

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

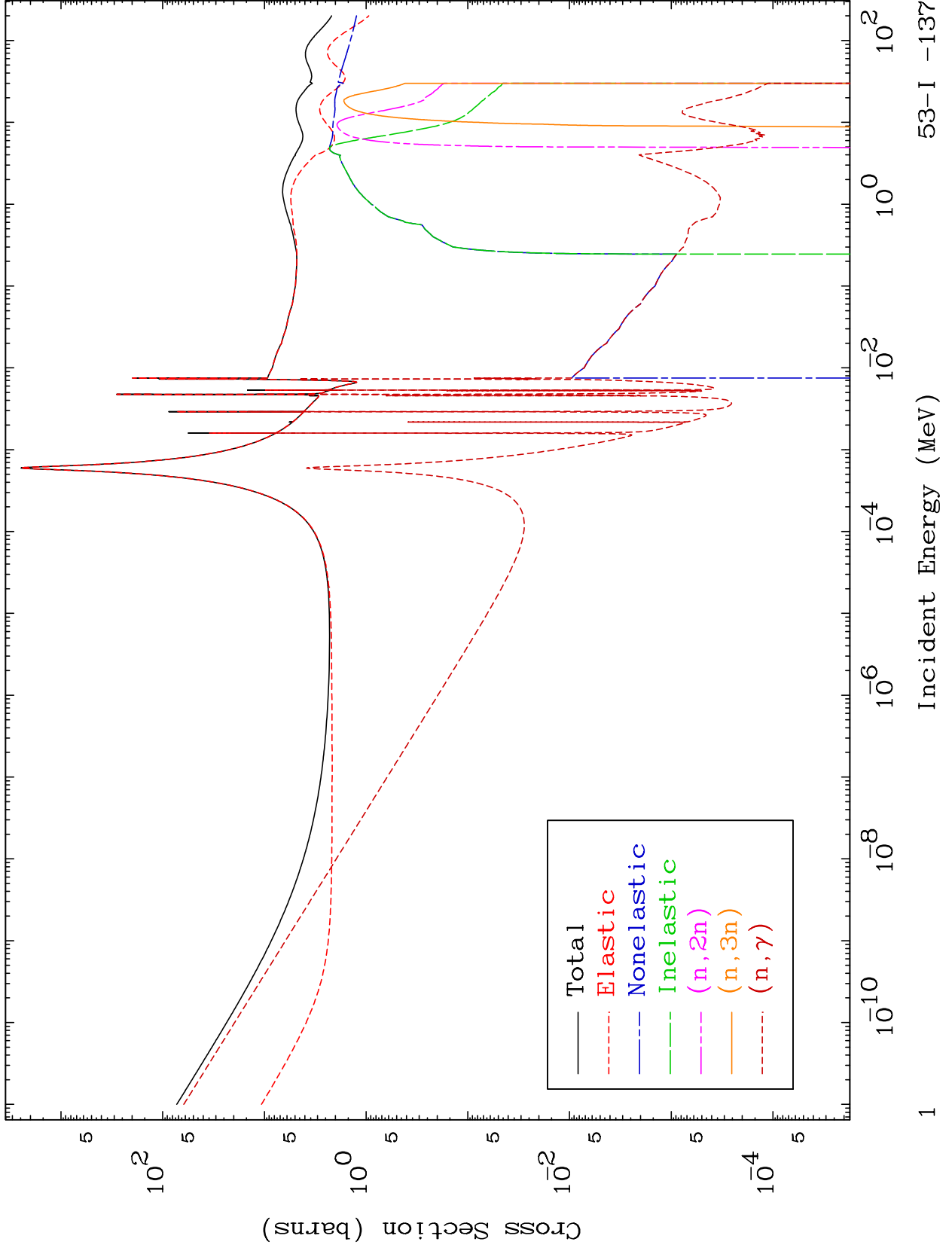
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5355

Neutron Major  
293 Kelvin Cross Sections

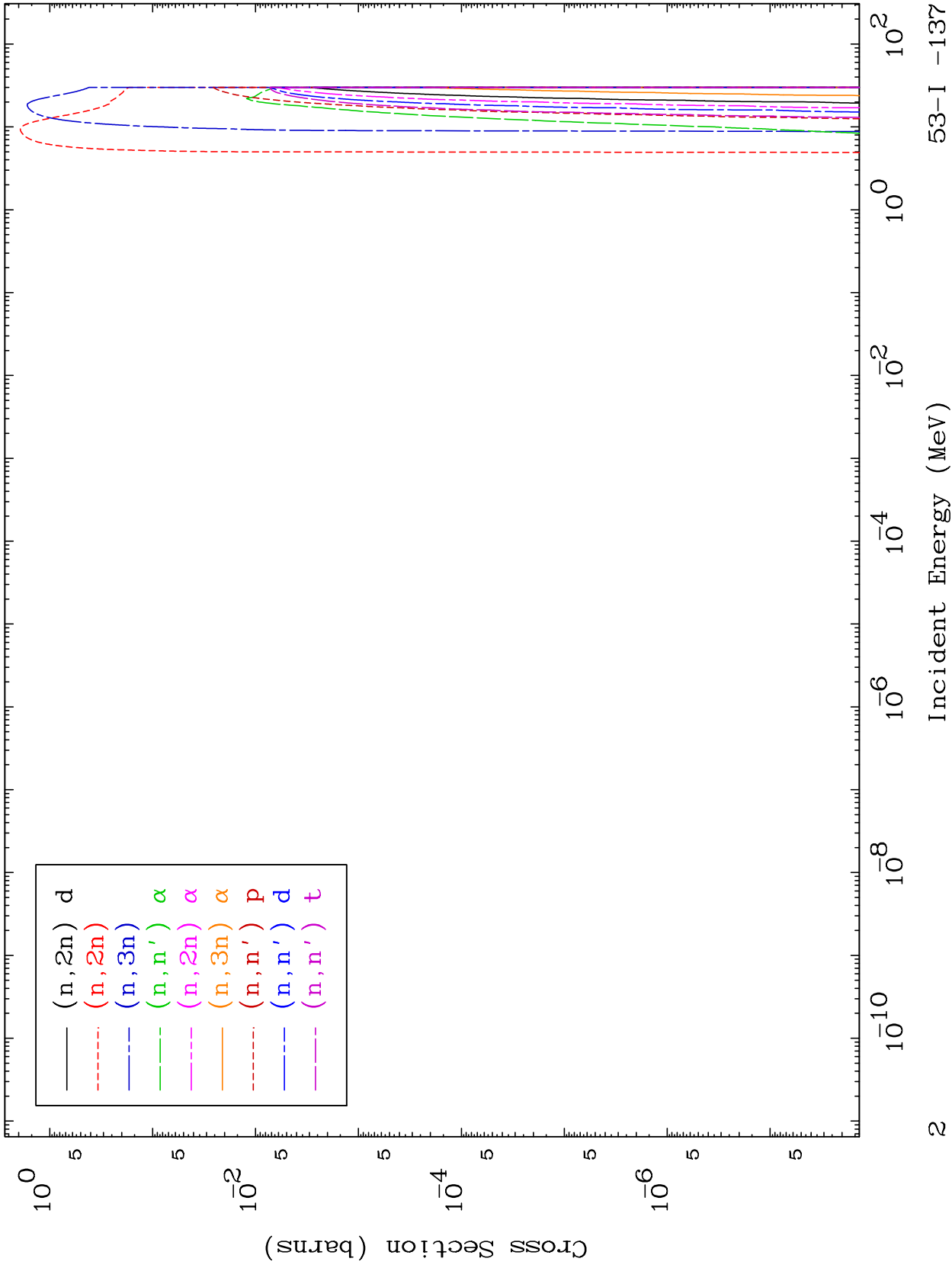
53-I -137

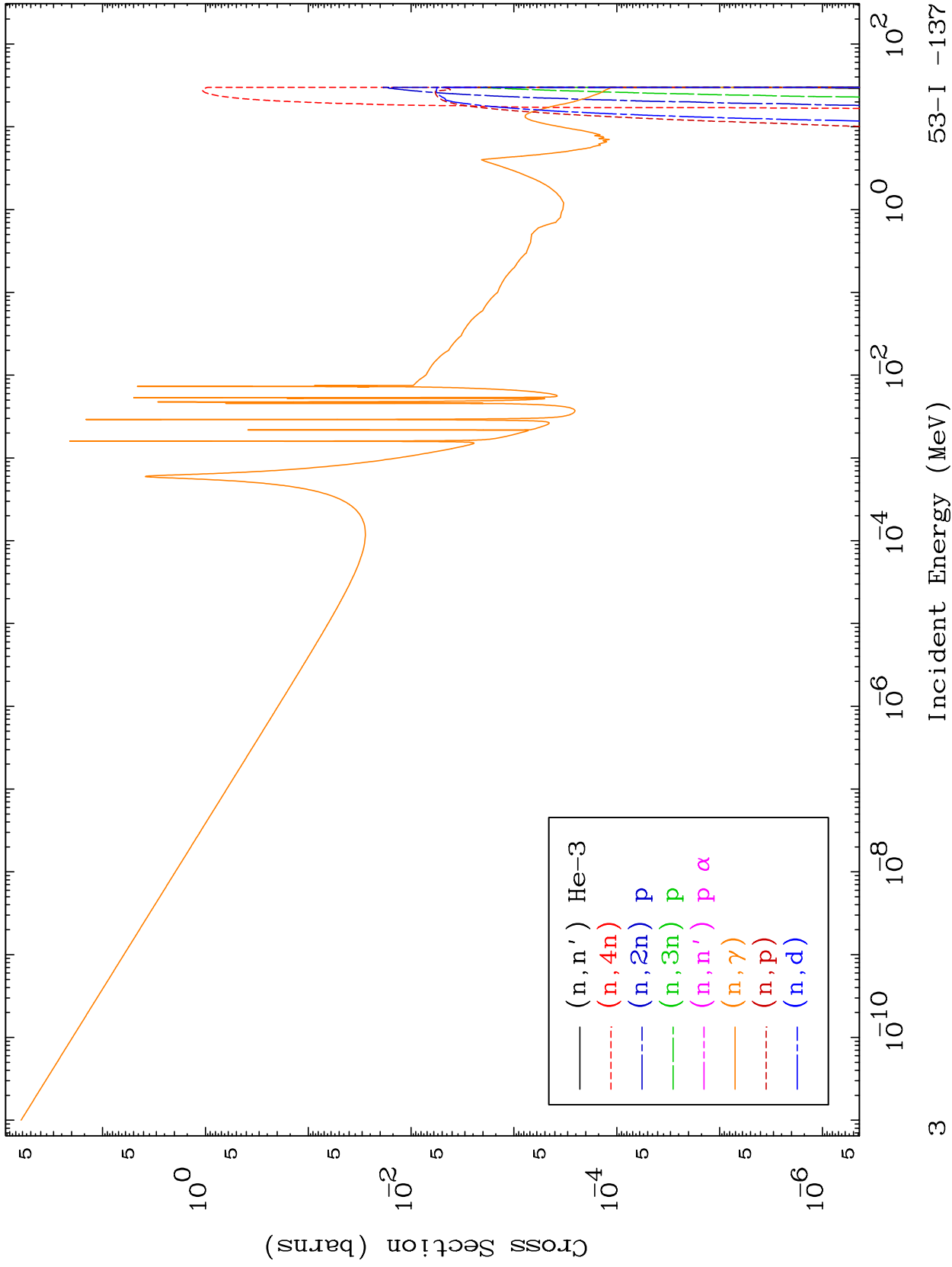


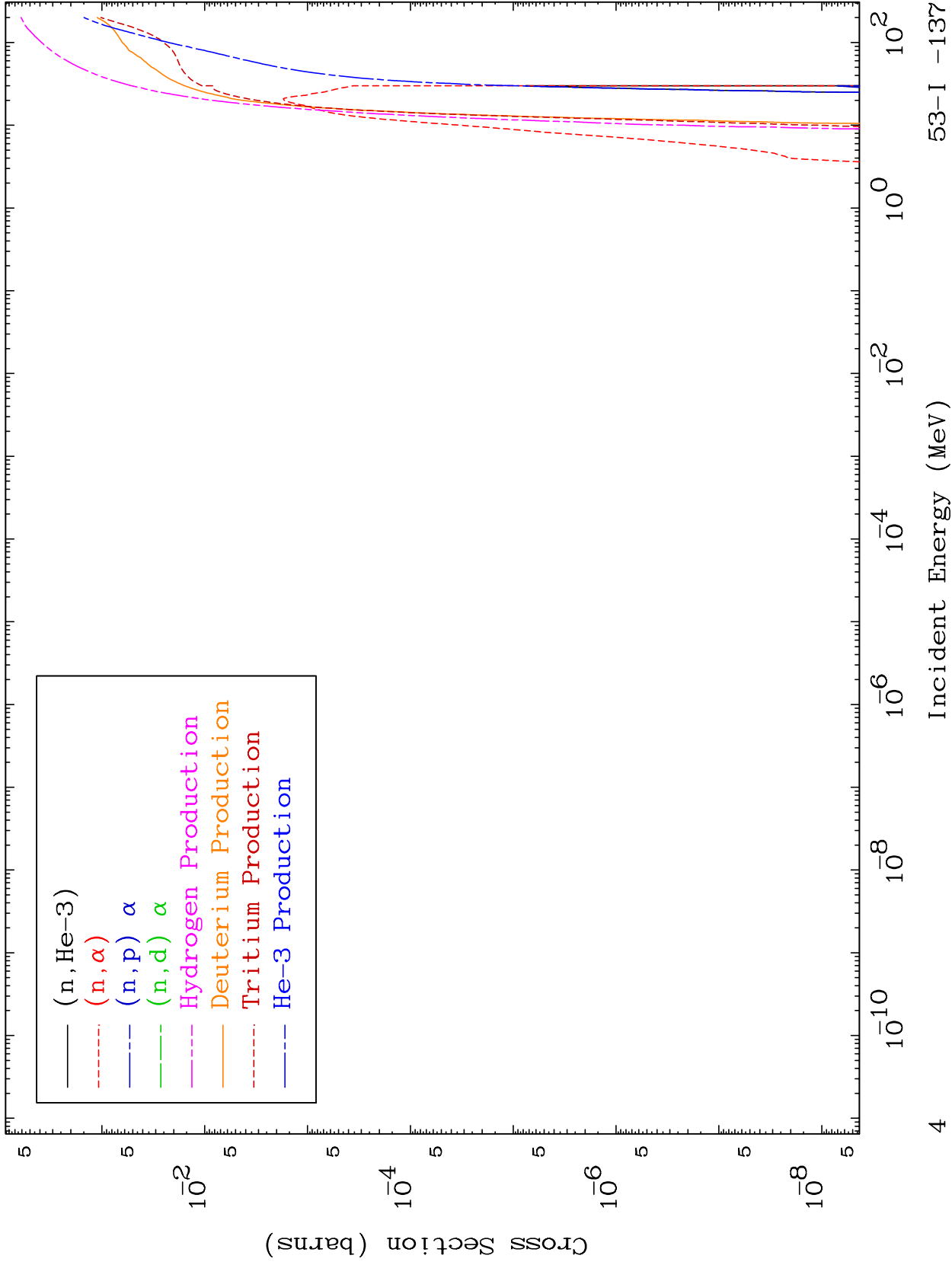
MAT 5355

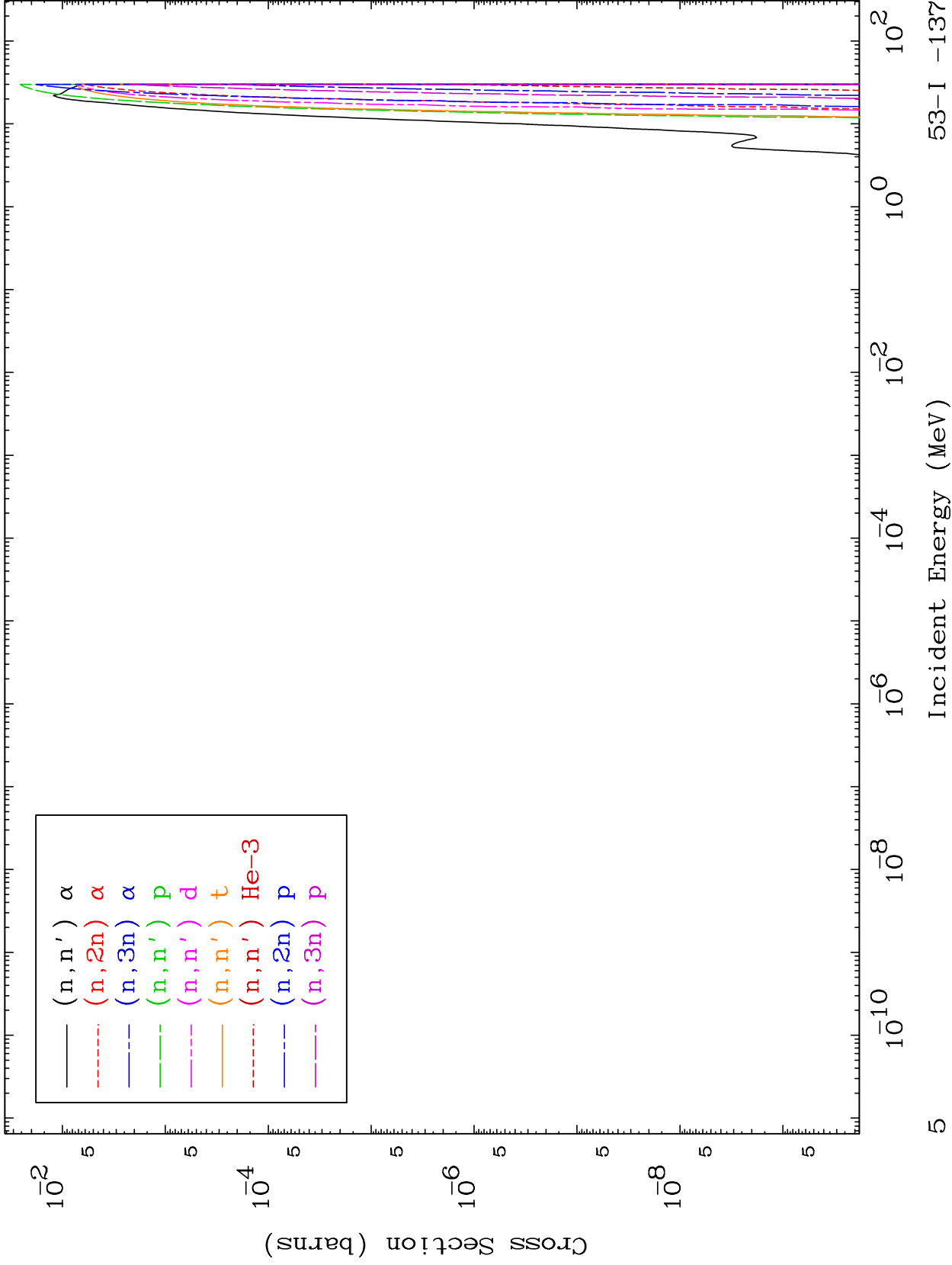
Neutron Absorption  
293 Kelvin Cross Sections

