

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](mailto:redcullen1@comcast.net)

Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

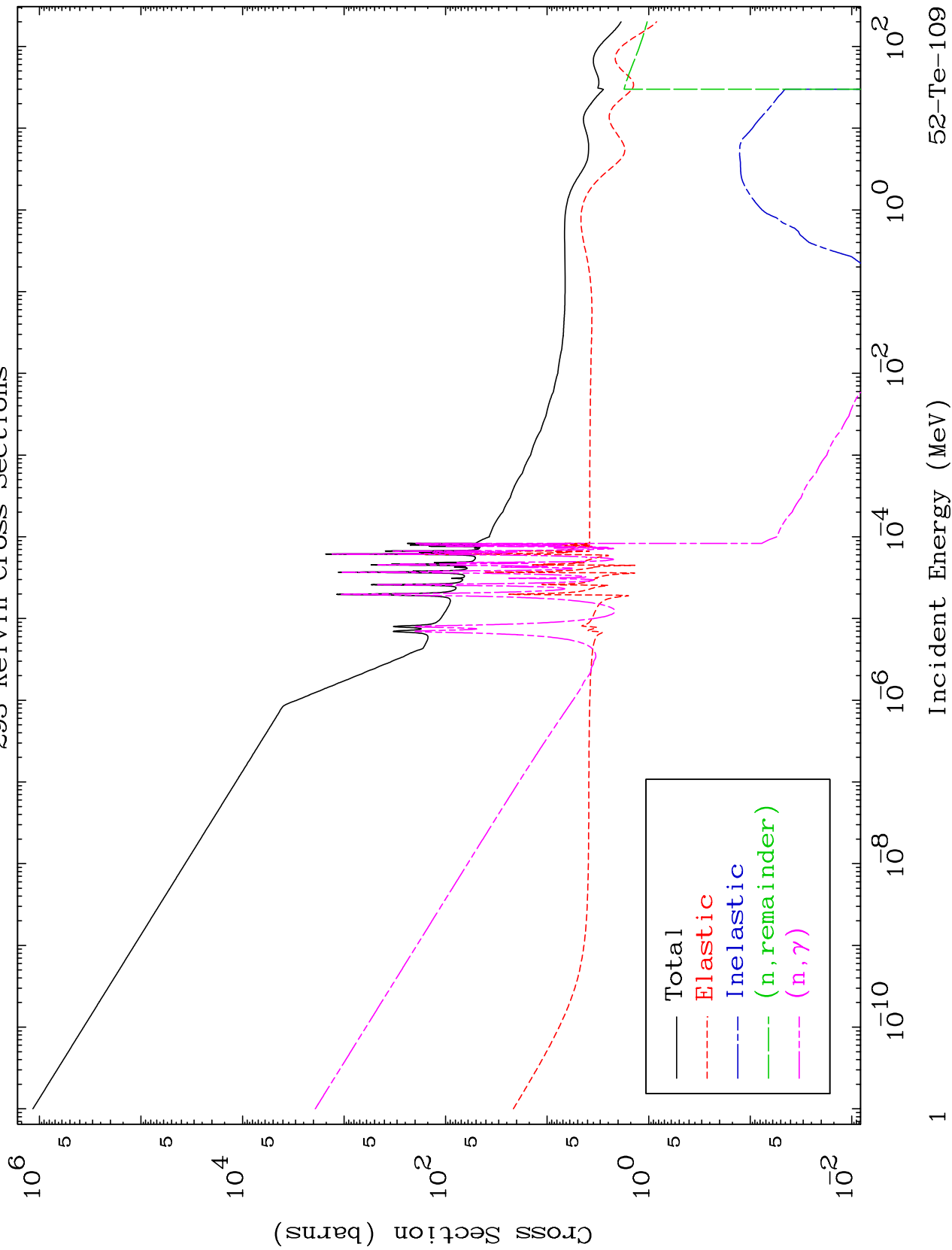
Press Mouse Button to Start

MAT 5192

Major

293 Kelvin Cross Sections

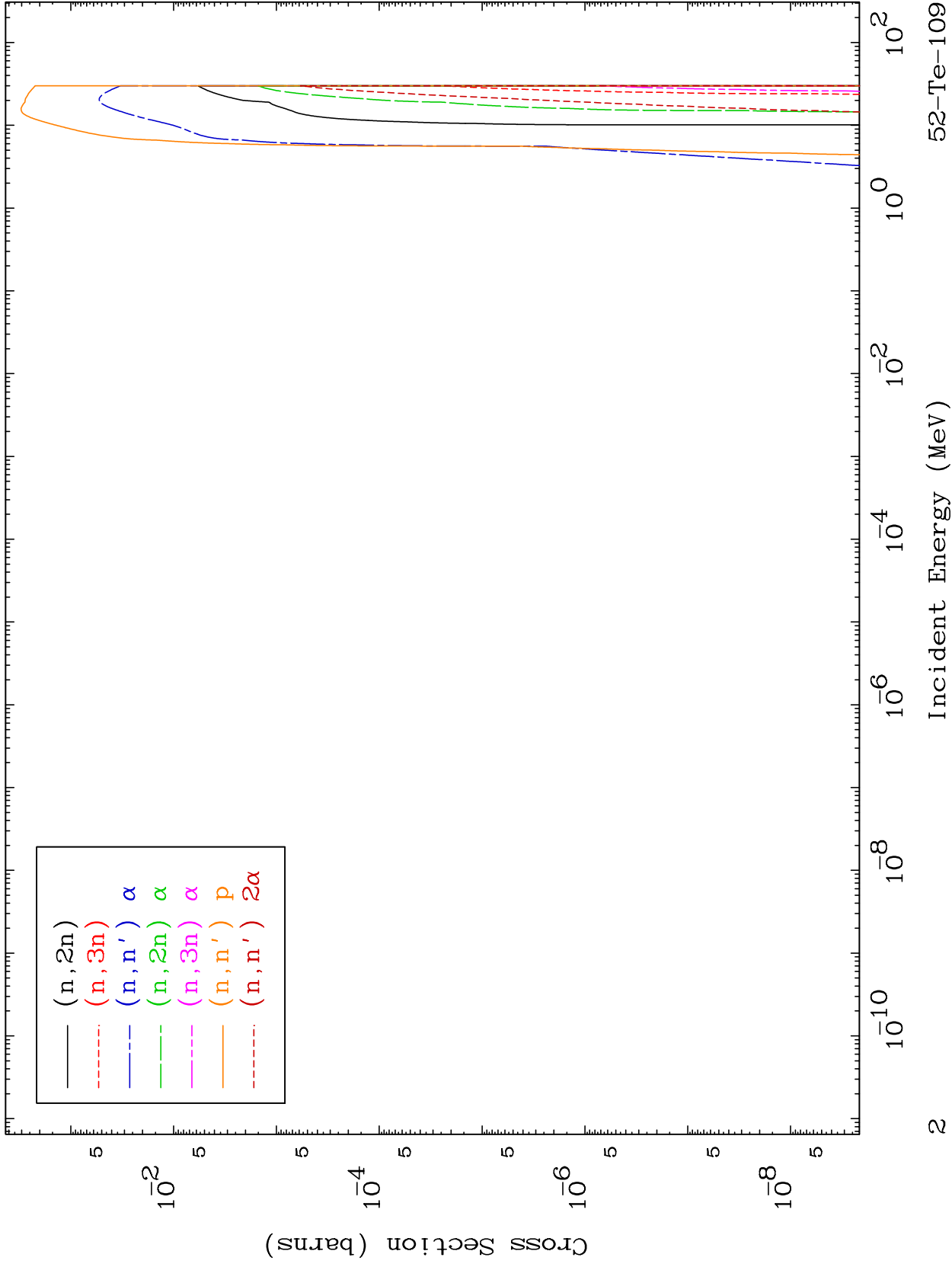
52-Te-109

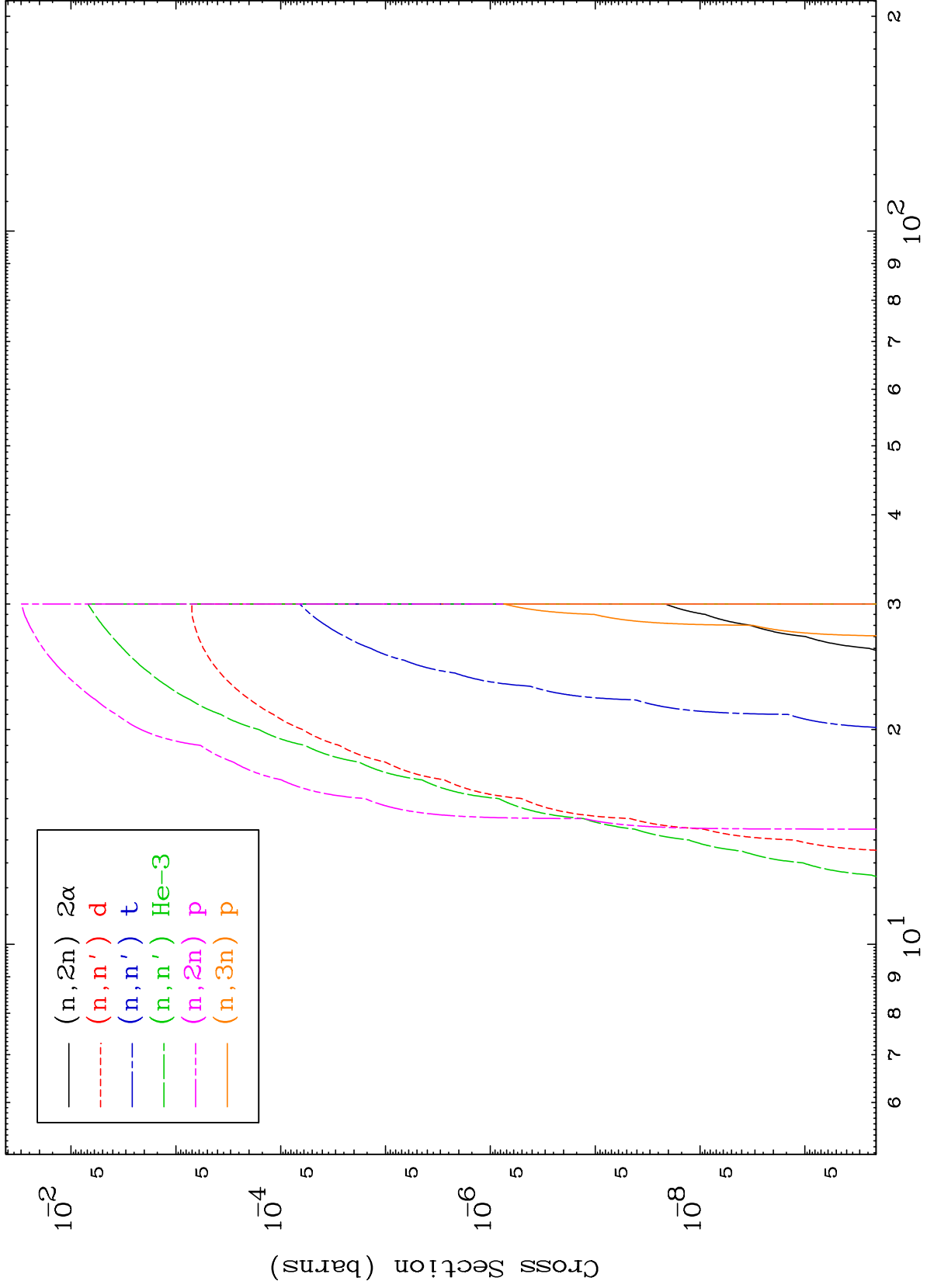


MAT 5192

Neutron Production  
293 Kelvin Cross Sections

52-Te-109

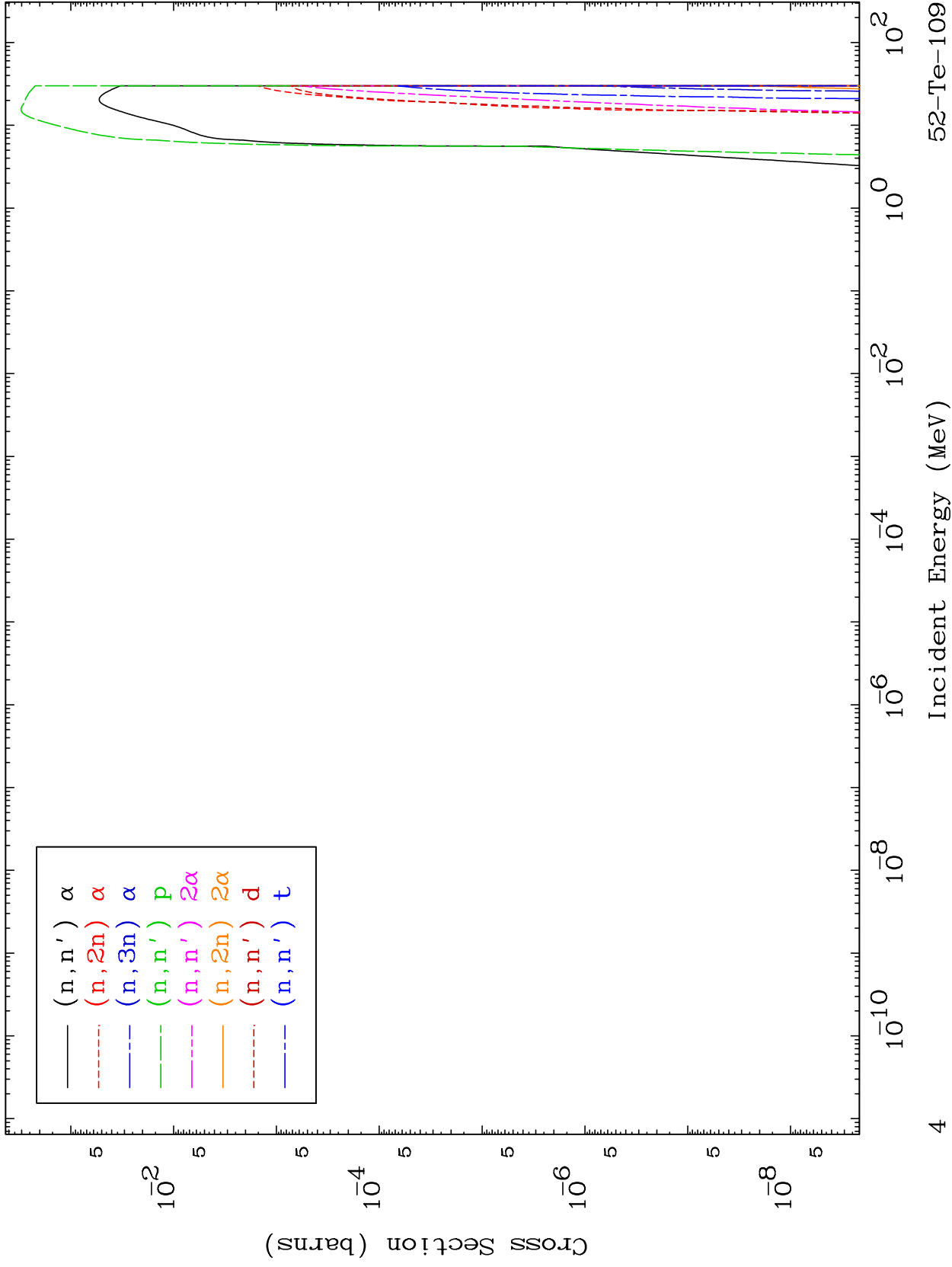


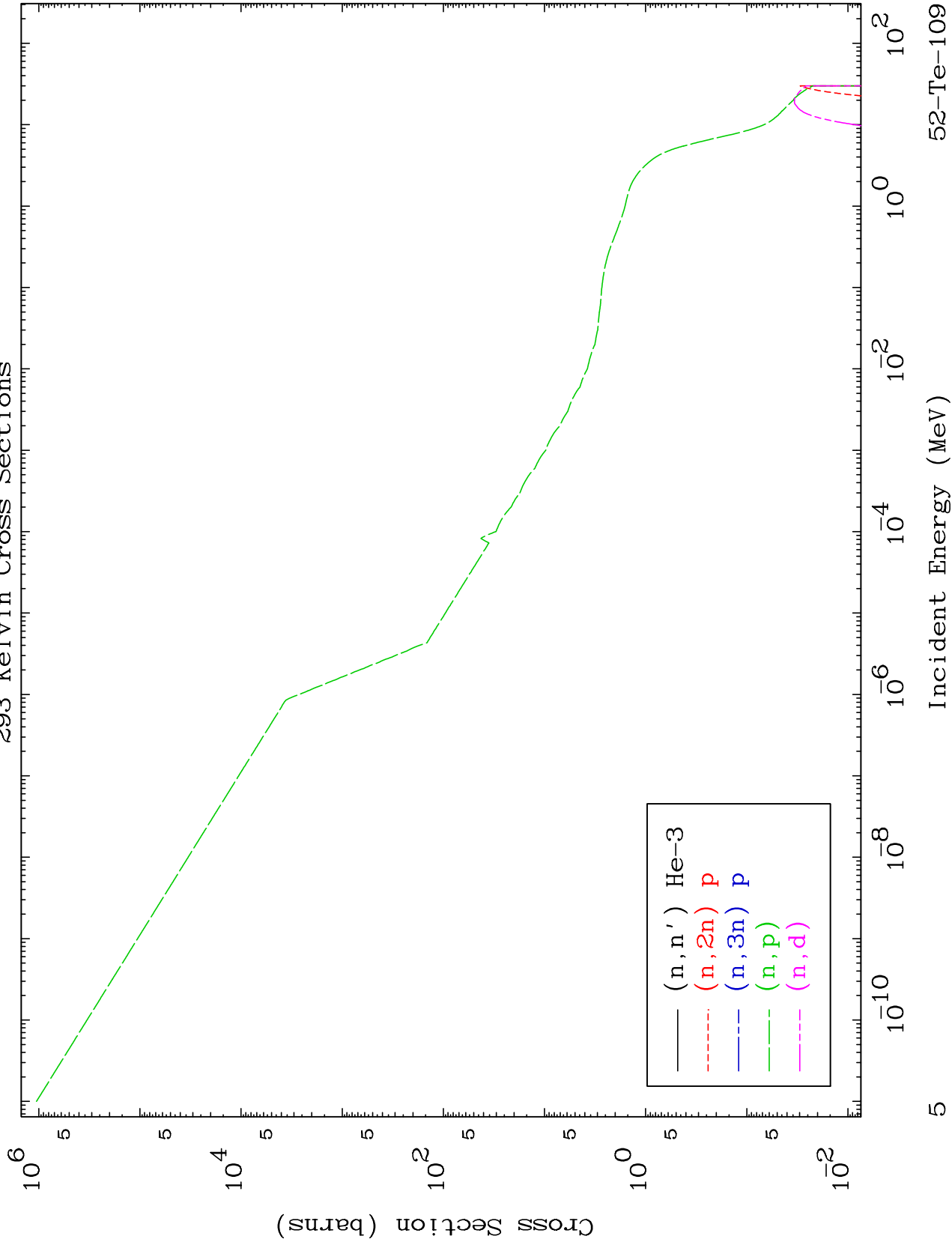


