

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

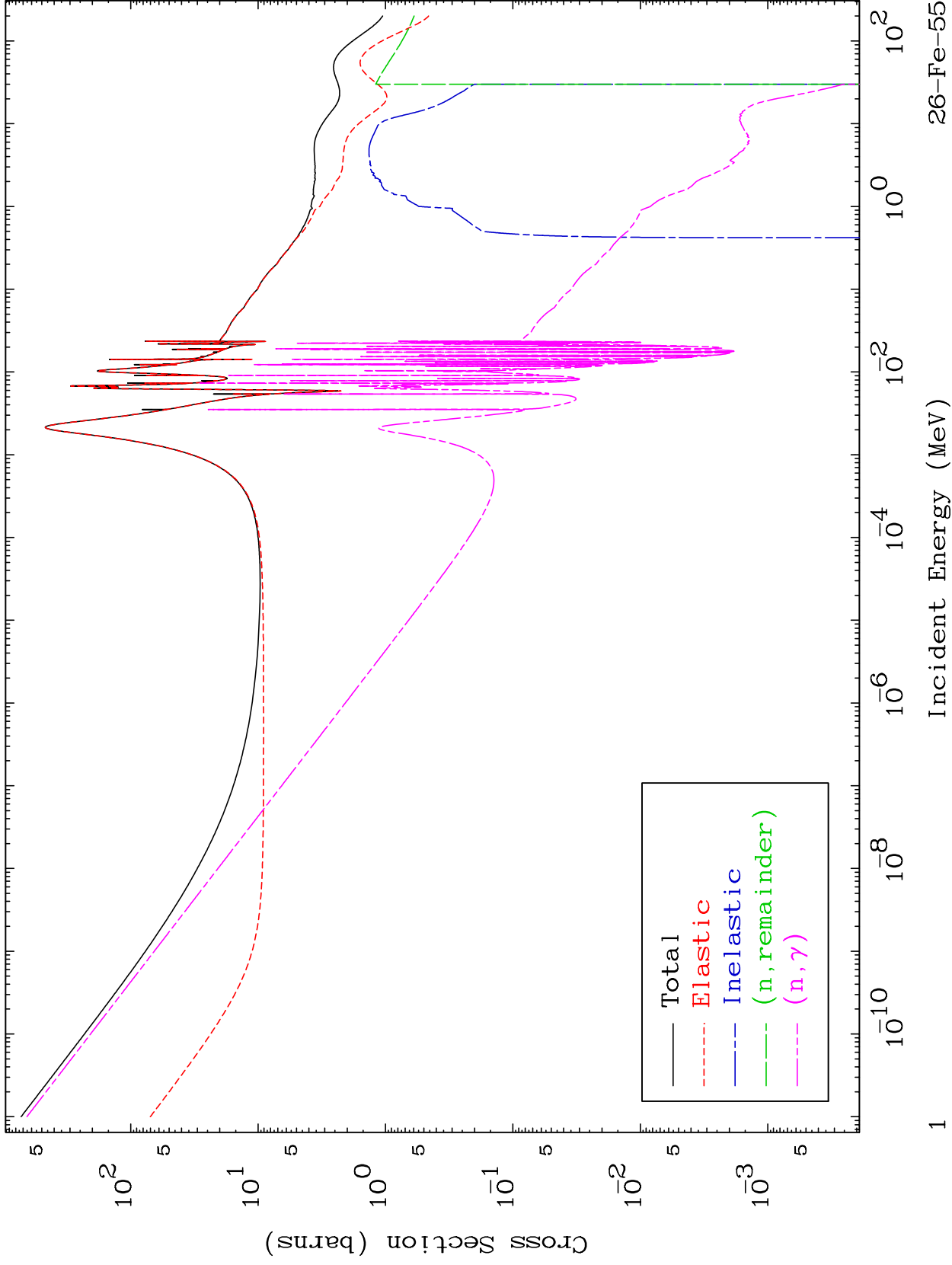
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2628

Major
293 Kelvin Cross Sections

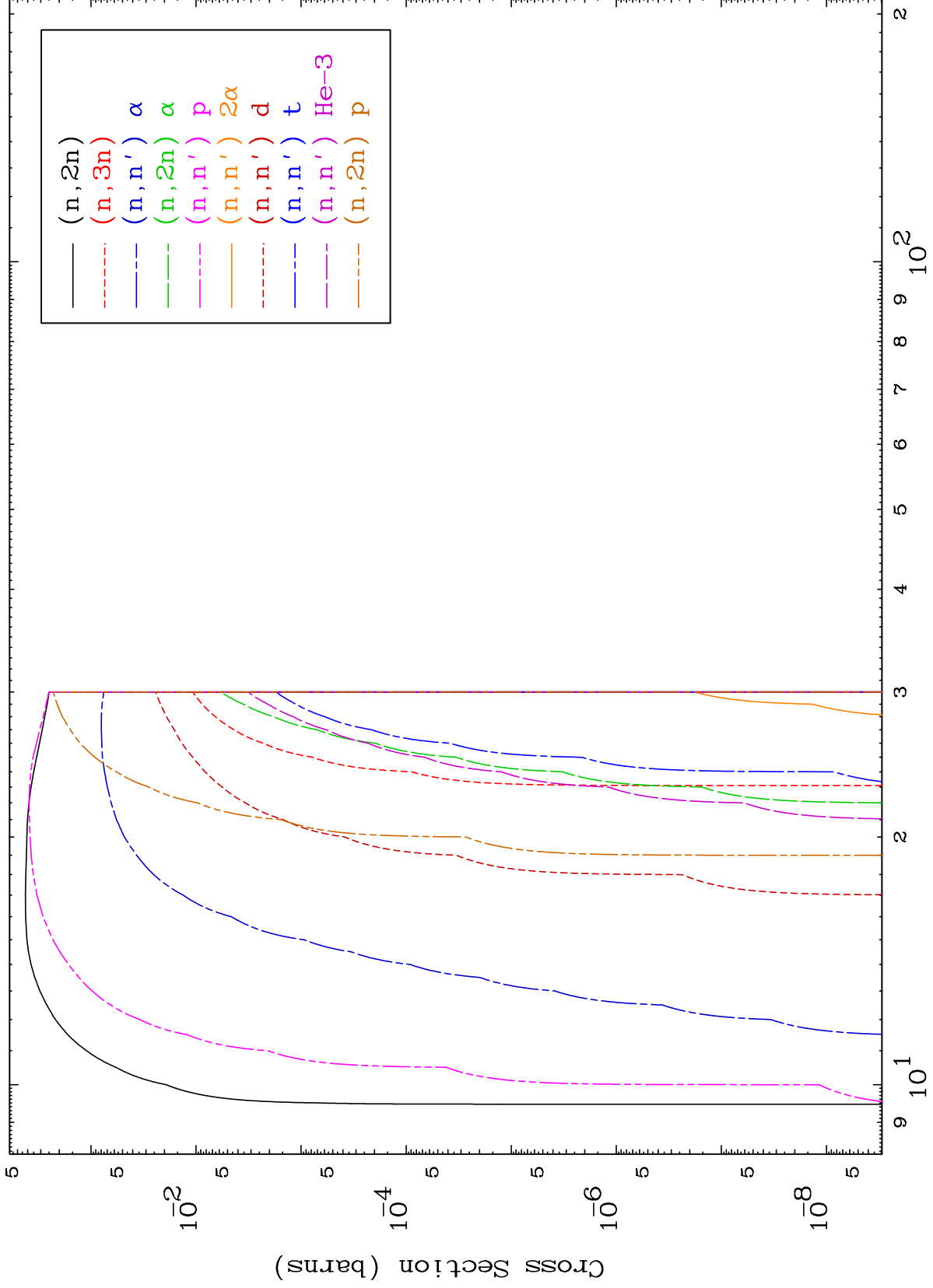
26-Fe-55



MAT 2628

Neutron Production
293 Kelvin Cross Sections

26-Fe-55



2

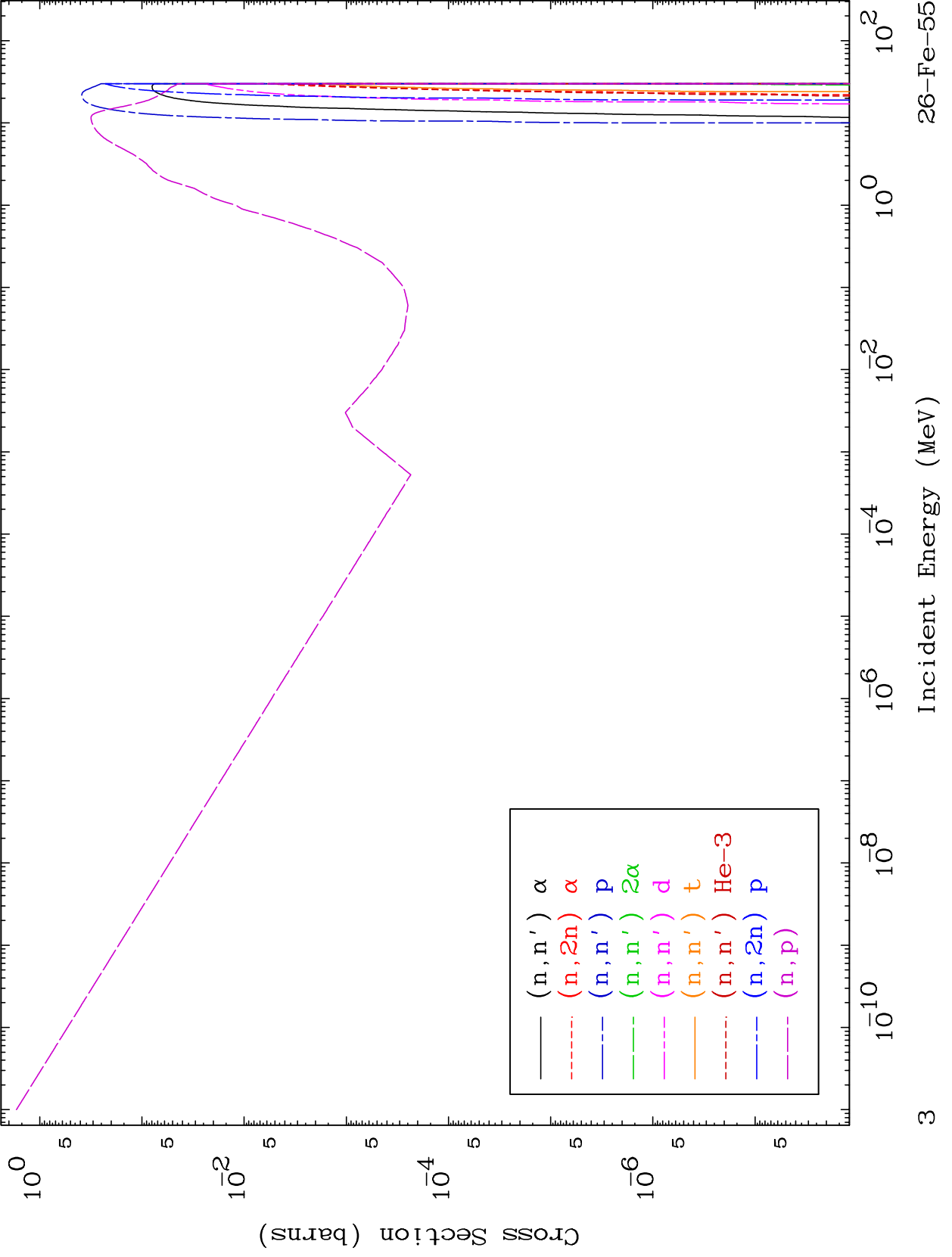
Incident Energy (MeV)

26-Fe-55

MAT 2628

Charged Particle
293 Kelvin Cross Sections

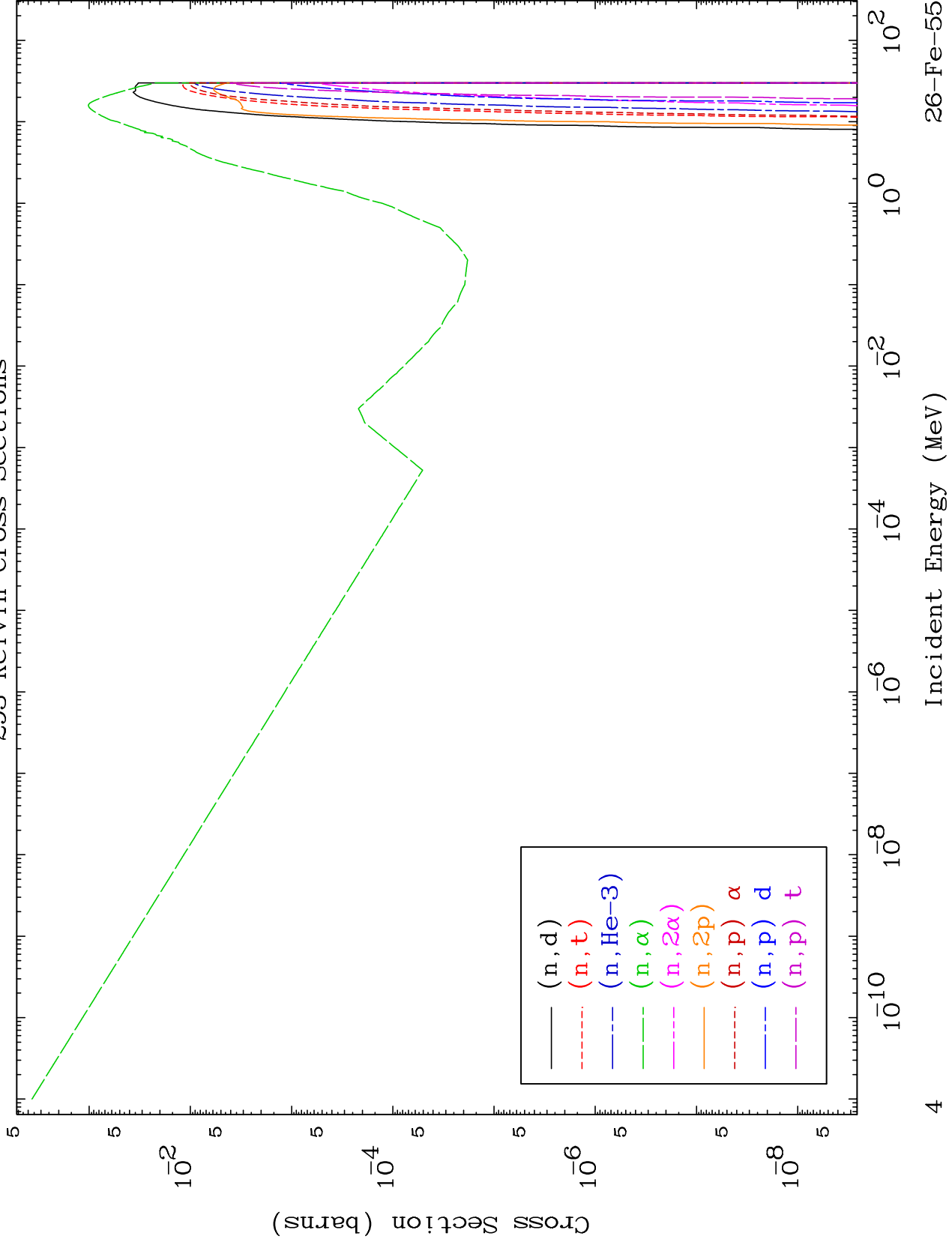
26-Fe-55



MAT 2628

Charged Particle
293 Kelvin Cross Sections

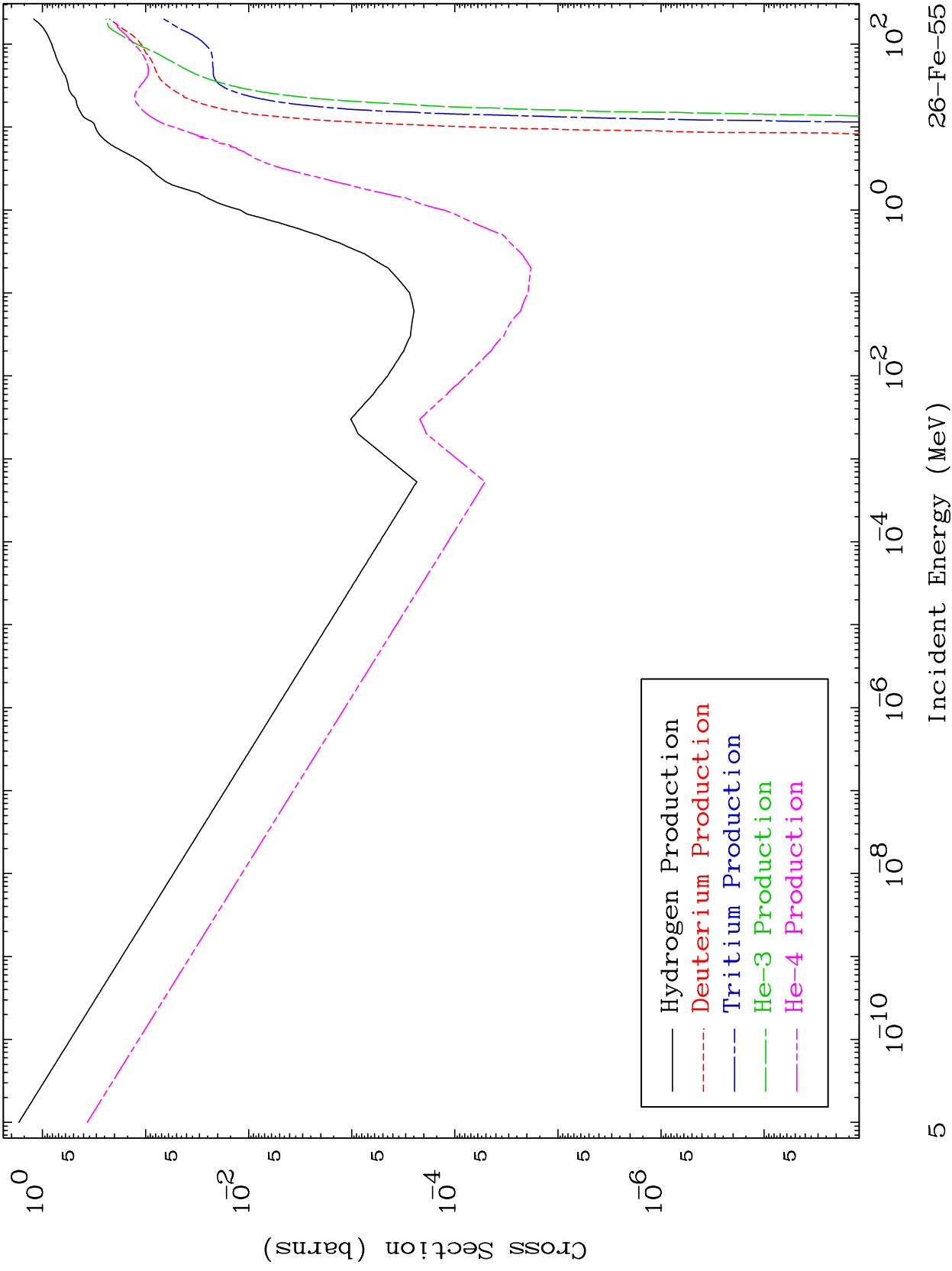
26-Fe-55



MAT 2628

Particle Production
293 Kelvin Cross Sections

26-Fe-55

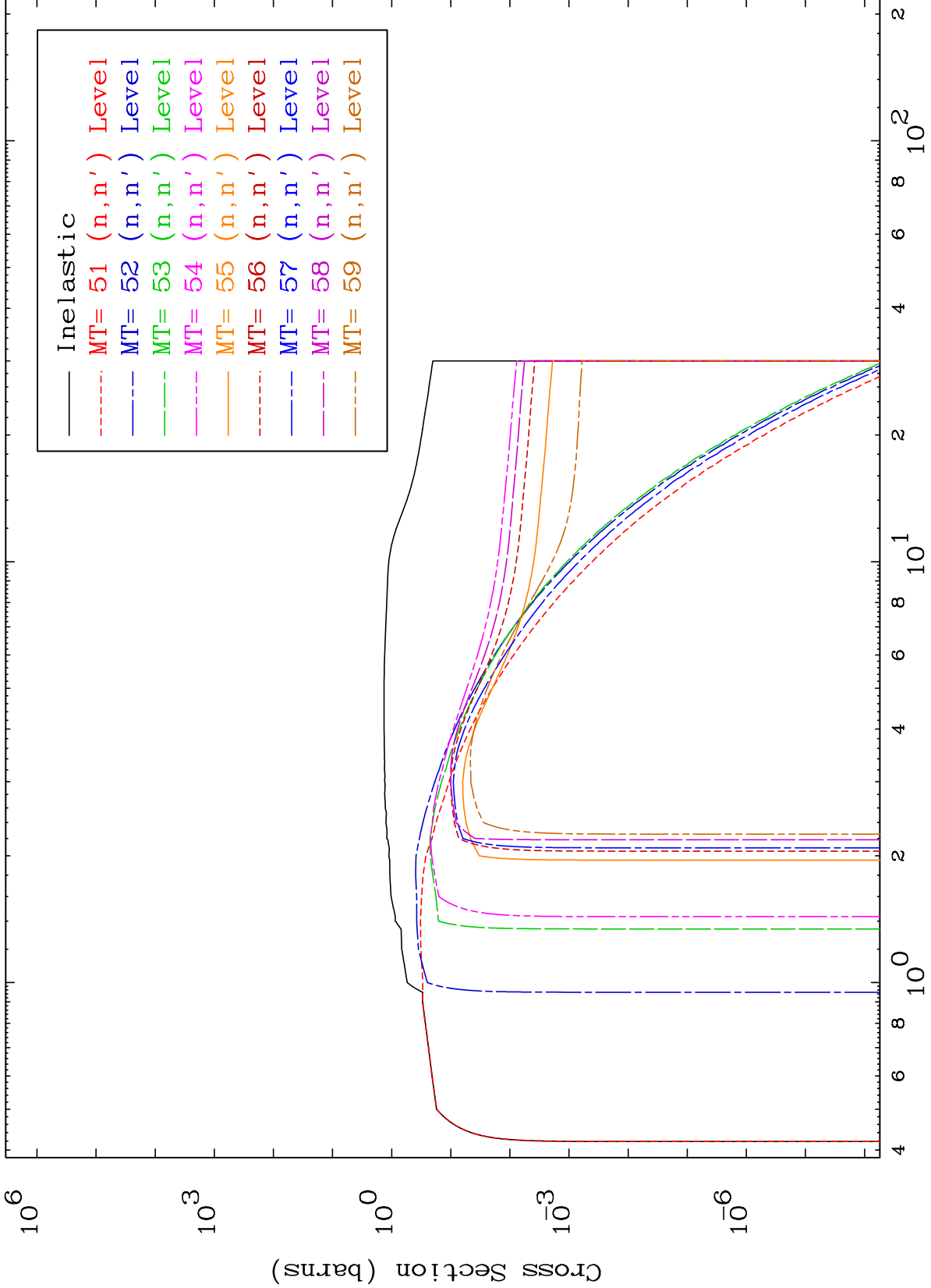


MAT 2628

(n,n') Level

26-Fe-55

293 Kelvin Cross Sections



6

Incident Energy (MeV)

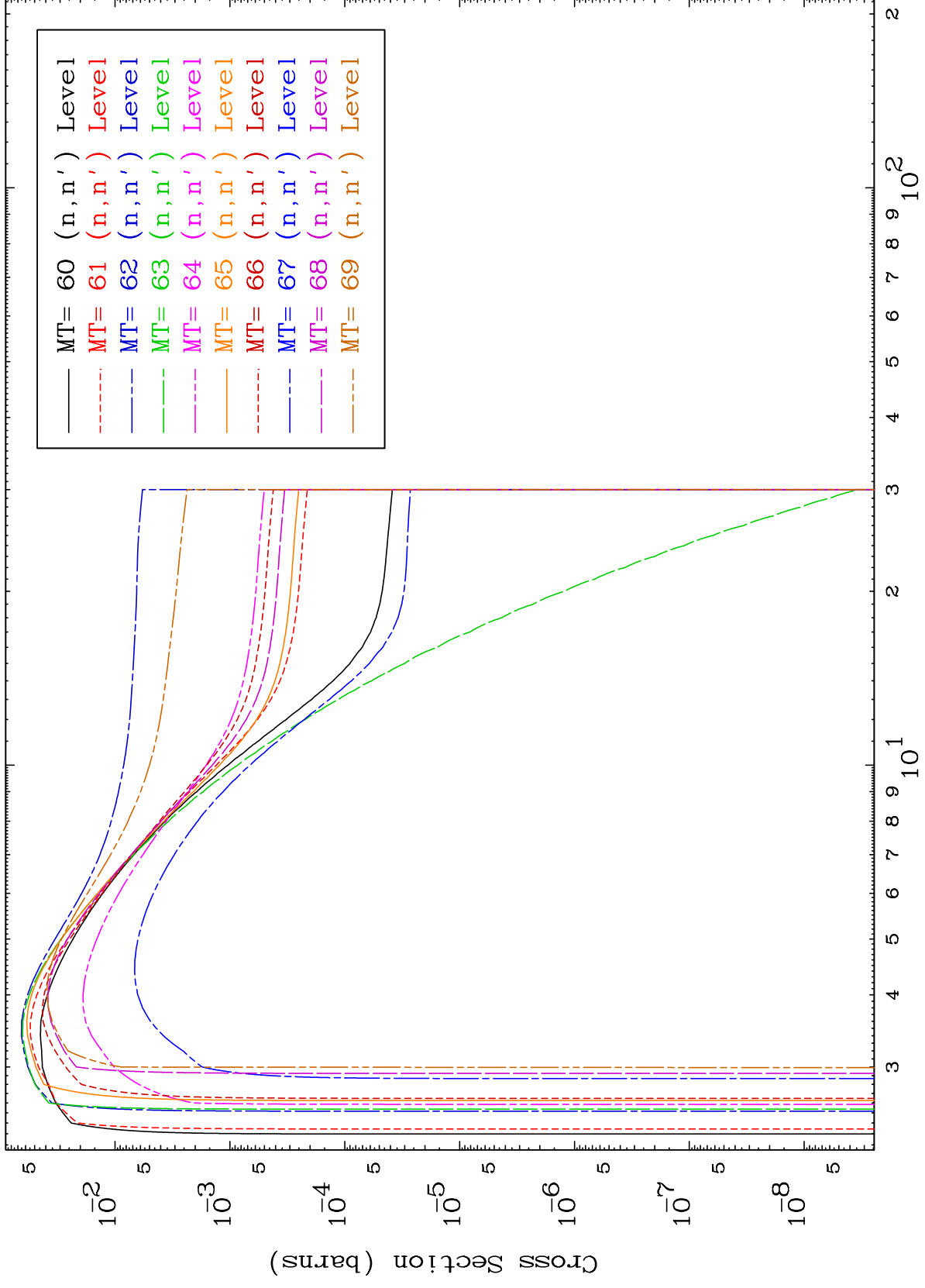
26-Fe-55

MAT 2628

(n,n') Level

26-Fe-55

293 Kelvin Cross Sections

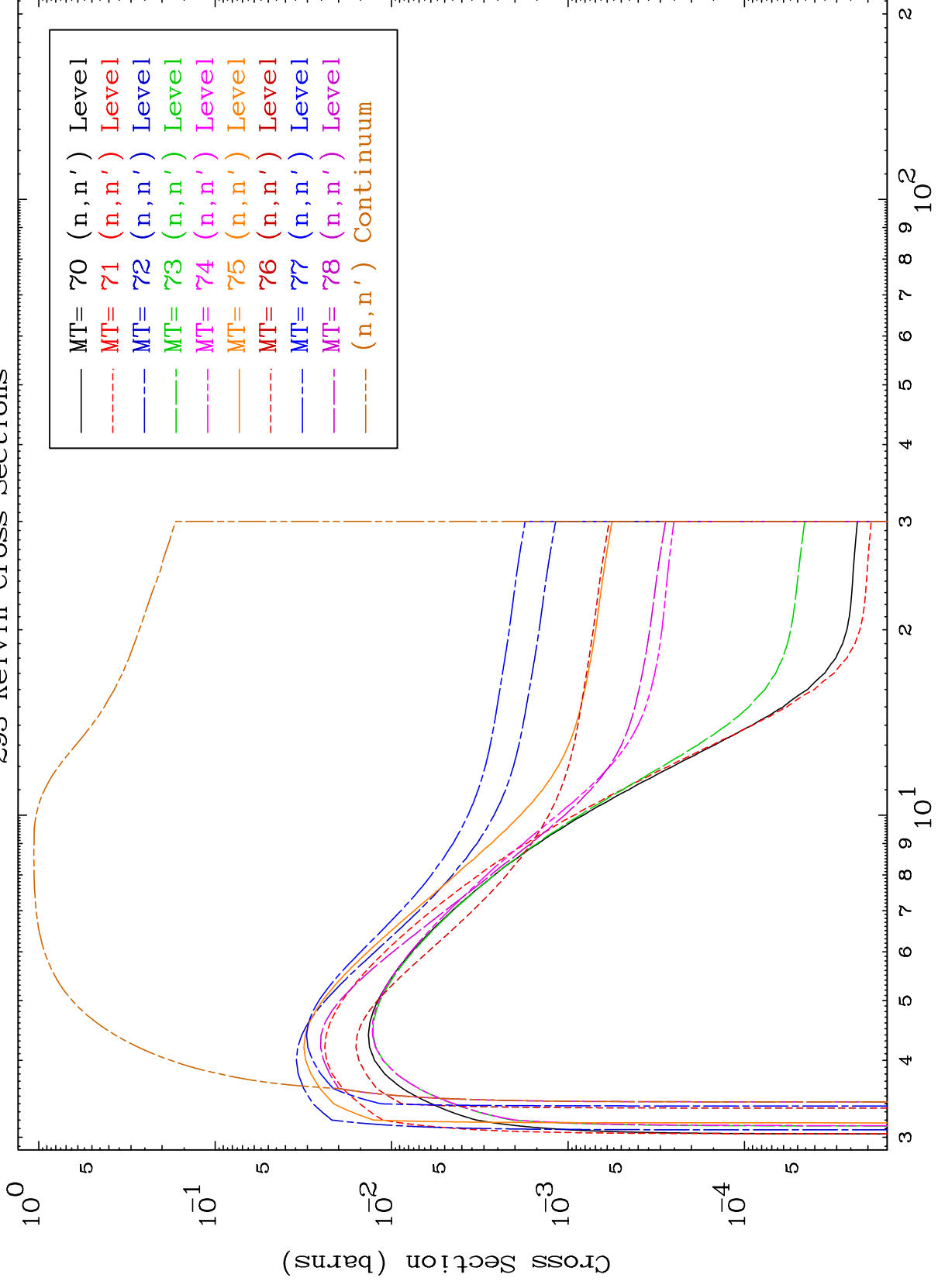


MAT 2628

(n,n') Level

26-Fe-55

293 Kelvin Cross Sections



Incident Energy (MeV)

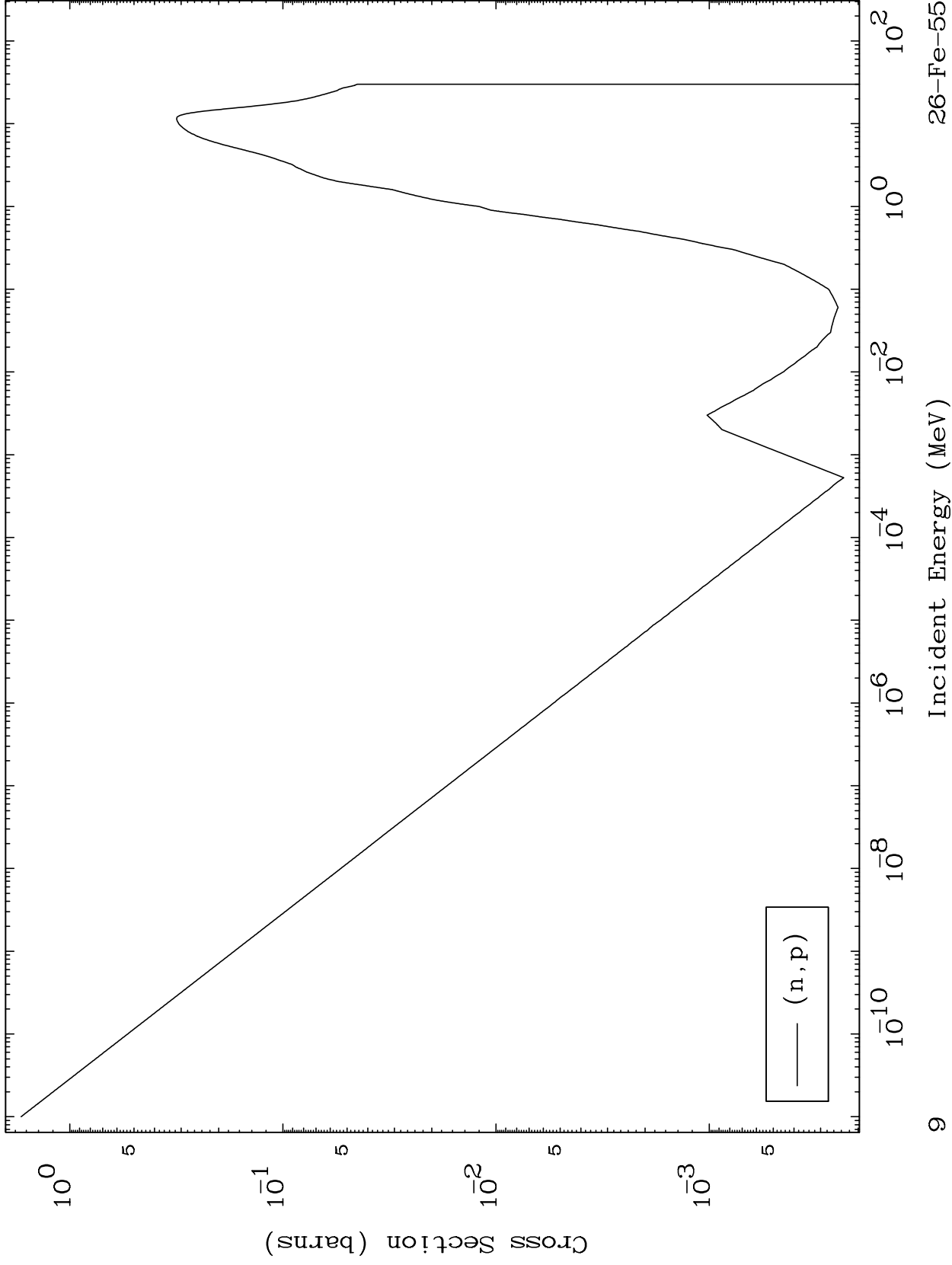
26-Fe-55

8

MAT 2628

(n,p) Levels
293 Kelvin Cross Sections

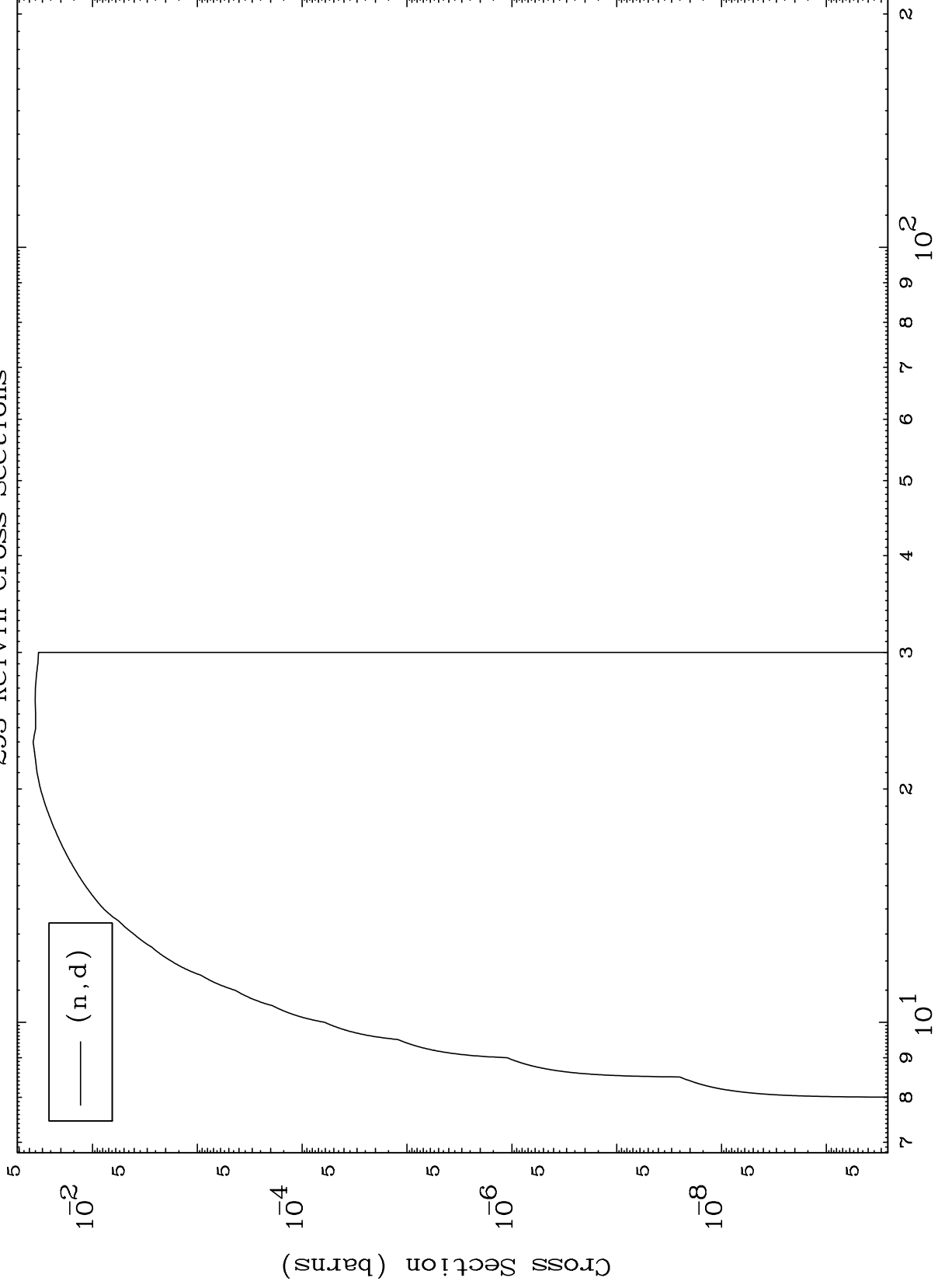
26-Fe-55



MAT 2628

(n,d) Levels
293 Kelvin Cross Sections

26-Fe-55



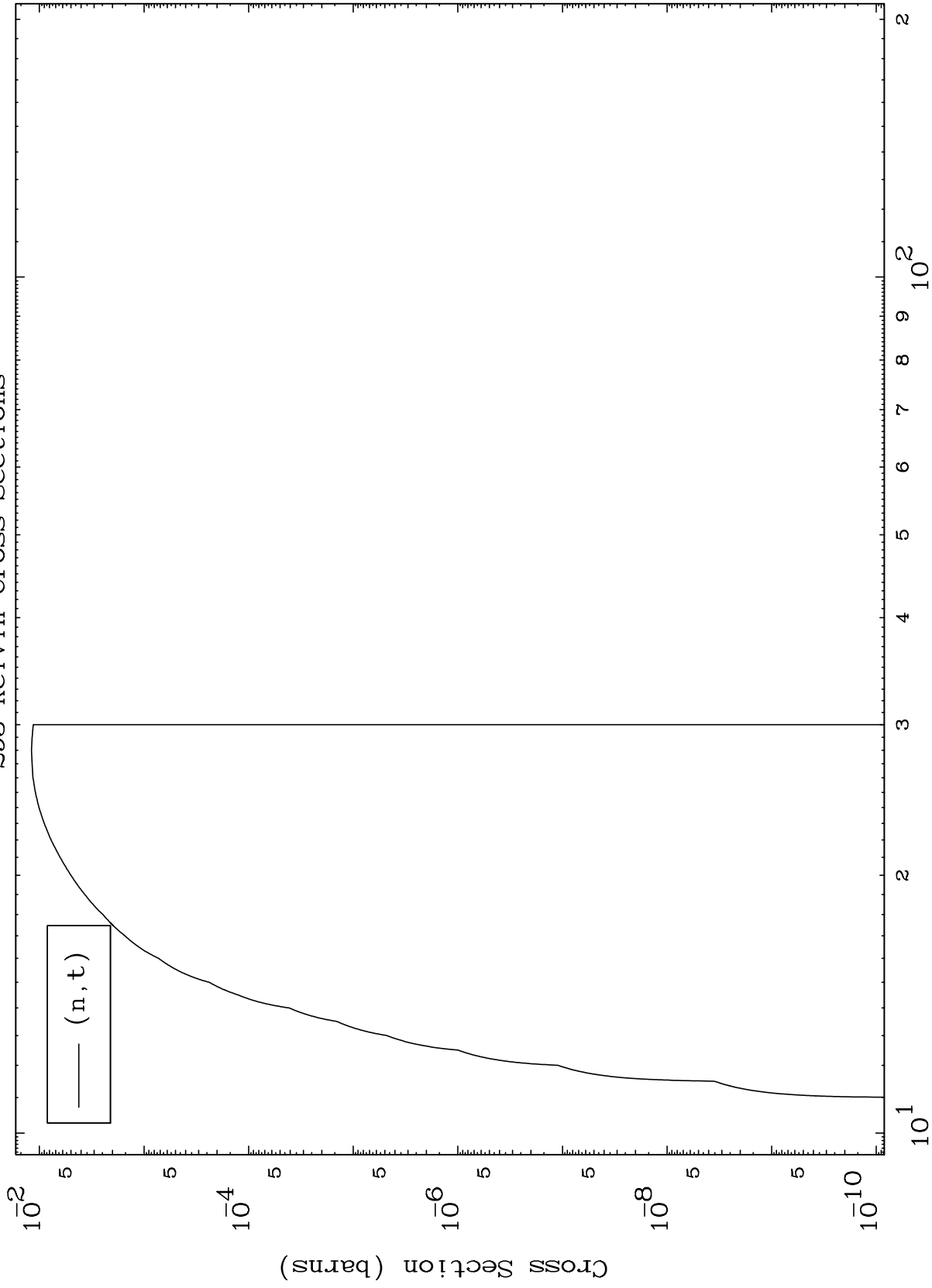
Incident Energy (MeV)

26-Fe-55

MAT 2628

(n,t) Levels
293 Kelvin Cross Sections

26-Fe-55



Incident Energy (MeV)

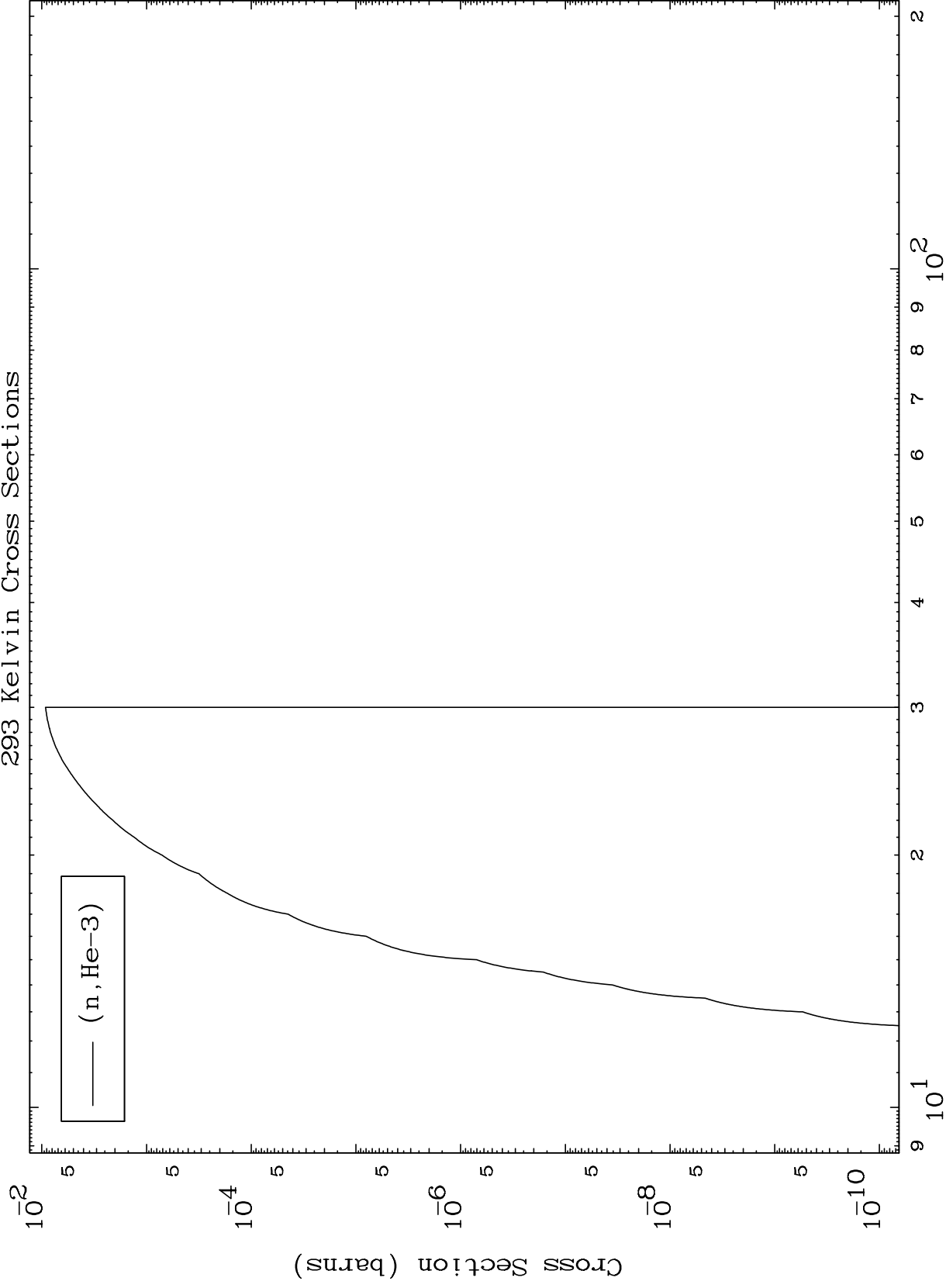
26-Fe-55

11

MAT 2628

(n,He3) Levels
293 Kelvin Cross Sections

26-Fe-55



Incident Energy (MeV)