53-I -137





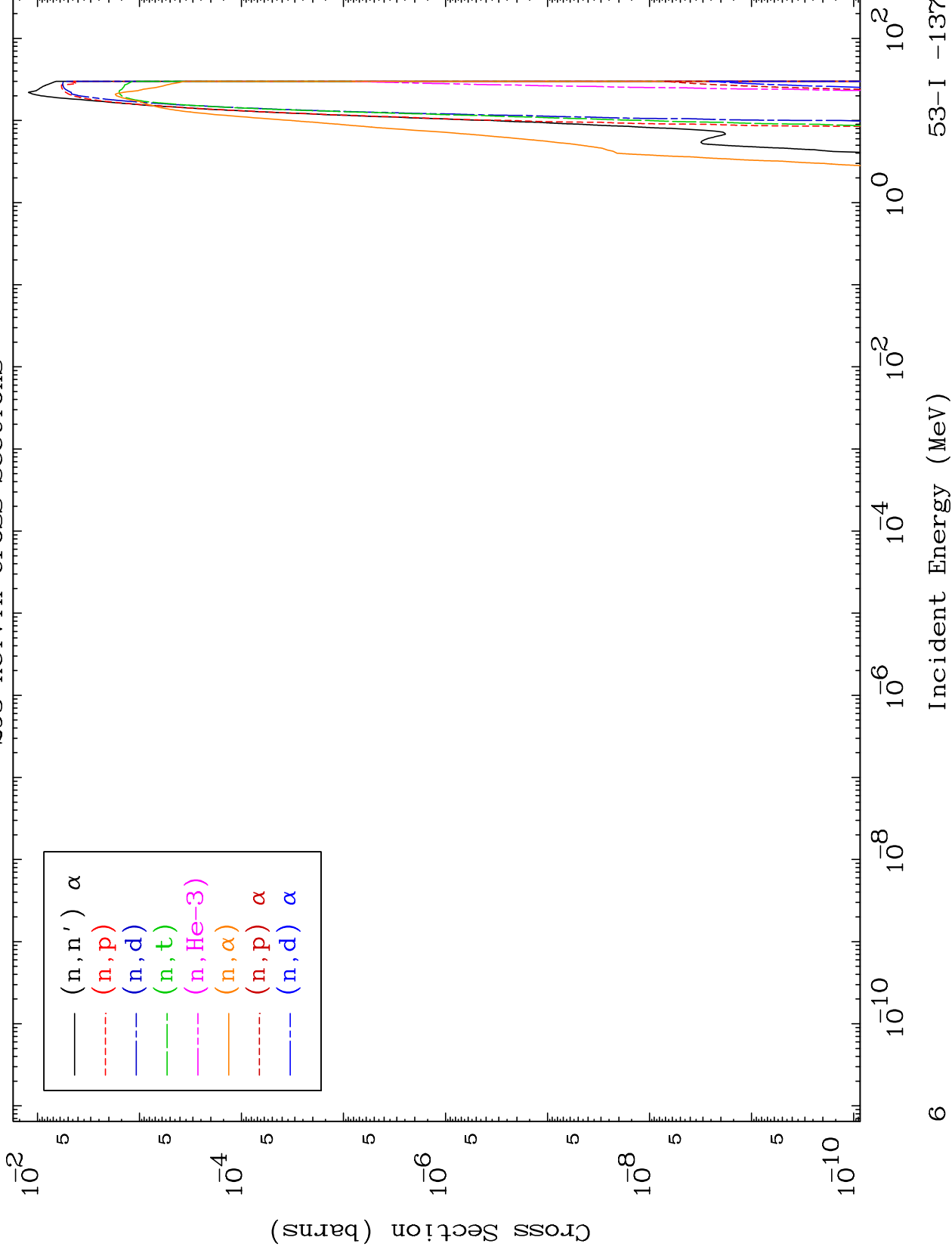


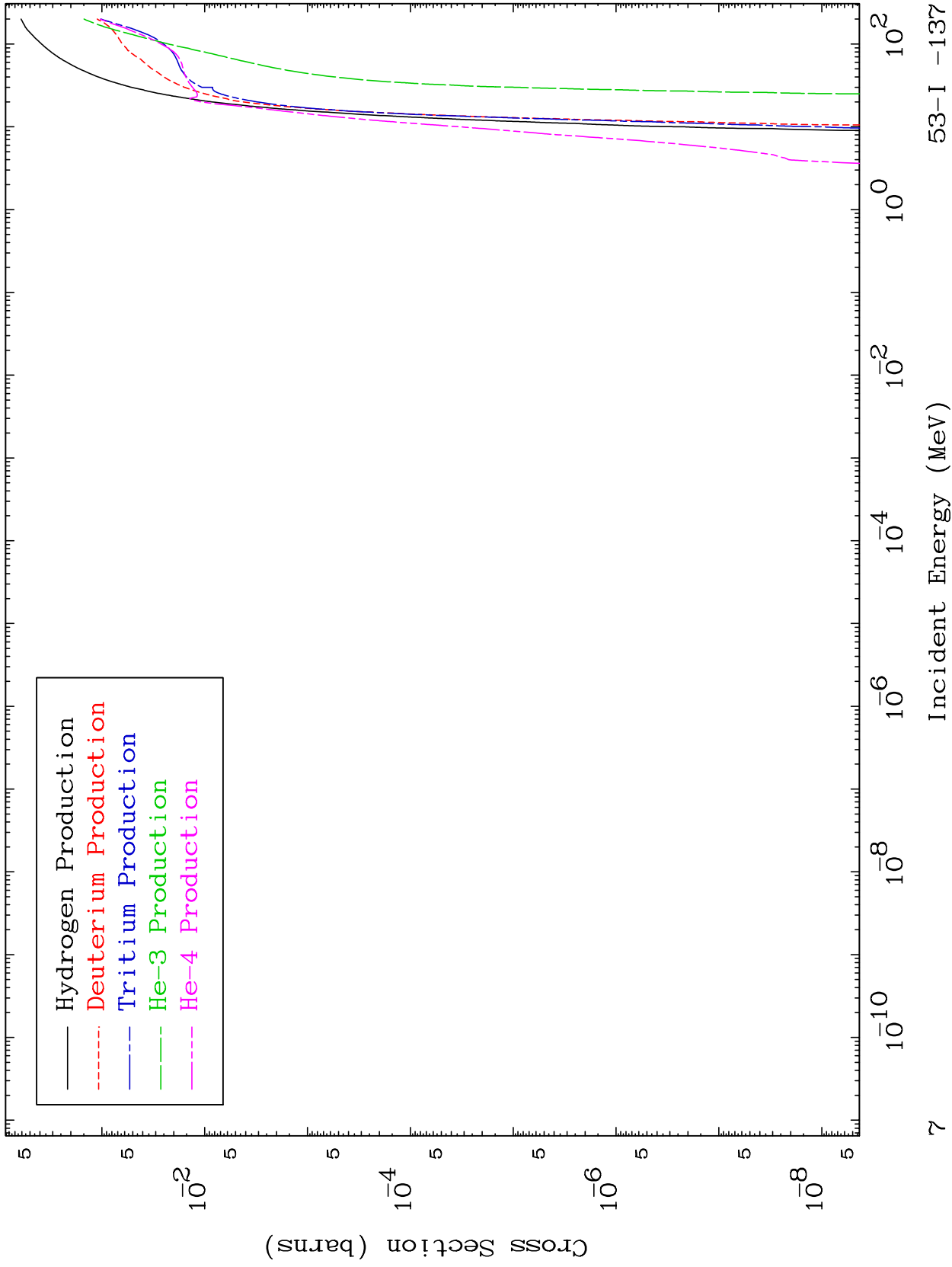


MAT 5355

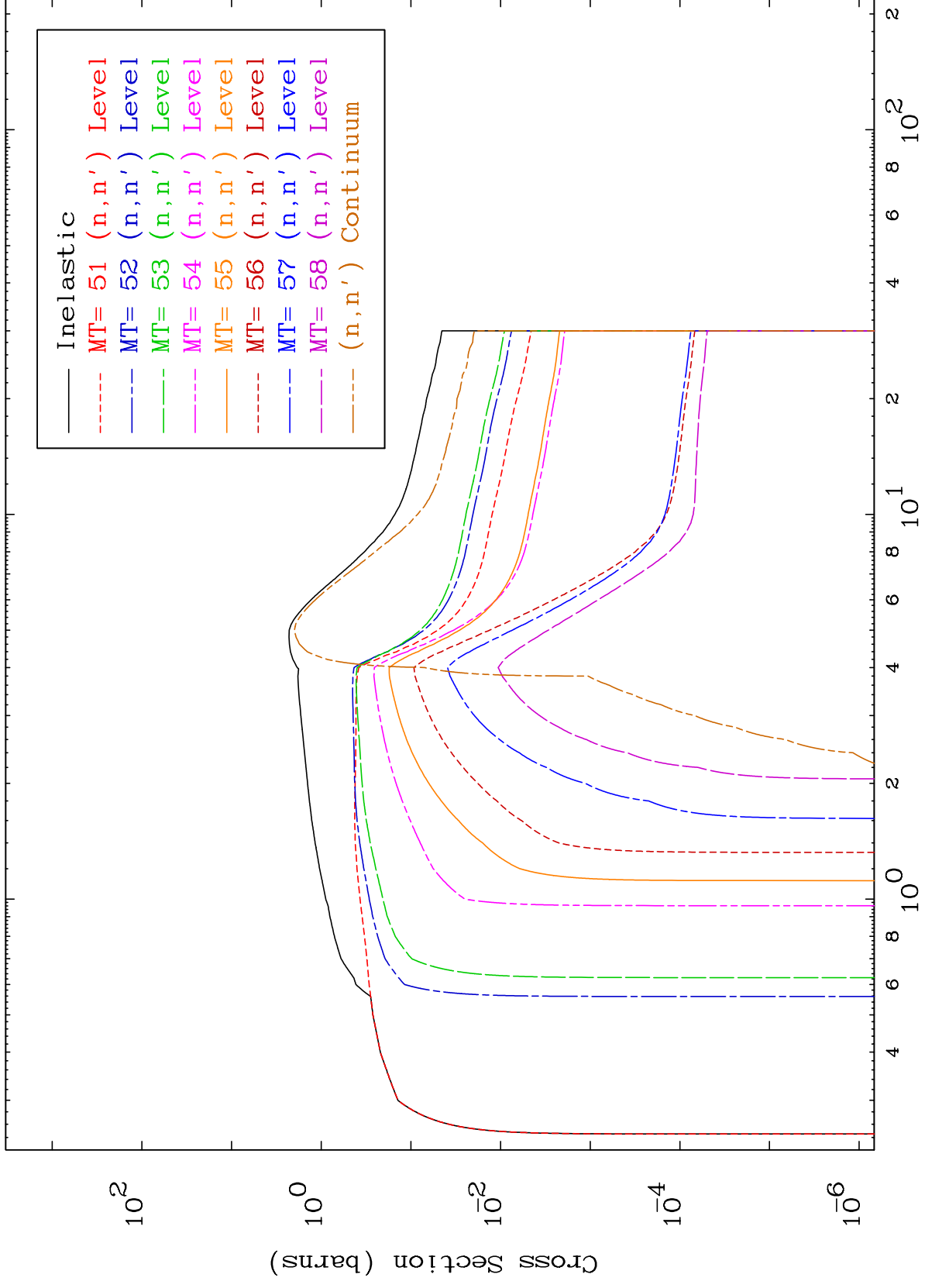
Charged Particle  
293 Kelvin Cross Sections

53-I -137





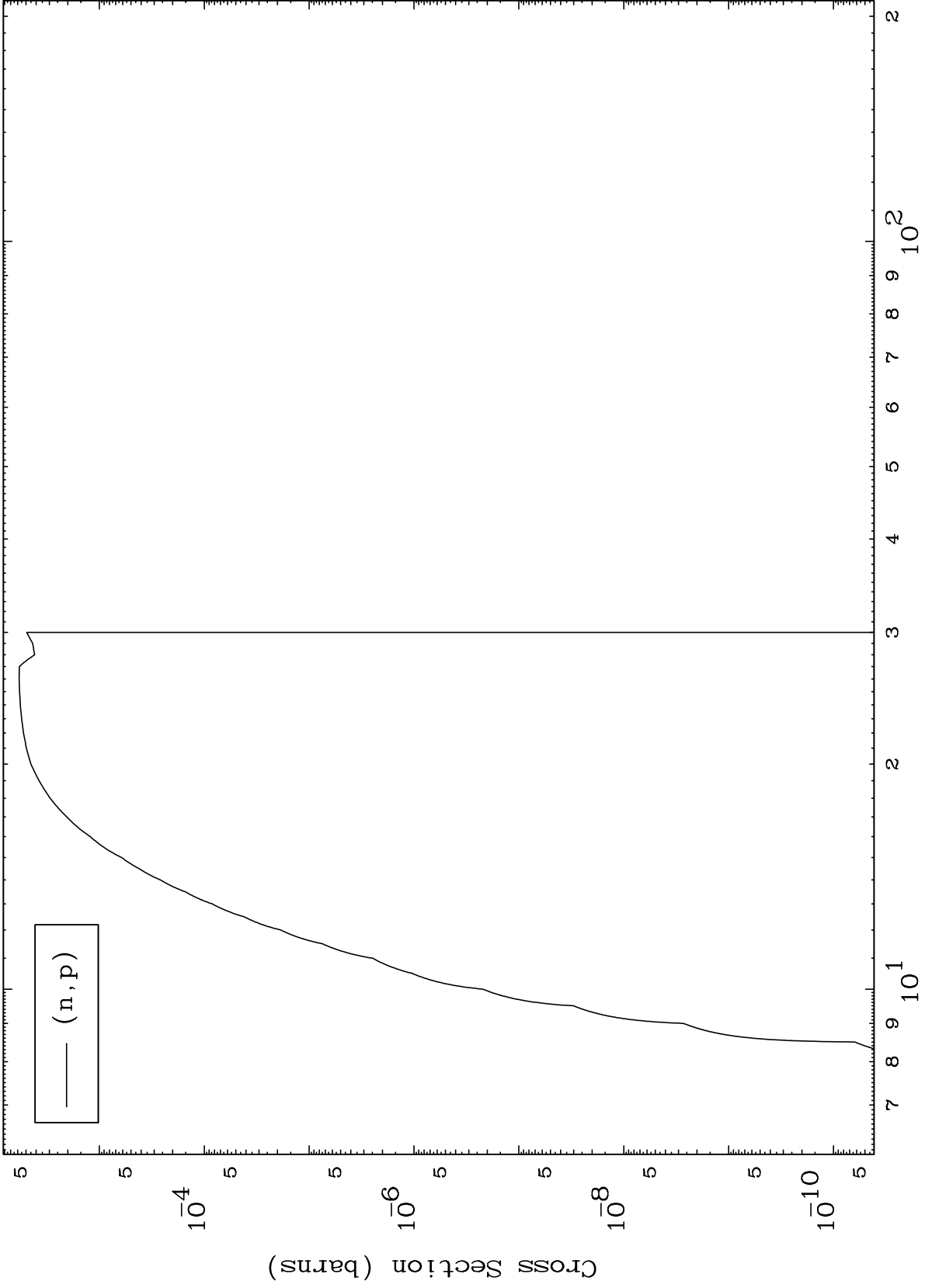




MAT 5355

(n,p) Levels  
293 Kelvin Cross Sections

53-I -137



9

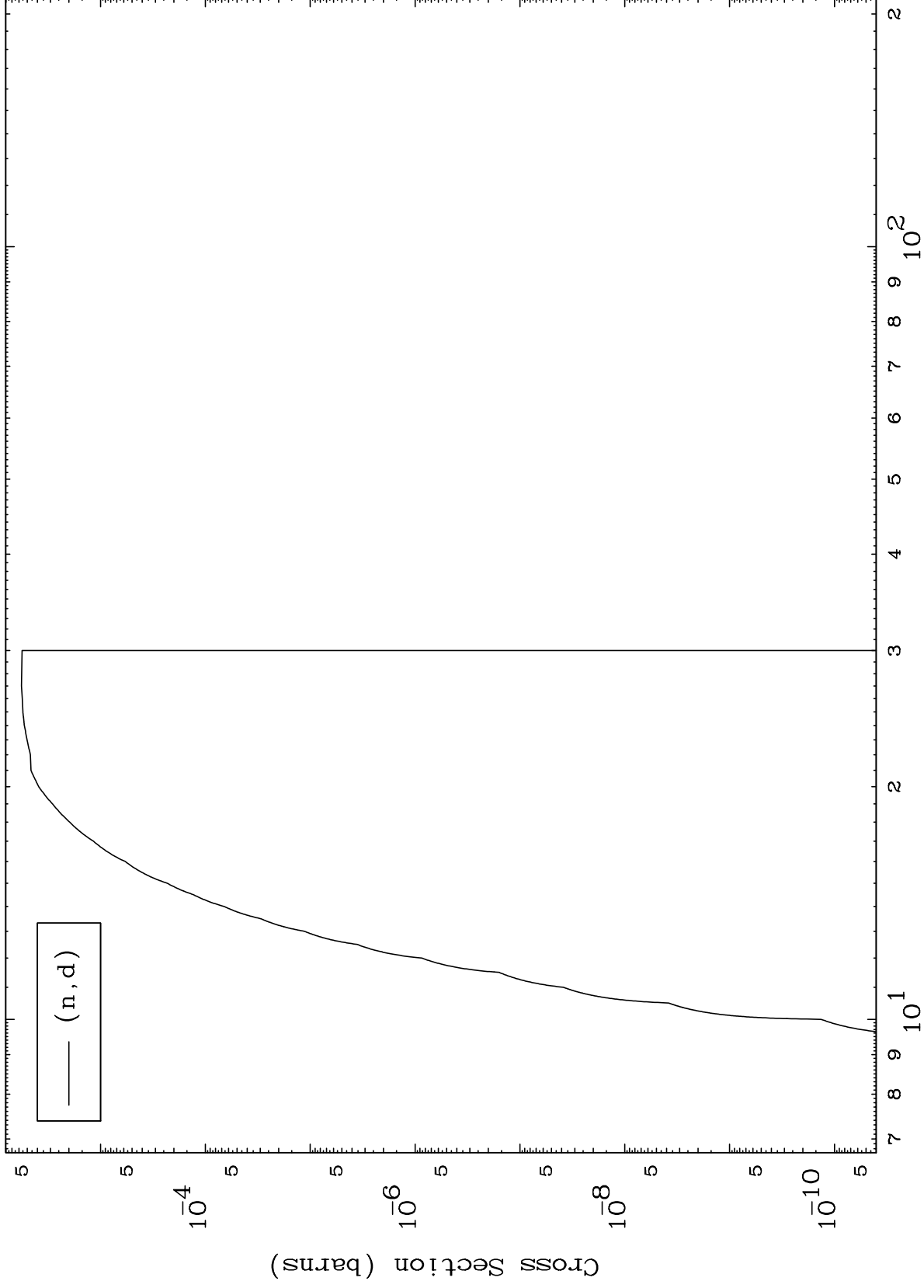
Incident Energy (MeV)

53-I -137

MAT 5355

(n,d) Levels  
293 Kelvin Cross Sections

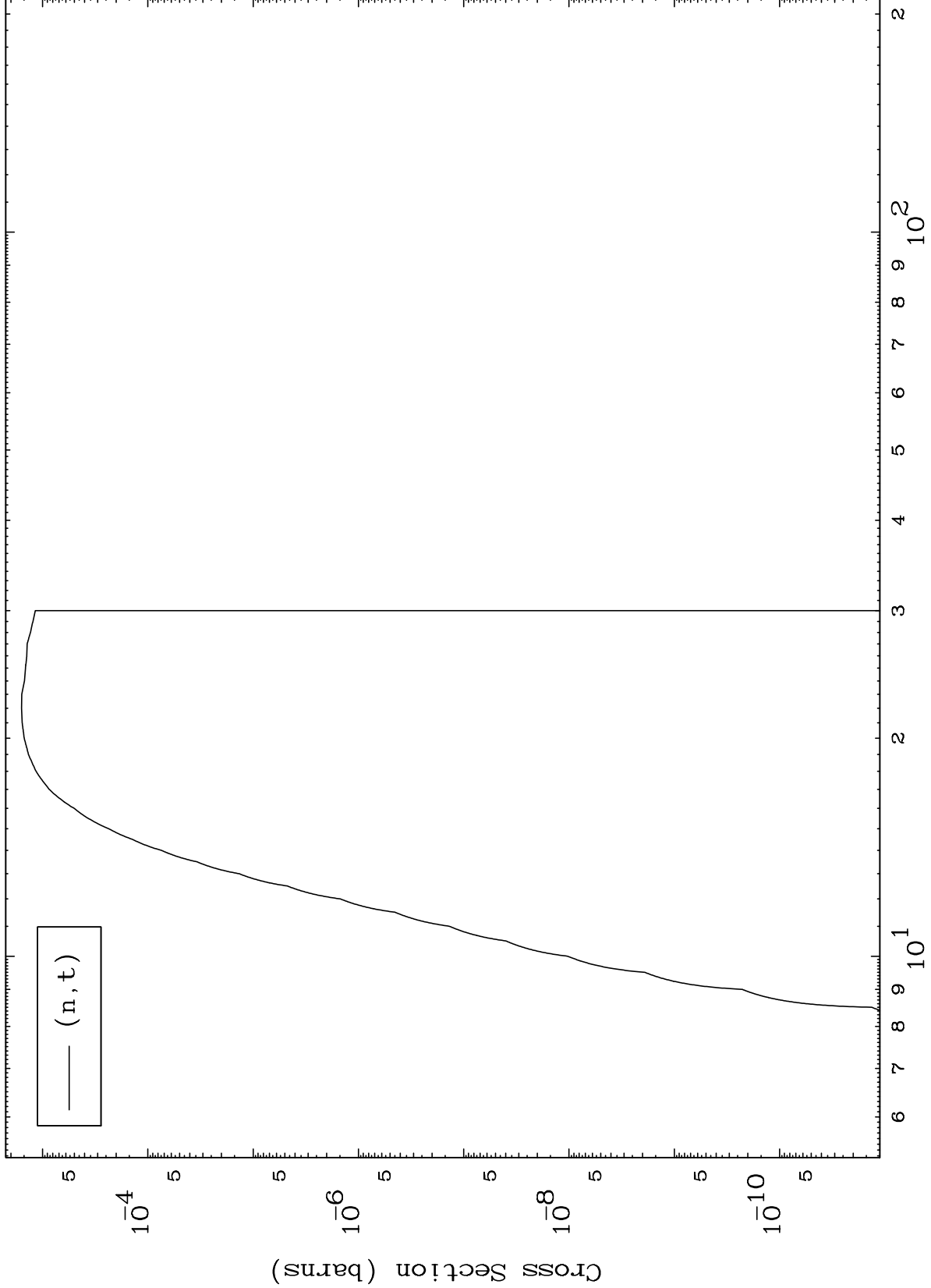
53-I -137



10

Incident Energy (MeV)

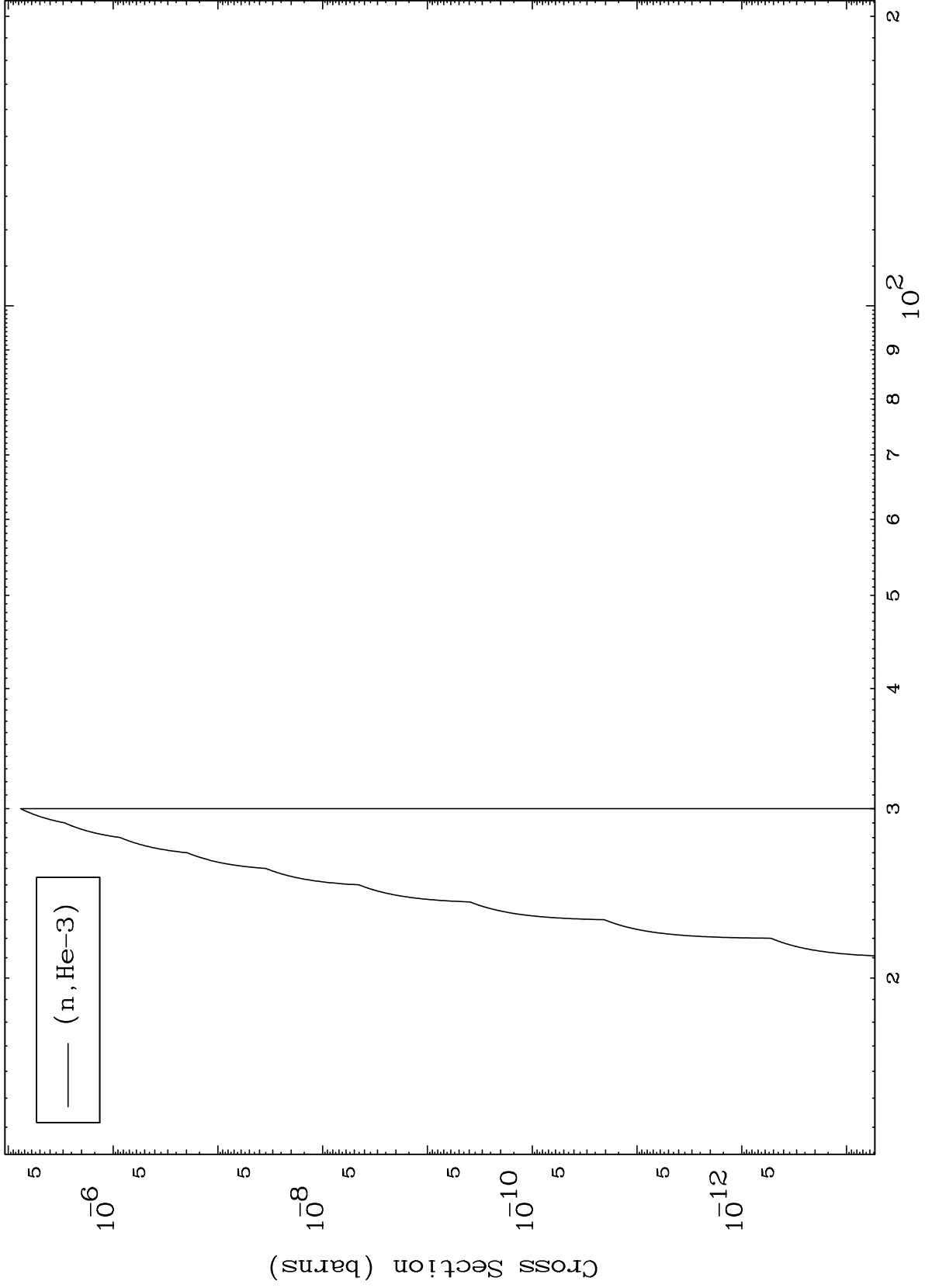
53-I -137



MAT 5355

(n,He3) Levels  
293 Kelvin Cross Sections

53-I -137



12

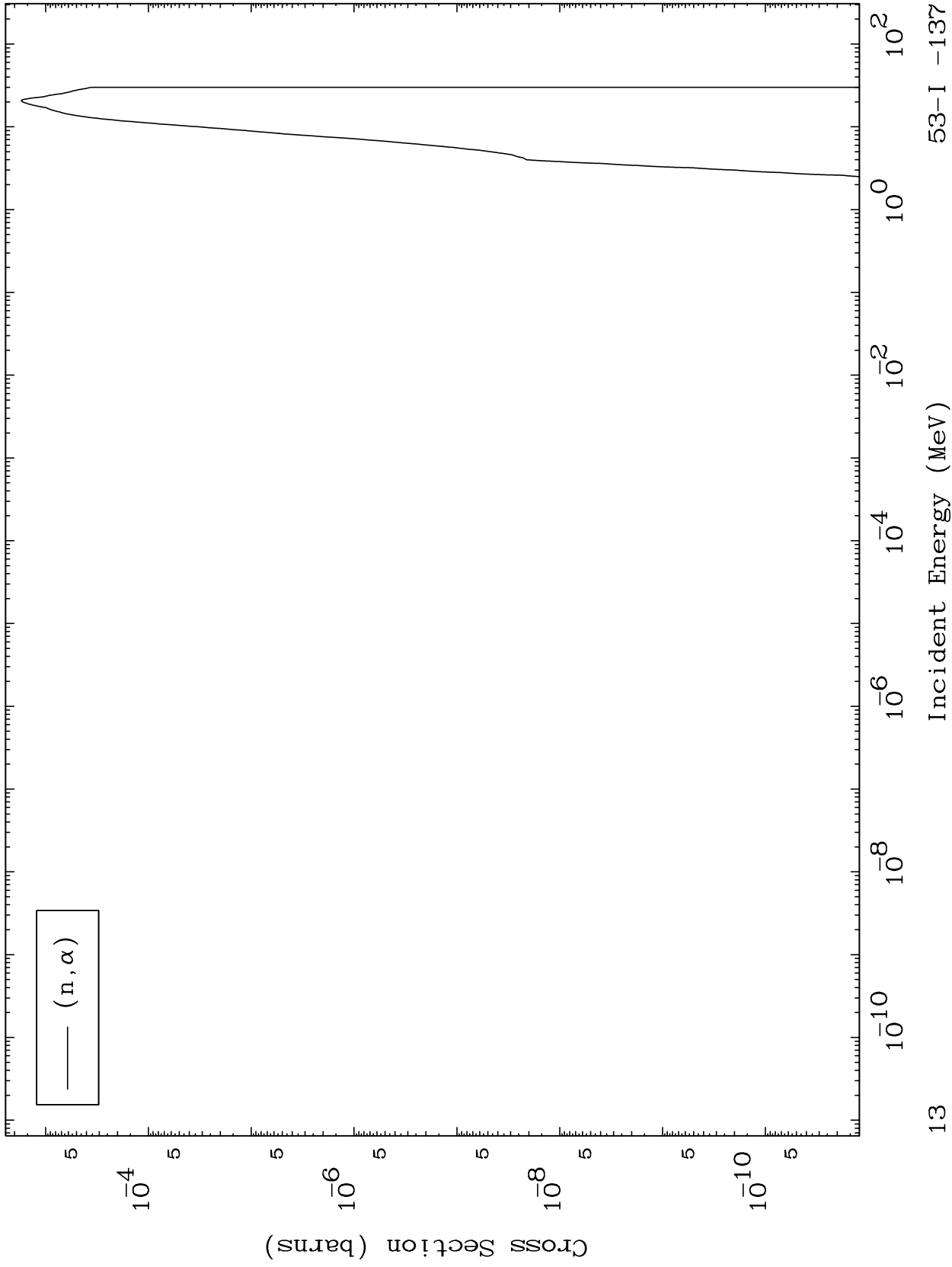
Incident Energy (MeV)

