

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

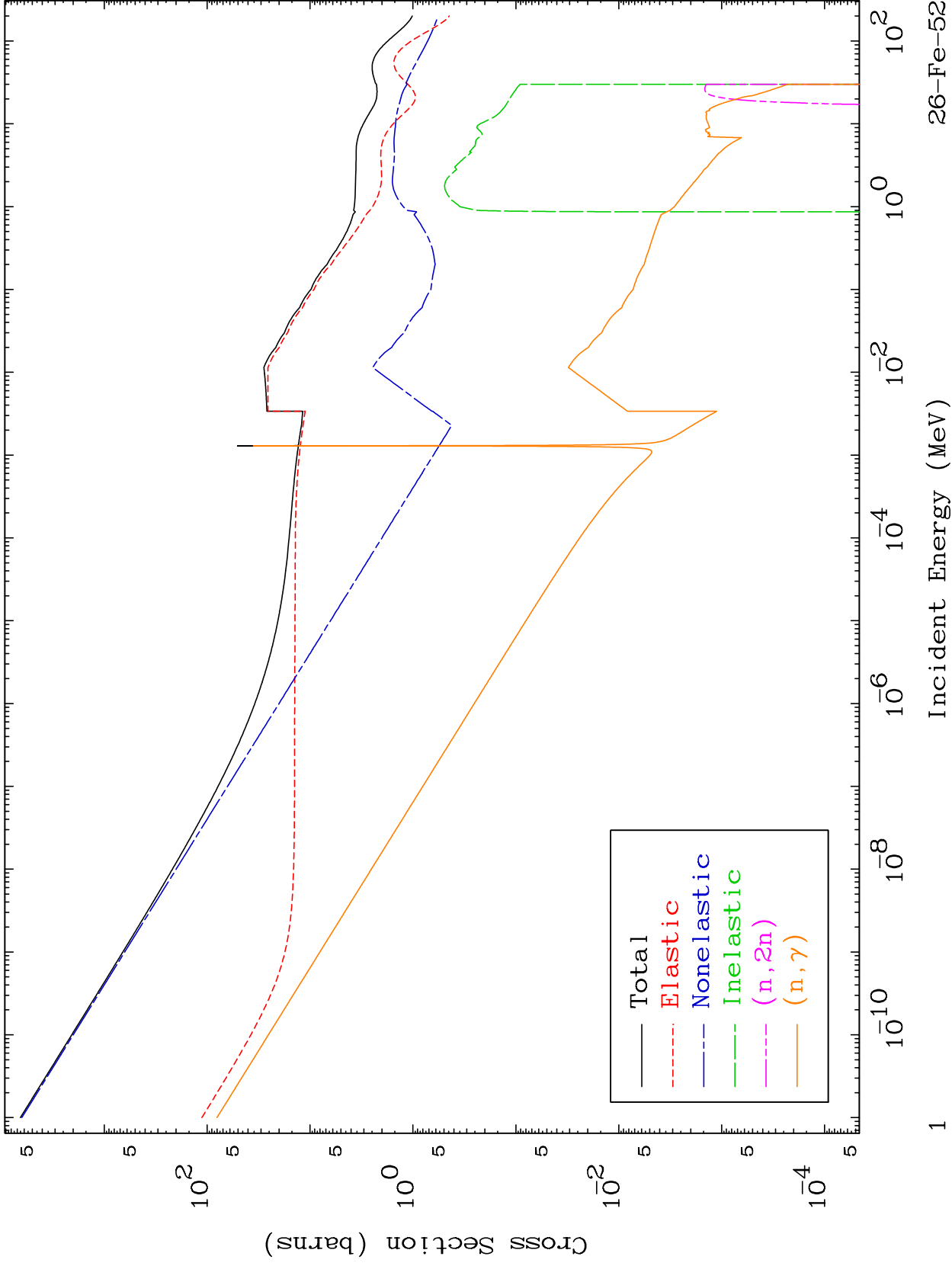
Web:redcullen1.net/HOMEPAGE.NEW

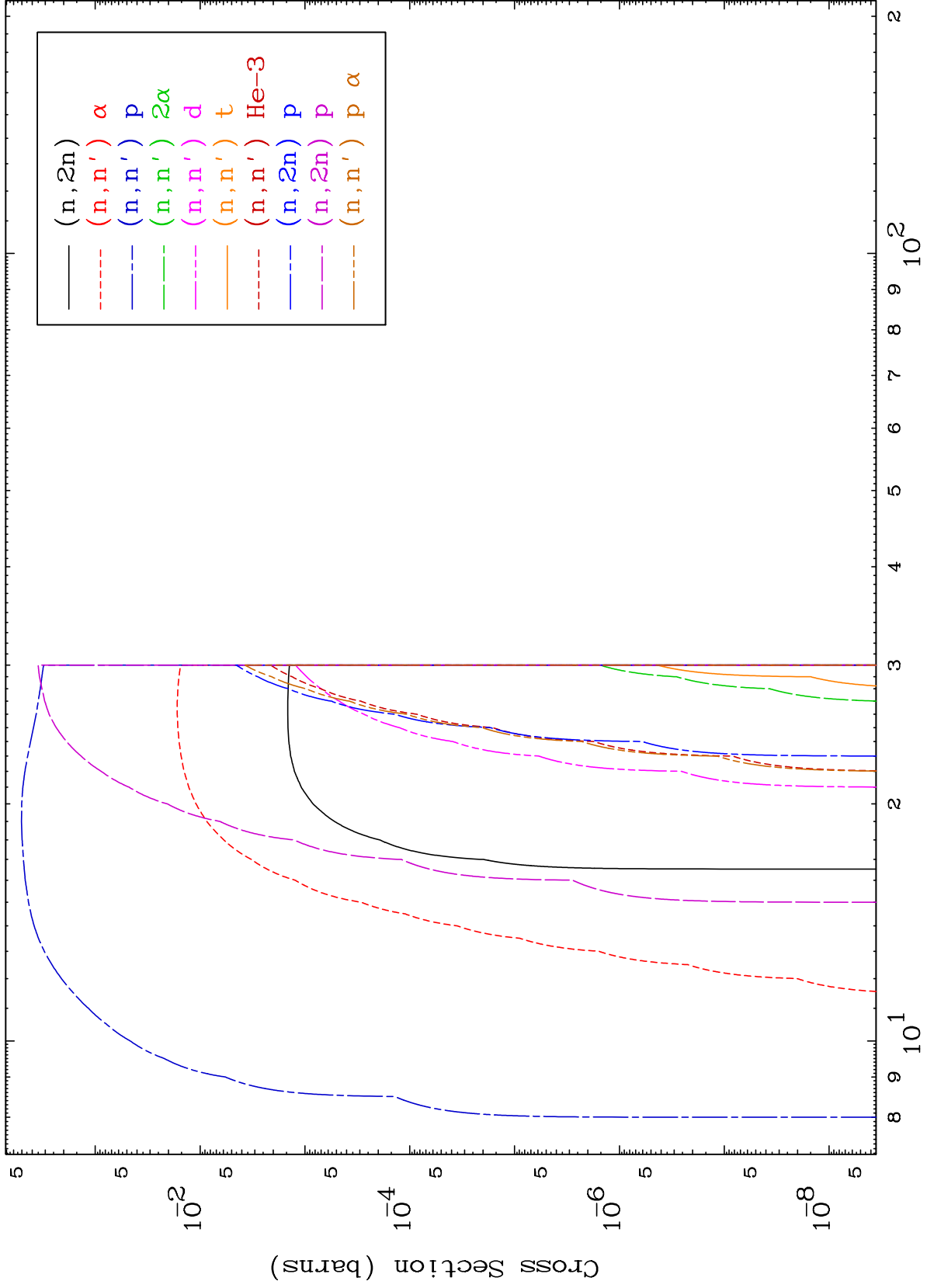
Press Mouse Button to Start

MAT 2619

Neutron Major  
293 Kelvin Cross Sections

26-Fe-52

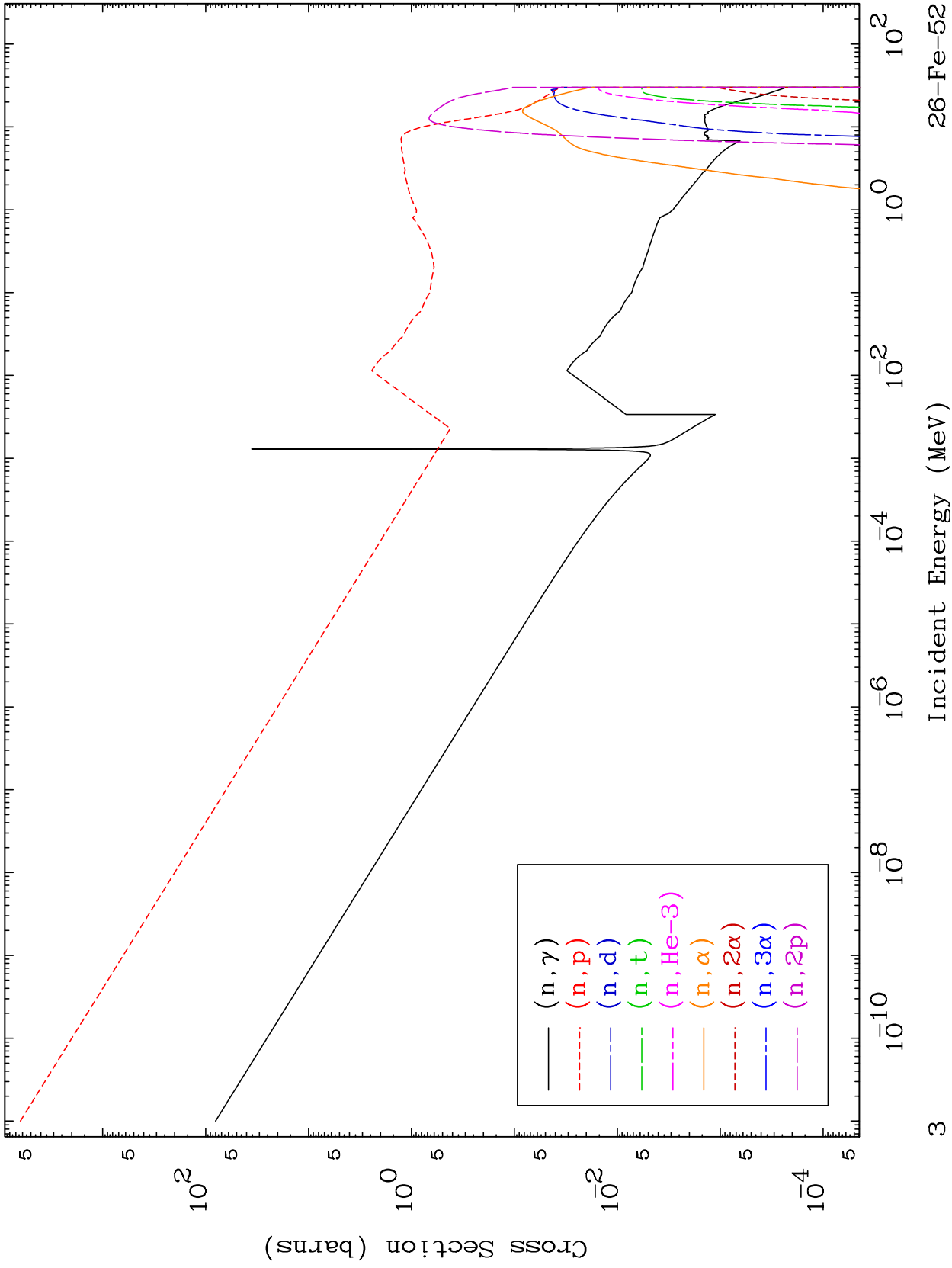




MAT 2619

Neutron Absorption  
293 Kelvin Cross Sections

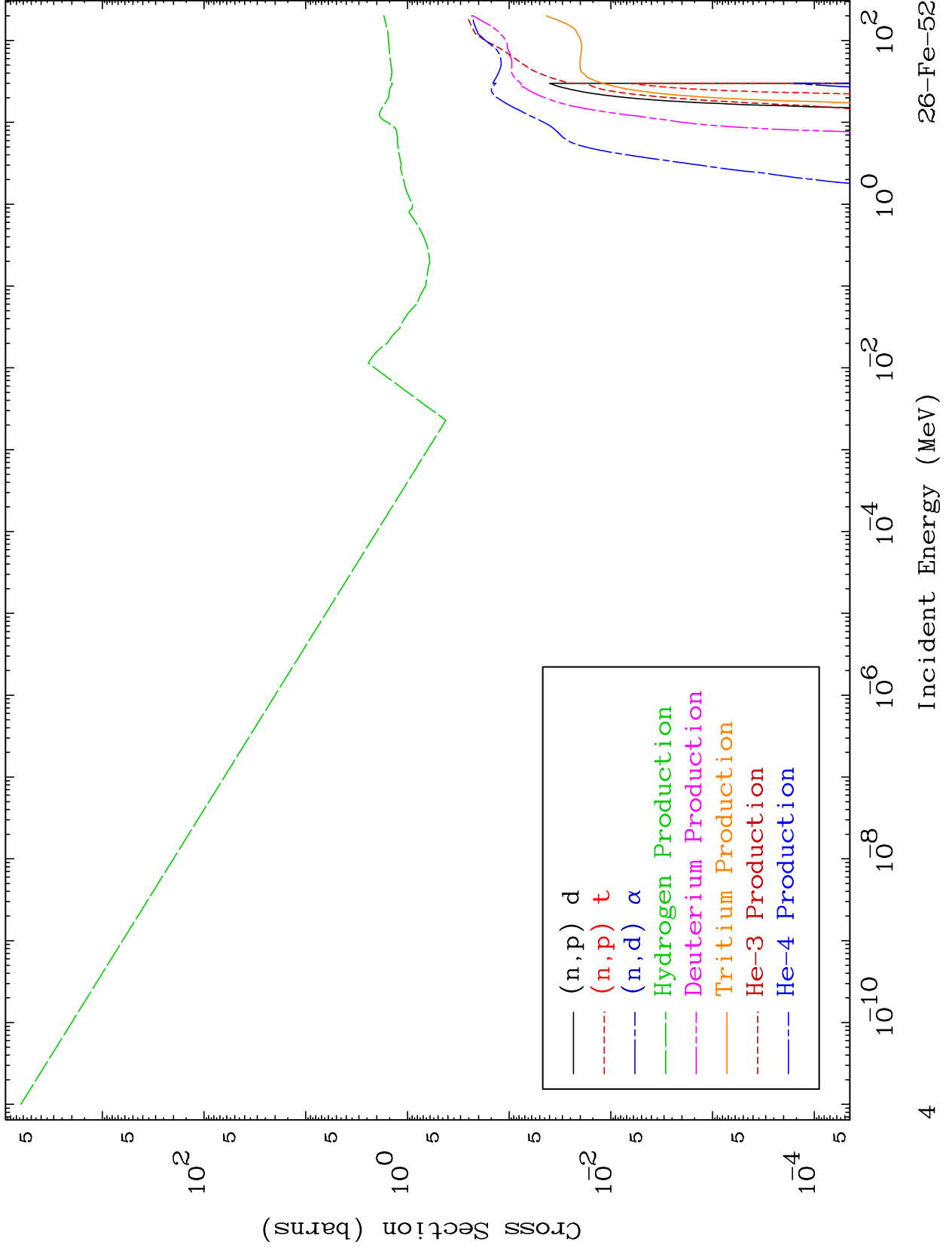
26-Fe-52



MAT 2619

Neutron Absorption  
293 Kelvin Cross Sections

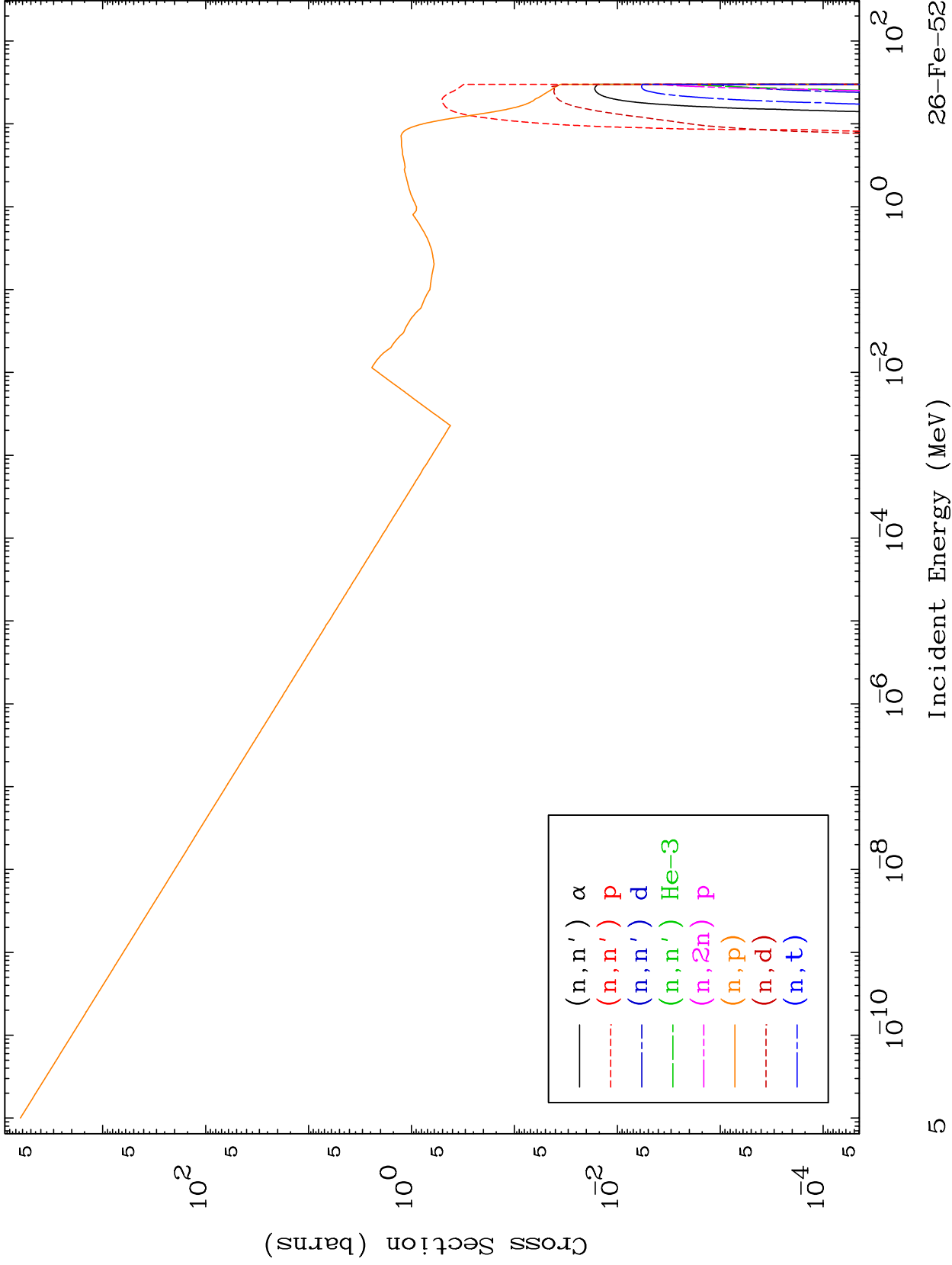
26-Fe-52



MAT 2619

Charged Particle  
293 Kelvin Cross Sections

