

Program EVALPLOT
(Version 2018-1)

by

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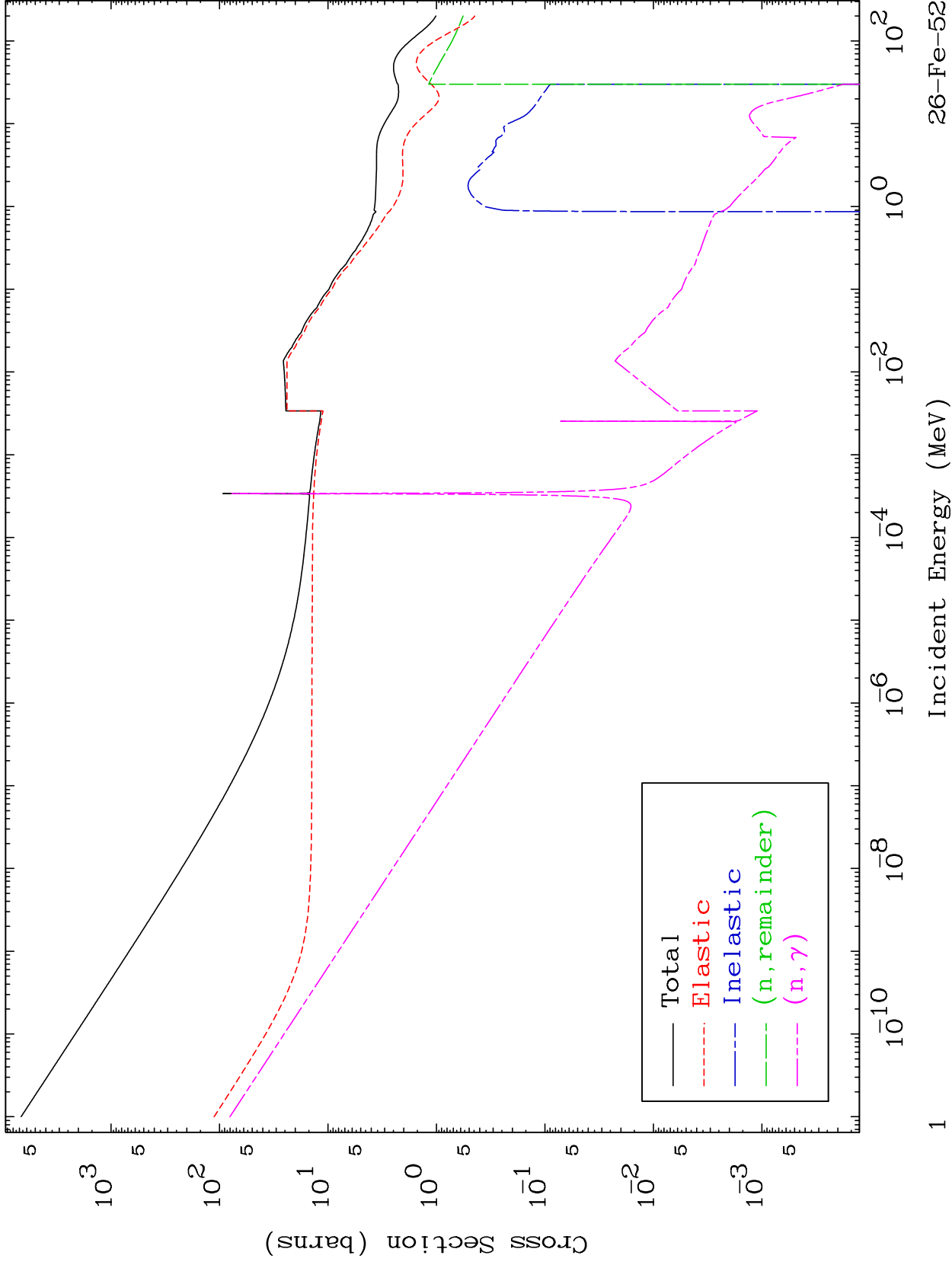
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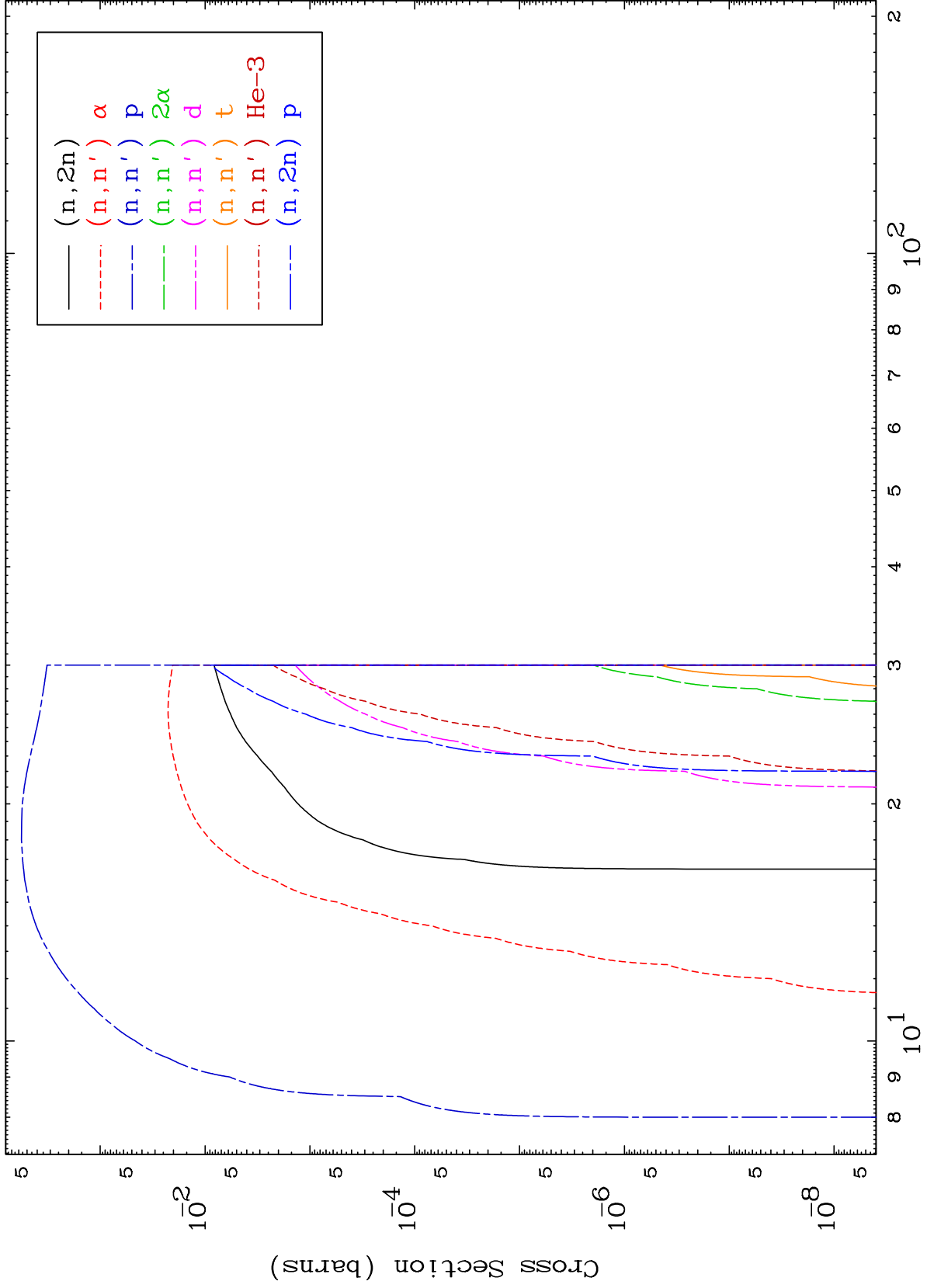
Press Mouse Button to Start