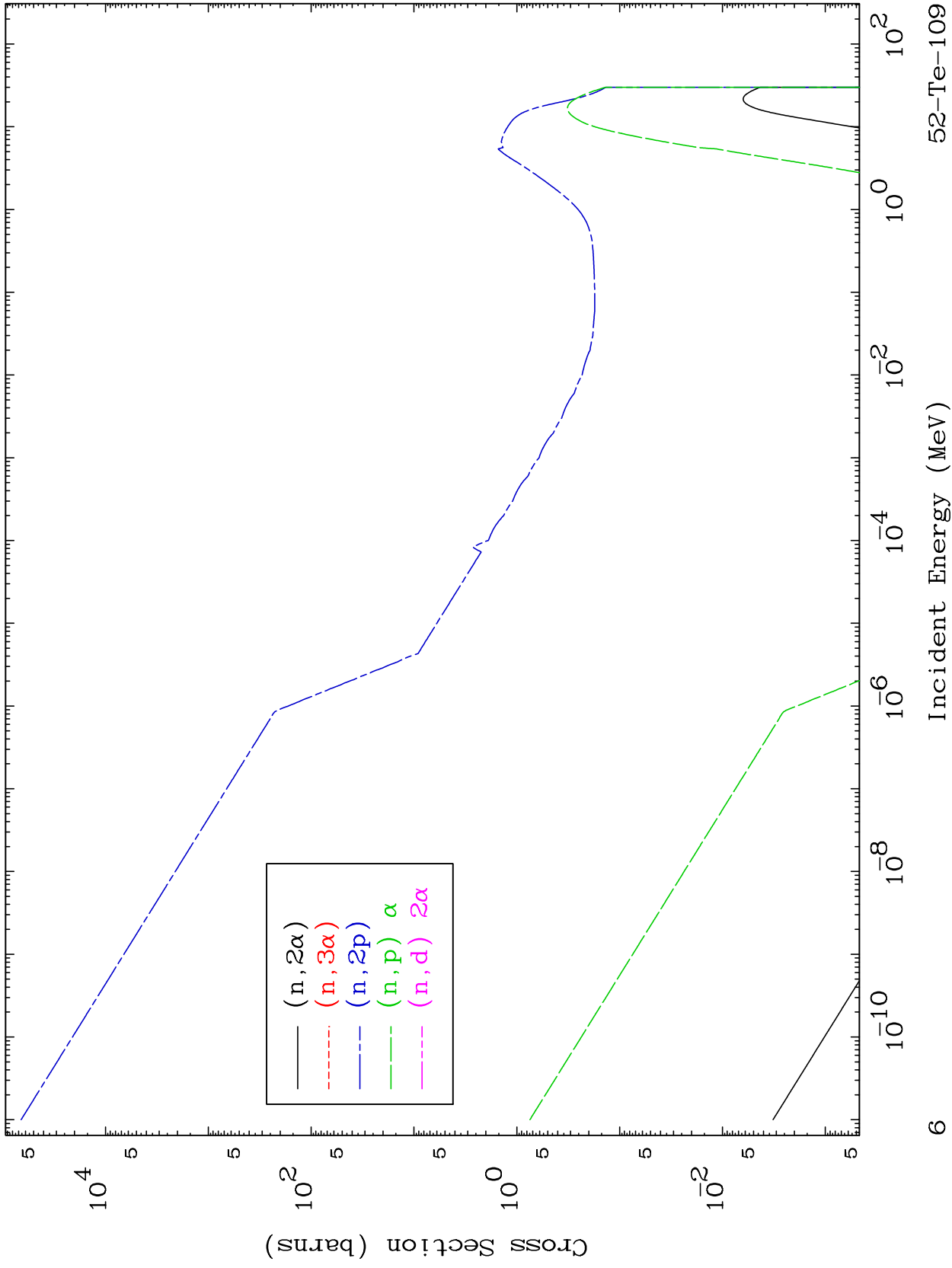
MAT 5192

Charged Particle  
293 Kelvin Cross Sections

52-Te-109



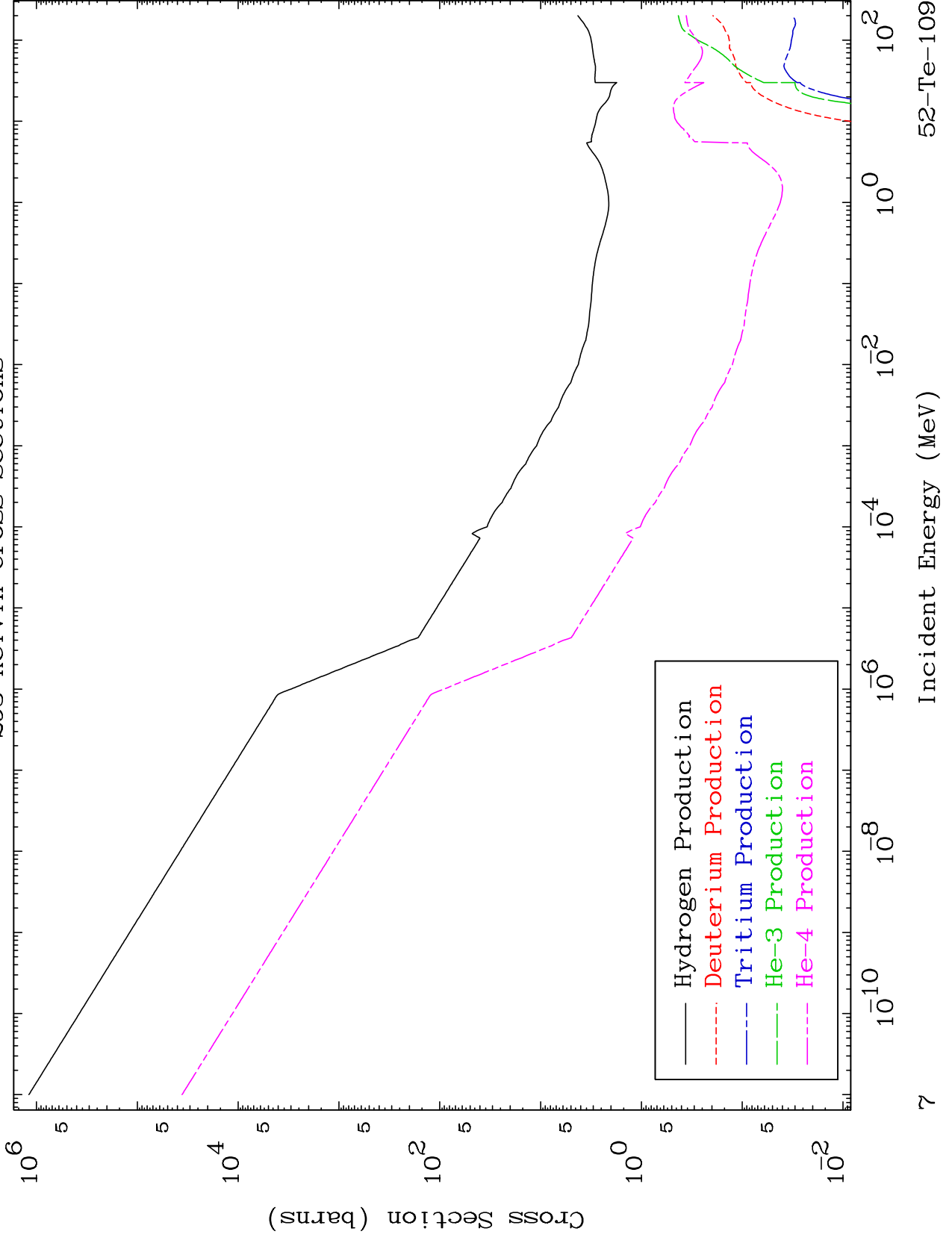




MAT 5192

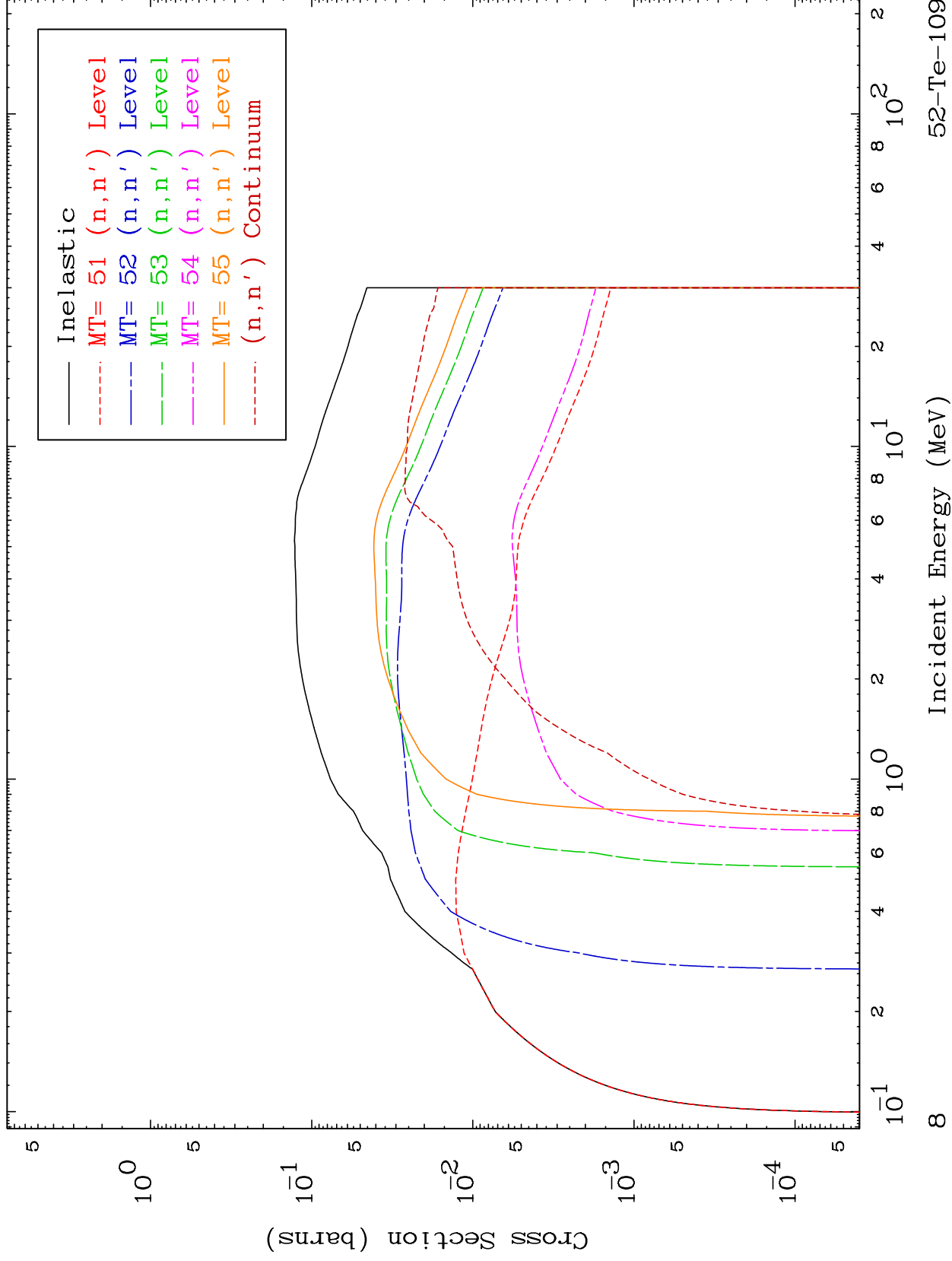
Particle Production  
293 Kelvin Cross Sections

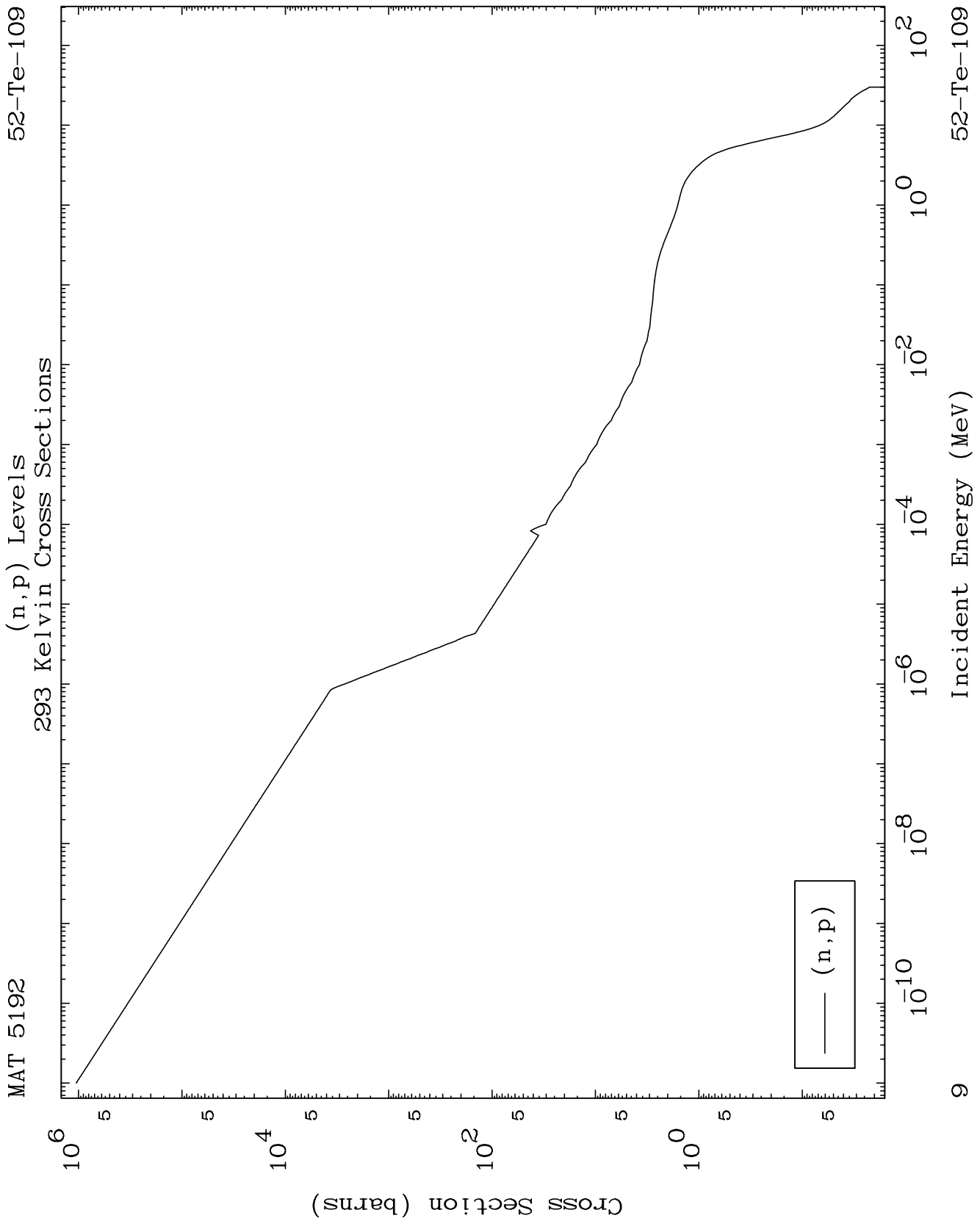
52-Te-109





293 Kelvin Cross Sections

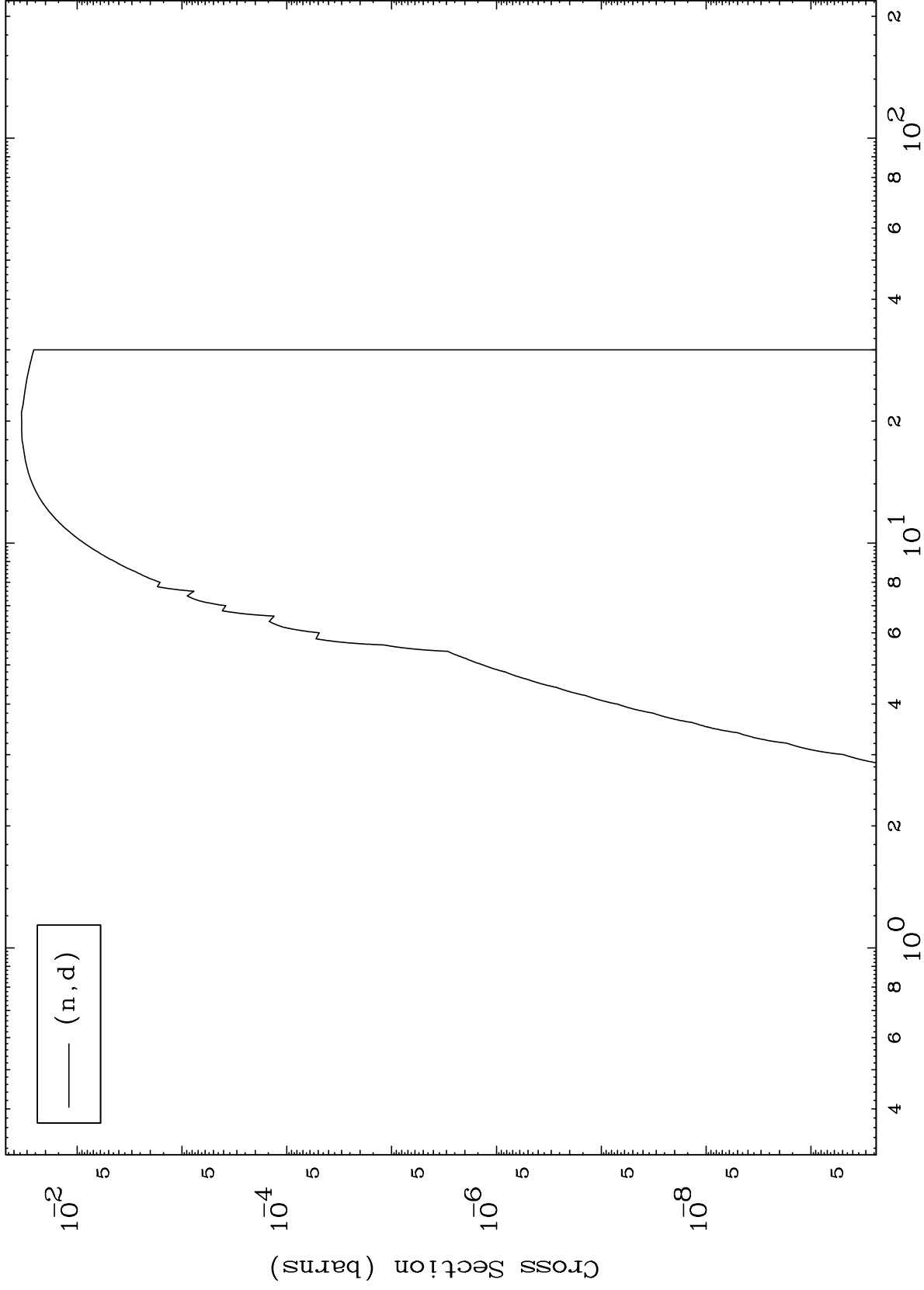




MAT 5192

(n,d) Levels  
293 Kelvin Cross Sections

52-Te-109



10

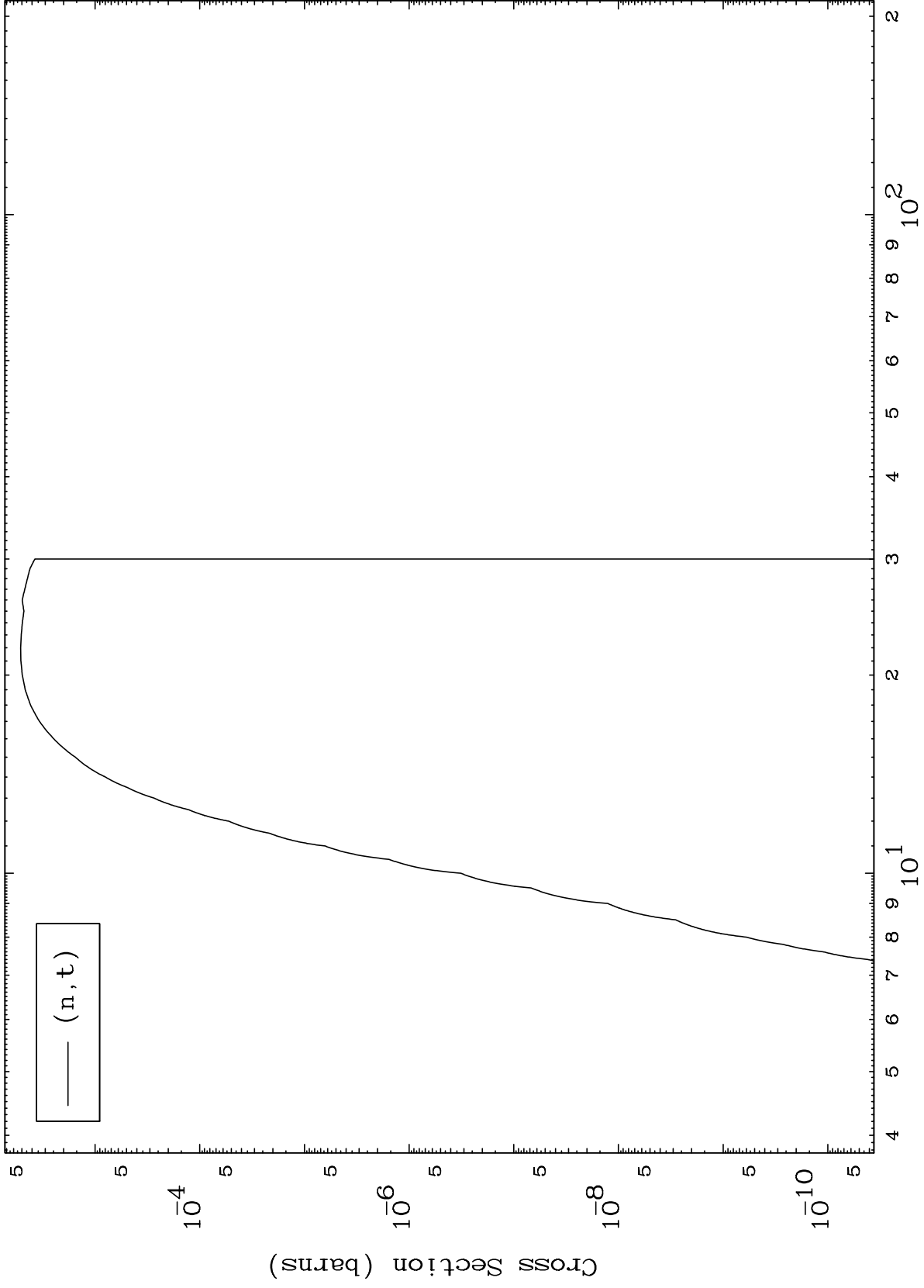
Incident Energy (MeV)

