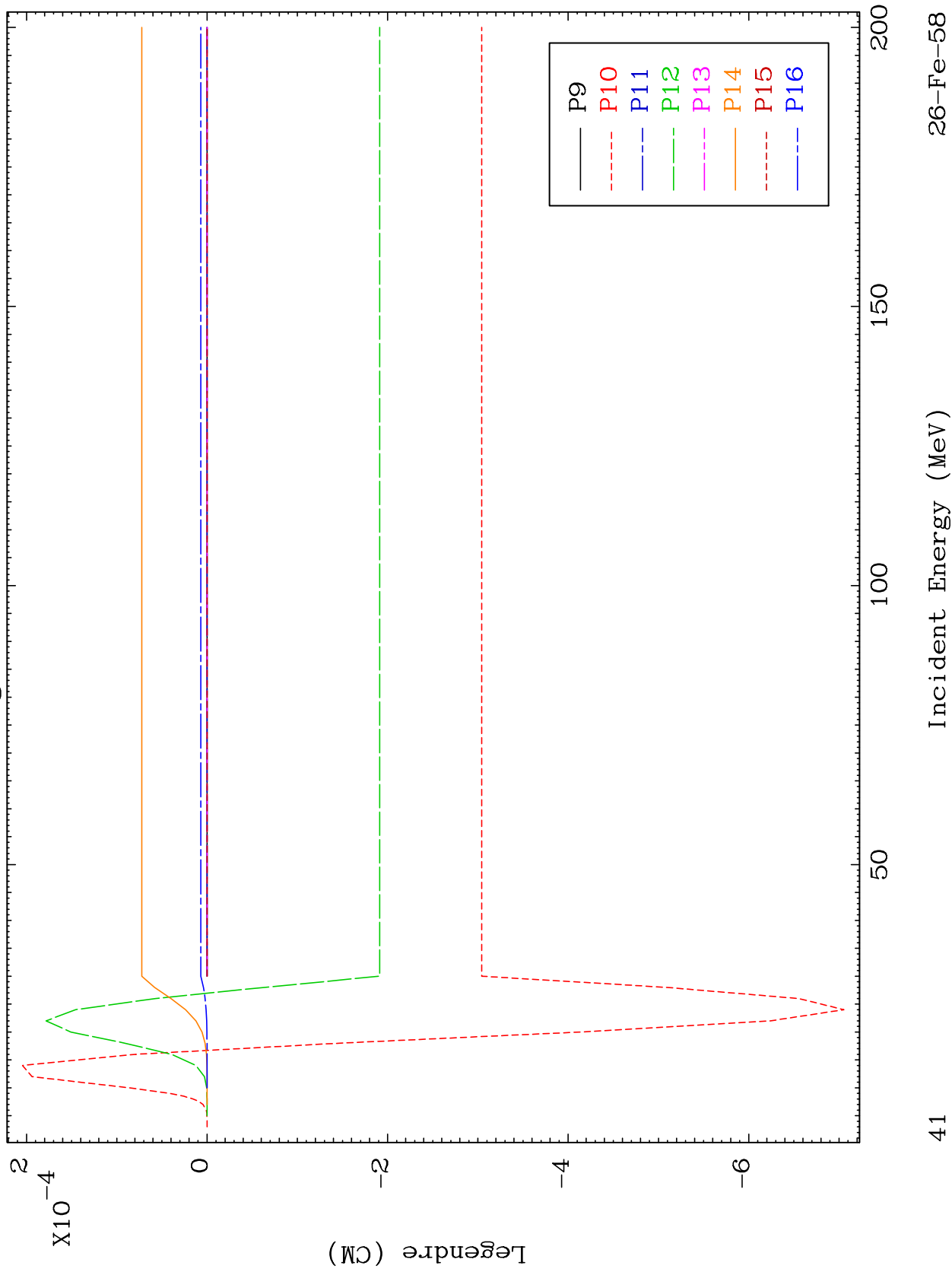
26-Fe-58



MAT 2637

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

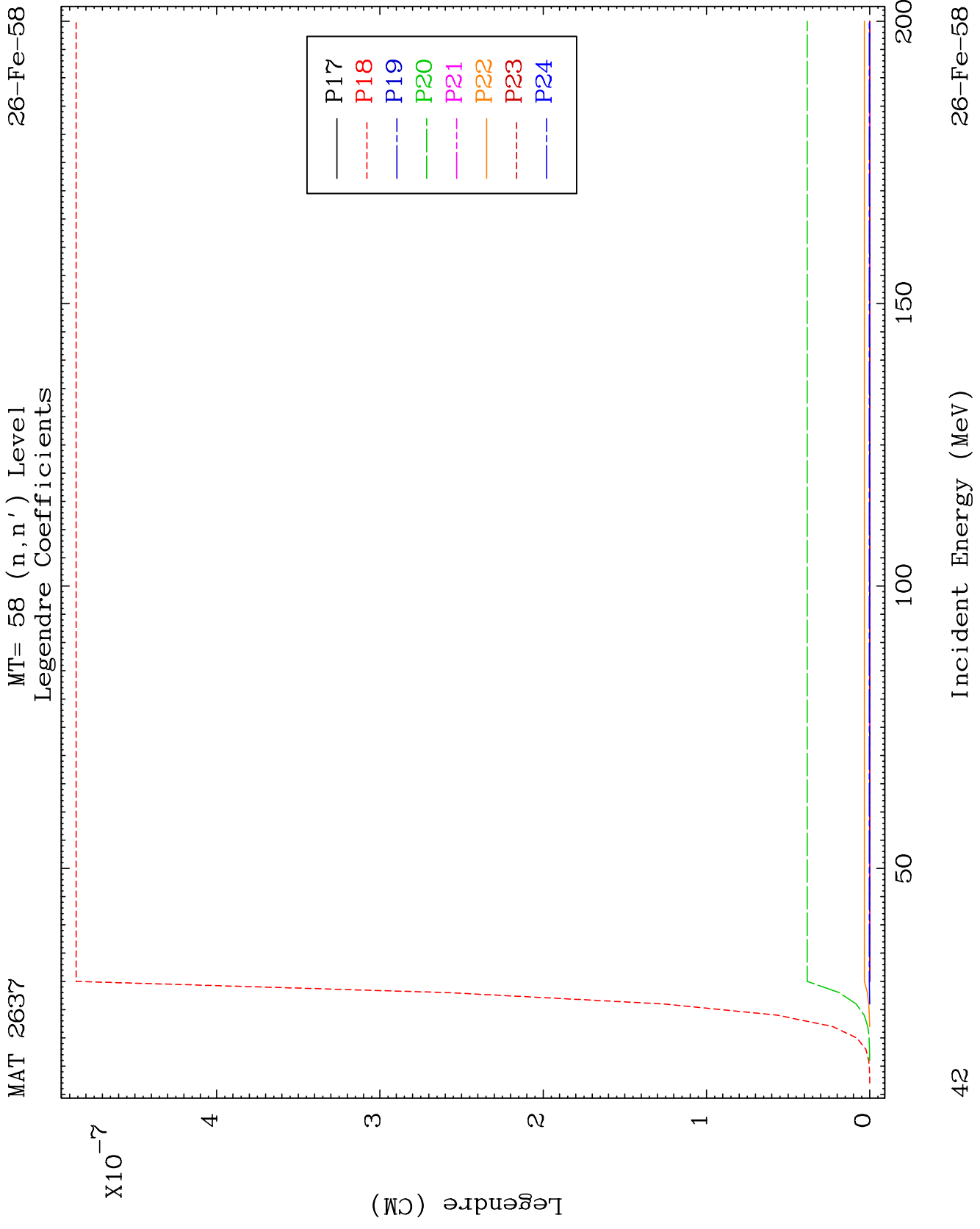
26-Fe-58



41

Incident Energy (MeV)

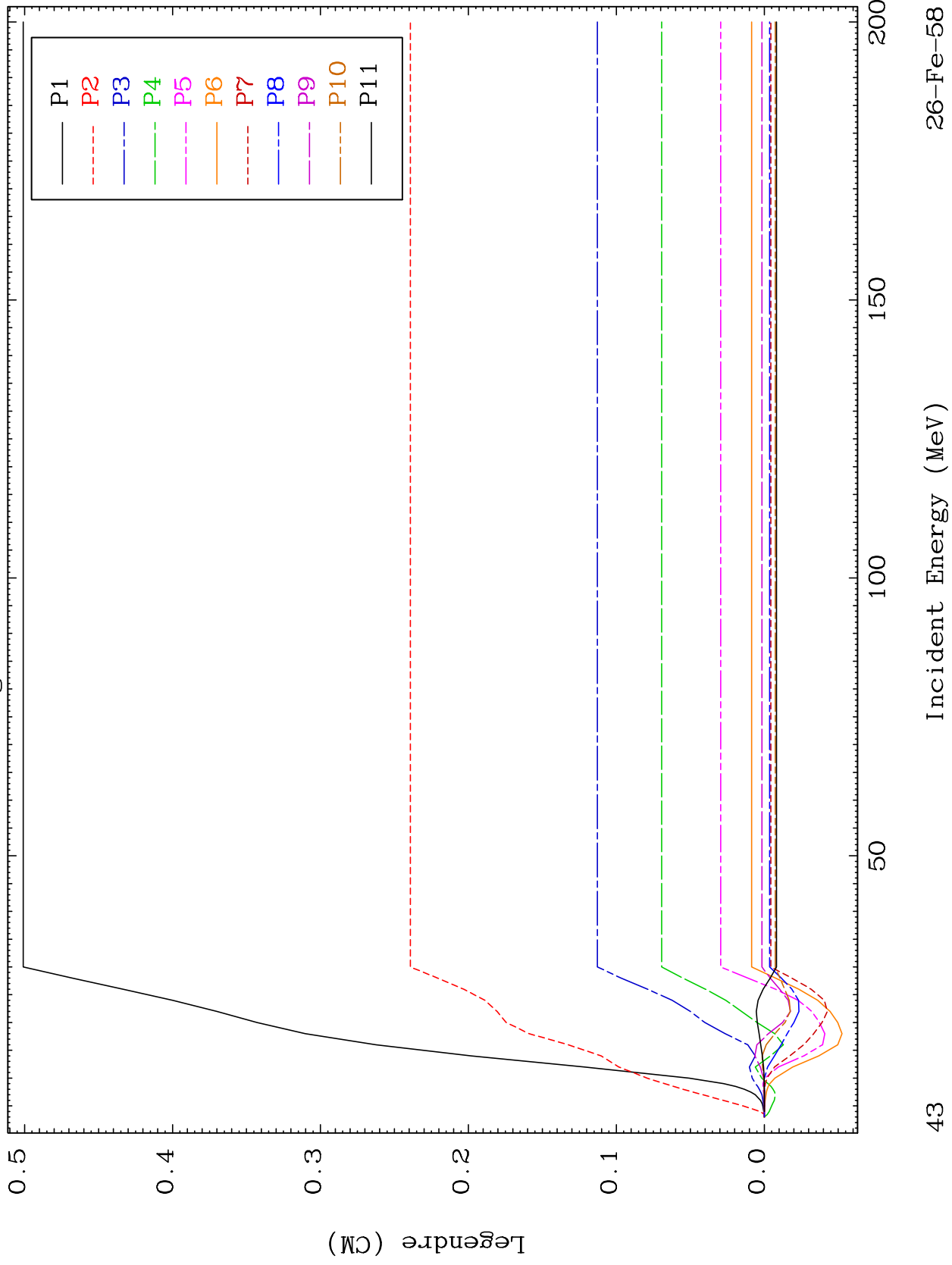
26-Fe-58



MAT 2637

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

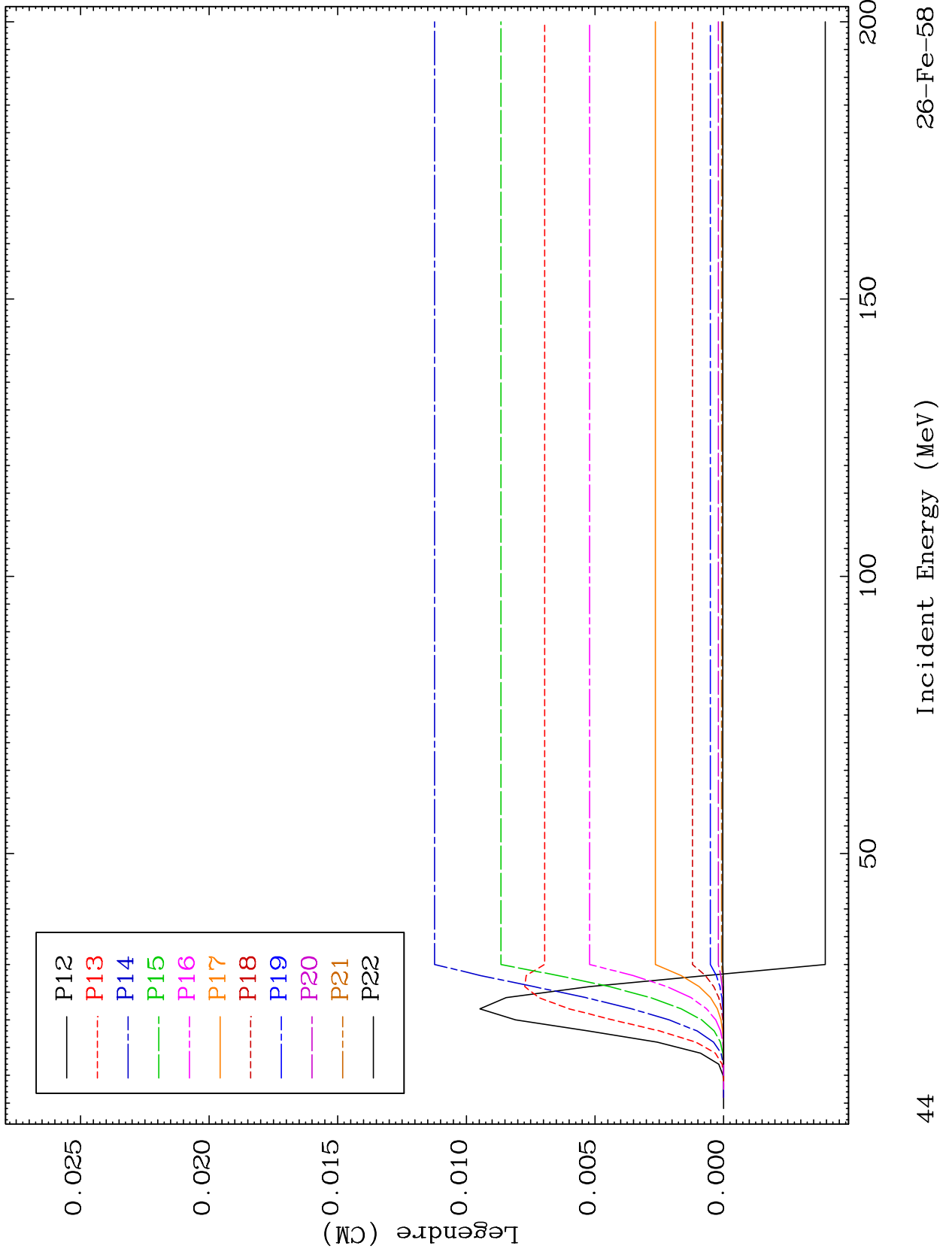
26-Fe-58



43

Incident Energy (MeV)

