

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

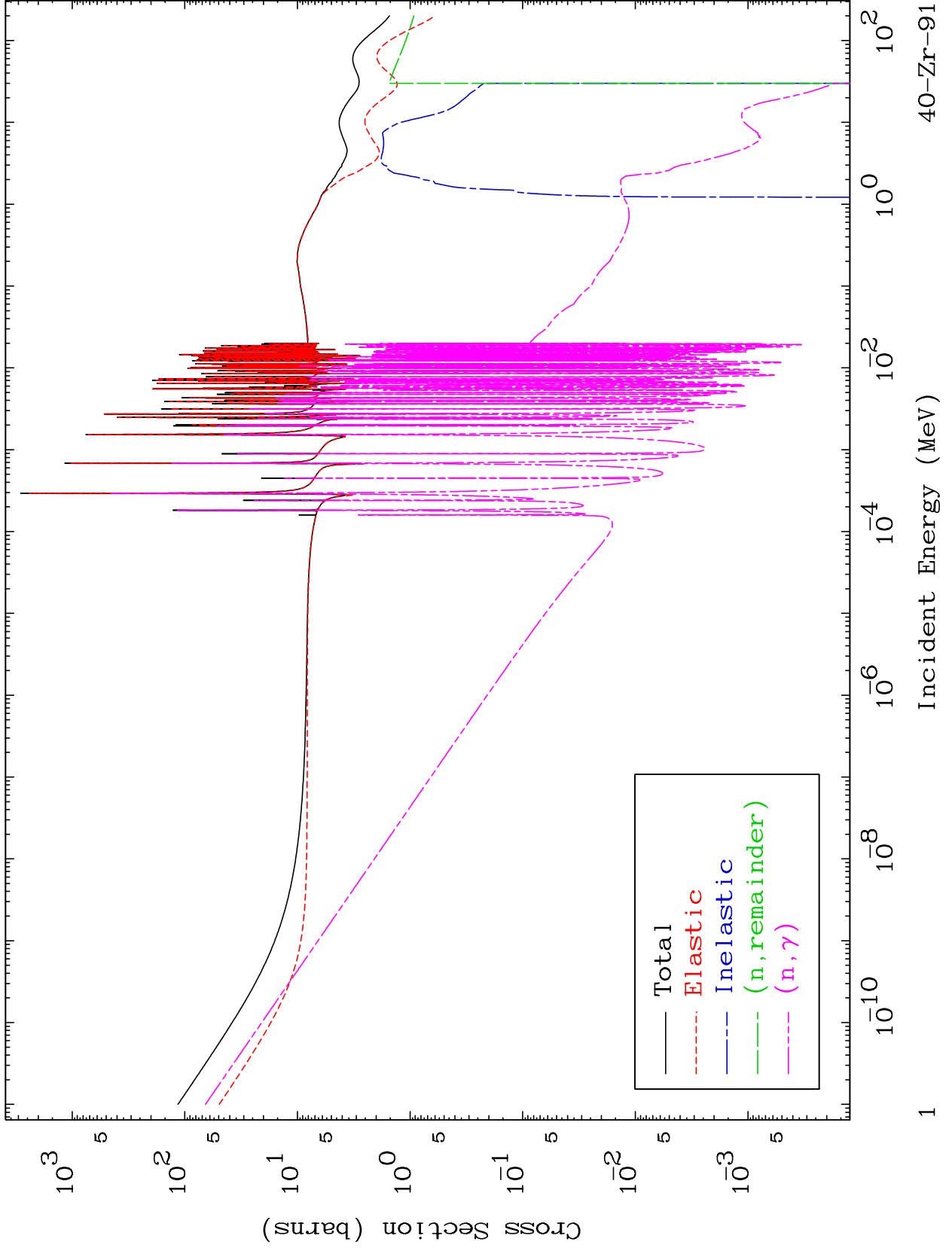
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4028

Major
293 Kelvin Cross Sections

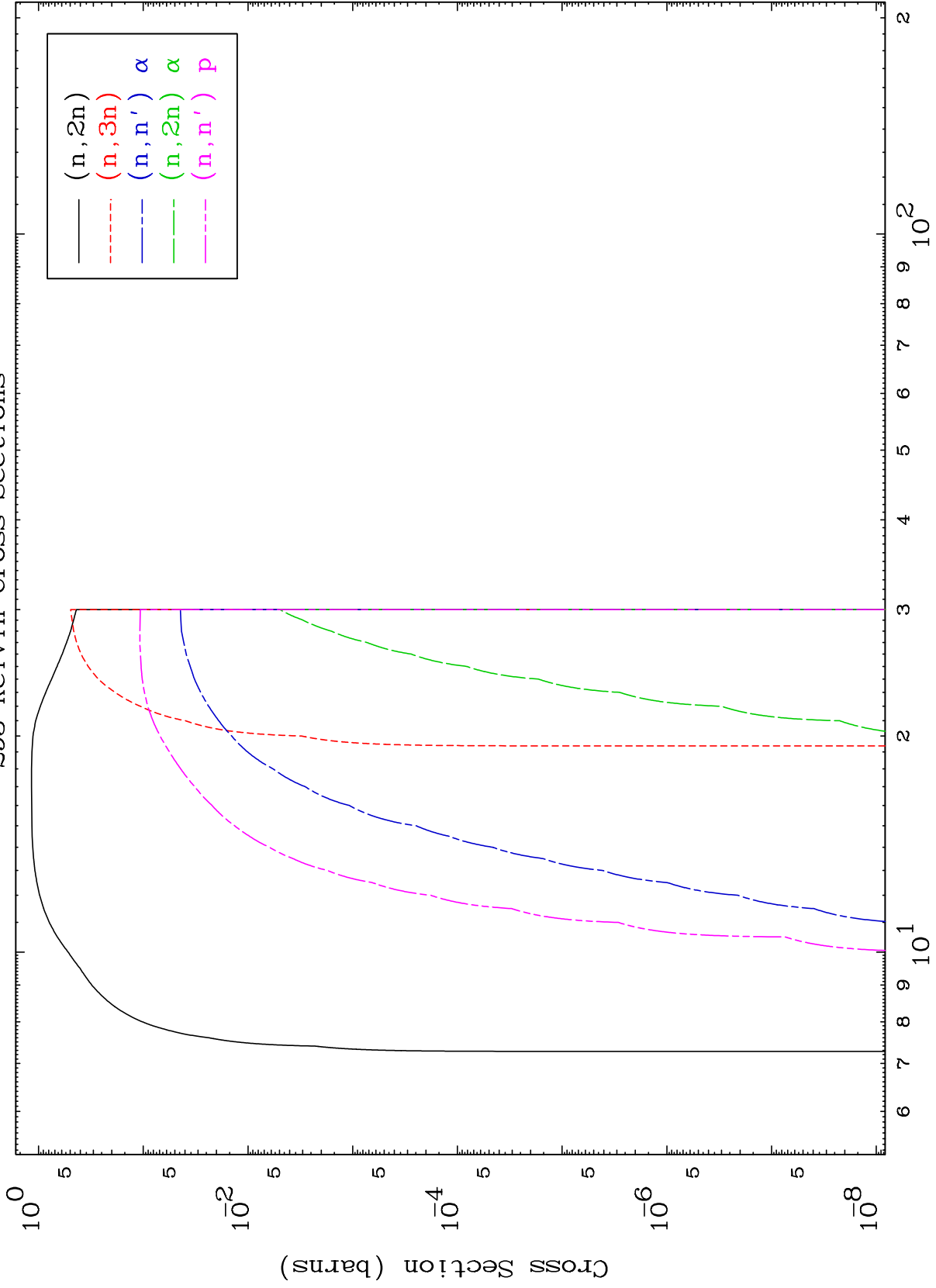
40-Zr-91

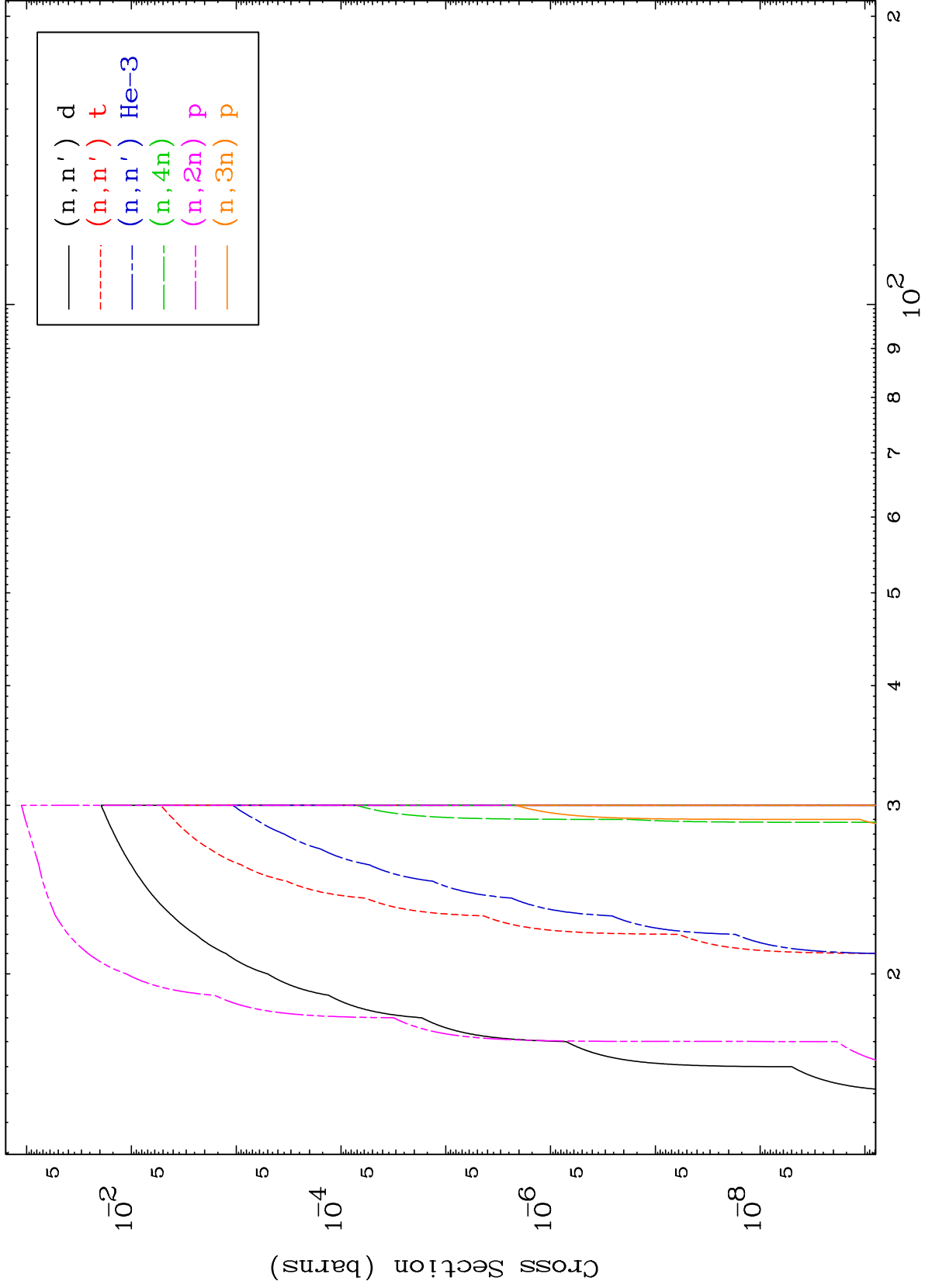


MAT 4028

Neutron Production
293 Kelvin Cross Sections

40-Zr-91

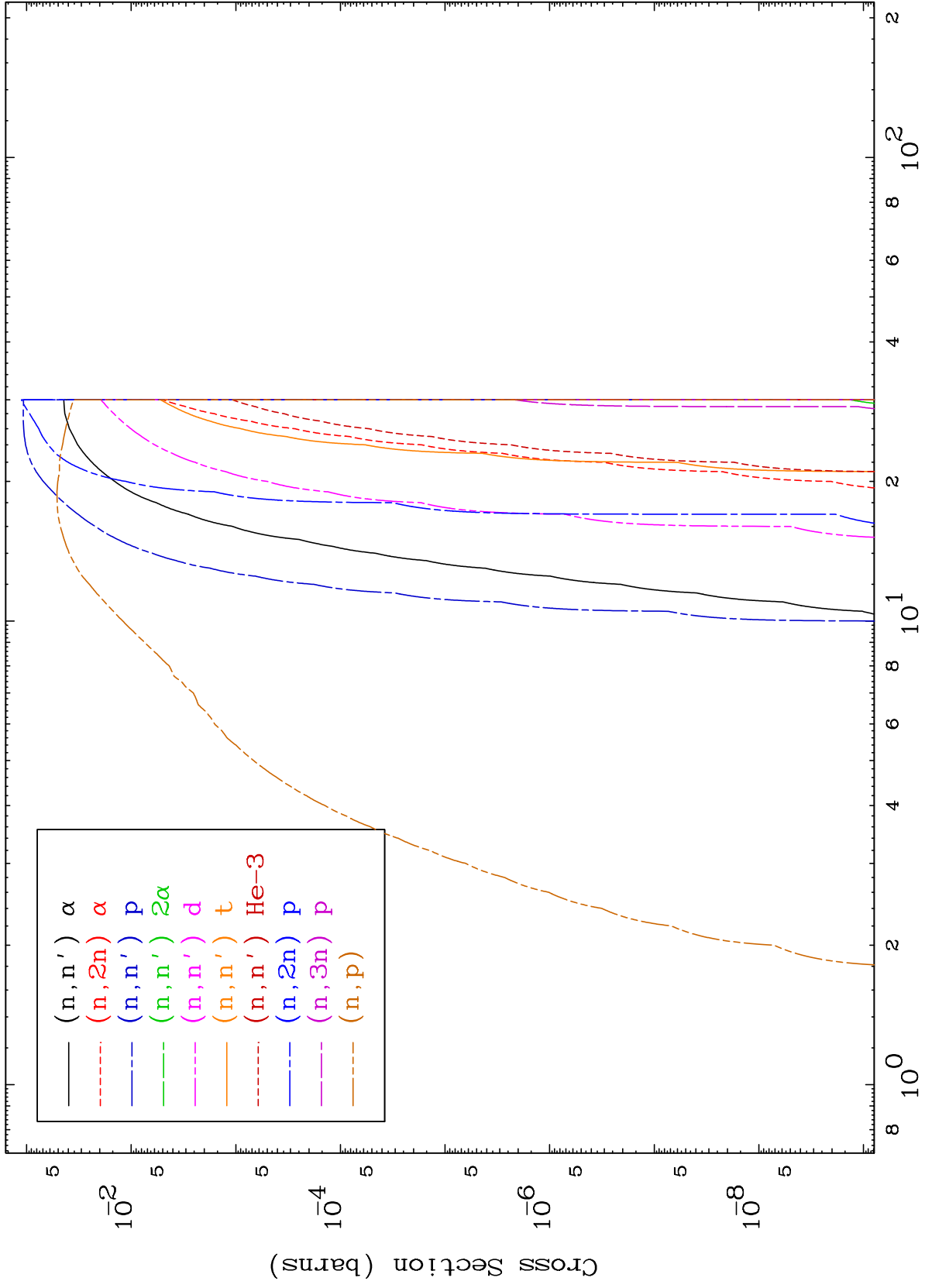




MAT 4028

Charged Particle
293 Kelvin Cross Sections

40-Zr-91



4

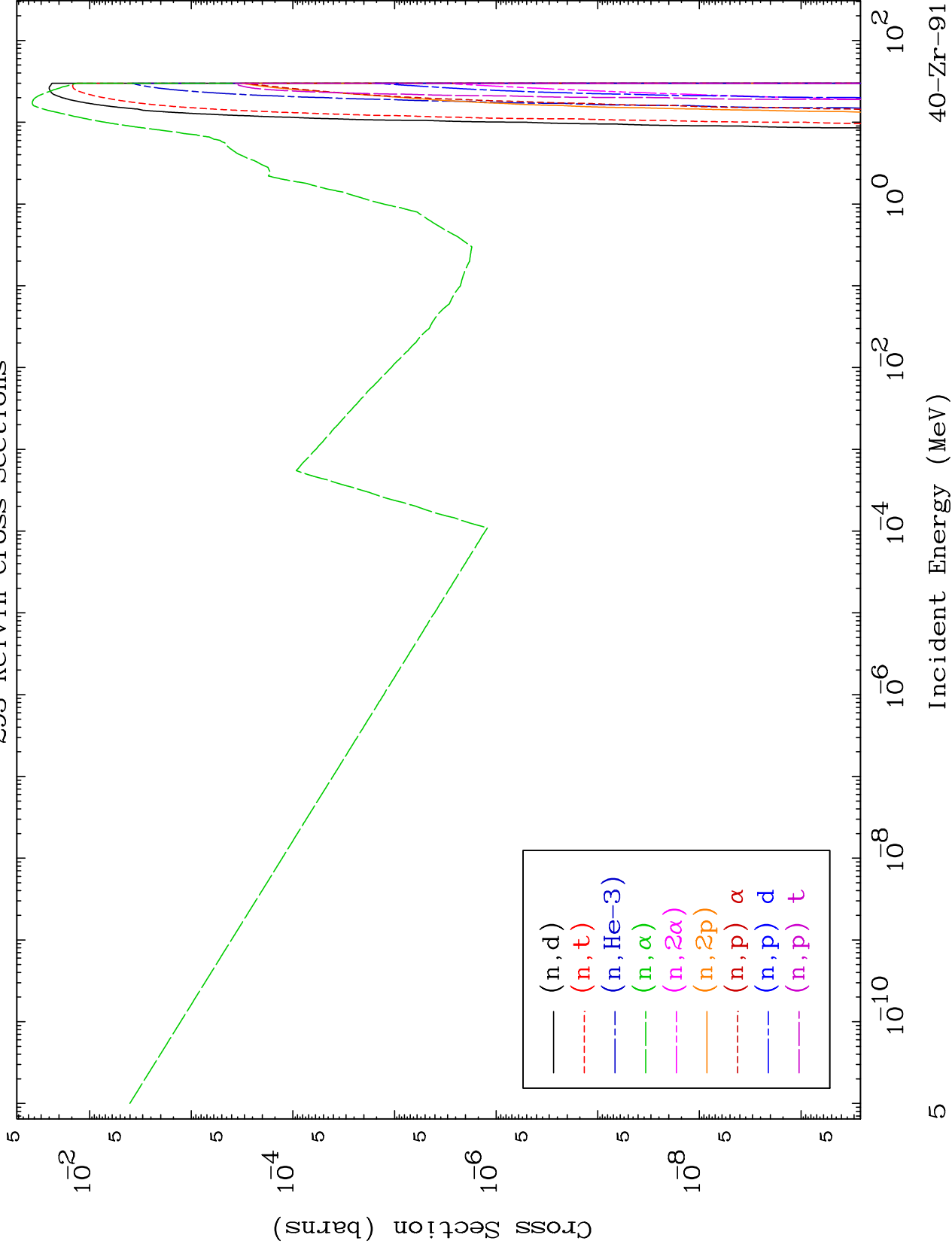
Incident Energy (MeV)

40-Zr-91

MAT 4028

Charged Particle
293 Kelvin Cross Sections

40-Zr-91

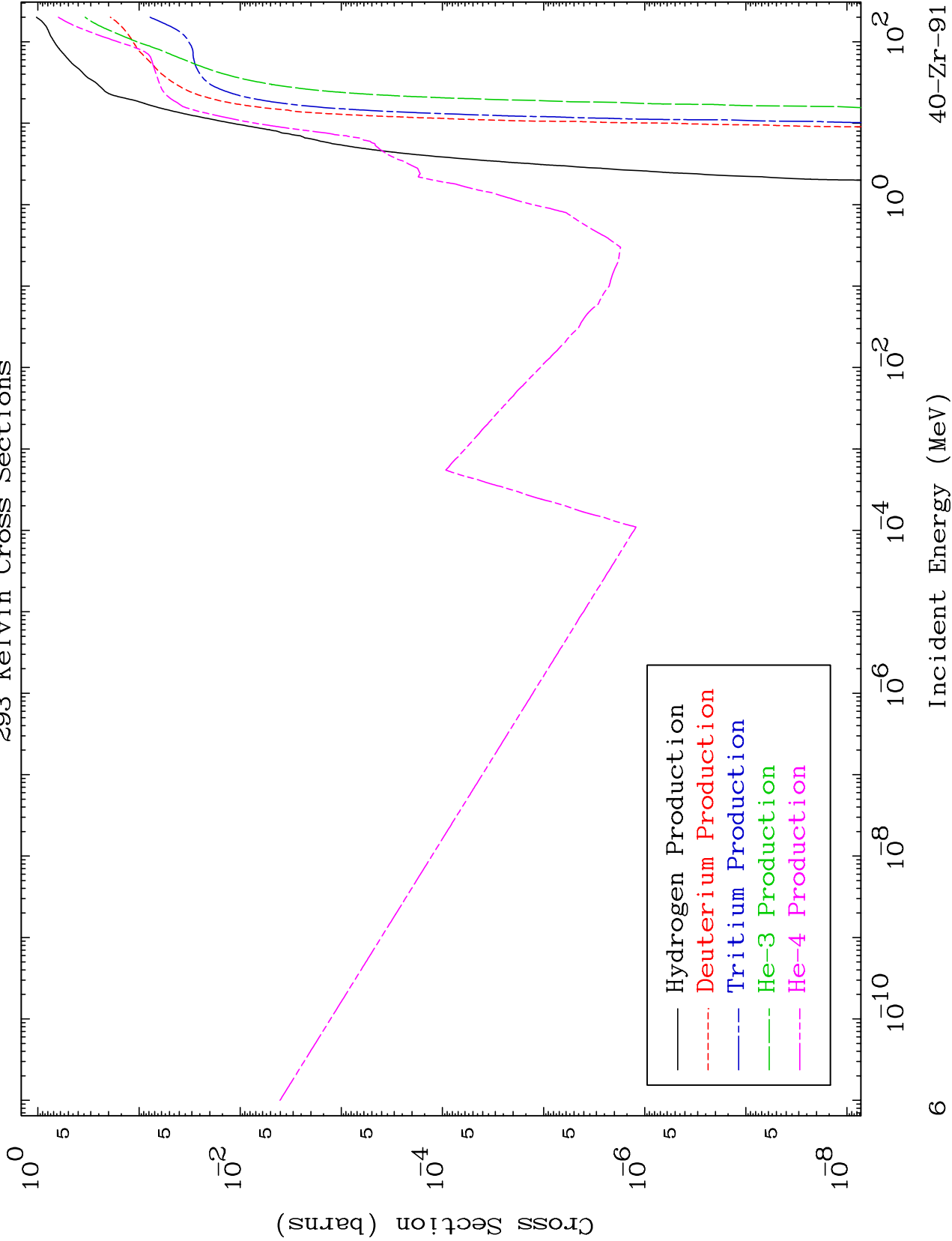


5

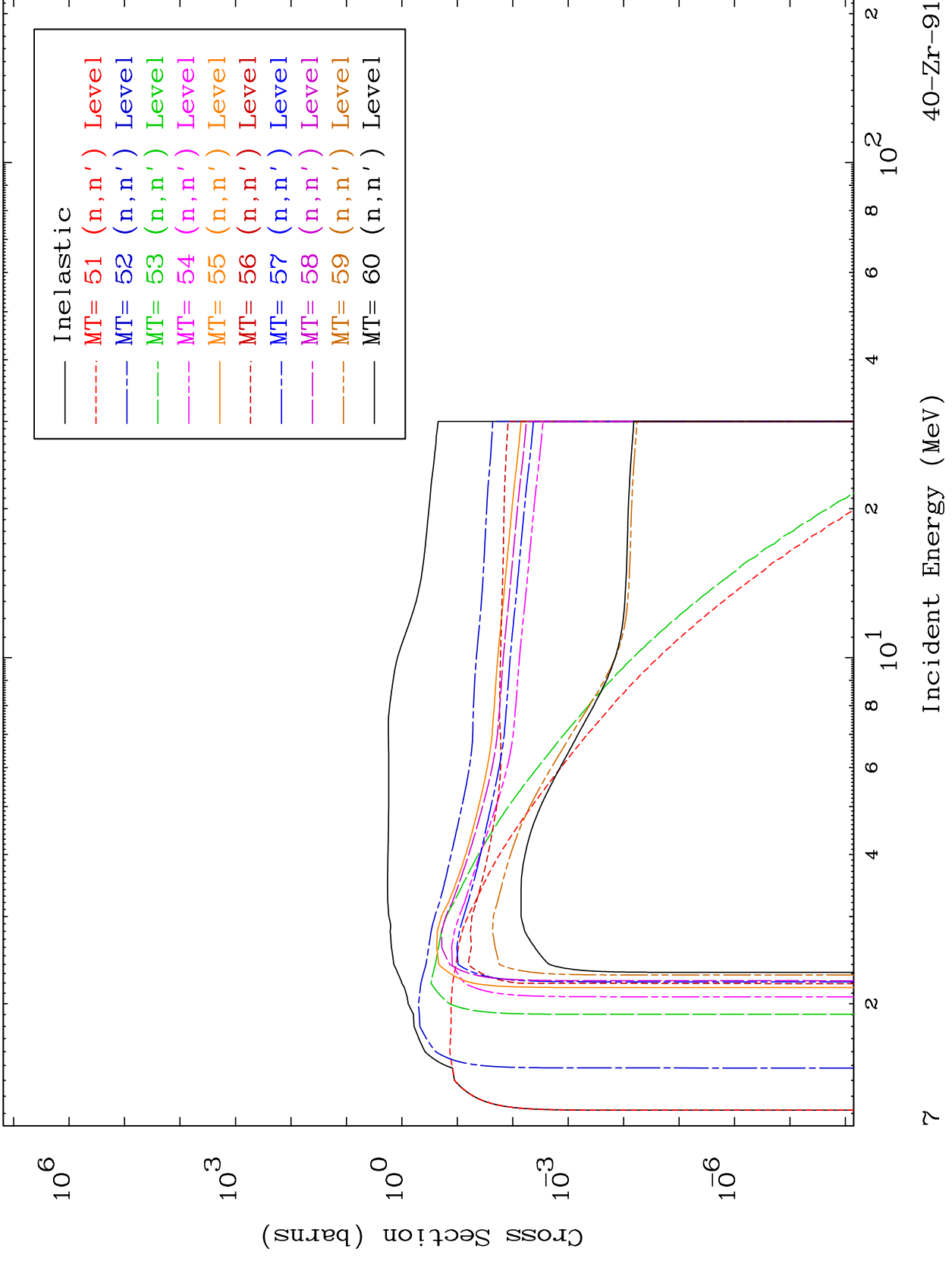
MAT 4028

Particle Production
293 Kelvin Cross Sections

40-Zr-91



293 Kelvin Cross Sections

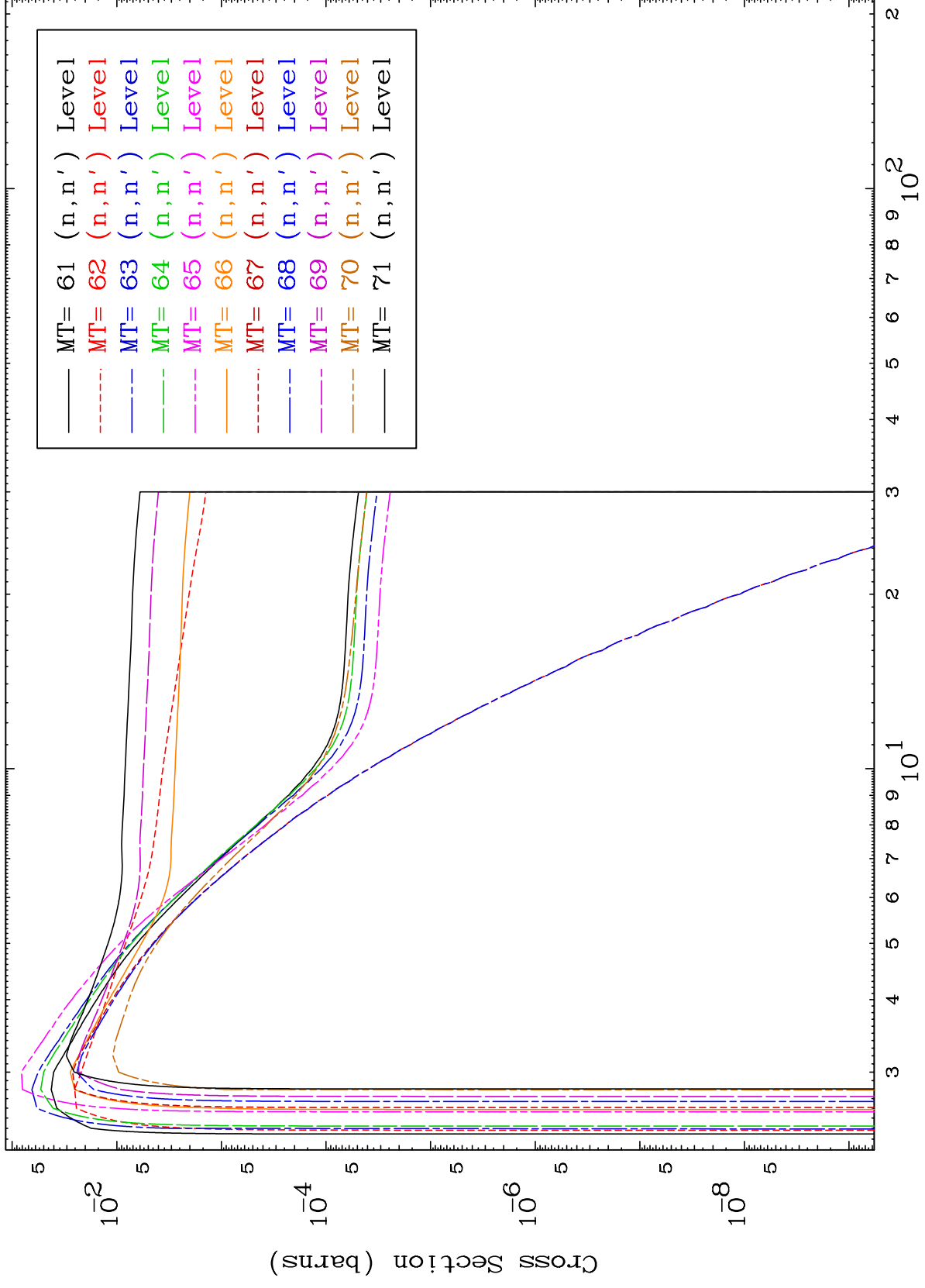


MAT 4028

(n,n') Level

40-Zr-91

293 Kelvin Cross Sections



8

Incident Energy (MeV)

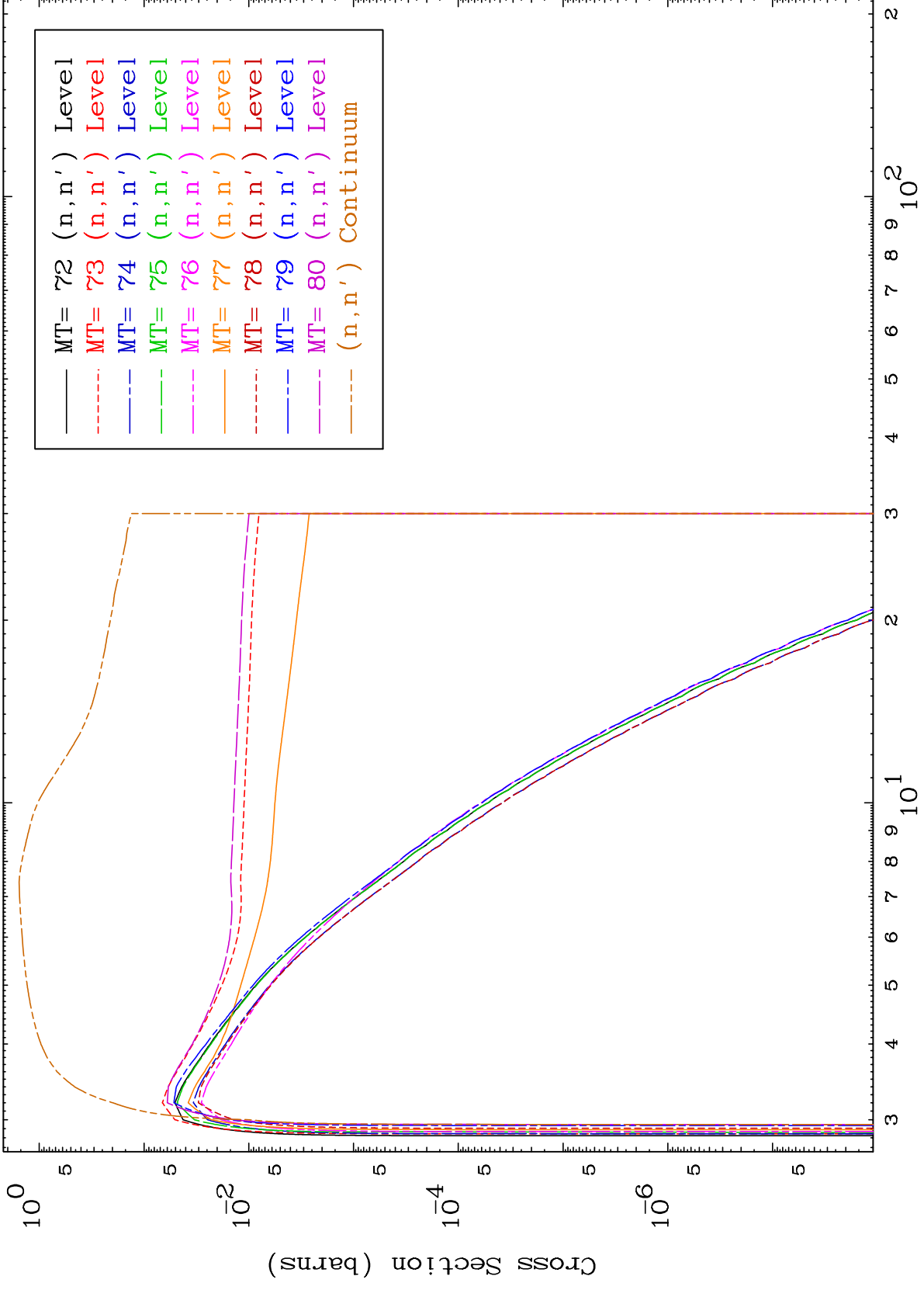
40-Zr-91

MAT 4028

(n,n') Level

40-Zr-91

293 Kelvins Cross Sections



9

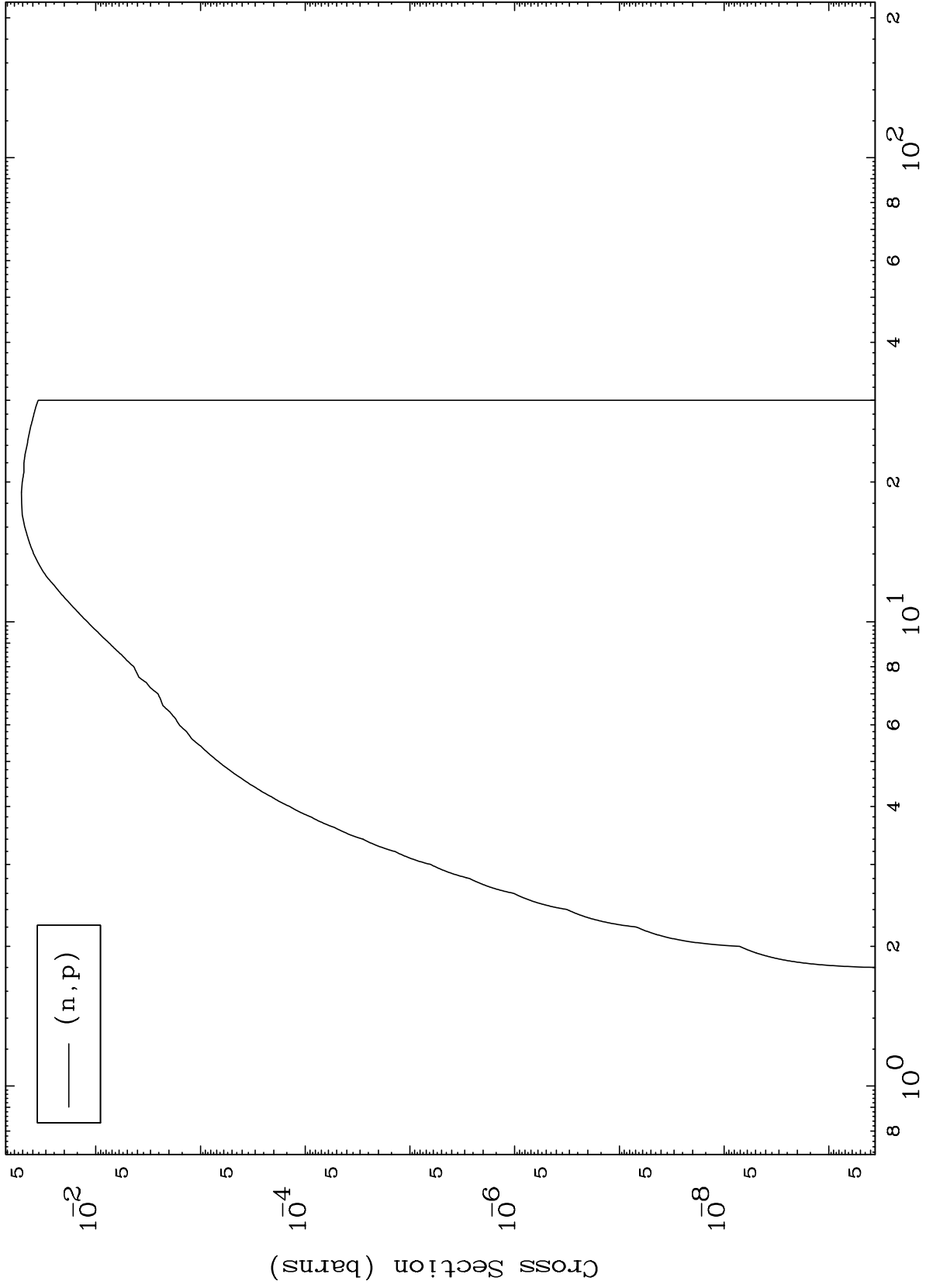
Incident Energy (MeV)

40-Zr-91

MAT 4028

(n,p) Levels
293 Kelvin Cross Sections

40-Zr-91



10

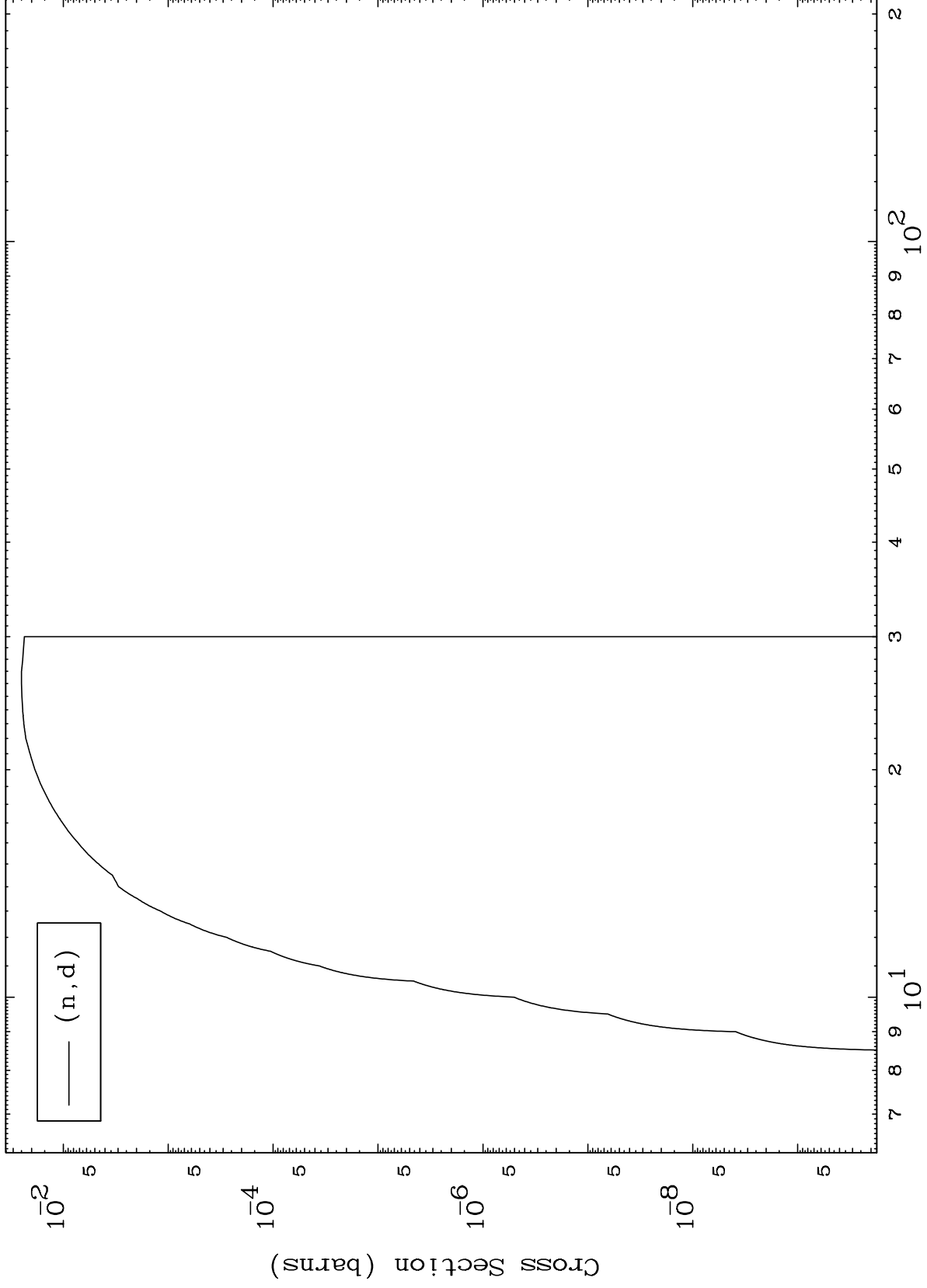
Incident Energy (MeV)

40-Zr-91

MAT 4028

(n,d) Levels
293 Kelvin Cross Sections

40-Zr-91



11

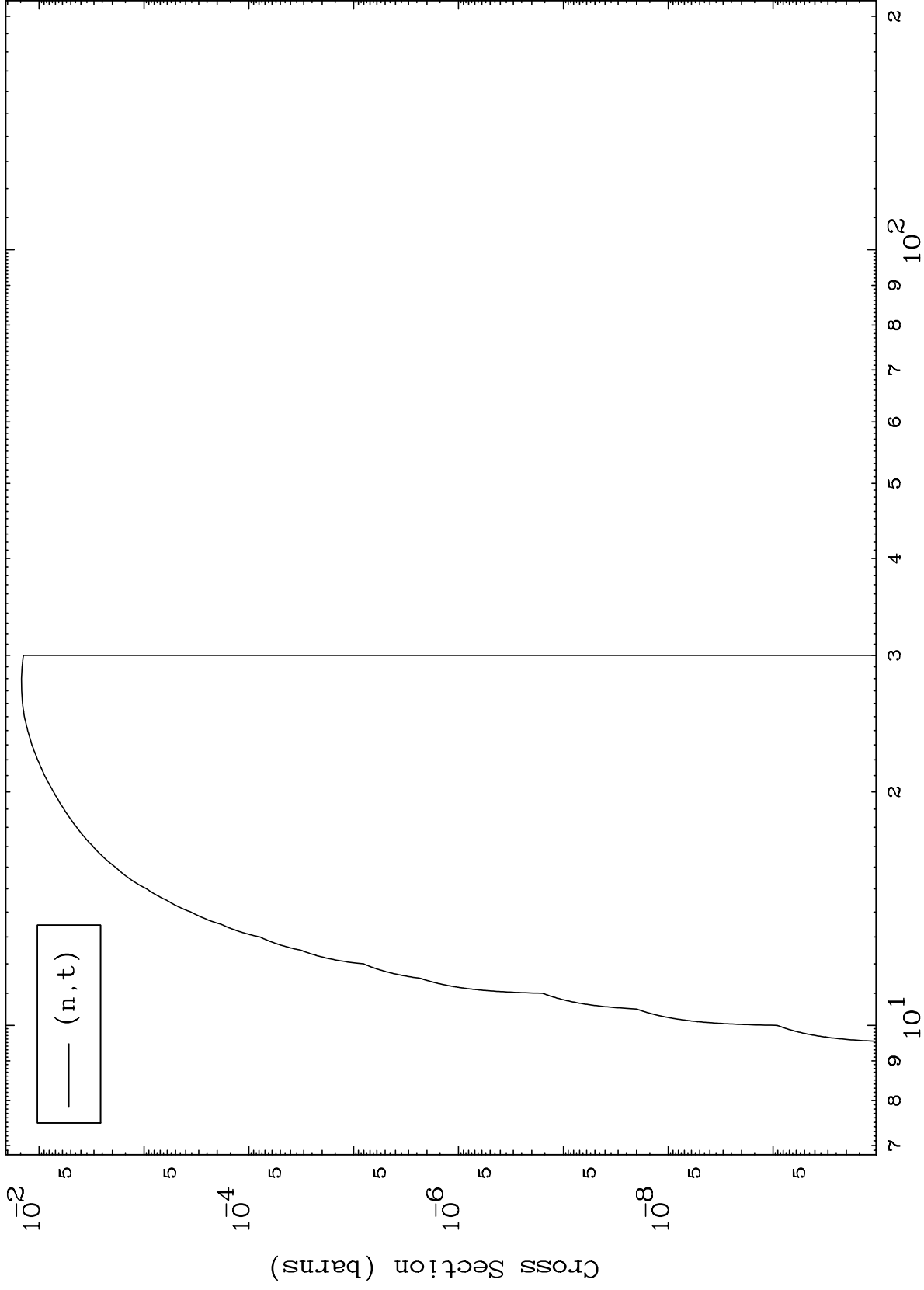
Incident Energy (MeV)

40-Zr-91

MAT 4028

(n,t) Levels
293 Kelvin Cross Sections

40-Zr-91



12

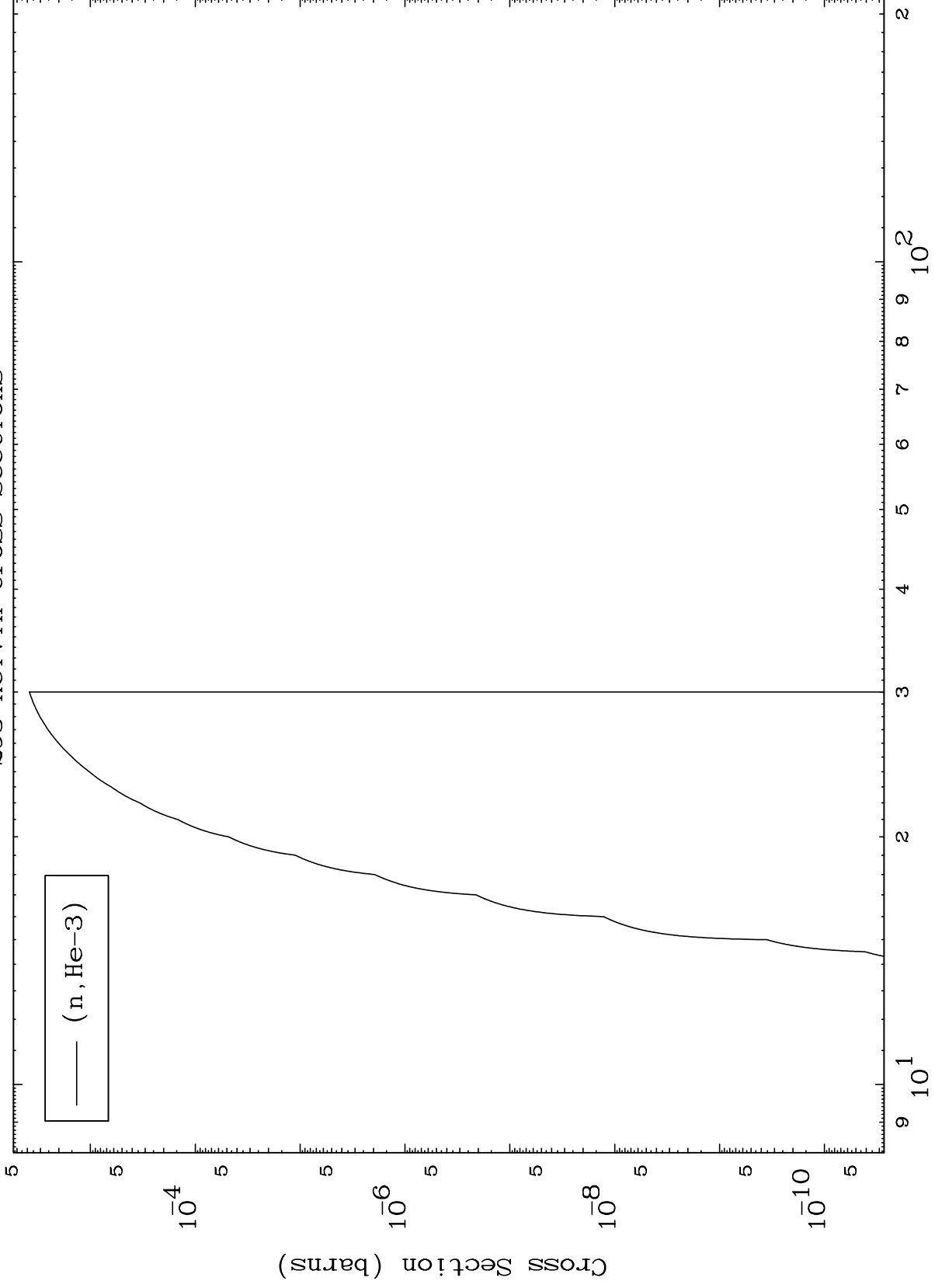
Incident Energy (MeV)

40-Zr-91

MAT 4028

(n,He3) Levels
293 Kelvin Cross Sections

40-Zr-91



13

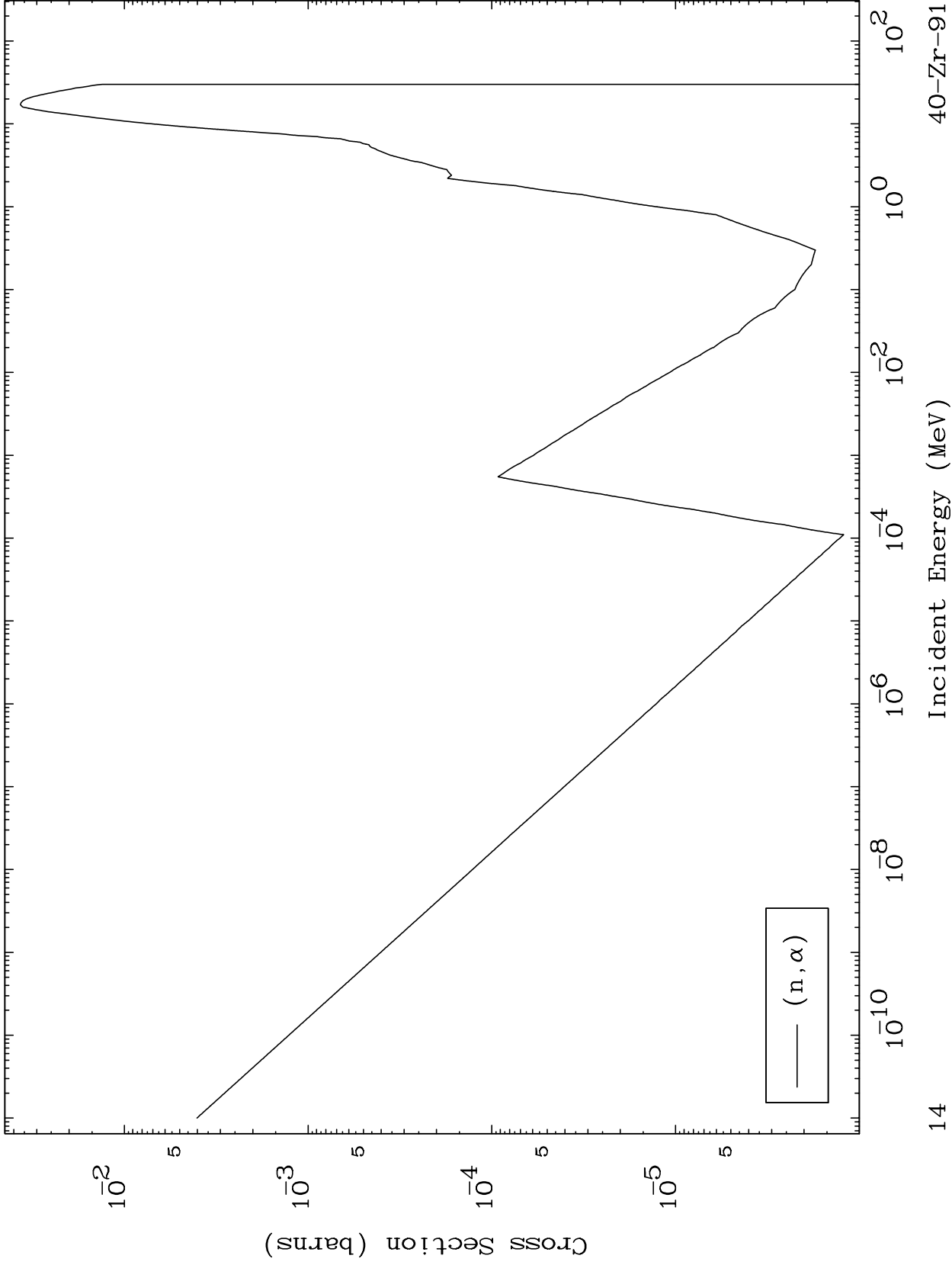
Incident Energy (MeV)

