

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

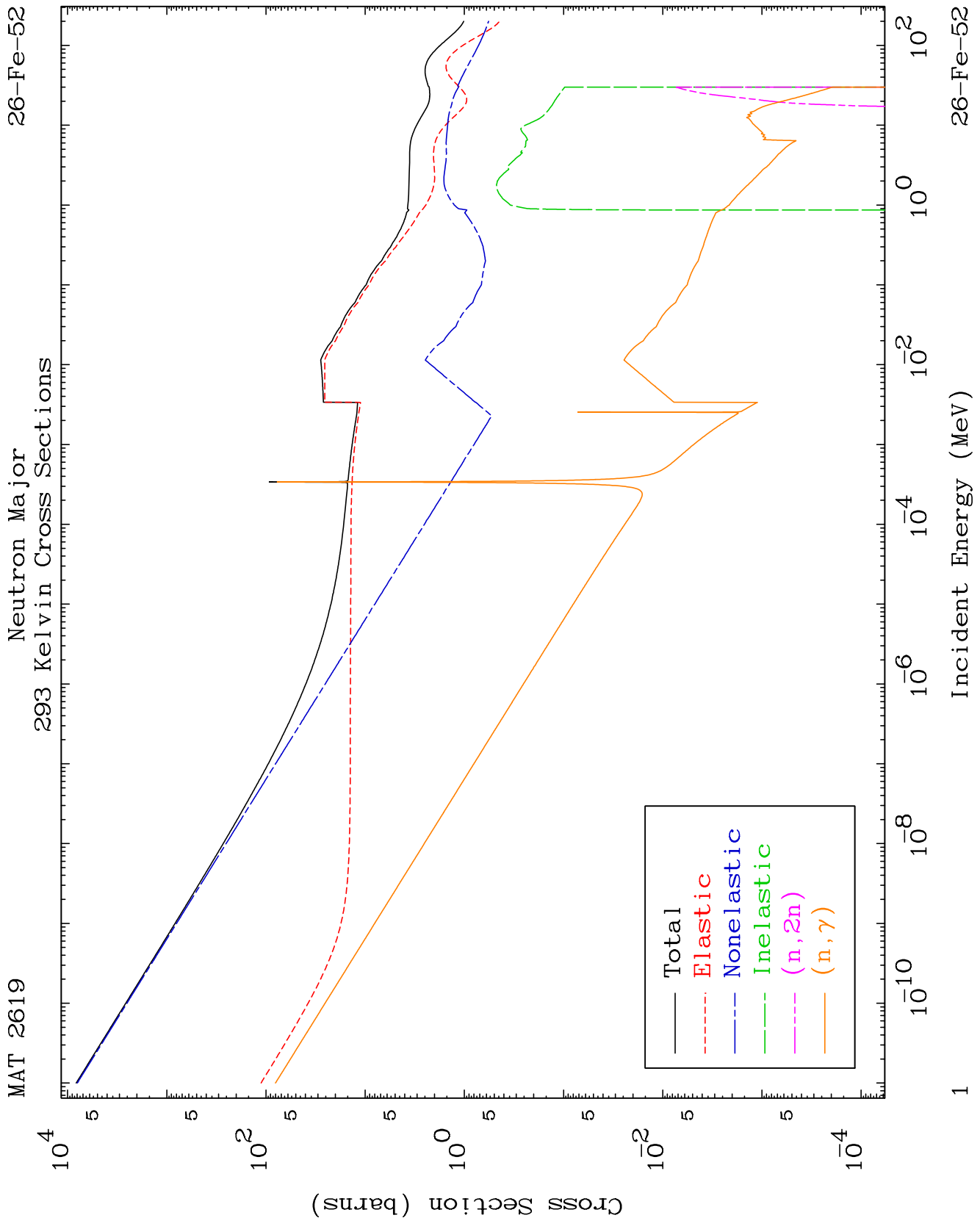
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

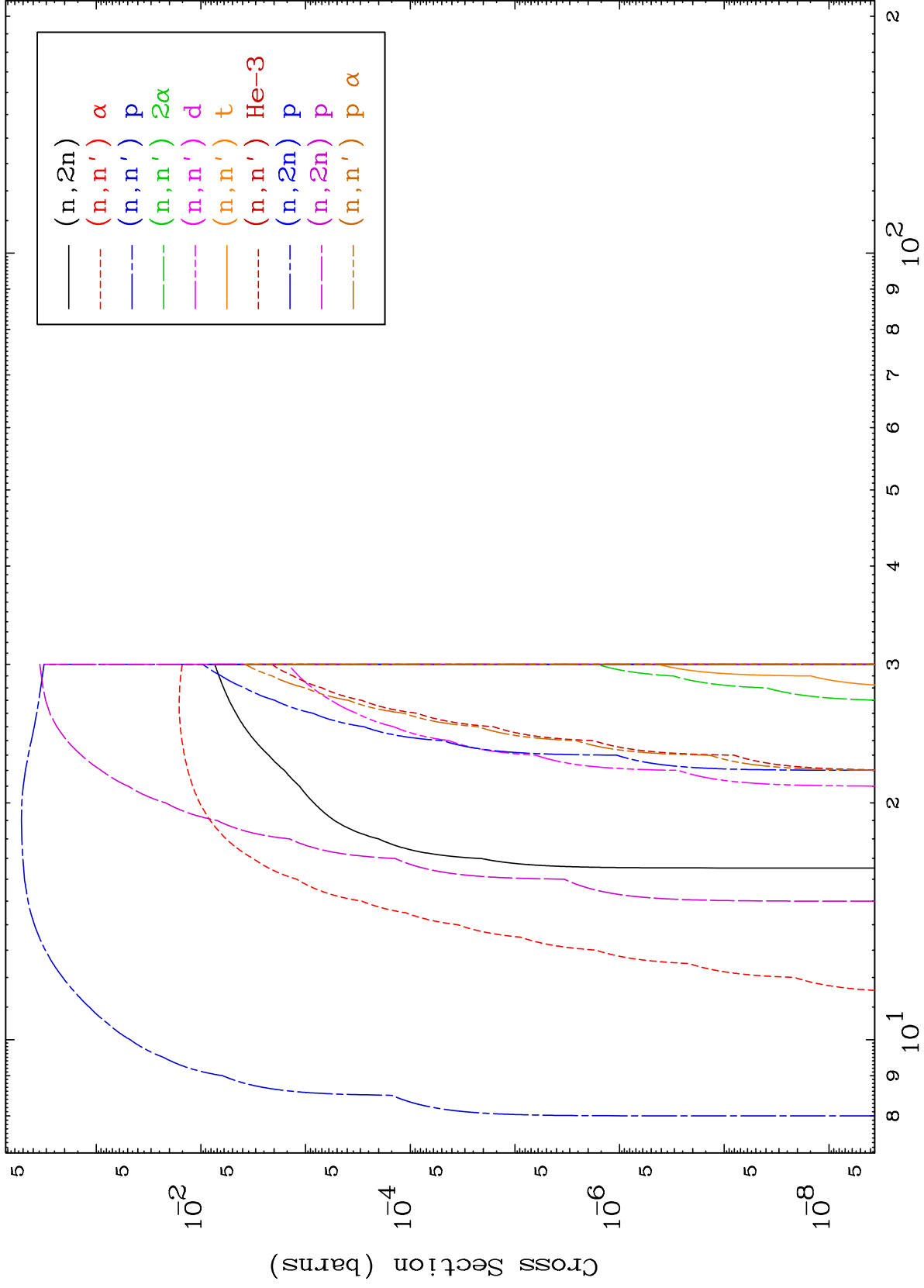
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

