

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

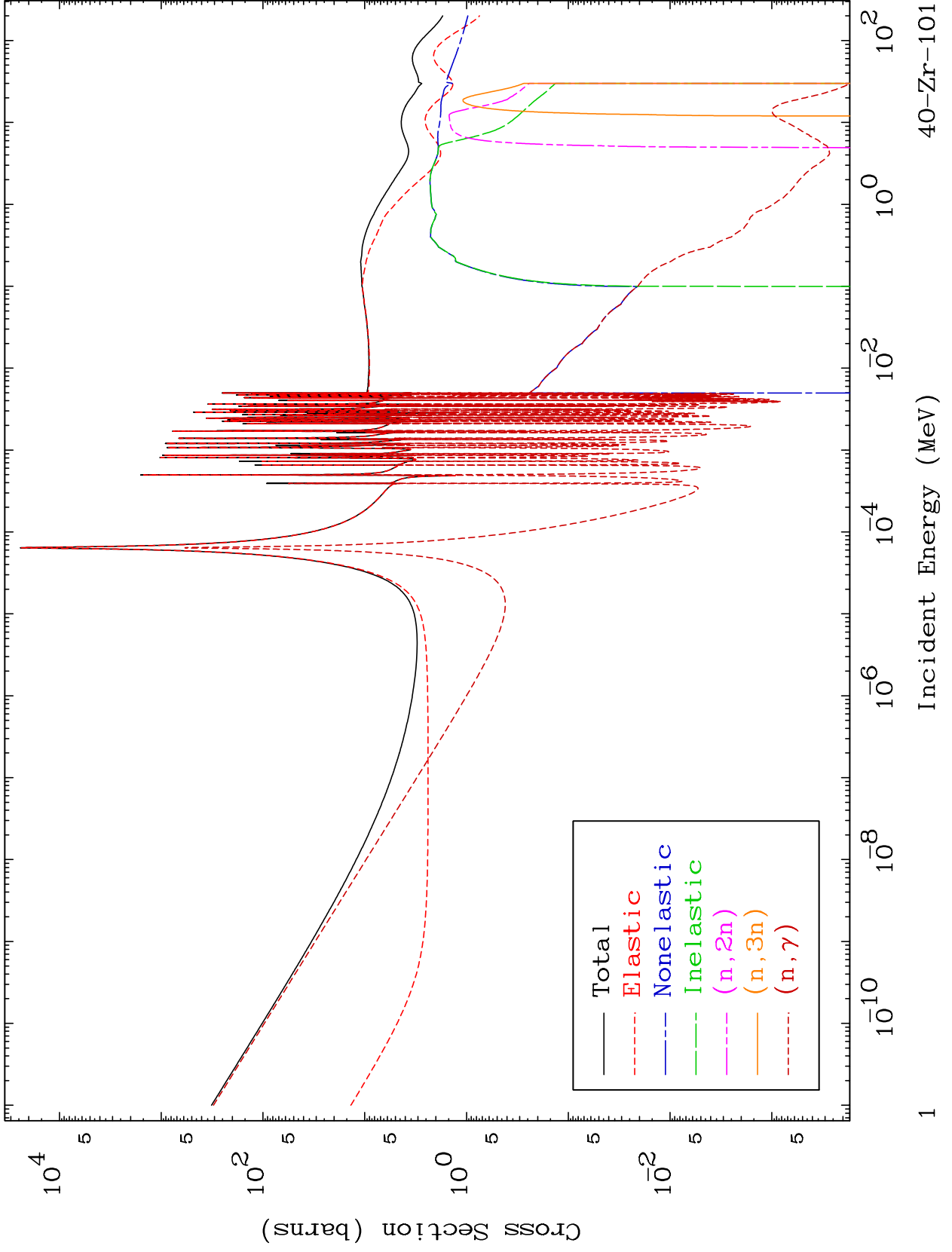
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4058

Neutron Major
293 Kelvin Cross Sections

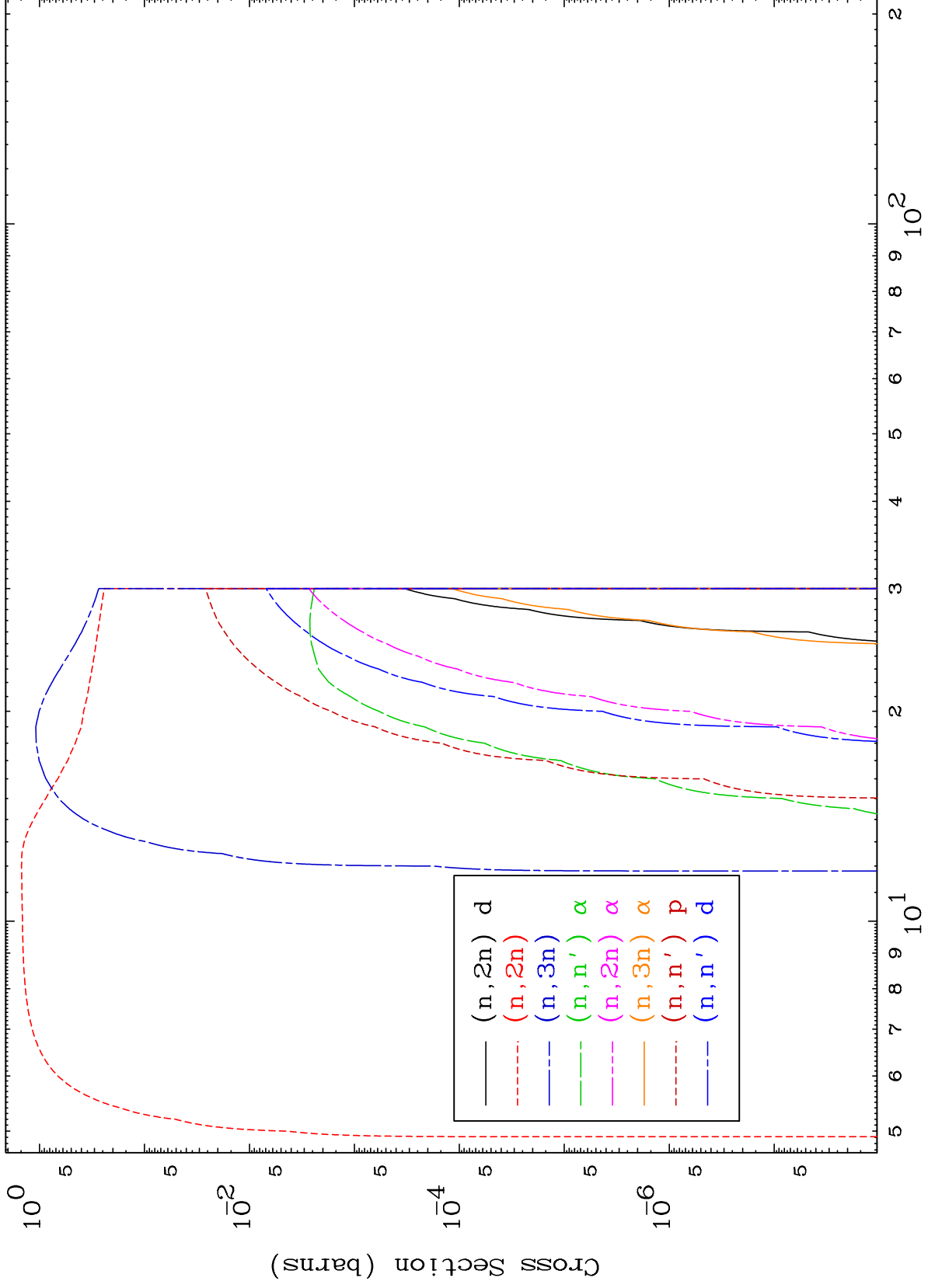
40-Zr-101



MAT 4058

Neutron Absorption
293 Kelvin Cross Sections

40-Zr-101



2

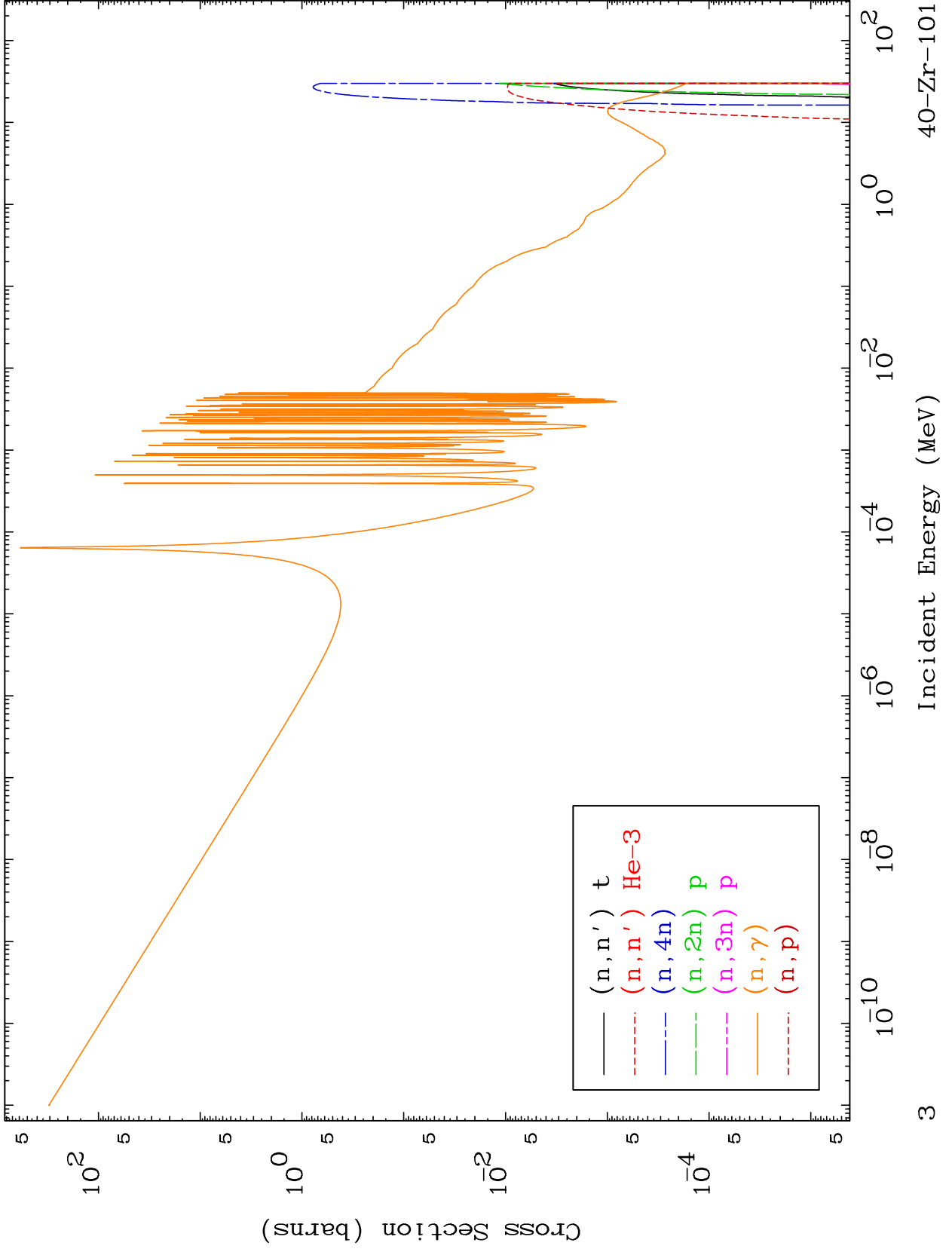
Incident Energy (MeV)

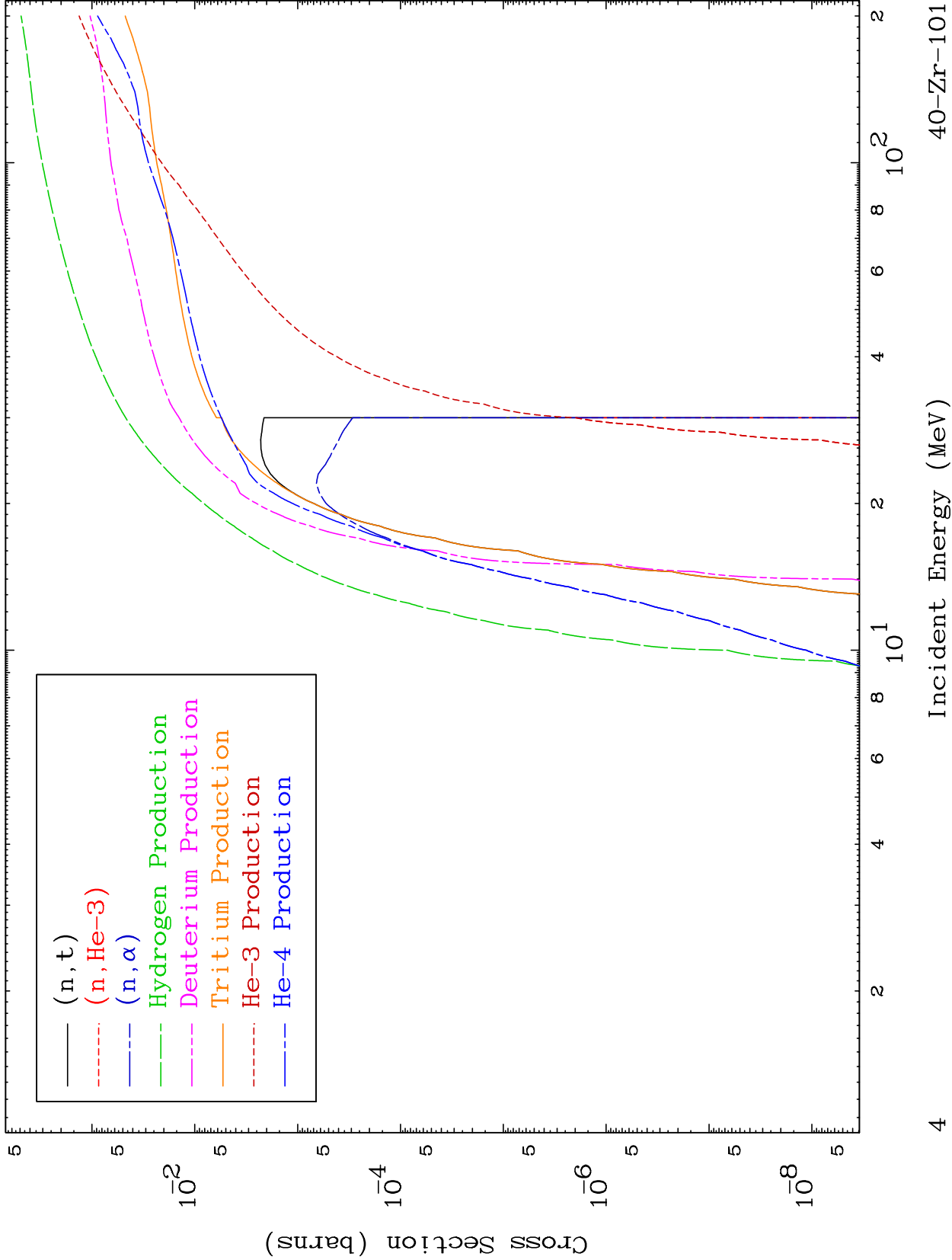
40-Zr-101

MAT 4058

Neutron Absorption
293 Kelvin Cross Sections

40-Zr-101

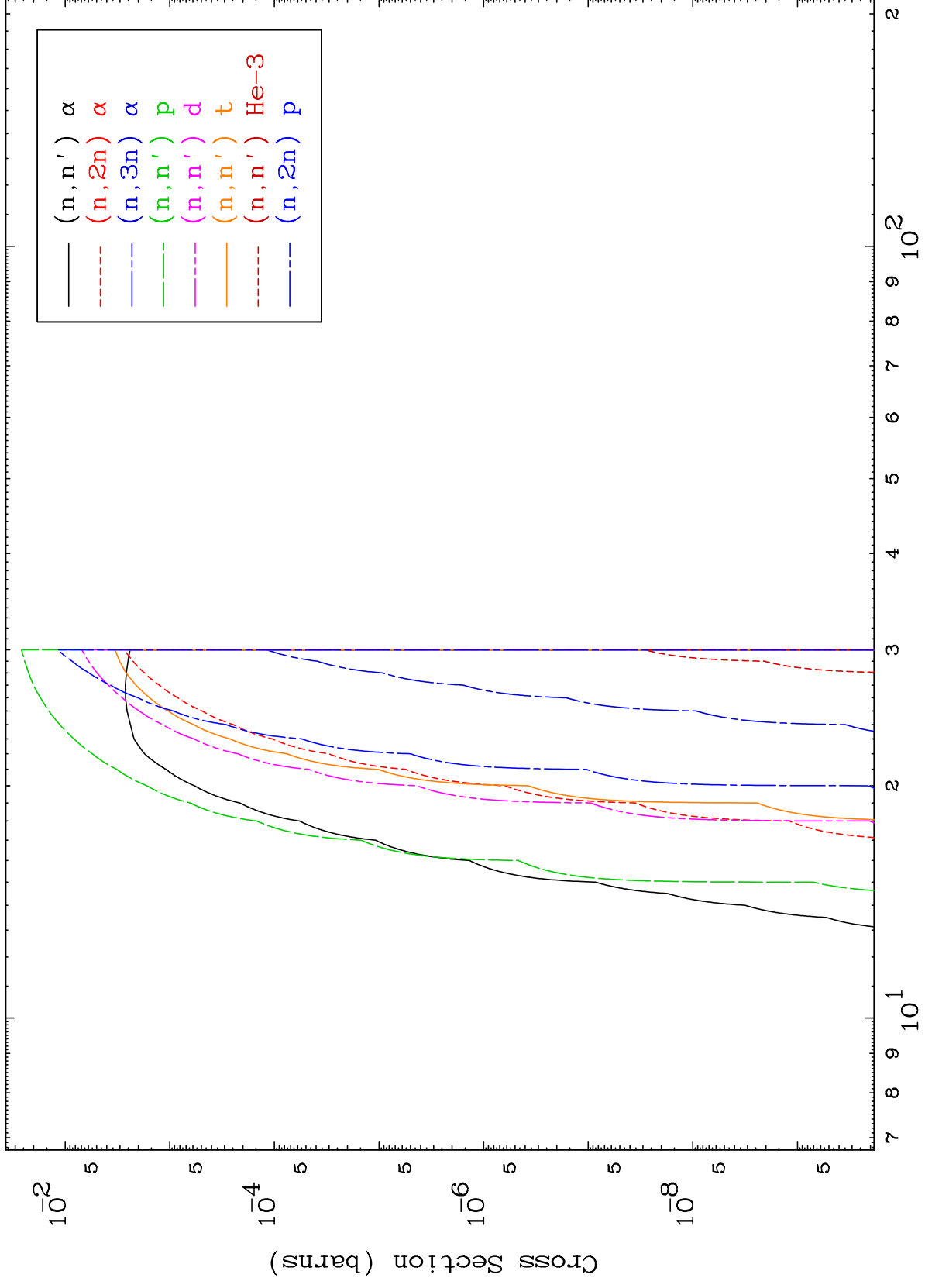




MAT 4058

Charged Particle
293 Kelvin Cross Sections

40-Zr-101



5

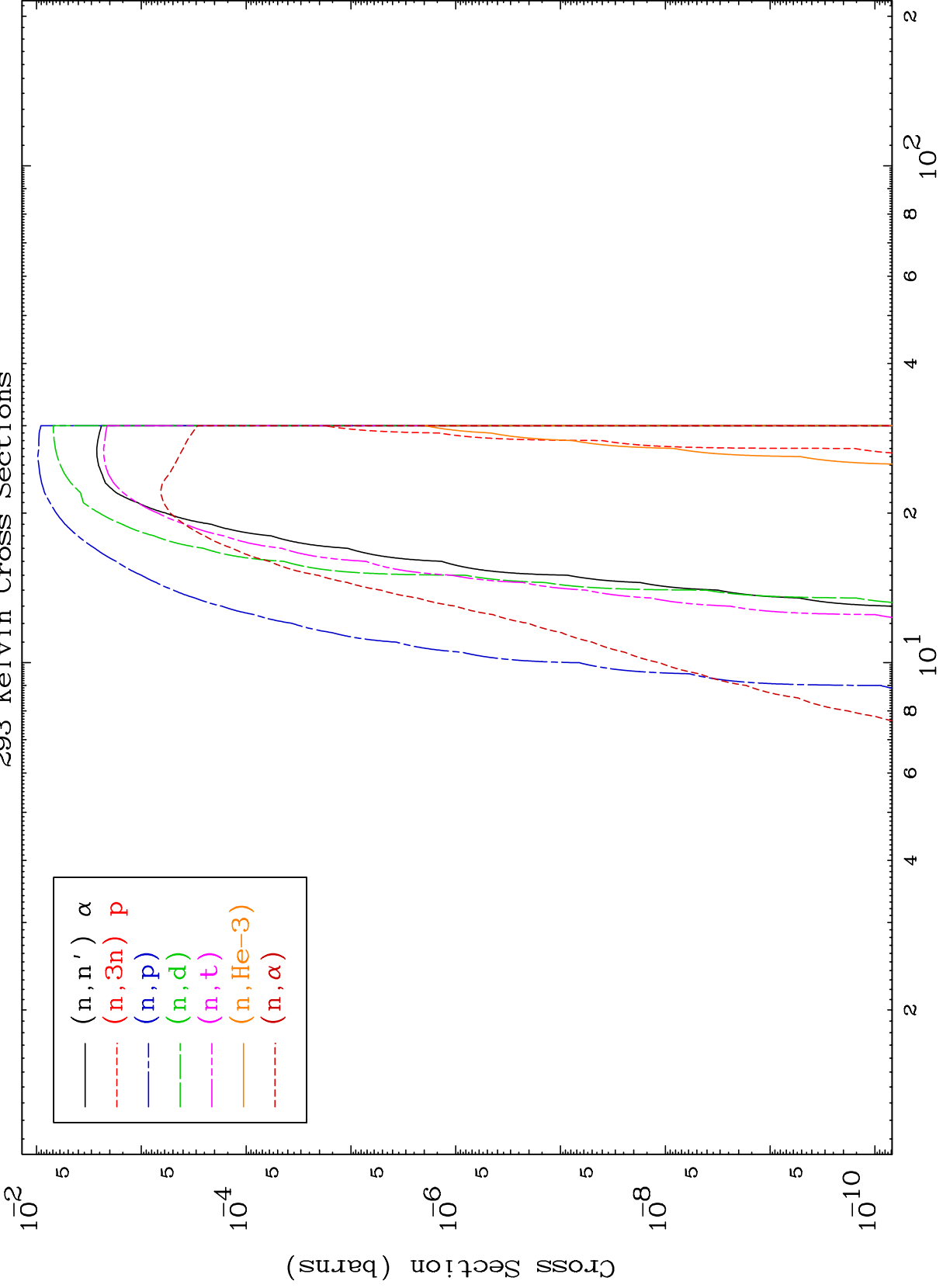
Incident Energy (MeV)

40-Zr-101

MAT 4058

Charged Particle
293 Kelvin Cross Sections

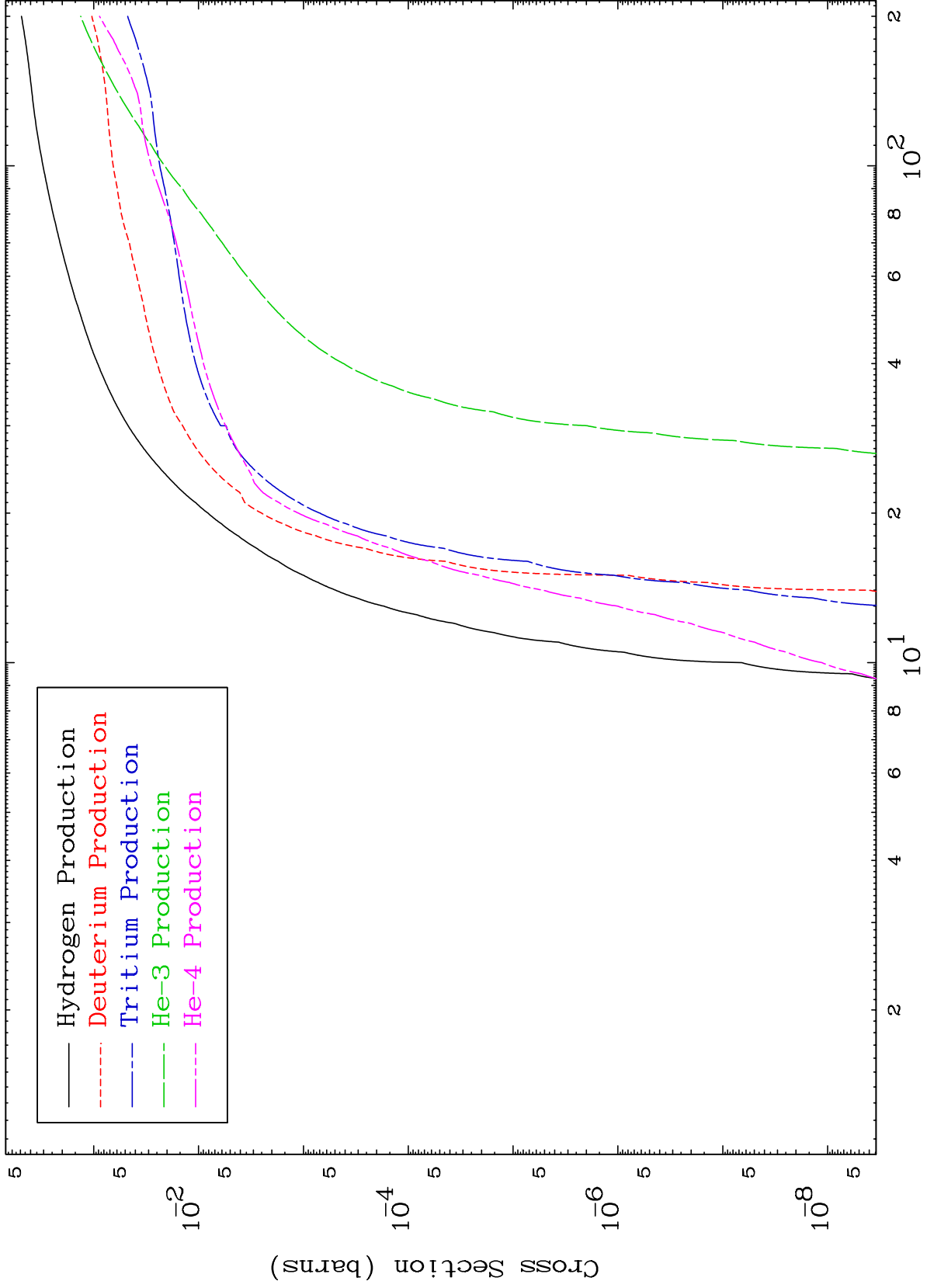
40-Zr-101



MAT 4058

Particle Production
293 Kelvin Cross Sections

40-Zr-101

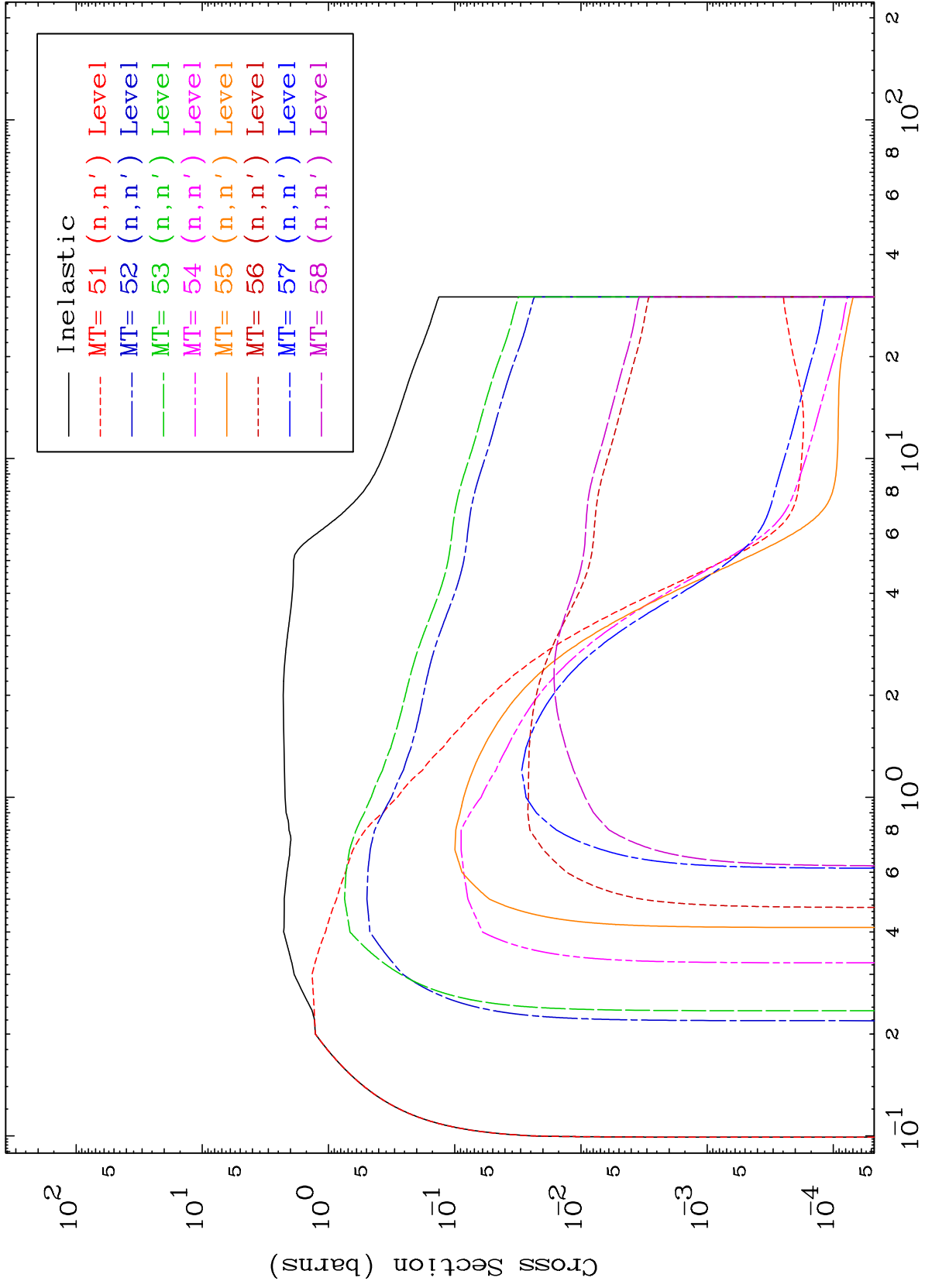


MAT 4058

(n,n') Levels

40-Zr-101

293 Kelvin Cross Sections



Incident Energy (MeV)

40-Zr-101

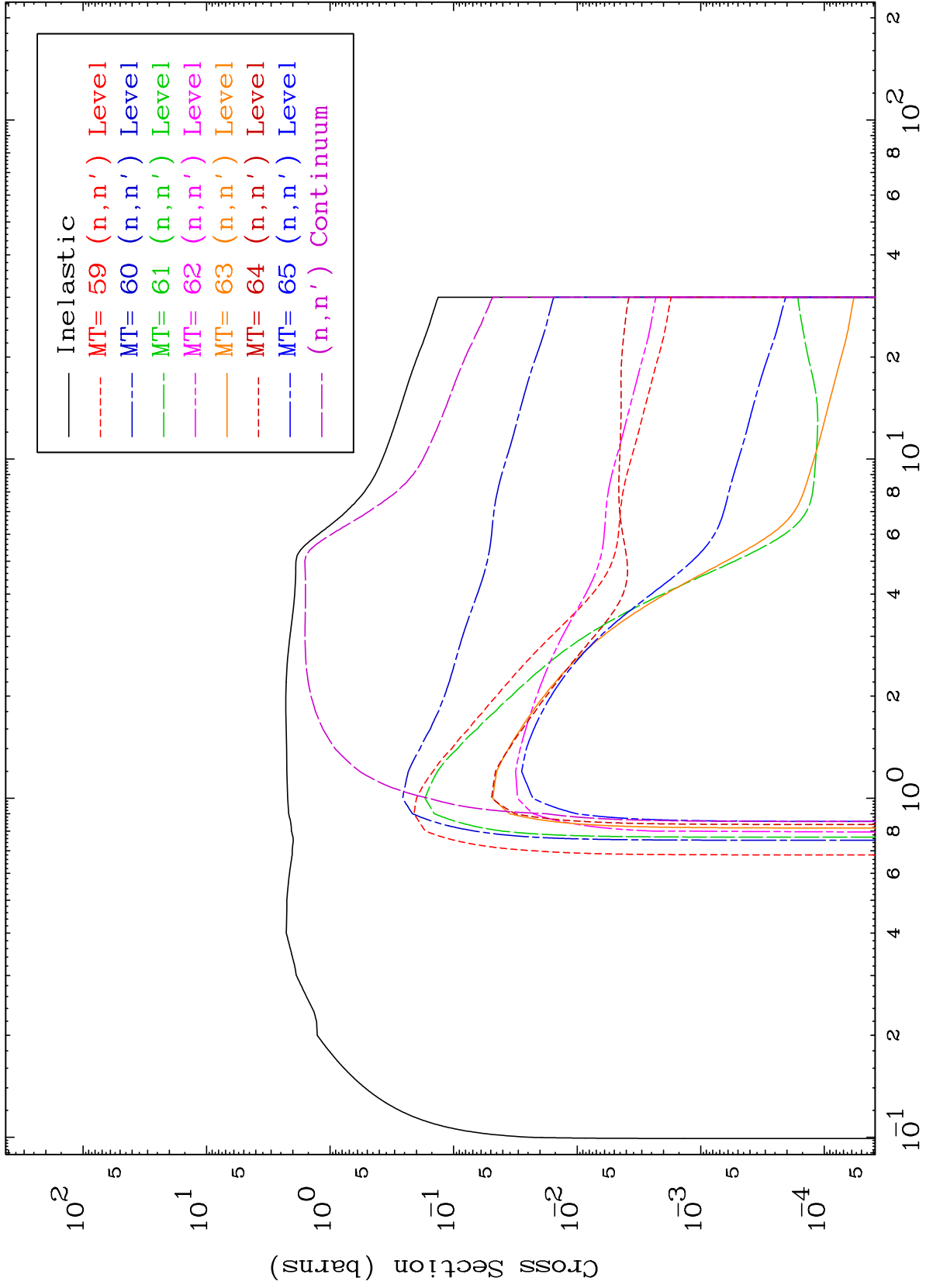
8

MAT 4058

(n,n') Levels

40-Zr-101

293 Kelvin Cross Sections



Incident Energy (MeV)