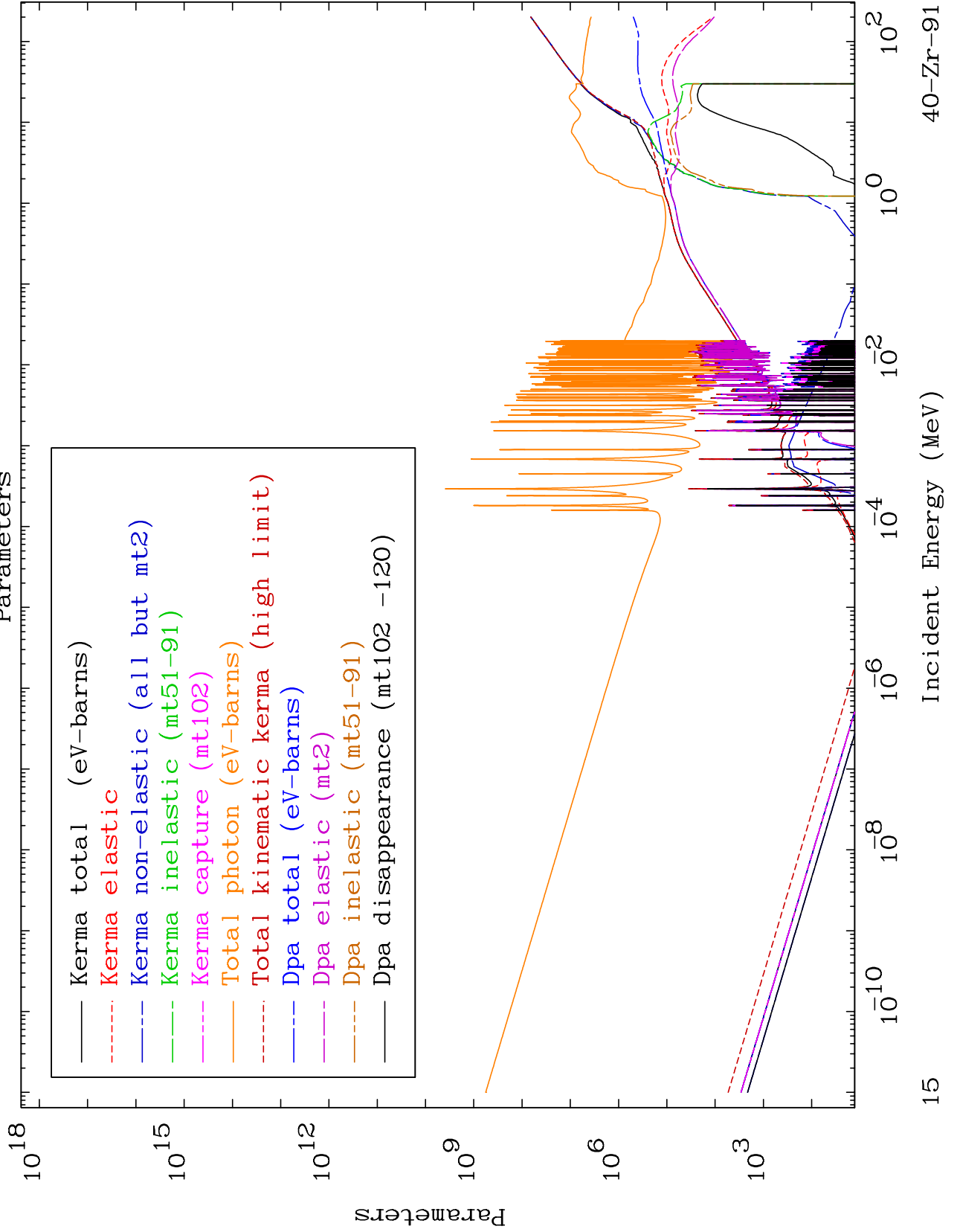
40-Zr-91

MAT 4028

(n,α) Levels
293 Kelvin Cross Sections

40-Zr-91

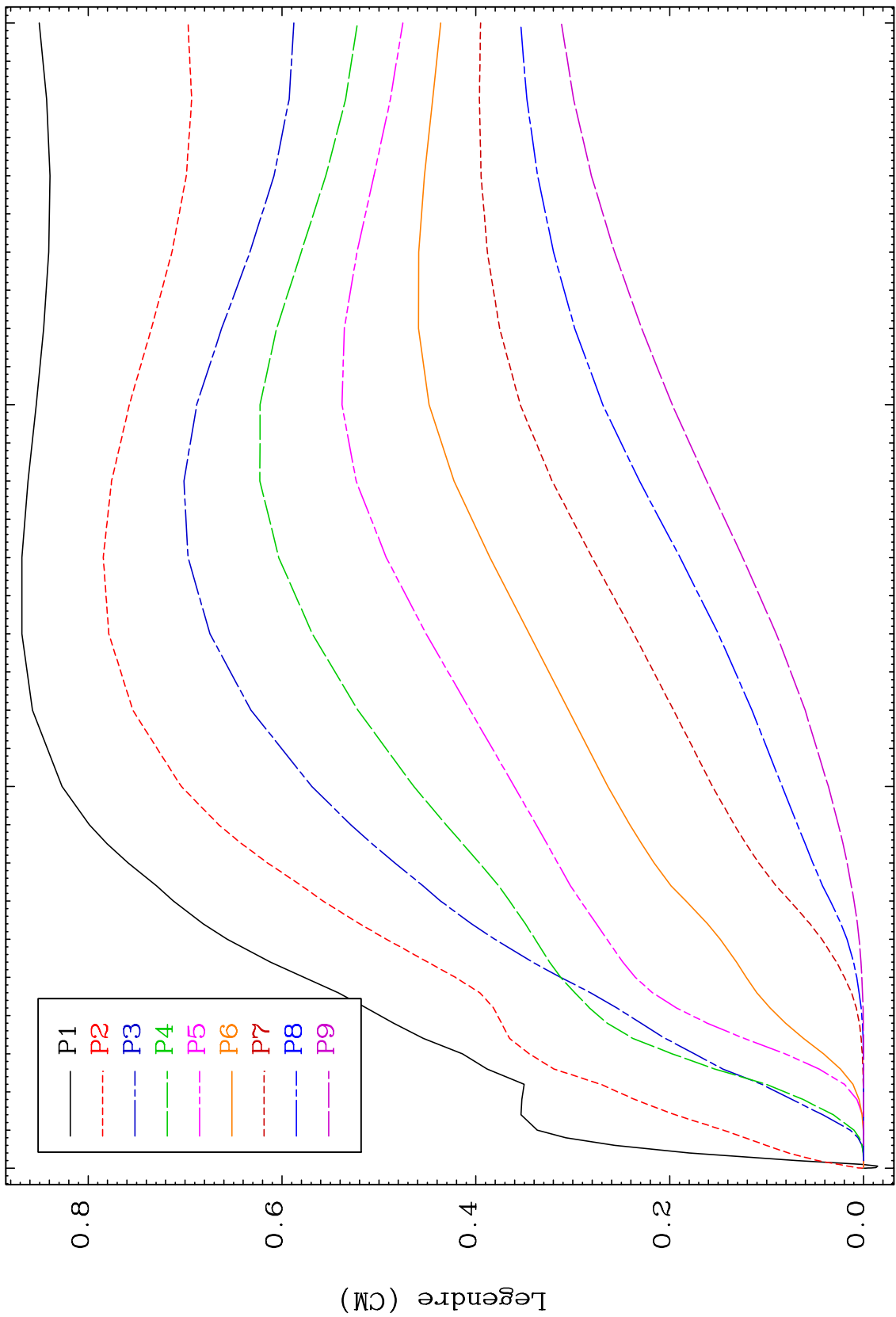




MAT 4028

Elastic Legendre Coefficients

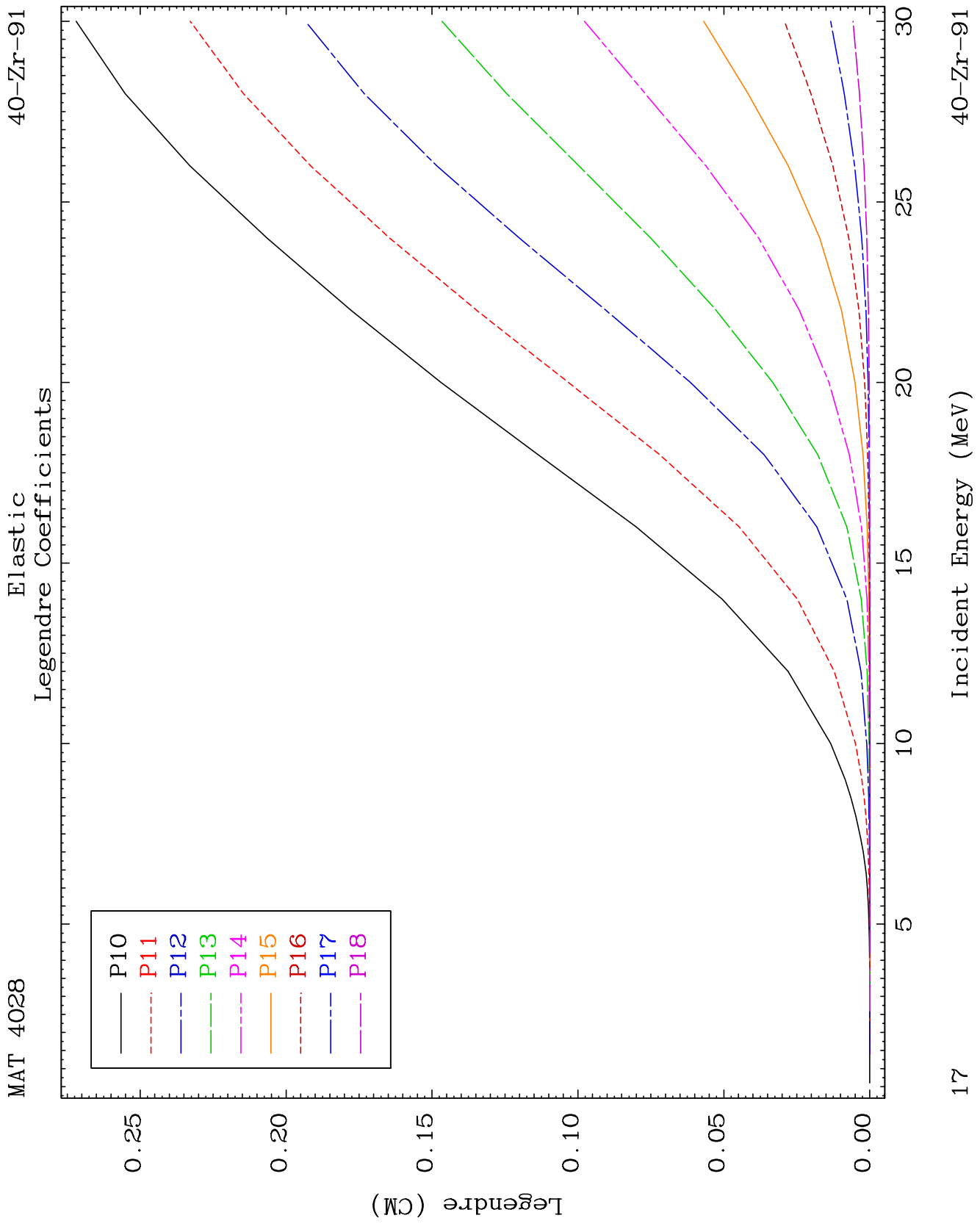
40-Zr-91



16

Incident Energy (MeV)

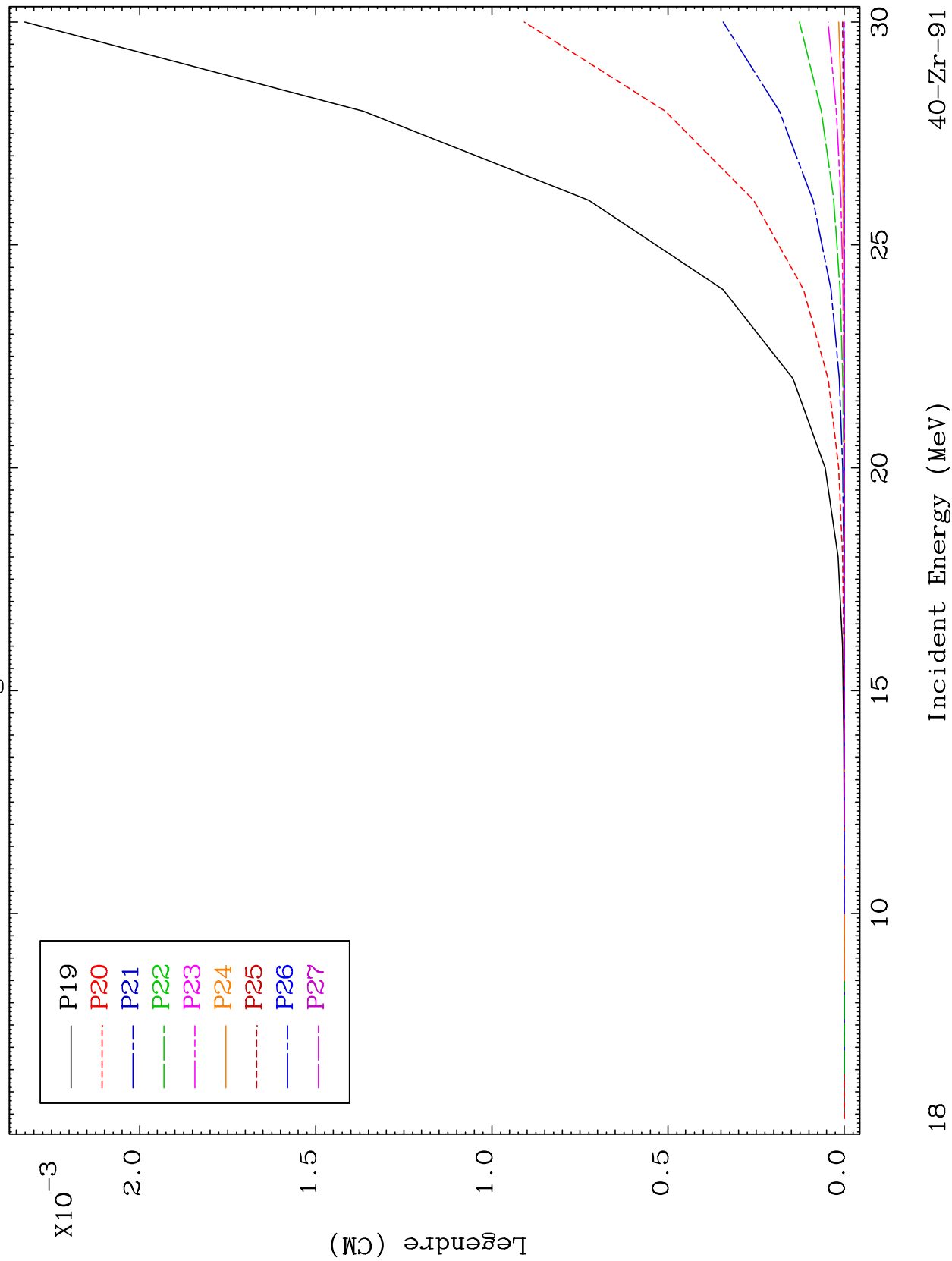
40-Zr-91



MAT 4028

Elastic
Legendre Coefficients

40-Zr-91



18

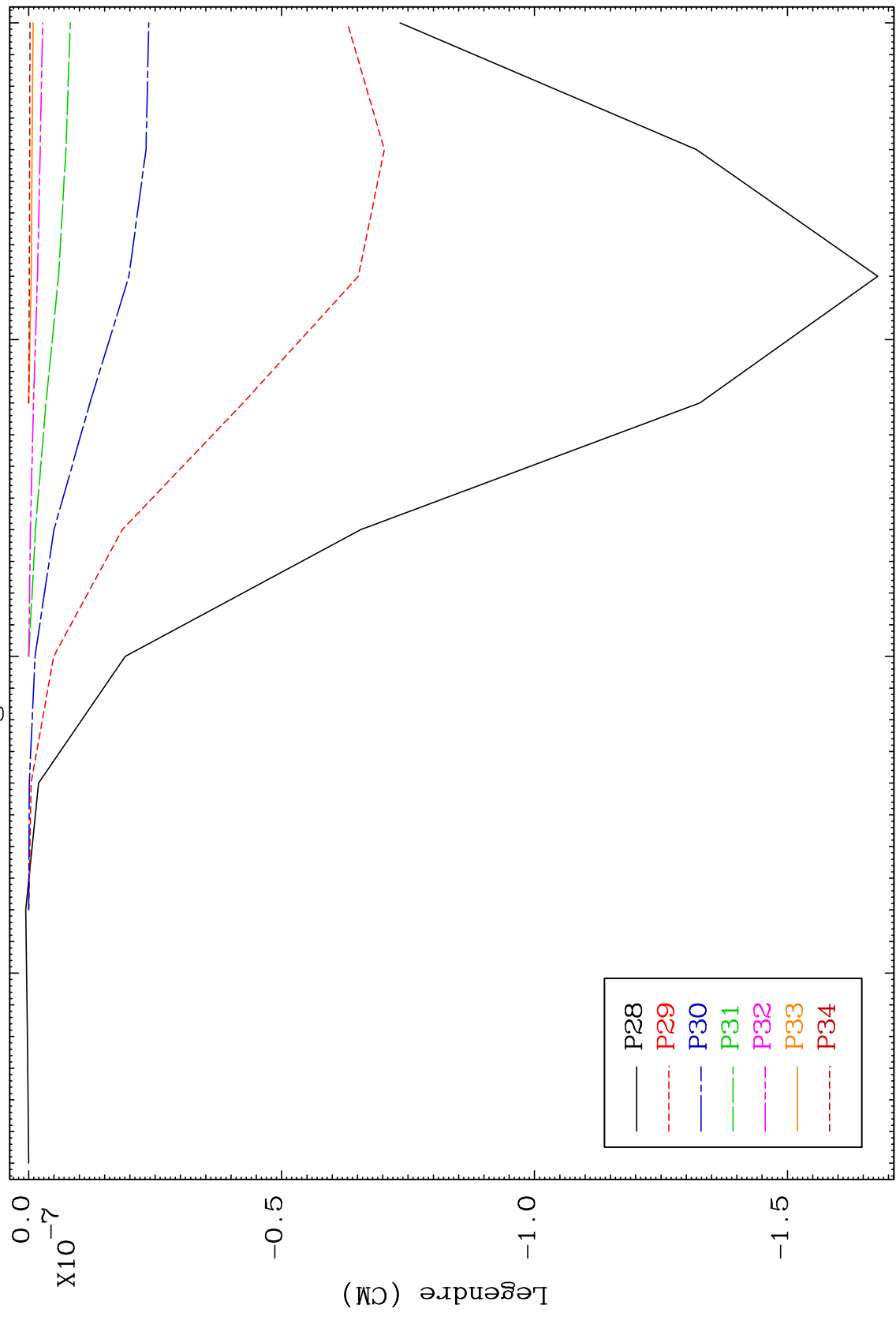
Incident Energy (MeV)

40-Zr-91

MAT 4028

40-Zr-91

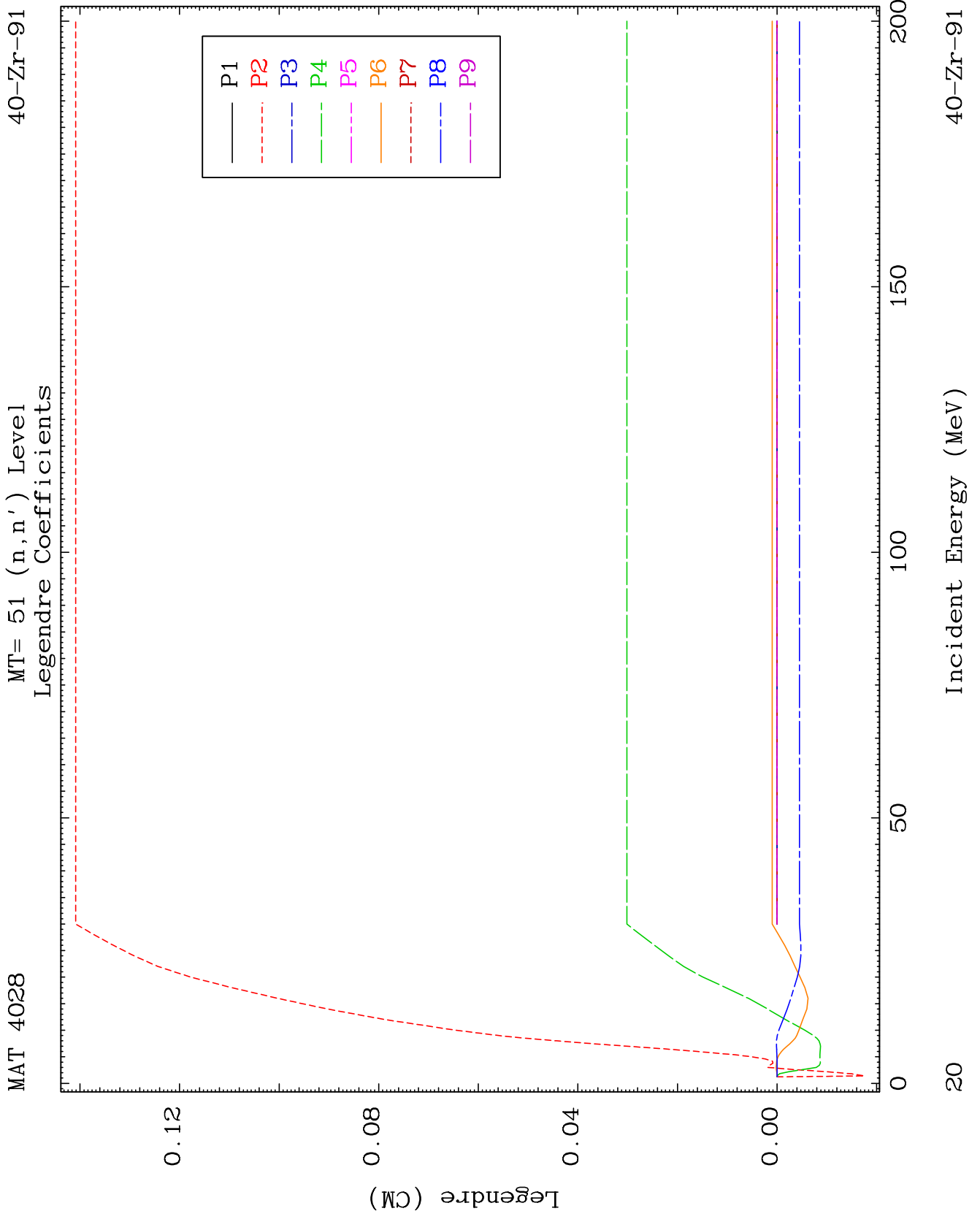
Elastic Legendre Coefficients

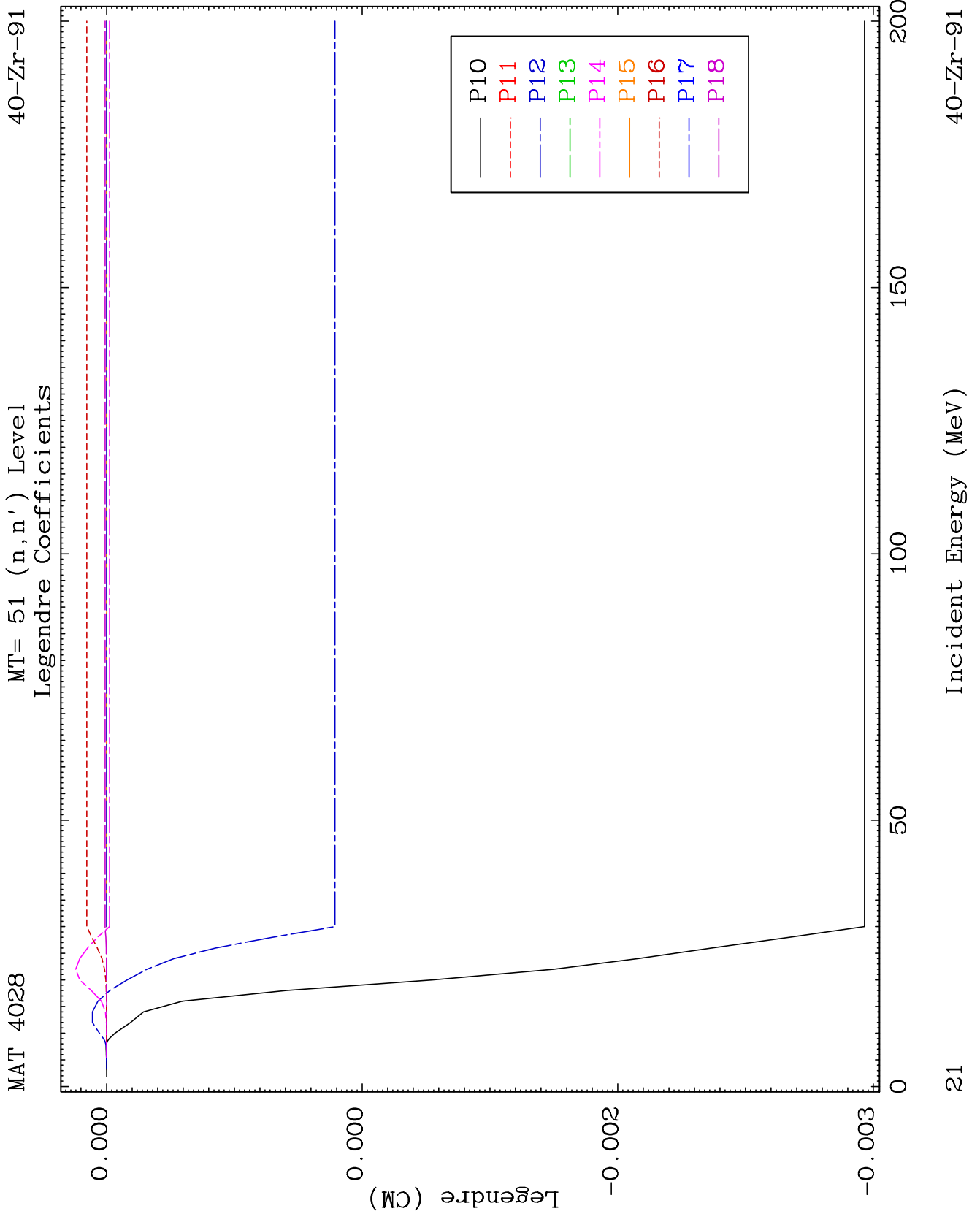


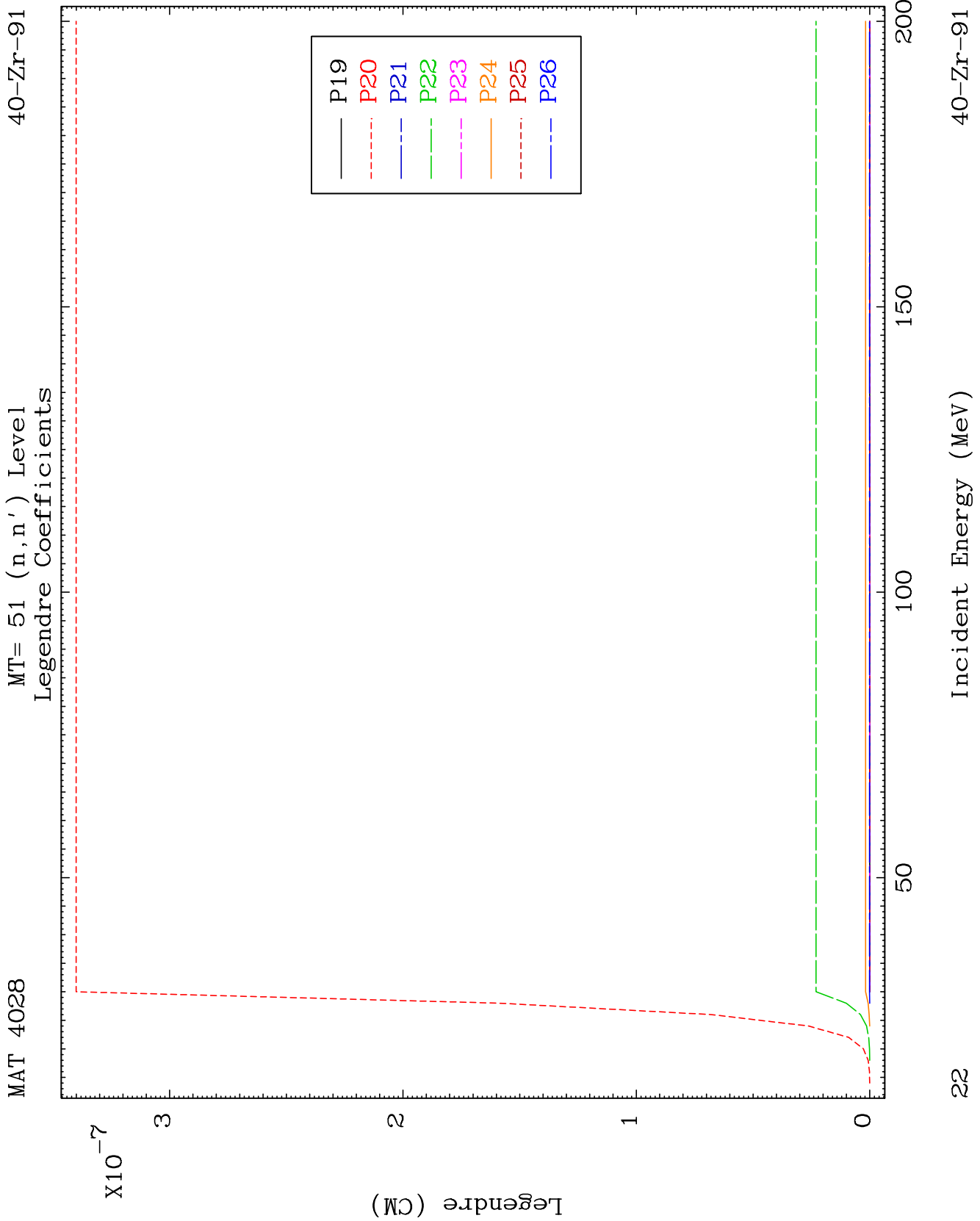
19

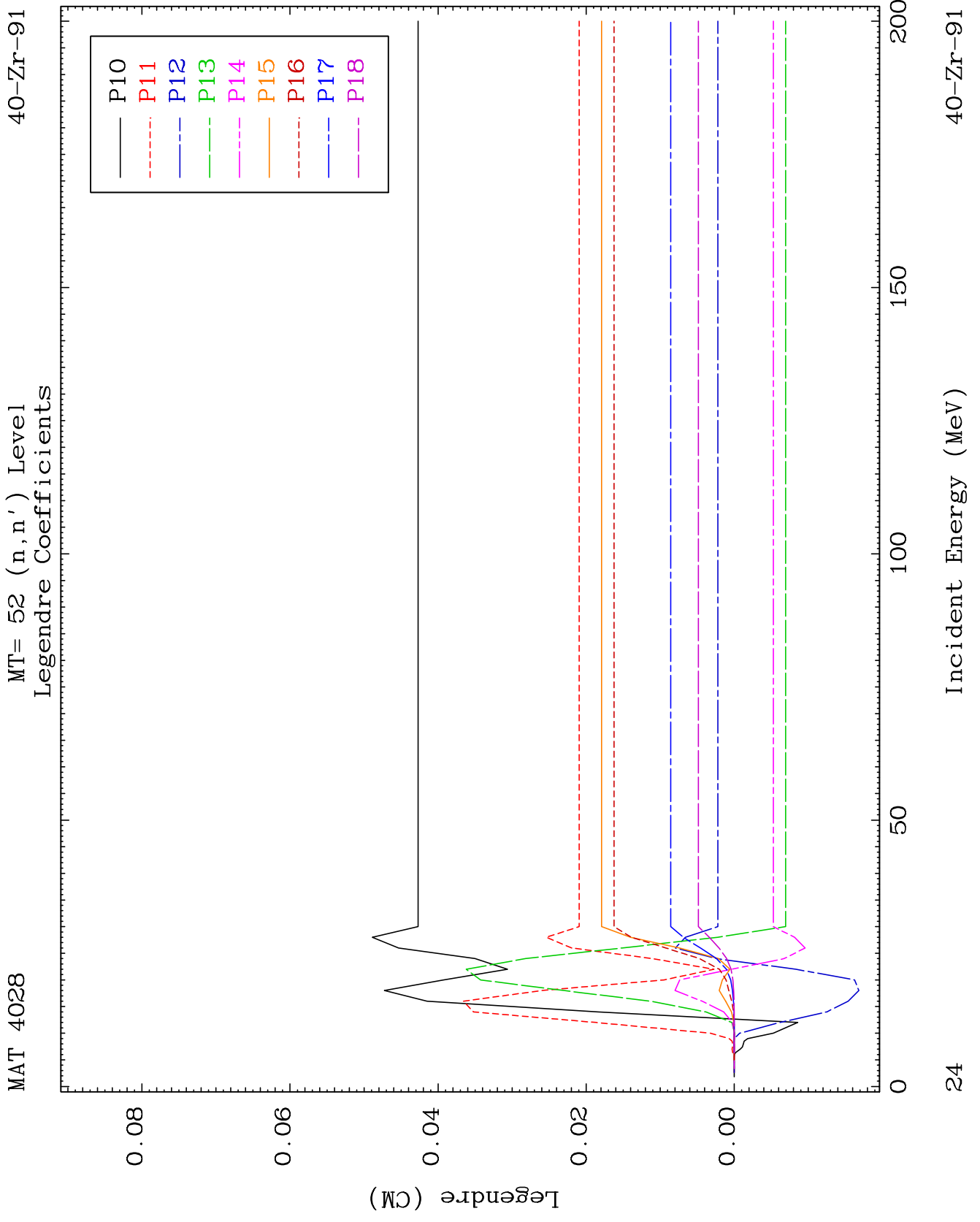
Incident Energy (MeV)

40-Zr-91





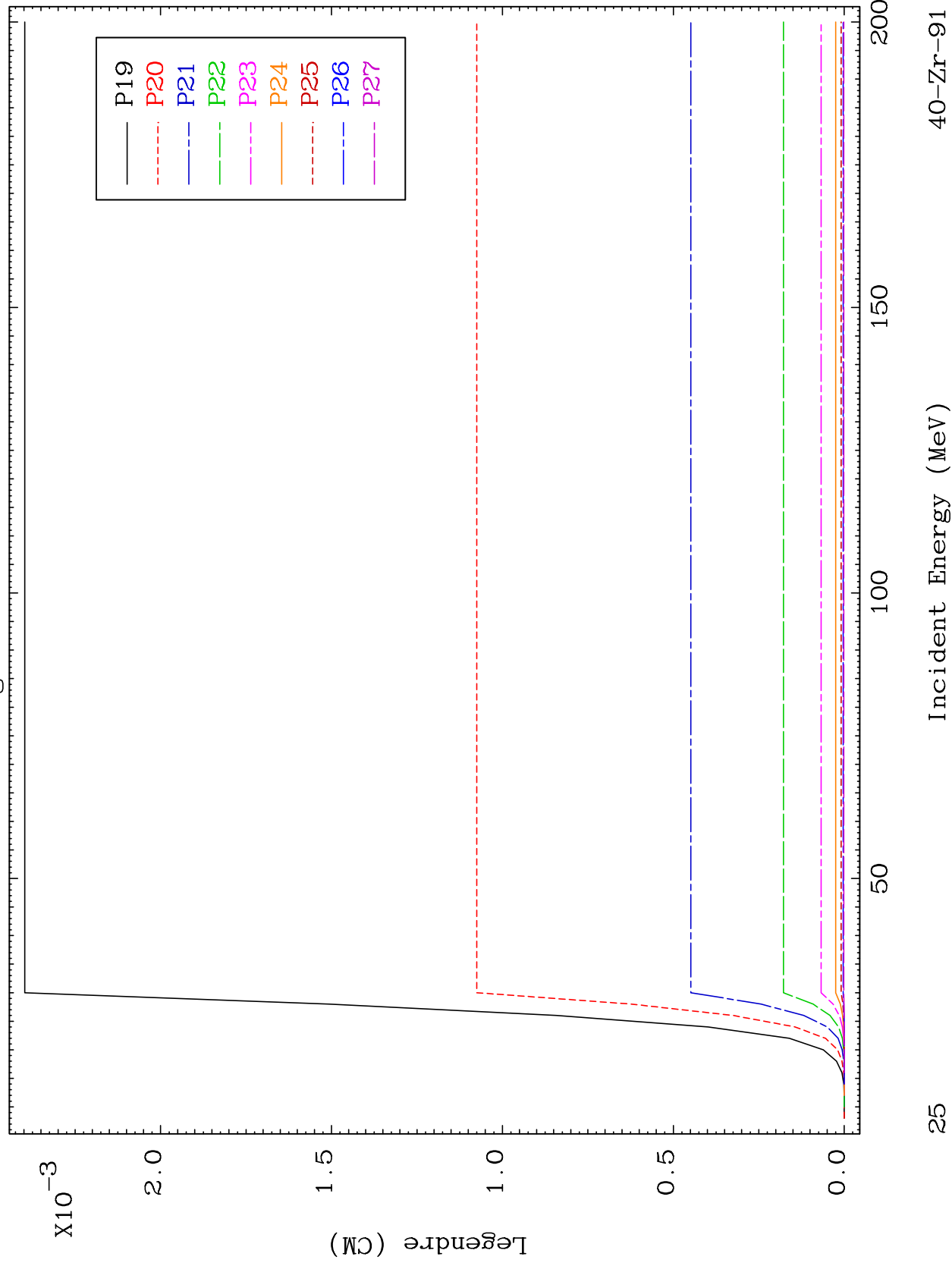




MAT 4028

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

40-Zr-91



25

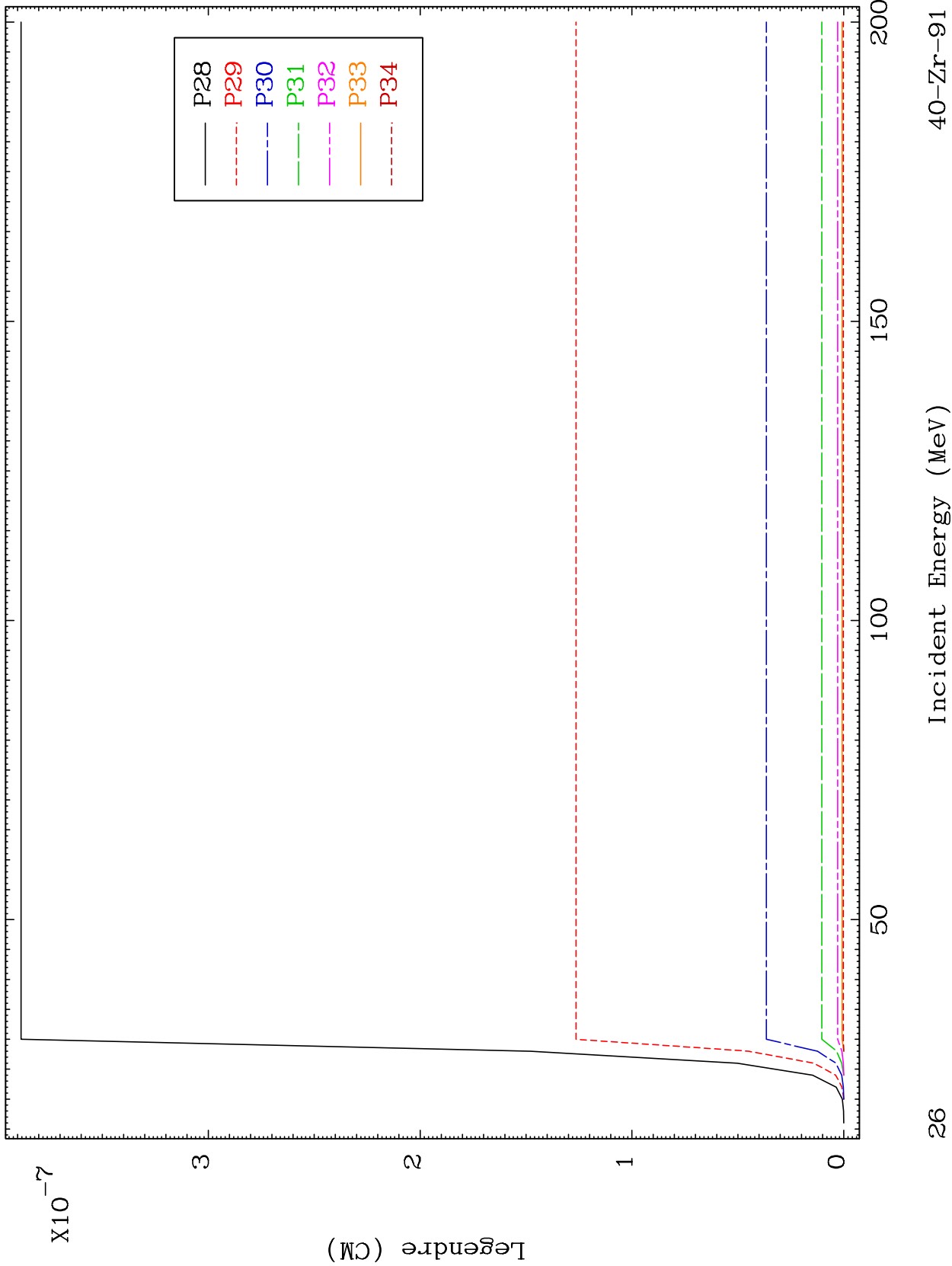
Incident Energy (MeV)

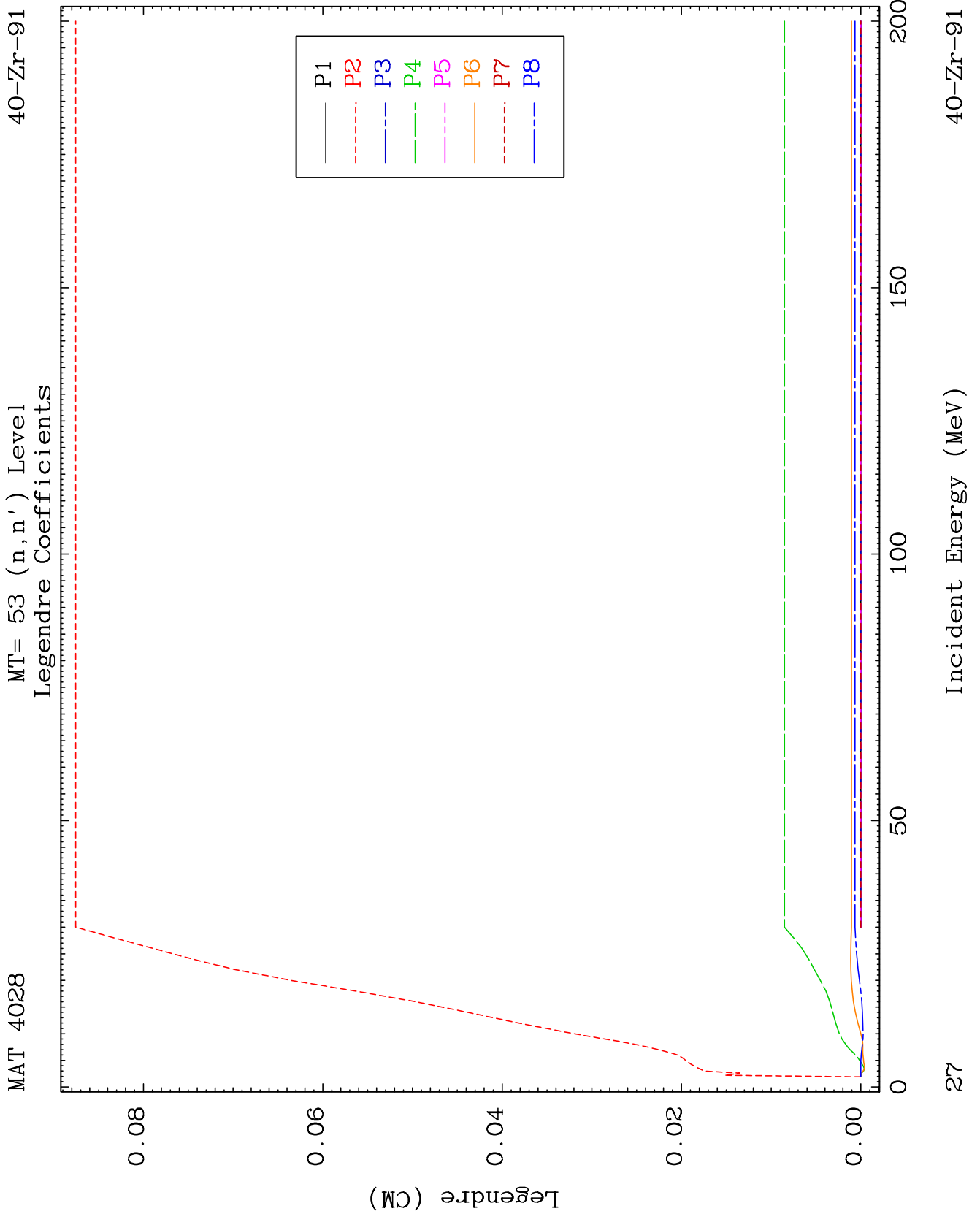
40-Zr-91

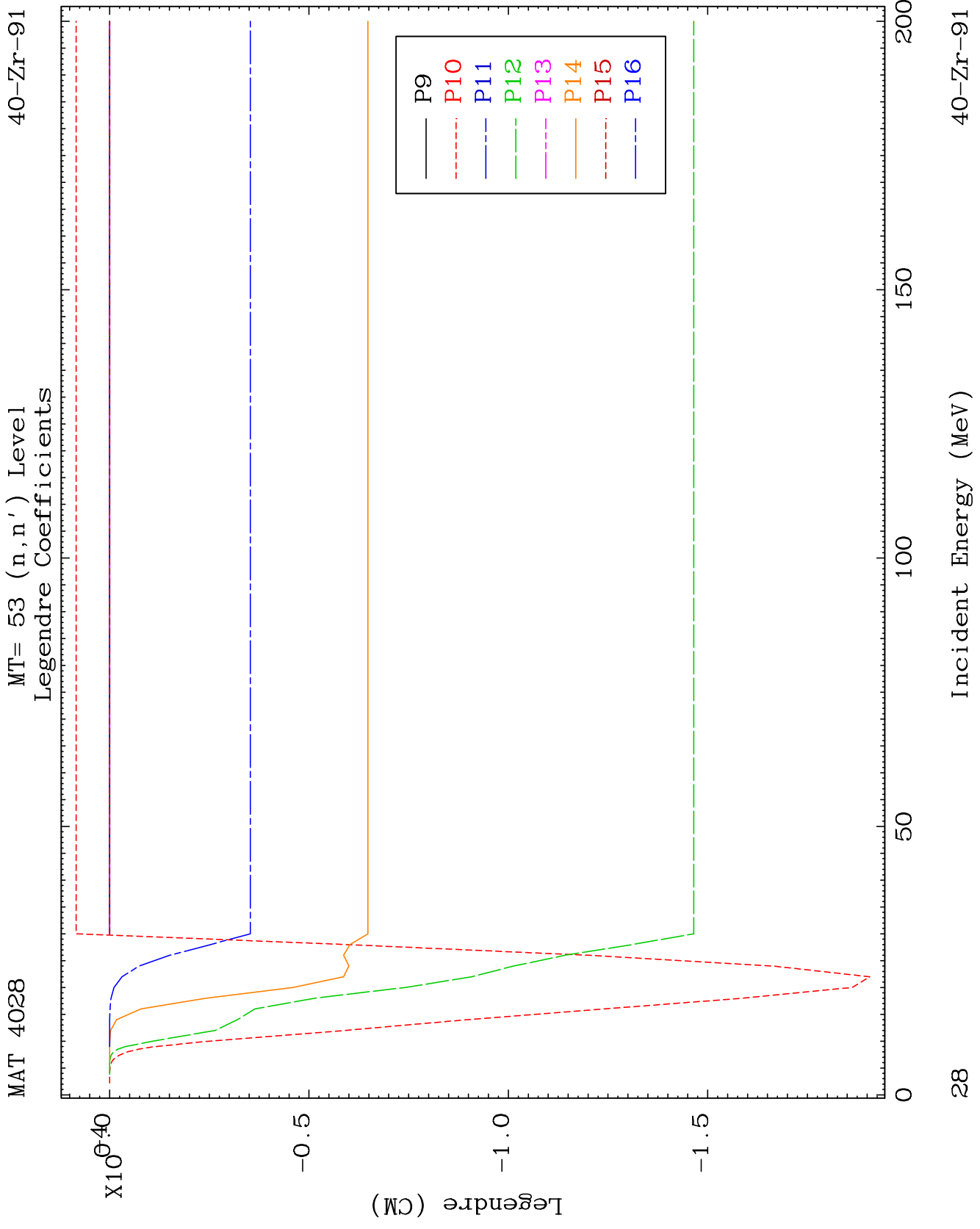
MAT 4028

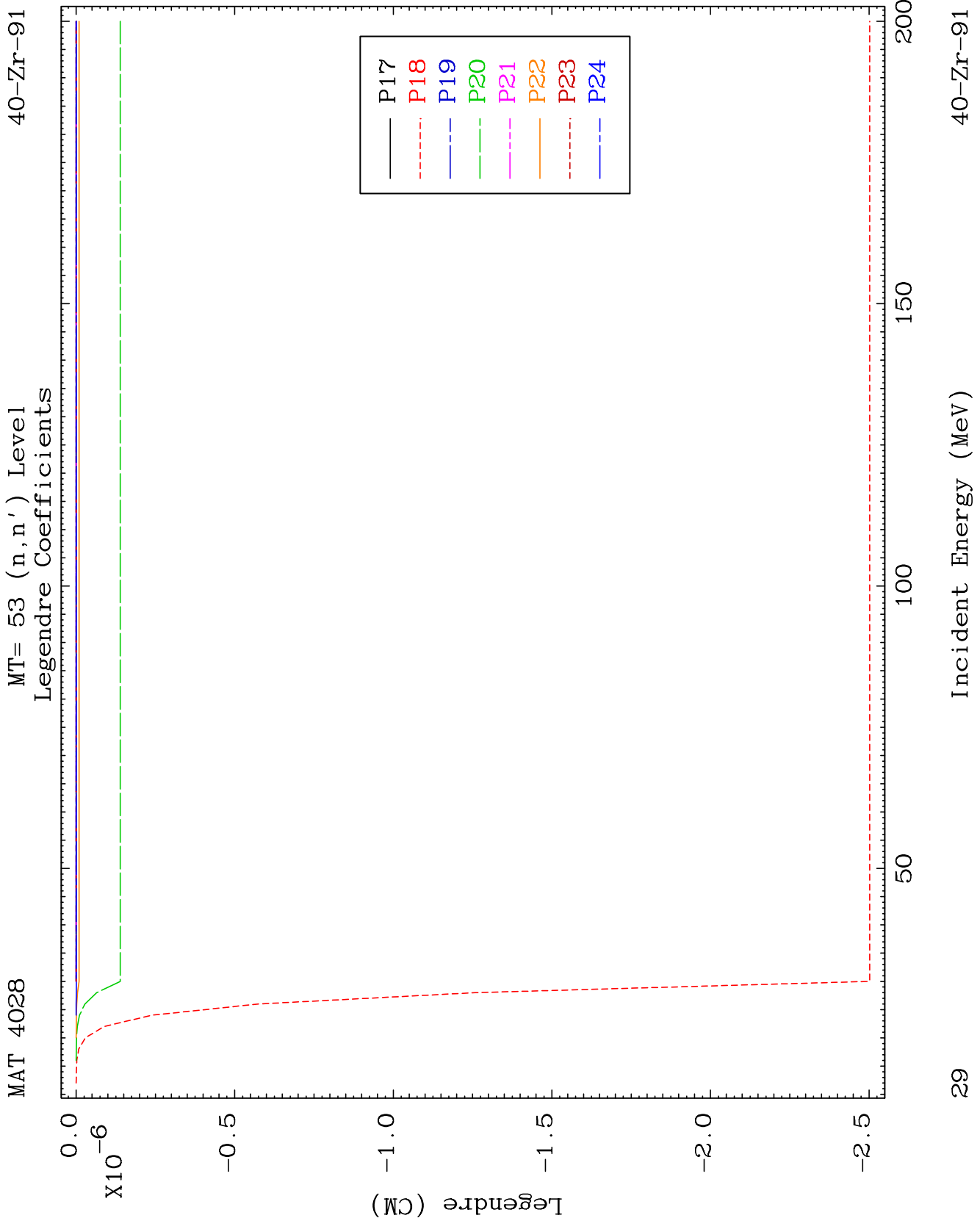
MT= 52 (n,n') Level
Legendre Coefficients

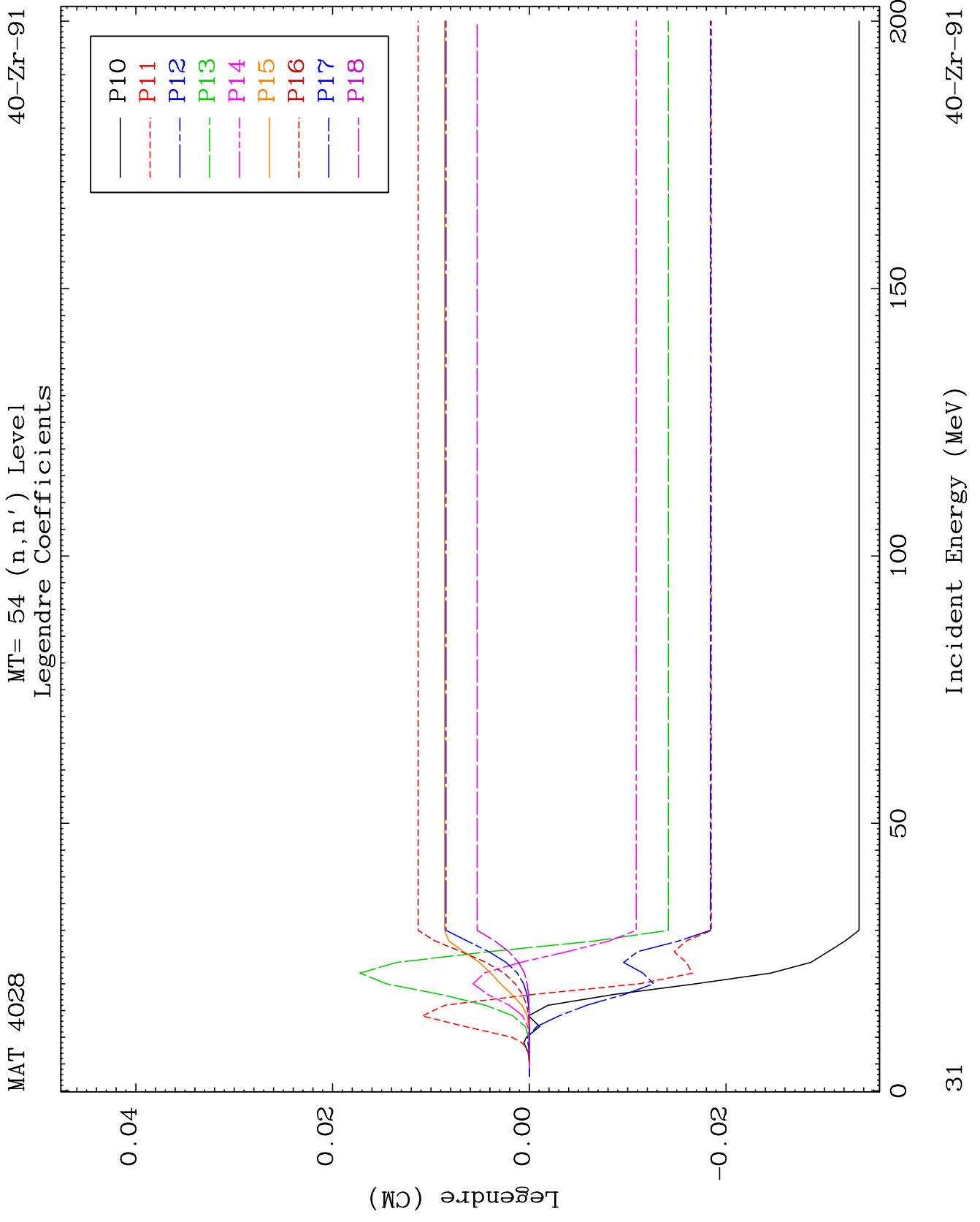
40-Zr-91







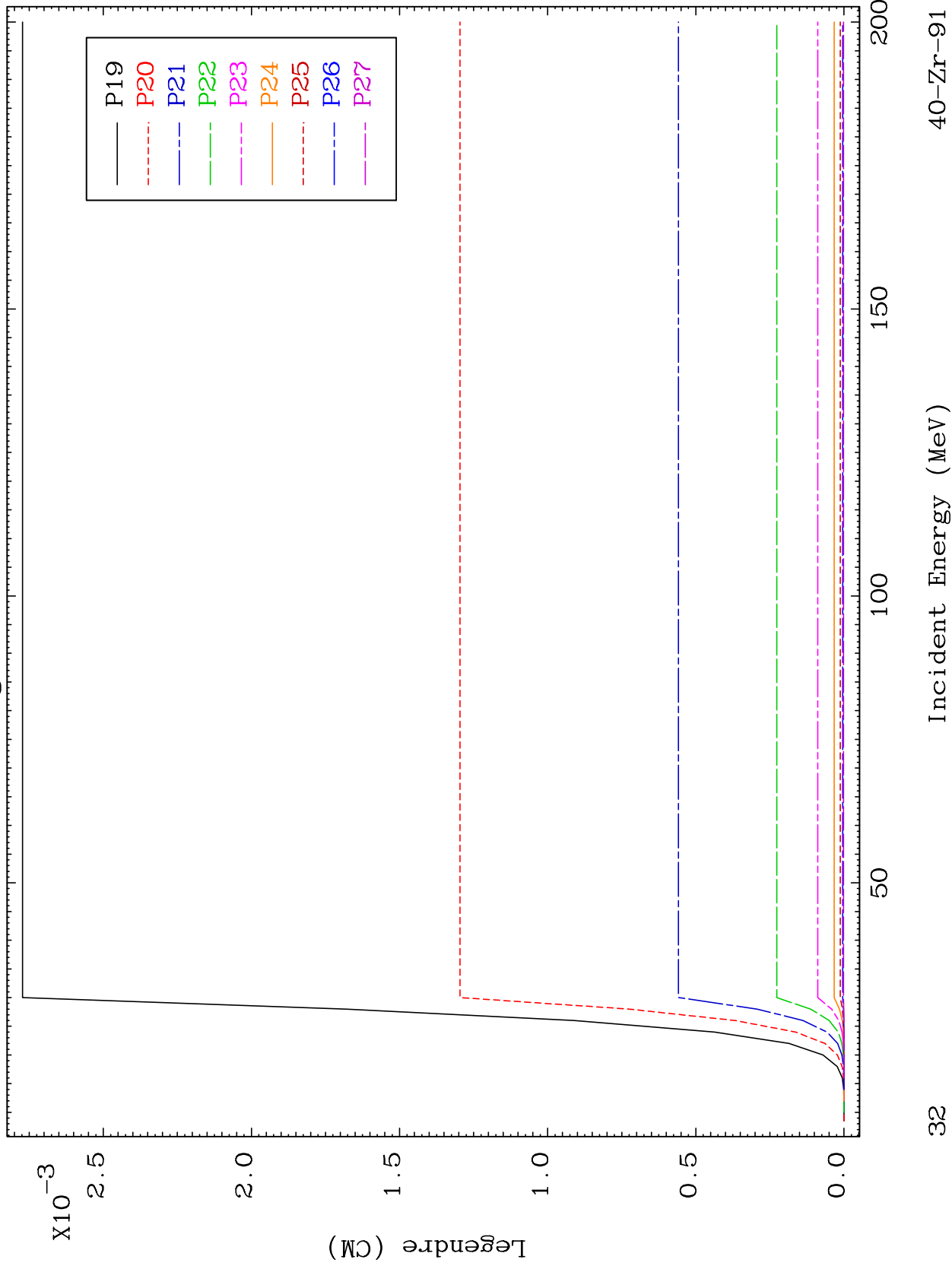




MAT 4028

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

40-Zr-91



32

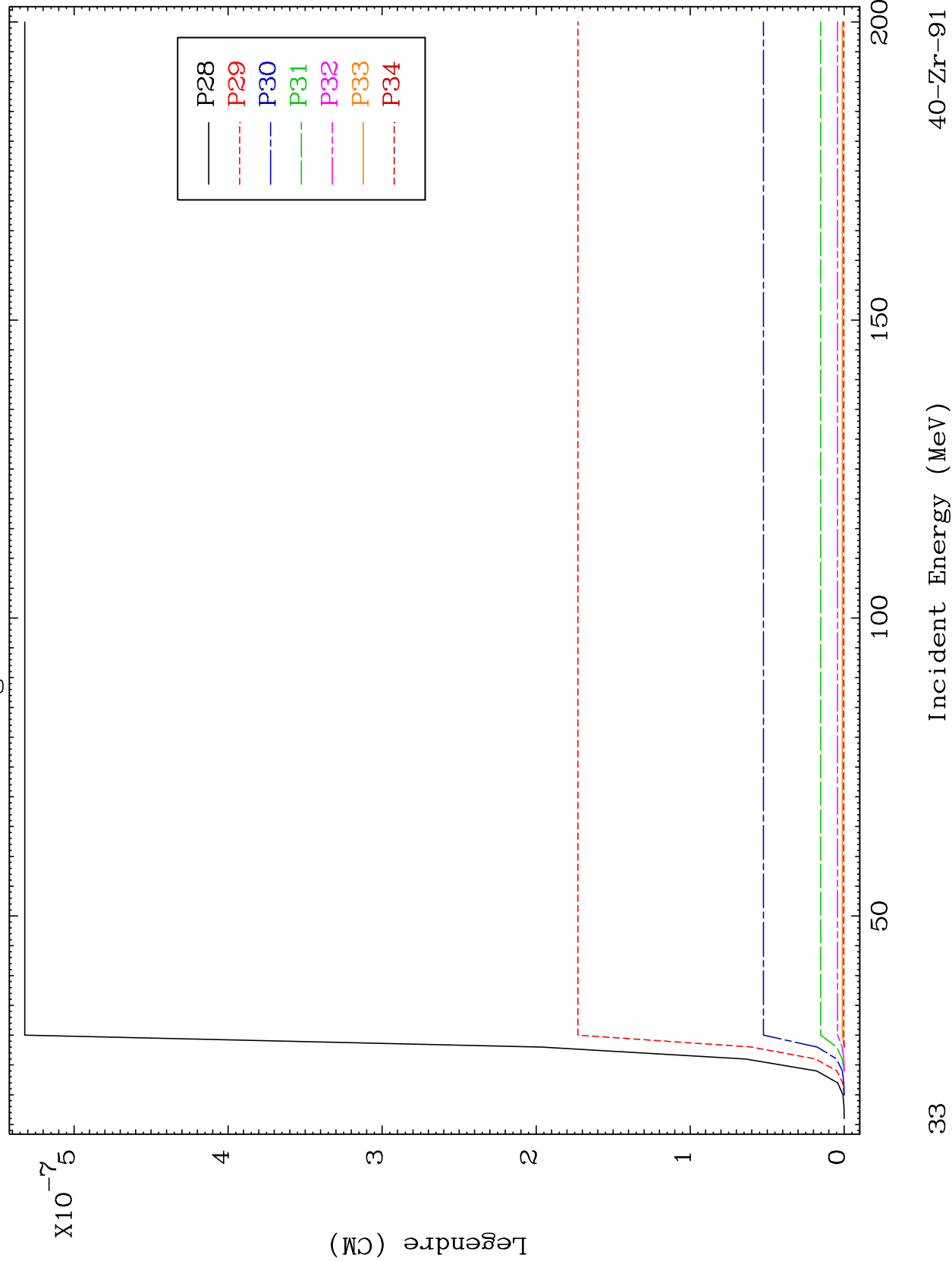
Incident Energy (MeV)