52-Te-109

MAT 5192

(n,t) Levels  
293 Kelvin Cross Sections

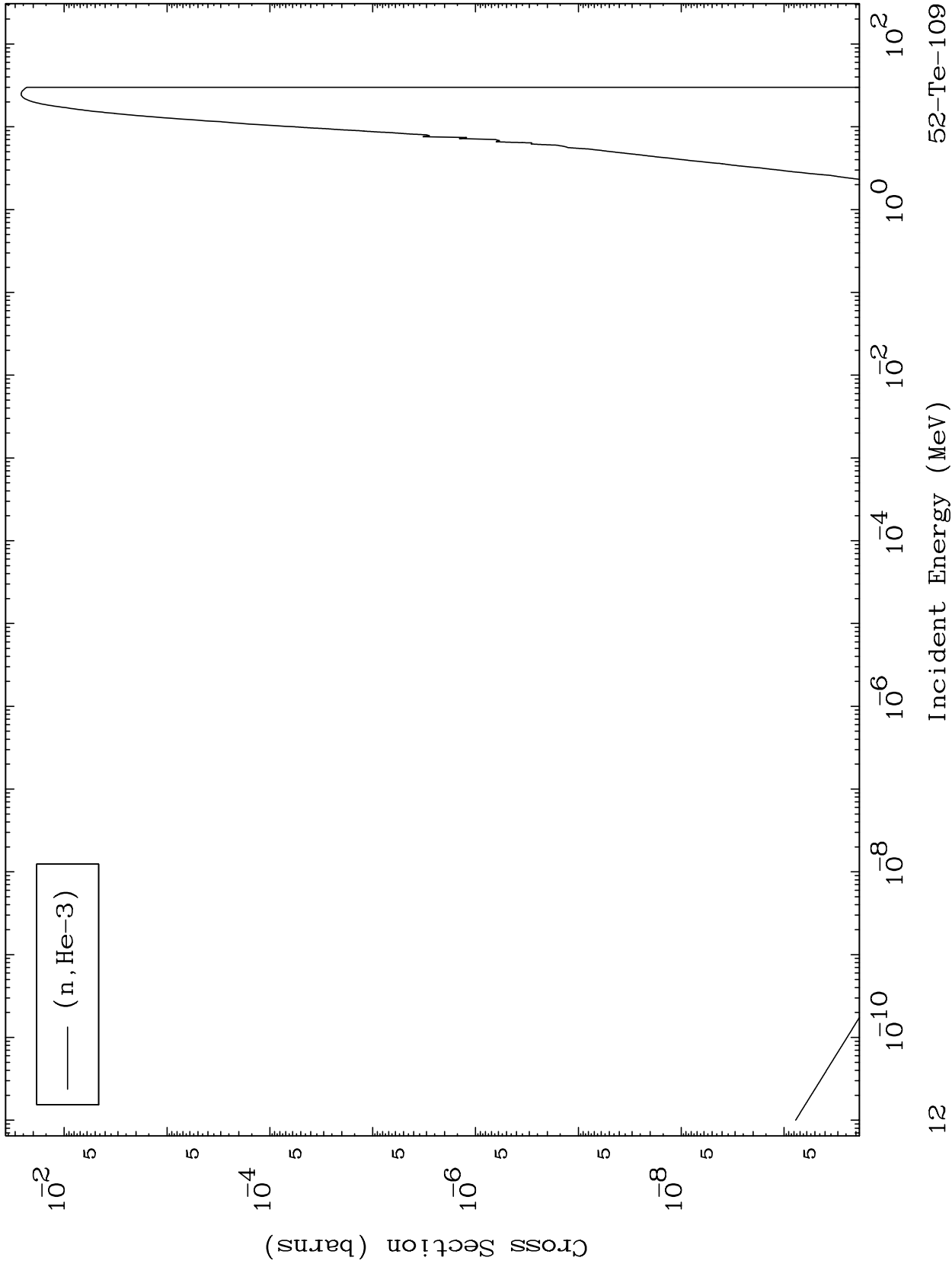
52-Te-109



MAT 5192

(n,He3) Levels  
293 Kelvin Cross Sections

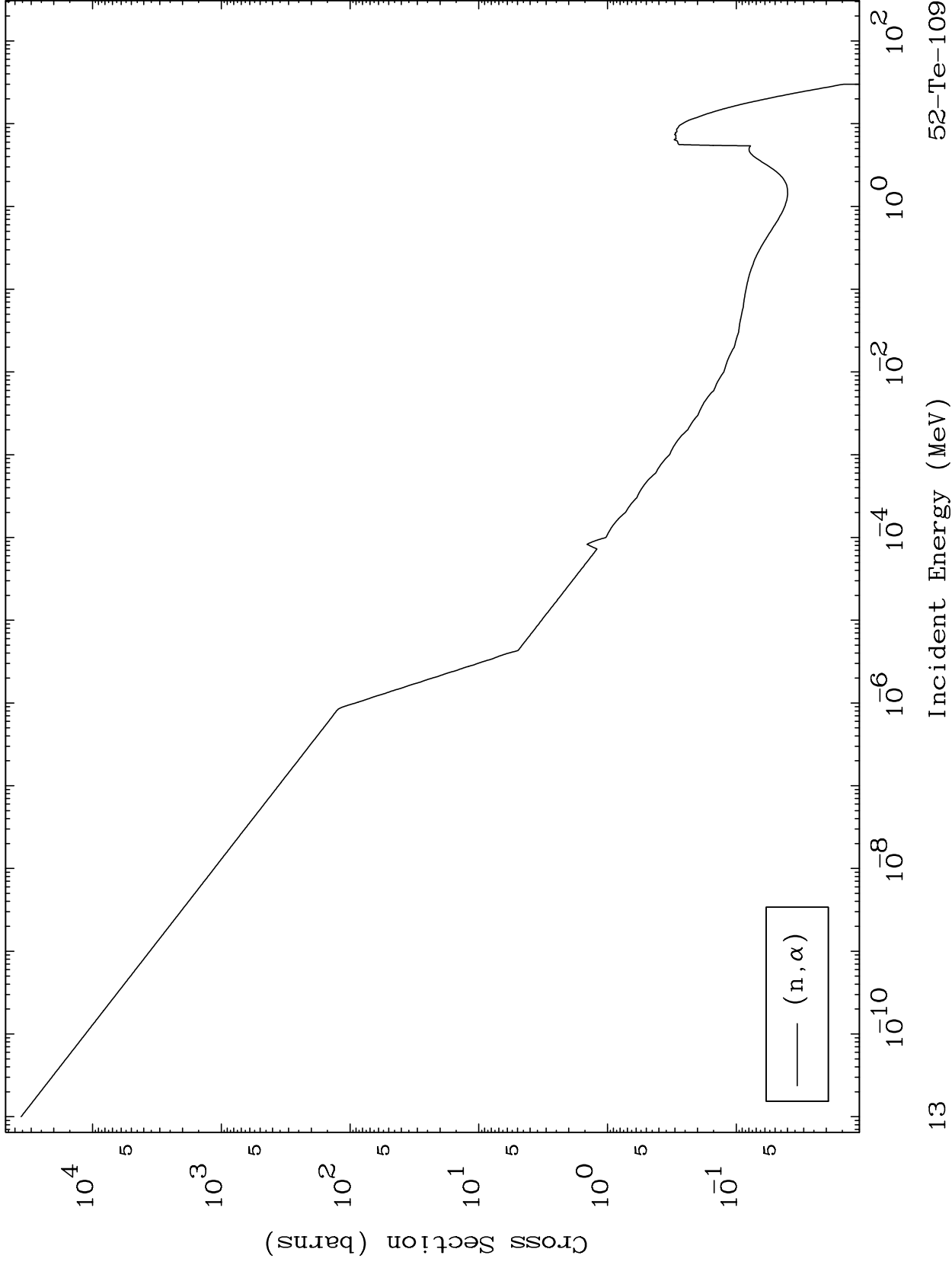
52-Te-109



MAT 5192

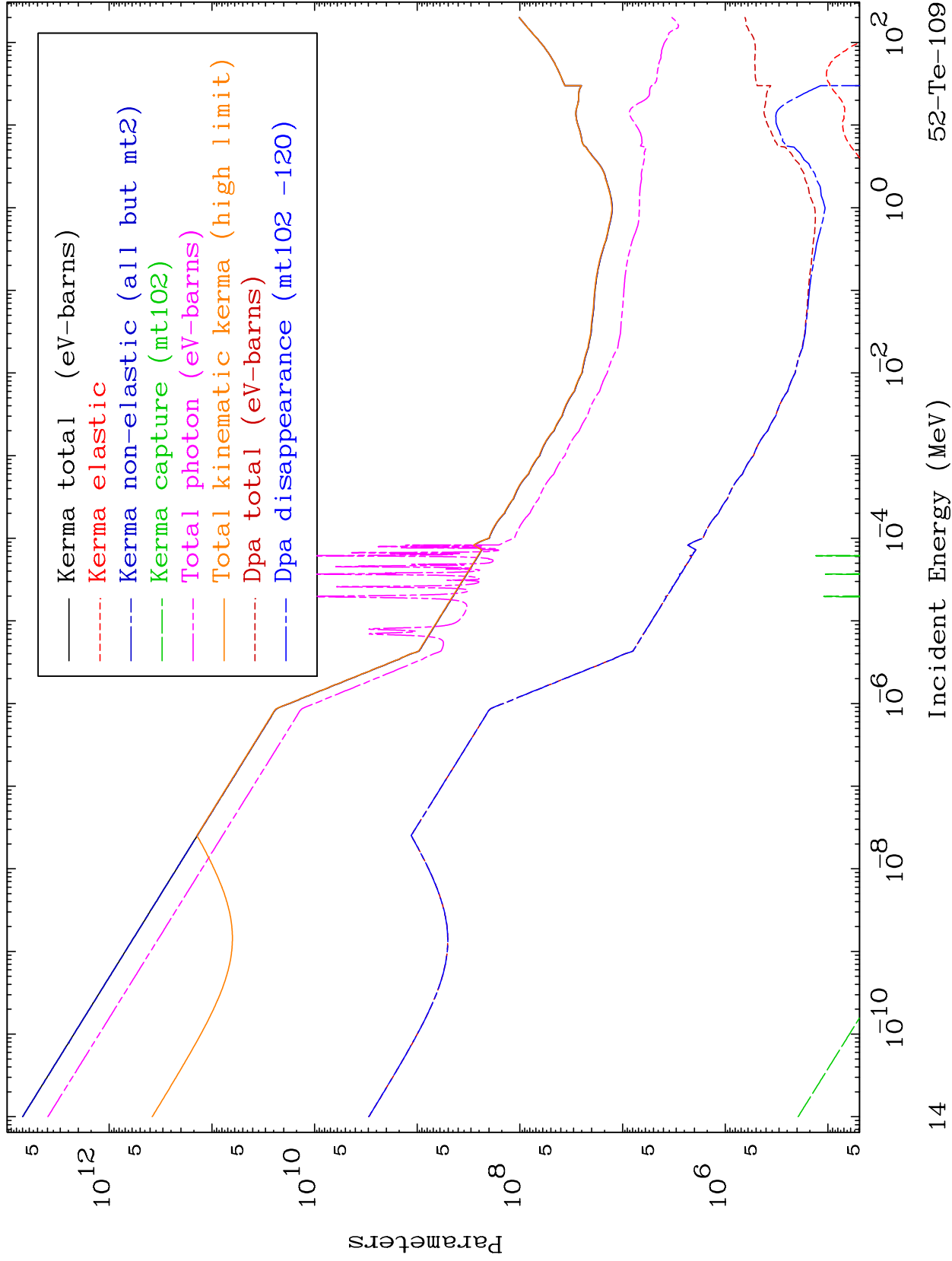
(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