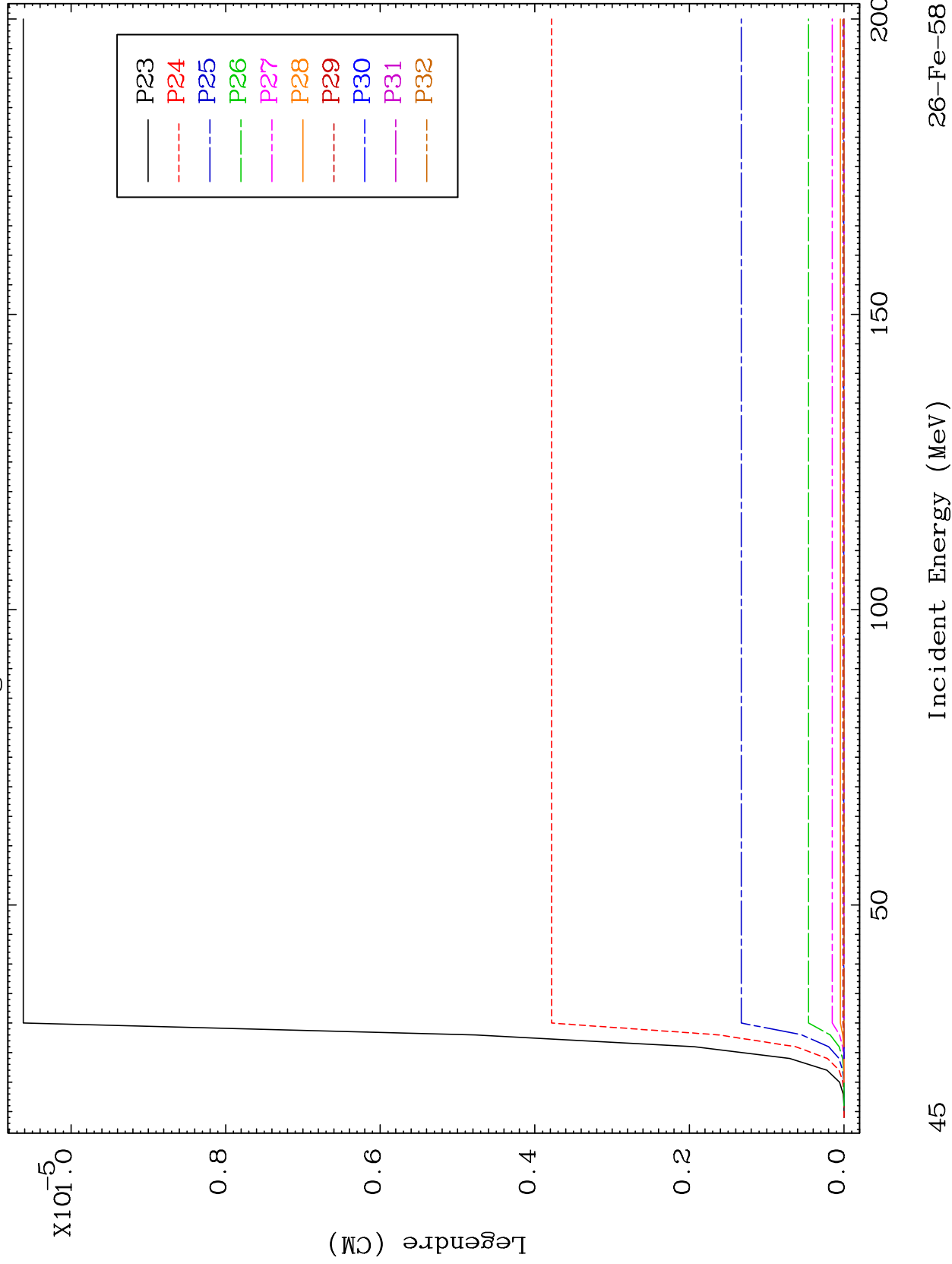
26-Fe-58



MAT 2637

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

26-Fe-58

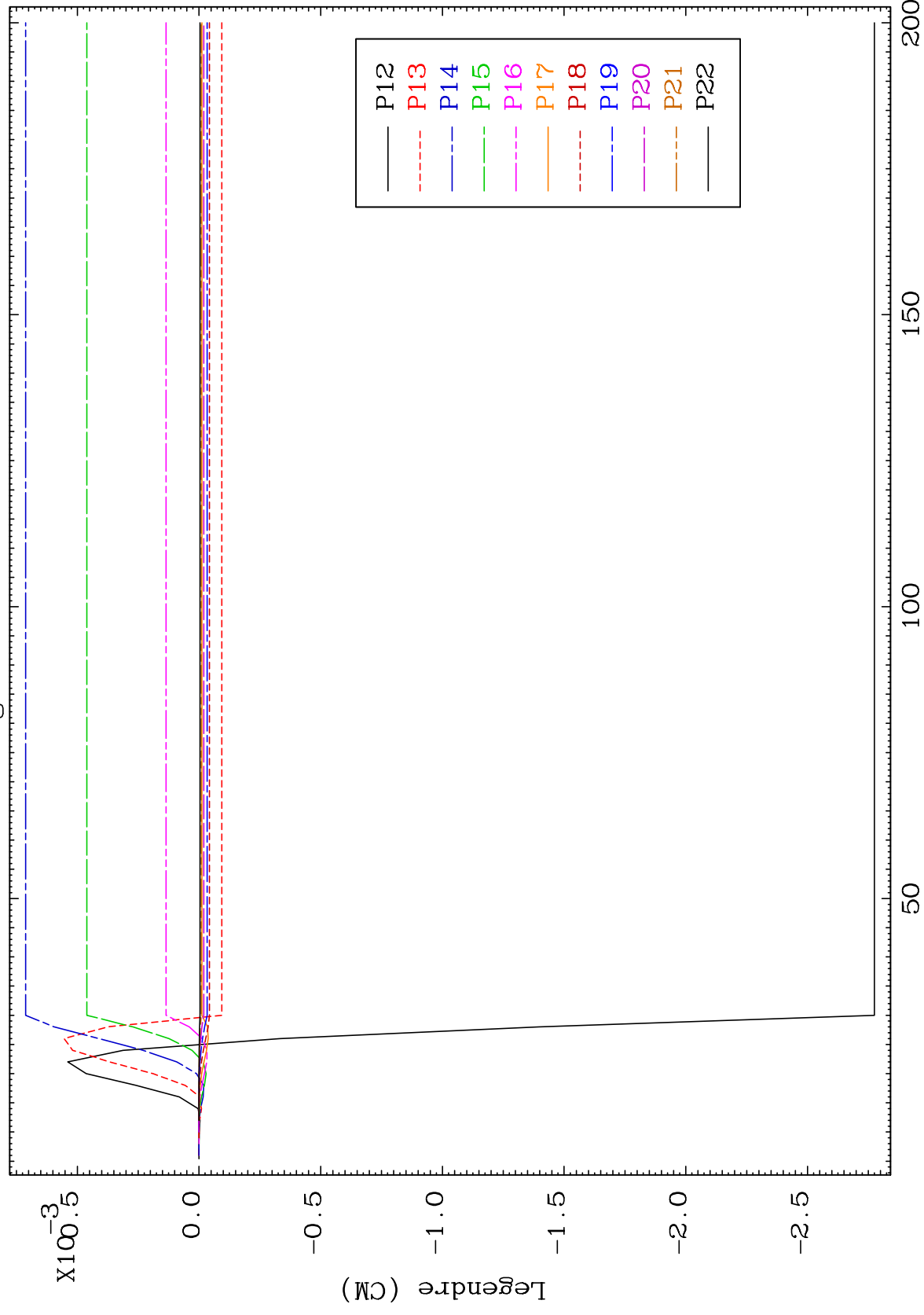


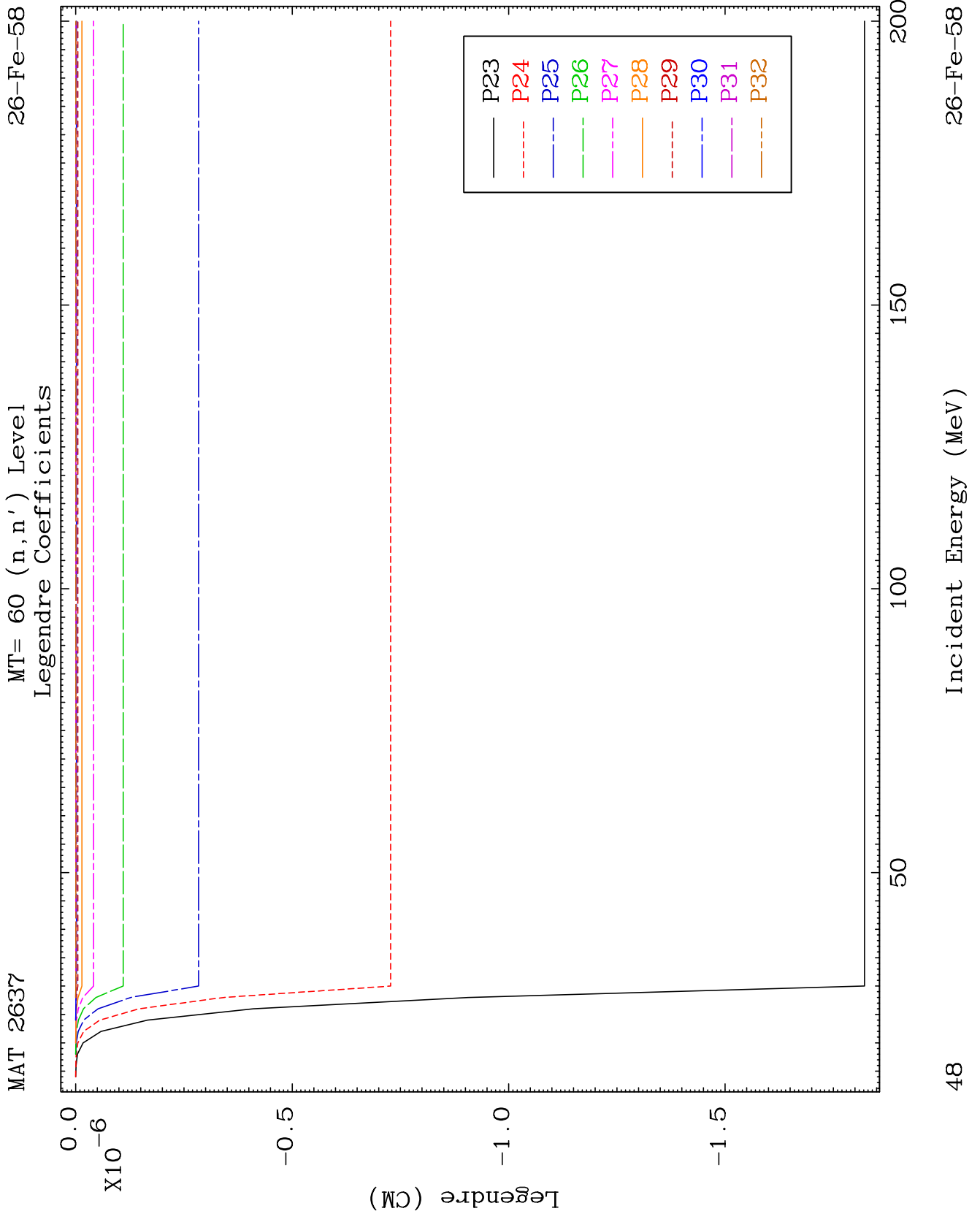


MAT 2637

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

26-Fe-58

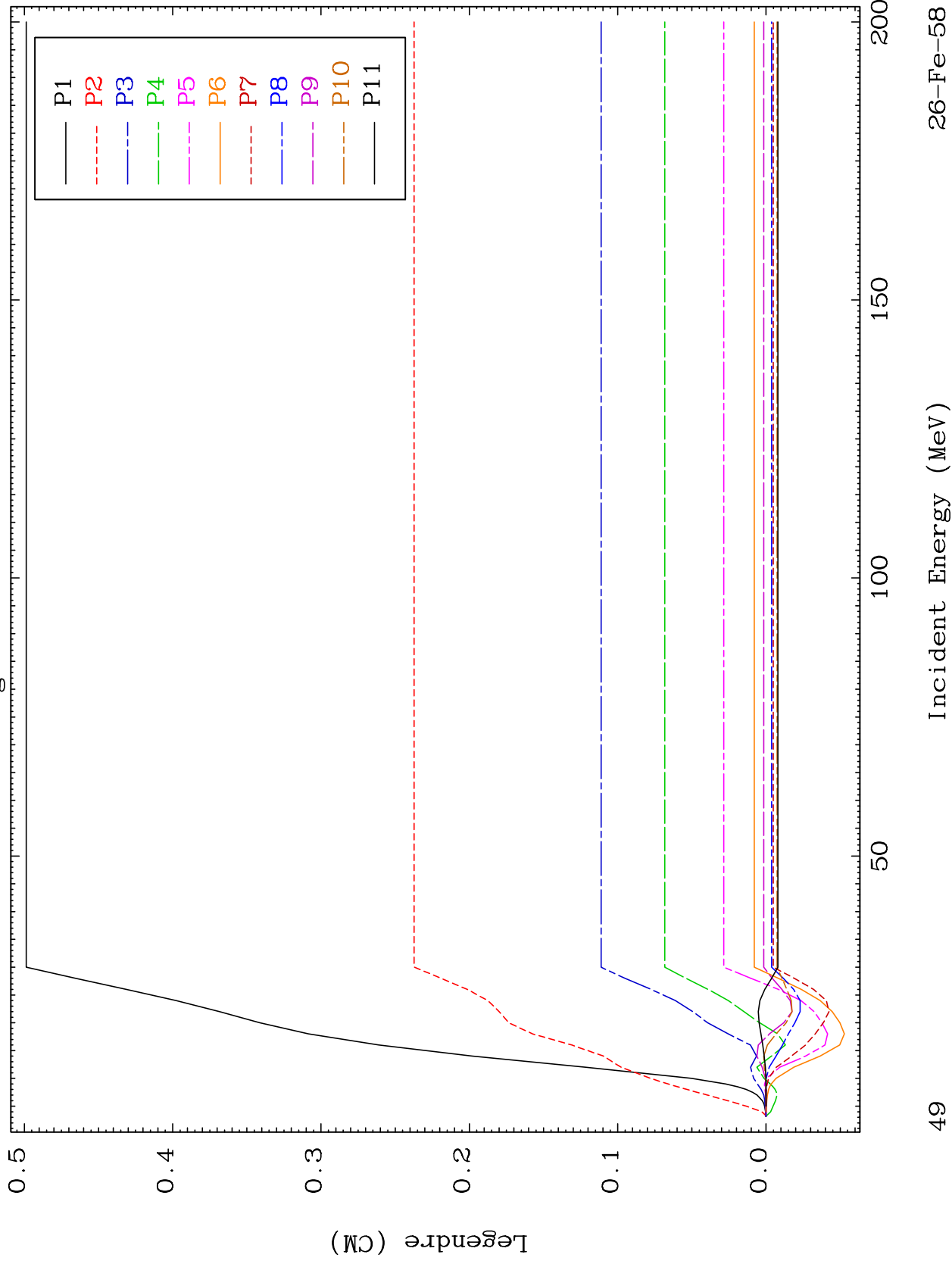




MAT 2637

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

26-Fe-58



49

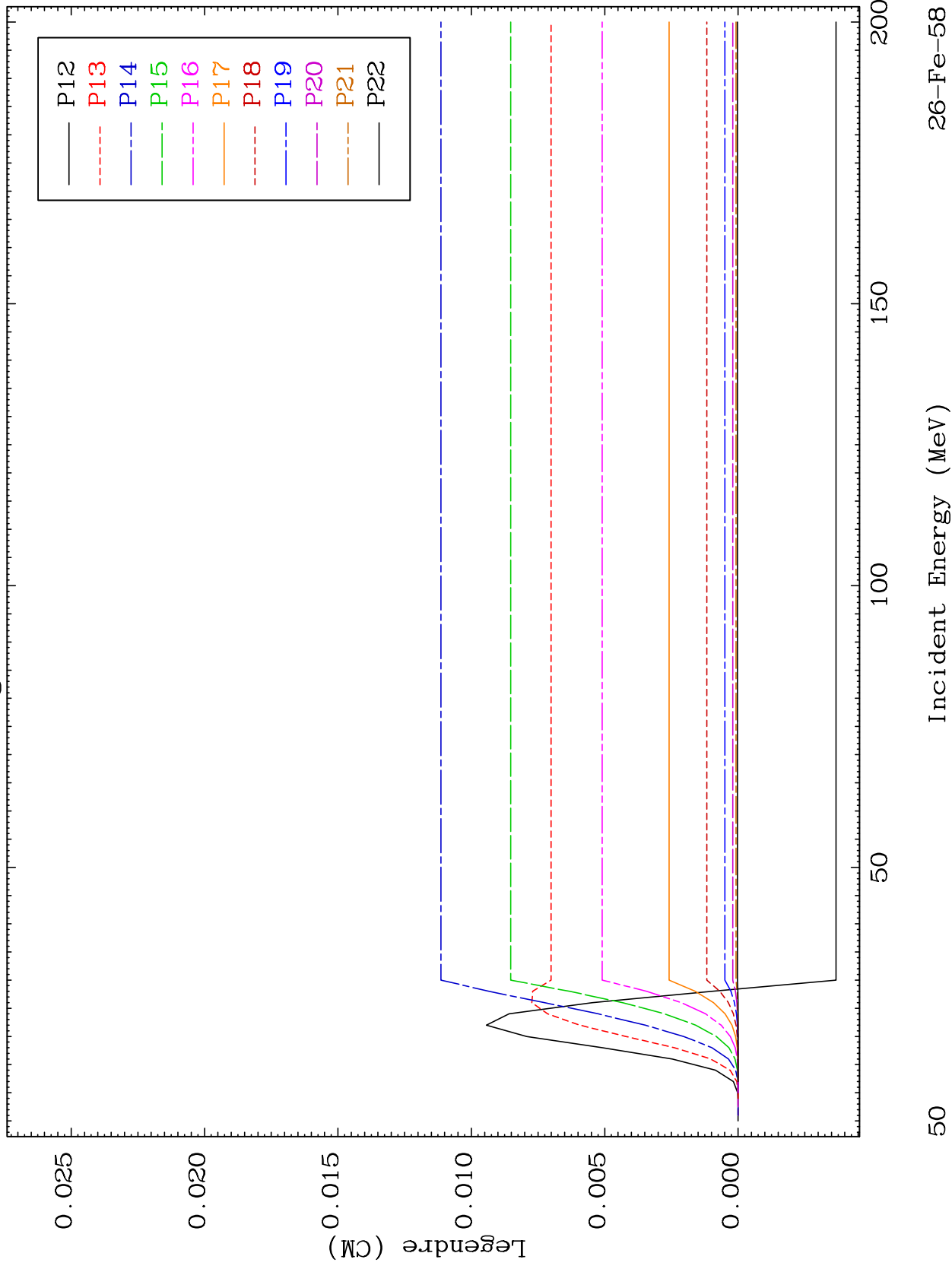
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

26-Fe-58



26-Fe-58

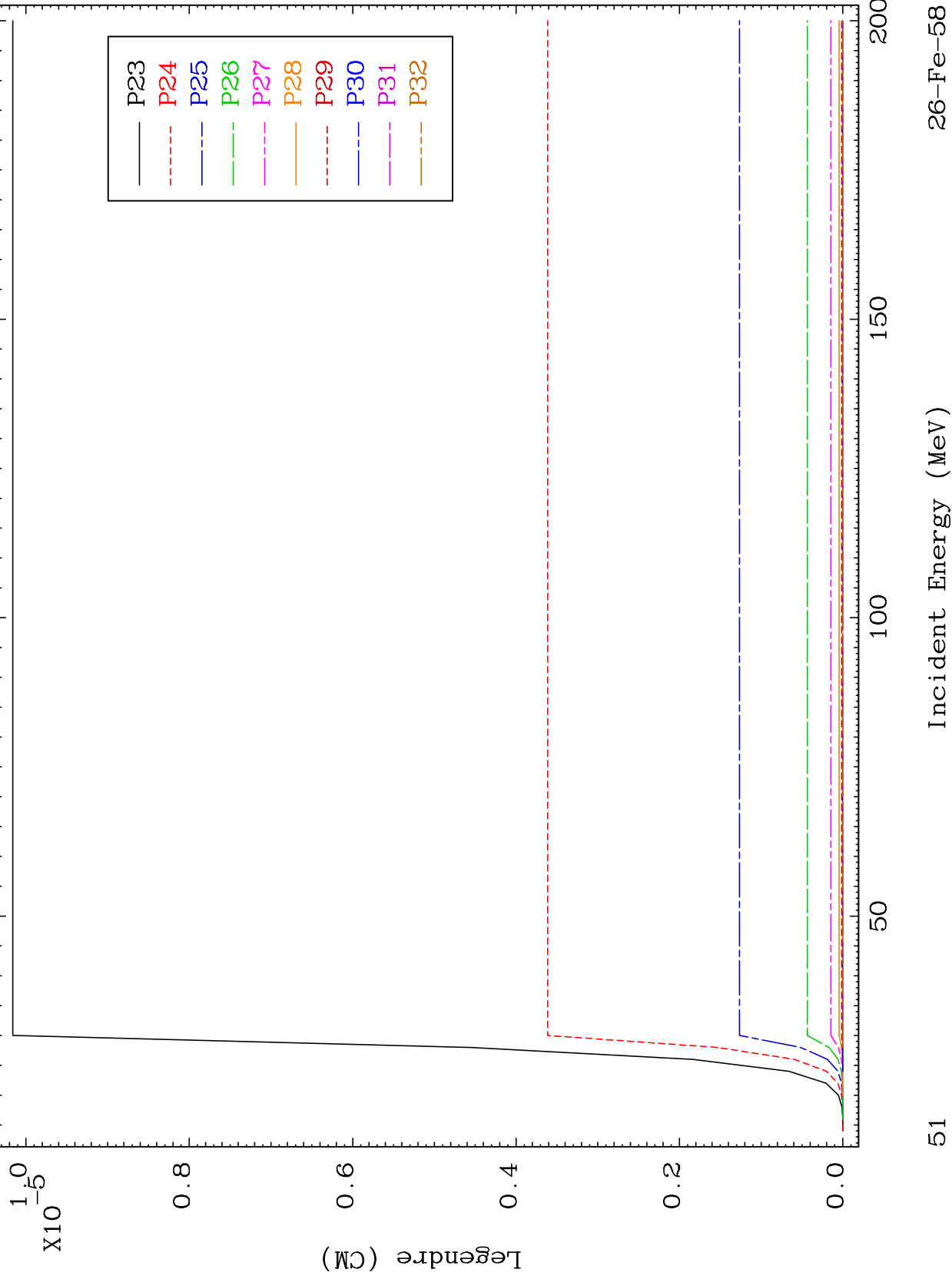
Incident Energy (MeV)

50

MAT 2637

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

26-Fe-58



51

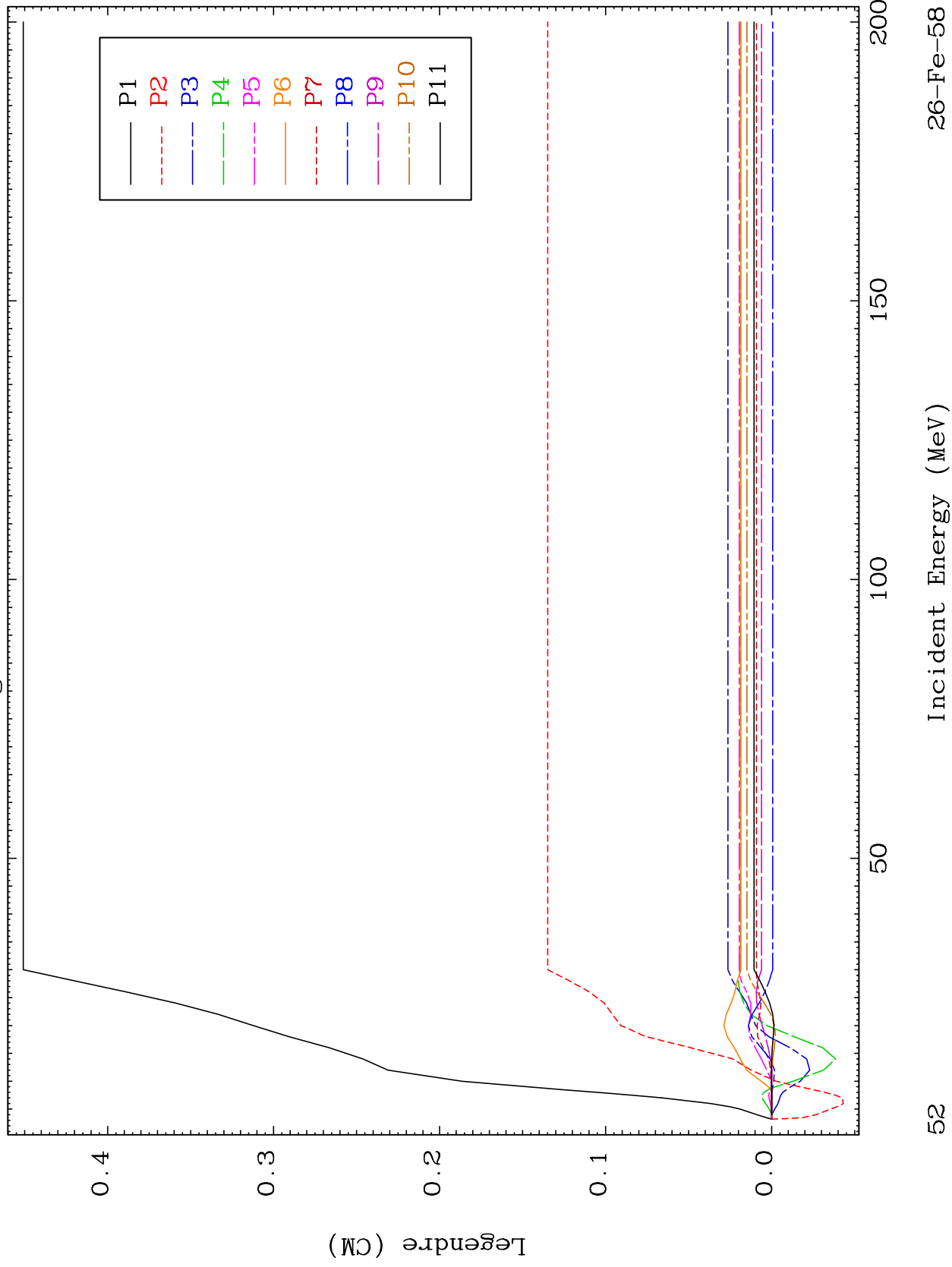
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

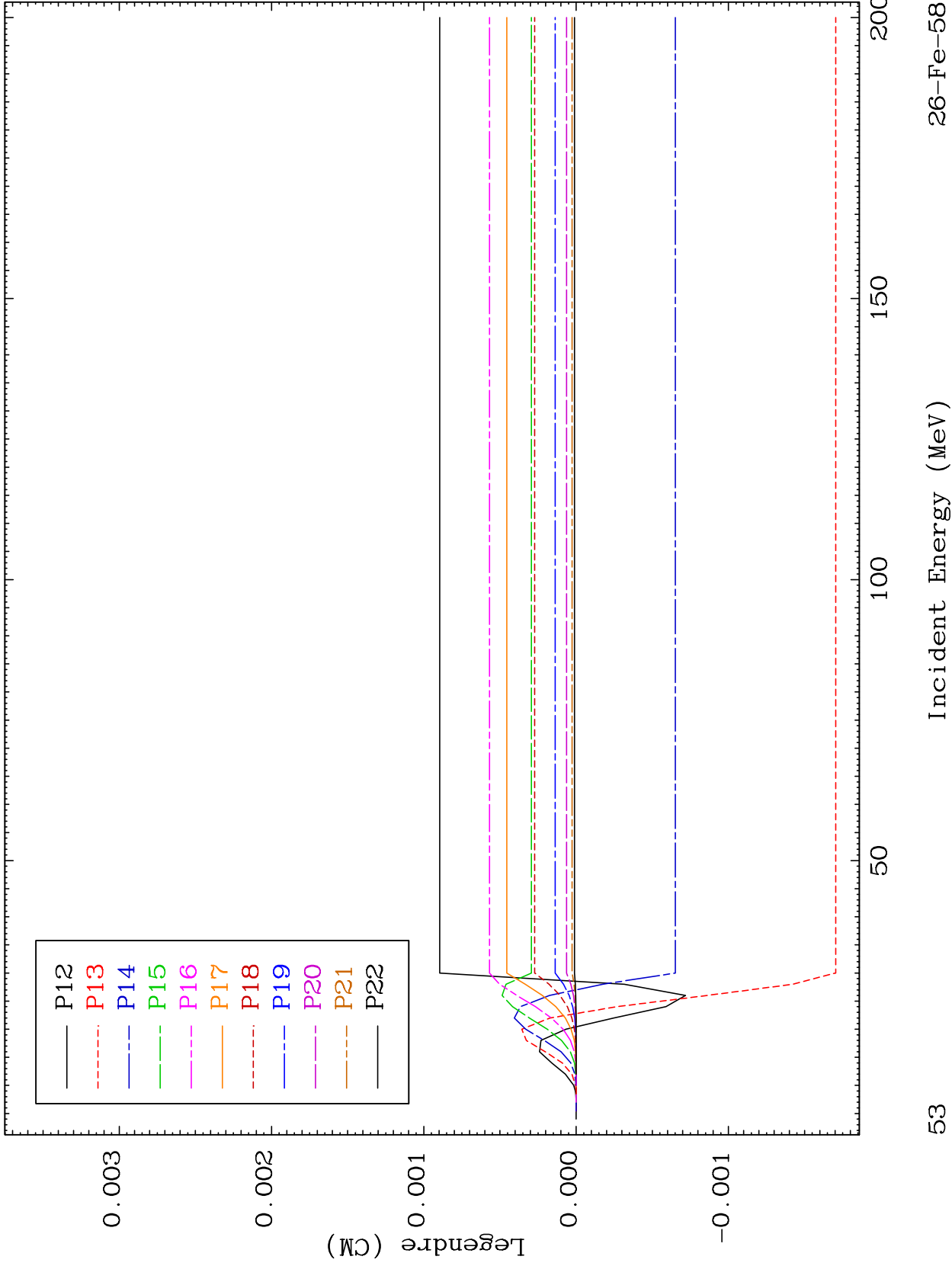
26-Fe-58



52

Incident Energy (MeV)