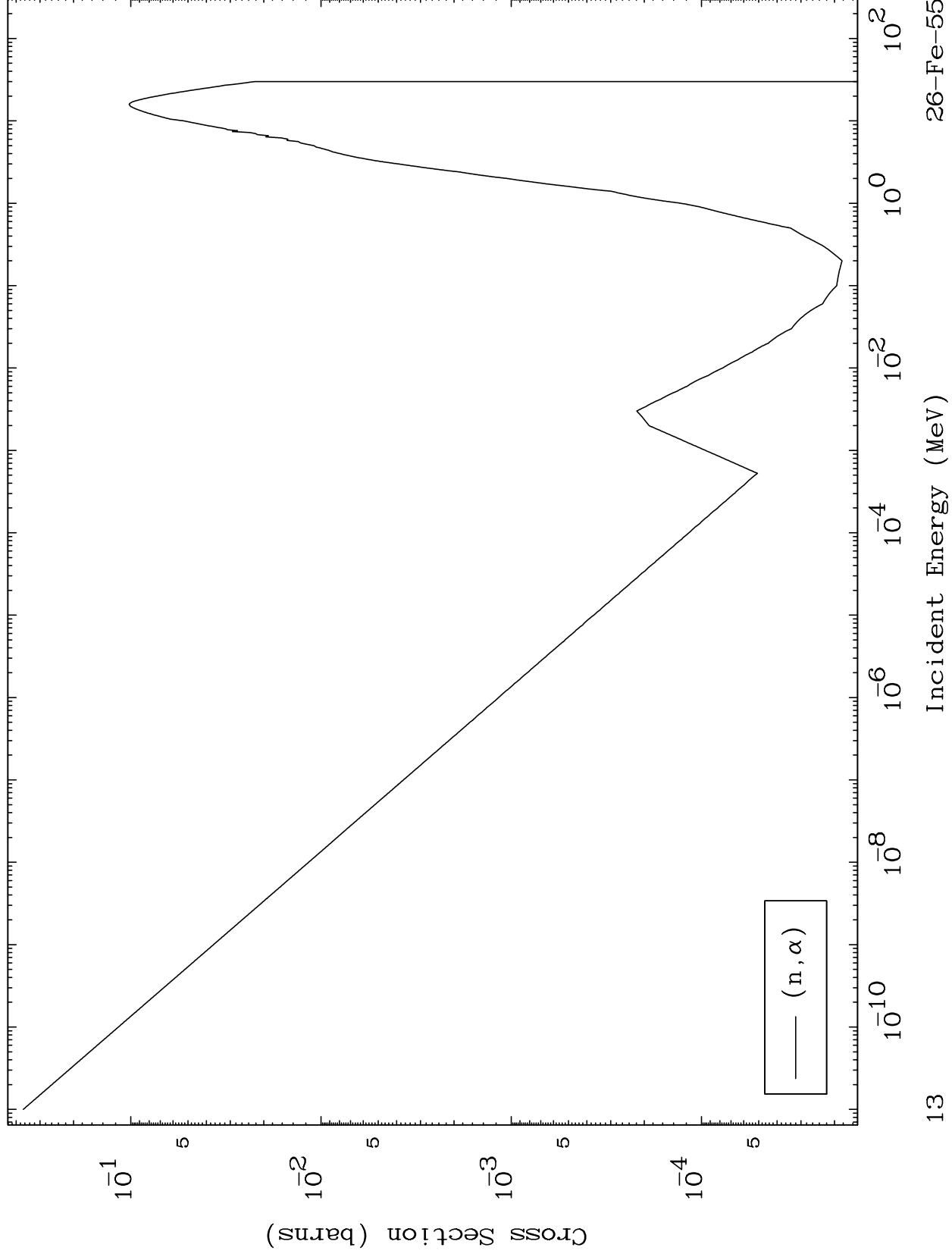
26-Fe-55

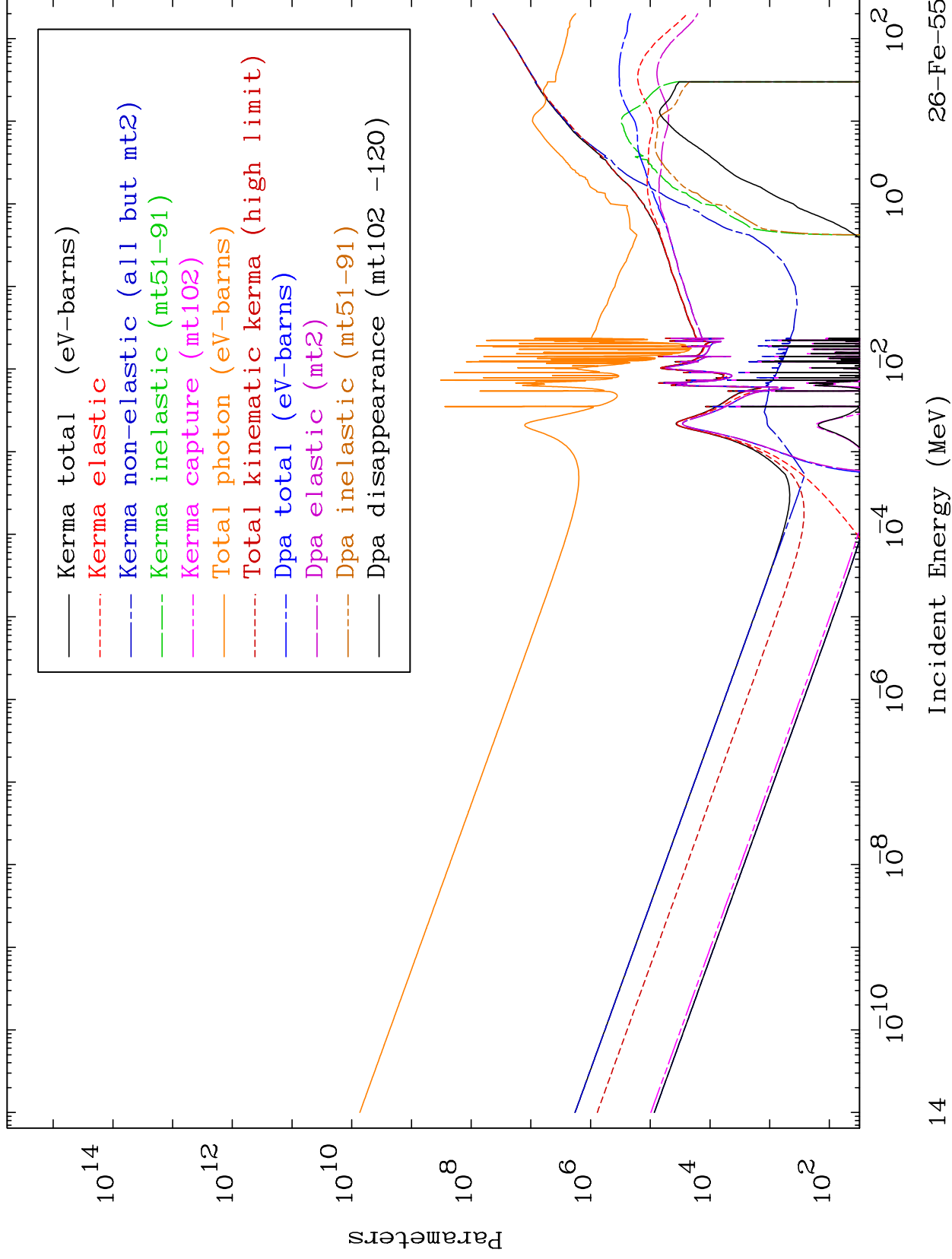
12

MAT 2628

(n, α) Levels
293 Kelvin Cross Sections

26-Fe-55

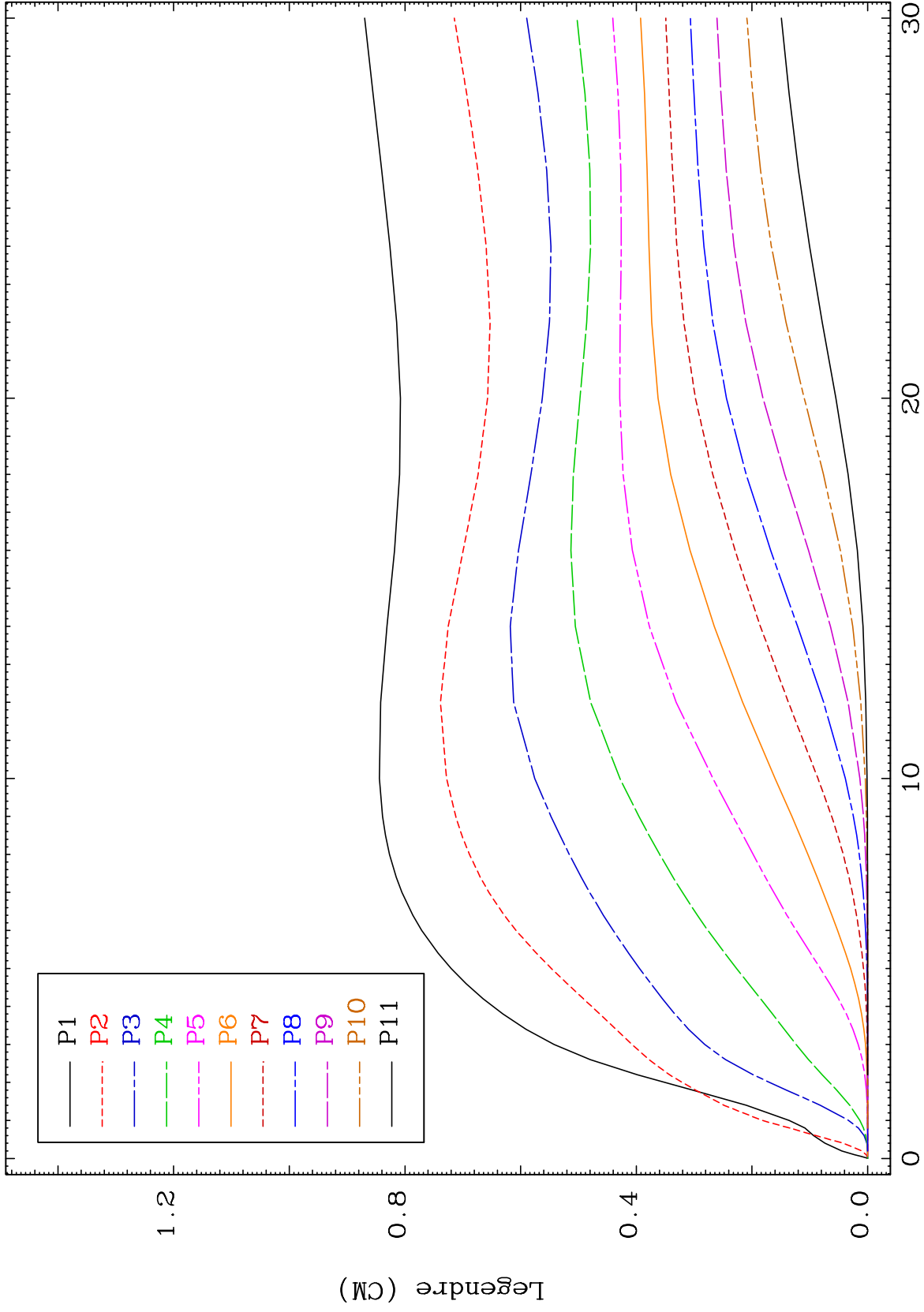




MAT 2628

Elastic Legendre Coefficients

²⁶Fe-55



15

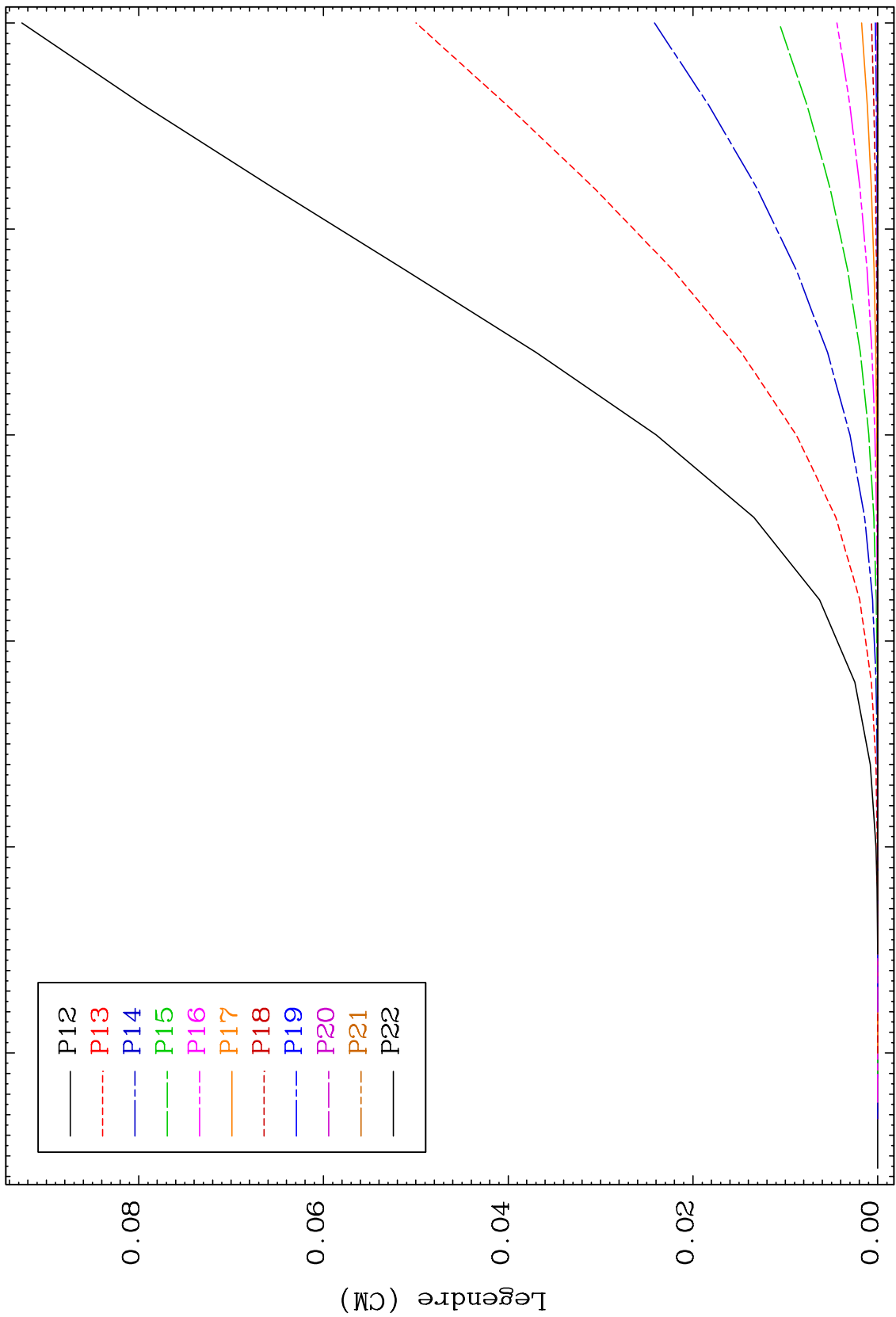
Incident Energy (MeV)

²⁶Fe-55

MAT 2628

Elastic
Legendre Coefficients

26-Fe-55



16

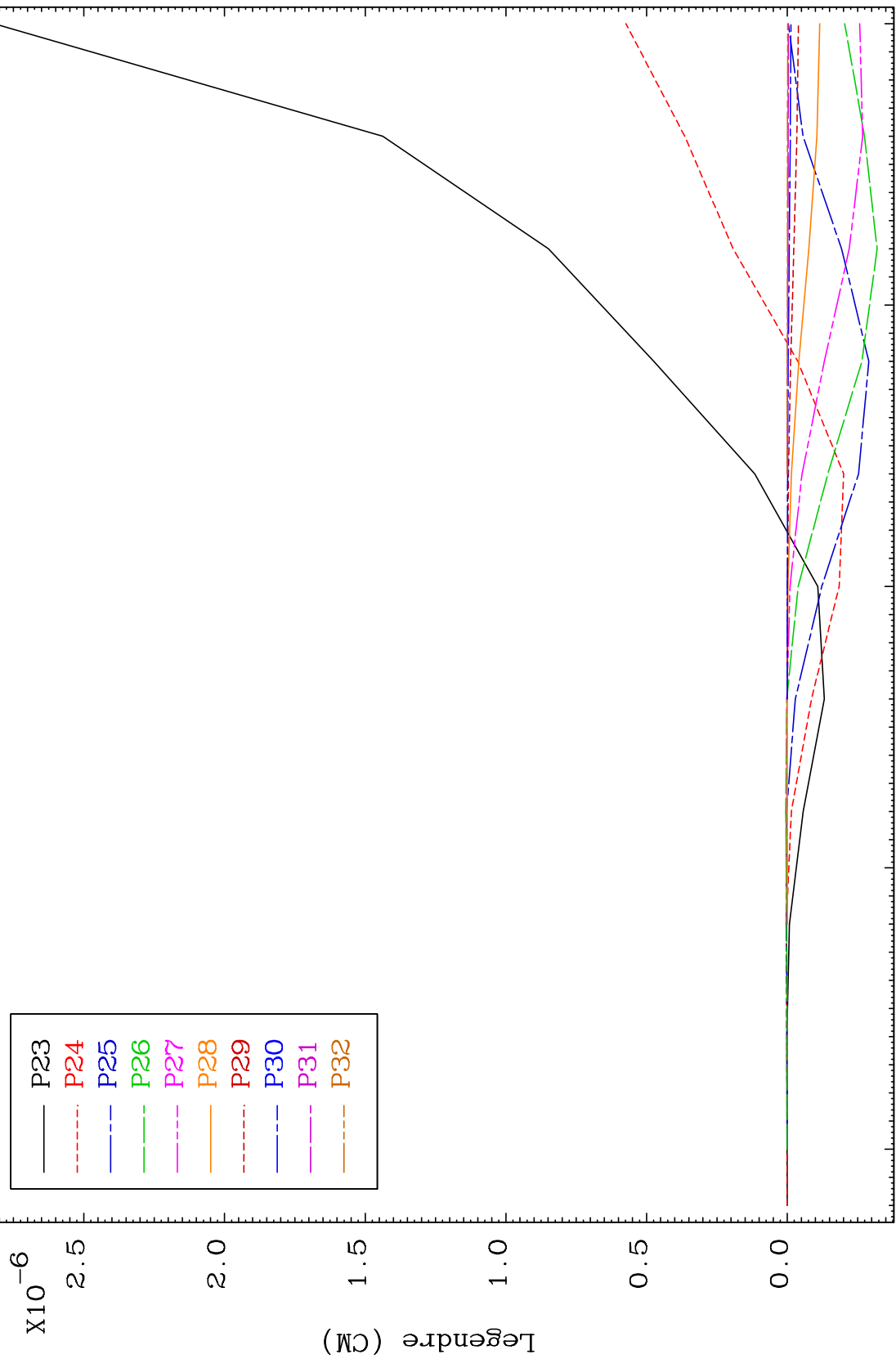
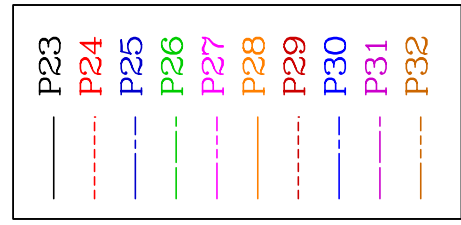
Incident Energy (MeV)

26-Fe-55

MAT 2628

Elastic Legendre Coefficients

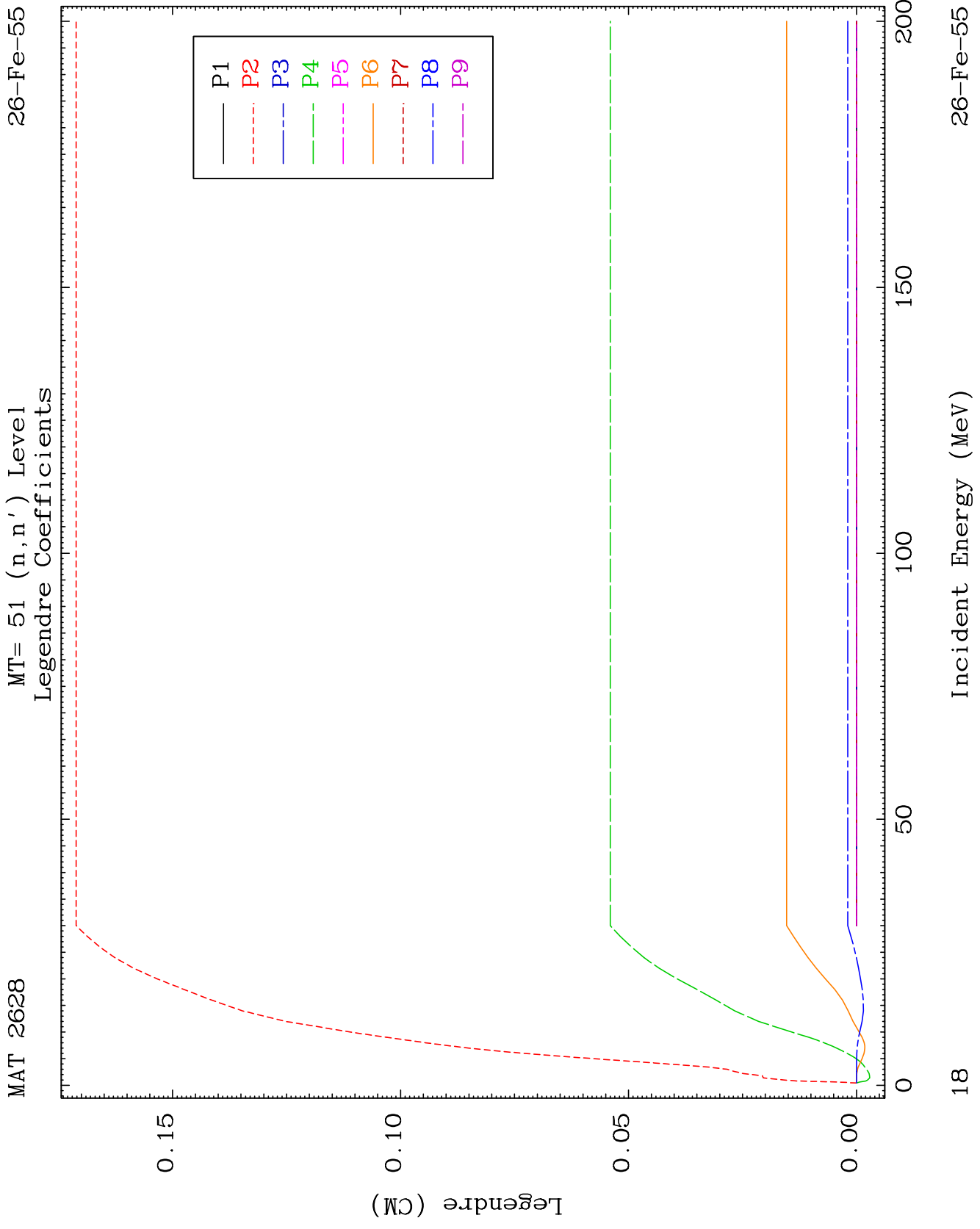
26-Fe-55

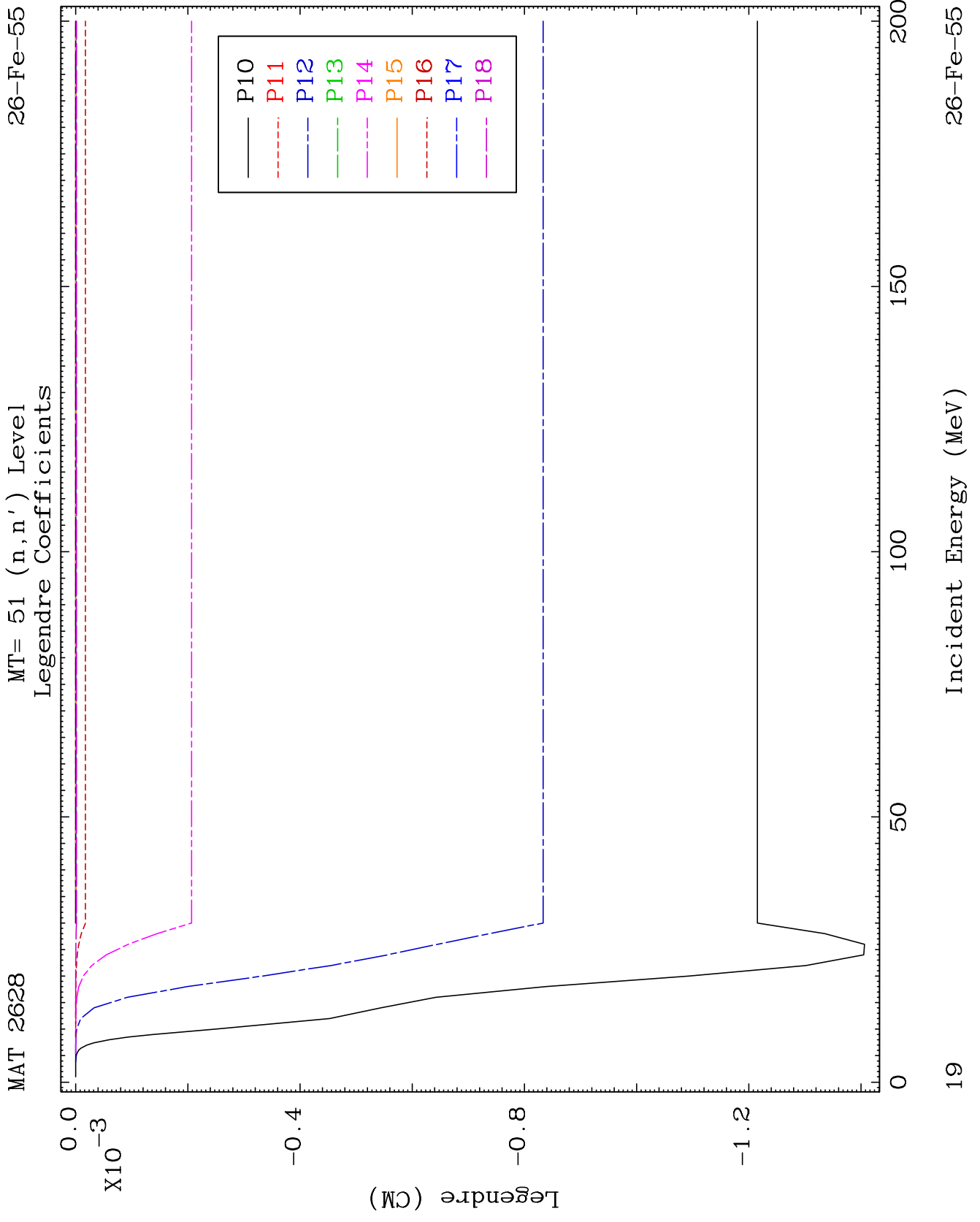


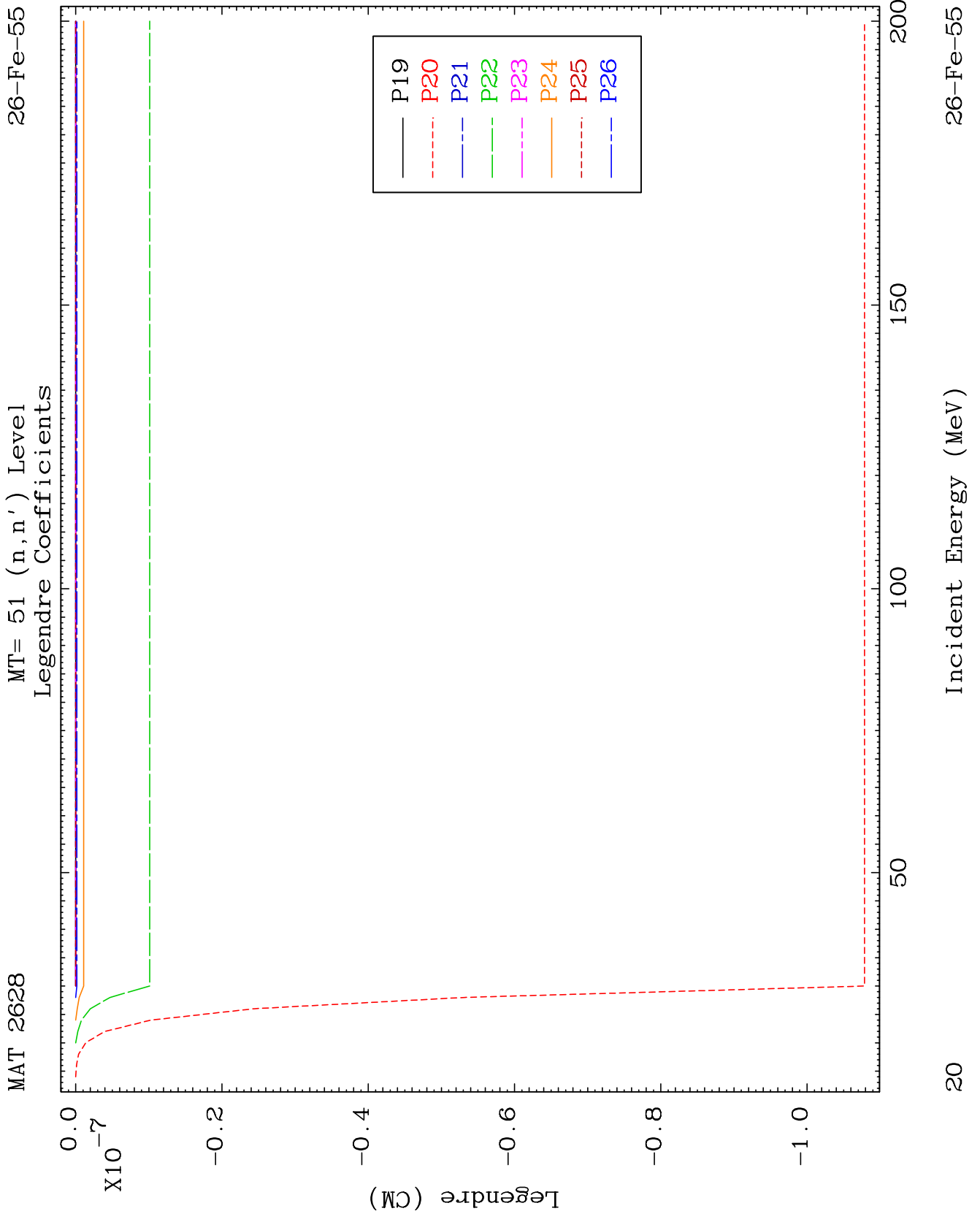
17

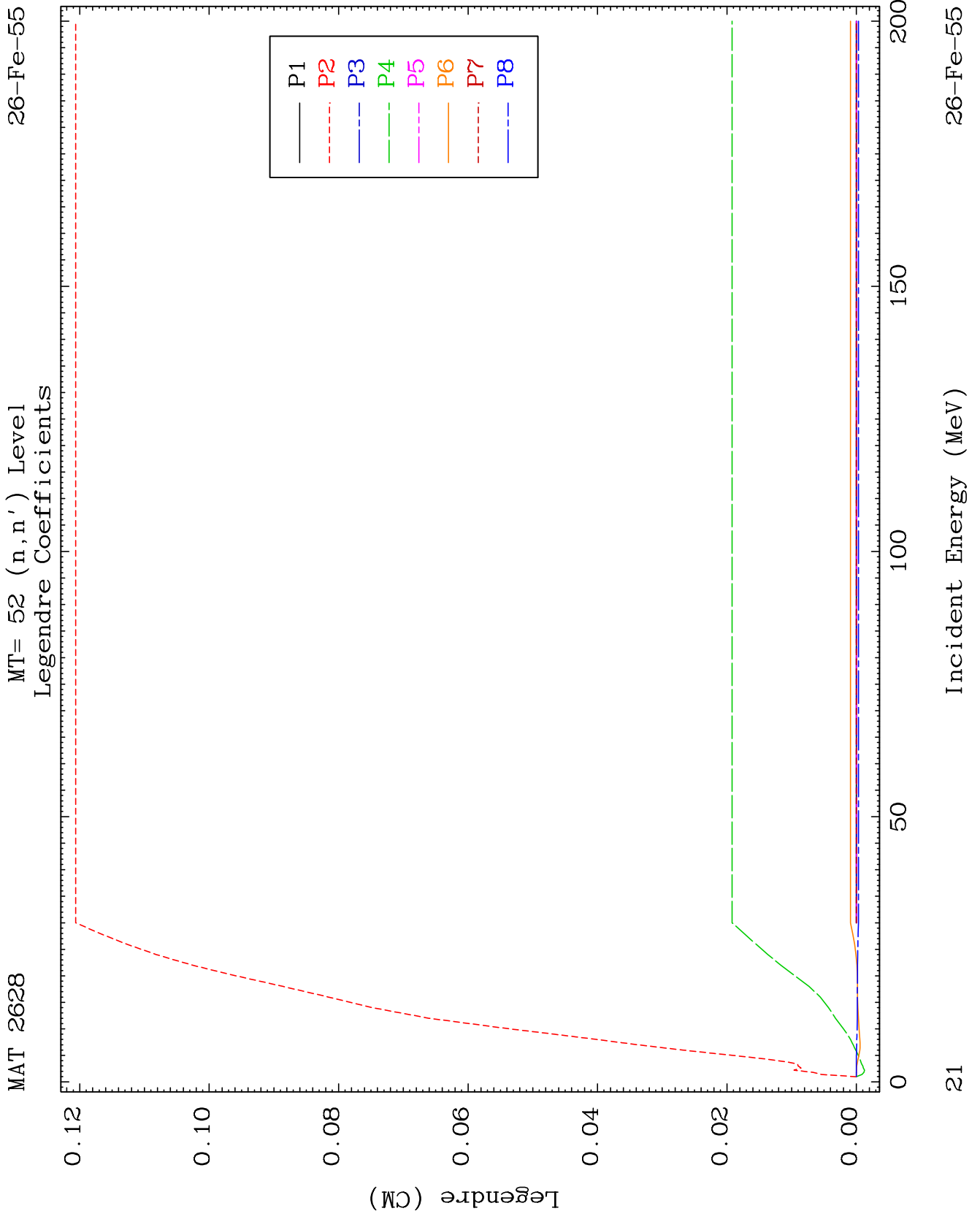
Incident Energy (MeV)