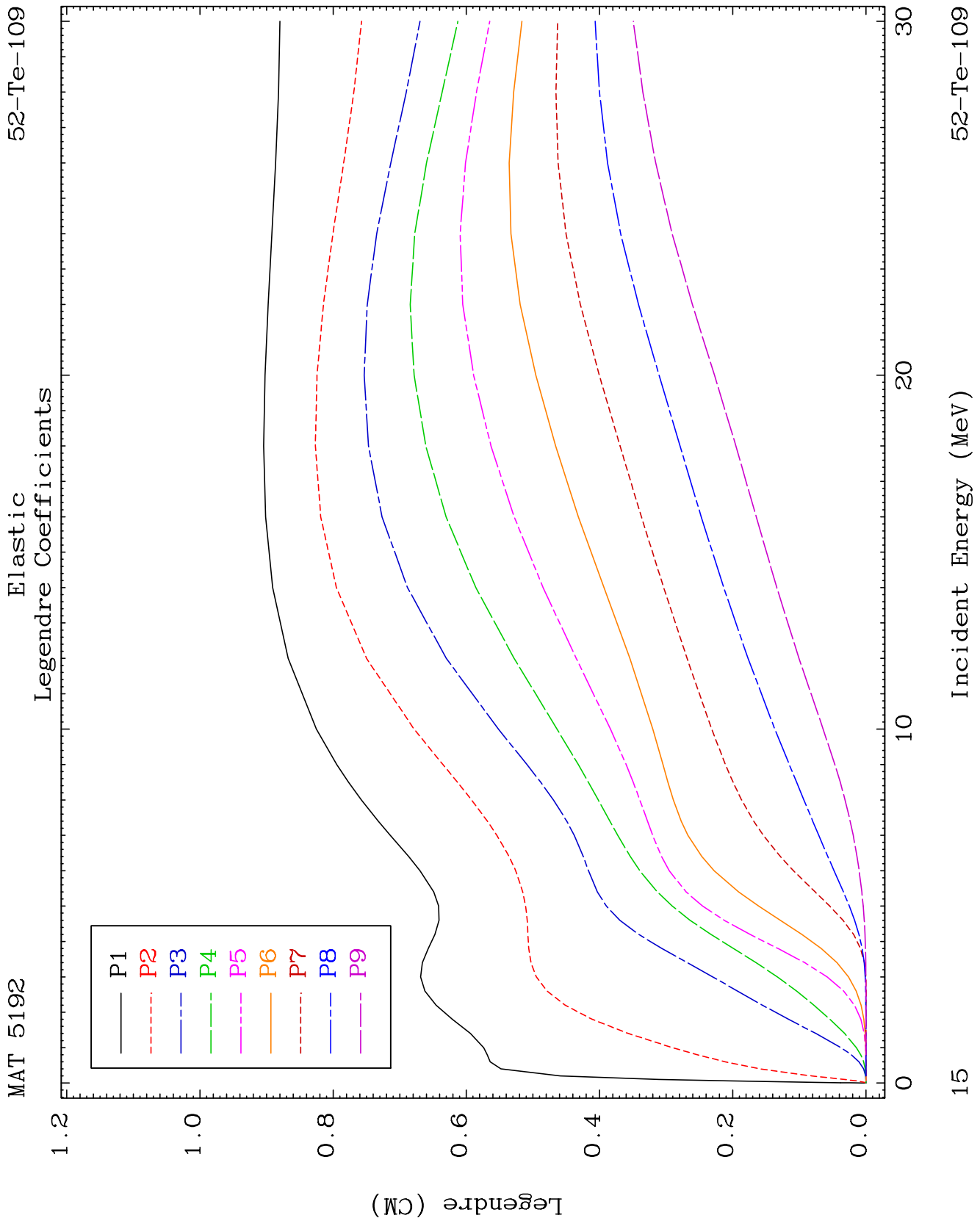
52-Te-109



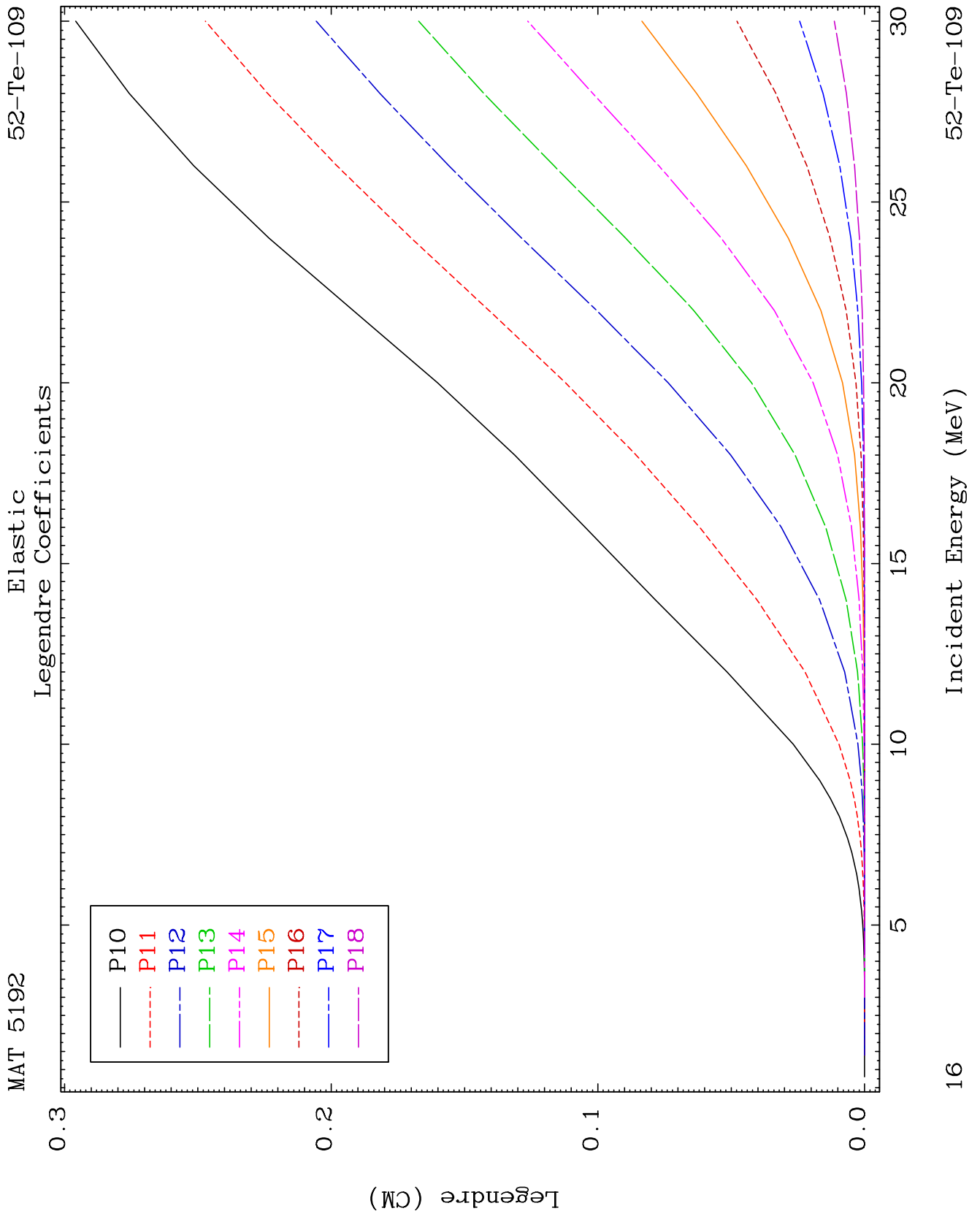
13

52-Te-109





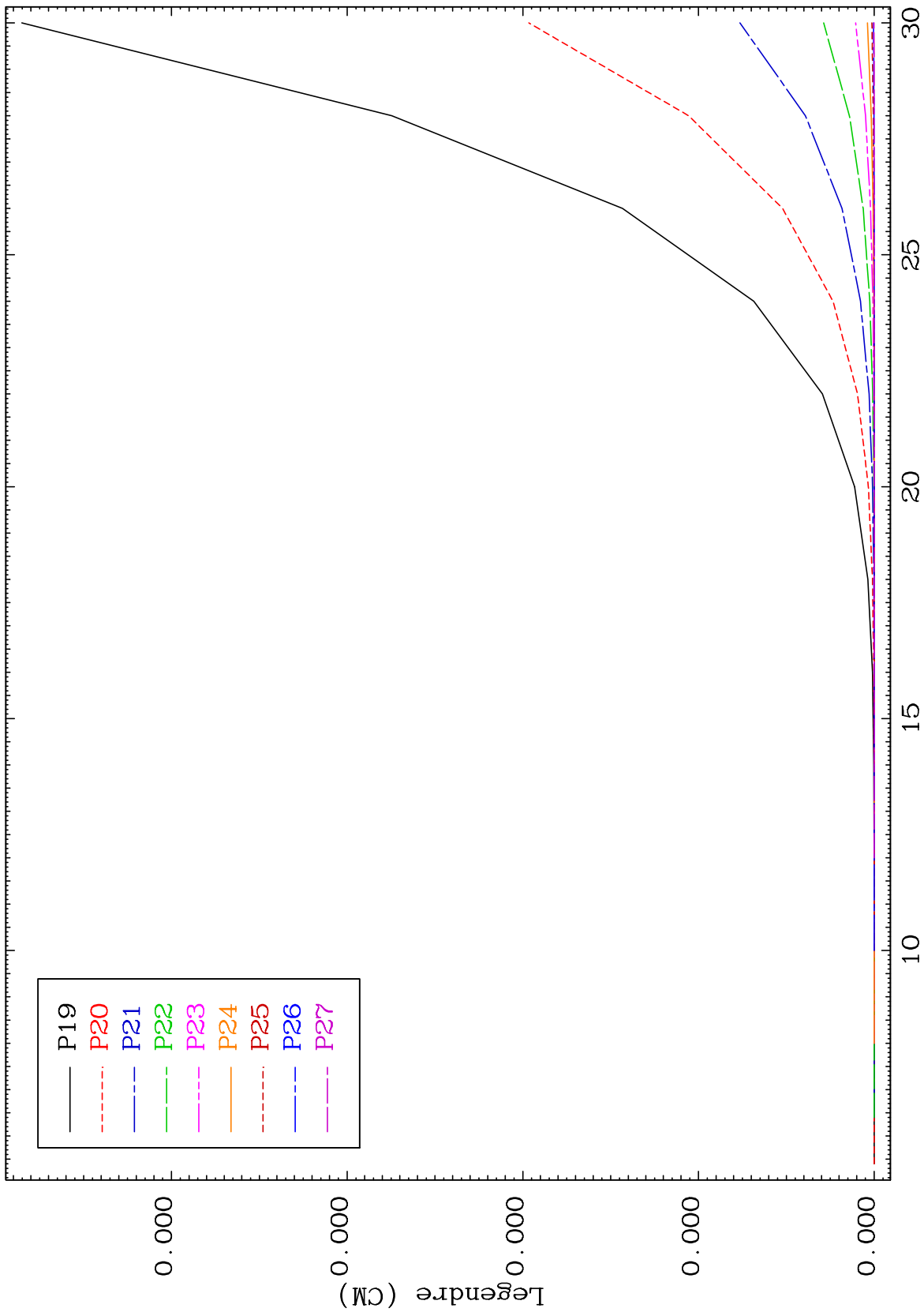




MAT 5192

Elastic Legendre Coefficients

52-Te-109



17

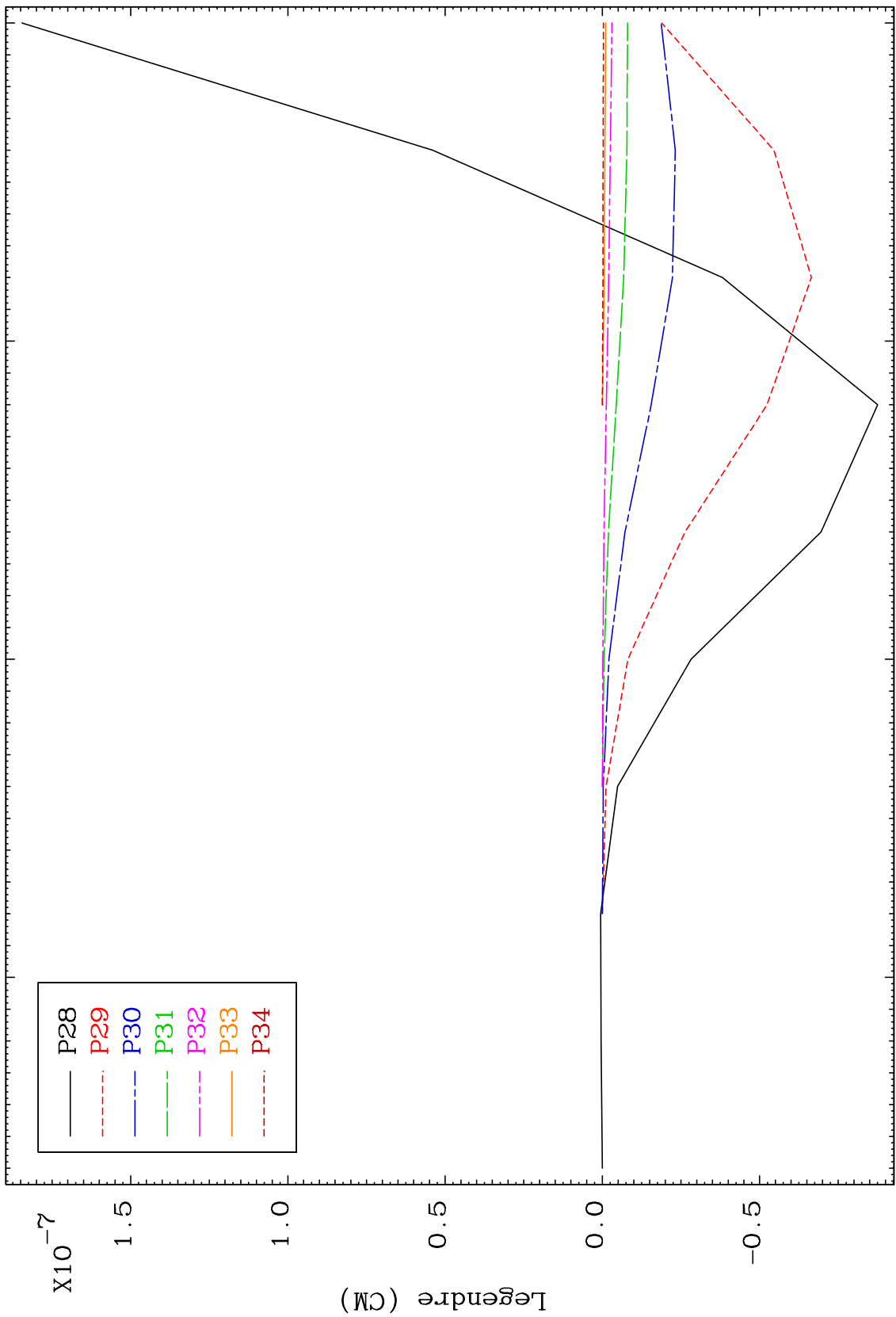
Incident Energy (MeV)

52-Te-109

MAT 5192

Elastic Legendre Coefficients

52-Te-109



18

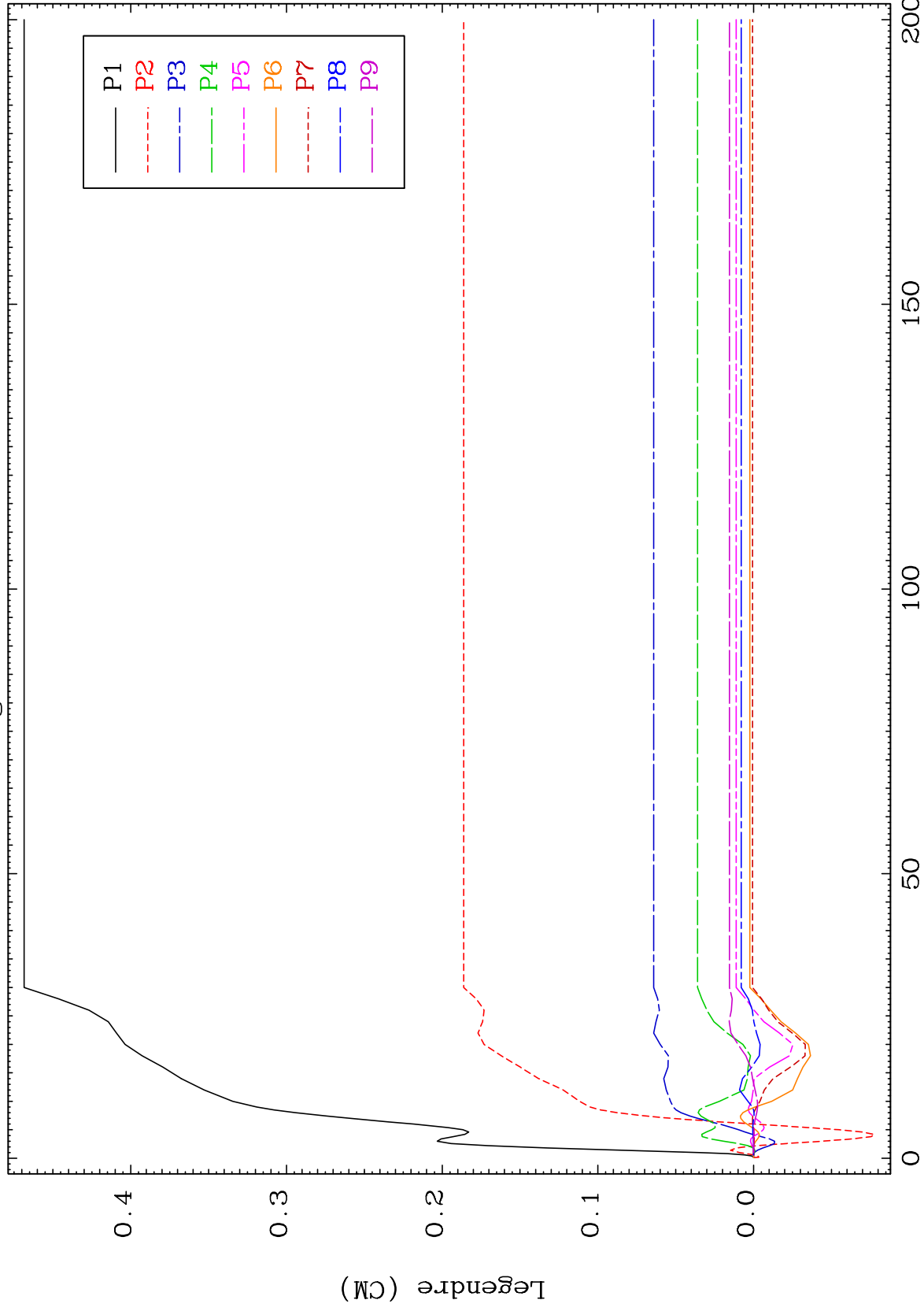
Incident Energy (MeV)

52-Te-109

MAT 5192

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

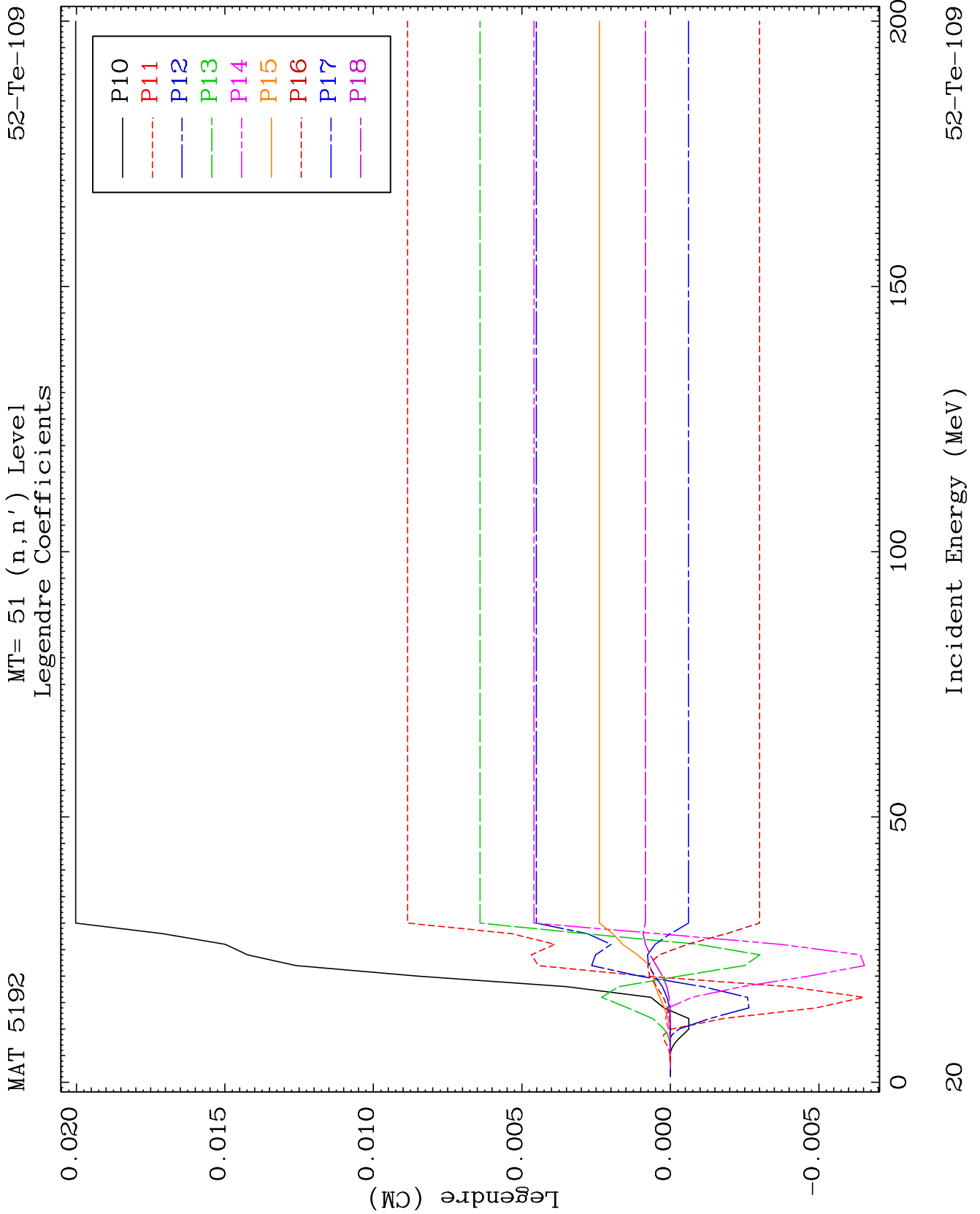
52-Te-109

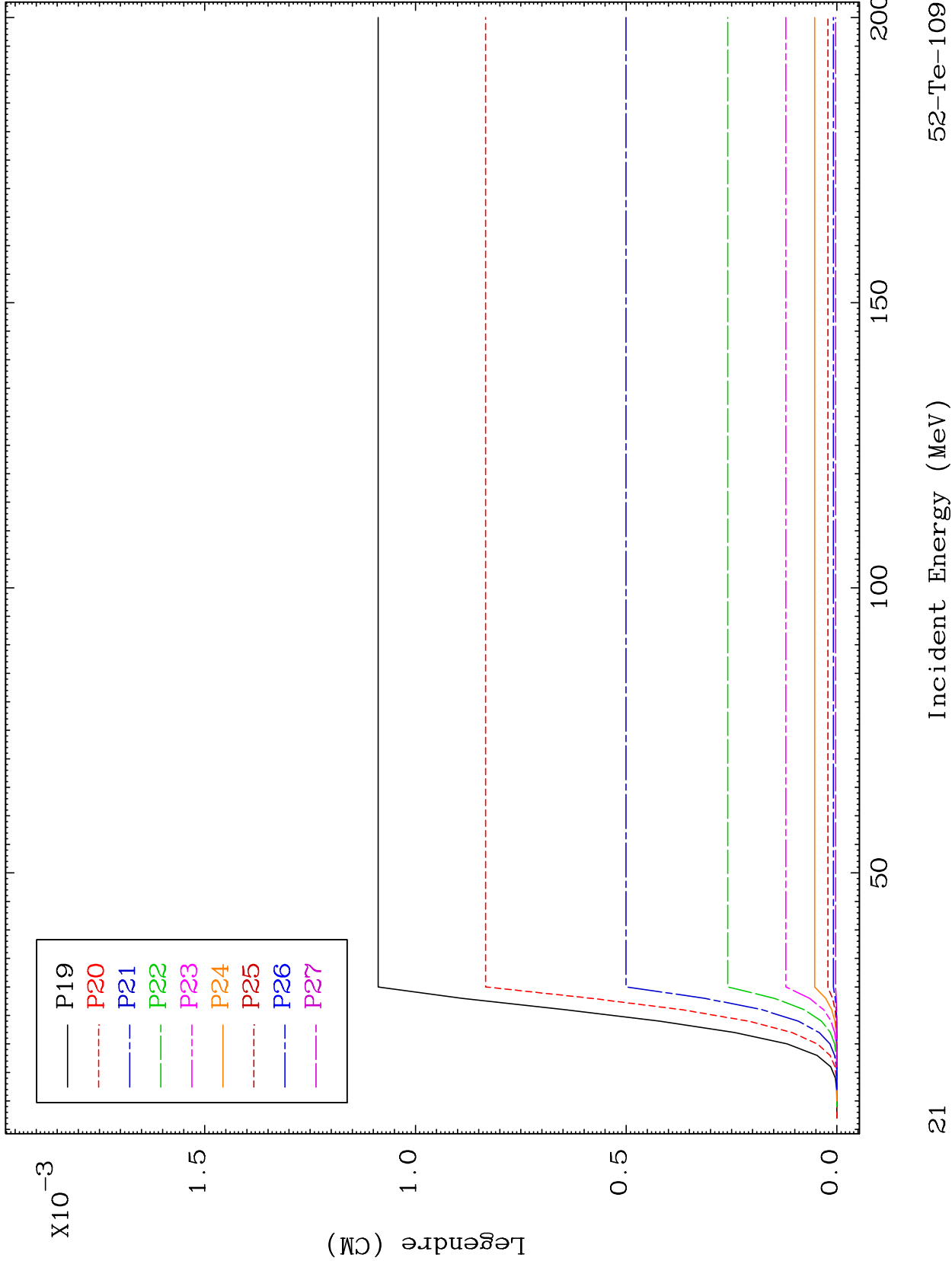


19

Incident Energy (MeV)