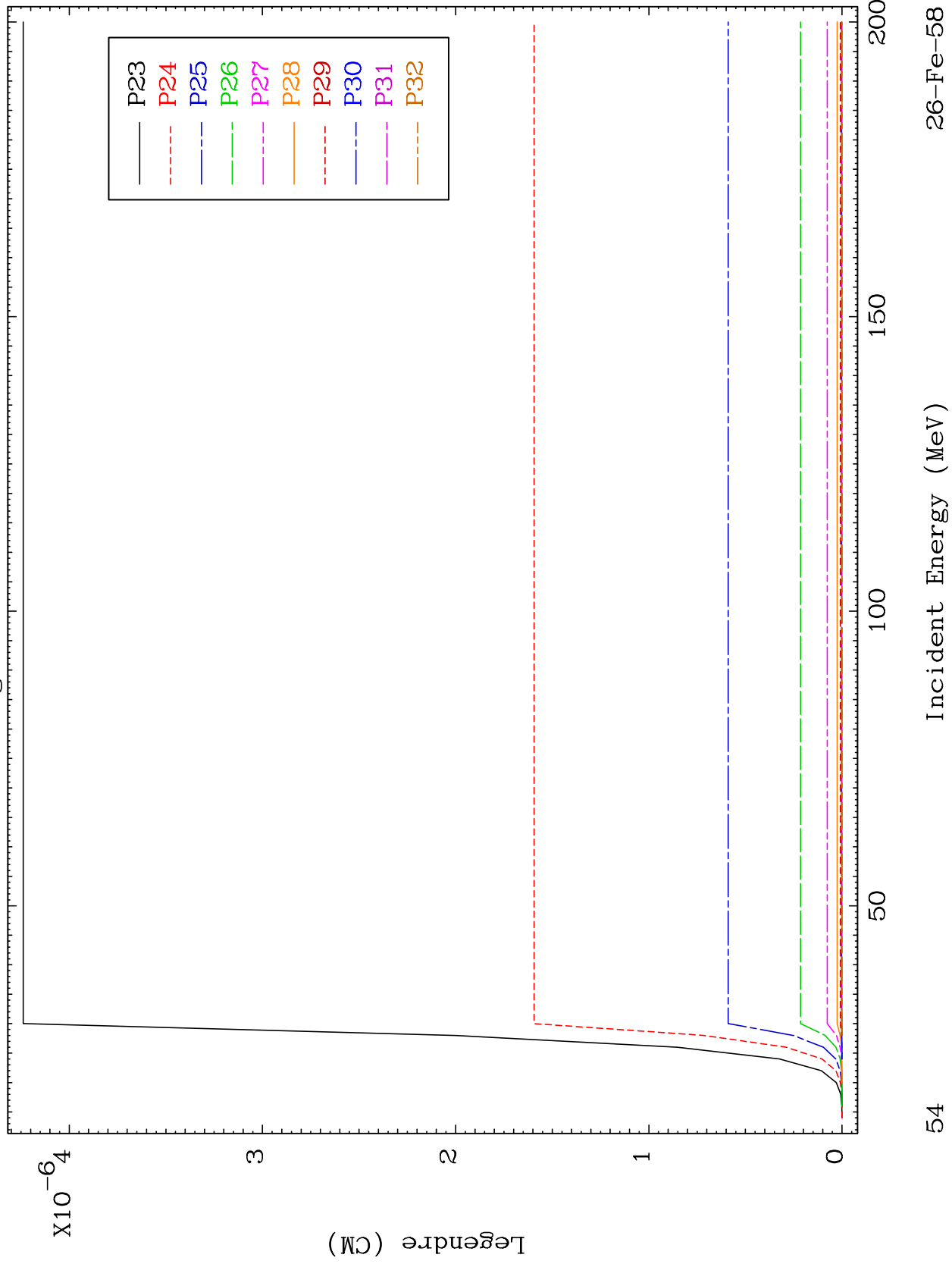
26-Fe-58

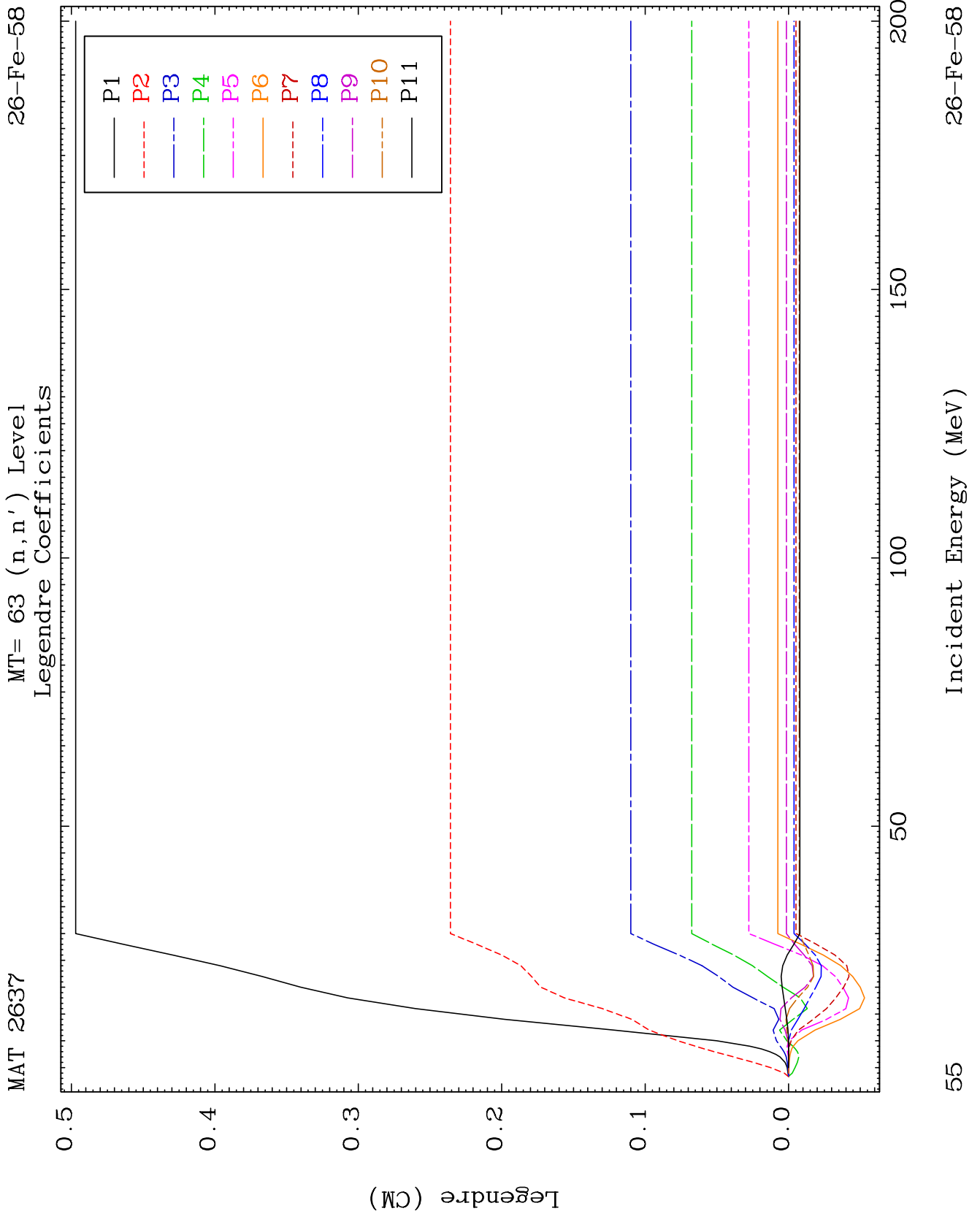


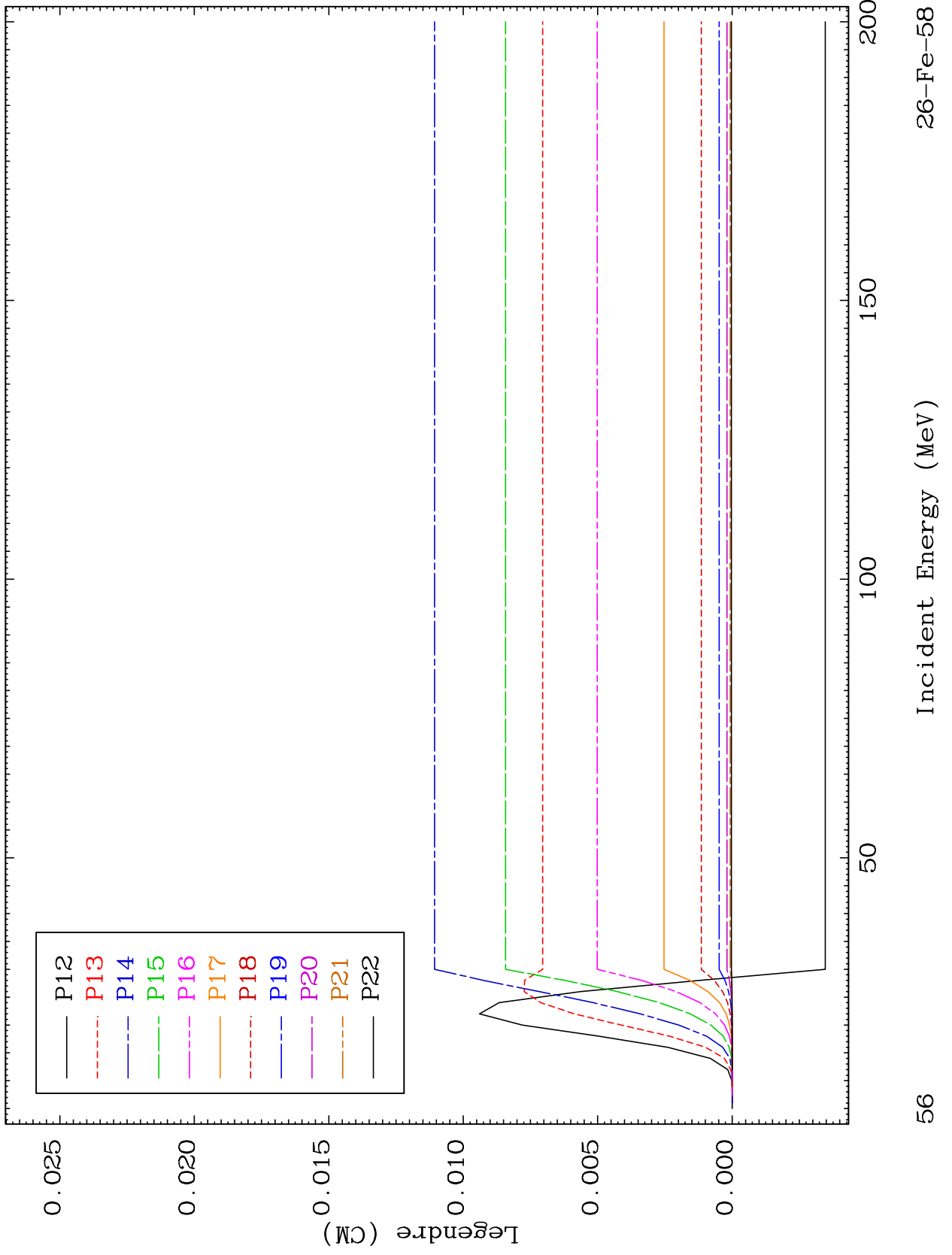
MAT 2637

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

26-Fe-58



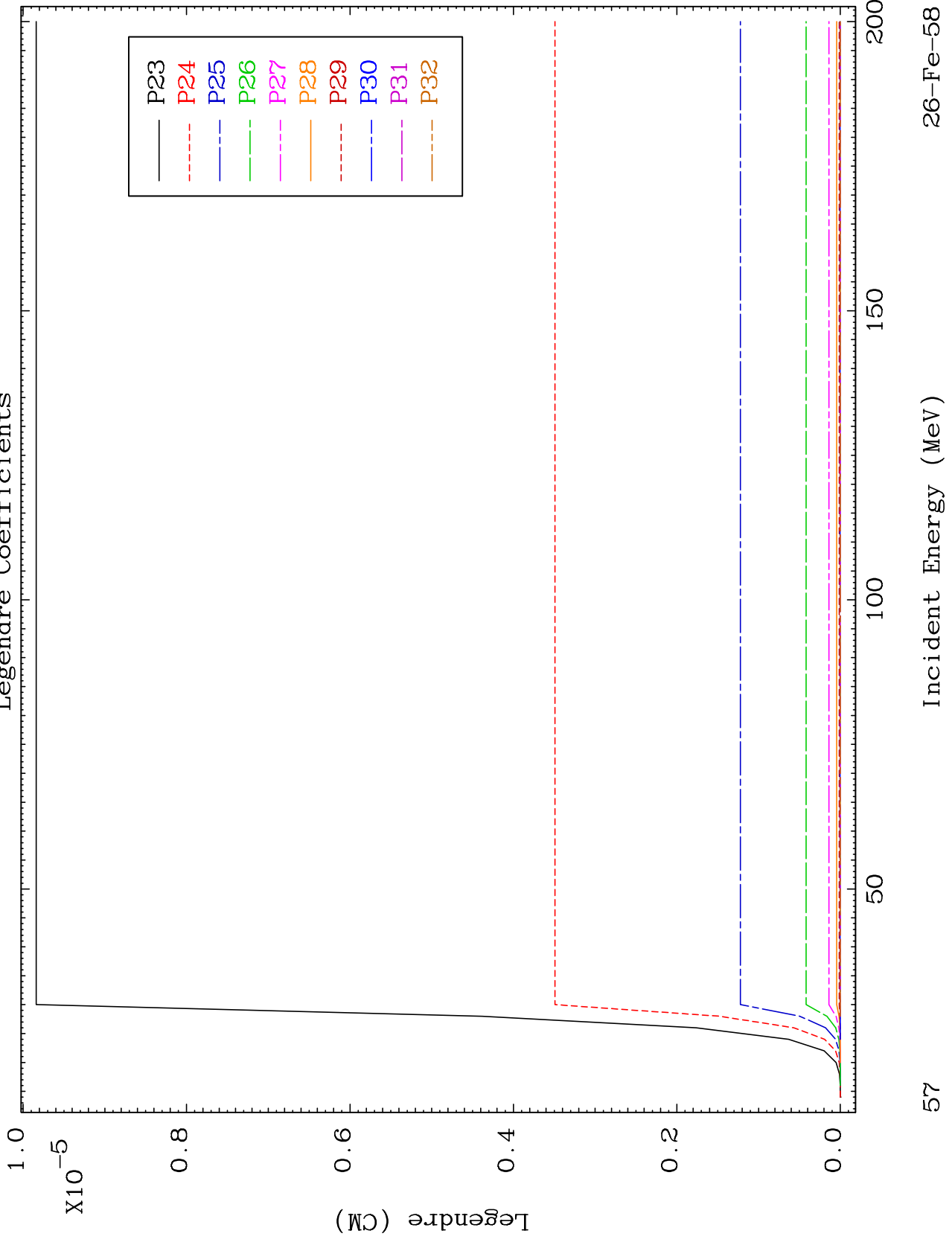




MAT 2637

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

26-Fe-58



26-Fe-58

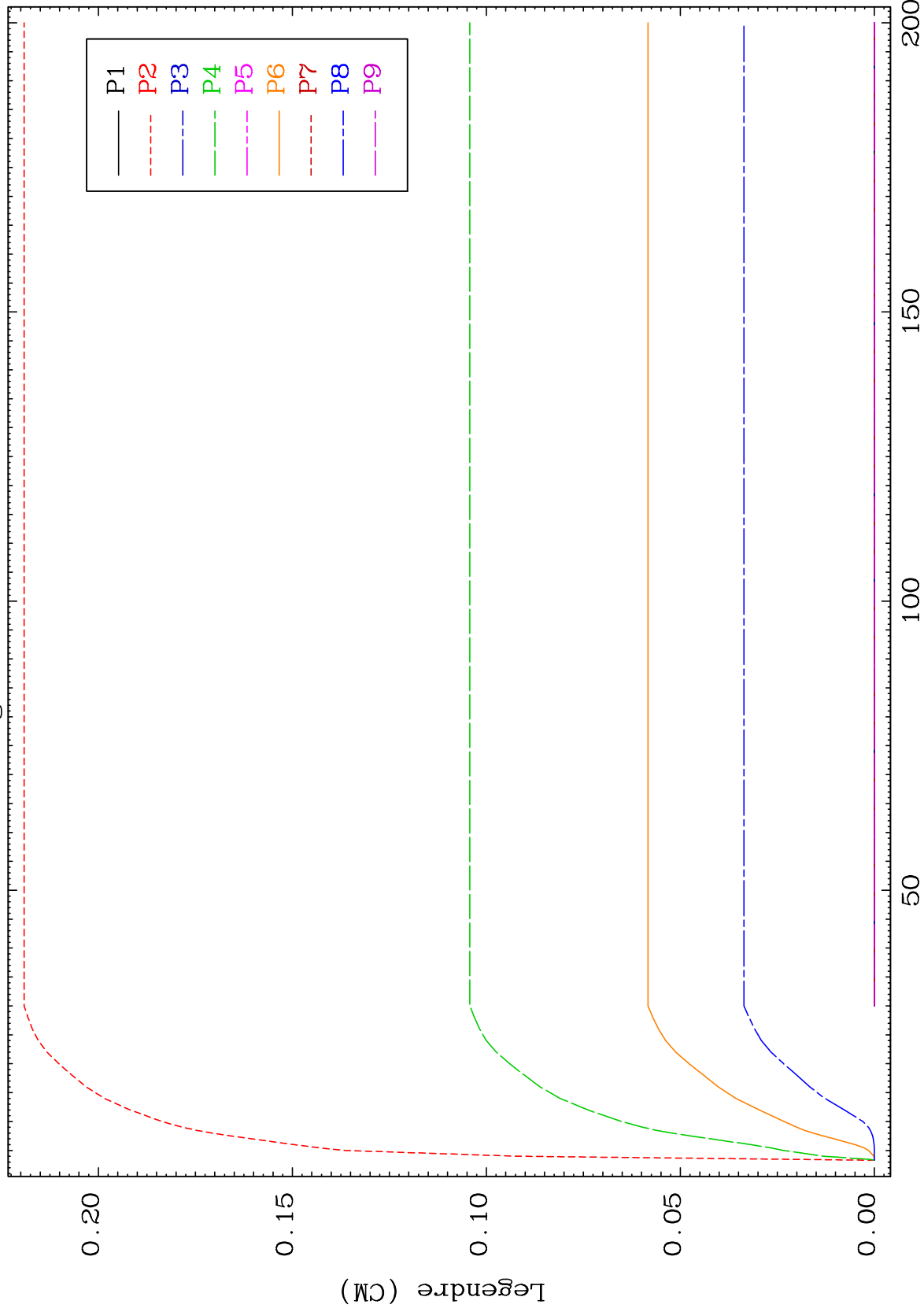
Incident Energy (MeV)

57

MAT 2637

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

26-Fe-58



58

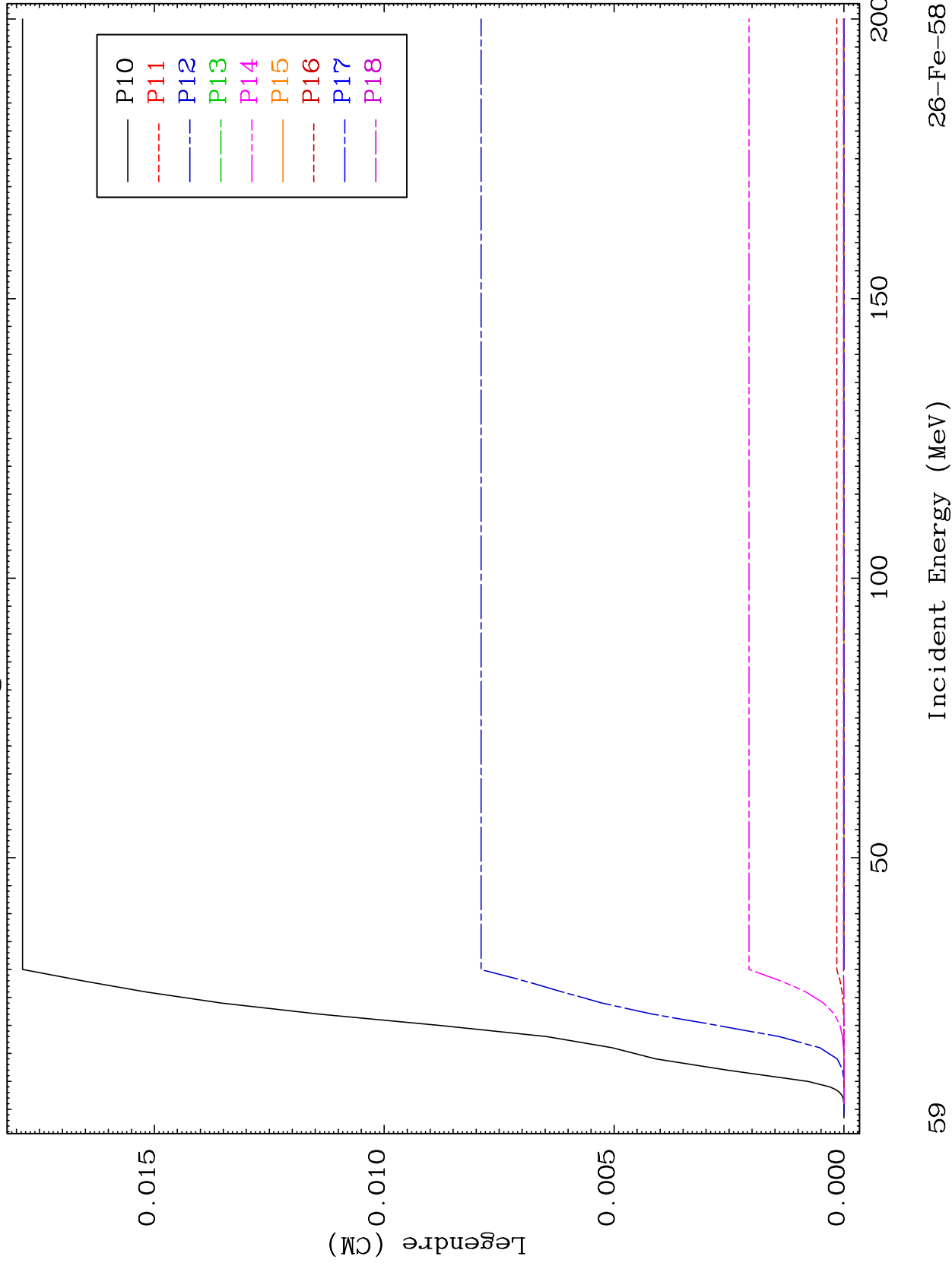
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

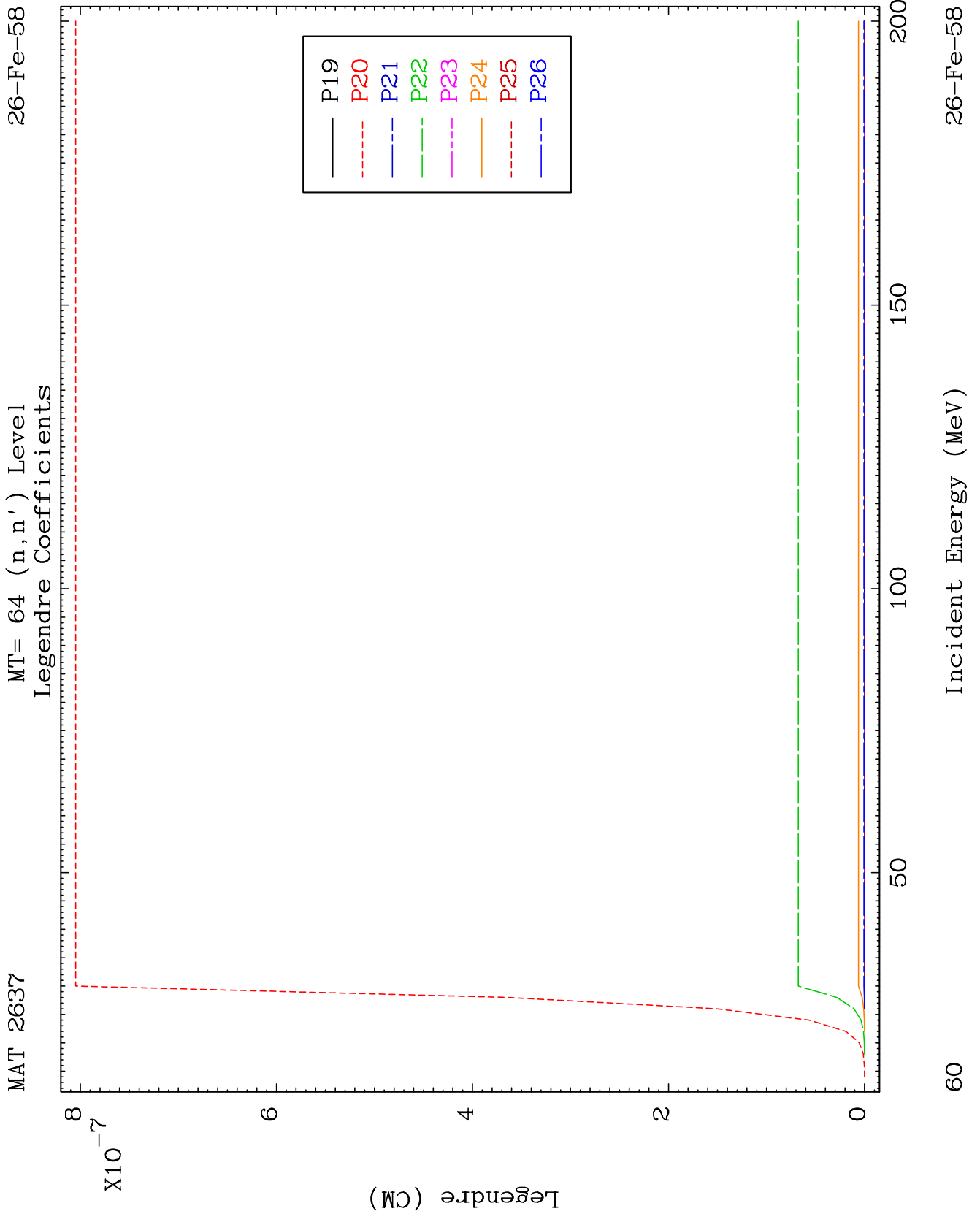
26-Fe-58

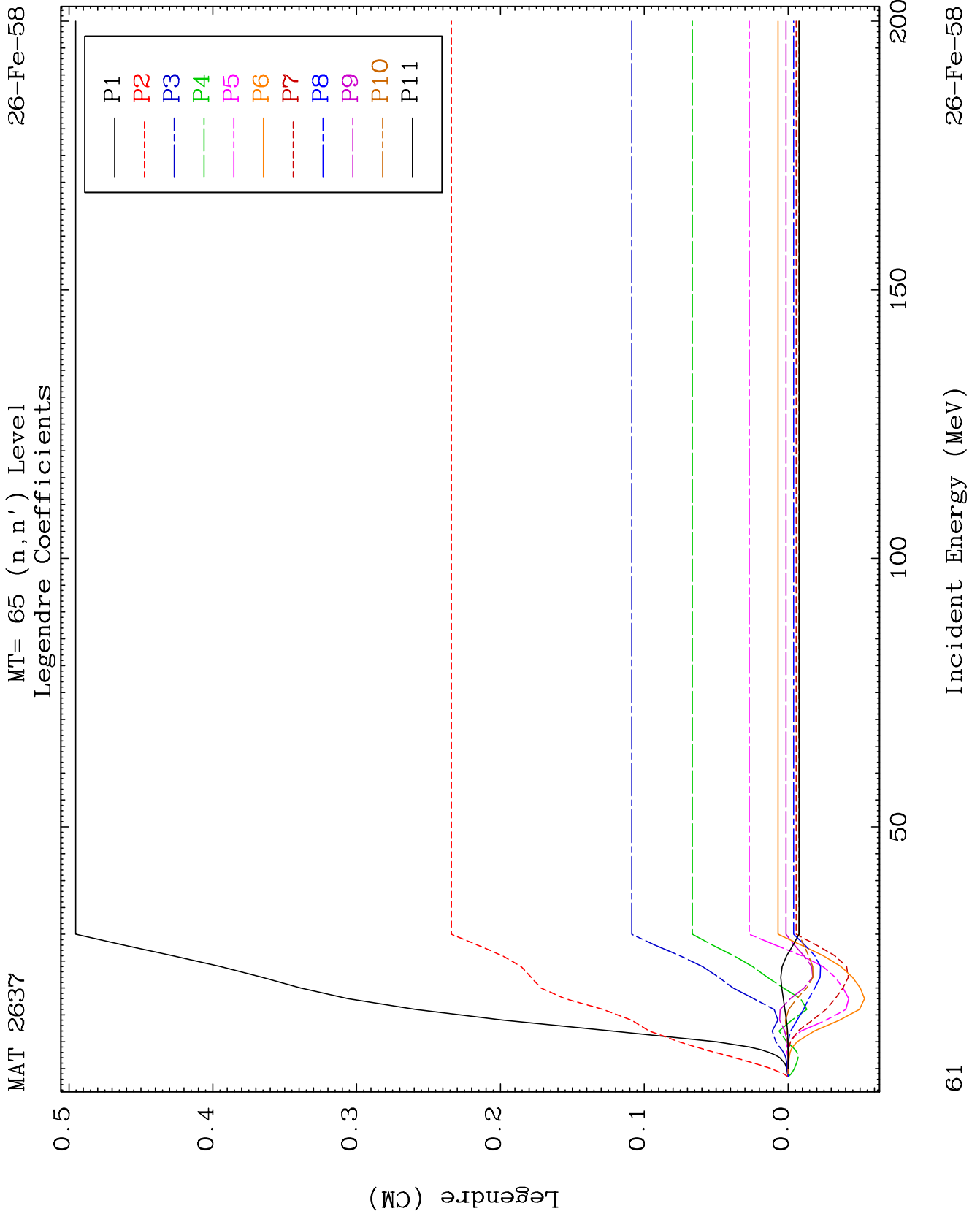


59

Incident Energy (MeV)

26-Fe-58

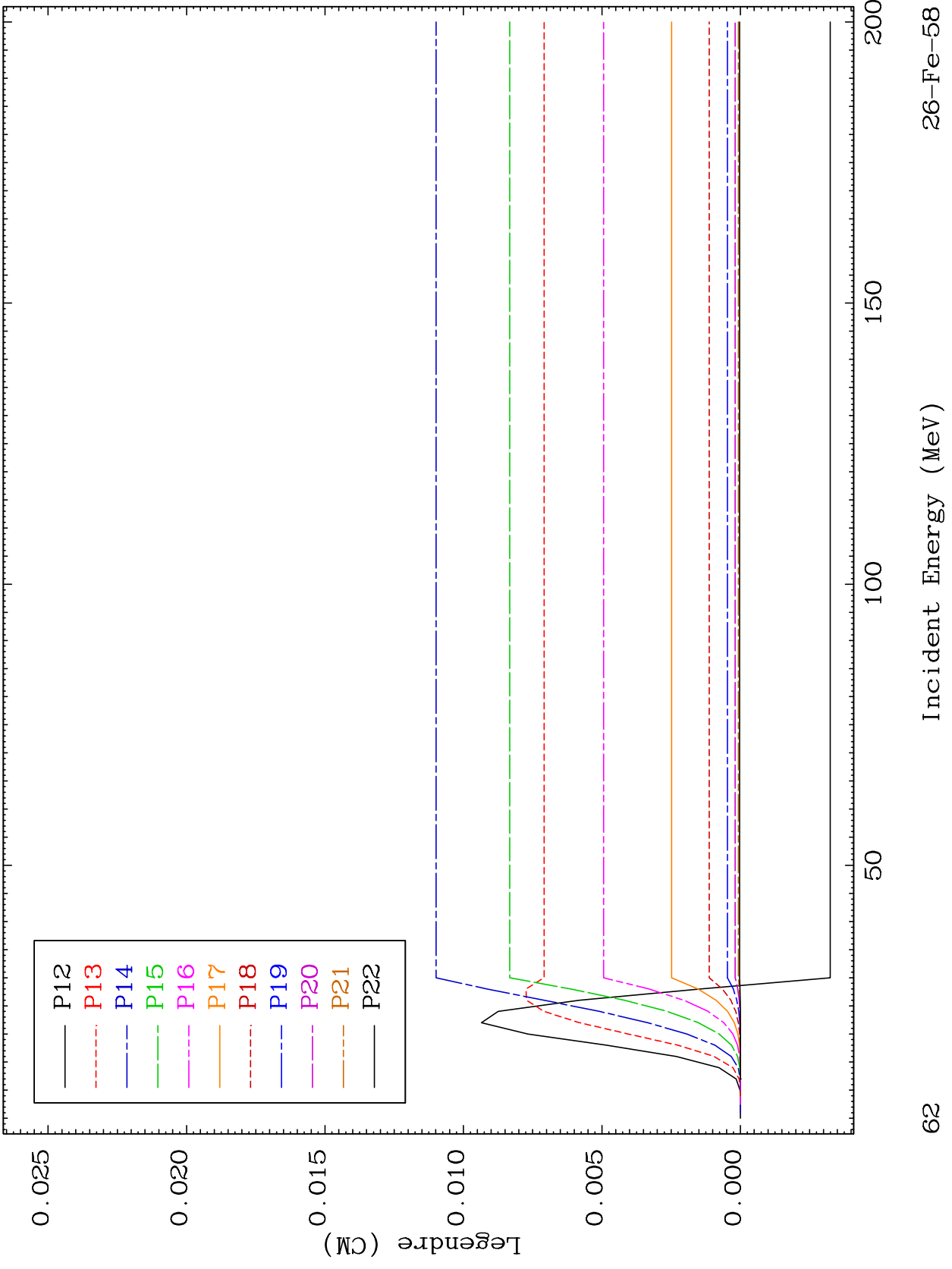




MAT 2637

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

26-Fe-58



62

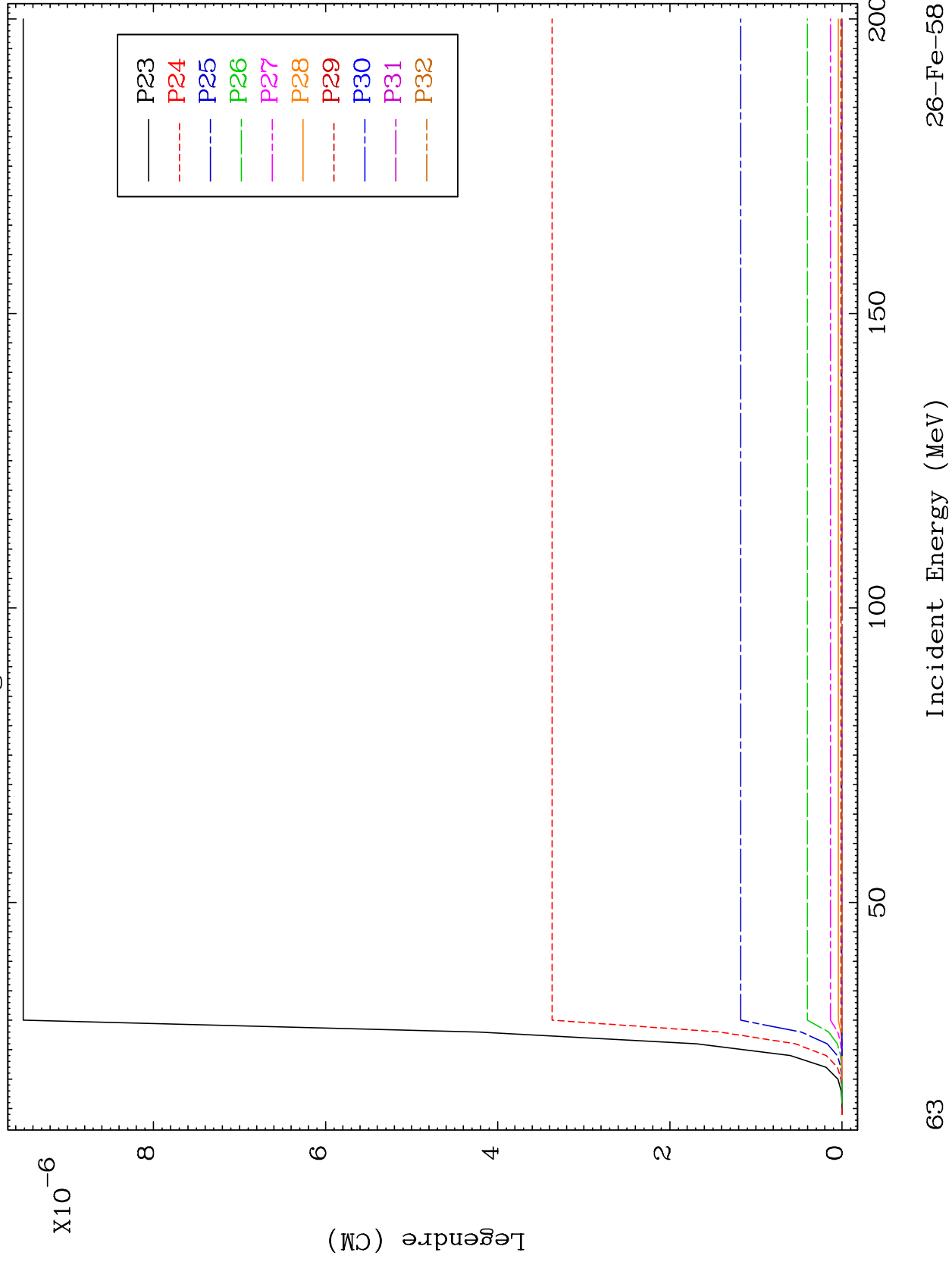
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

