

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

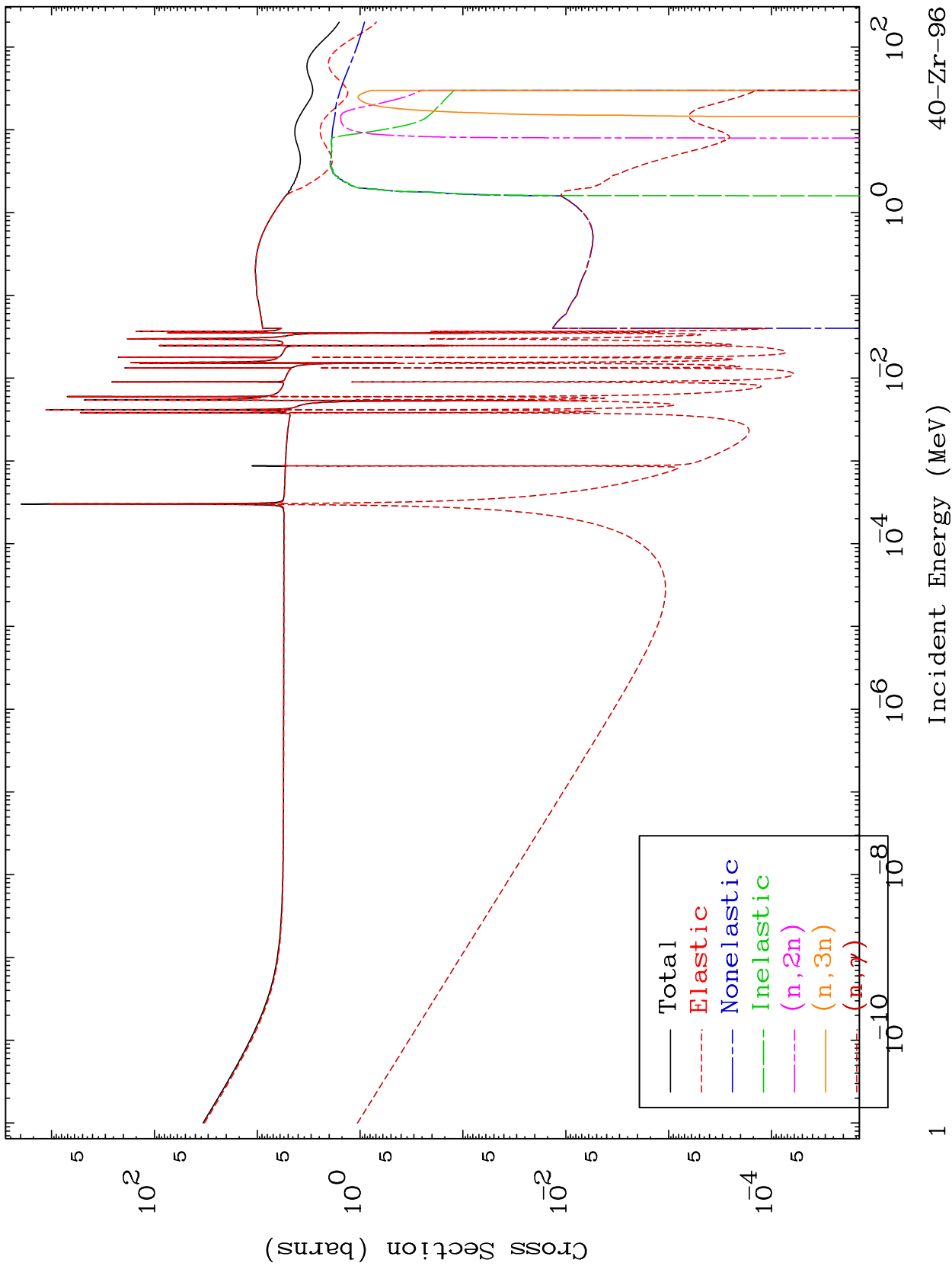
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4043

Neutron Major
293 Kelvin Cross Sections

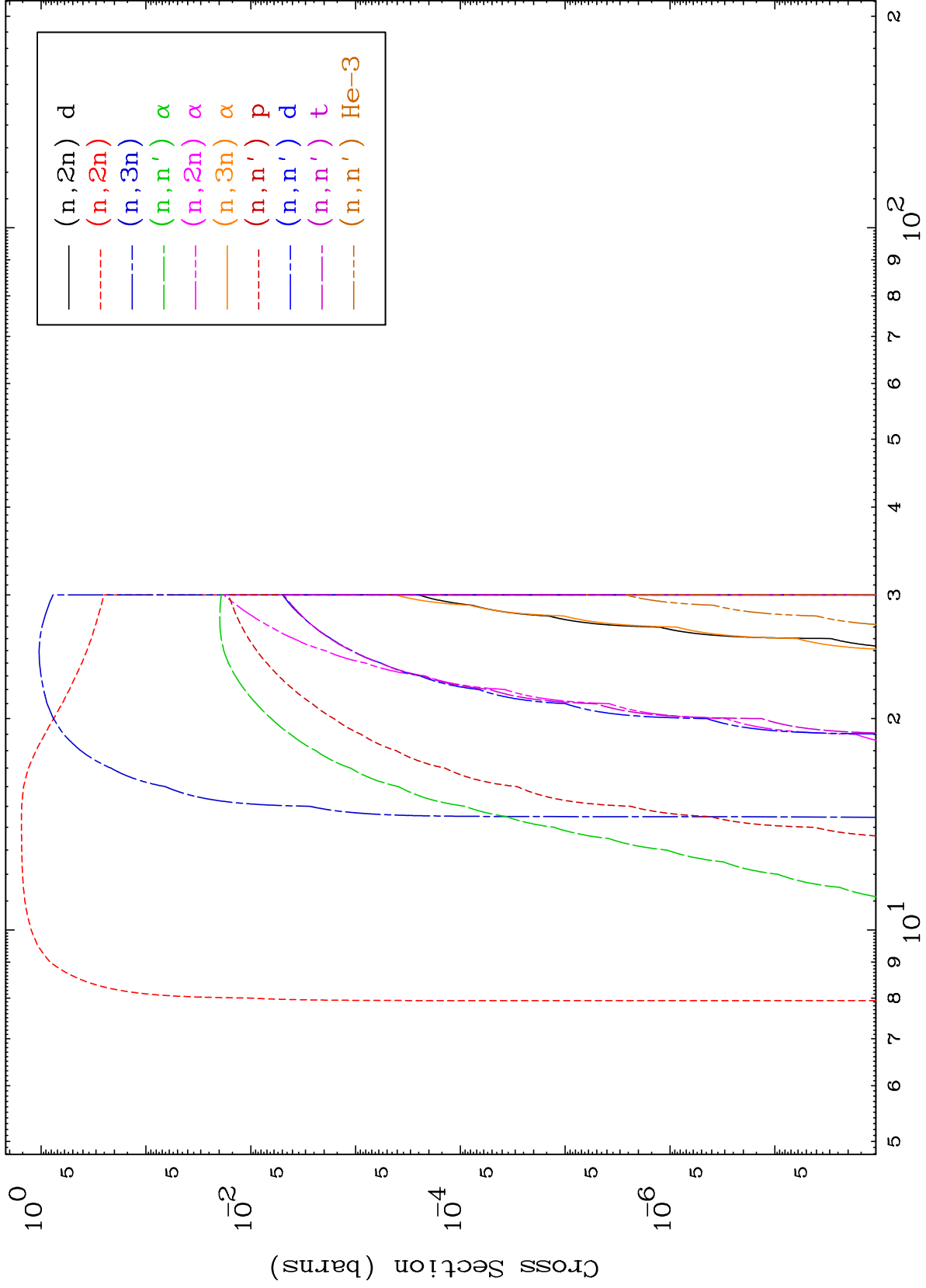
40-Zr-96



MAT 4043

Neutron Absorption
293 Kelvin Cross Sections

40-Zr-96



2

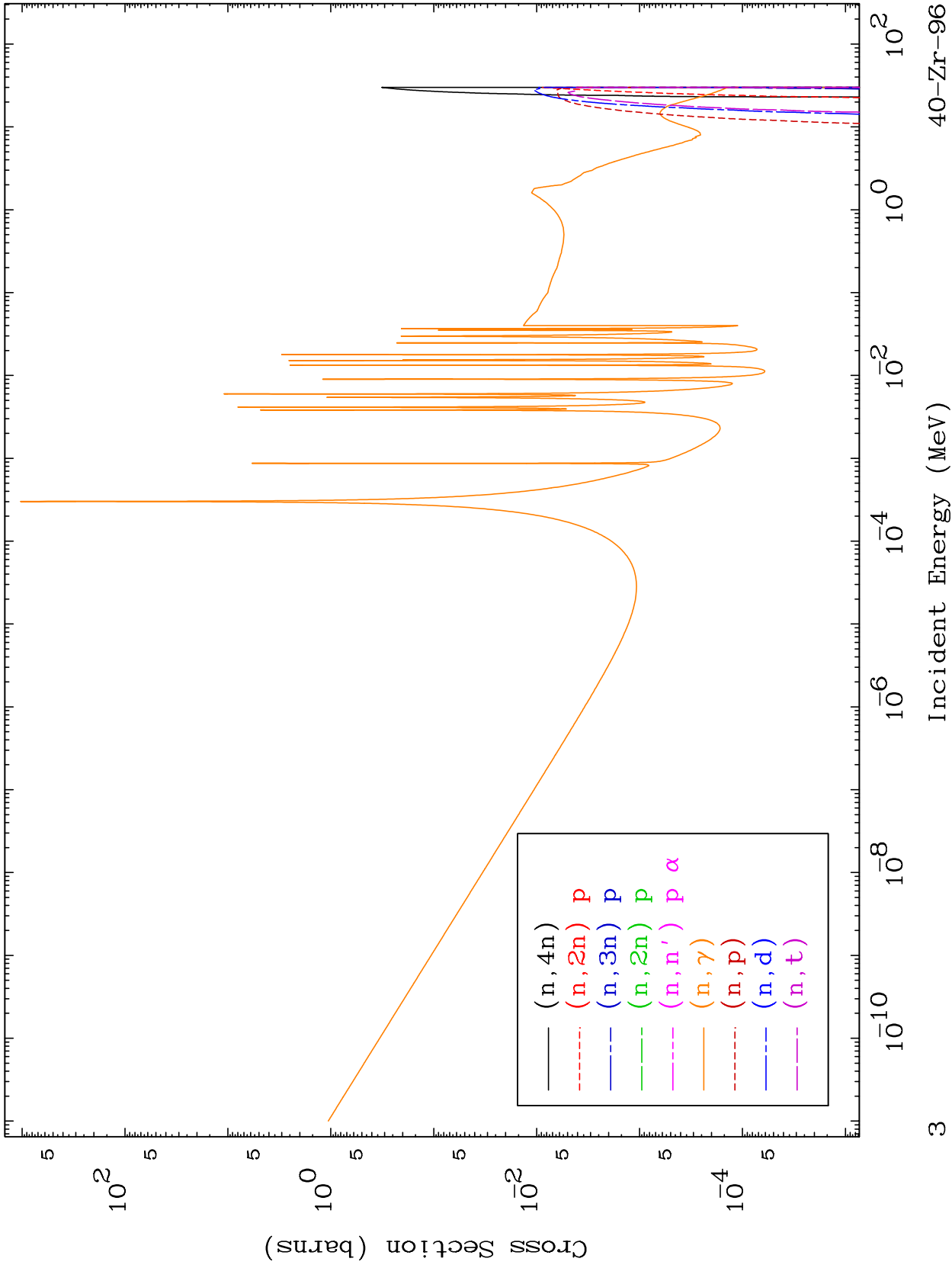
Incident Energy (MeV)

40-Zr-96

MAT 4043

Neutron Absorption
293 Kelvin Cross Sections

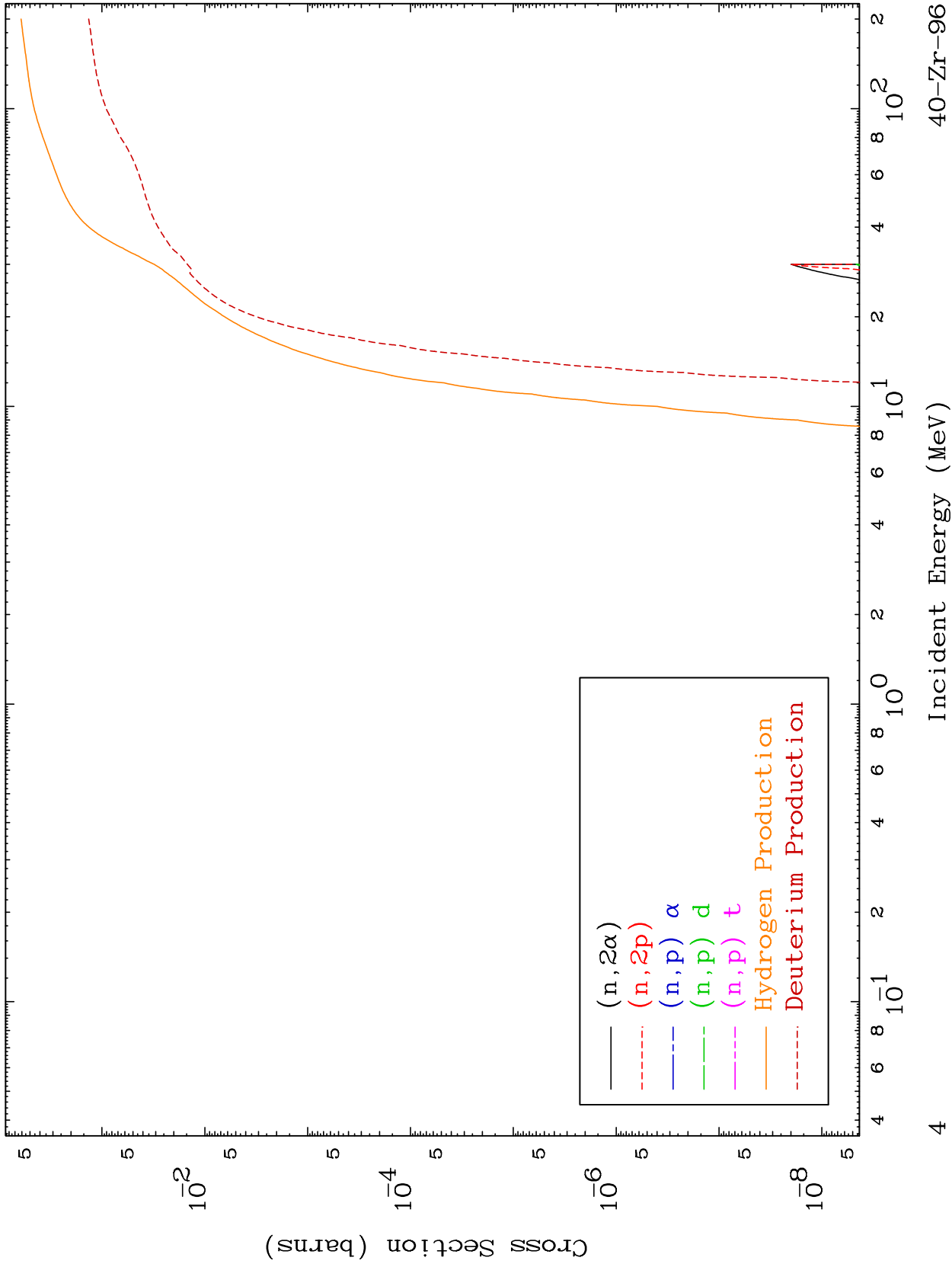
40-Zr-96

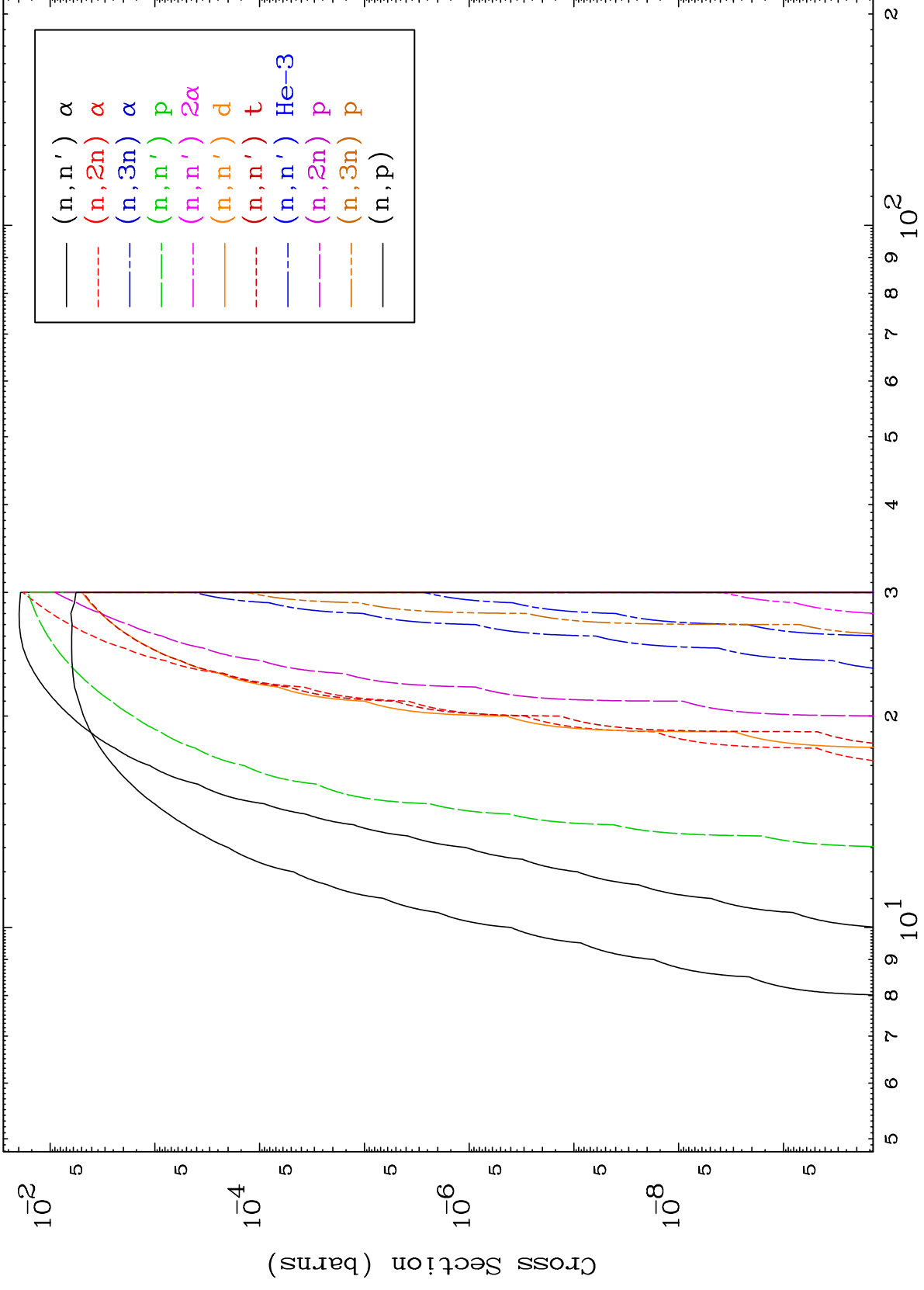


MAT 4043

Neutron Absorption
293 Kelvin Cross Sections

40-Zr-96

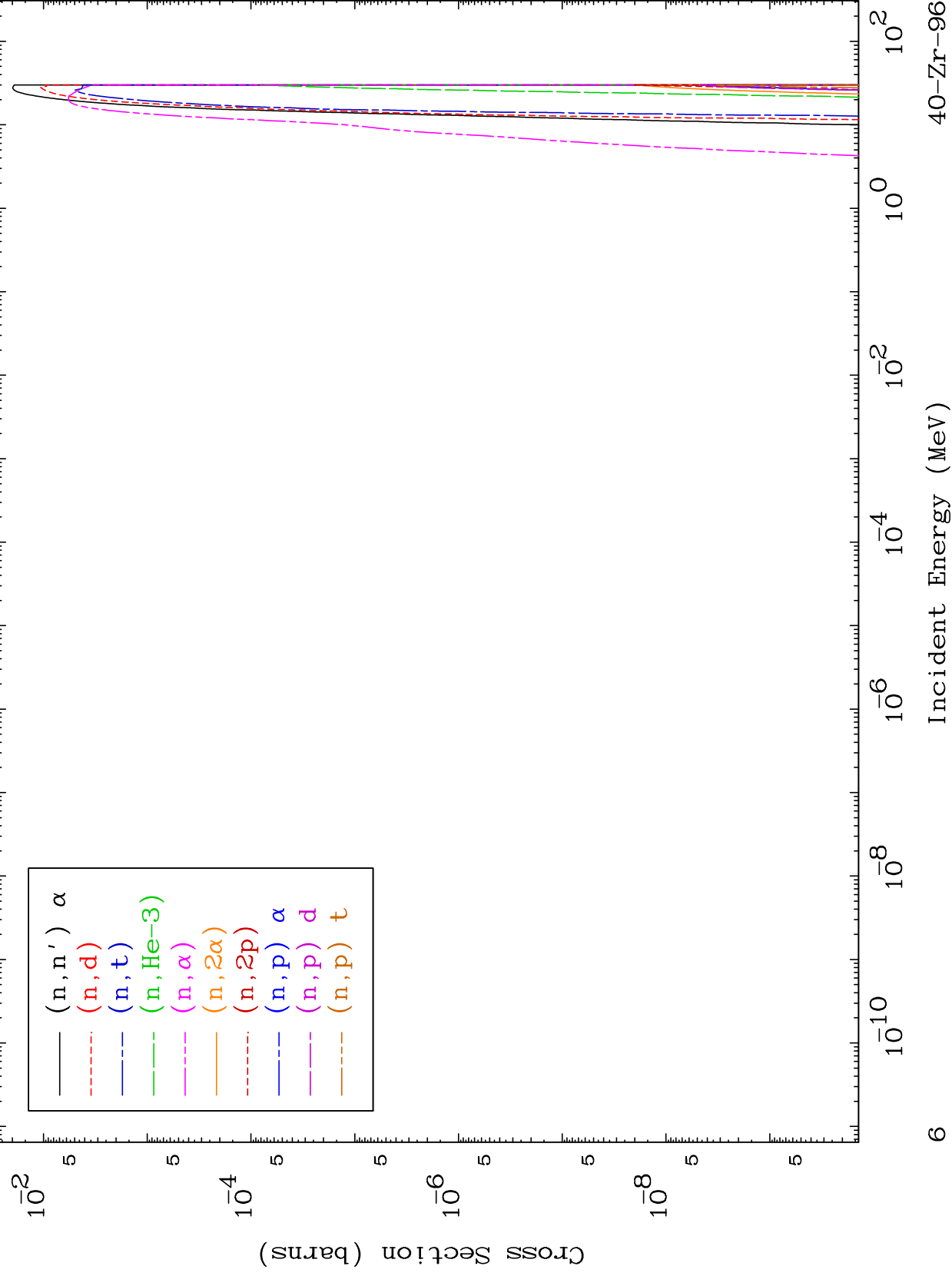




MAT 4043

Charged Particle
293 Kelvin Cross Sections

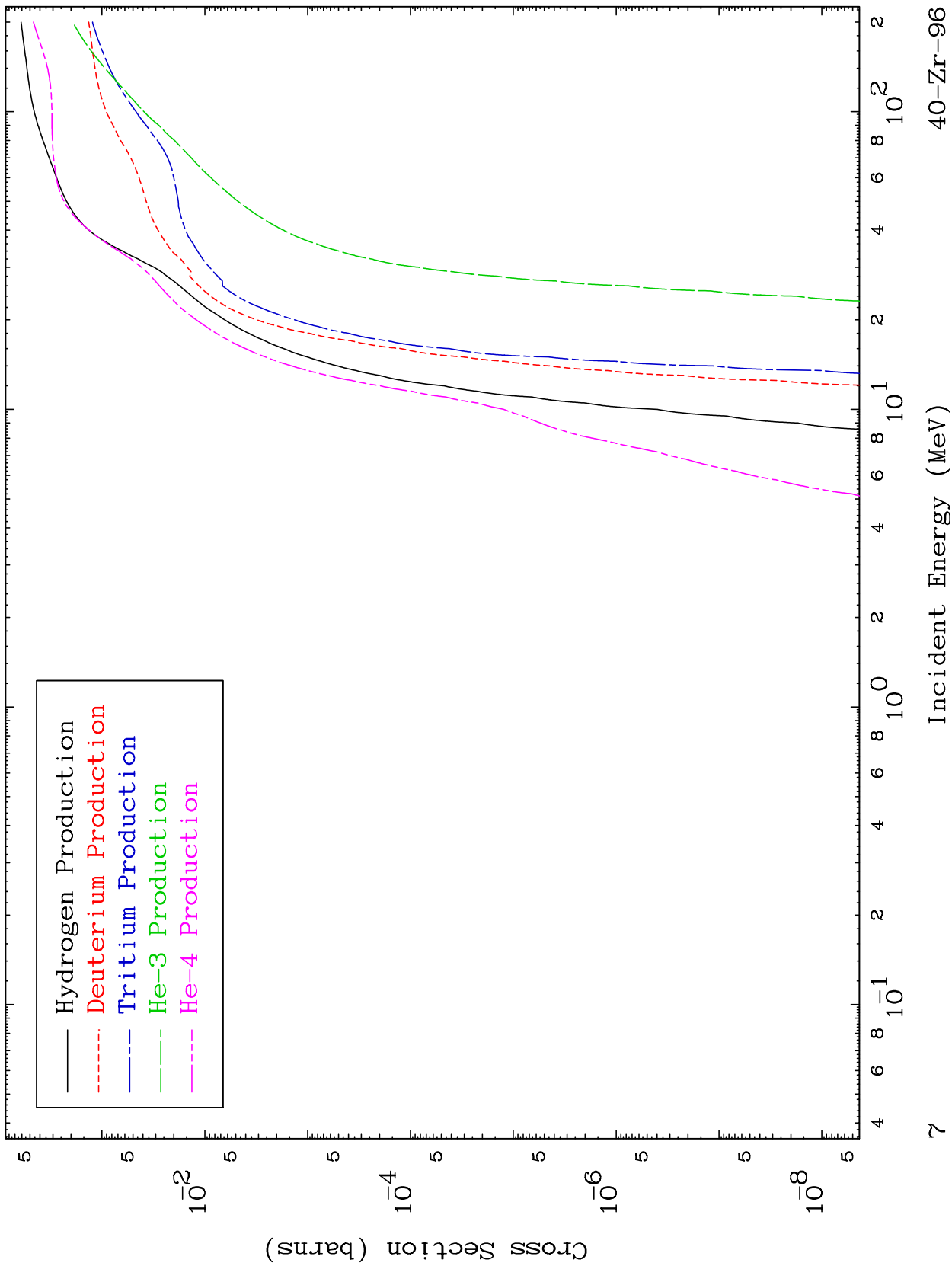
40-Zr-96



MAT 4043

Particle Production
293 Kelvin Cross Sections

40-Zr-96

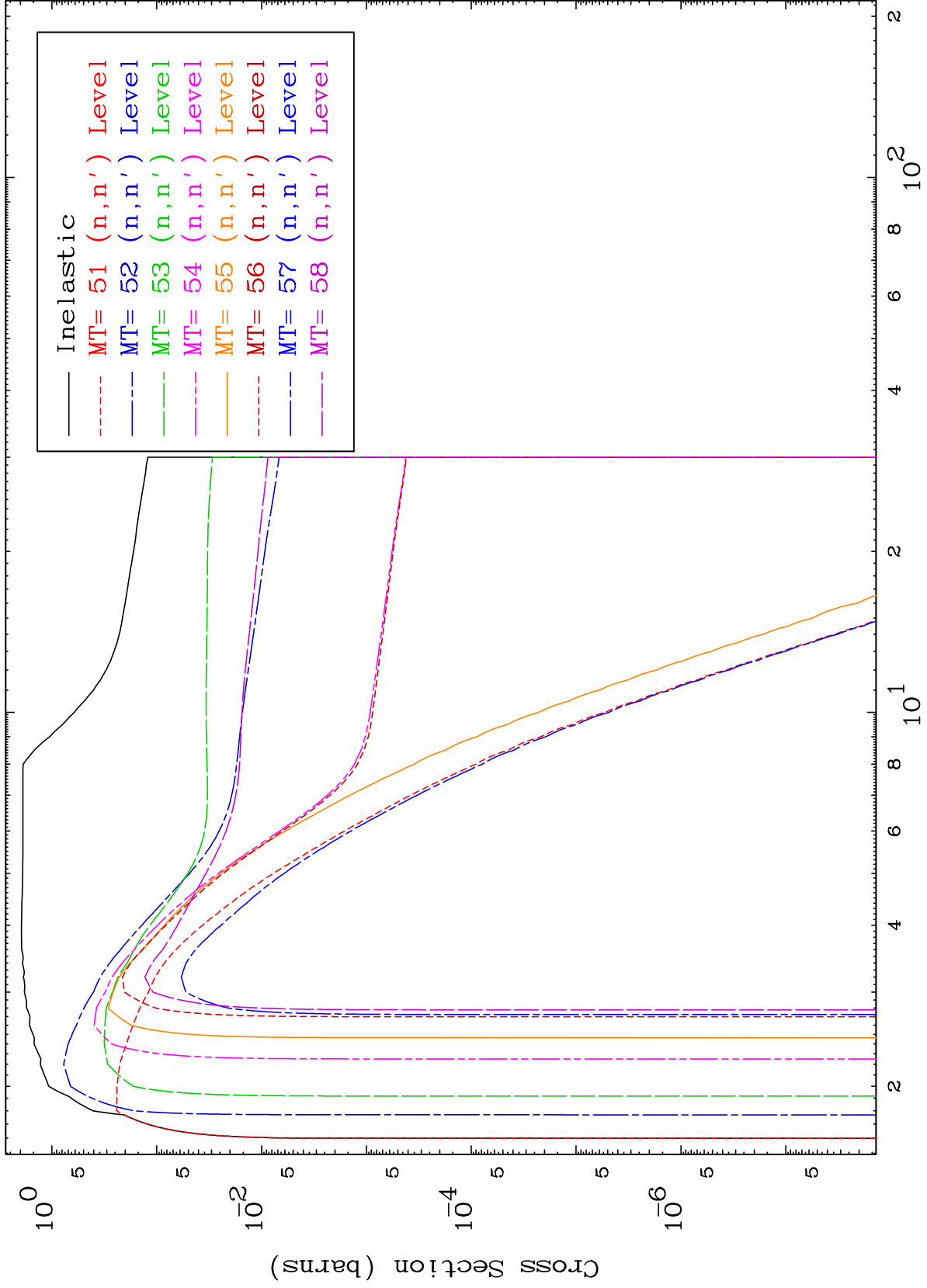


MAT 4043

(n,n') Levels

293 Kelvin Cross Sections

40-Zr-96



8

Incident Energy (MeV)

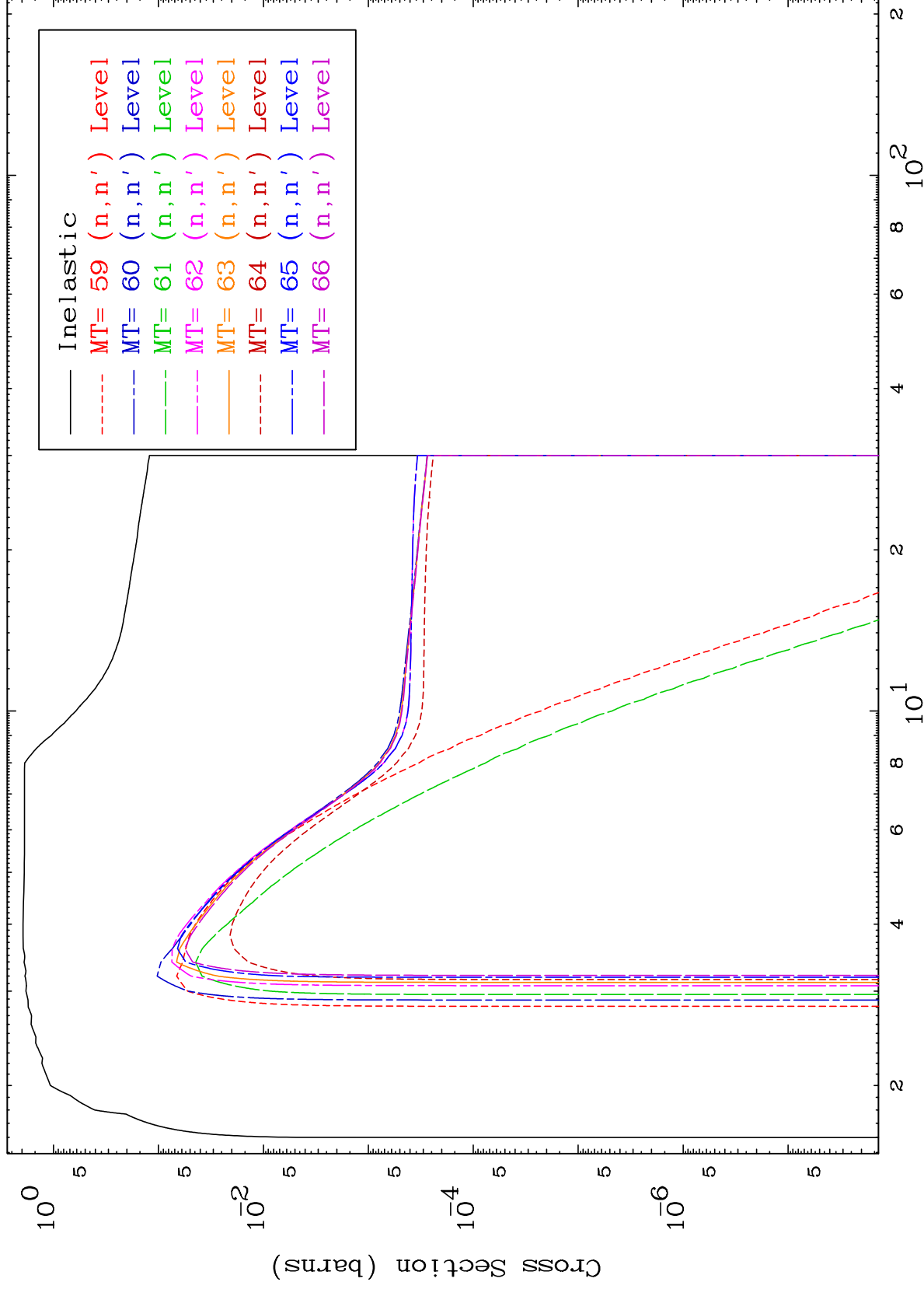
40-Zr-96

MAT 4043

(n,n') Levels

293 Kelvin Cross Sections

40-Zr-96



9

Incident Energy (MeV)

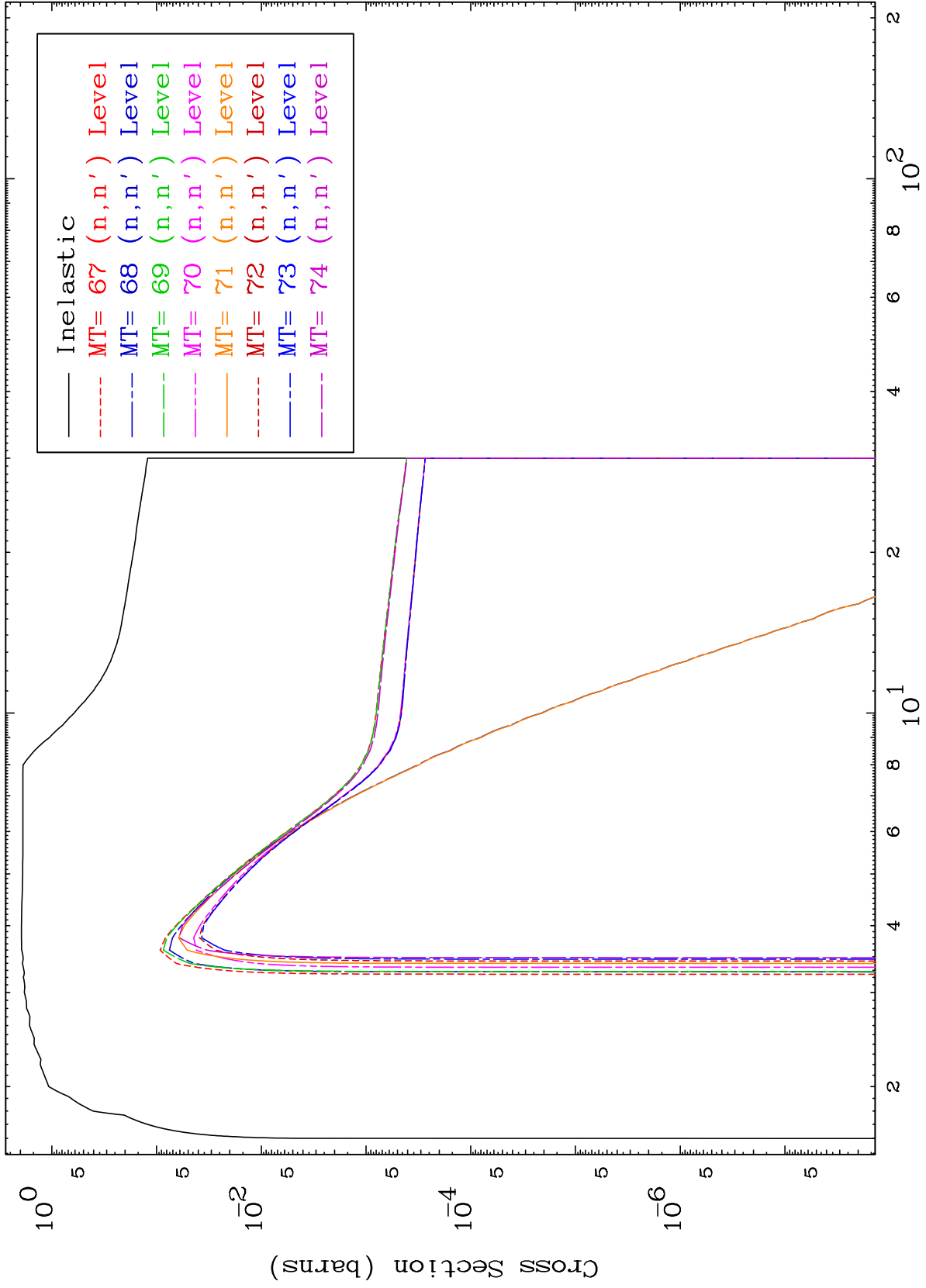
40-Zr-96

MAT 4043

(n,n') Levels

293 Kelvin Cross Sections

40-Zr-96



10

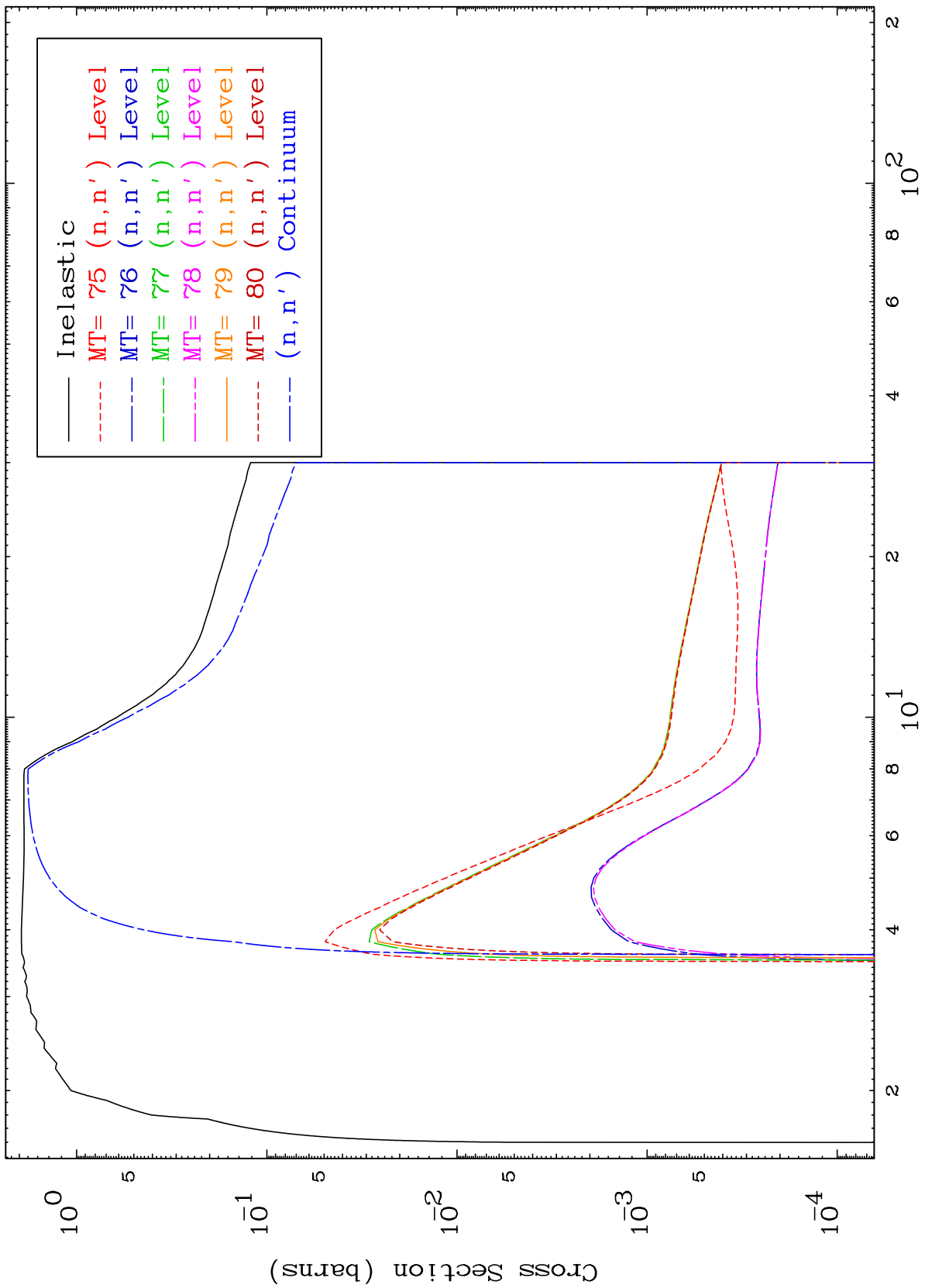
Incident Energy (MeV)

40-Zr-96

MAT 4043

(n,n') Levels
293 Kelvin Cross Sections

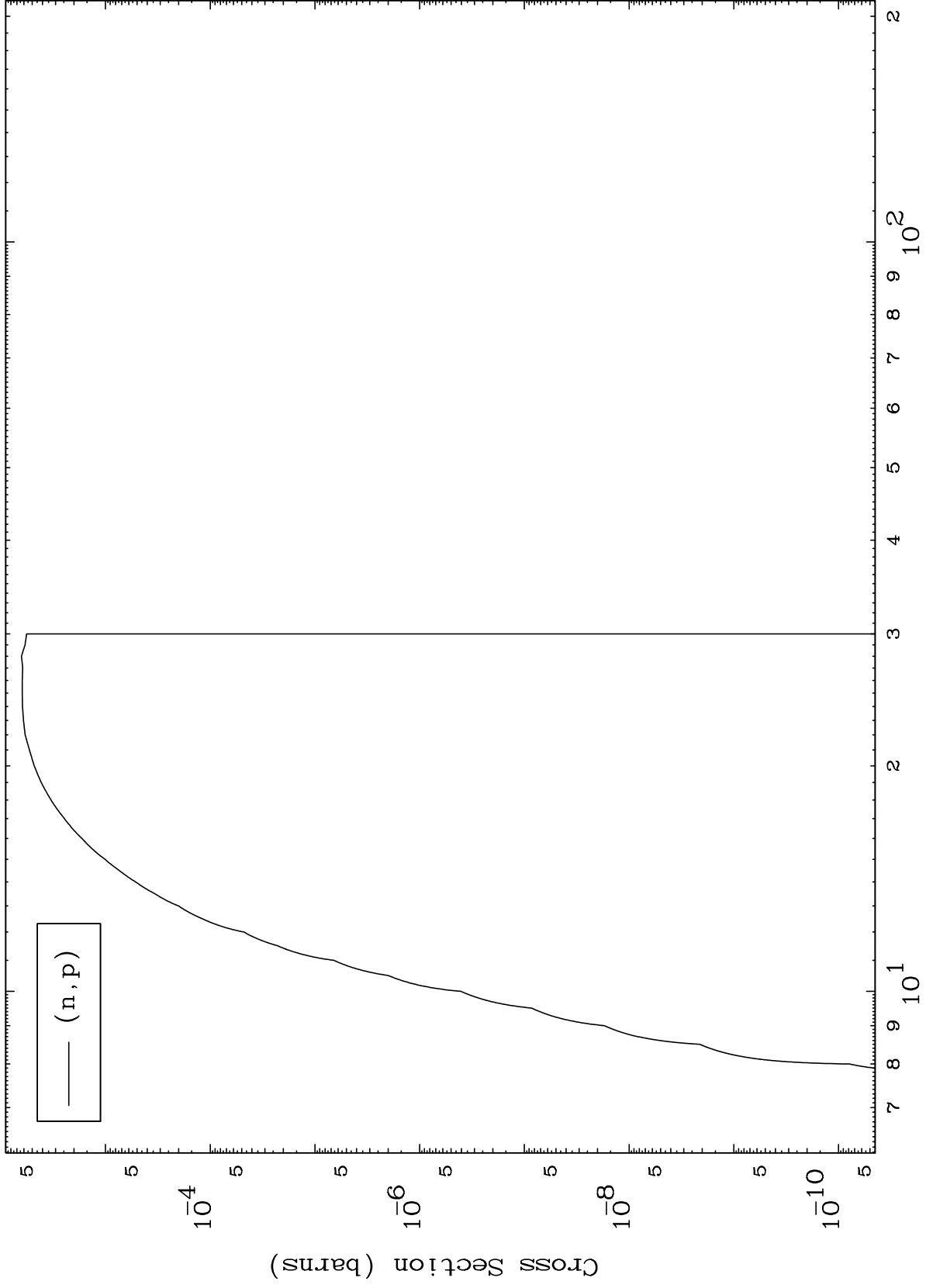
40-Zr-96



MAT 4043

(n,p) Levels
293 Kelvin Cross Sections

40-Zr-96



12

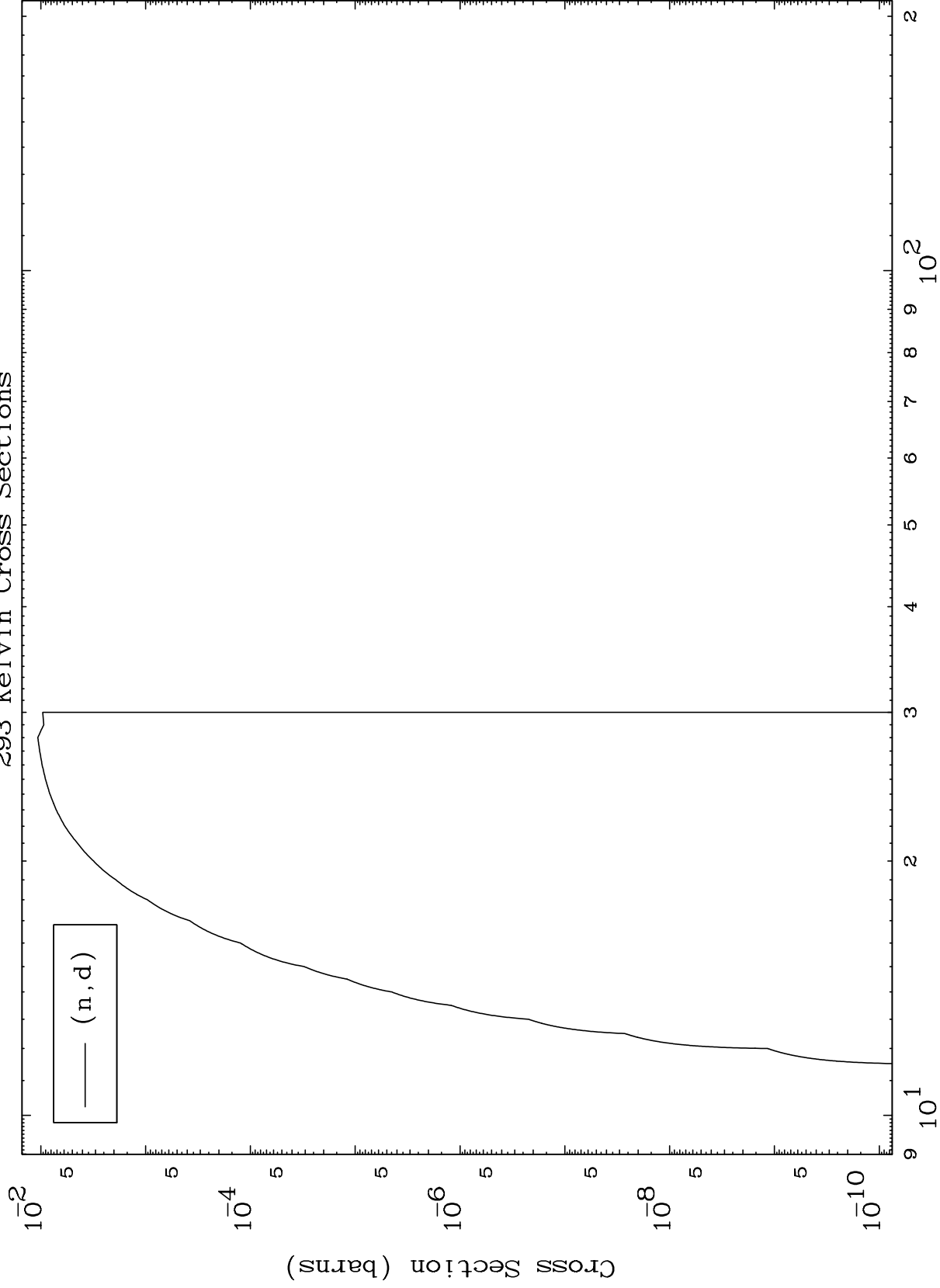
Incident Energy (MeV)

40-Zr-96

MAT 4043

(n,d) Levels
293 Kelvin Cross Sections

40-Zr-96



13

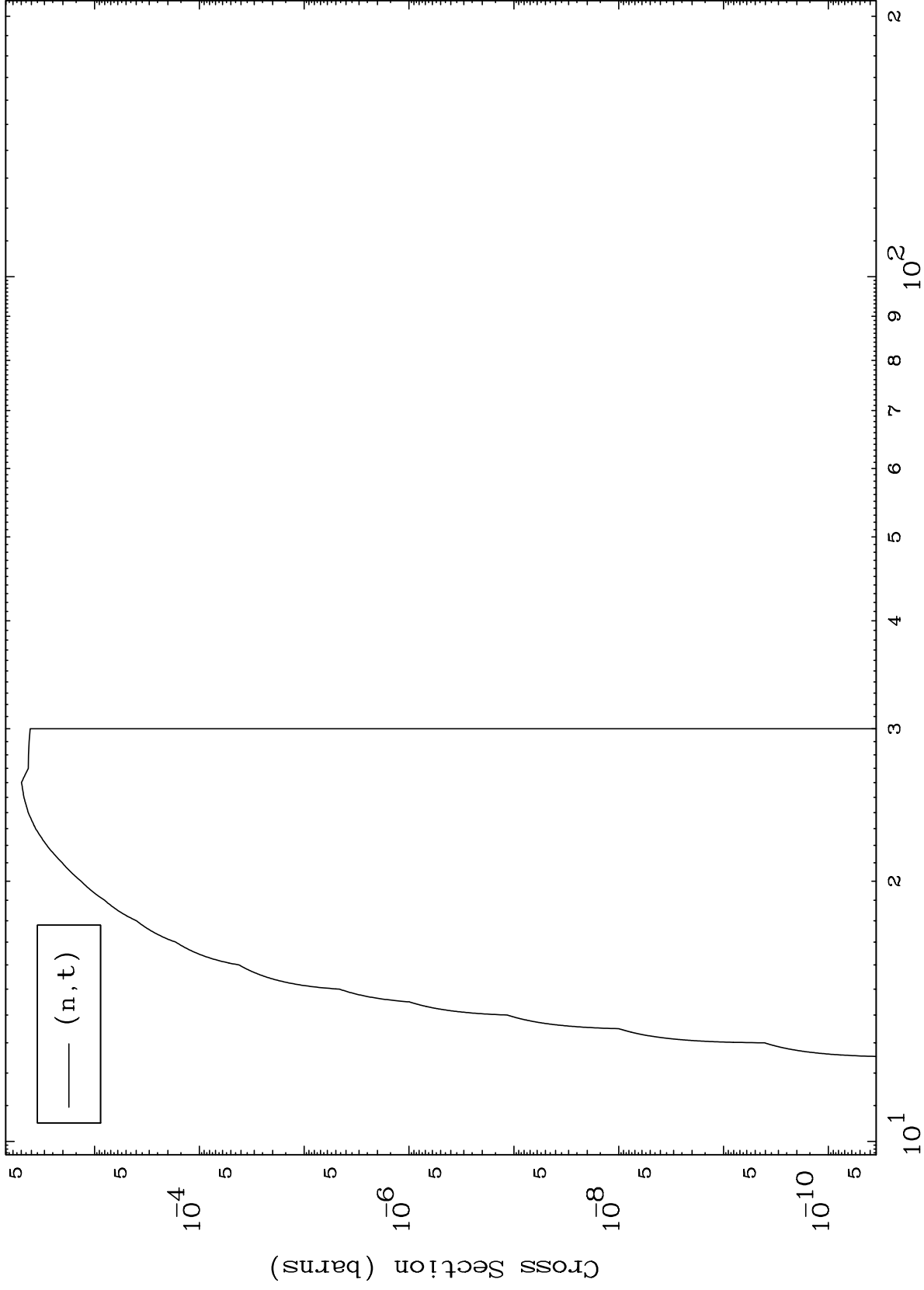
Incident Energy (MeV)

40-Zr-96

MAT 4043

(n,t) Levels
293 Kelvin Cross Sections

40-Zr-96



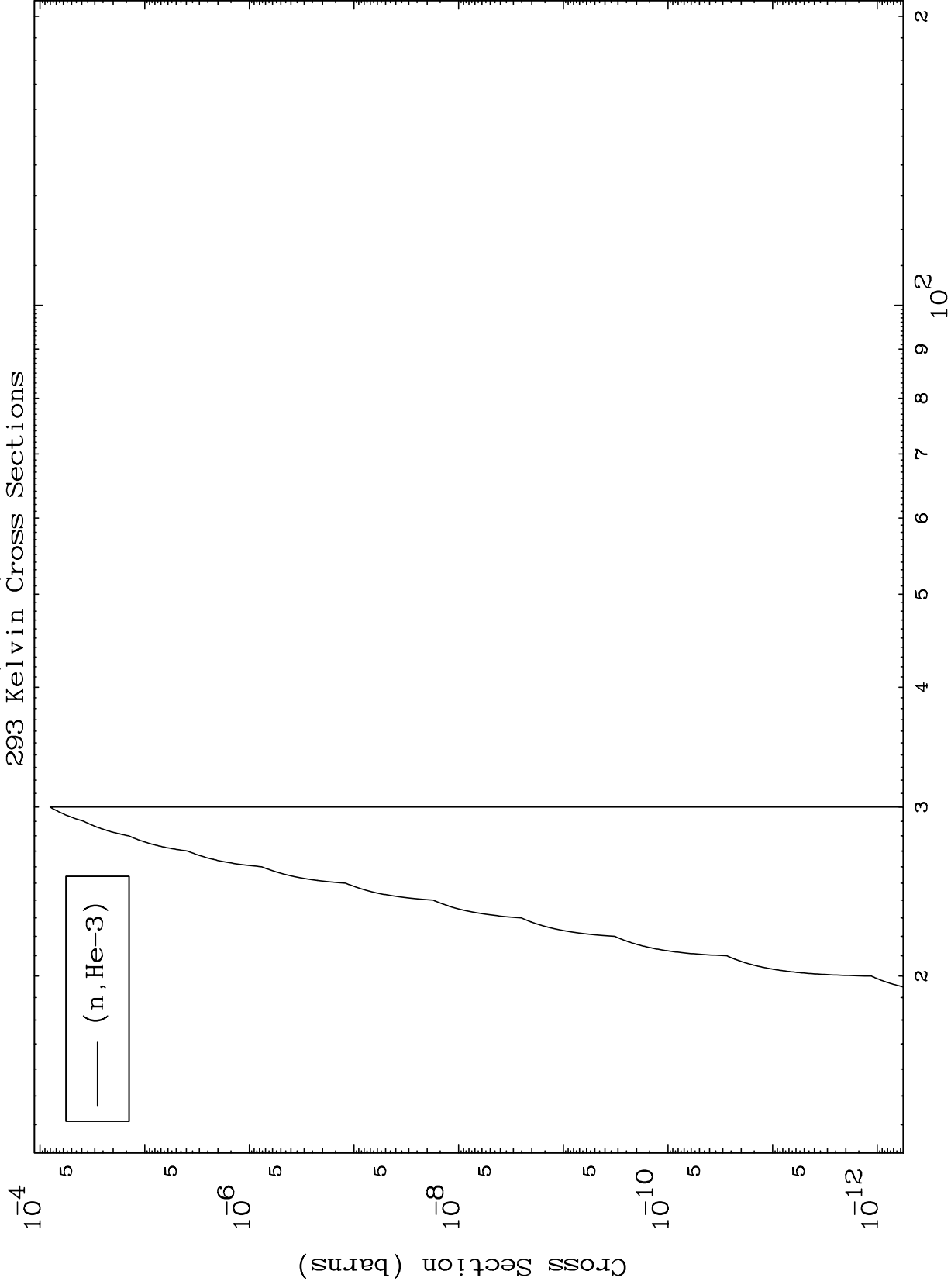
Incident Energy (MeV)

