

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

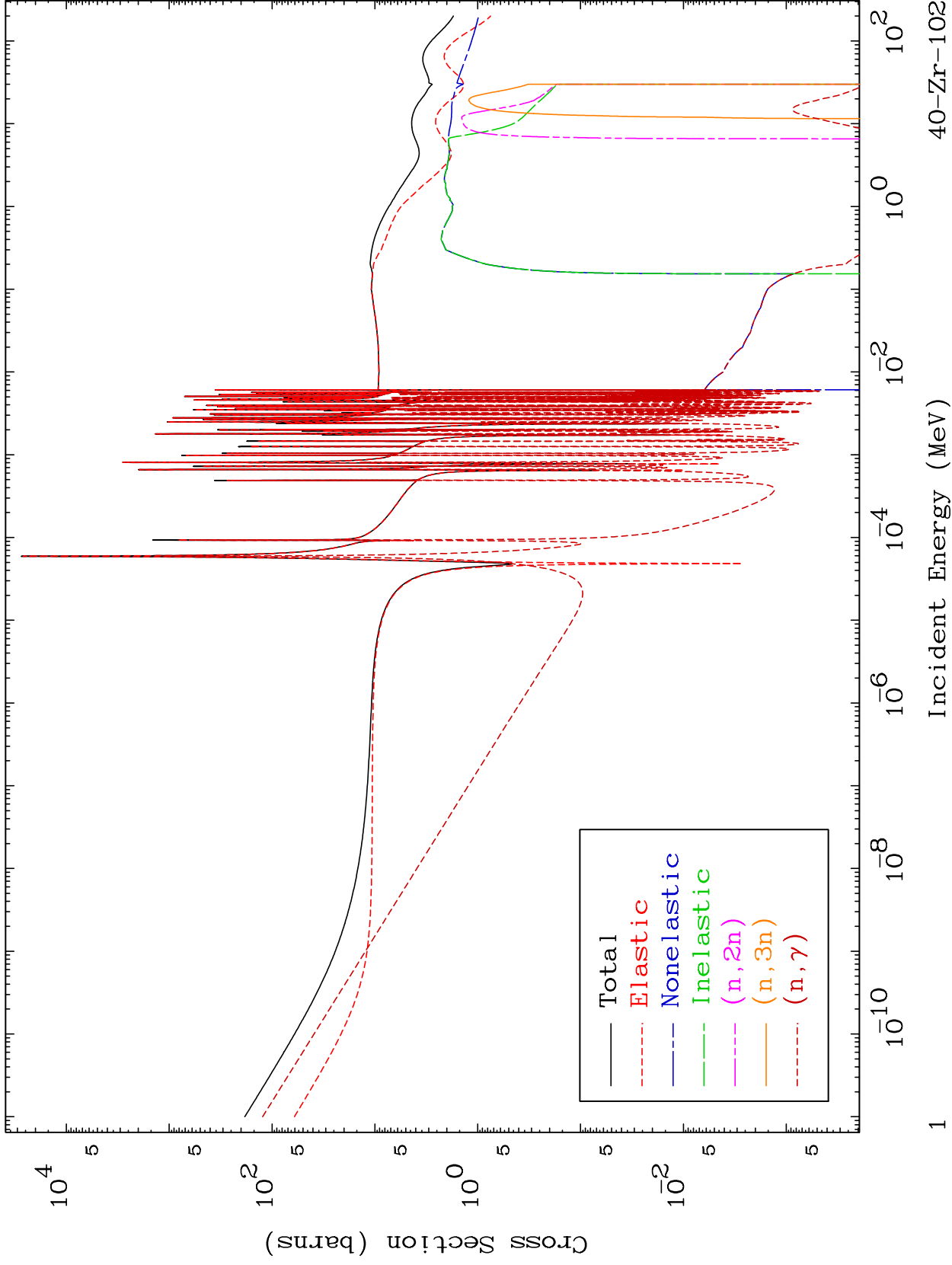
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4061

Neutron Major
293 Kelvin Cross Sections

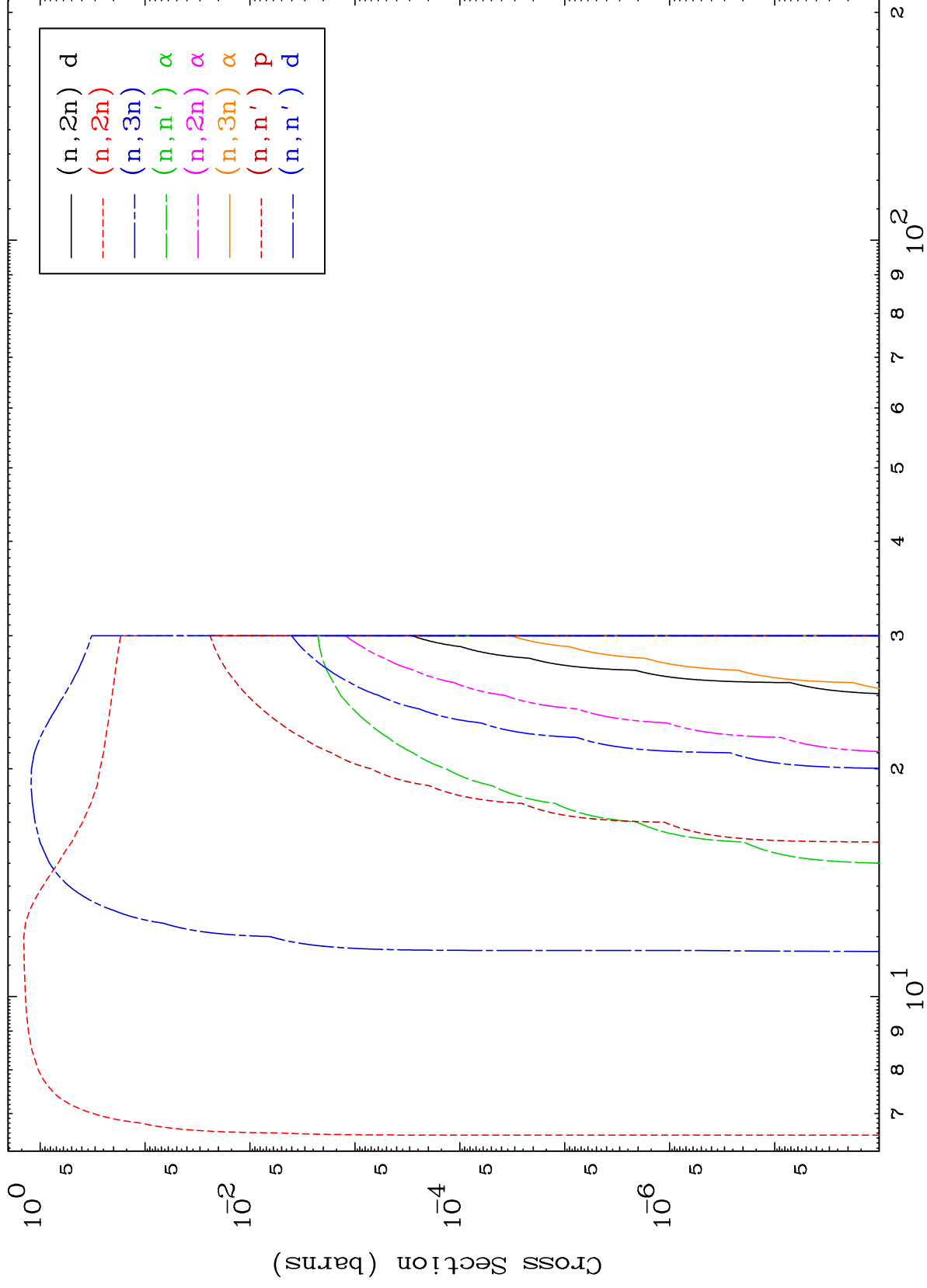
40-Zr-102



MAT 4061

Neutron Absorption
293 Kelvin Cross Sections

40-Zr-102



2

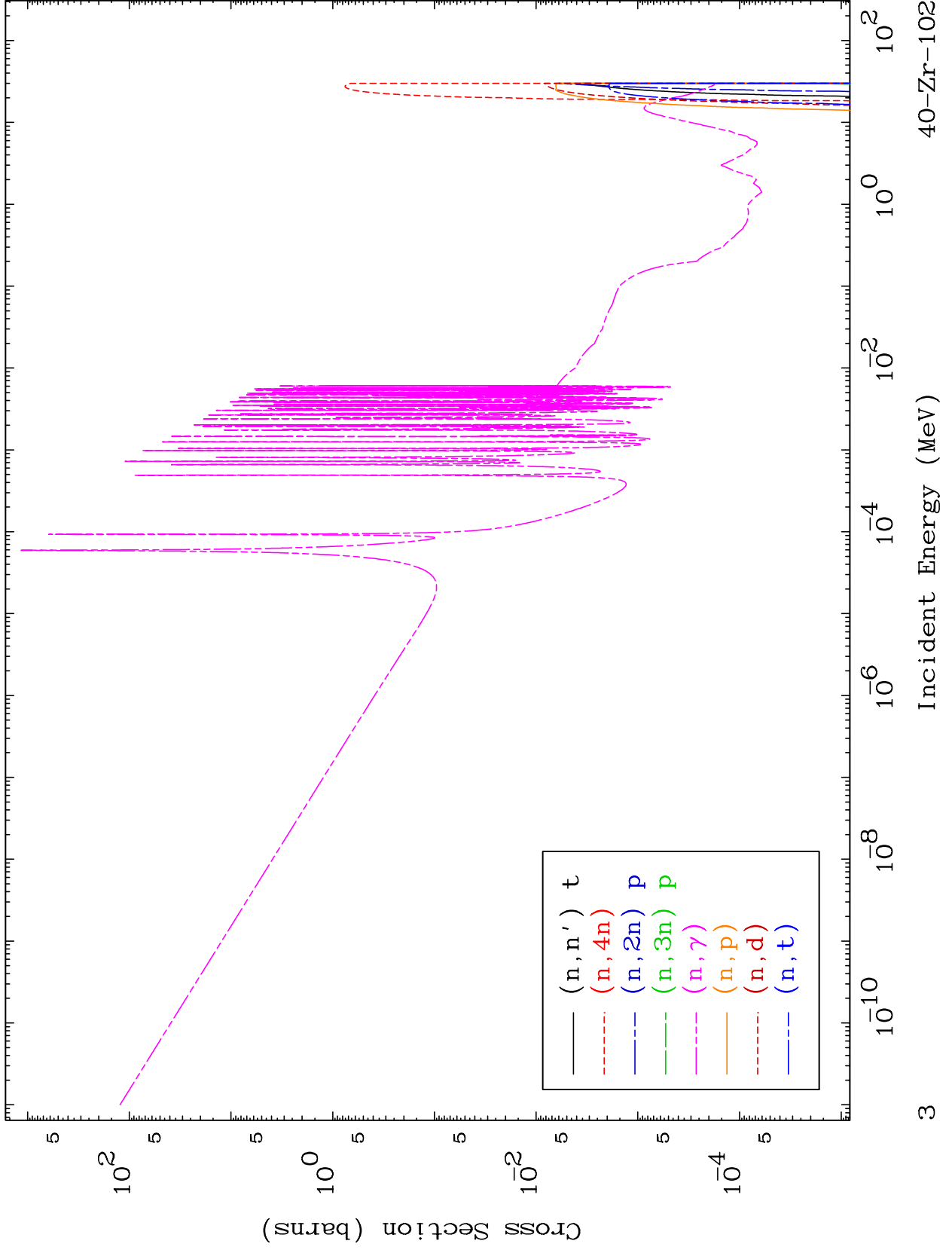
Incident Energy (MeV)

40-Zr-102

MAT 4061

Neutron Absorption
293 Kelvin Cross Sections

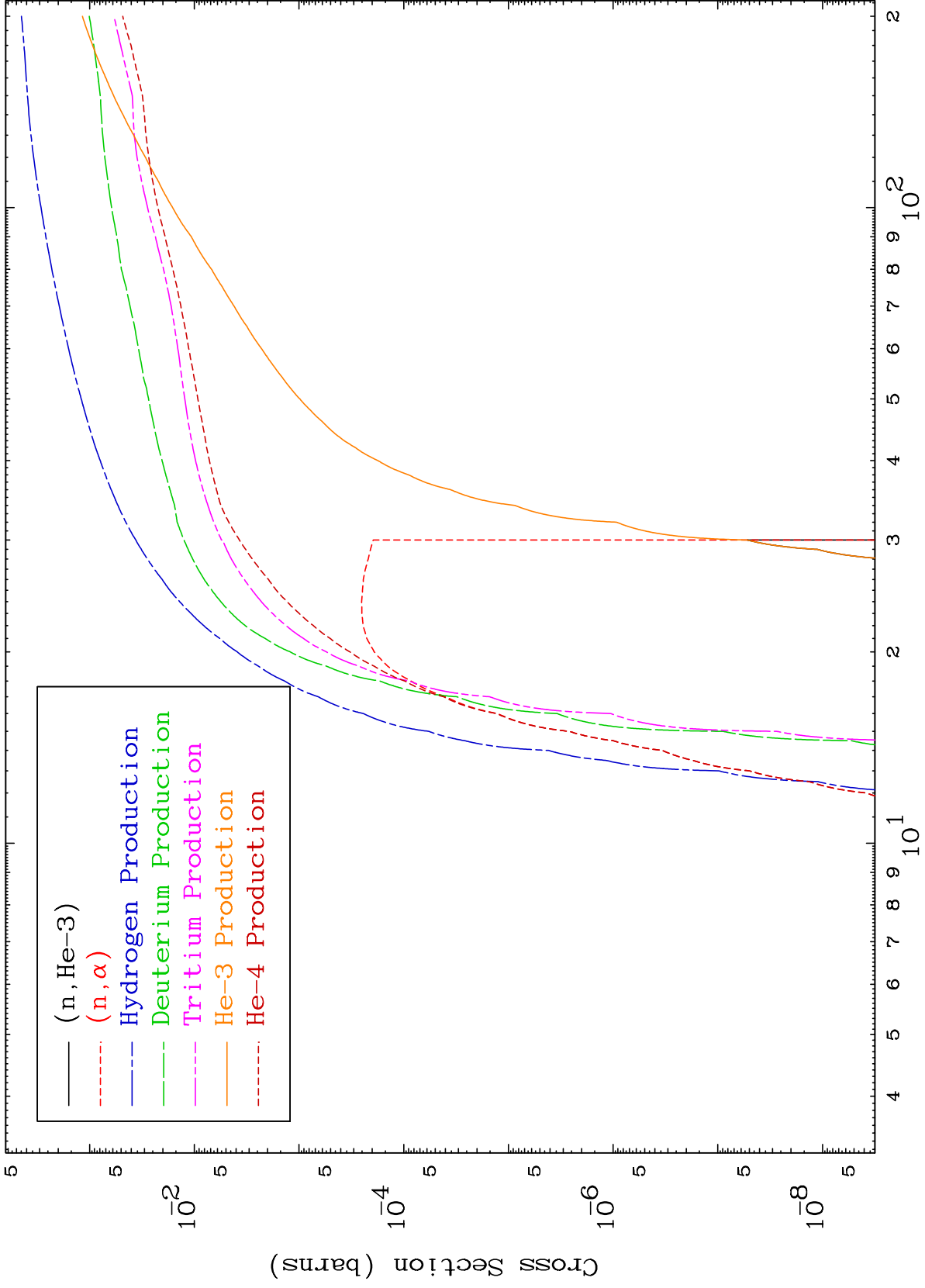
40-Zr-102



MAT 4061

Neutron Absorption
293 Kelvin Cross Sections

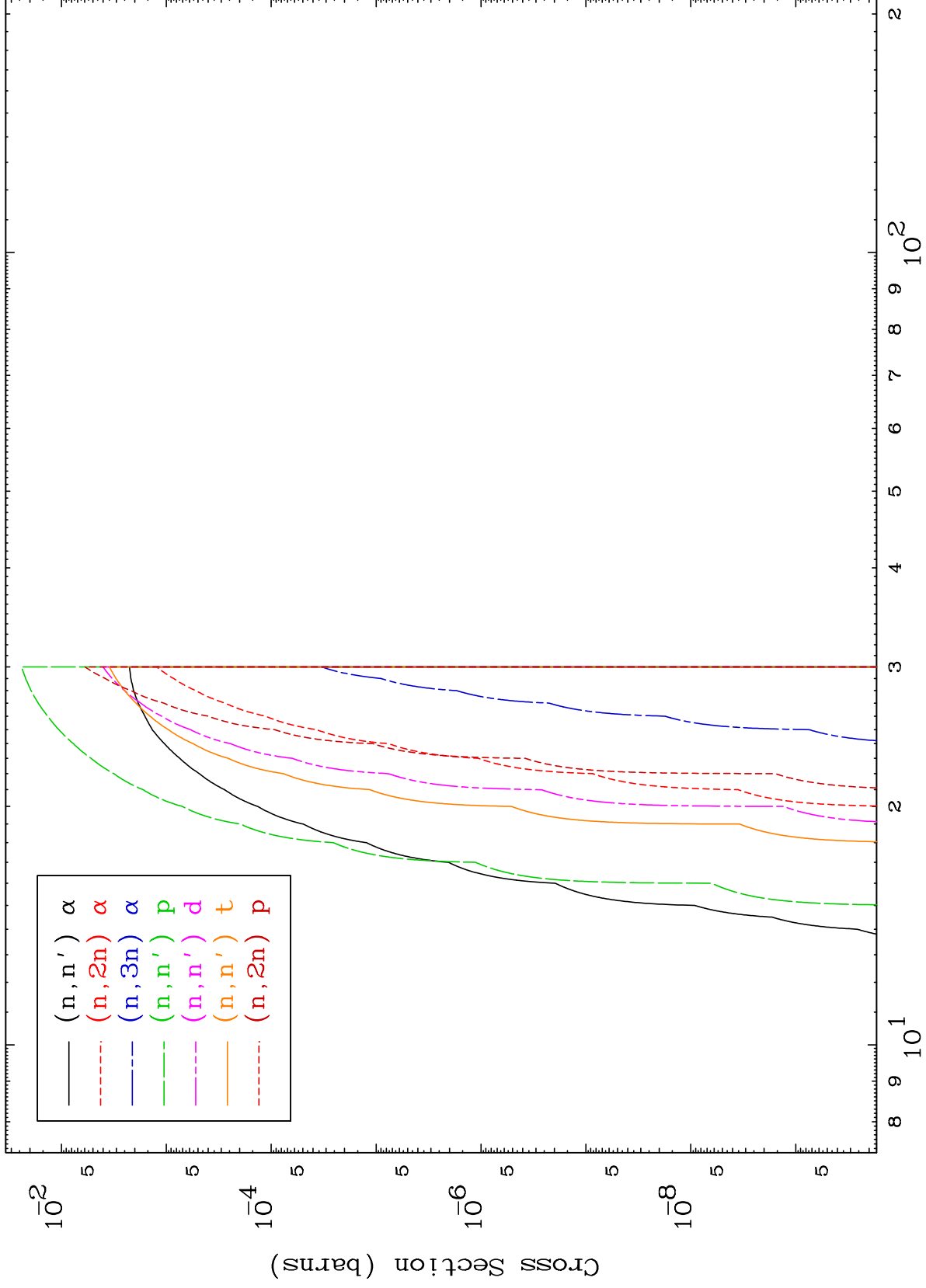
40-Zr-102



MAT 4061

Charged Particle
293 Kelvin Cross Sections

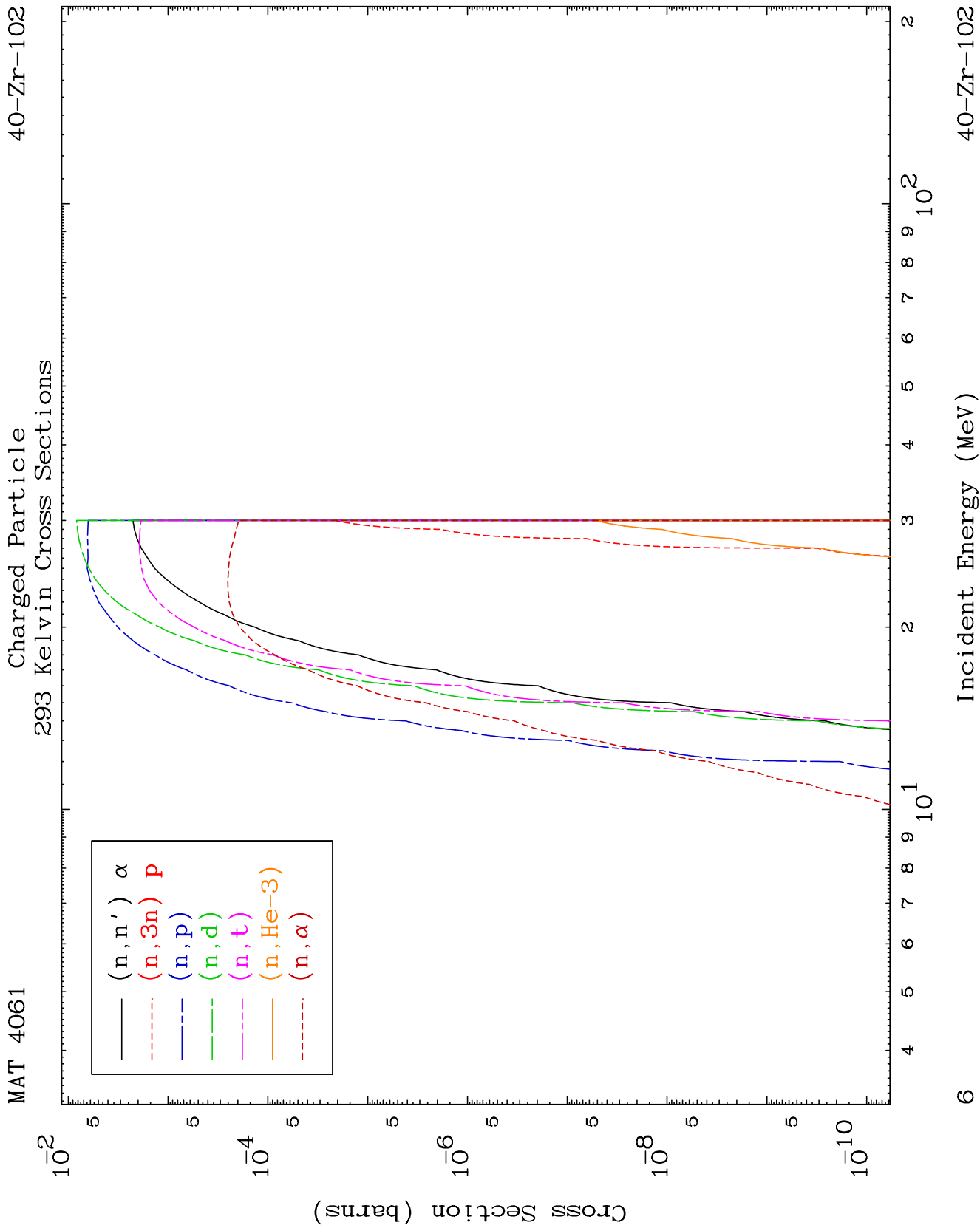
40-Zr-102



5

Incident Energy (MeV)

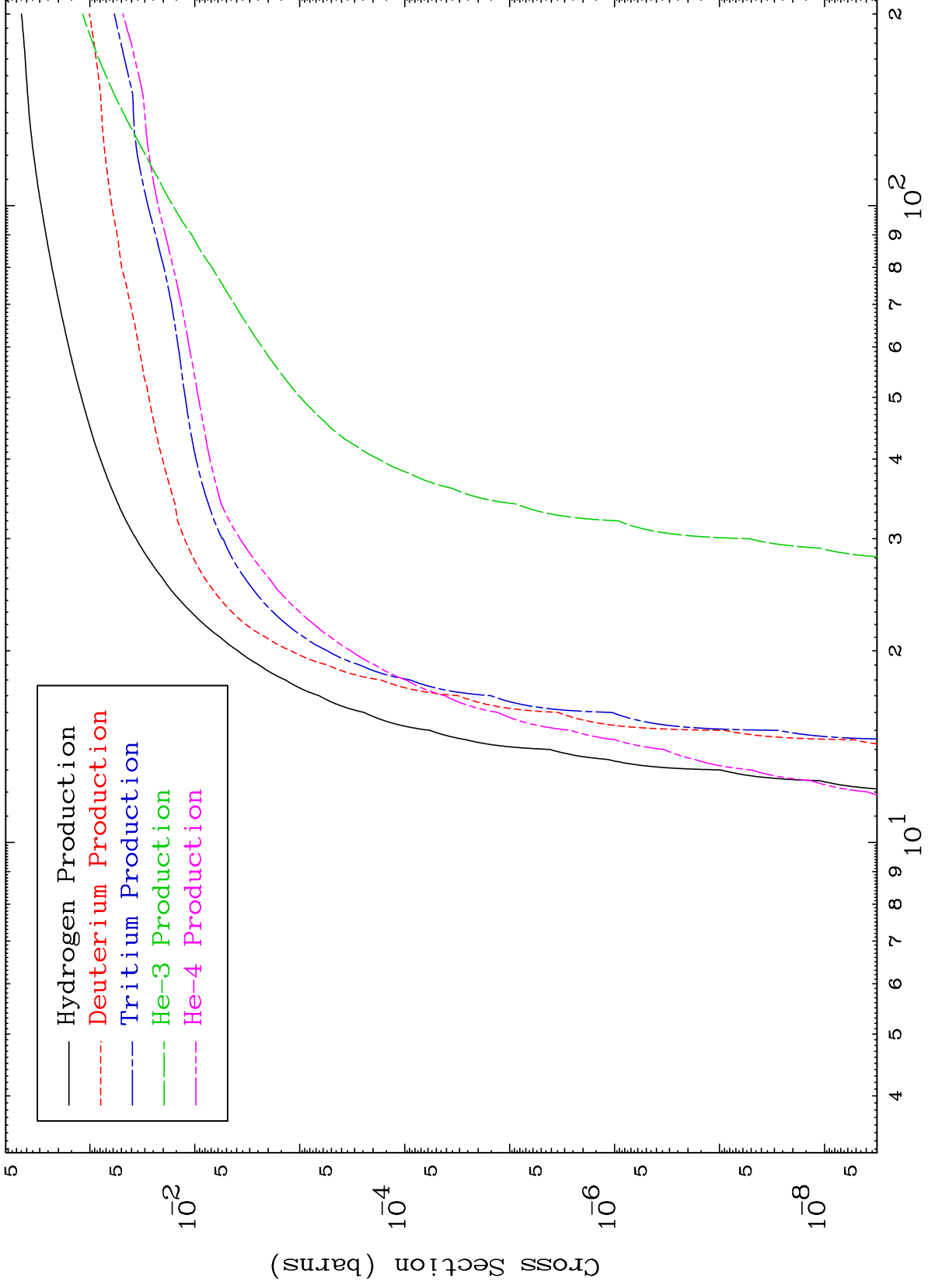
40-Zr-102



MAT 4061

Particle Production
293 Kelvin Cross Sections

40-Zr-102

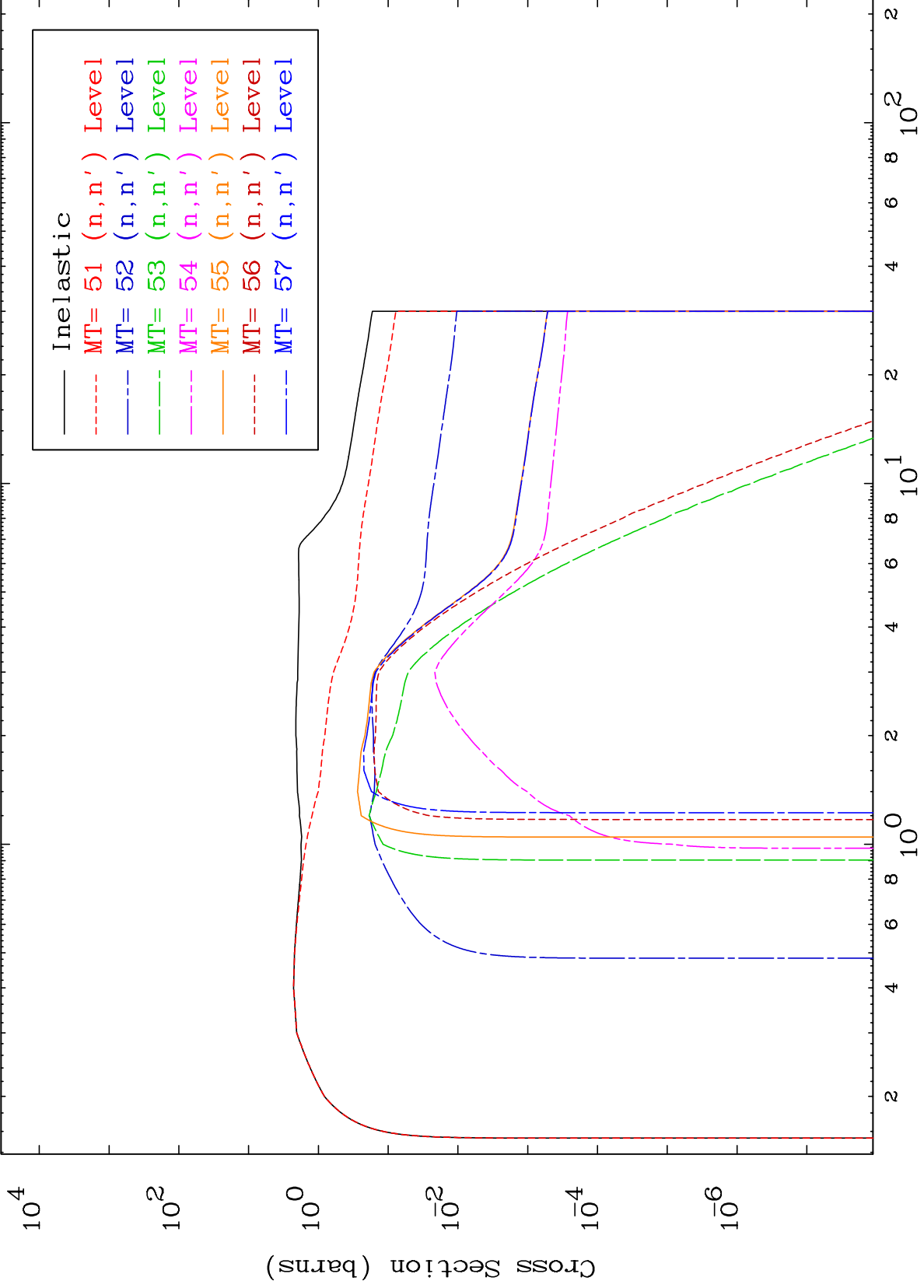


MAT 4061

(n,n') Levels

40-Zr-102

293 Kelvin Cross Sections



8

Incident Energy (MeV)

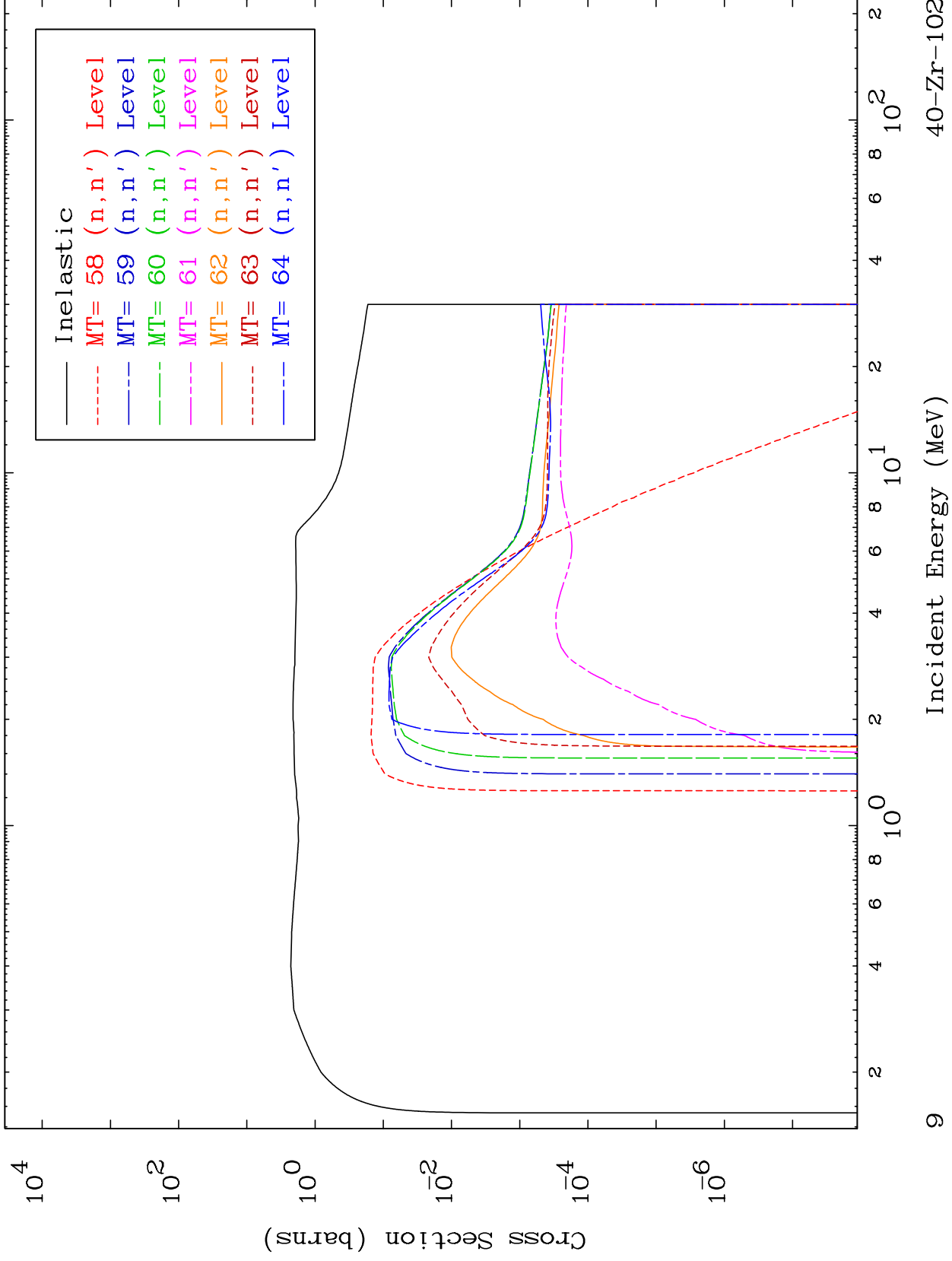
40-Zr-102

MAT 4061

(n,n') Levels

40-Zr-102

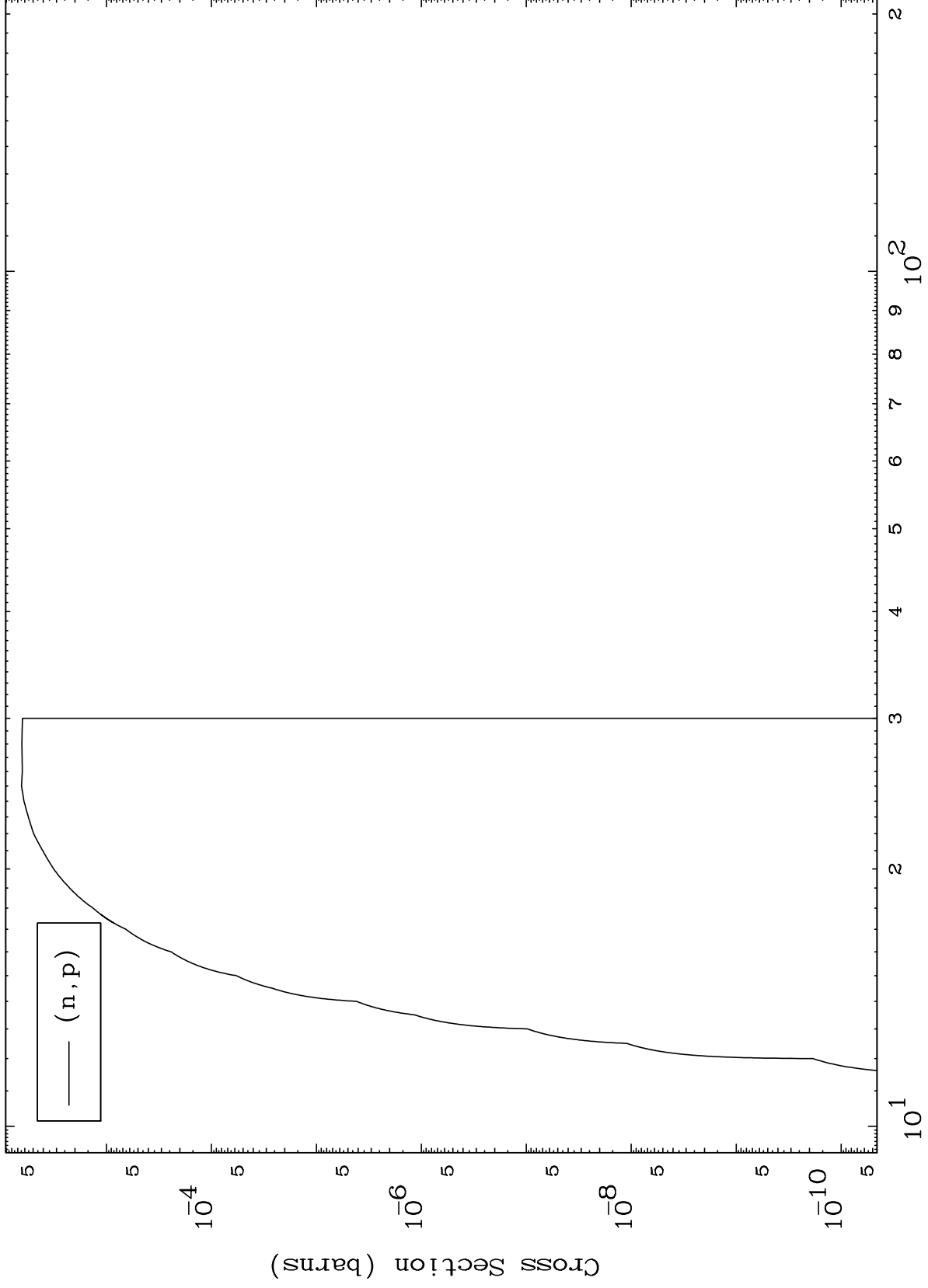
293 Kelvin Cross Sections



MAT 4061

(n,p) Levels
293 Kelvin Cross Sections

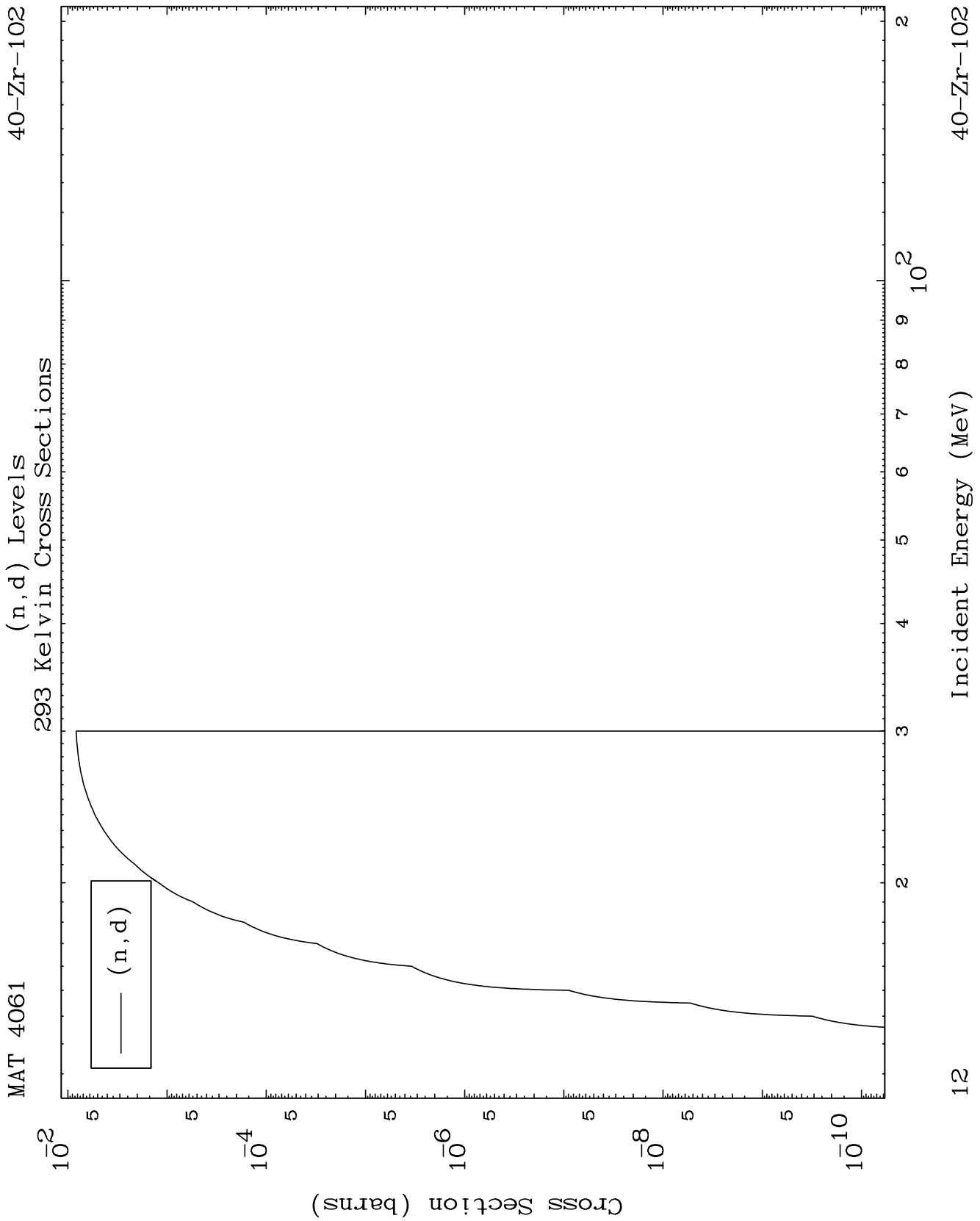
40-Zr-102



11

Incident Energy (MeV)