MAT 2619

Major
293 Kelvin Cross Sections

26-Fe-52

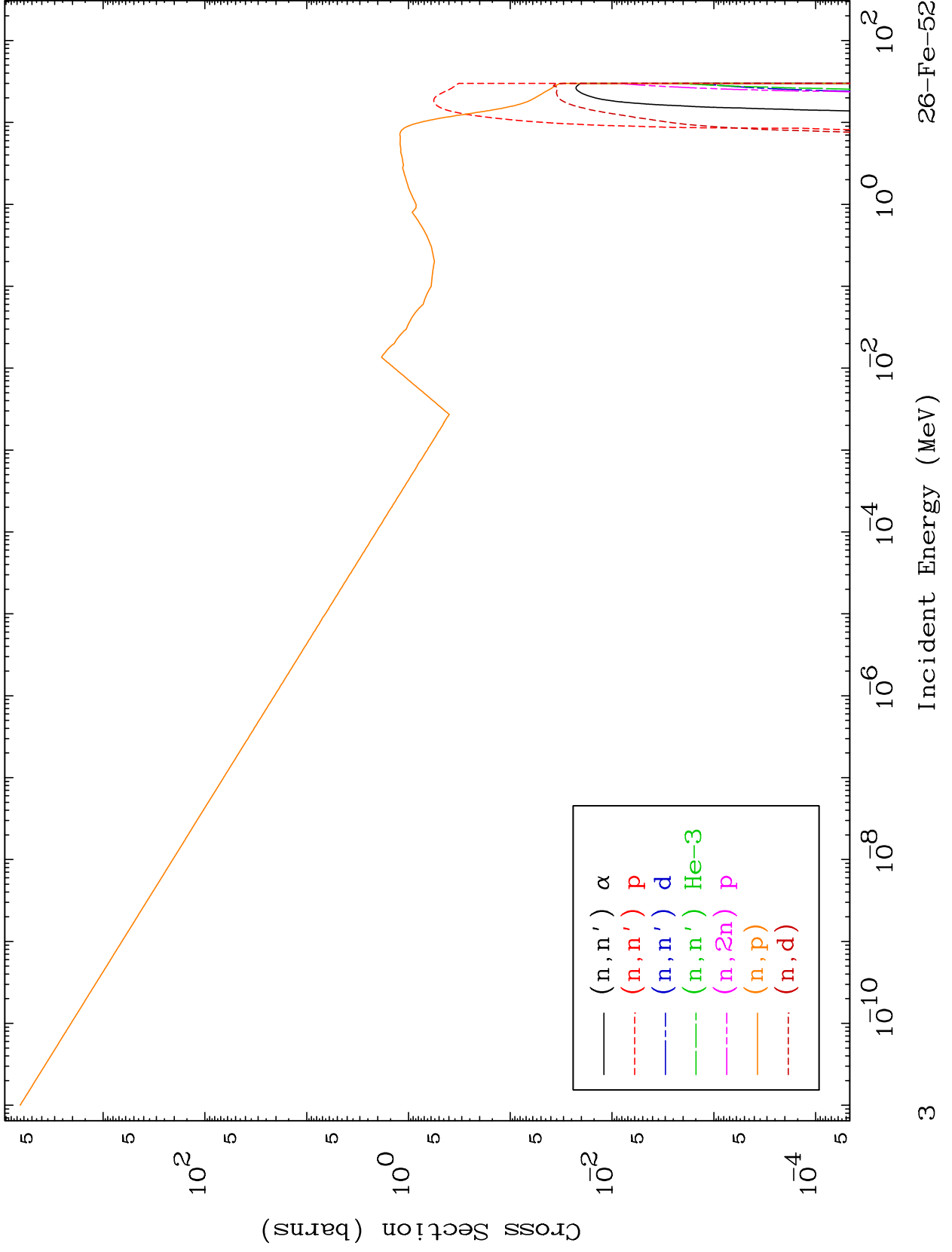




MAT 2619

Charged Particle
293 Kelvin Cross Sections

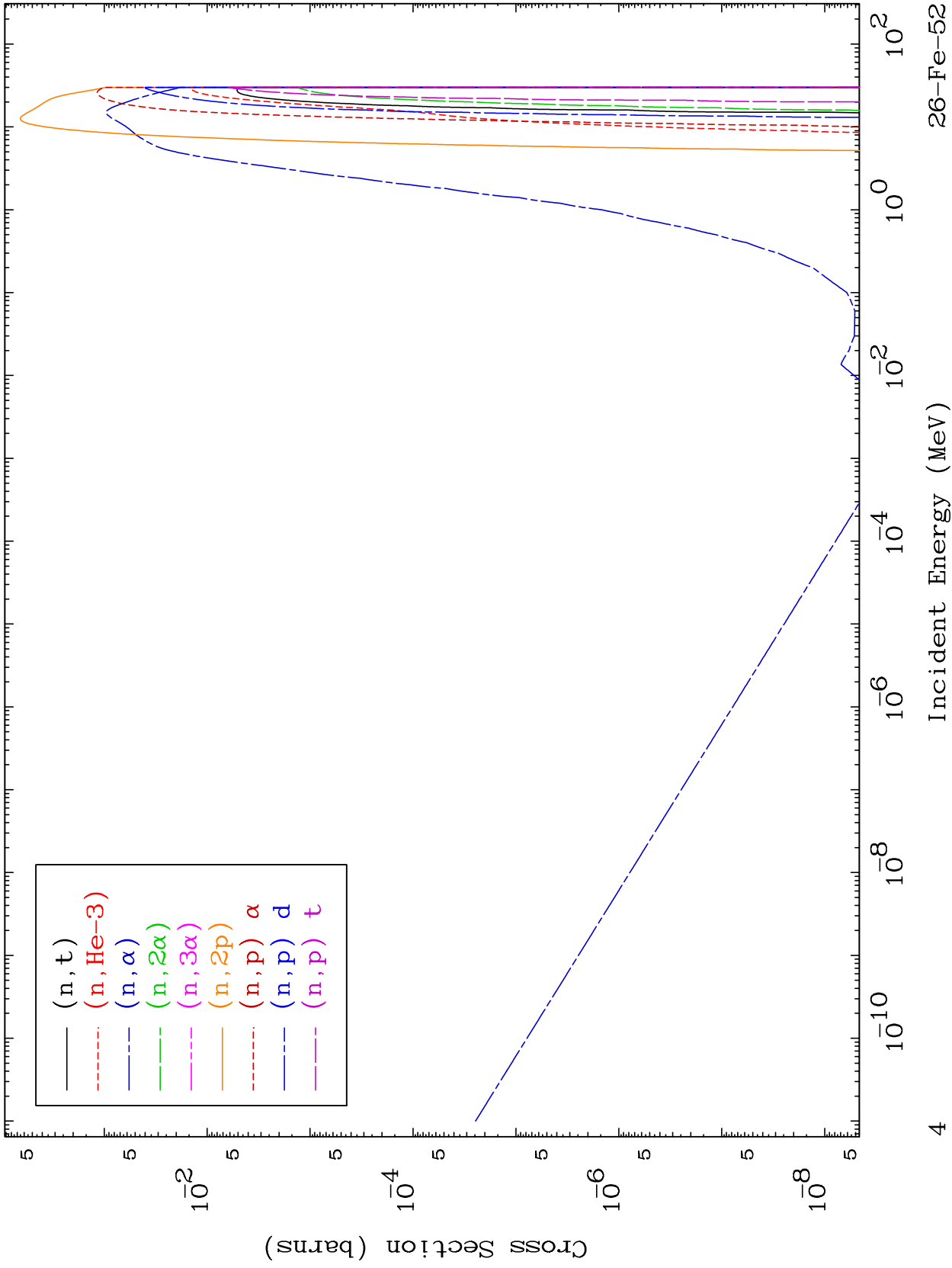
26-Fe-52



MAT 2619

Charged Particle
293 Kelvin Cross Sections

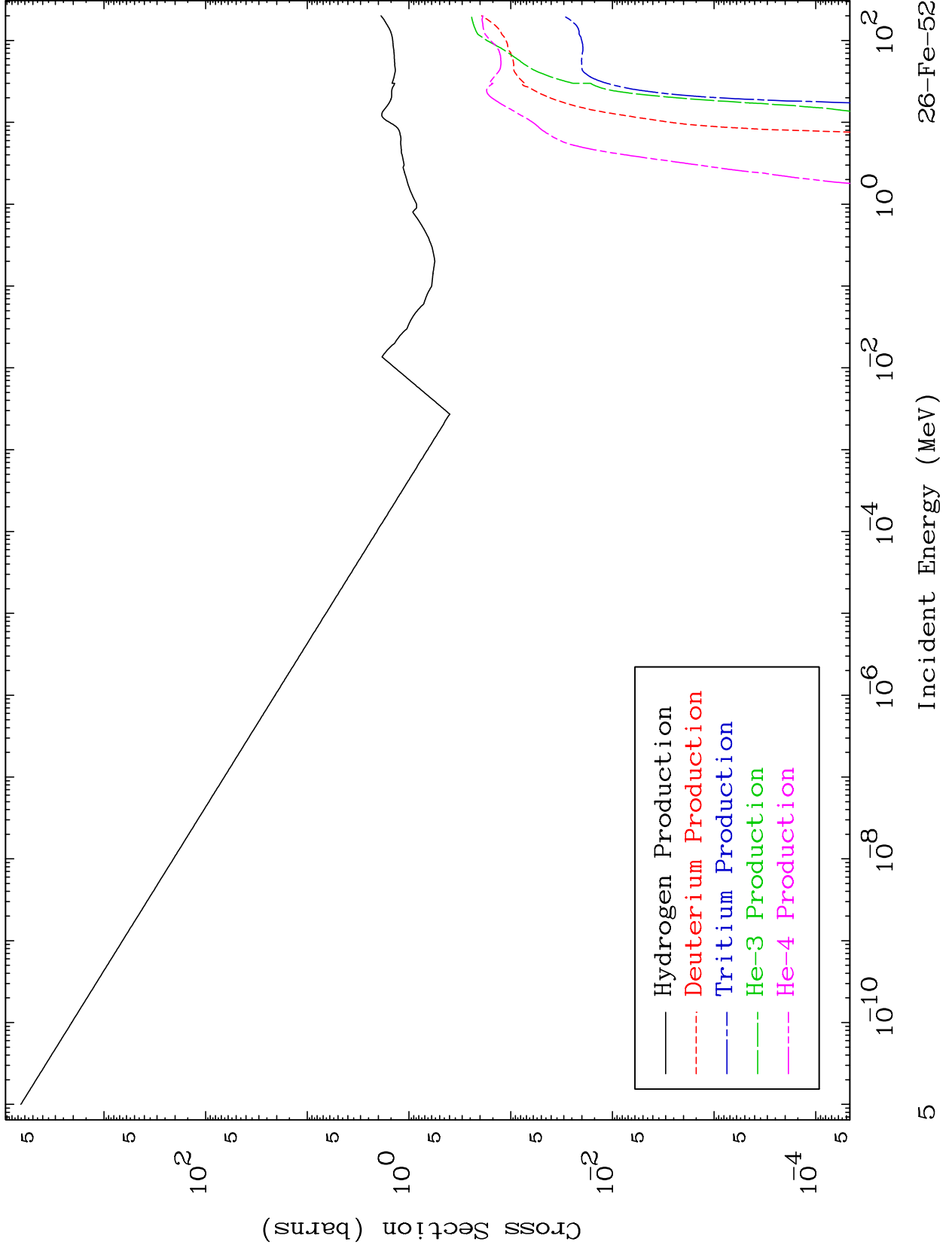
26-Fe-52



MAT 2619

Particle Production
293 Kelvin Cross Sections

26-Fe-52

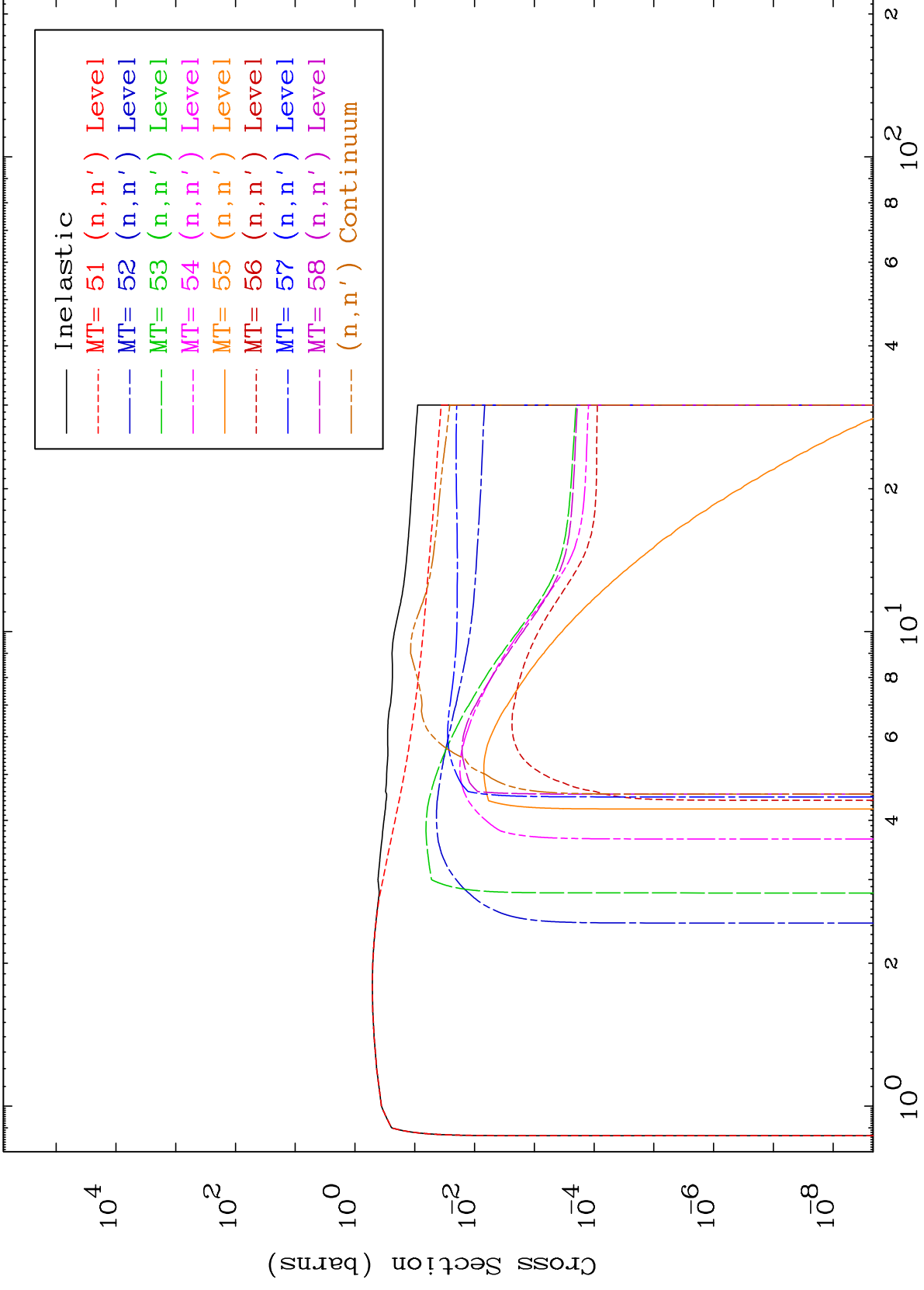


MAT 2619

(n,n') Level

26-Fe-52

293 Kelvin Cross Sections



6

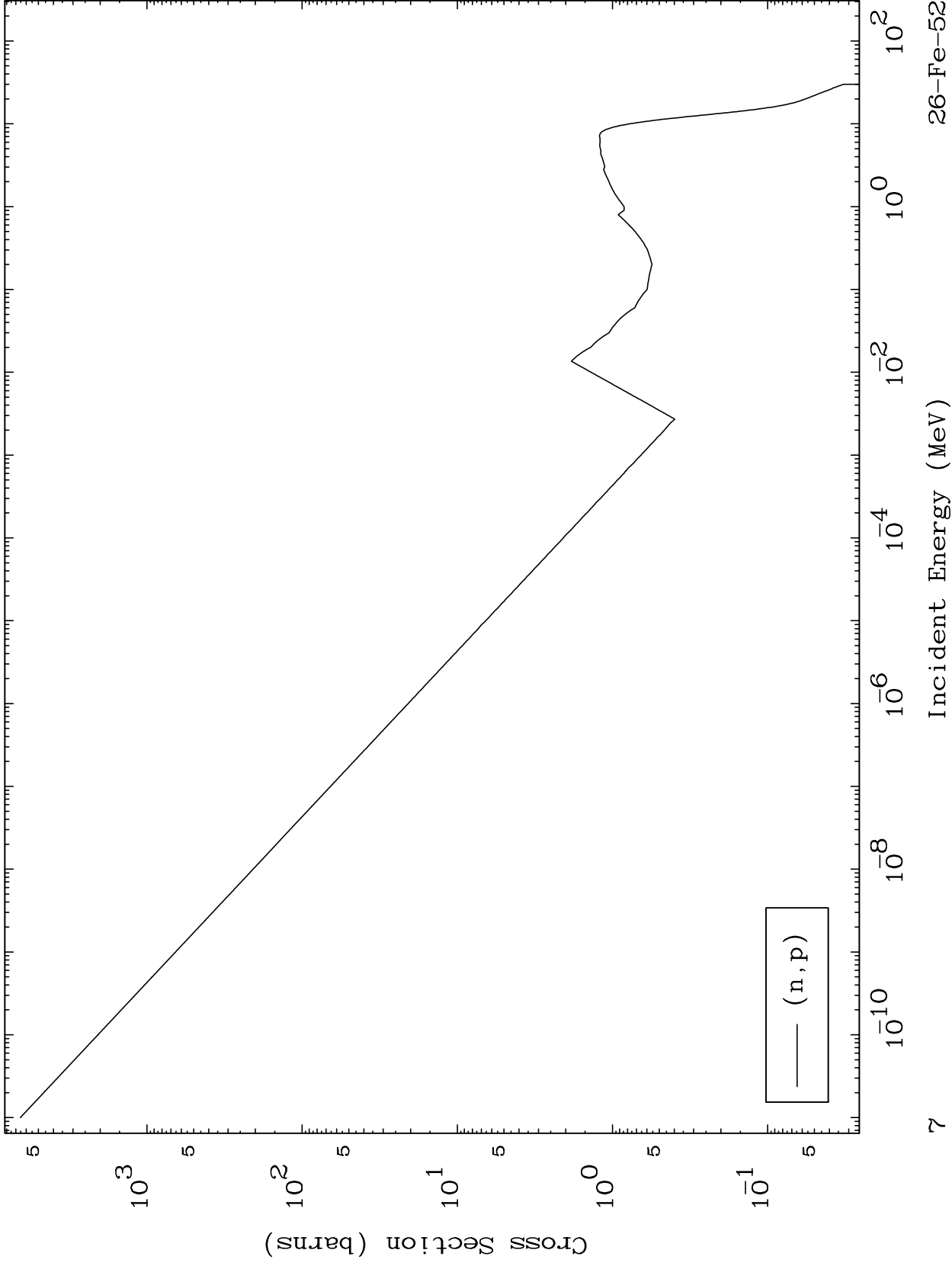
Incident Energy (MeV)

26-Fe-52

MAT 2619

(n,p) Levels
293 Kelvin Cross Sections

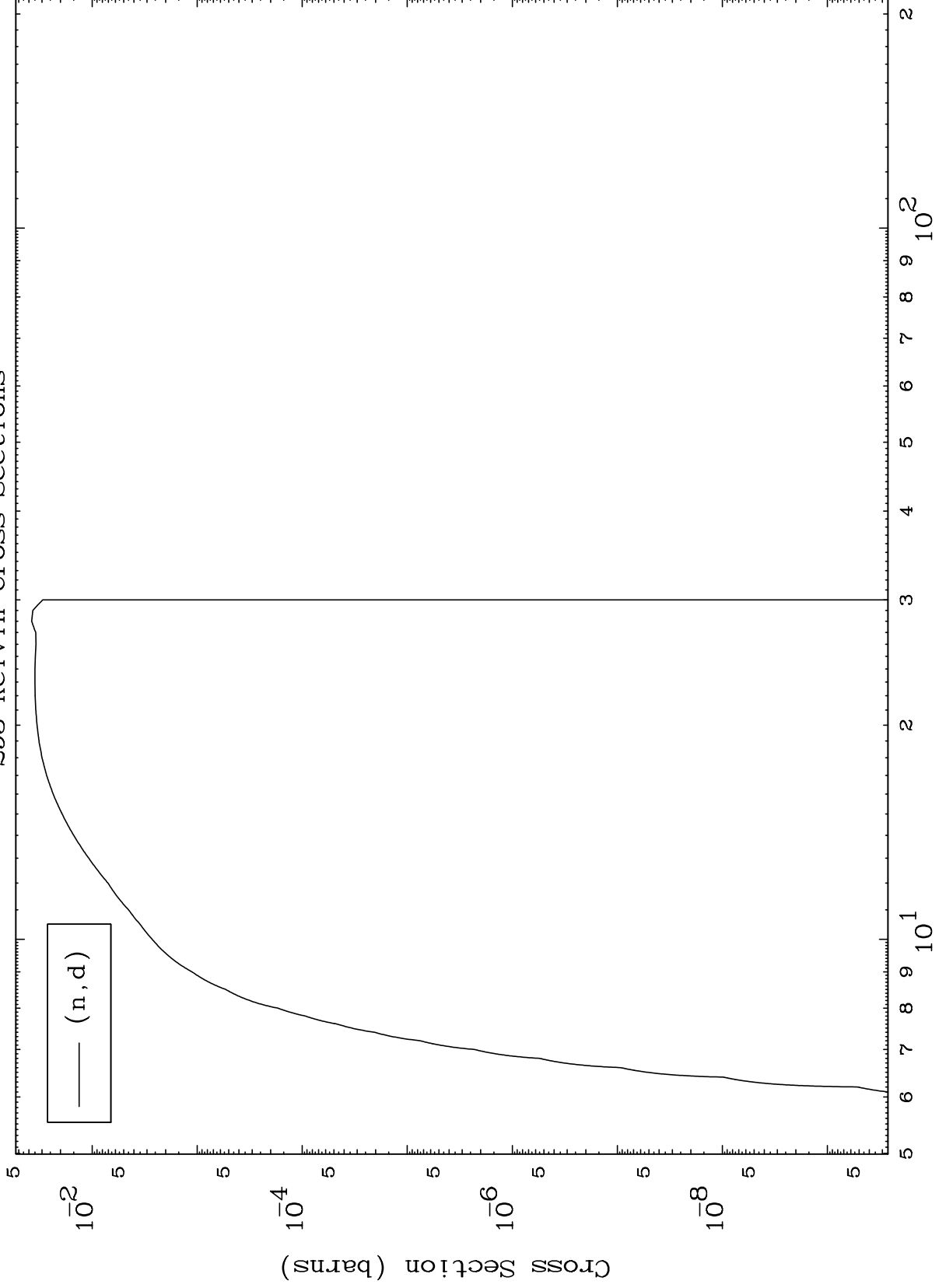
26-Fe-52



MAT 2619

(n,d) Levels
293 Kelvin Cross Sections

26-Fe-52



8

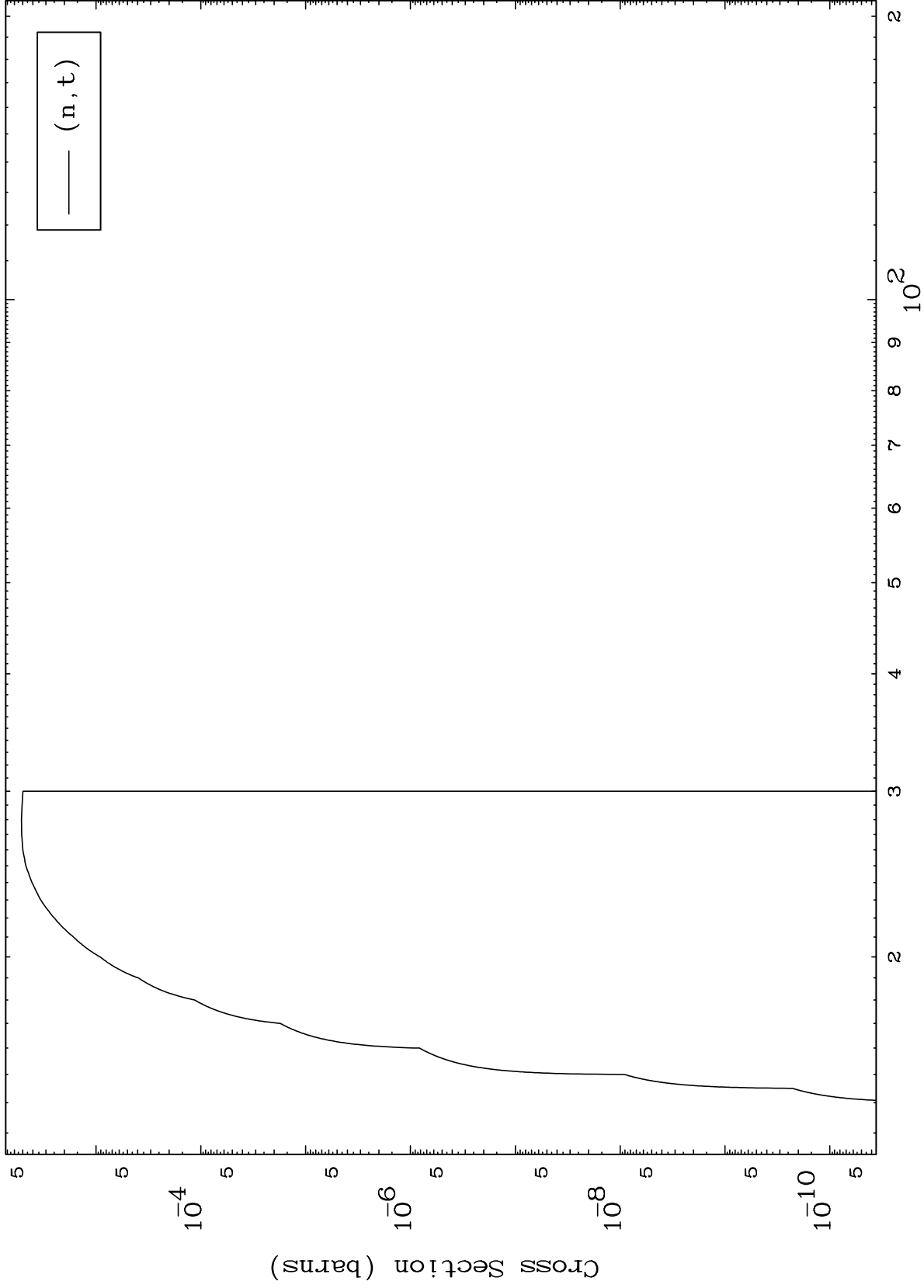
Incident Energy (MeV)

26-Fe-52

MAT 2619

(n,t) Levels
293 Kelvin Cross Sections

26-Fe-52



9

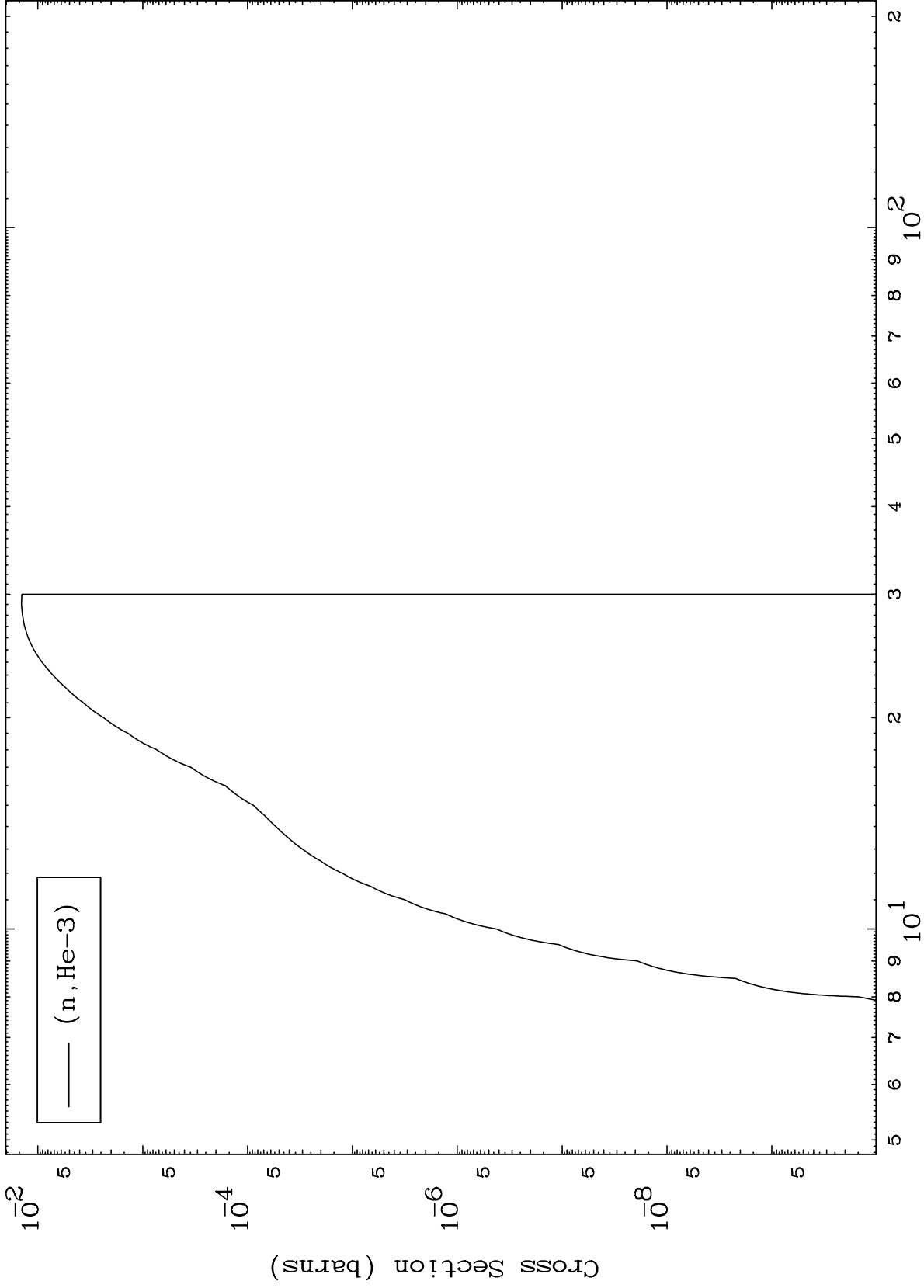
Incident Energy (MeV)

26-Fe-52

MAT 2619

(n,He3) Levels
293 Kelvin Cross Sections

26-Fe-52



Incident Energy (MeV)