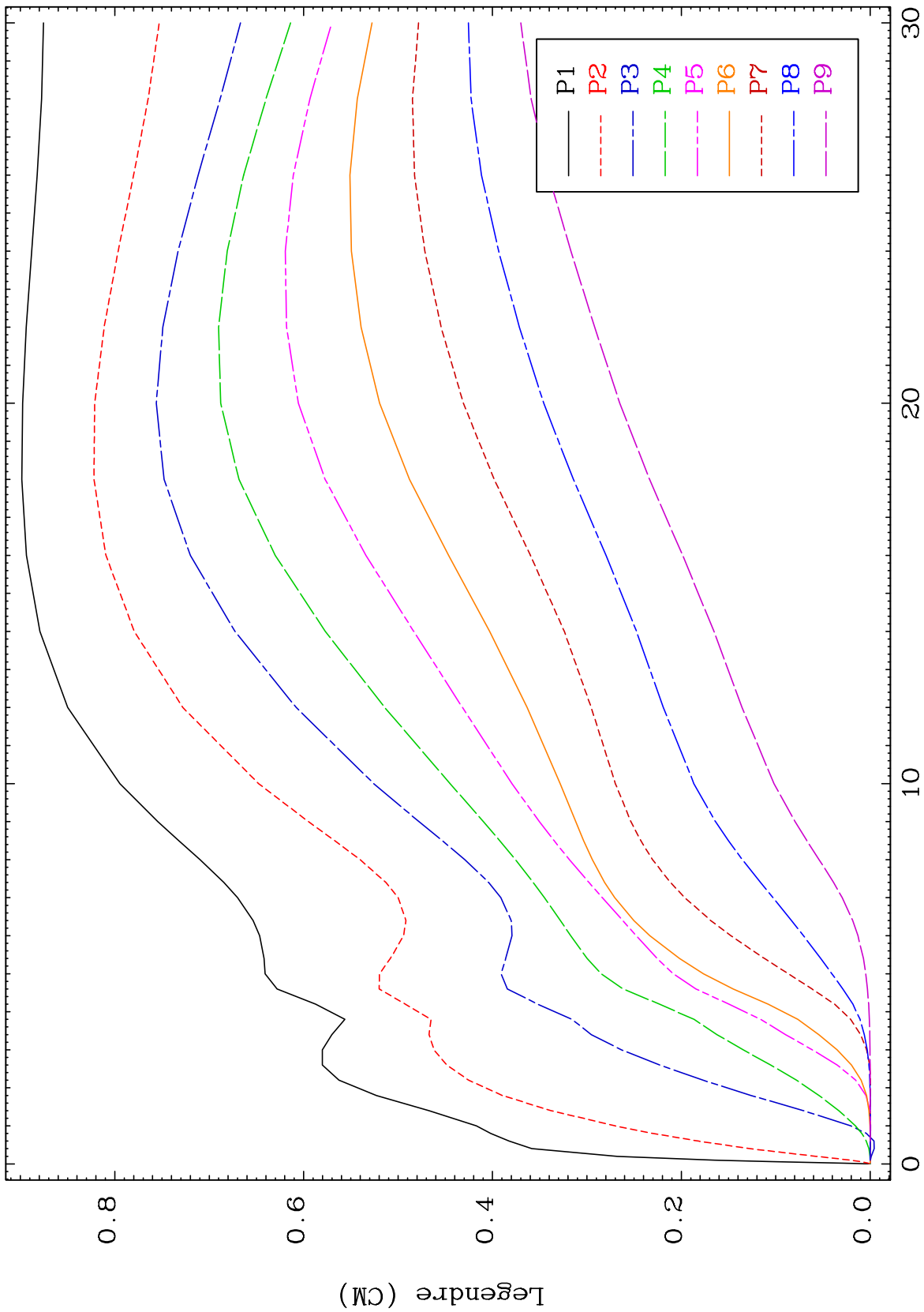
53-I -137

MAT 5355

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

53-I -137

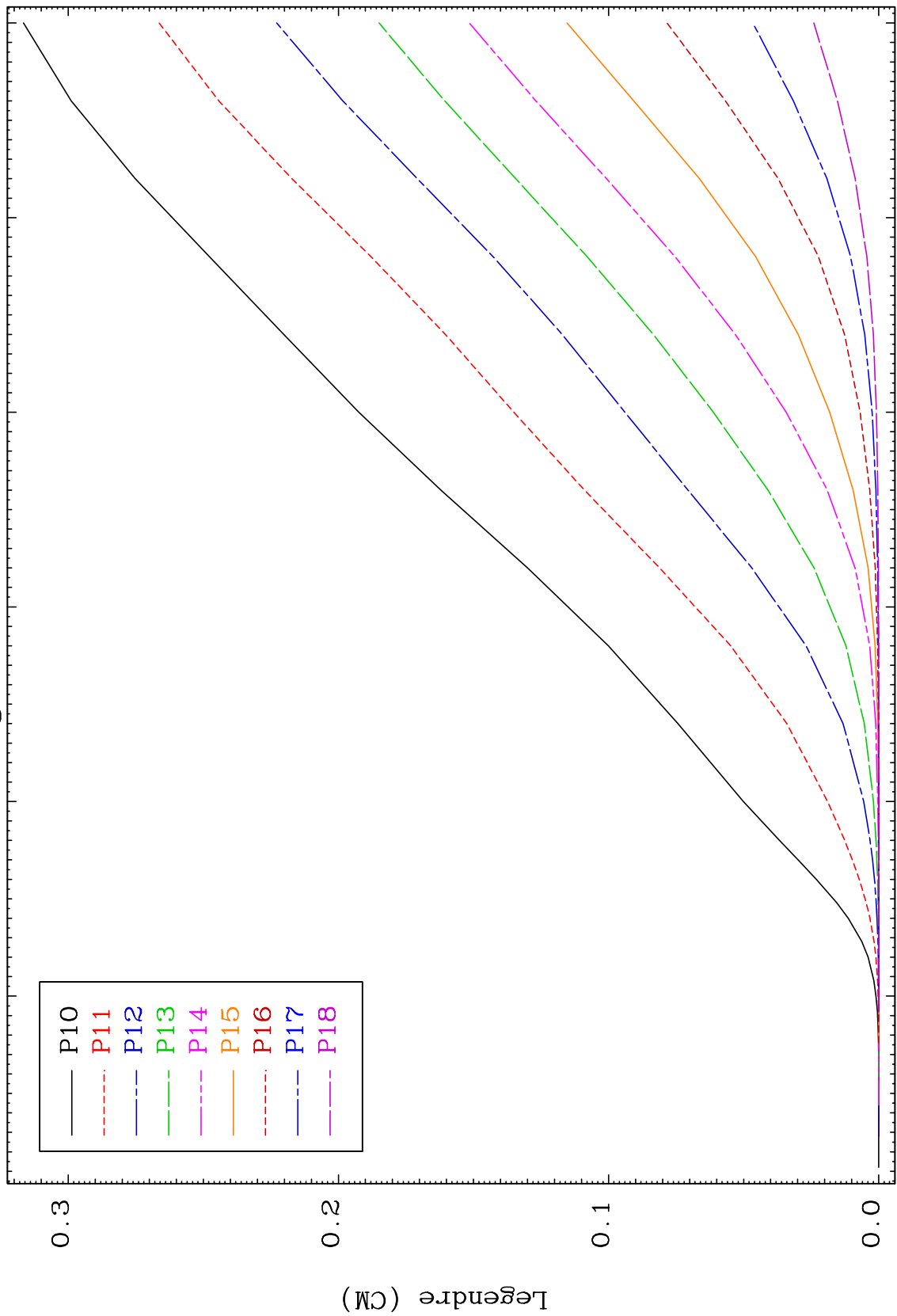




MAT 5355

Elastic Legendre Coefficients

53-I -137



15

Incident Energy (MeV)

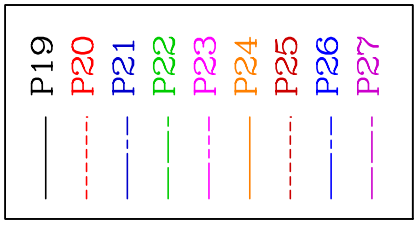
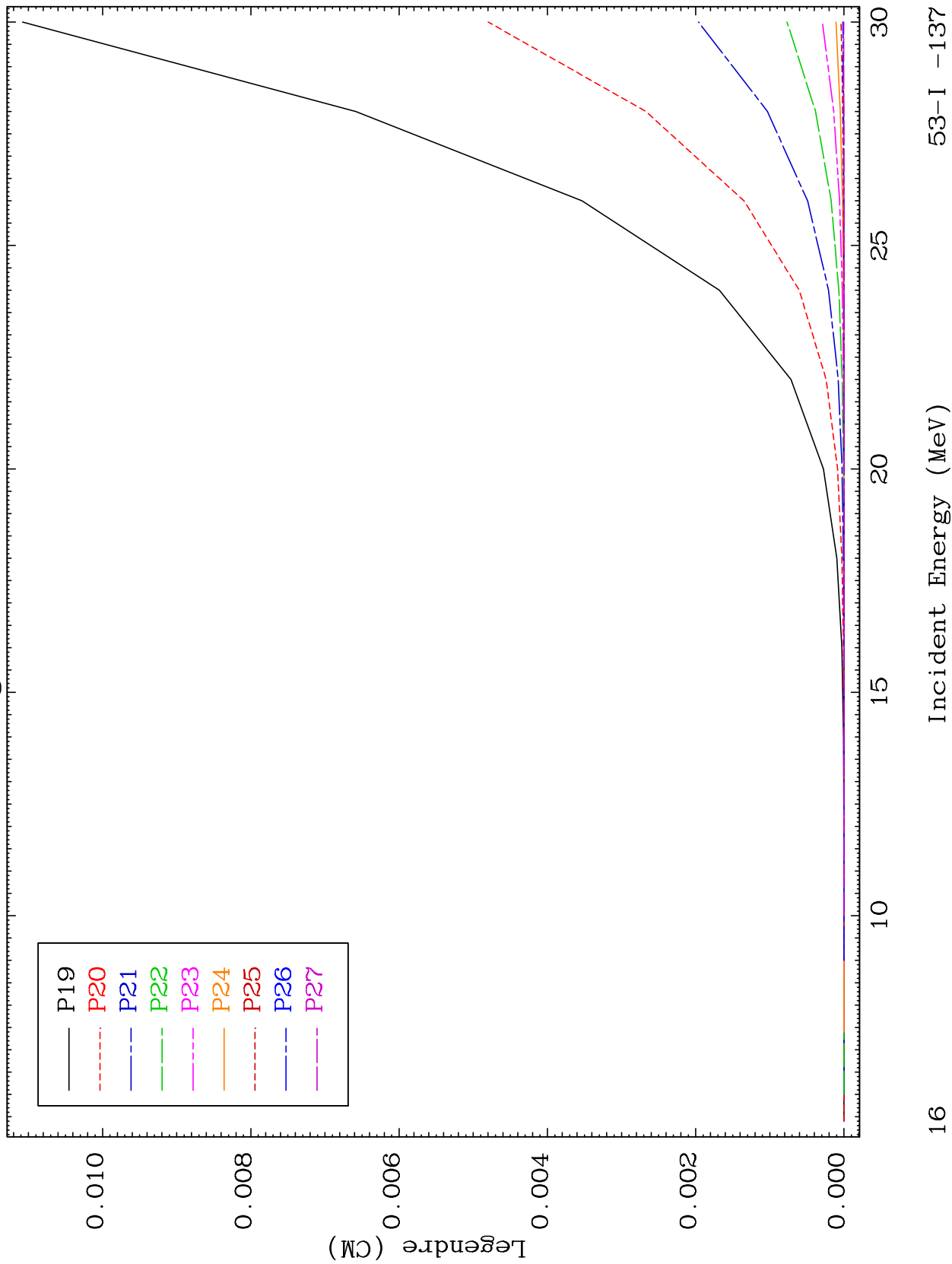
53-I -137



MAT 5355

### Elastic Legendre Coefficients

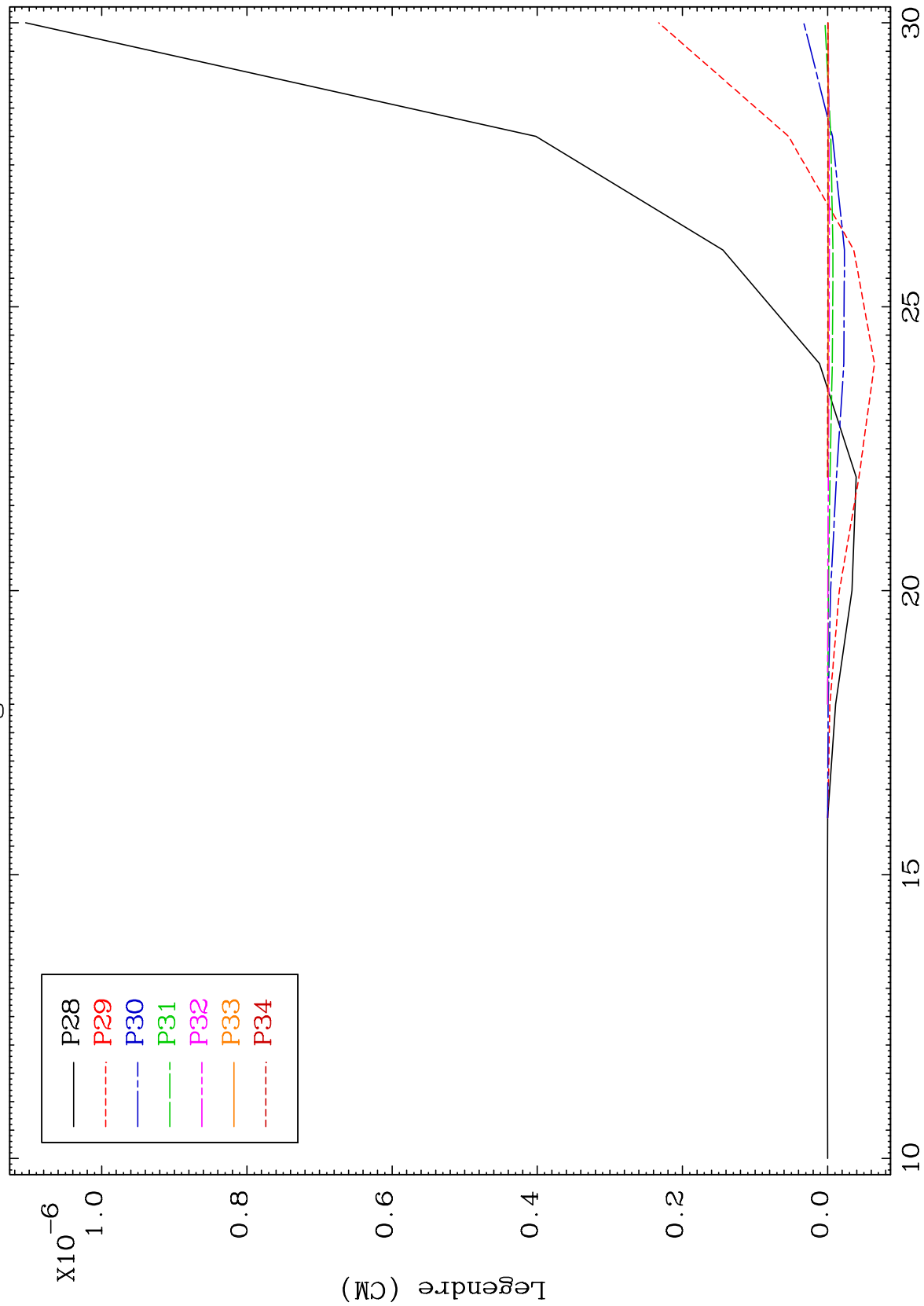
53-I -137



MAT 5355

Elastic Legendre Coefficients

53-I -137



17

Incident Energy (MeV)

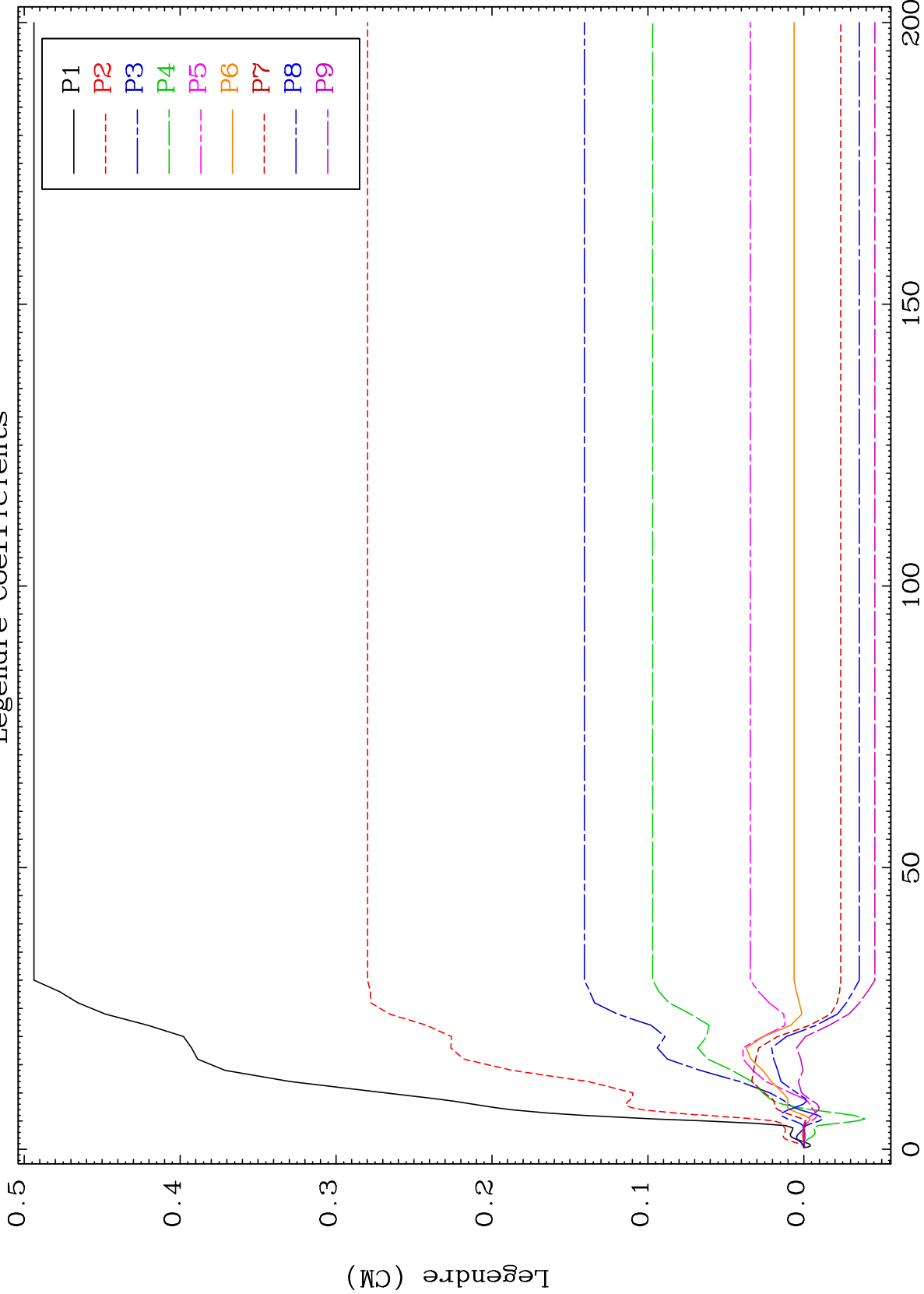
53-I -137

MAT 5355

MT= 51 (n,n') Level

53-I -137

Legendre Coefficients



18

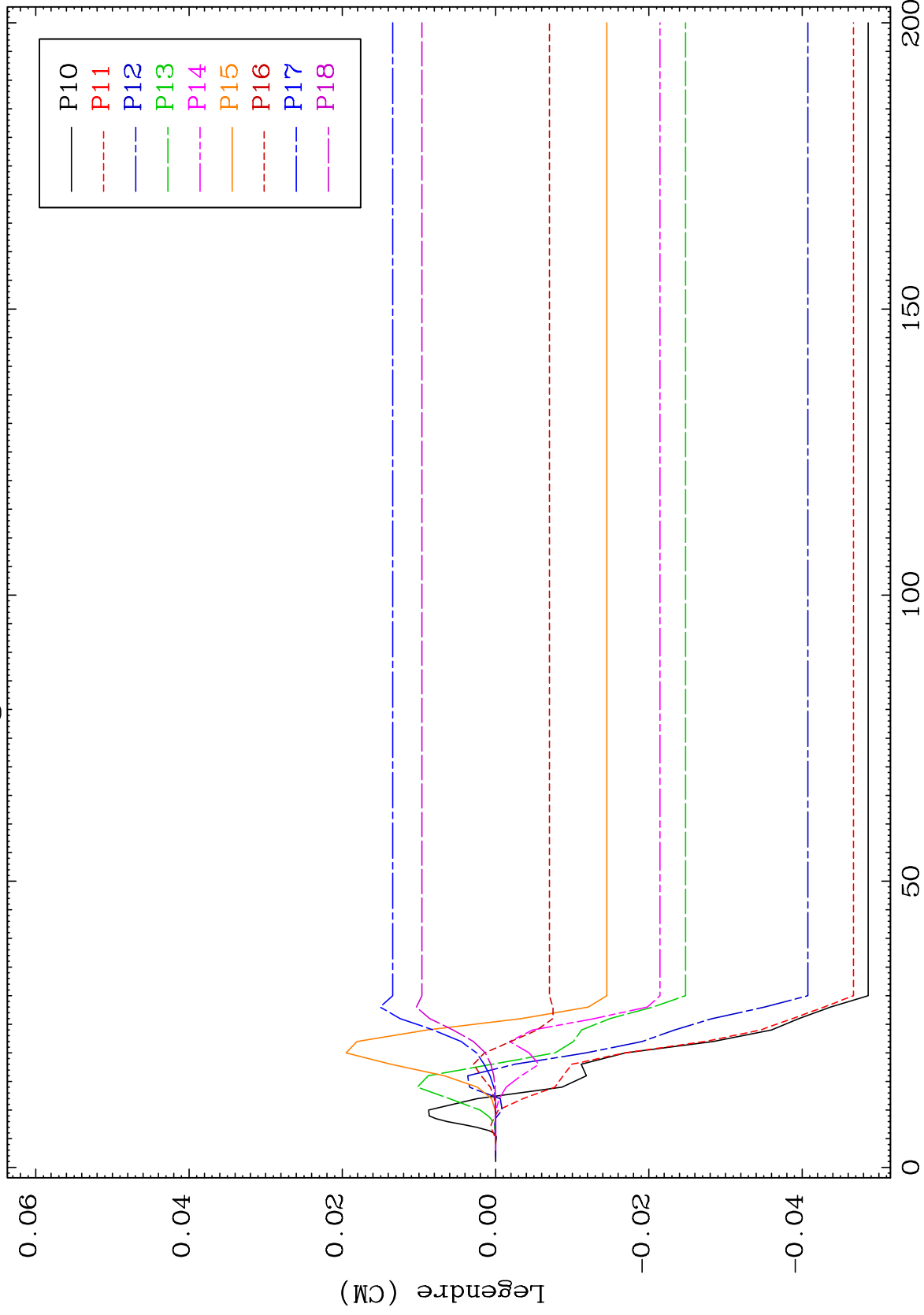
Incident Energy (MeV)

53-I -137

MAT 5355

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

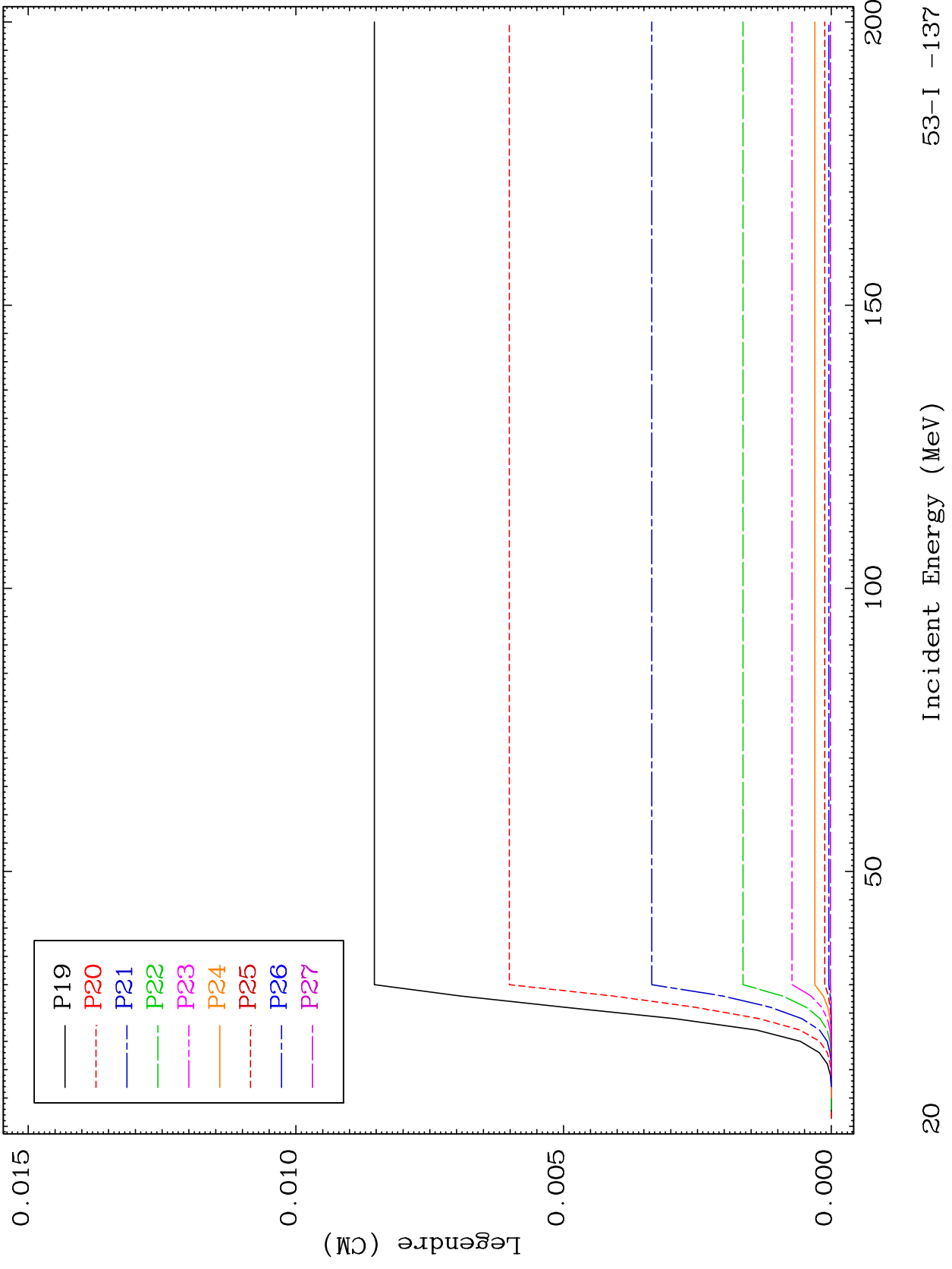
53-I -137

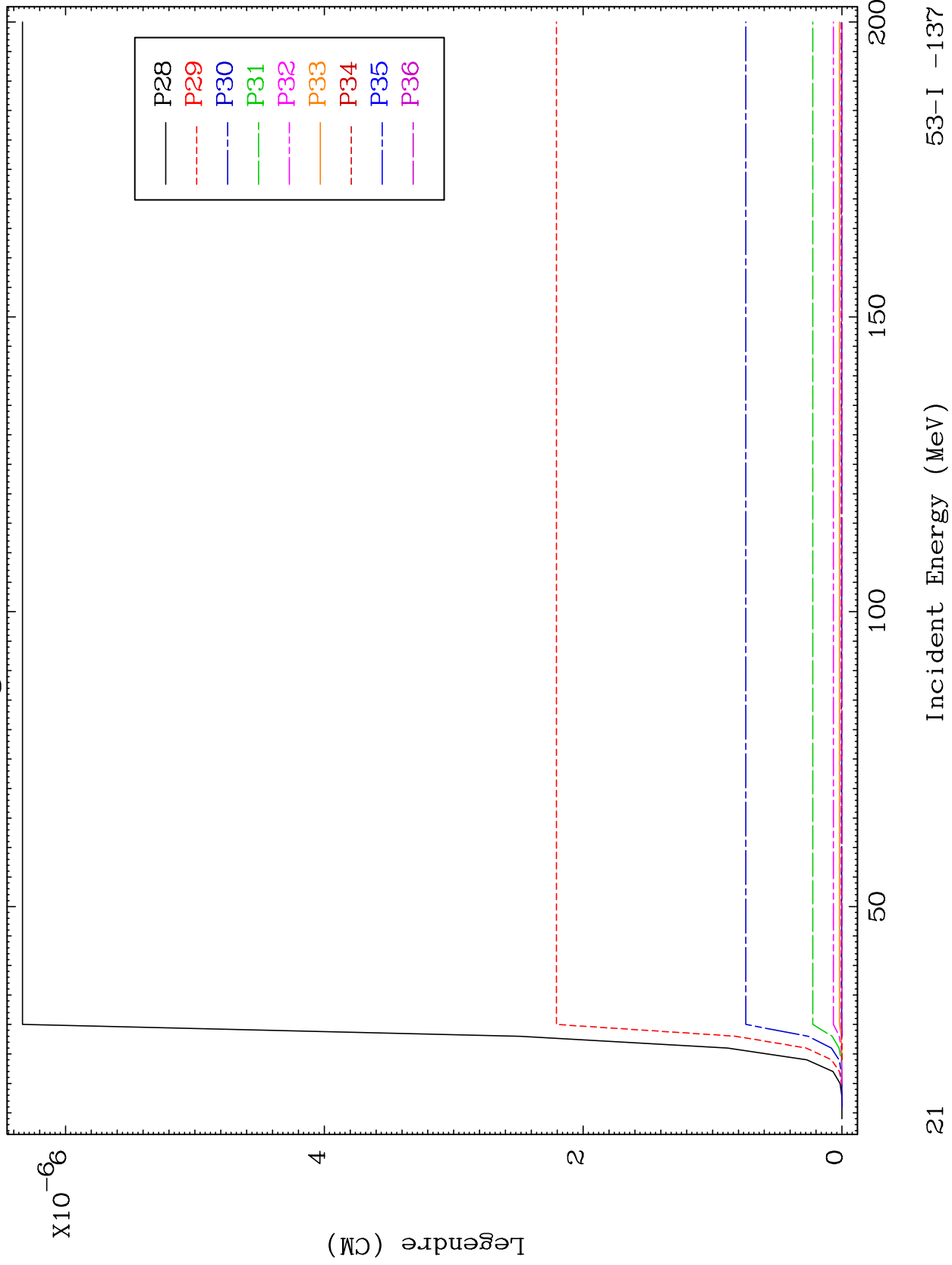


19

Incident Energy (MeV)