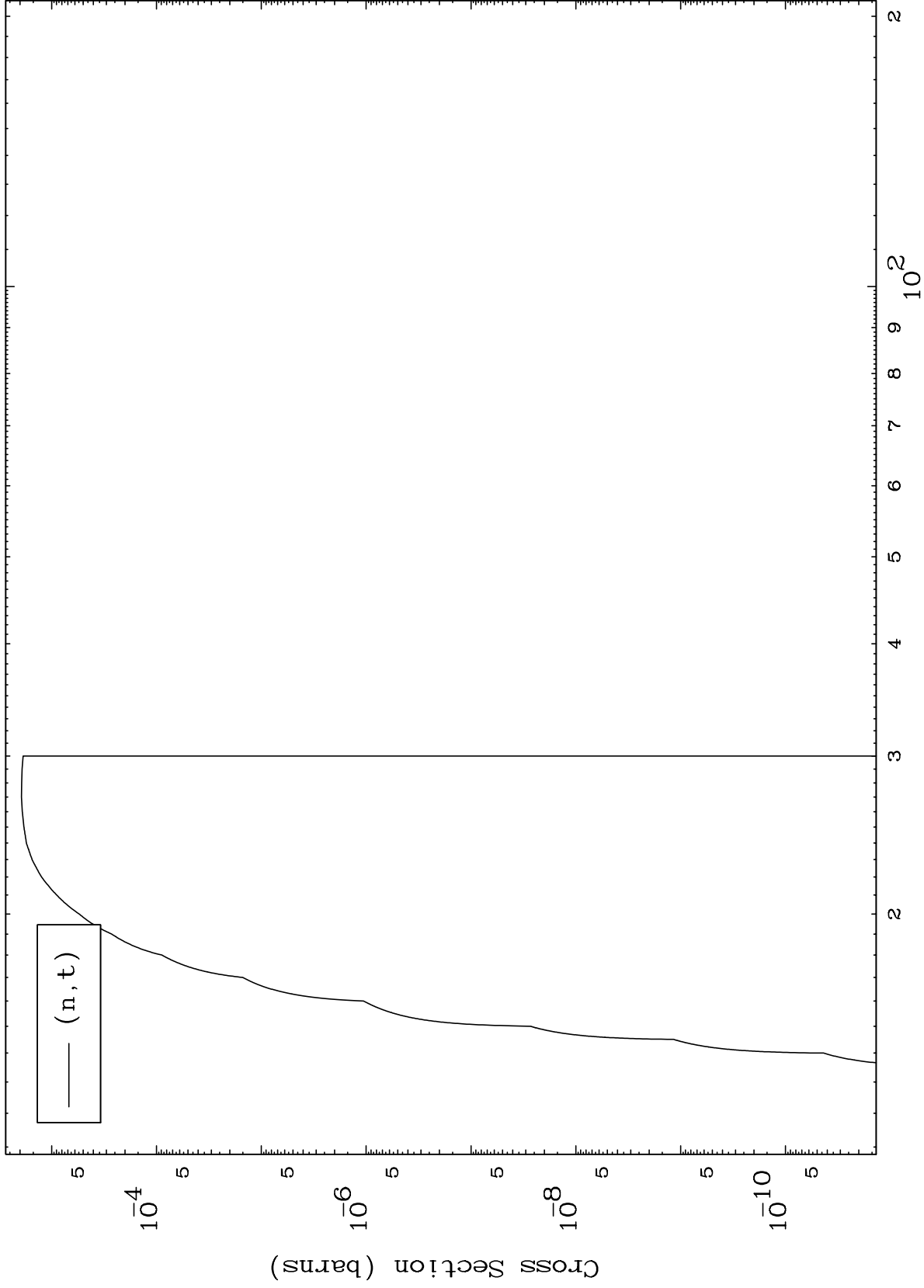
40-Zr-102



MAT 4061

(n,t) Levels
293 Kelvin Cross Sections

40-Zr-102



13

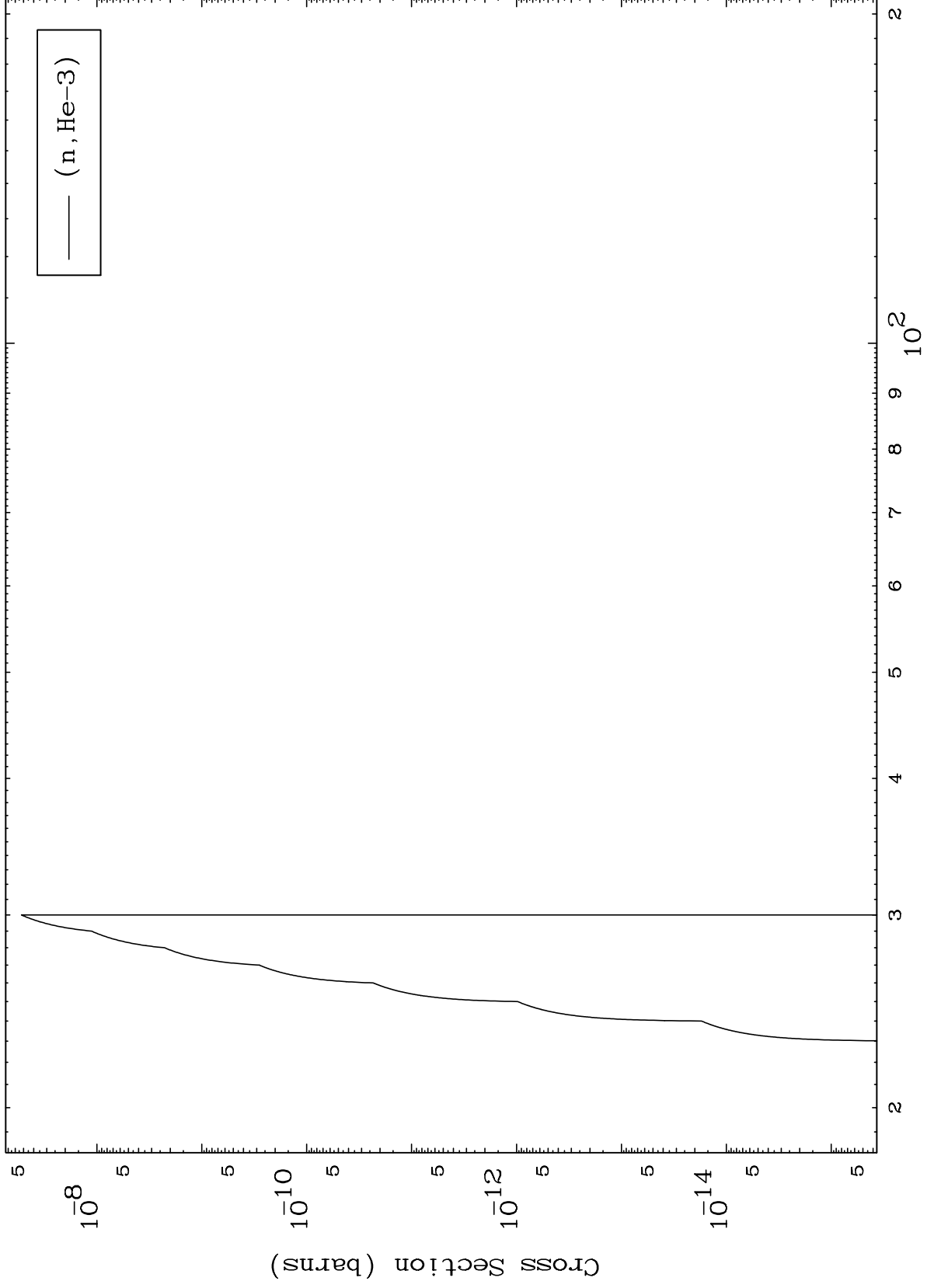
Incident Energy (MeV)

40-Zr-102

MAT 4061

(n,He3) Levels
293 Kelvin Cross Sections

40-Zr-102



14

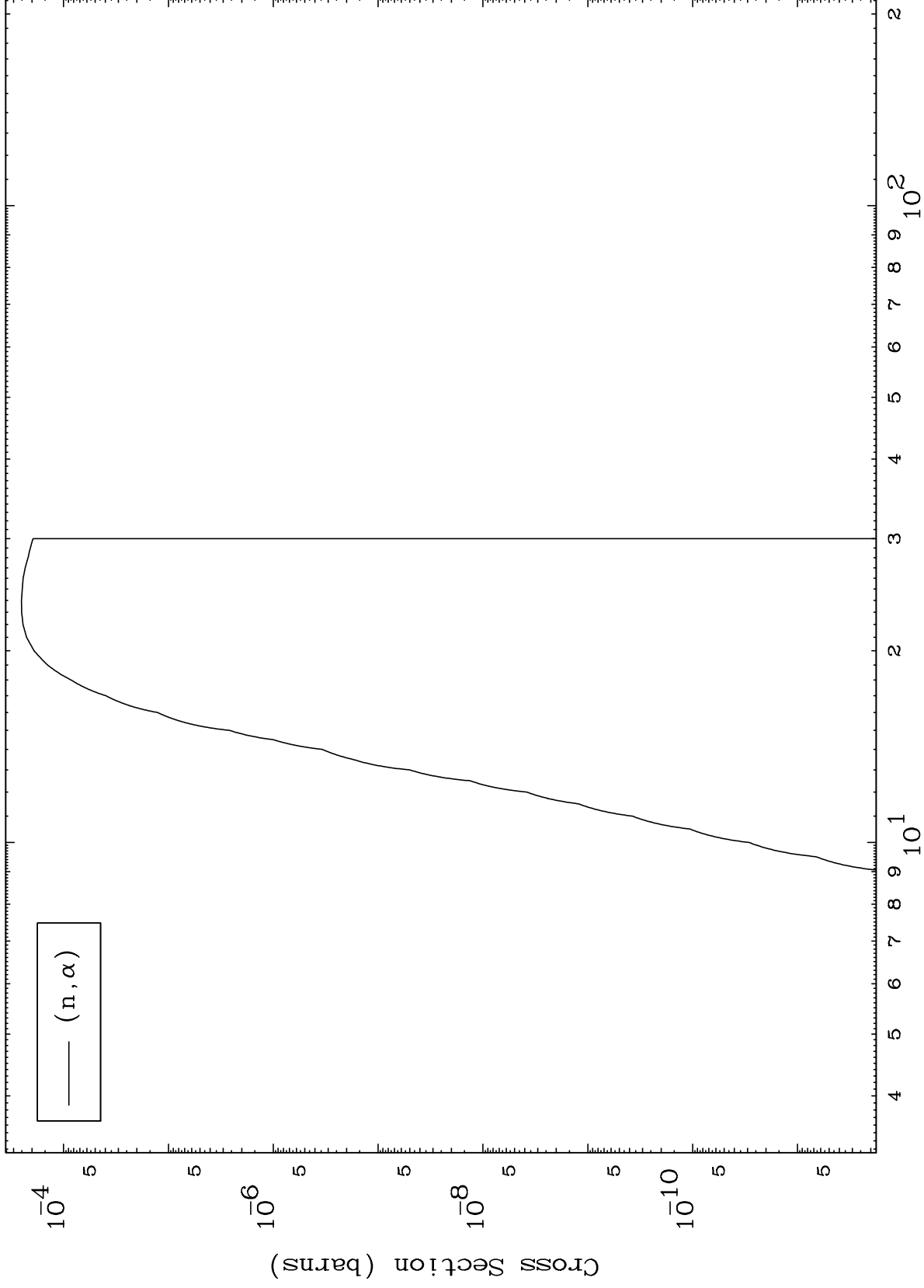
Incident Energy (MeV)

40-Zr-102

MAT 4061

(n, α) Levels
293 Kelvin Cross Sections

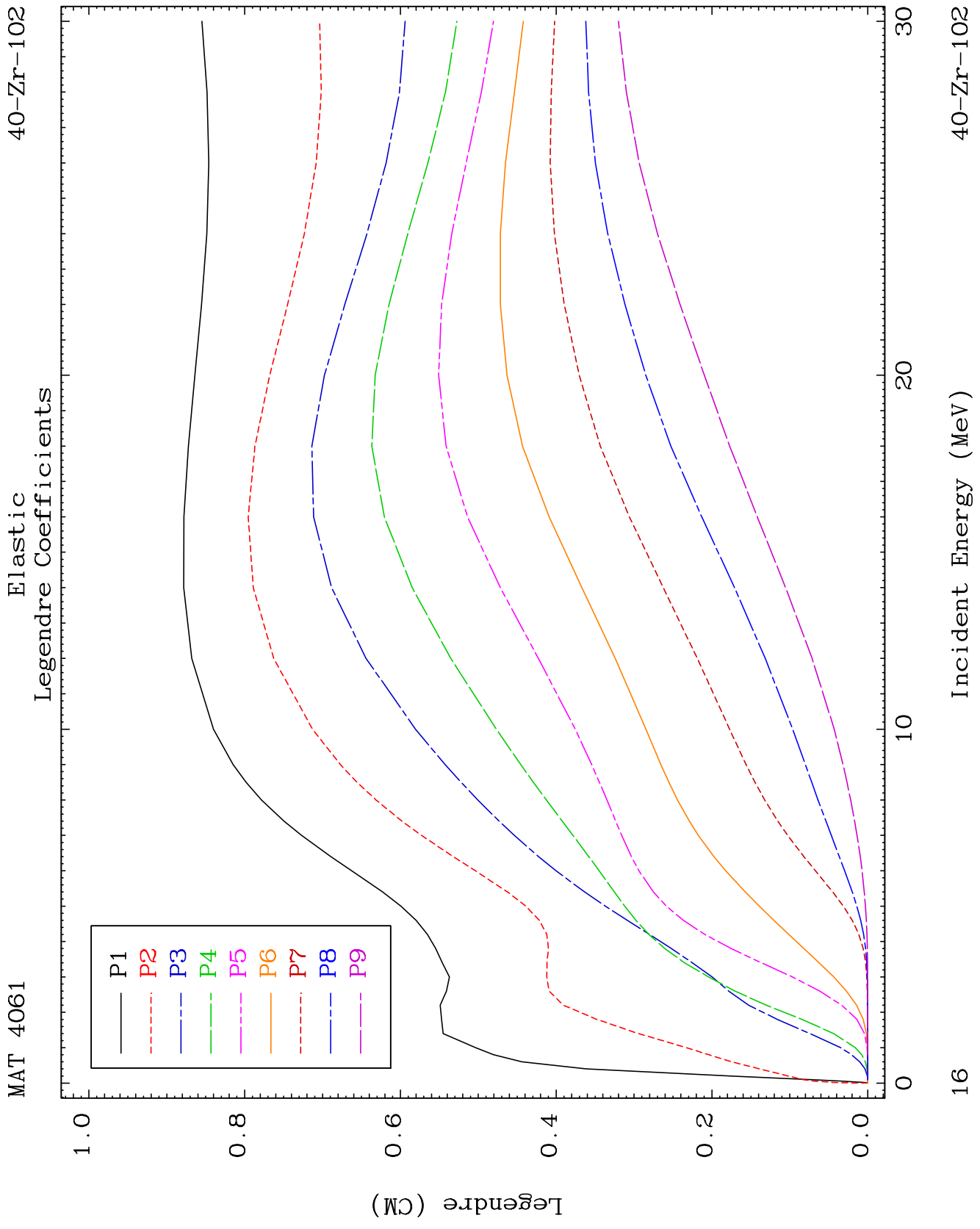
40-Zr-102

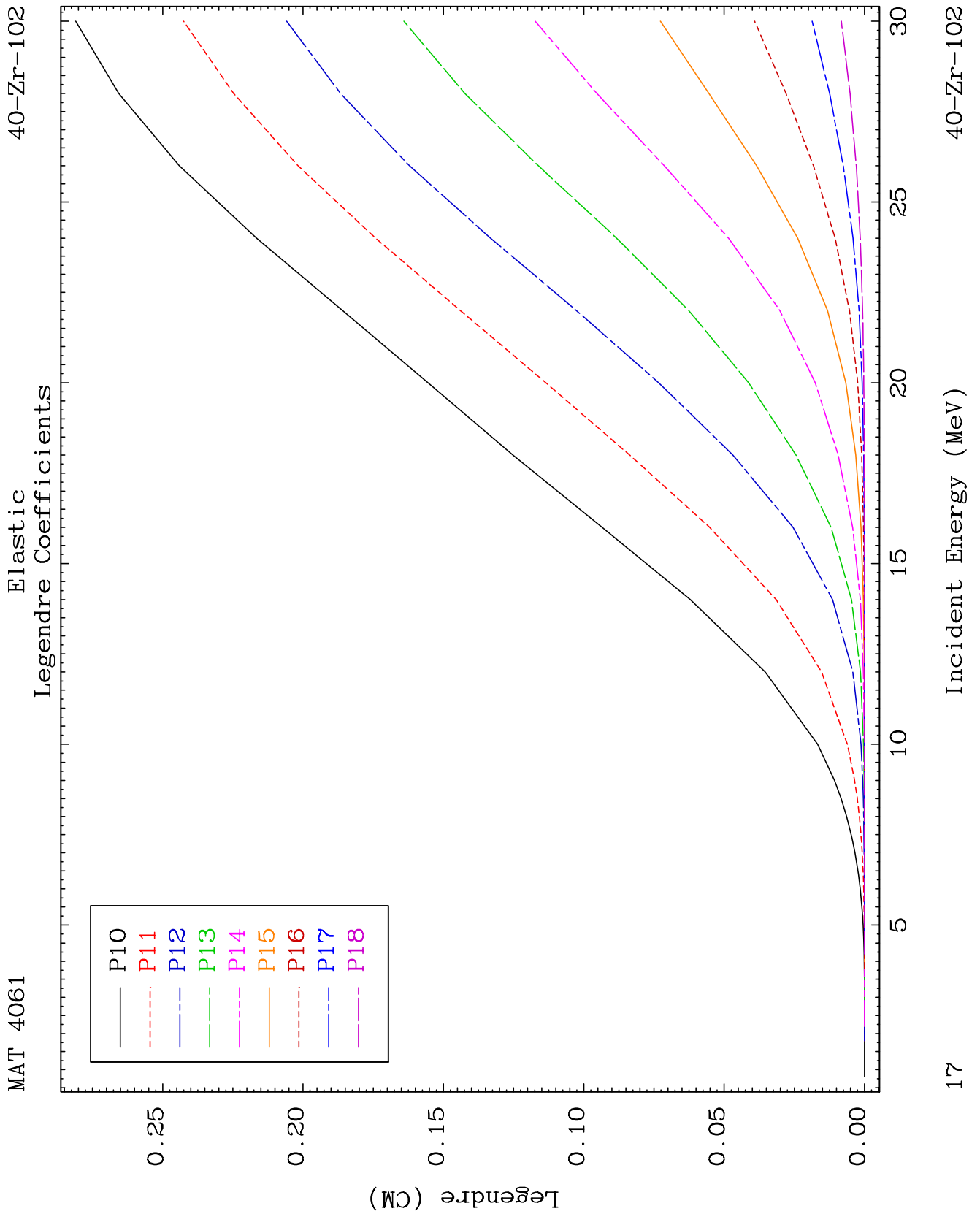


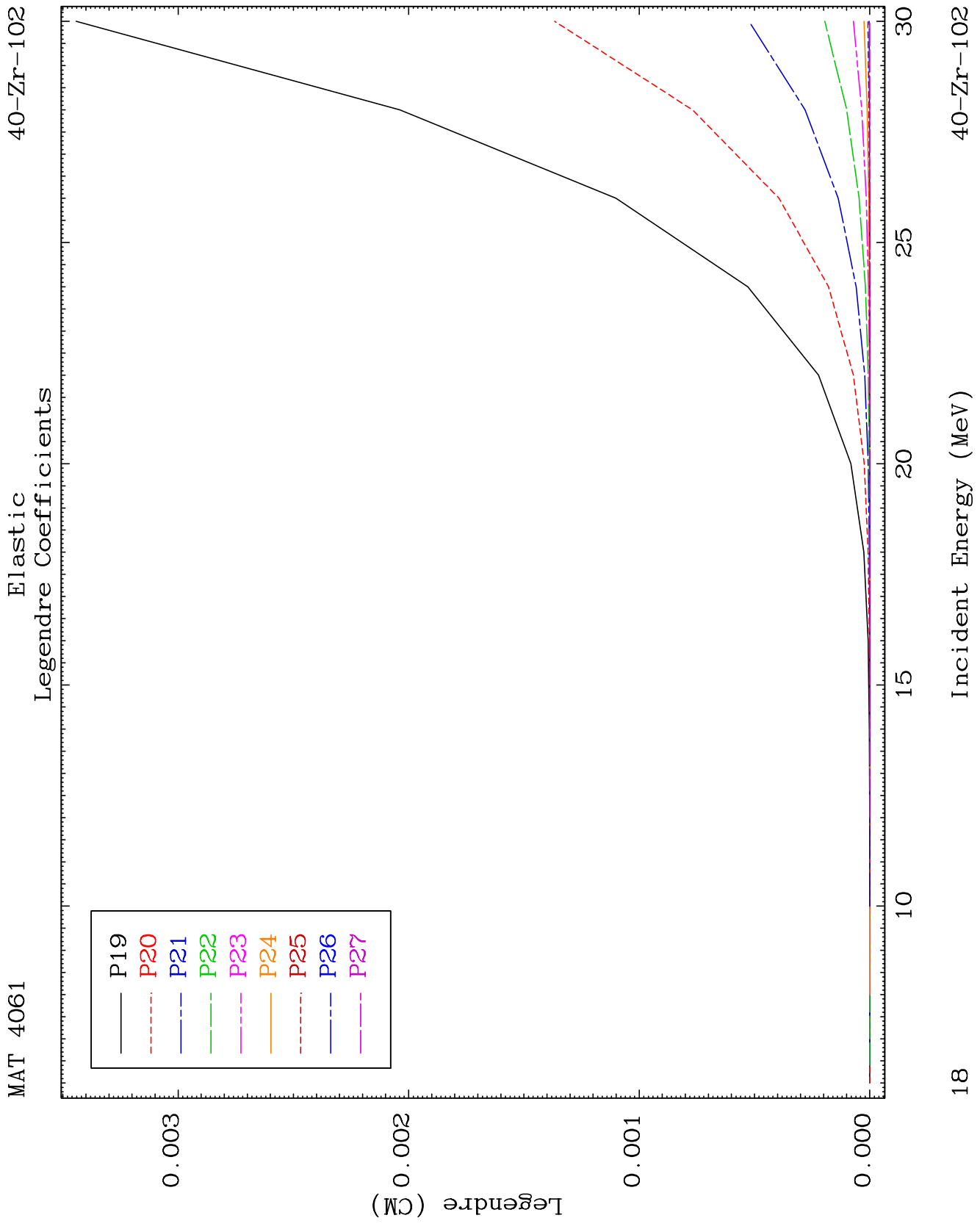
15

Incident Energy (MeV)

40-Zr-102



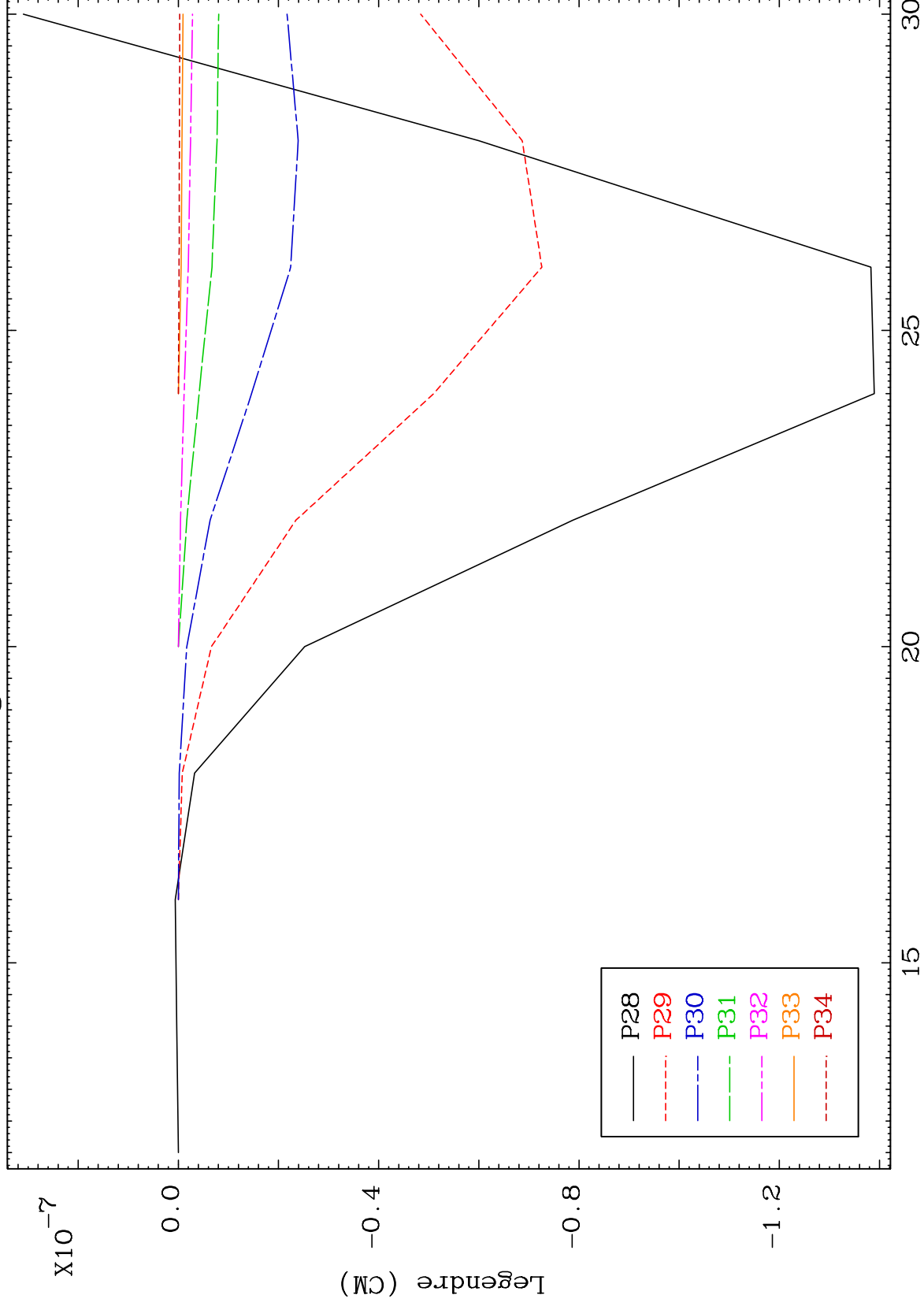




MAT 4061

40-Zr-102

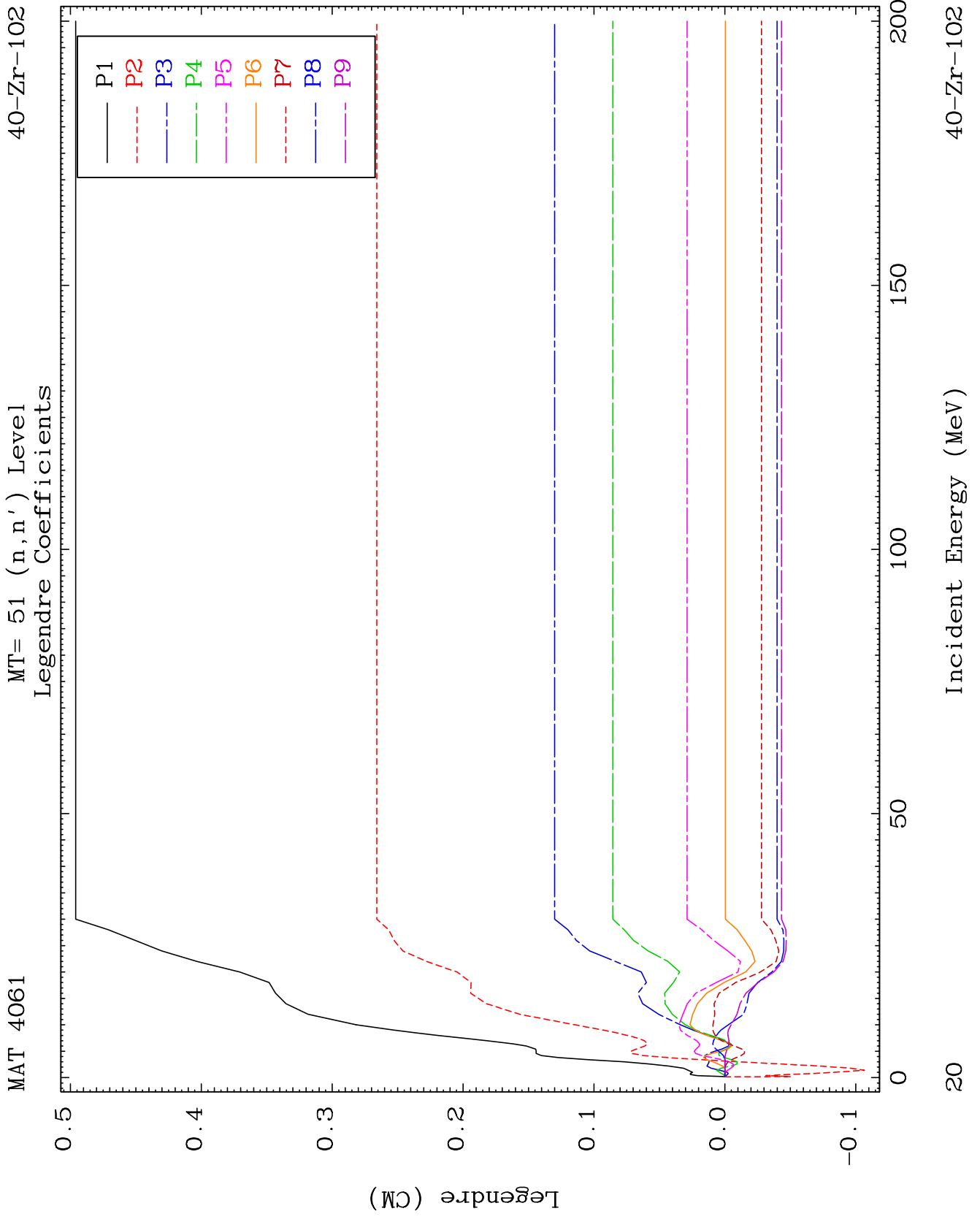
Elastic Legendre Coefficients

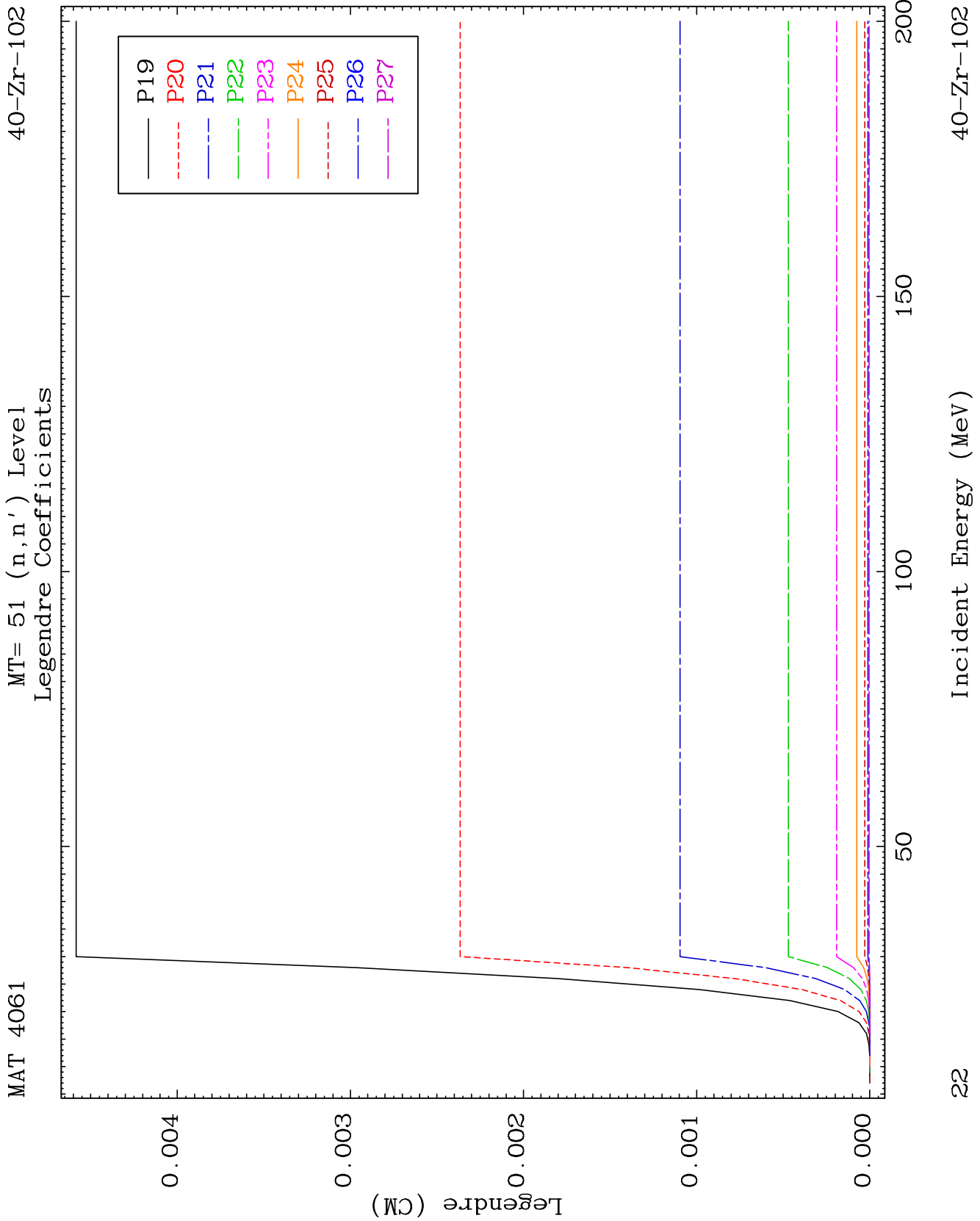


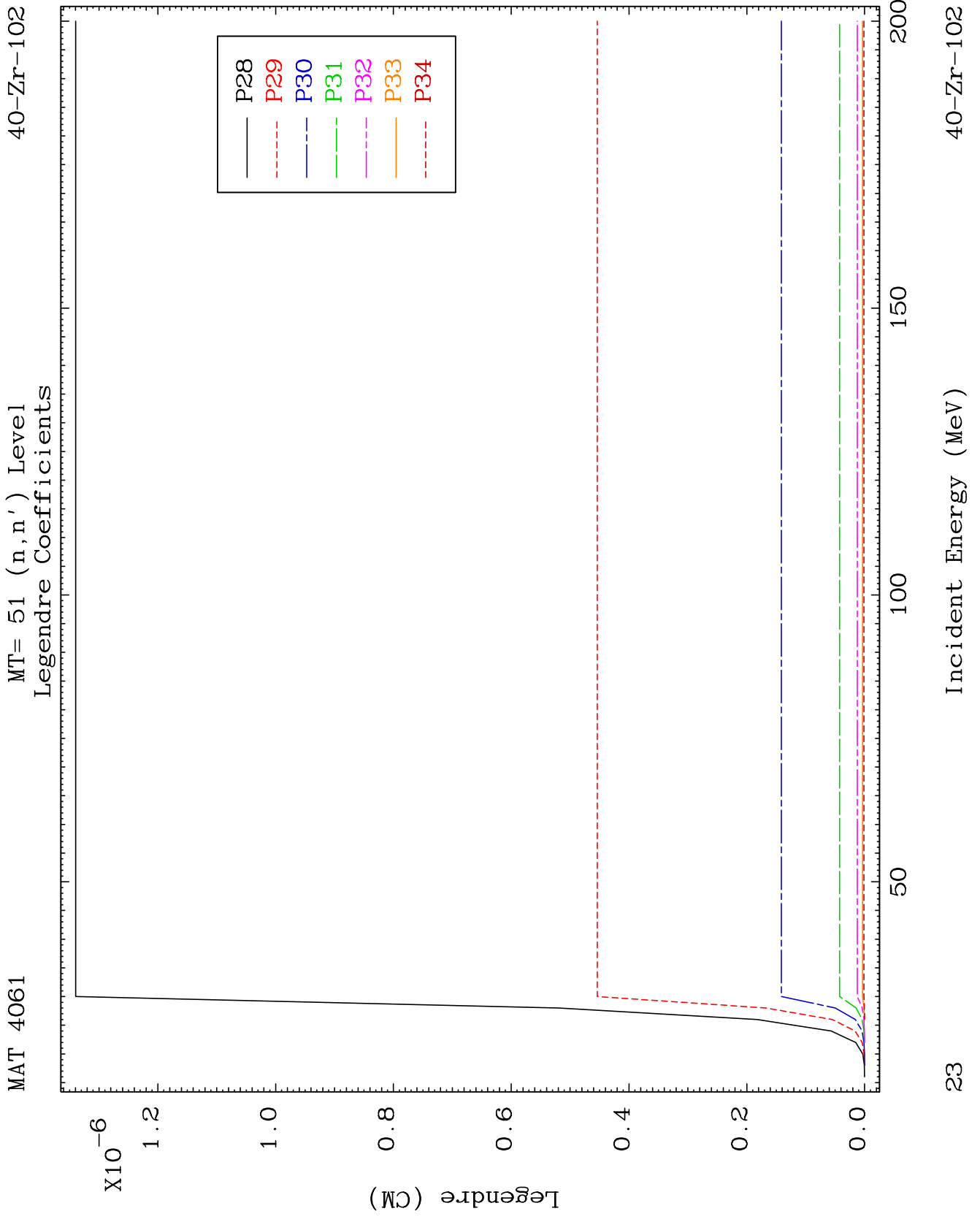
19

Incident Energy (MeV)

