

Program EVALPLOT
(Version 2021-1)

by

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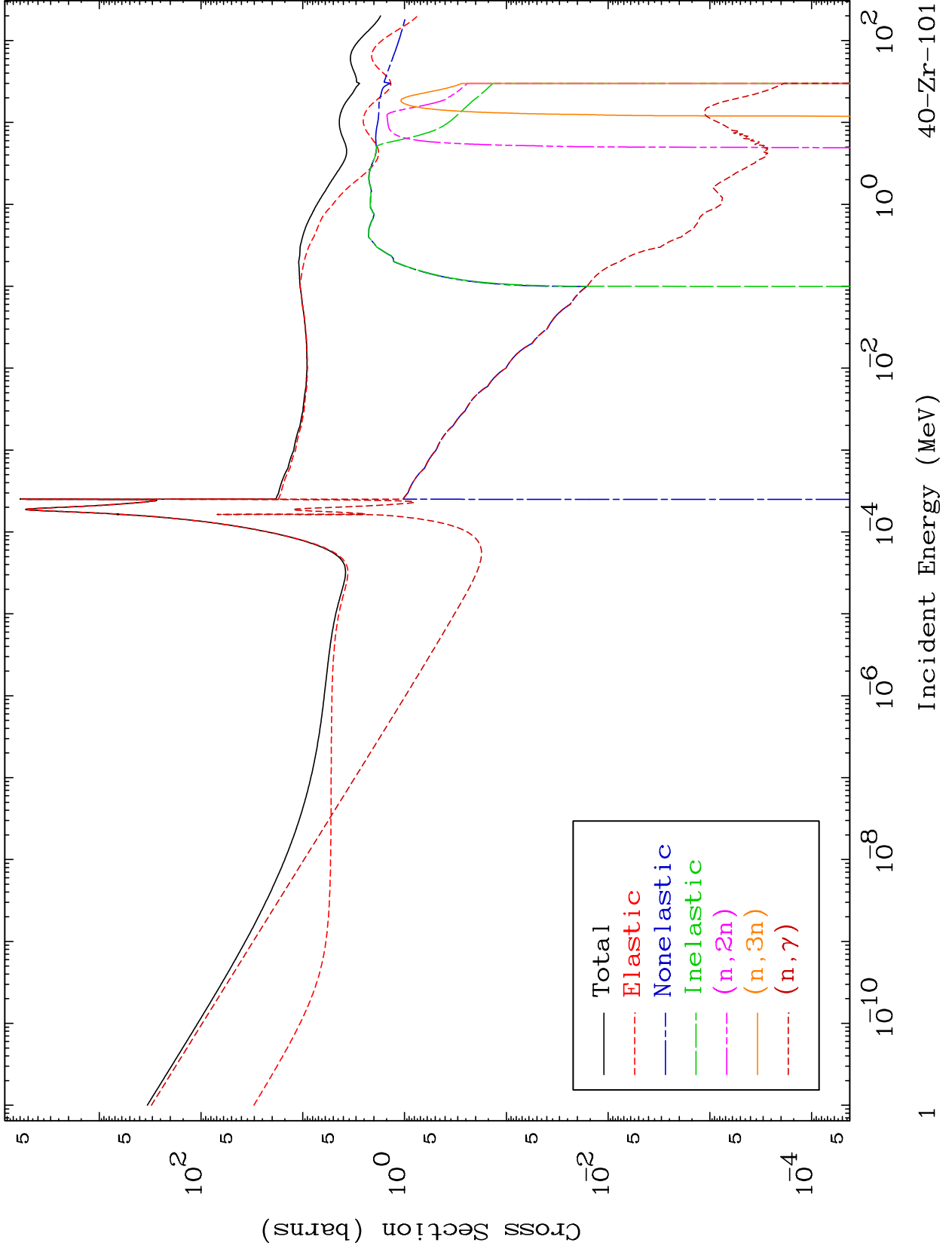
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4058

Neutron Major
293 Kelvin Cross Sections

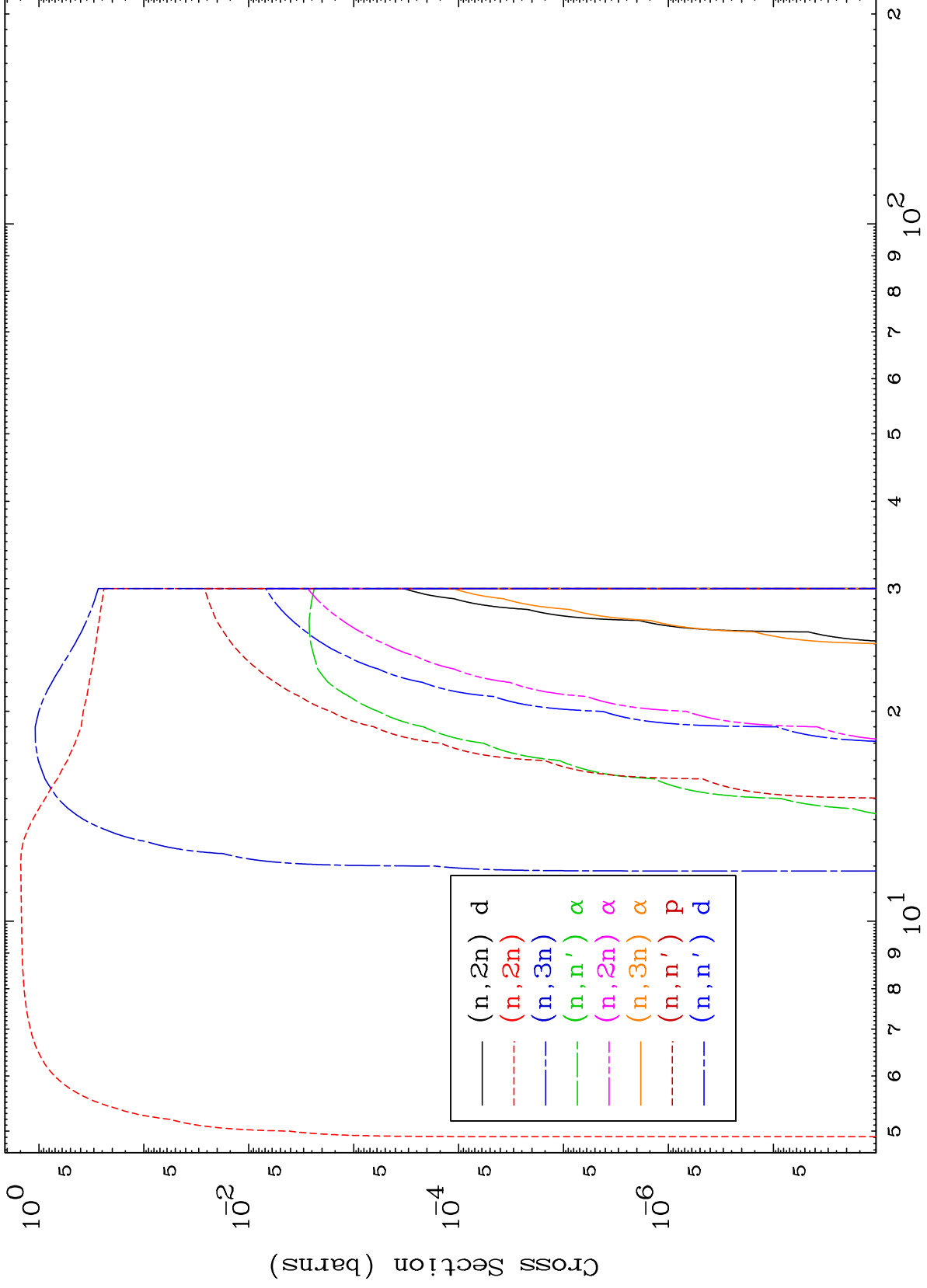
40-Zr-101



MAT 4058

Neutron Absorption
293 Kelvin Cross Sections

40-Zr-101



2

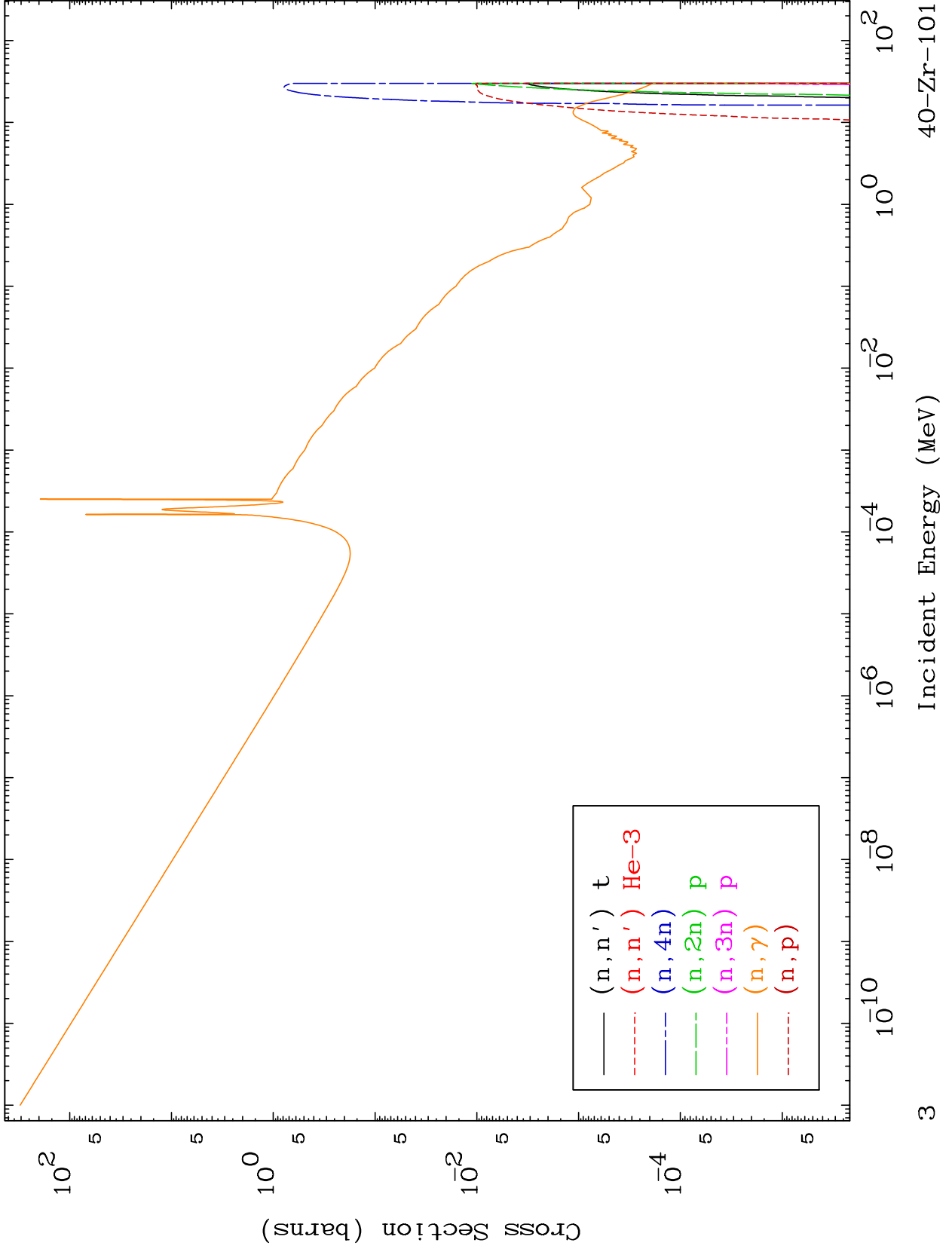
Incident Energy (MeV)

40-Zr-101

MAT 4058

Neutron Absorption
293 Kelvin Cross Sections

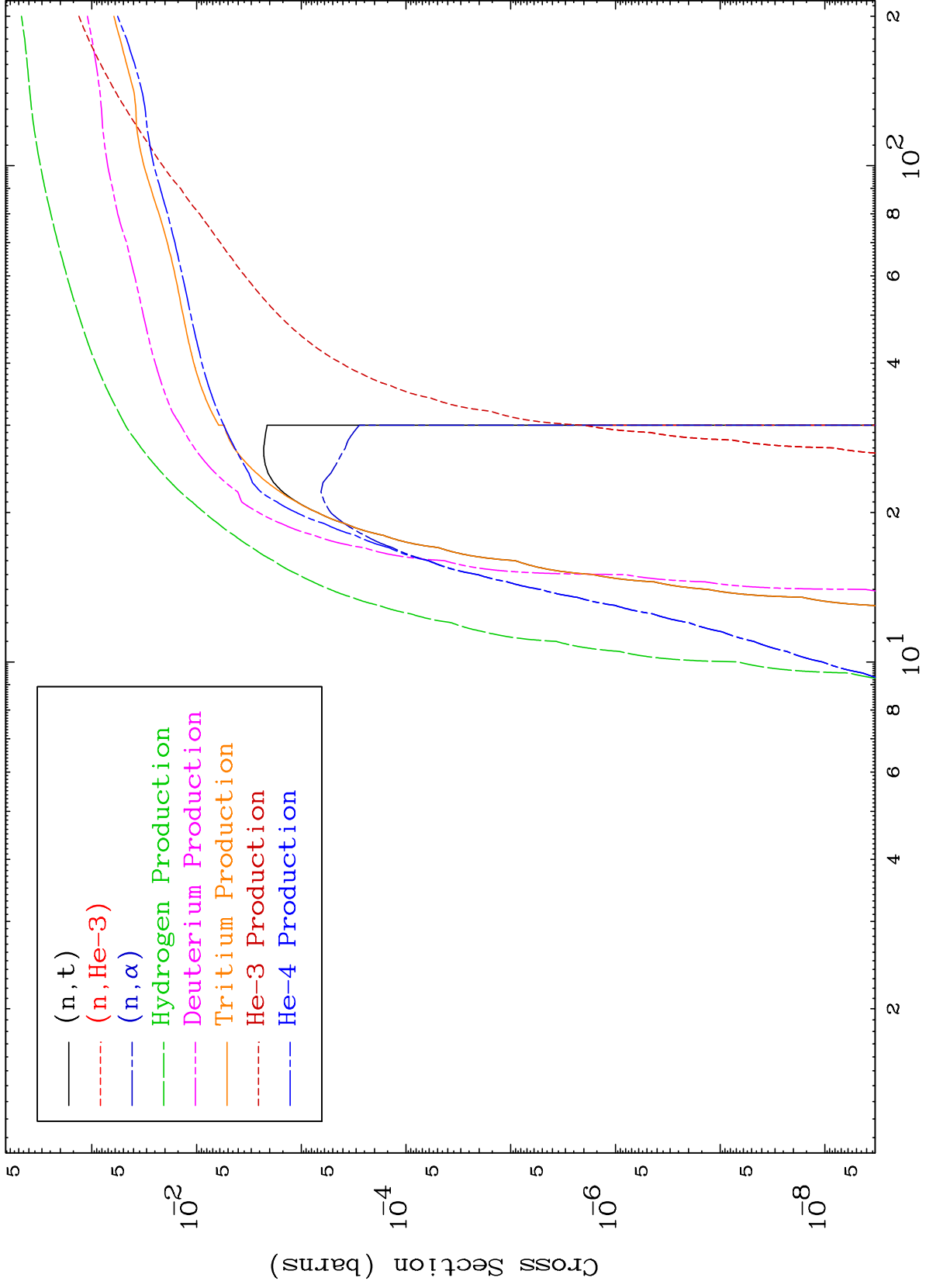
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MAT 4058

Neutron Absorption
293 Kelvin Cross Sections

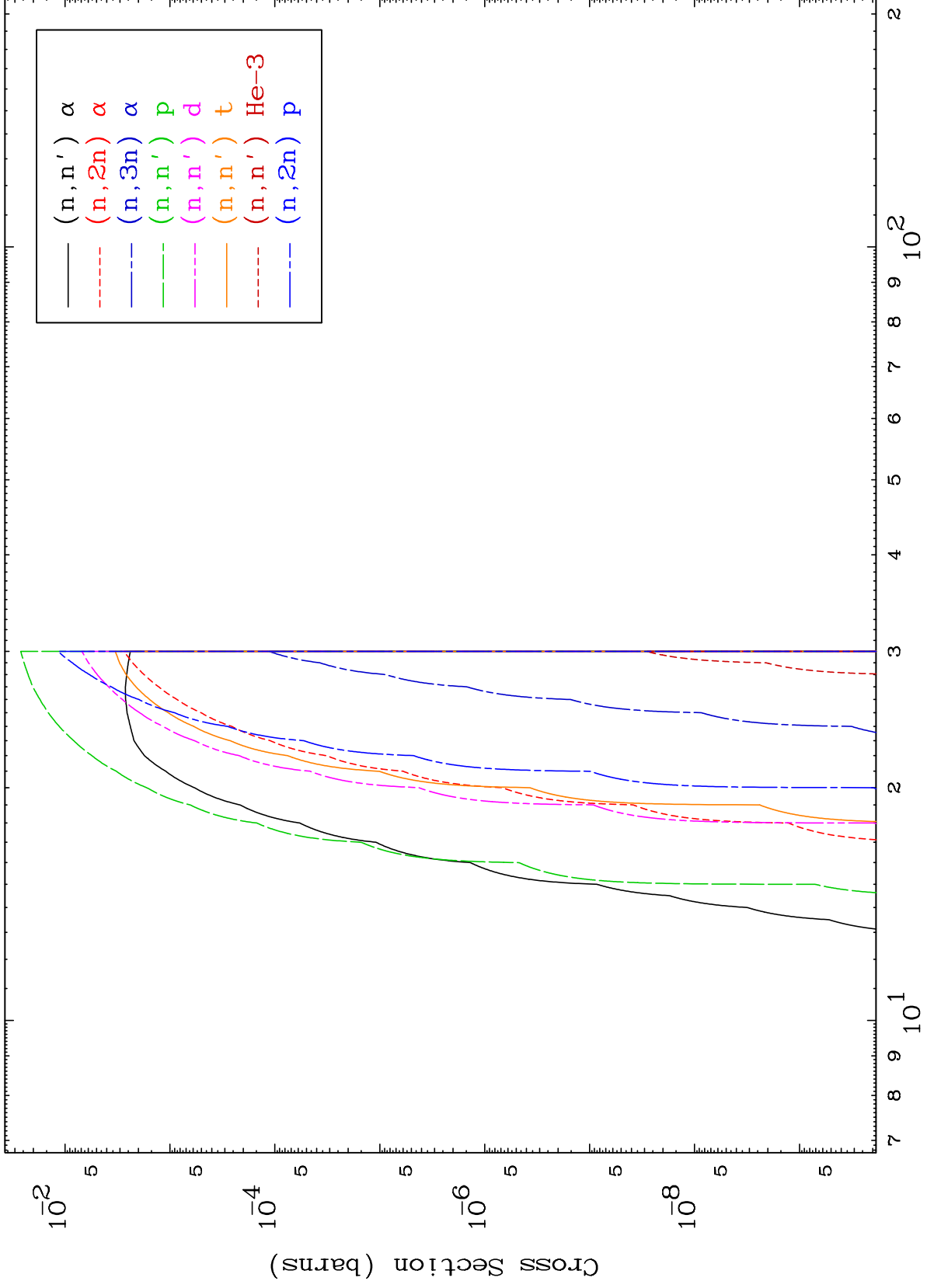
40-Zr-101



MAT 4058

Charged Particle
293 Kelvin Cross Sections

40-Zr-101



5

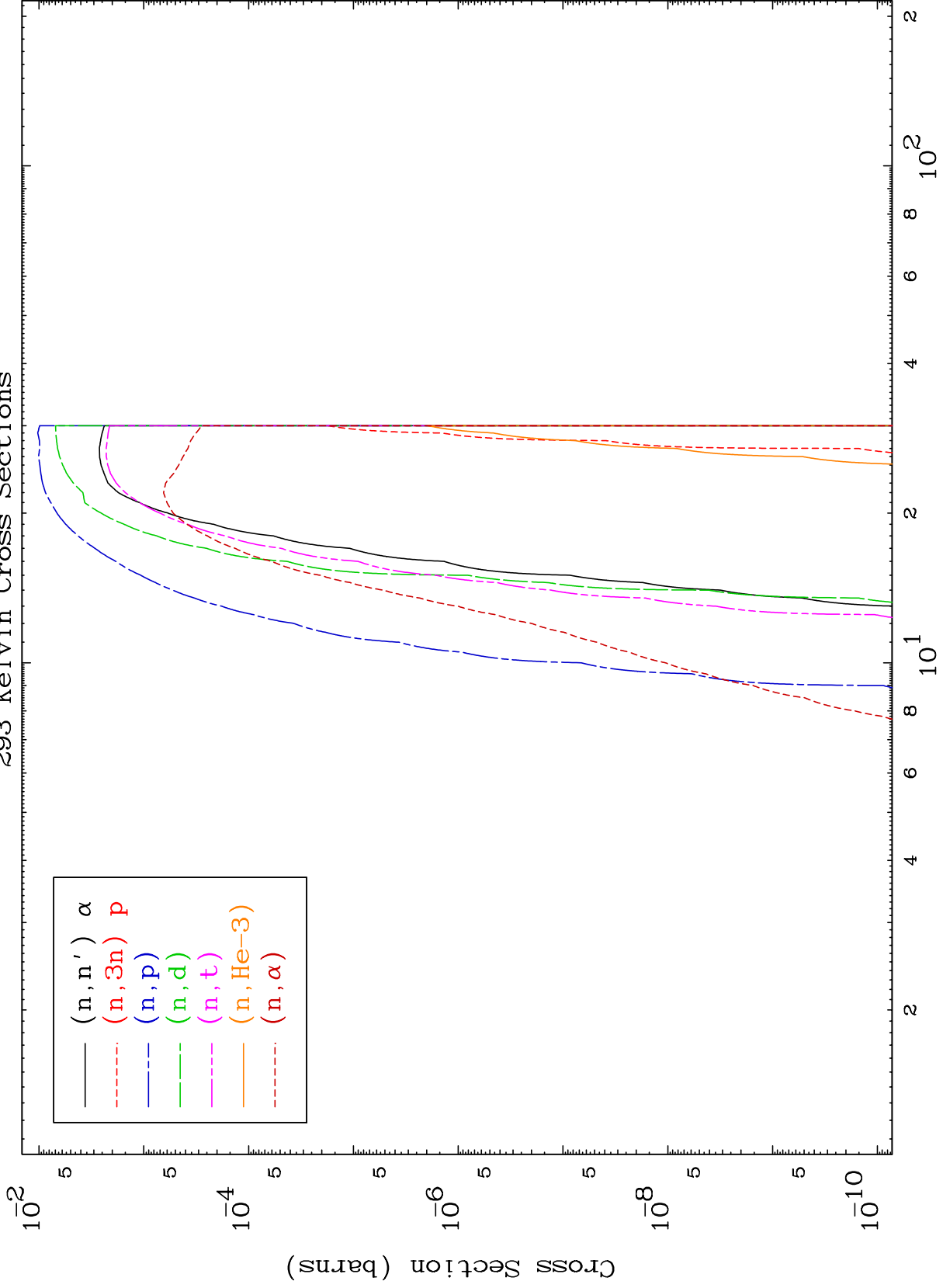
Incident Energy (MeV)

40-Zr-101

MAT 4058

Charged Particle
293 Kelvin Cross Sections

40-Zr-101



6

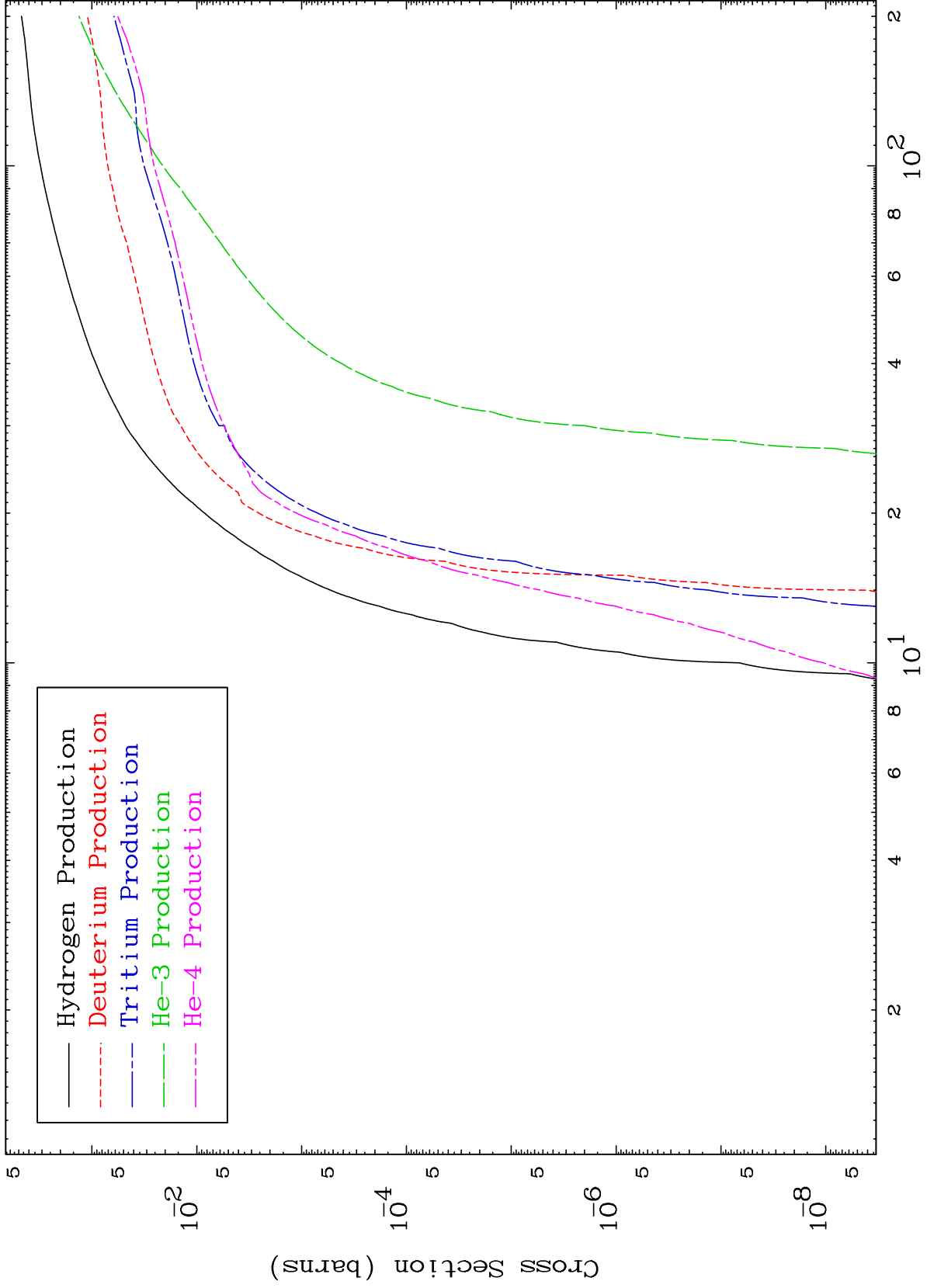
Incident Energy (MeV)

40-Zr-101

MAT 4058

Particle Production
293 Kelvin Cross Sections

40-Zr-101

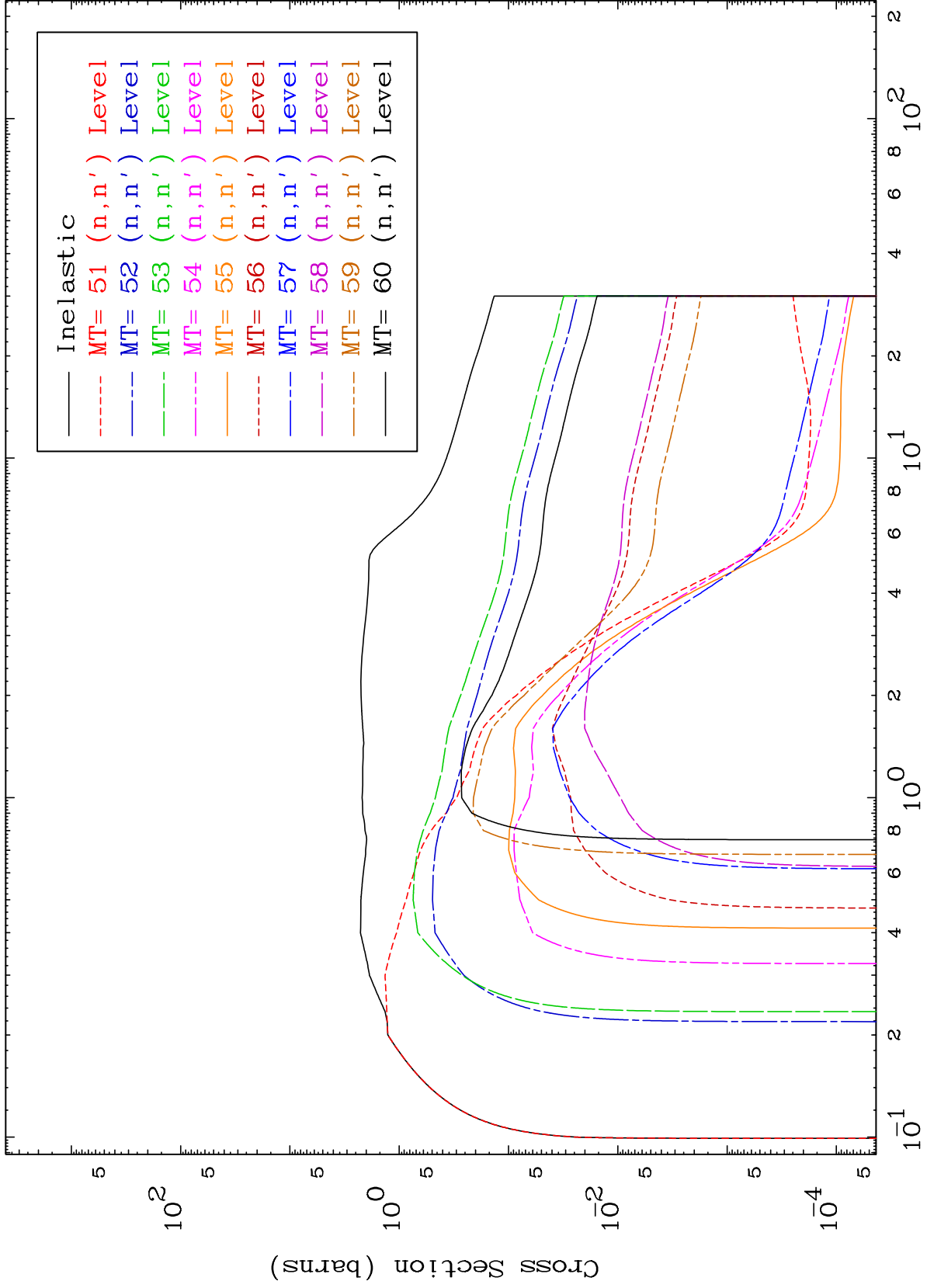


MAT 4058

(n,n') Levels

40-Zr-101

293 Kelvin Cross Sections



Incident Energy (MeV)

40-Zr-101

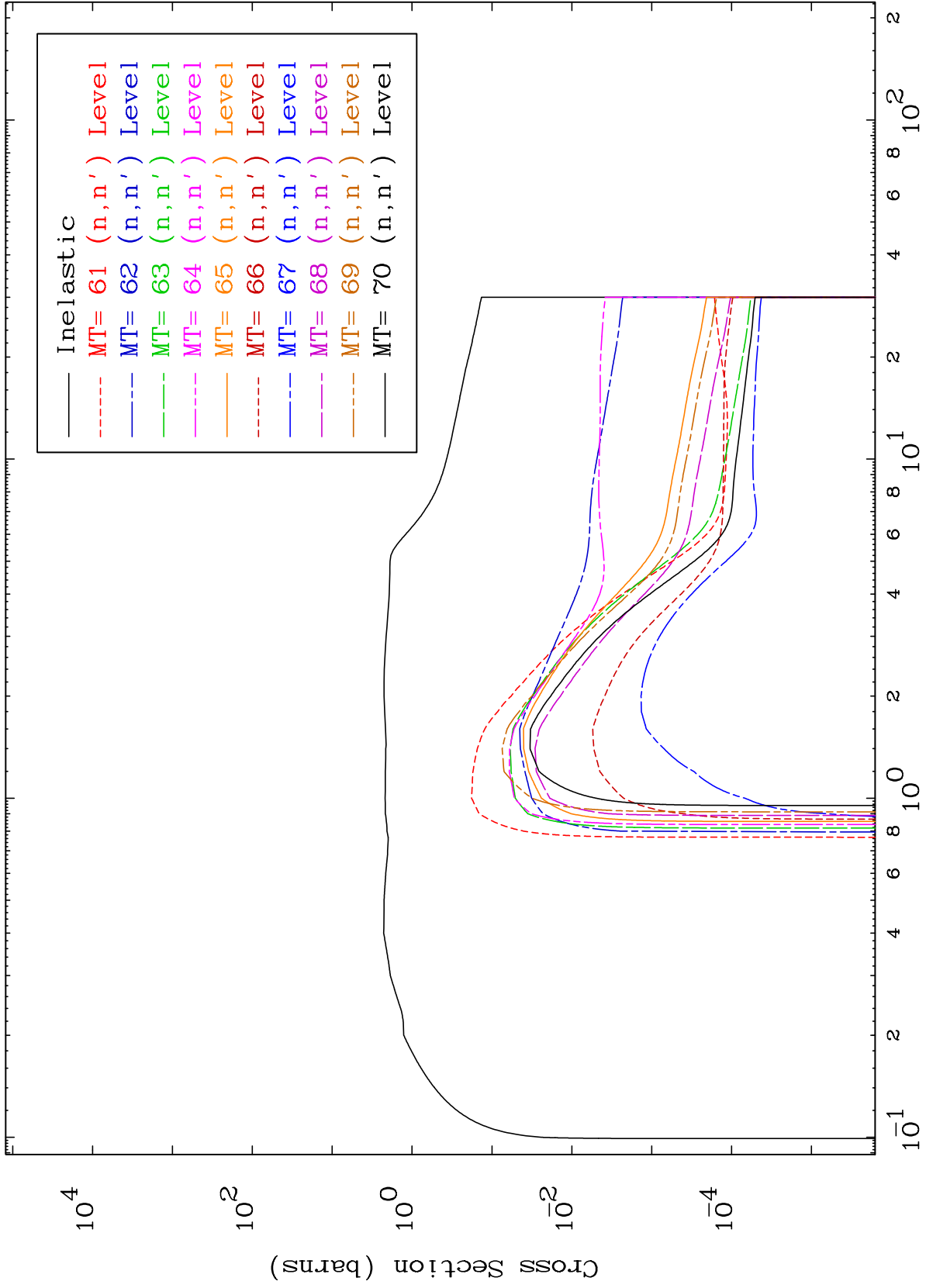
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MAT 4058

(n,n') Levels

40-Zr-101

293 Kelvin Cross Sections



9

Incident Energy (MeV)

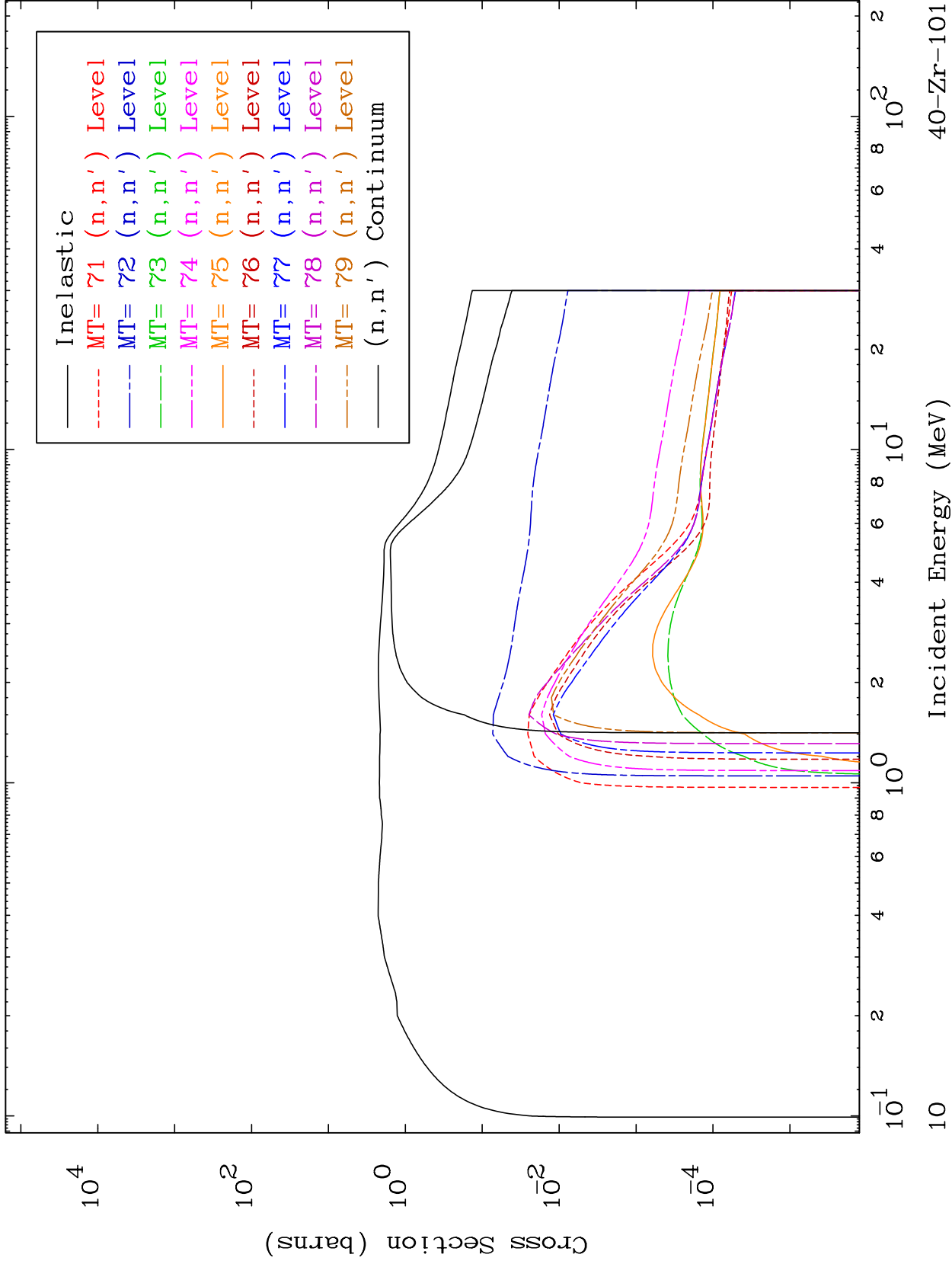
40-Zr-101

MAT 4058

(n,n') Levels

40-Zr-101

293 Kelvin Cross Sections



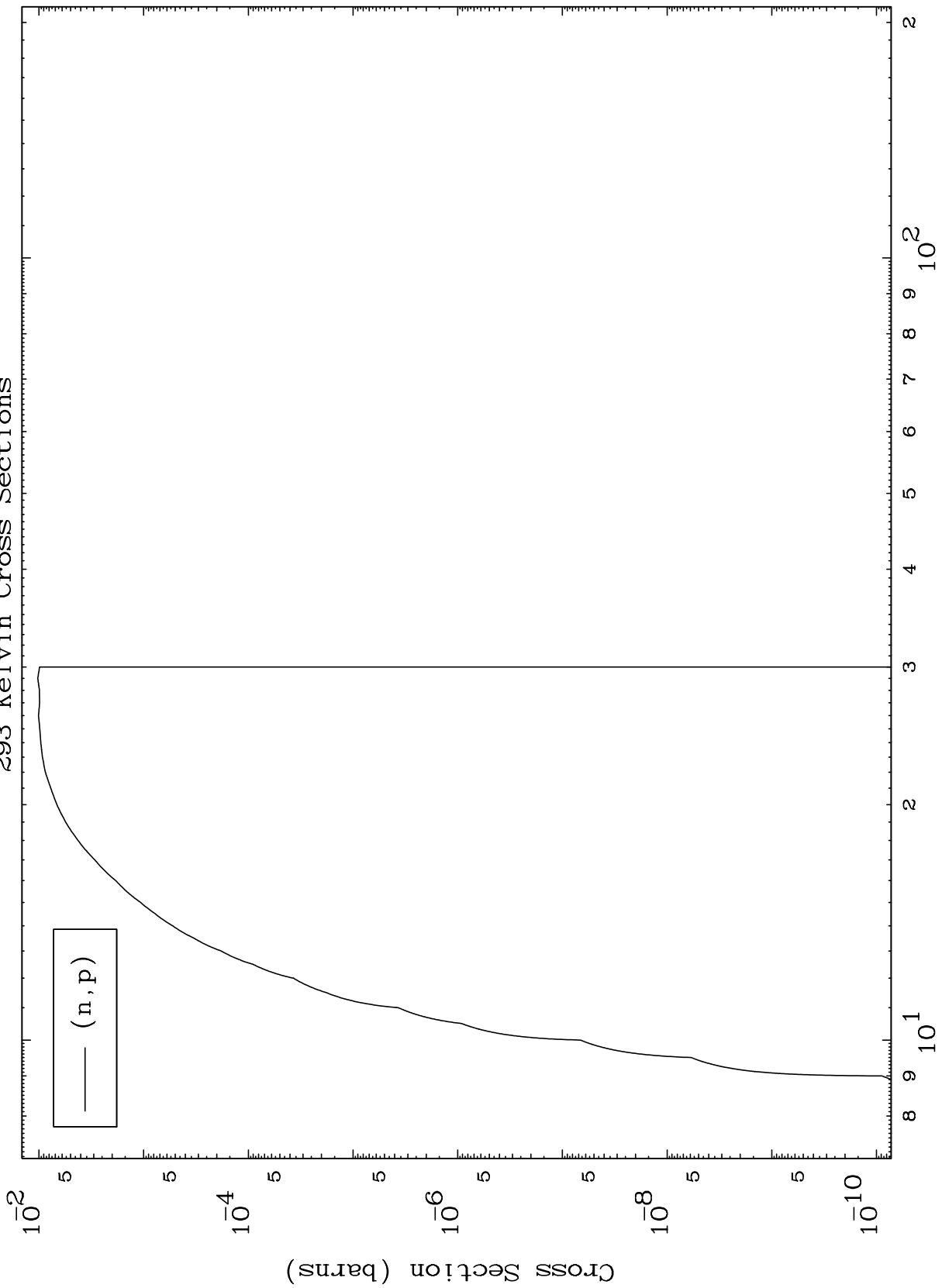
Incident Energy (MeV)

40-Zr-101

MAT 4058

40-Zr-101

(n,p) Levels
293 Kelvin Cross Sections



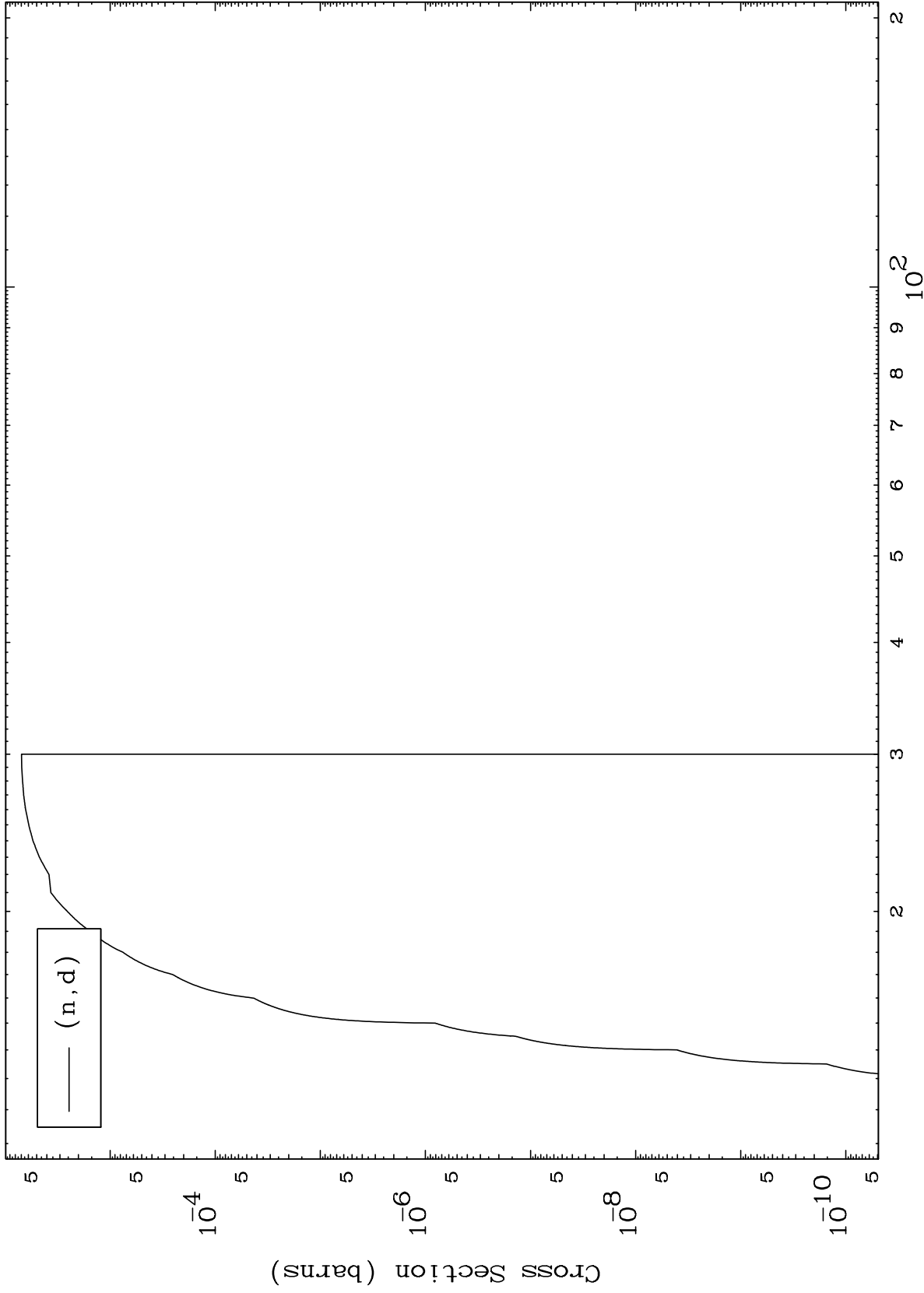
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Incident Energy (MeV)