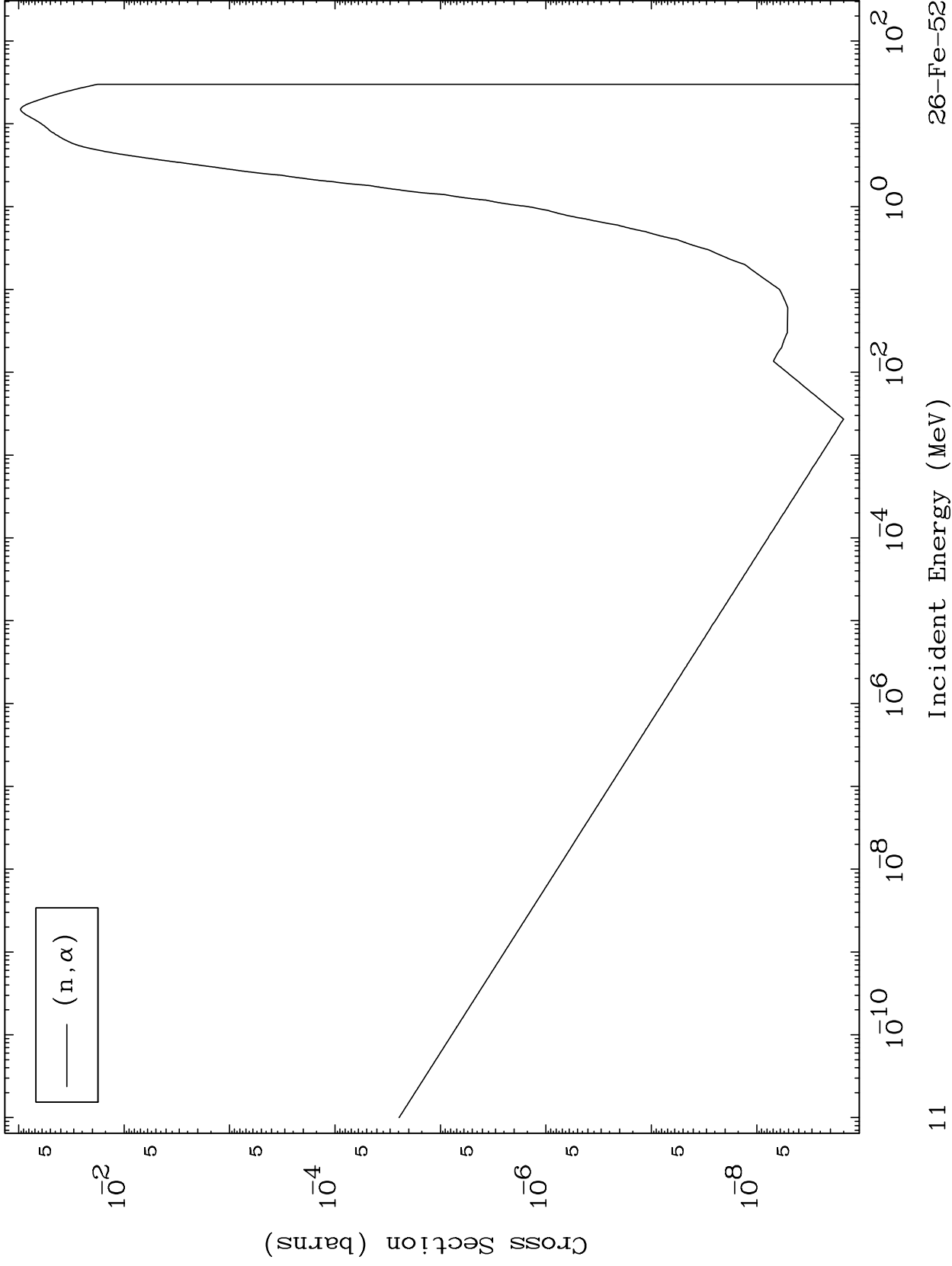
26-Fe-52

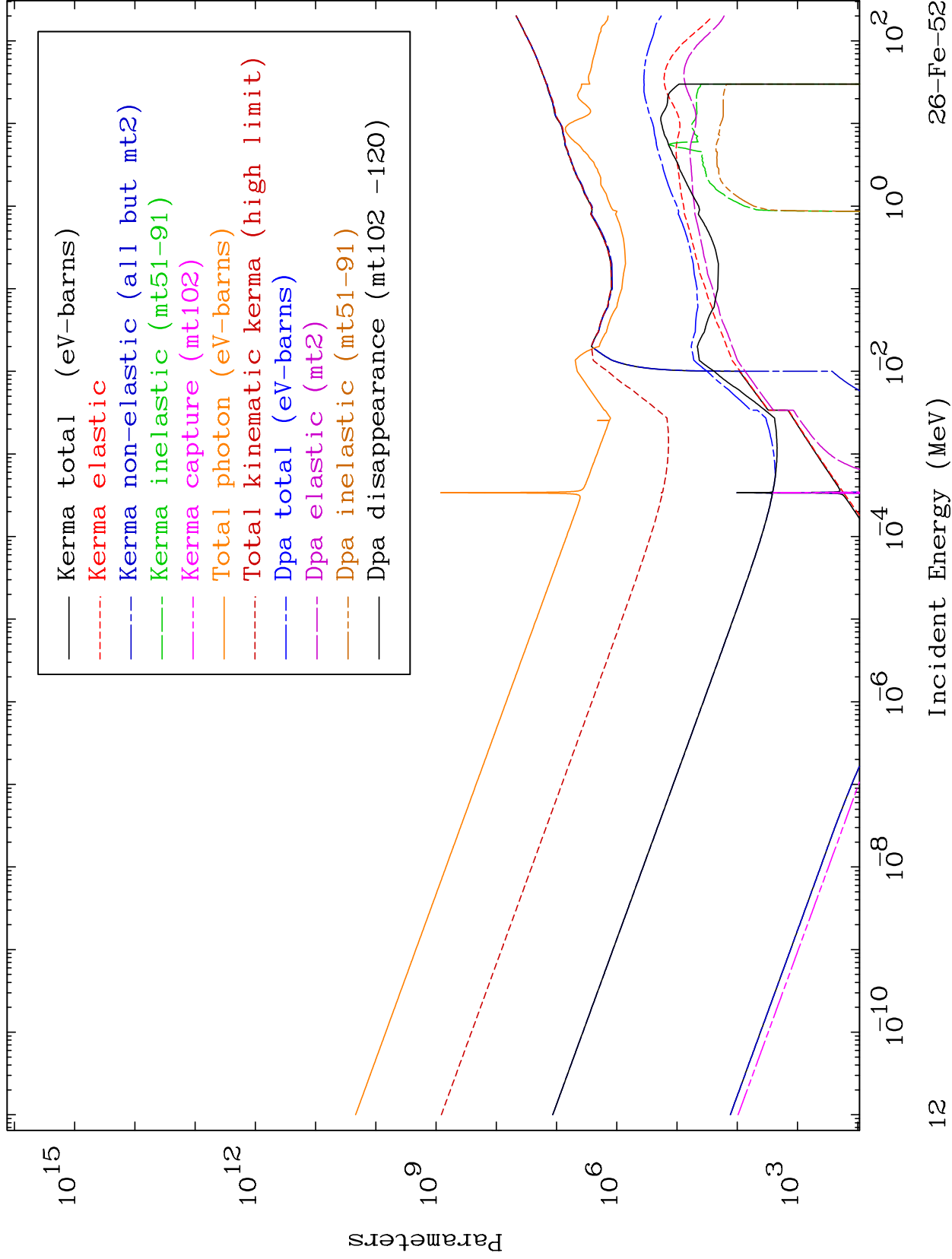
10

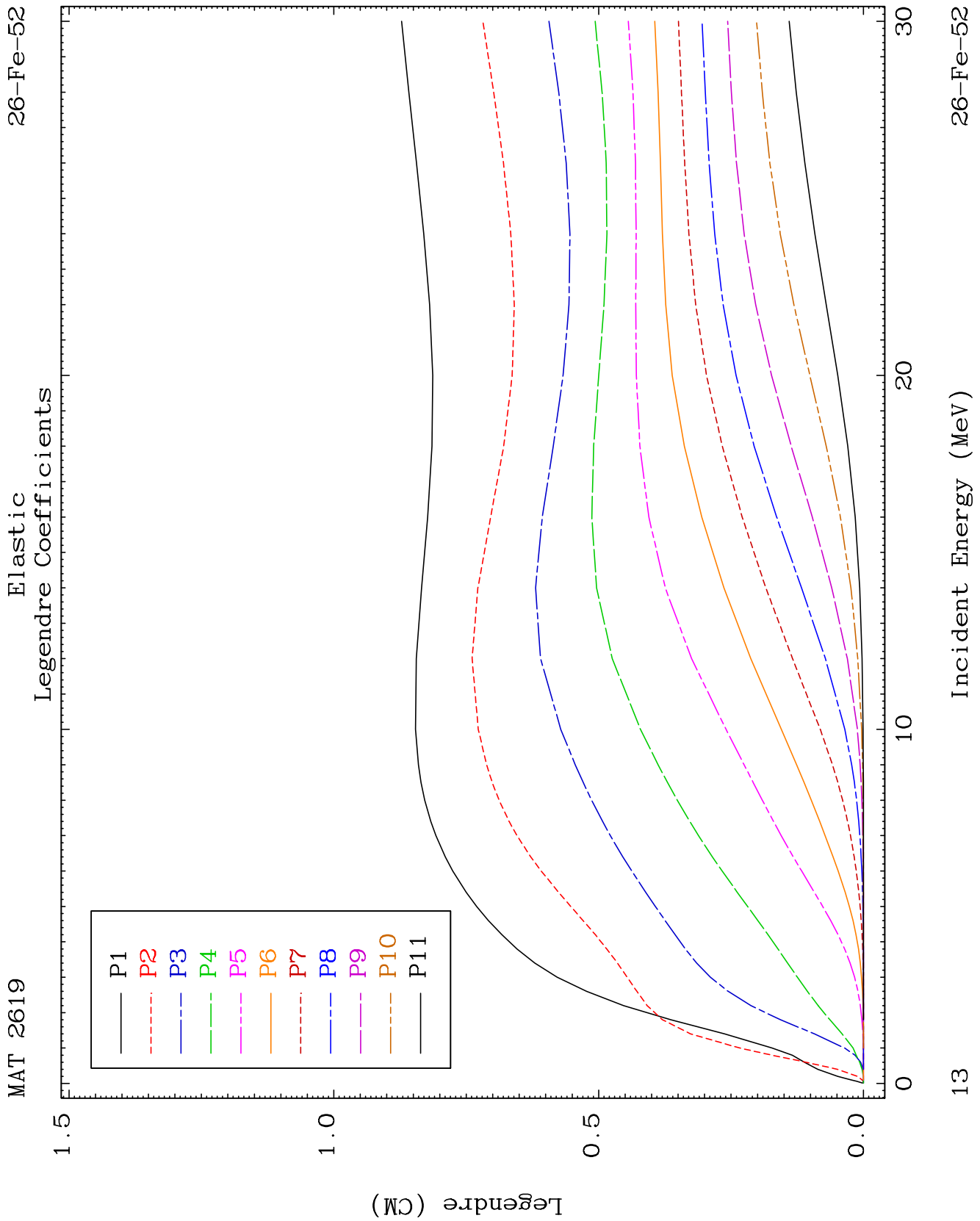
MAT 2619

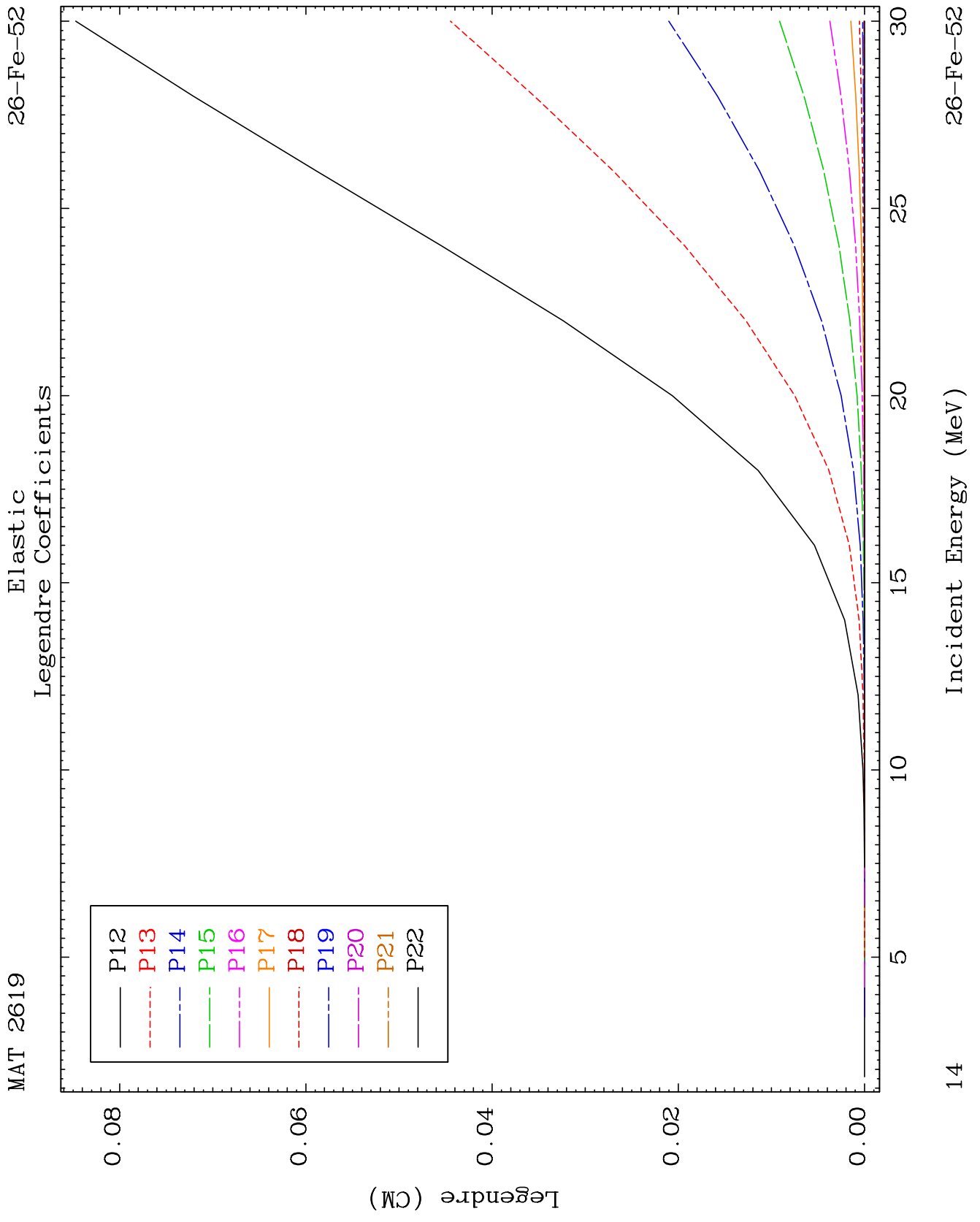
(n, α) Levels
293 Kelvin Cross Sections

26-Fe-52









MAT 2619

Elastic Legendre Coefficients

$^{26}\text{Fe-52}$

14

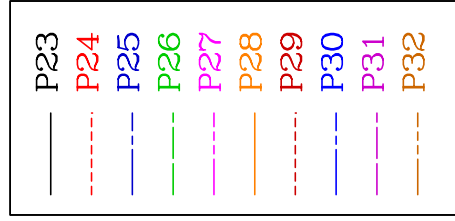
Incident Energy (MeV)

$^{26}\text{Fe-52}$

MAT 2619

Elastic
Legendre Coefficients

26-Fe-52



$\times 10^{-6}$

Legendre (CM)

1.5

1.0

0.5

0.0

10

15

20

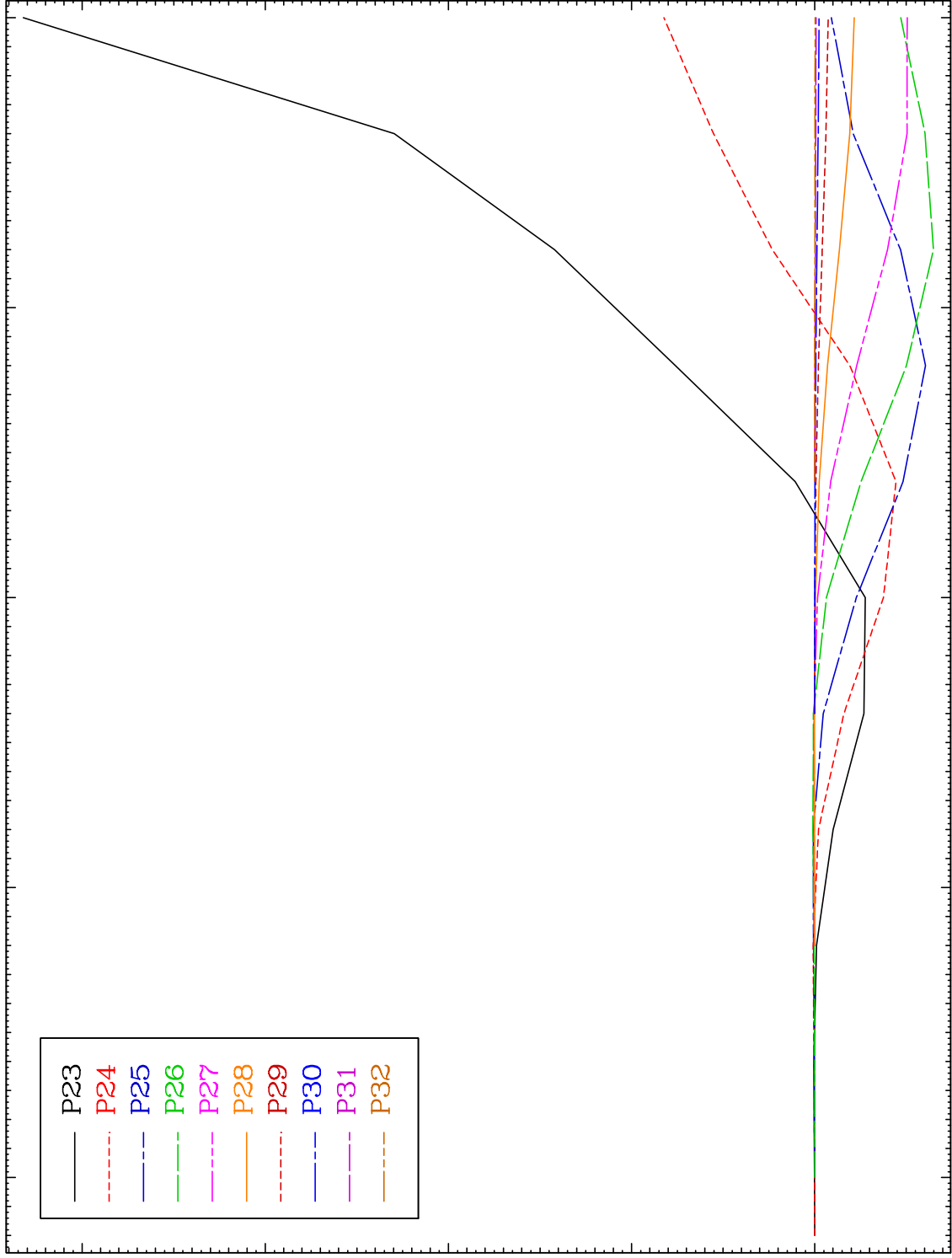
25

30

15

Incident Energy (MeV)

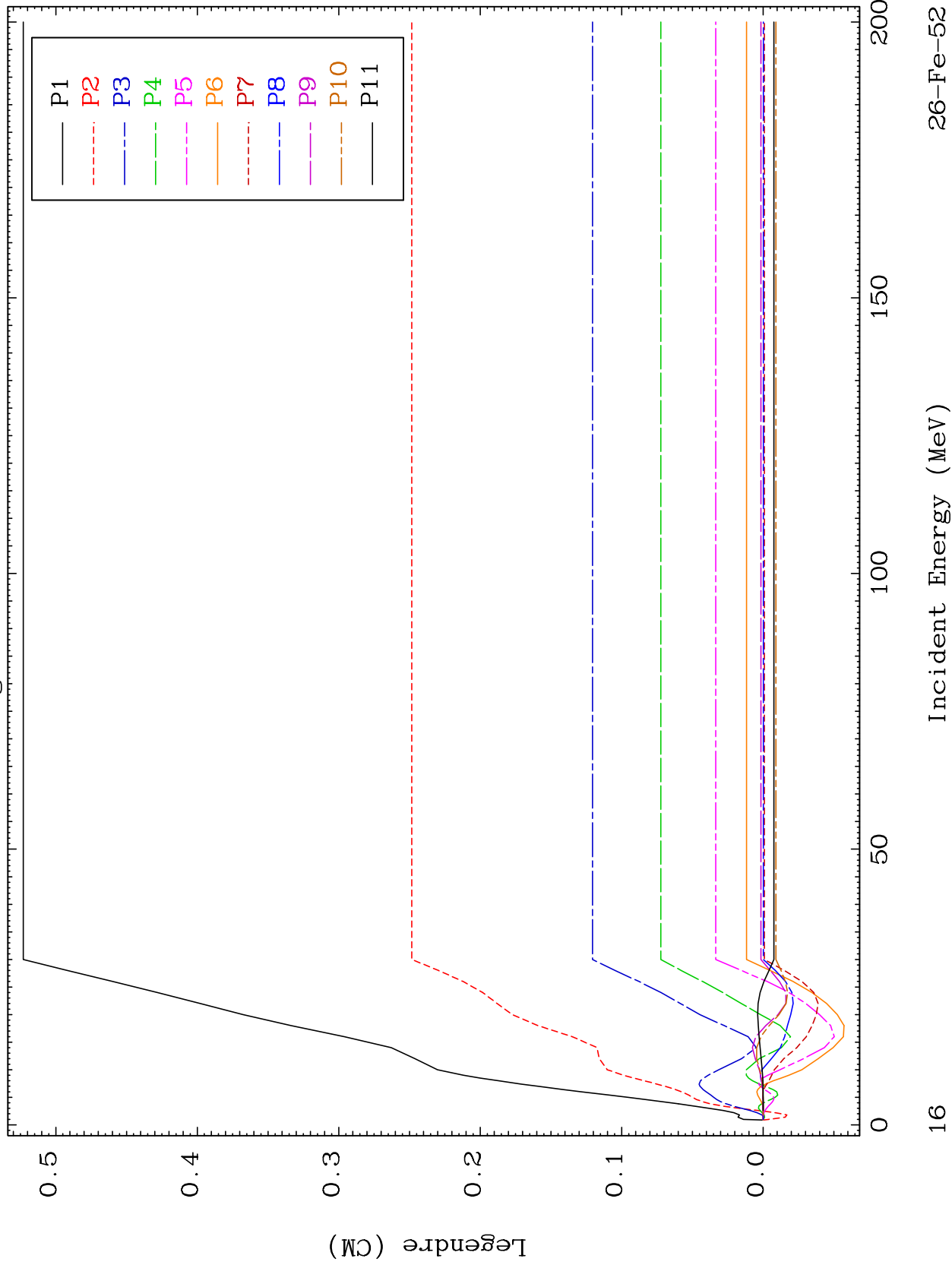
26-Fe-52



MAT 2619

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

26-Fe-52



26-Fe-52

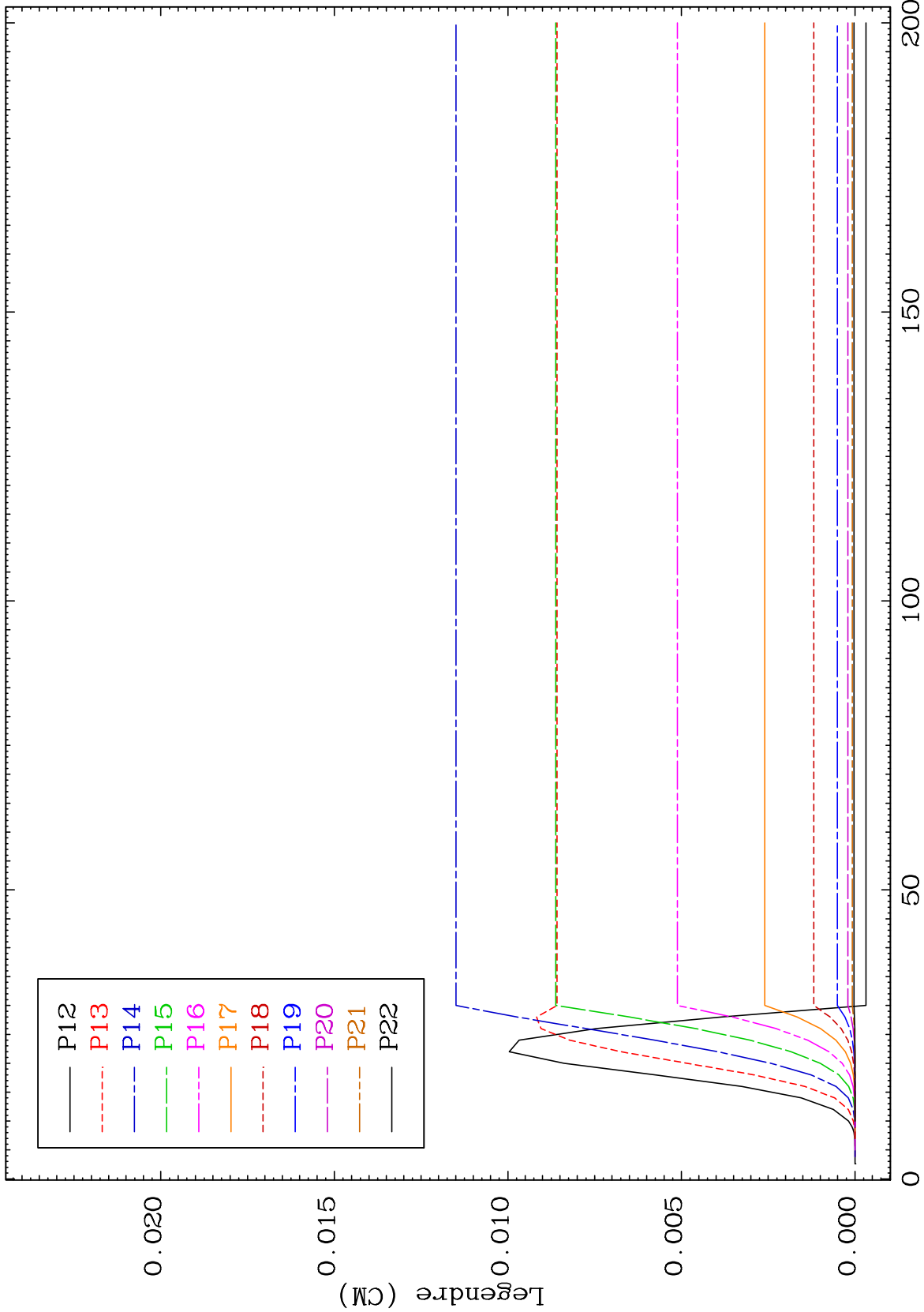
Incident Energy (MeV)