40-Zr-96

MAT 4043

(n,He3) Levels
293 Kelvin Cross Sections

40-Zr-96



15

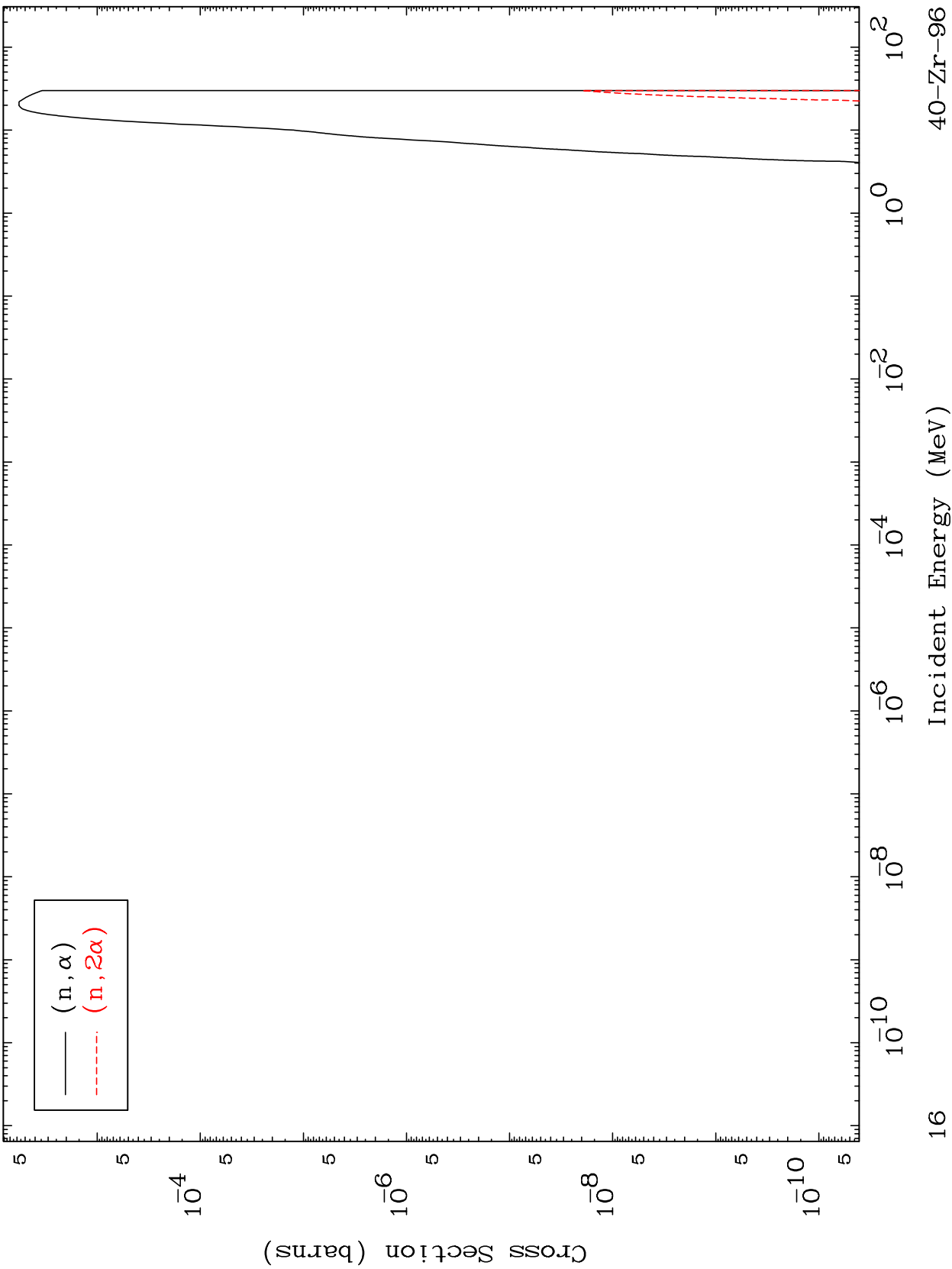
Incident Energy (MeV)

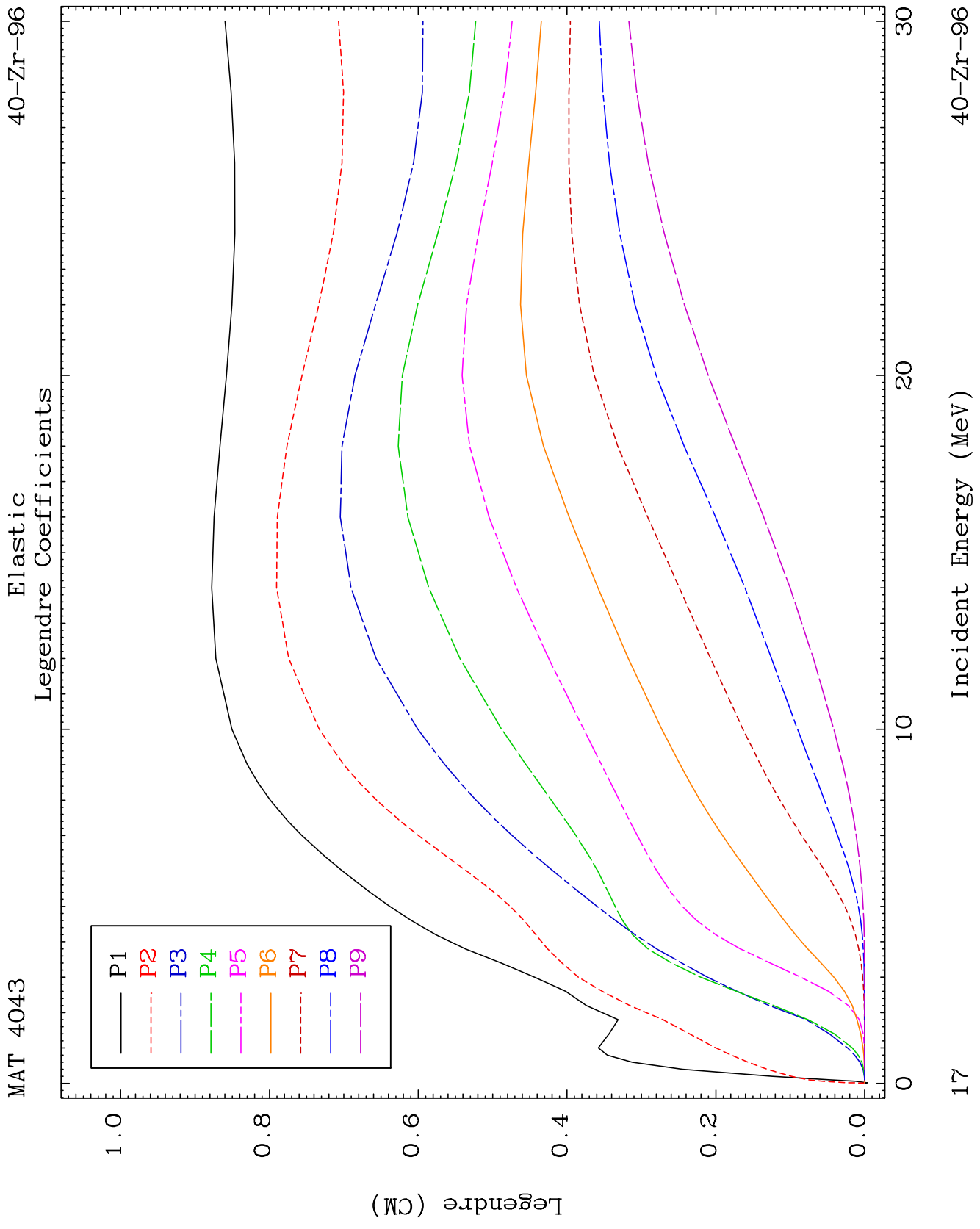
40-Zr-96

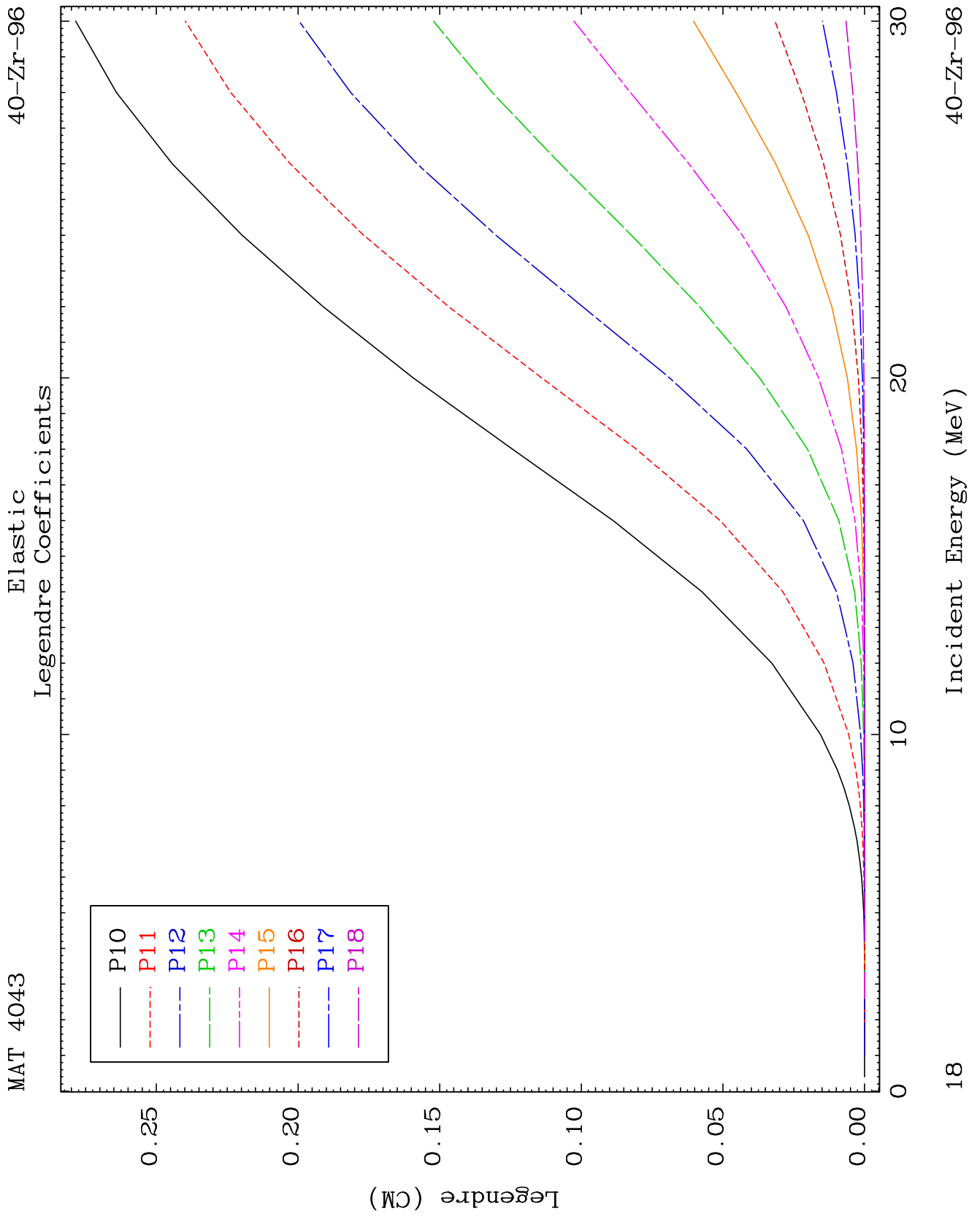
MAT 4043

(n, α) Levels
293 Kelvin Cross Sections

40-Zr-96



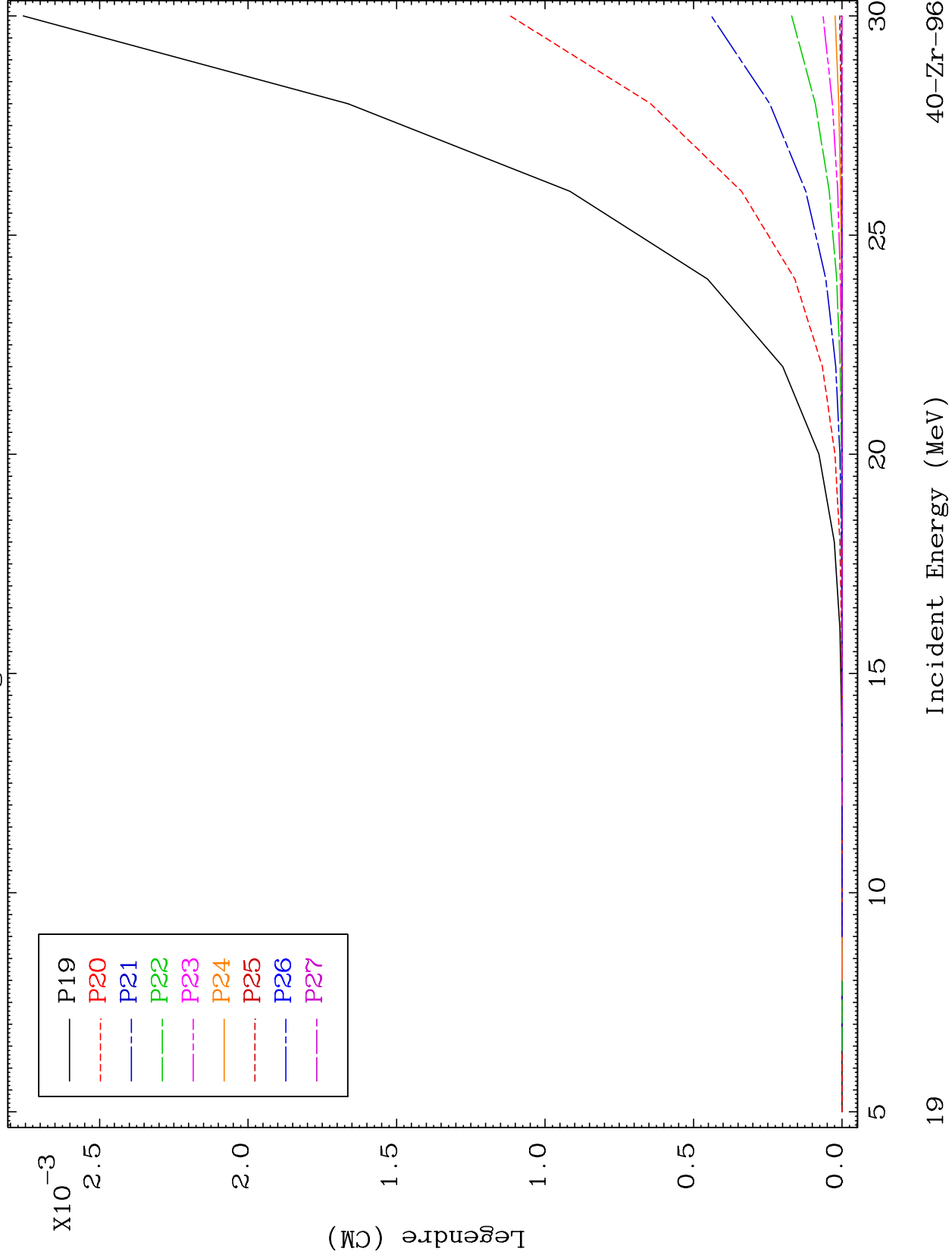


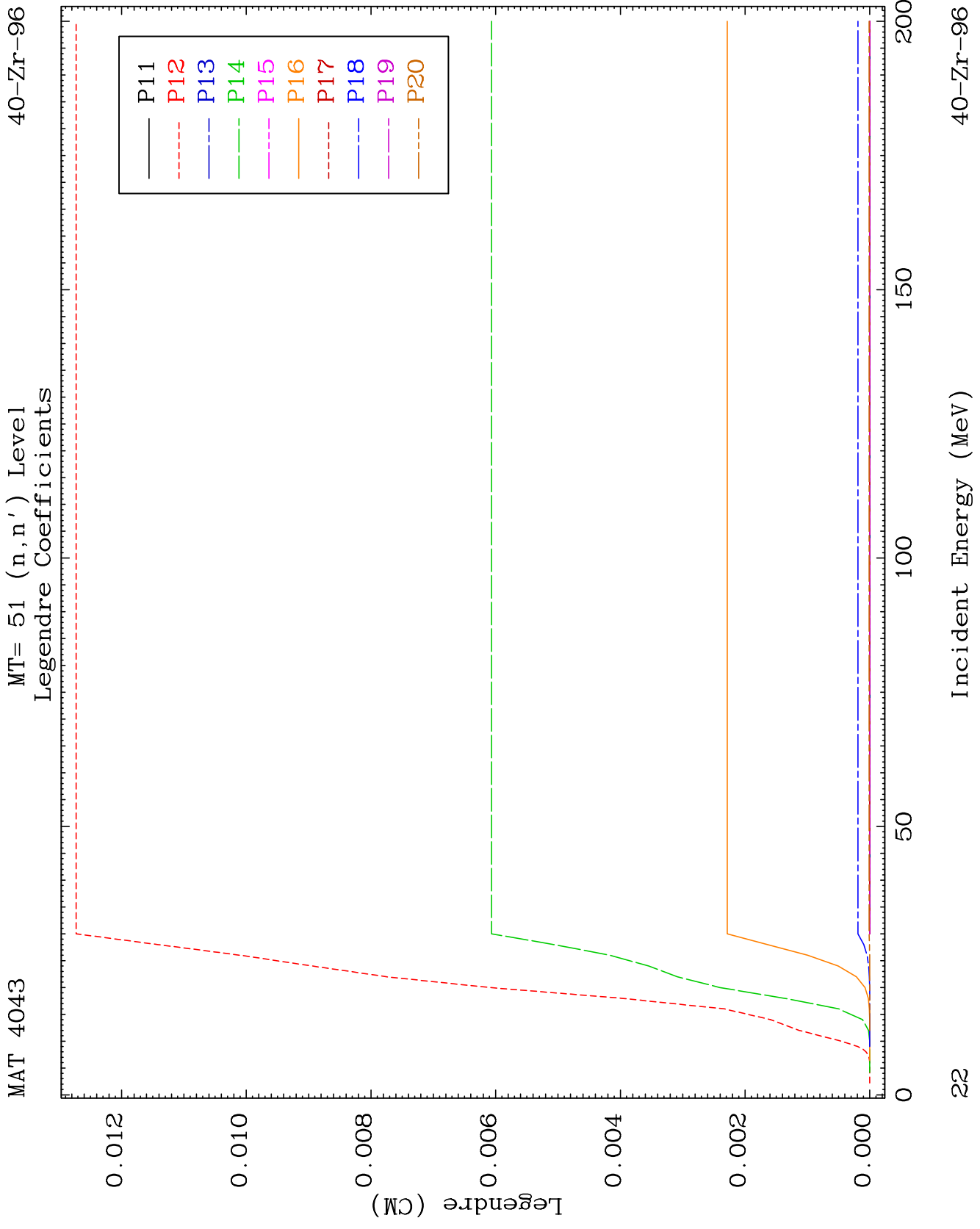


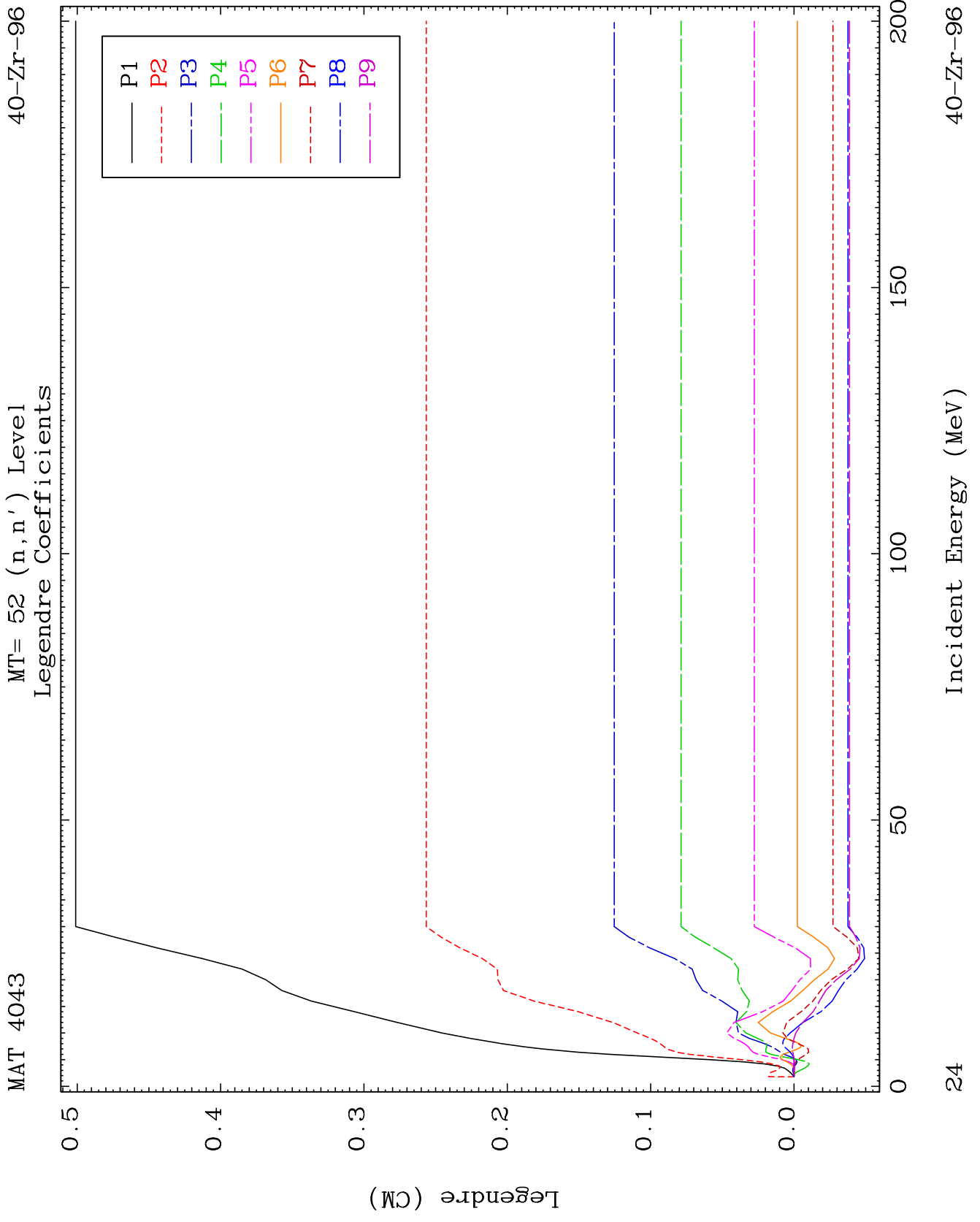
MAT 4043

Elastic
Legendre Coefficients

40-Zr-96



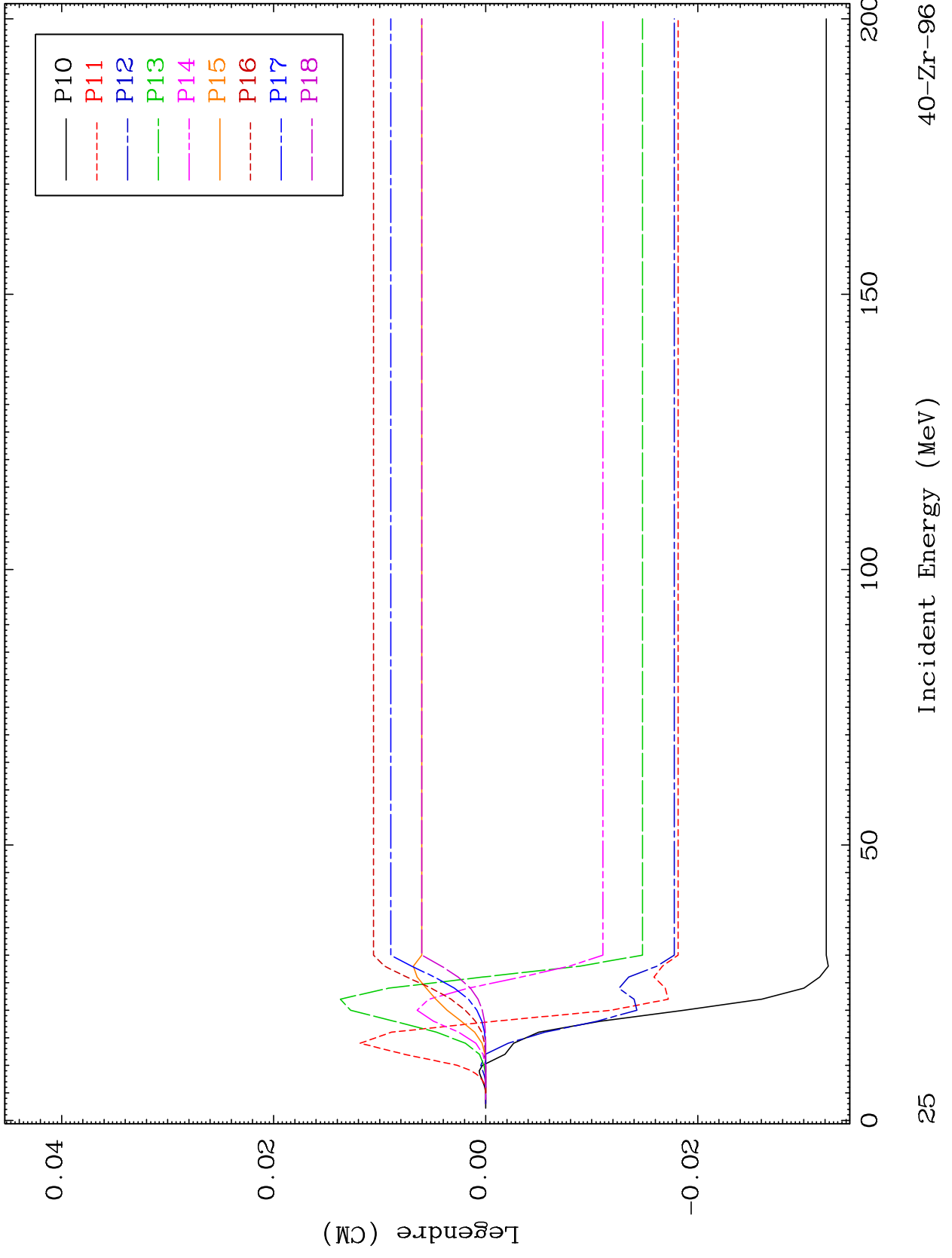


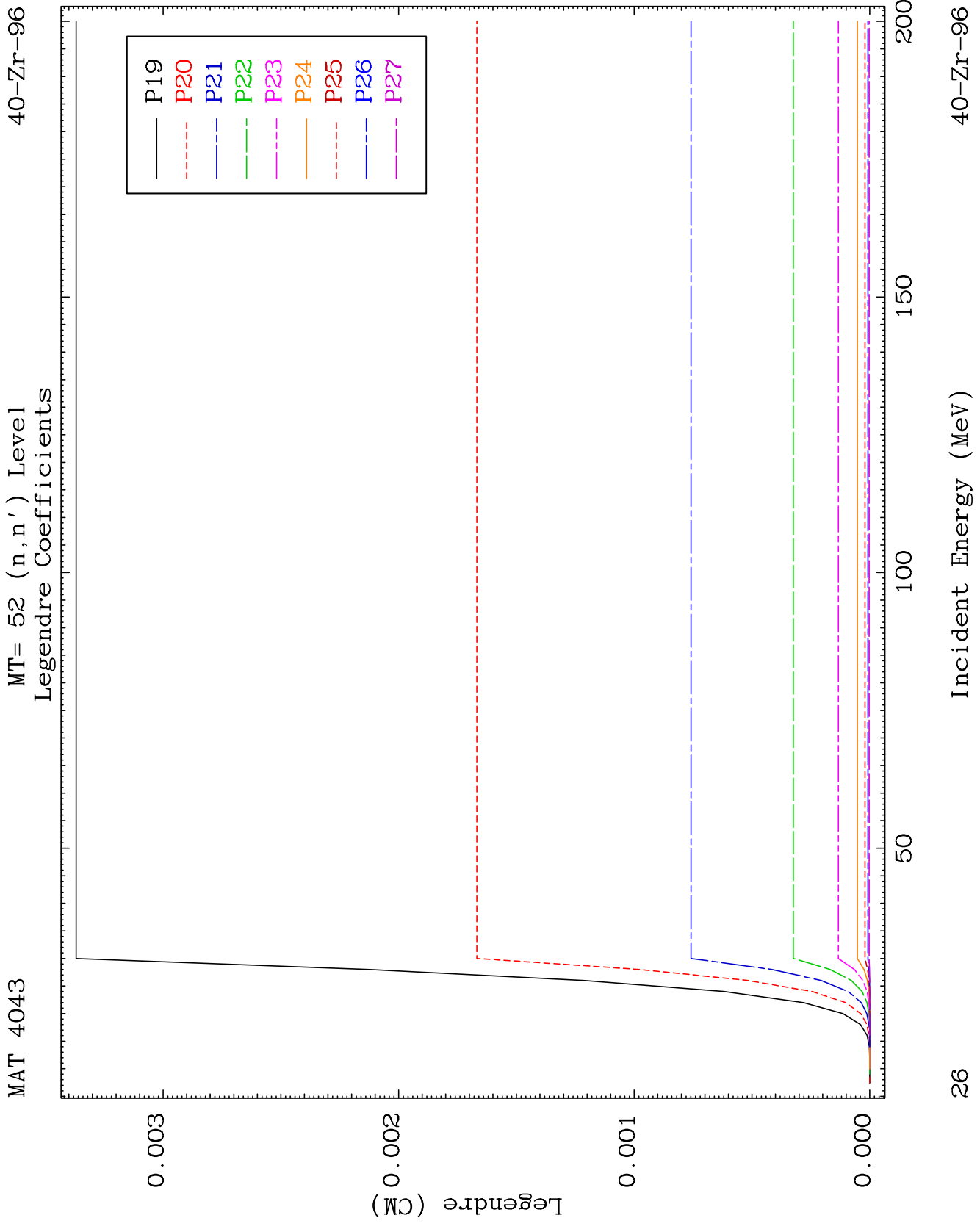


MAT 4043

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

40-Zr-96

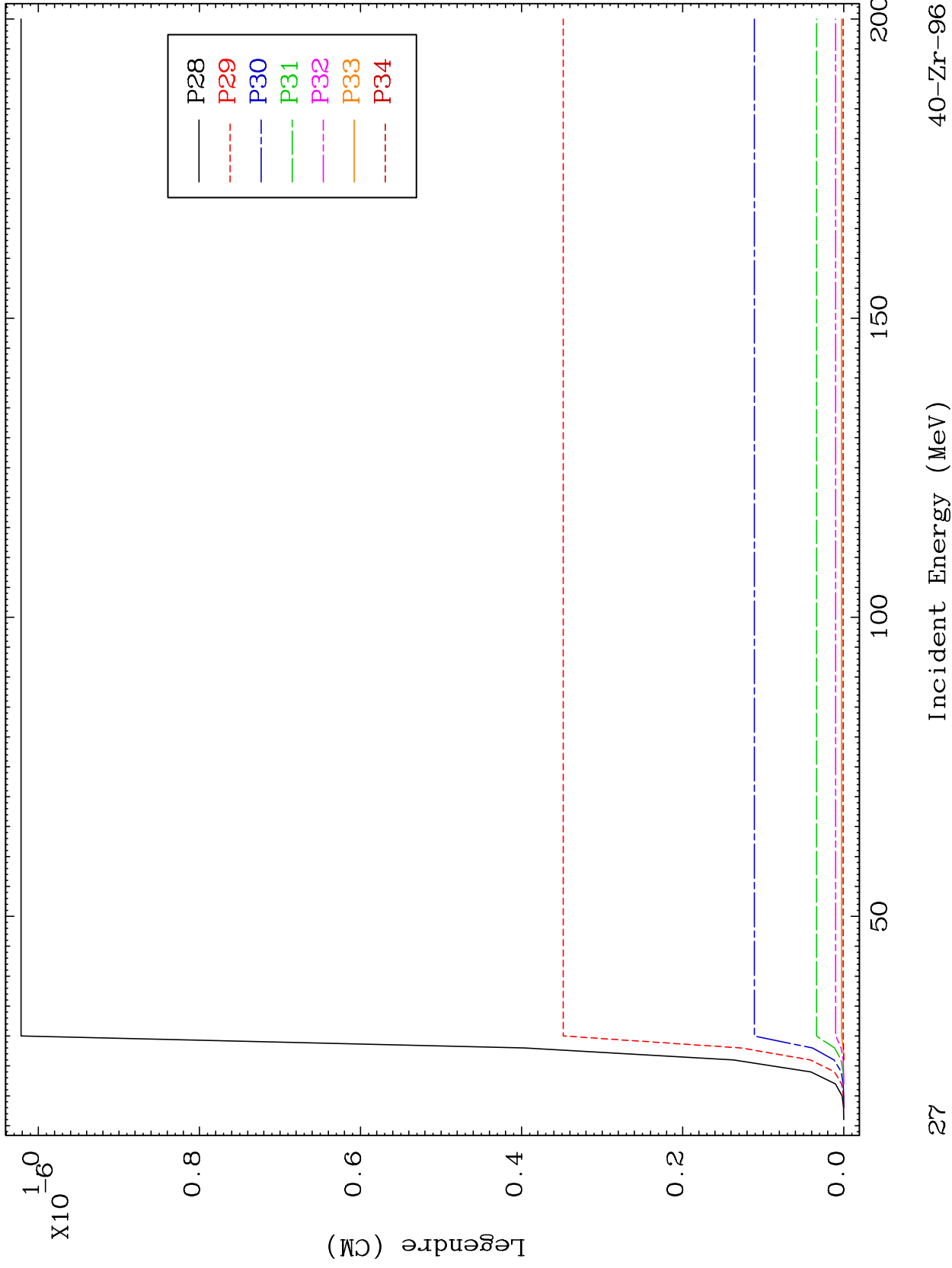




MAT 4043

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

40-Zr-96

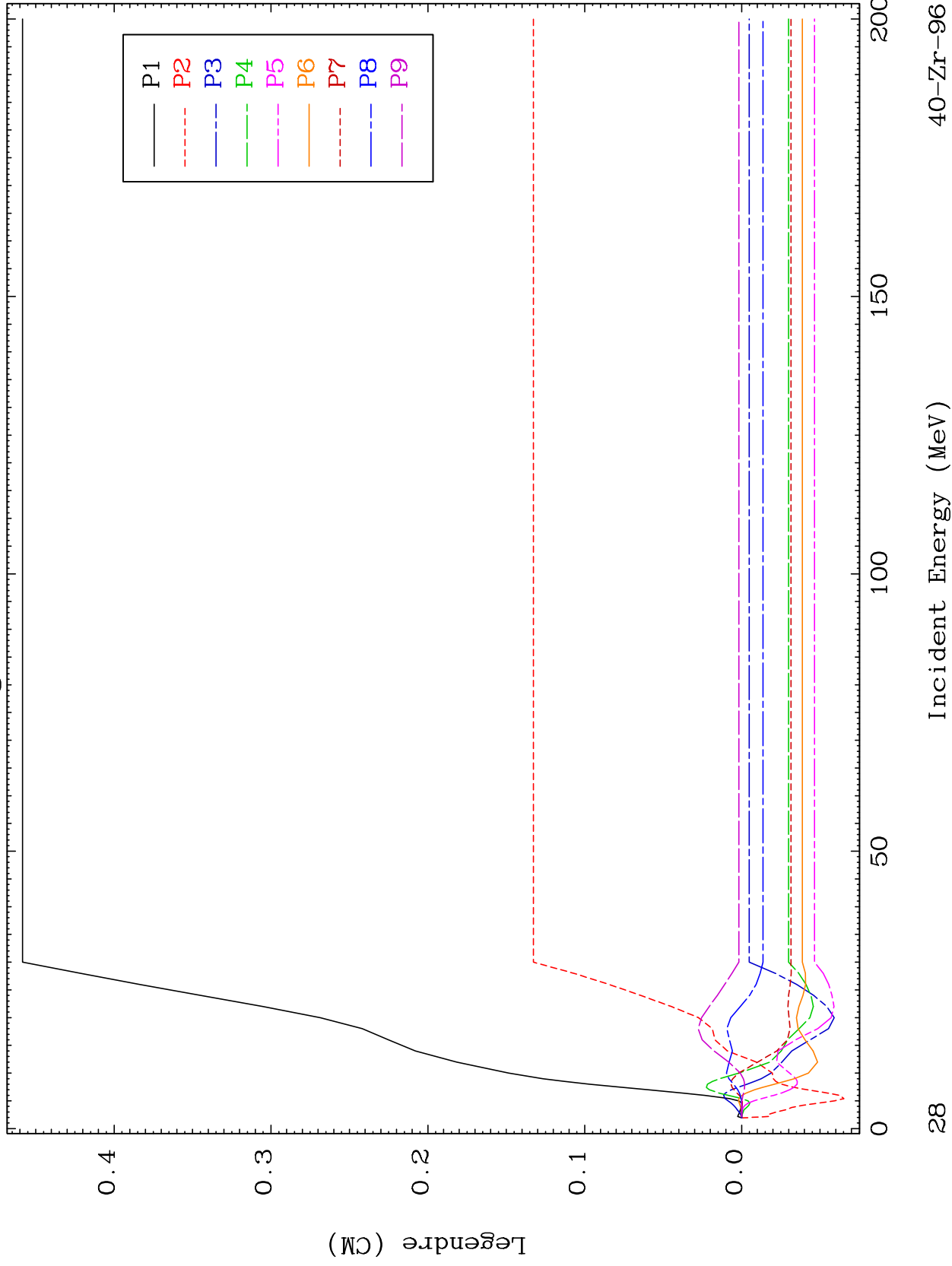


27

MAT 4043

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

40-Zr-96



40-Zr-96

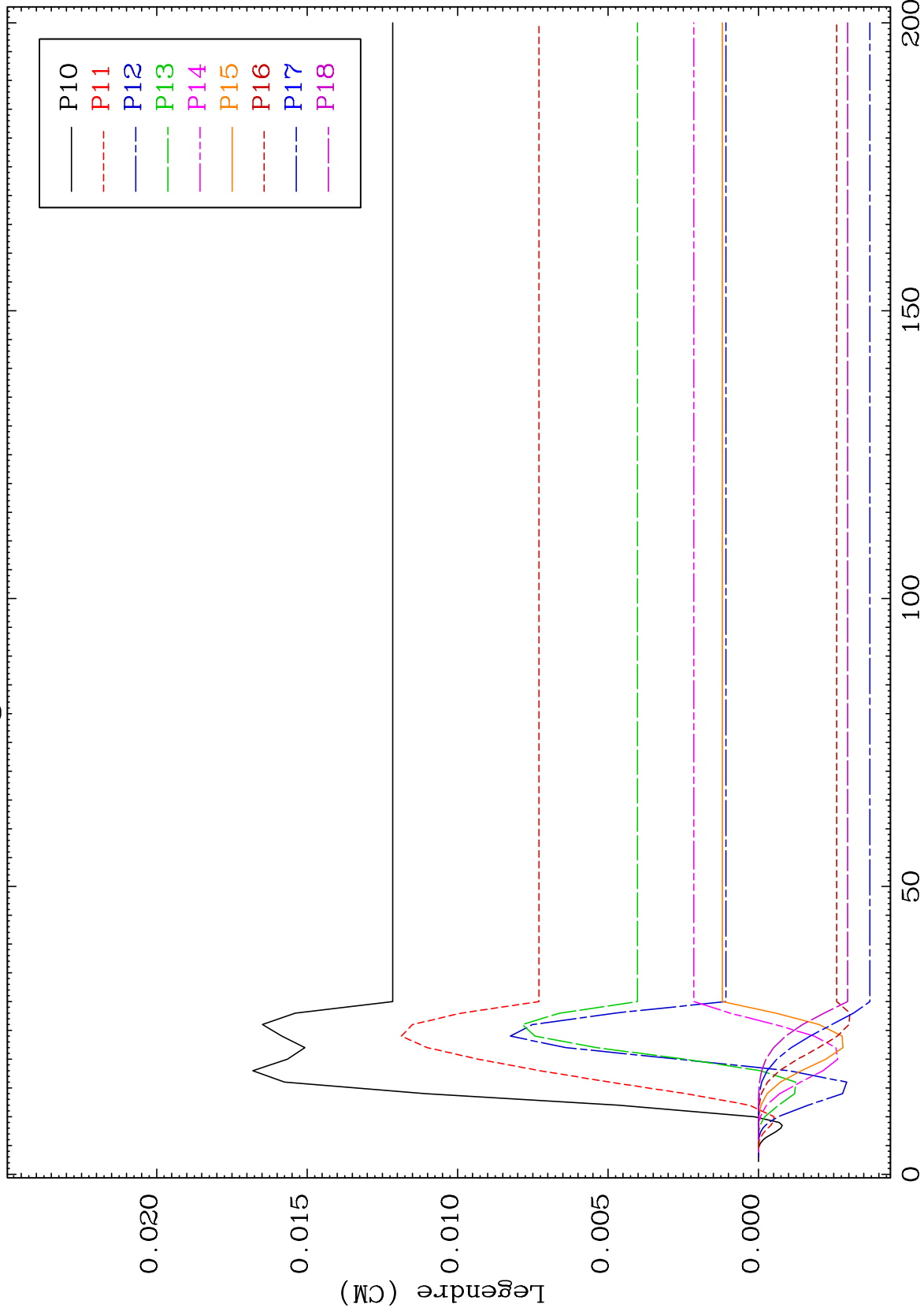
Incident Energy (MeV)

28

MAT 4043

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

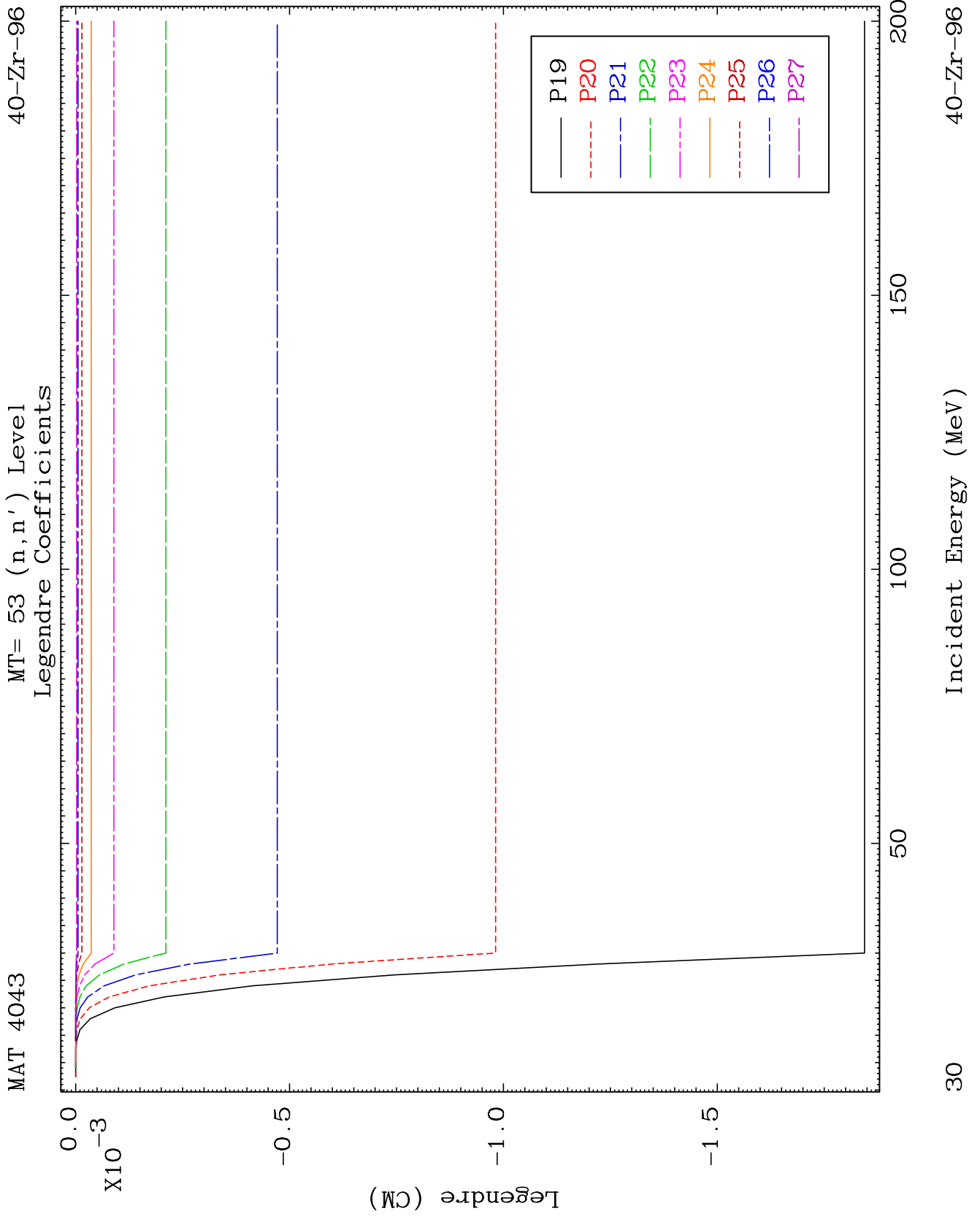
40-Zr-96

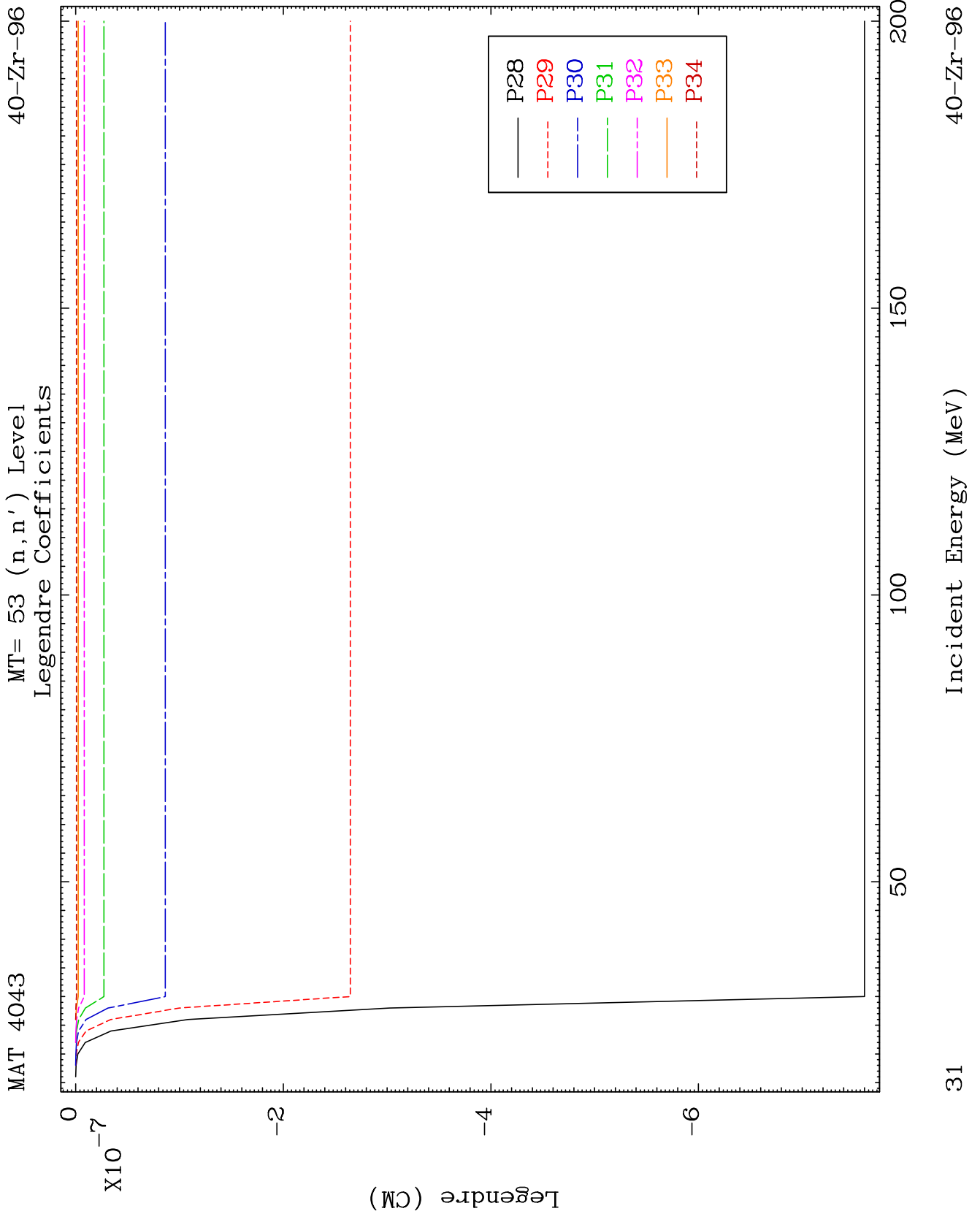


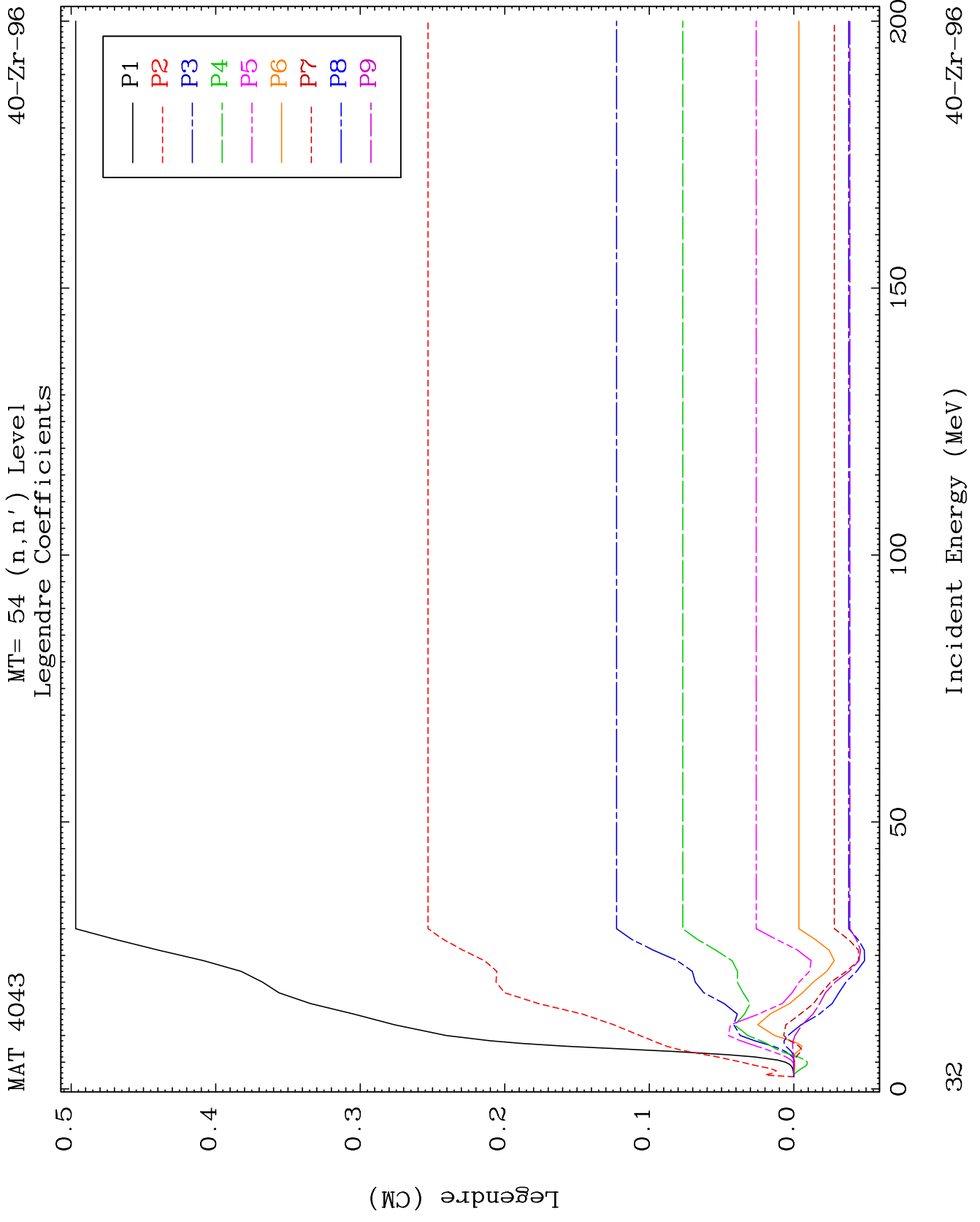
29

Incident Energy (MeV)

40-Zr-96



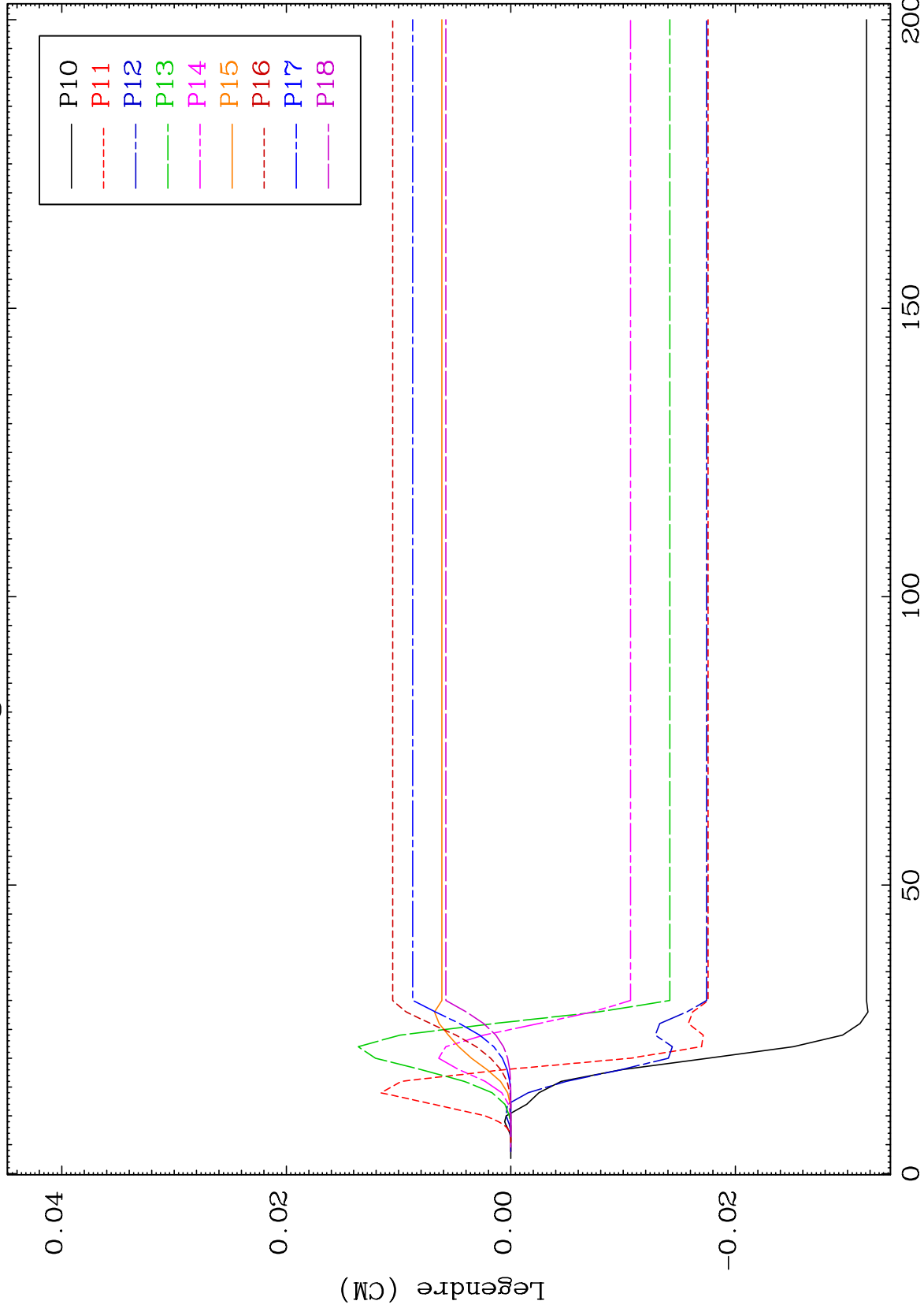




MAT 4043

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

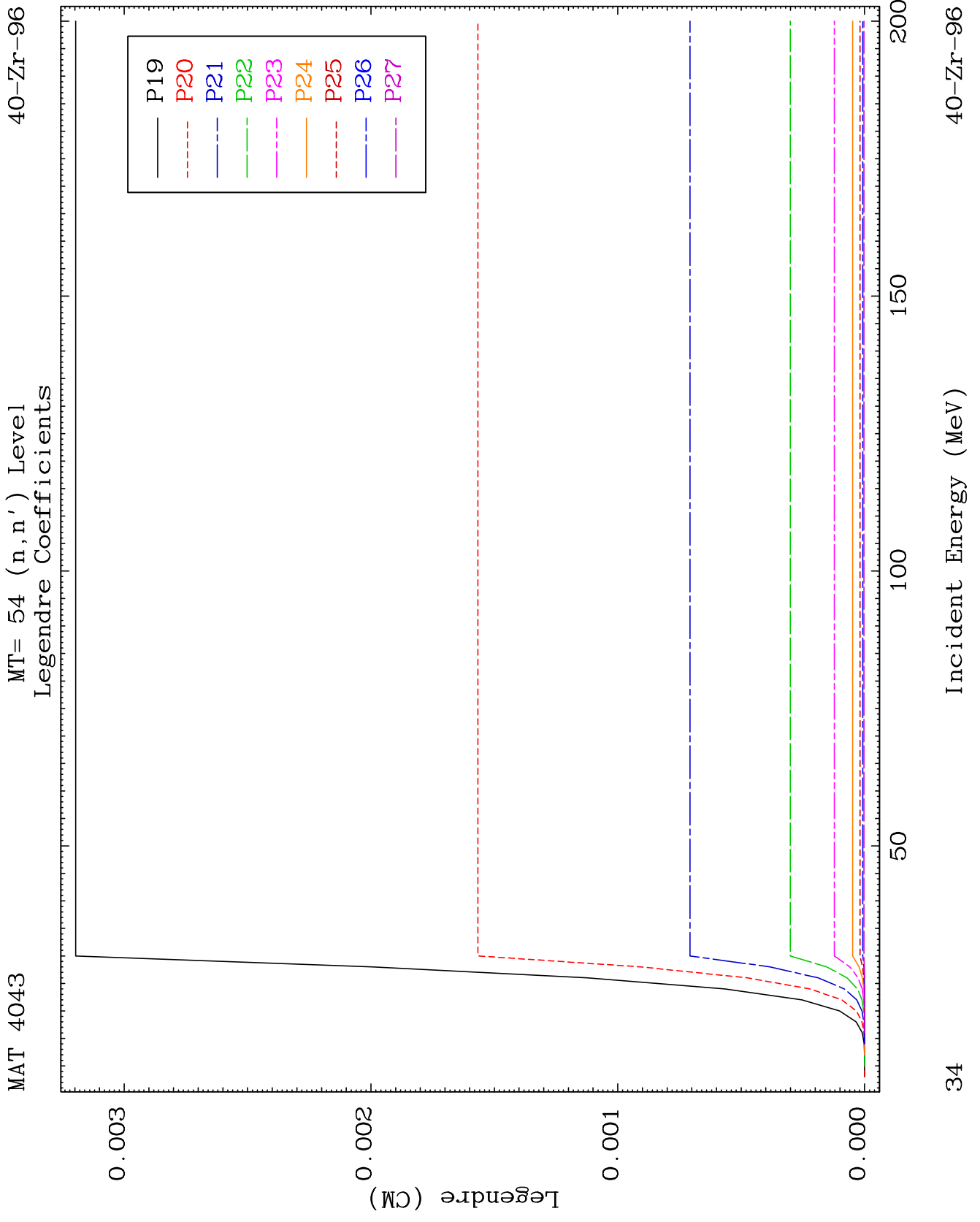
40-Zr-96



33

Incident Energy (MeV)