MAT 4058

40-Zr-101

(n,d) Levels
293 Kelvin Cross Sections



40-Zr-101

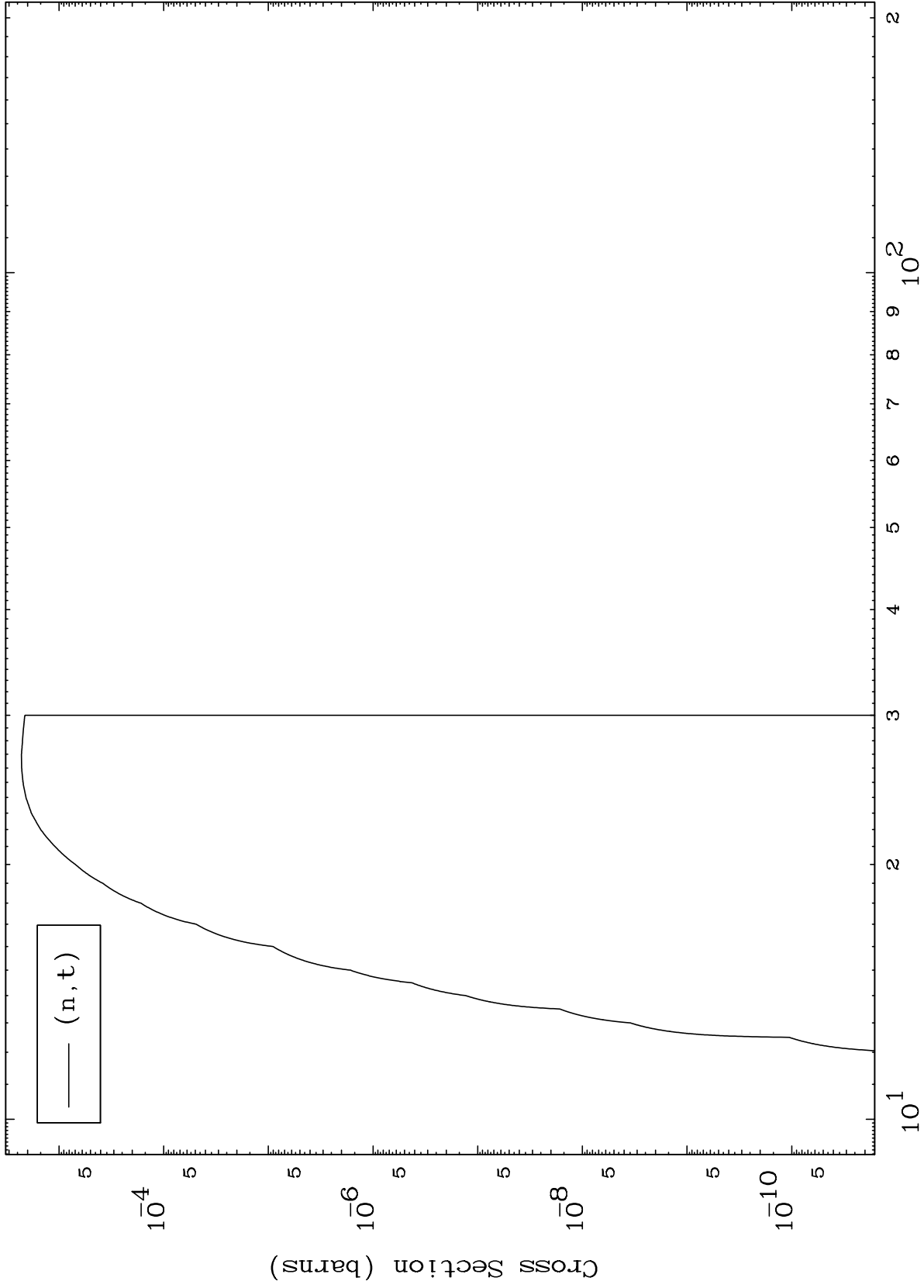
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12

MAT 4058

40-Zr-101

(n,t) Levels
293 Kelvin Cross Sections



40-Zr-101

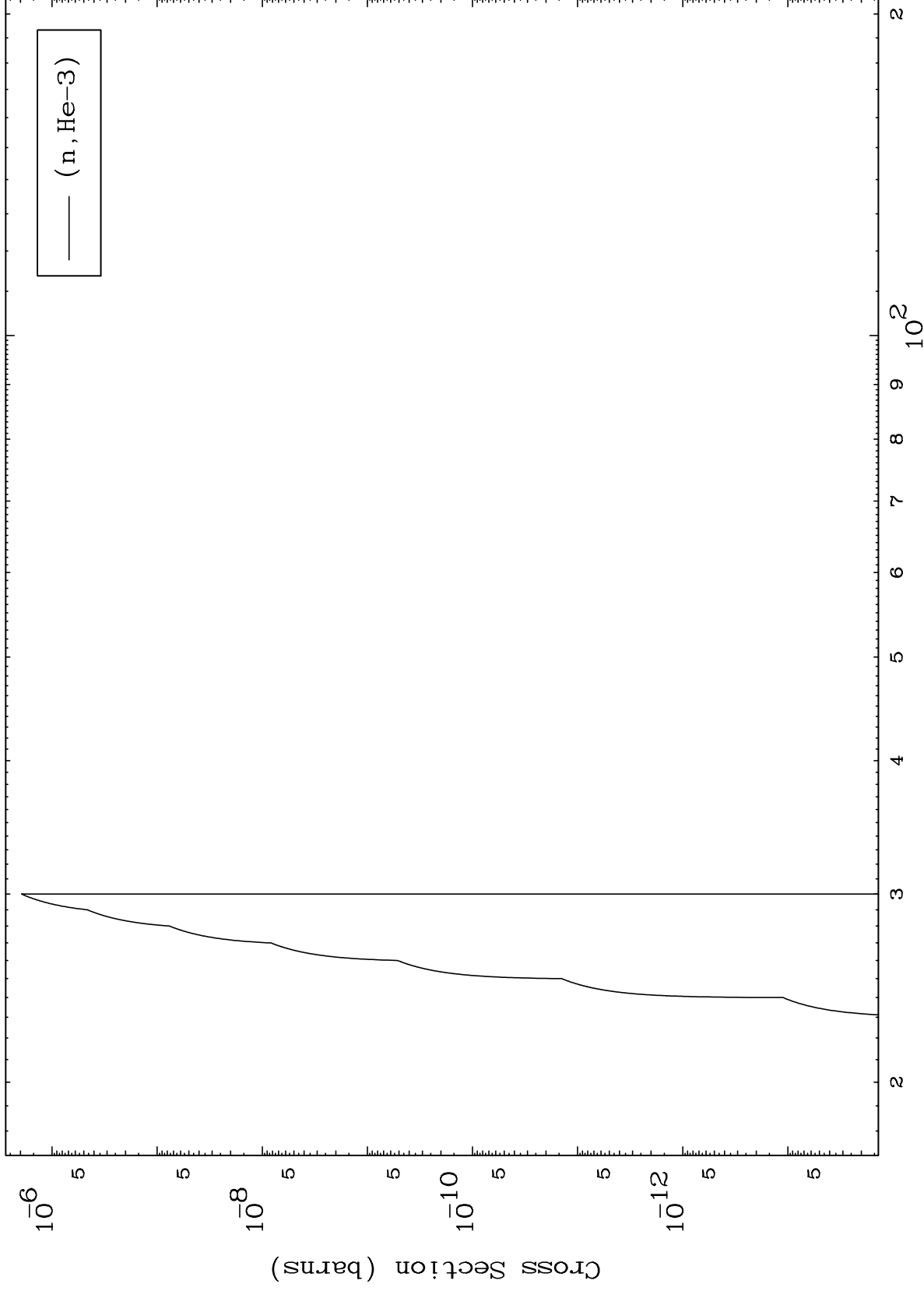
Incident Energy (MeV)

13

MAT 4058

(n,He3) Levels
293 Kelvin Cross Sections

40-Zr-101



14

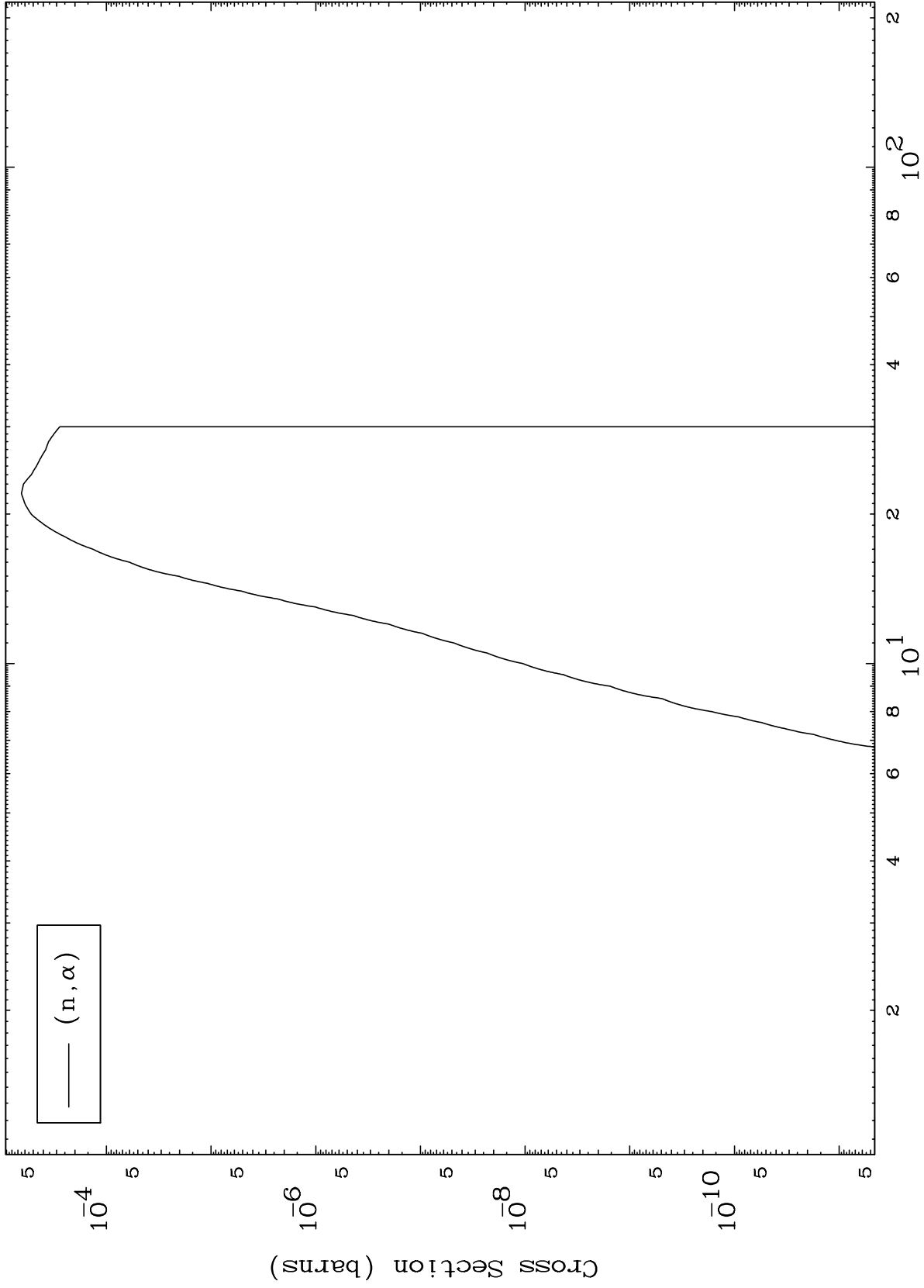
Incident Energy (MeV)

40-Zr-101

MAT 4058

(n, α) Levels
293 Kelvin Cross Sections

40-Zr-101



15

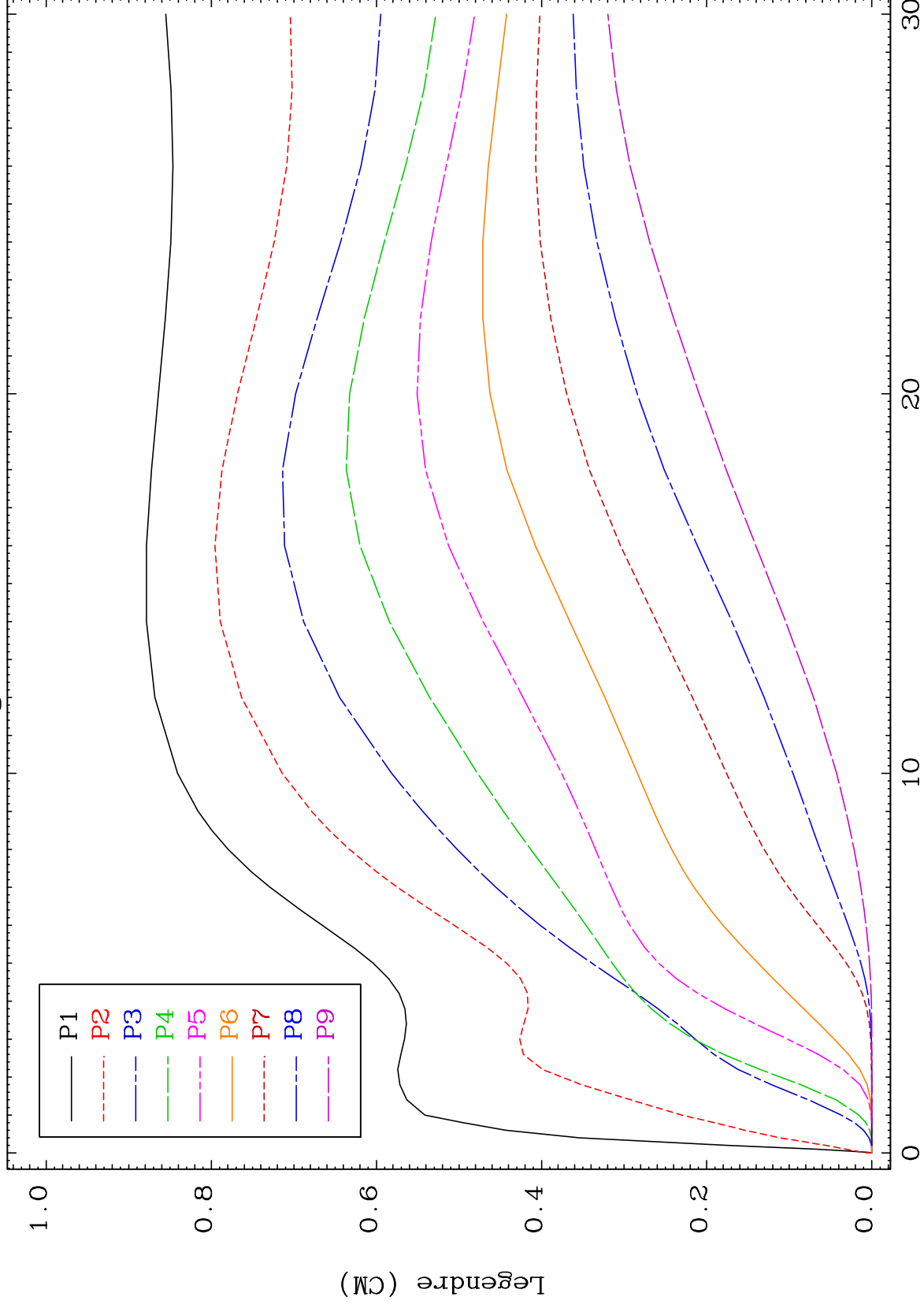
Incident Energy (MeV)

40-Zr-101

MAT 4058

Elastic Legendre Coefficients

40-Zr-101



16

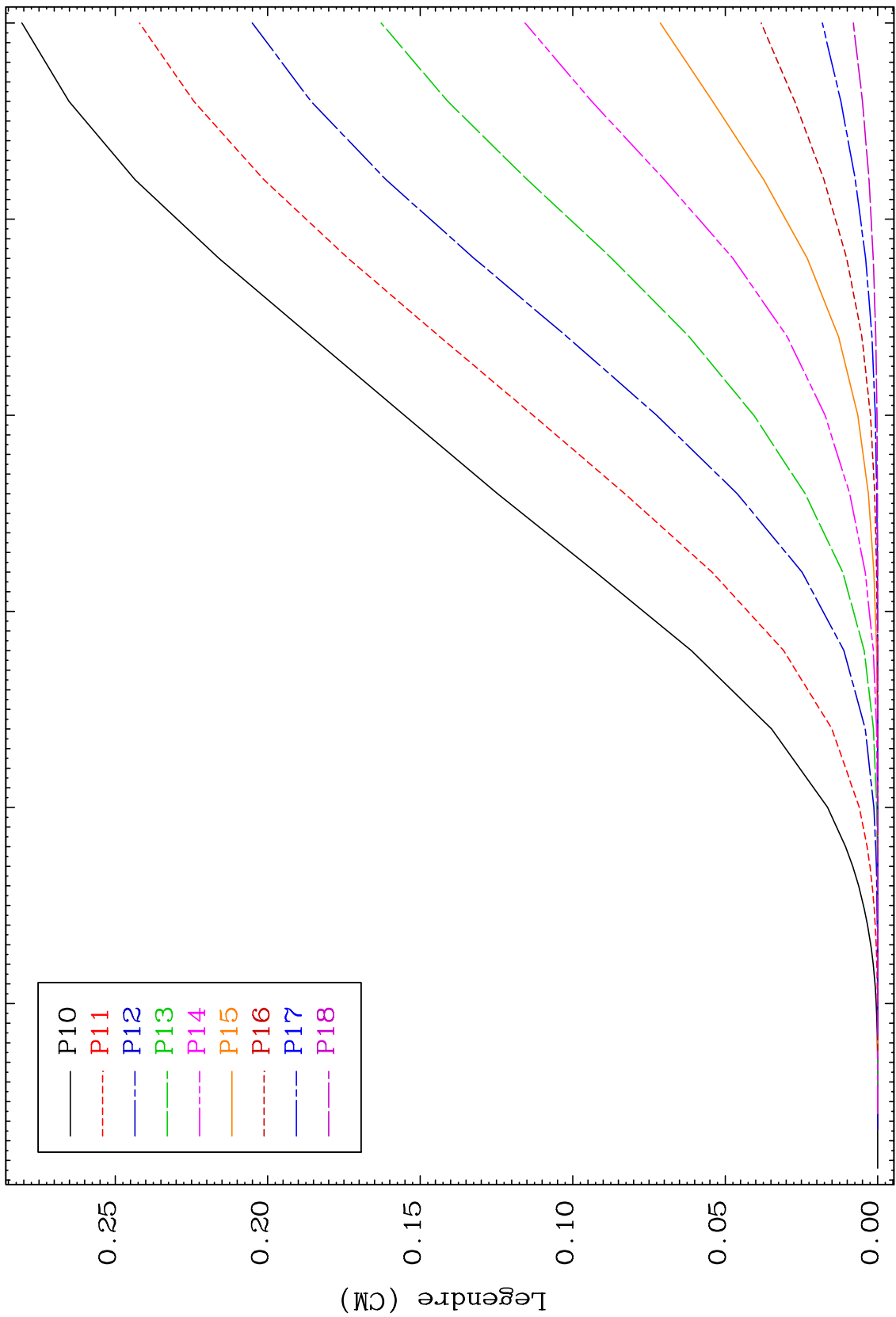
Incident Energy (MeV)

40-Zr-101

MAT 4058

Elastic Legendre Coefficients

40-Zr-101



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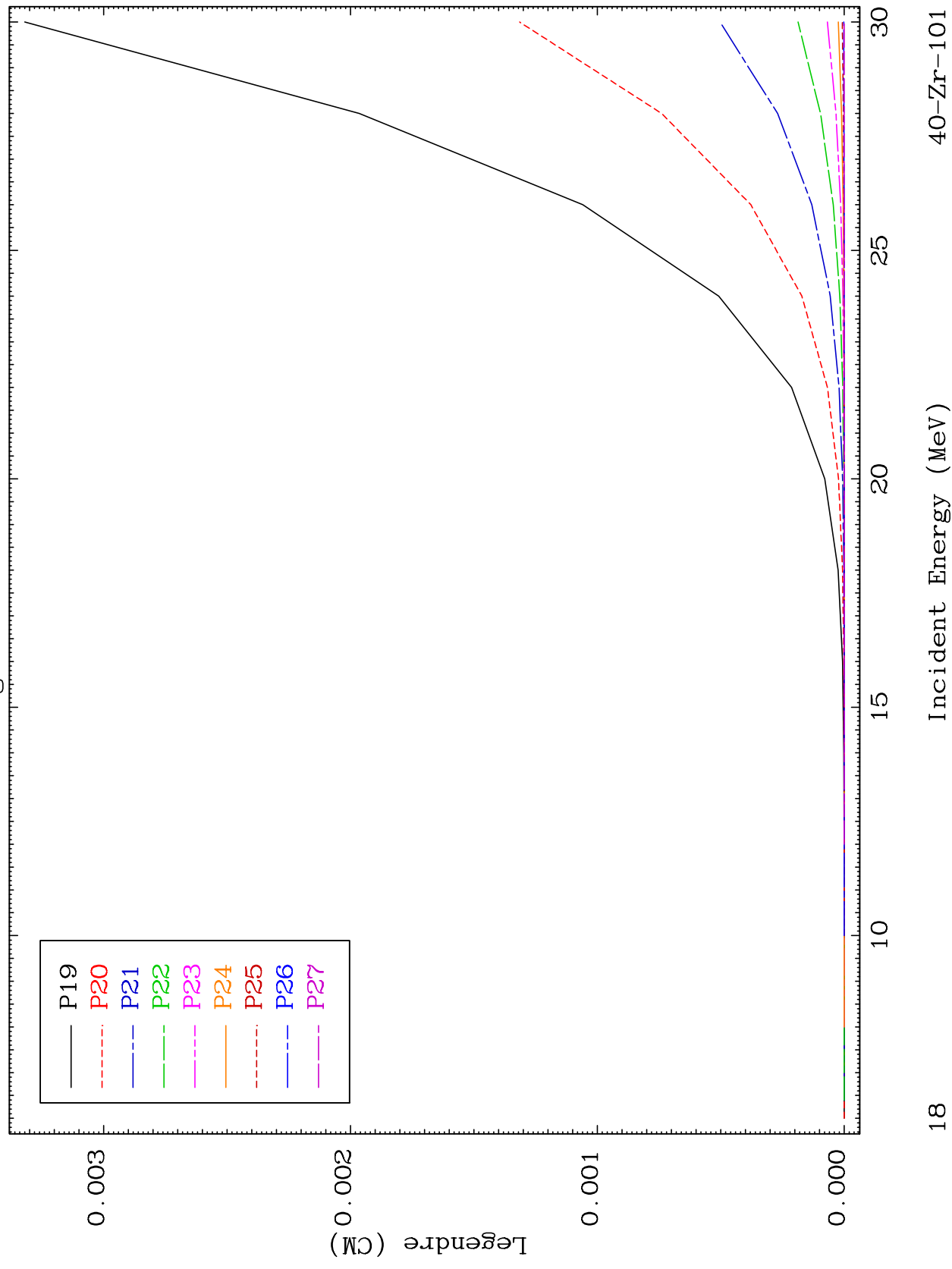
40-Zr-101

Incident Energy (MeV)

MAT 4058

Elastic Legendre Coefficients

40-Zr-101



18

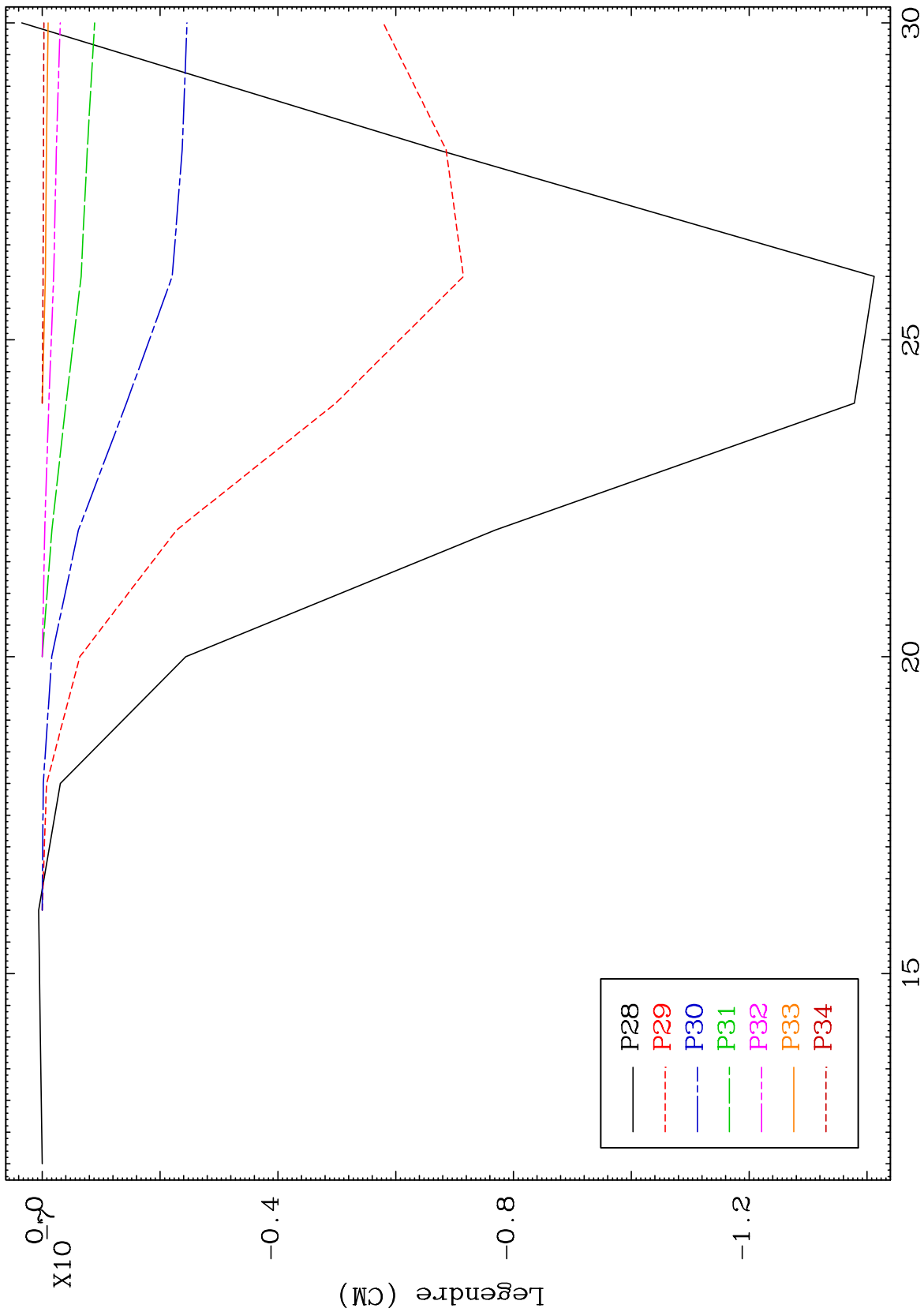
40-Zr-101

Incident Energy (MeV)

MAT 4058

40-Zr-101

Elastic Legendre Coefficients



19

Incident Energy (MeV)

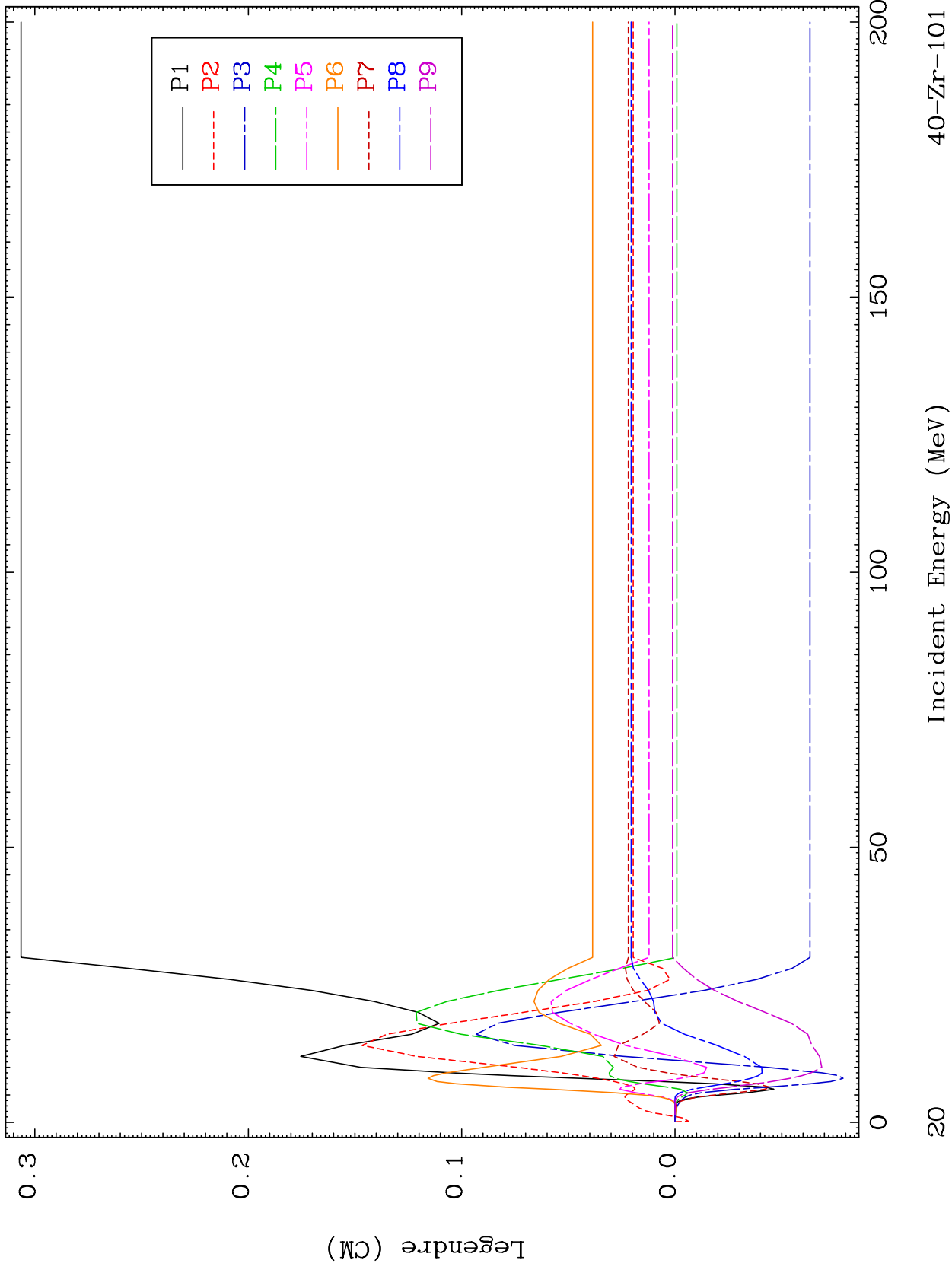
40-Zr-101

MAT 4058

MT= 51 (n,n') Level

40-Zr-101

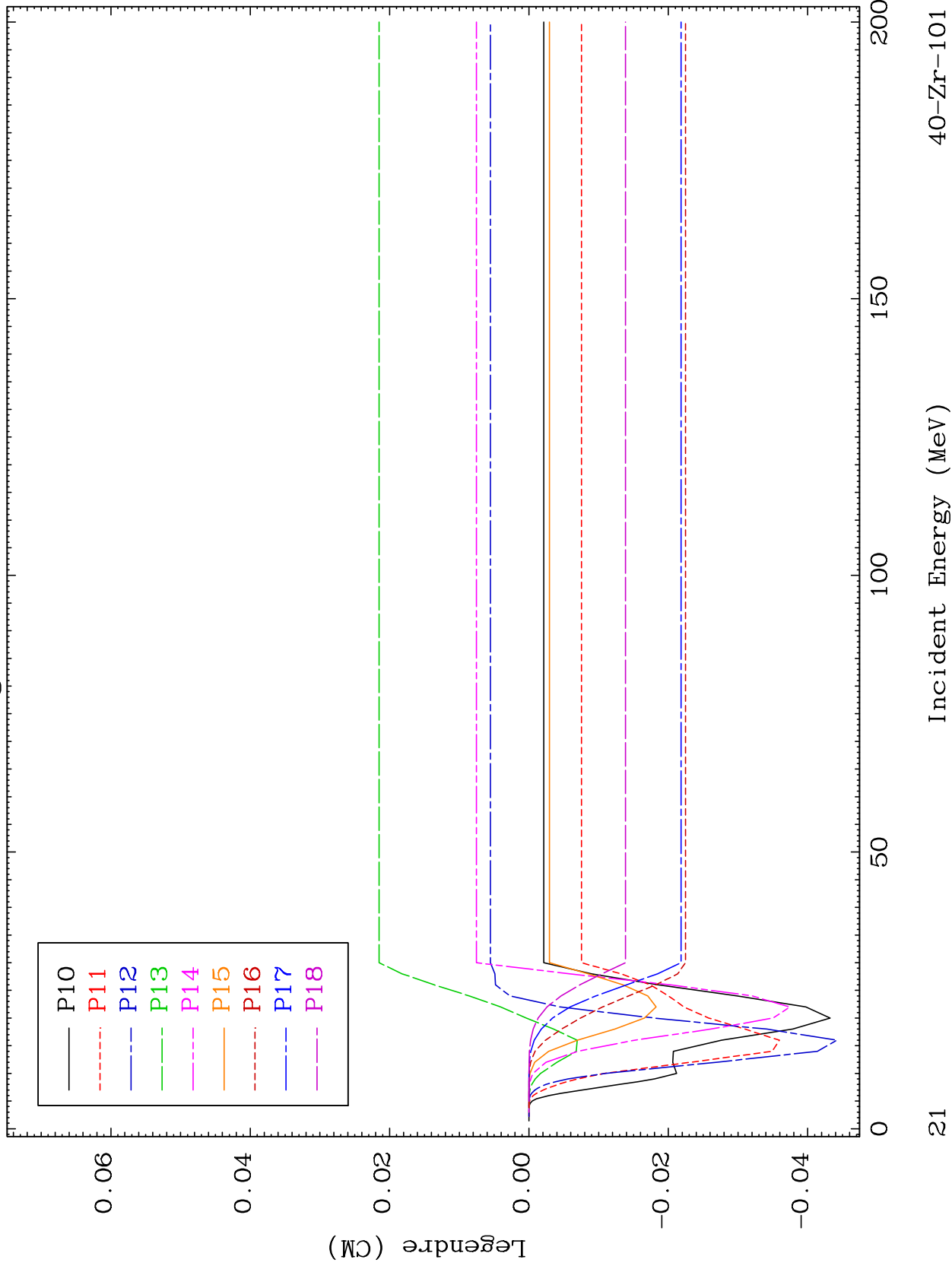
Legendre Coefficients



MAT 4058

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

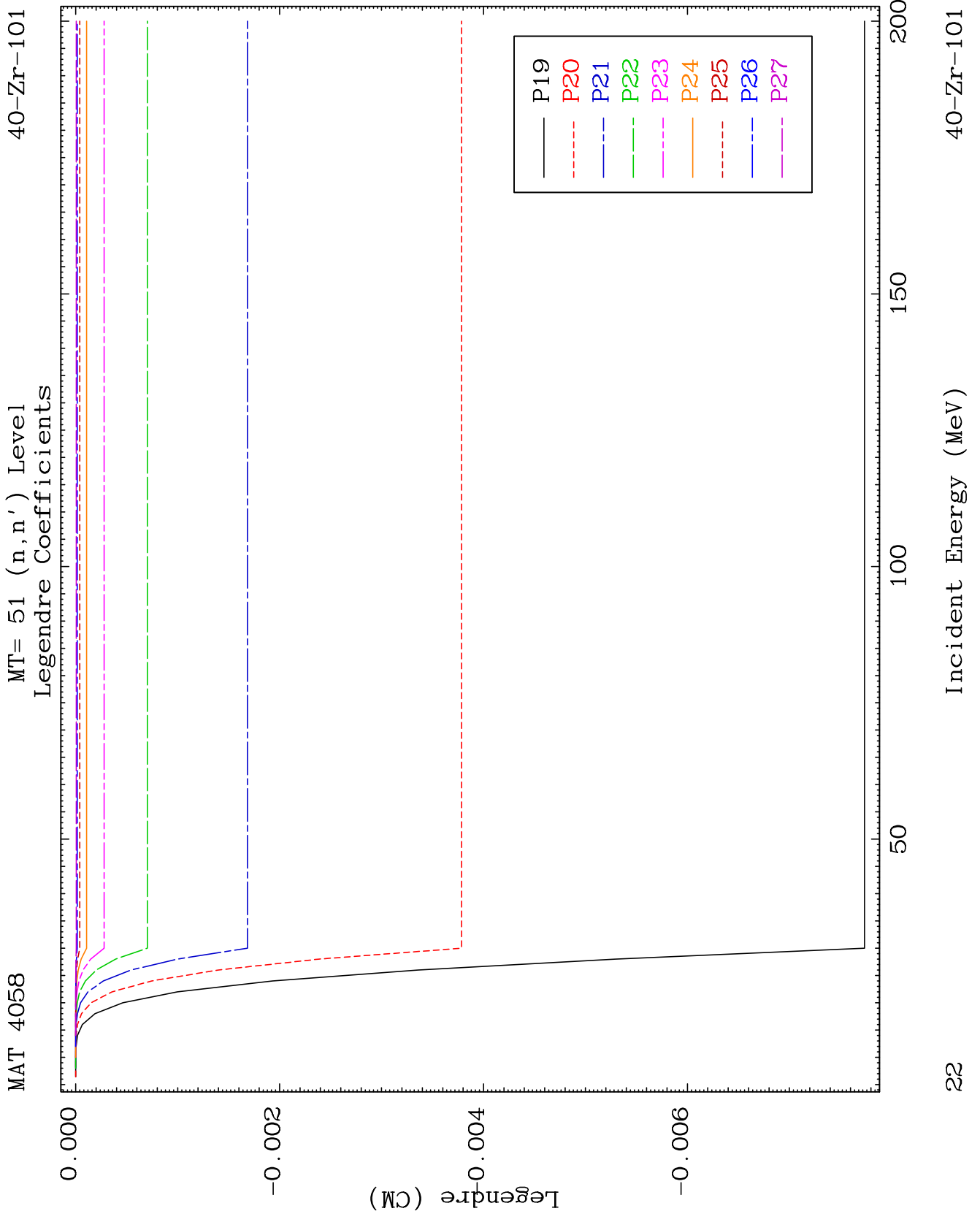
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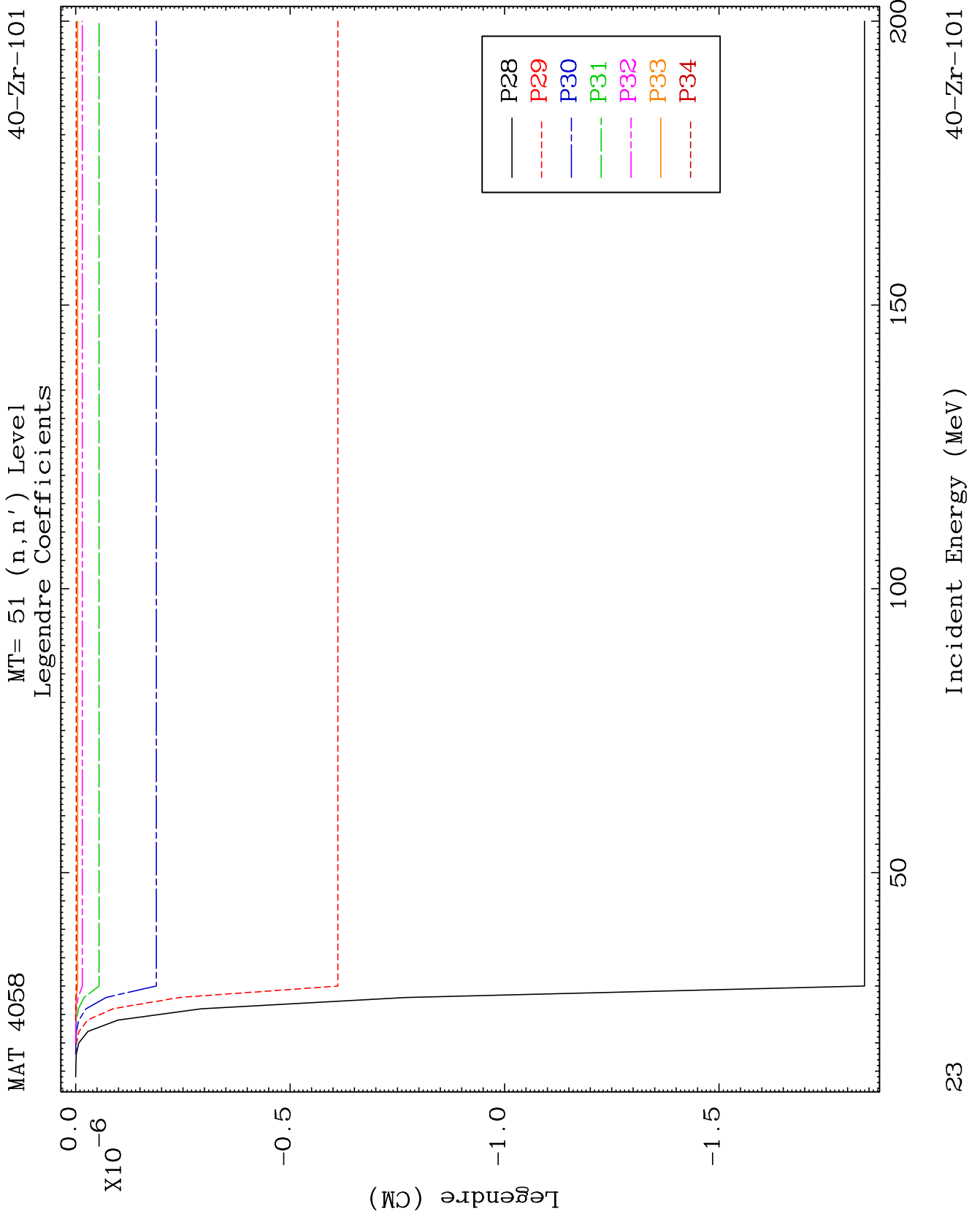


21

Incident Energy (MeV)