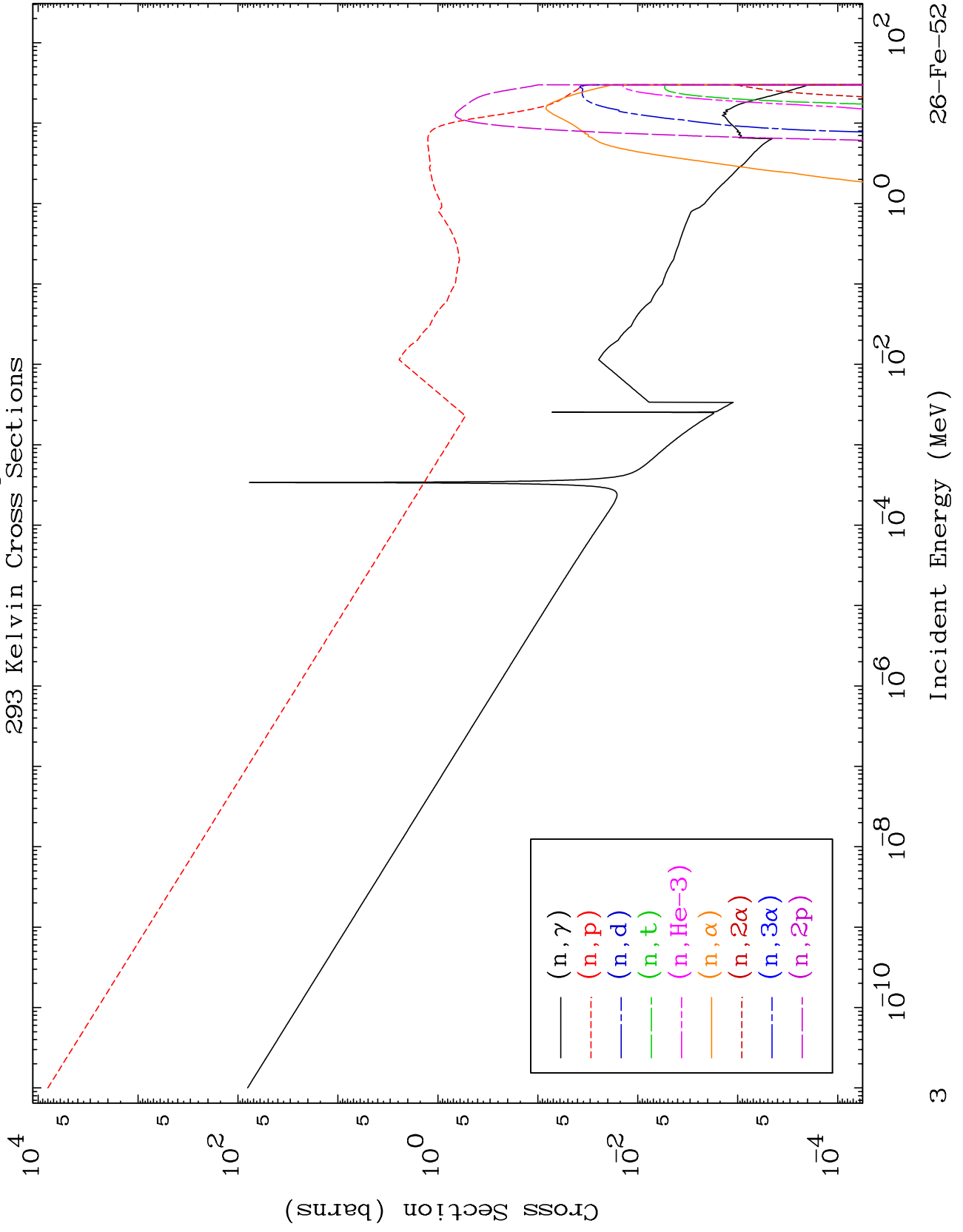


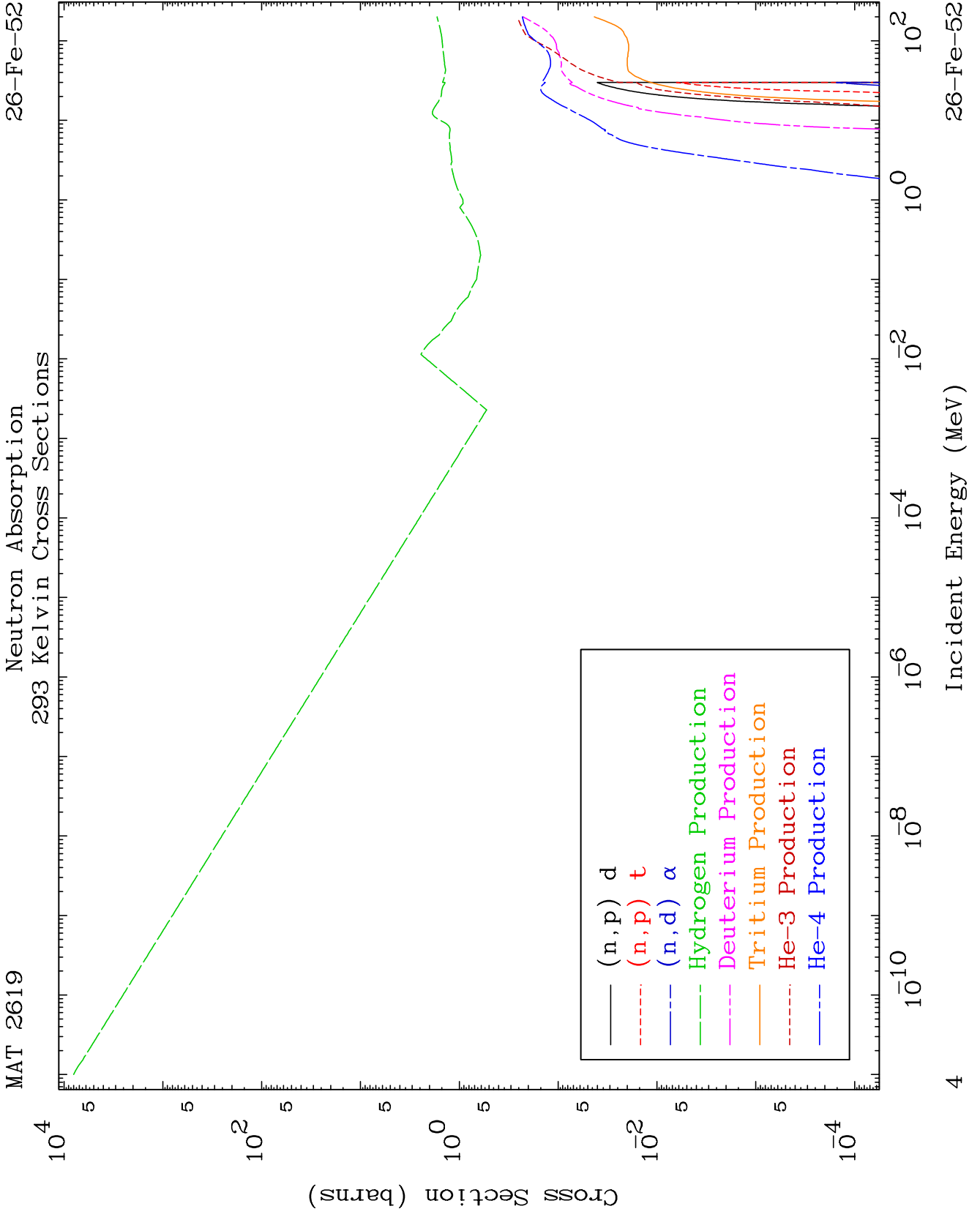


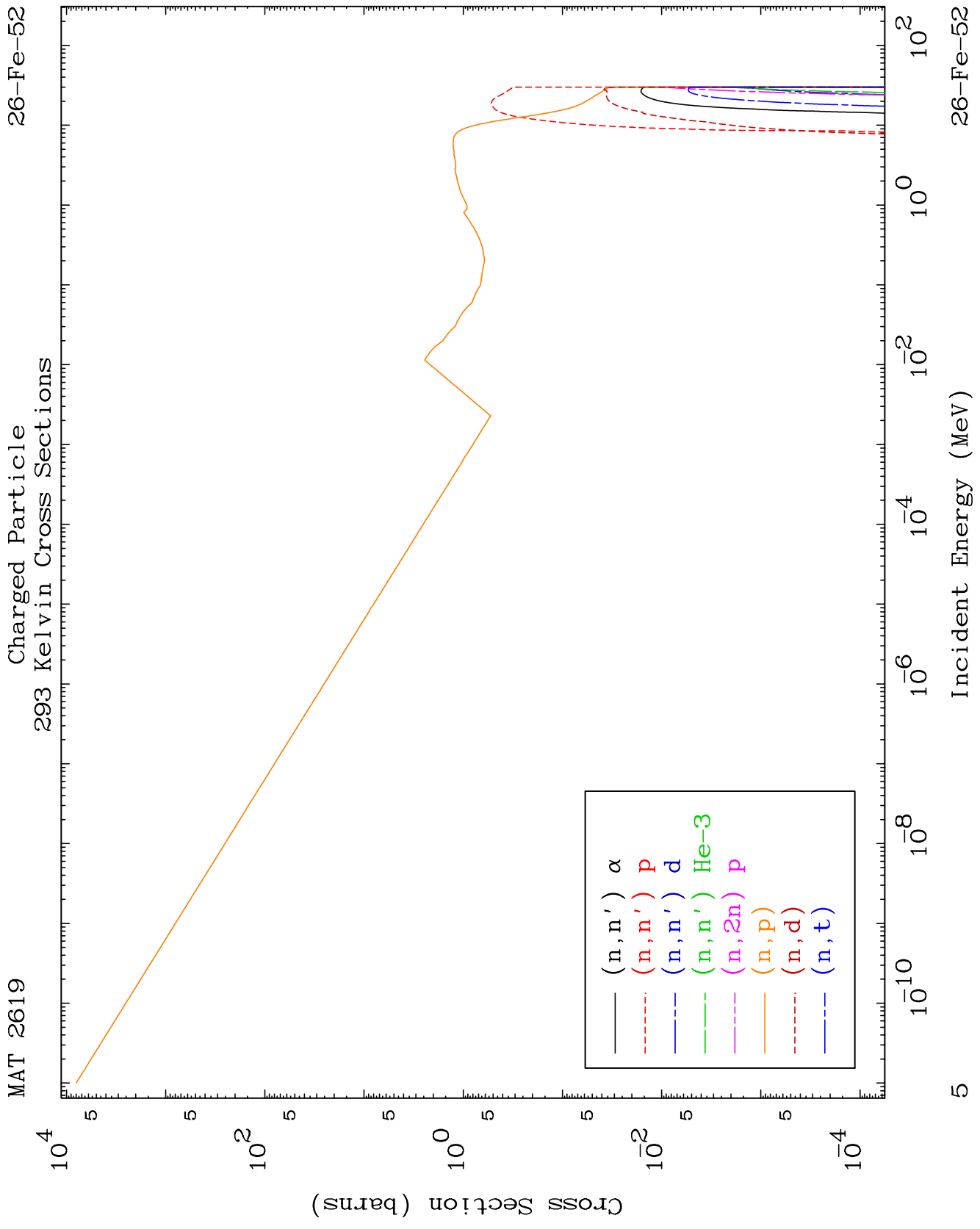
MAT 2619

Neutron Absorption
293 Kelvin Cross Sections

26-Fe-52



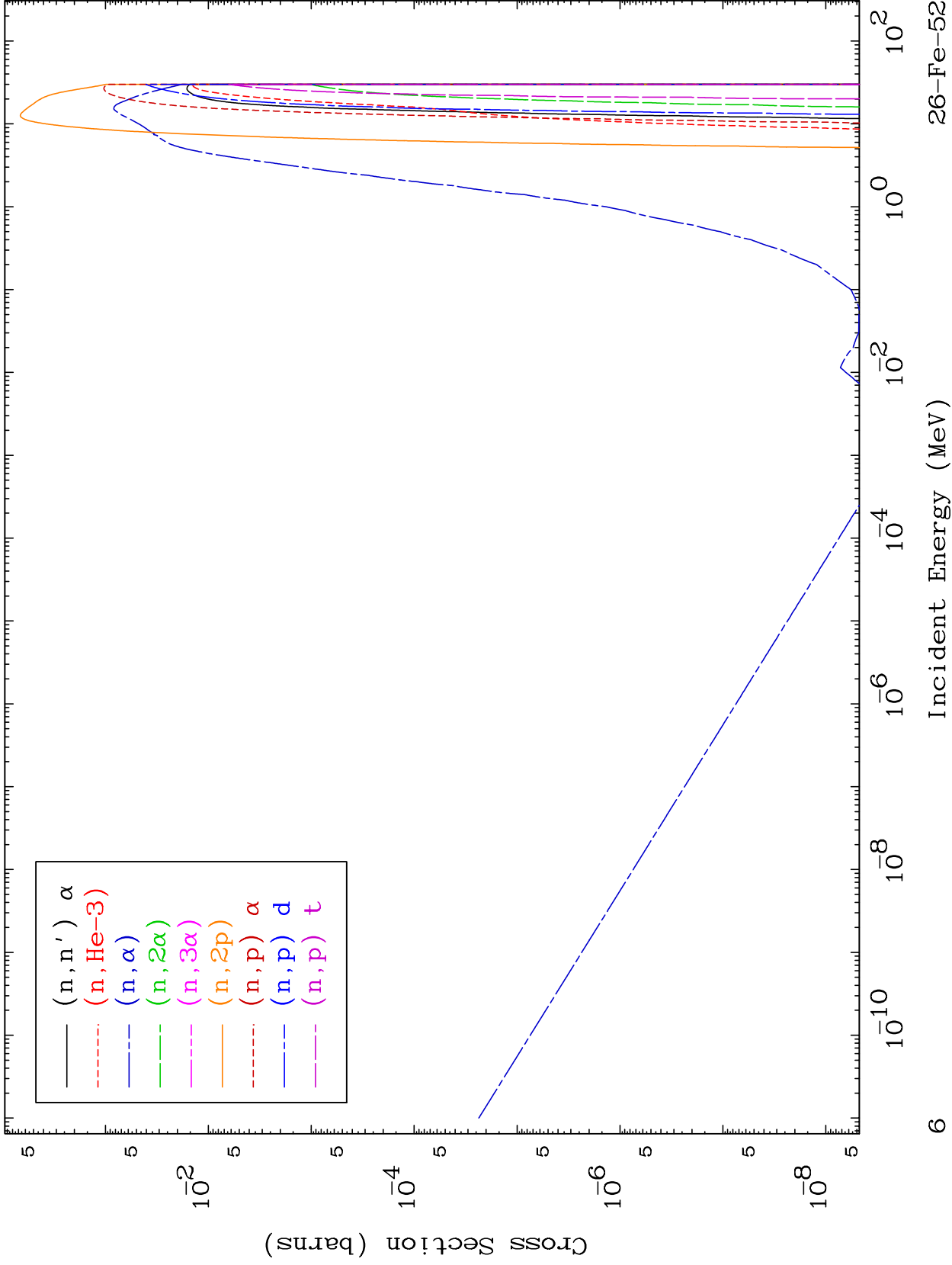




MAT 2619

Charged Particle
293 Kelvin Cross Sections

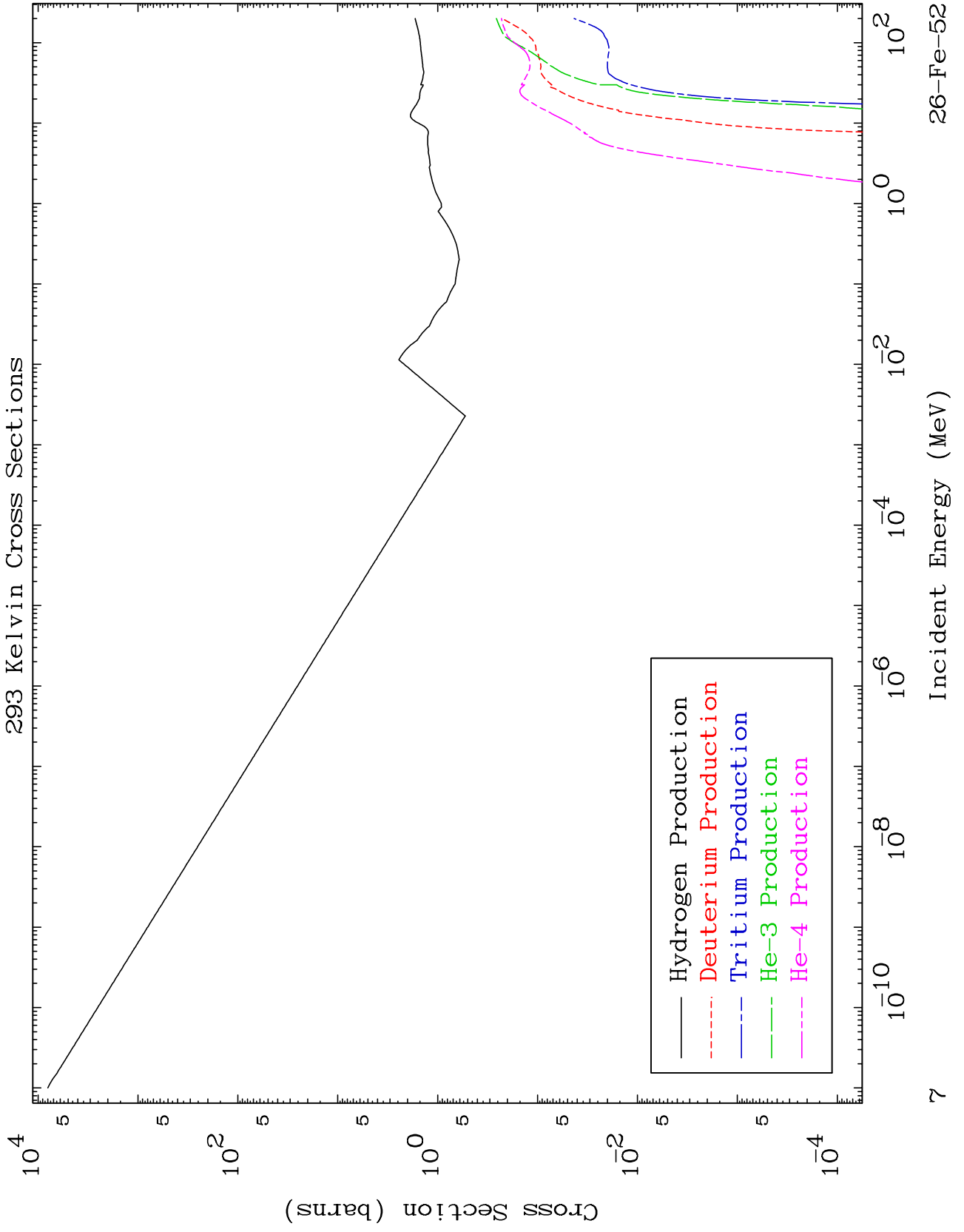
26-Fe-52



MAT 2619

Particle Production
293 Kelvin Cross Sections

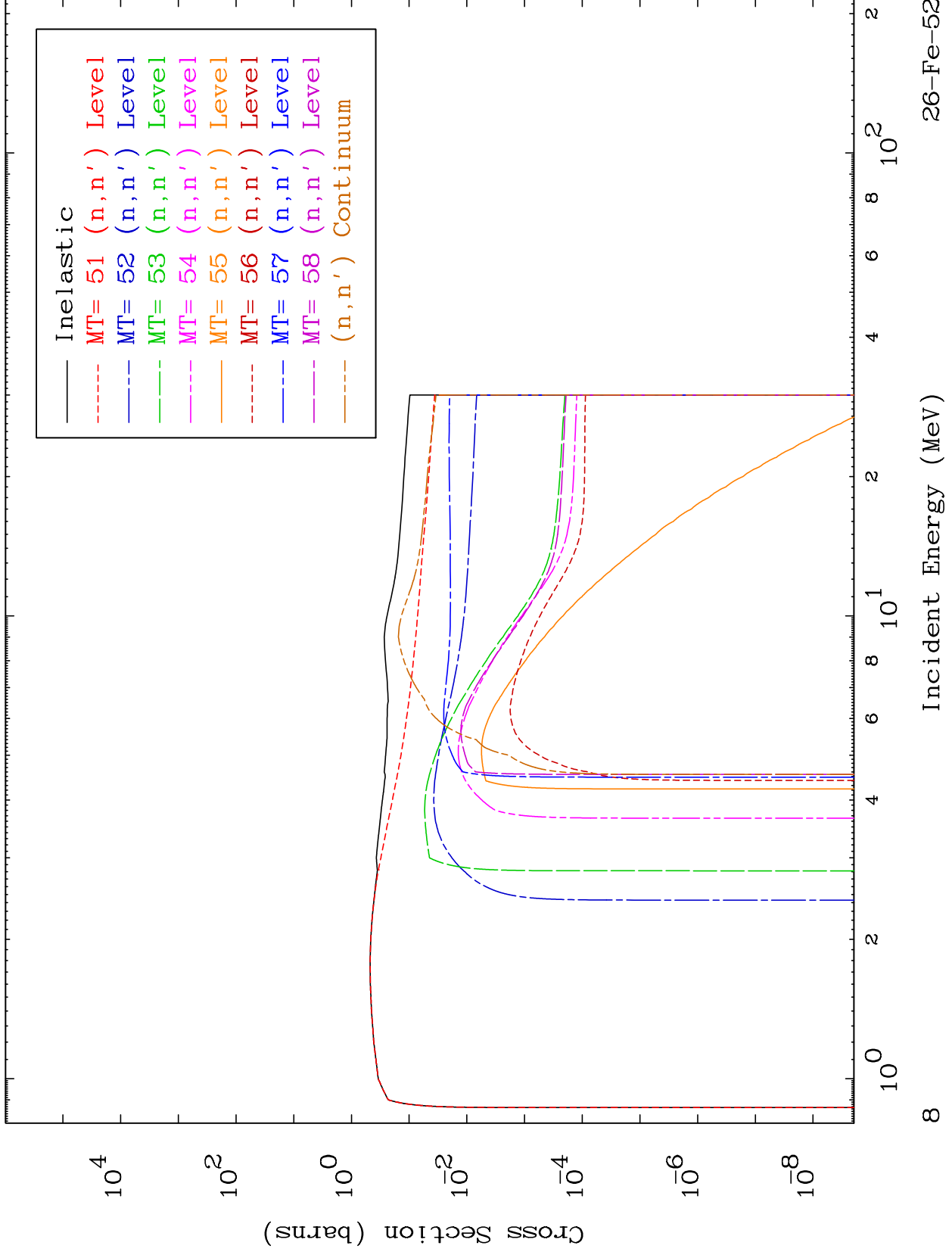
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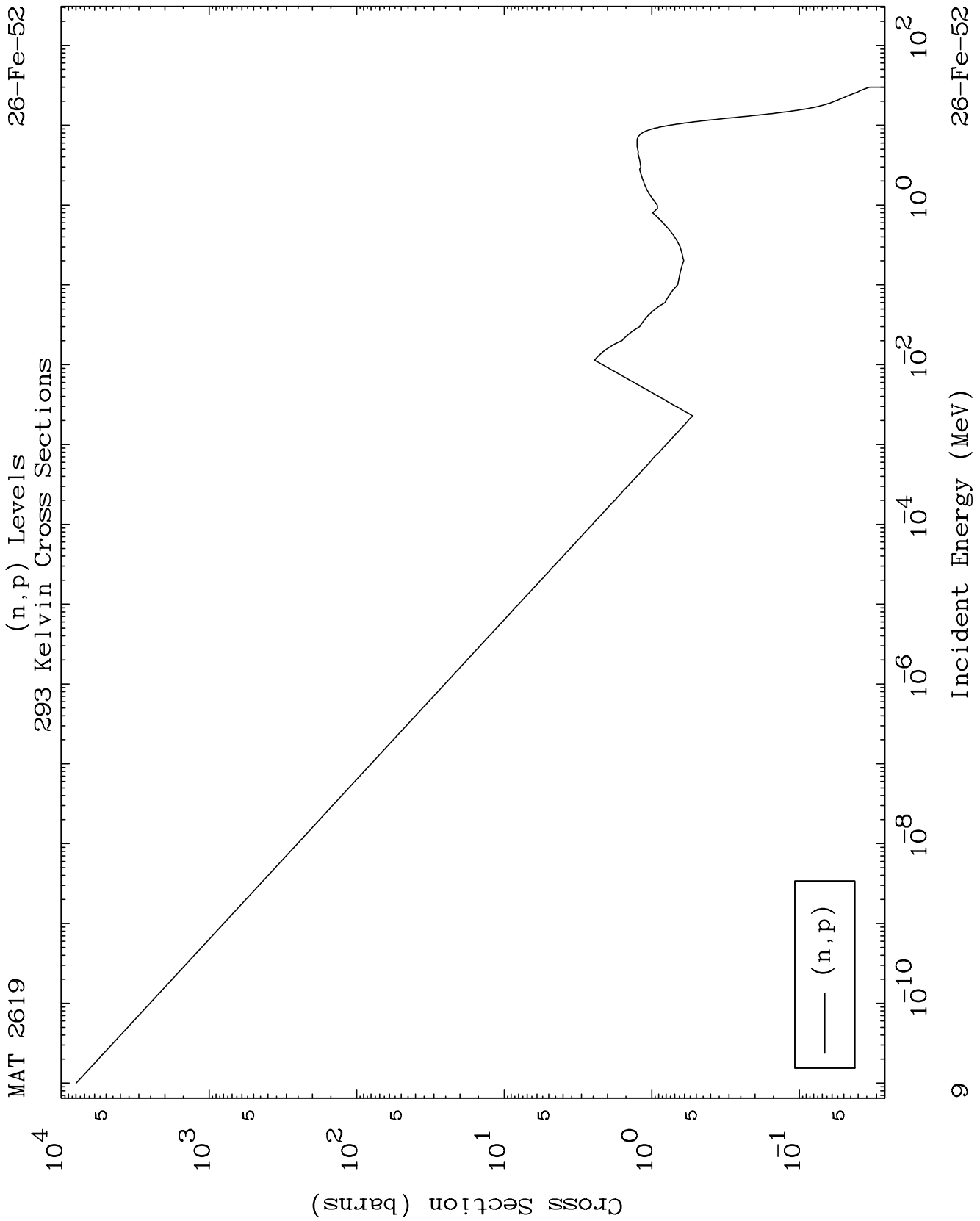


MAT 2619

(n,n') Levels
293 Kelvin Cross Sections

26-Fe-52

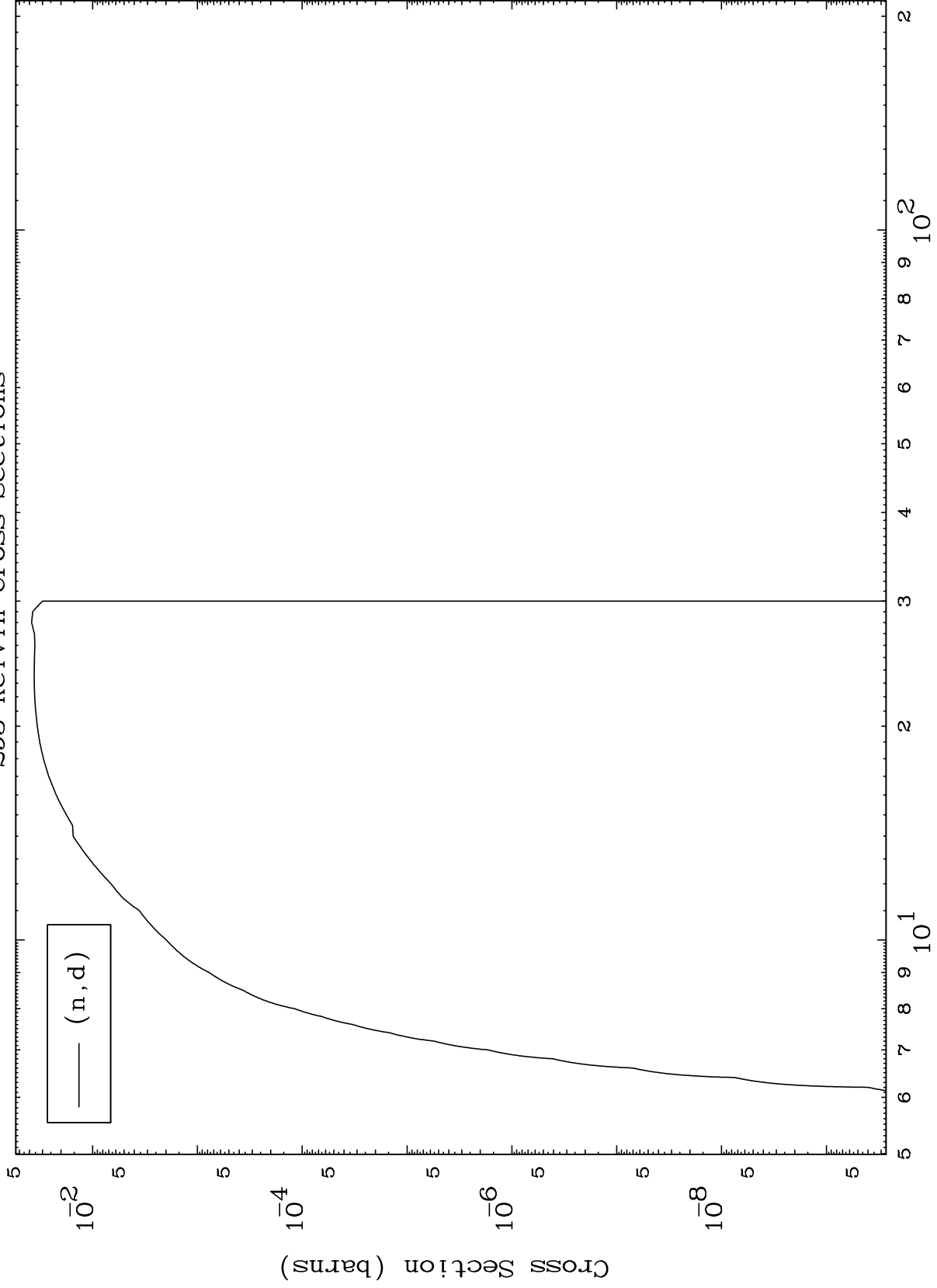




MAT 2619

(n,d) Levels
293 Kelvin Cross Sections

26-Fe-52



10

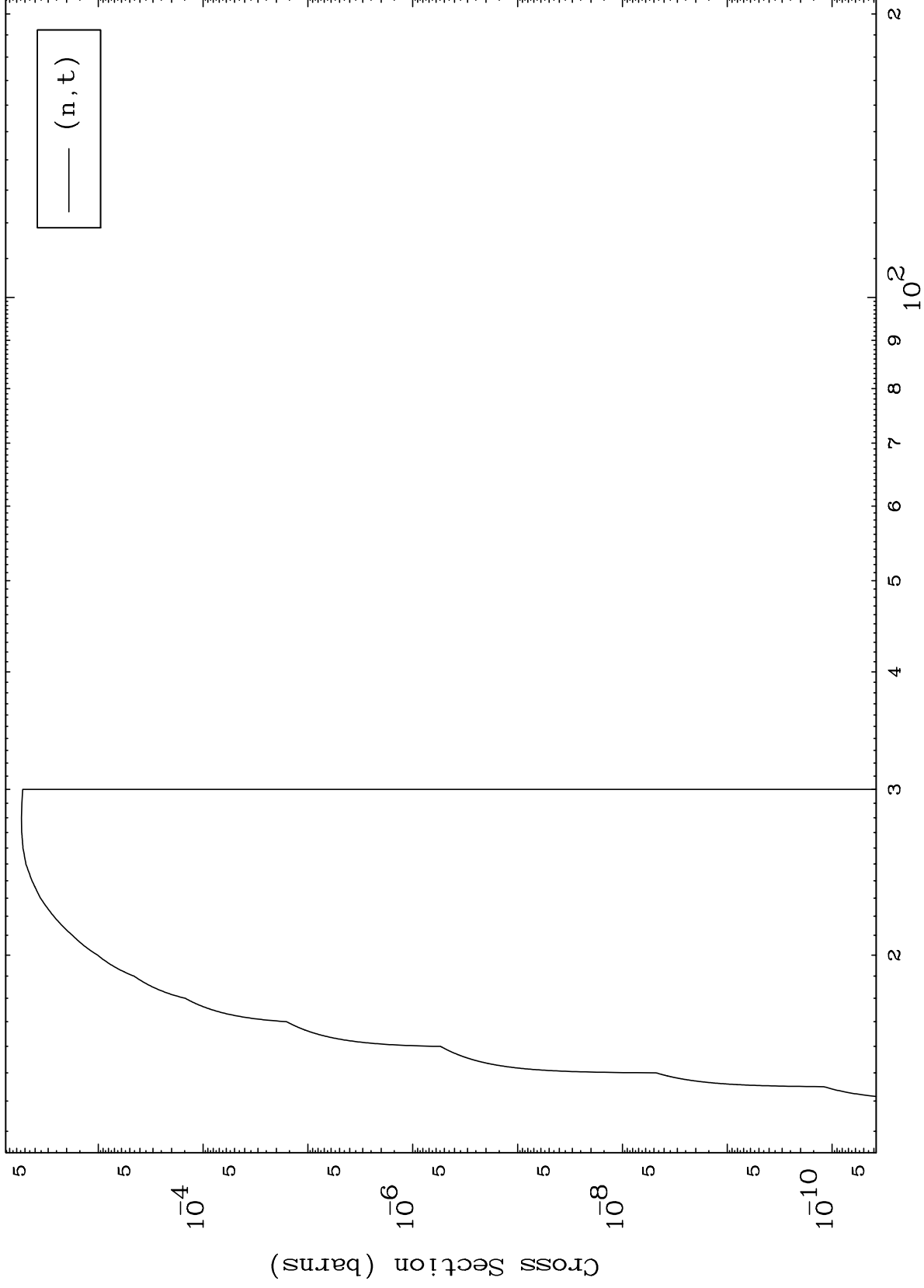
Incident Energy (MeV)