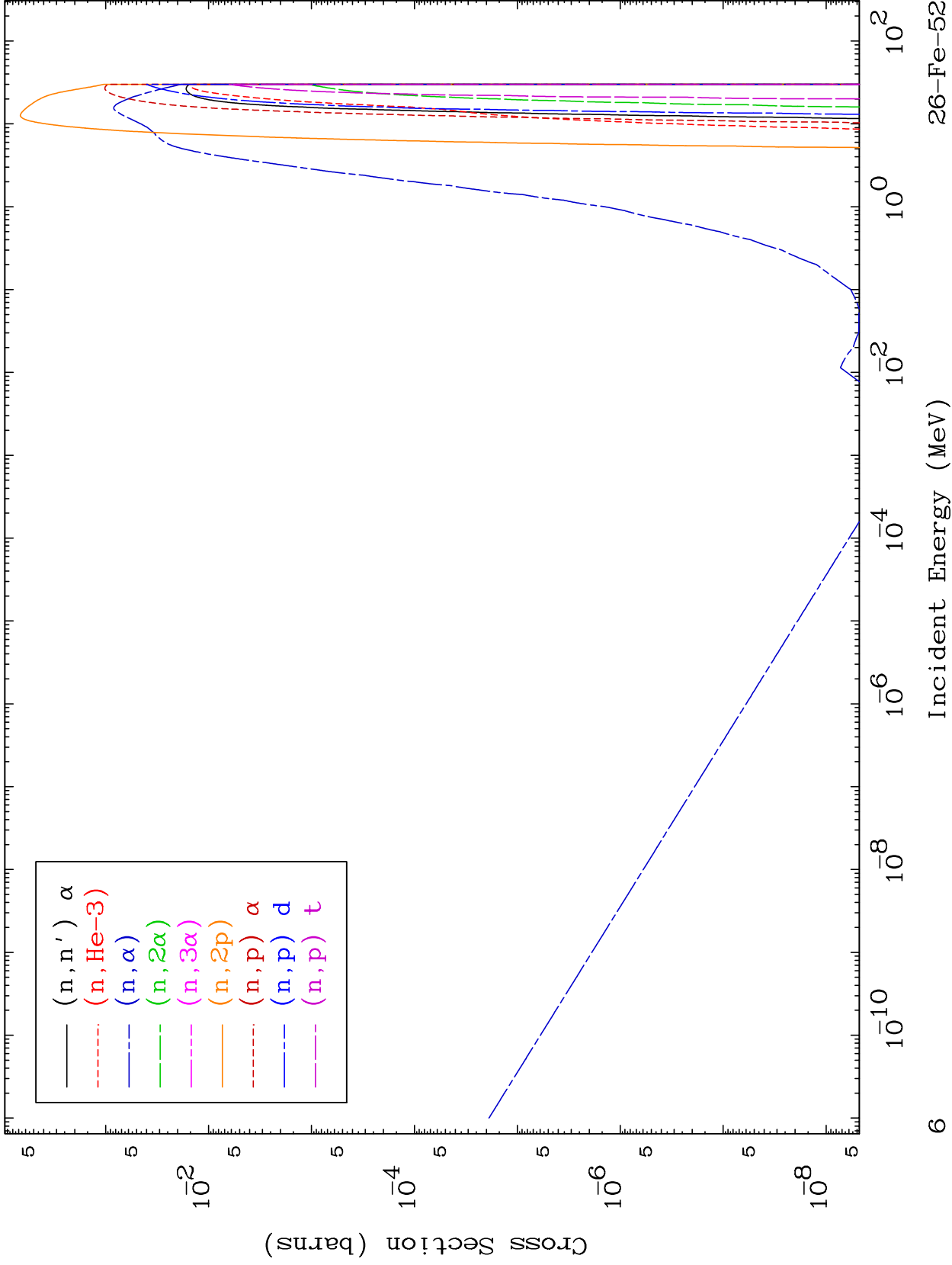
26-Fe-52



MAT 2619

Charged Particle  
293 Kelvin Cross Sections

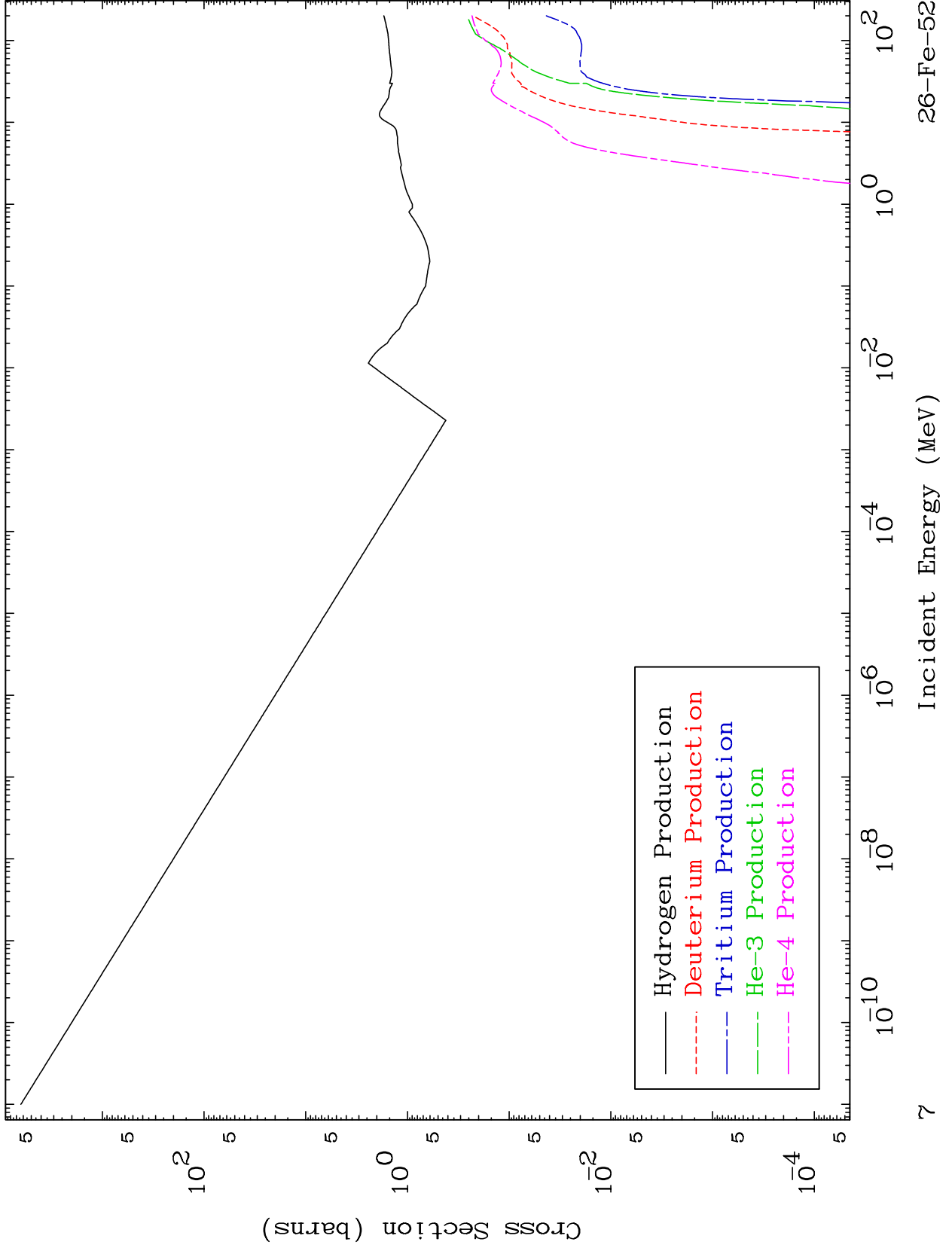
26-Fe-52



MAT 2619

Particle Production  
293 Kelvin Cross Sections

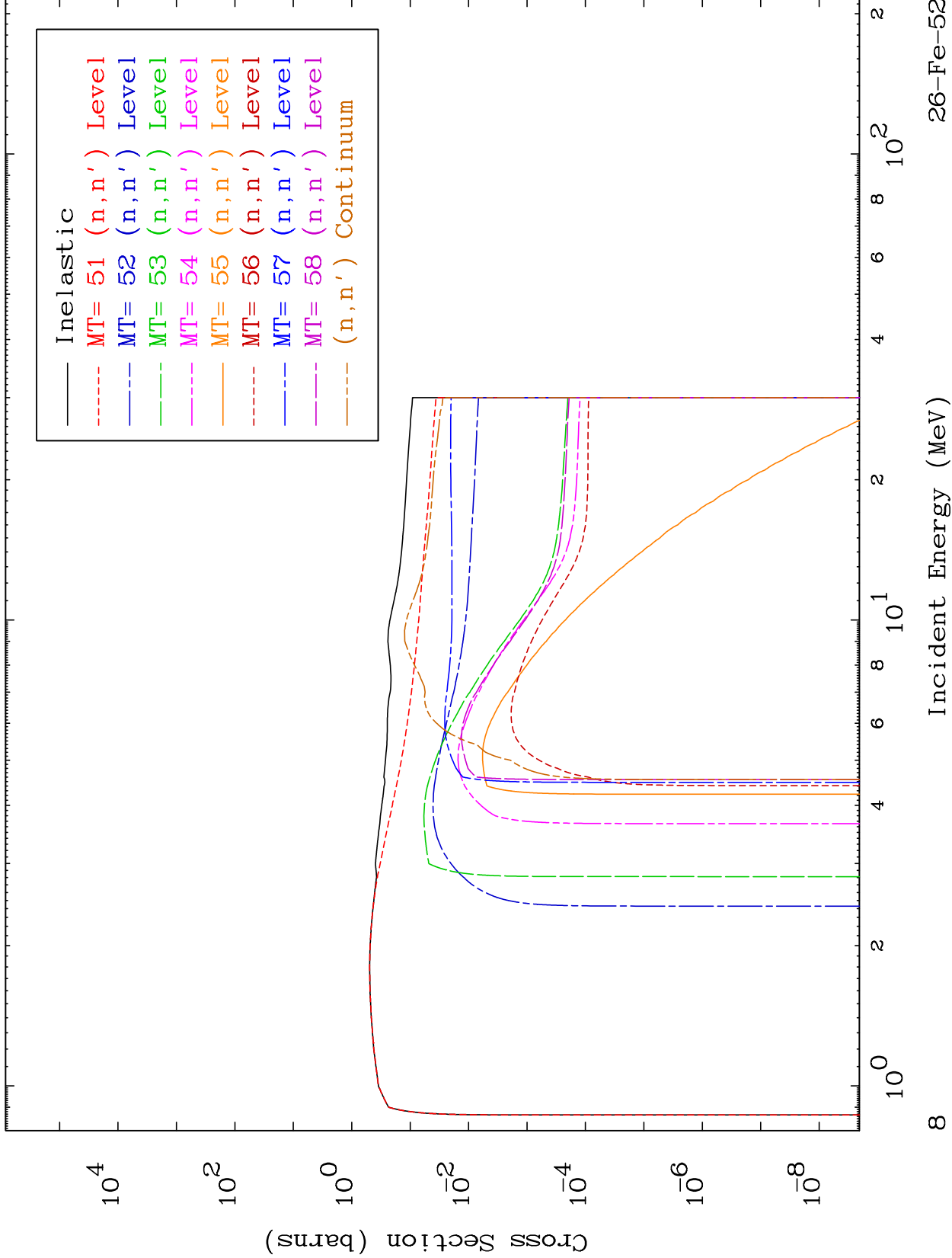
26-Fe-52



MAT 2619

(n,n') Levels  
293 Kelvin Cross Sections

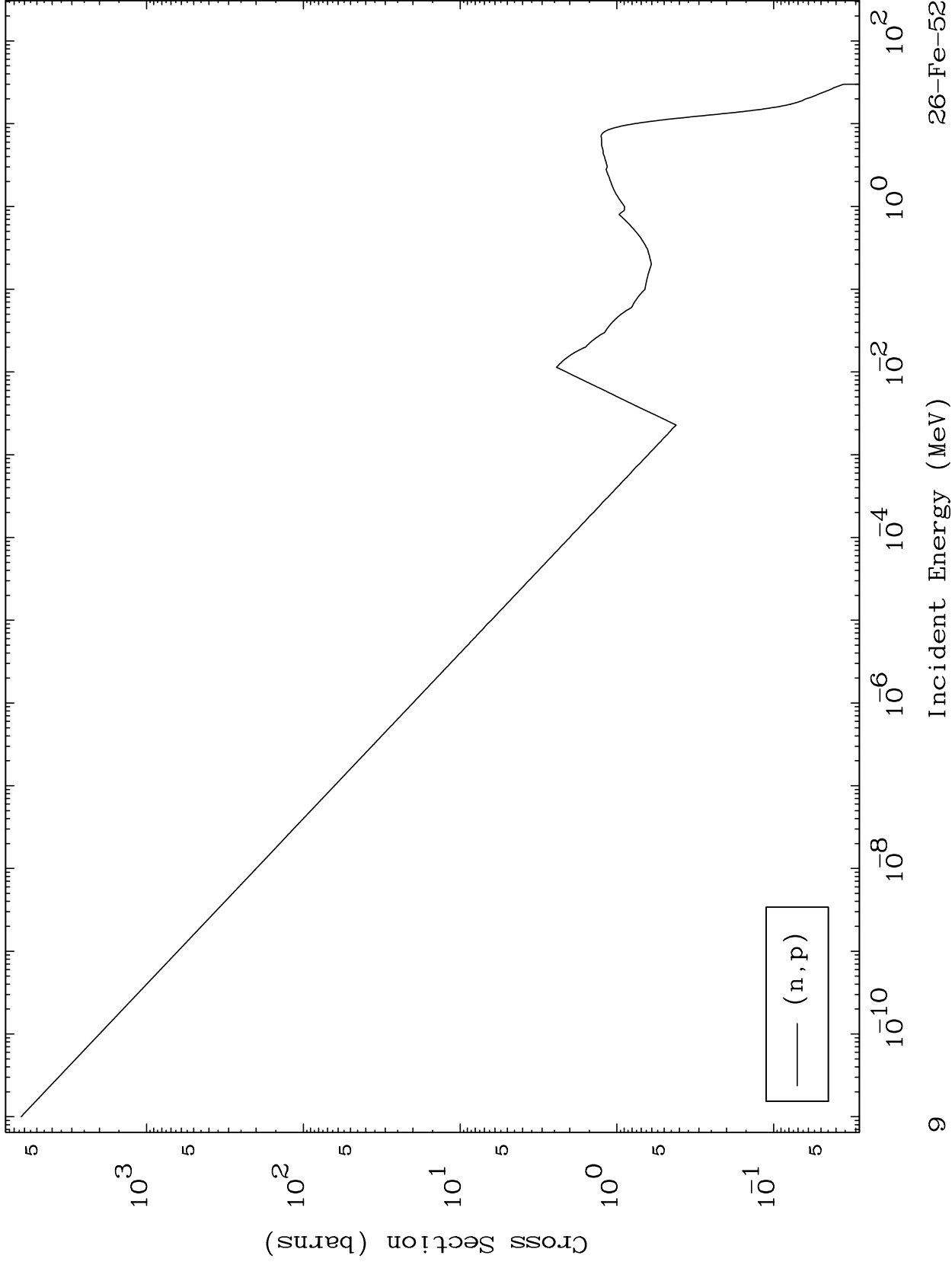
26-Fe-52



MAT 2619

(n,p) Levels  
293 Kelvin Cross Sections

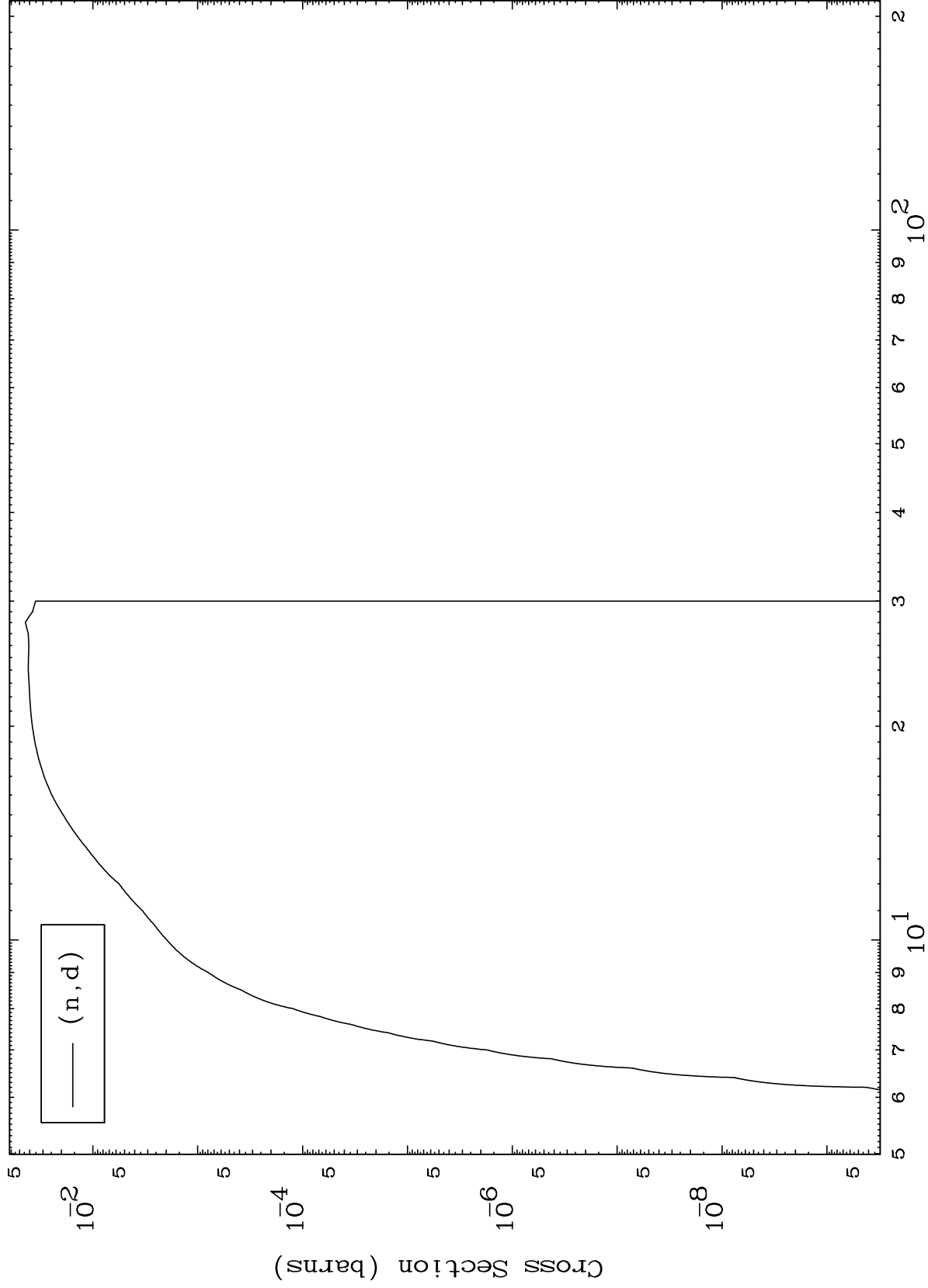
26-Fe-52



MAT 2619

(n,d) Levels  
293 Kelvin Cross Sections

26-Fe-52



10

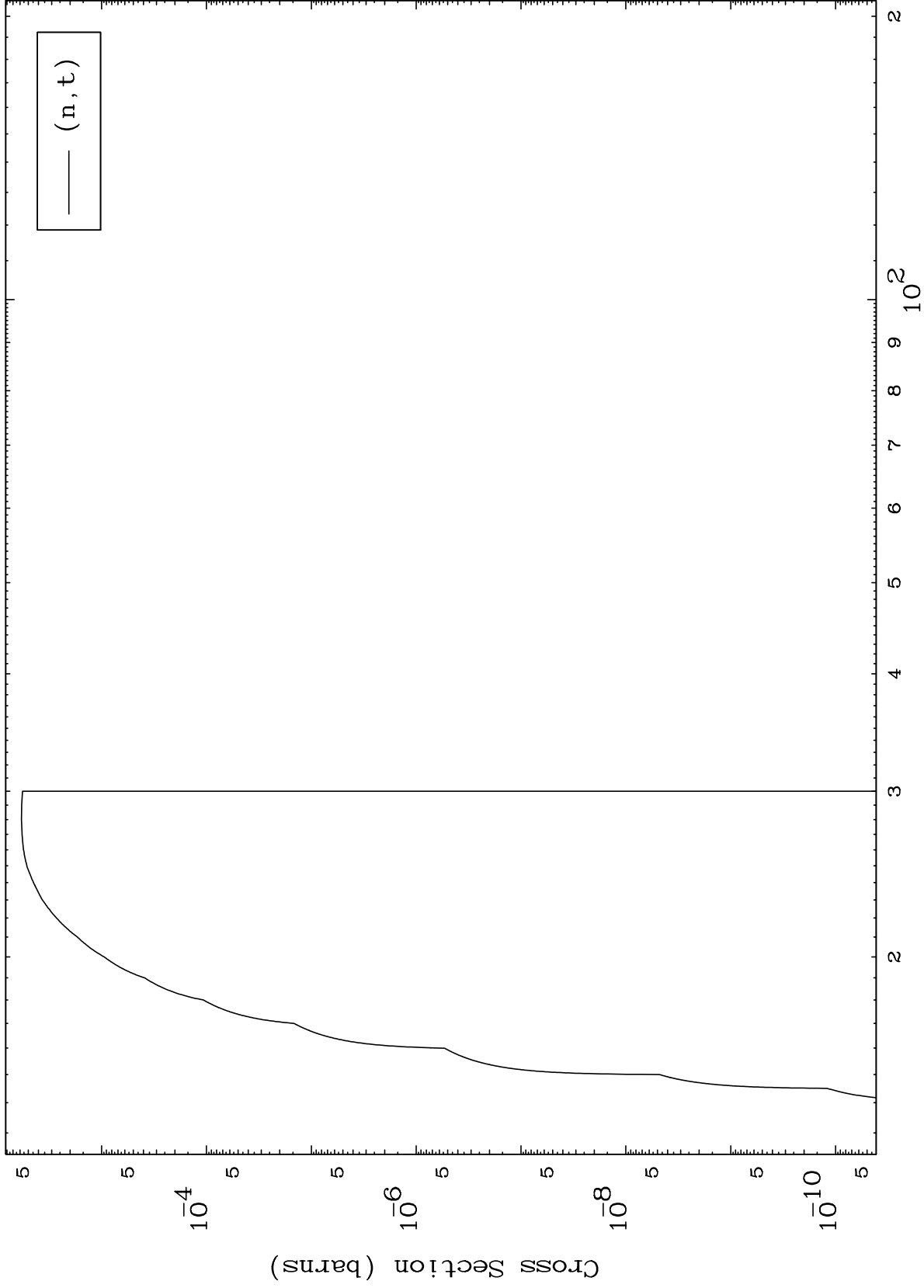
Incident Energy (MeV)