40-Zr-102



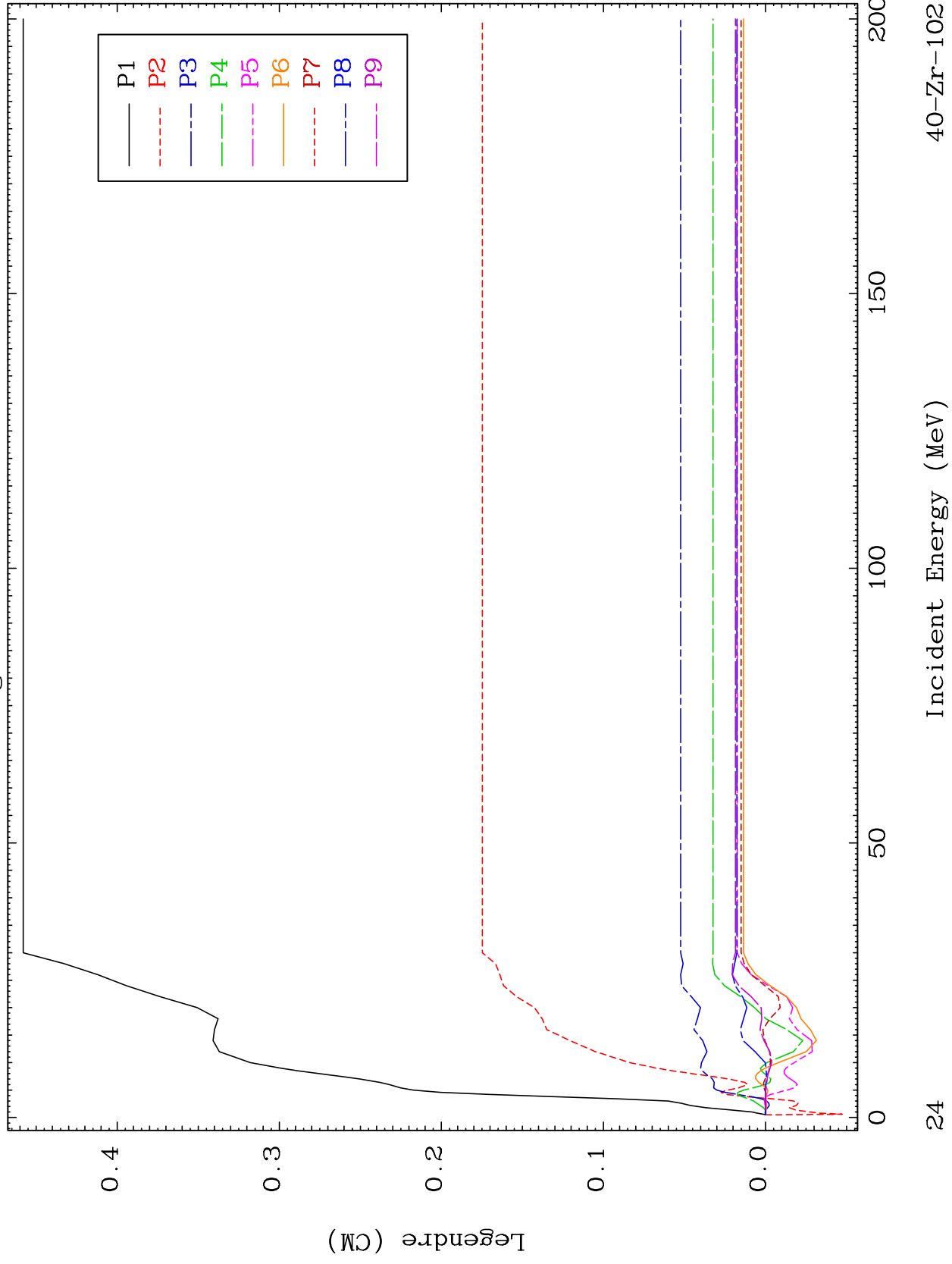




MAT 4061

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

40-Zr-102



24

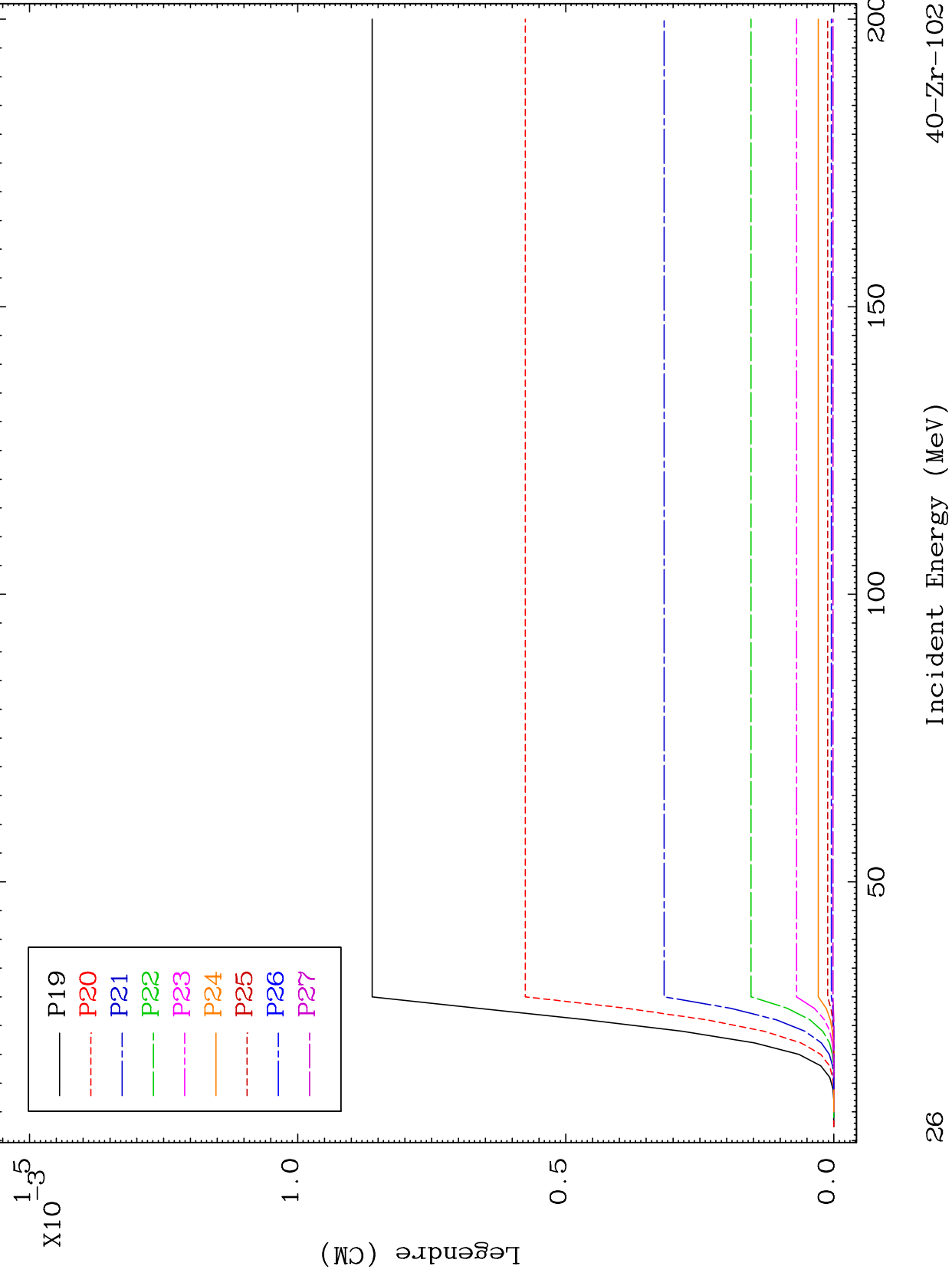
Incident Energy (MeV)

40-Zr-102

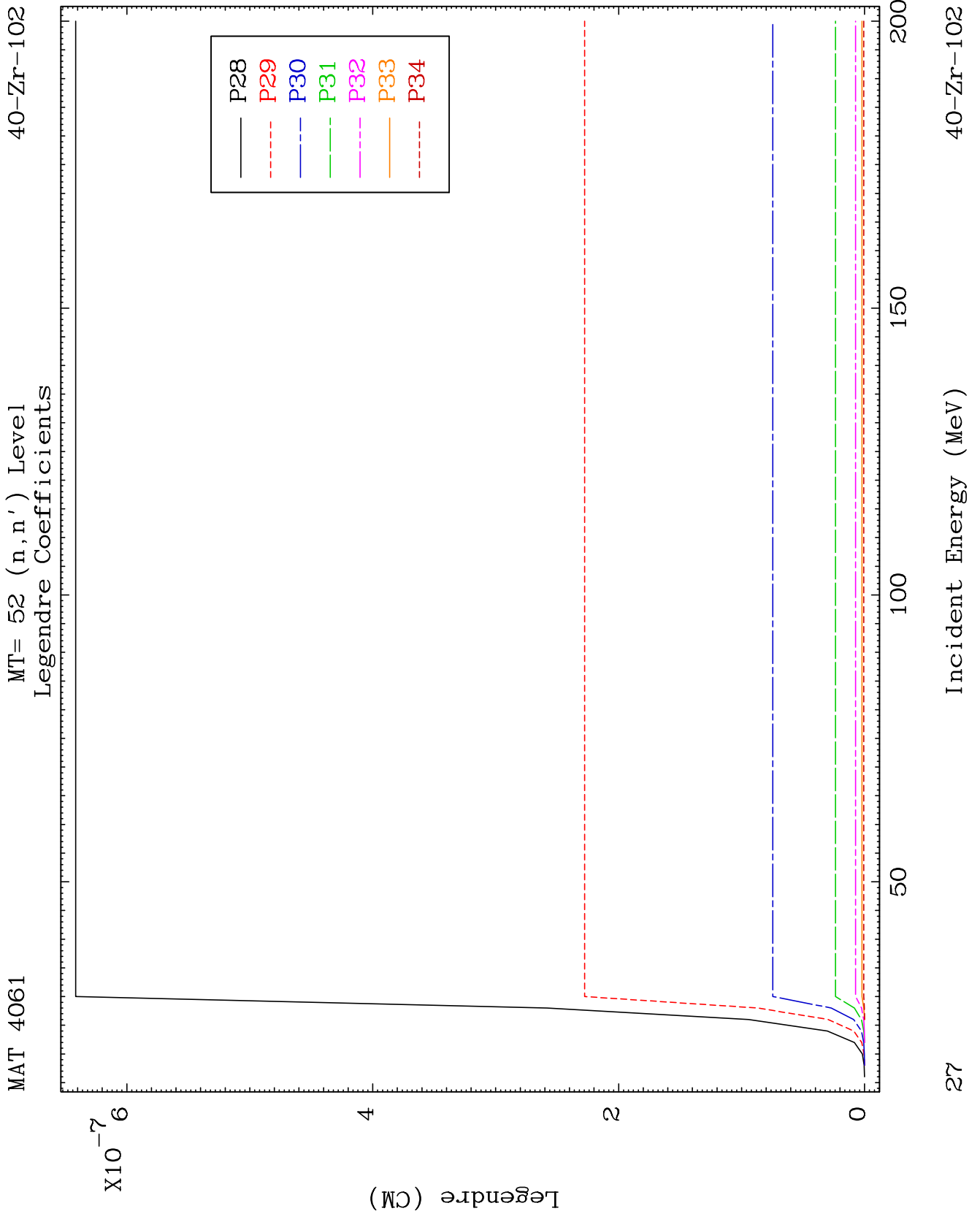
MAT 4061

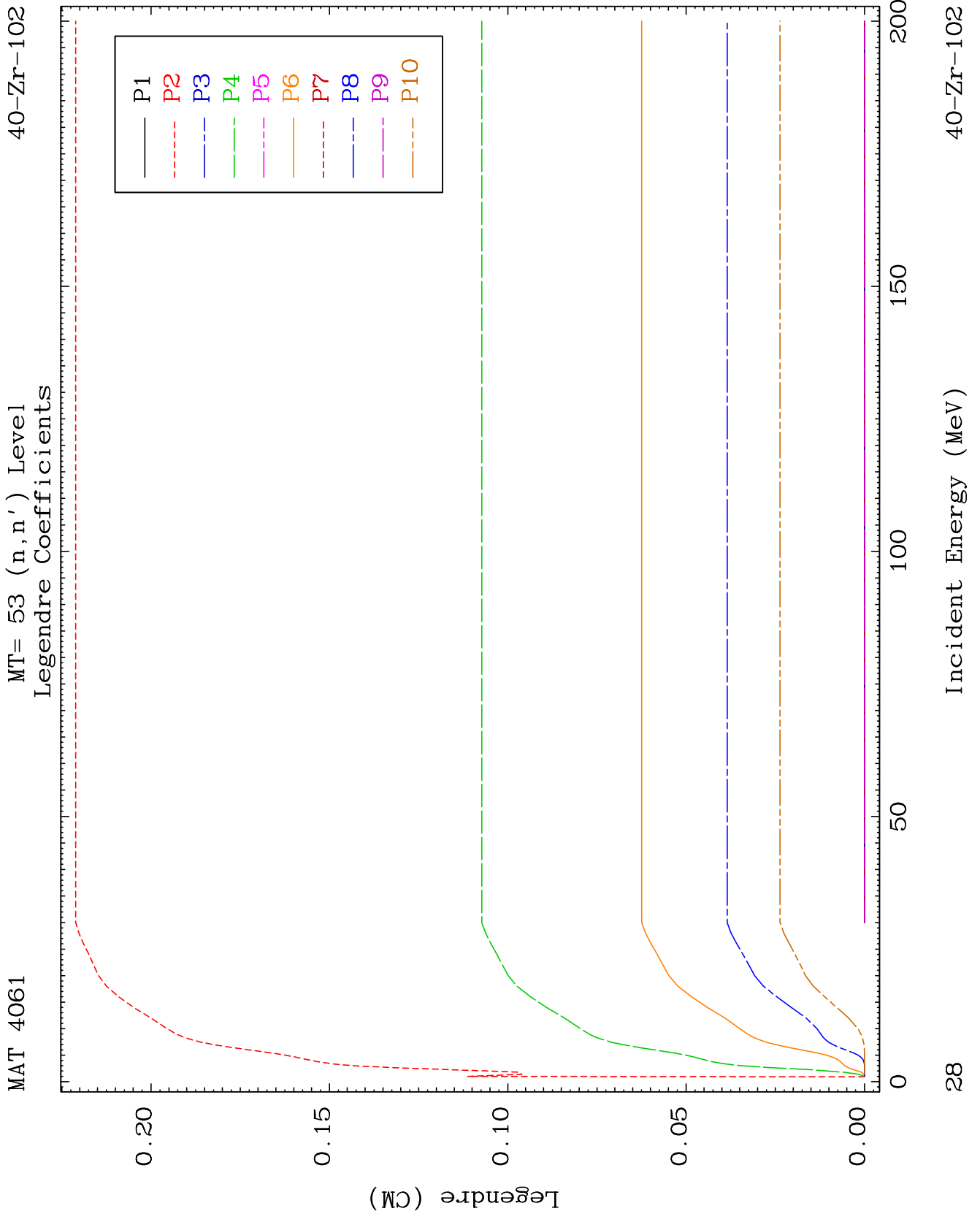
MT= 52 (n,n') Level
Legendre Coefficients

40-Zr-102



26

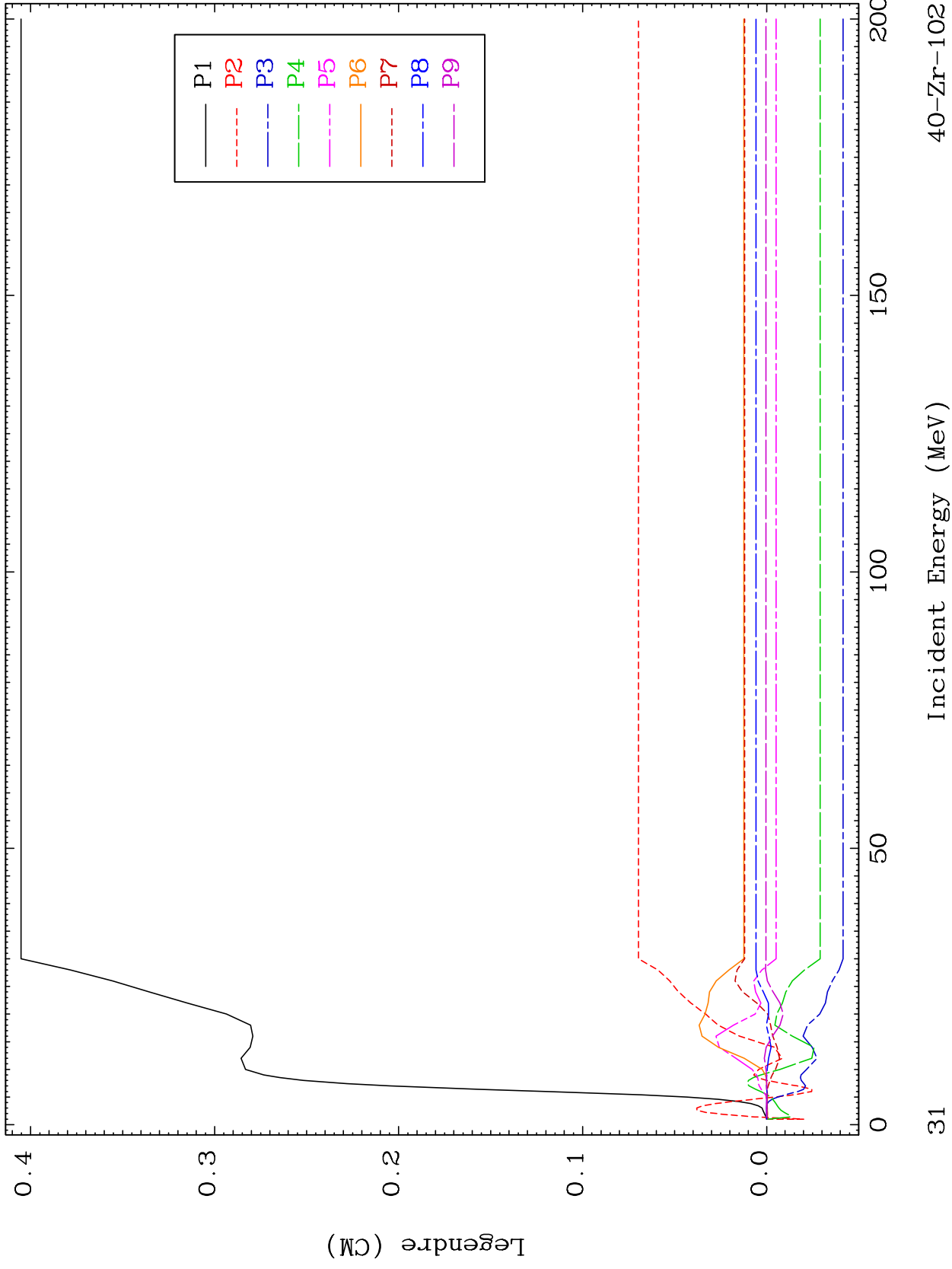




MAT 4061

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

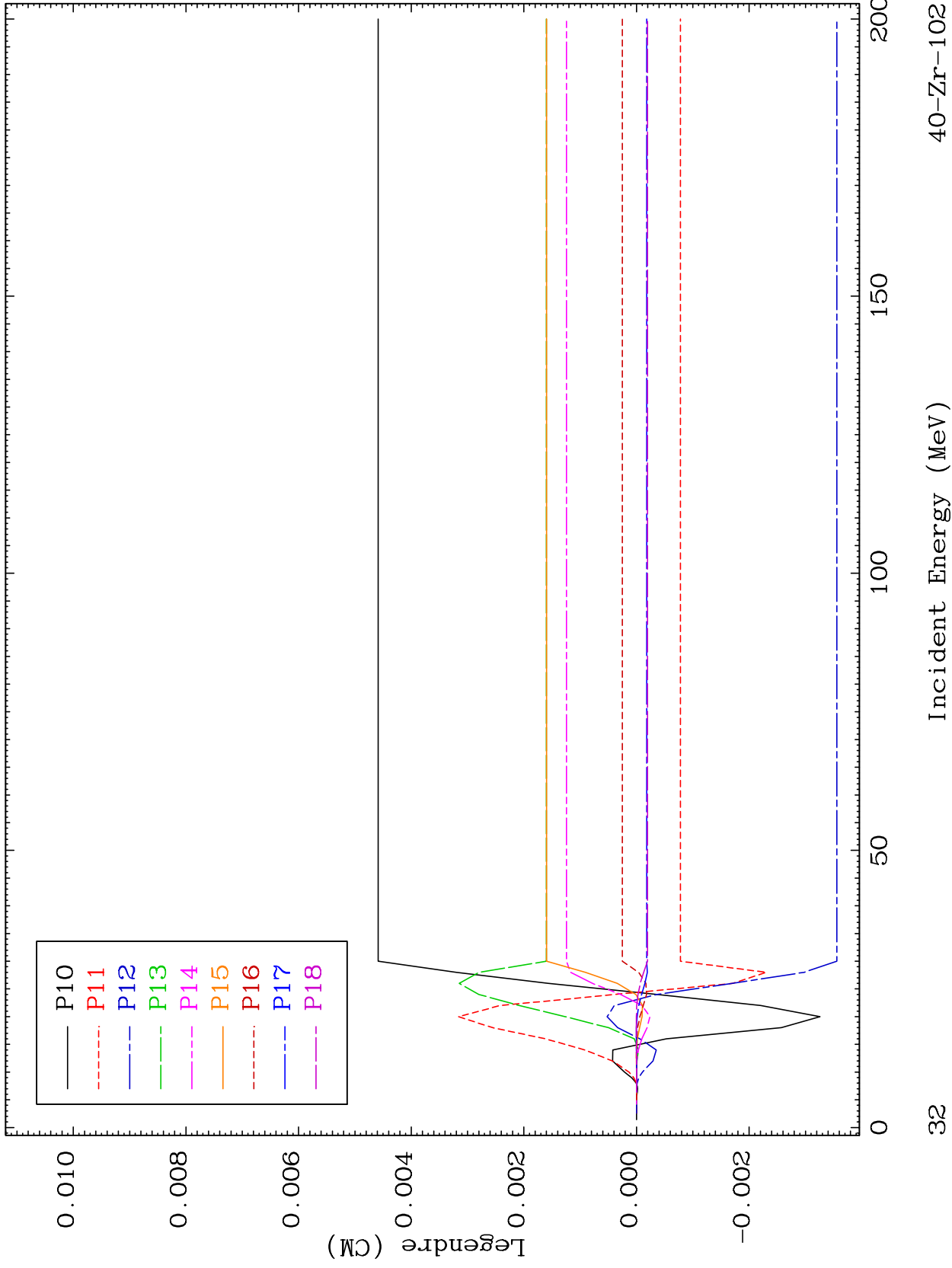
40-Zr-102



MAT 4061

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

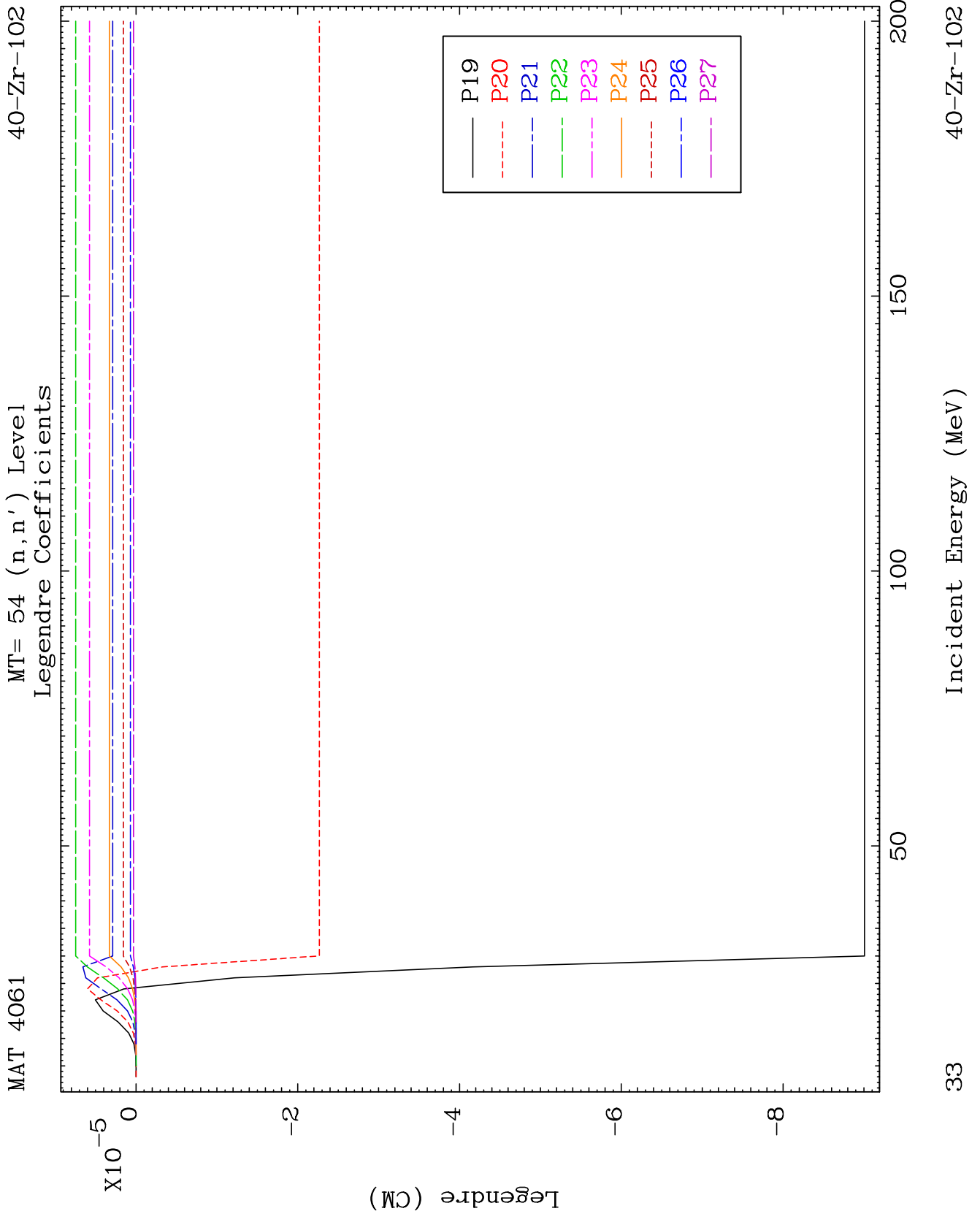
40-Zr-102

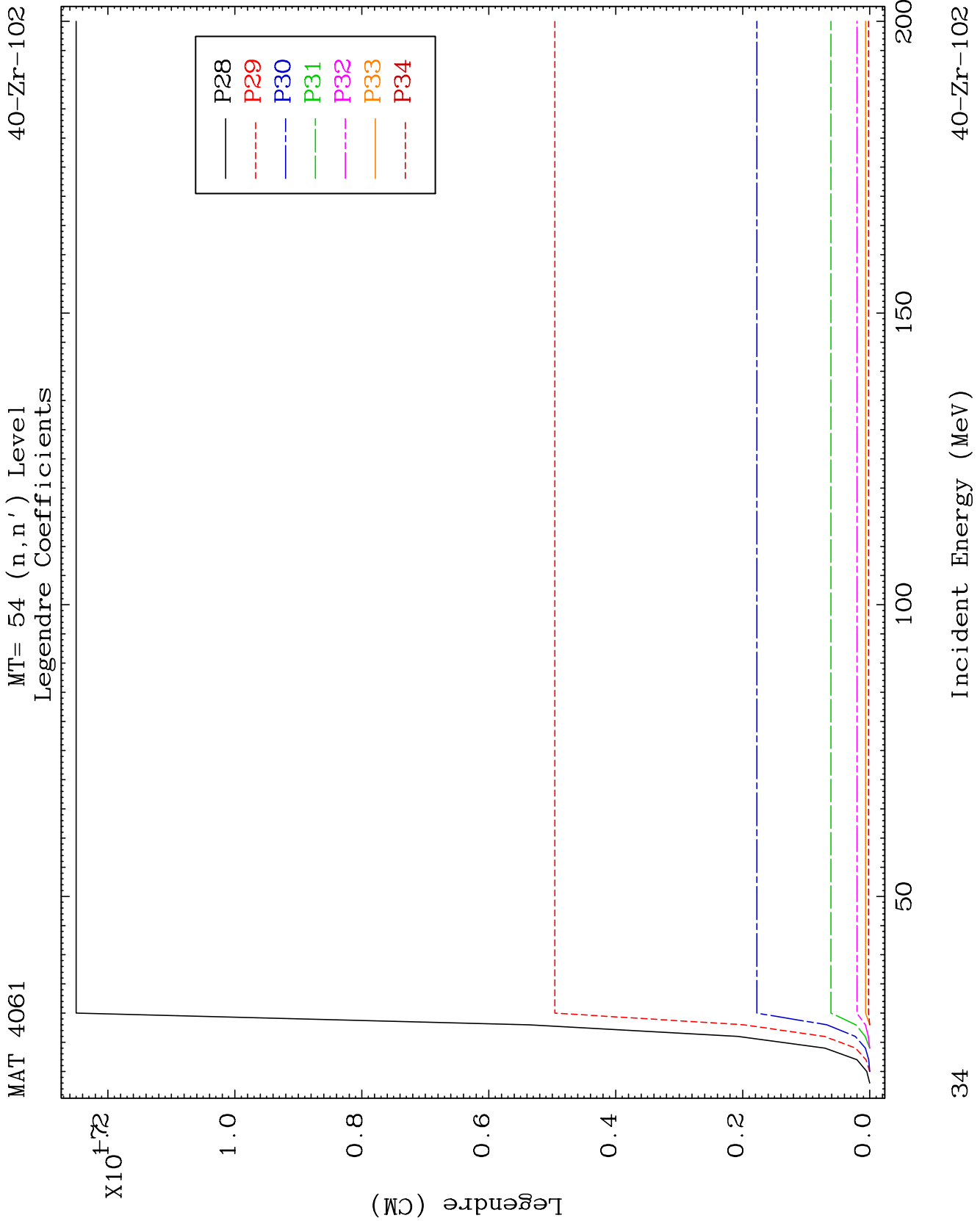


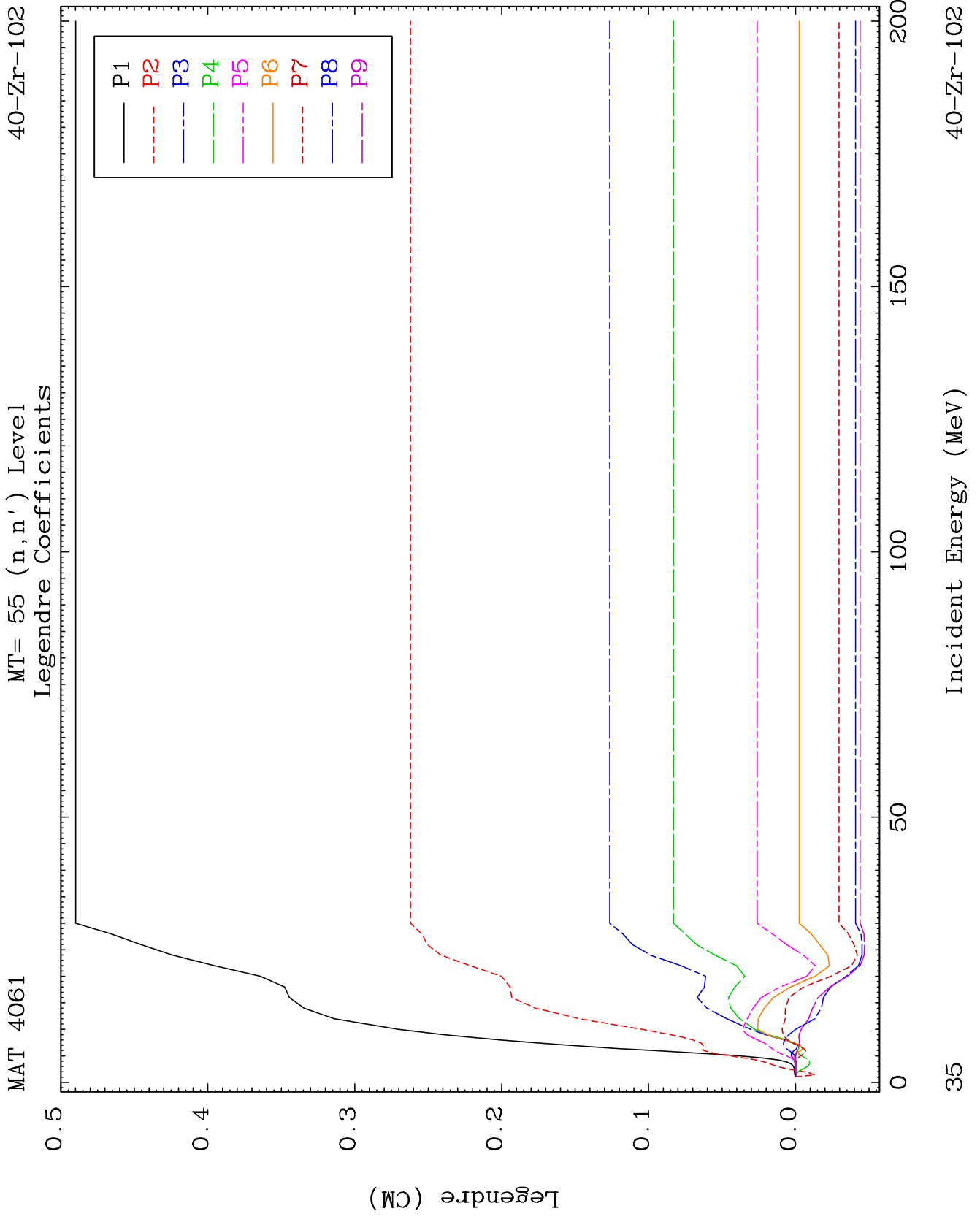
32

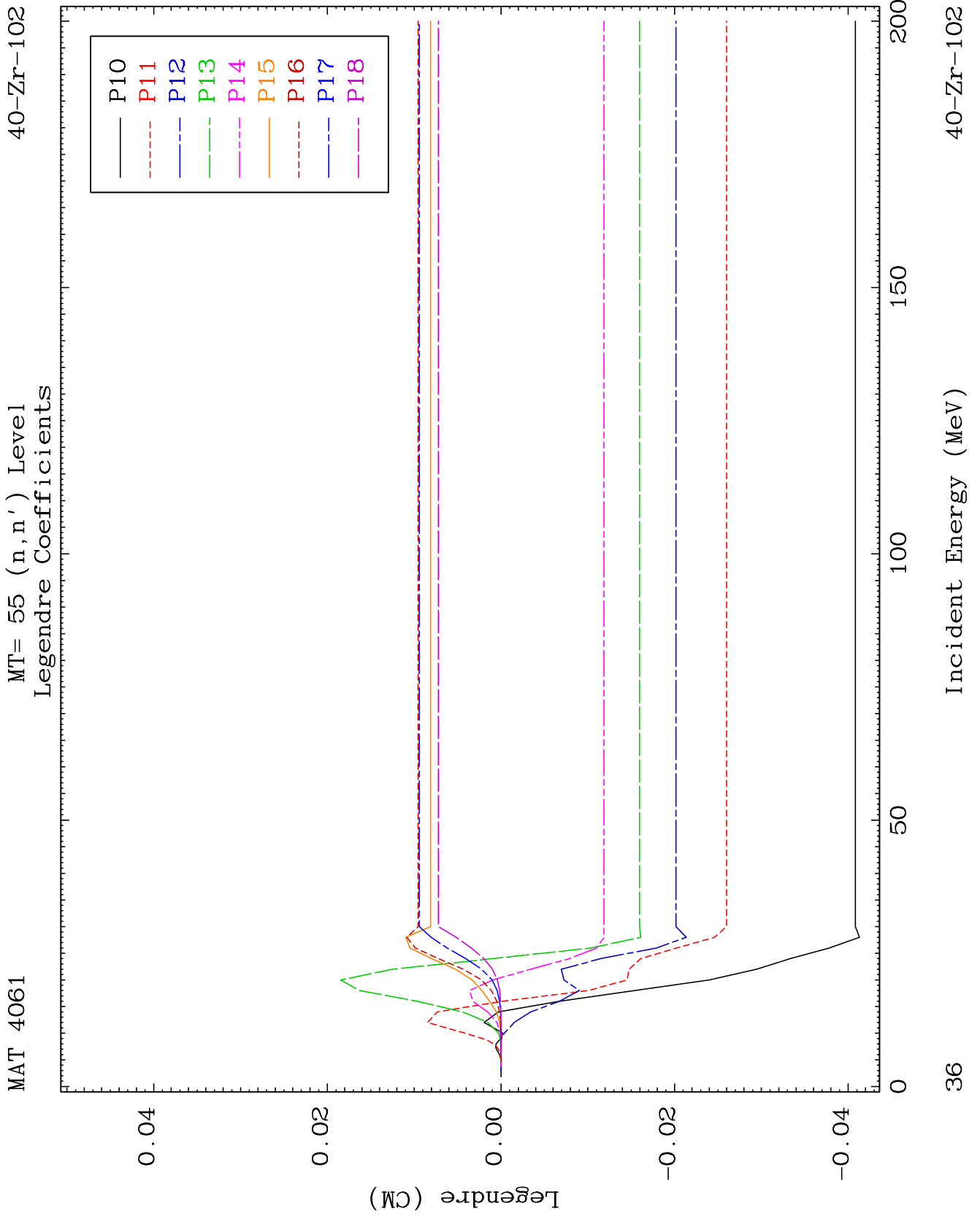
Incident Energy (MeV)