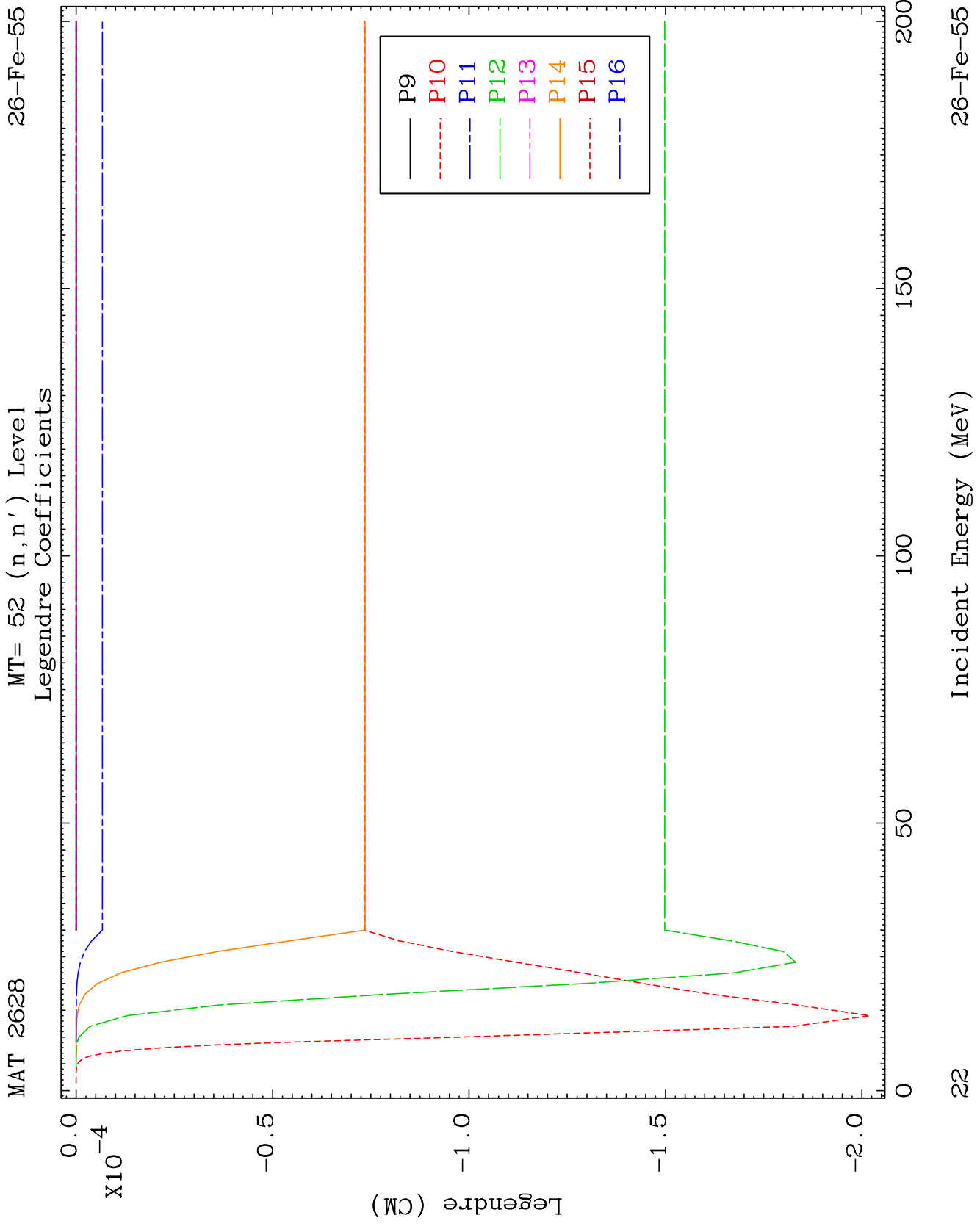
26-Fe-55

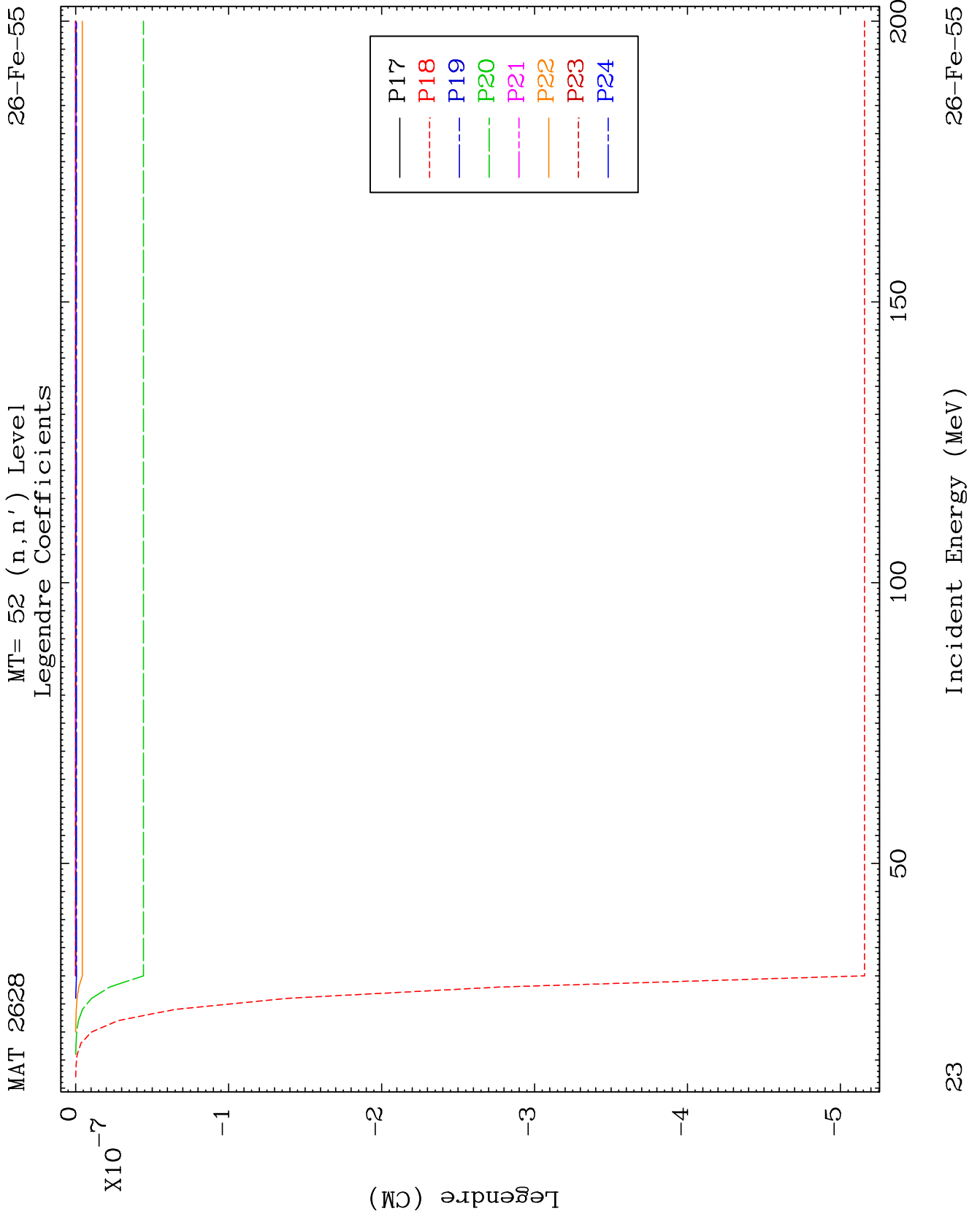


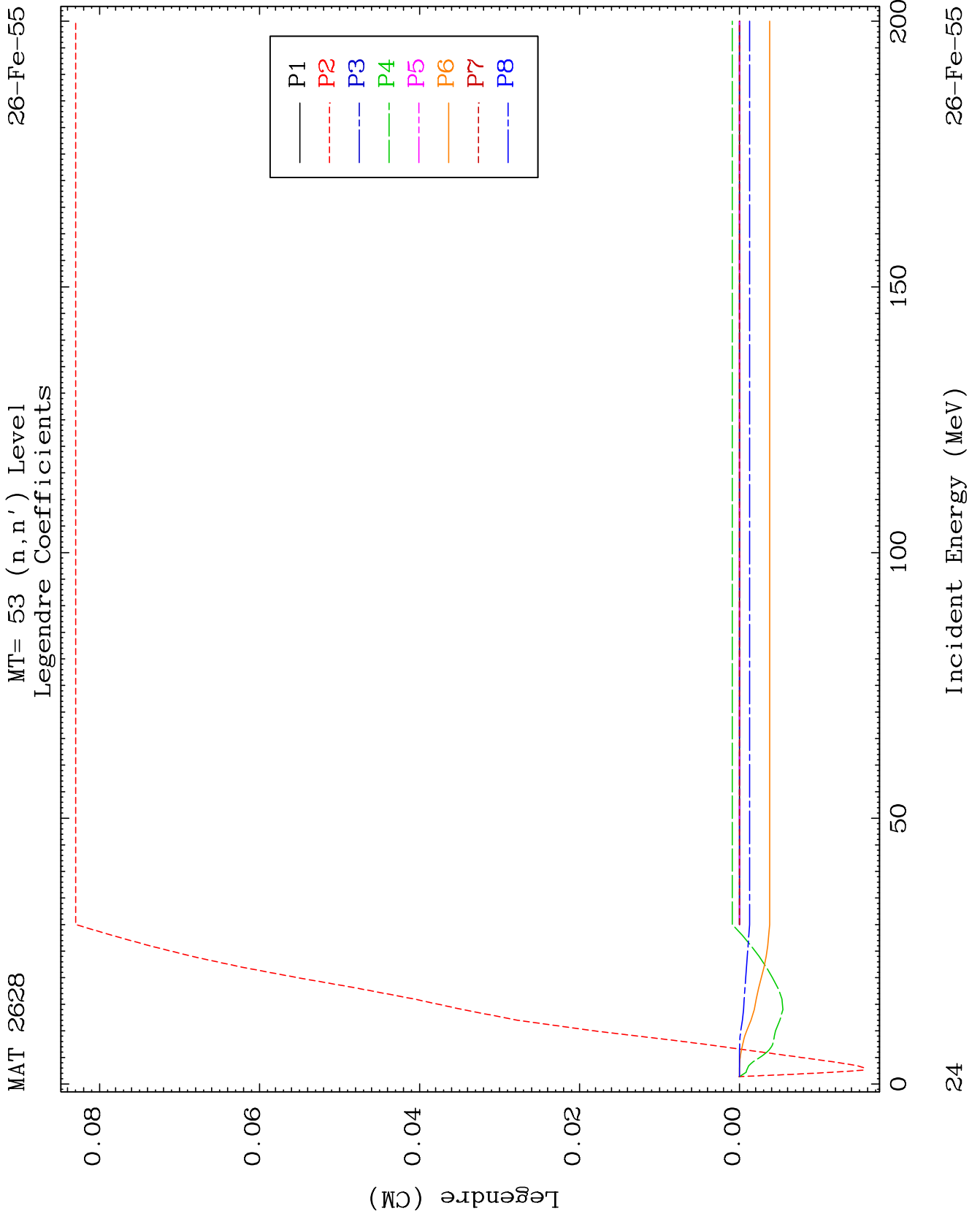








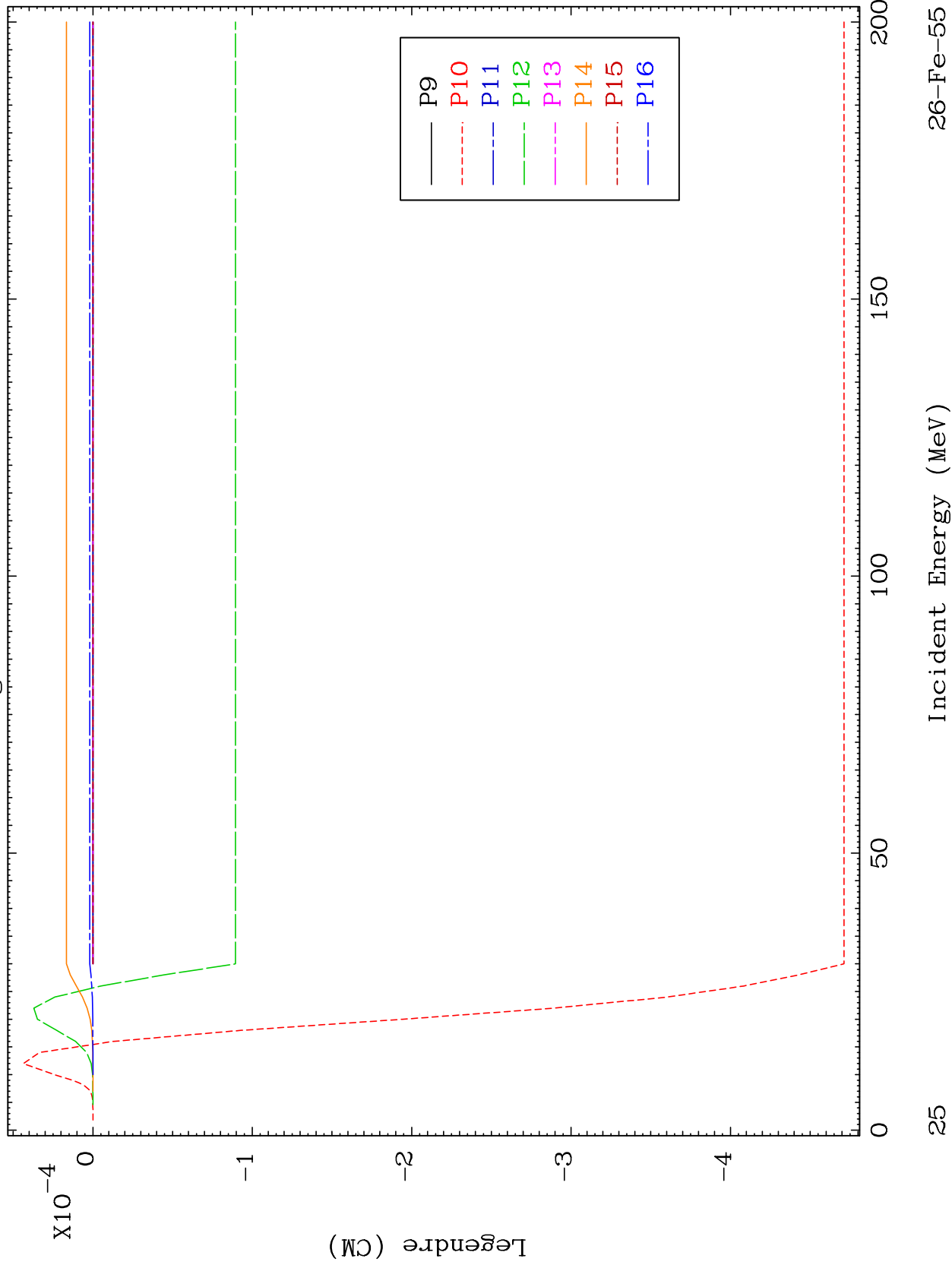




MAT 2628

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

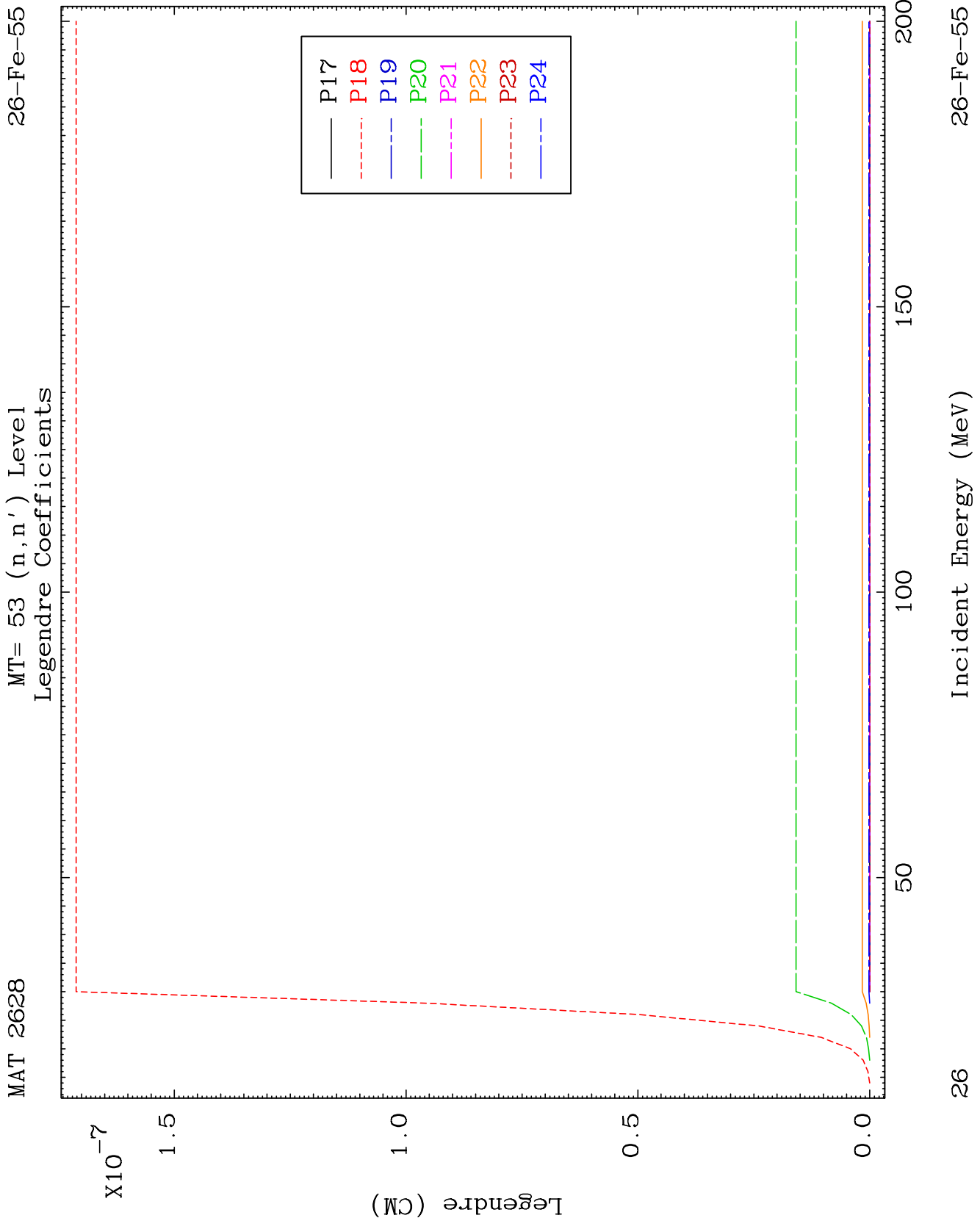
26-Fe-55

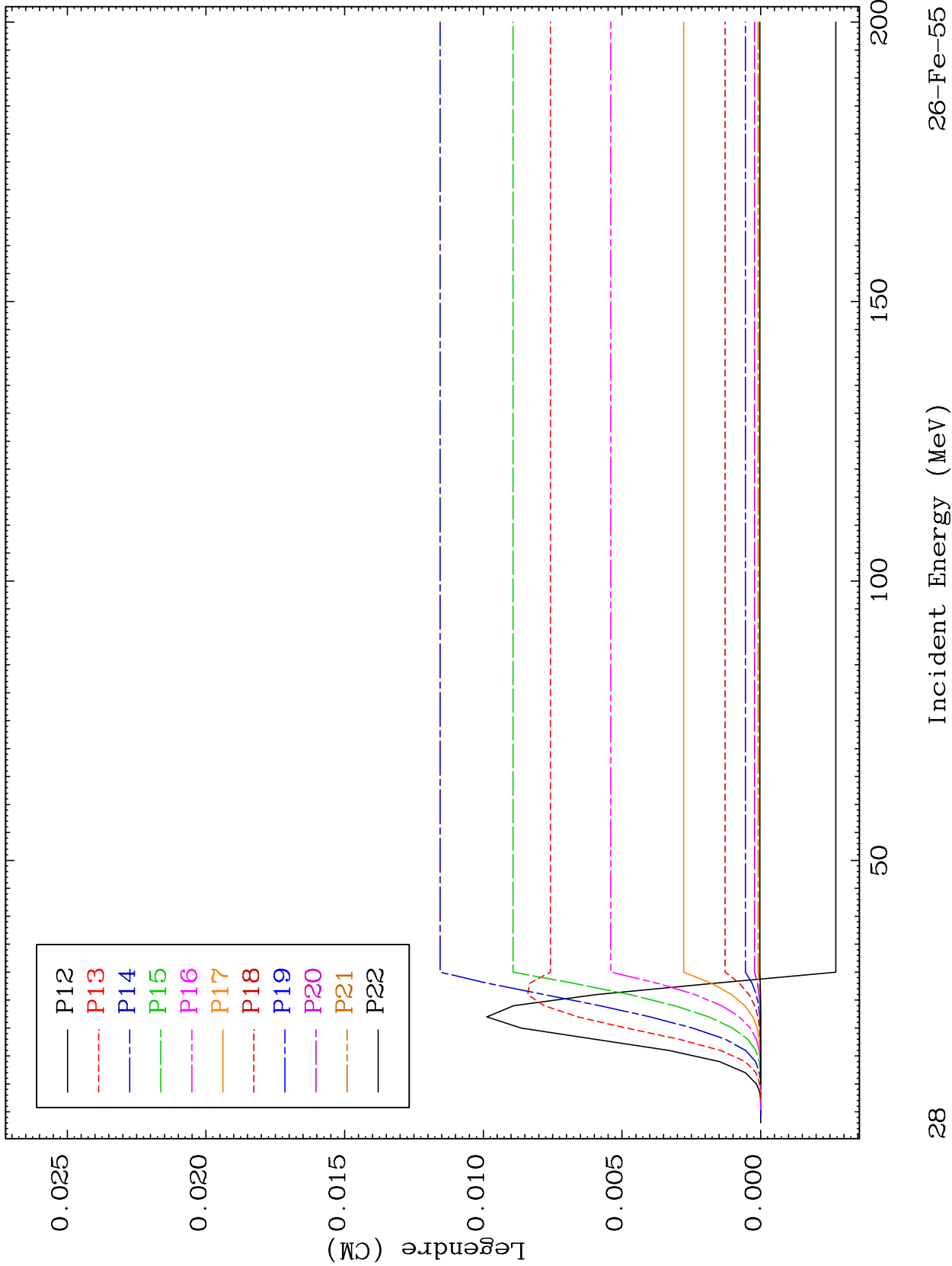


26-Fe-55

Incident Energy (MeV)

25

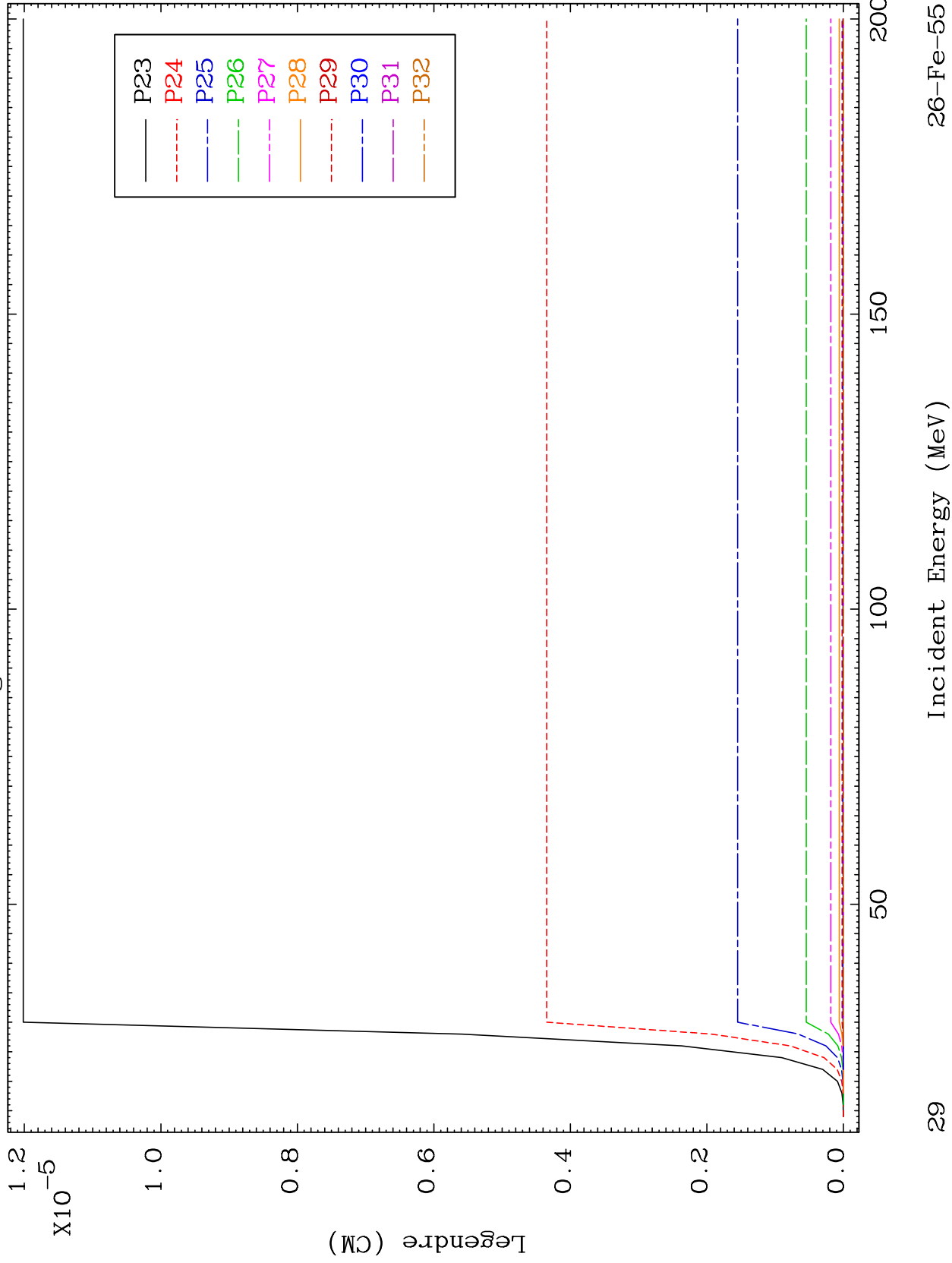




MAT 2628

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

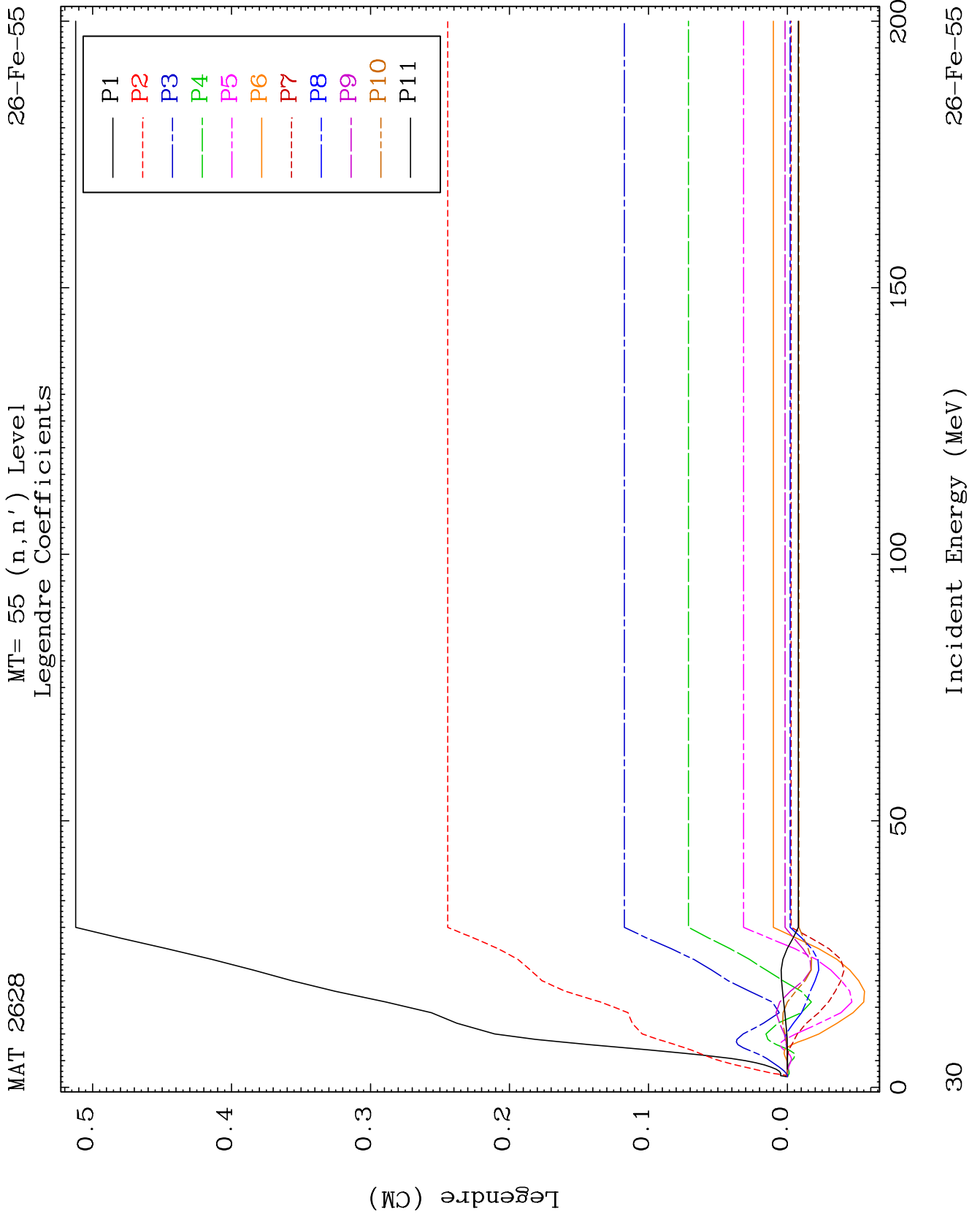
26-Fe-55

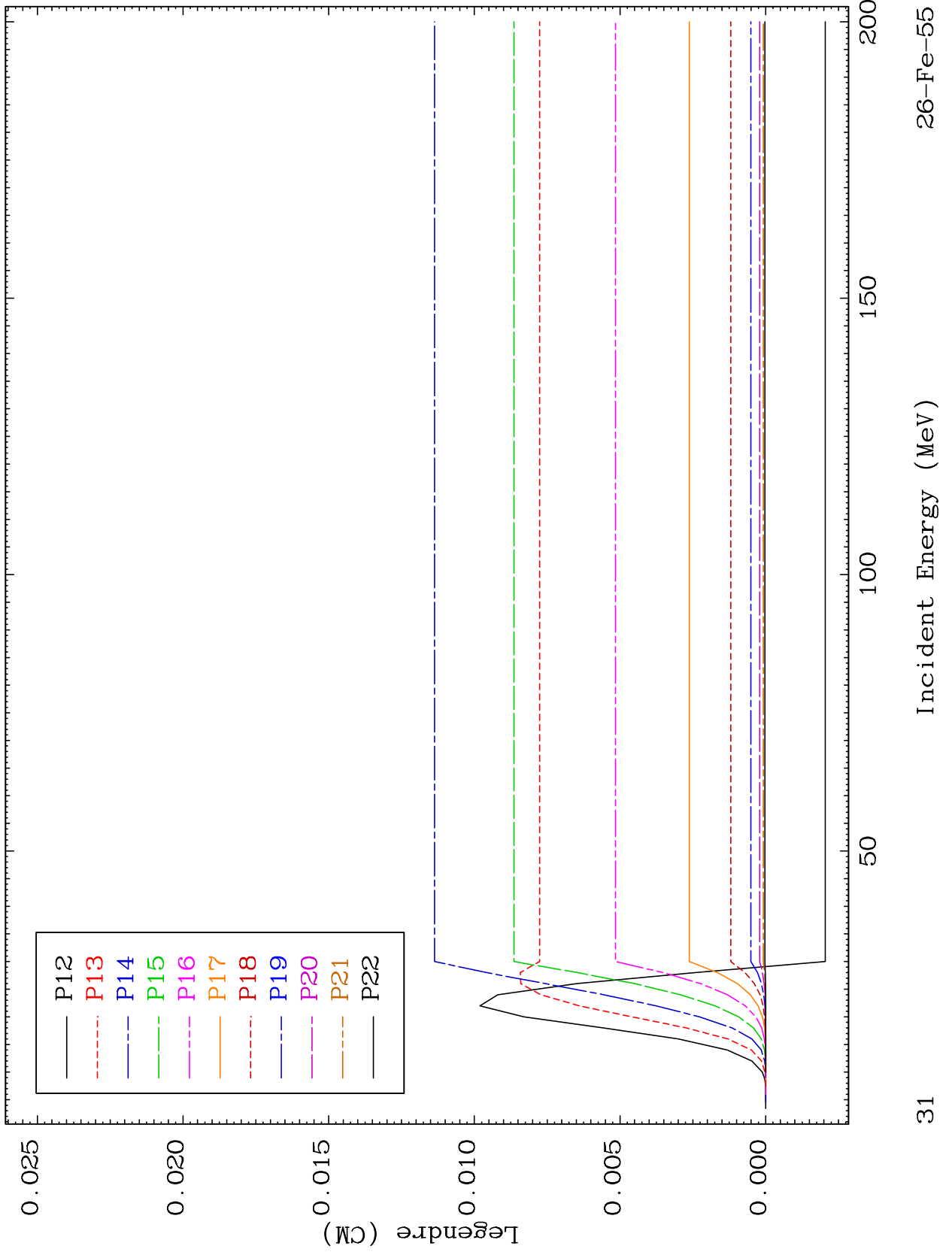


29

Incident Energy (MeV)

26-Fe-55

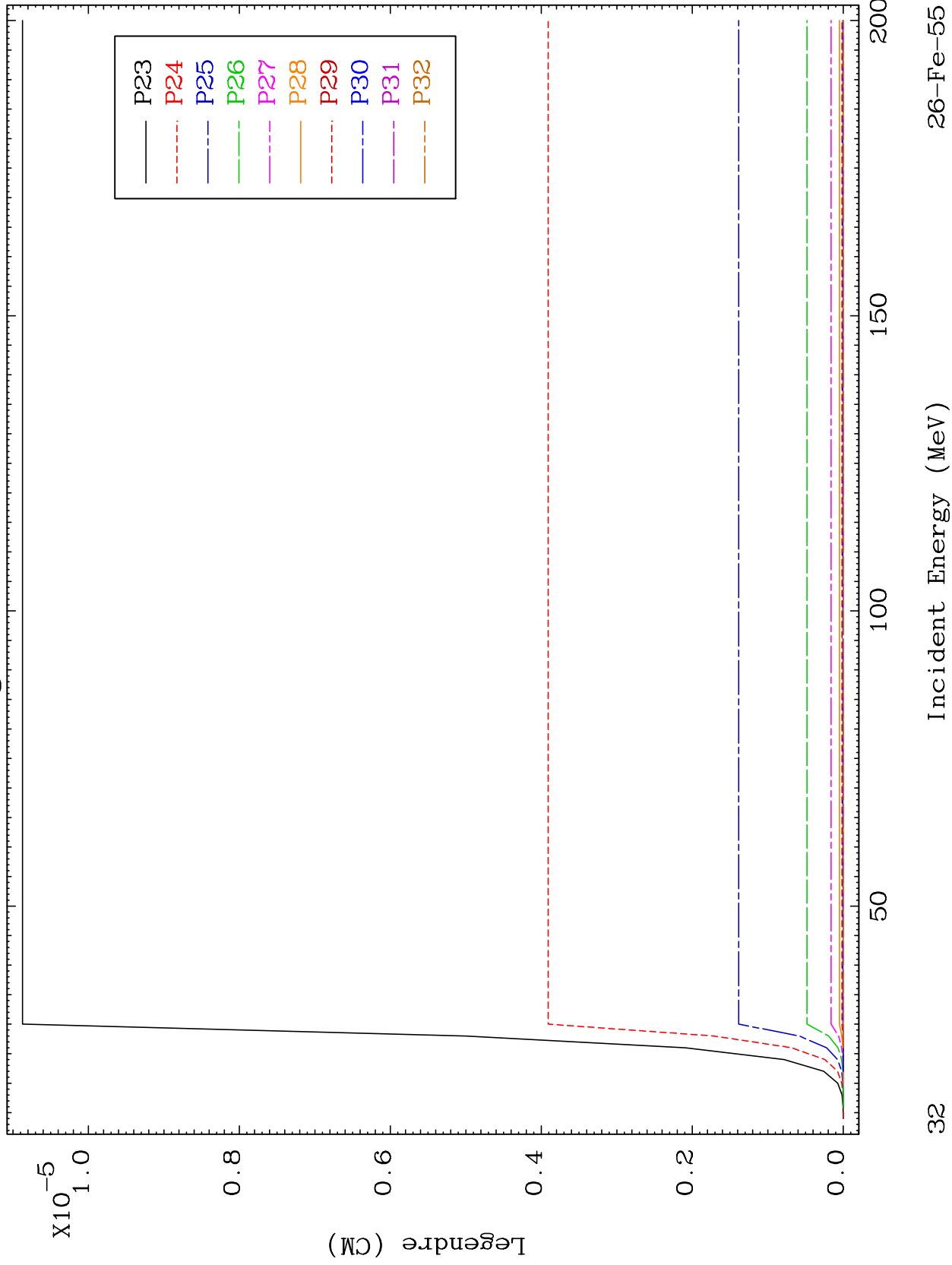




MAT 2628

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

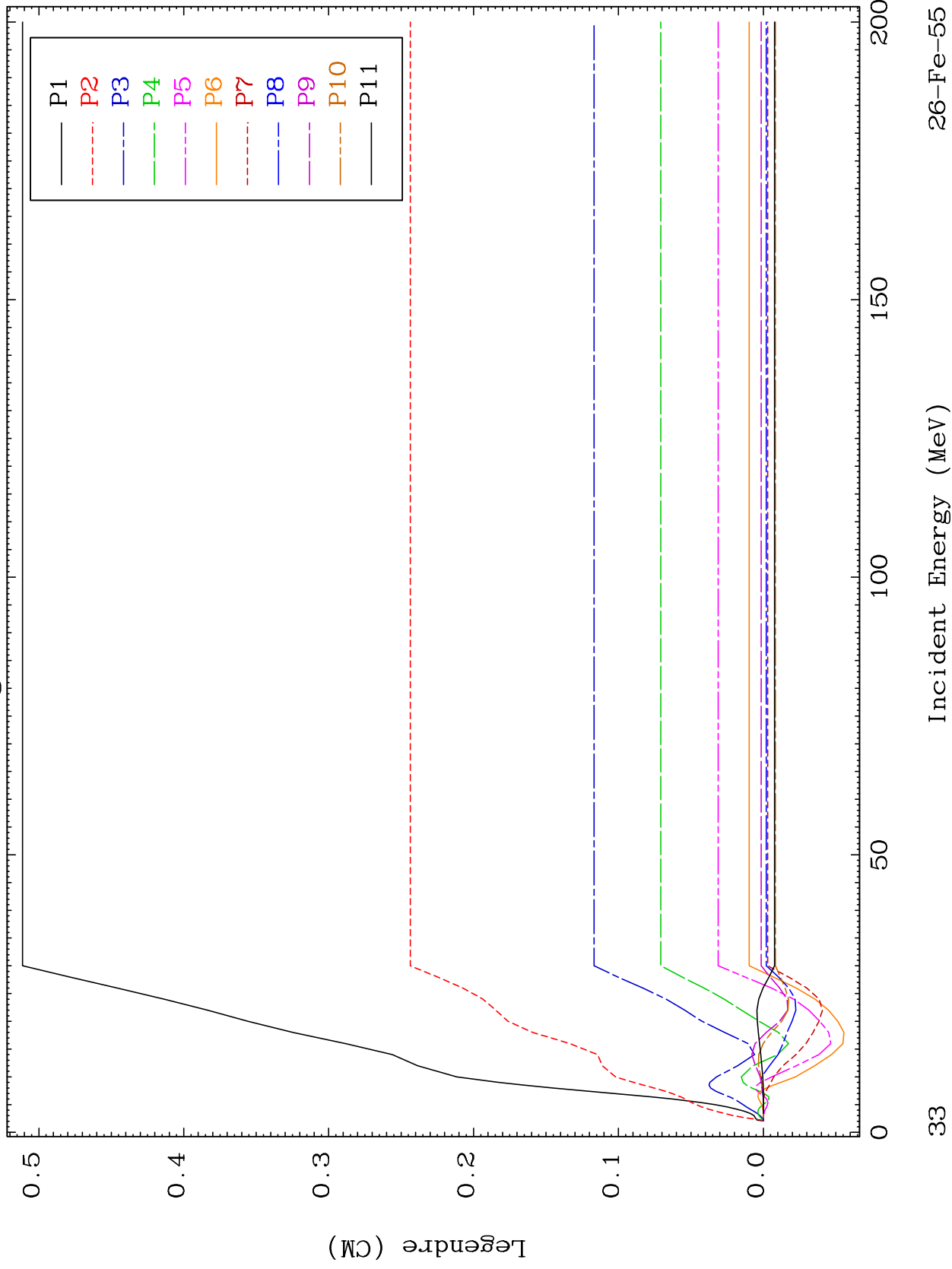
26-Fe-55



MAT 2628

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

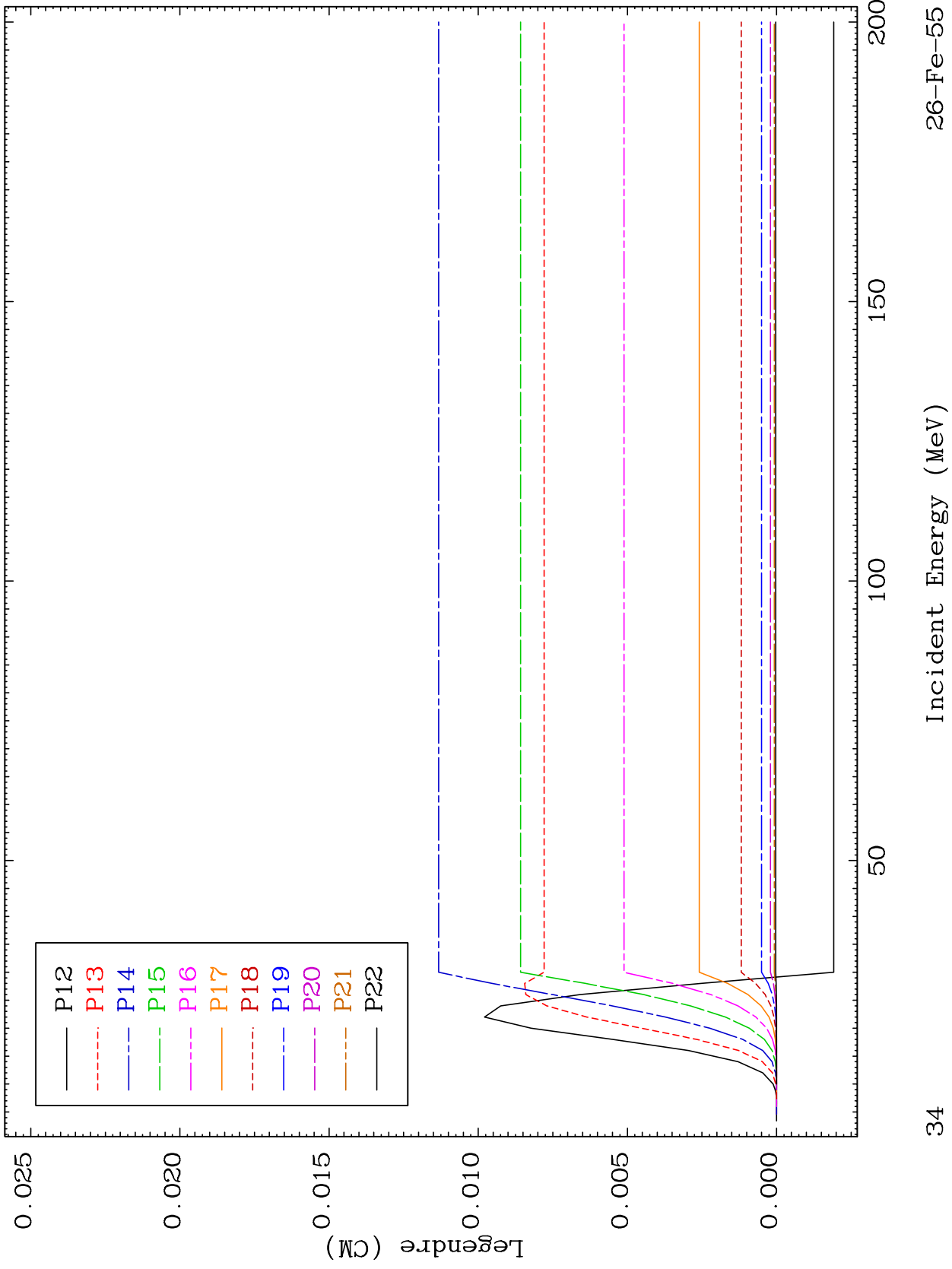
26-Fe-55



MAT 2628

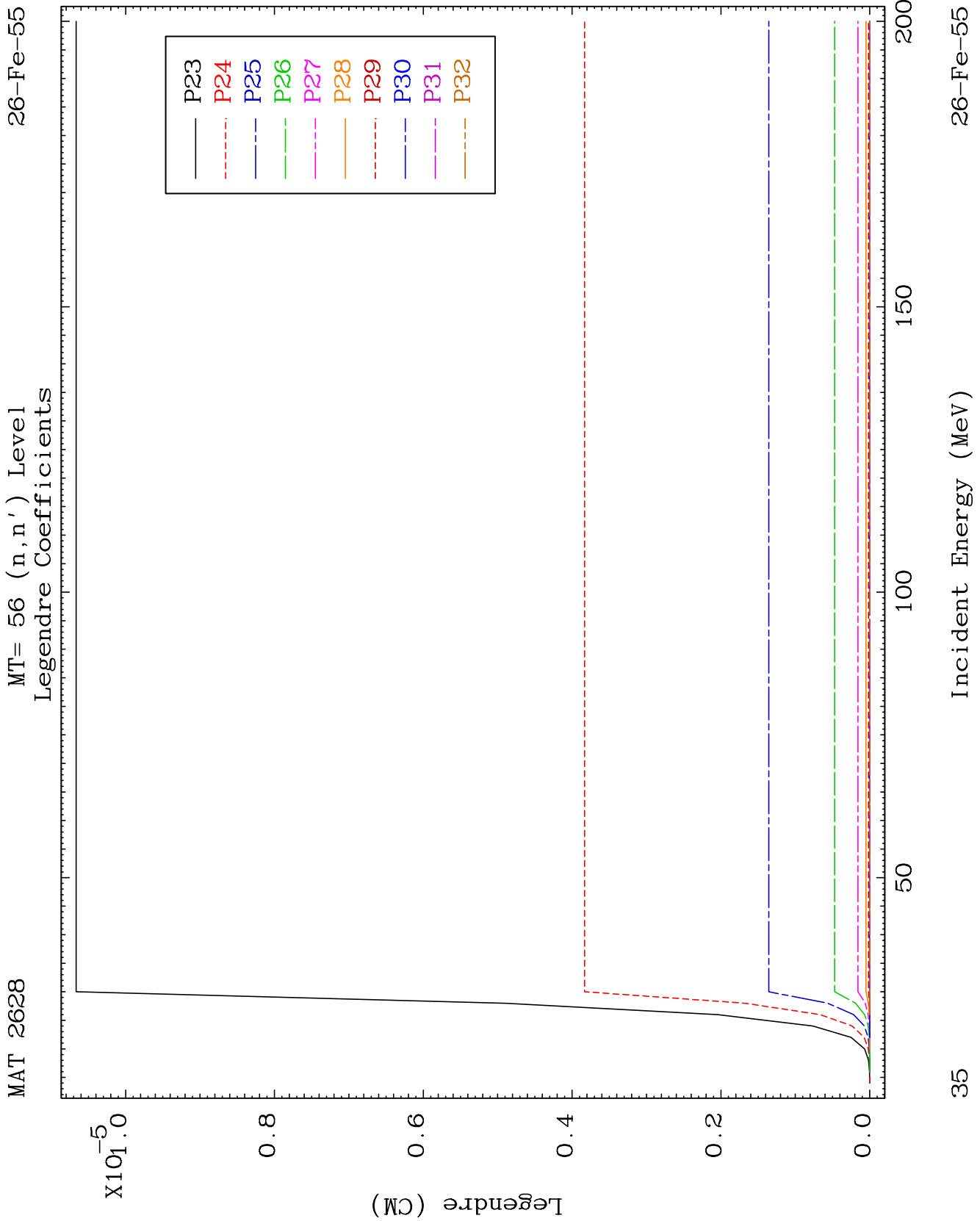
MT= 56 (n,n') Level
Legendre Coefficients

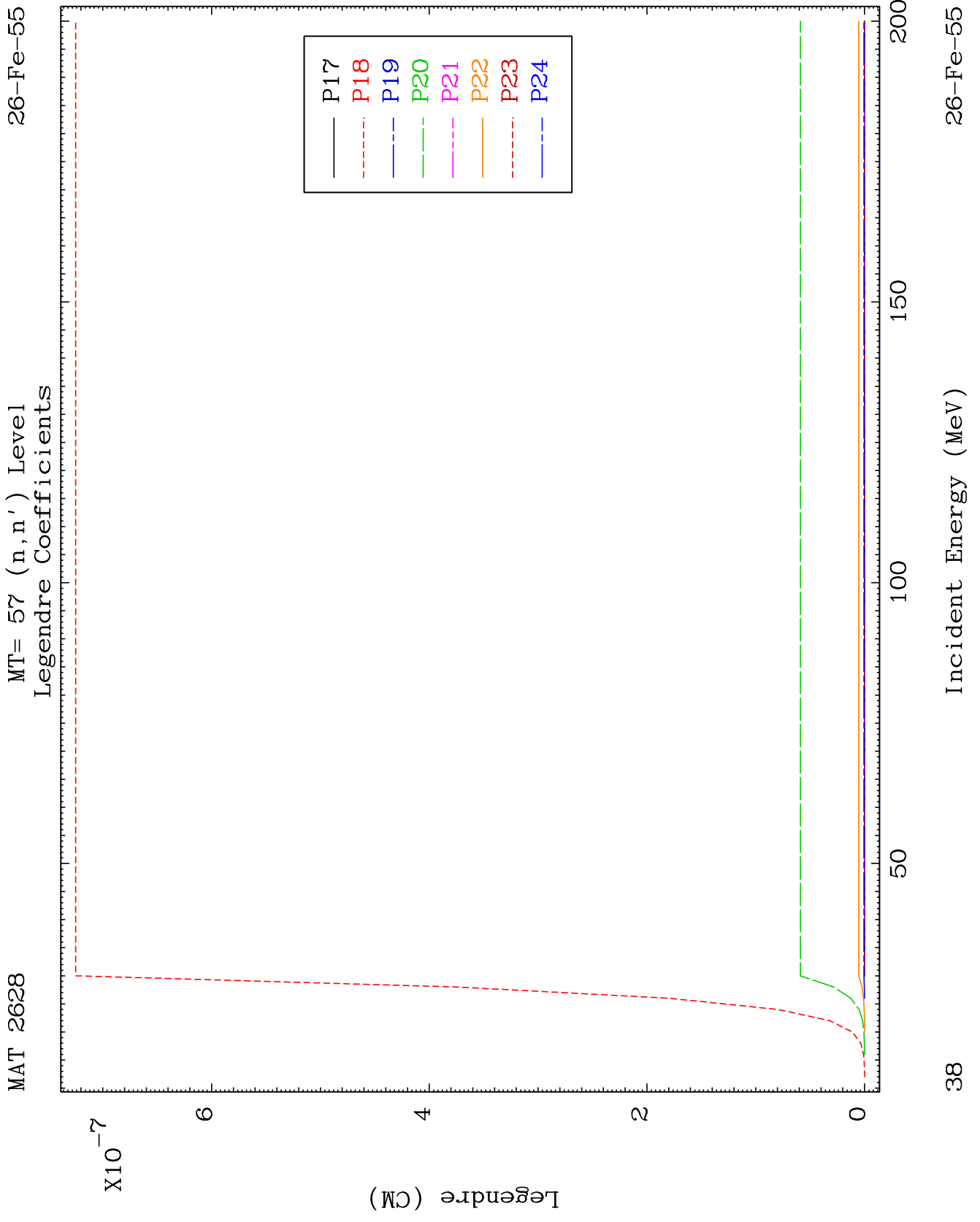
26-Fe-55

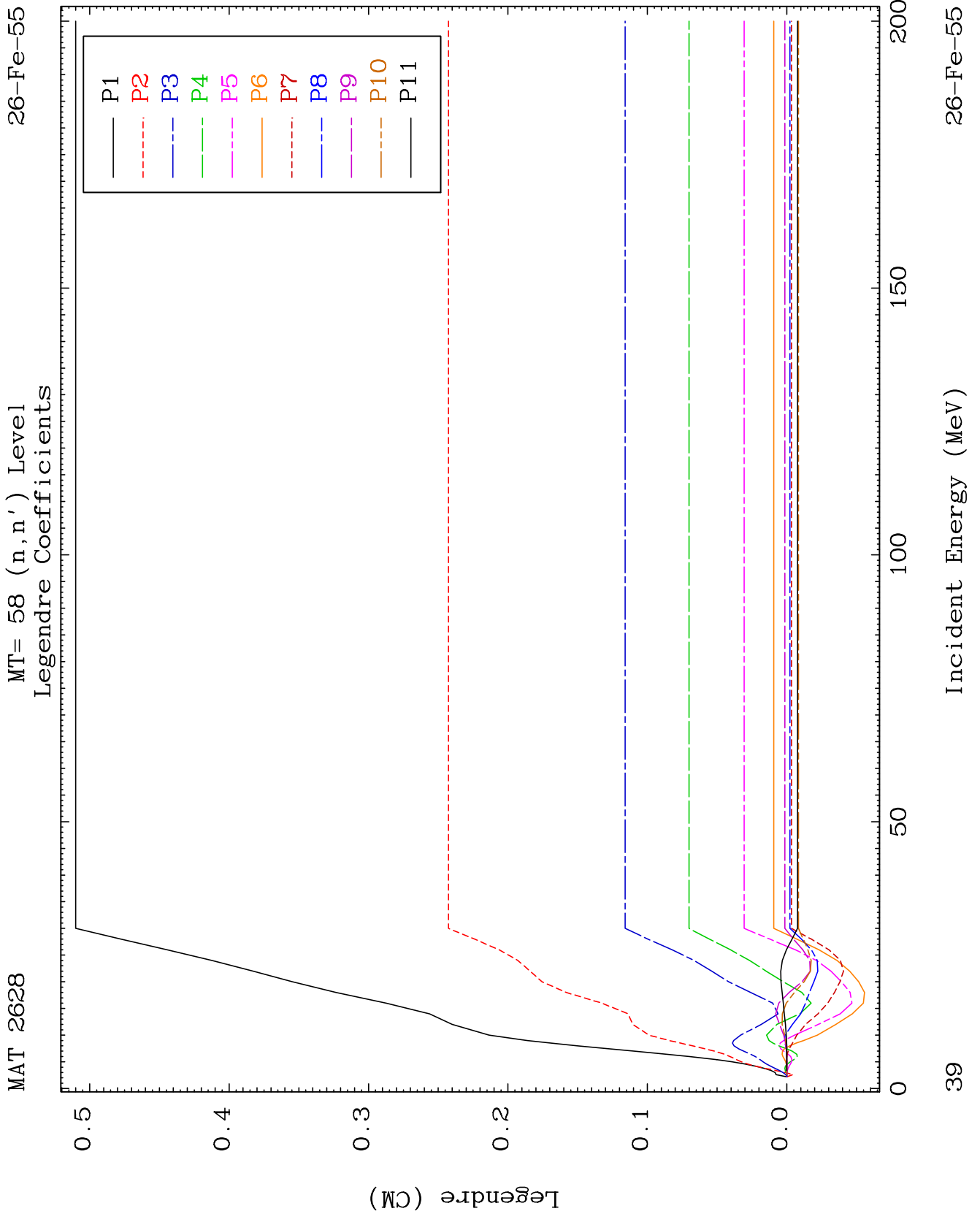


34

26-Fe-55



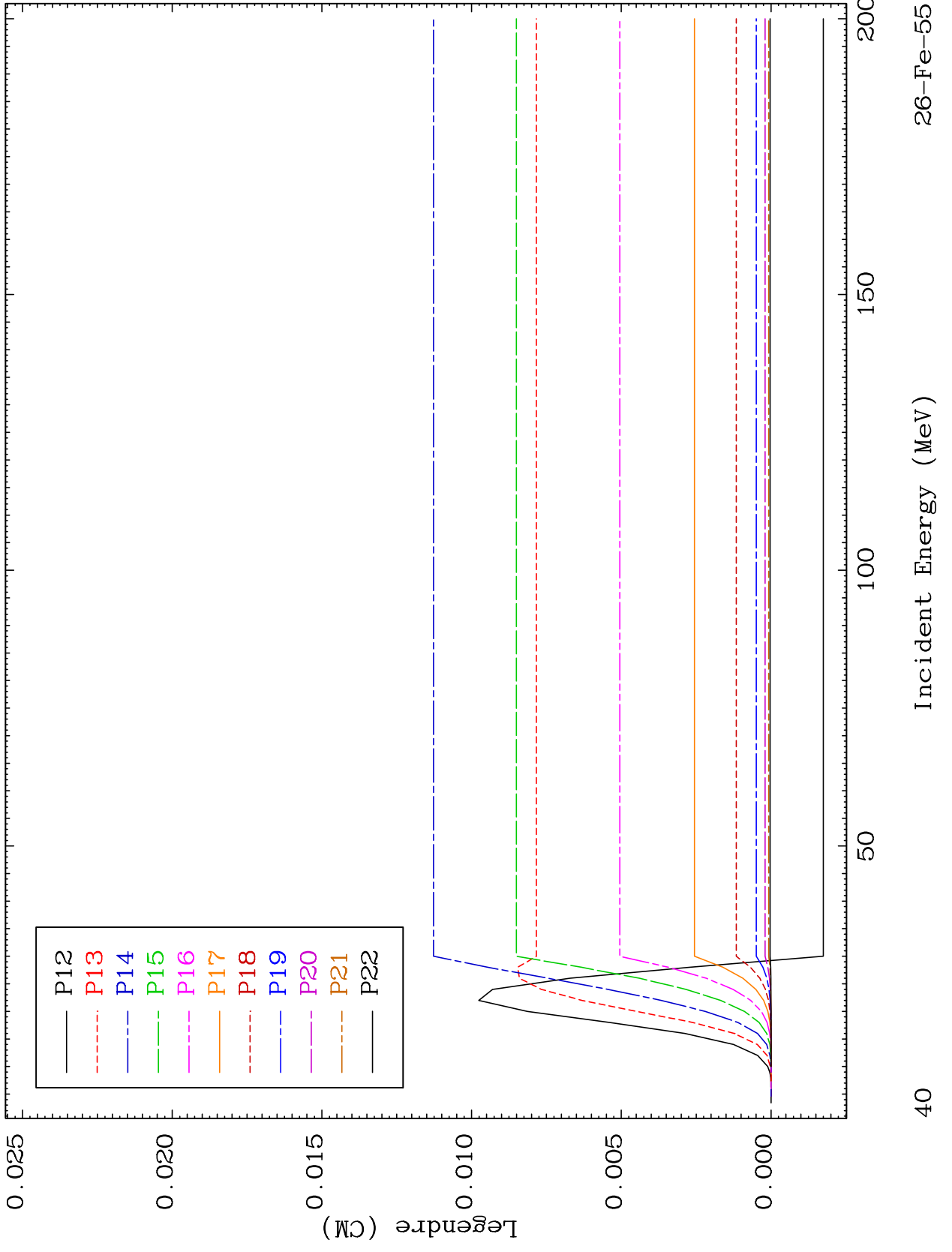




MAT 2628

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

26-Fe-55



40

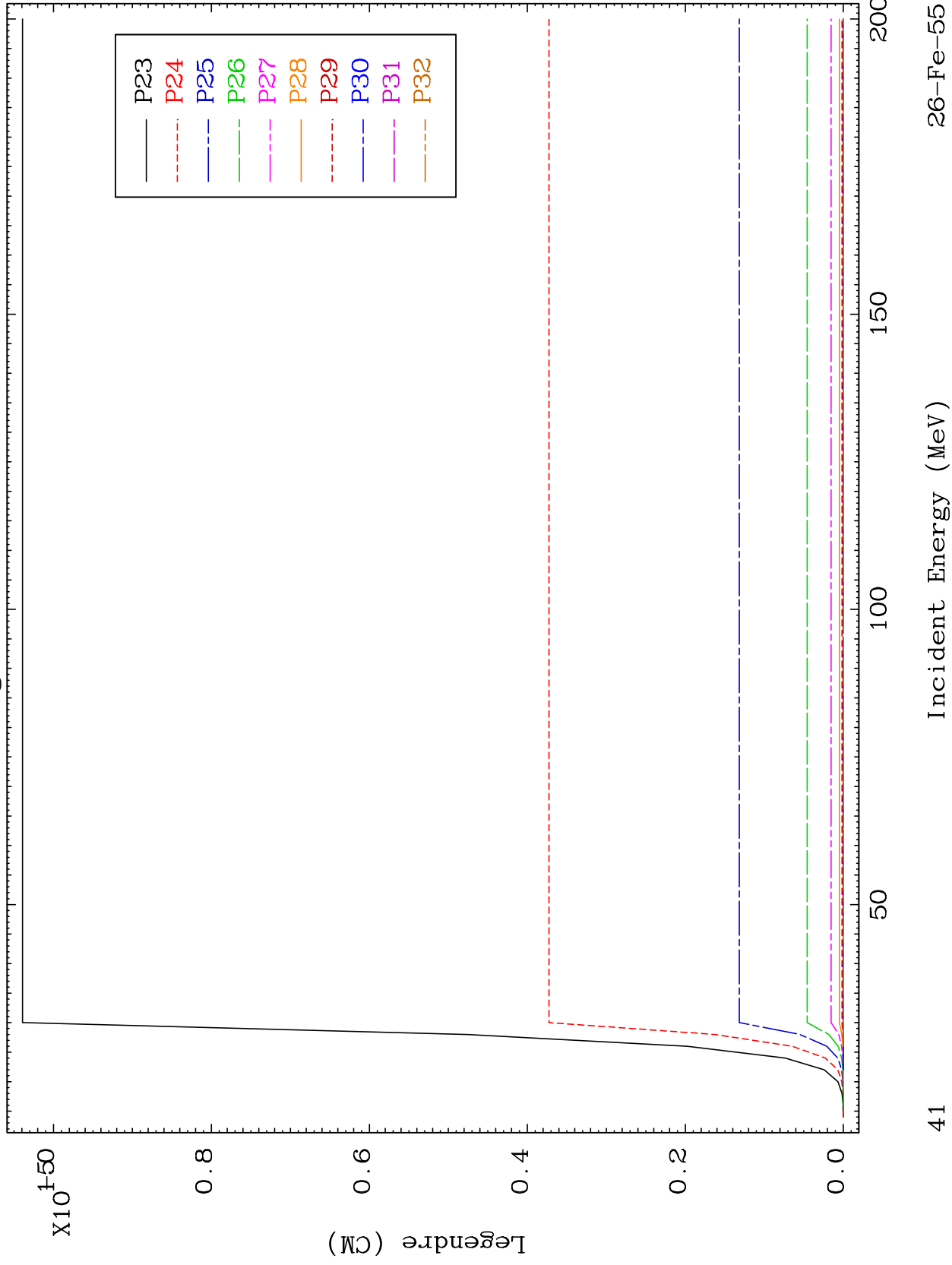
Incident Energy (MeV)

