

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

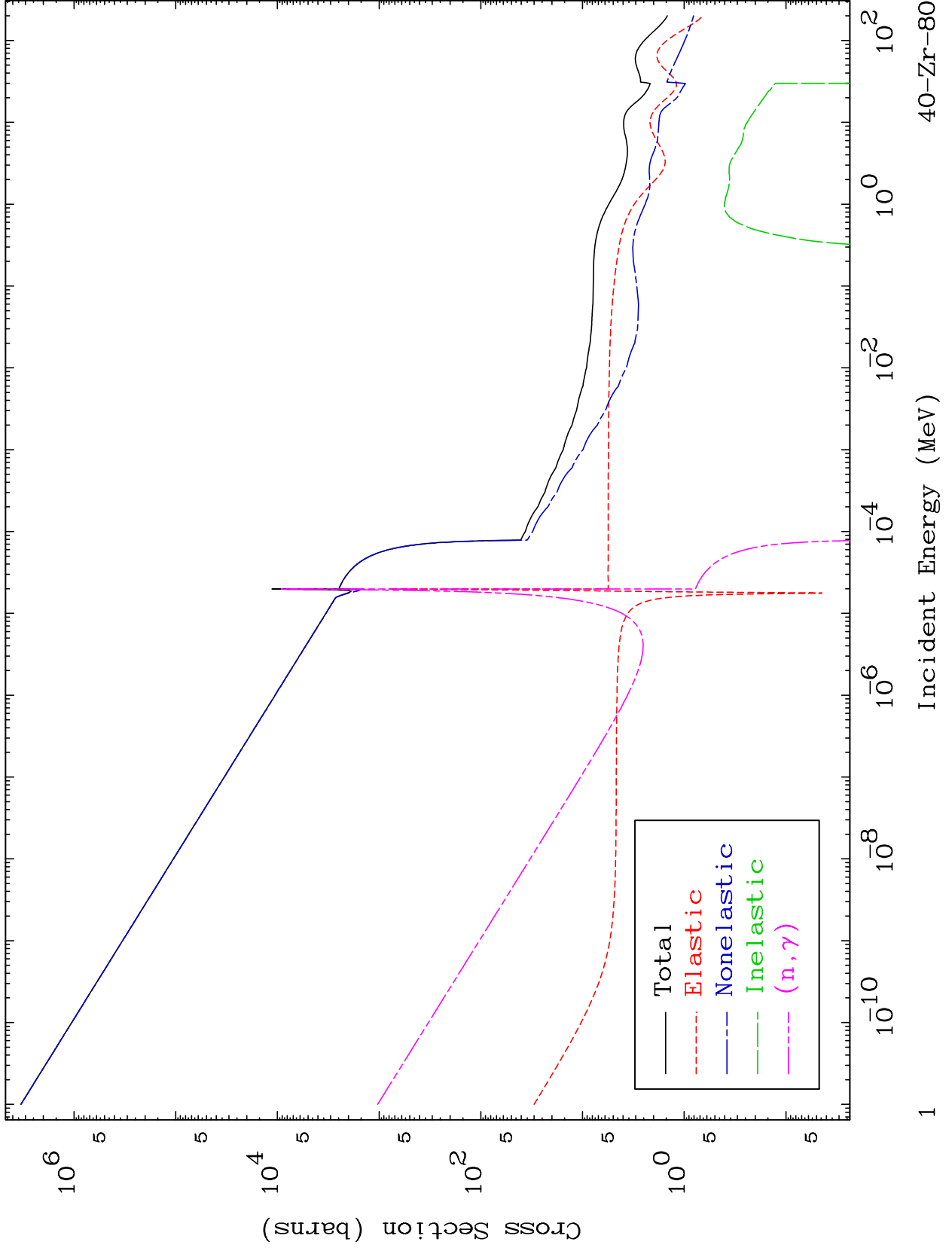
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3995

Neutron Major
293 Kelvin Cross Sections

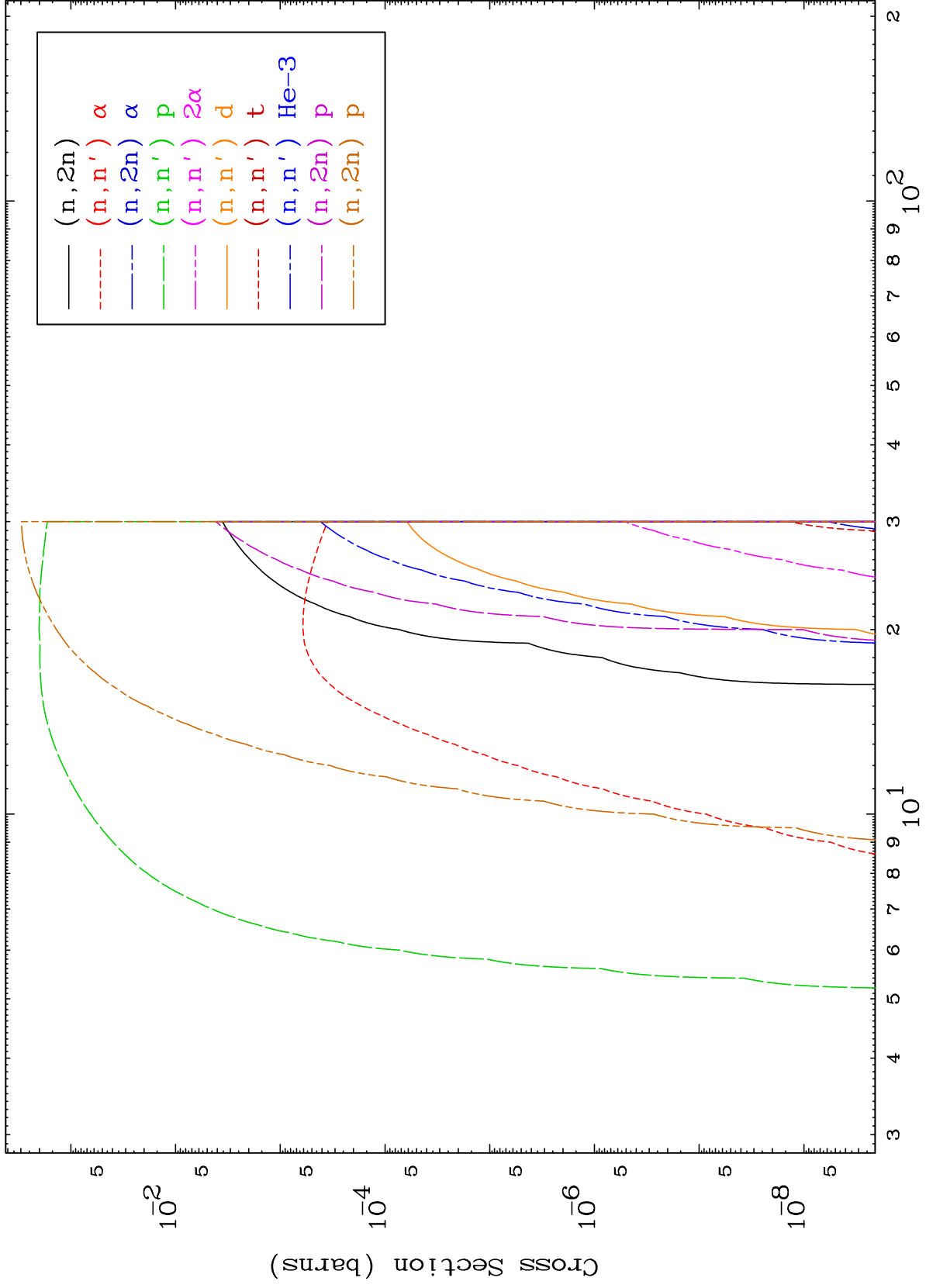
40-Zr-80



MAT 3995

Neutron Absorption
293 Kelvin Cross Sections

40-Zr-80



2

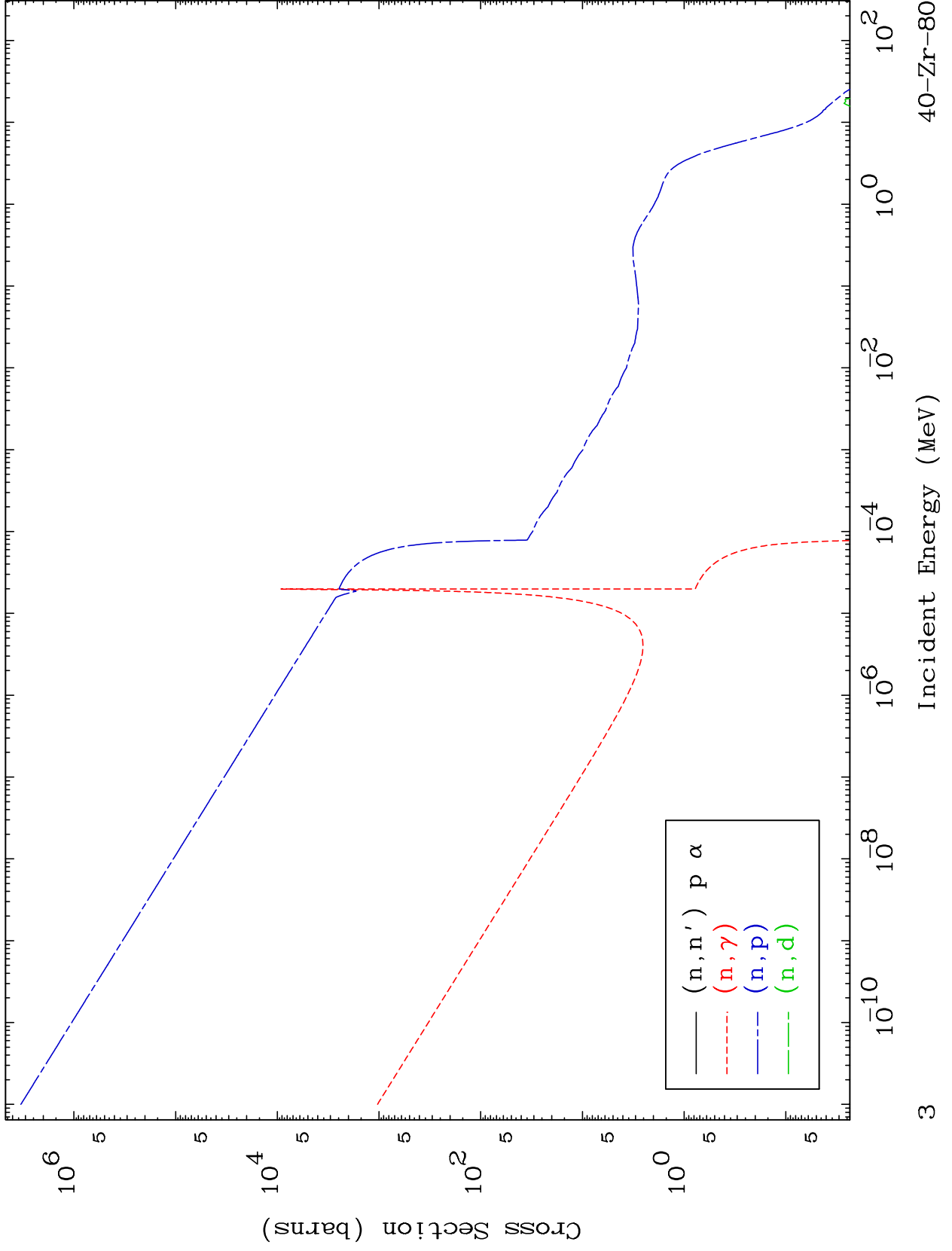
Incident Energy (MeV)