40-Zr-101

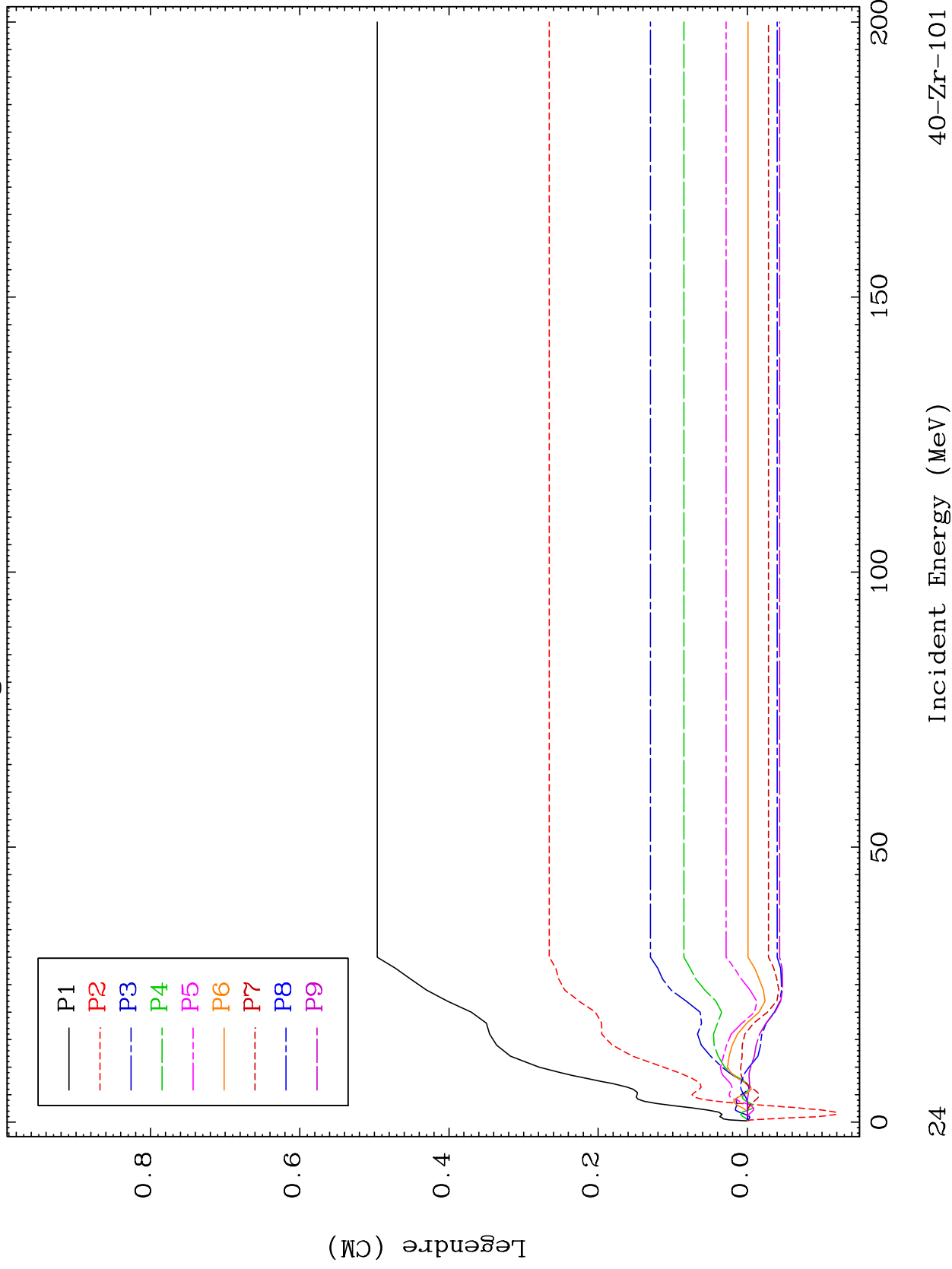




MAT 4058

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

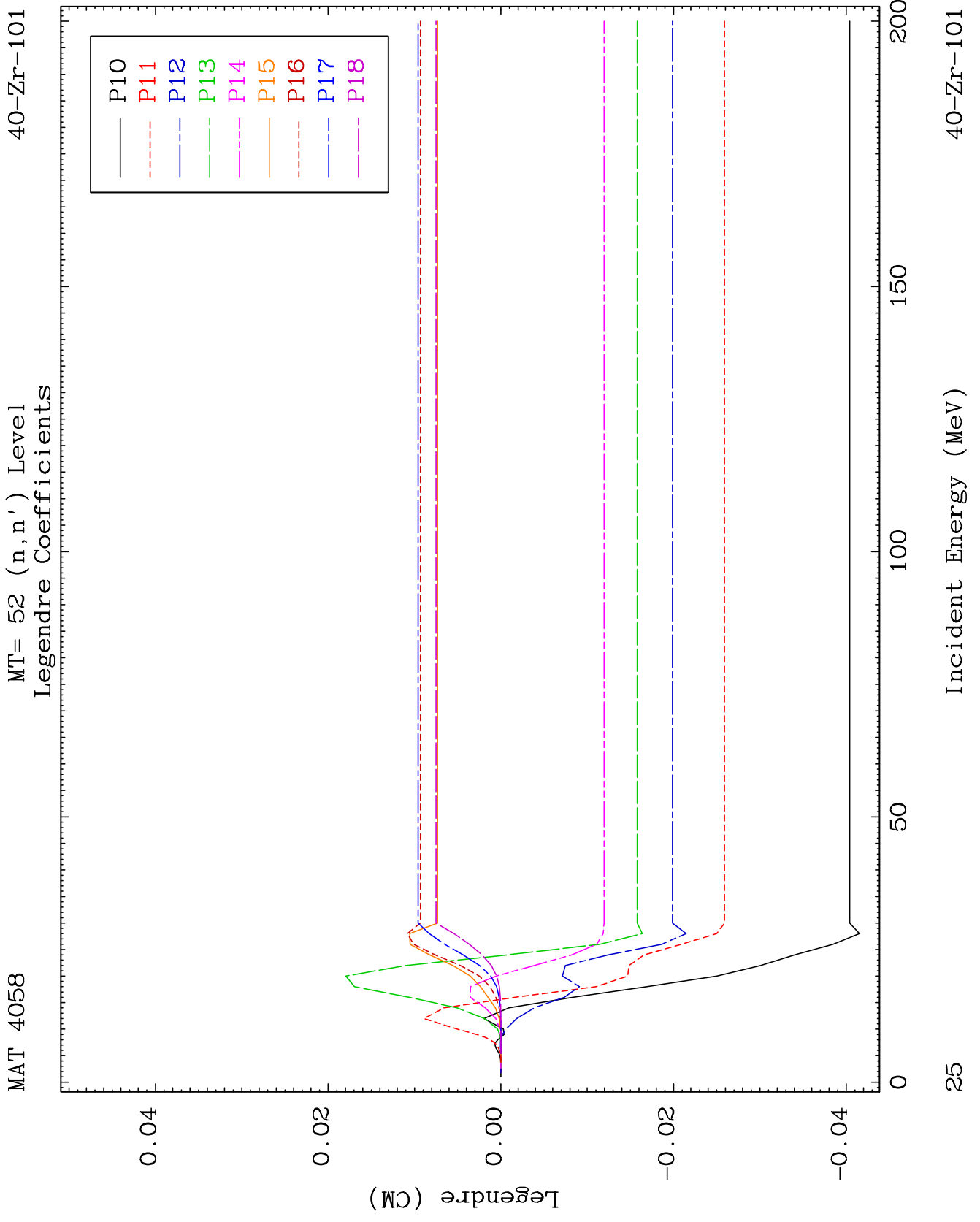
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24

Incident Energy (MeV)

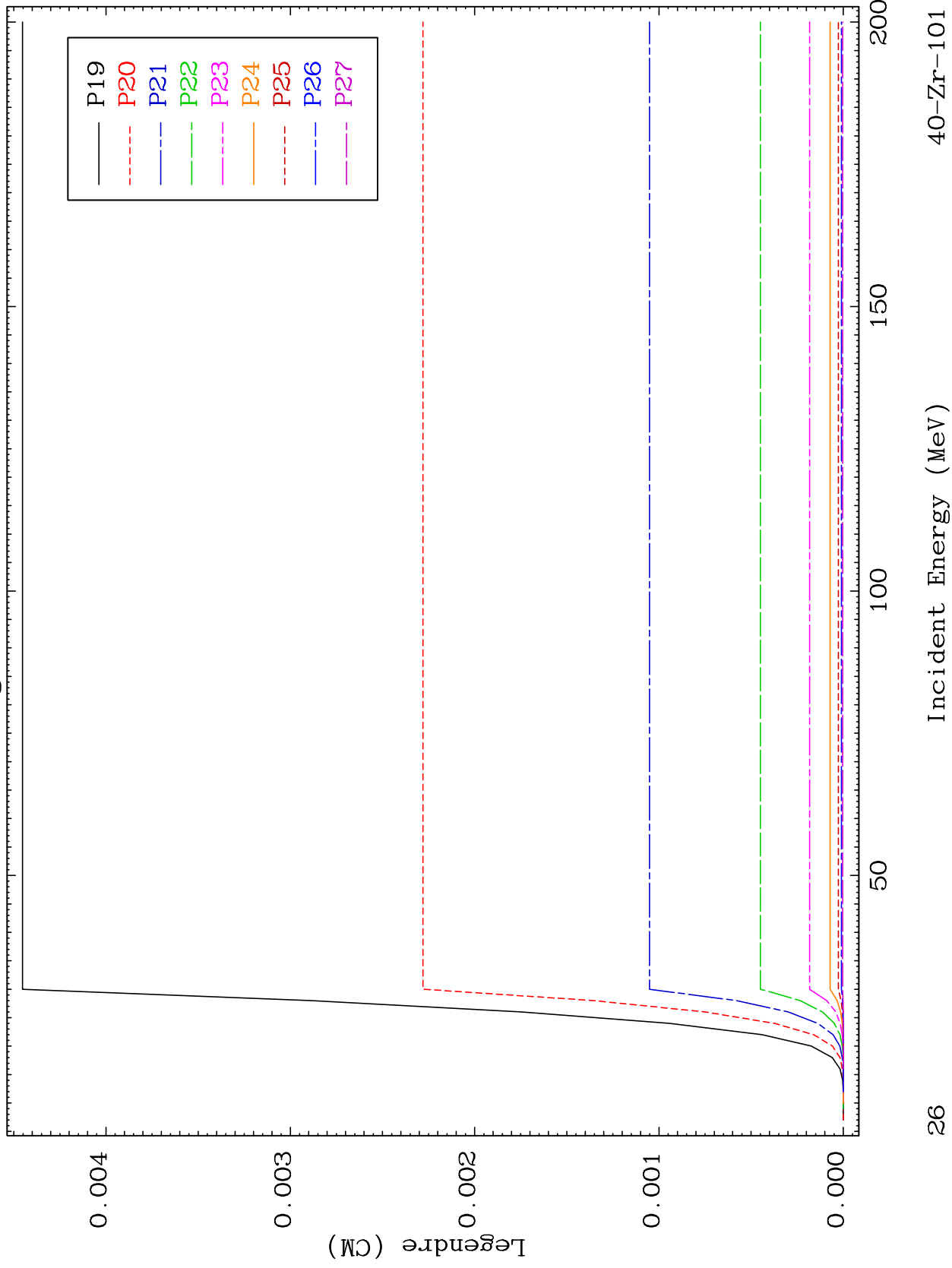
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MAT 4058

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

40-Zr-101



26

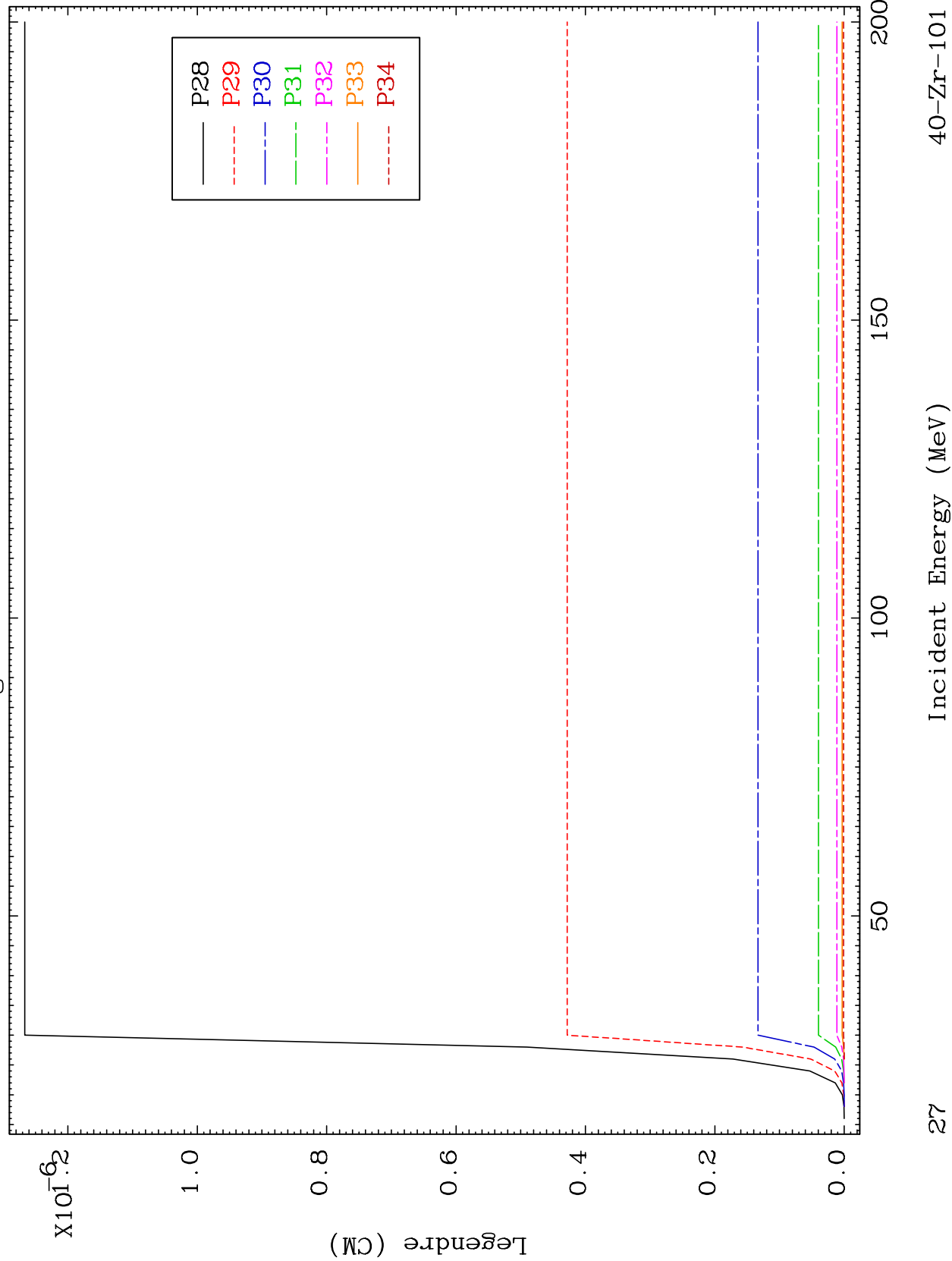
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

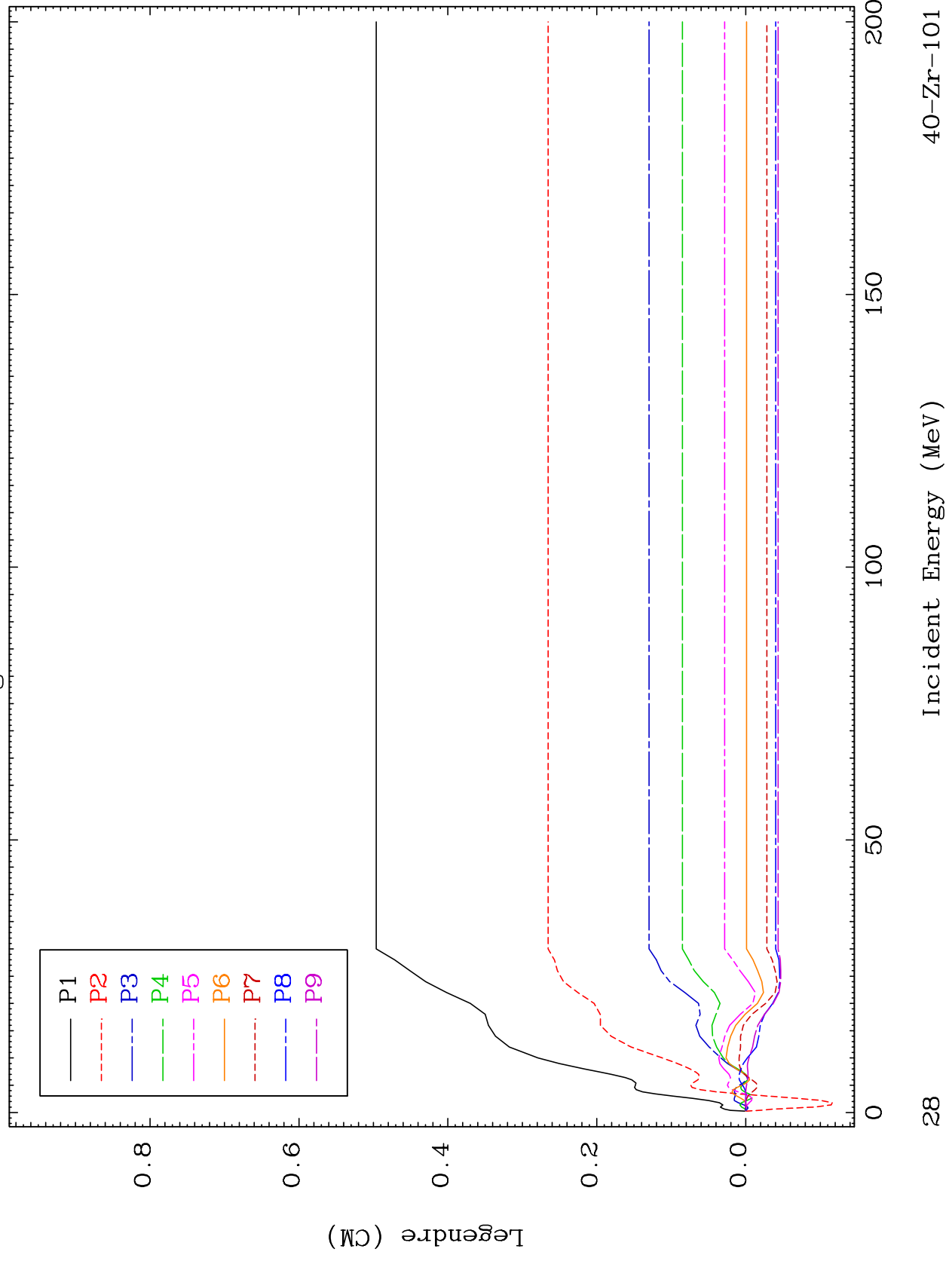
40-Zr-101



MAT 4058

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

40-Zr-101



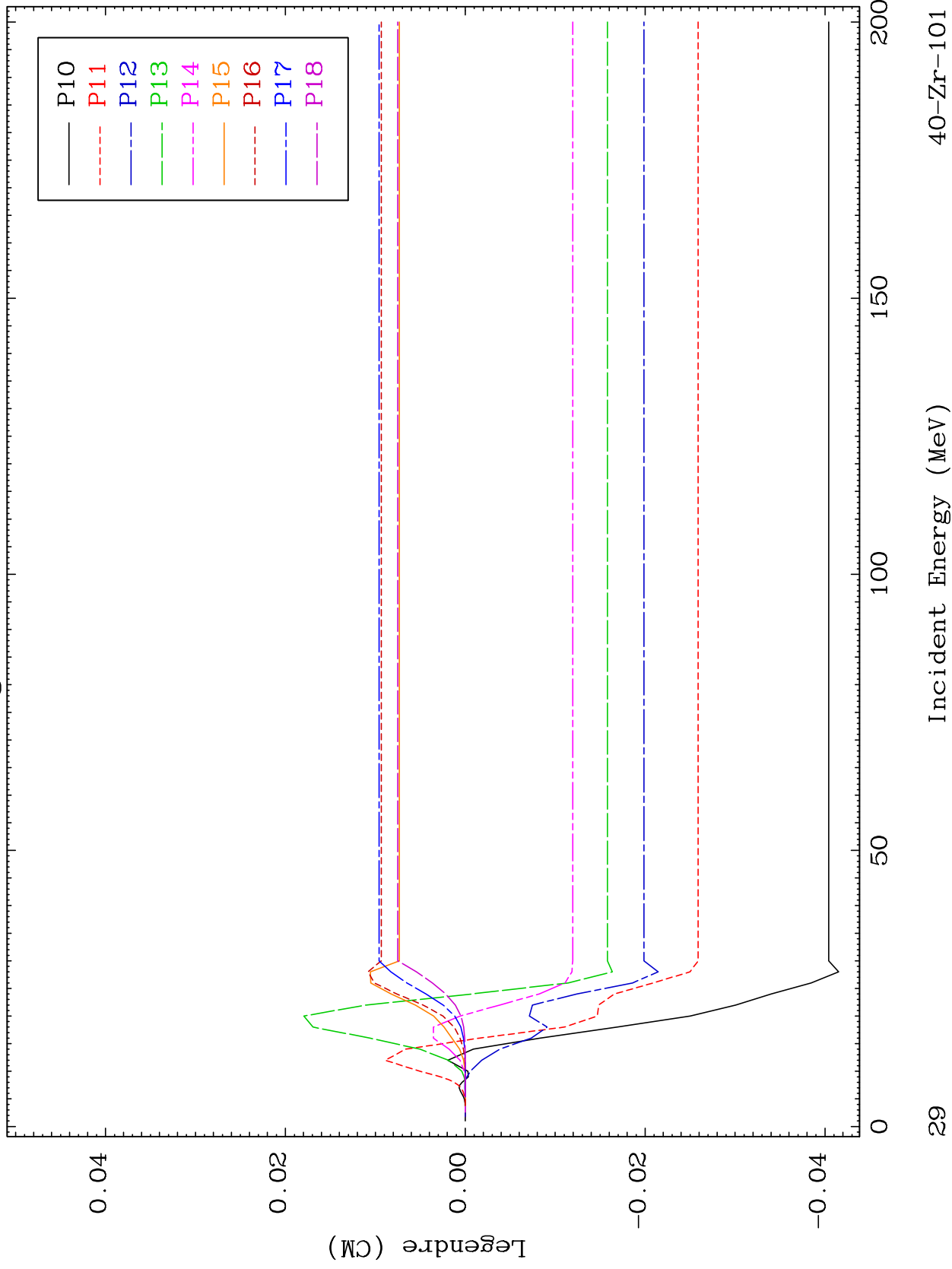
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40-Zr-101

MAT 4058

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

40-Zr-101



29

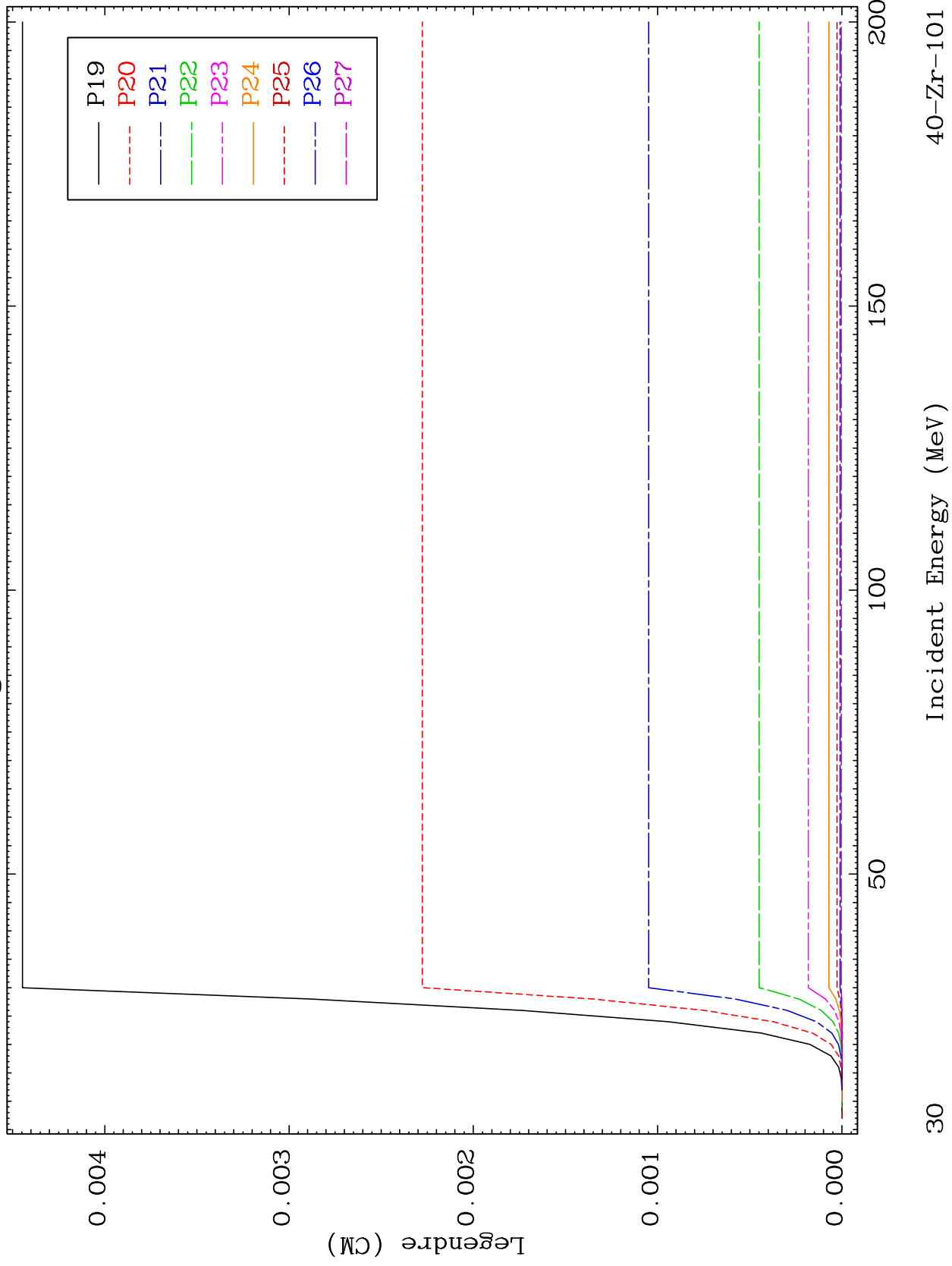
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

40-Zr-101



40-Zr-101

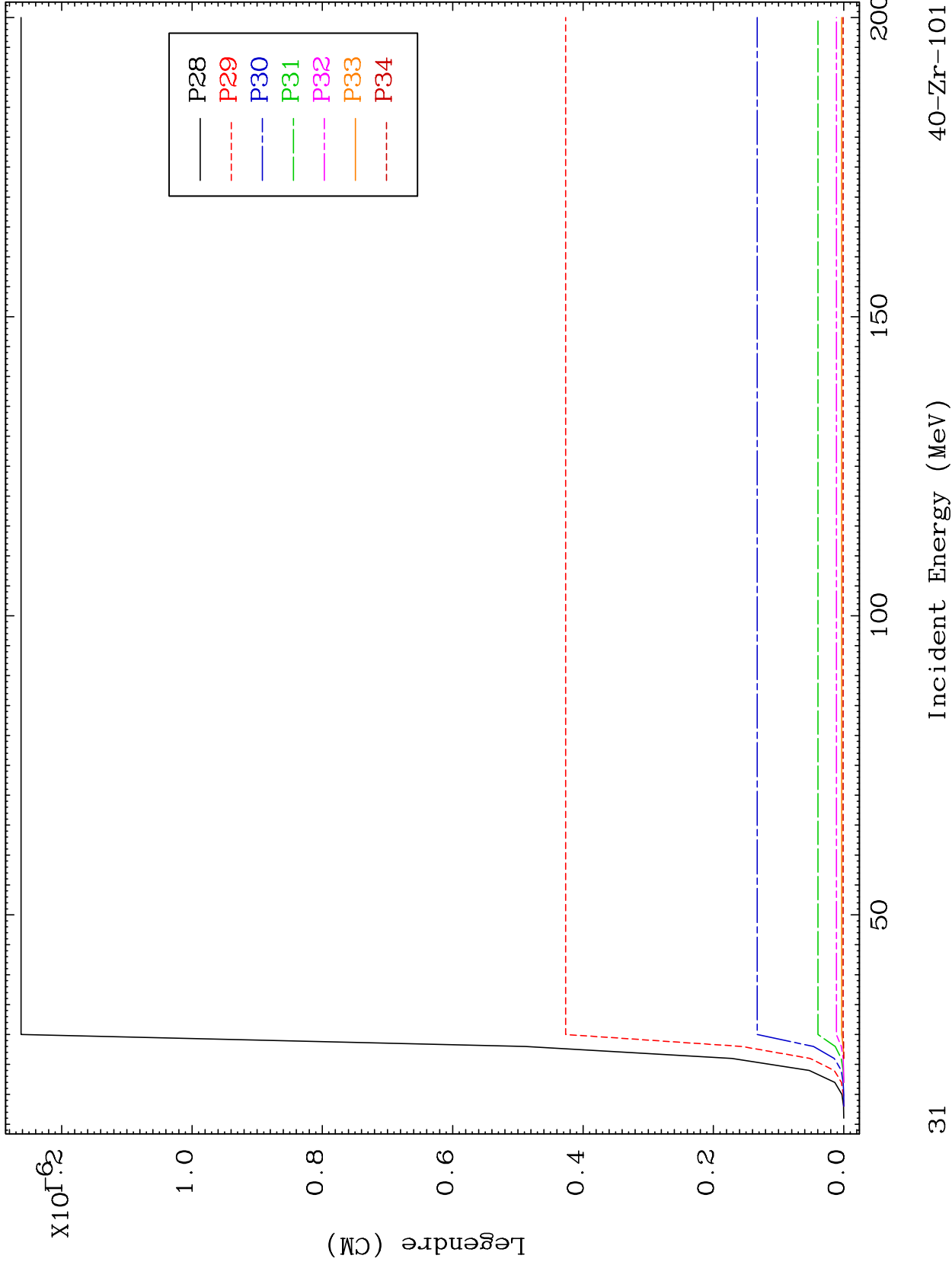
Incident Energy (MeV)

30

MAT 4058

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

40-Zr-101



31

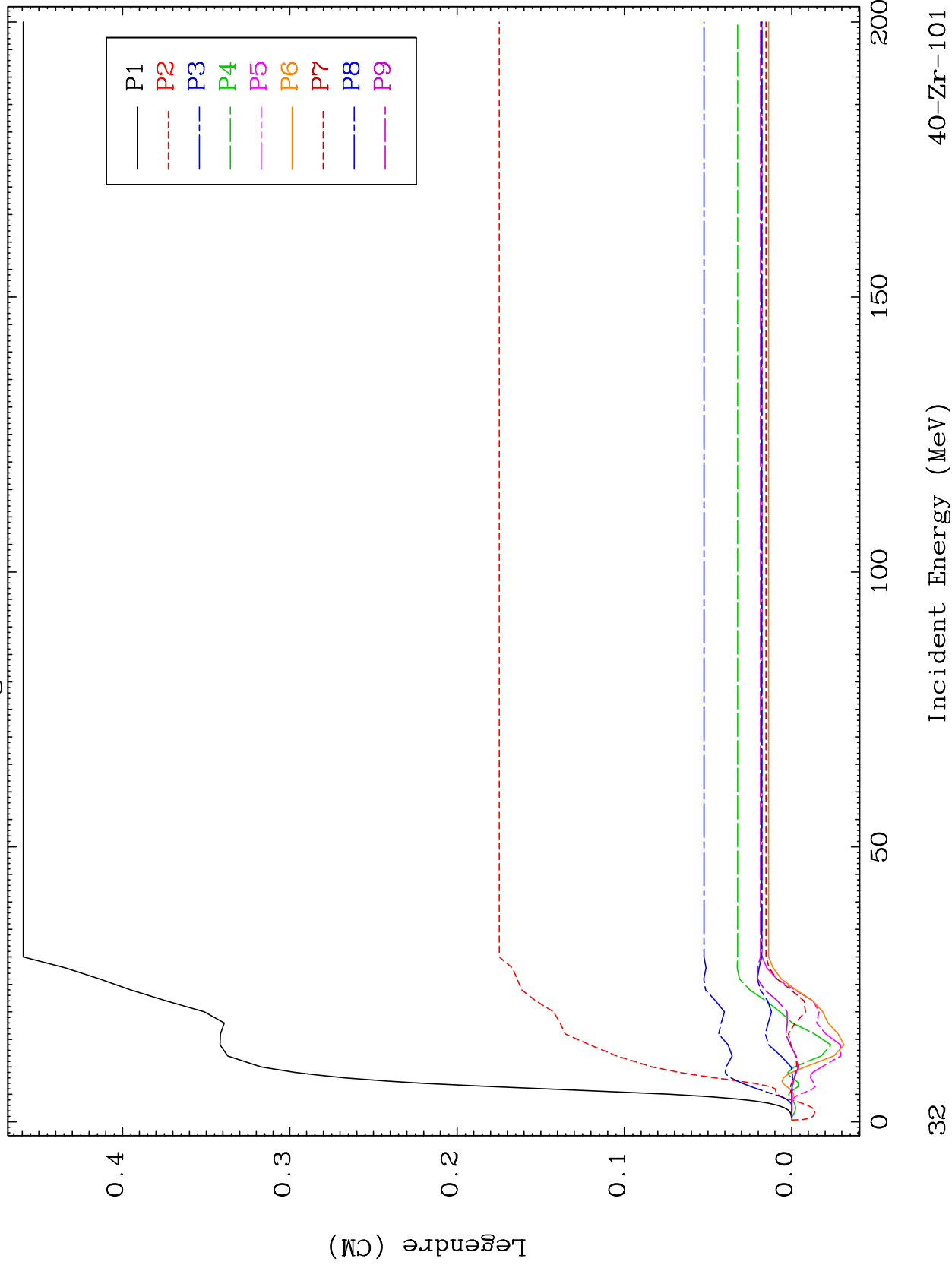
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

40-Zr-101



32

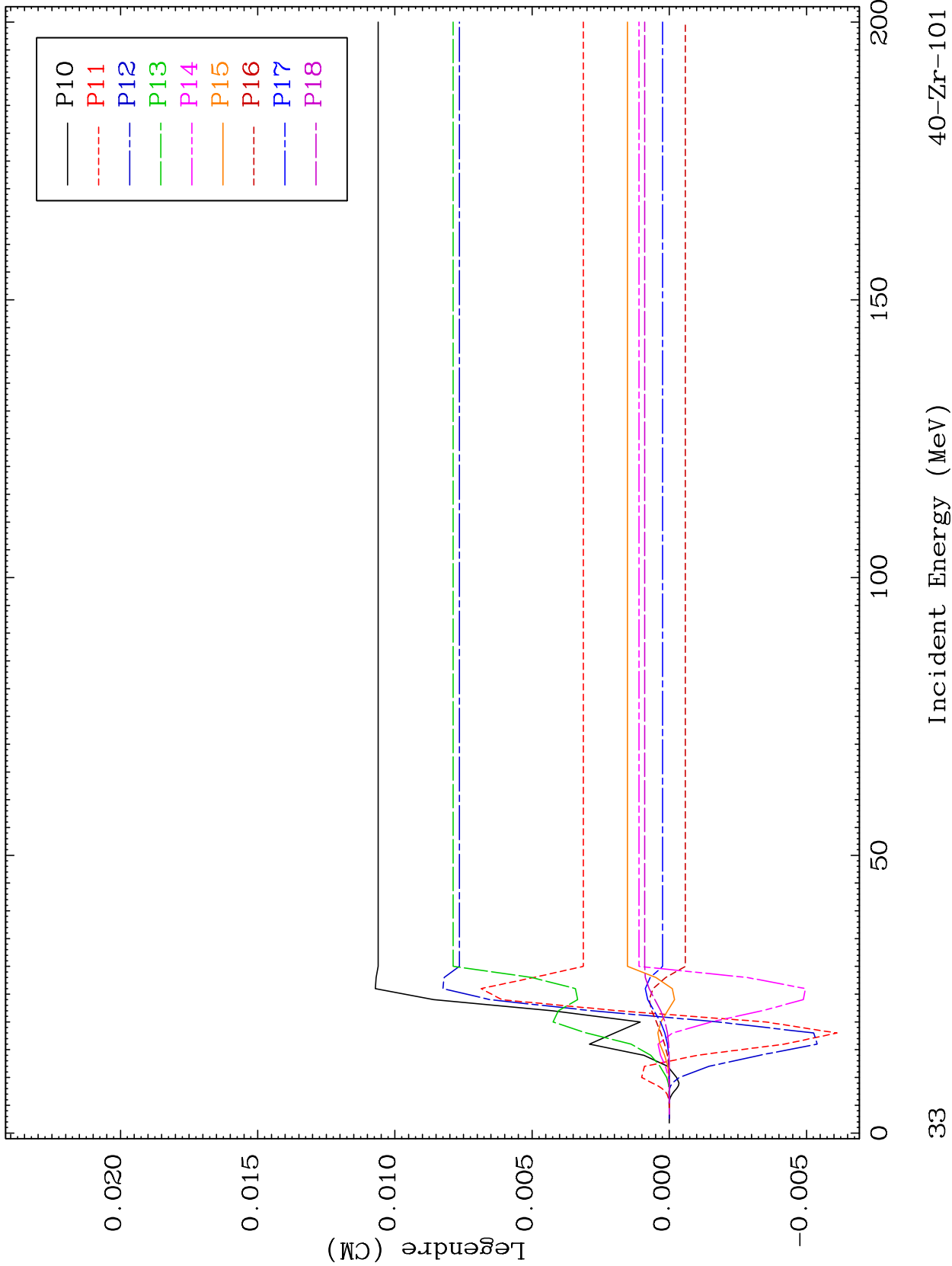
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

40-Zr-101



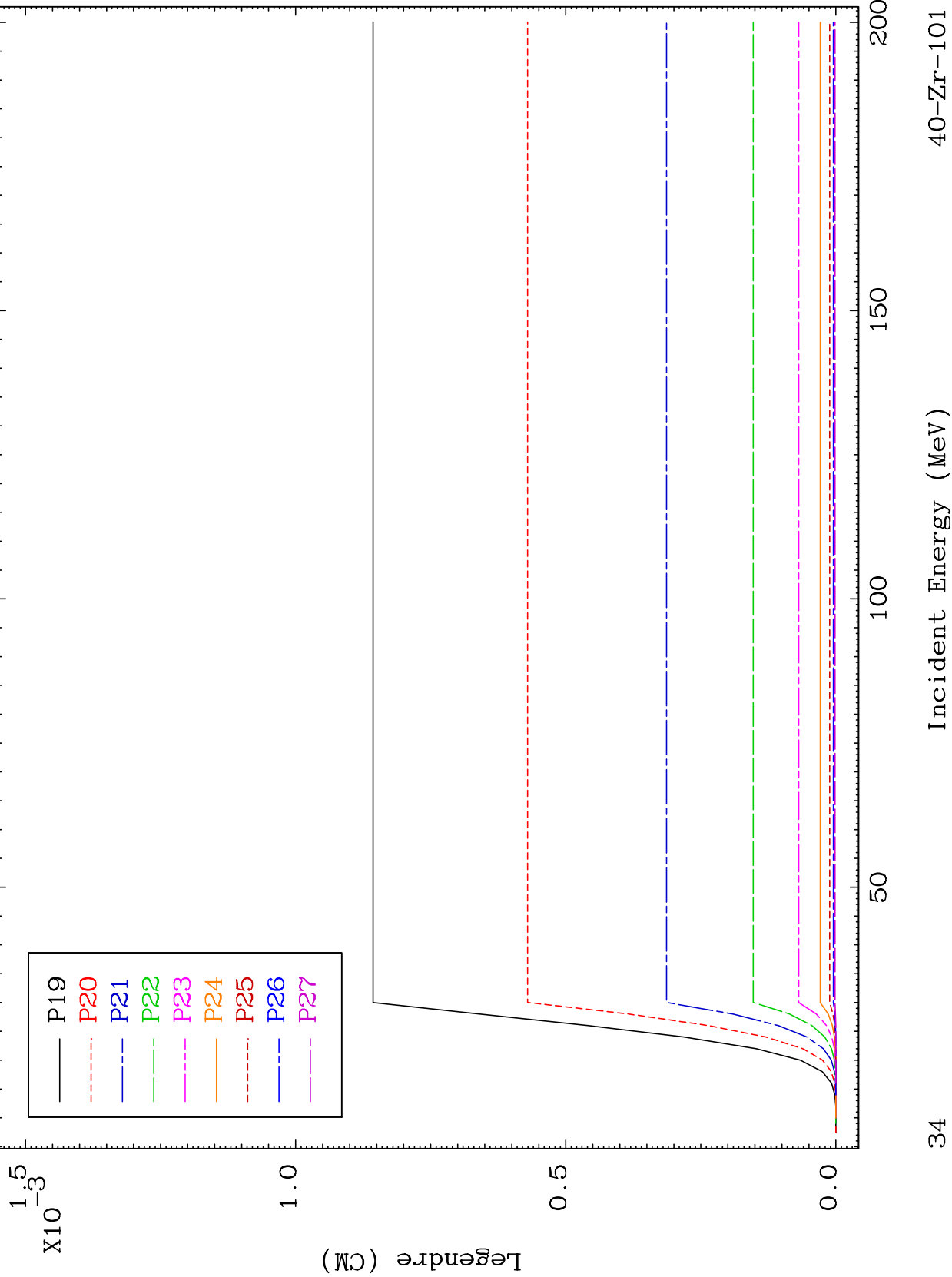
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40-Zr-101

MAT 4058

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

40-Zr-101

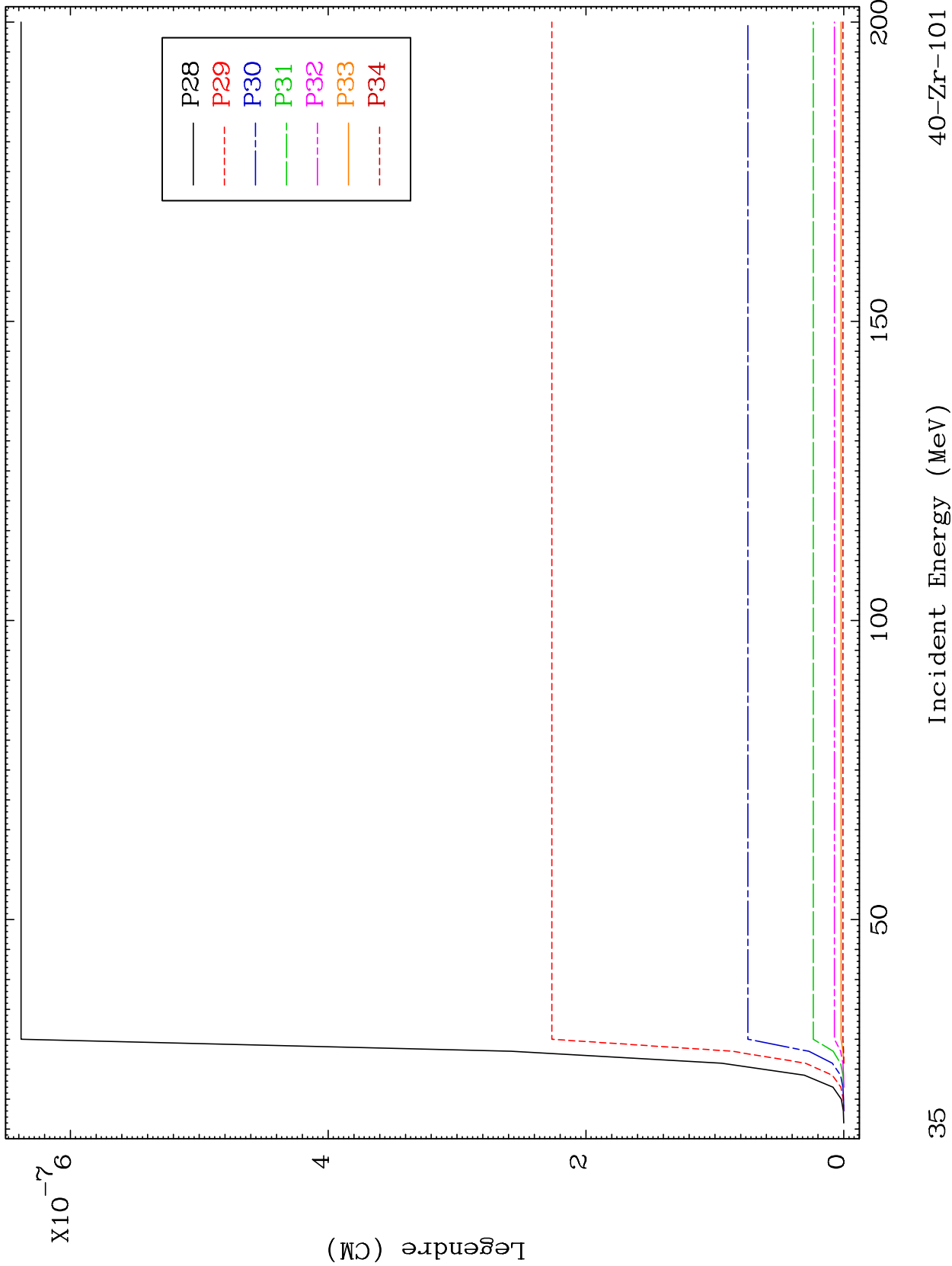


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MAT 4058

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

40-Zr-101



35

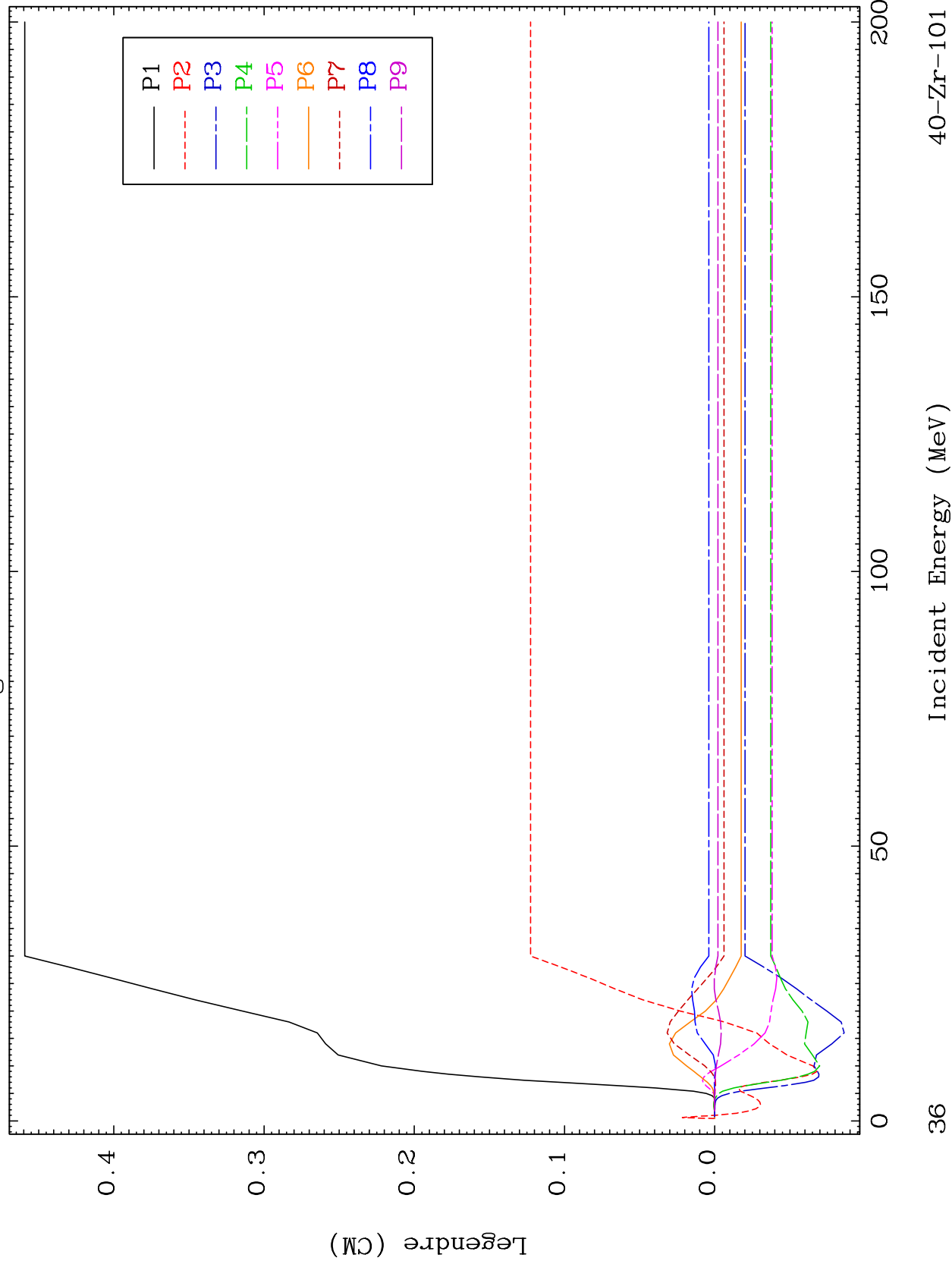
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