26-Fe-55

MAT 2628

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

26-Fe-55



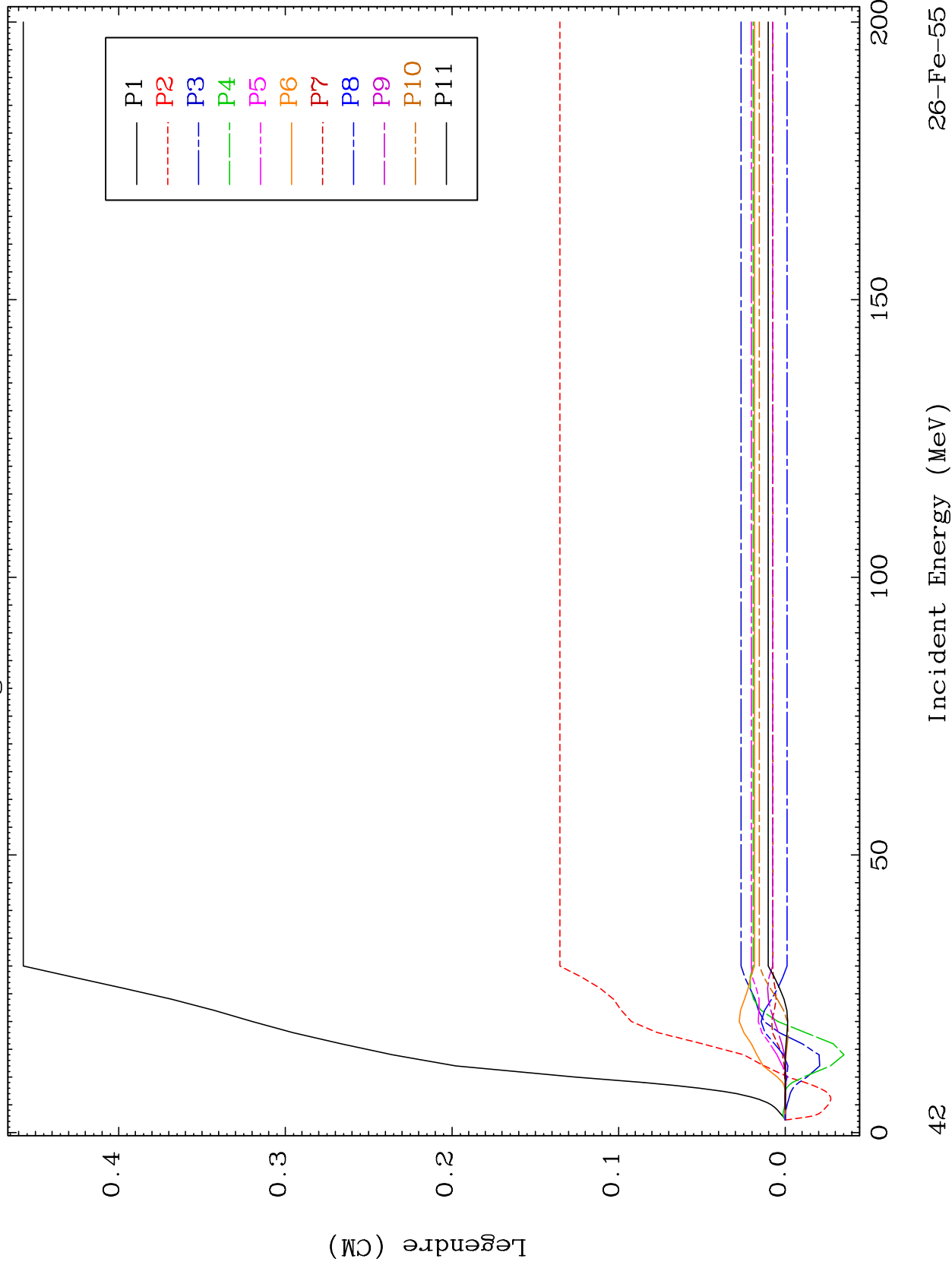
41

26-Fe-55

MAT 2628

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

26-Fe-55



42

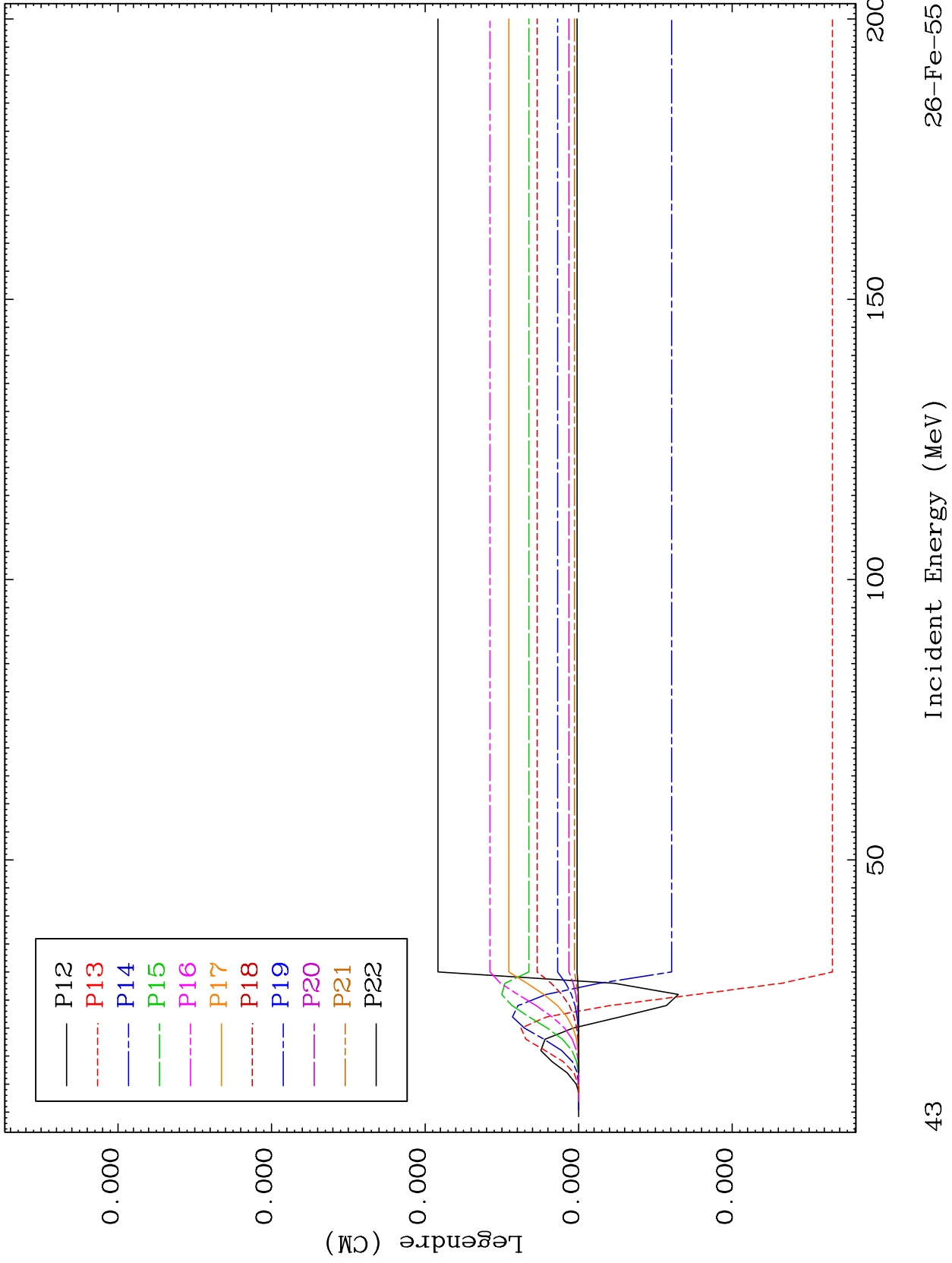
Incident Energy (MeV)

26-Fe-55

MAT 2628

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

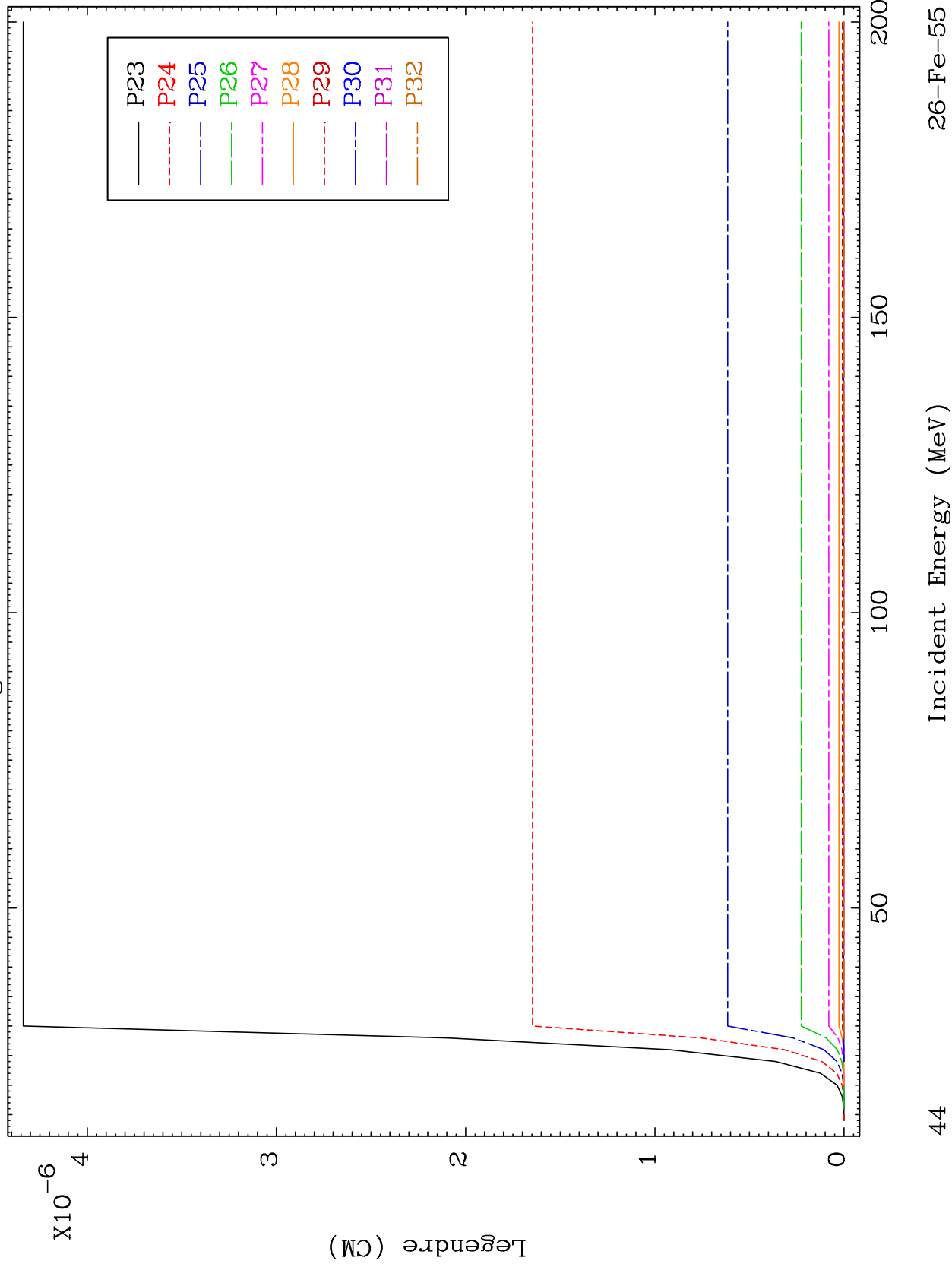
26-Fe-55

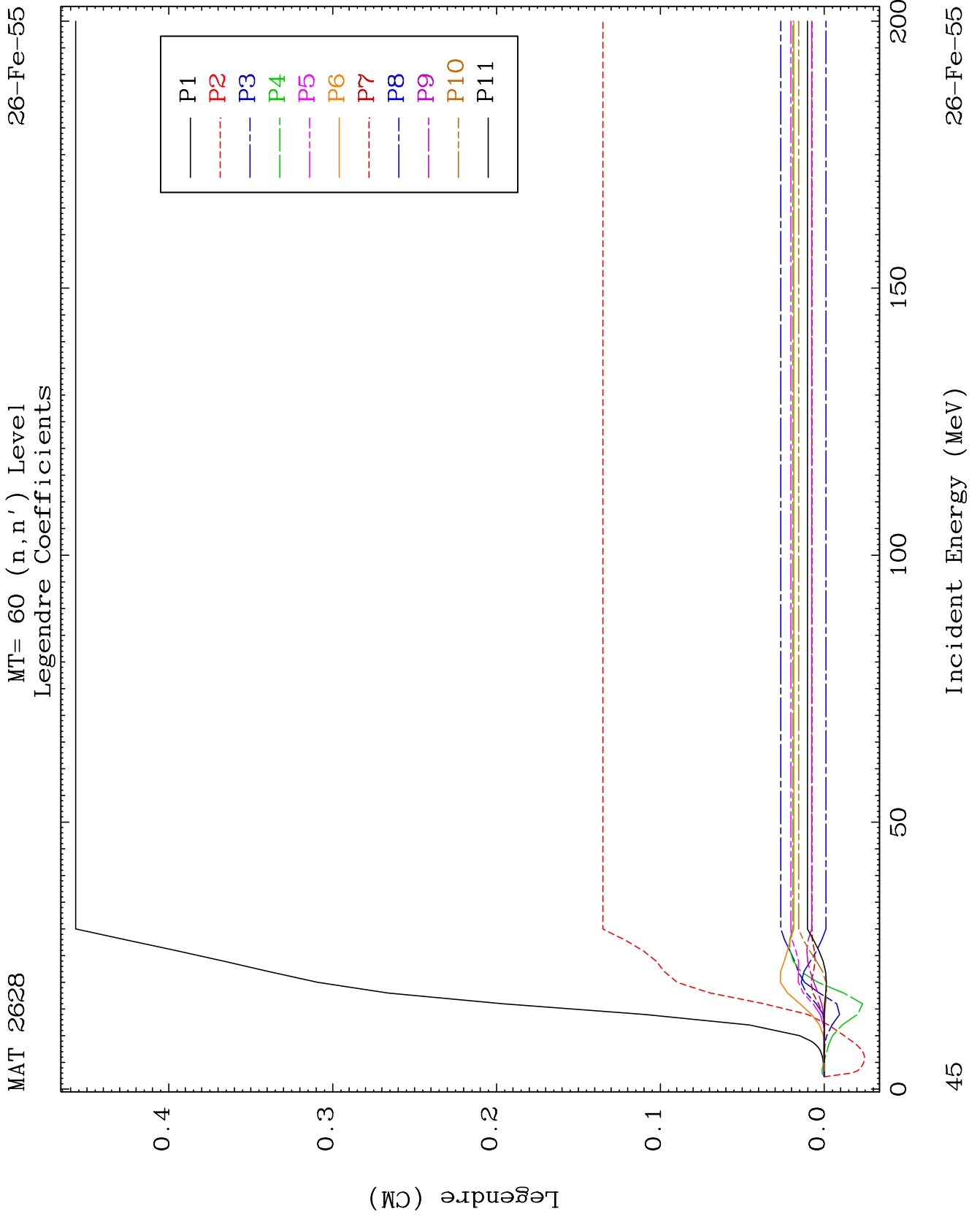


MAT 2628

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

26-Fe-55

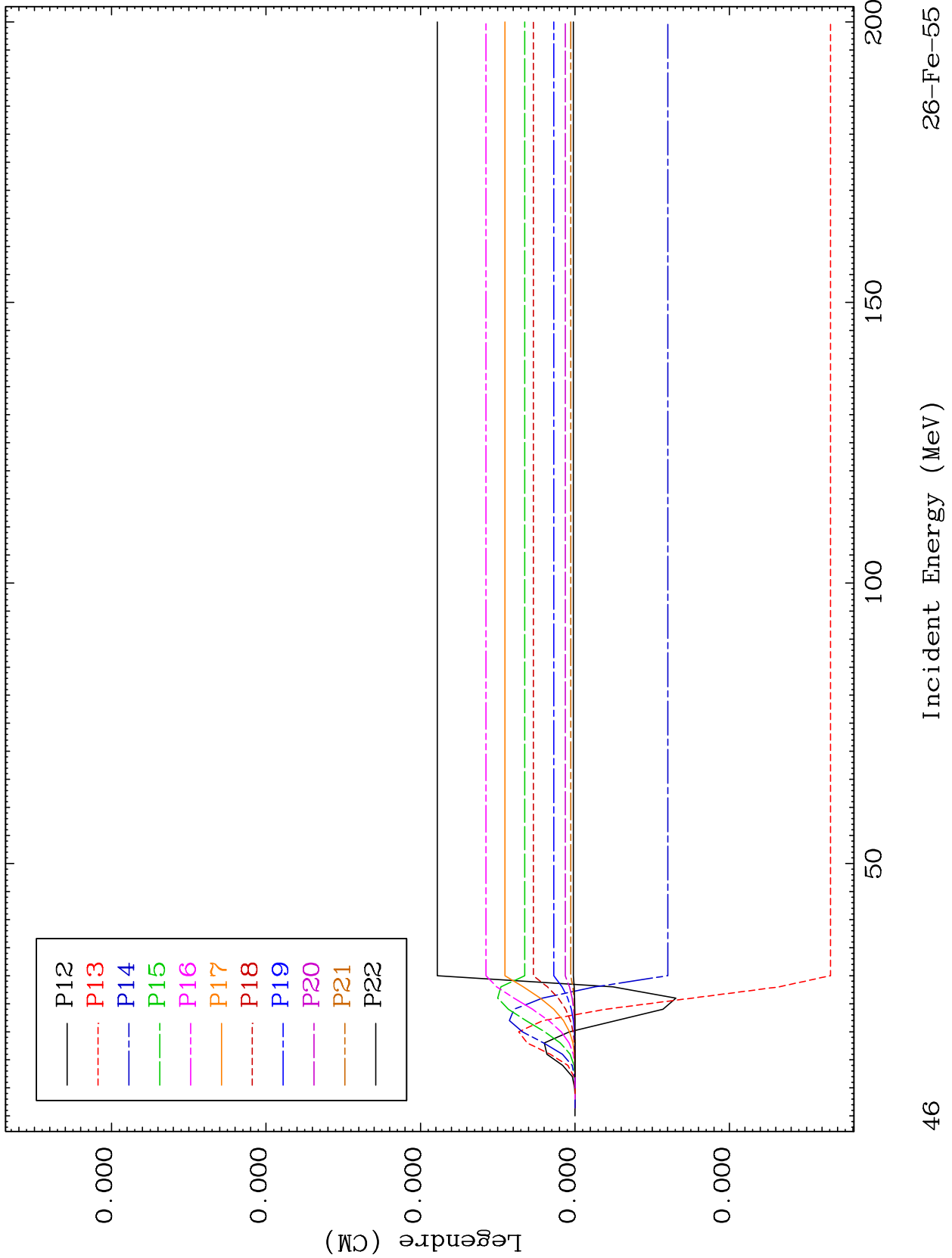




MAT 2628

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

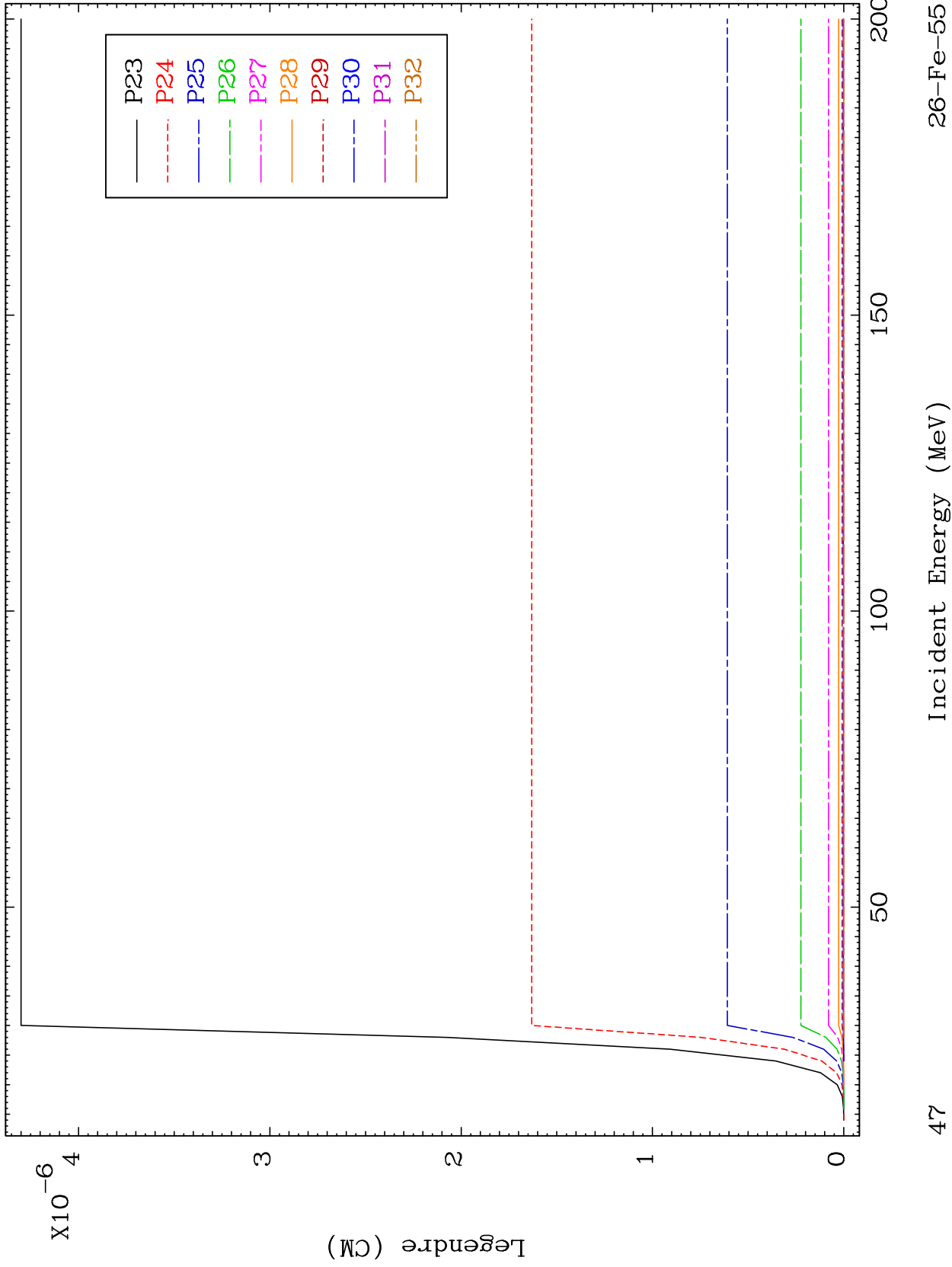
26-Fe-55



MAT 2628

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

26-Fe-55



47

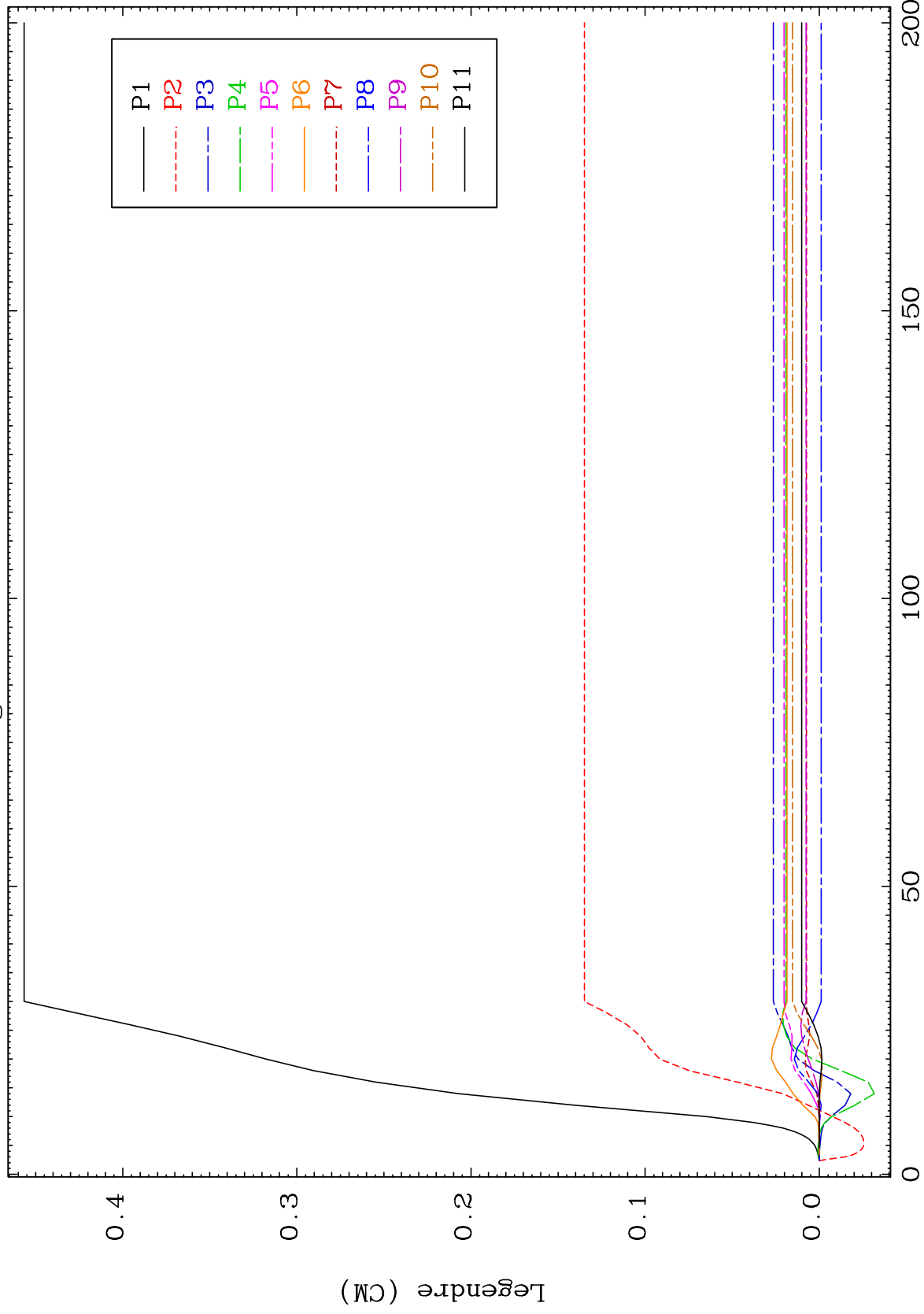
Incident Energy (MeV)

26-Fe-55

MAT 2628

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

26-Fe-55



48

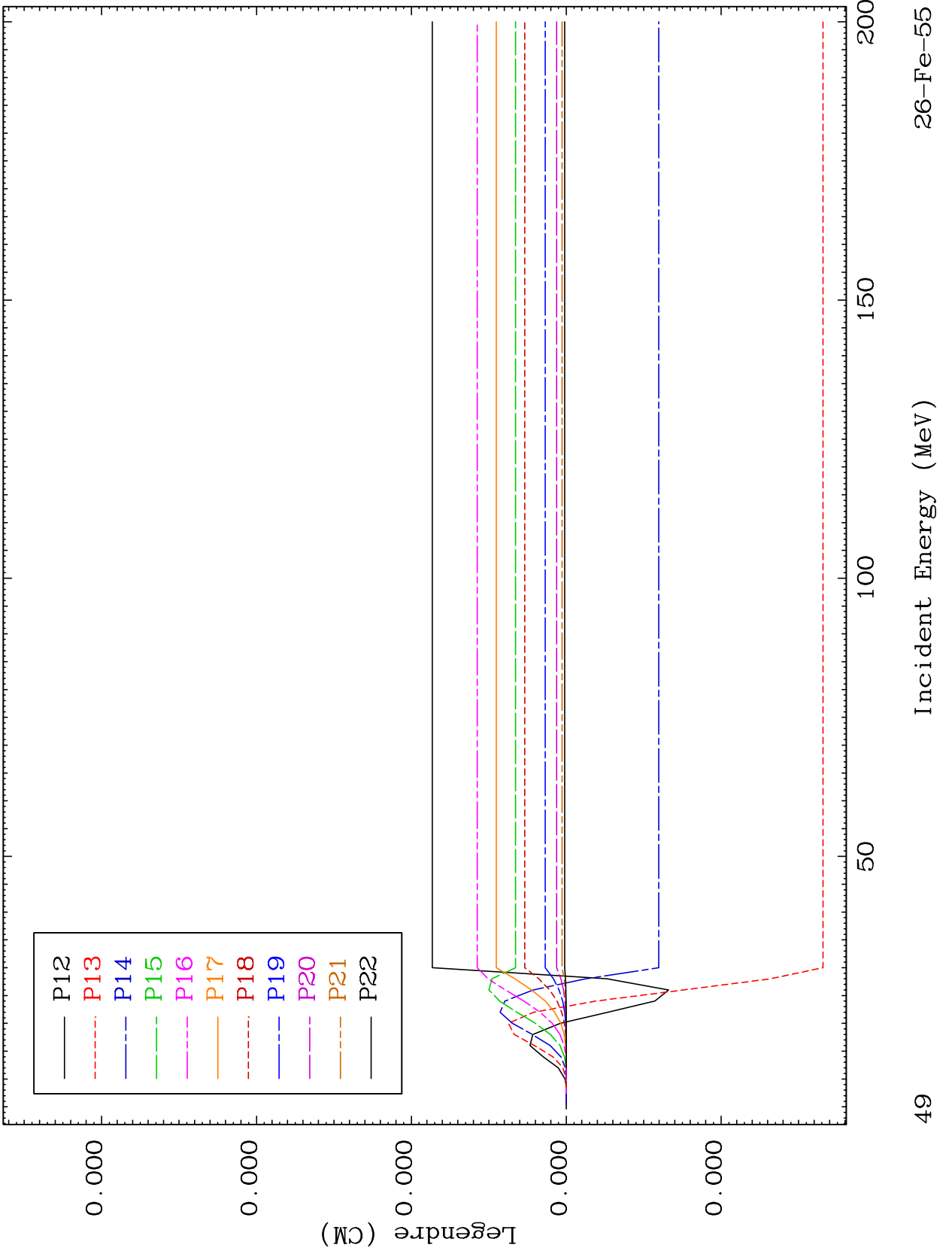
Incident Energy (MeV)

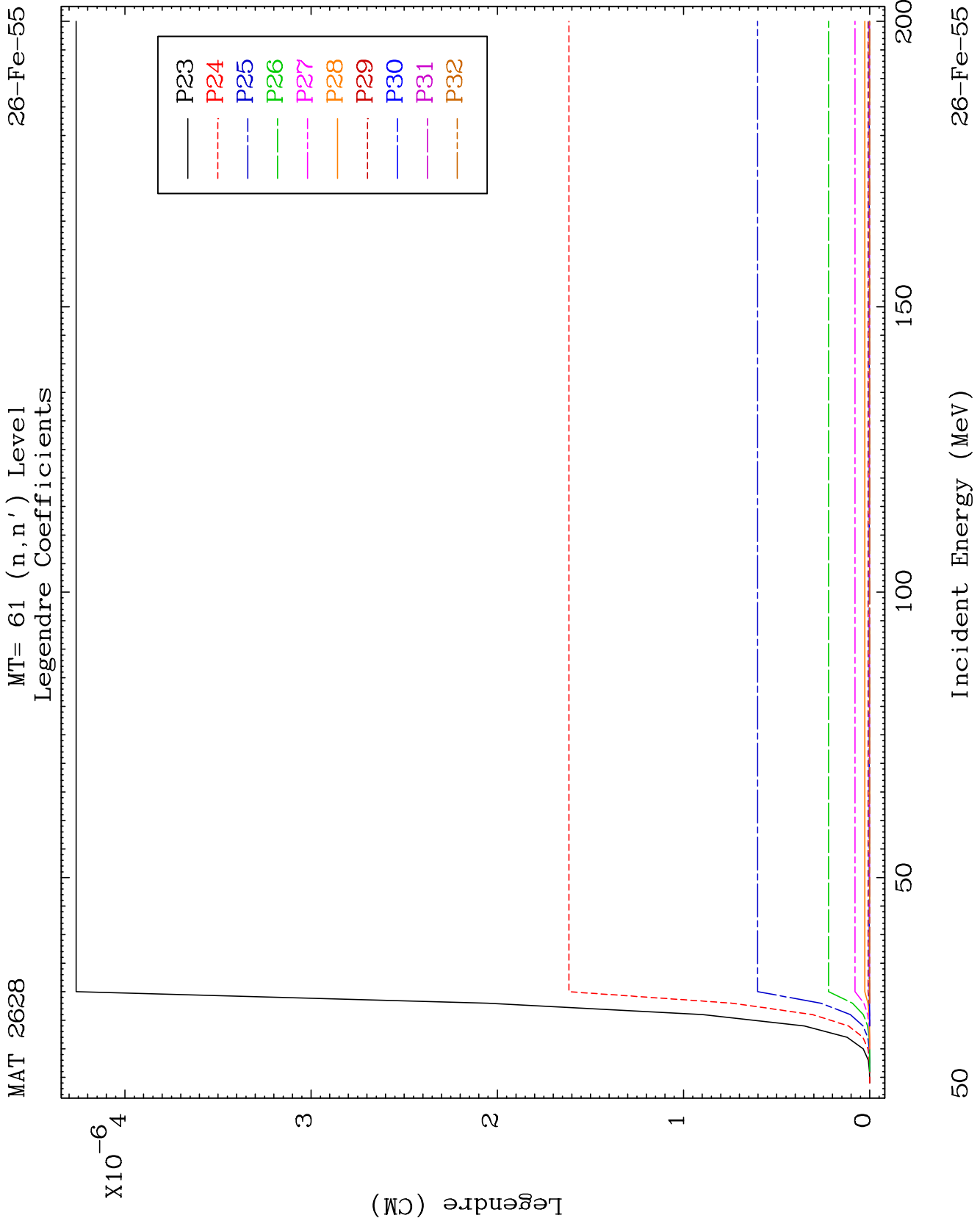
26-Fe-55

MAT 2628

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

26-Fe-55

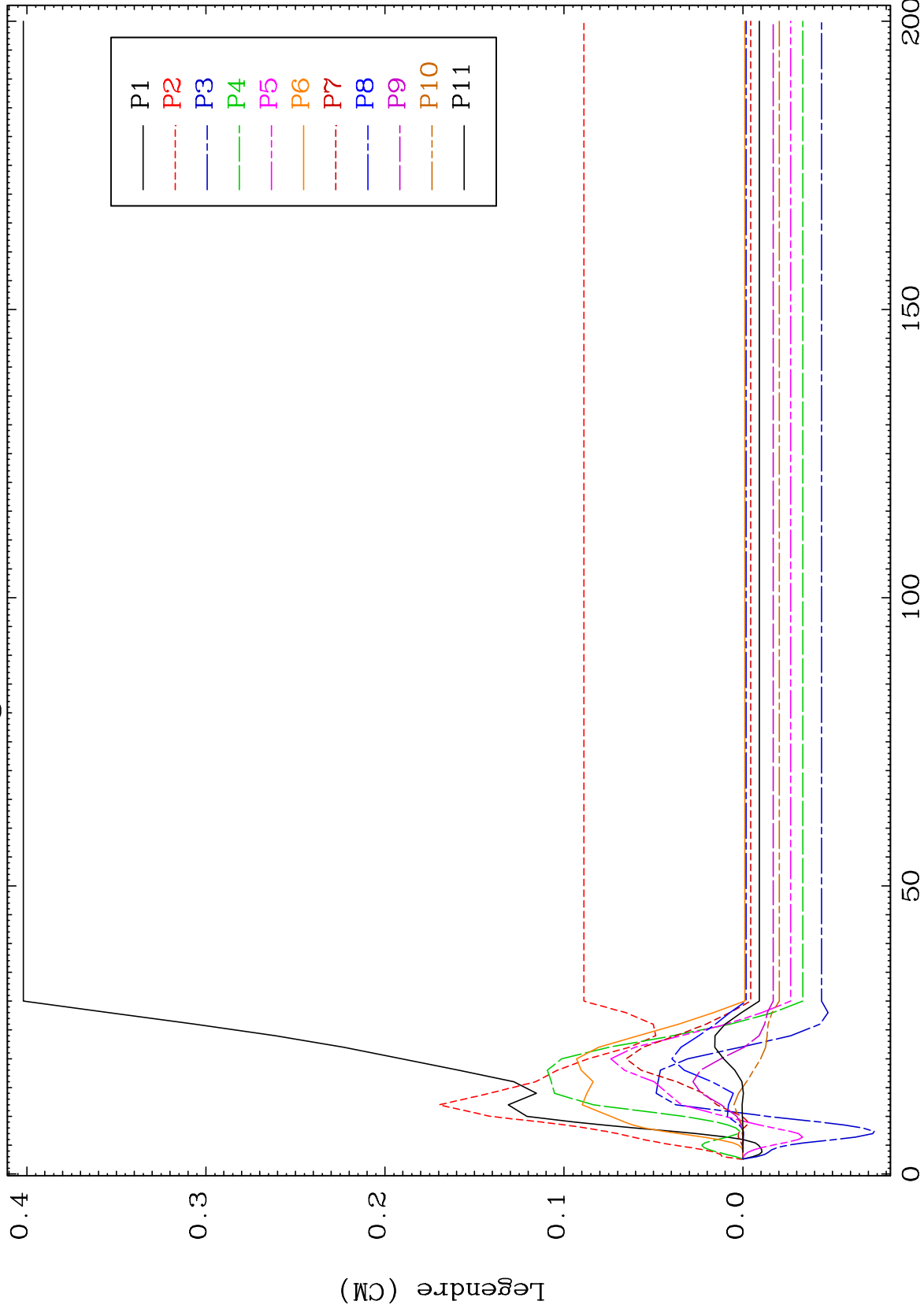




MAT 2628

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

26-Fe-55



51

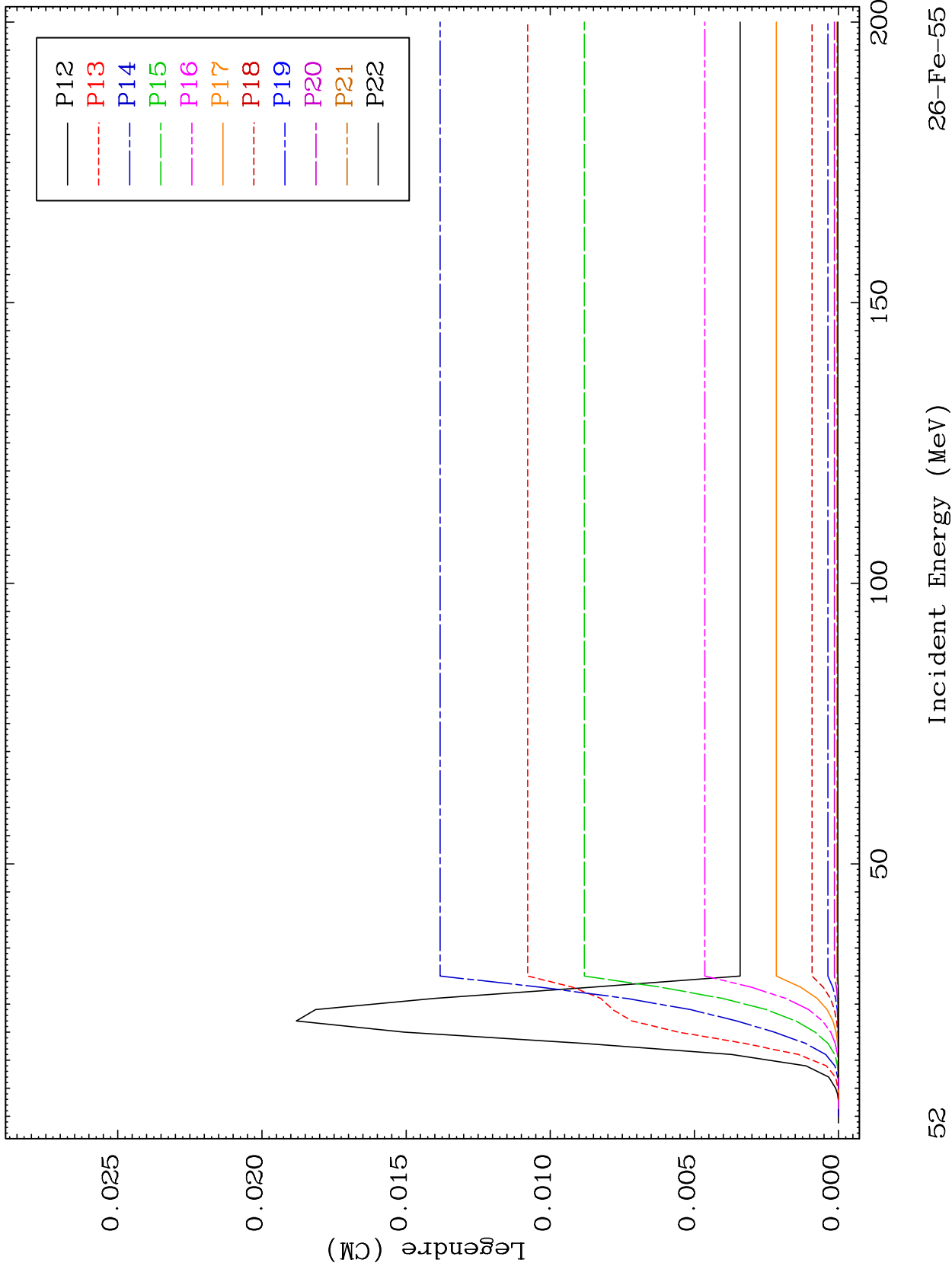
Incident Energy (MeV)