40-Zr-80

MAT 3995

Neutron Absorption
293 Kelvin Cross Sections

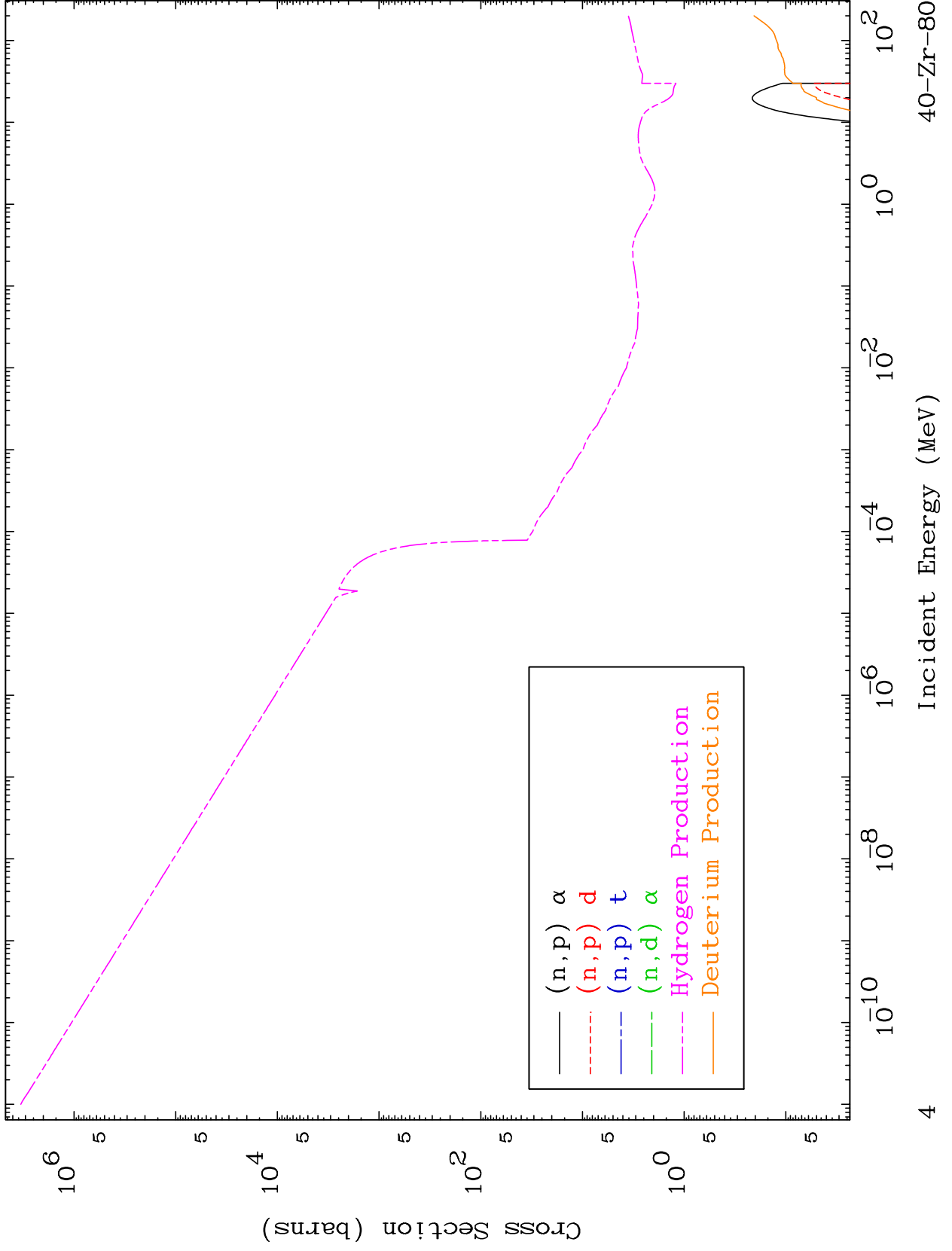
40-Zr-80



MAT 3995

Neutron Absorption
293 Kelvin Cross Sections

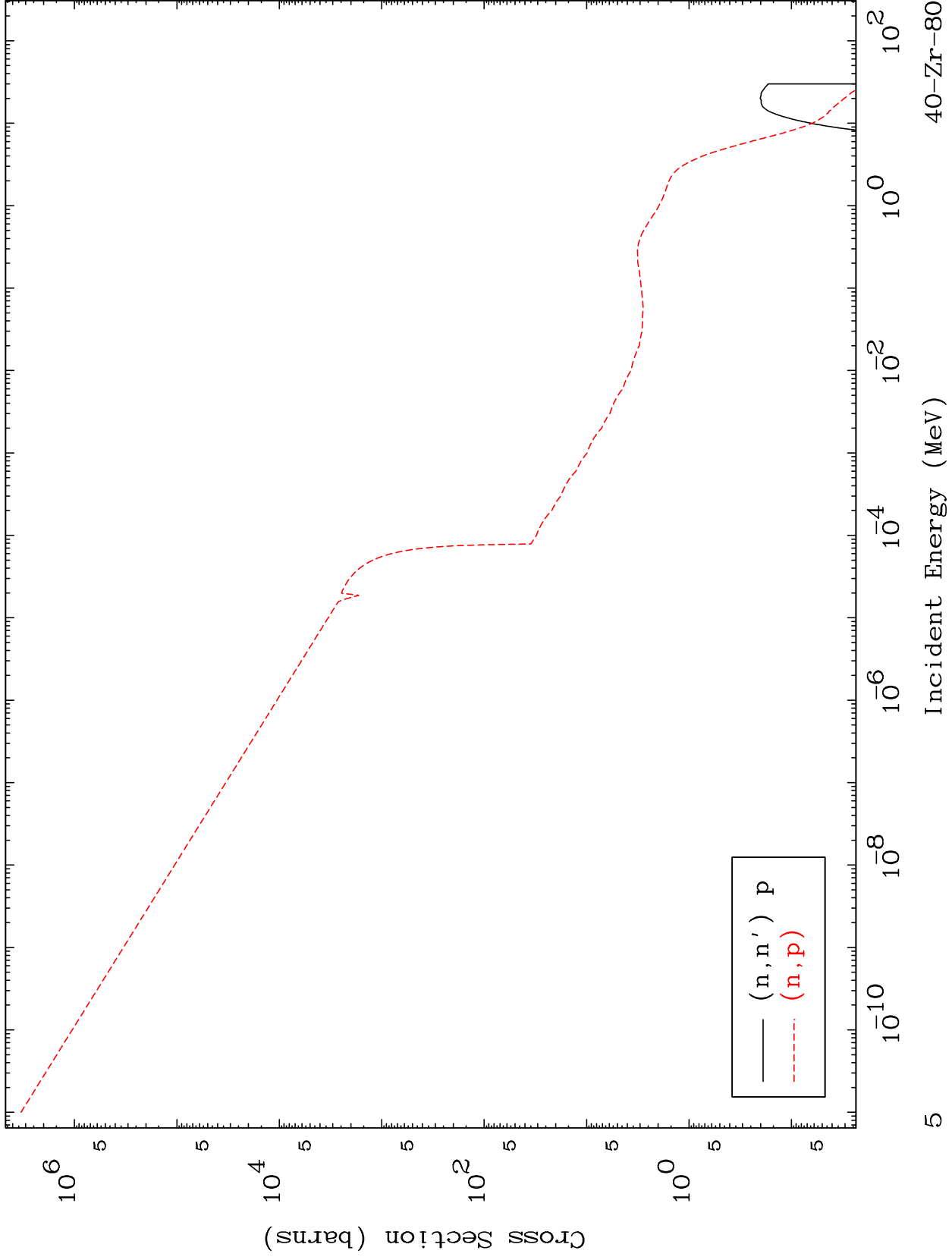
40-Zr-80



MAT 3995

Charged Particle
293 Kelvin Cross Sections

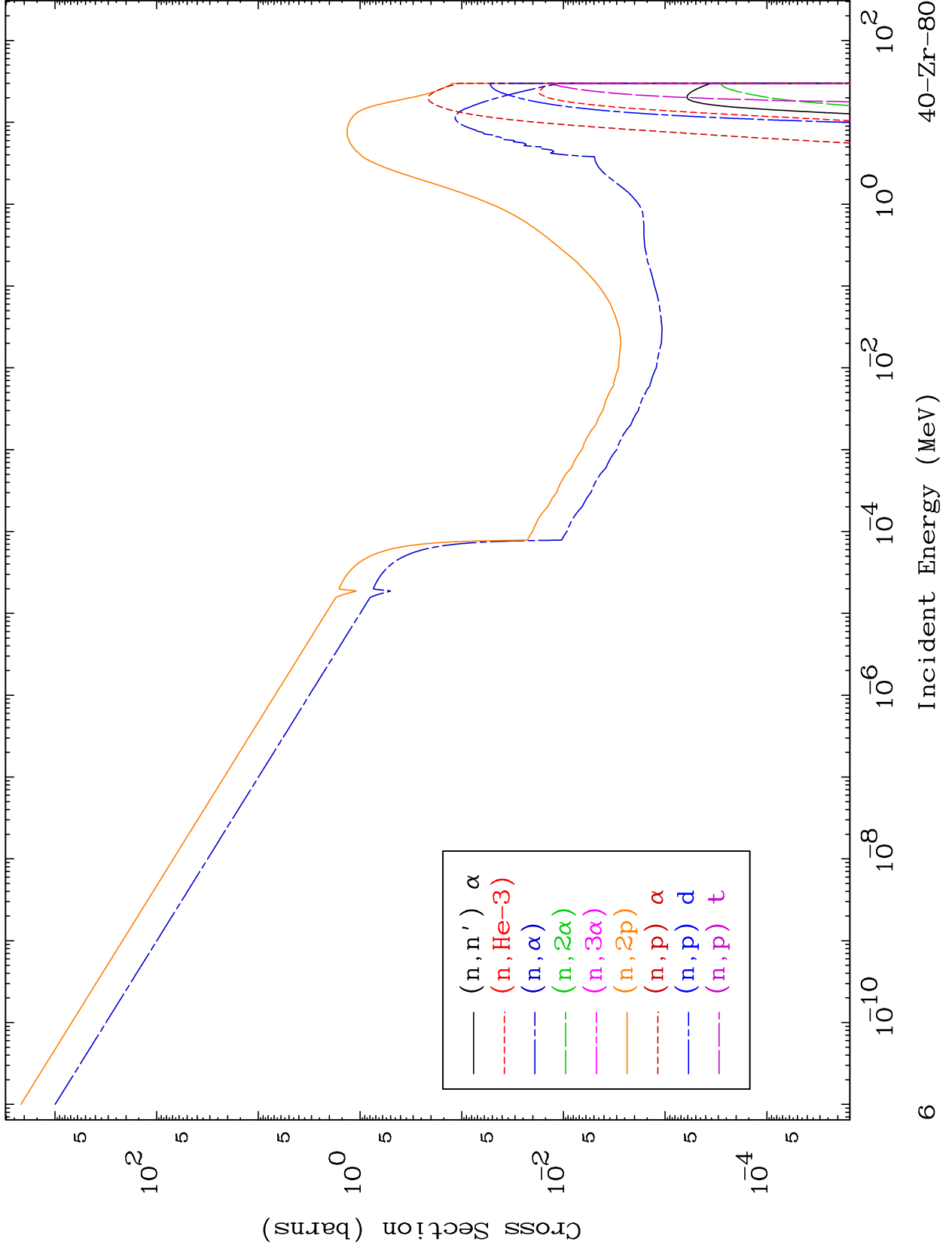
40-Zr-80



MAT 3995

Charged Particle
293 Kelvin Cross Sections

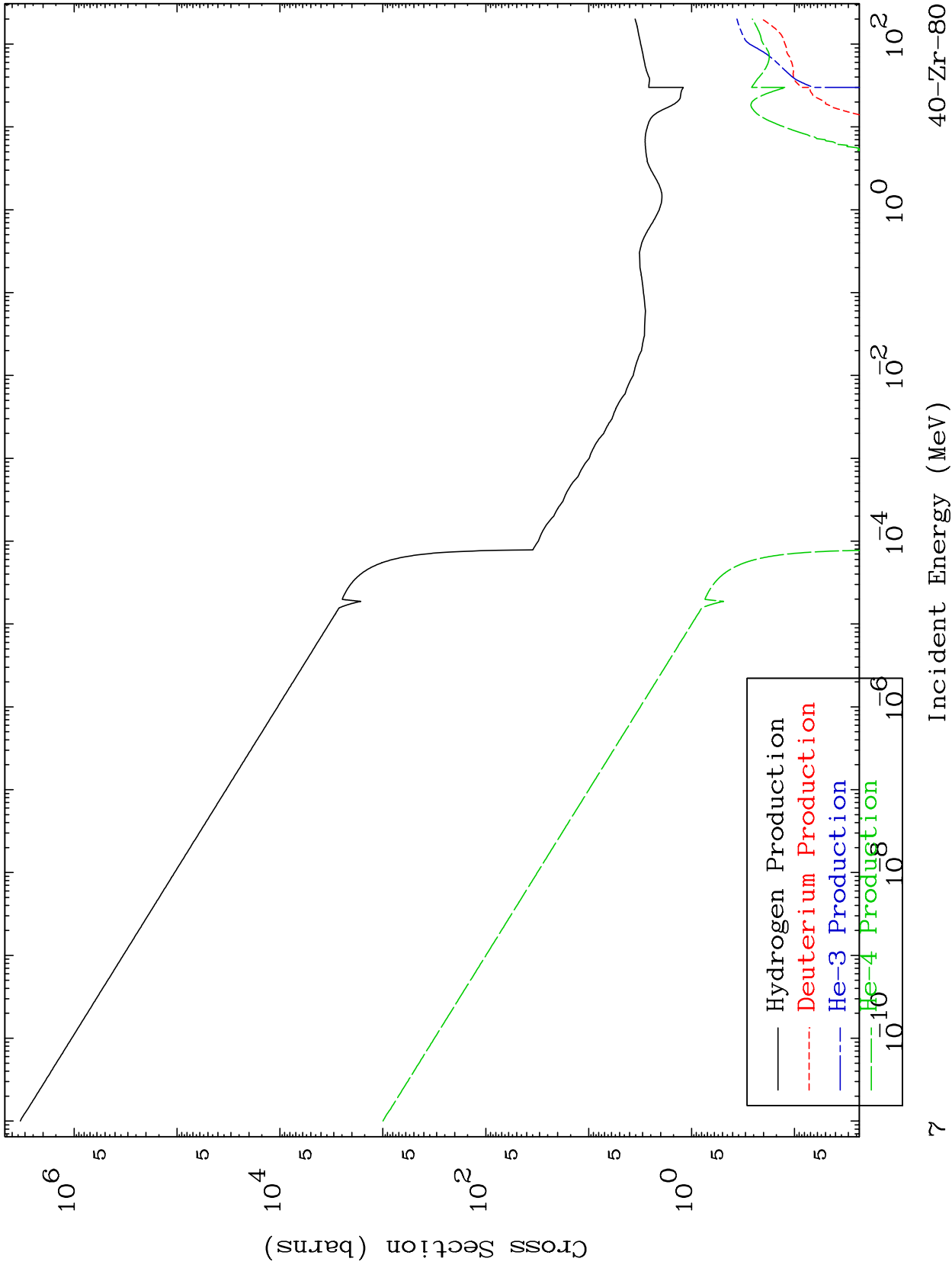
40-Zr-80



MAT 3995

Particle Production
293 Kelvin Cross Sections

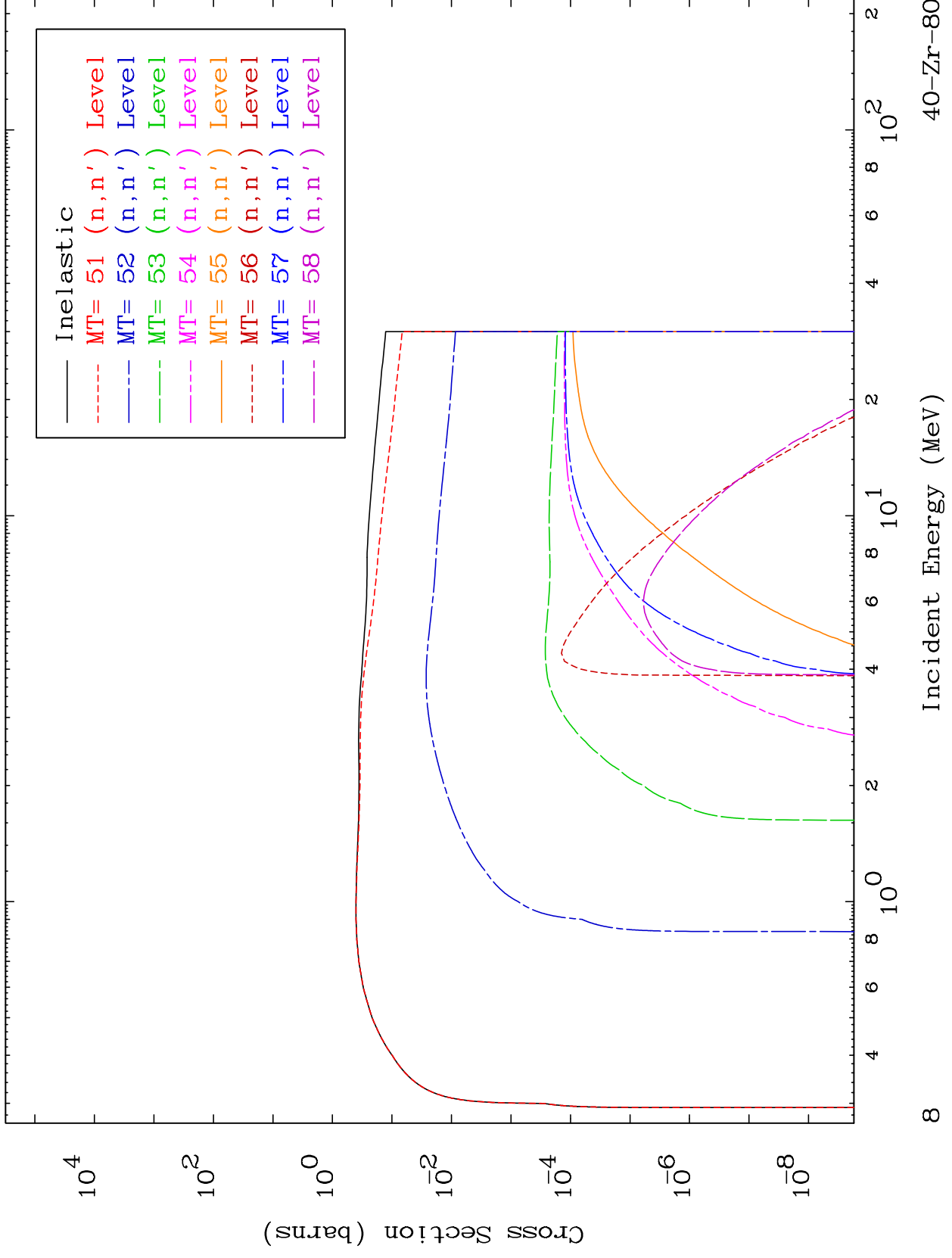
40-Zr-80



MAT 3995

(n,n') Levels
293 Kelvin Cross Sections

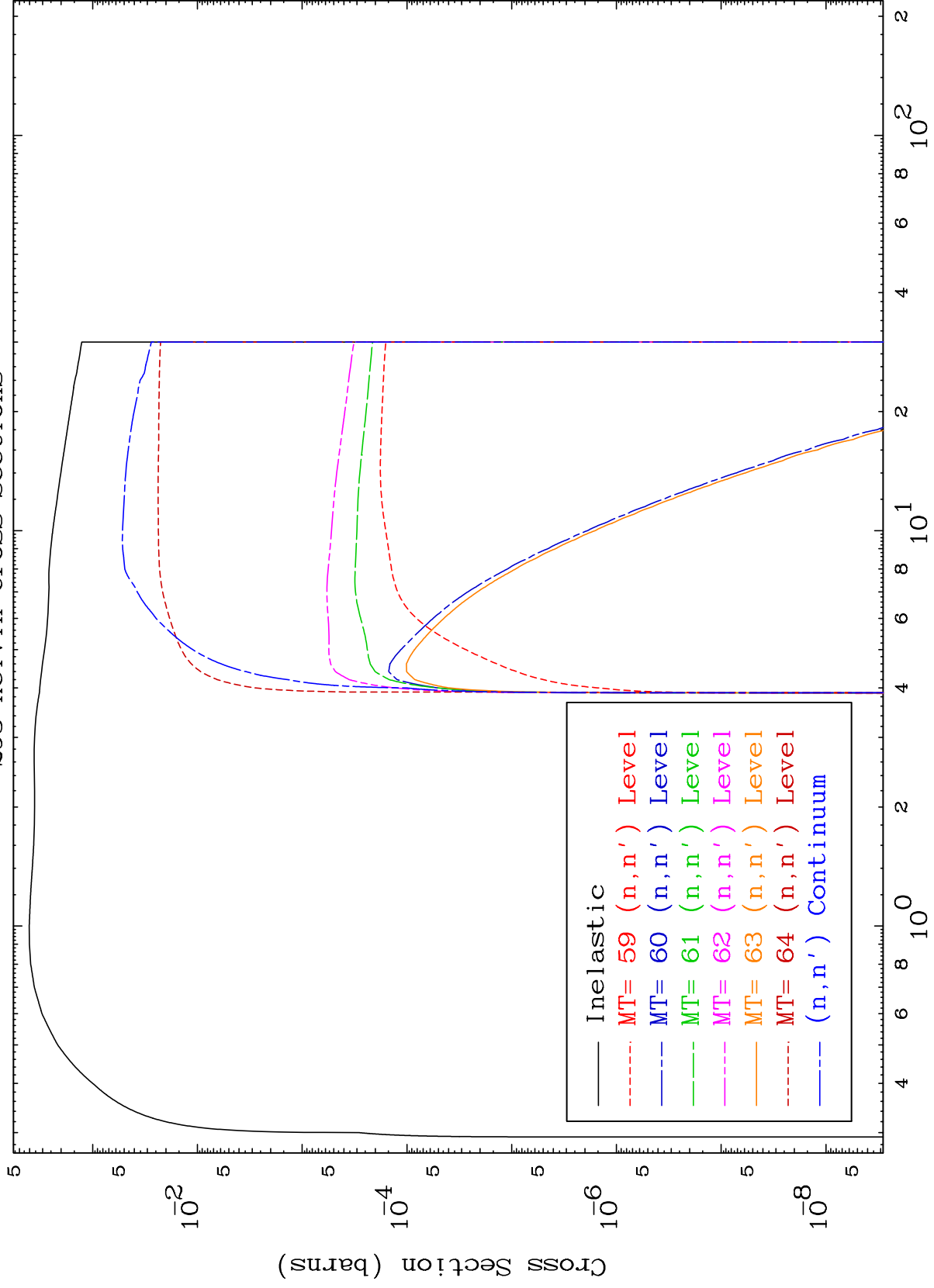
40-Zr-80



MAT 3995

(n,n') Levels
293 Kelvin Cross Sections

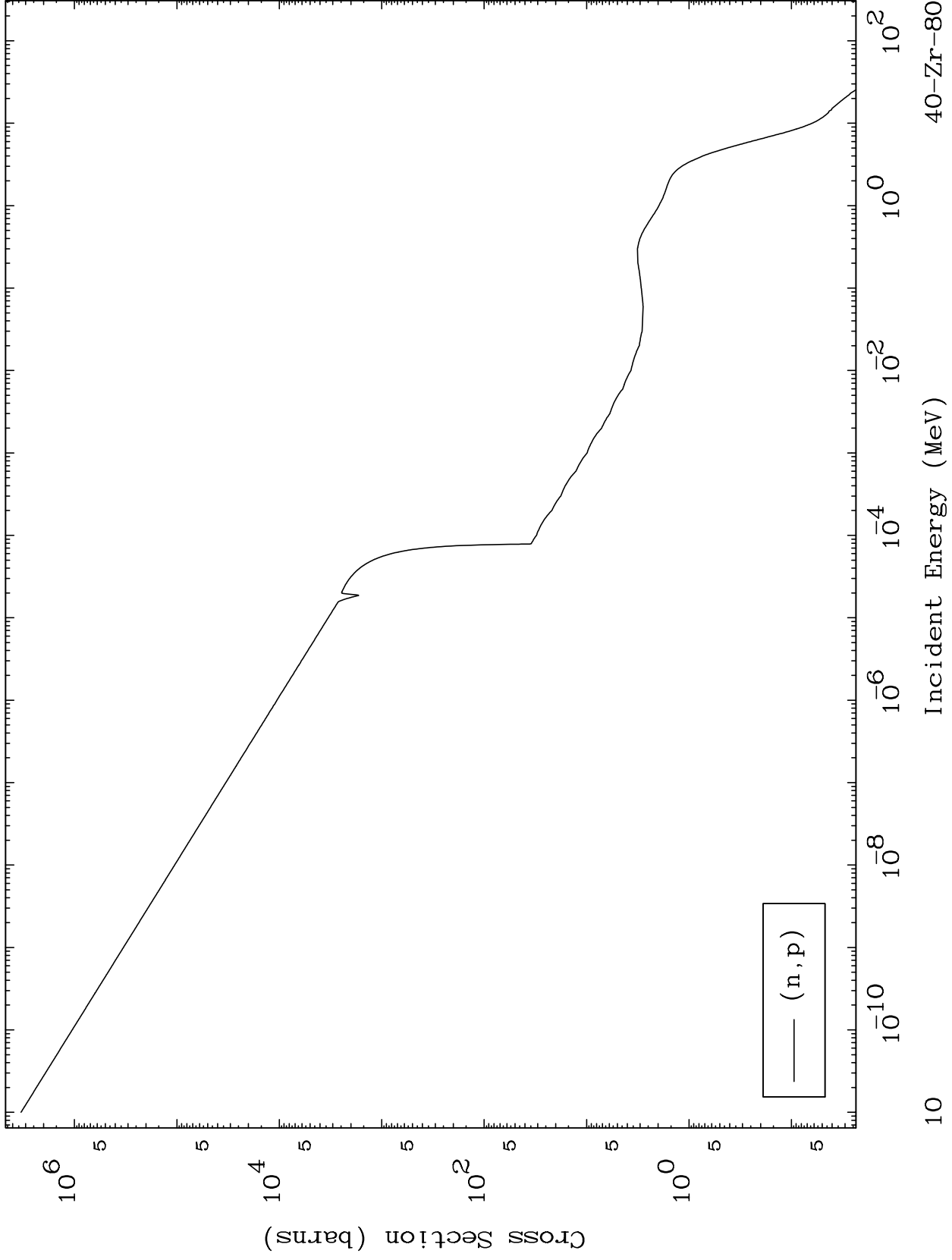
40-Zr-80



MAT 3995

(n,p) Levels
293 Kelvin Cross Sections

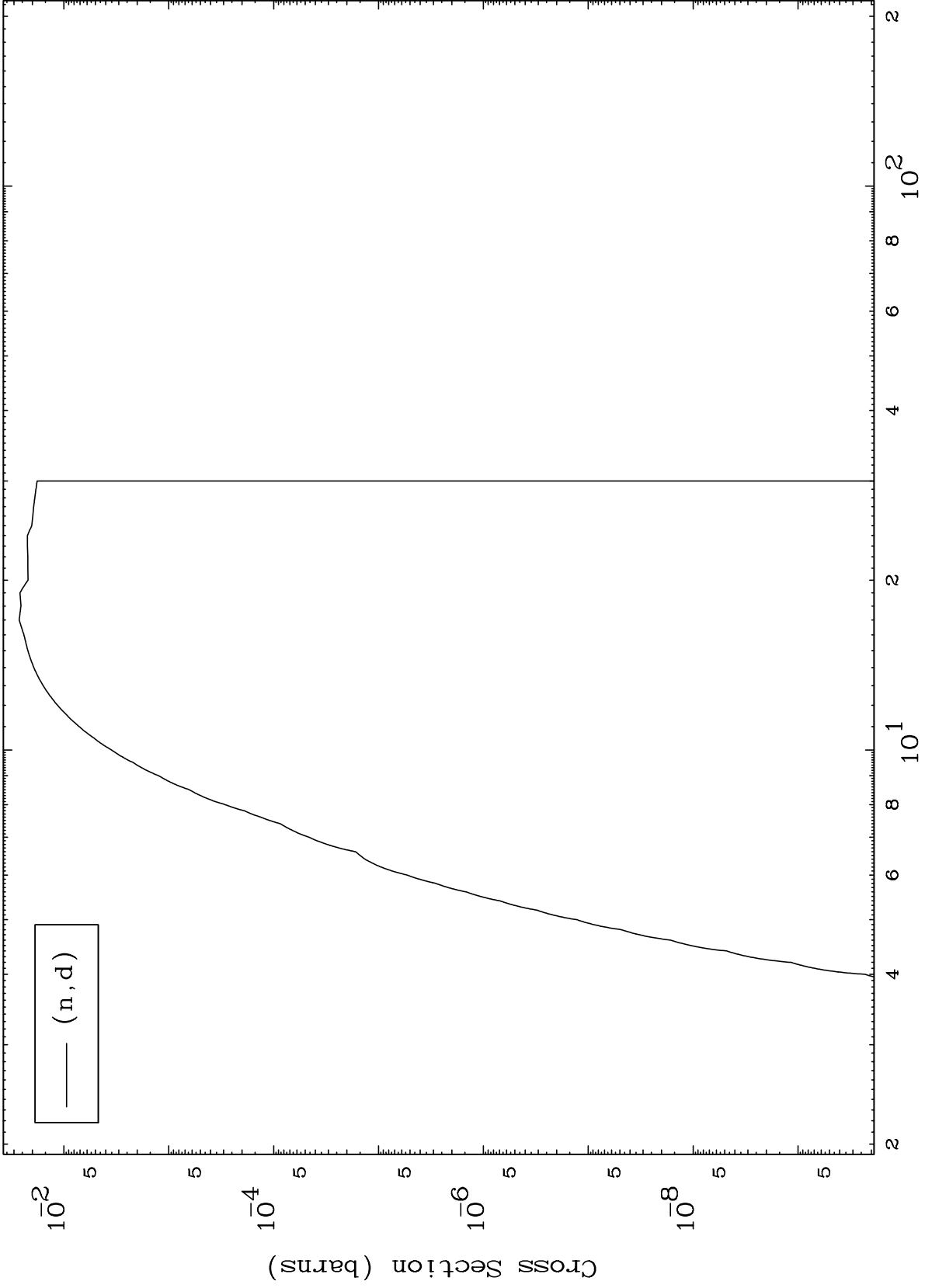
40-Zr-80



MAT 3995

(n,d) Levels
293 Kelvin Cross Sections

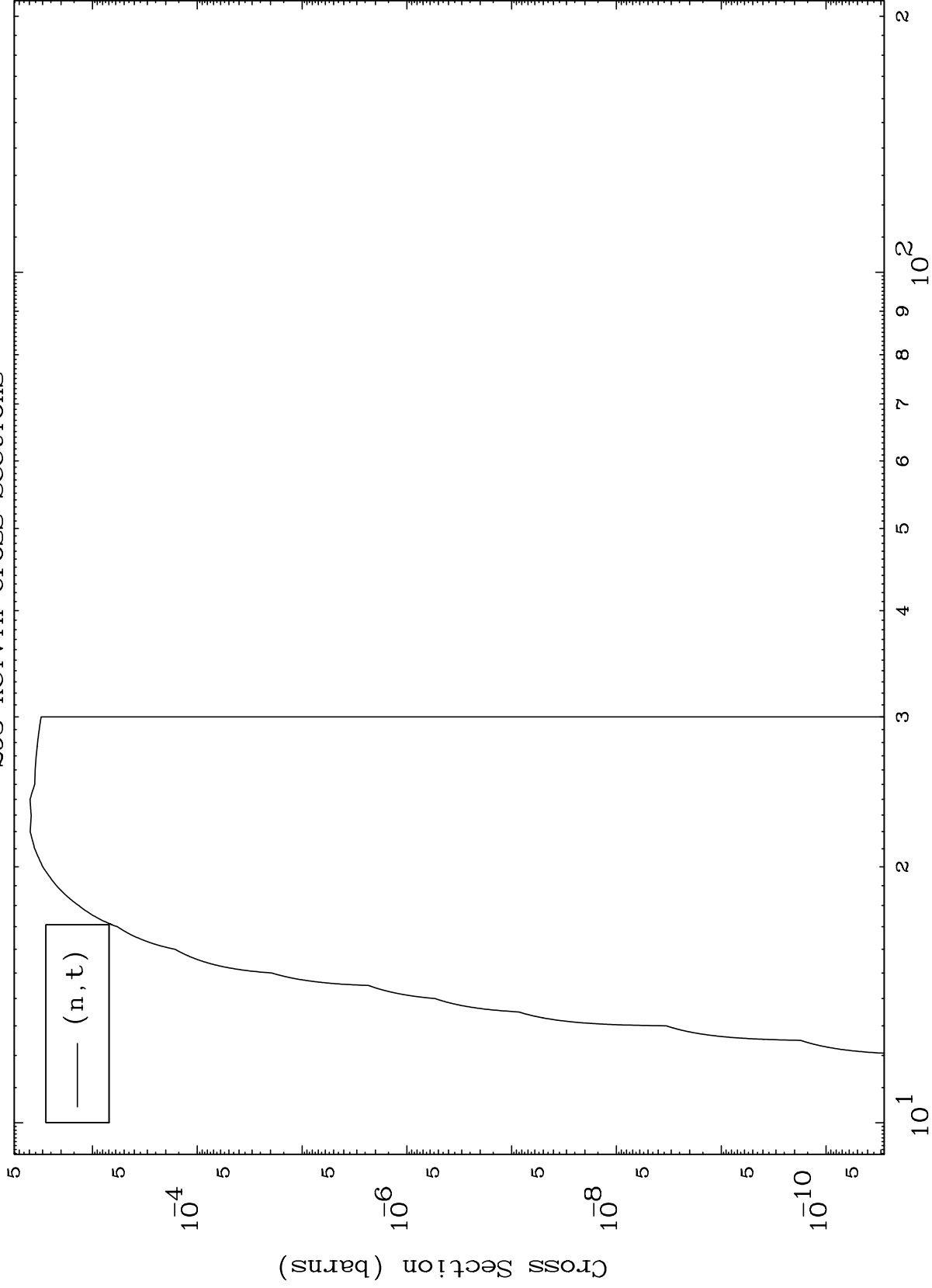
40-Zr-80



MAT 3995

(n,t) Levels
293 Kelvin Cross Sections

40-Zr-80



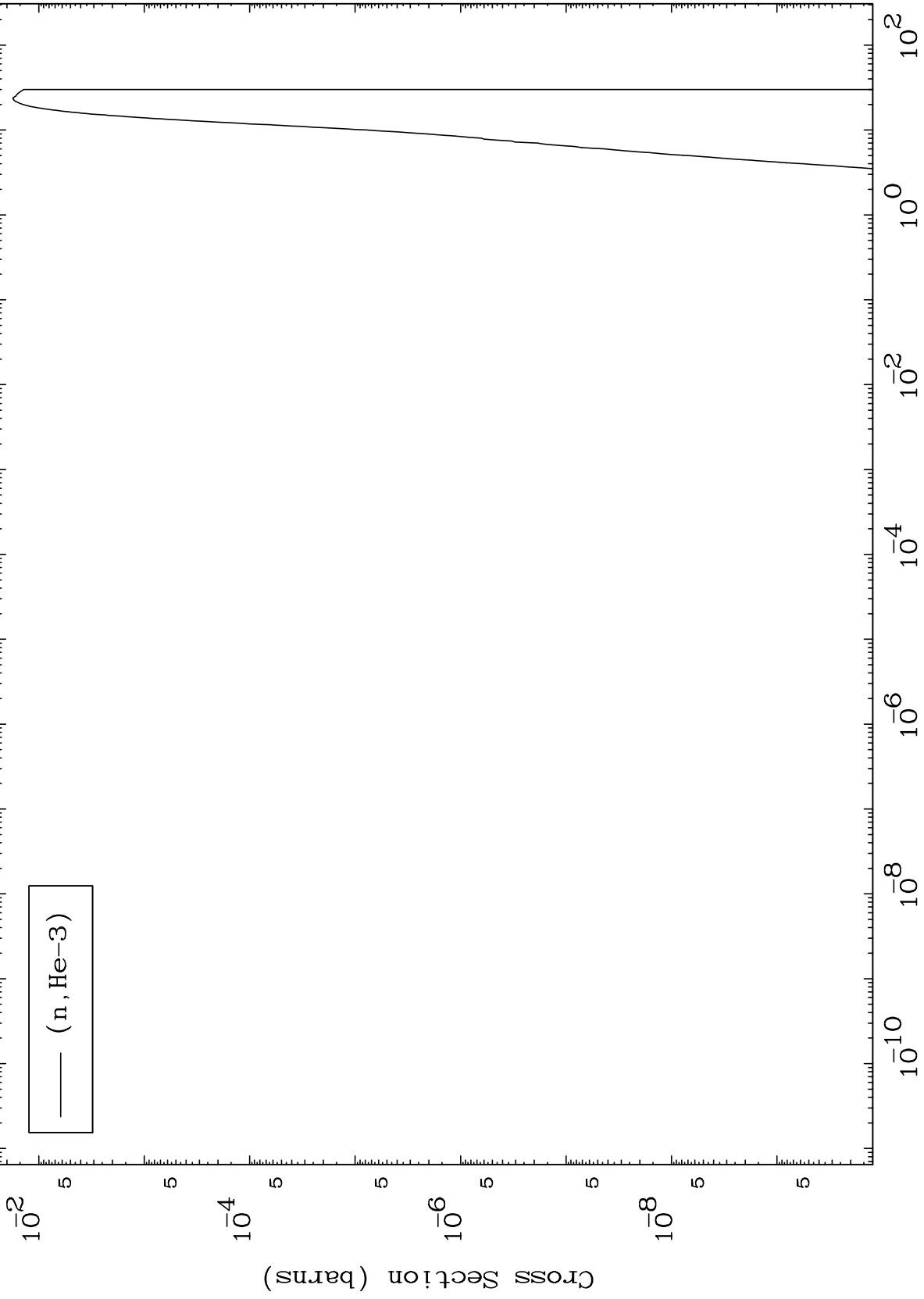
Incident Energy (MeV)