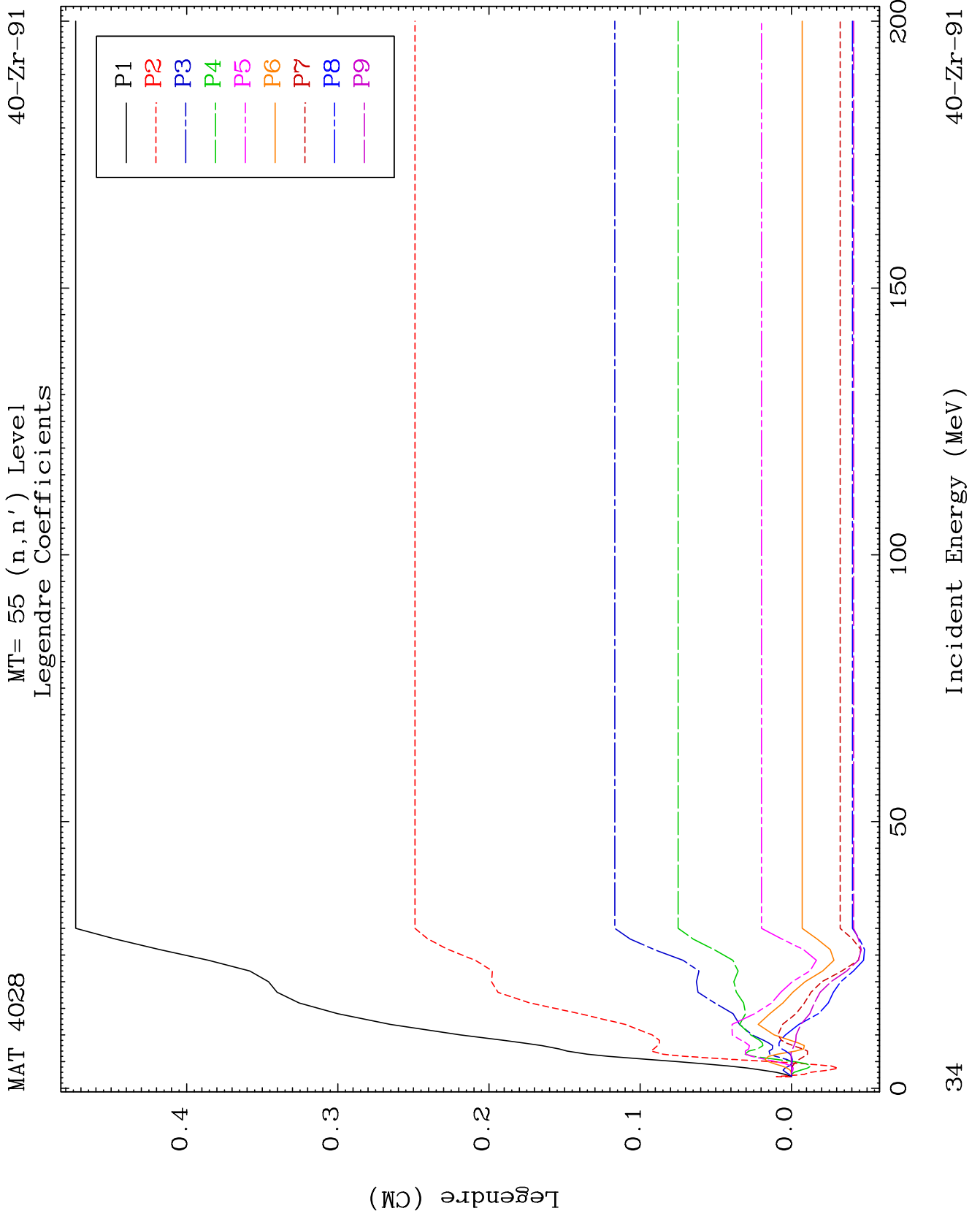
40-Zr-91

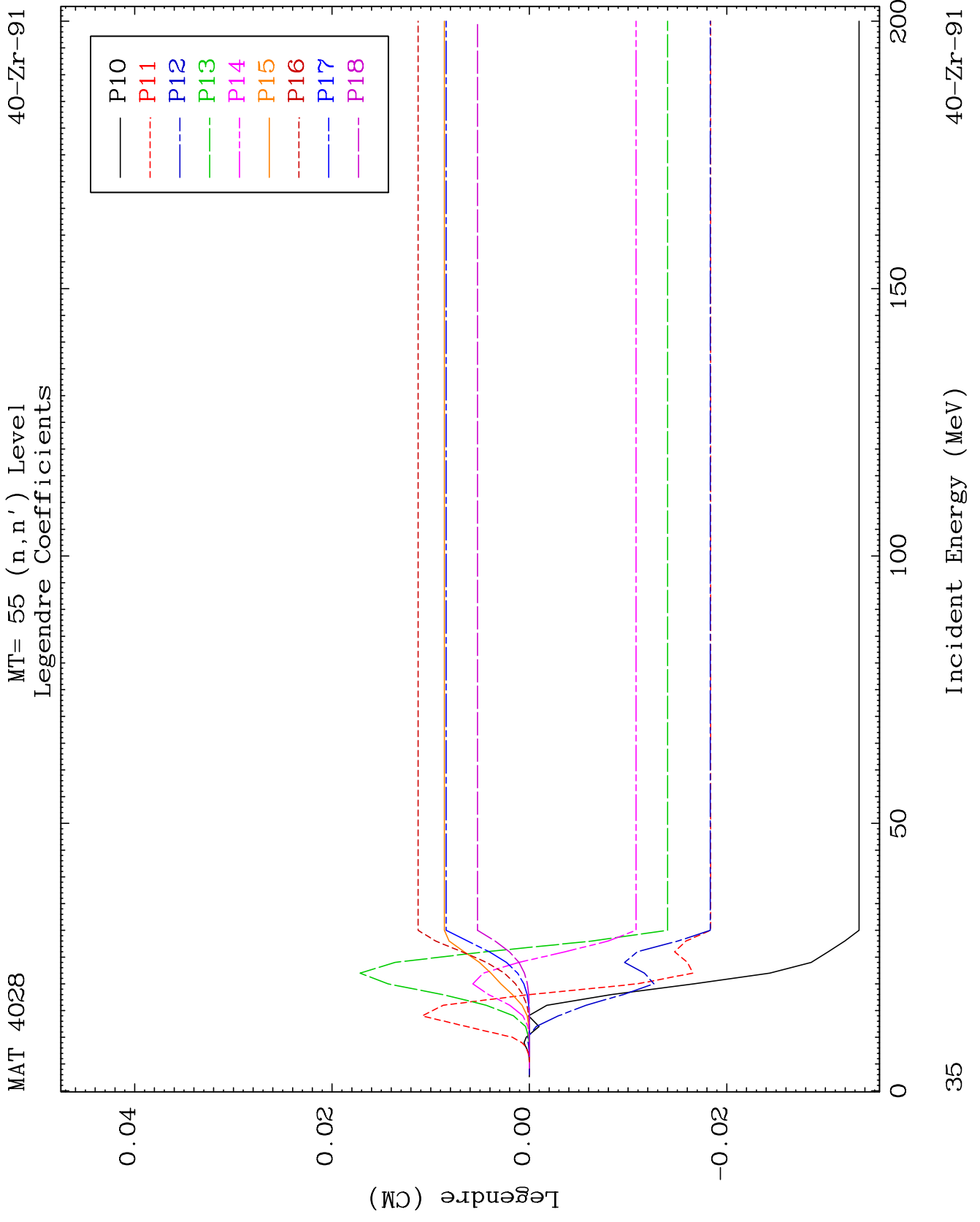
MAT 4028

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

40-Zr-91



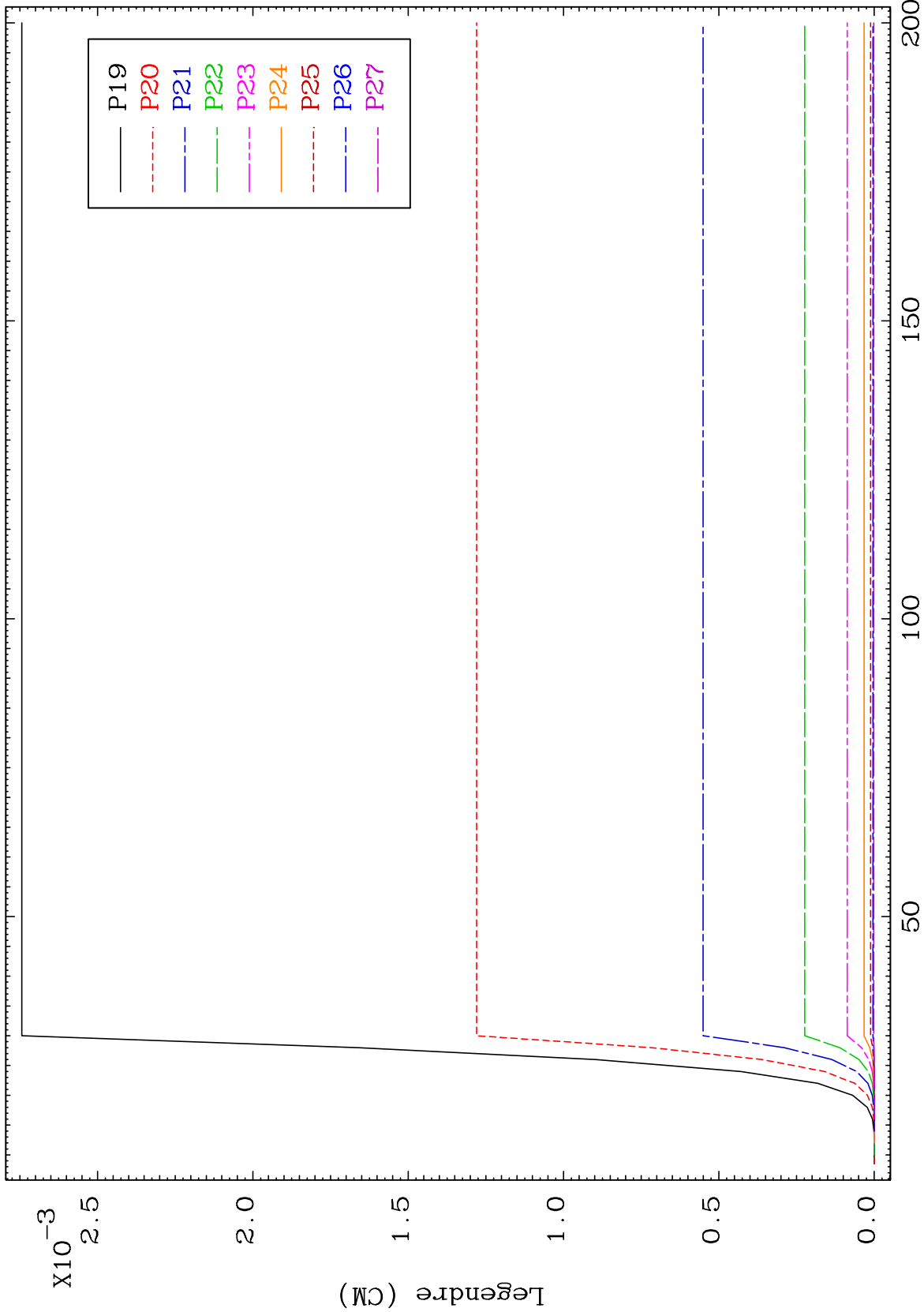




MAT 4028

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

40-Zr-91



36

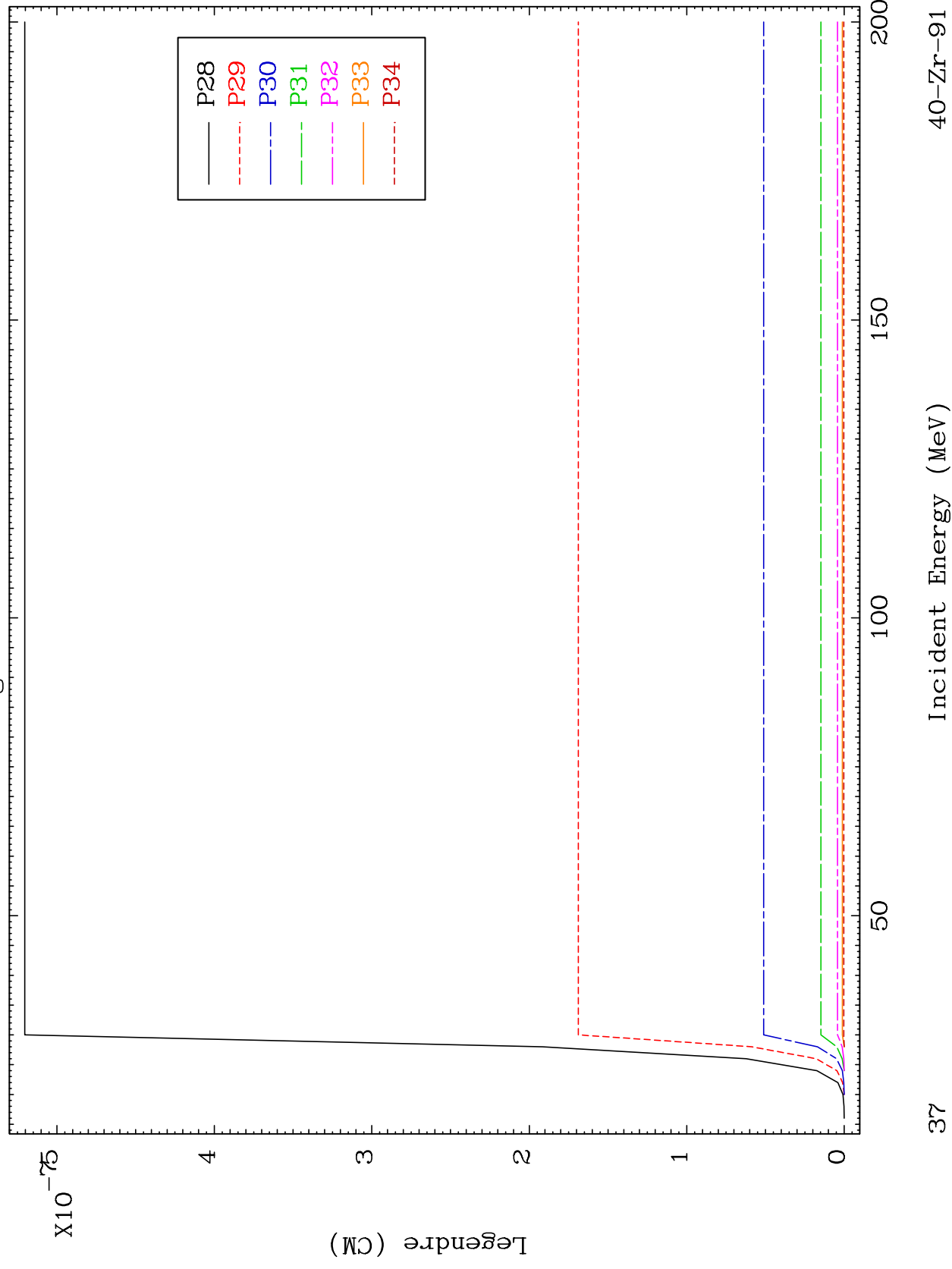
Incident Energy (MeV)

40-Zr-91

MAT 4028

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

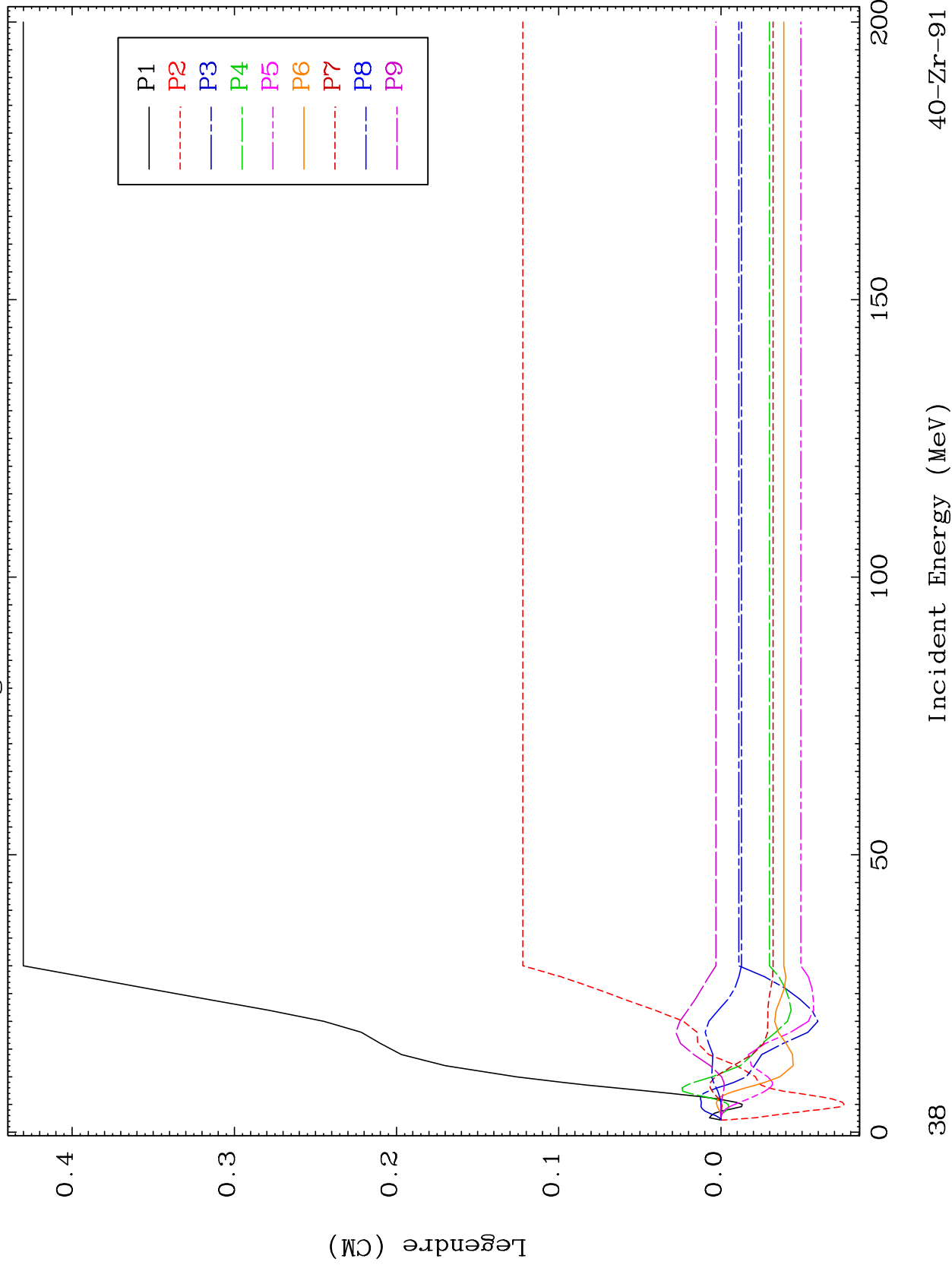
40-Zr-91



MAT 4028

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

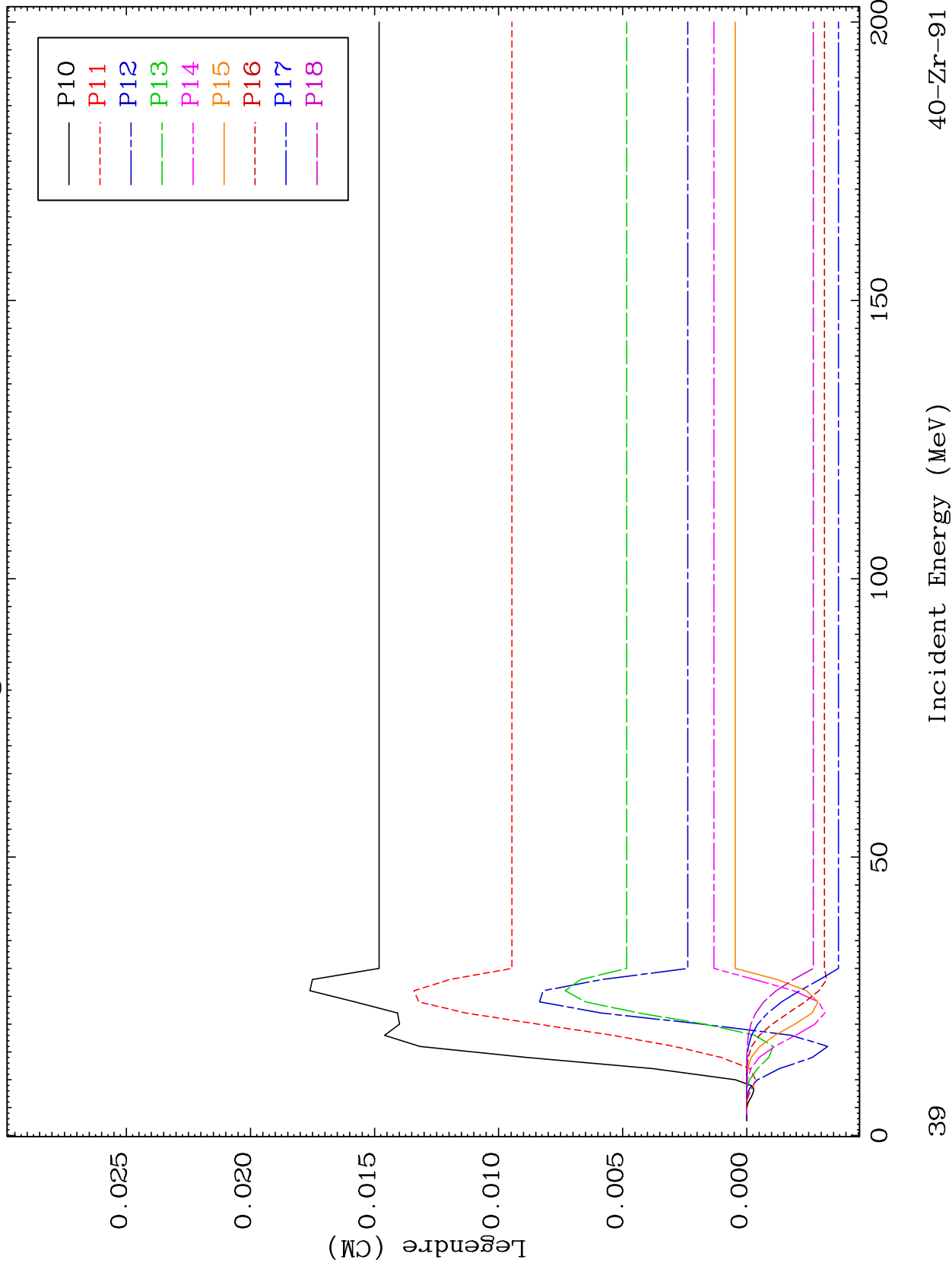
40-Zr-91



MAT 4028

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

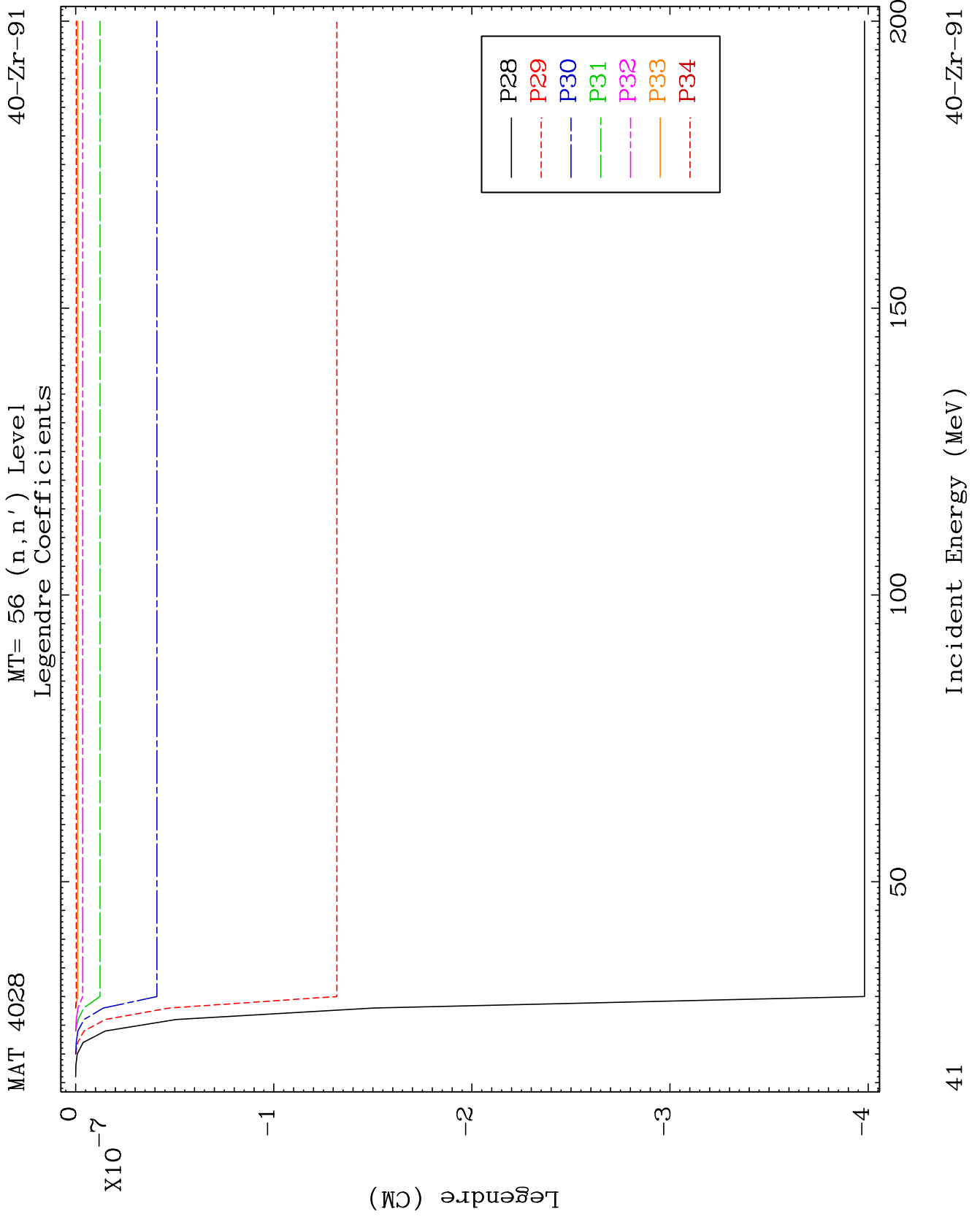
40-Zr-91



39

Incident Energy (MeV)

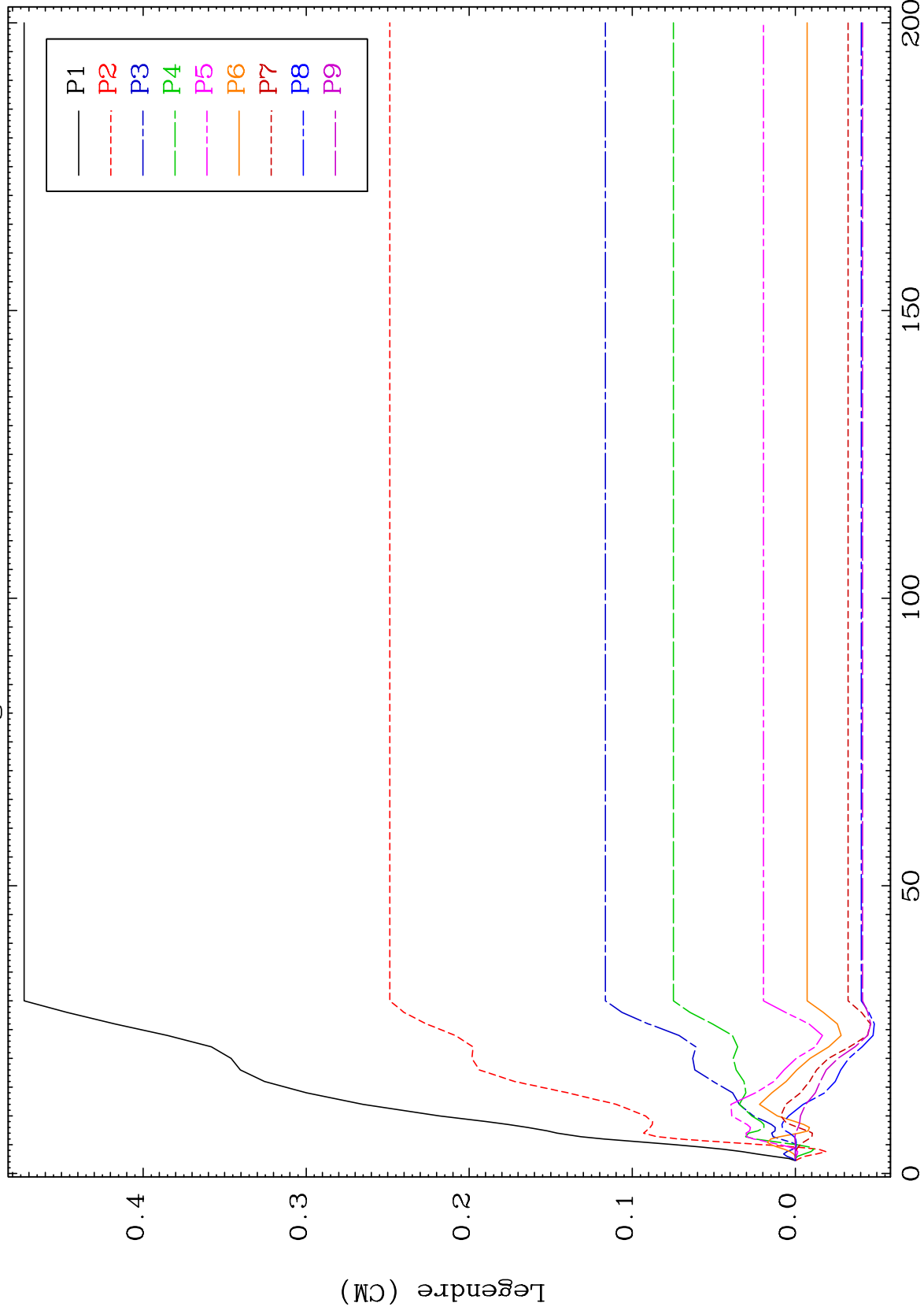
40-Zr-91



MAT 4028

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

40-Zr-91



40-Zr-91

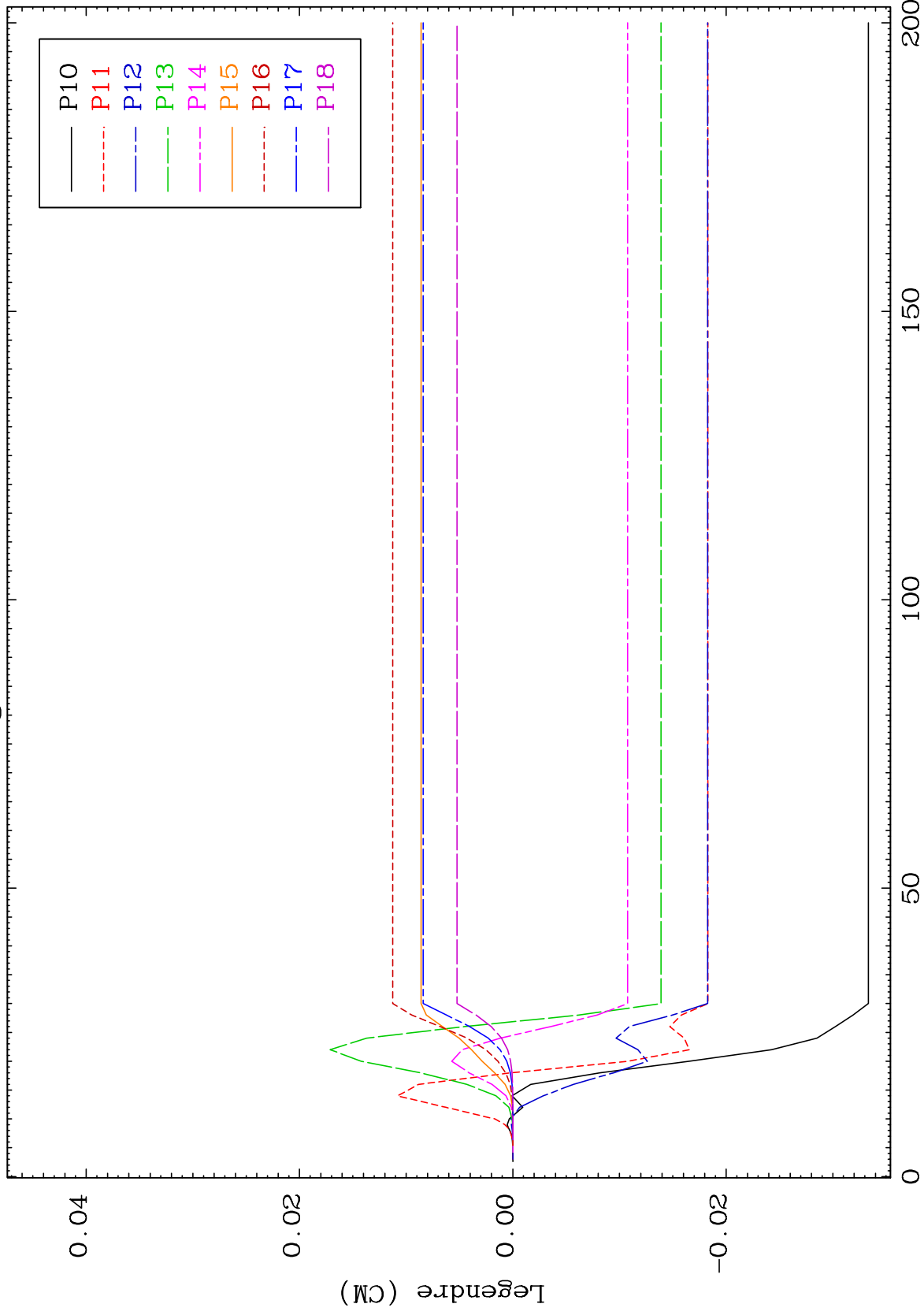
Incident Energy (MeV)

42

MAT 4028

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

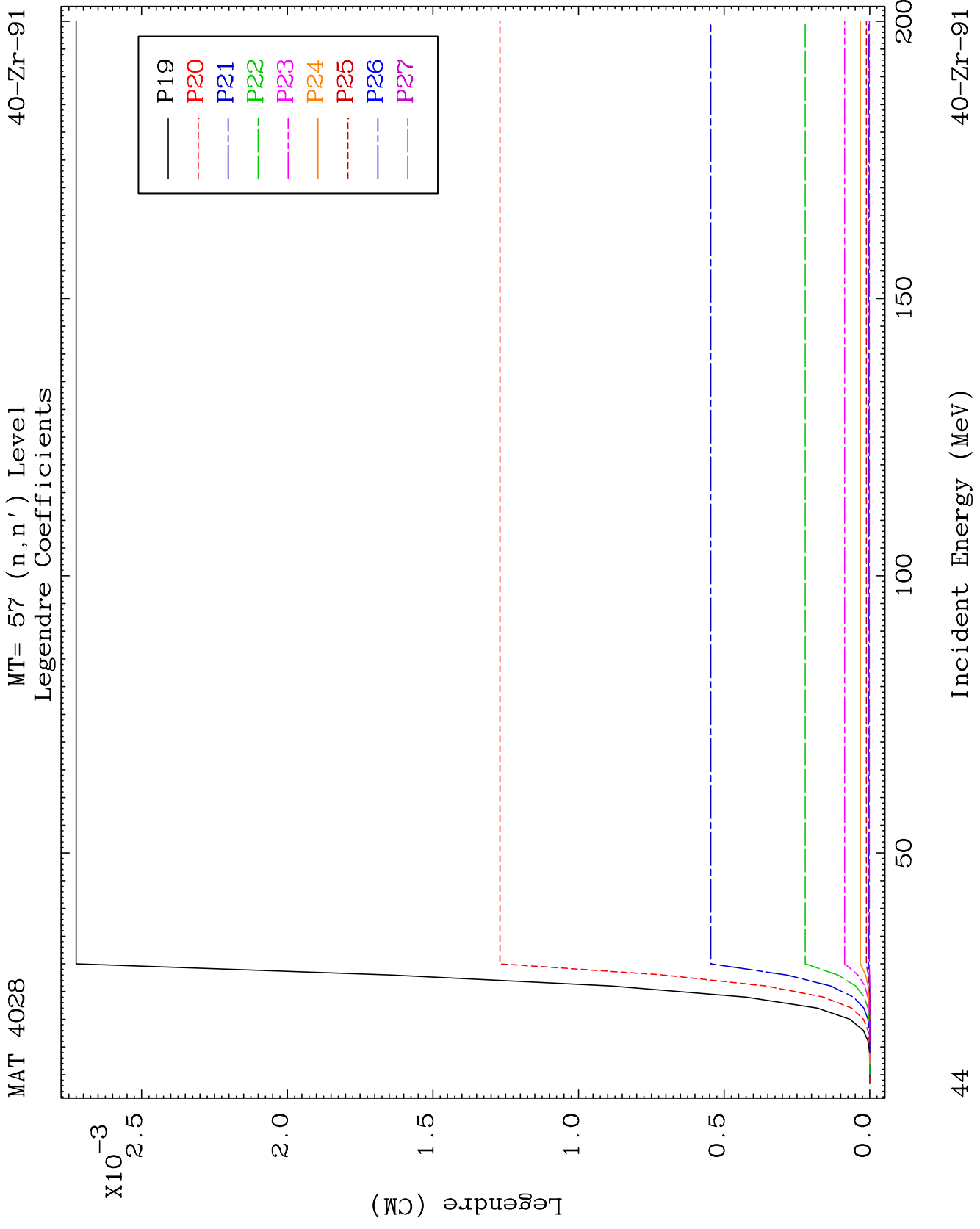
40-Zr-91



43

Incident Energy (MeV)

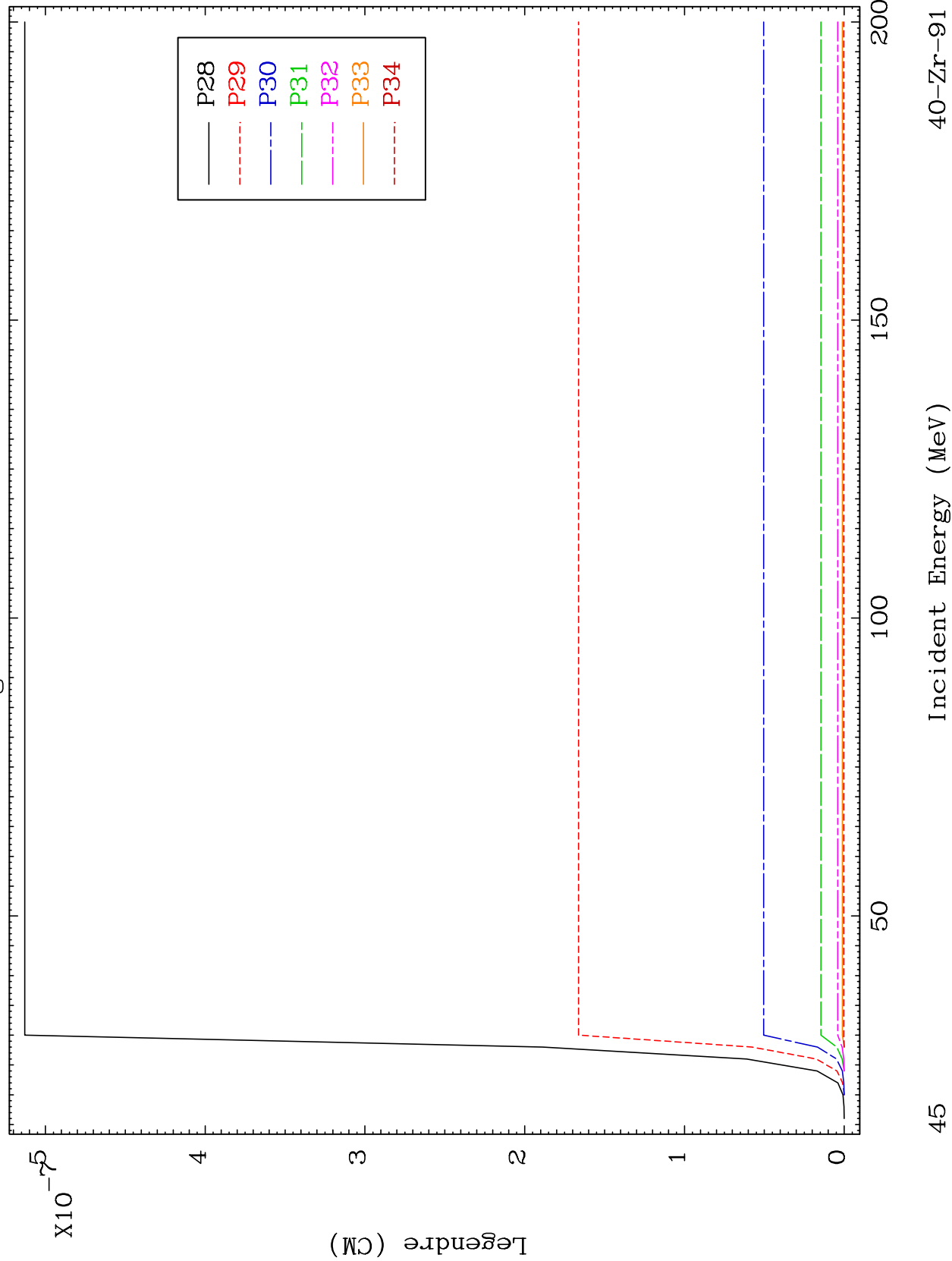
40-Zr-91

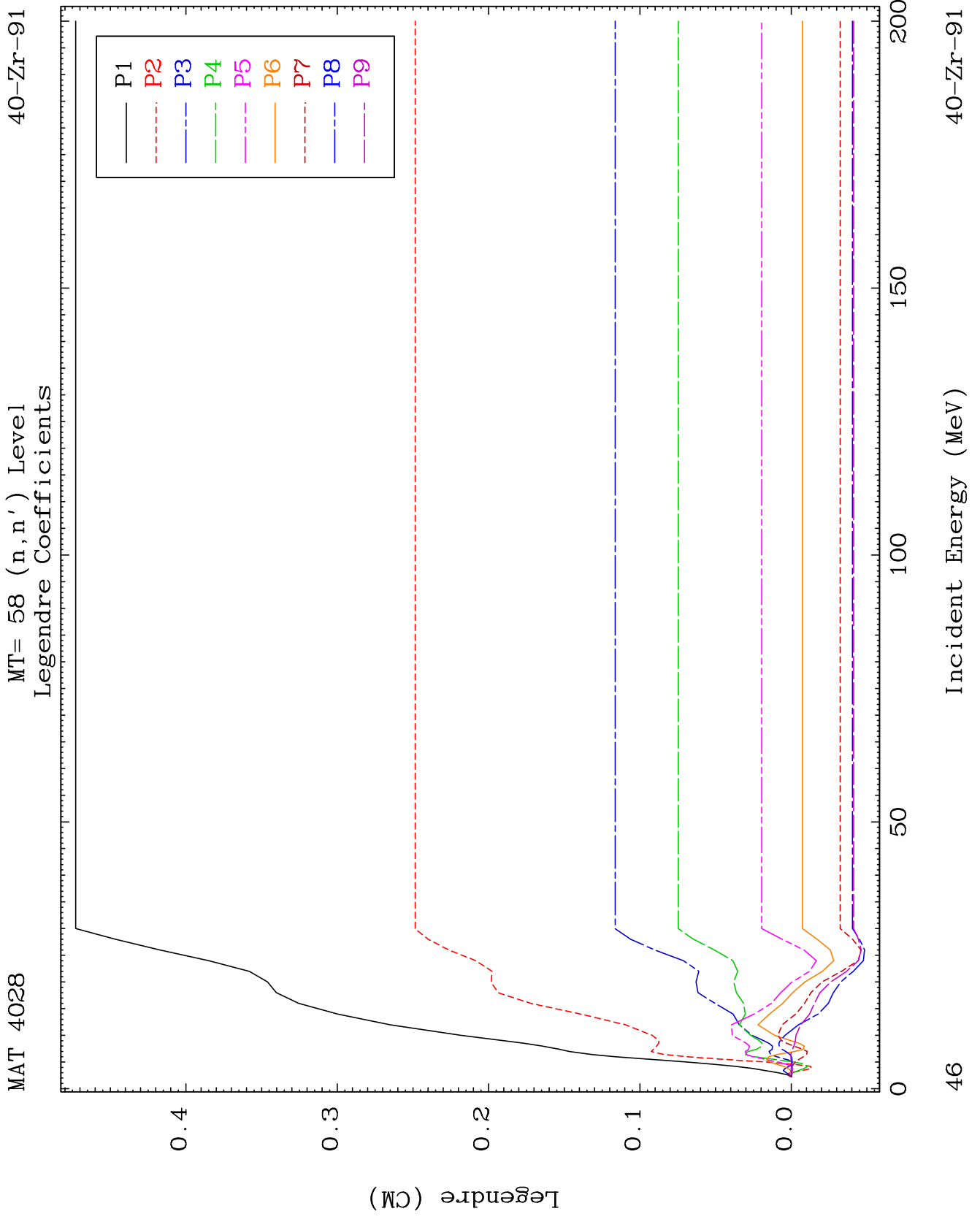


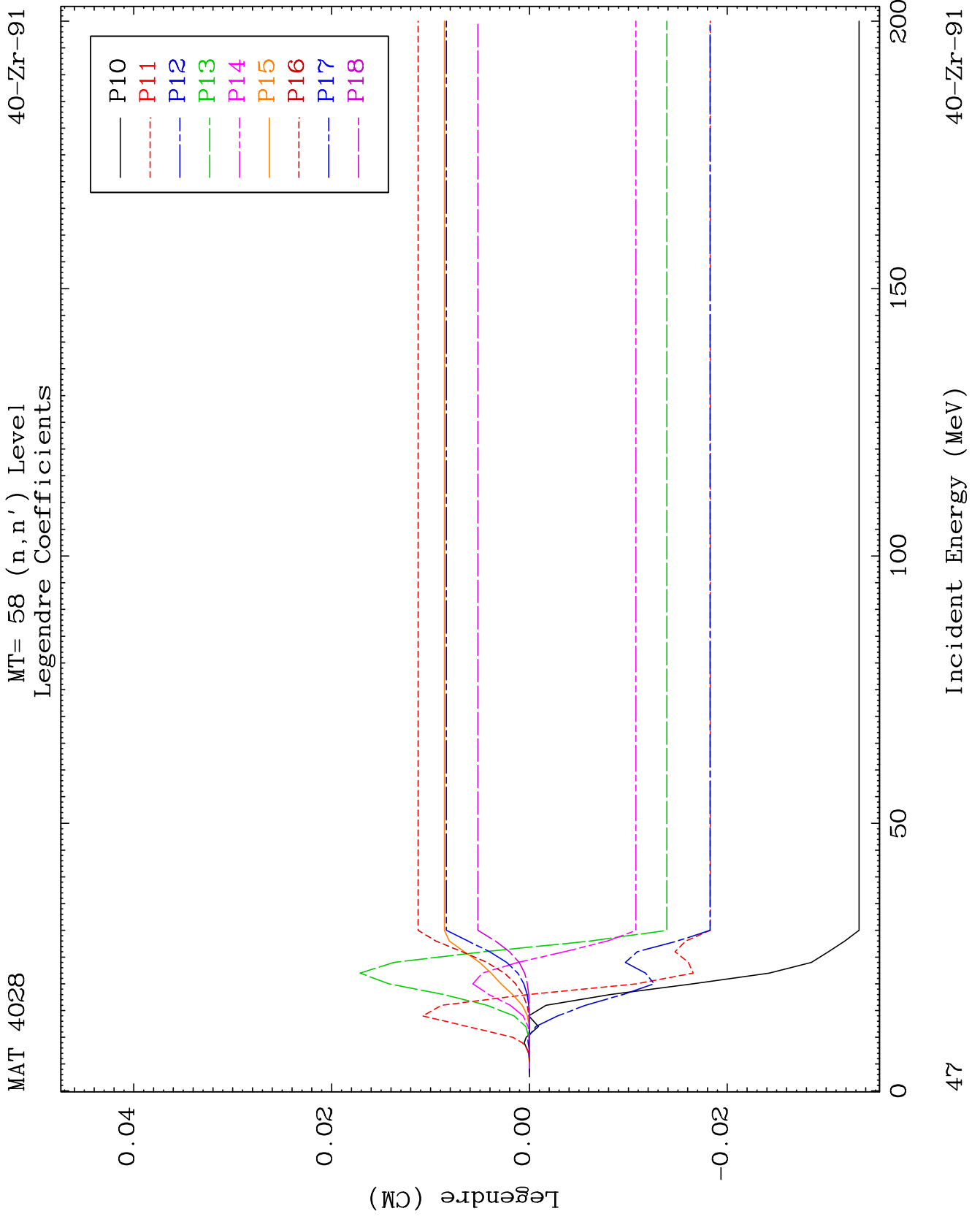
MAT 4028

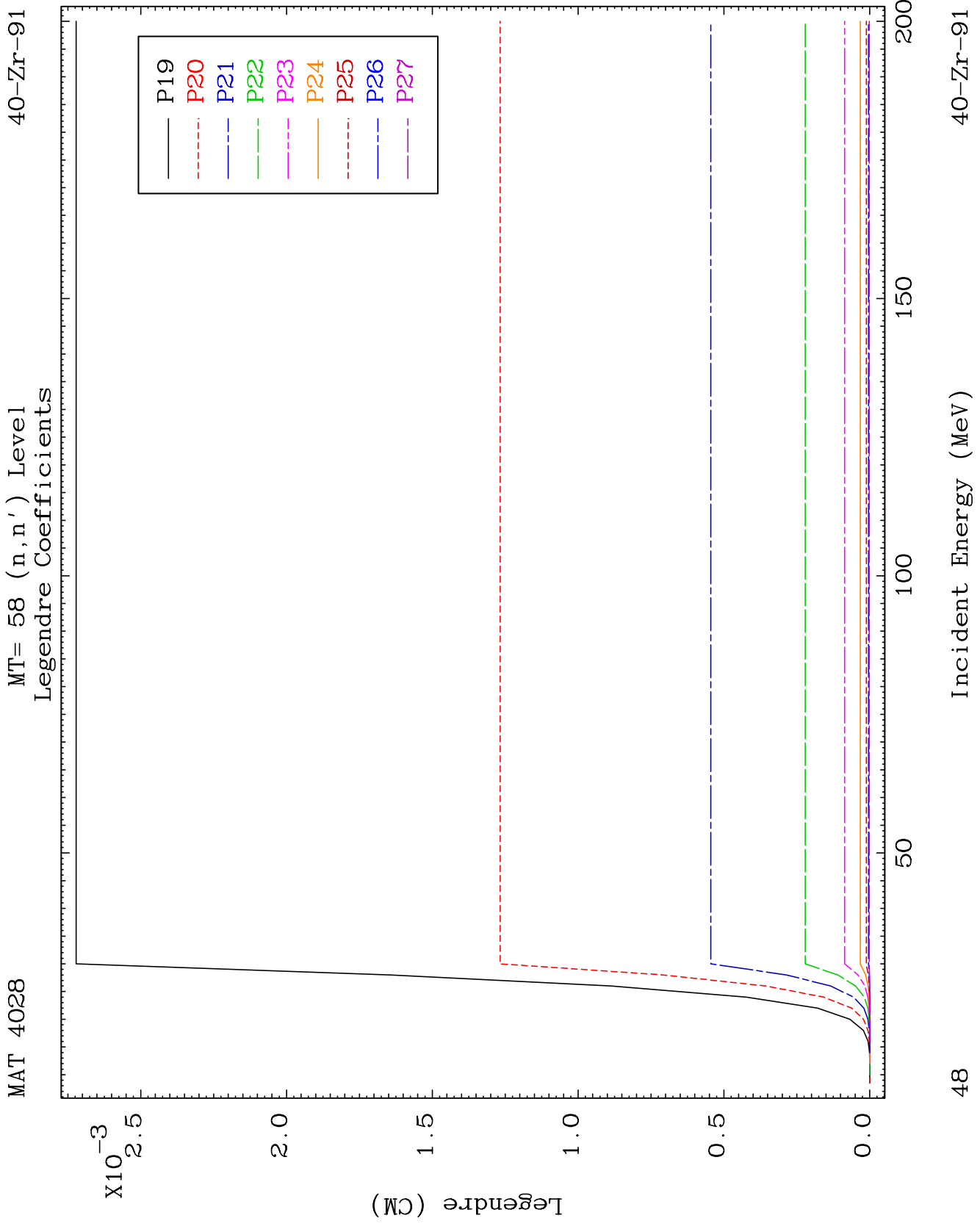
MT= 57 (n,n') Level
Legendre Coefficients