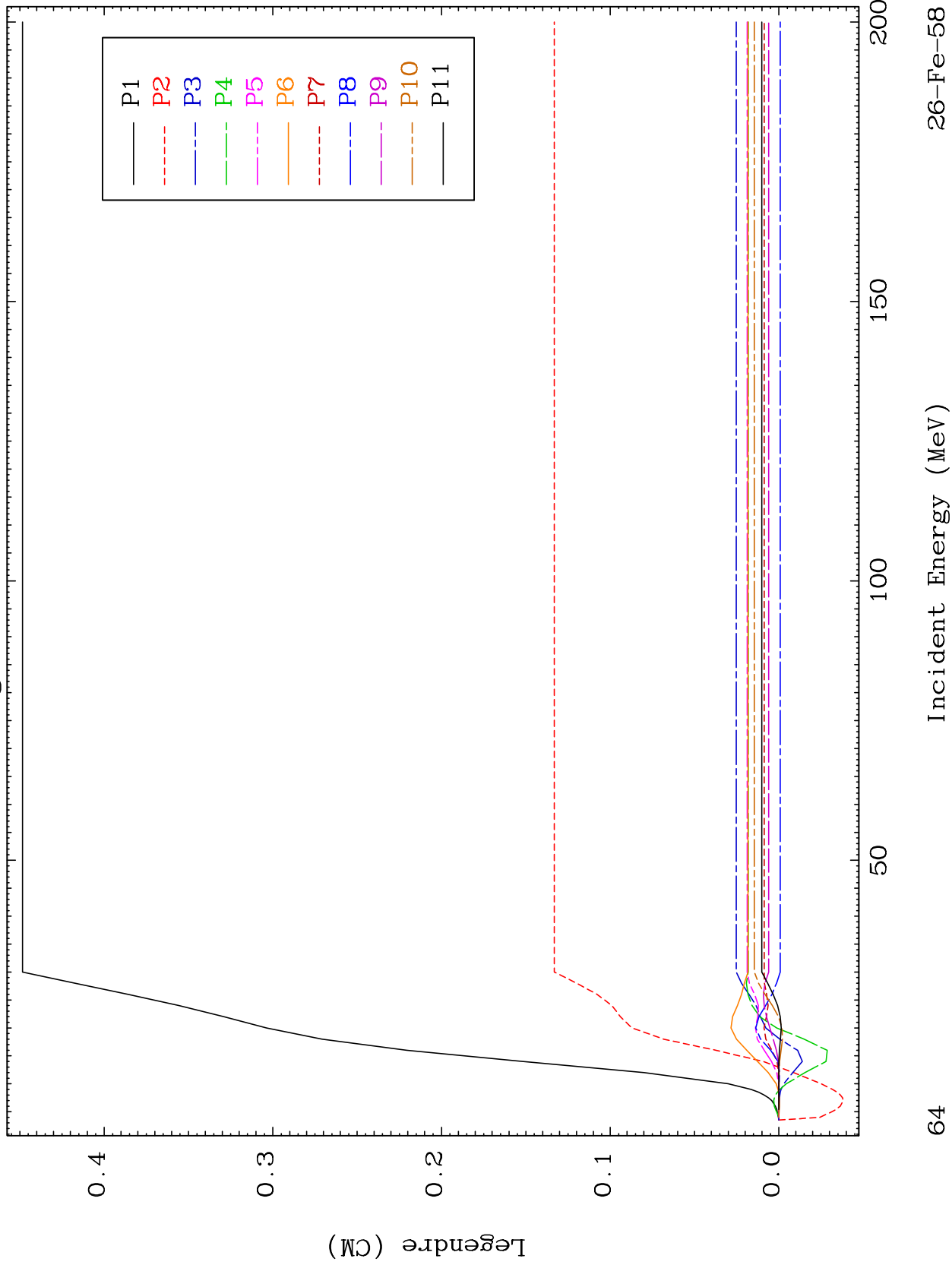
26-Fe-58



MAT 2637

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

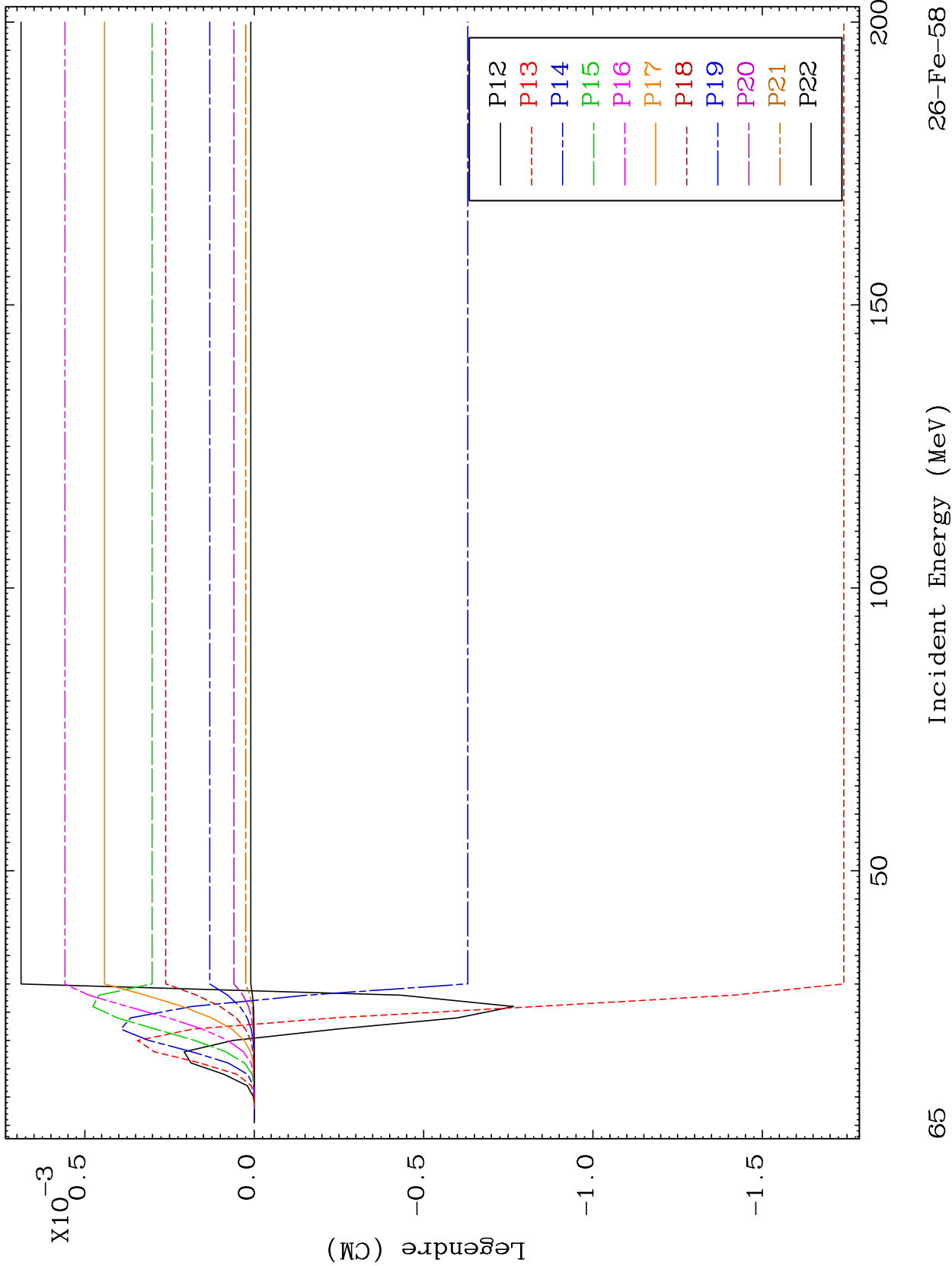
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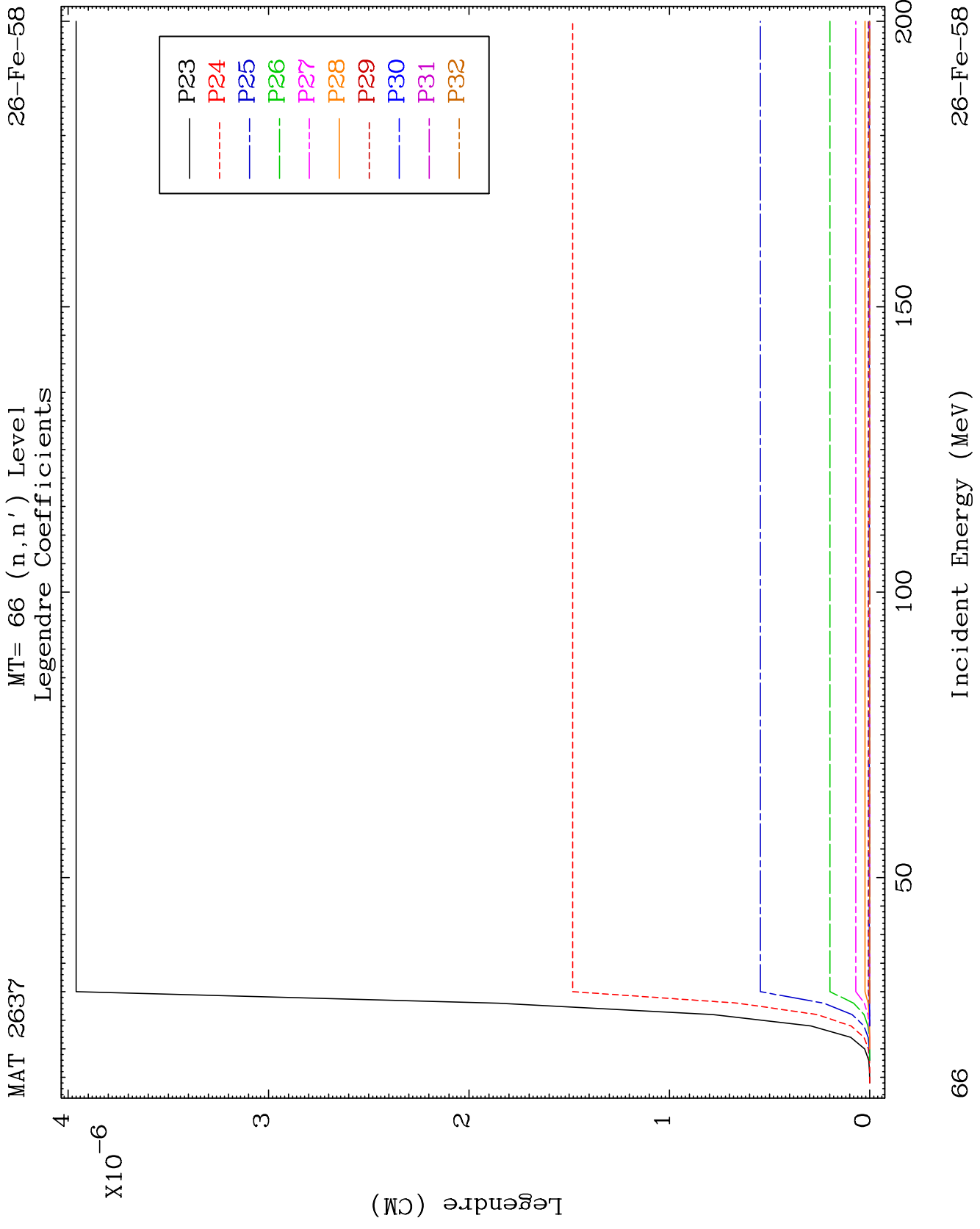


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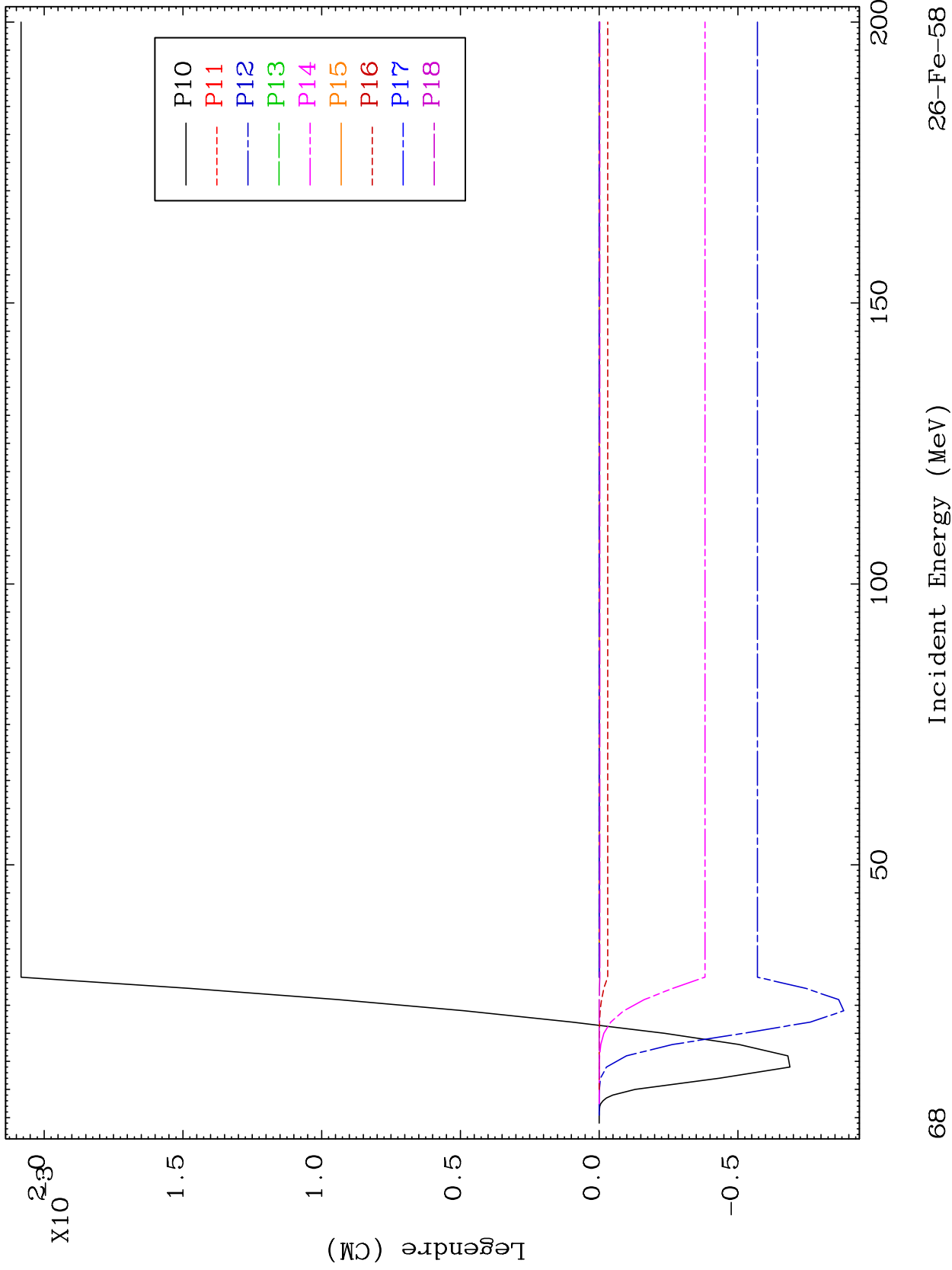
Incident Energy (MeV)