40-Zr-101



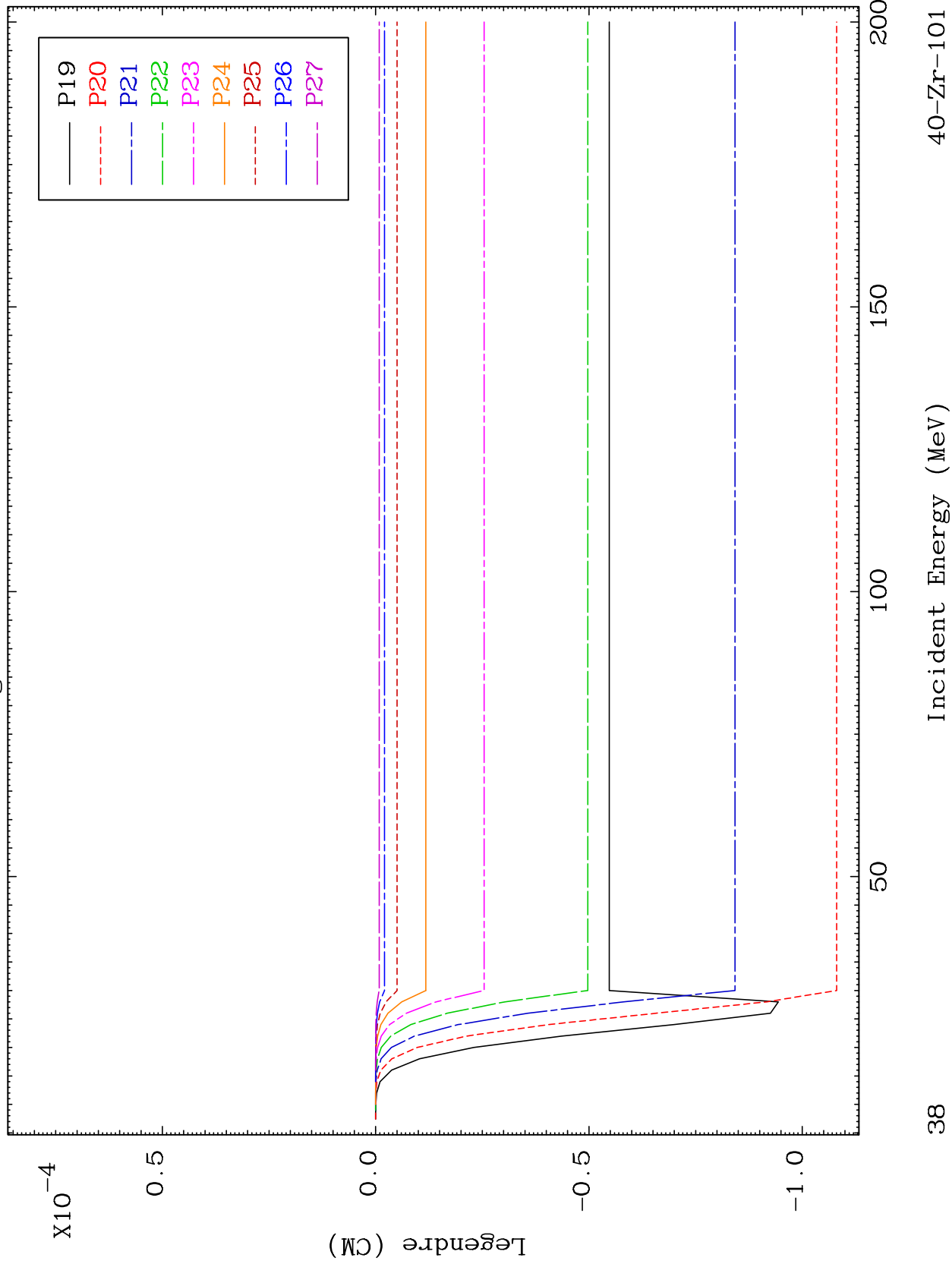
36

40-Zr-101

MAT 4058

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

40-Zr-101



38

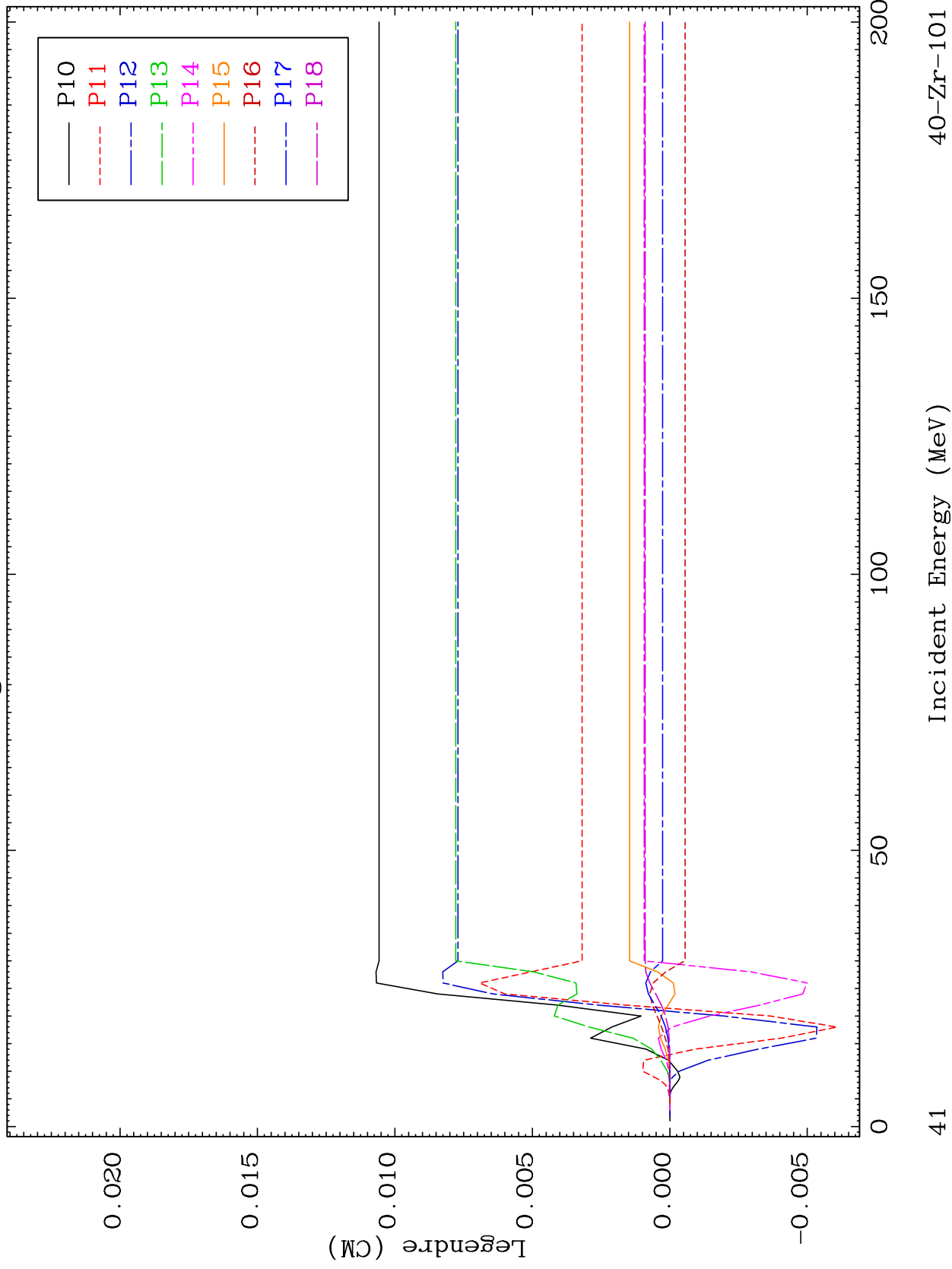
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

40-Zr-101



41

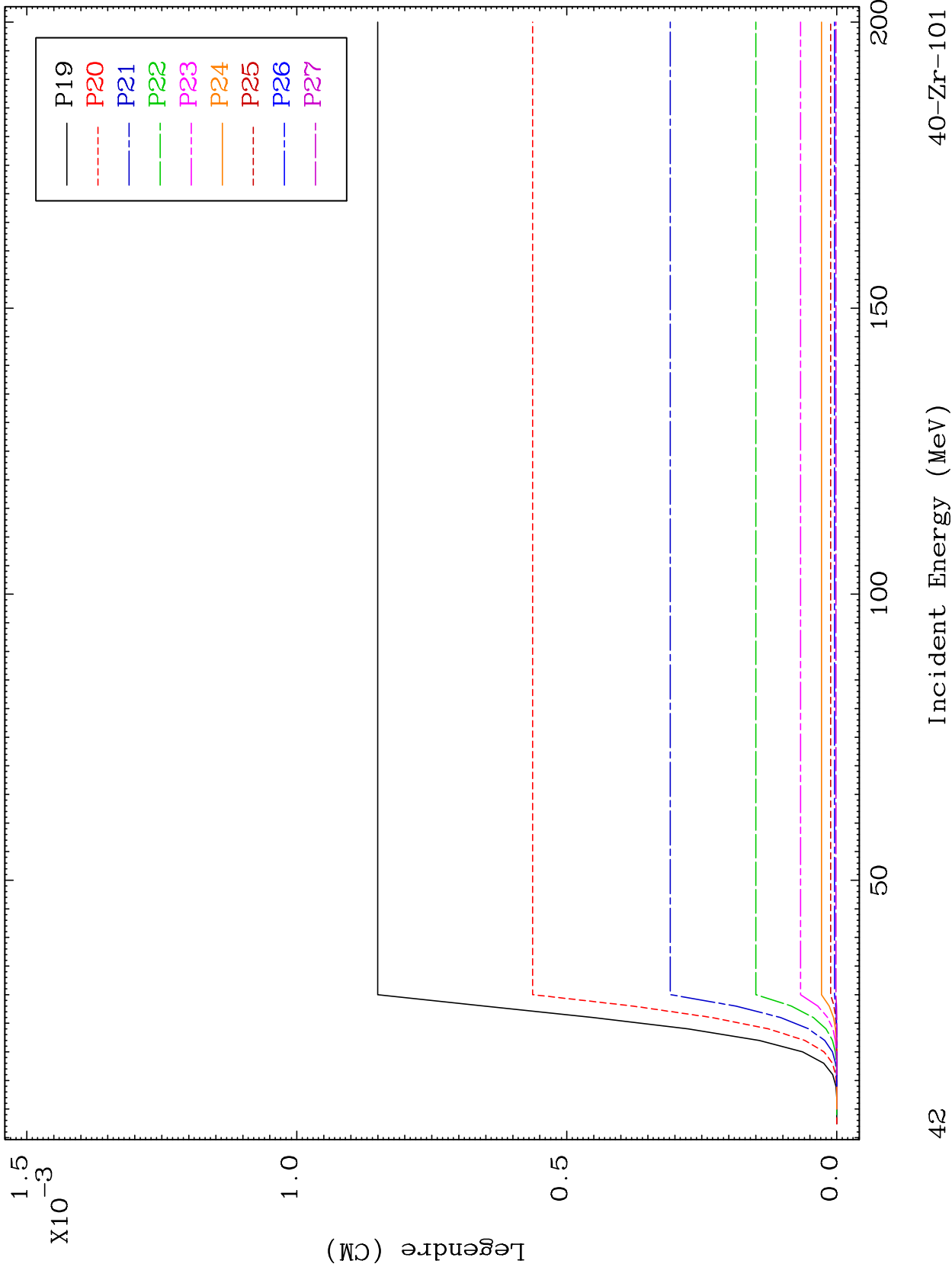
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

40-Zr-101



42

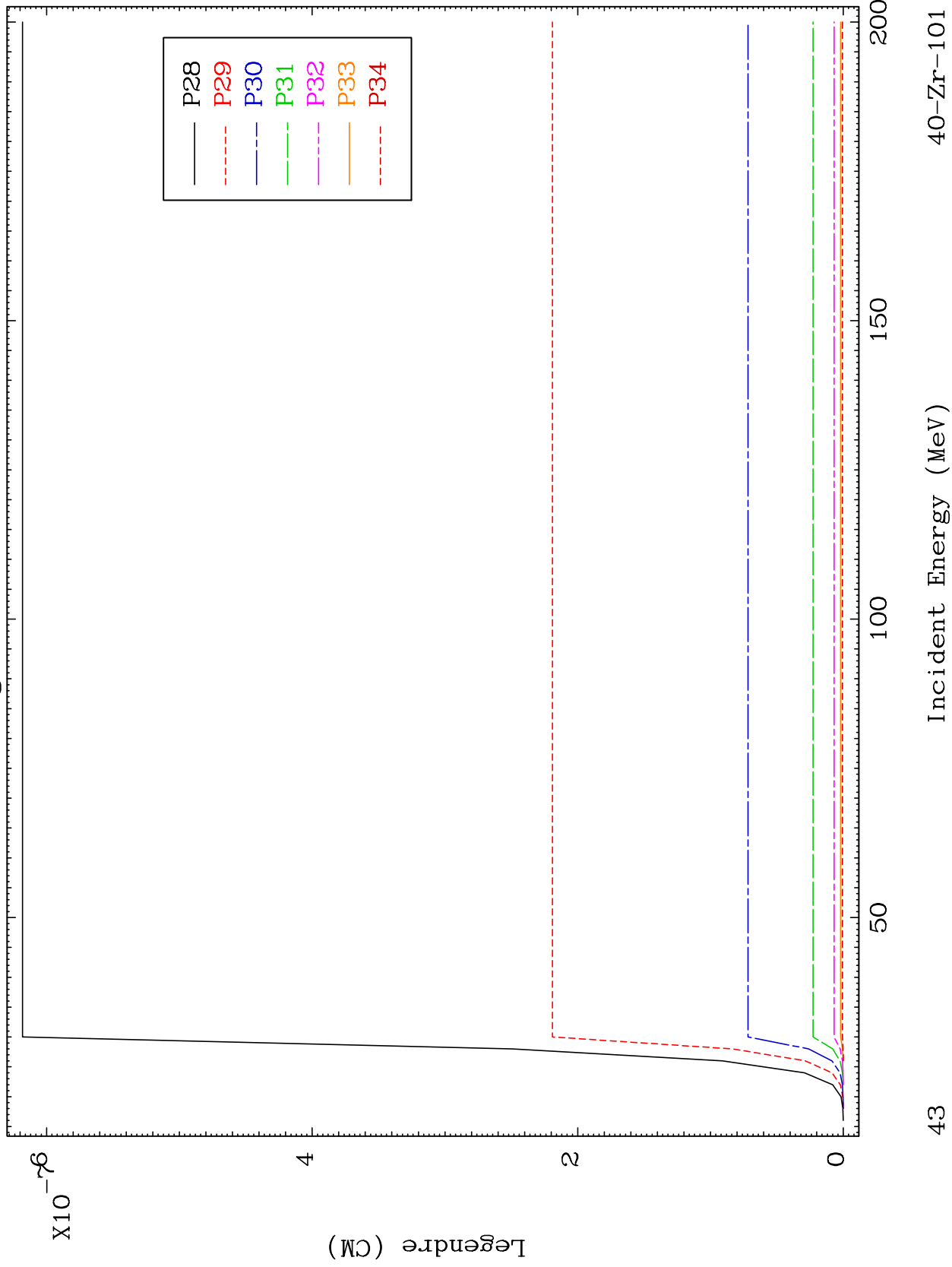
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

40-Zr-101

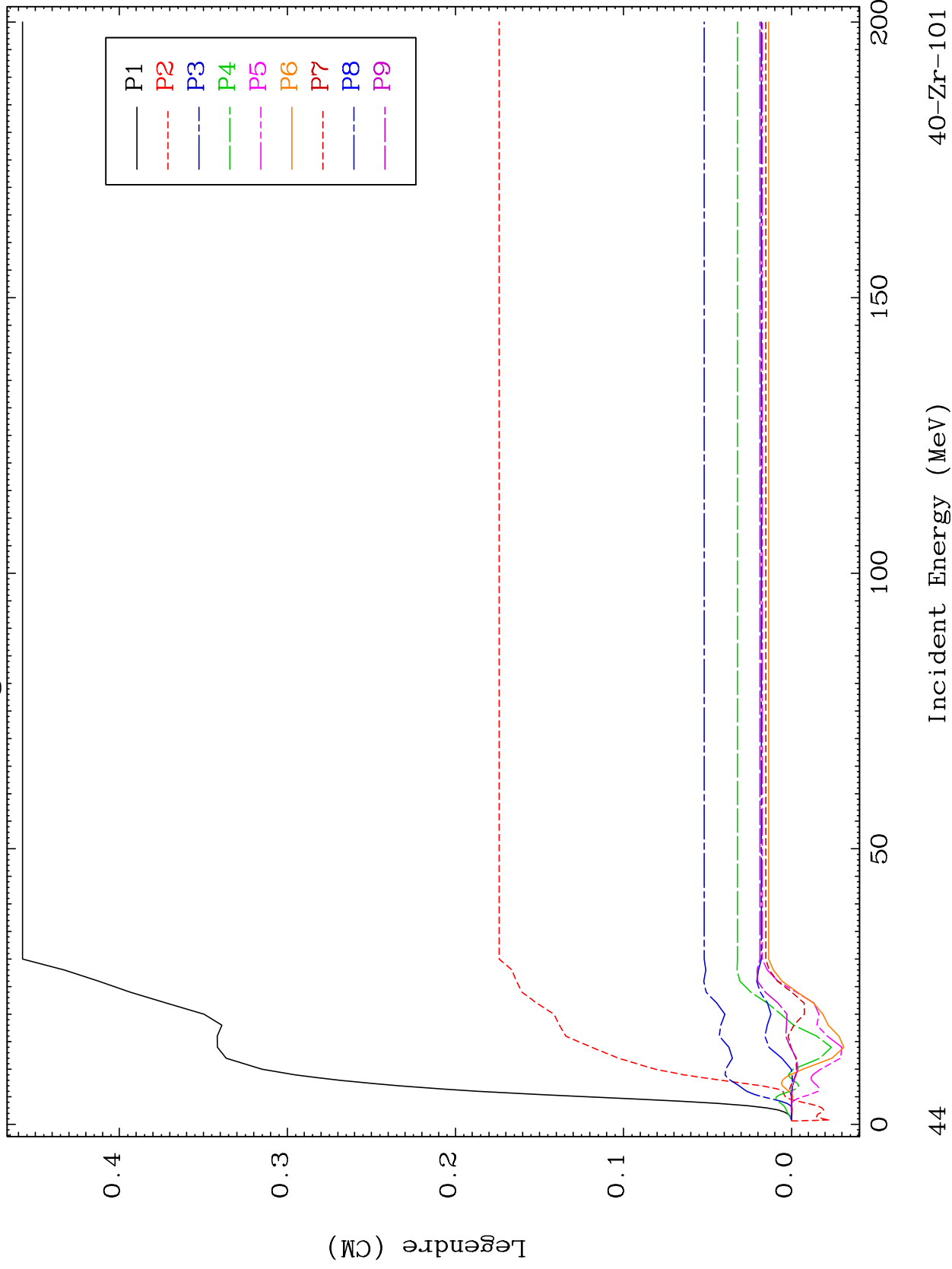


43

MAT 4058

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

40-Zr-101



40-Zr-101

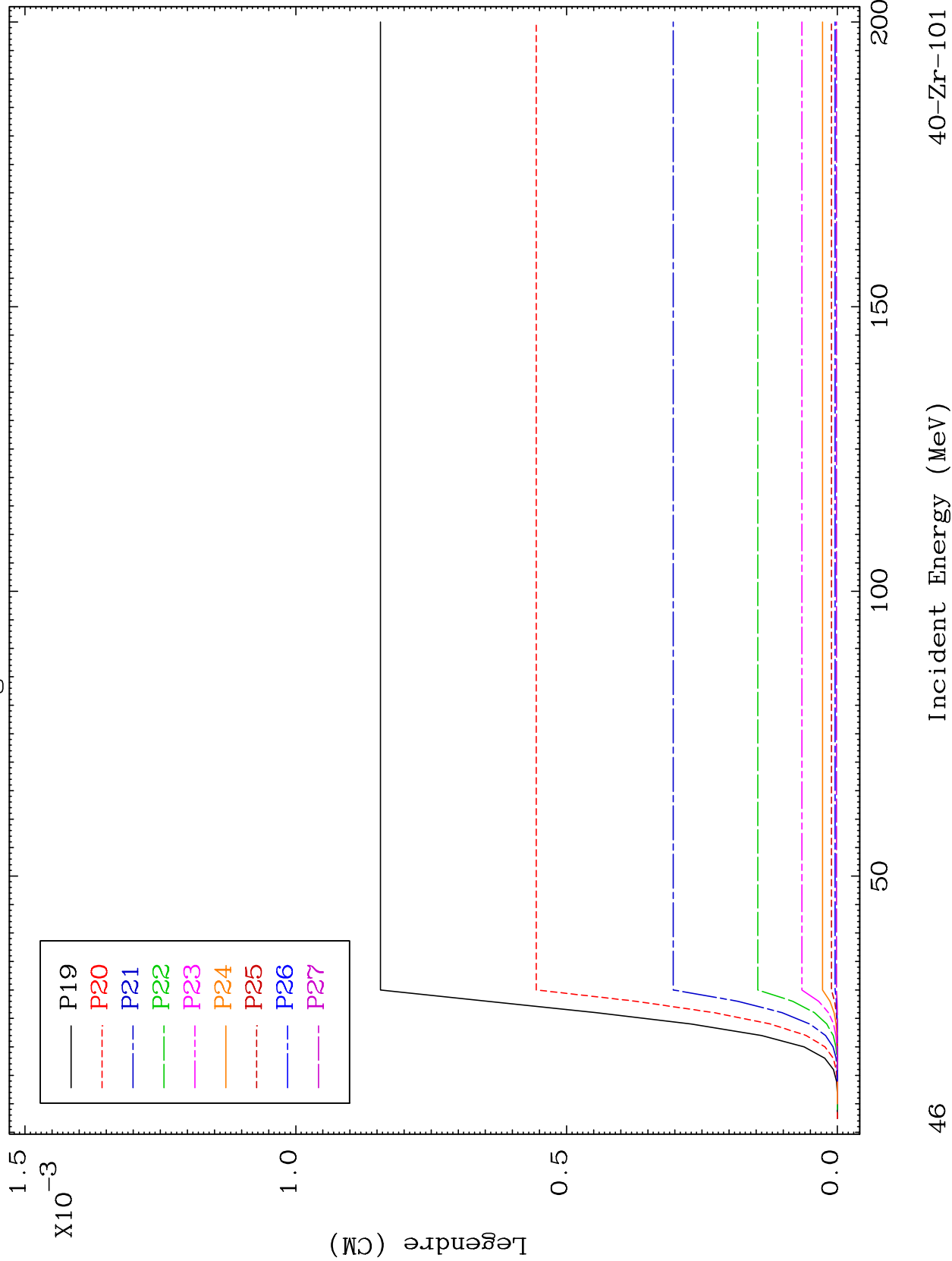
Incident Energy (MeV)

44

MAT 4058

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

40-Zr-101



46

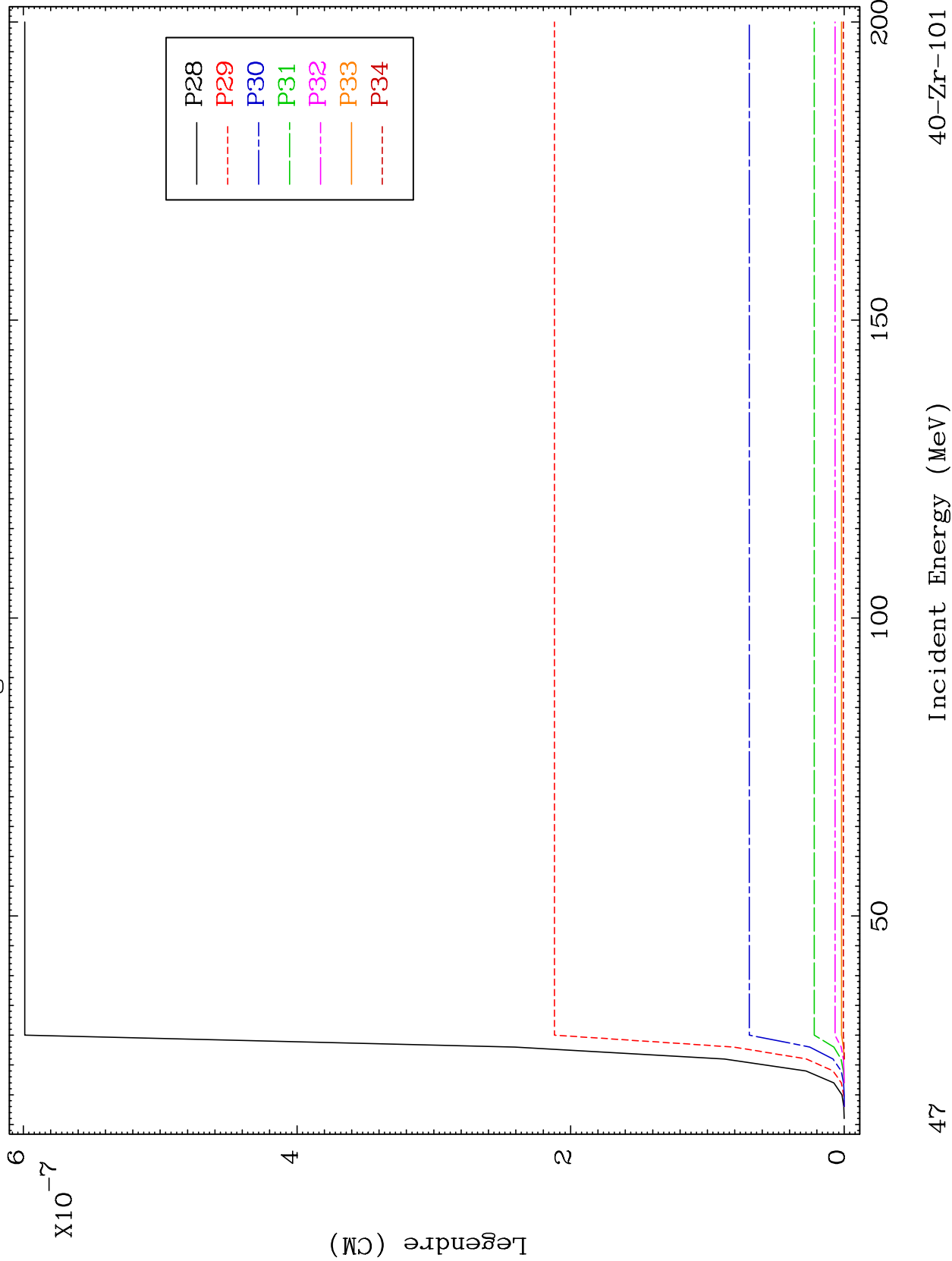
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

40-Zr-101



47

Incident Energy (MeV)

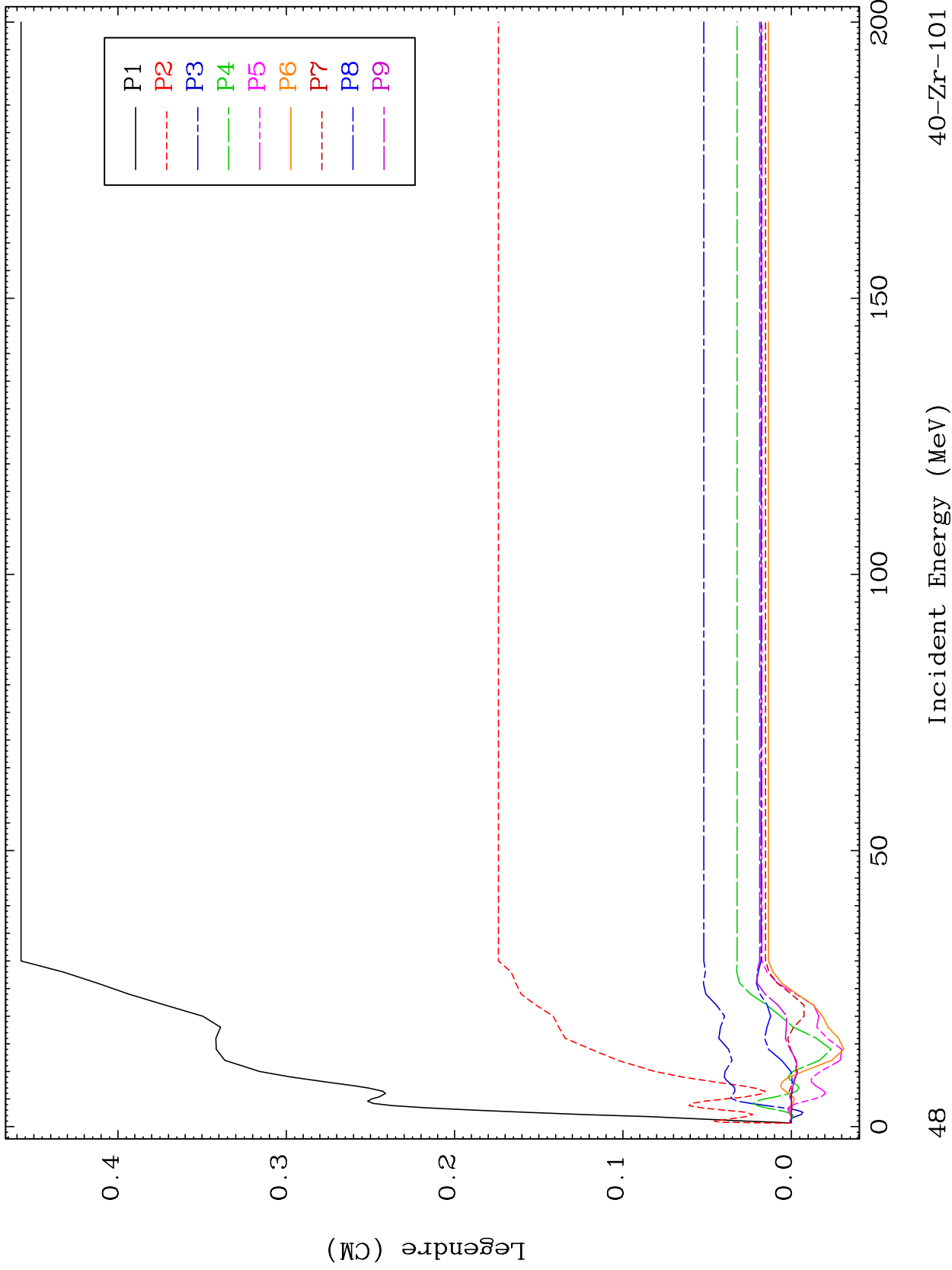
40-Zr-101

MAT 4058

MT= 58 (n,n') Level

40-Zr-101

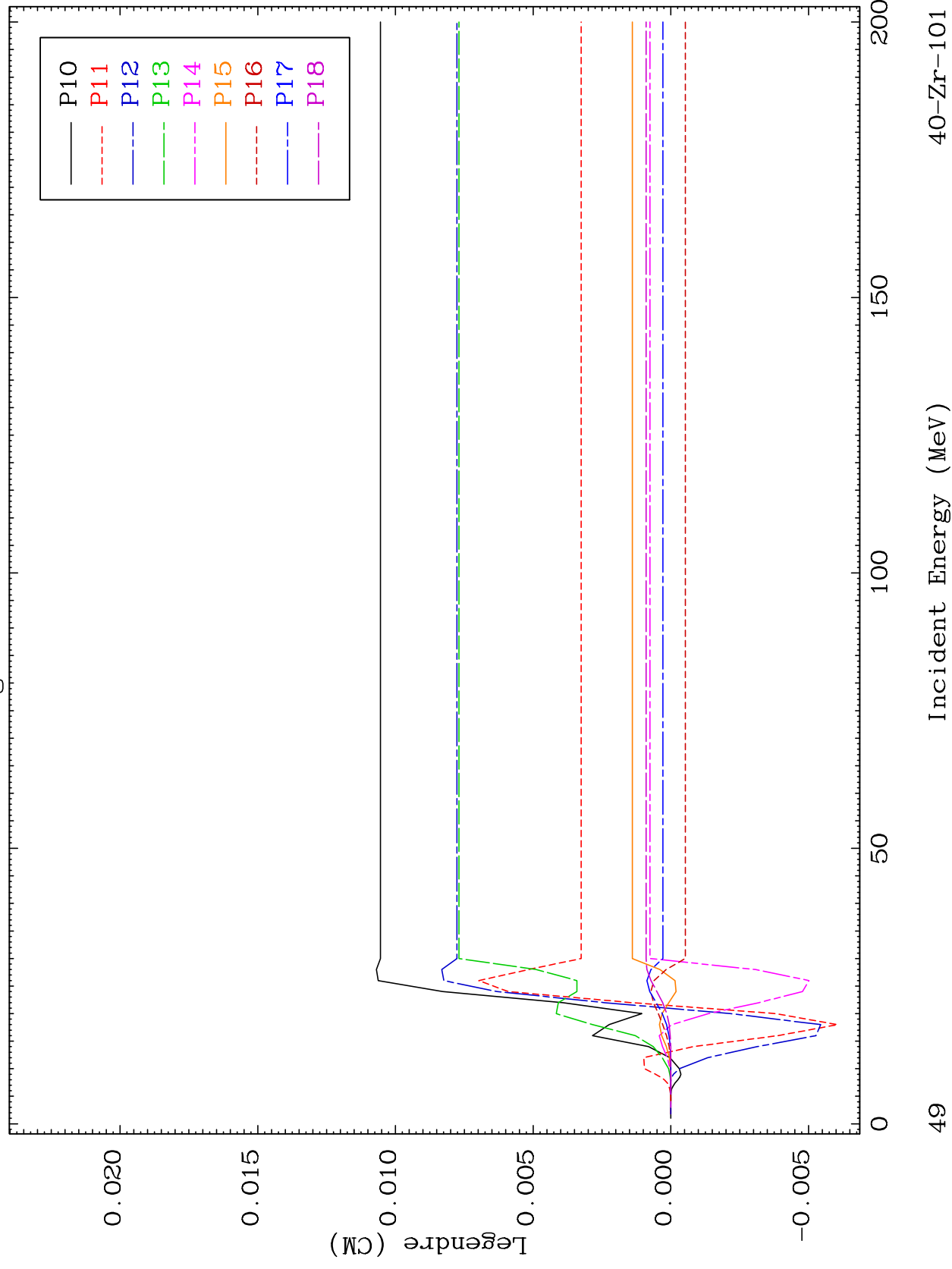
Legendre Coefficients



MAT 4058

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

40-Zr-101



49

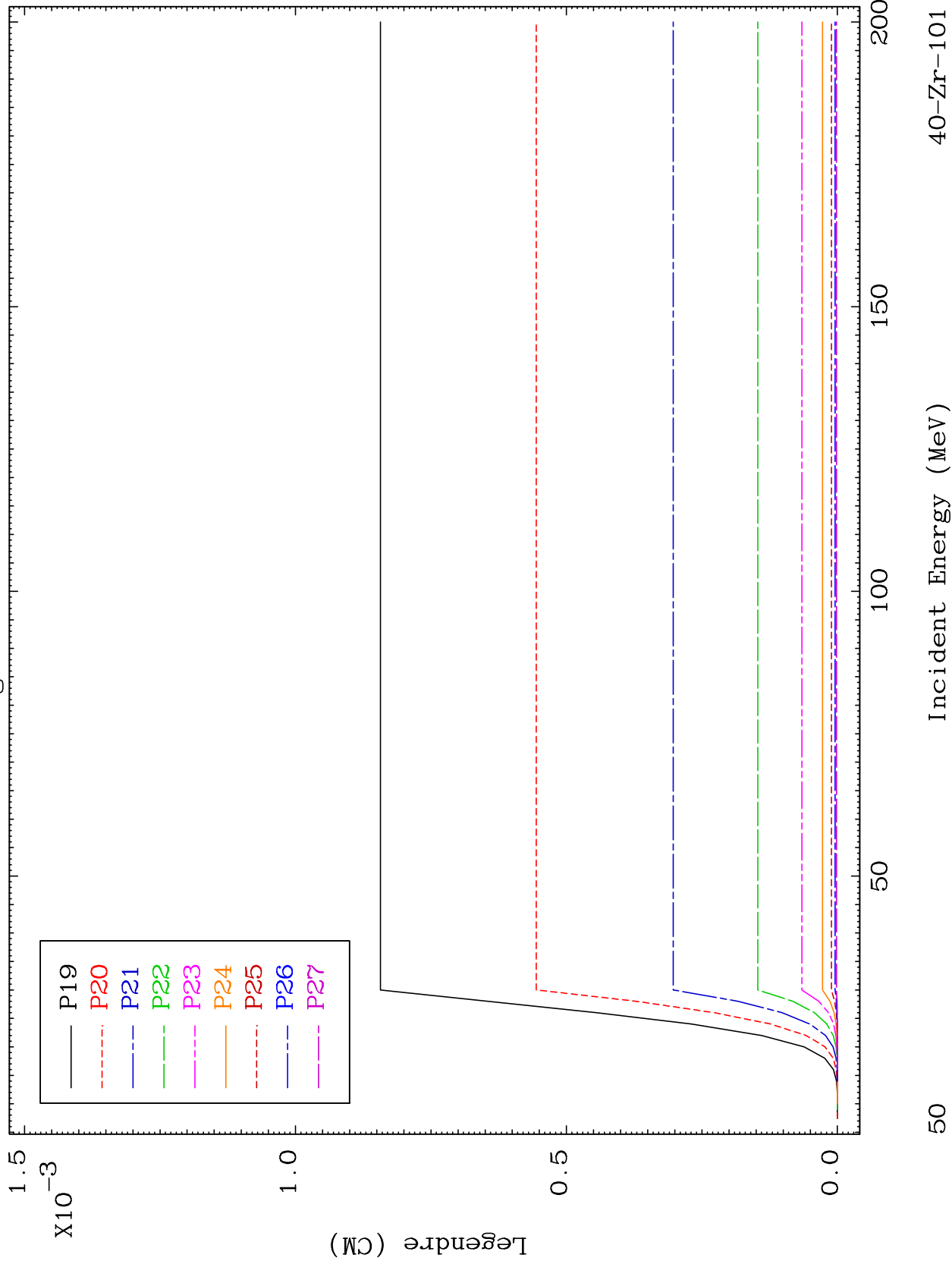
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

40-Zr-101



50

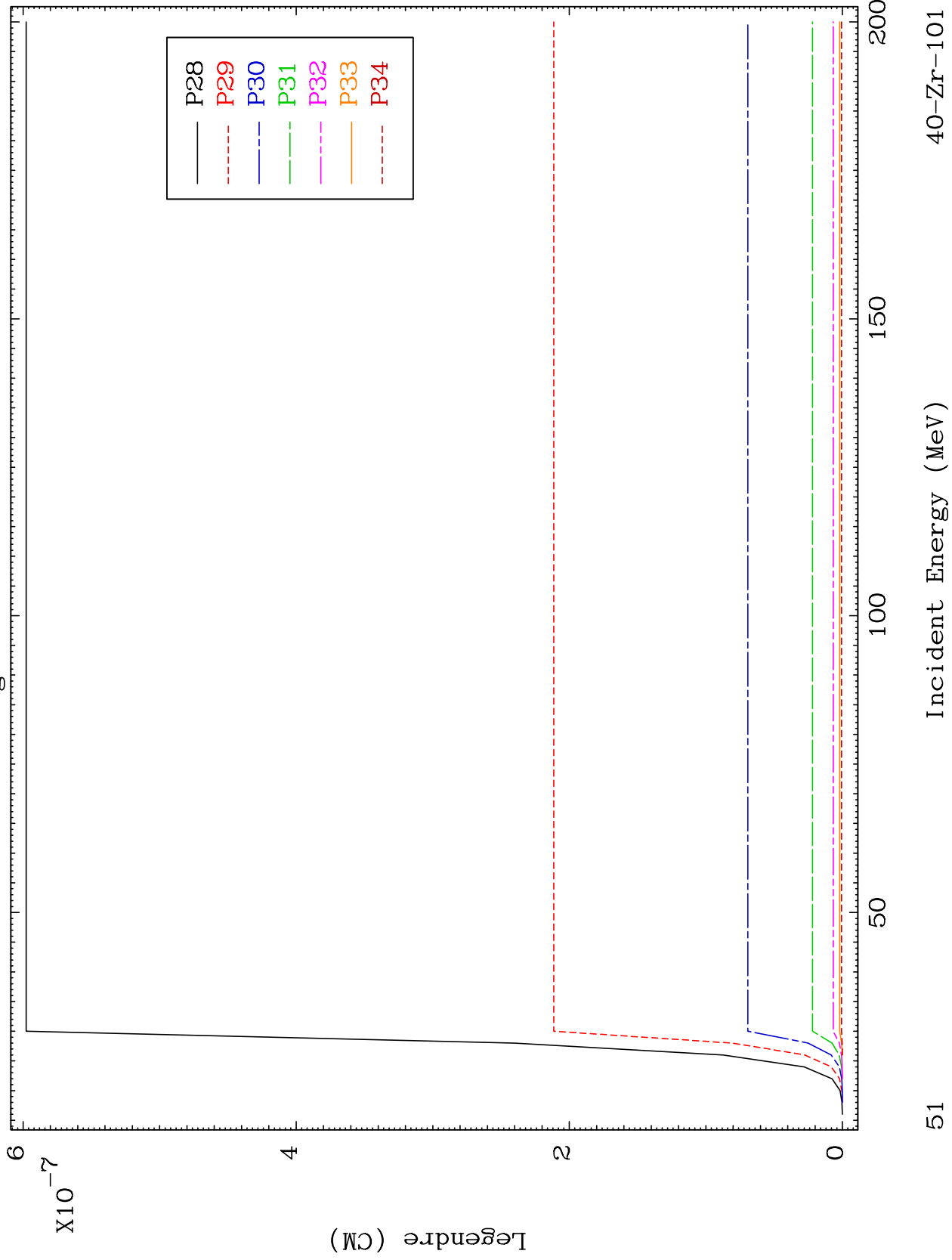
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

40-Zr-101



51

Incident Energy (MeV)

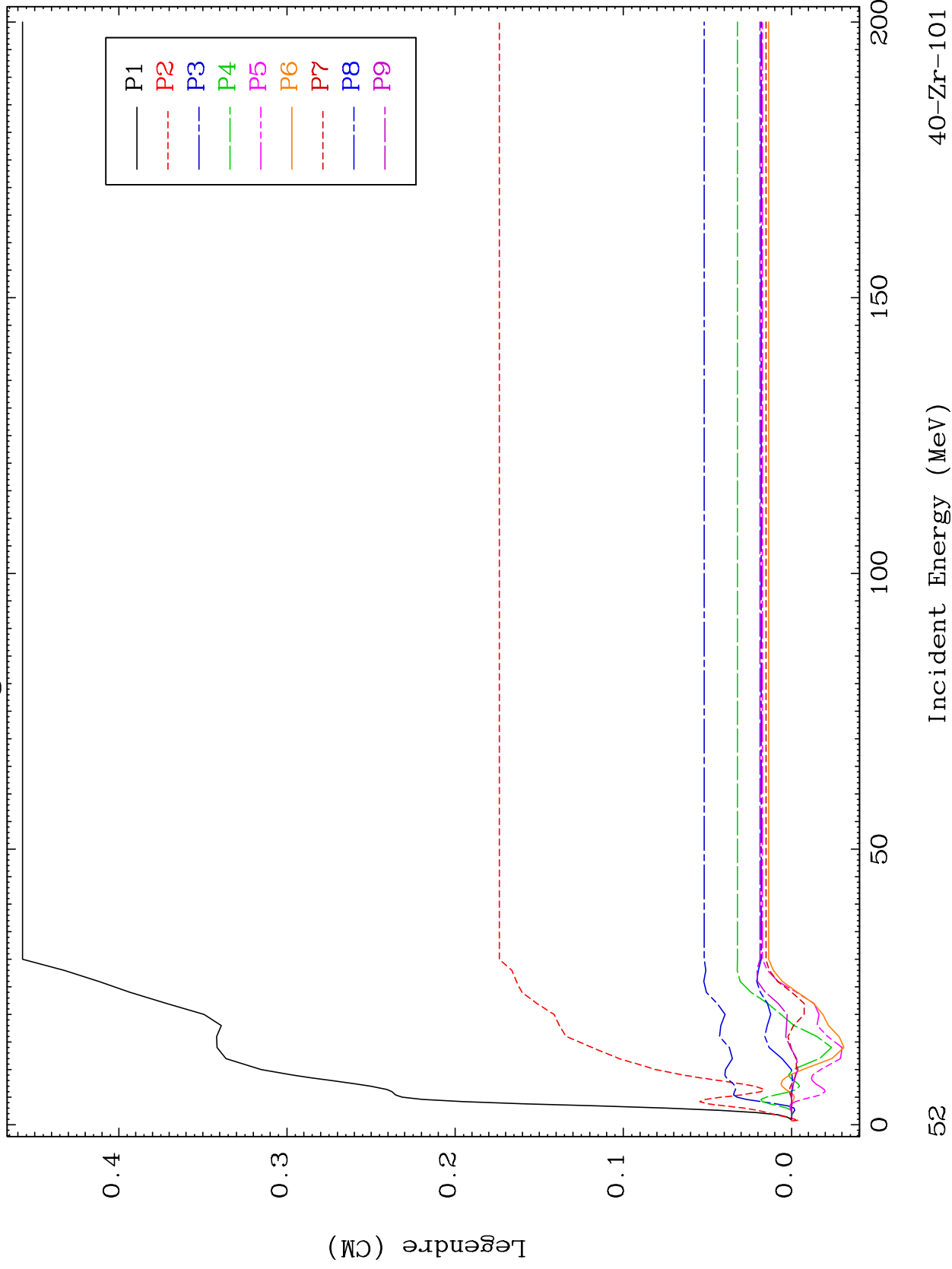
40-Zr-101

MAT 4058

MT= 59 (n,n') Level

40-Zr-101

Legendre Coefficients



52

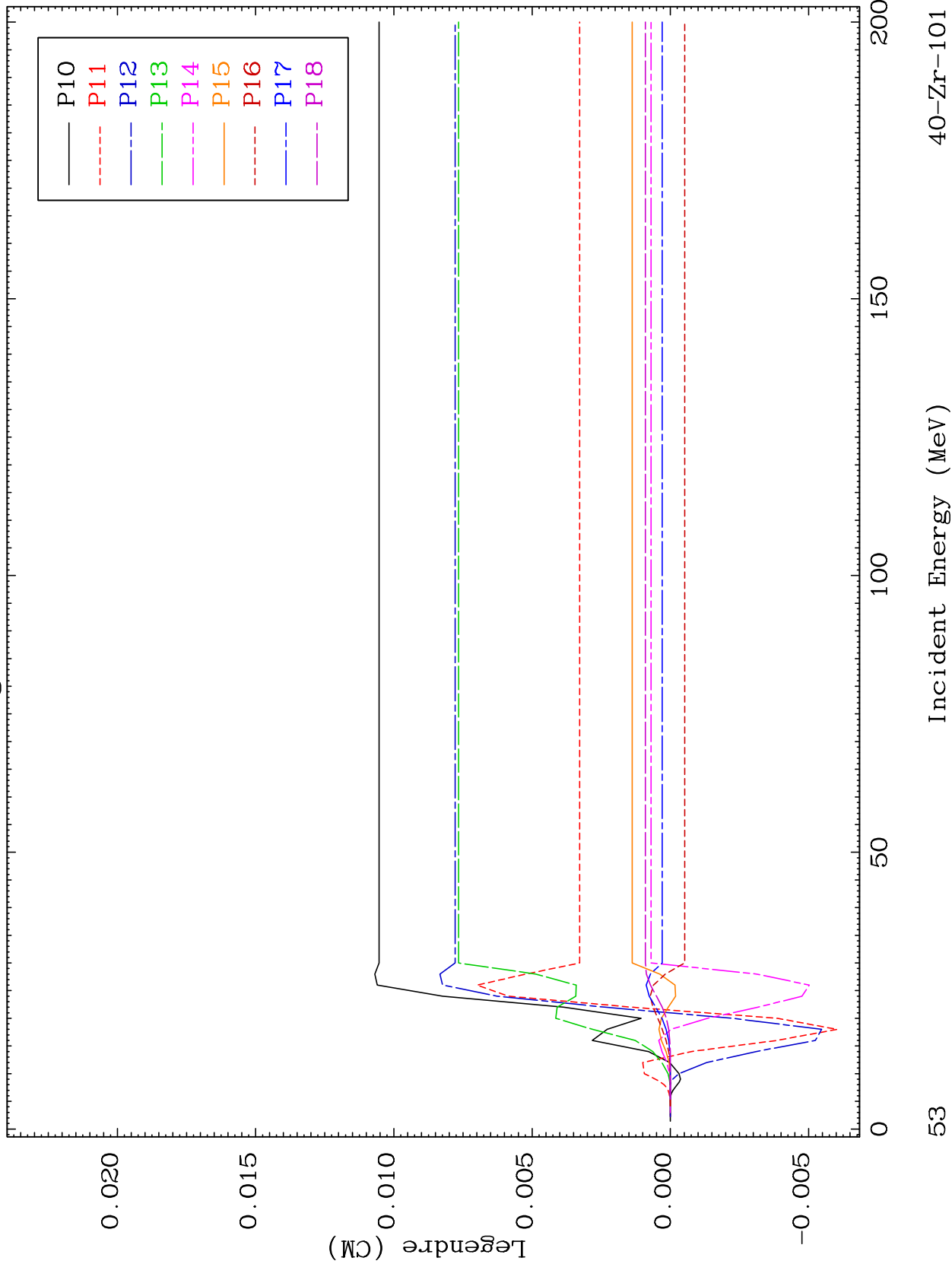
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