52-Te-109

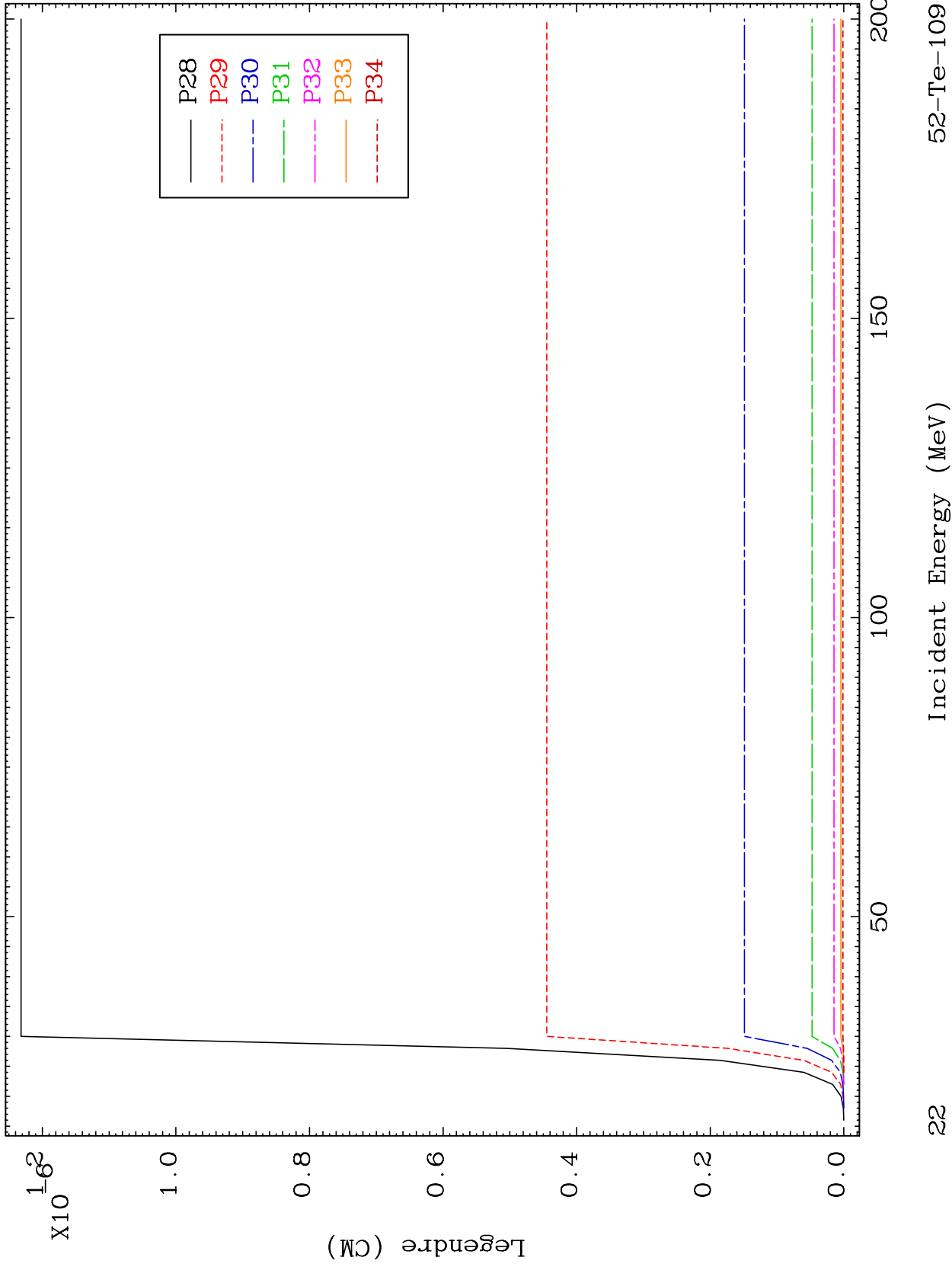




MAT 5192

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

52-Te-109

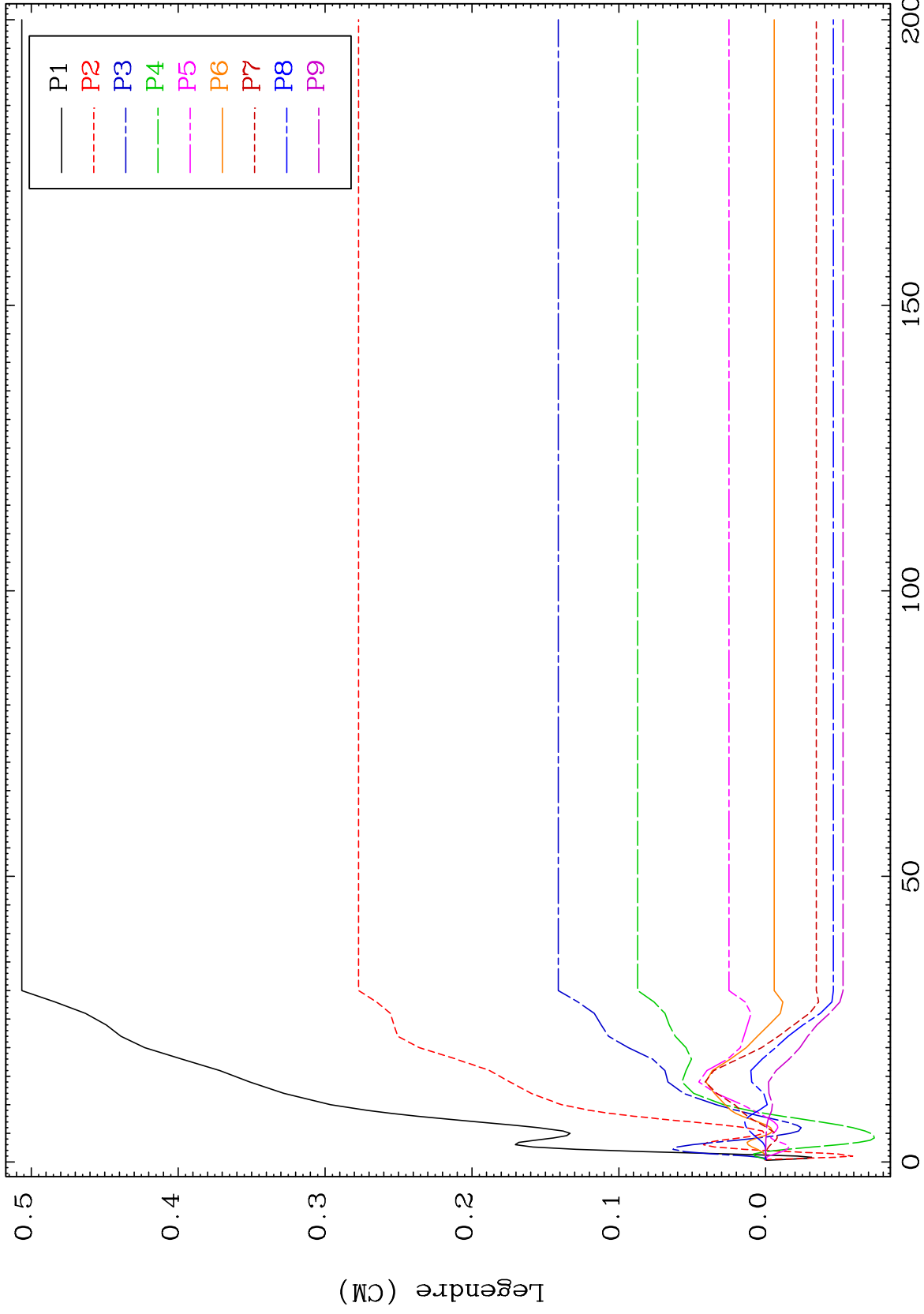


22

MAT 5192

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

52-Te-109

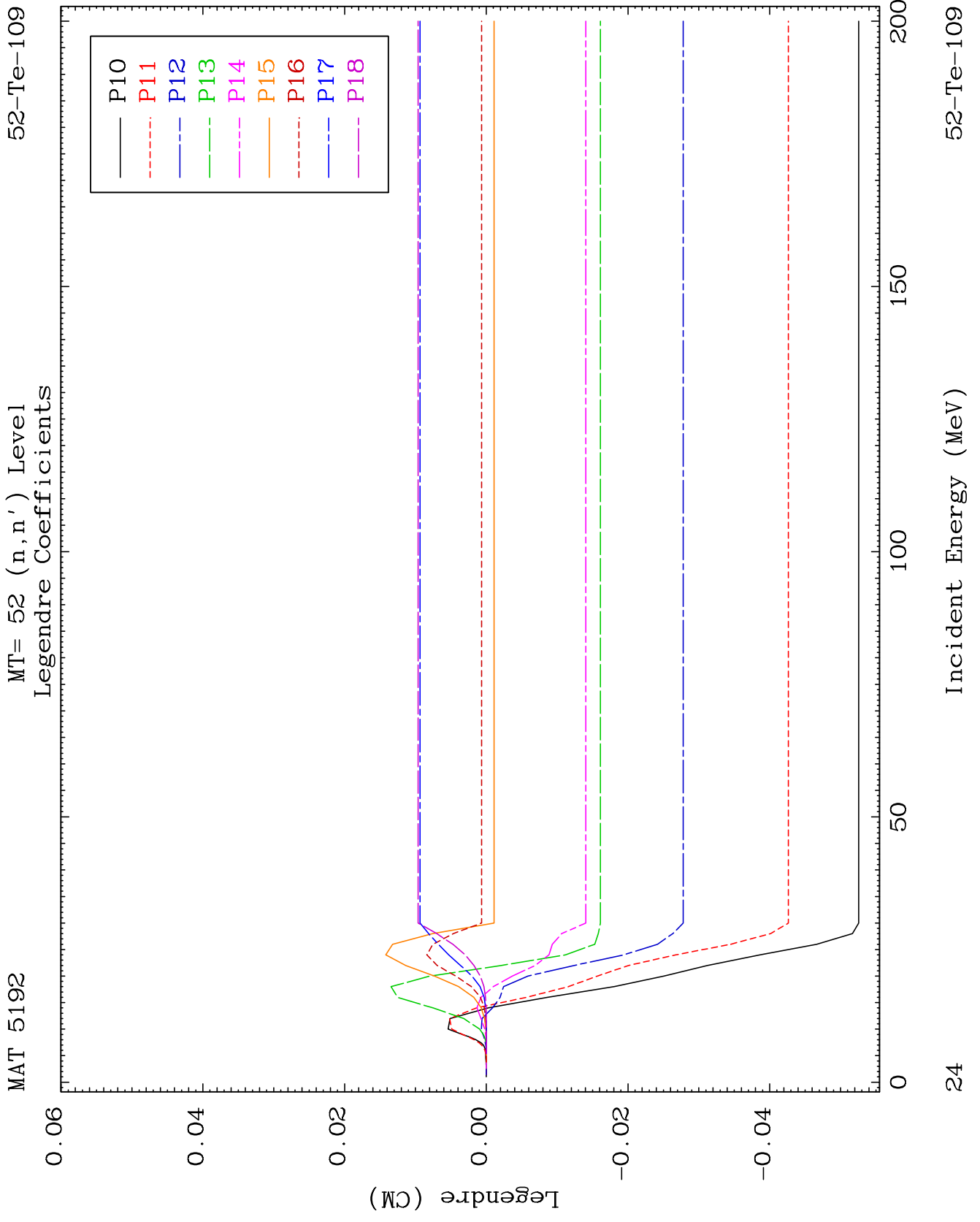


23

Incident Energy (MeV)

52-Te-109

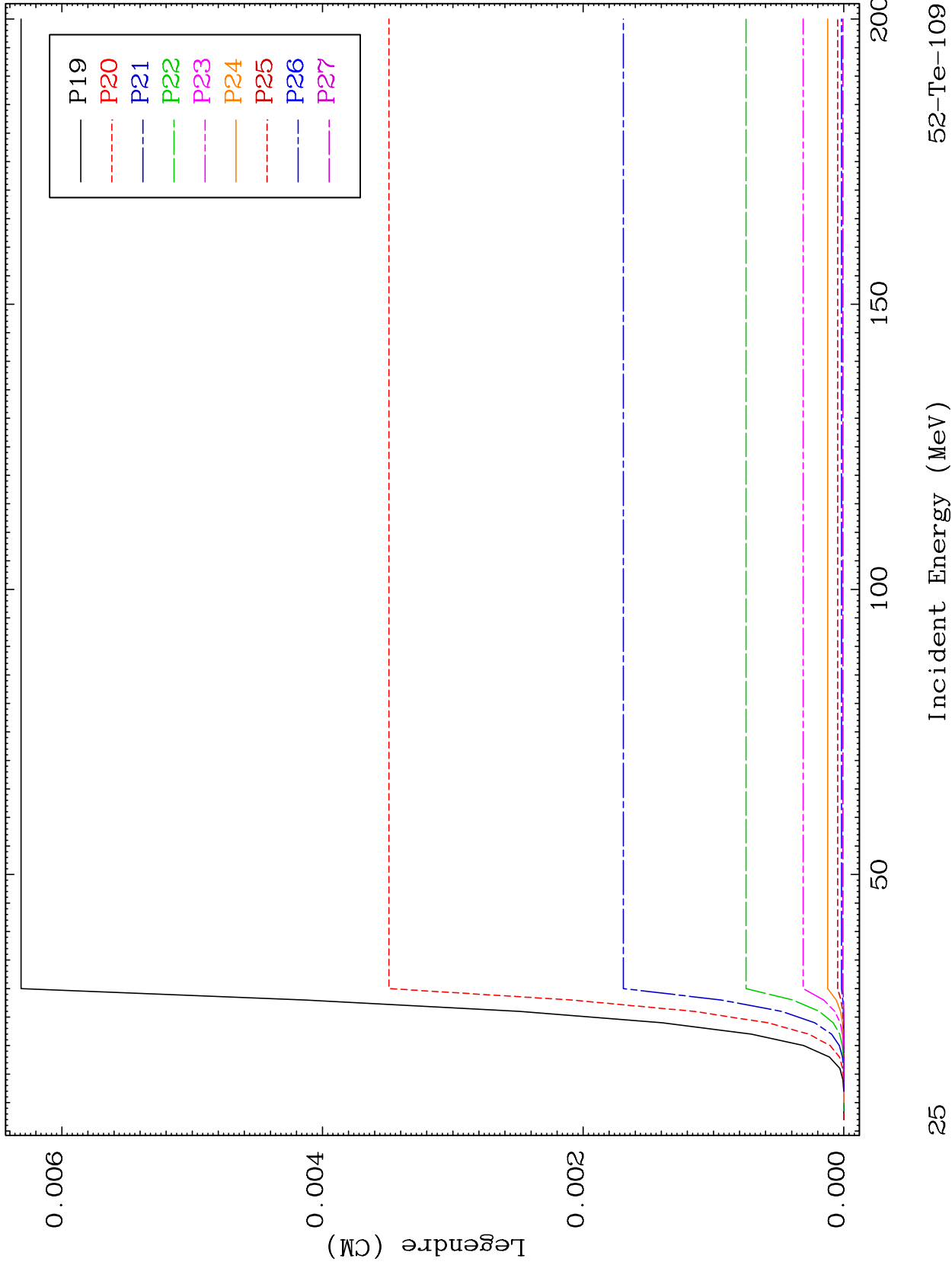




MAT 5192

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

52-Te-109



25

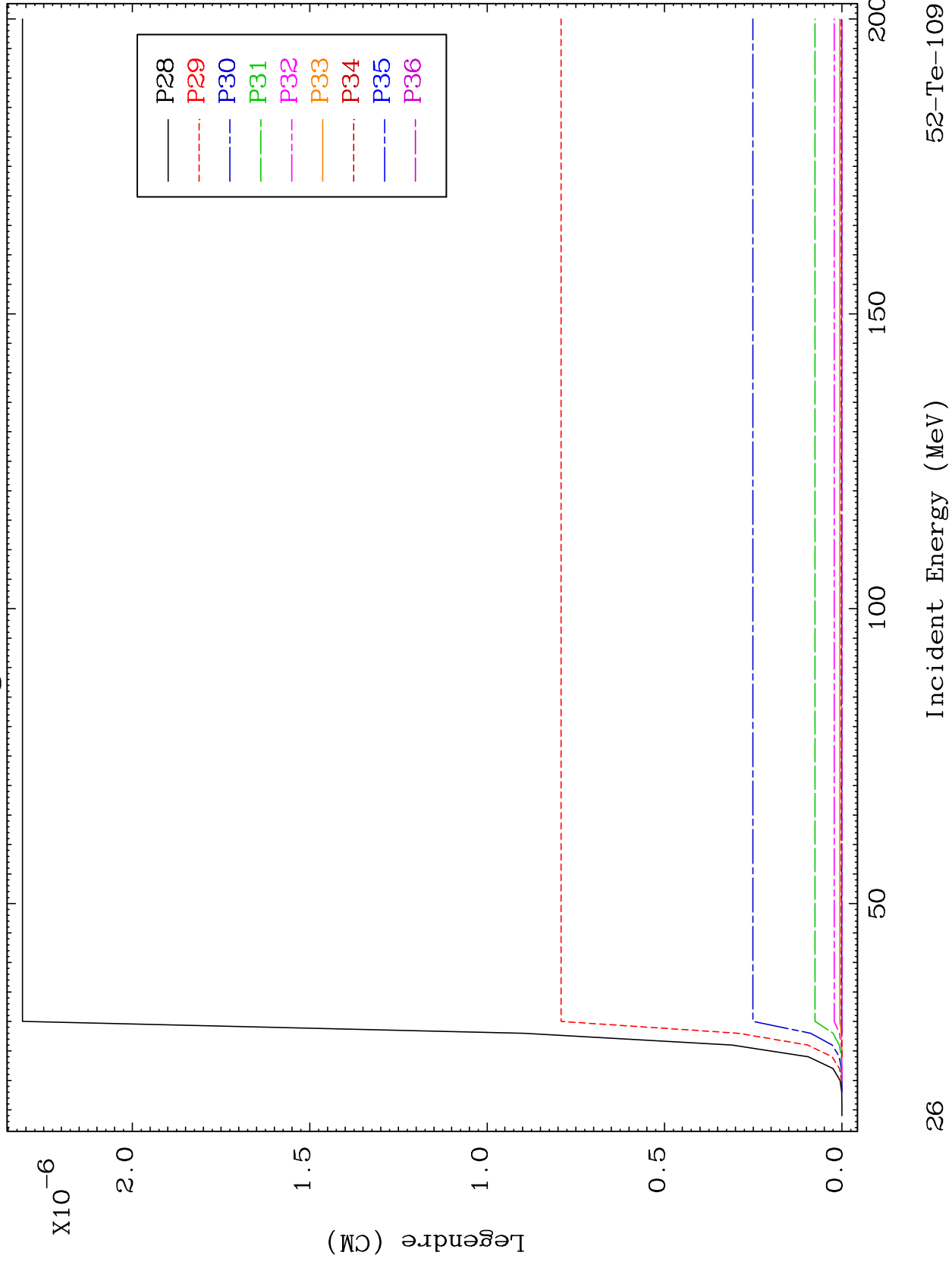
Incident Energy (MeV)