53-I -137



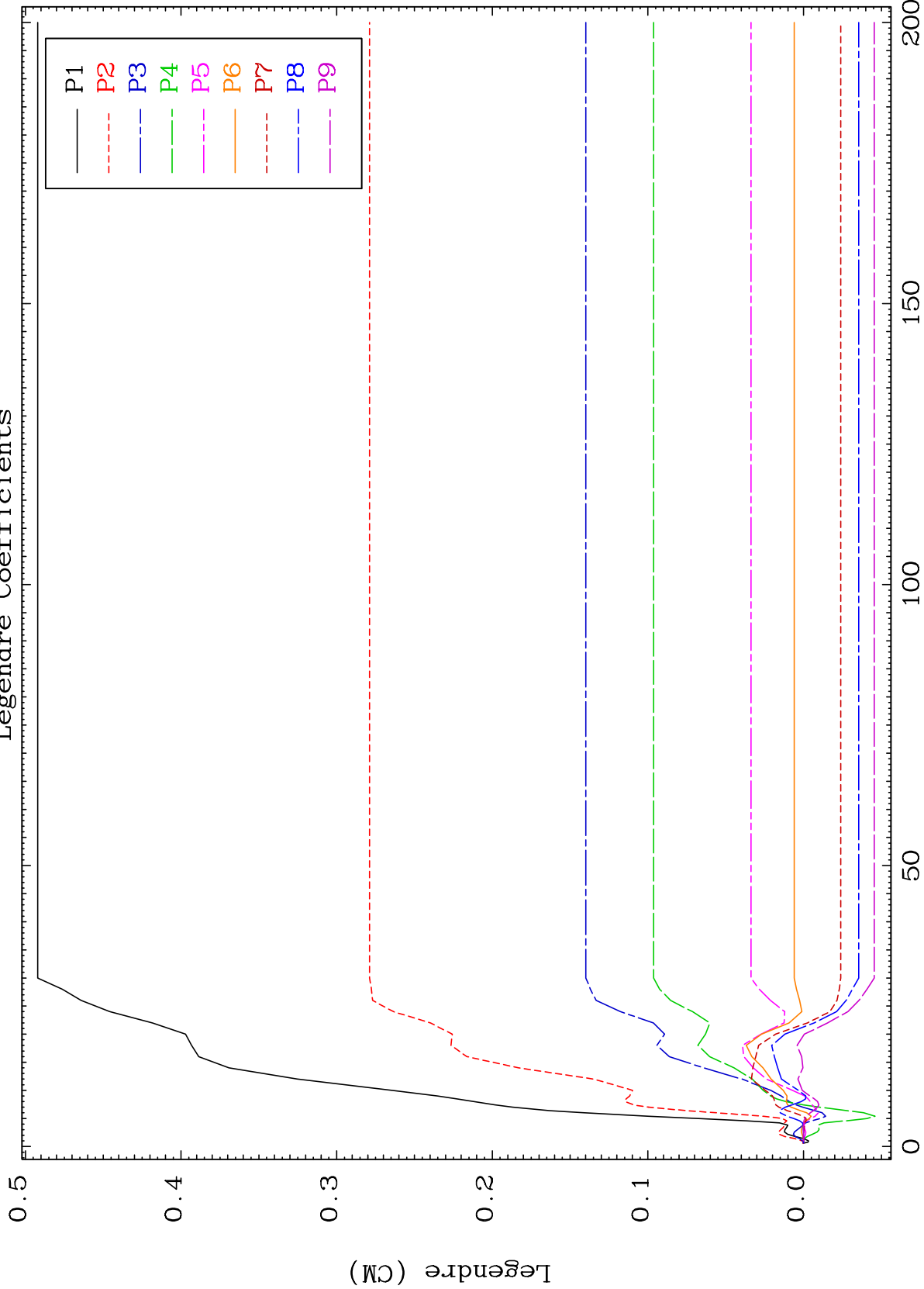


MAT 5355

MT= 52 (n,n') Level

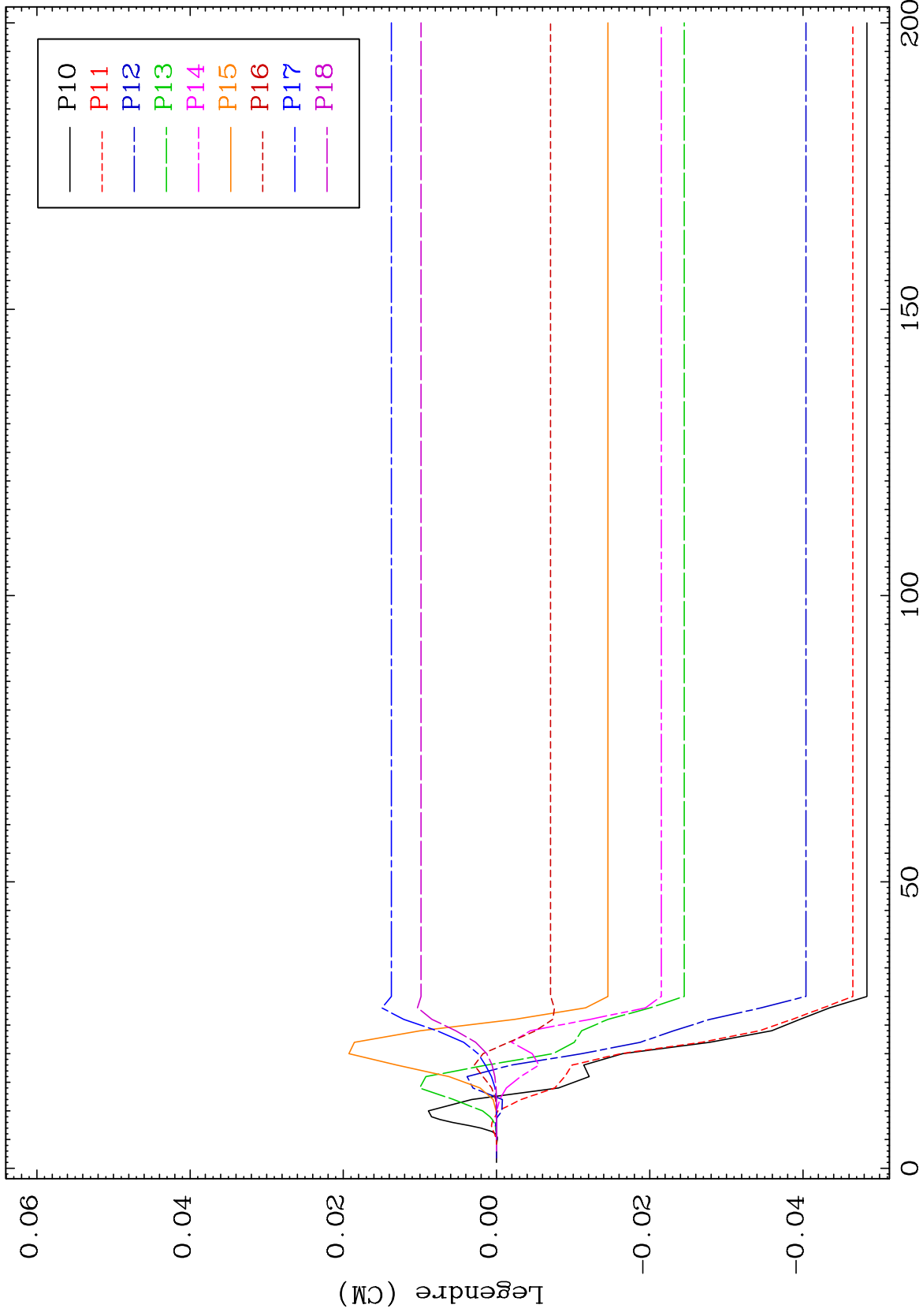
53-I -137

Legendre Coefficients

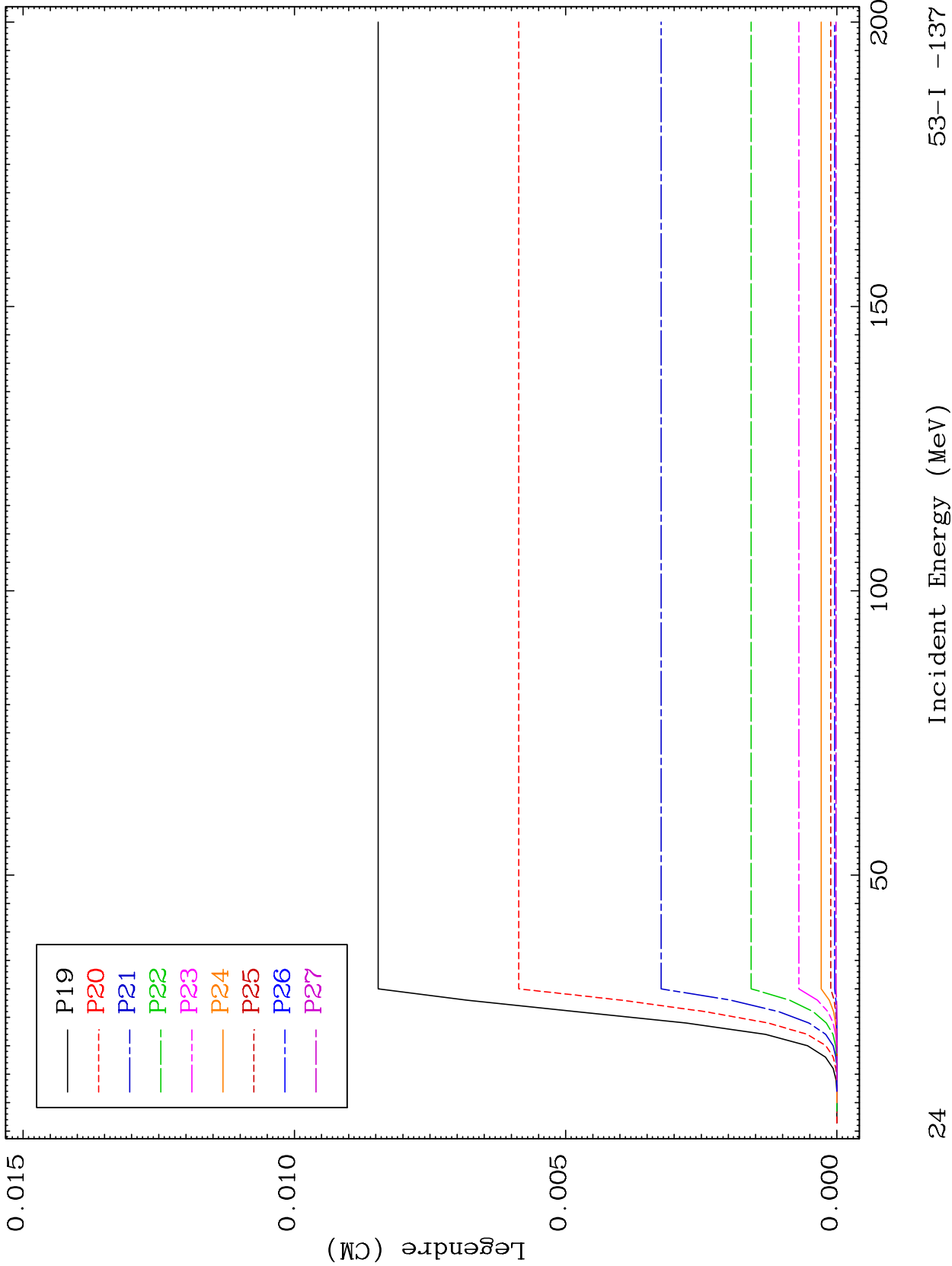


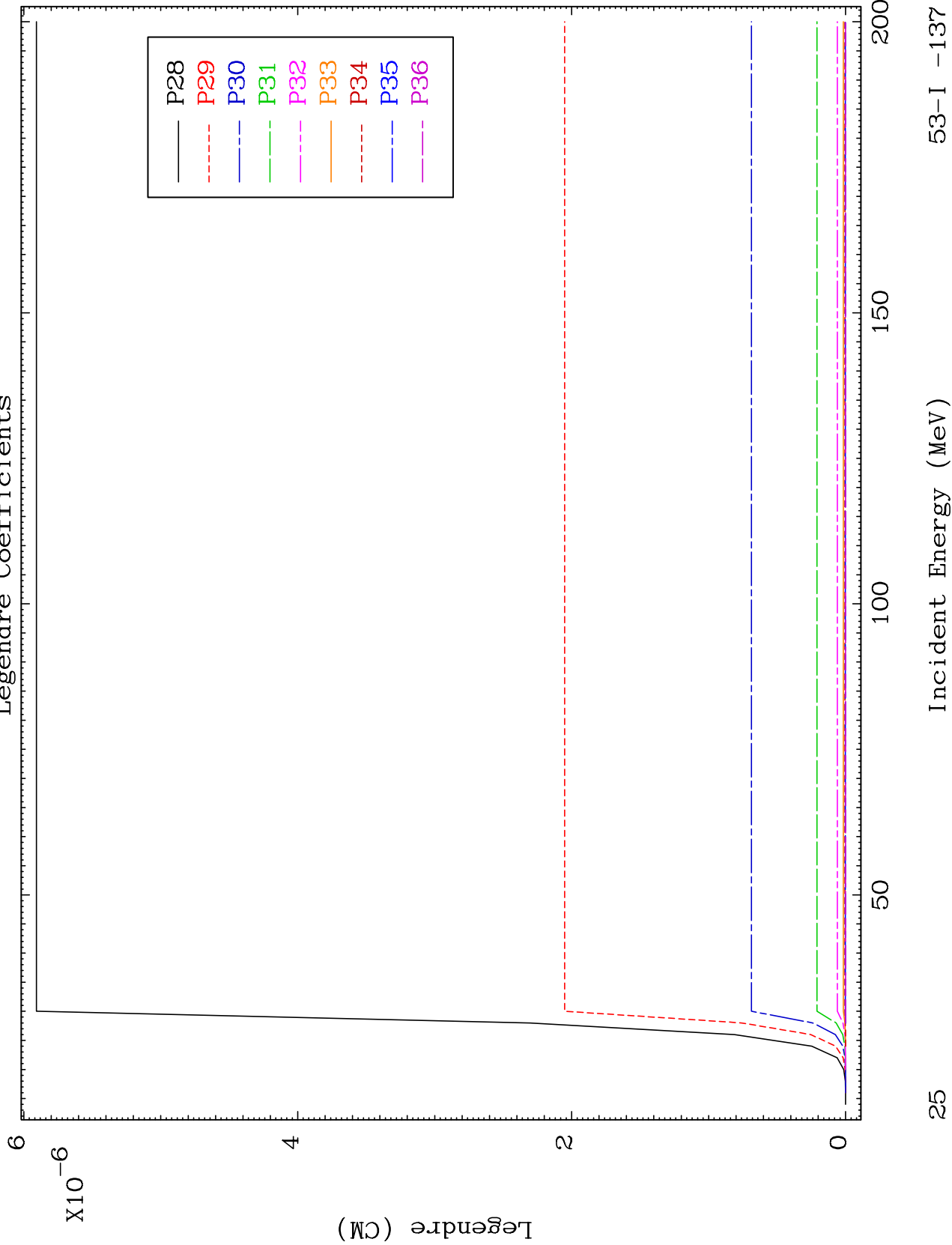
22

53-I -137







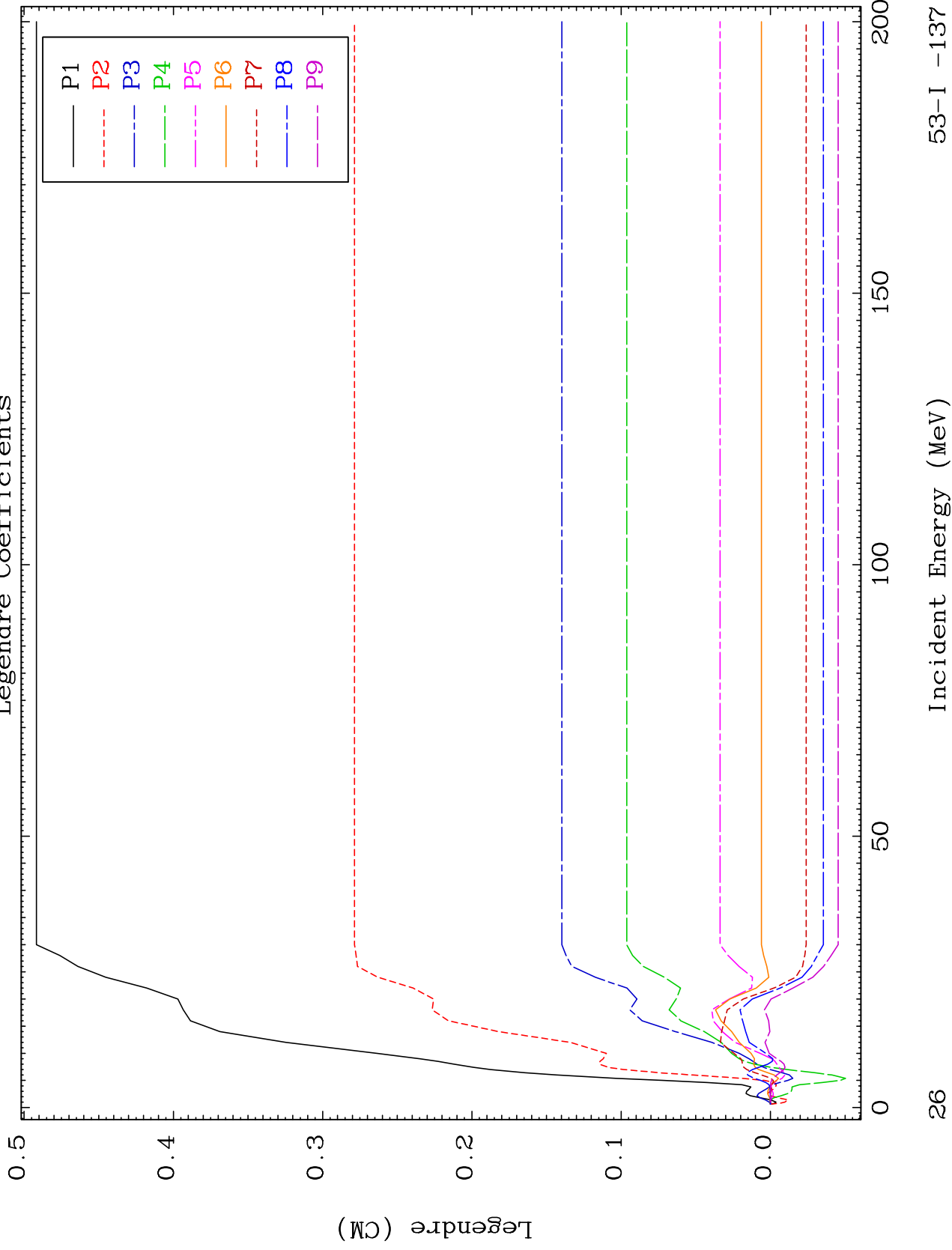


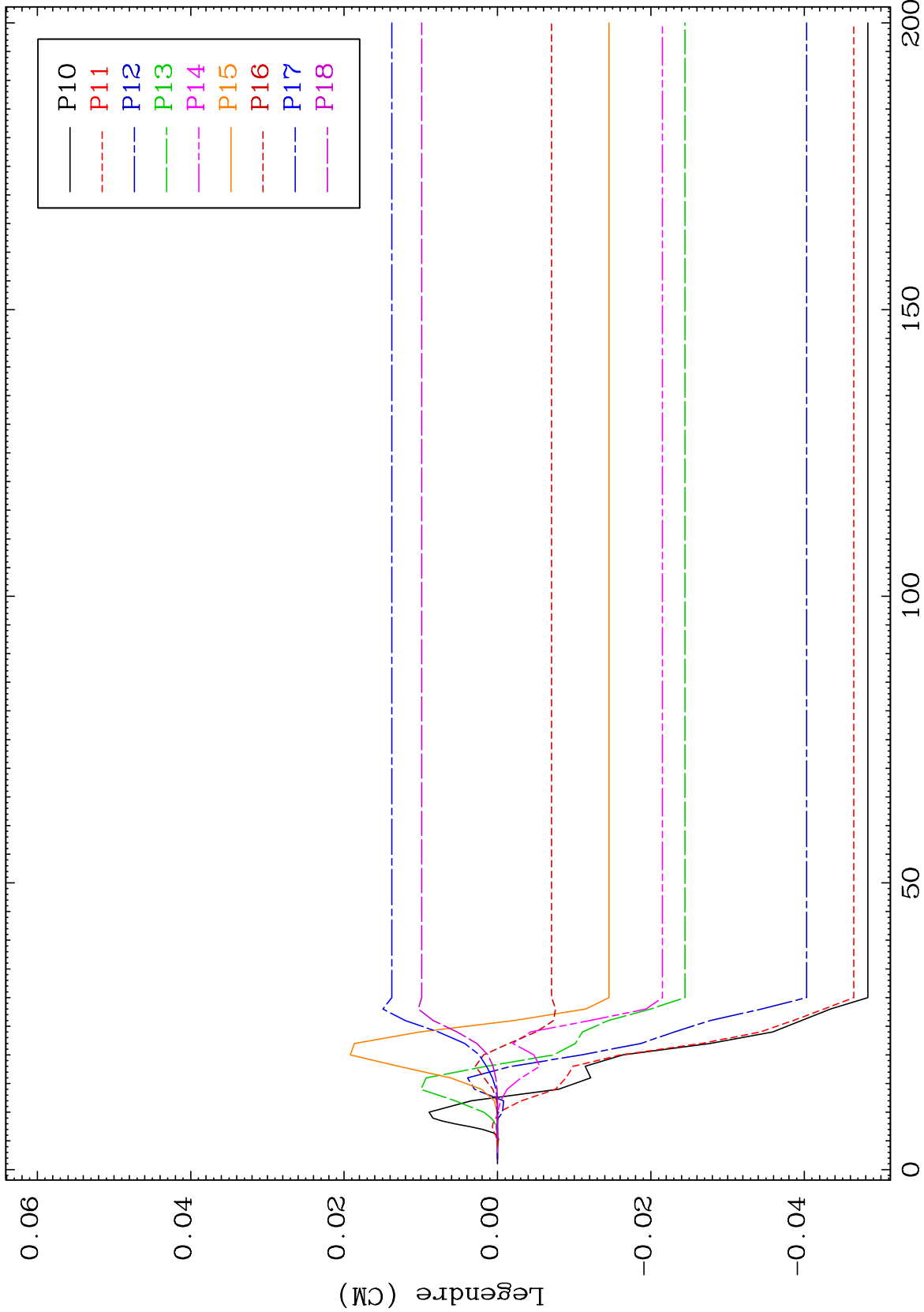
MAT 5355

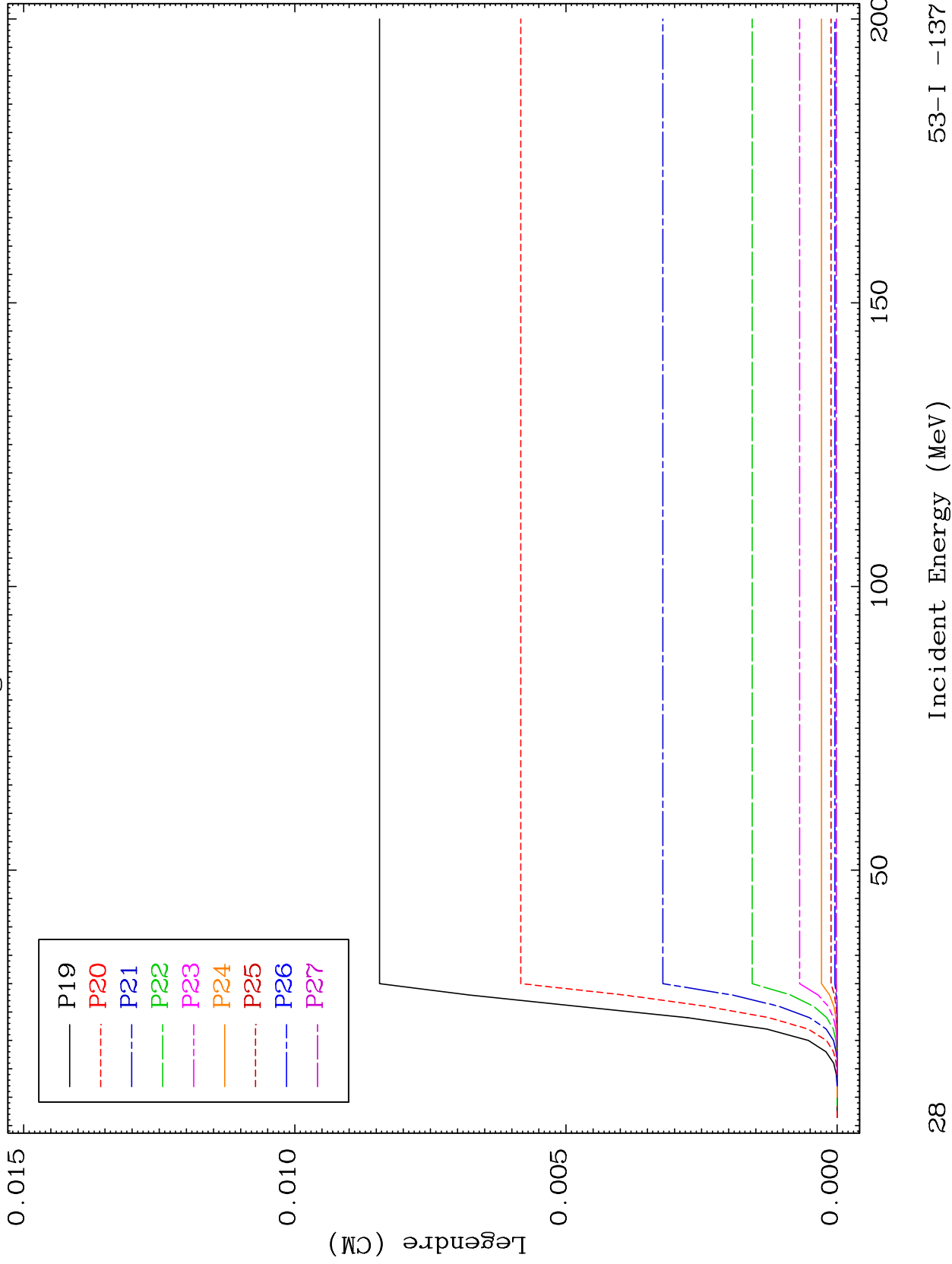
MT= 53 (n,n') Level

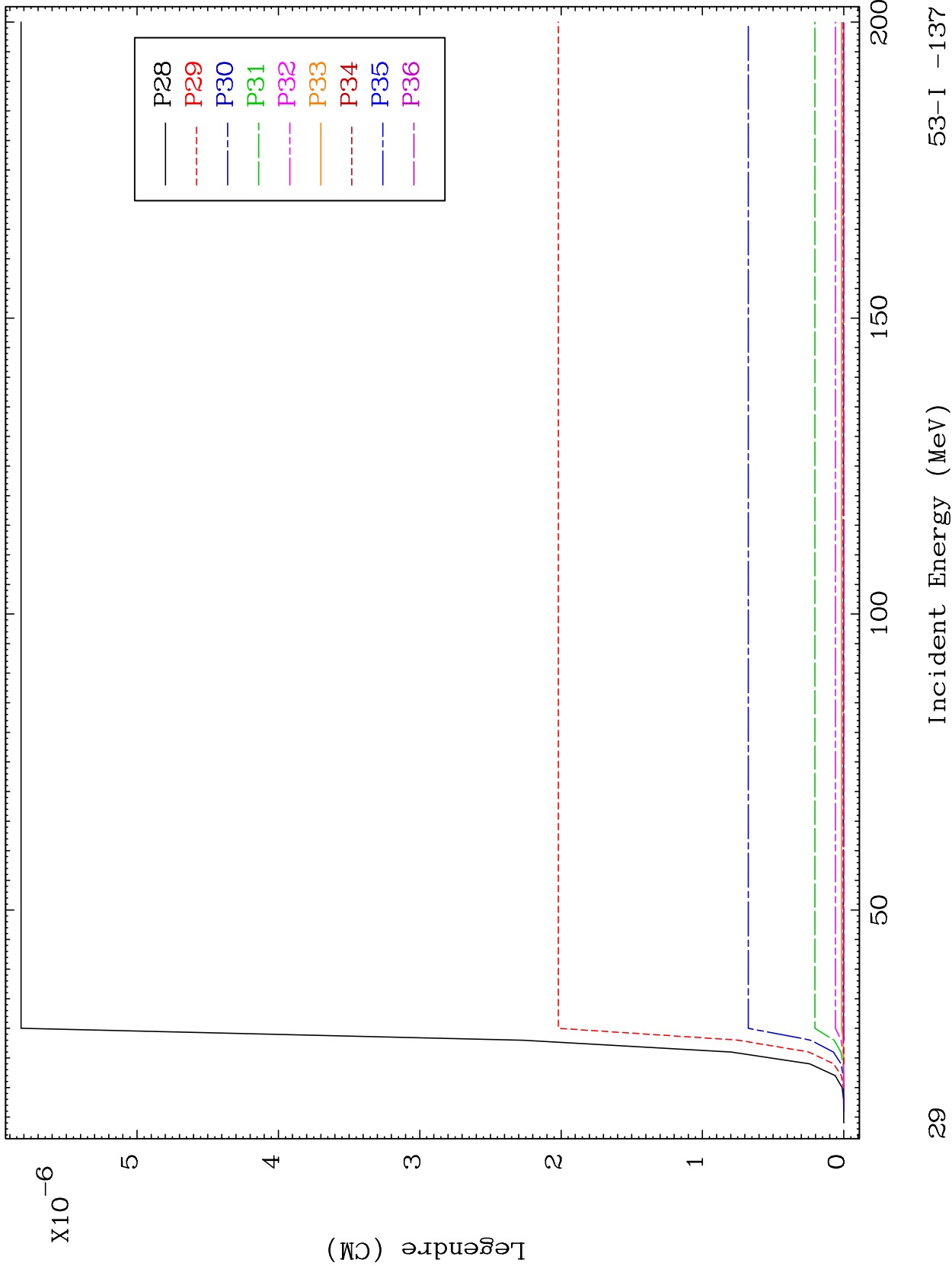