40-Zr-101



53

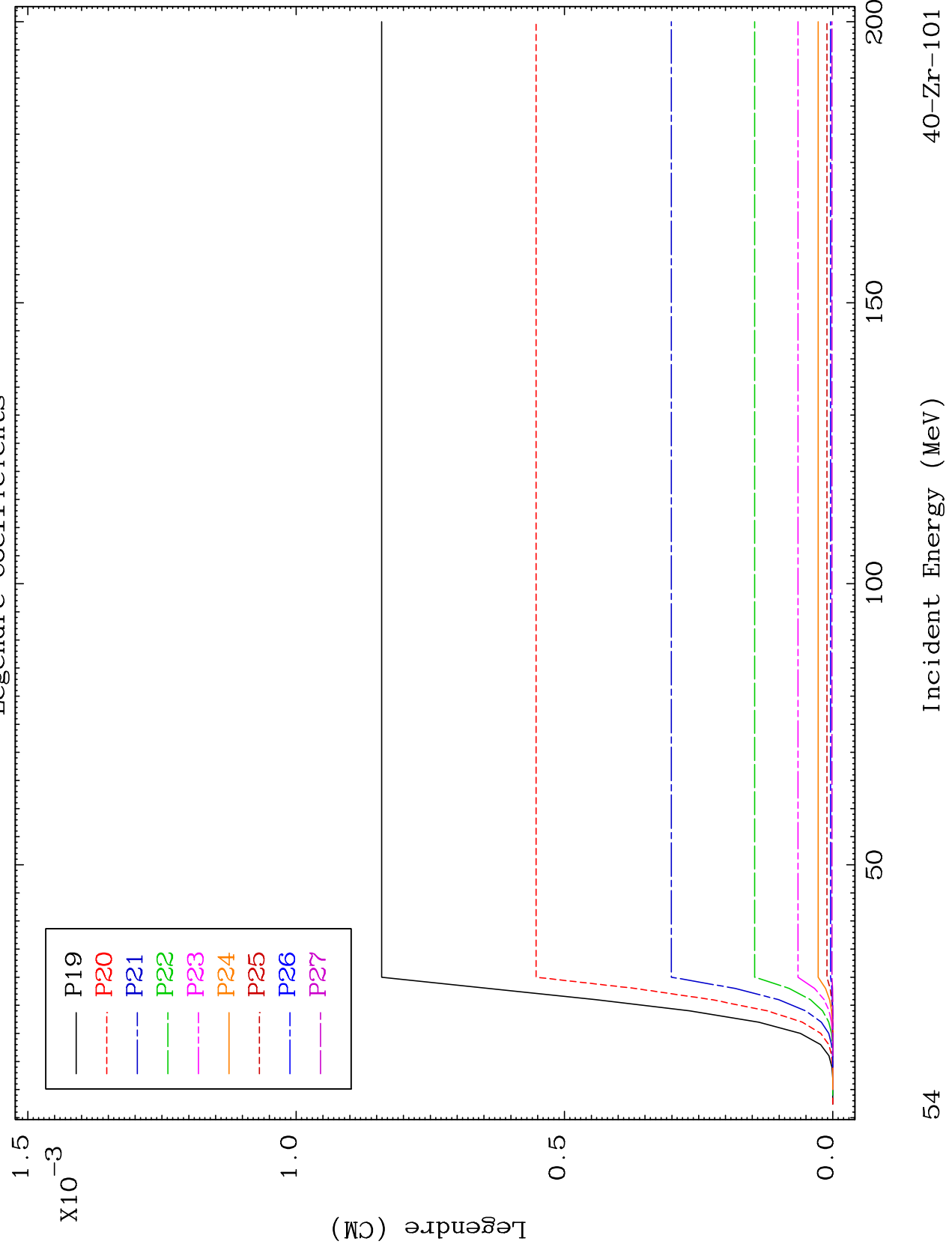
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

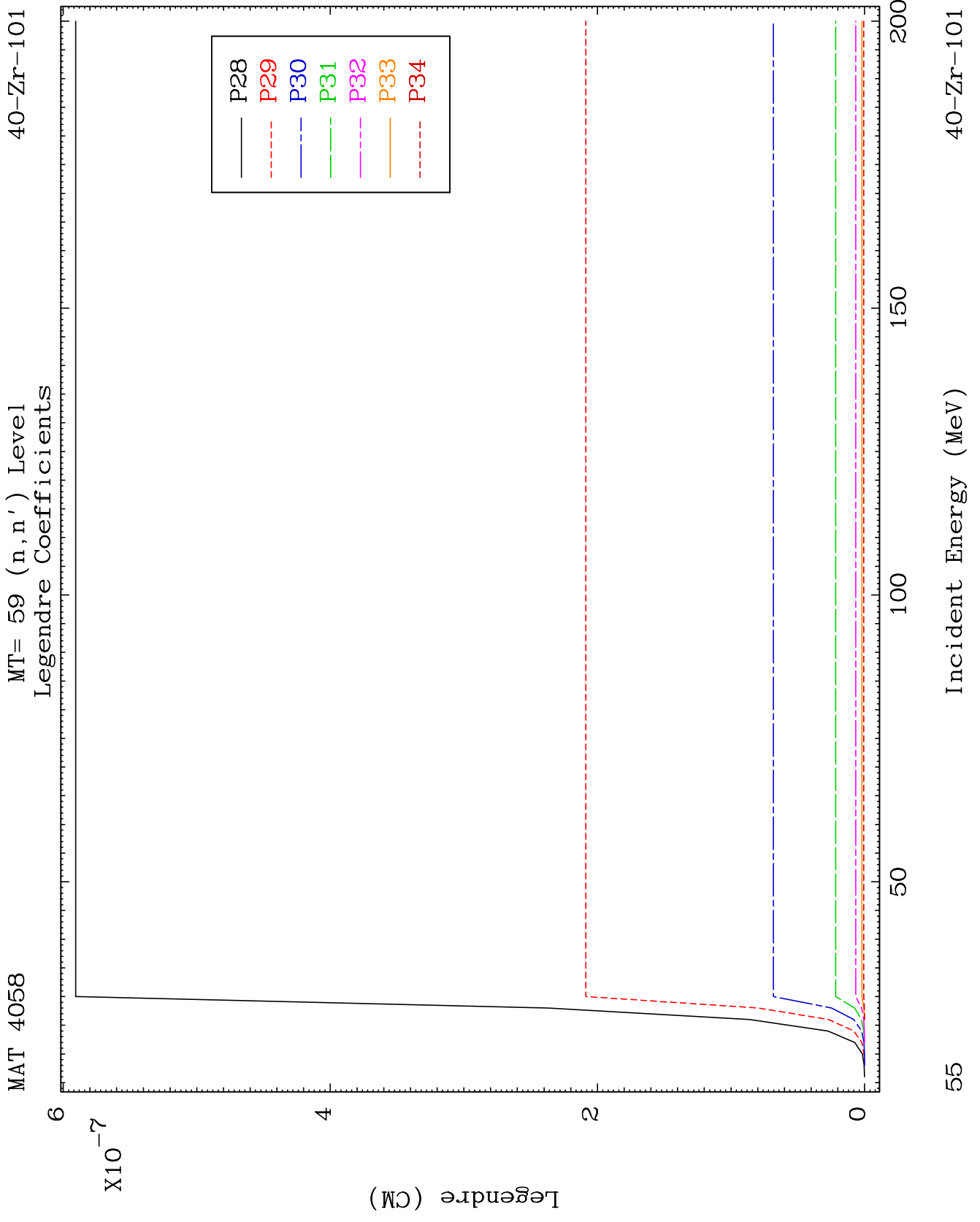
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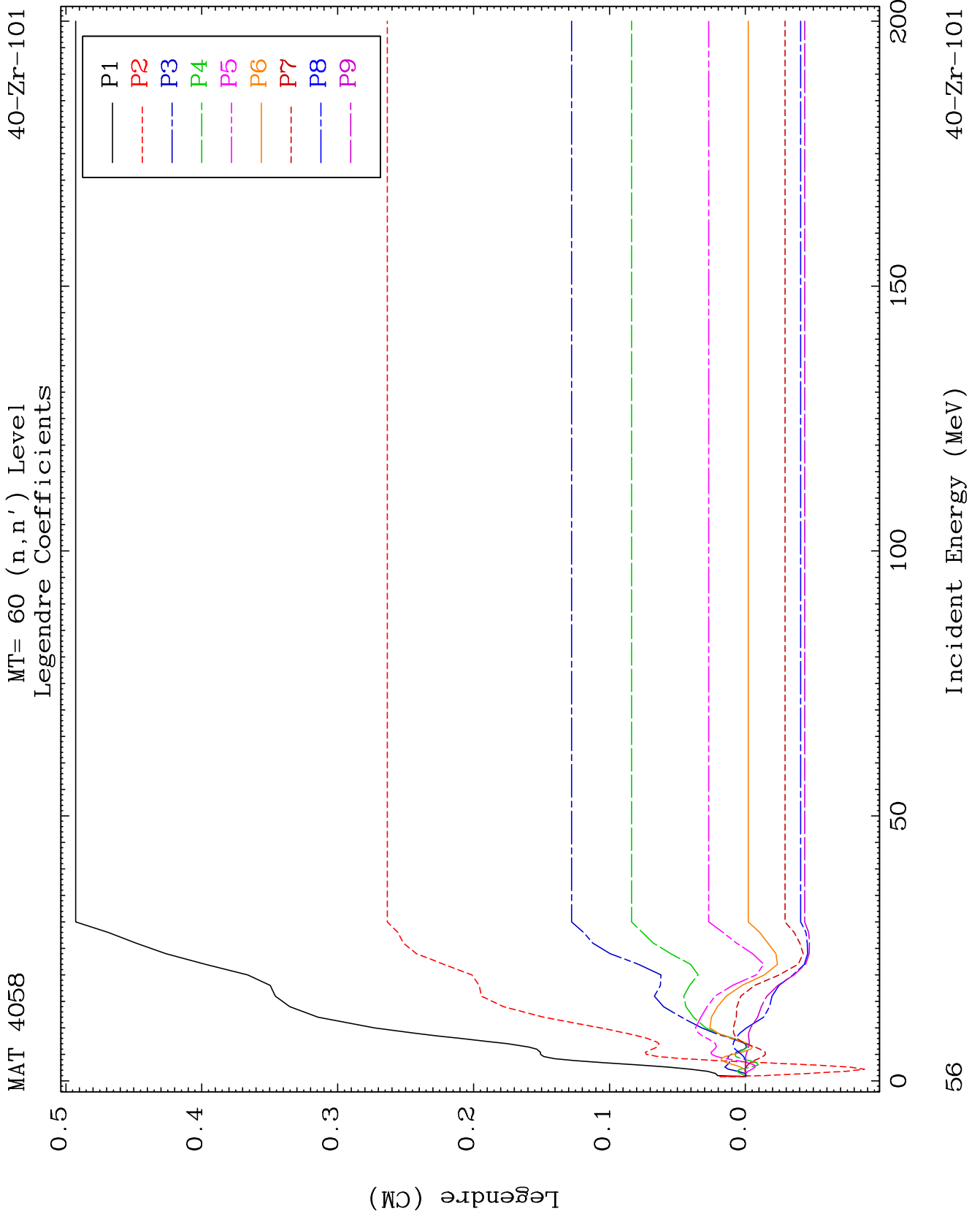


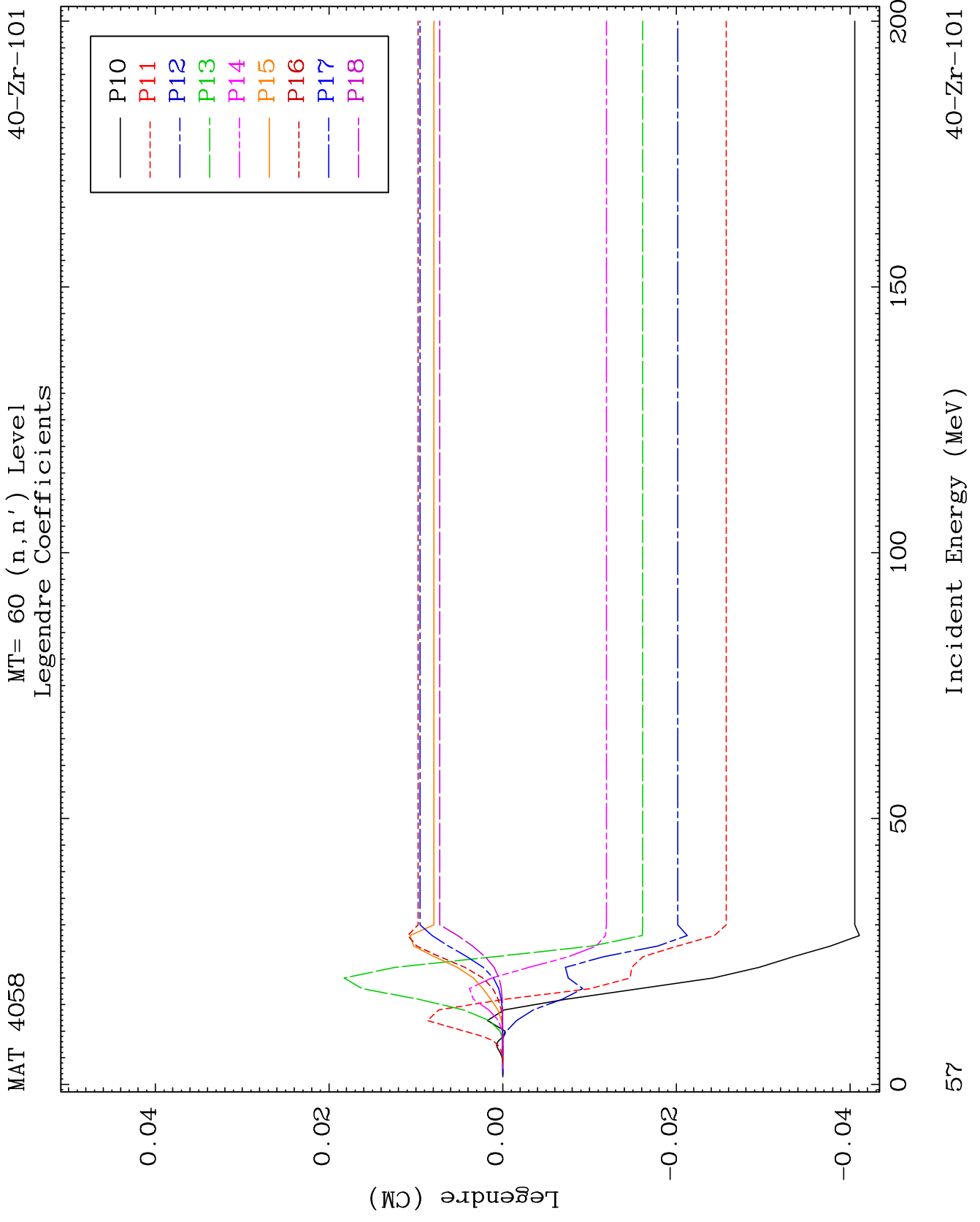
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Incident Energy (MeV)

40-Zr-101



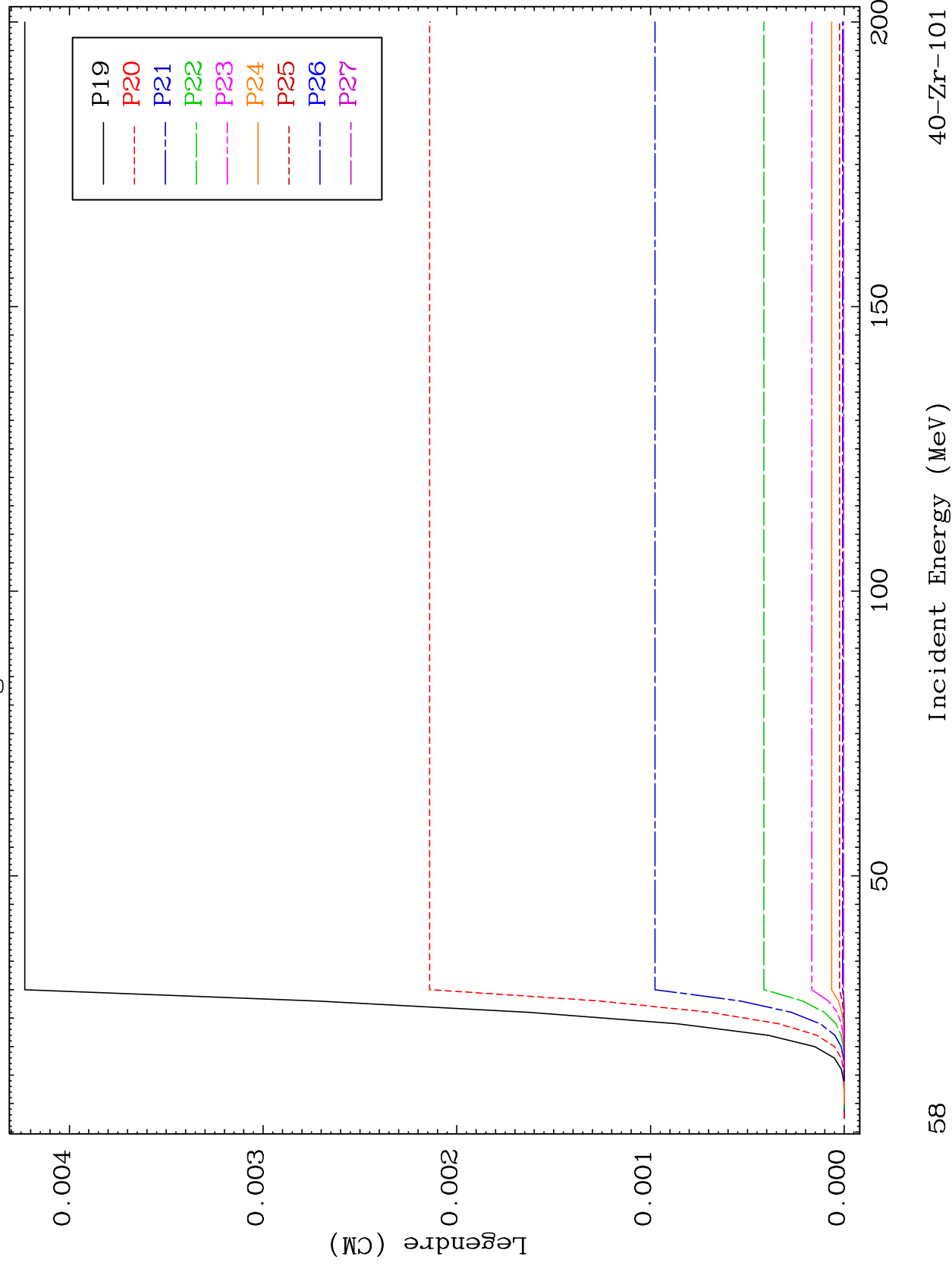




MAT 4058

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

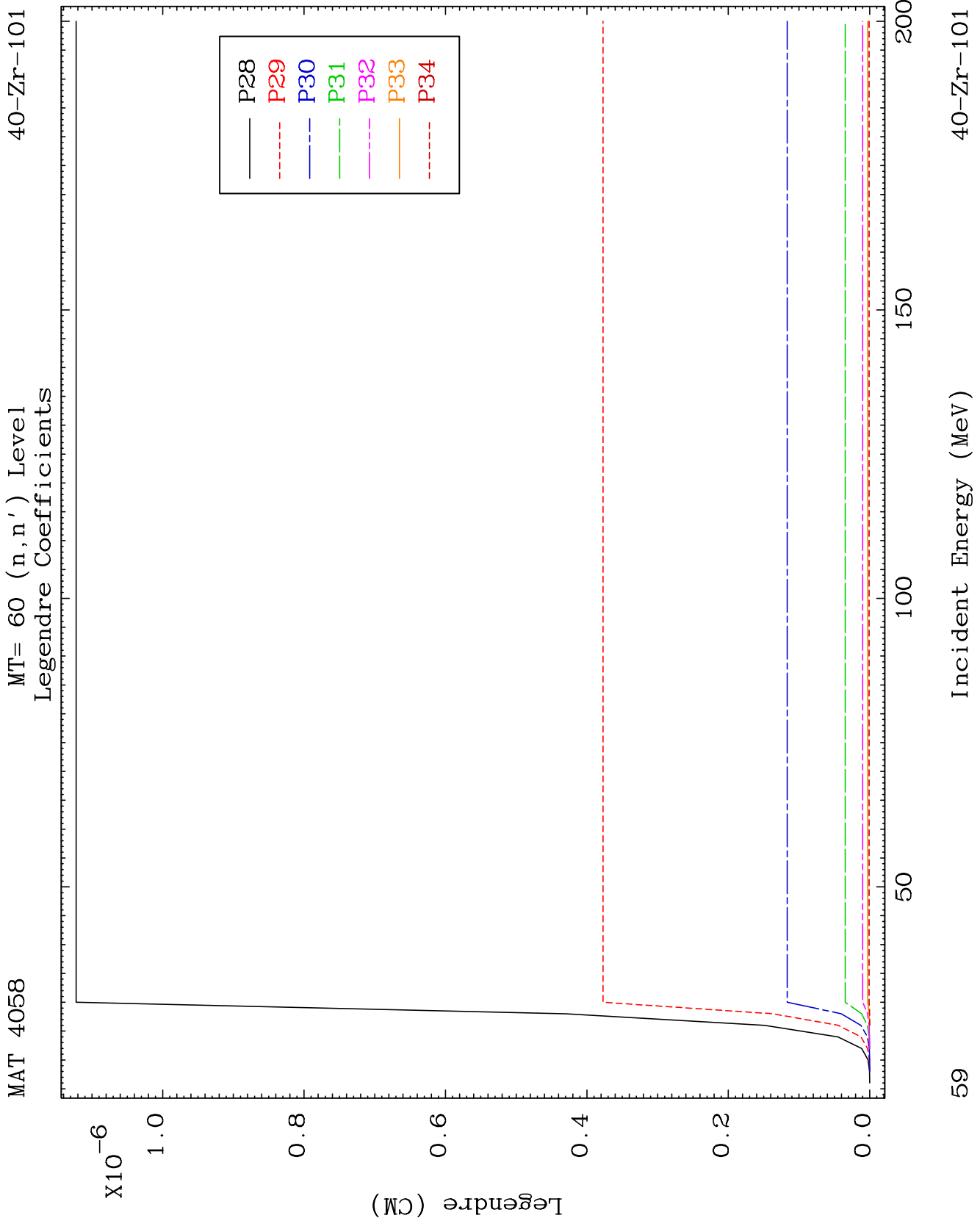
40-Zr-101



58

Incident Energy (MeV)

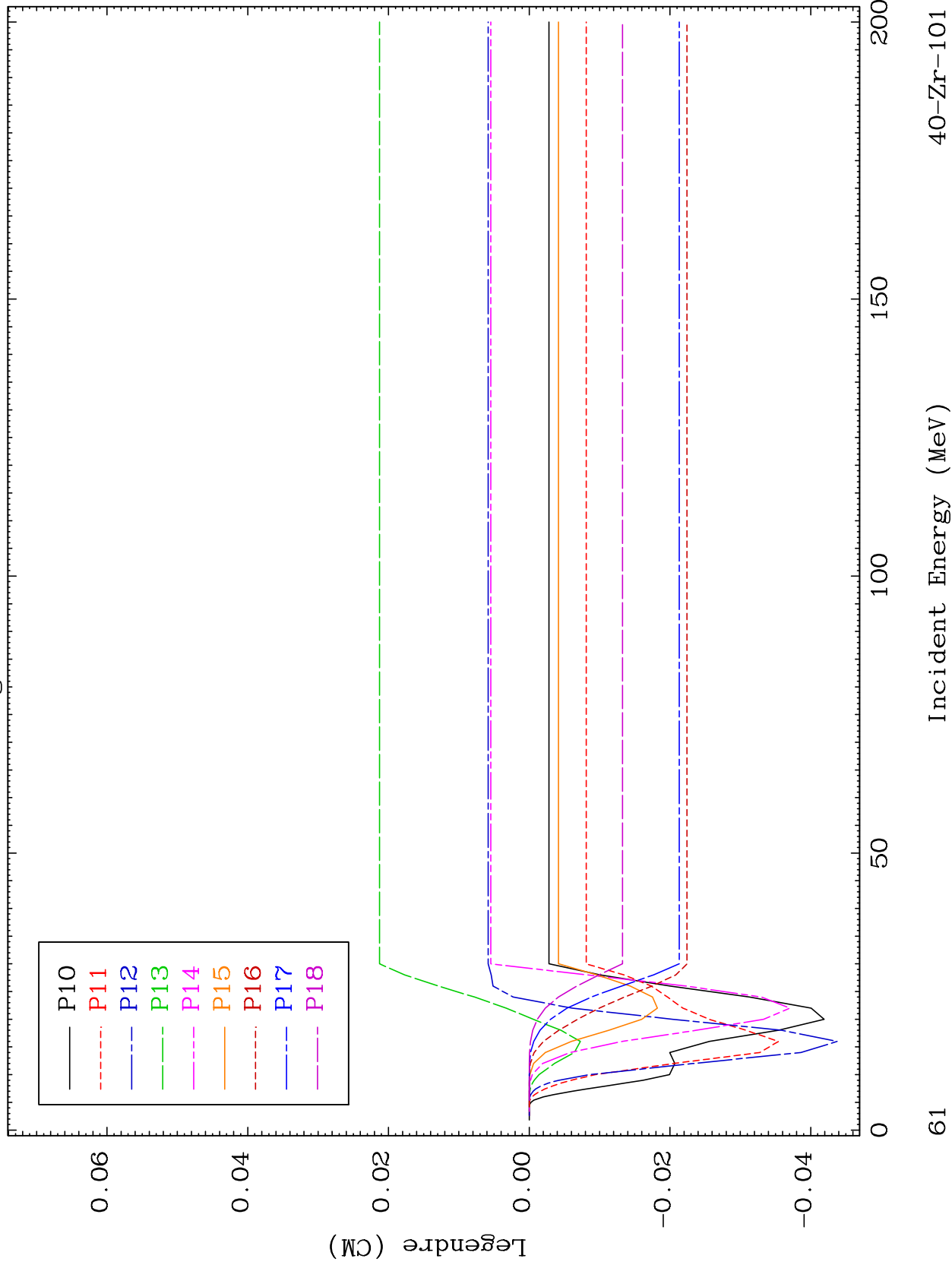
40-Zr-101



MAT 4058

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

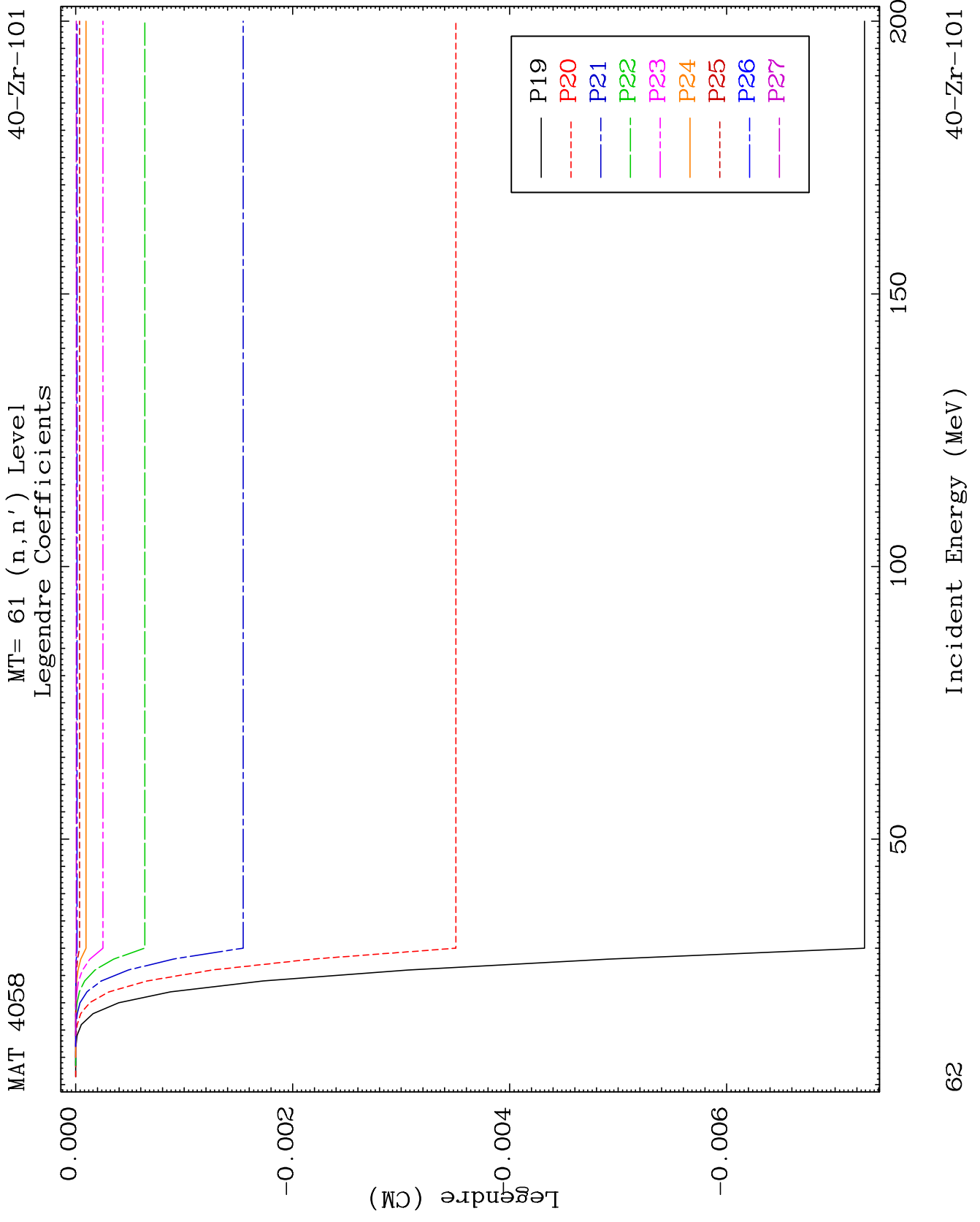
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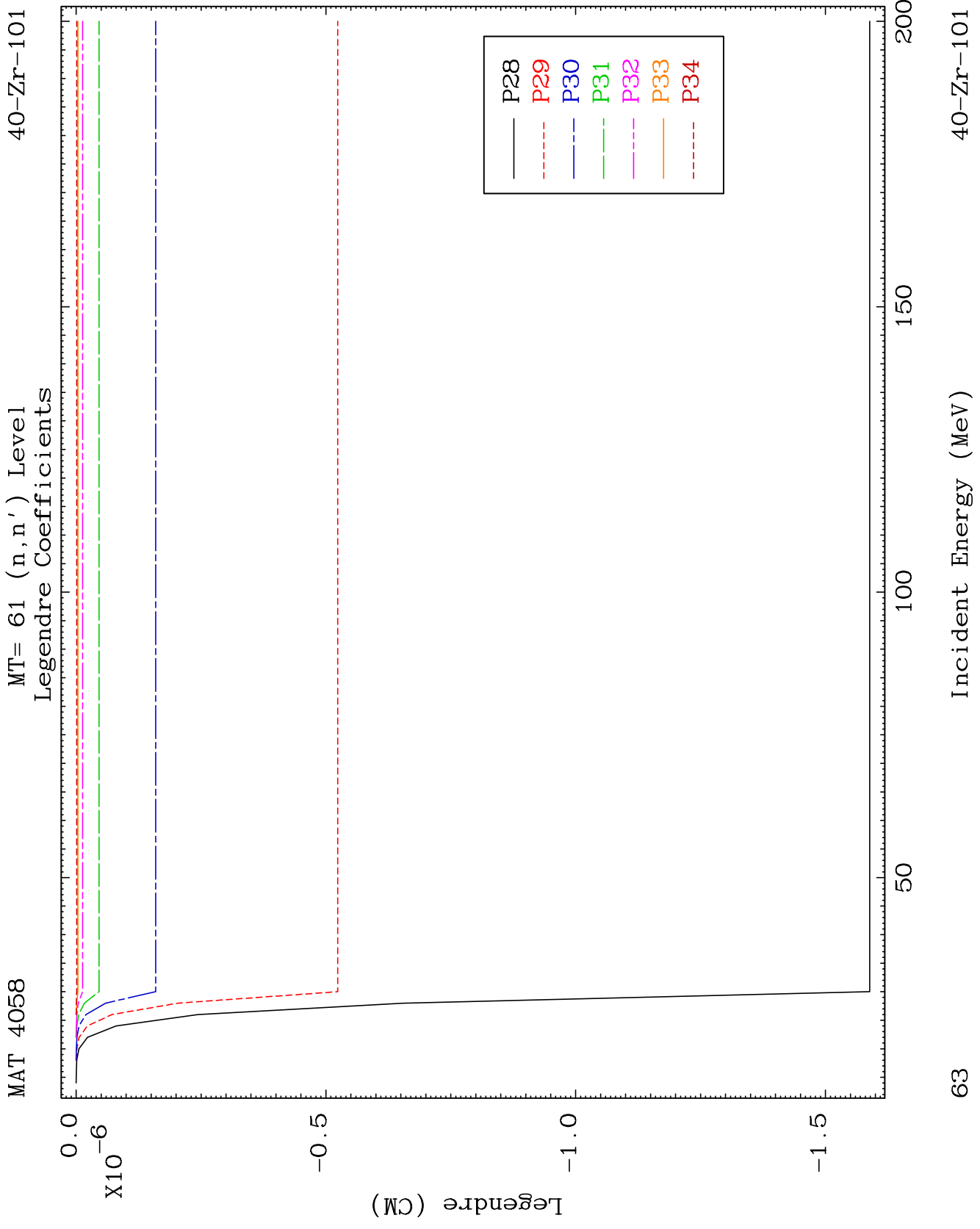


61

Incident Energy (MeV)

40-Zr-101

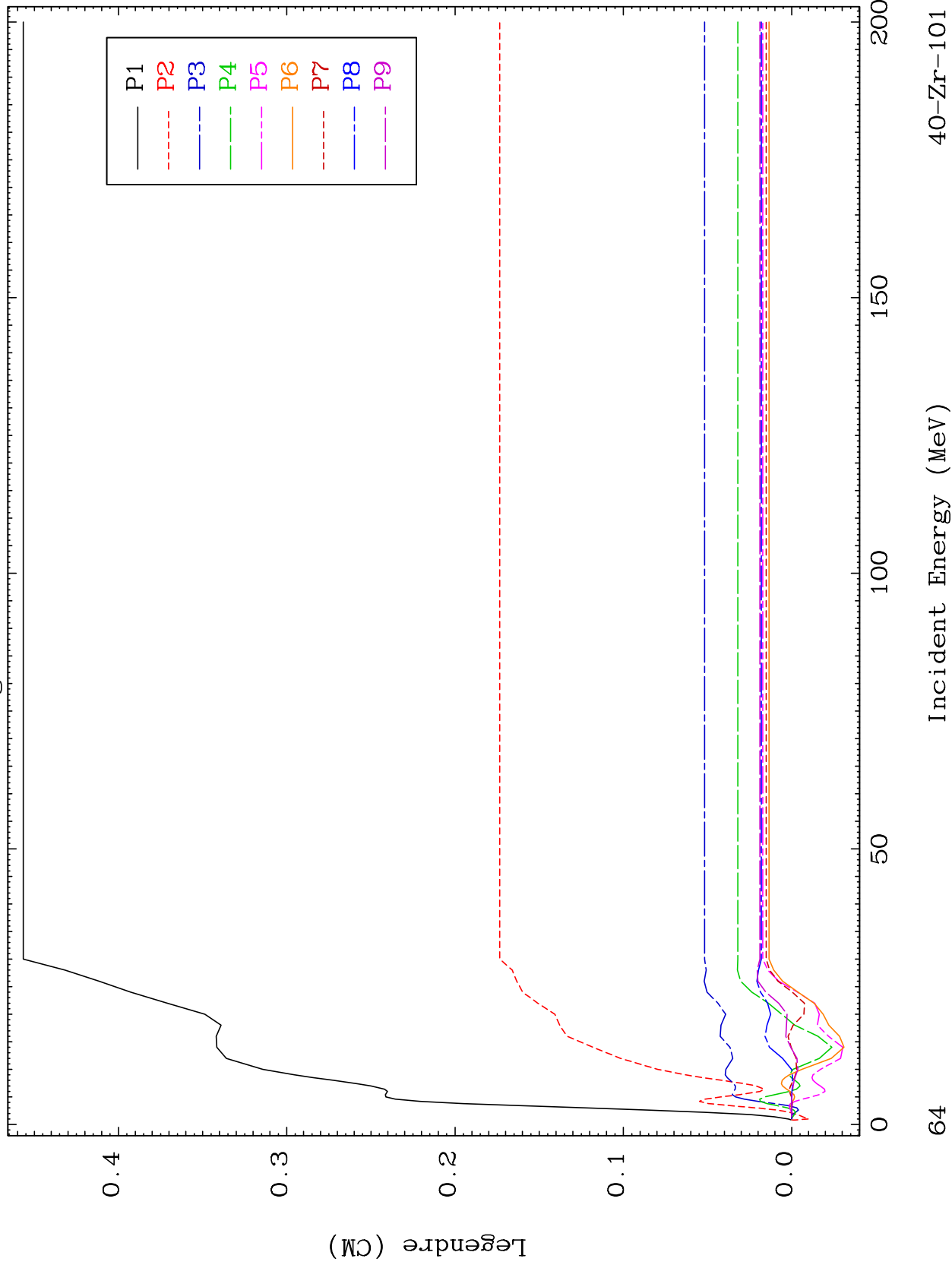




MAT 4058

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

40-Zr-101



40-Zr-101

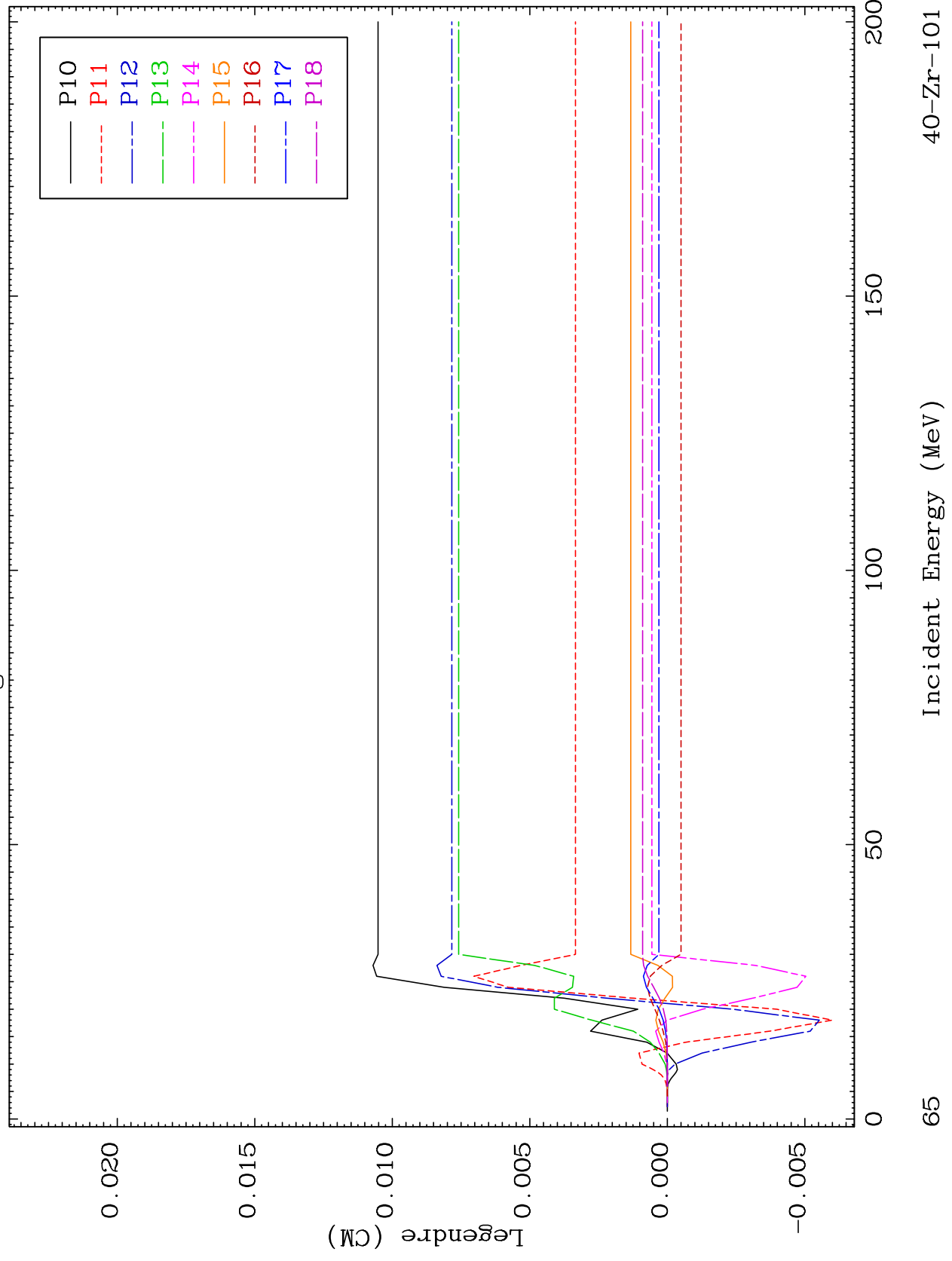
Incident Energy (MeV)