16

MAT 2619

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

26-Fe-52



17

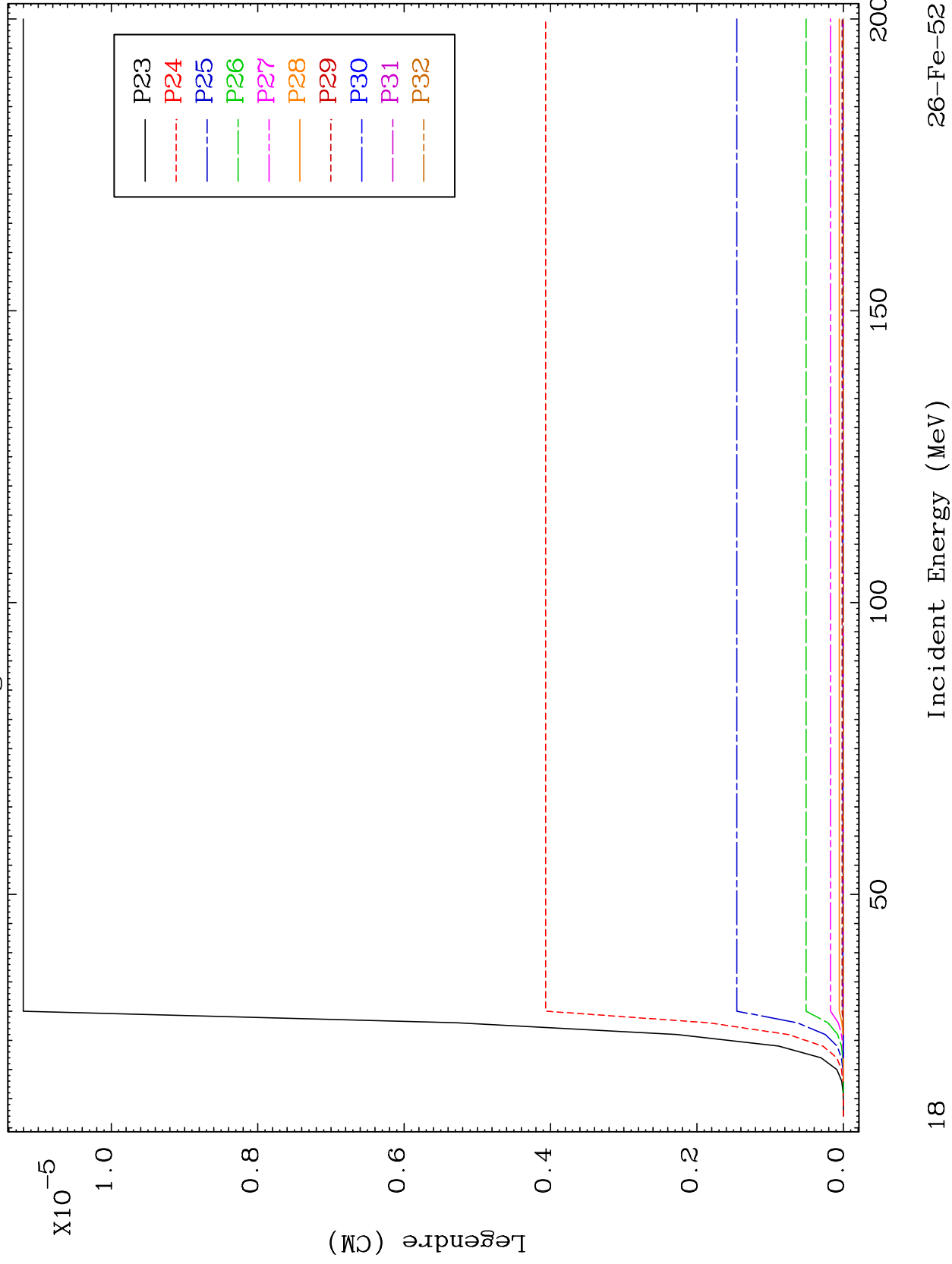
Incident Energy (MeV)

26-Fe-52

MAT 2619

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

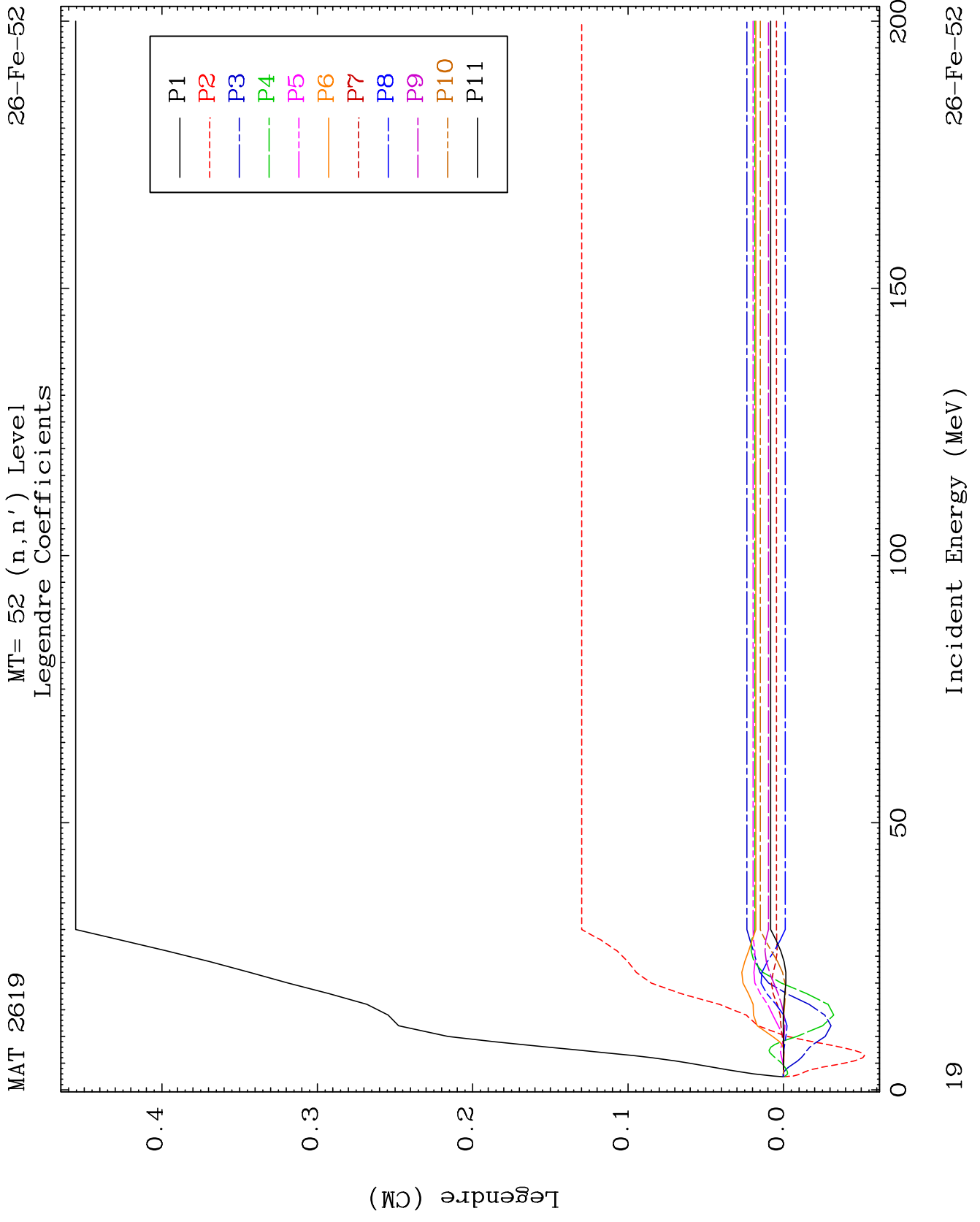
26-Fe-52



18

Incident Energy (MeV)

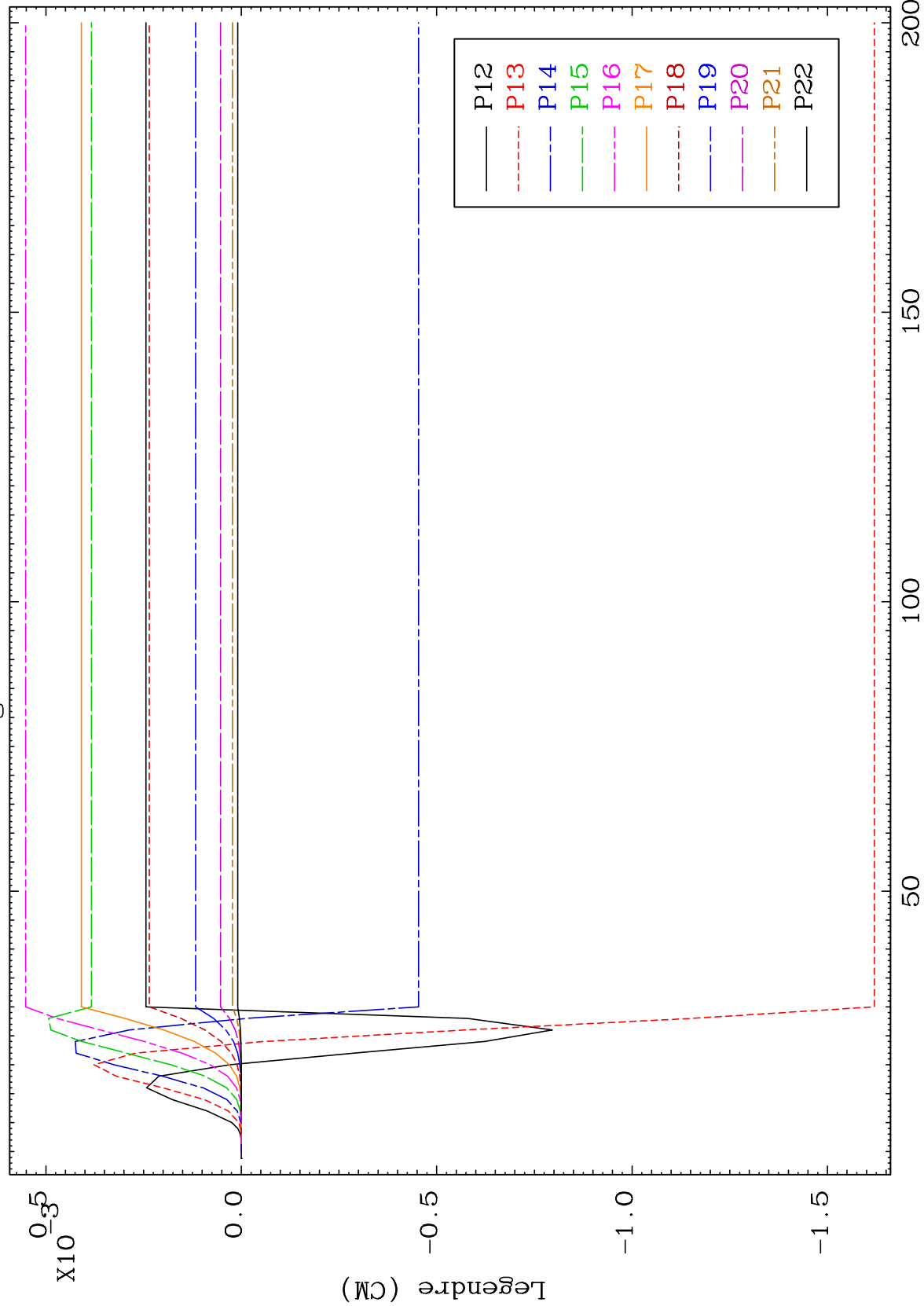
26-Fe-52



MAT 2619

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

26-Fe-52



20

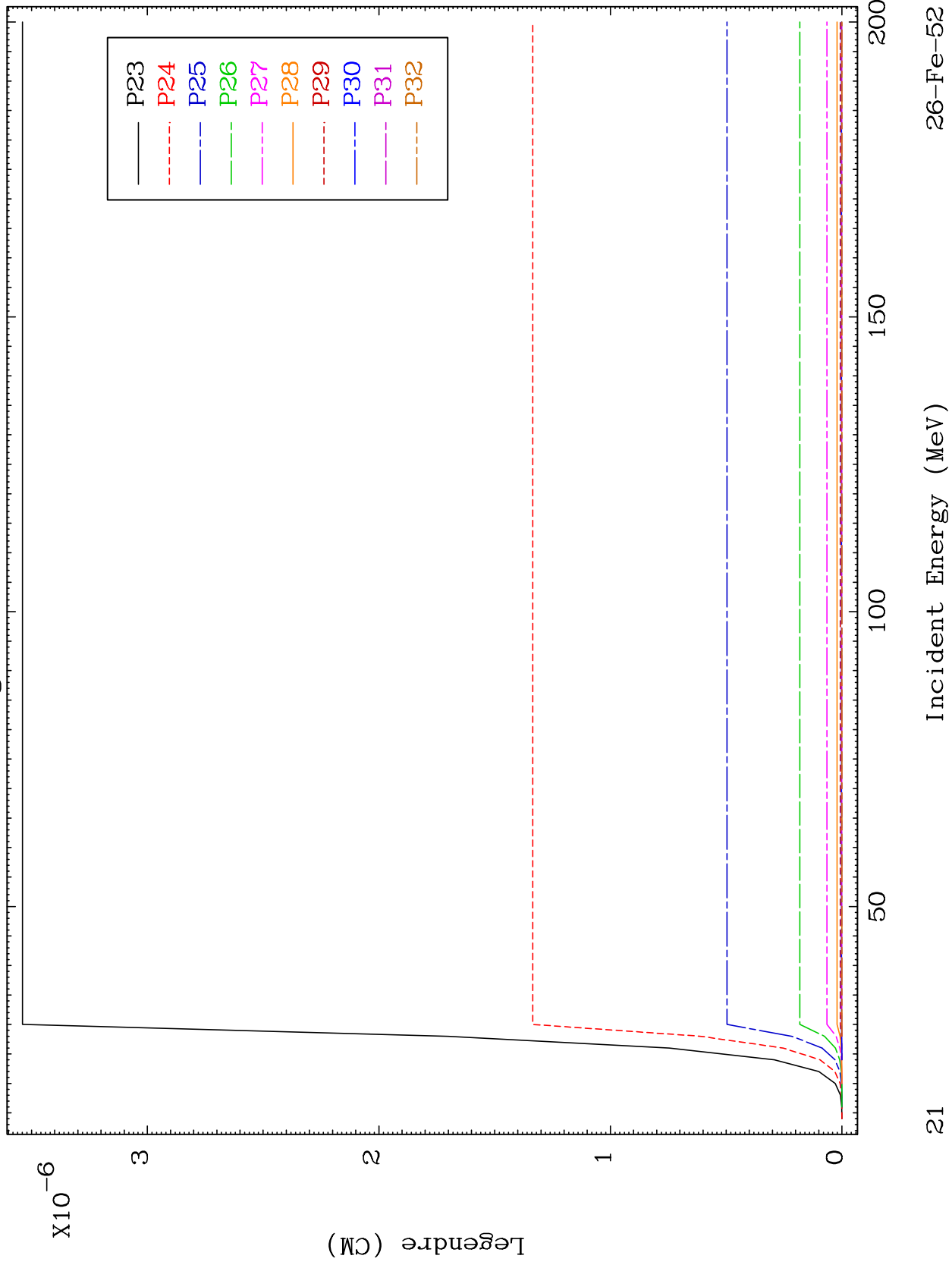
Incident Energy (MeV)

26-Fe-52

MAT 2619

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

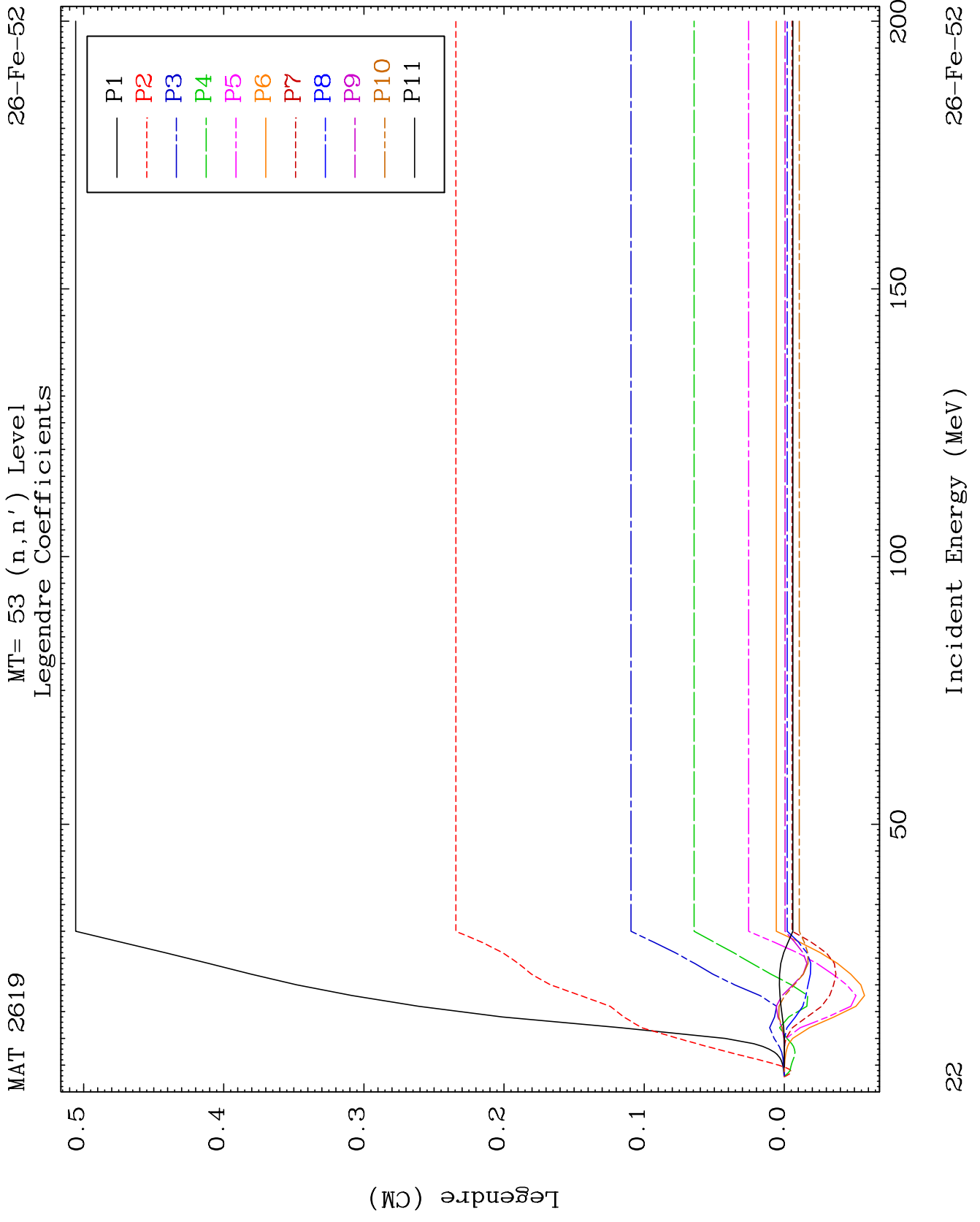
26-Fe-52



21

Incident Energy (MeV)