26-Fe-52

MAT 2619

(n,t) Levels  
293 Kelvin Cross Sections

26-Fe-52



11

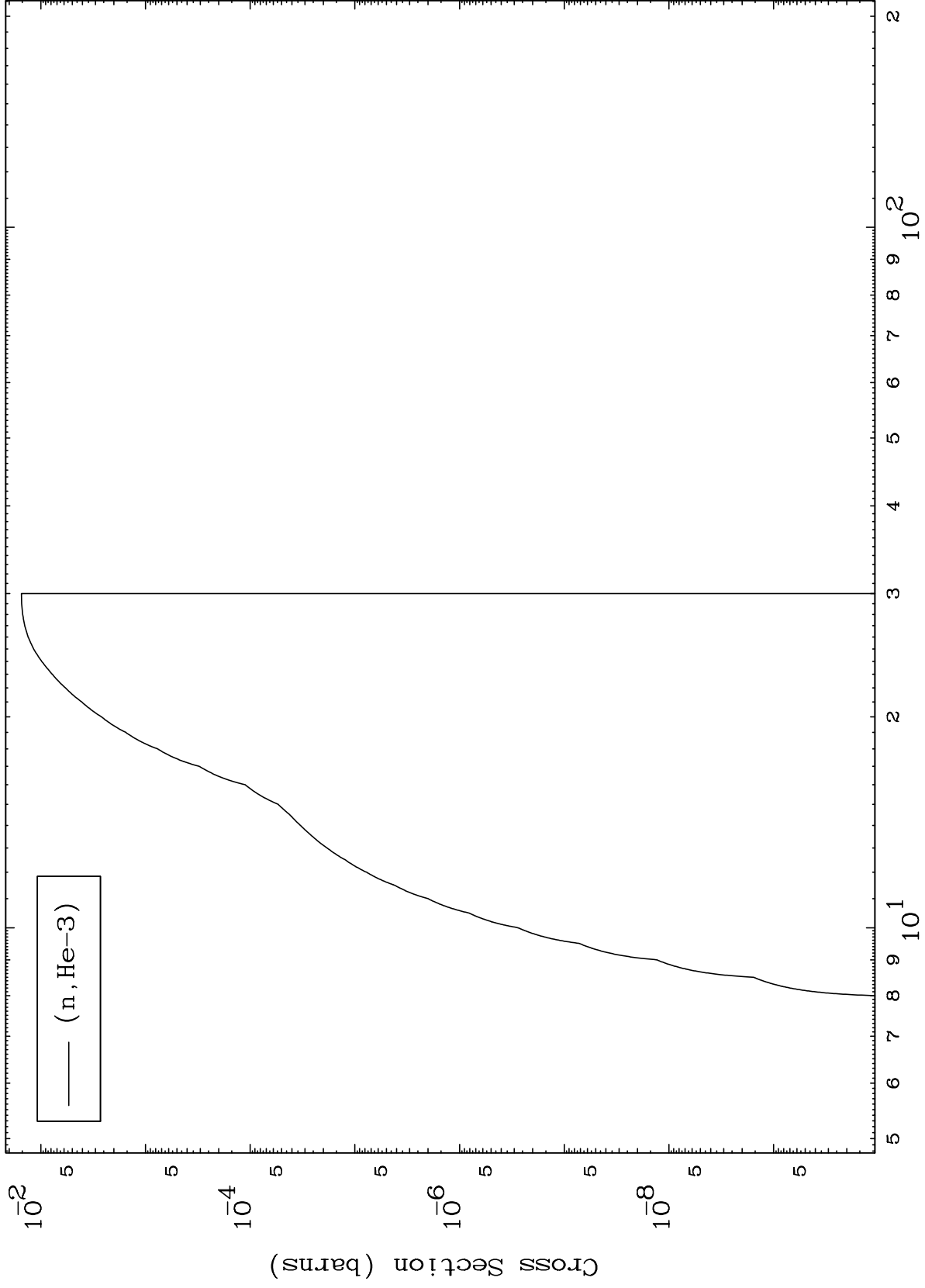
Incident Energy (MeV)

26-Fe-52

MAT 2619

(n,He3) Levels  
293 Kelvin Cross Sections

26-Fe-52



12

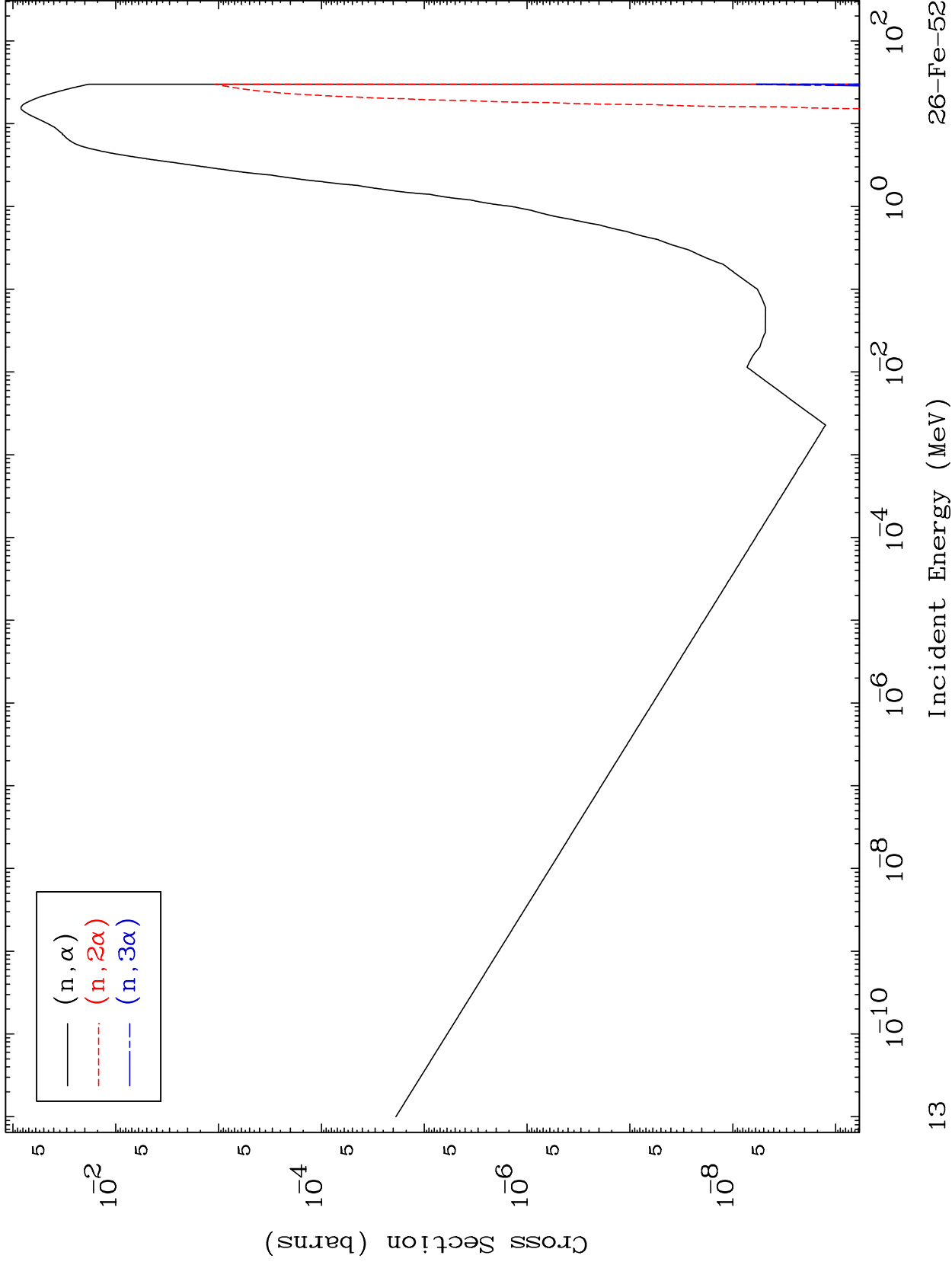
Incident Energy (MeV)

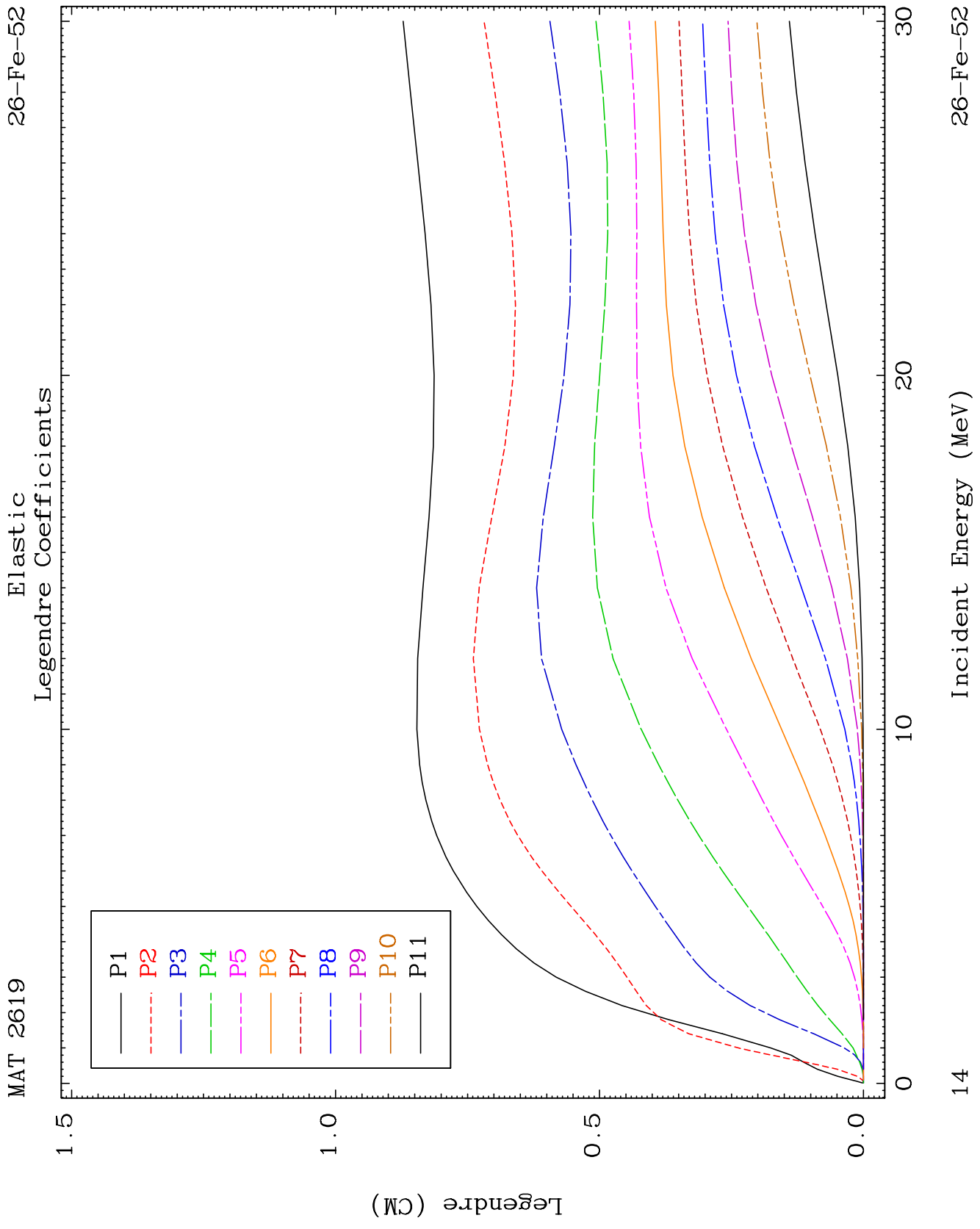
26-Fe-52

MAT 2619

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

26-Fe-52



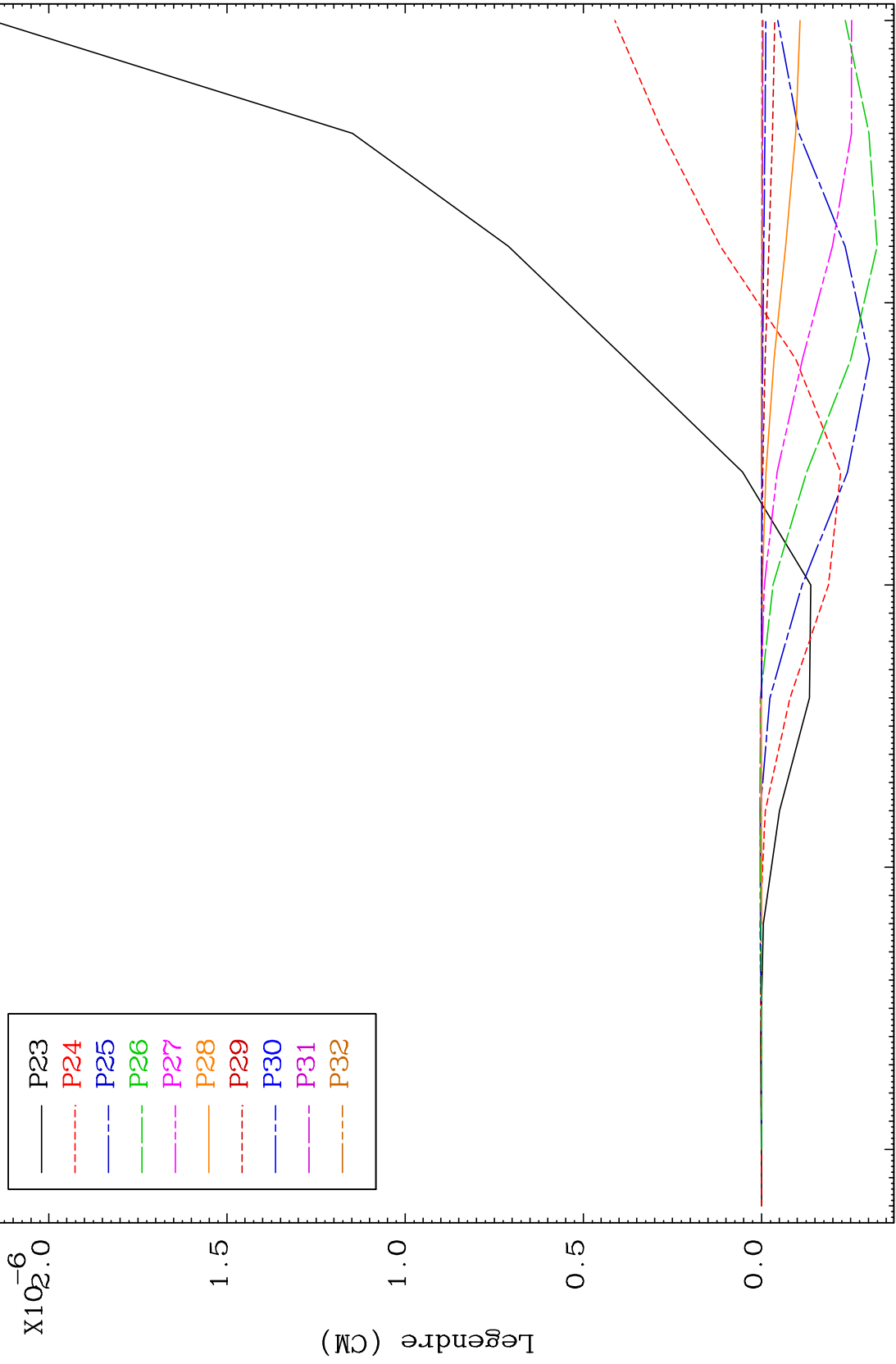
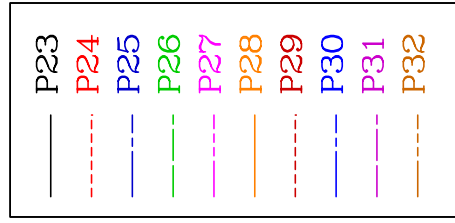