26-Fe-52

MAT 2619

(n,t) Levels
293 Kelvin Cross Sections

26-Fe-52



11

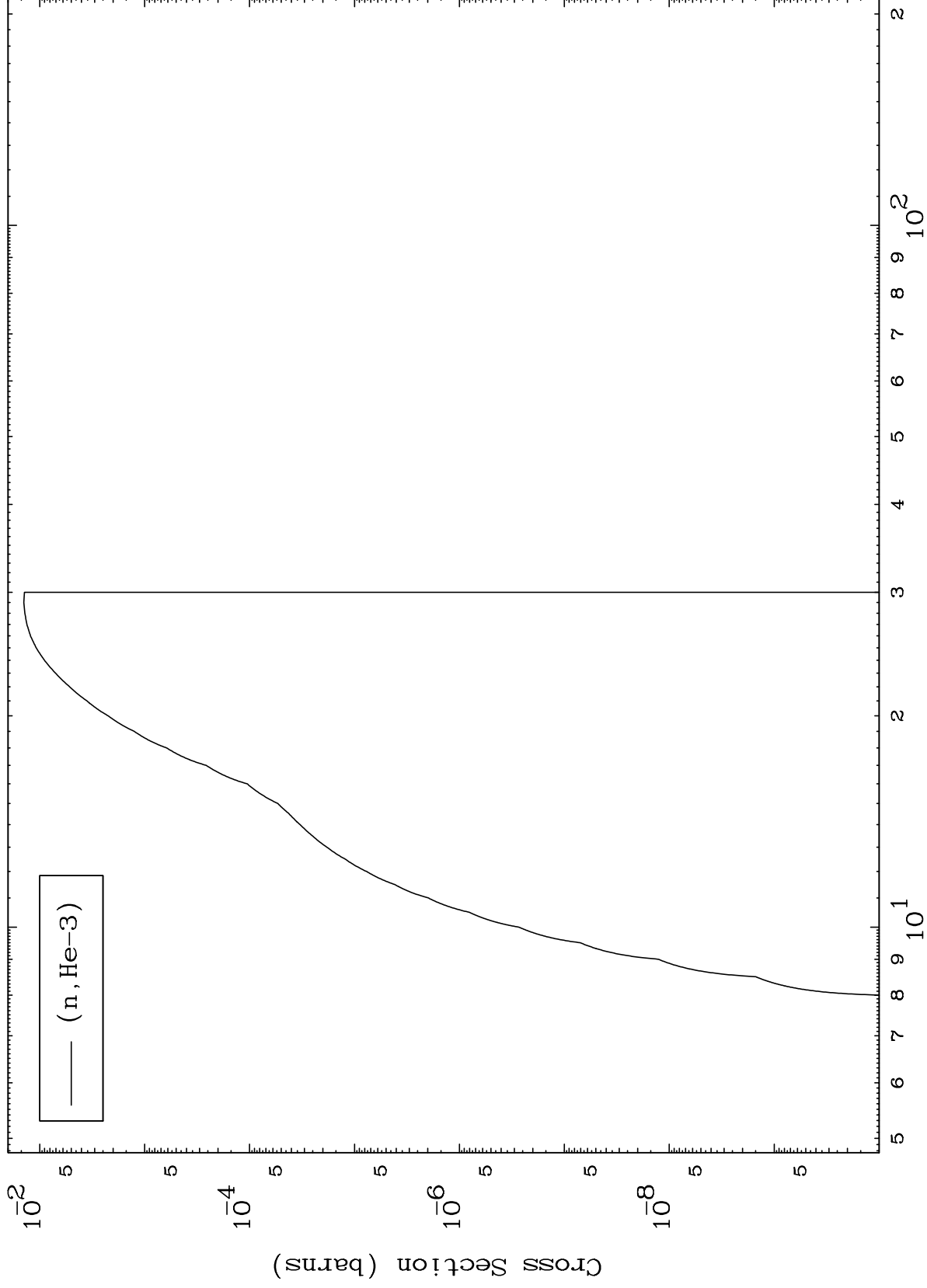
Incident Energy (MeV)

26-Fe-52

MAT 2619

(n,He3) Levels
293 Kelvin Cross Sections

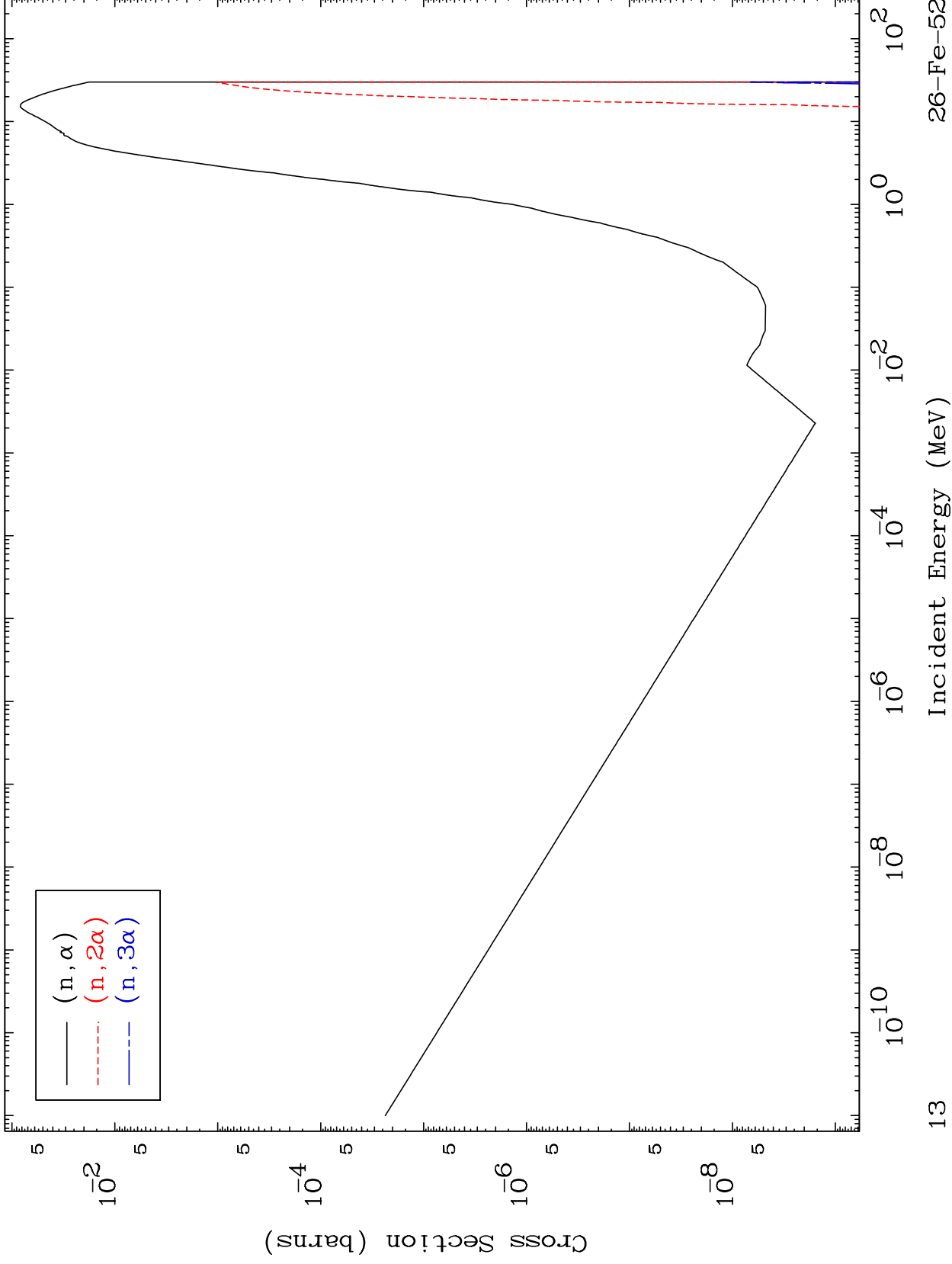
26-Fe-52

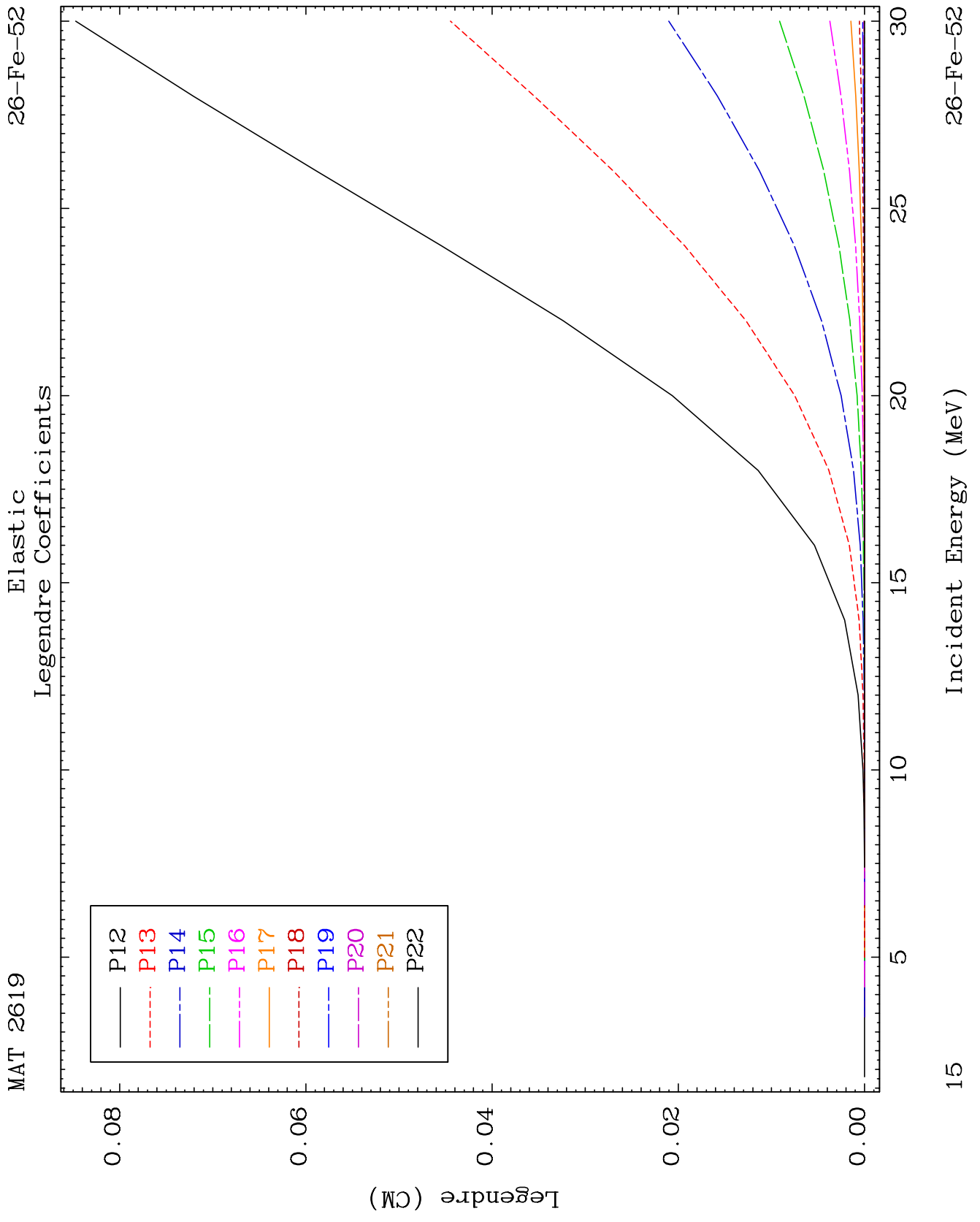


MAT 2619

(n, α) Levels
293 Kelvin Cross Sections

26-Fe-52





MAT 2619

26-Fe-52

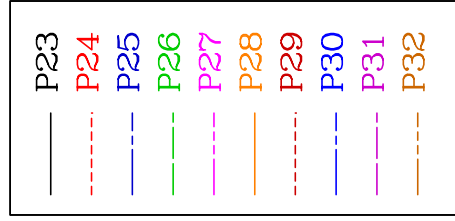
26-Fe-52

15

MAT 2619

Elastic
Legendre Coefficients

26-Fe-52



$\times 10^{-6}$

Legendre (CM)

1.5

1.0

0.5

0.0

10

15

20

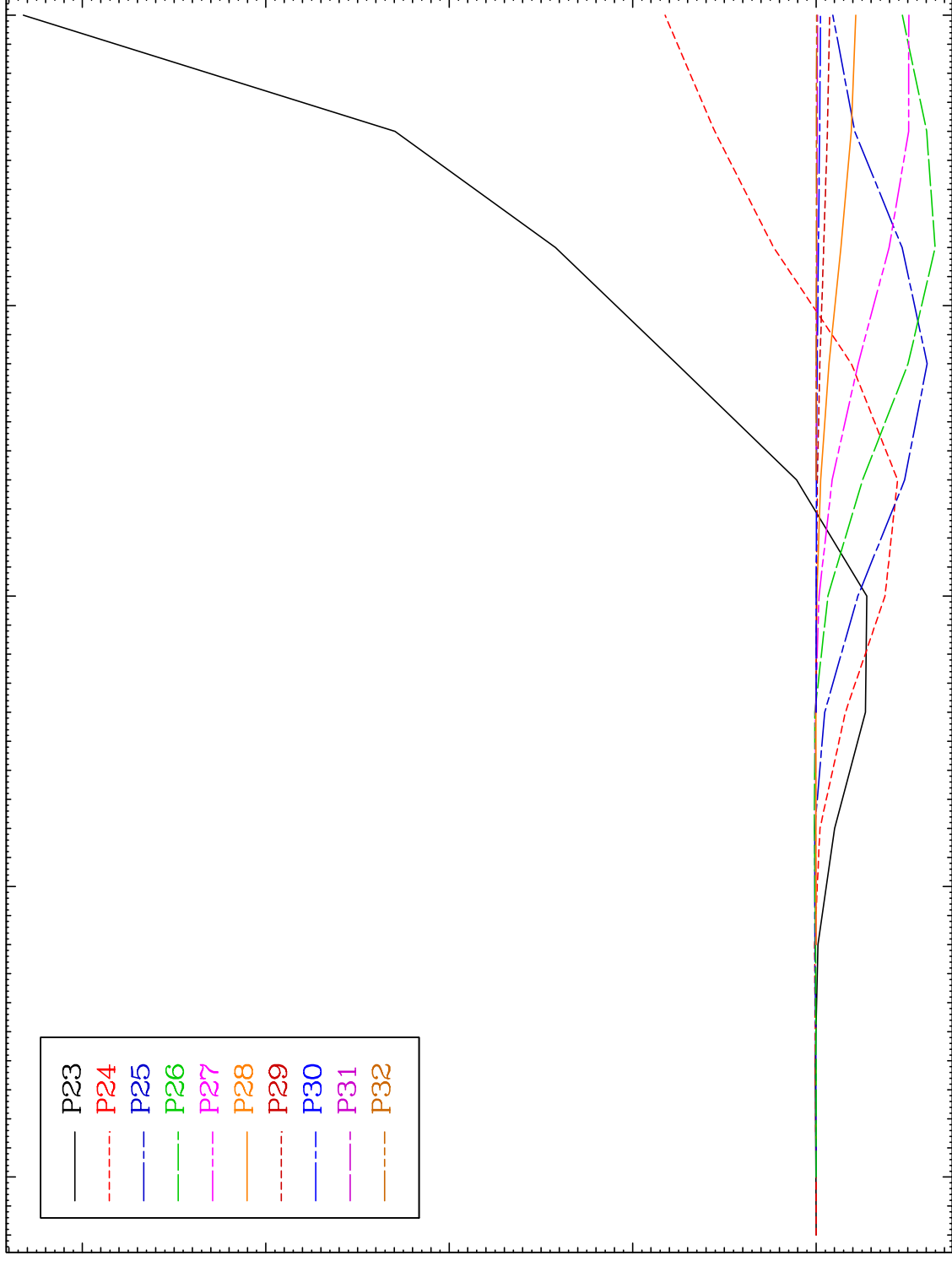
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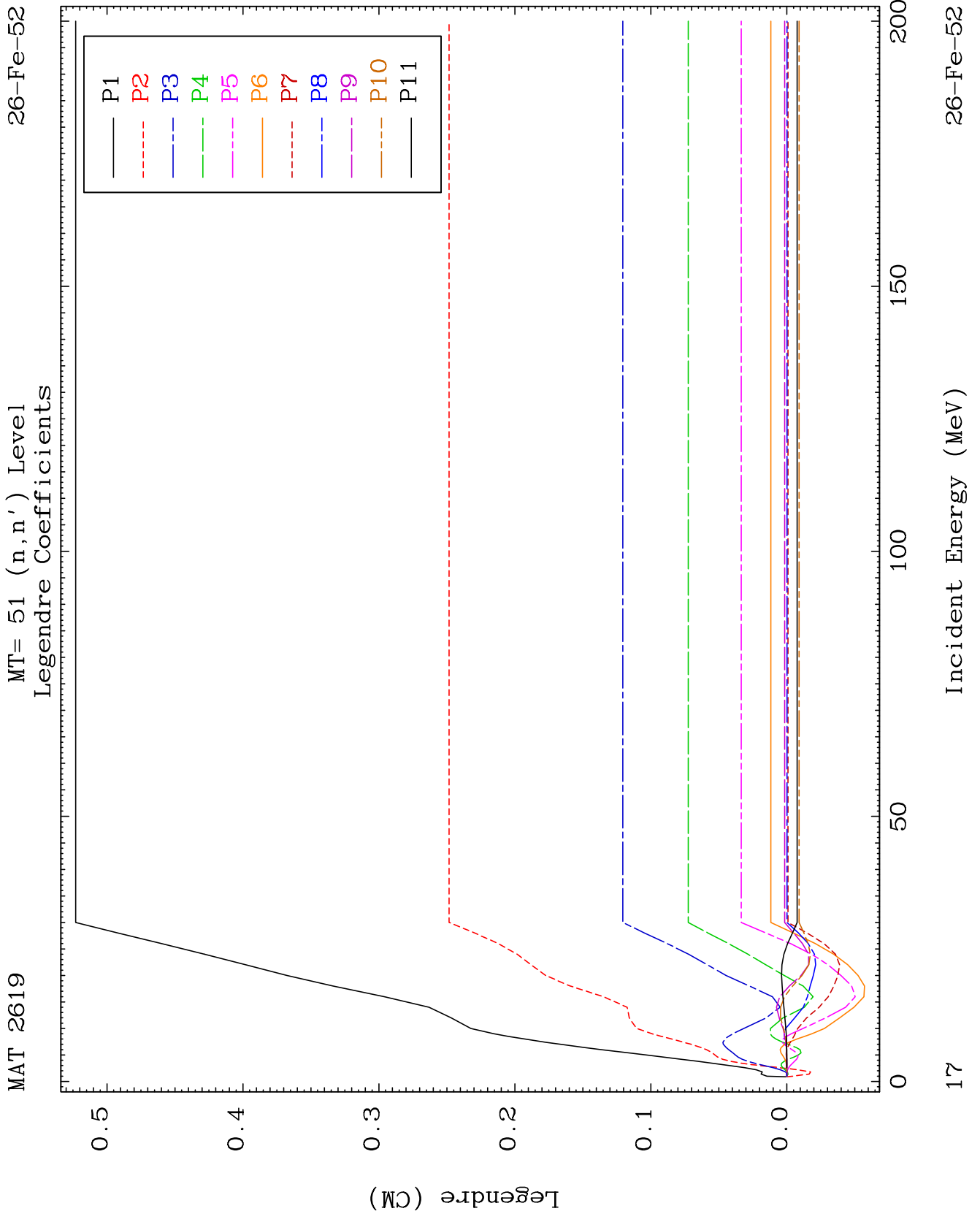
30