26-Fe-55

MAT 2628

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

26-Fe-55



52

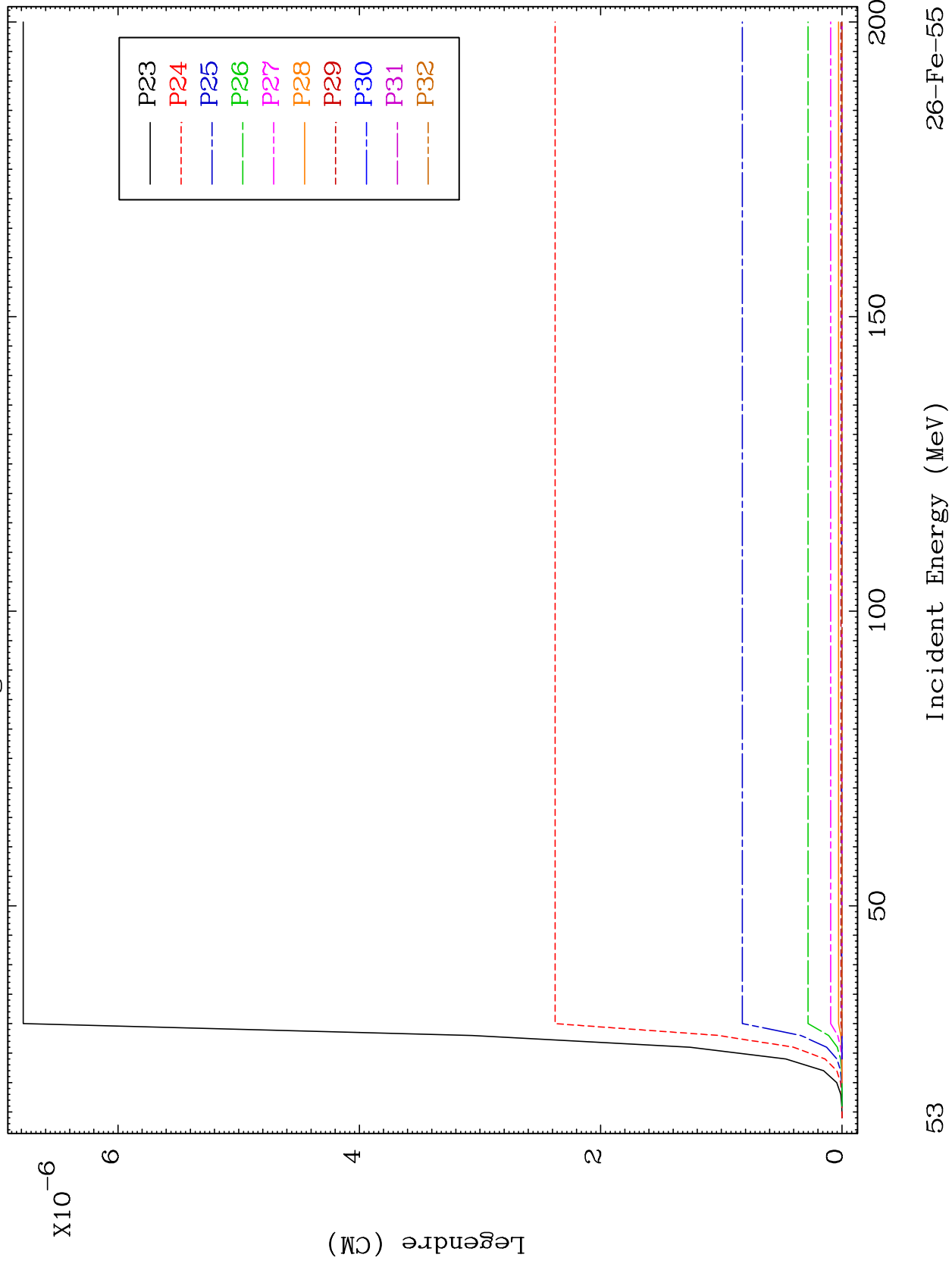
Incident Energy (MeV)

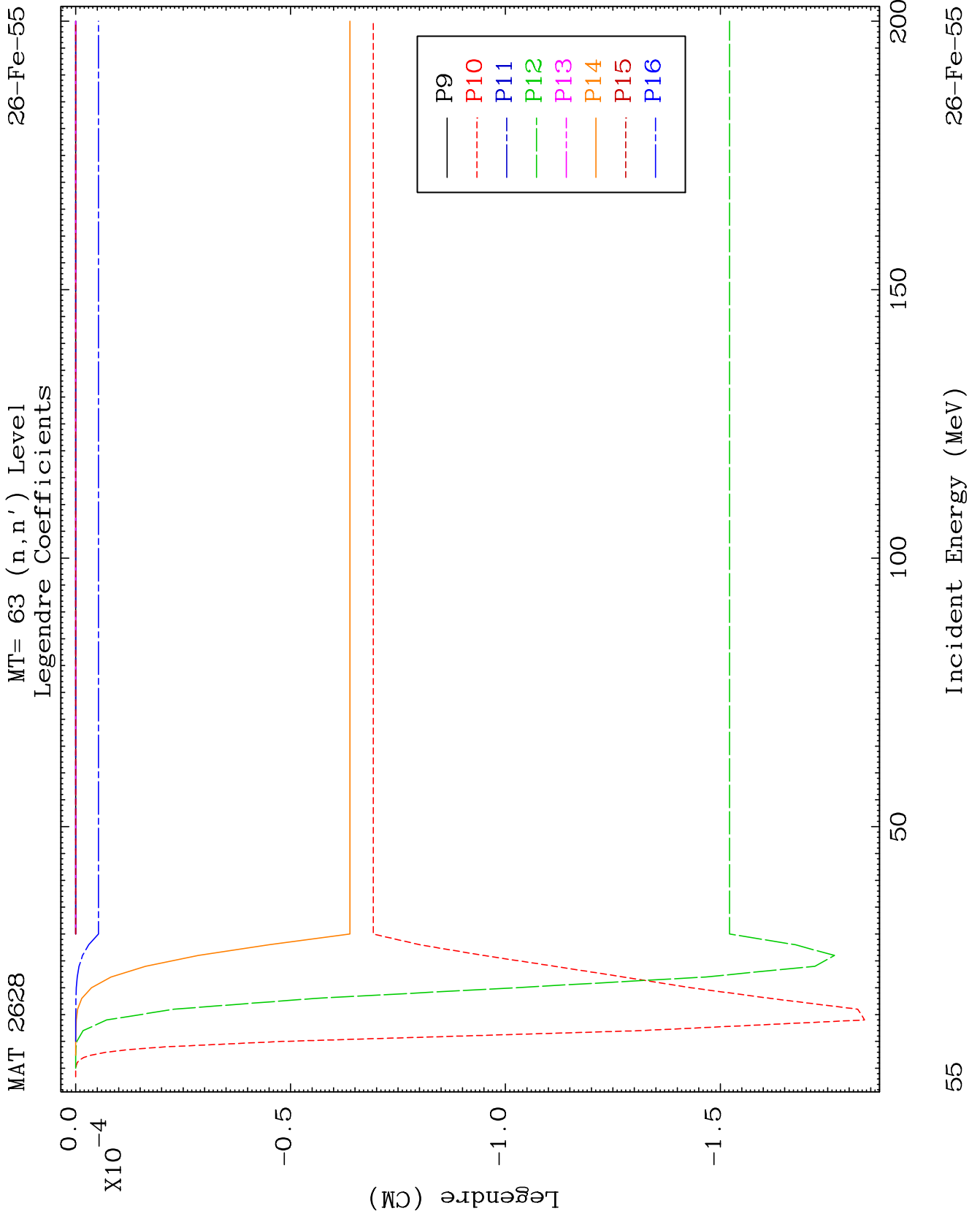
26-Fe-55

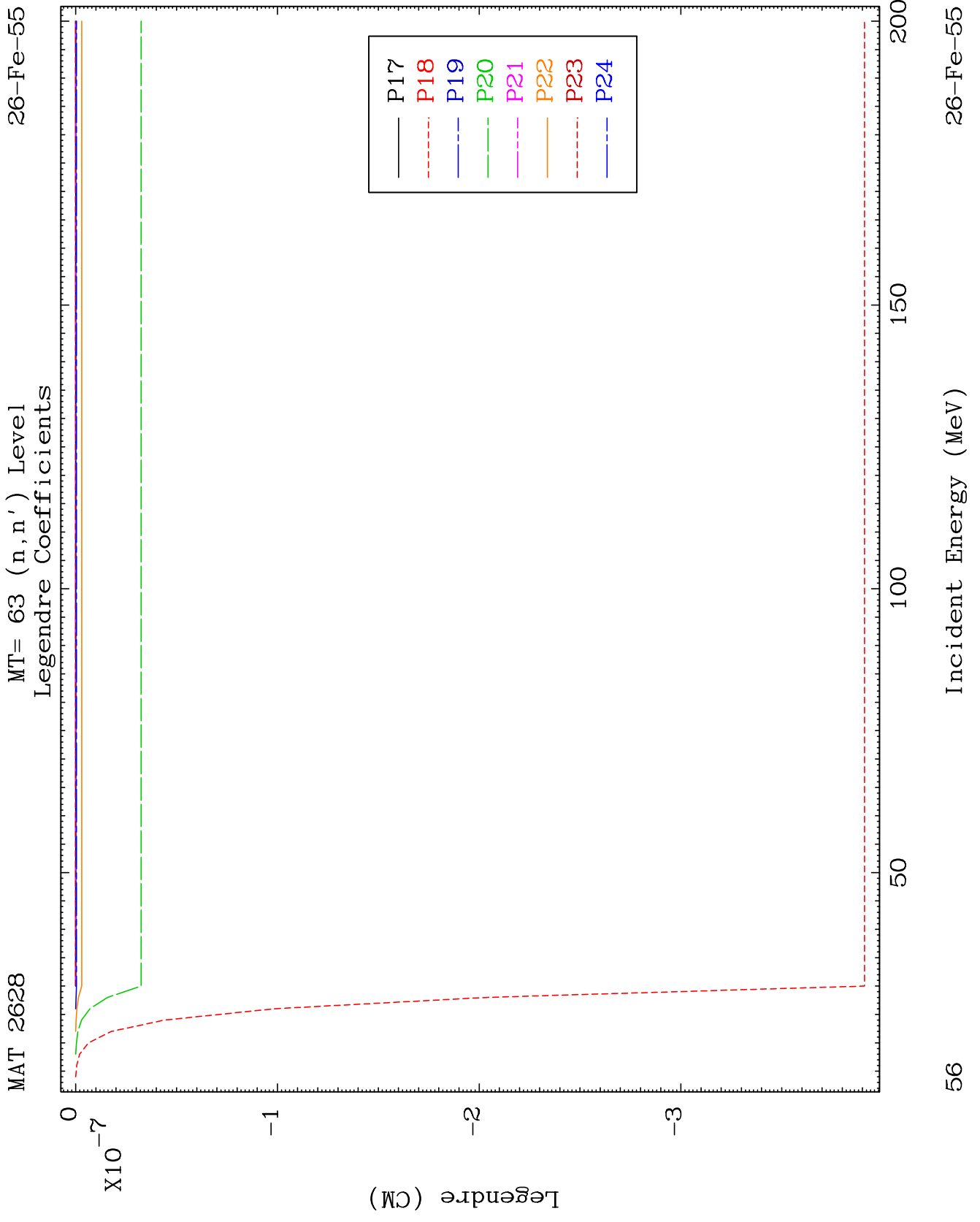
MAT 2628

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

26-Fe-55



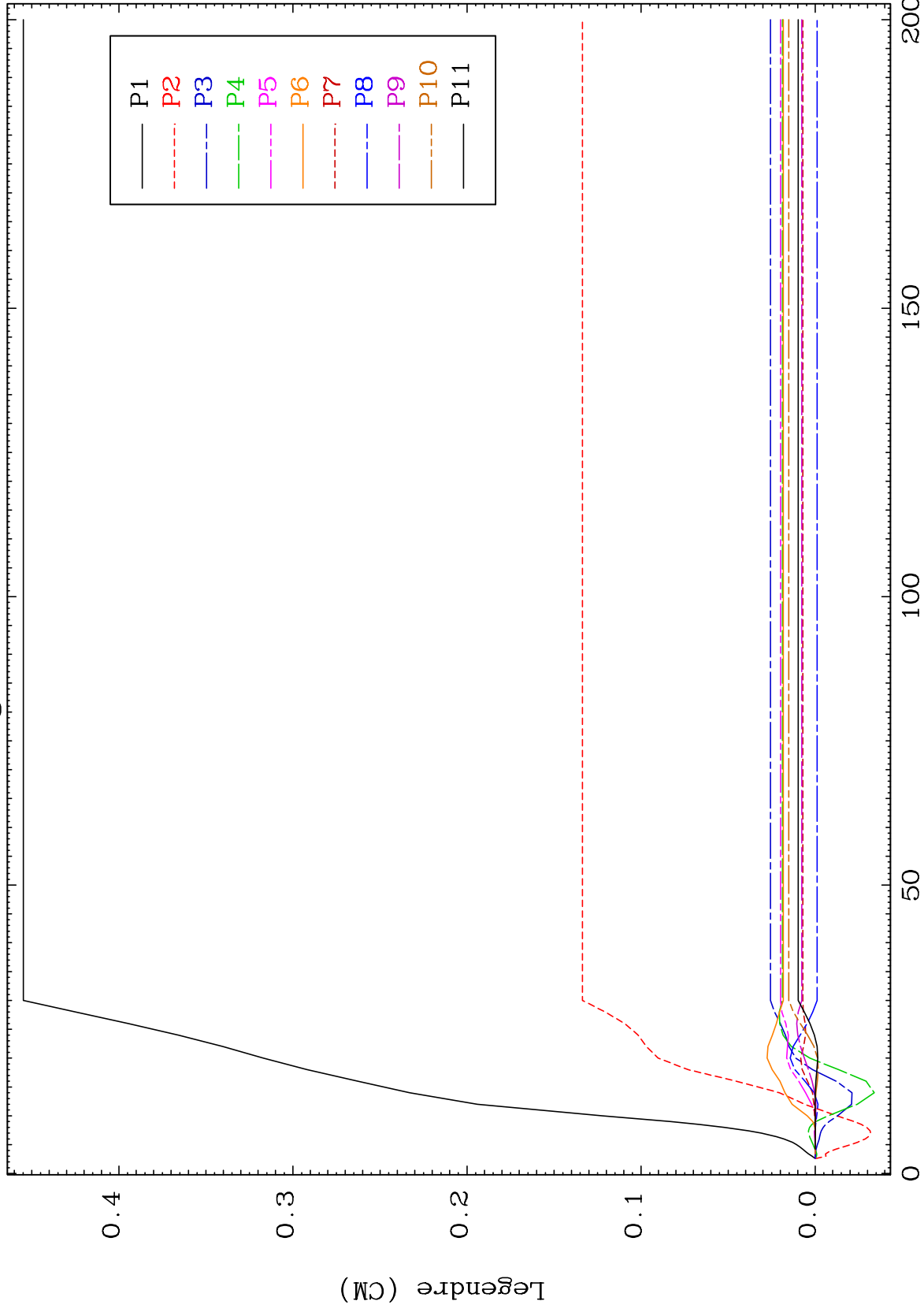




MAT 2628

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

26-Fe-55



57

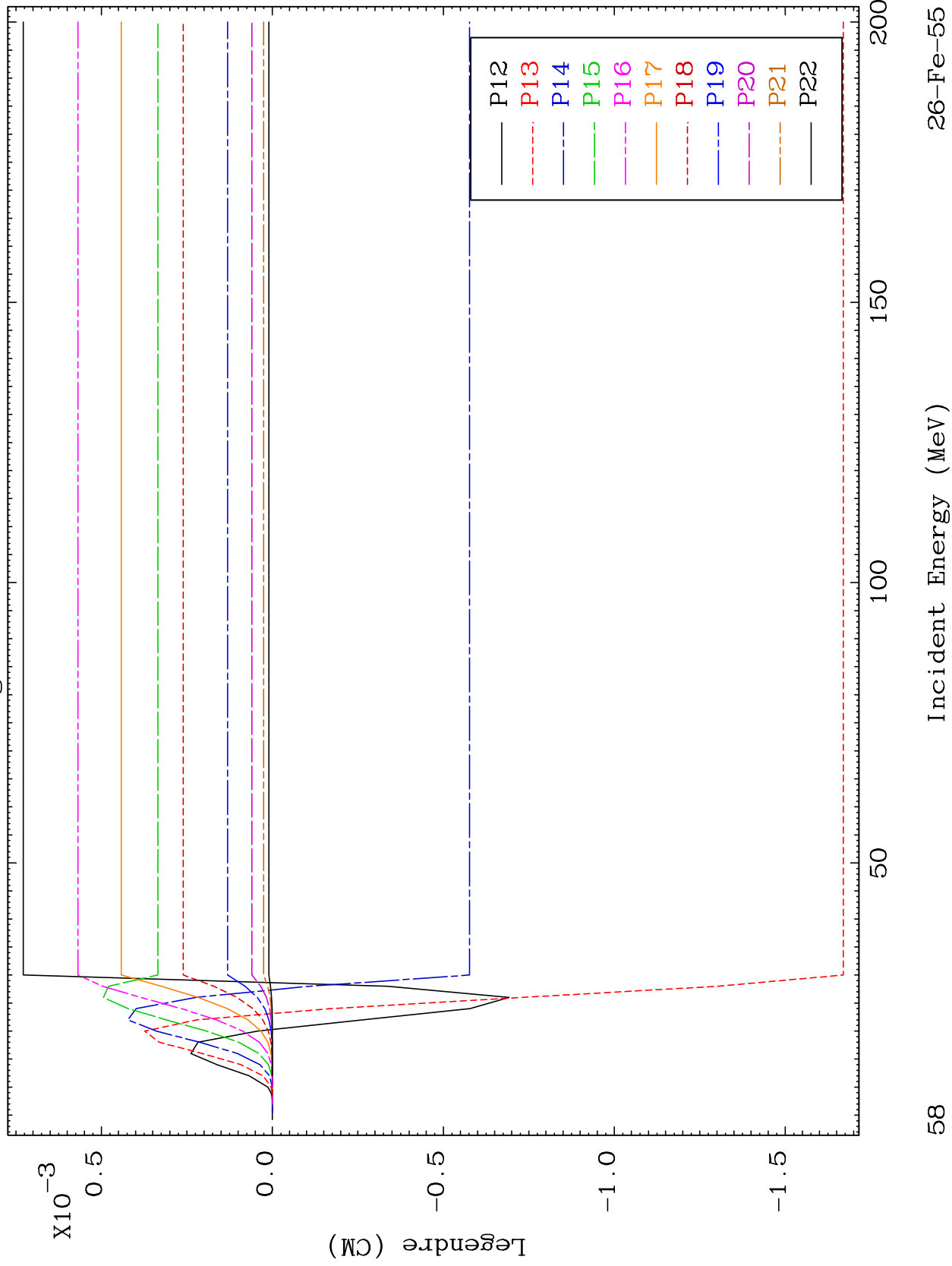
Incident Energy (MeV)

26-Fe-55

MAT 2628

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

26-Fe-55



58

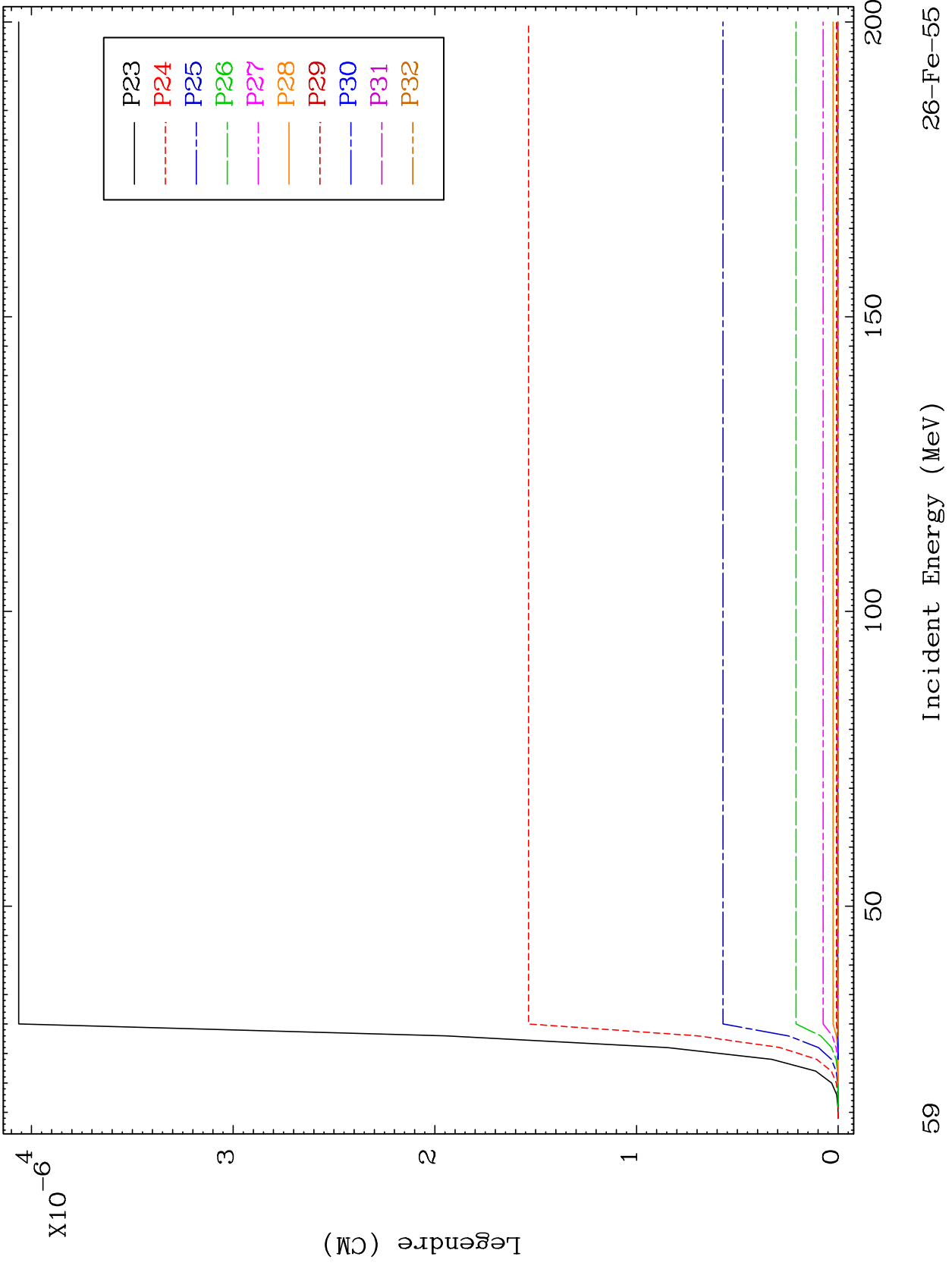
Incident Energy (MeV)

26-Fe-55

MAT 2628

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

26-Fe-55



59

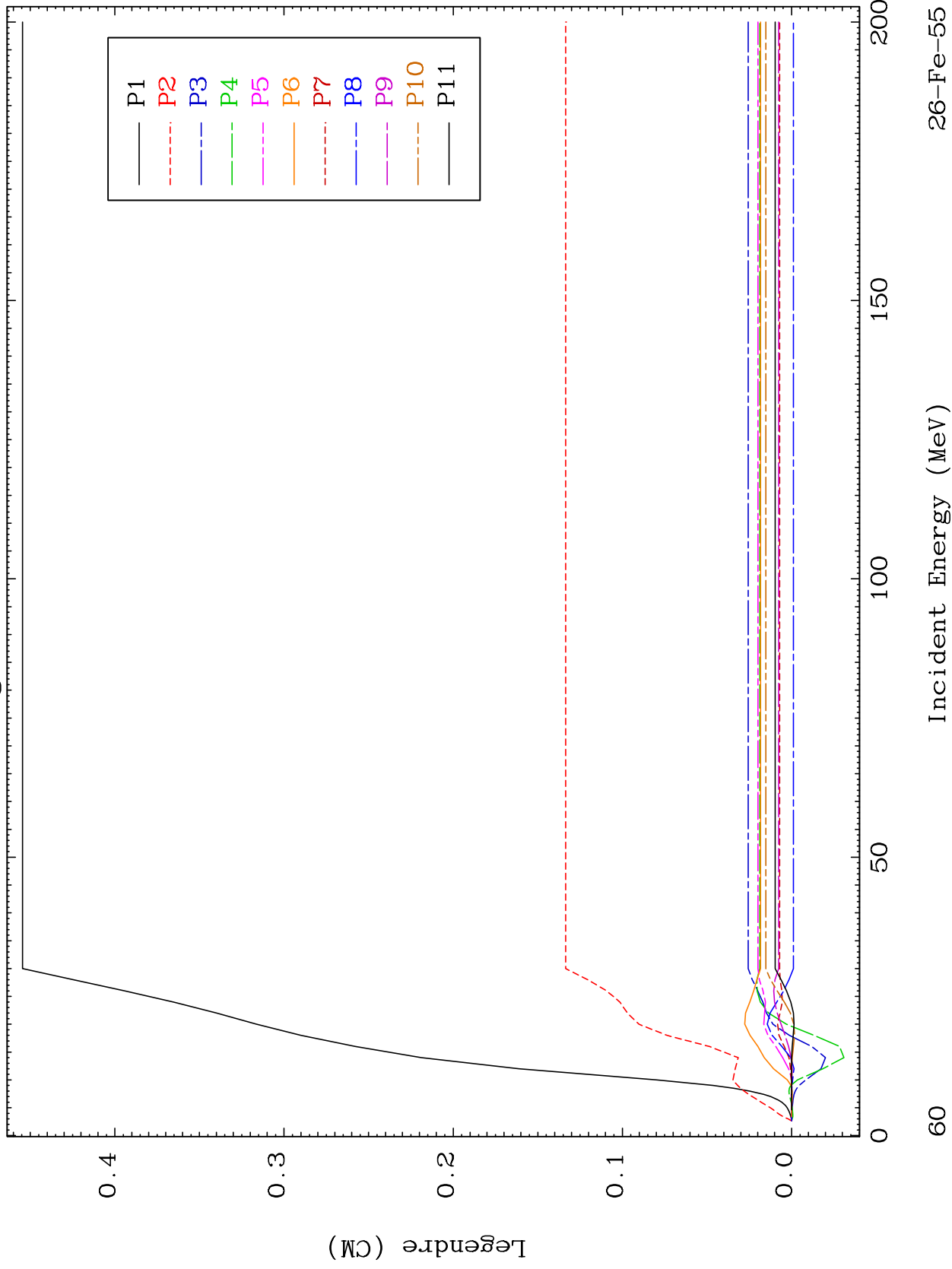
Incident Energy (MeV)

26-Fe-55

MAT 2628

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

26-Fe-55

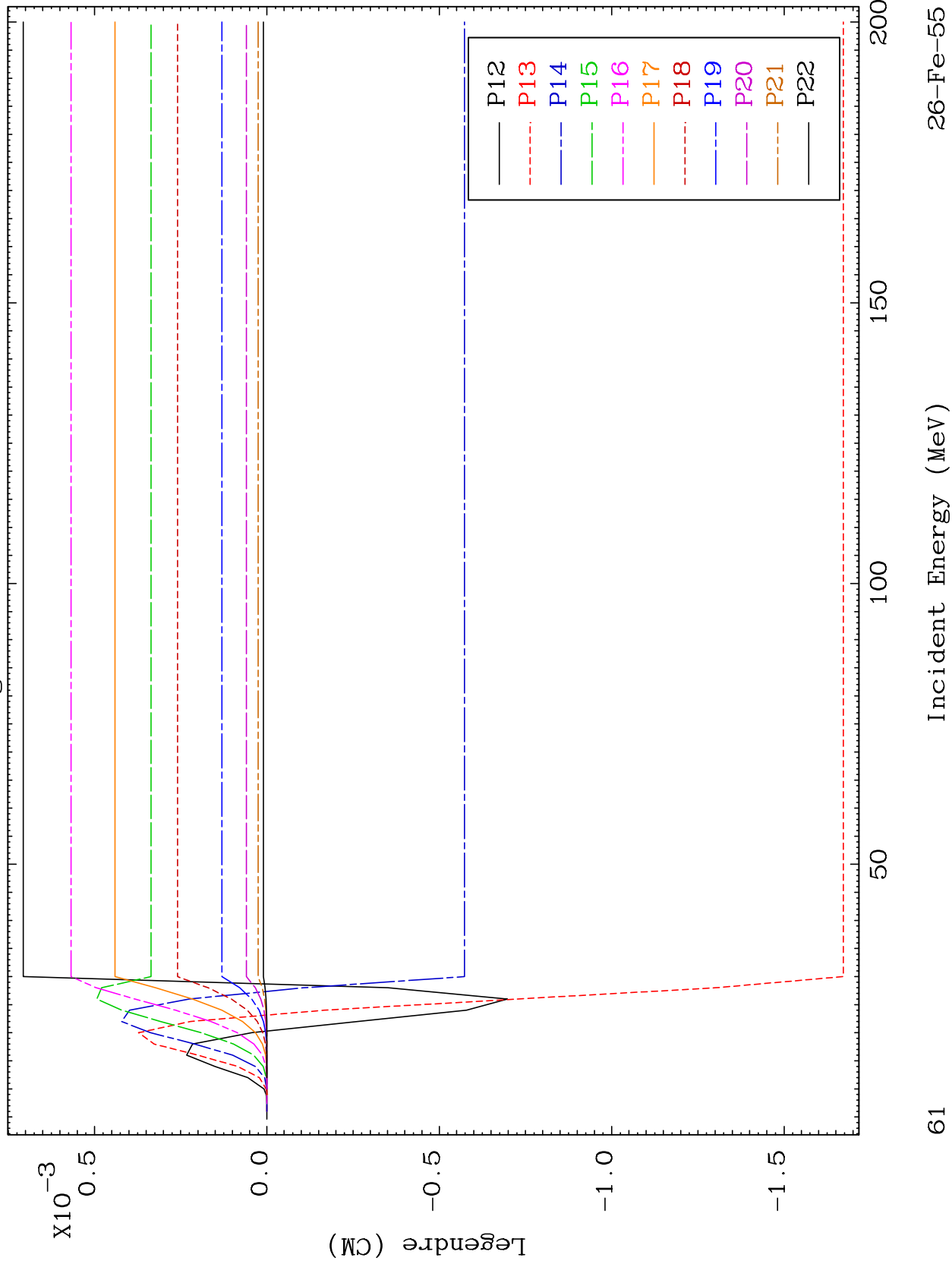


26-Fe-55

MAT 2628

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

26-Fe-55



61

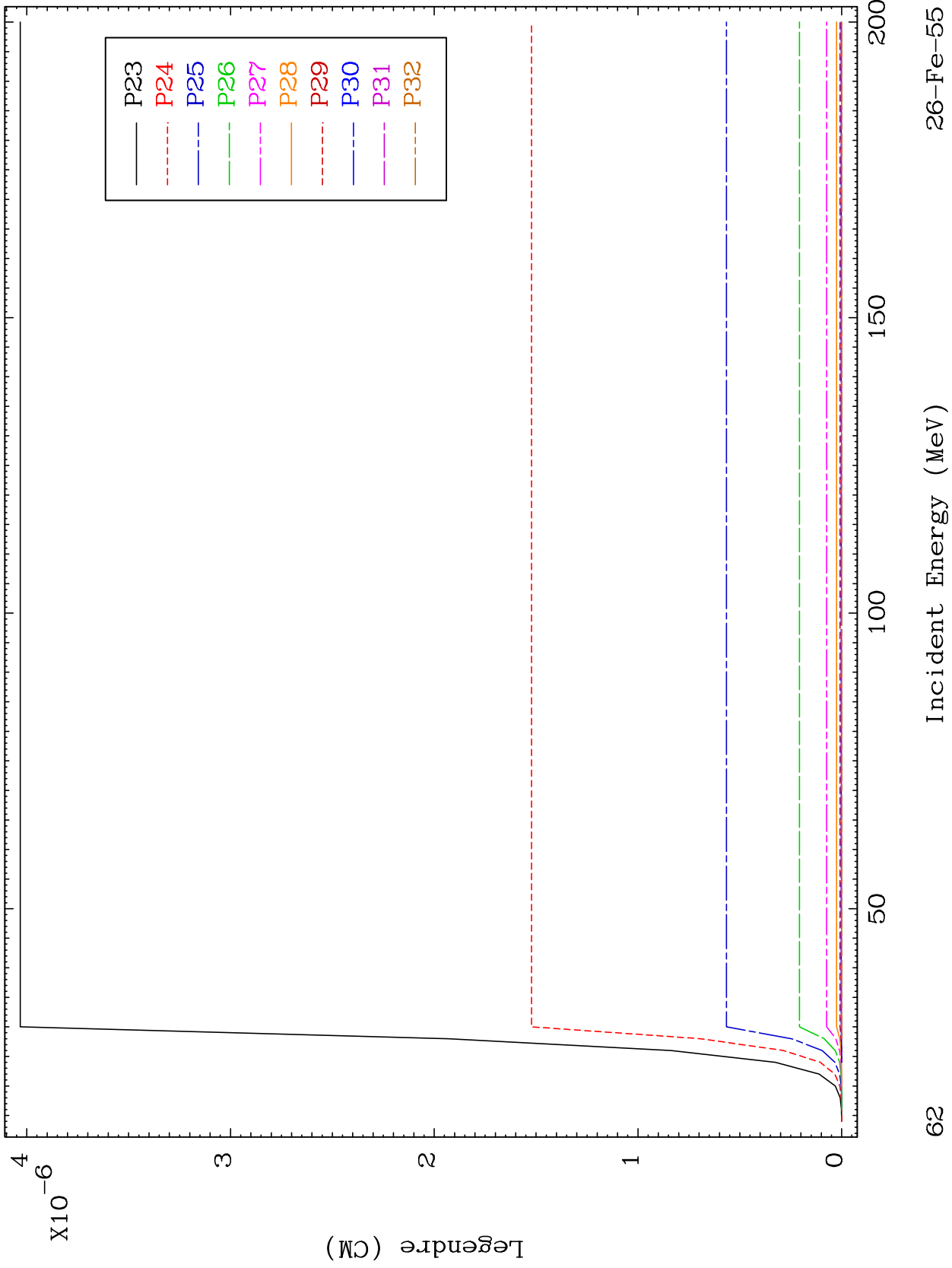
Incident Energy (MeV)

26-Fe-55

MAT 2628

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

26-Fe-55



62

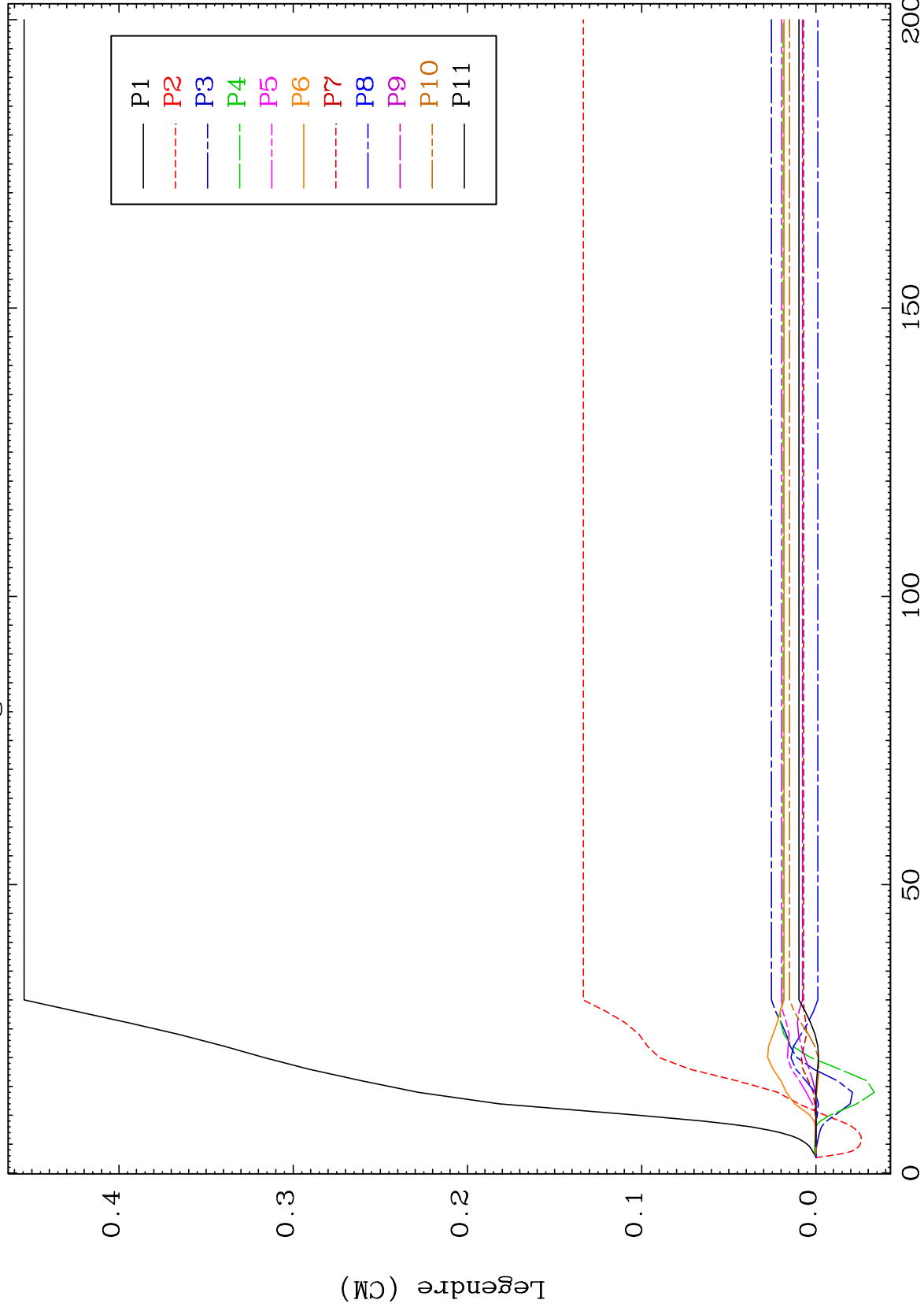
Incident Energy (MeV)

26-Fe-55

MAT 2628

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

26-Fe-55



63

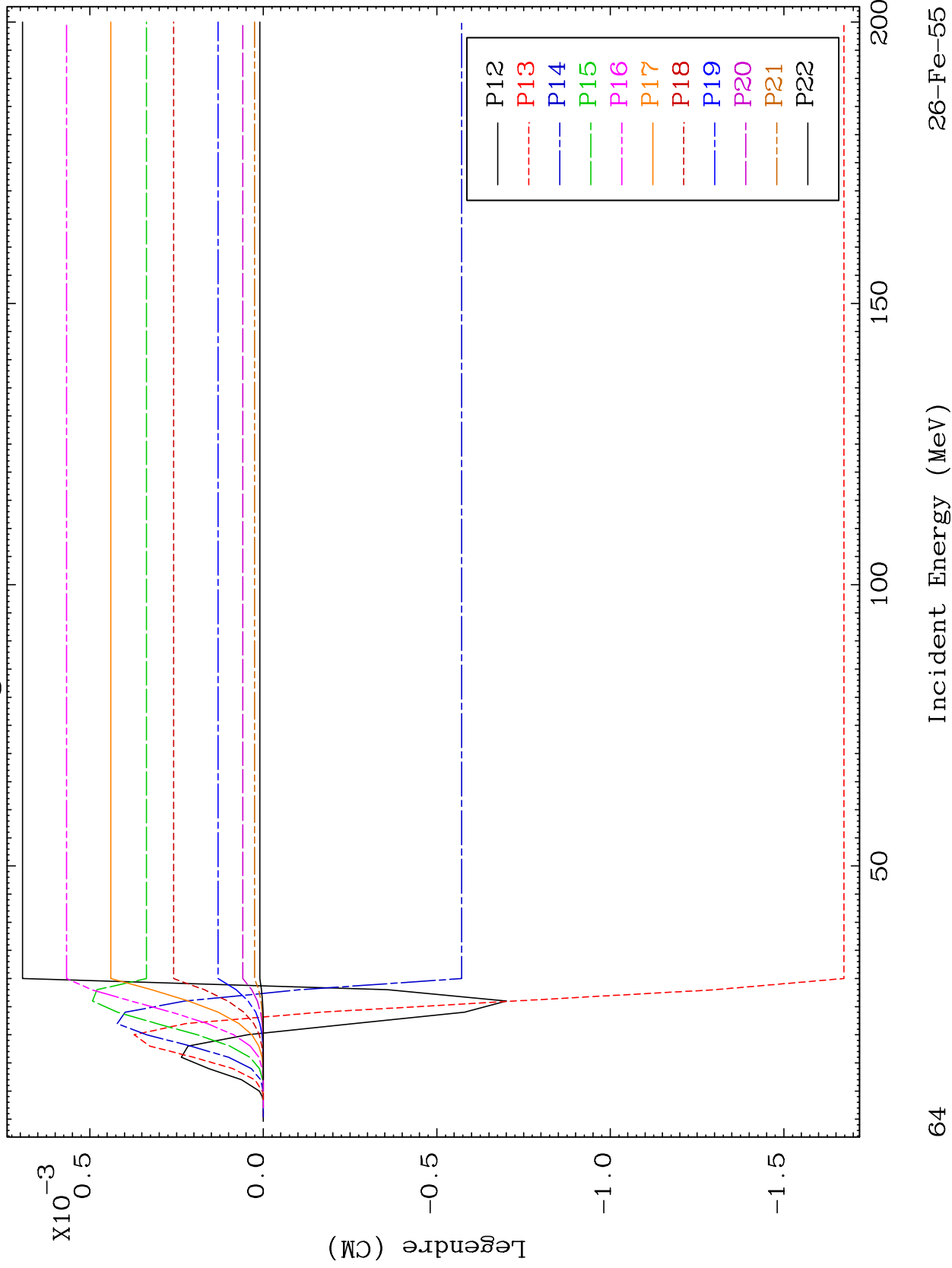
Incident Energy (MeV)

26-Fe-55

MAT 2628

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

26-Fe-55



64

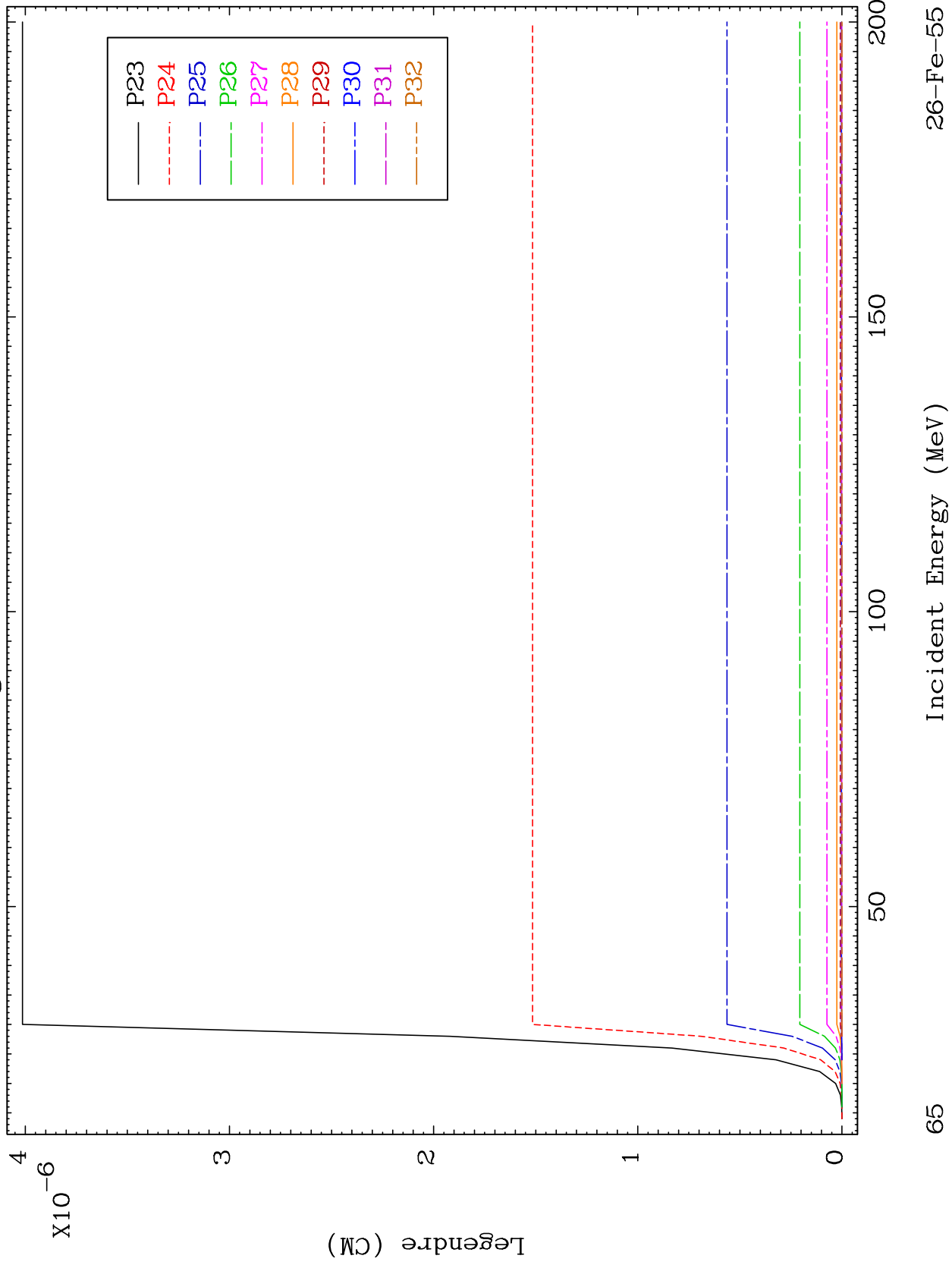
Incident Energy (MeV)