40-Zr-102





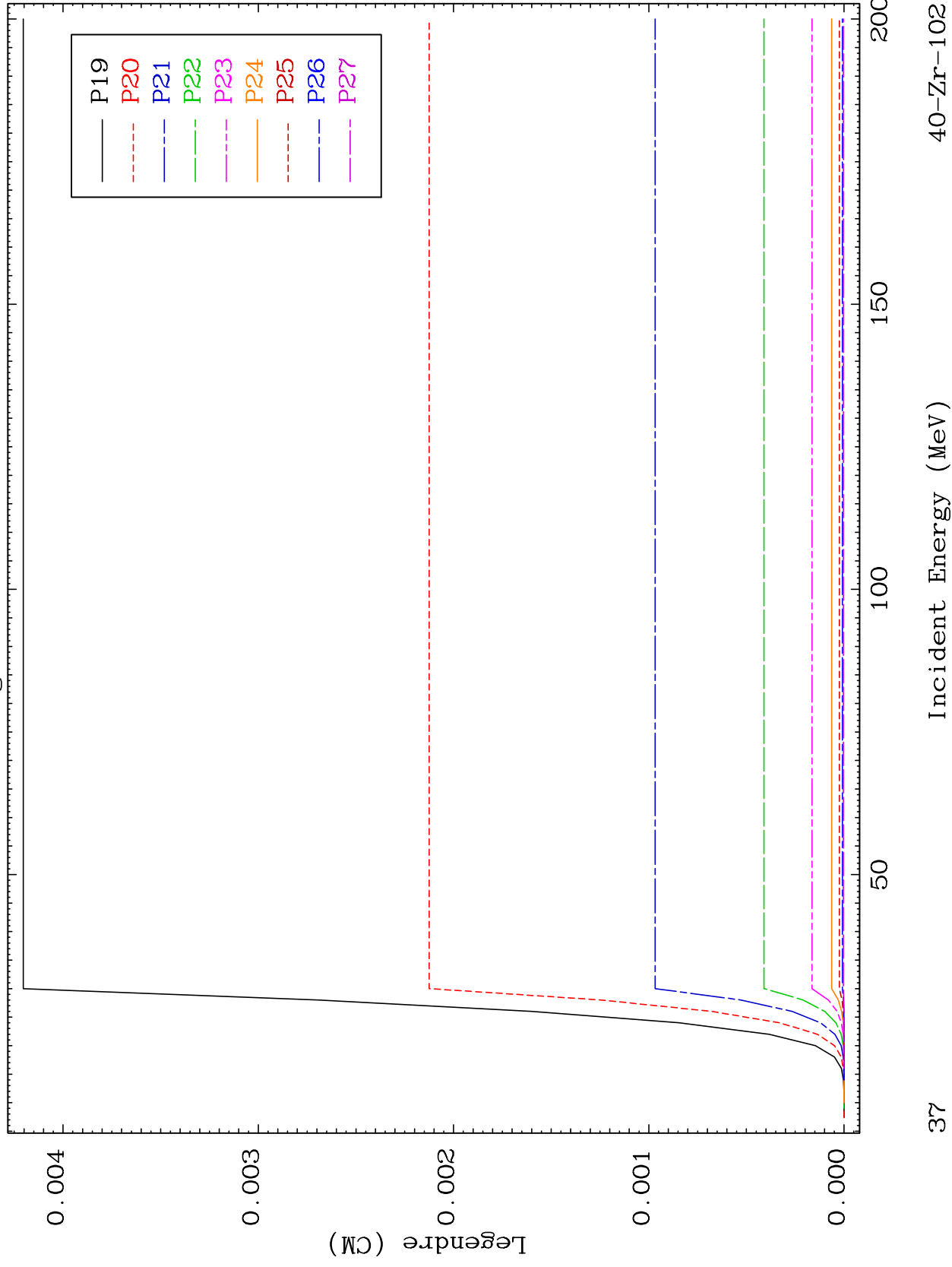




MAT 4061

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

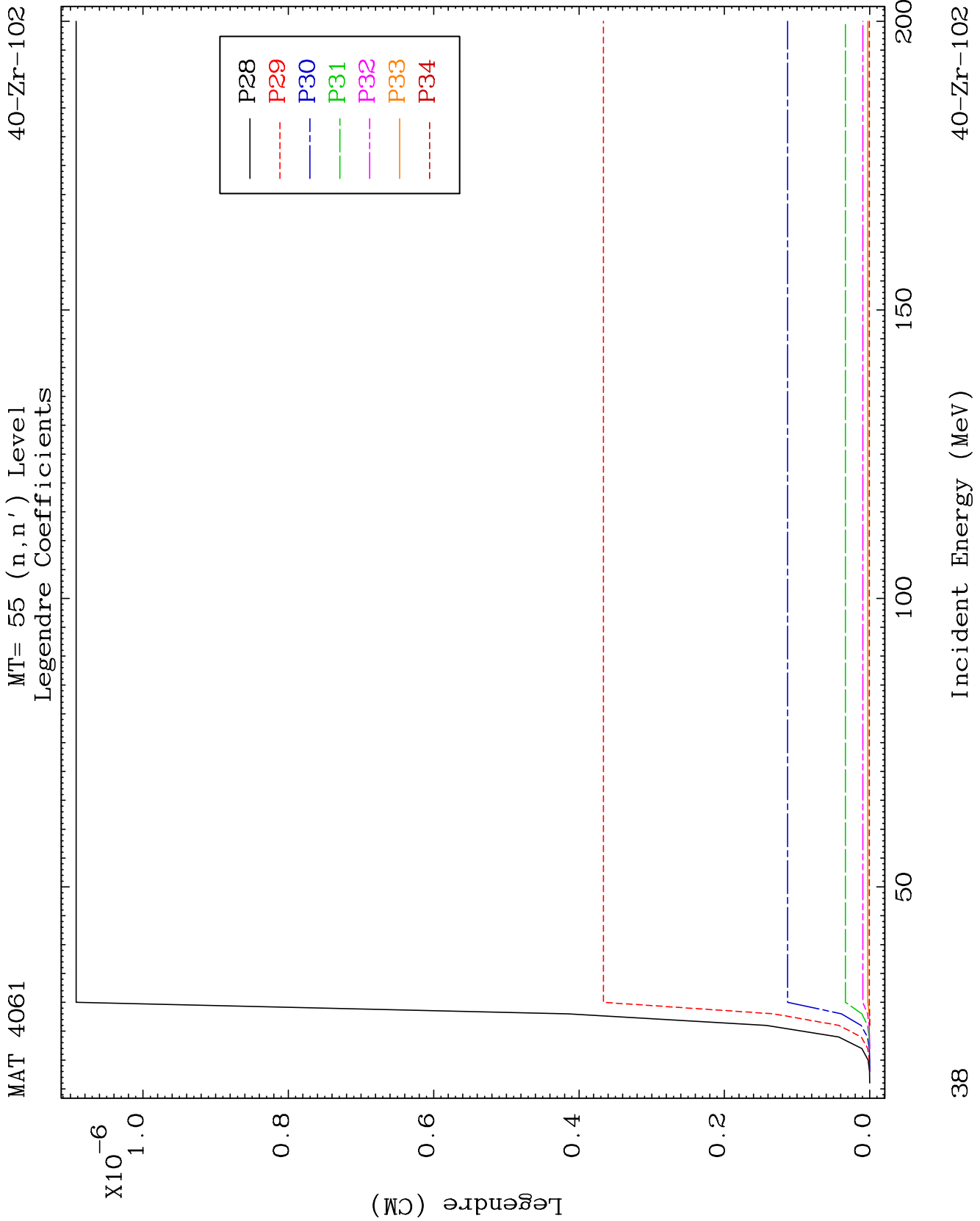
40-Zr-102



37

Incident Energy (MeV)

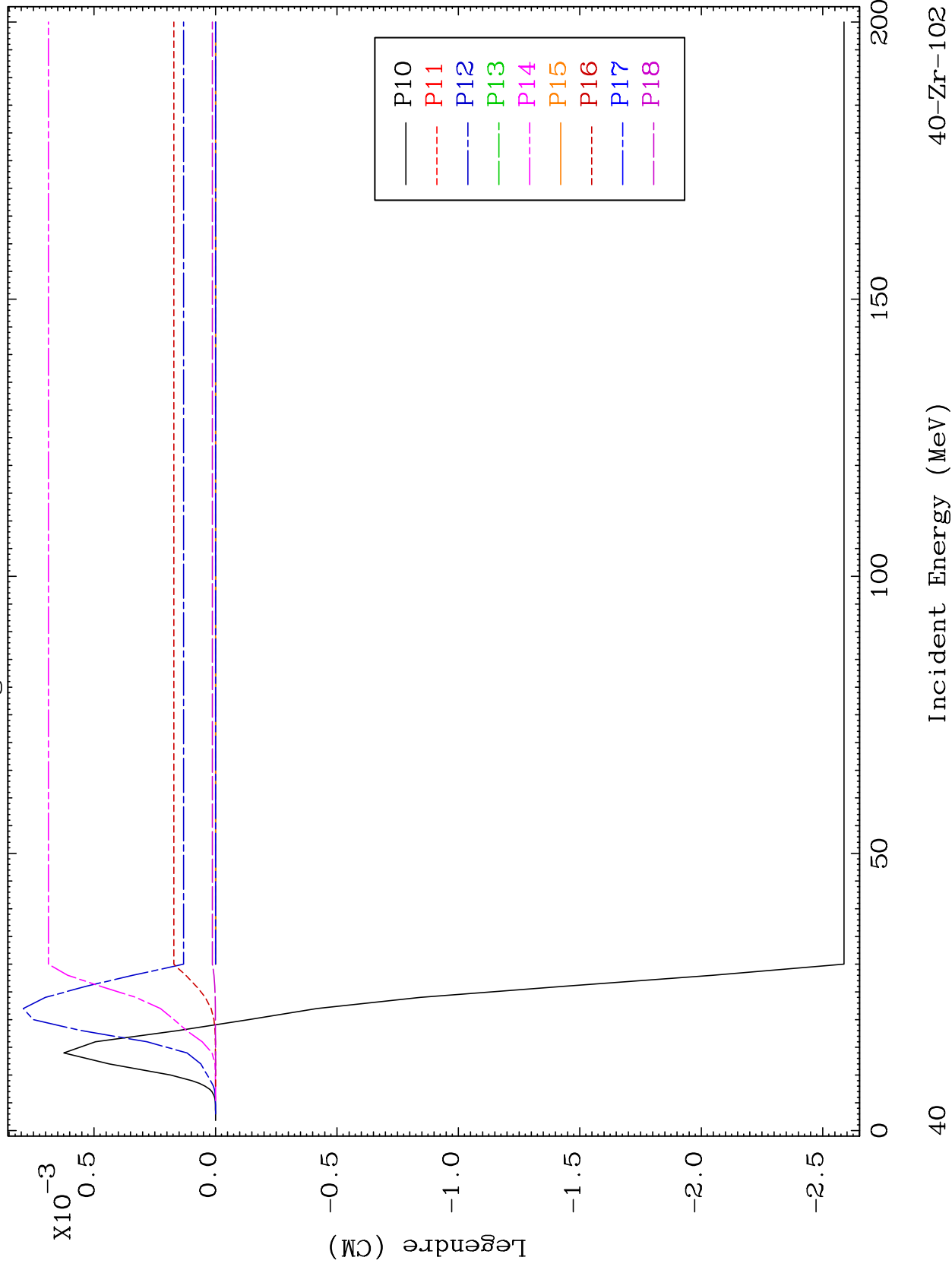
40-Zr-102



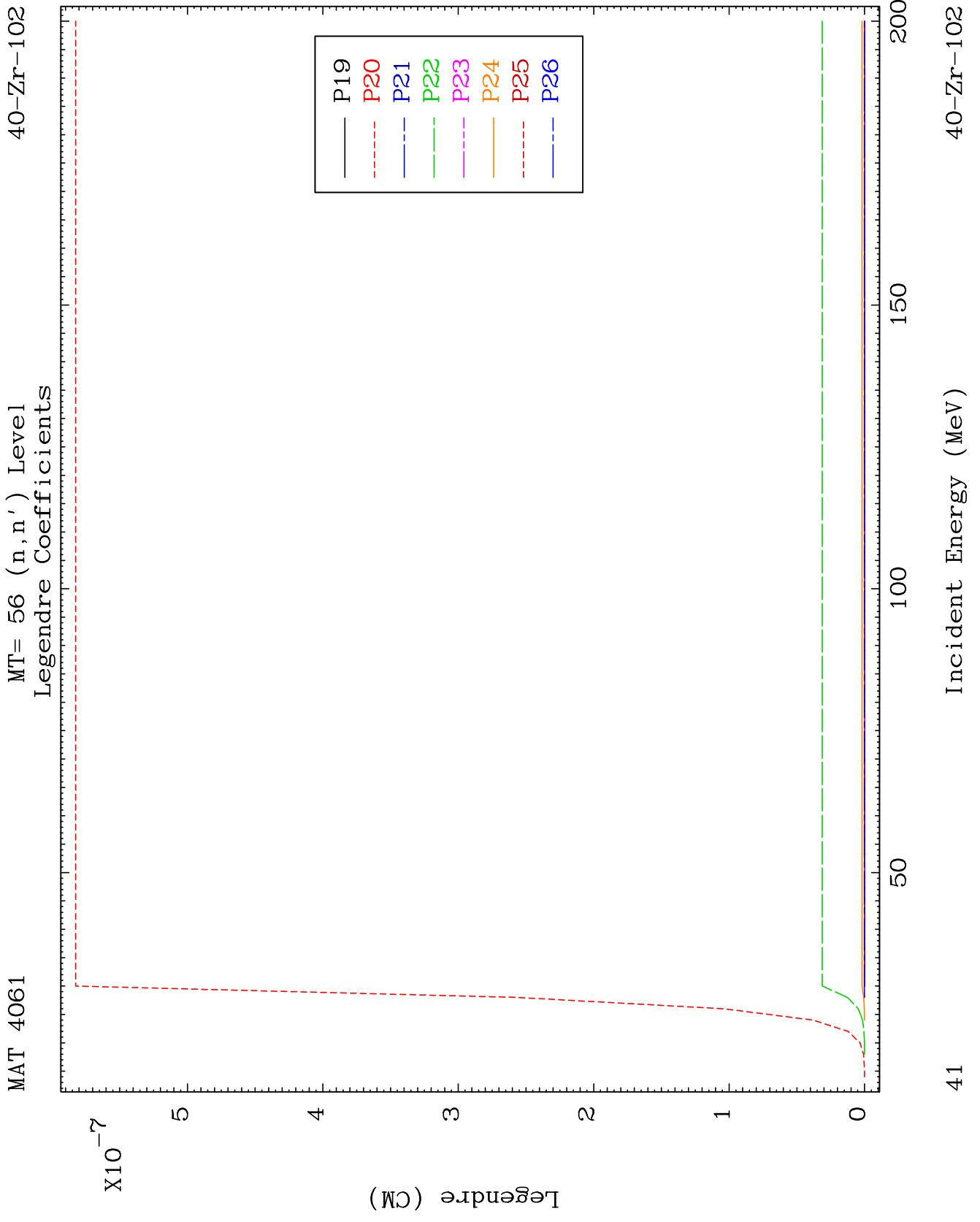
MAT 4061

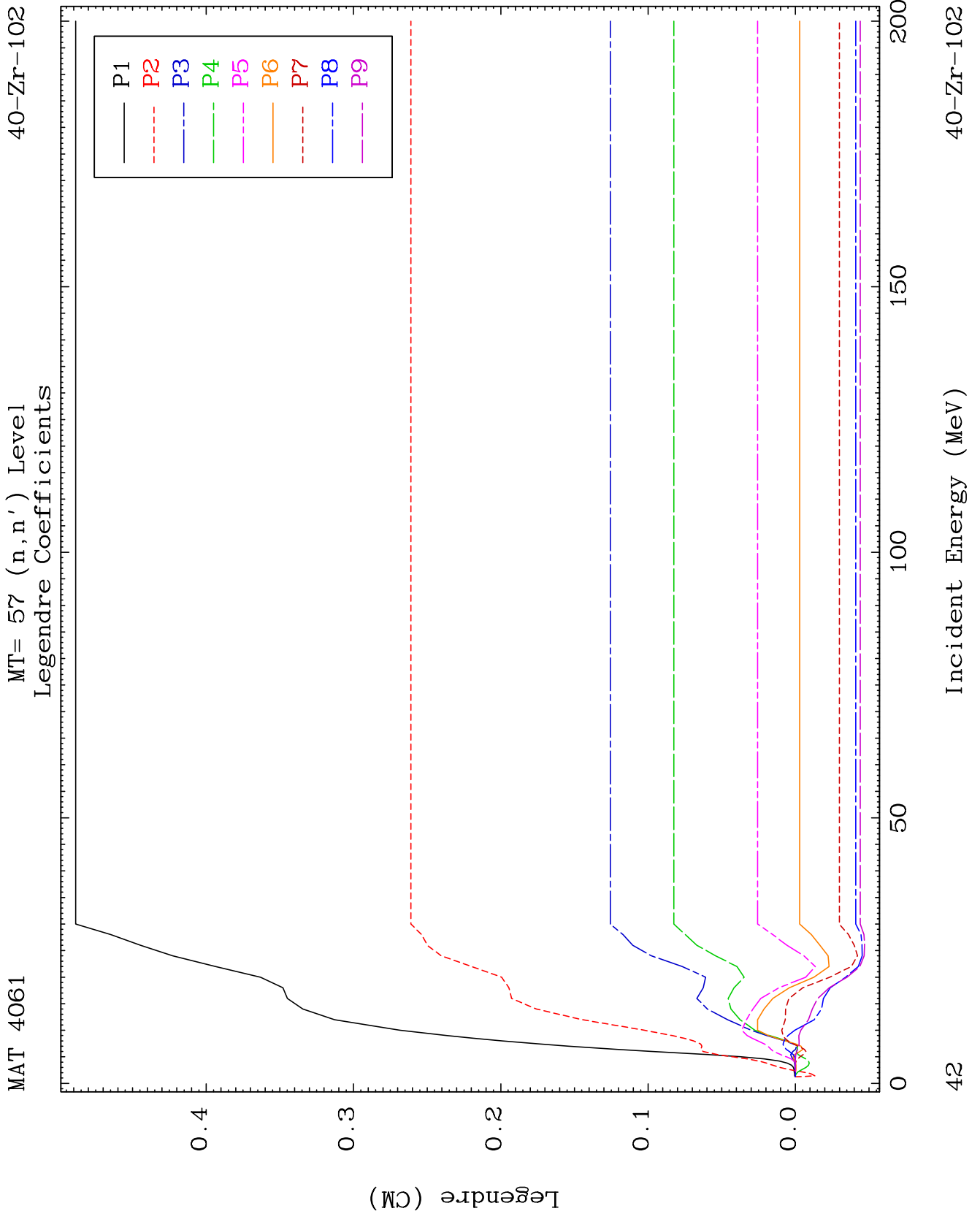
MT= 56 (n,n') Level
Legendre Coefficients

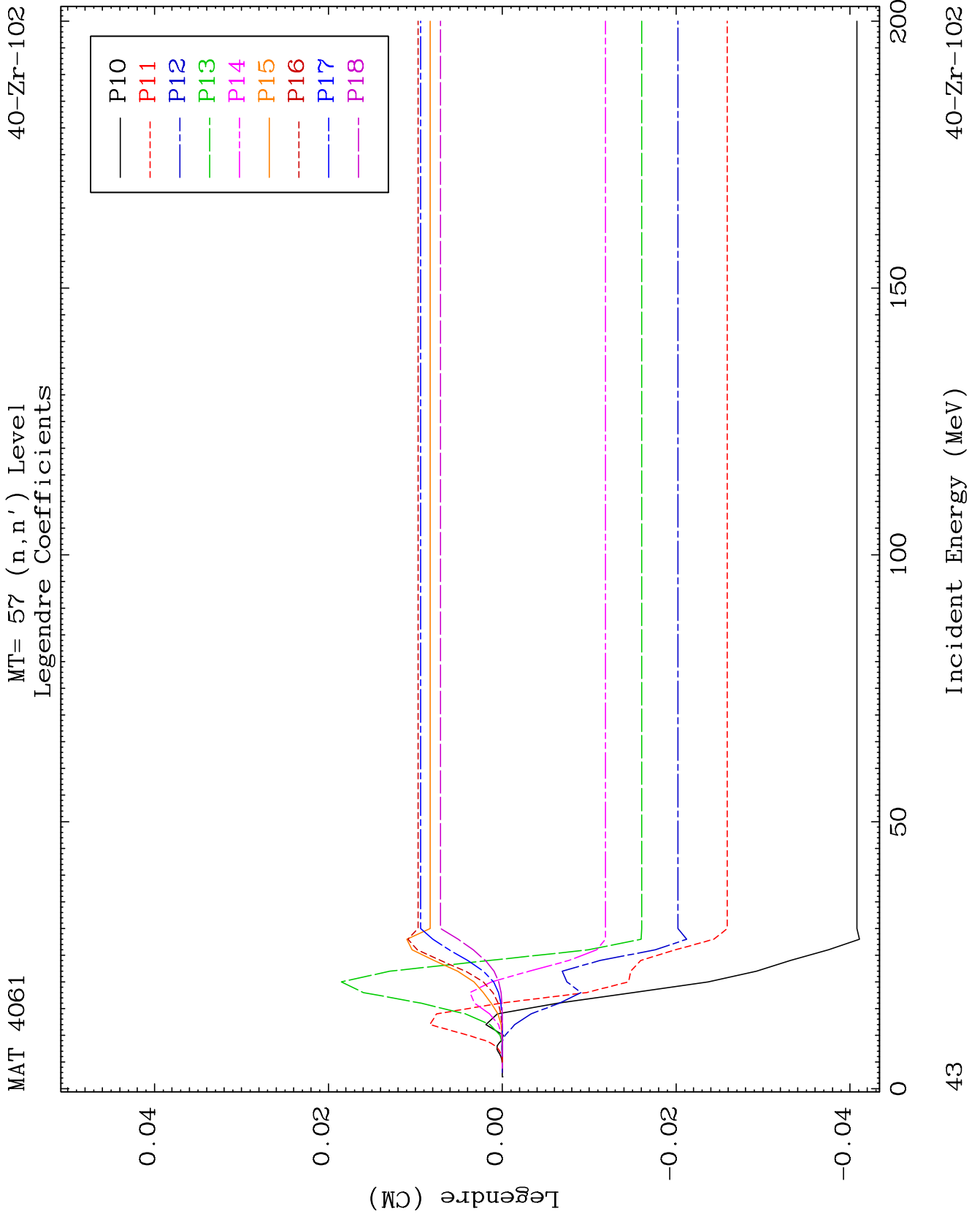
40-Zr-102

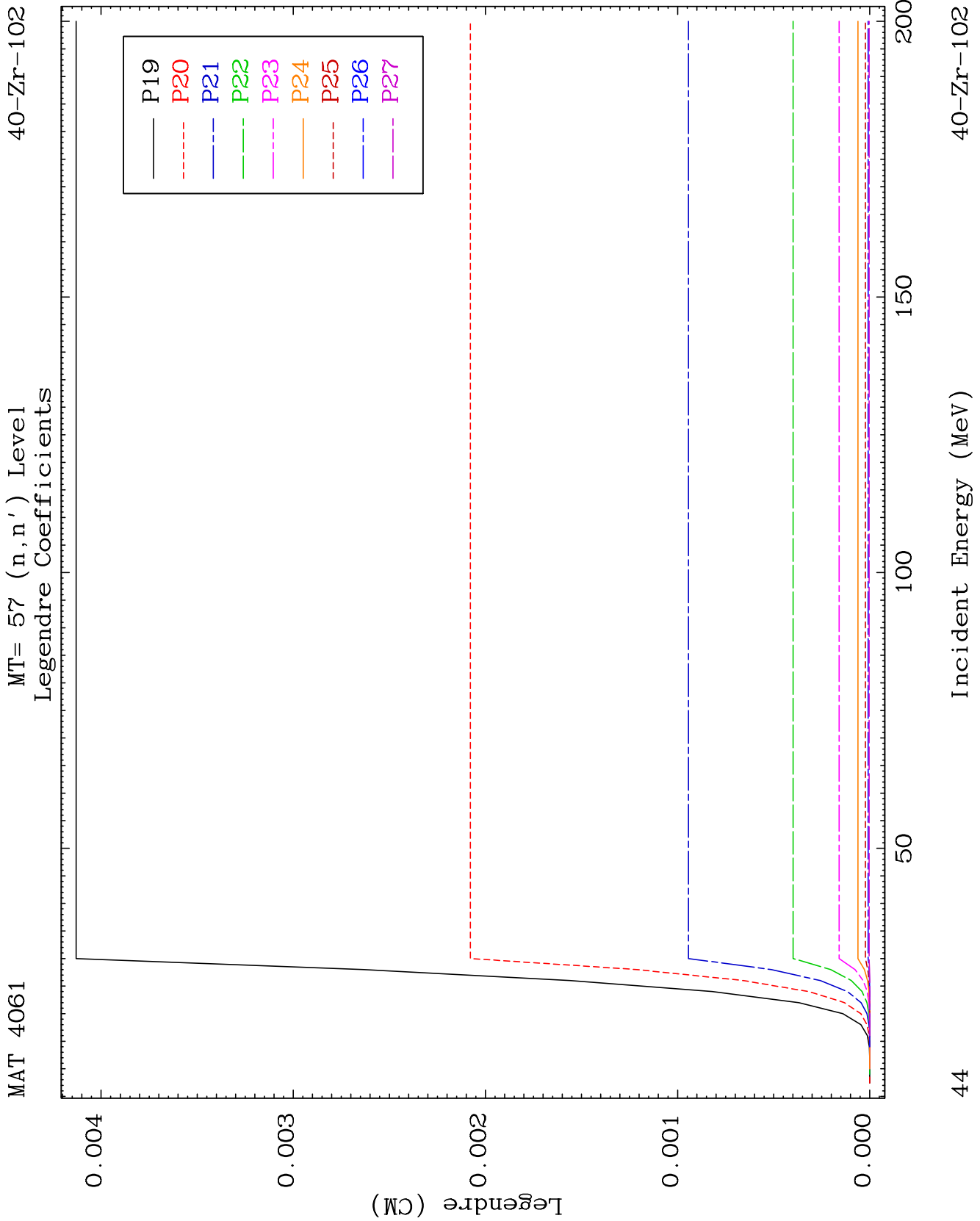


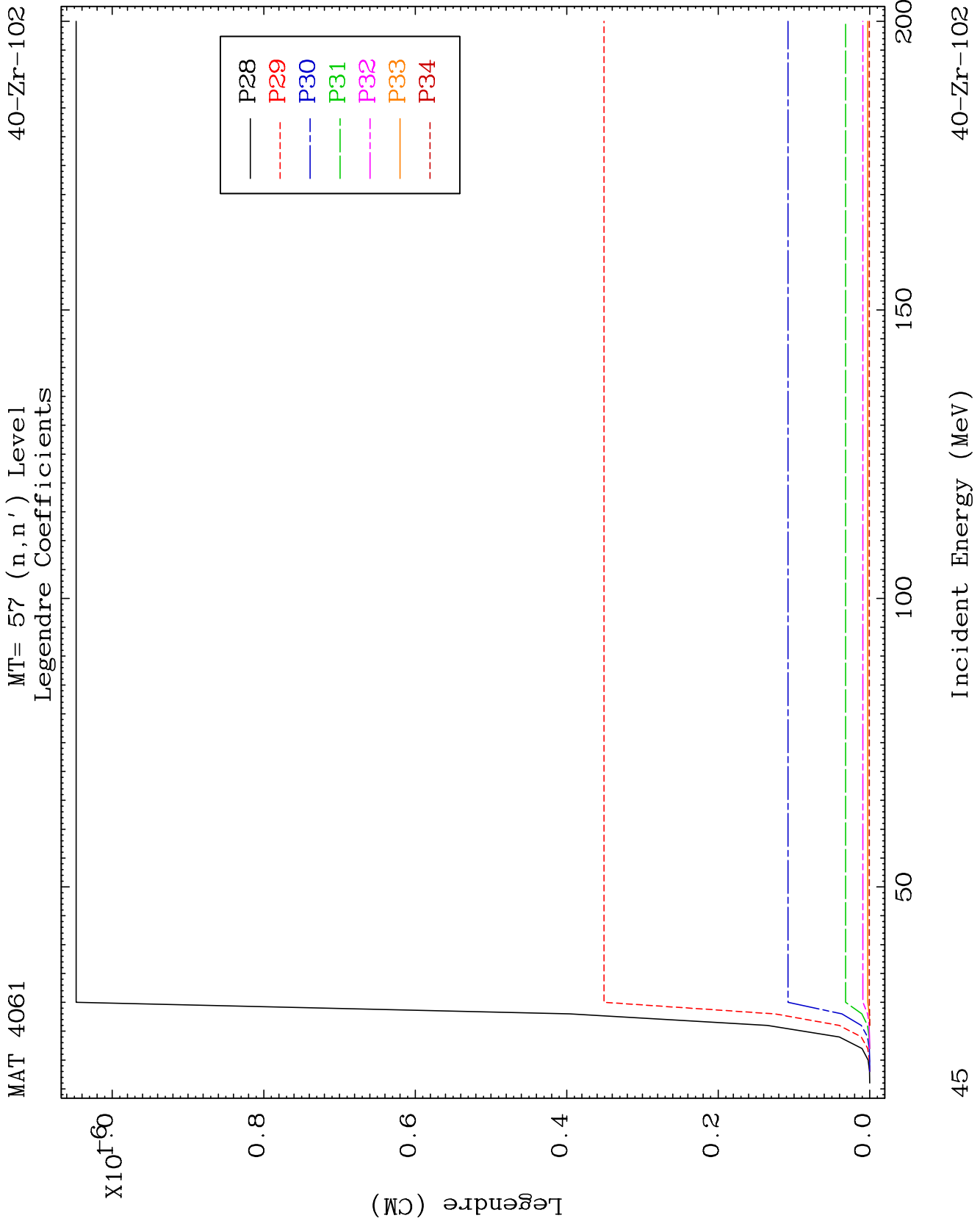
40-Zr-102







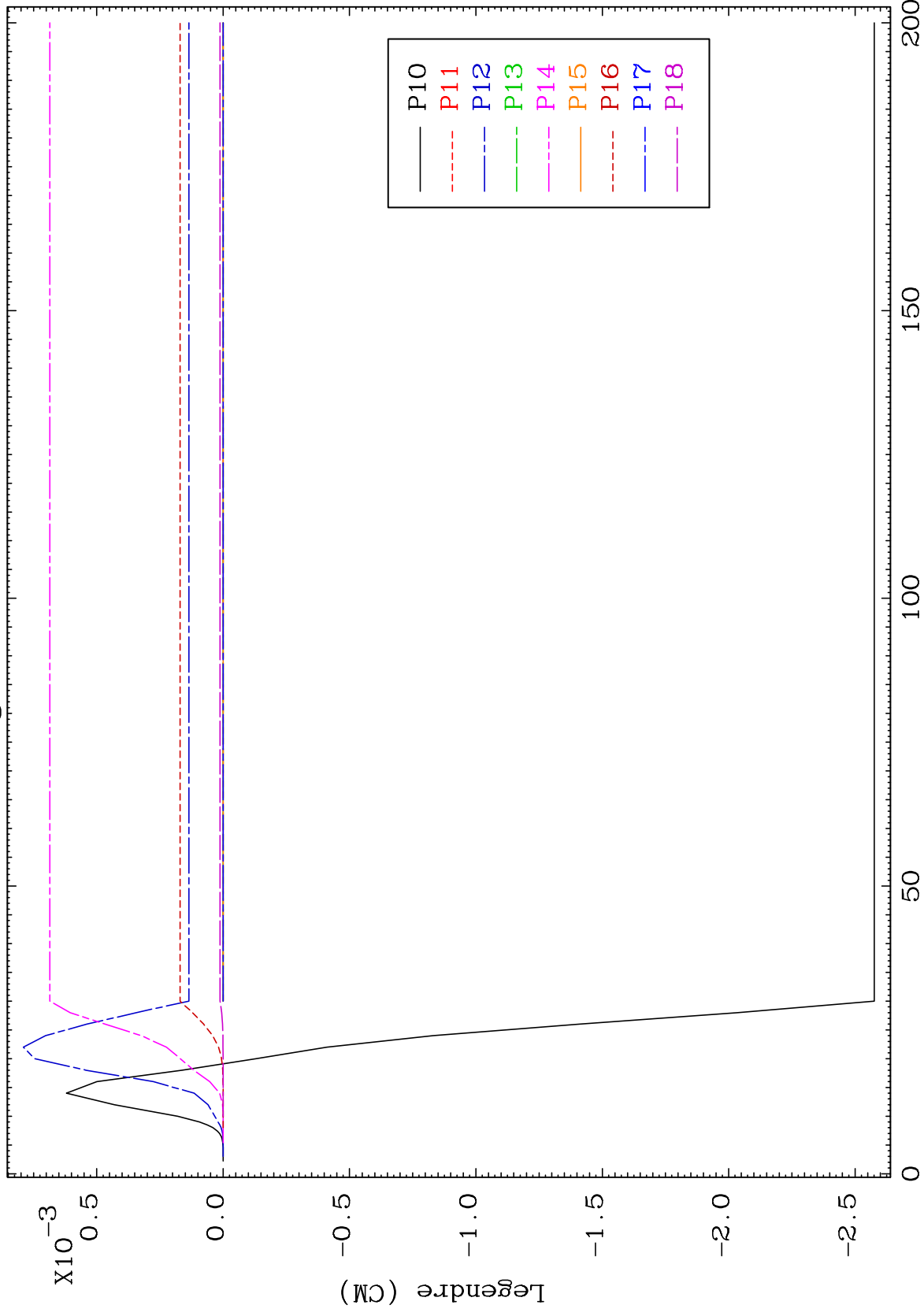




MAT 4061

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

40-Zr-102



47

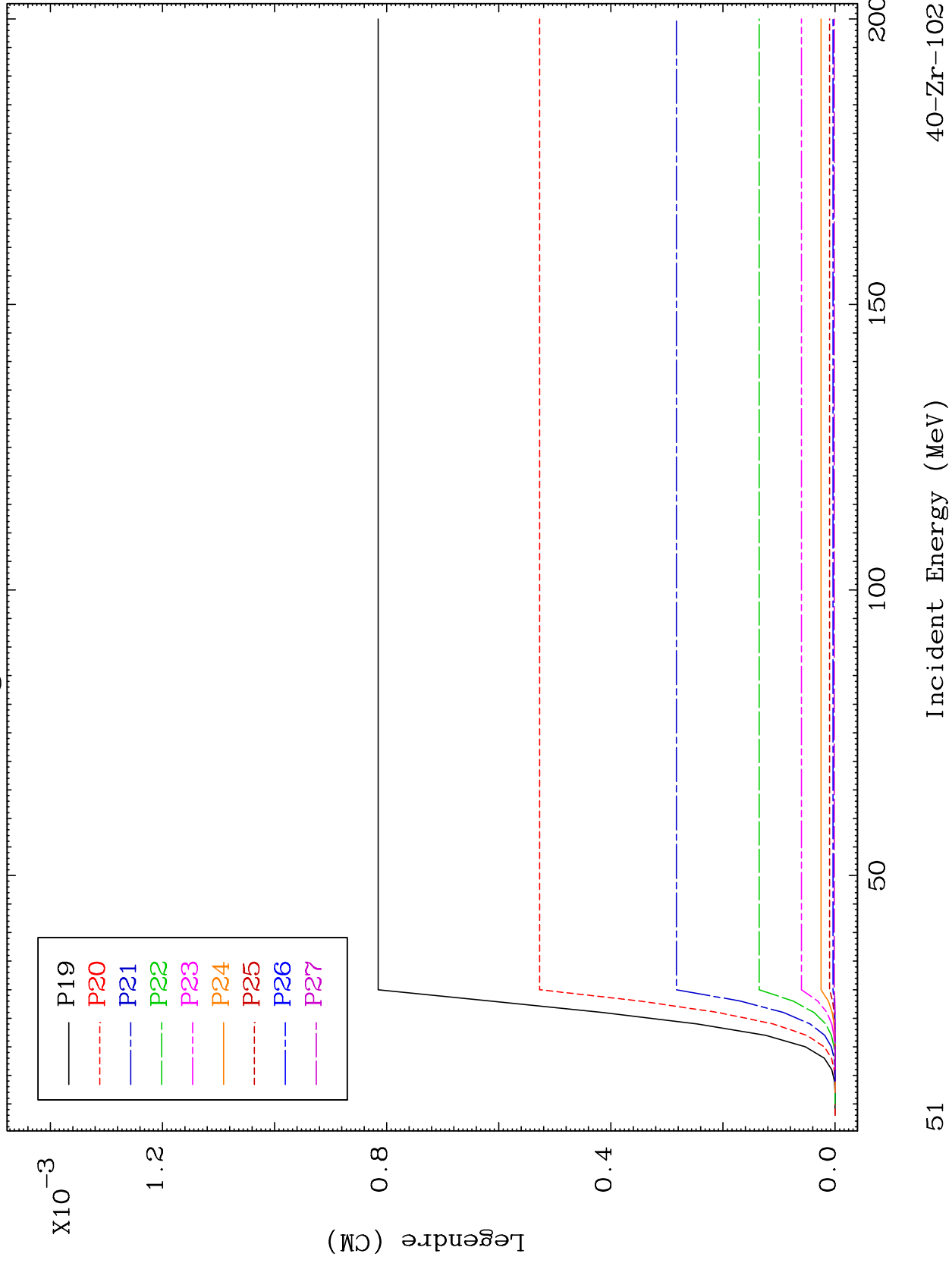
Incident Energy (MeV)