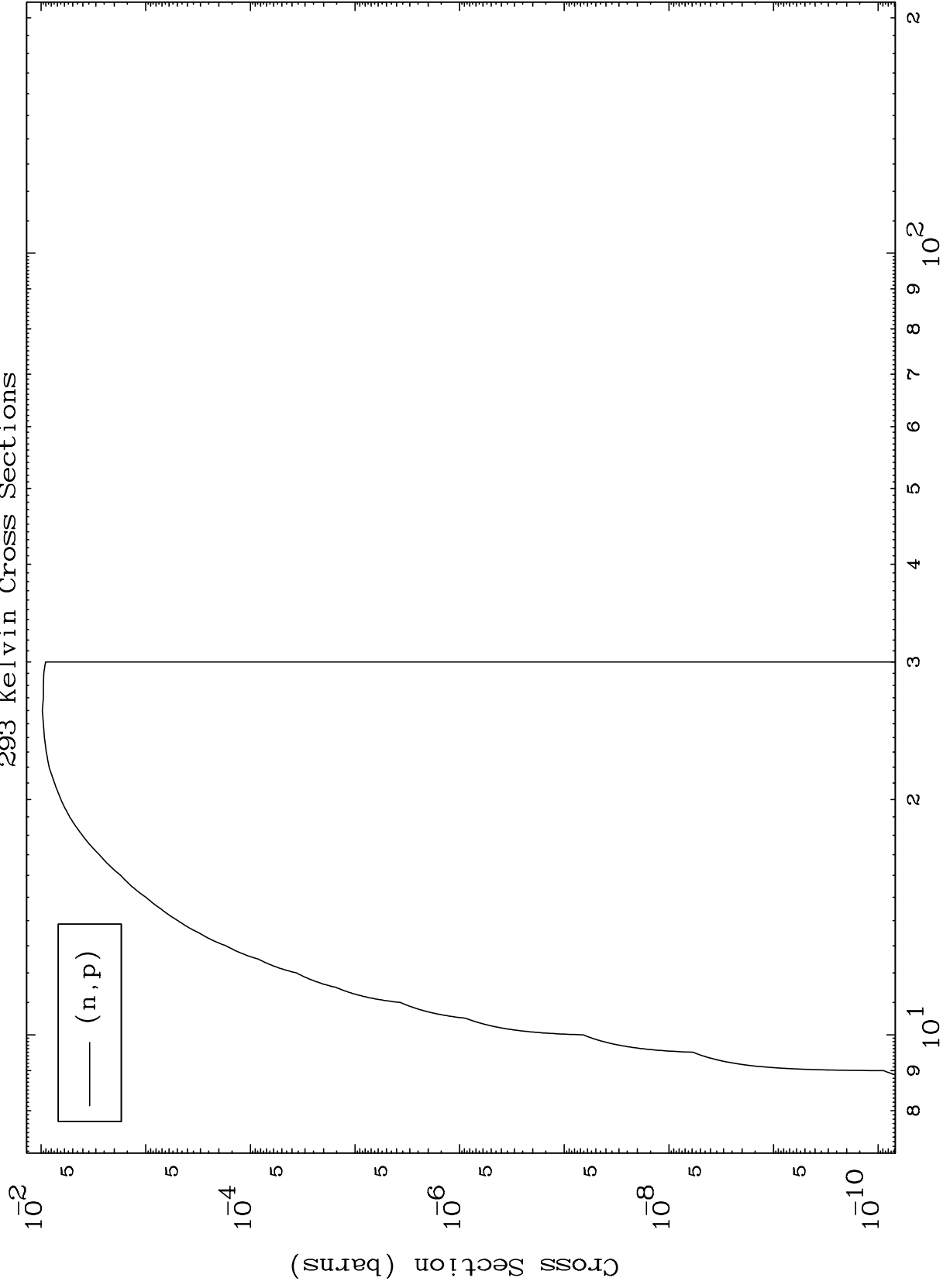
40-Zr-101

9

MAT 4058

(n,p) Levels
293 Kelvin Cross Sections

40-Zr-101



10

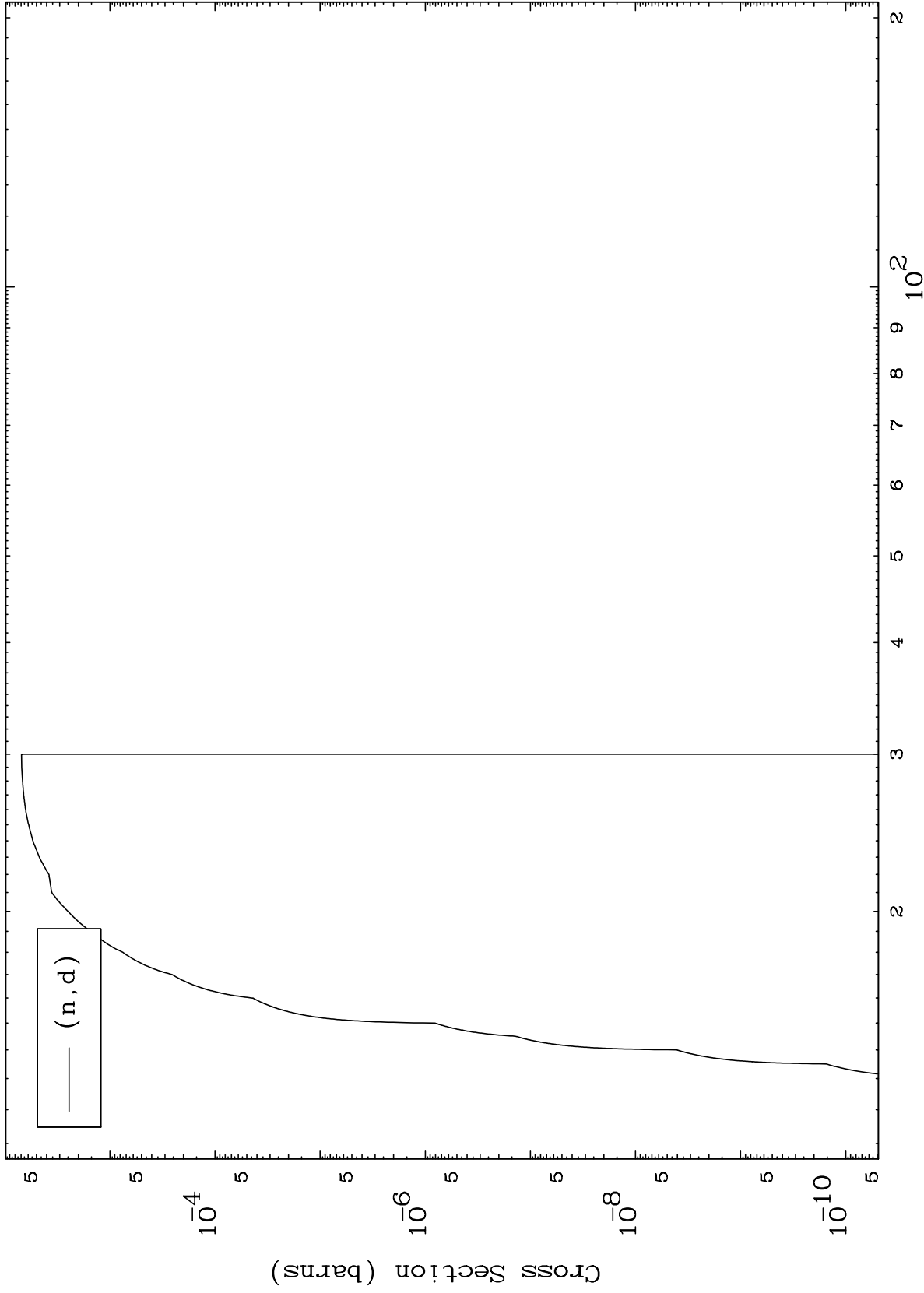
Incident Energy (MeV)

40-Zr-101

MAT 4058

(n,d) Levels
293 Kelvin Cross Sections

40-Zr-101



11

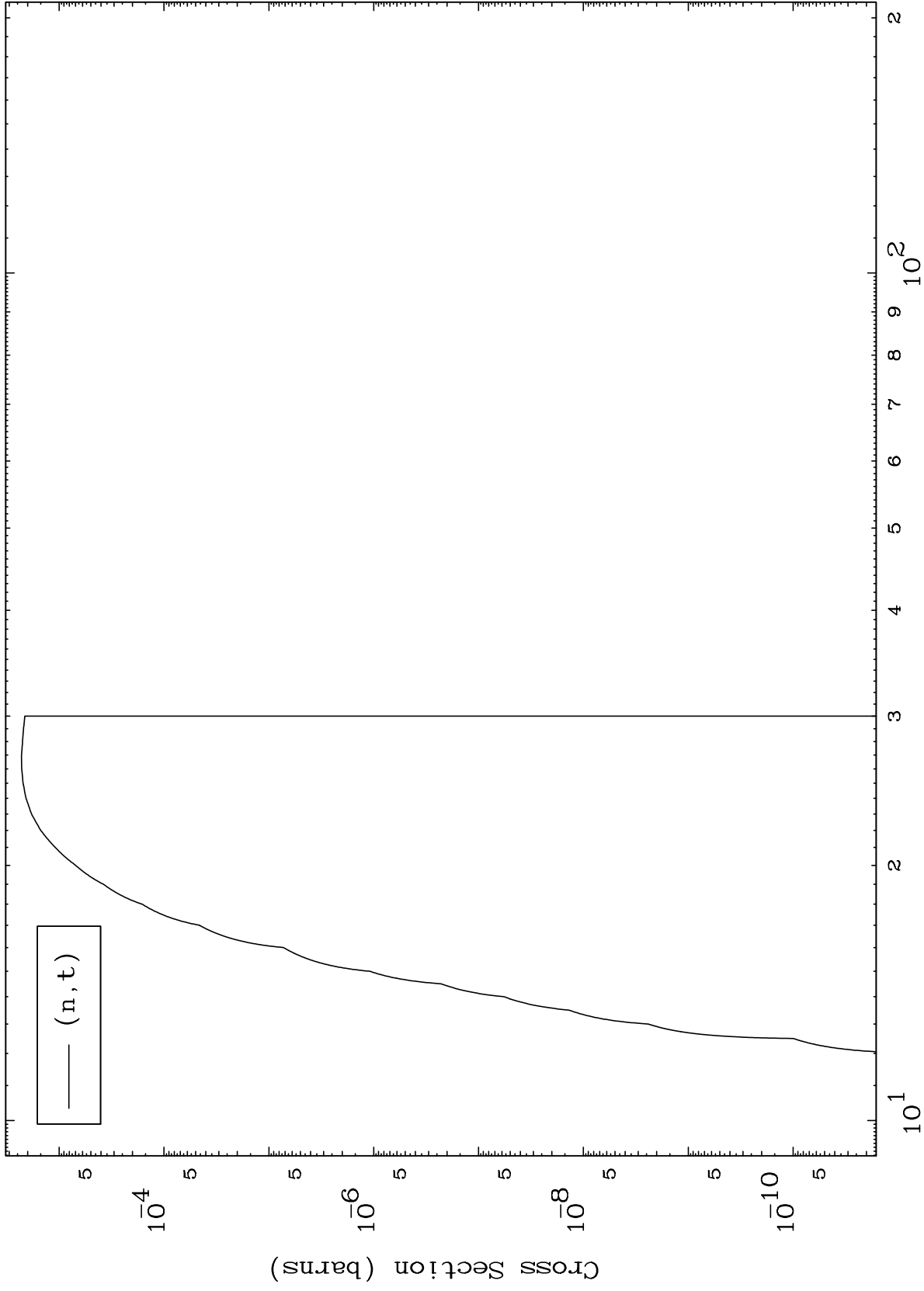
Incident Energy (MeV)

40-Zr-101

MAT 4058

(n,t) Levels
293 Kelvin Cross Sections

40-Zr-101



Incident Energy (MeV)

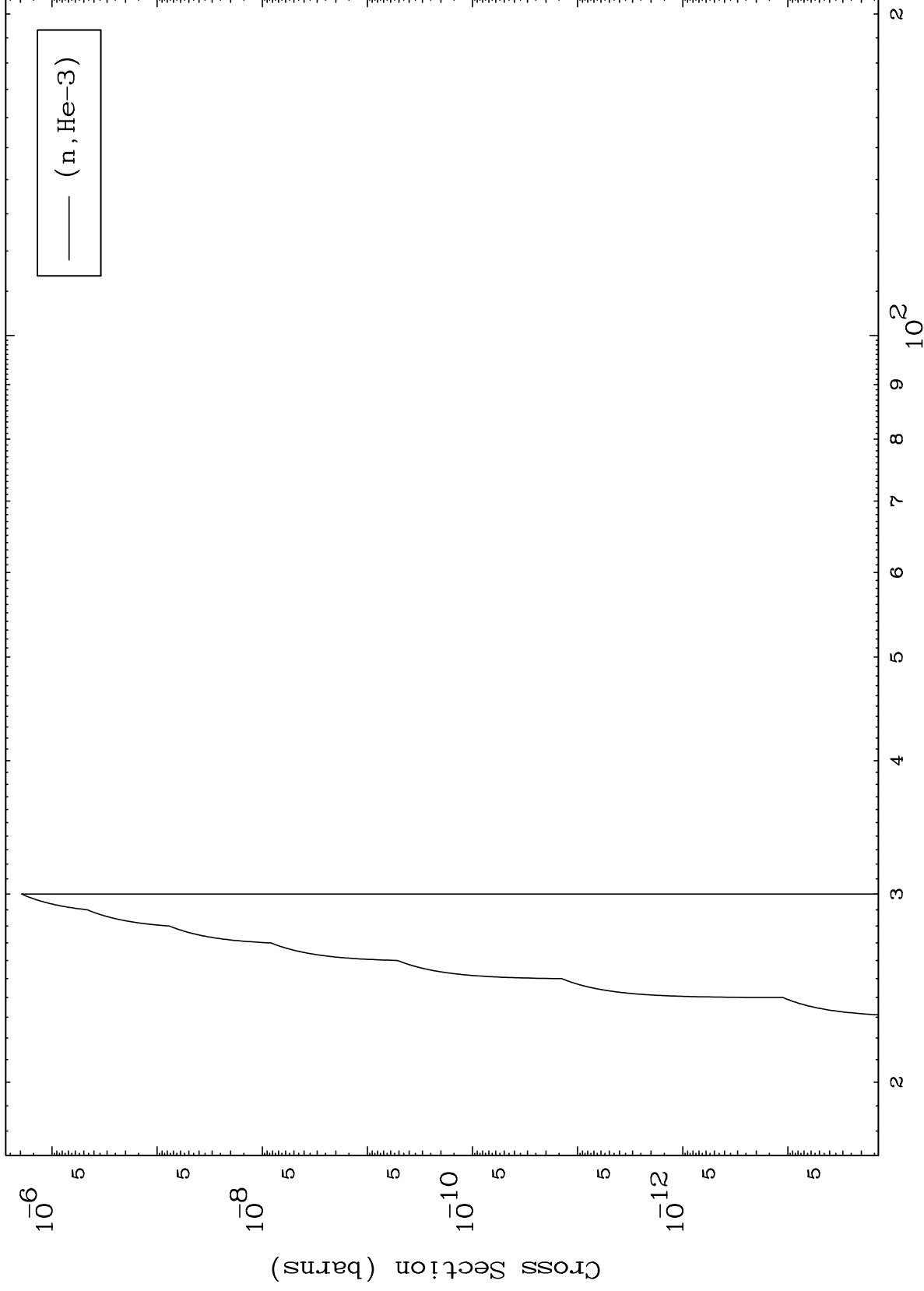
40-Zr-101

12

MAT 4058

(n,He3) Levels
293 Kelvin Cross Sections

40-Zr-101



13

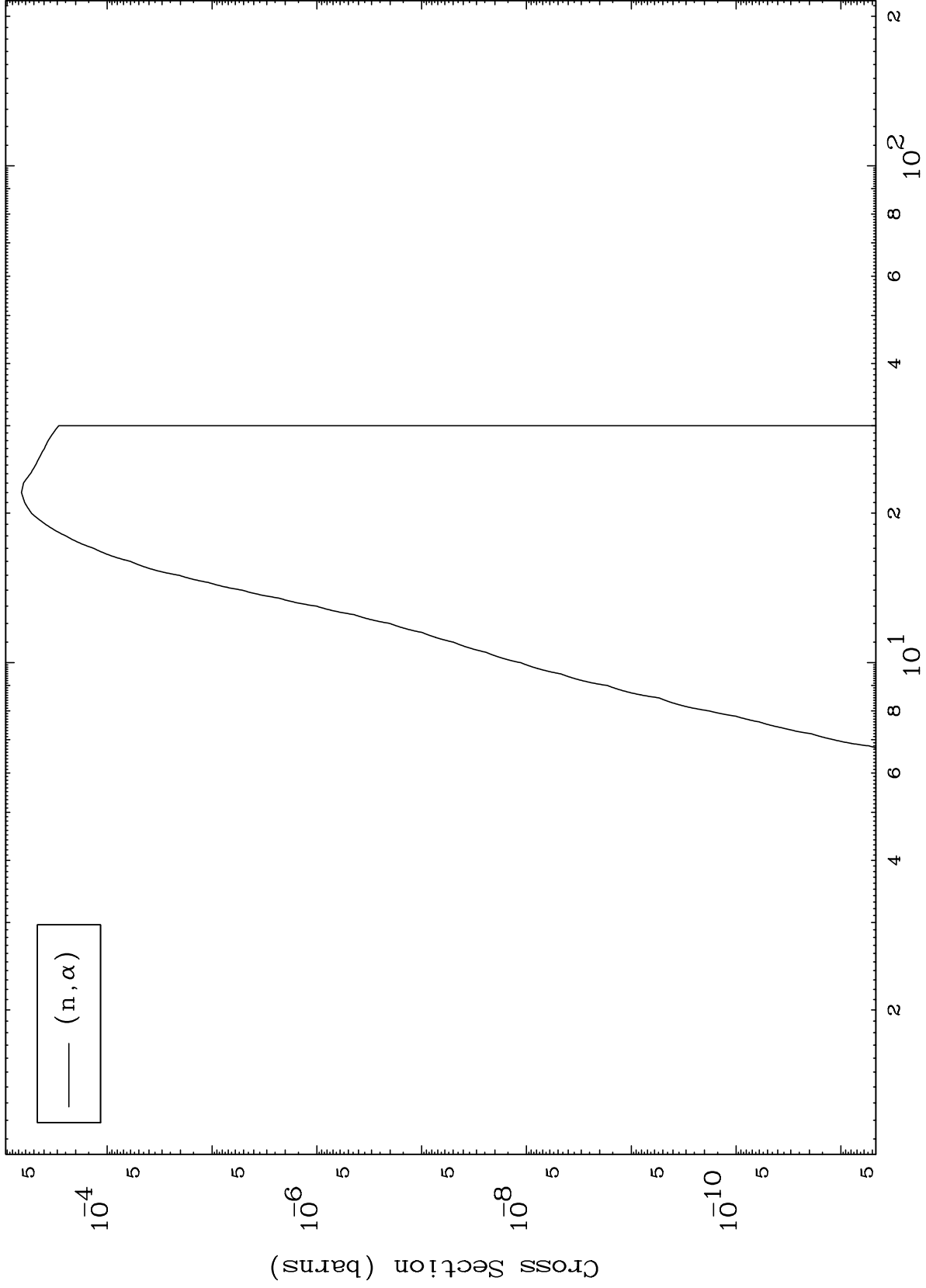
Incident Energy (MeV)

40-Zr-101

MAT 4058

(n, α) Levels
293 Kelvin Cross Sections

40-Zr-101



14

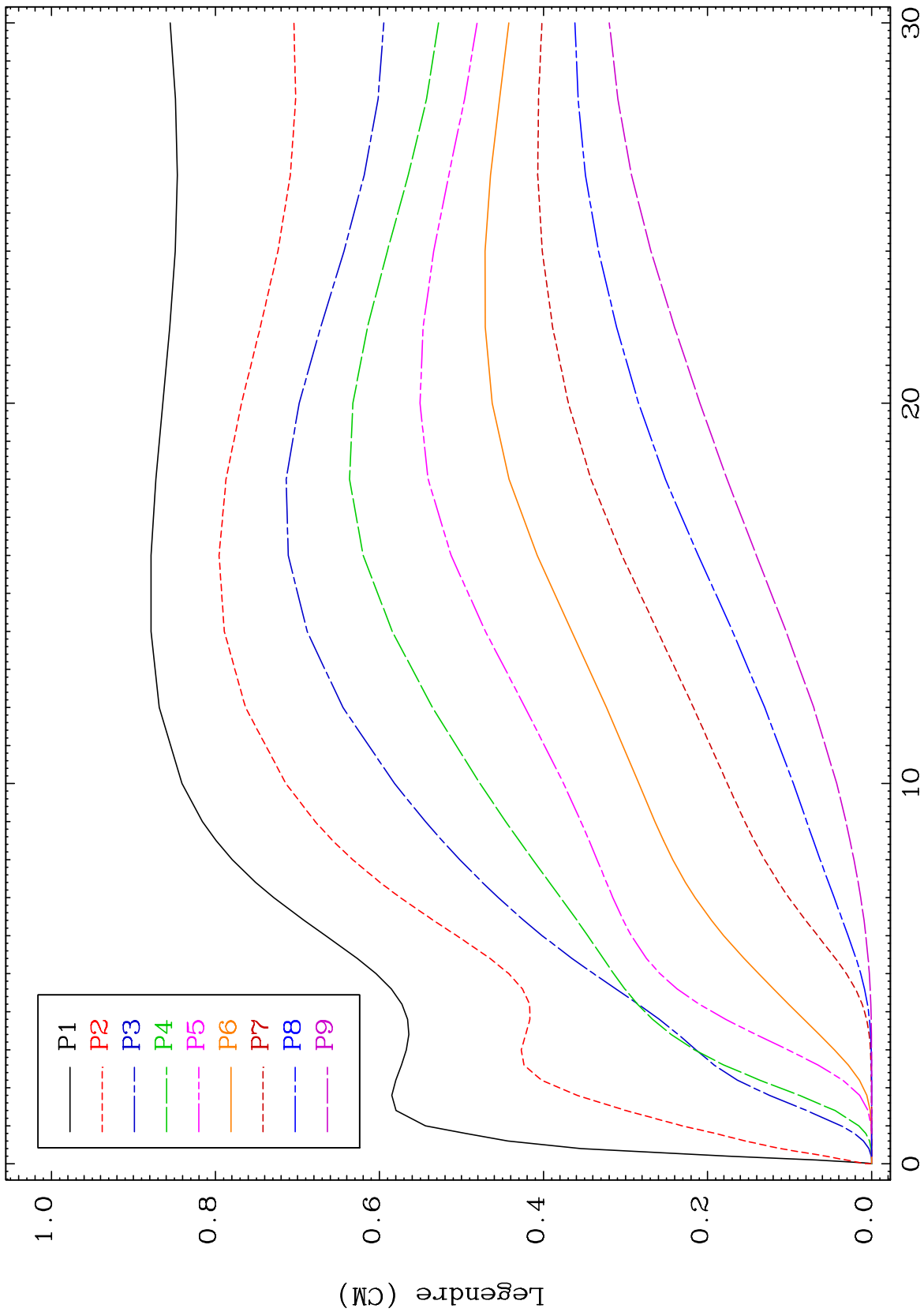
Incident Energy (MeV)

40-Zr-101

MAT 4058

Elastic Legendre Coefficients

40-Zr-101



40-Zr-101

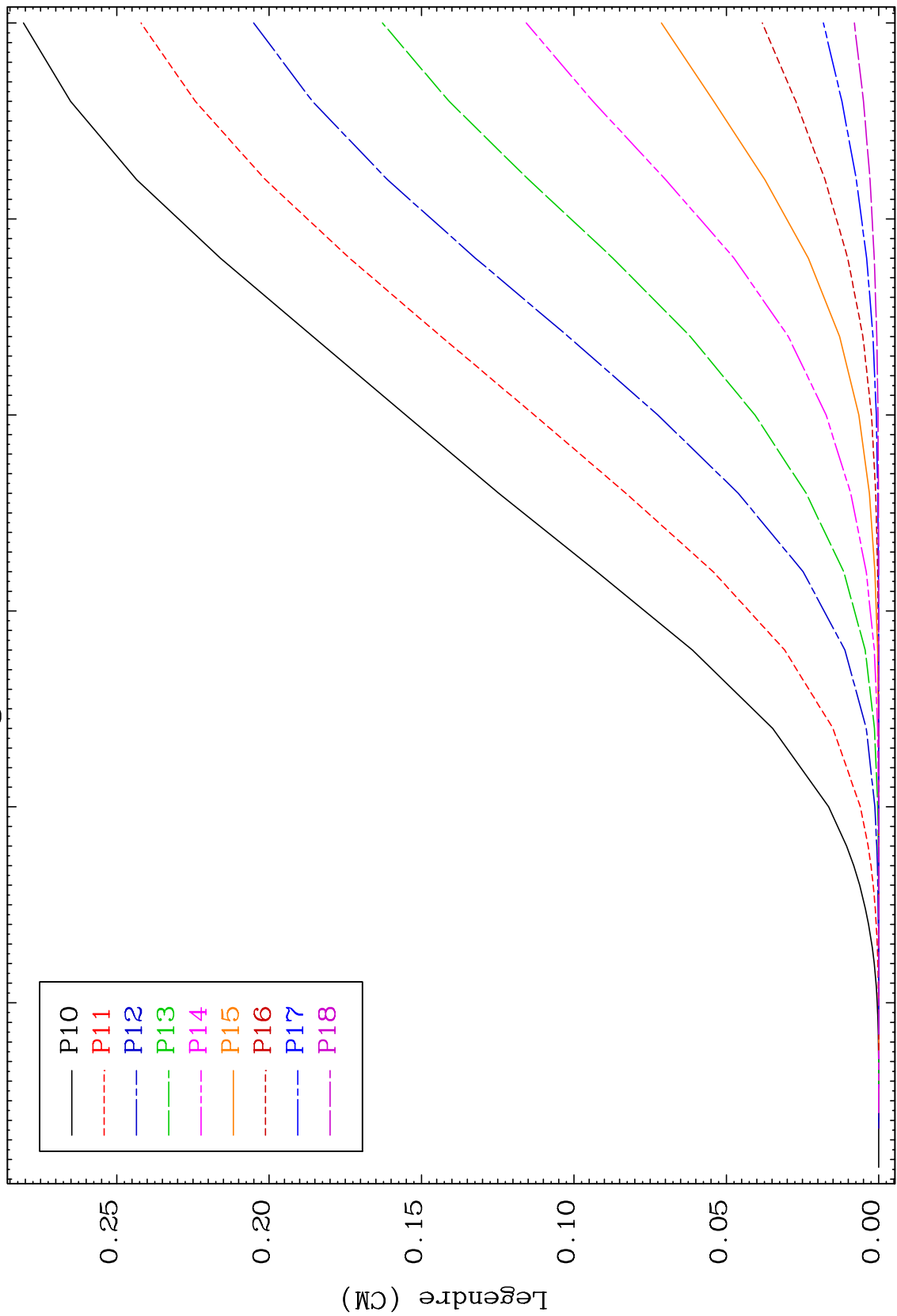
Incident Energy (MeV)

15

MAT 4058

Elastic Legendre Coefficients

40-Zr-101



16

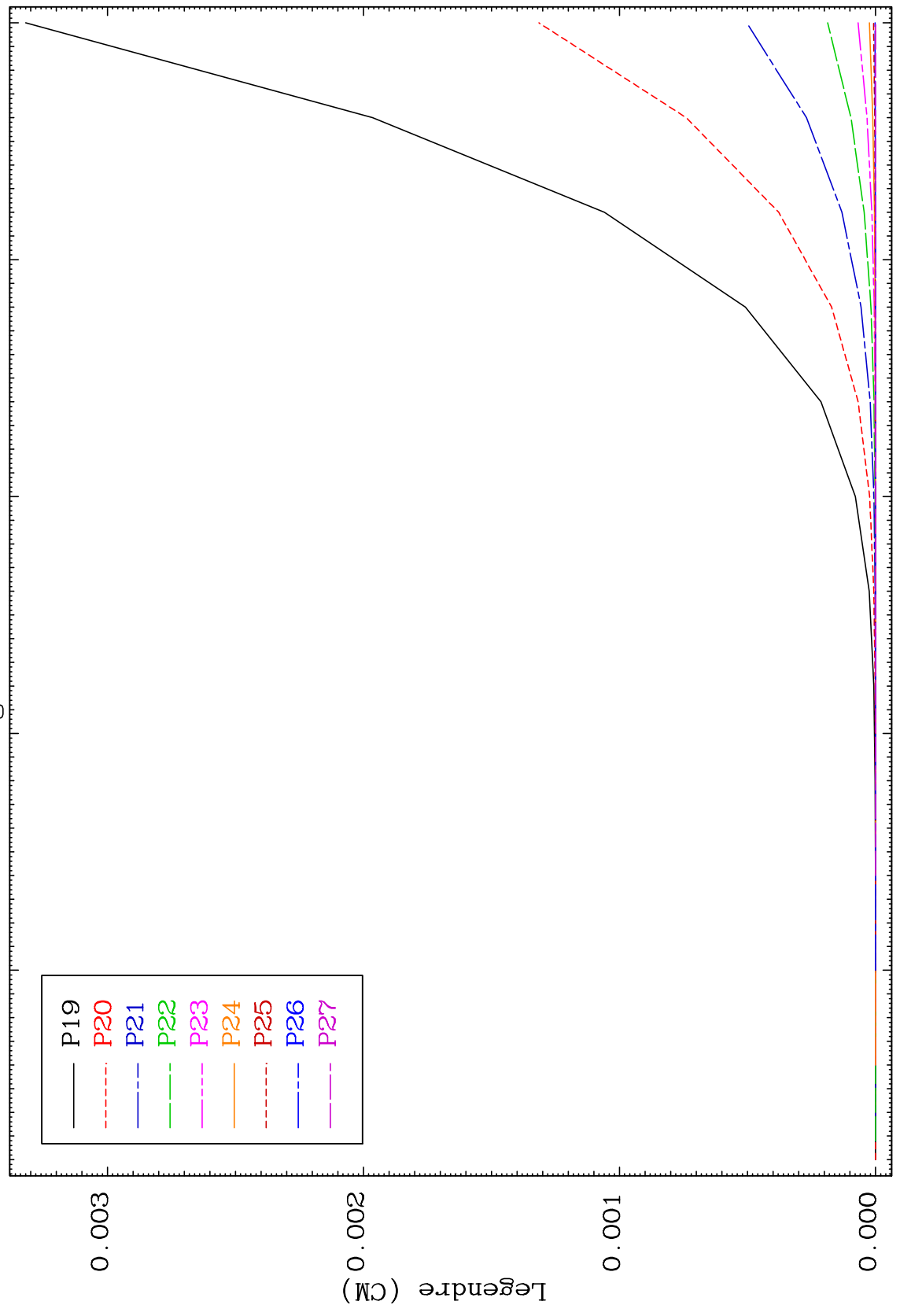
40-Zr-101

Incident Energy (MeV)

MAT 4058

Elastic Legendre Coefficients

40-Zr-101



17

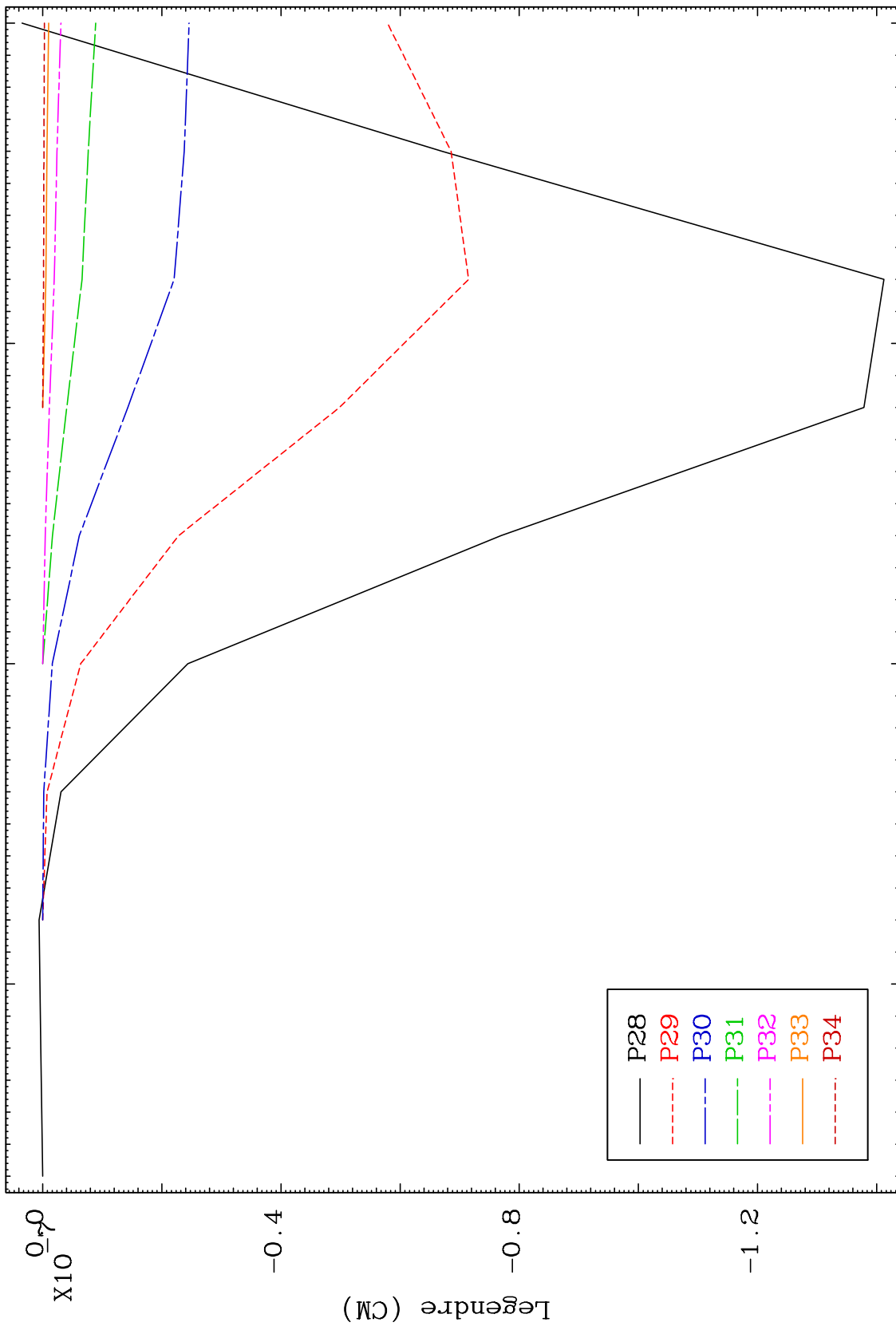
40-Zr-101

Incident Energy (MeV)

MAT 4058

40-Zr-101

Elastic Legendre Coefficients



18

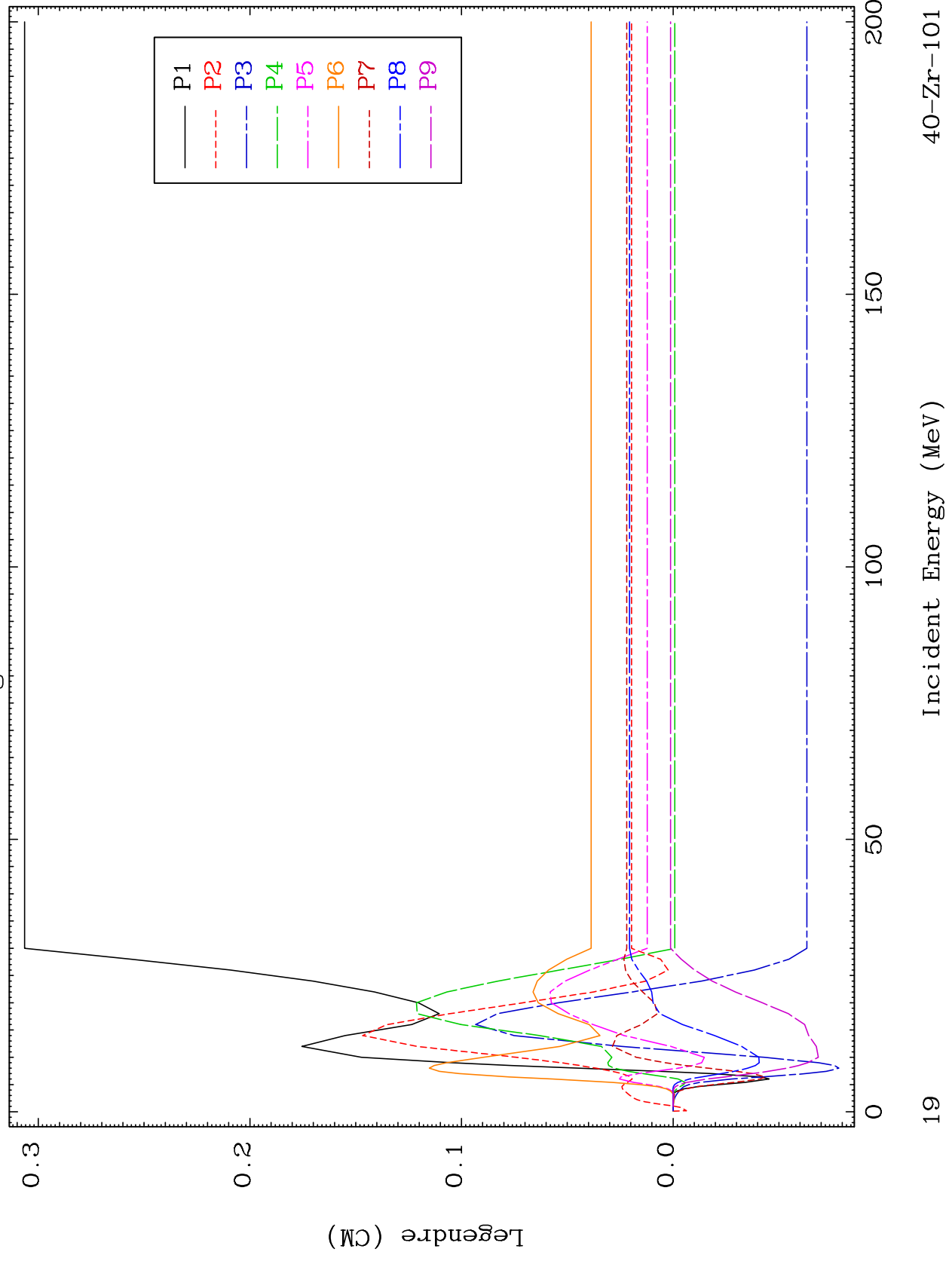
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