53-I -137

Legendre Coefficients





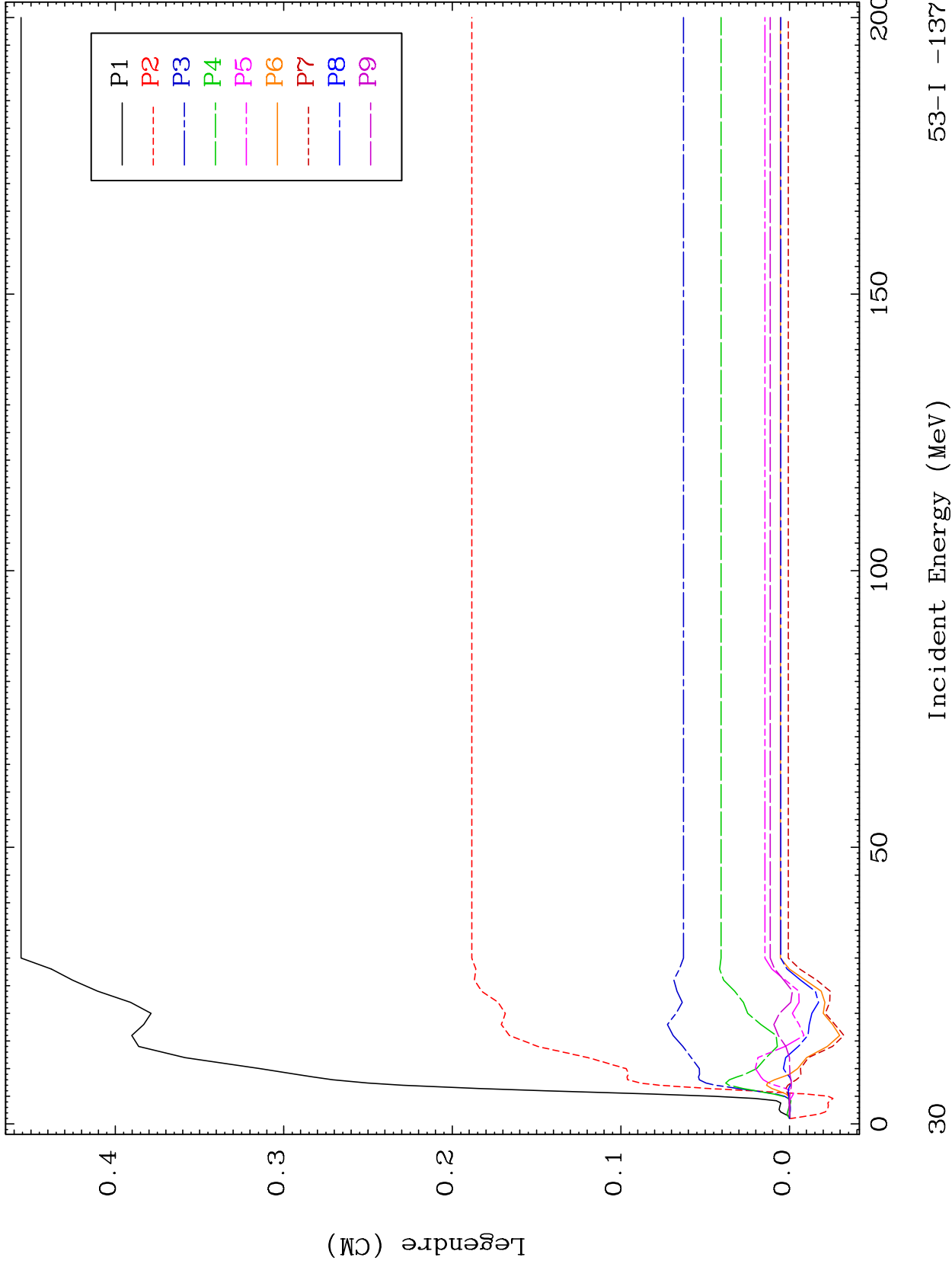




MAT 5355

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

53-I -137



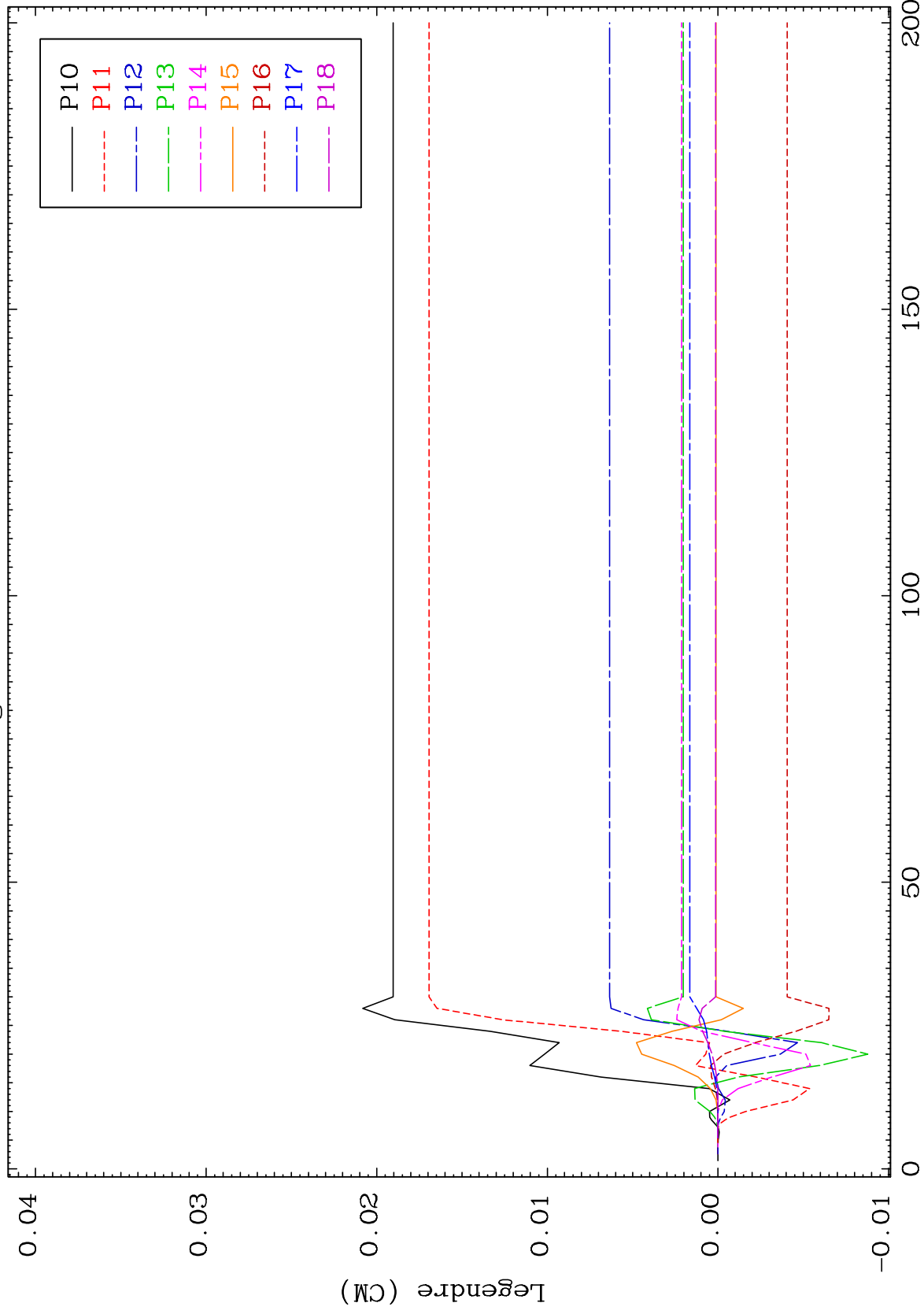
53-I -137

Incident Energy (MeV)

MAT 5355

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

53-I -137

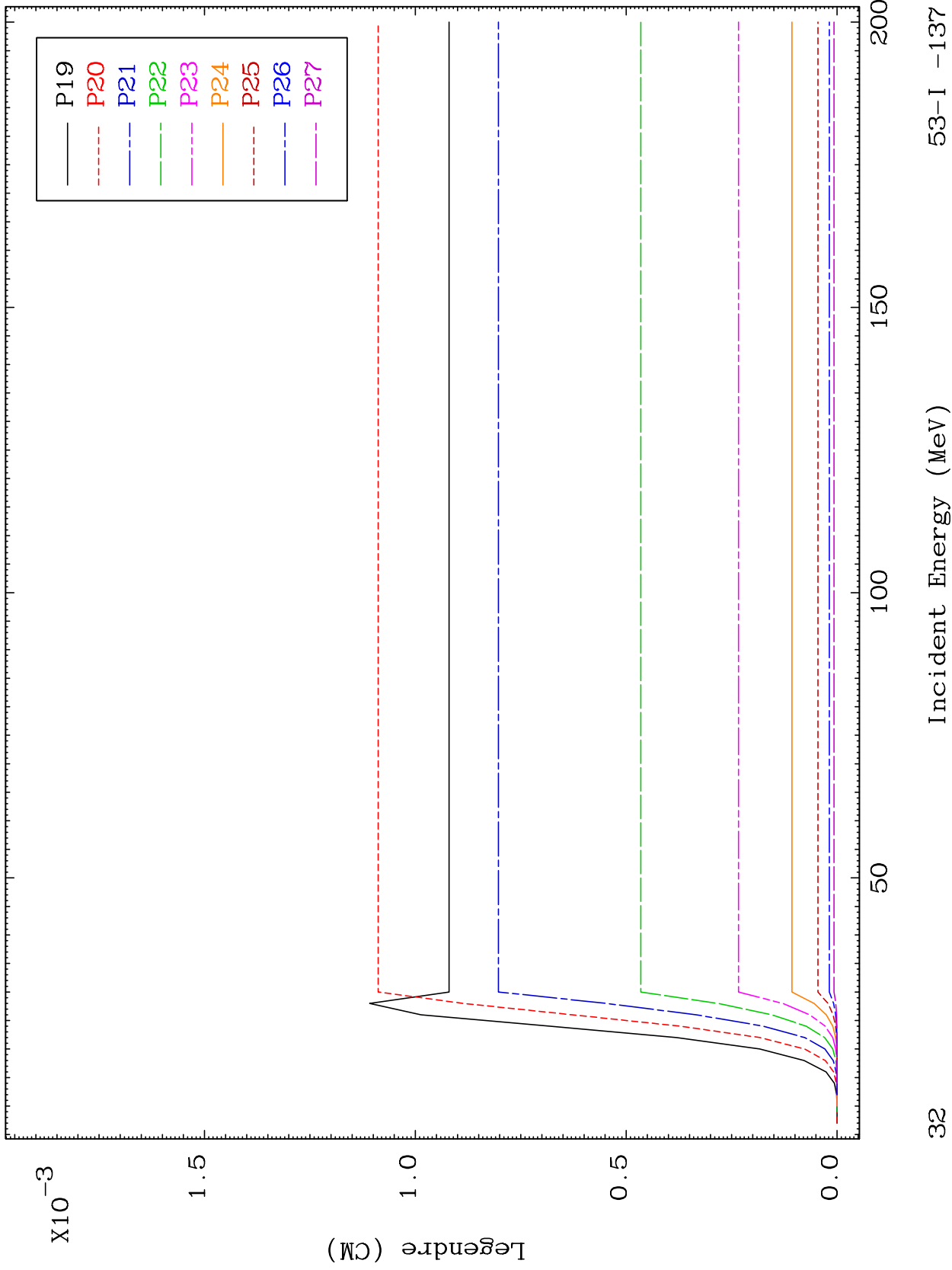


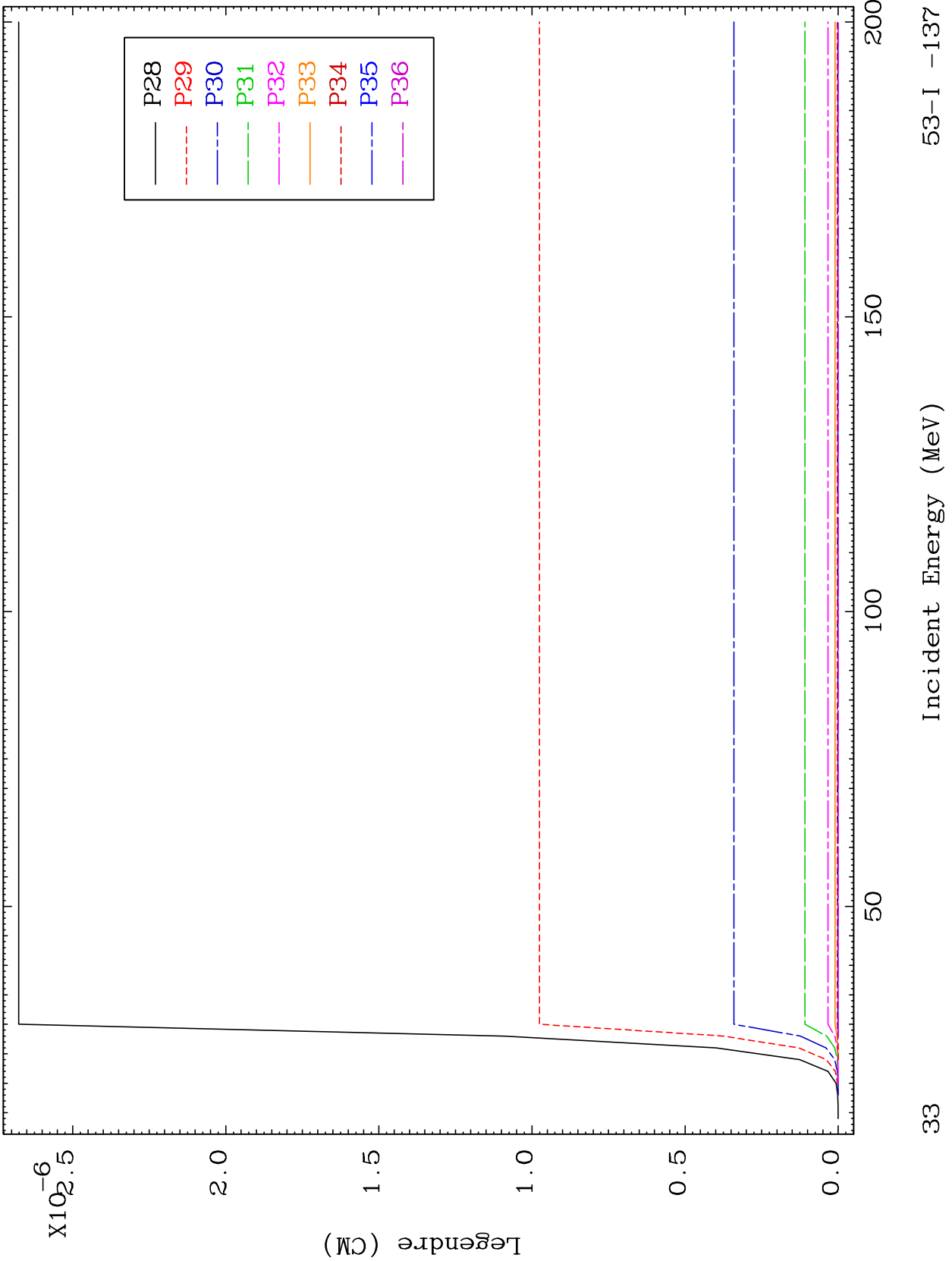
31

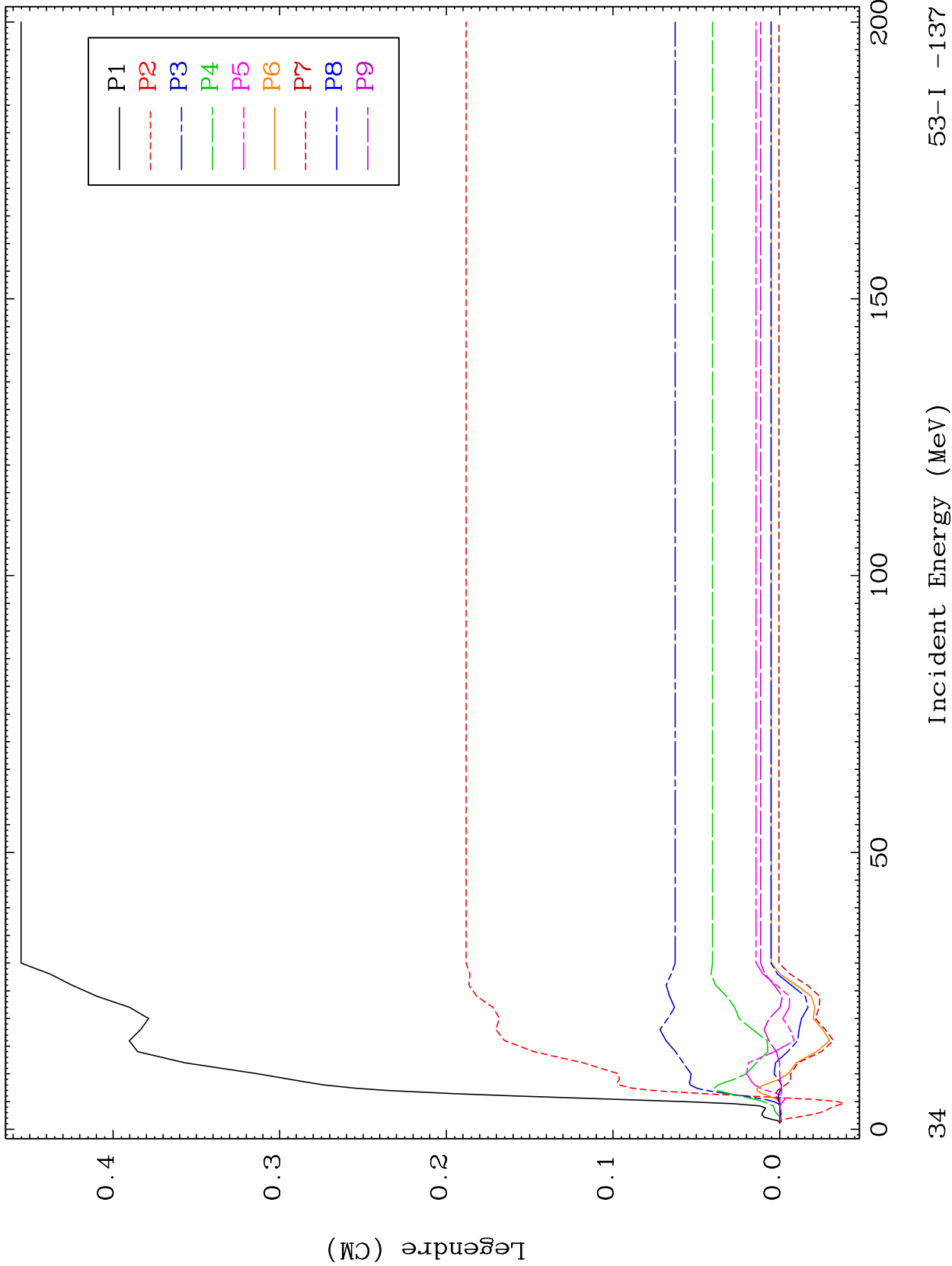
Incident Energy (MeV)