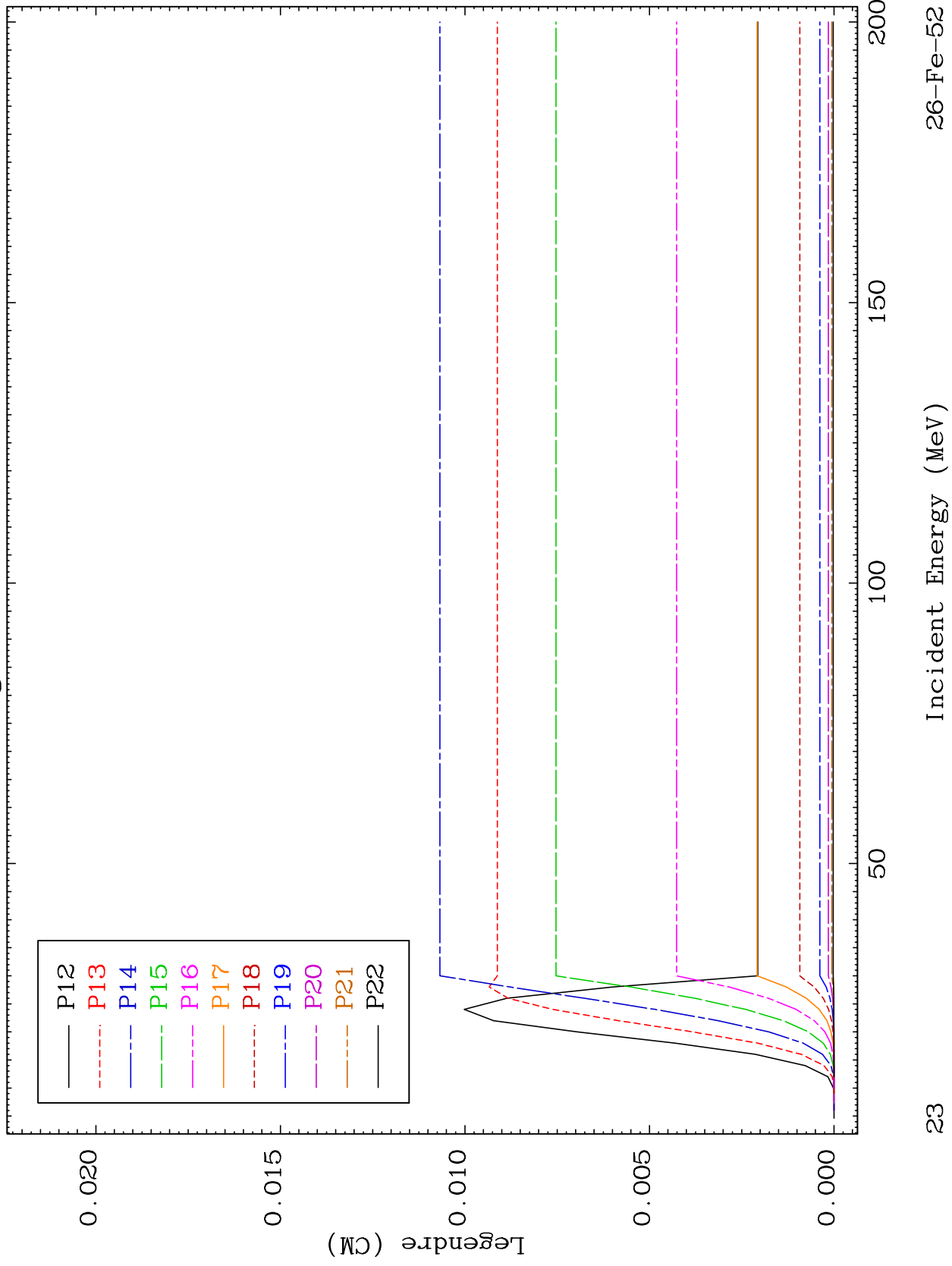
26-Fe-52



MAT 2619

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

26-Fe-52



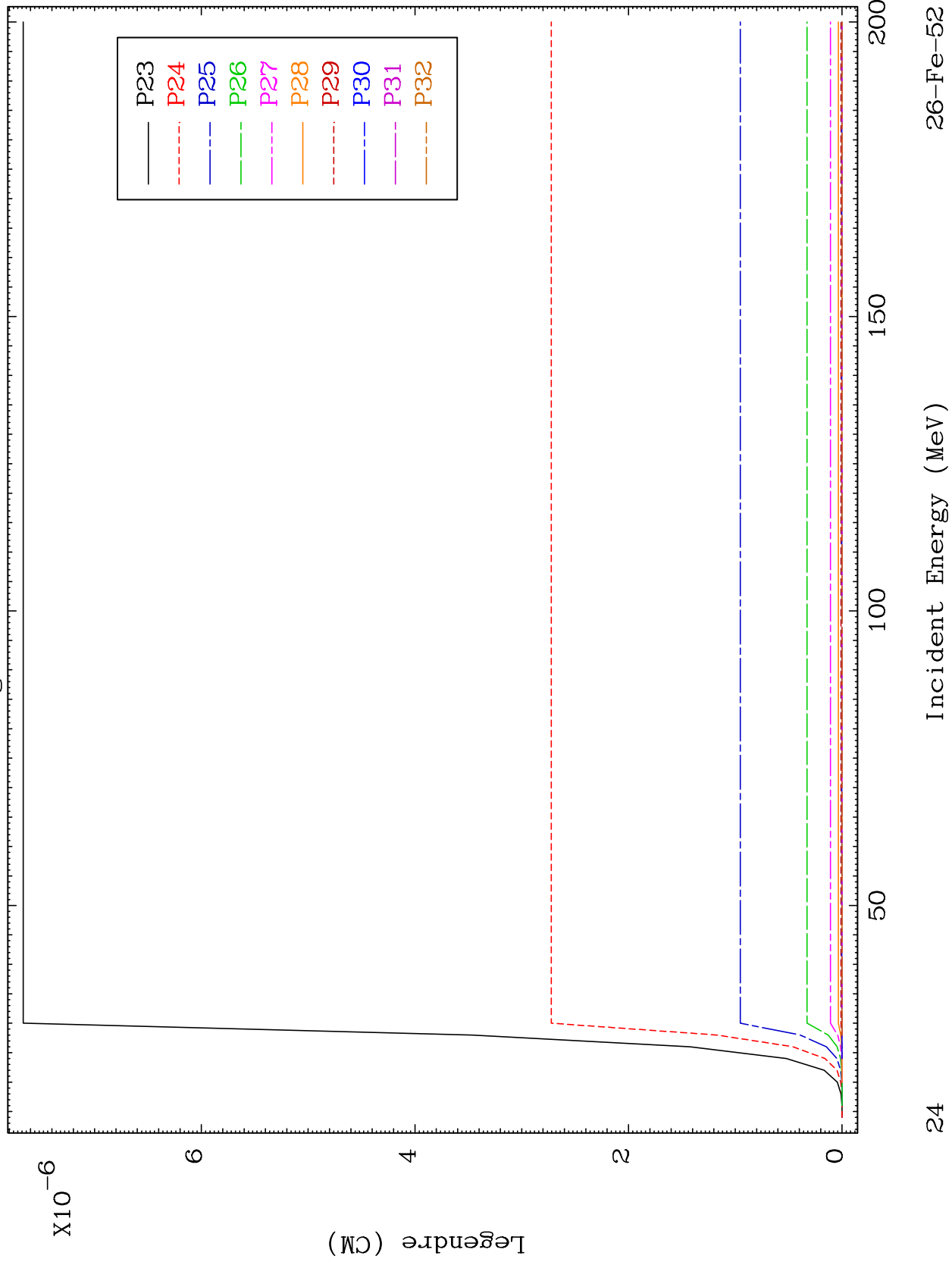
23

26-Fe-52

MAT 2619

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

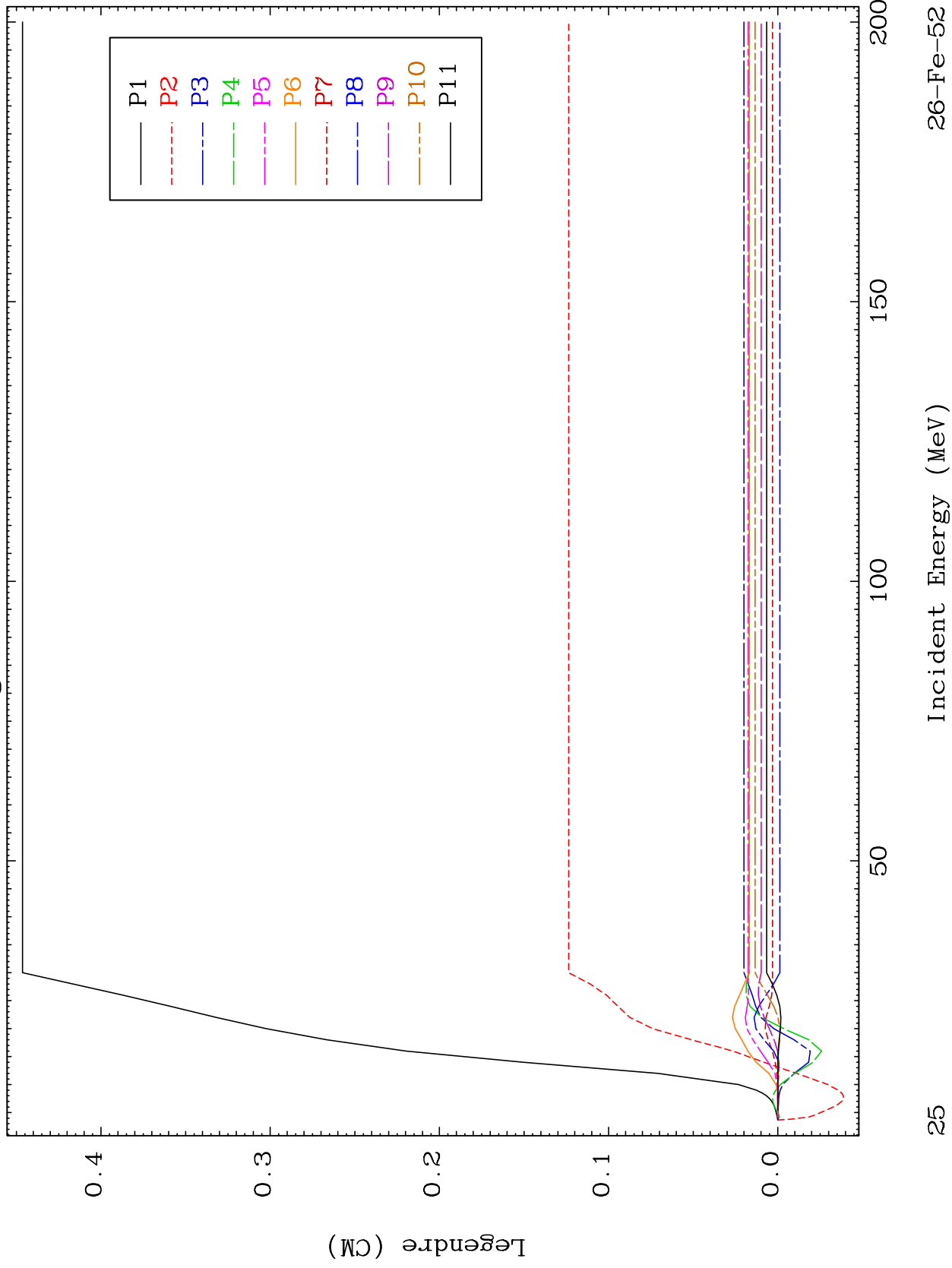
26-Fe-52



MAT 2619

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

26-Fe-52



26-Fe-52

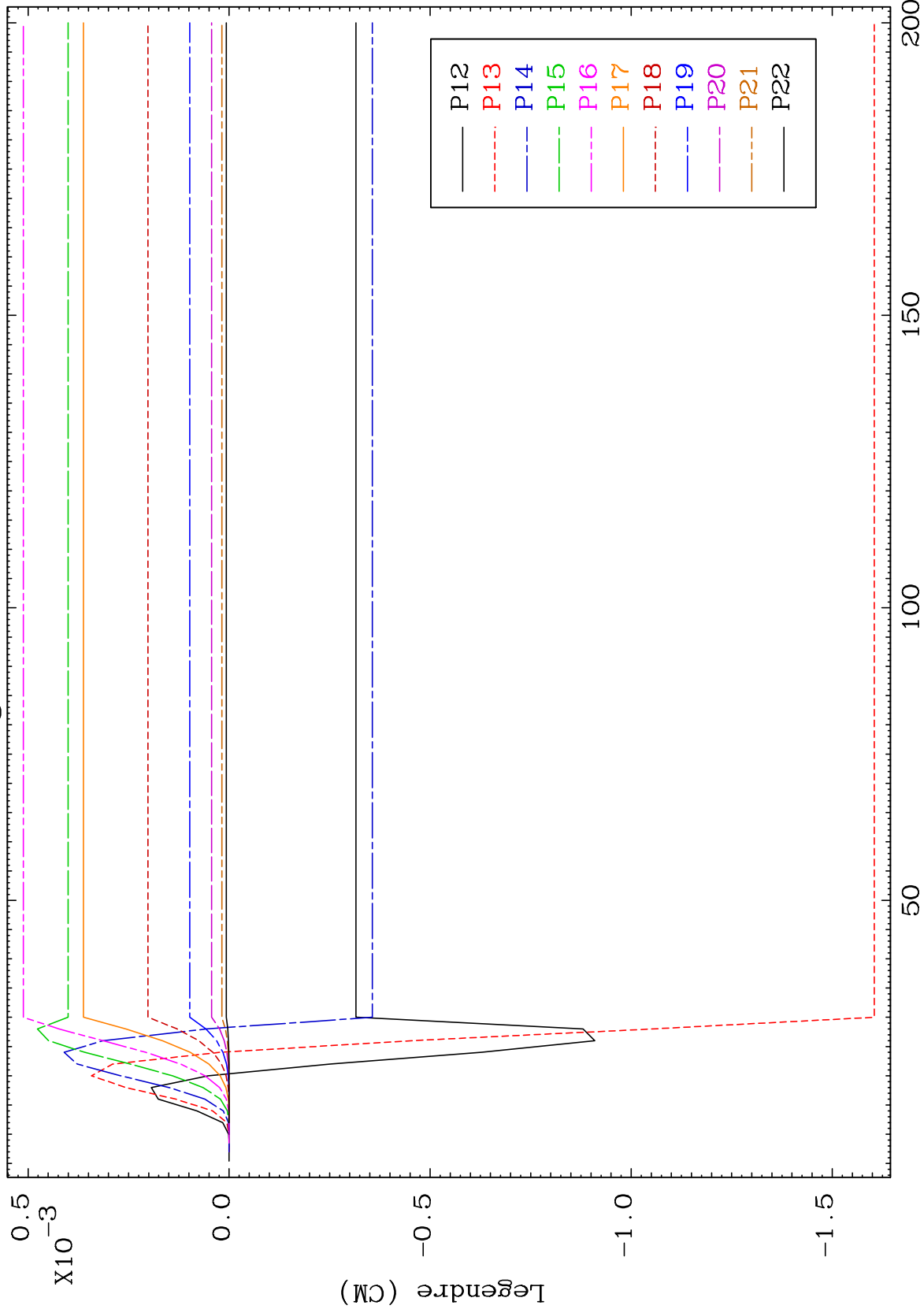
Incident Energy (MeV)

25

MAT 2619

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

26-Fe-52



26

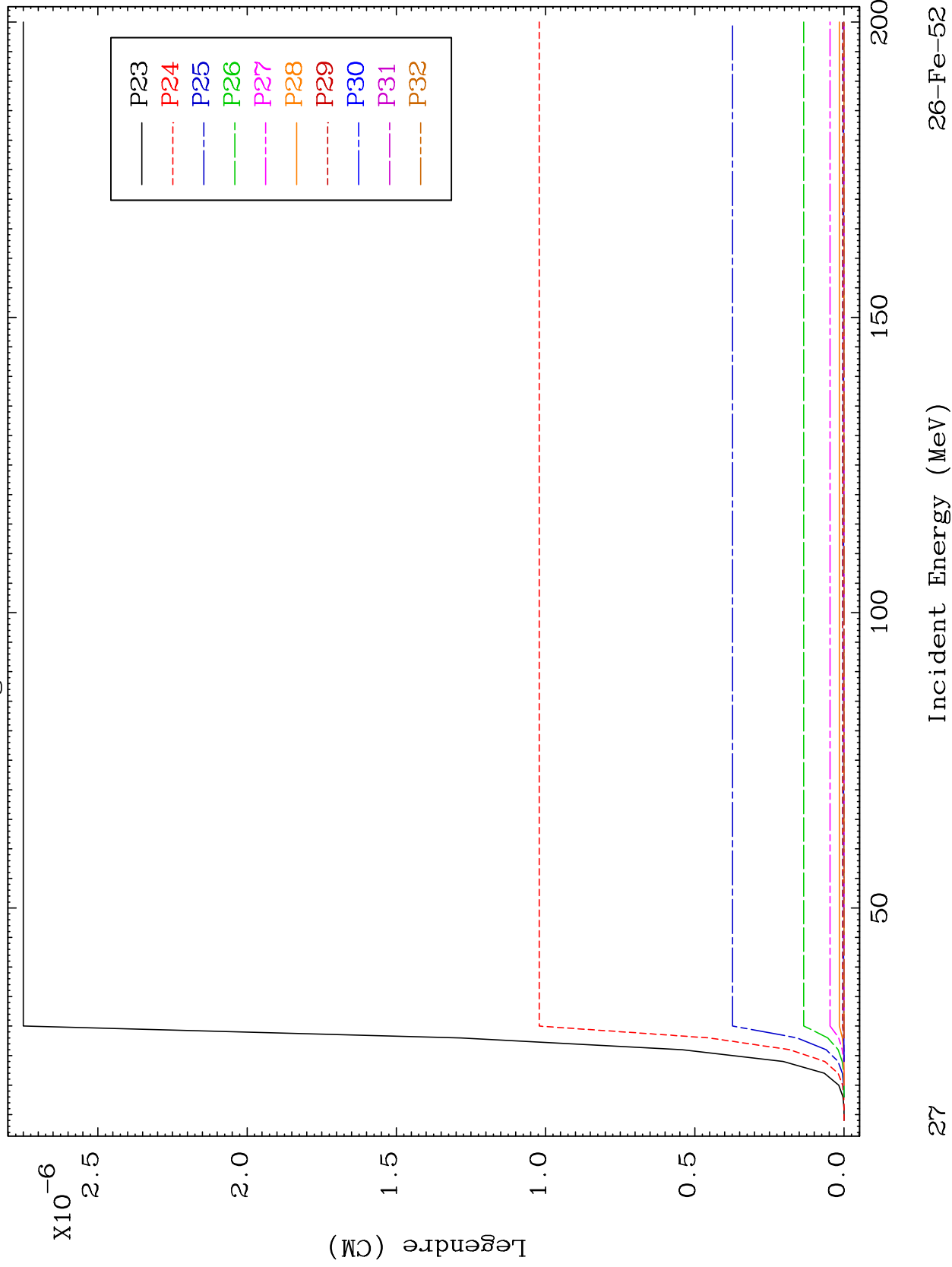
Incident Energy (MeV)