40-Zr-91





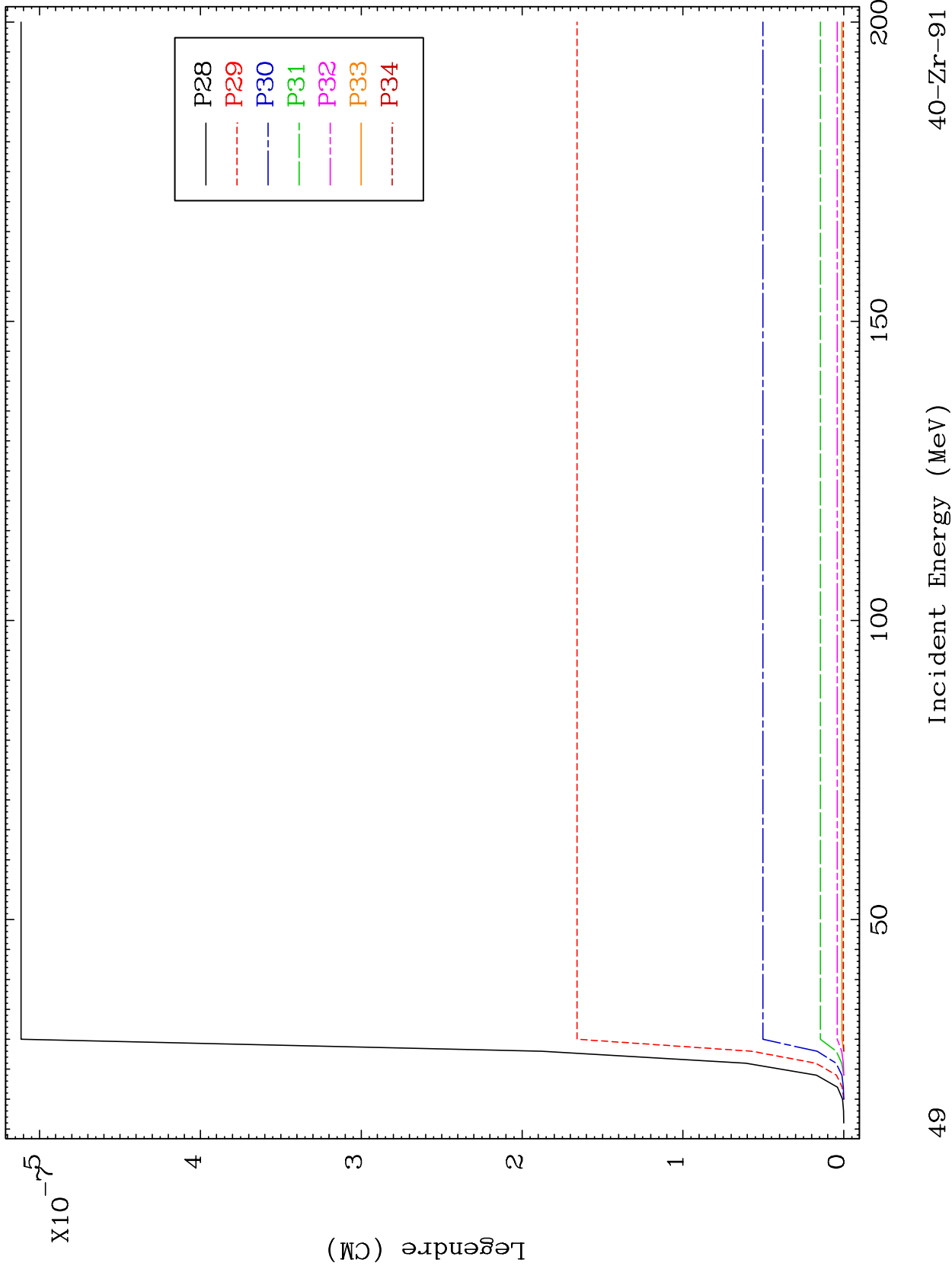




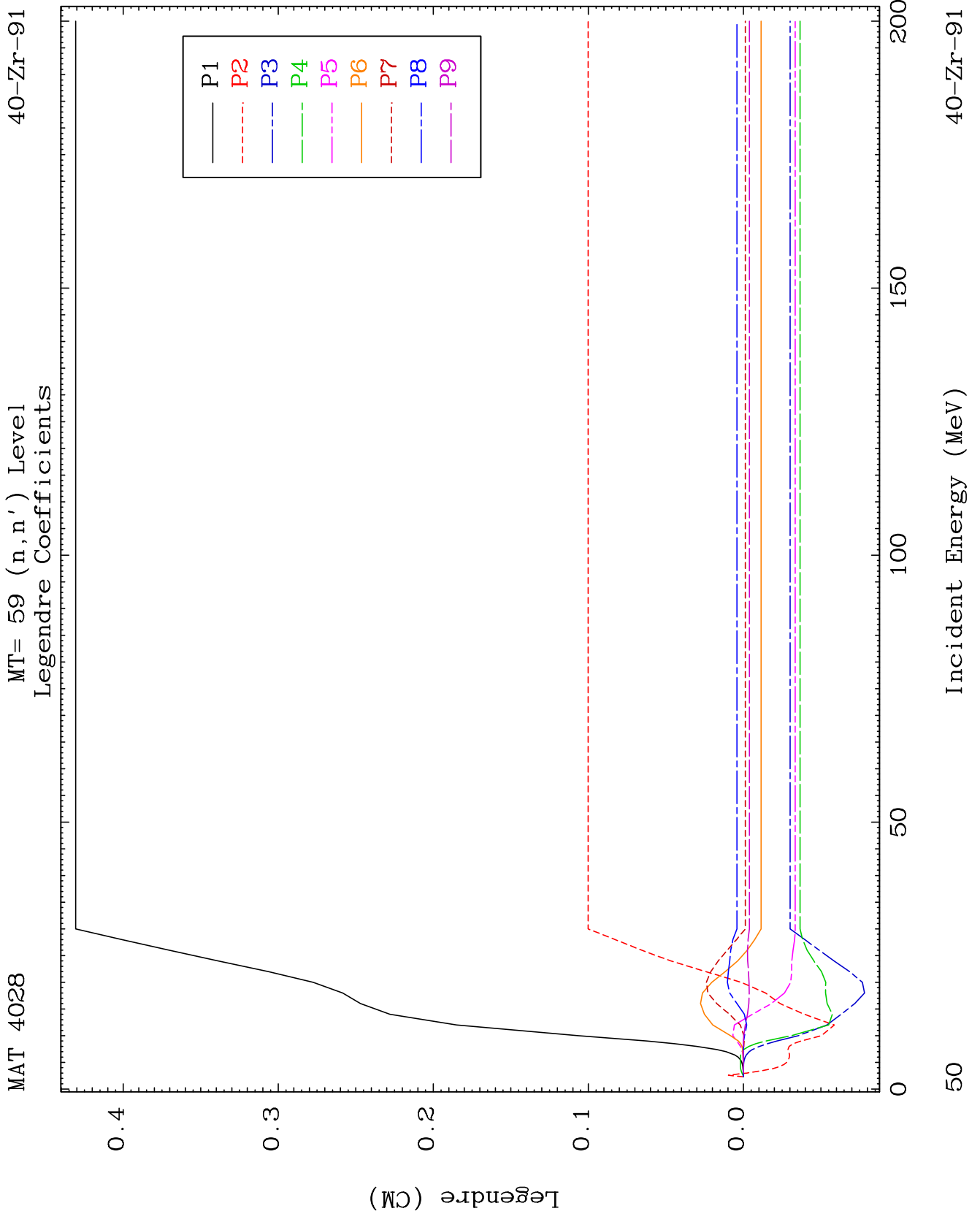
MAT 4028

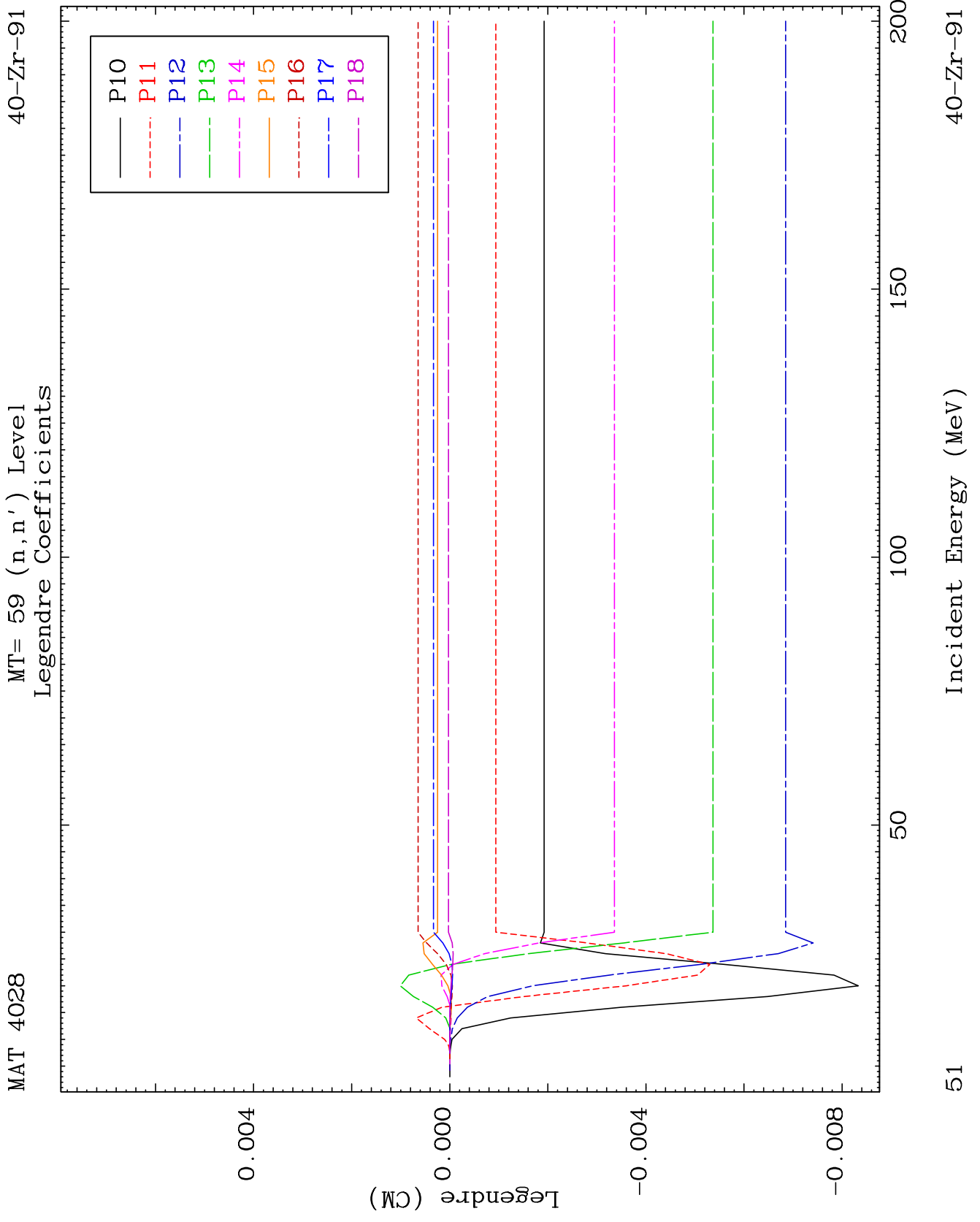
MT= 58 (n,n') Level
Legendre Coefficients

40-Zr-91



49

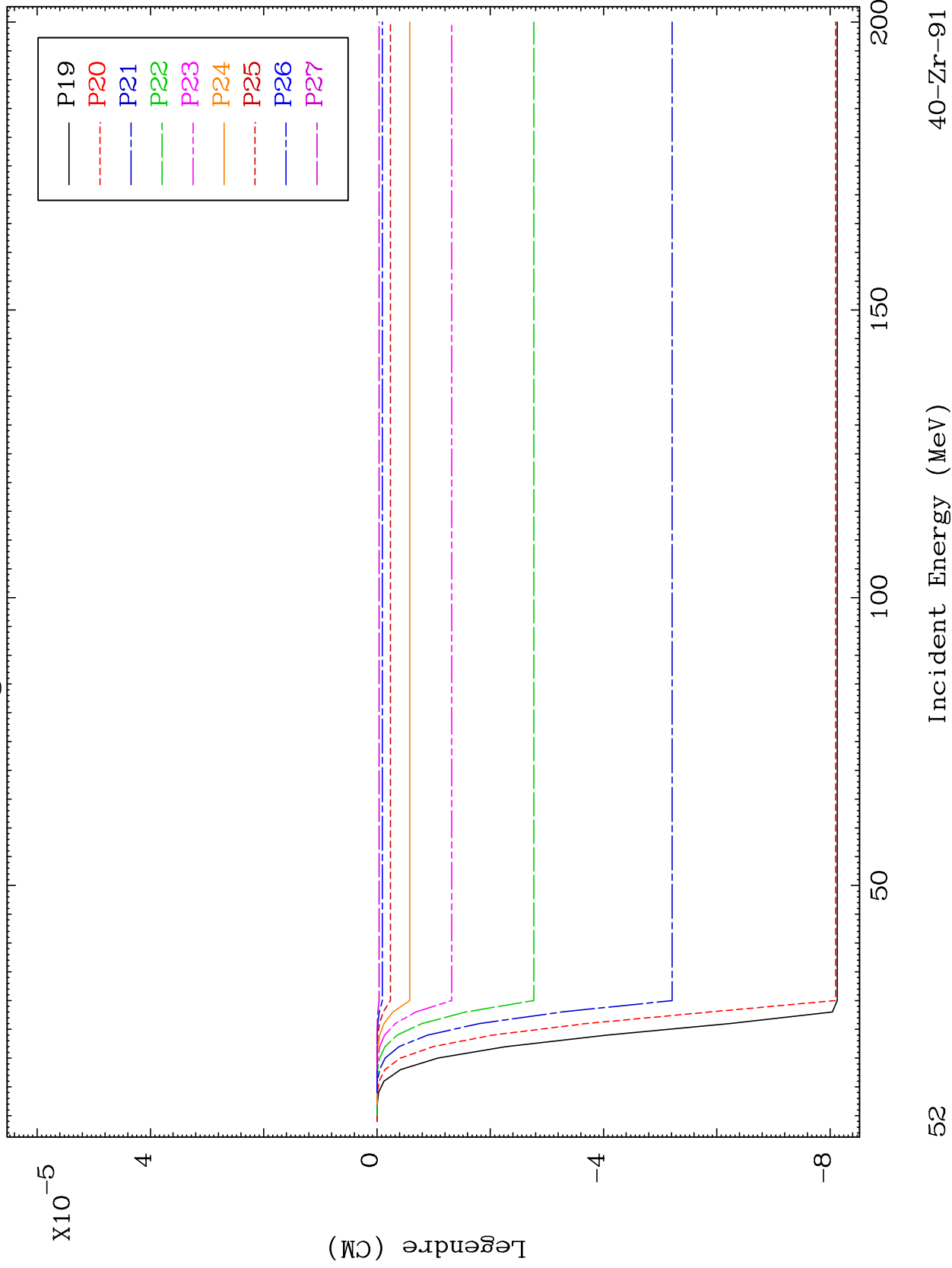




MAT 4028

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

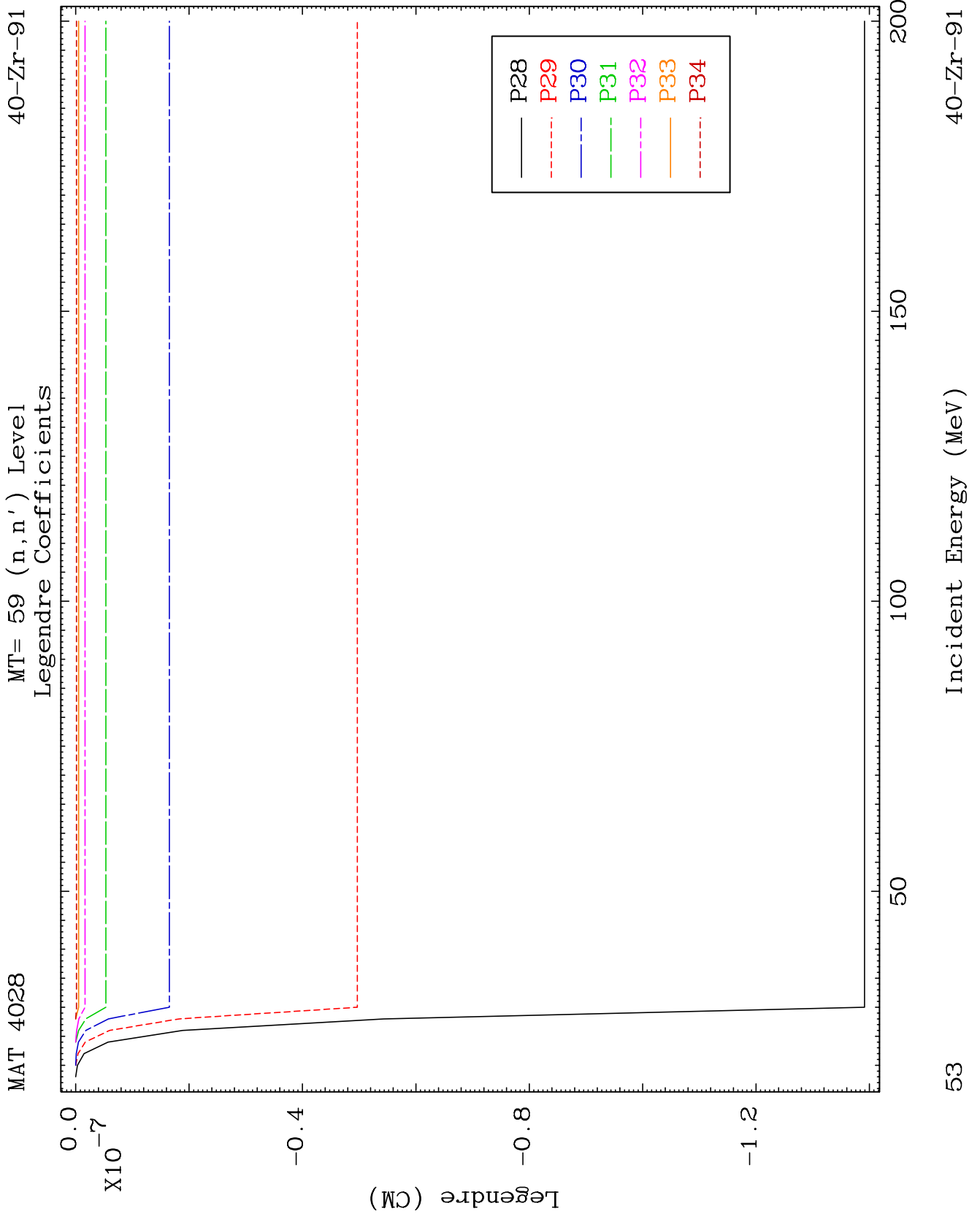
40-Zr-91

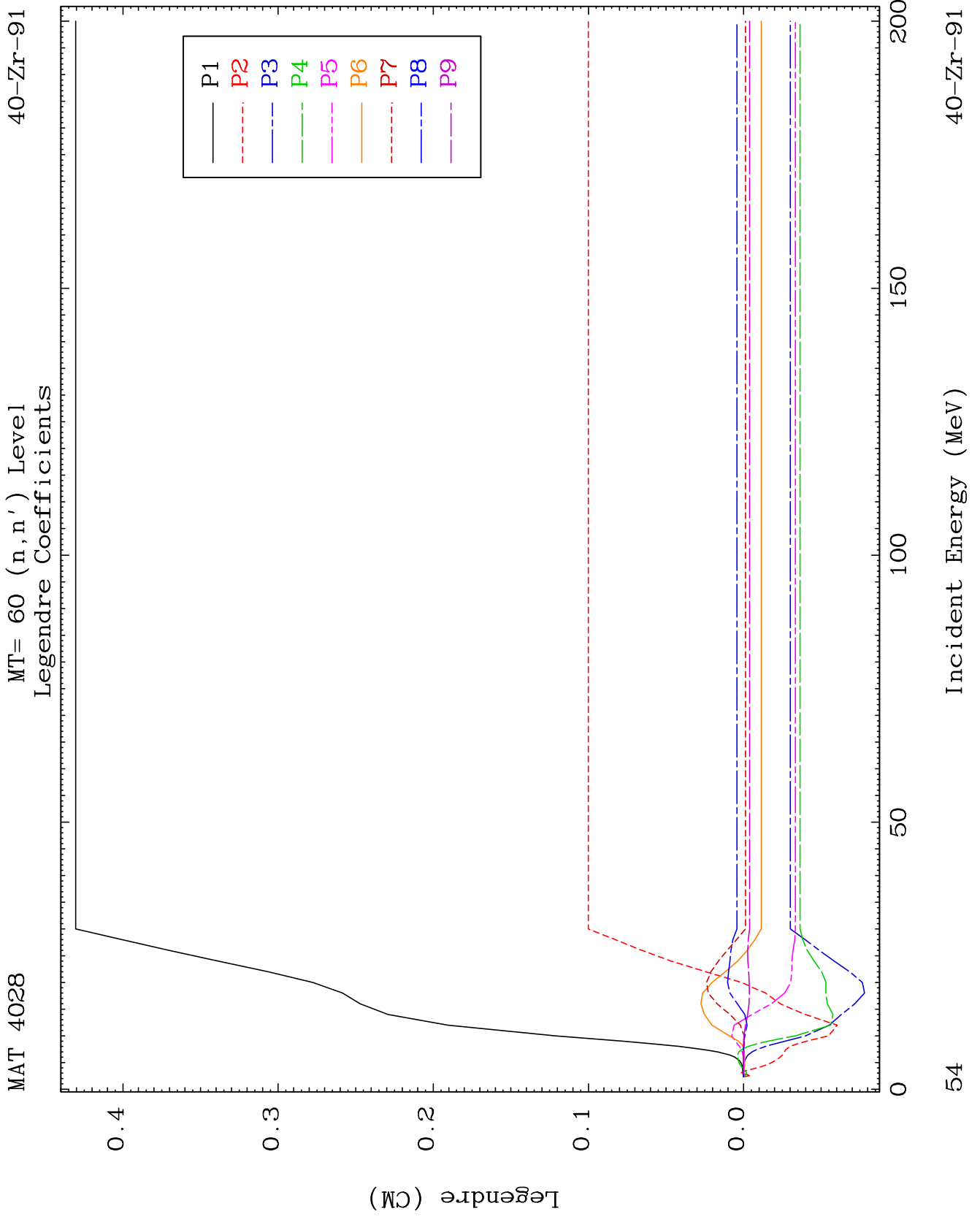


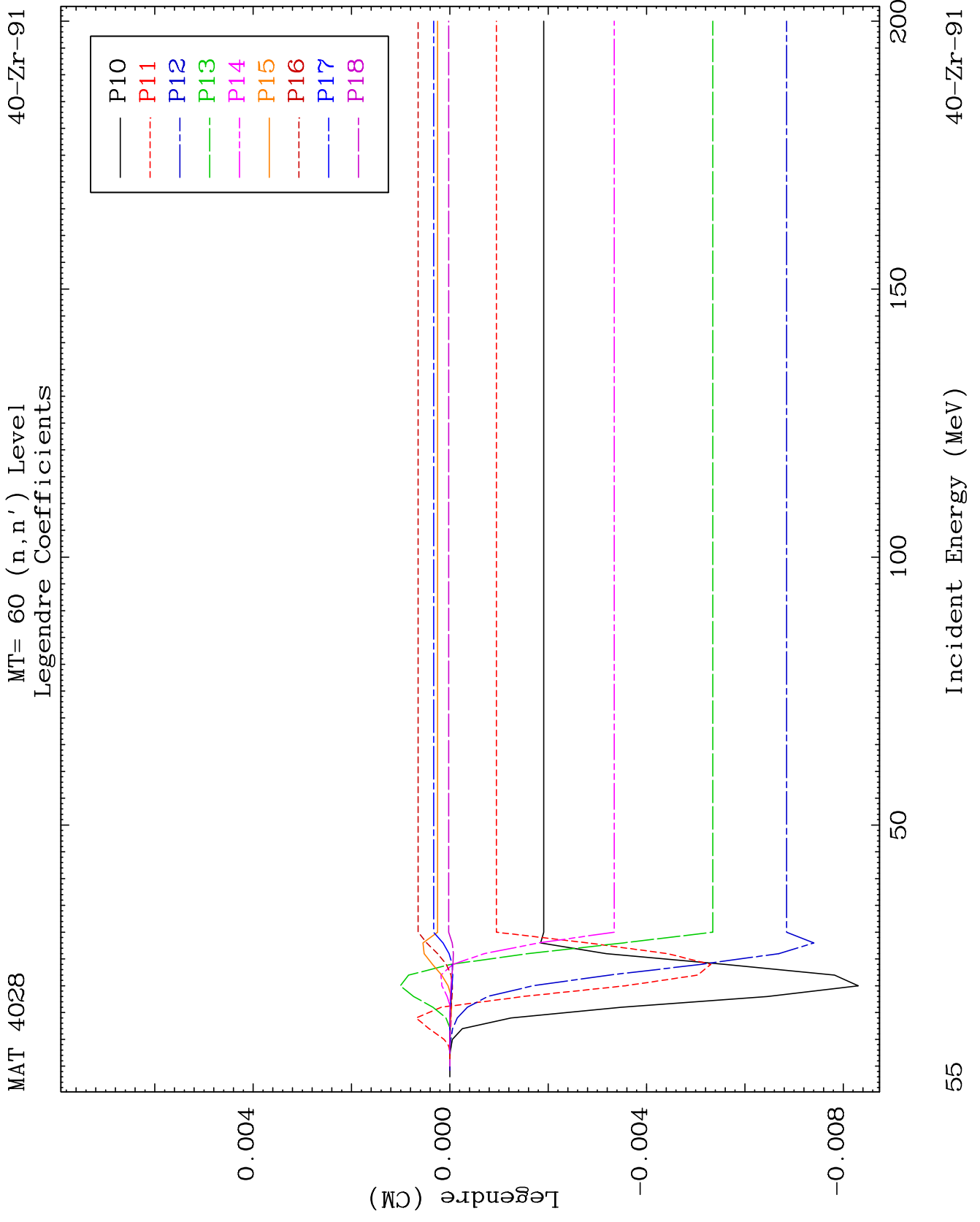
52

Incident Energy (MeV)

40-Zr-91



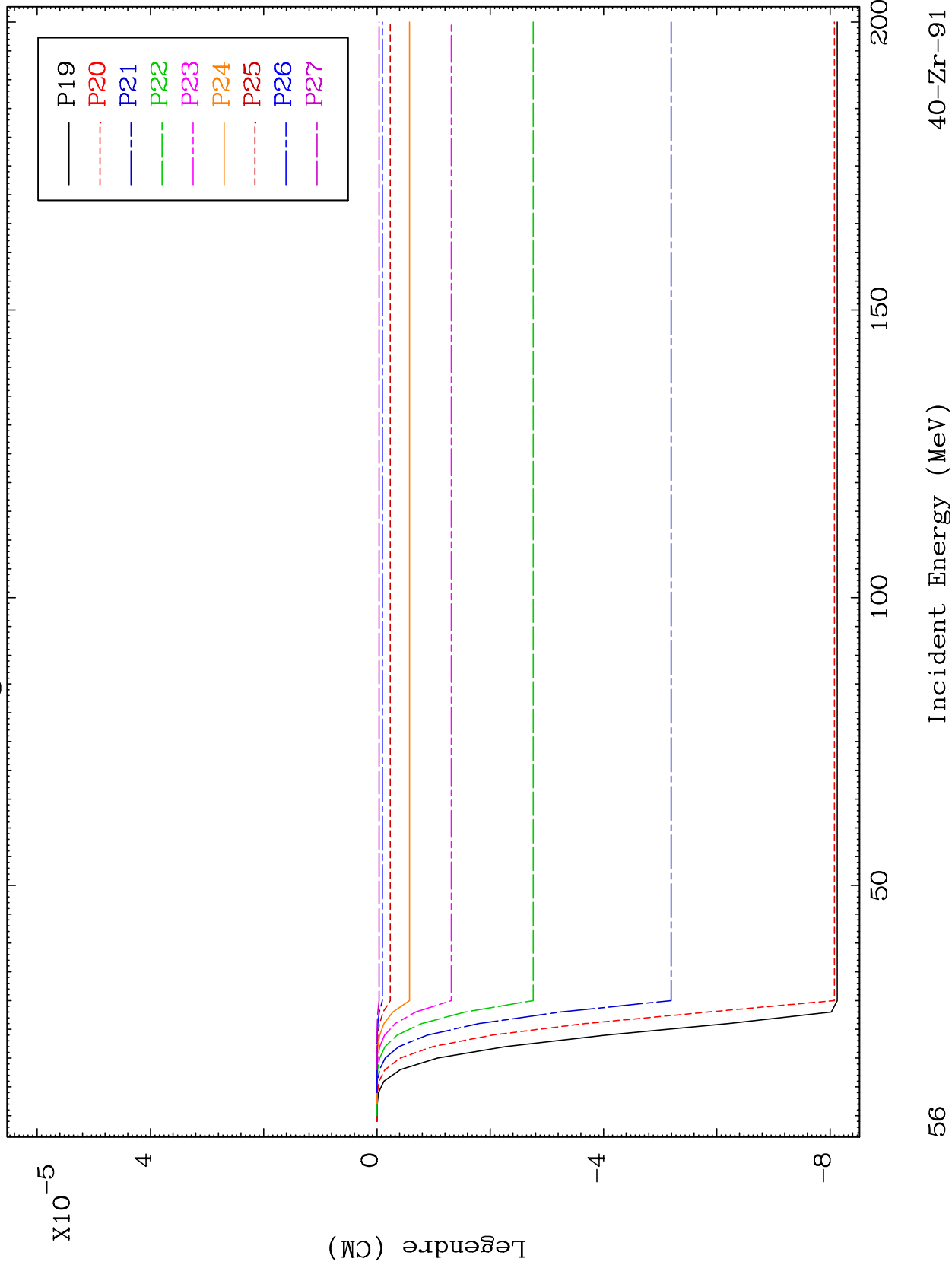




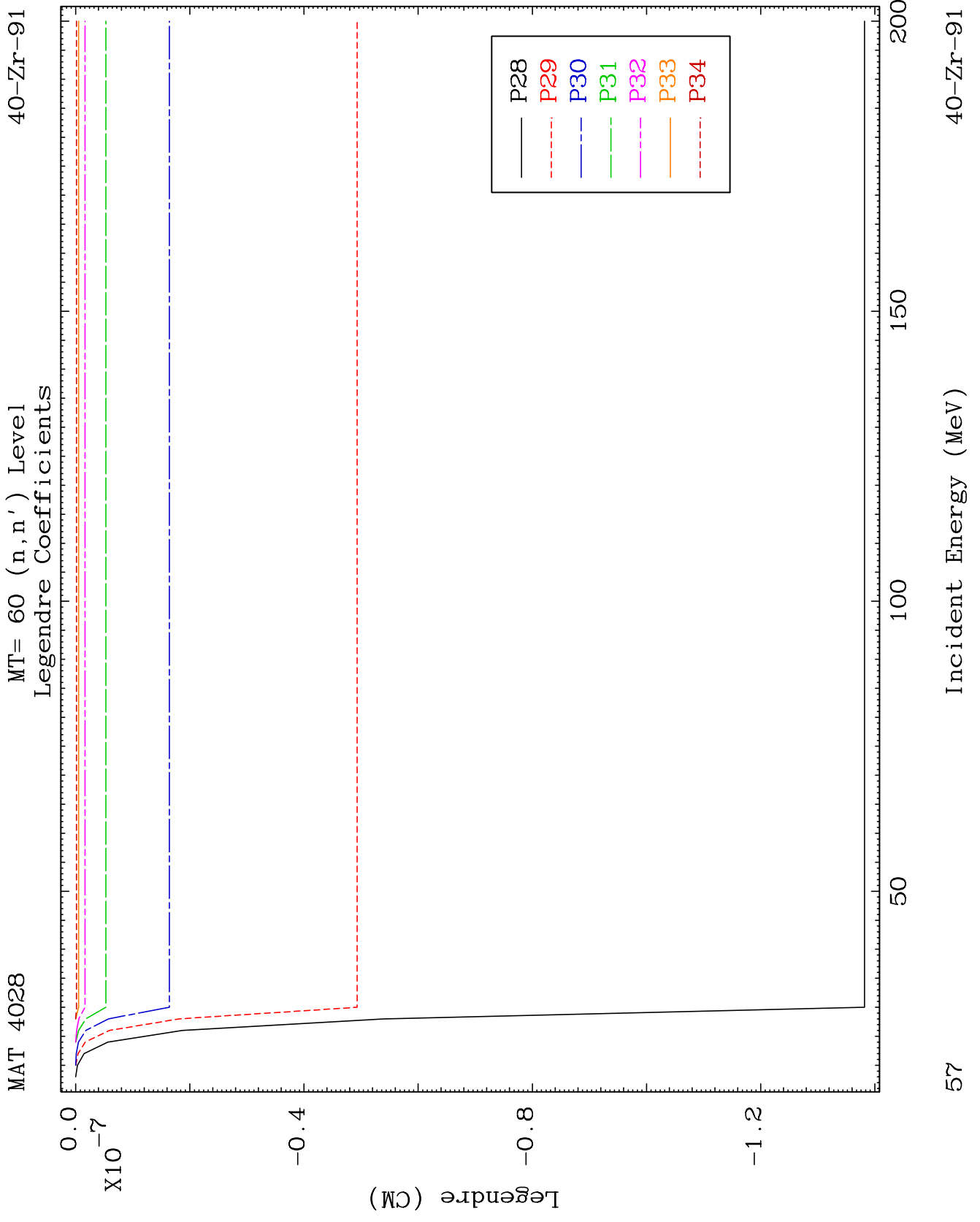
MAT 4028

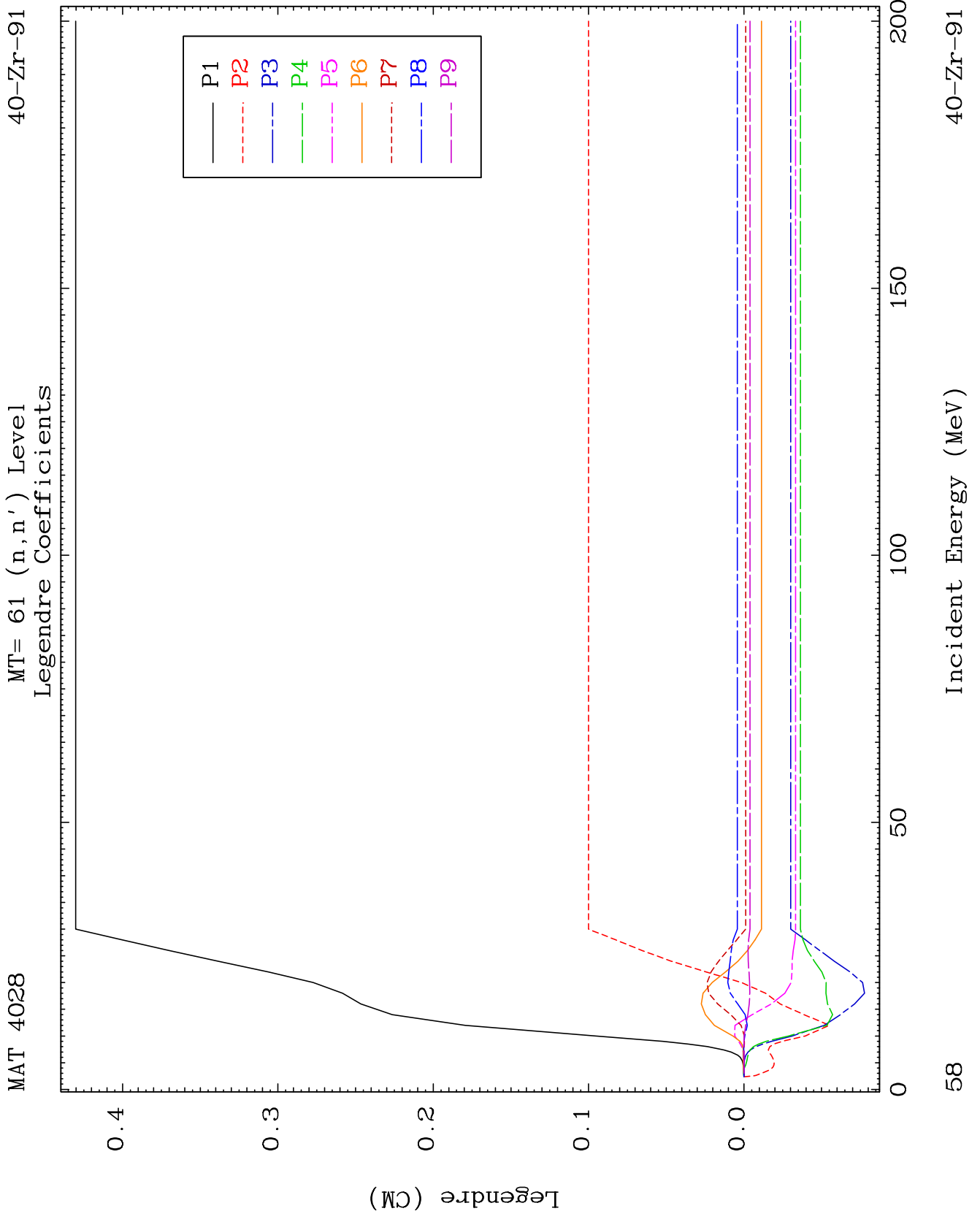
MT= 60 (n,n') Level
Legendre Coefficients

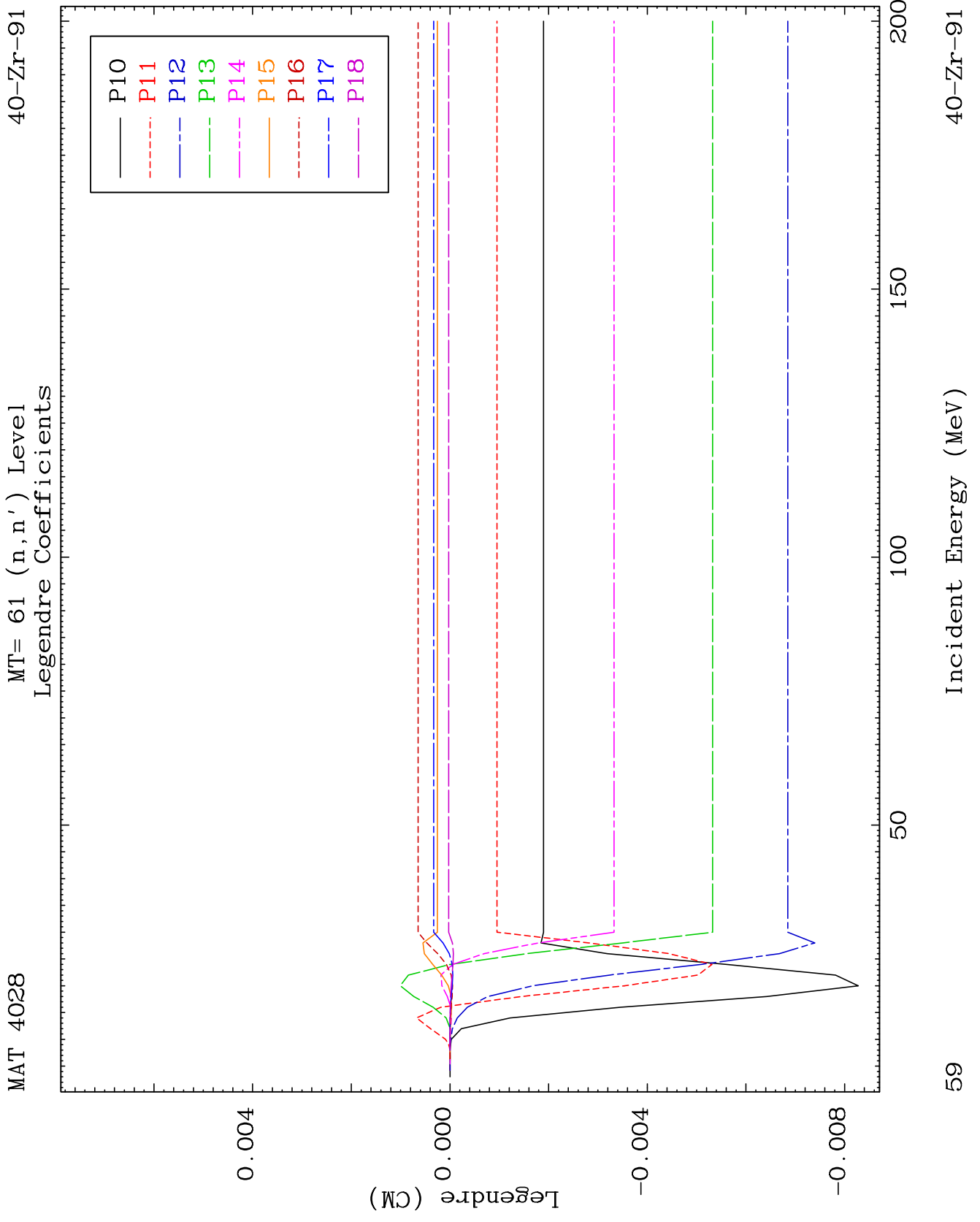
40-Zr-91

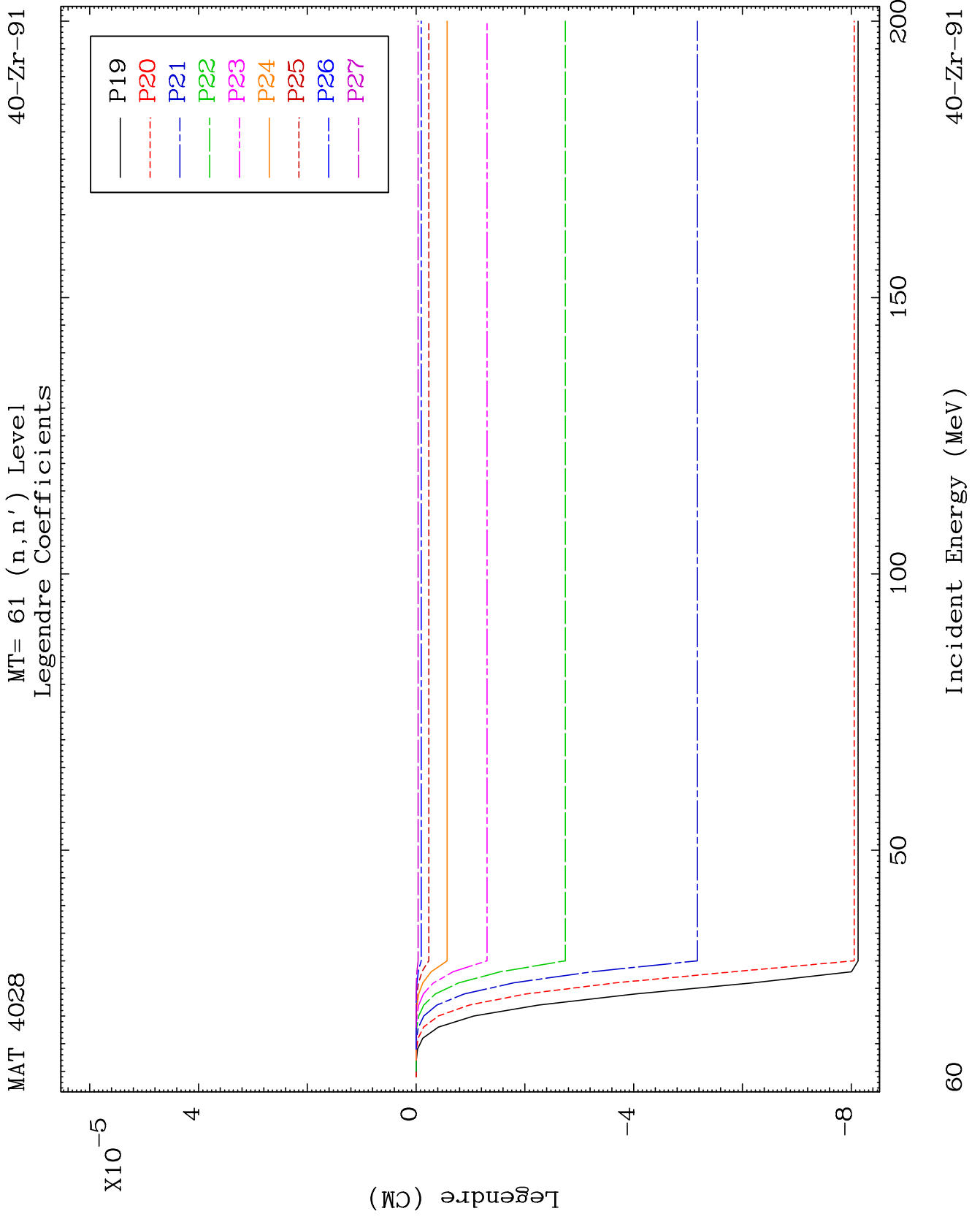


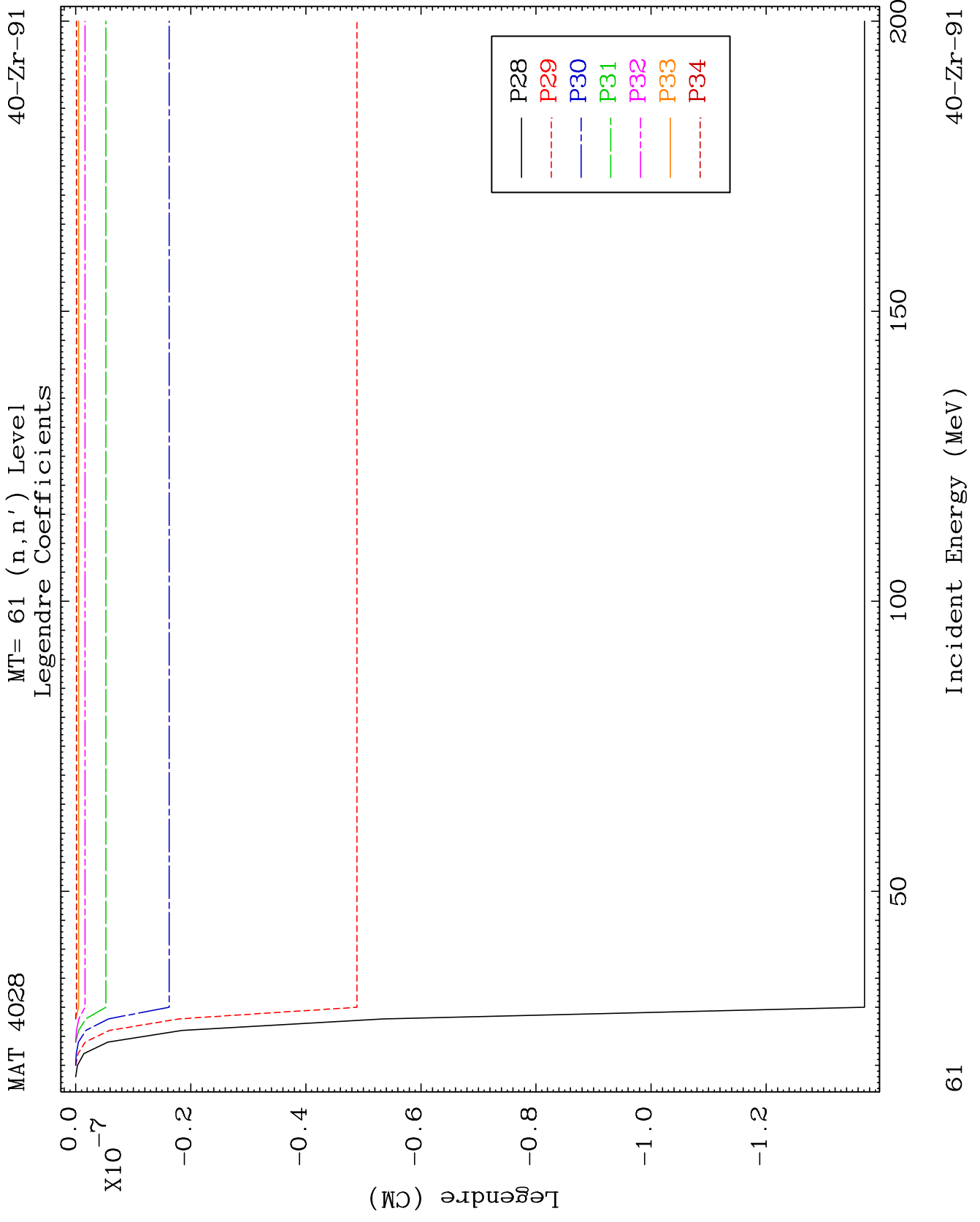
56

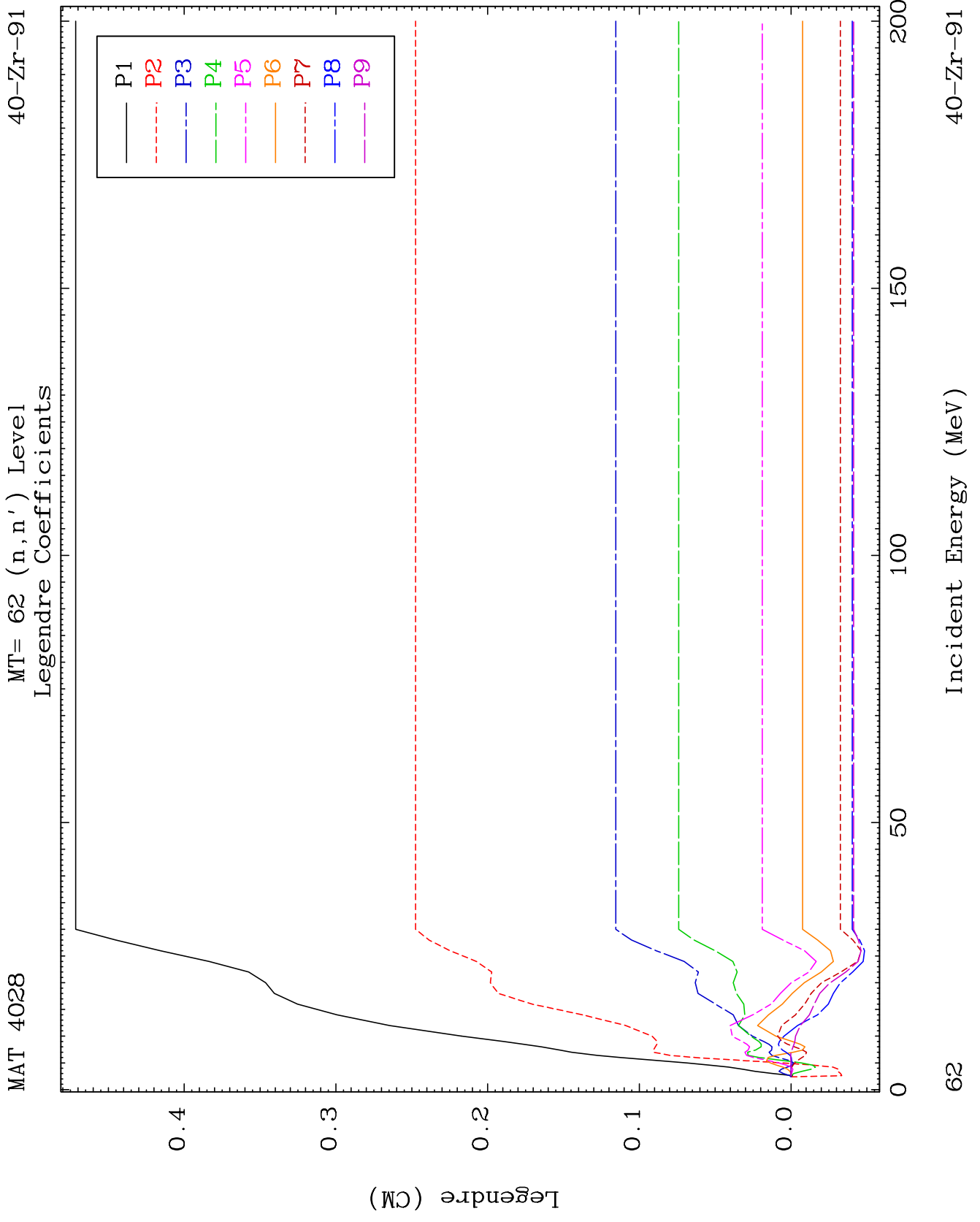








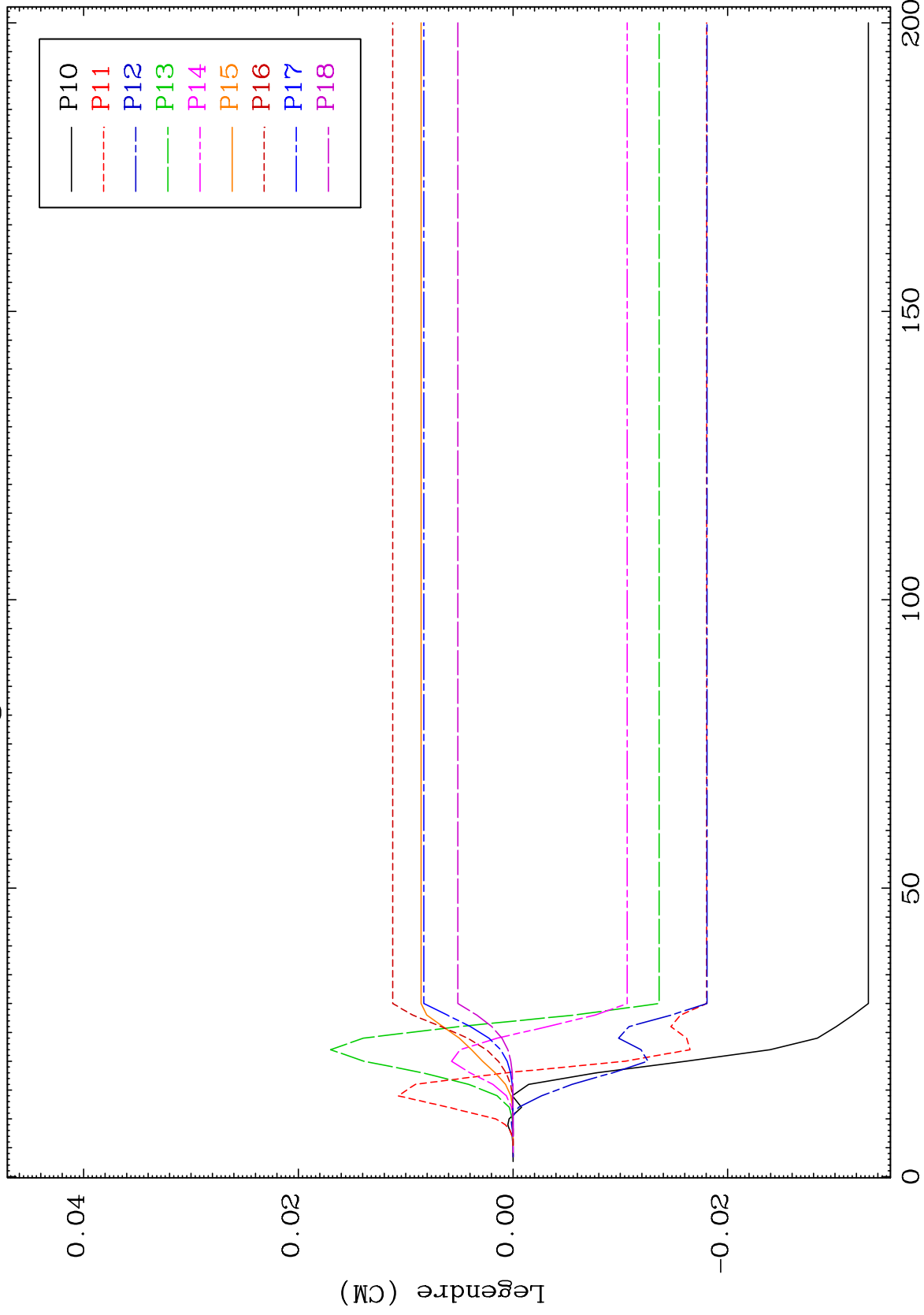




MAT 4028

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

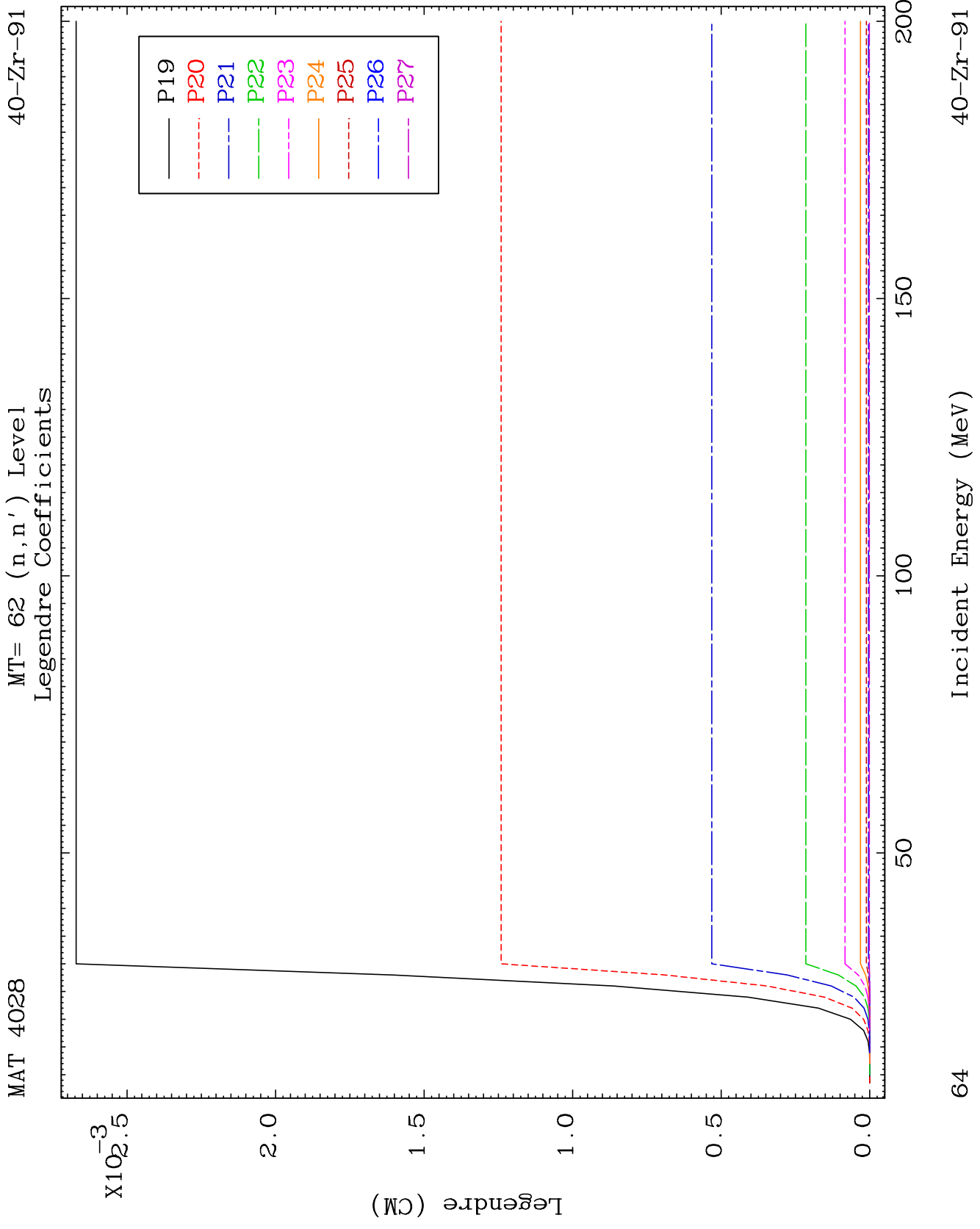
40-Zr-91

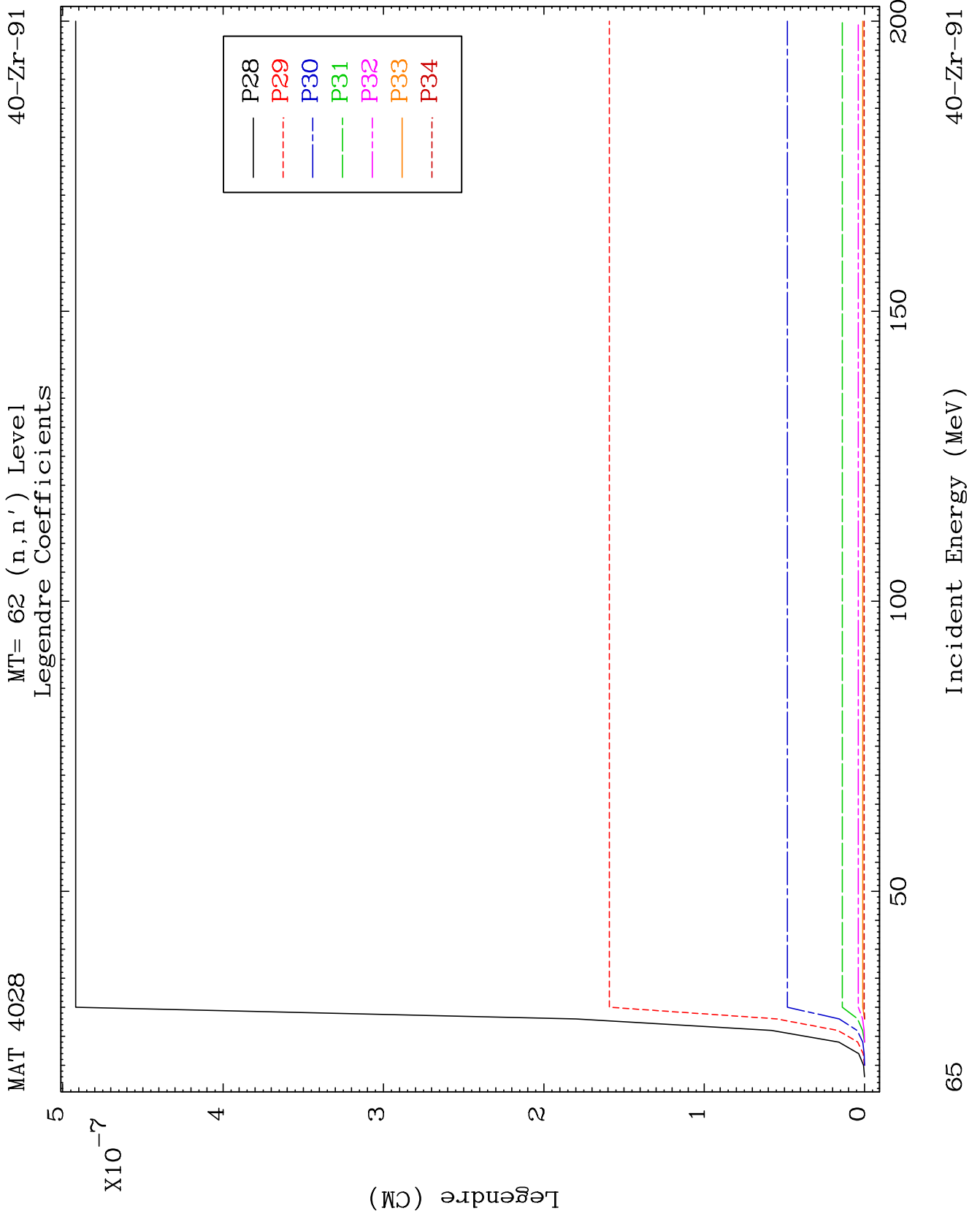


63

Incident Energy (MeV)