53-I -137





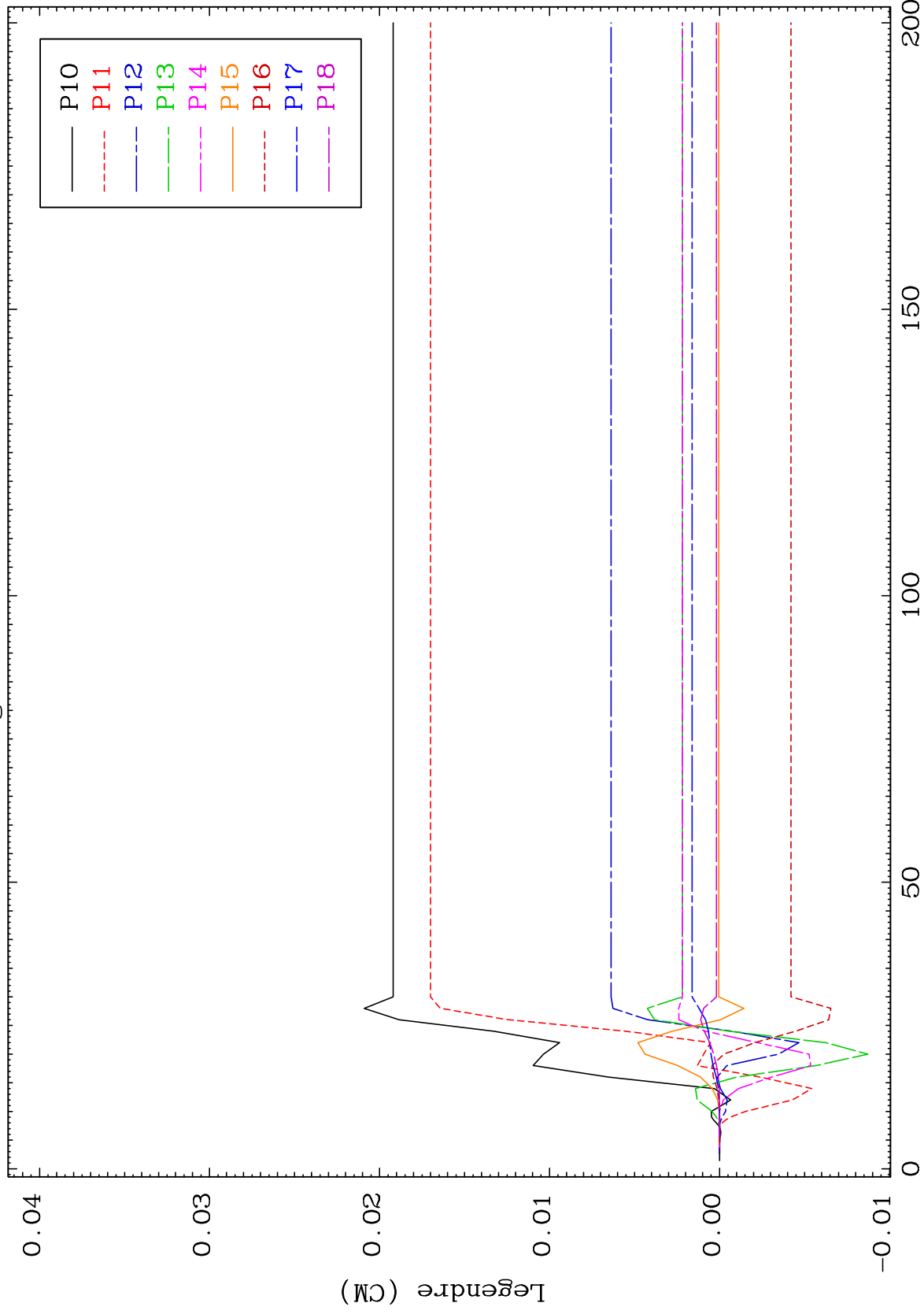




MAT 5355

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

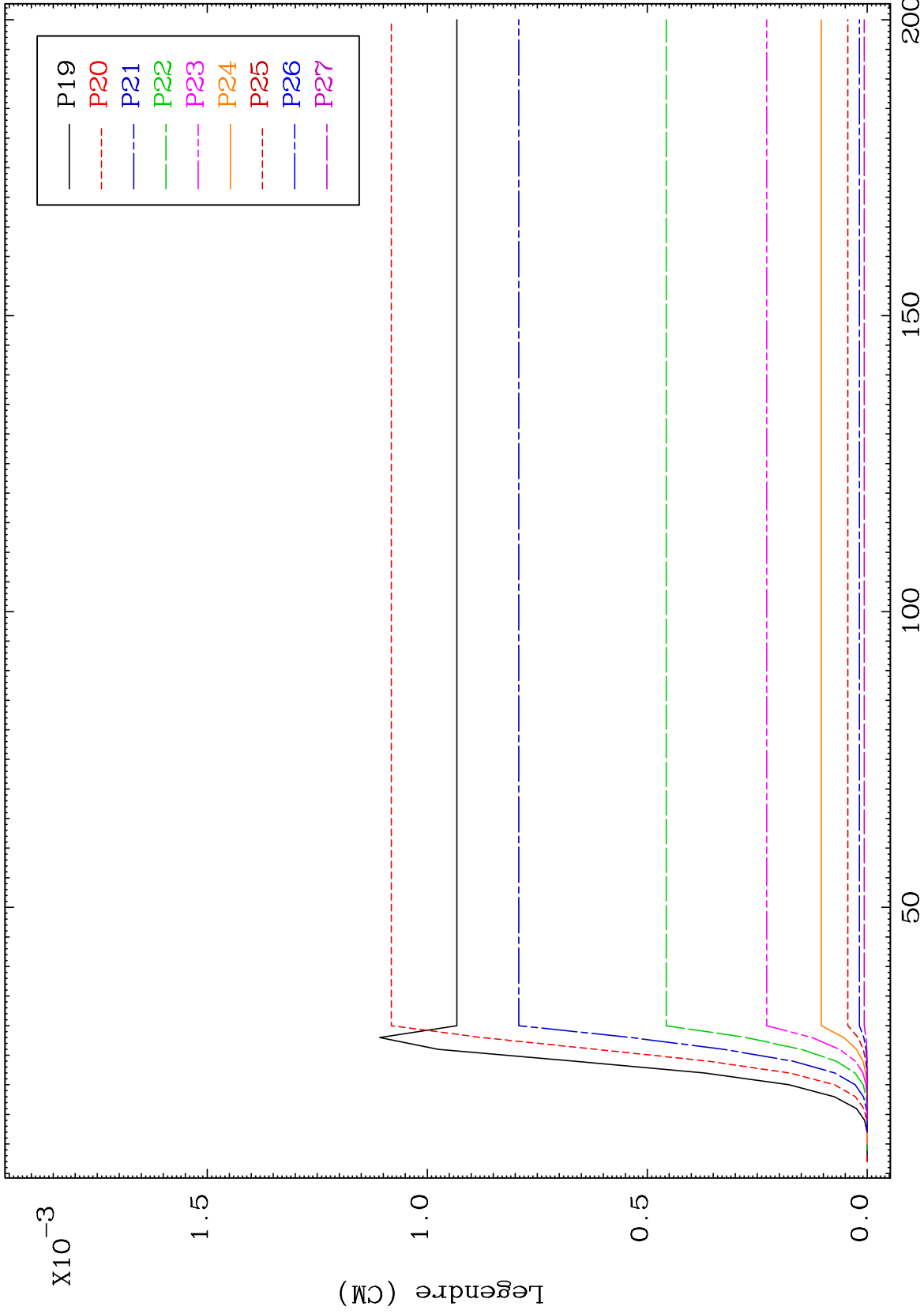
53-I -137

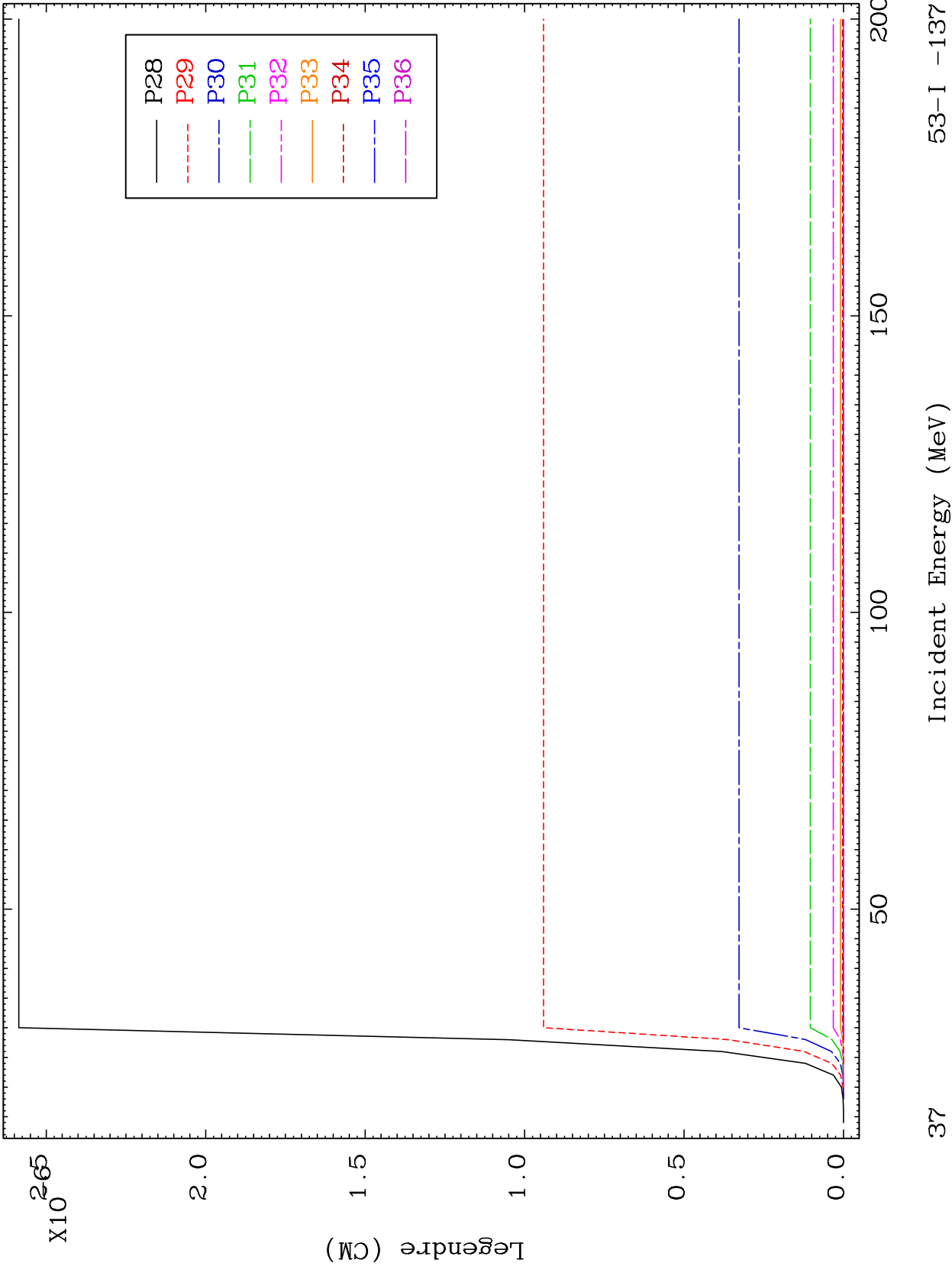


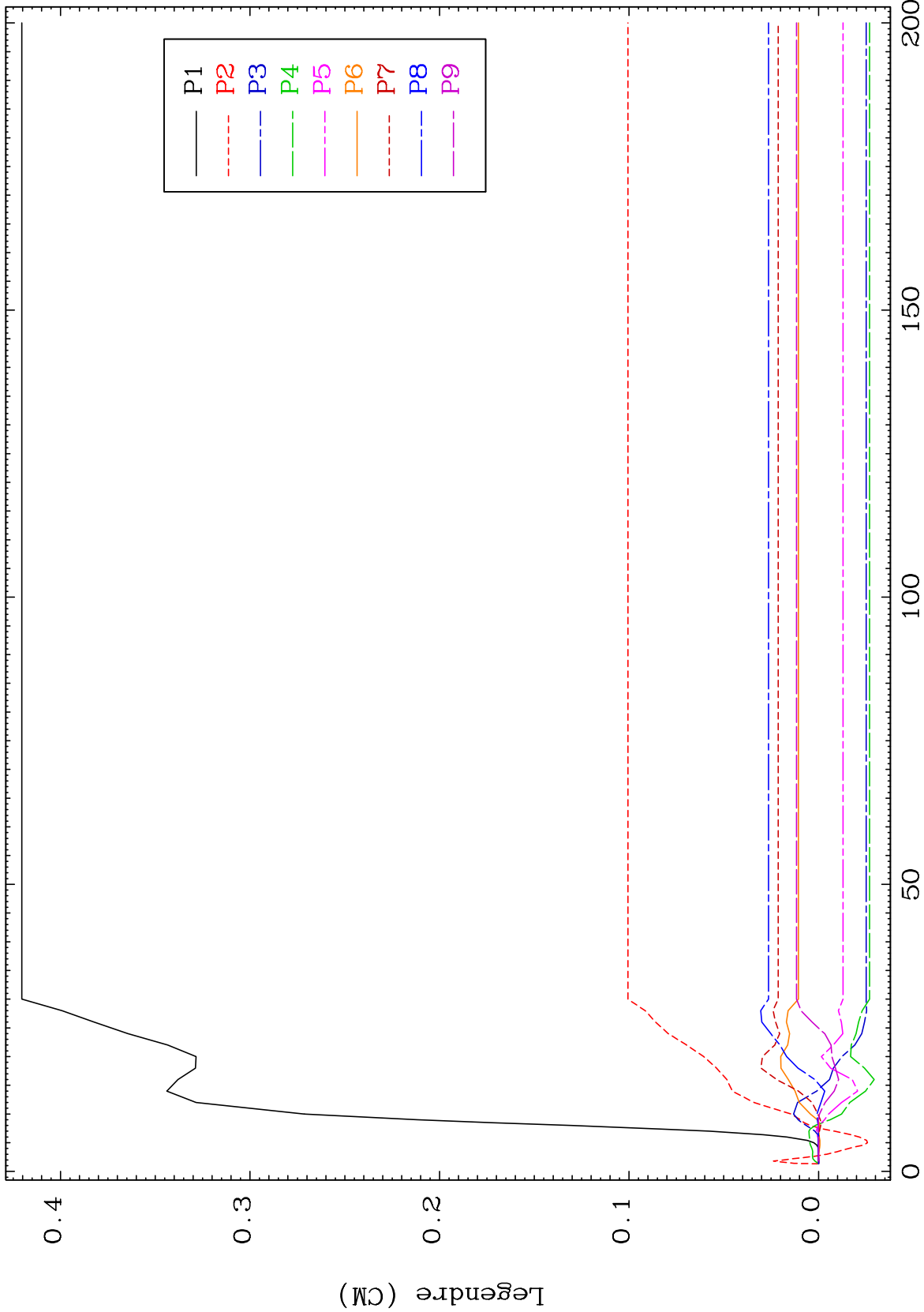
35

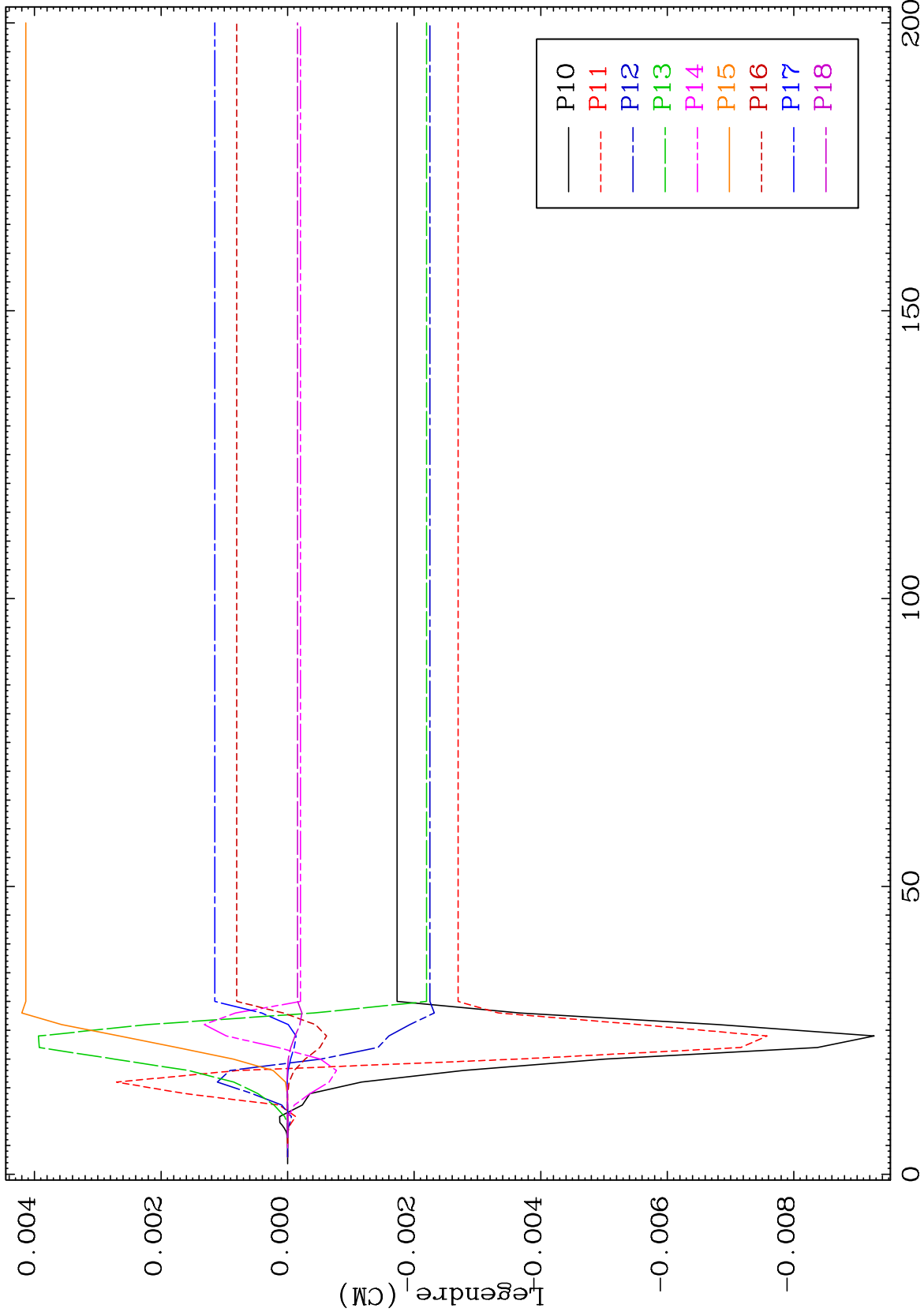
Incident Energy (MeV)