26-Fe-55

MAT 2628

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

26-Fe-55



65

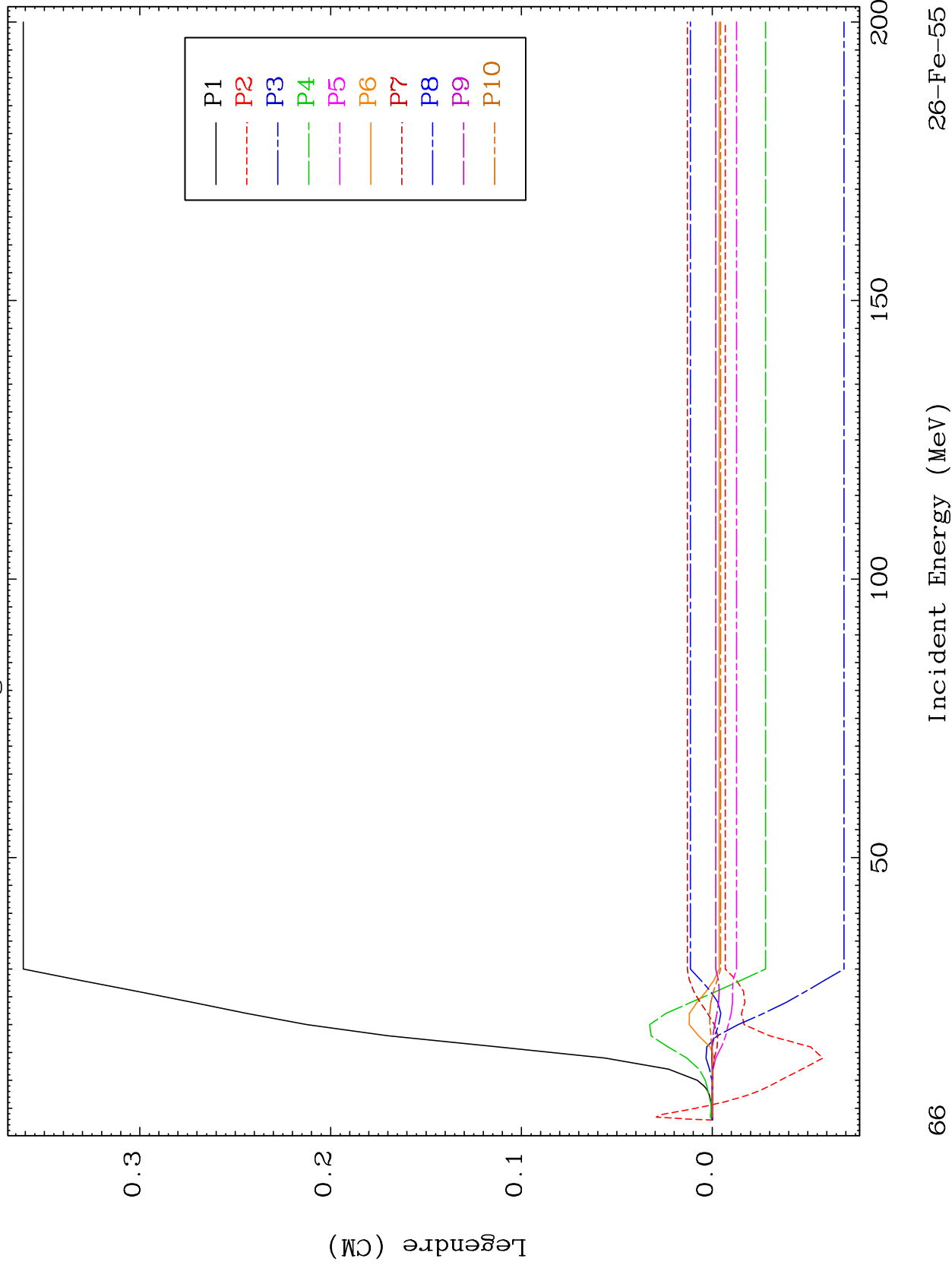
Incident Energy (MeV)

26-Fe-55

MAT 2628

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

26-Fe-55



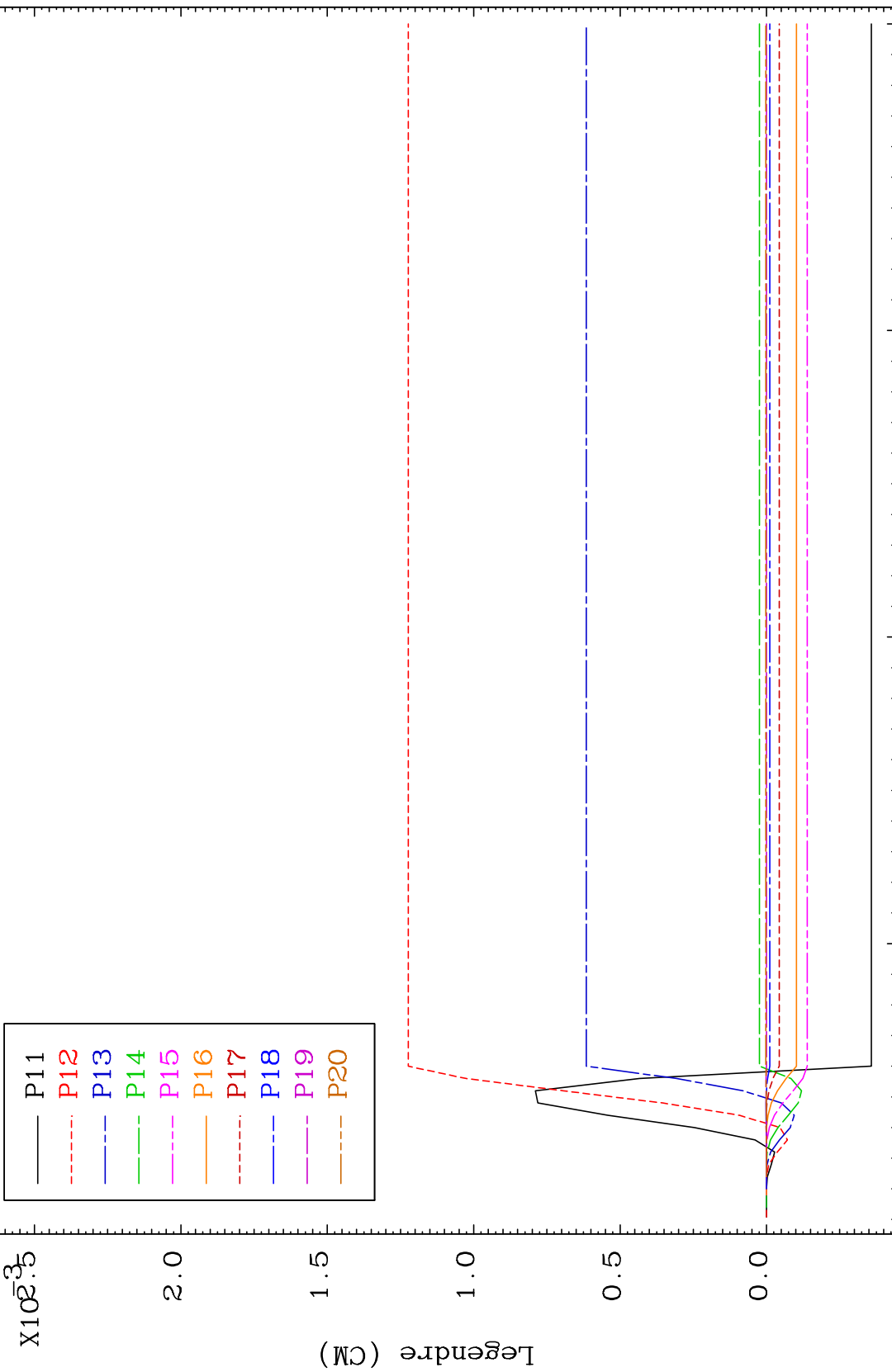
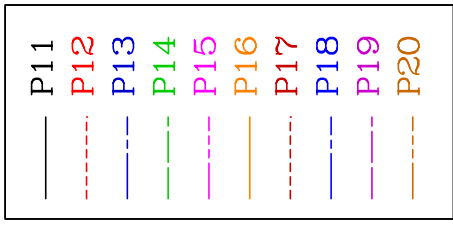
66

26-Fe-55

MAT 2628

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

26-Fe-55



67

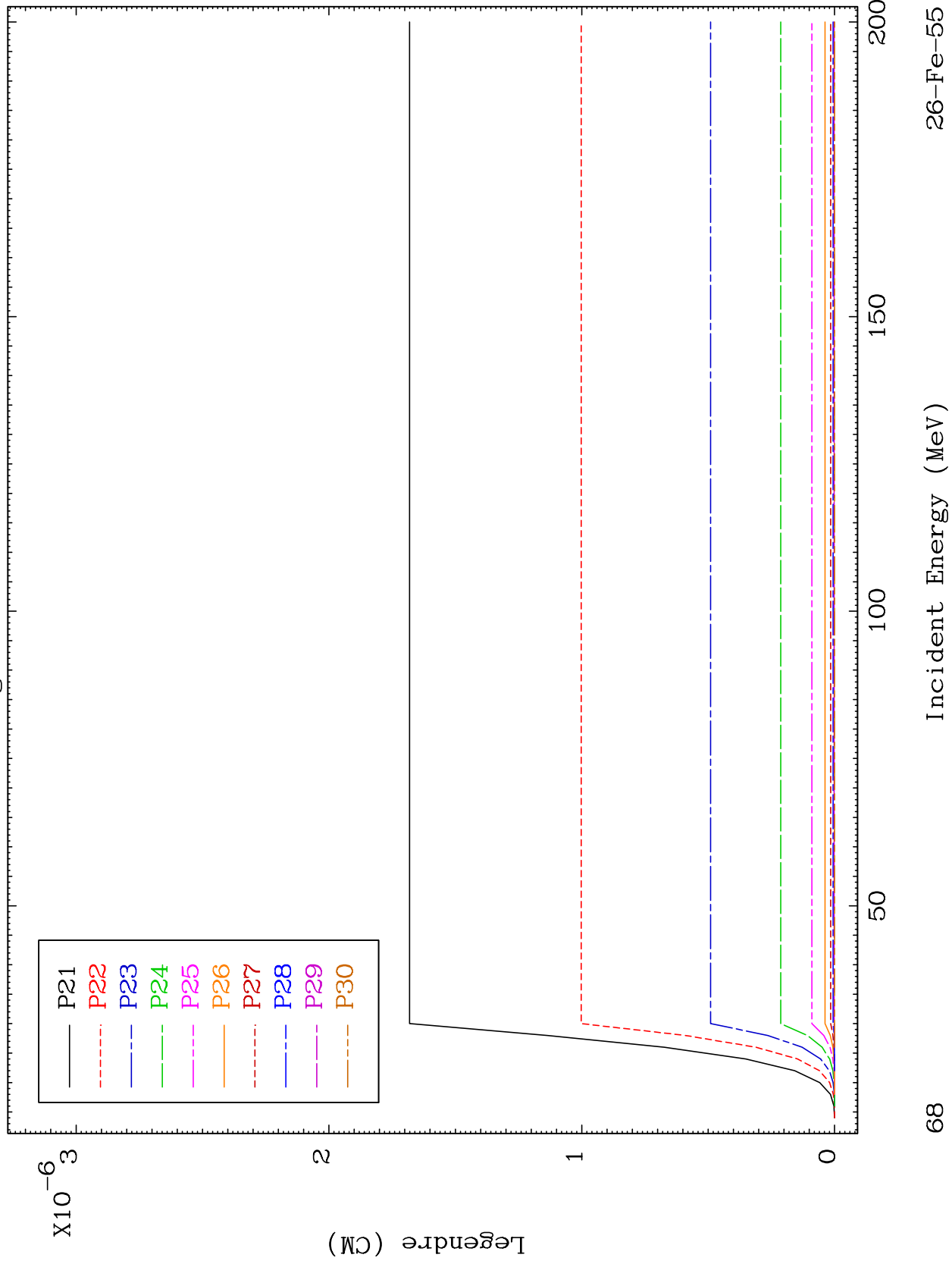
Incident Energy (MeV)

26-Fe-55

MAT 2628

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

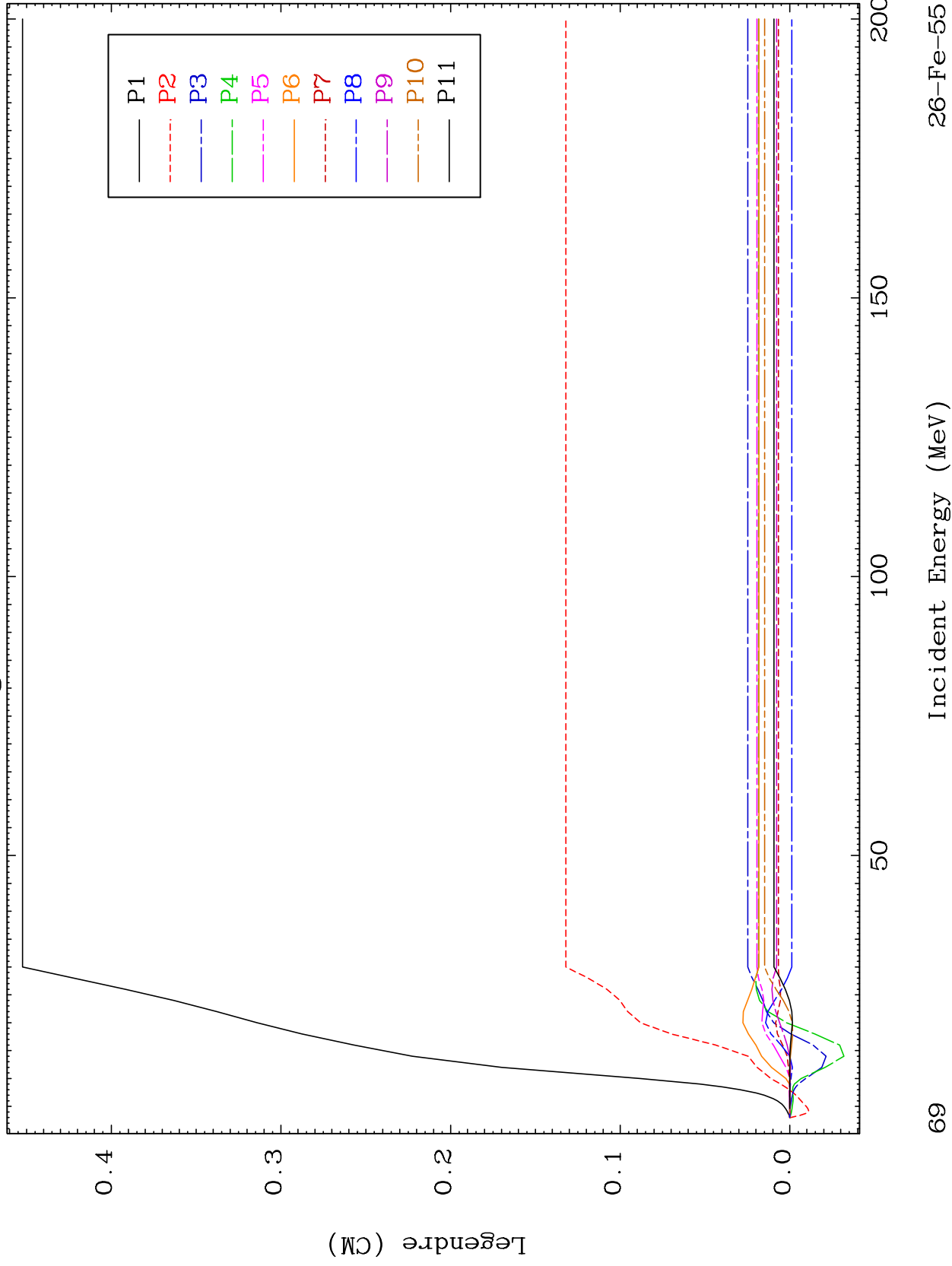
26-Fe-55



MAT 2628

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

26-Fe-55



69

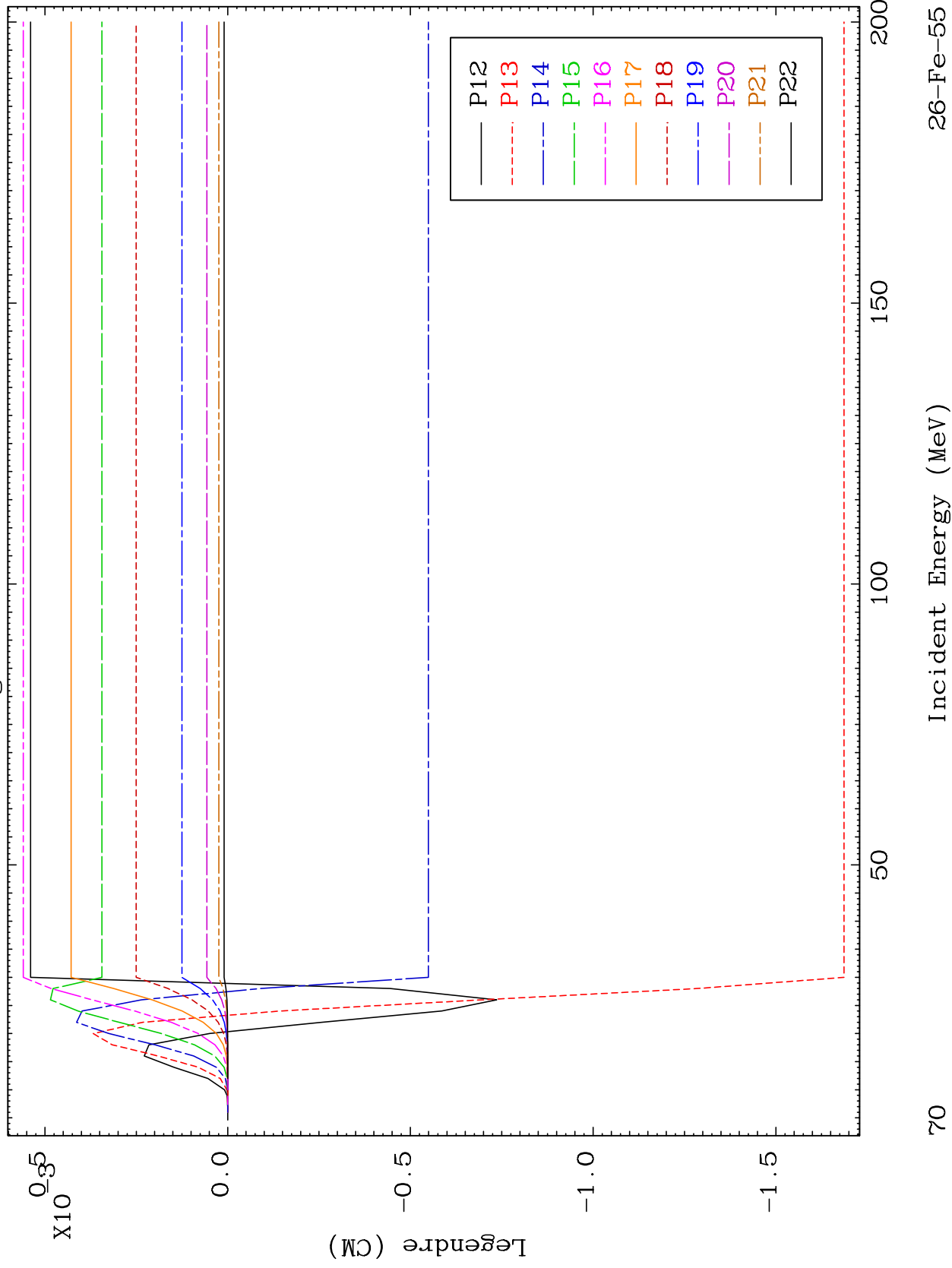
Incident Energy (MeV)

26-Fe-55

MAT 2628

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

26-Fe-55



70

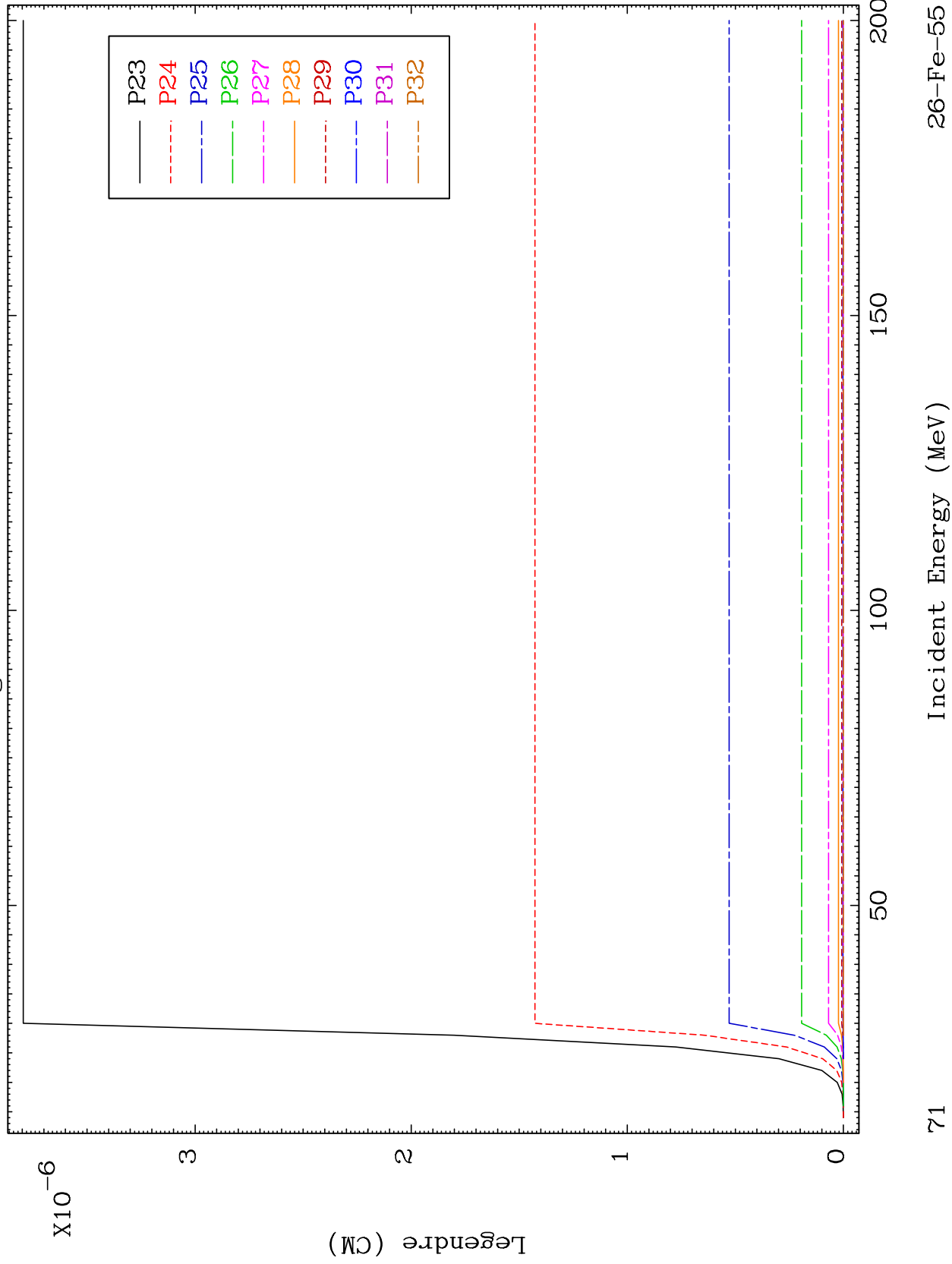
Incident Energy (MeV)

26-Fe-55

MAT 2628

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

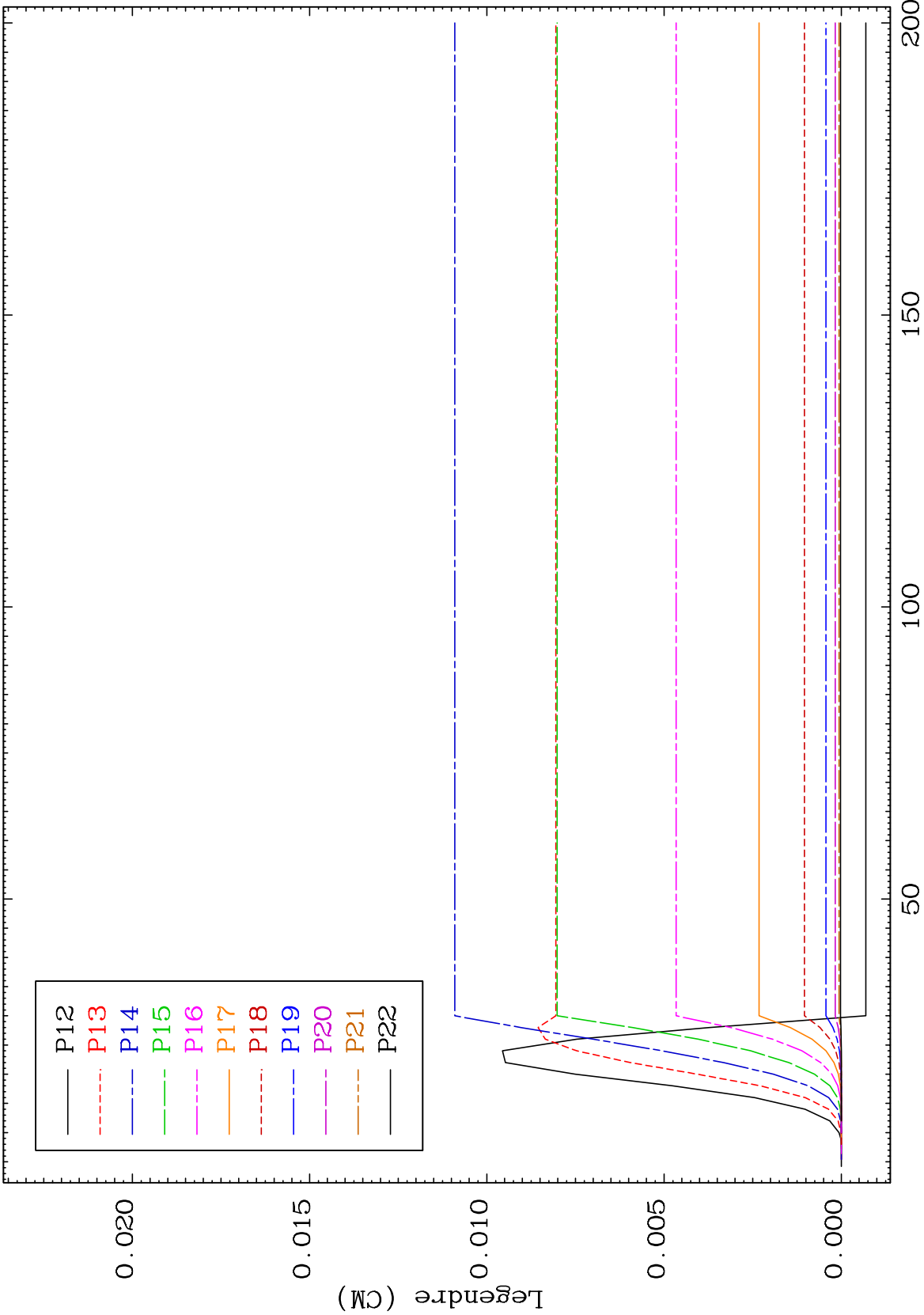
26-Fe-55



71

Incident Energy (MeV)

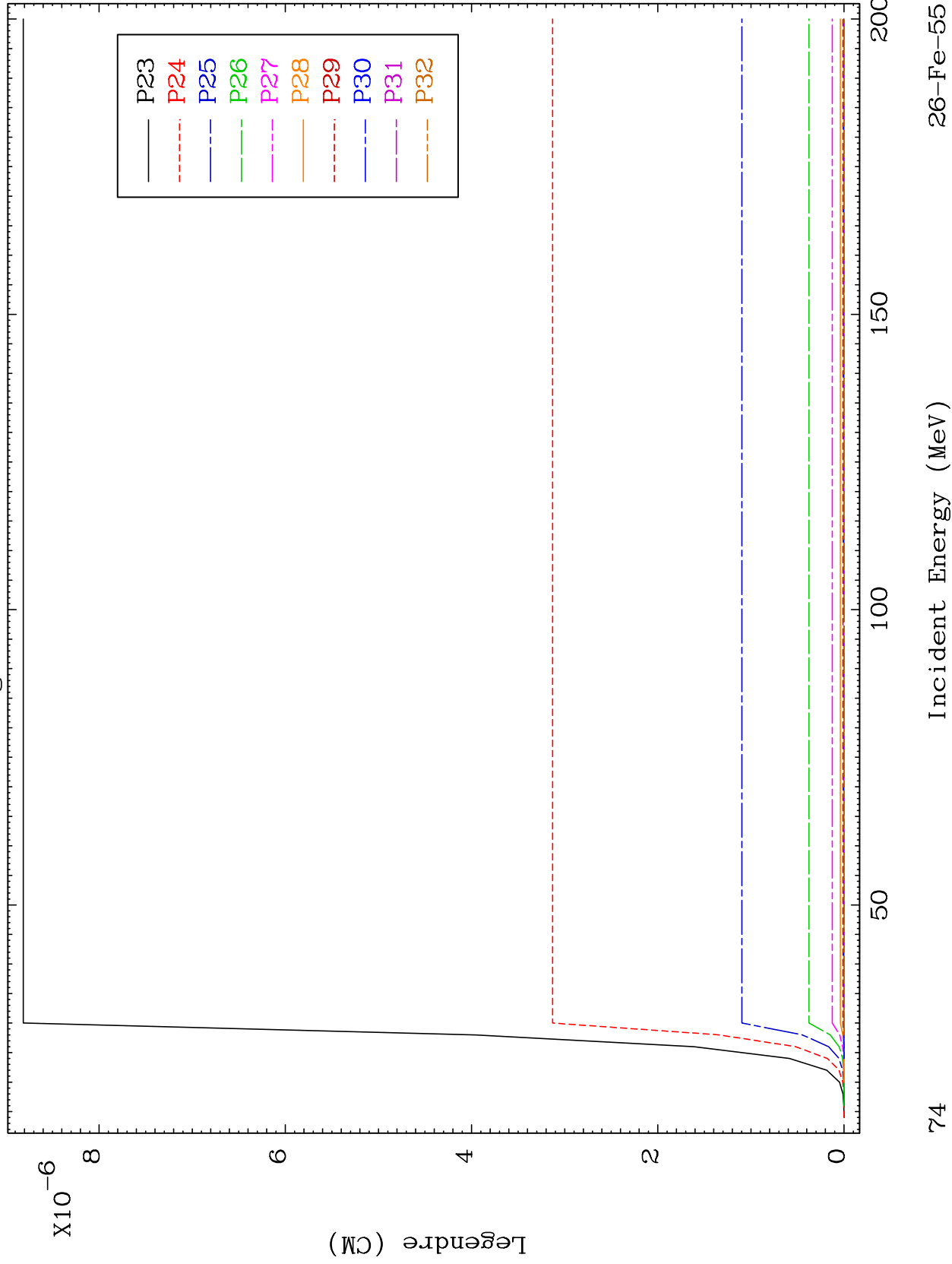
26-Fe-55



MAT 2628

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

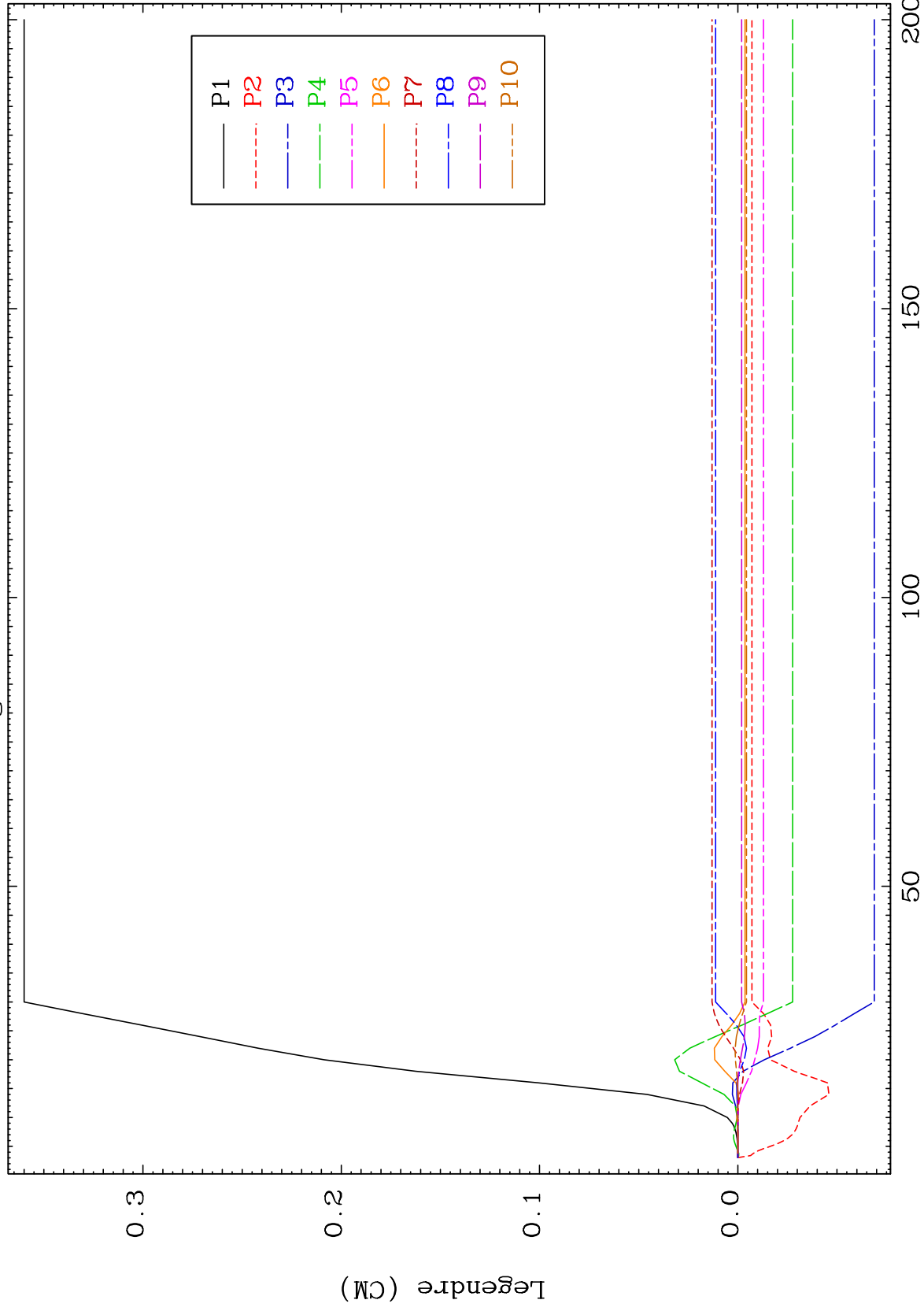
26-Fe-55



MAT 2628

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

26-Fe-55



75

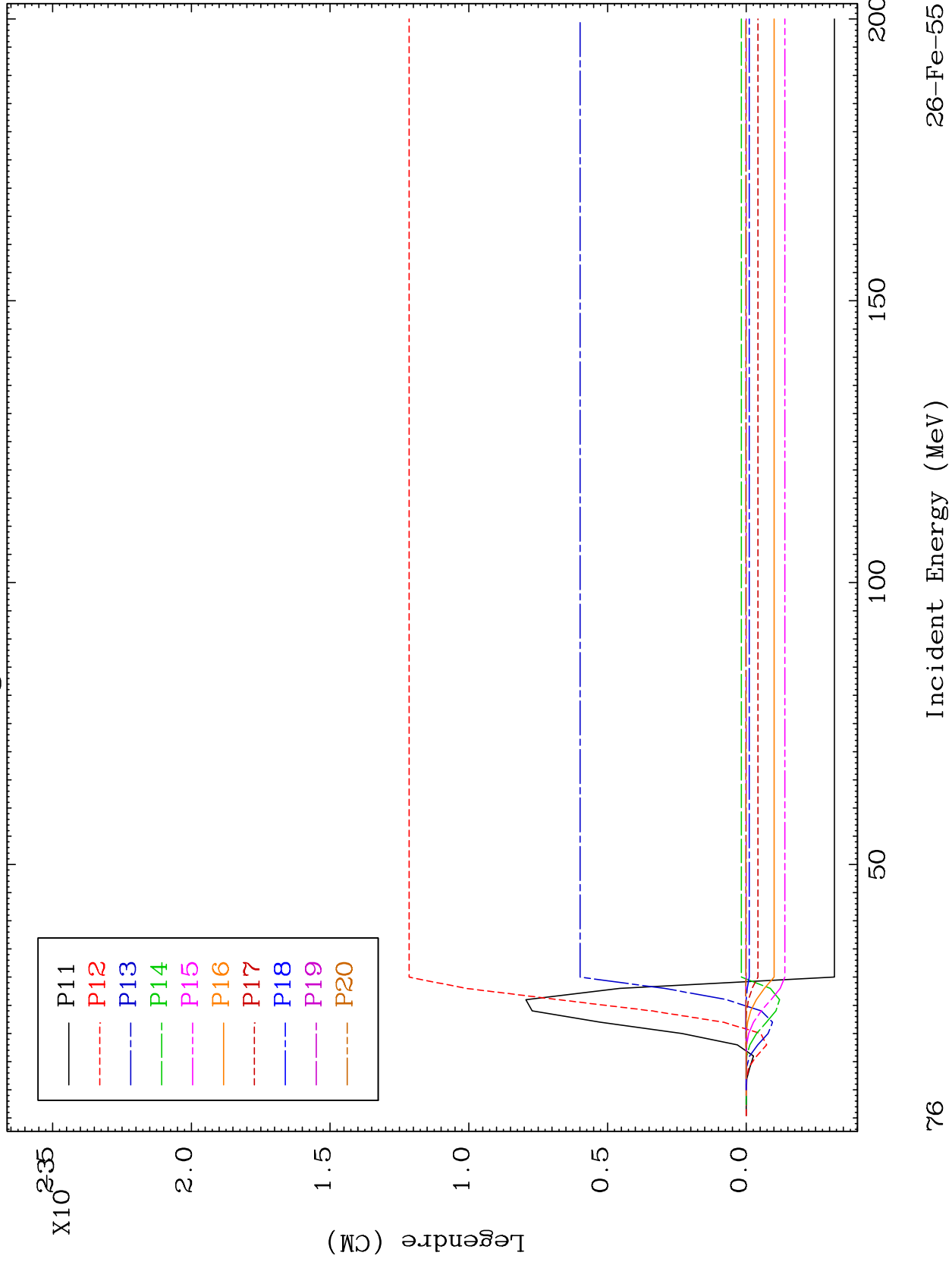
Incident Energy (MeV)

26-Fe-55

MAT 2628

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

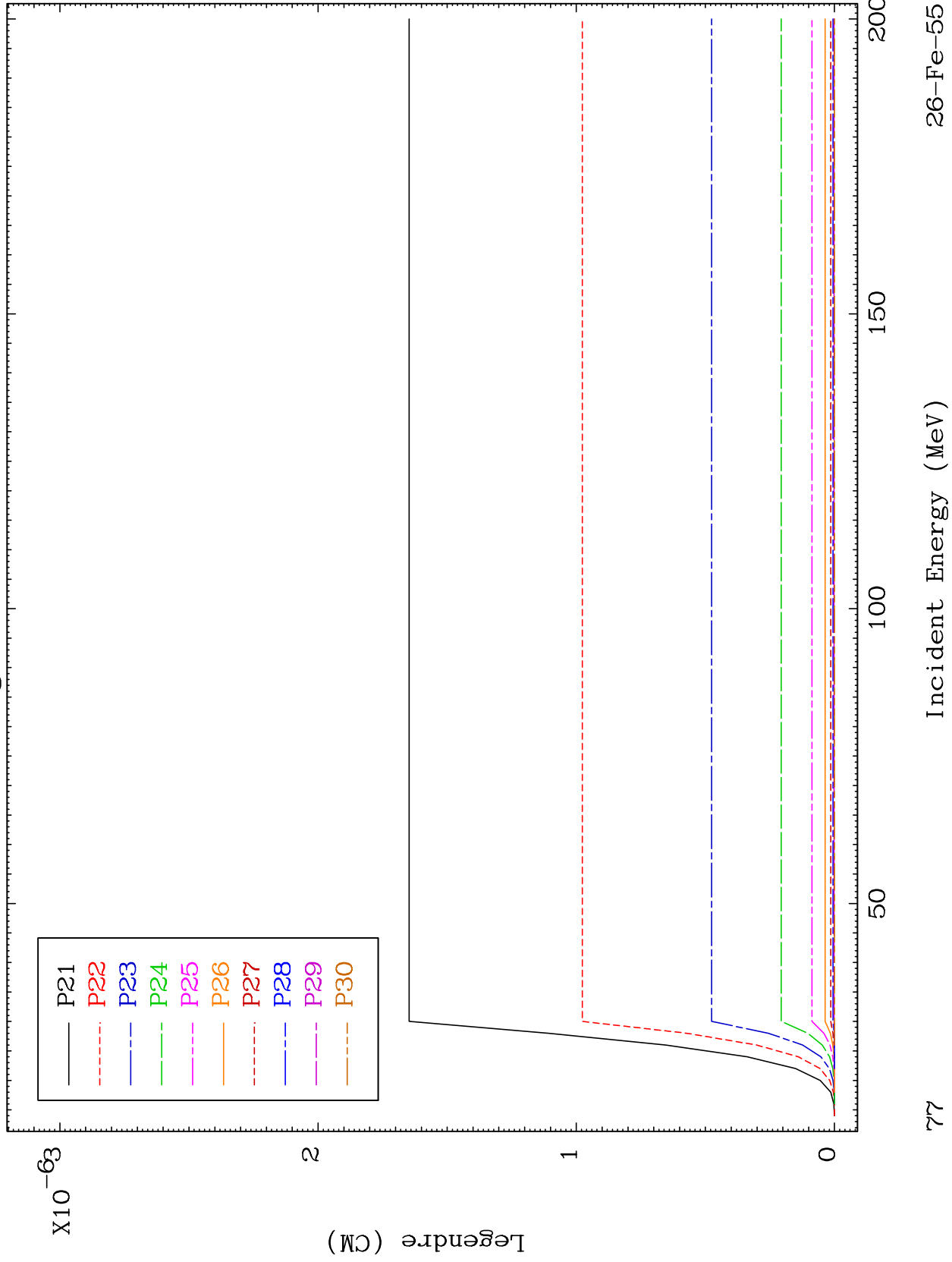
26-Fe-55



MAT 2628

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

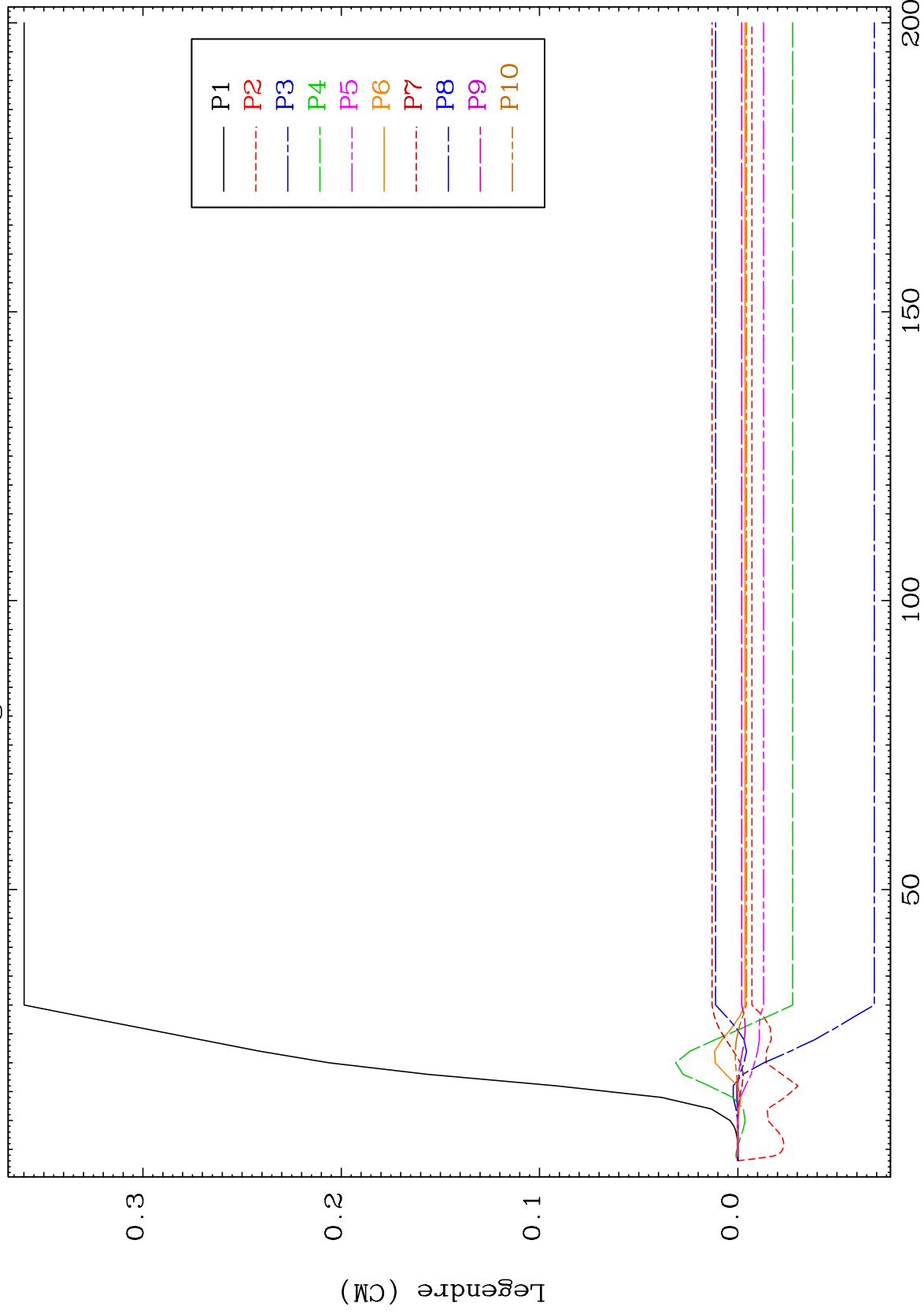
26-Fe-55



MAT 2628

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

26-Fe-55



78

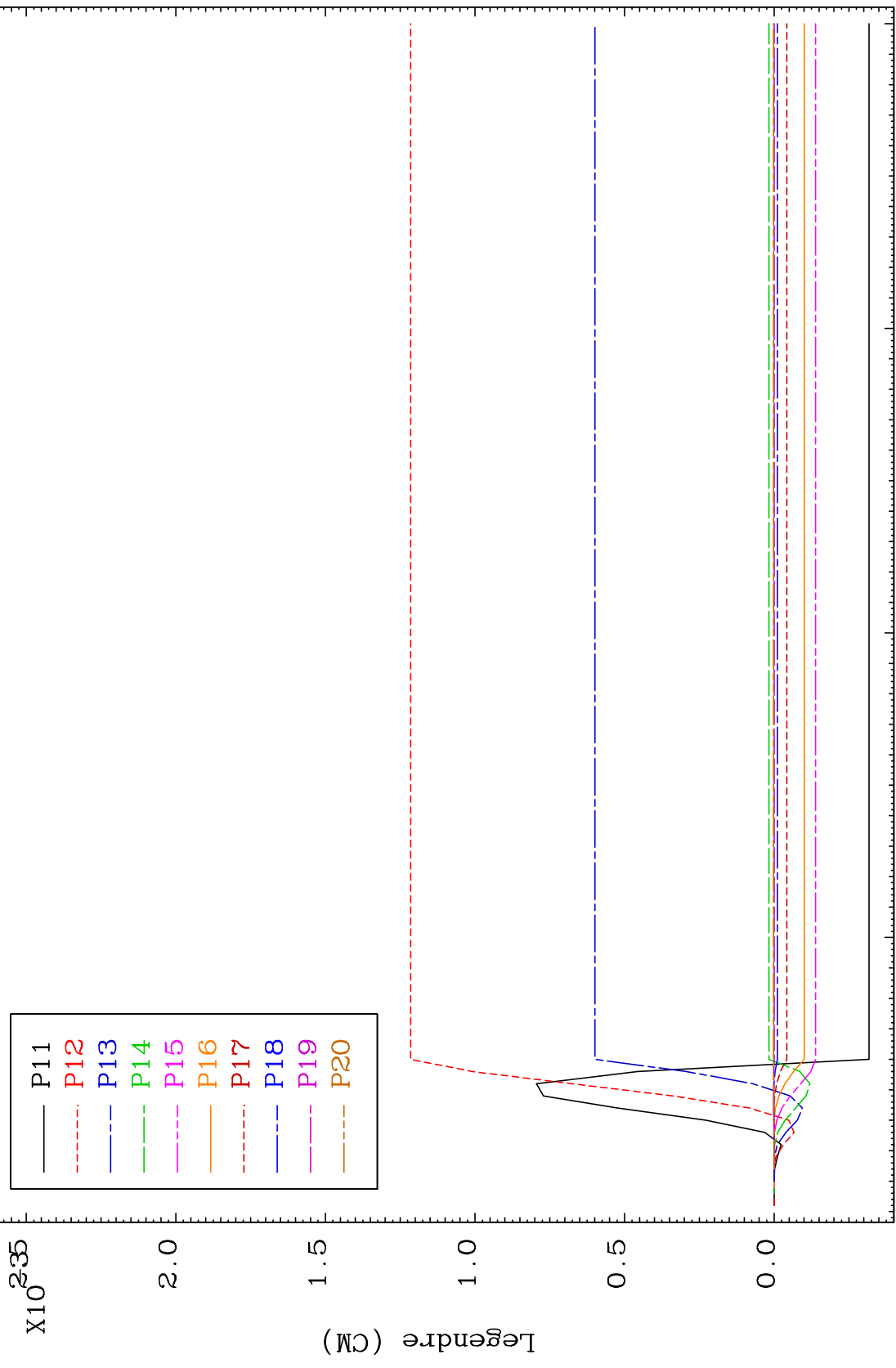
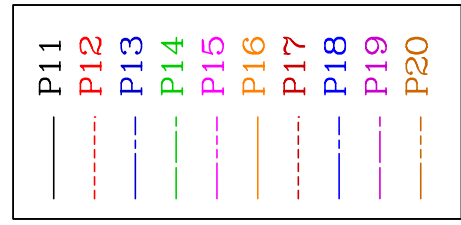
Incident Energy (MeV)