40-Zr-91

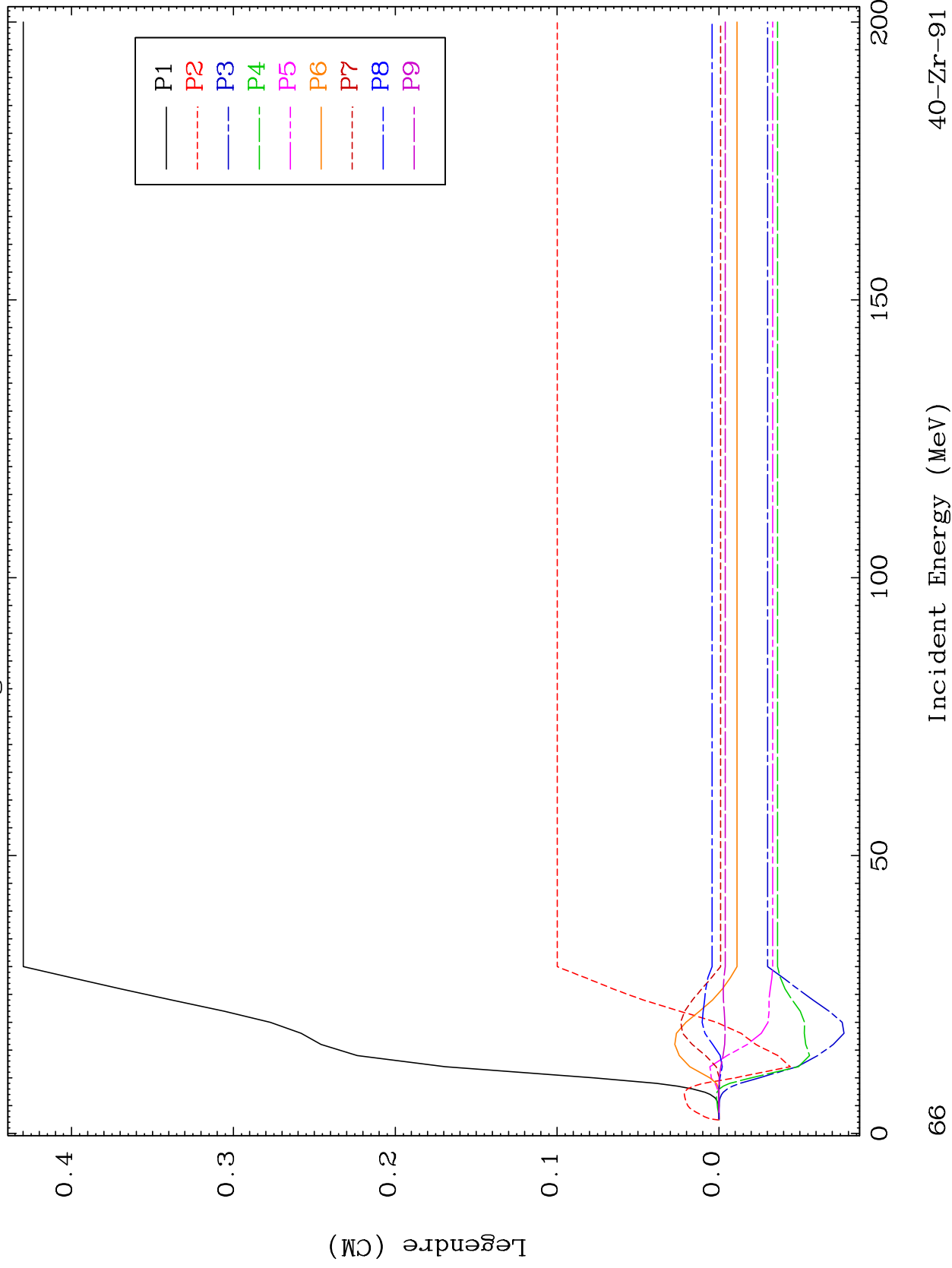




MAT 4028

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

40-Zr-91



66

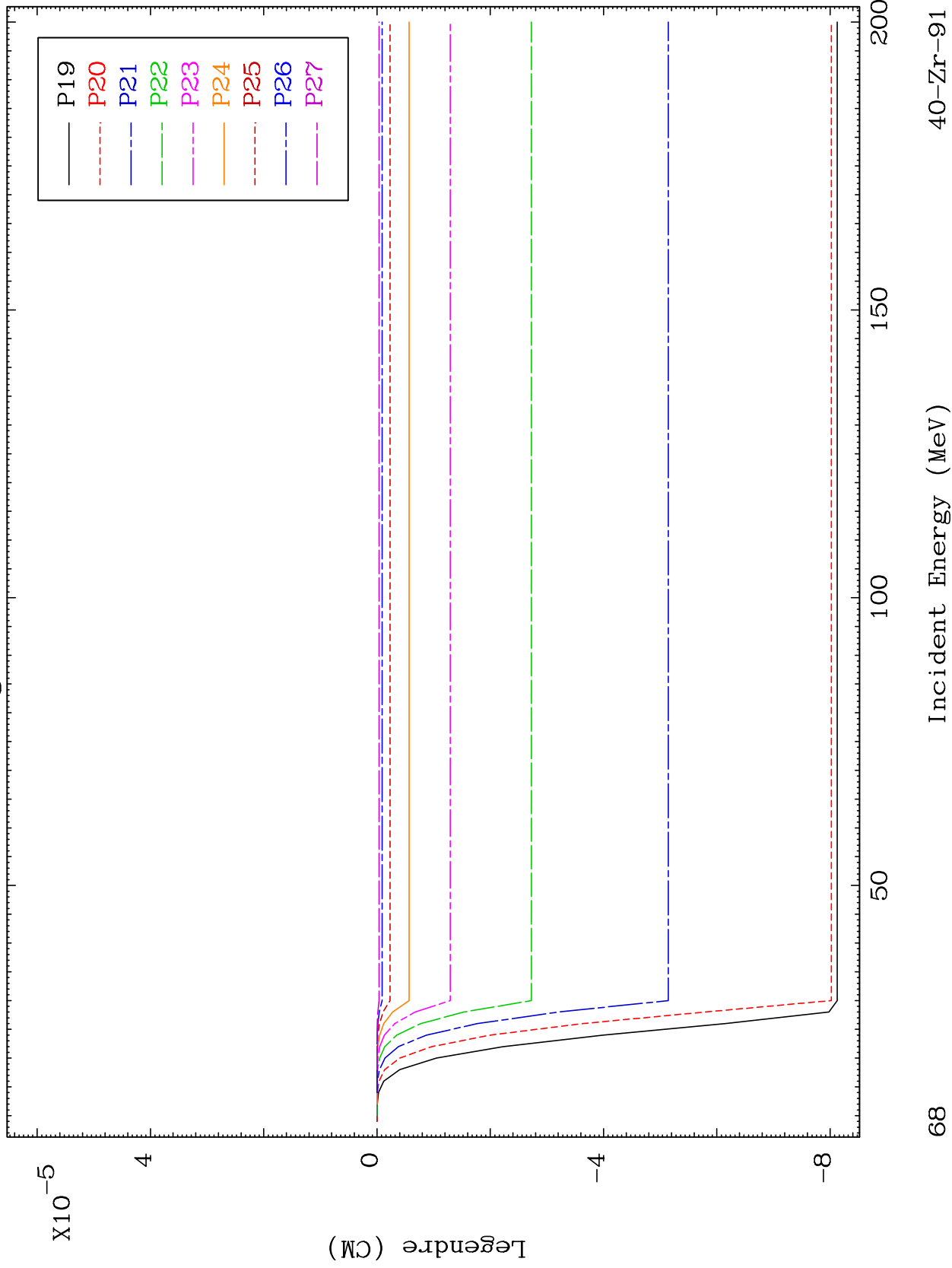
Incident Energy (MeV)

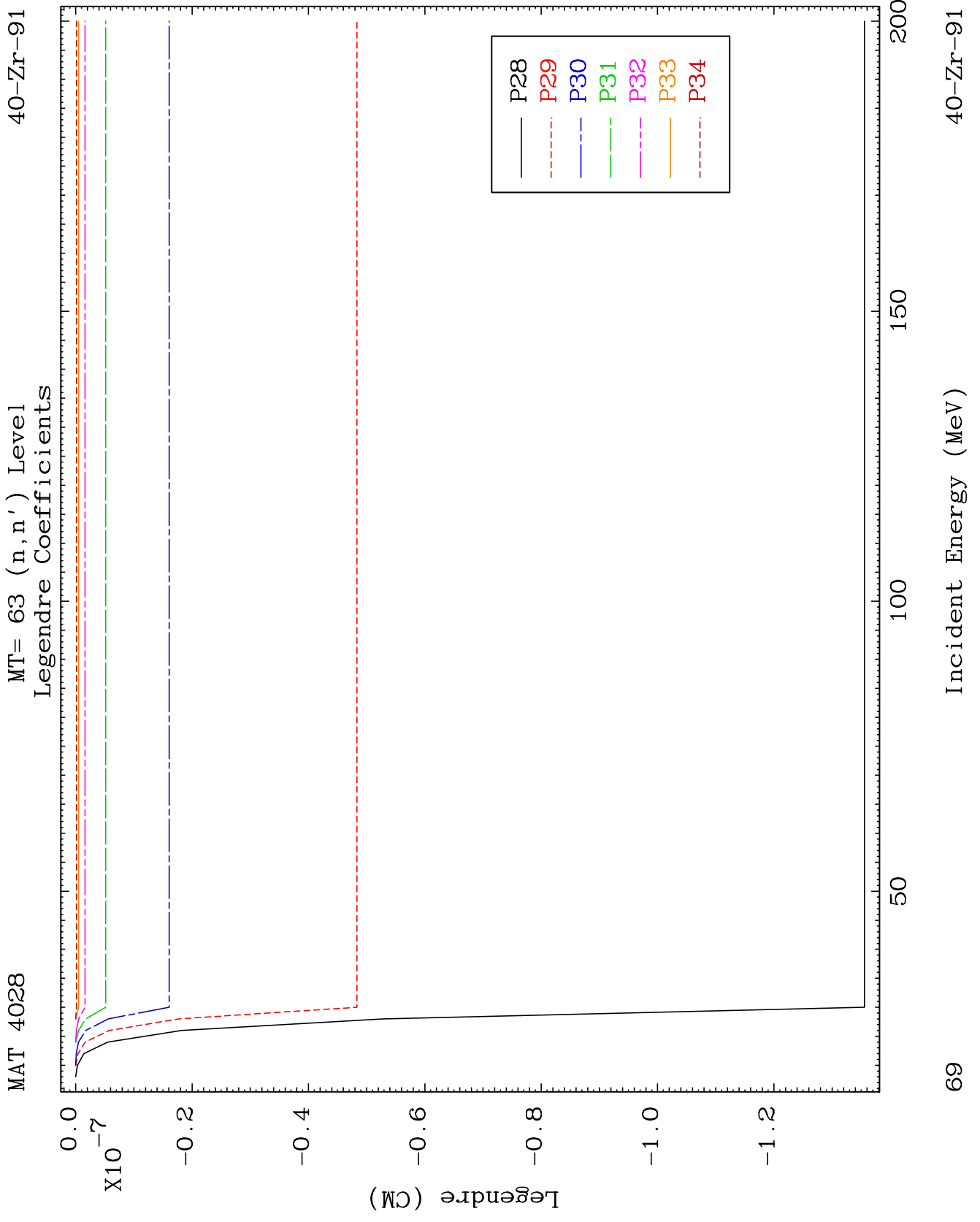
40-Zr-91

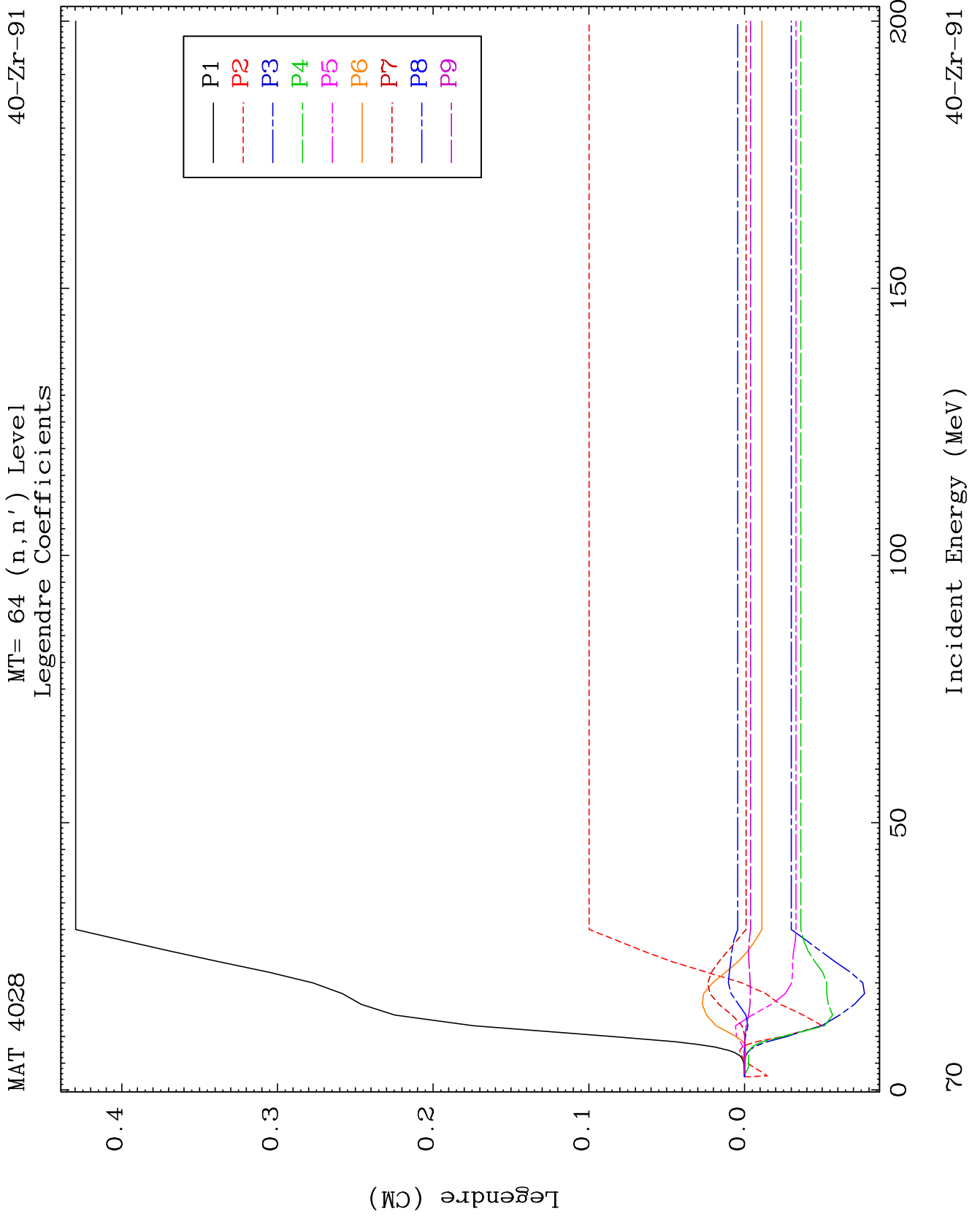
MAT 4028

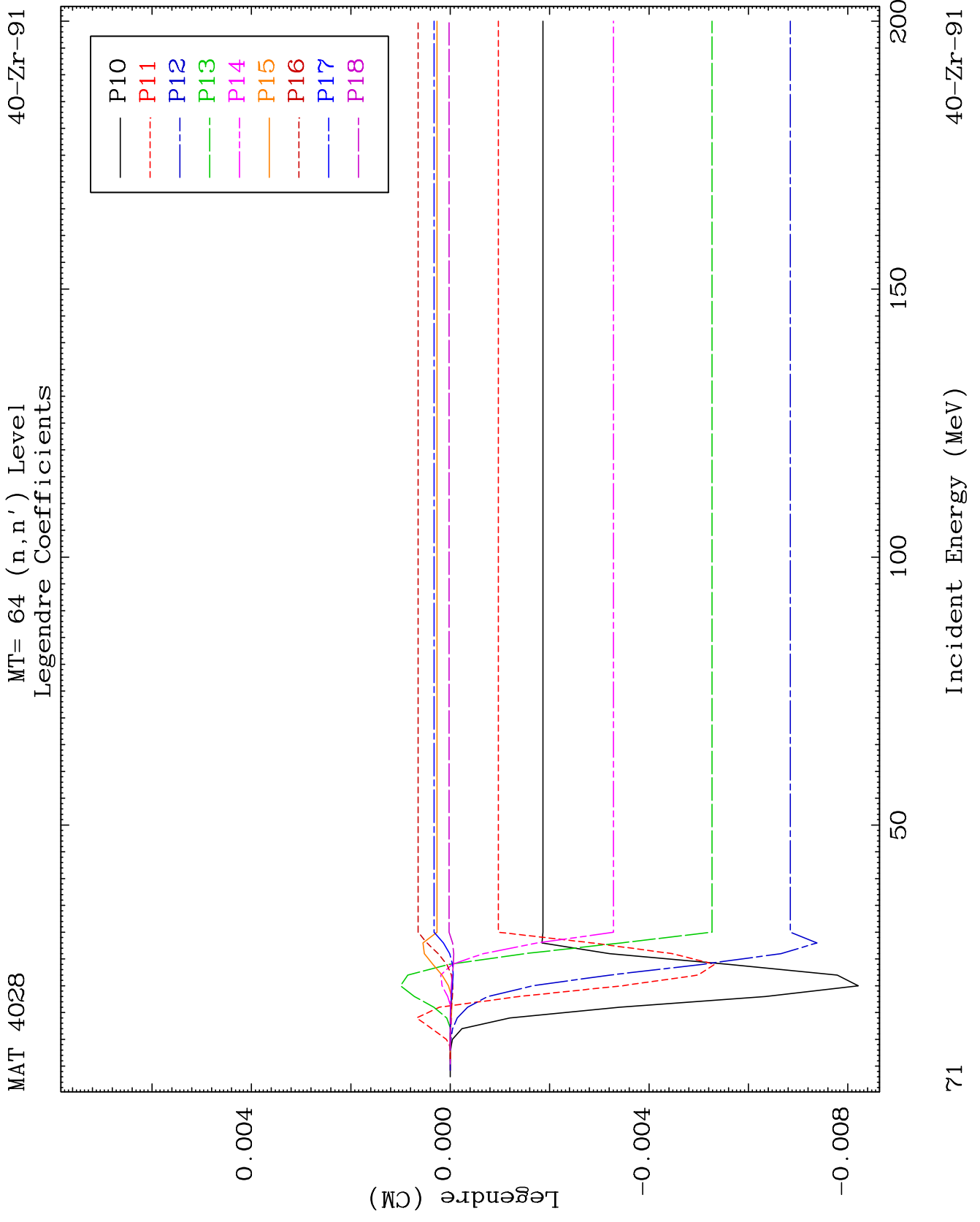
MT= 63 (n,n') Level
Legendre Coefficients

40-Zr-91





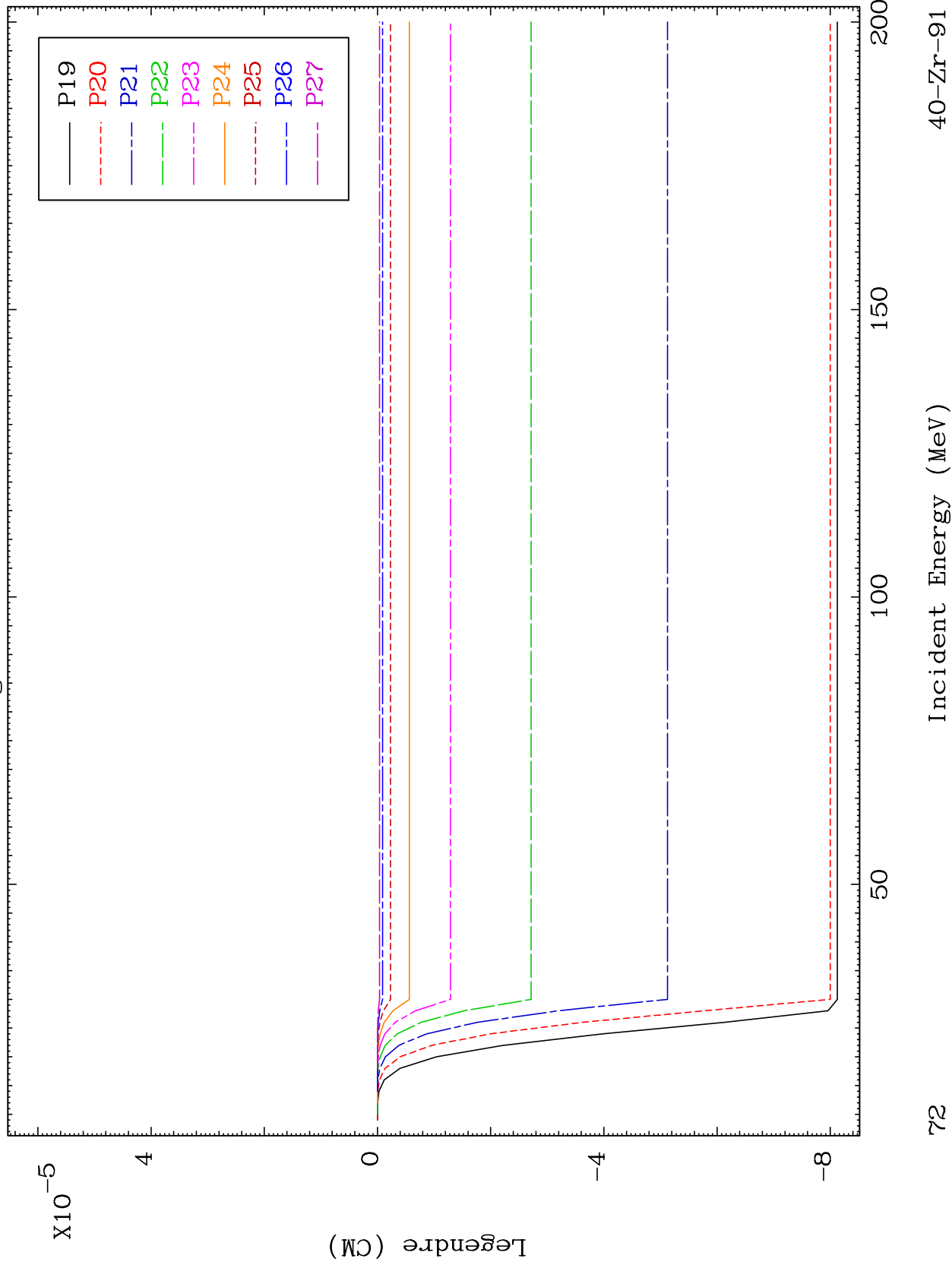


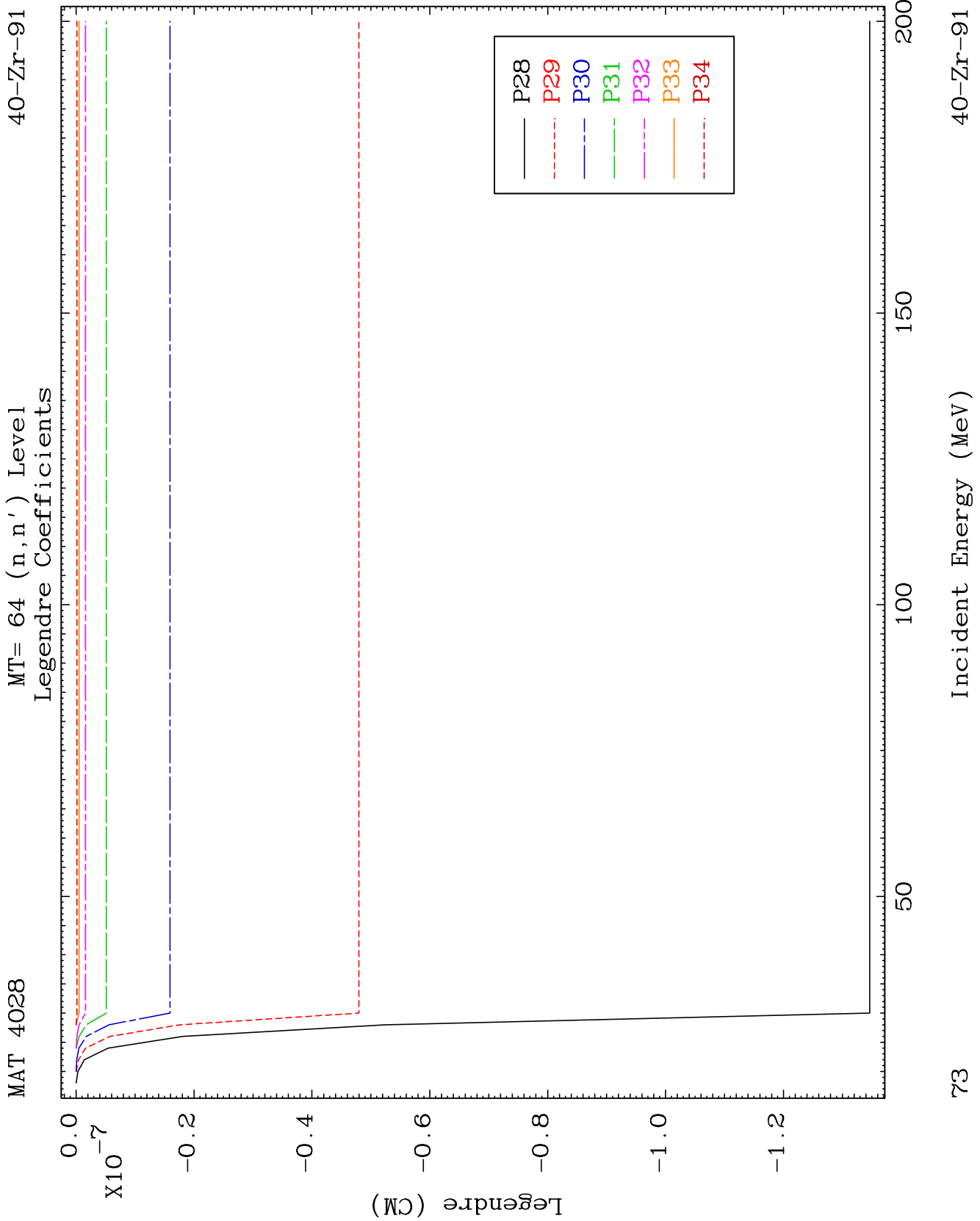


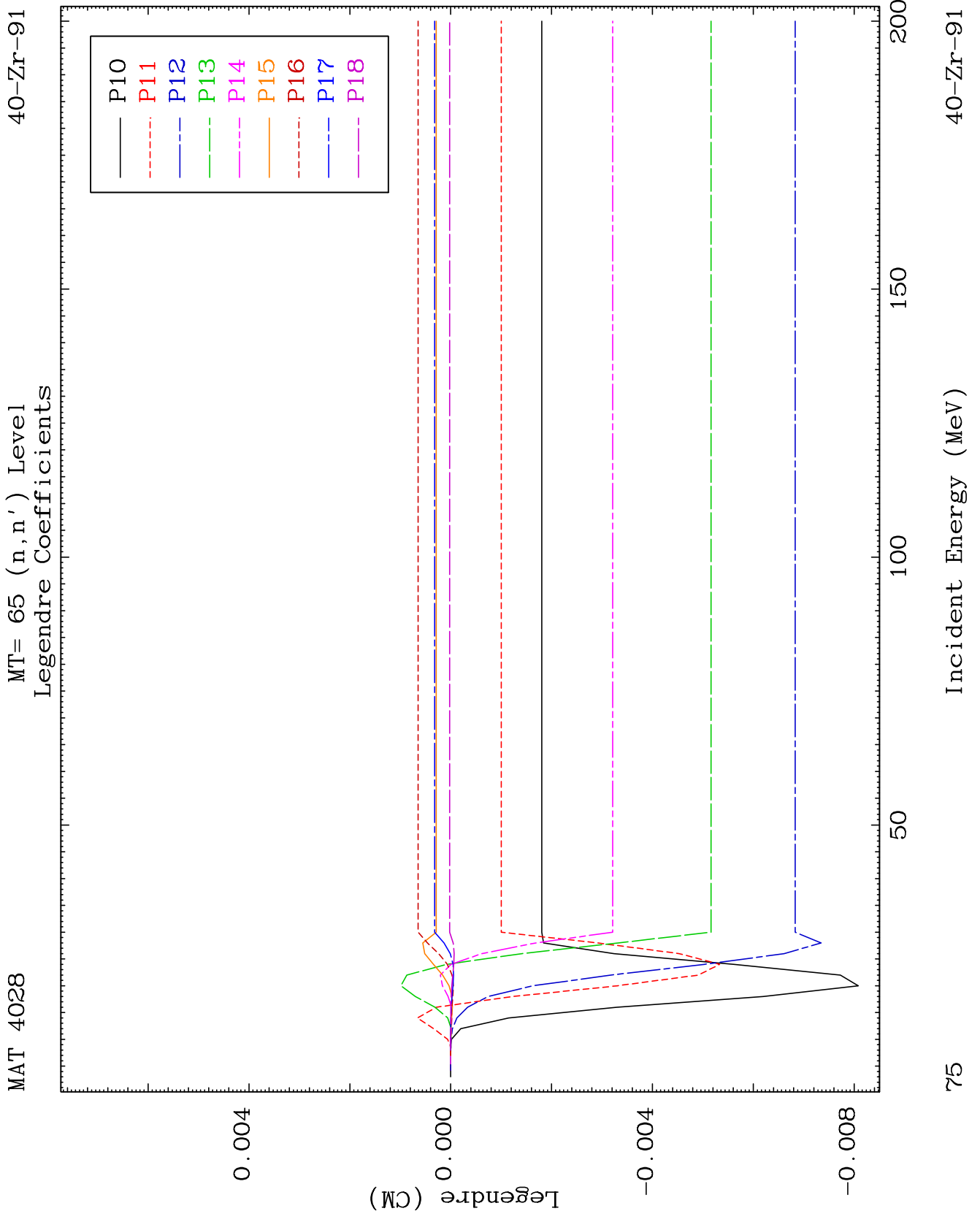
MAT 4028

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

40-Zr-91



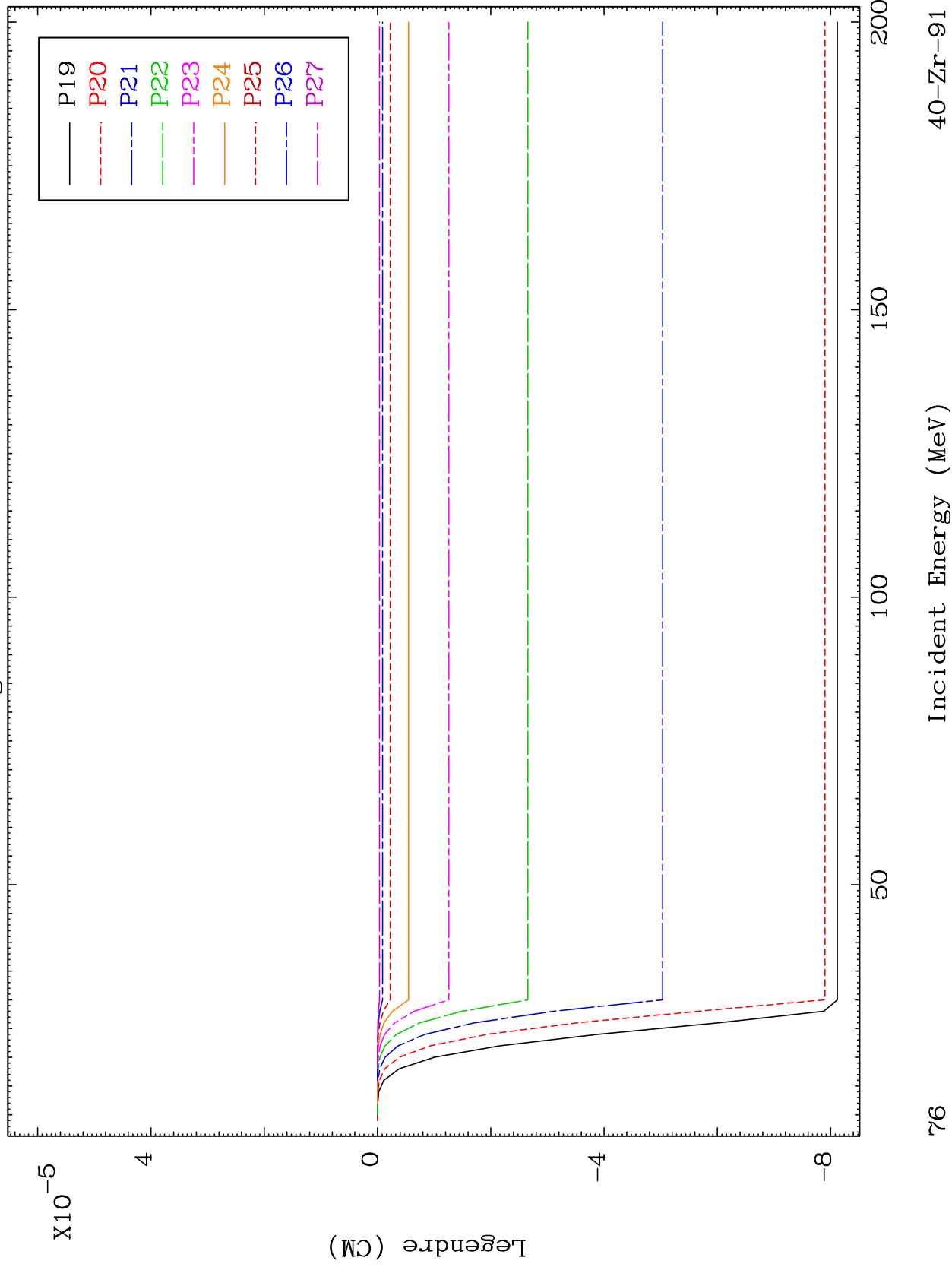




MAT 4028

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

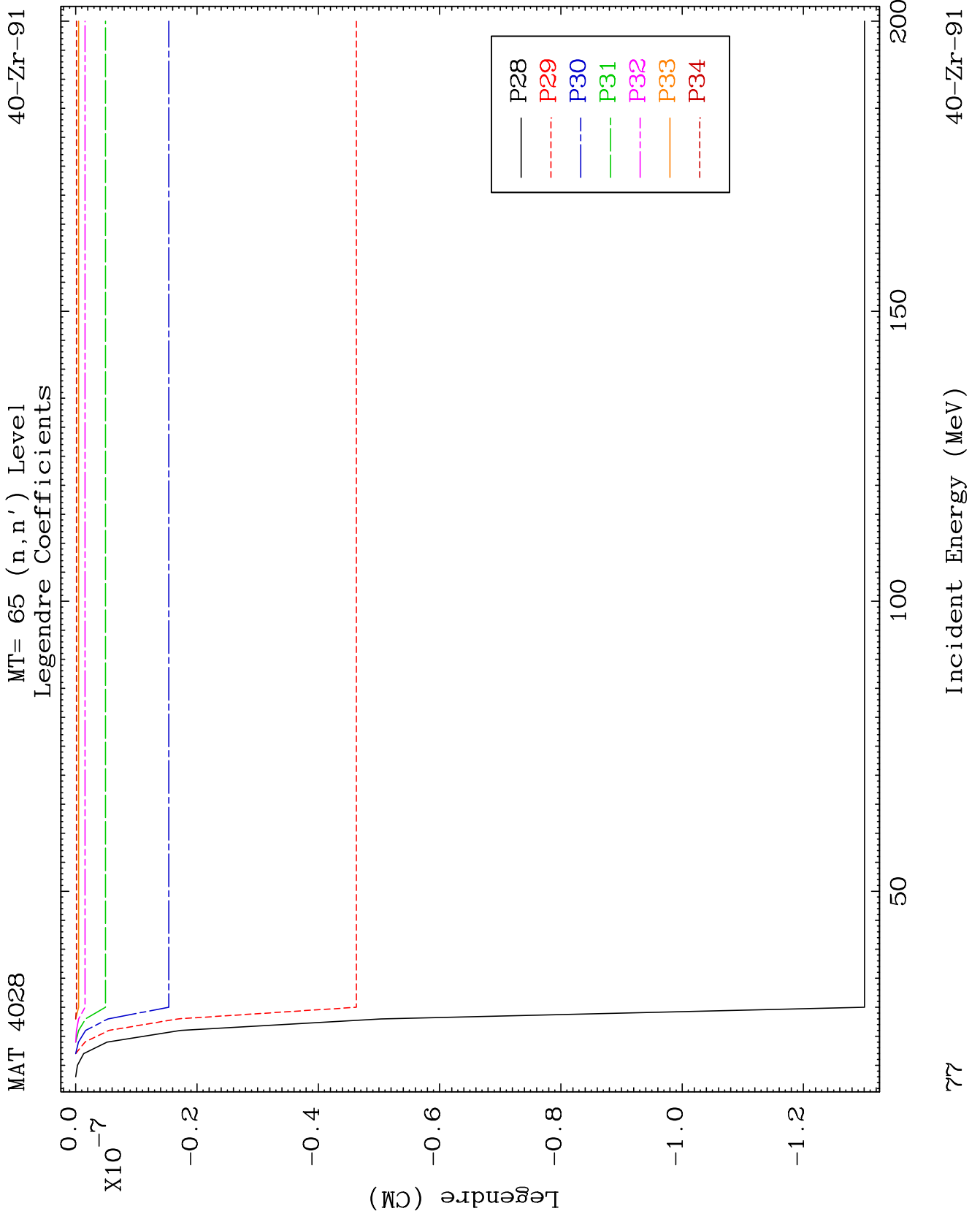
40-Zr-91



76

Incident Energy (MeV)

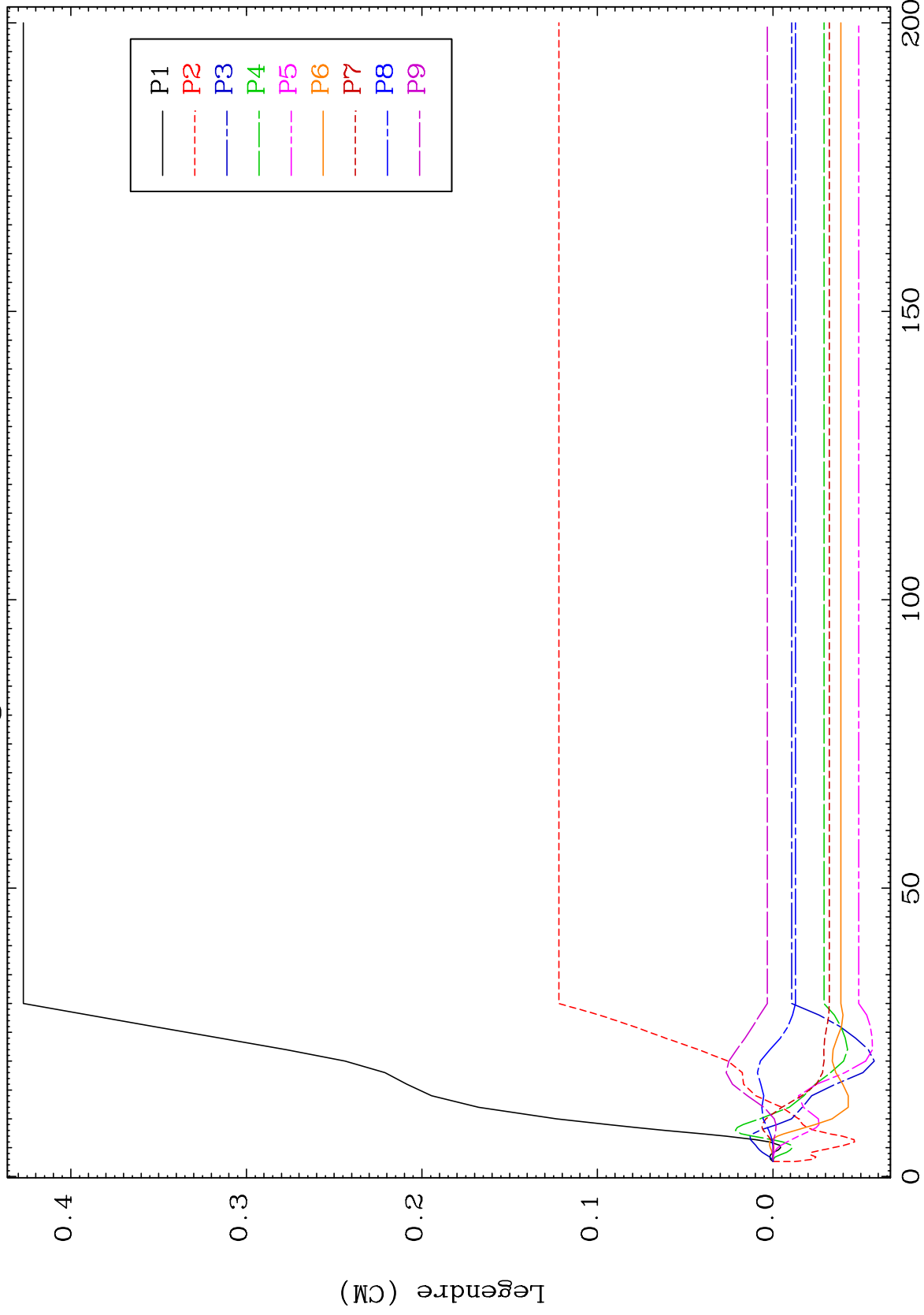
40-Zr-91



MAT 4028

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

40-Zr-91



78

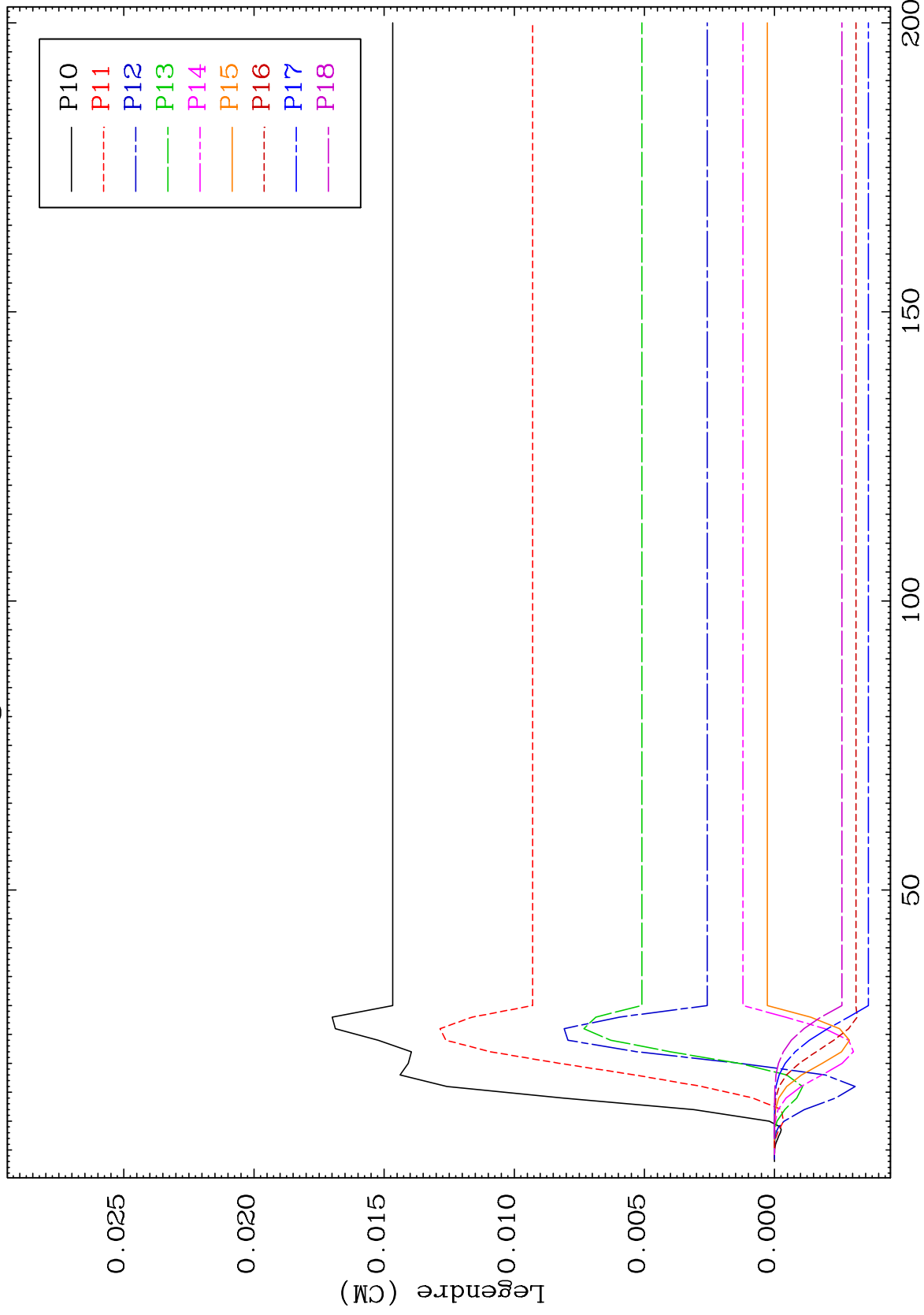
Incident Energy (MeV)

40-Zr-91

MAT 4028

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

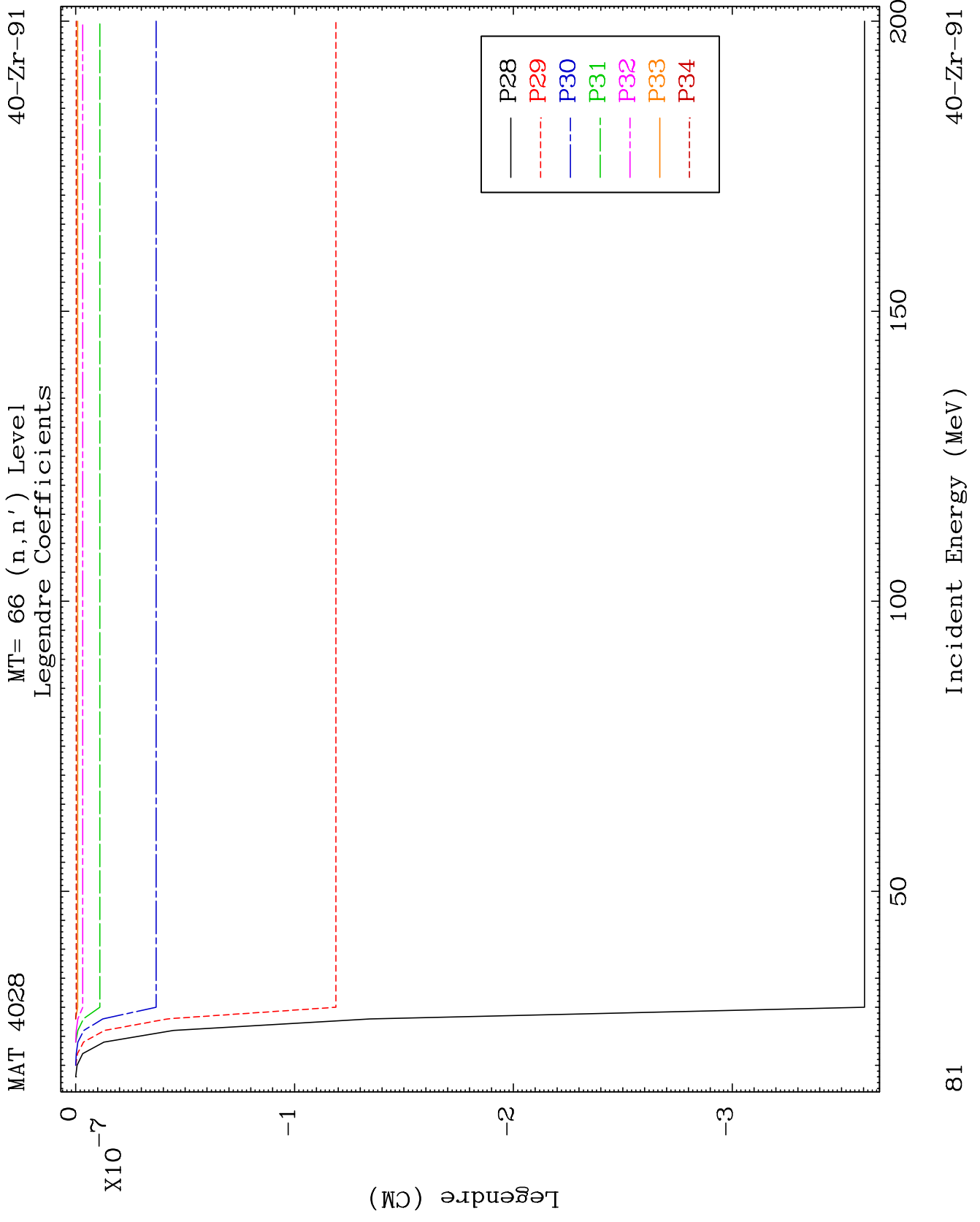
40-Zr-91



79

Incident Energy (MeV)

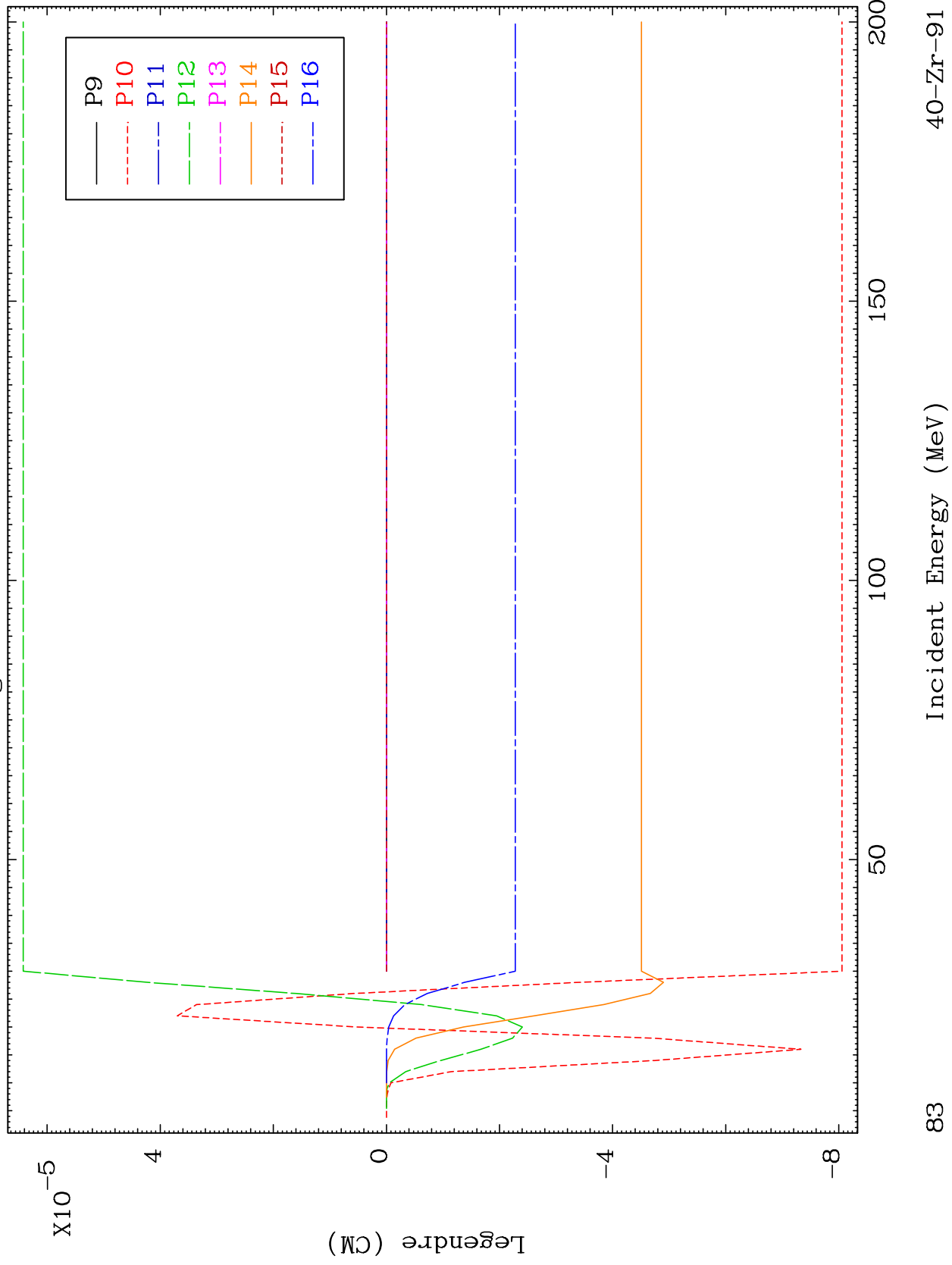
40-Zr-91



MAT 4028

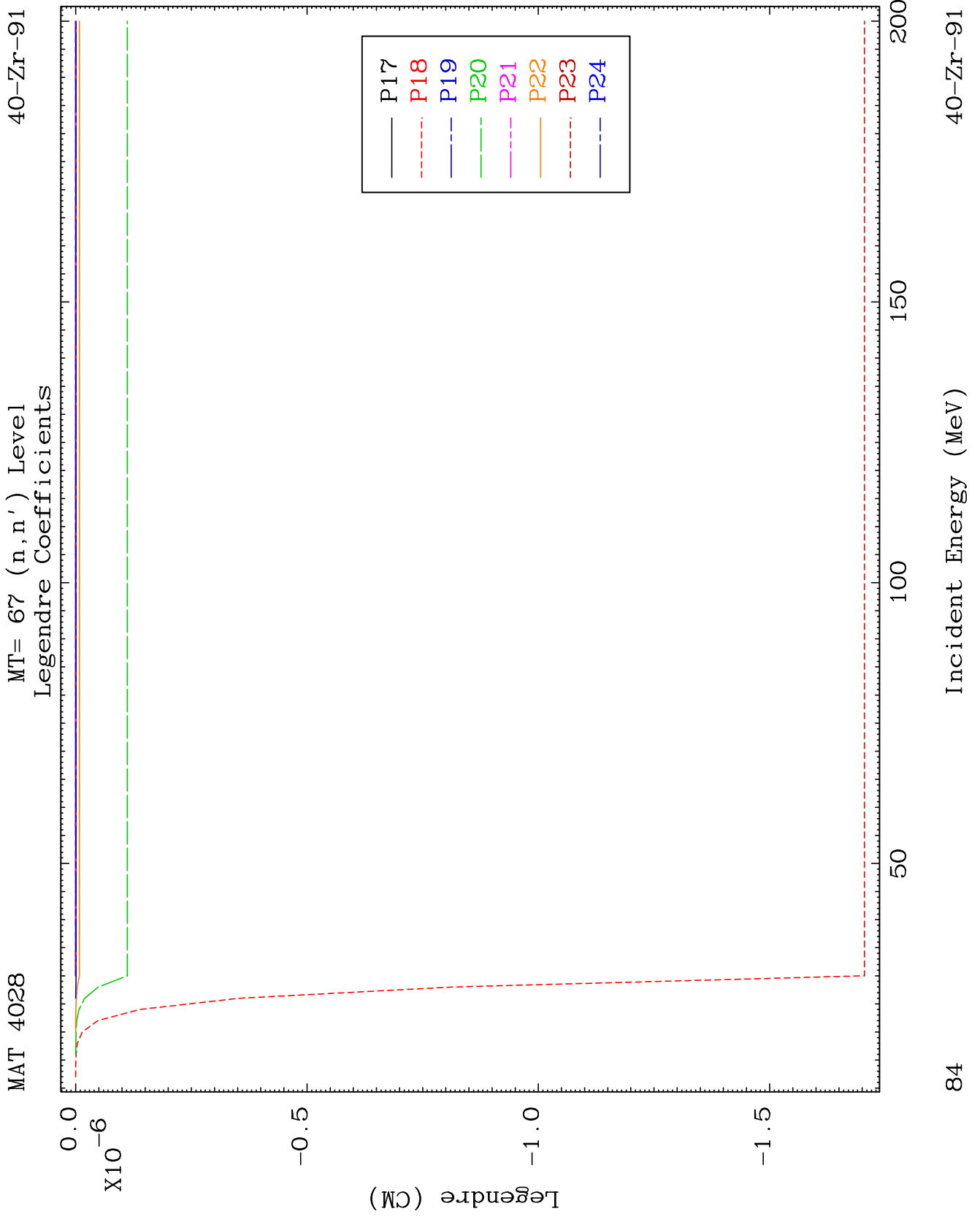
MT= 67 (n,n') Level
Legendre Coefficients