16

Incident Energy (MeV)

26-Fe-52

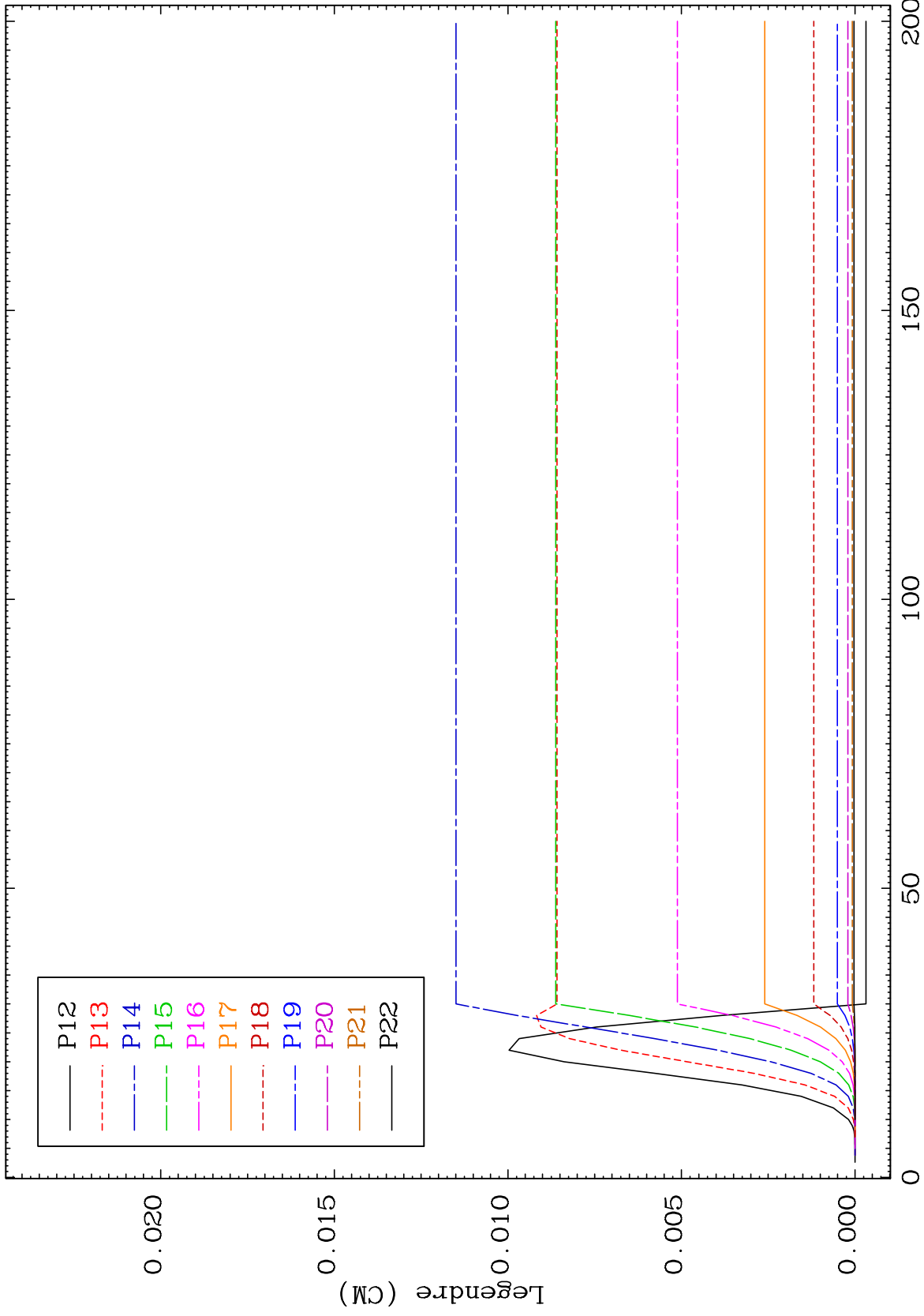




MAT 2619

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

26-Fe-52



18

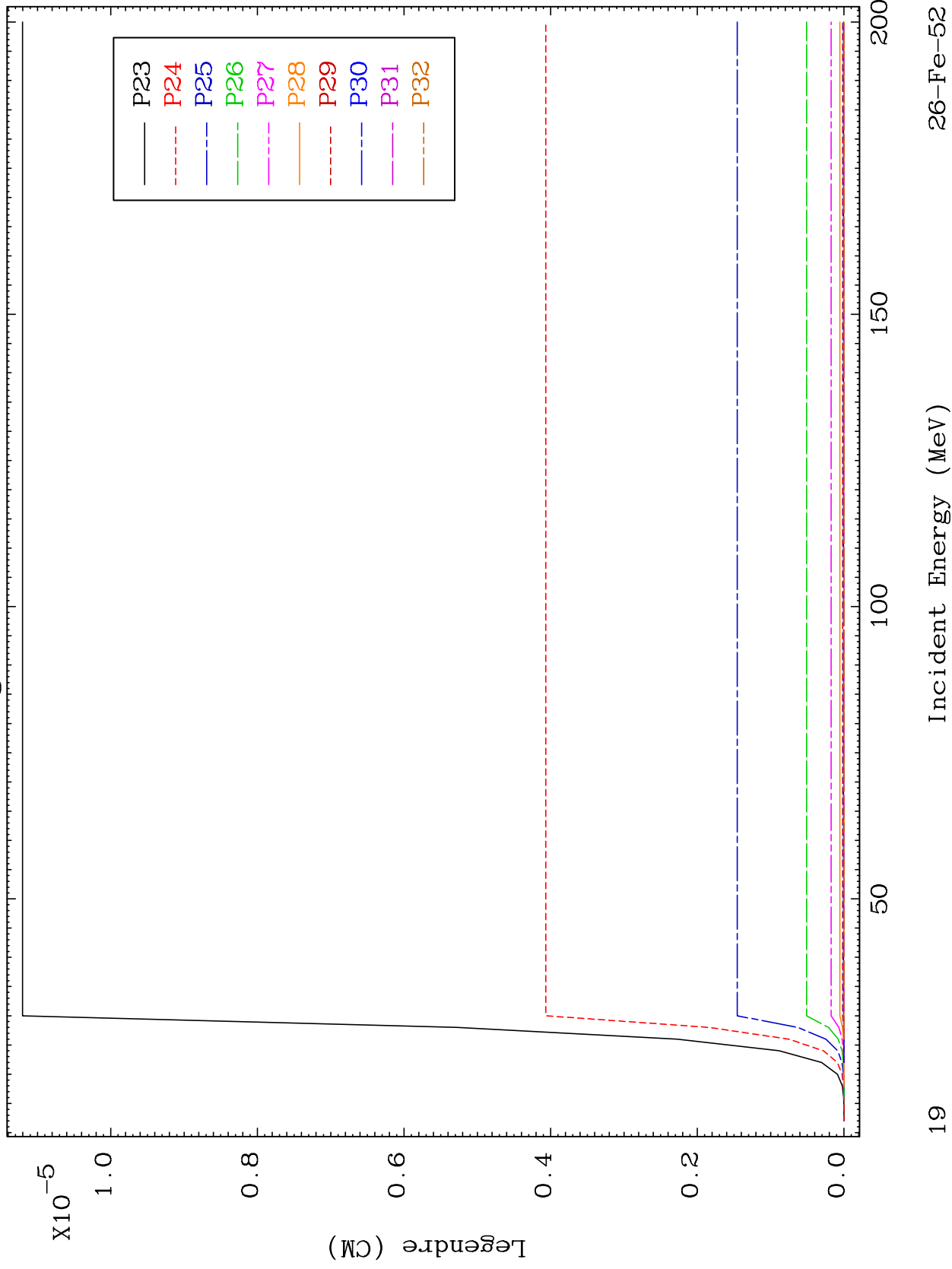
Incident Energy (MeV)