40-Zr-101



19

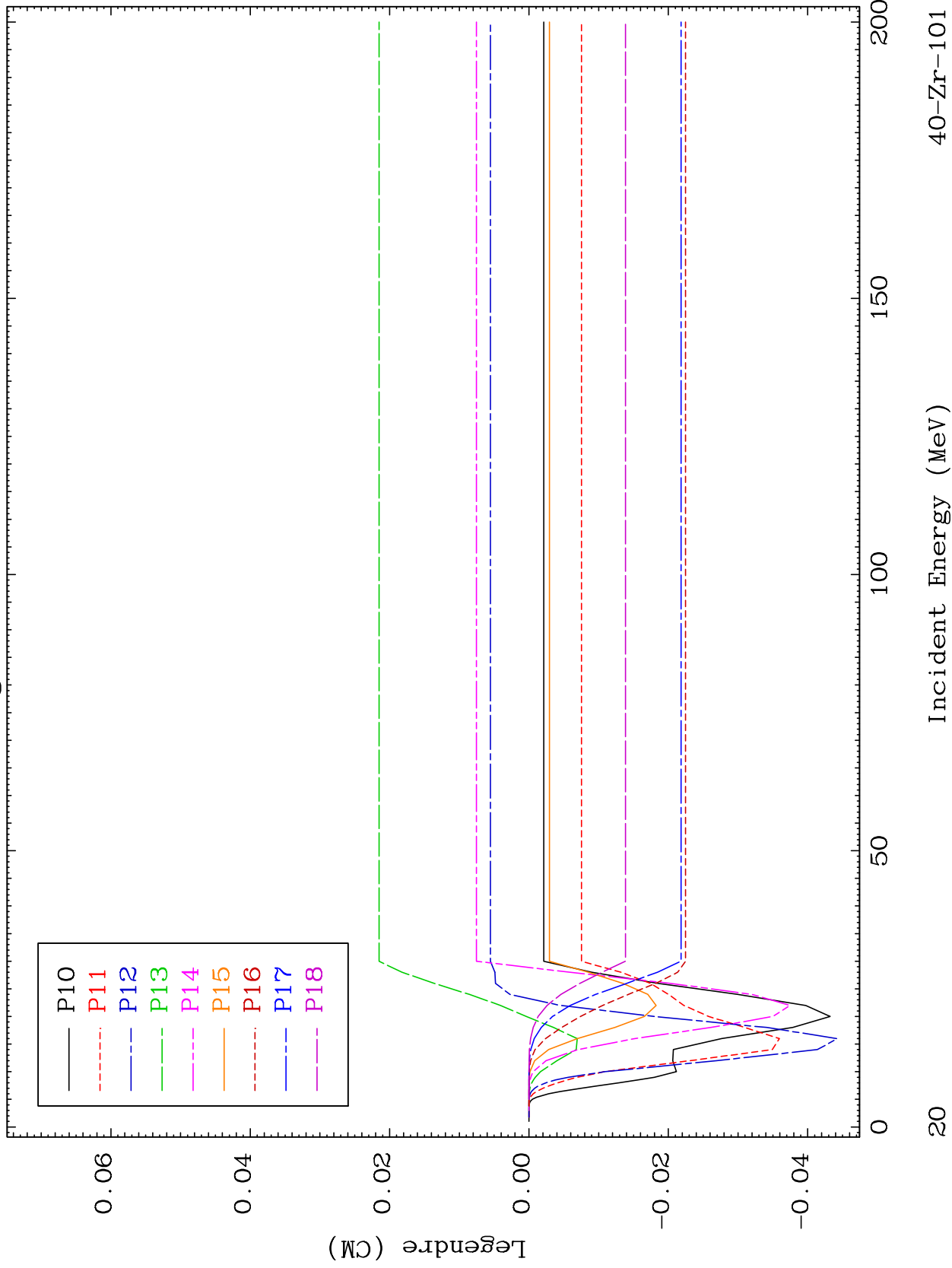
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

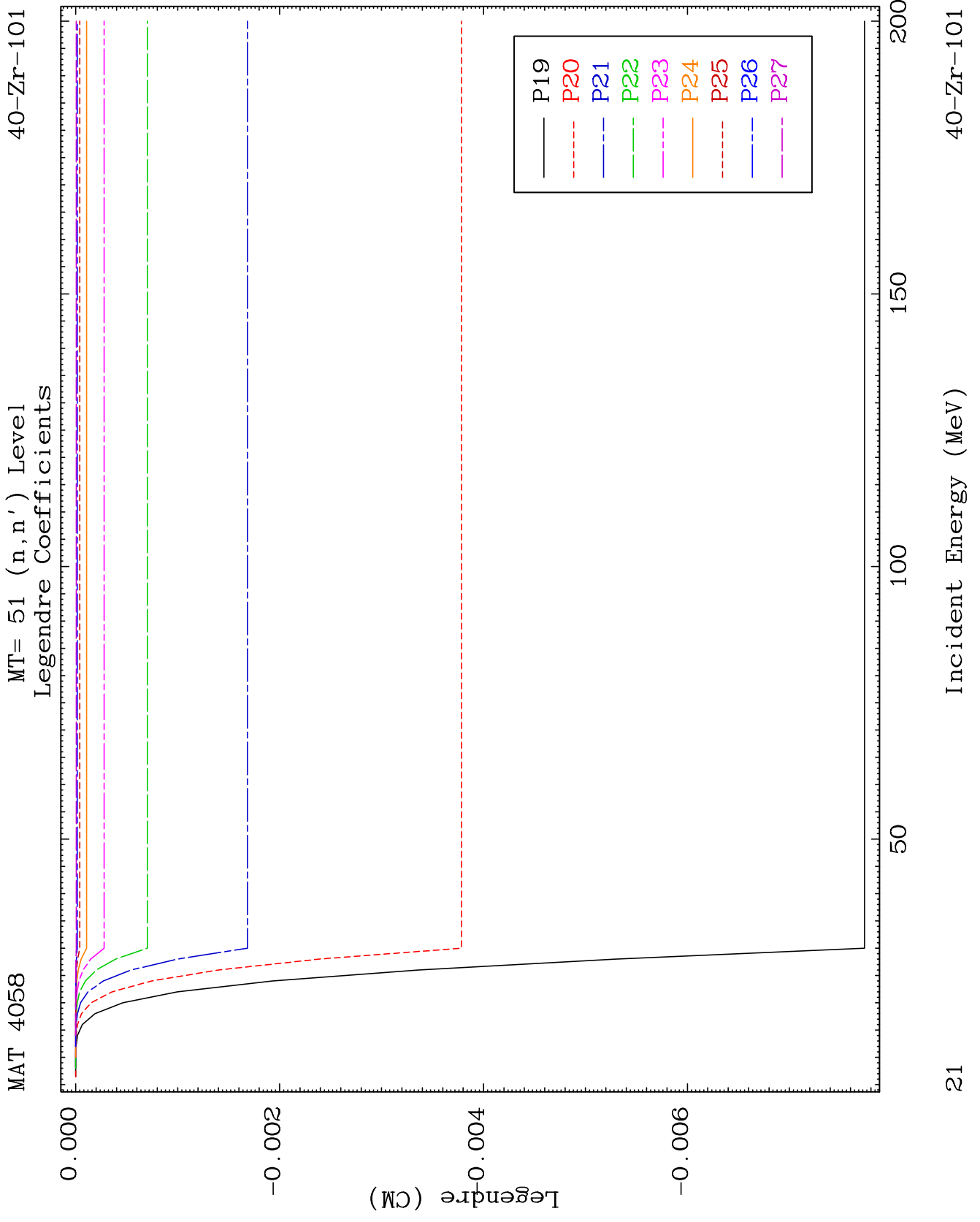
40-Zr-101

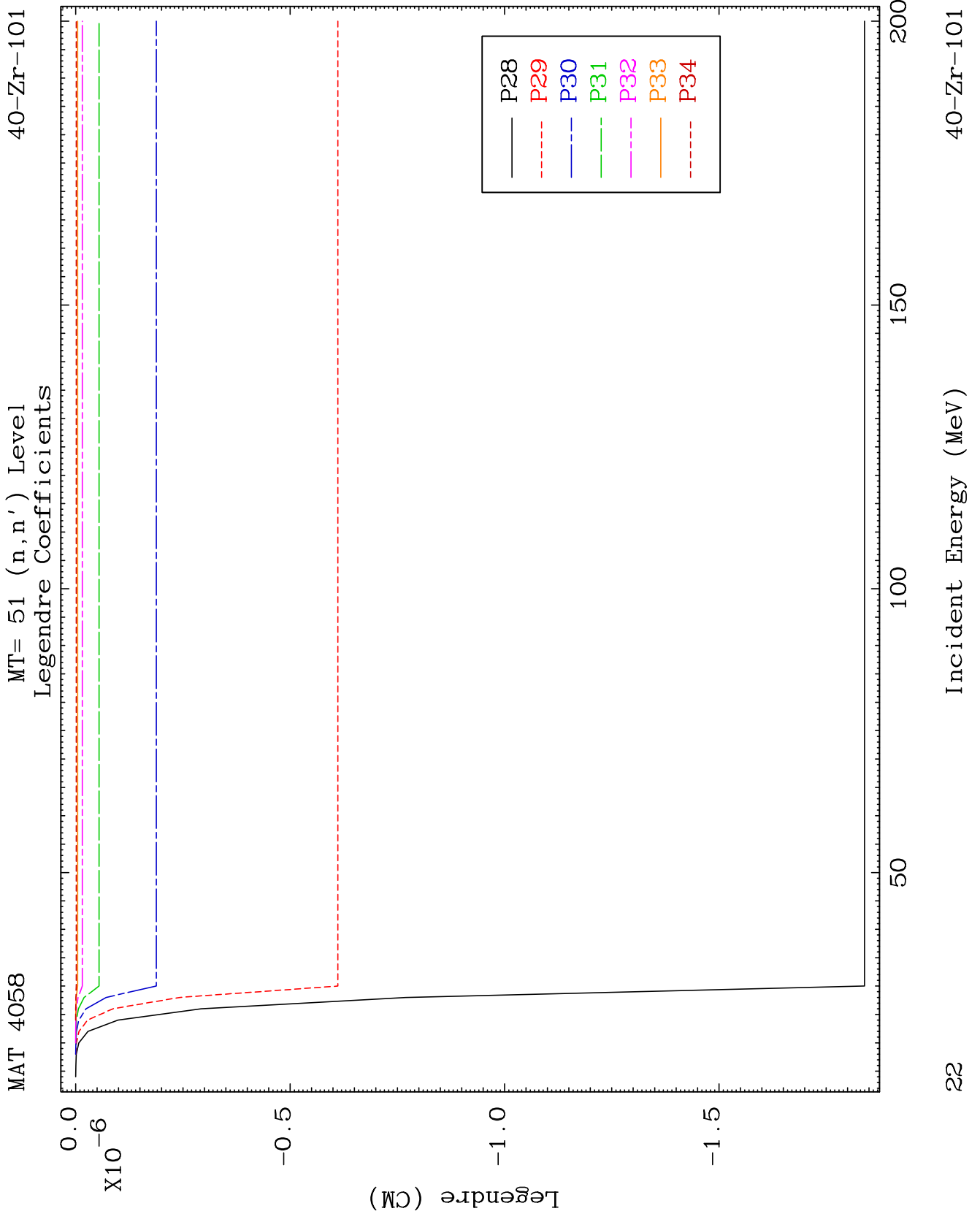


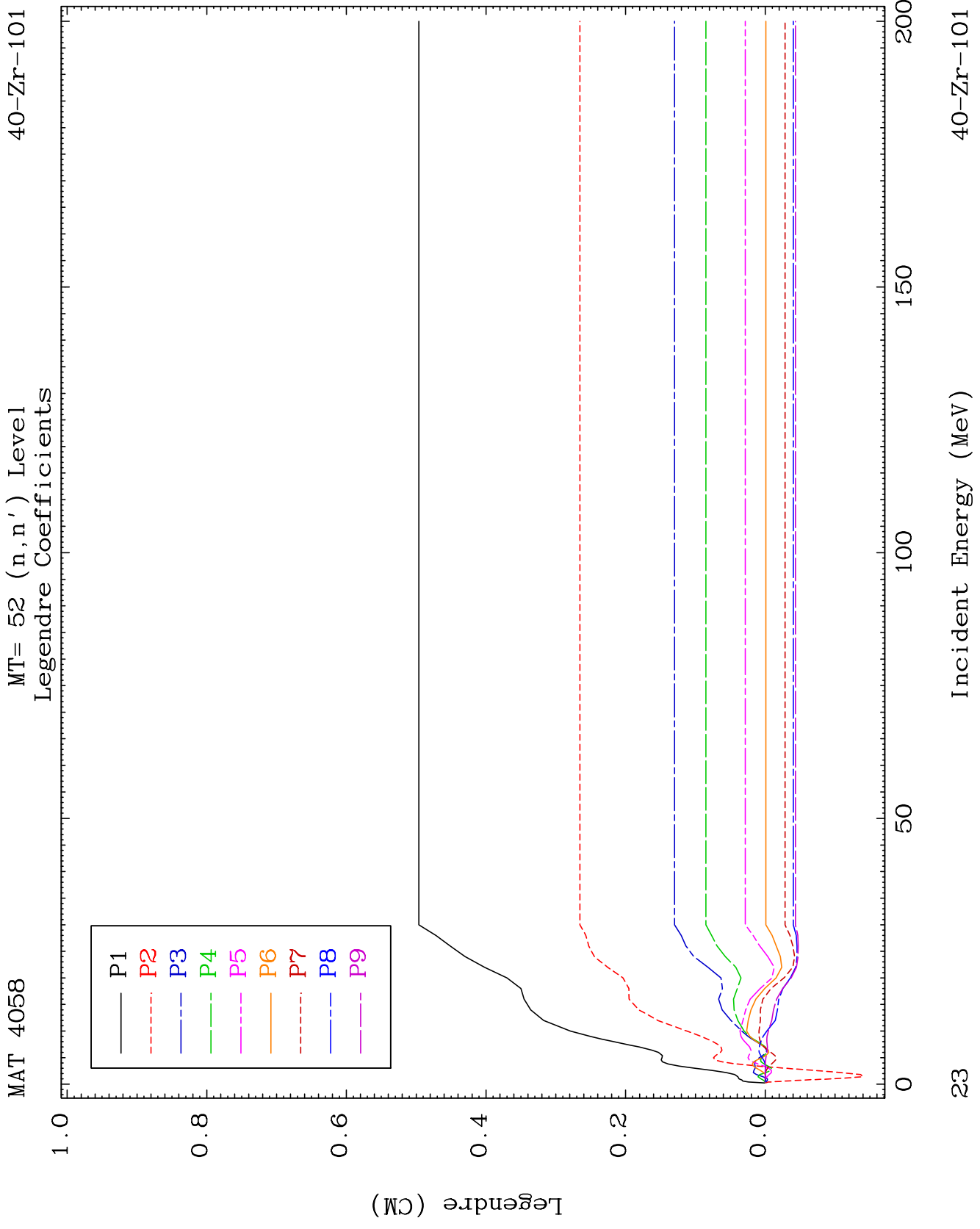
40-Zr-101

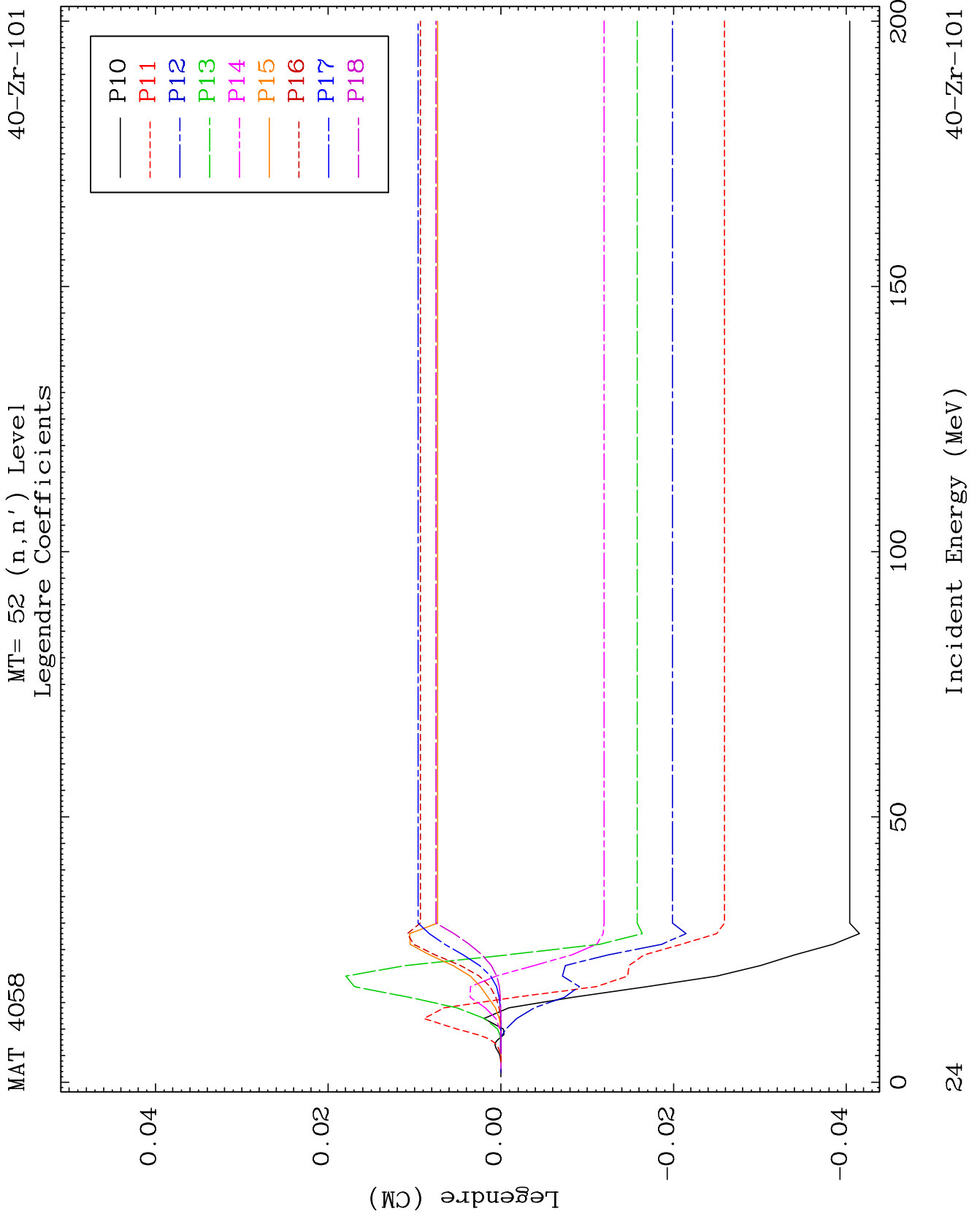
Incident Energy (MeV)

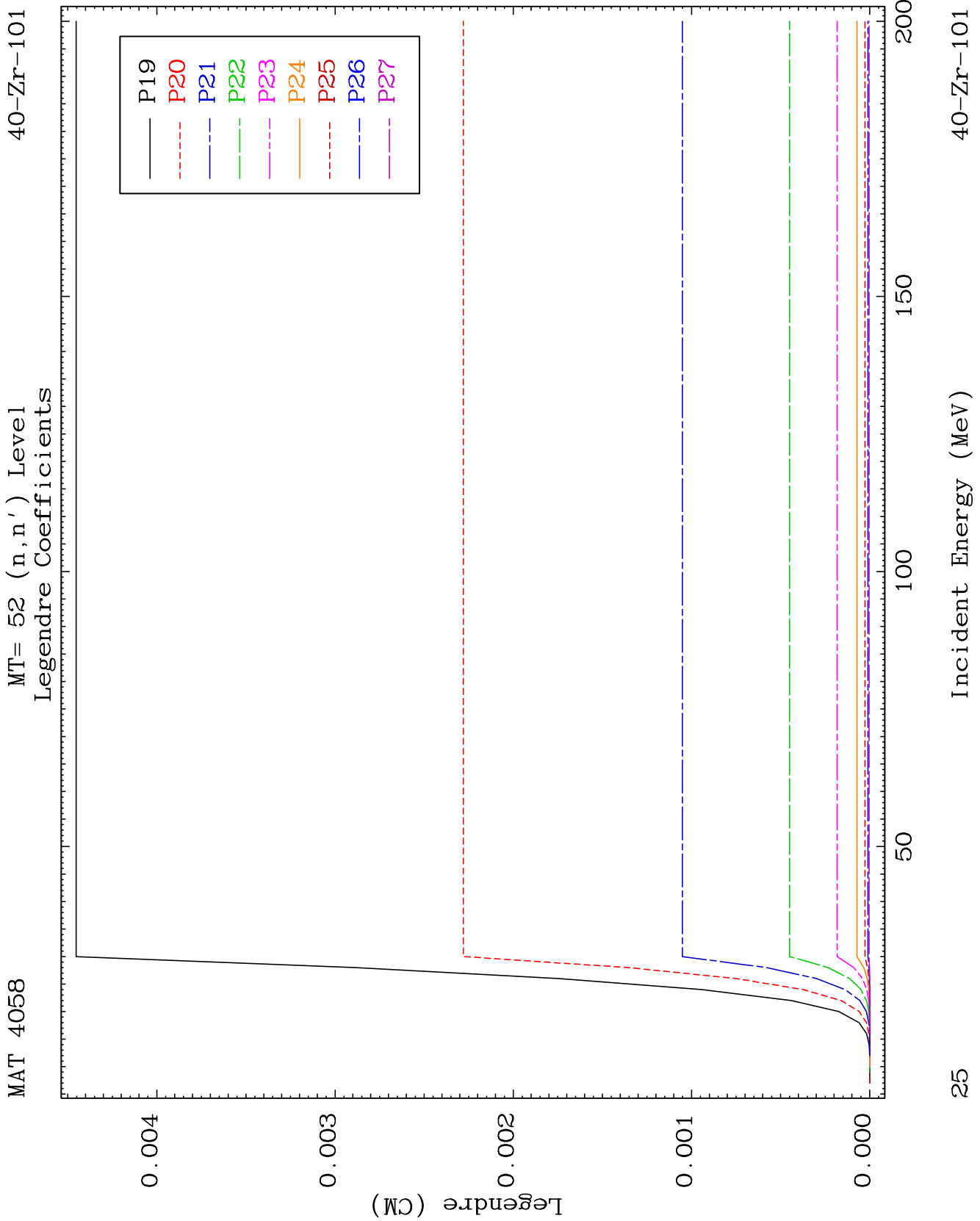
0







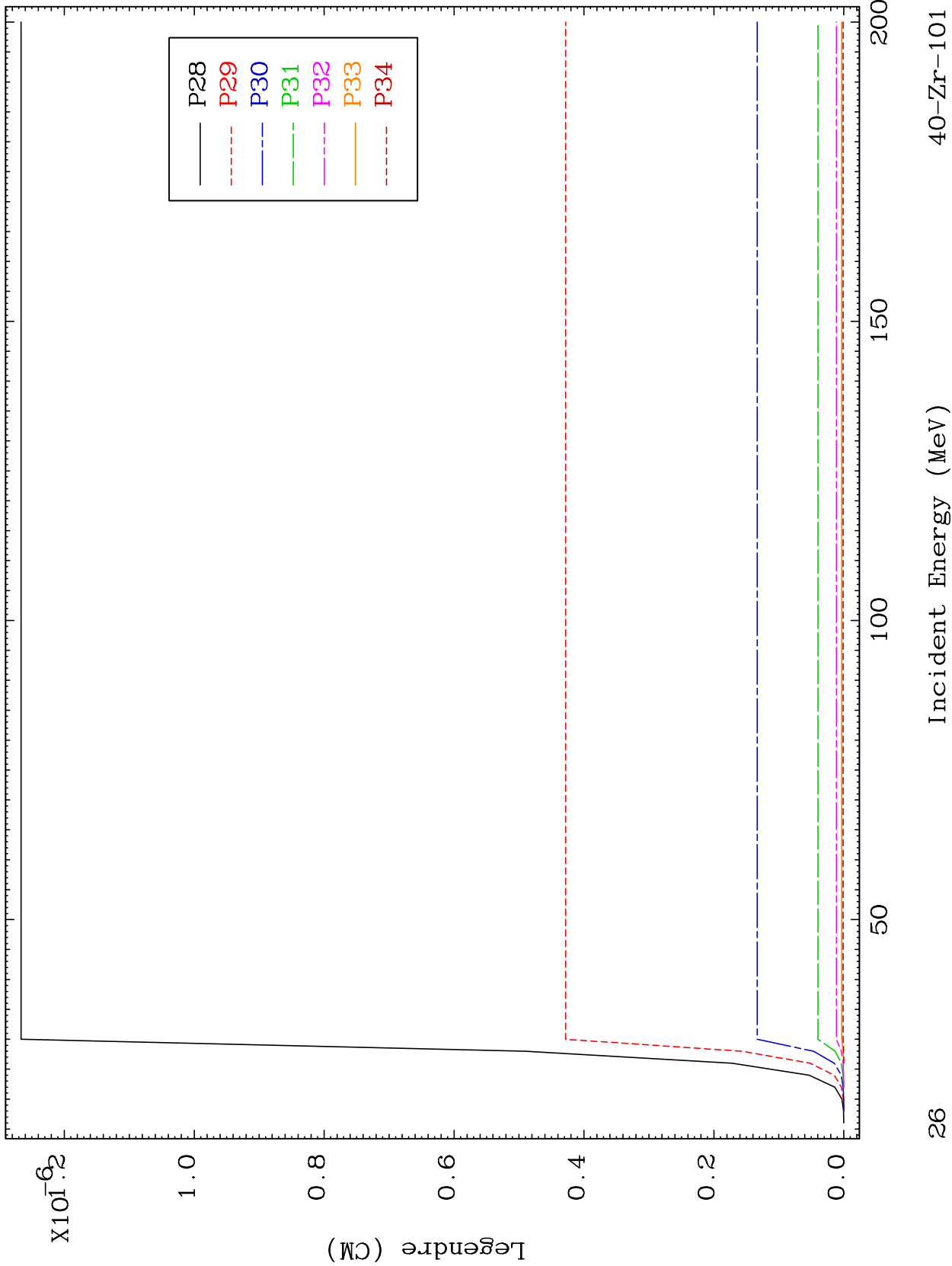




MAT 4058

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

40-Zr-101



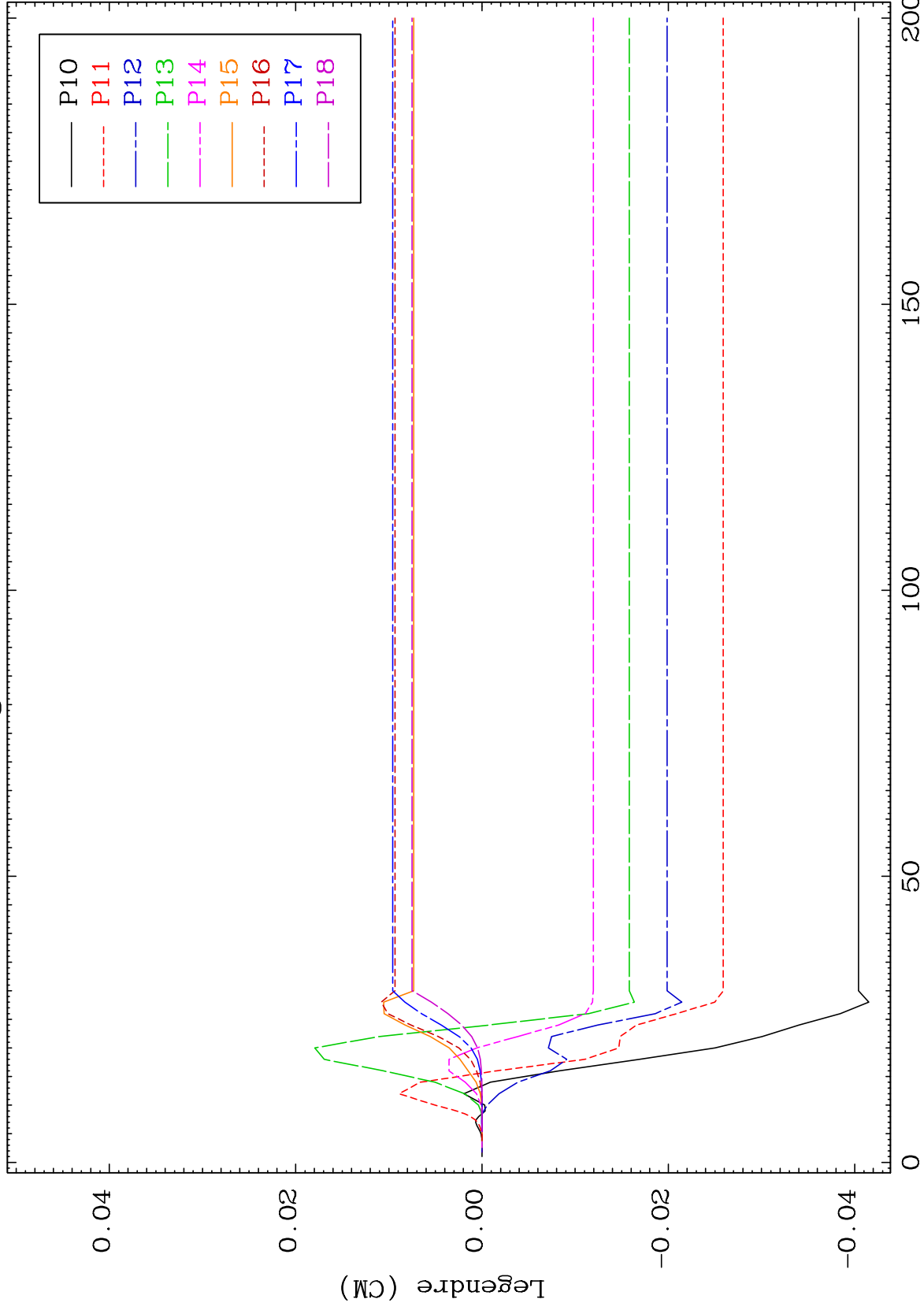
26

40-Zr-101

MAT 4058

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

40-Zr-101



28

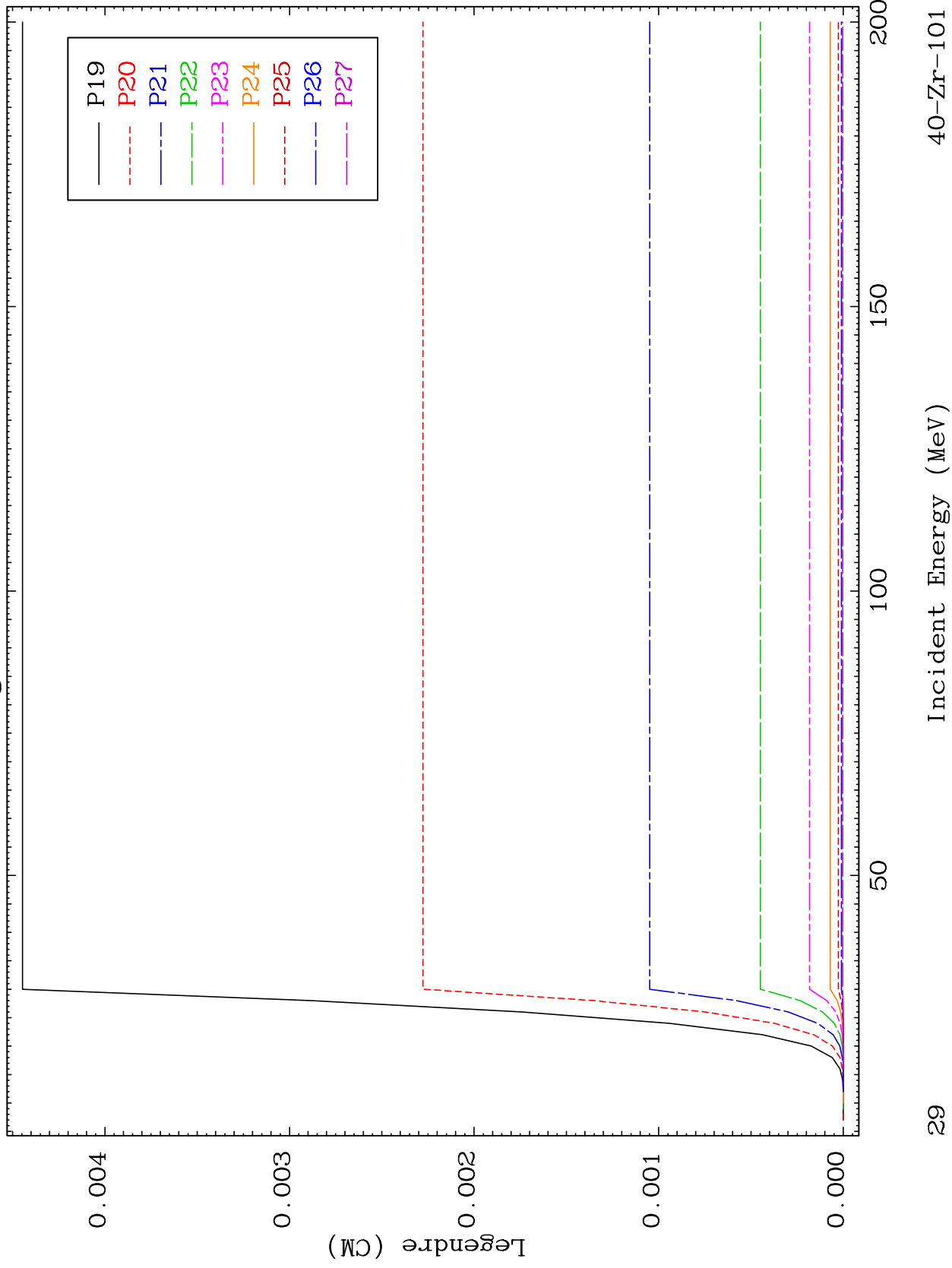
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

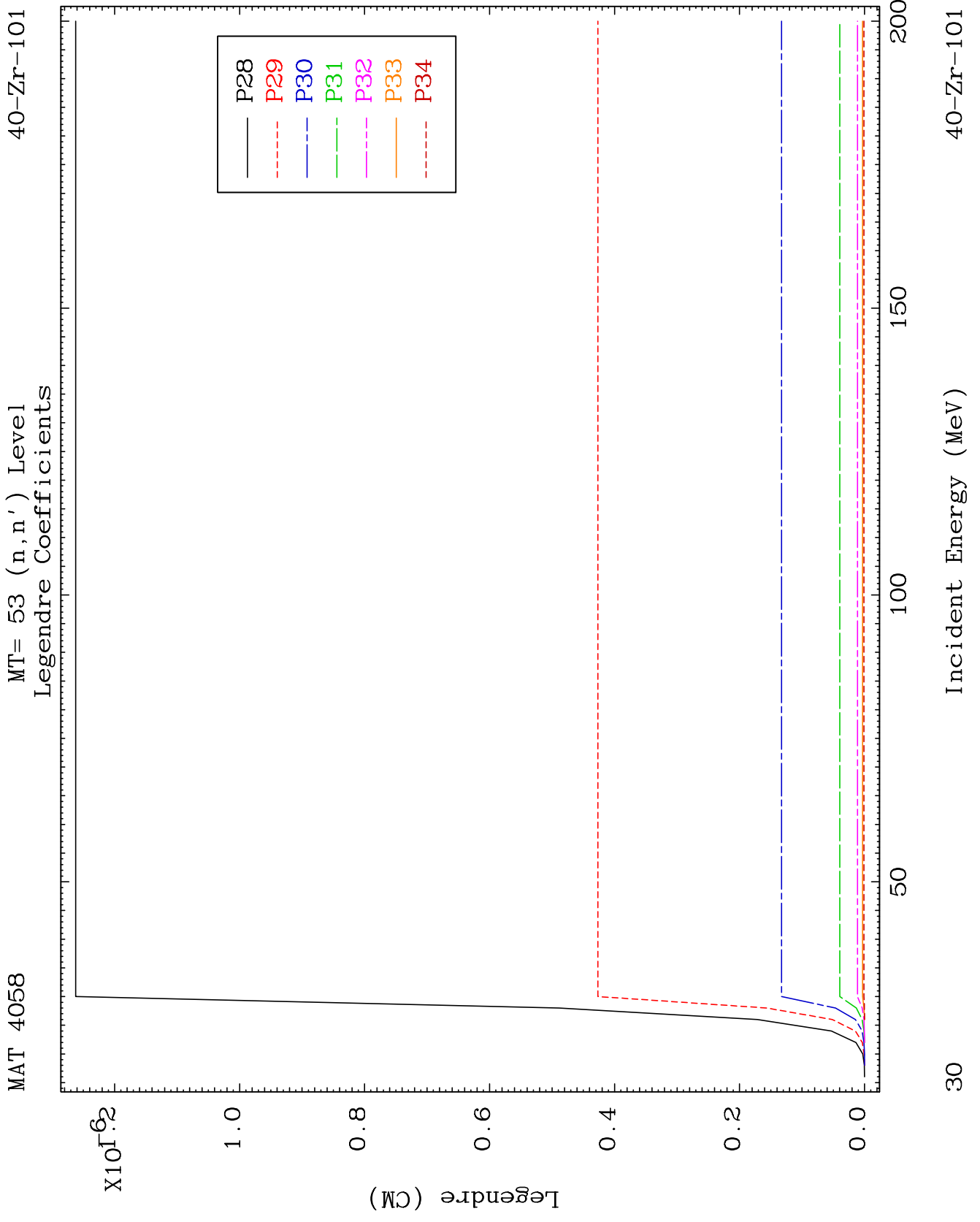
40-Zr-101



29

Incident Energy (MeV)