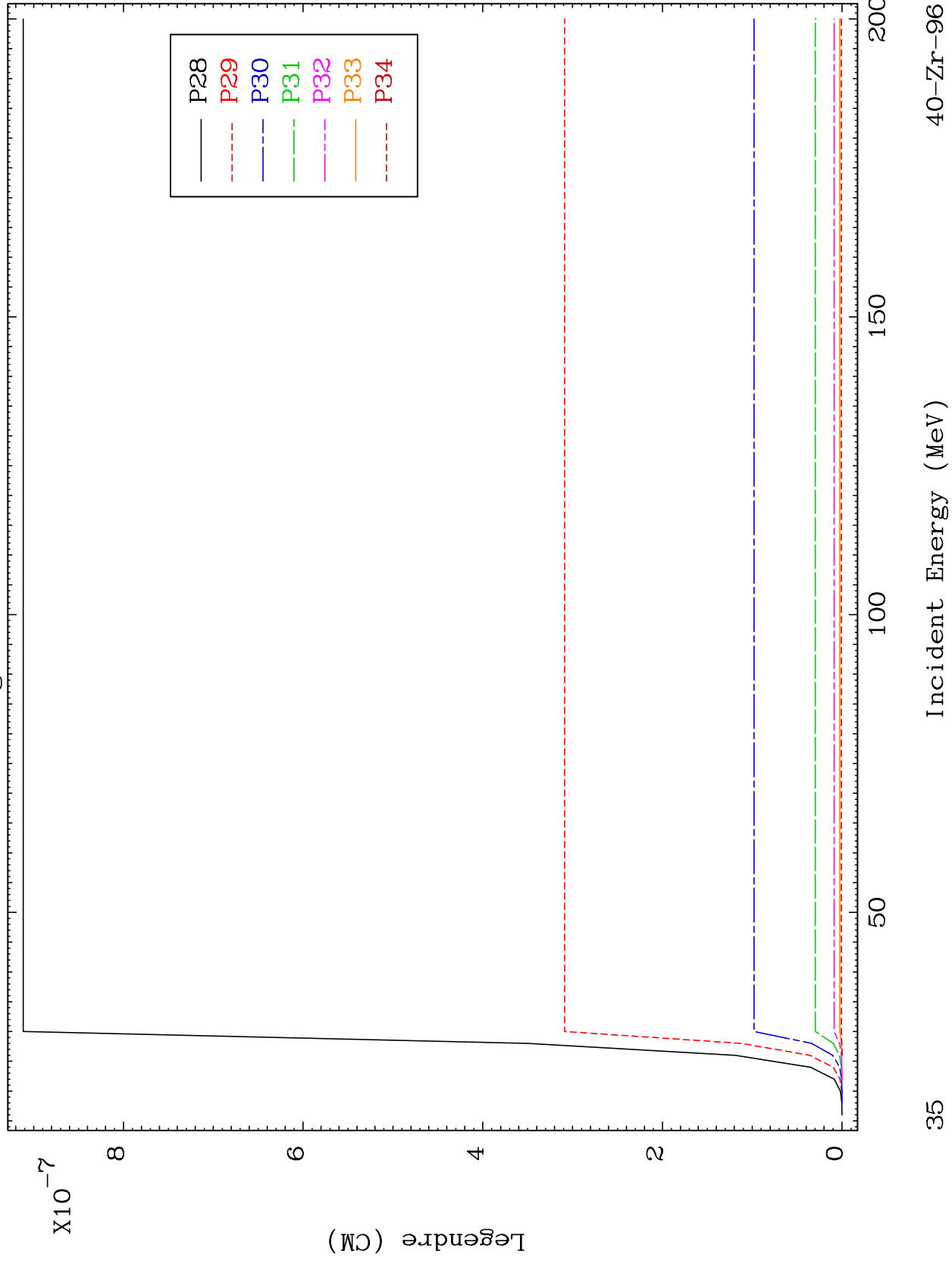
40-Zr-96

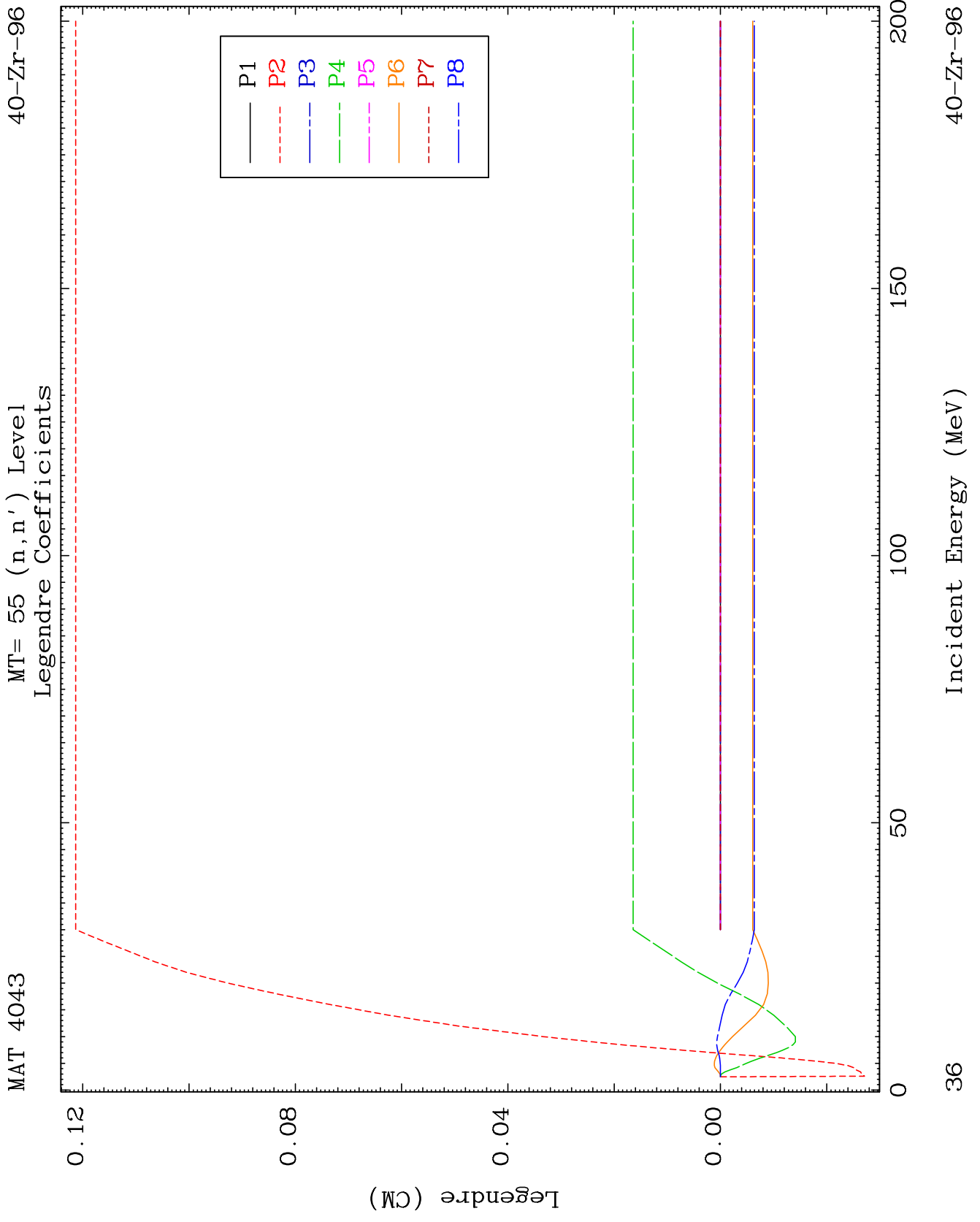


MAT 4043

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

40-Zr-96

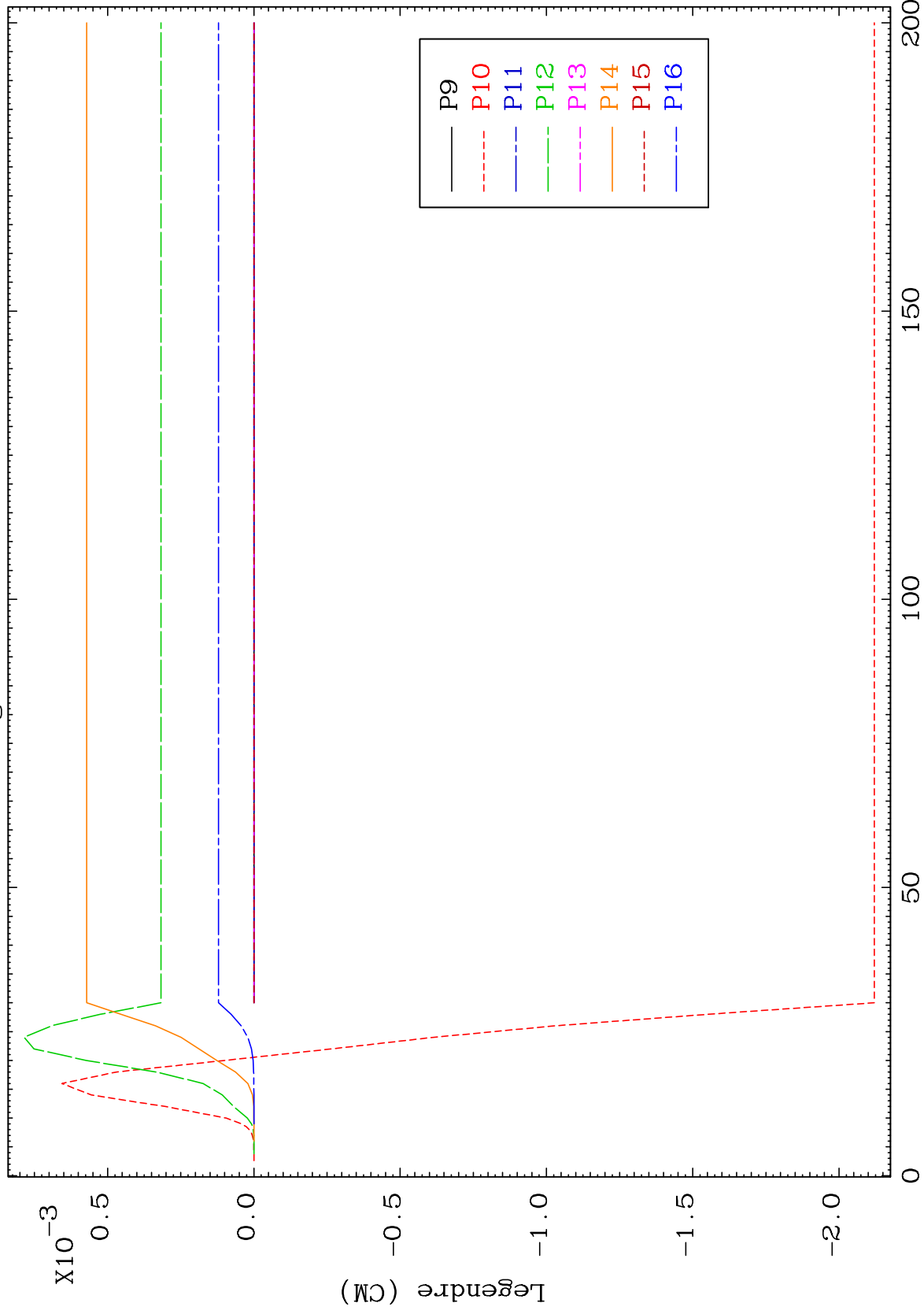




MAT 4043

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

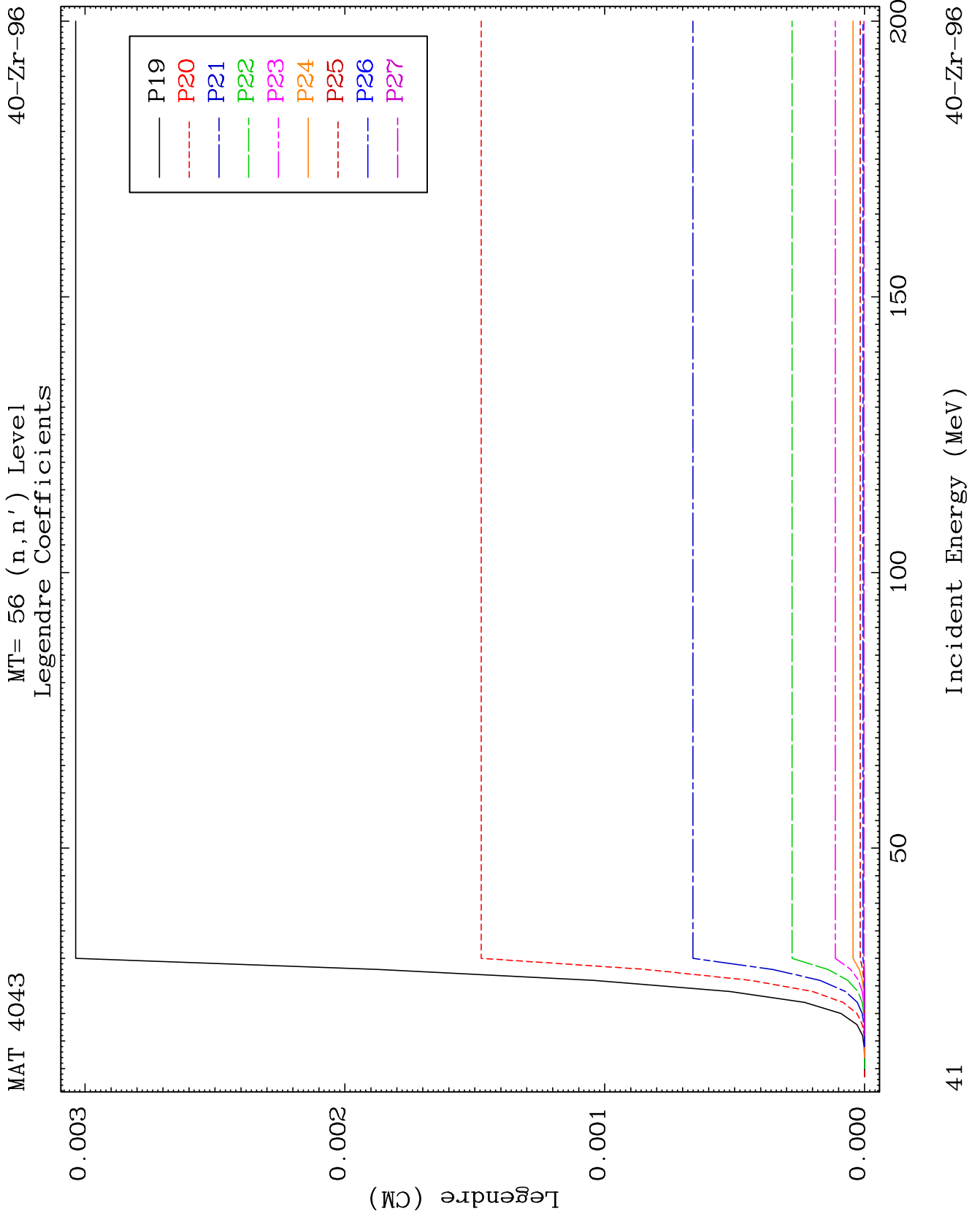
40-Zr-96



37

Incident Energy (MeV)

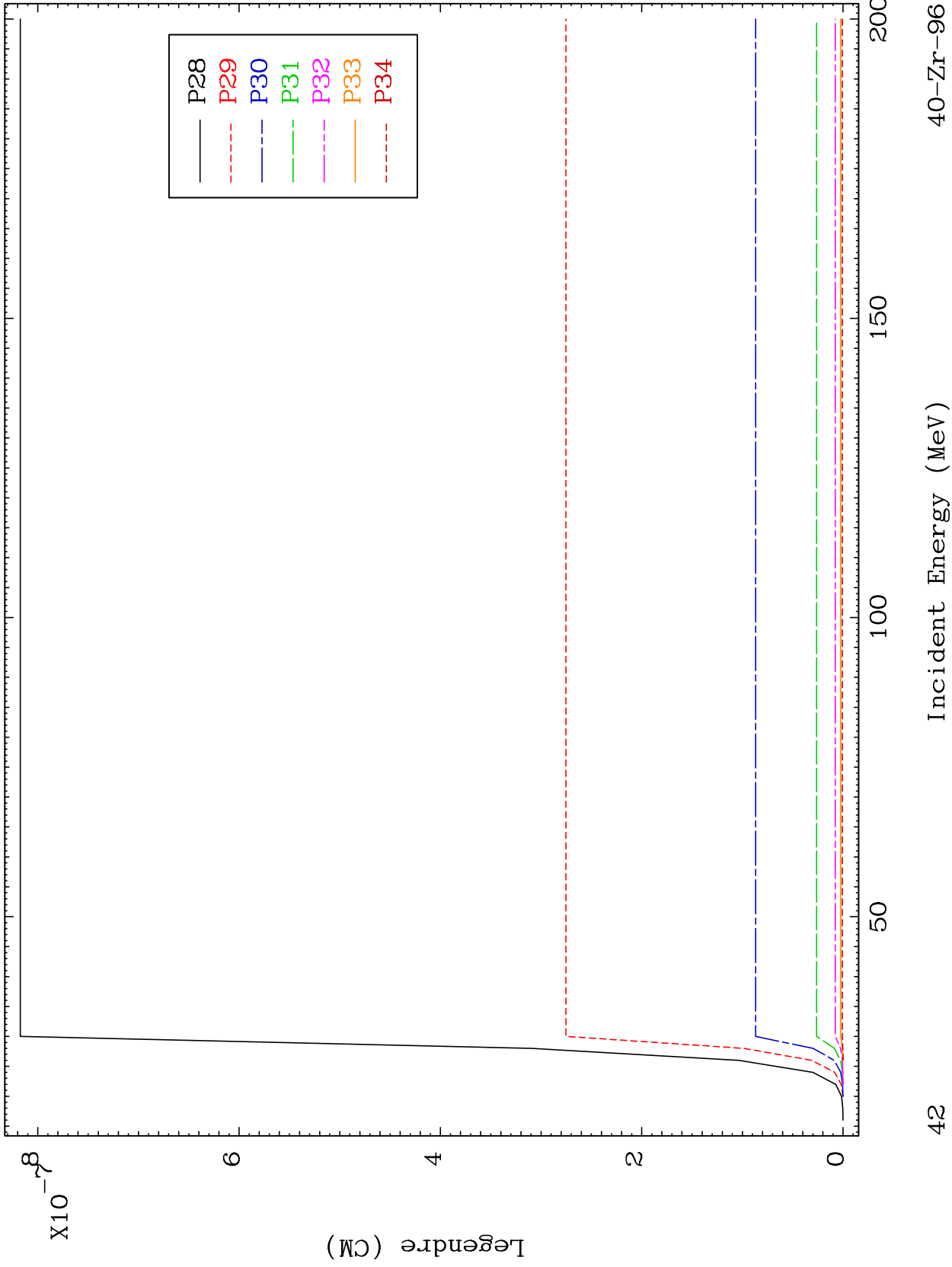
40-Zr-96

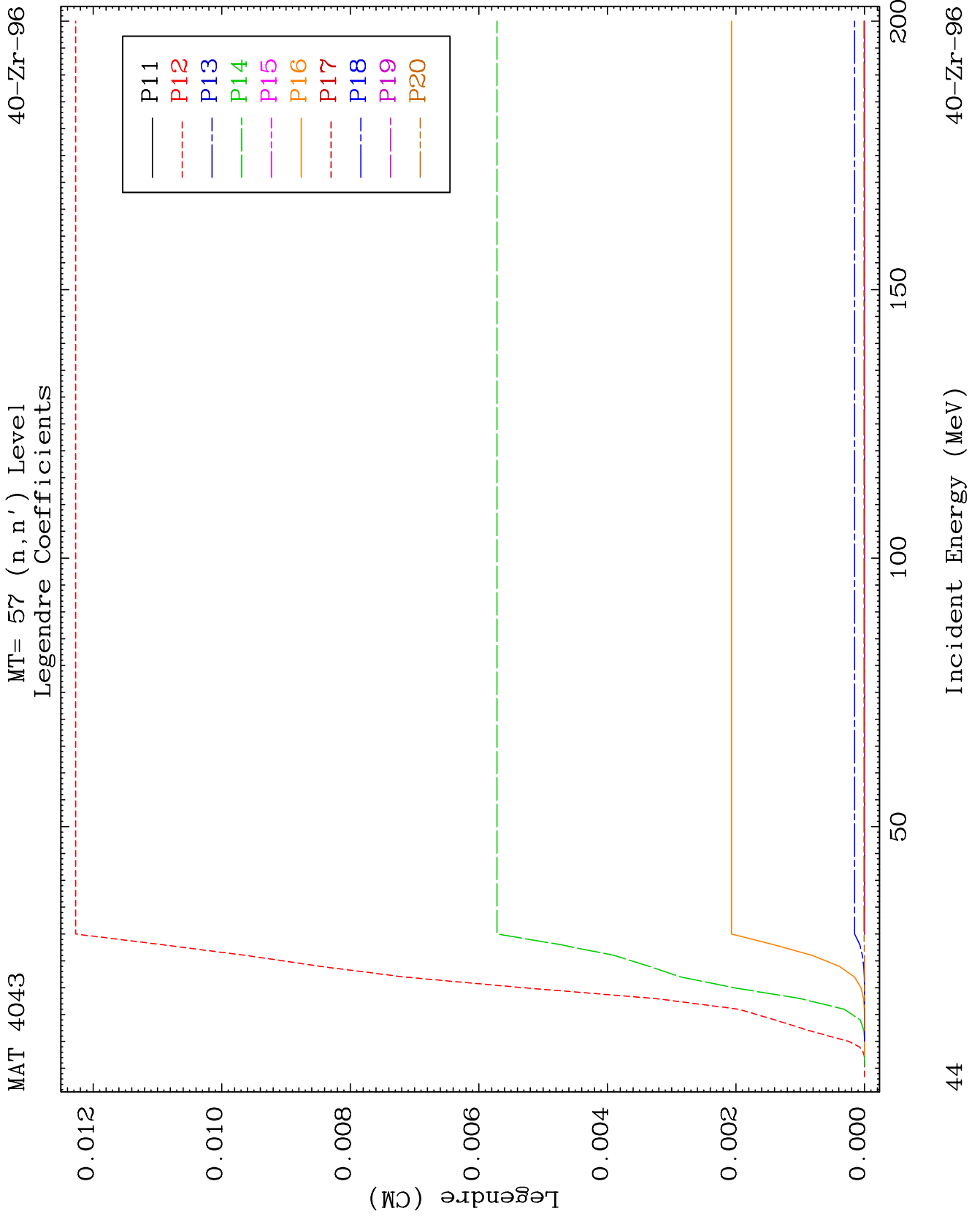


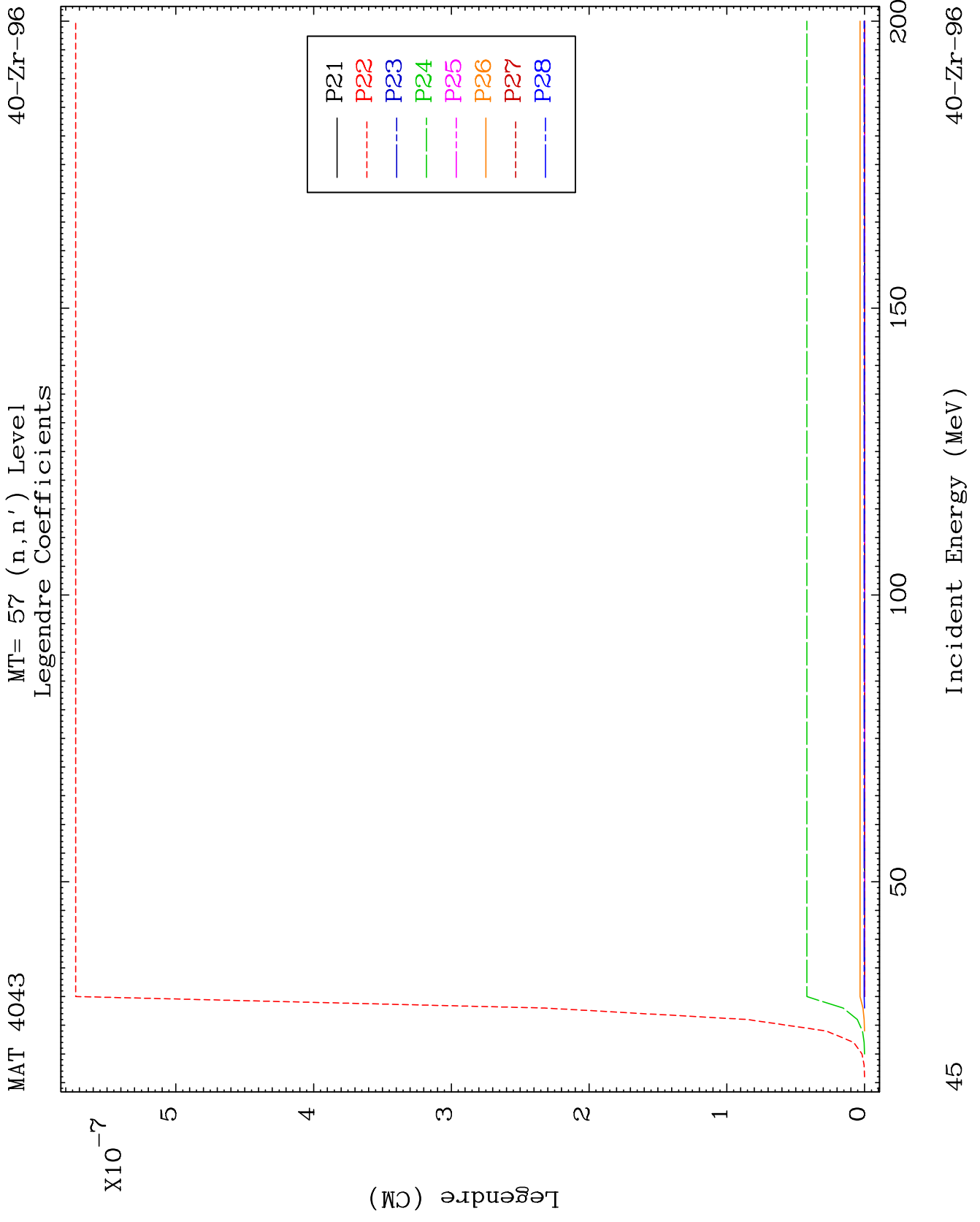
MAT 4043

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

40-Zr-96



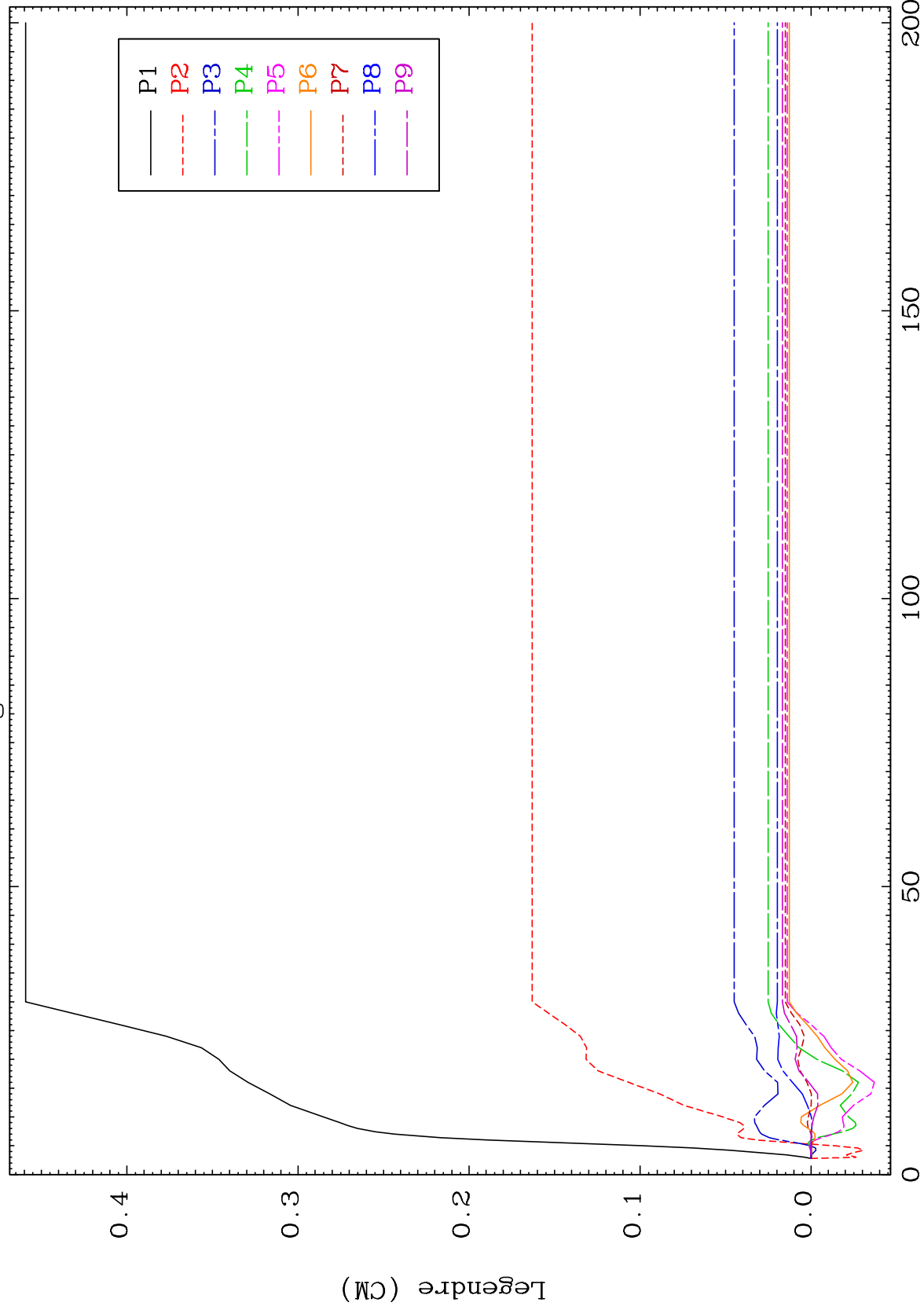




MAT 4043

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

40-Zr-96



46

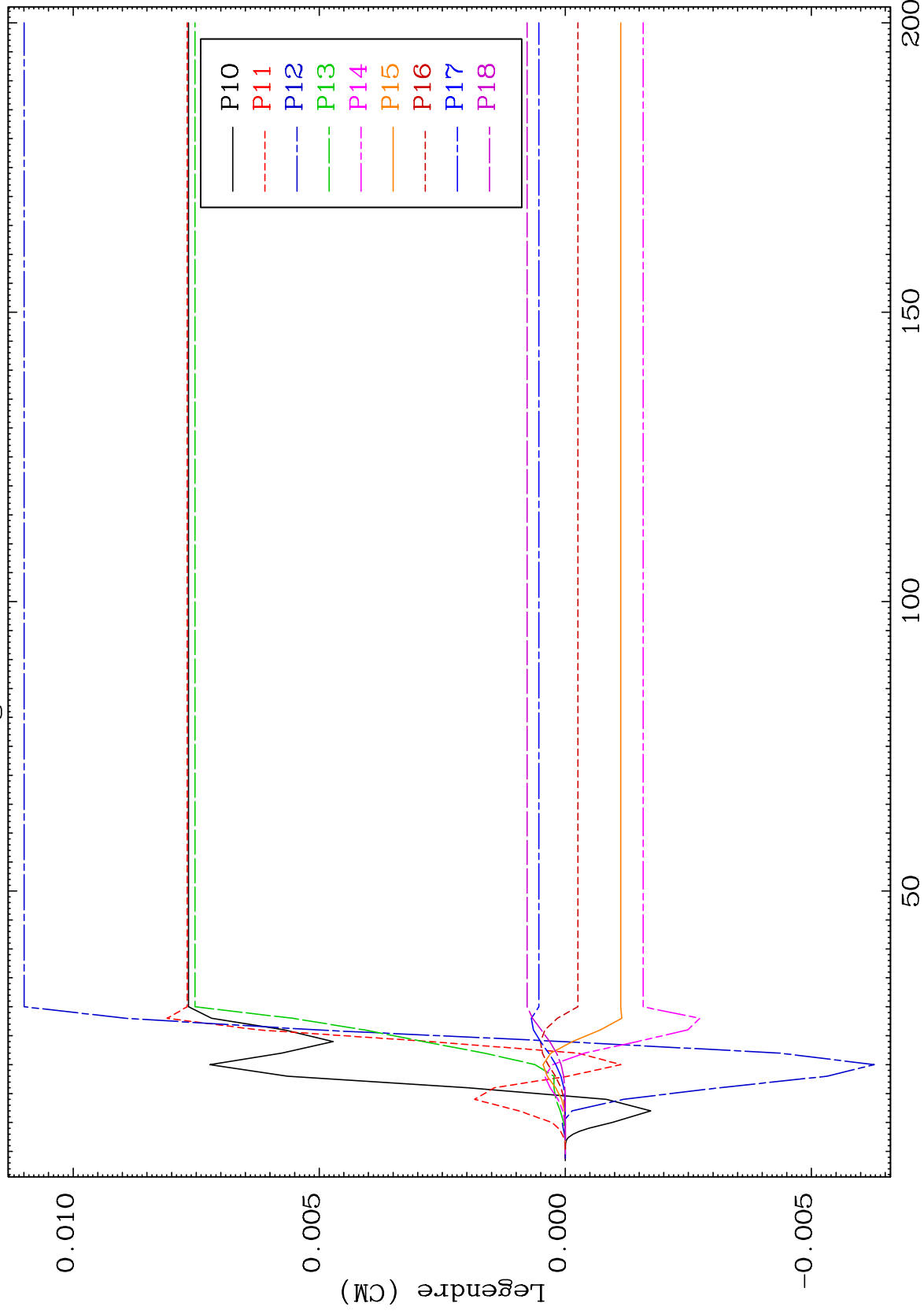
Incident Energy (MeV)

40-Zr-96

MAT 4043

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

40-Zr-96



47

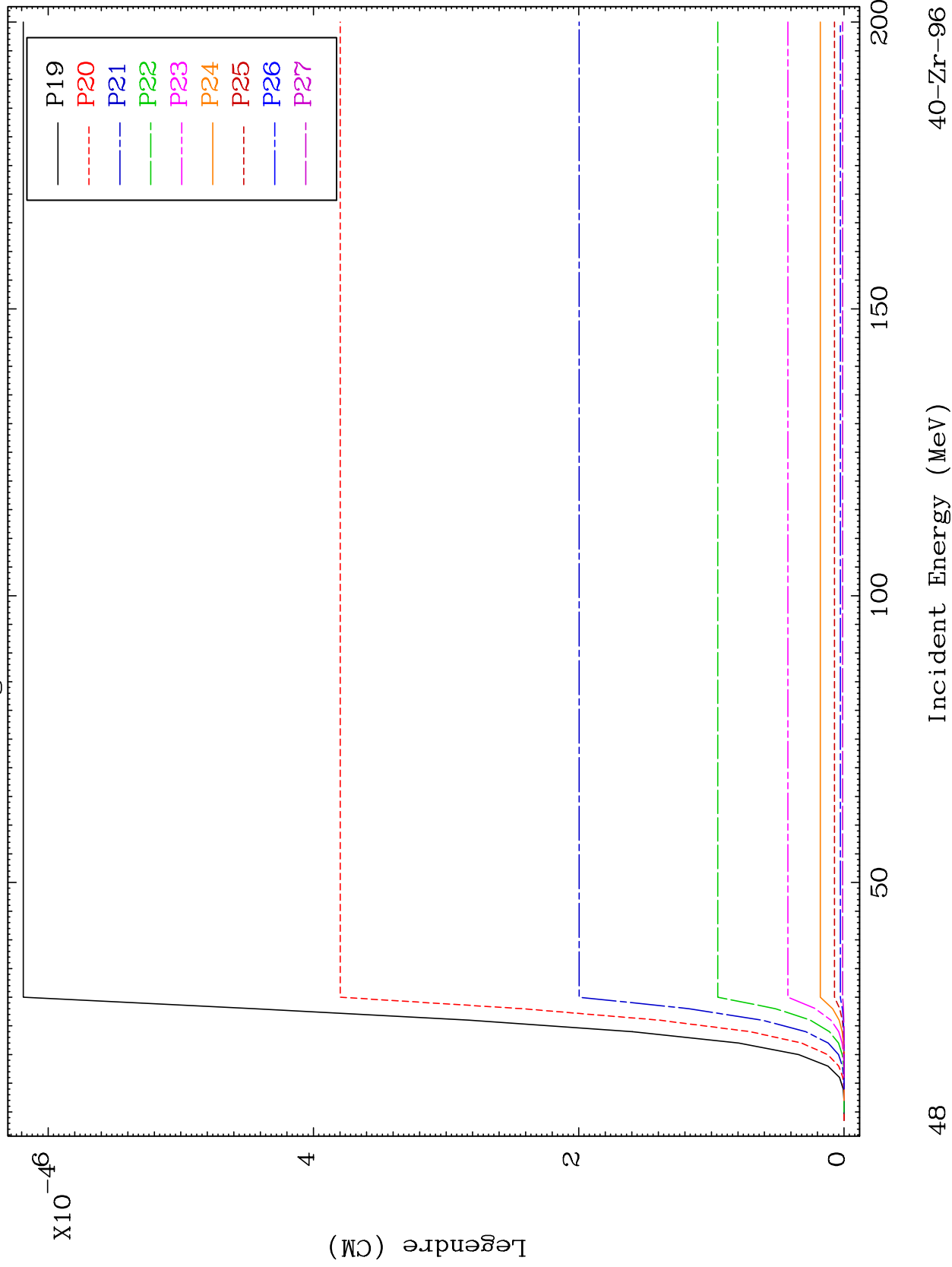
Incident Energy (MeV)

40-Zr-96

MAT 4043

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

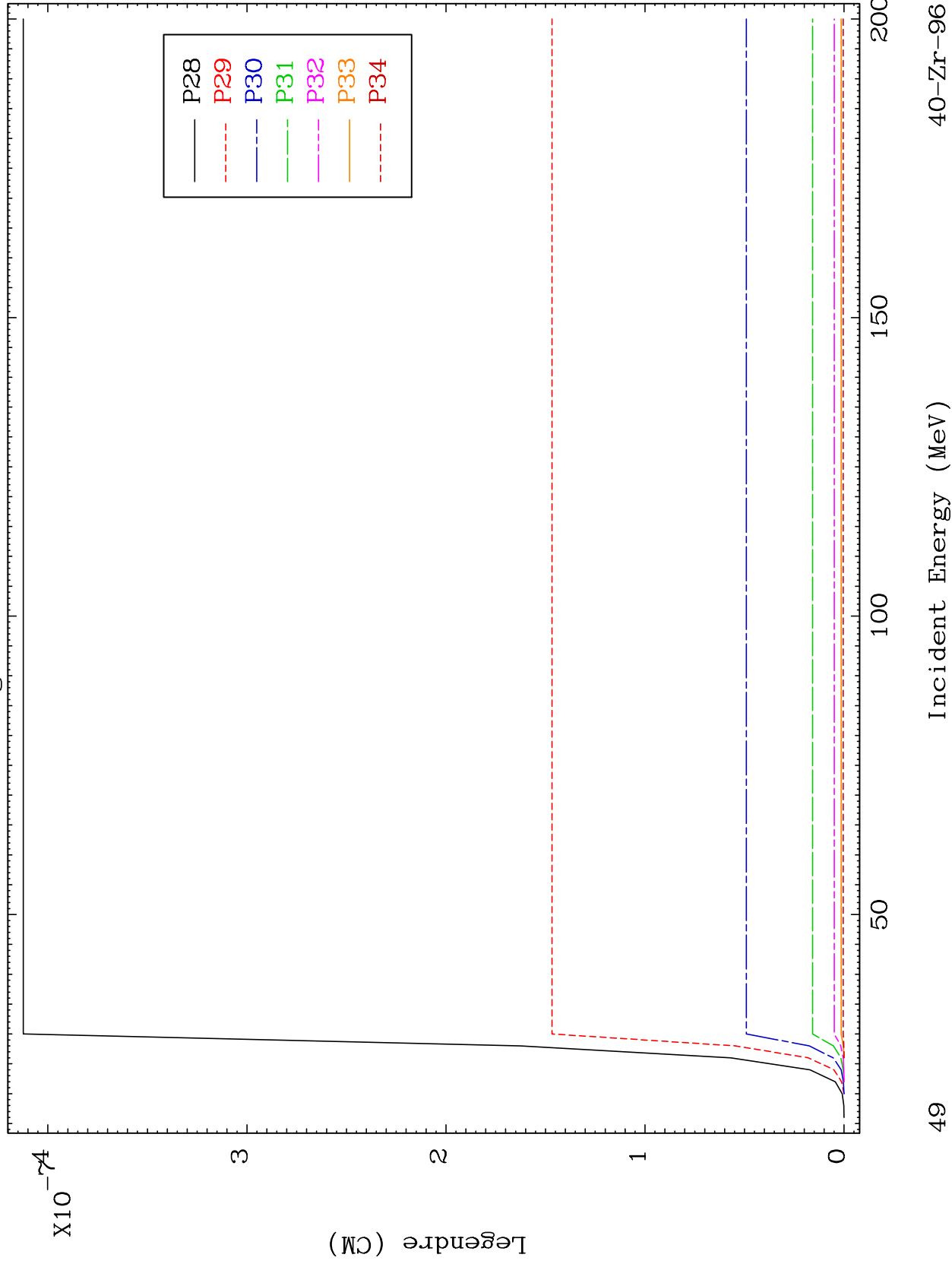
40-Zr-96

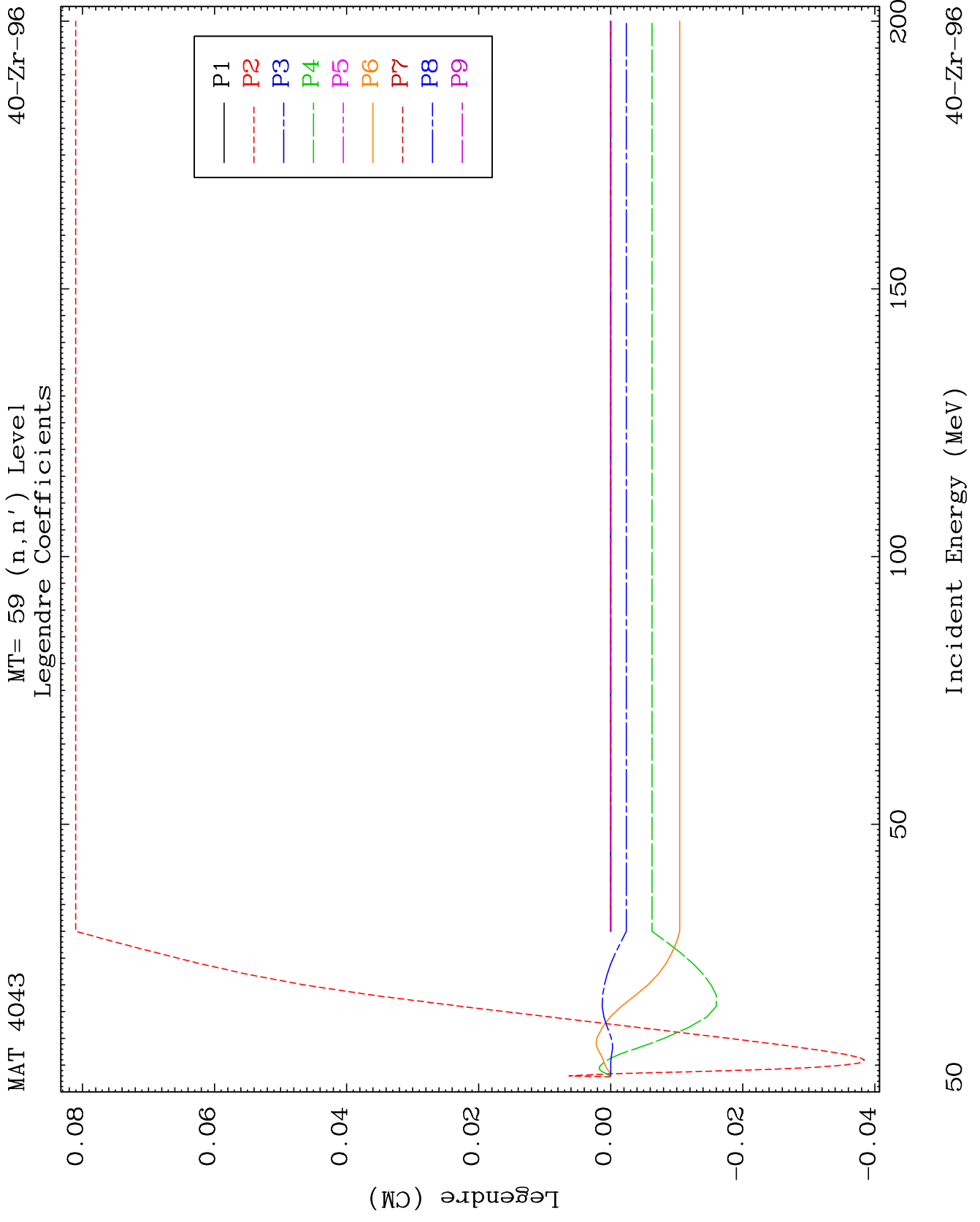


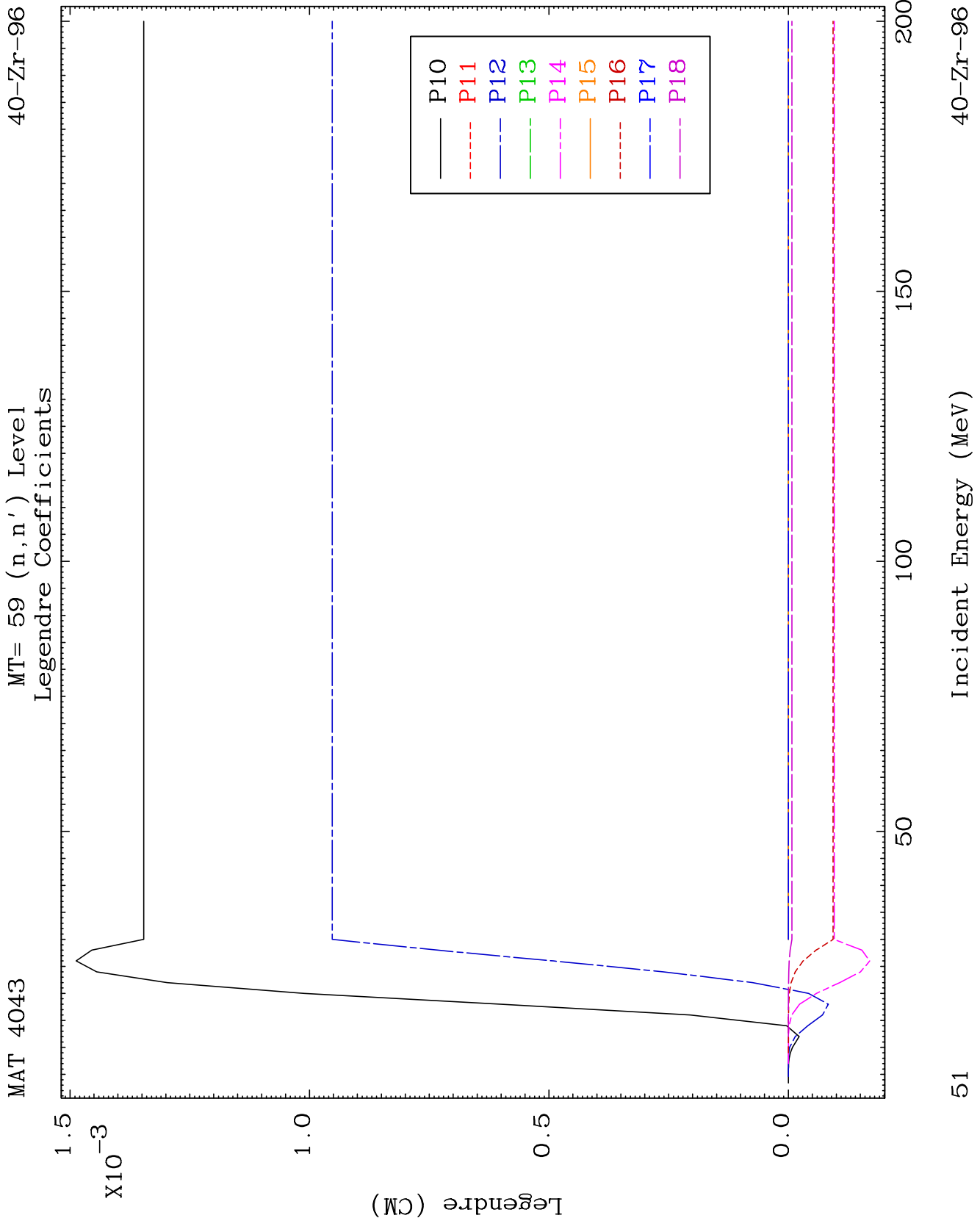
MAT 4043

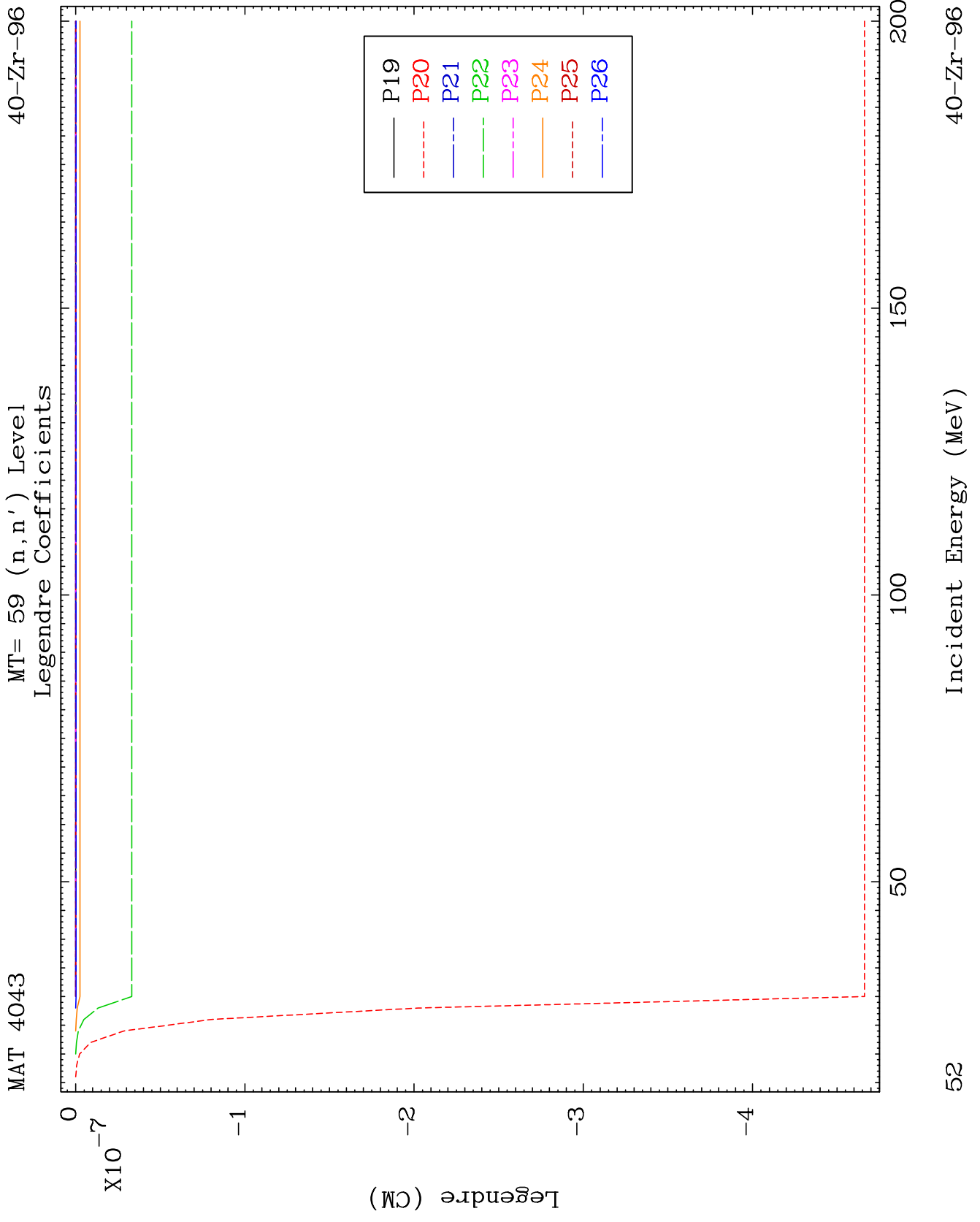
MT= 58 (n,n') Level
Legendre Coefficients