MAT 2619

Elastic Legendre Coefficients

26-Fe-52



16

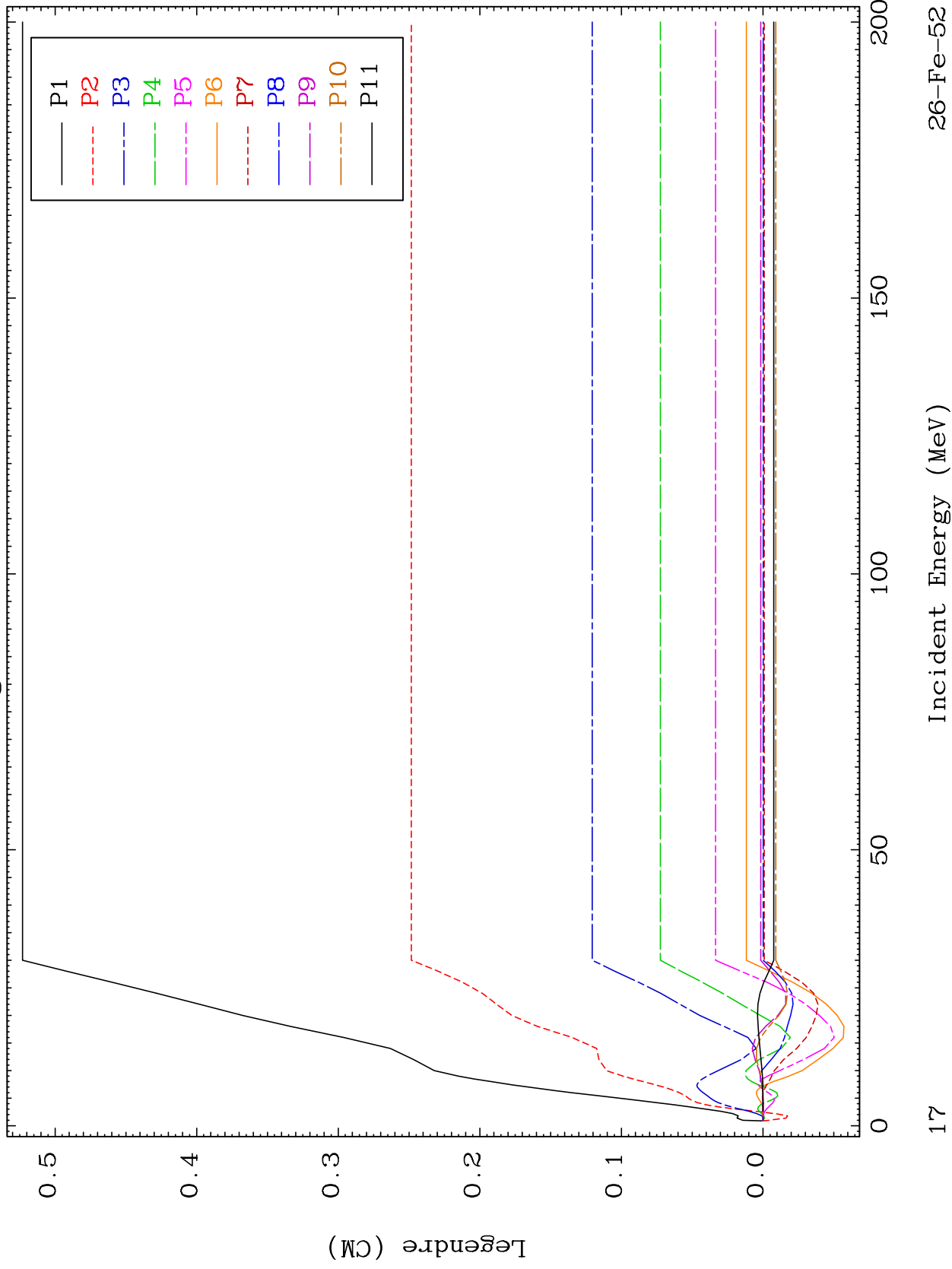
Incident Energy (MeV)

26-Fe-52

MAT 2619

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

26-Fe-52



26-Fe-52

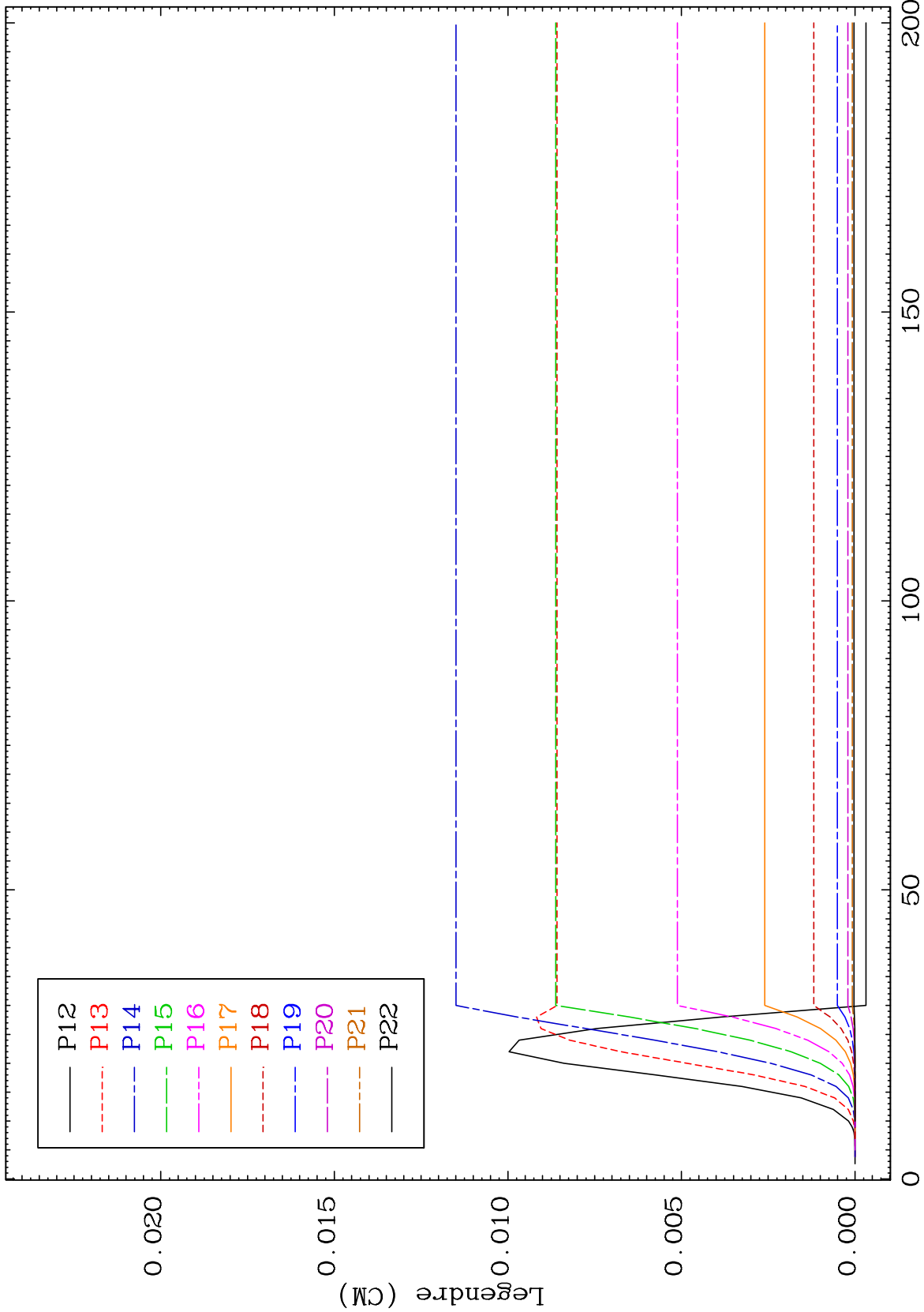
Incident Energy (MeV)

17

MAT 2619

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

26-Fe-52



18

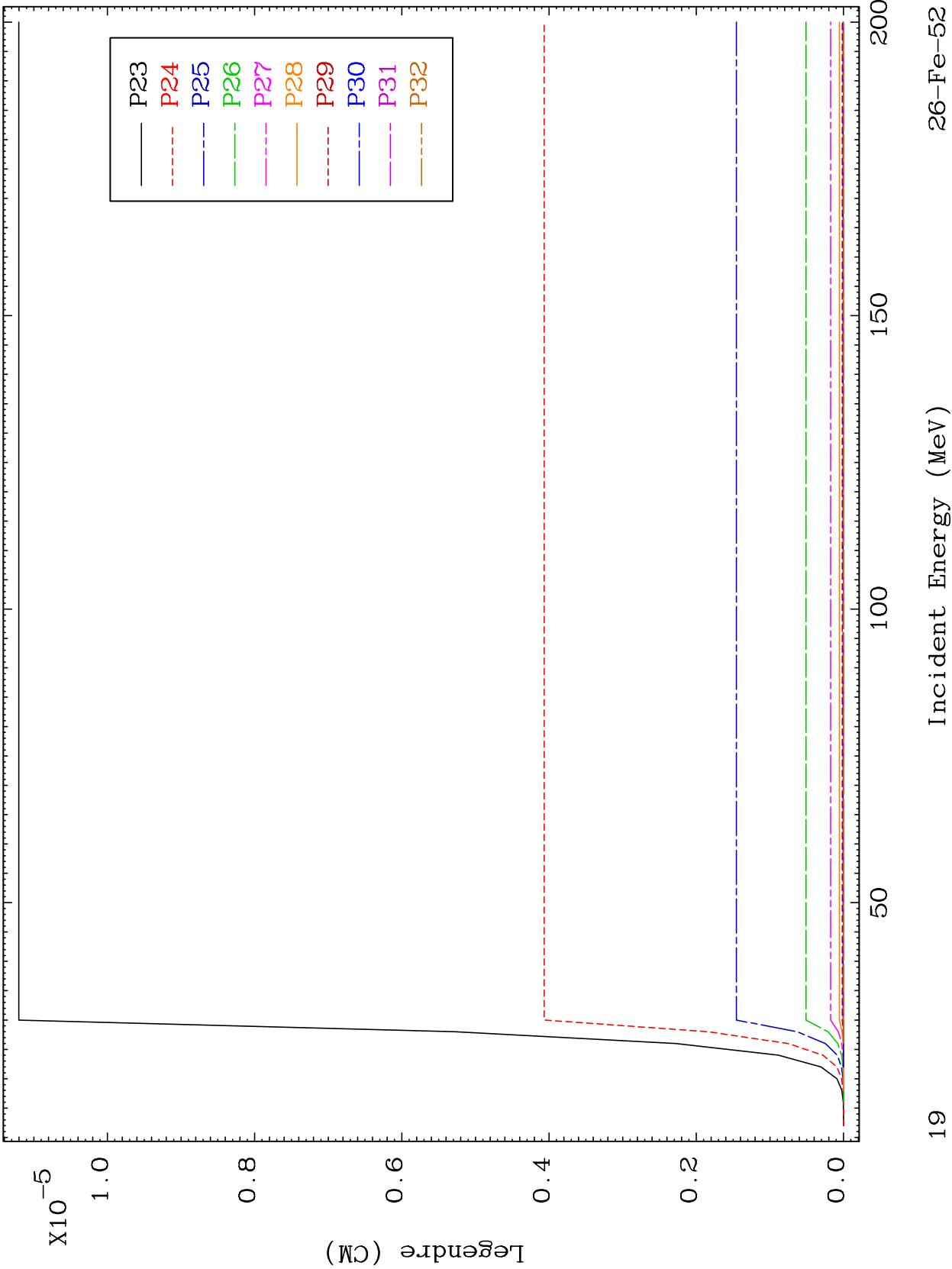
Incident Energy (MeV)

26-Fe-52

MAT 2619

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

26-Fe-52



19

Incident Energy (MeV)

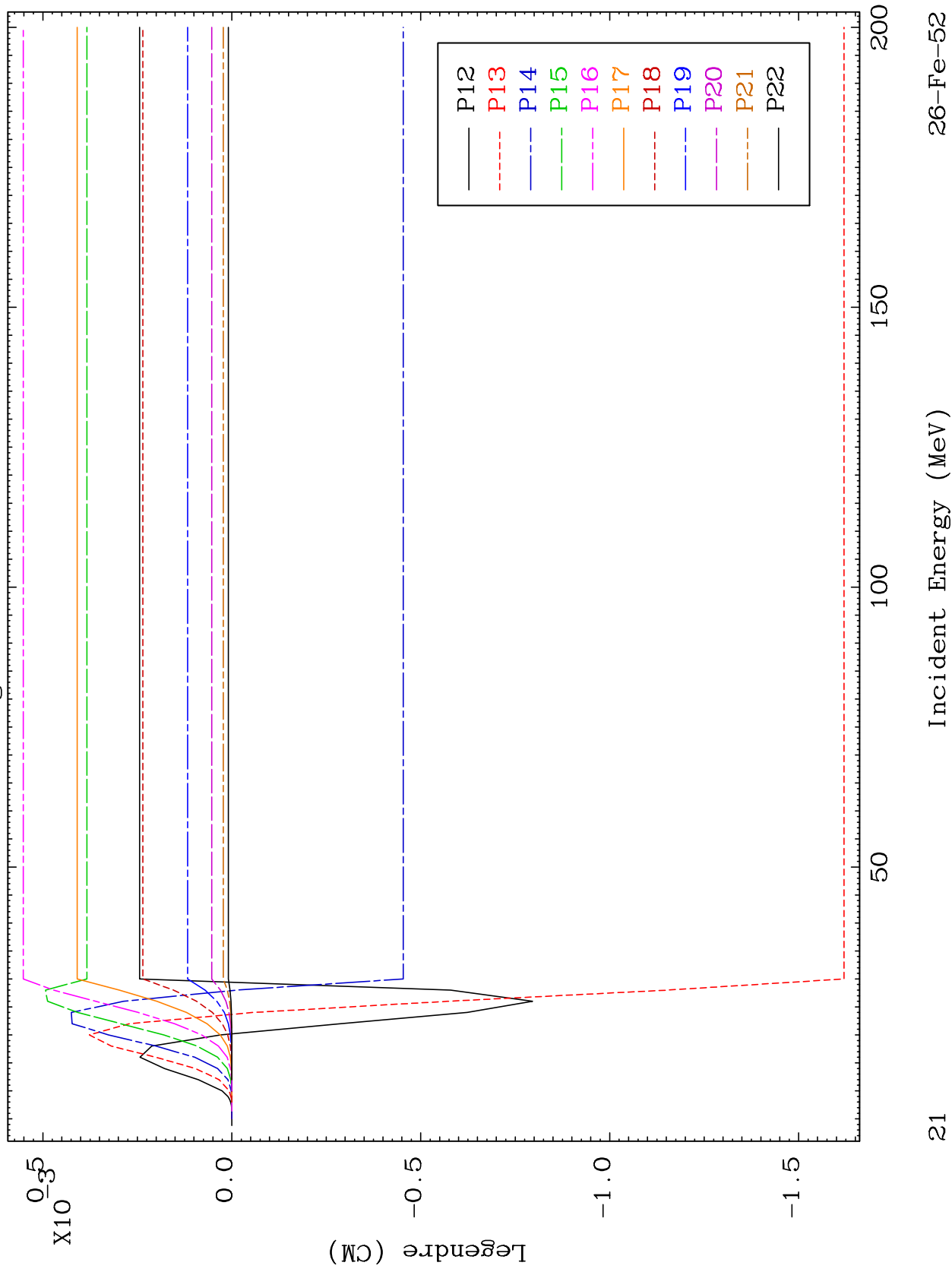
26-Fe-52



MAT 2619

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

26-Fe-52



21

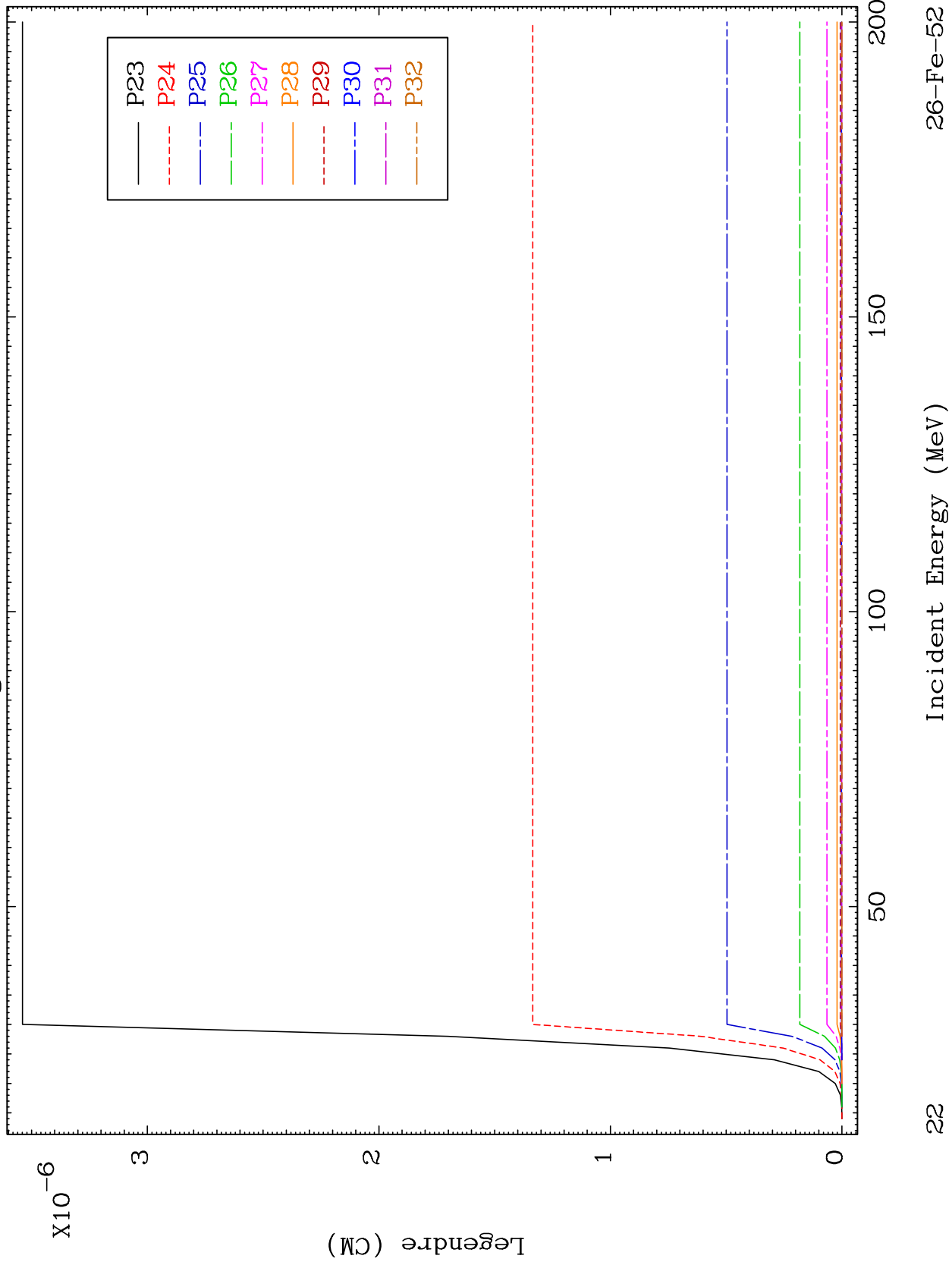
Incident Energy (MeV)