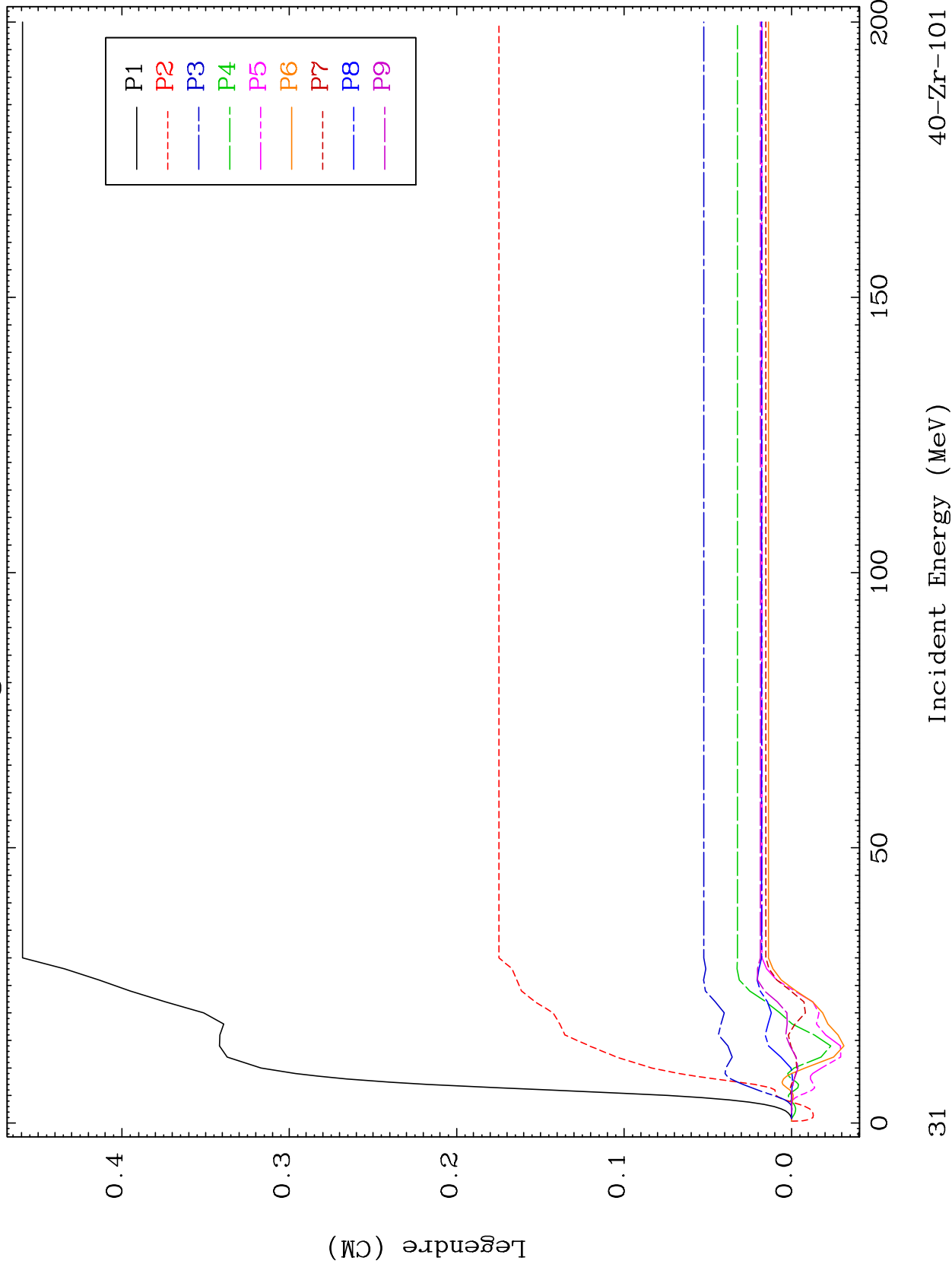
40-Zr-101



MAT 4058

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

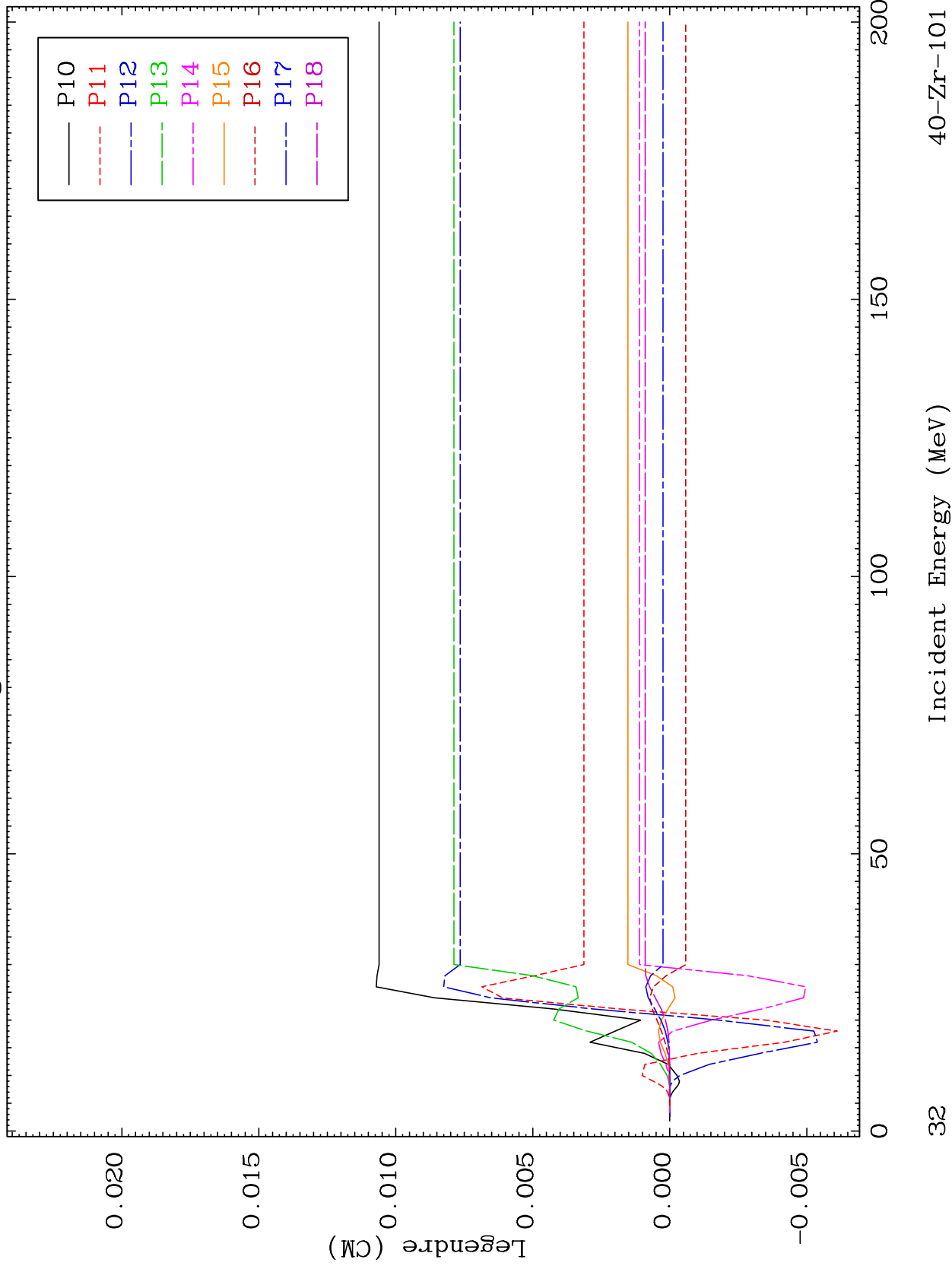
40-Zr-101



MAT 4058

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

40-Zr-101



40-Zr-101

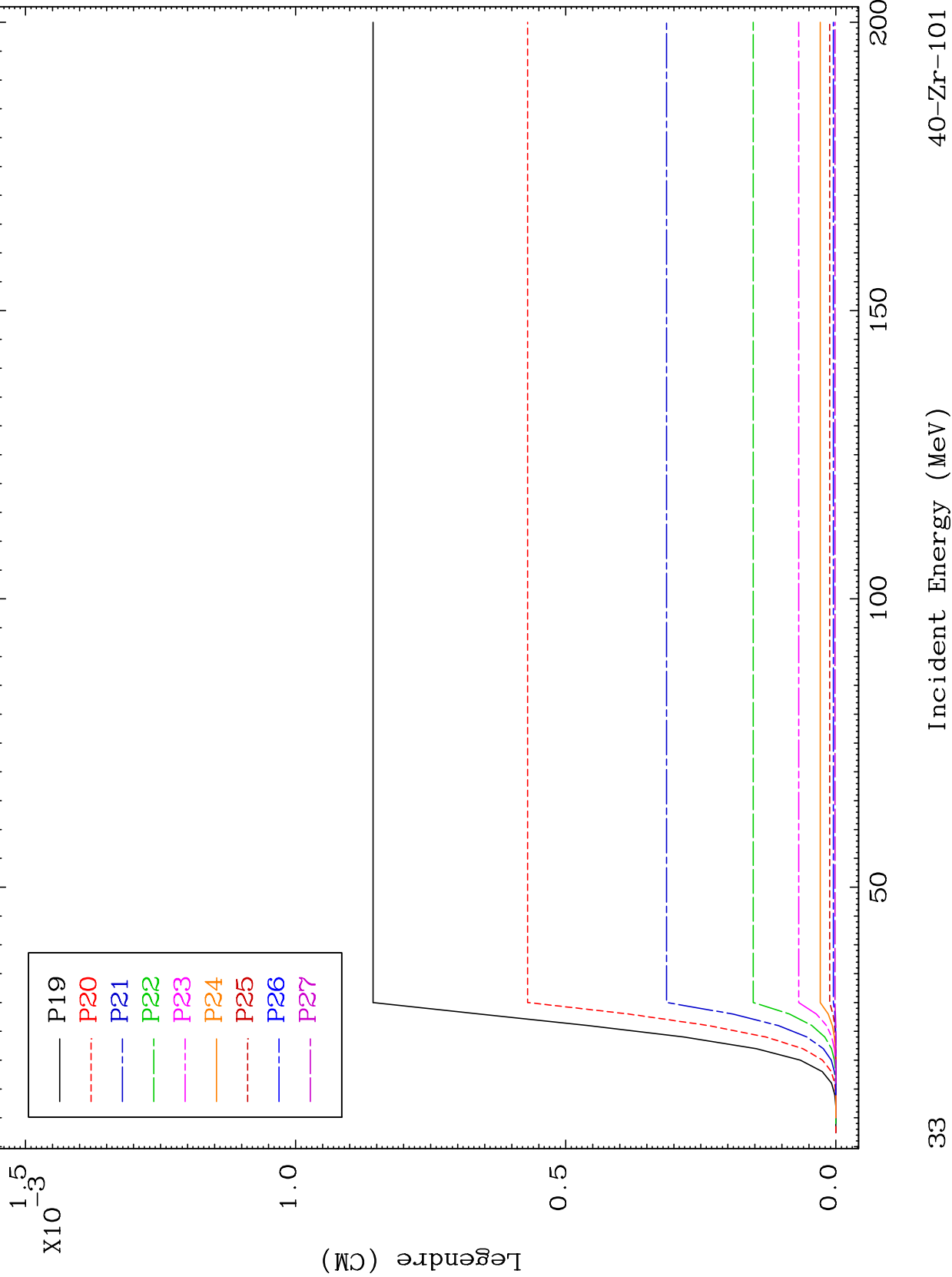
Incident Energy (MeV)

32

MAT 4058

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

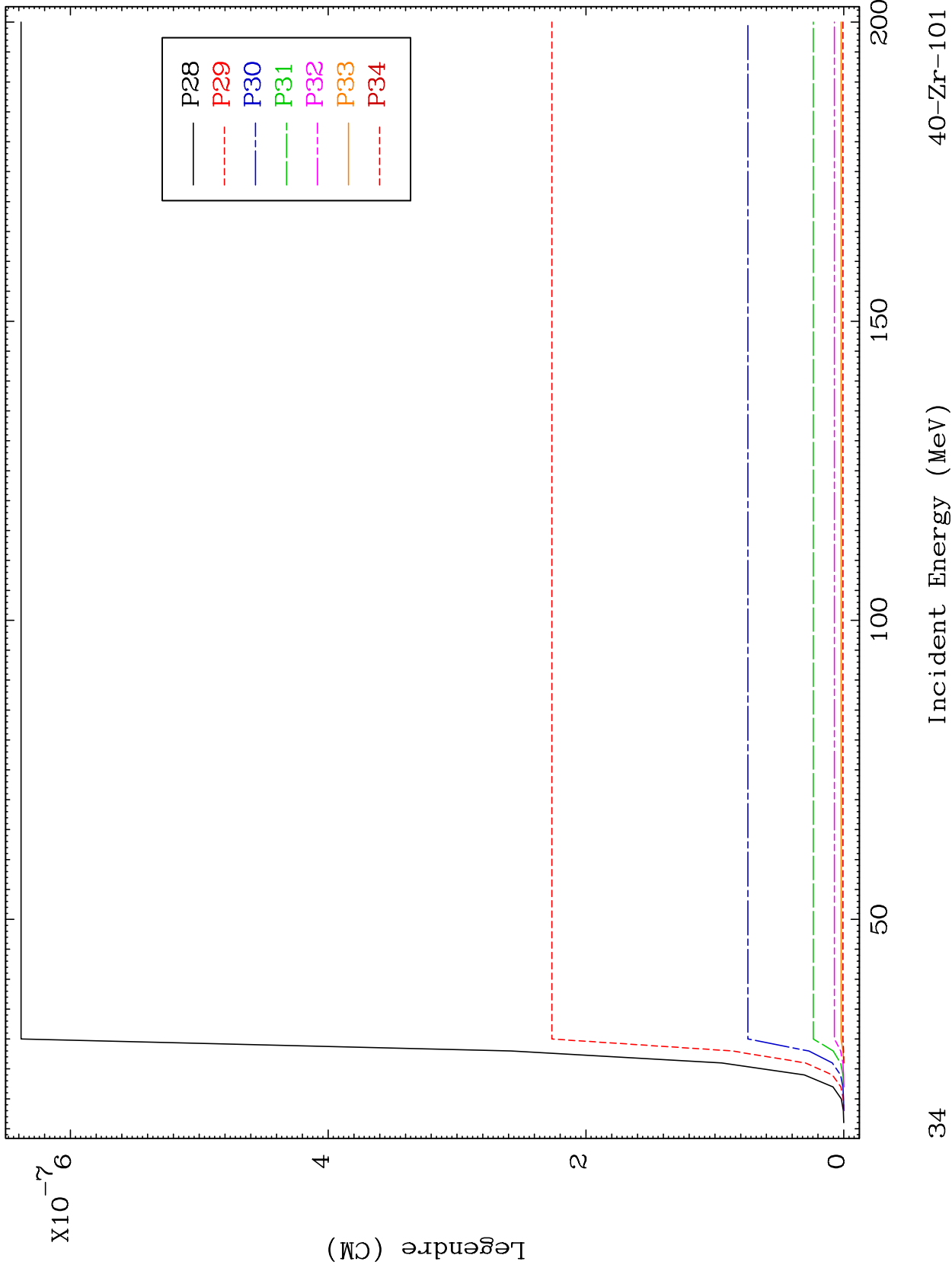
40-Zr-101



MAT 4058

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

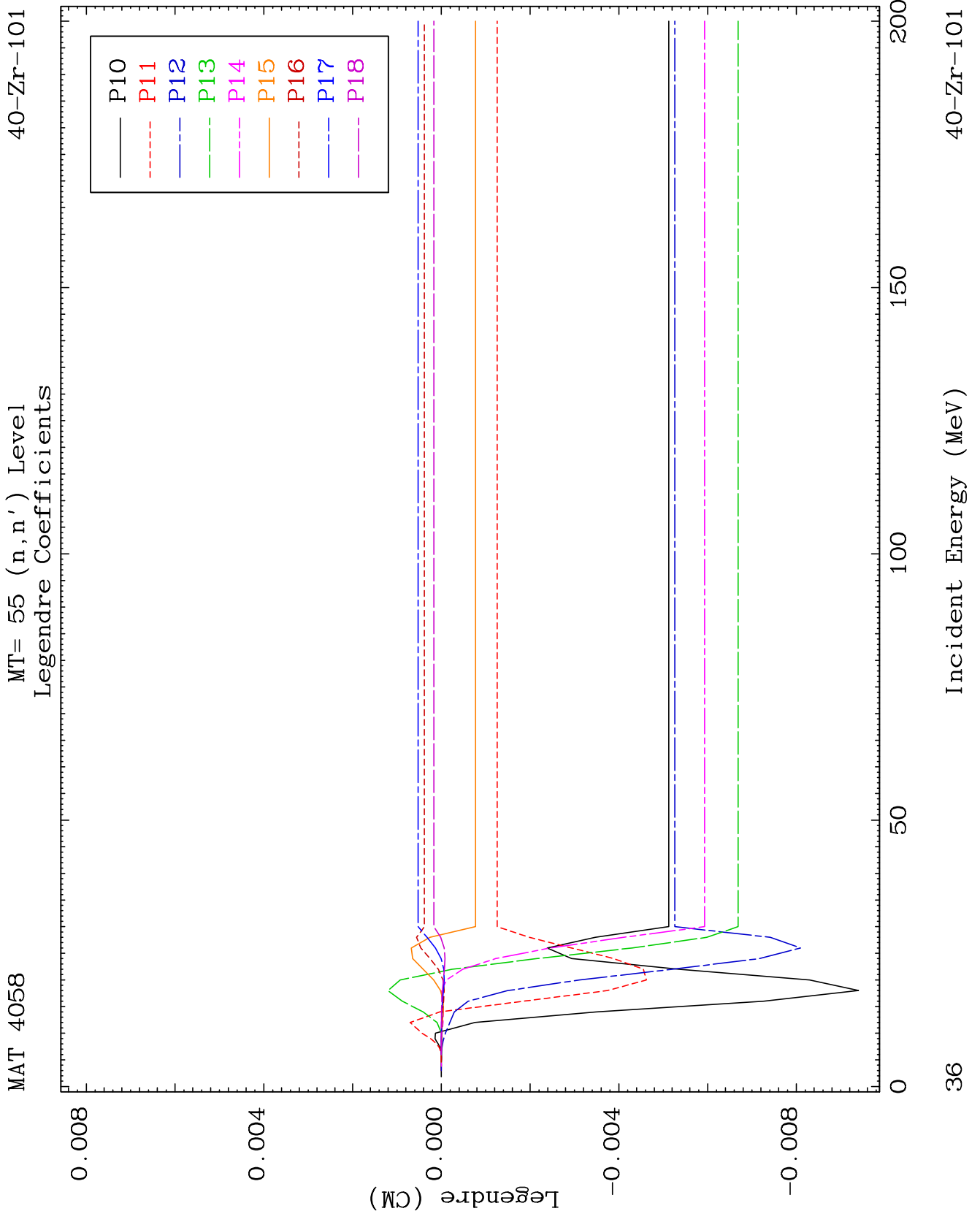
40-Zr-101



34

Incident Energy (MeV)

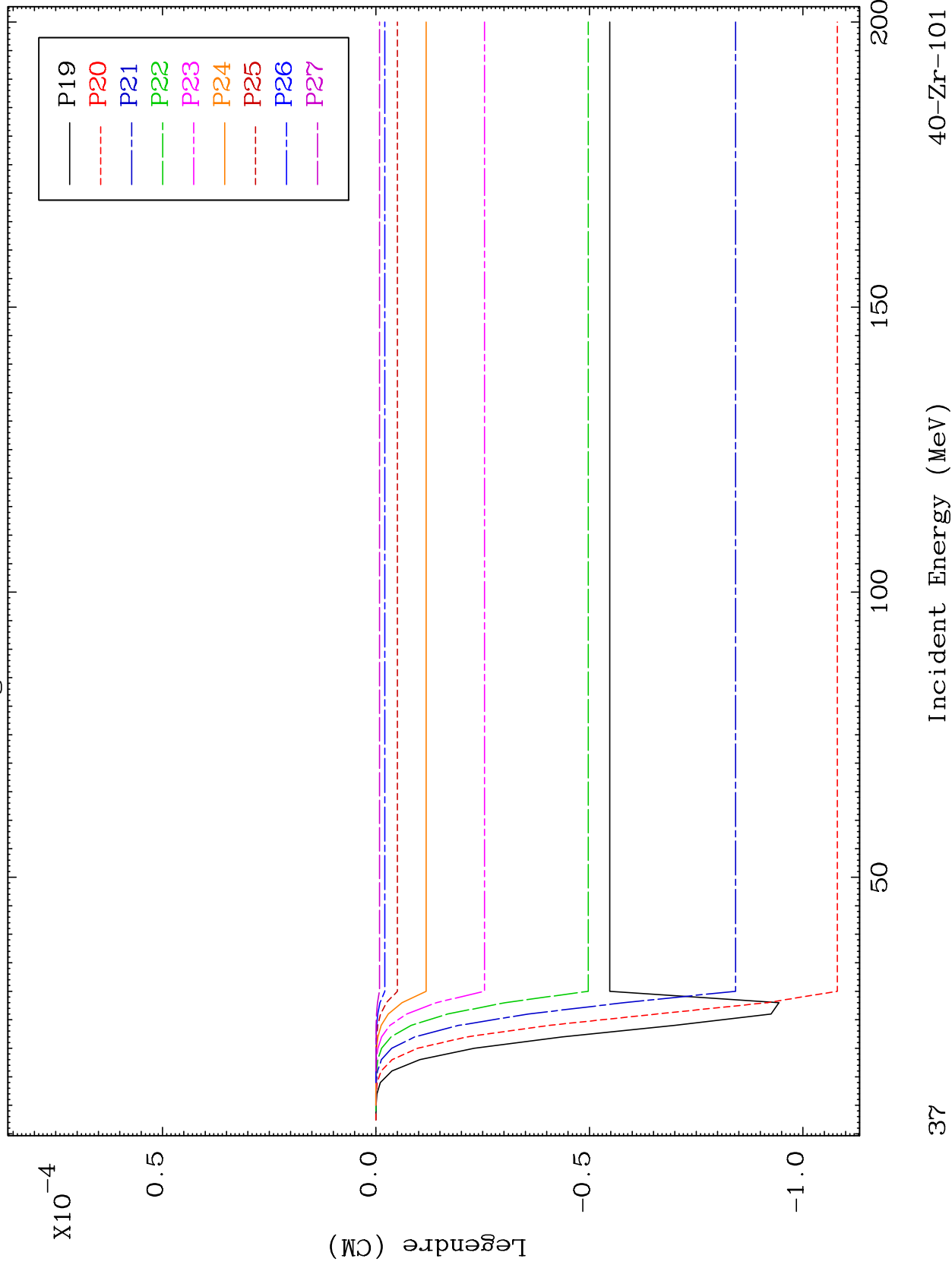
40-Zr-101



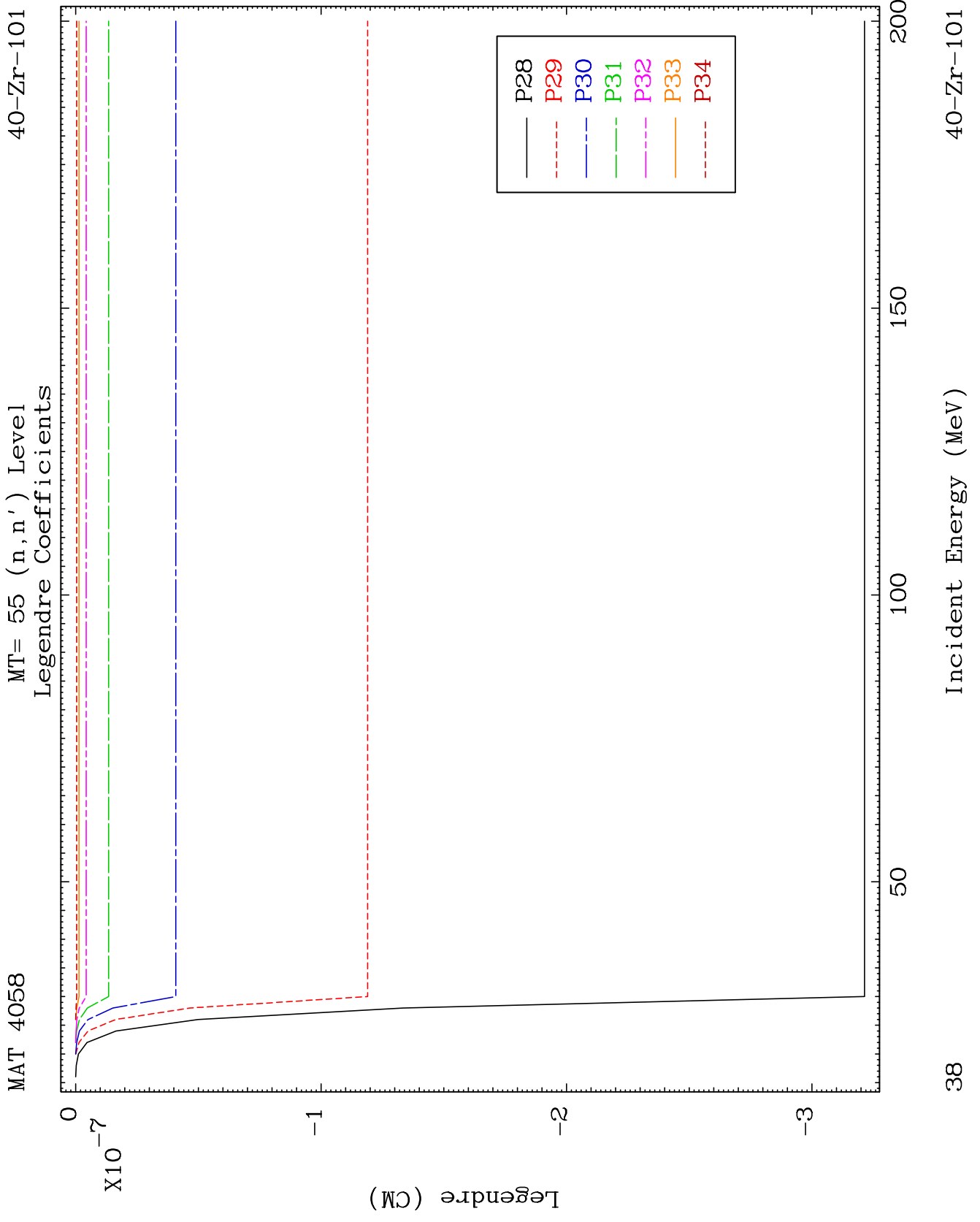
MAT 4058

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

40-Zr-101



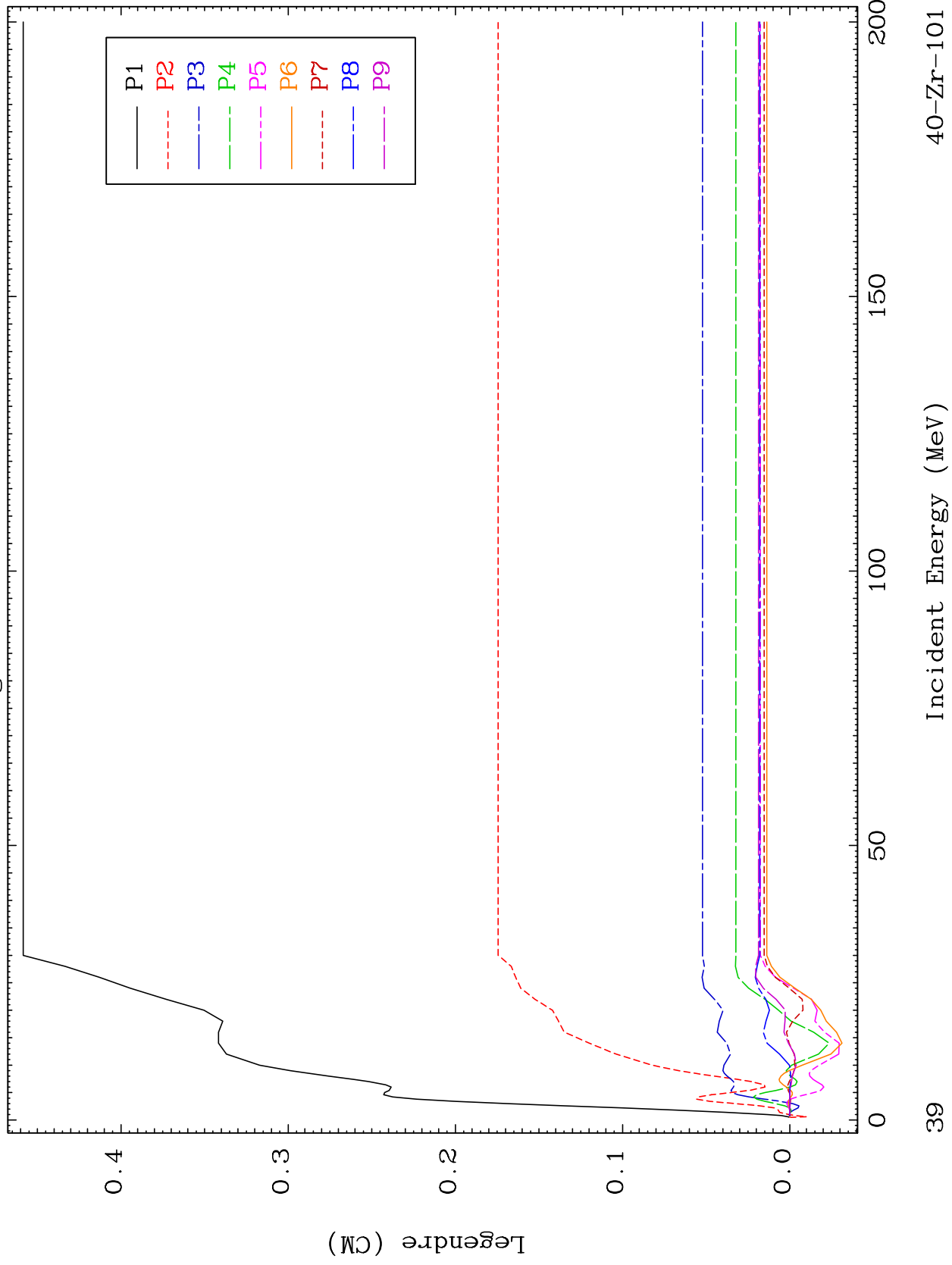
37



MAT 4058

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

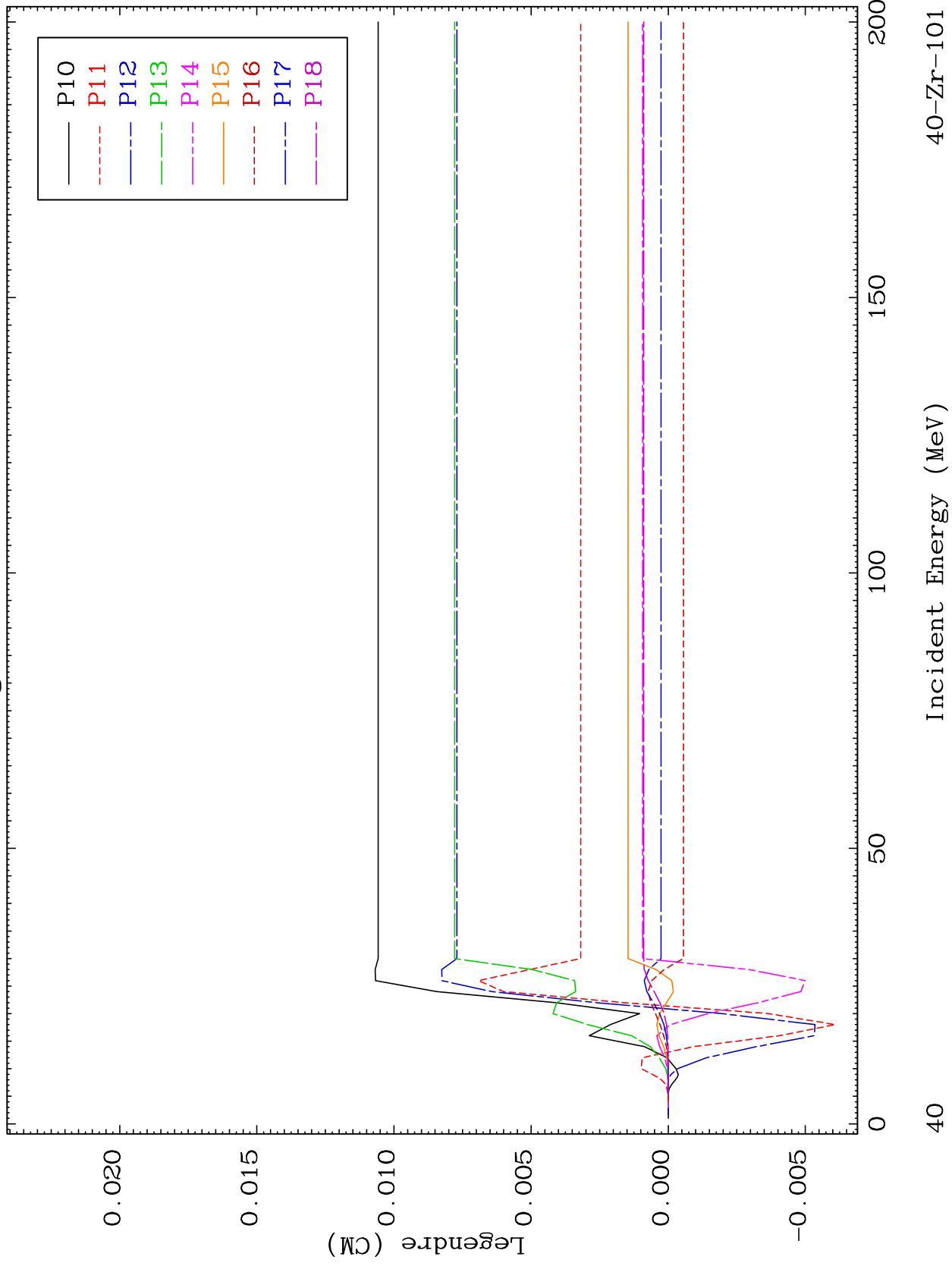
40-Zr-101



MAT 4058

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

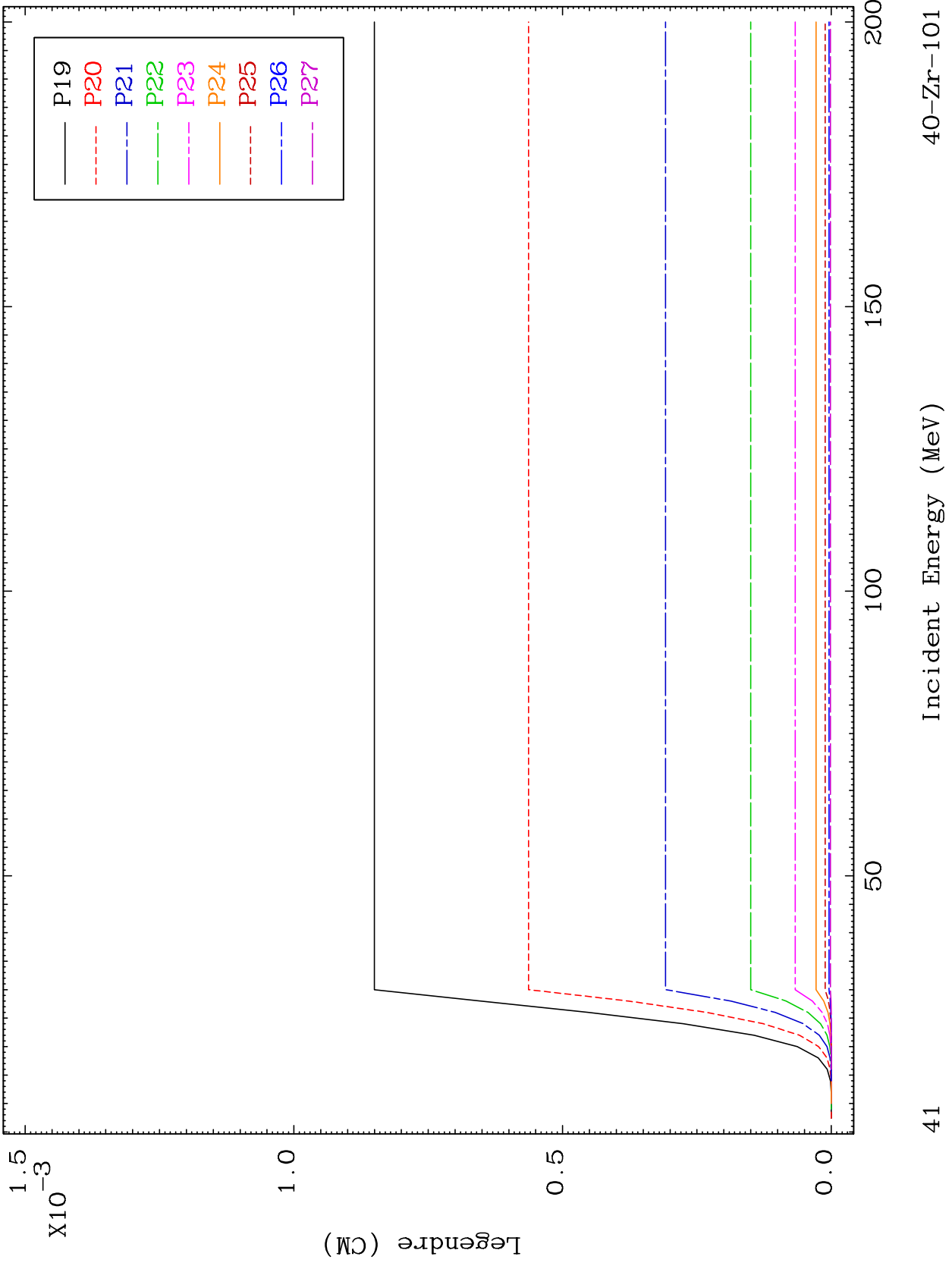
40-Zr-101



MAT 4058

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

40-Zr-101



41

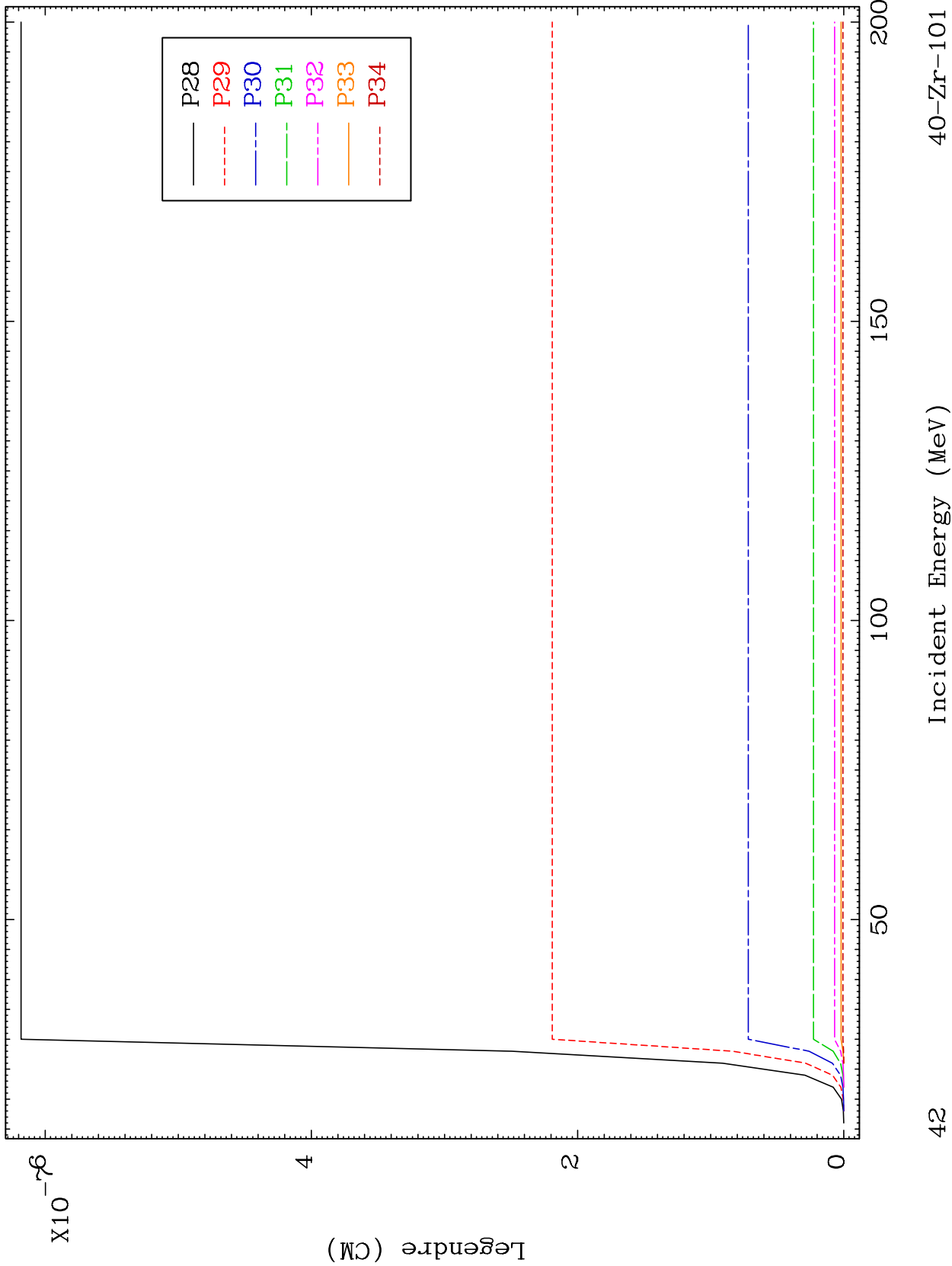
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