64

MAT 4058

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

40-Zr-101



40-Zr-101

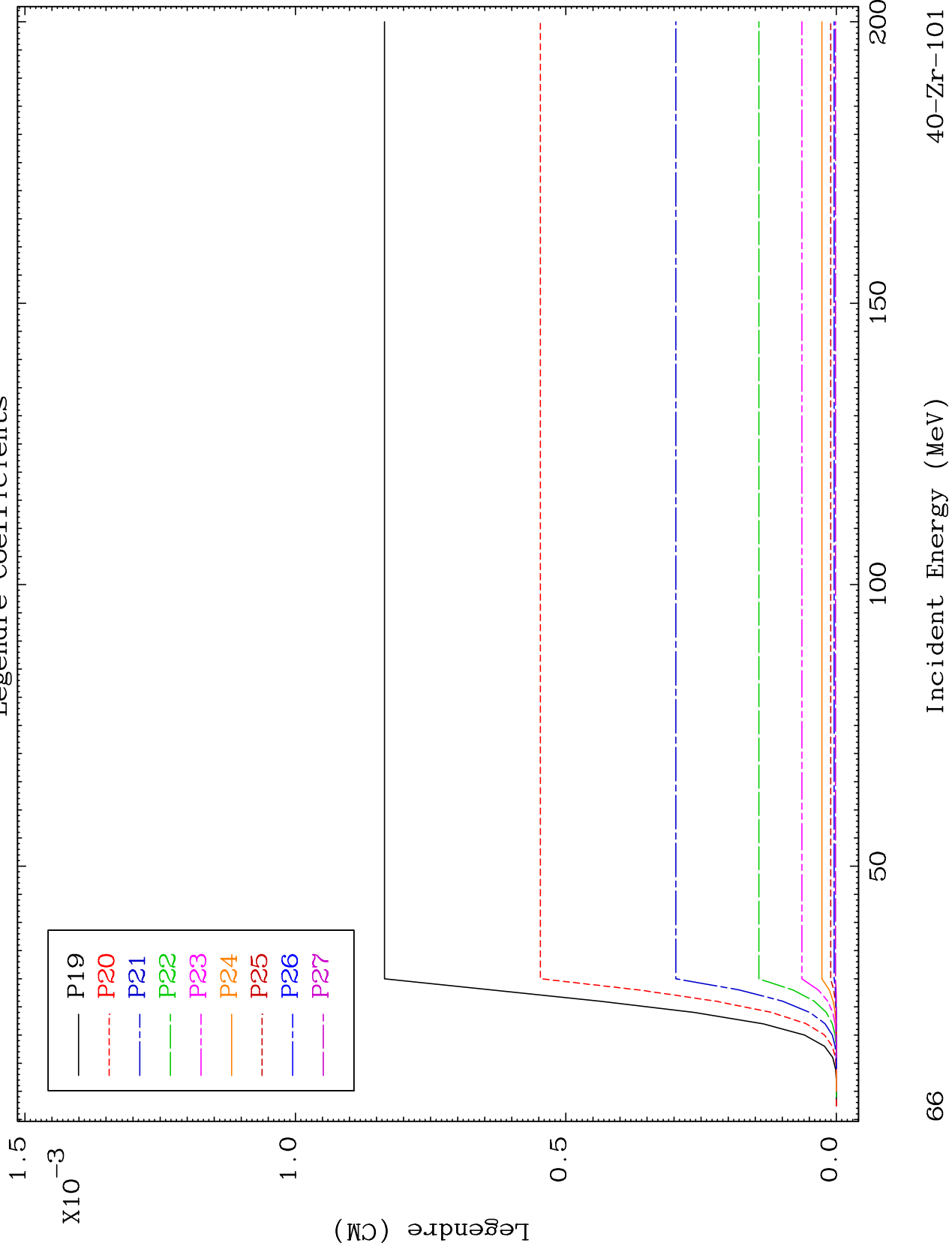
Incident Energy (MeV)

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MAT 4058

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

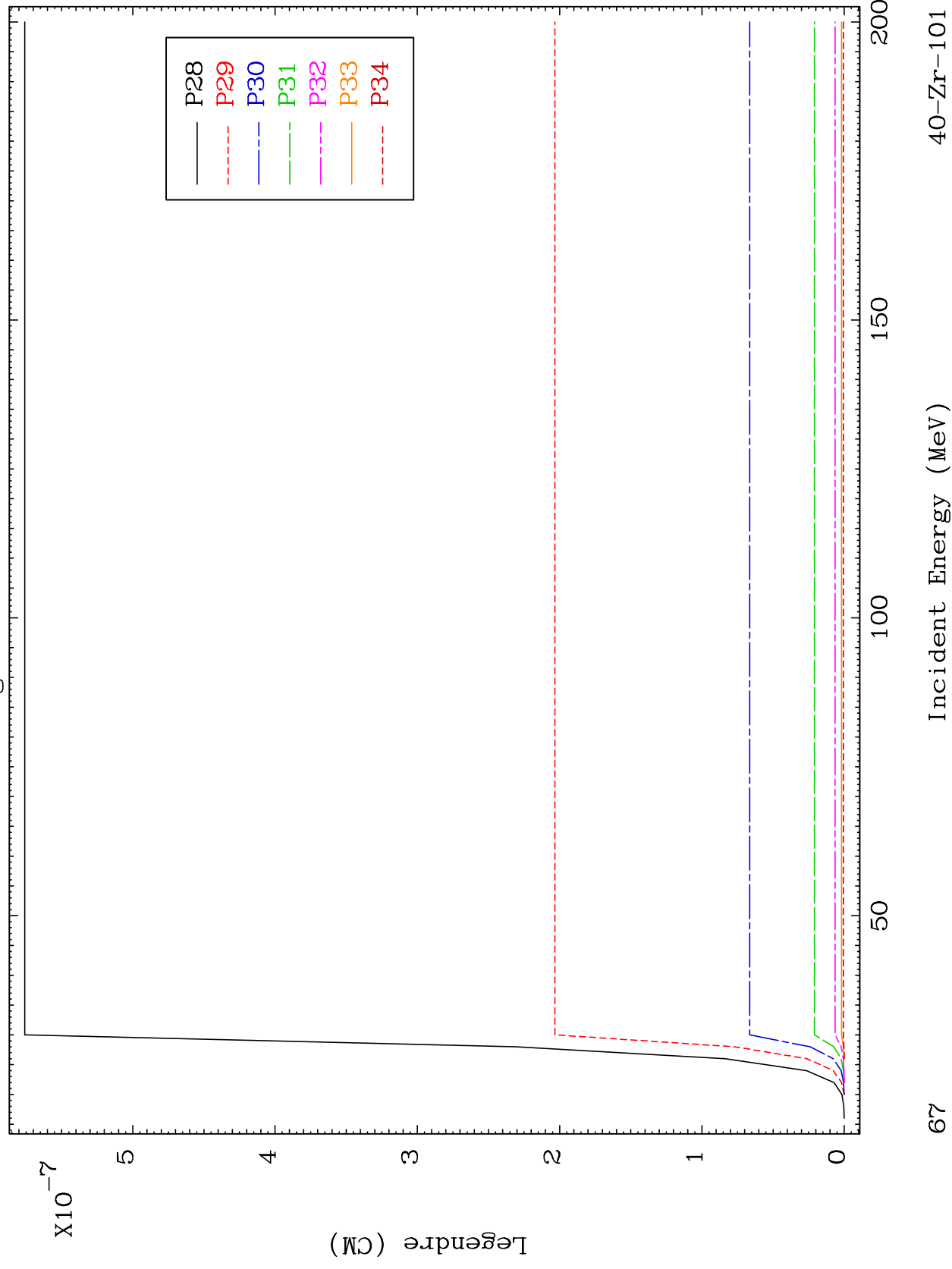
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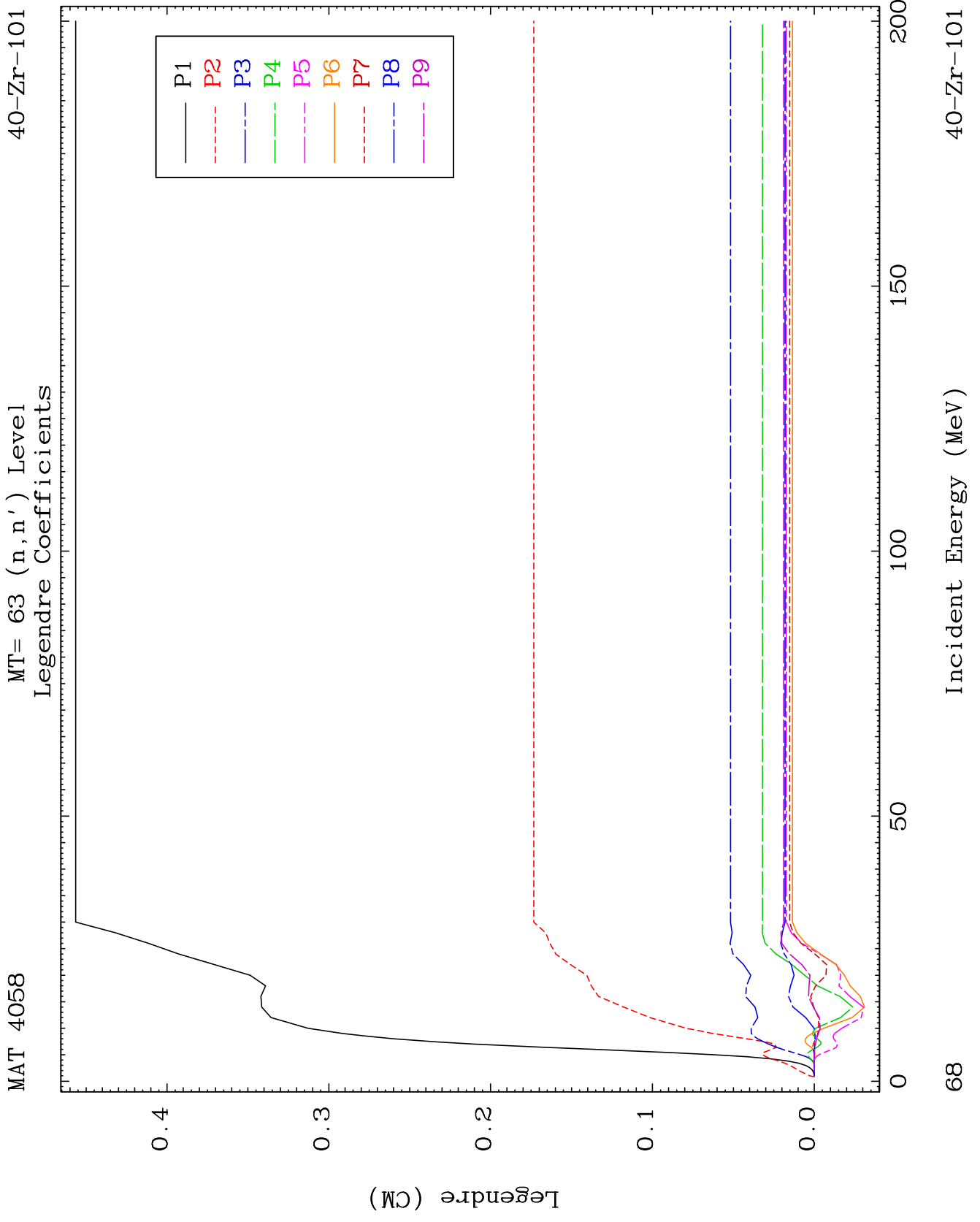


MAT 4058

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

40-Zr-101

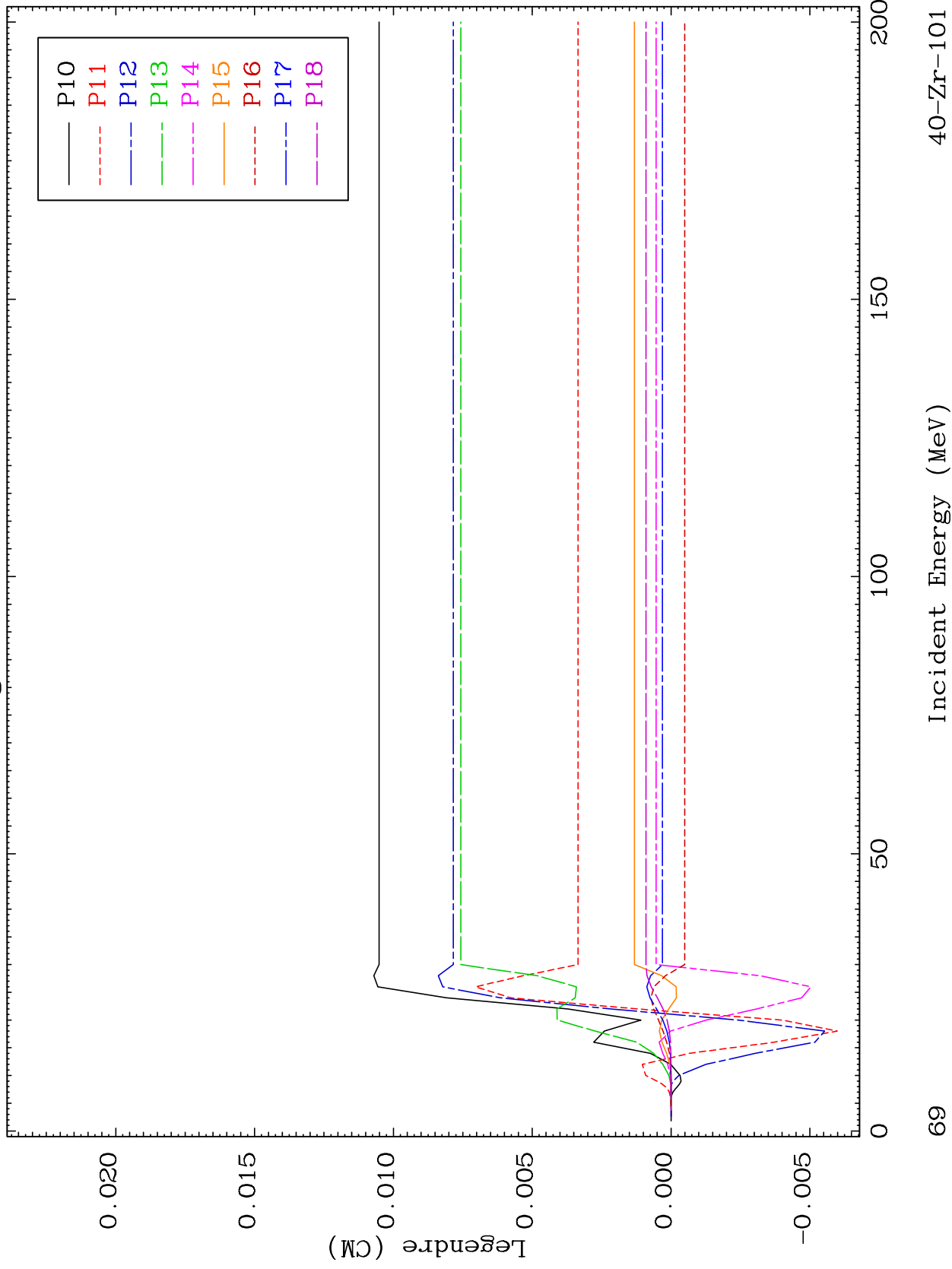




MAT 4058

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

40-Zr-101



69

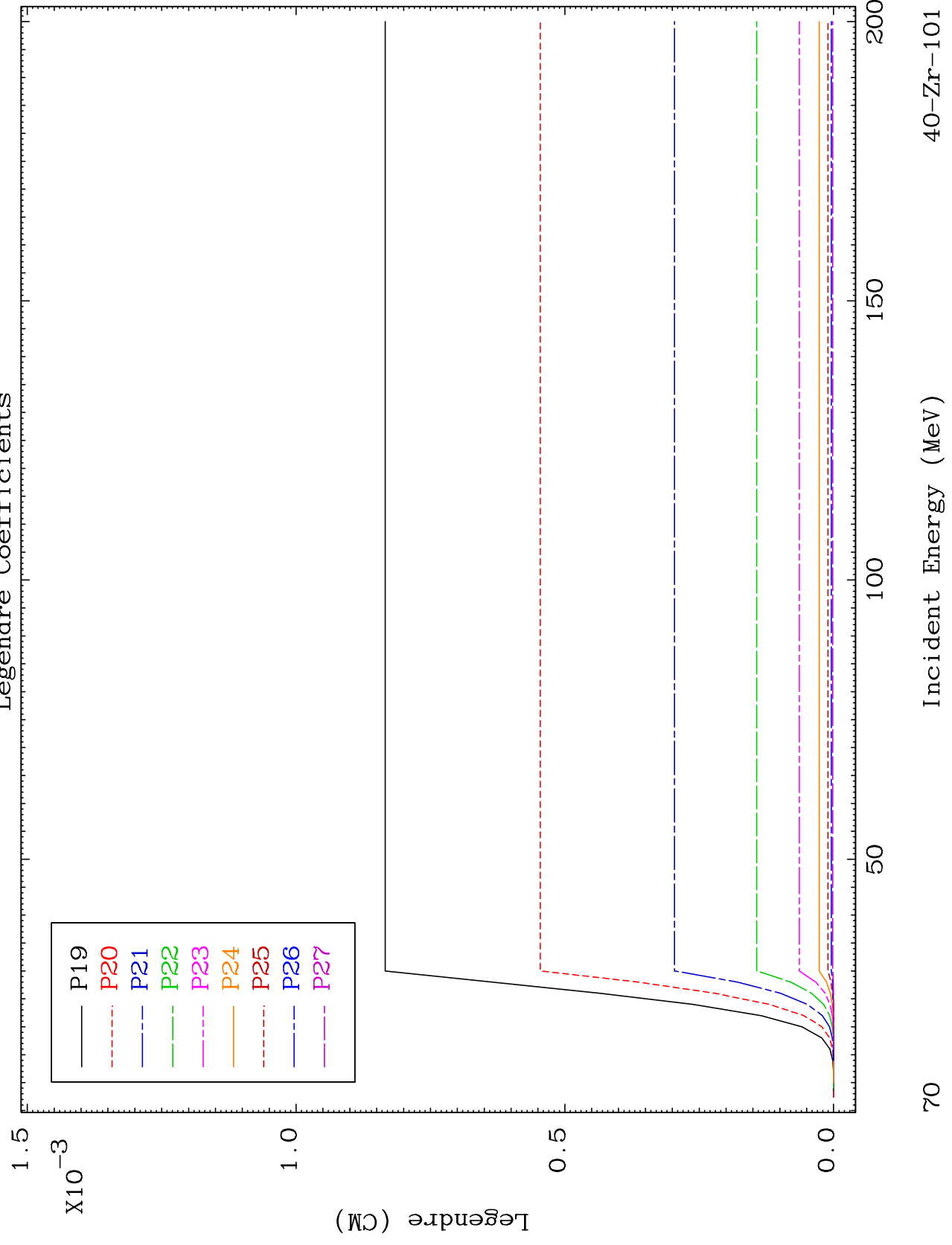
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

40-Zr-101



70

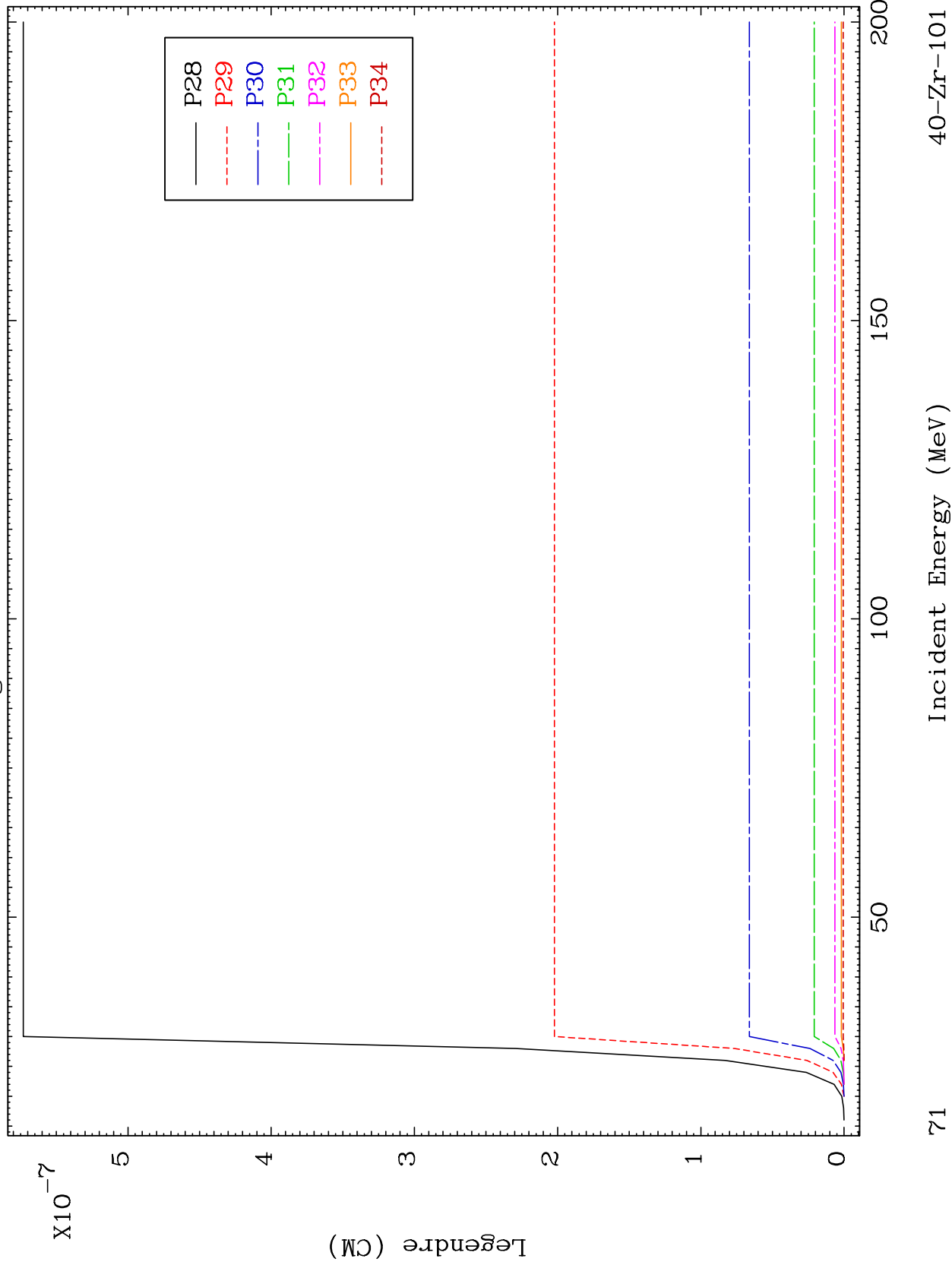
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

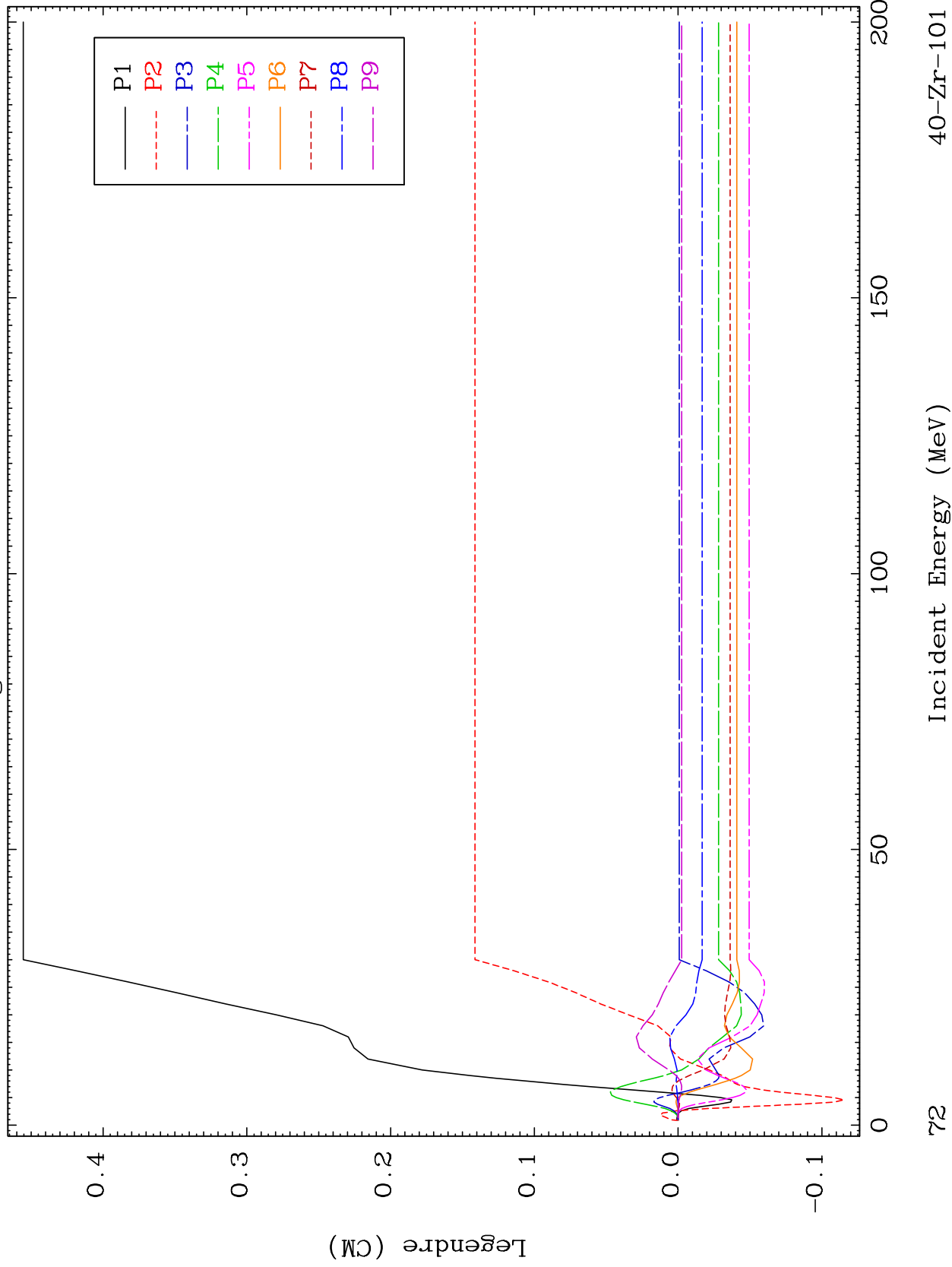
40-Zr-101



MAT 4058

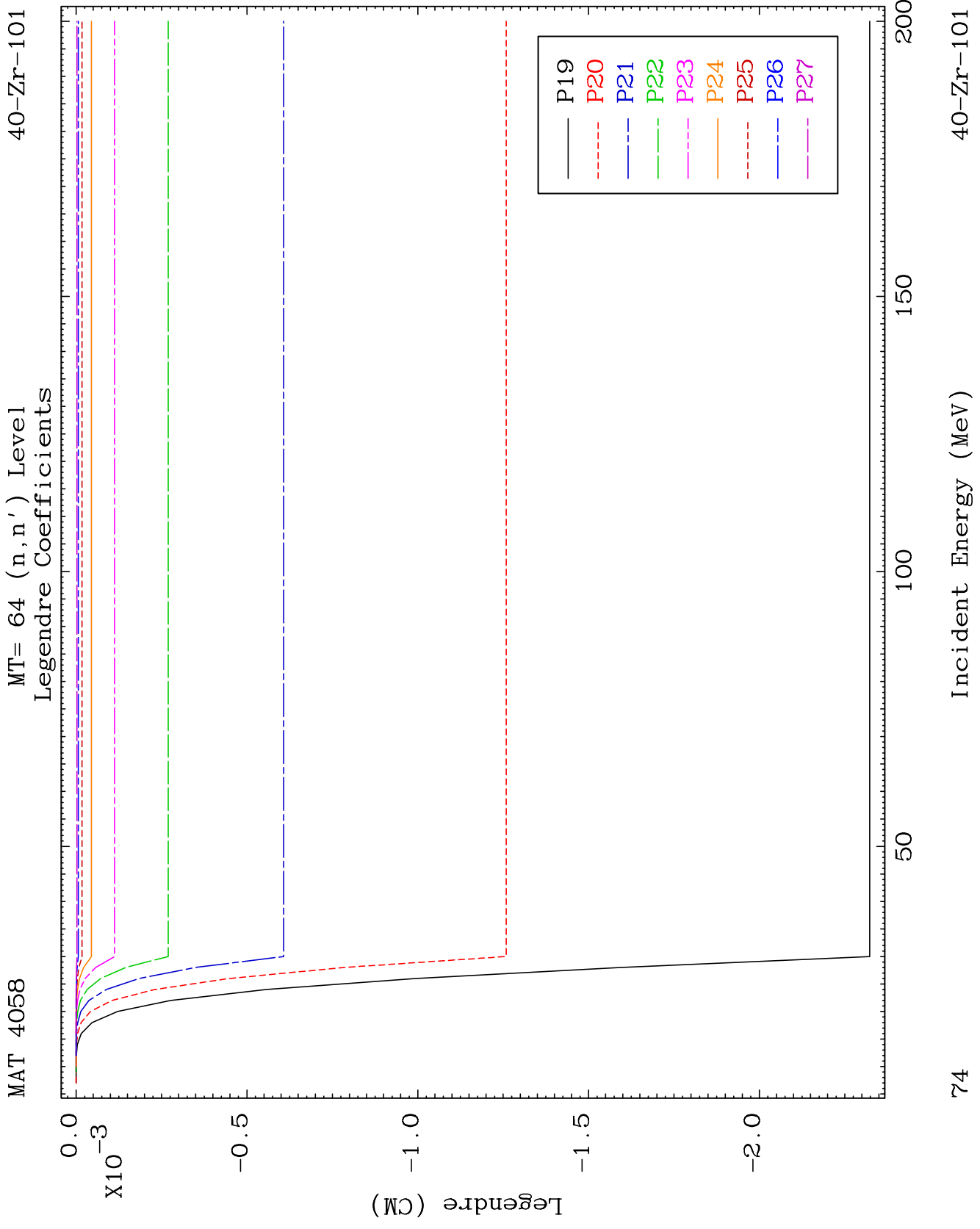
MT= 64 (n,n') Level
Legendre Coefficients

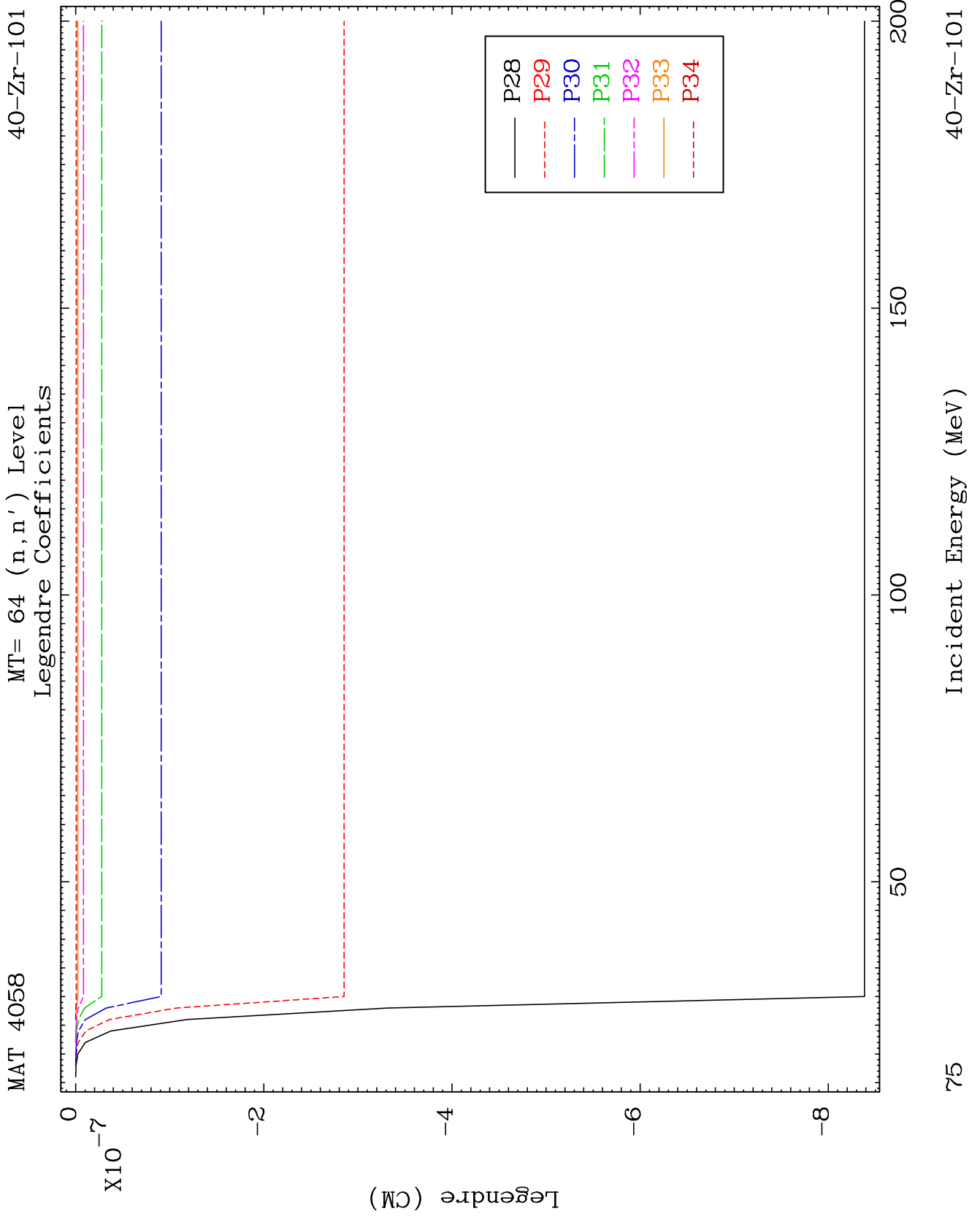
40-Zr-101

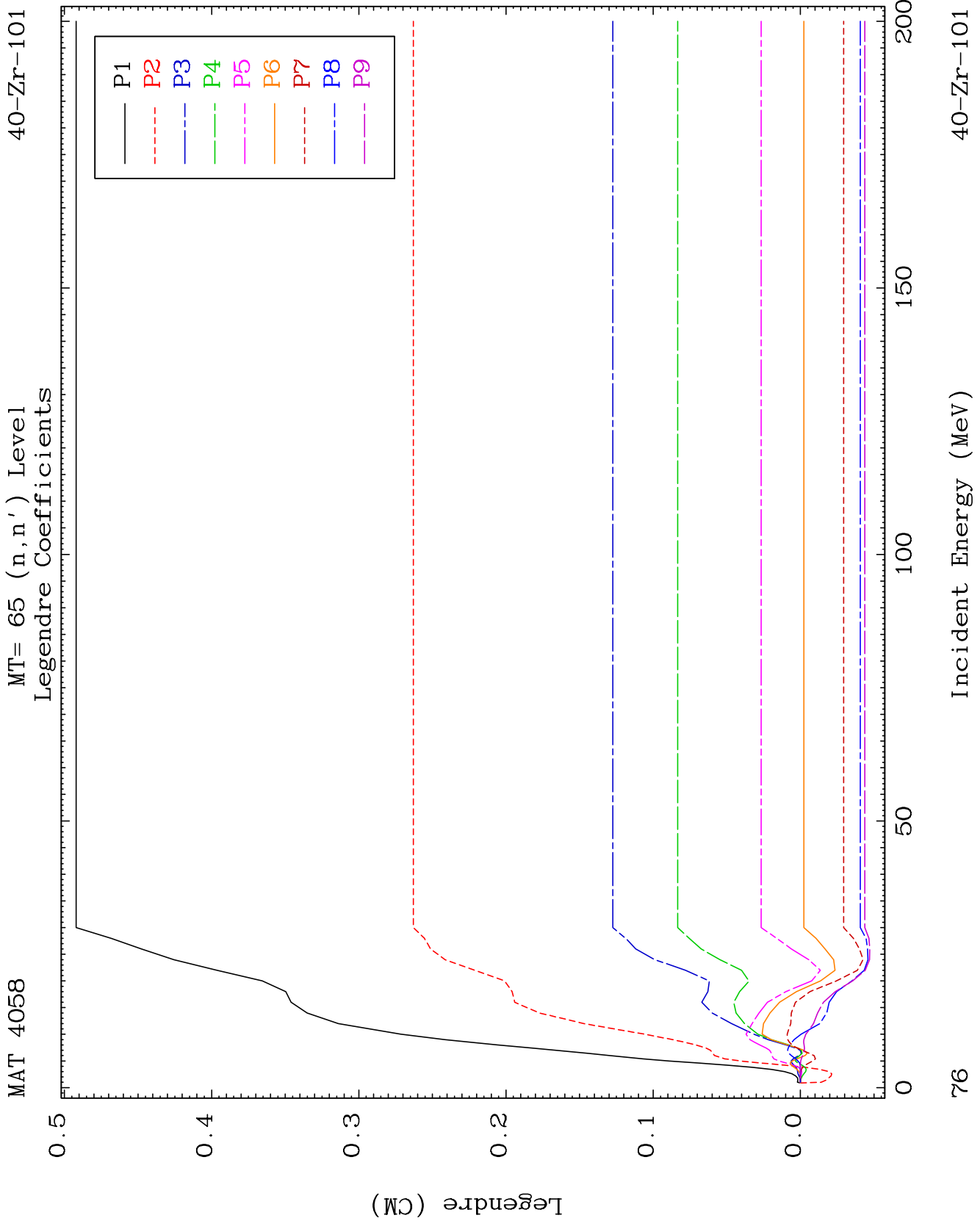


72

40-Zr-101



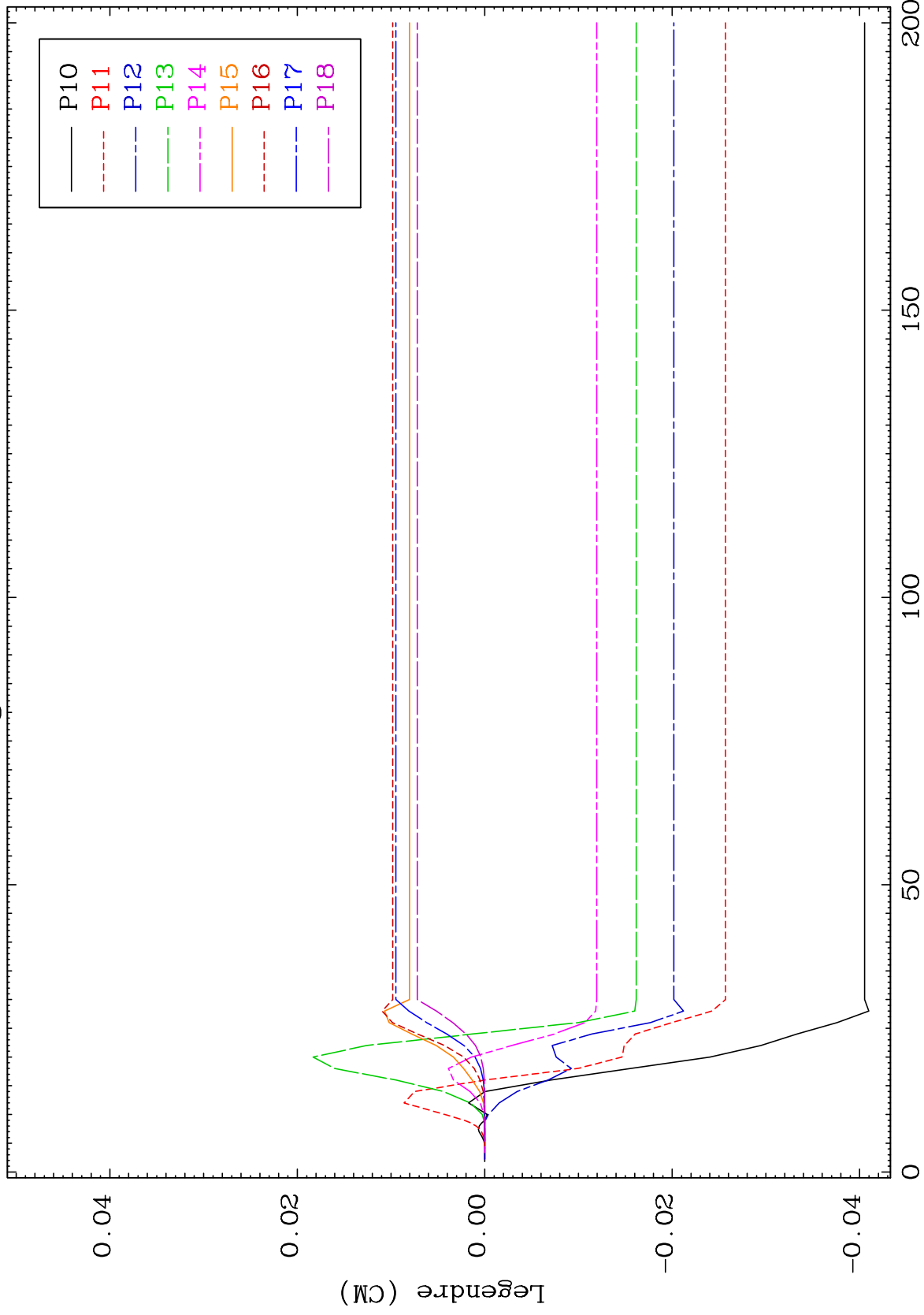




MAT 4058

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

40-Zr-101



77

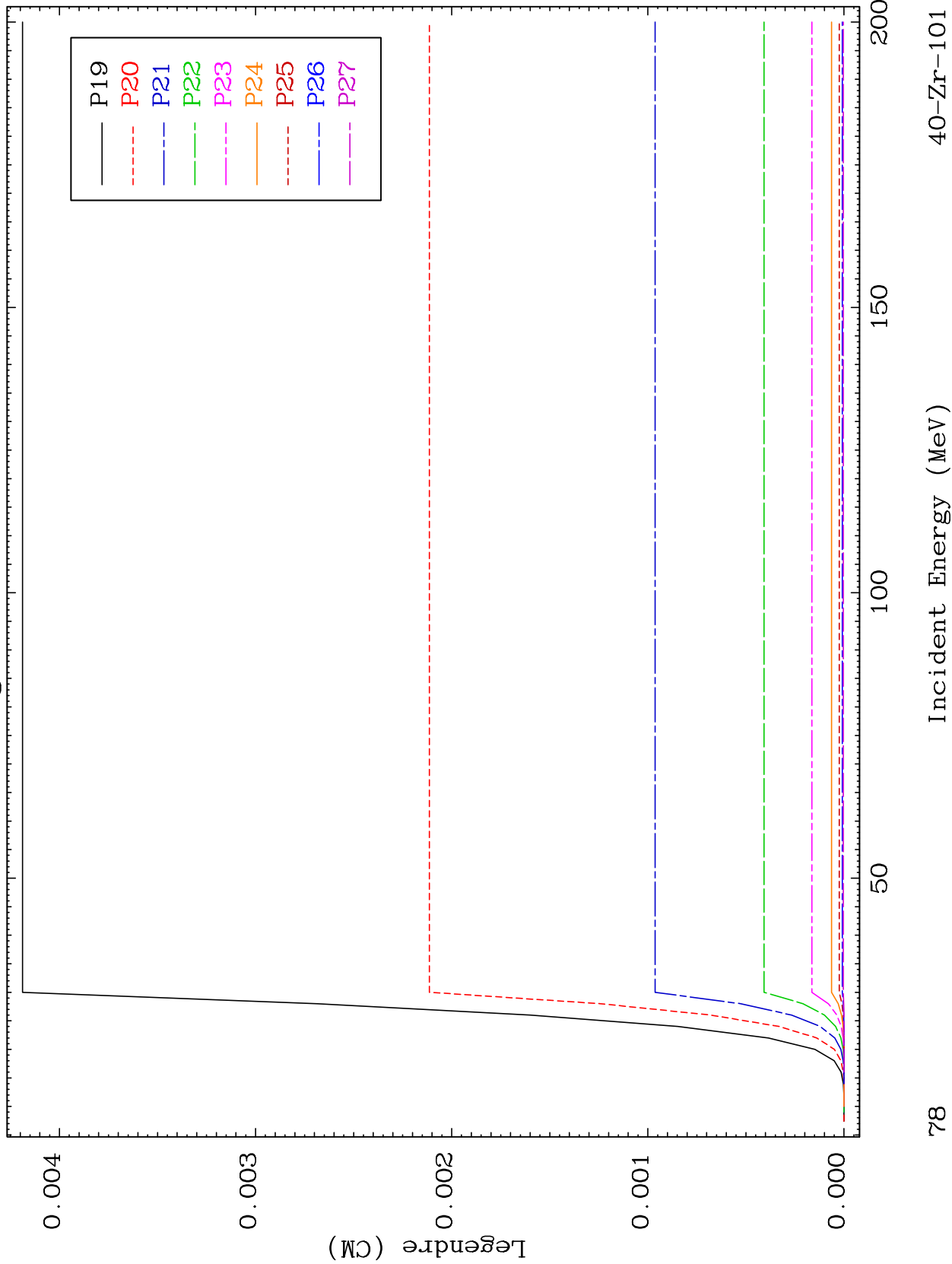
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

40-Zr-101



78

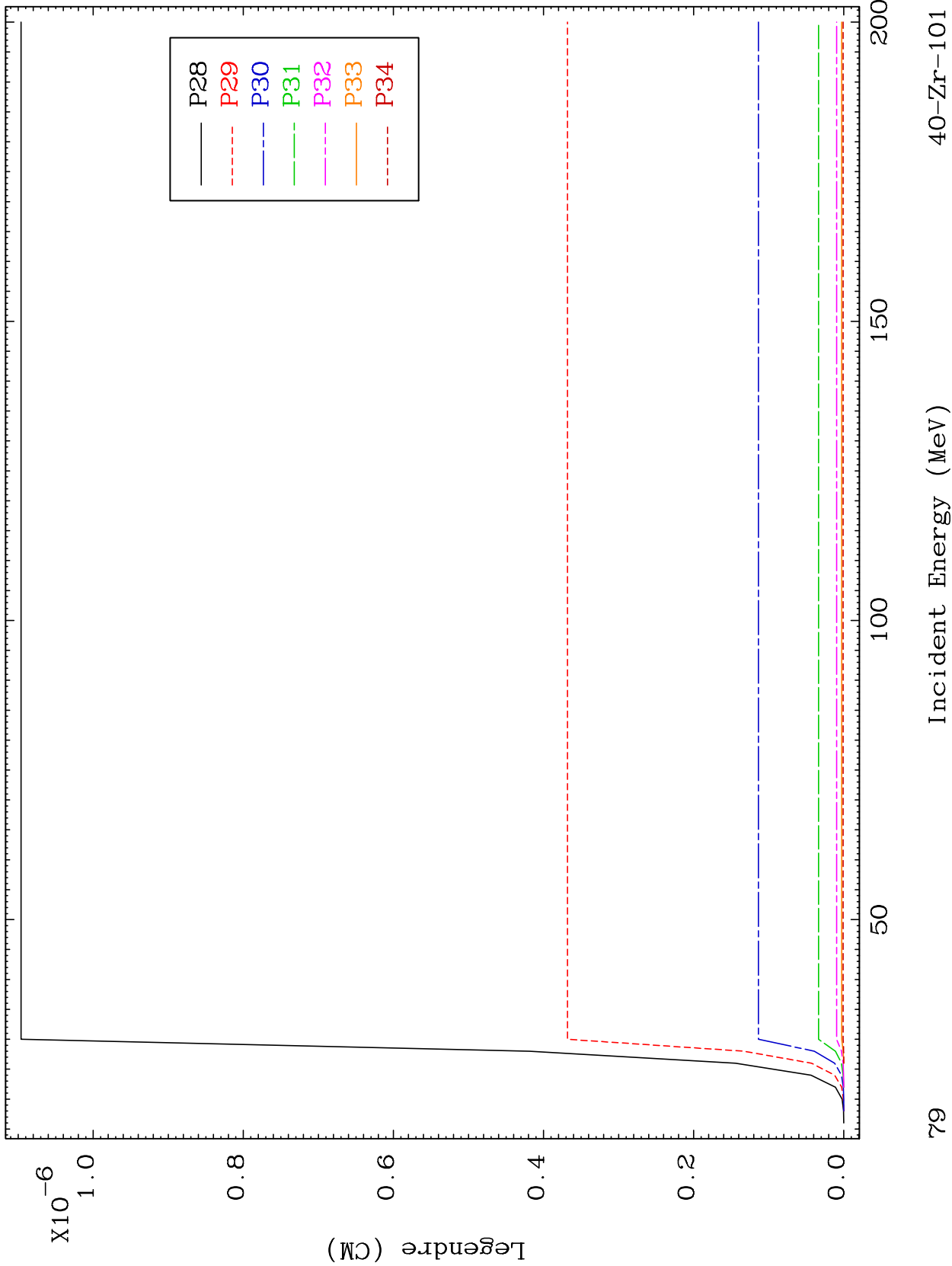
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