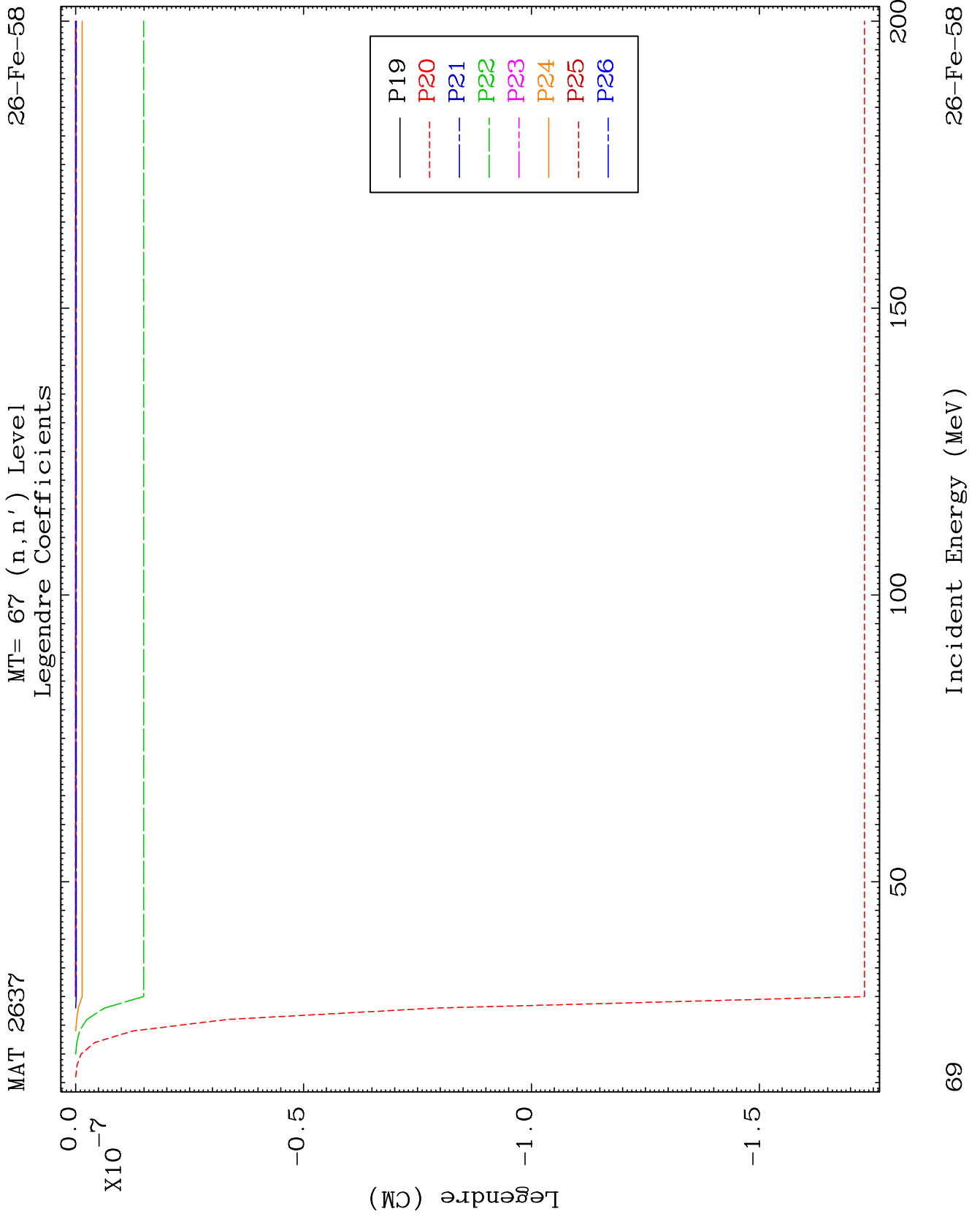
26-Fe-58



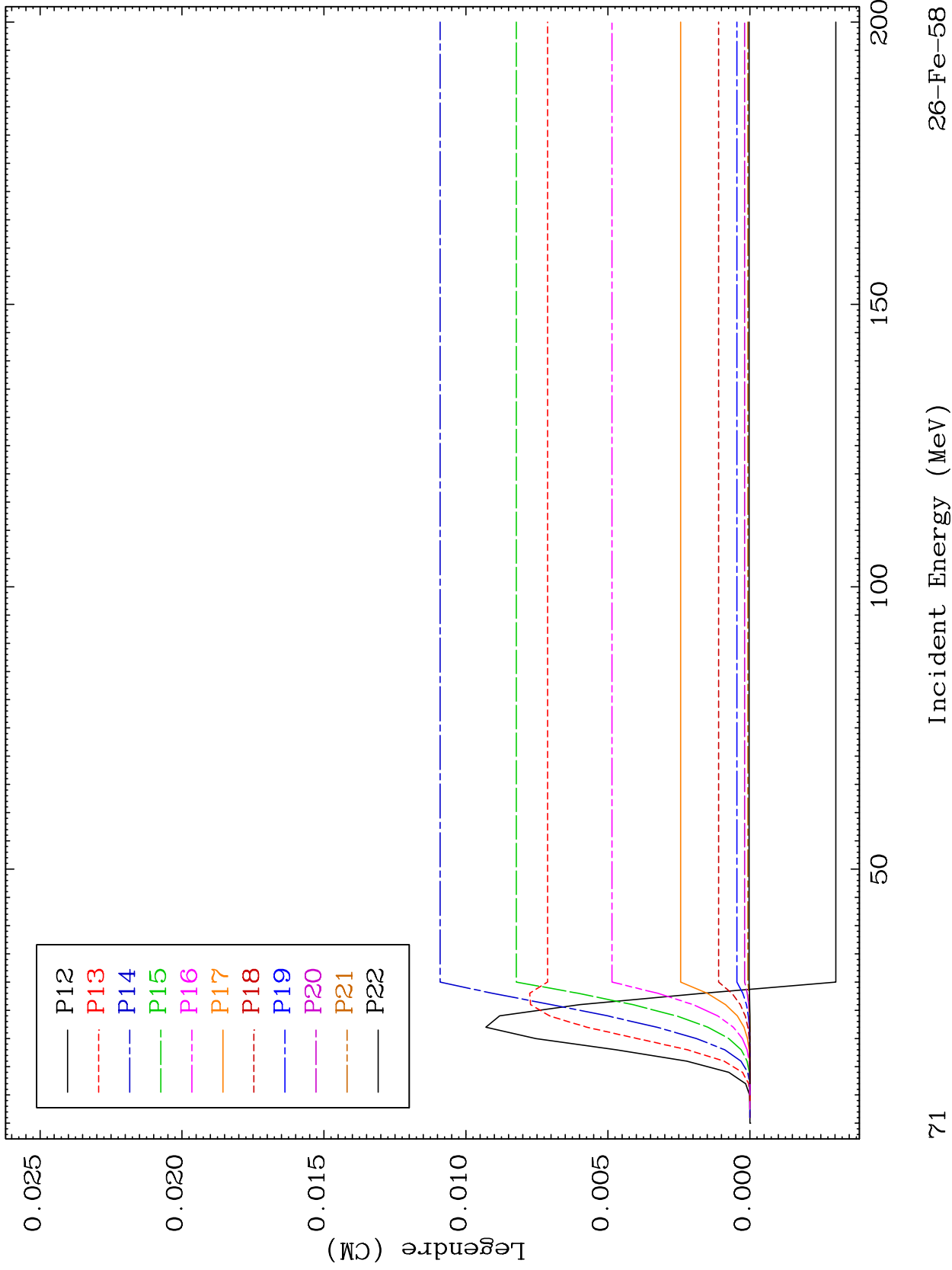








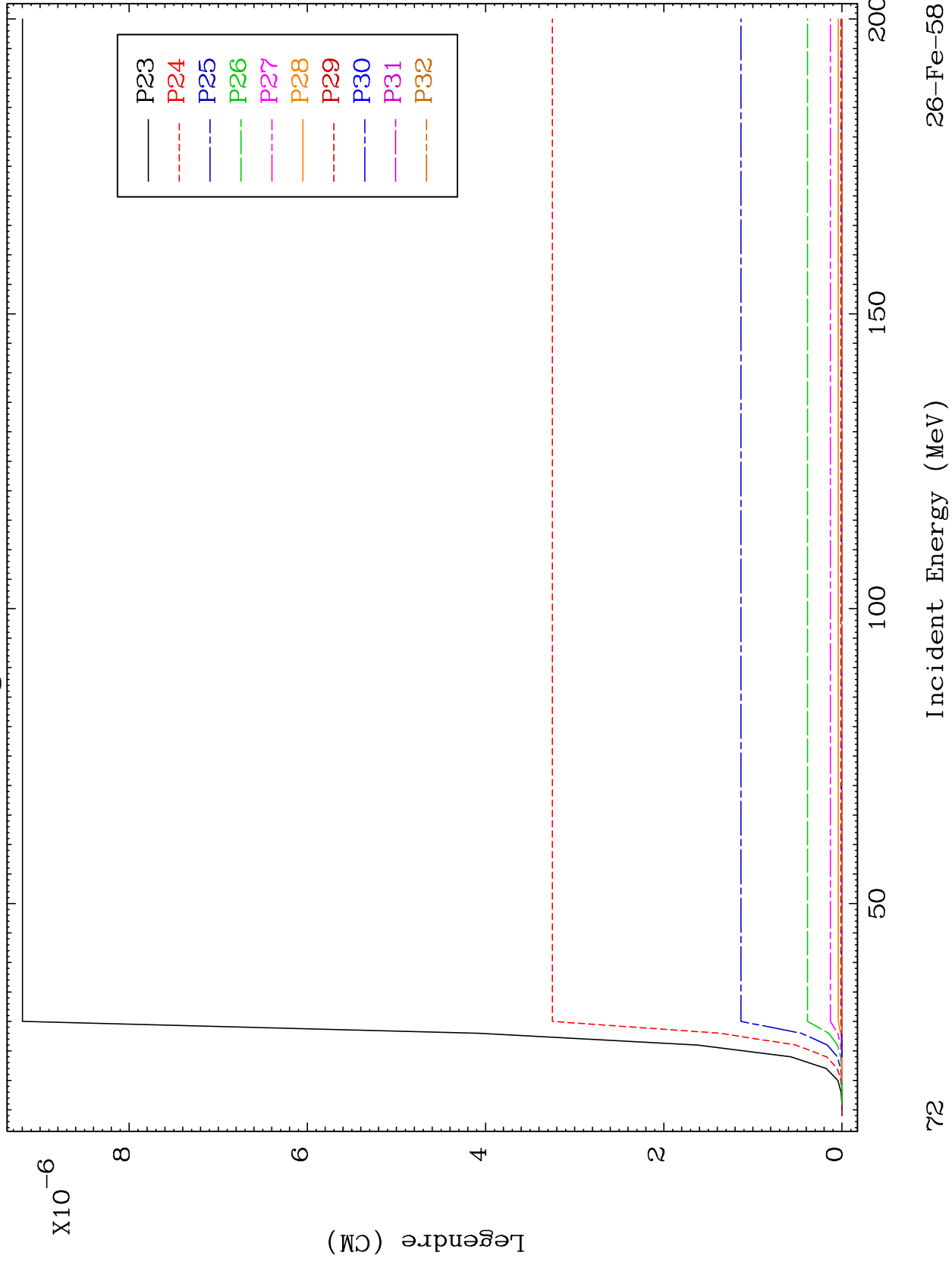




MAT 2637

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

26-Fe-58



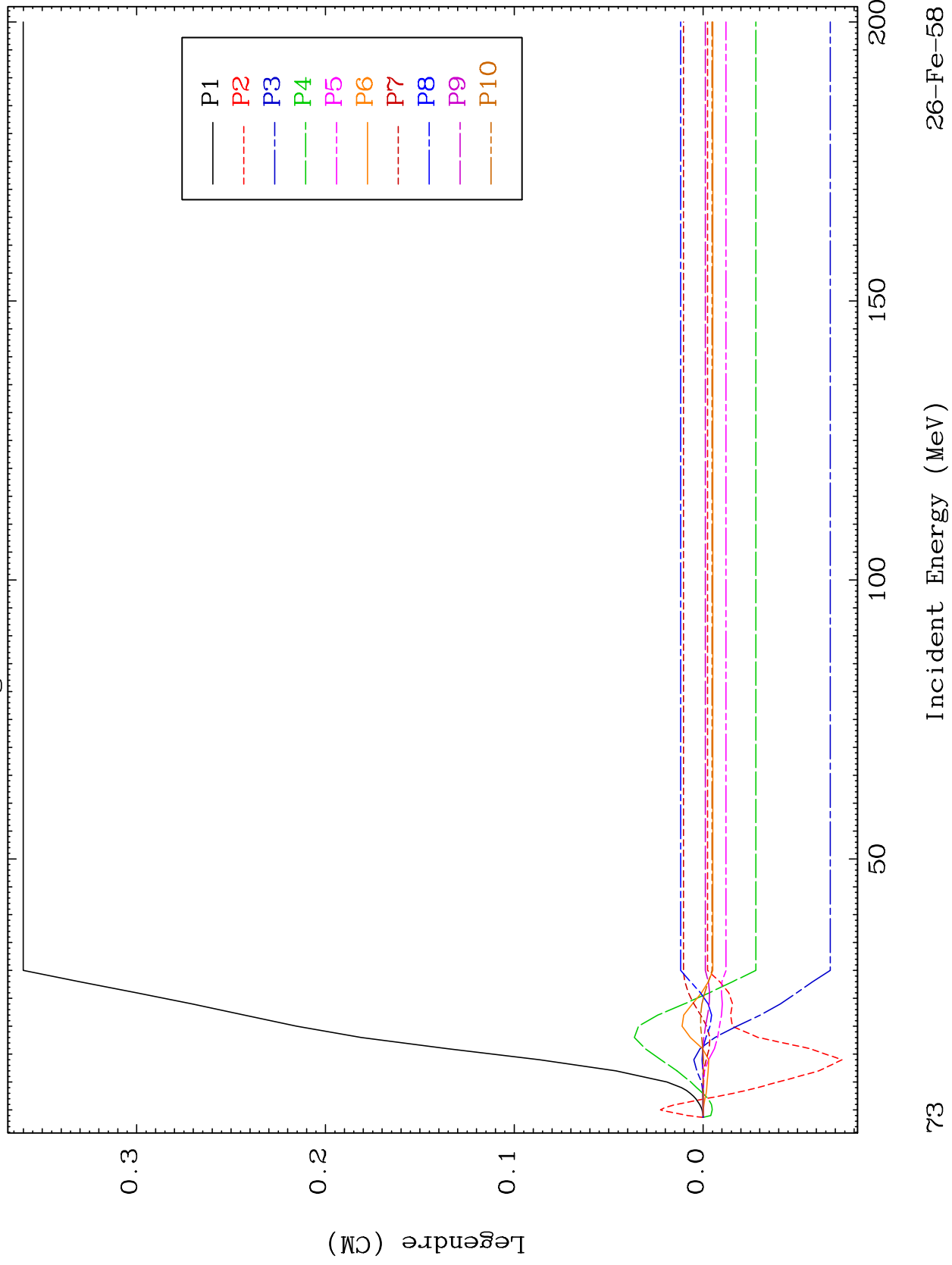
72

26-Fe-58

MAT 2637

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

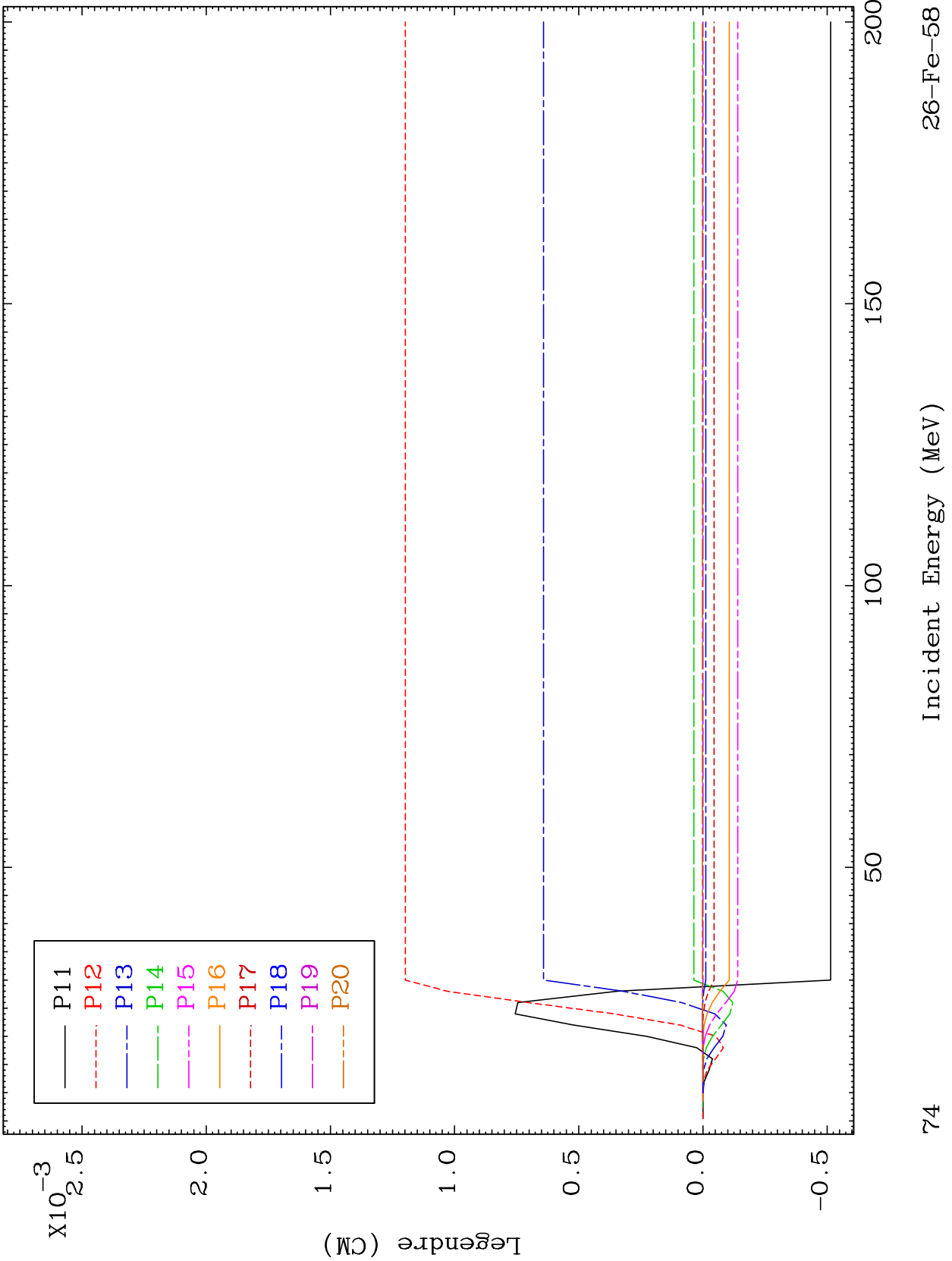
26-Fe-58



73

Incident Energy (MeV)

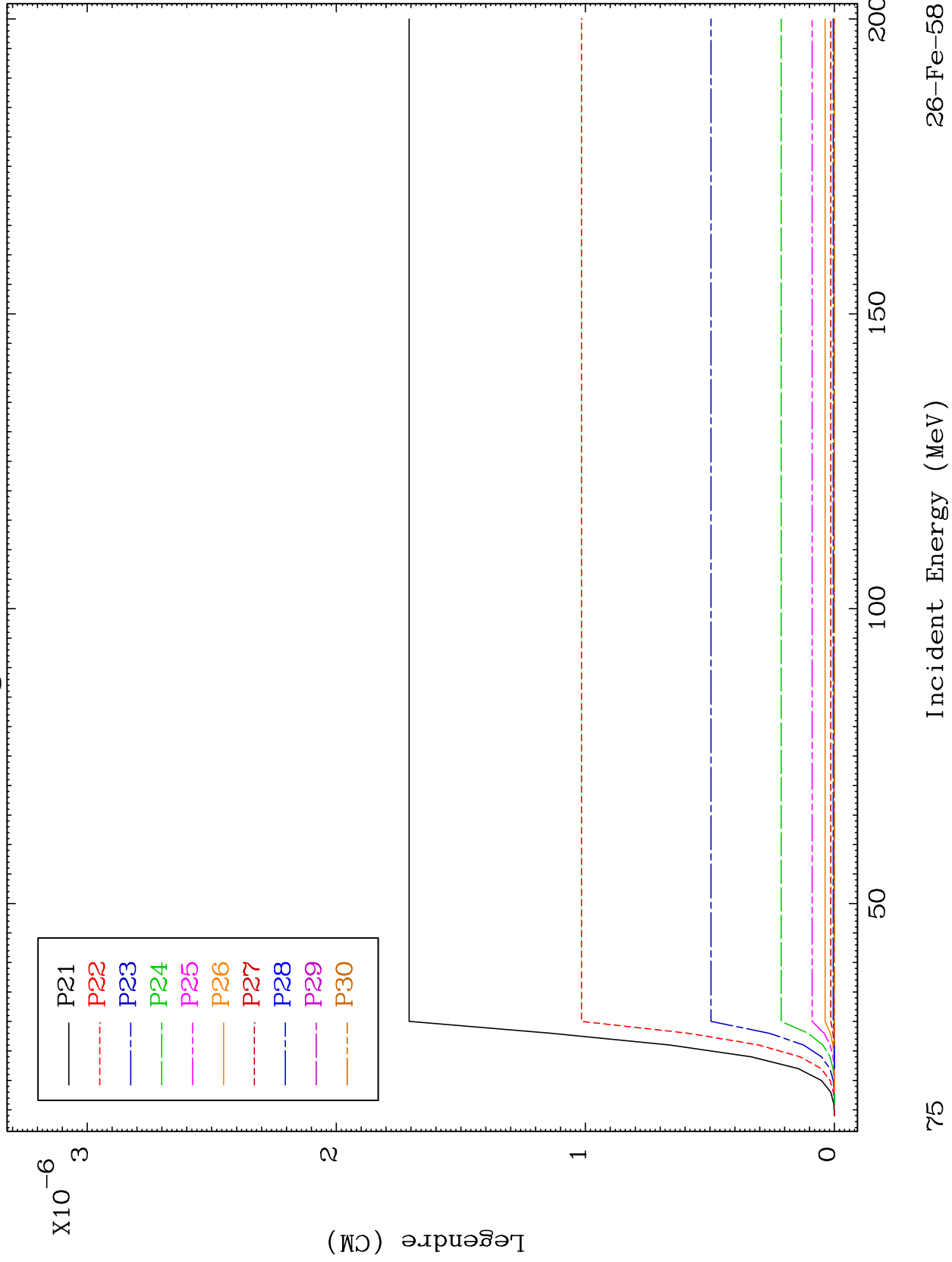
26-Fe-58

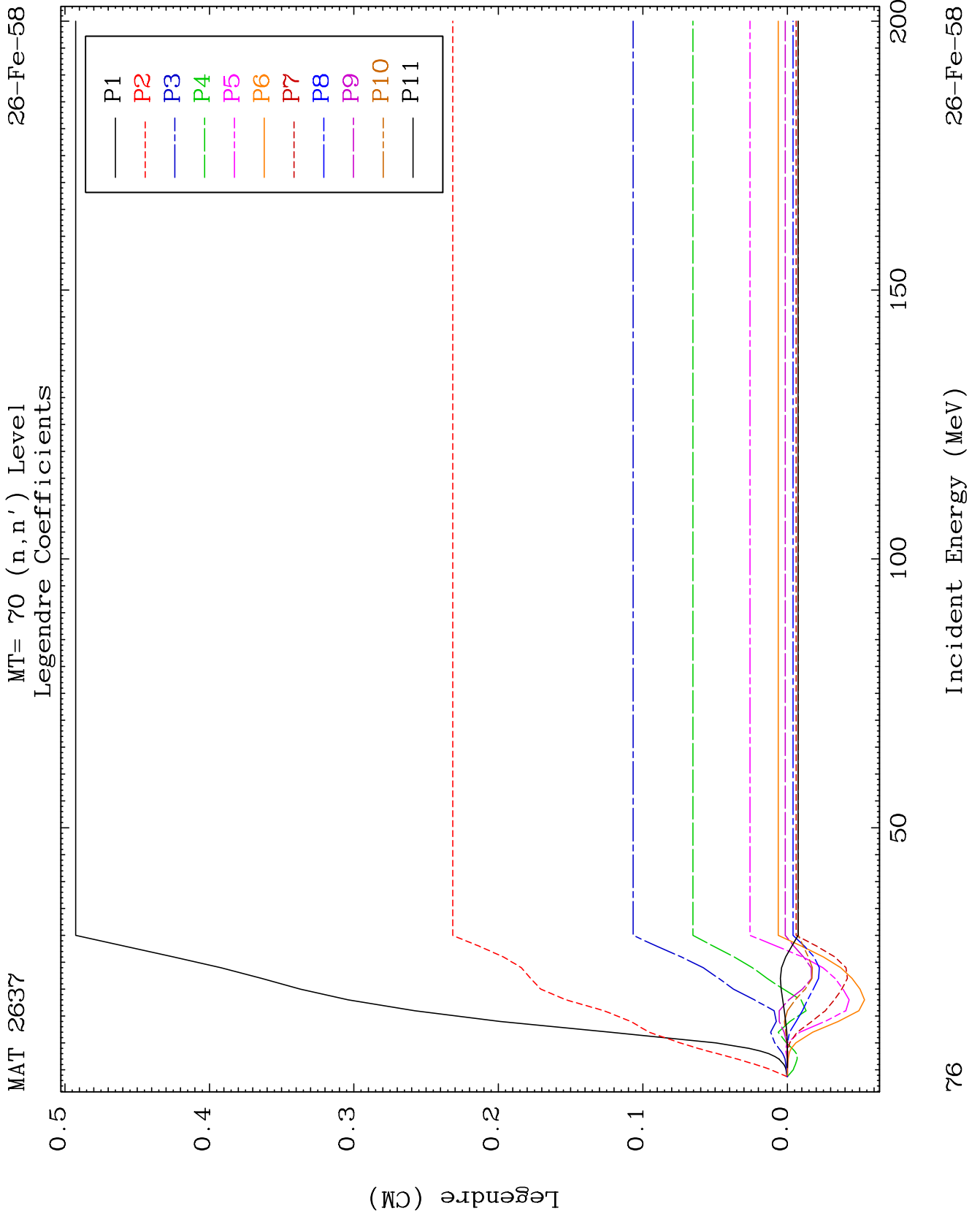


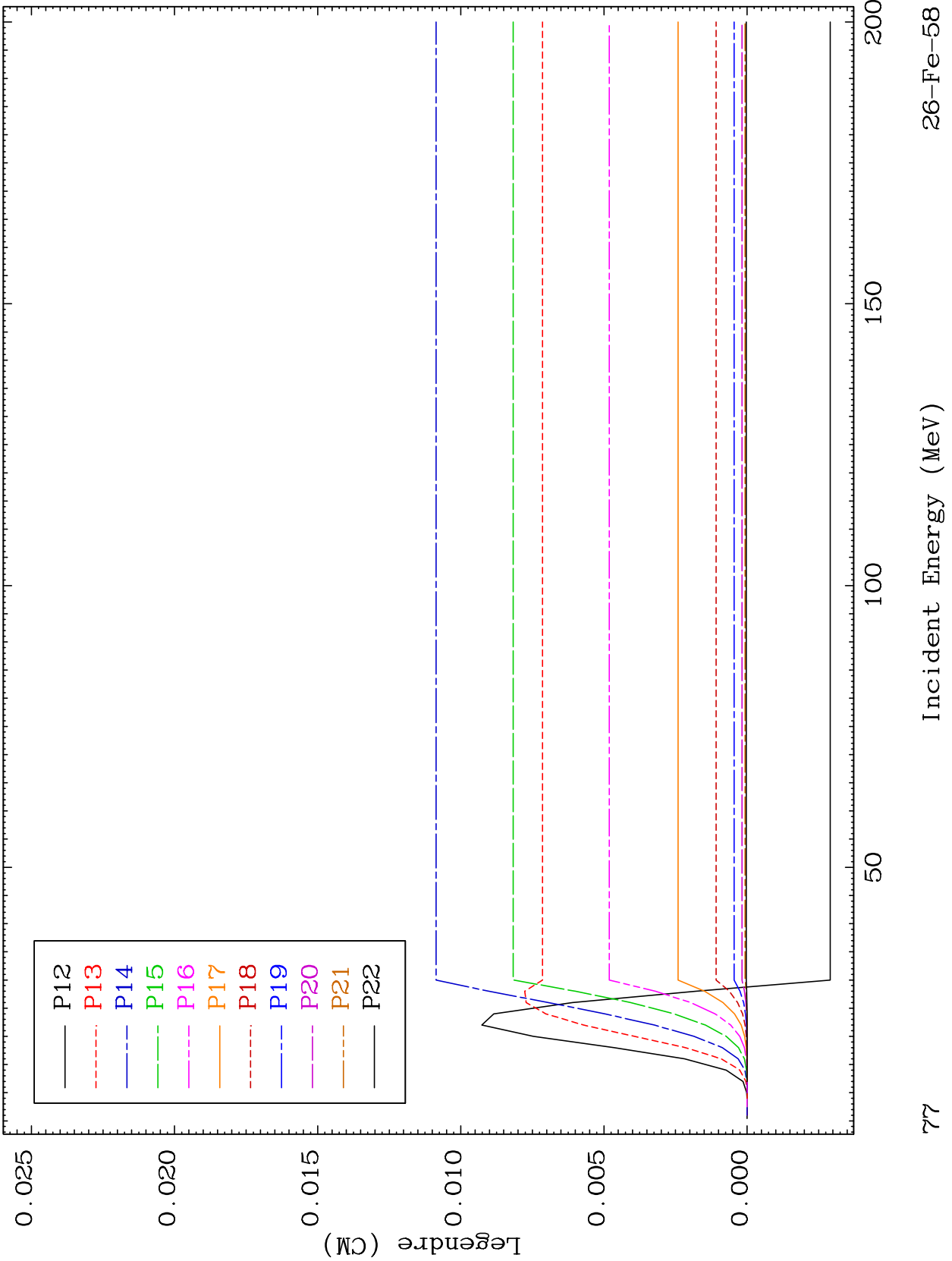
MAT 2637

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

26-Fe-58



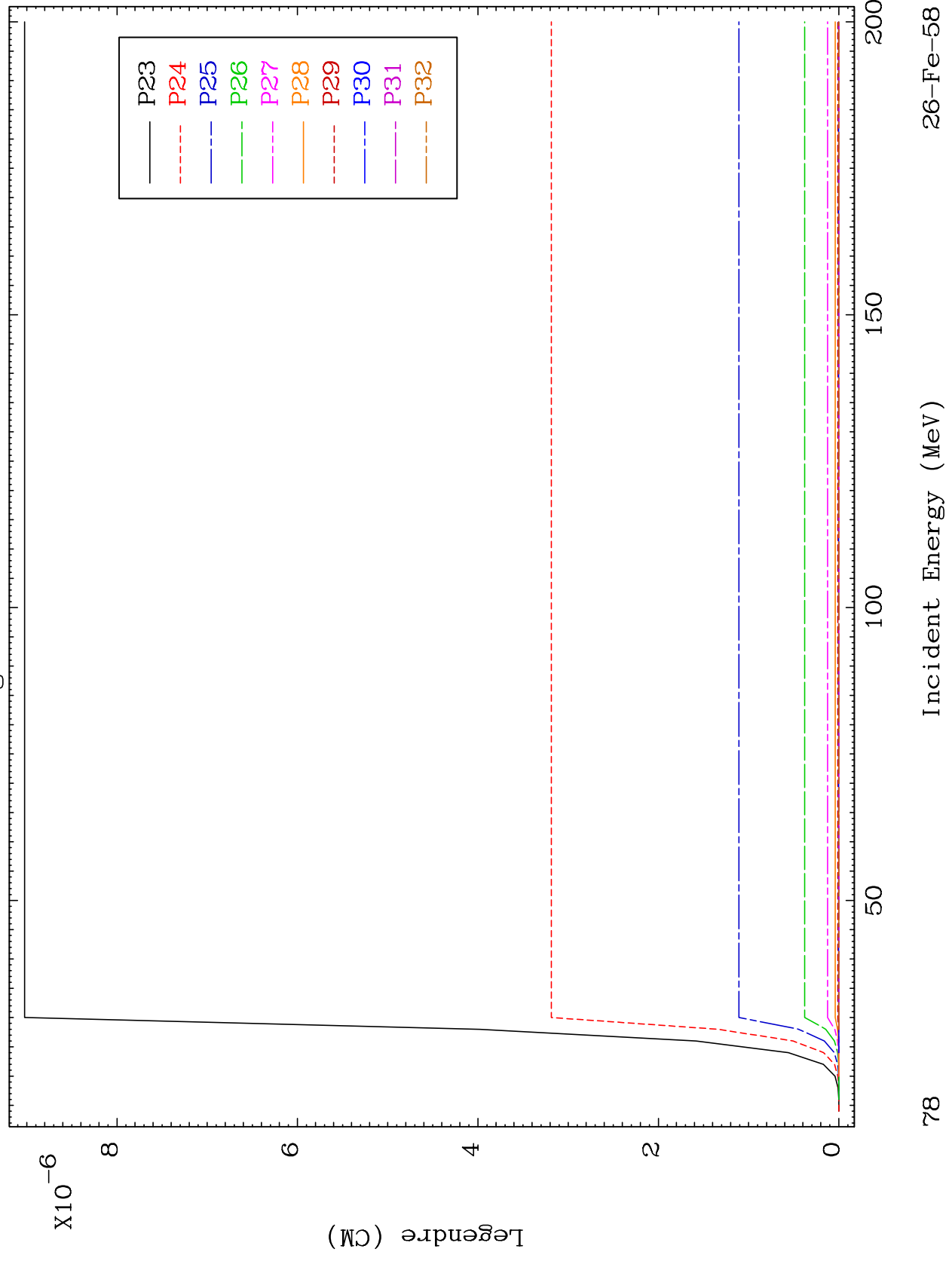




MAT 2637

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

26-Fe-58



78

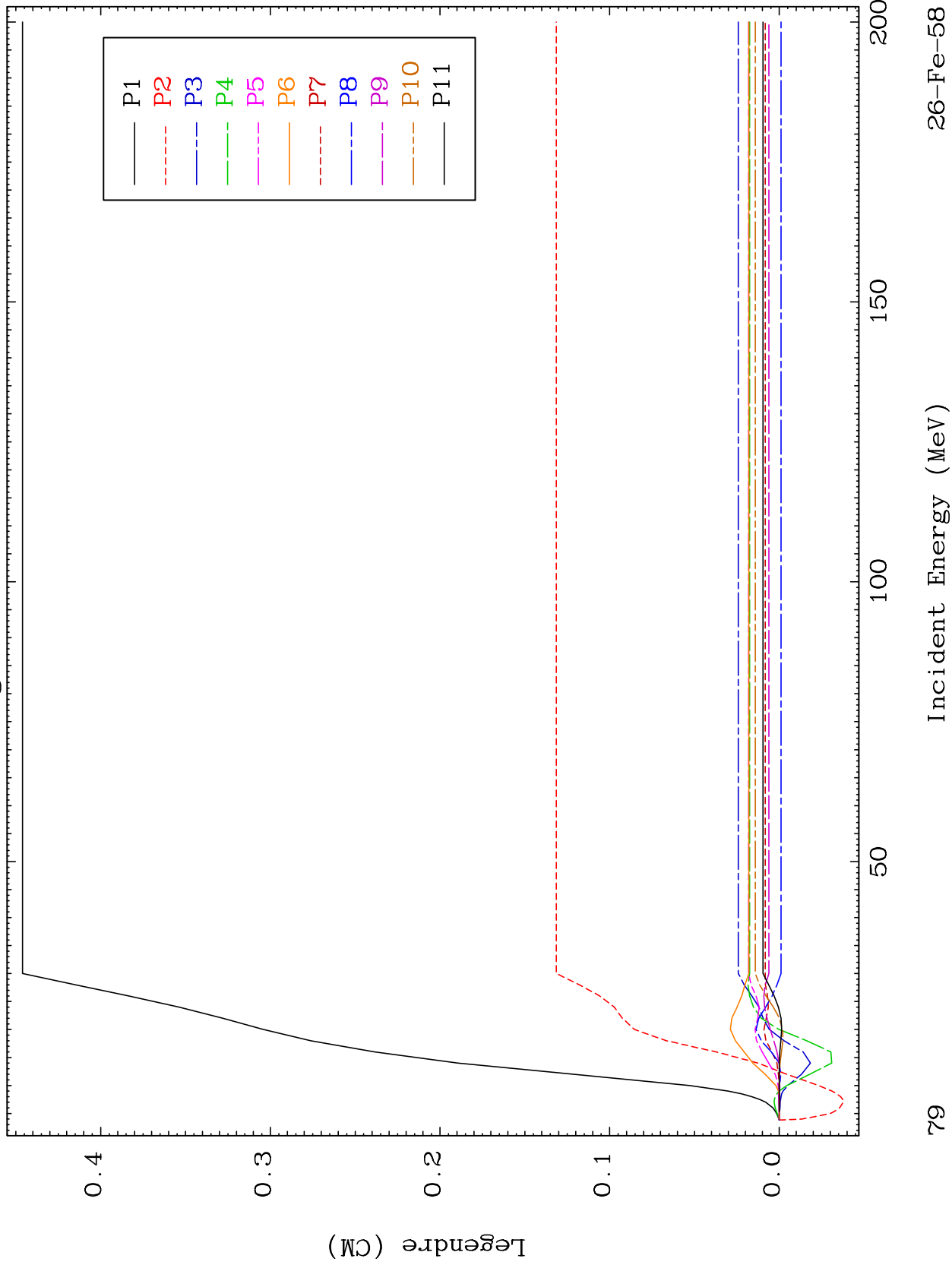
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