40-Zr-80

MAT 3995

(n,He3) Levels
293 Kelvin Cross Sections

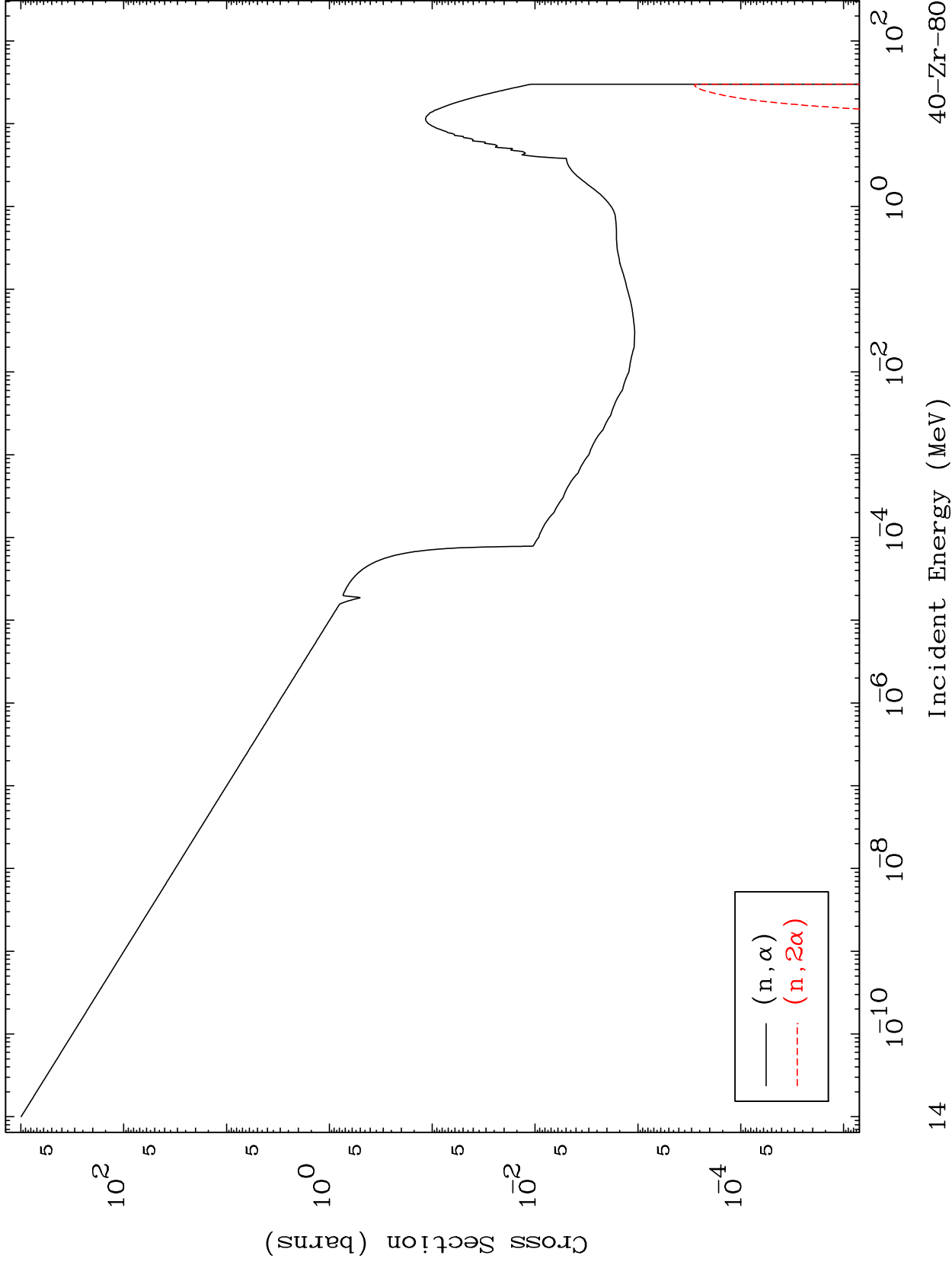
40-Zr-80

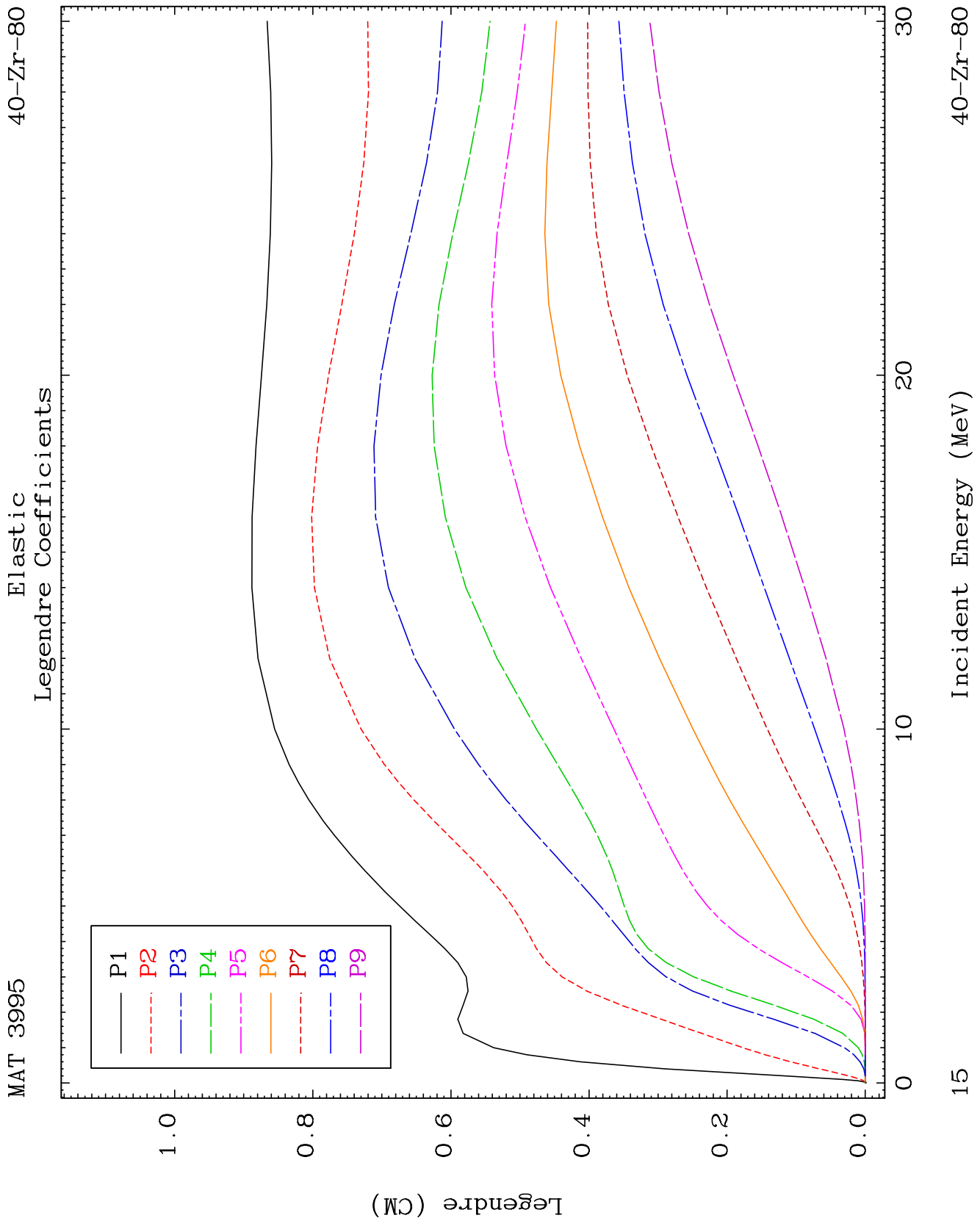


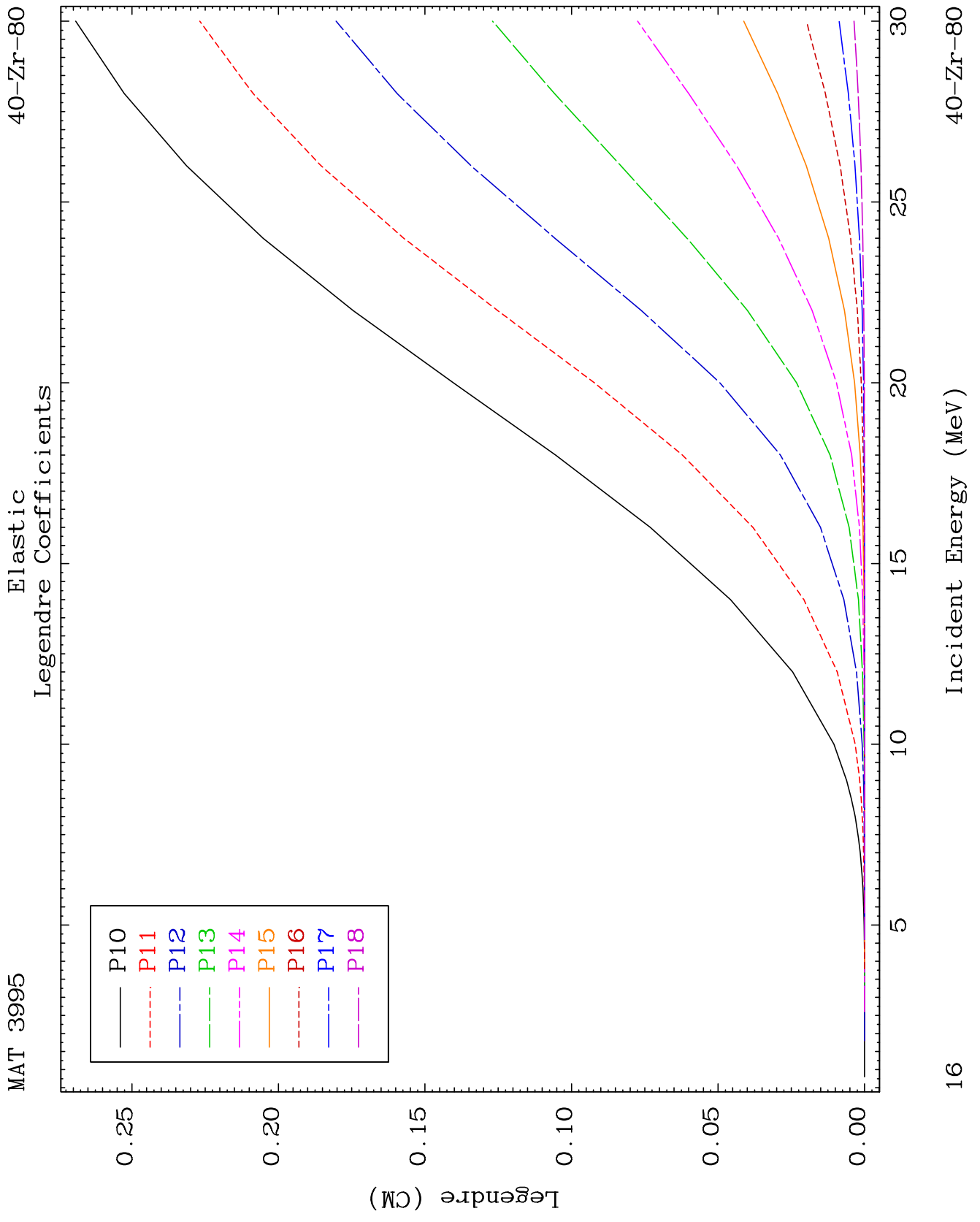
MAT 3995

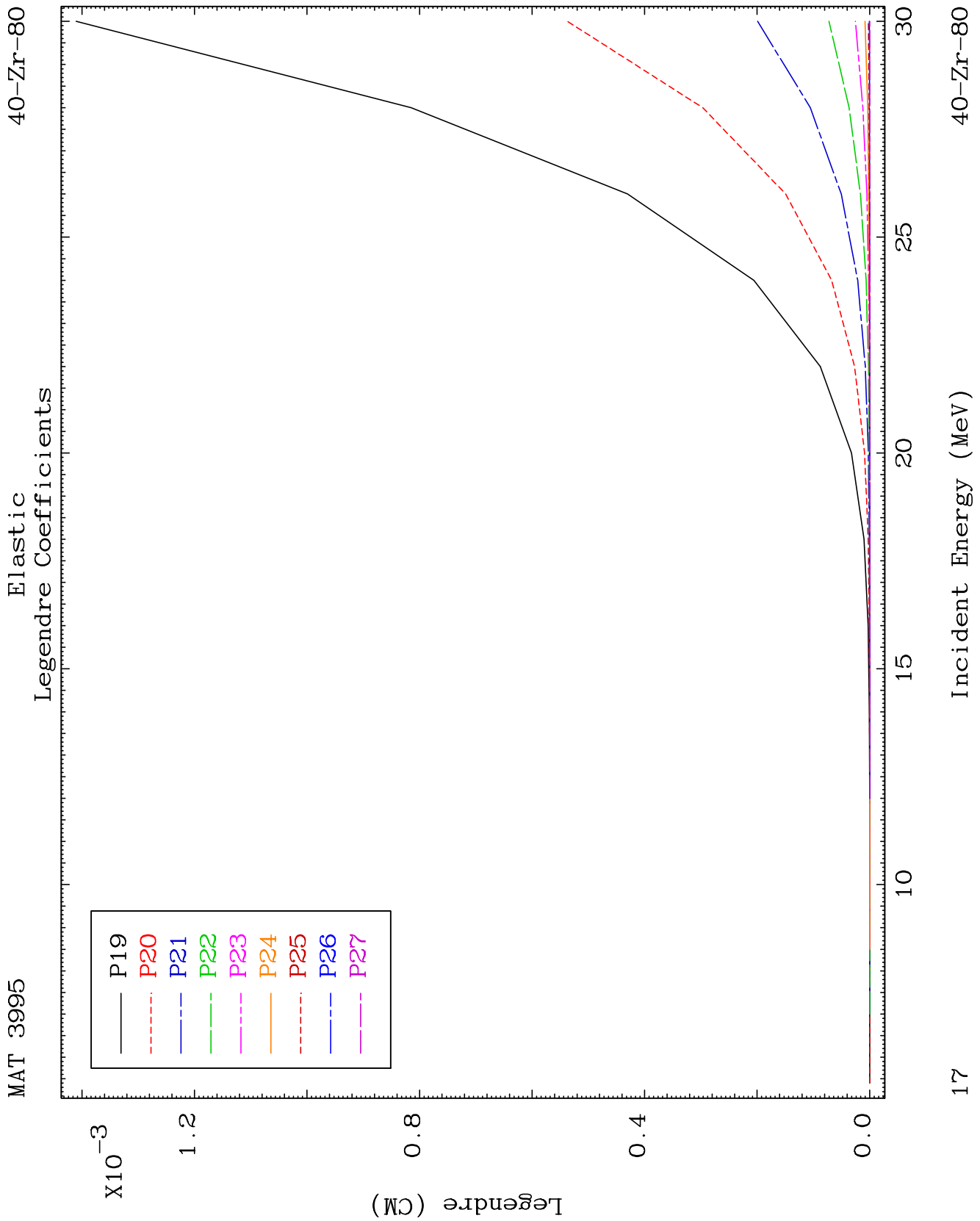
(n,α) Levels
293 Kelvin Cross Sections

40-Zr-80









MAT 3995

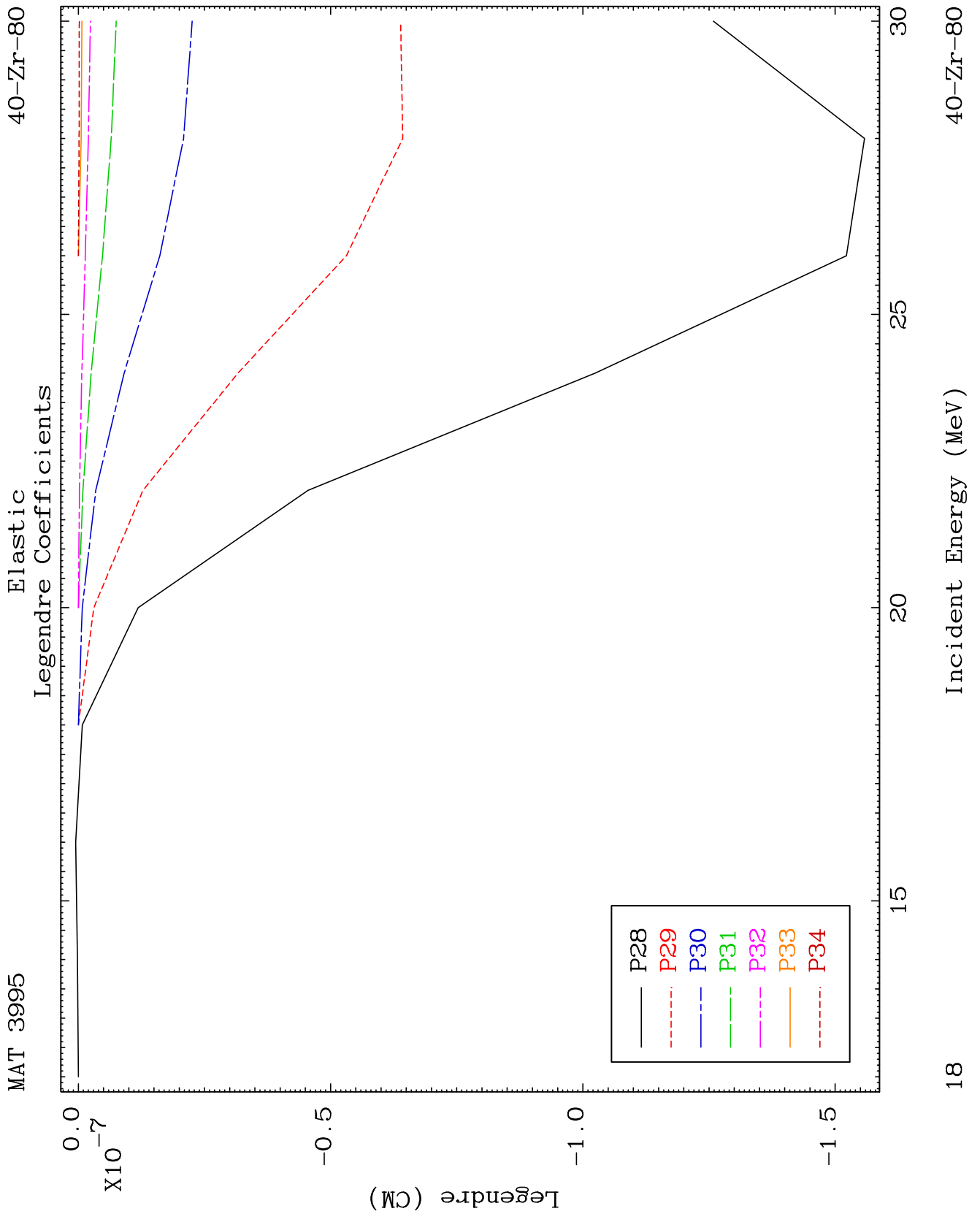
Elastic Legendre Coefficients

40-Zr-80

17

Incident Energy (MeV)

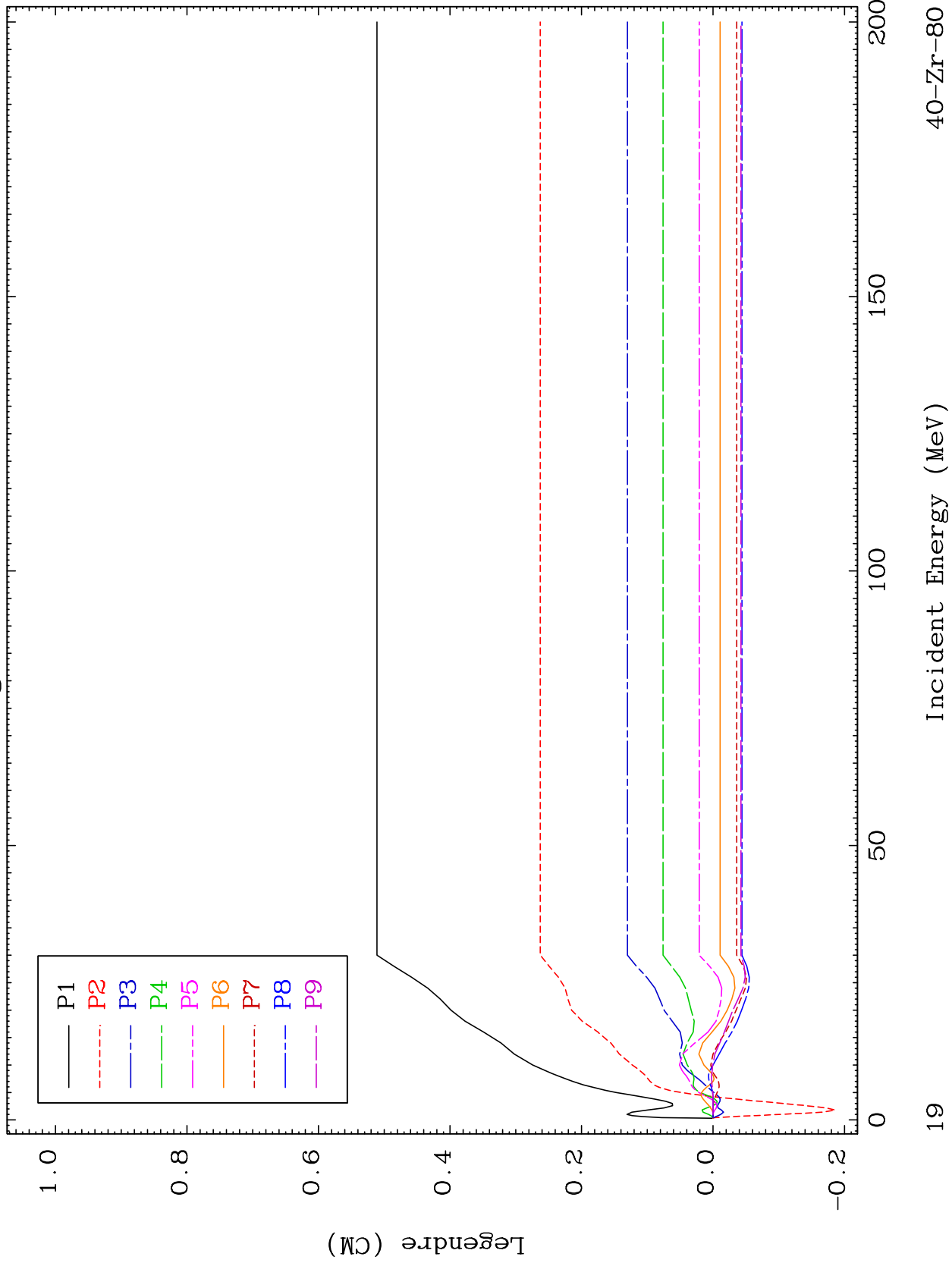
40-Zr-80



MAT 3995

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

40-Zr-80



19

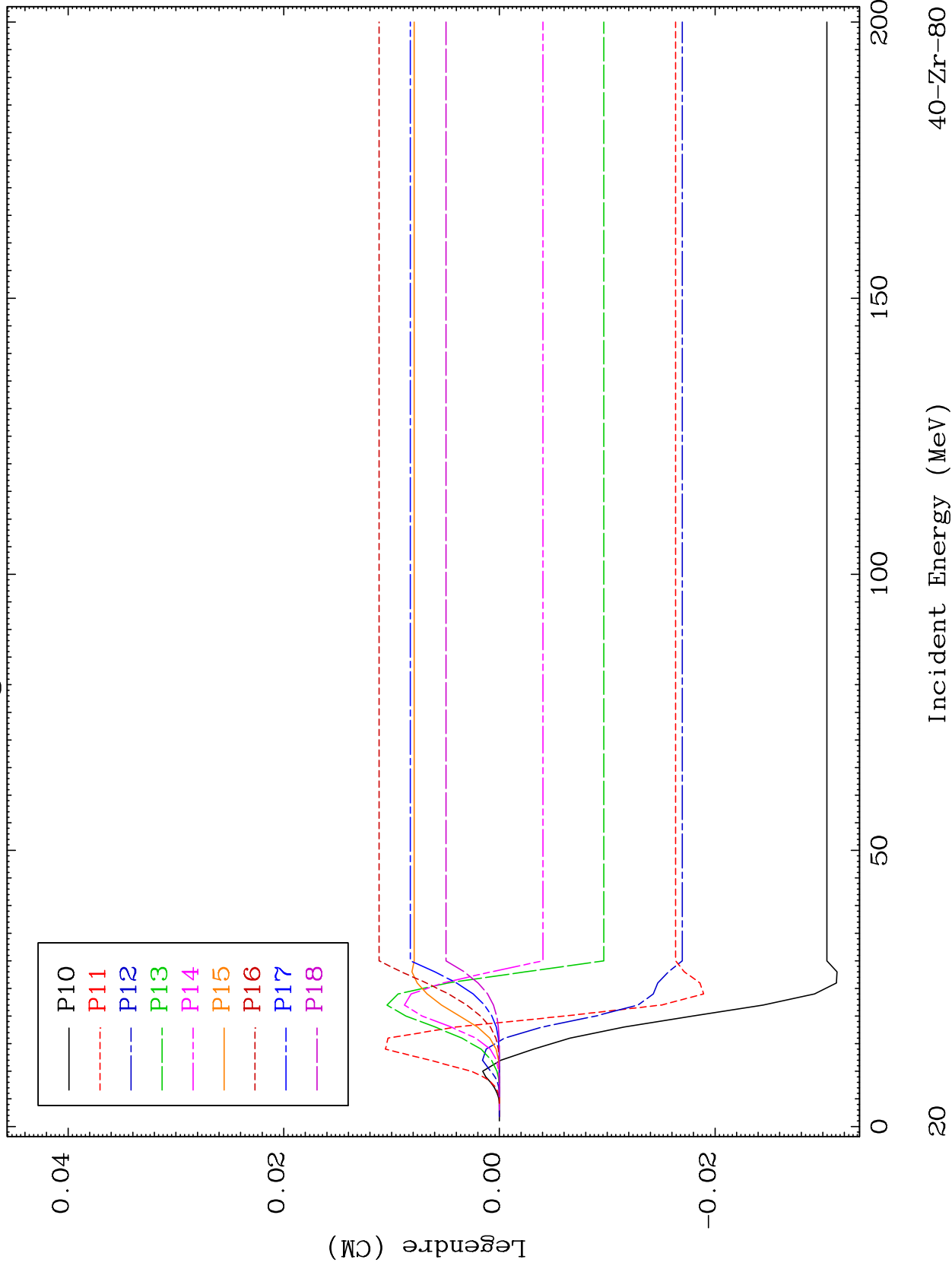
Incident Energy (MeV)

40-Zr-80

MAT 3995

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

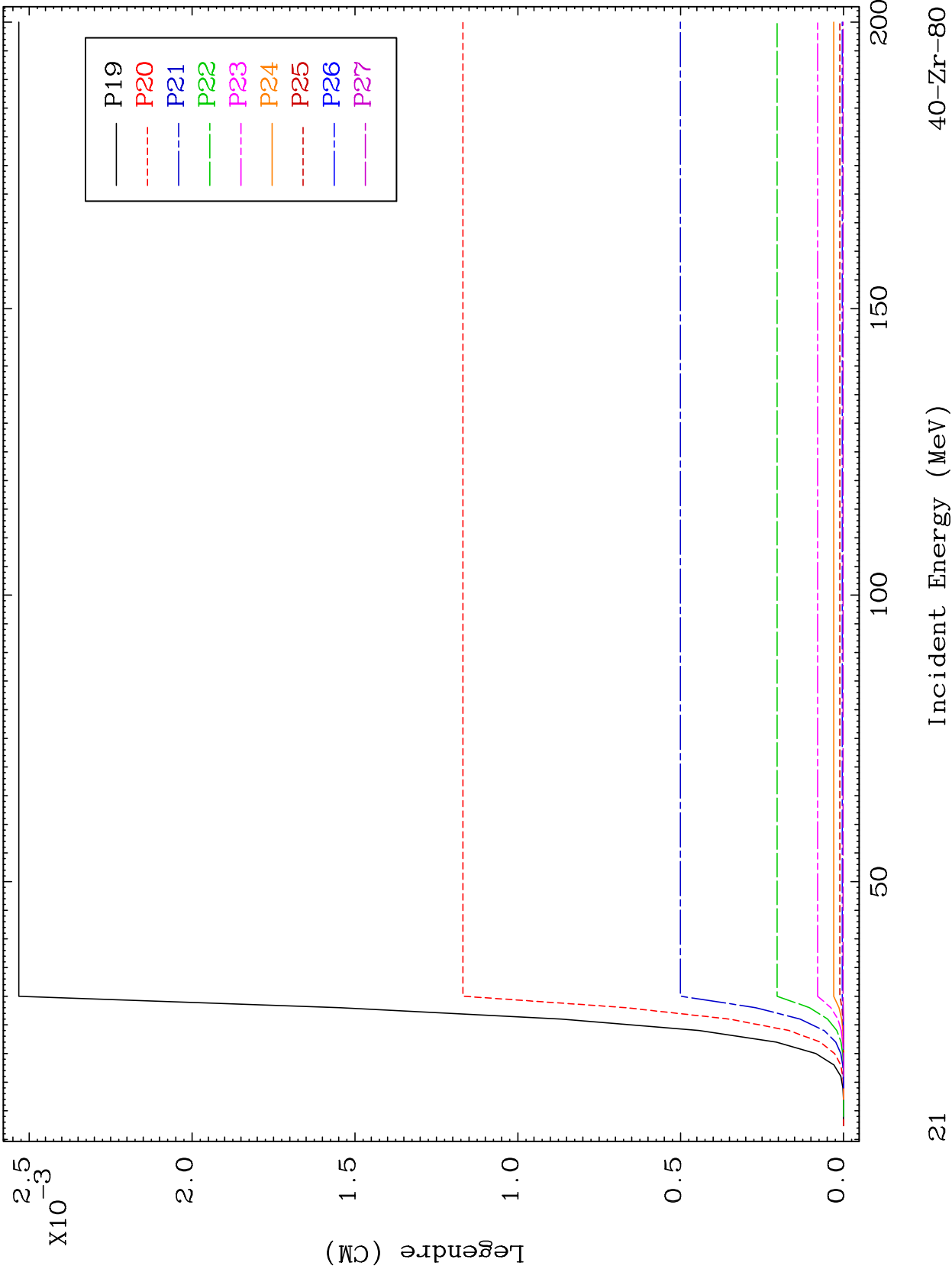
40-Zr-80



MAT 3995

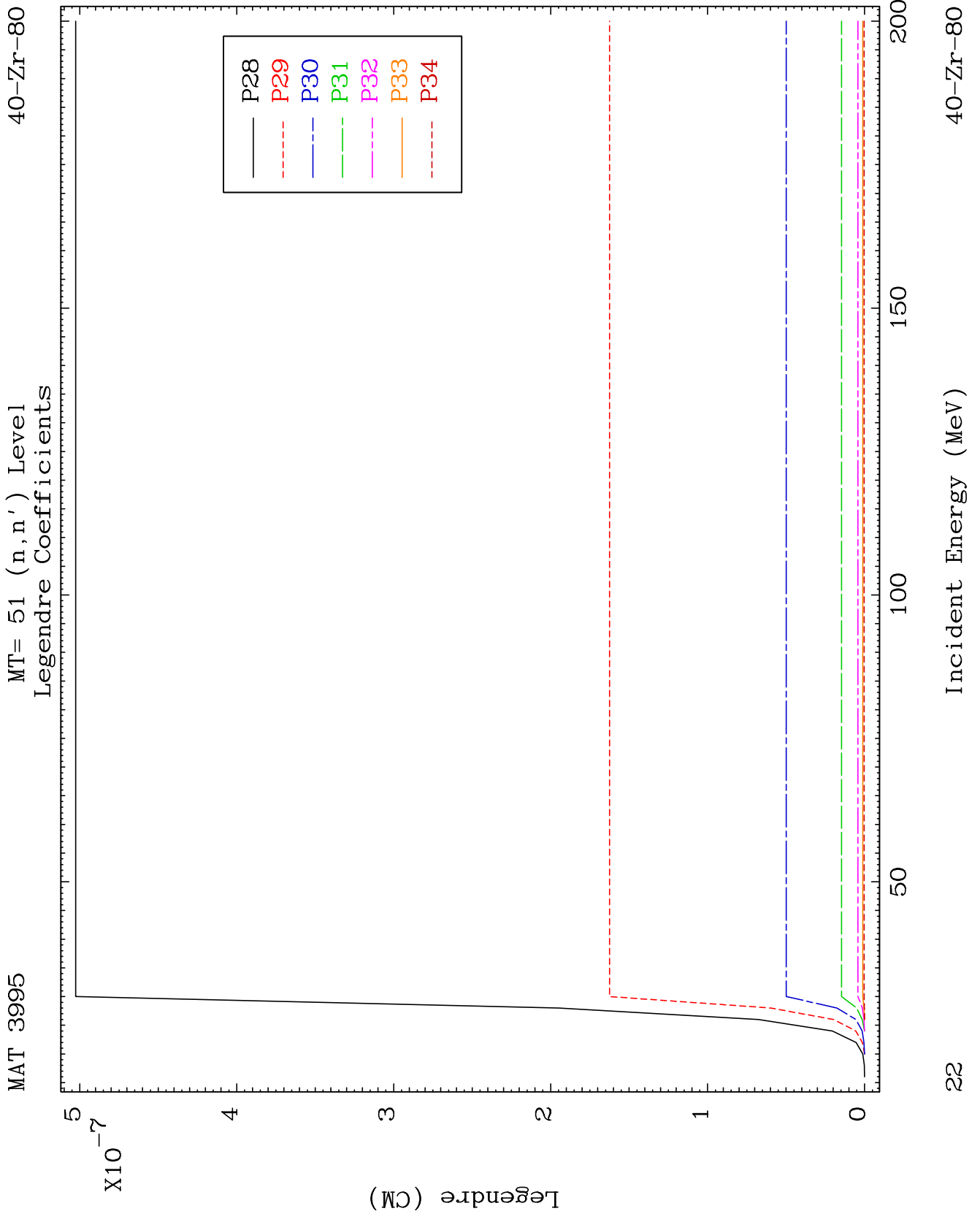
MT= 51 (n,n') Level
Legendre Coefficients