40-Zr-101



79

Incident Energy (MeV)

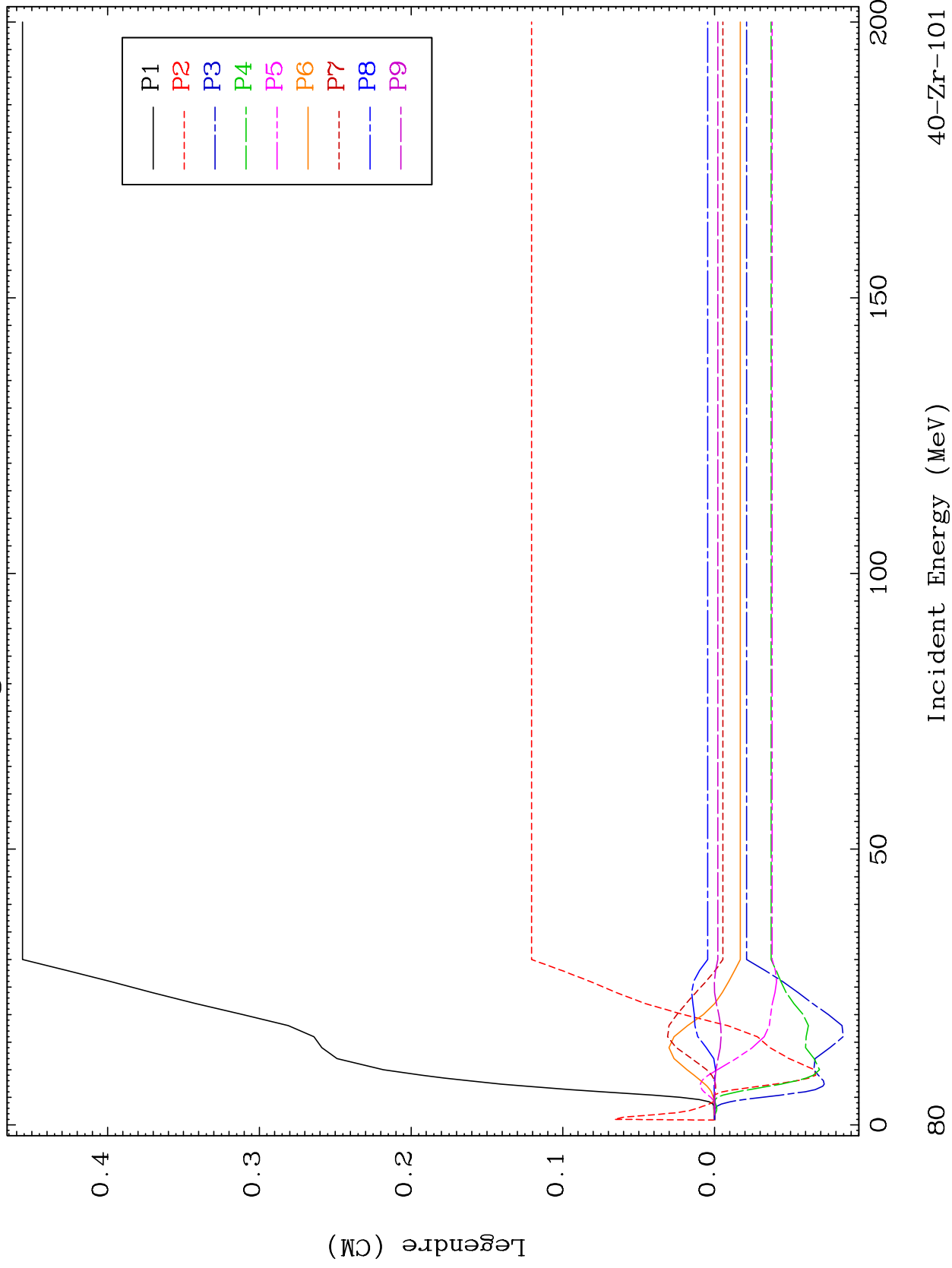
40-Zr-101

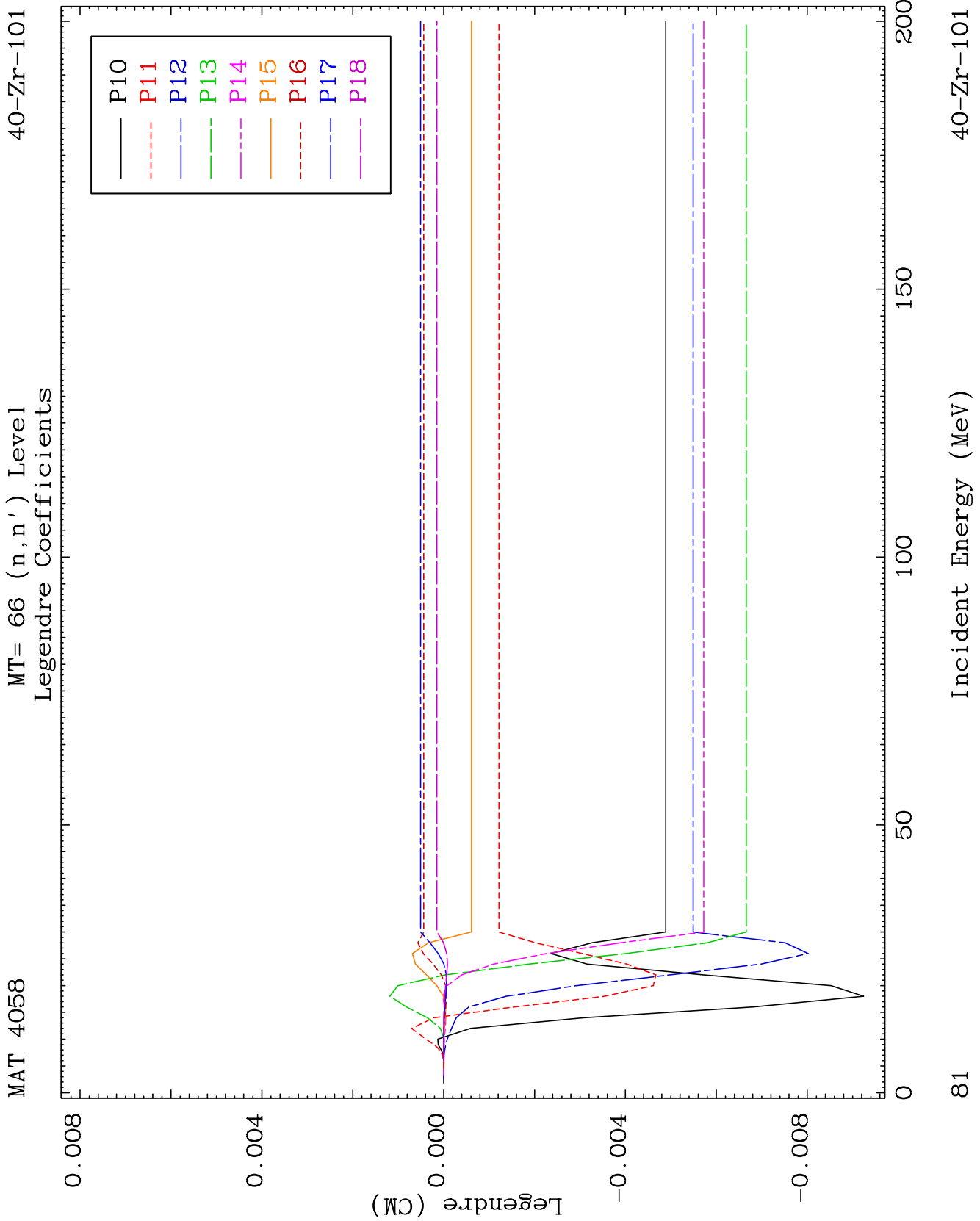
MAT 4058

MT= 66 (n,n') Level

40-Zr-101

Legendre Coefficients

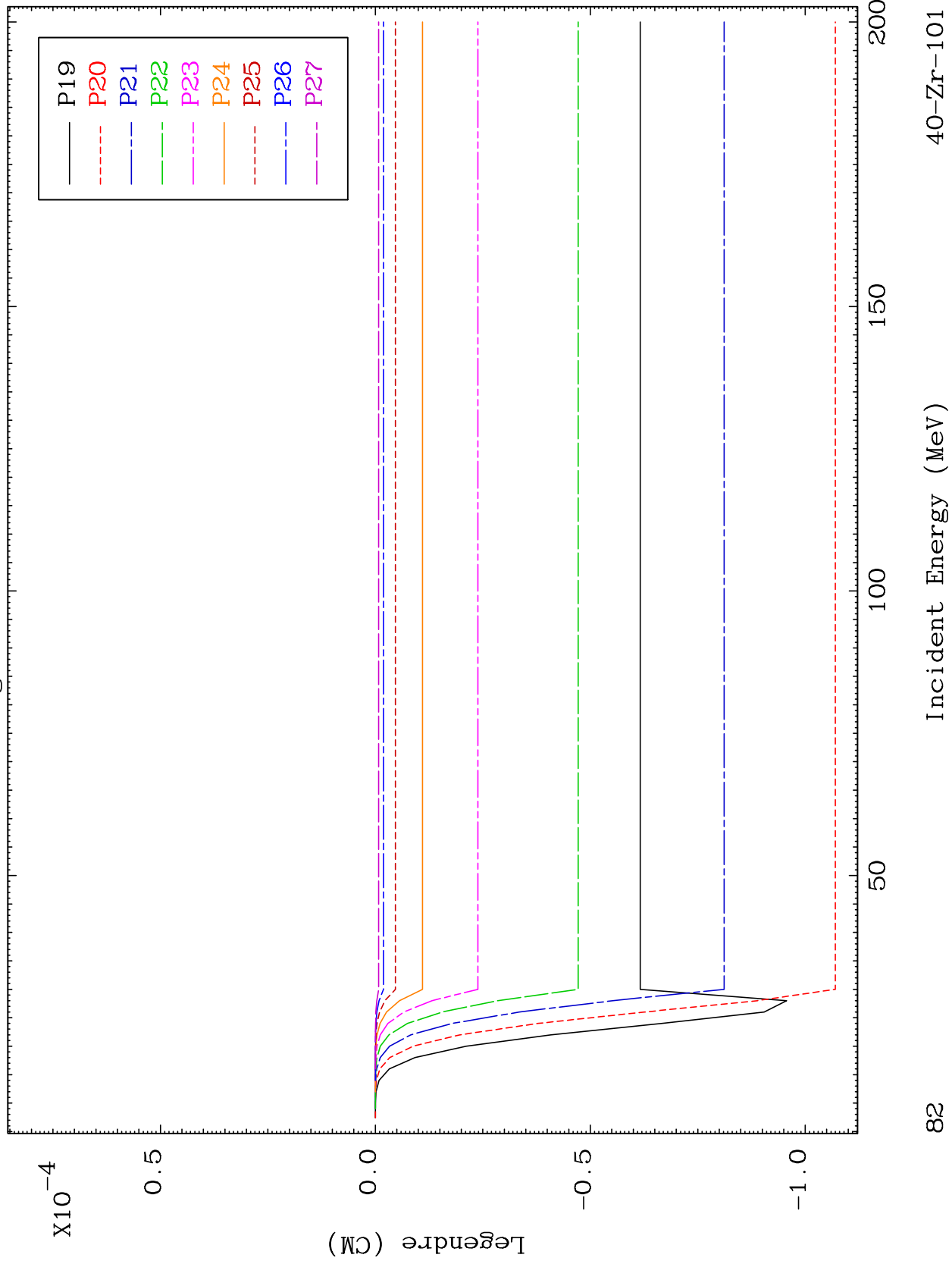




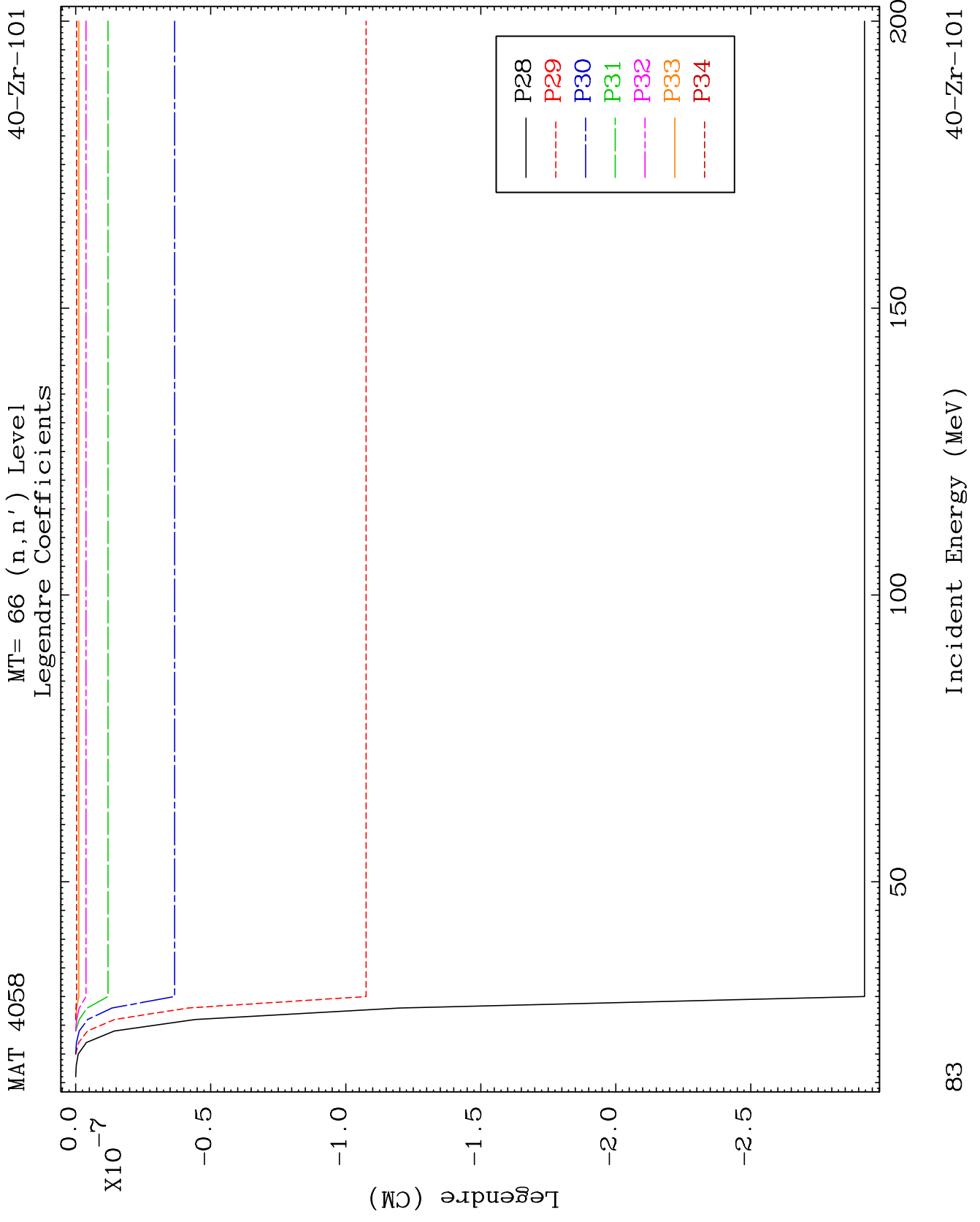
MAT 4058

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

40-Zr-101



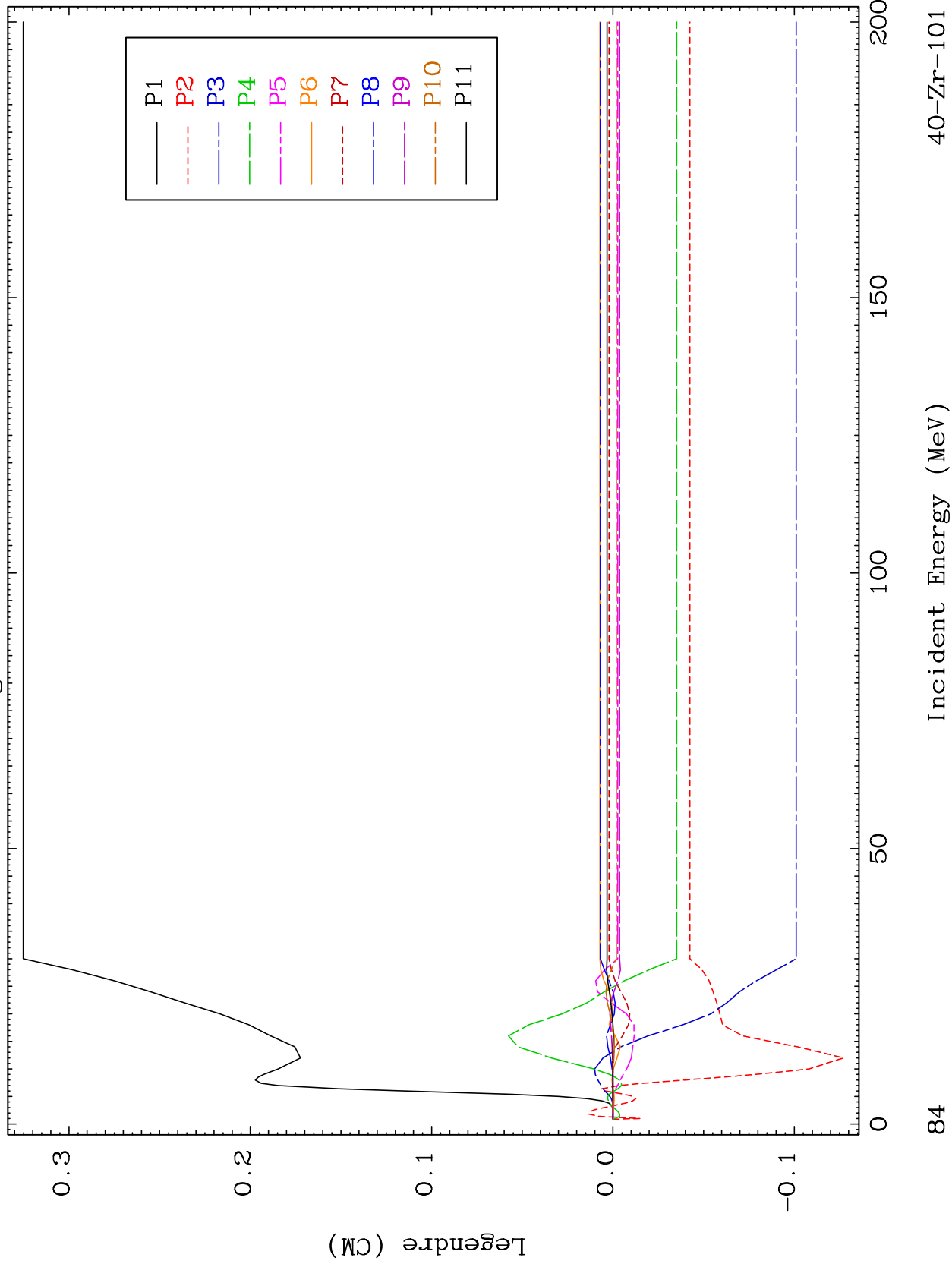
82



MAT 4058

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

40-Zr-101

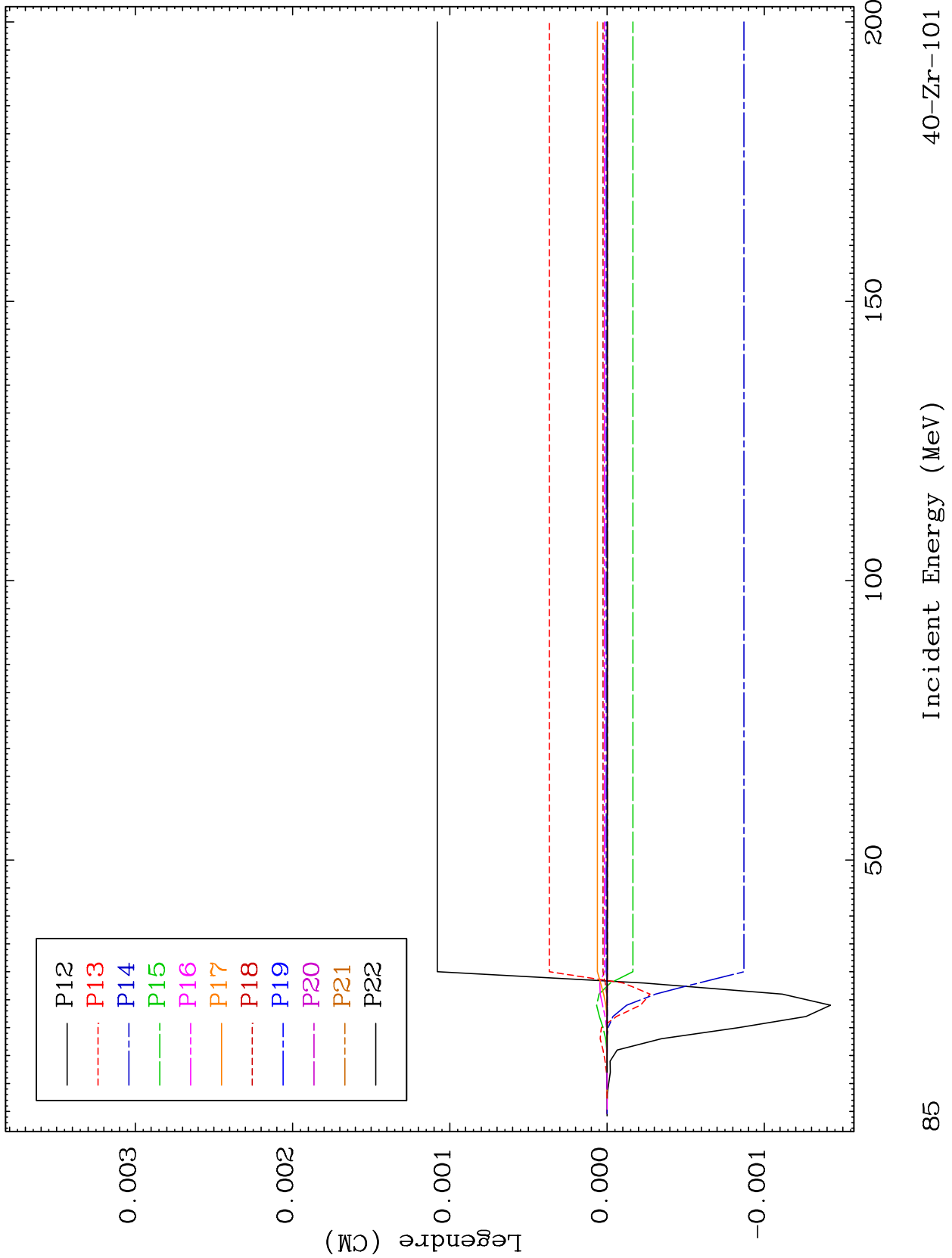


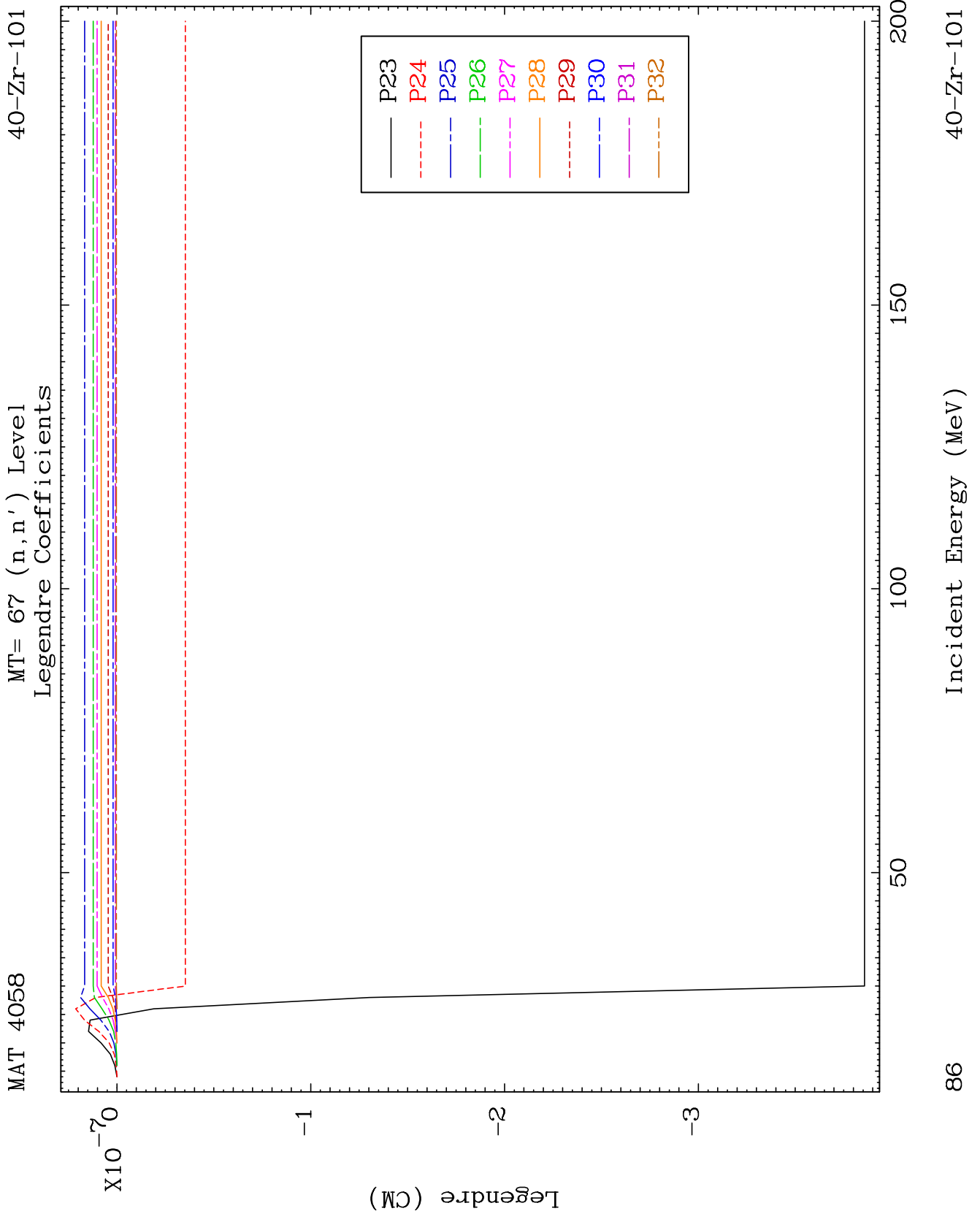
84

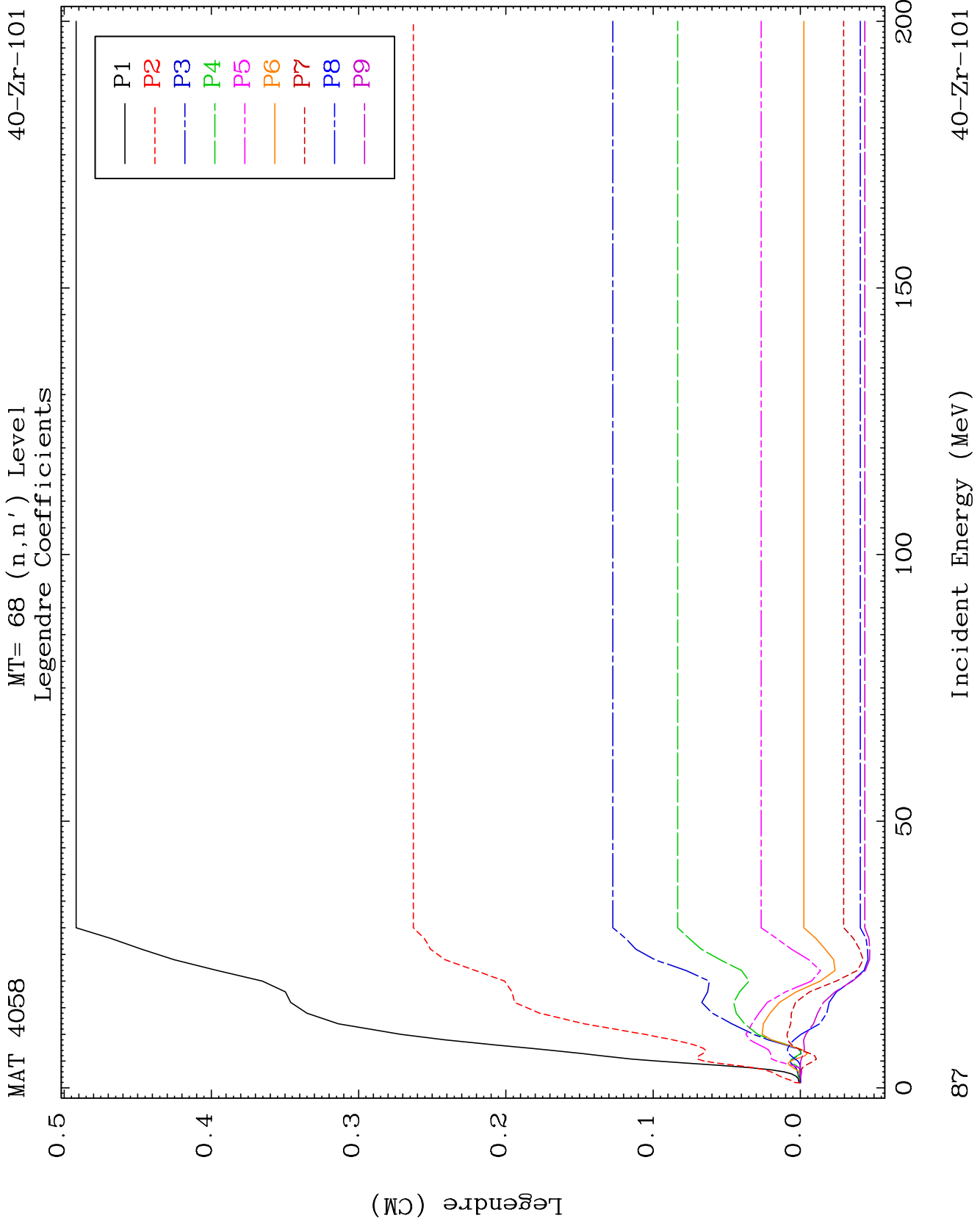
MAT 4058

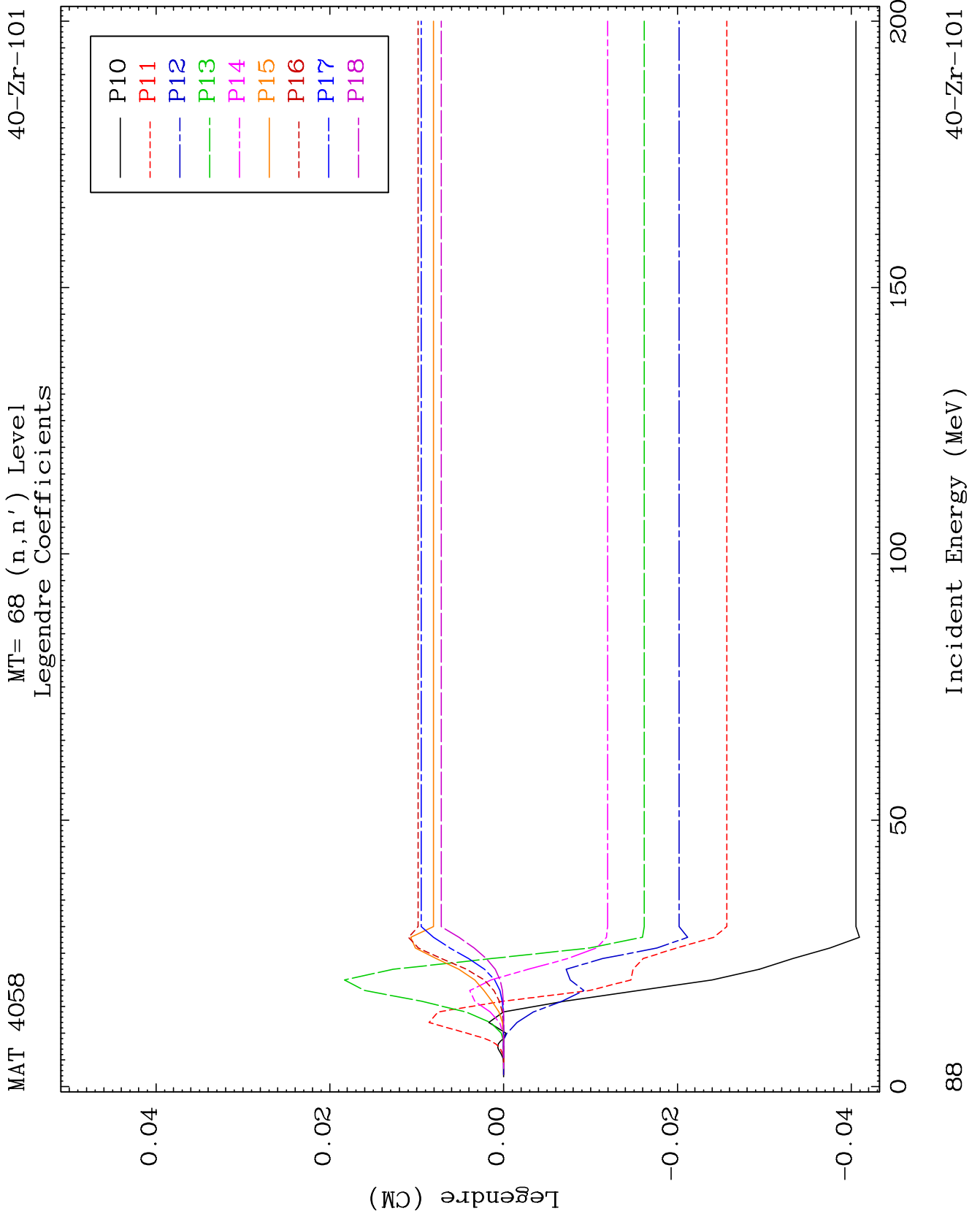
MT= 67 (n,n') Level
Legendre Coefficients

40-Zr-101





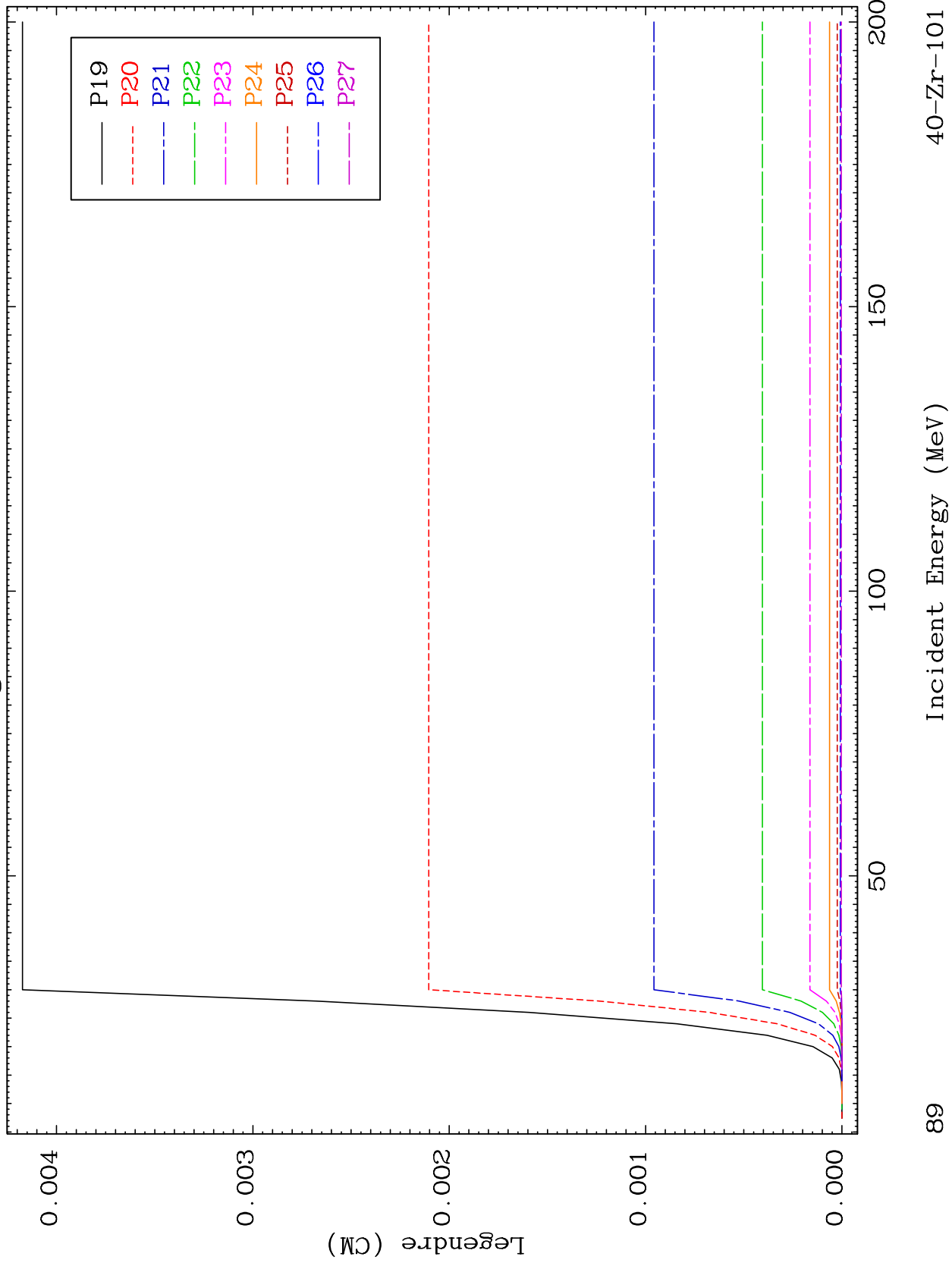




MAT 4058

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

40-Zr-101



89

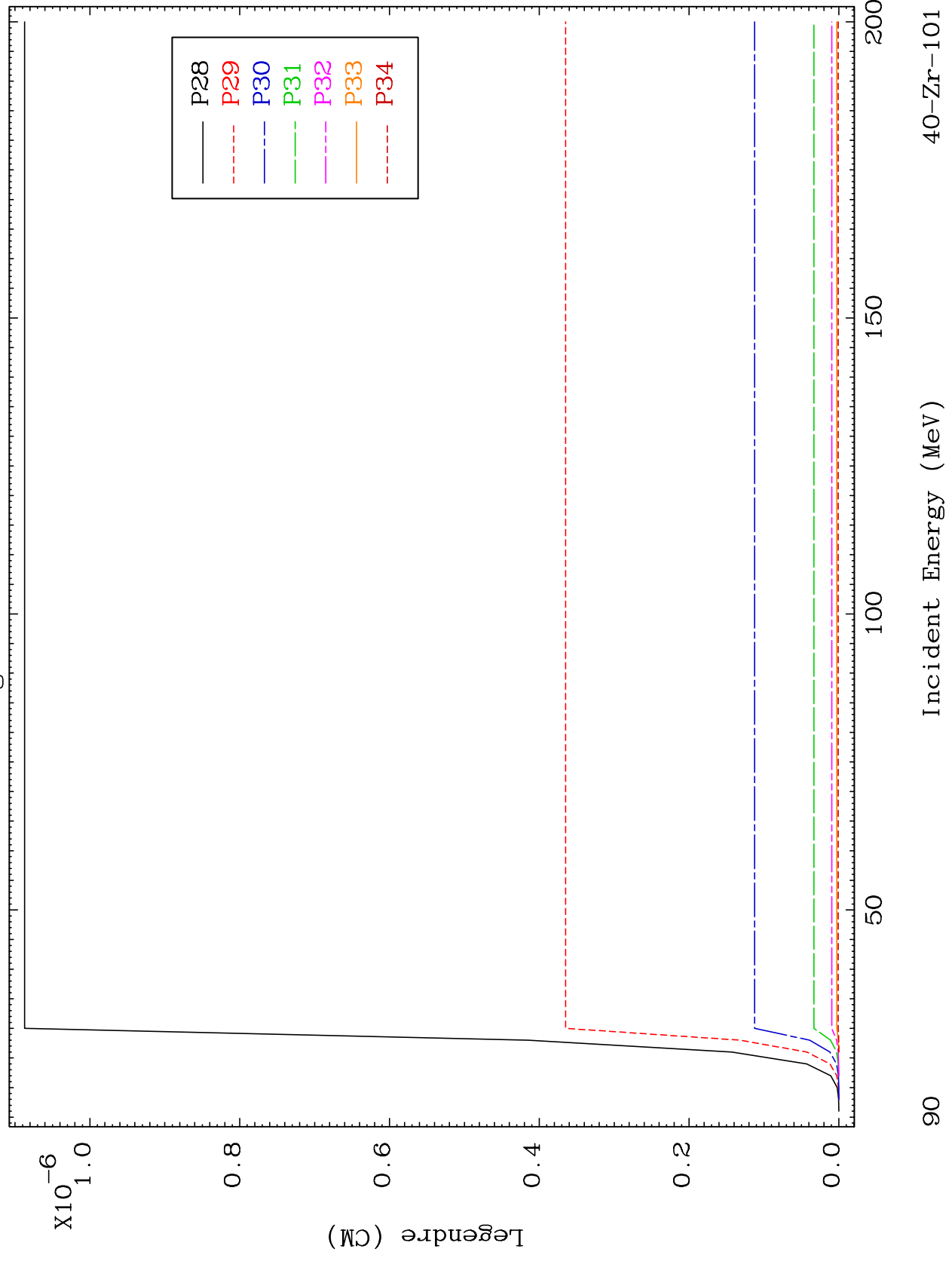
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

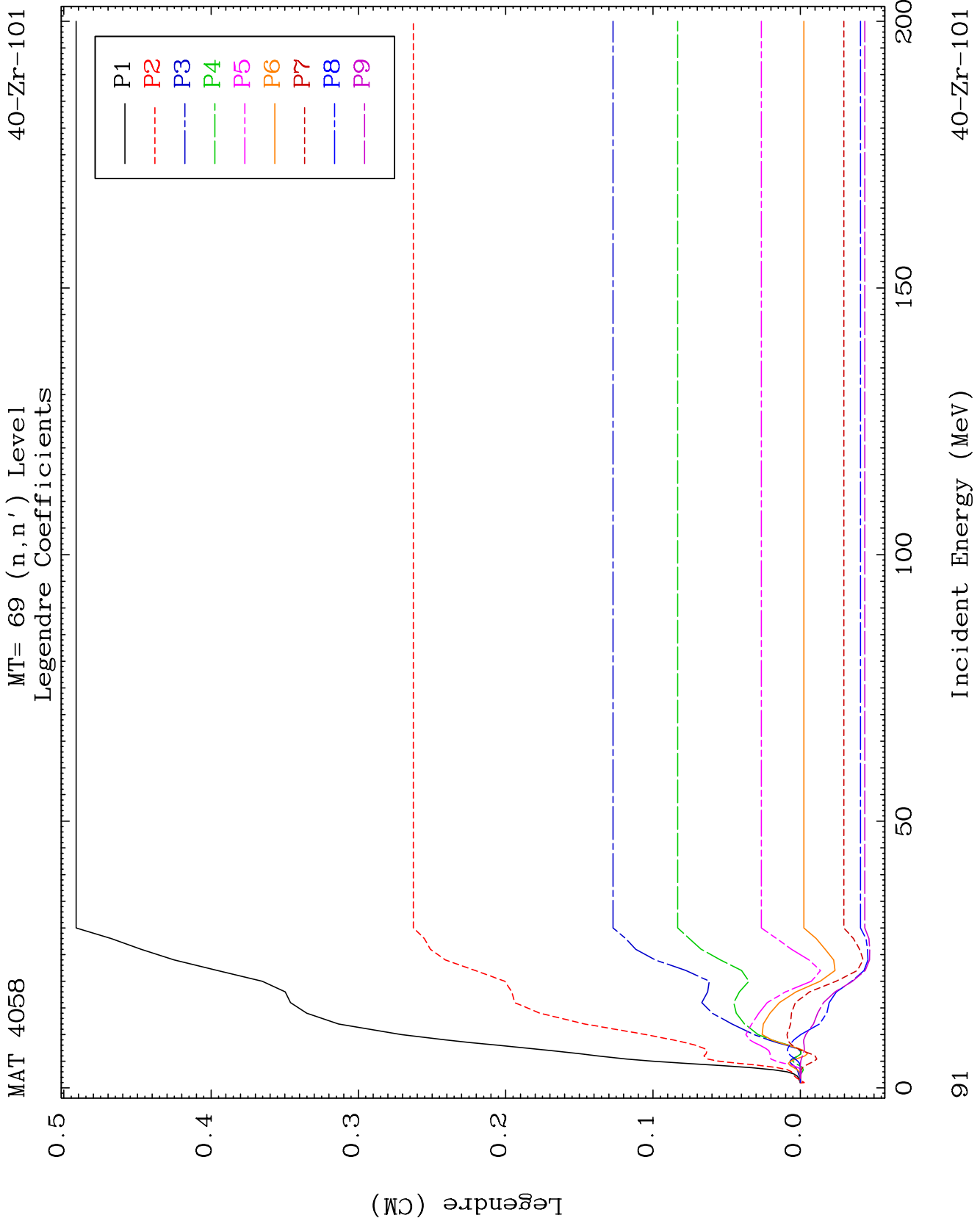
40-Zr-101



90

Incident Energy (MeV)