40-Zr-96





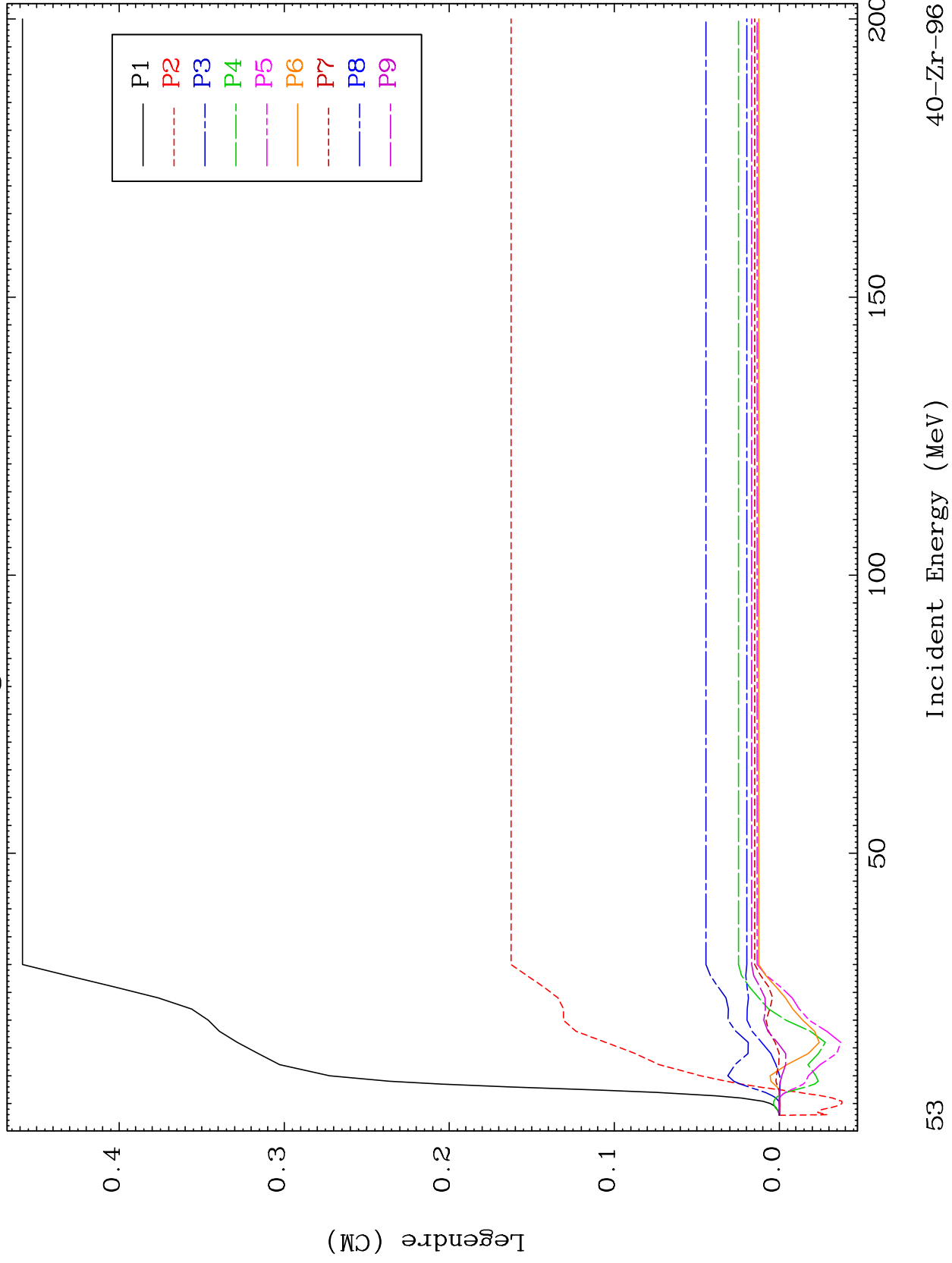




MAT 4043

MT= 60 (n,n') Level
Legendre Coefficients

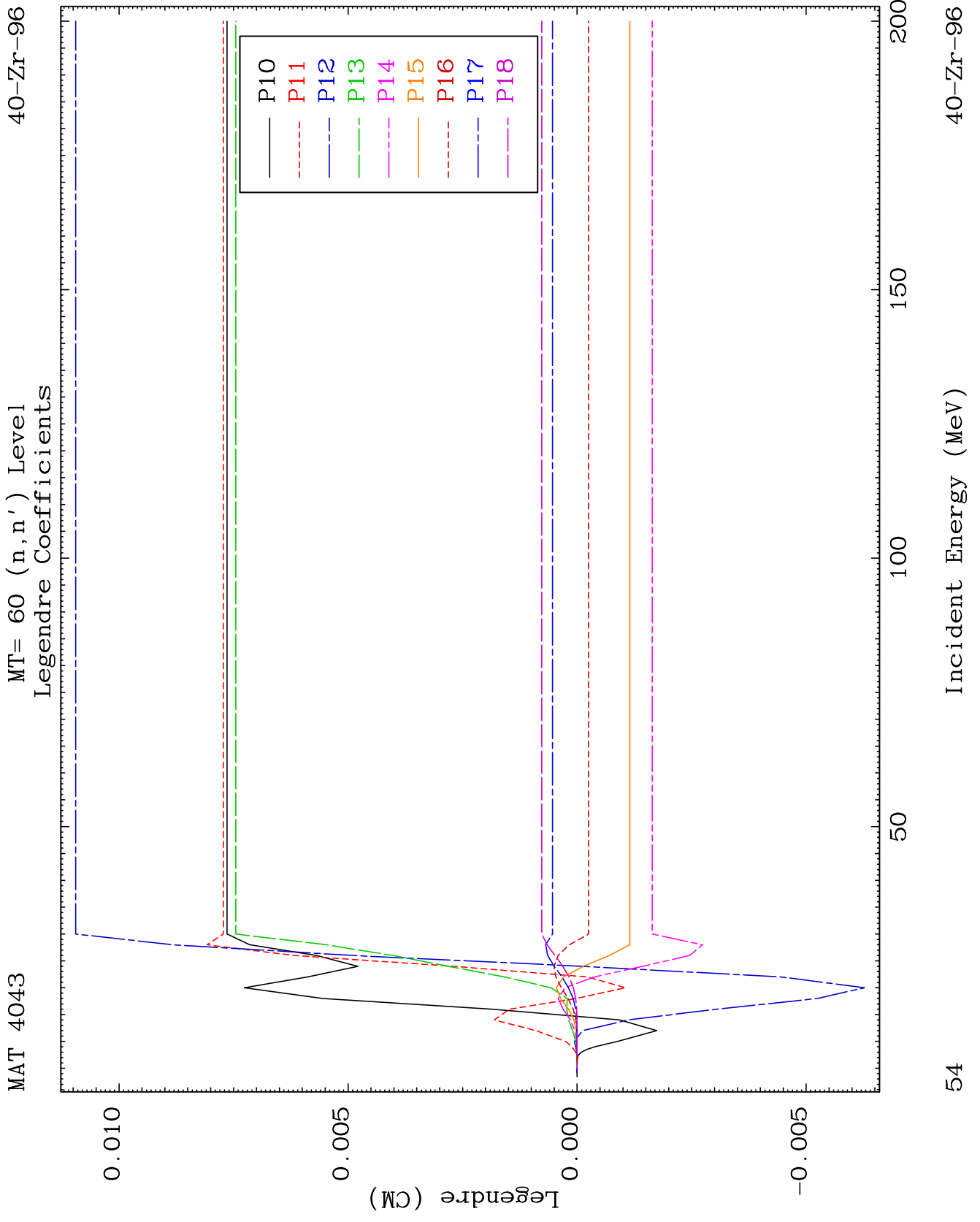
40-Zr-96

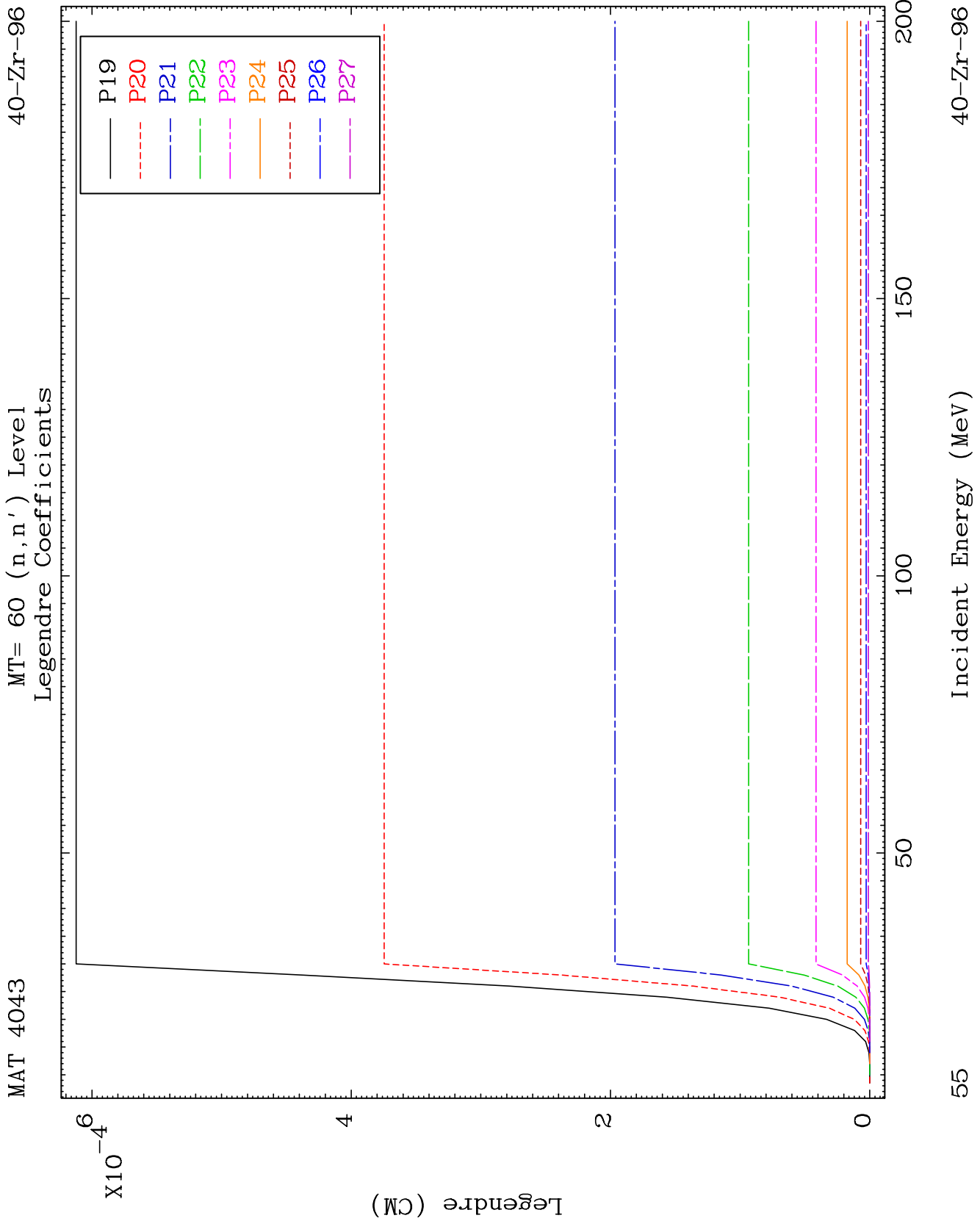


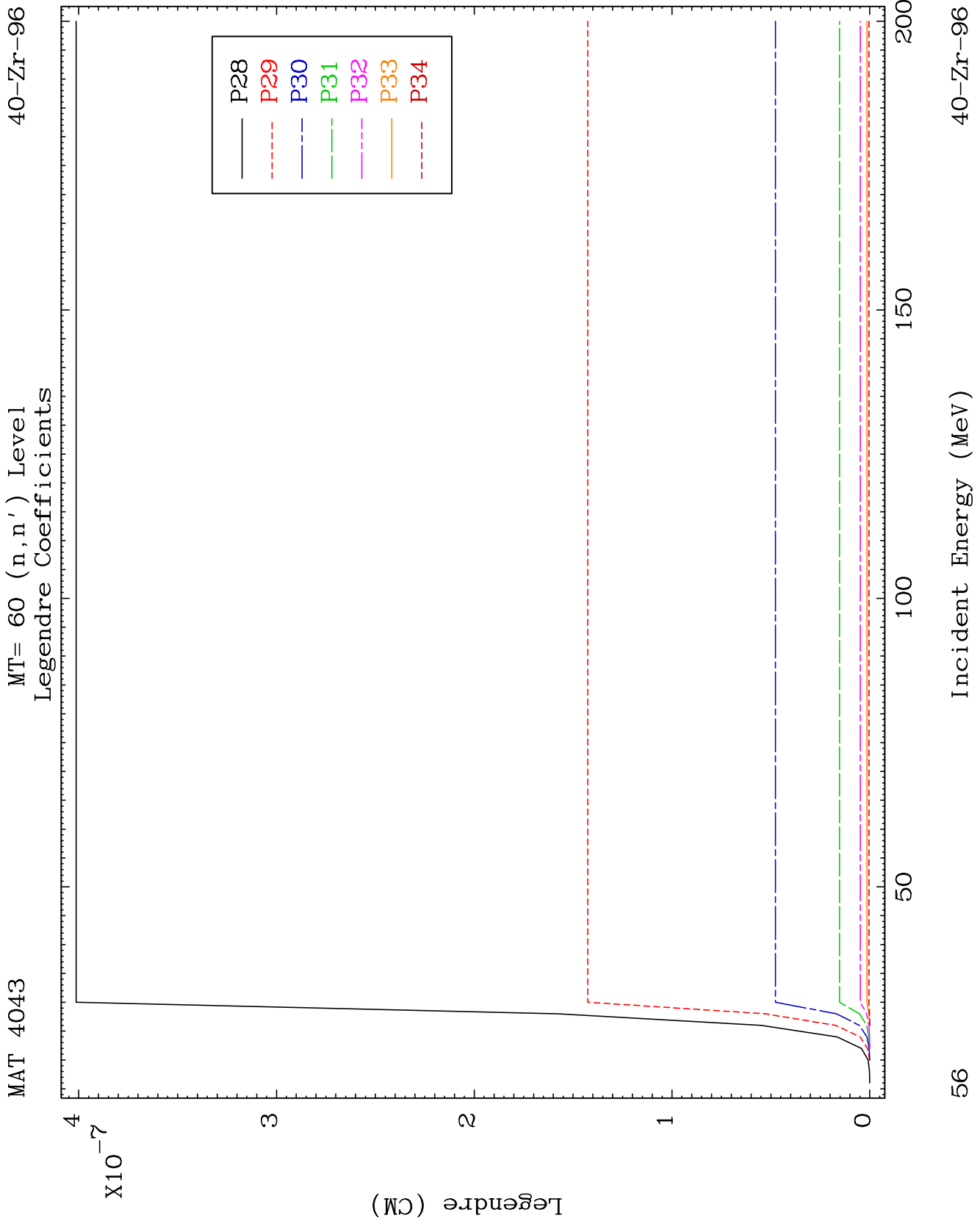
53

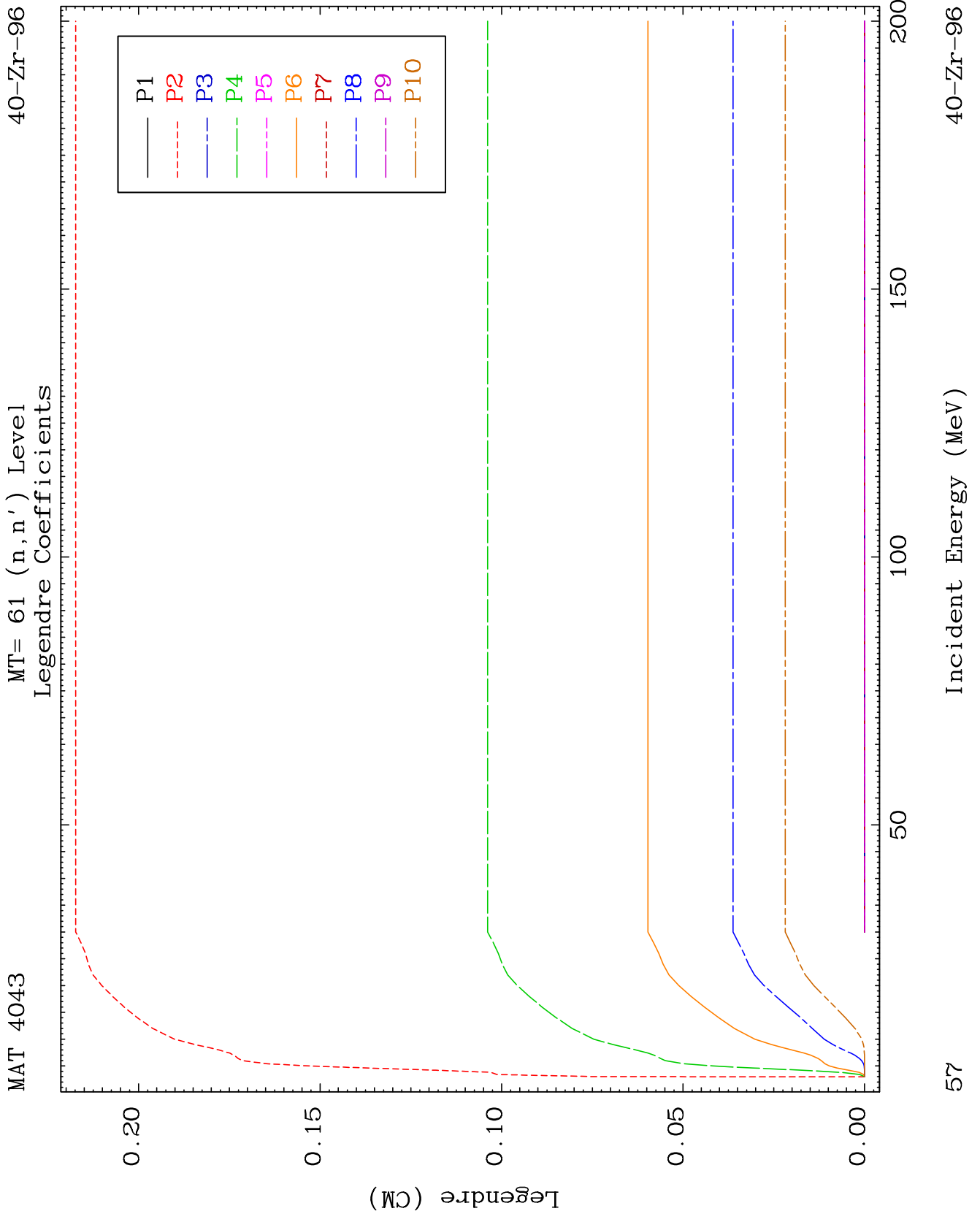
Incident Energy (MeV)

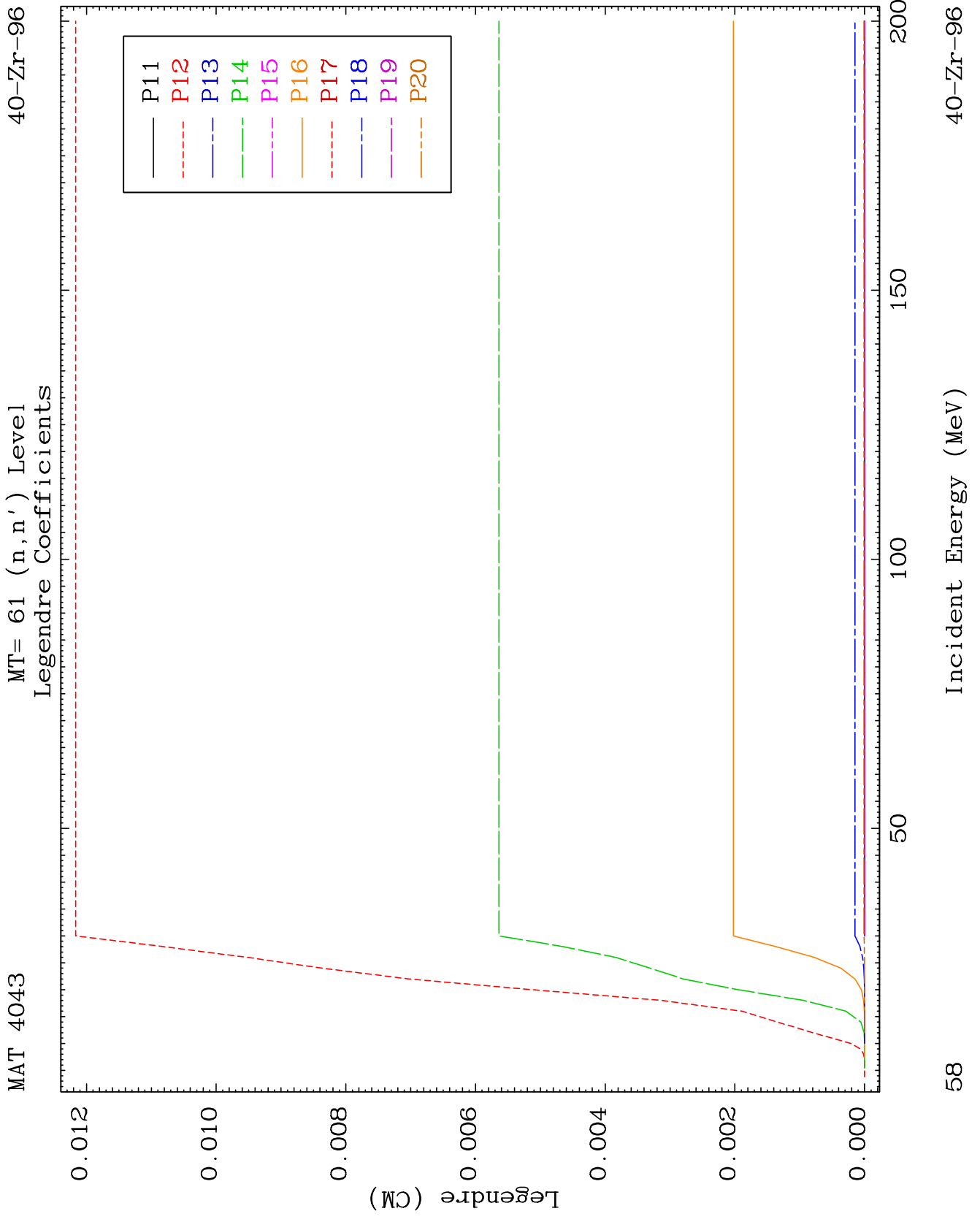
40-Zr-96

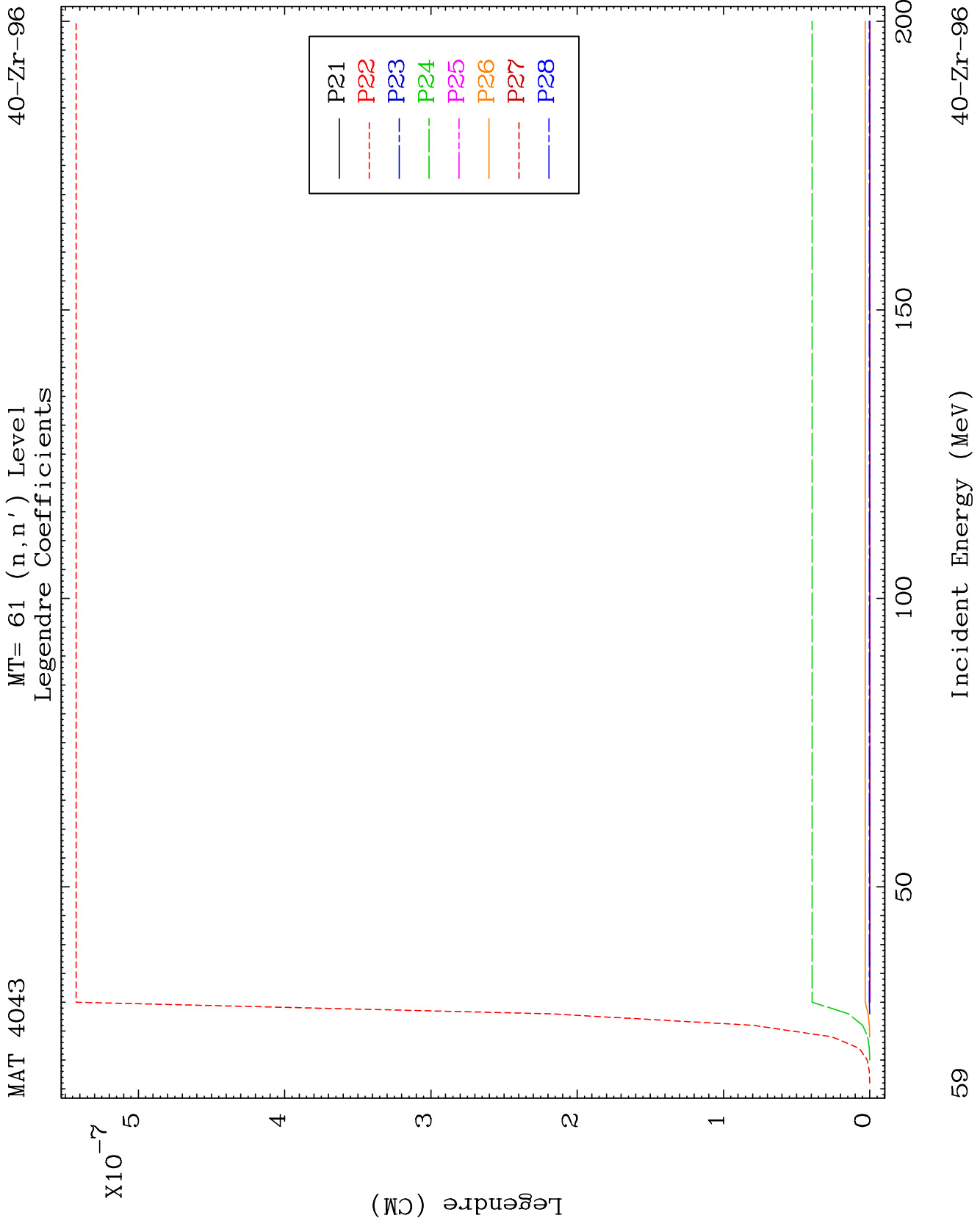








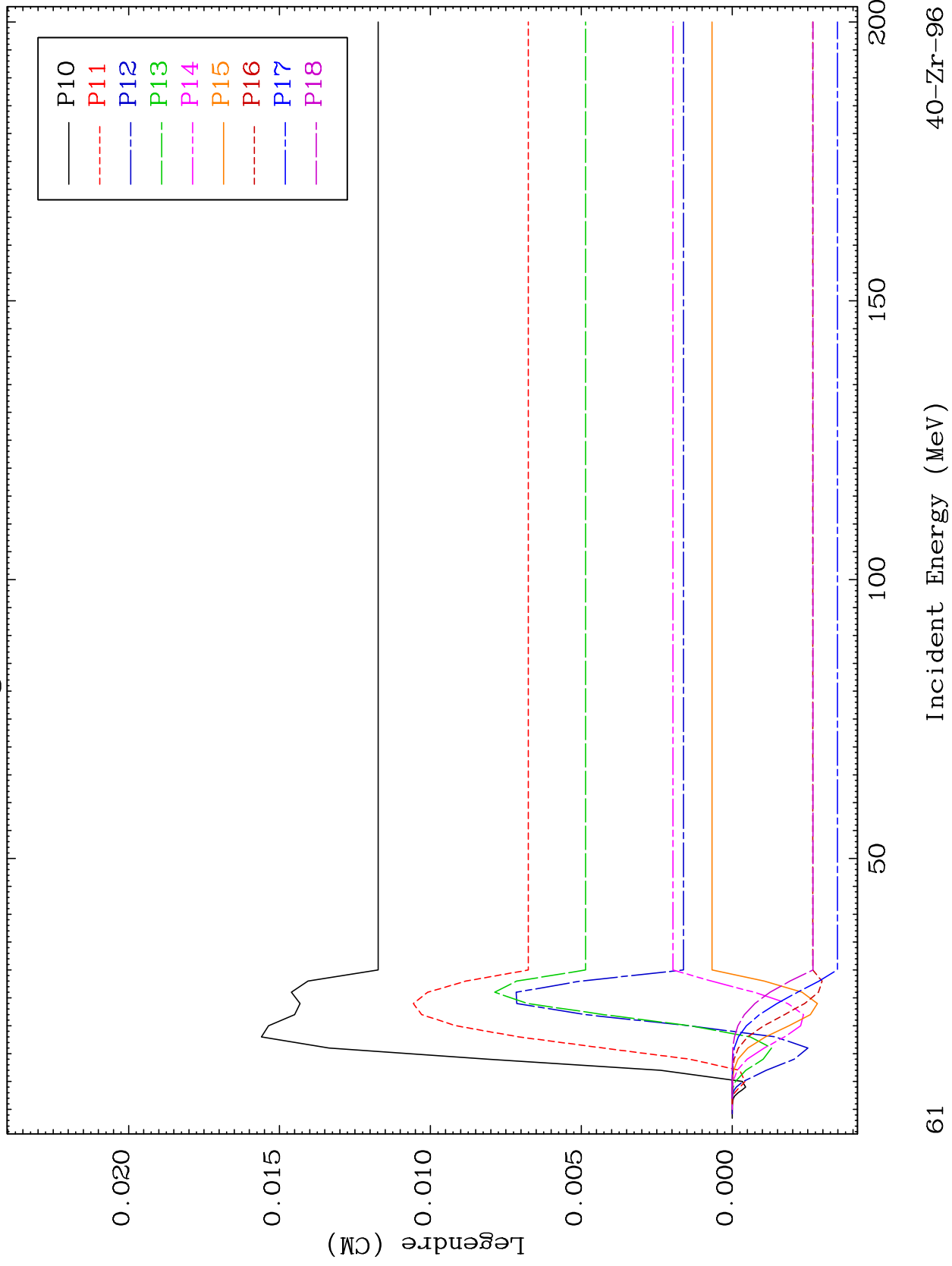


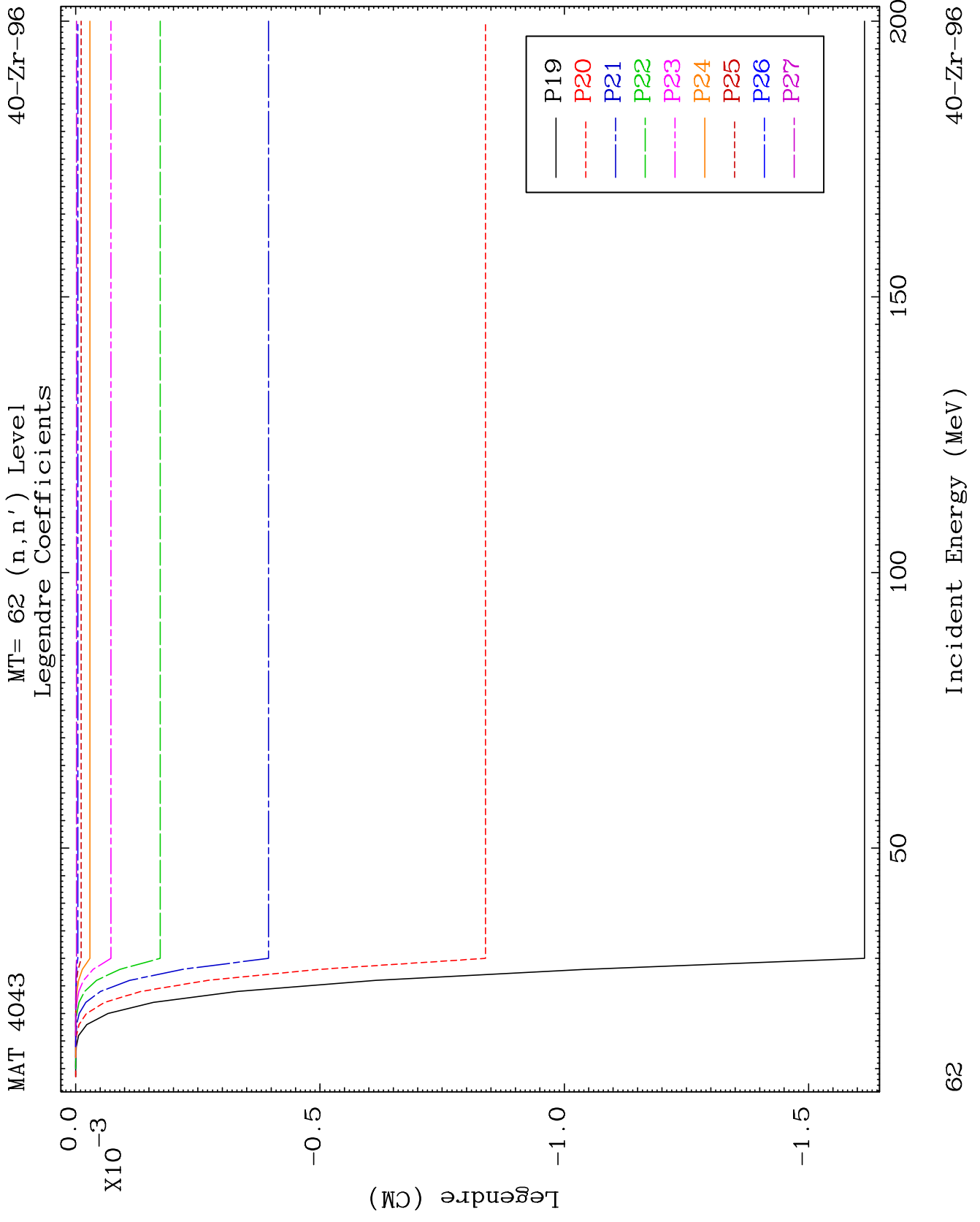


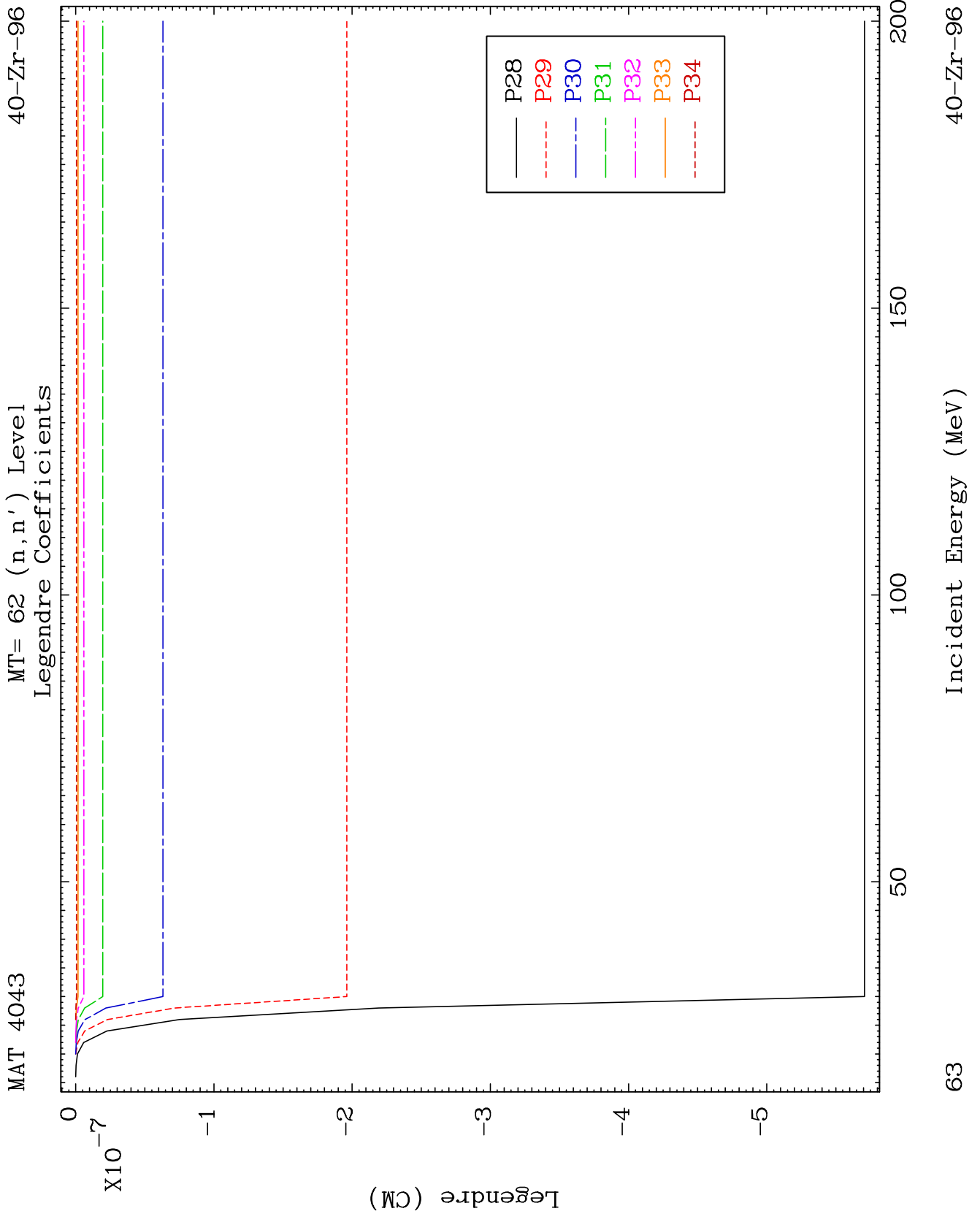
MAT 4043

MT= 62 (n,n') Level
Legendre Coefficients

40-Zr-96



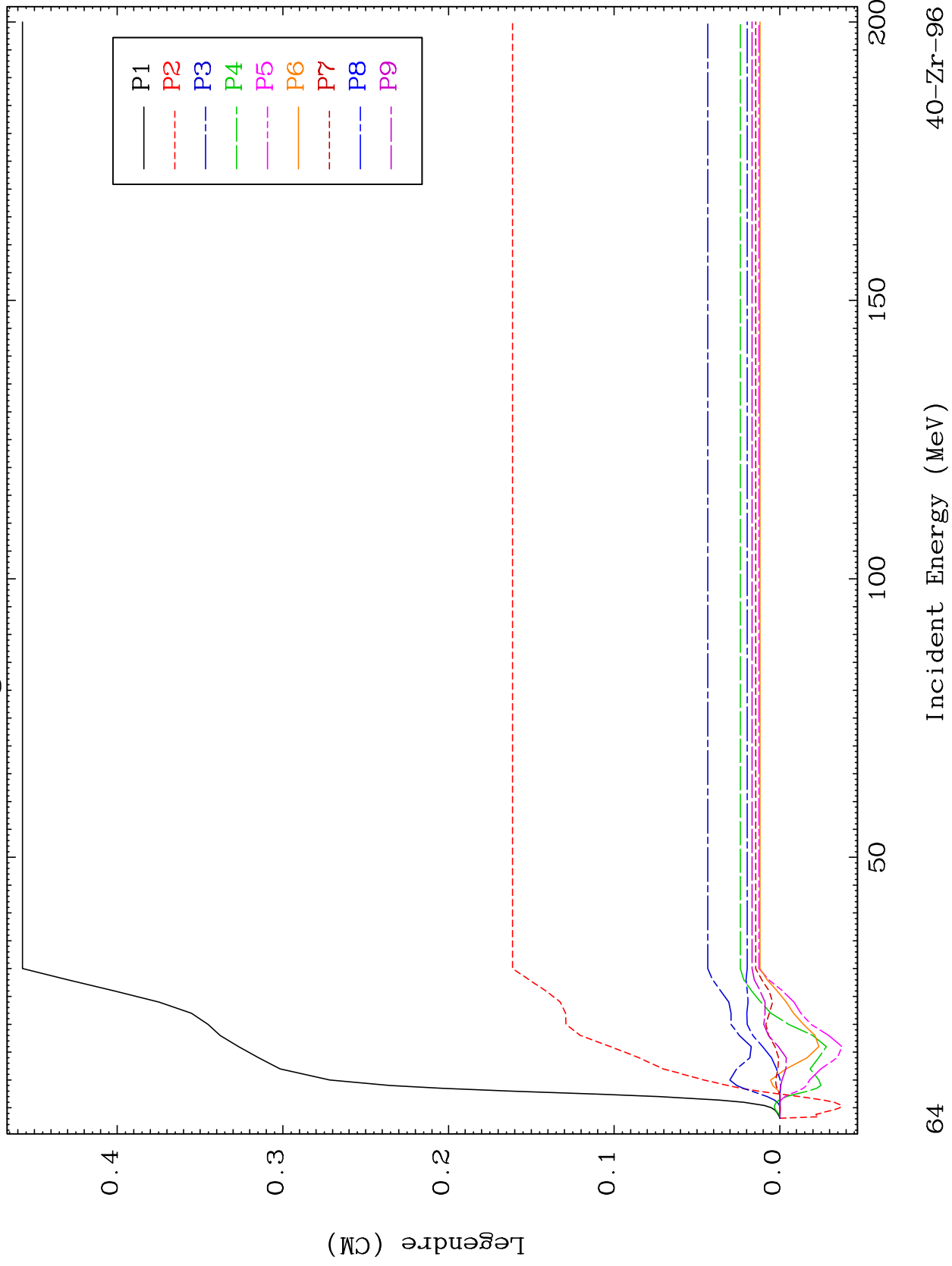




MAT 4043

MT= 63 (n,n') Level
Legendre Coefficients

40-Zr-96

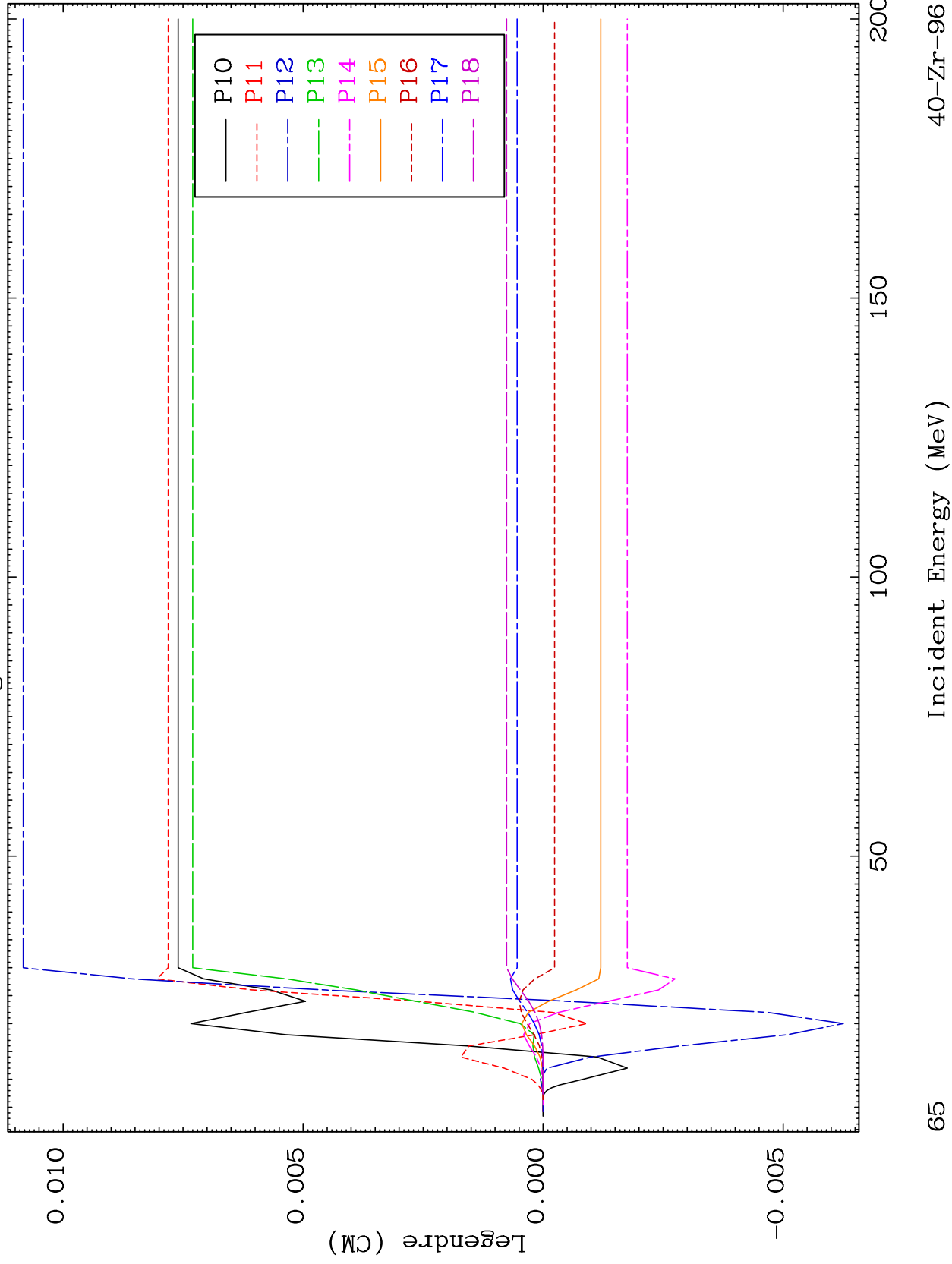


64

MAT 4043

MT= 63 (n,n') Level
Legendre Coefficients

40-Zr-96



65

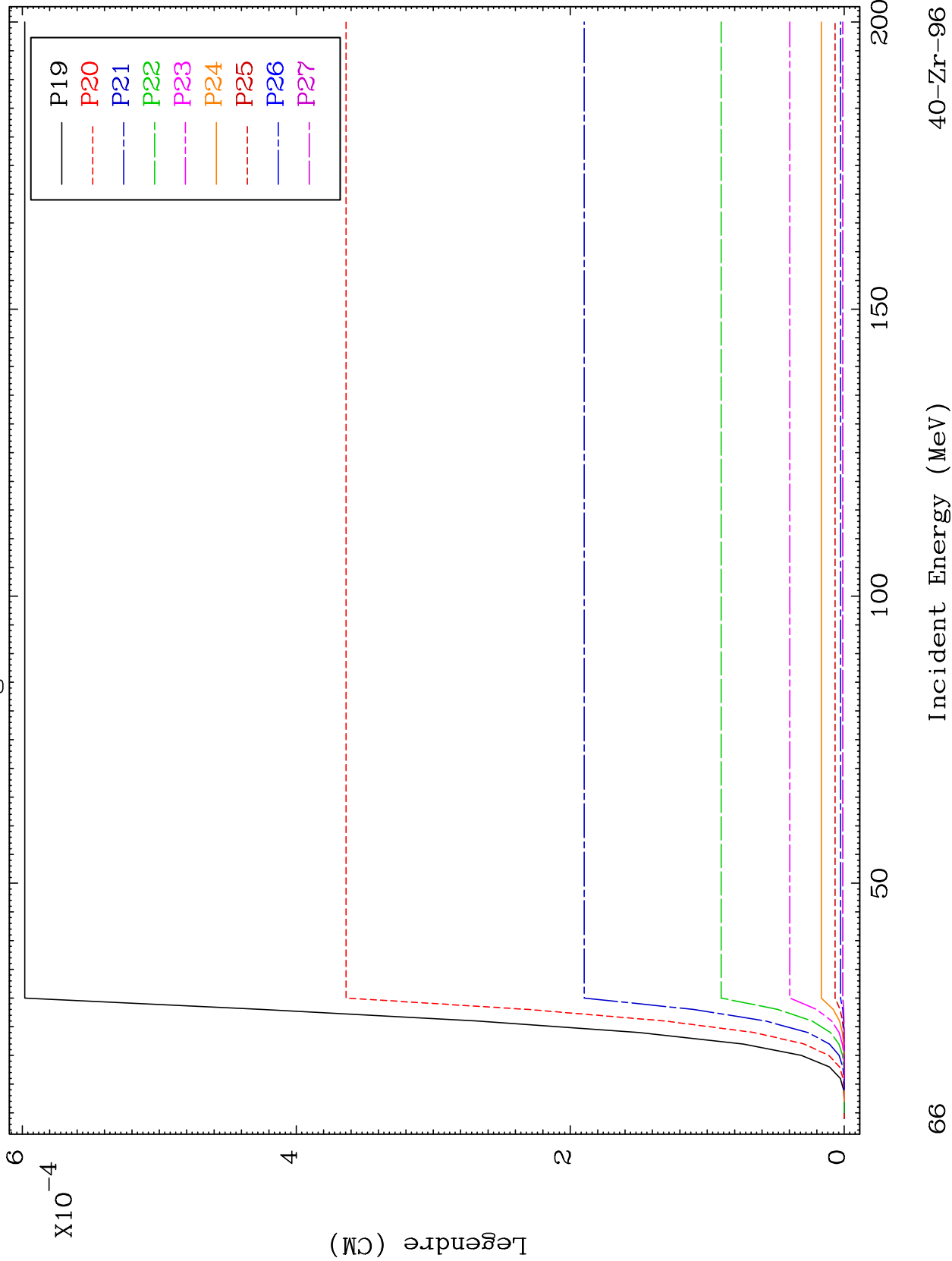
Incident Energy (MeV)

40-Zr-96

MAT 4043

MT= 63 (n,n') Level
Legendre Coefficients

40-Zr-96



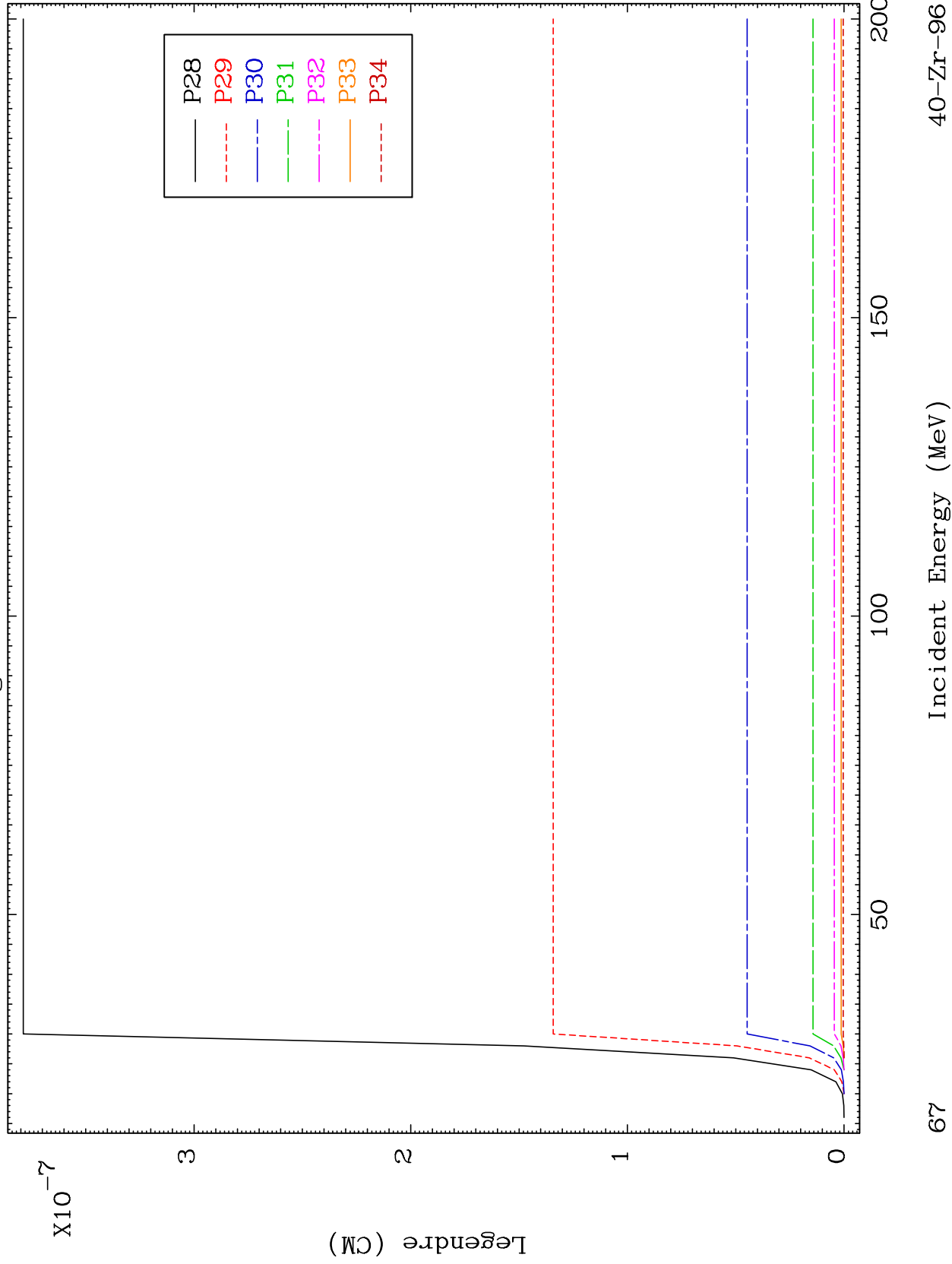
66

40-Zr-96

MAT 4043

MT= 63 (n,n') Level
Legendre Coefficients

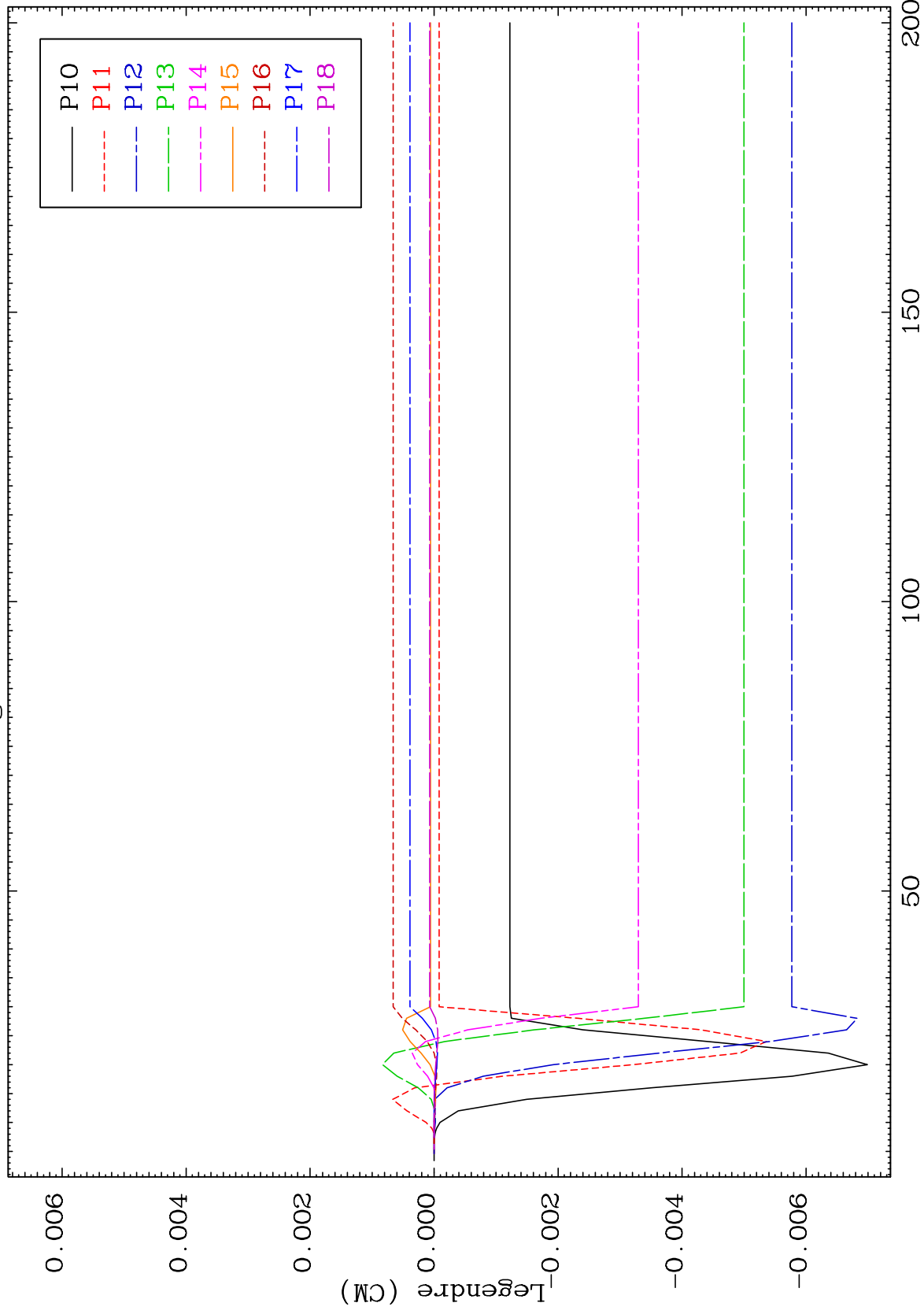
40-Zr-96



MAT 4043

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

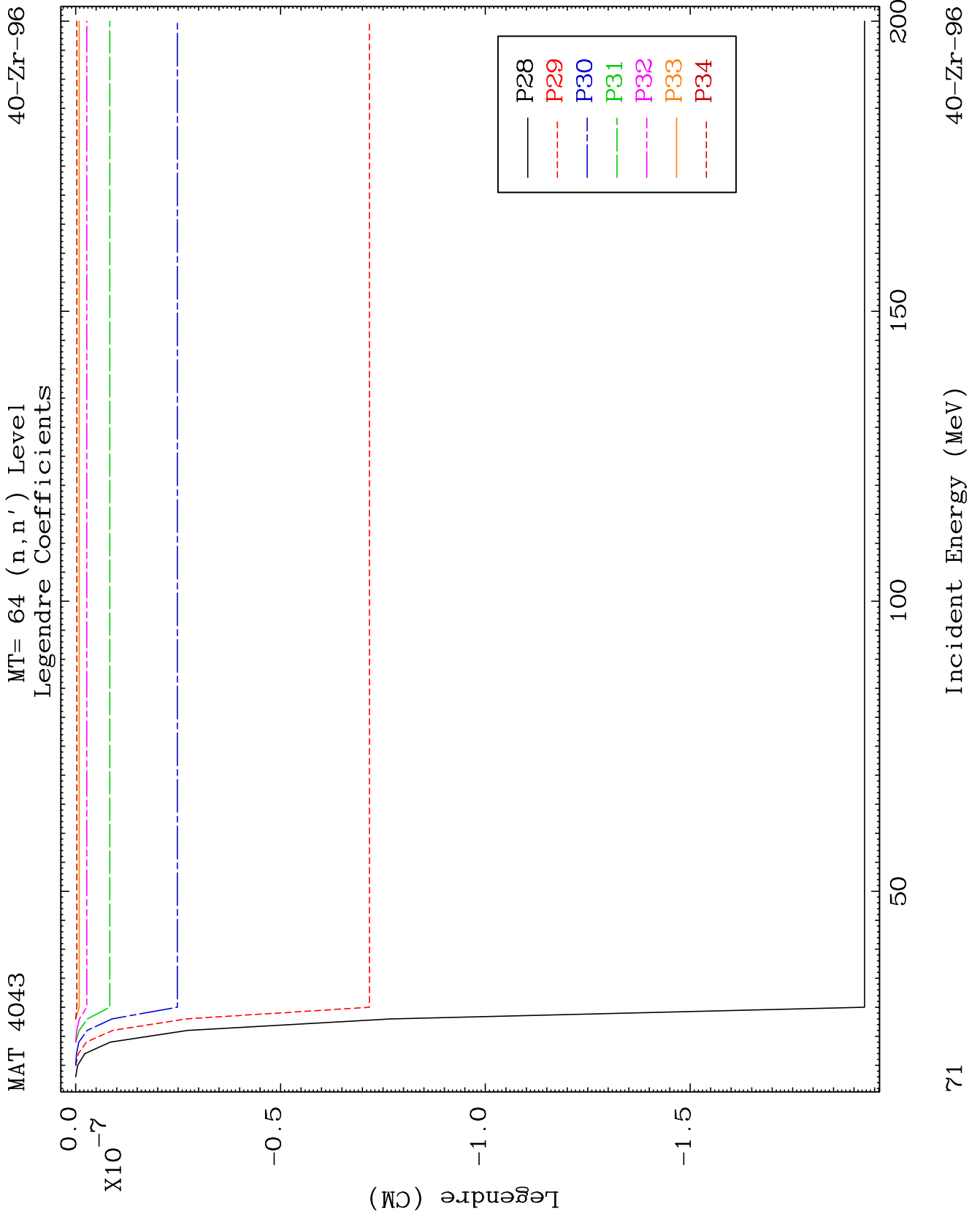
40-Zr-96



69

Incident Energy (MeV)