40-Zr-80



21

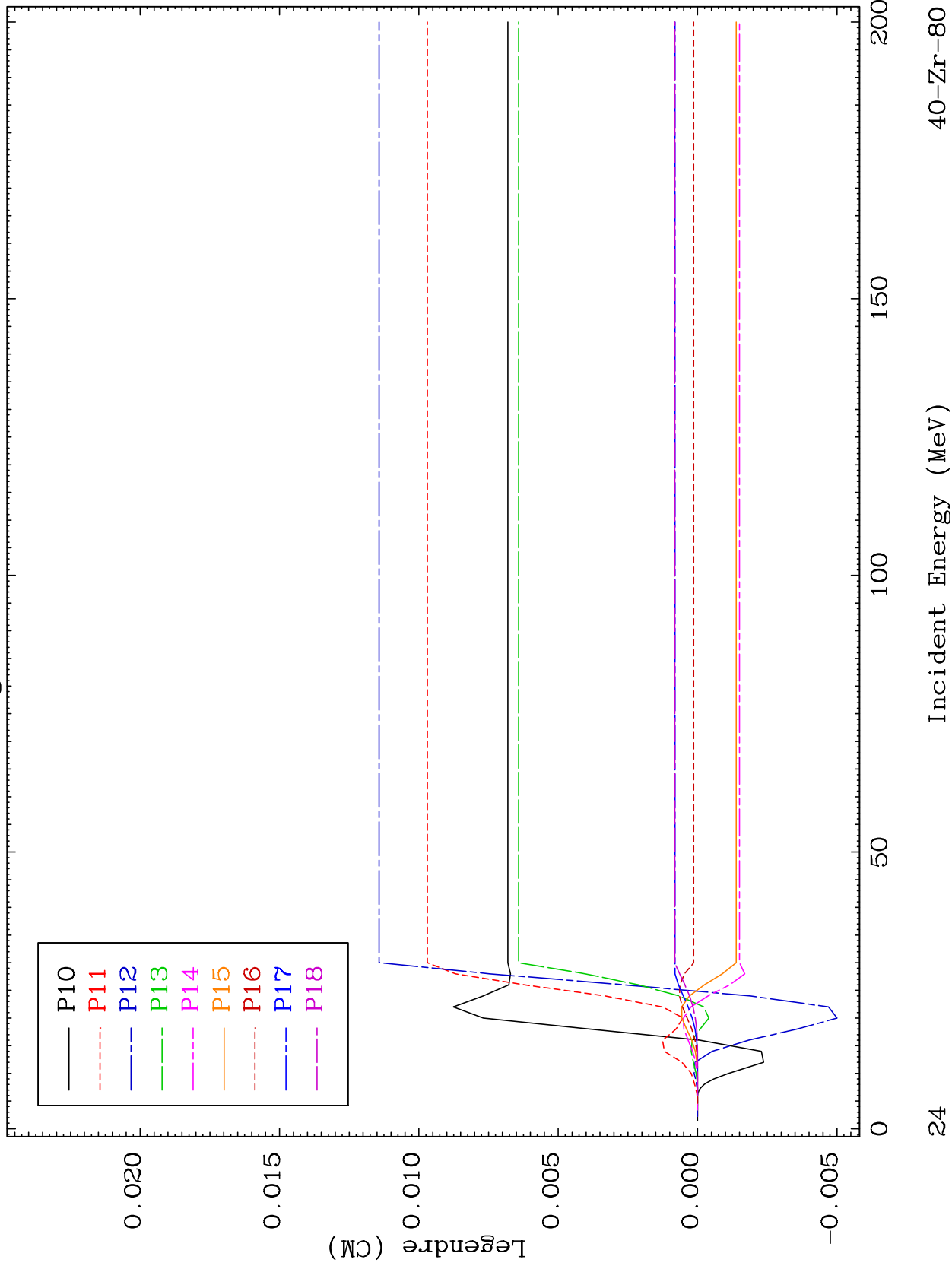
40-Zr-80



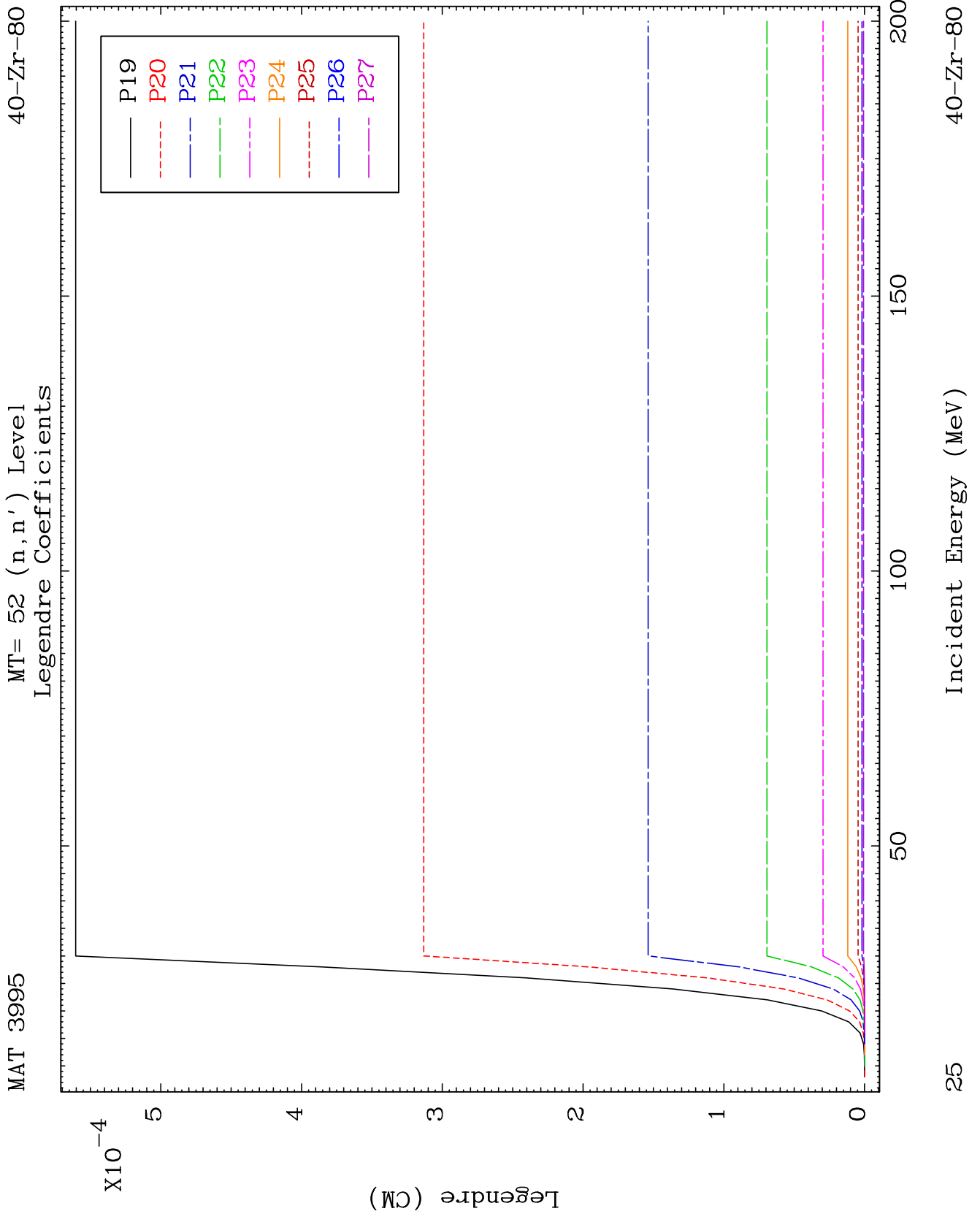
MAT 3995

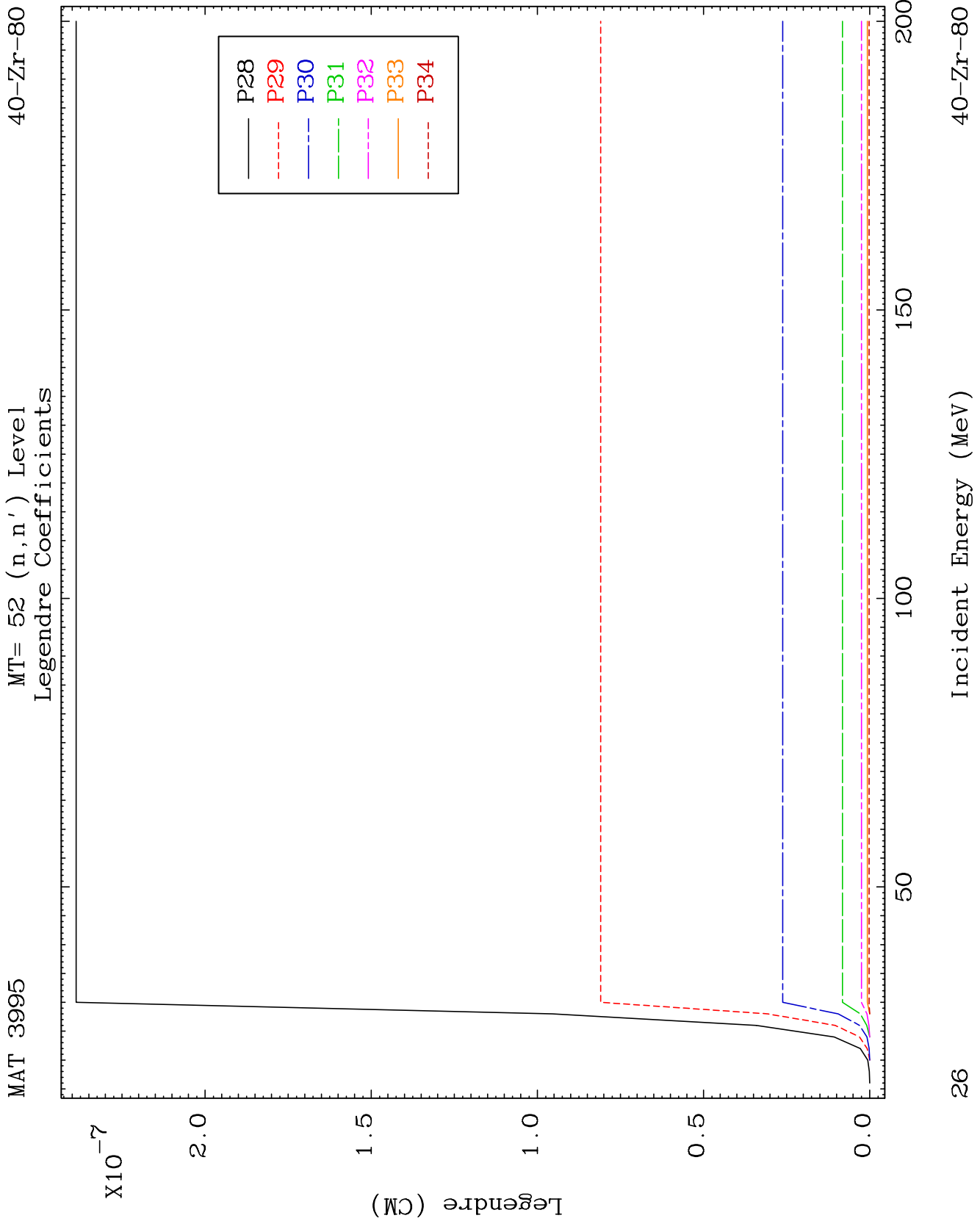
MT= 52 (n,n') Level
Legendre Coefficients

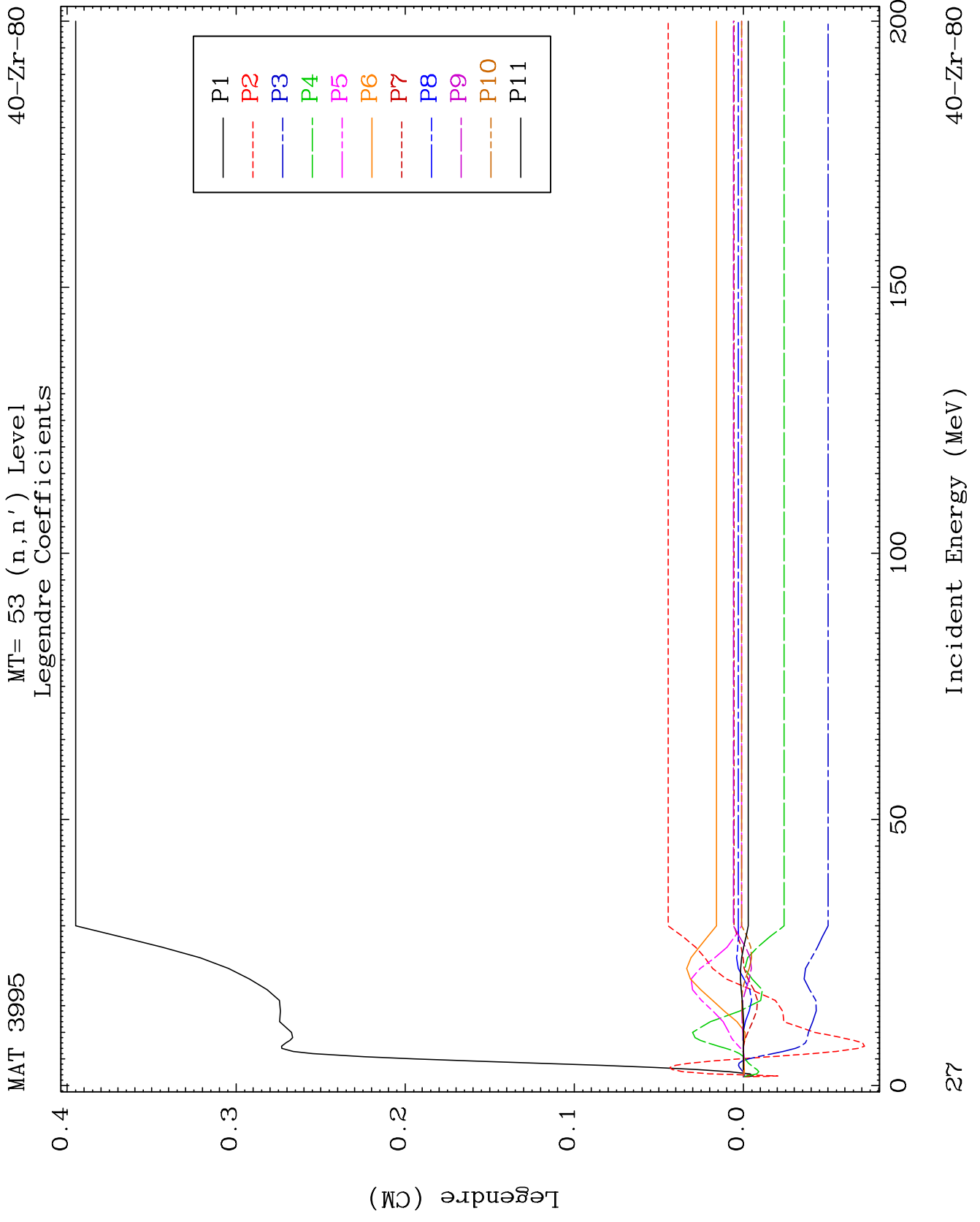
40-Zr-80



24



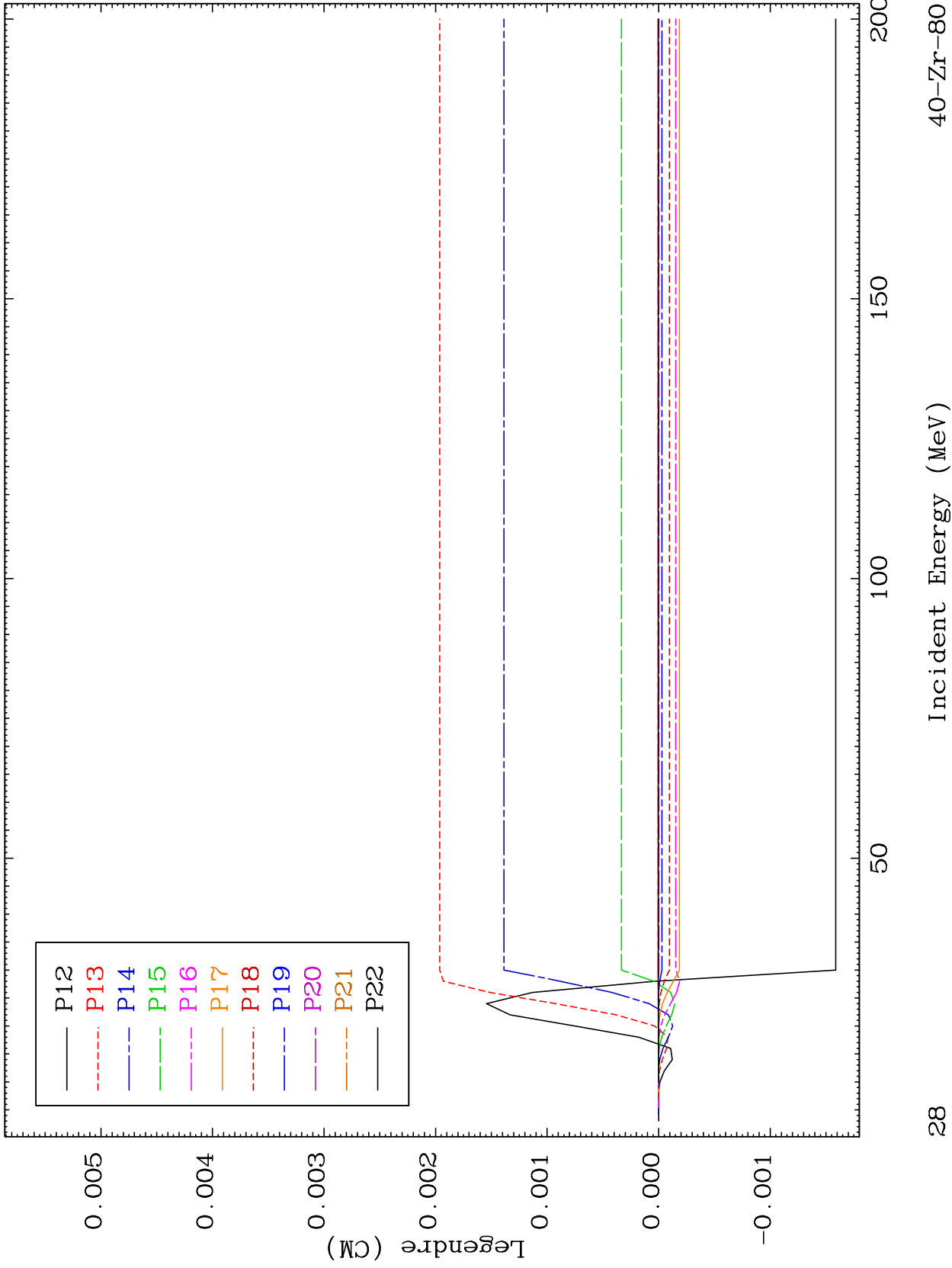




MAT 3995

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

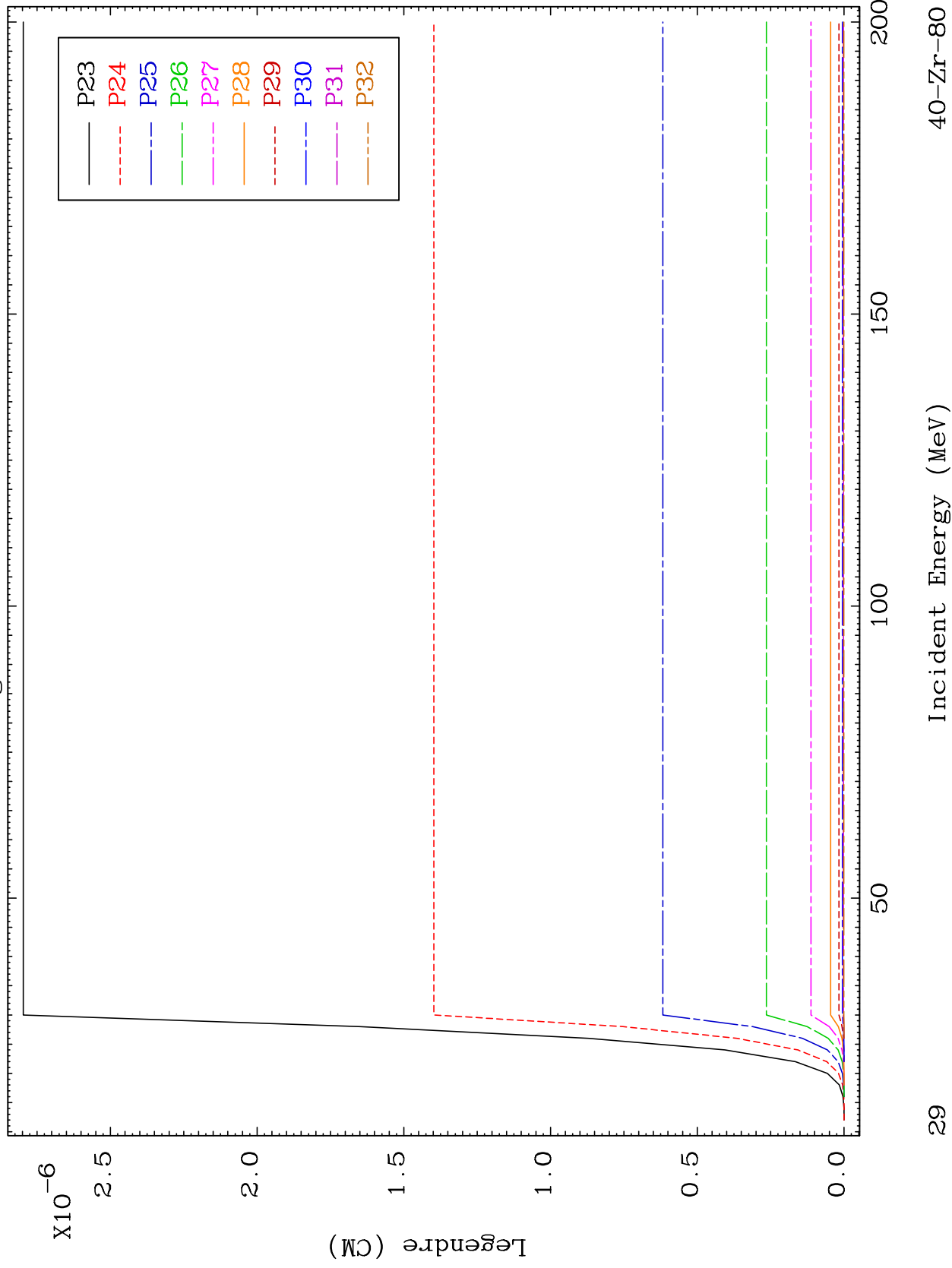
40-Zr-80



MAT 3995

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

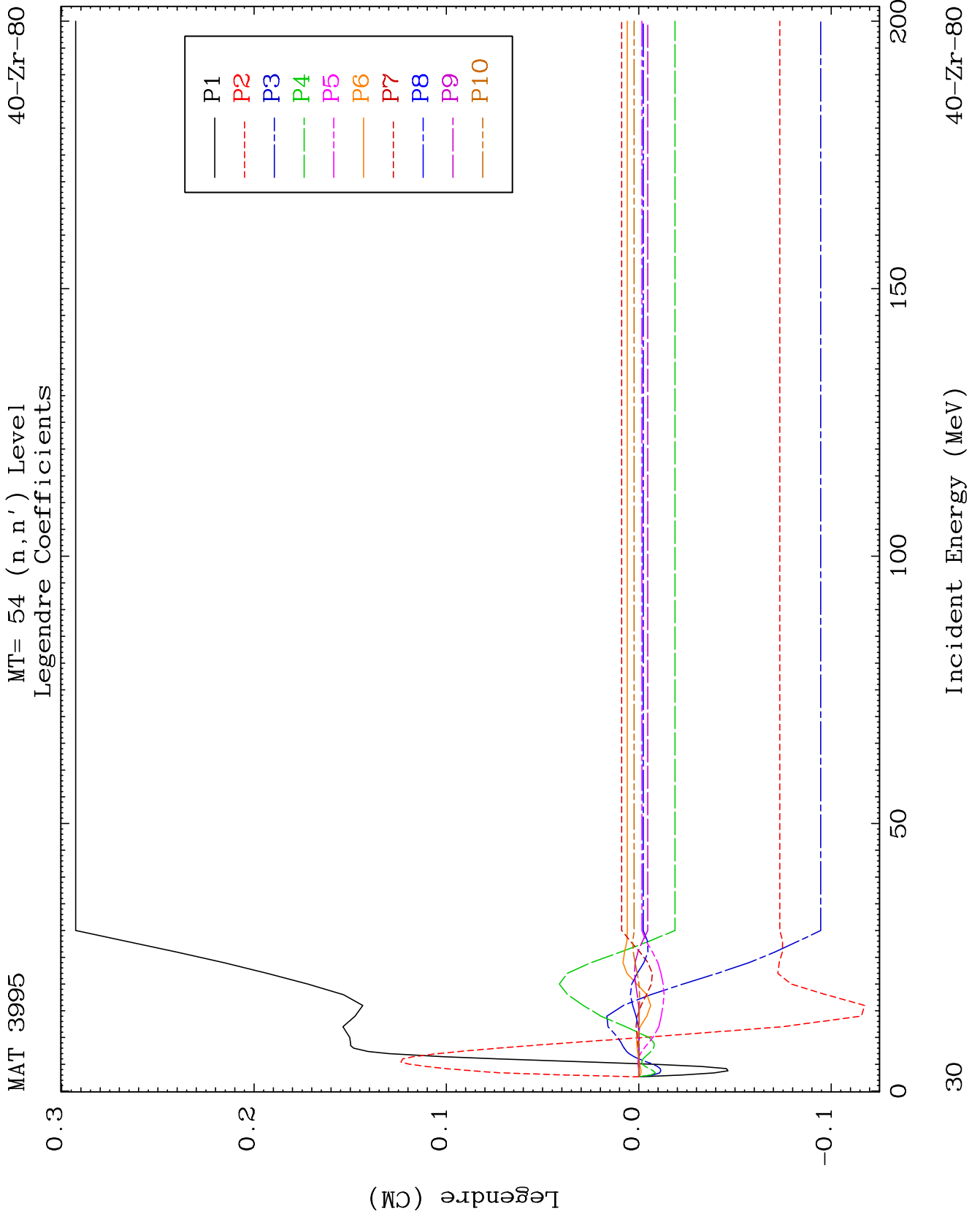
40-Zr-80



29

Incident Energy (MeV)