26-Fe-52

MAT 2619

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

26-Fe-52



22

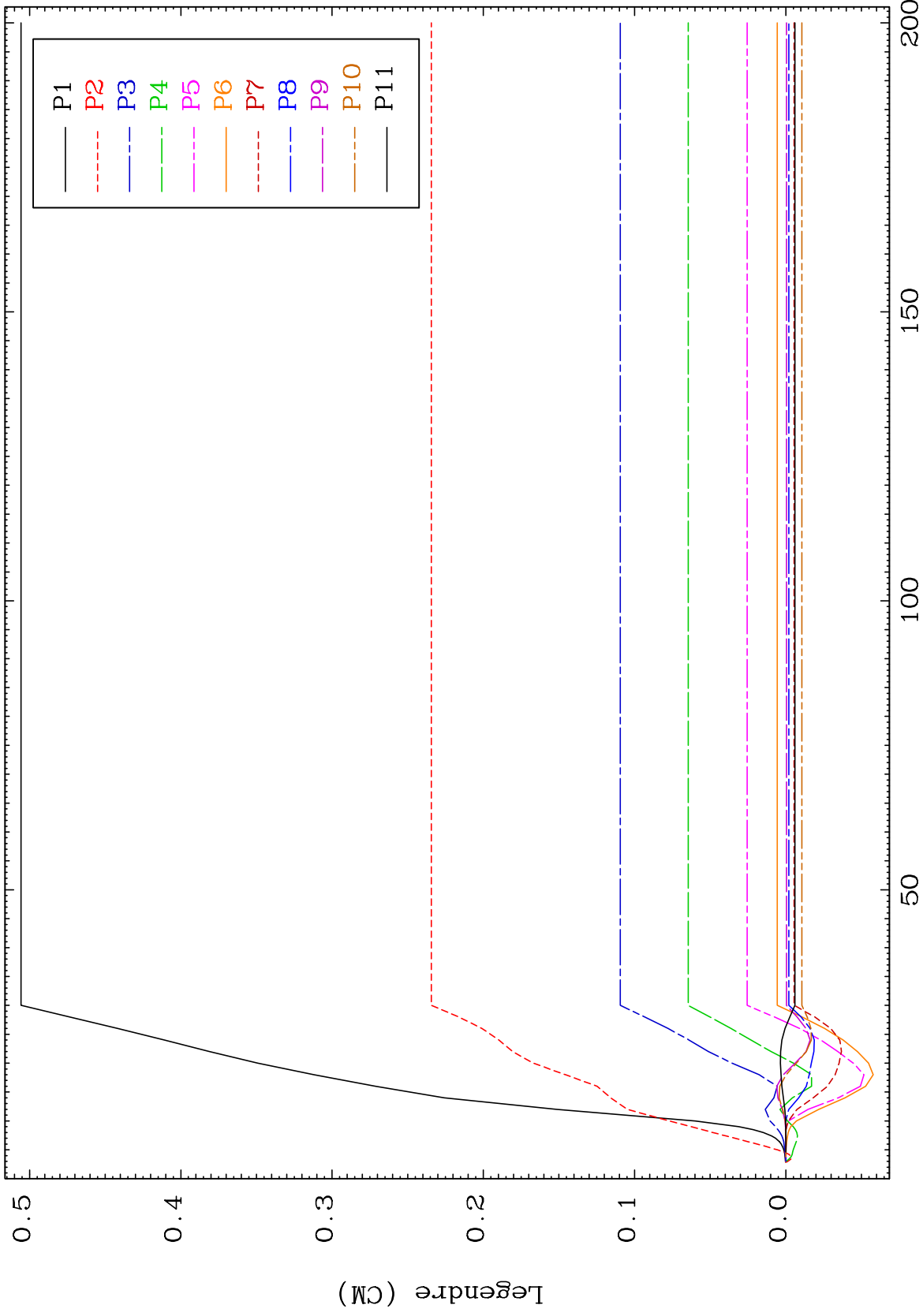
Incident Energy (MeV)

26-Fe-52

MAT 2619

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

26-Fe-52



23

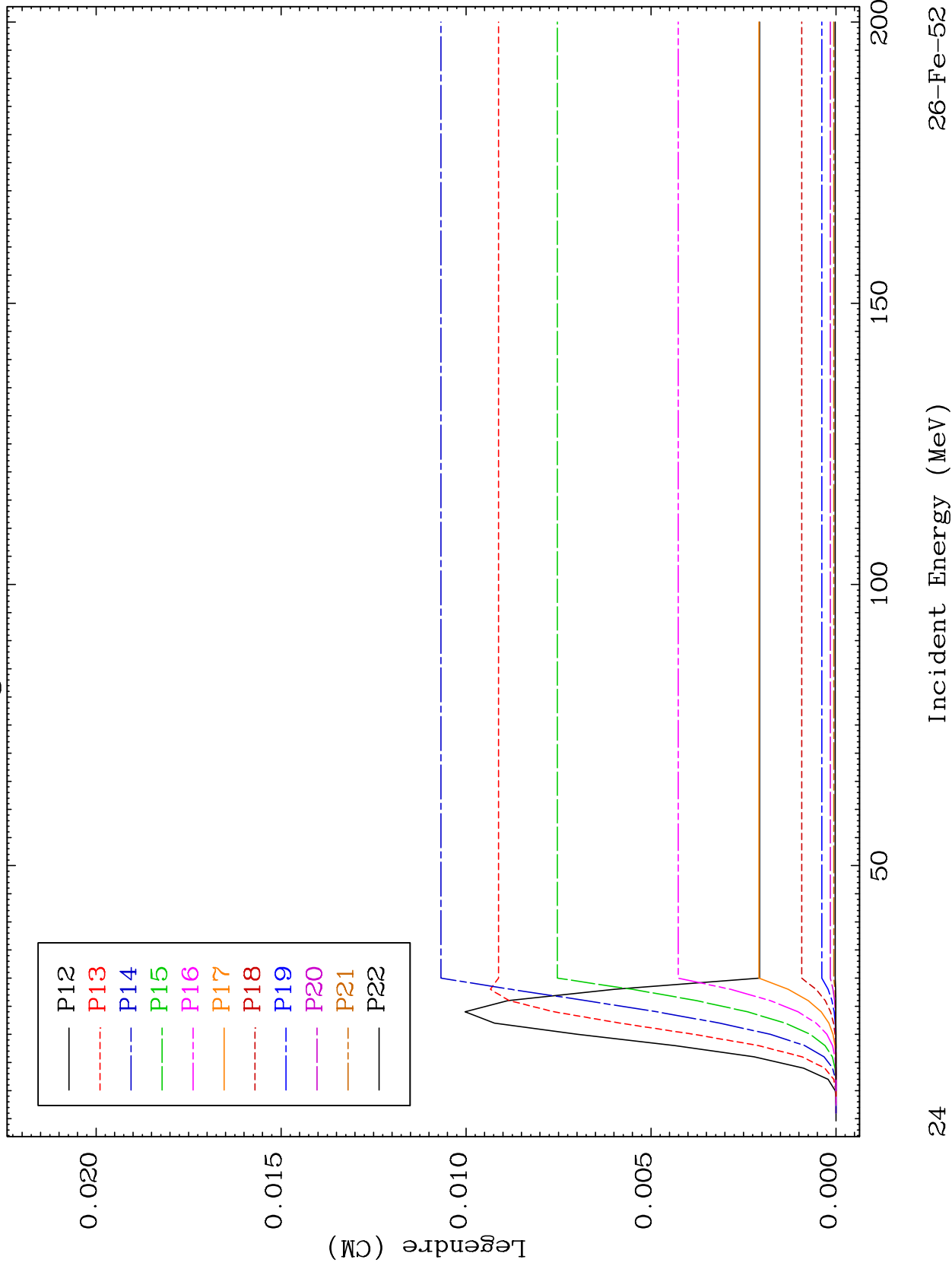
Incident Energy (MeV)

26-Fe-52

MAT 2619

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

26-Fe-52



24

Incident Energy (MeV)

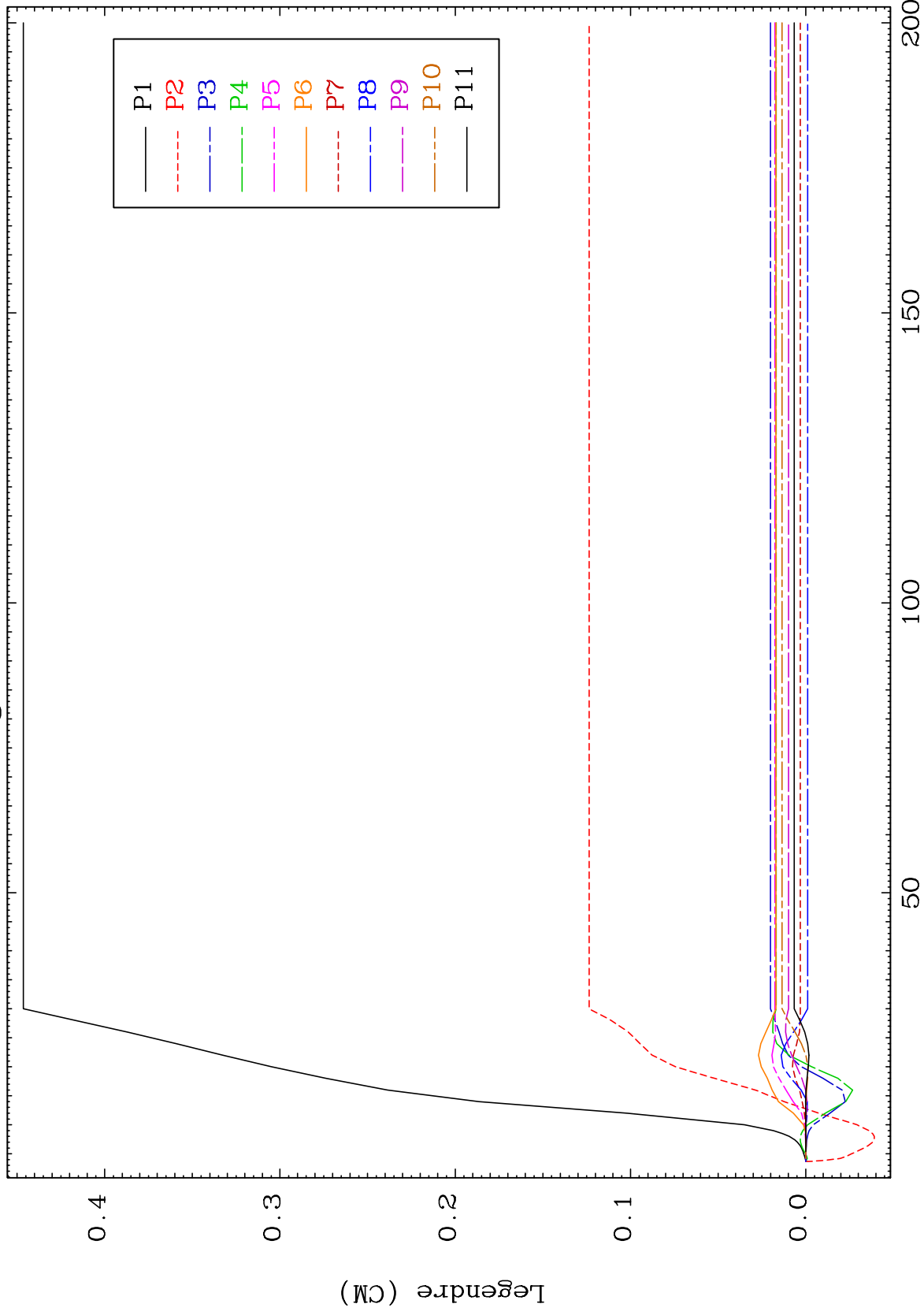
26-Fe-52



MAT 2619

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

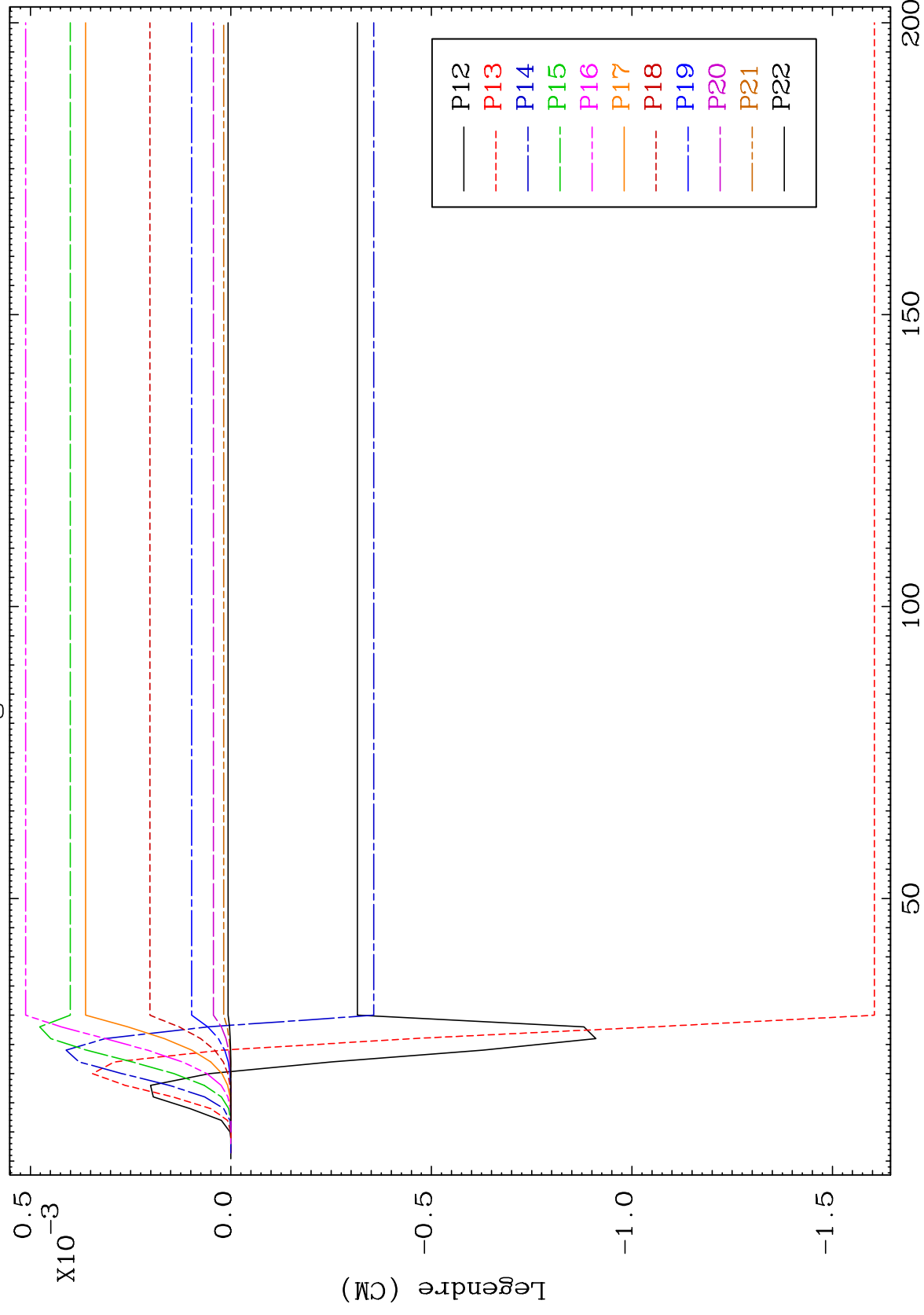
26-Fe-52



26

Incident Energy (MeV)

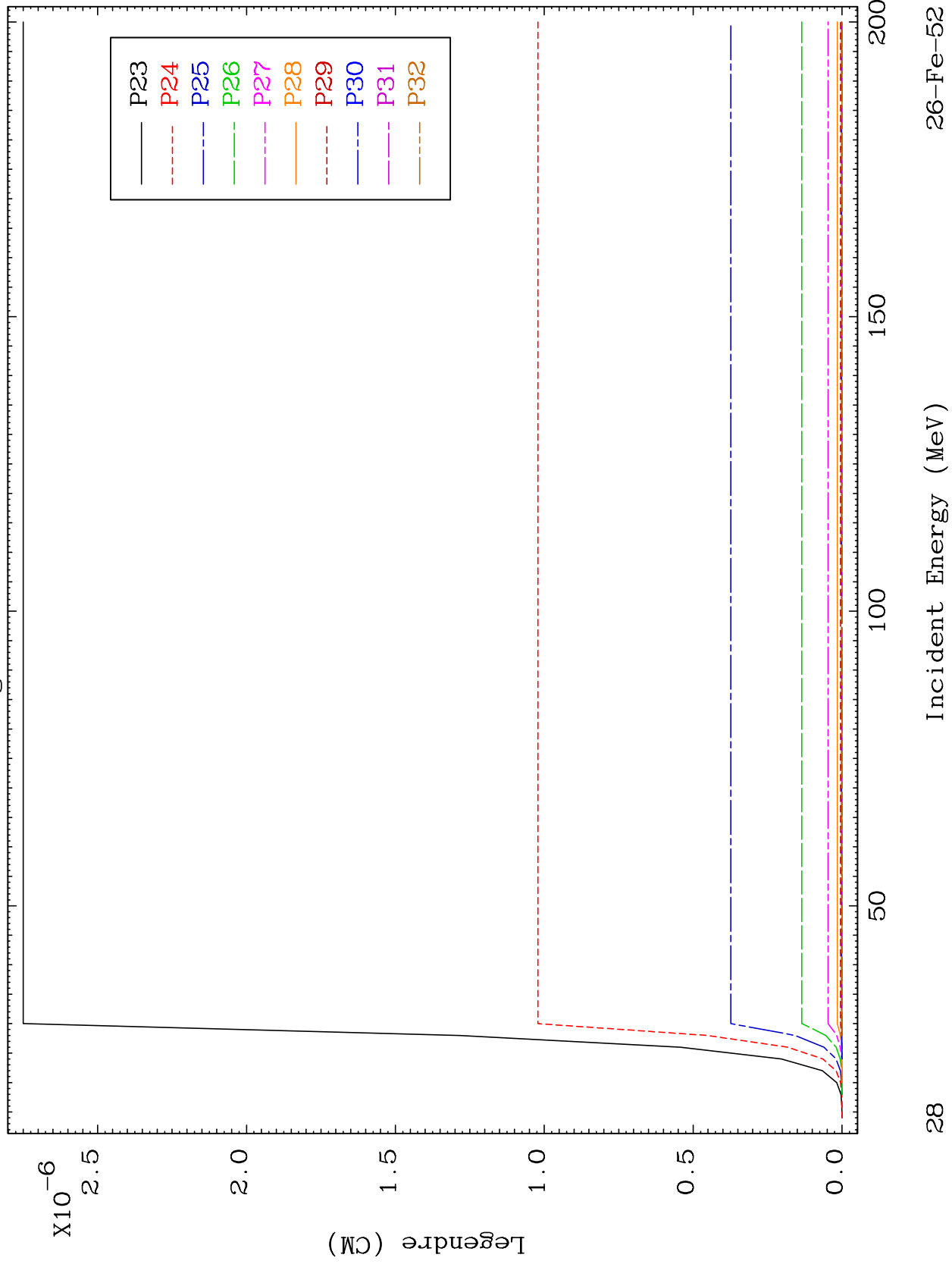
26-Fe-52



MAT 2619

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

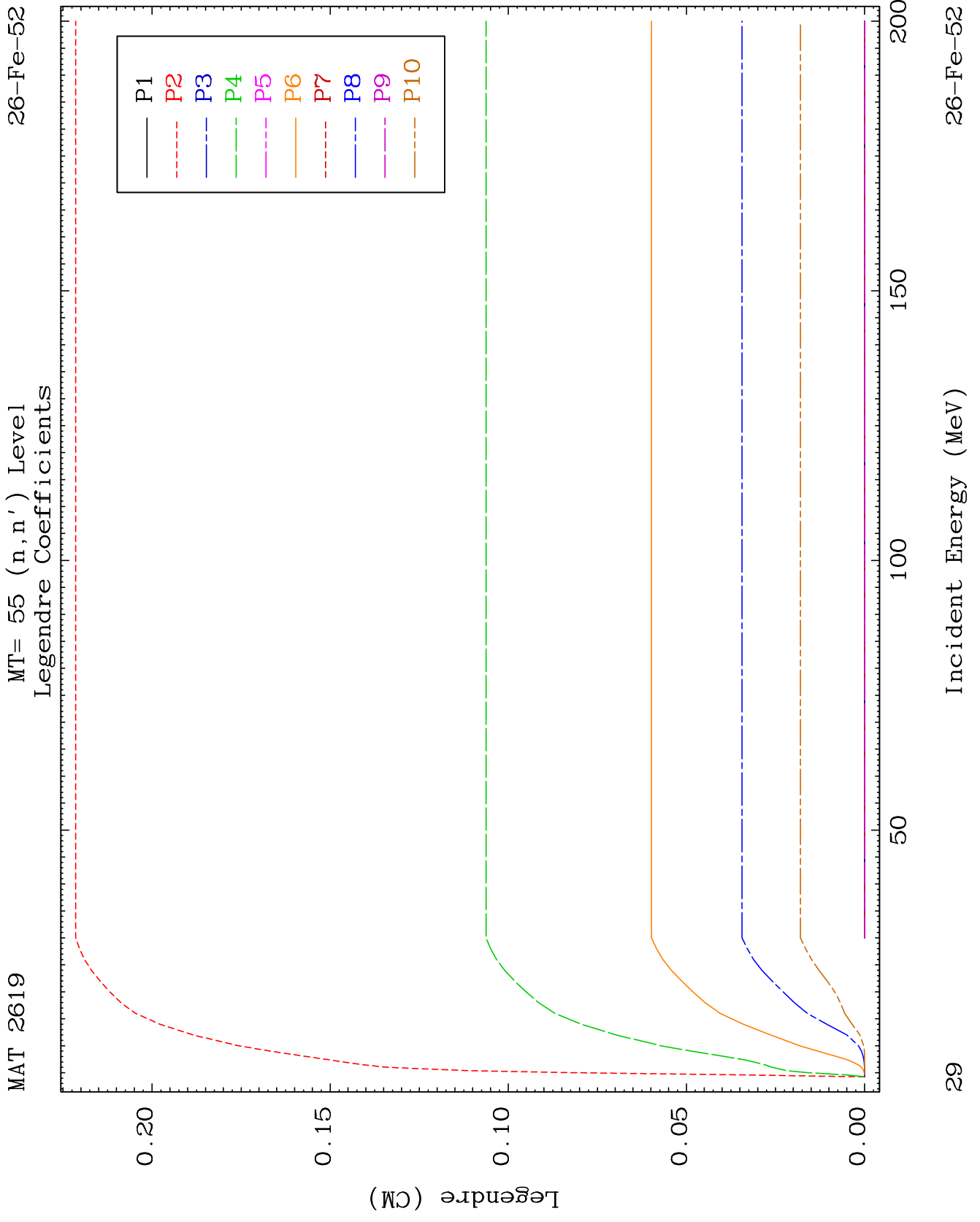
26-Fe-52



28

Incident Energy (MeV)