26-Fe-58



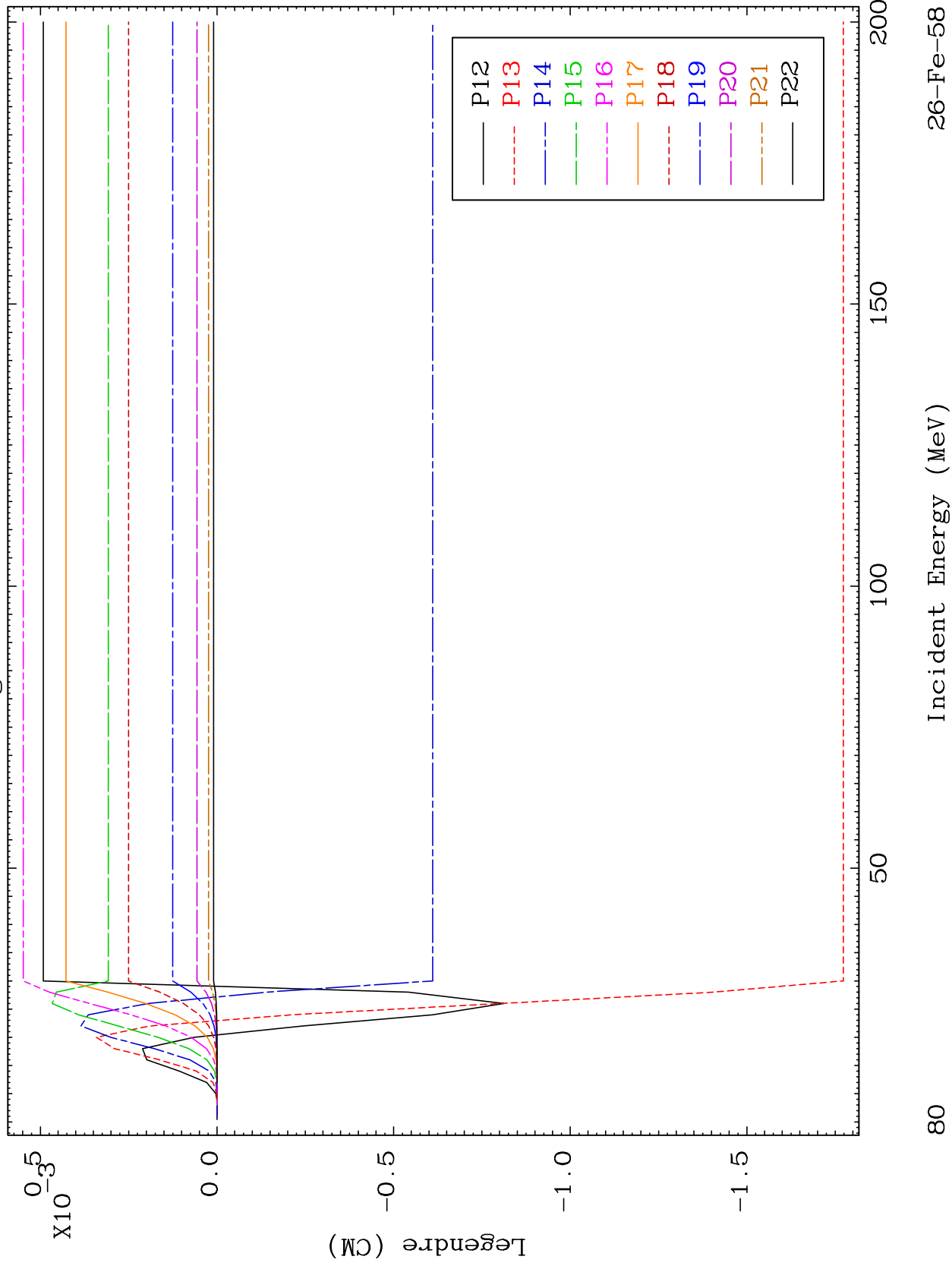
79

26-Fe-58

MAT 2637

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

26-Fe-58



80

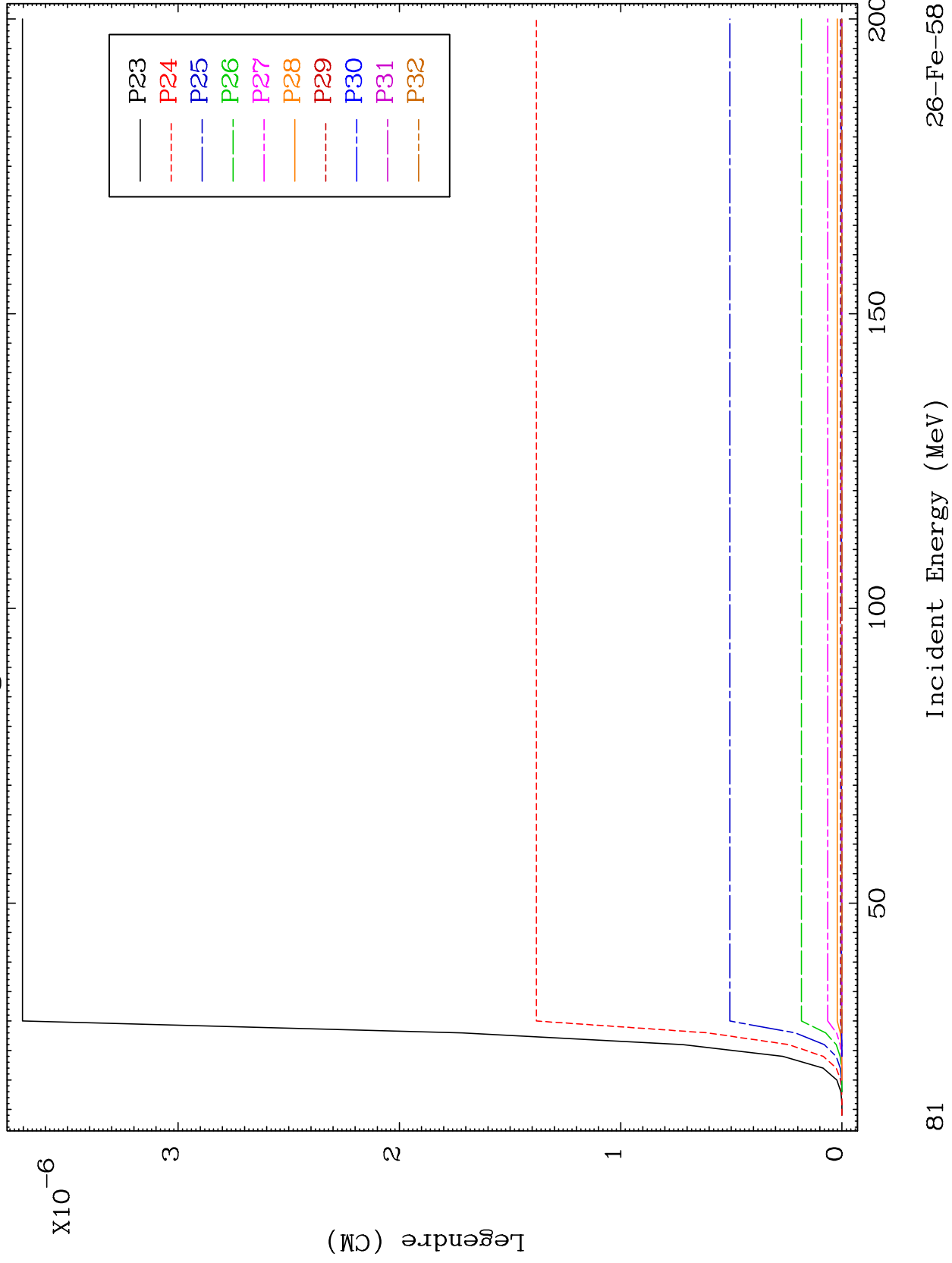
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

26-Fe-58



81

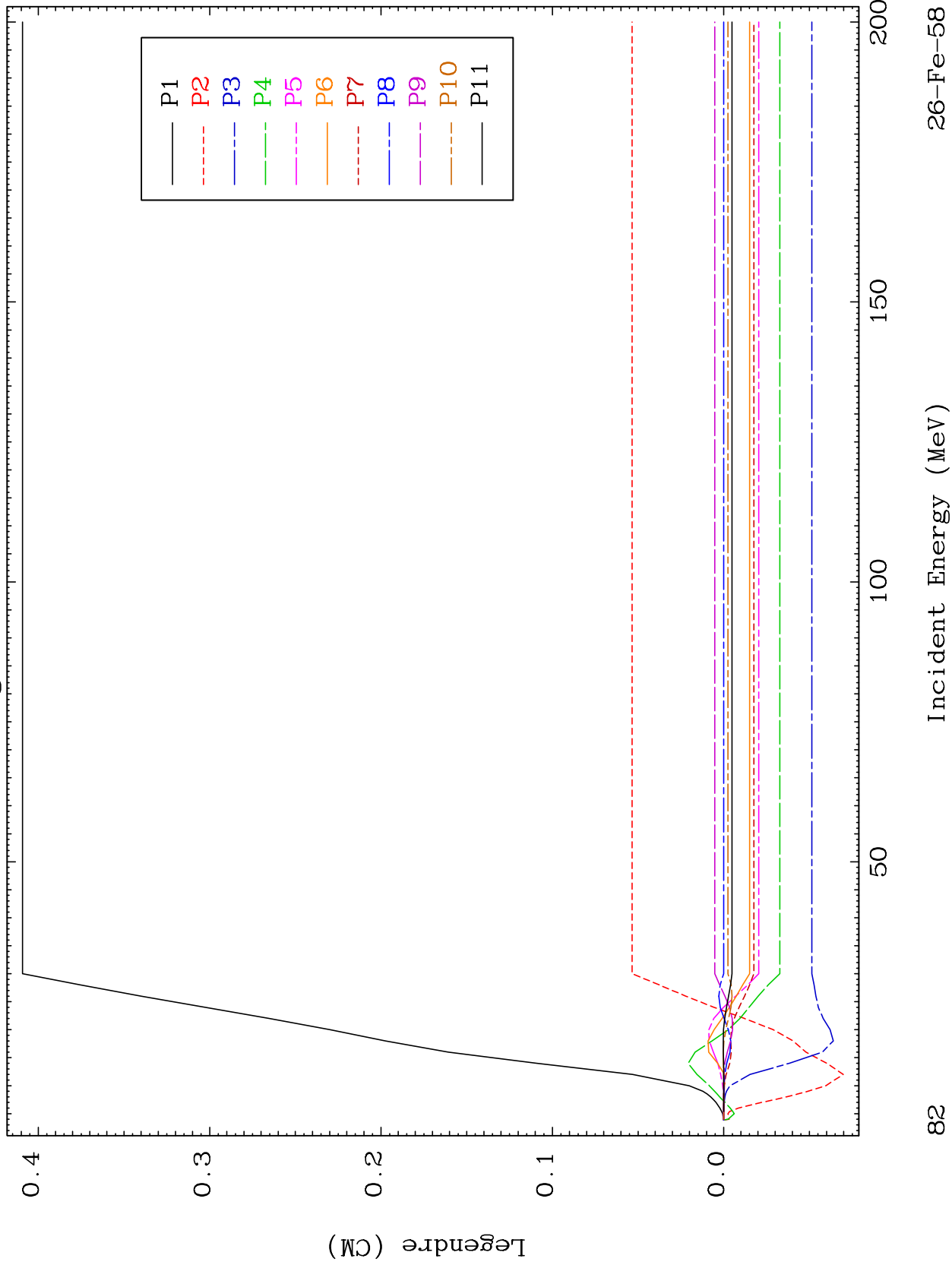
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