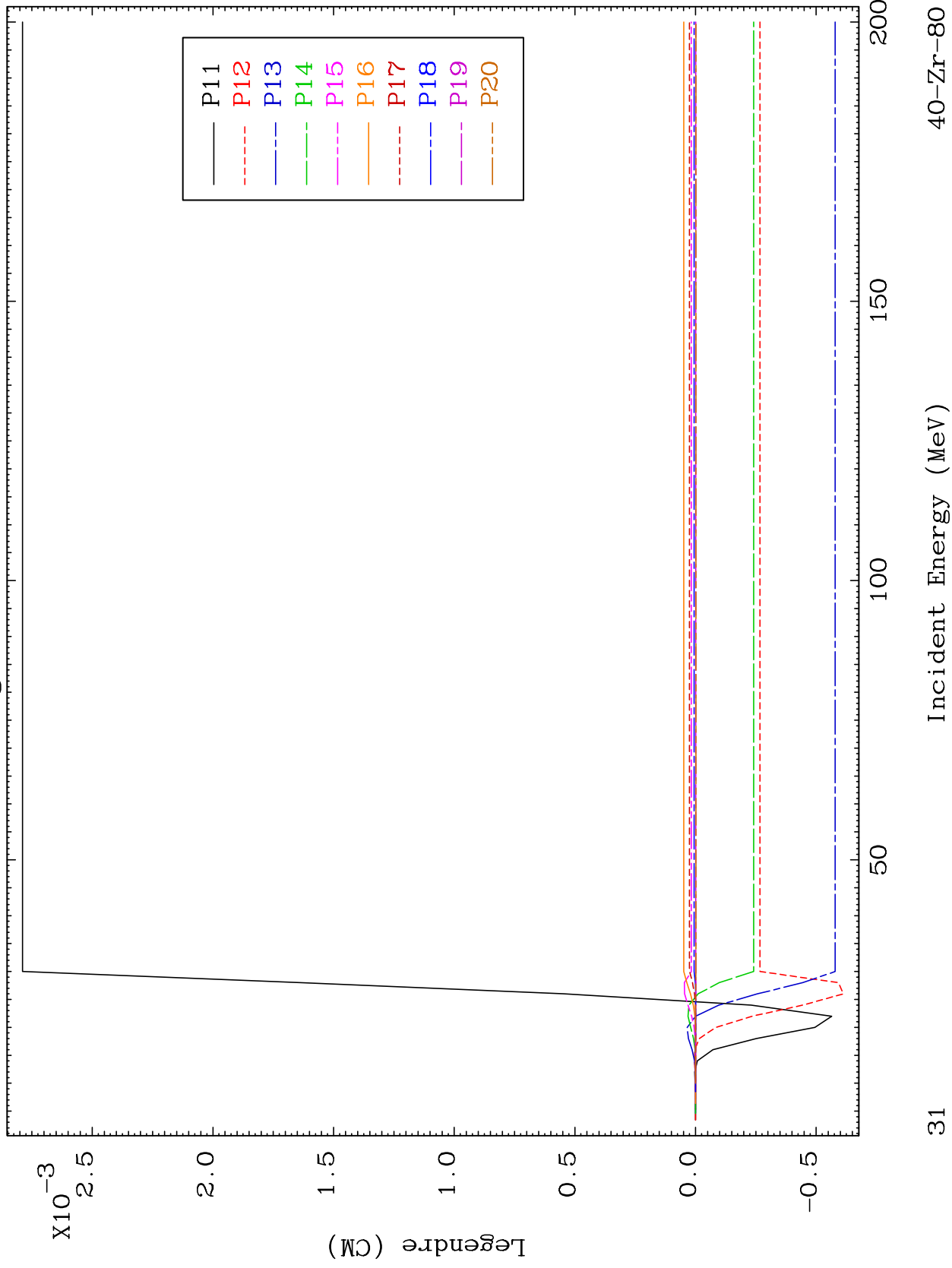
40-Zr-80

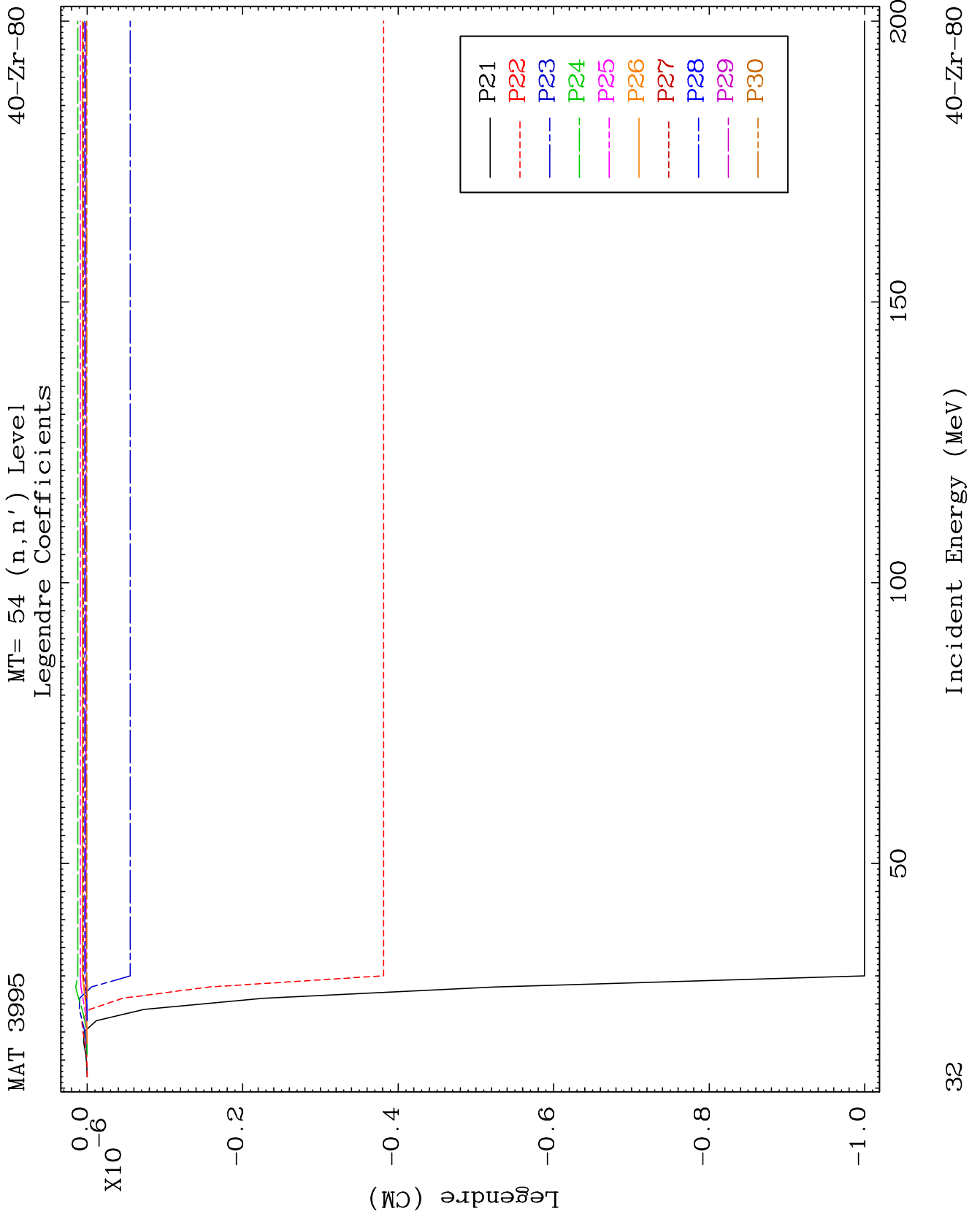


MAT 3995

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

40-Zr-80

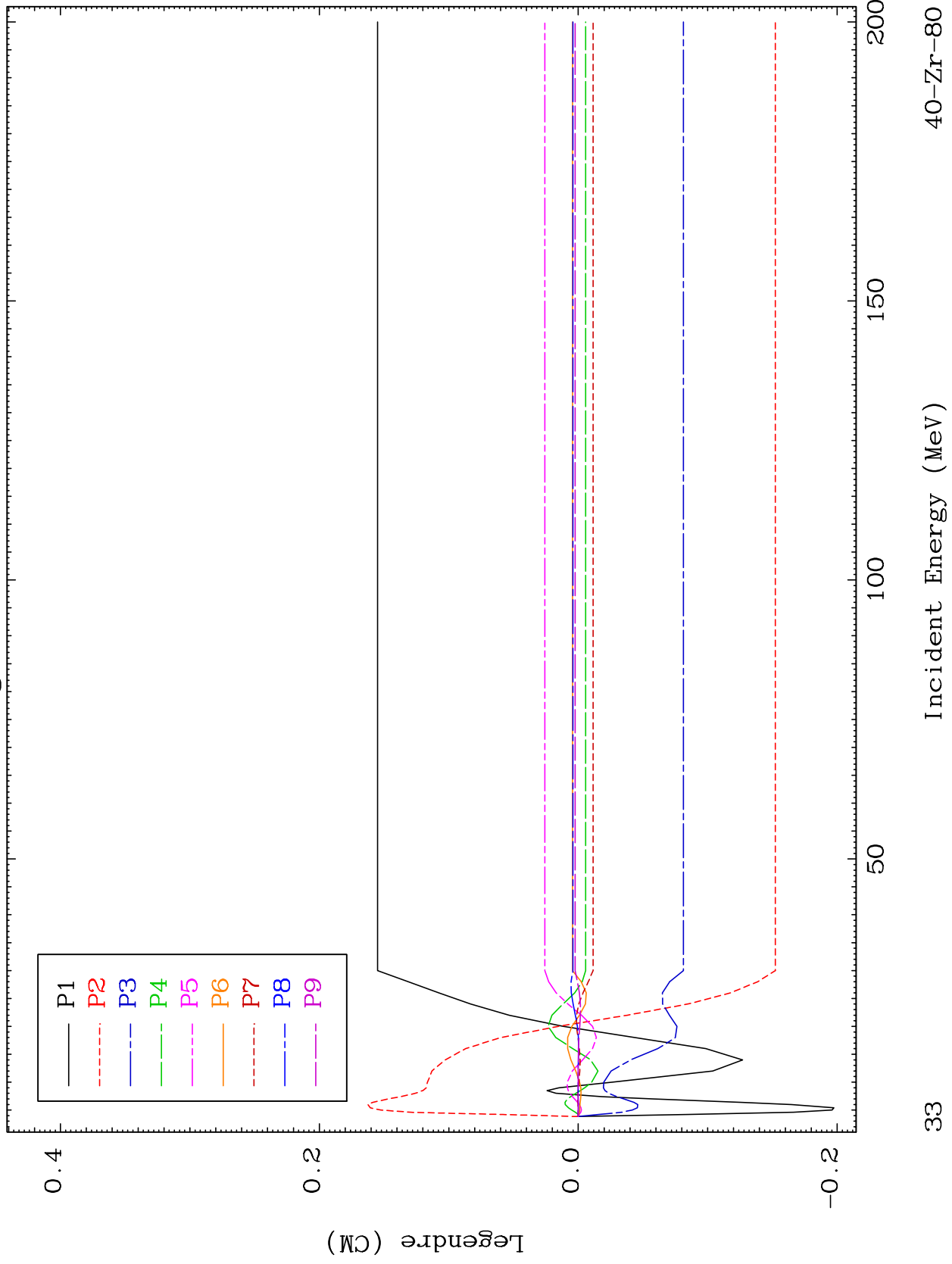


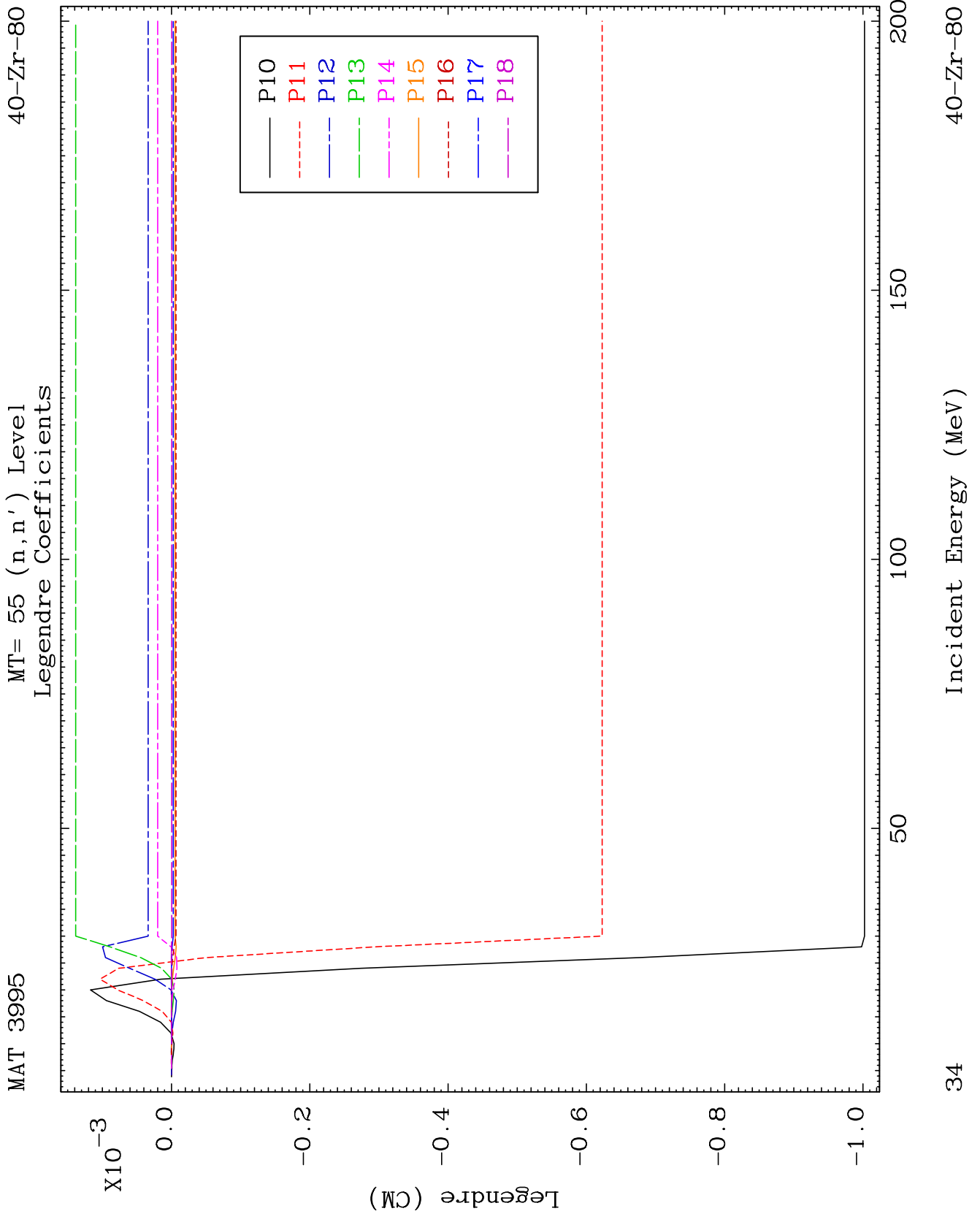


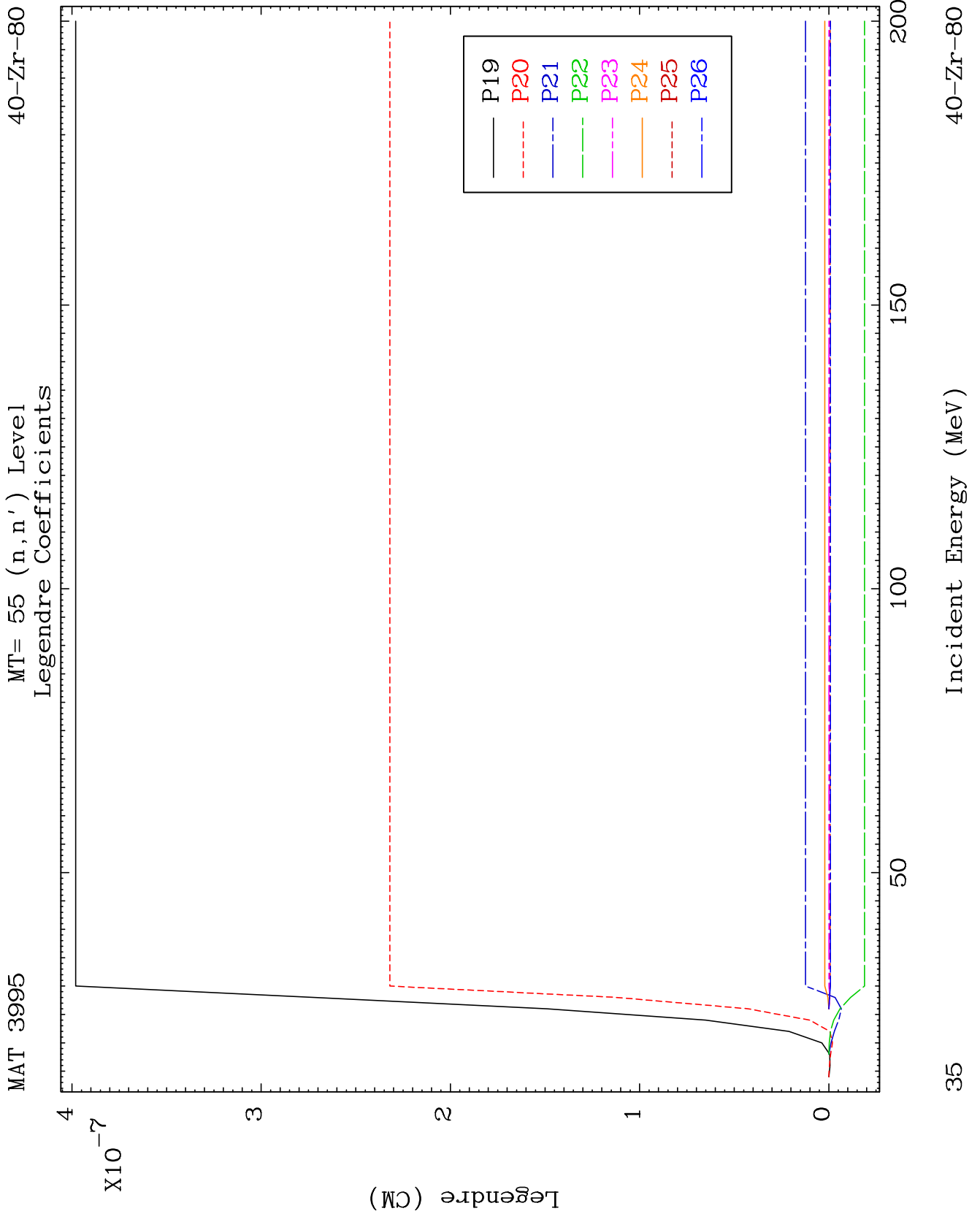
MAT 3995

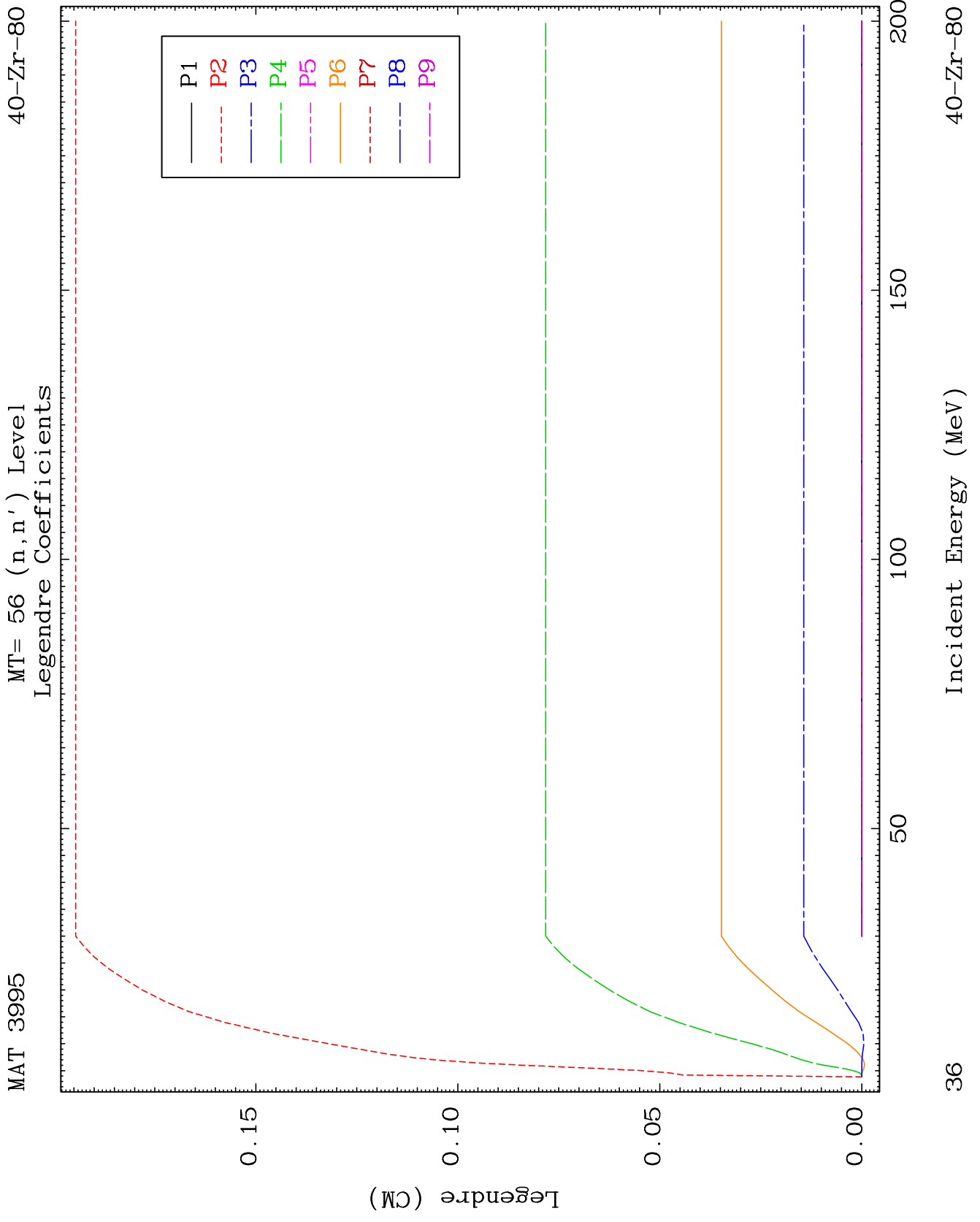
MT= 55 (n,n') Level
Legendre Coefficients

40-Zr-80





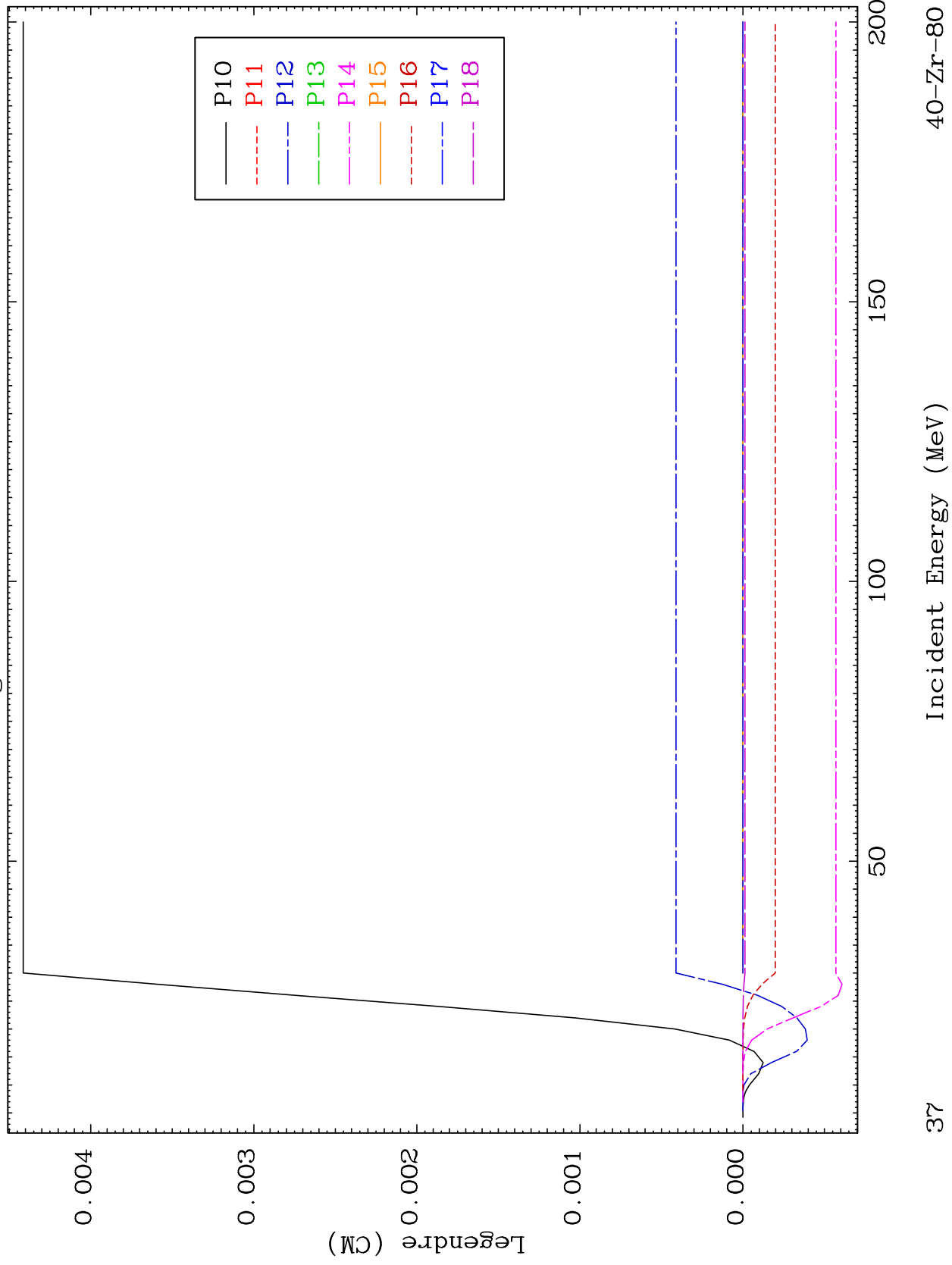


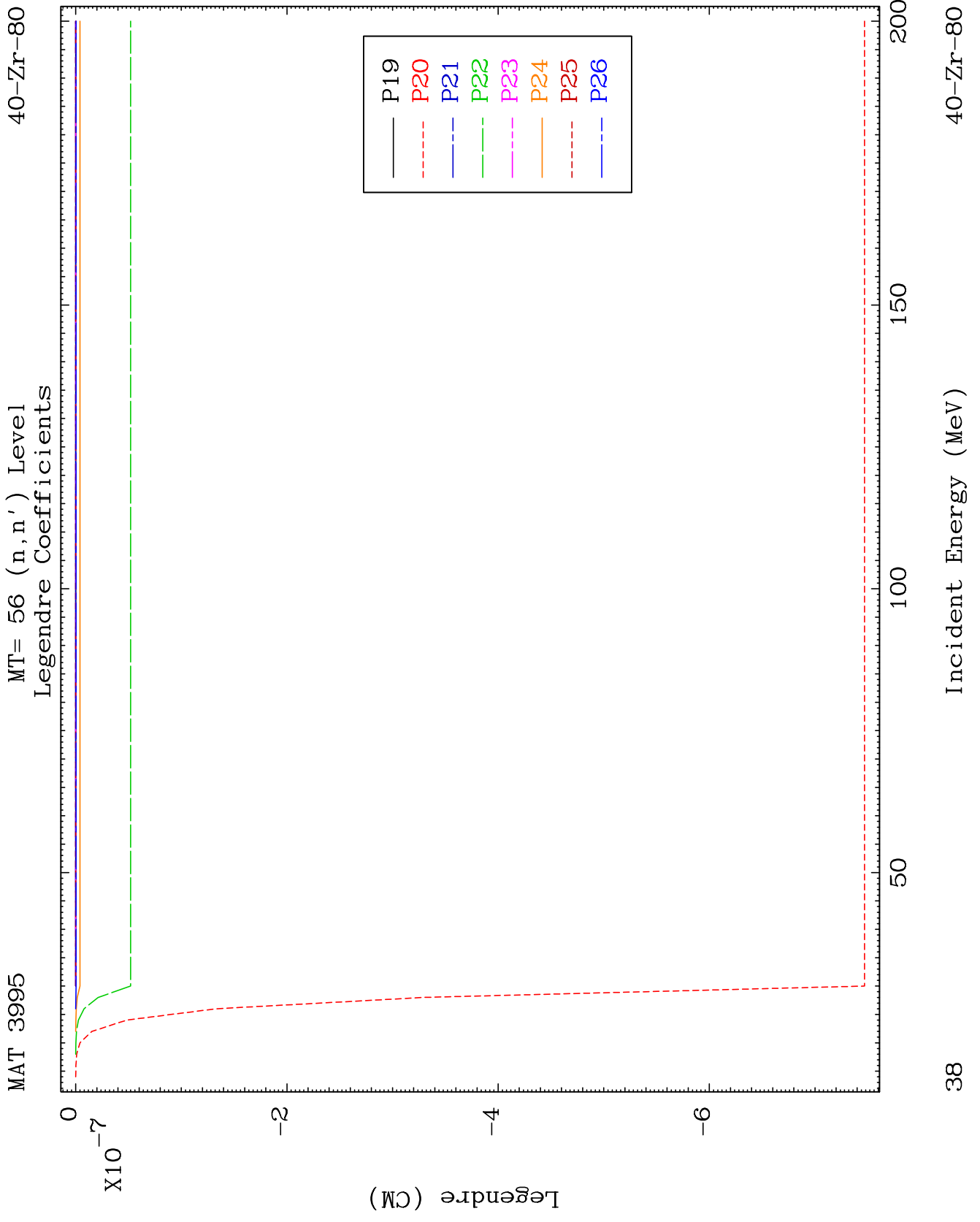


MAT 3995

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

40-Zr-80

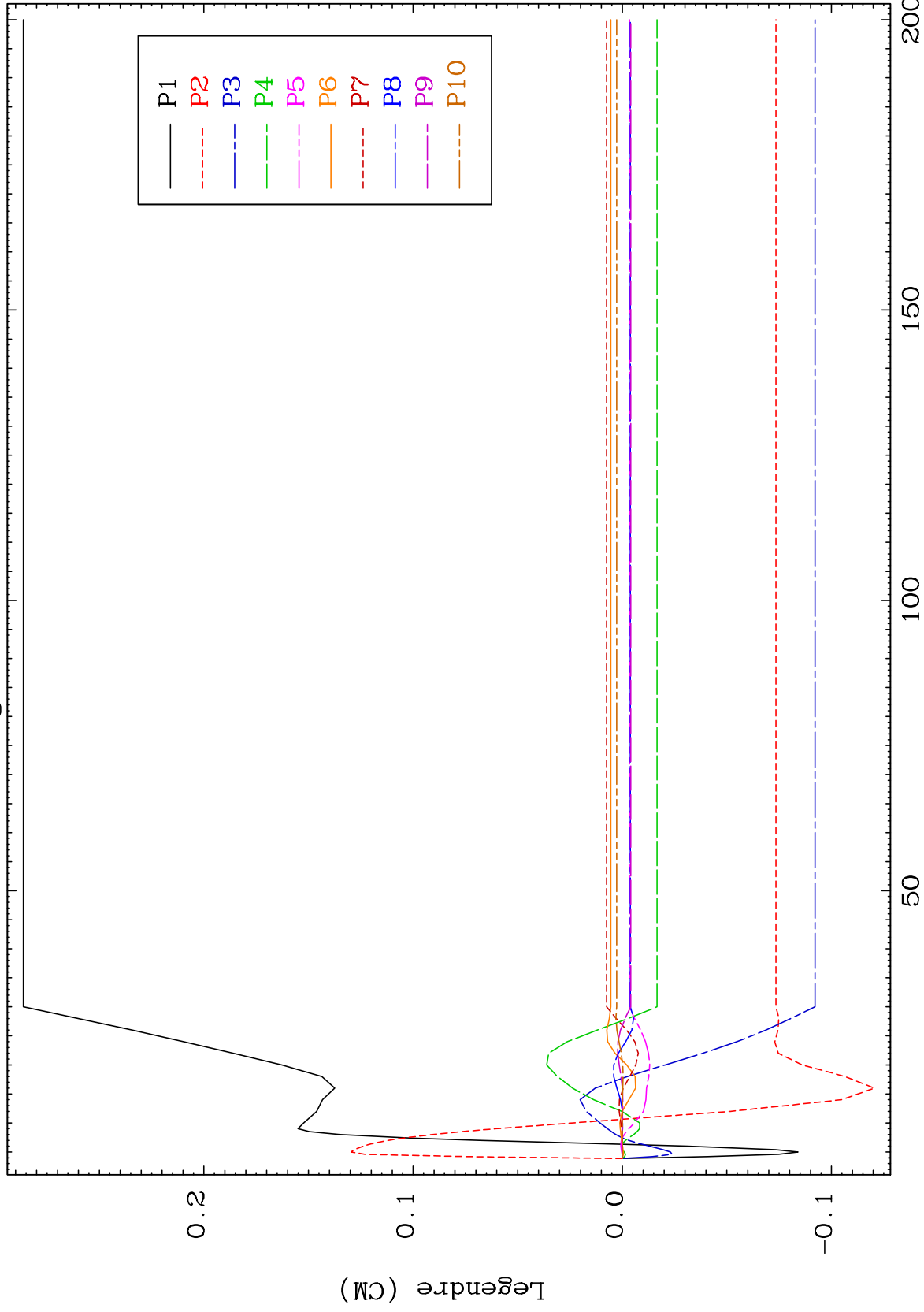




MAT 3995

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

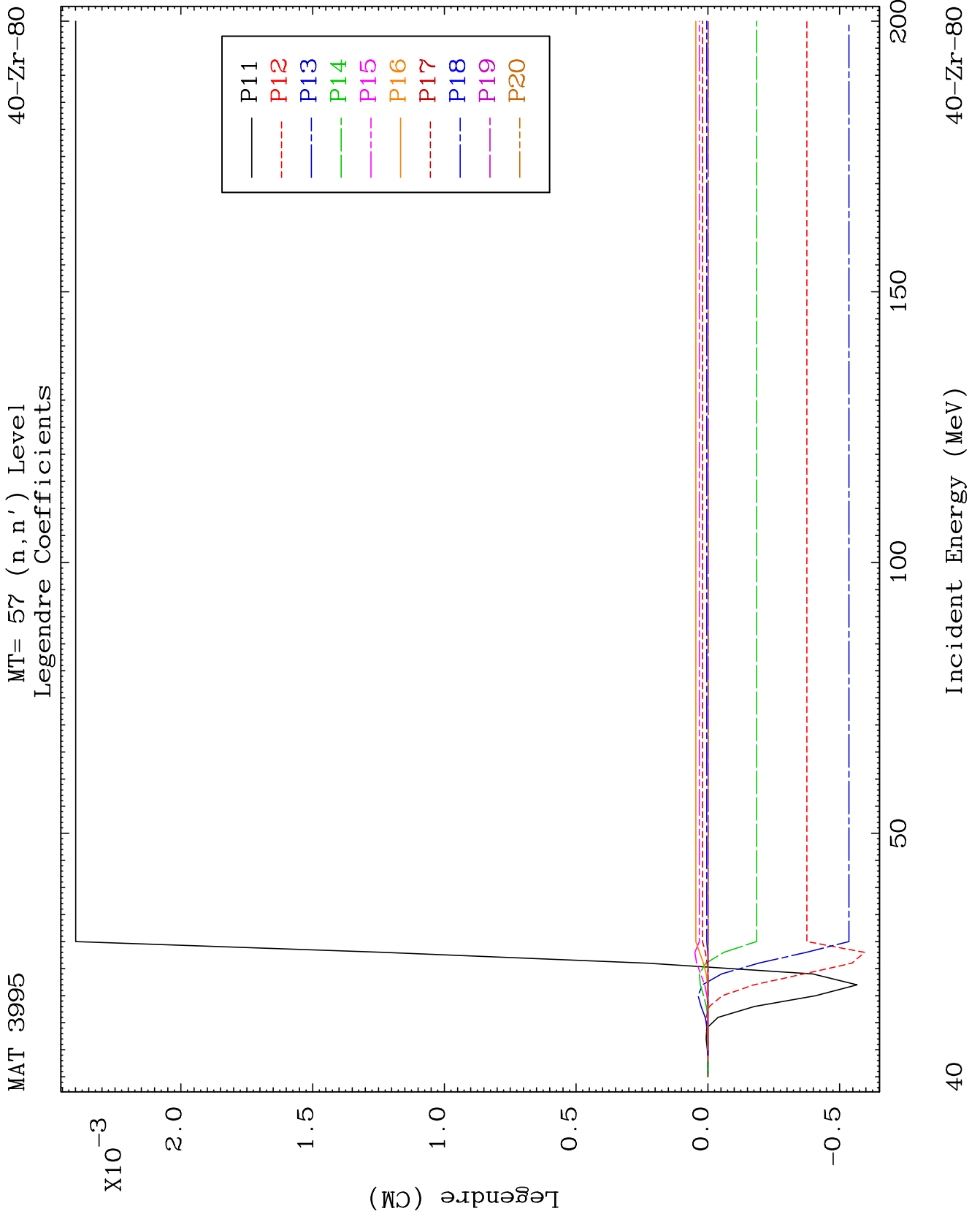
40-Zr-80

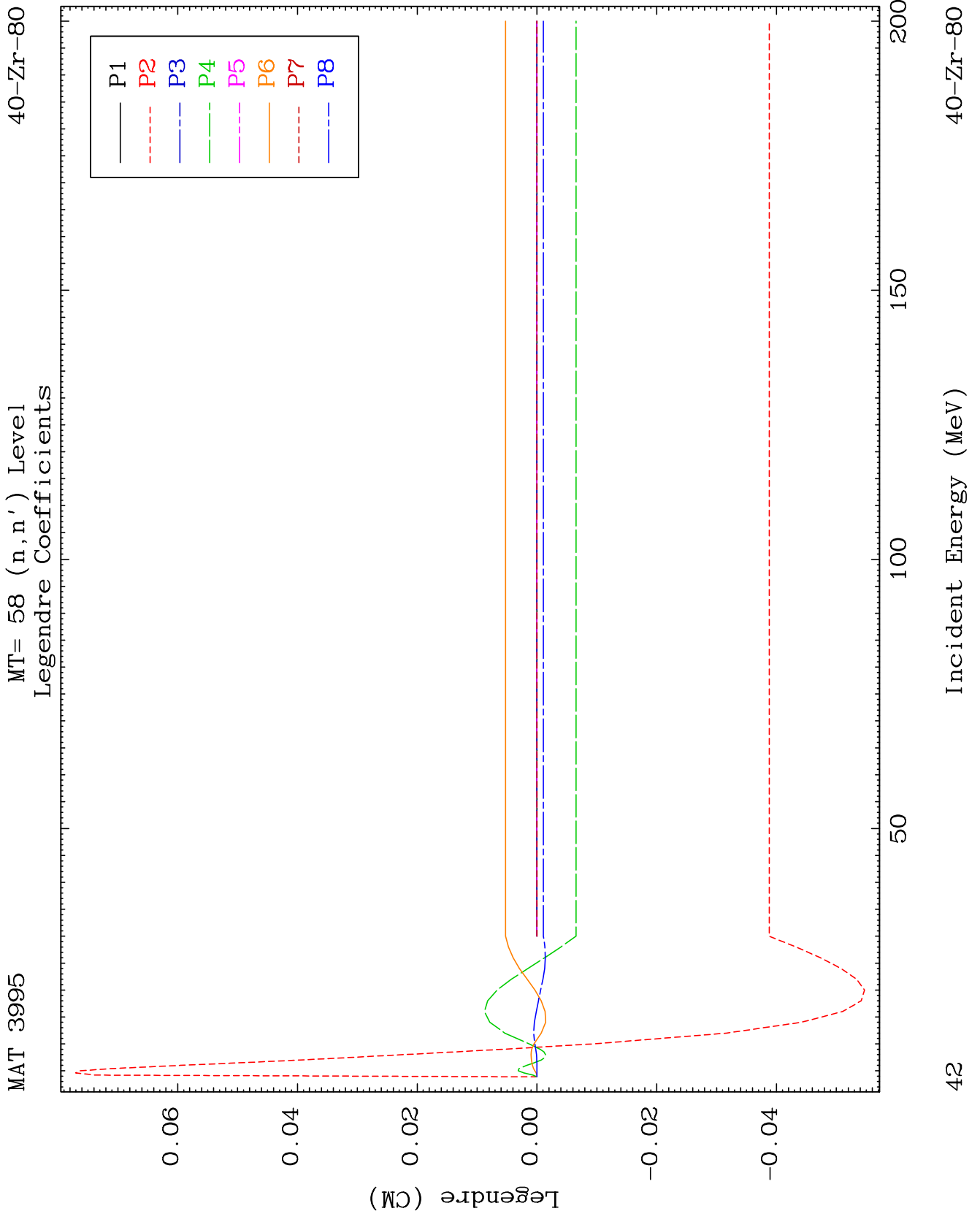


39

Incident Energy (MeV)