53-I -137









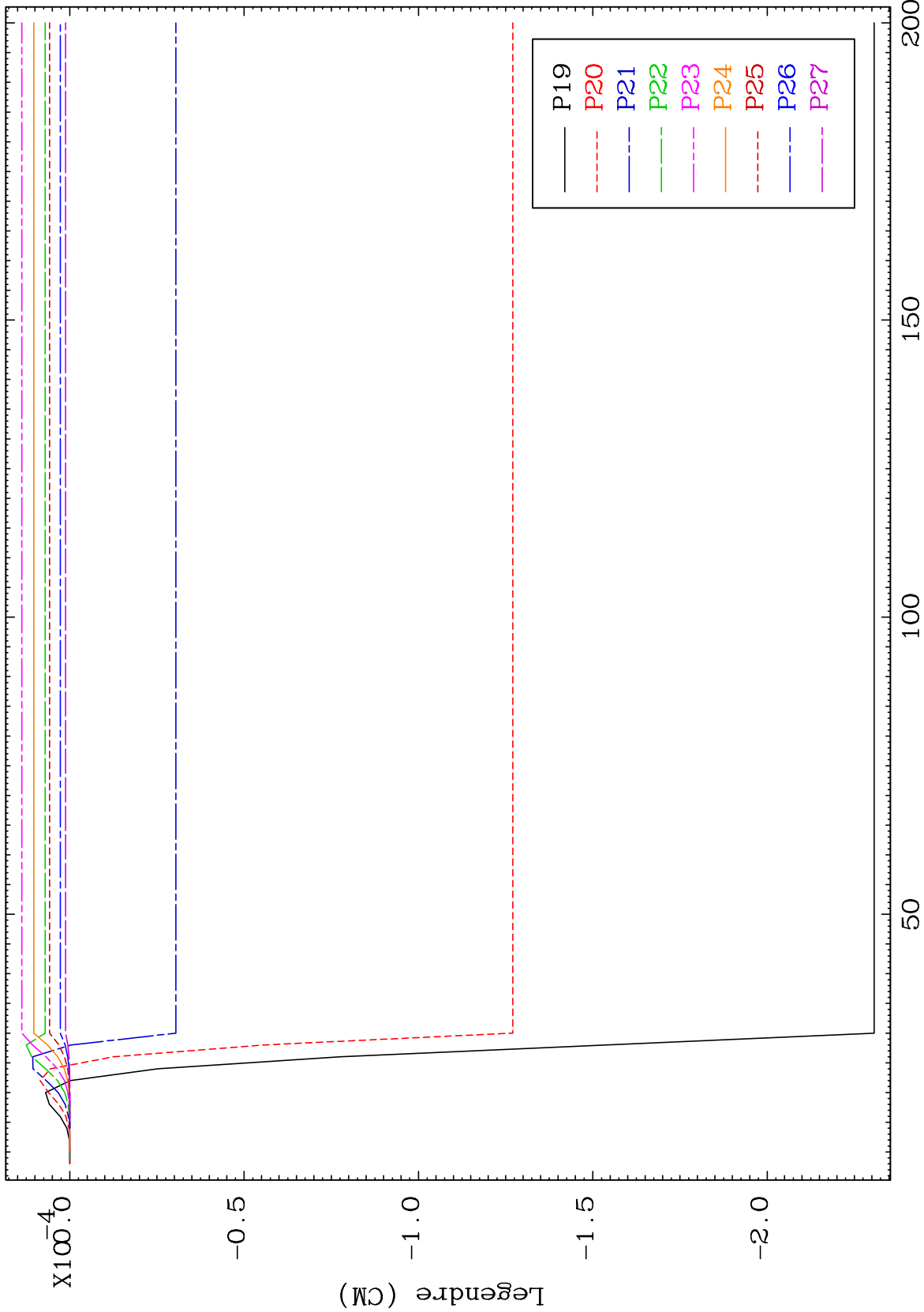


MAT 5355

MT= 56 (n,n') Level

53-I -137

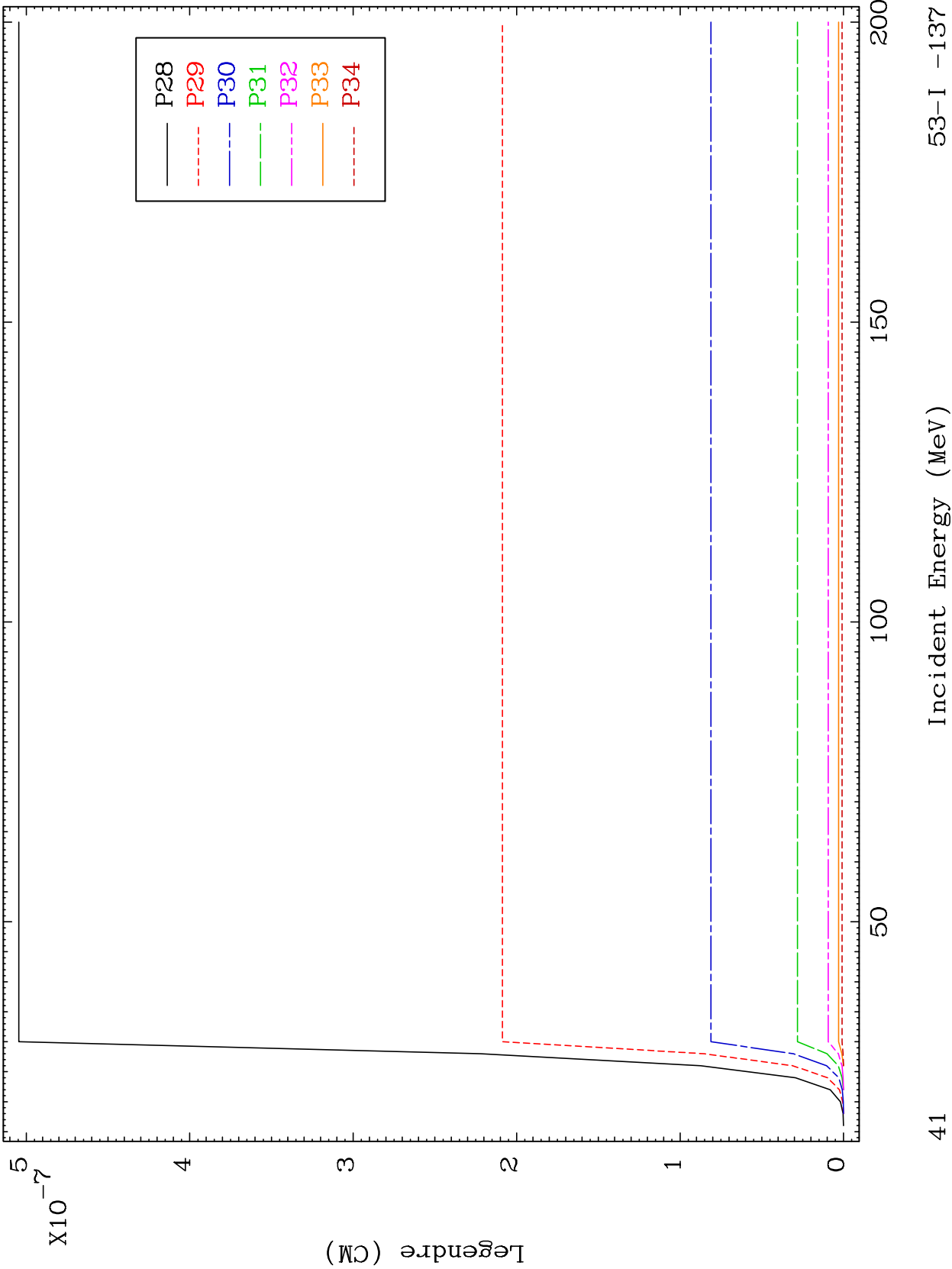
Legendre Coefficients

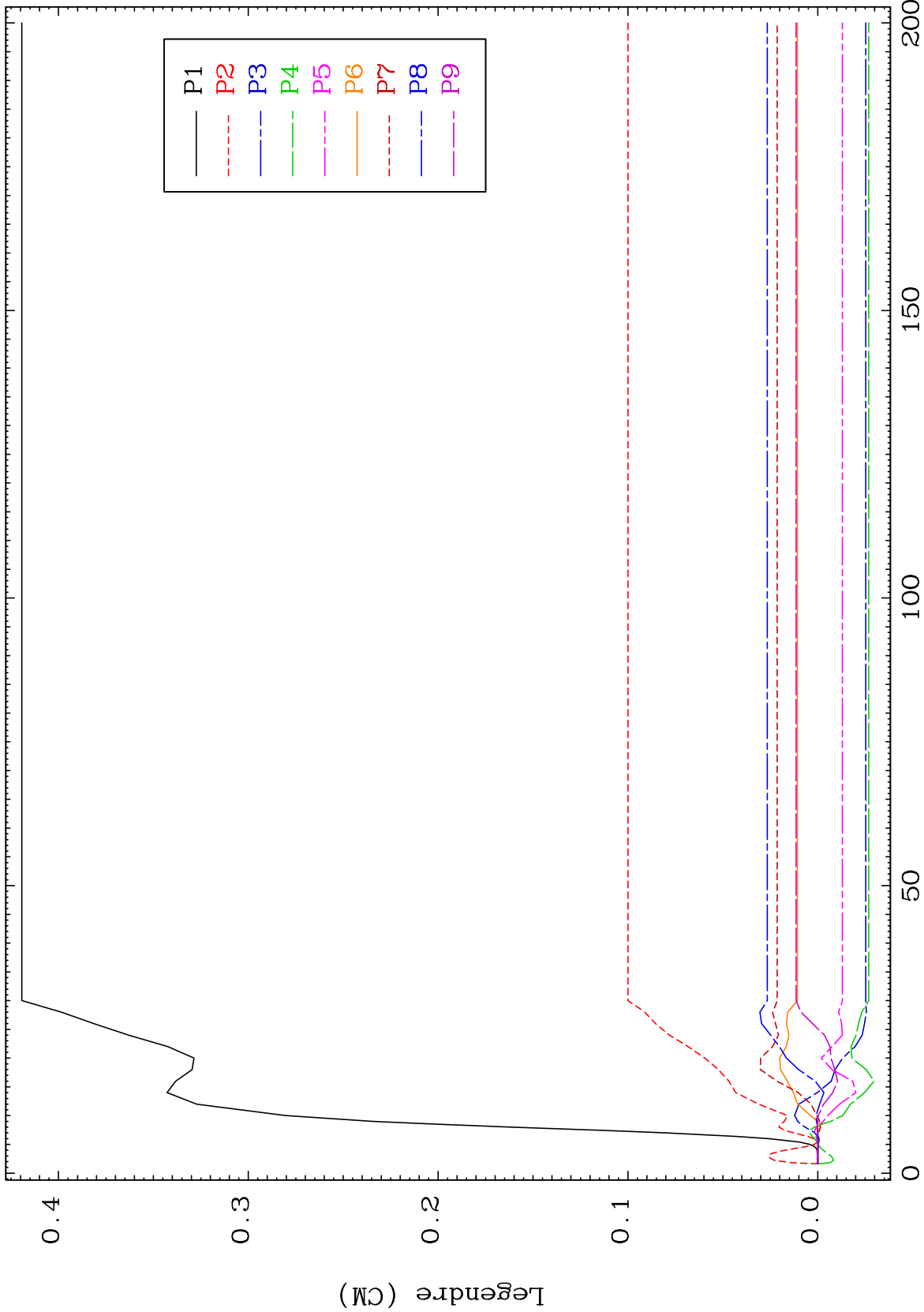


40

Incident Energy (MeV)

53-I -137

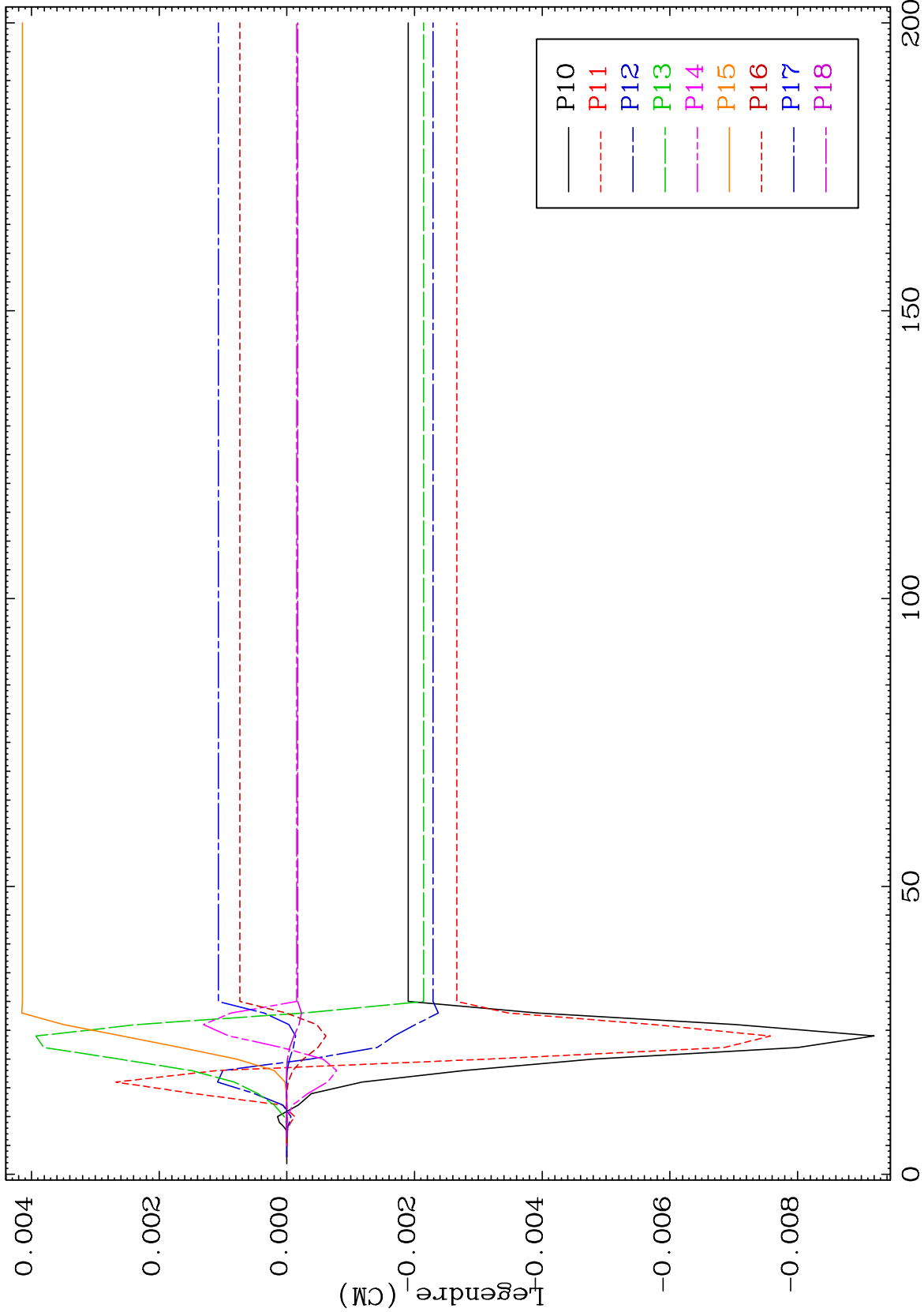




MAT 5355

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

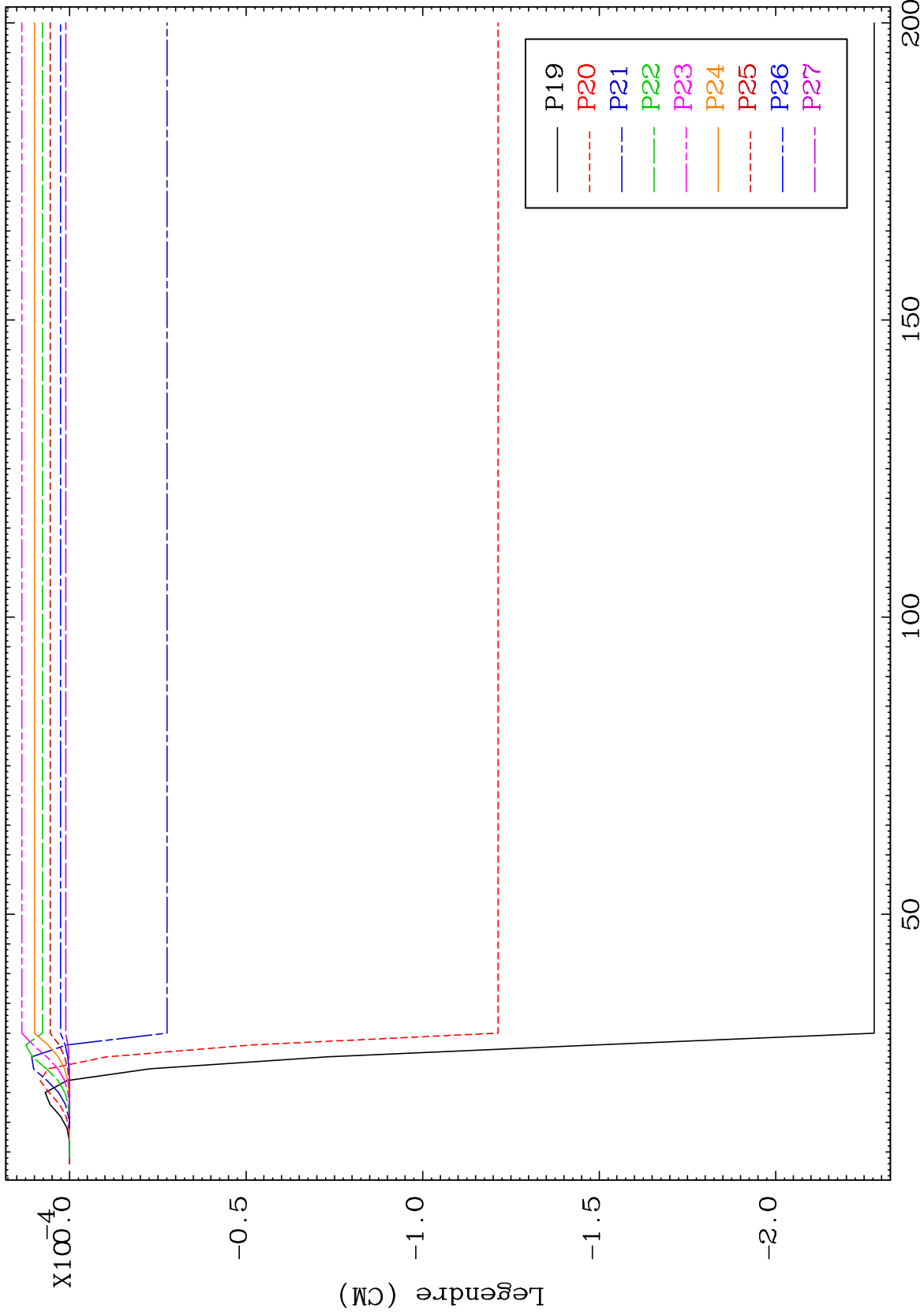
53-I -137



43

Incident Energy (MeV)

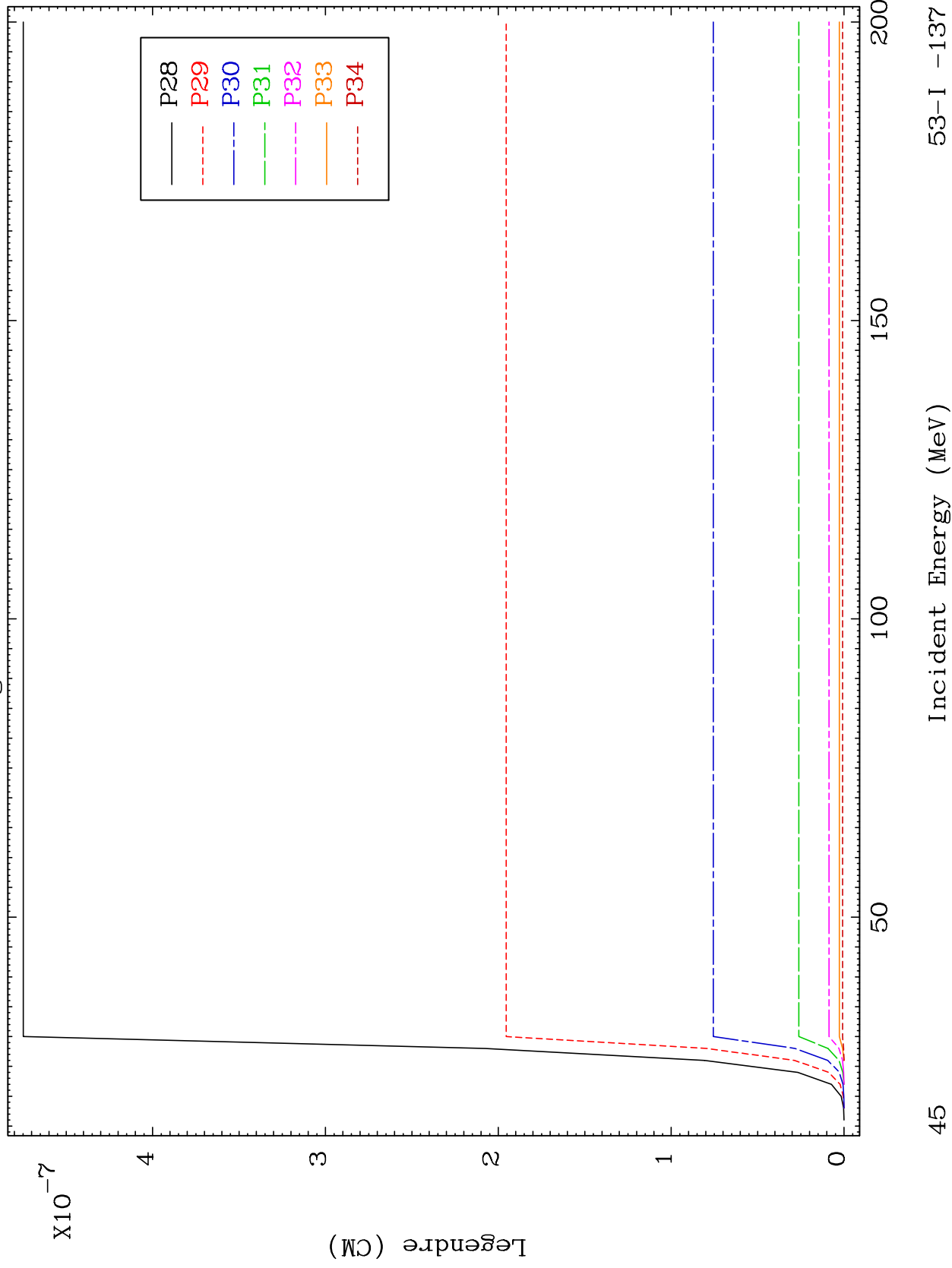
53-I -137



MAT 5355

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

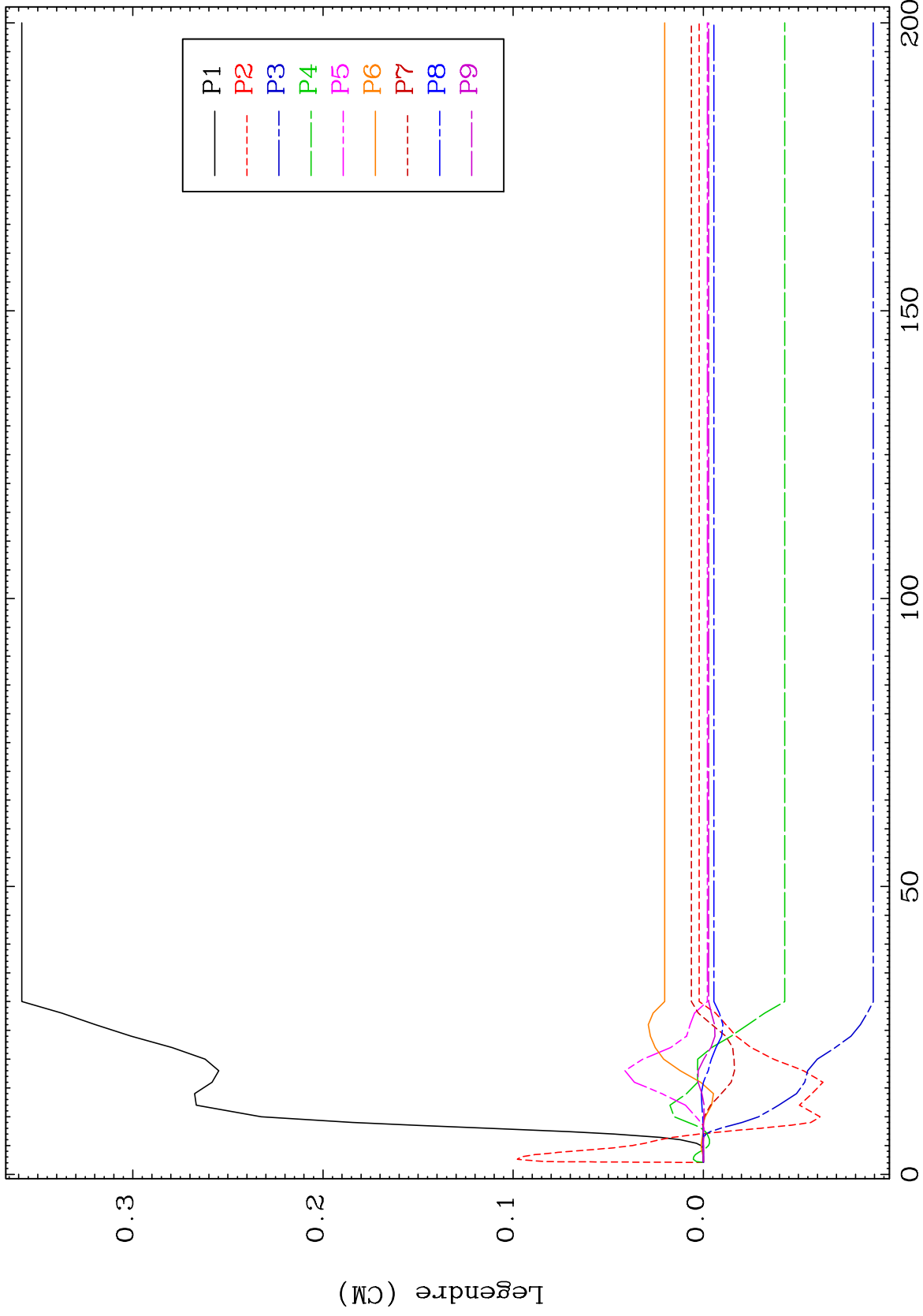
53-I -137

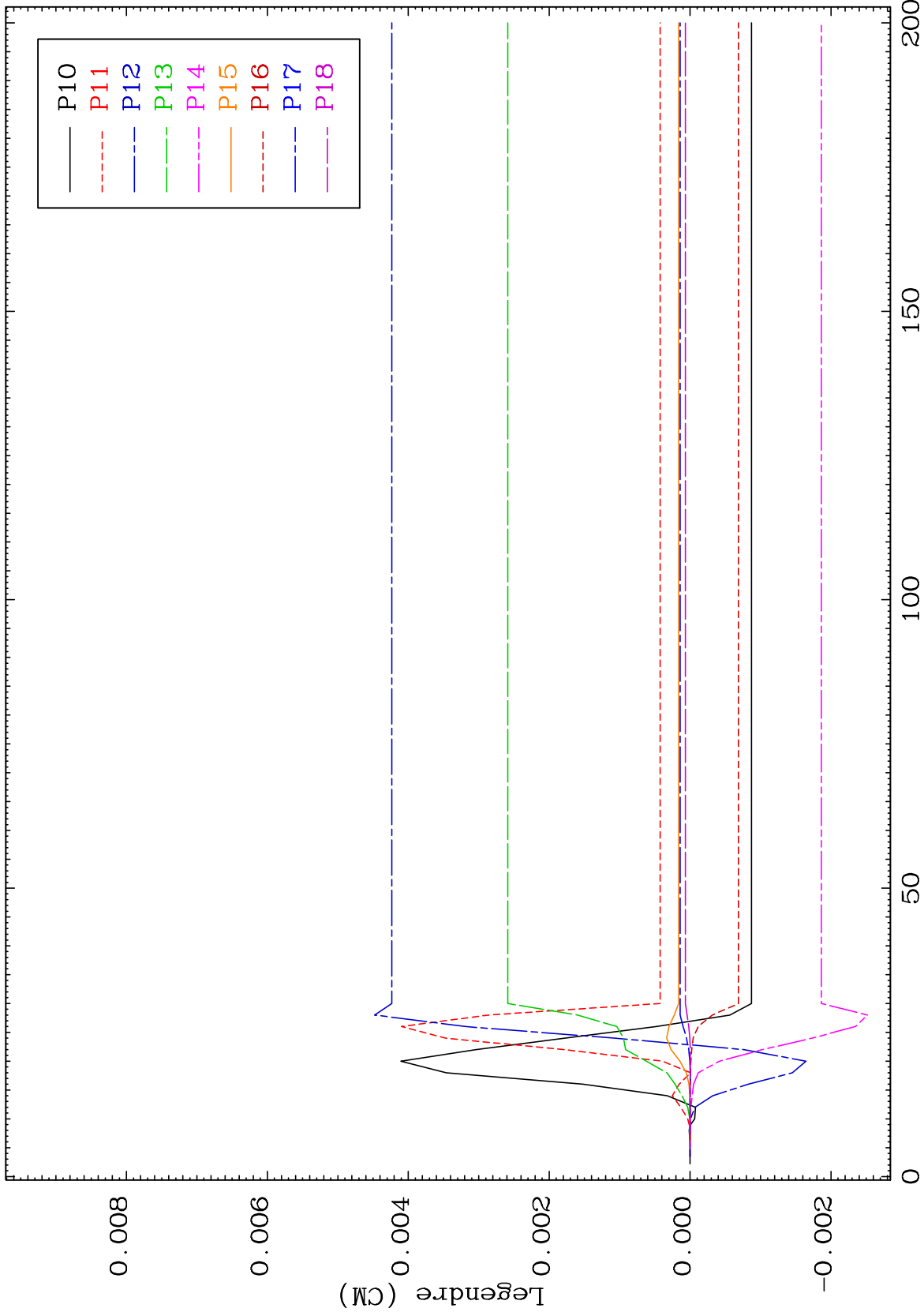


45

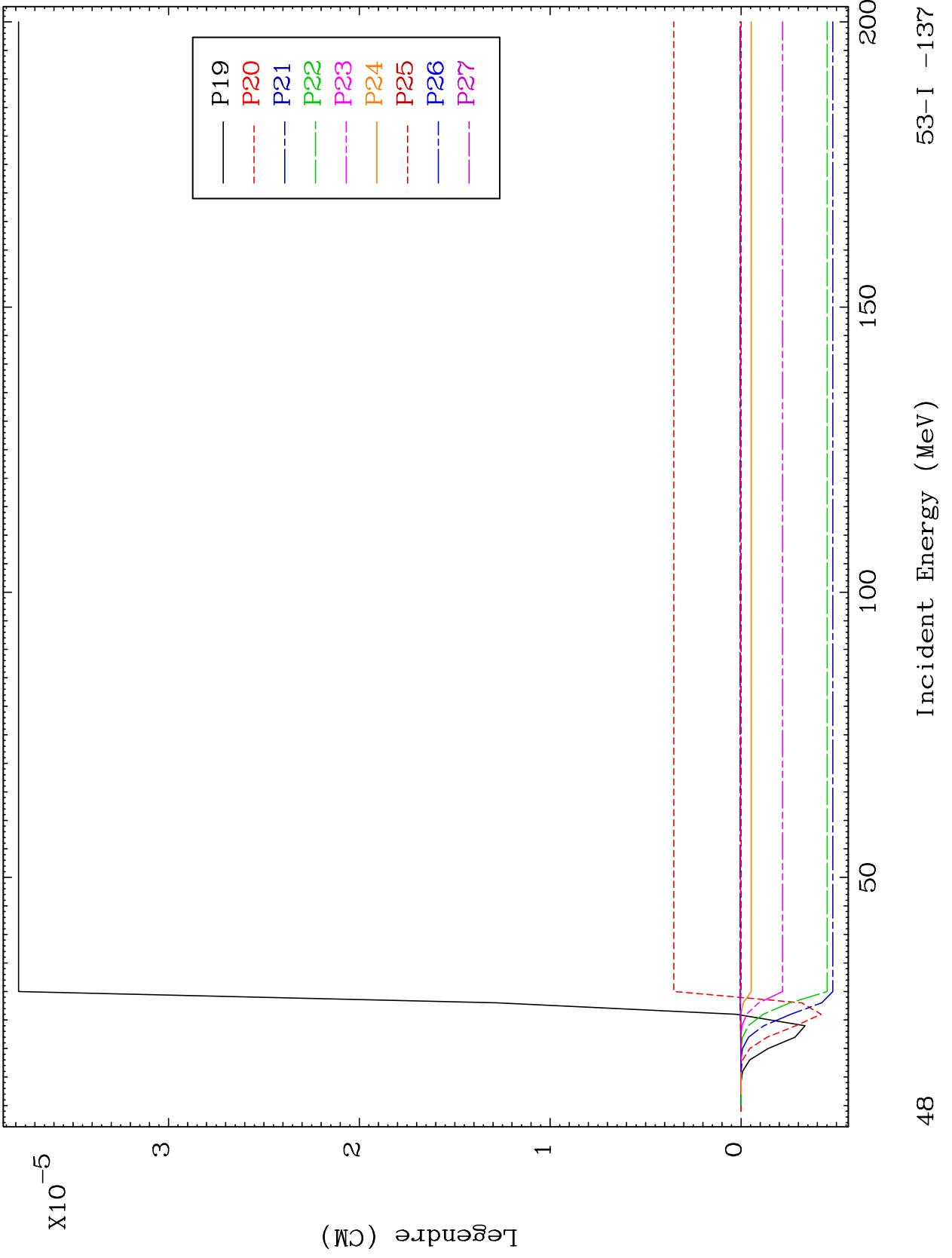
Incident Energy (MeV)