26-Fe-52

MAT 2619

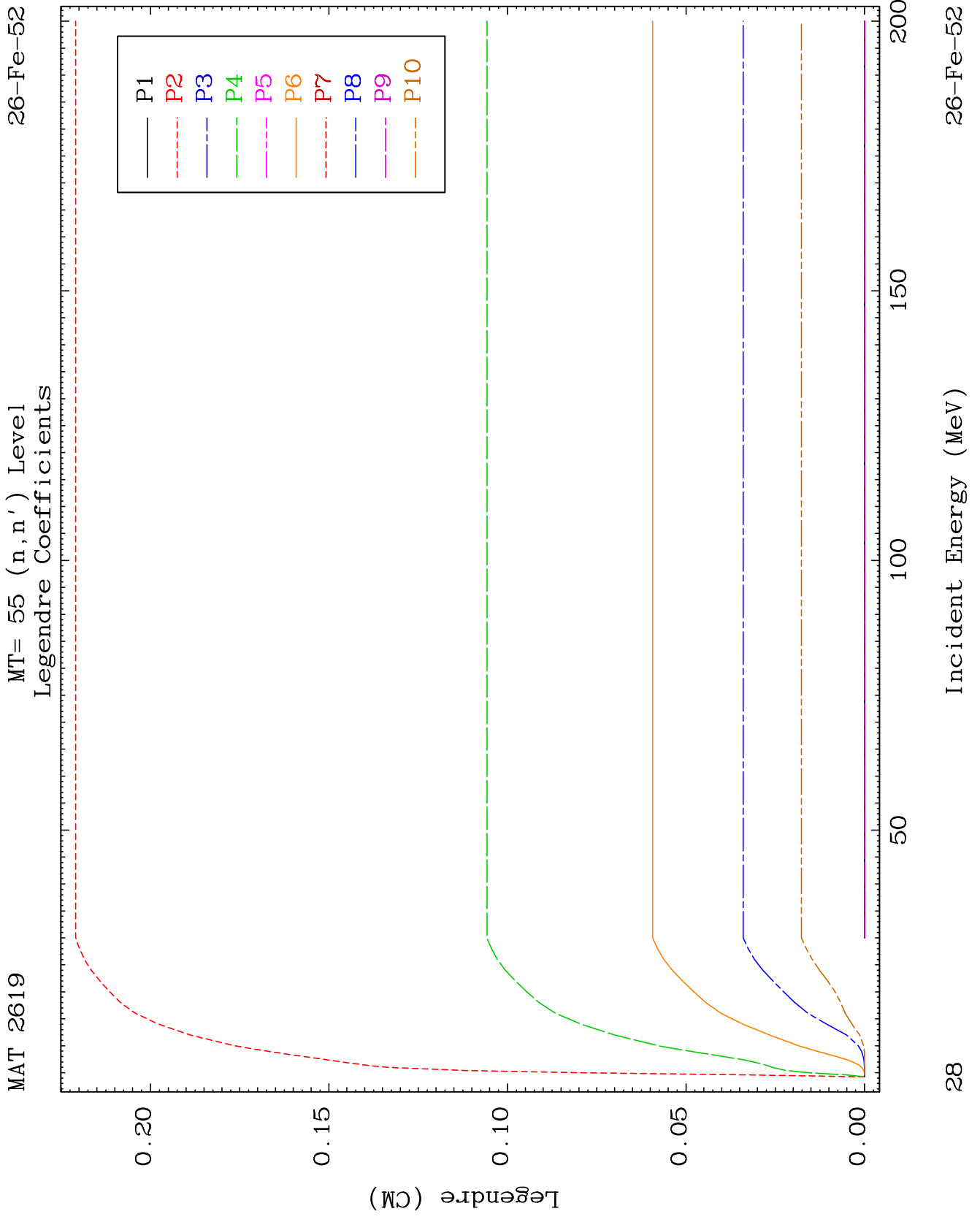
MT= 54 (n,n') Level
Legendre Coefficients

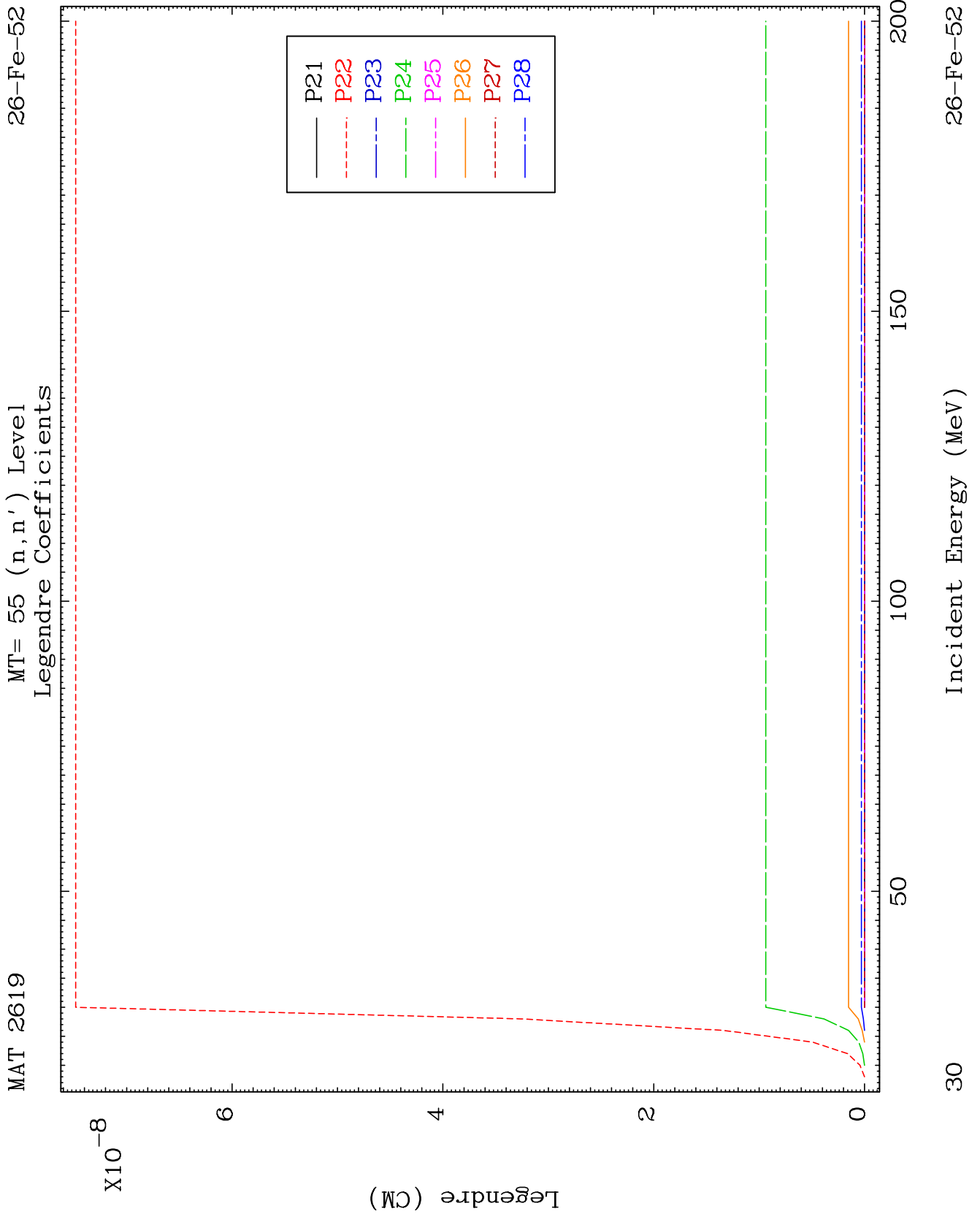
26-Fe-52

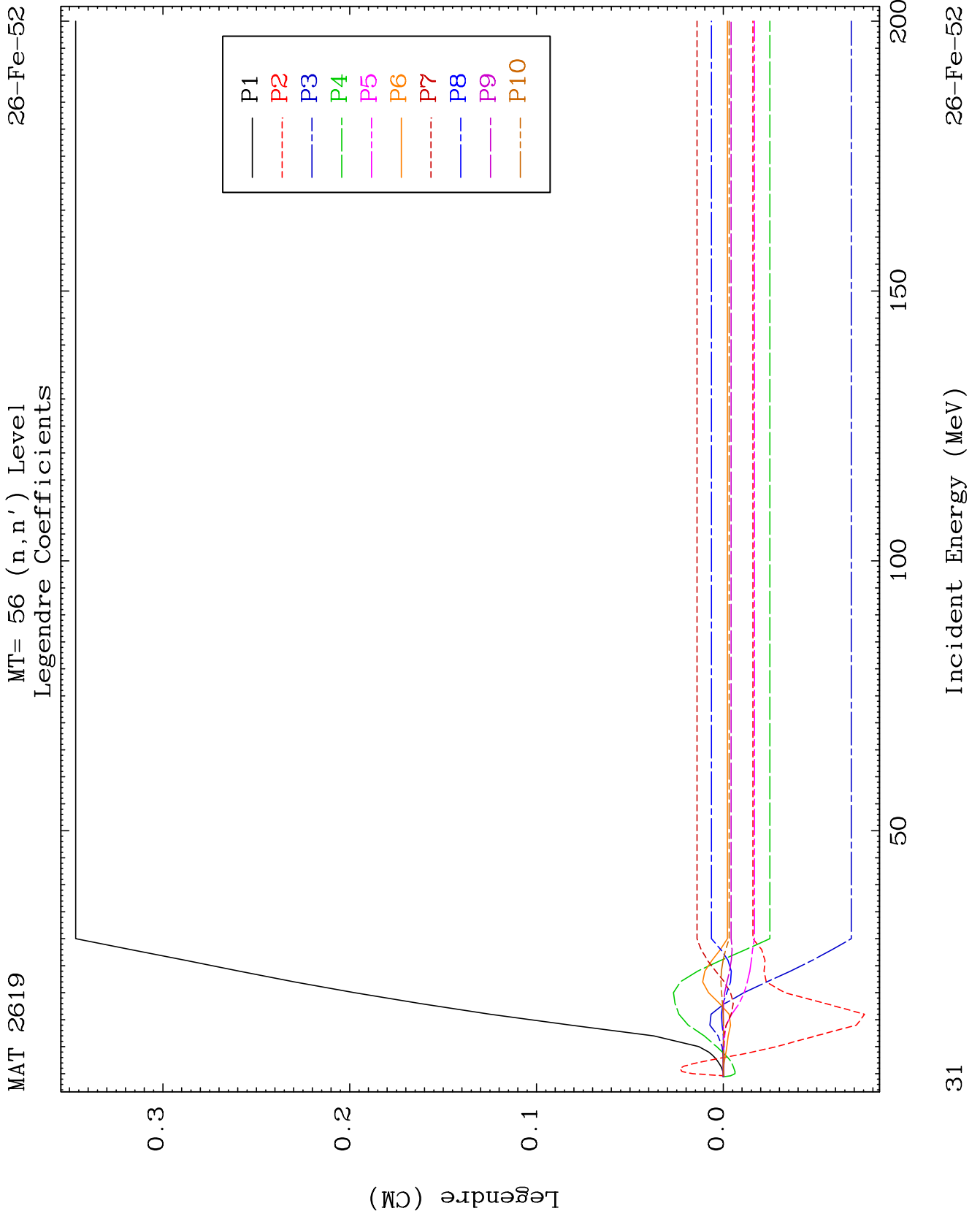


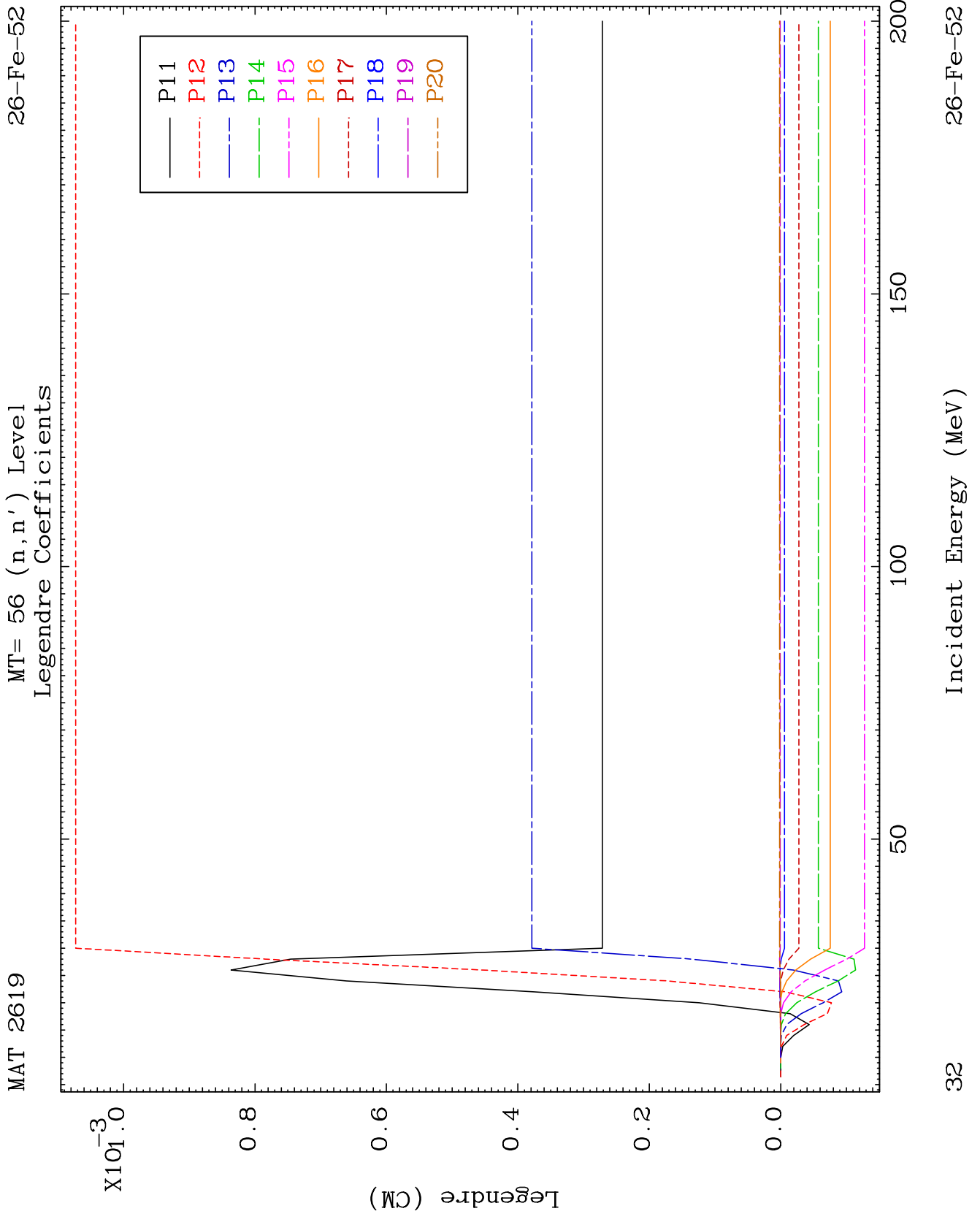
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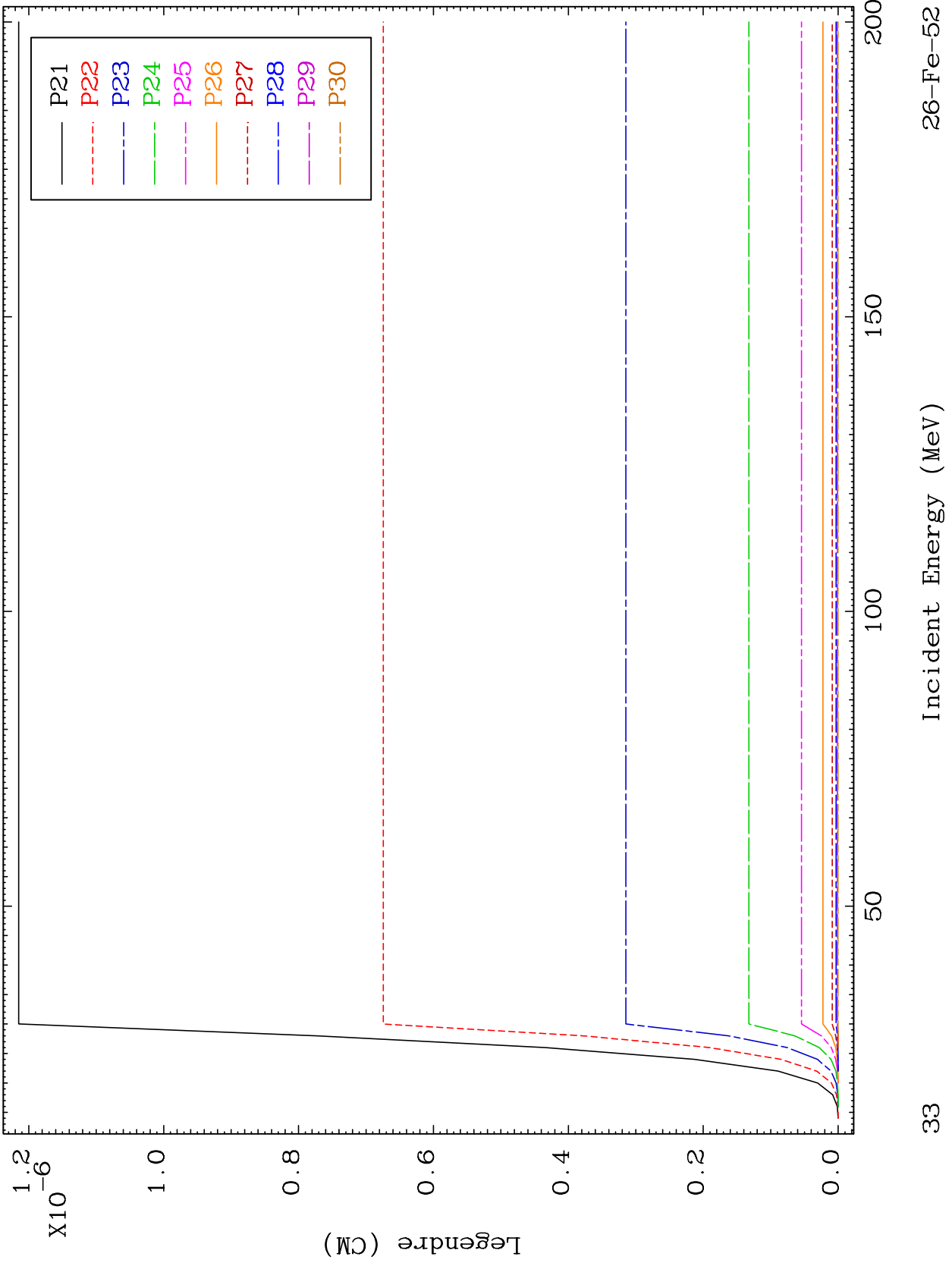
26-Fe-52