40-Zr-80

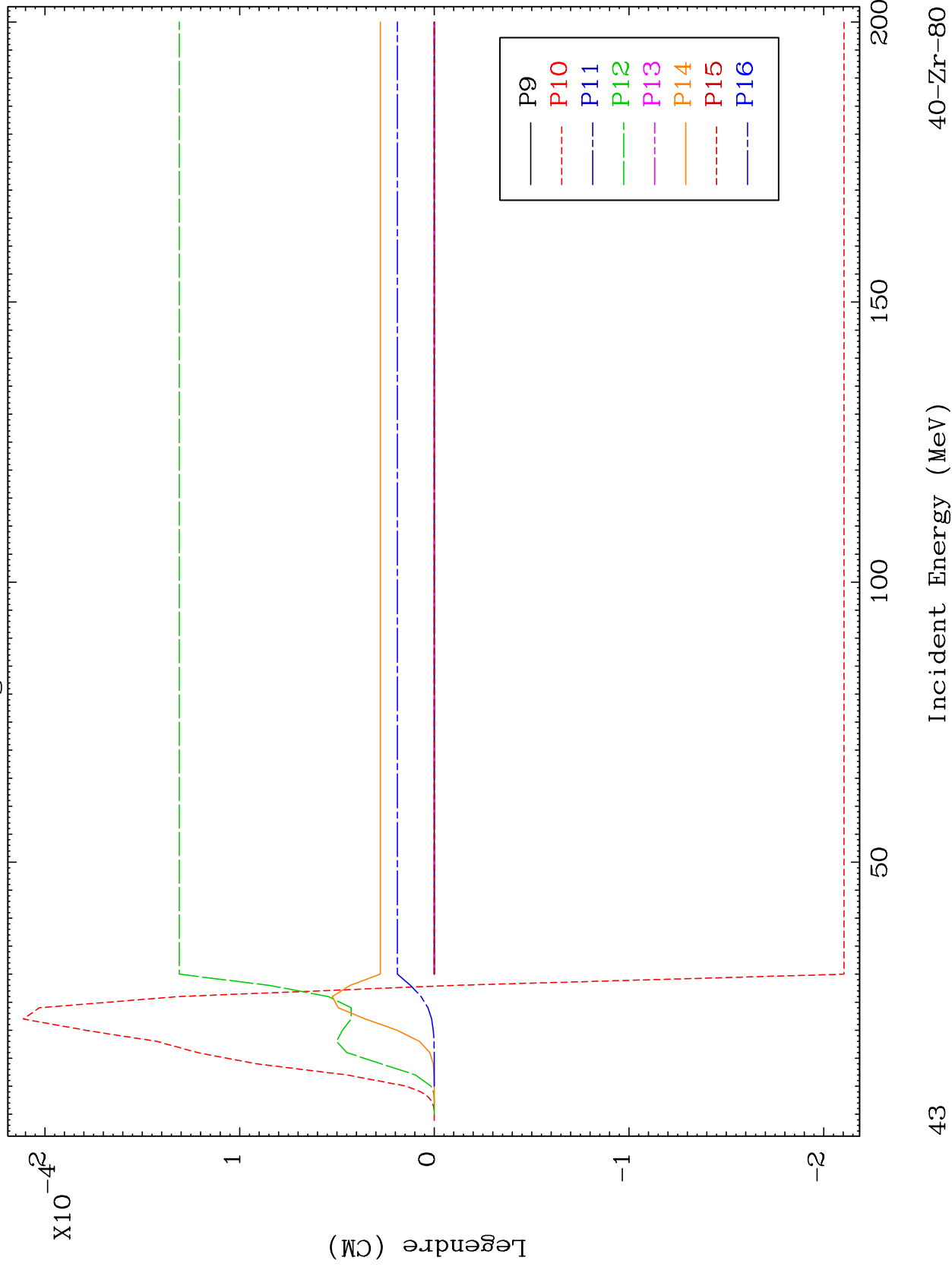


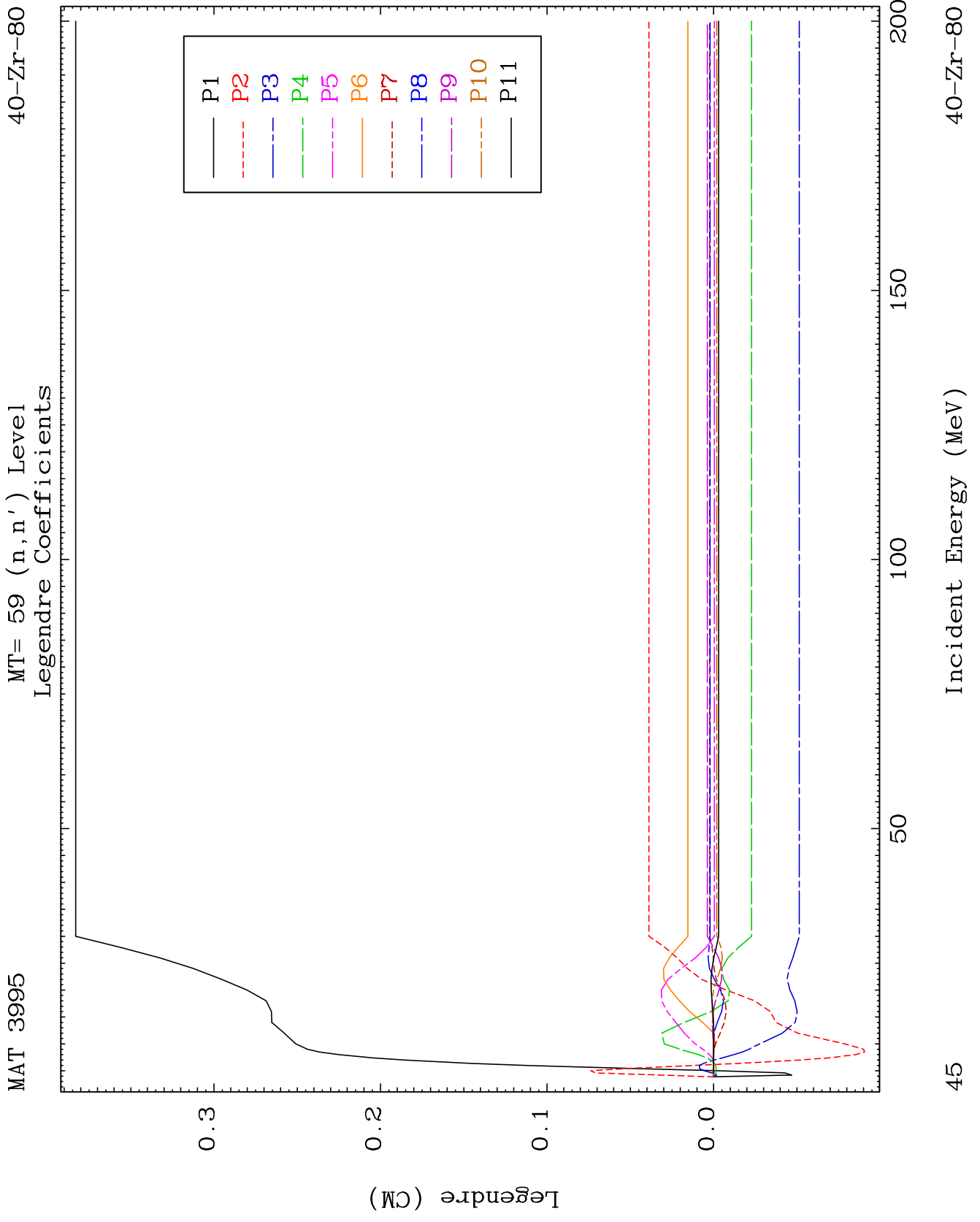


MAT 3995

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

40-Zr-80

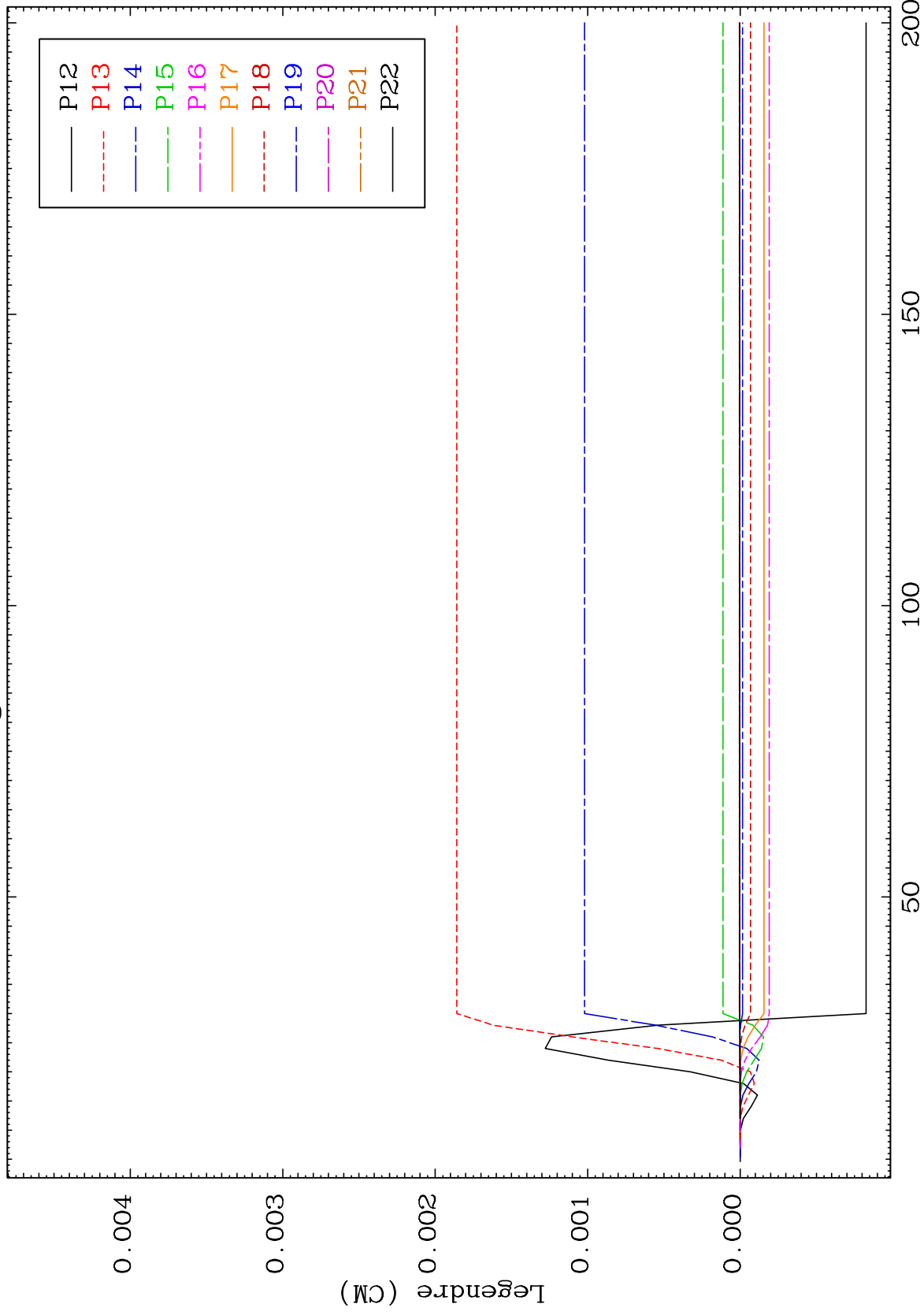




MAT 3995

MT= 59 (n,n') Level
Legendre Coefficients

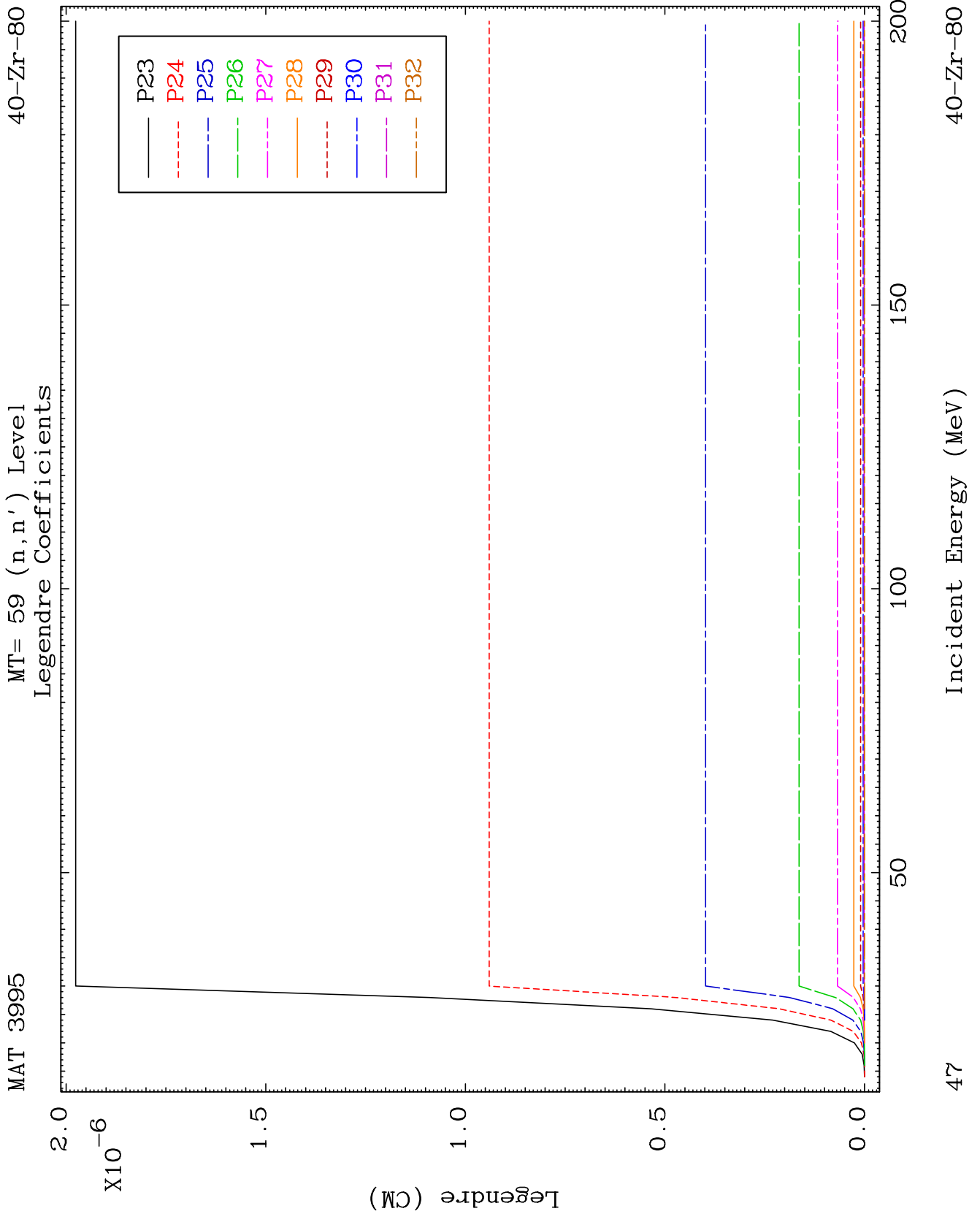
40-Zr-80

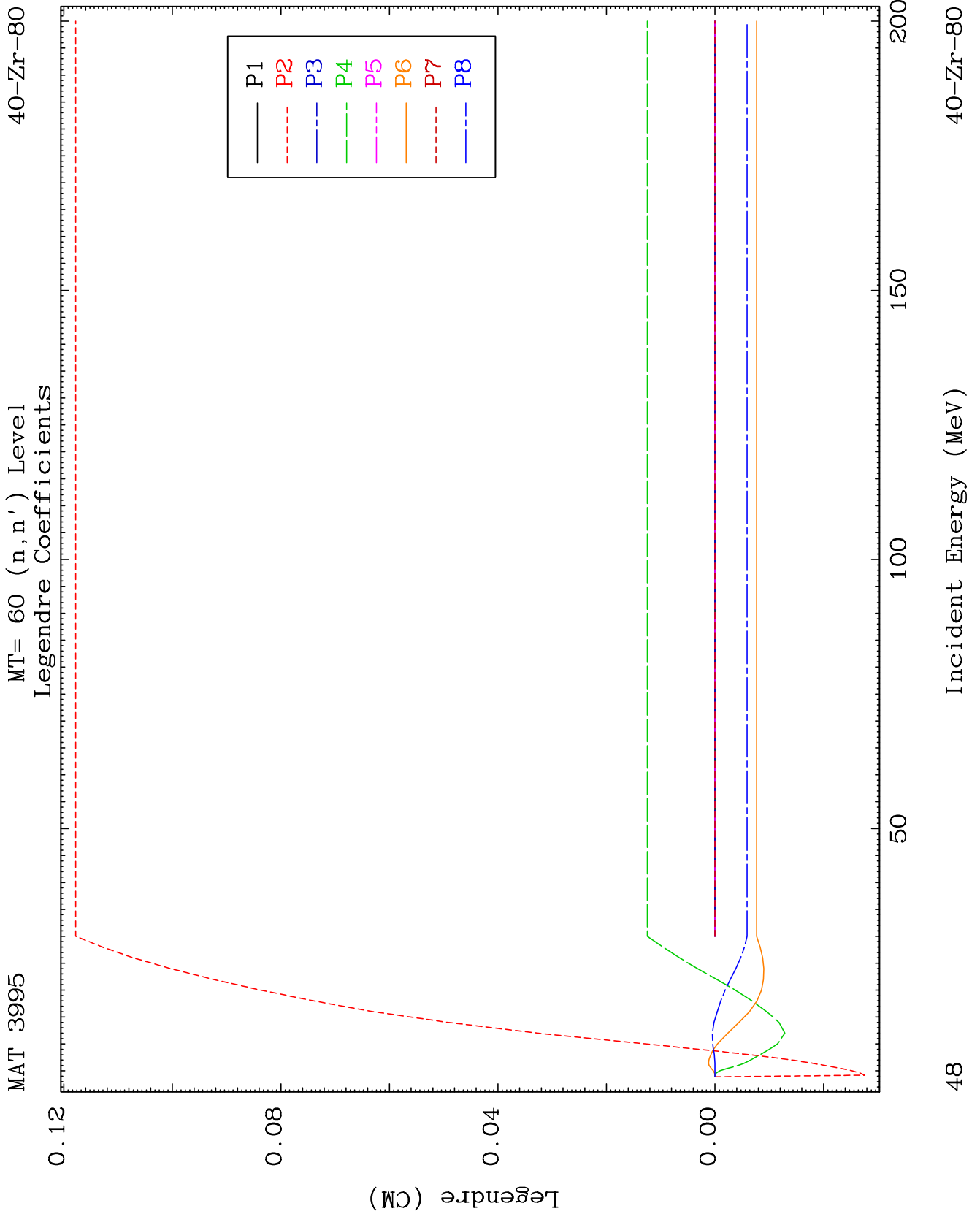


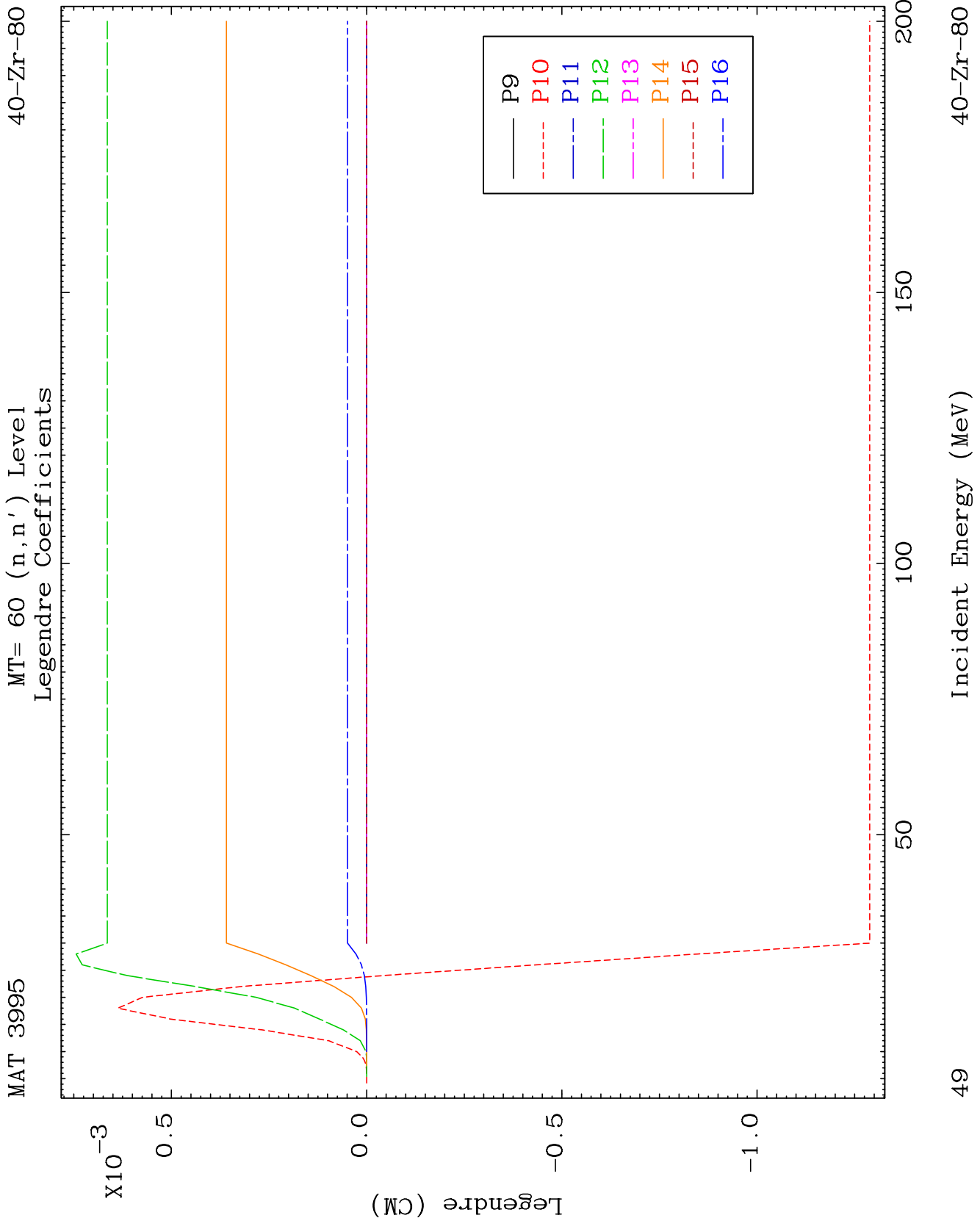
46

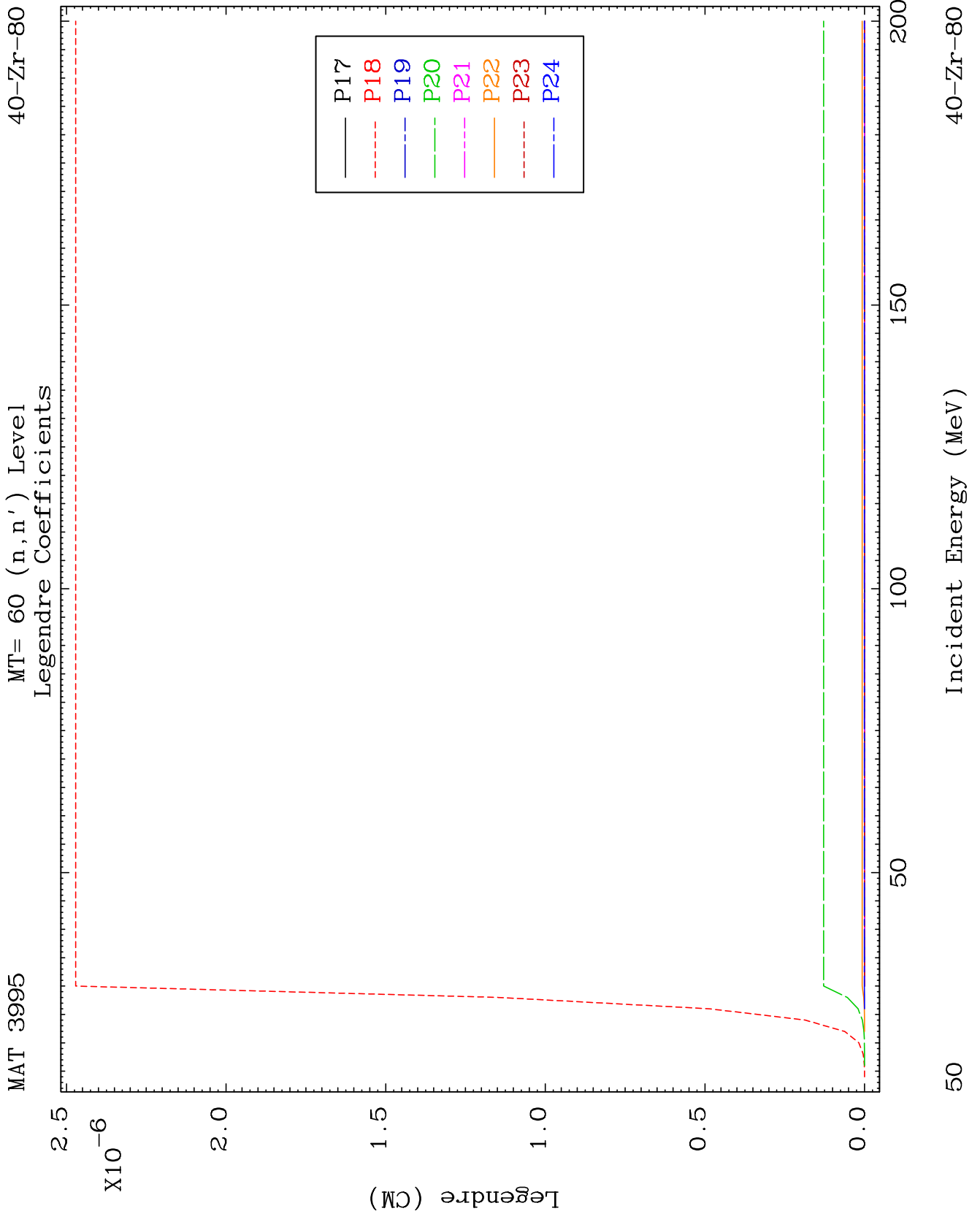
Incident Energy (MeV)