40-Zr-91



83

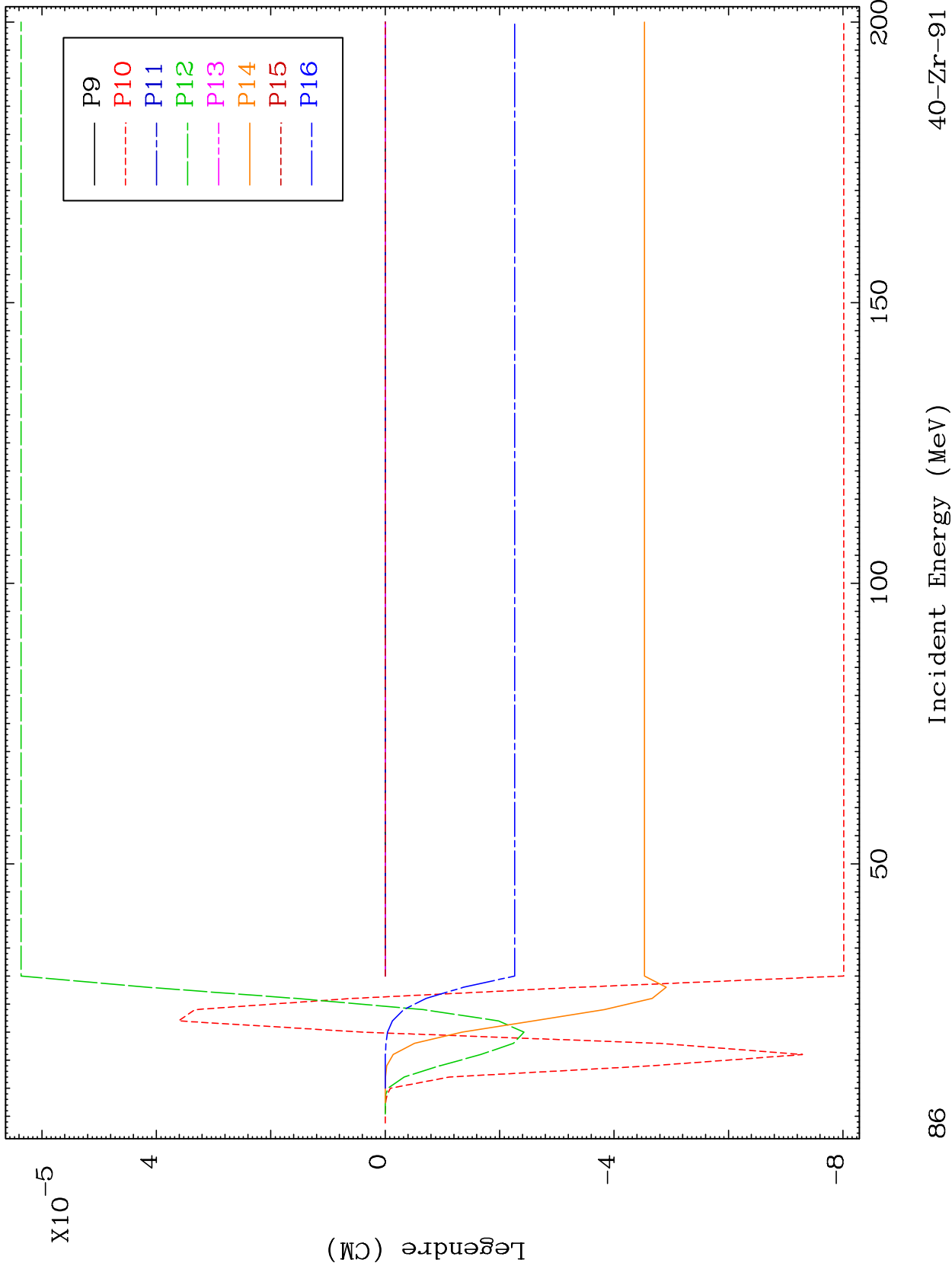
40-Zr-91



MAT 4028

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

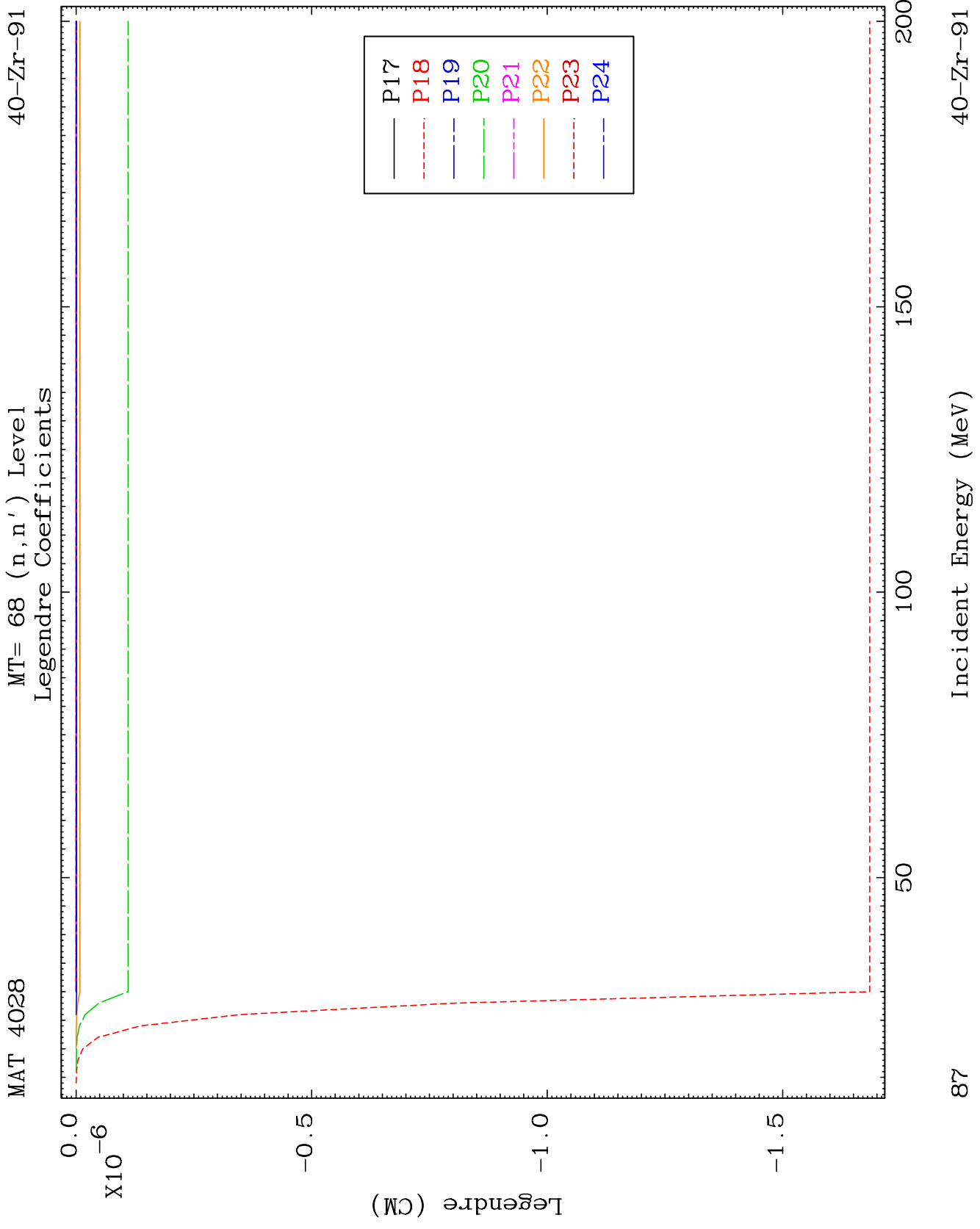
40-Zr-91



86

Incident Energy (MeV)

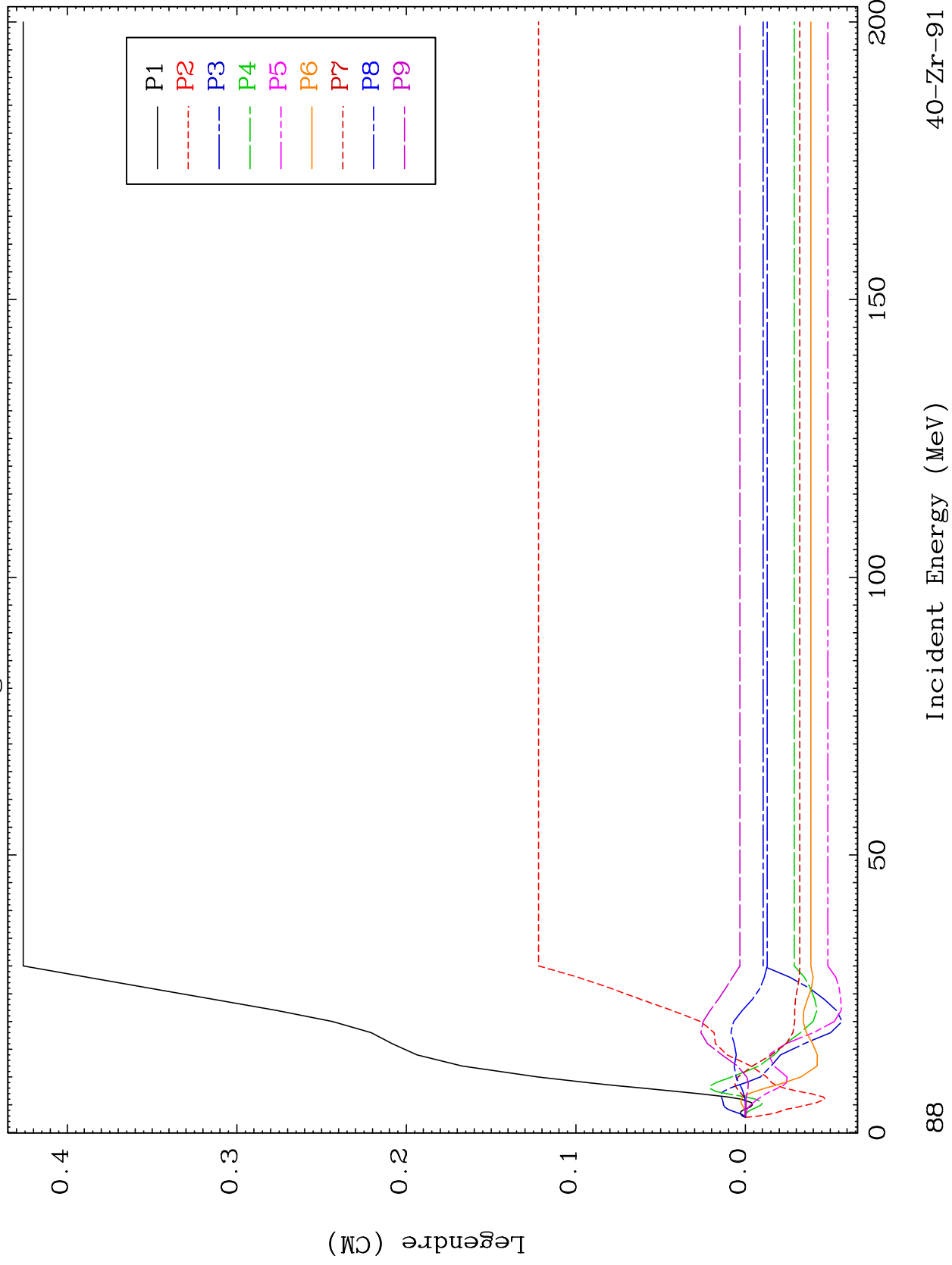
40-Zr-91



MAT 4028

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

40-Zr-91



88

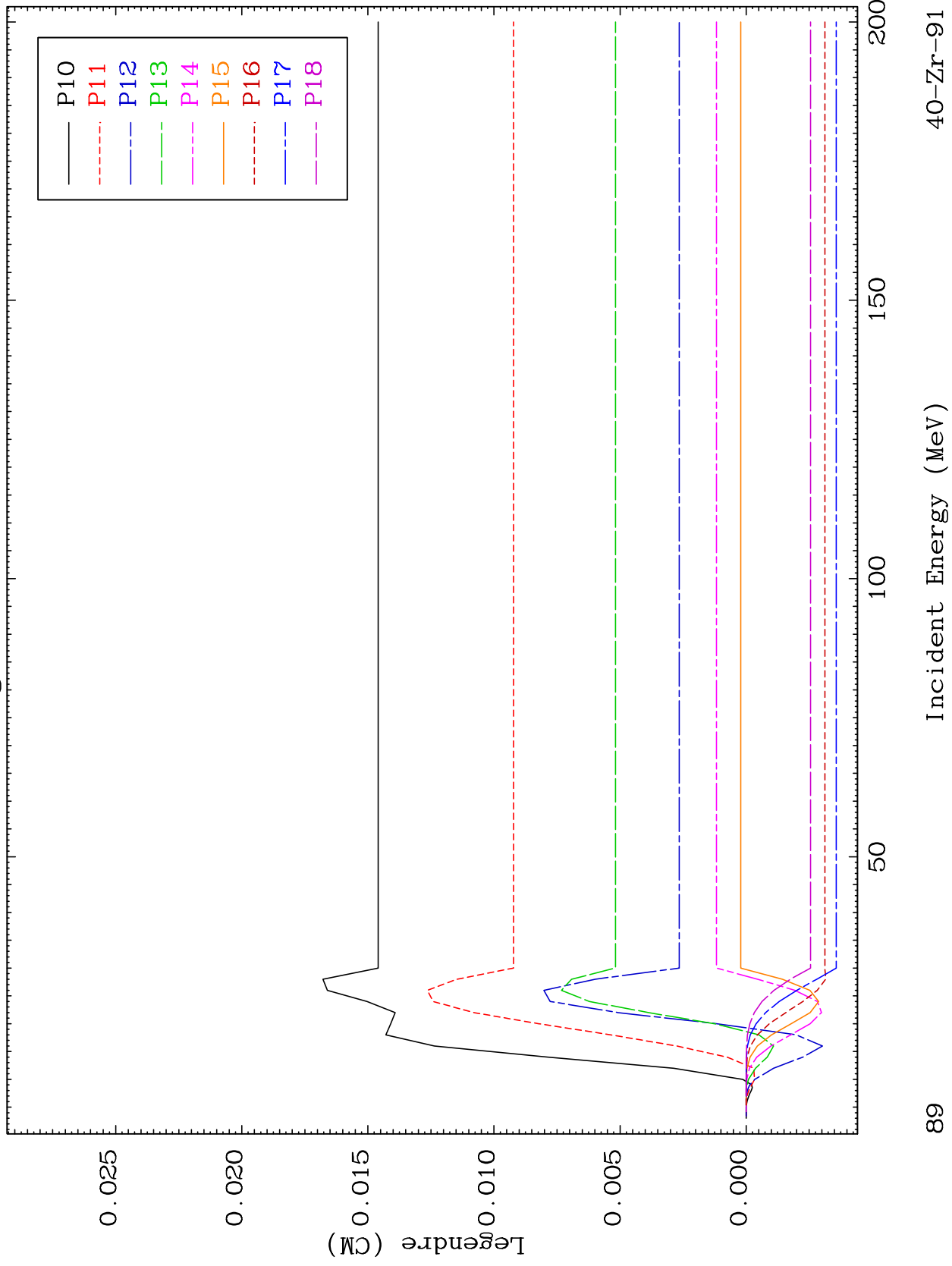
Incident Energy (MeV)

40-Zr-91

MAT 4028

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

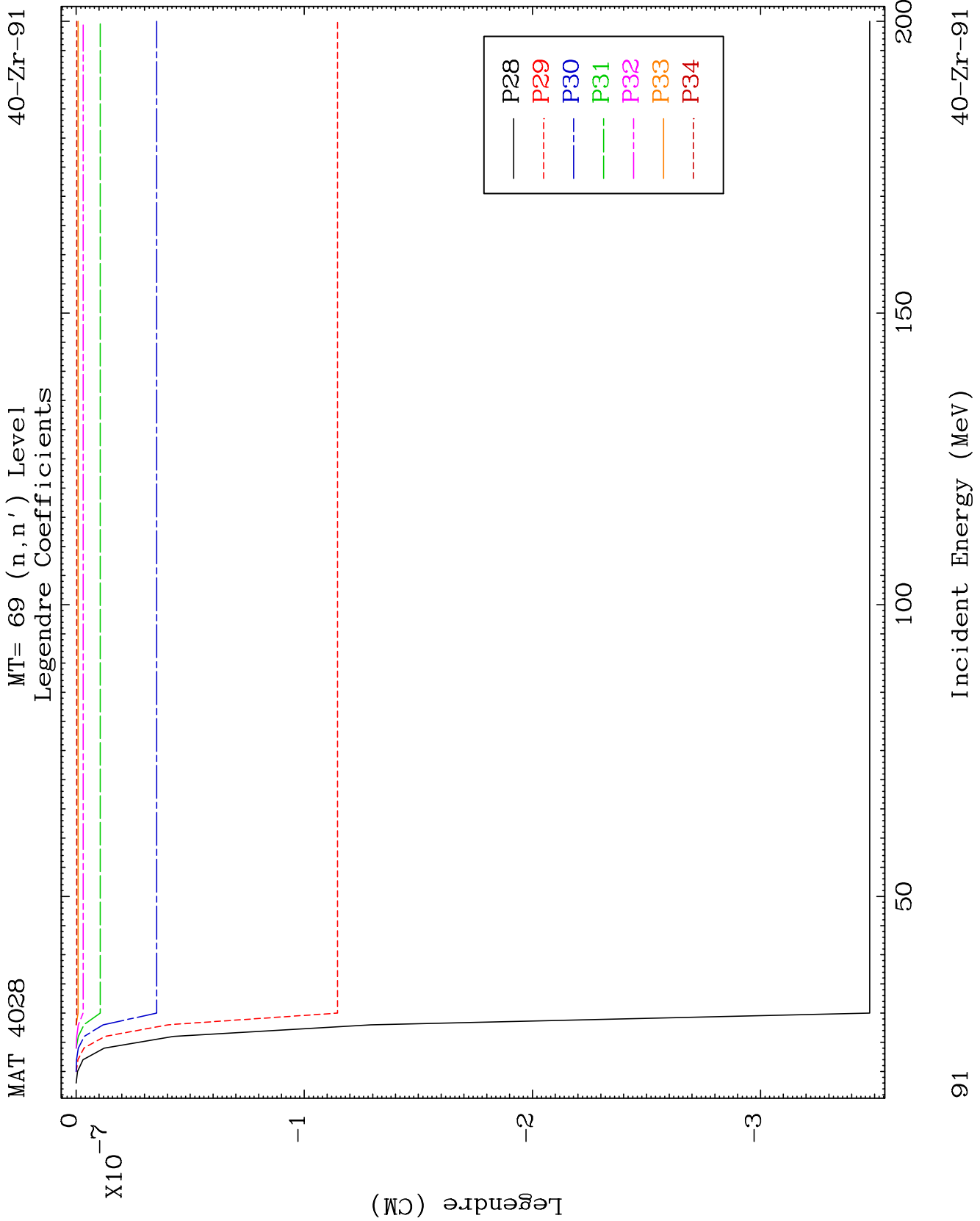
40-Zr-91

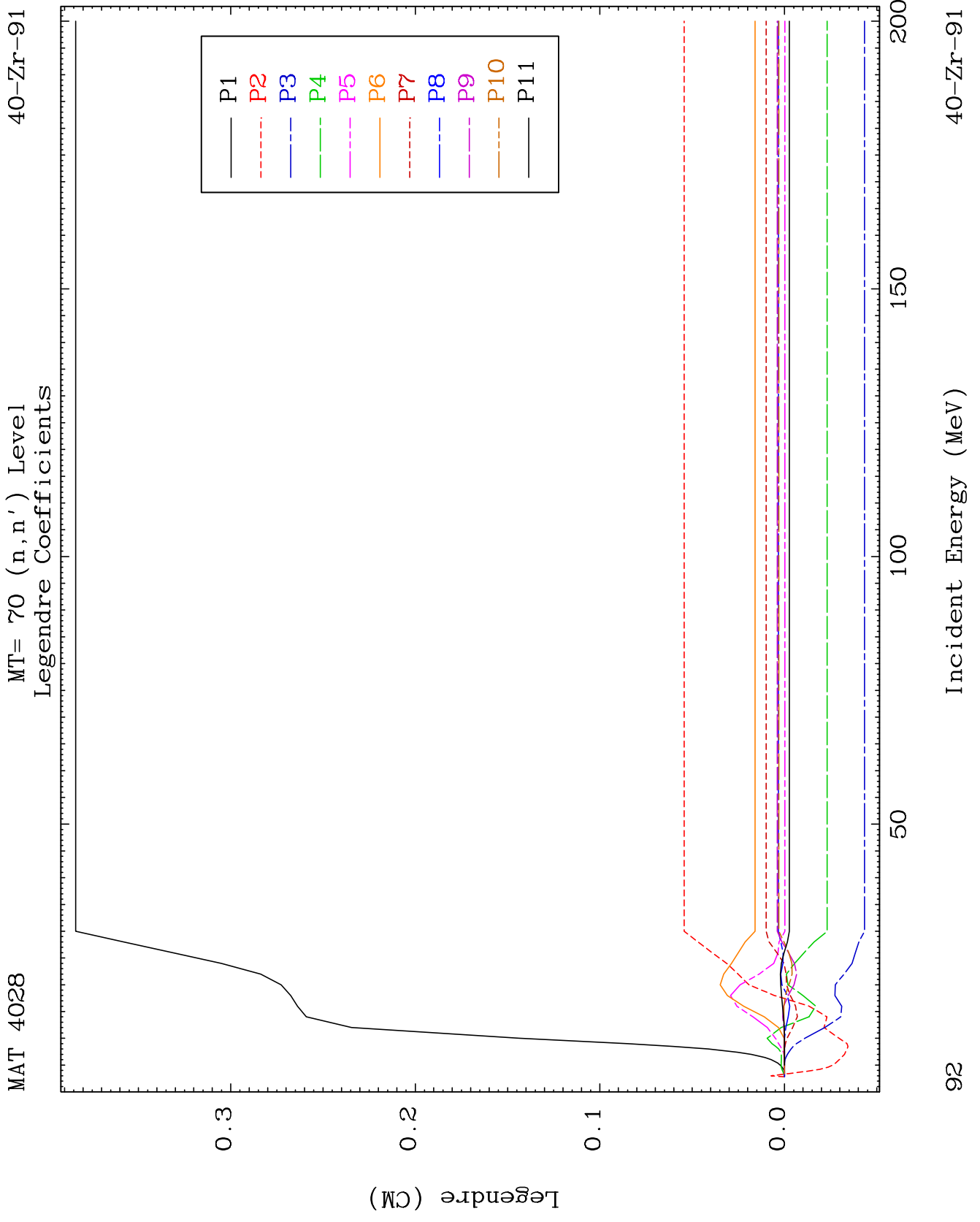


89

Incident Energy (MeV)

40-Zr-91

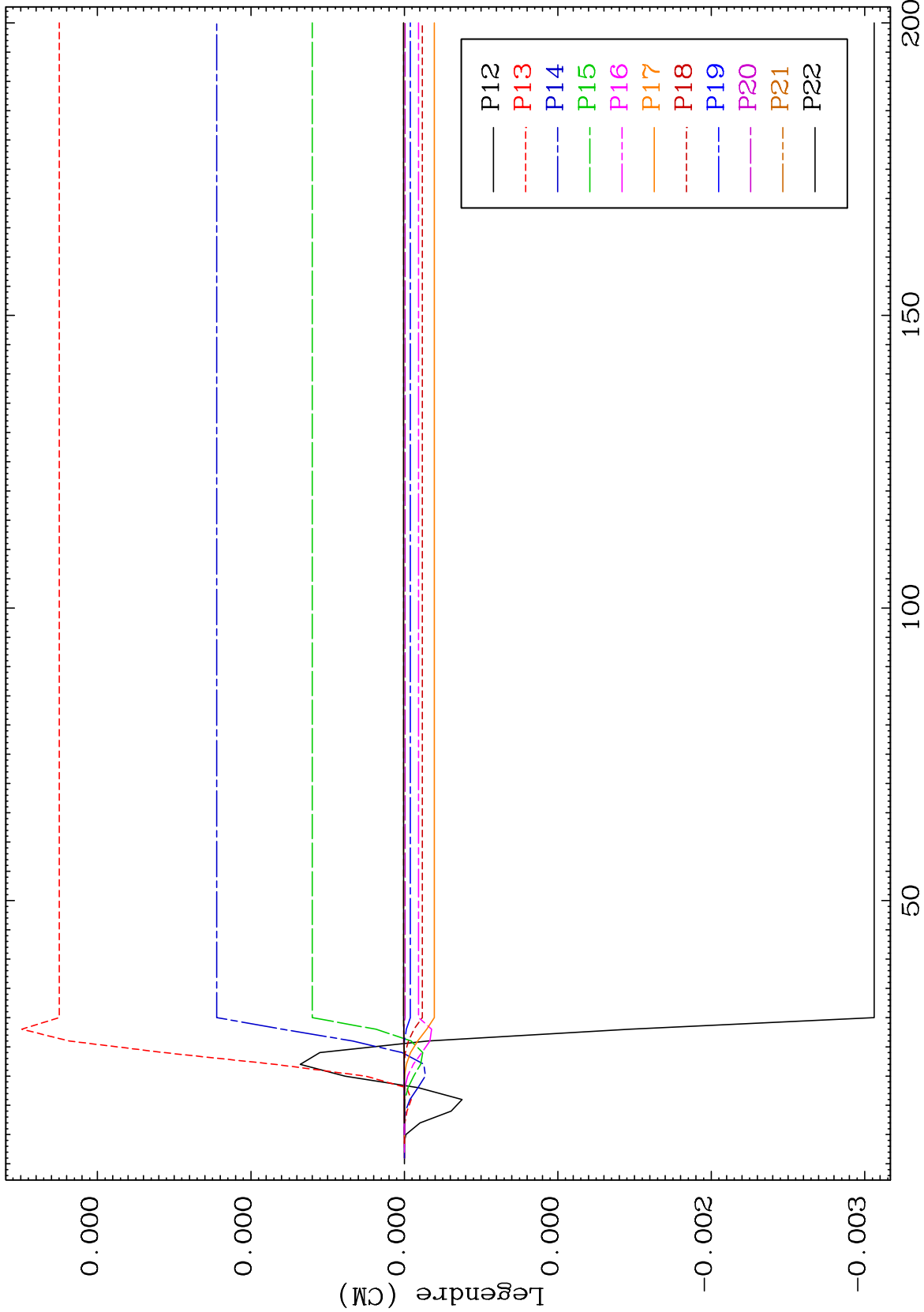




MAT 4028

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

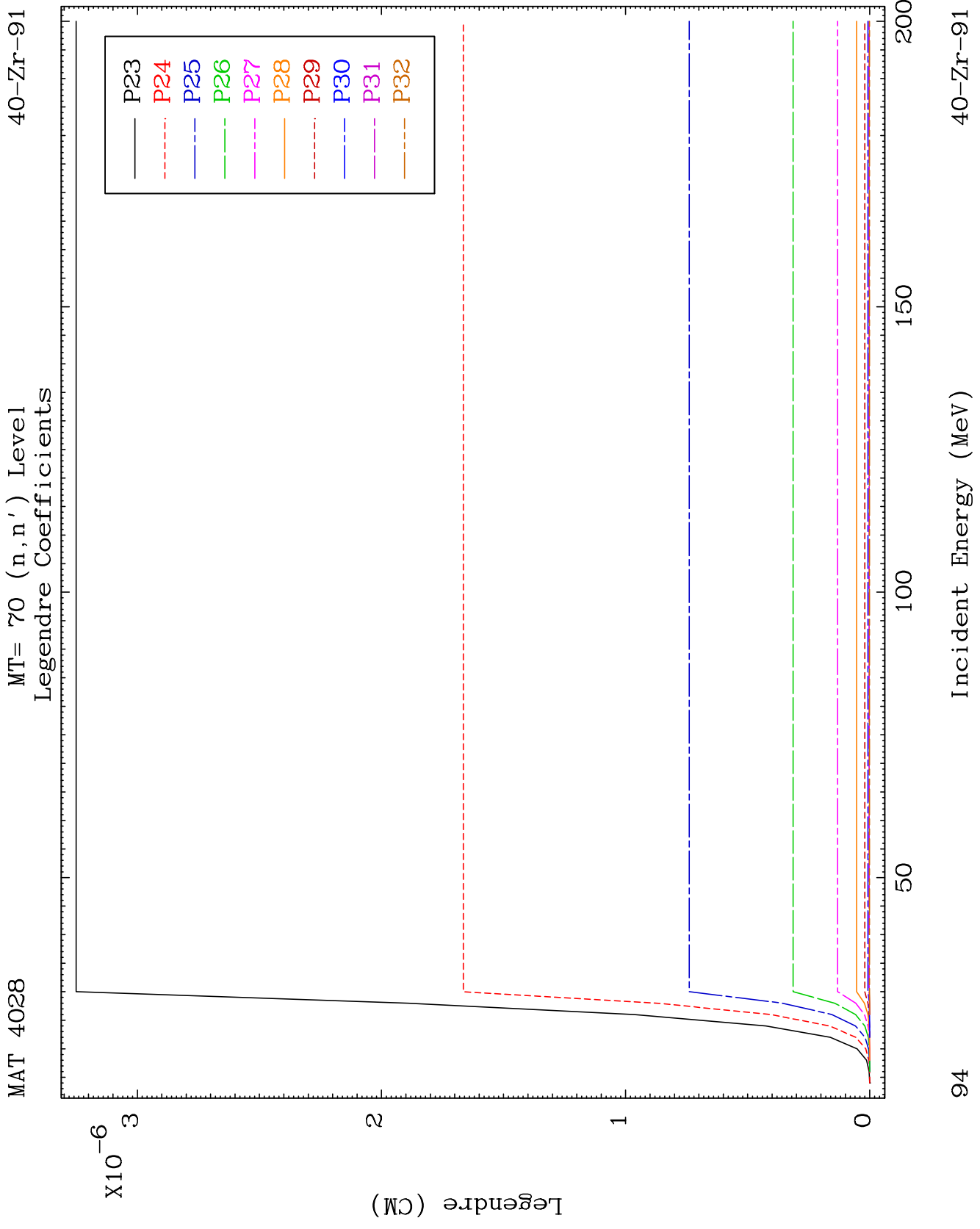
40-Zr-91

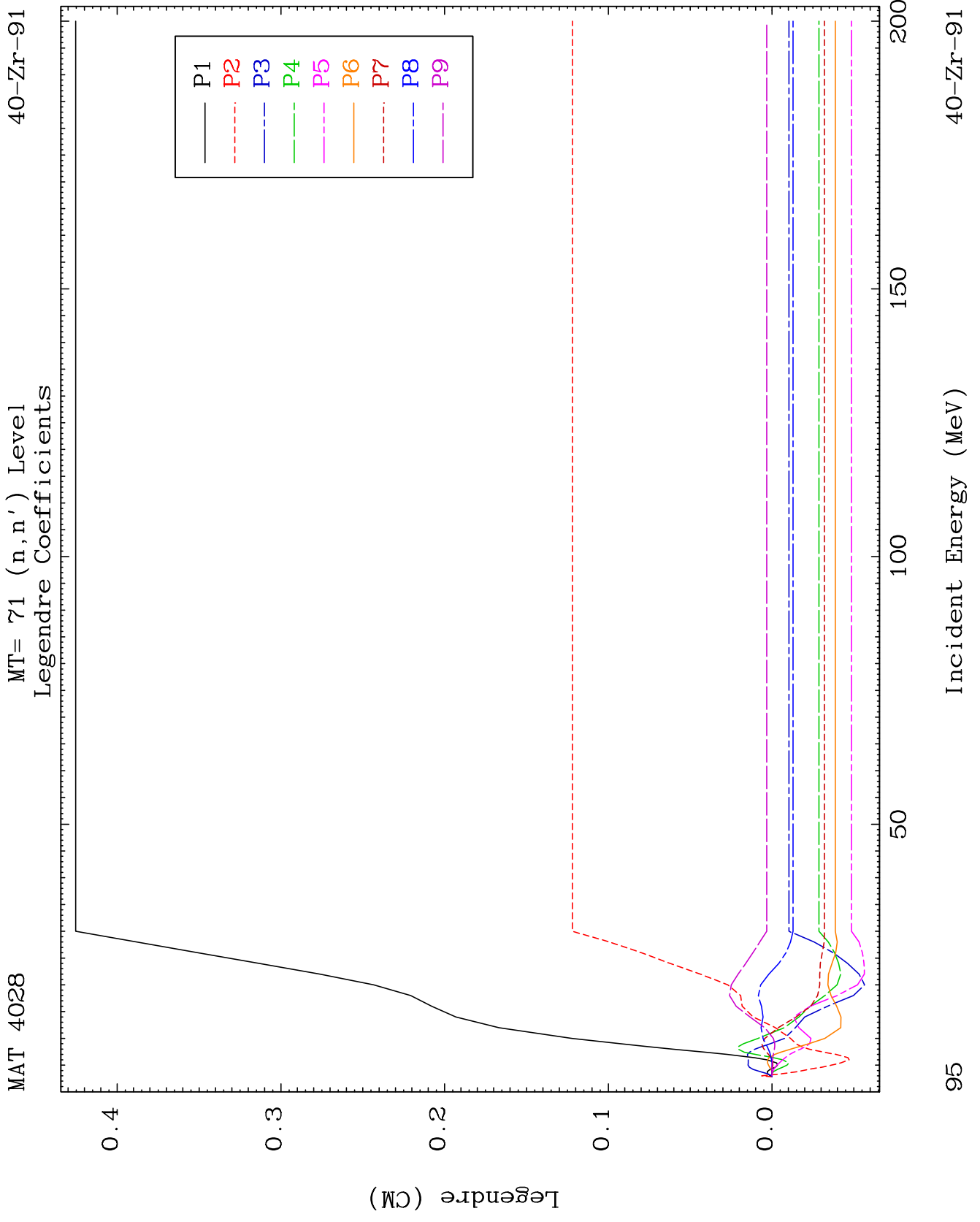


93

Incident Energy (MeV)

40-Zr-91

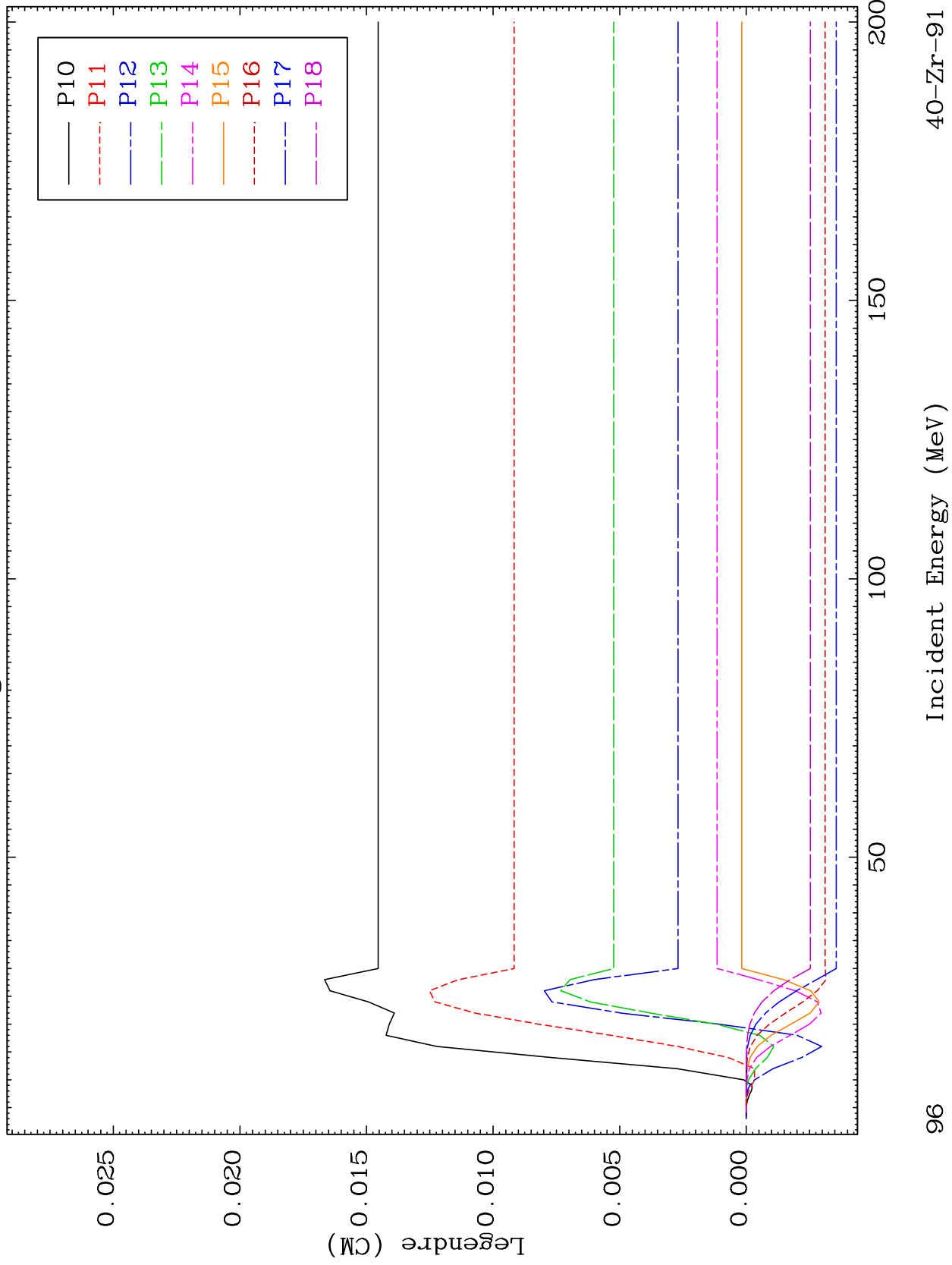




MAT 4028

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

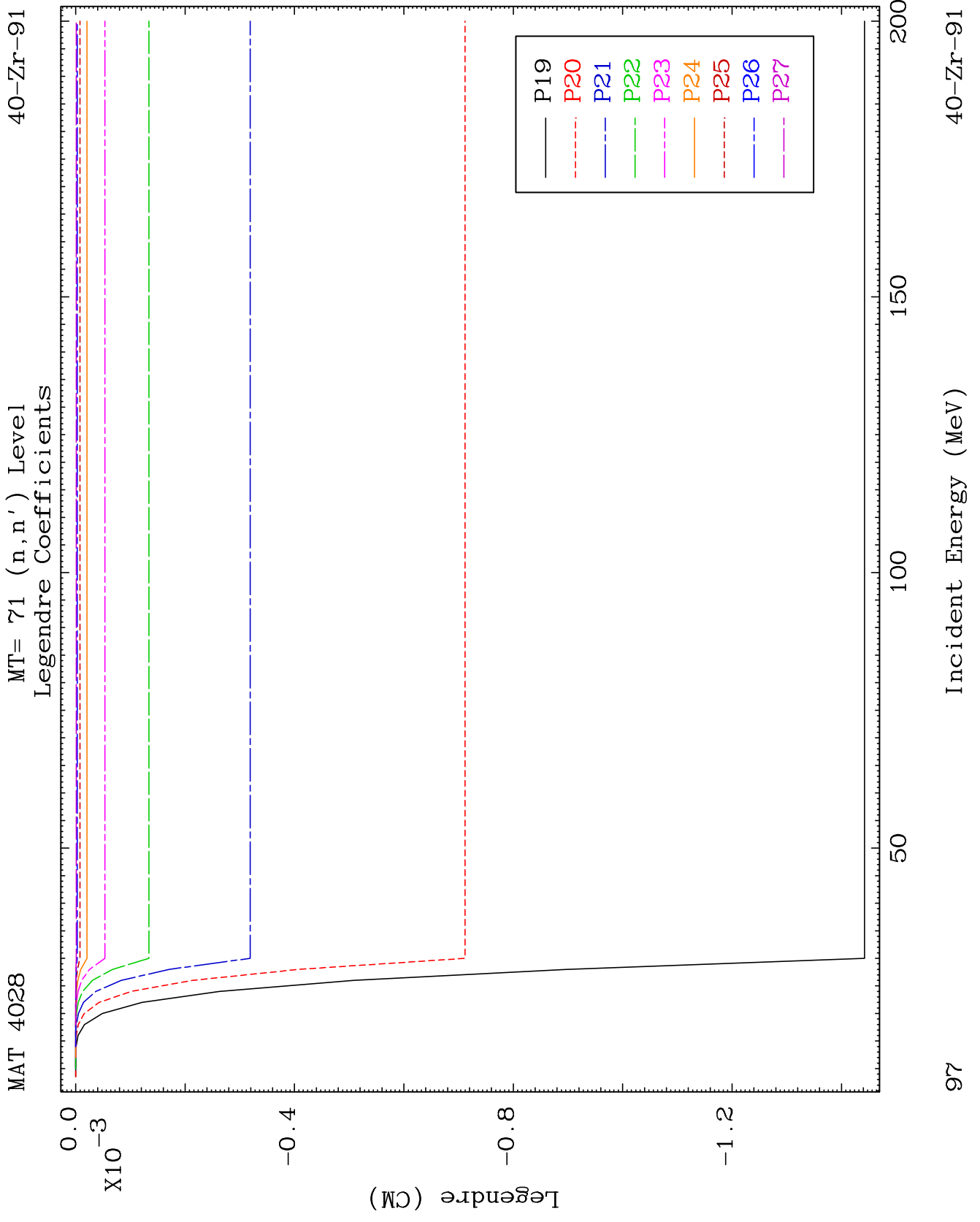
40-Zr-91

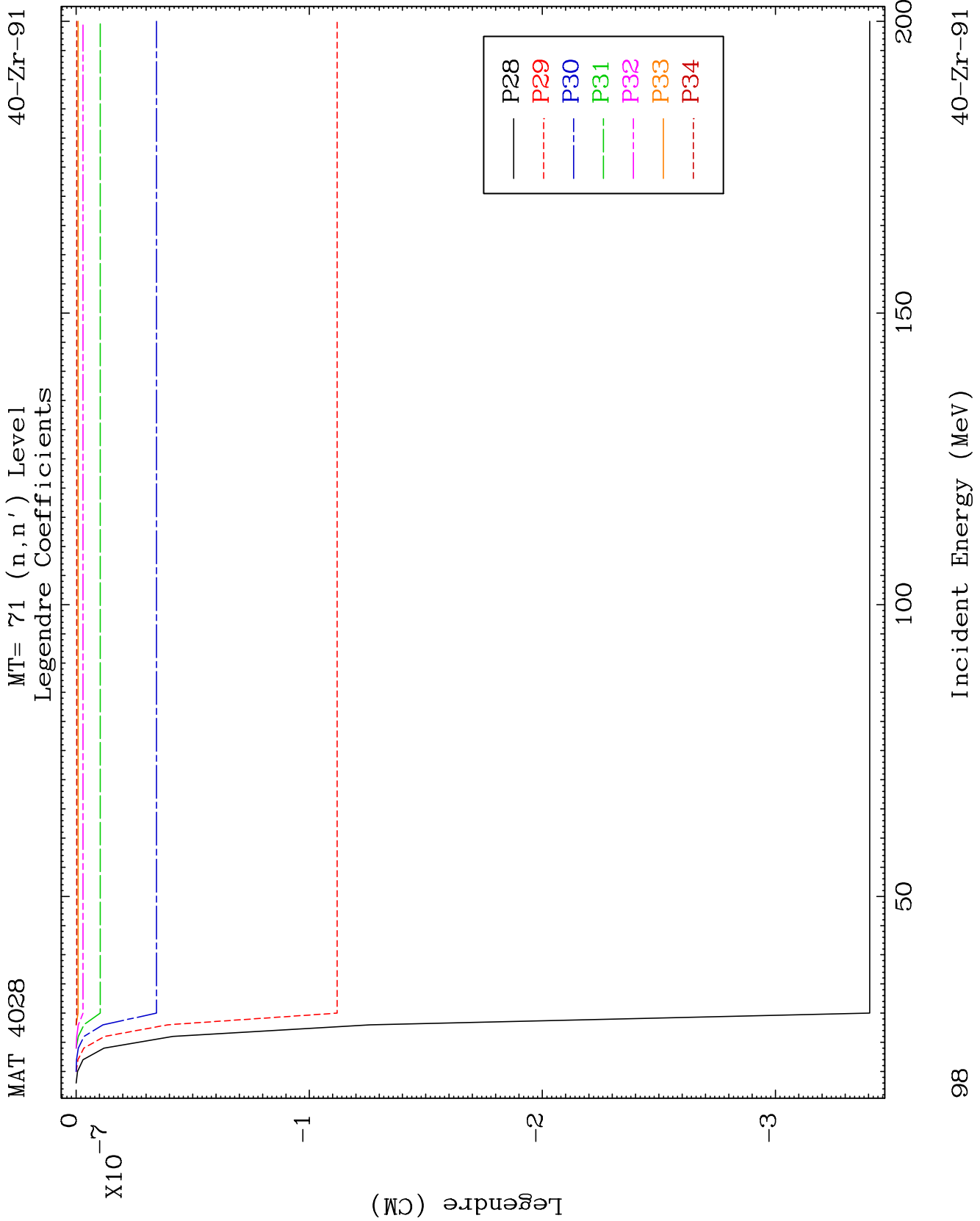


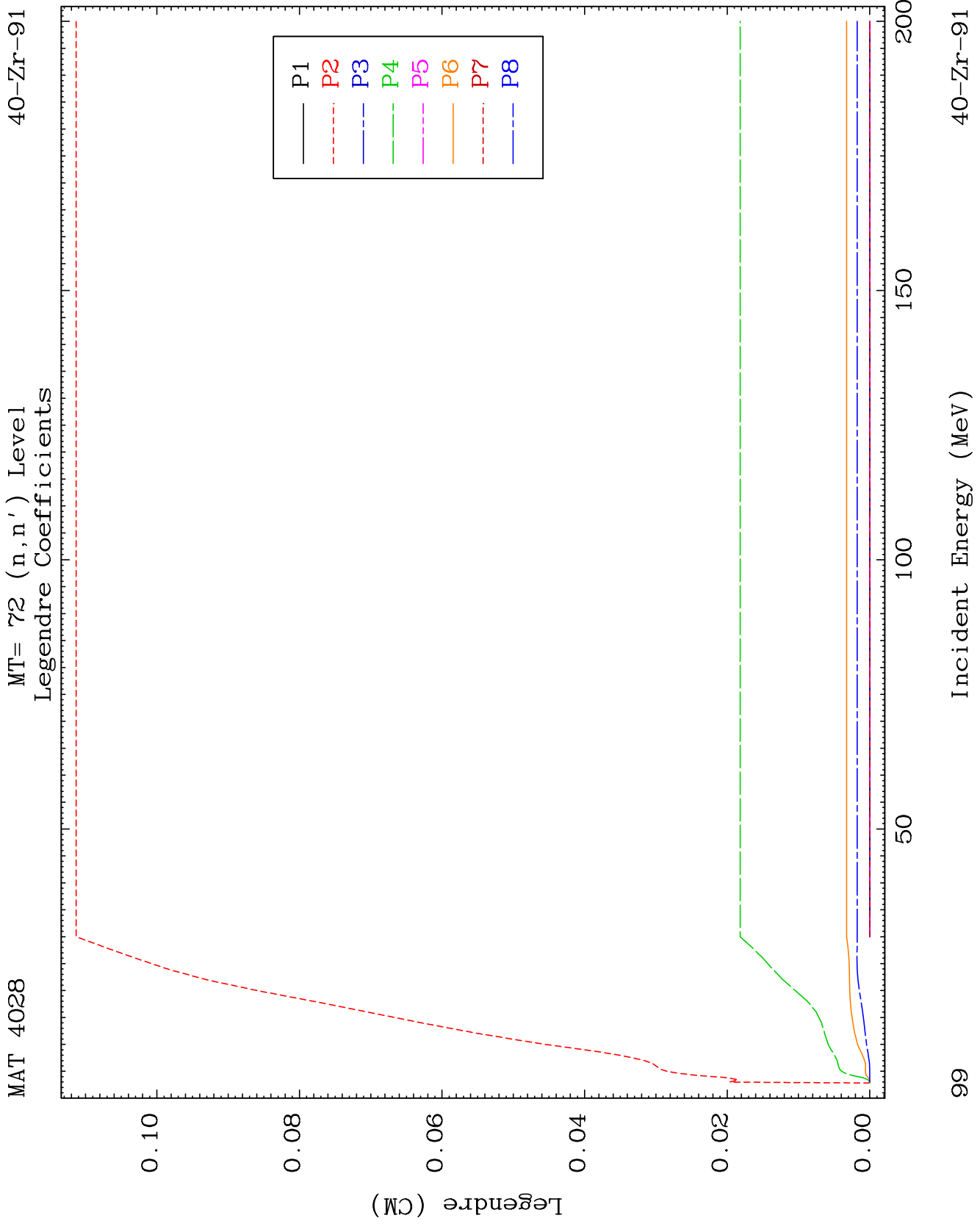
96

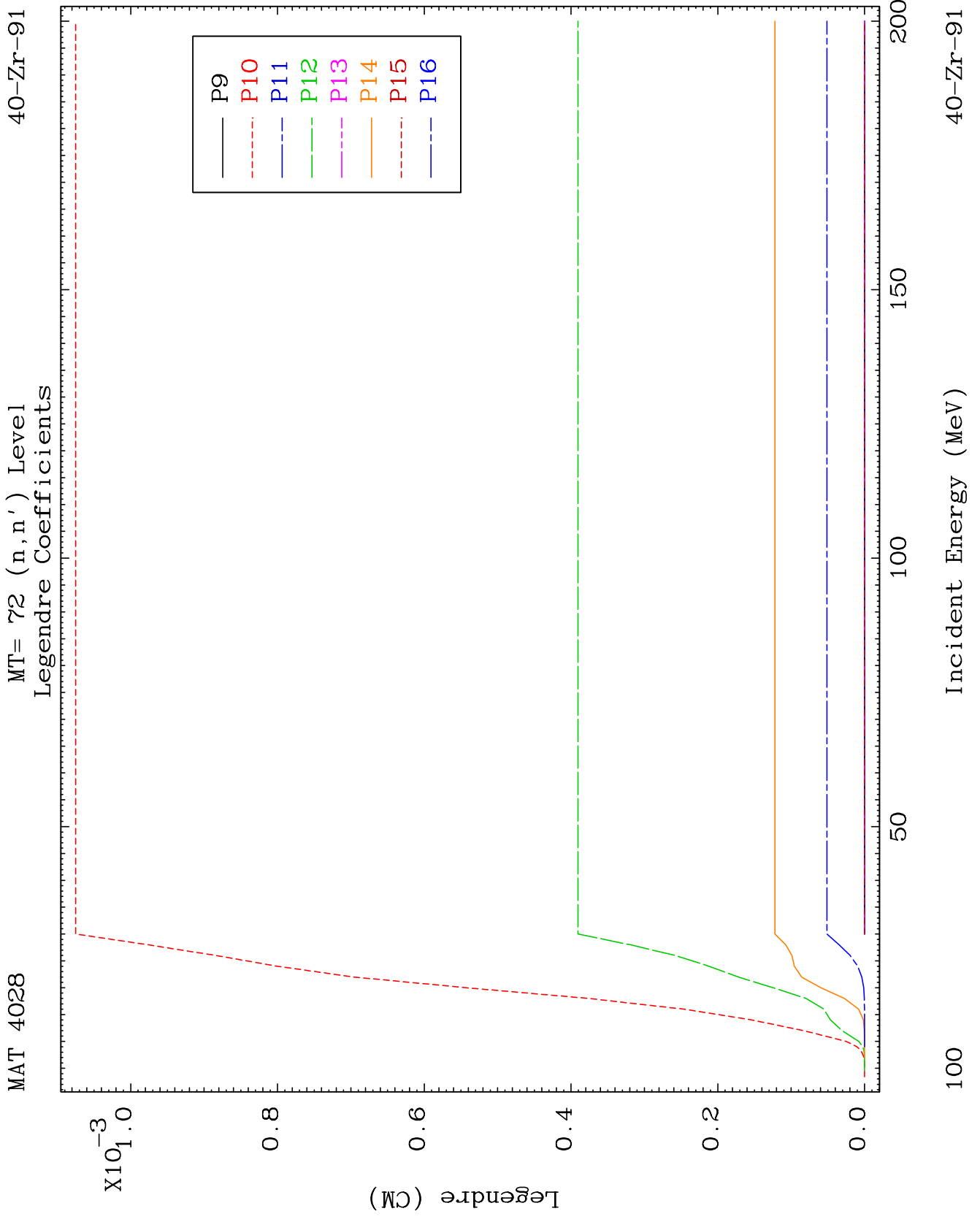
Incident Energy (MeV)

40-Zr-91





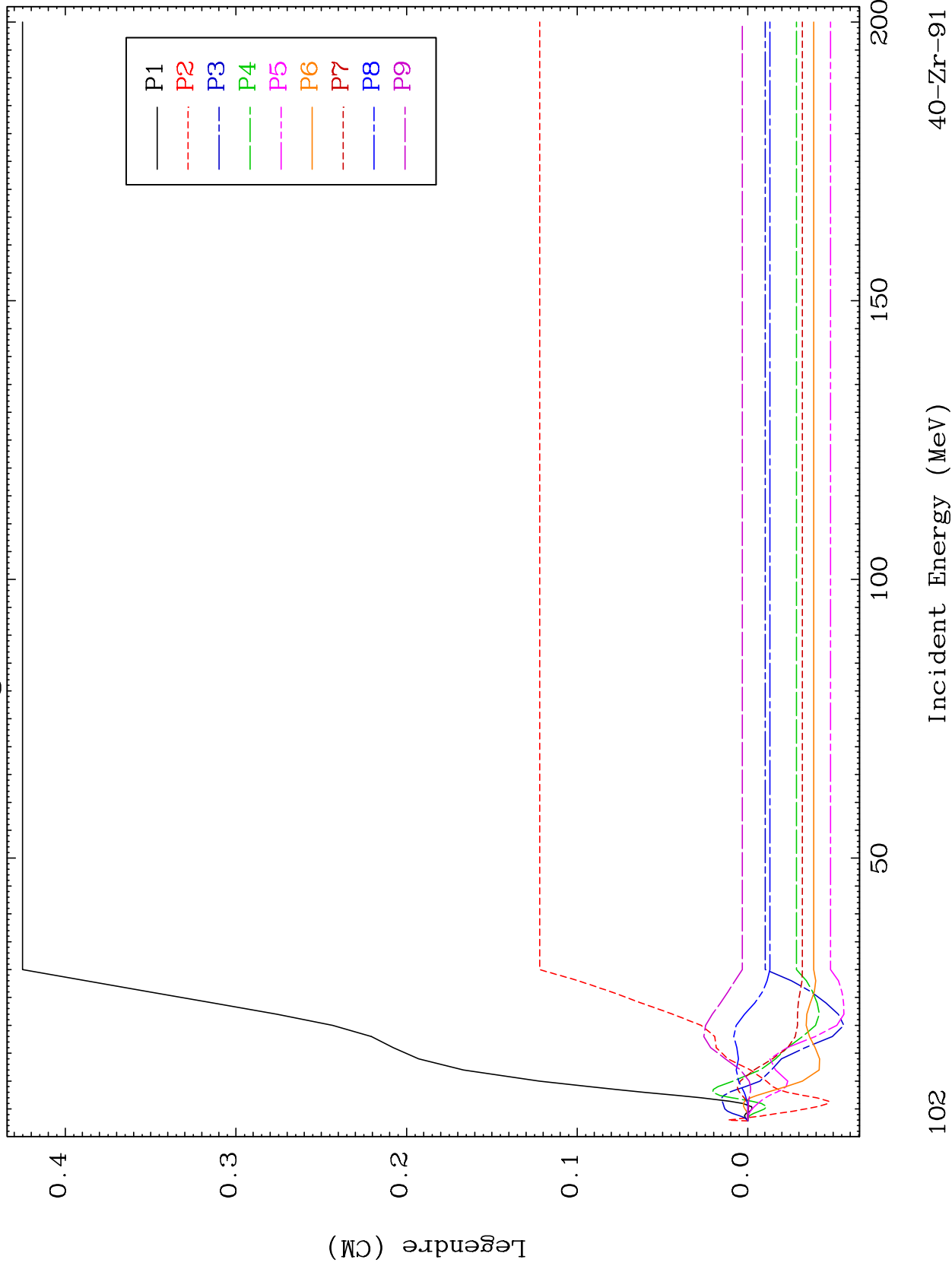




MAT 4028

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

40-Zr-91



102

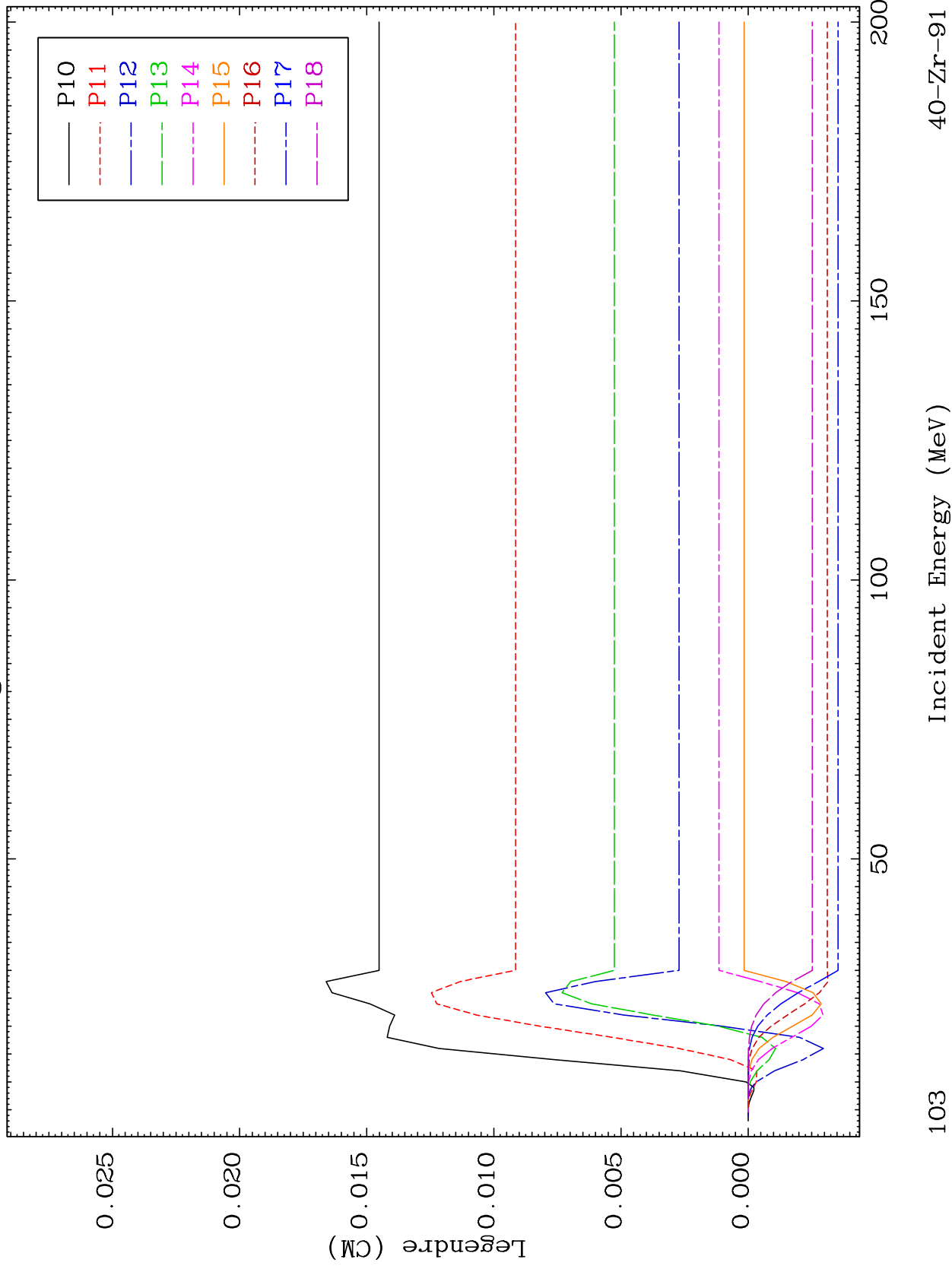
Incident Energy (MeV)