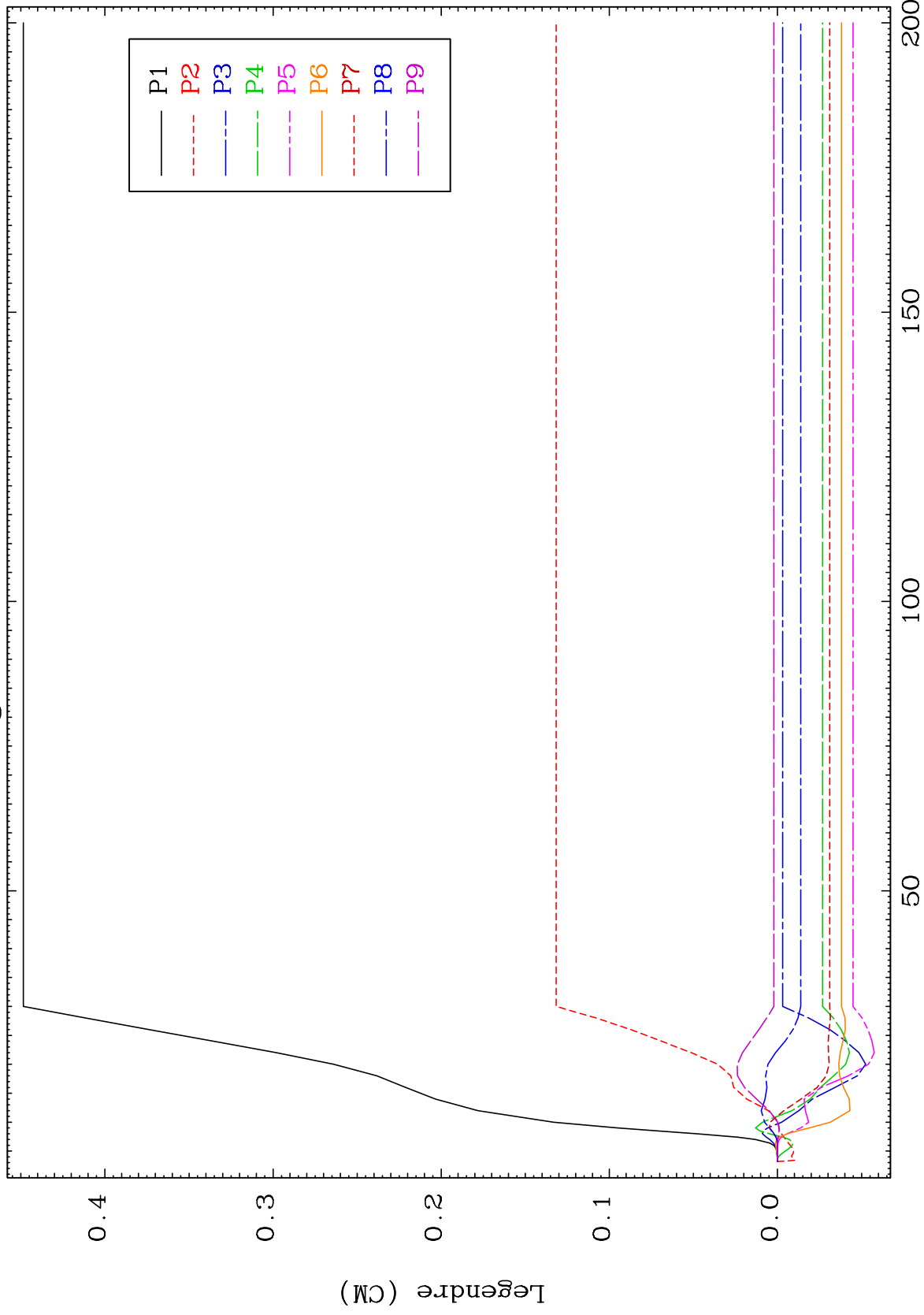
40-Zr-96



MAT 4043

MT= 65 (n,n') Level
Legendre Coefficients

40-Zr-96



72

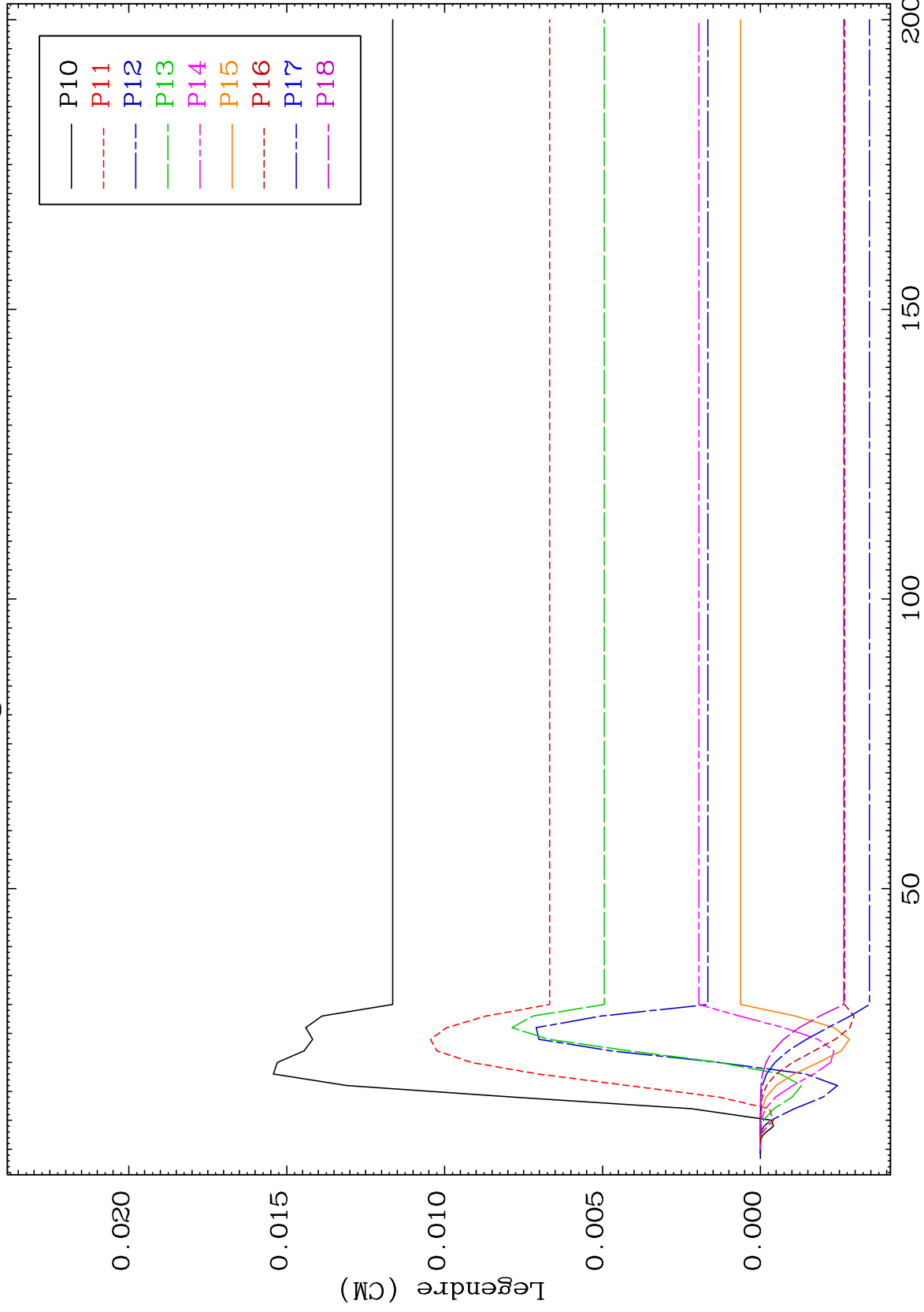
Incident Energy (MeV)

40-Zr-96

MAT 4043

MT= 65 (n,n') Level
Legendre Coefficients

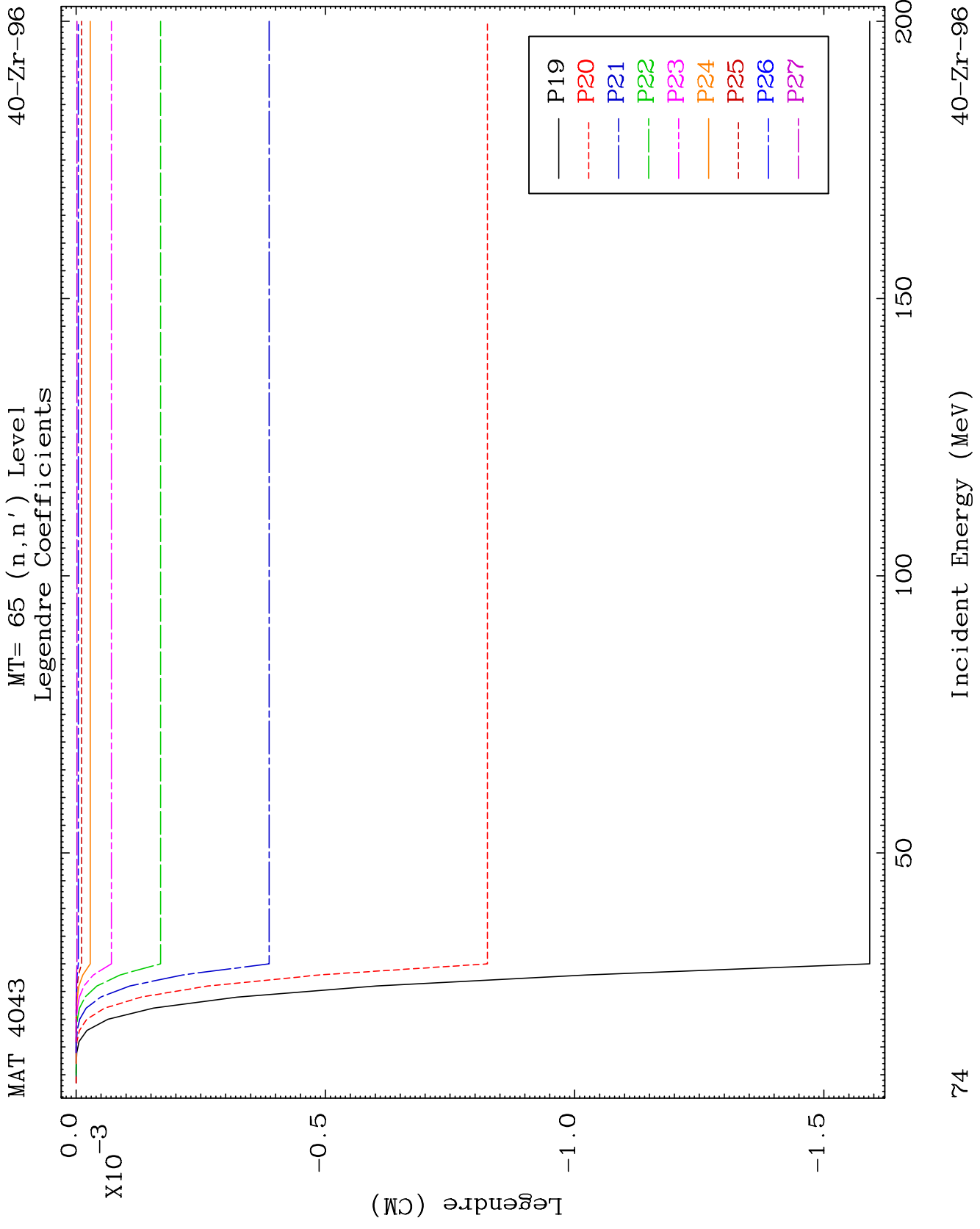
40-Zr-96

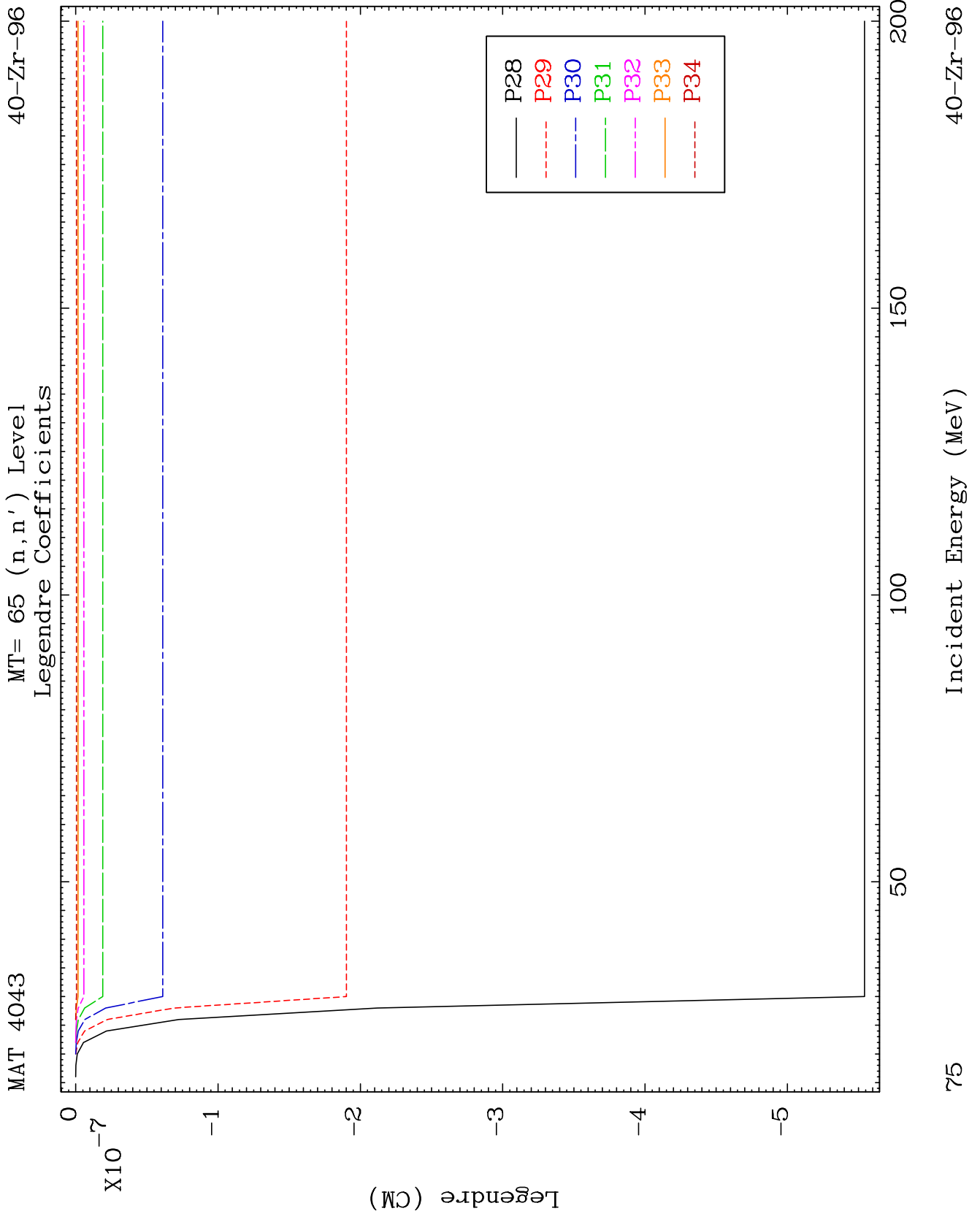


73

Incident Energy (MeV)

40-Zr-96

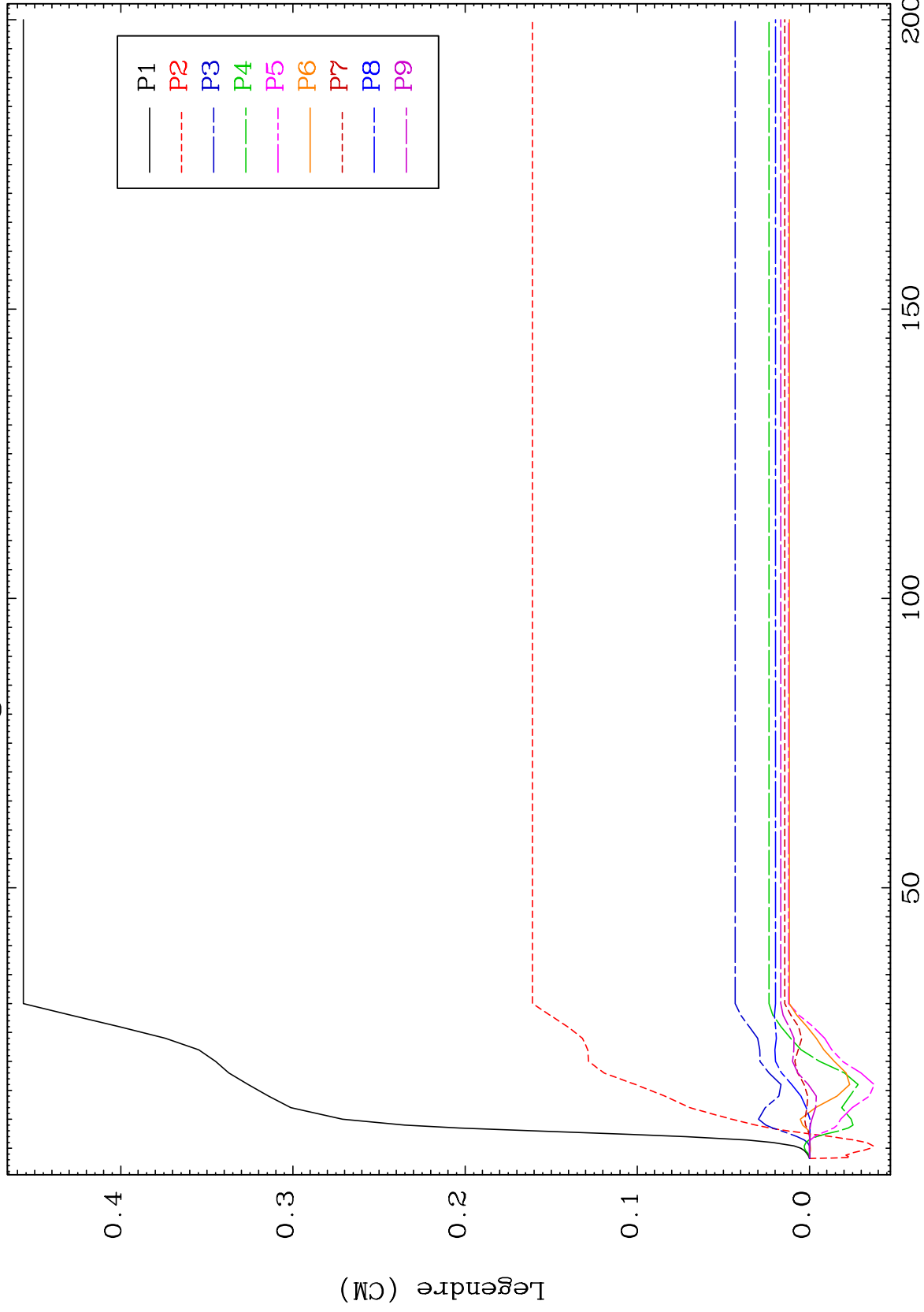




MAT 4043

MT= 66 (n,n') Level
Legendre Coefficients

40-Zr-96



76

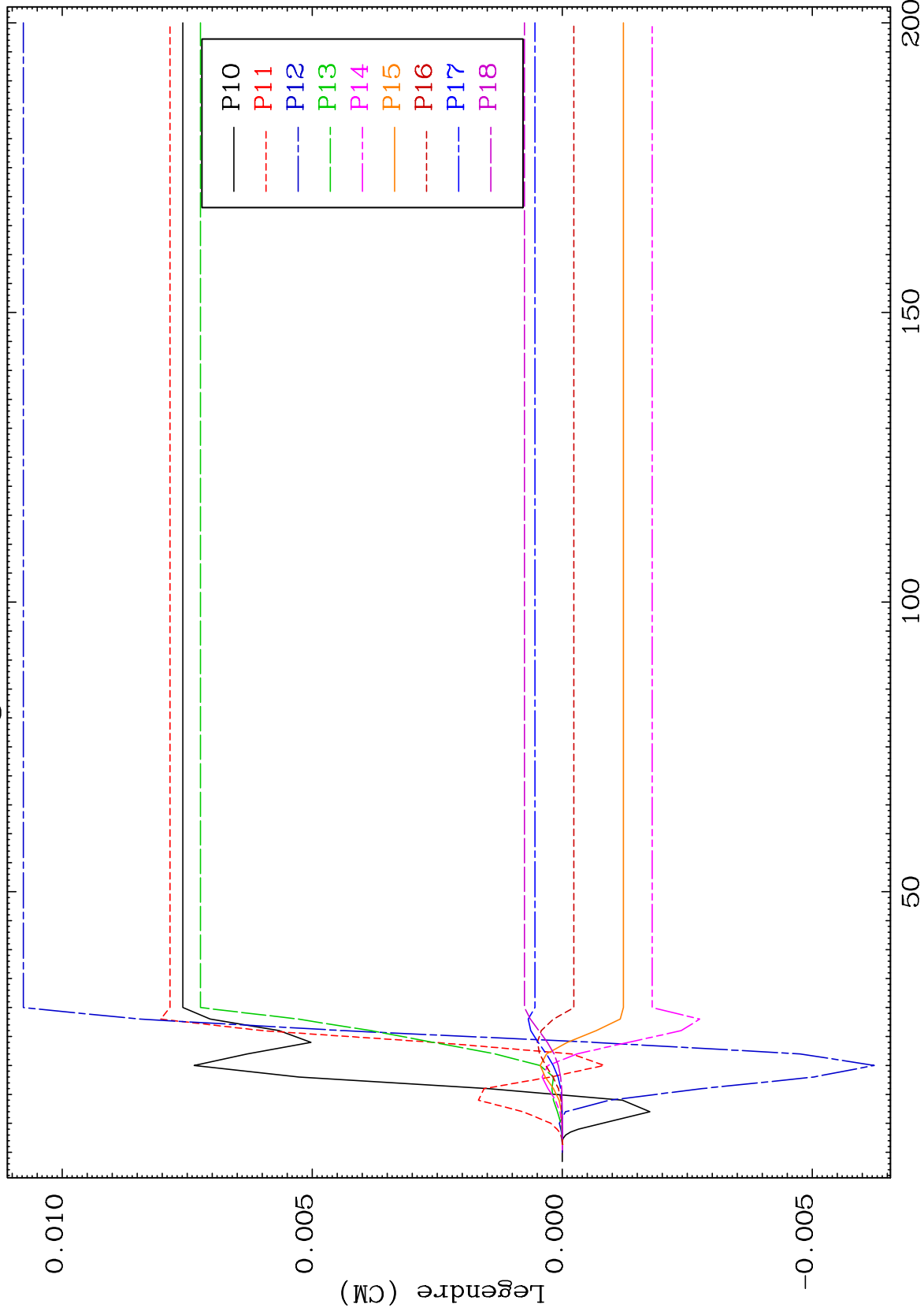
Incident Energy (MeV)

40-Zr-96

MAT 4043

MT= 66 (n,n') Level
Legendre Coefficients

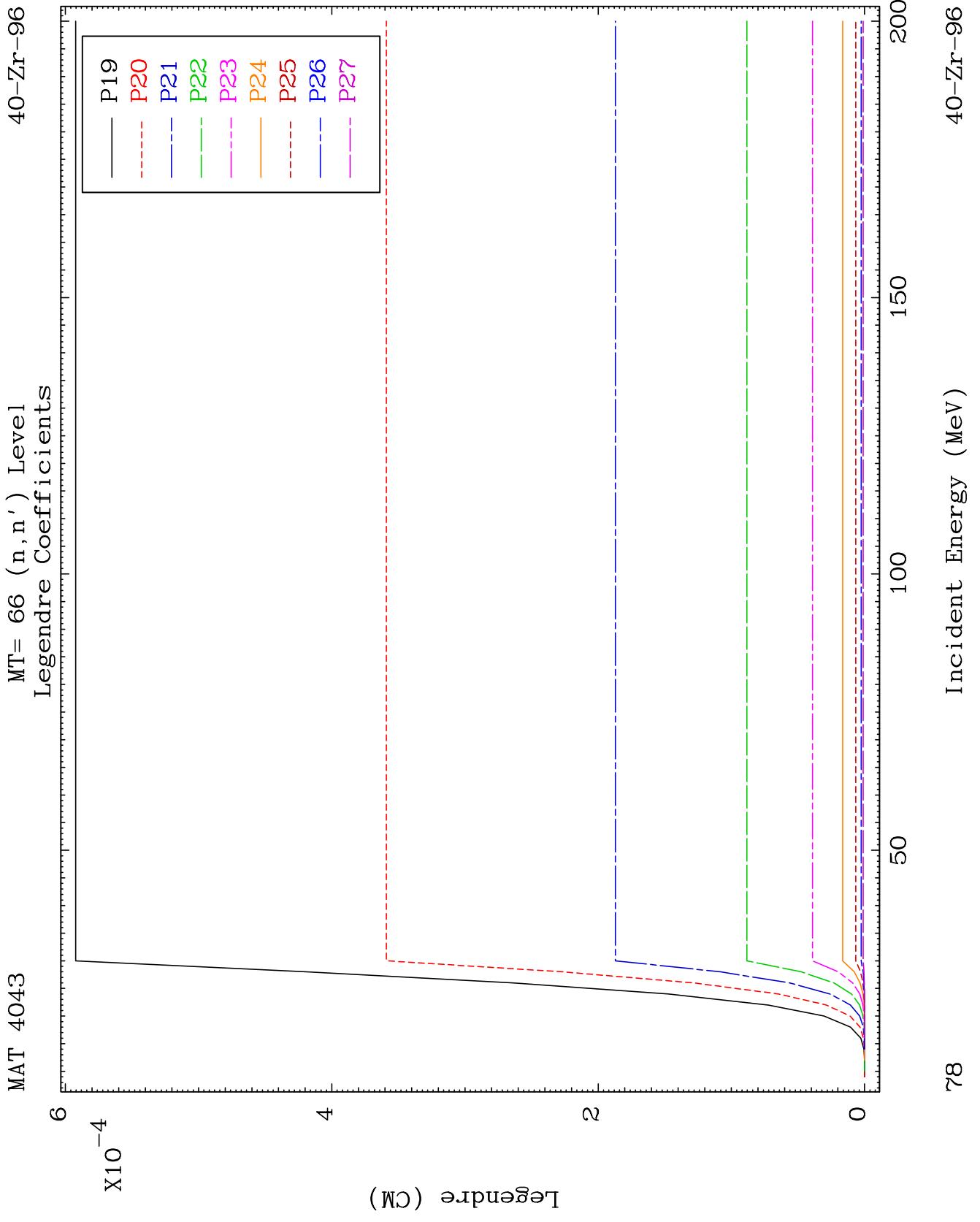
40-Zr-96



77

Incident Energy (MeV)

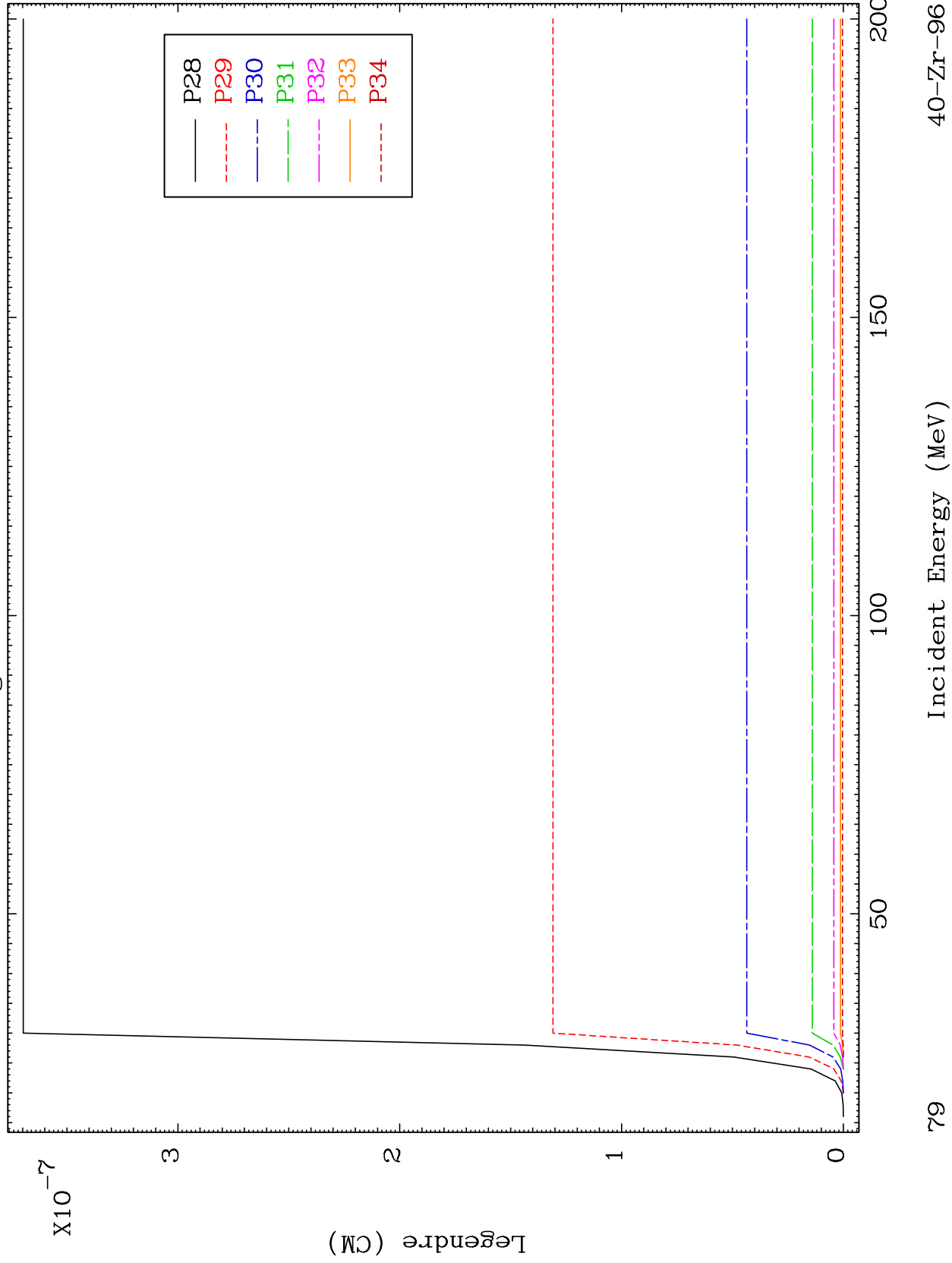
40-Zr-96



MAT 4043

MT= 66 (n,n') Level
Legendre Coefficients

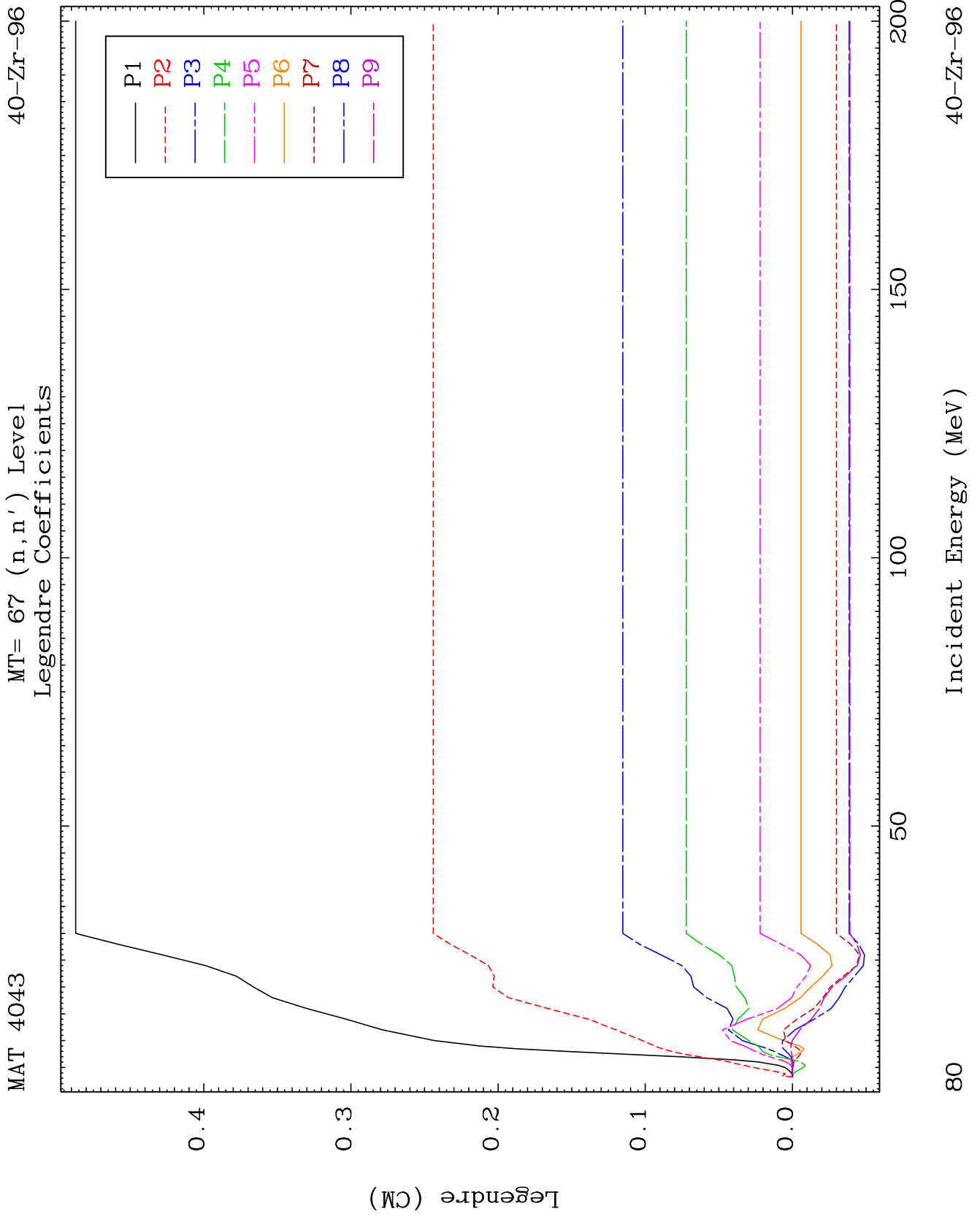
40-Zr-96



79

Incident Energy (MeV)

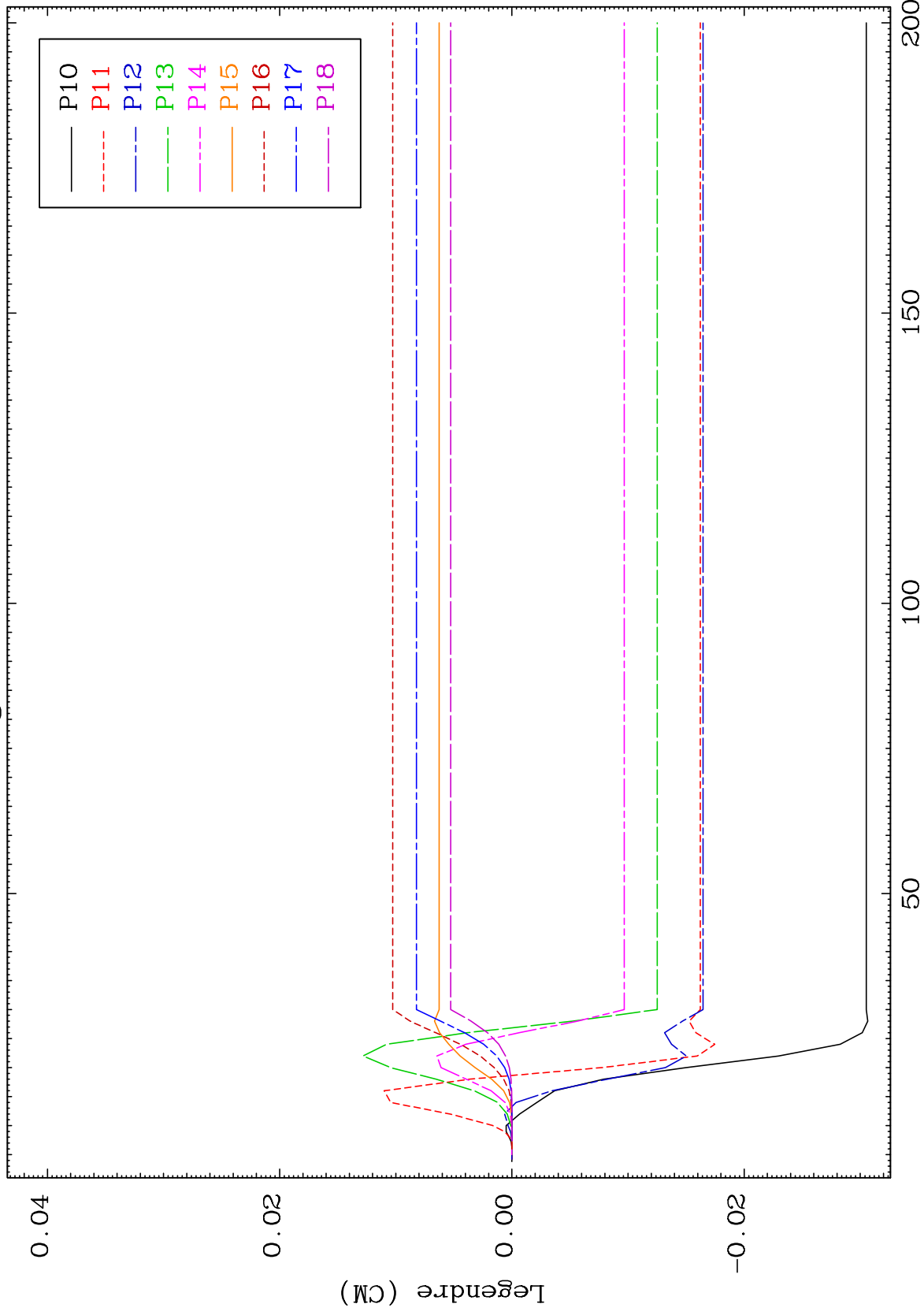
40-Zr-96



MAT 4043

MT= 67 (n,n') Level
Legendre Coefficients

40-Zr-96



81

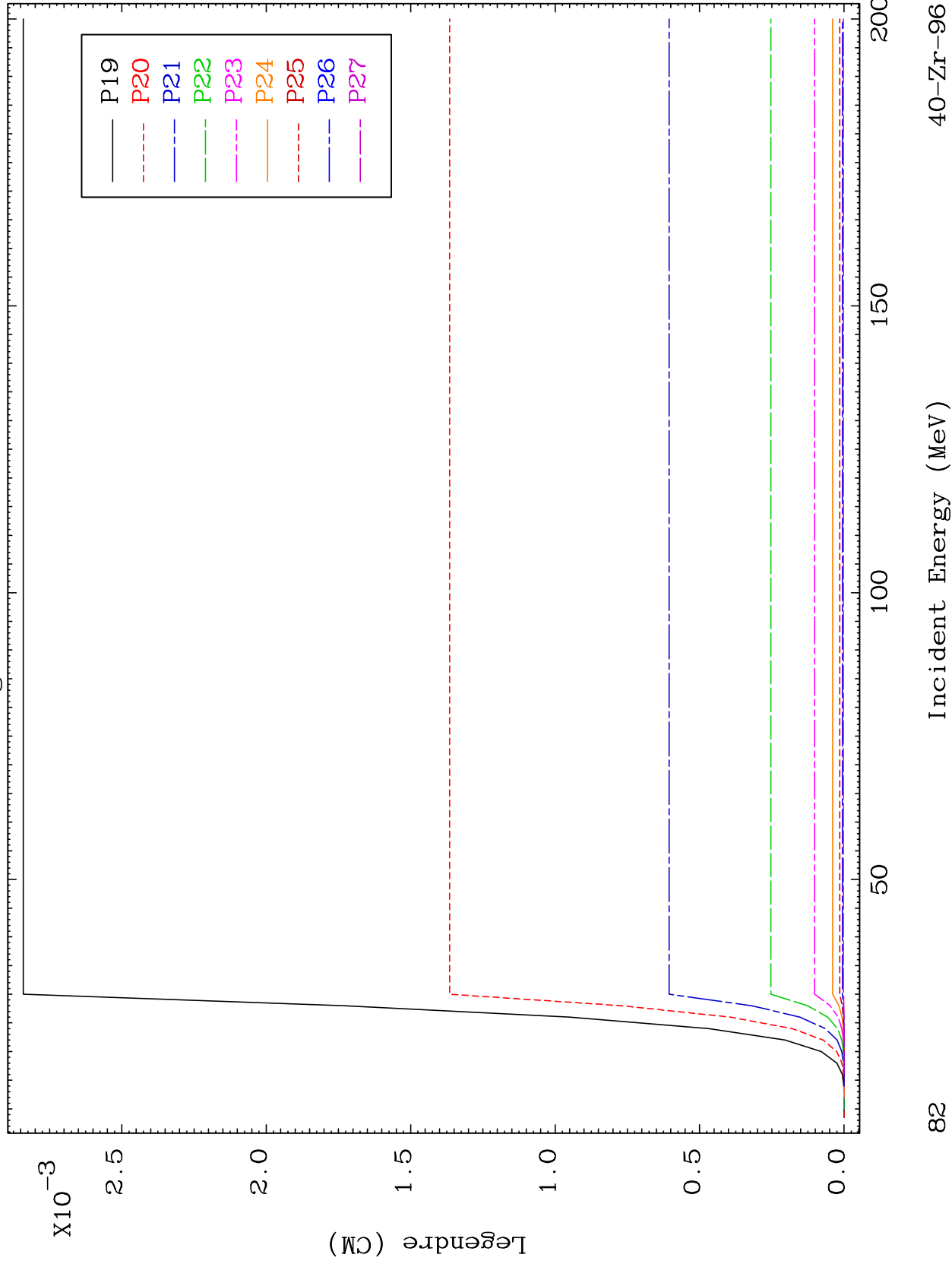
Incident Energy (MeV)

40-Zr-96

MAT 4043

MT= 67 (n,n') Level
Legendre Coefficients

40-Zr-96



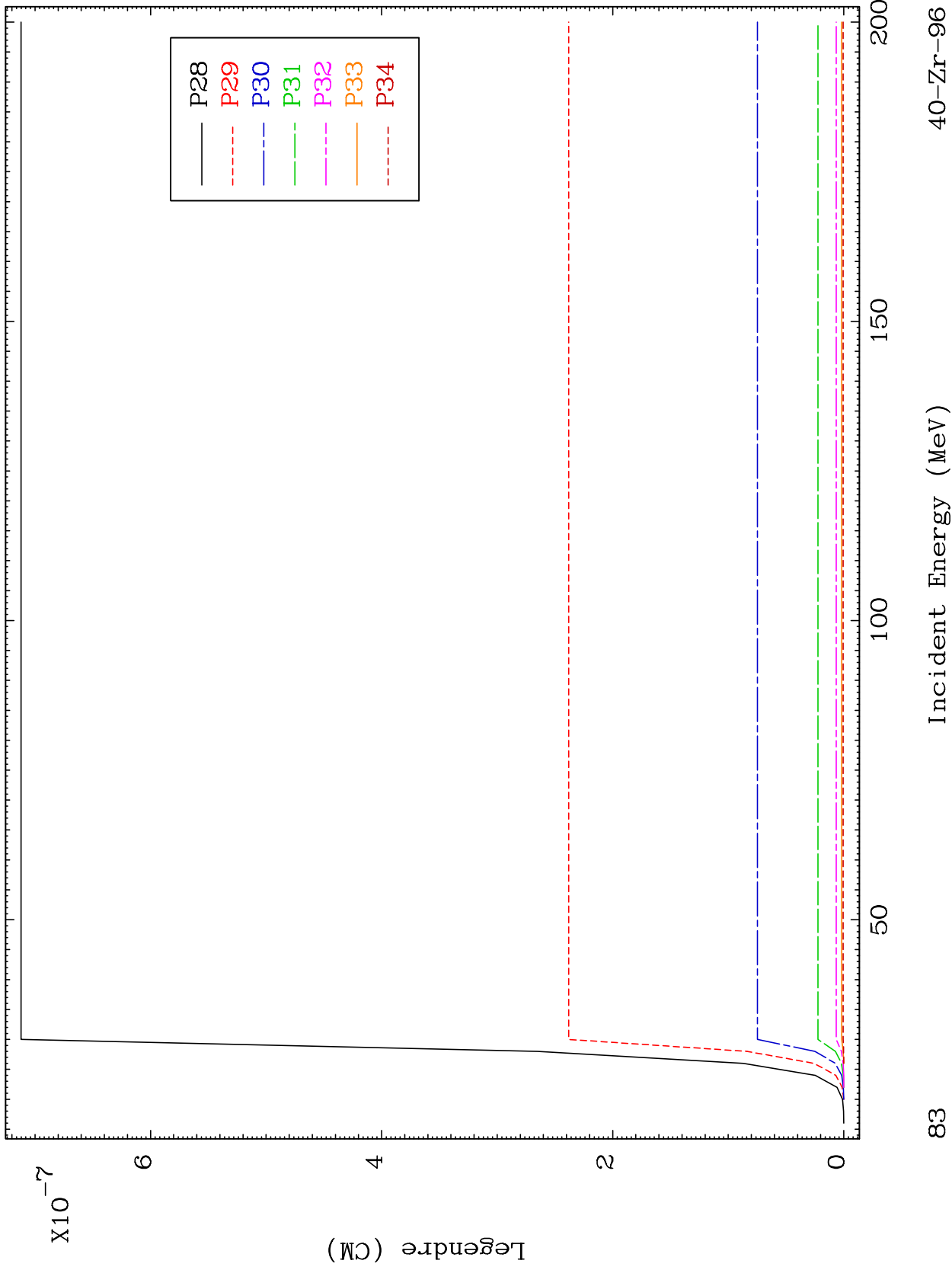
82

40-Zr-96

MAT 4043

MT= 67 (n,n') Level
Legendre Coefficients

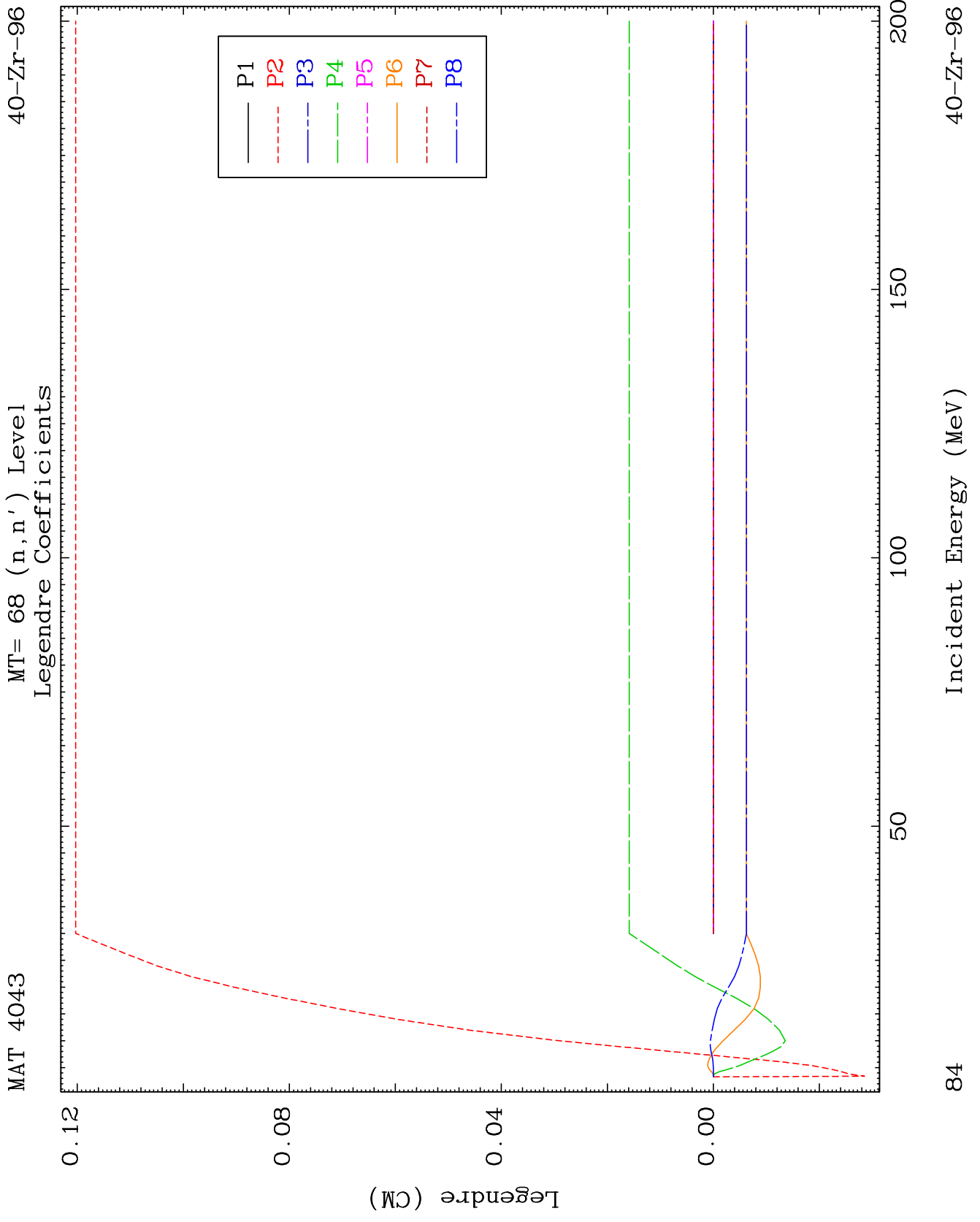
40-Zr-96



83

Incident Energy (MeV)

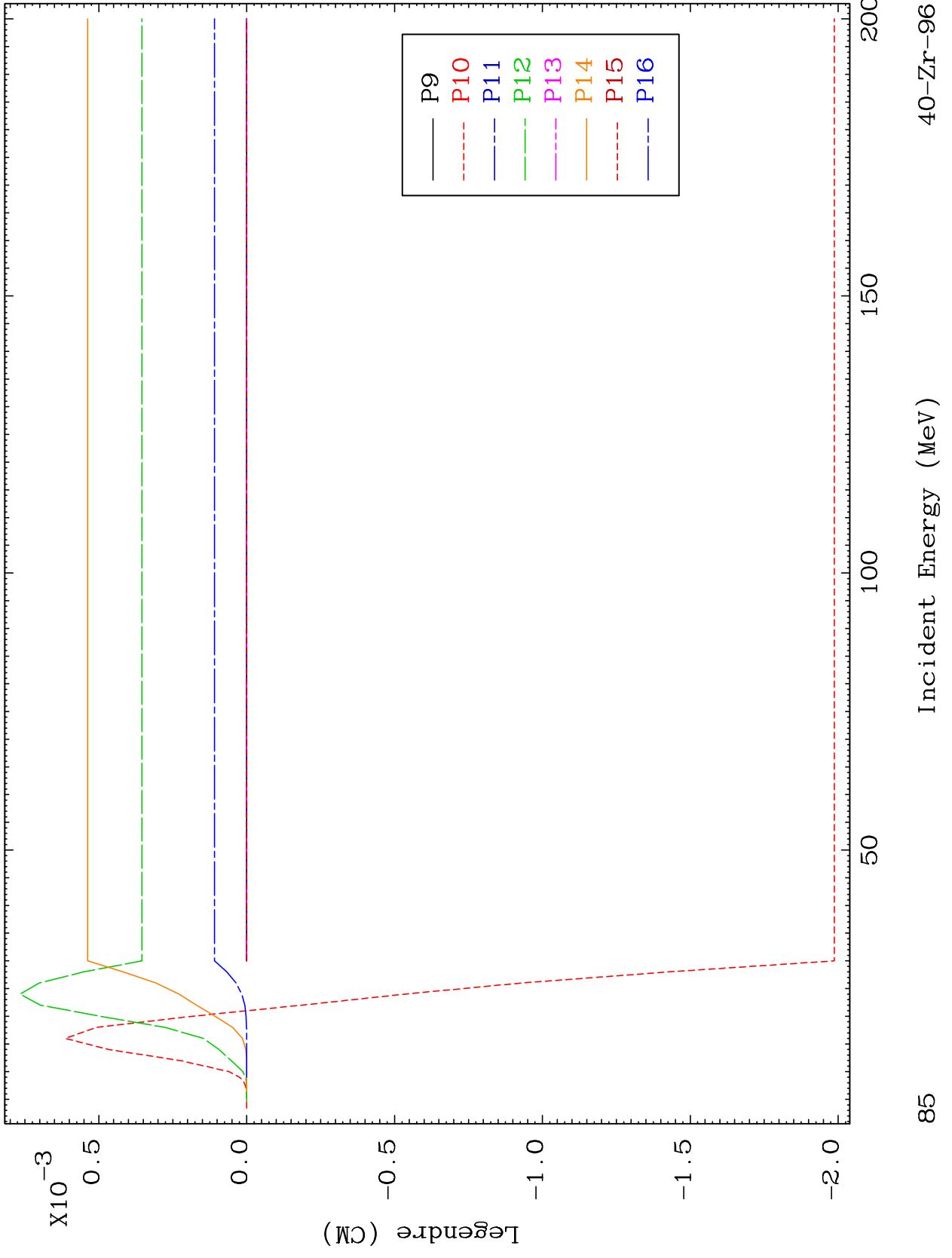
40-Zr-96



MAT 4043

MT= 68 (n,n') Level
Legendre Coefficients

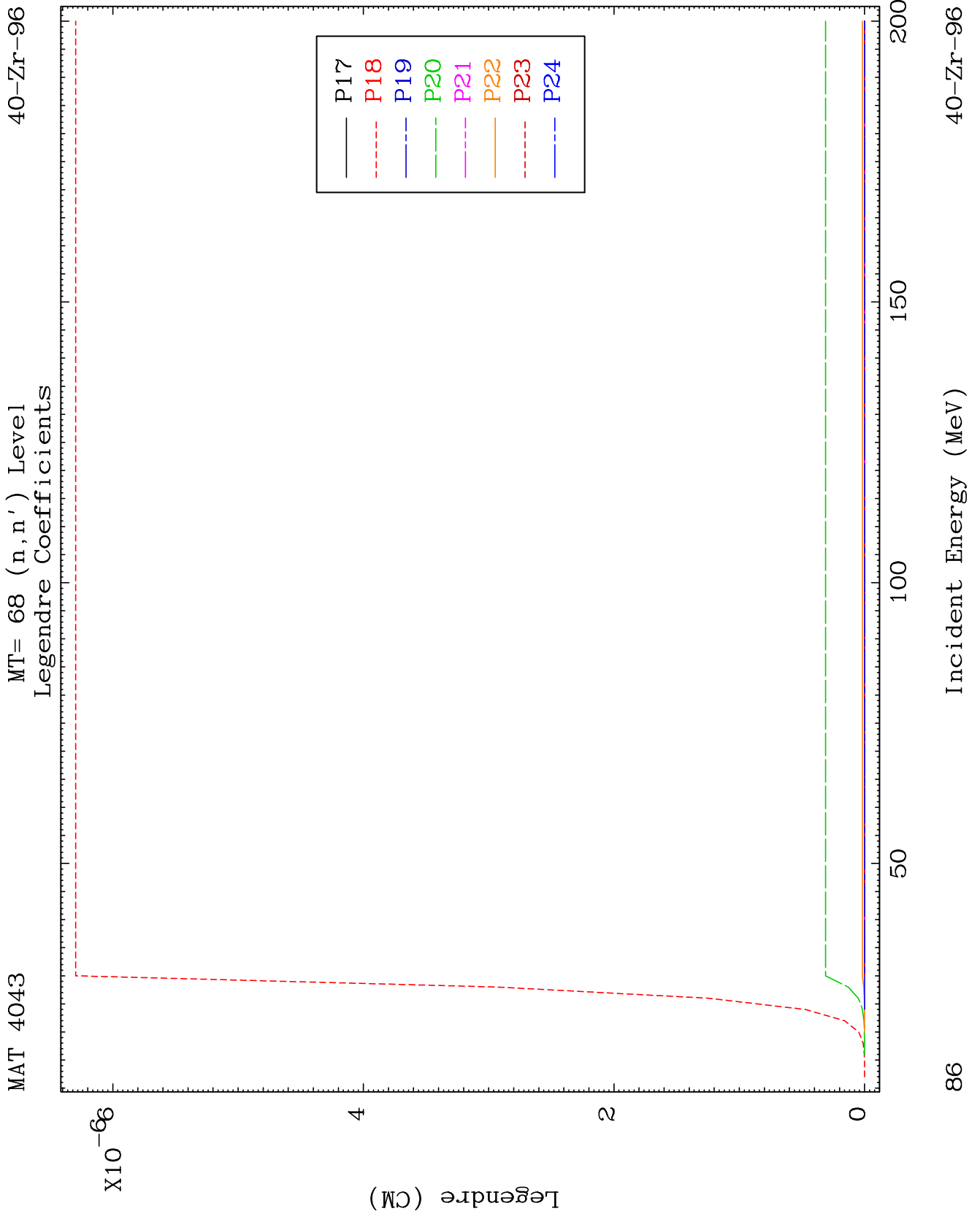
40-Zr-96

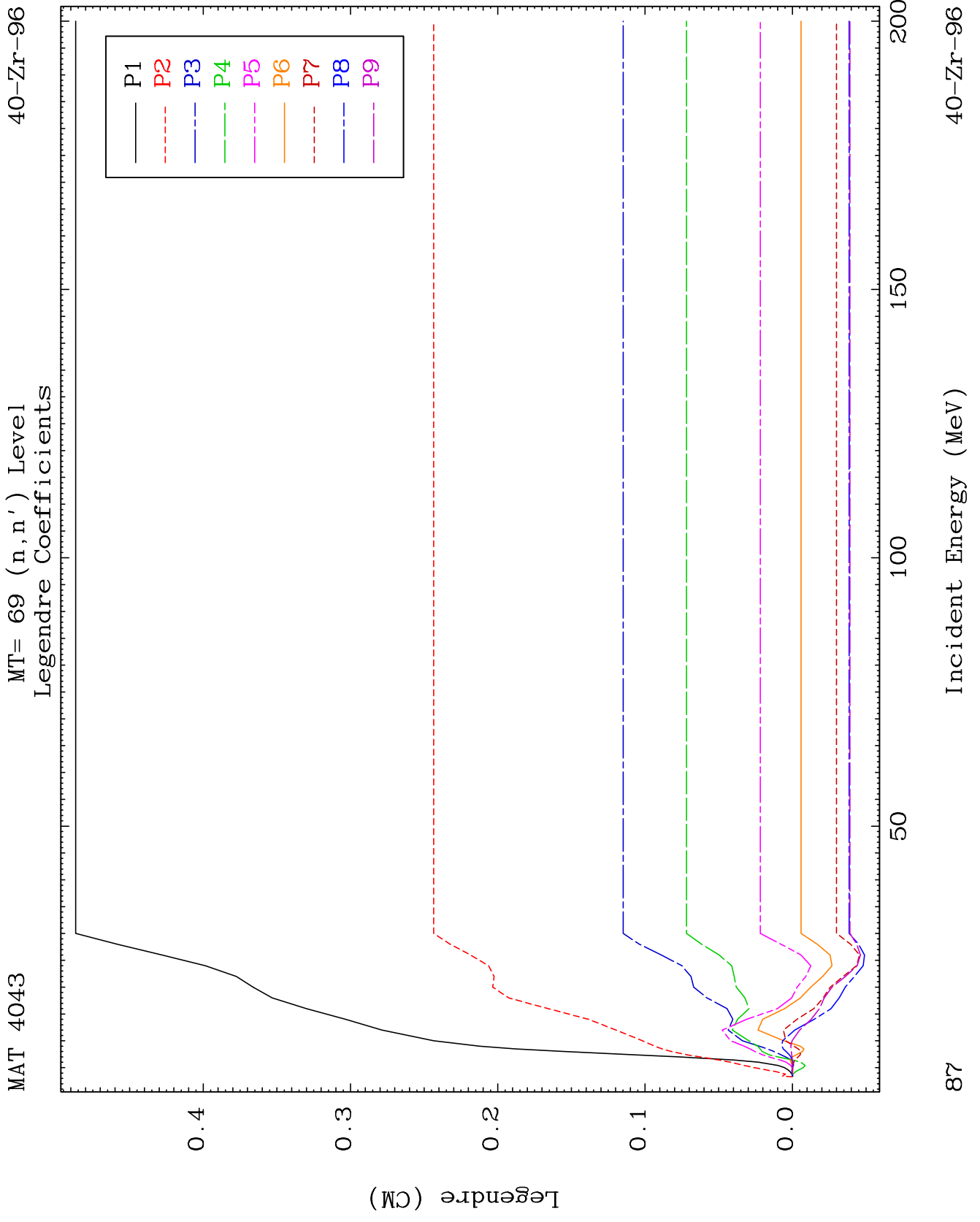


85

Incident Energy (MeV)