26-Fe-58



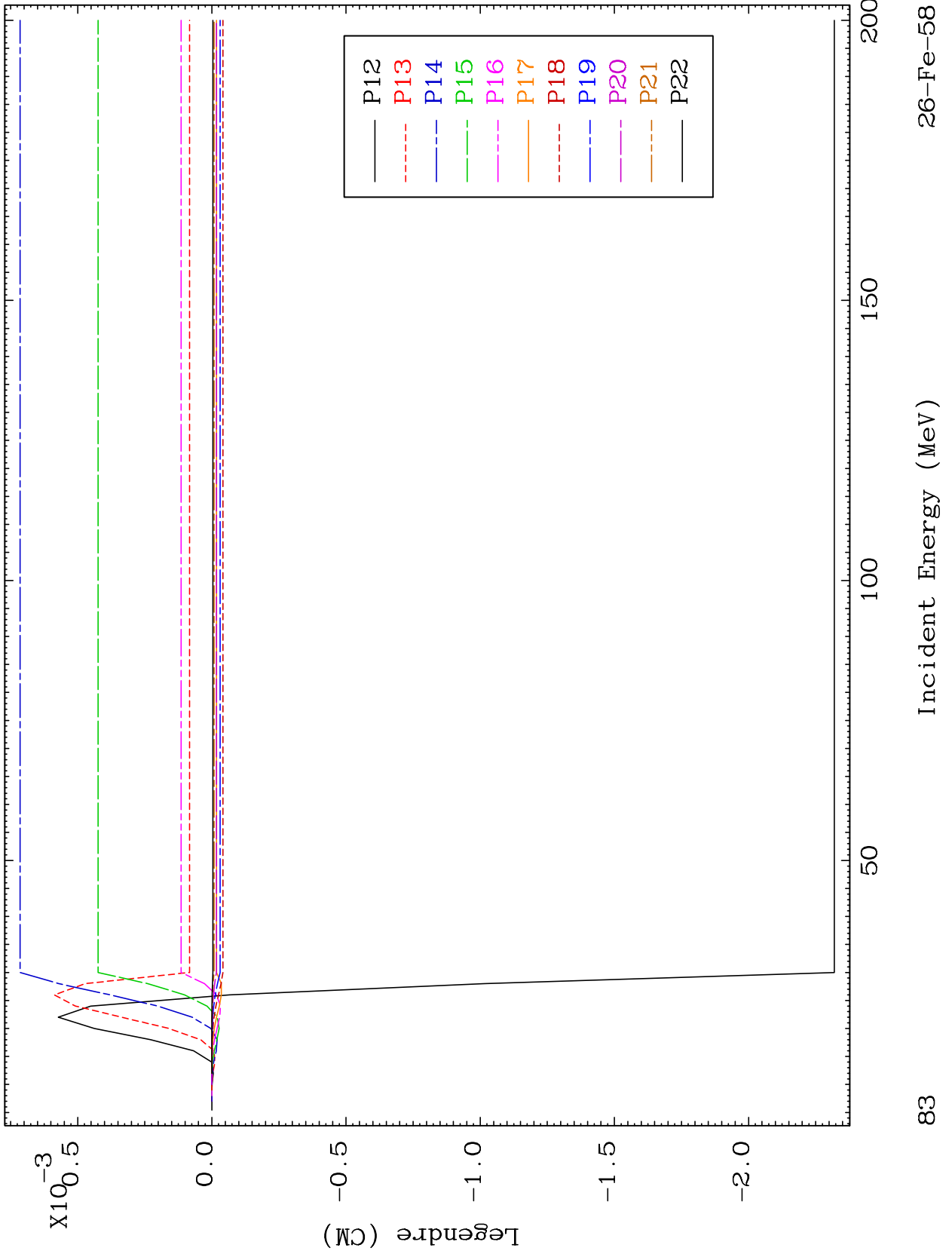
82

26-Fe-58

MAT 2637

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

26-Fe-58

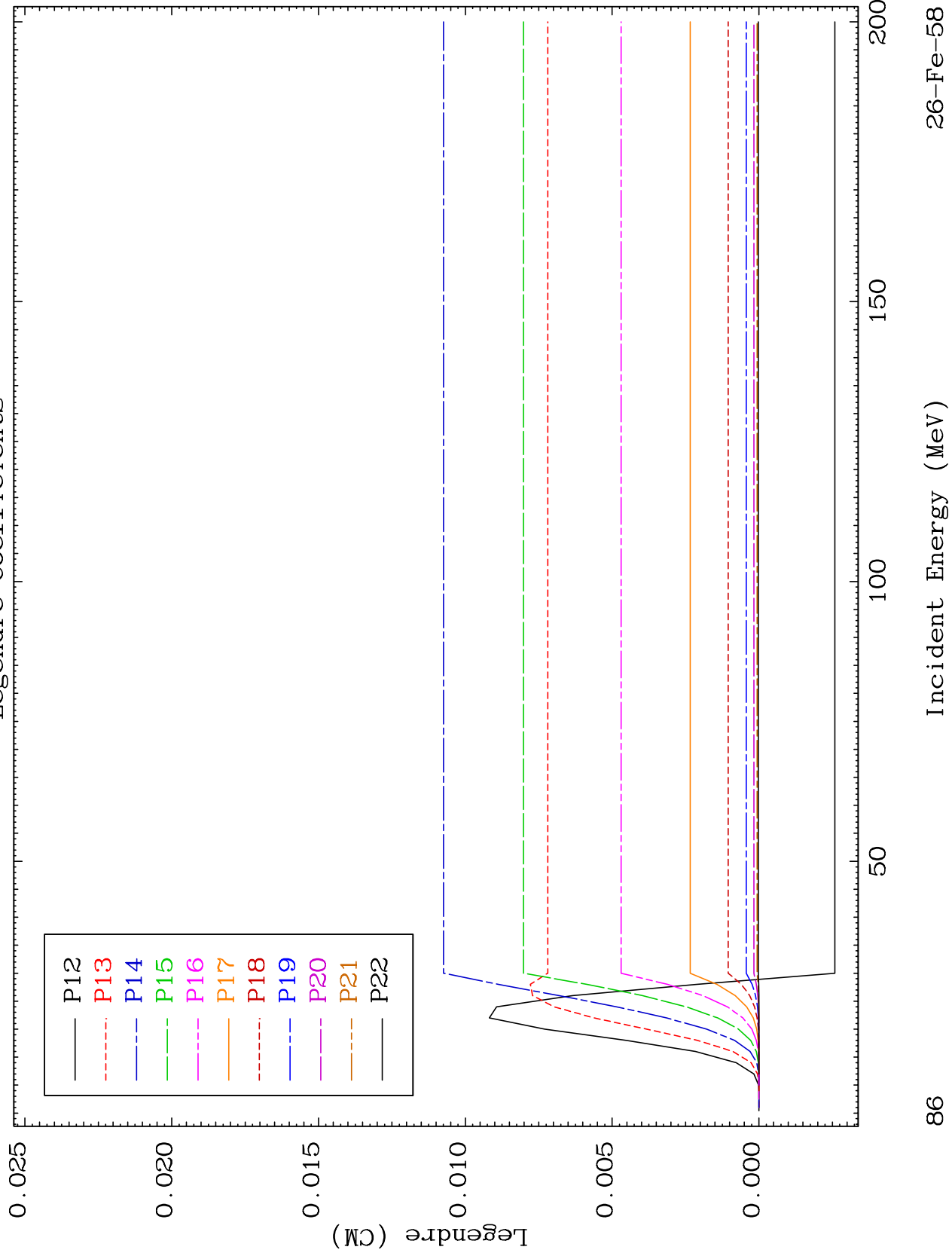


83

26-Fe-58



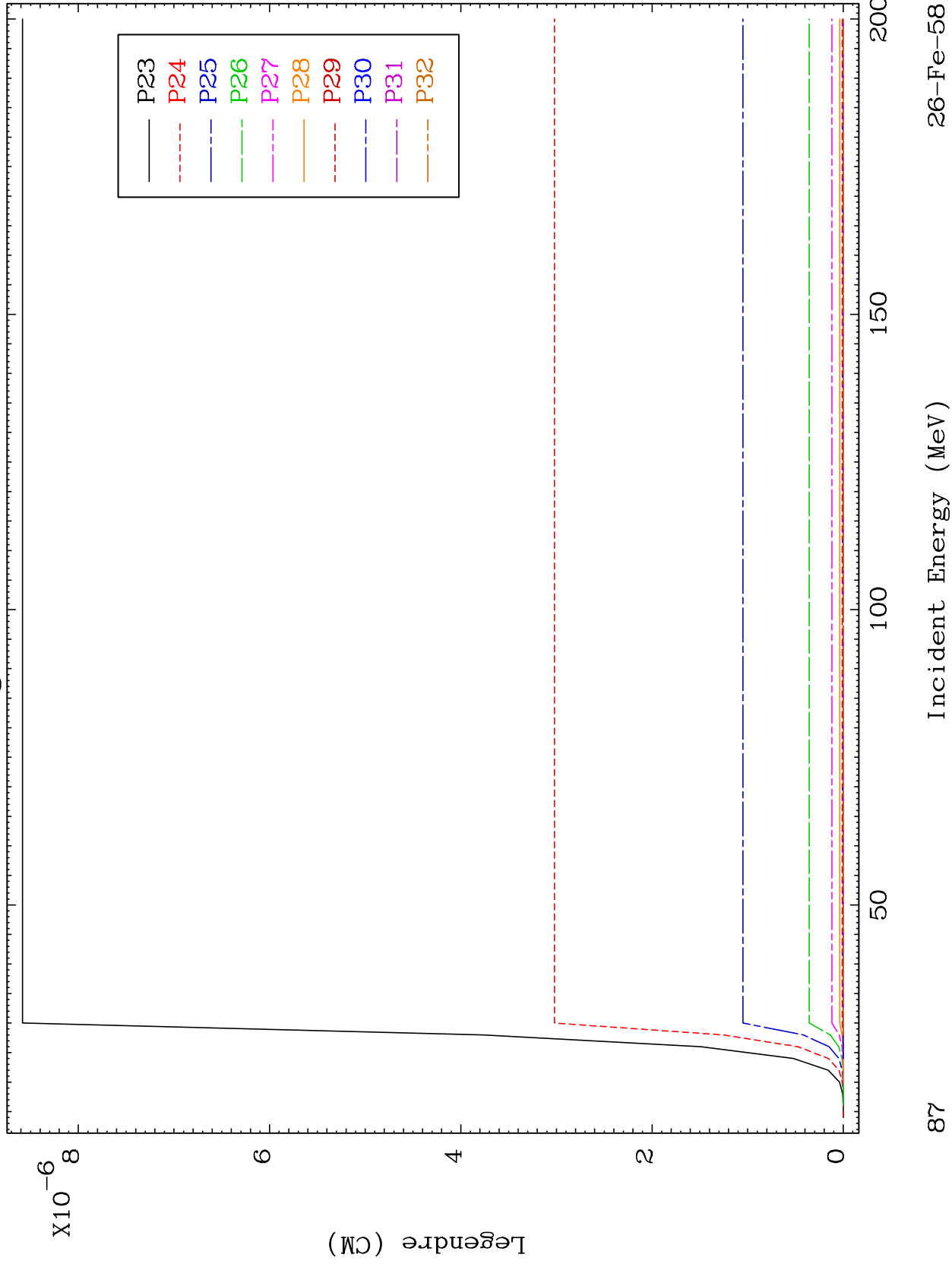




MAT 2637

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

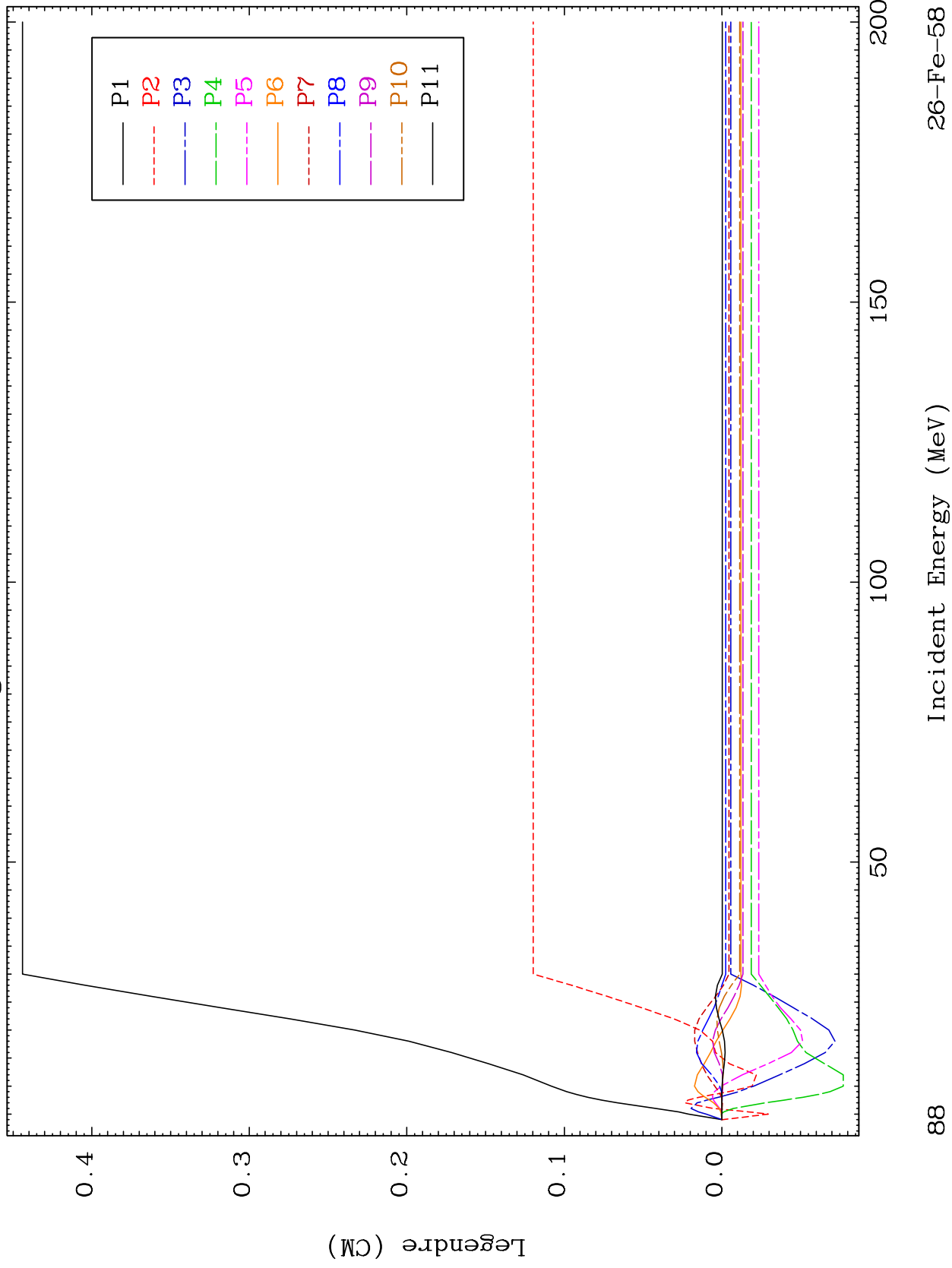
26-Fe-58



MAT 2637

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

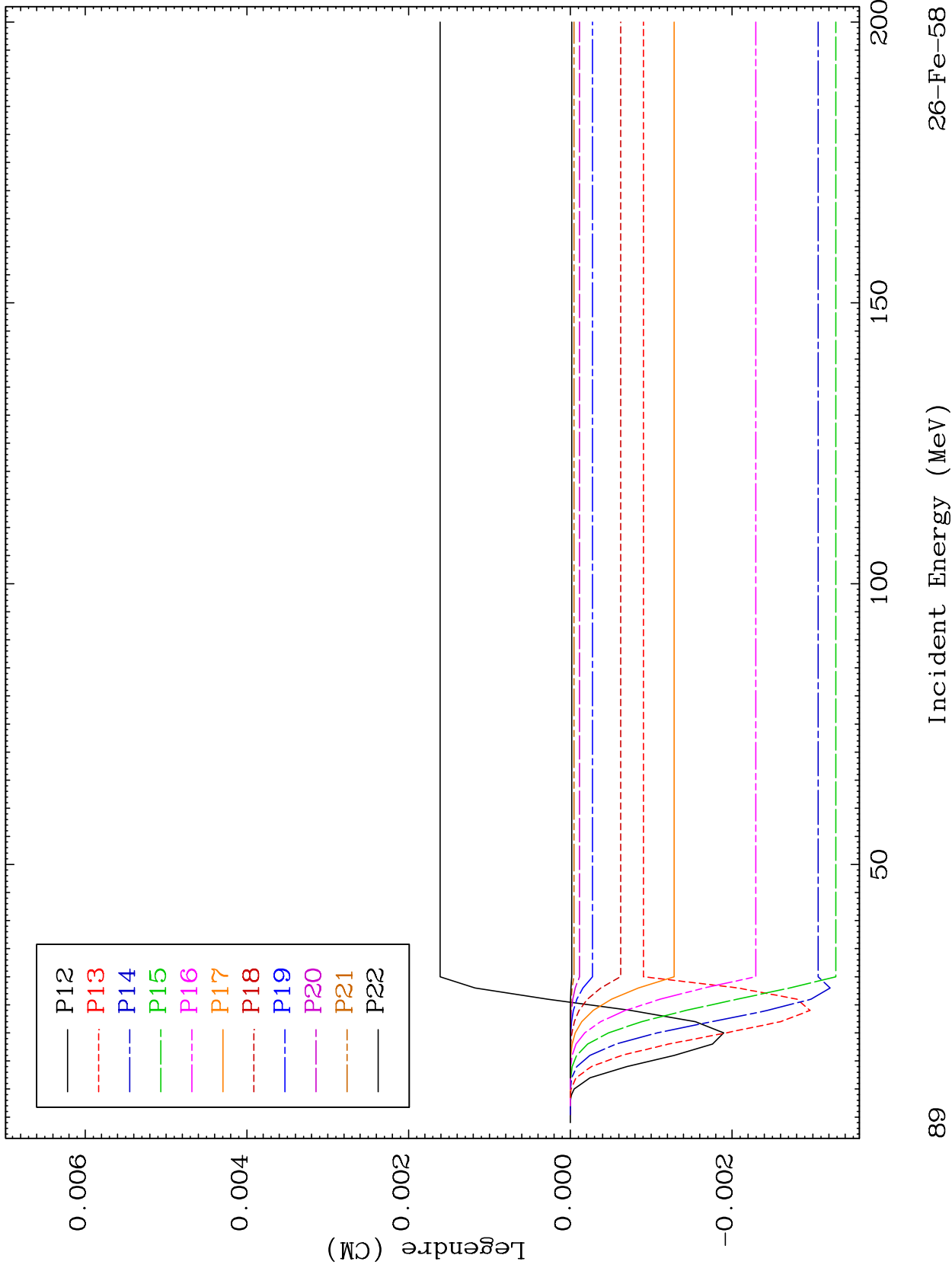
26-Fe-58



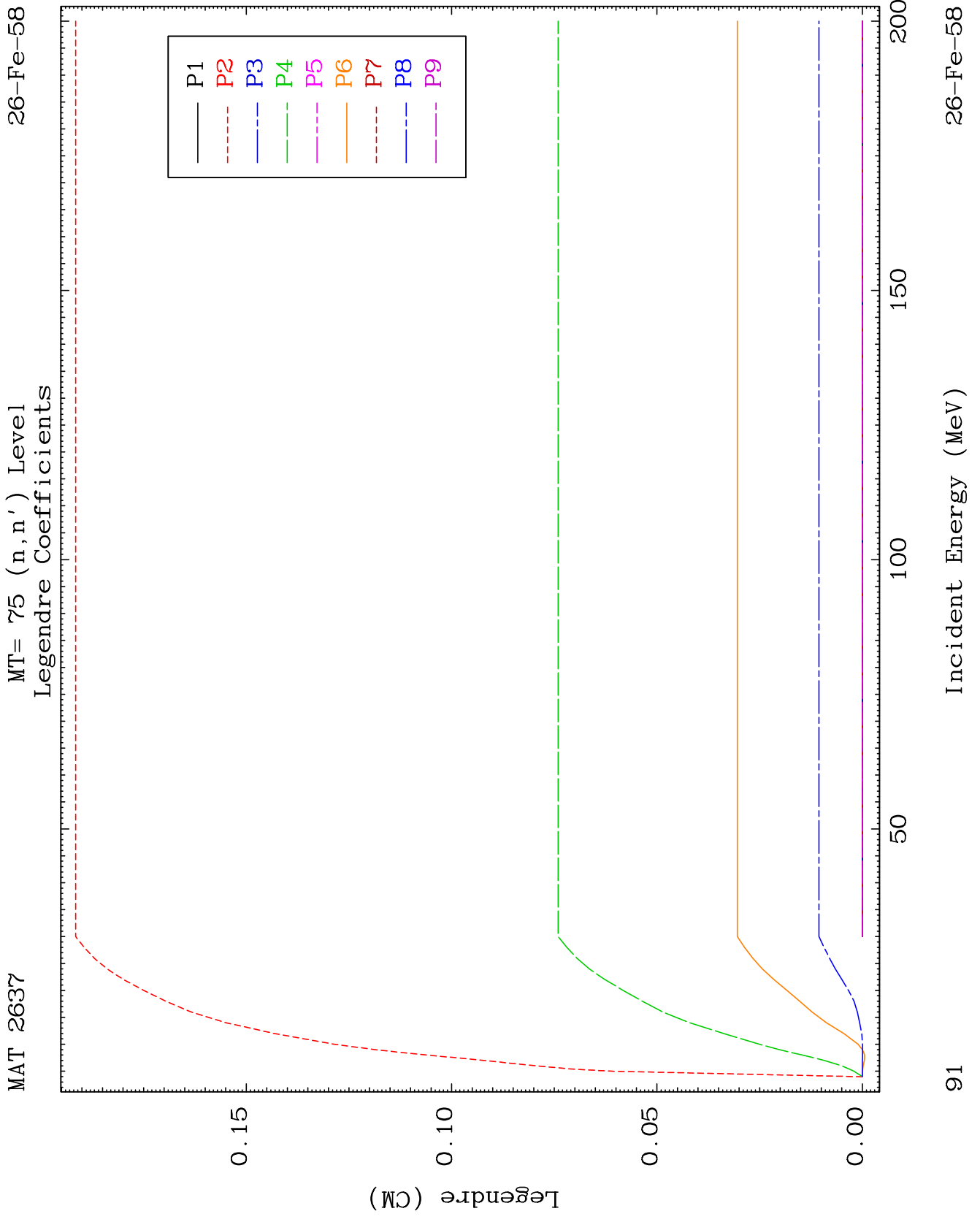
88

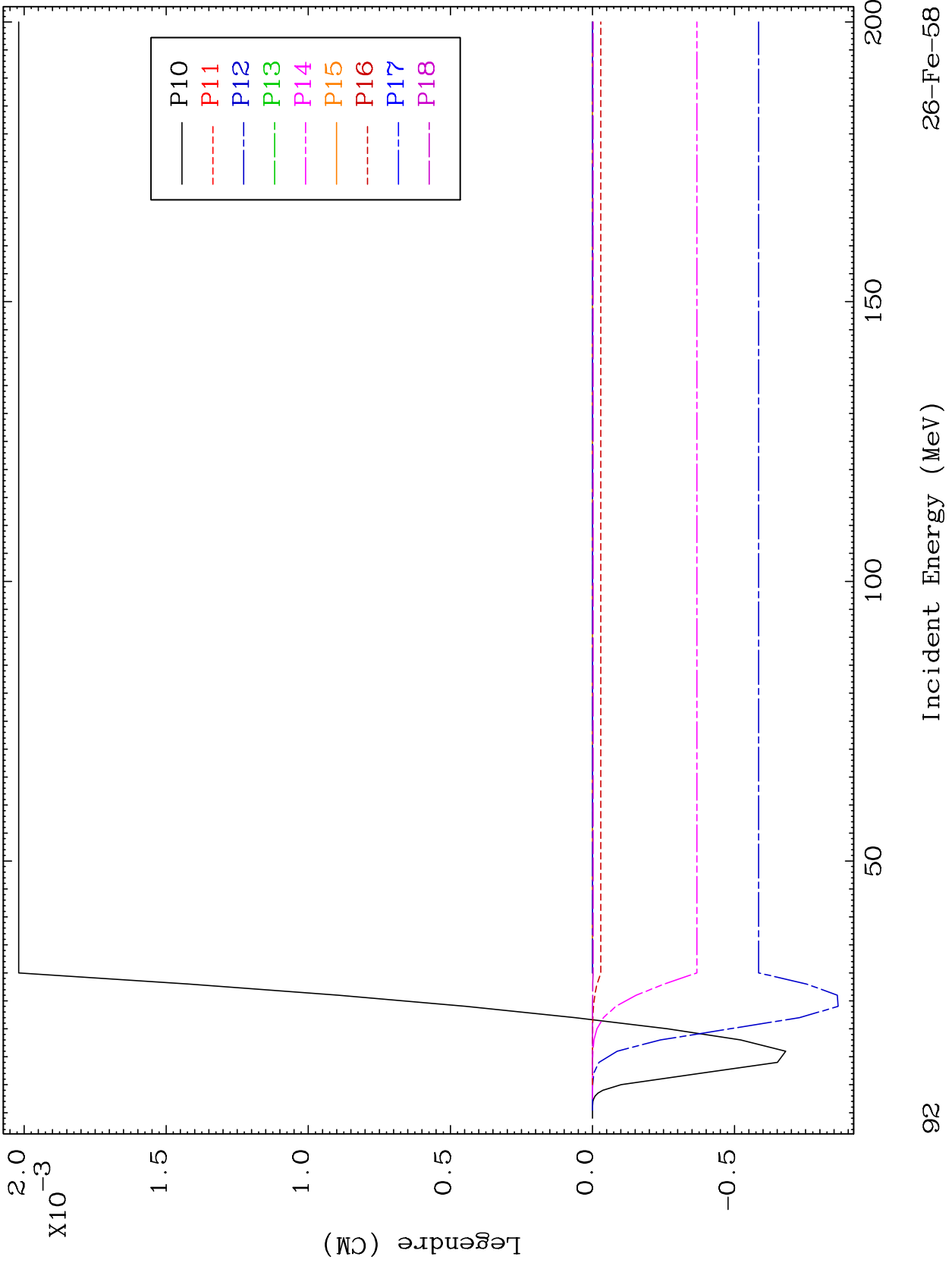
Incident Energy (MeV)

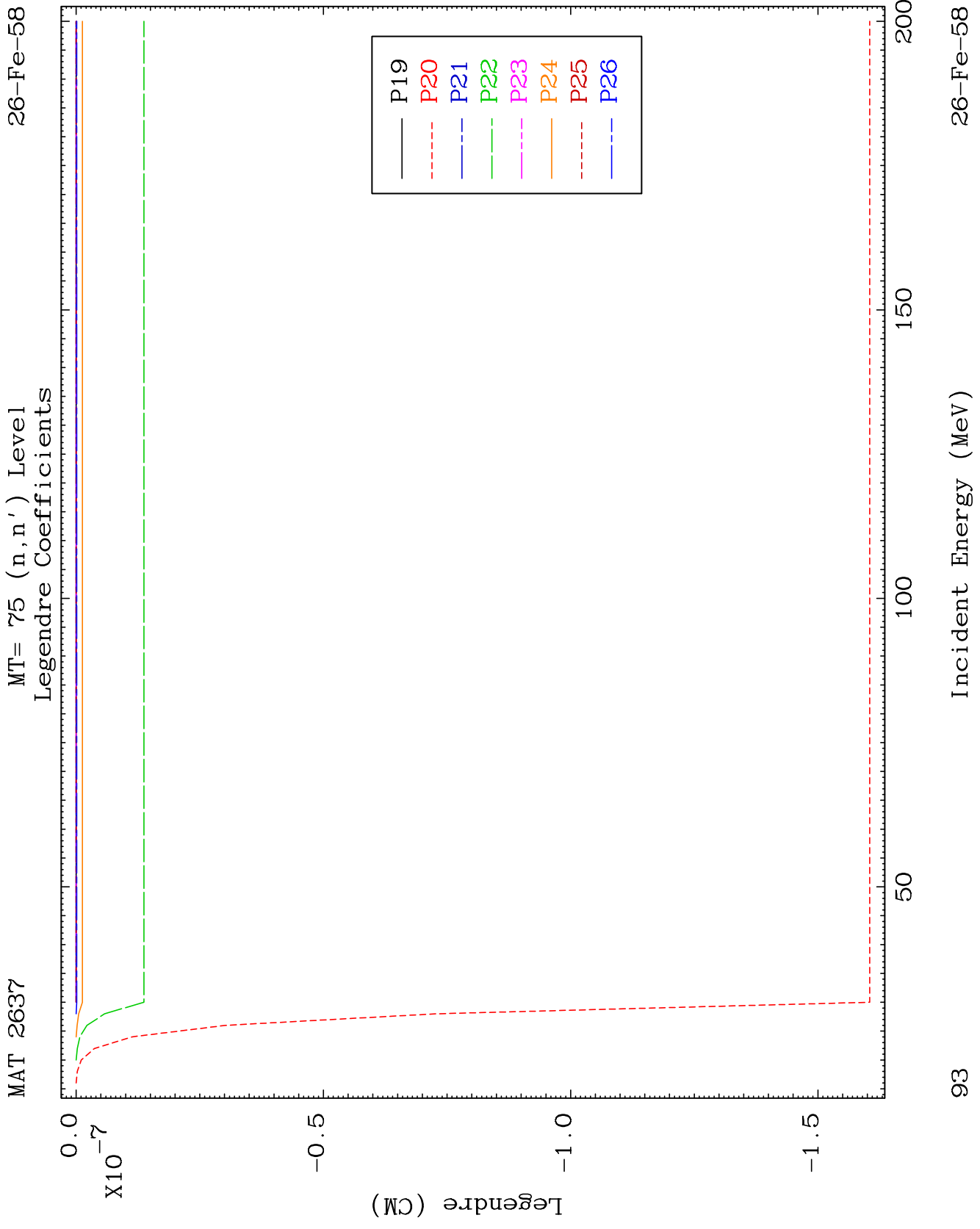
26-Fe-58







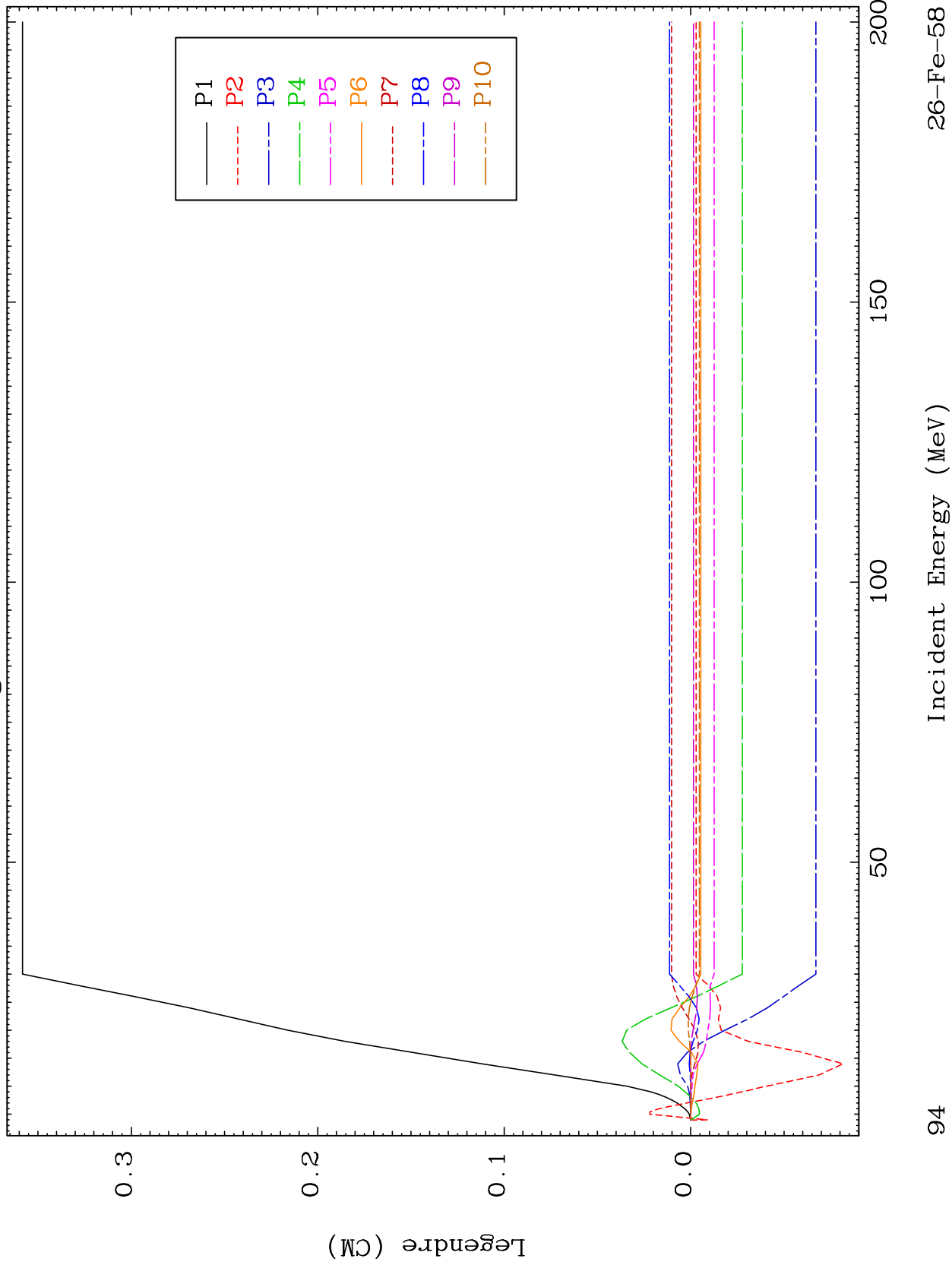




MAT 2637

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

26-Fe-58



94

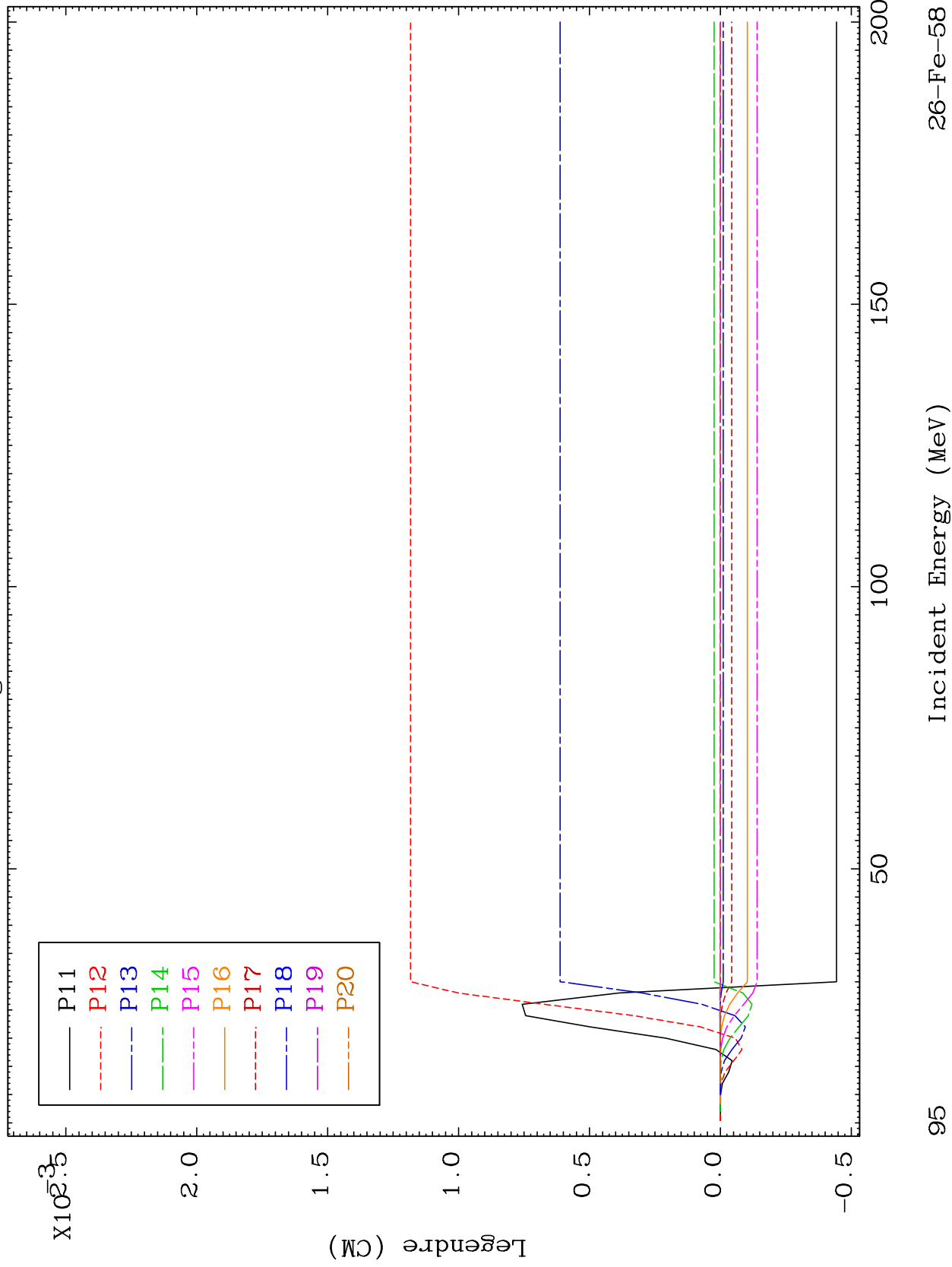
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

26-Fe-58



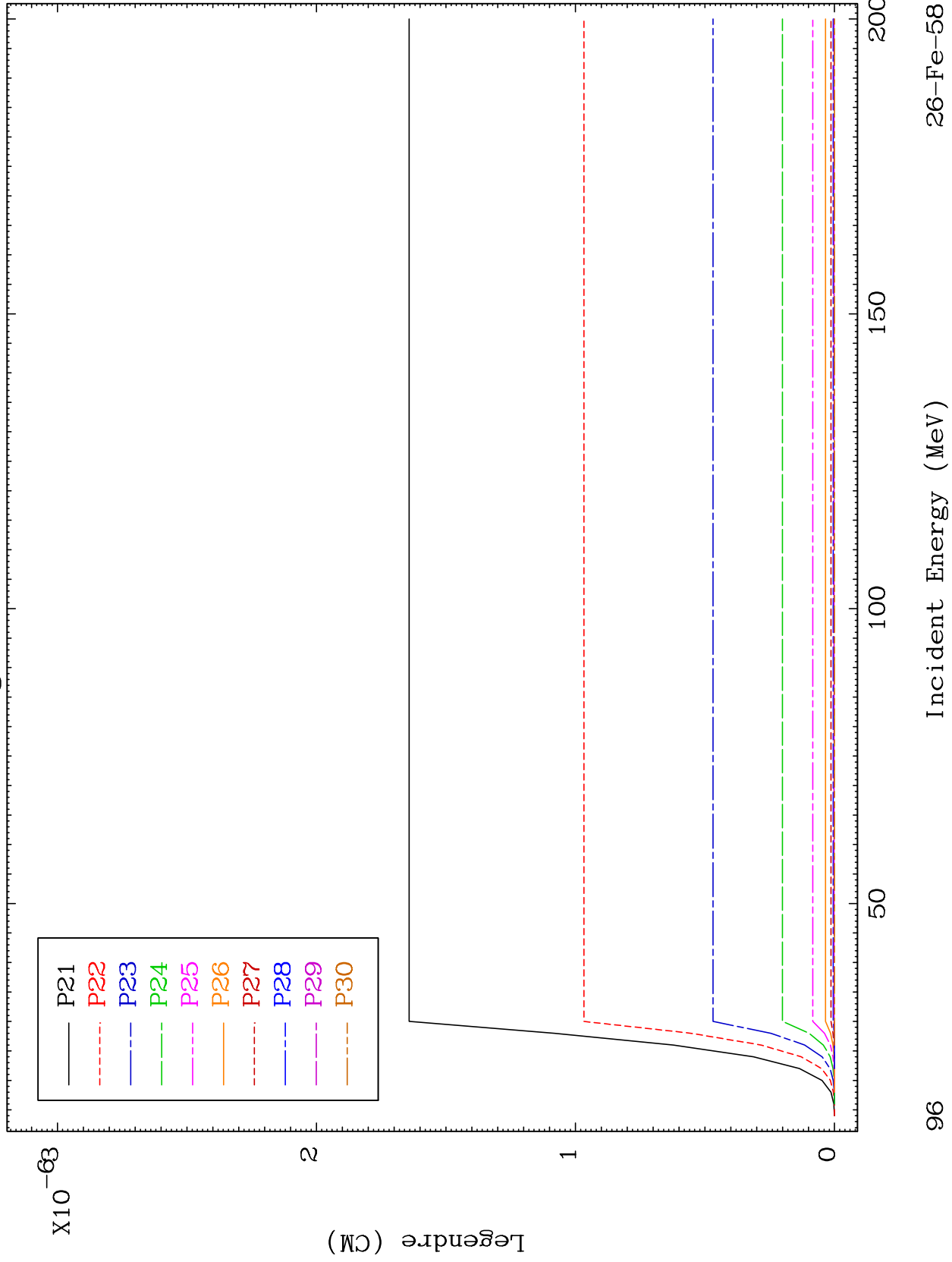
95

26-Fe-58

MAT 2637

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

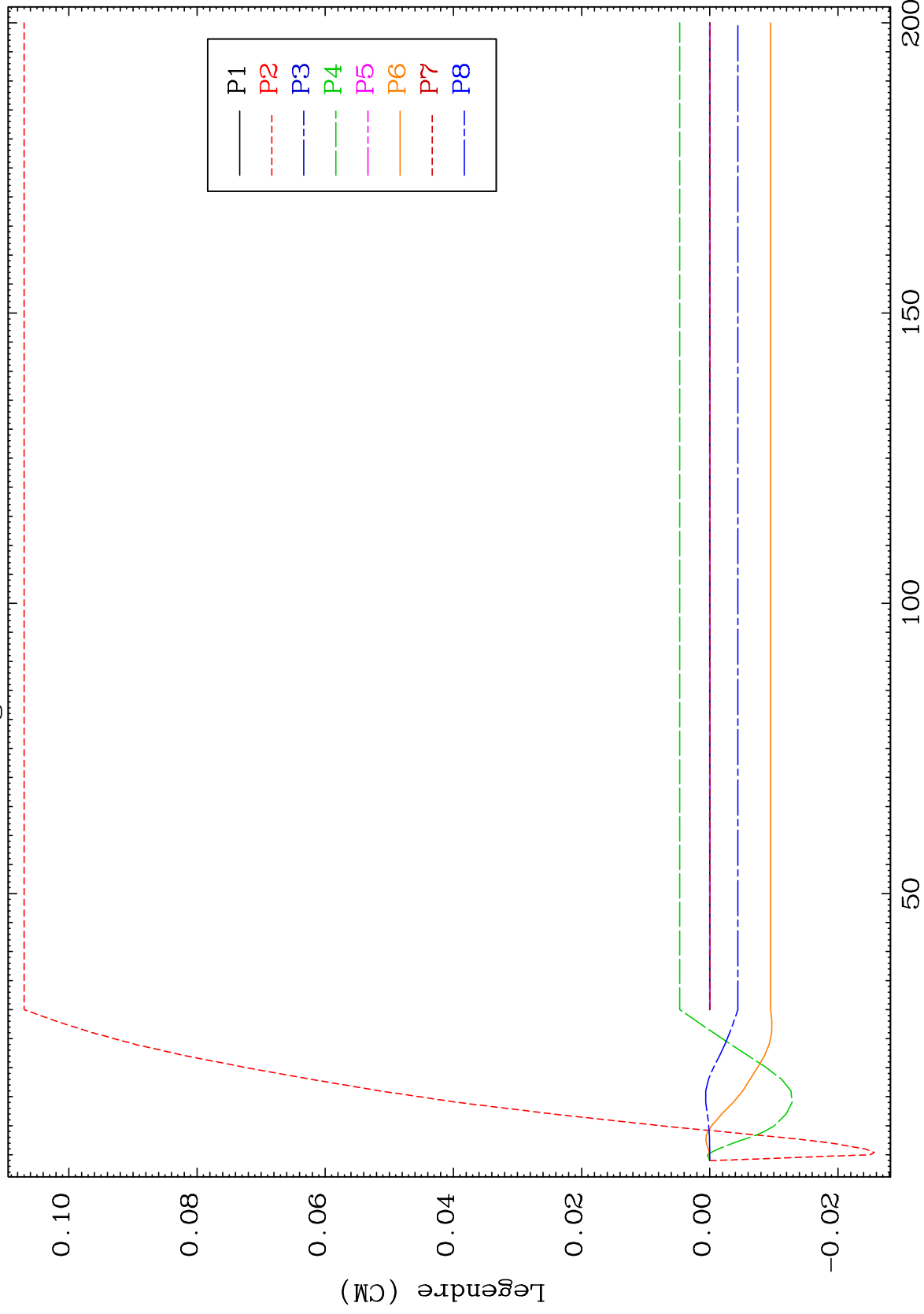
26-Fe-58



MAT 2637

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

26-Fe-58



97

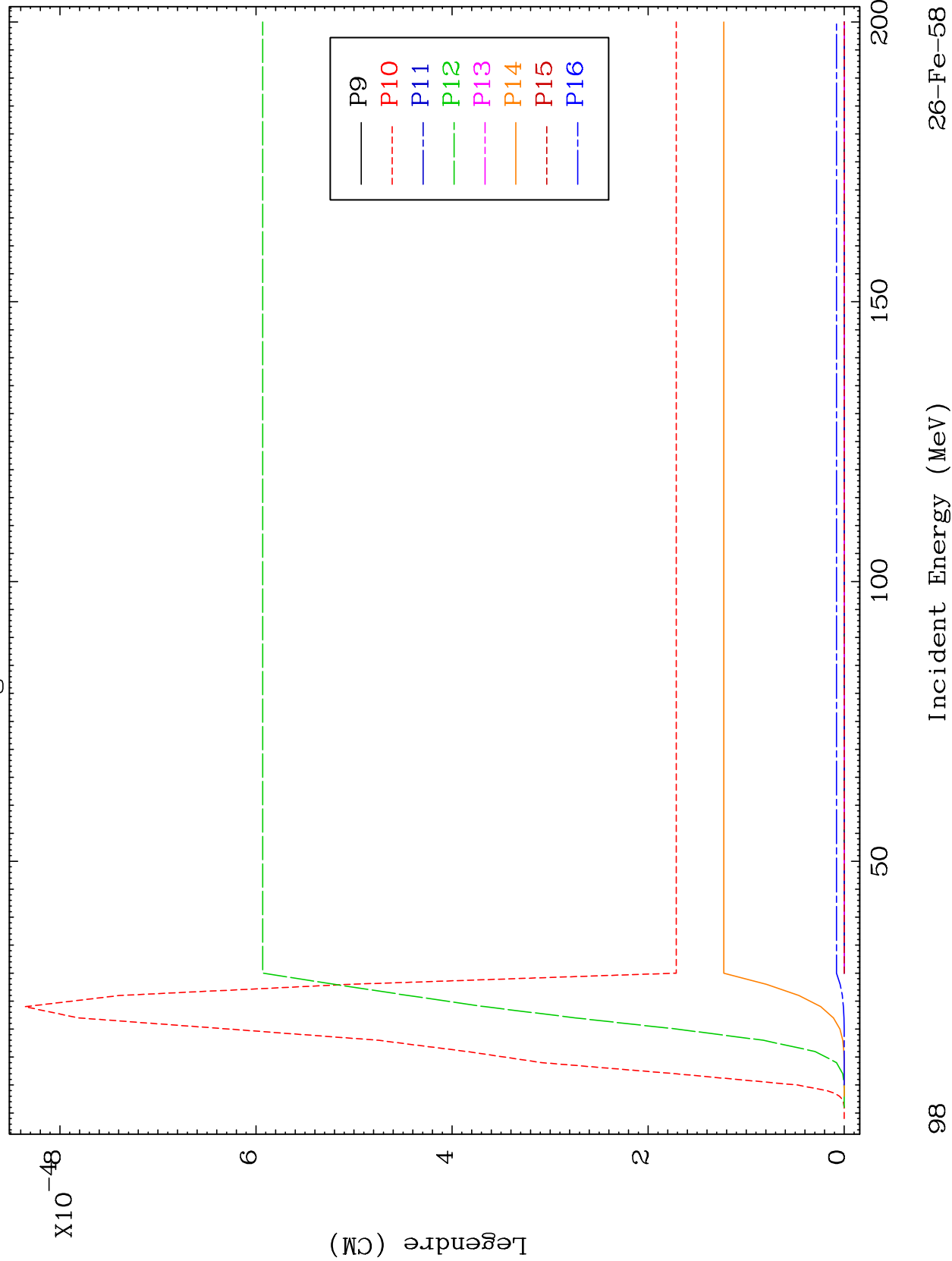
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