40-Zr-91

MAT 4028

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

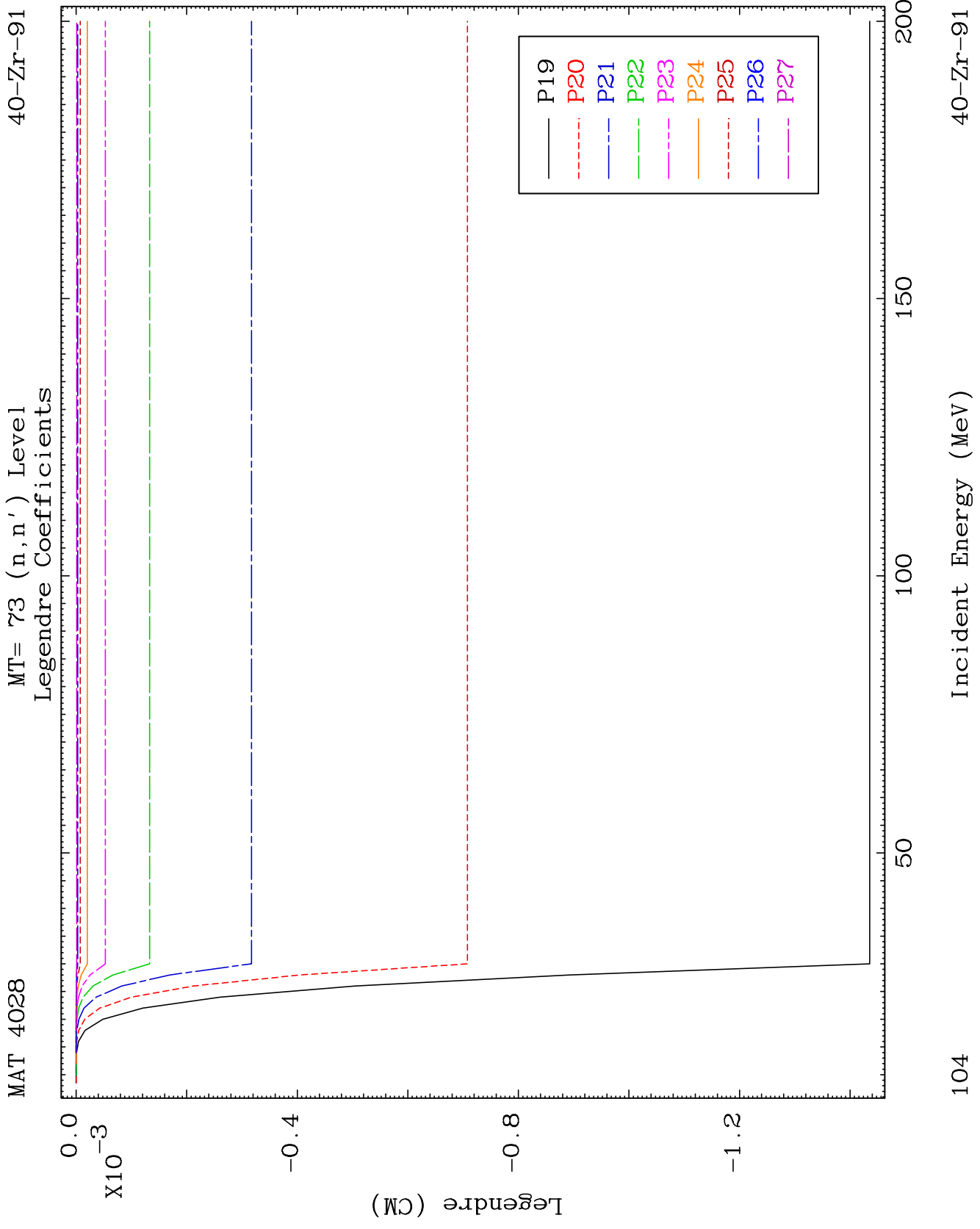
40-Zr-91

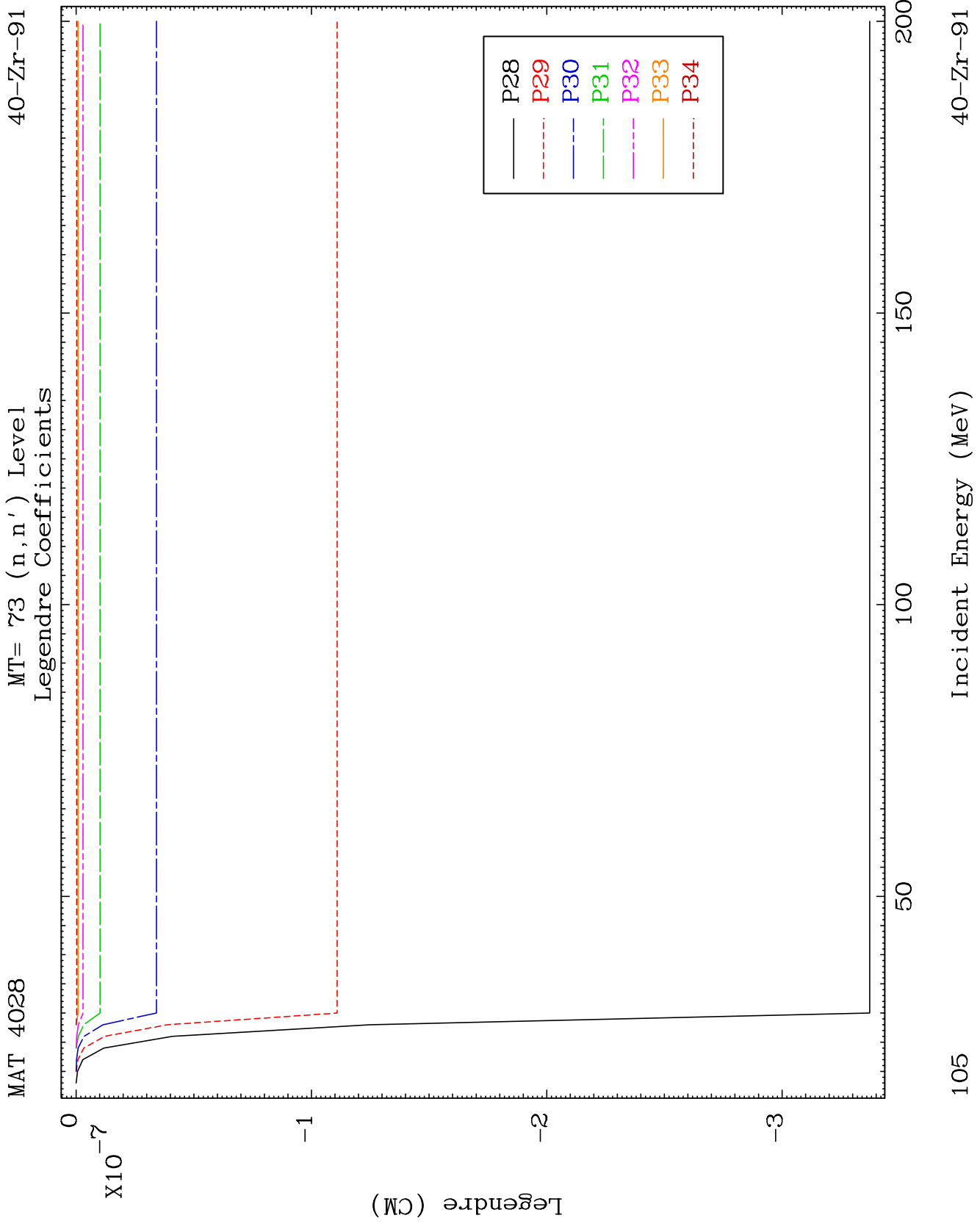


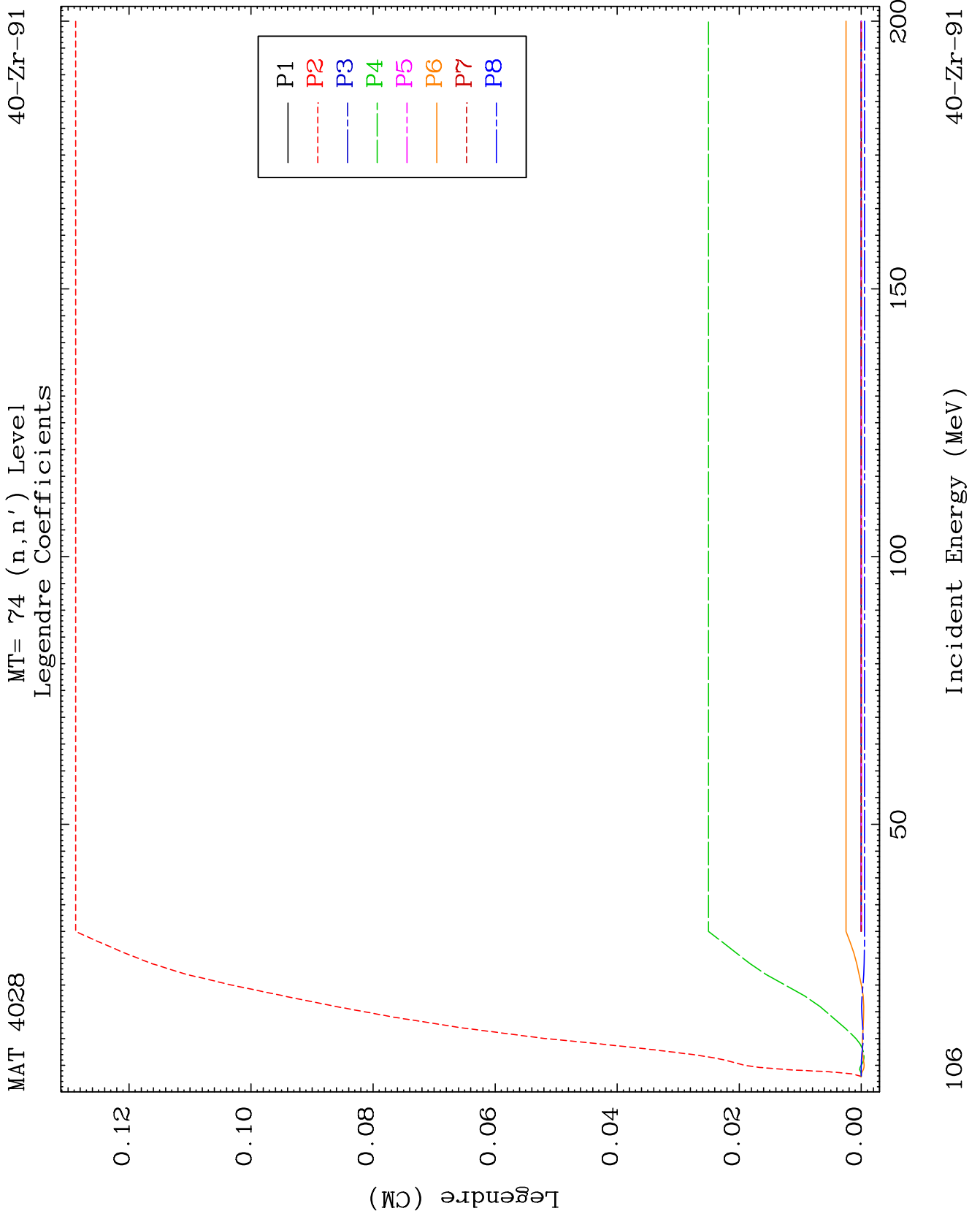
103

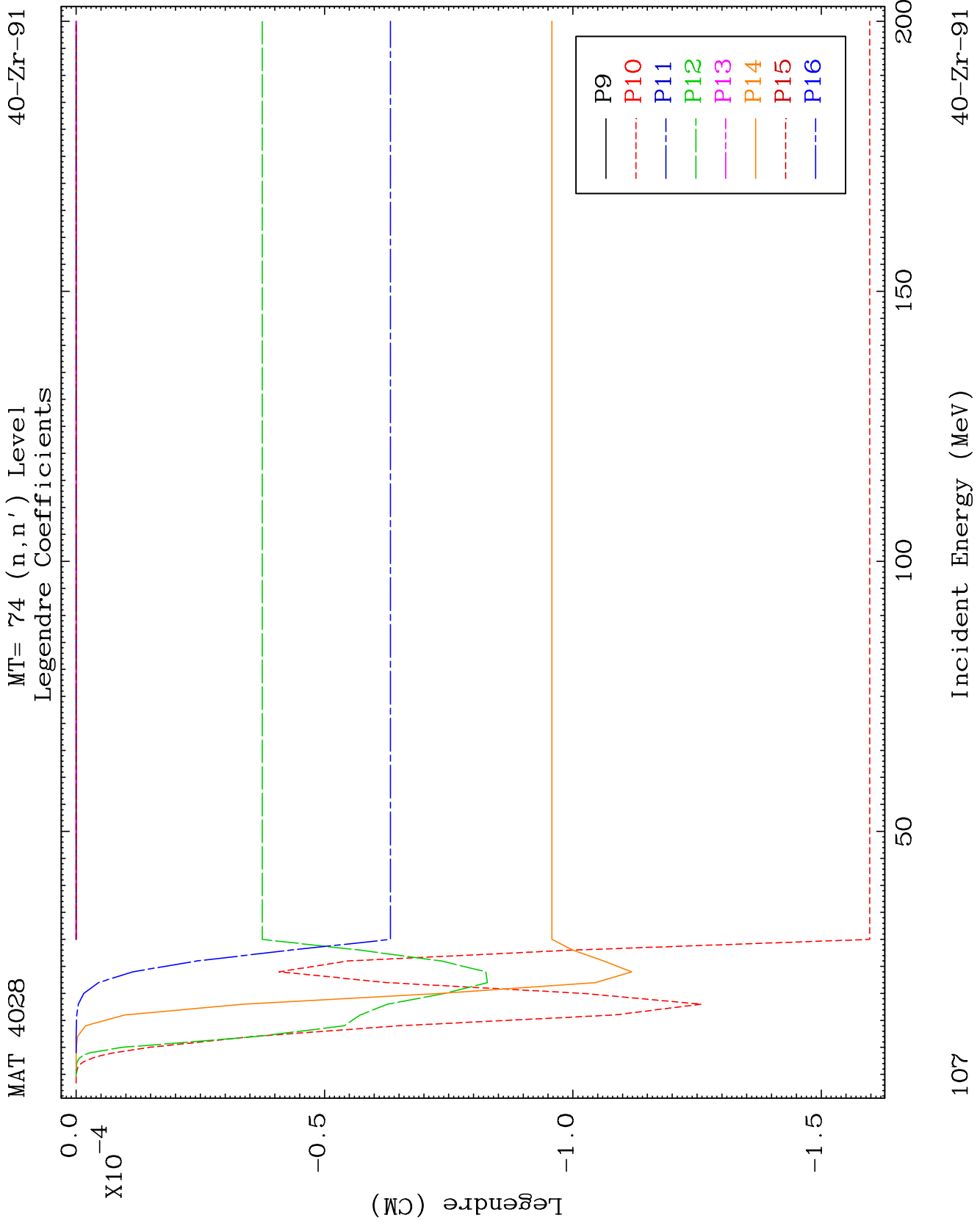
Incident Energy (MeV)

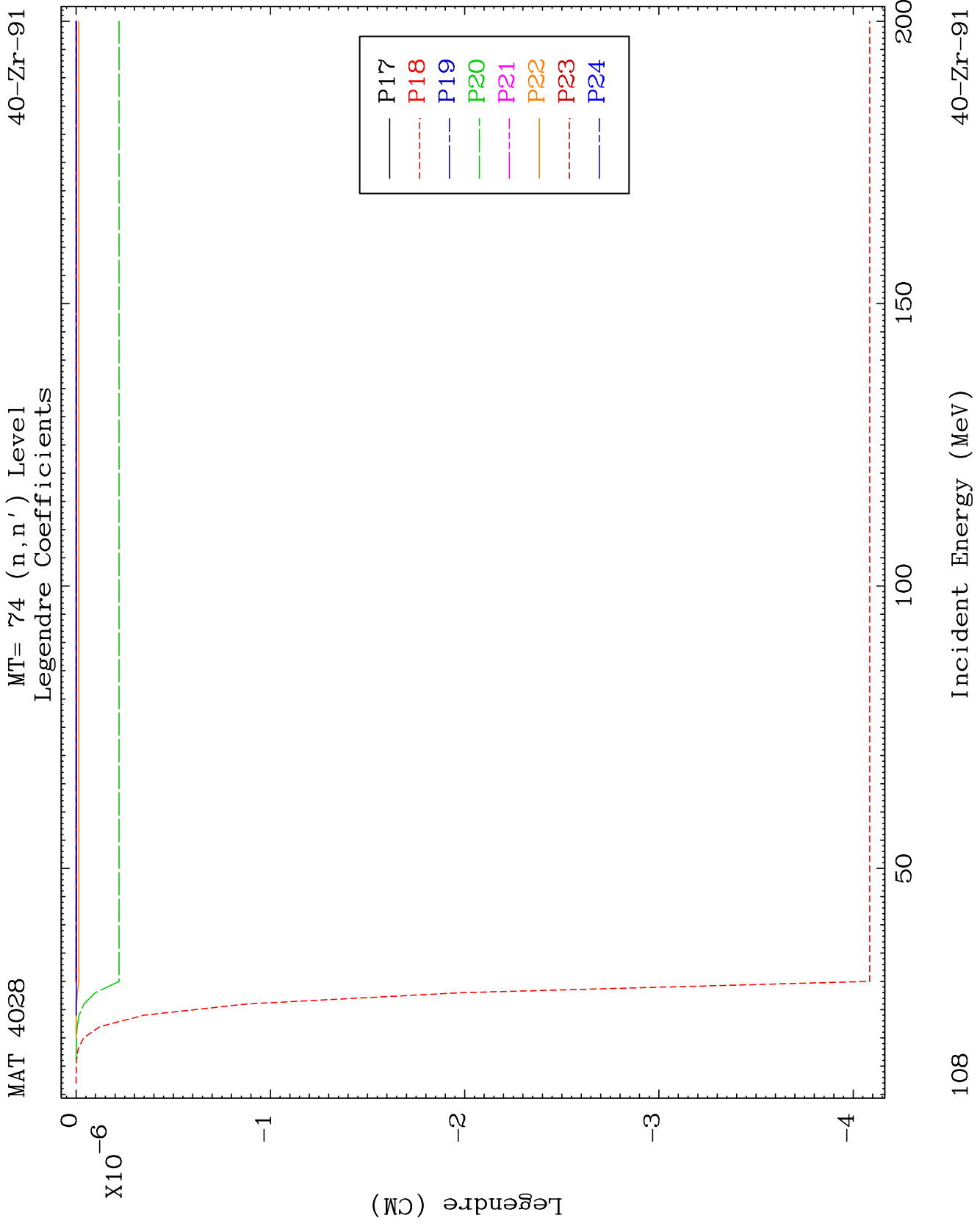
40-Zr-91

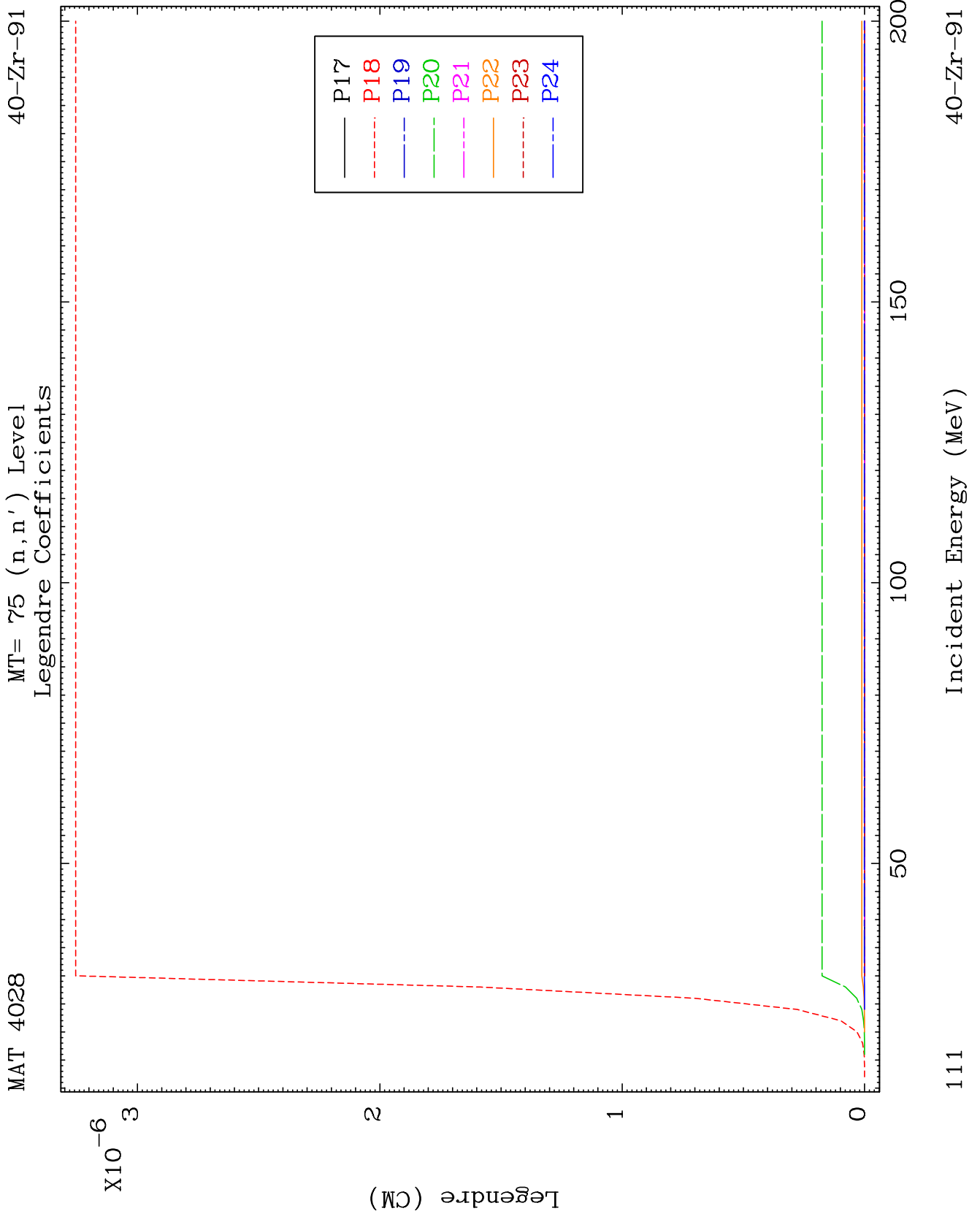


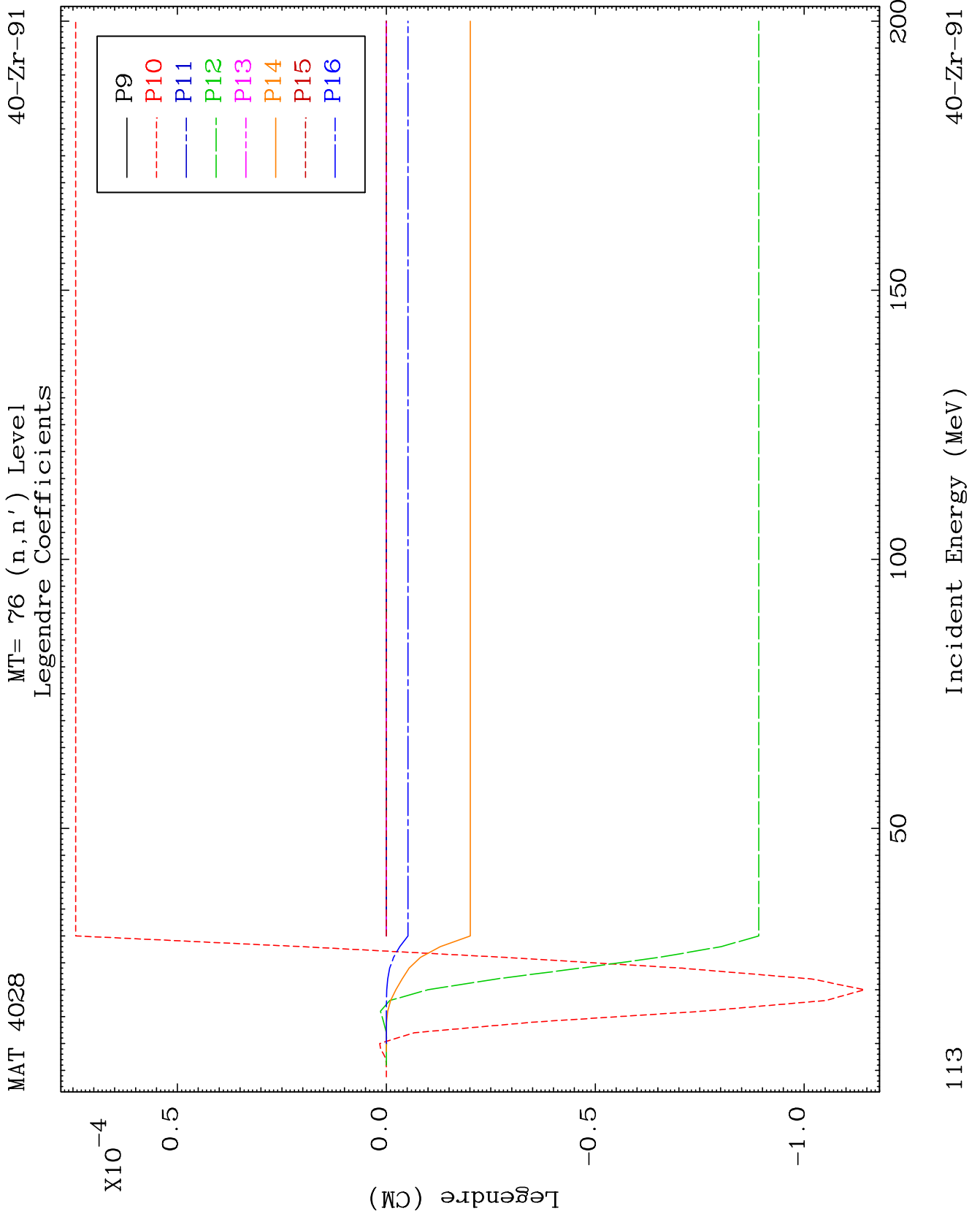








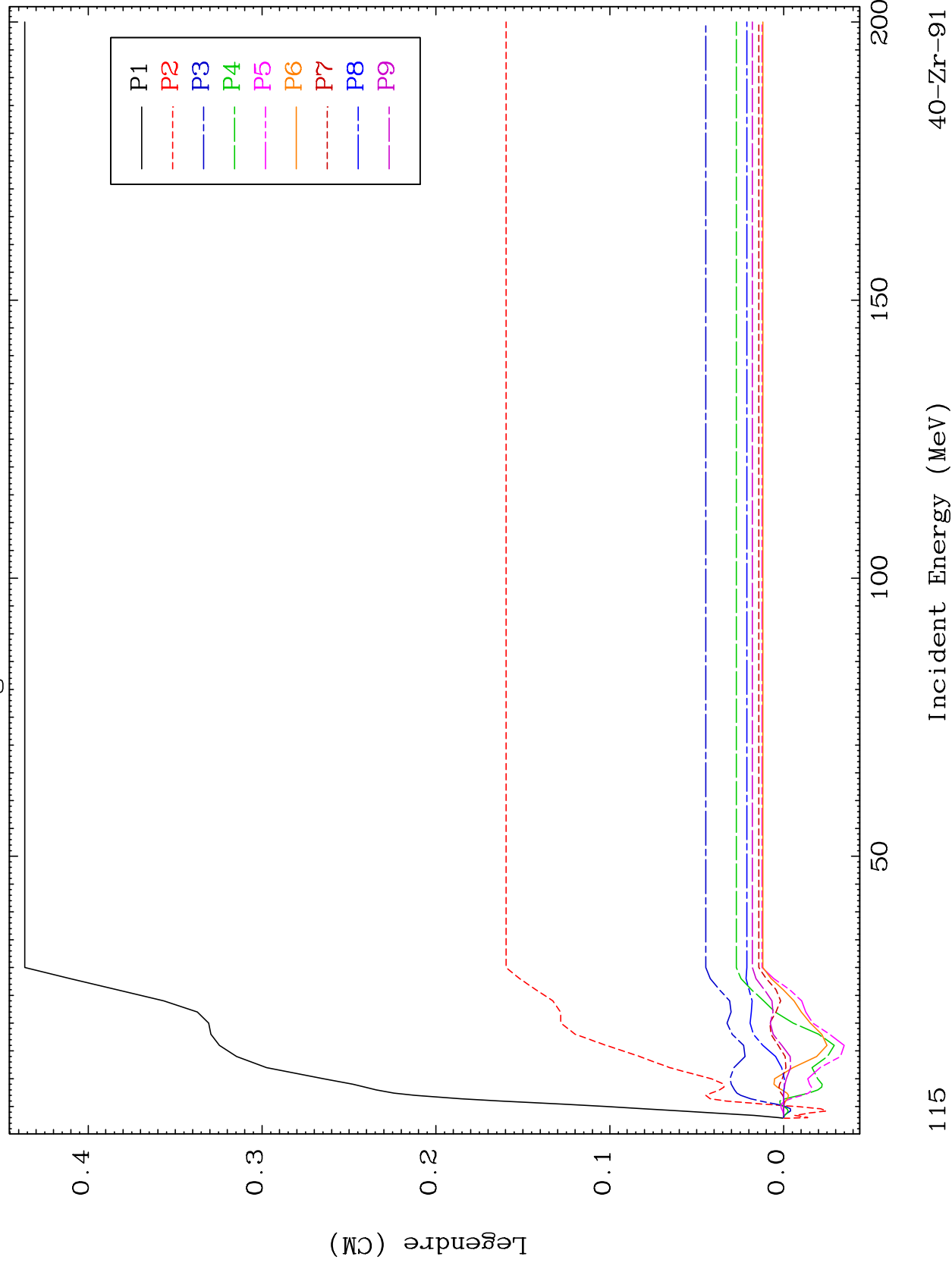




MAT 4028

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

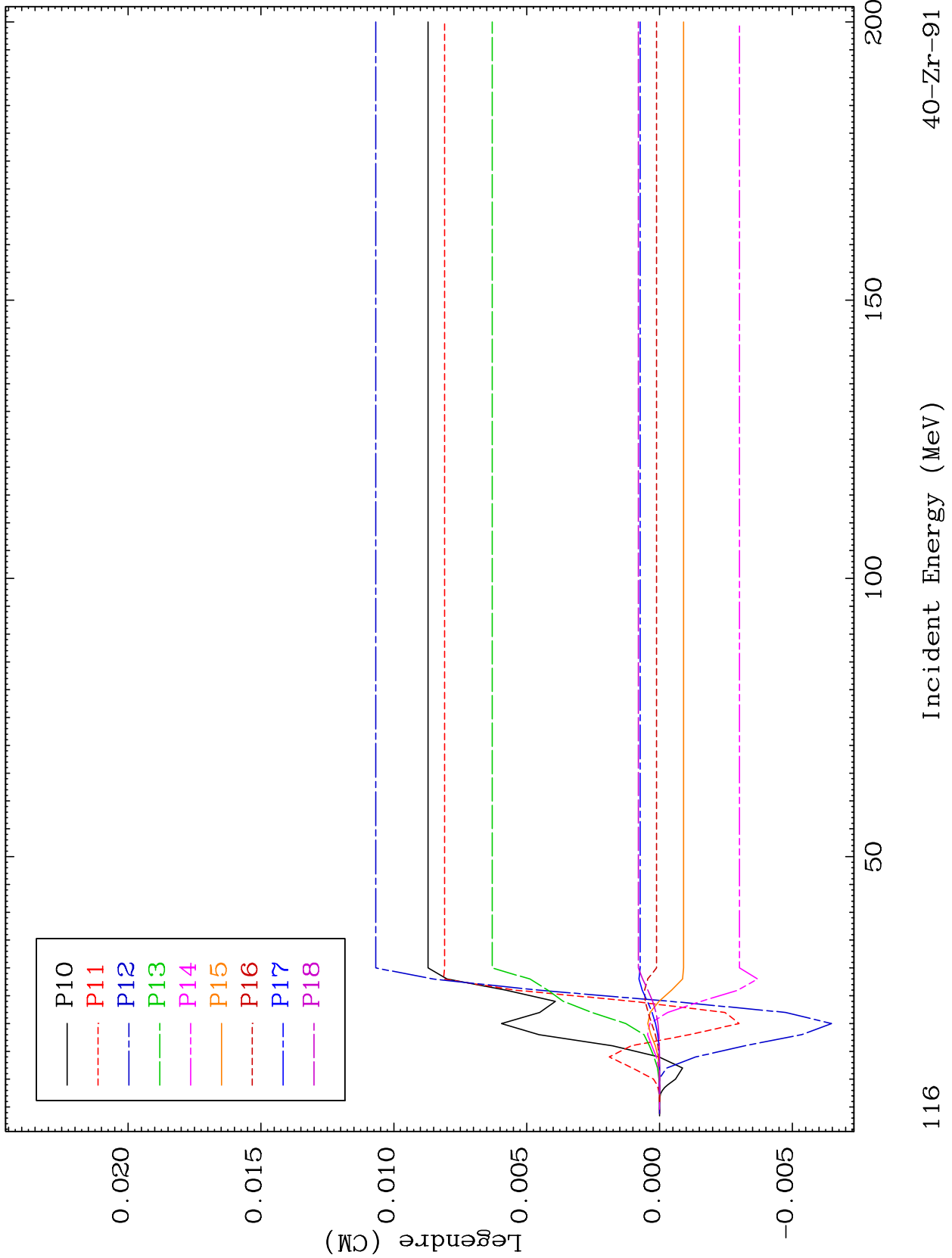
40-Zr-91

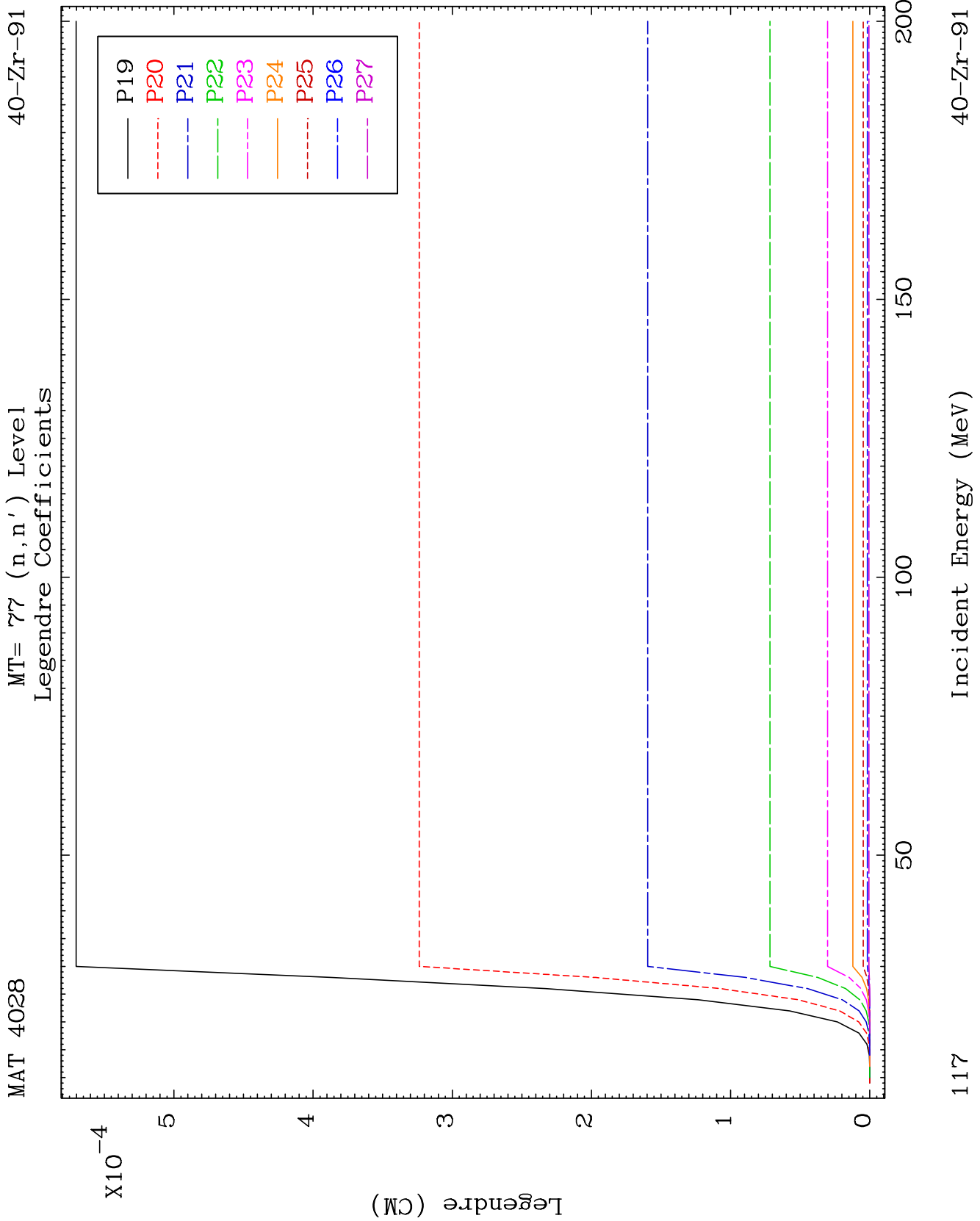


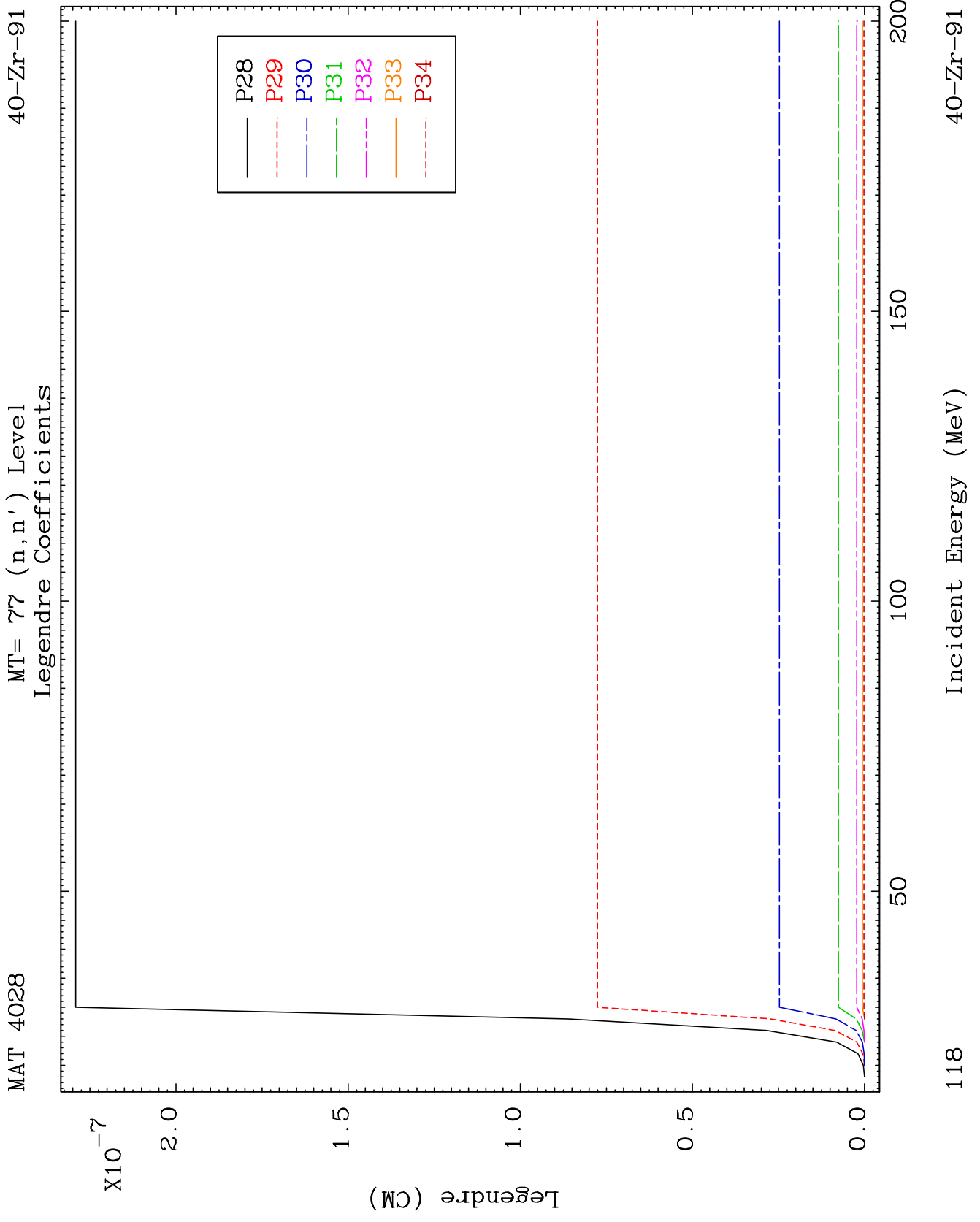
115

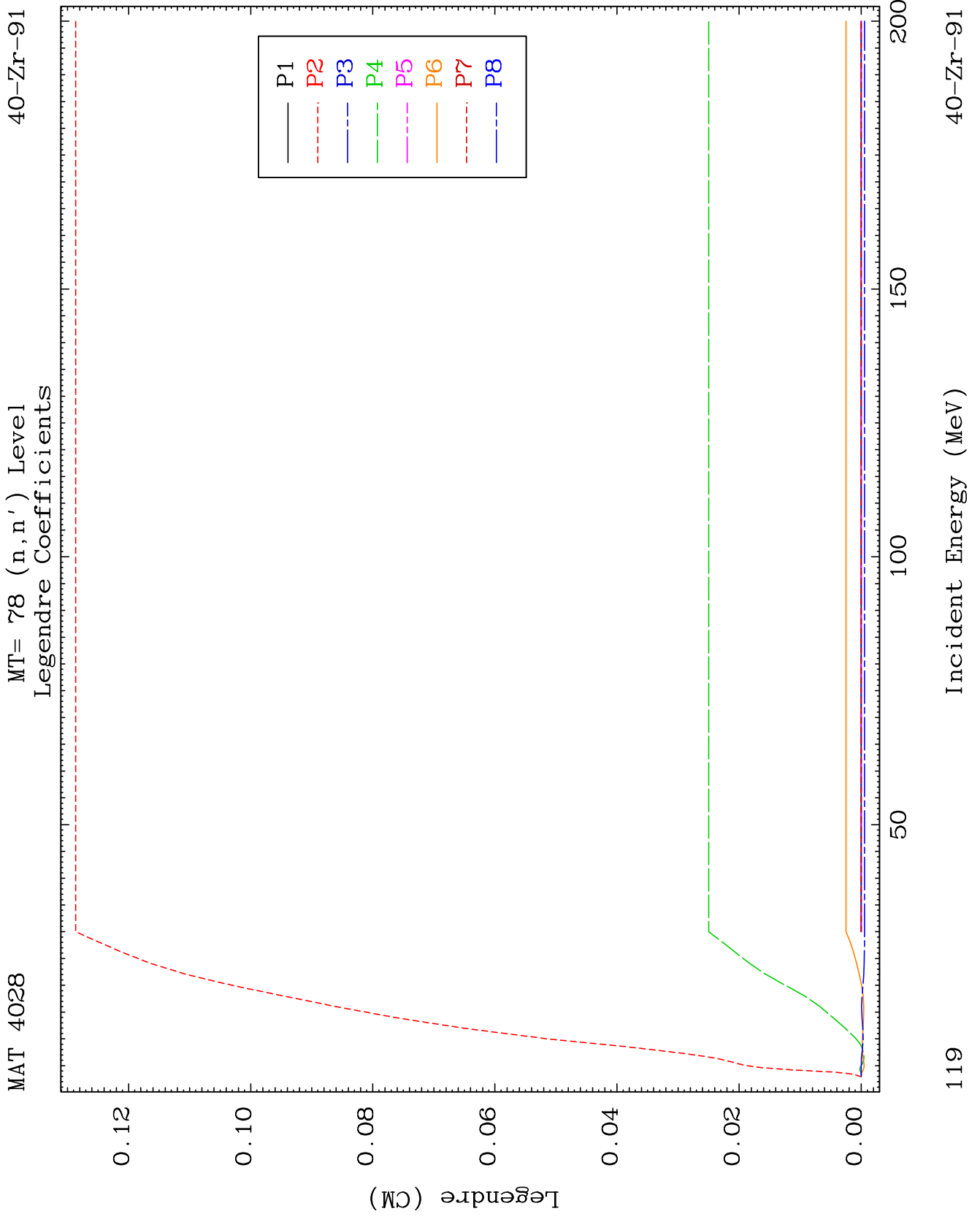
Incident Energy (MeV)