40-Zr-96

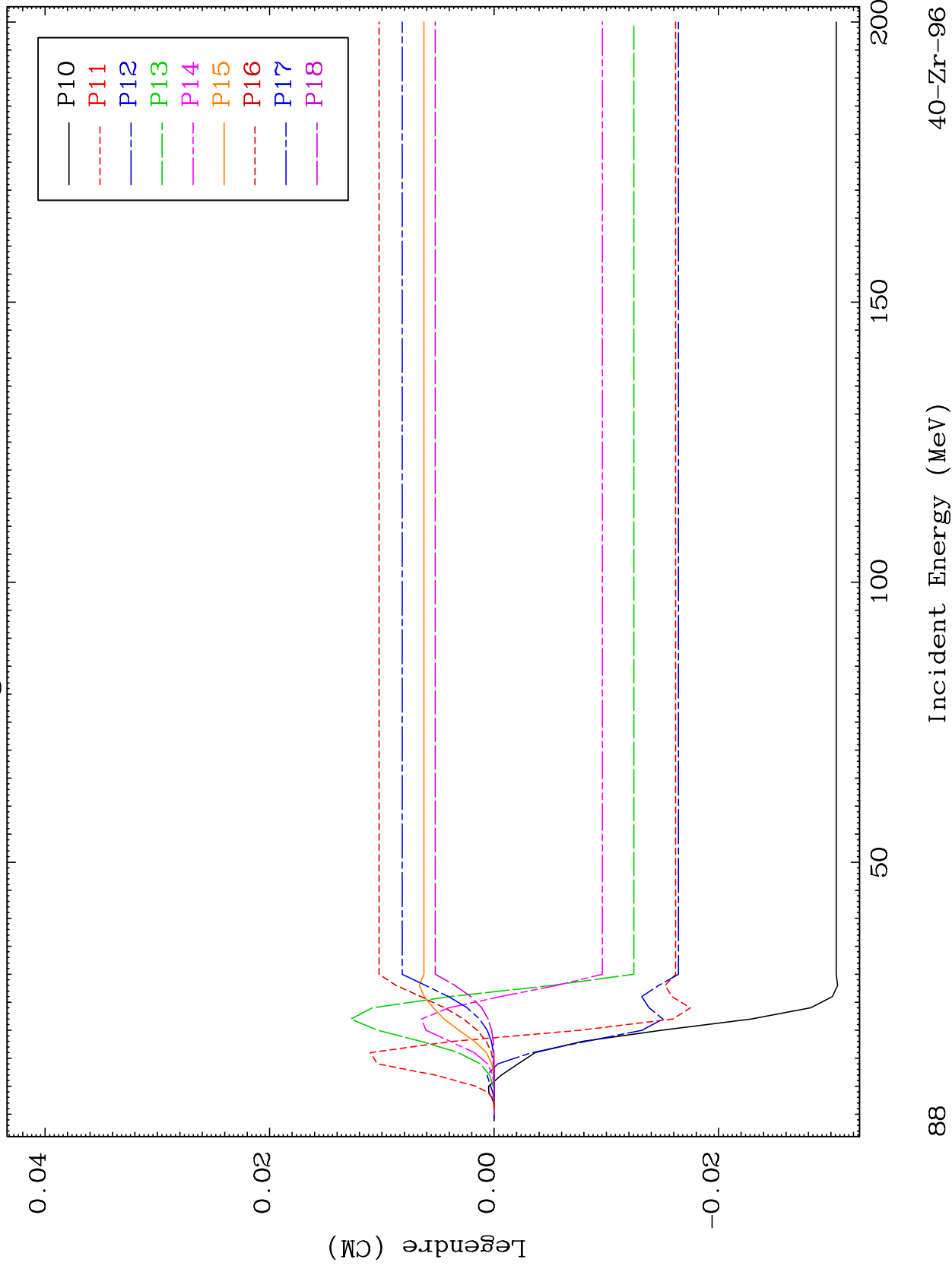




MAT 4043

MT= 69 (n,n') Level
Legendre Coefficients

40-Zr-96



88

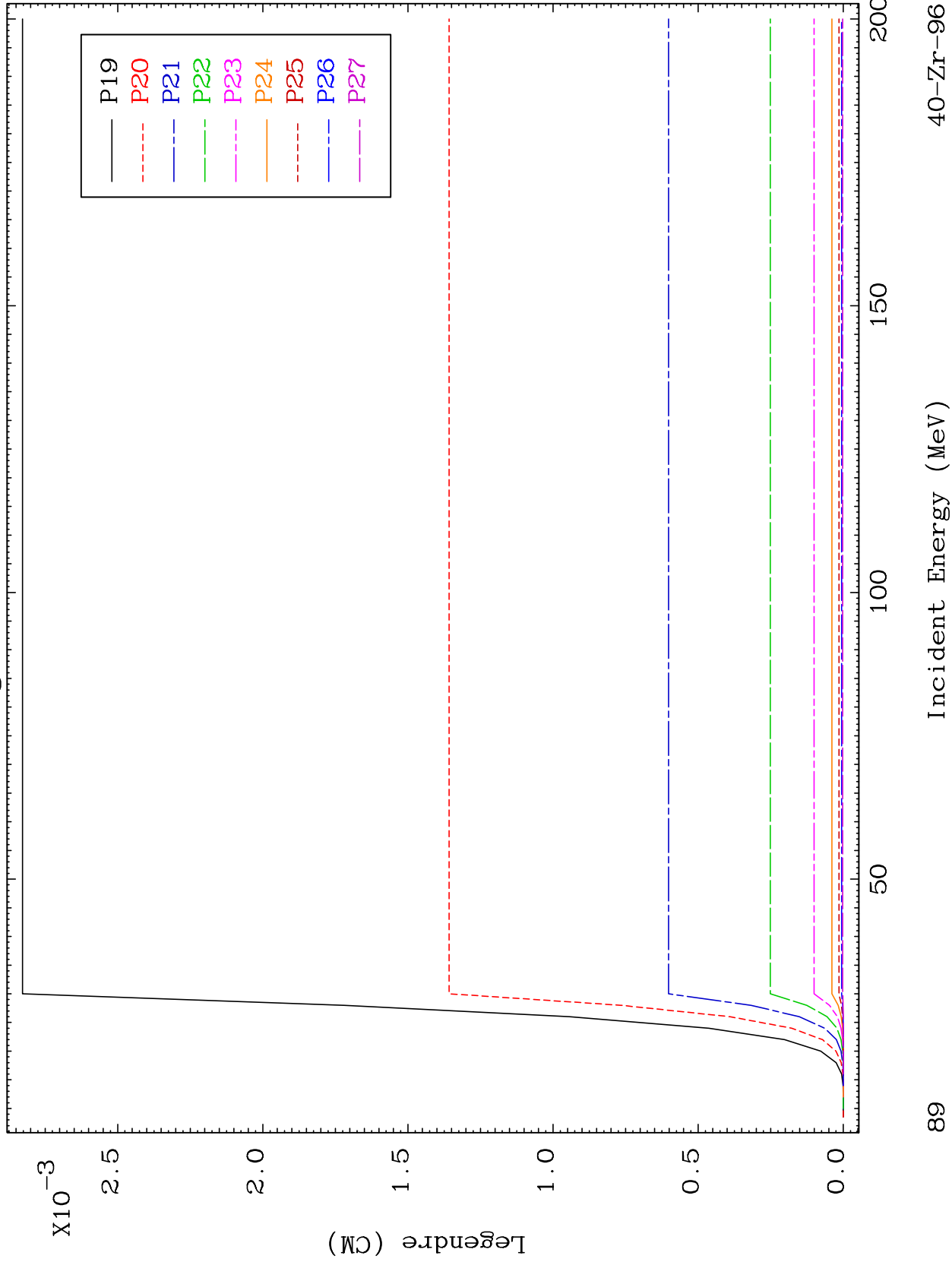
Incident Energy (MeV)

40-Zr-96

MAT 4043

MT= 69 (n,n') Level
Legendre Coefficients

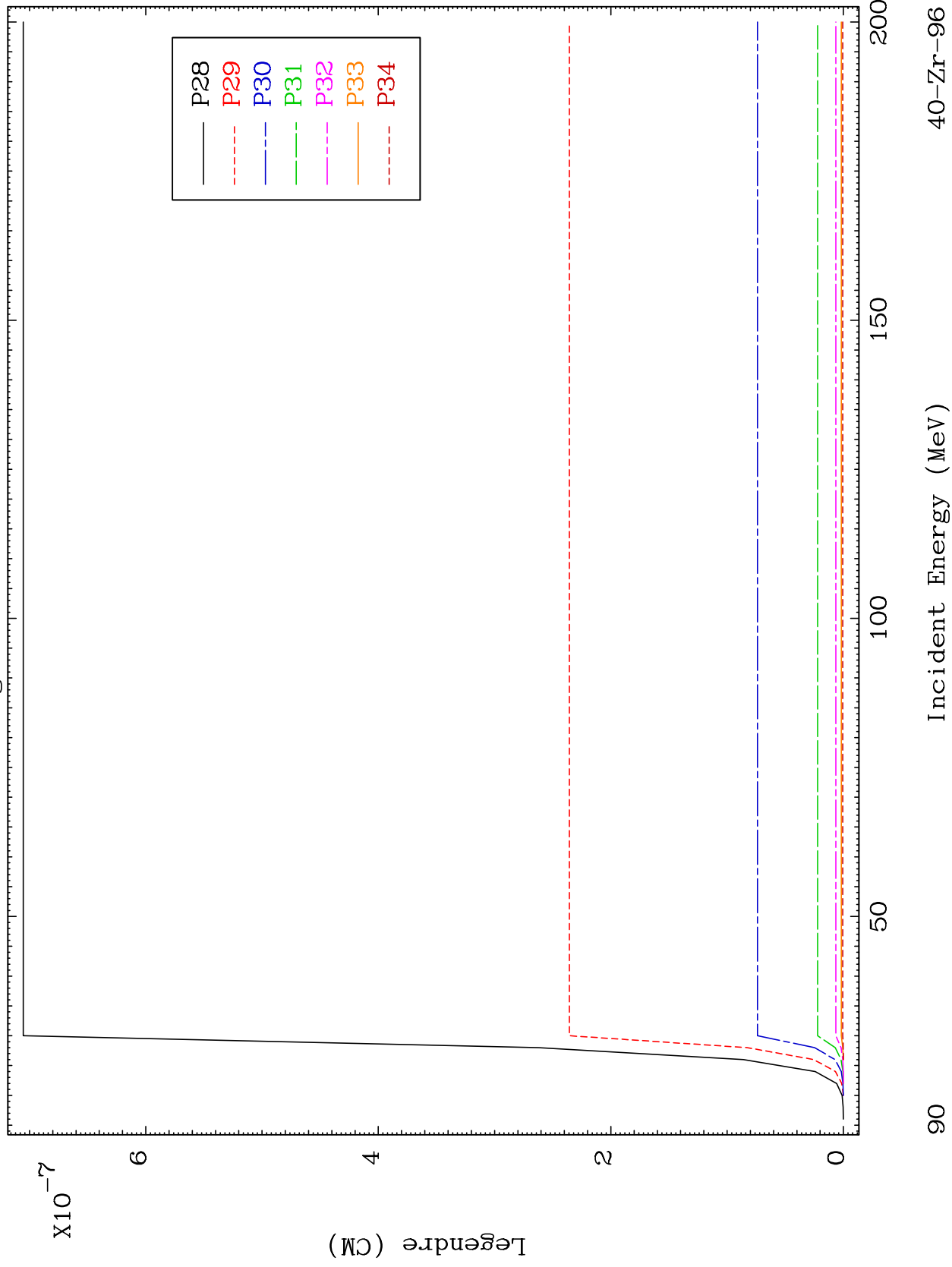
40-Zr-96



MAT 4043

MT= 69 (n,n') Level
Legendre Coefficients

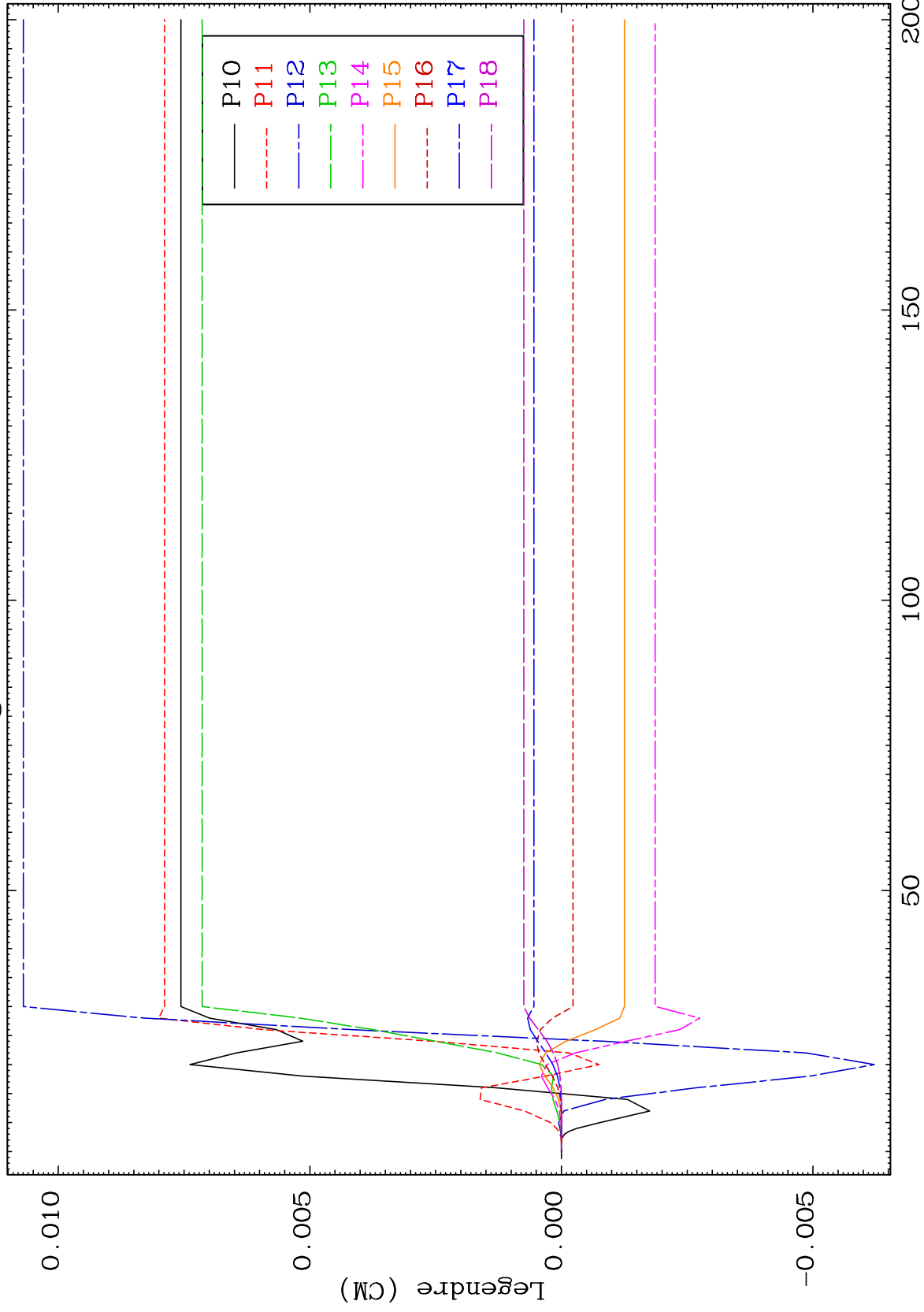
40-Zr-96



MAT 4043

MT= 70 (n,n') Level
Legendre Coefficients

40-Zr-96



92

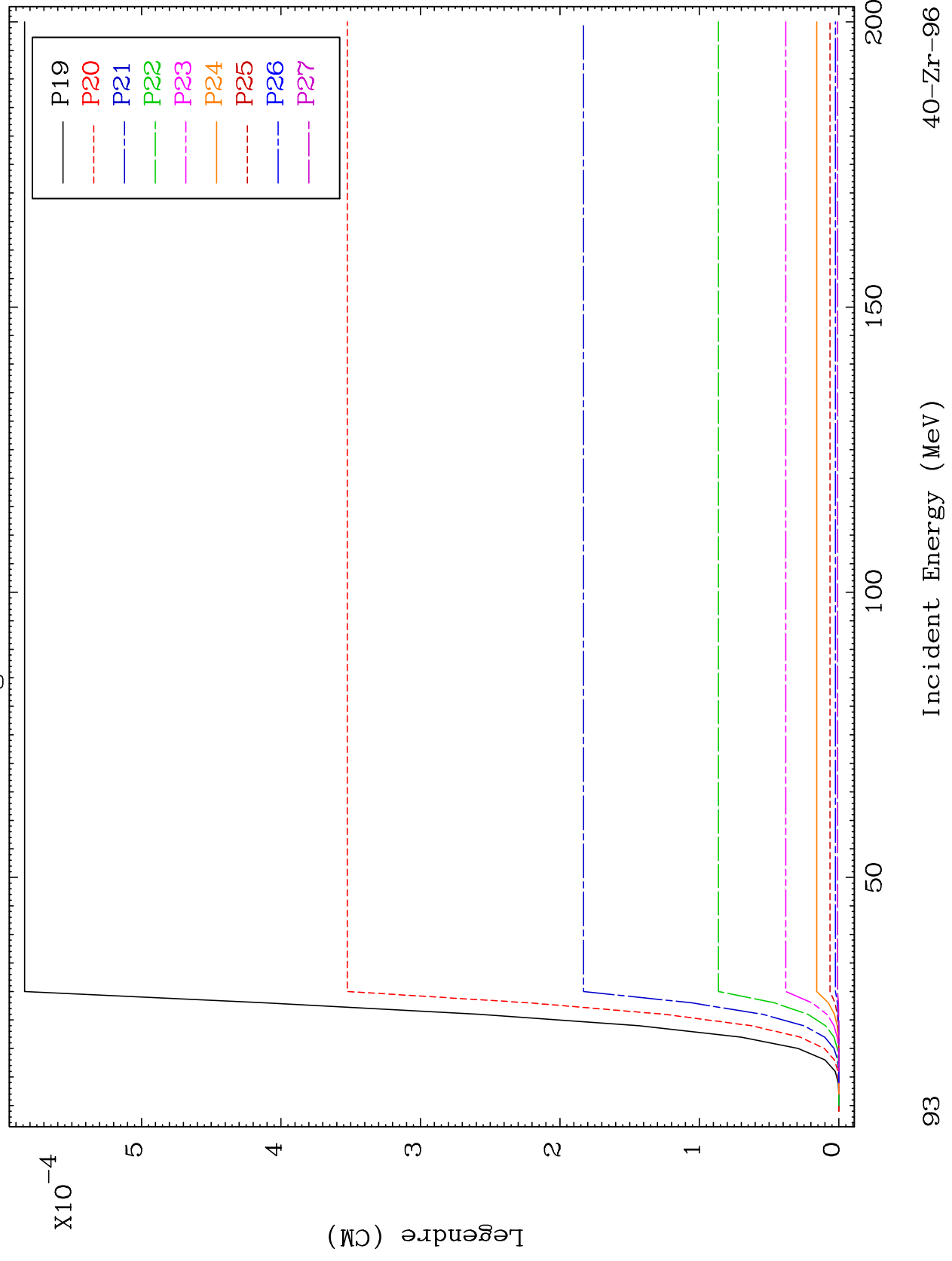
Incident Energy (MeV)

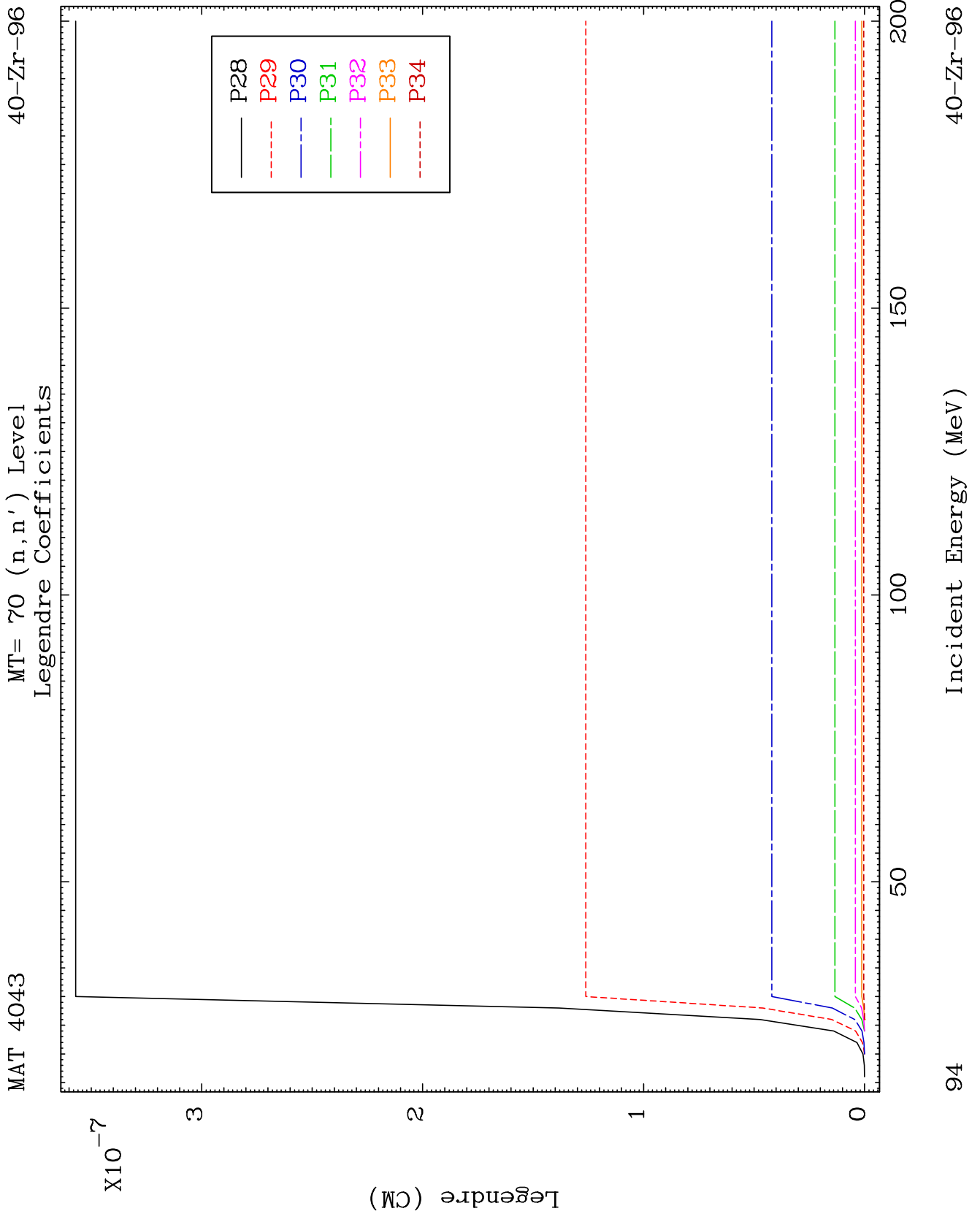
40-Zr-96

MAT 4043

MT= 70 (n,n') Level
Legendre Coefficients

40-Zr-96

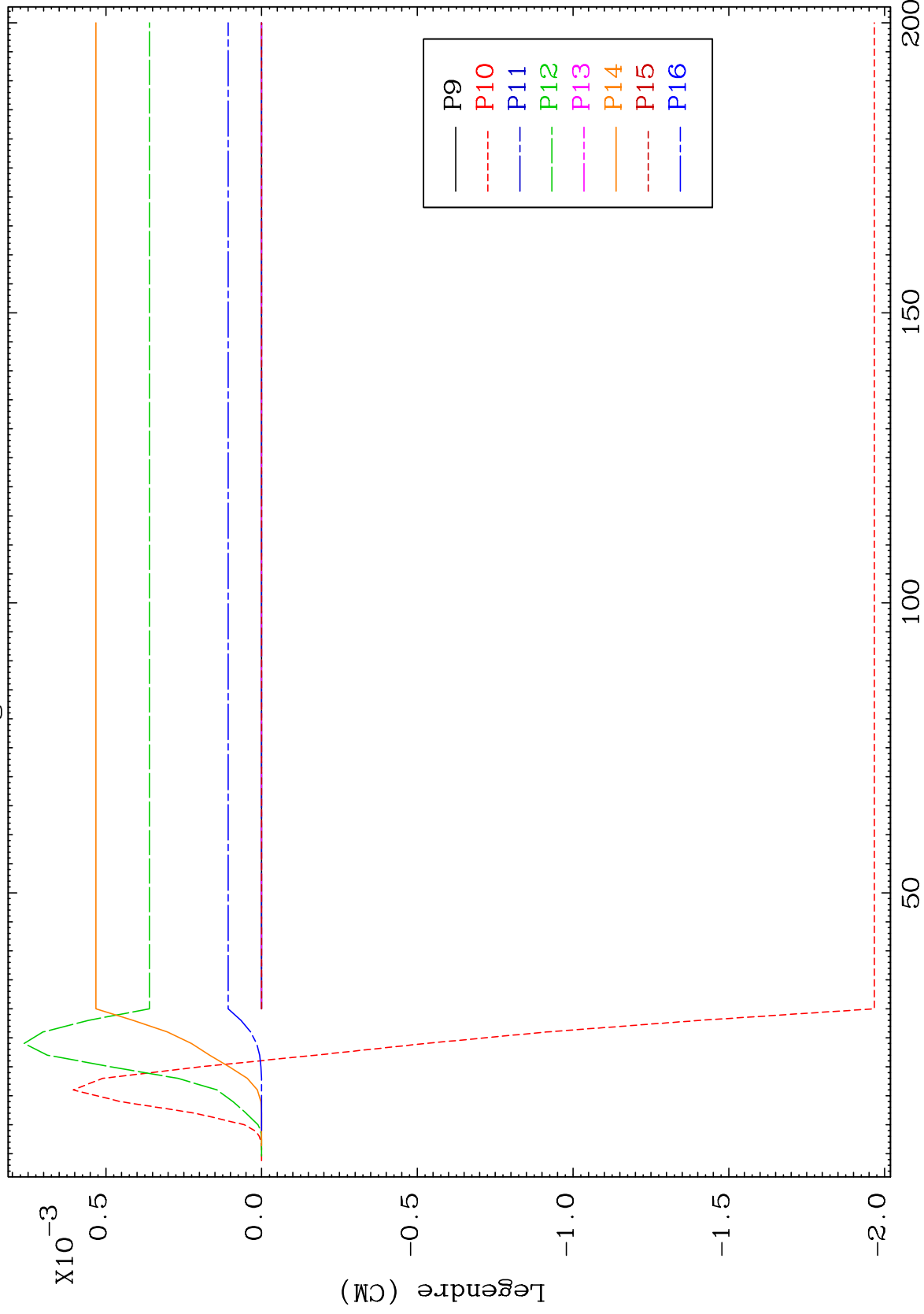




MAT 4043

MT= 71 (n,n') Level
Legendre Coefficients

40-Zr-96



96

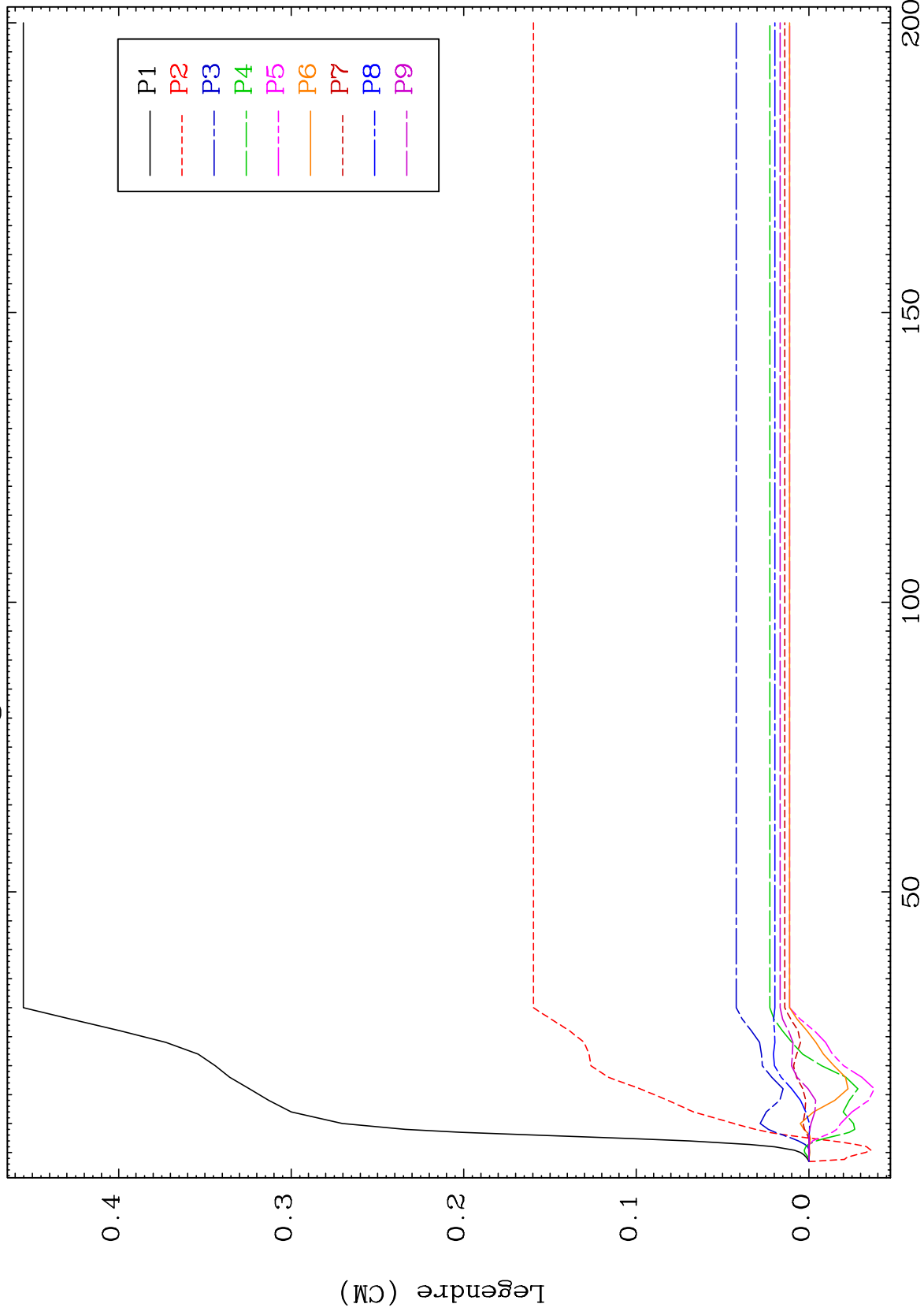
Incident Energy (MeV)

40-Zr-96

MAT 4043

MT= 72 (n,n') Level
Legendre Coefficients

40-Zr-96



98

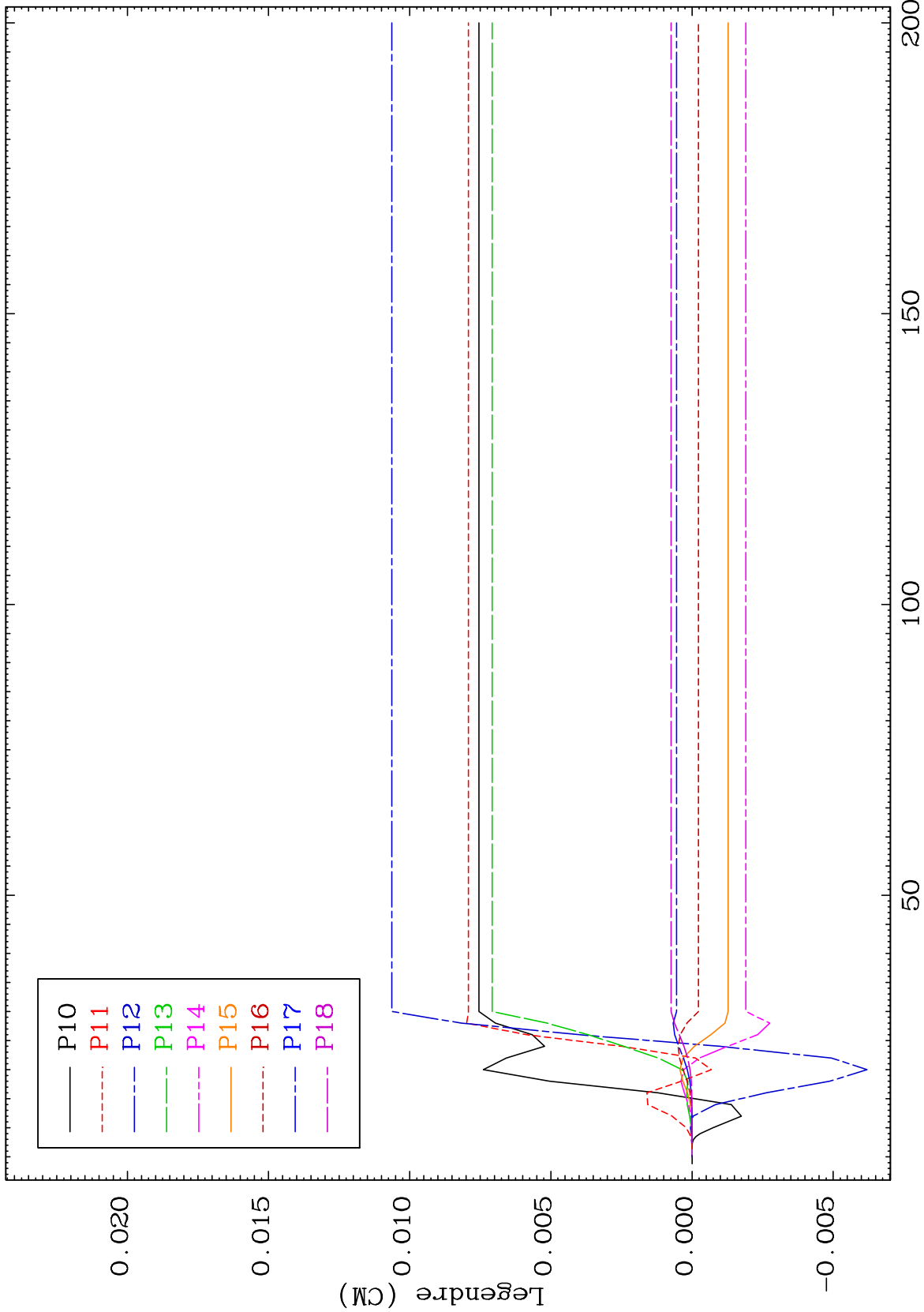
Incident Energy (MeV)

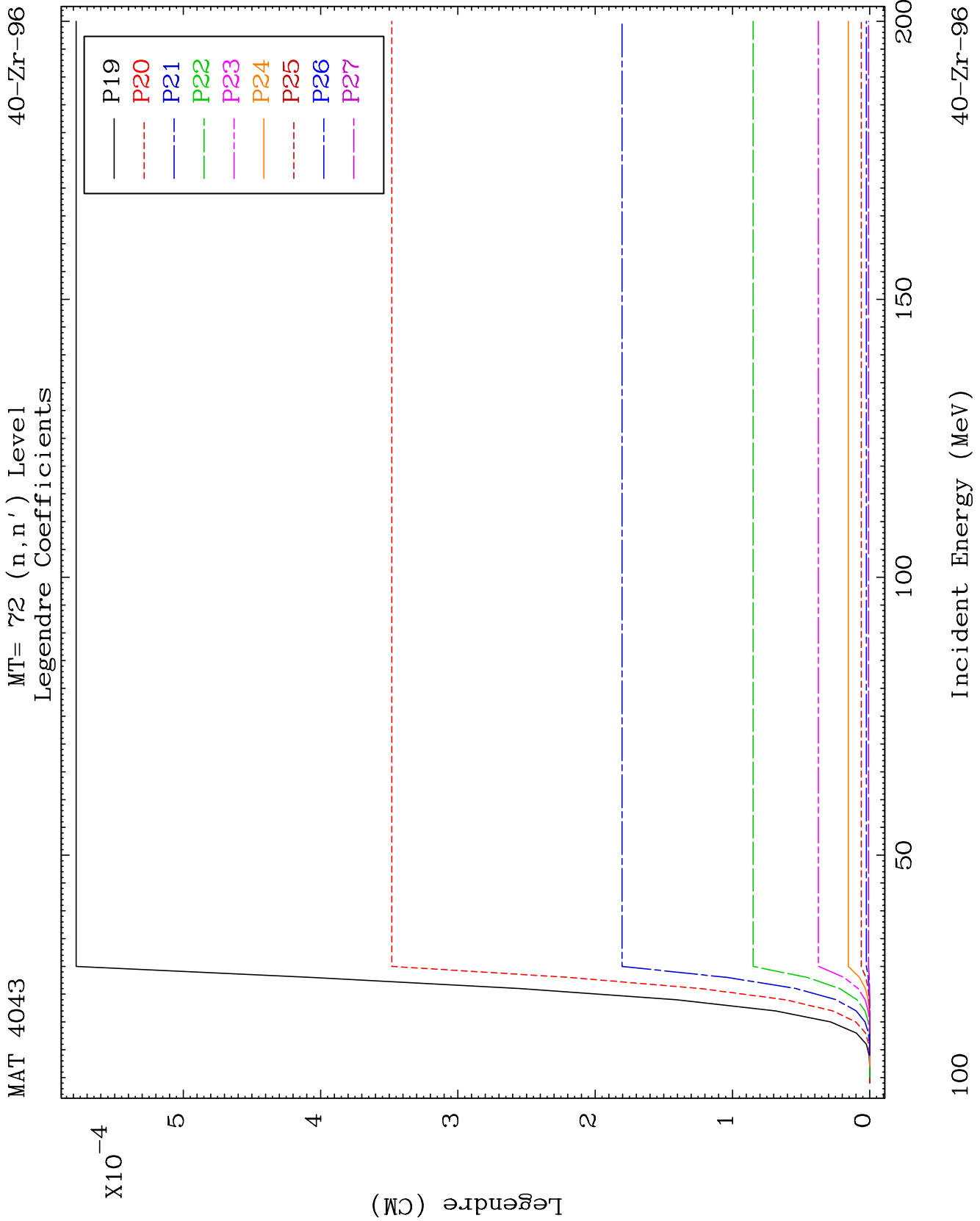
40-Zr-96

MAT 4043

MT= 72 (n,n') Level
Legendre Coefficients

40-Zr-96

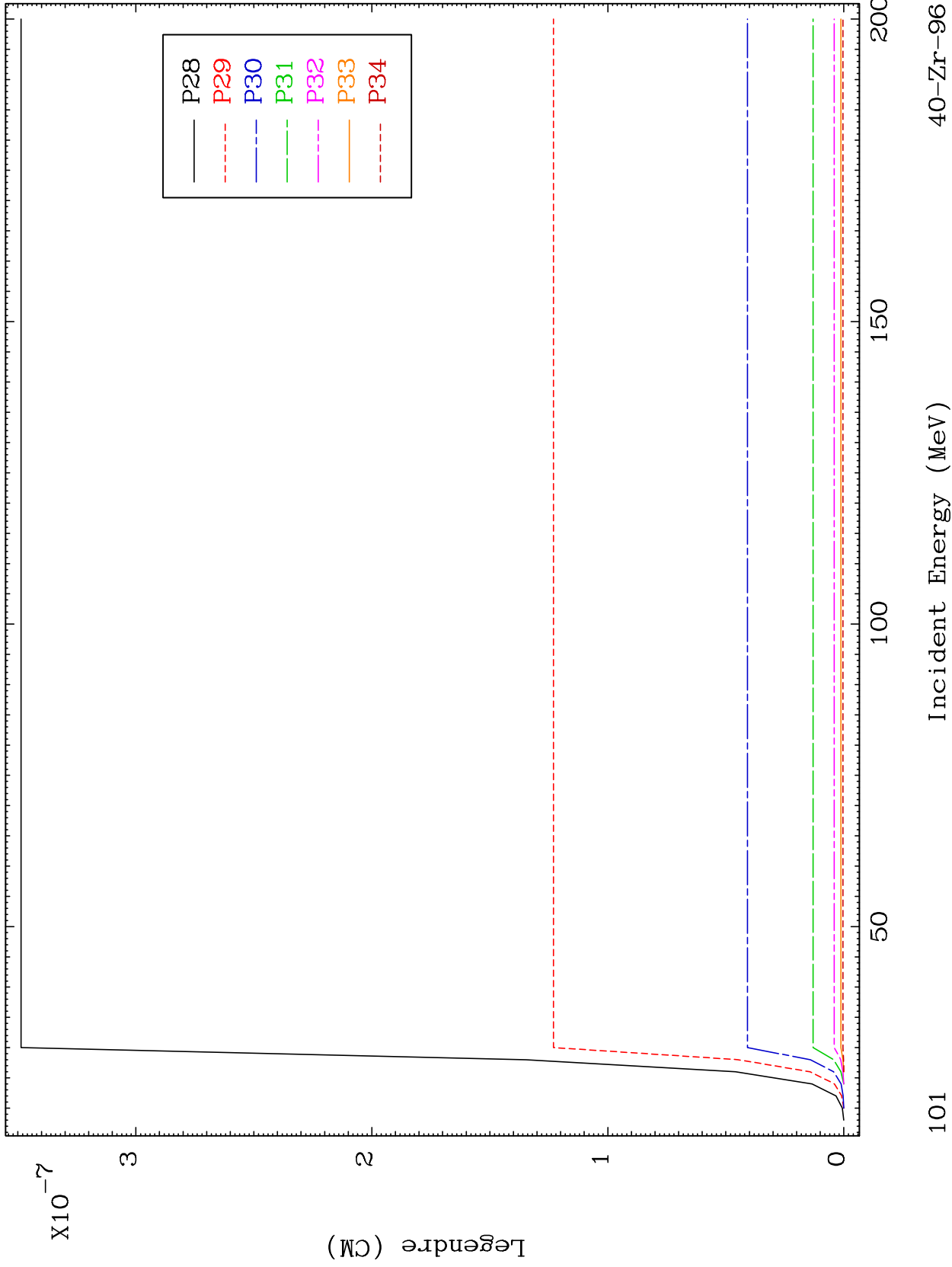




MAT 4043

MT= 72 (n,n') Level
Legendre Coefficients

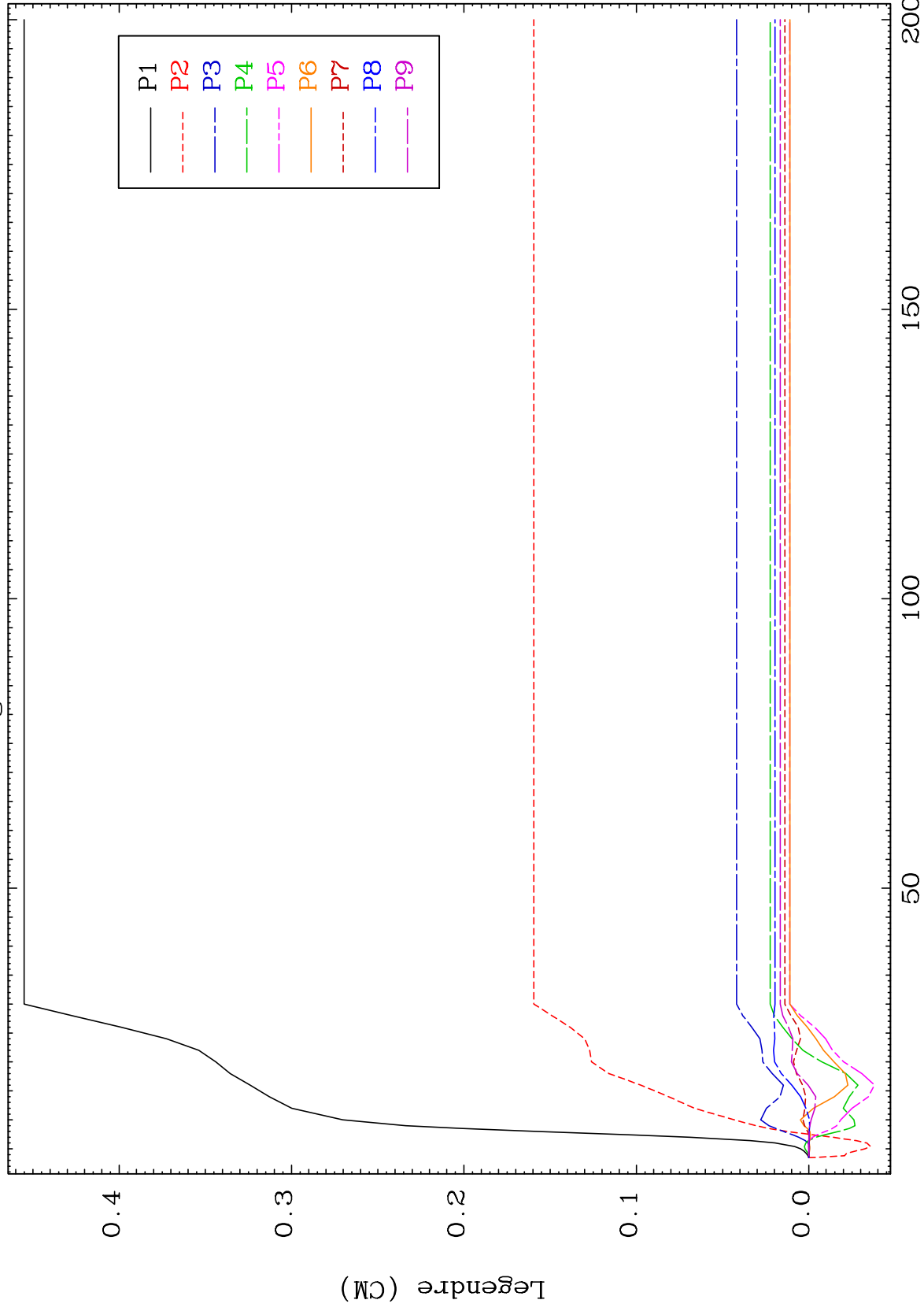
40-Zr-96



MAT 4043

MT= 73 (n,n') Level
Legendre Coefficients

40-Zr-96



102

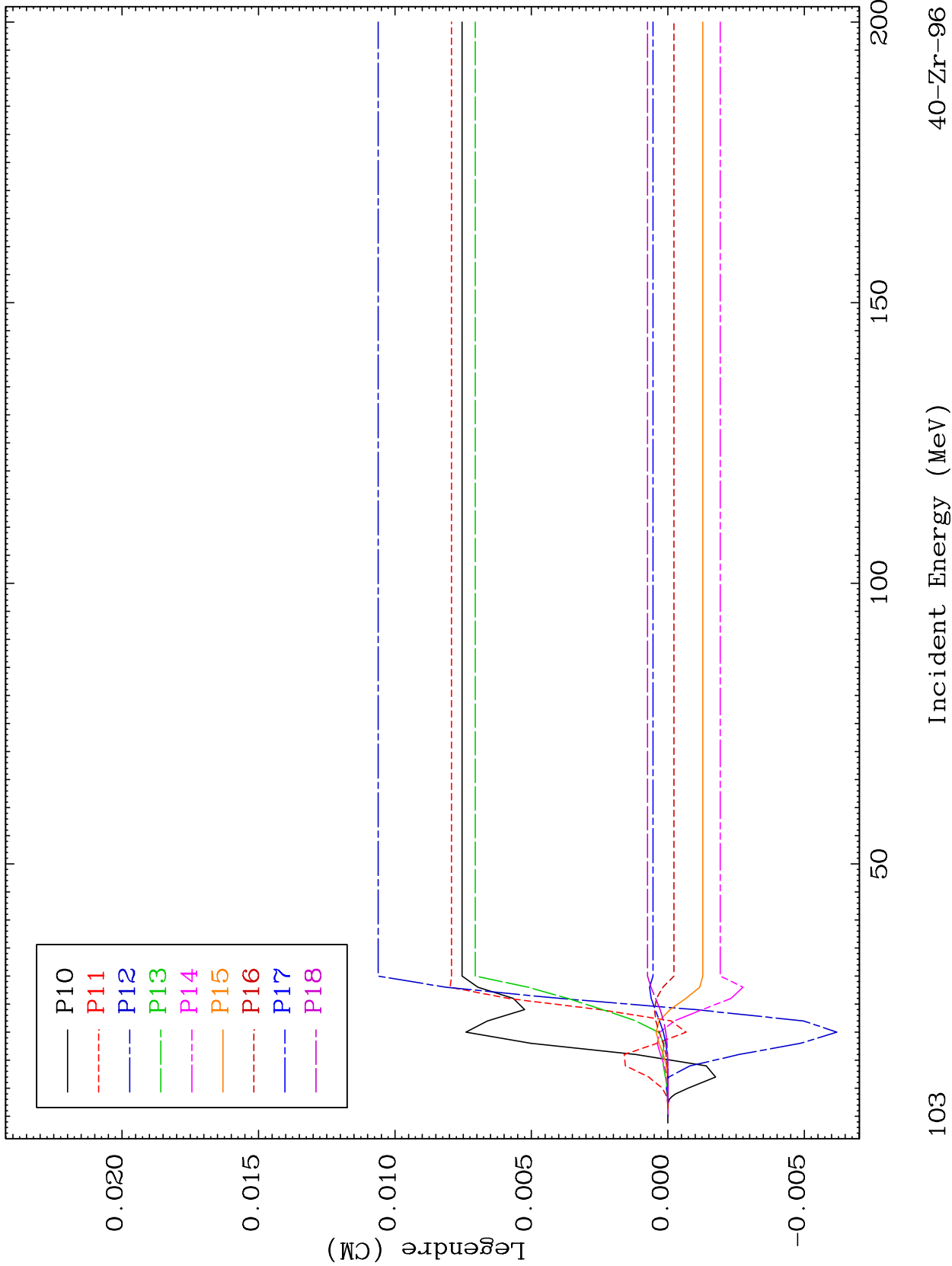
Incident Energy (MeV)

40-Zr-96

MAT 4043

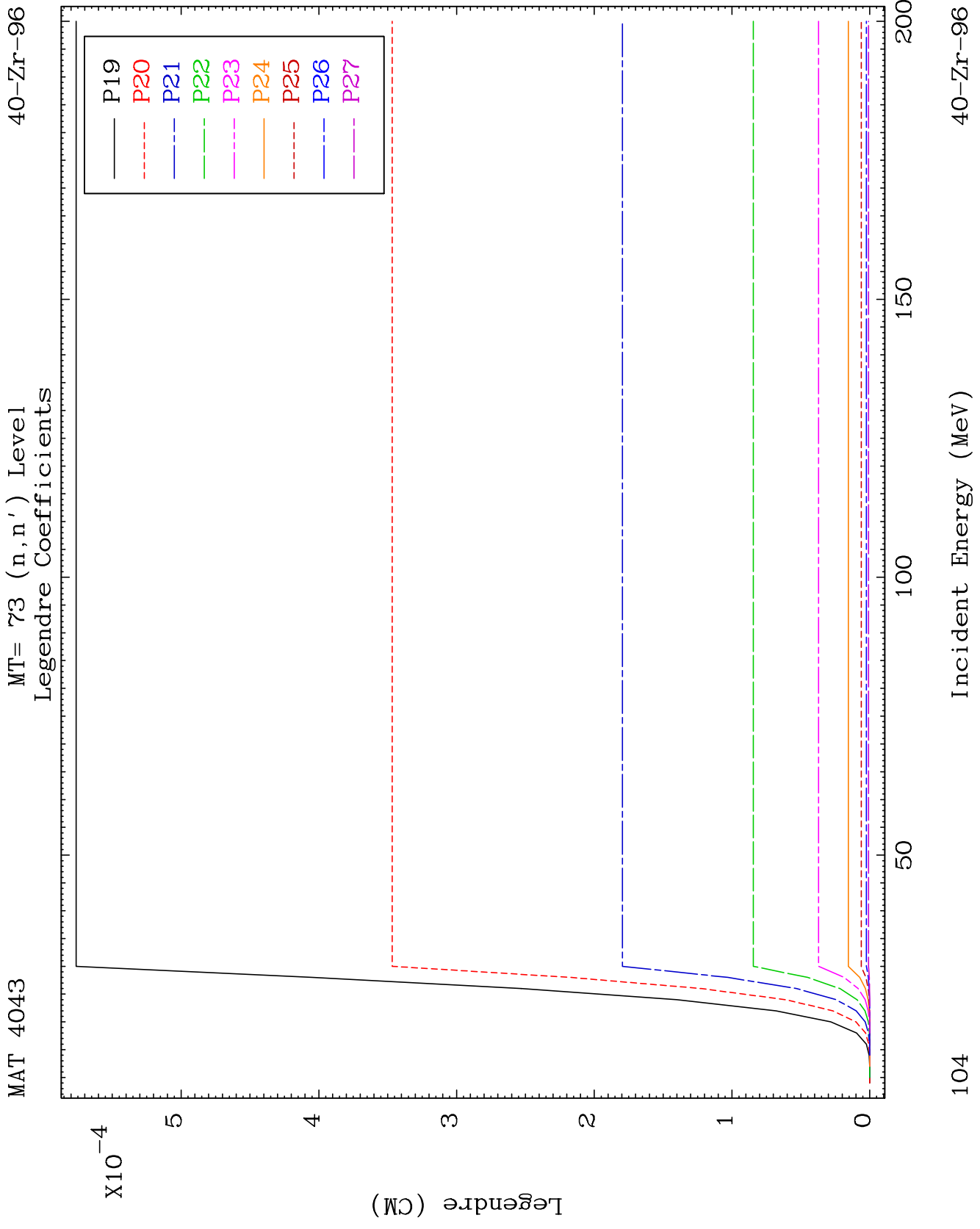
MT= 73 (n,n') Level
Legendre Coefficients