26-Fe-55

MAT 2628

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

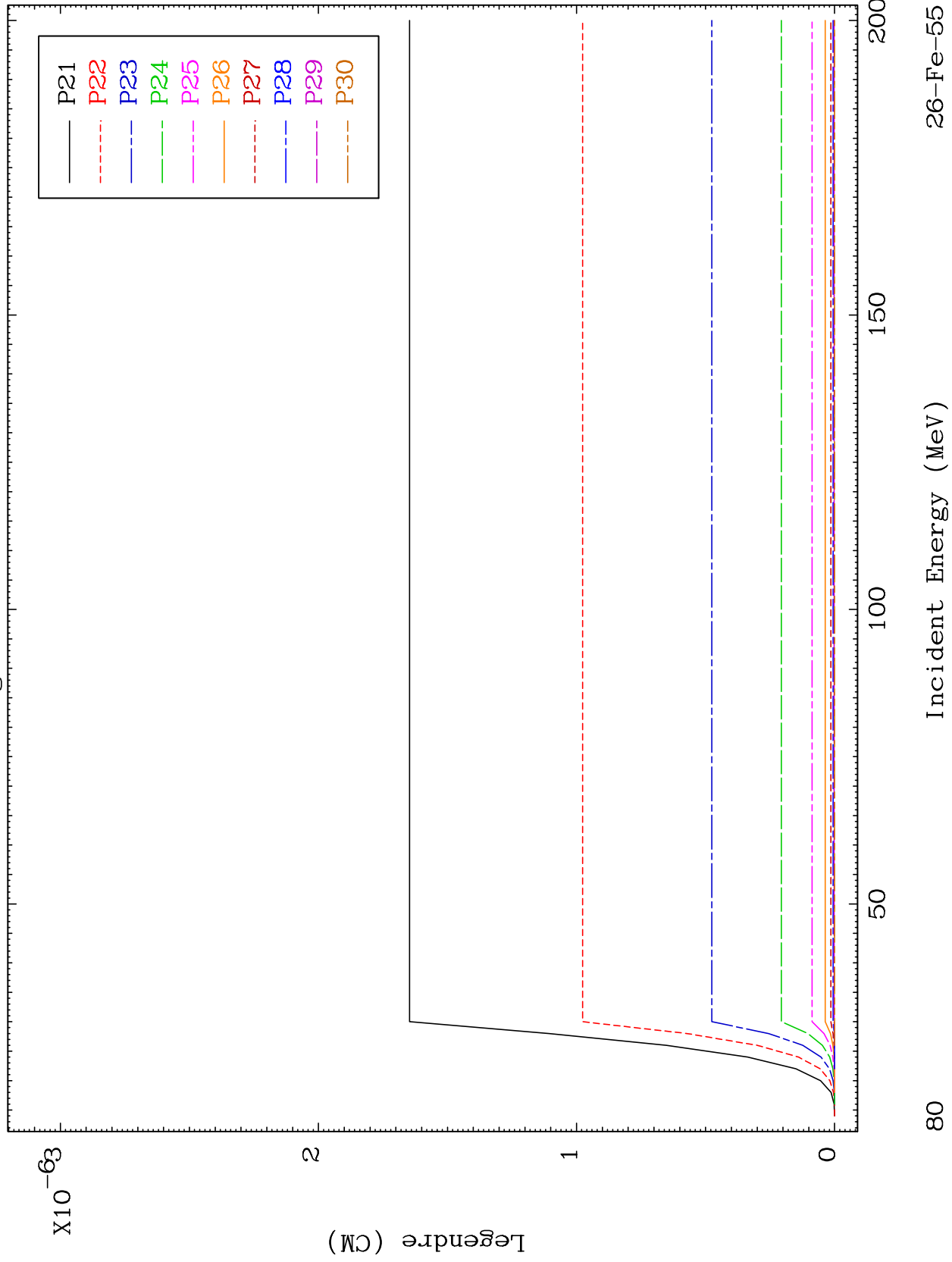
26-Fe-55

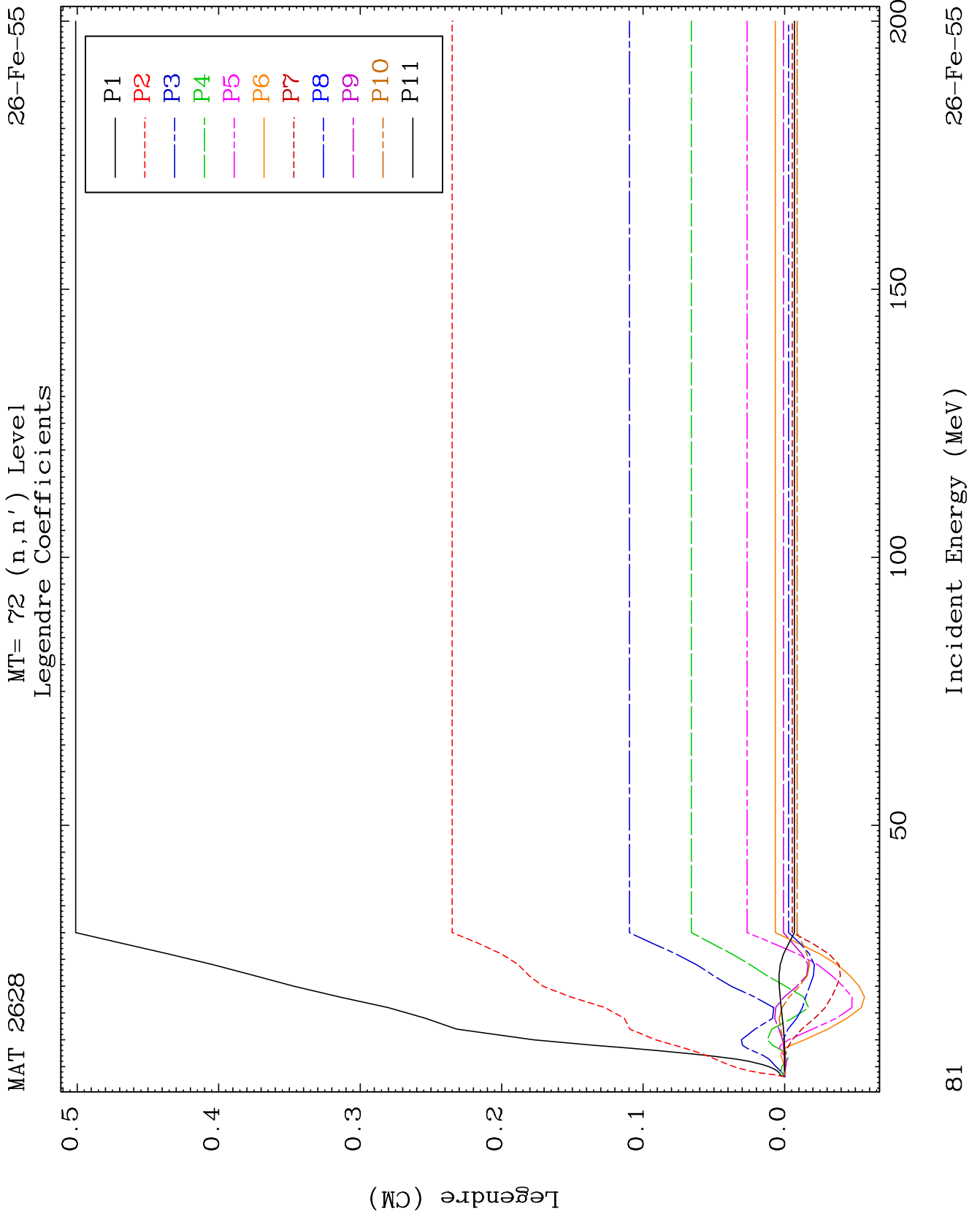


MAT 2628

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

26-Fe-55

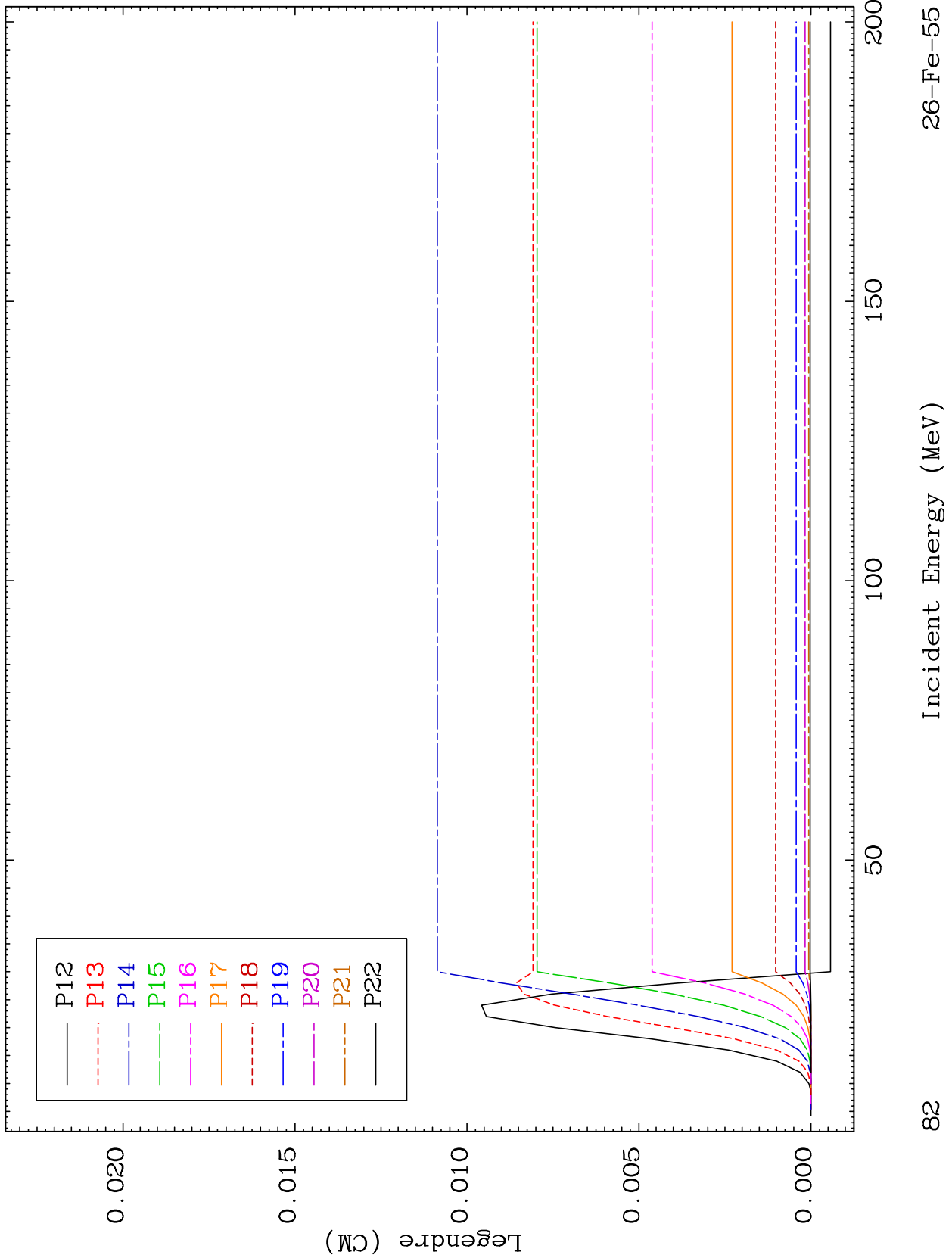




MAT 2628

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

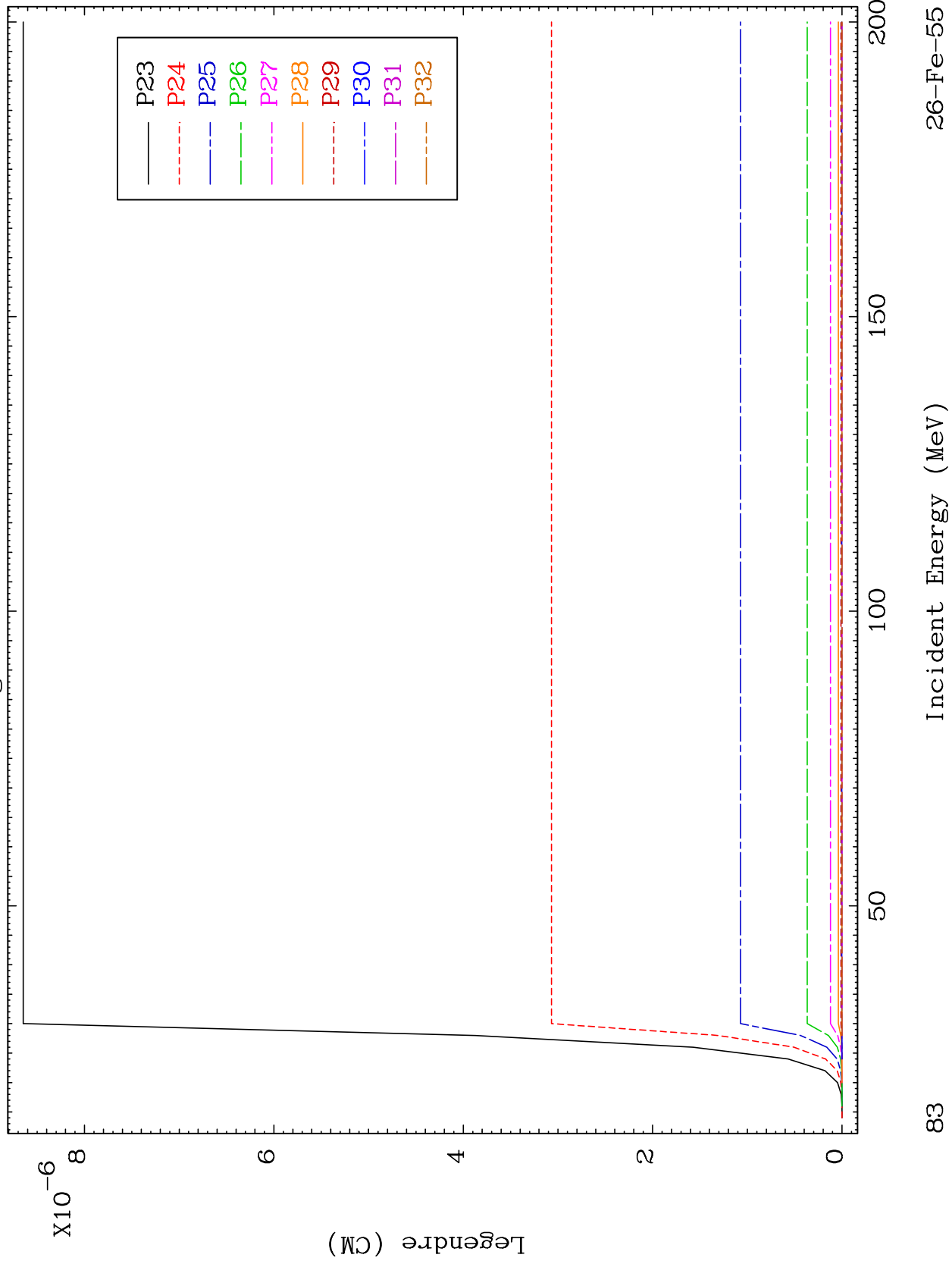
26-Fe-55



MAT 2628

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

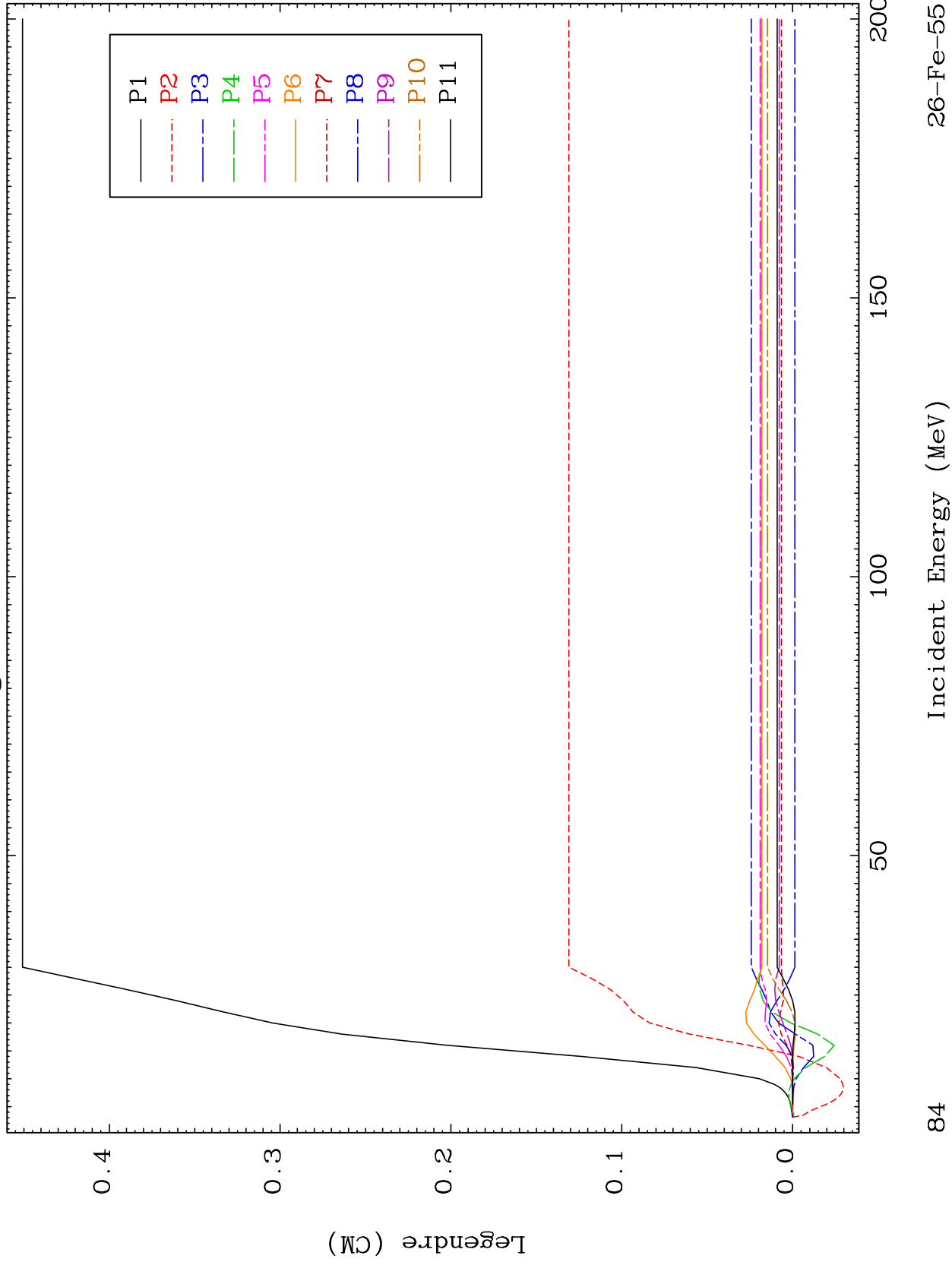
26-Fe-55



MAT 2628

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

26-Fe-55



84

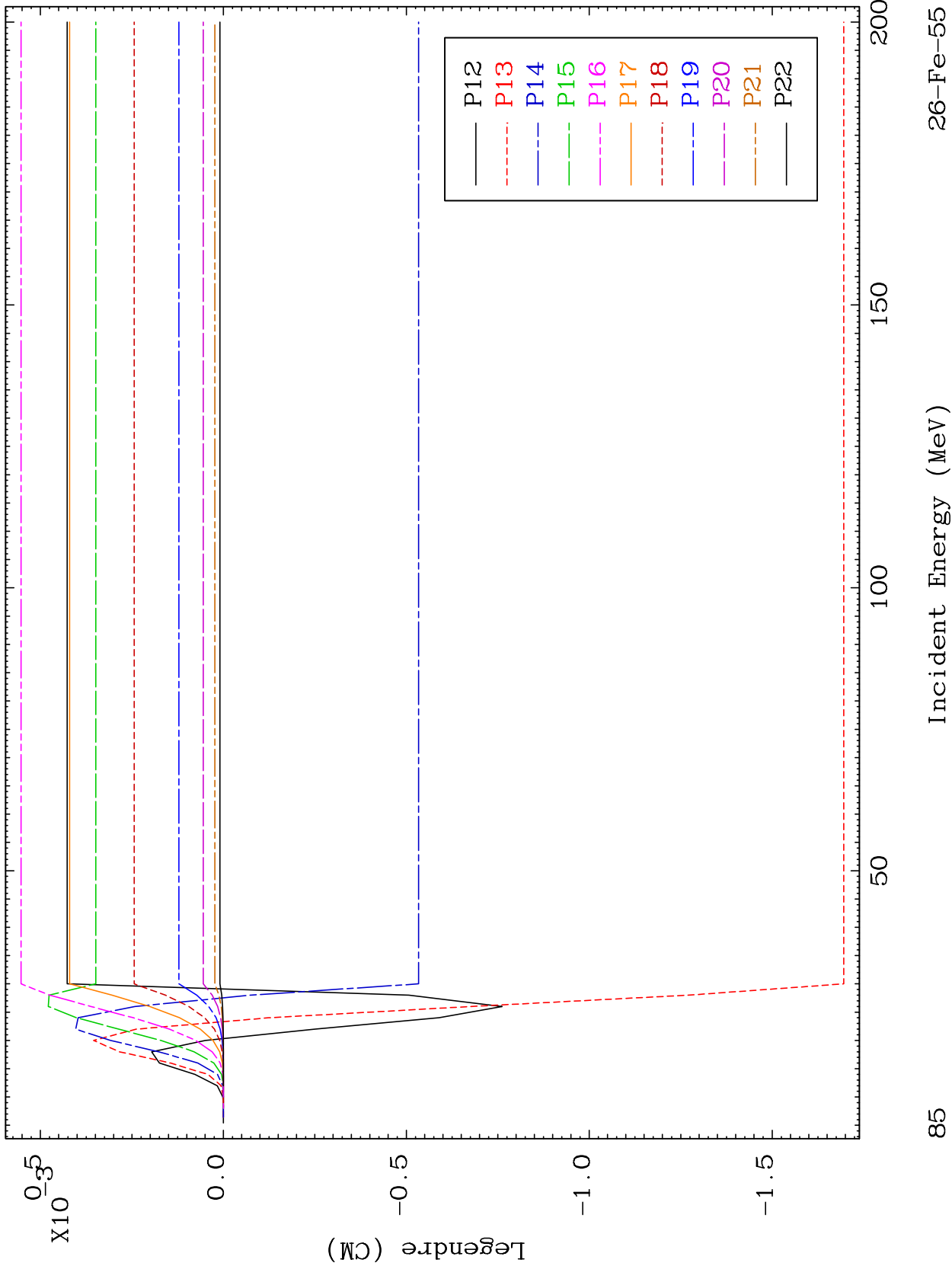
Incident Energy (MeV)

26-Fe-55

MAT 2628

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

26-Fe-55



85

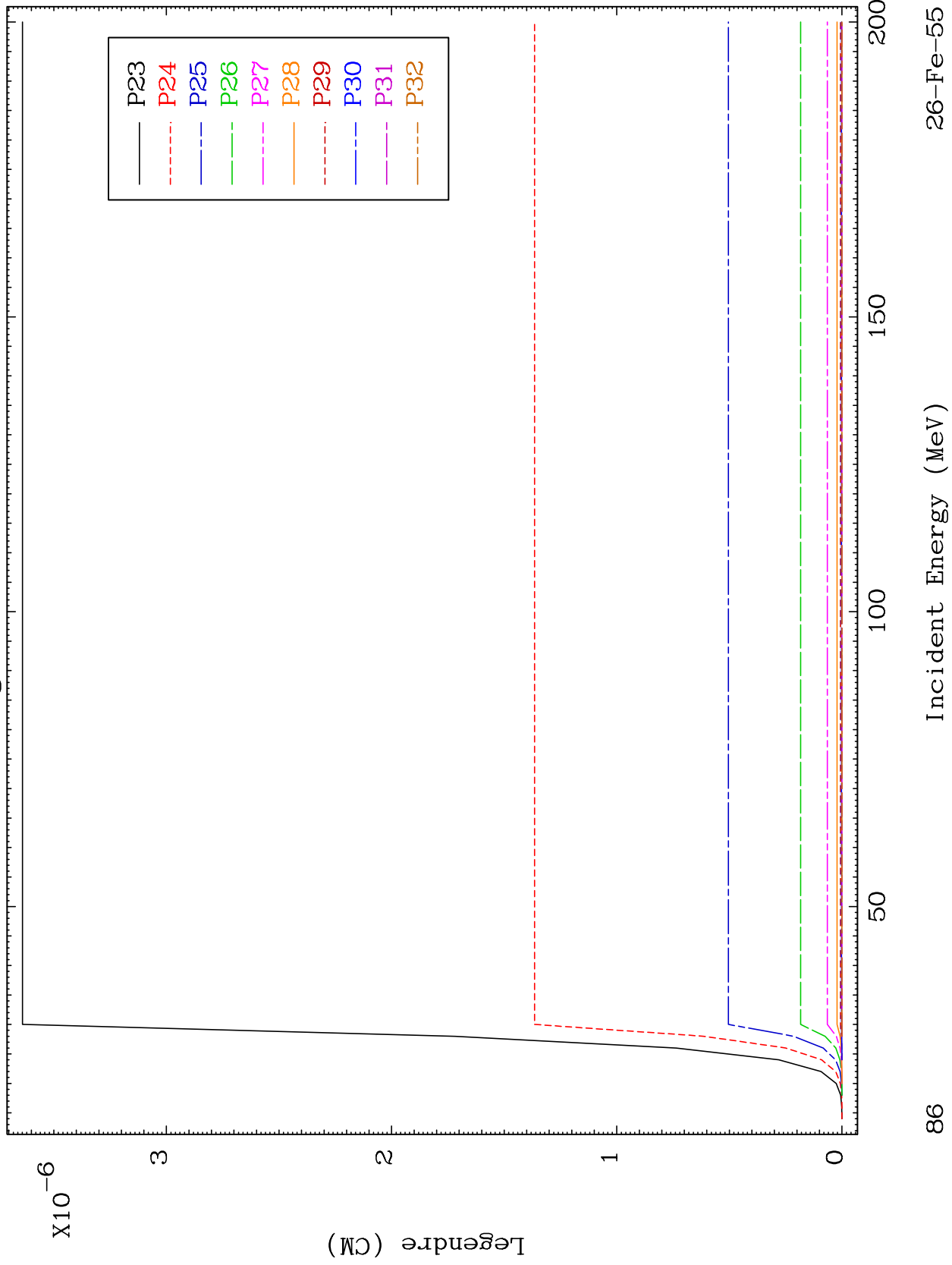
Incident Energy (MeV)

26-Fe-55

MAT 2628

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

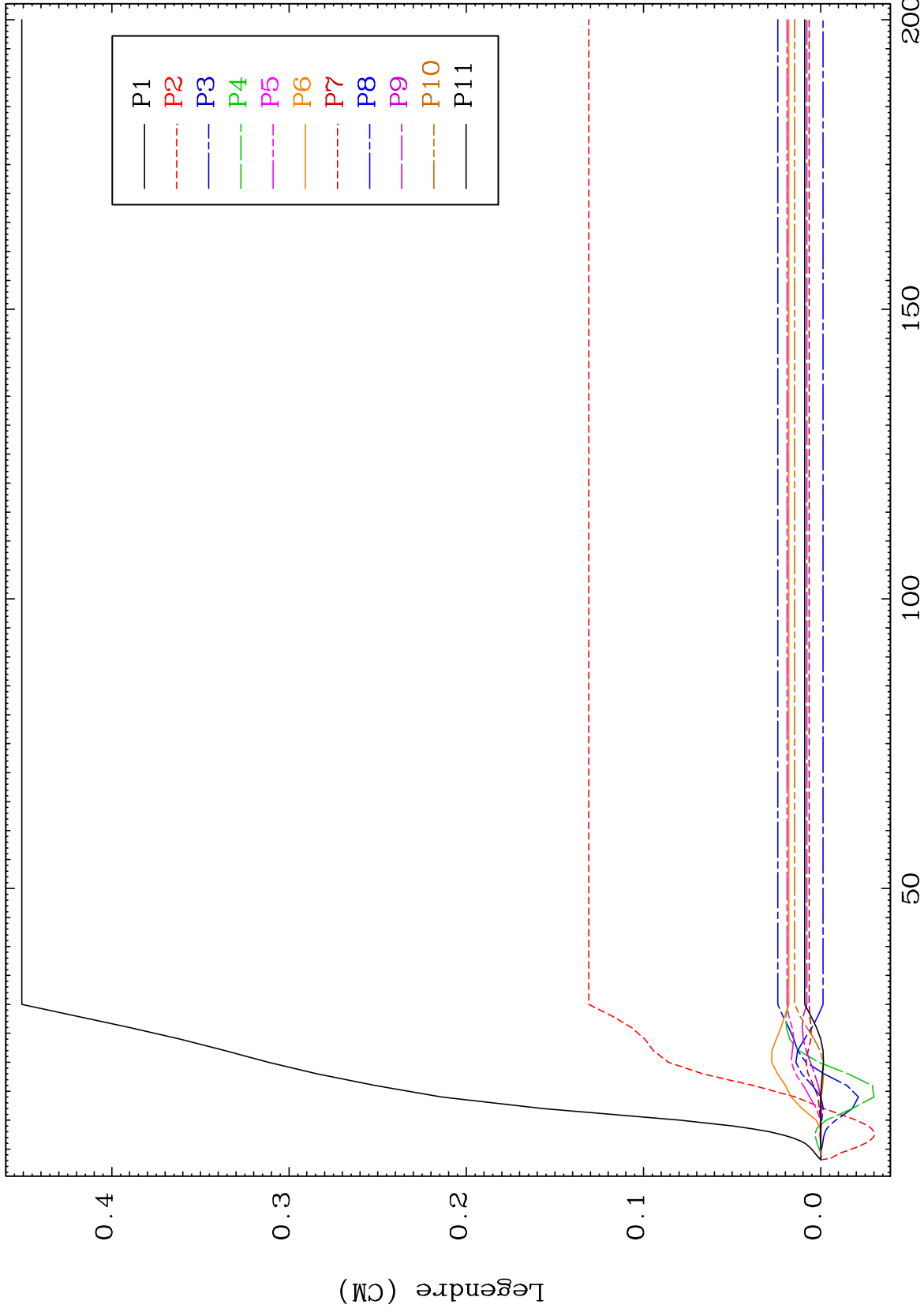
26-Fe-55



MAT 2628

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

26-Fe-55



87

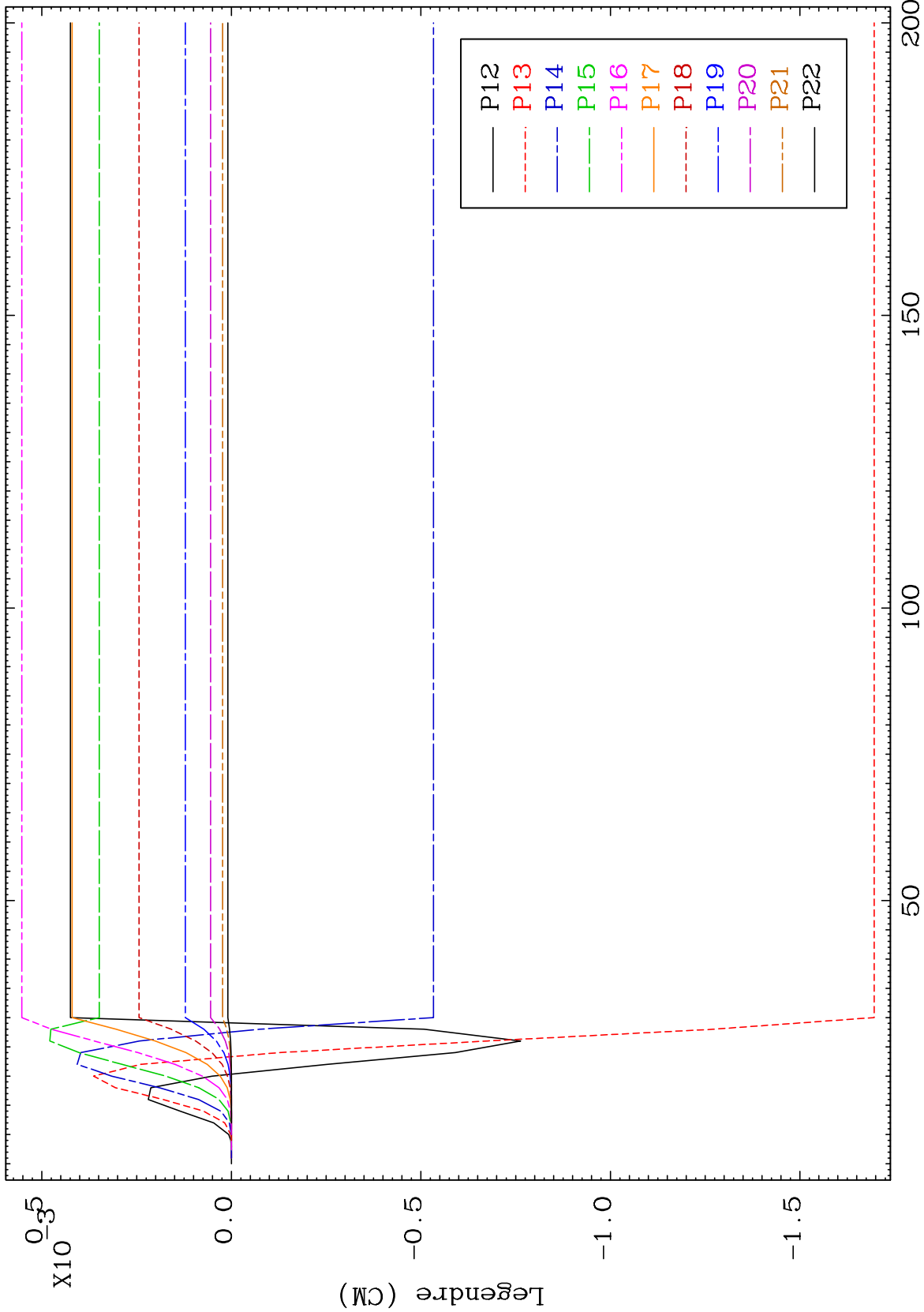
Incident Energy (MeV)

26-Fe-55

MAT 2628

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

26-Fe-55



88

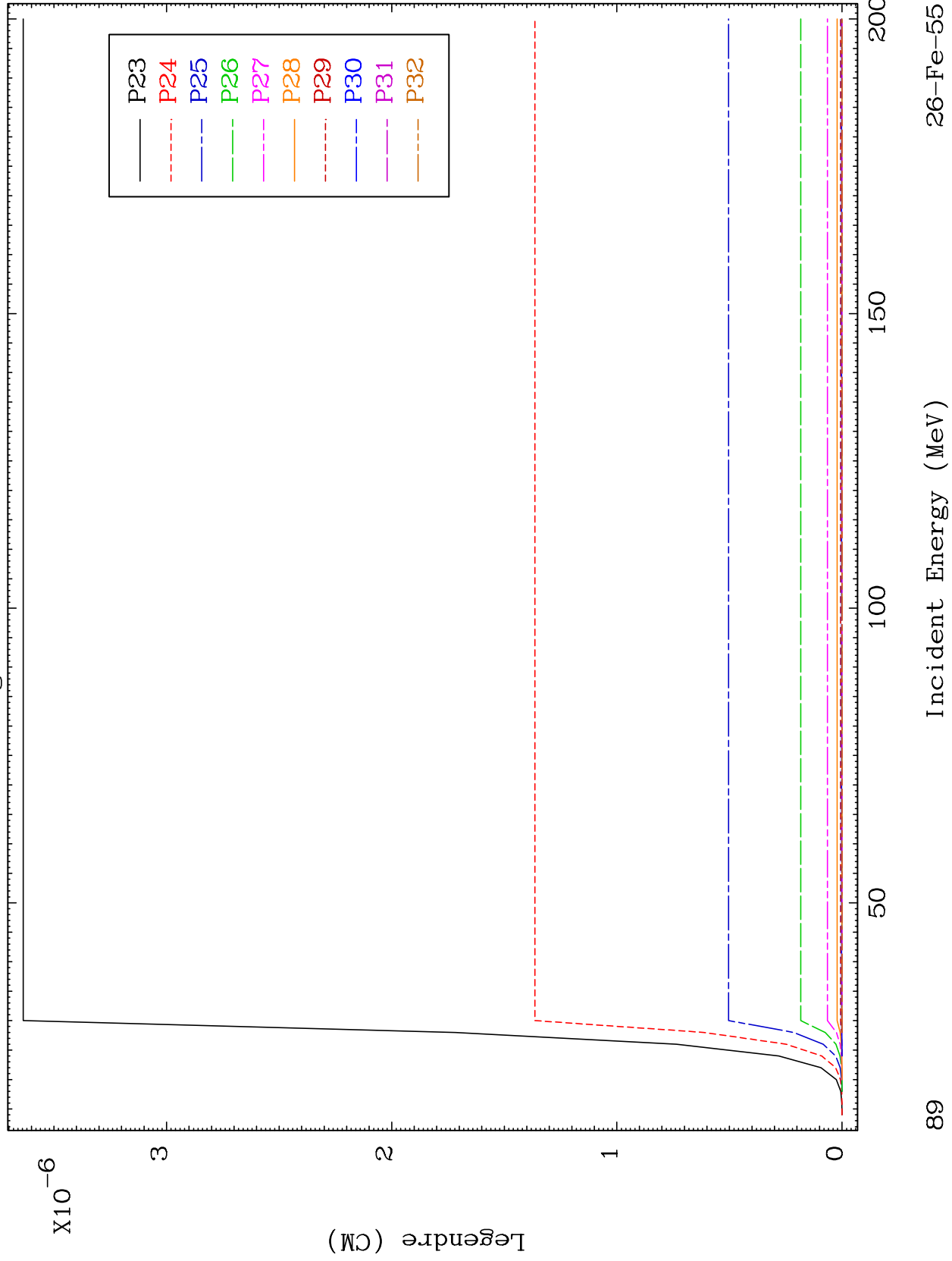
Incident Energy (MeV)