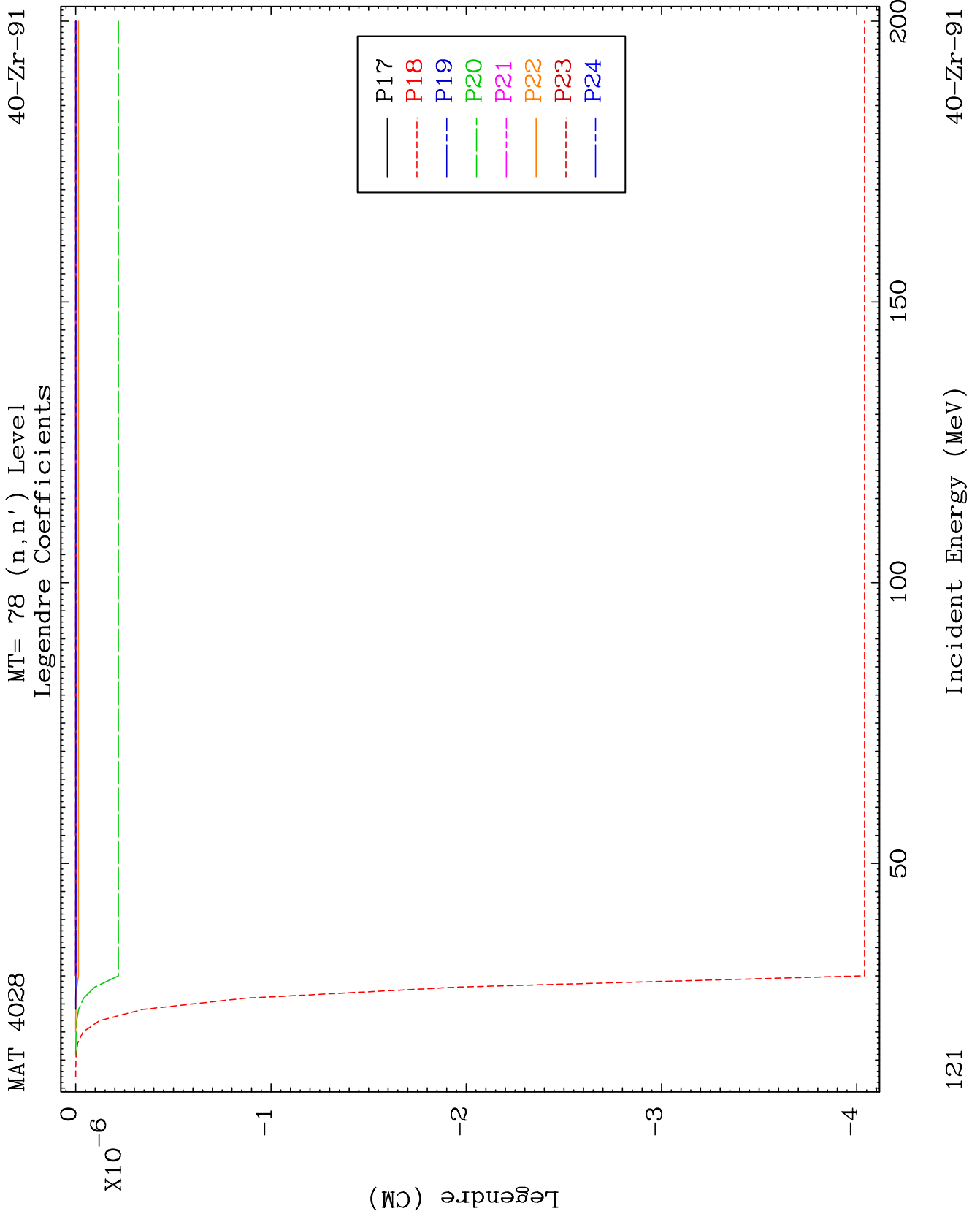
40-Zr-91

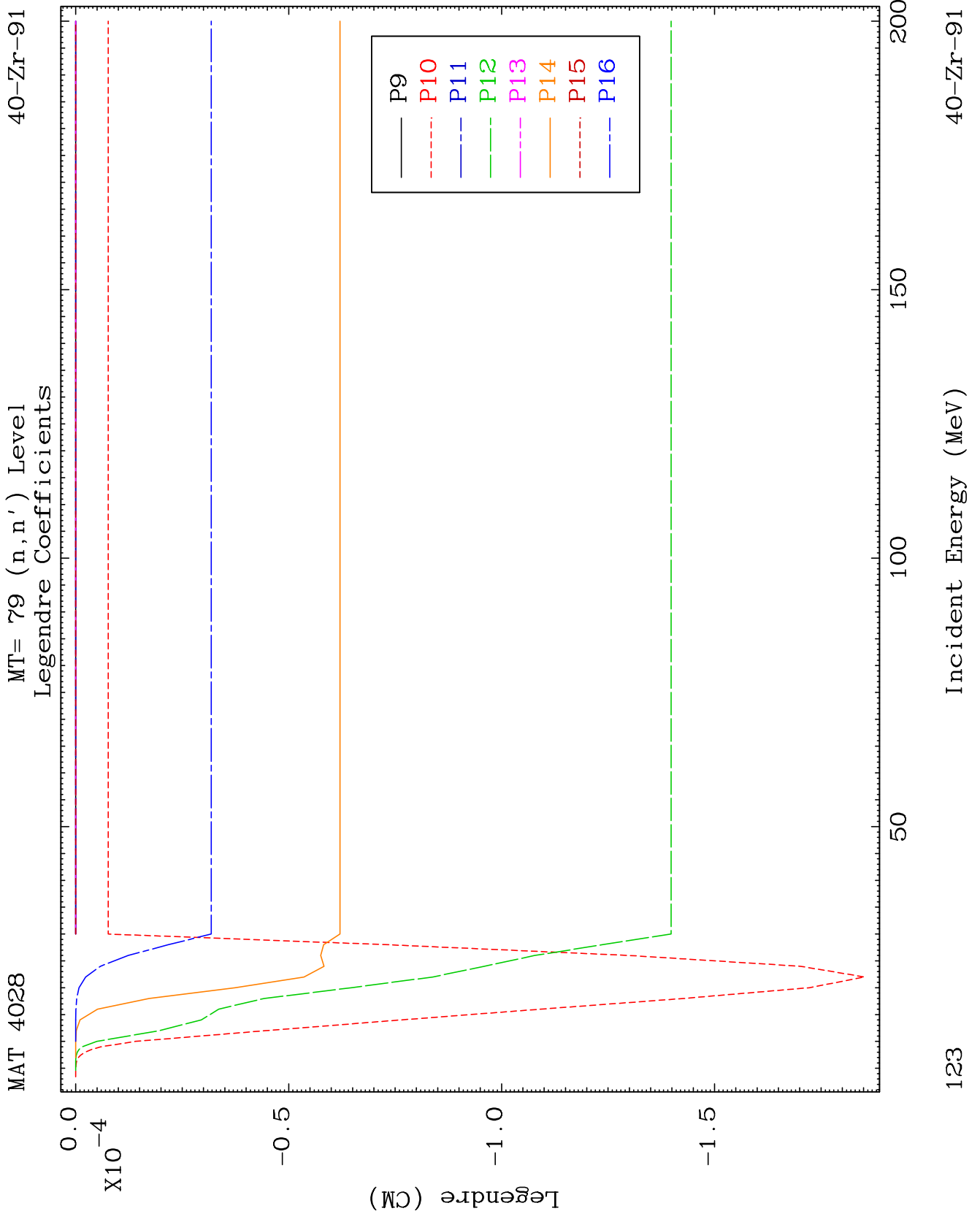


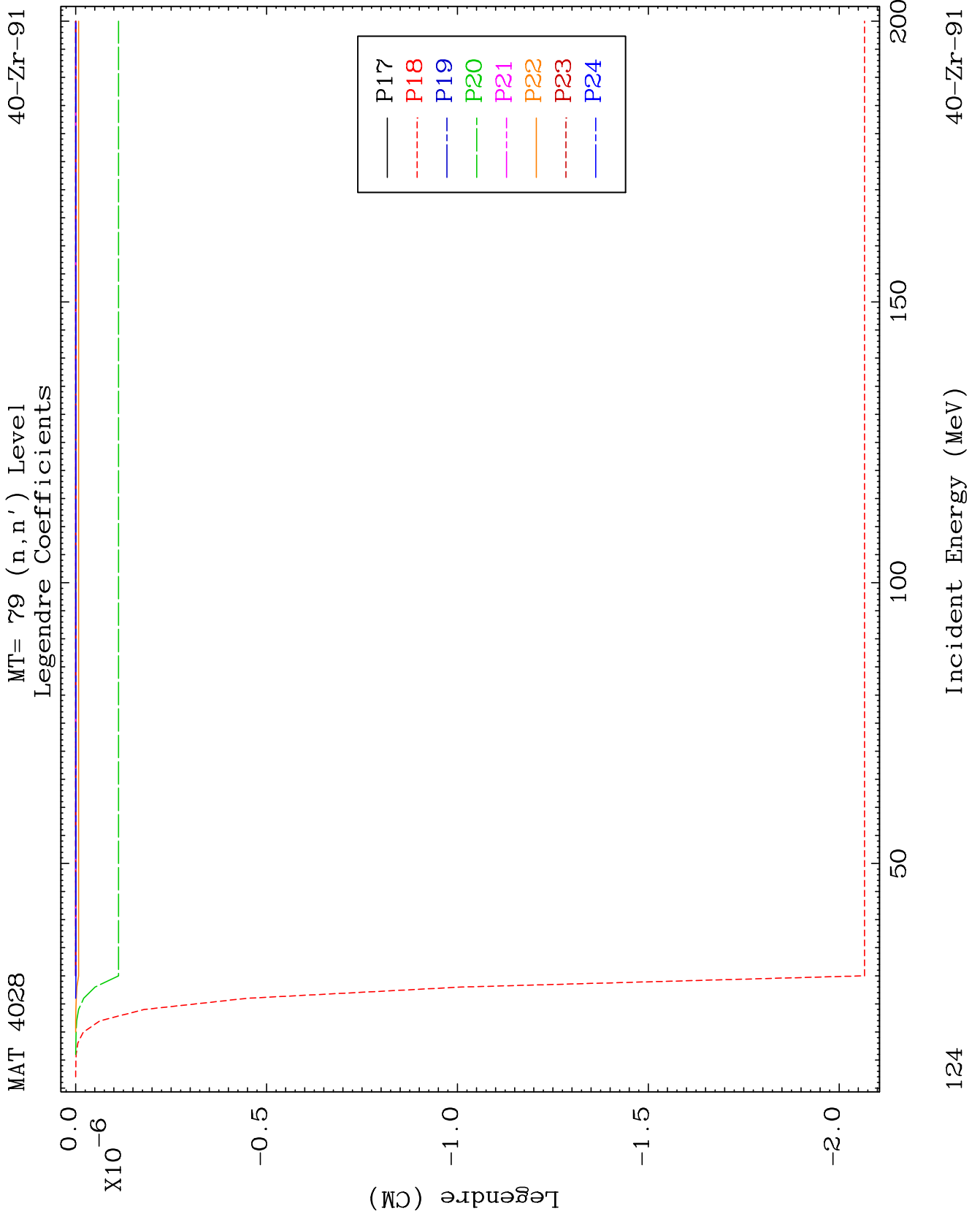








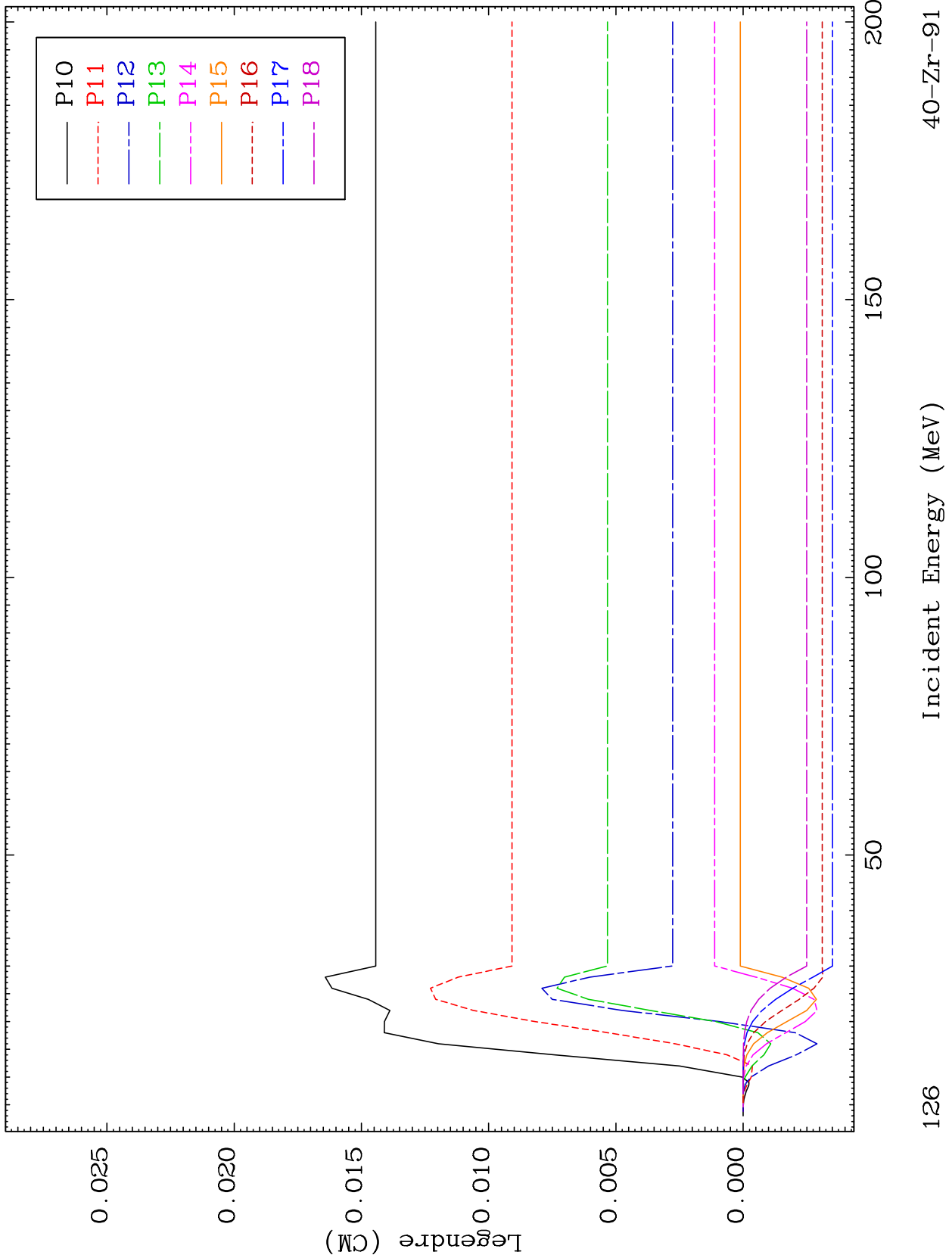




MAT 4028

MT= 80 (n,n') Level
Legendre Coefficients

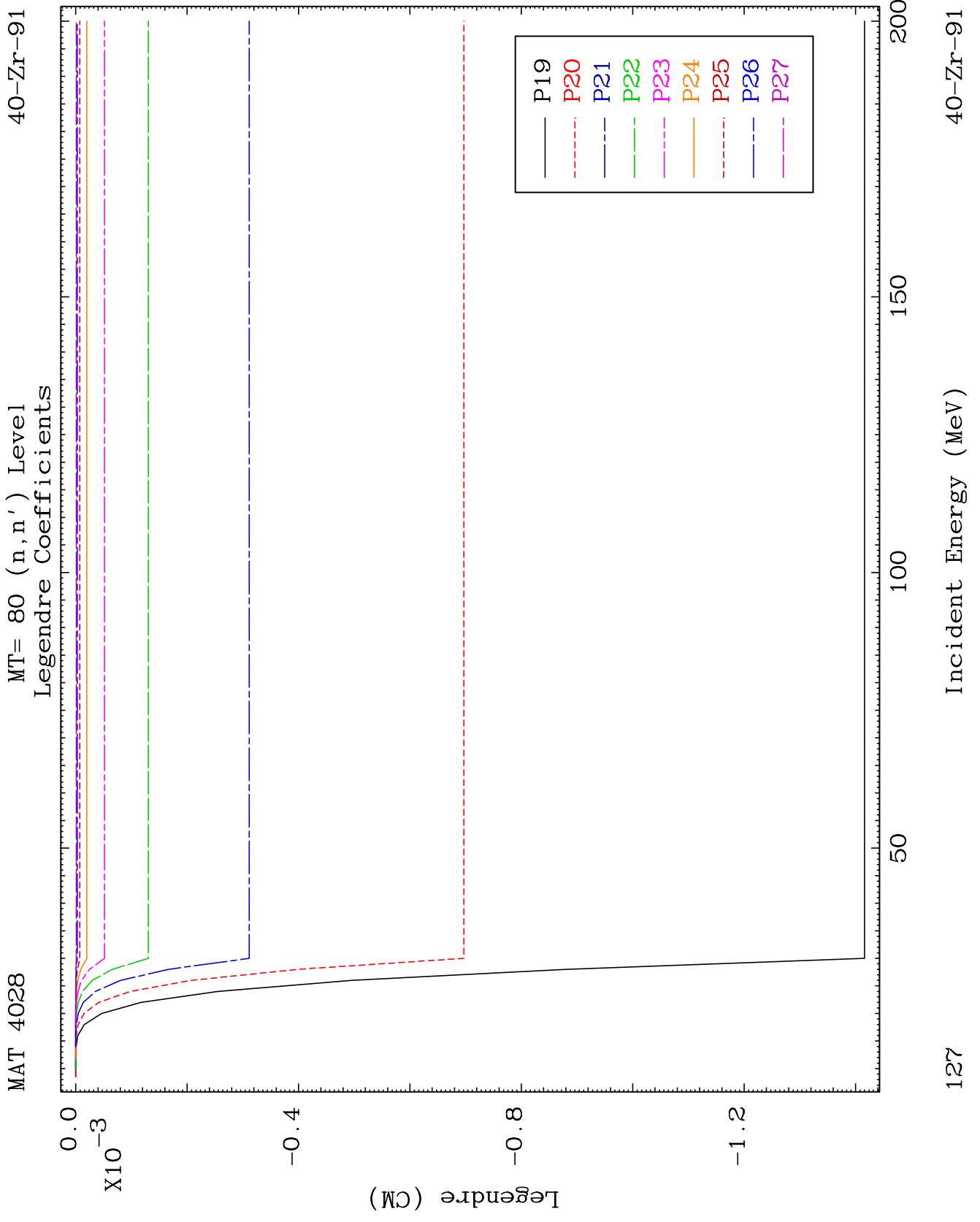
40-Zr-91

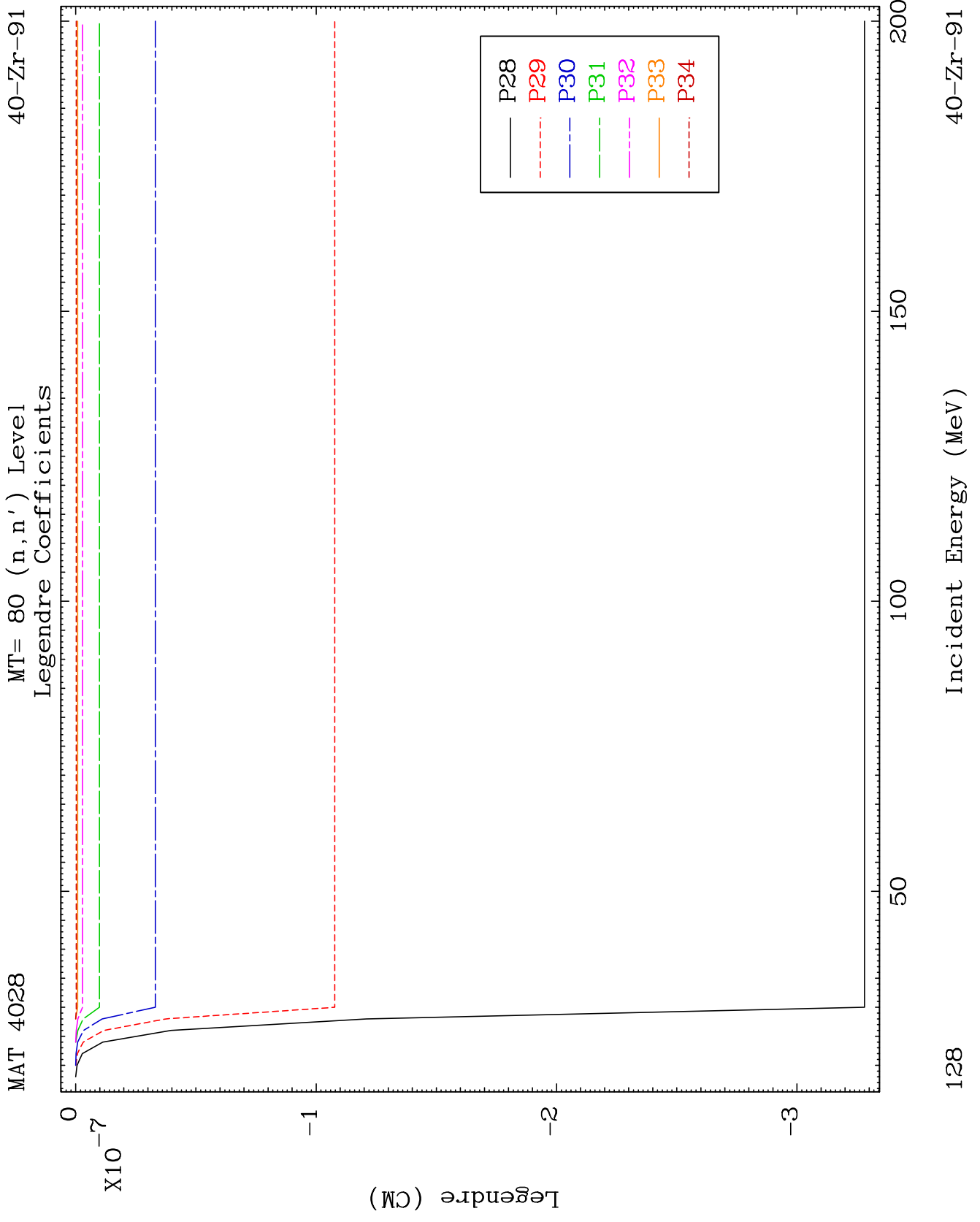


126

Incident Energy (MeV)

40-Zr-91

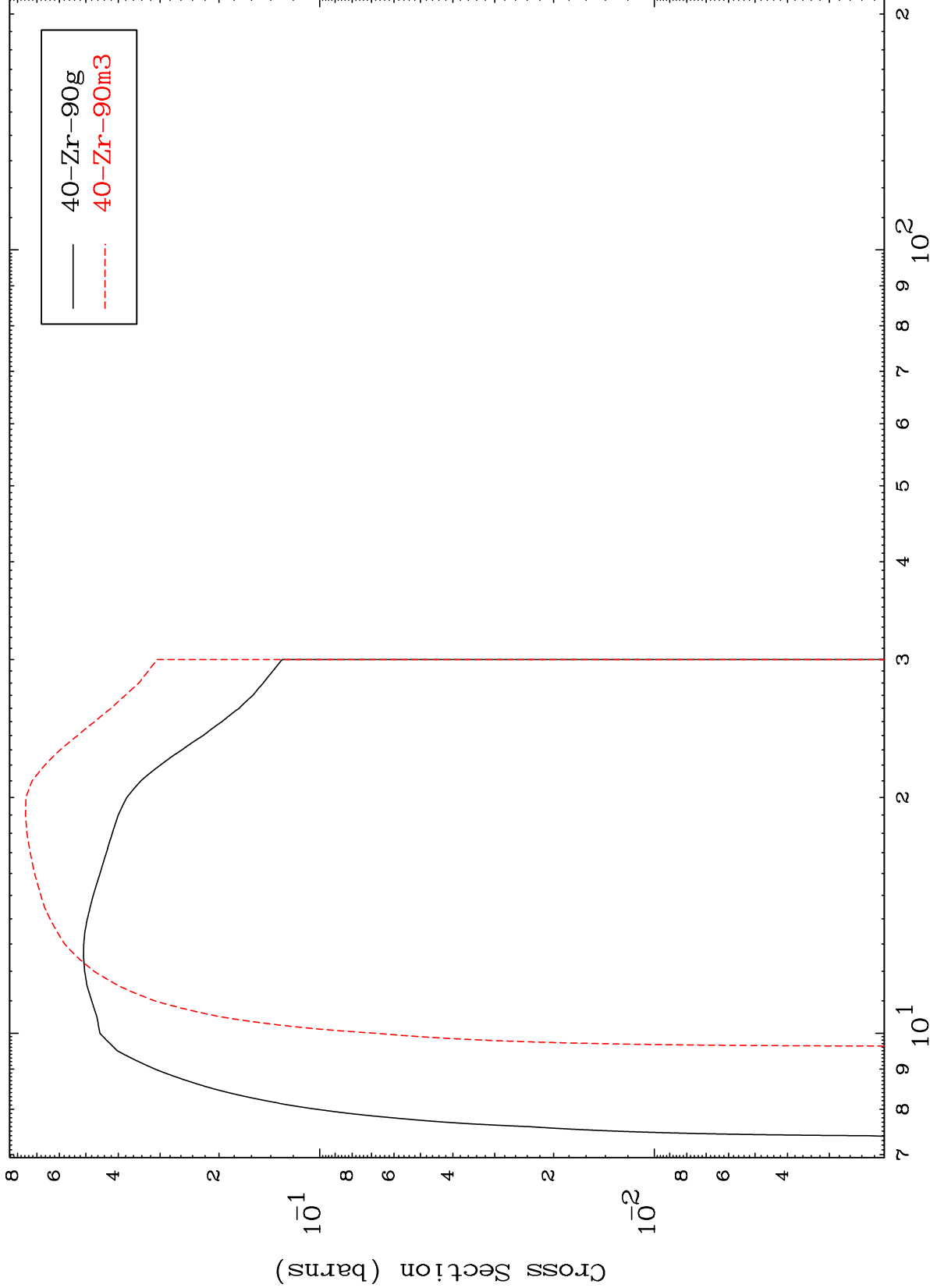




MAT 4028

40-Zr-91

(n,2n)
Radionuclide Production Cross Section



— 40-Zr-90g
- - - 40-Zr-90m3

129

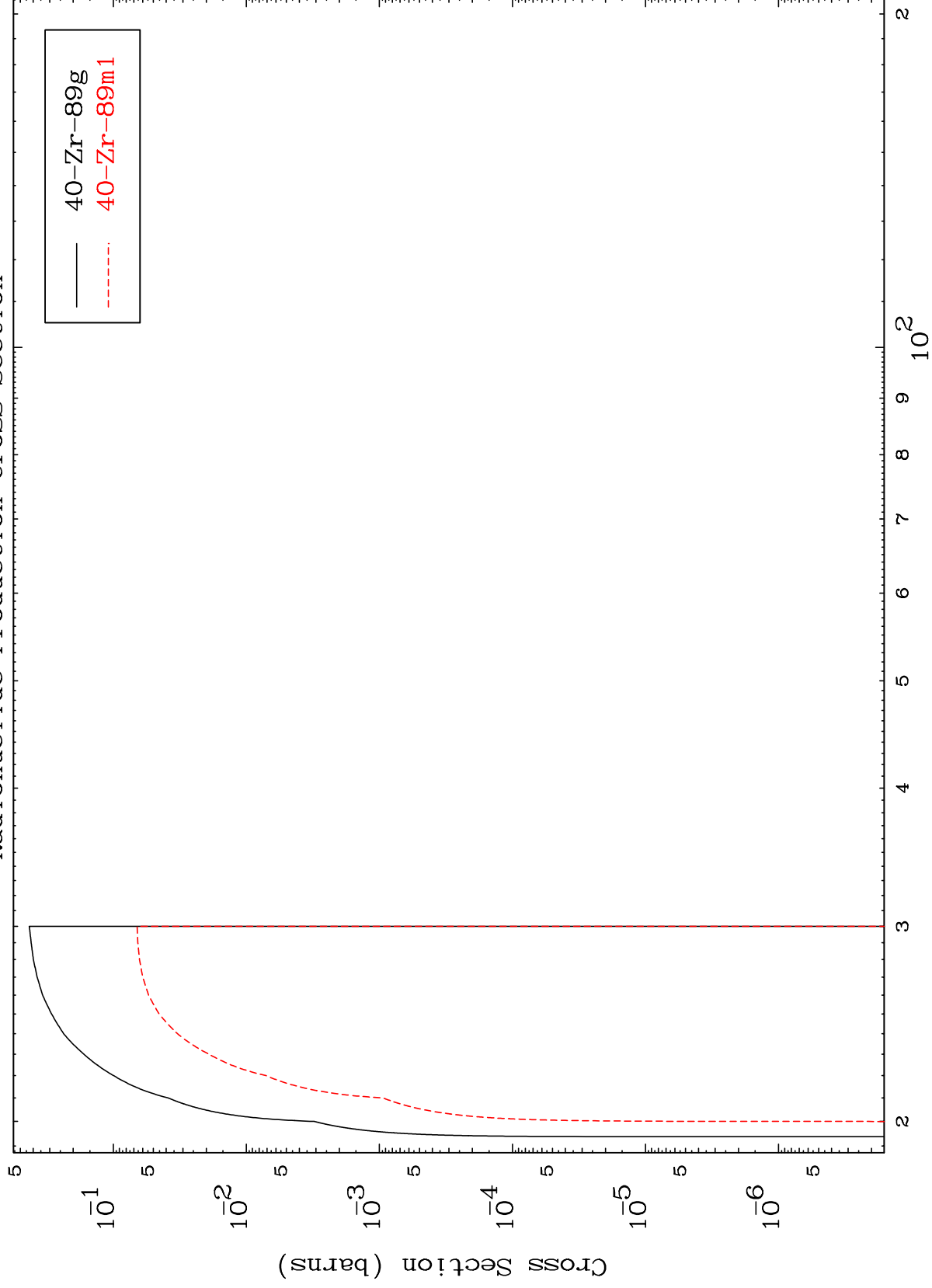
Incident Energy (MeV)

40-Zr-91

MAT 4028

40-Zr-91

(n,3n)
Radionuclide Production Cross Section



40-Zr-91

Incident Energy (MeV)

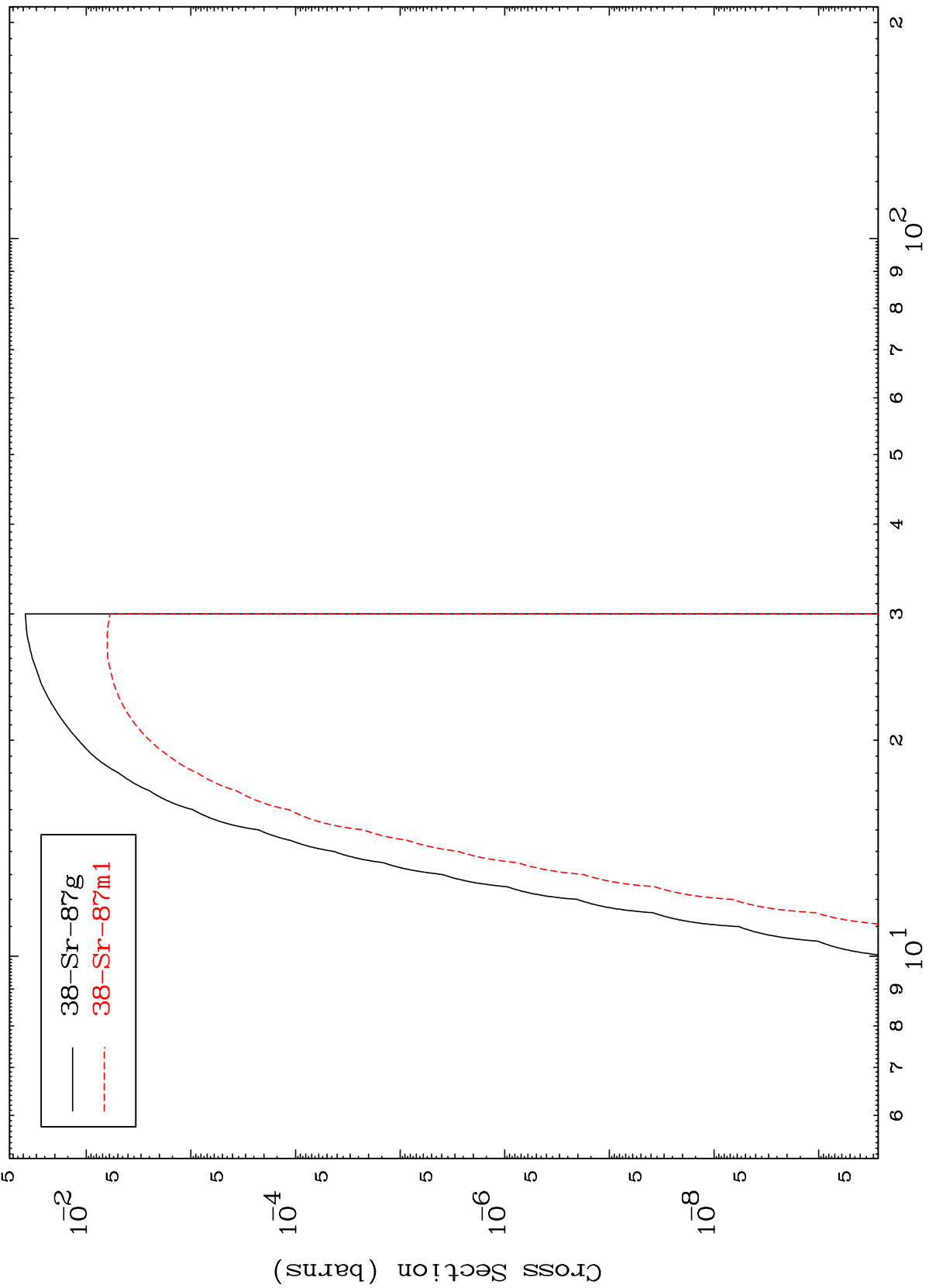
130

MAT 4028

(n,n') α

40-Zr-91

Radionuclide Production Cross Section



— 38-Sr-87g
- - - 38-Sr-87m1

131

Incident Energy (MeV)

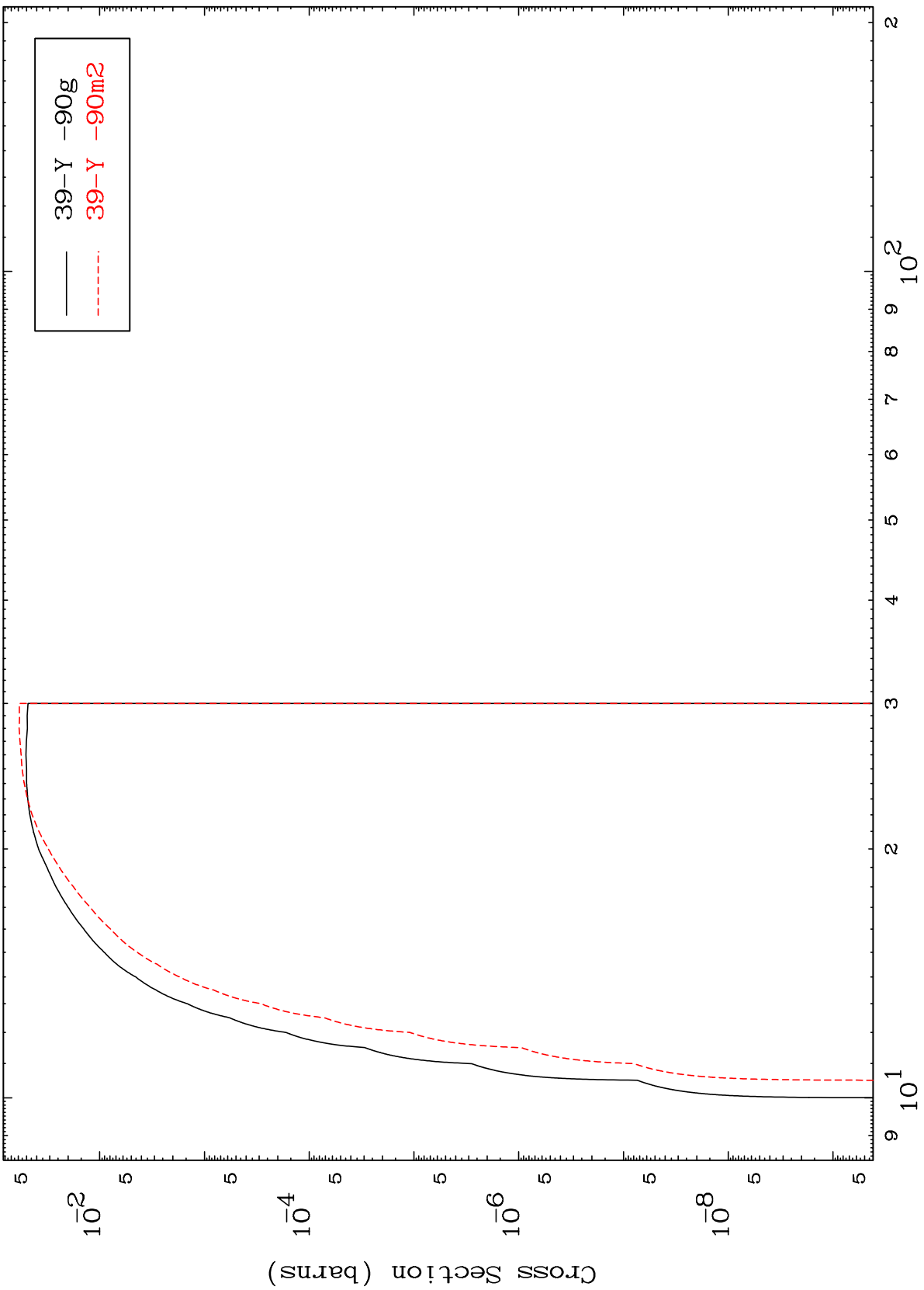
40-Zr-91

MAT 4028

(n,n') p

40-Zr-91

Radionuclide Production Cross Section

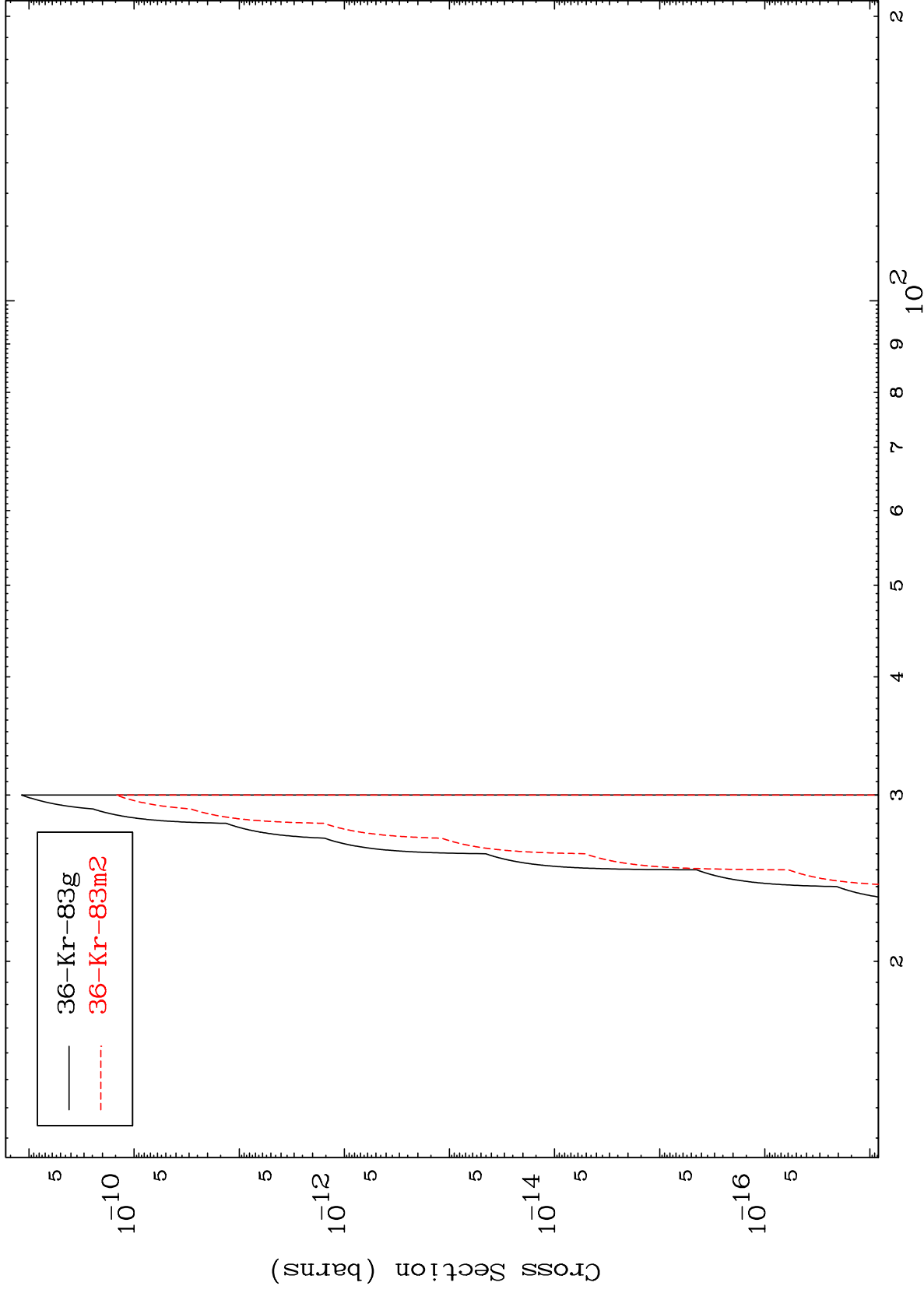


132

Incident Energy (MeV)

40-Zr-91

Radionuclide Production Cross Section

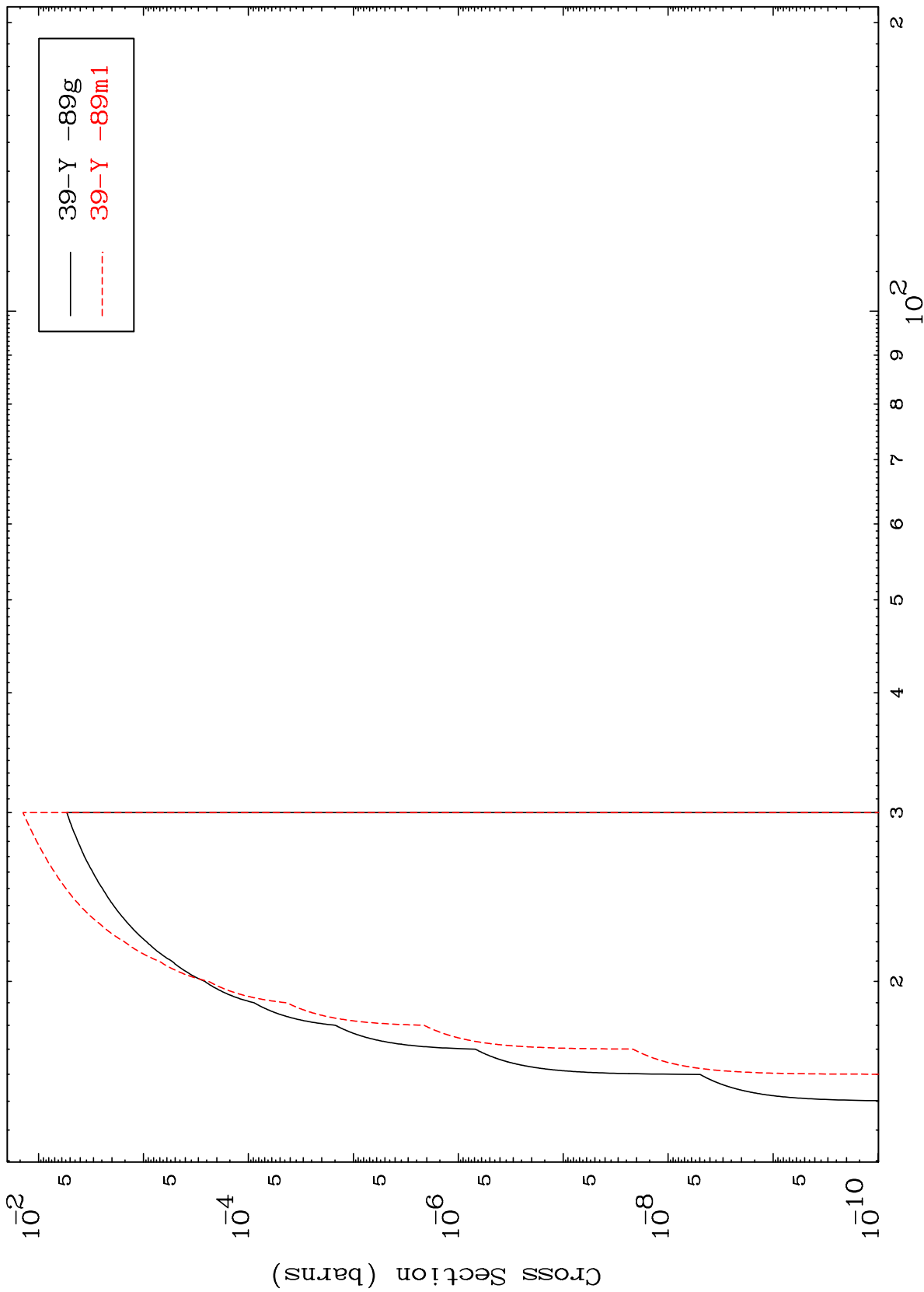


MAT 4028

(n,n') d

40-Zr-91

Radionuclide Production Cross Section



39-Y -89g
39-Y -89m1

134

Incident Energy (MeV)

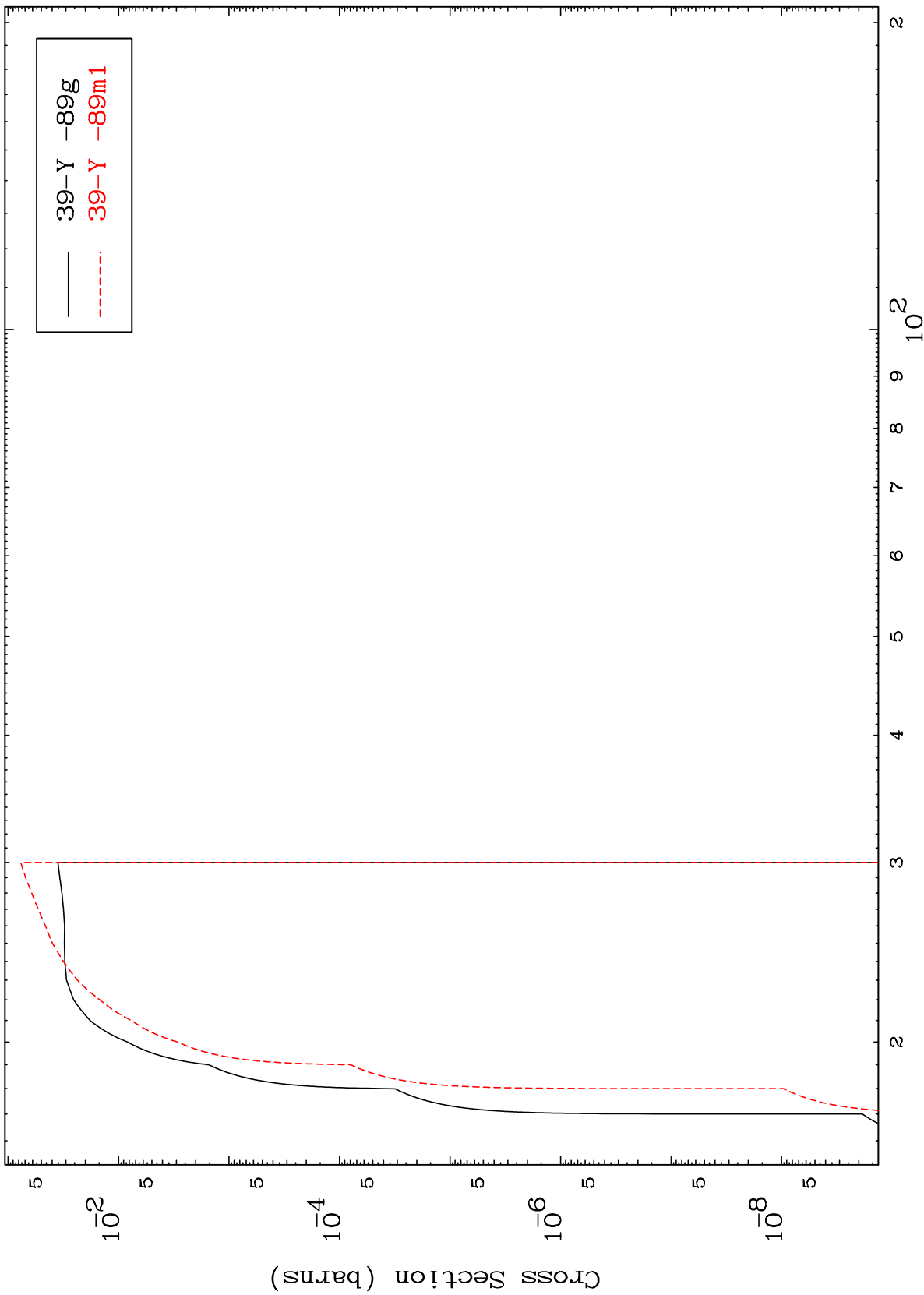
40-Zr-91

MAT 4028

(n,2n) p

40-Zr-91

Radionuclide Production Cross Section



135

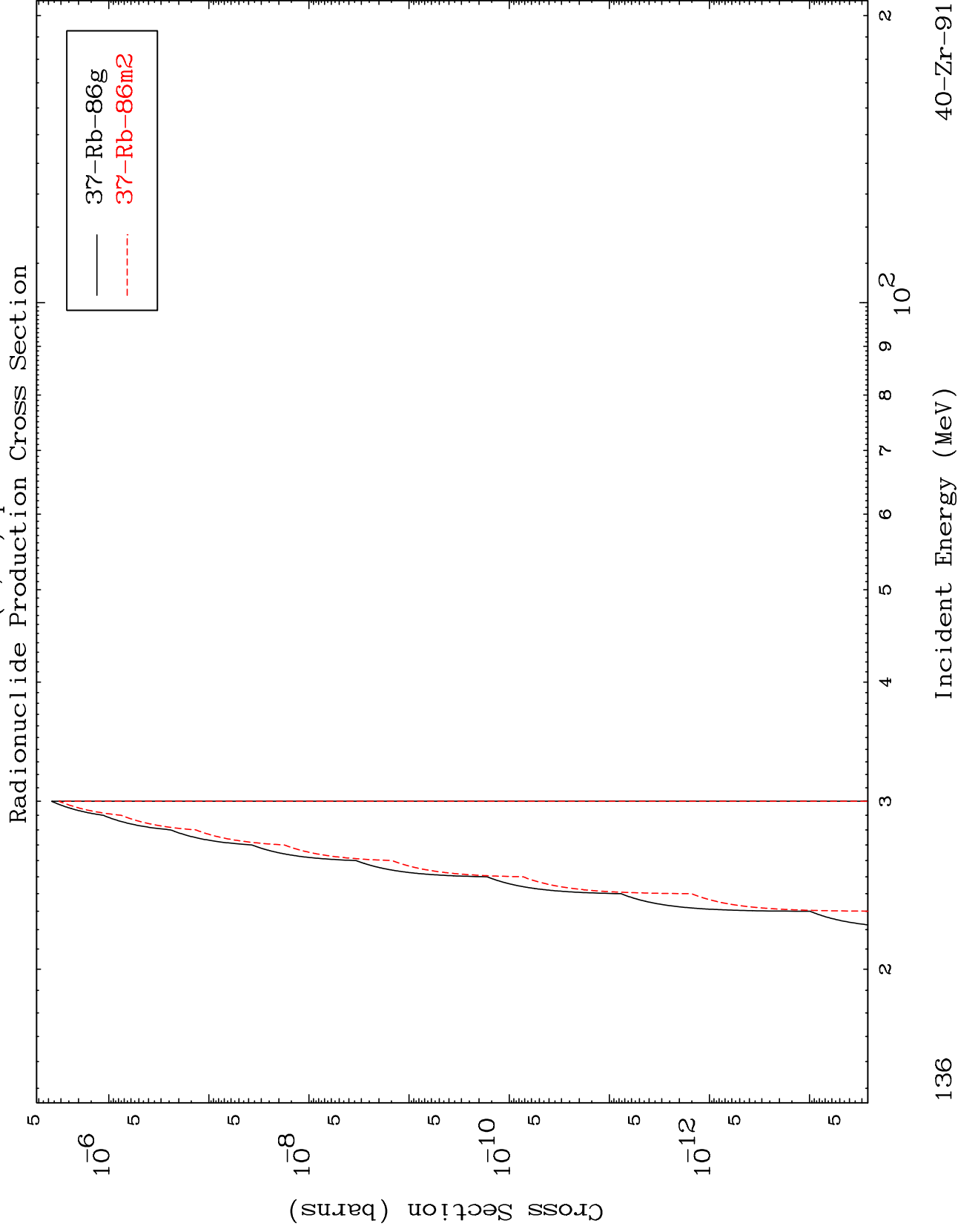
Incident Energy (MeV)

40-Zr-91

MAT 4028

(n,n') p α

40-Zr-91



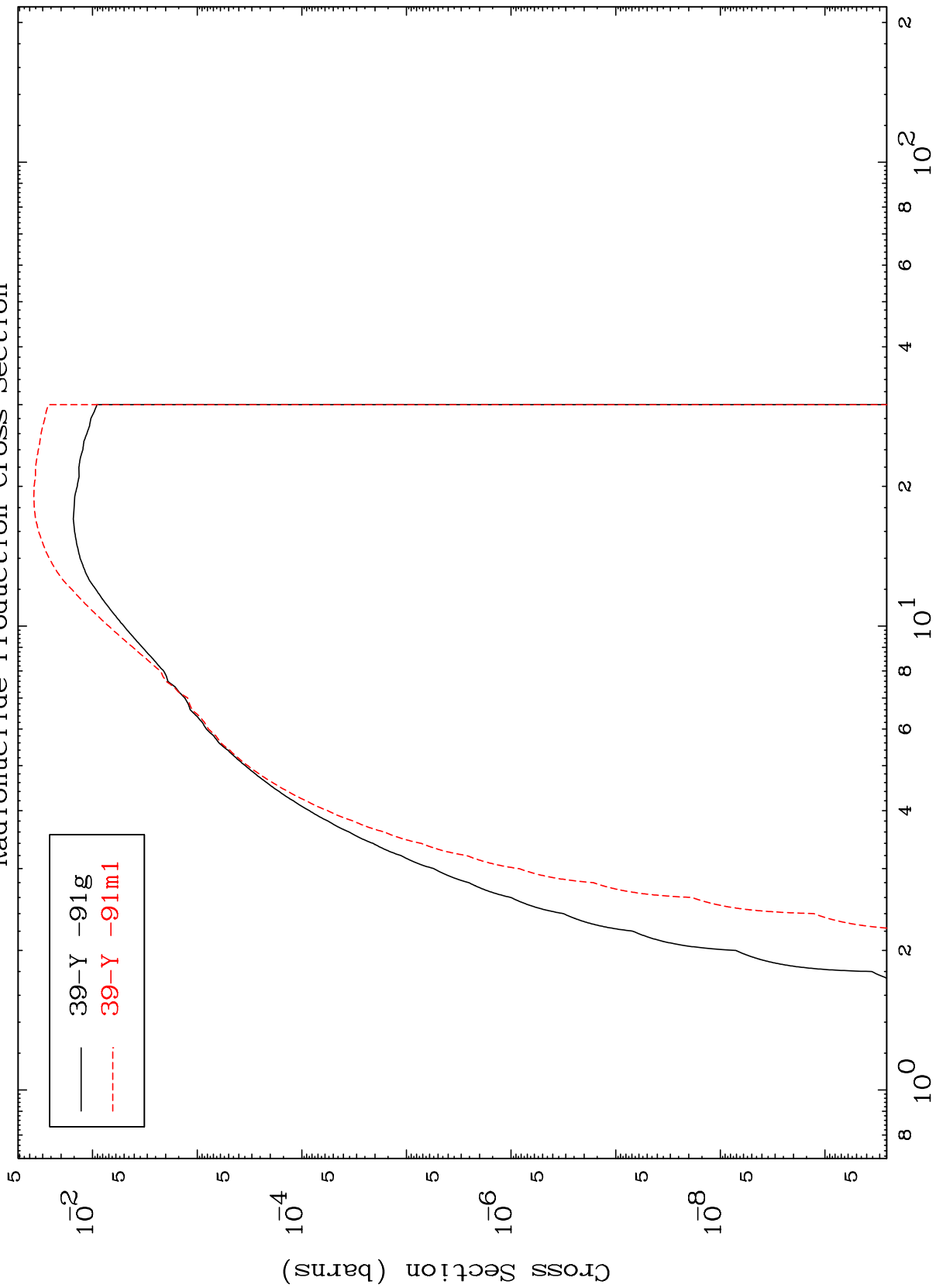
136

40-Zr-91

MAT 4028

40-Zr-91

Radionuclide Production Cross Section (n,p)



137

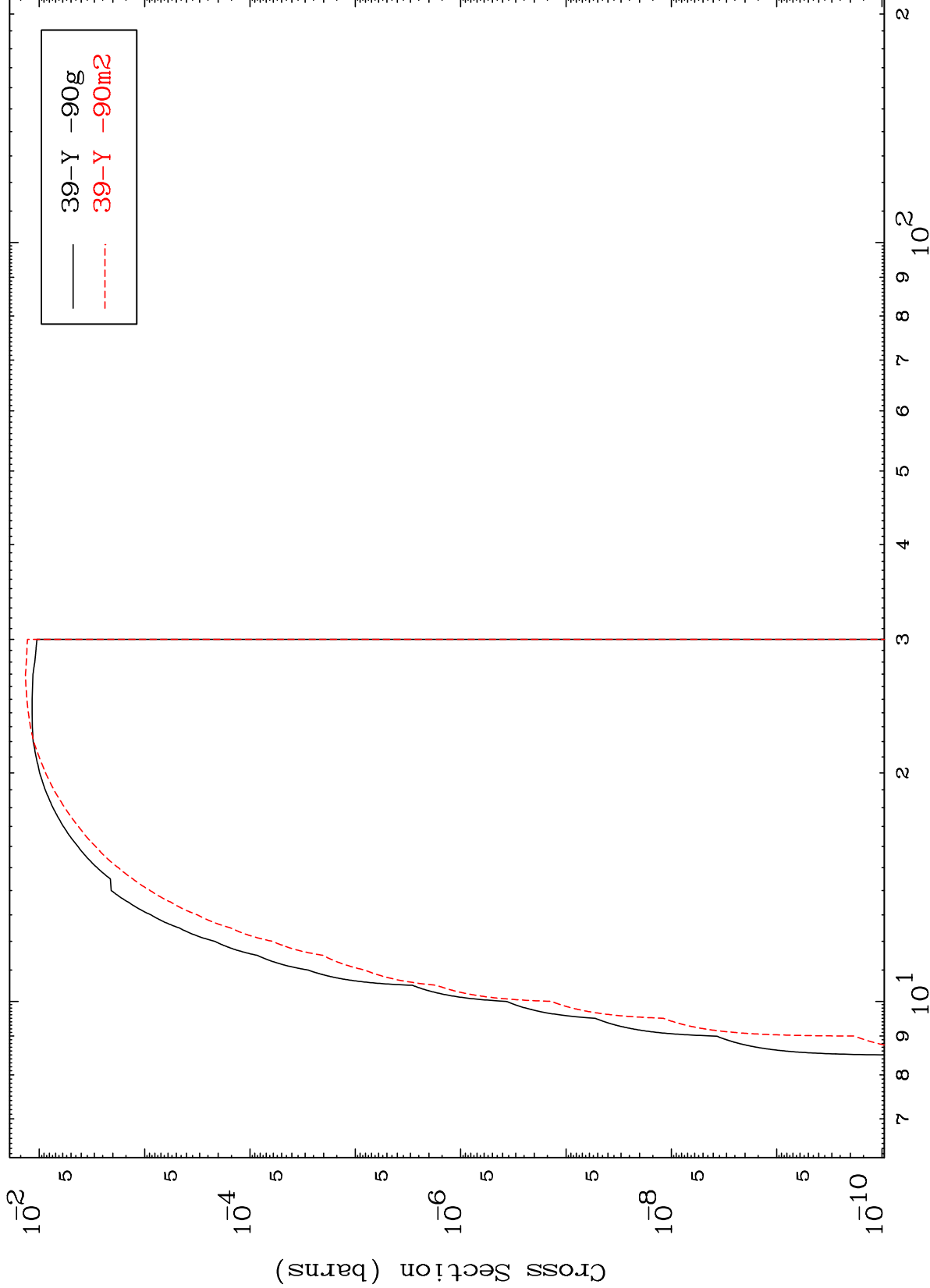
40-Zr-91

Incident Energy (MeV)

MAT 4028

40-Zr-91

(n,d)
Radionuclide Production Cross Section



40-Zr-91

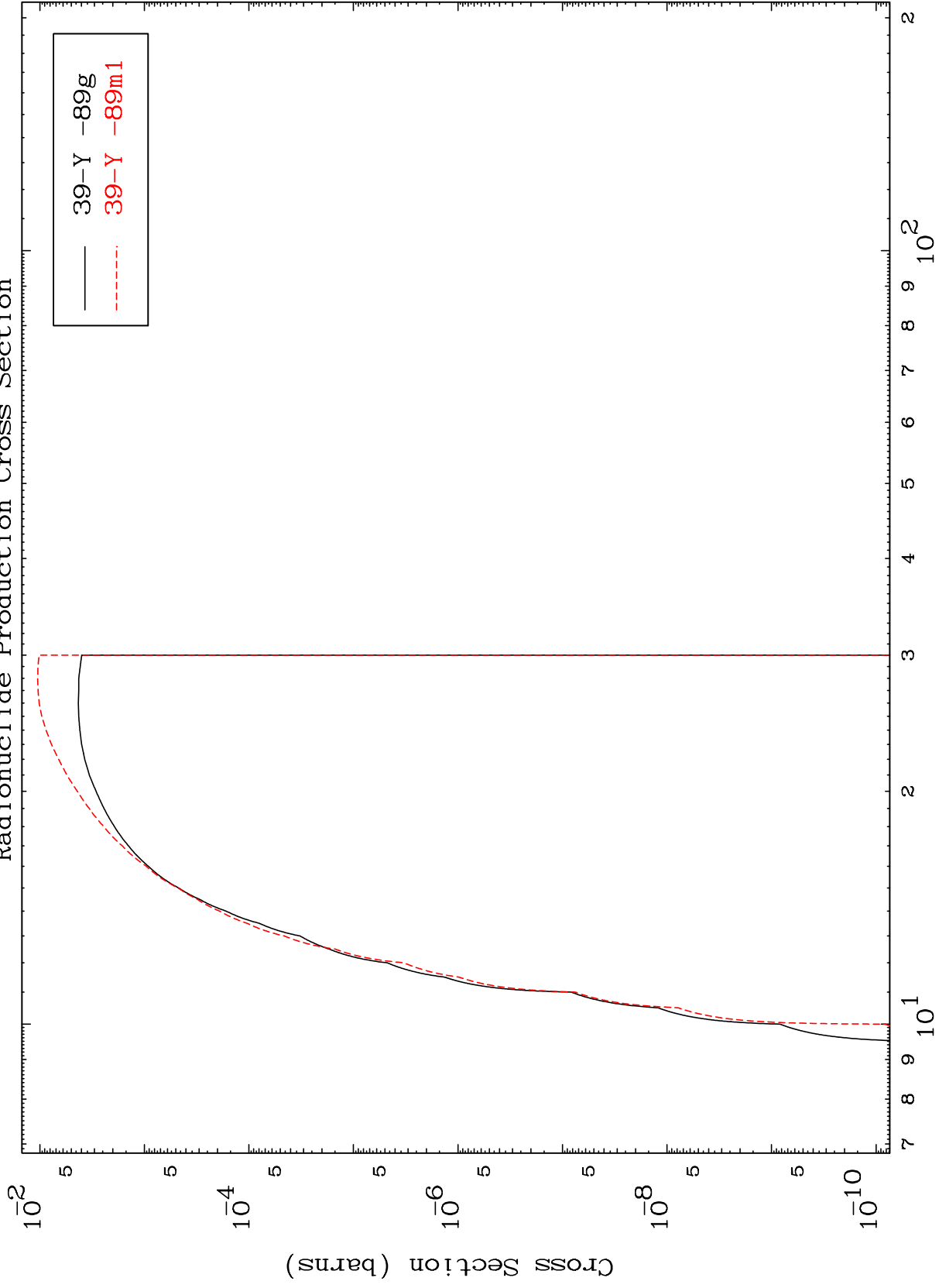
Incident Energy (MeV)

138

MAT 4028

40-Zr-91

(n, t)
Radionuclide Production Cross Section



40-Zr-91

Incident Energy (MeV)

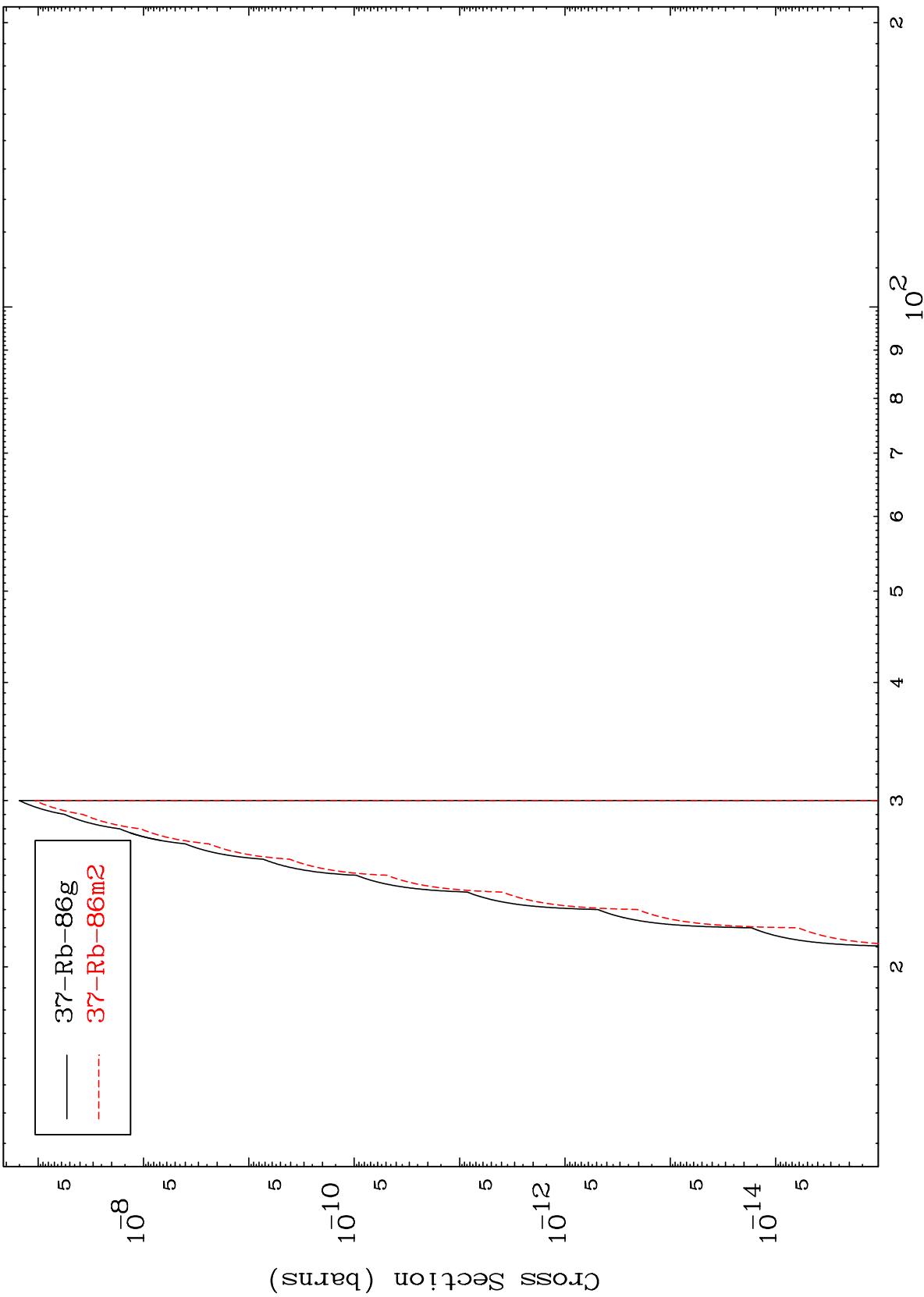
139

MAT 4028

(n,d) α

40-Zr-91

Radionuclide Production Cross Section



140

Incident Energy (MeV)

40-Zr-91