26-Fe-52



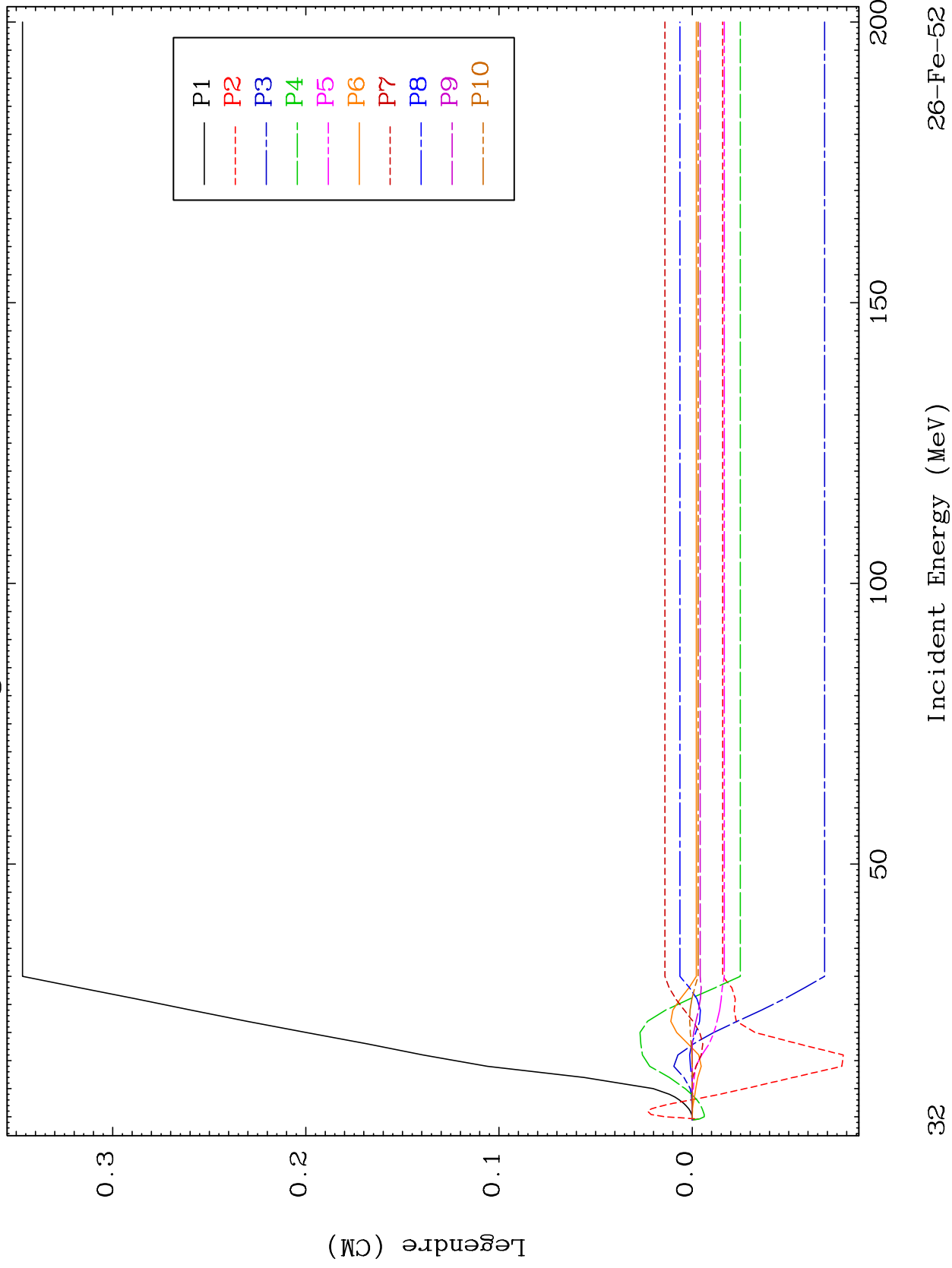




MAT 2619

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

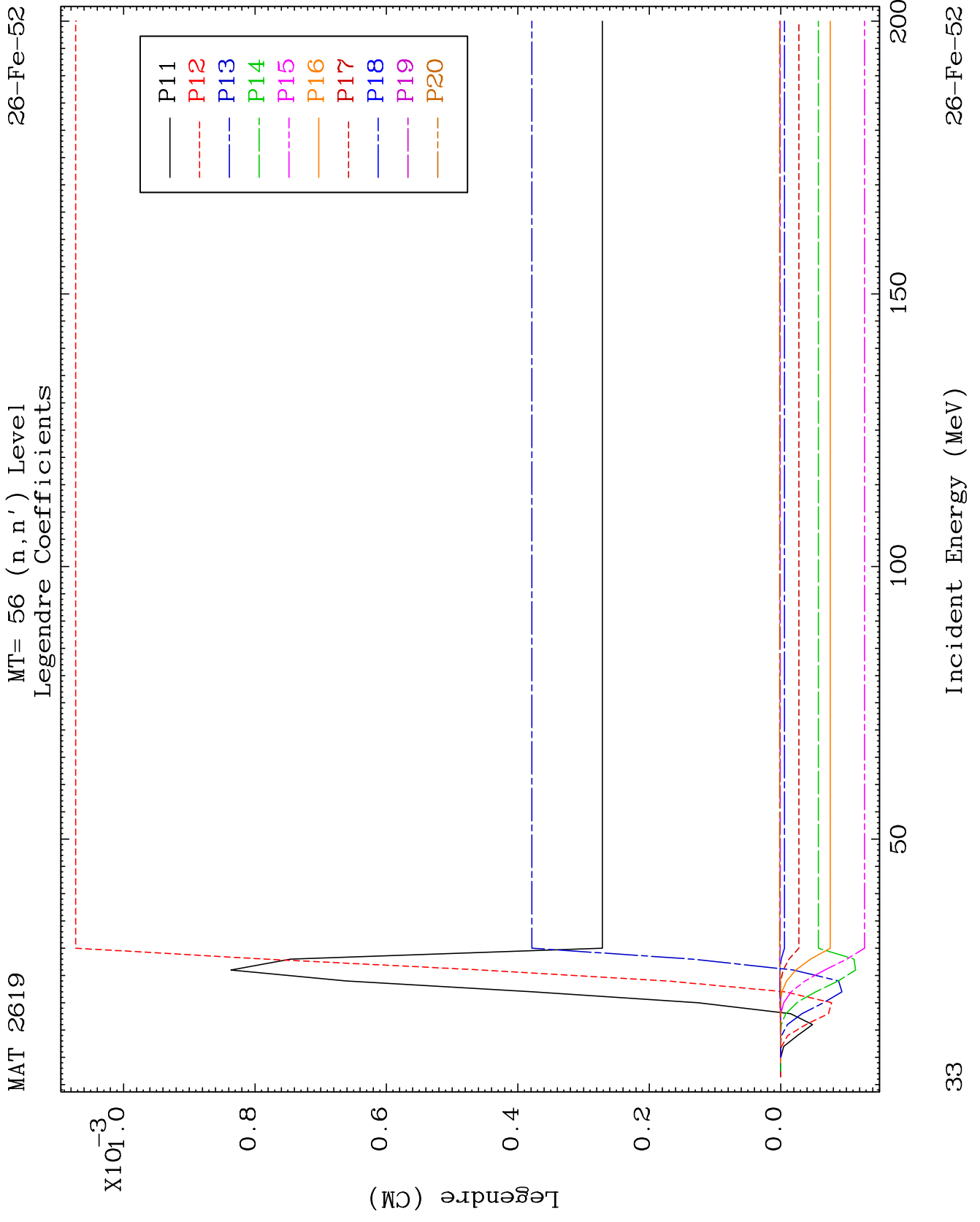
26-Fe-52



32

Incident Energy (MeV)

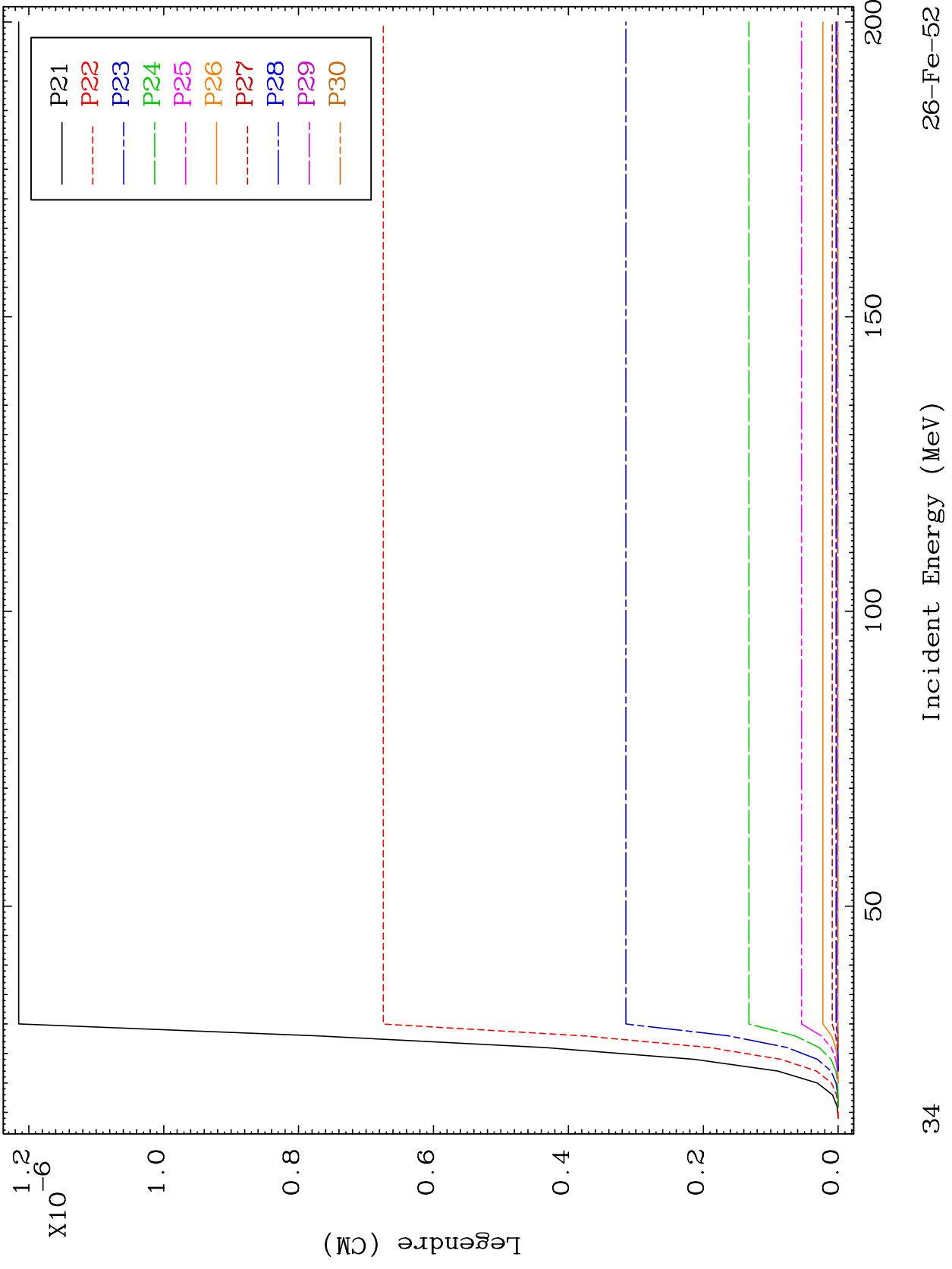
26-Fe-52



MAT 2619

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

26-Fe-52



26-Fe-52

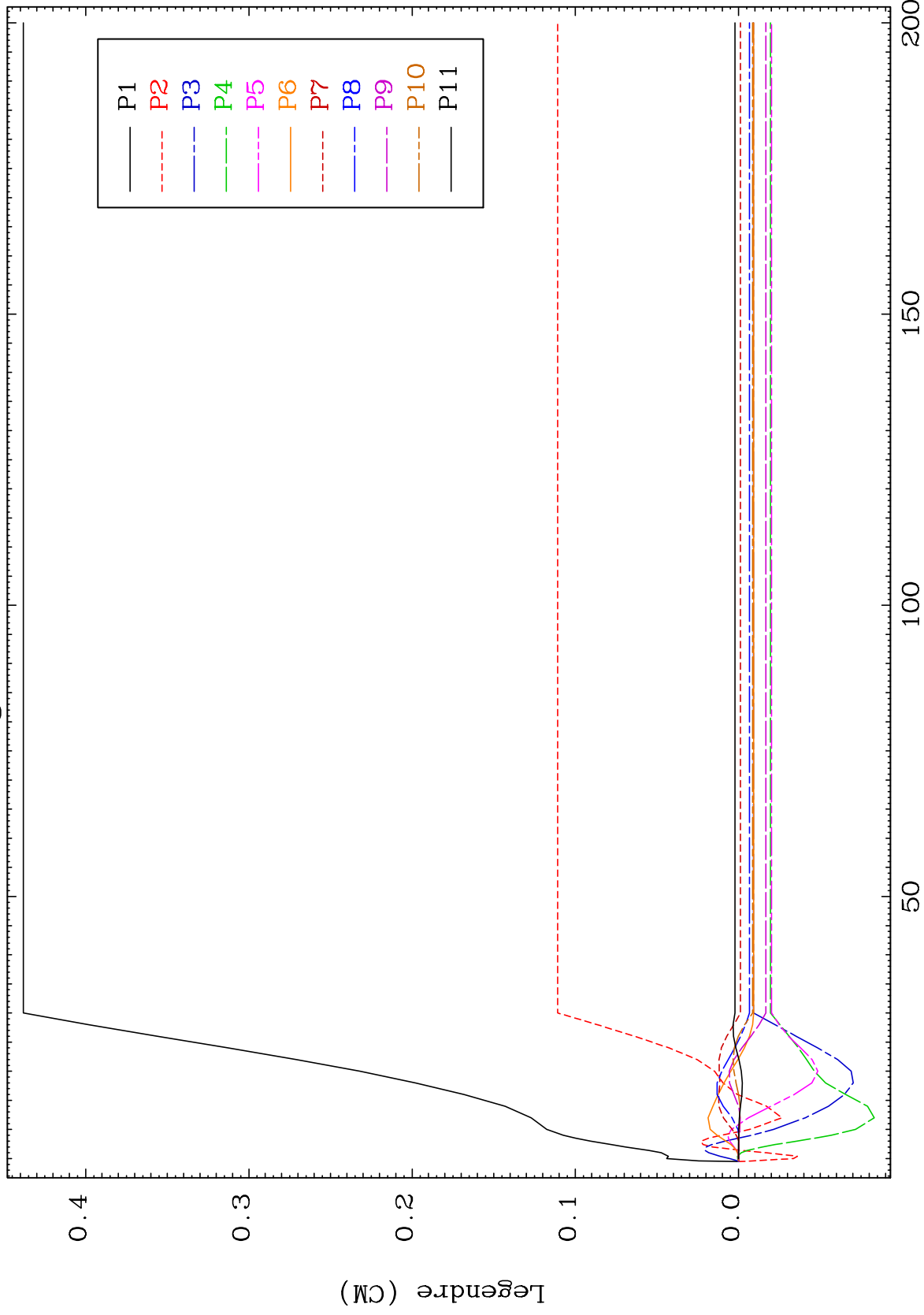
Incident Energy (MeV)