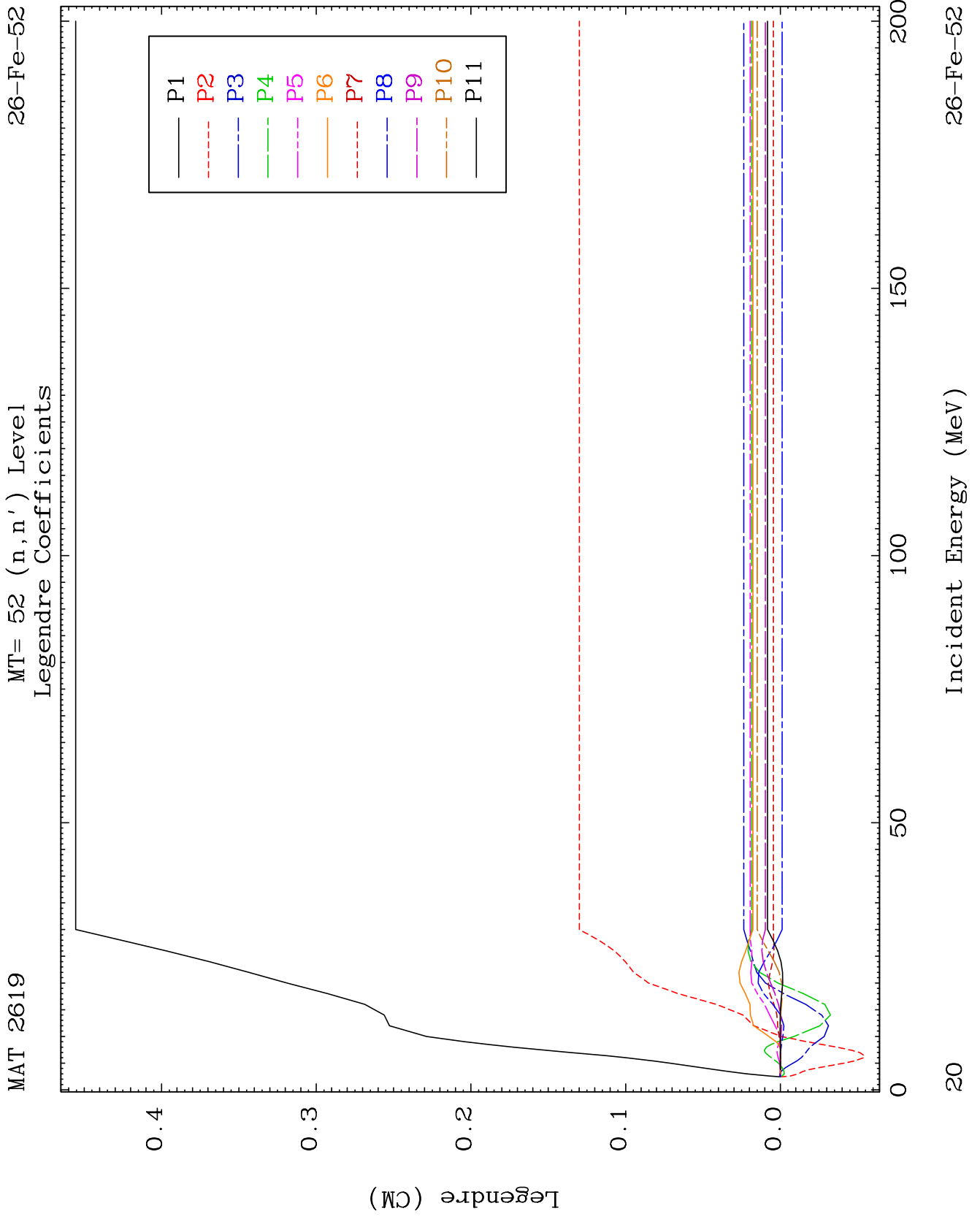
26-Fe-52

MAT 2619

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

26-Fe-52

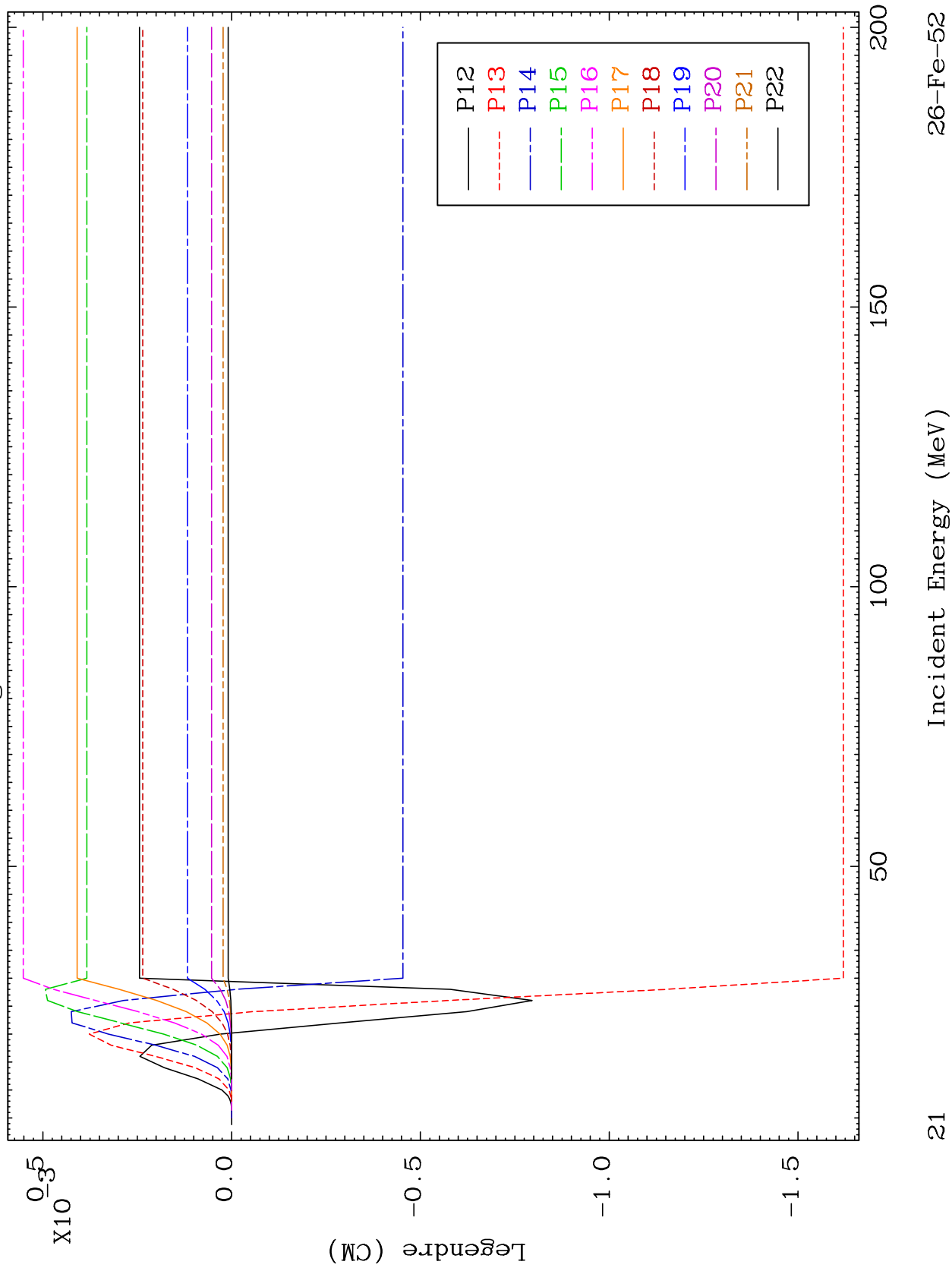




MAT 2619

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

26-Fe-52

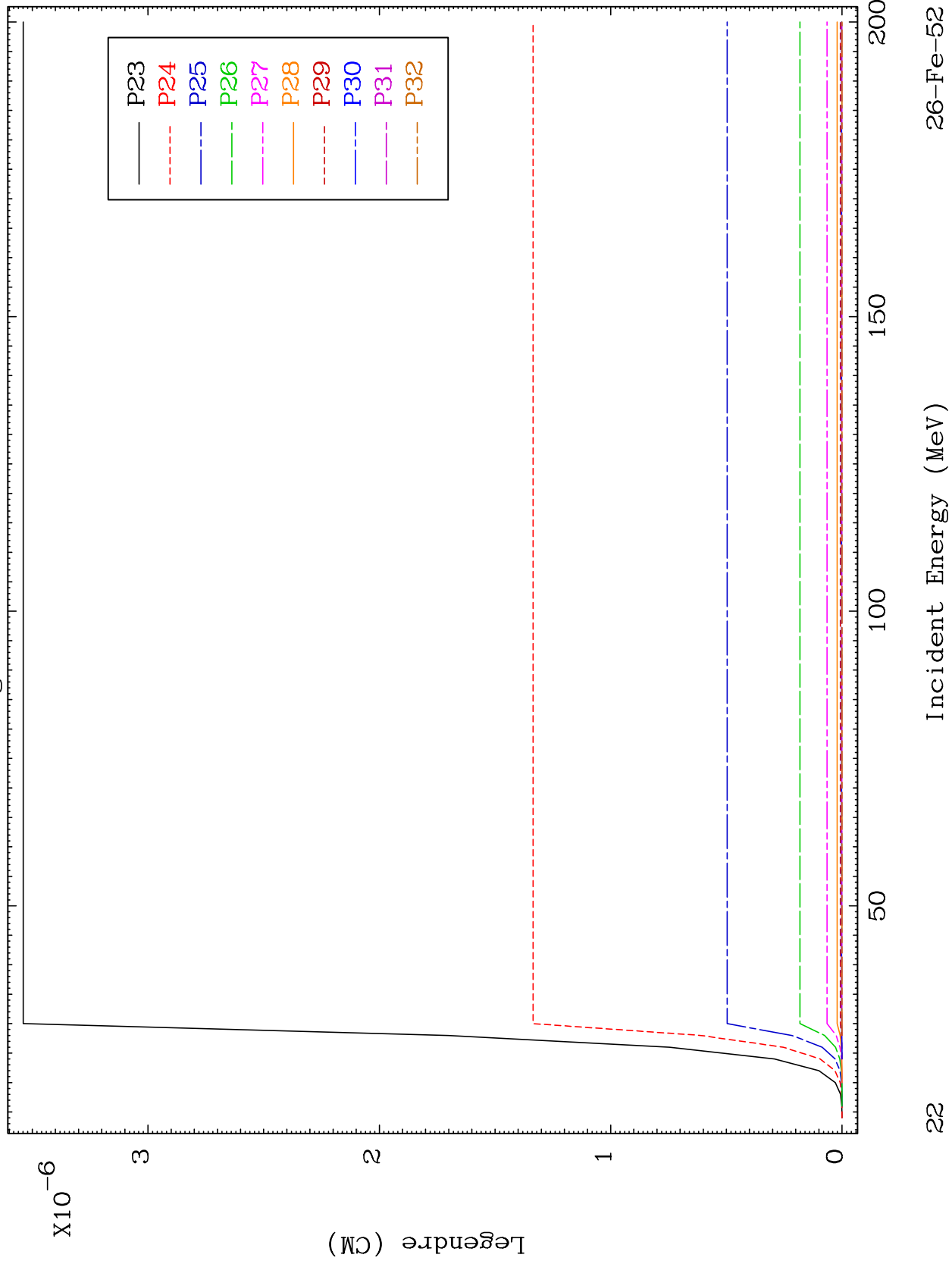


21

MAT 2619

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

26-Fe-52



22

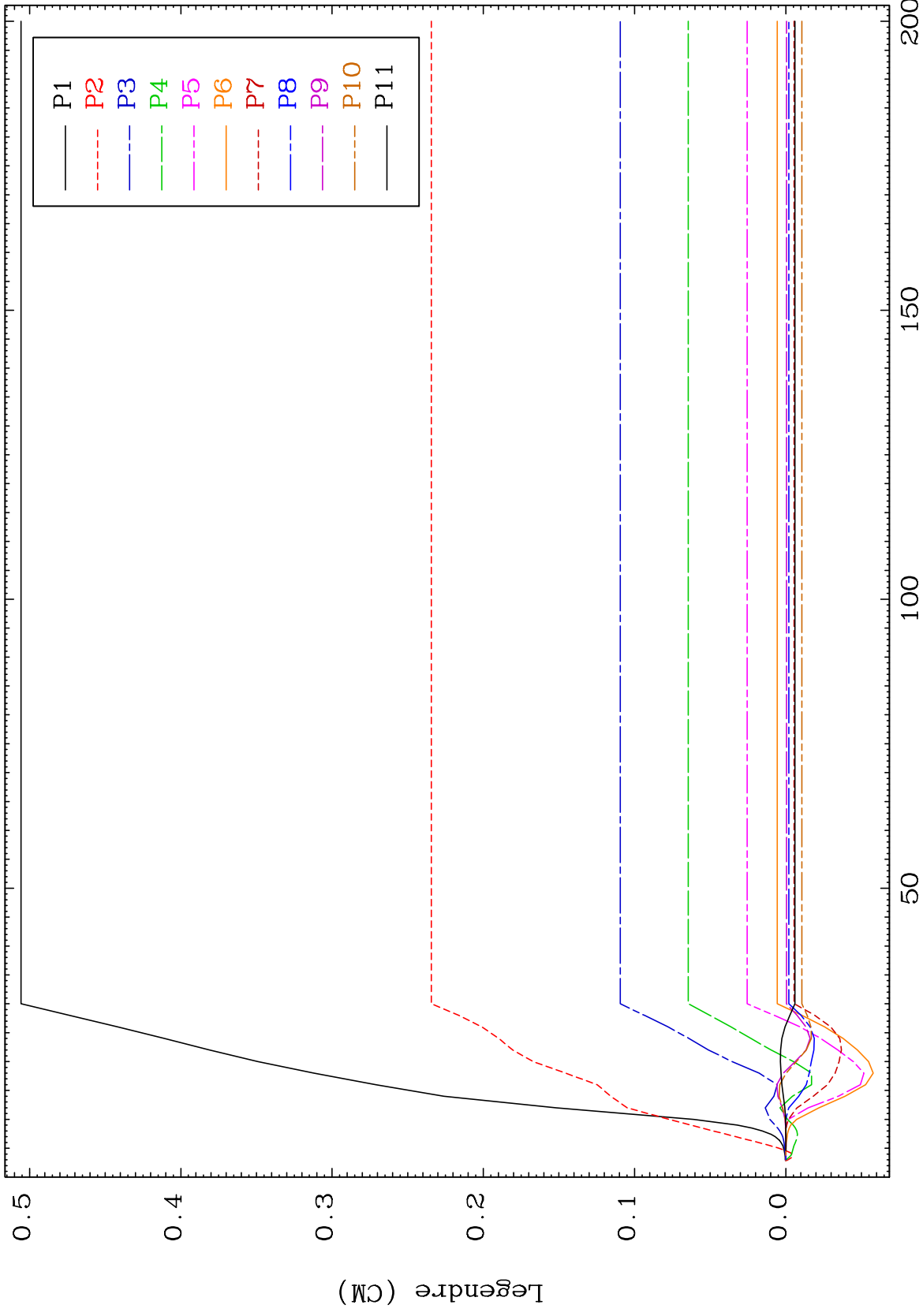
Incident Energy (MeV)

26-Fe-52

MAT 2619

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

26-Fe-52



23

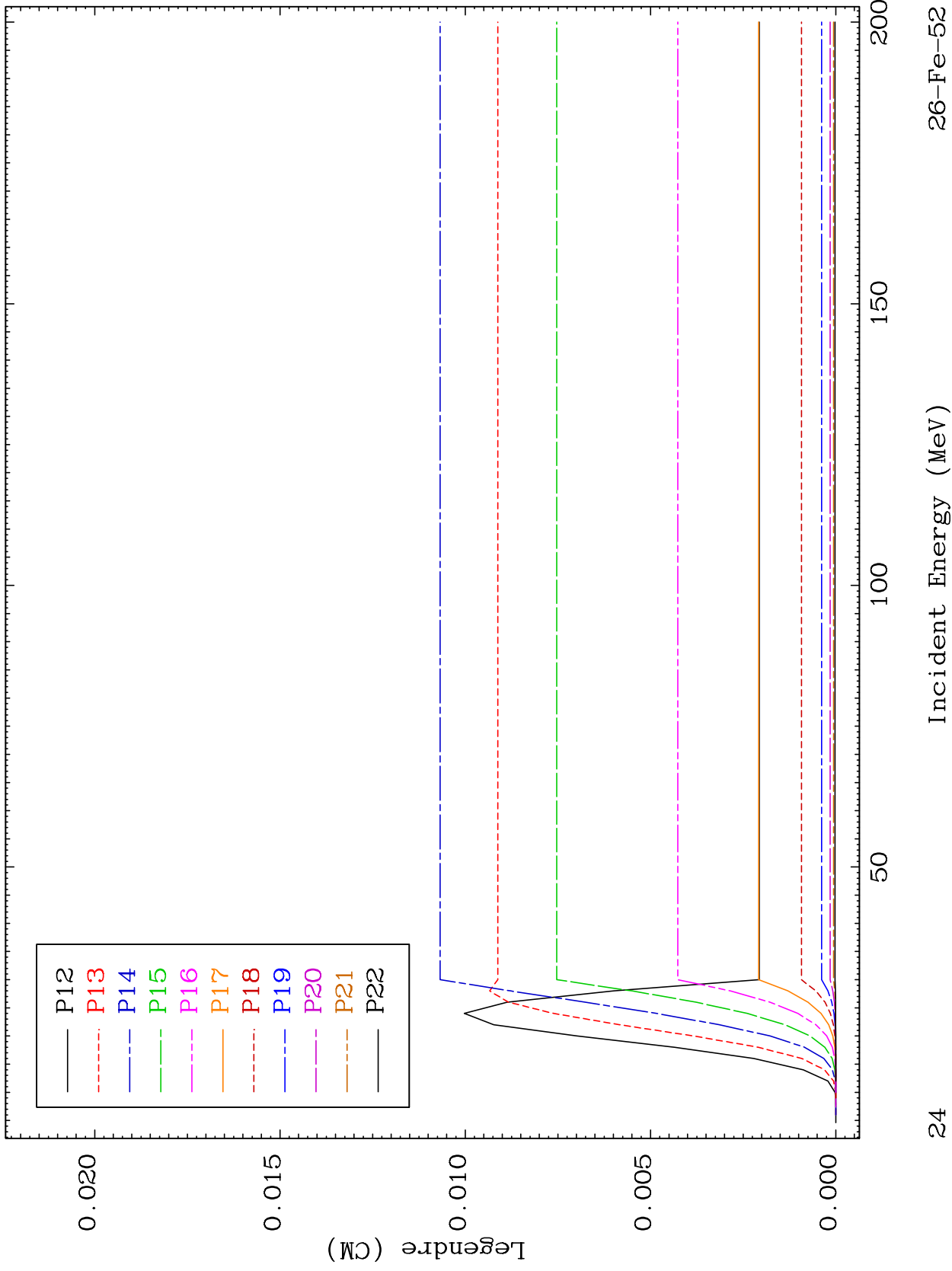
Incident Energy (MeV)

26-Fe-52

MAT 2619

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

26-Fe-52



24

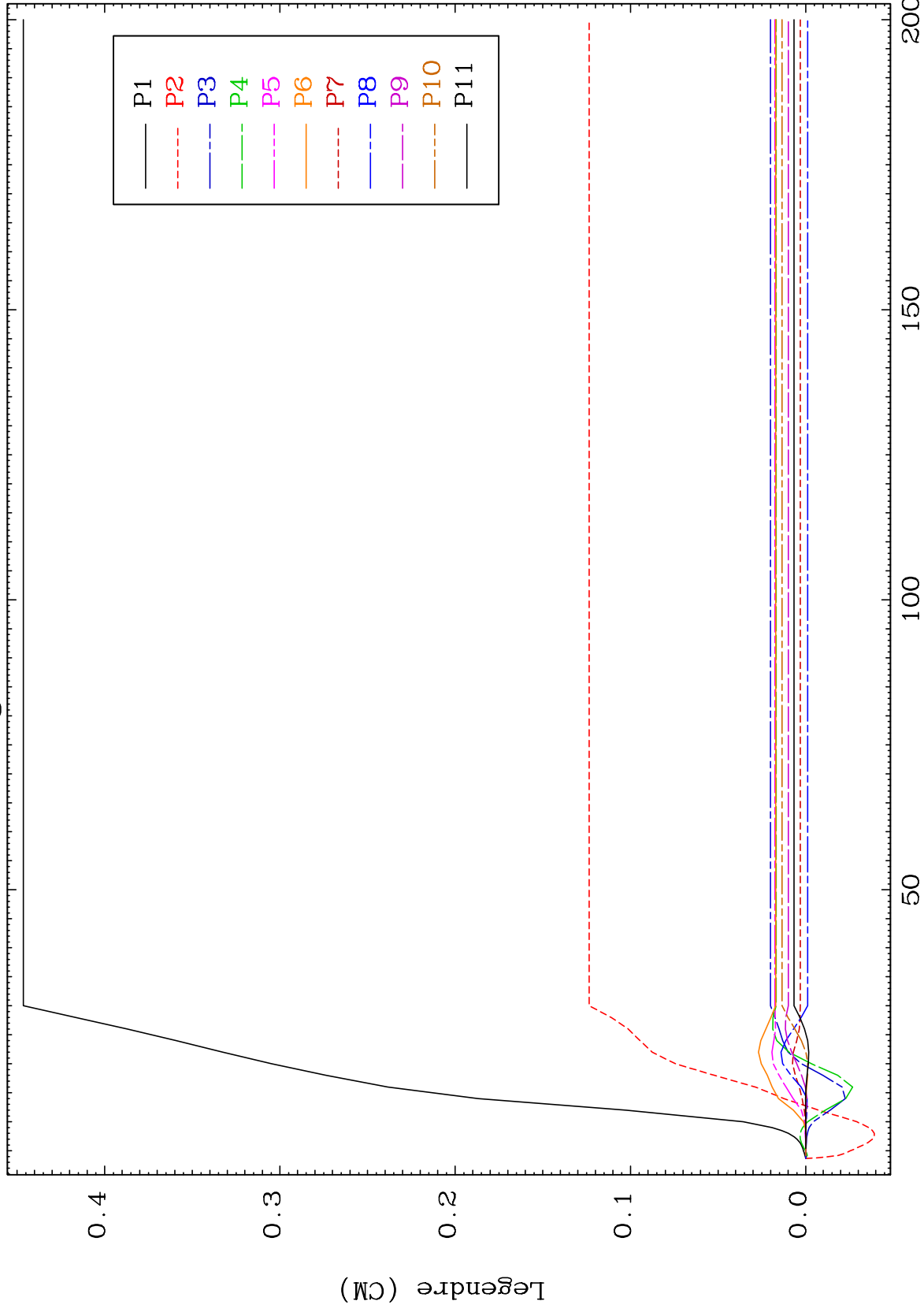
Incident Energy (MeV)

26-Fe-52

MAT 2619

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

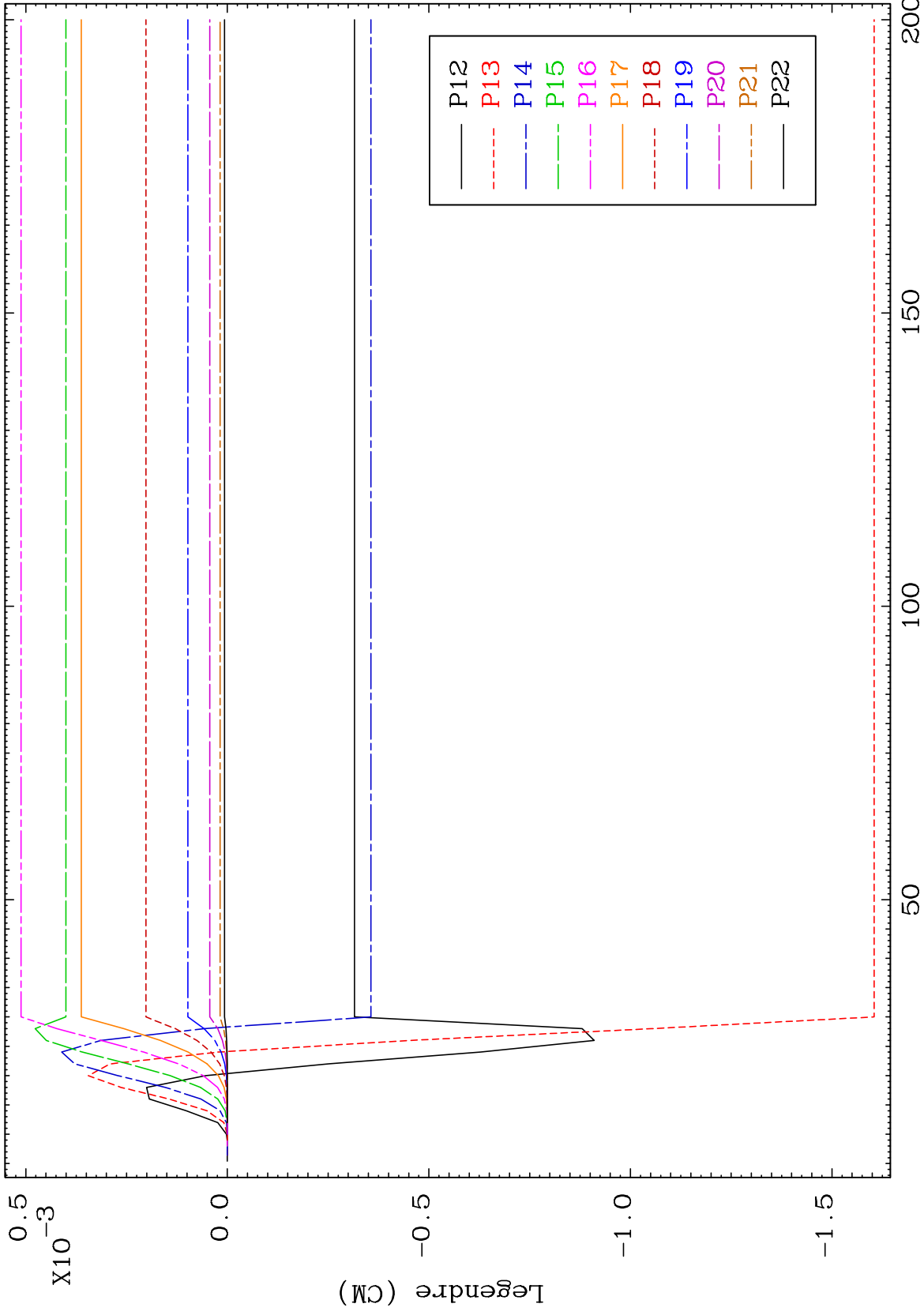
26-Fe-52



26

Incident Energy (MeV)