40-Zr-102

MAT 4061

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

40-Zr-102



51

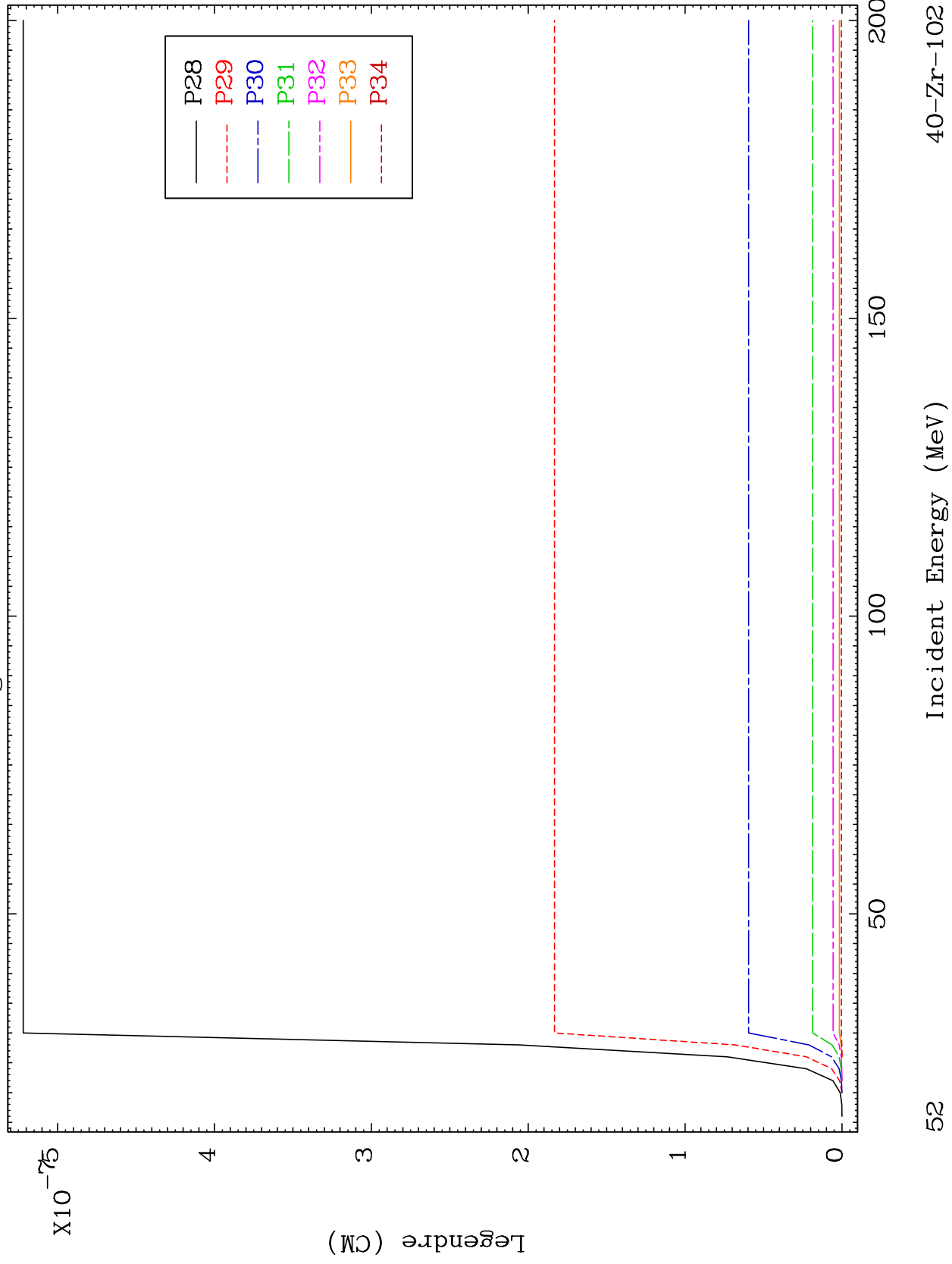
Incident Energy (MeV)

40-Zr-102

MAT 4061

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

40-Zr-102



52

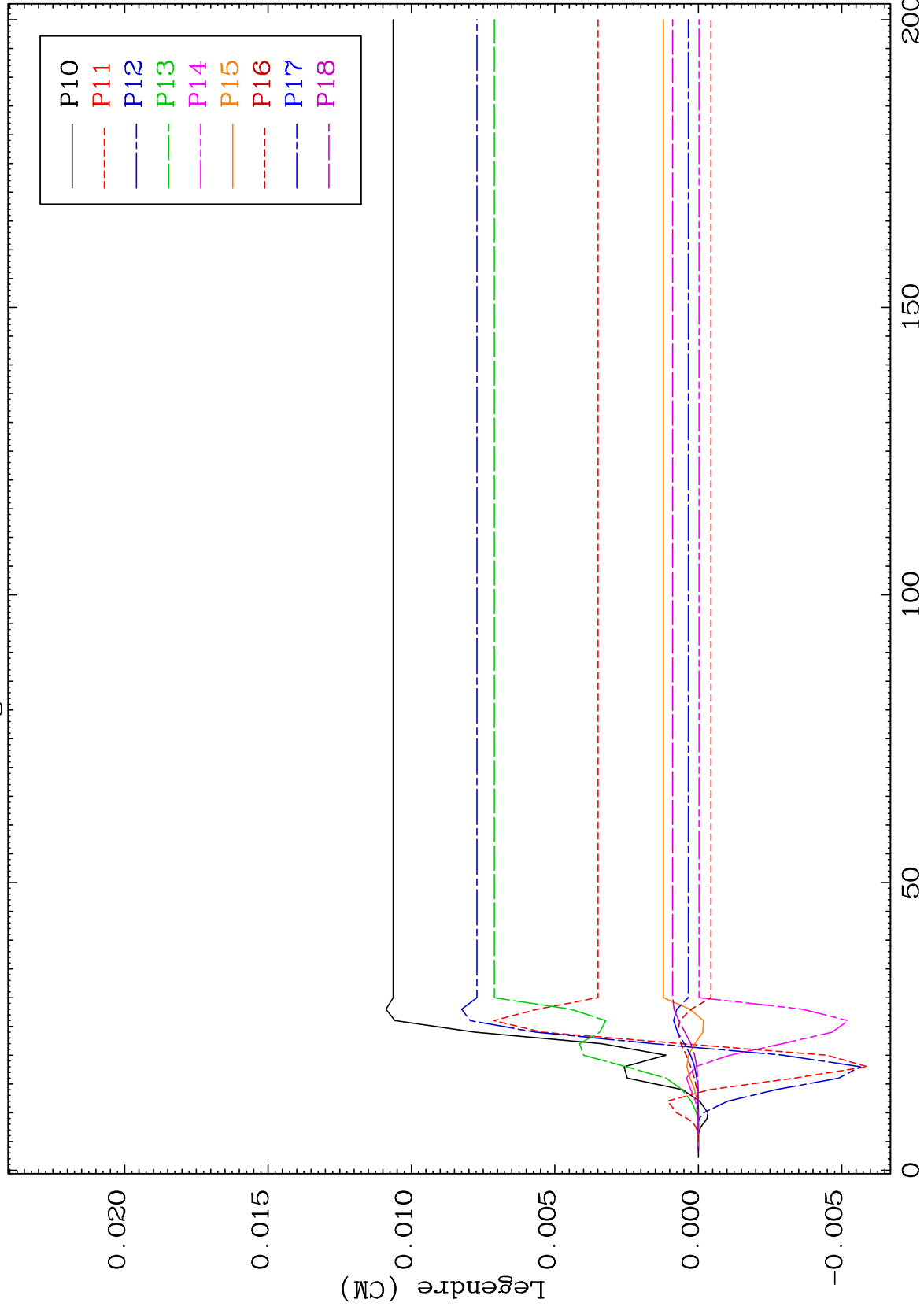
Incident Energy (MeV)

40-Zr-102

MAT 4061

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

40-Zr-102



54

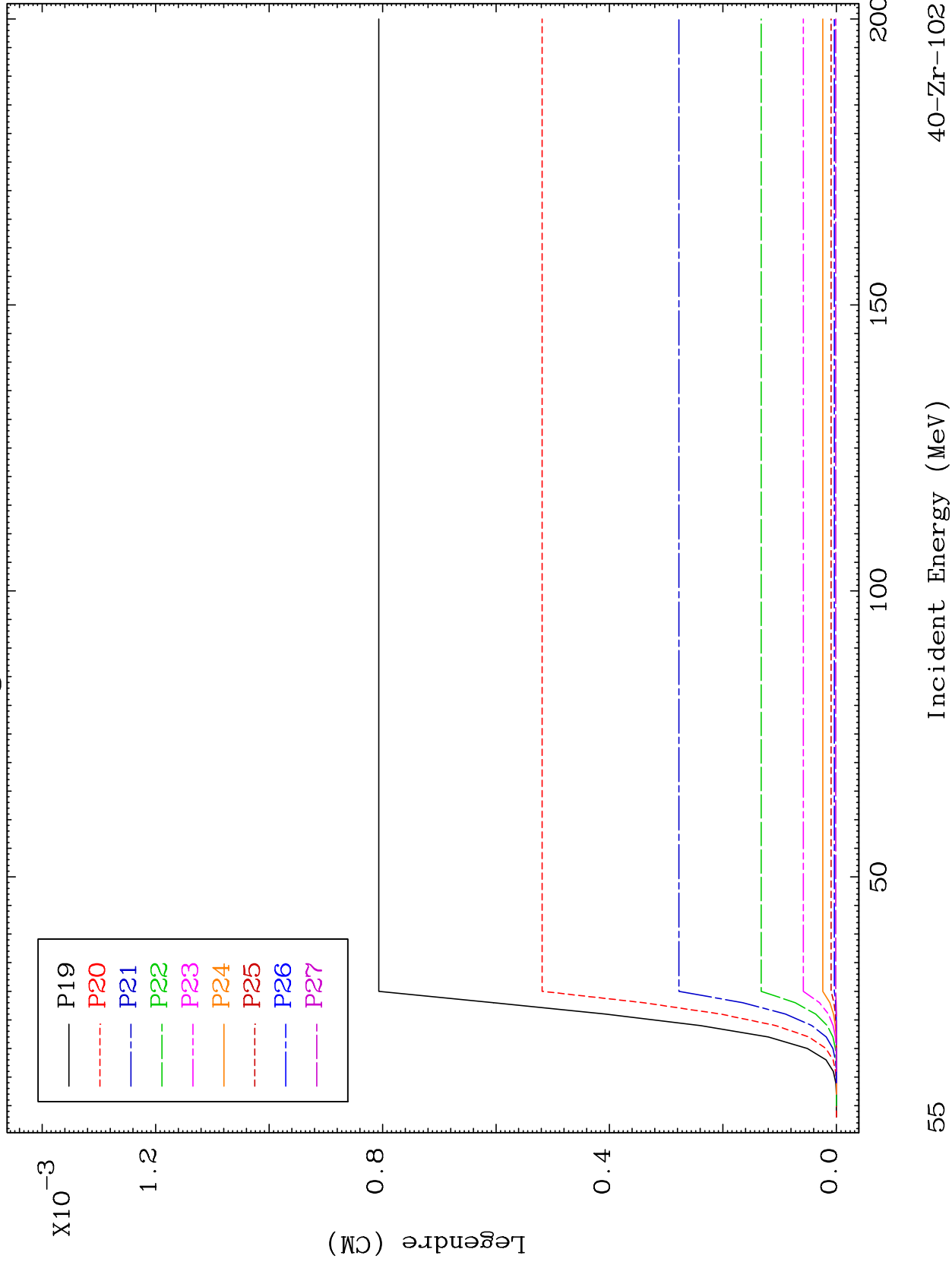
Incident Energy (MeV)

40-Zr-102

MAT 4061

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

40-Zr-102



55

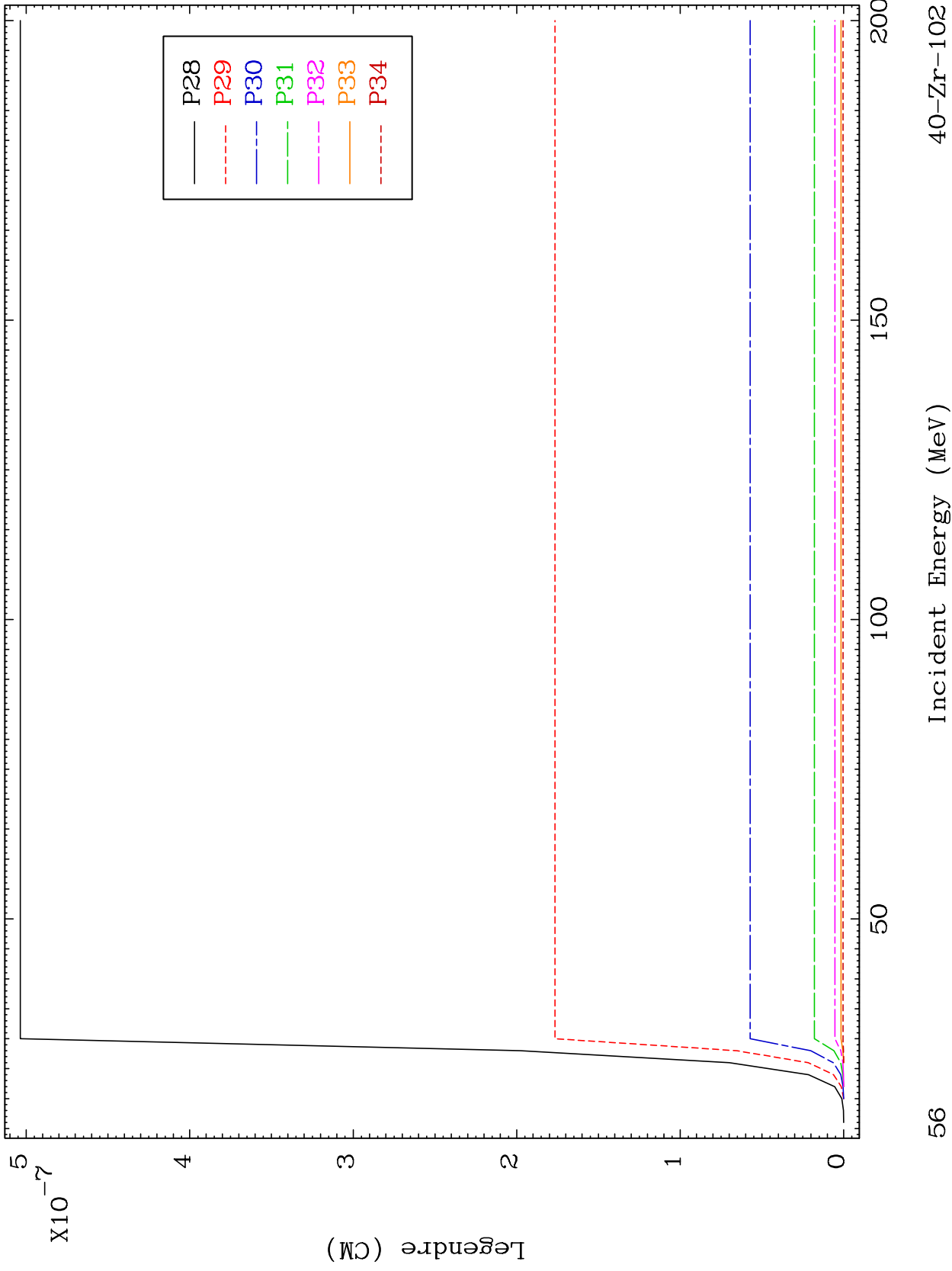
Incident Energy (MeV)

40-Zr-102

MAT 4061

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

40-Zr-102



56

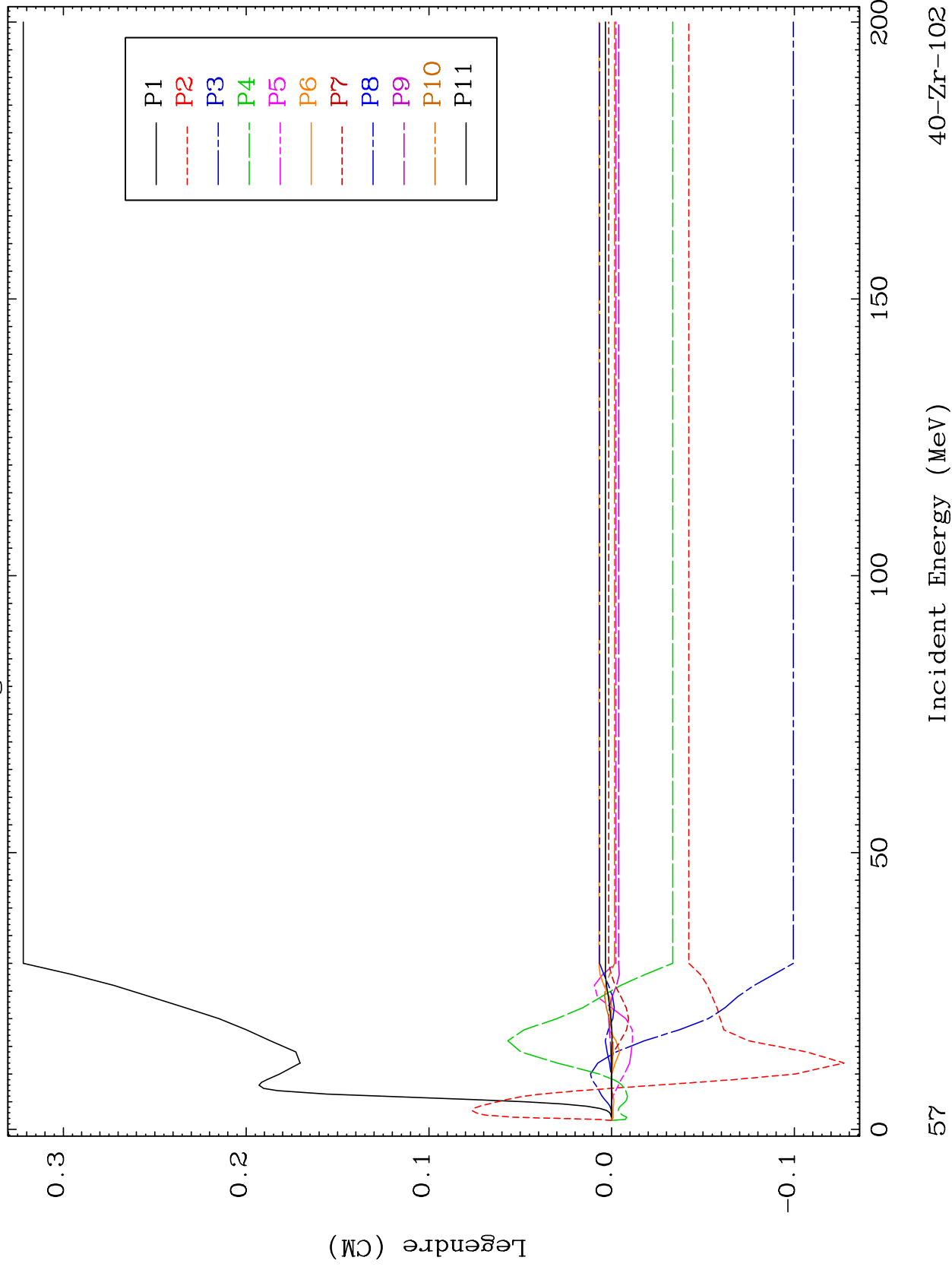
Incident Energy (MeV)

40-Zr-102

MAT 4061

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

40-Zr-102



57

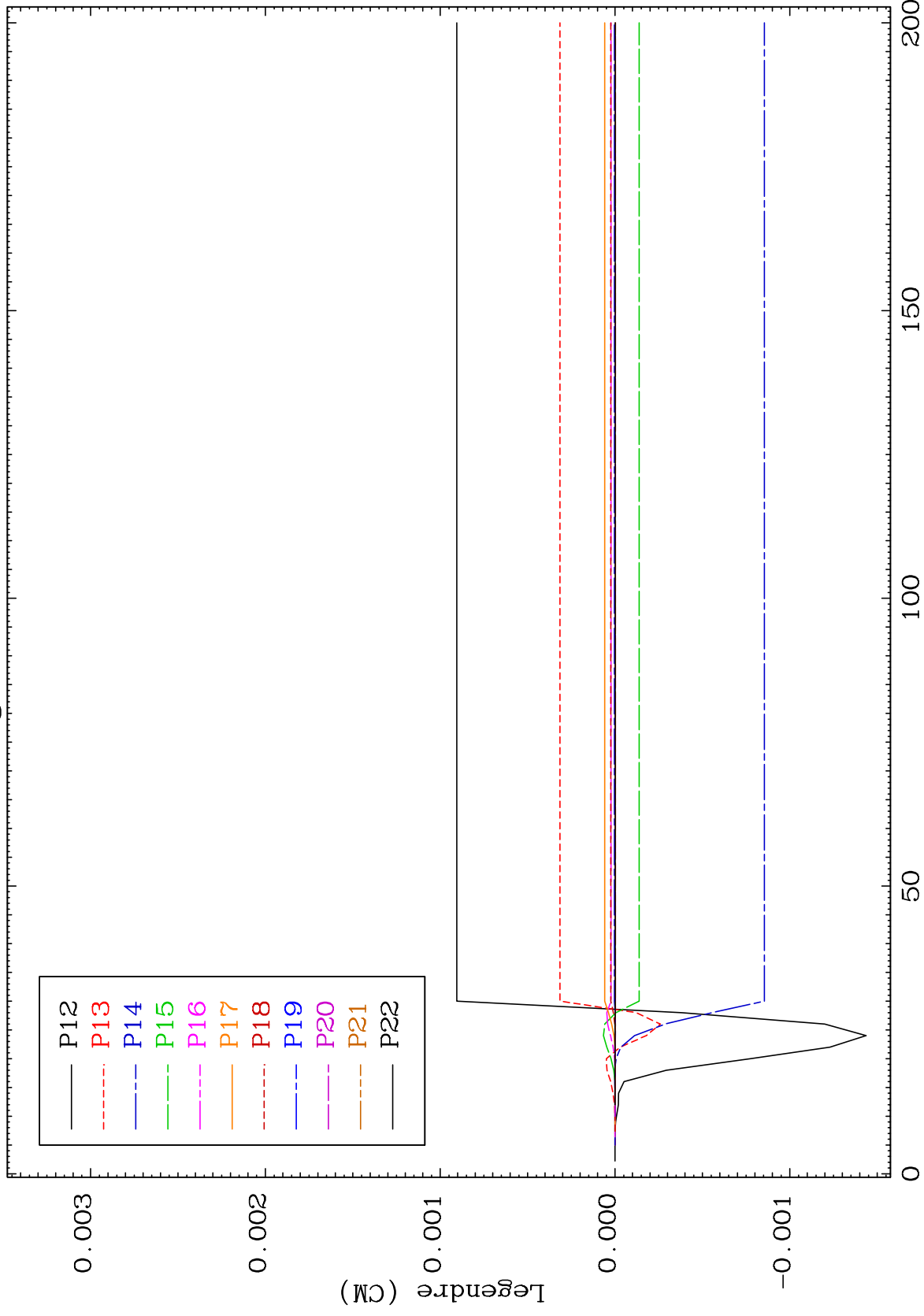
Incident Energy (MeV)

40-Zr-102

MAT 4061

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

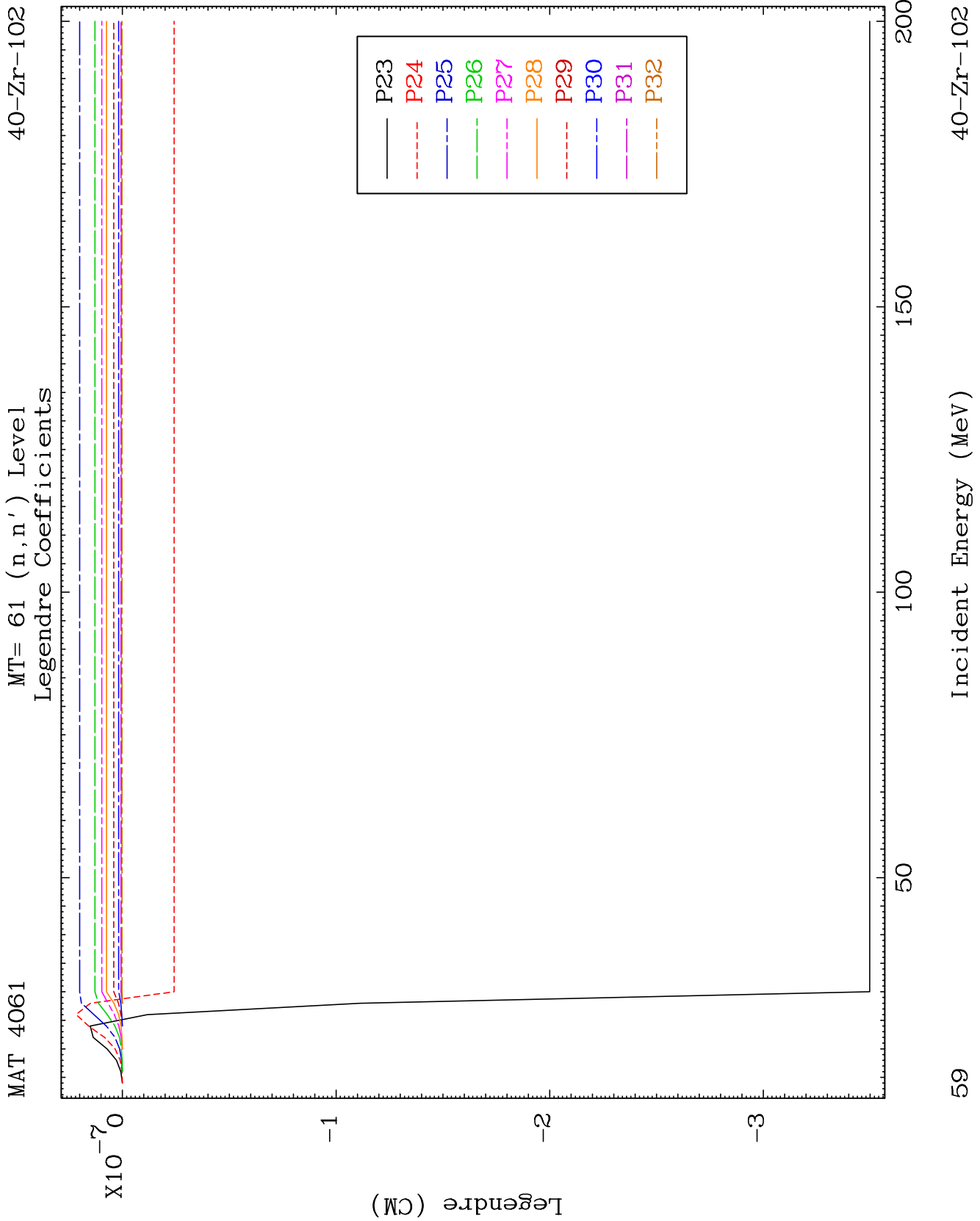
40-Zr-102

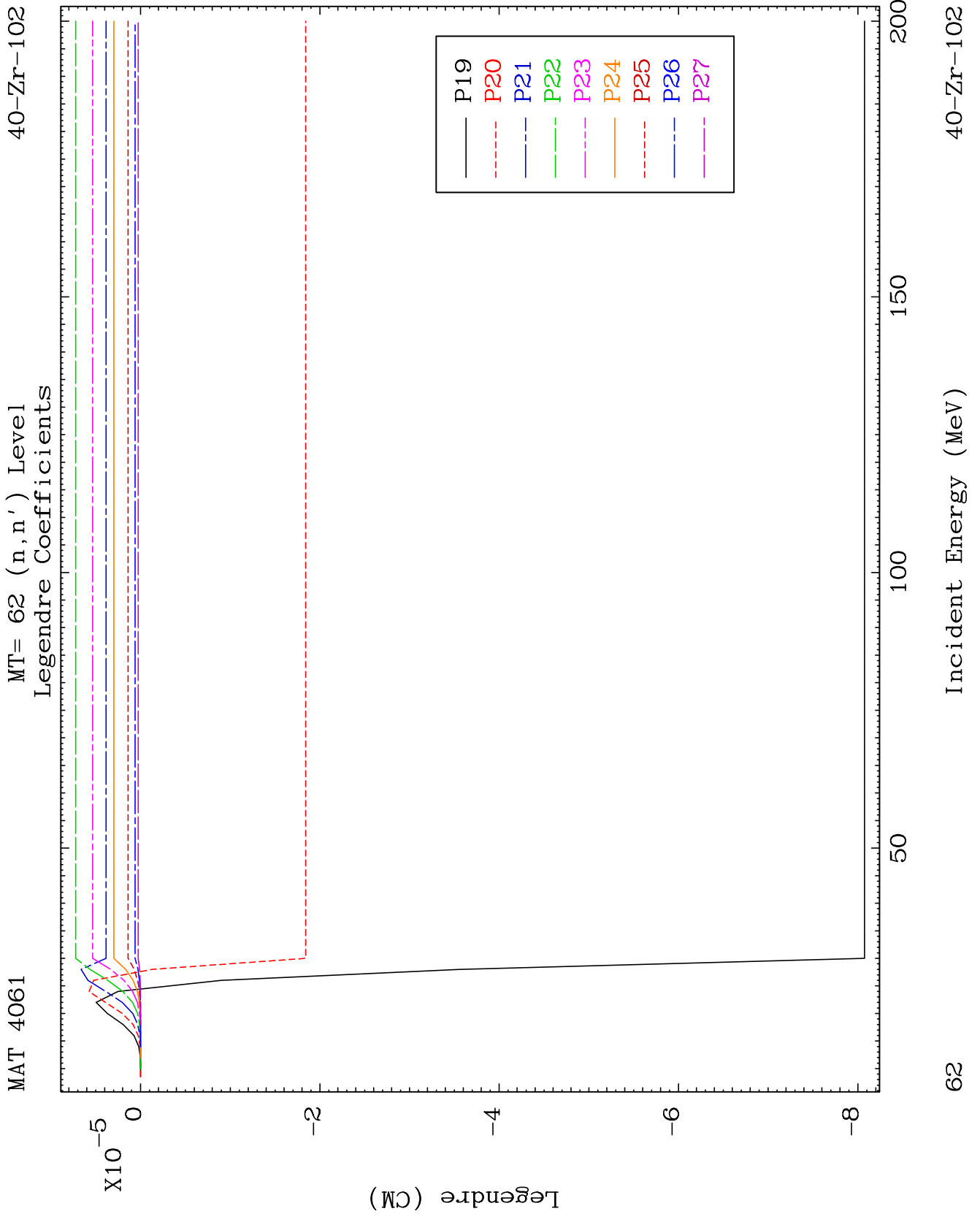


58

Incident Energy (MeV)