40-Zr-101



42

Incident Energy (MeV)

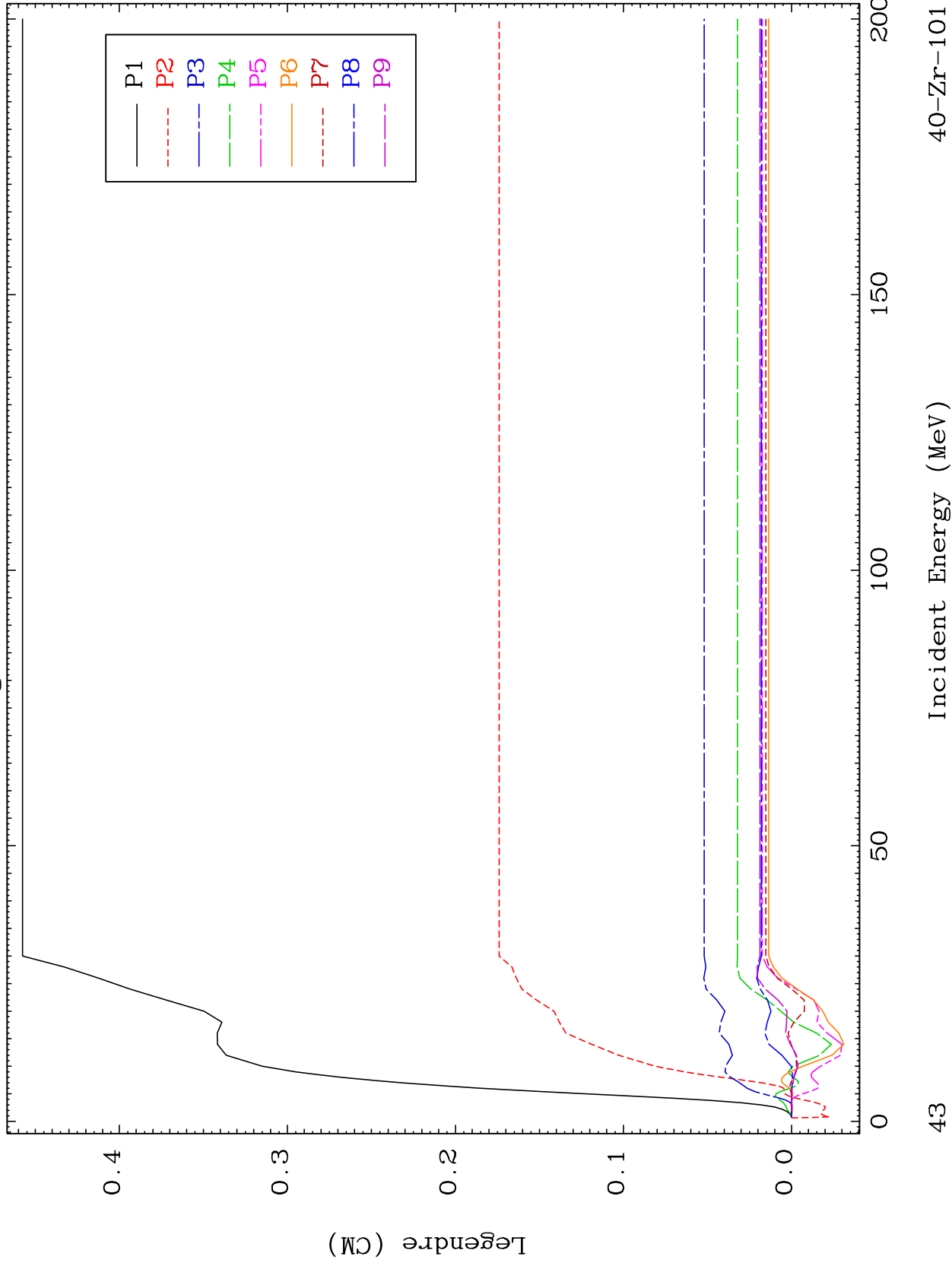
40-Zr-101

MAT 4058

MT= 57 (n,n') Level

40-Zr-101

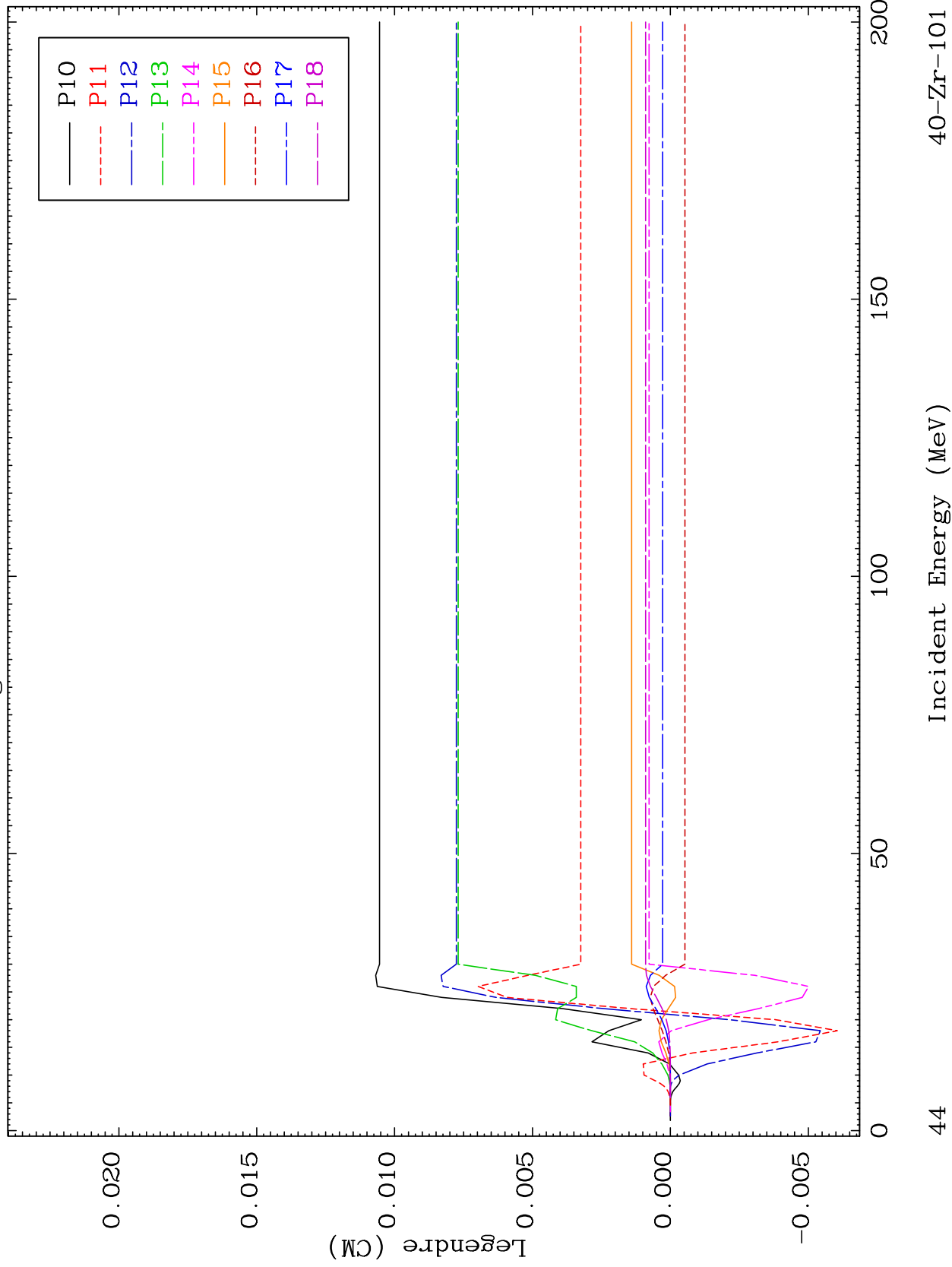
Legendre Coefficients



MAT 4058

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

40-Zr-101



44

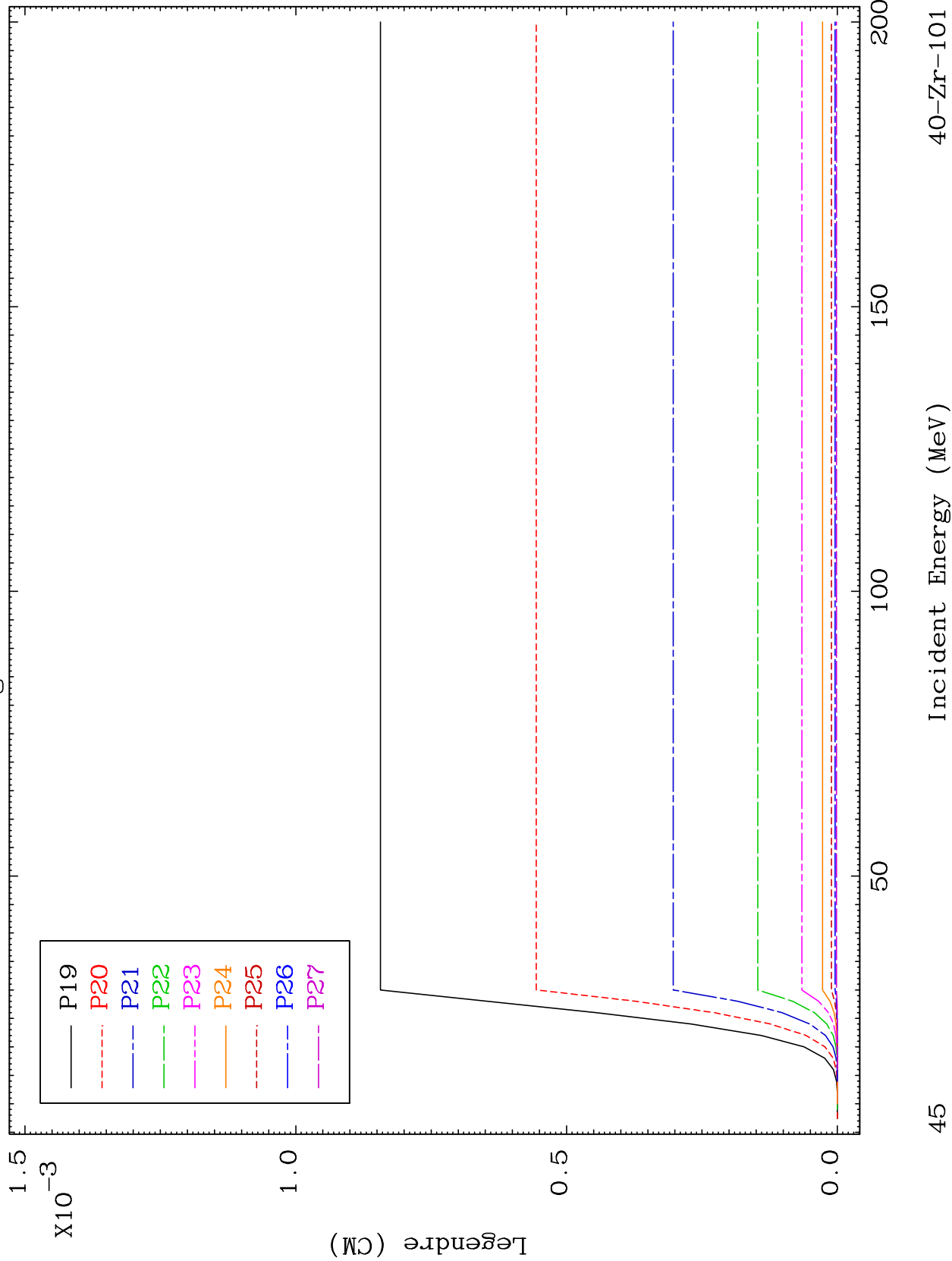
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

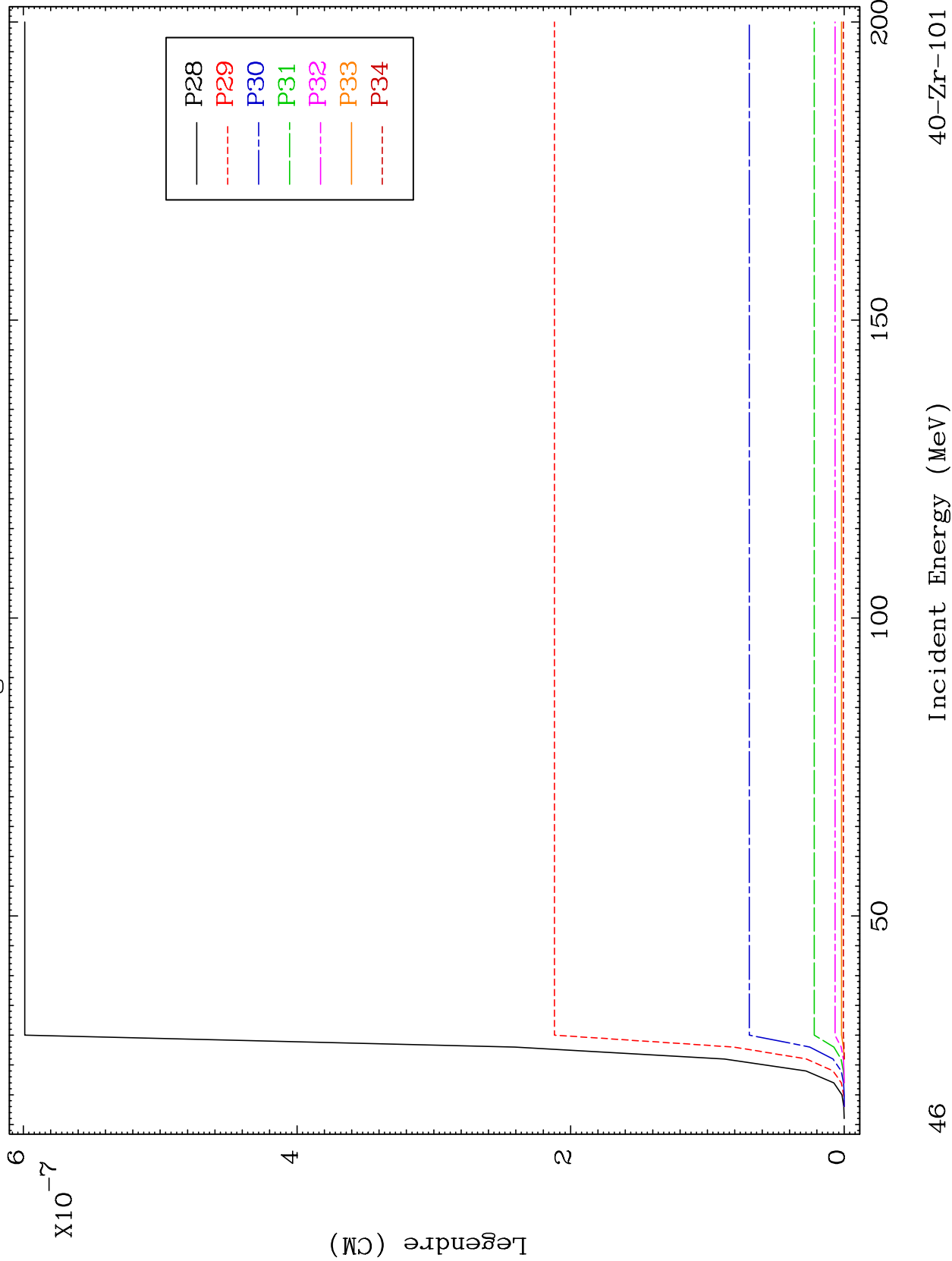
40-Zr-101



MAT 4058

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

40-Zr-101

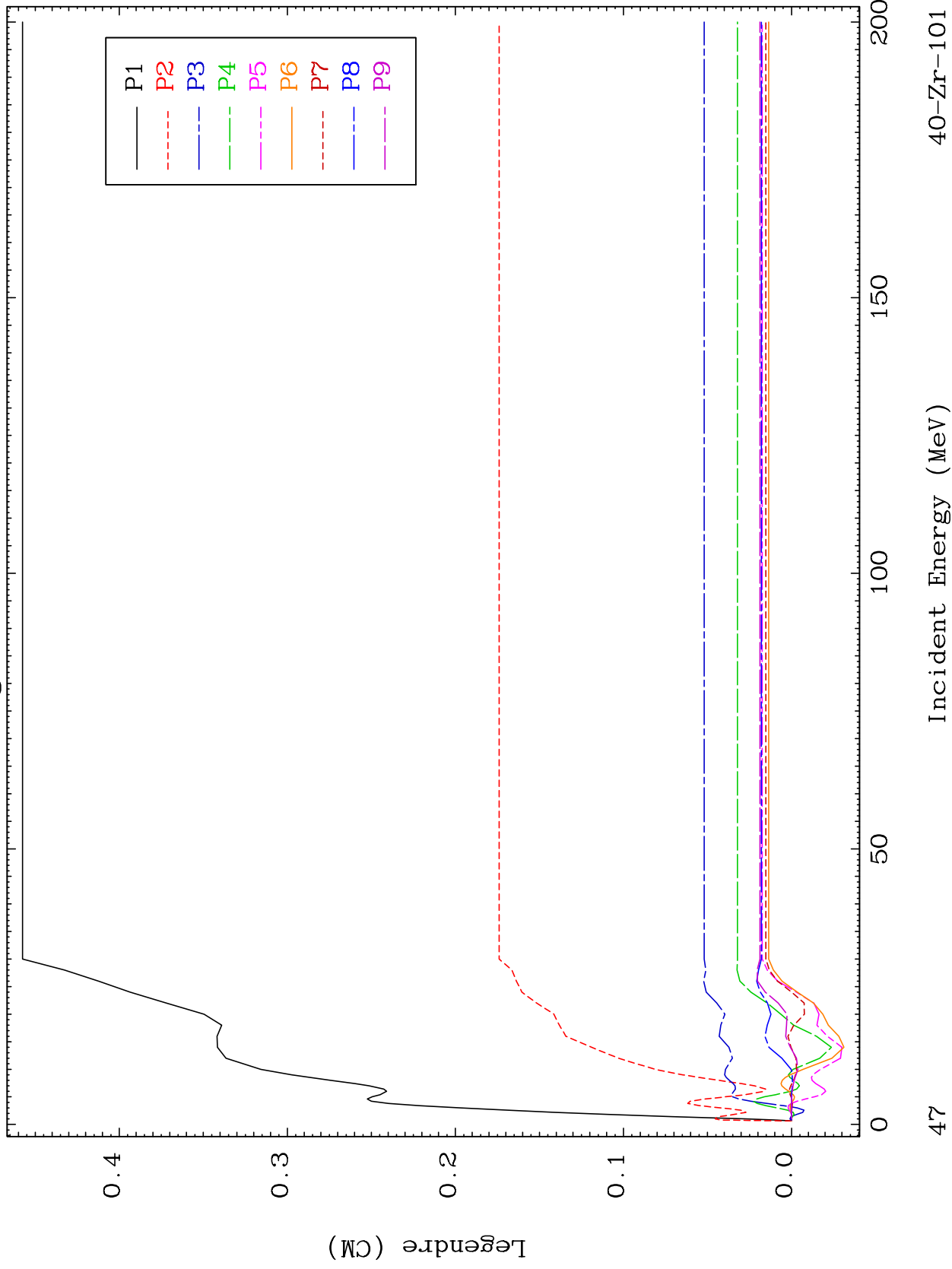


MAT 4058

MT= 58 (n,n') Level

40-Zr-101

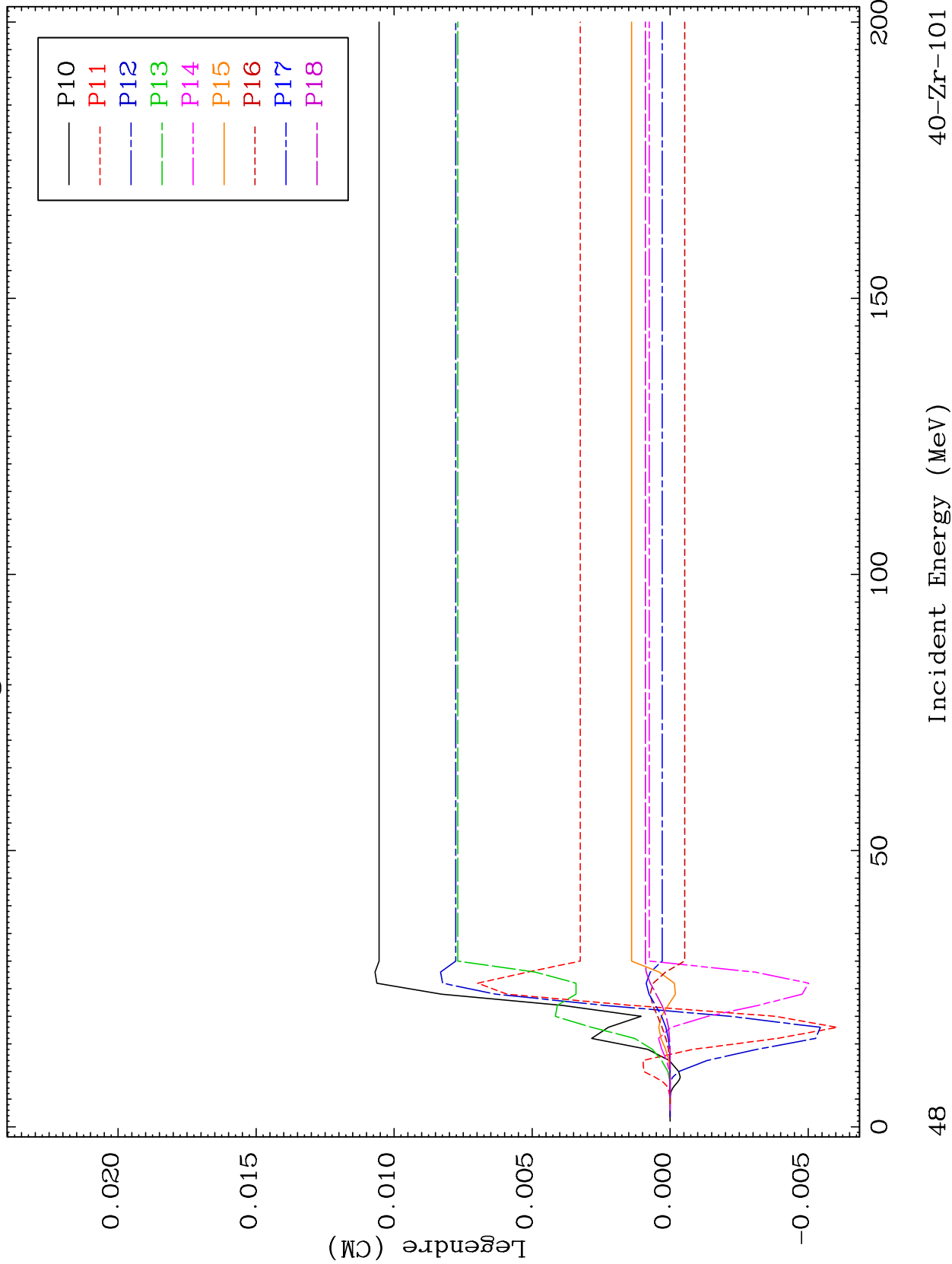
Legendre Coefficients



MAT 4058

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

40-Zr-101



40-Zr-101

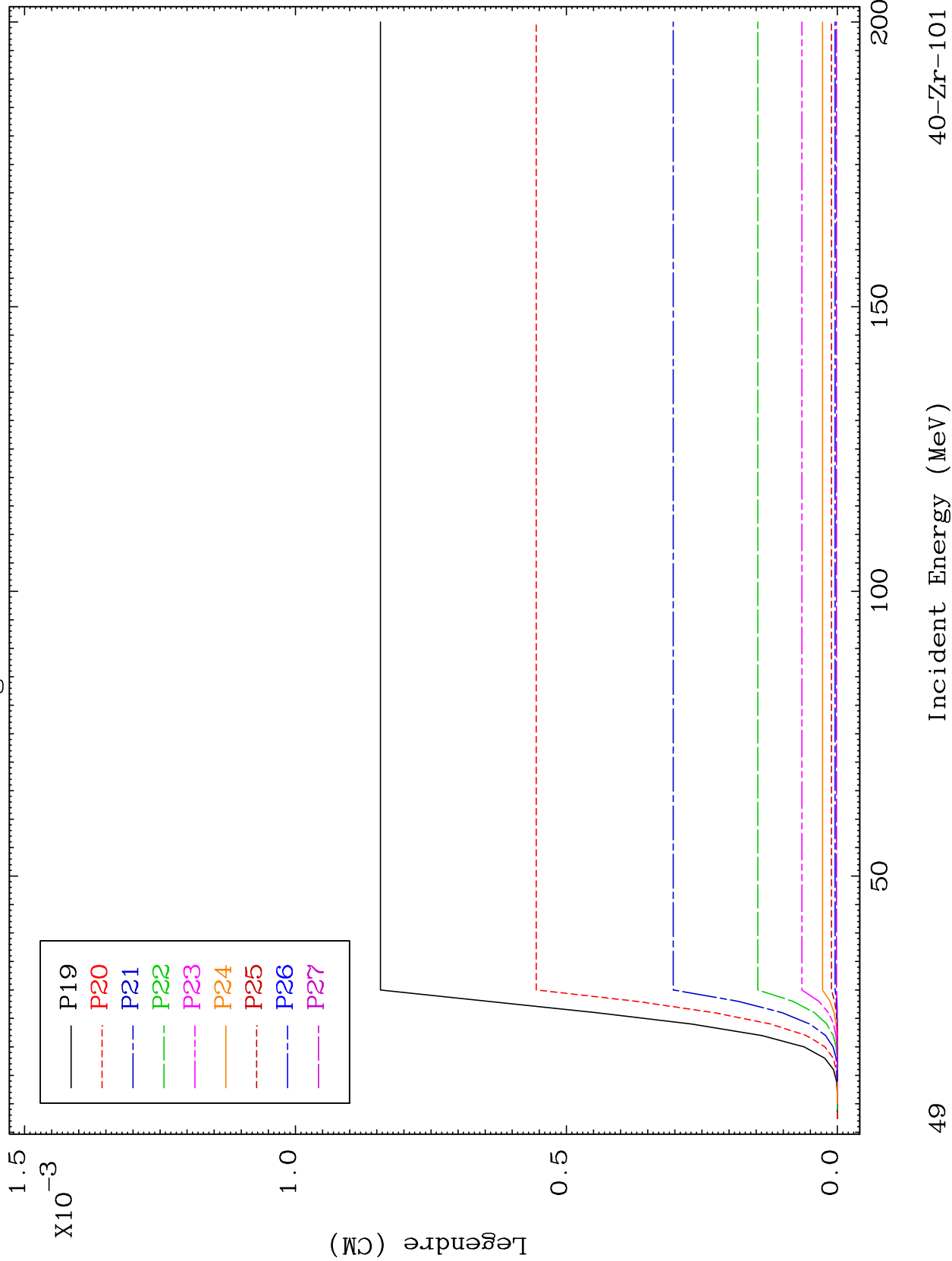
Incident Energy (MeV)

48

MAT 4058

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

40-Zr-101



49

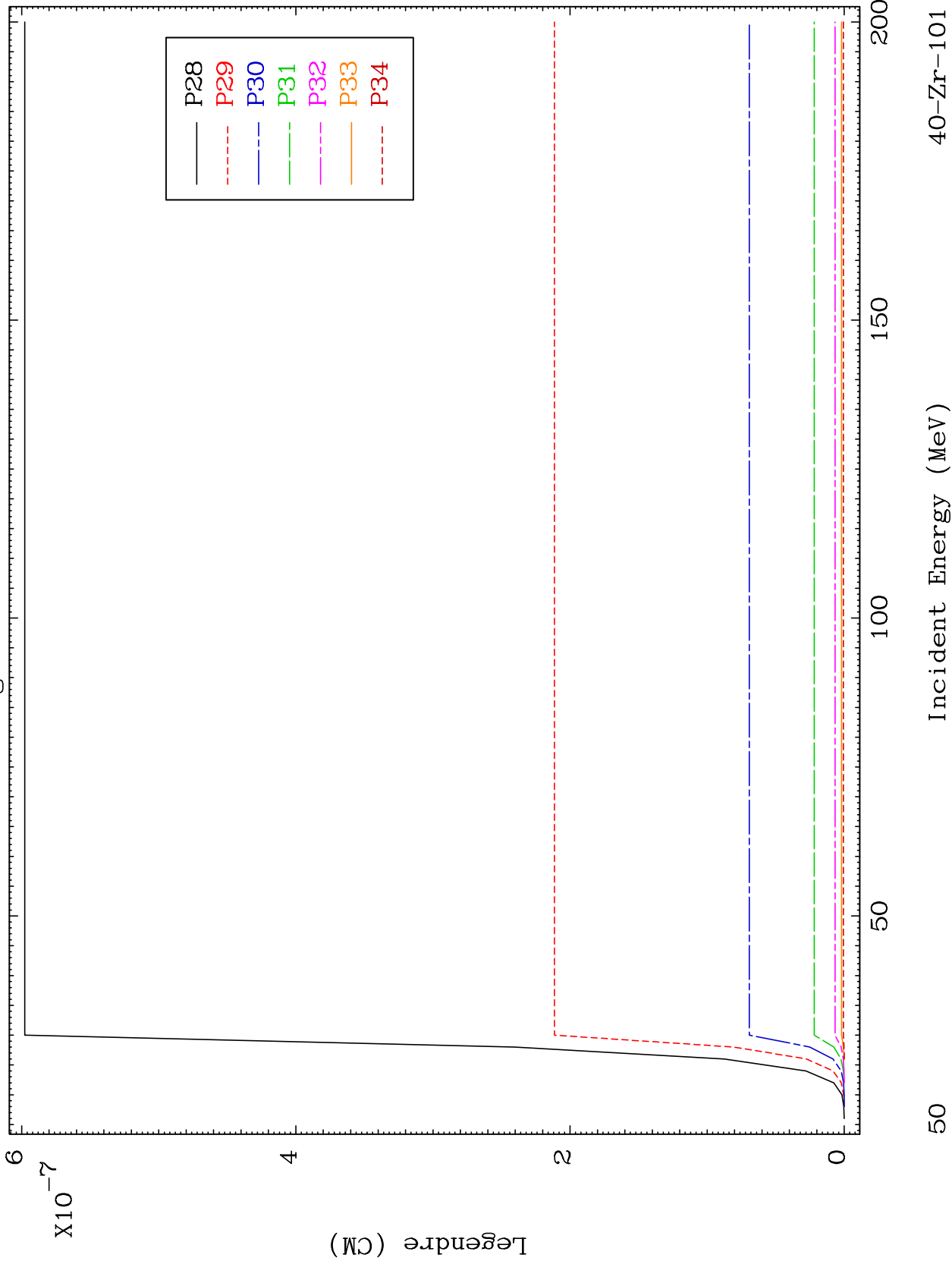
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