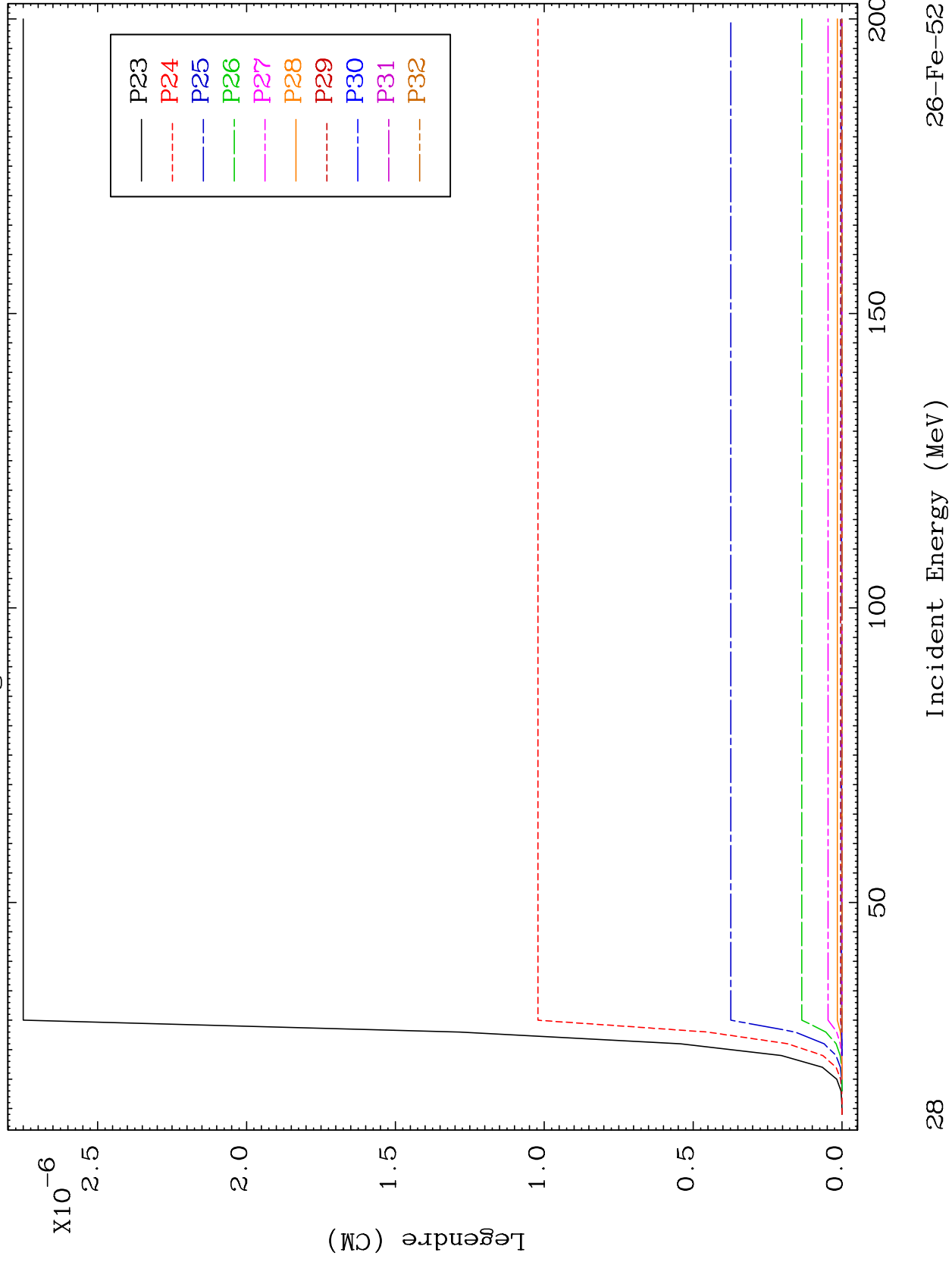
26-Fe-52



MAT 2619

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

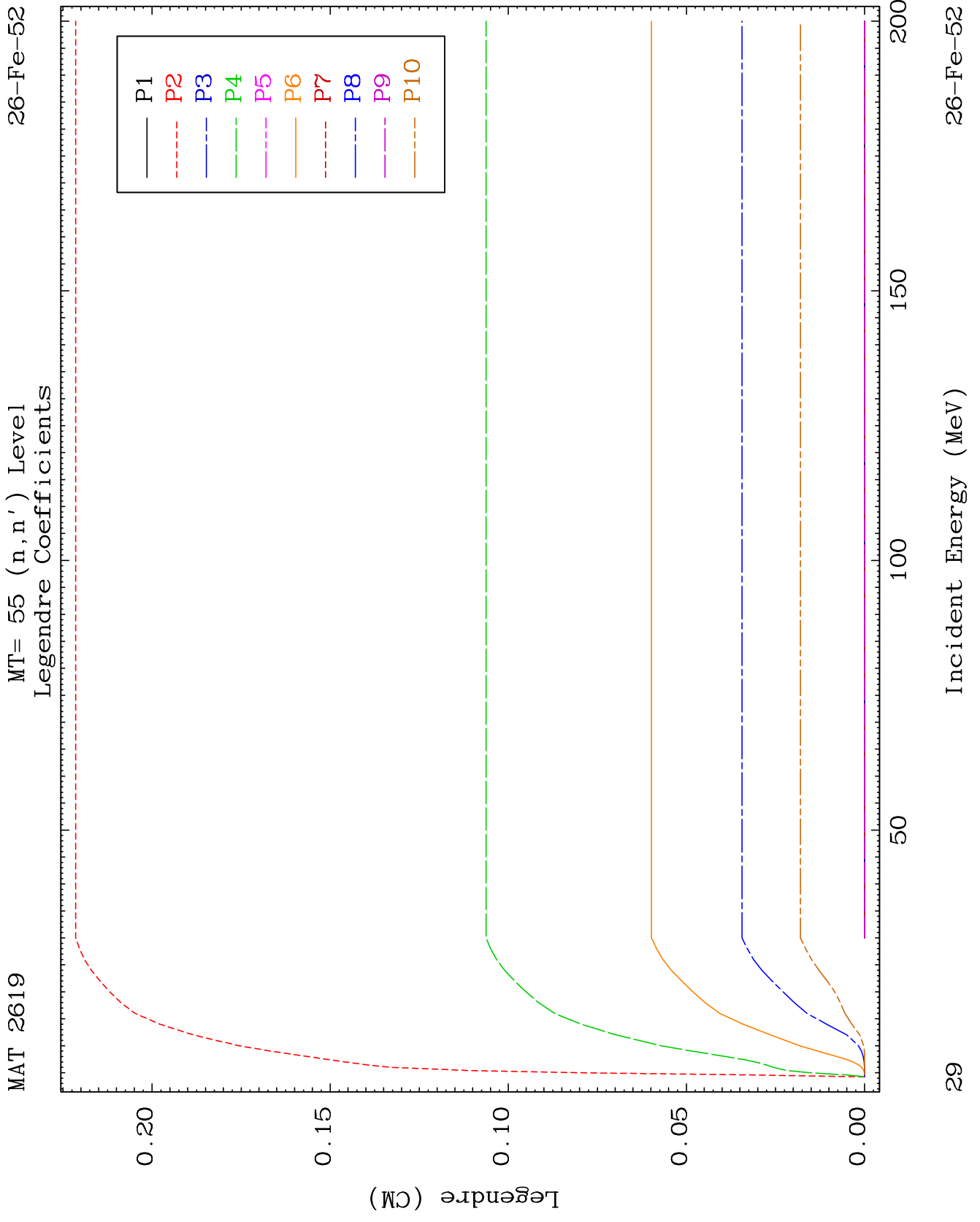
26-Fe-52

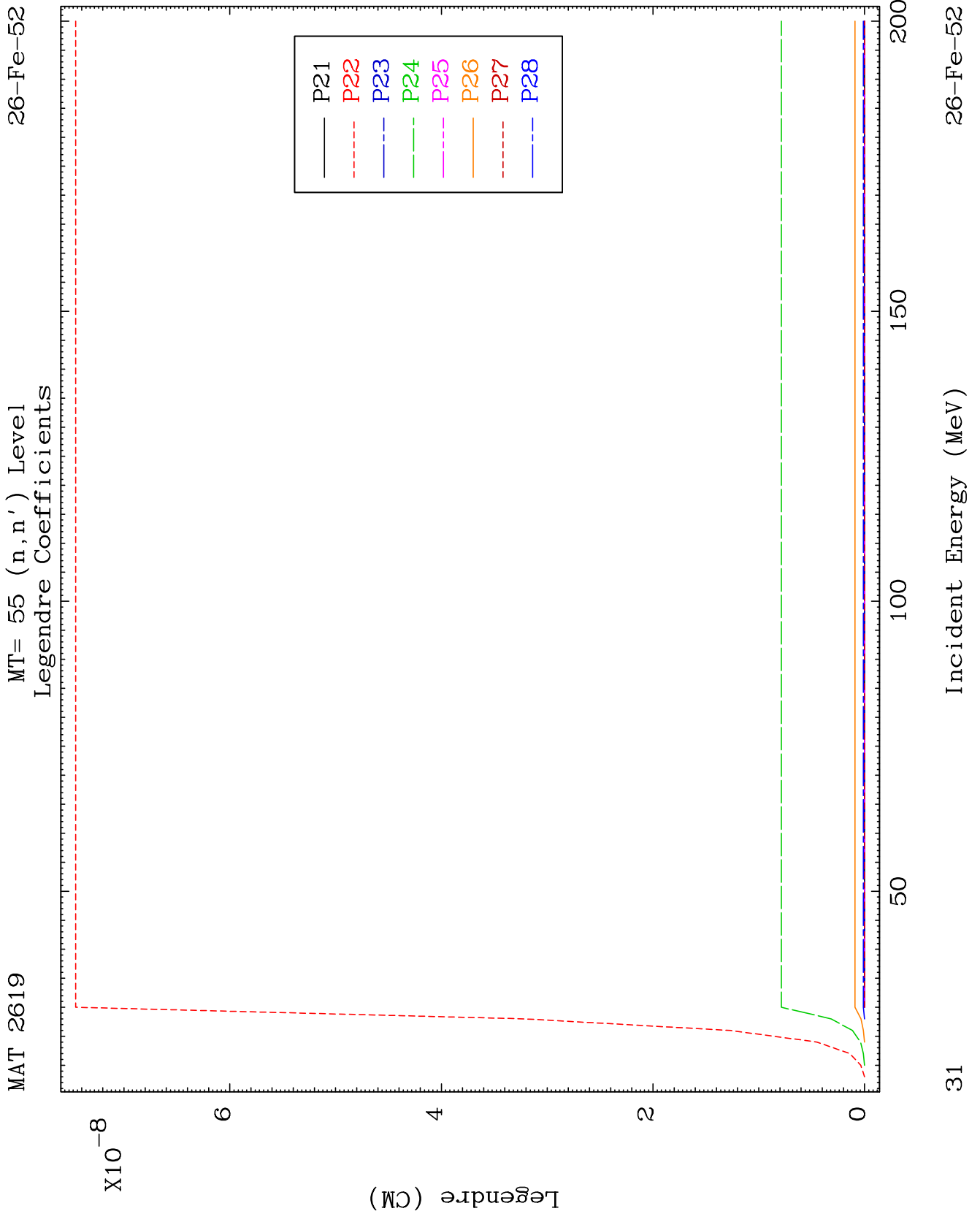


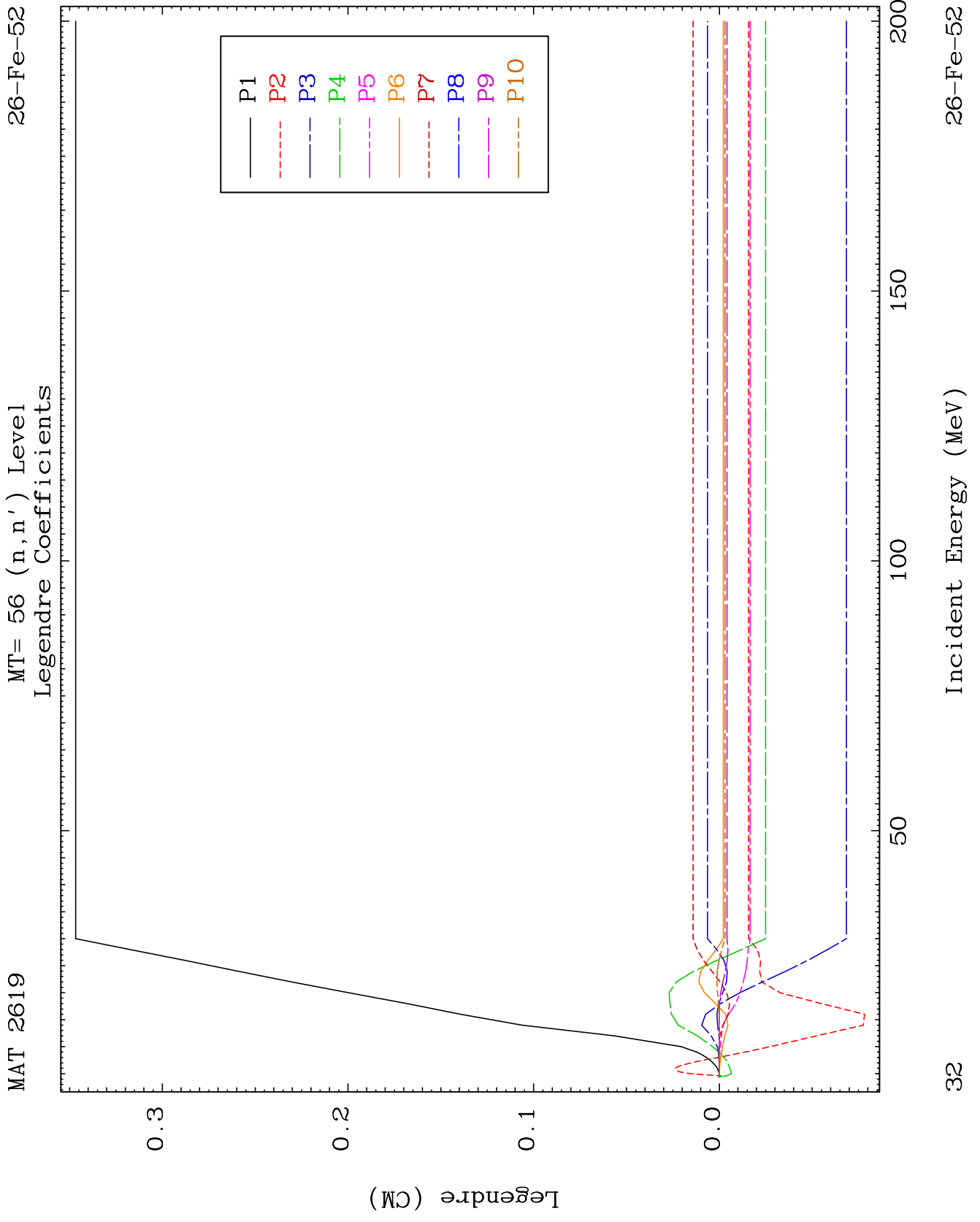
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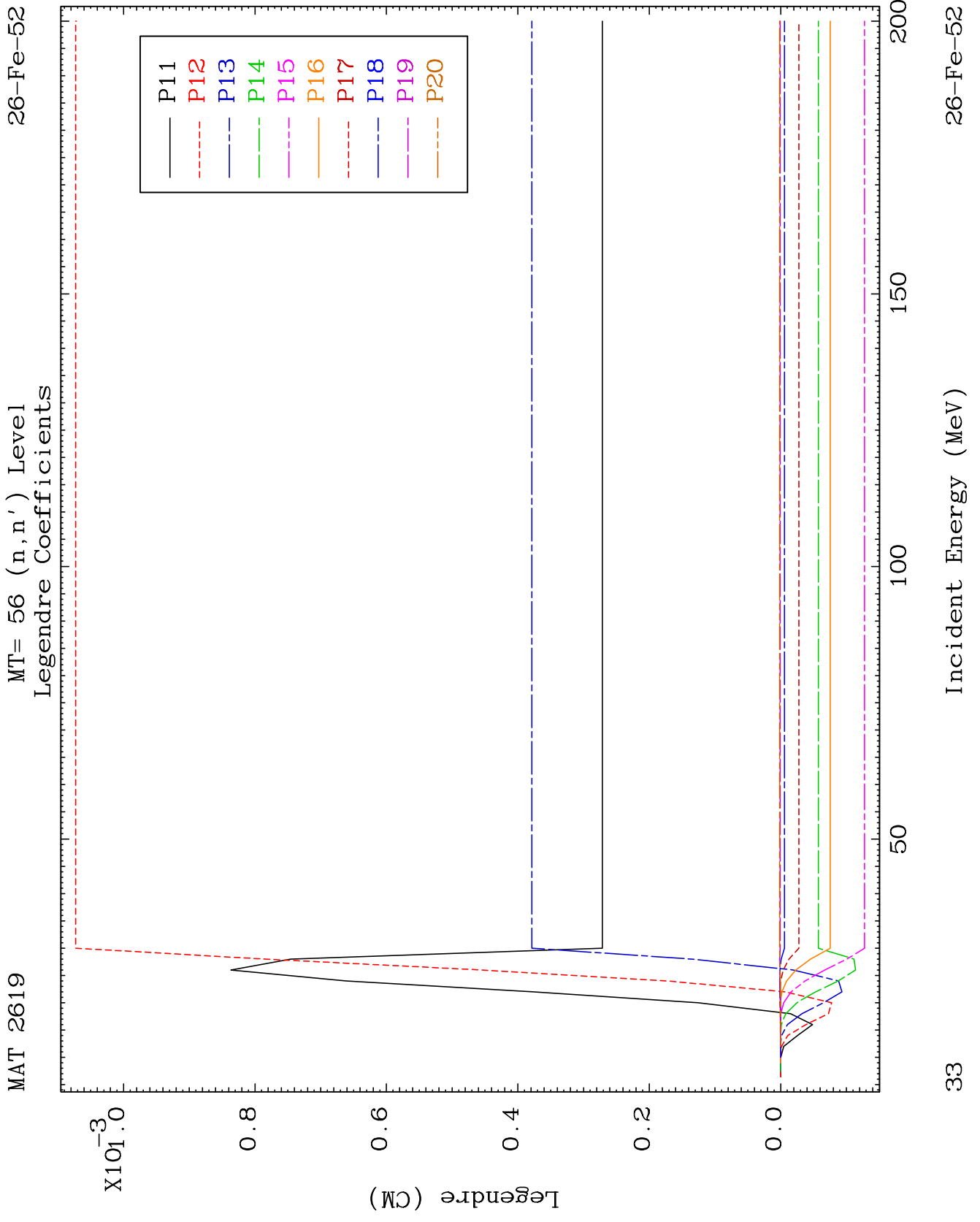
Incident Energy (MeV)