40-Zr-102

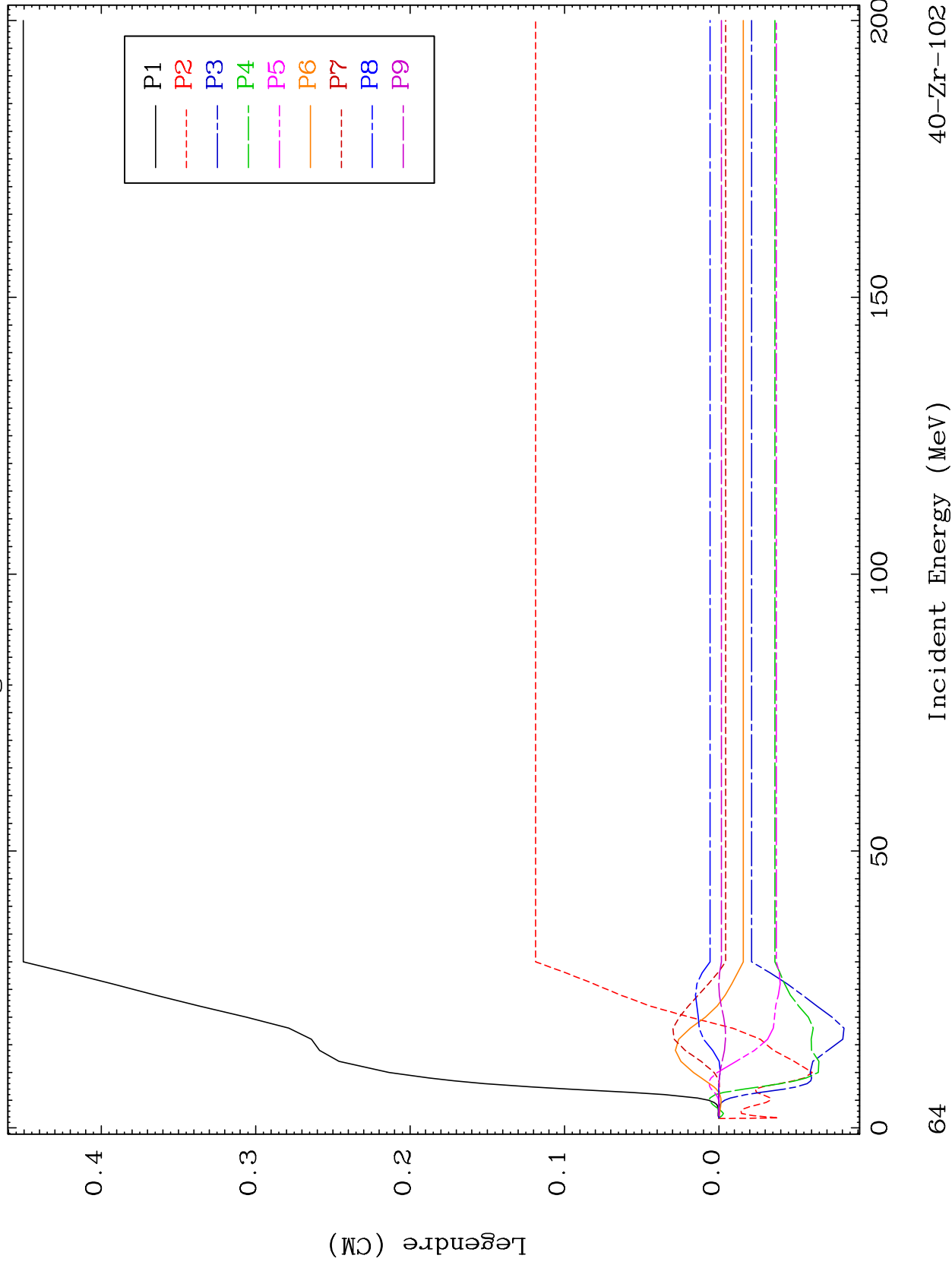




MAT 4061

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

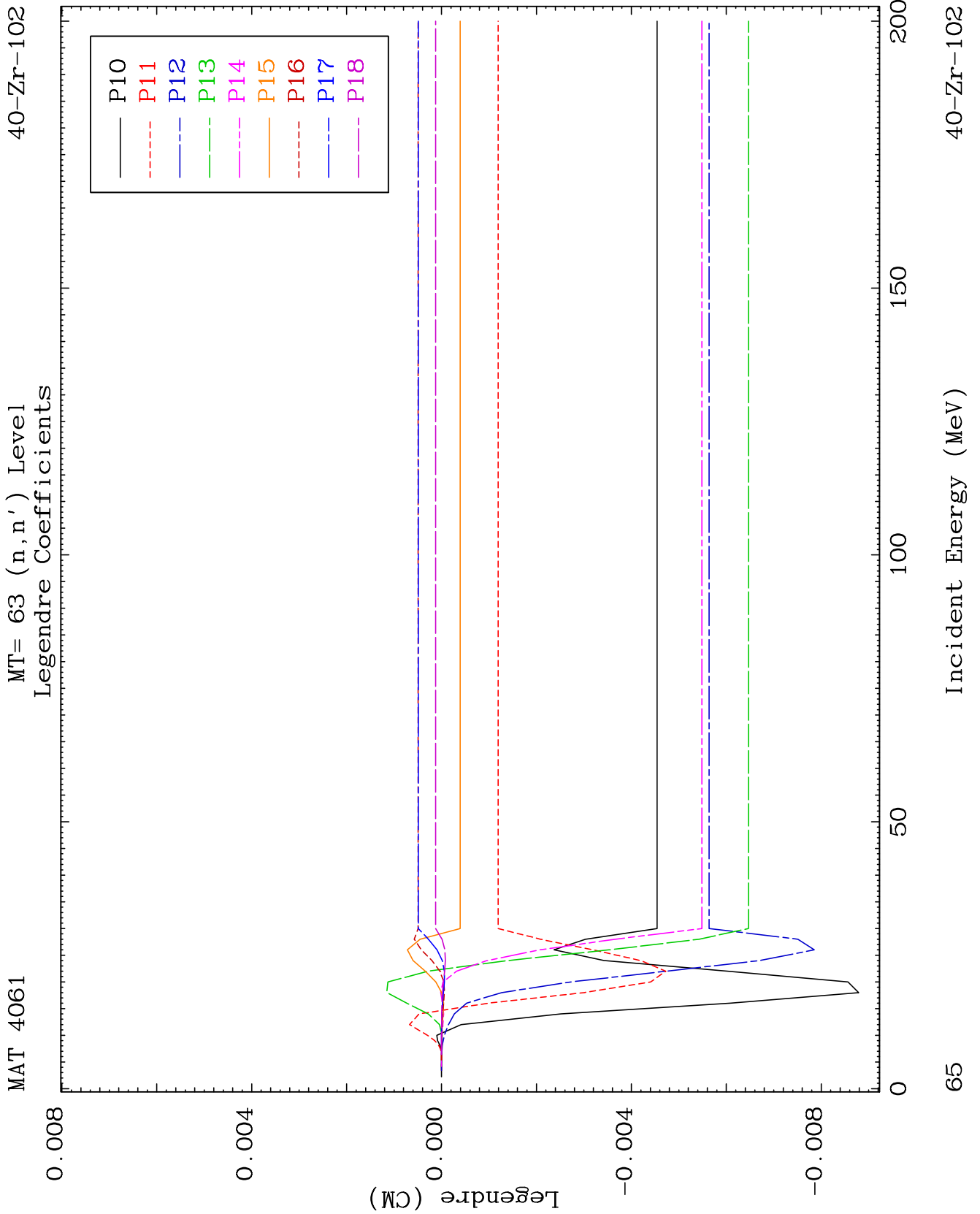
40-Zr-102

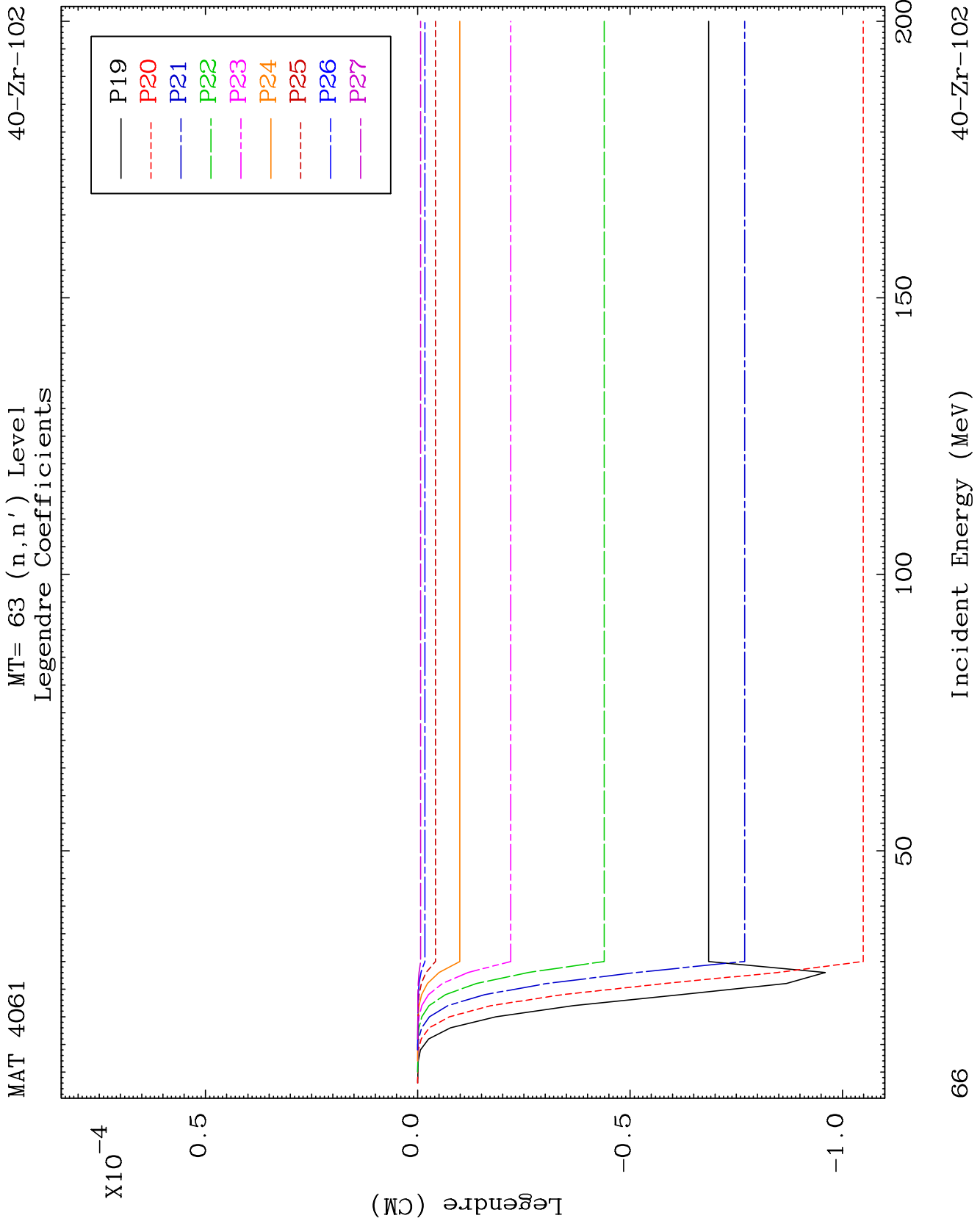


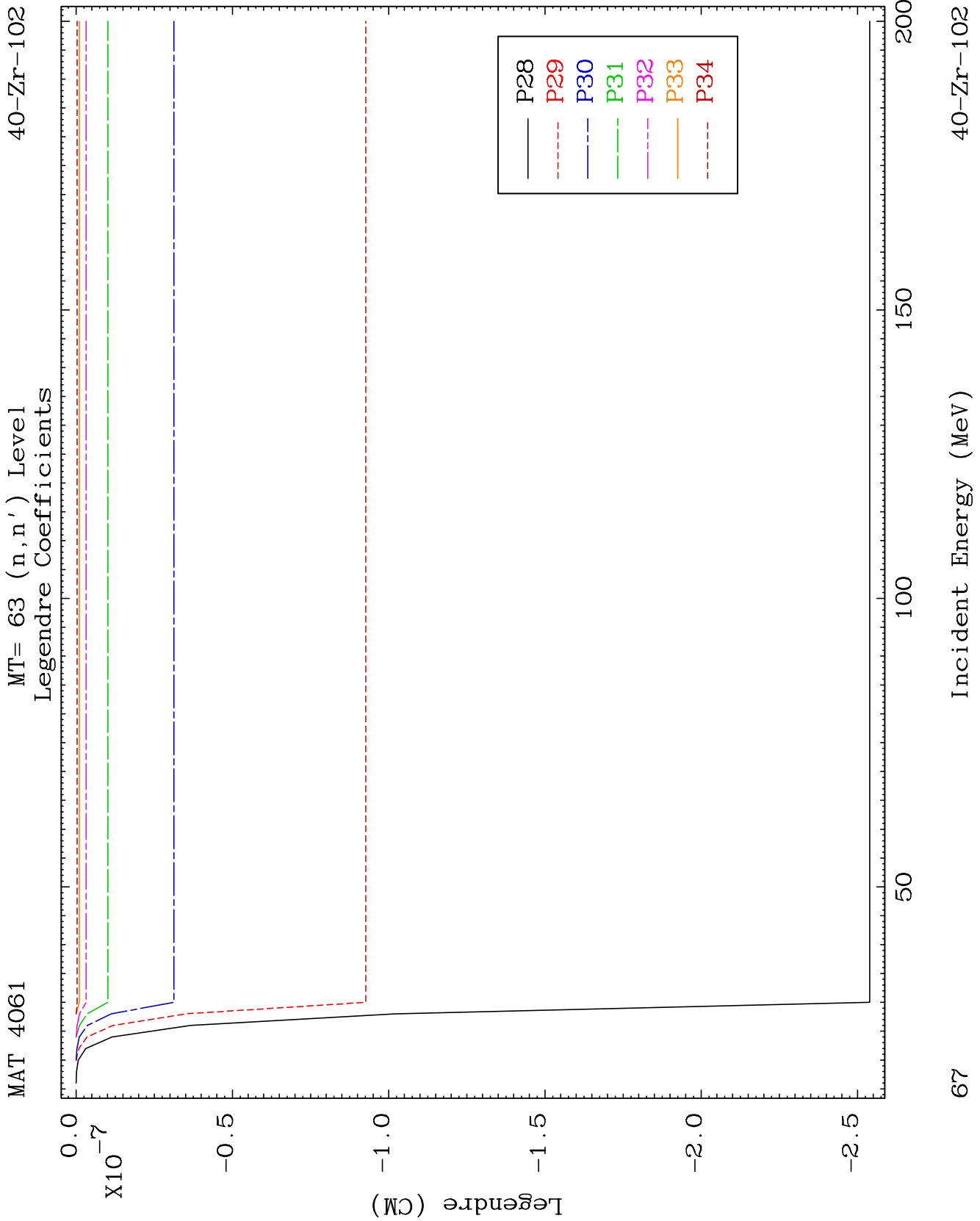
64

Incident Energy (MeV)

40-Zr-102



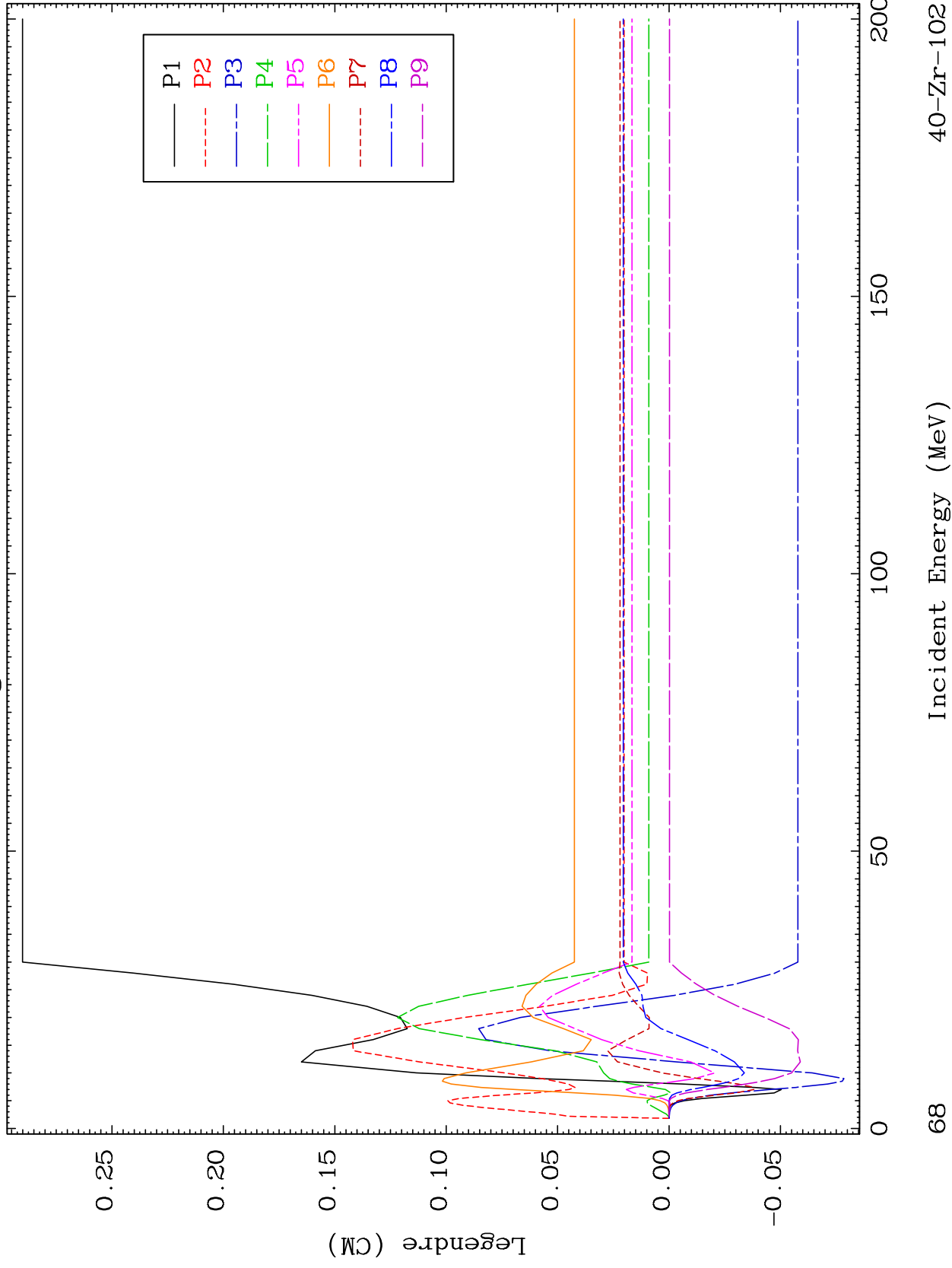




MAT 4061

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

40-Zr-102



40-Zr-102

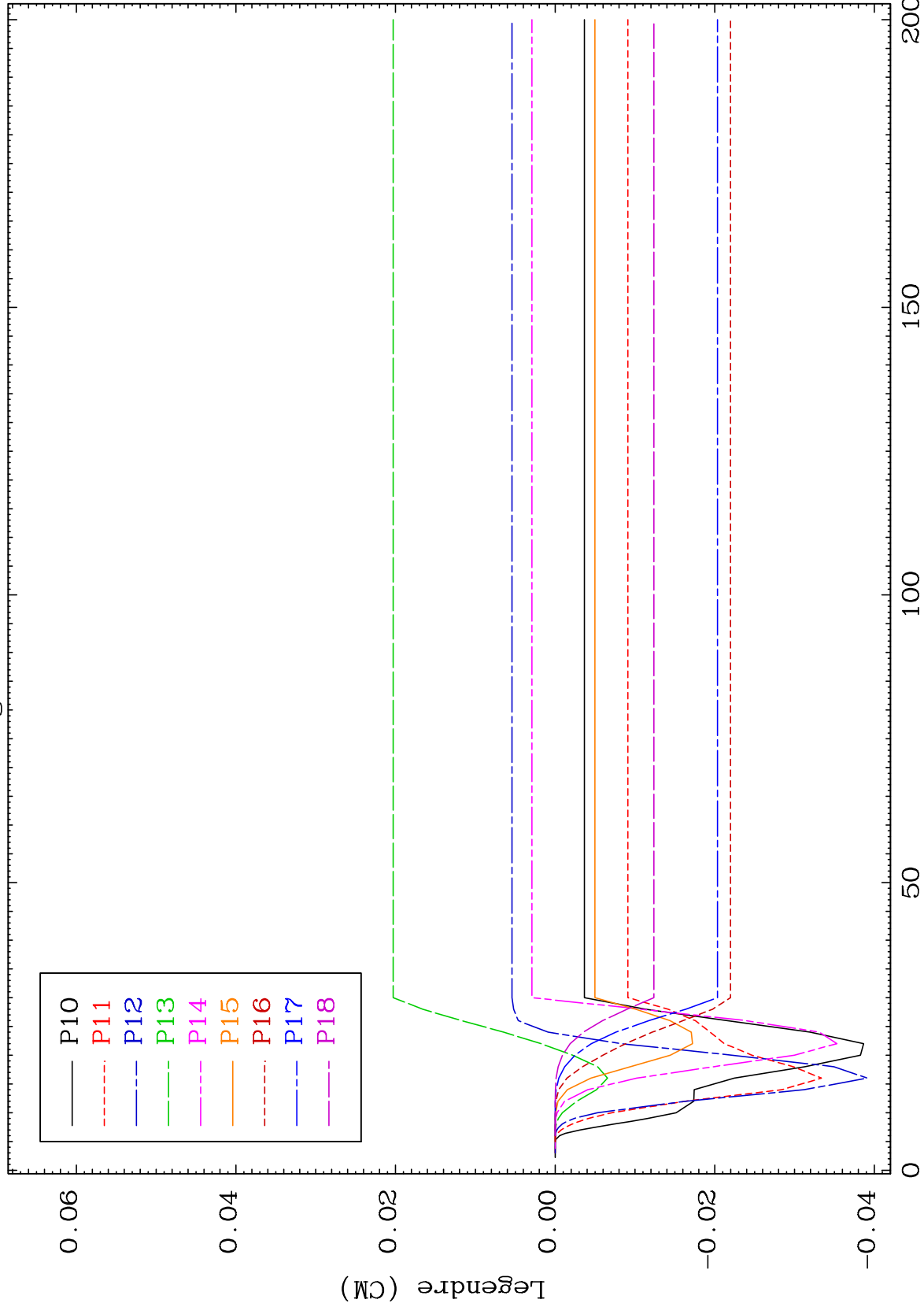
Incident Energy (MeV)

68

MAT 4061

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

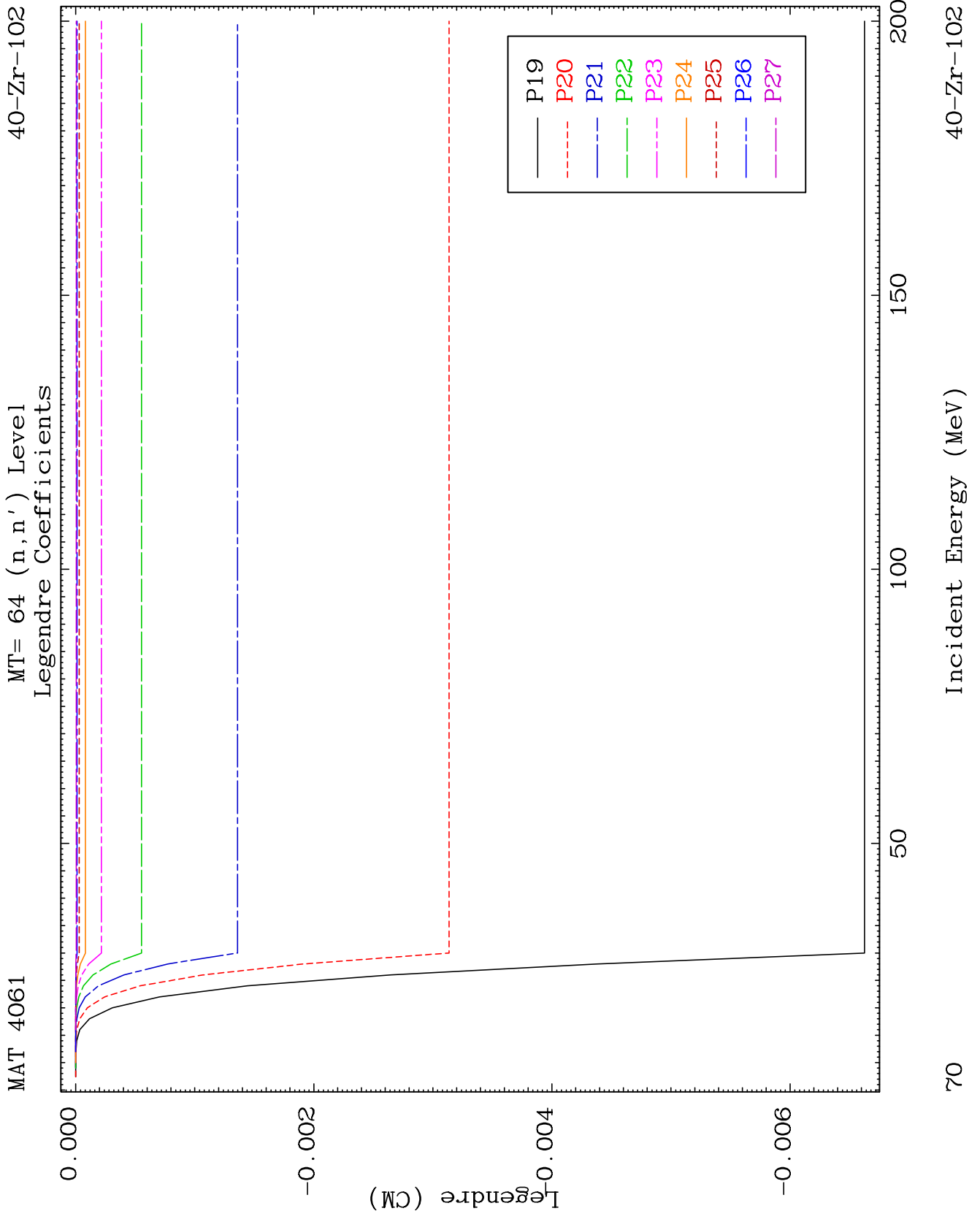
40-Zr-102

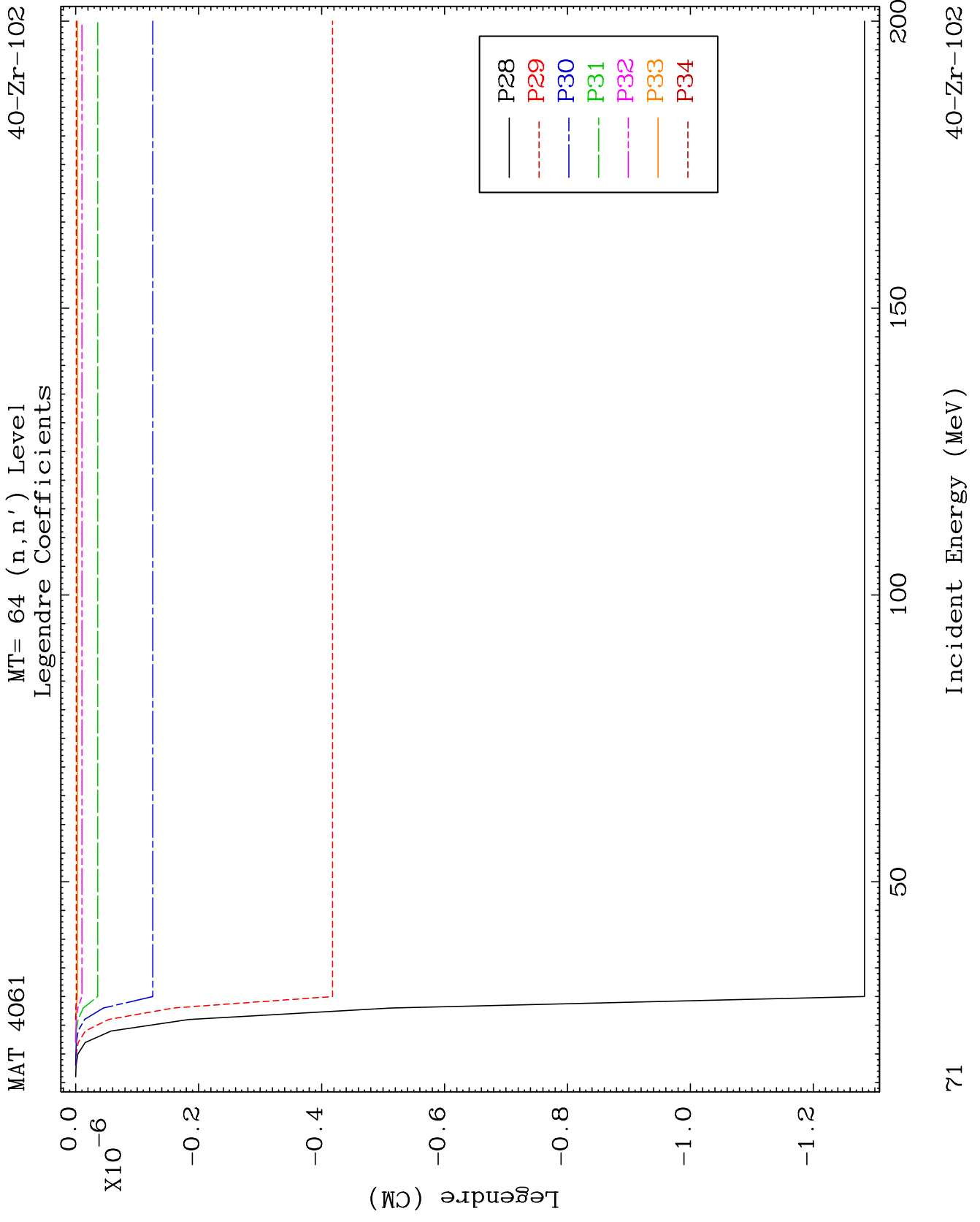


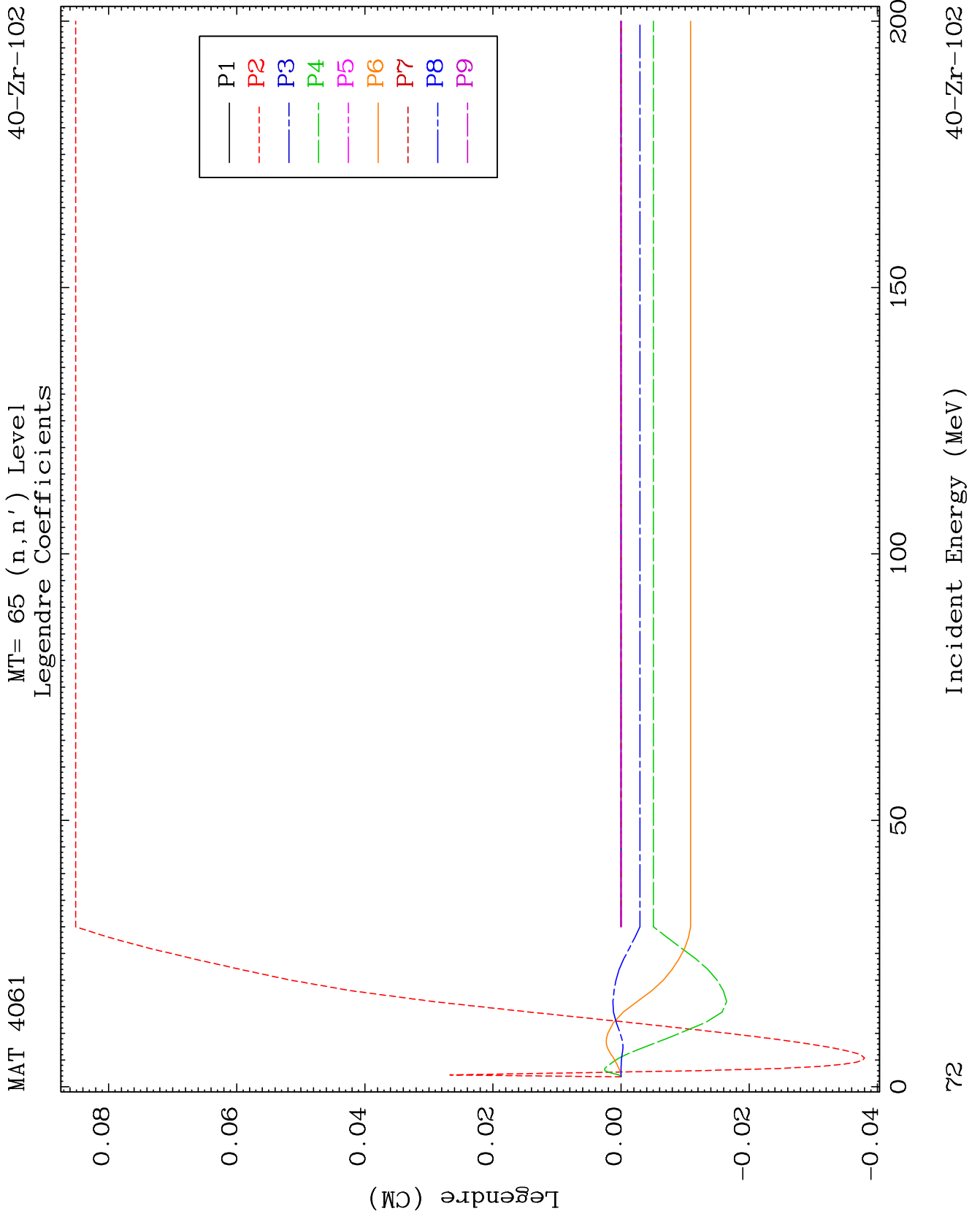
69

Incident Energy (MeV)

40-Zr-102



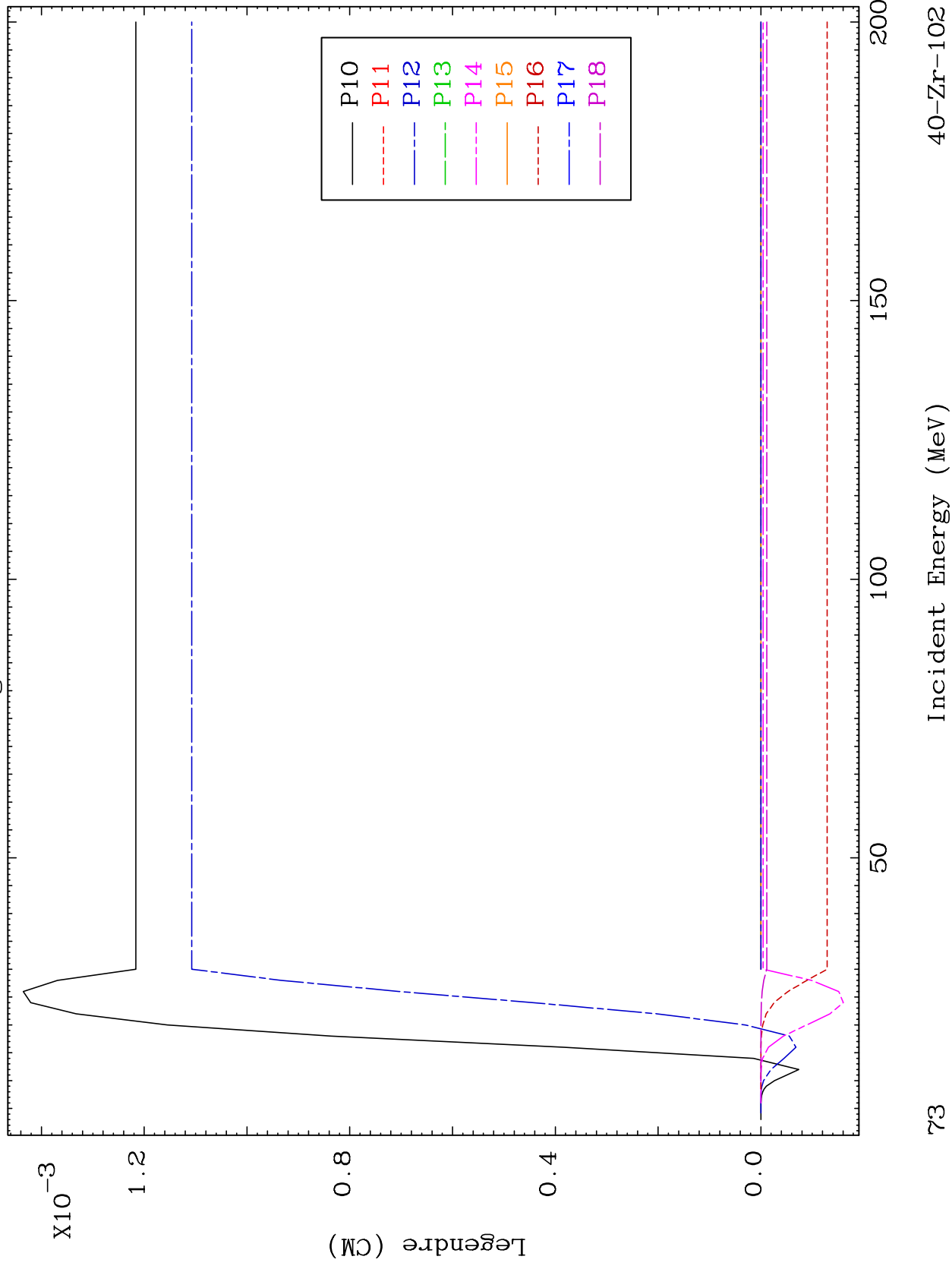




MAT 4061

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

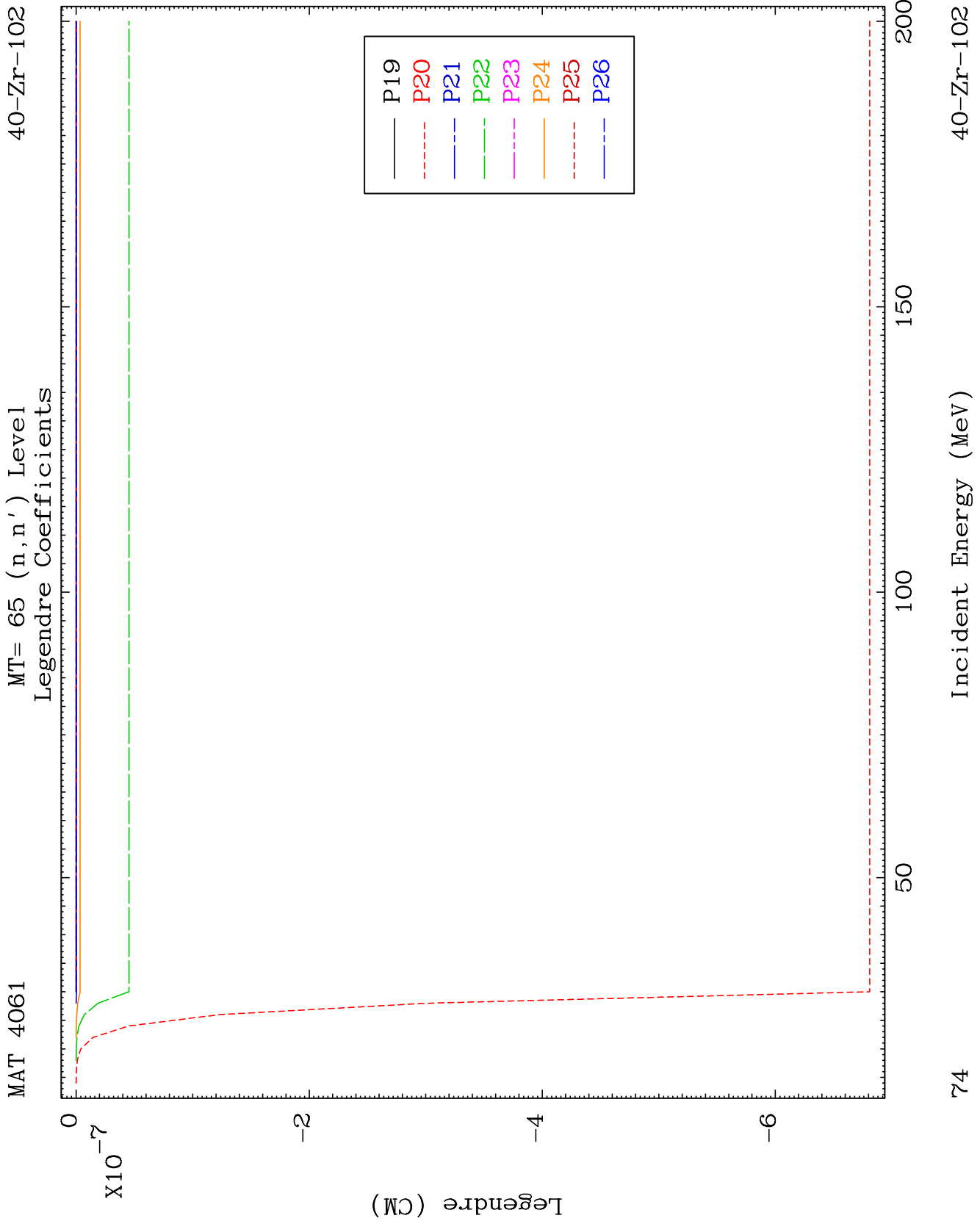
40-Zr-102



73

Incident Energy (MeV)