52-Te-109

MAT 5192

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

52-Te-109



26

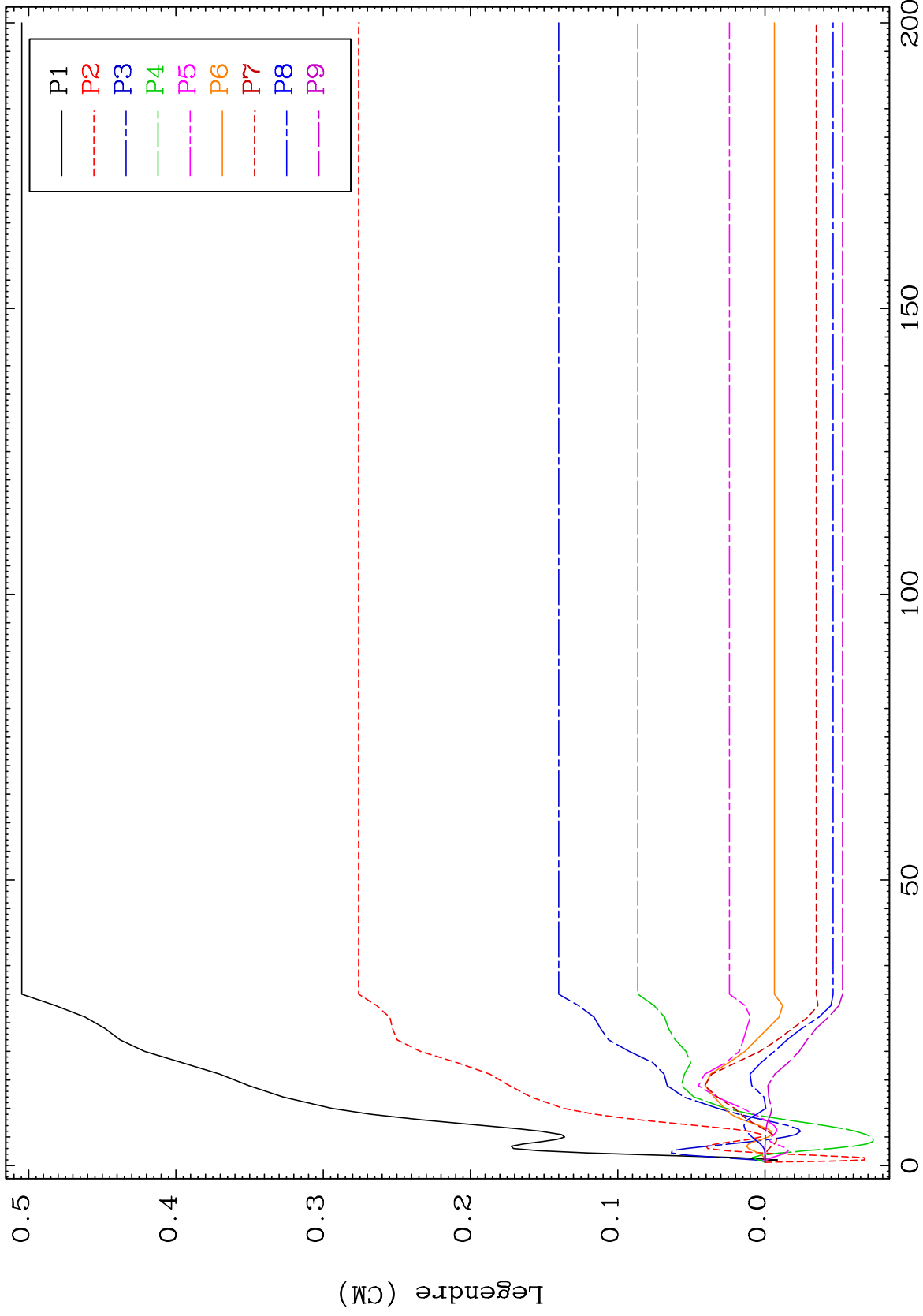
Incident Energy (MeV)

52-Te-109

MAT 5192

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

52-Te-109



27

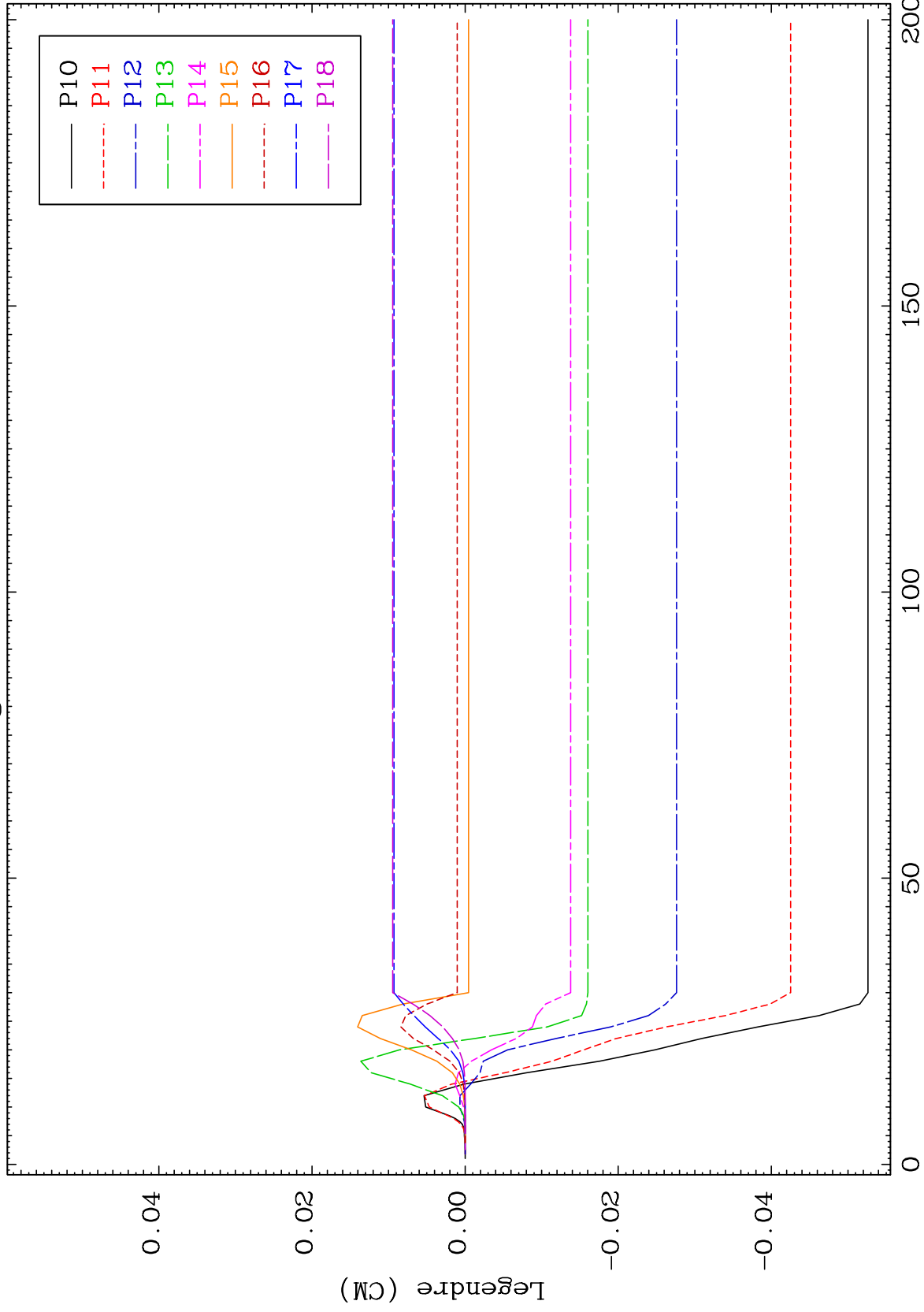
Incident Energy (MeV)

52-Te-109

MAT 5192

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

52-Te-109



28

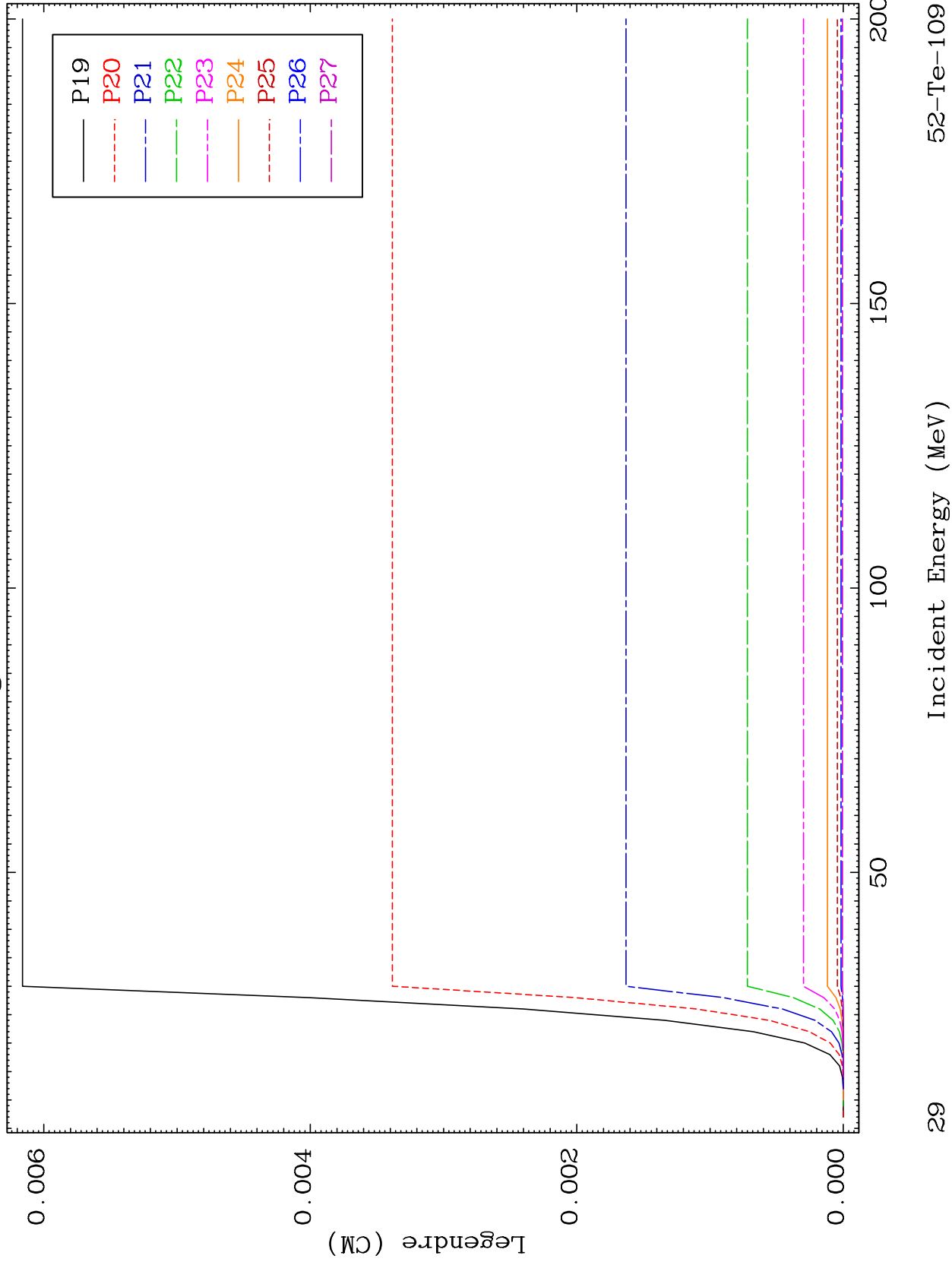
Incident Energy (MeV)

52-Te-109

MAT 5192

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

52-Te-109



29

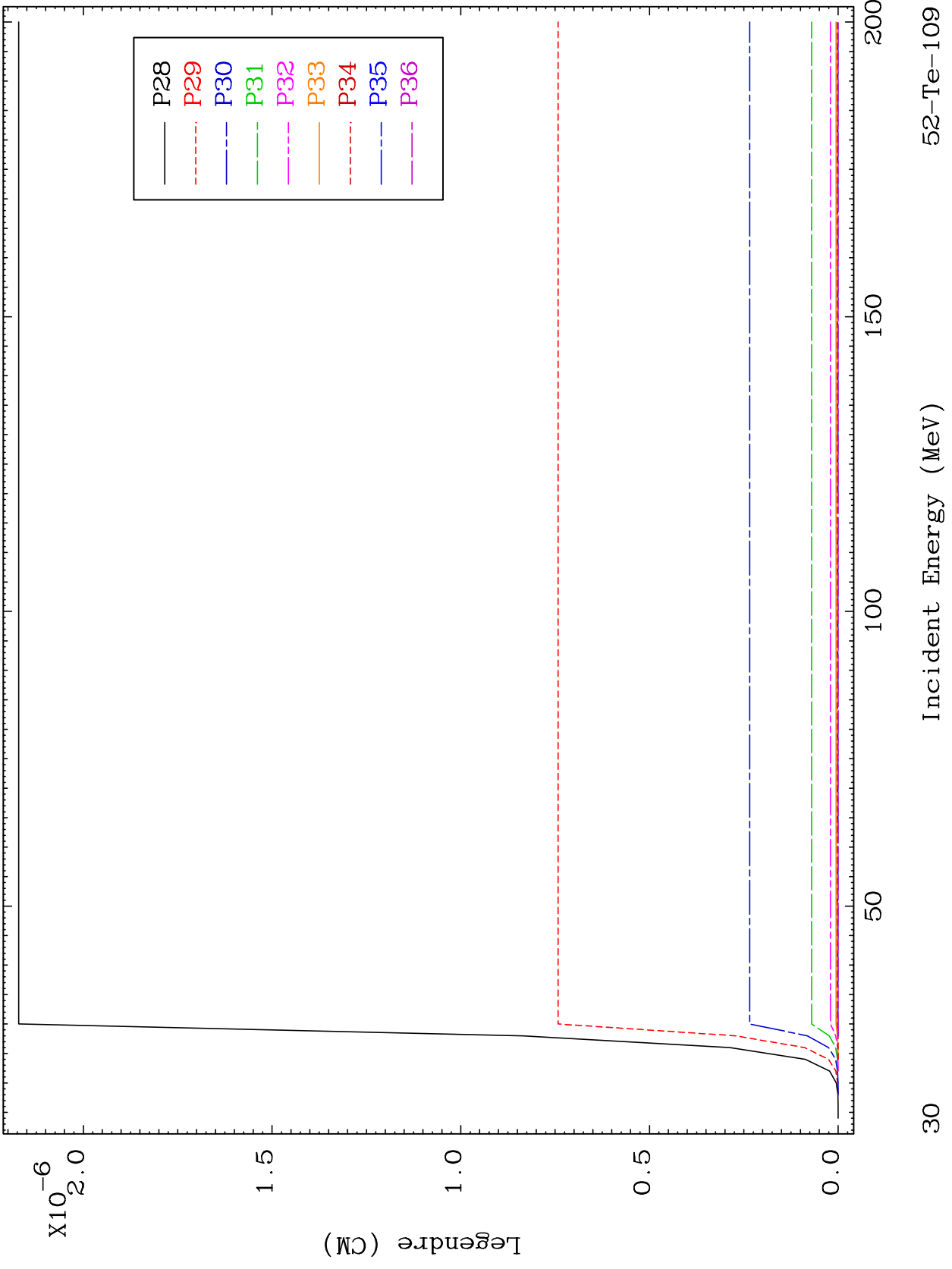
Incident Energy (MeV)

52-Te-109

MAT 5192

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

52-Te-109



52-Te-109

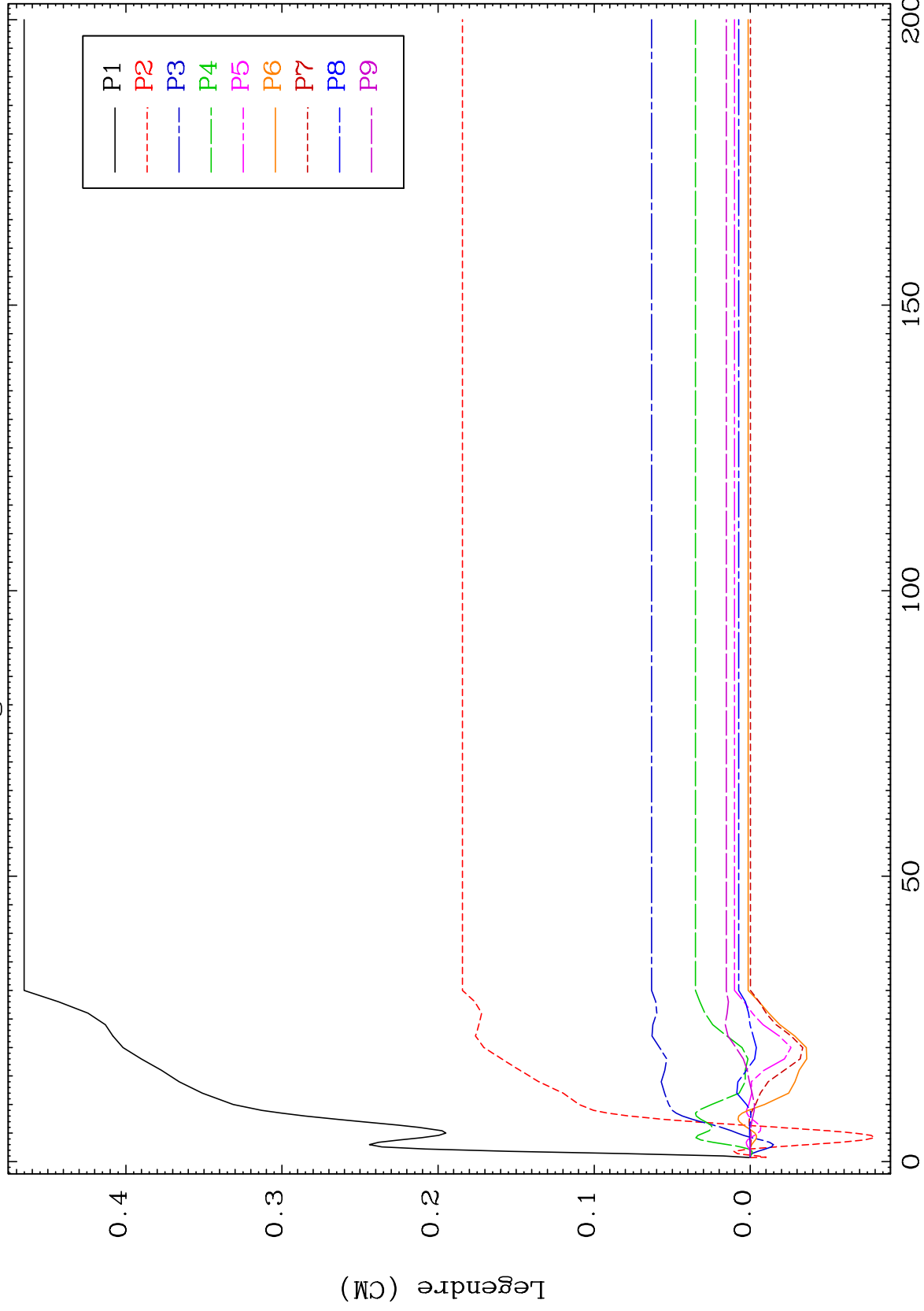
Incident Energy (MeV)