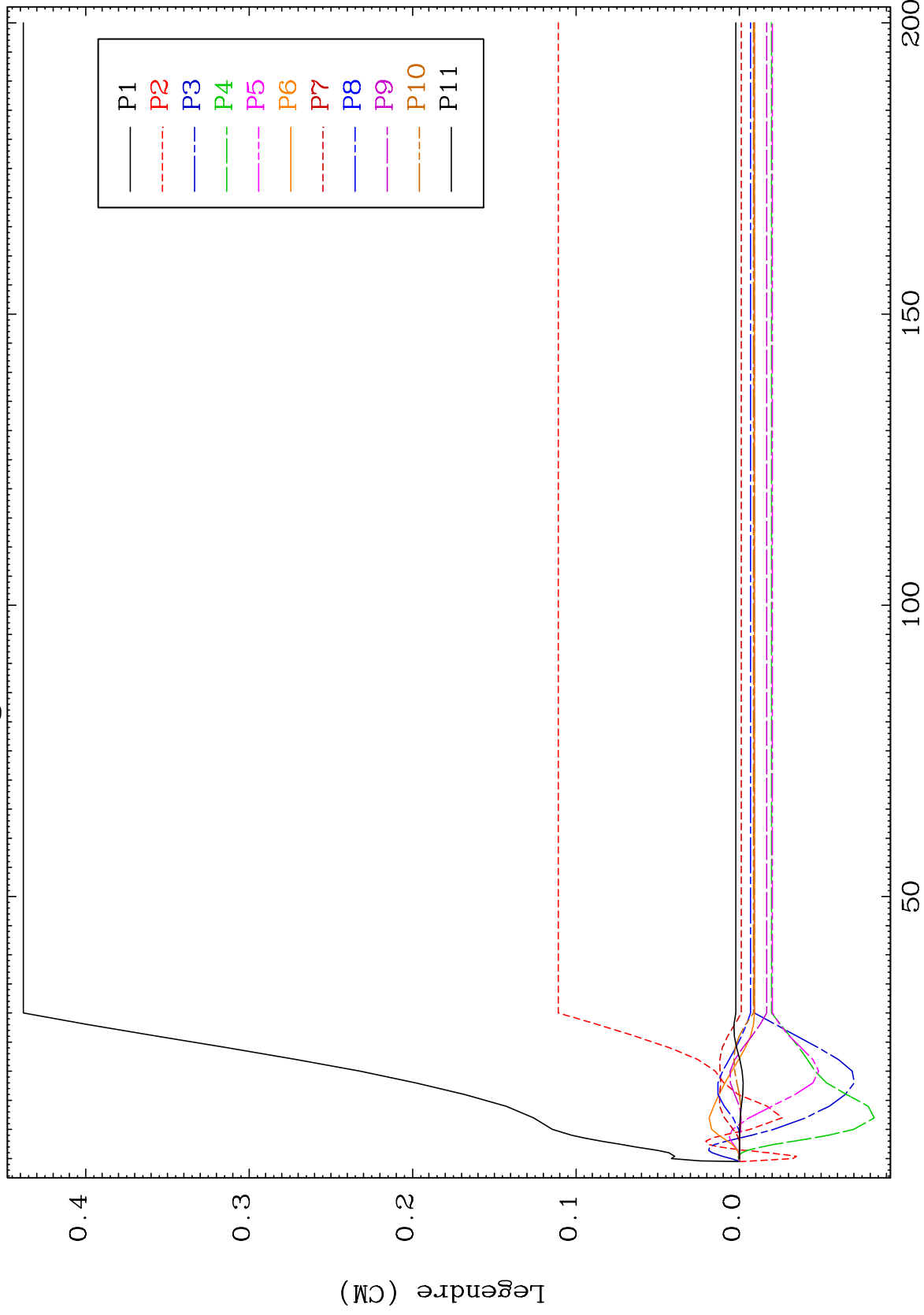




MAT 2619

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

26-Fe-52



34

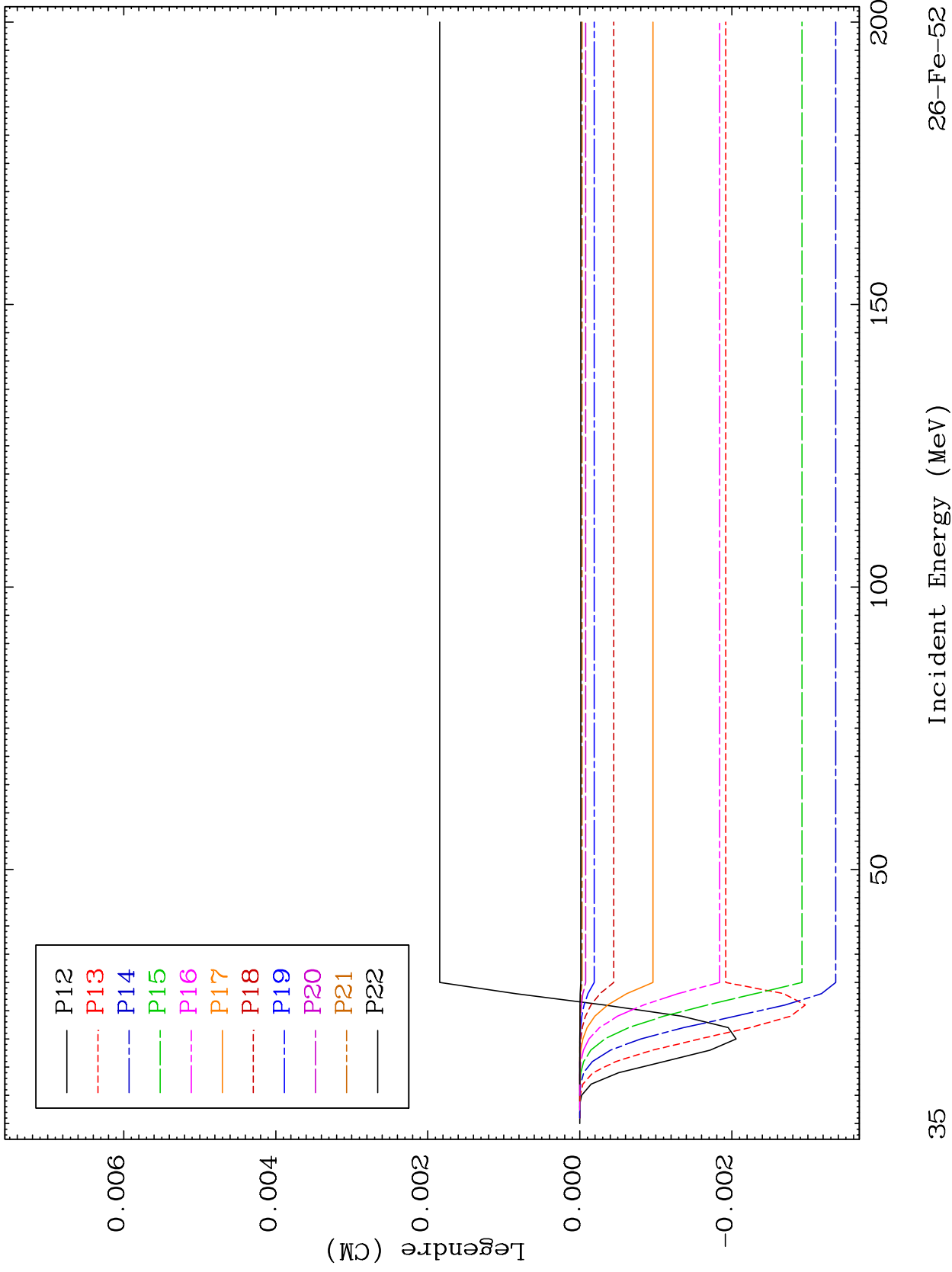
Incident Energy (MeV)

26-Fe-52

MAT 2619

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

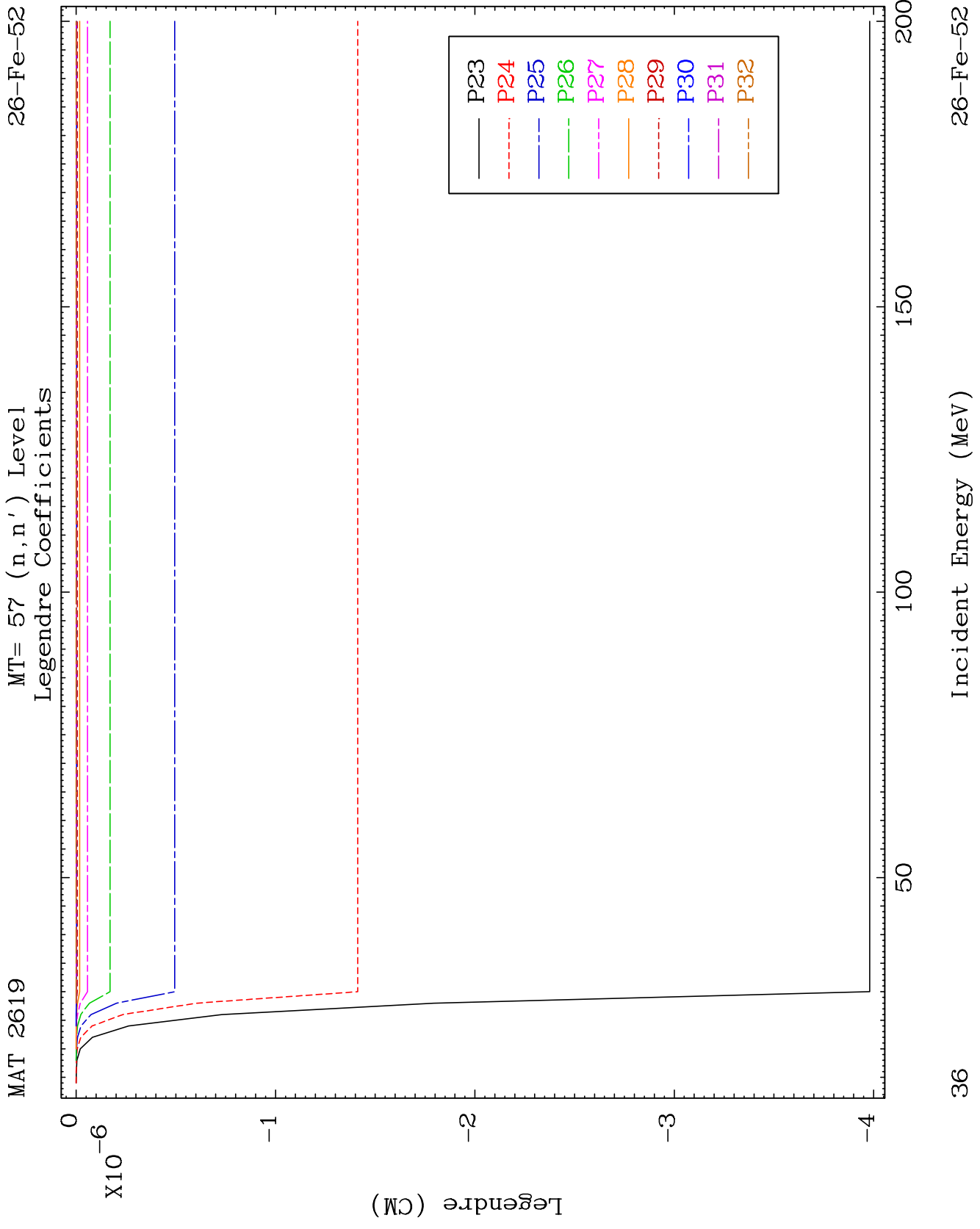
26-Fe-52

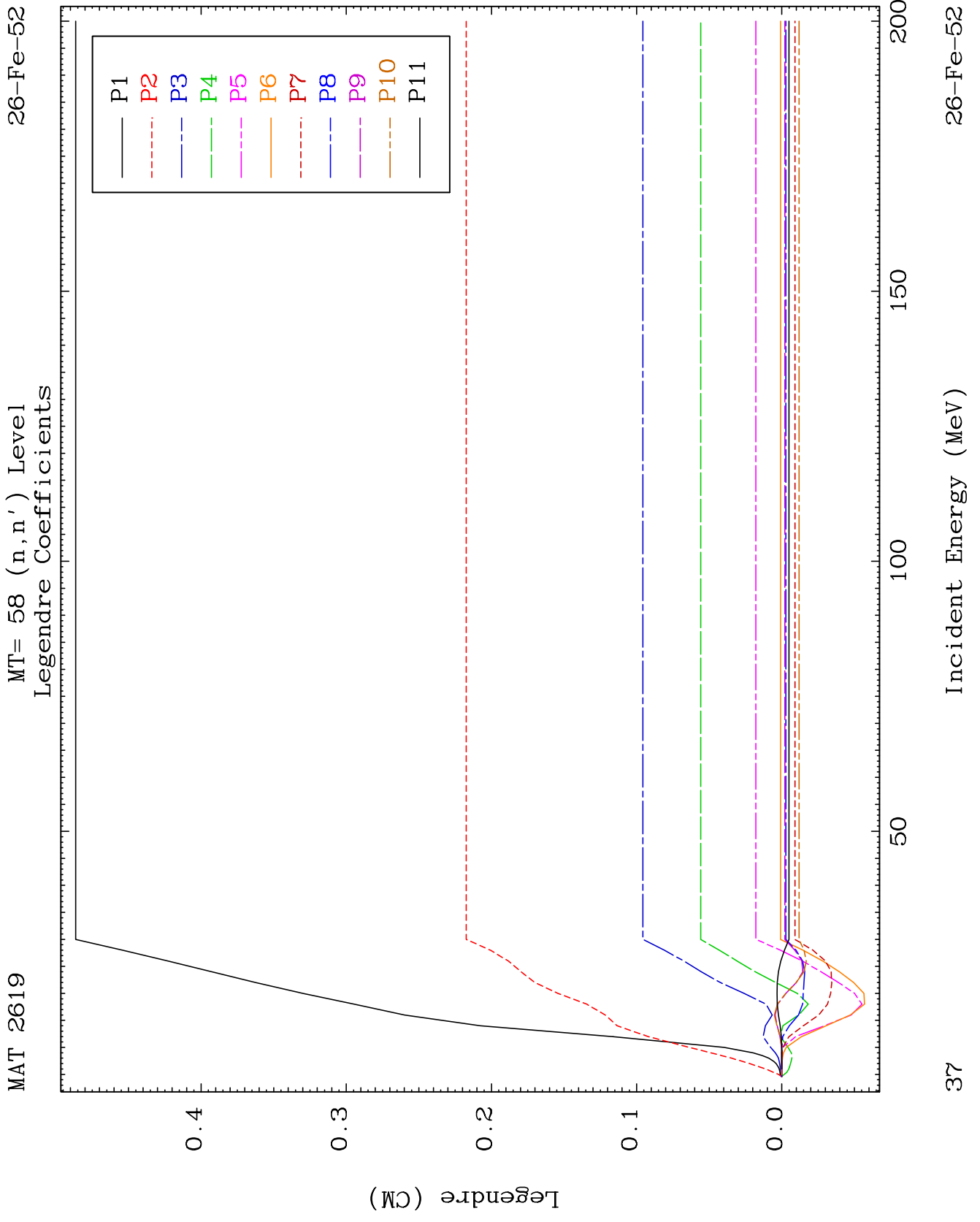


35

Incident Energy (MeV)