40-Zr-101

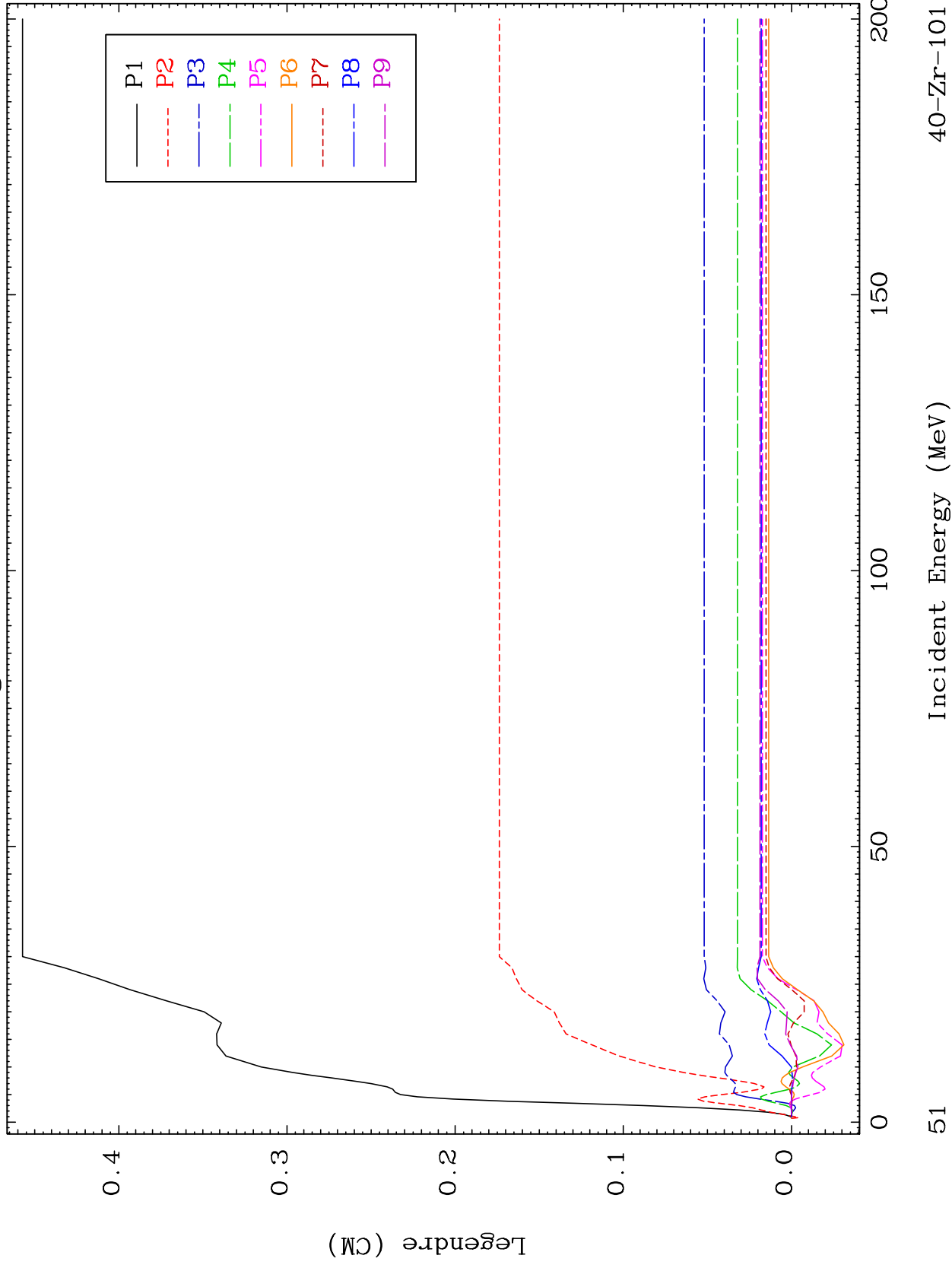


MAT 4058

MT= 59 (n,n') Level

40-Zr-101

Legendre Coefficients



51

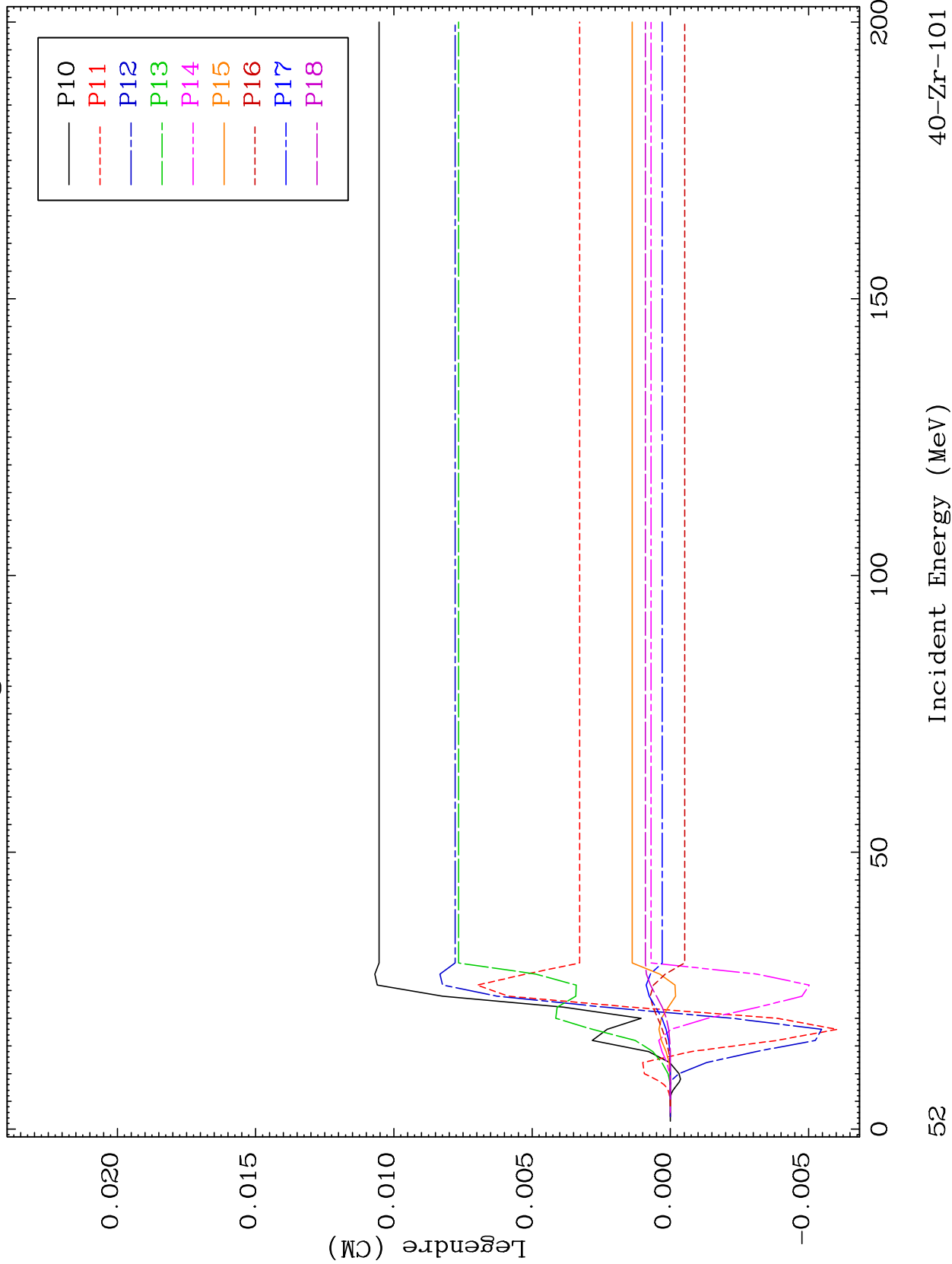
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

40-Zr-101



40-Zr-101

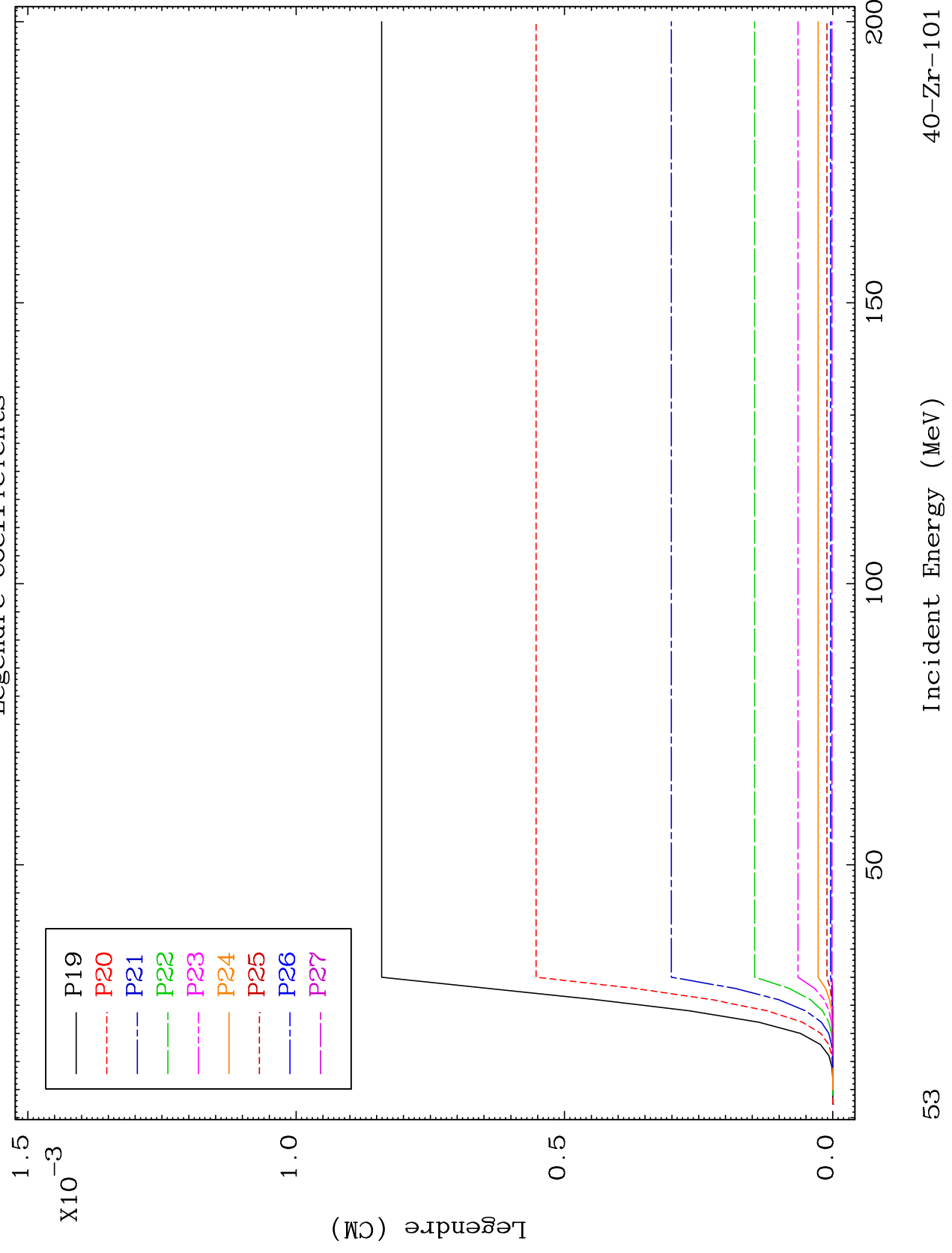
Incident Energy (MeV)

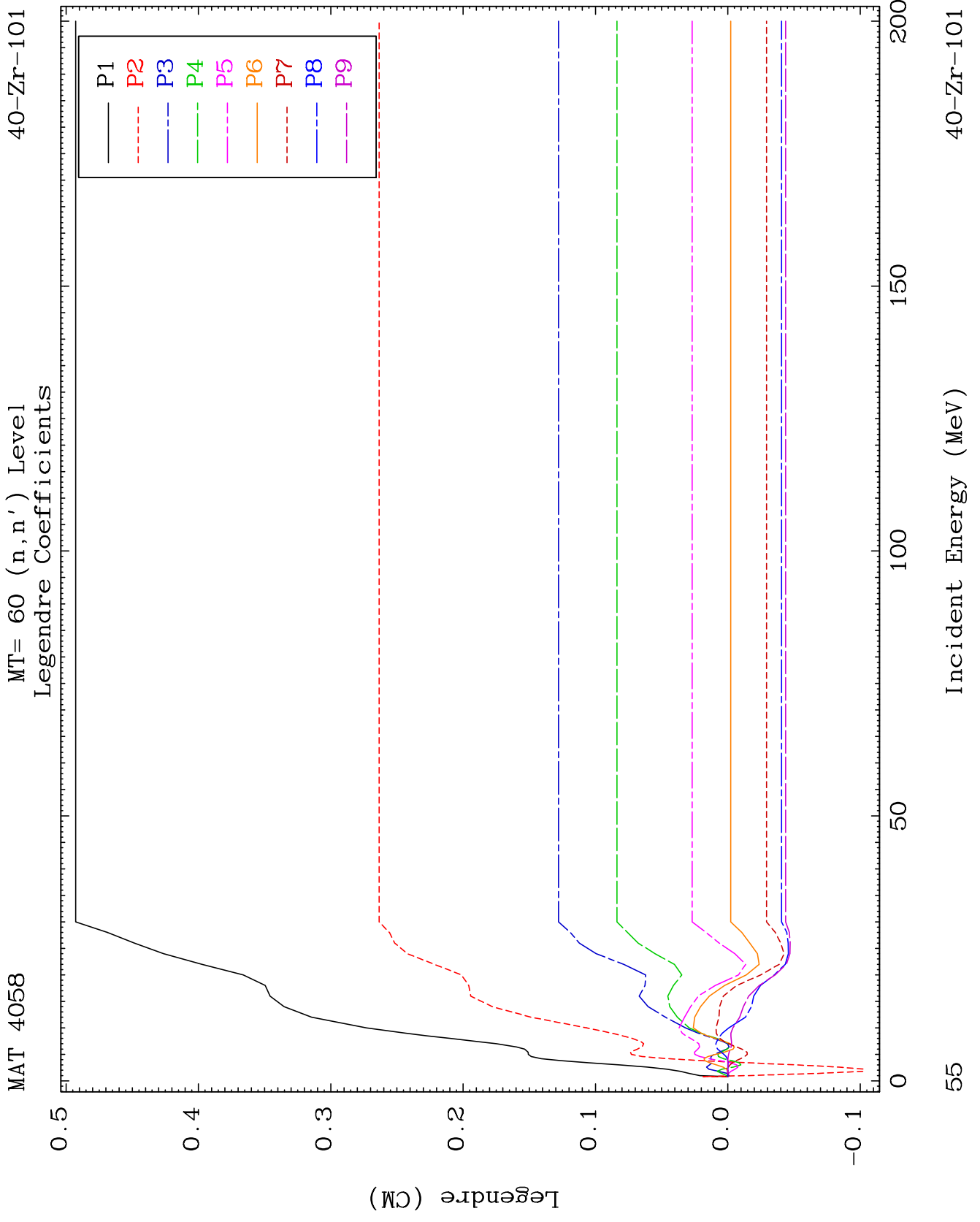
52

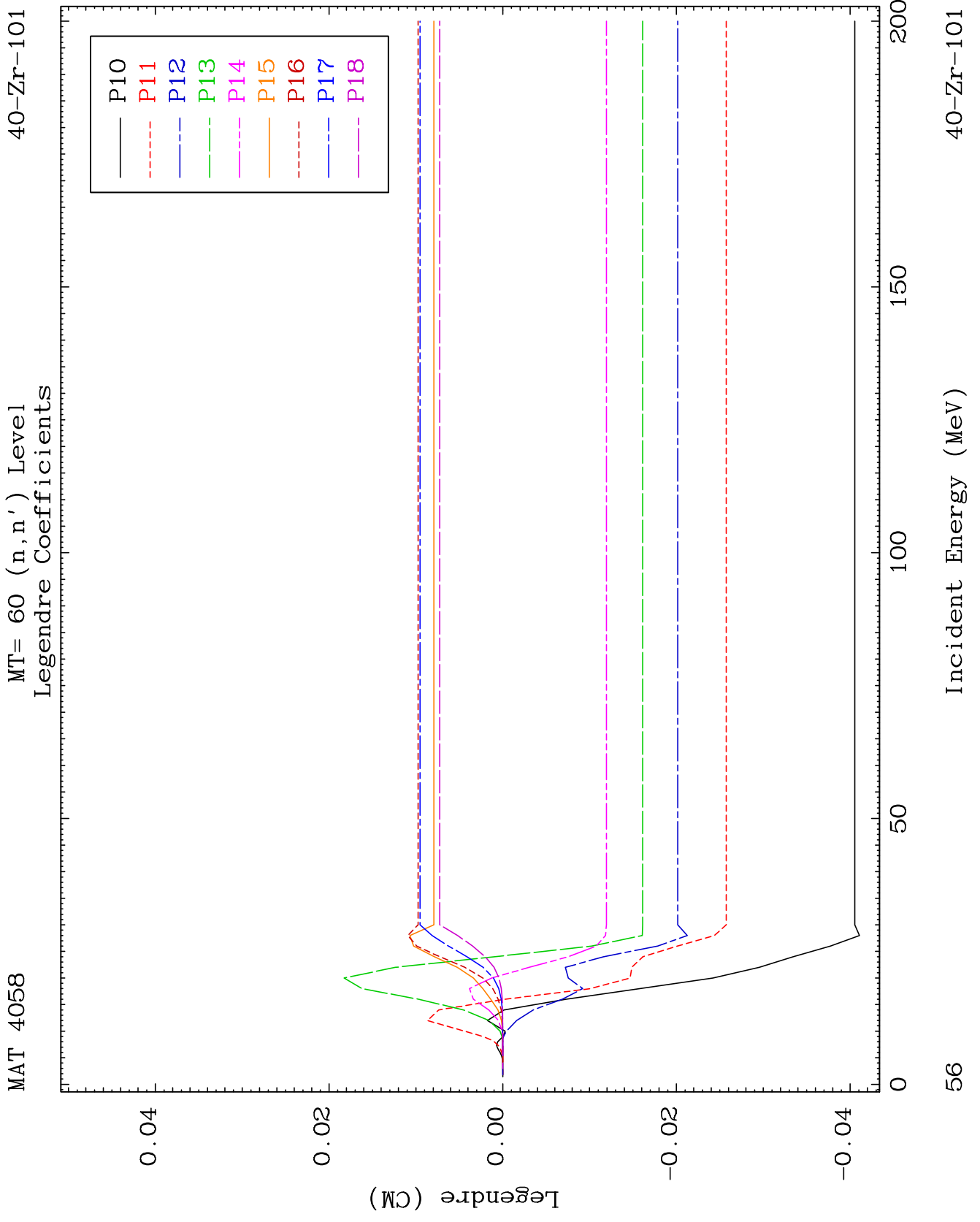
MAT 4058

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

40-Zr-101



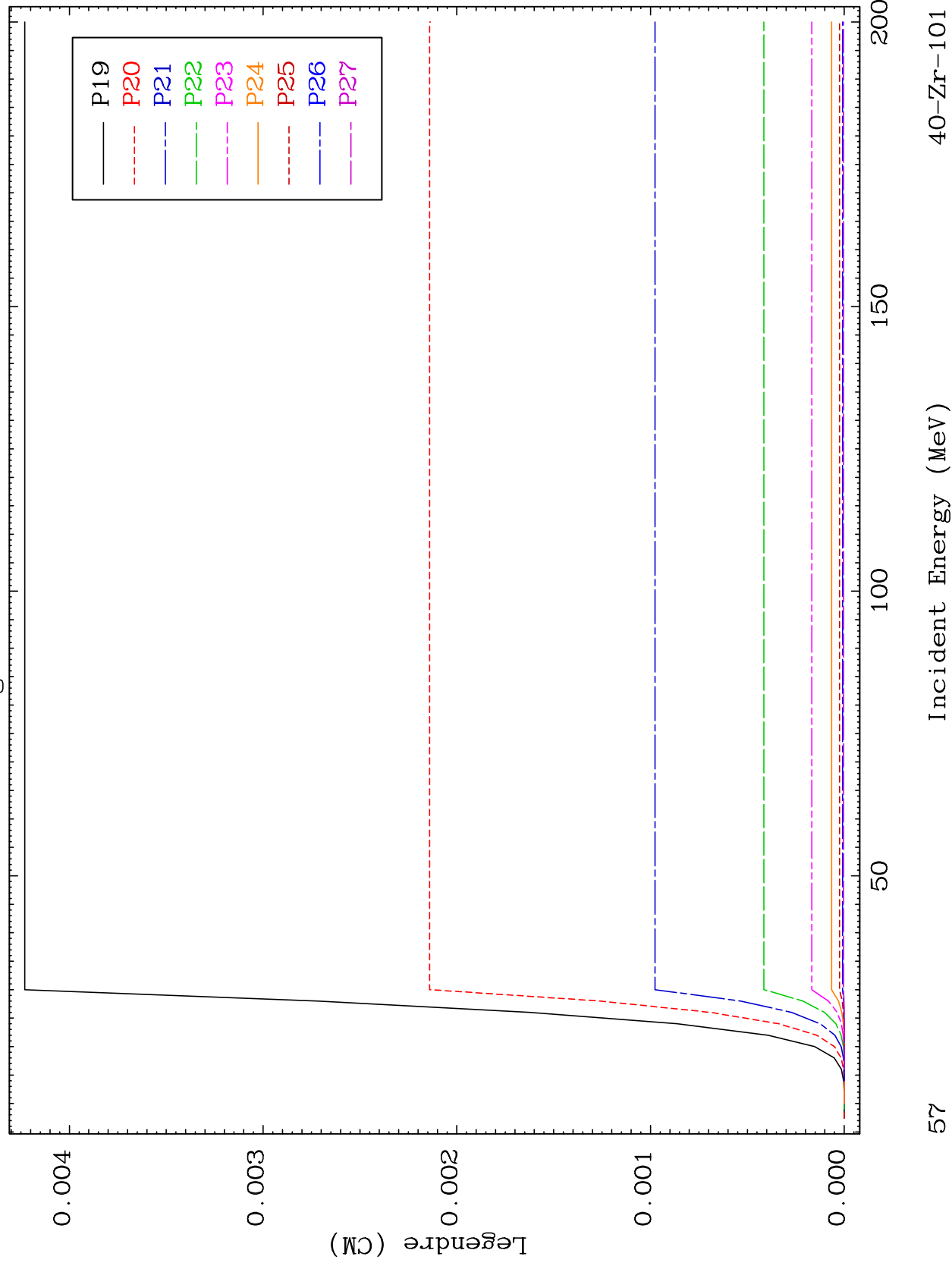




MAT 4058

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

40-Zr-101



57

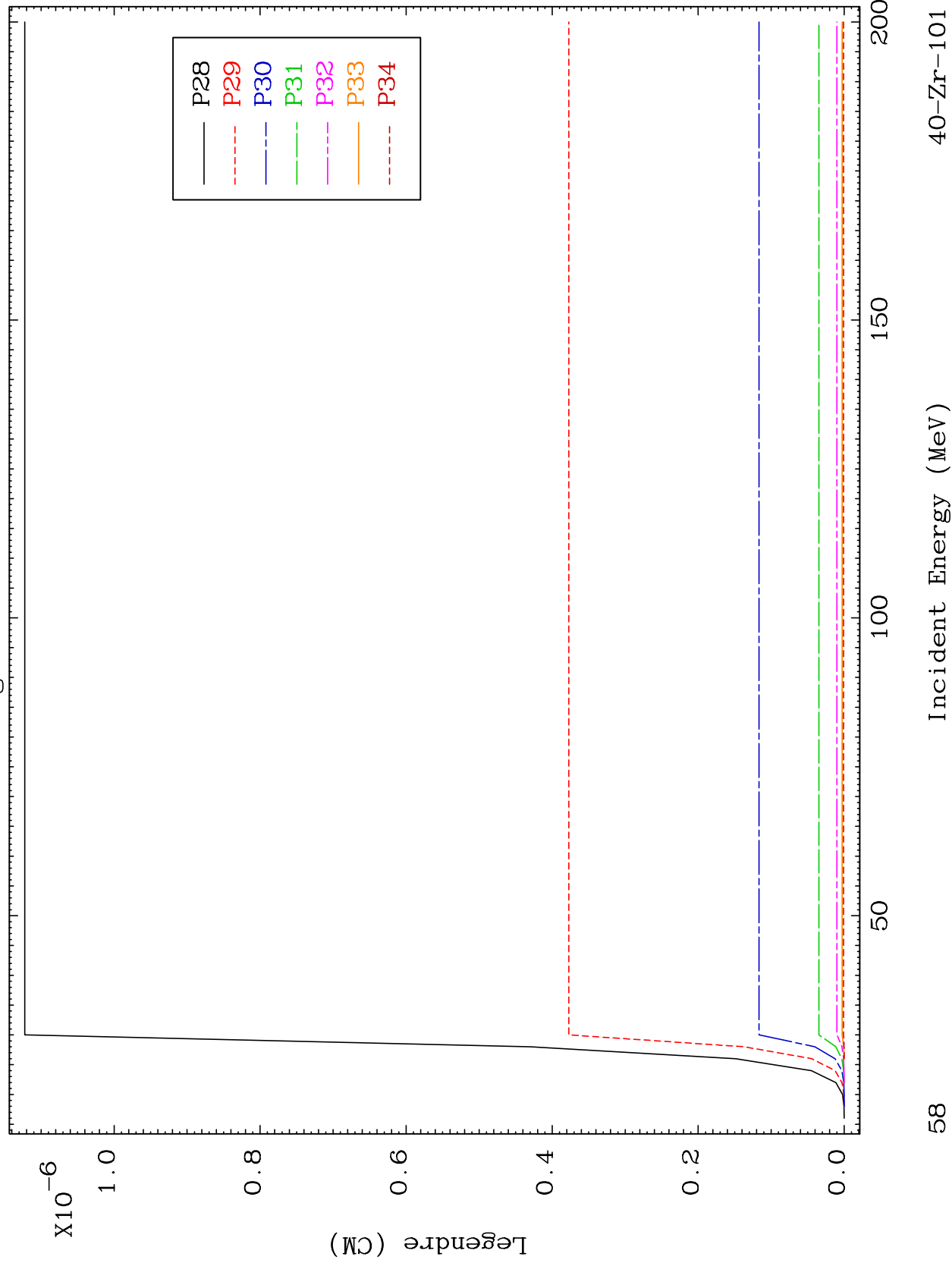
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

40-Zr-101



58

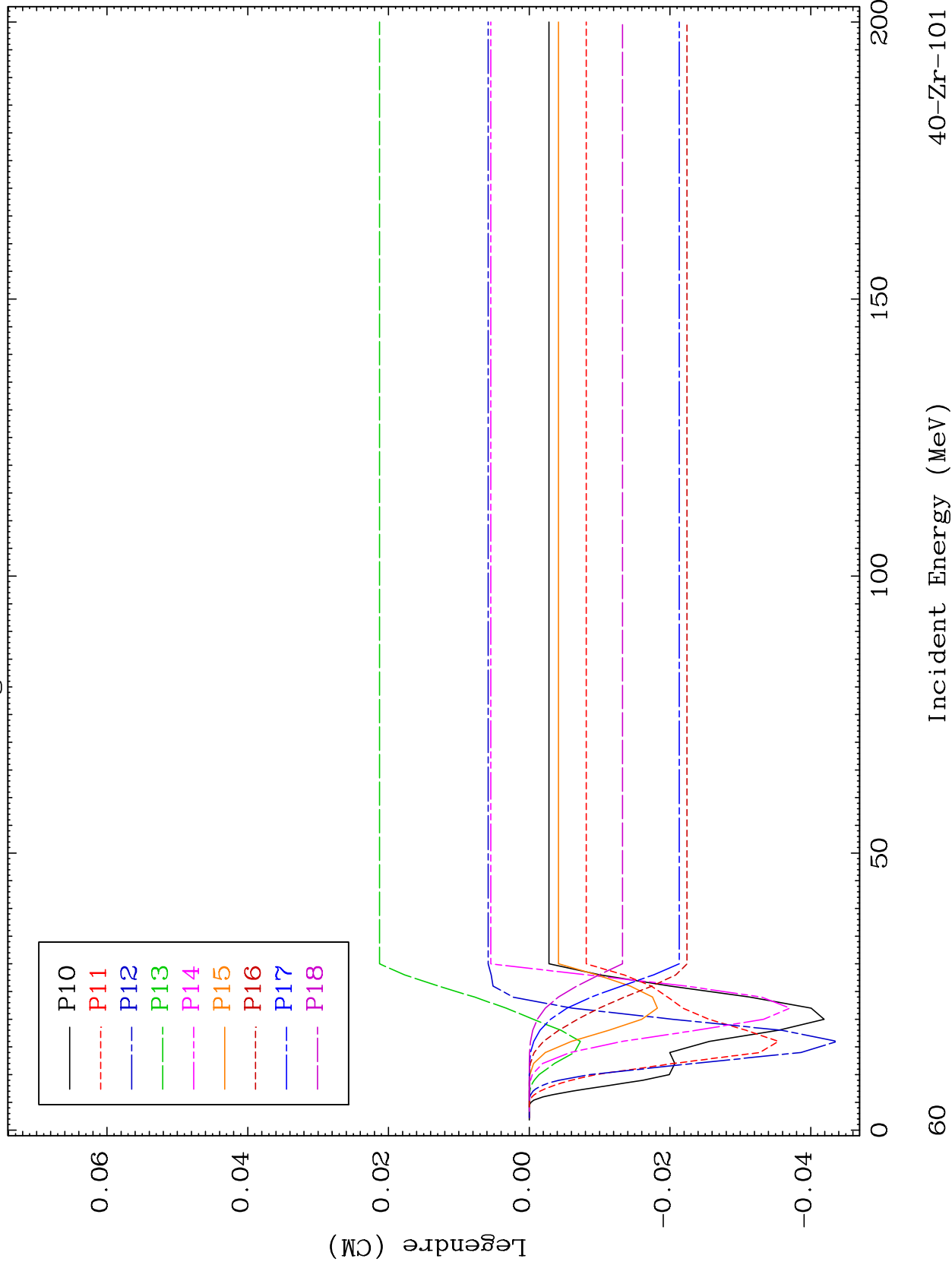
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

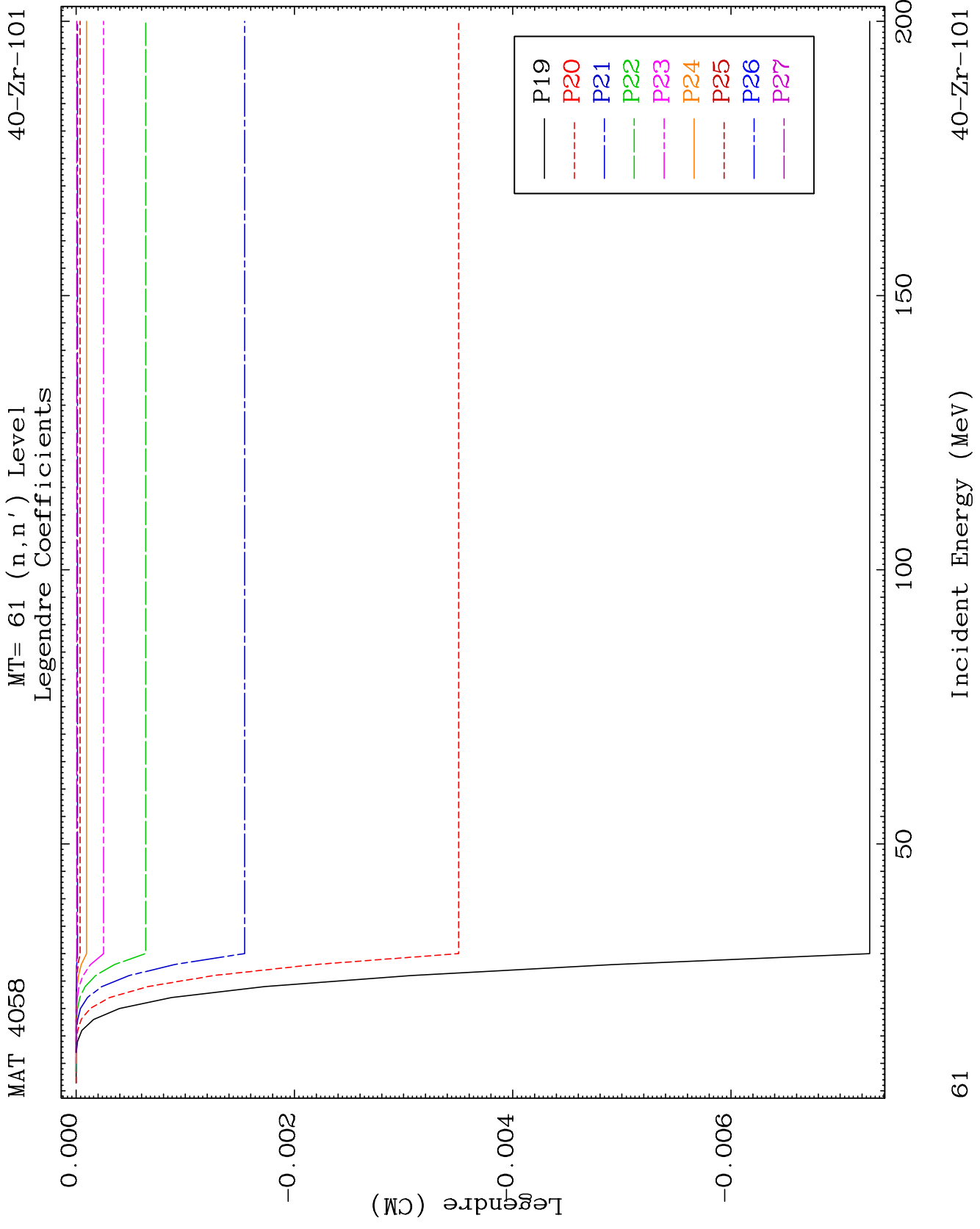
40-Zr-101

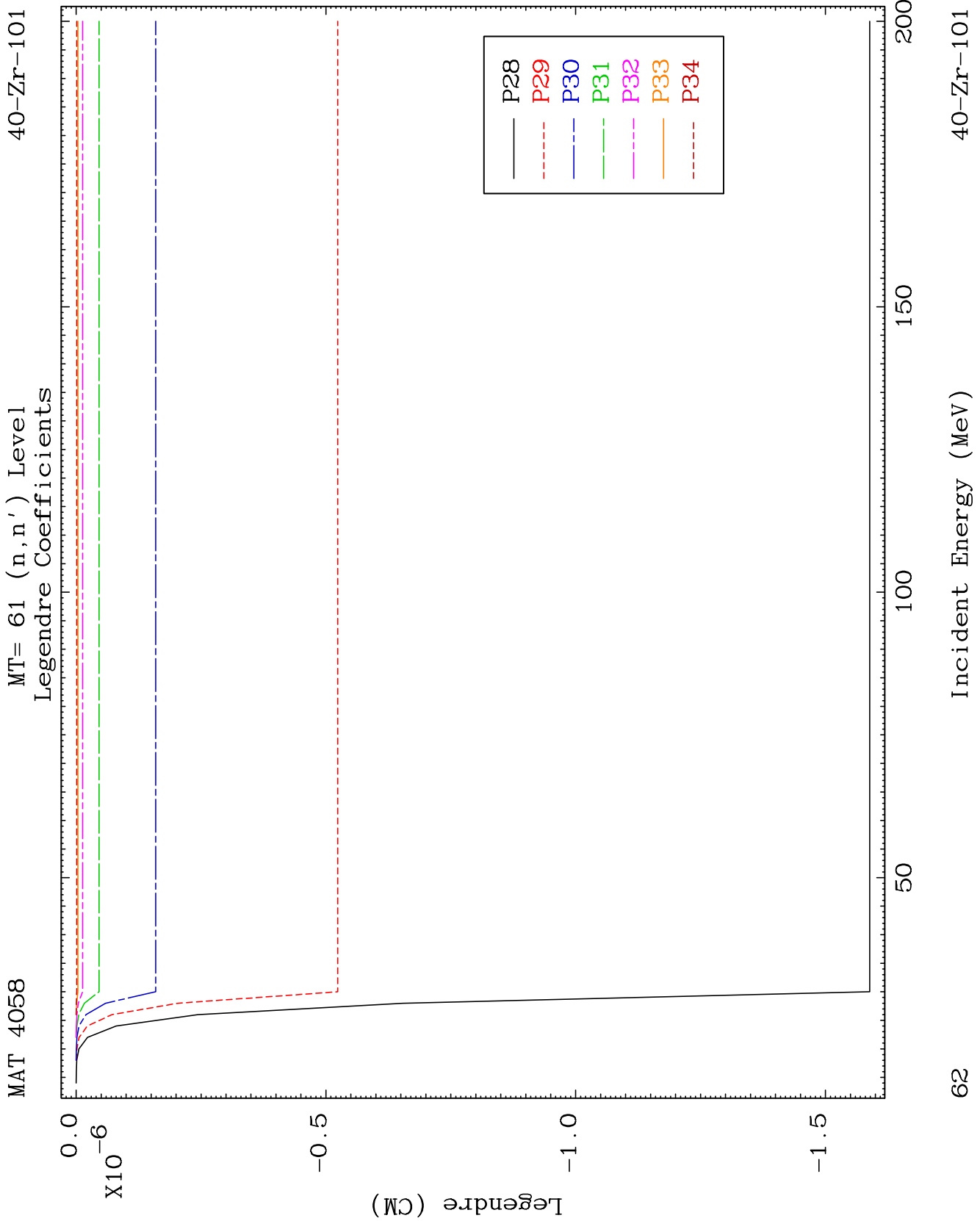


40-Zr-101

Incident Energy (MeV)