30

MAT 5192

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

52-Te-109

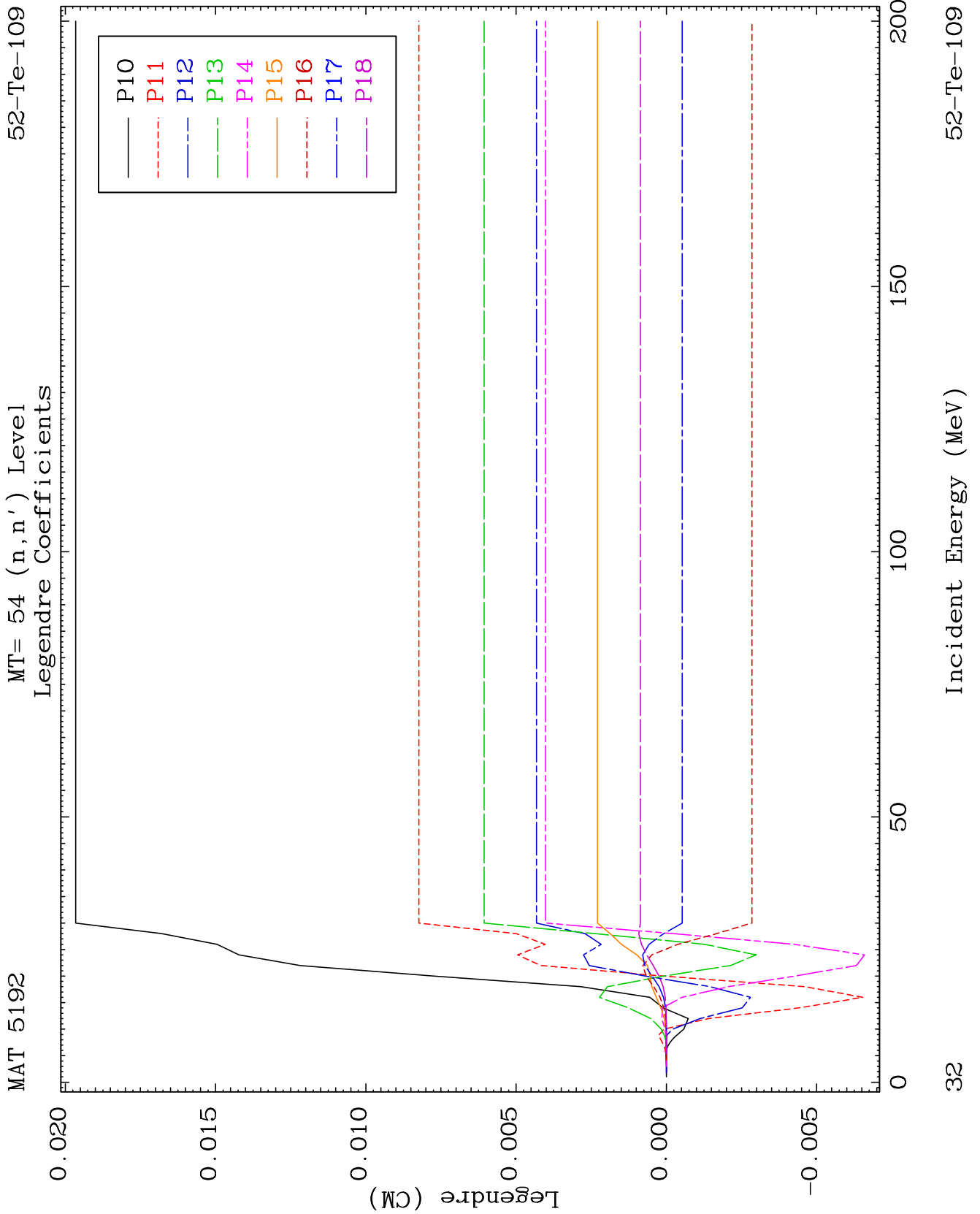


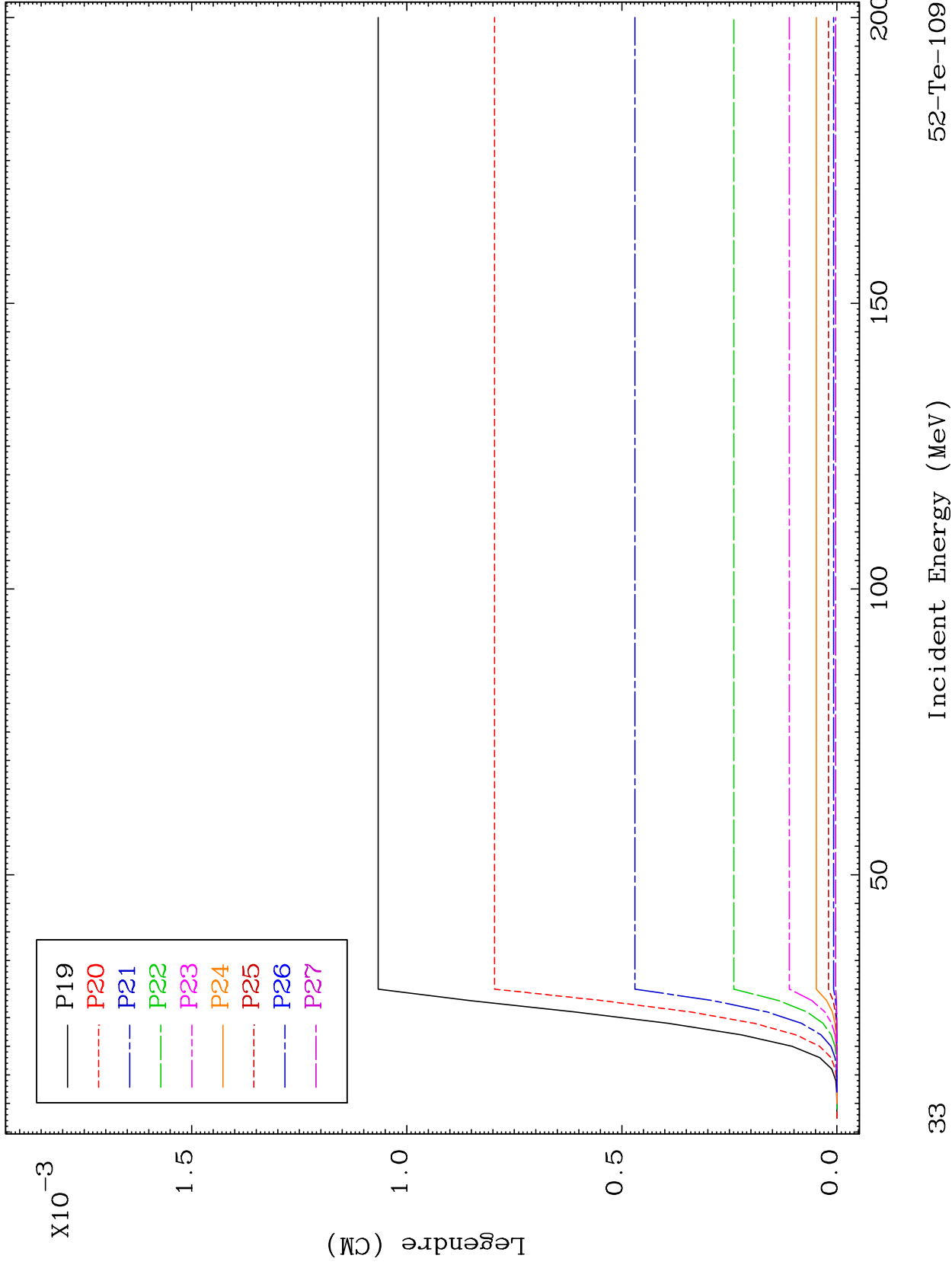
31

Incident Energy (MeV)

52-Te-109



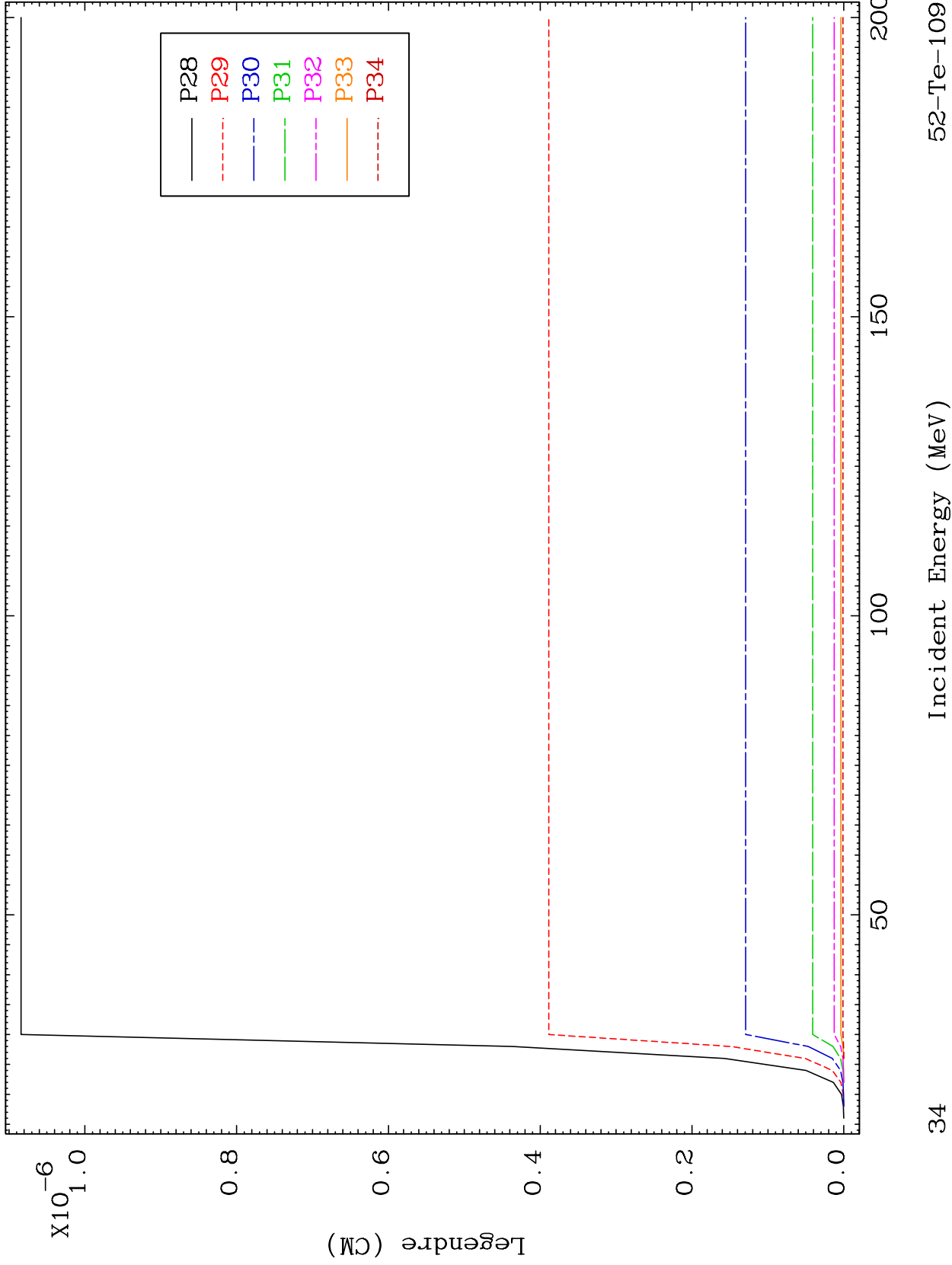




MAT 5192

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

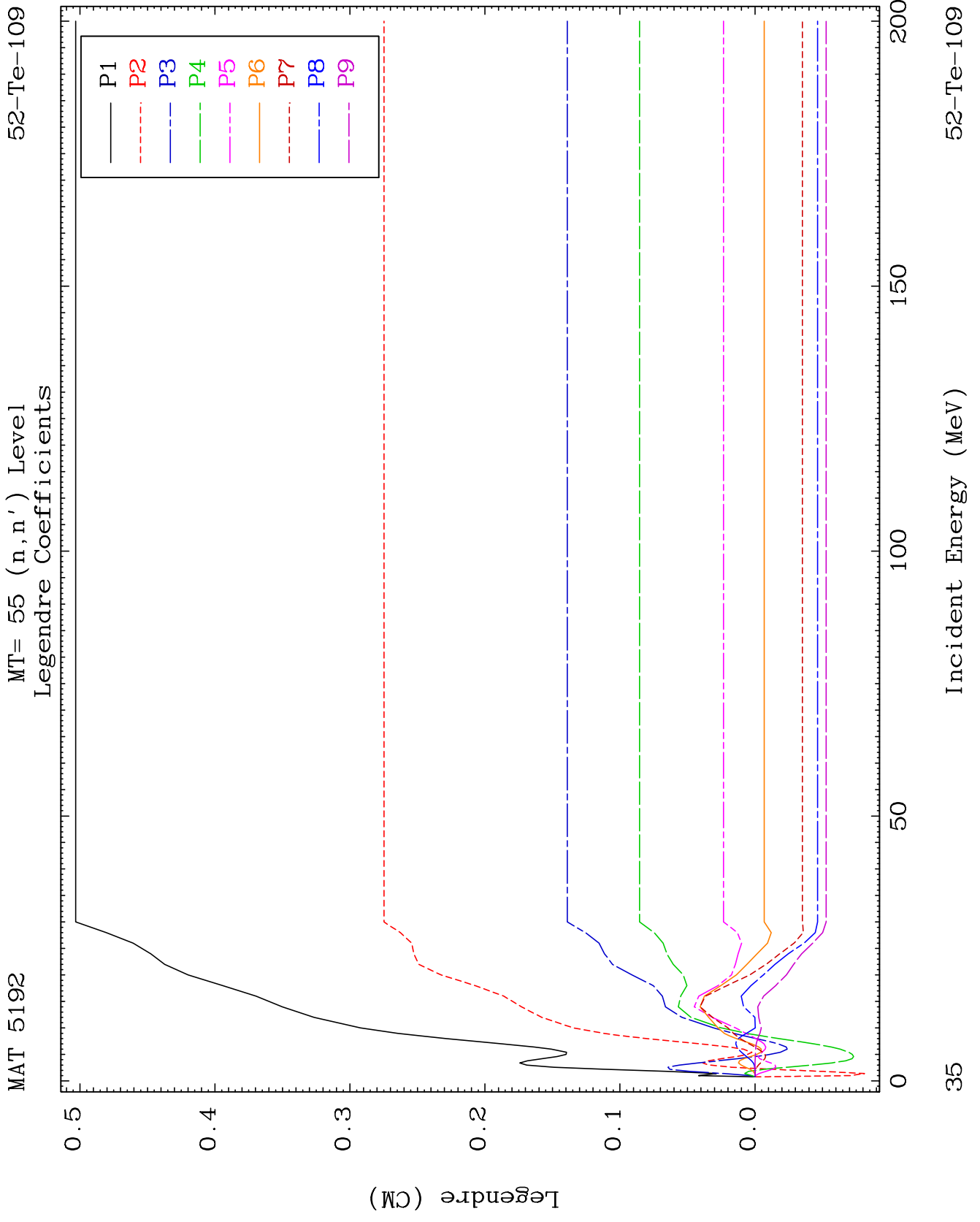
52-Te-109



34

Incident Energy (MeV)

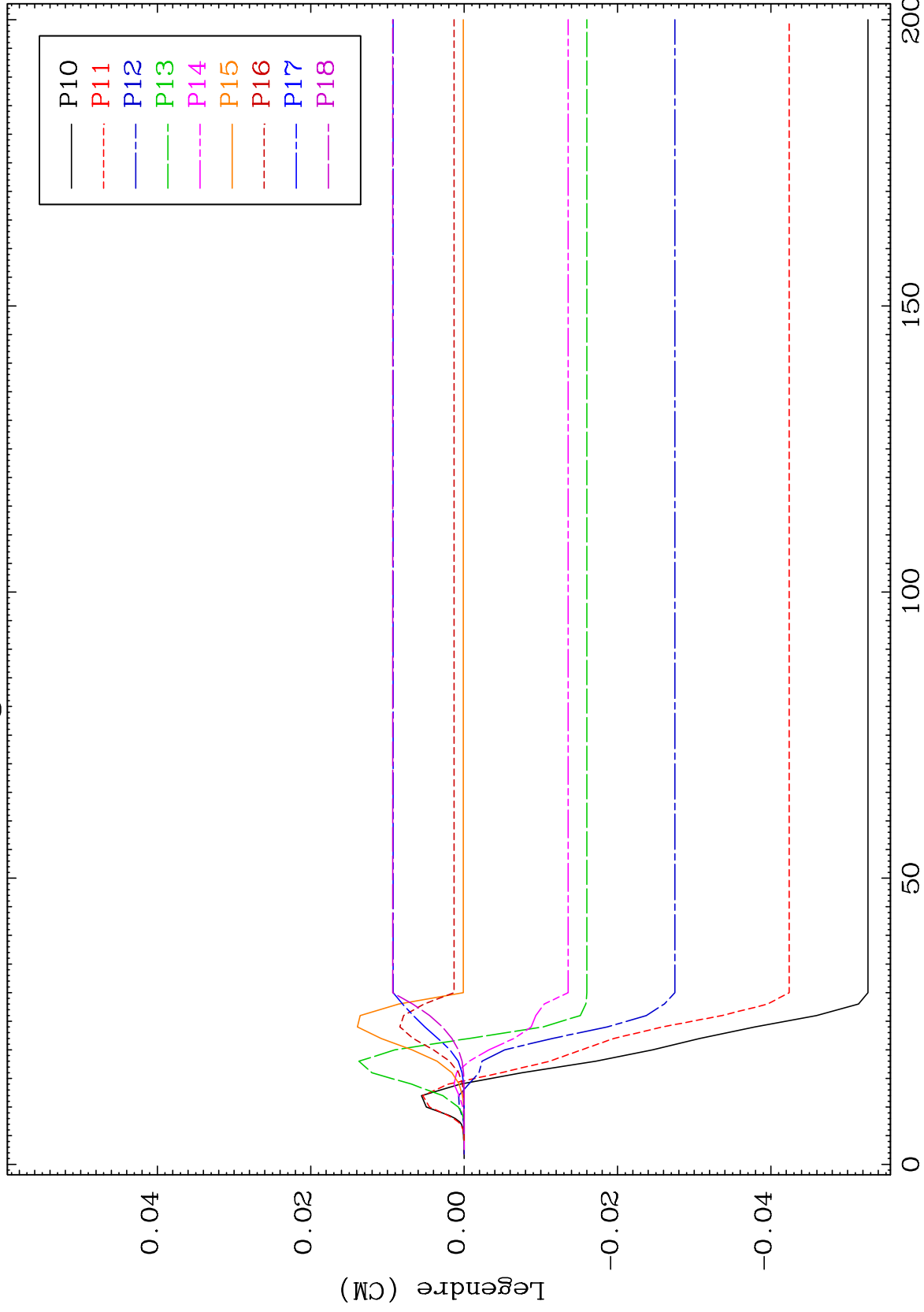
52-Te-109



MAT 5192

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

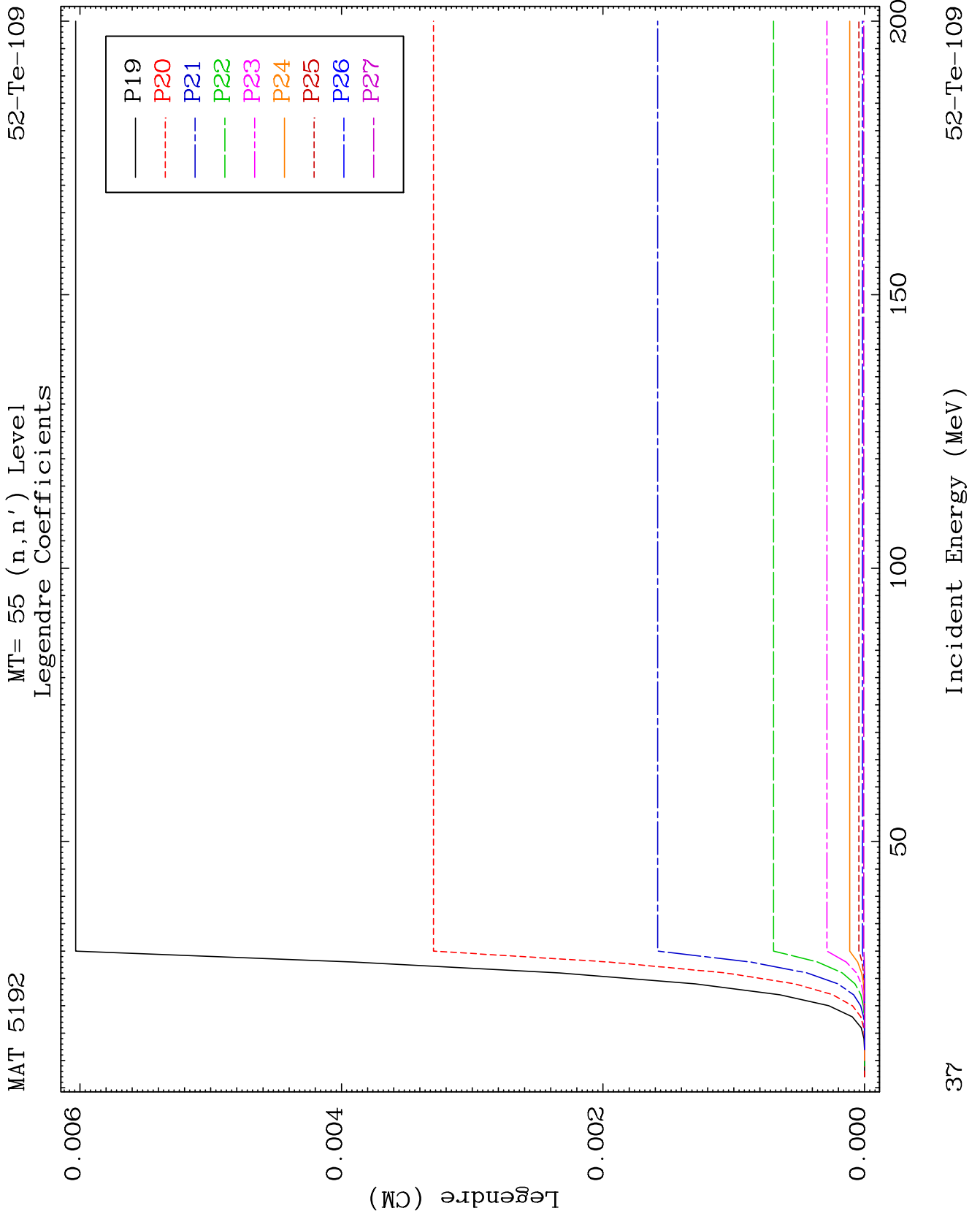
52-Te-109



36

Incident Energy (MeV)