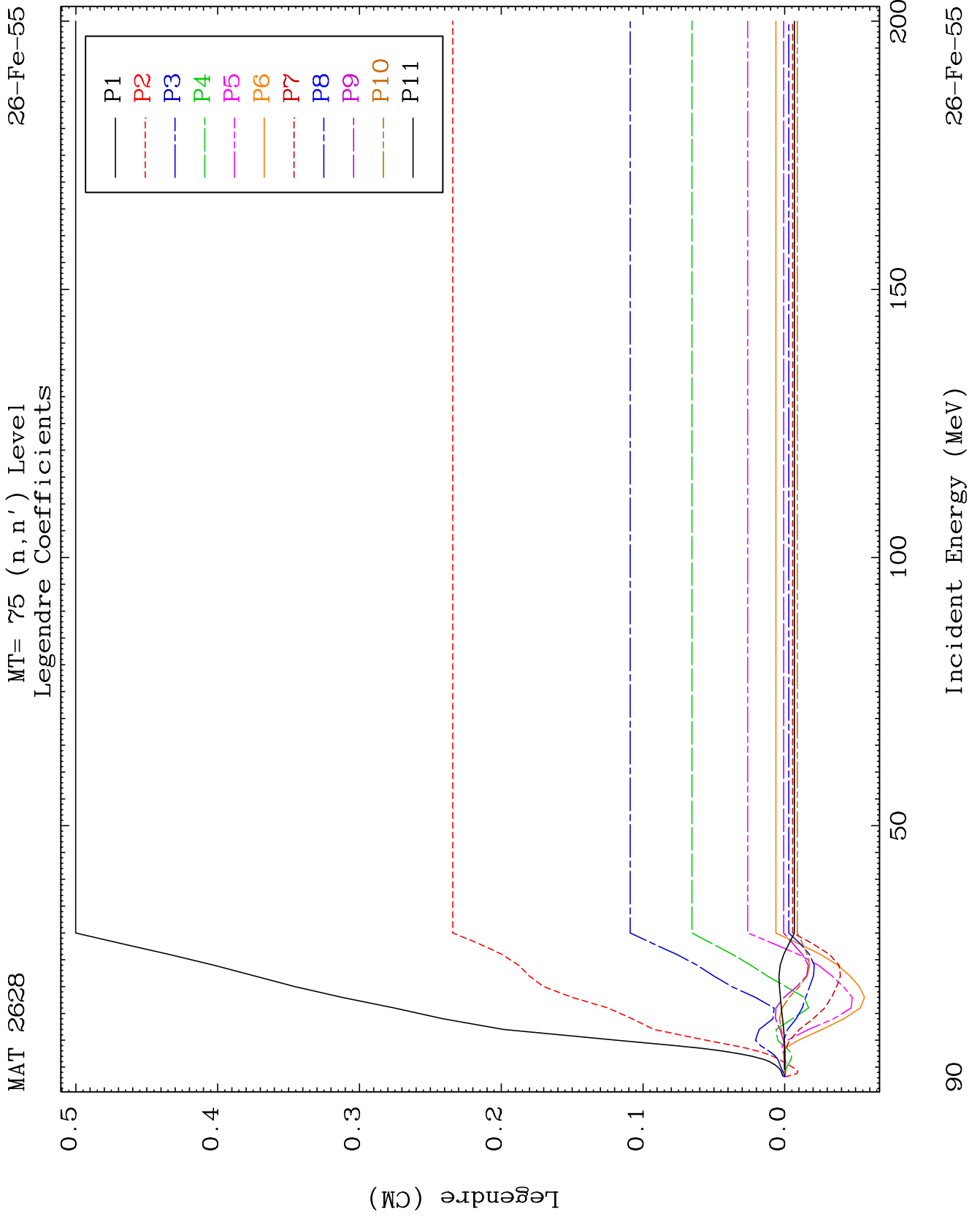
26-Fe-55

MAT 2628

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

26-Fe-55

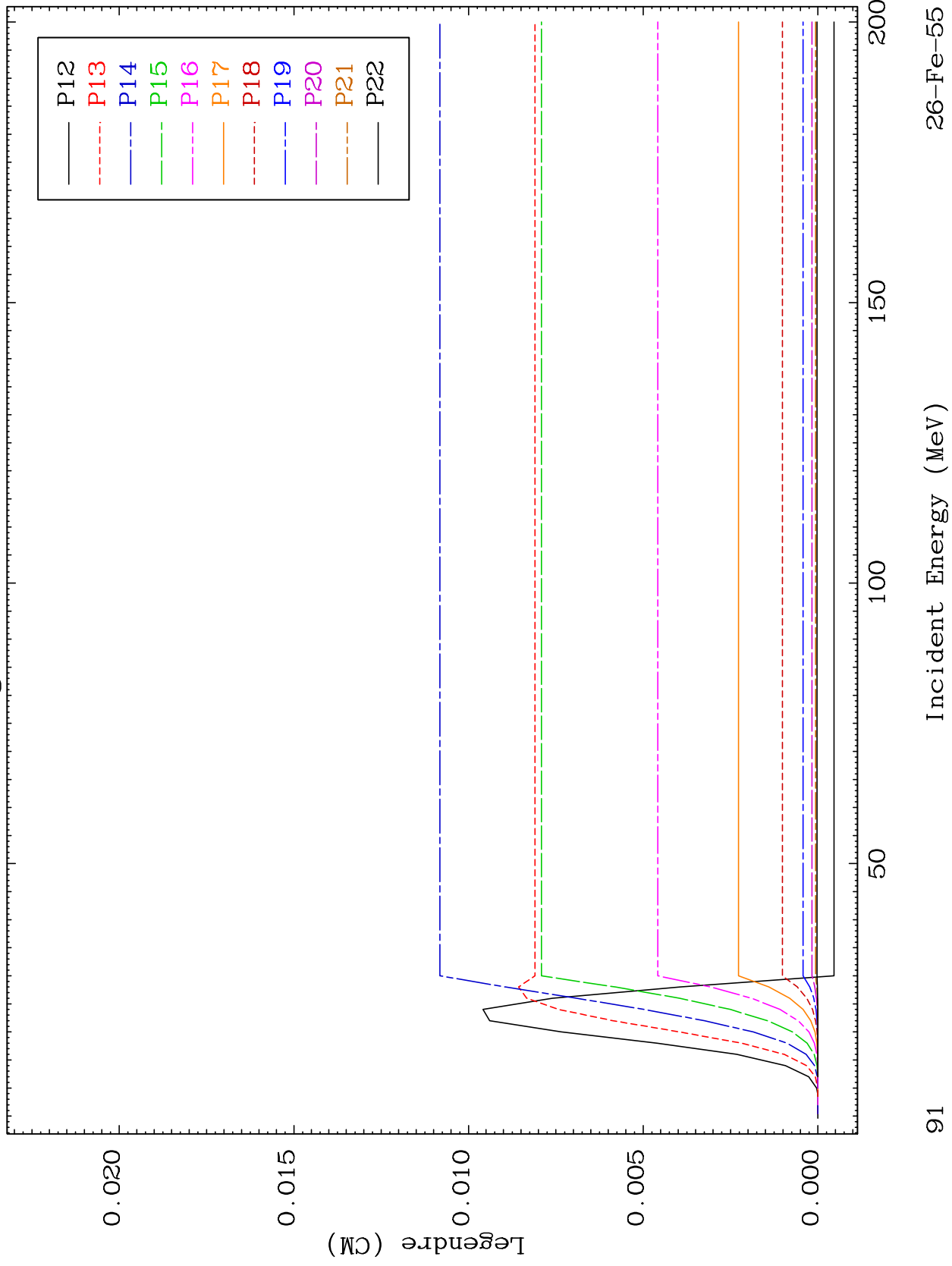




MAT 2628

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

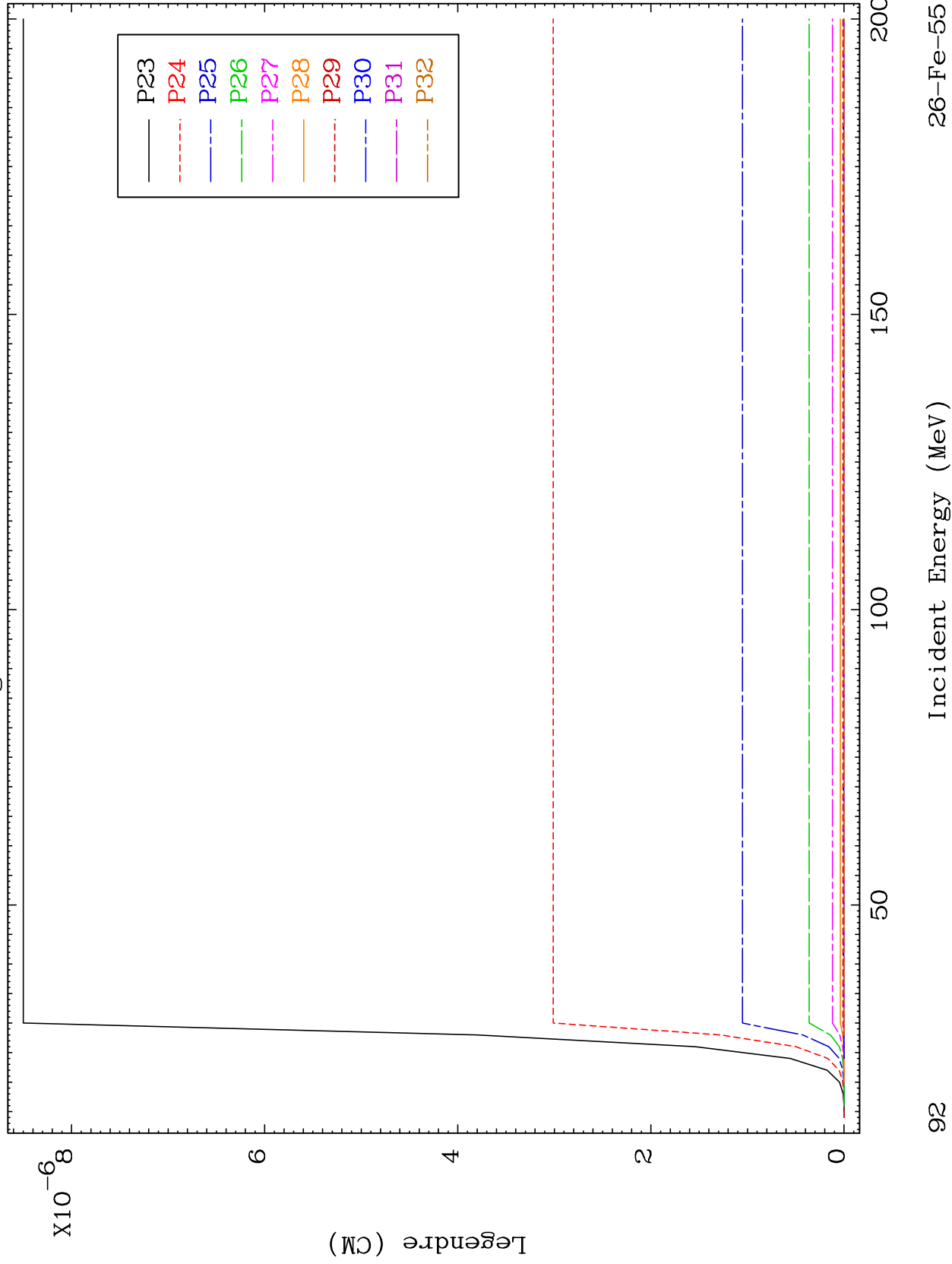
26-Fe-55



MAT 2628

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

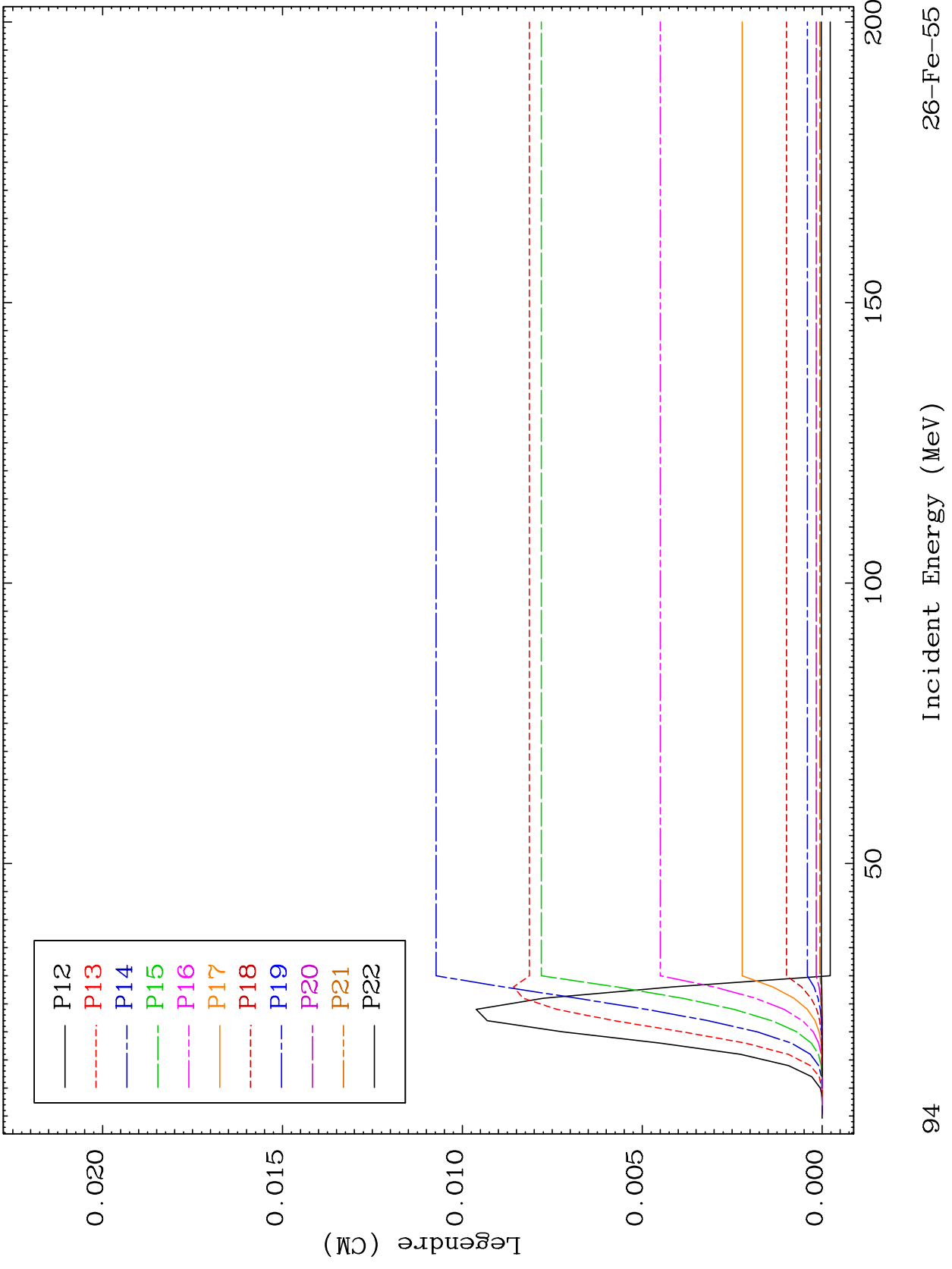
26-Fe-55



MAT 2628

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

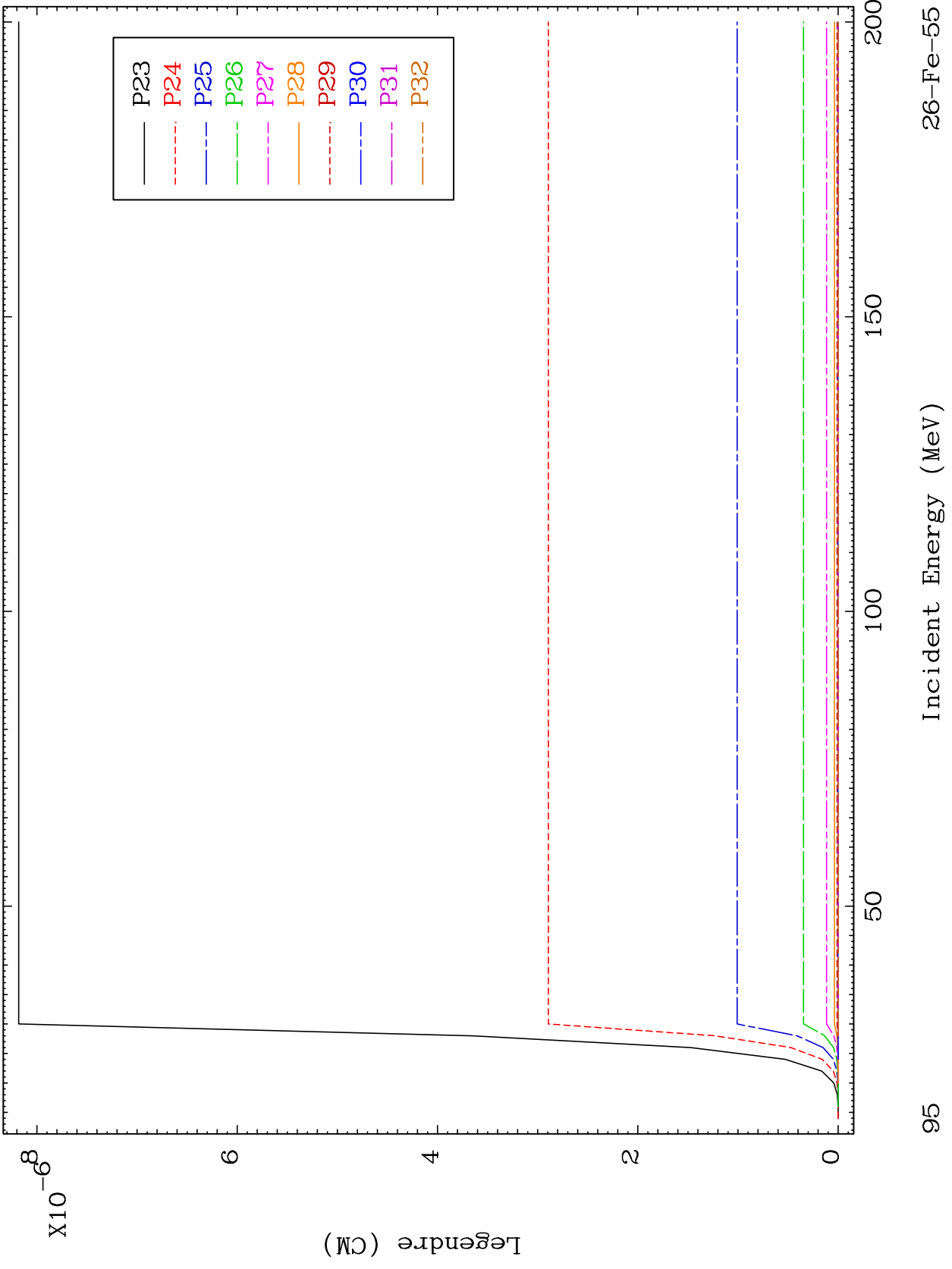
26-Fe-55



MAT 2628

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

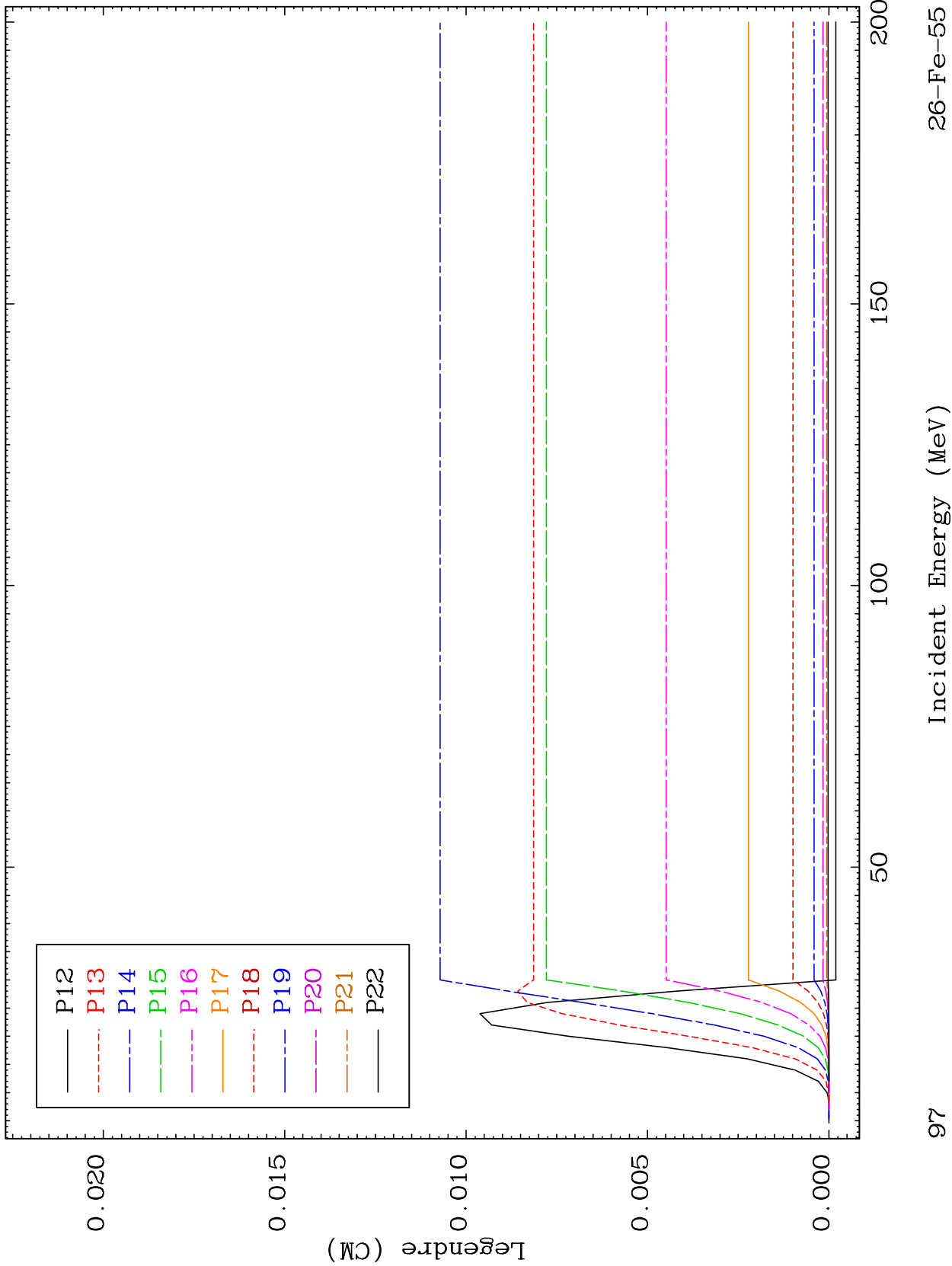
26-Fe-55



MAT 2628

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

26-Fe-55



97

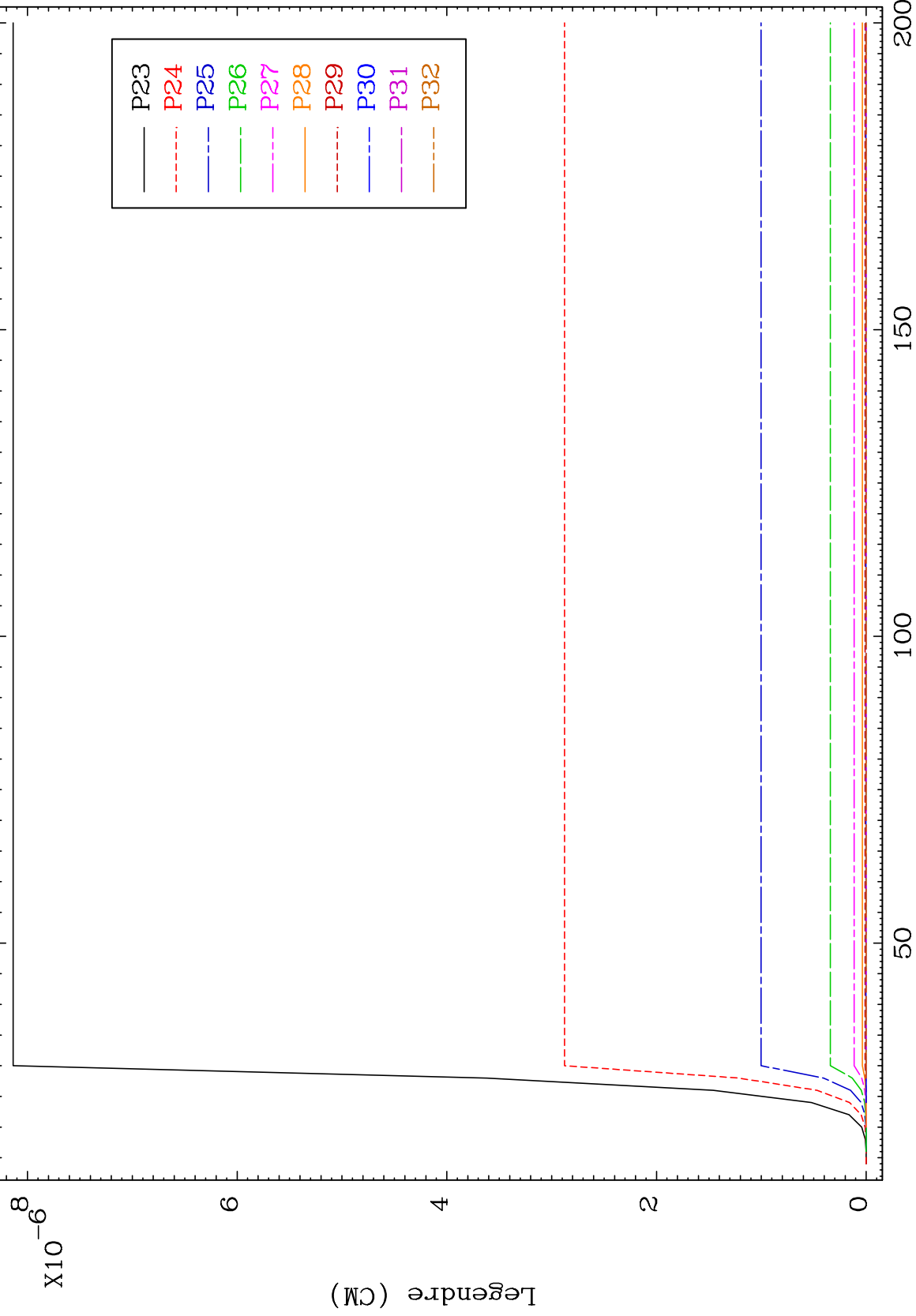
Incident Energy (MeV)

26-Fe-55

MAT 2628

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

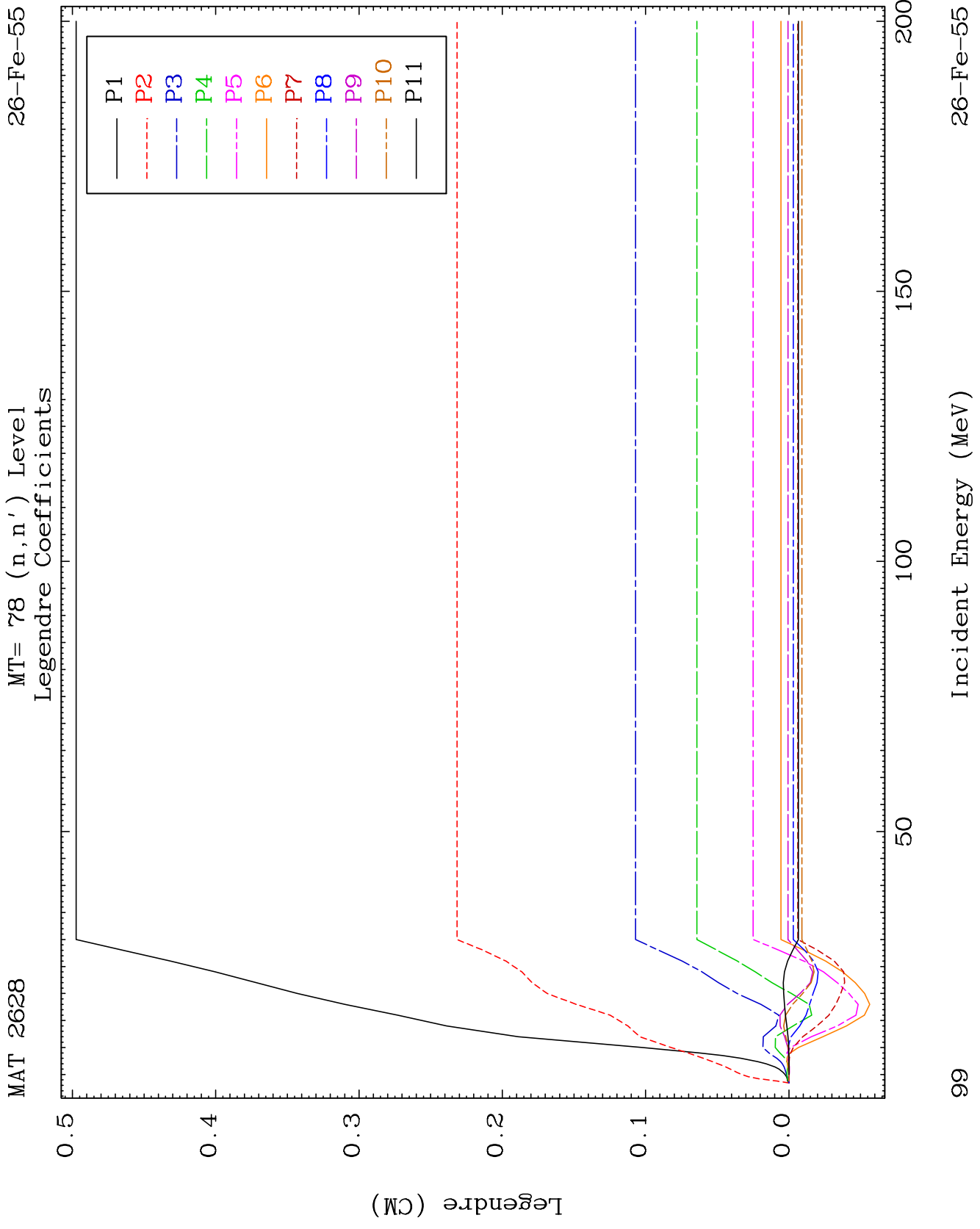
26-Fe-55



98

Incident Energy (MeV)

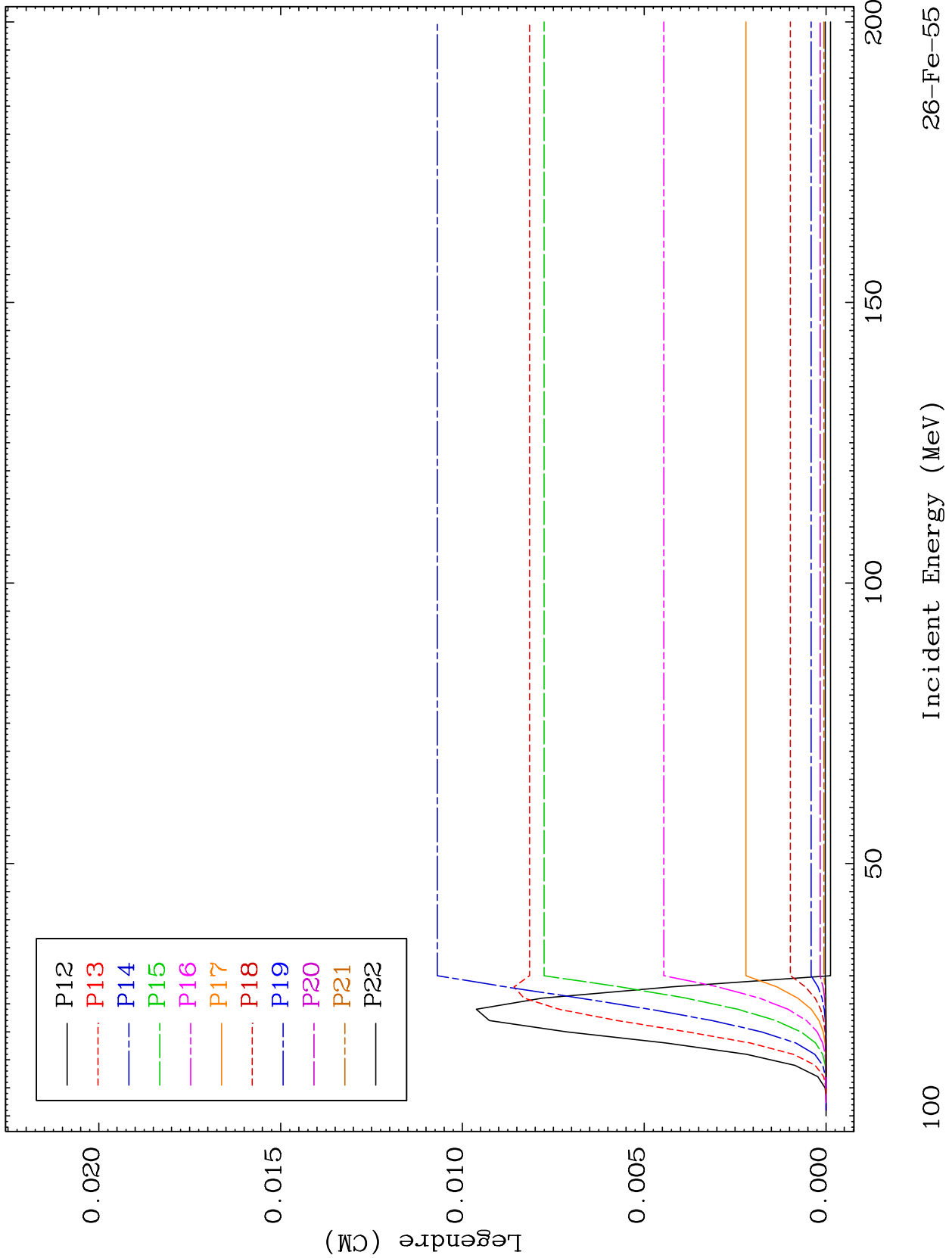
26-Fe-55



MAT 2628

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

26-Fe-55



100

50

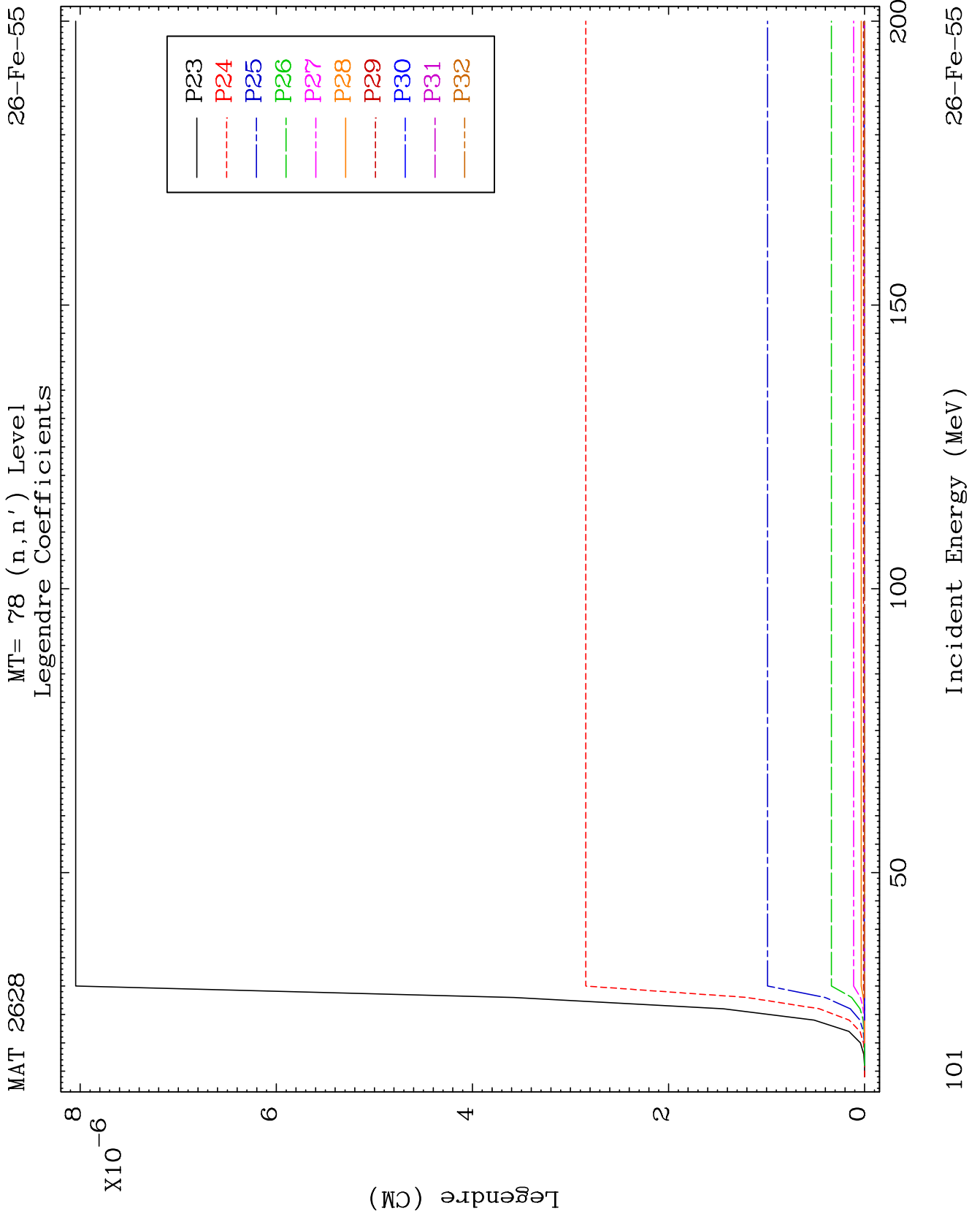
100

150

200

26-Fe-55

Incident Energy (MeV)

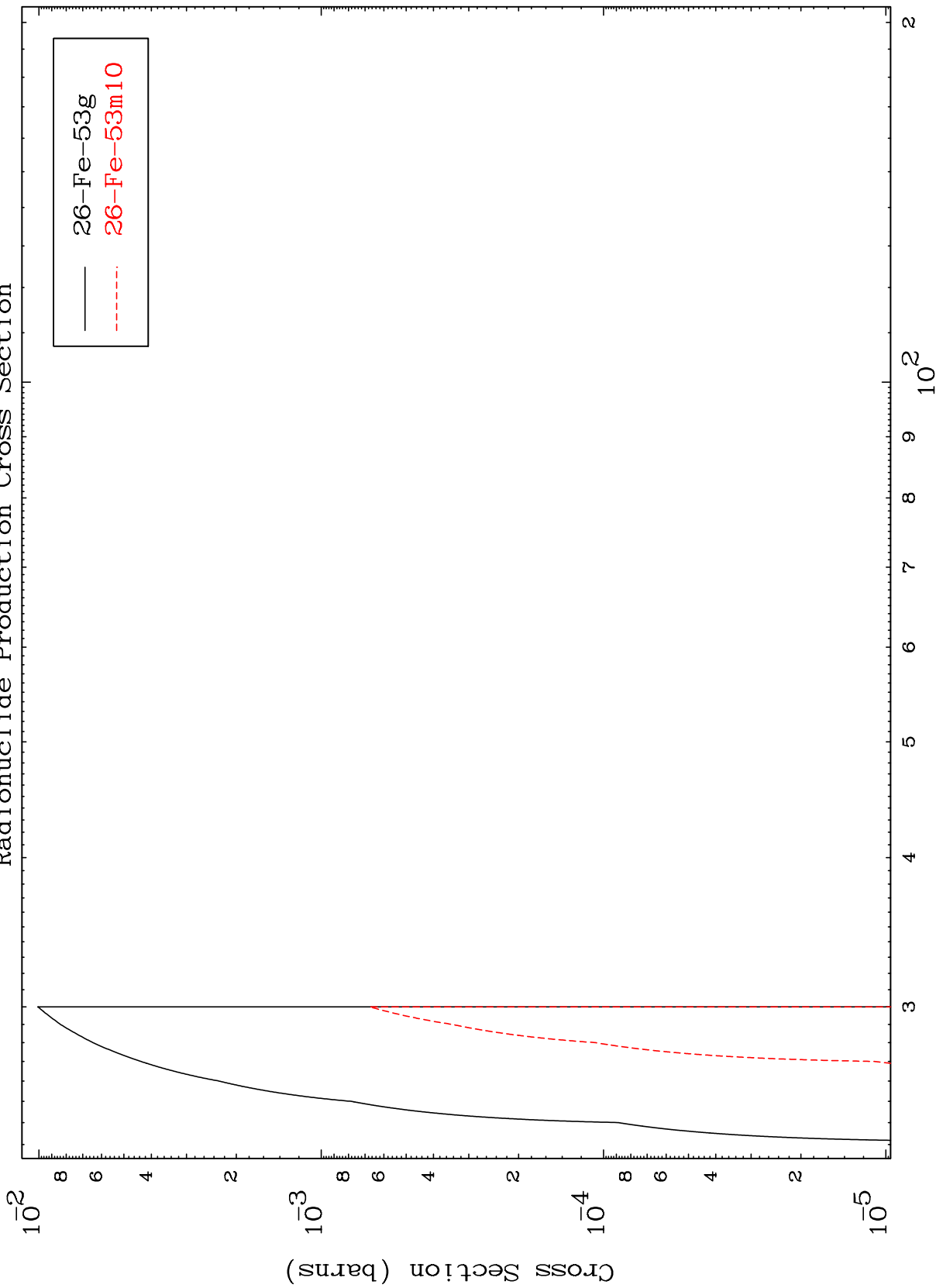


MAT 2628

26-Fe-55

(n,3n)

Radionuclide Production Cross Section



102

Incident Energy (MeV)

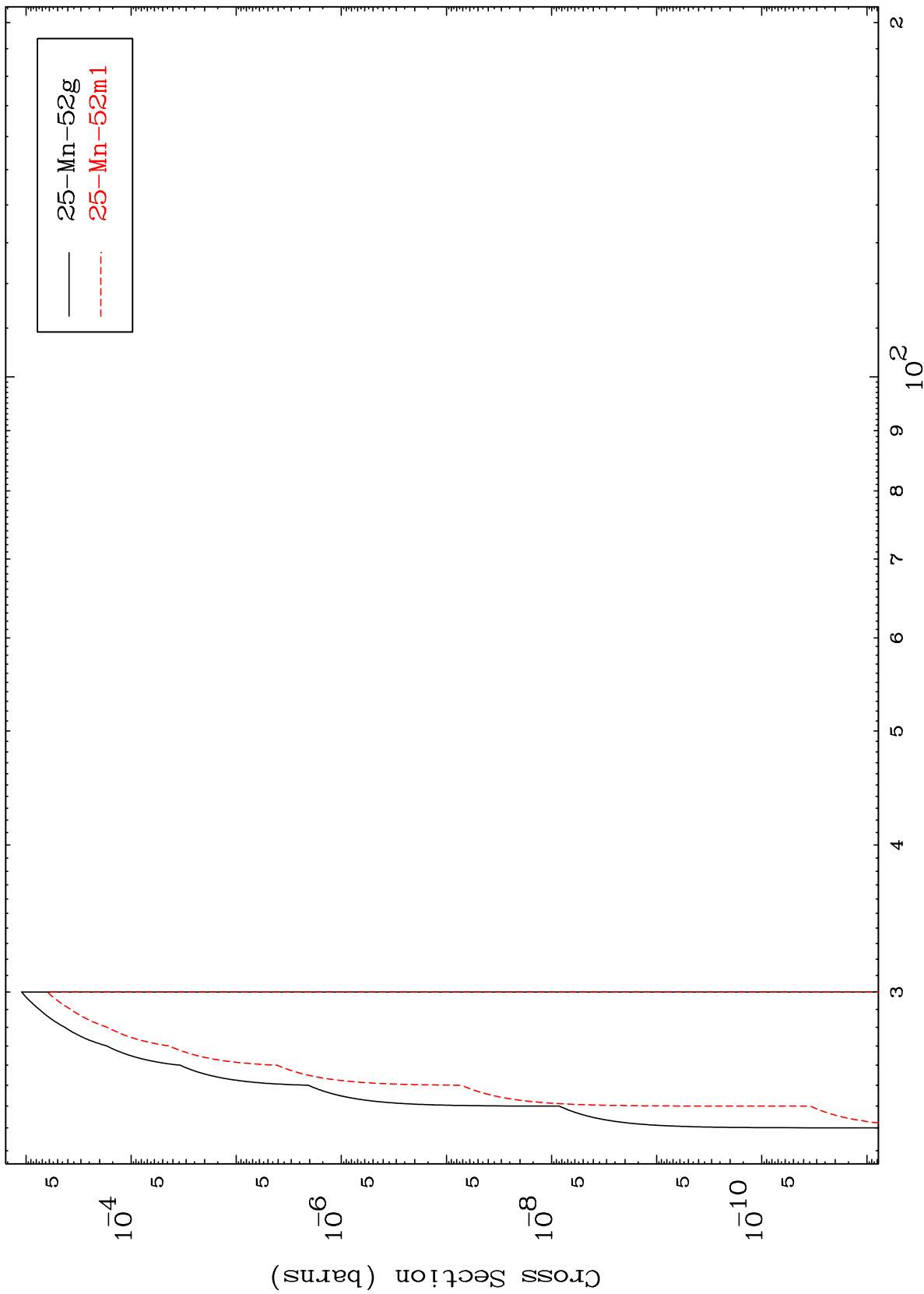
26-Fe-55

MAT 2628

(n,n') t

26-Fe-55

Radionuclide Production Cross Section



103

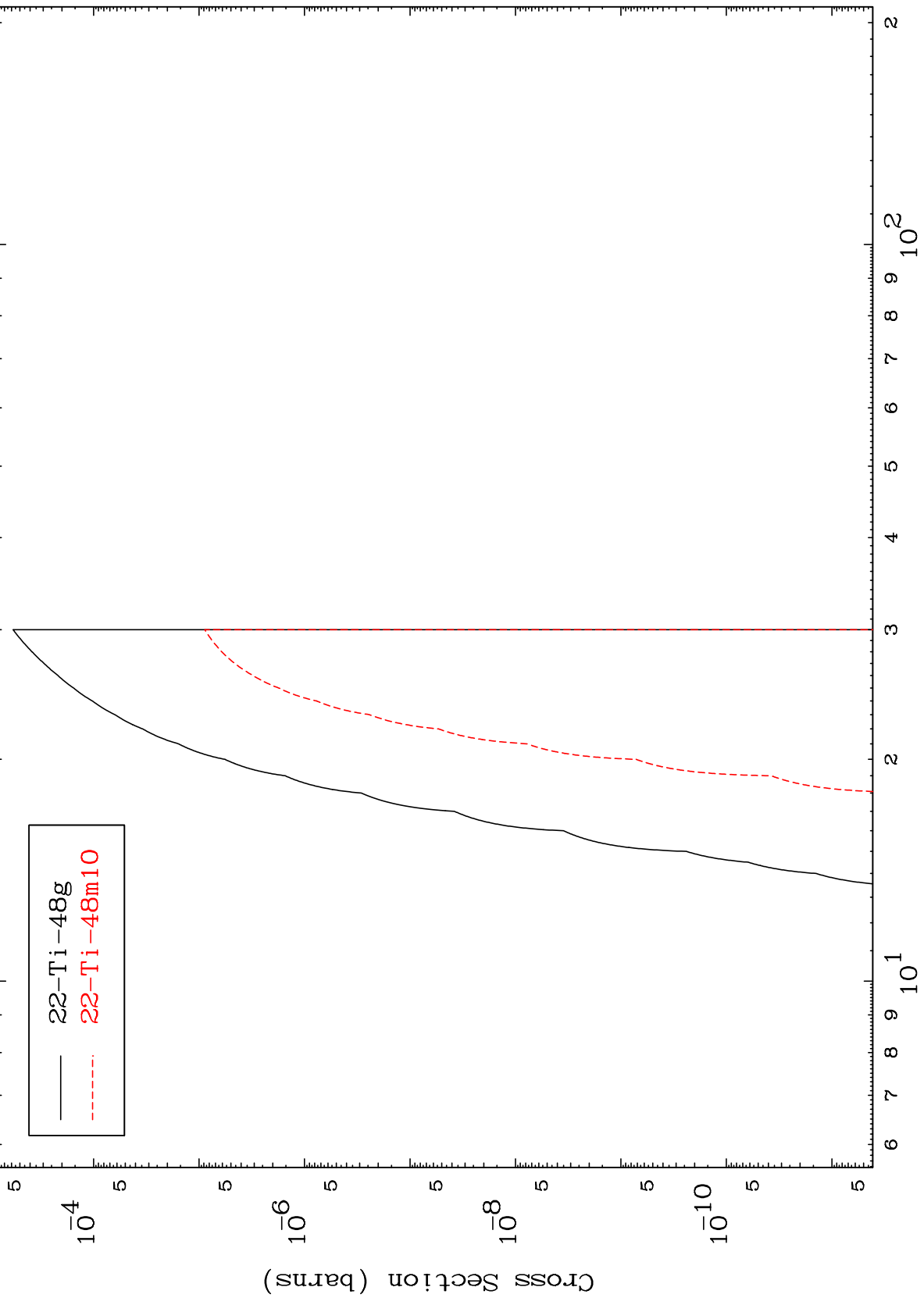
Incident Energy (MeV)

26-Fe-55

MAT 2628

26-Fe-55

(n,2α)
Radionuclide Production Cross Section



— $^{22}\text{Ti-48g}$
- - - $^{22}\text{Ti-48m10}$

104

Incident Energy (MeV)

26-Fe-55