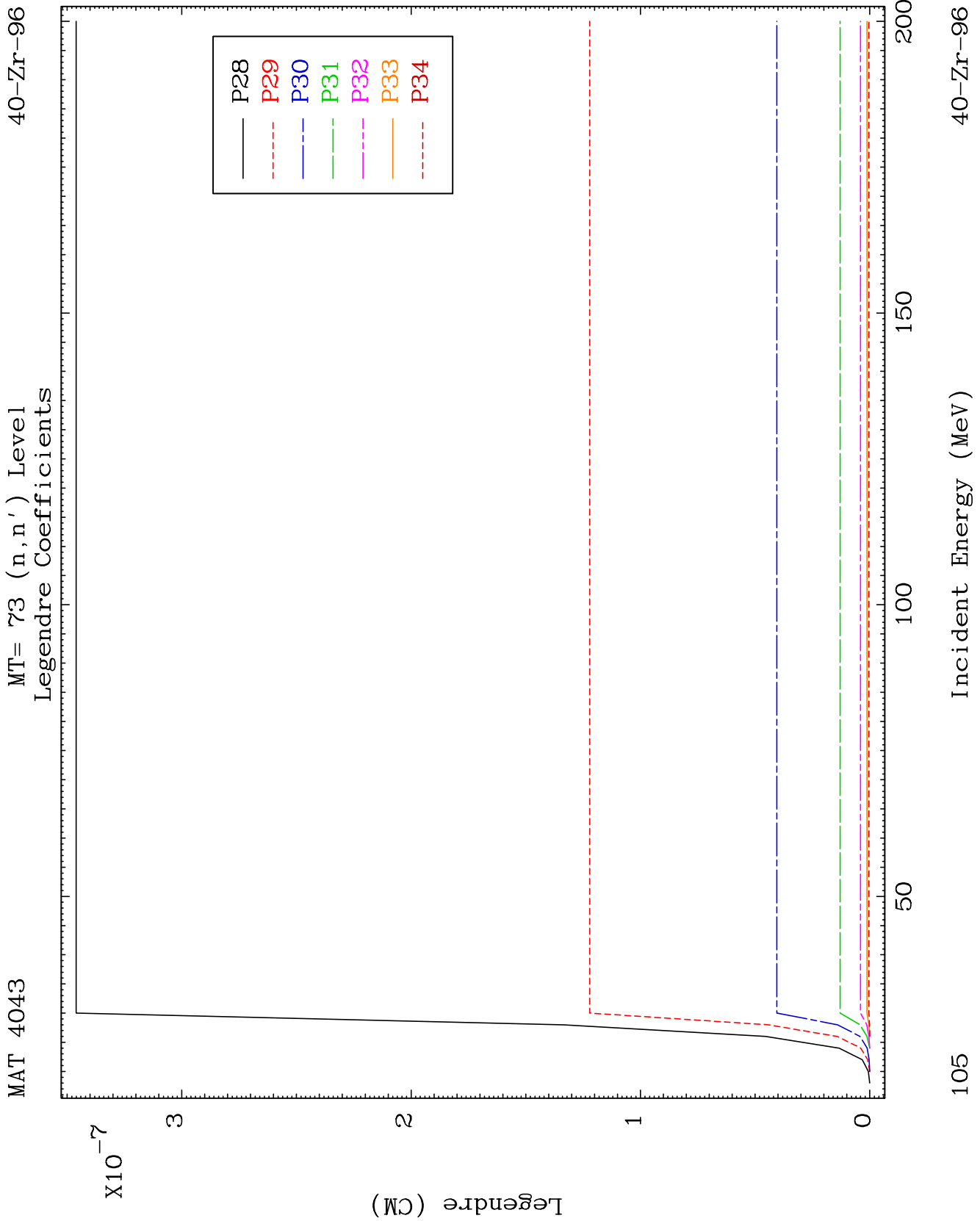
40-Zr-96

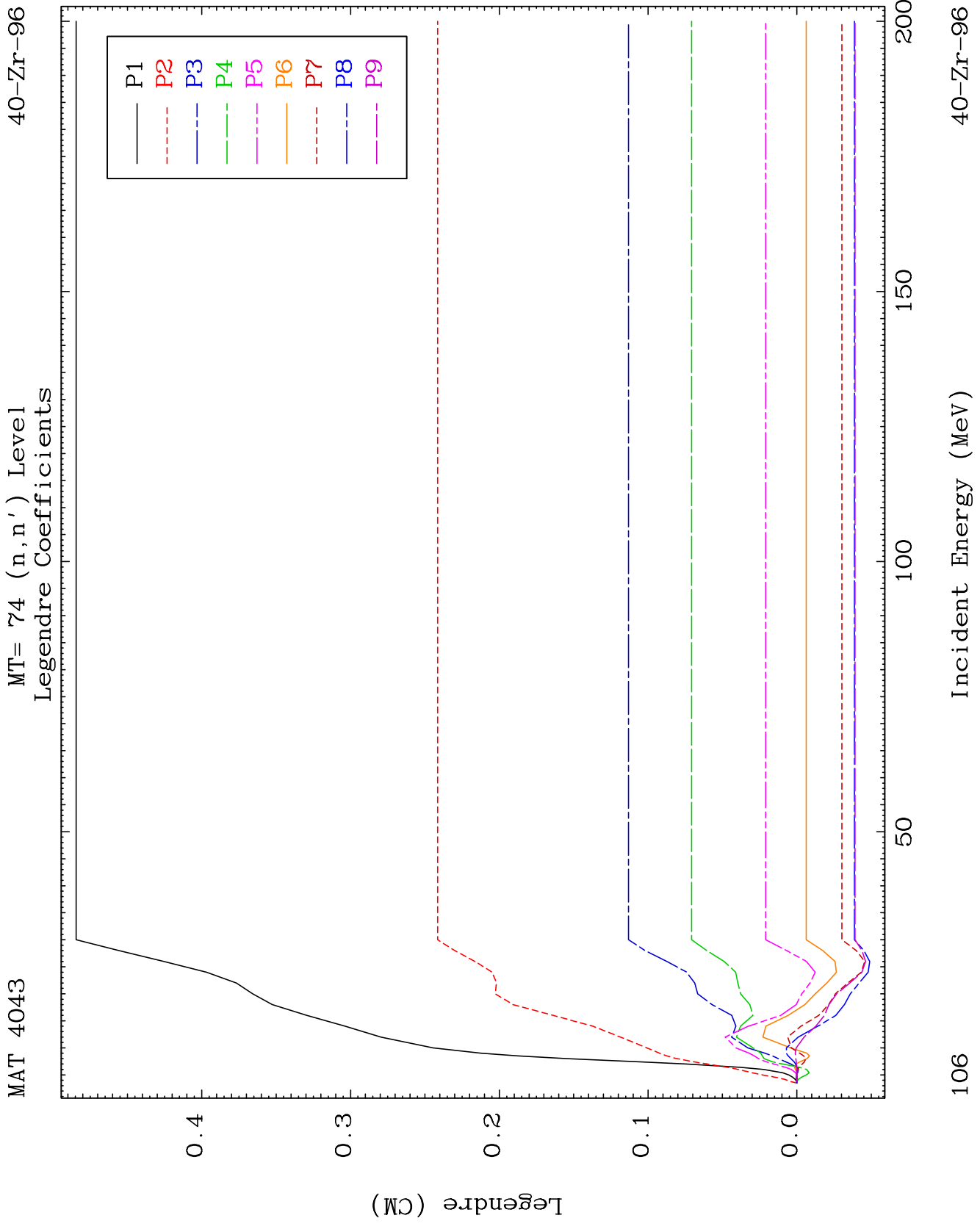


103

40-Zr-96



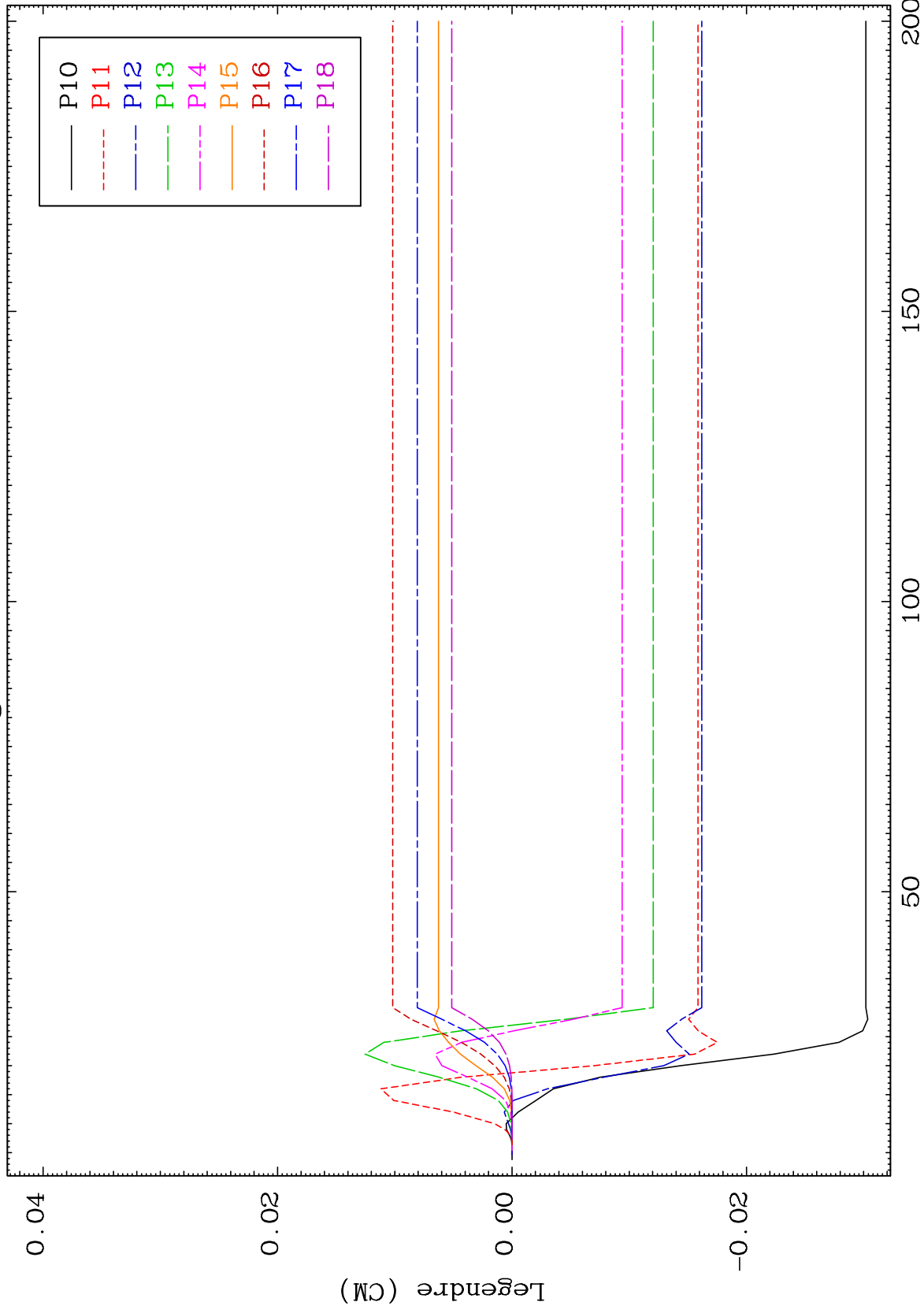




MAT 4043

MT= 74 (n,n') Level
Legendre Coefficients

40-Zr-96



107

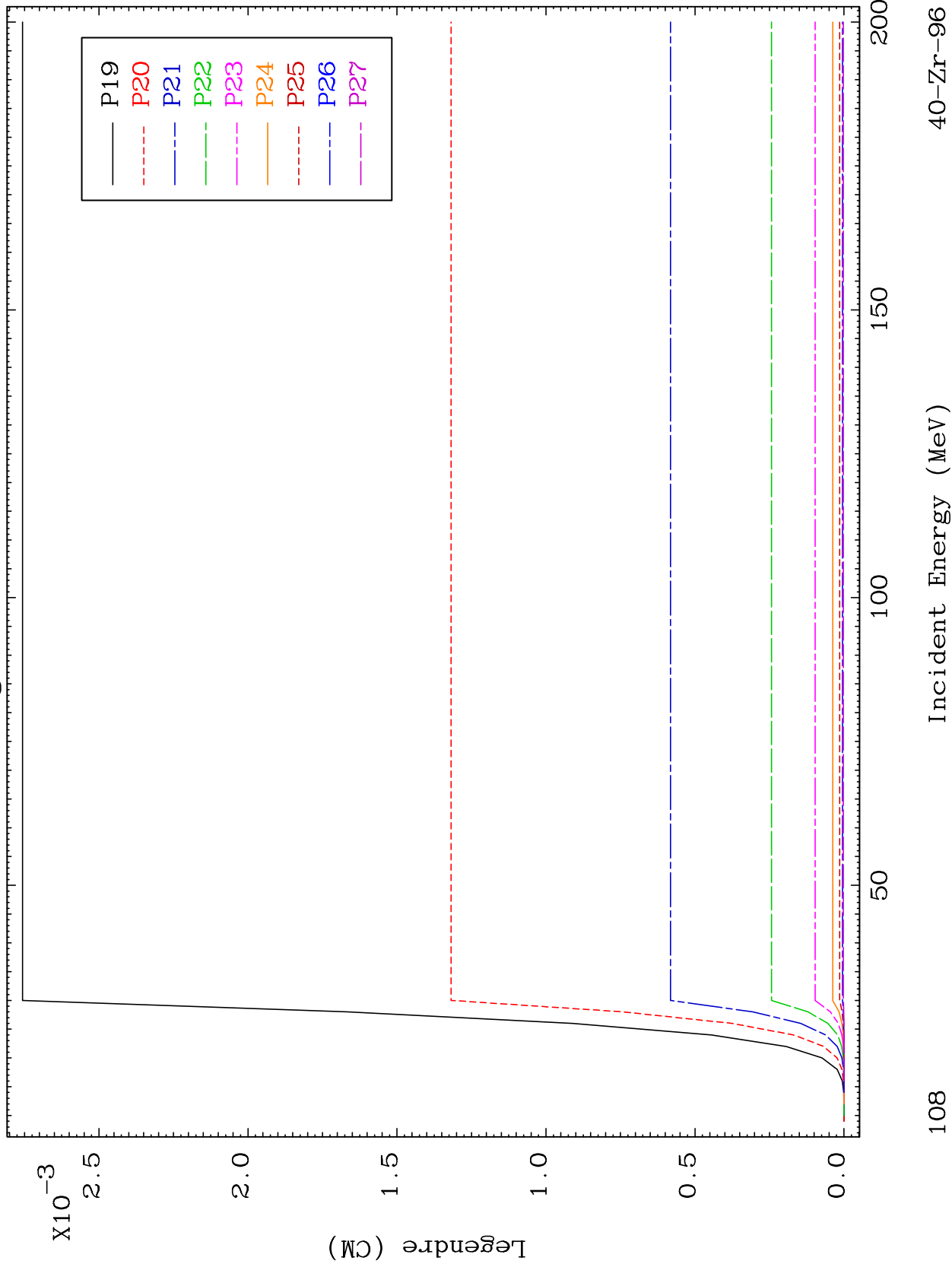
Incident Energy (MeV)

40-Zr-96

MAT 4043

MT= 74 (n,n') Level
Legendre Coefficients

40-Zr-96



108

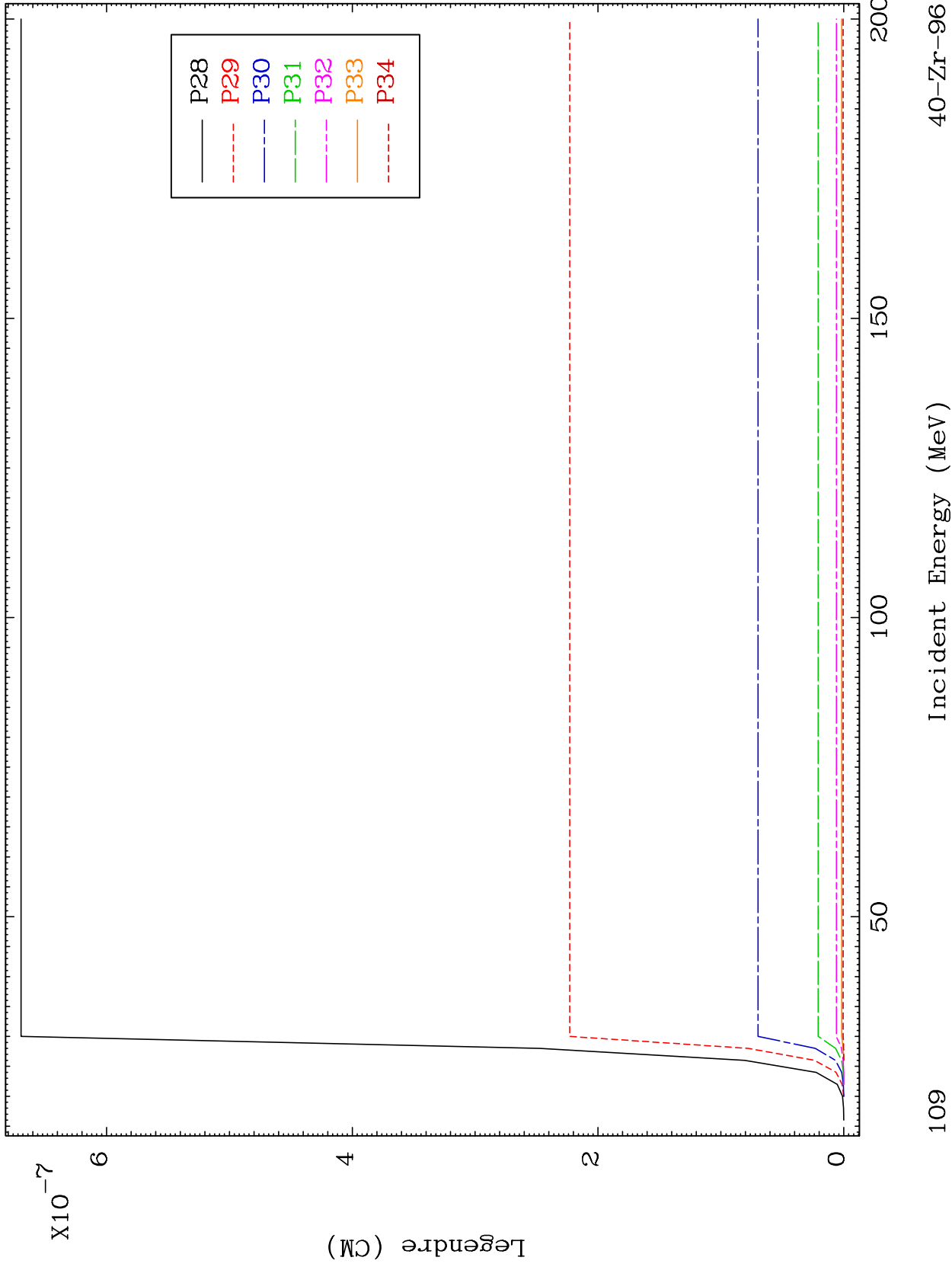
Incident Energy (MeV)

40-Zr-96

MAT 4043

MT= 74 (n,n') Level
Legendre Coefficients

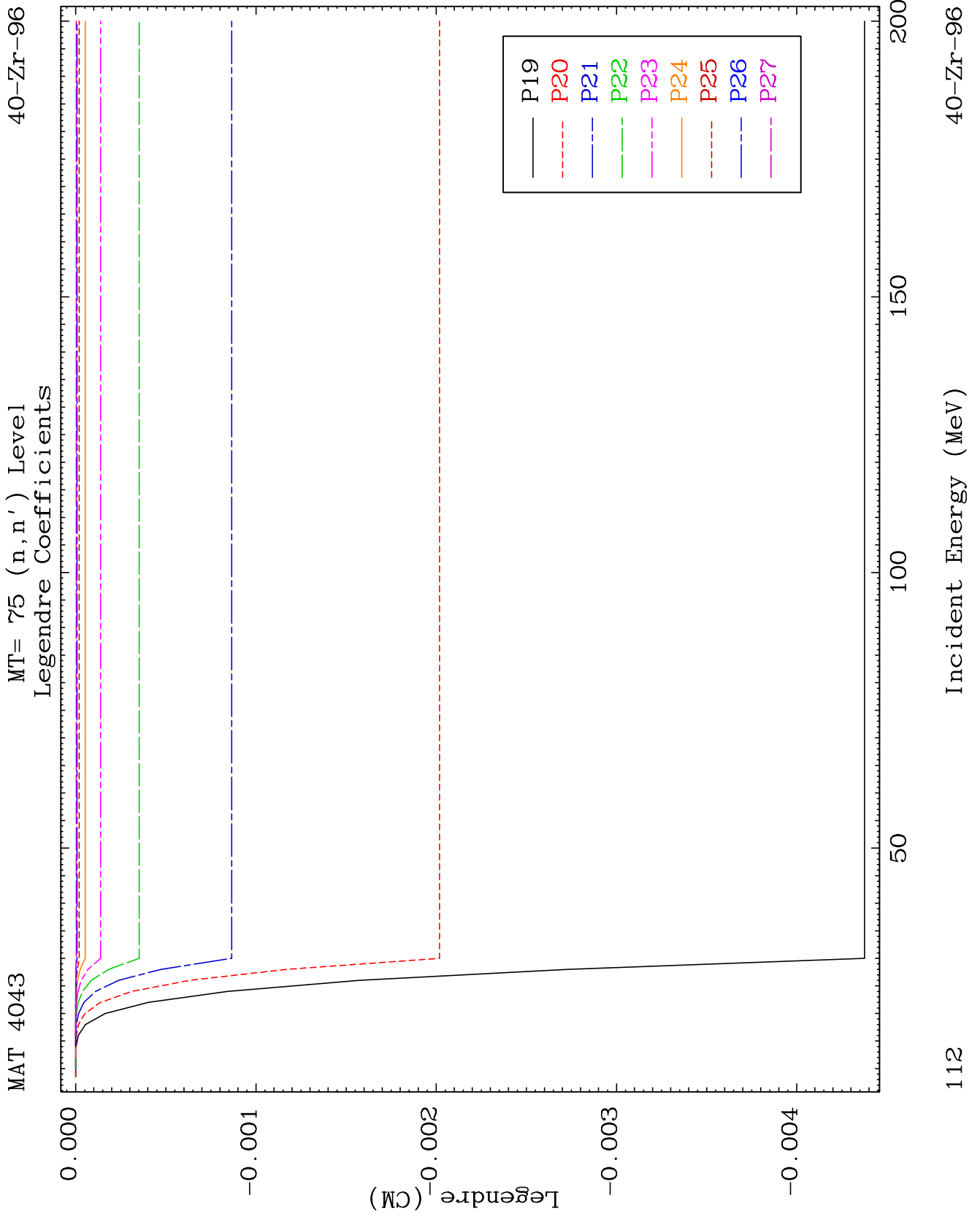
40-Zr-96

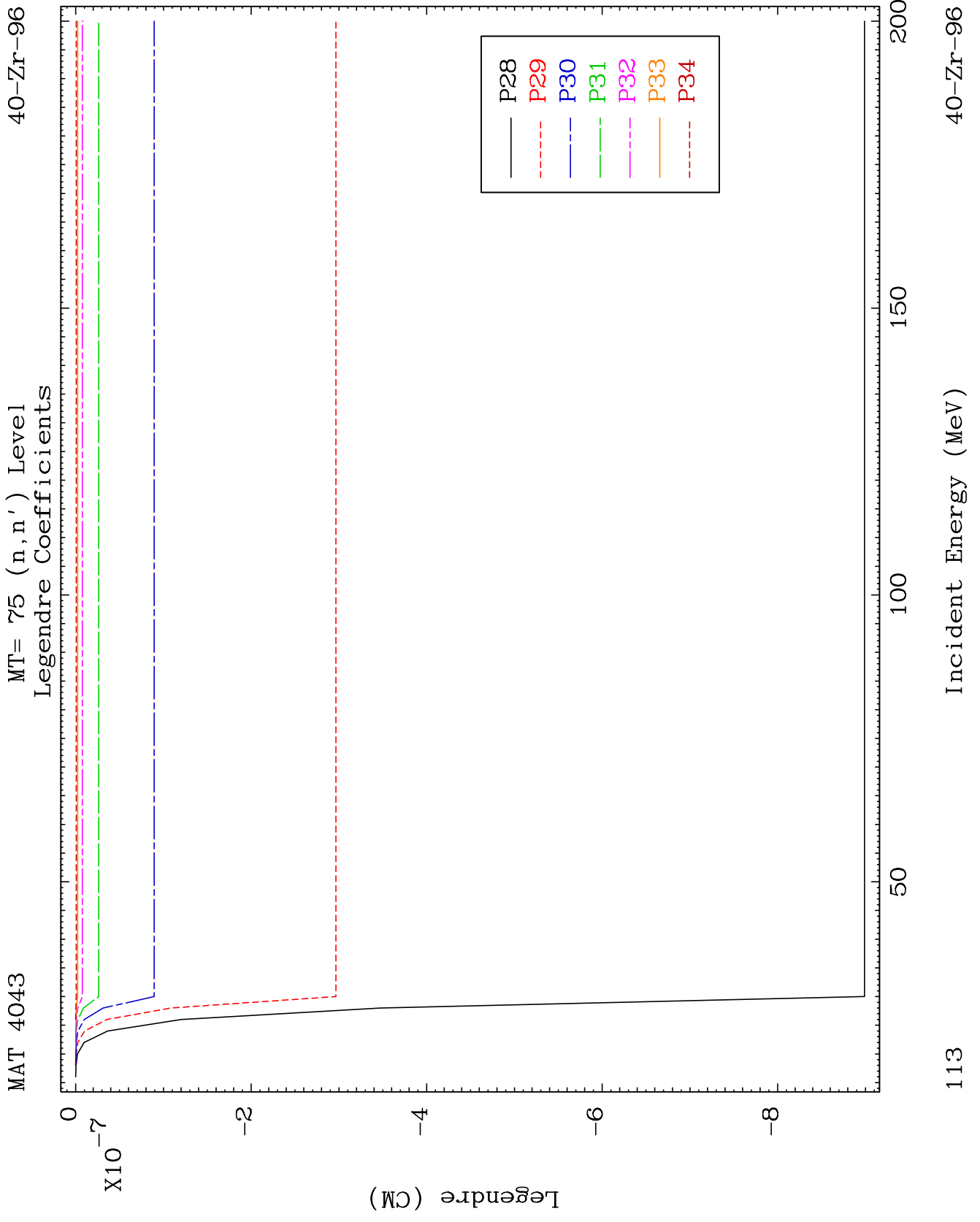


40-Zr-96

Incident Energy (MeV)

109

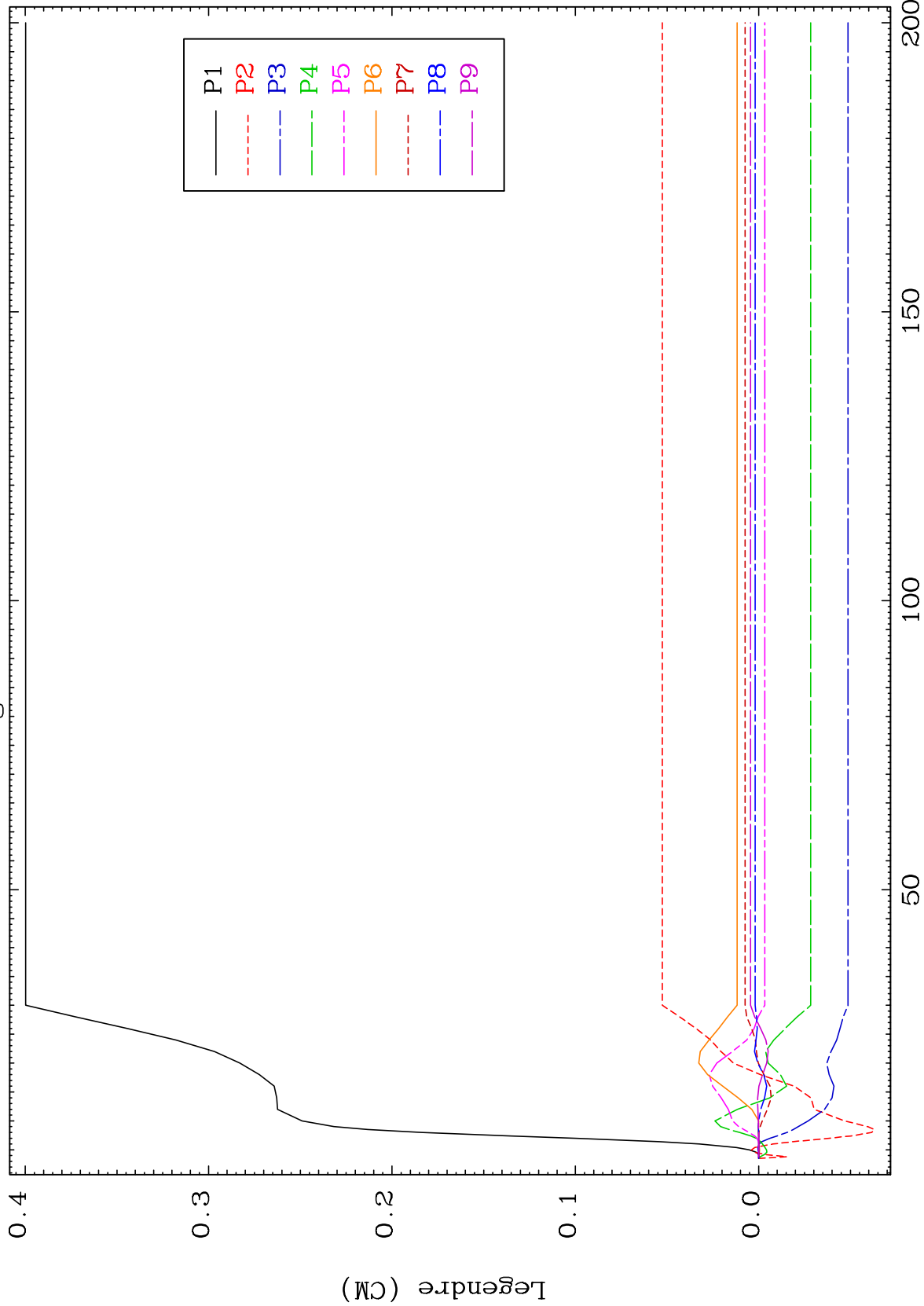




MAT 4043

MT= 76 (n,n') Level
Legendre Coefficients

40-Zr-96



114

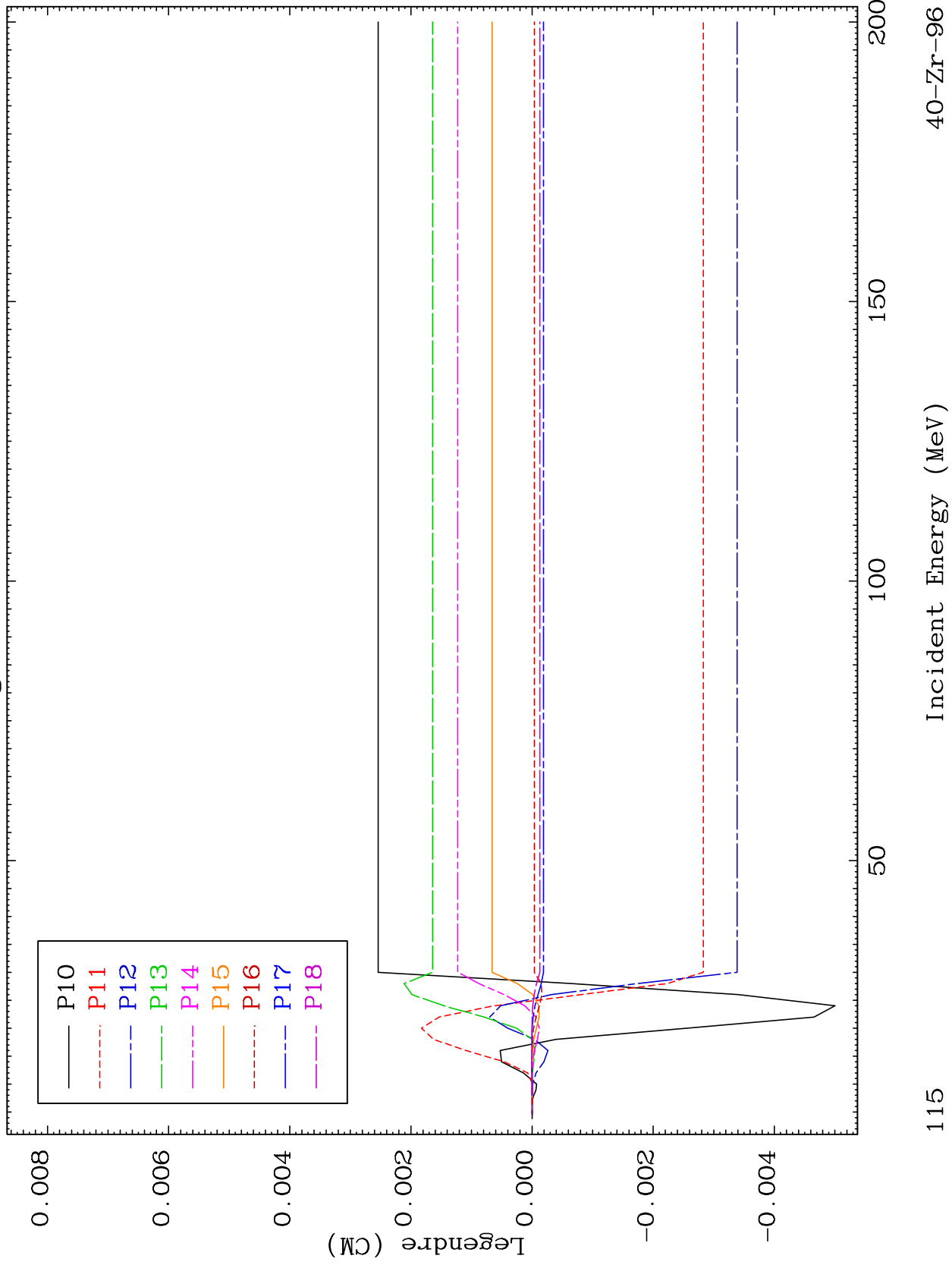
Incident Energy (MeV)

40-Zr-96

MAT 4043

MT= 76 (n,n') Level
Legendre Coefficients

40-Zr-96



115

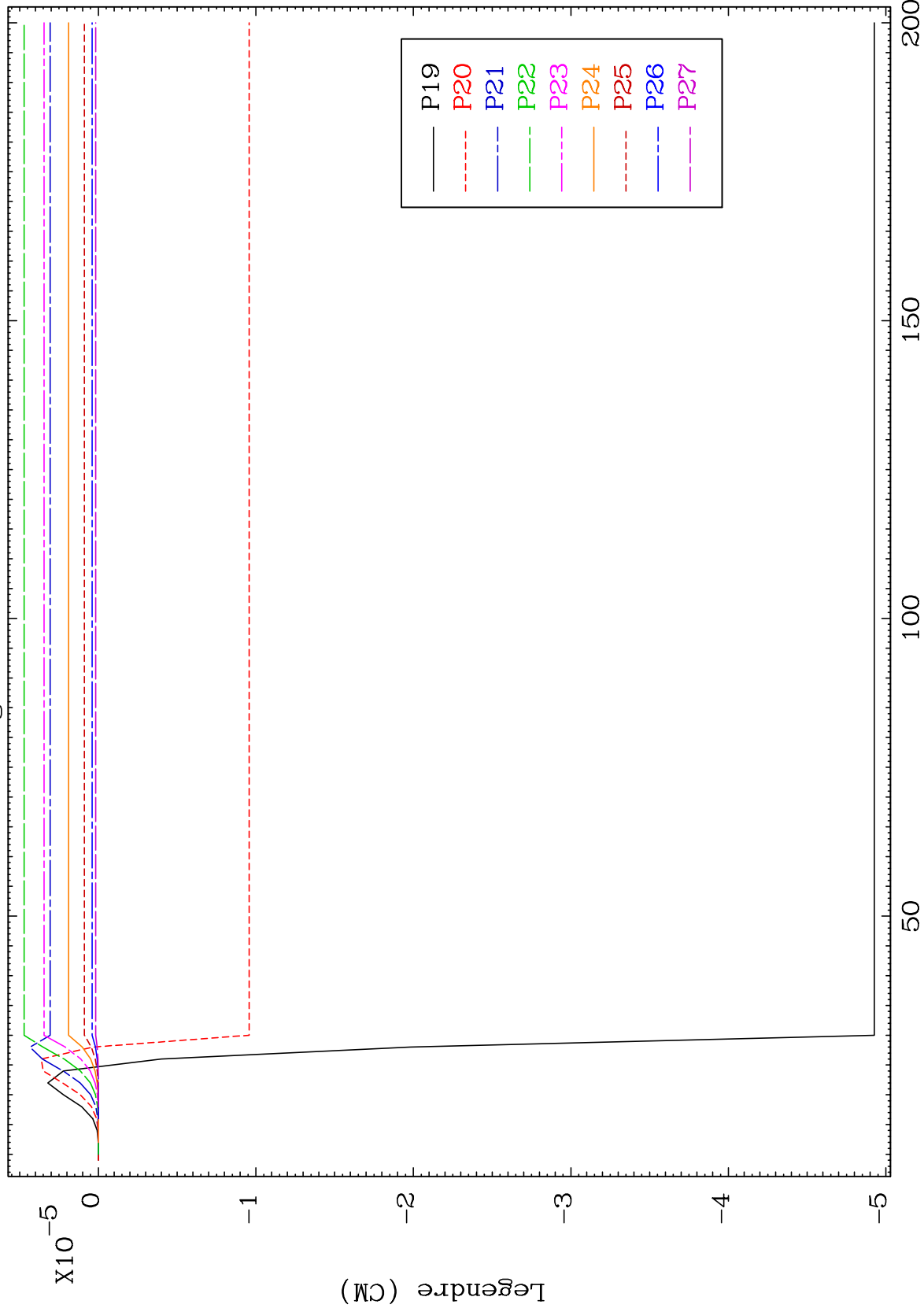
Incident Energy (MeV)

40-Zr-96

MAT 4043

MT= 76 (n,n') Level
Legendre Coefficients

40-Zr-96



116

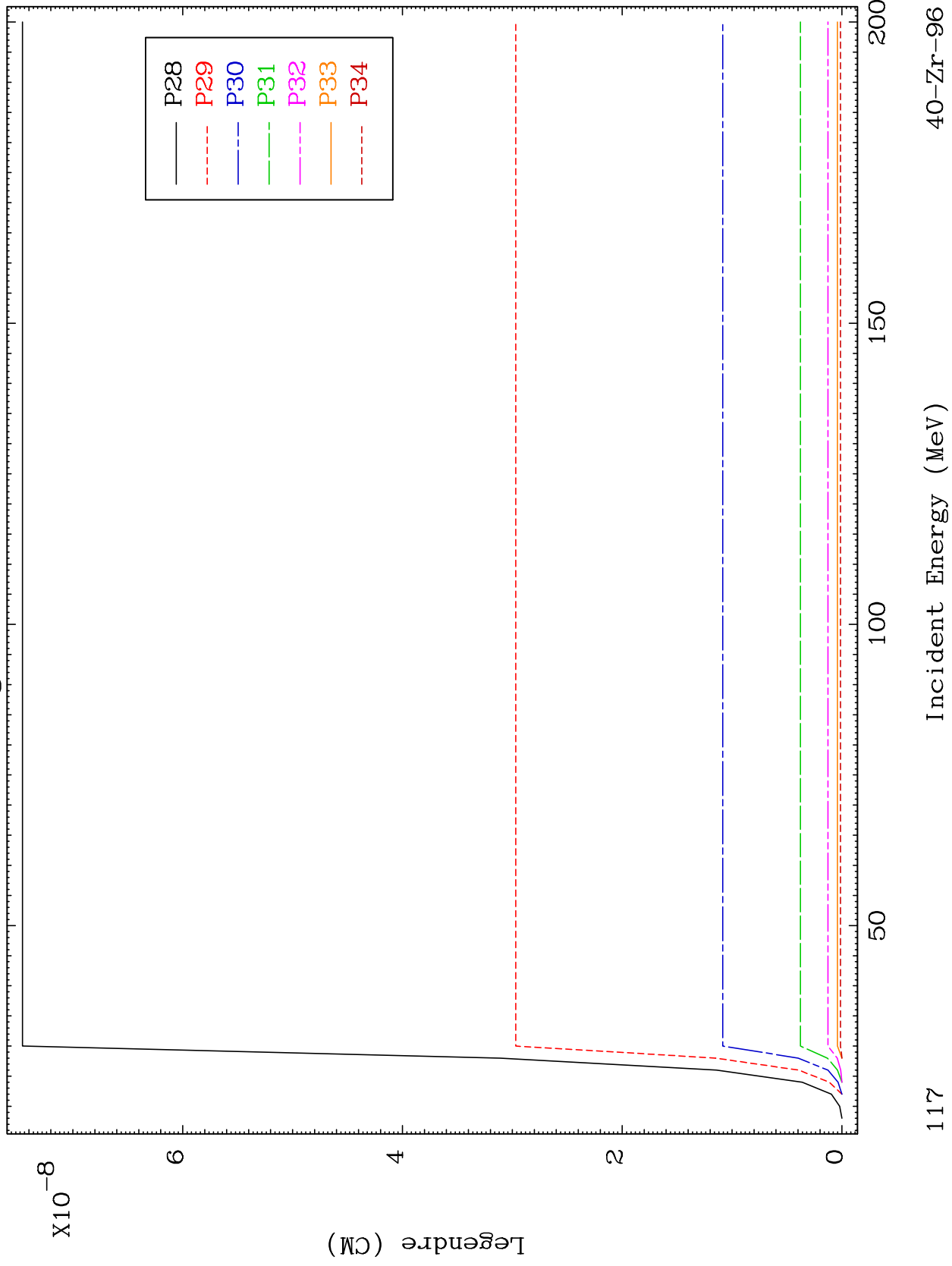
Incident Energy (MeV)

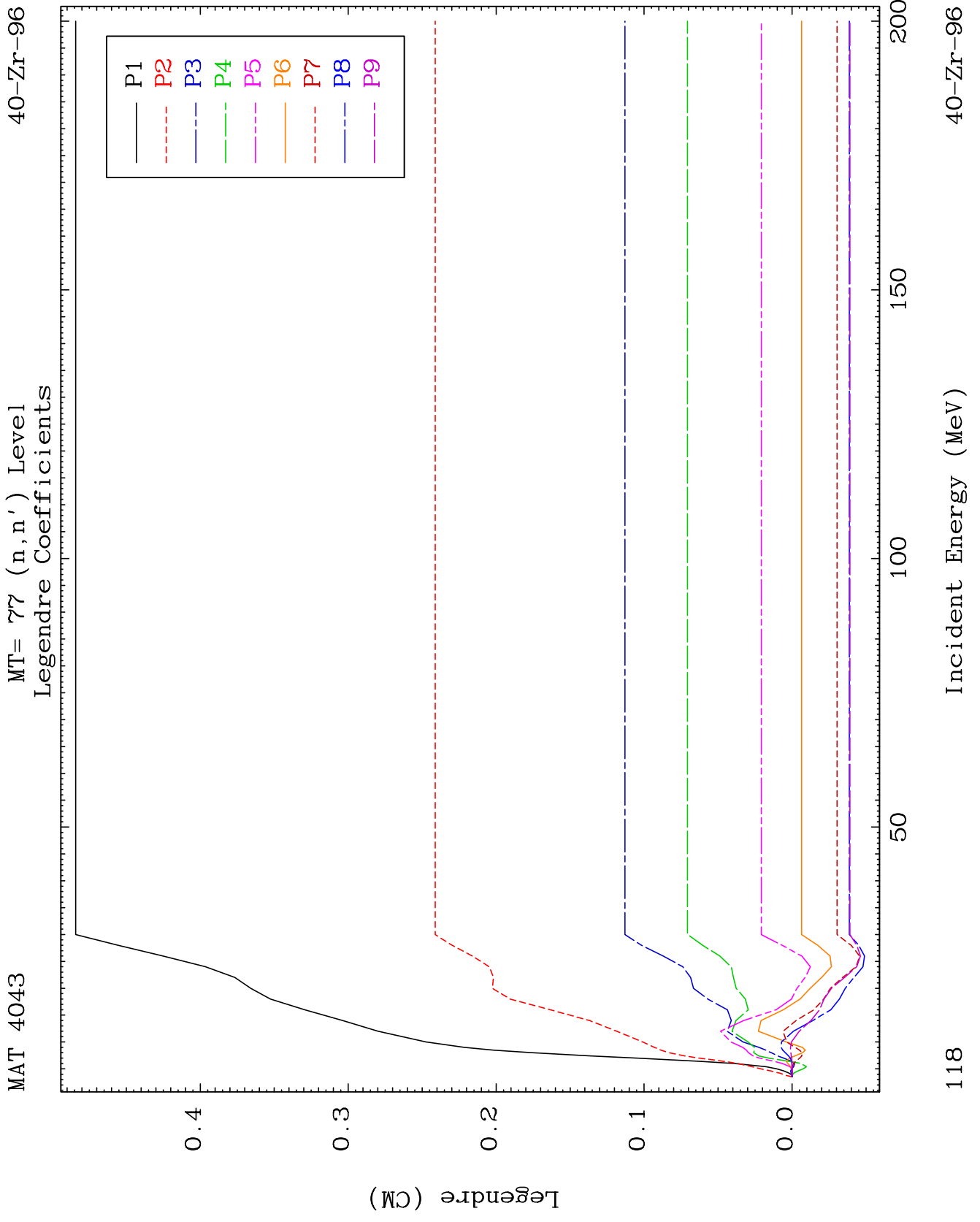
40-Zr-96

MAT 4043

MT= 76 (n,n') Level
Legendre Coefficients

40-Zr-96

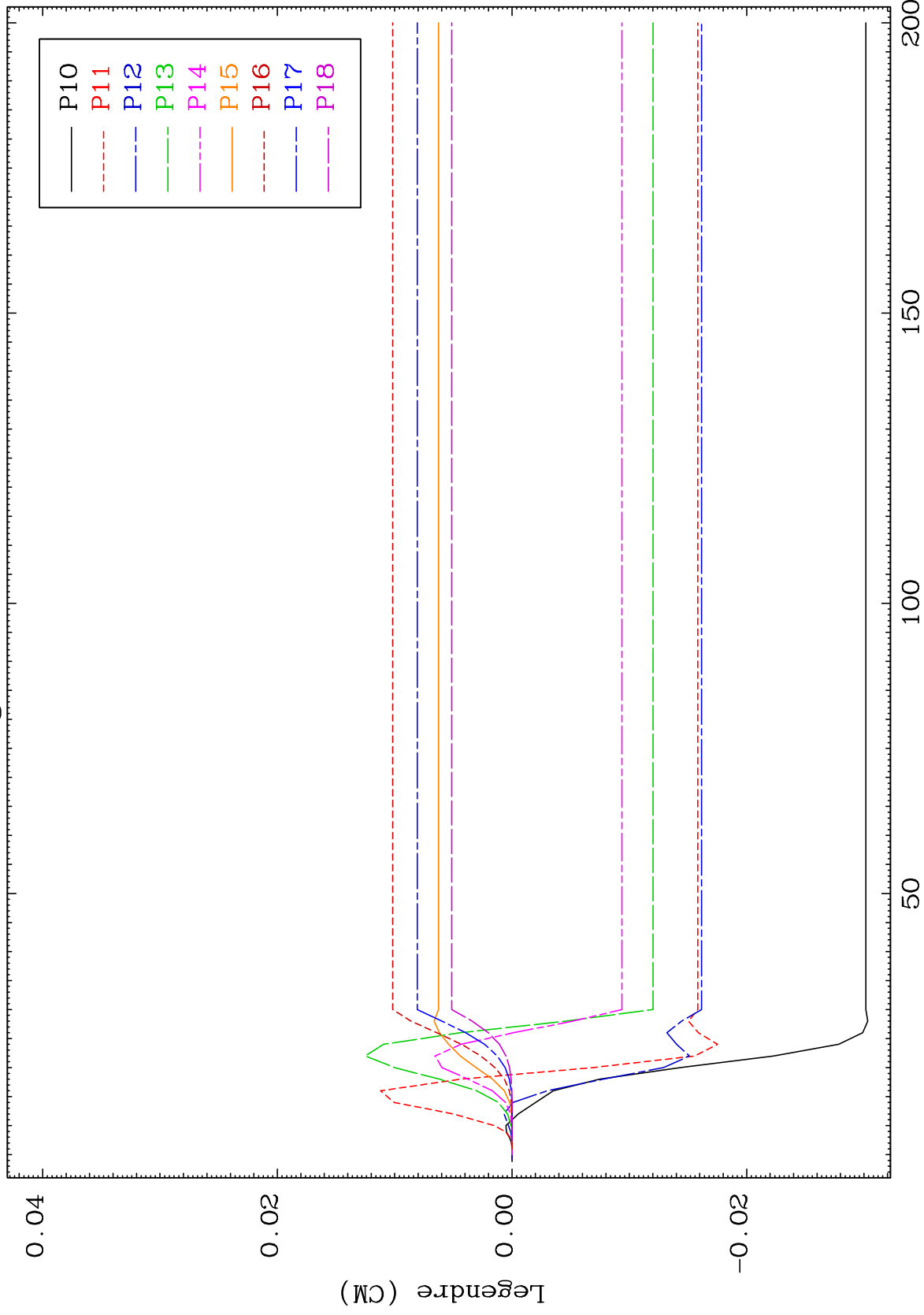




MAT 4043

MT= 77 (n,n') Level
Legendre Coefficients

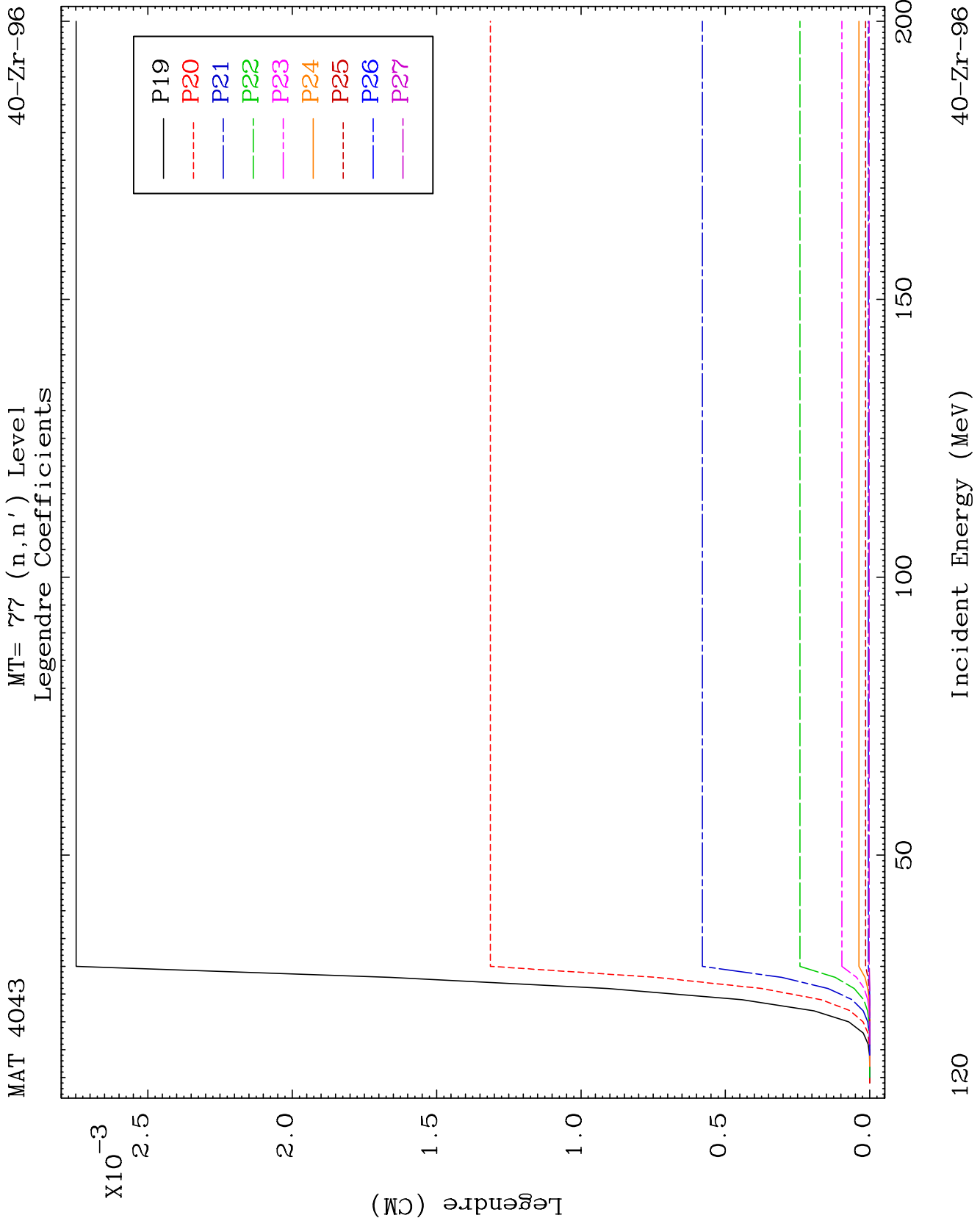
40-Zr-96



119

Incident Energy (MeV)

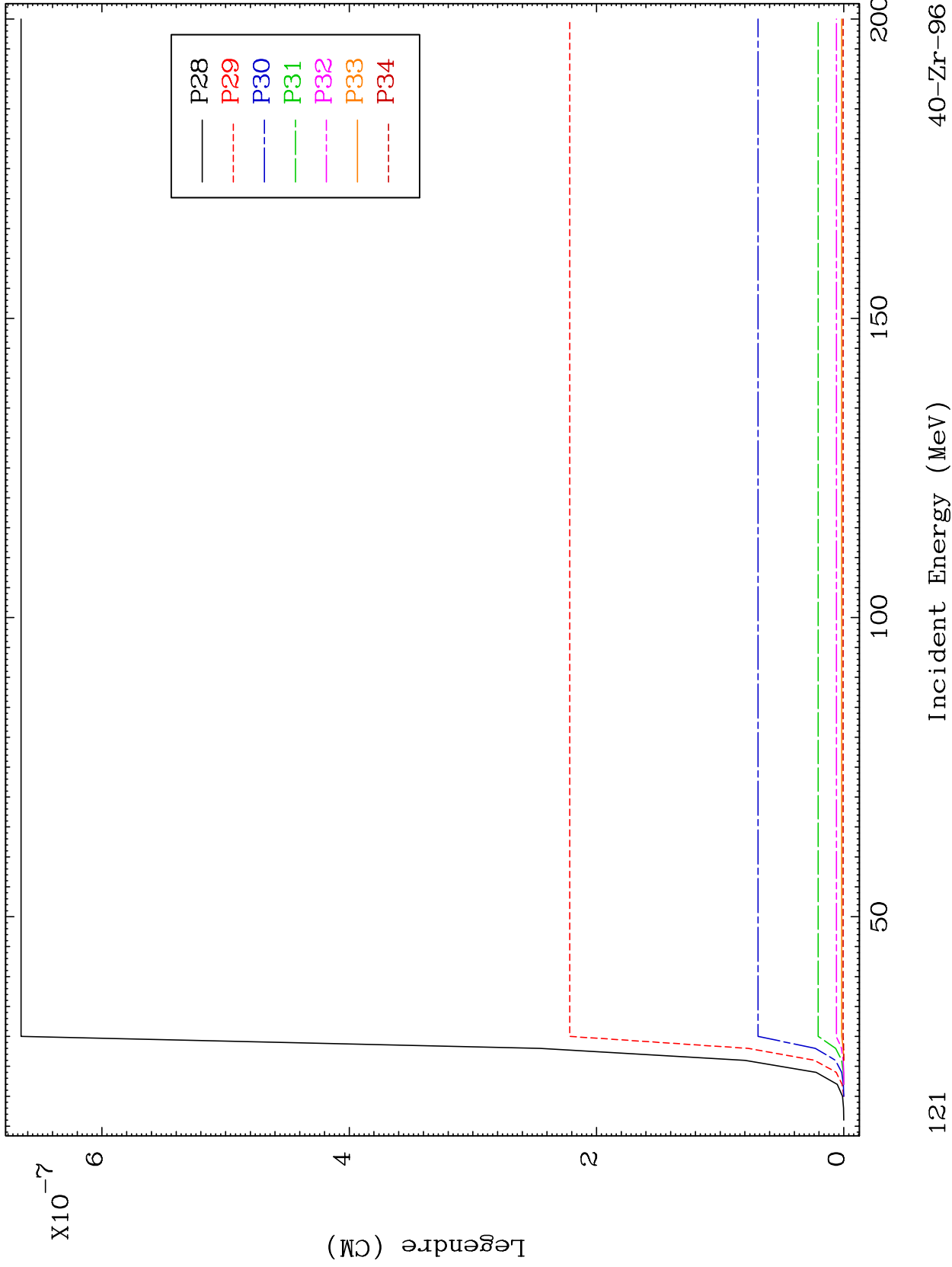
40-Zr-96



MAT 4043

MT= 77 (n,n') Level
Legendre Coefficients

40-Zr-96



121

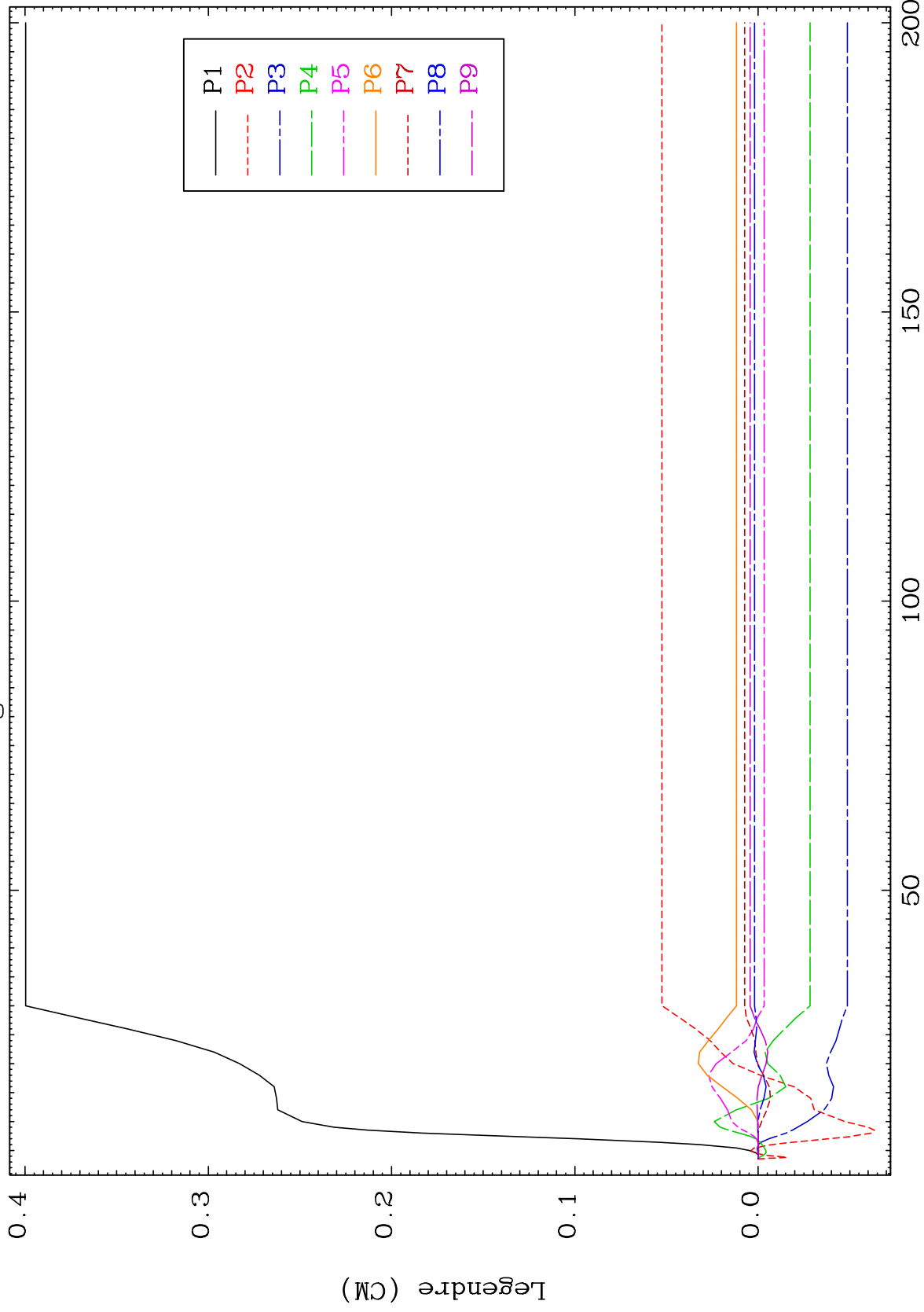
Incident Energy (MeV)