34

MAT 2619

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

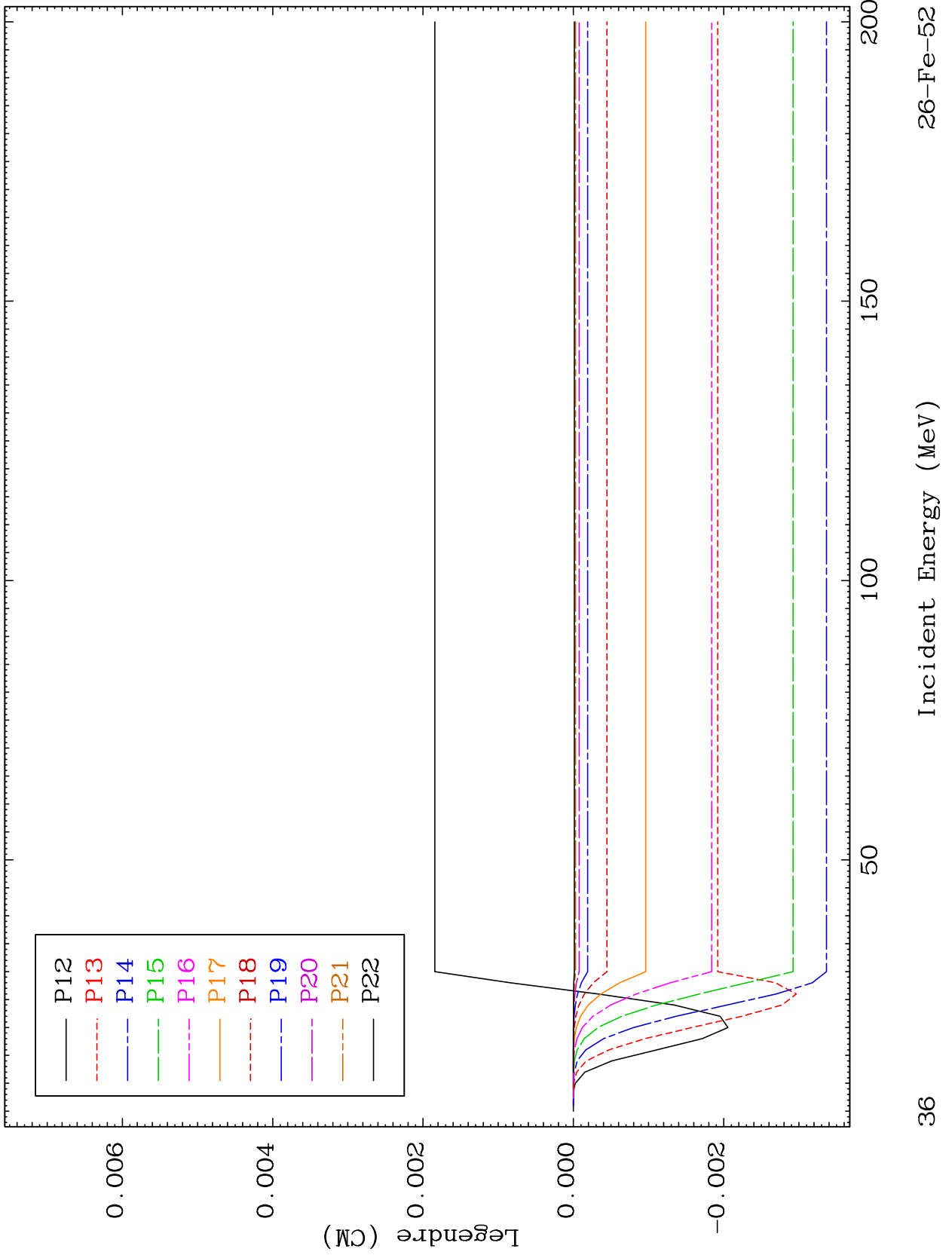
26-Fe-52

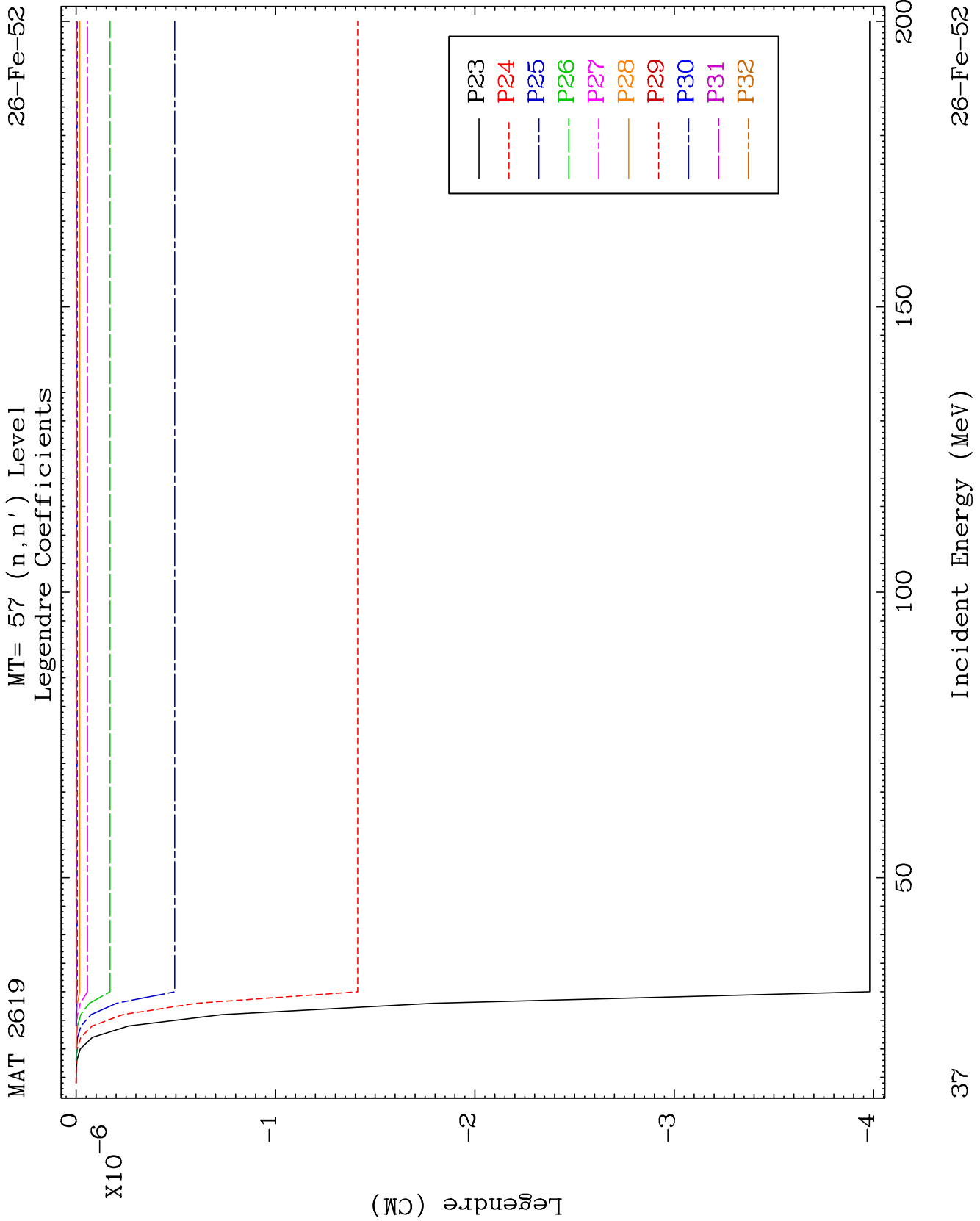


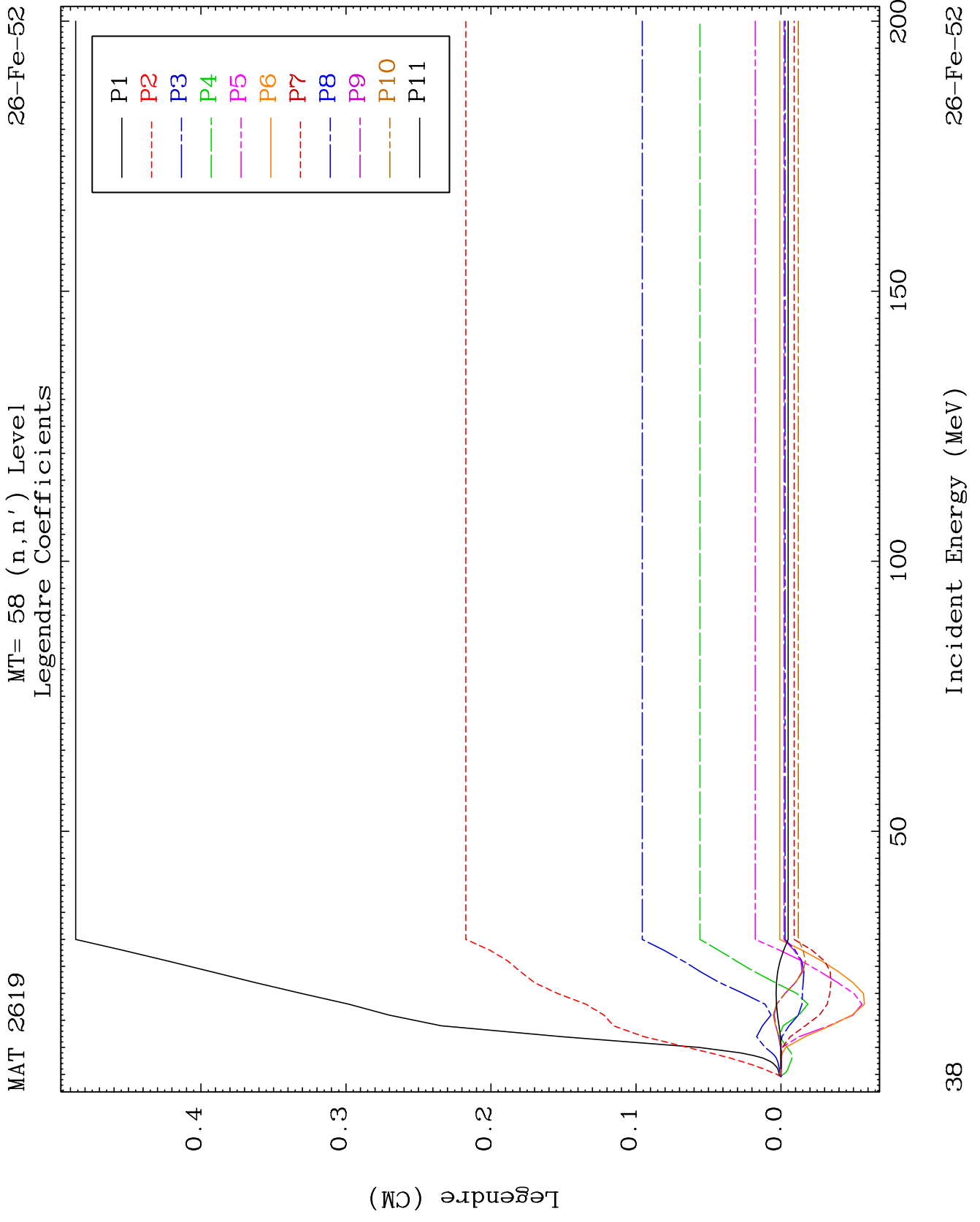
35

Incident Energy (MeV)