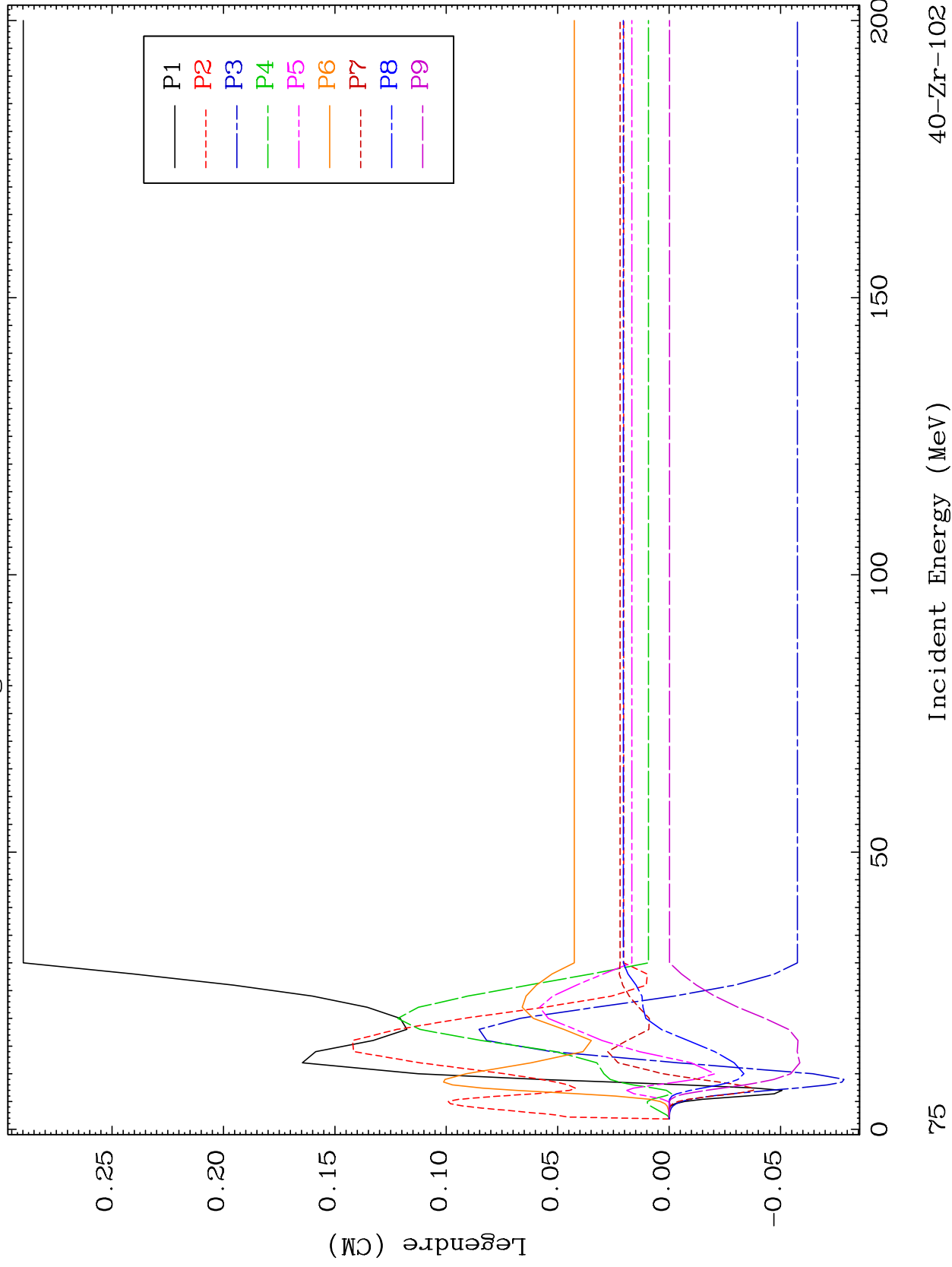
40-Zr-102



MAT 4061

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

40-Zr-102



40-Zr-102

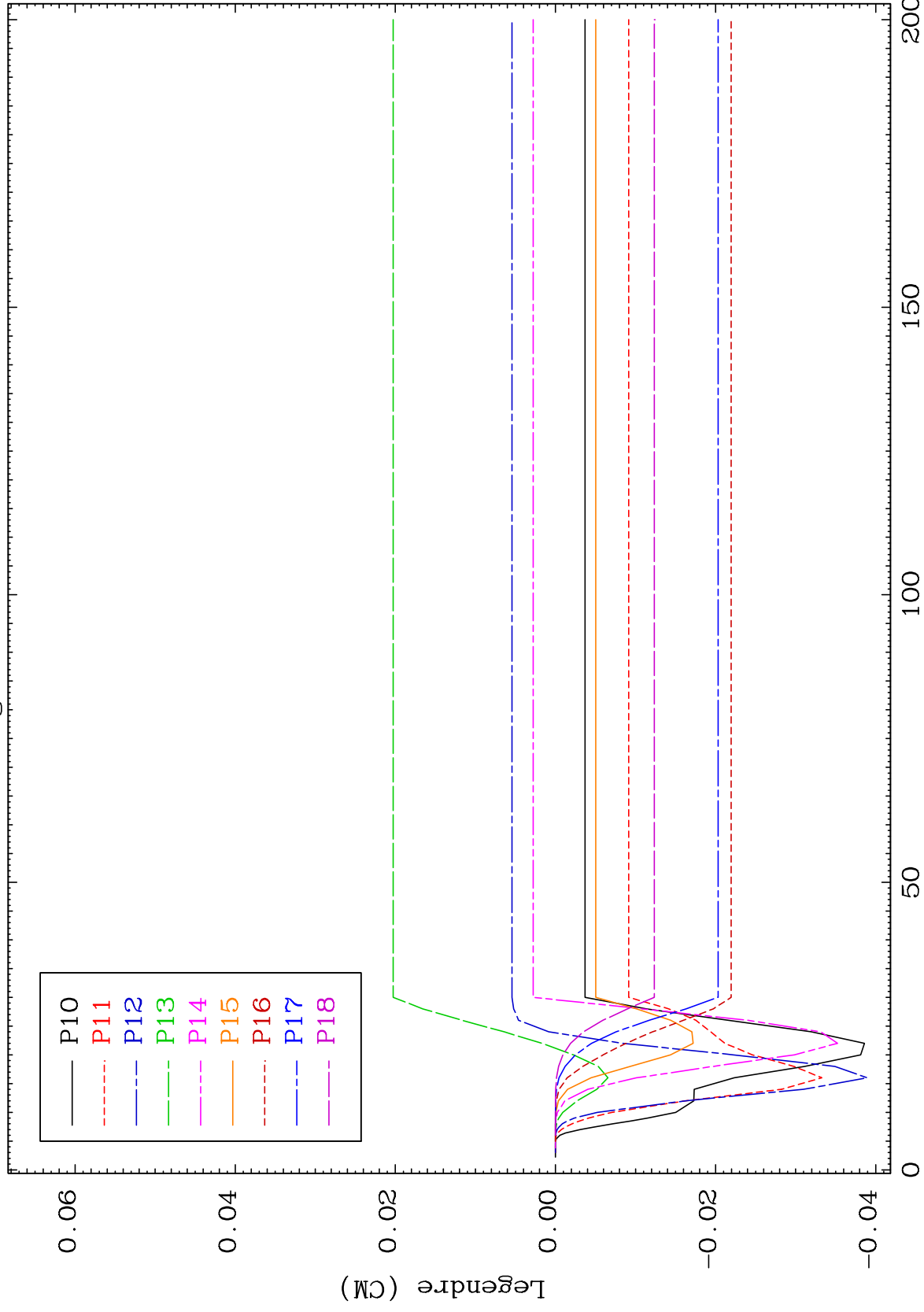
Incident Energy (MeV)

75

MAT 4061

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

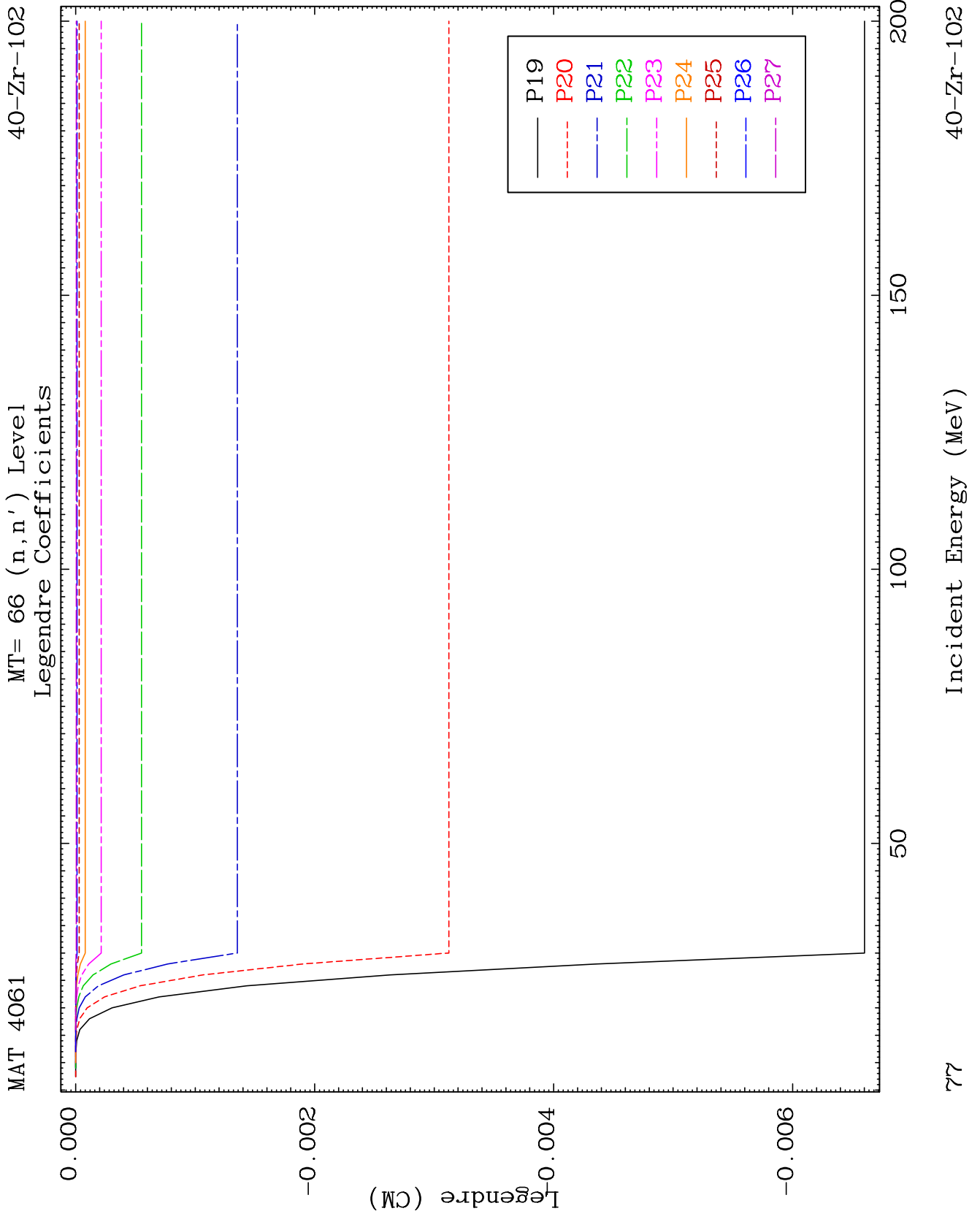
40-Zr-102

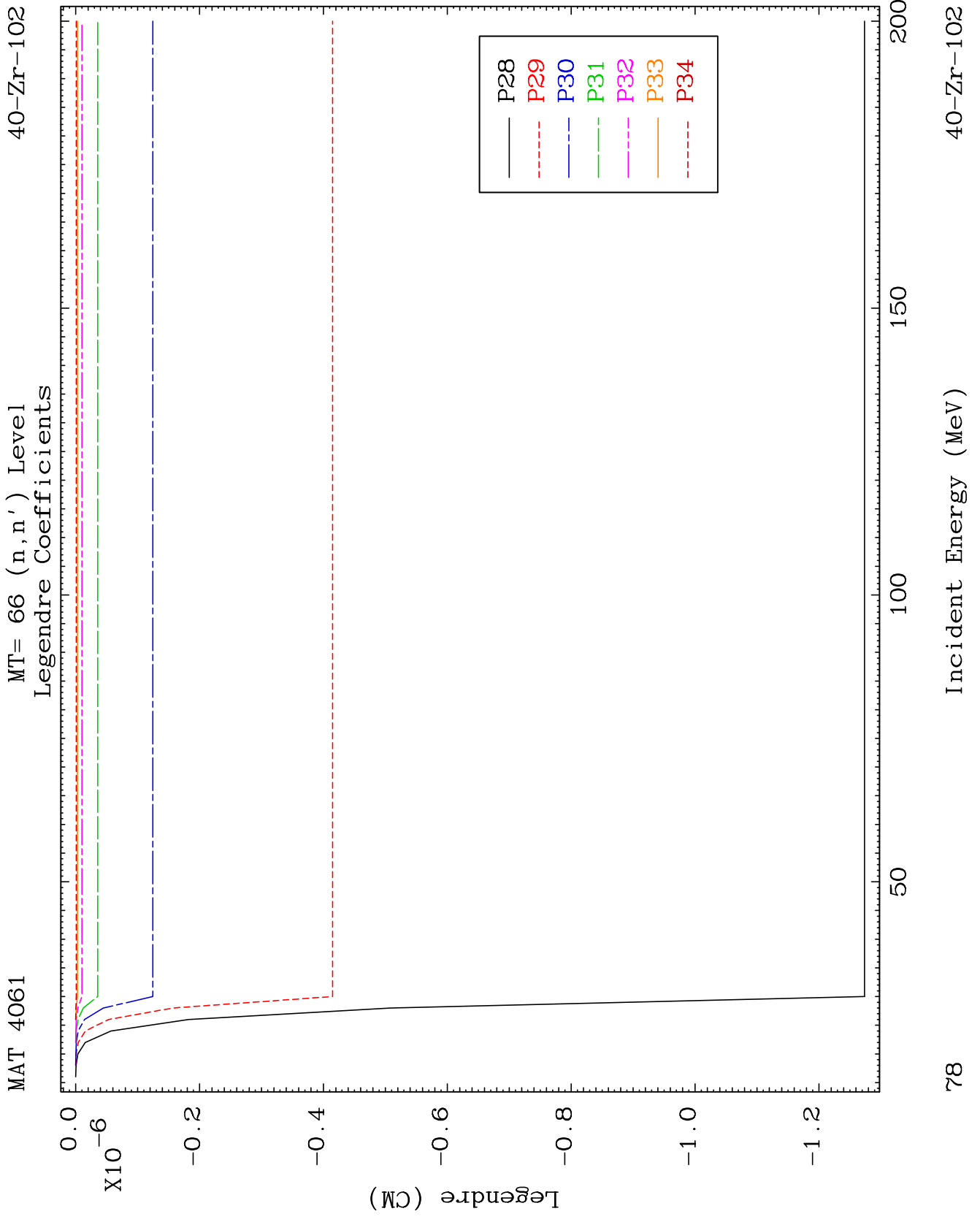


76

Incident Energy (MeV)

40-Zr-102

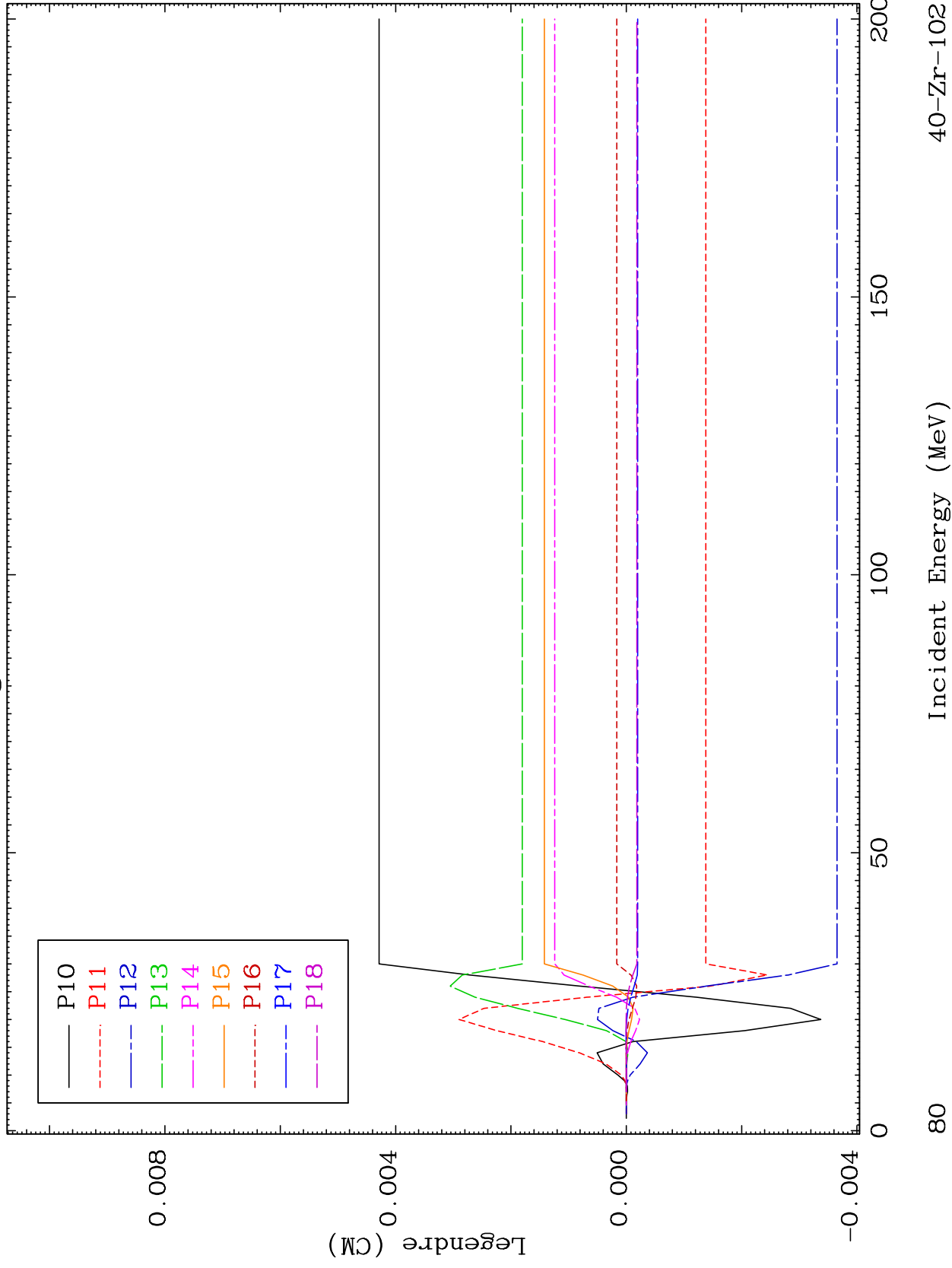


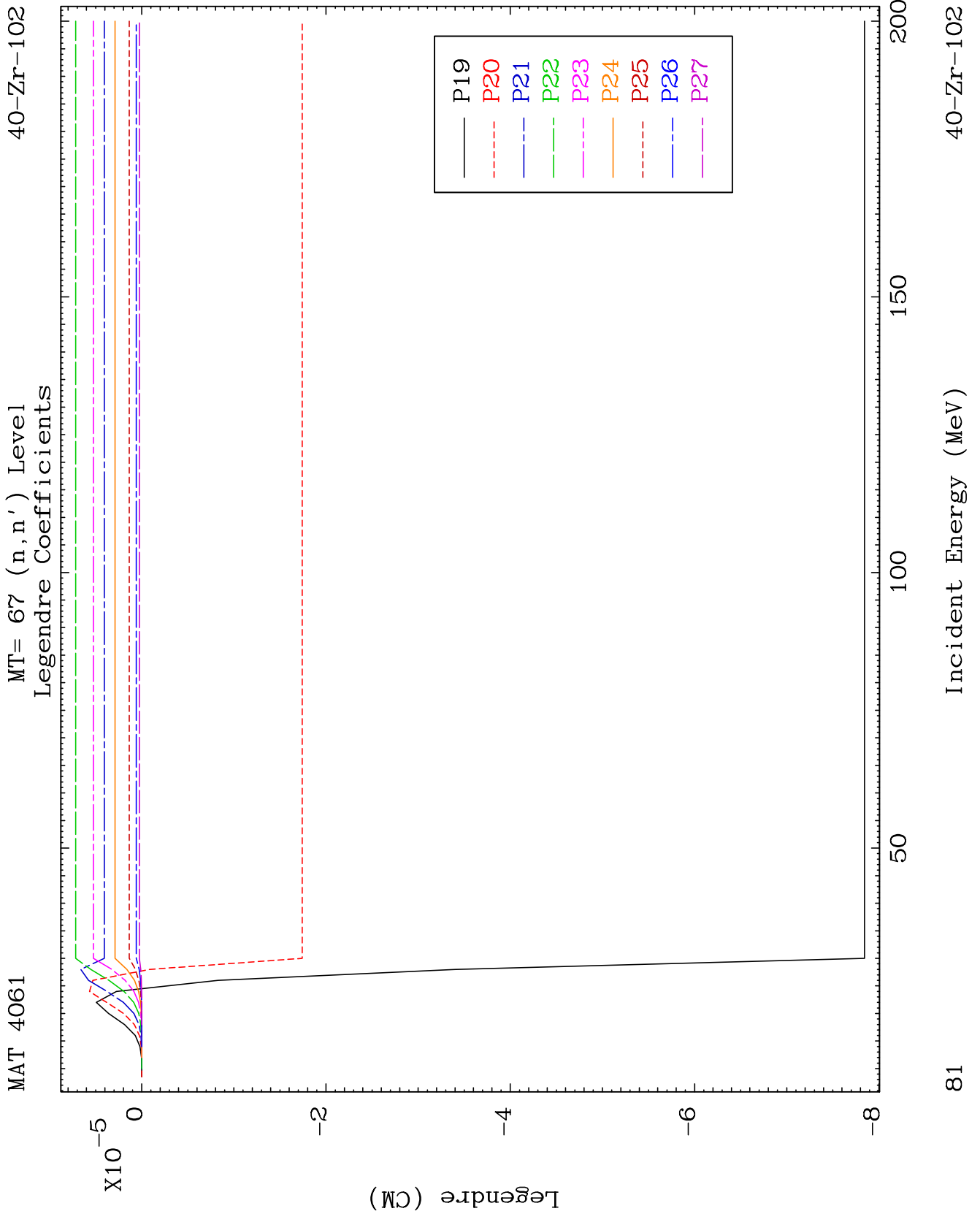


MAT 4061

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

40-Zr-102

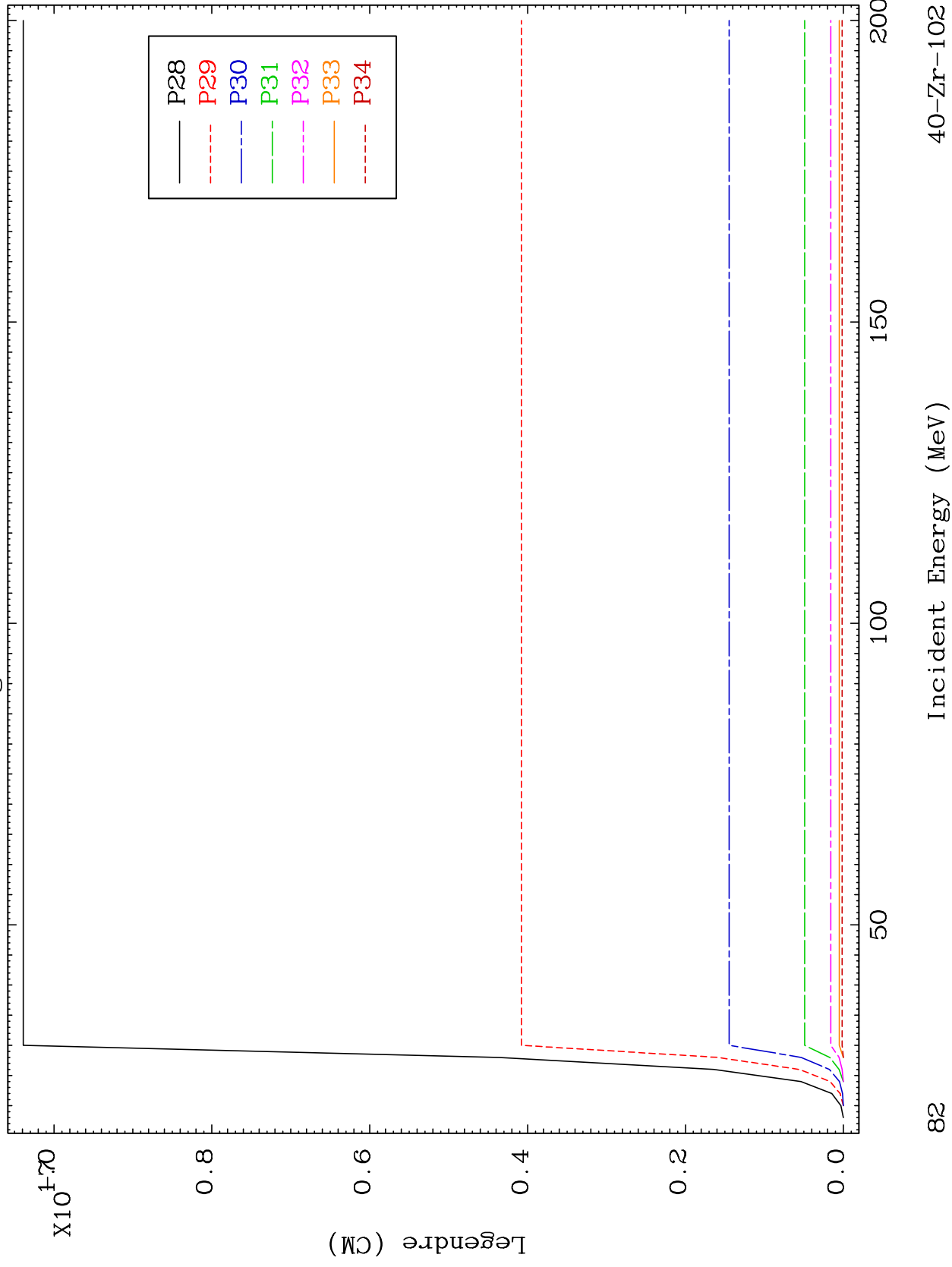




MAT 4061

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

40-Zr-102



82

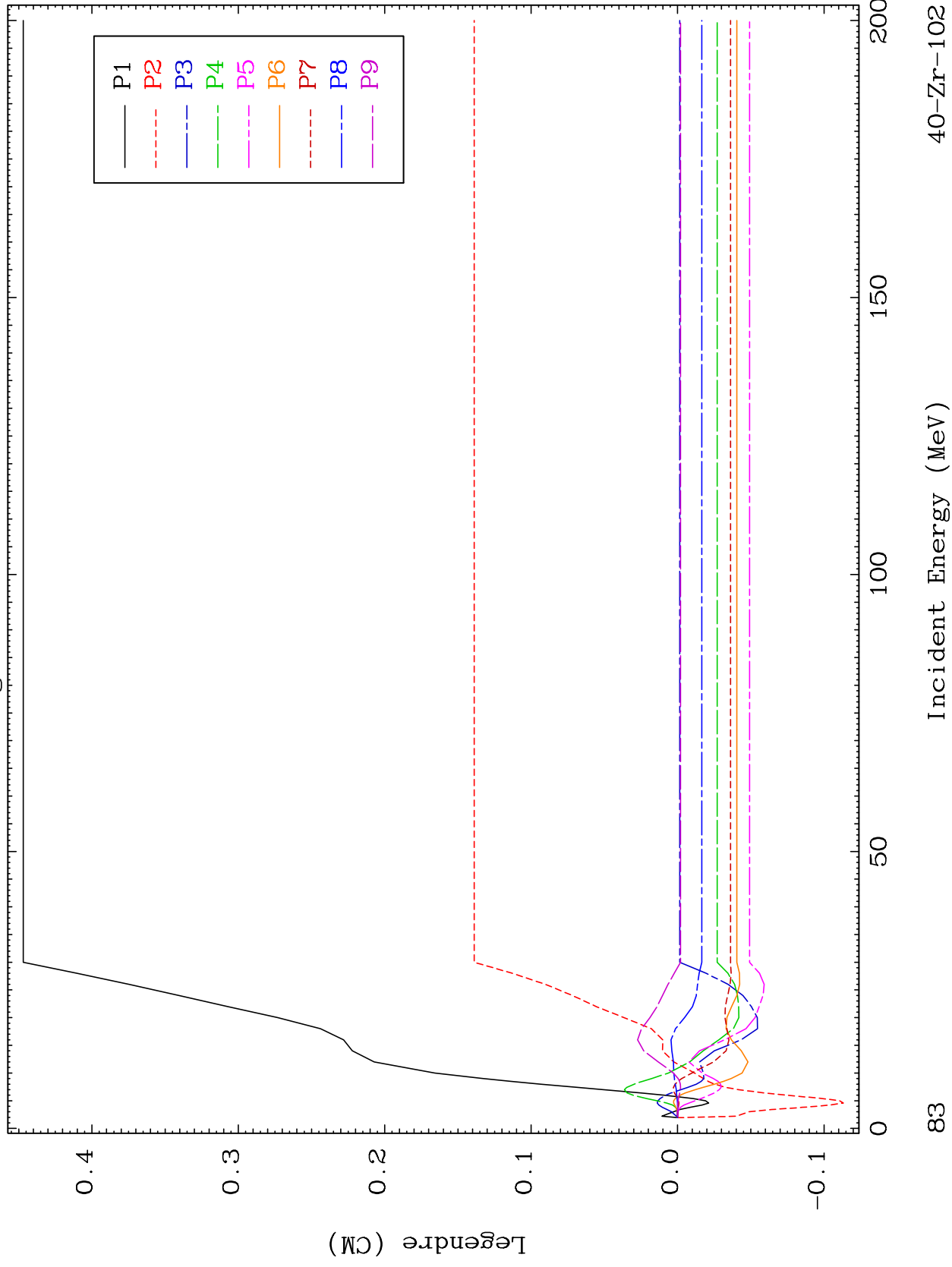
Incident Energy (MeV)

40-Zr-102

MAT 4061

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

40-Zr-102



40-Zr-102

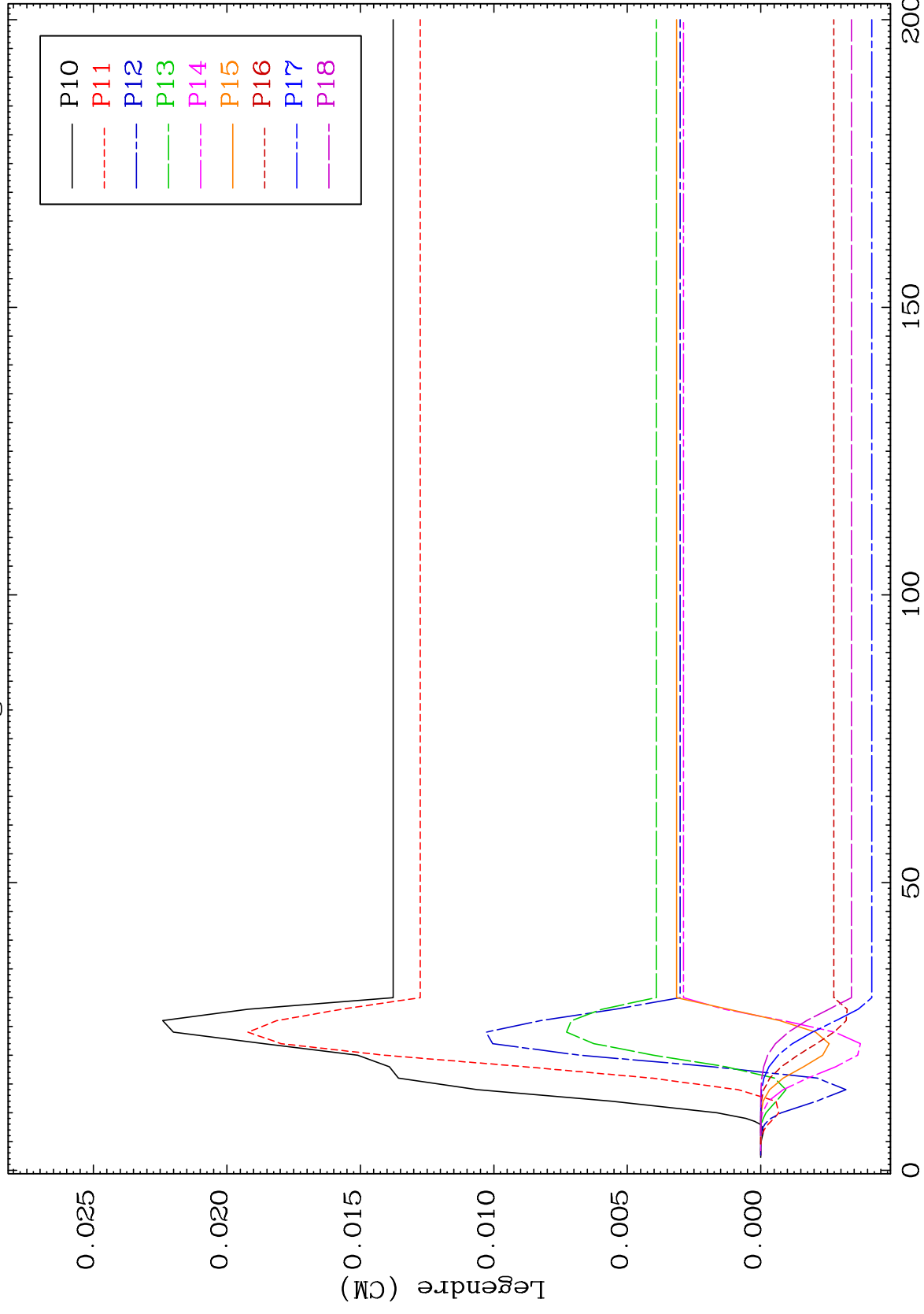
Incident Energy (MeV)

83

MAT 4061

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

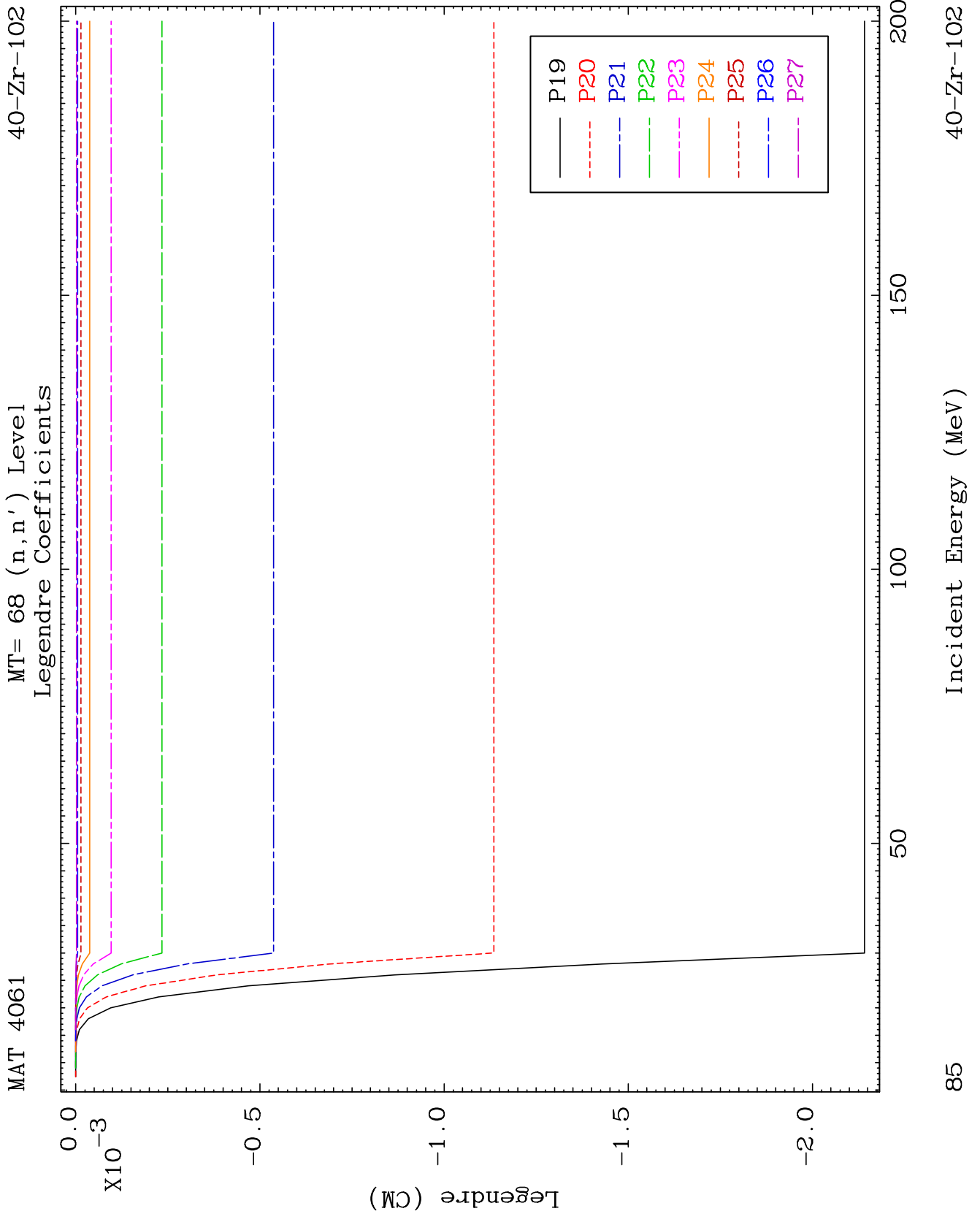
40-Zr-102

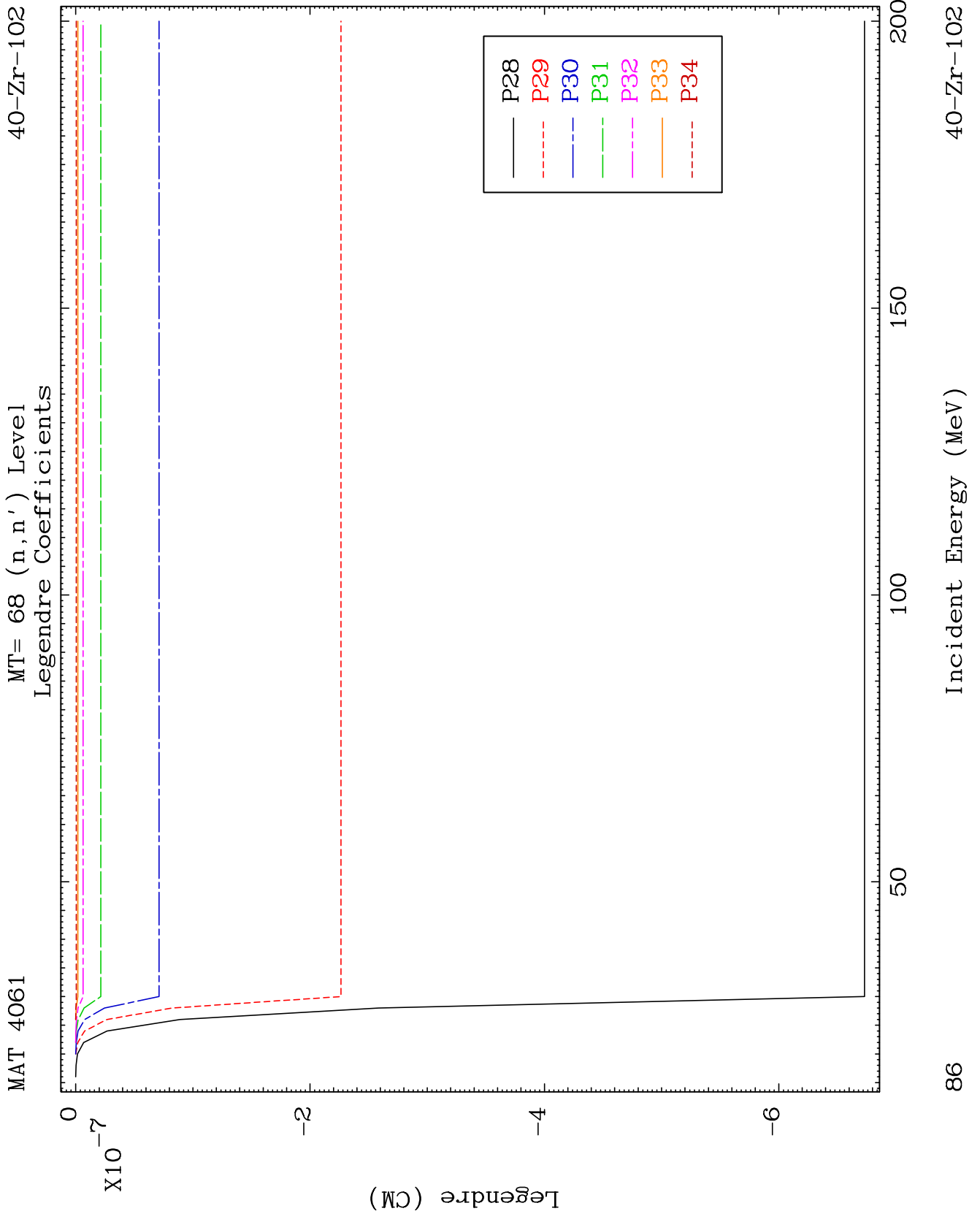


84

Incident Energy (MeV)