40-Zr-96

MAT 4043

MT= 78 (n,n') Level
Legendre Coefficients

40-Zr-96



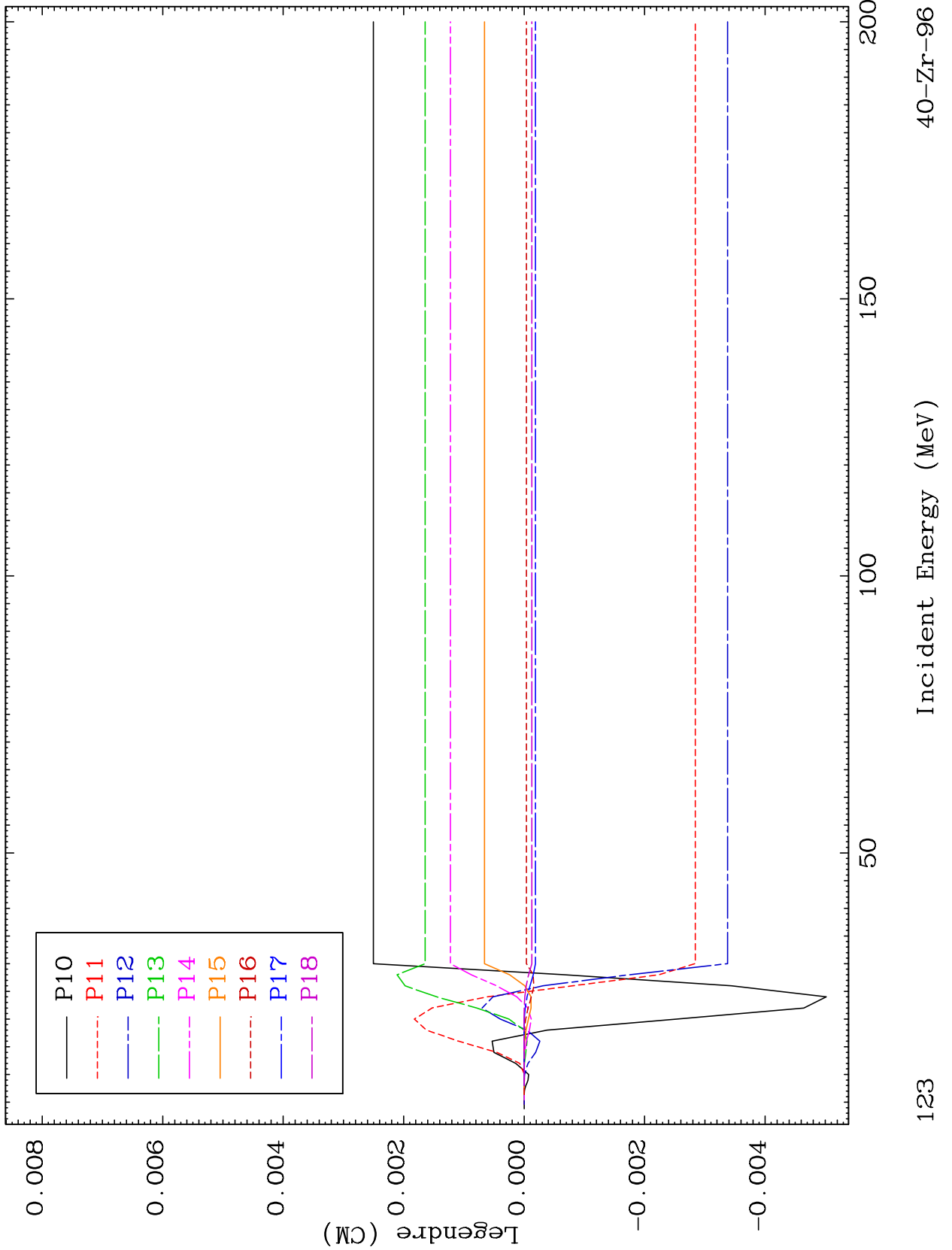
122

40-Zr-96

MAT 4043

MT= 78 (n,n') Level
Legendre Coefficients

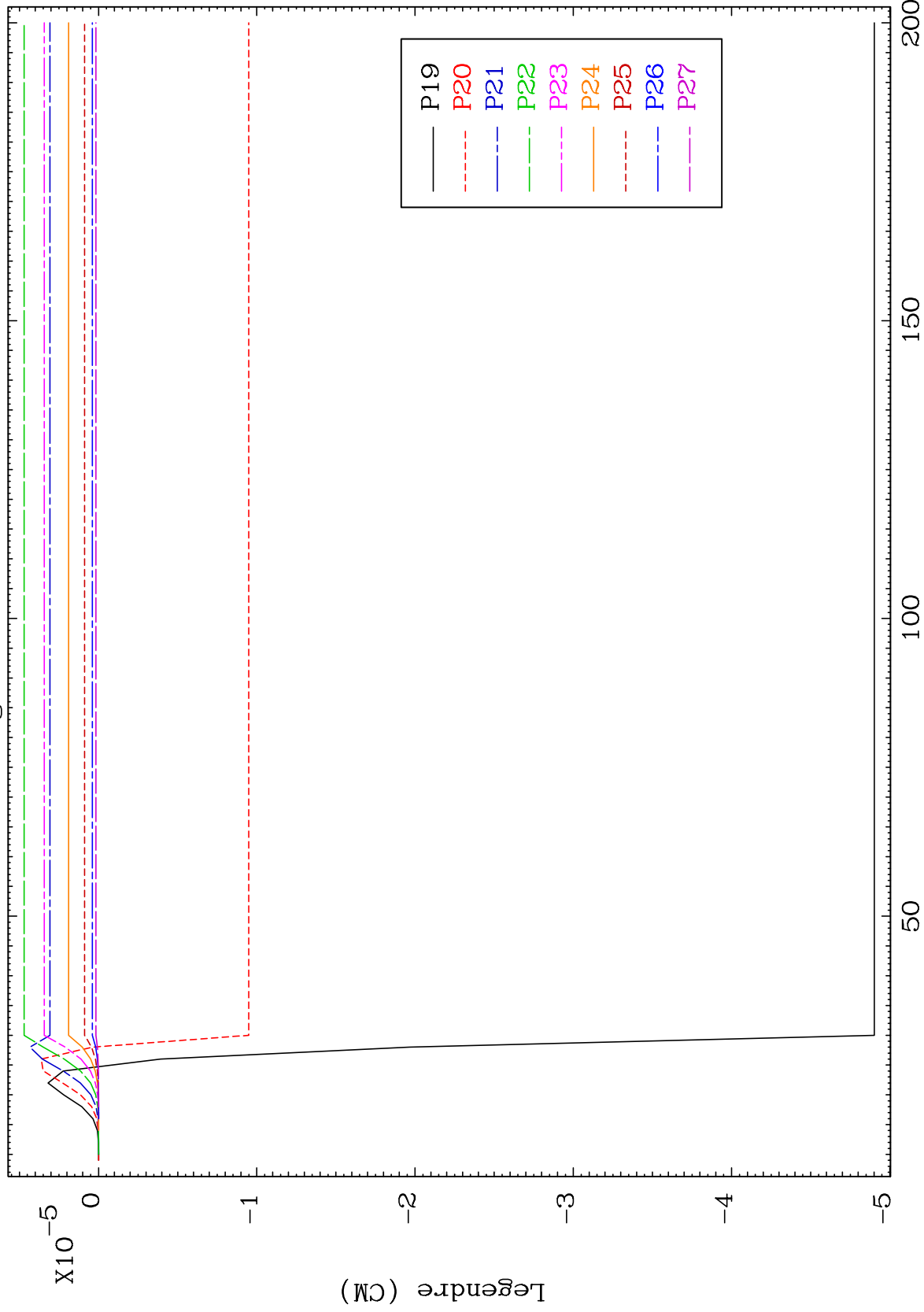
40-Zr-96



MAT 4043

MT= 78 (n,n') Level
Legendre Coefficients

40-Zr-96



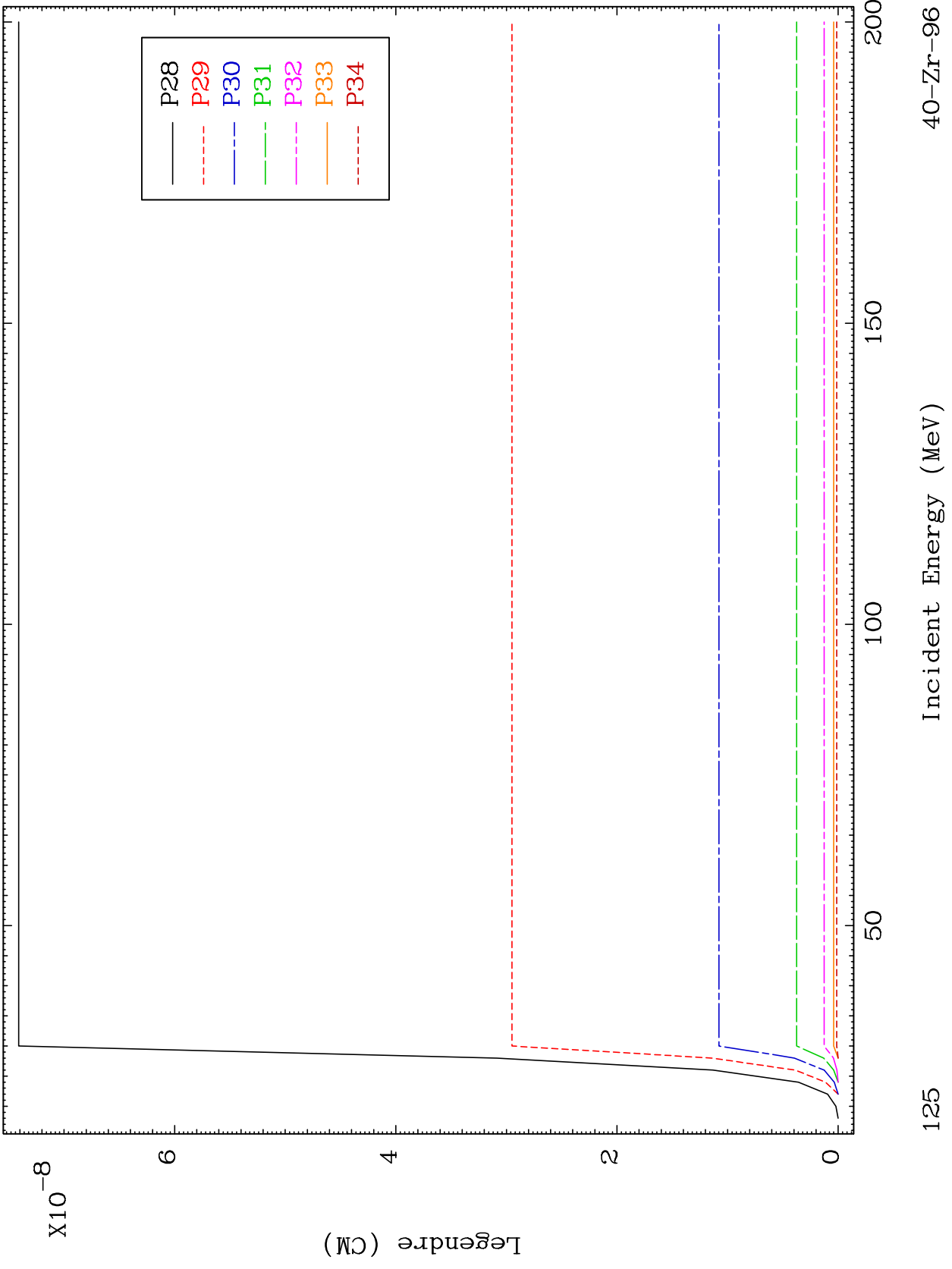
124

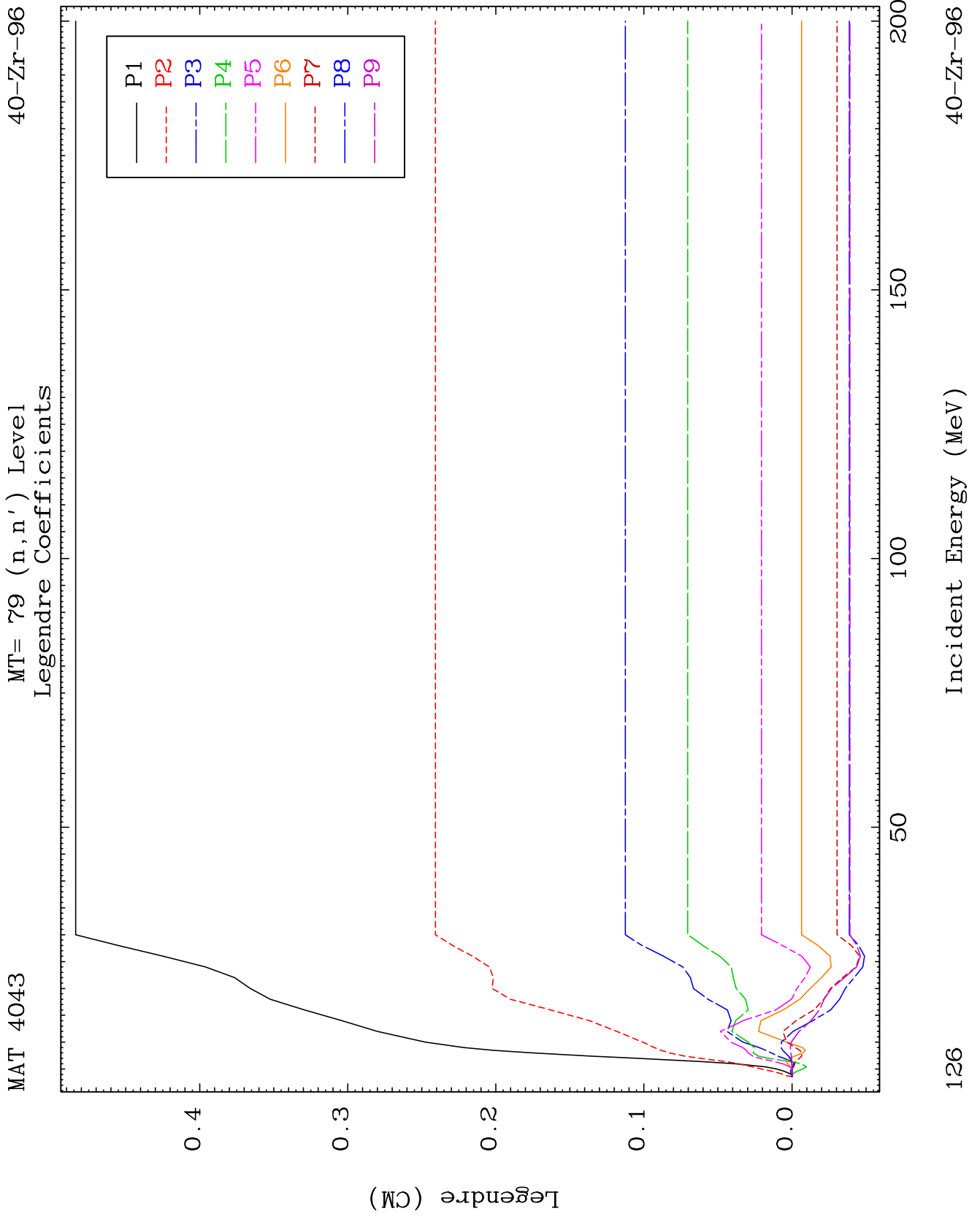
40-Zr-96

MAT 4043

MT= 78 (n,n') Level
Legendre Coefficients

40-Zr-96

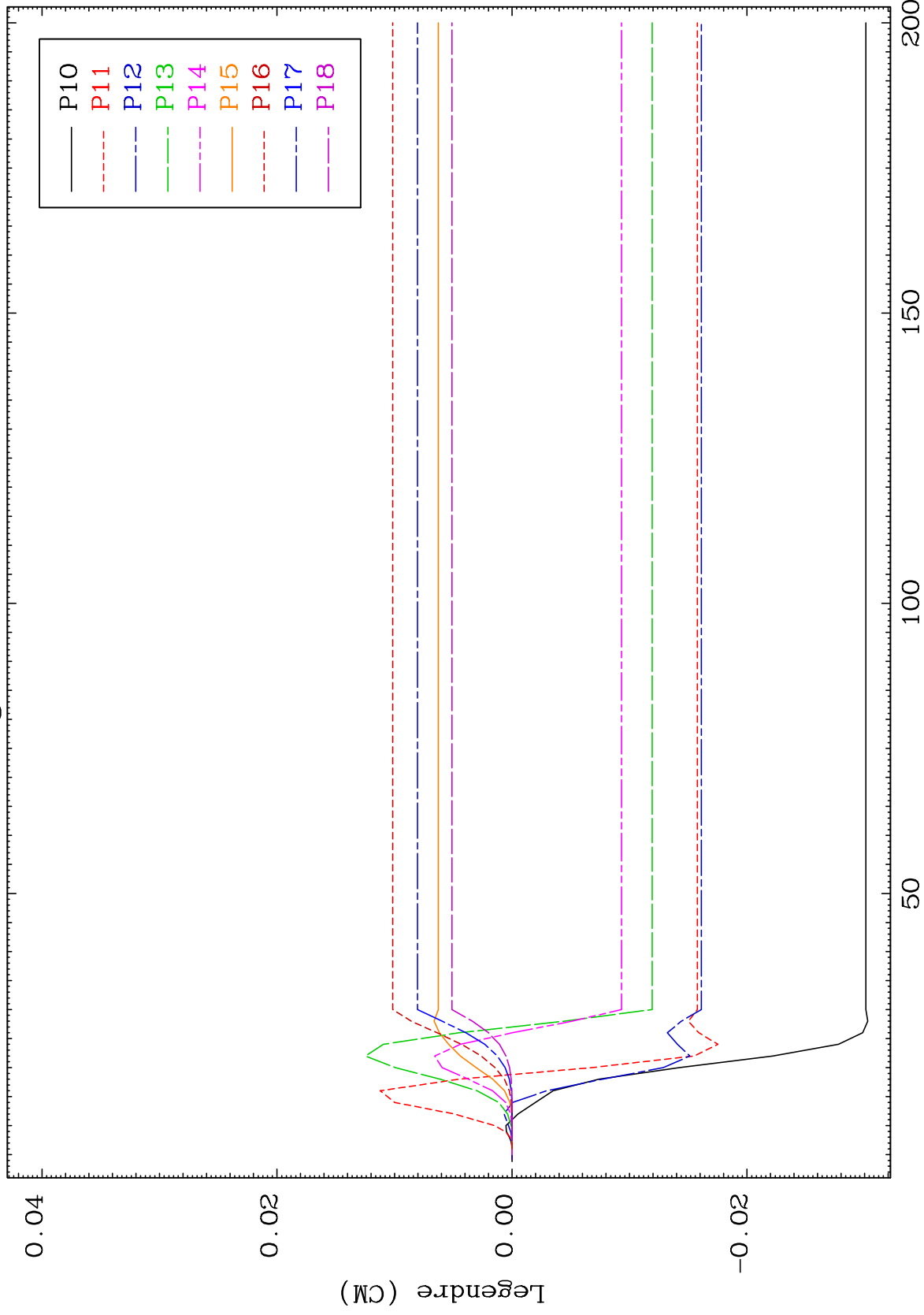




MAT 4043

MT= 79 (n,n') Level
Legendre Coefficients

40-Zr-96



127

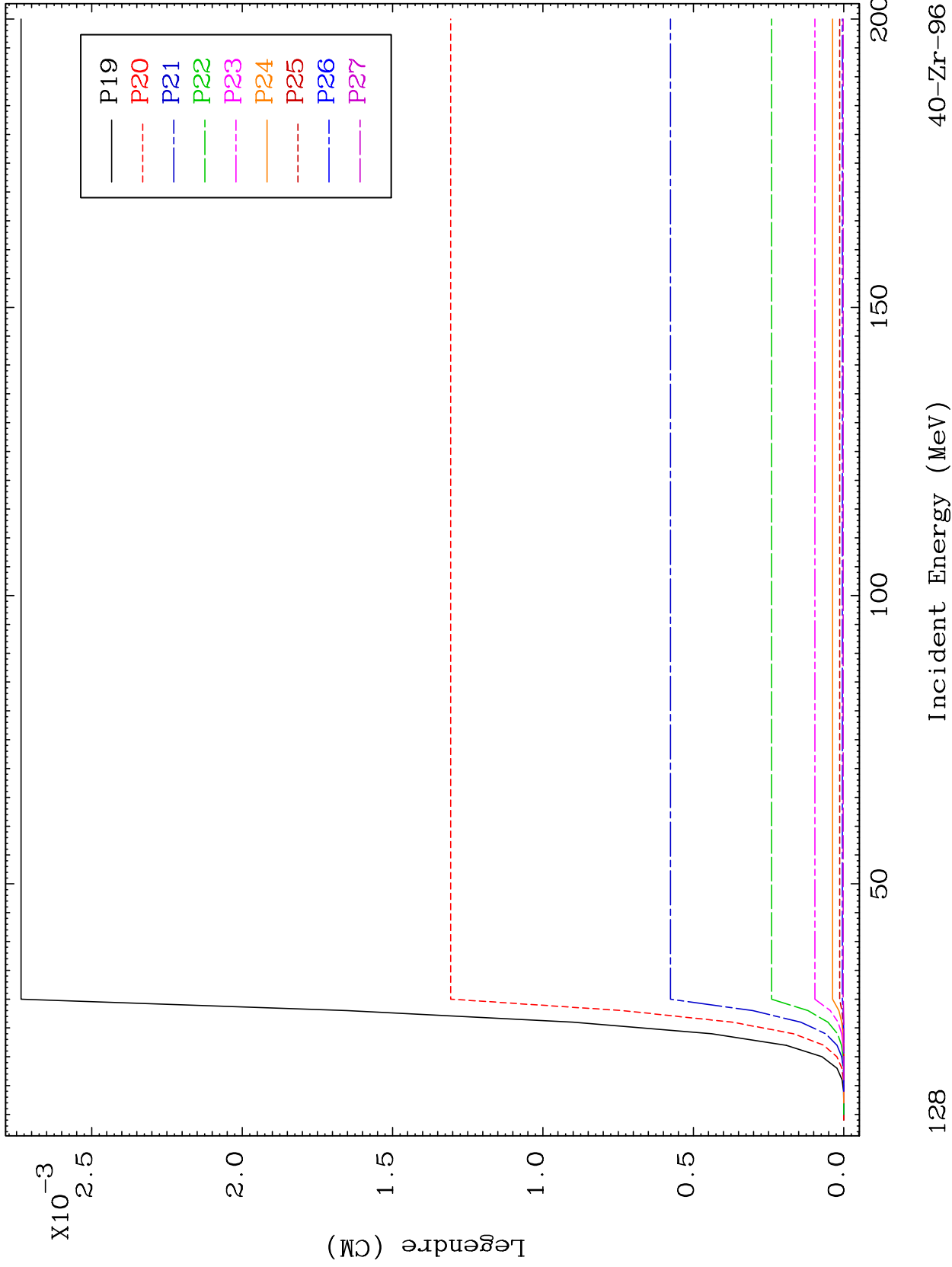
Incident Energy (MeV)

40-Zr-96

MAT 4043

MT= 79 (n,n') Level
Legendre Coefficients

40-Zr-96



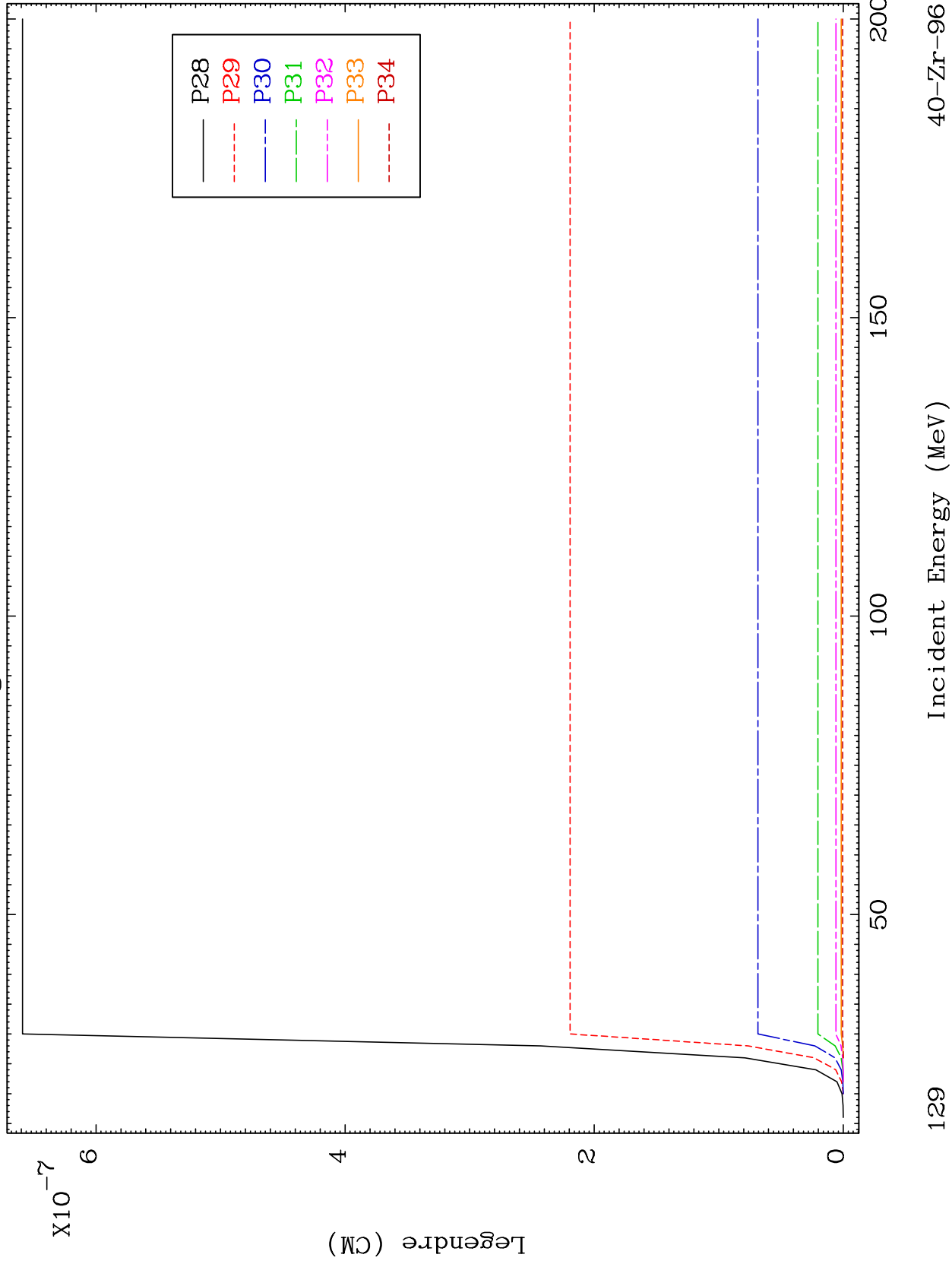
128

40-Zr-96

MAT 4043

MT= 79 (n,n') Level
Legendre Coefficients

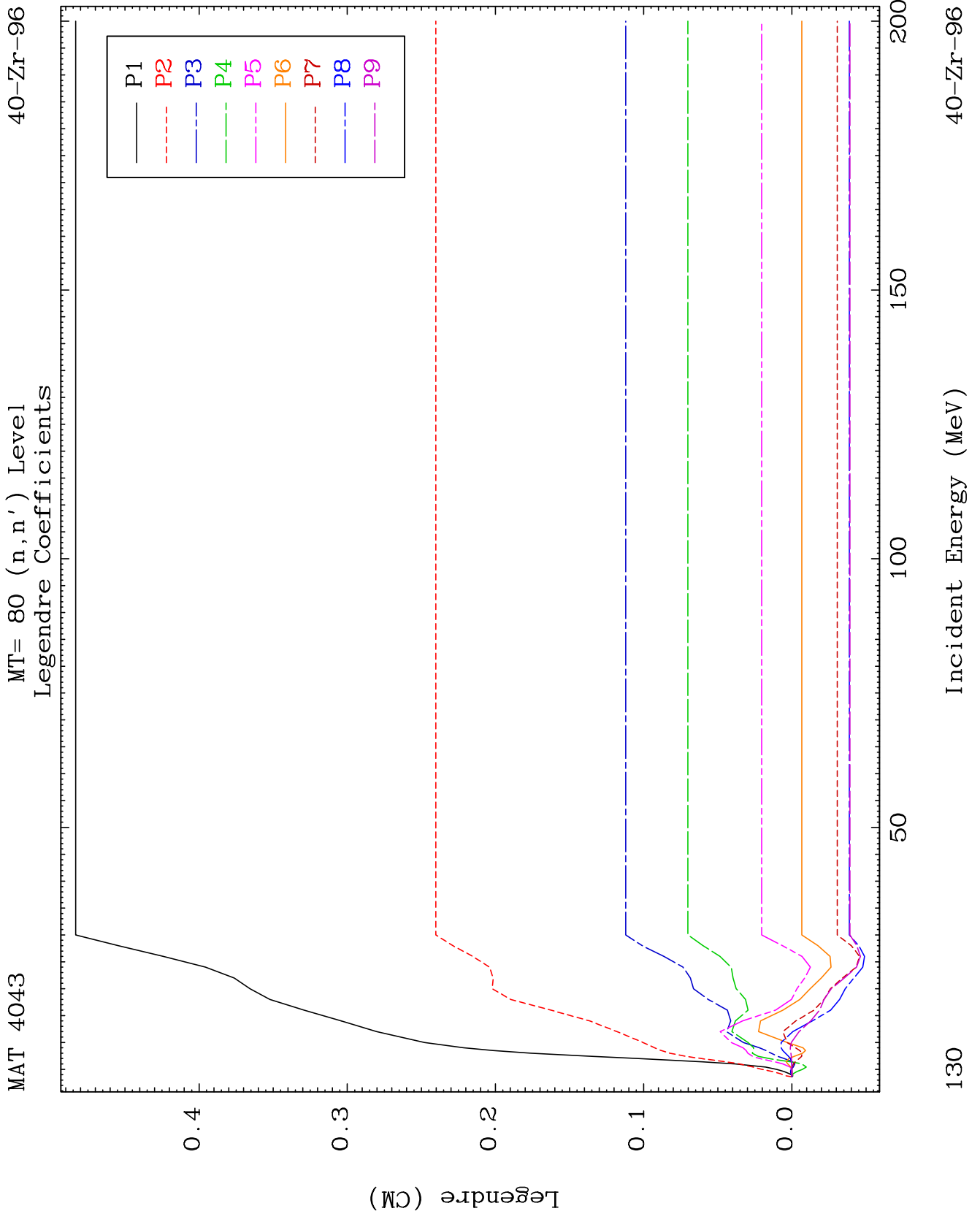
40-Zr-96

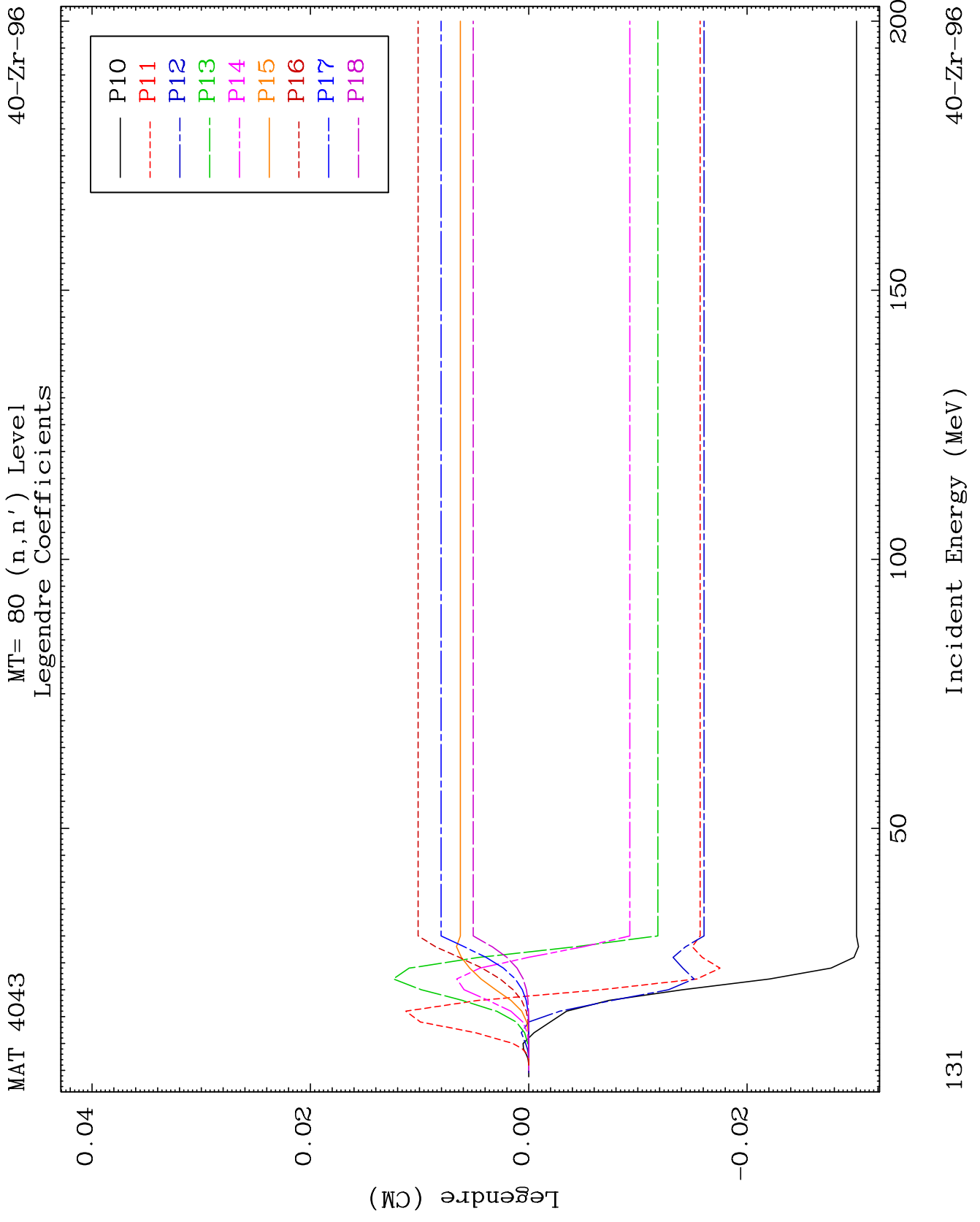


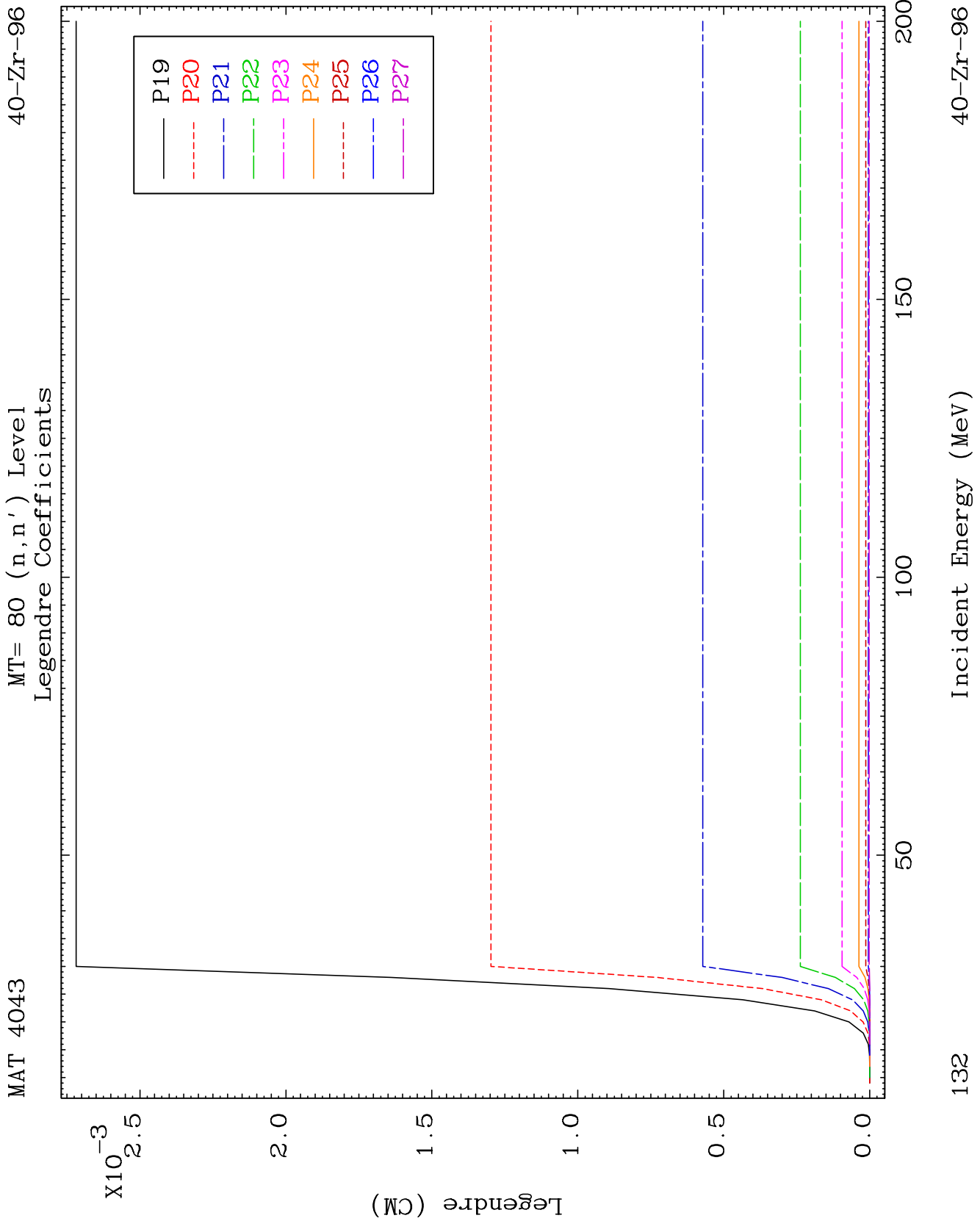
129

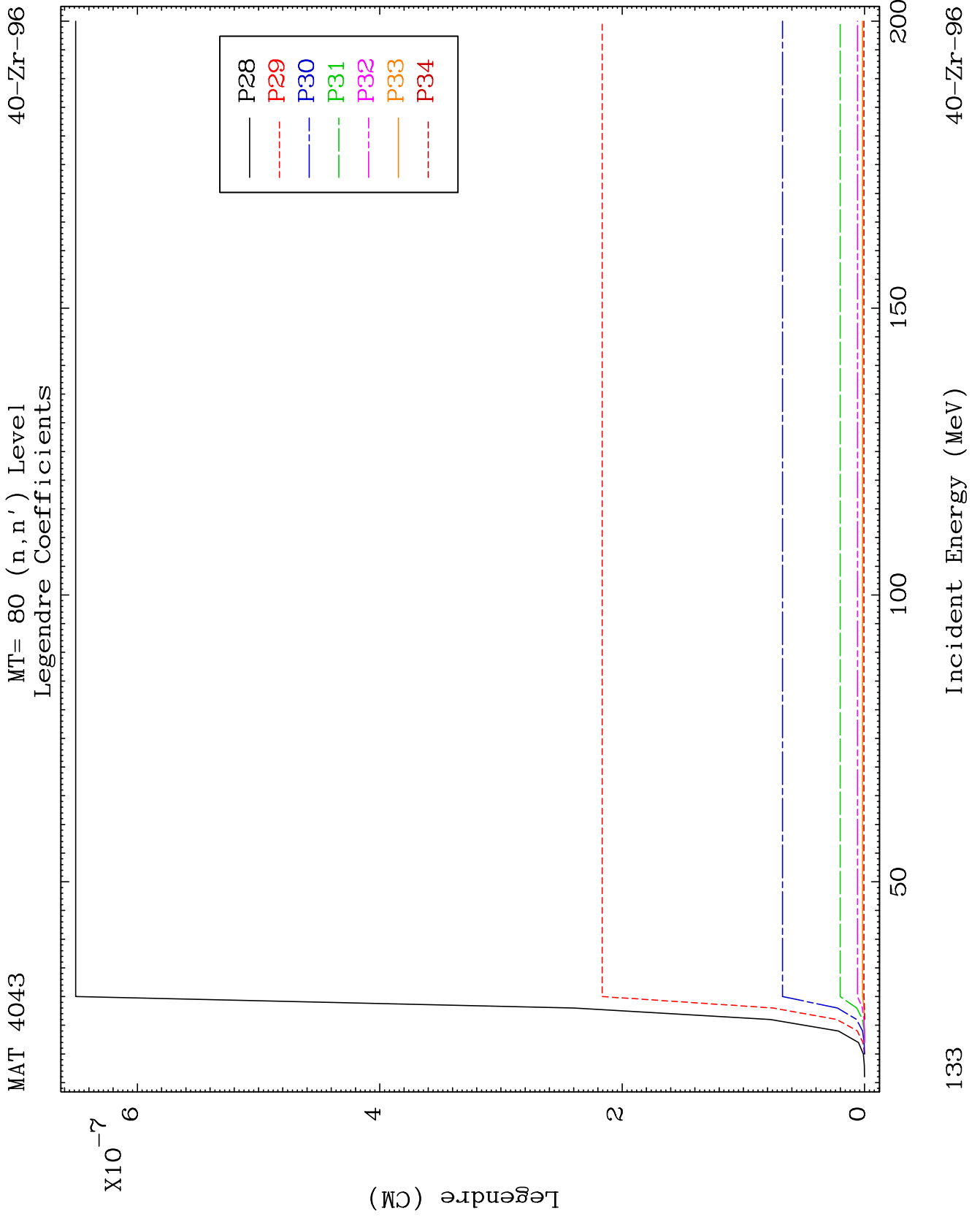
Incident Energy (MeV)

40-Zr-96







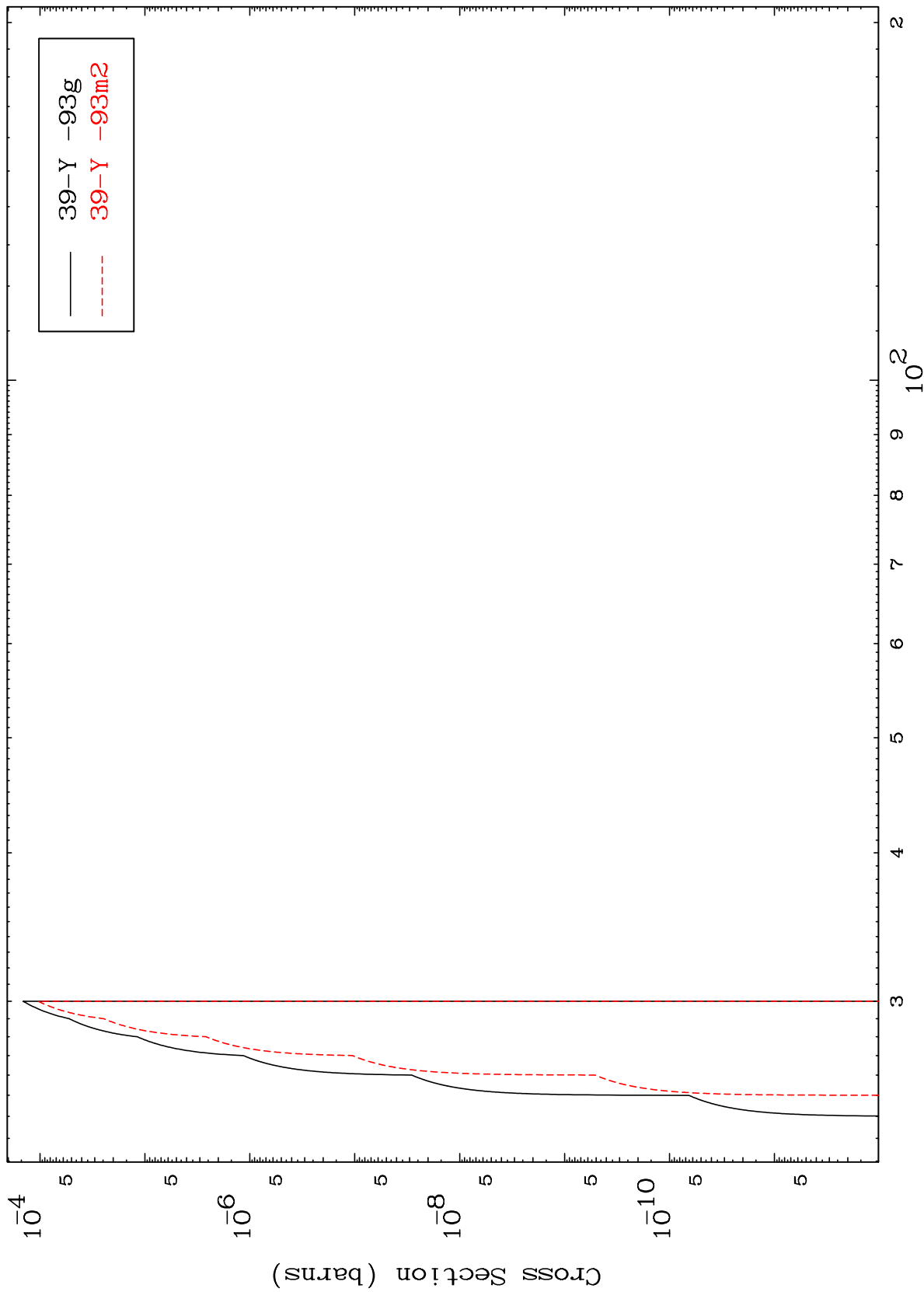


MAT 4043

(n,2n) d

40-Zr-96

Radionuclide Production Cross Section



134

Incident Energy (MeV)

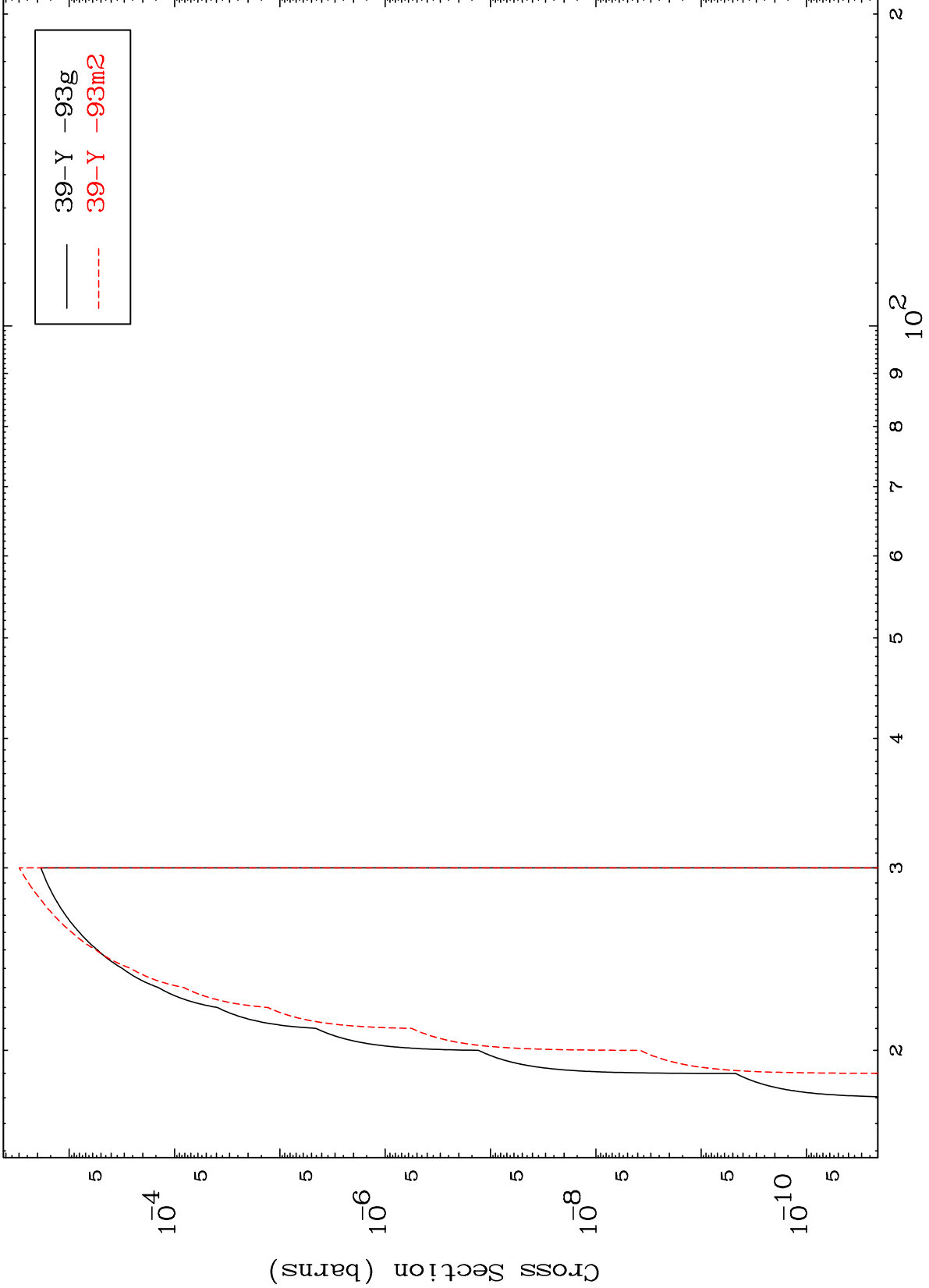
40-Zr-96

MAT 4043

(n,n') t

40-Zr-96

Radionuclide Production Cross Section



135

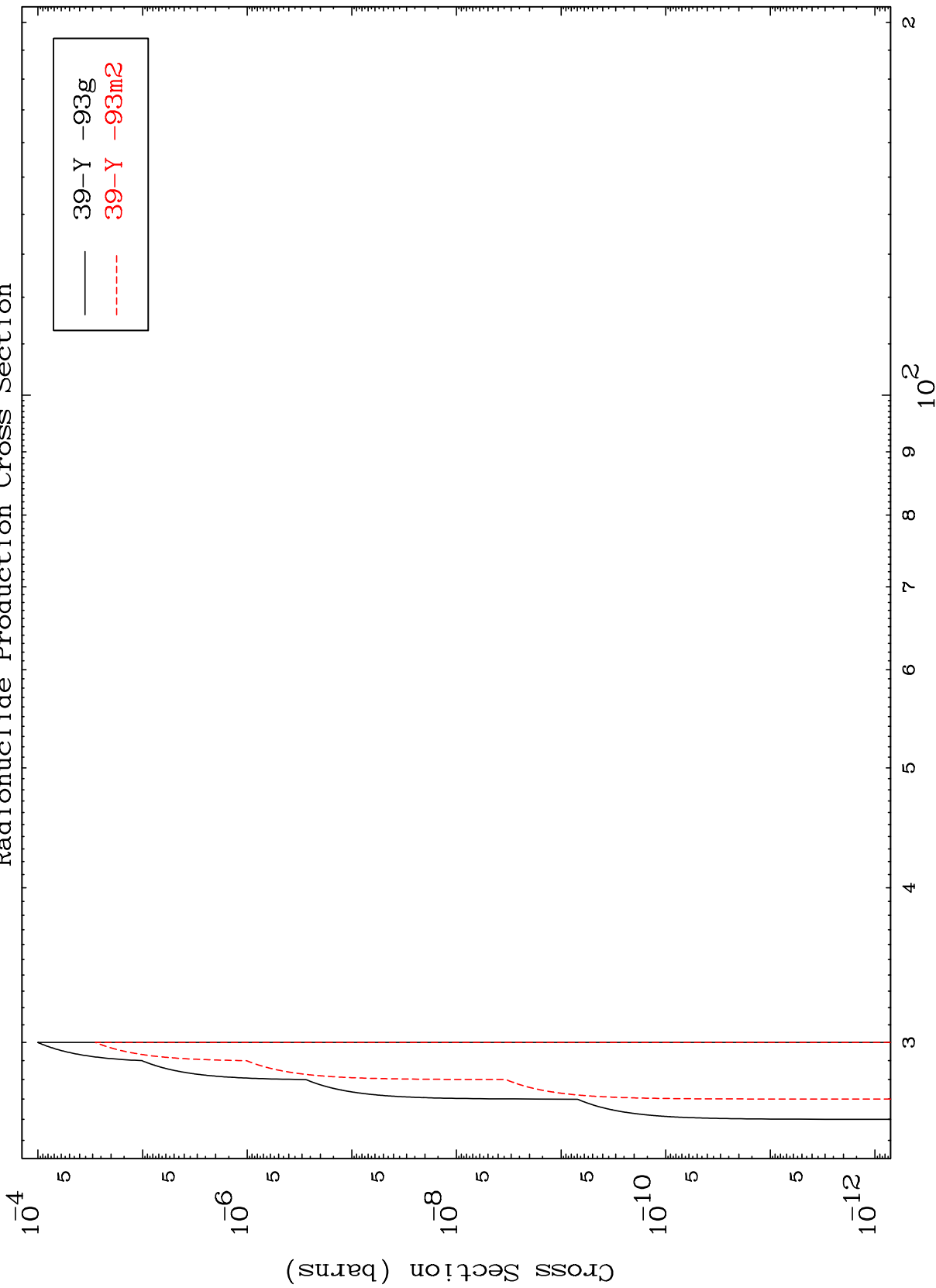
Incident Energy (MeV)

40-Zr-96

MAT 4043

40-Zr-96

(n,3n) p
Radionuclide Production Cross Section



136

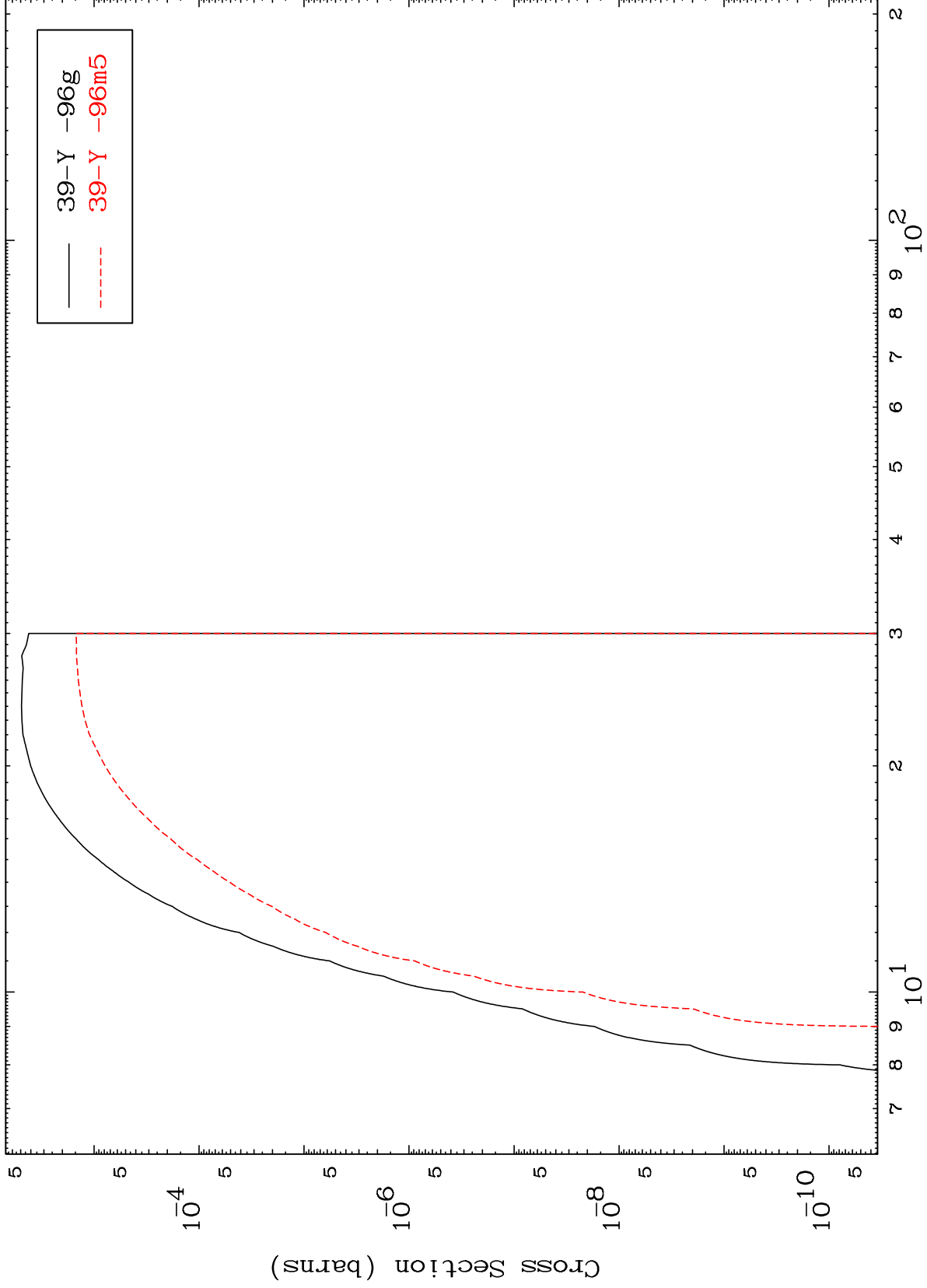
40-Zr-96

Incident Energy (MeV)

MAT 4043

40-Zr-96

(n,p)
Radionuclide Production Cross Section



137

Incident Energy (MeV)

40-Zr-96