26-Fe-52



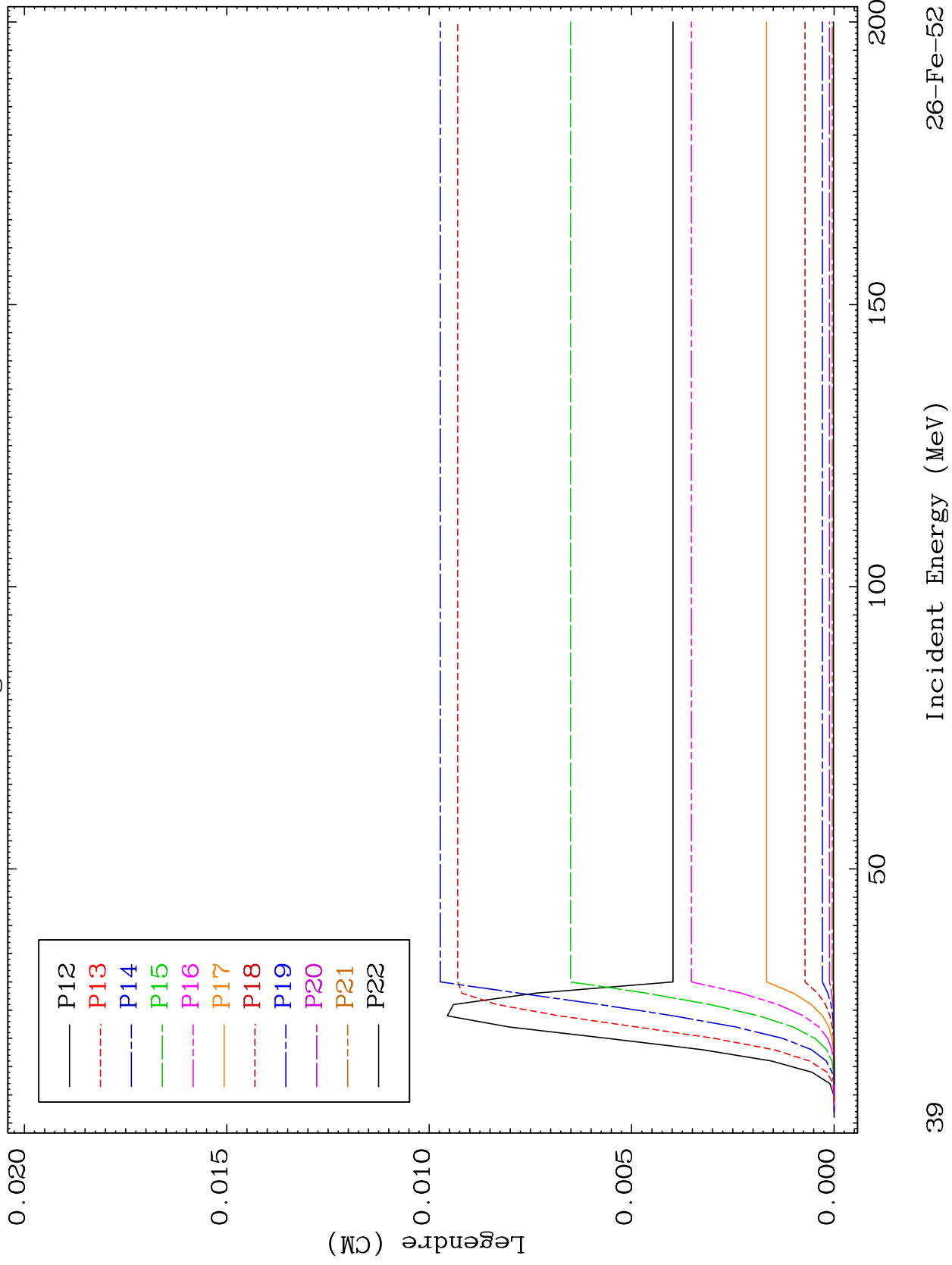




MAT 2619

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

26-Fe-52



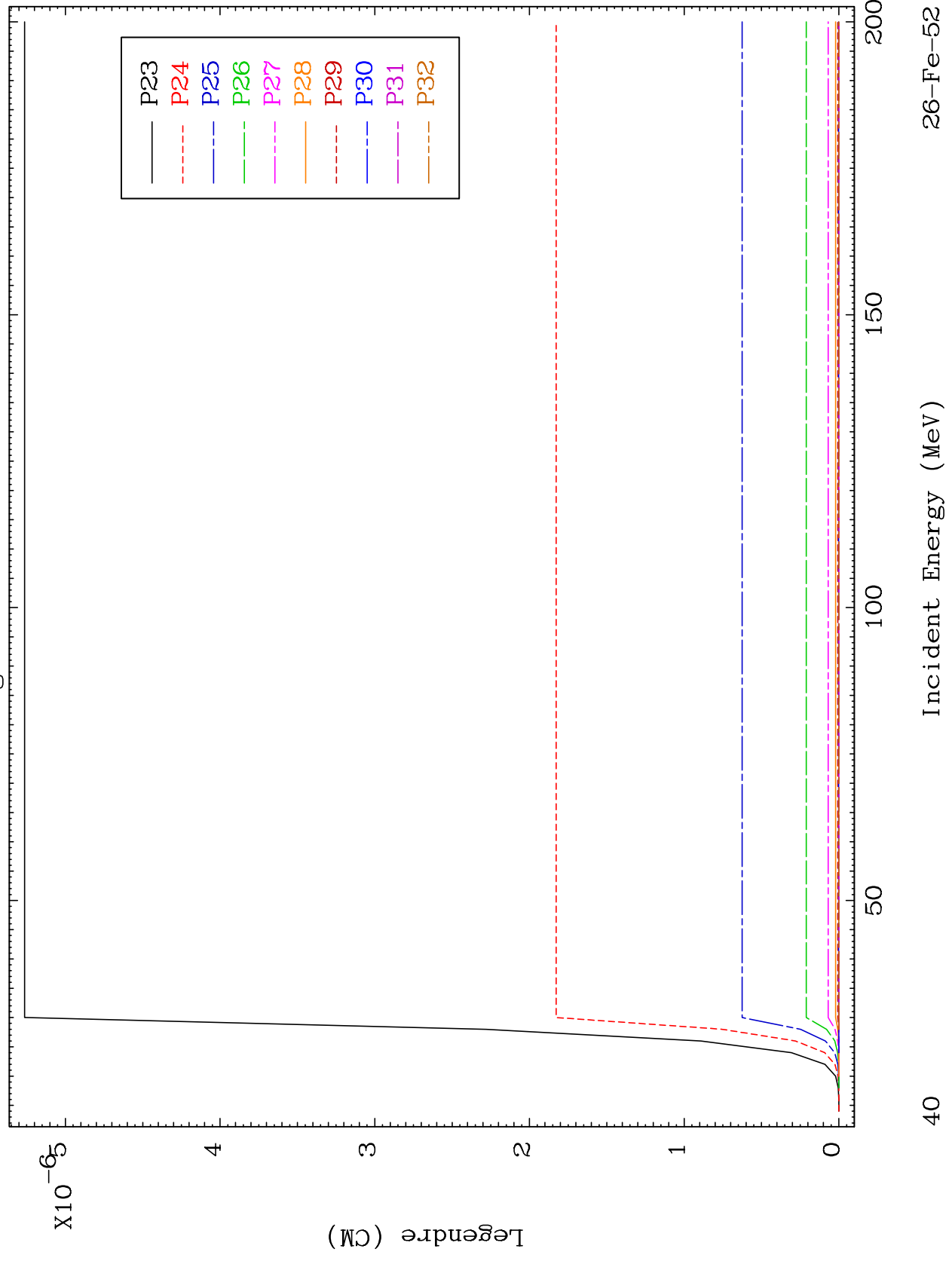
39

26-Fe-52

MAT 2619

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

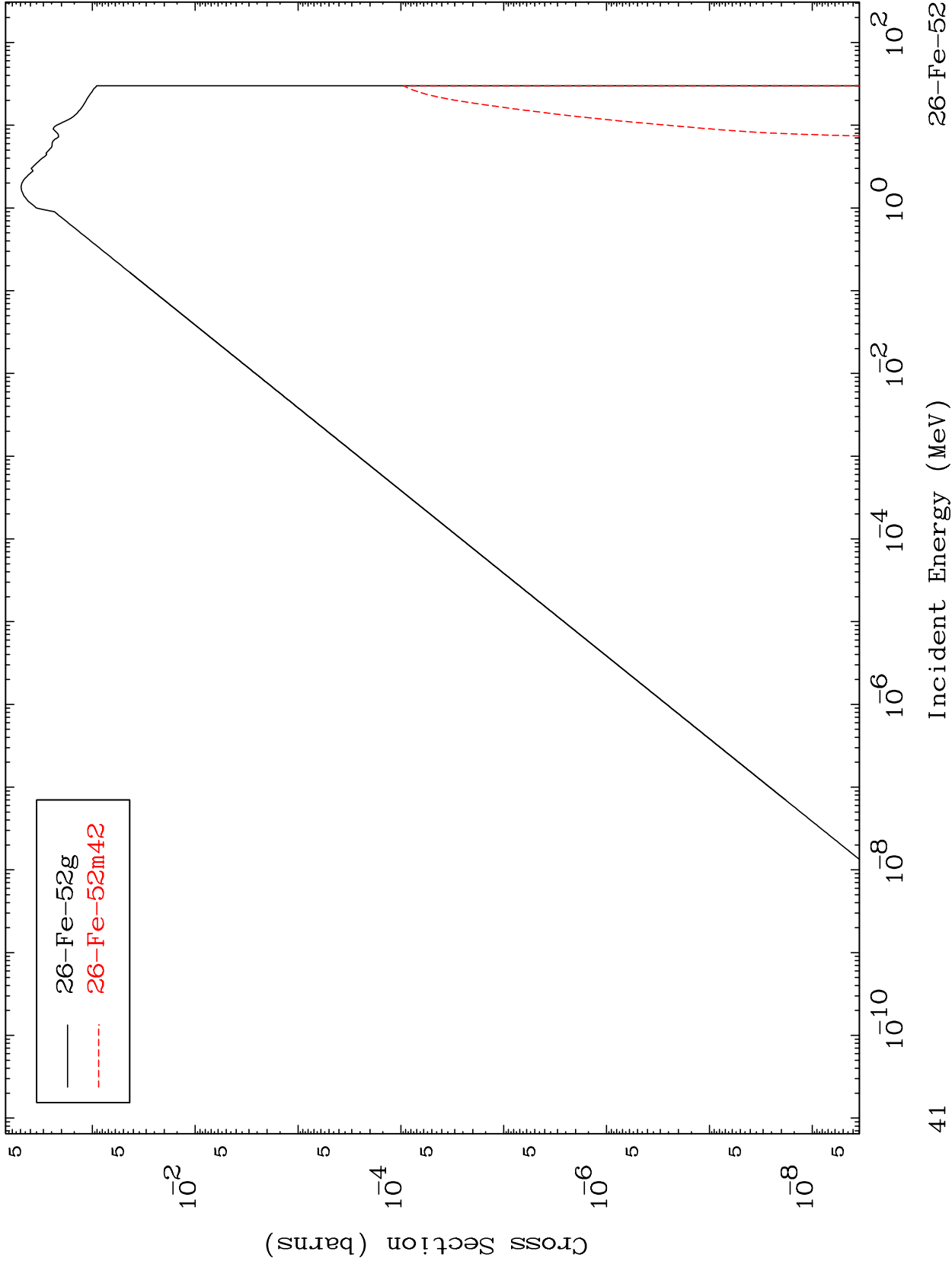
26-Fe-52



MAT 2619

Inelastic  
Radionuclide Production Cross Section

<sup>26</sup>Fe-52

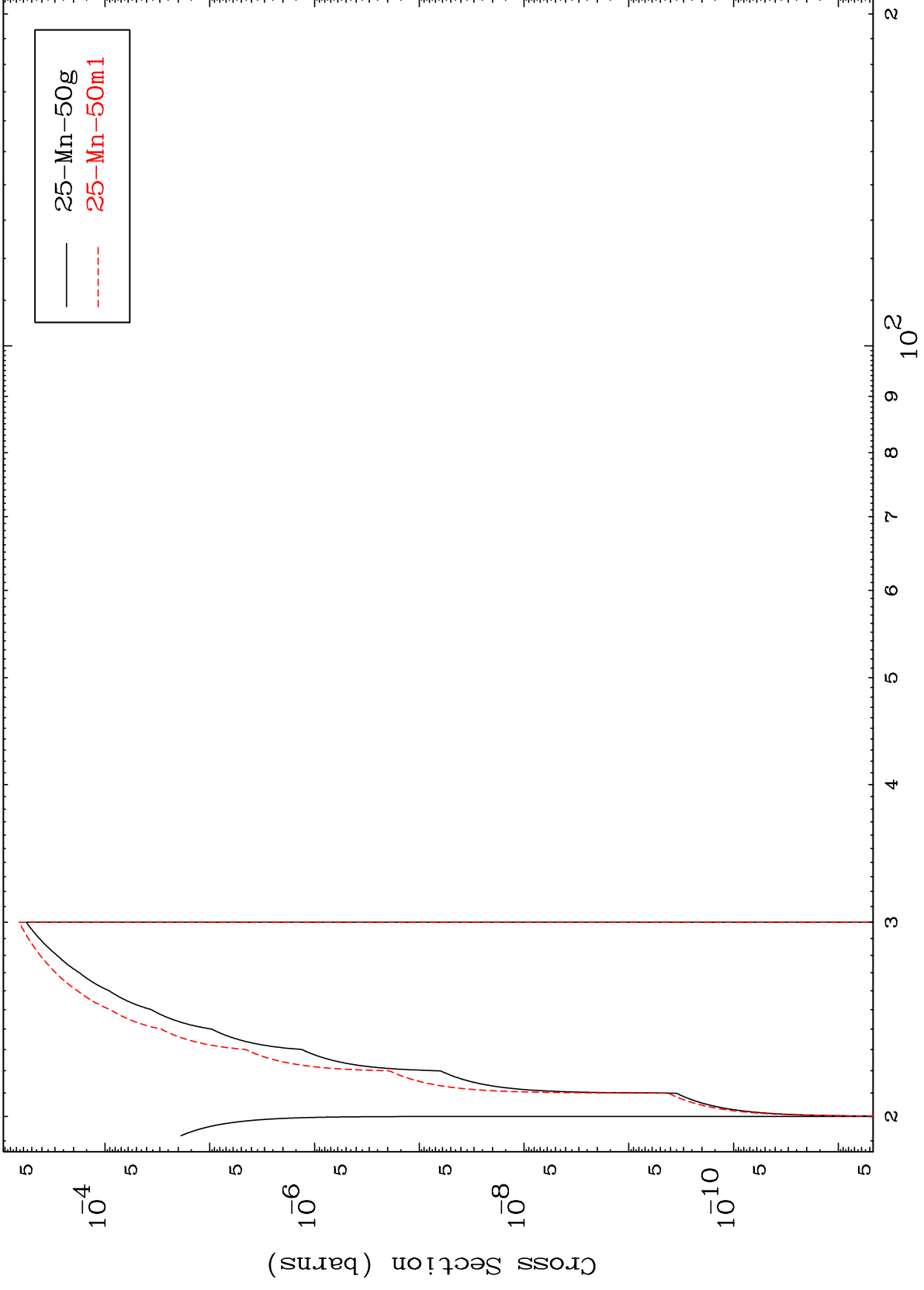


MAT 2619

(n,n') d

26-Fe-52

Radionuclide Production Cross Section



42

Incident Energy (MeV)

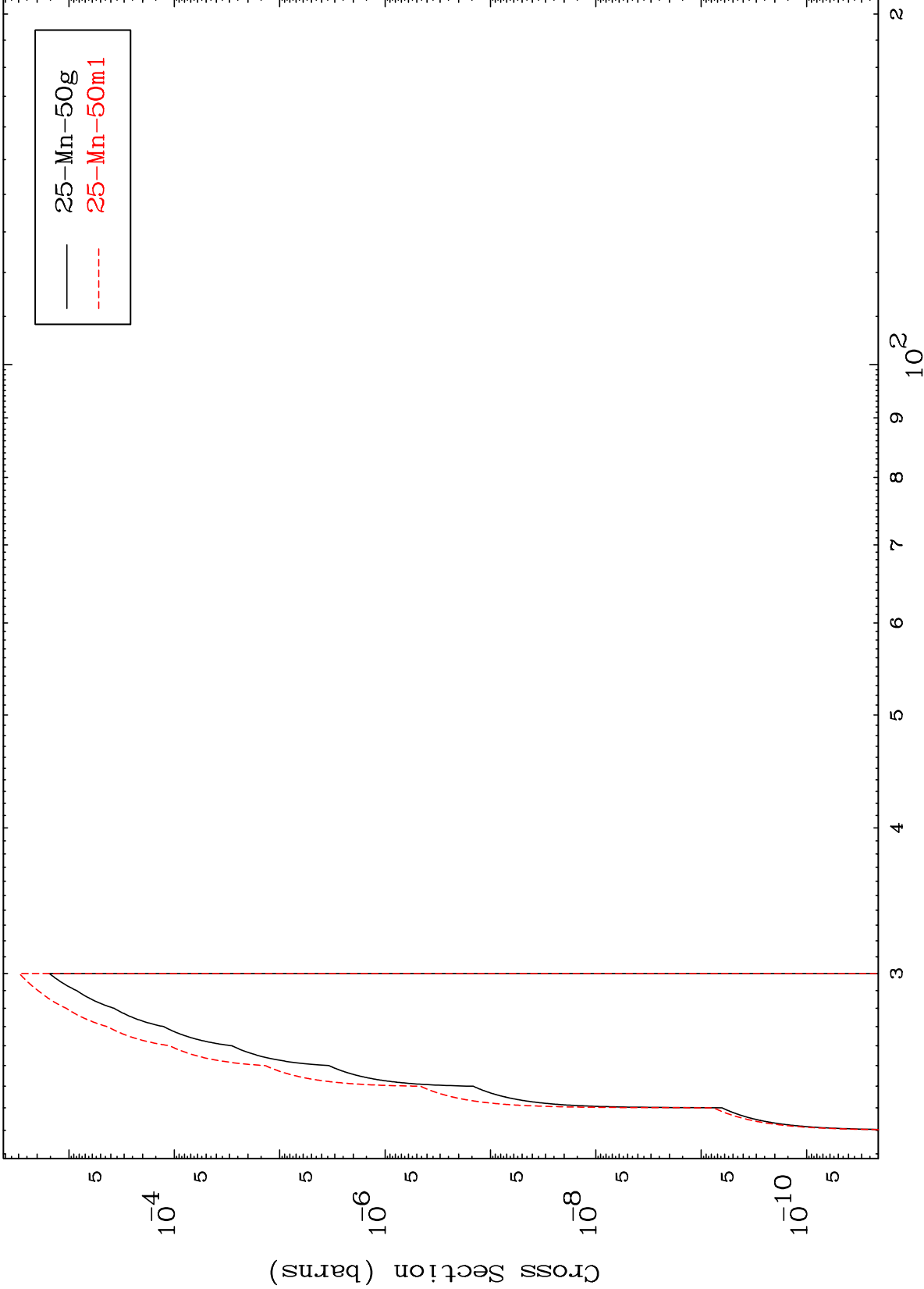
26-Fe-52

MAT 2619

(n,2n) p

26-Fe-52

Radionuclide Production Cross Section



43

Incident Energy (MeV)

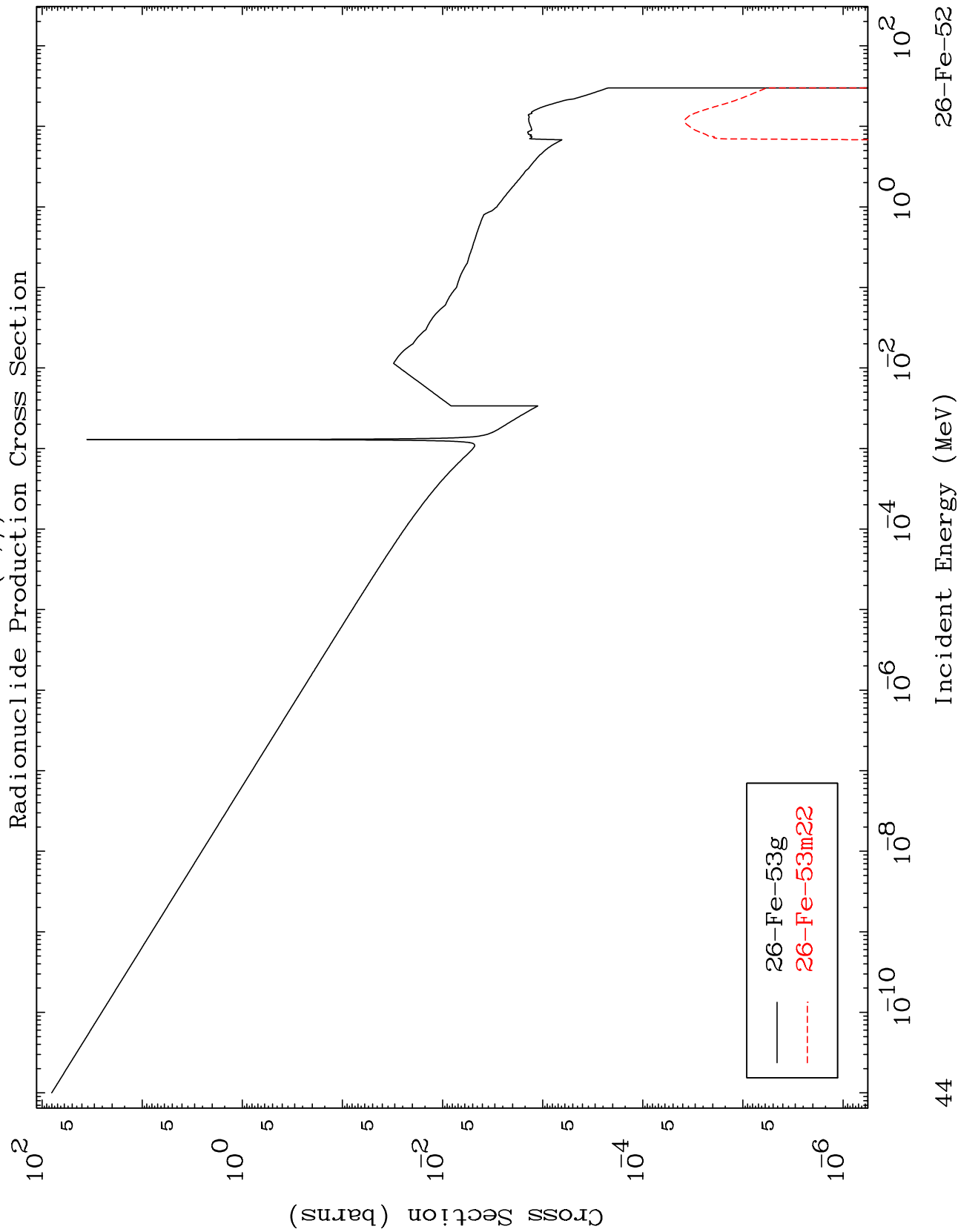
26-Fe-52

MAT 2619

26-Fe-52

Radionuclide Production Cross Section

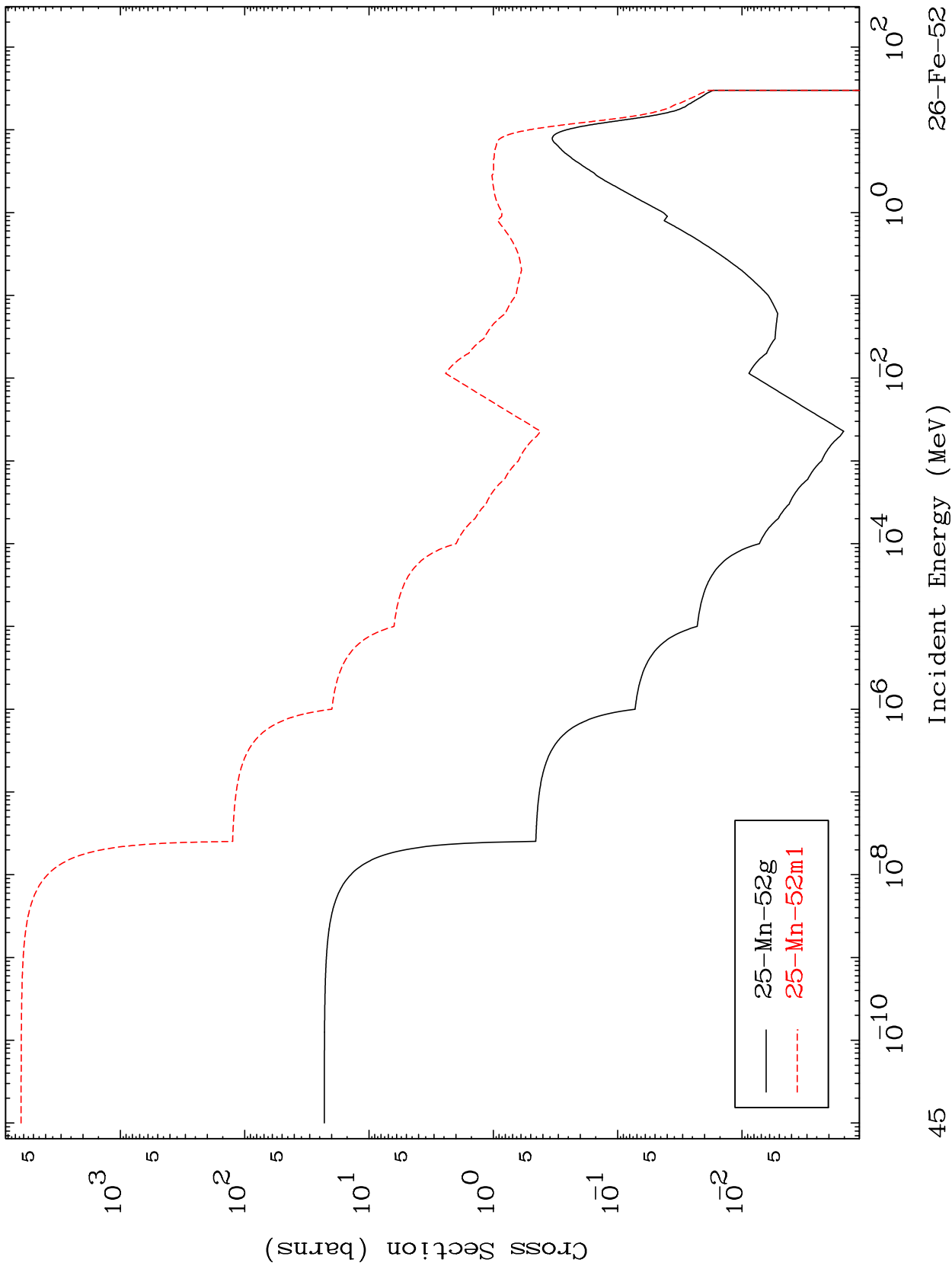
(n,  $\gamma$ )



MAT 2619

26-Fe-52

(n,p)  
Radionuclide Production Cross Section

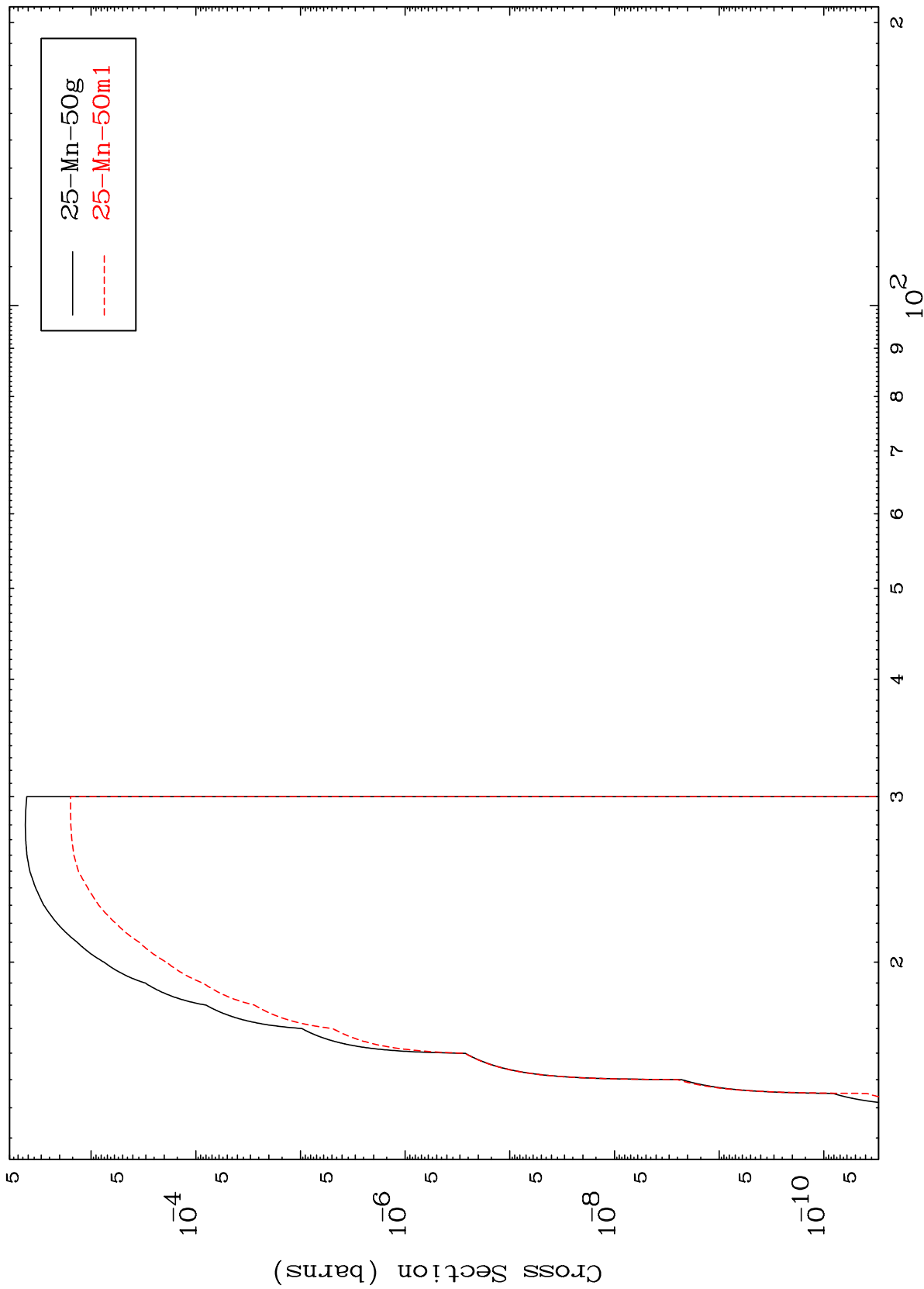


MAT 2619

(n, t)

26-Fe-52

Radionuclide Production Cross Section



46

Incident Energy (MeV)

26-Fe-52