40-Zr-102

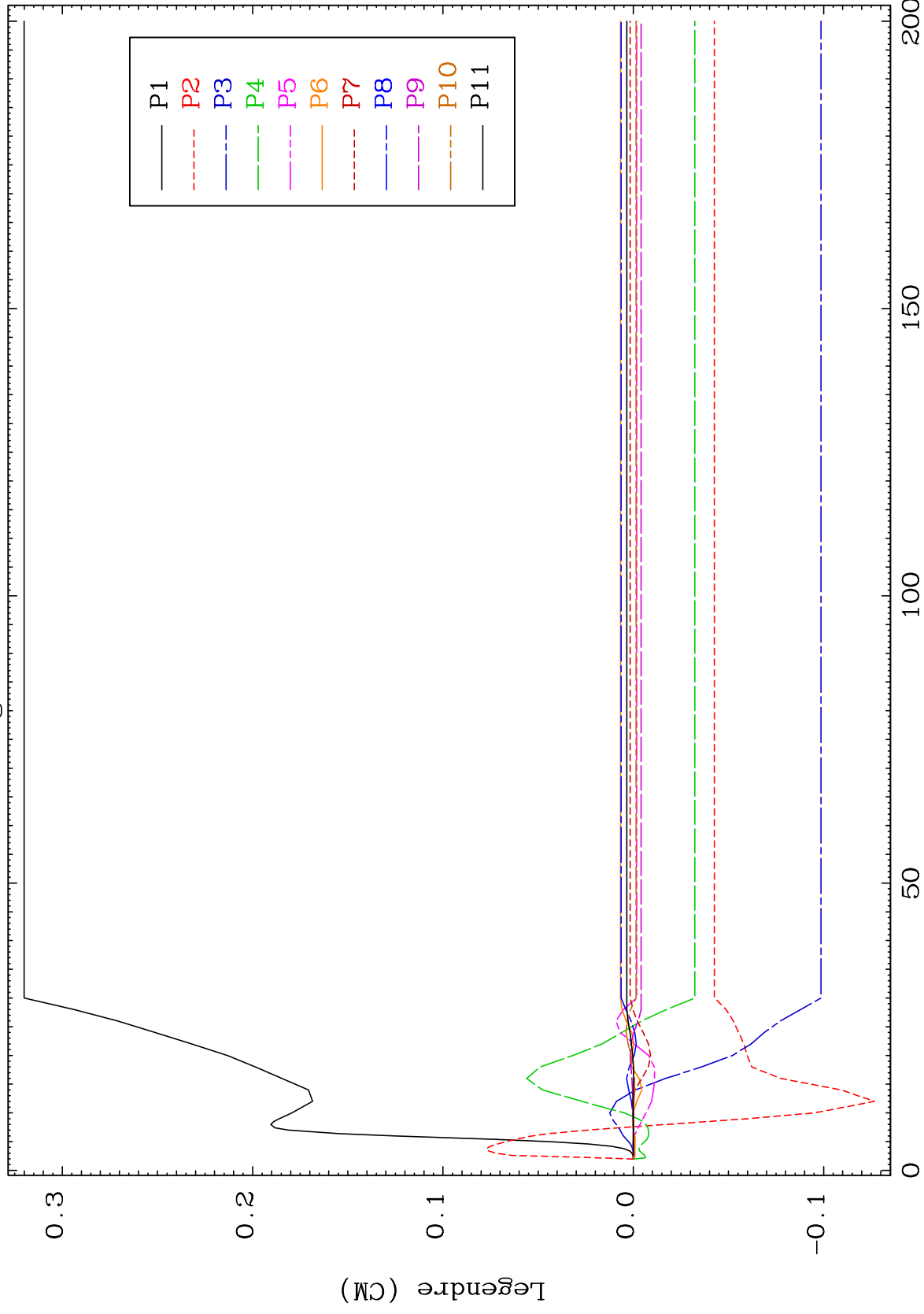




MAT 4061

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

40-Zr-102



87

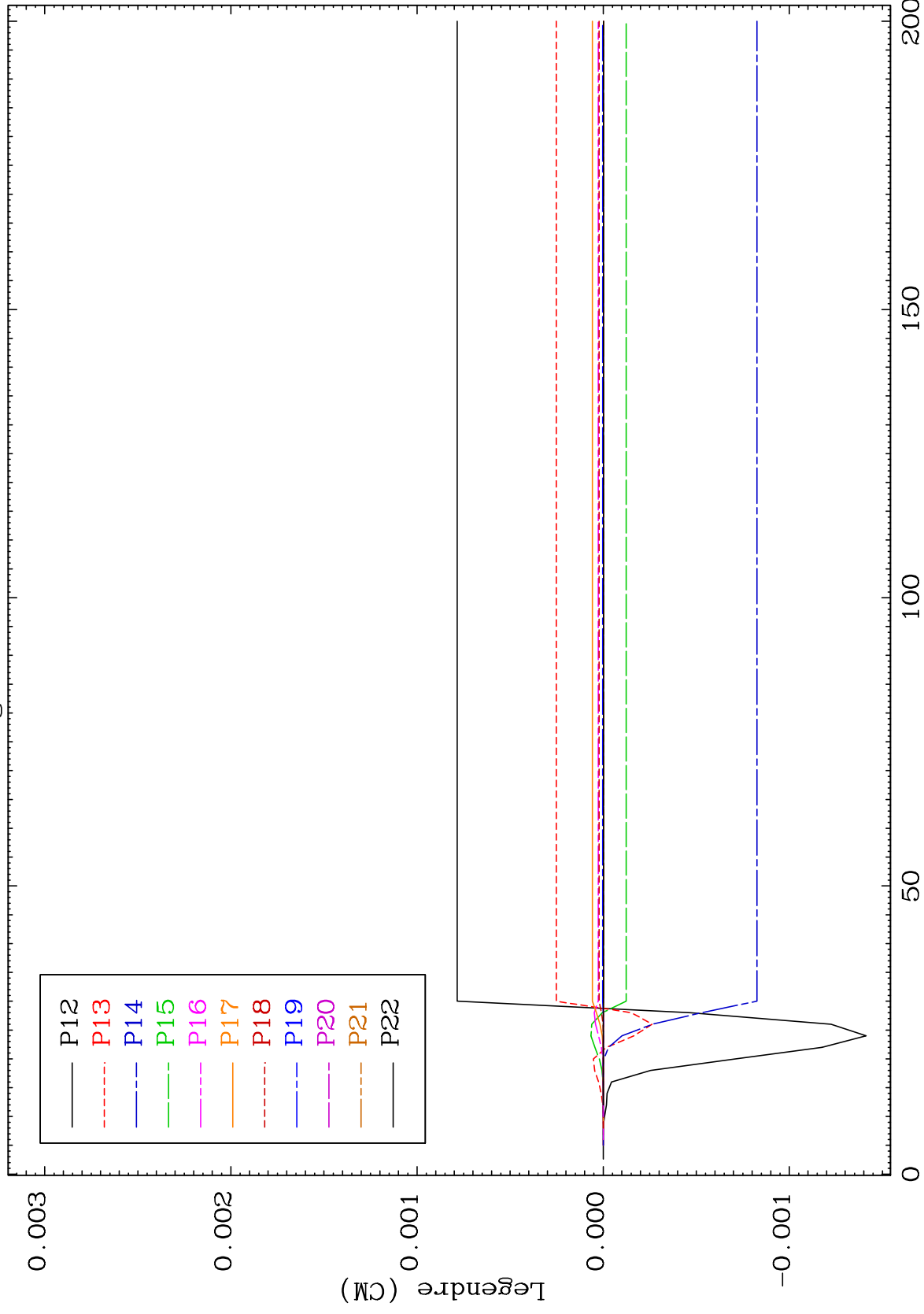
Incident Energy (MeV)

40-Zr-102

MAT 4061

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

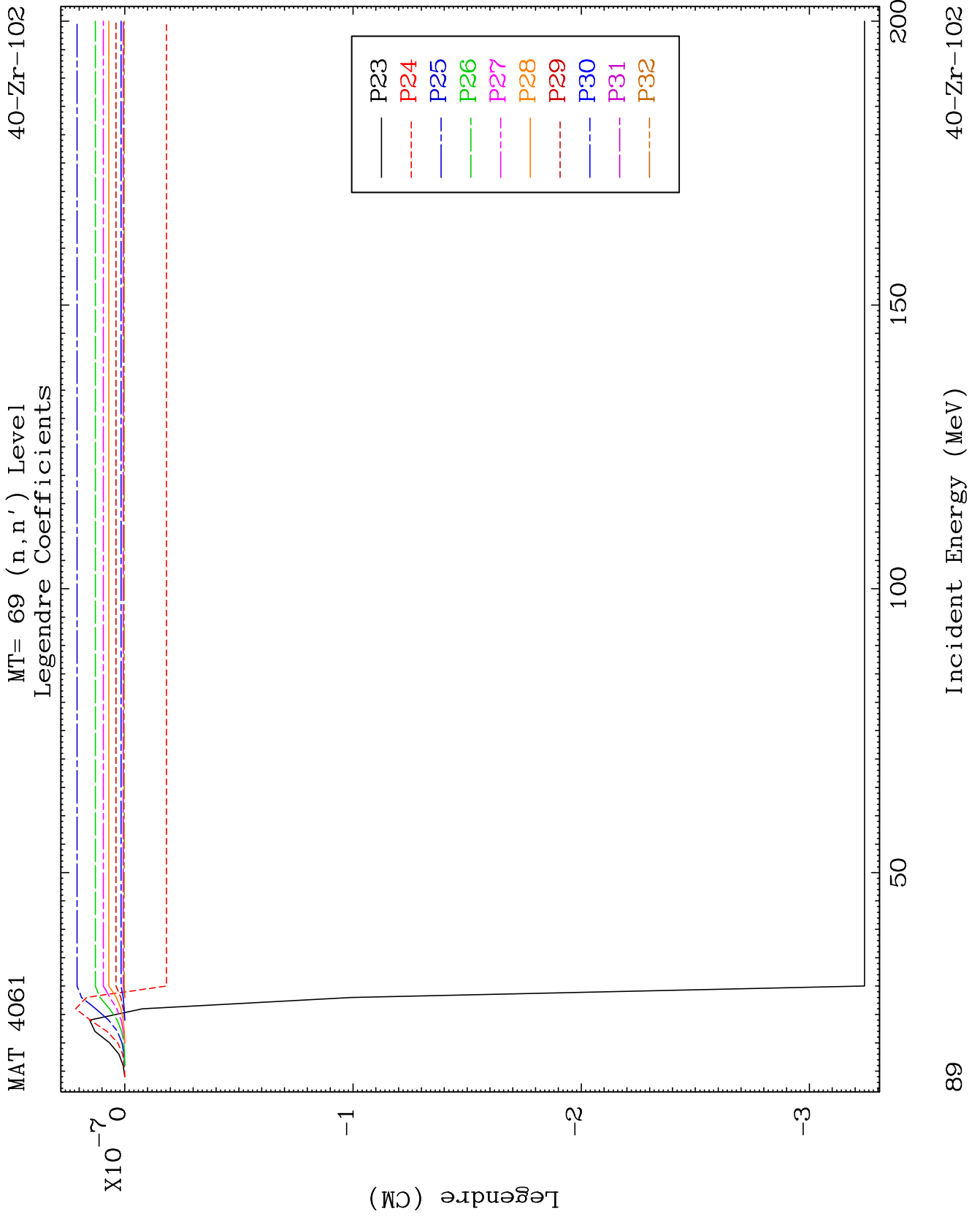
40-Zr-102

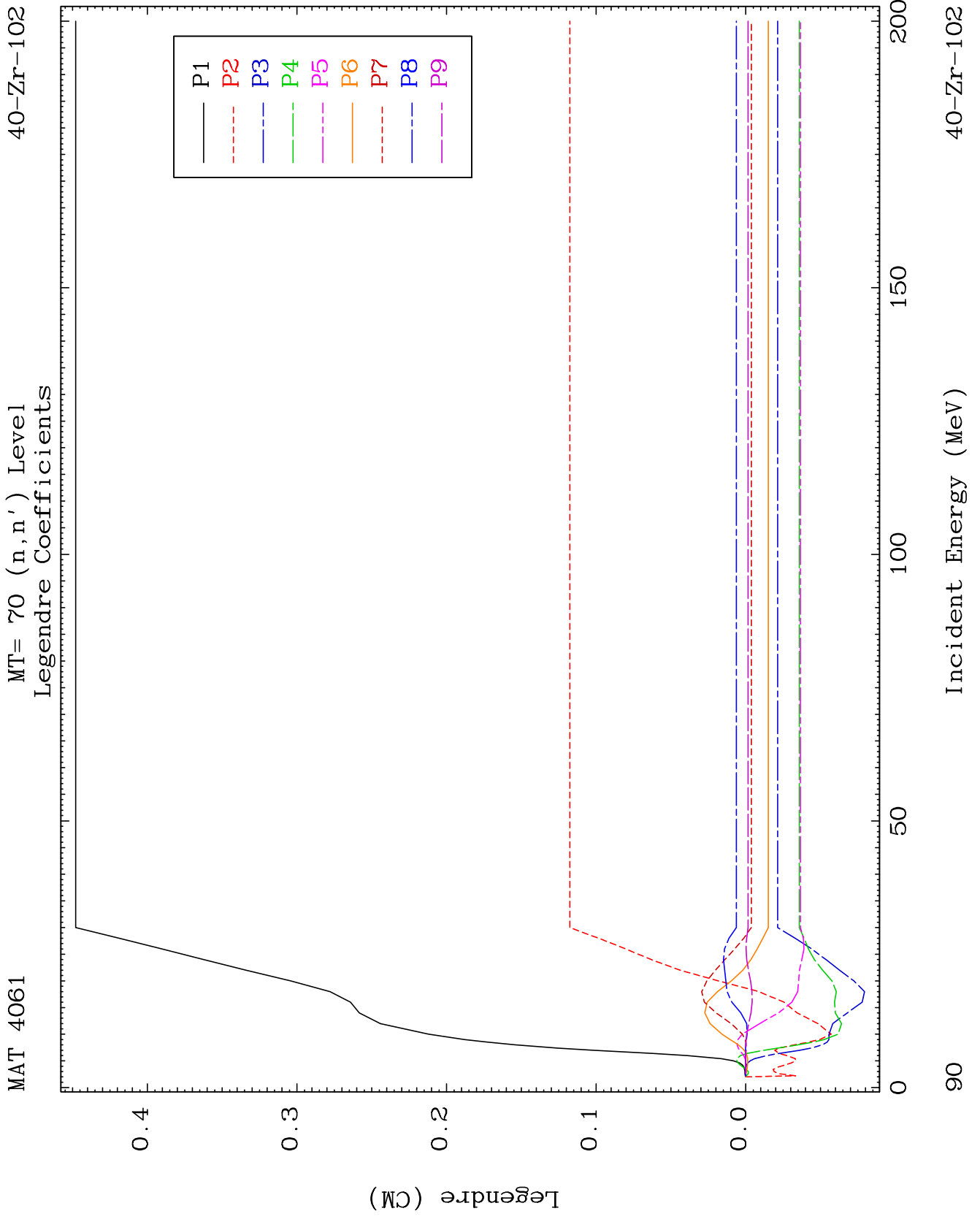


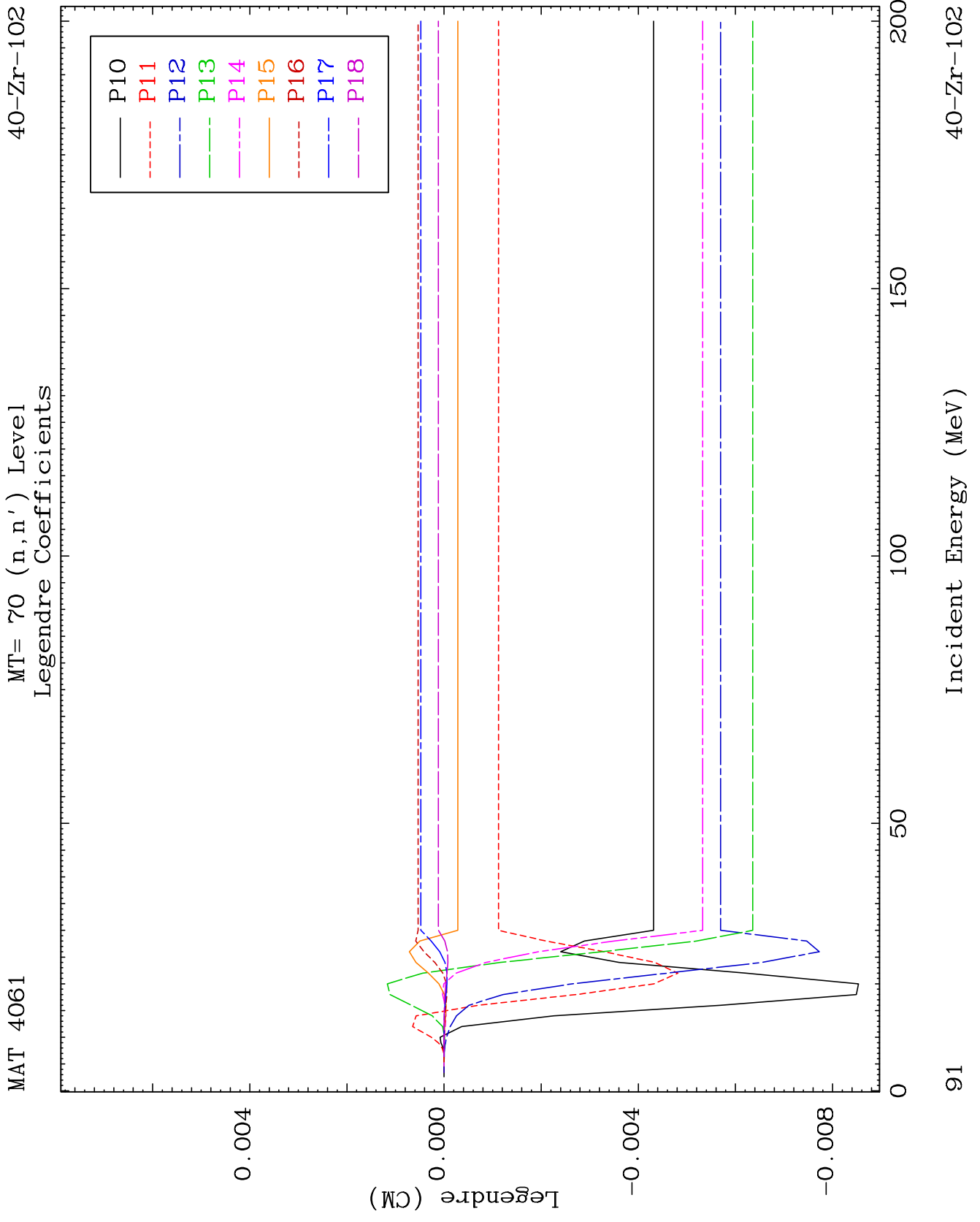
88

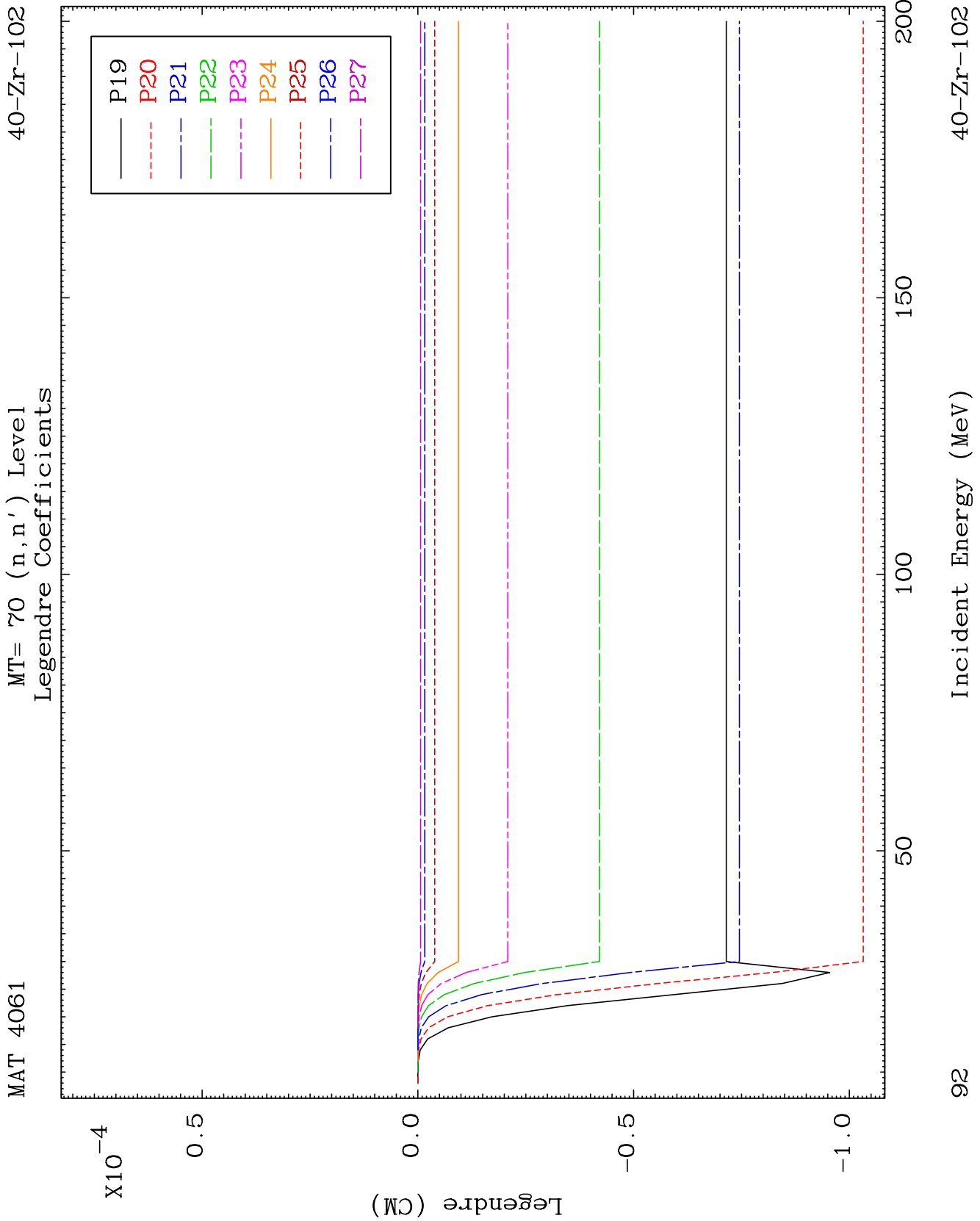
Incident Energy (MeV)

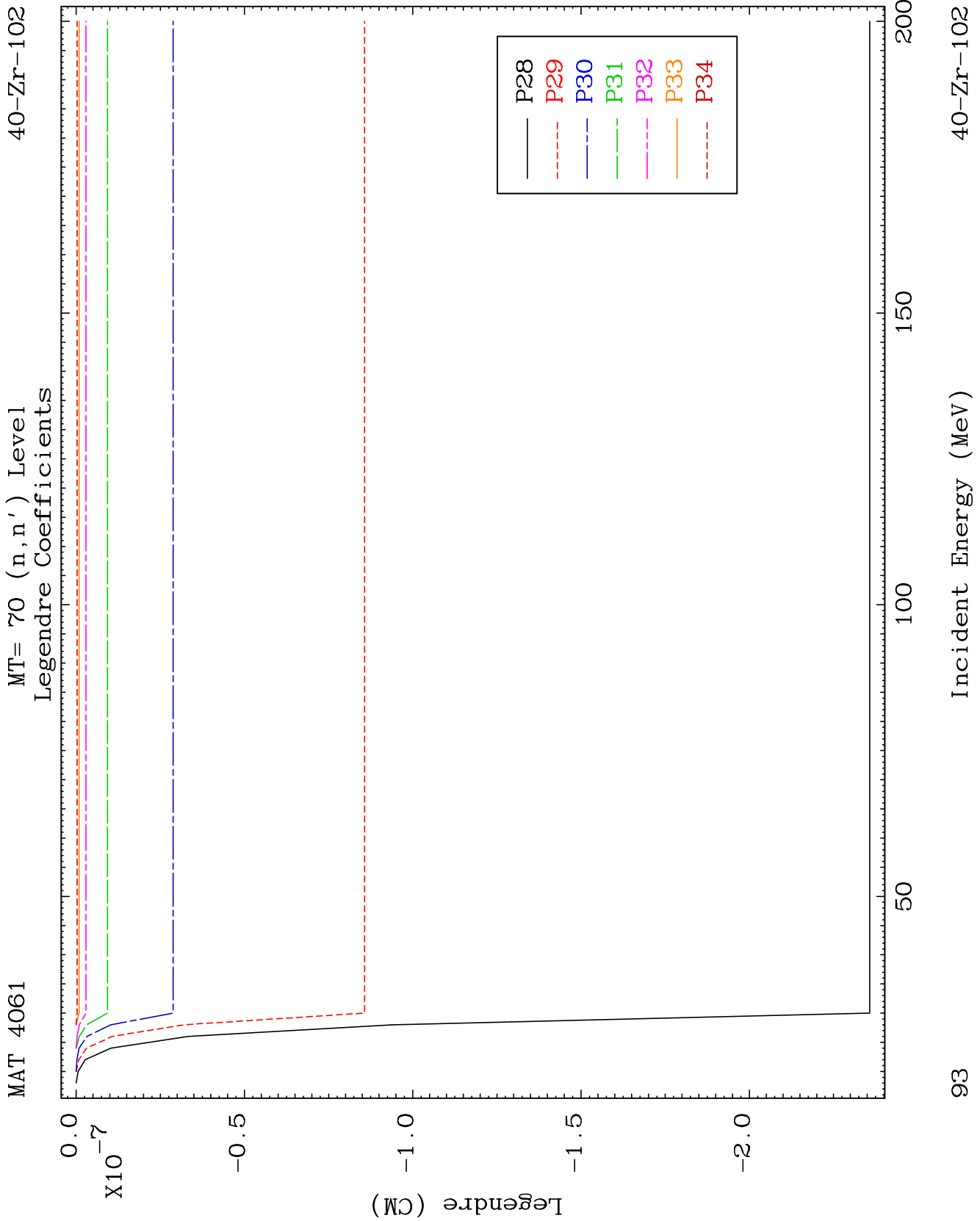
40-Zr-102









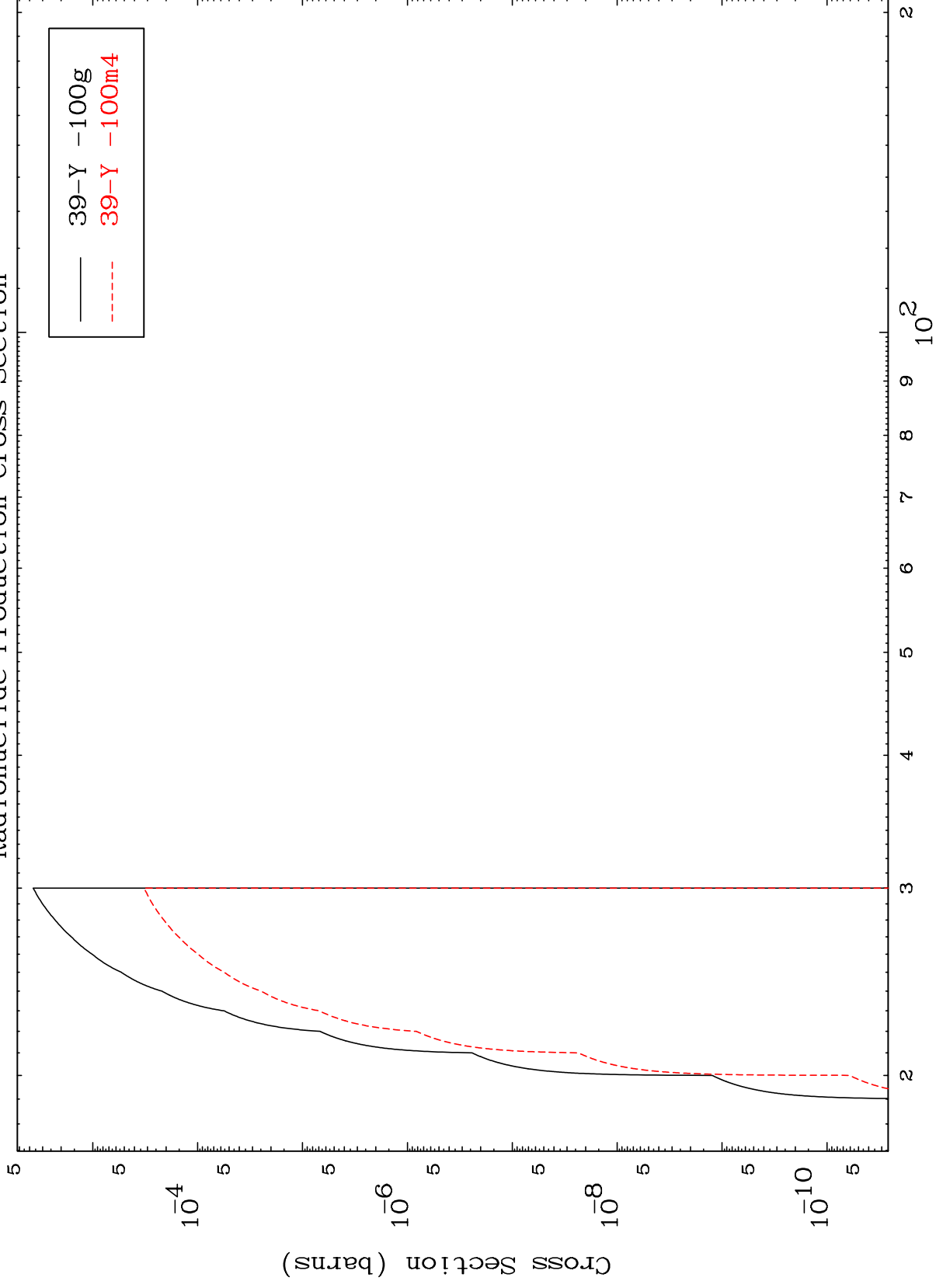


MAT 4061

(n,n') d

40-Zr-102

Radionuclide Production Cross Section



94

Incident Energy (MeV)

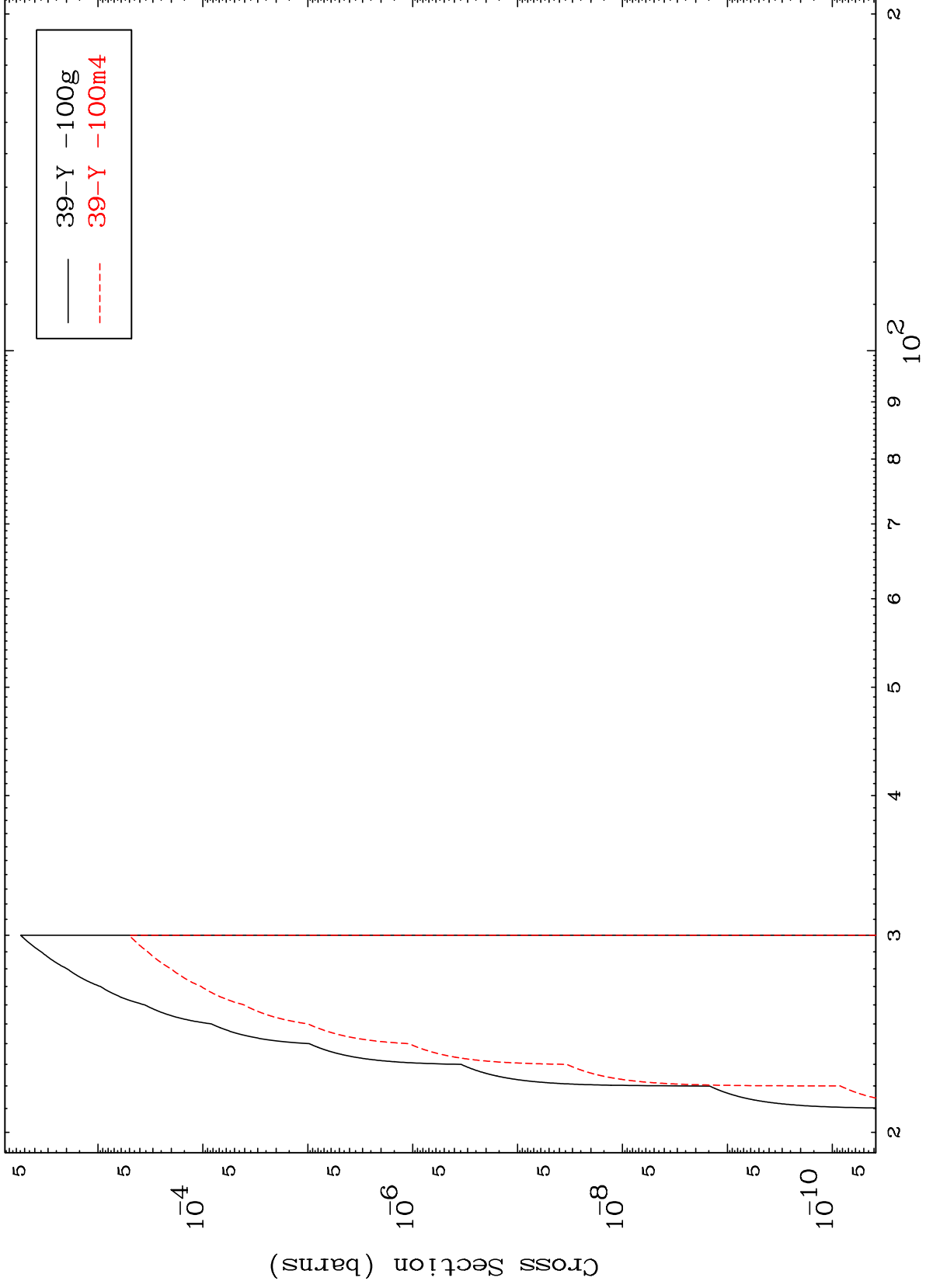
40-Zr-102

MAT 4061

(n,2n) p

40-Zr-102

Radionuclide Production Cross Section



95

Incident Energy (MeV)

40-Zr-102

(n, t)
Radionuclide Production Cross Section