60

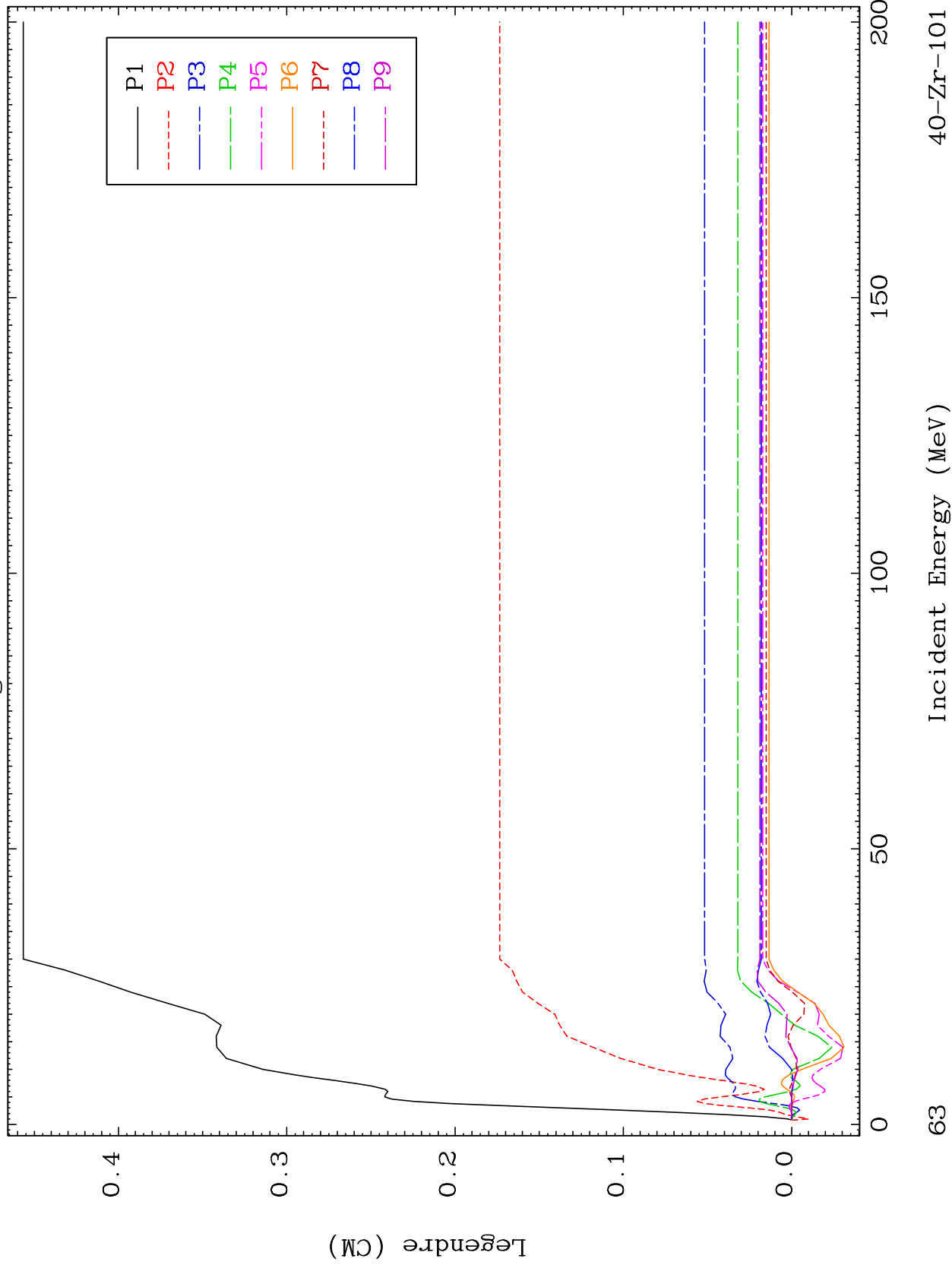




MAT 4058

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

40-Zr-101



63

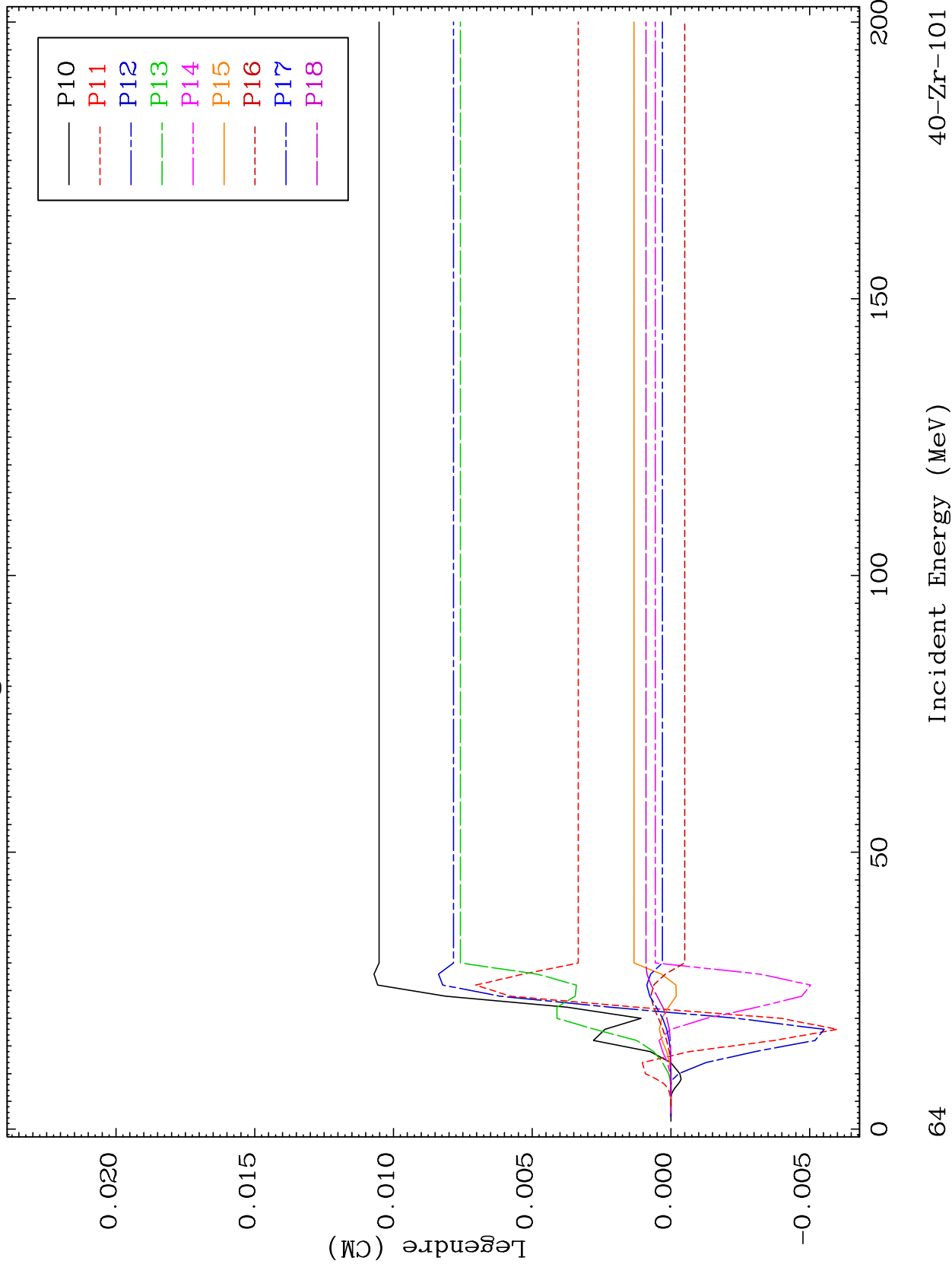
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

40-Zr-101

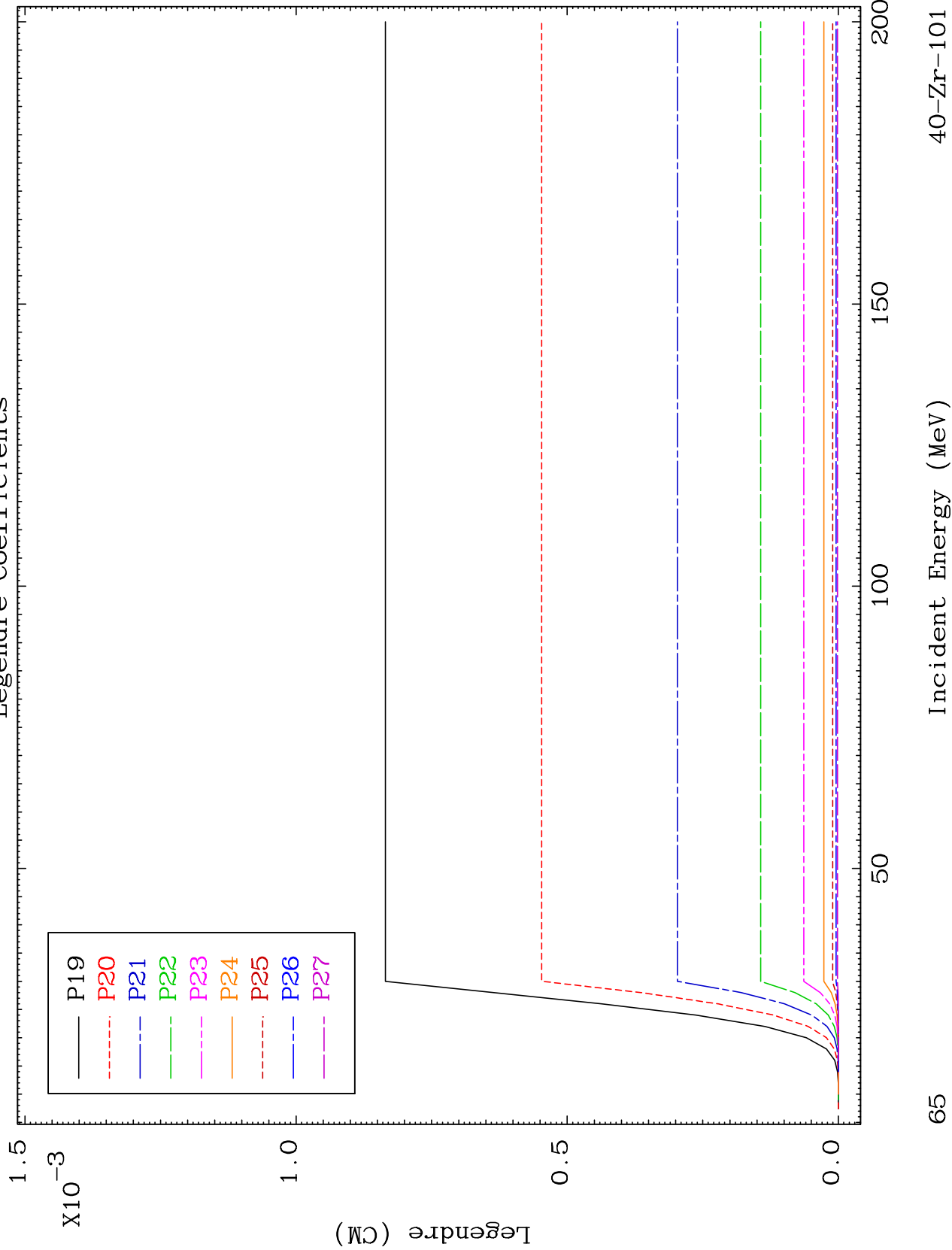


64

MAT 4058

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

40-Zr-101



65

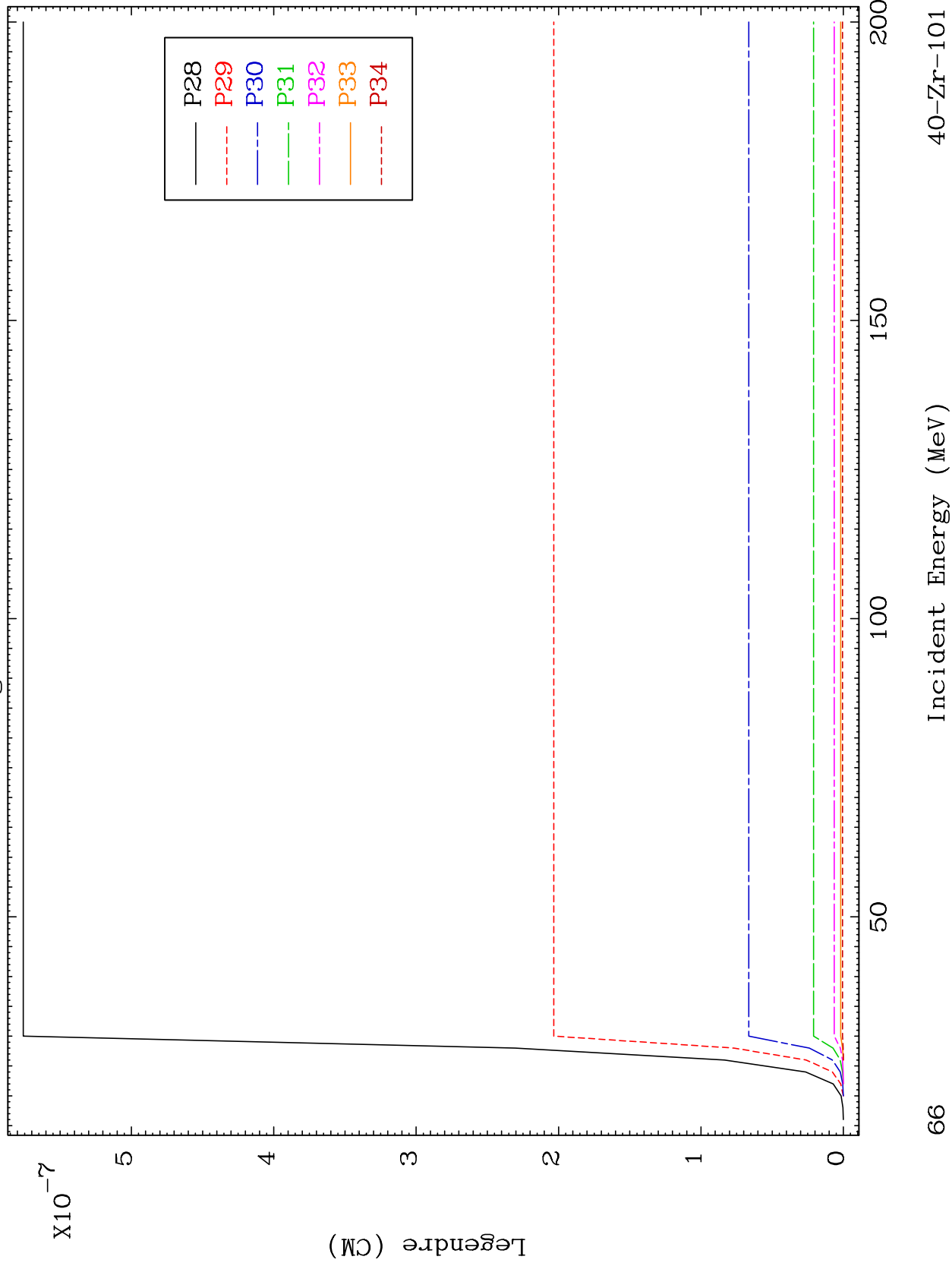
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

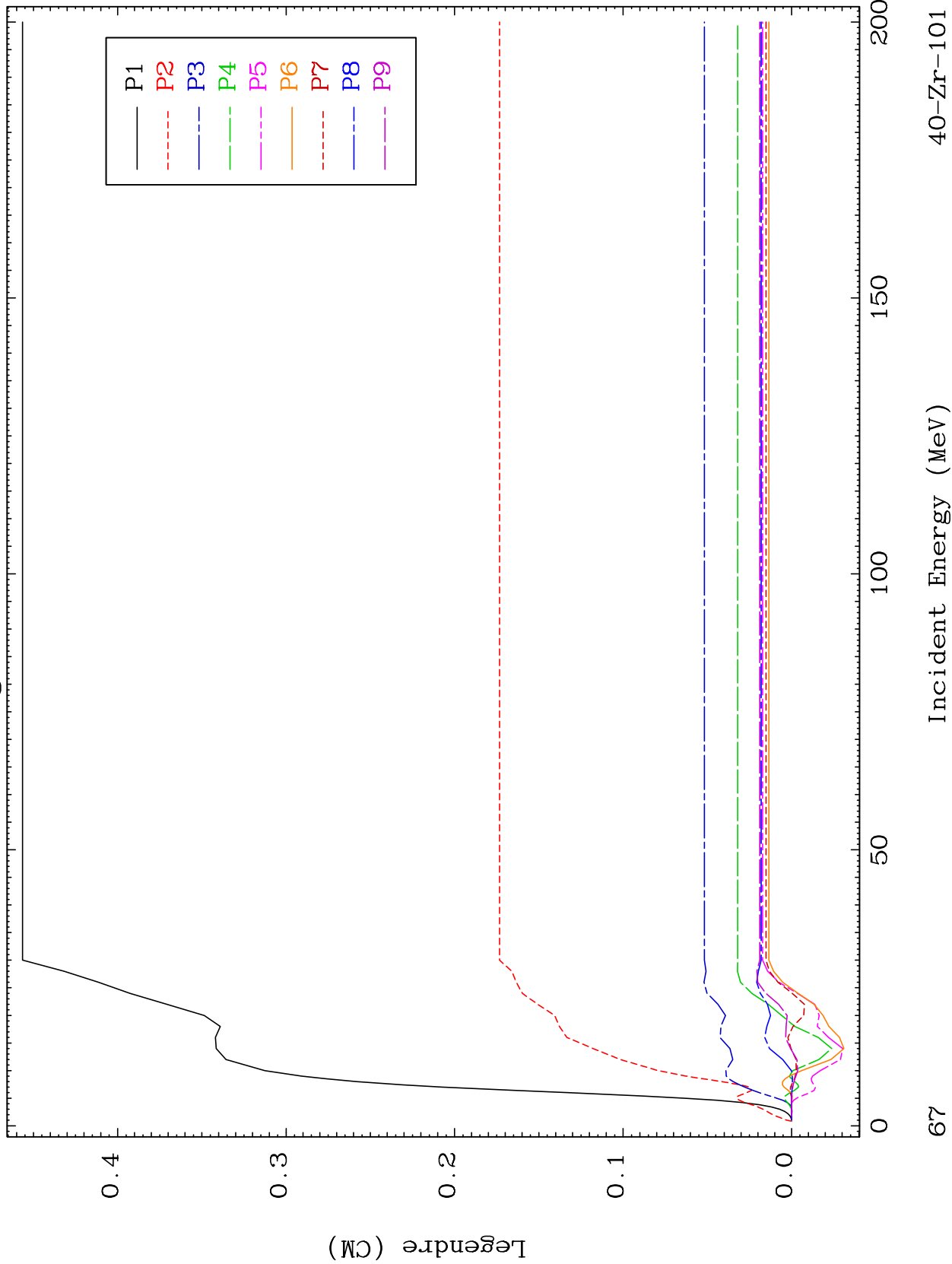
40-Zr-101



MAT 4058

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

40-Zr-101



67

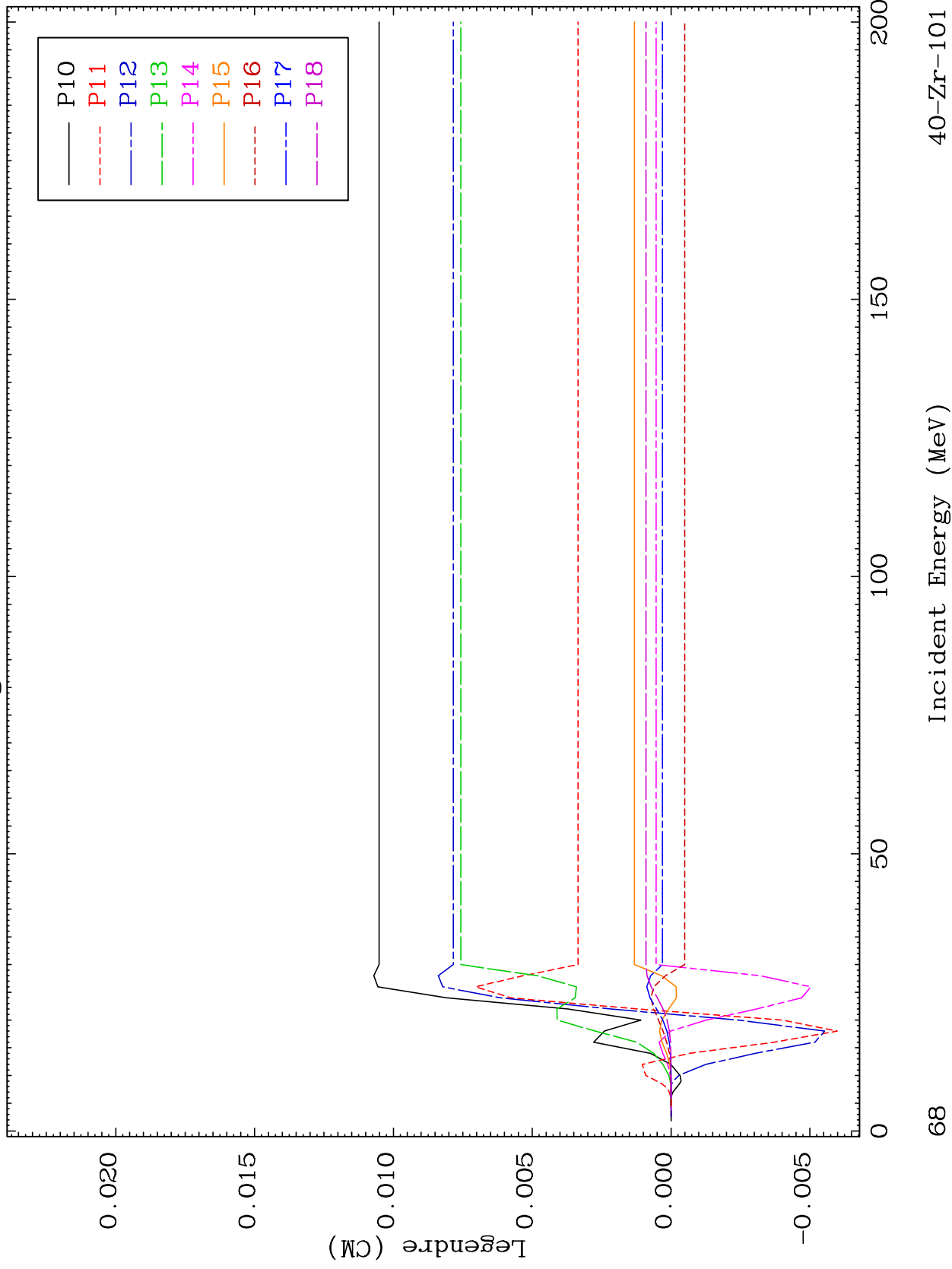
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

40-Zr-101



40-Zr-101

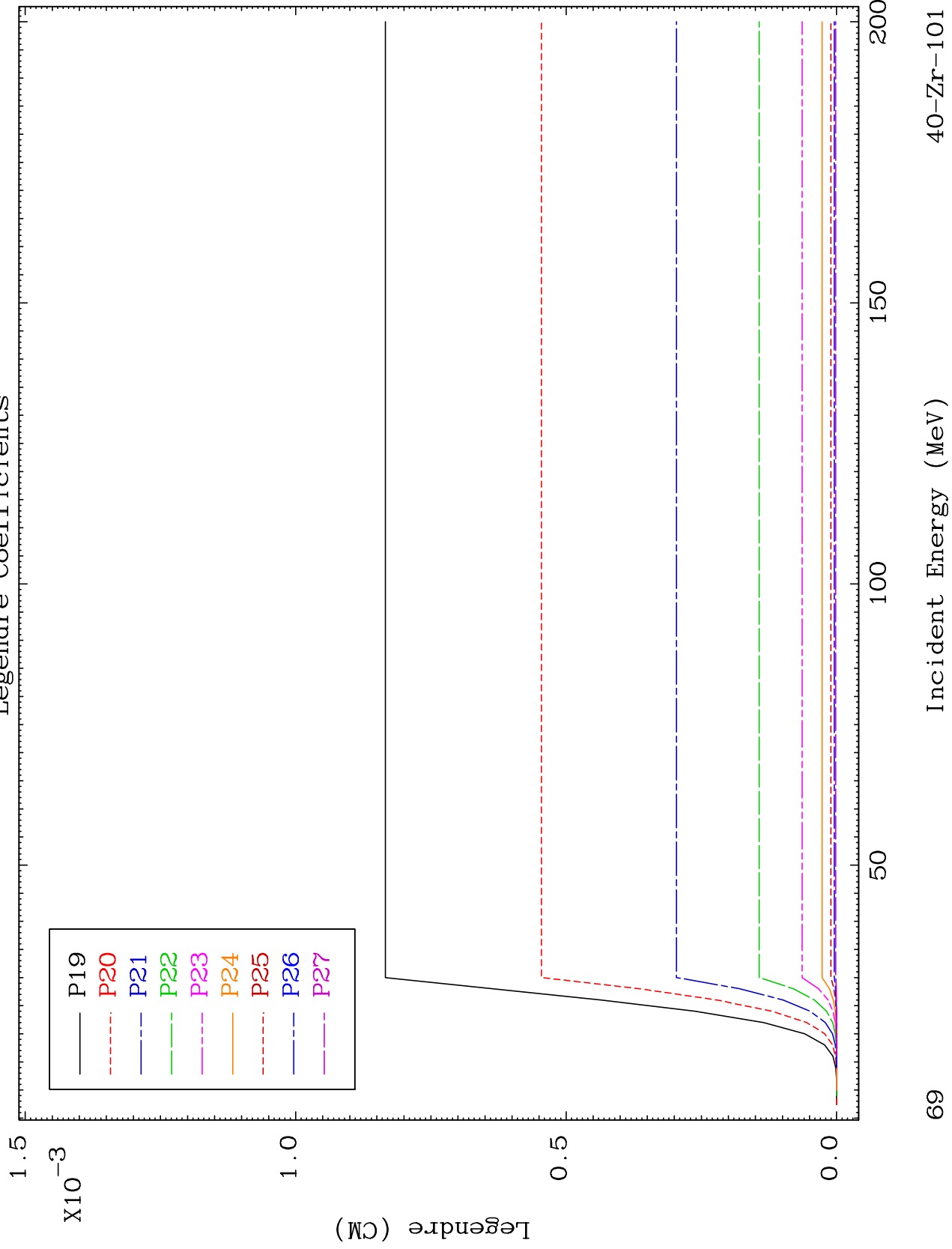
Incident Energy (MeV)

68

MAT 4058

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

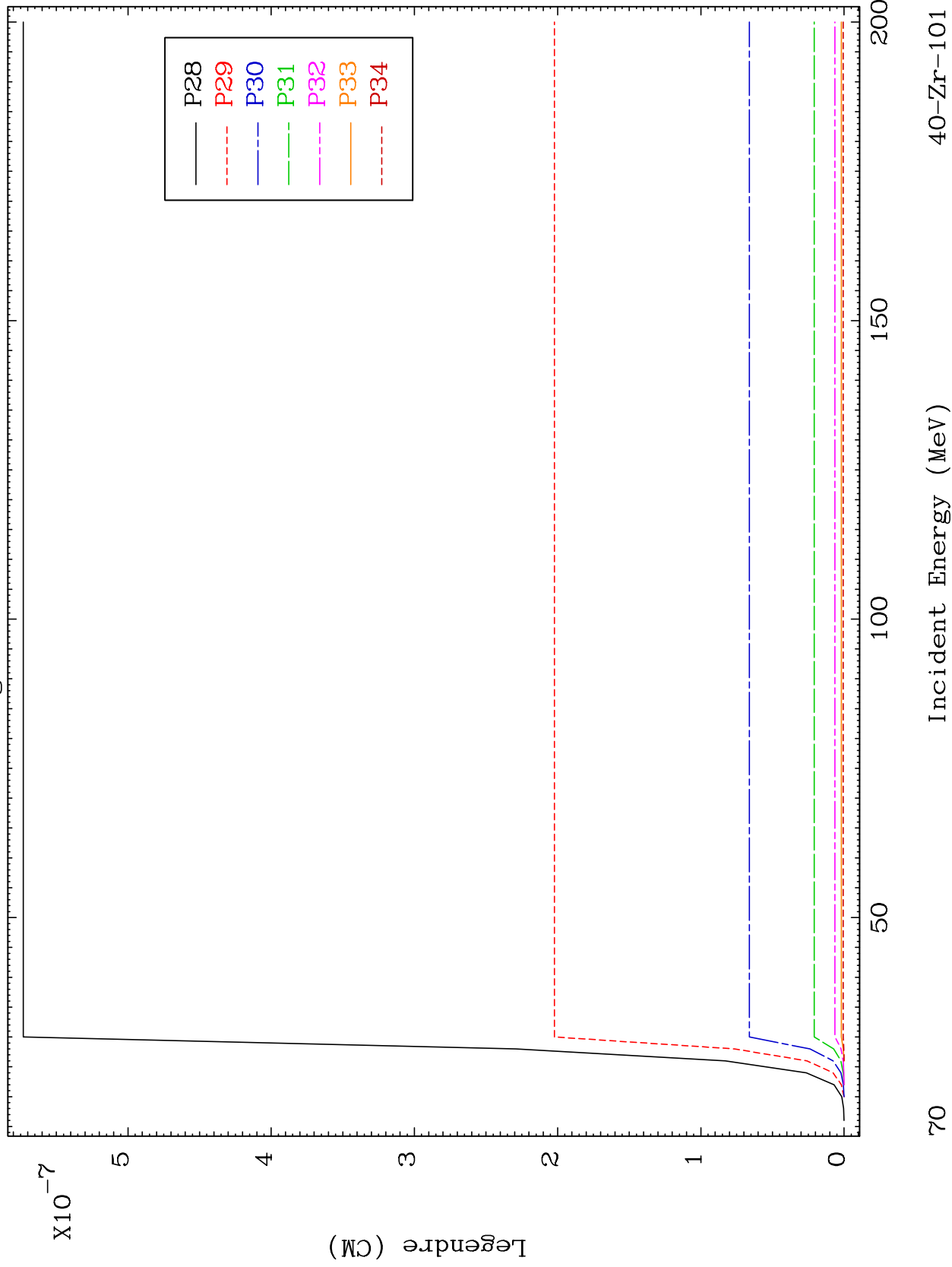
40-Zr-101



MAT 4058

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

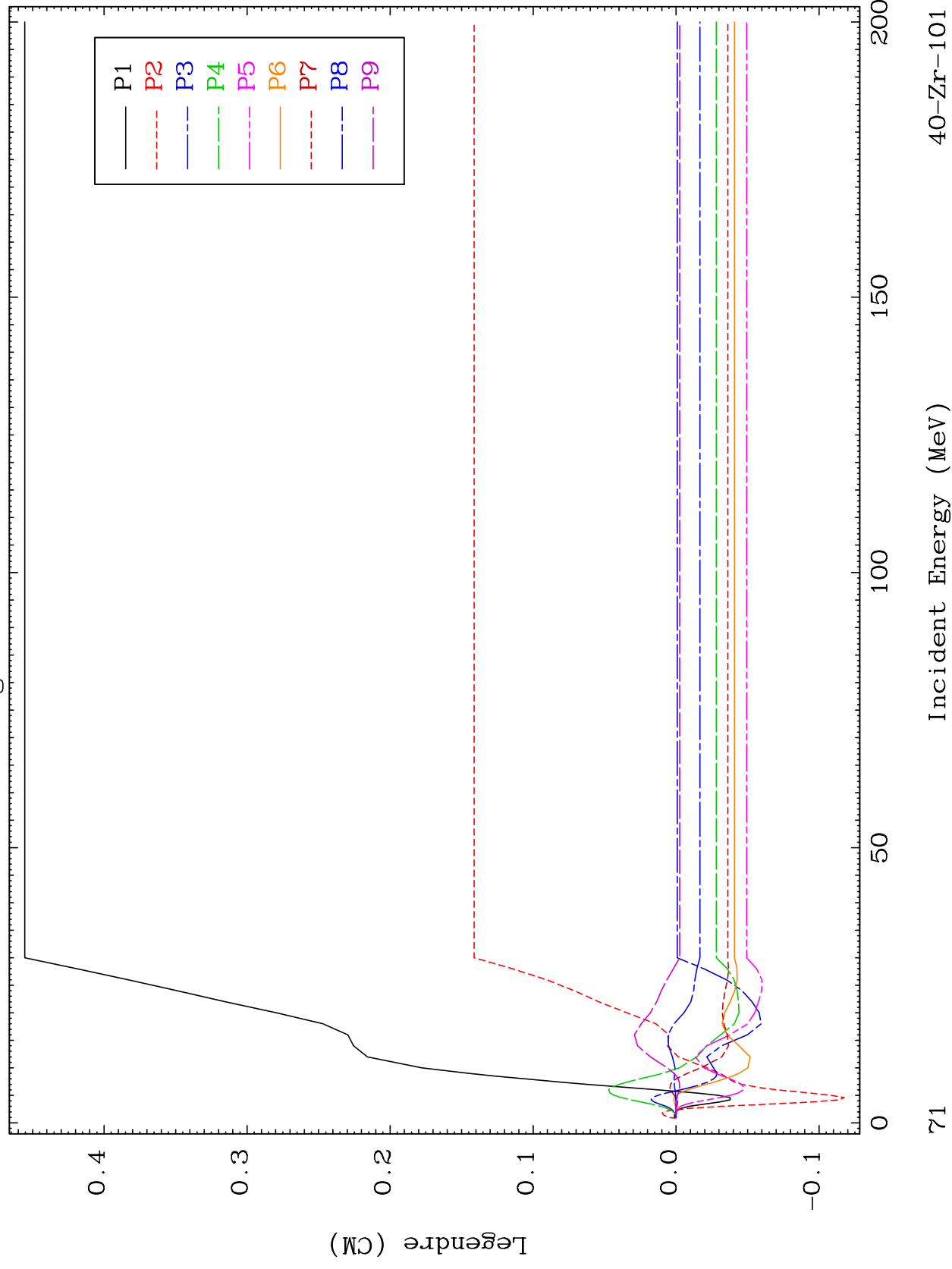
40-Zr-101



MAT 4058

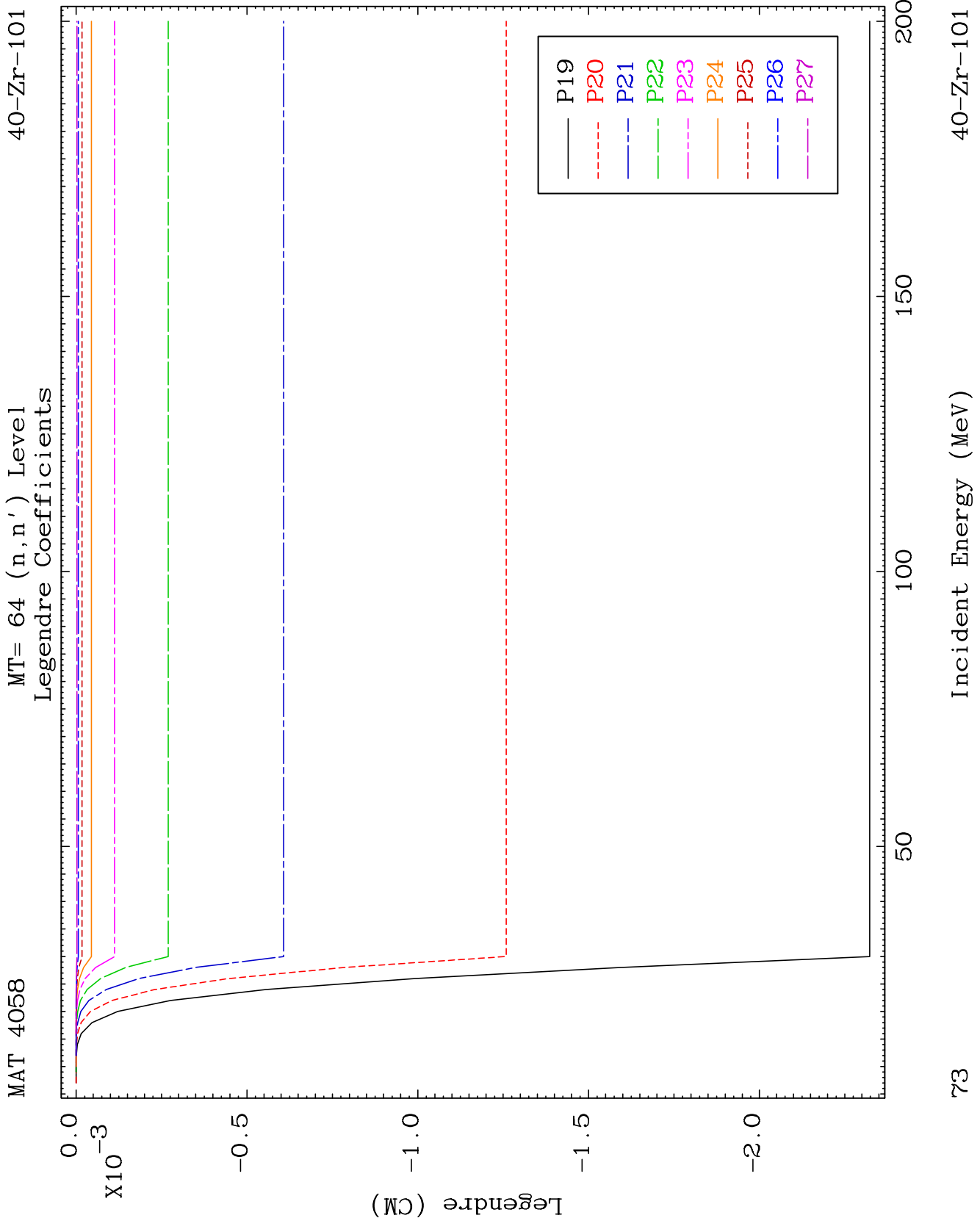
MT= 64 (n,n') Level
Legendre Coefficients