26-Fe-52

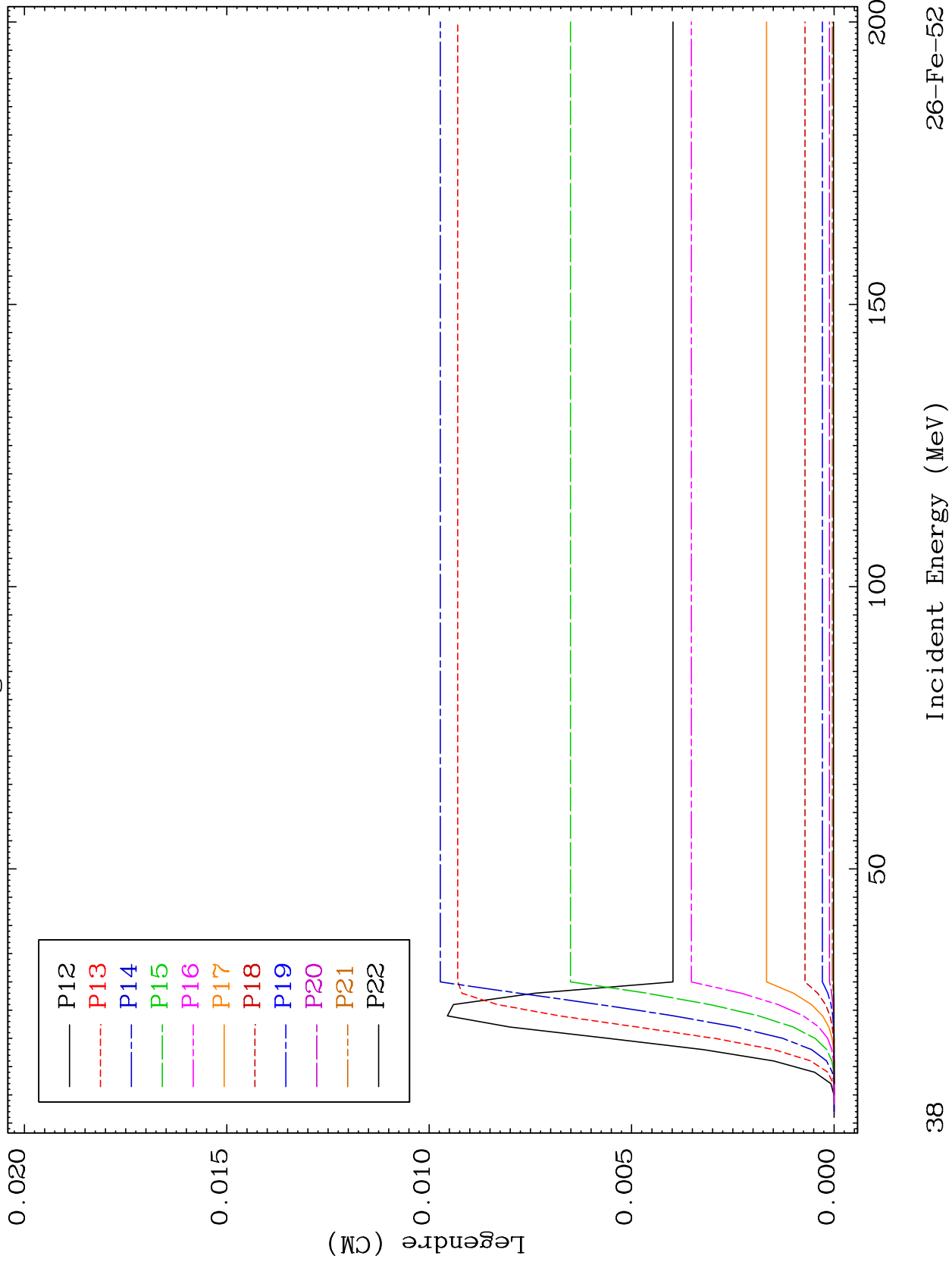




MAT 2619

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

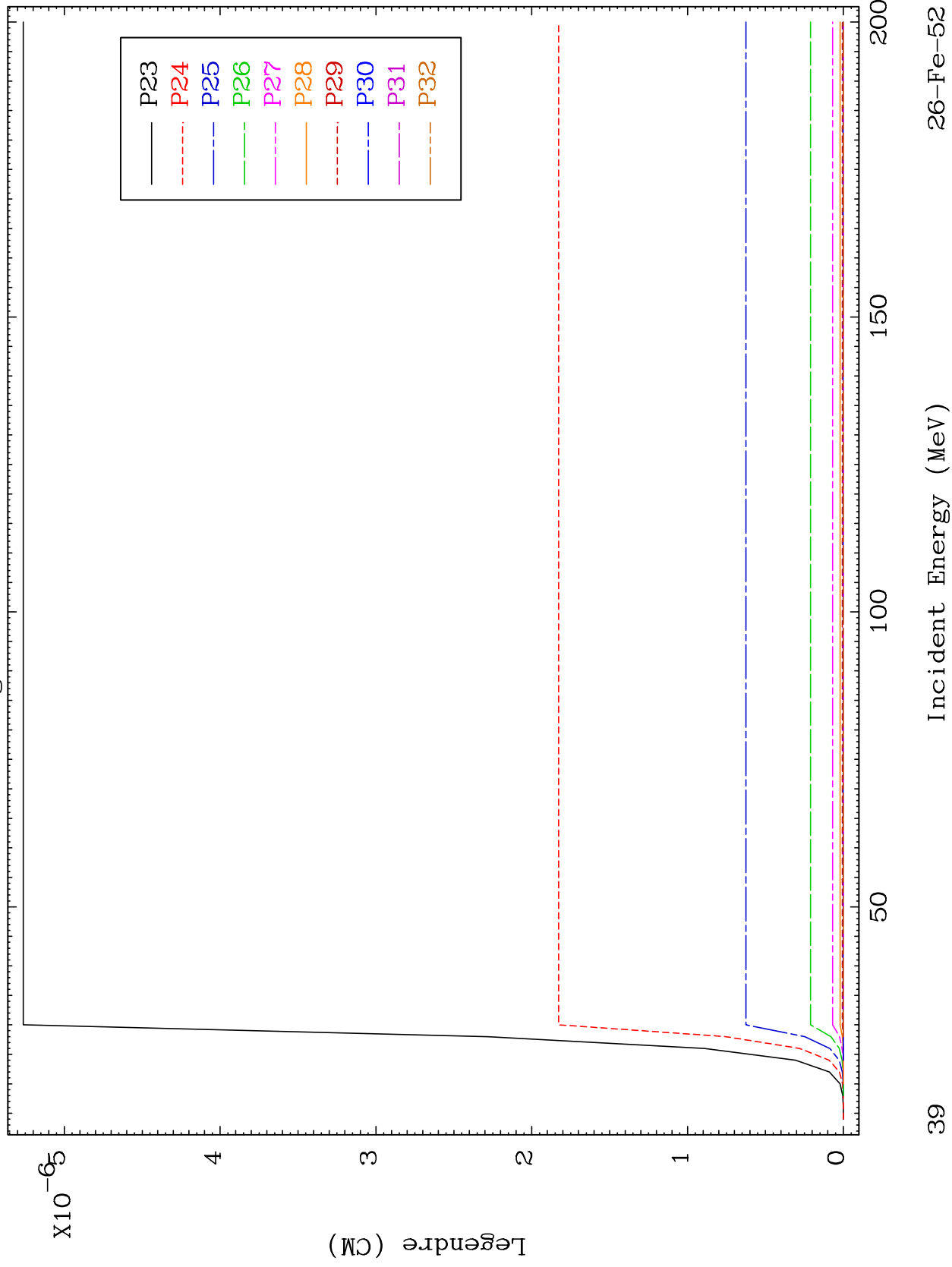
26-Fe-52



MAT 2619

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

26-Fe-52



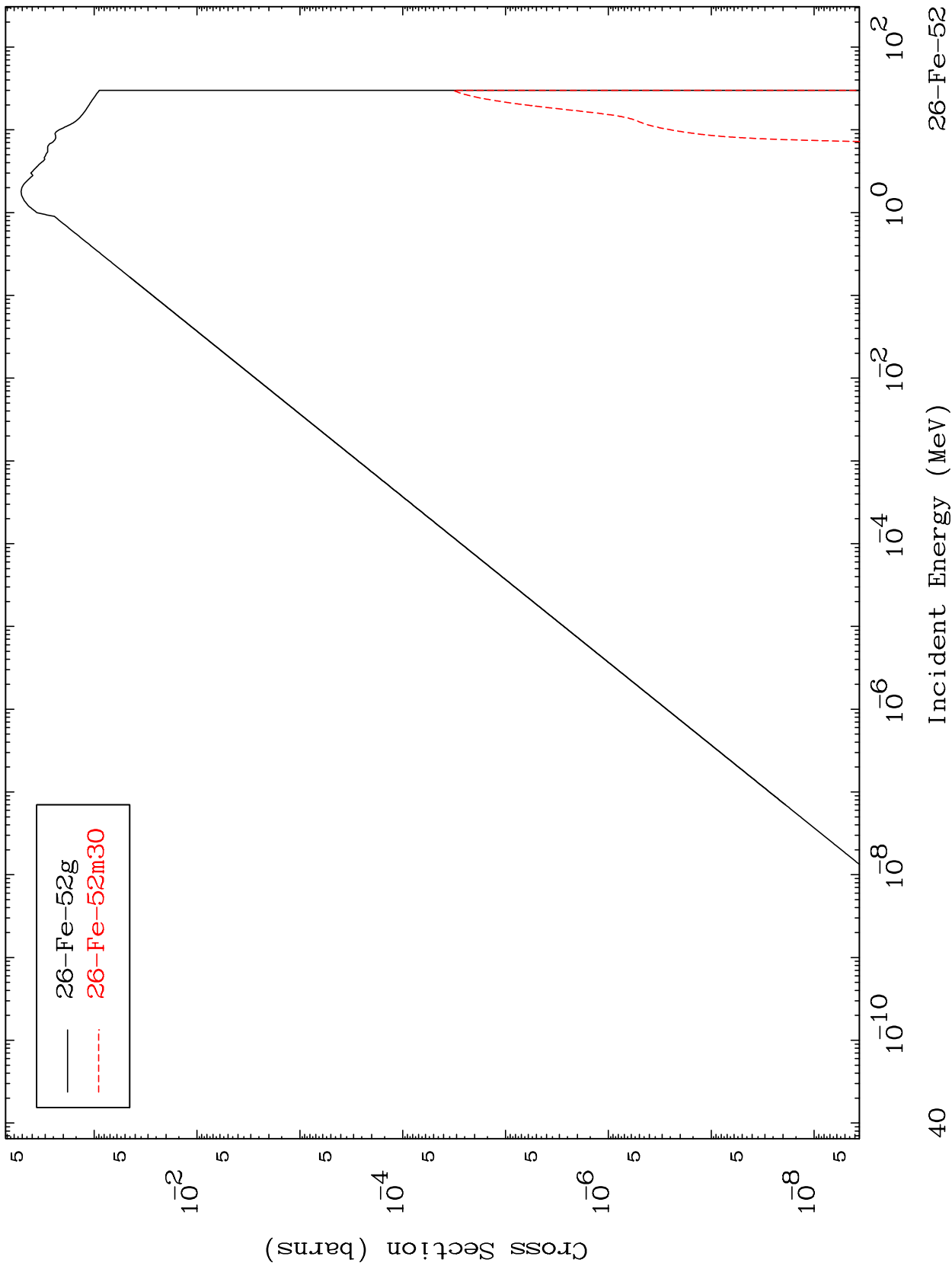
39

26-Fe-52

MAT 2619

Inelastic
Radionuclide Production Cross Section

²⁶Fe-52

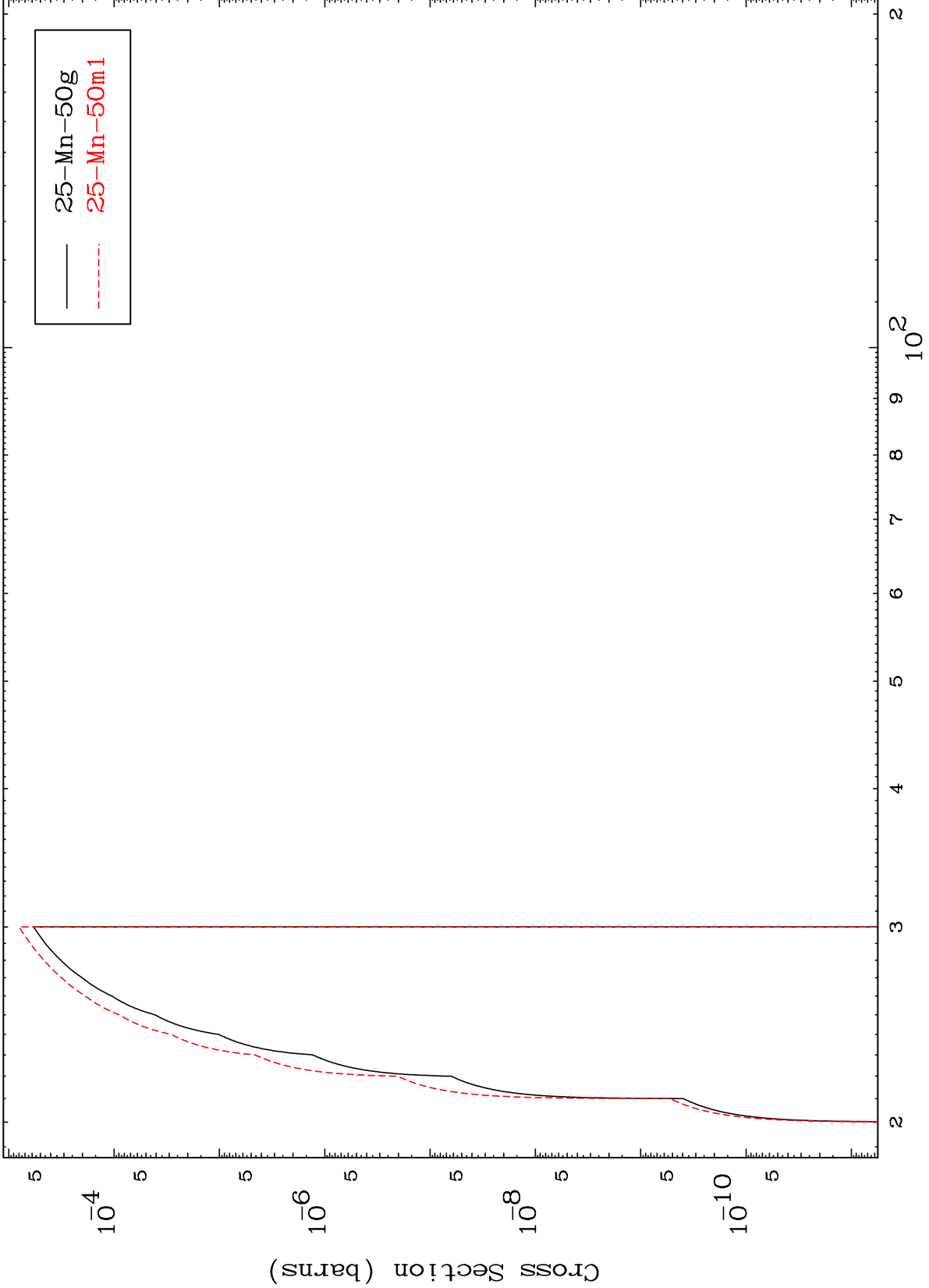


MAT 2619

(n,n') d

26-Fe-52

Radionuclide Production Cross Section



41

Incident Energy (MeV)

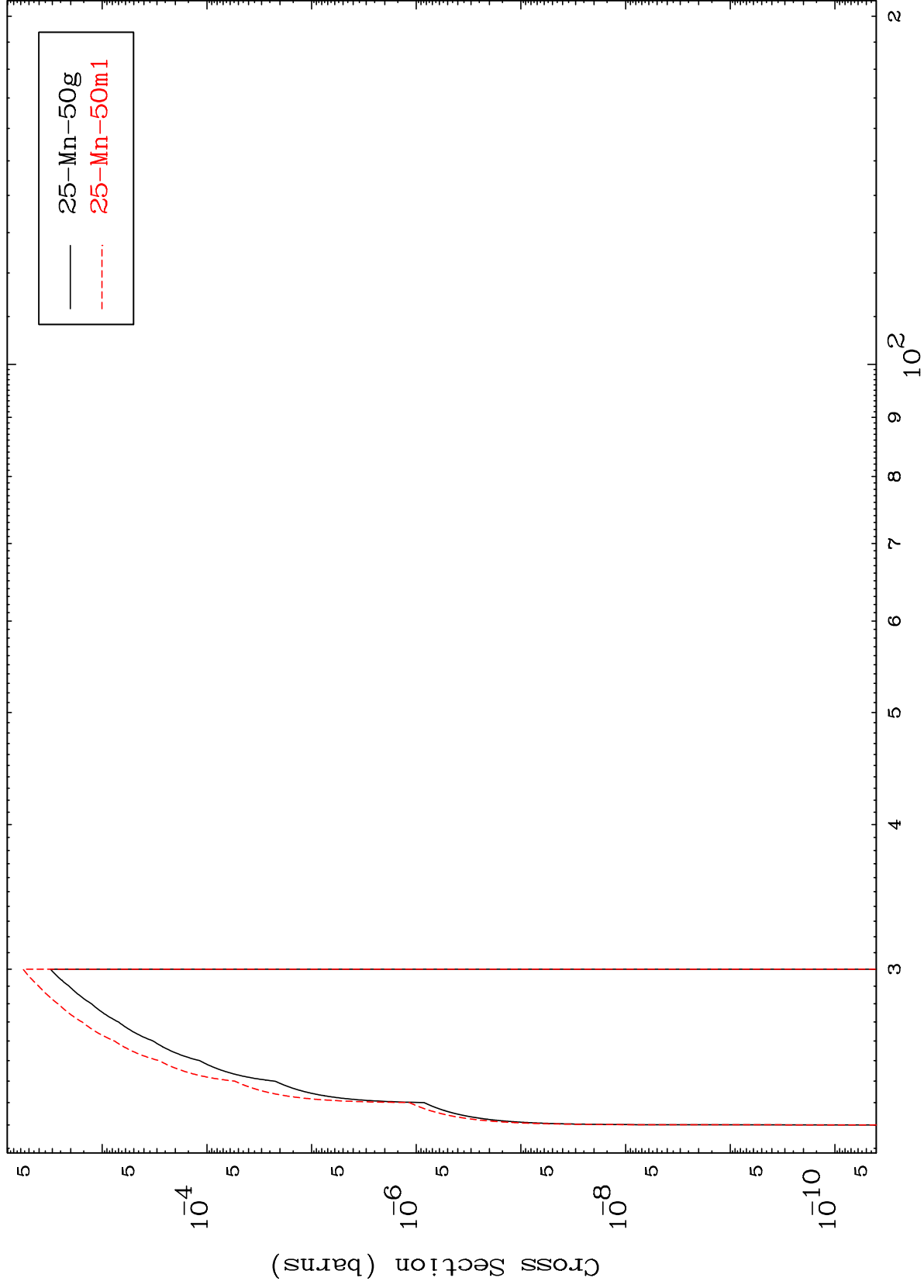
26-Fe-52

MAT 2619

(n,2n) p

26-Fe-52

Radionuclide Production Cross Section



42

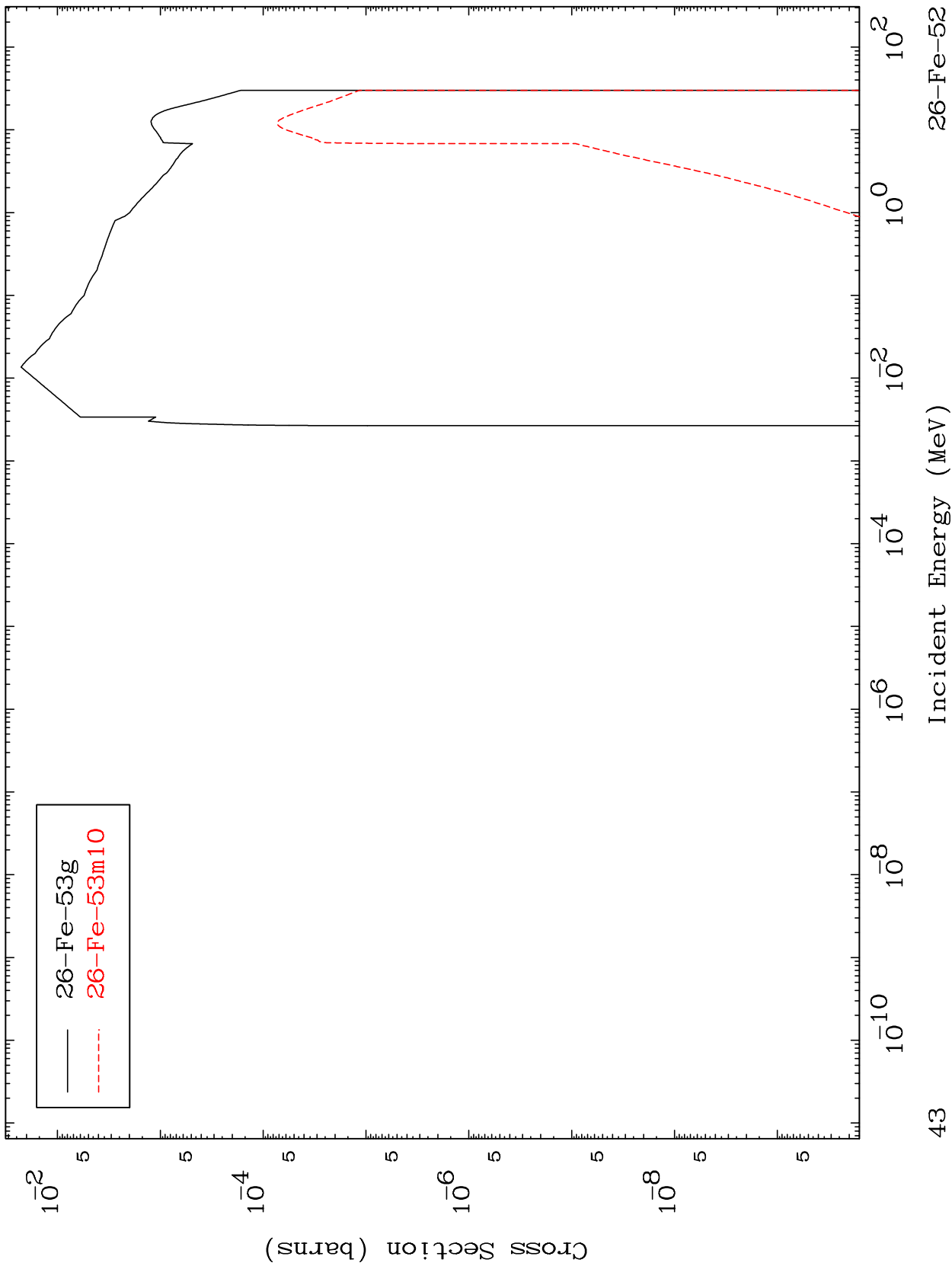
Incident Energy (MeV)

26-Fe-52

MAT 2619

26-Fe-52

(n, γ)
Radionuclide Production Cross Section

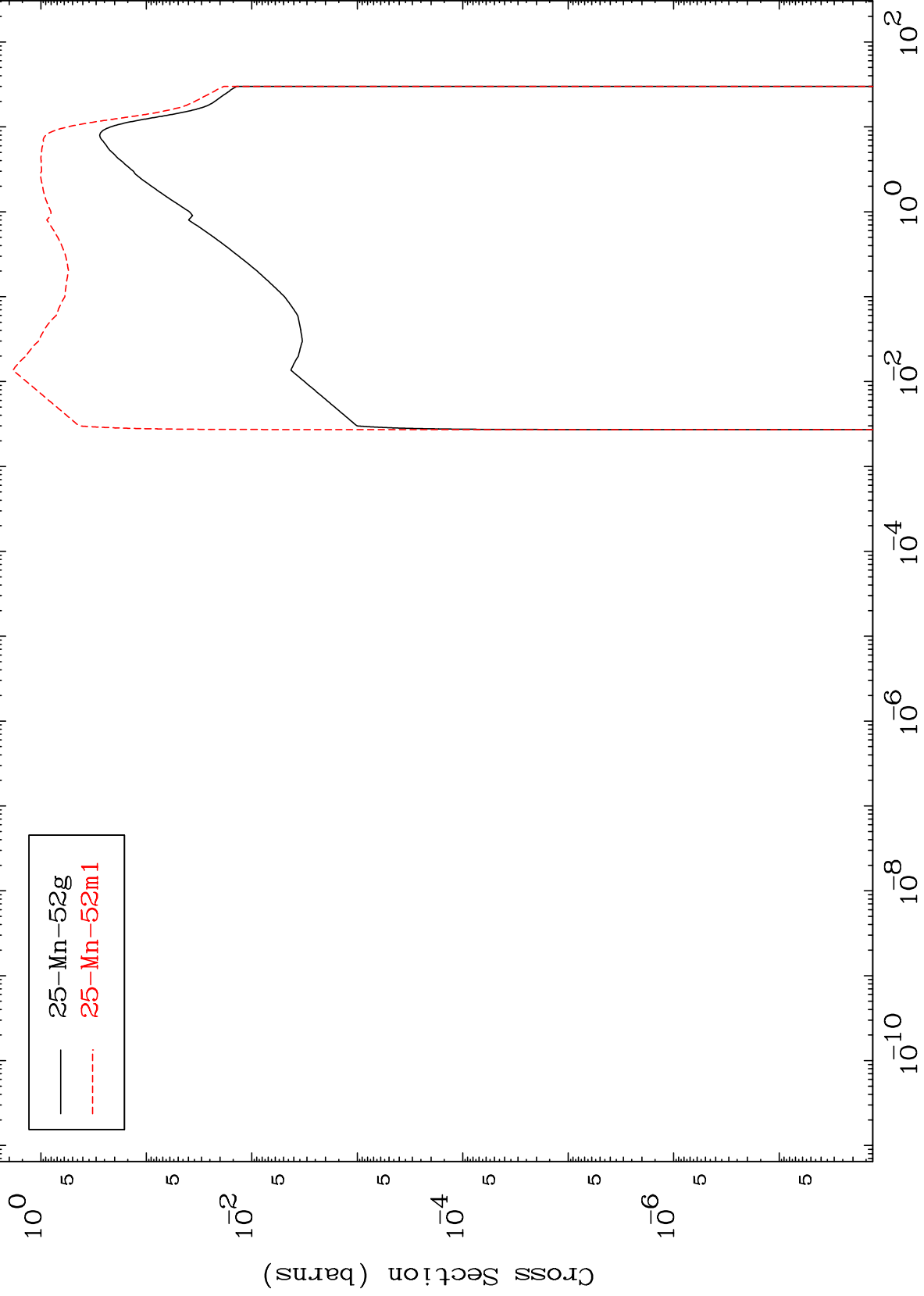


MAT 2619

(n,p)

²⁶Fe-52

Radionuclide Production Cross Section



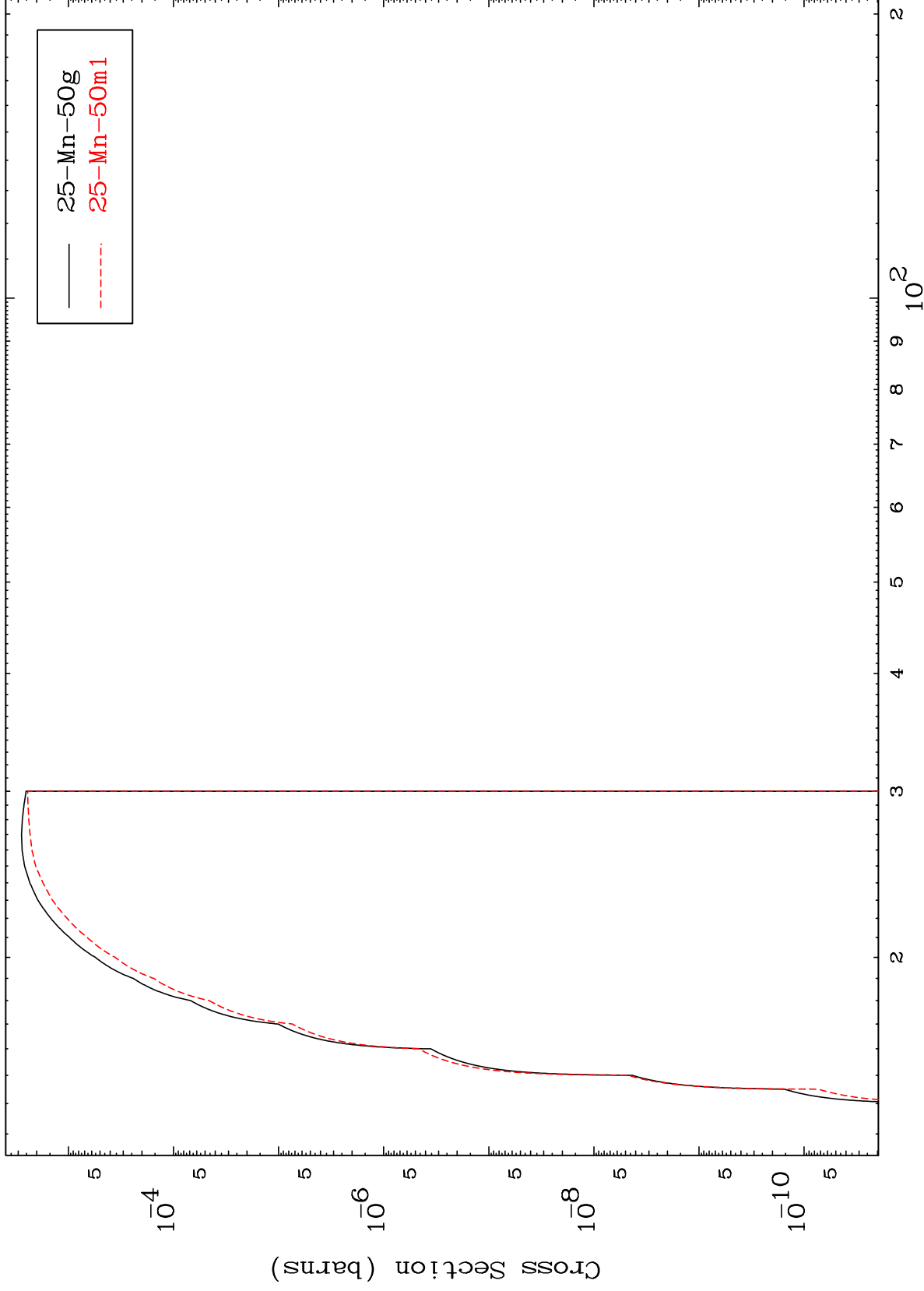
— 25-Mn-52g
- - - 25-Mn-52m1

MAT 2619

(n,t)

26-Fe-52

Radionuclide Production Cross Section



45

Incident Energy (MeV)

26-Fe-52