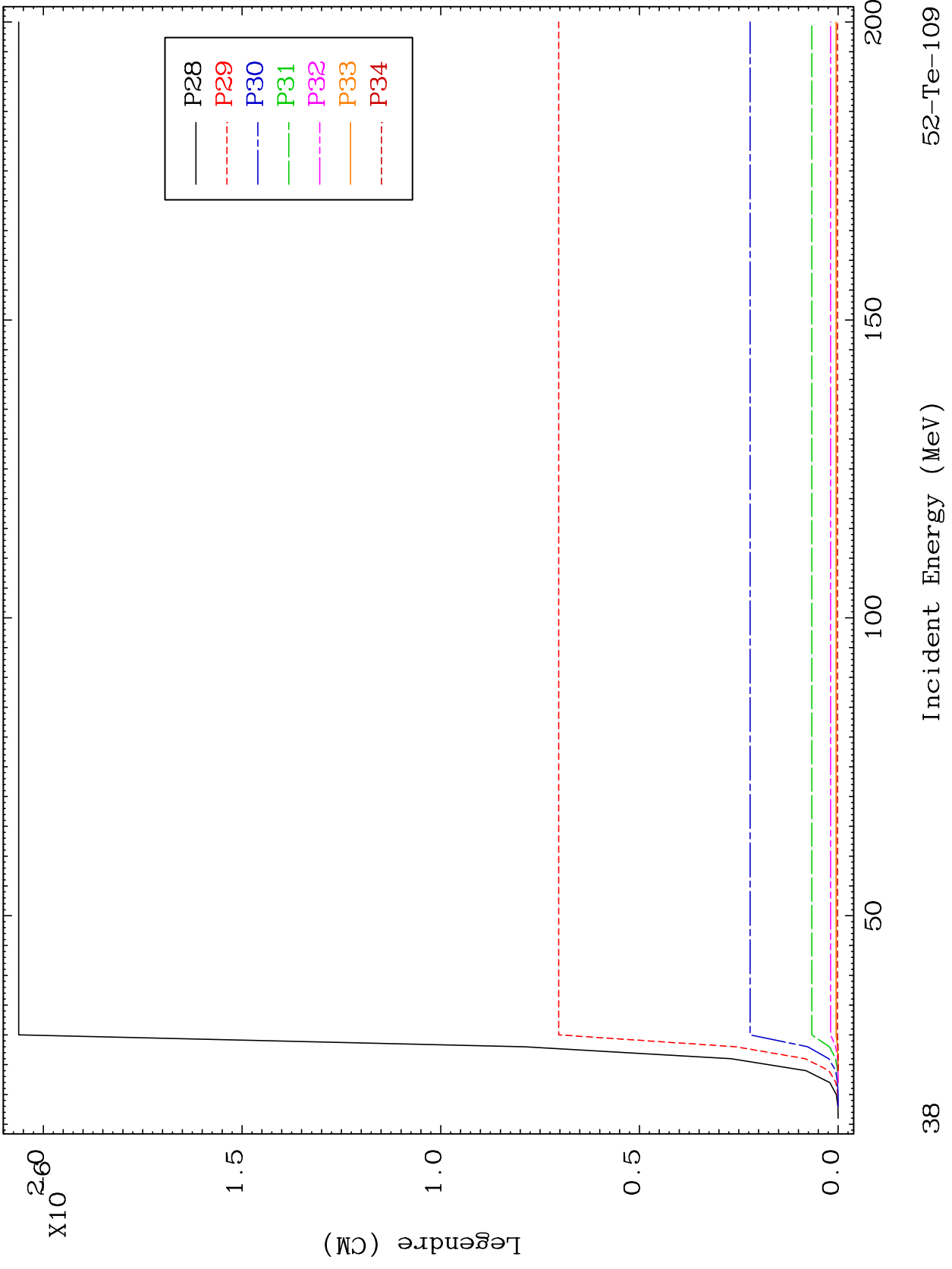
52-Te-109



MAT 5192

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

52-Te-109

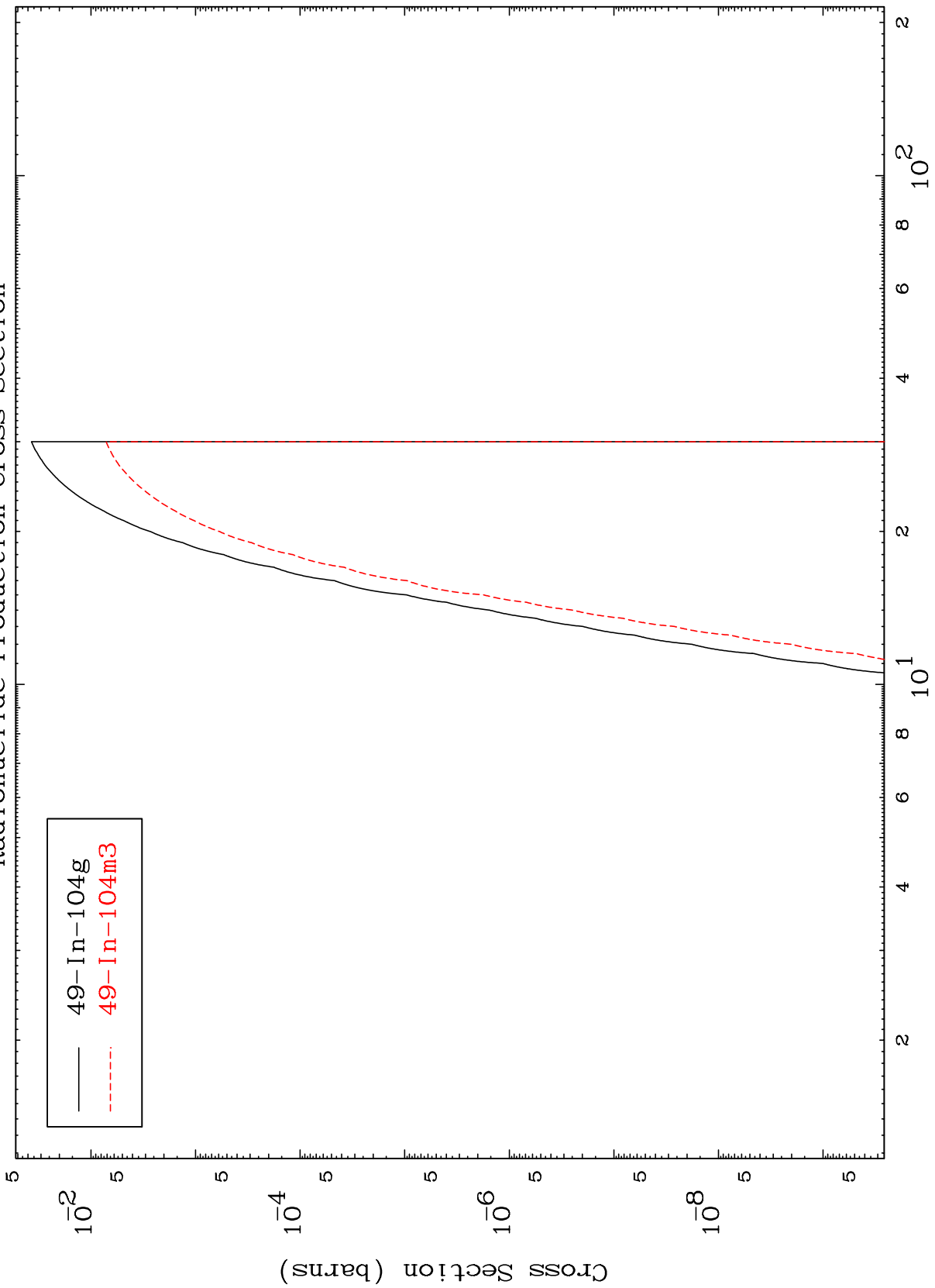


MAT 5192

(n,n') p  $\alpha$

52-Te-109

Radionuclide Production Cross Section



39

Incident Energy (MeV)

52-Te-109

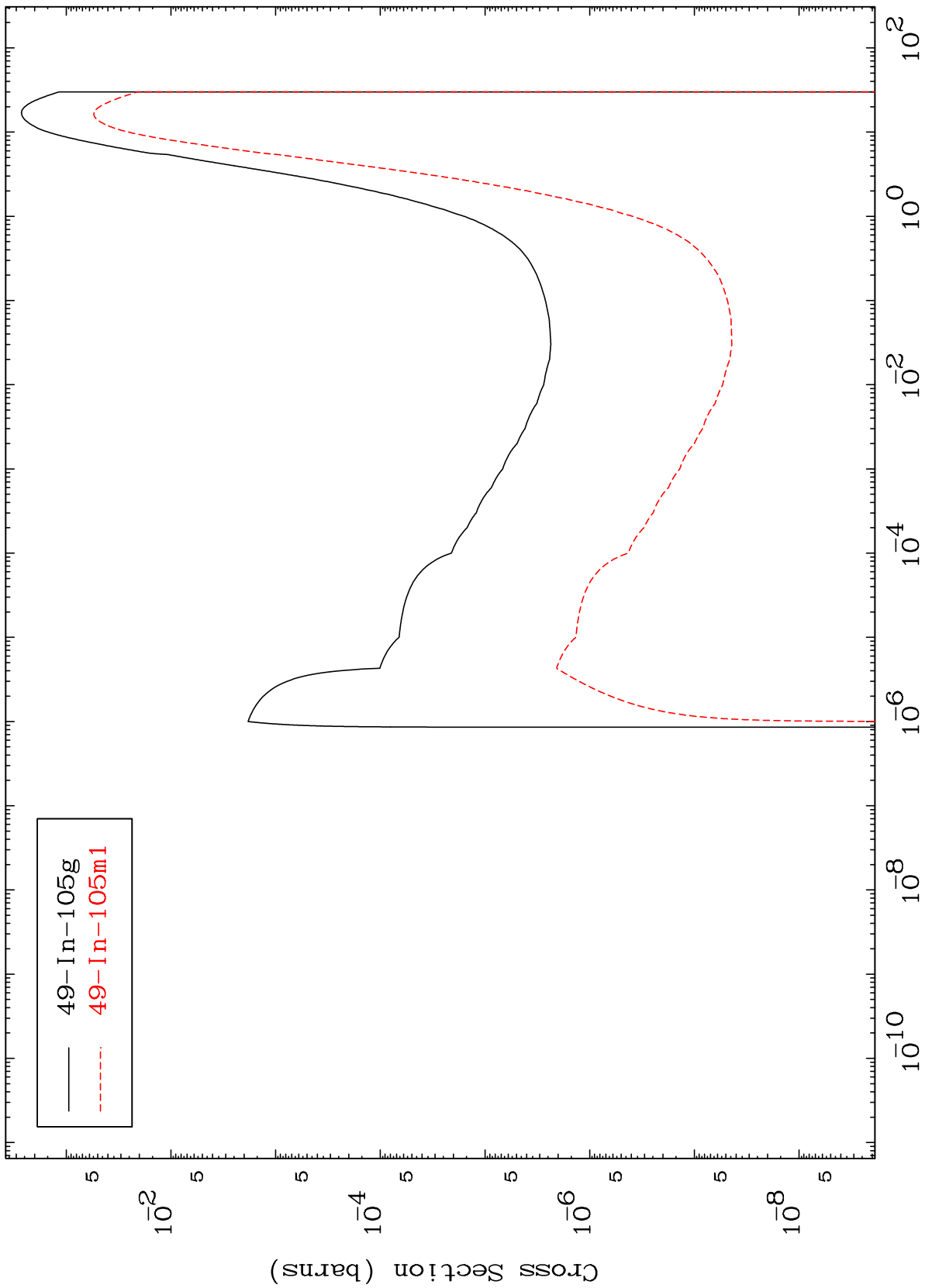
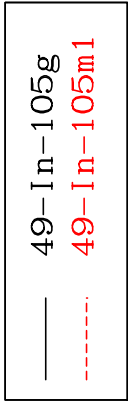


MAT 5192

(n,p)  $\alpha$

52-Te-109

Radionuclide Production Cross Section



40

Incident Energy (MeV)

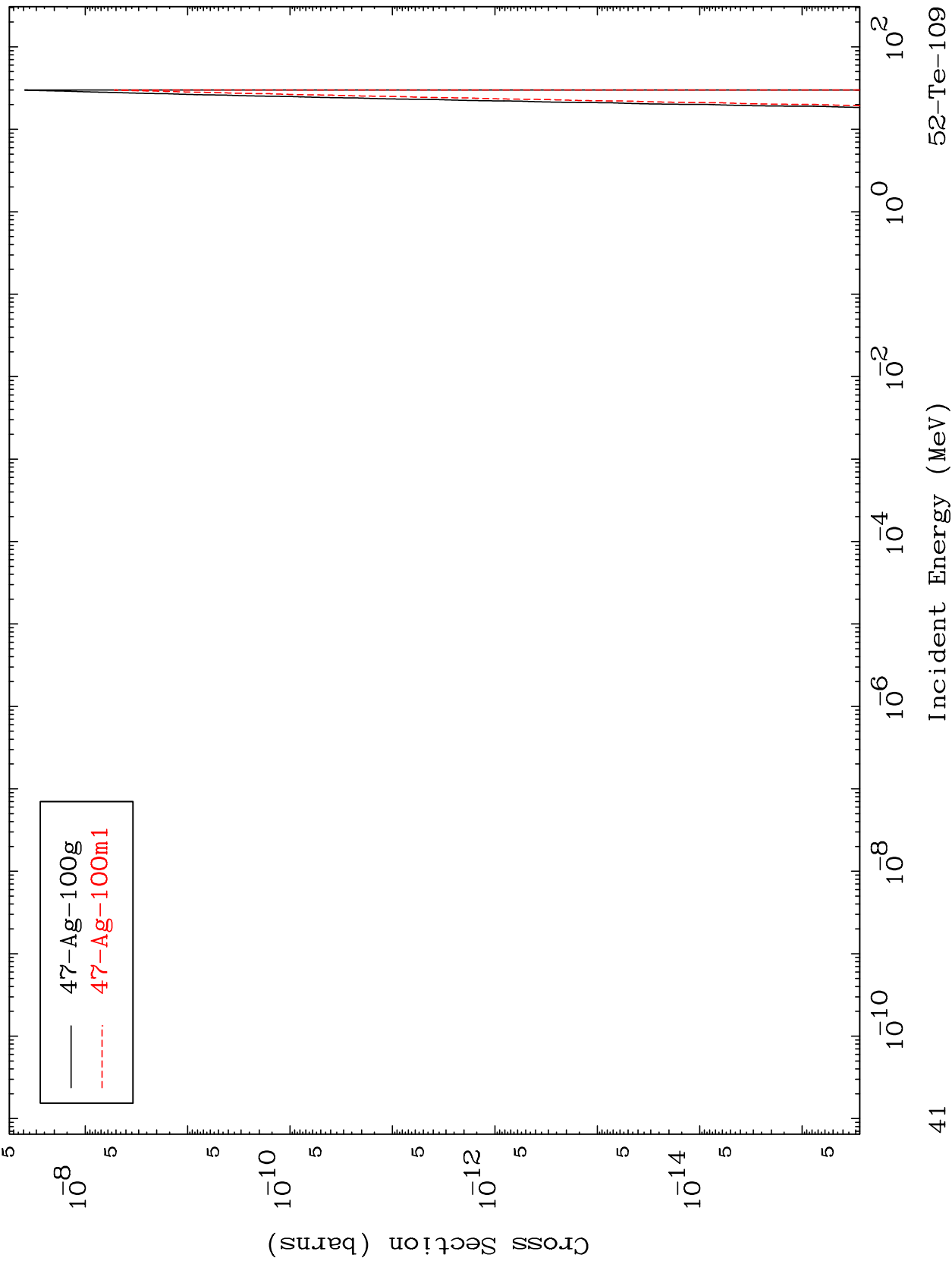
52-Te-109

MAT 5192

(n,d) 2 $\alpha$

52-Te-109

Radionuclide Production Cross Section

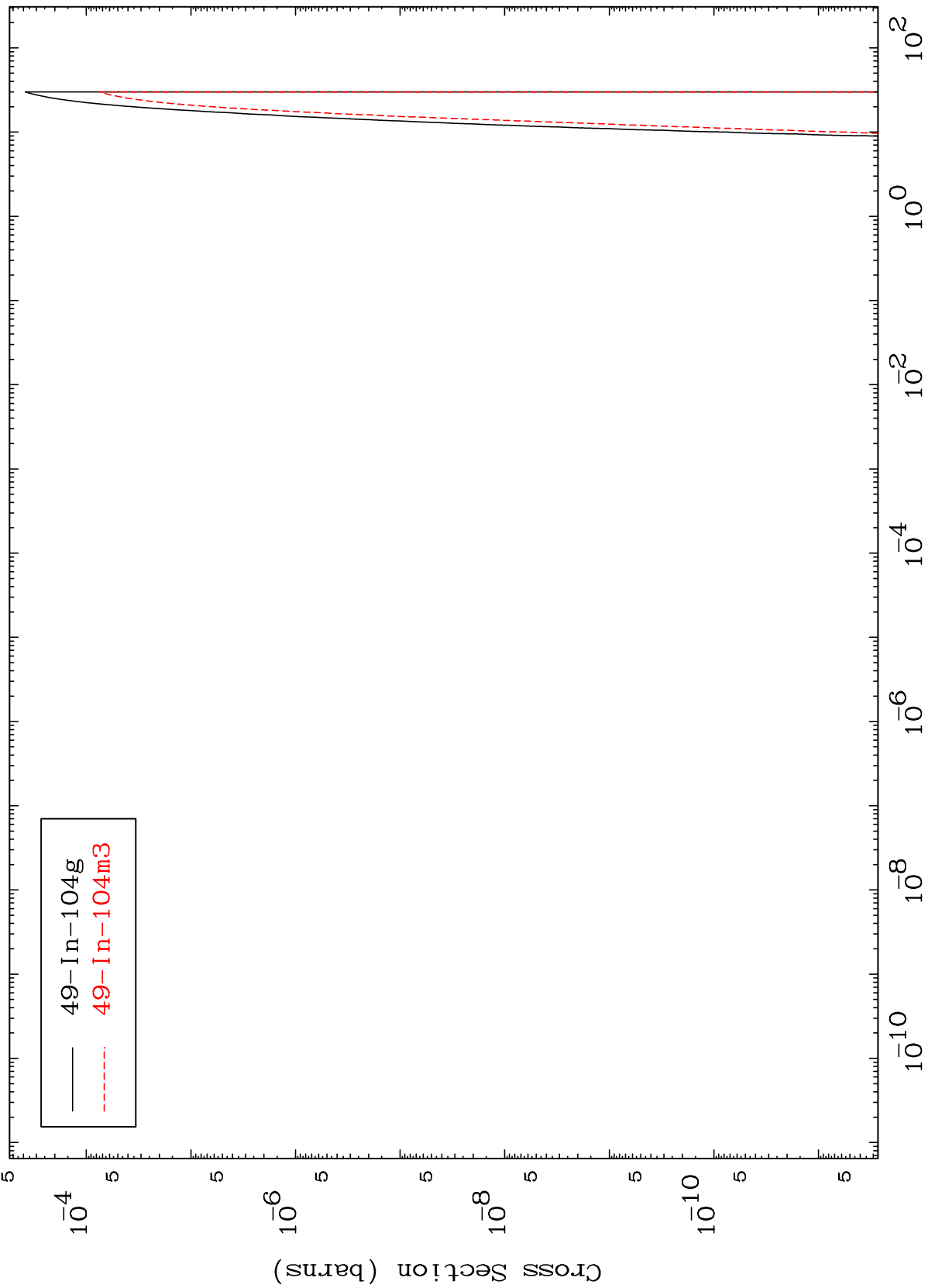


MAT 5192

(n,d)  $\alpha$

52-Te-109

Radionuclide Production Cross Section



49-In-104g  
49-In-104m3

Incident Energy (MeV)

52-Te-109

42