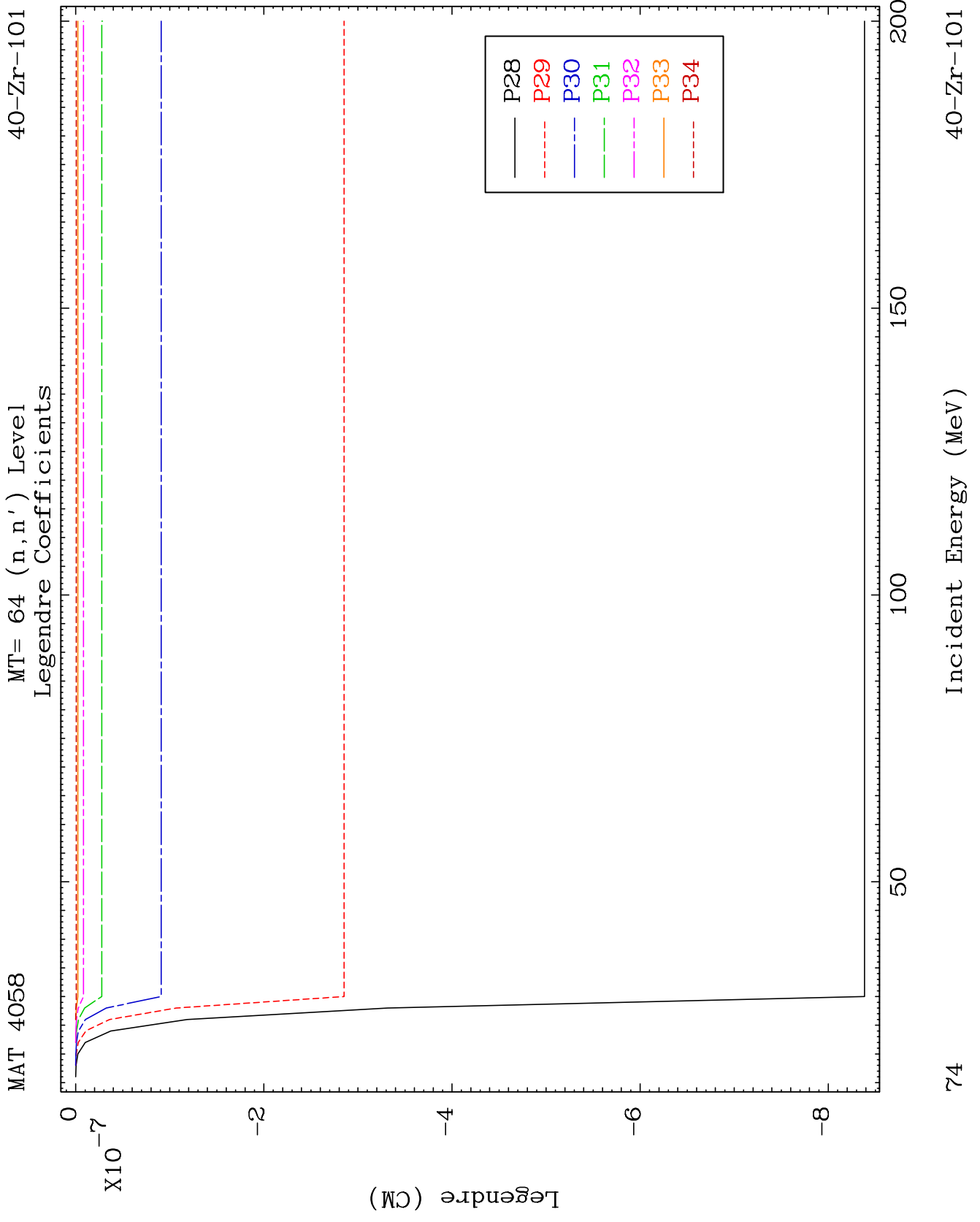
40-Zr-101

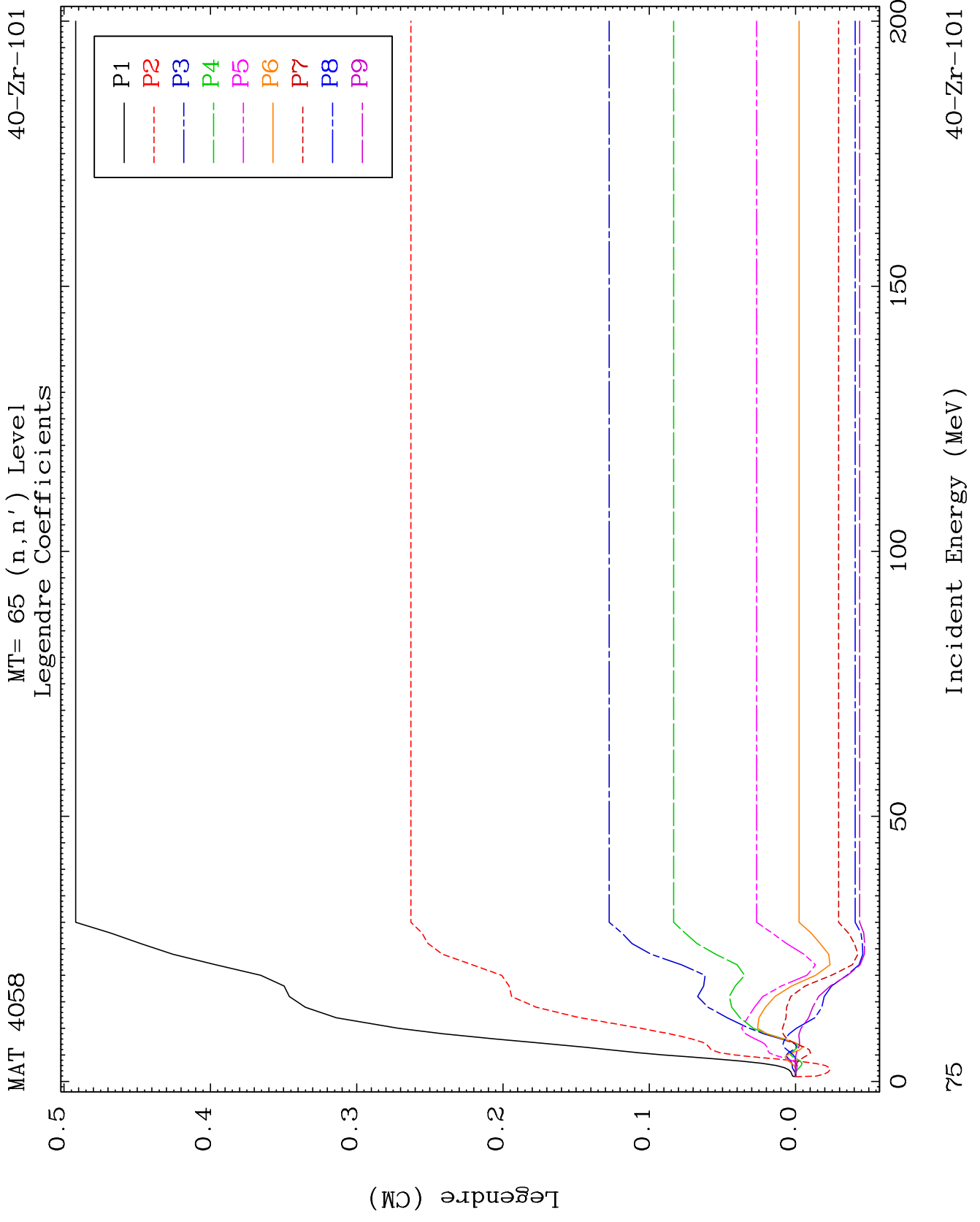


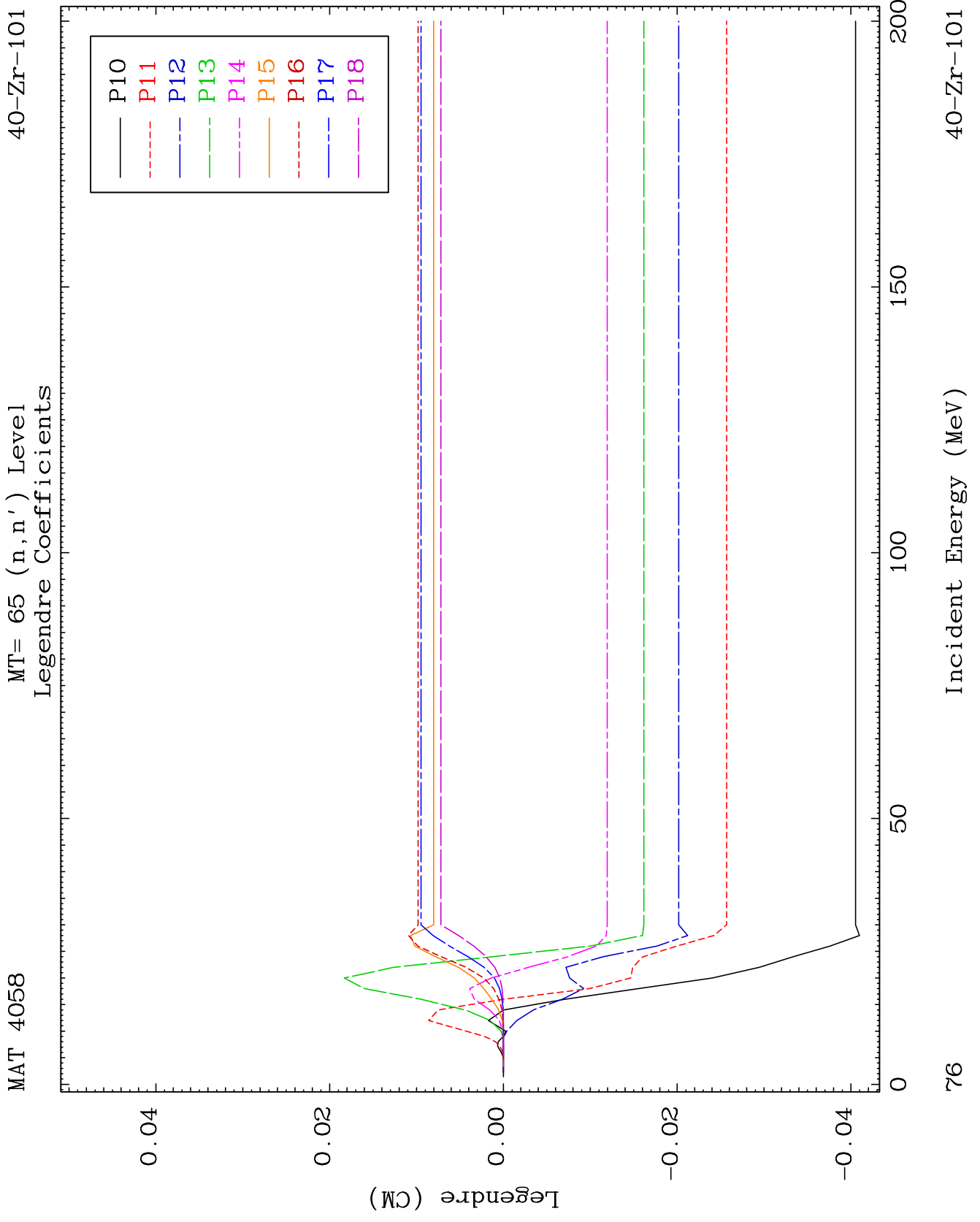
71

40-Zr-101





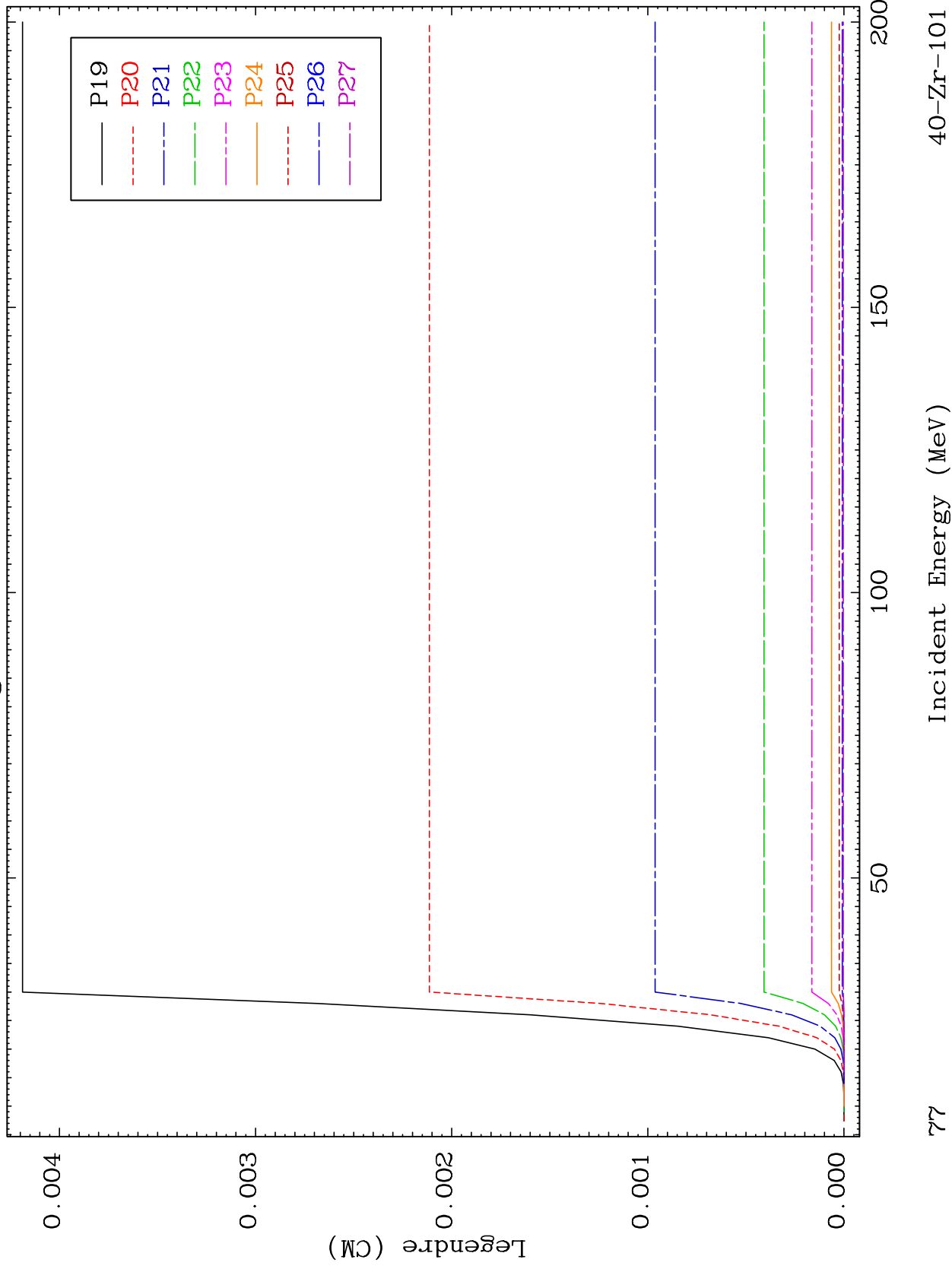




MAT 4058

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

40-Zr-101



77

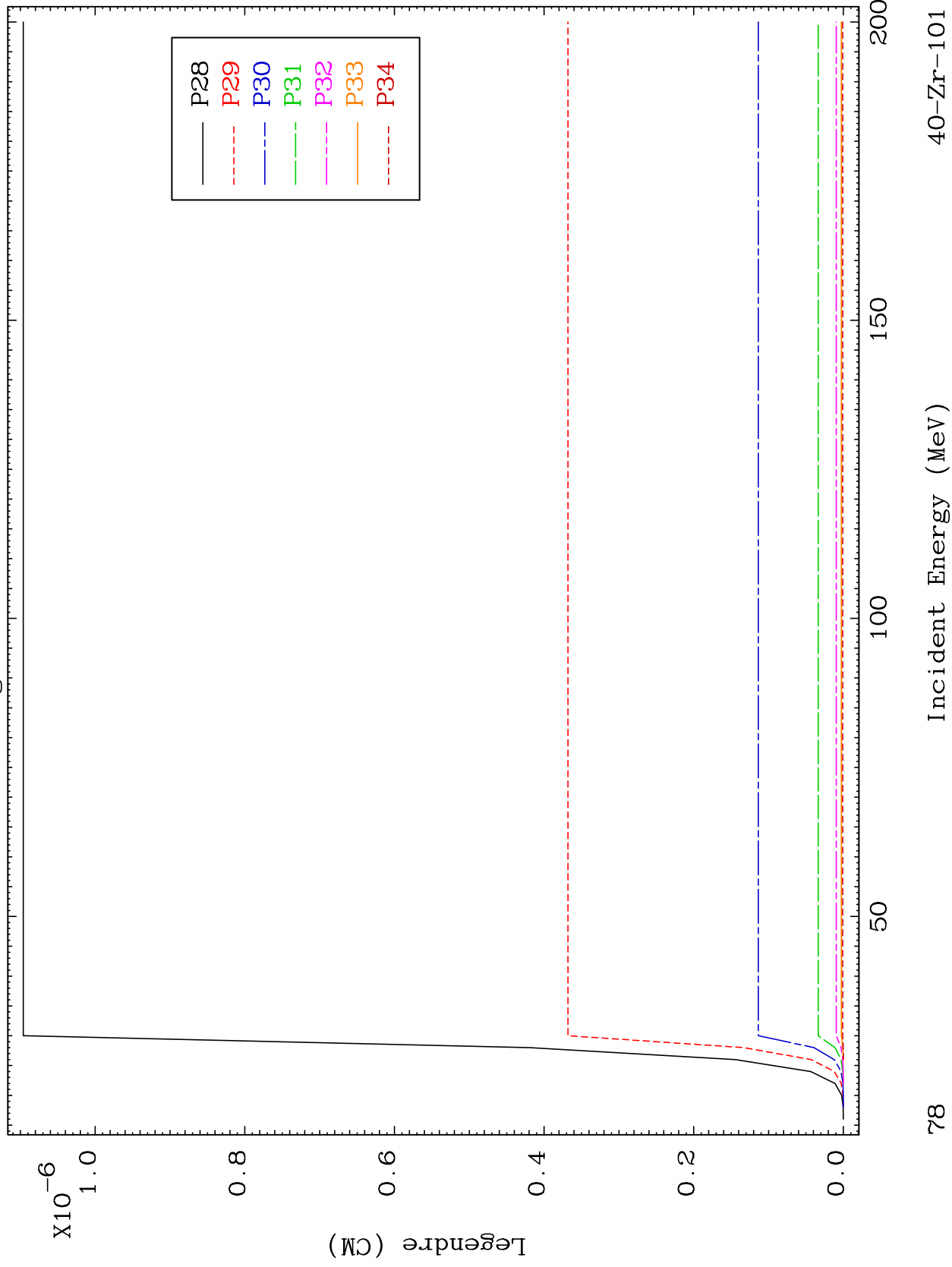
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

40-Zr-101



78

Incident Energy (MeV)

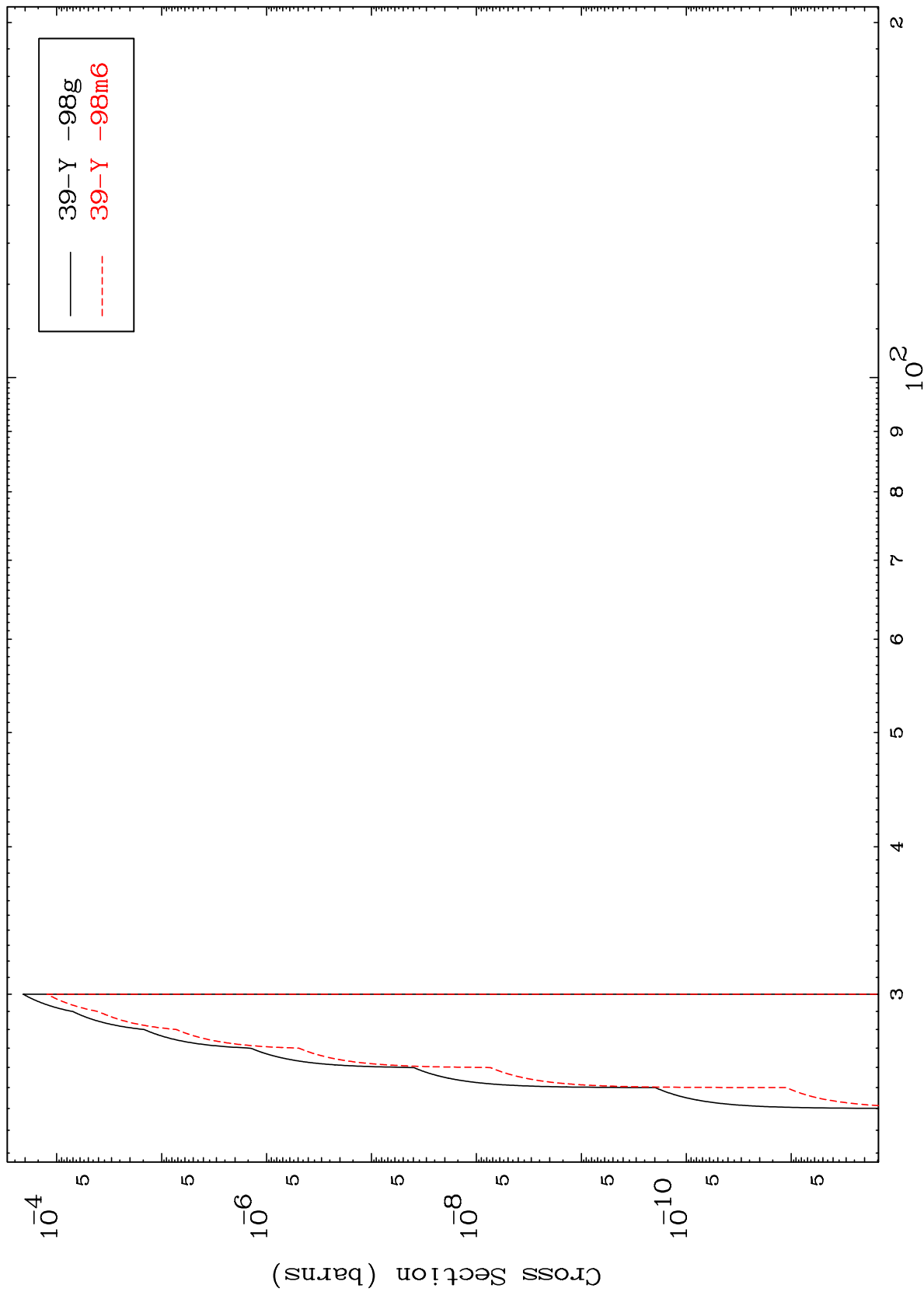
40-Zr-101

MAT 4058

(n,2n) d

40-Zr-101

Radionuclide Production Cross Section



79

Incident Energy (MeV)

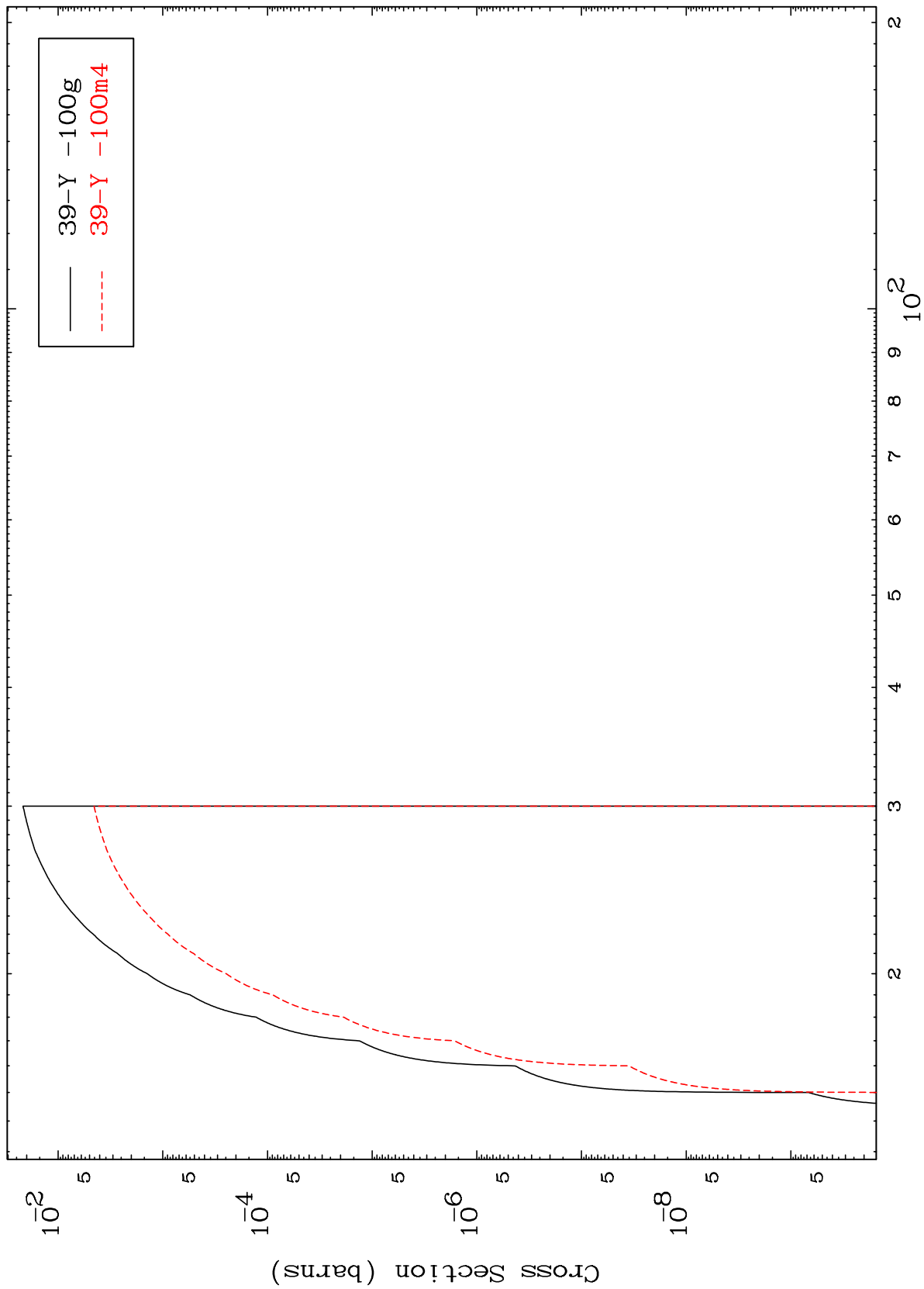
40-Zr-101

MAT 4058

(n,n') p

40-Zr-101

Radionuclide Production Cross Section

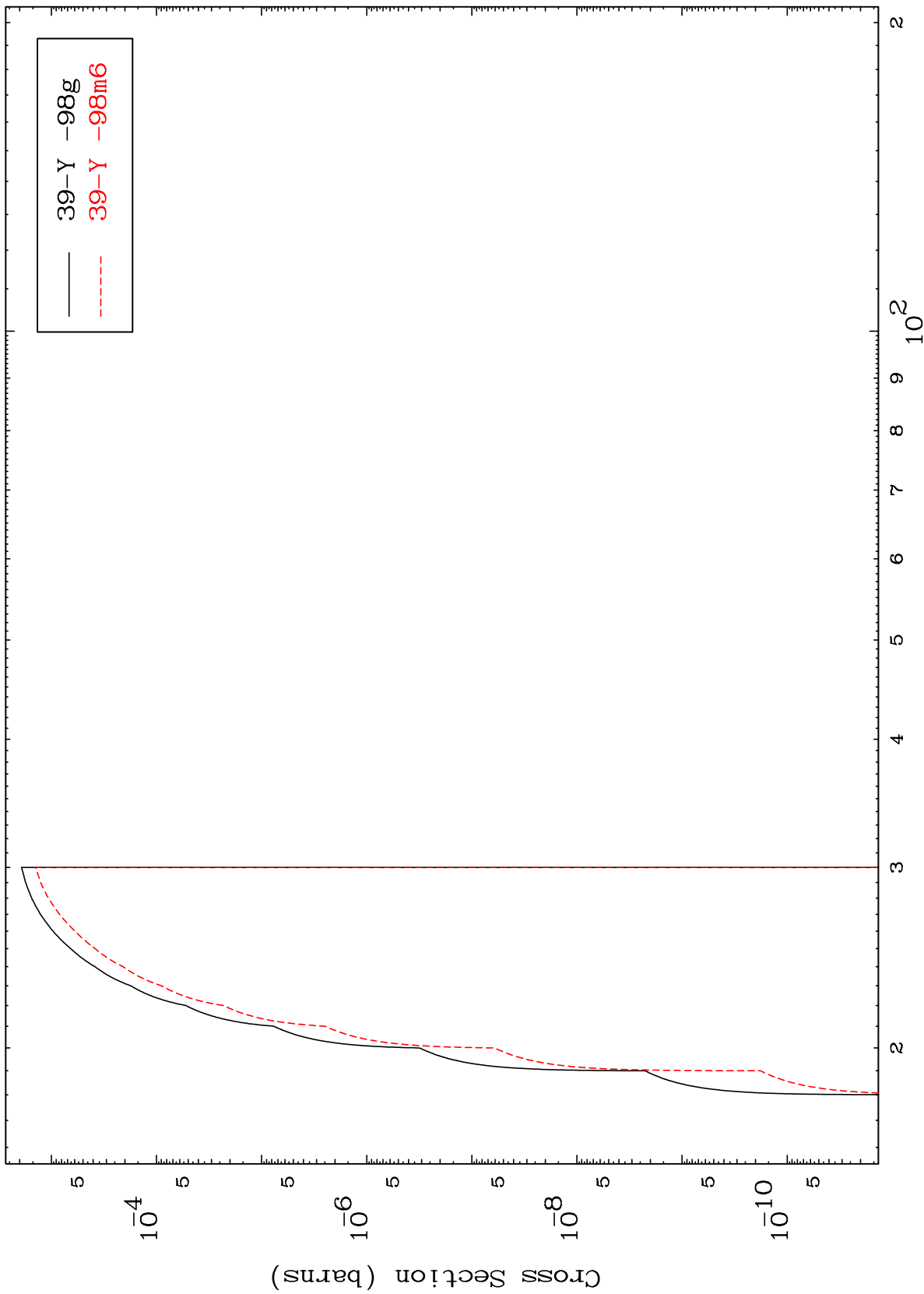


80

Incident Energy (MeV)

40-Zr-101

Radionuclide Production Cross Section

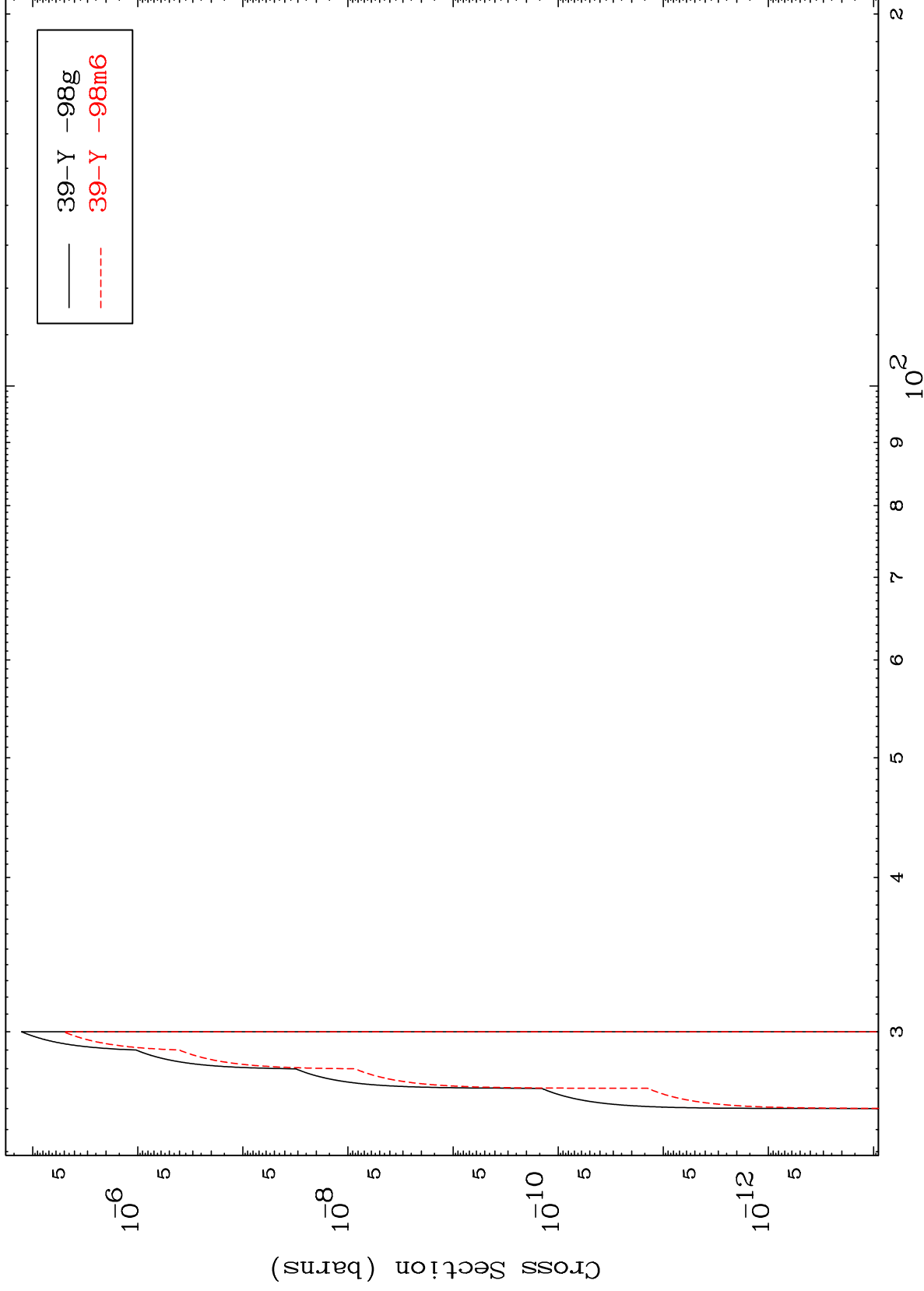


MAT 4058

(n,3n) p

40-Zr-101

Radionuclide Production Cross Section



82

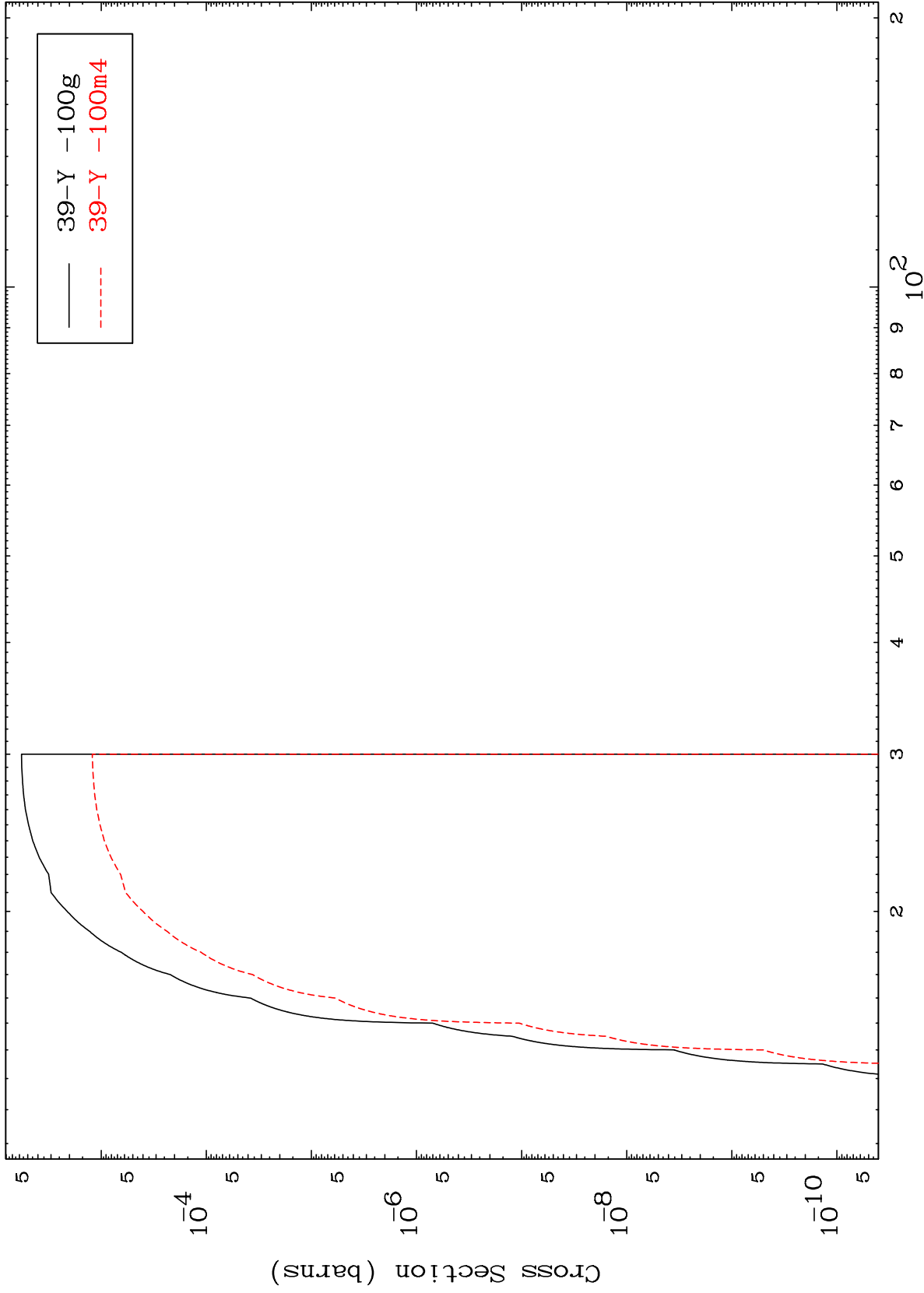
Incident Energy (MeV)

40-Zr-101

MAT 4058

40-Zr-101

(n,d)
Radionuclide Production Cross Section



83

Incident Energy (MeV)

40-Zr-101