26-Fe-52





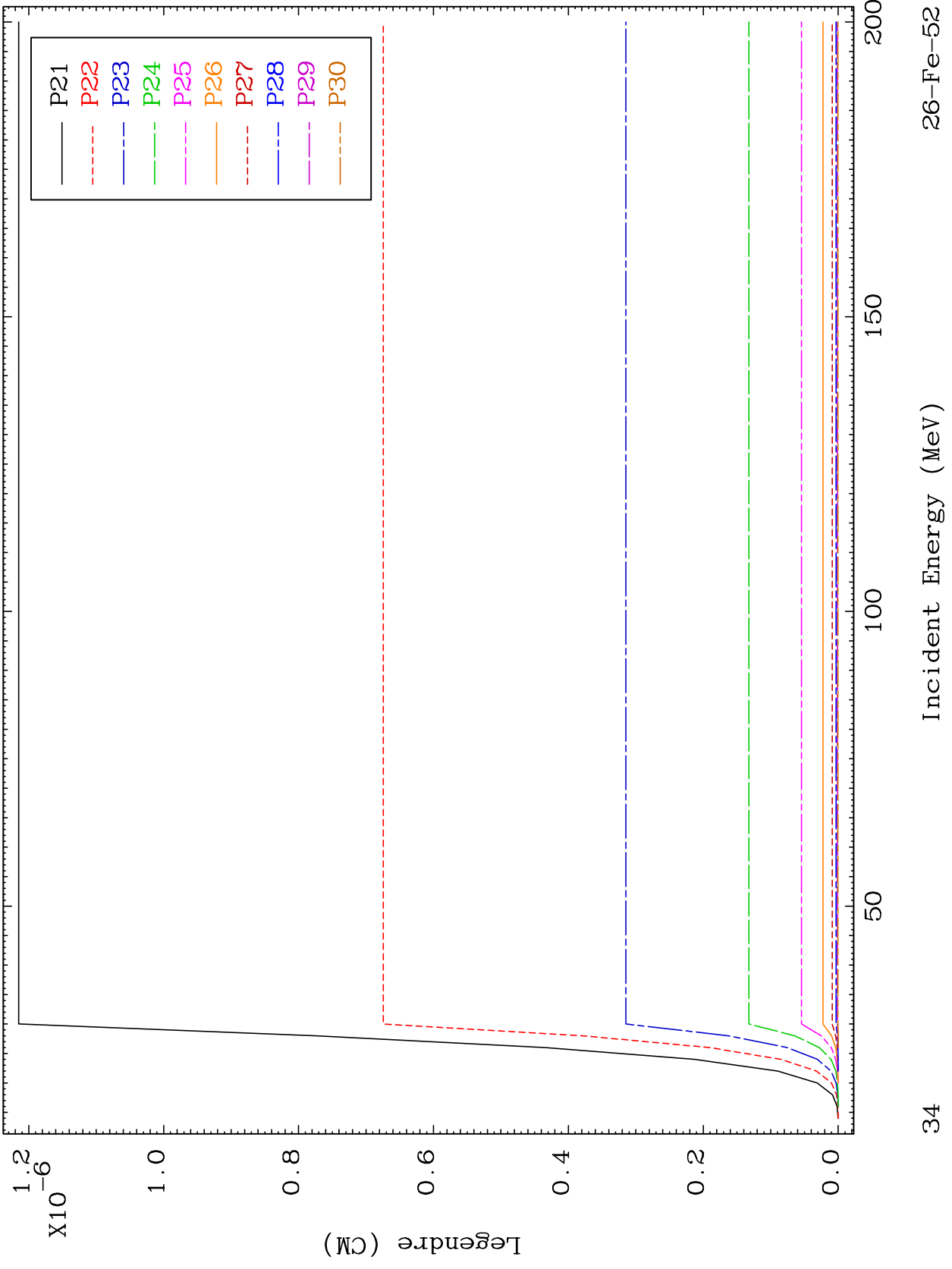




MAT 2619

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

26-Fe-52



26-Fe-52

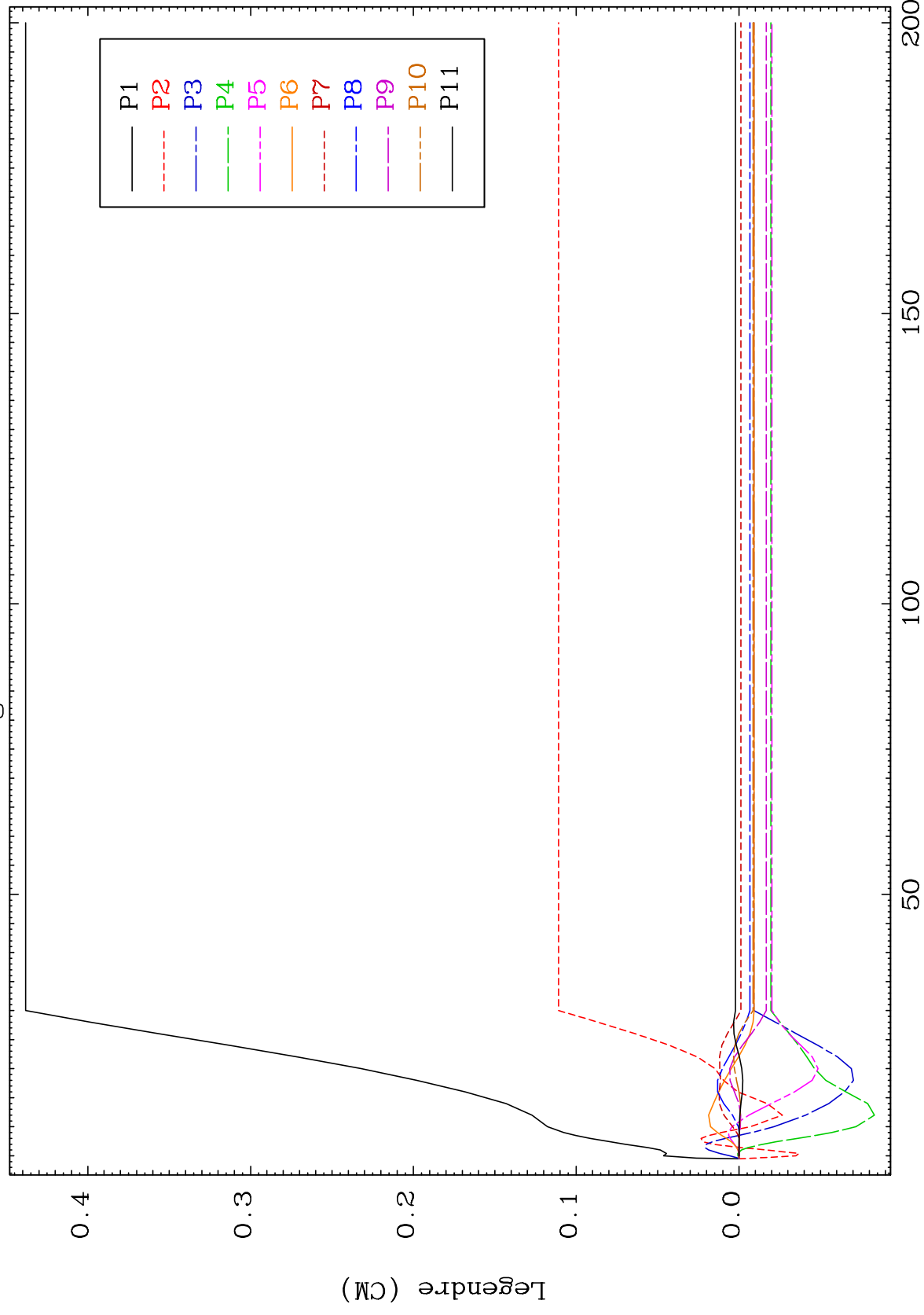
Incident Energy (MeV)

34

MAT 2619

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

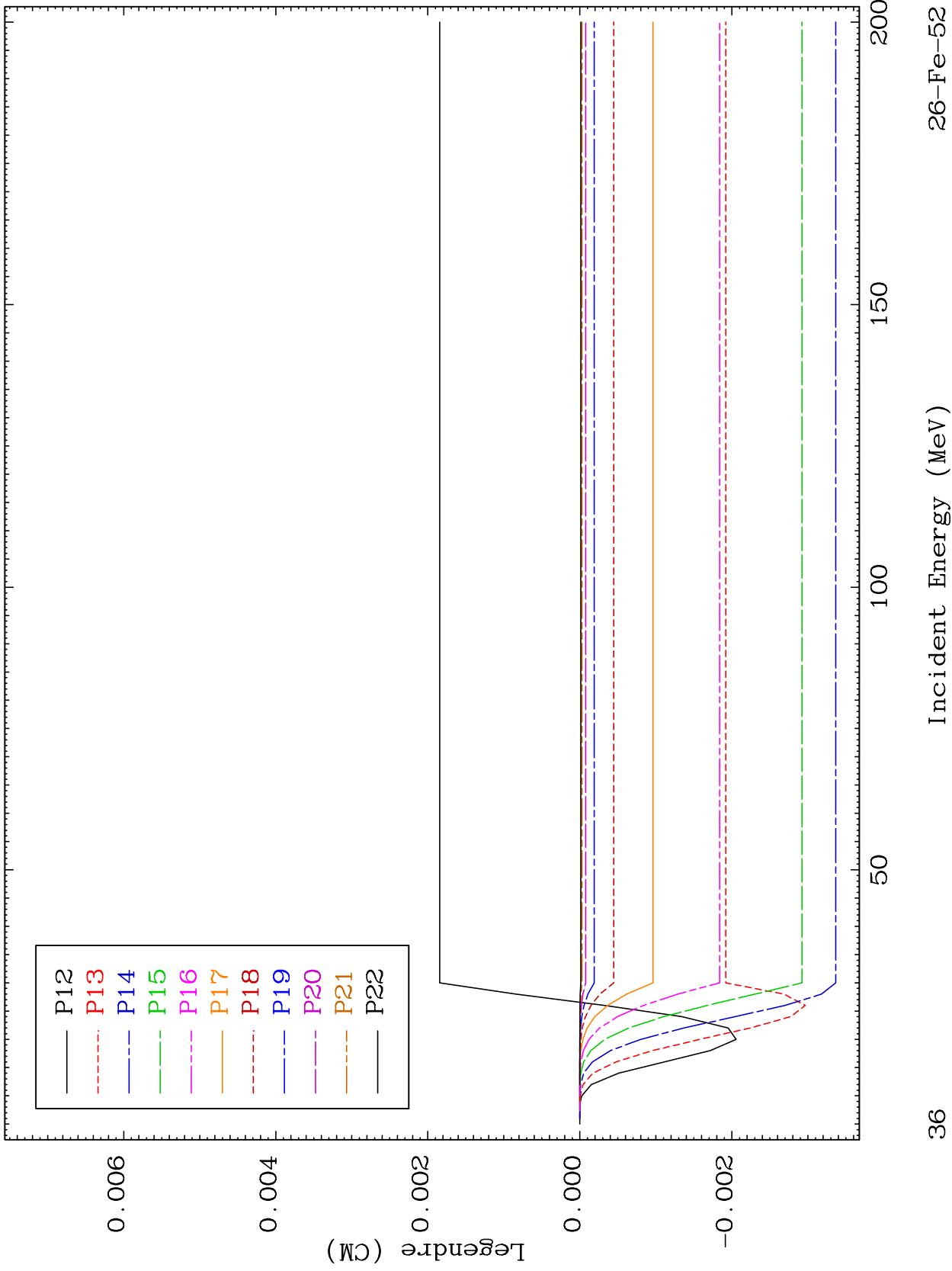
26-Fe-52

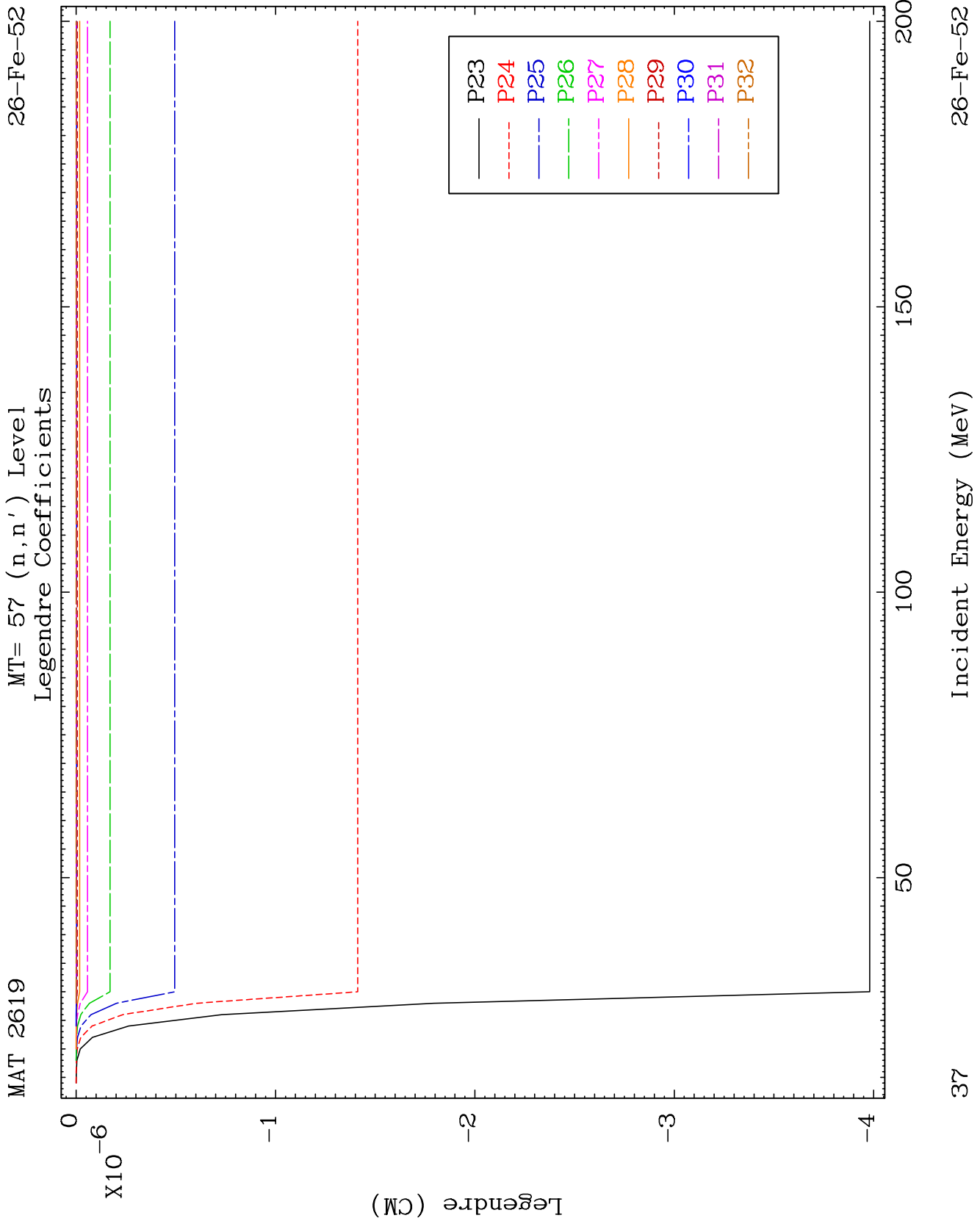


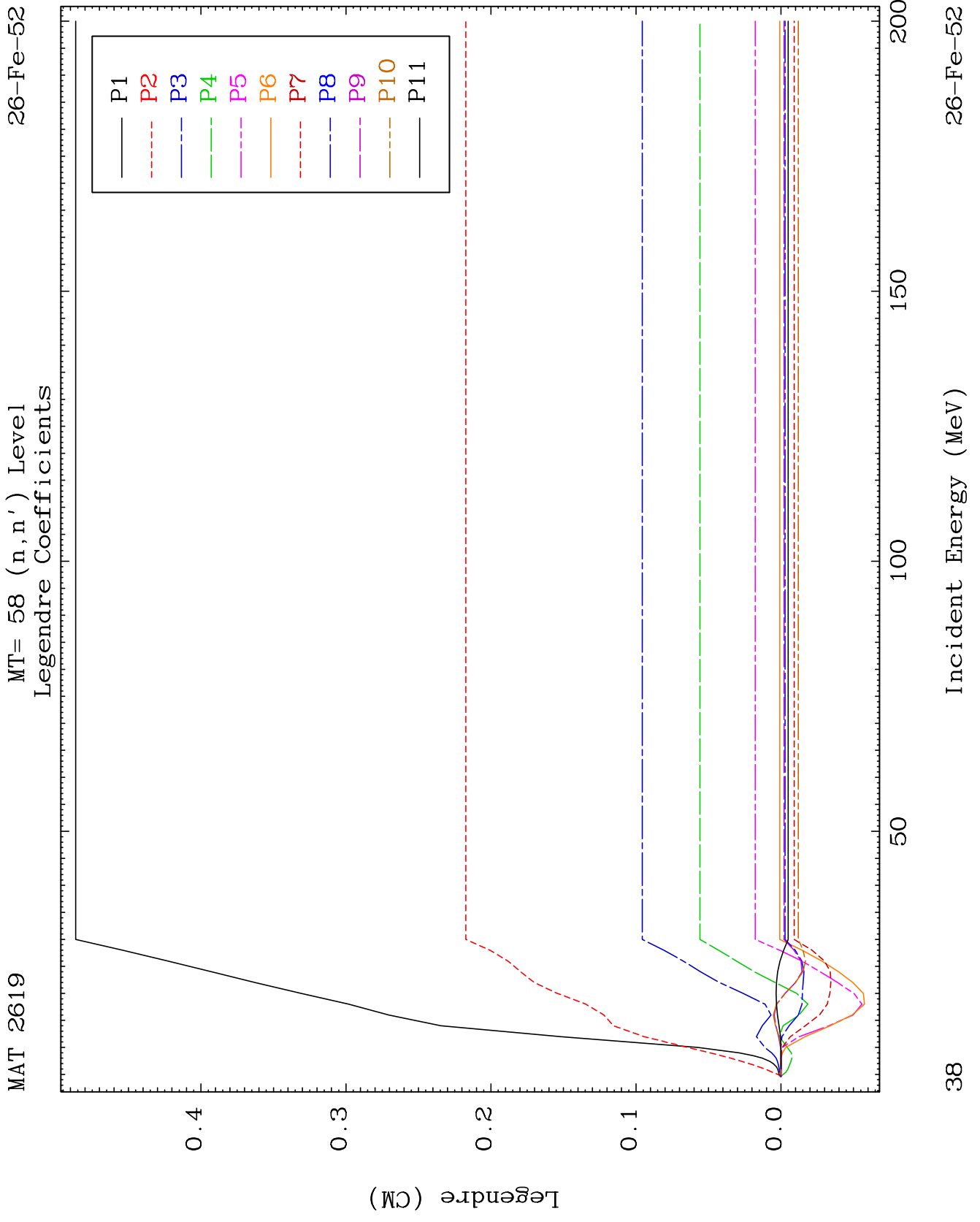
35

Incident Energy (MeV)