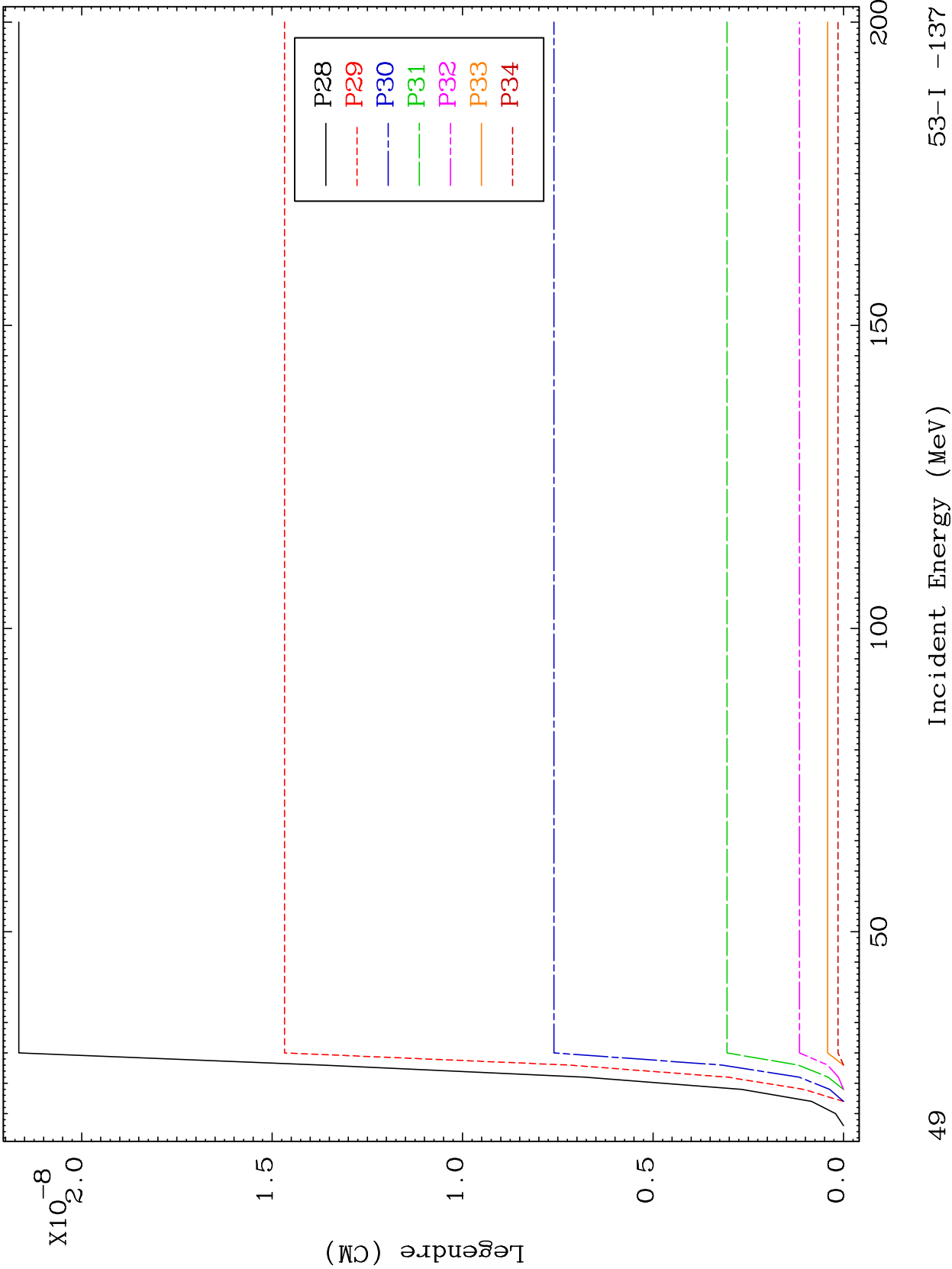
53-I -137









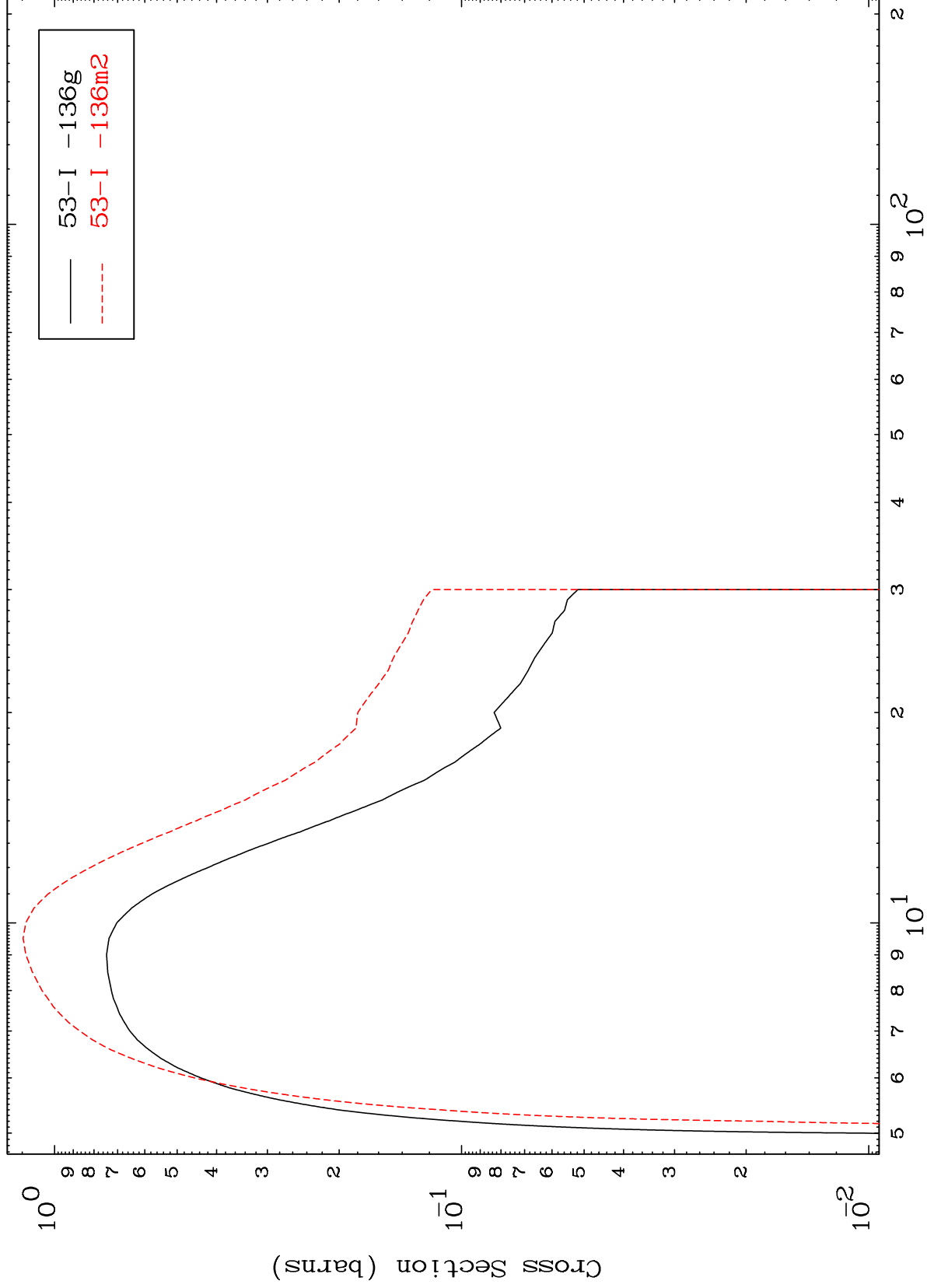


MAT 5355

(n,2n)

53-I -137

Radionuclide Production Cross Section



50

Incident Energy (MeV)

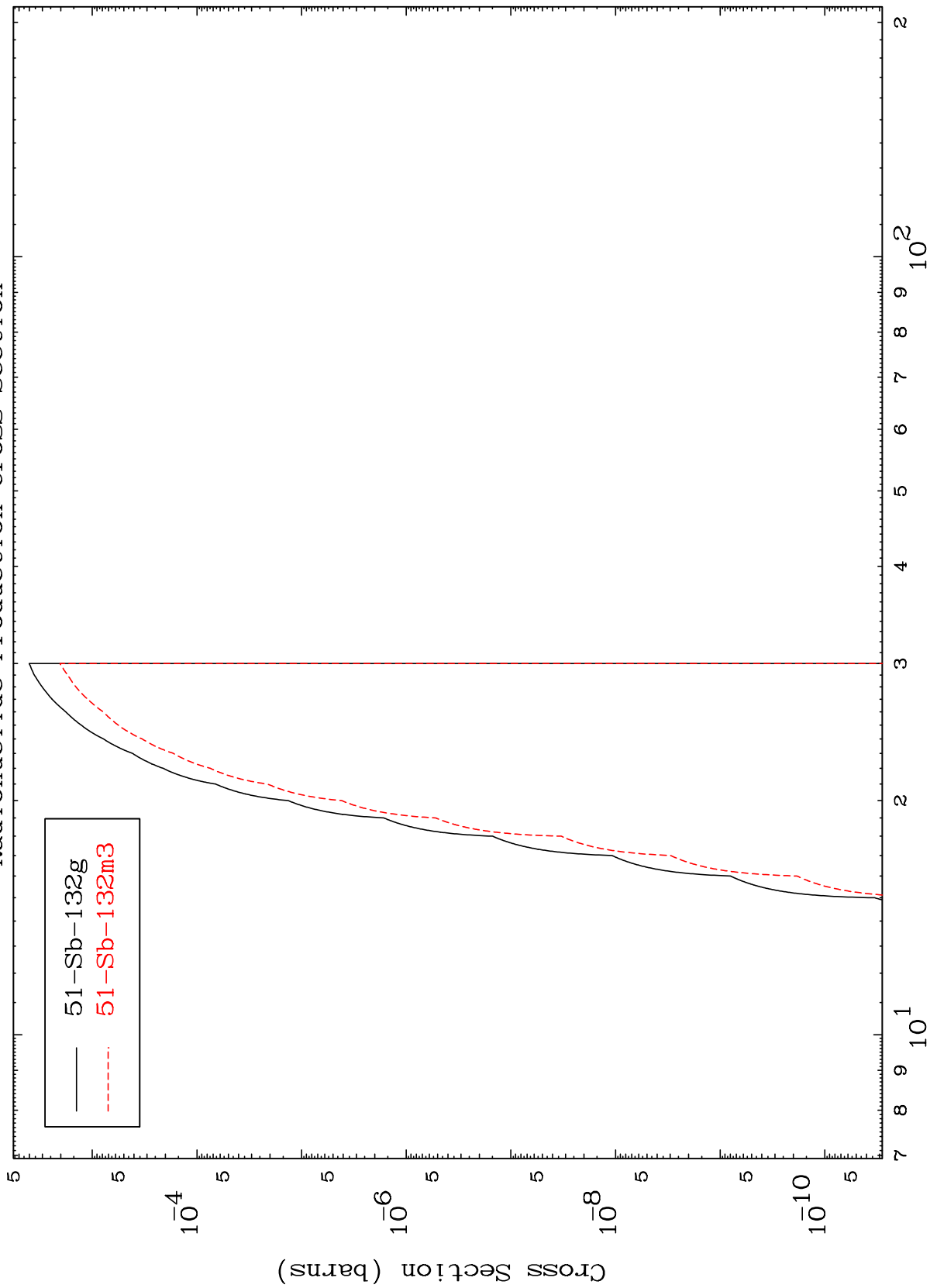
53-I -137

MAT 5355

(n,2n)  $\alpha$

53-I -137

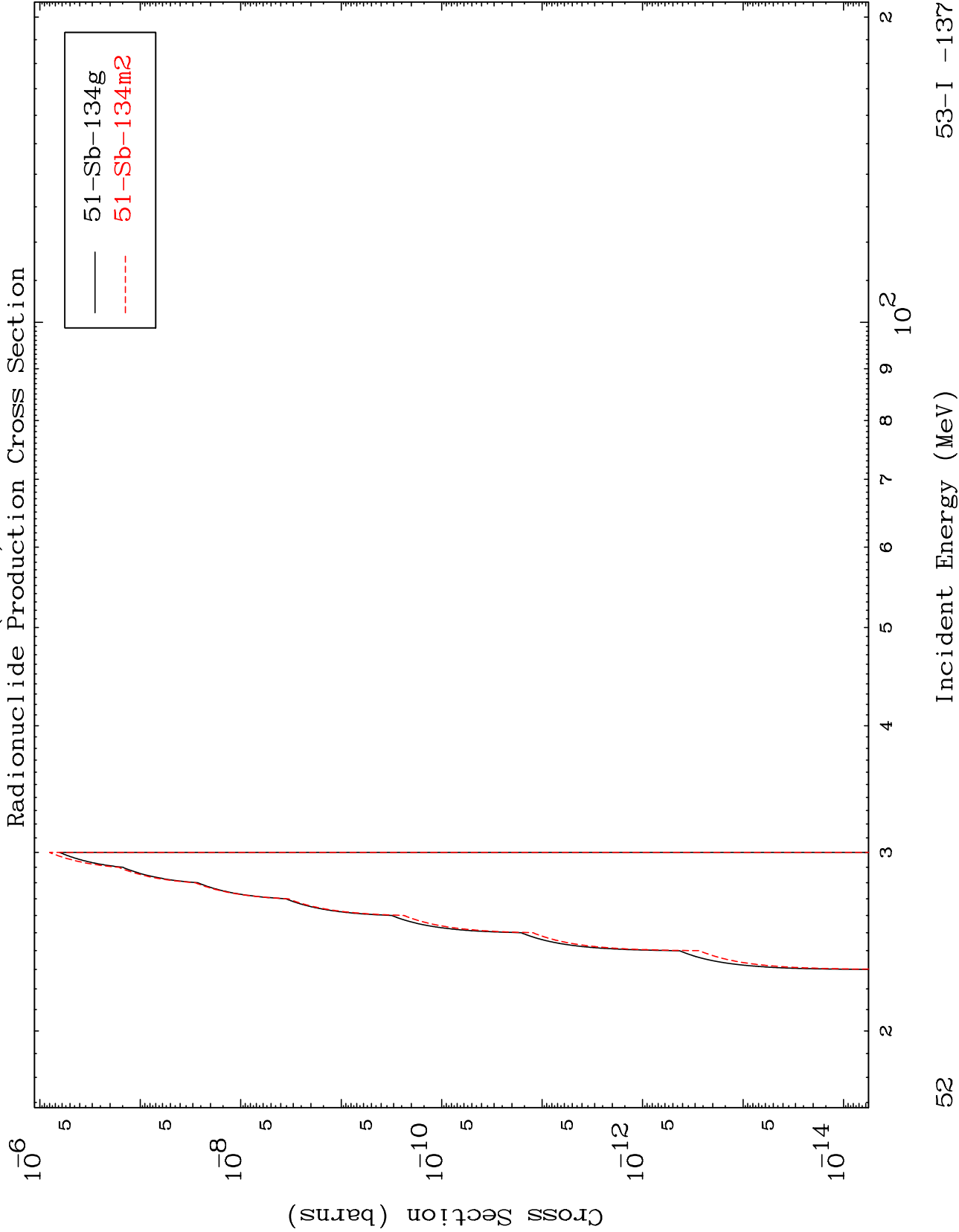
Radionuclide Production Cross Section



51

Incident Energy (MeV)

53-I -137

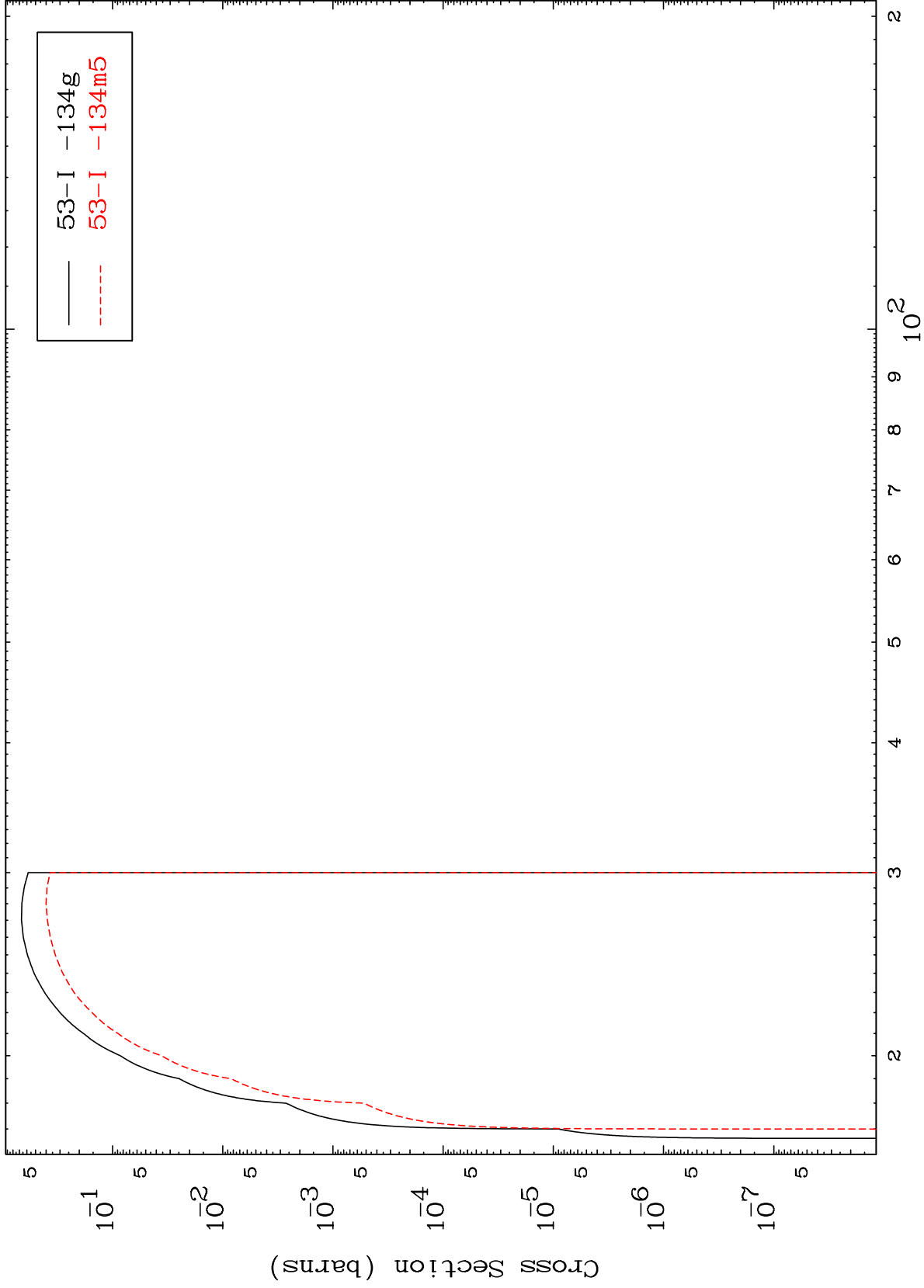


MAT 5355

(n,4n)

53-I -137

Radionuclide Production Cross Section



53-I -134g  
53-I -134m5

53

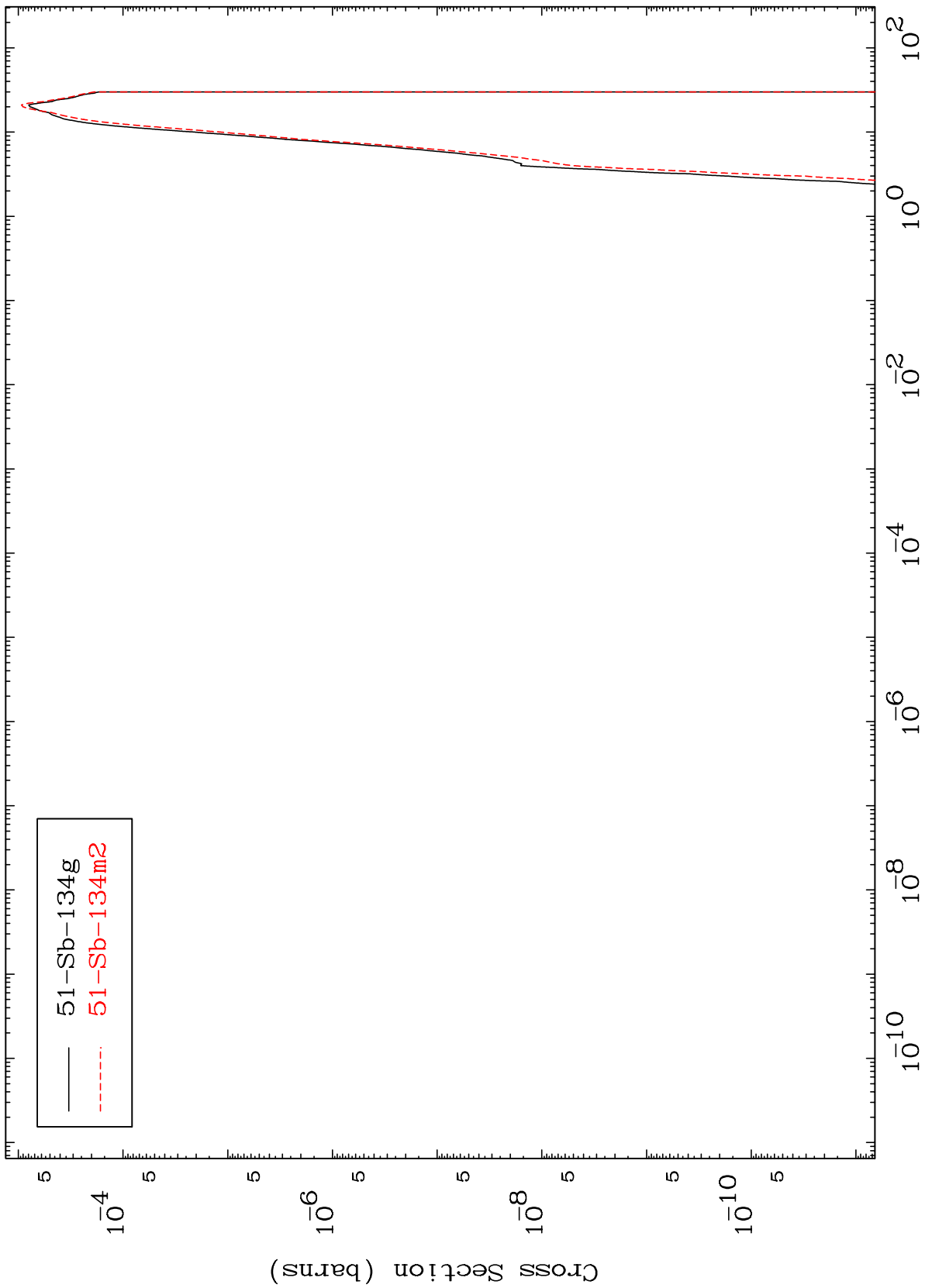
Incident Energy (MeV)

53-I -137

MAT 5355

53-I -137

Radionuclide Production Cross Section



54

53-I -137