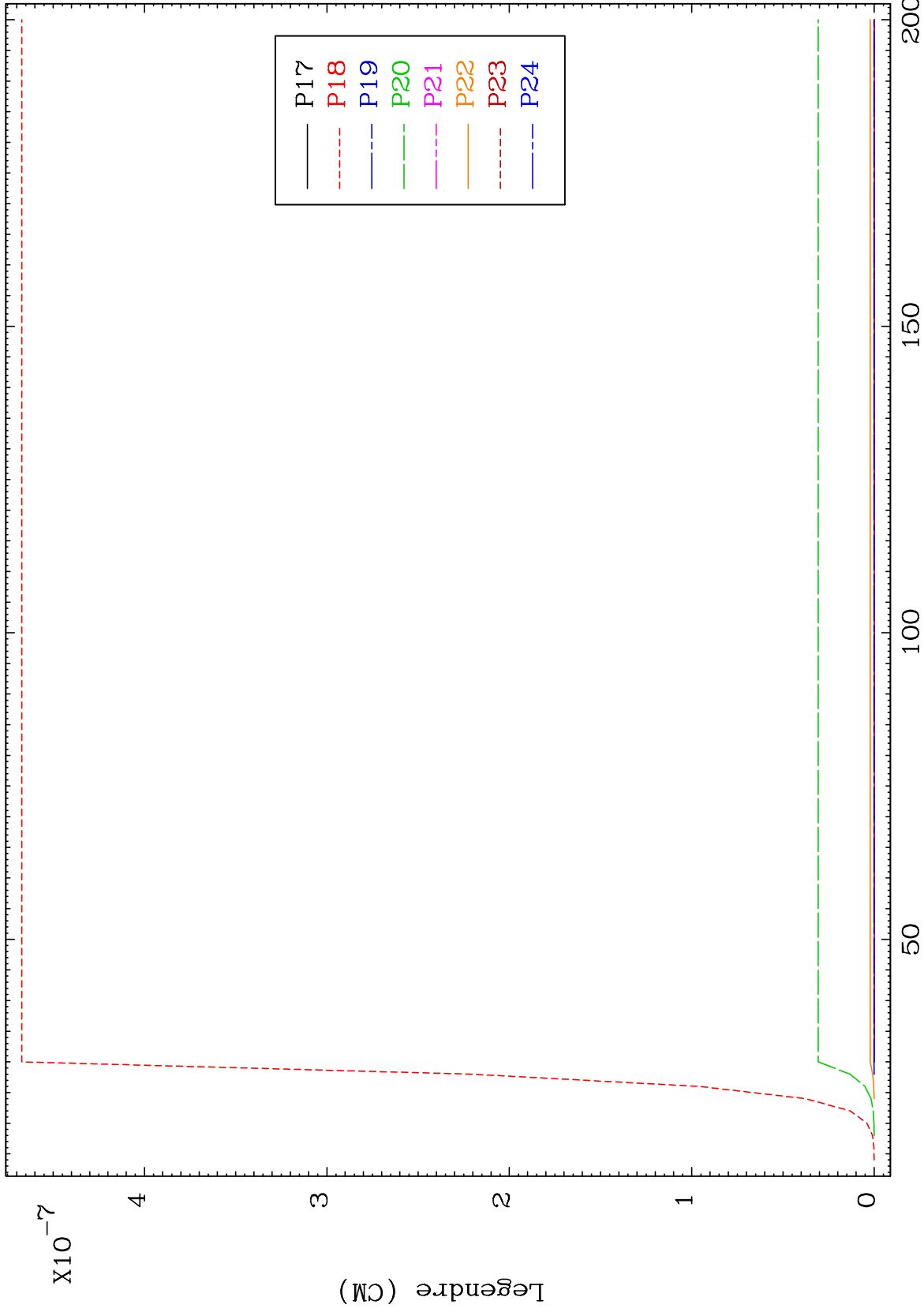
26-Fe-58



MAT 2637

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

26-Fe-58



99

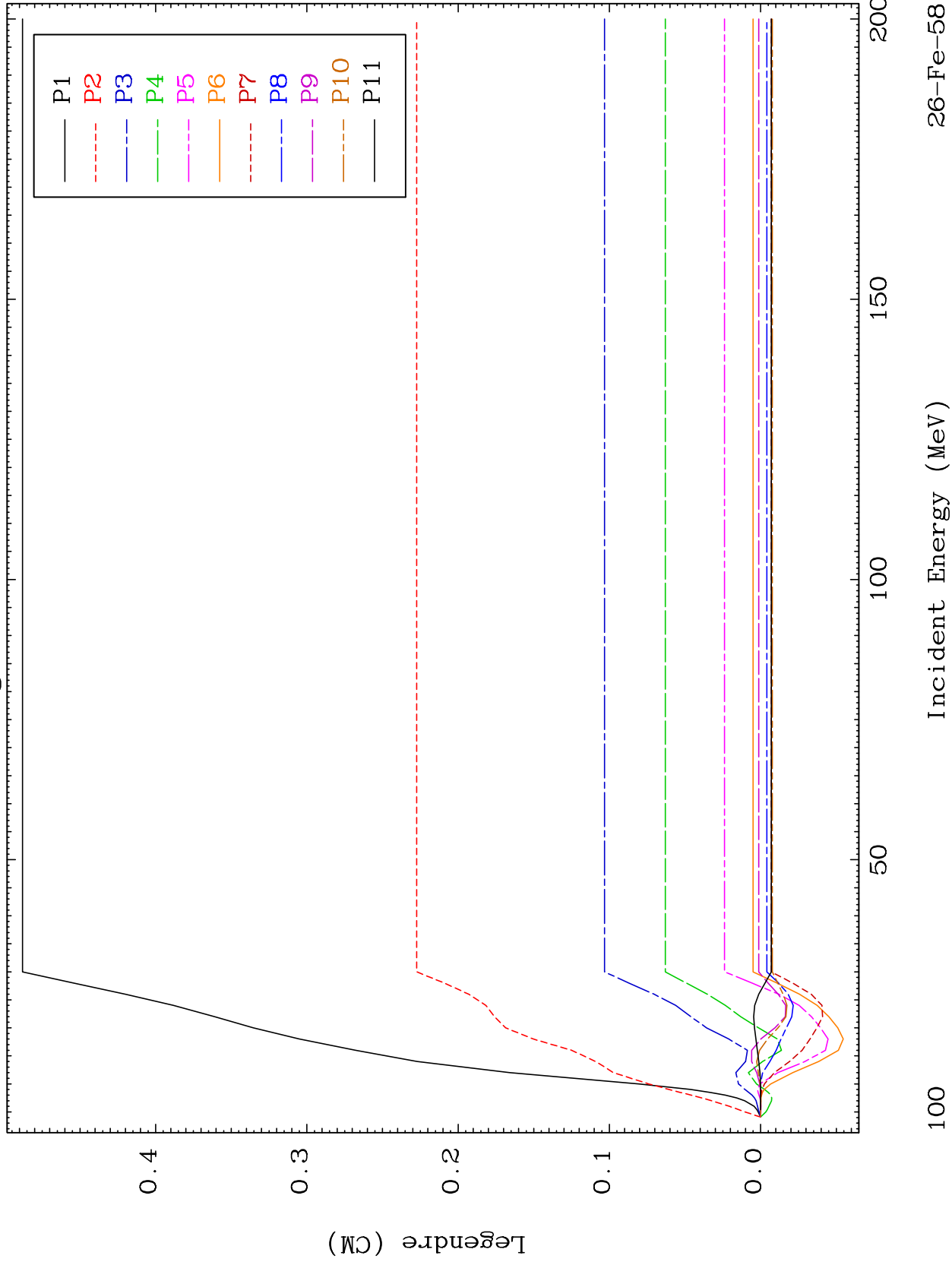
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

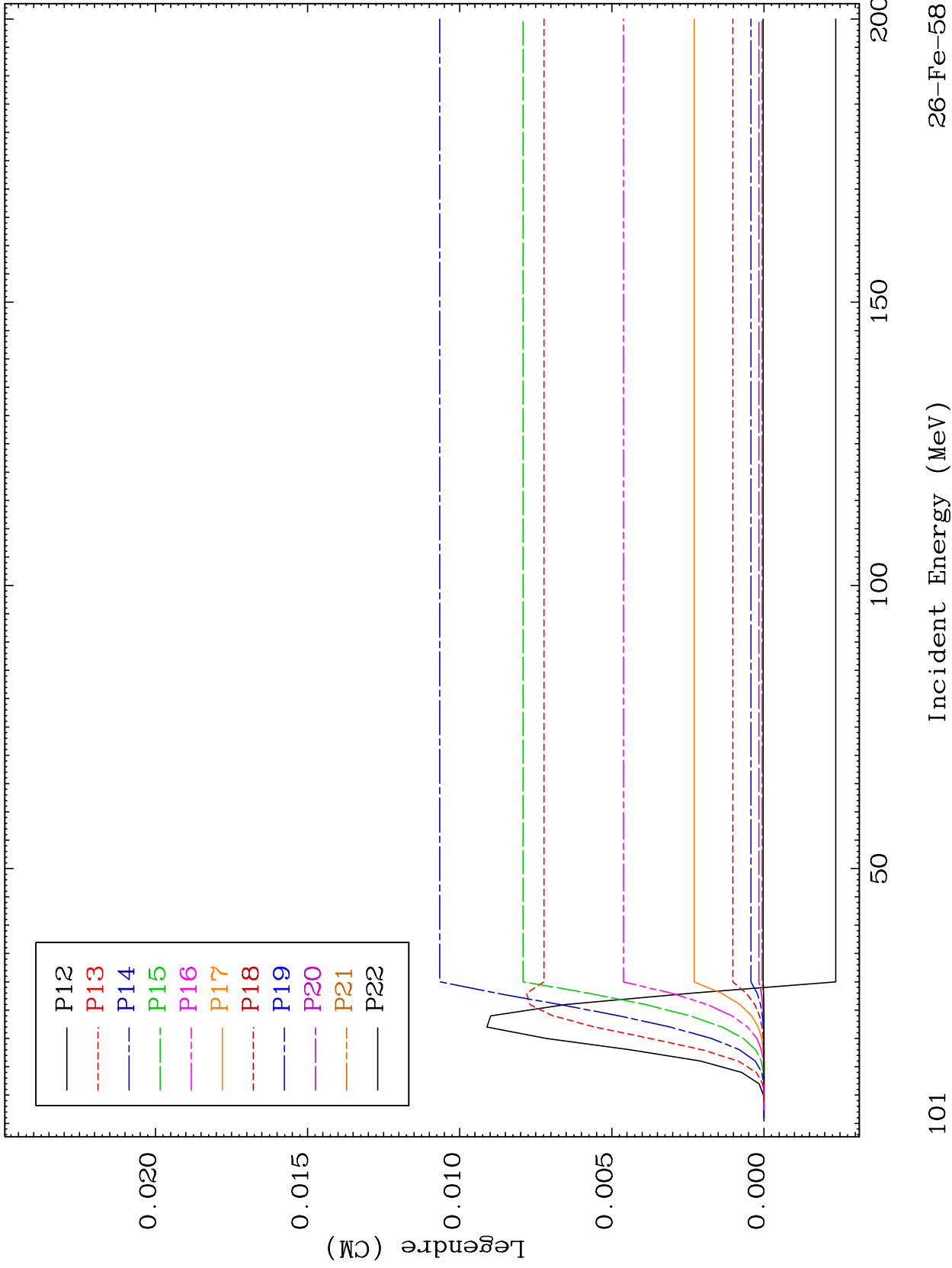
26-Fe-58



26-Fe-58

Incident Energy (MeV)

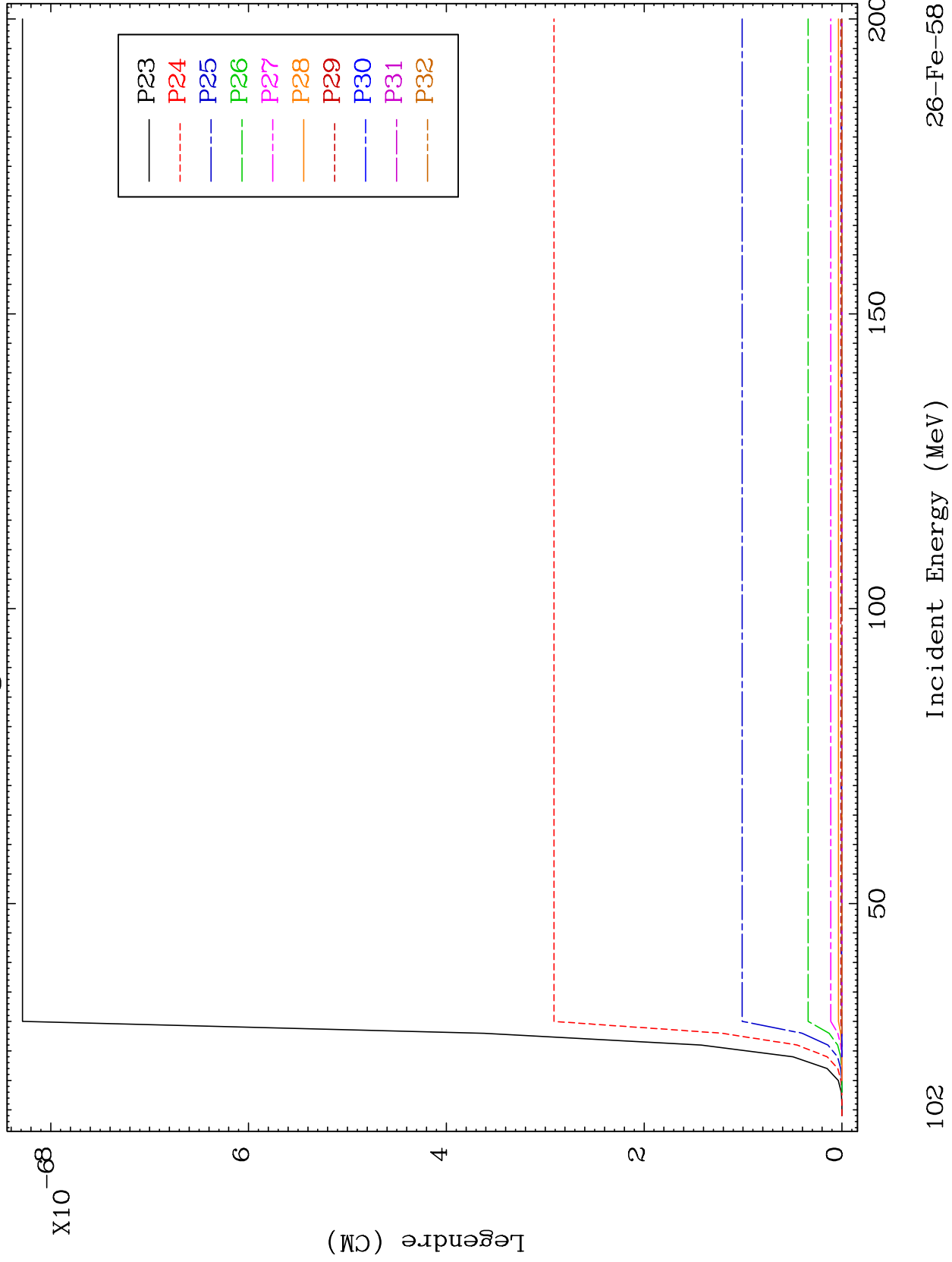
100



MAT 2637

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

26-Fe-58

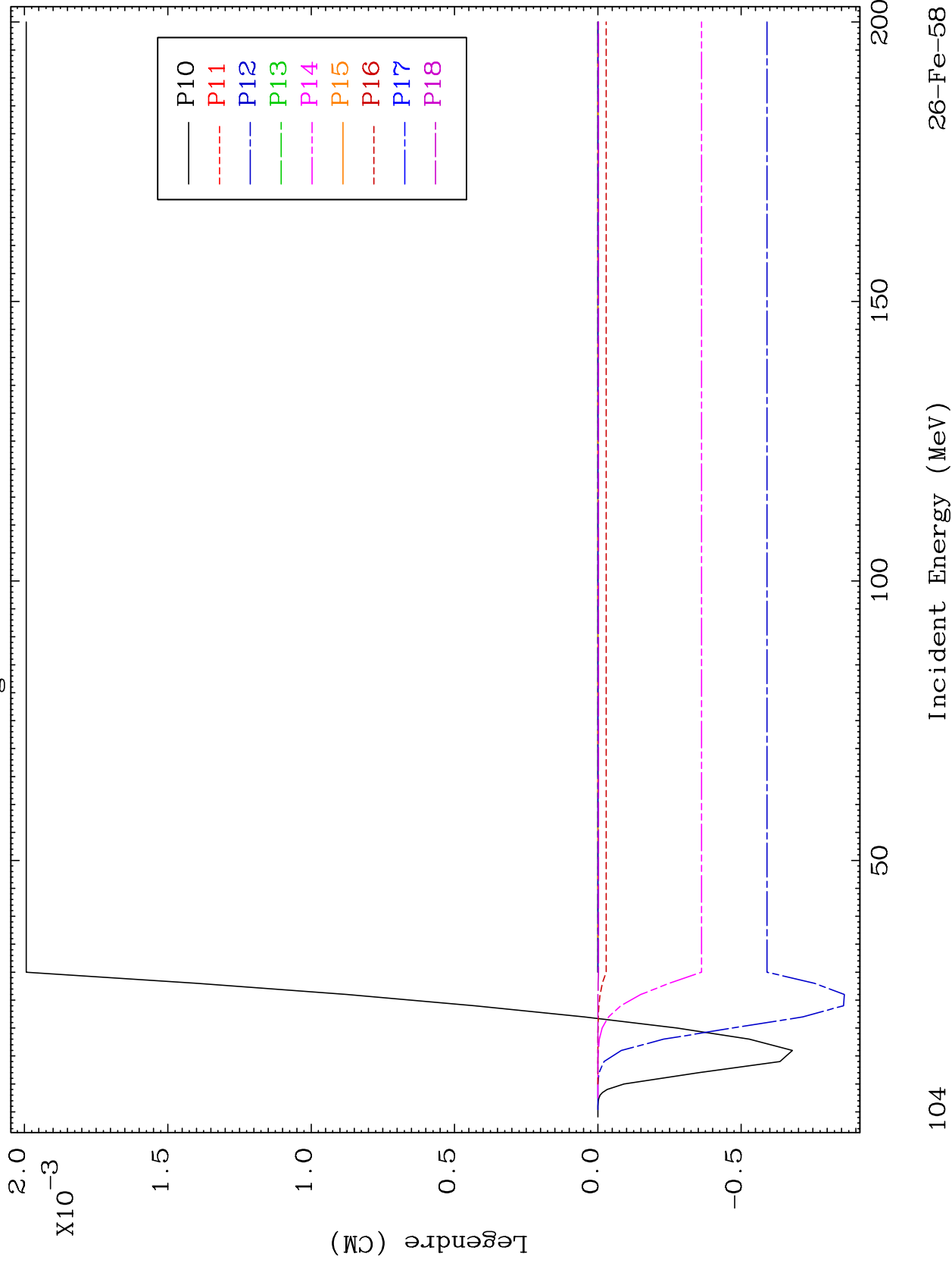




MAT 2637

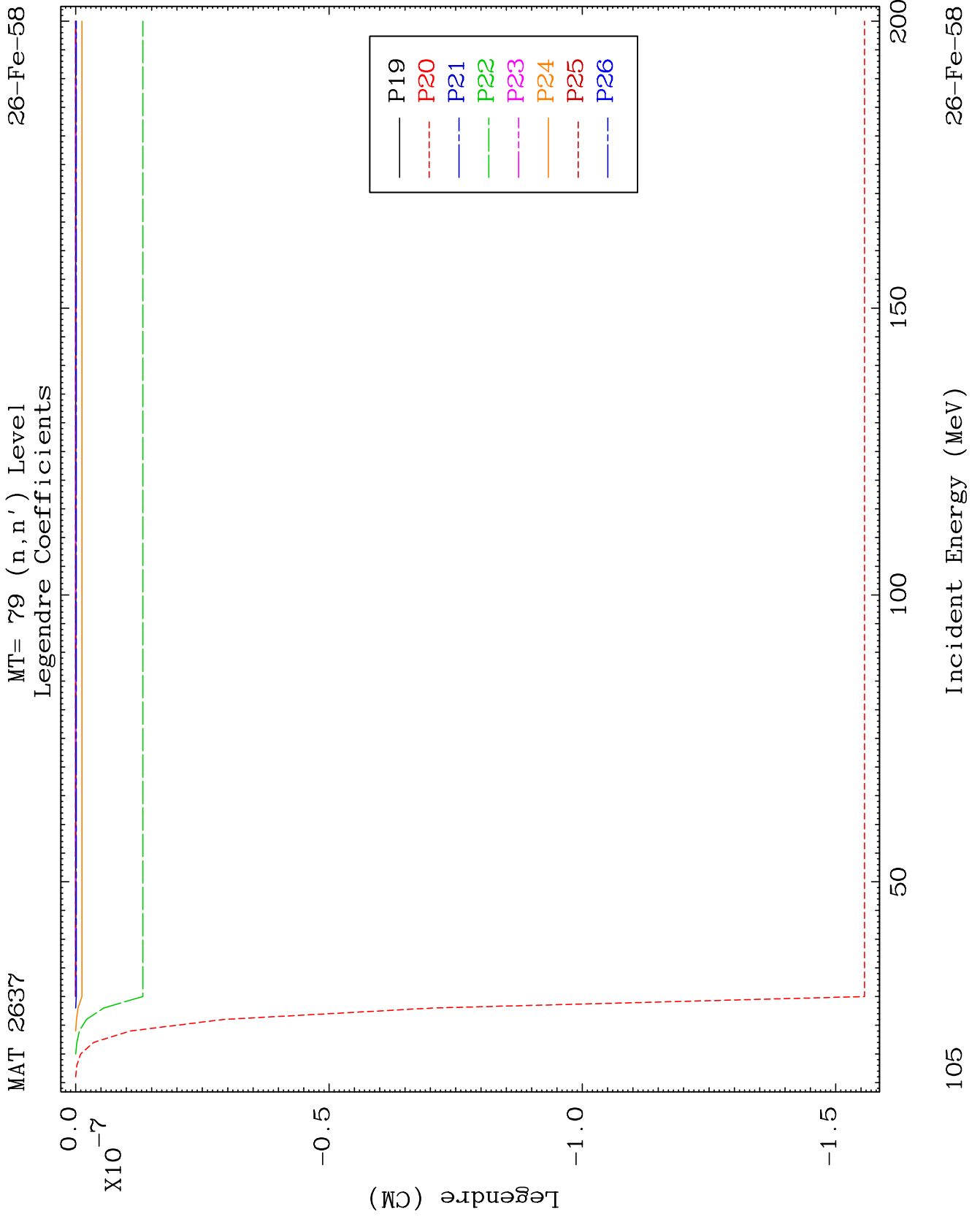
MT= 79 (n,n') Level  
Legendre Coefficients

26-Fe-58



104

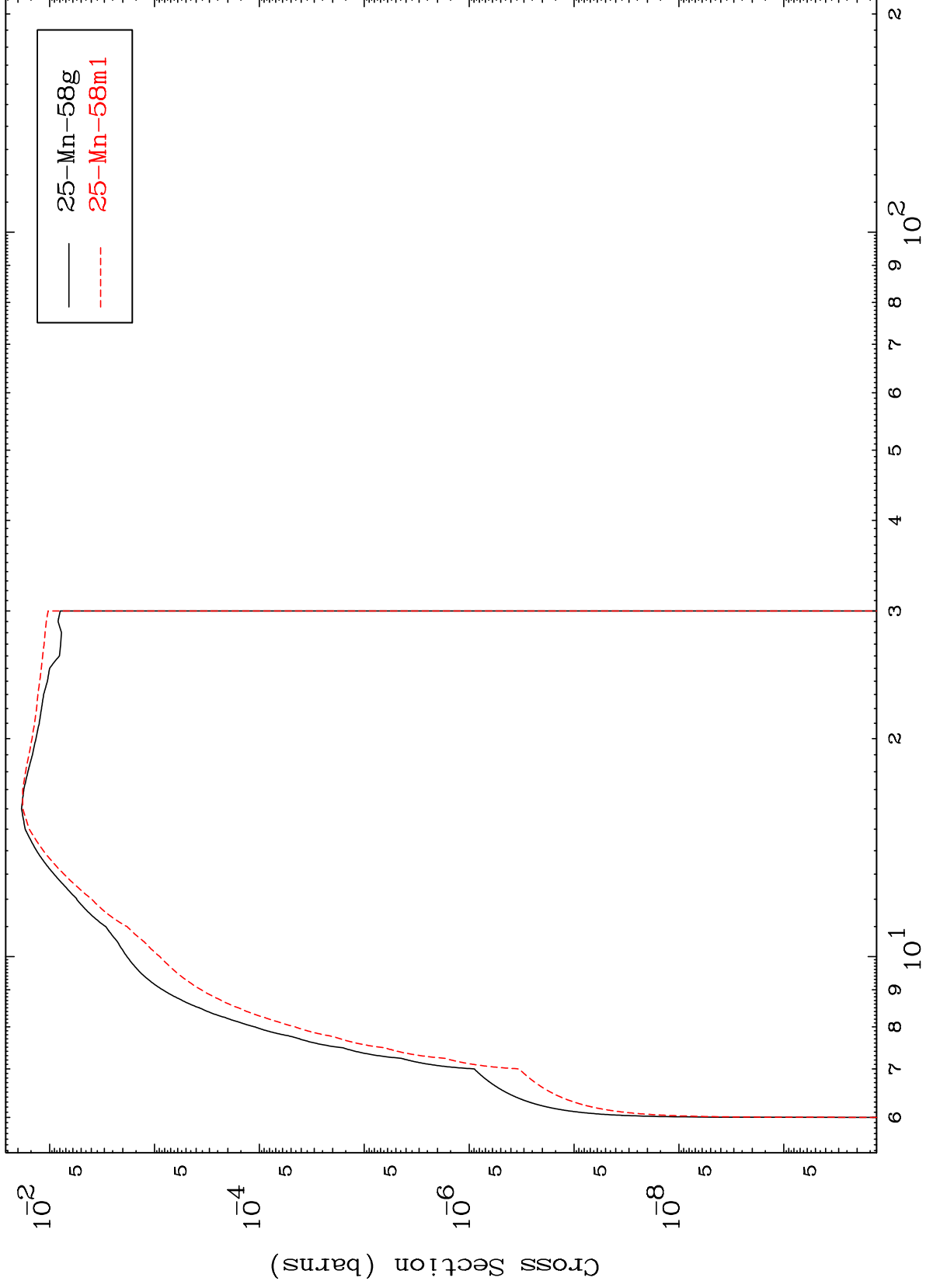
26-Fe-58



MAT 2637

26-Fe-58

(n,p)  
Radionuclide Production Cross Section



26-Fe-58

Incident Energy (MeV)

106