26-Fe-52



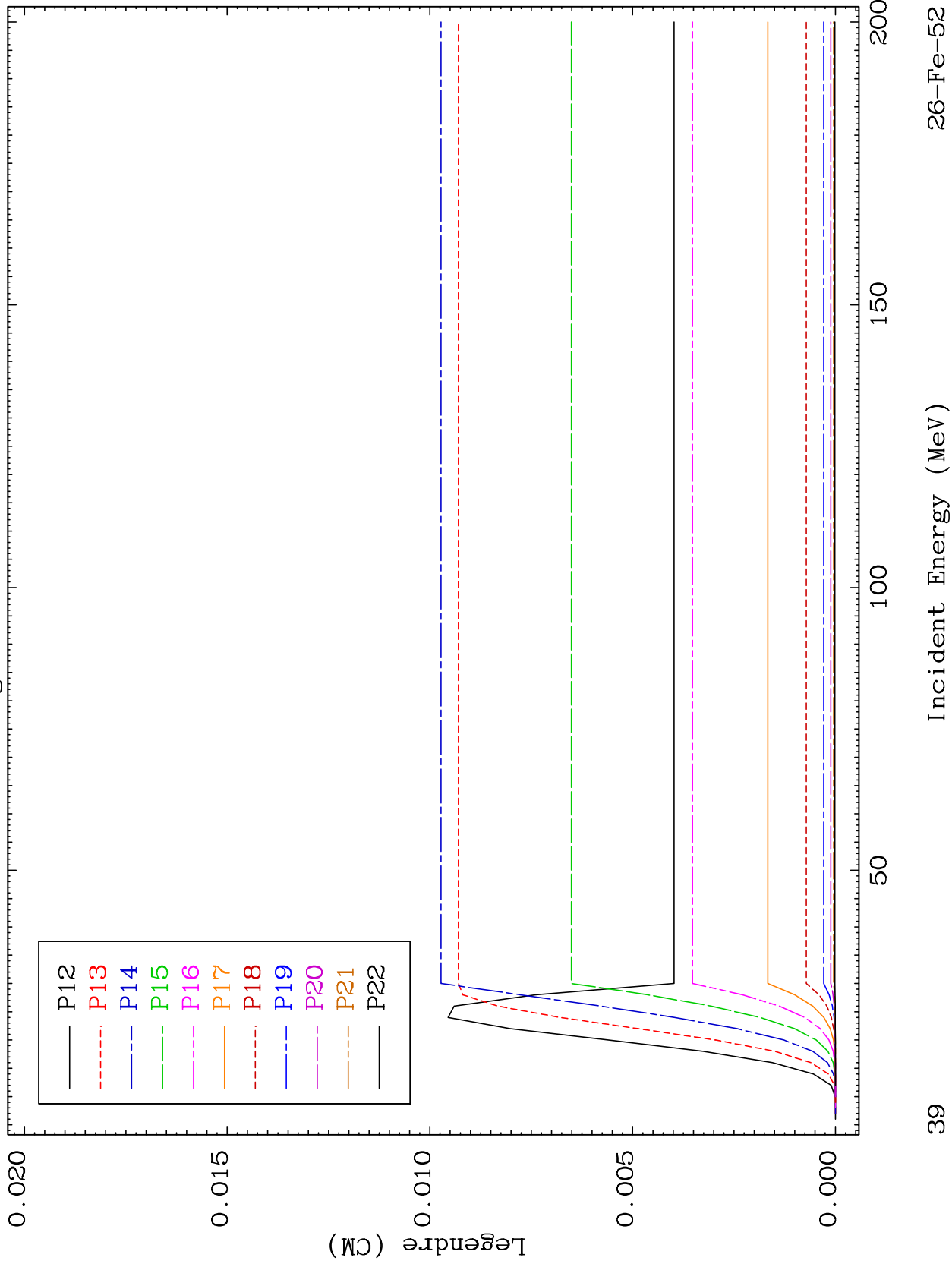




MAT 2619

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

26-Fe-52



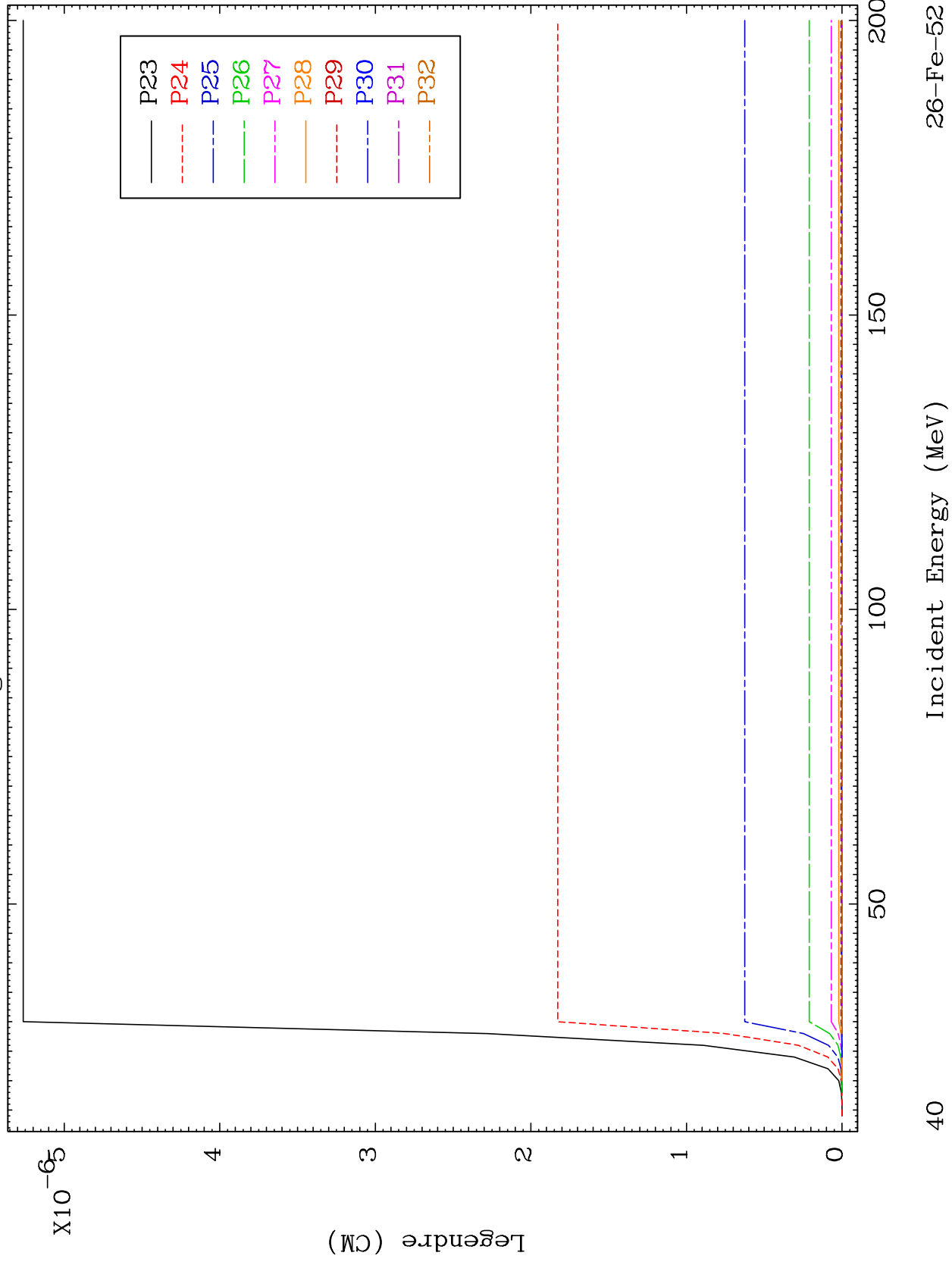
39

26-Fe-52

MAT 2619

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

26-Fe-52

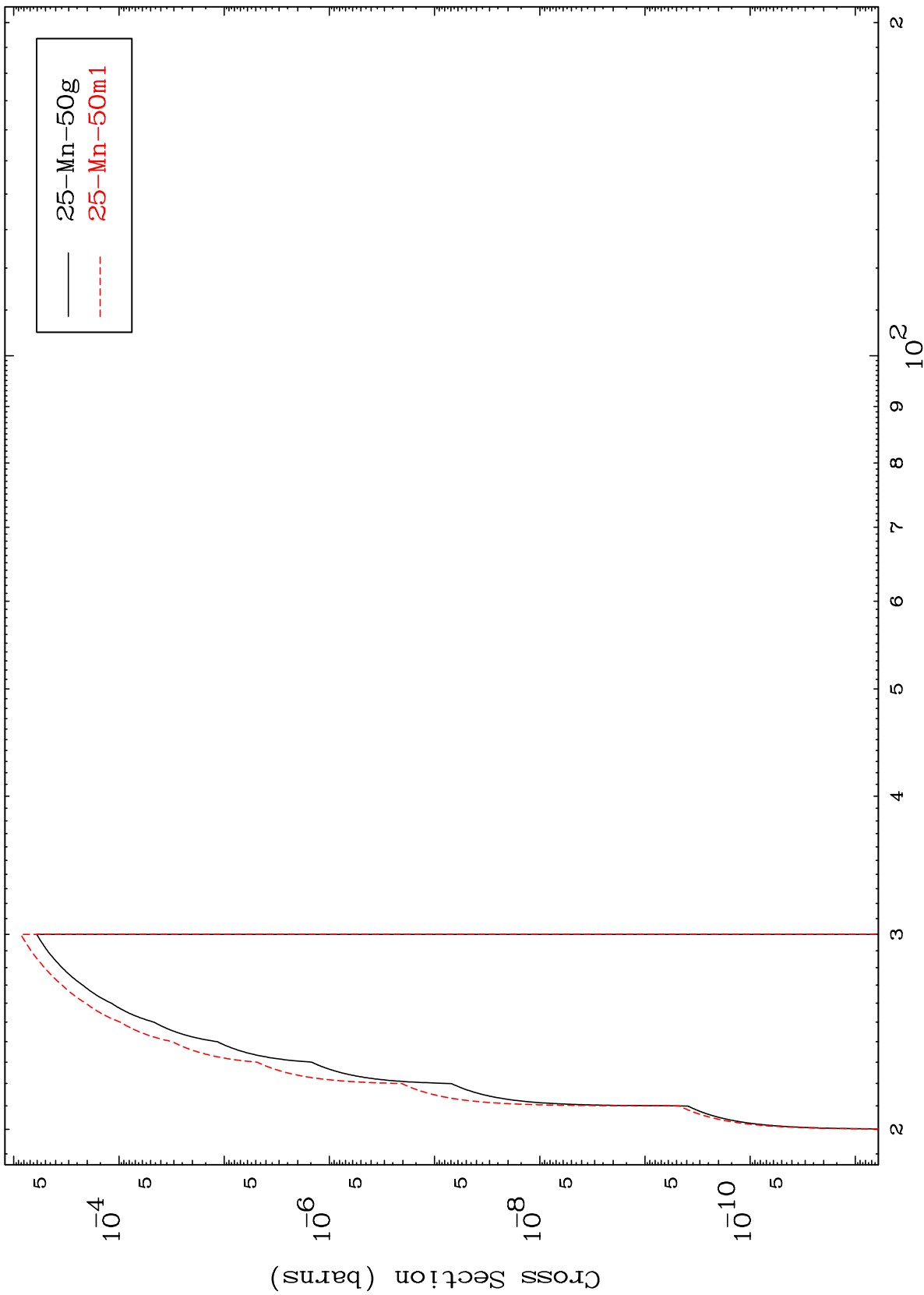


MAT 2619

(n,n') d

26-Fe-52

Radionuclide Production Cross Section



41

Incident Energy (MeV)

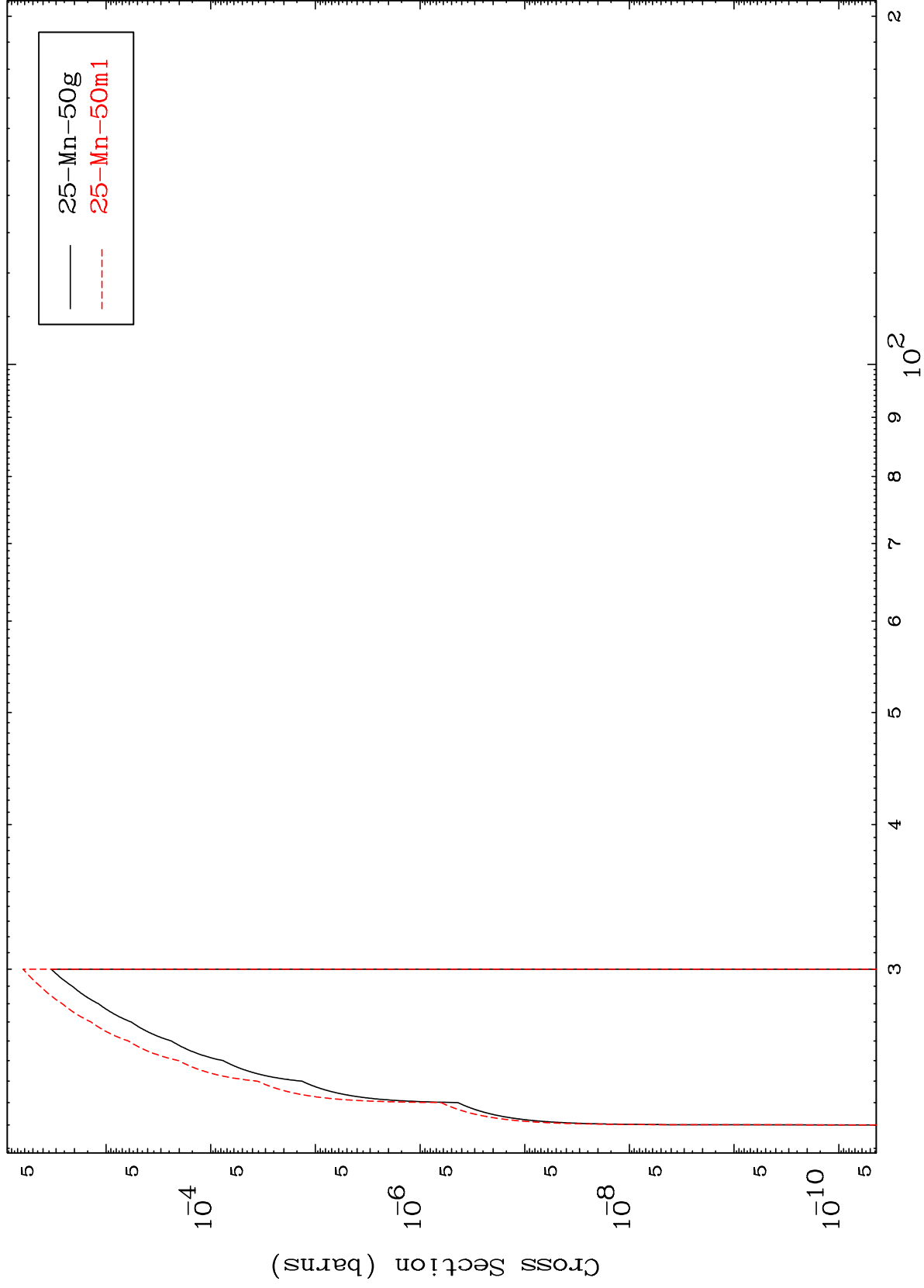
26-Fe-52

MAT 2619

(n,2n) p

26-Fe-52

Radionuclide Production Cross Section



42

Incident Energy (MeV)

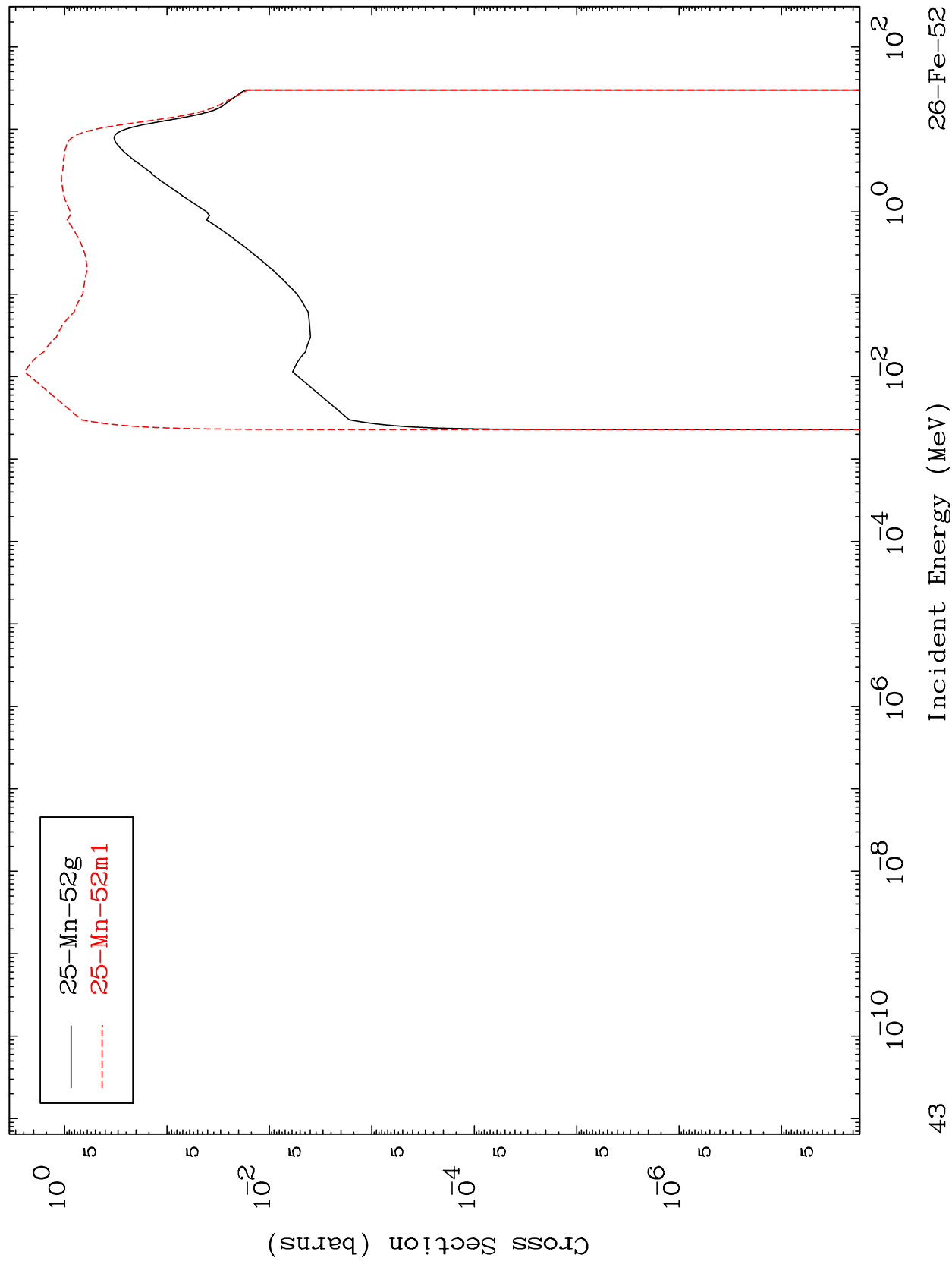
26-Fe-52

MAT 2619

(n,p)

26-Fe-52

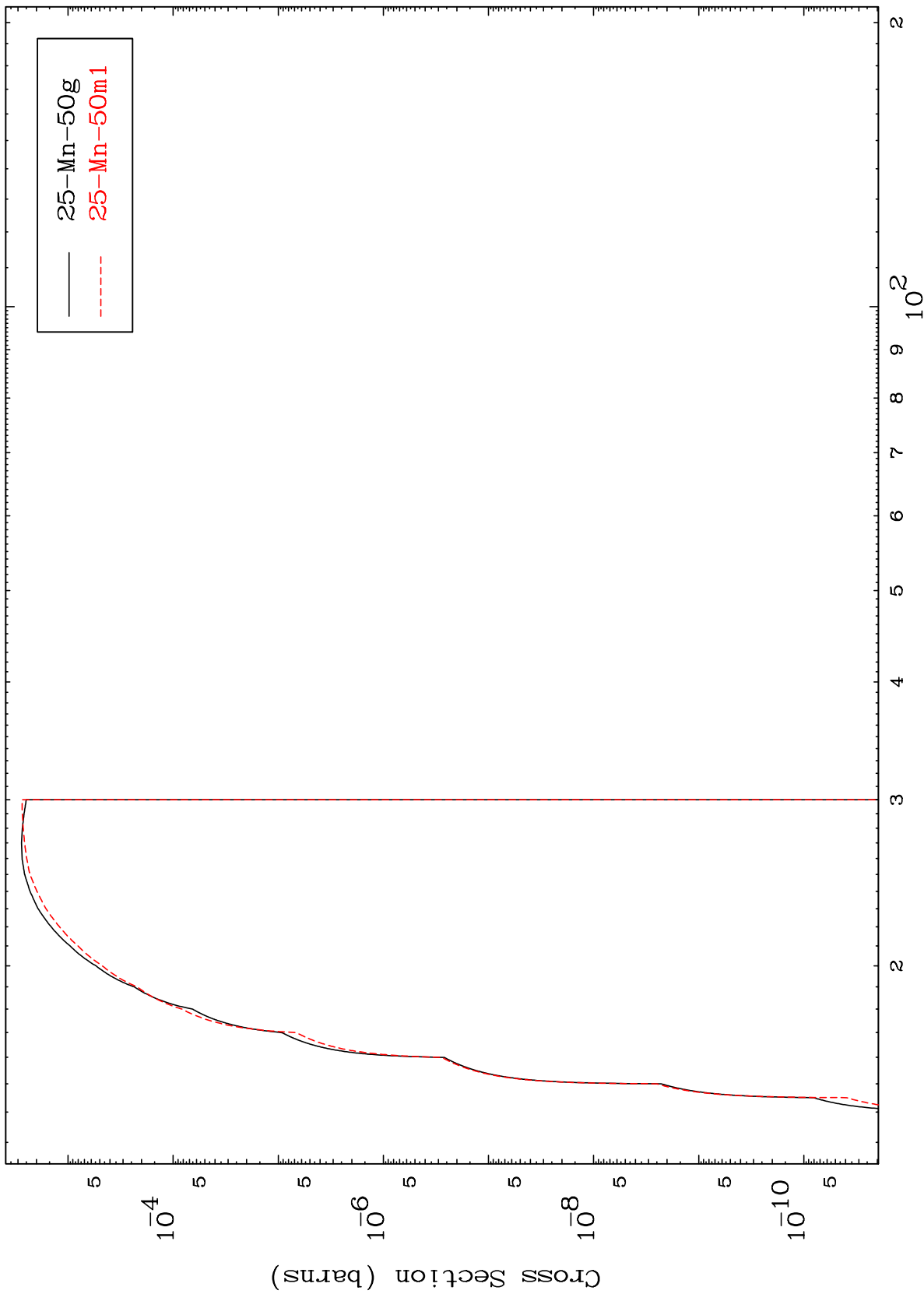
Radionuclide Production Cross Section



MAT 2619

26-Fe-52

(n,t)
Radionuclide Production Cross Section



44

Incident Energy (MeV)

26-Fe-52