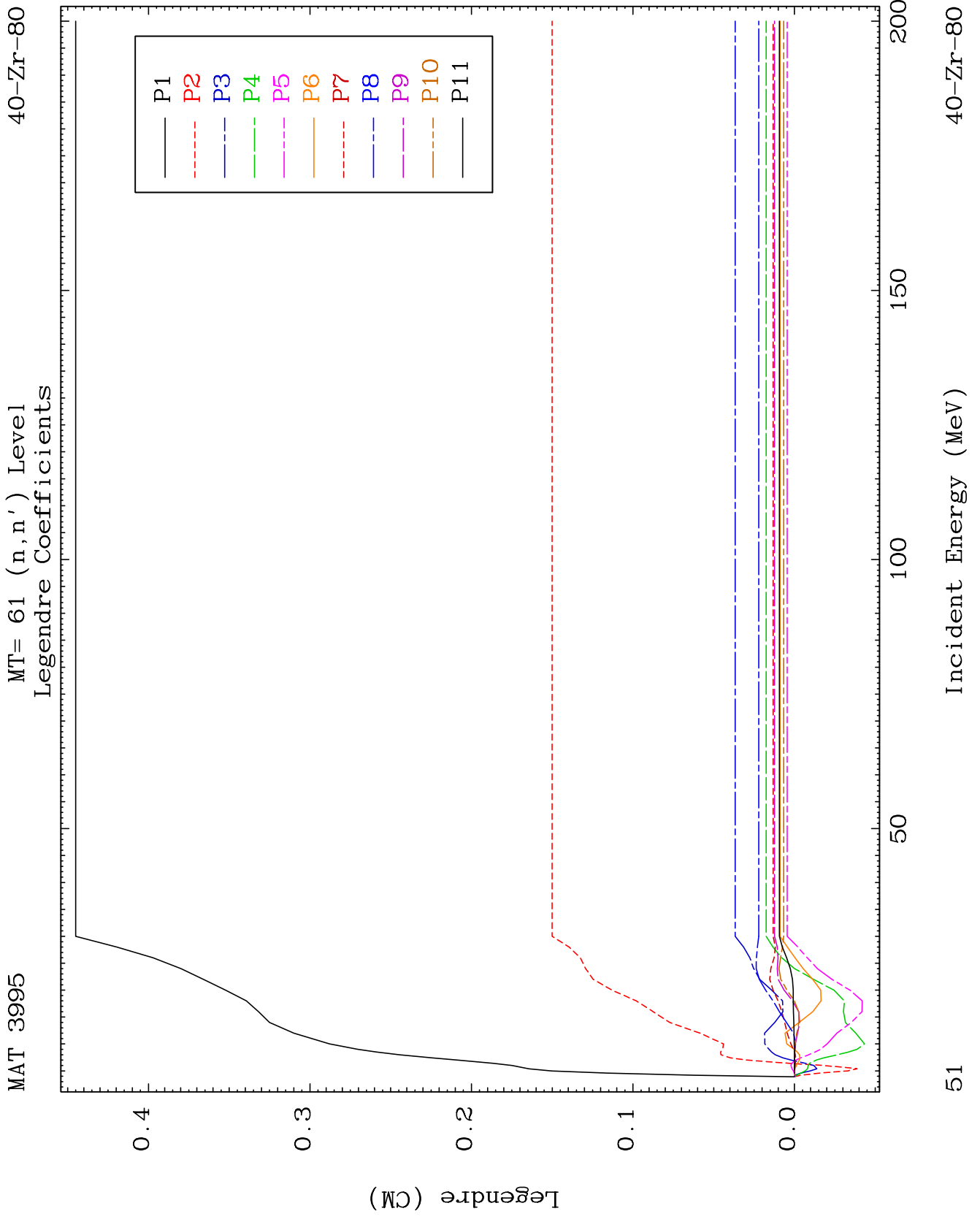
40-Zr-80







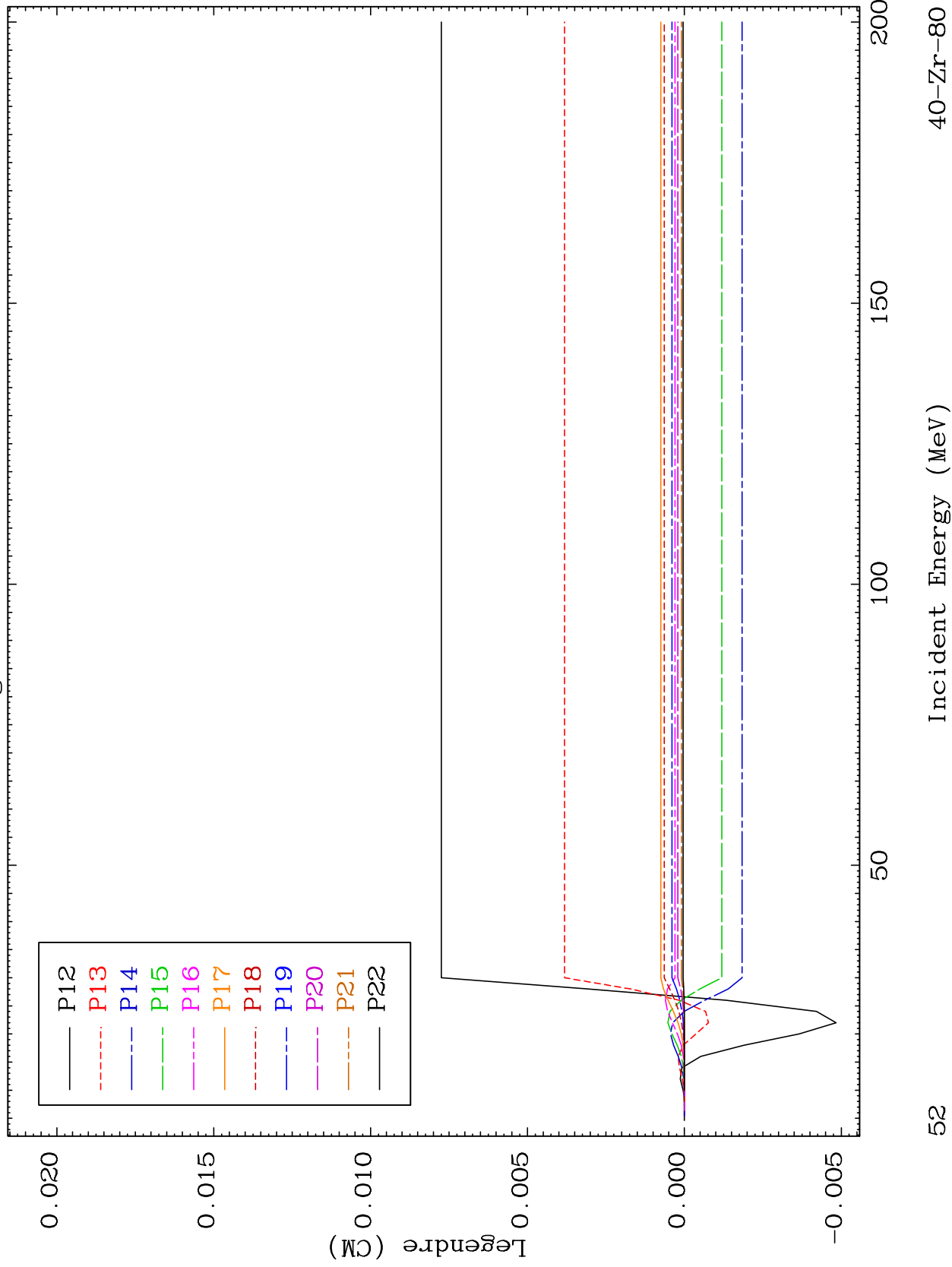




MAT 3995

MT= 61 (n,n') Level
Legendre Coefficients

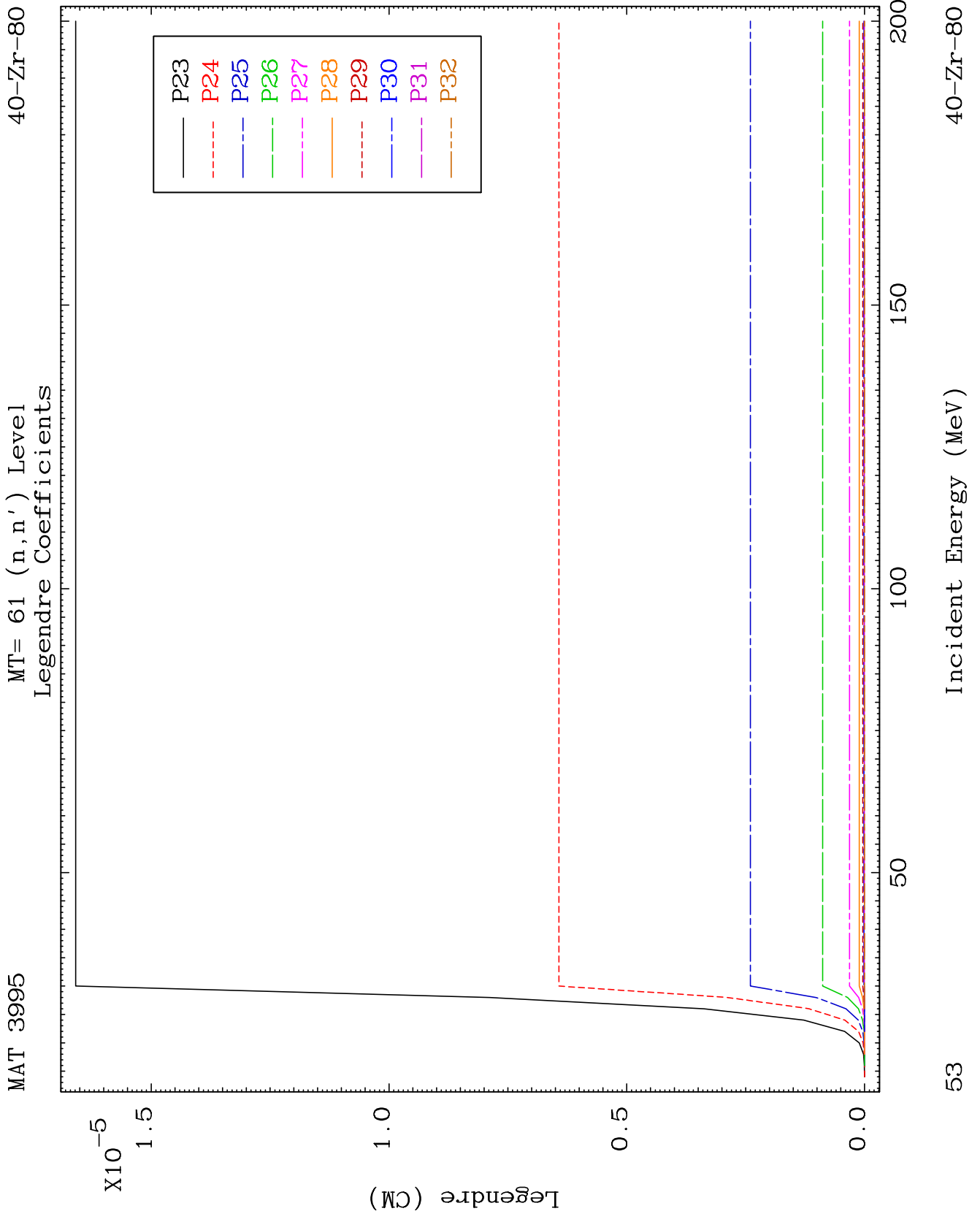
40-Zr-80

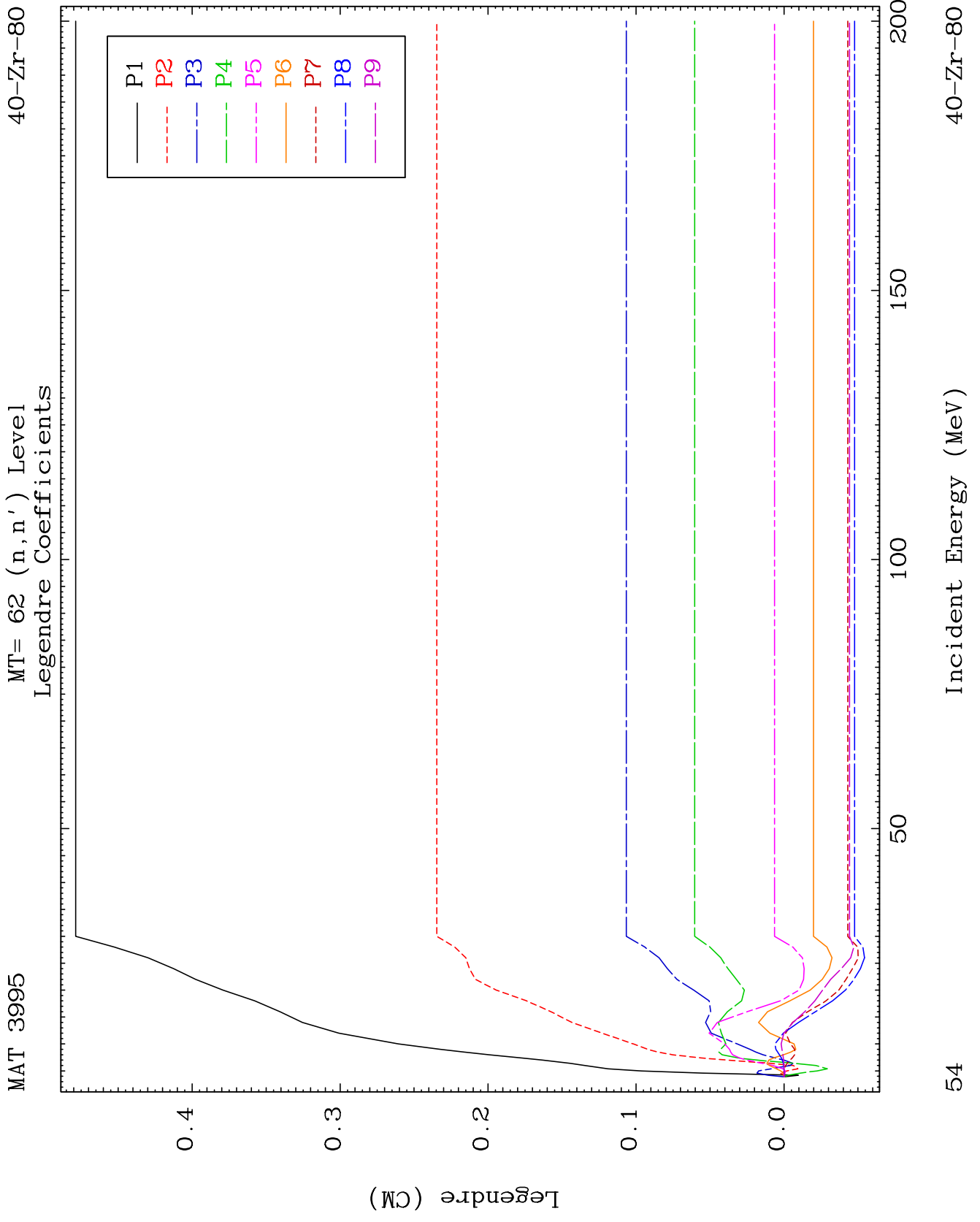


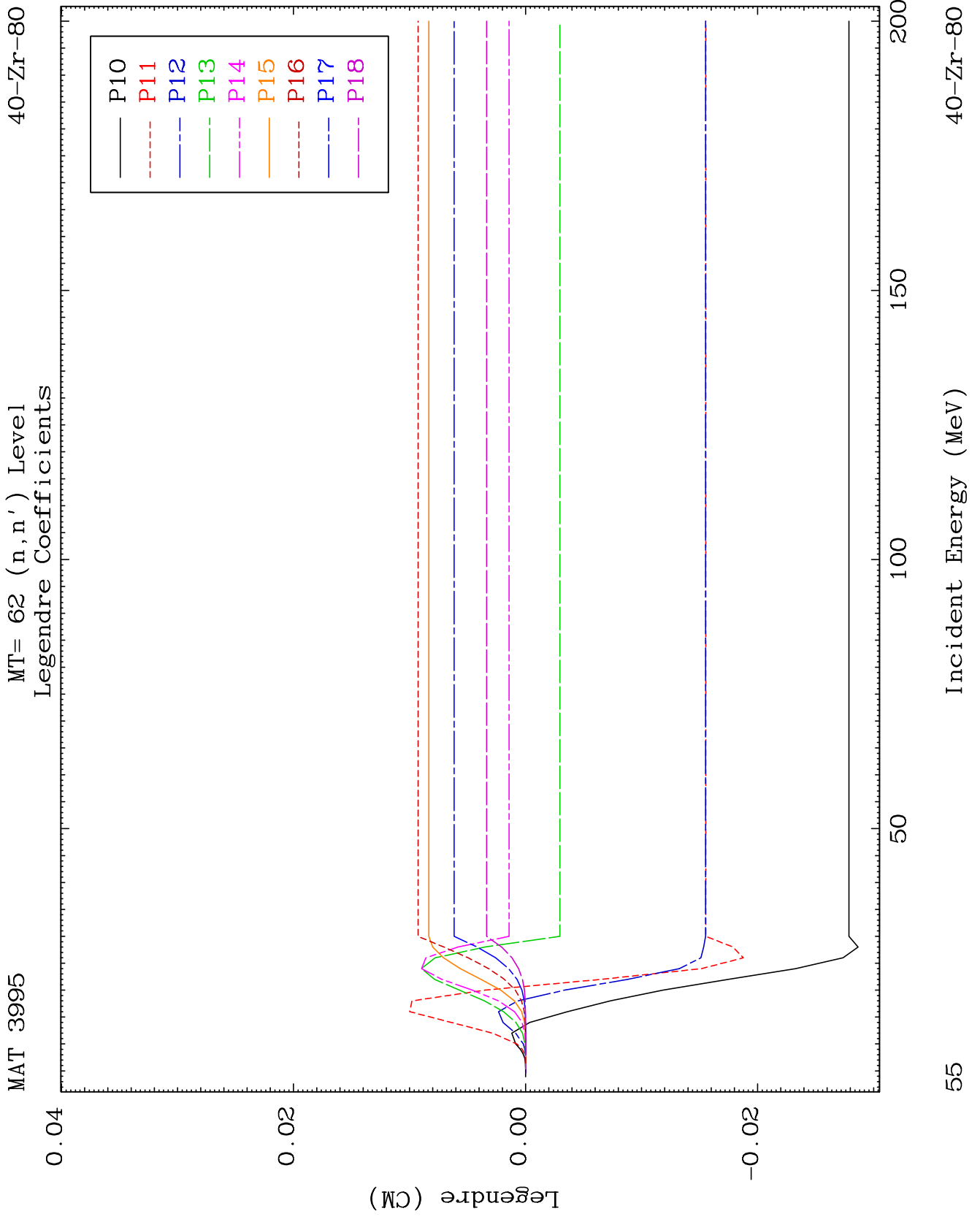
52

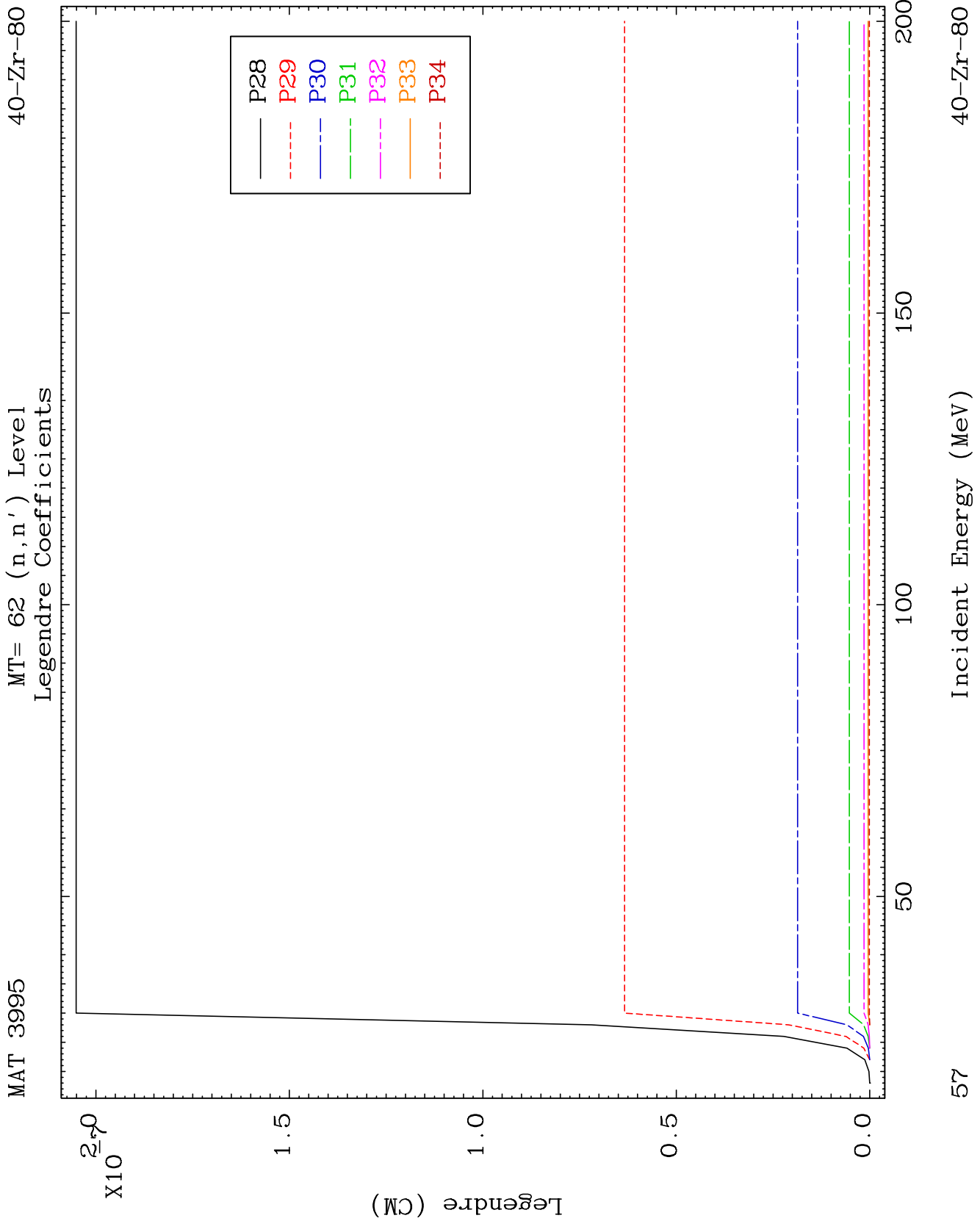
Incident Energy (MeV)

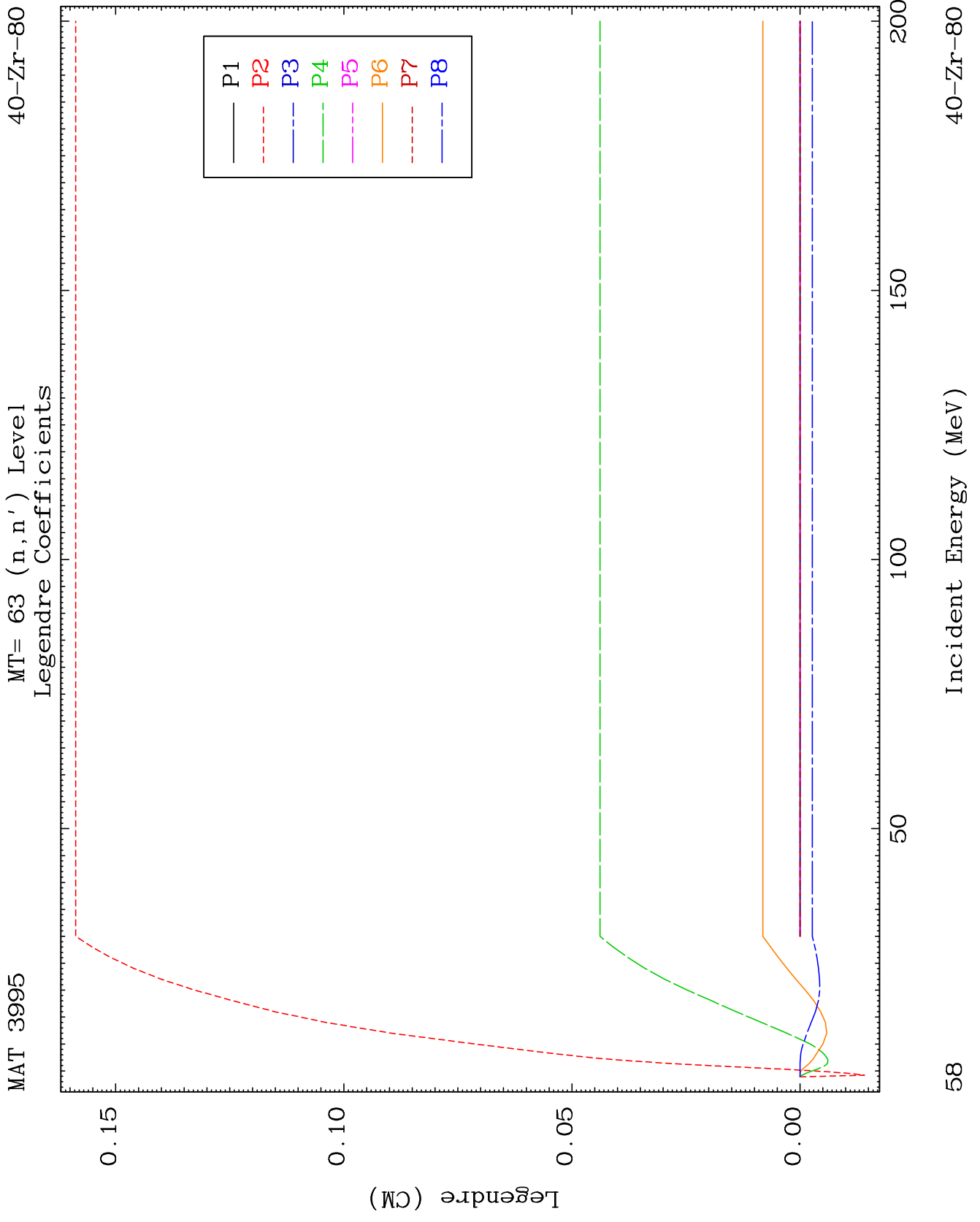
40-Zr-80

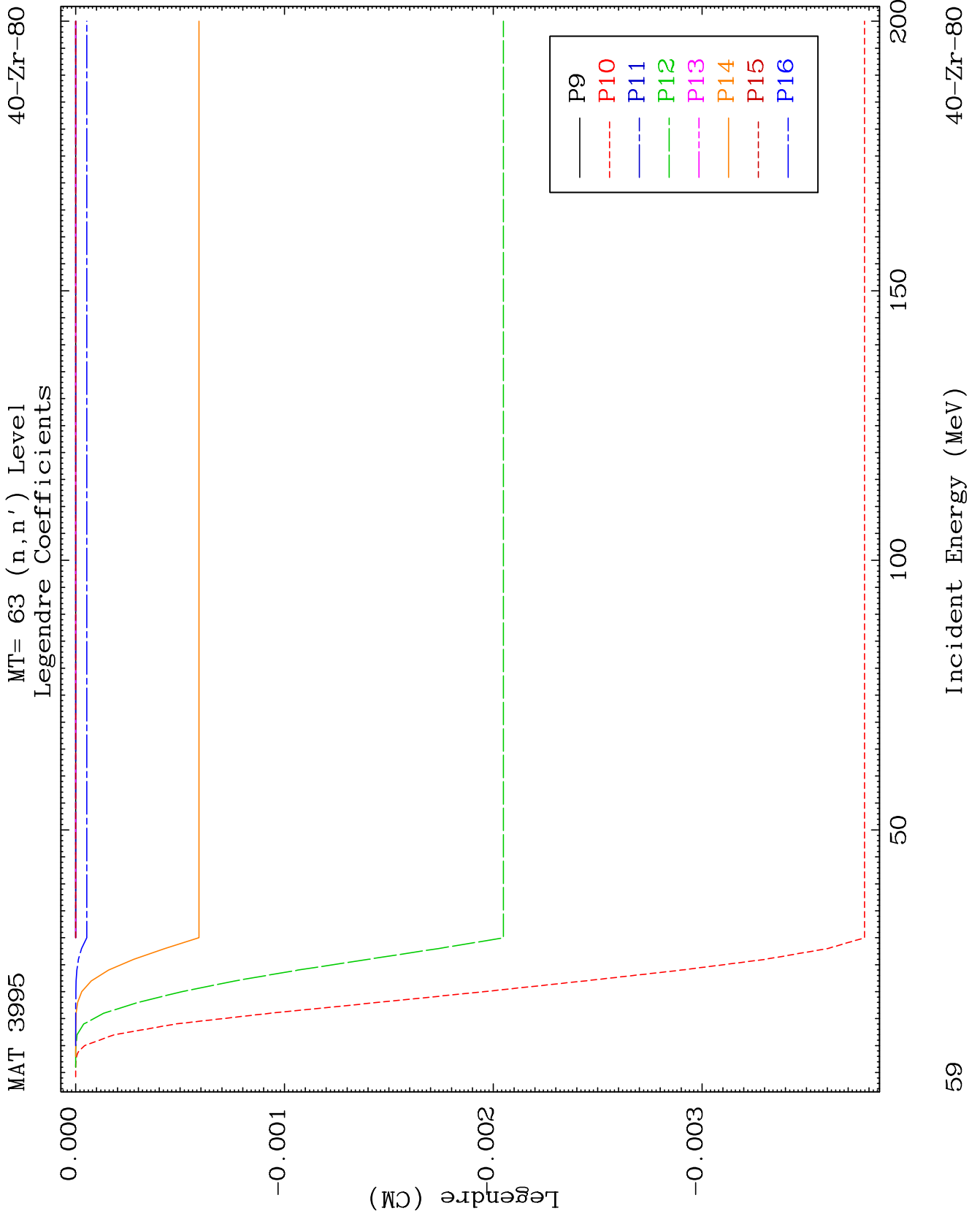


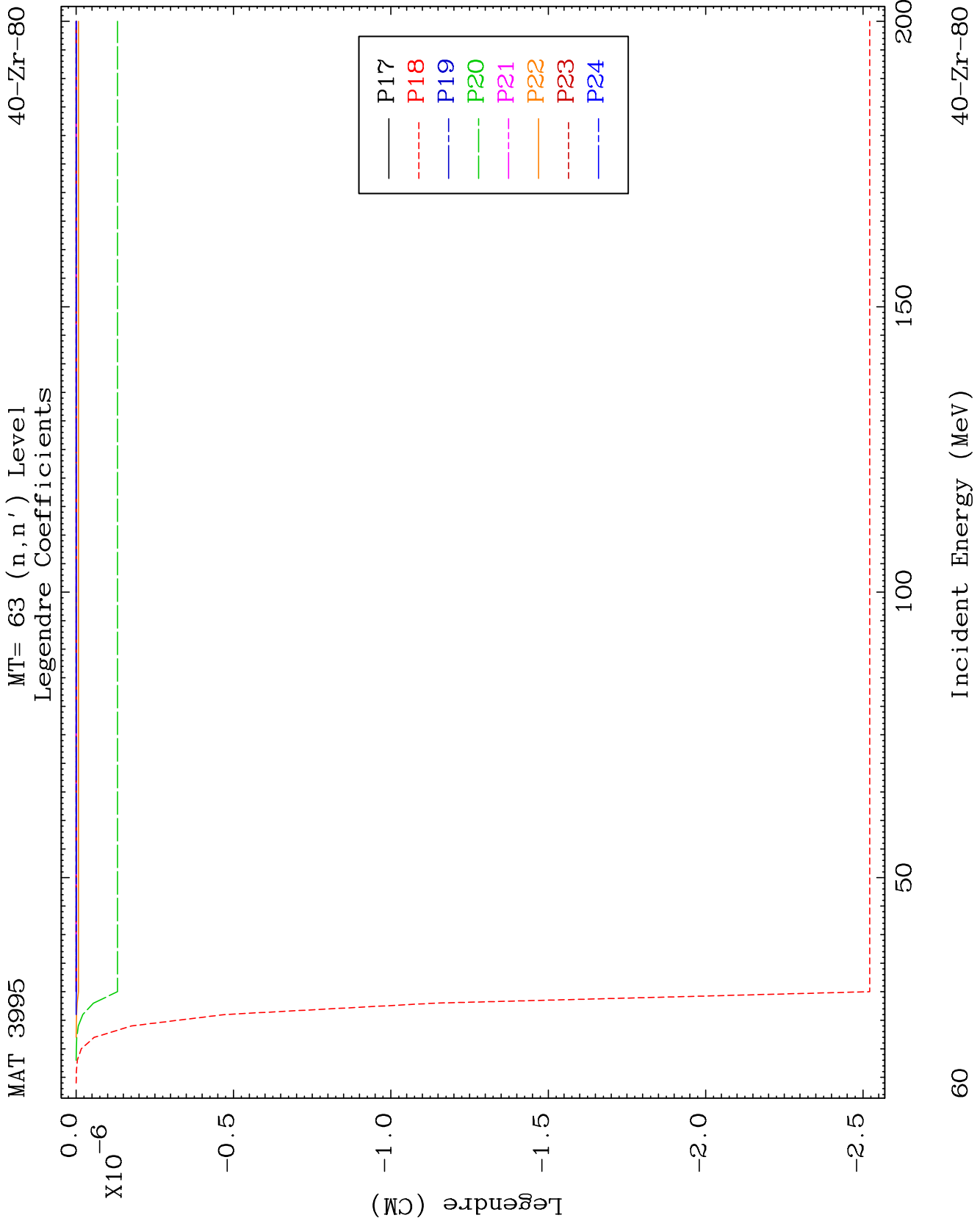








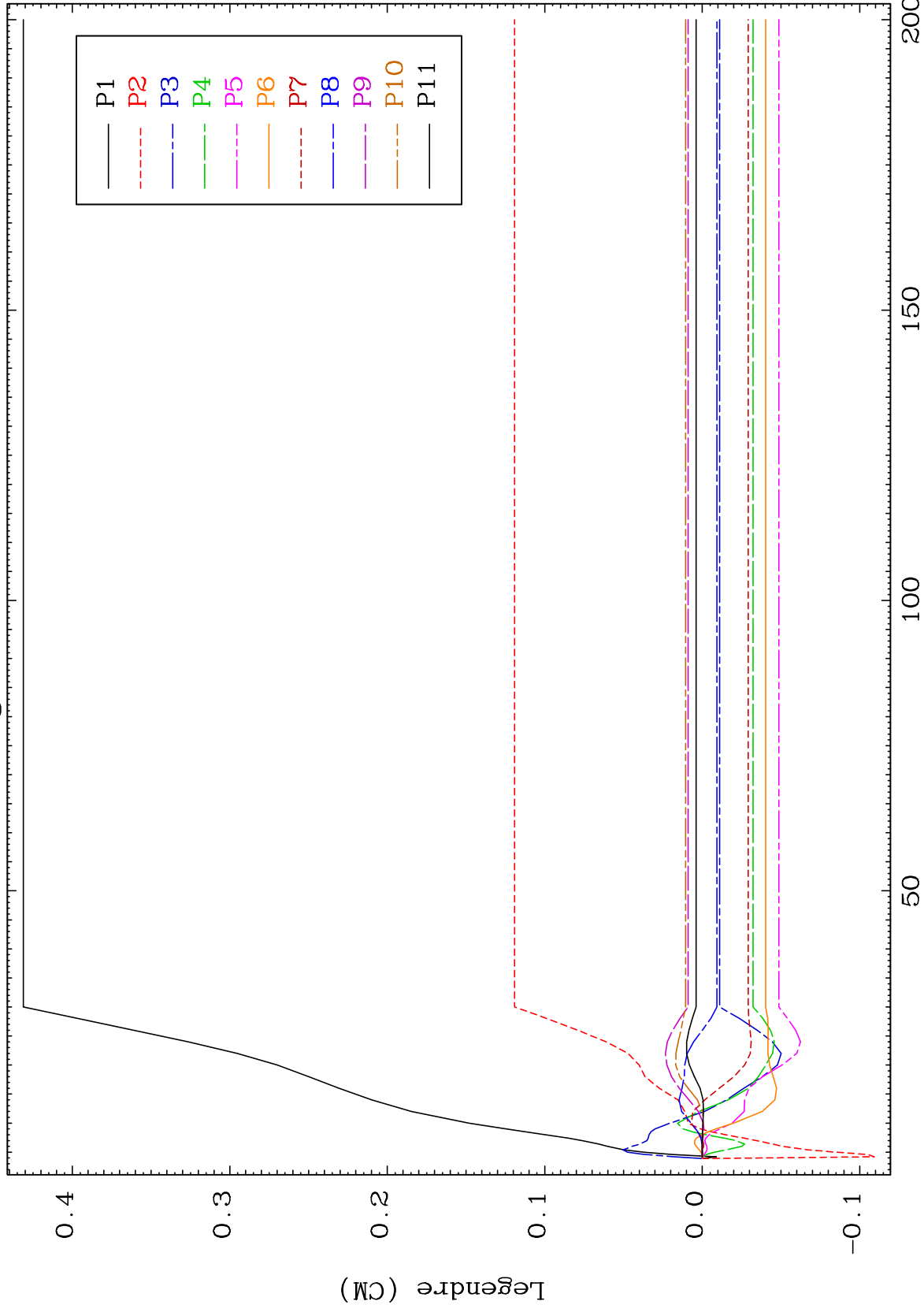




MAT 3995

MT= 64 (n,n') Level
Legendre Coefficients

40-Zr-80



61

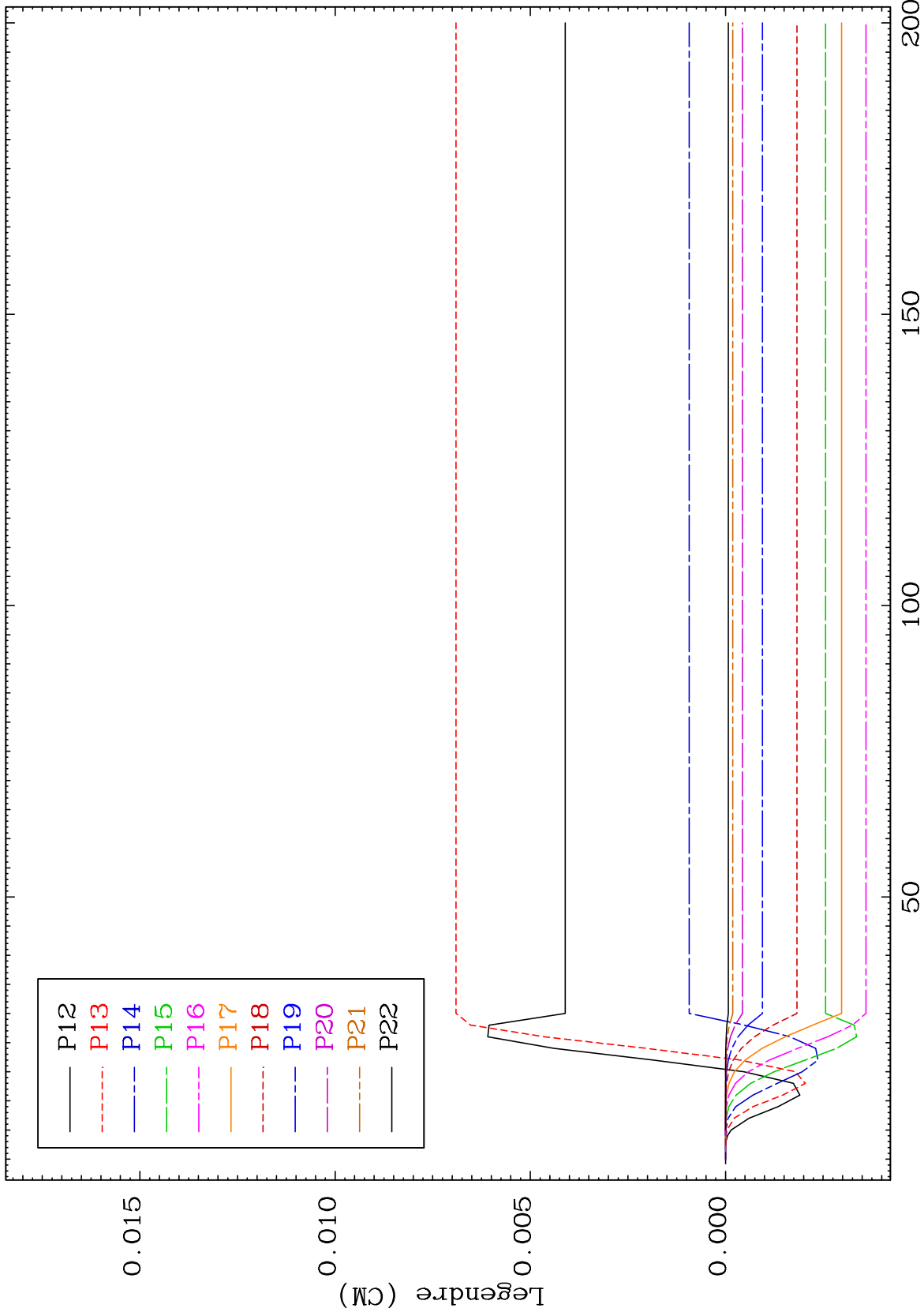
Incident Energy (MeV)

40-Zr-80

MAT 3995

MT= 64 (n,n') Level
Legendre Coefficients

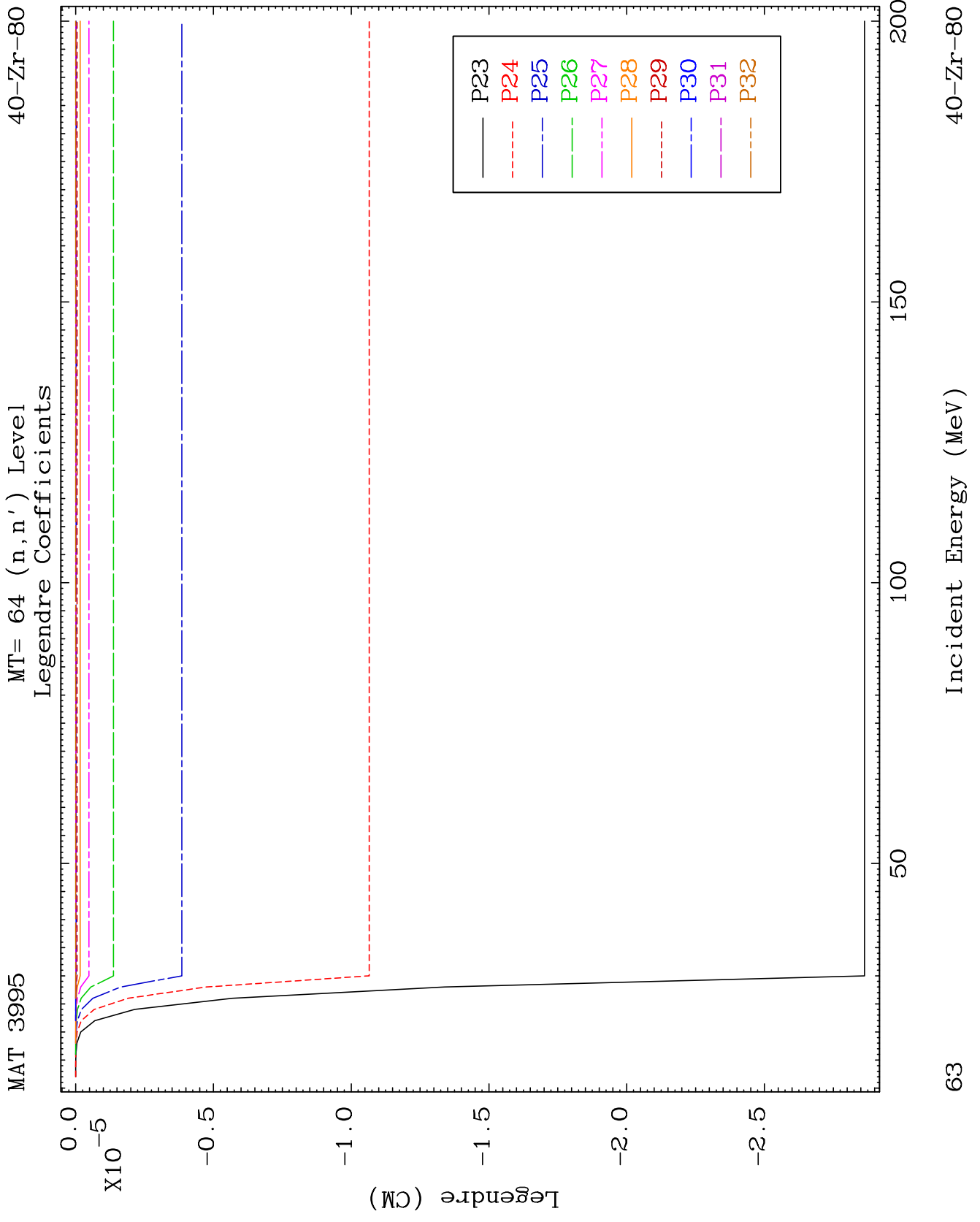
40-Zr-80



62

Incident Energy (MeV)

40-Zr-80

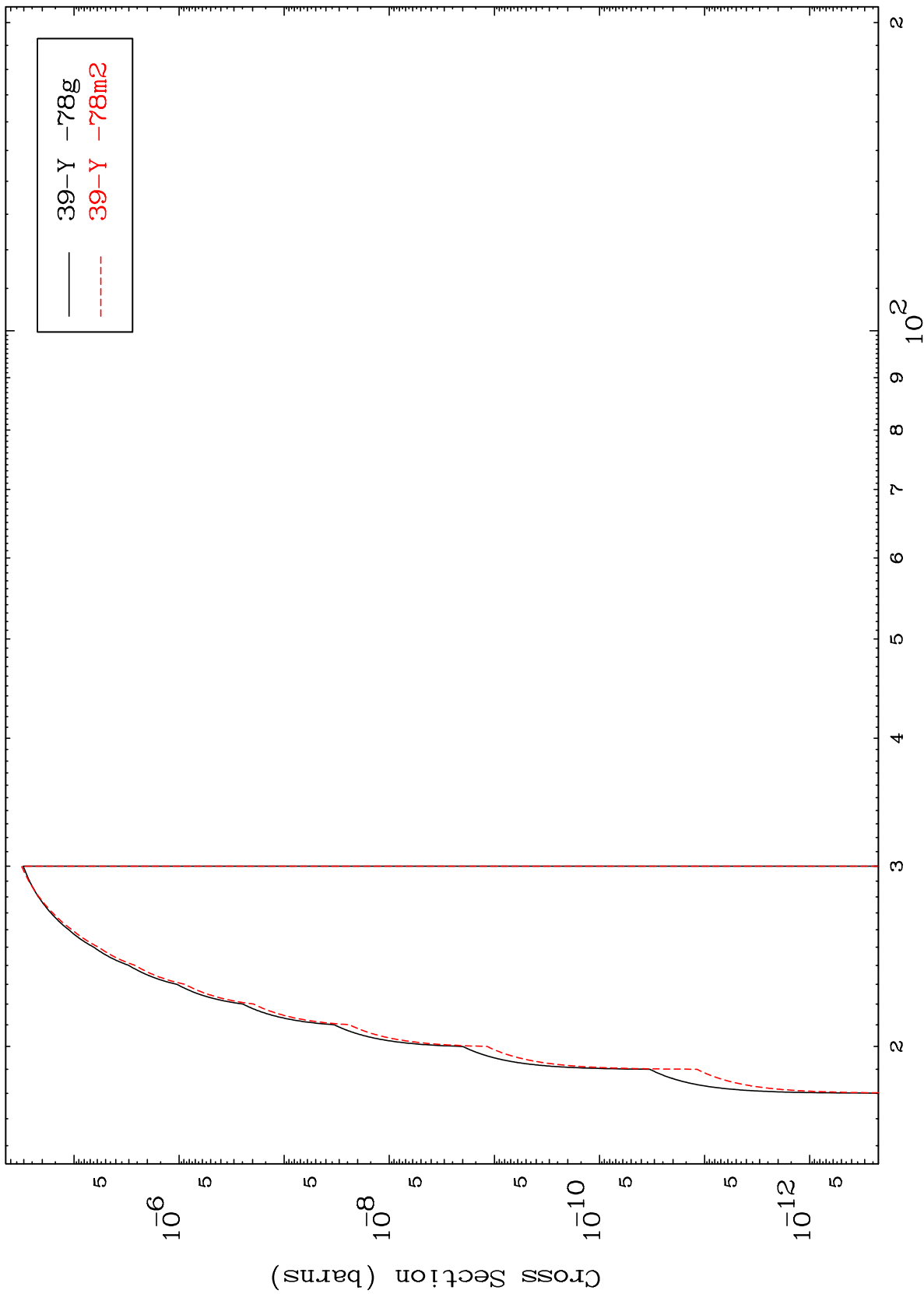


MAT 3995

(n,n') d

40-Zr-80

Radionuclide Production Cross Section



64

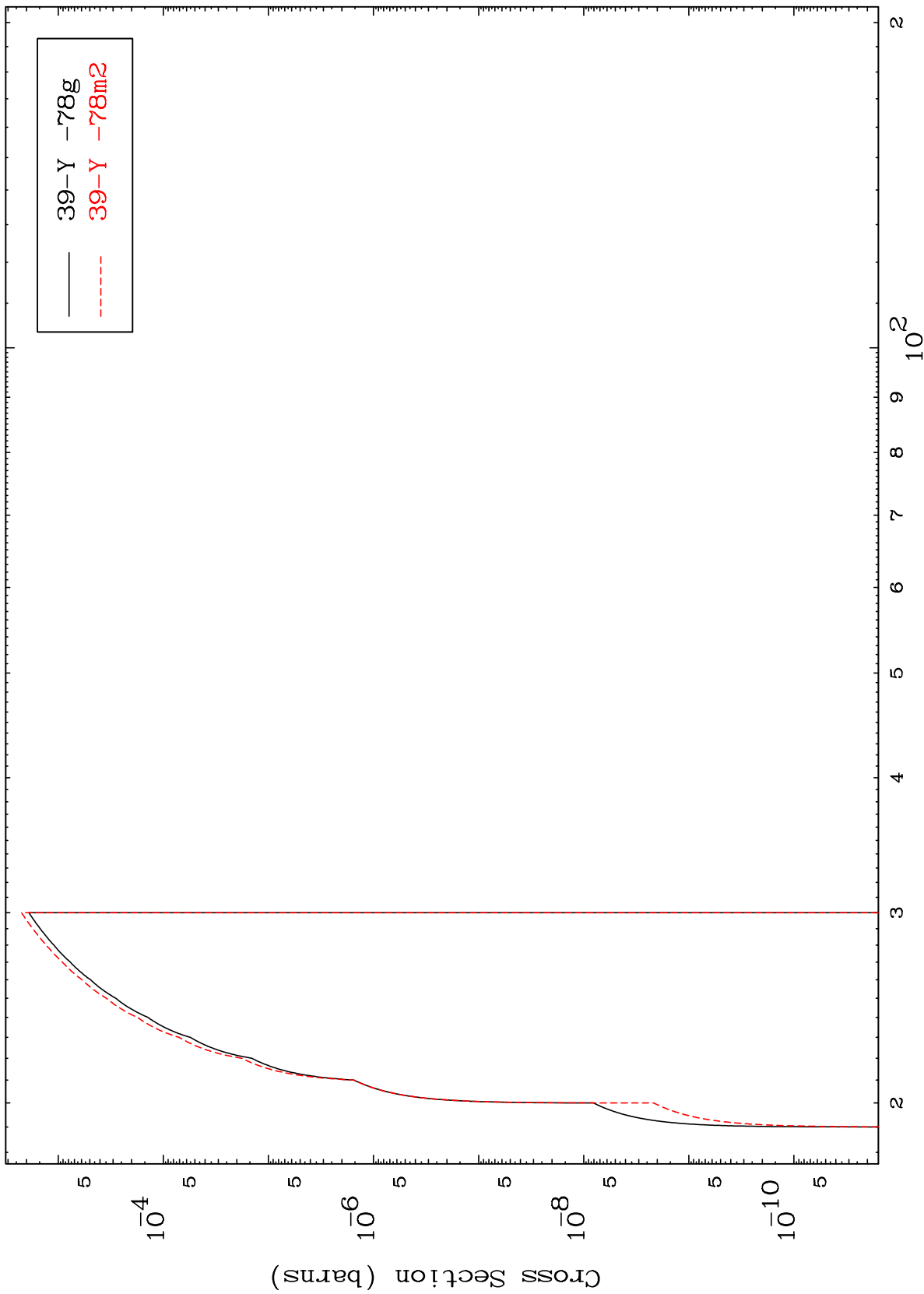
Incident Energy (MeV)

40-Zr-80

MAT 3995

40-Zr-80

(n,2n) p
Radionuclide Production Cross Section



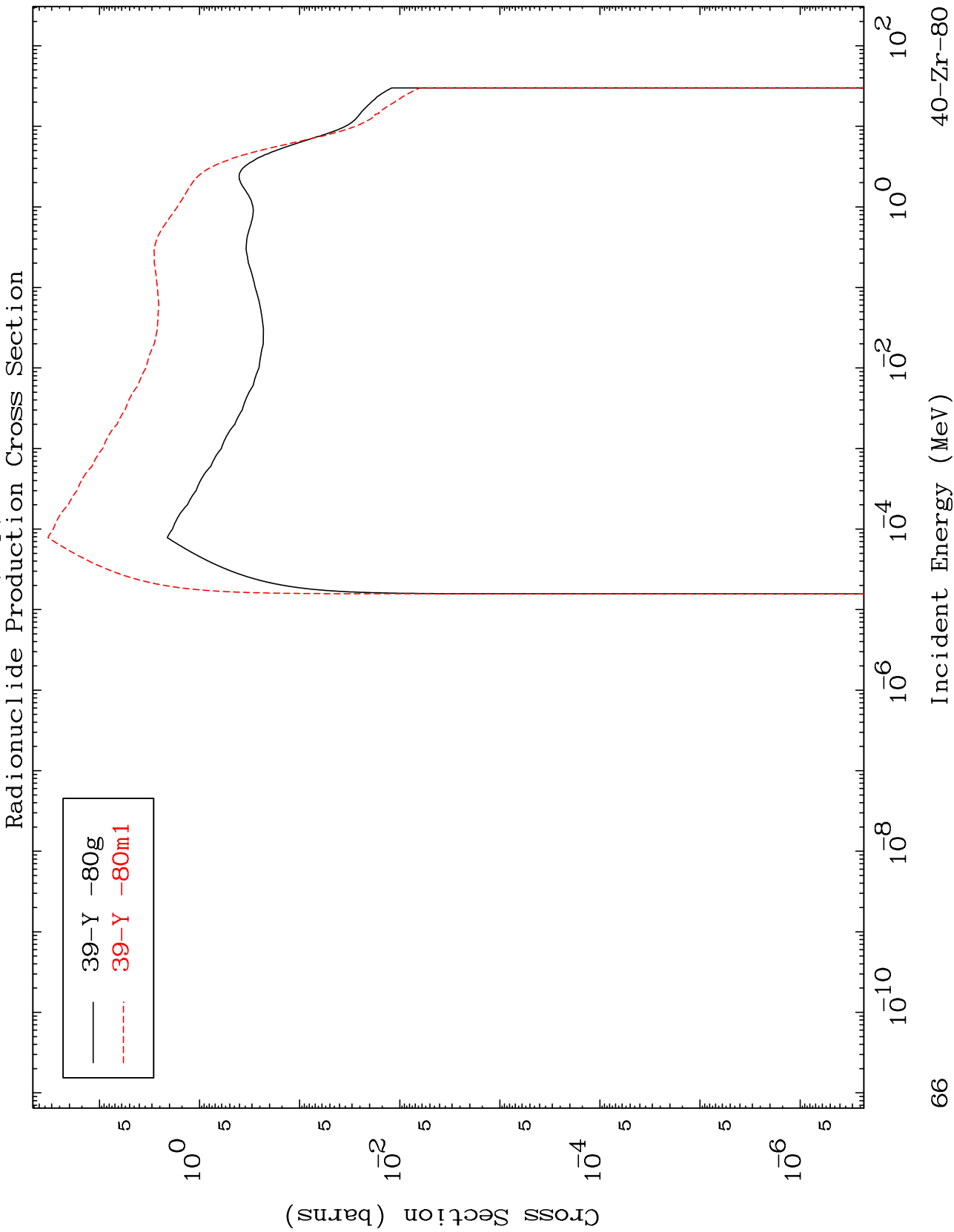
65

40-Zr-80

Incident Energy (MeV)

MAT 3995

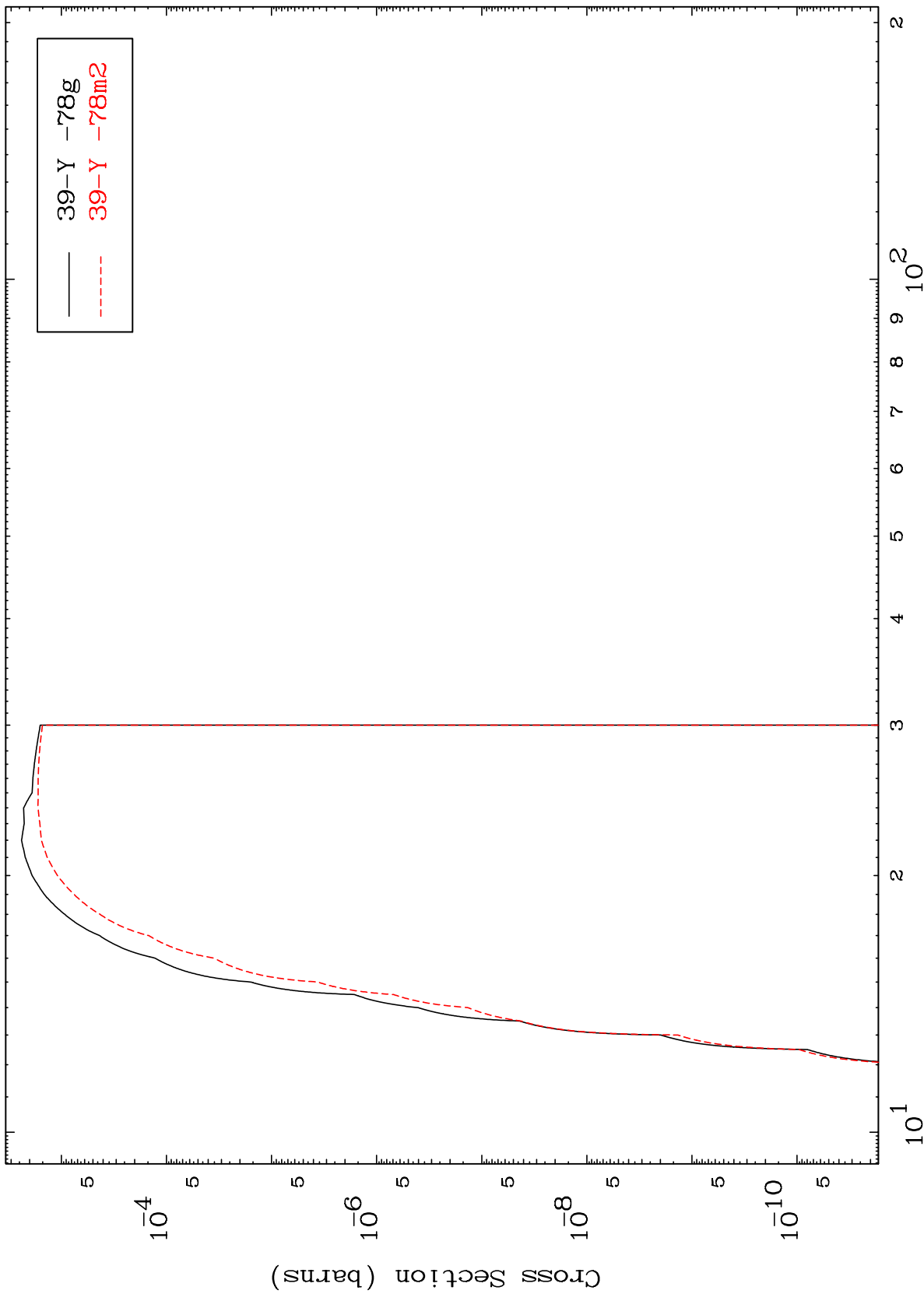
40-Zr-80



MAT 3995

40-Zr-80

(n, t)
Radionuclide Production Cross Section



39-Y -78g
39-Y -78m2

40-Zr-80

Incident Energy (MeV)

67