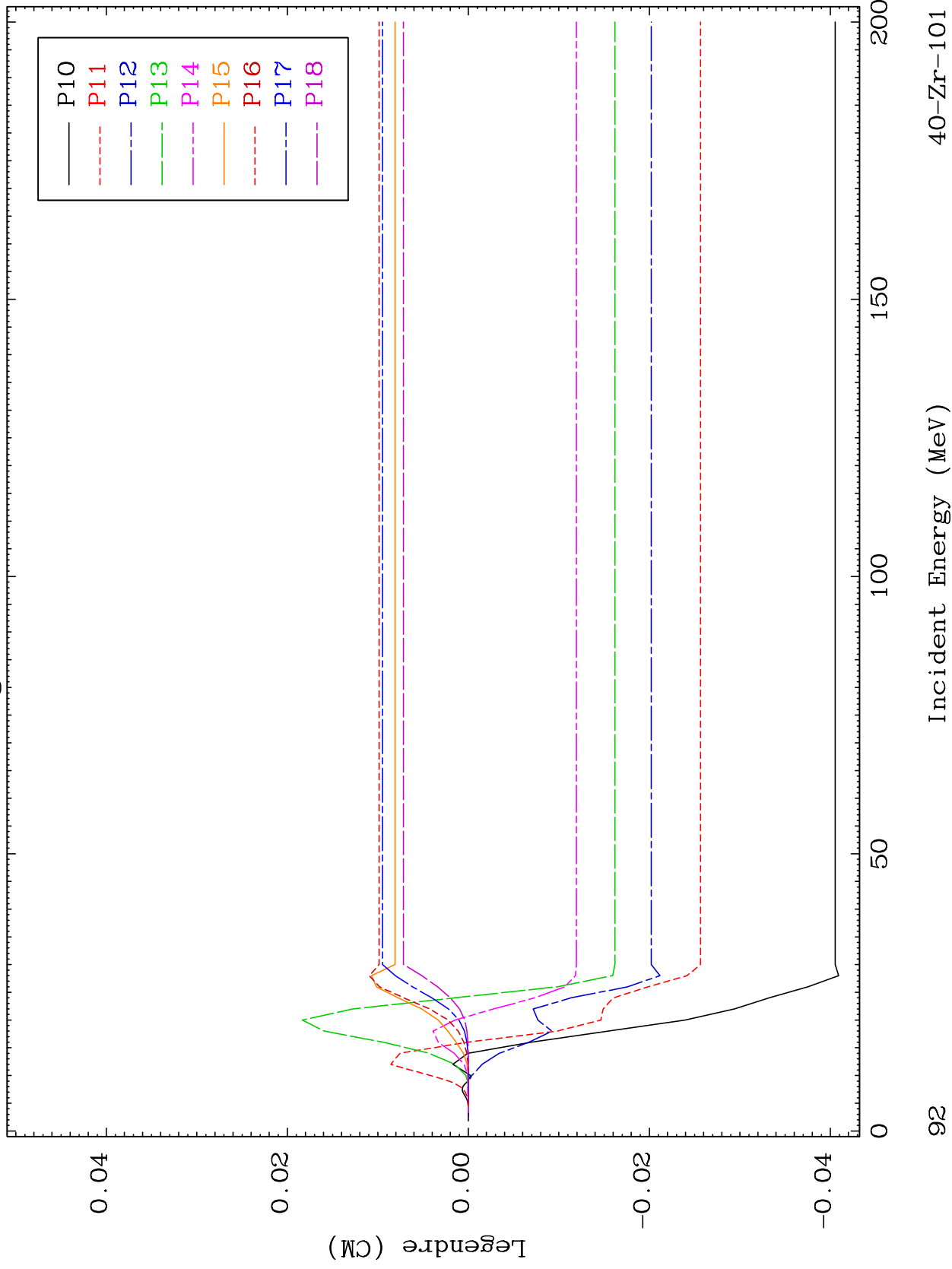
40-Zr-101



MAT 4058

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

40-Zr-101



40-Zr-101

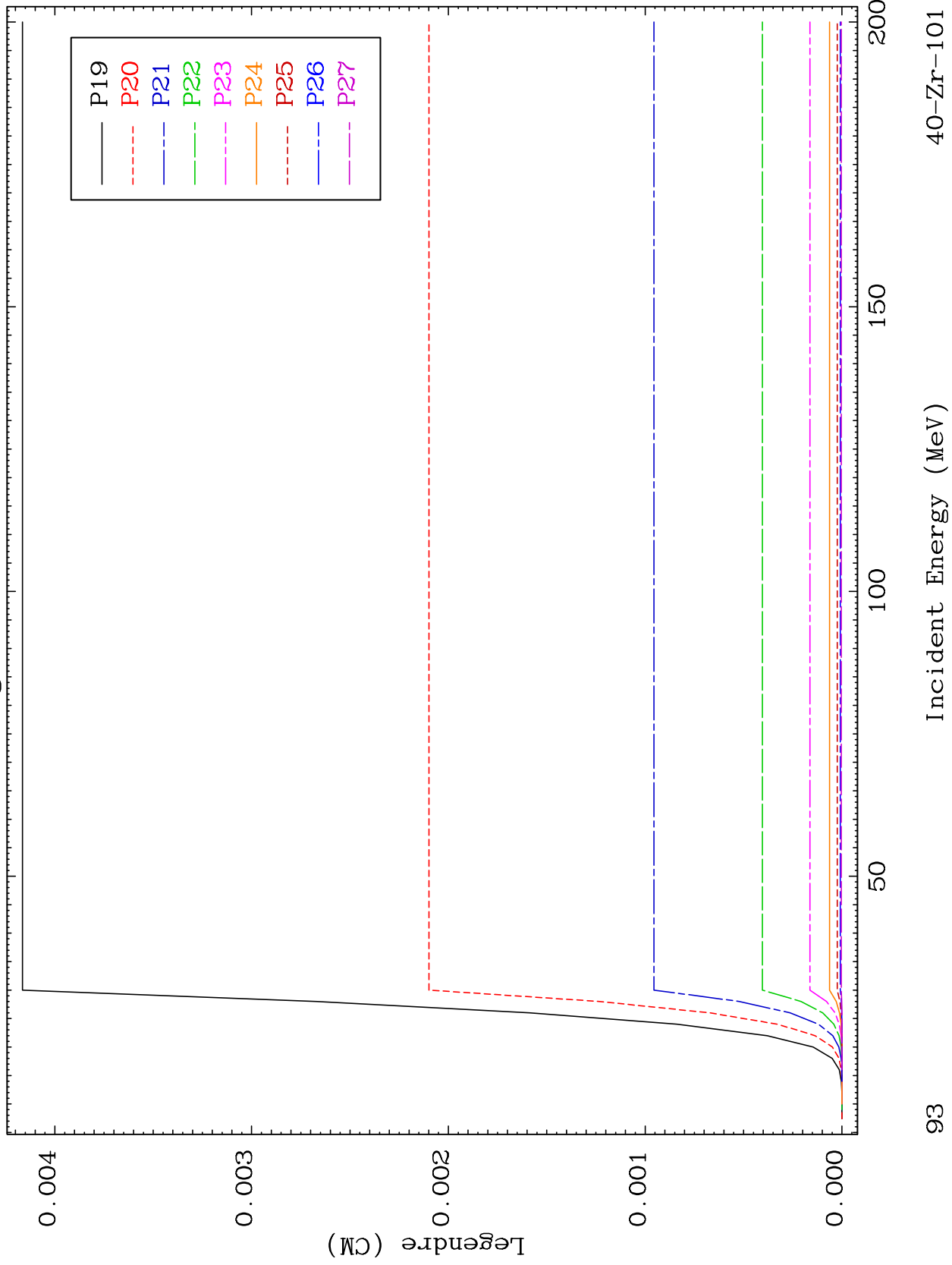
Incident Energy (MeV)

92

MAT 4058

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

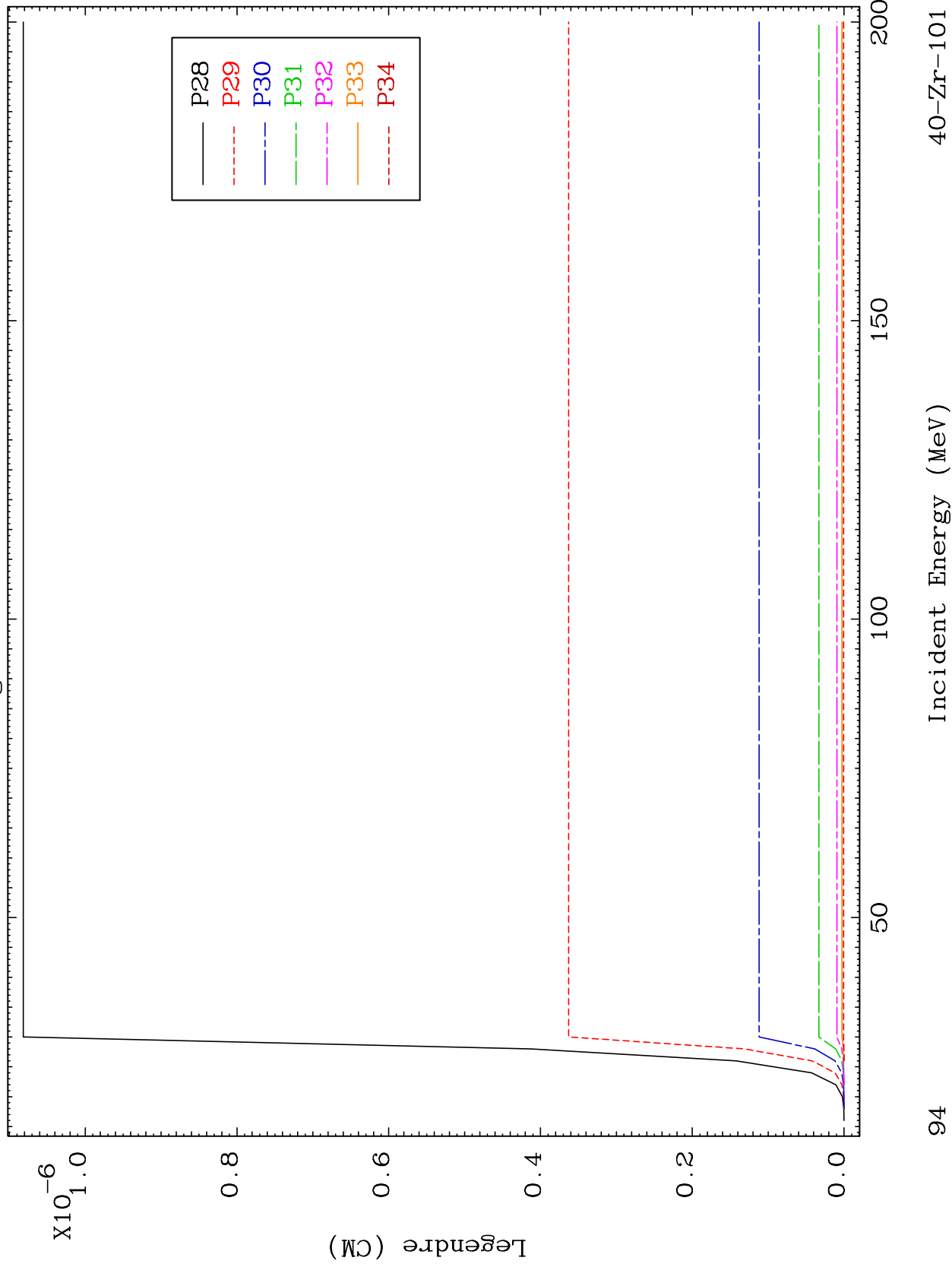
40-Zr-101



MAT 4058

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

40-Zr-101



94

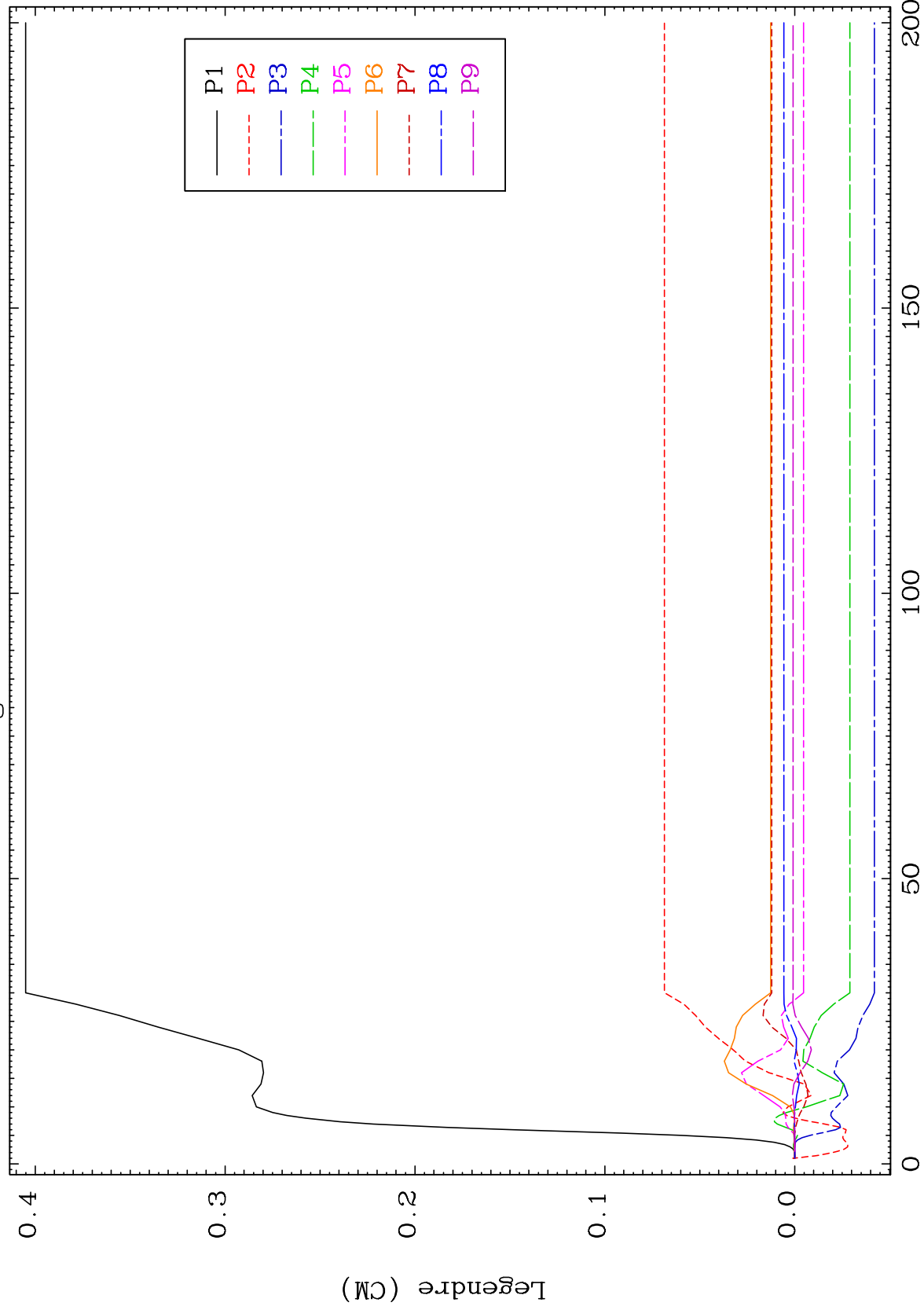
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

40-Zr-101



95

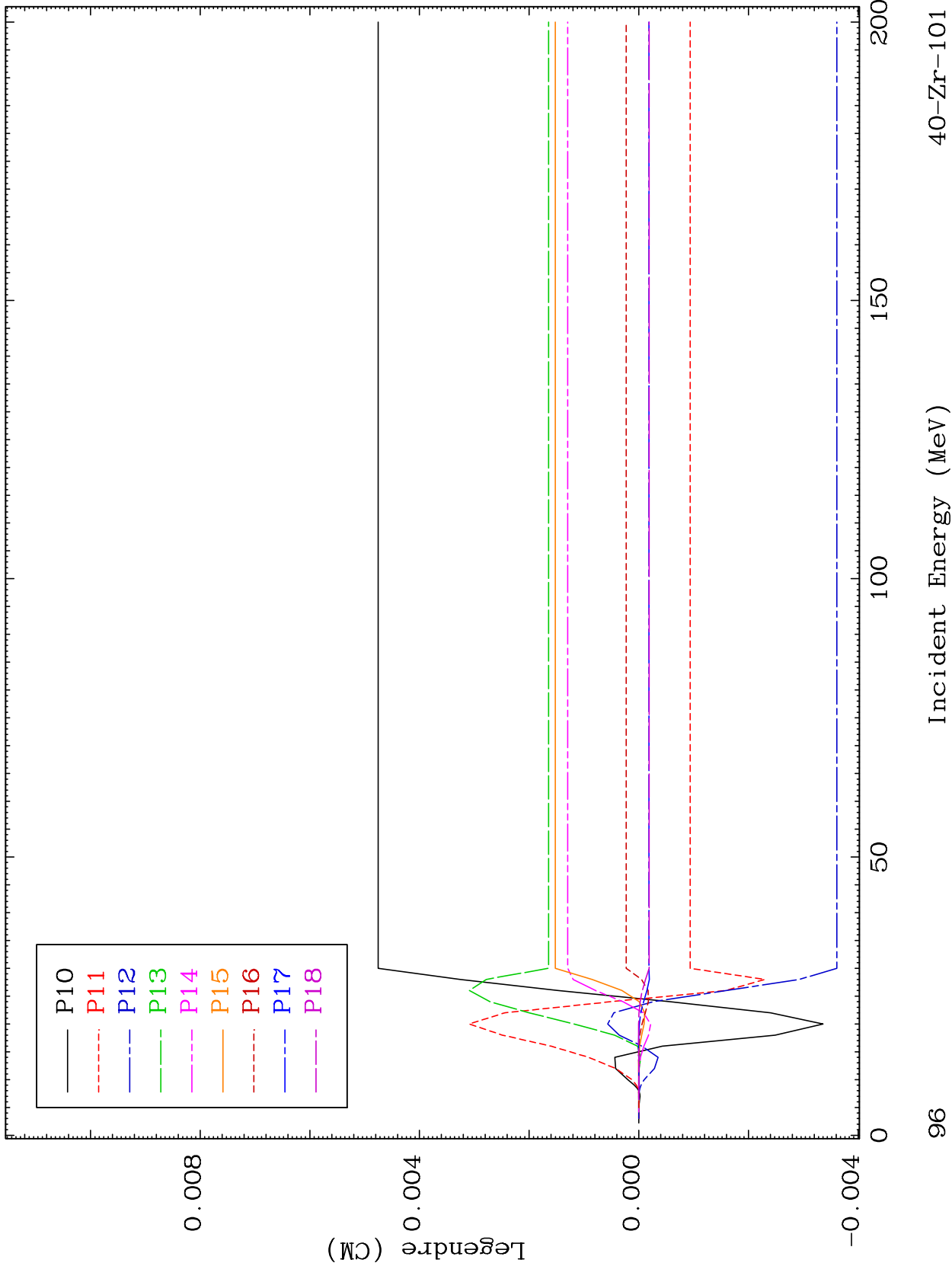
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

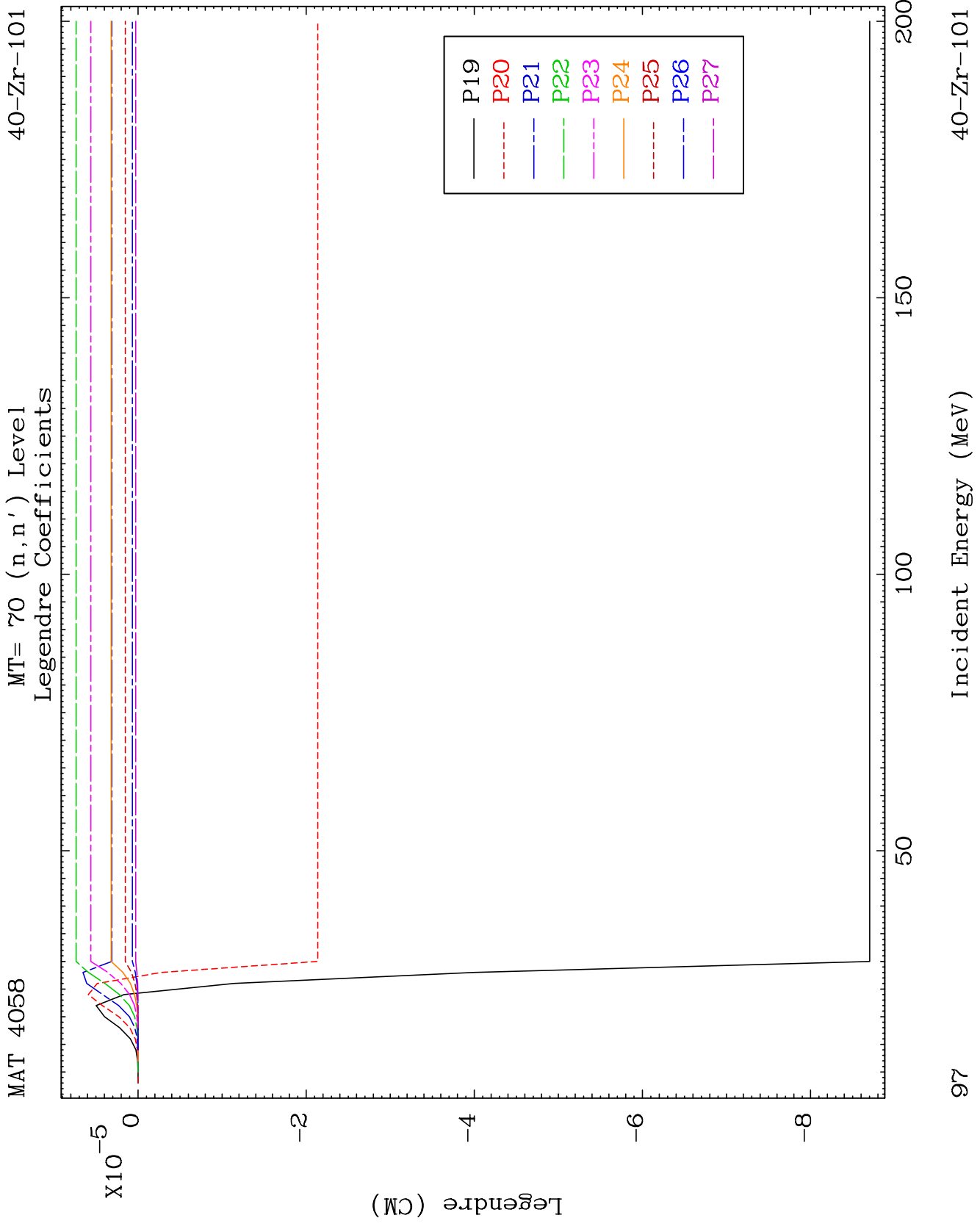
40-Zr-101



96

Incident Energy (MeV)

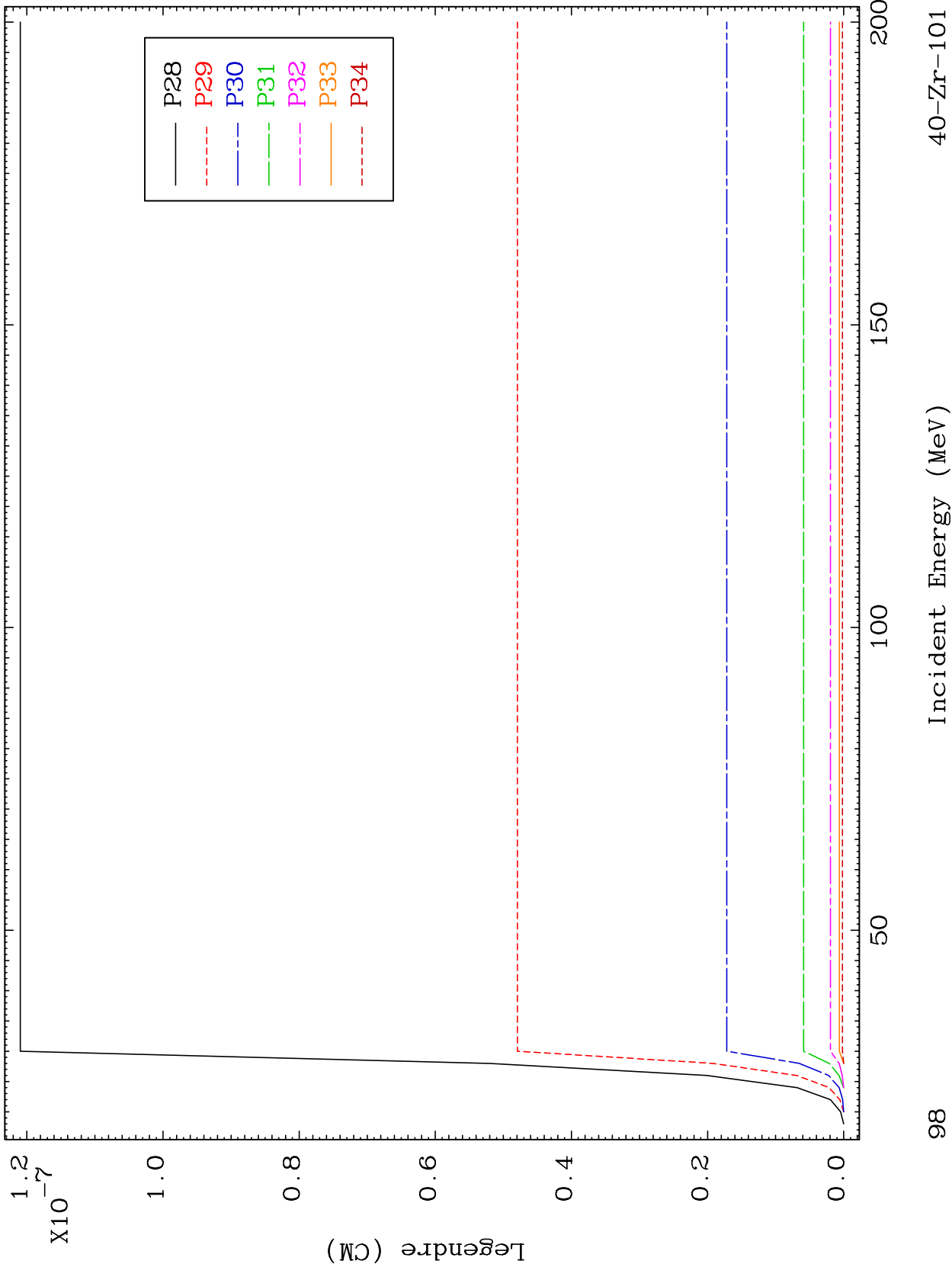
40-Zr-101



MAT 4058

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

40-Zr-101



98

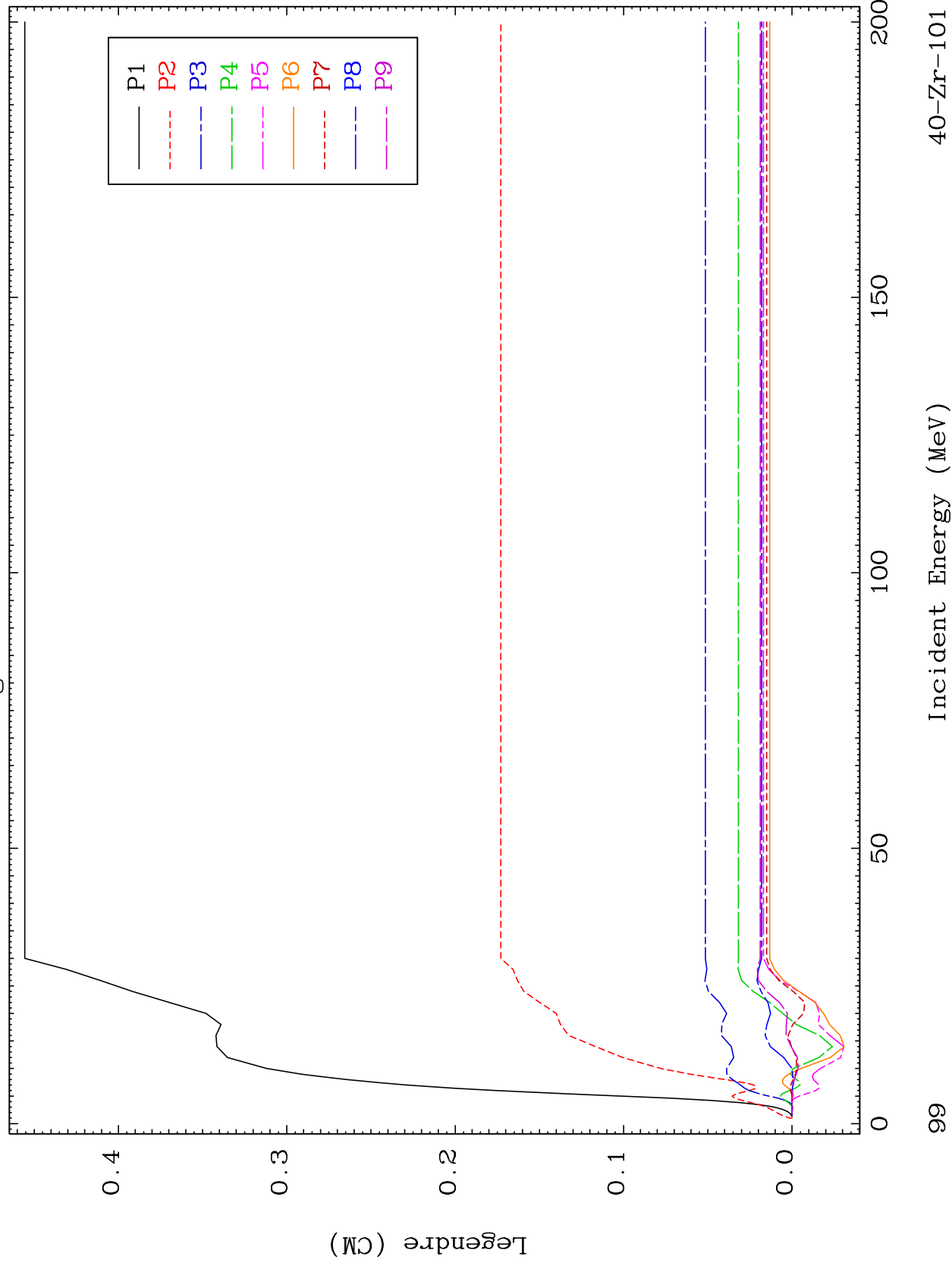
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

40-Zr-101



99

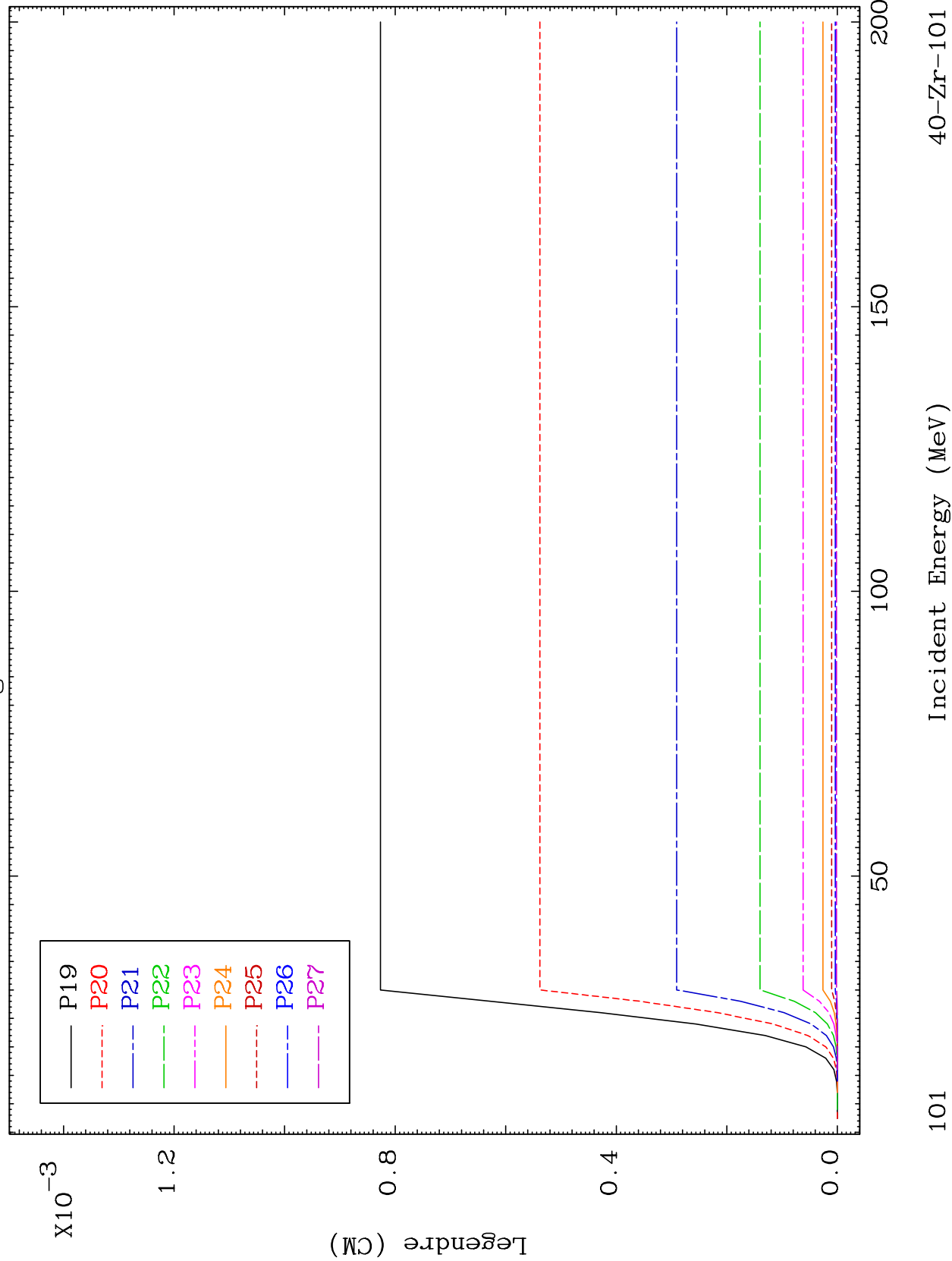
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

40-Zr-101



101

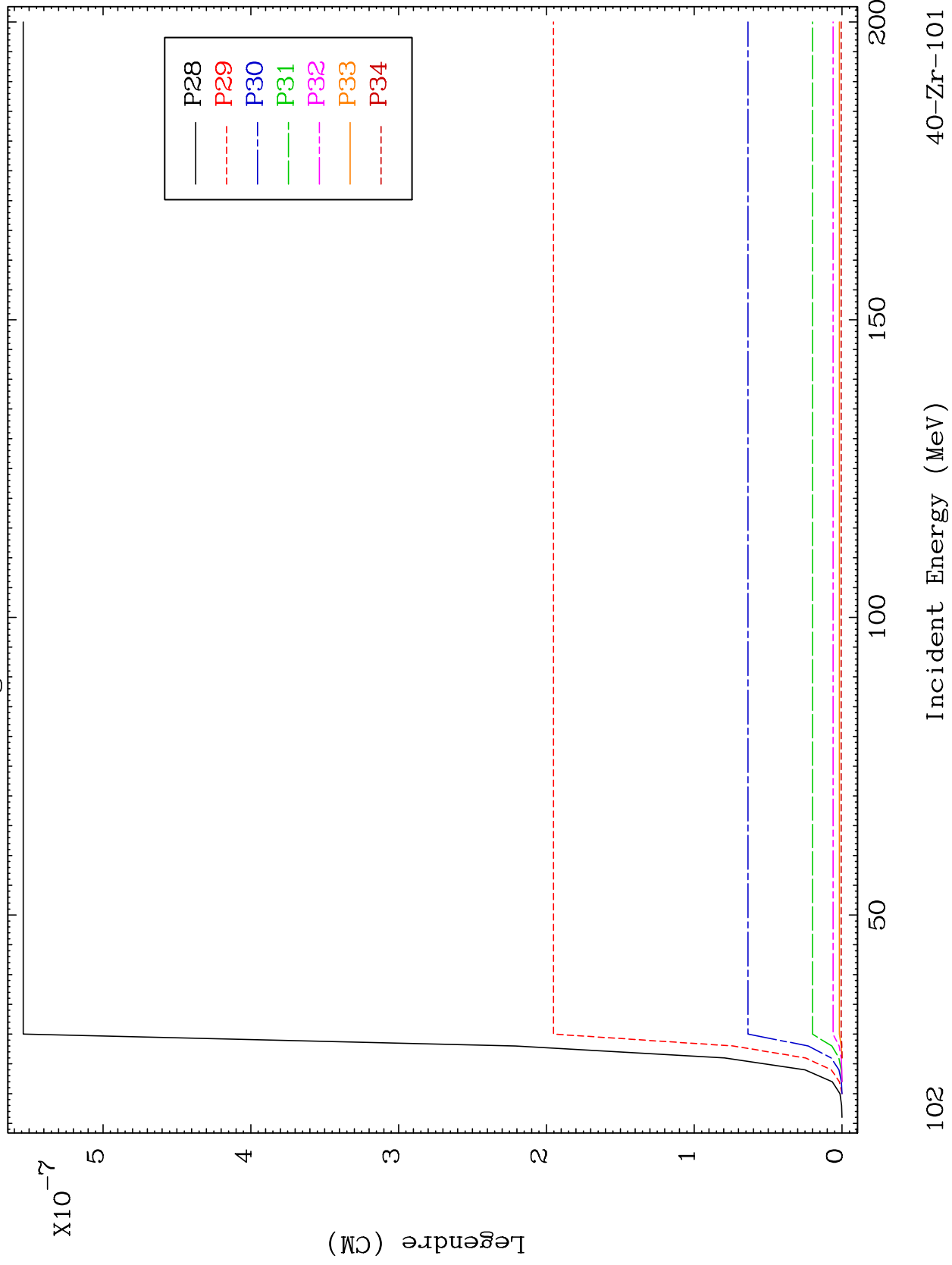
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

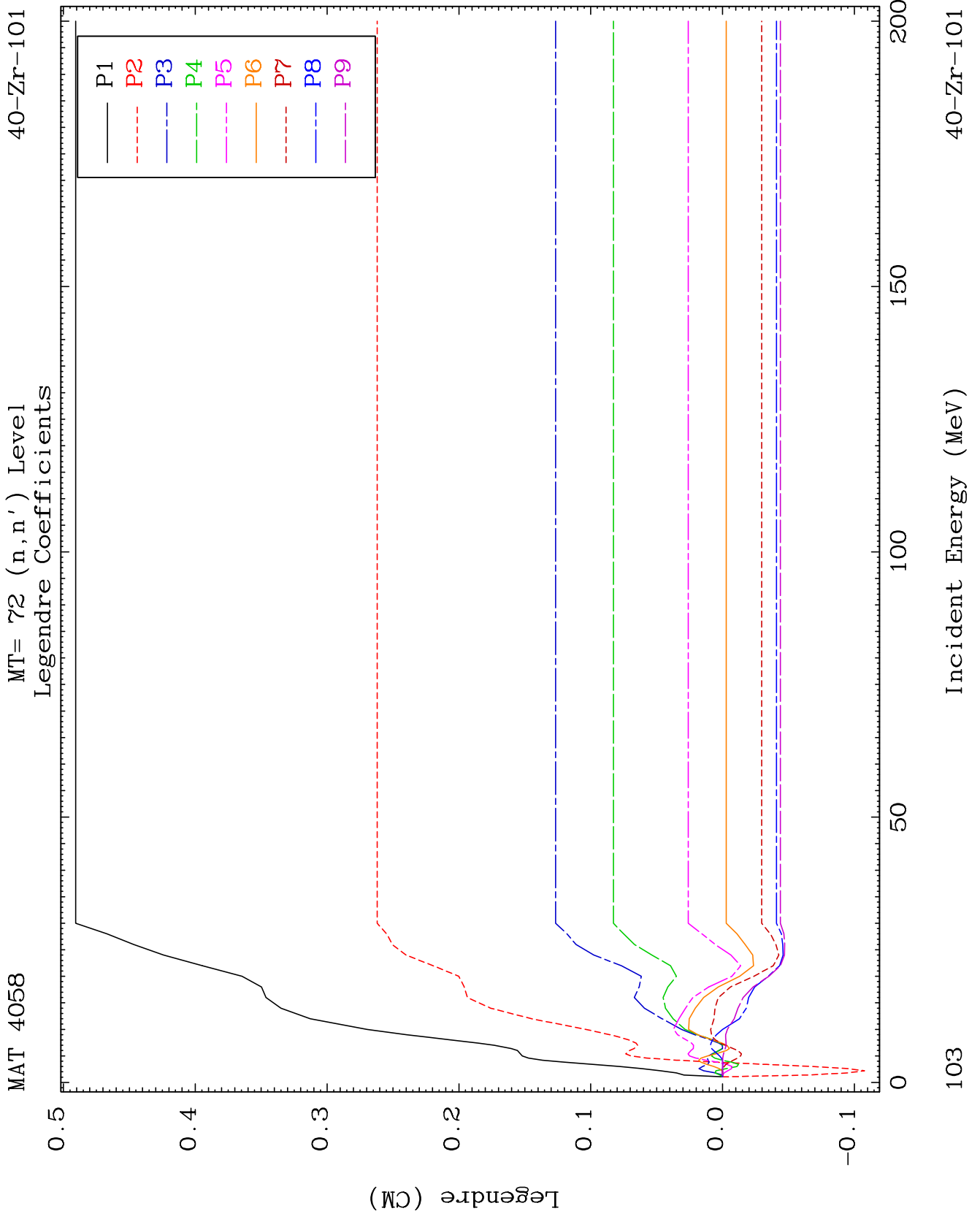
40-Zr-101



102

Incident Energy (MeV)

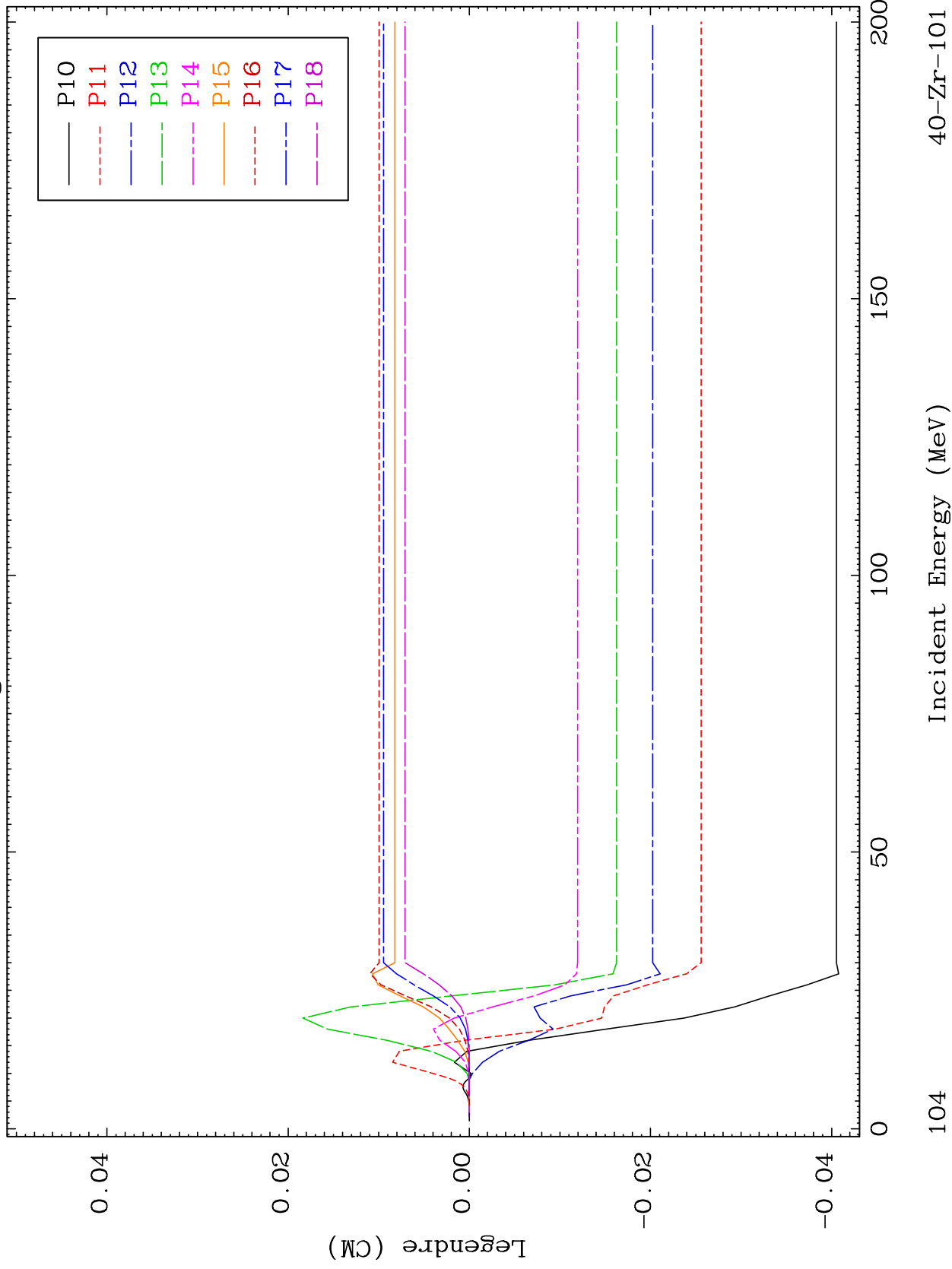
40-Zr-101



MAT 4058

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

40-Zr-101



104

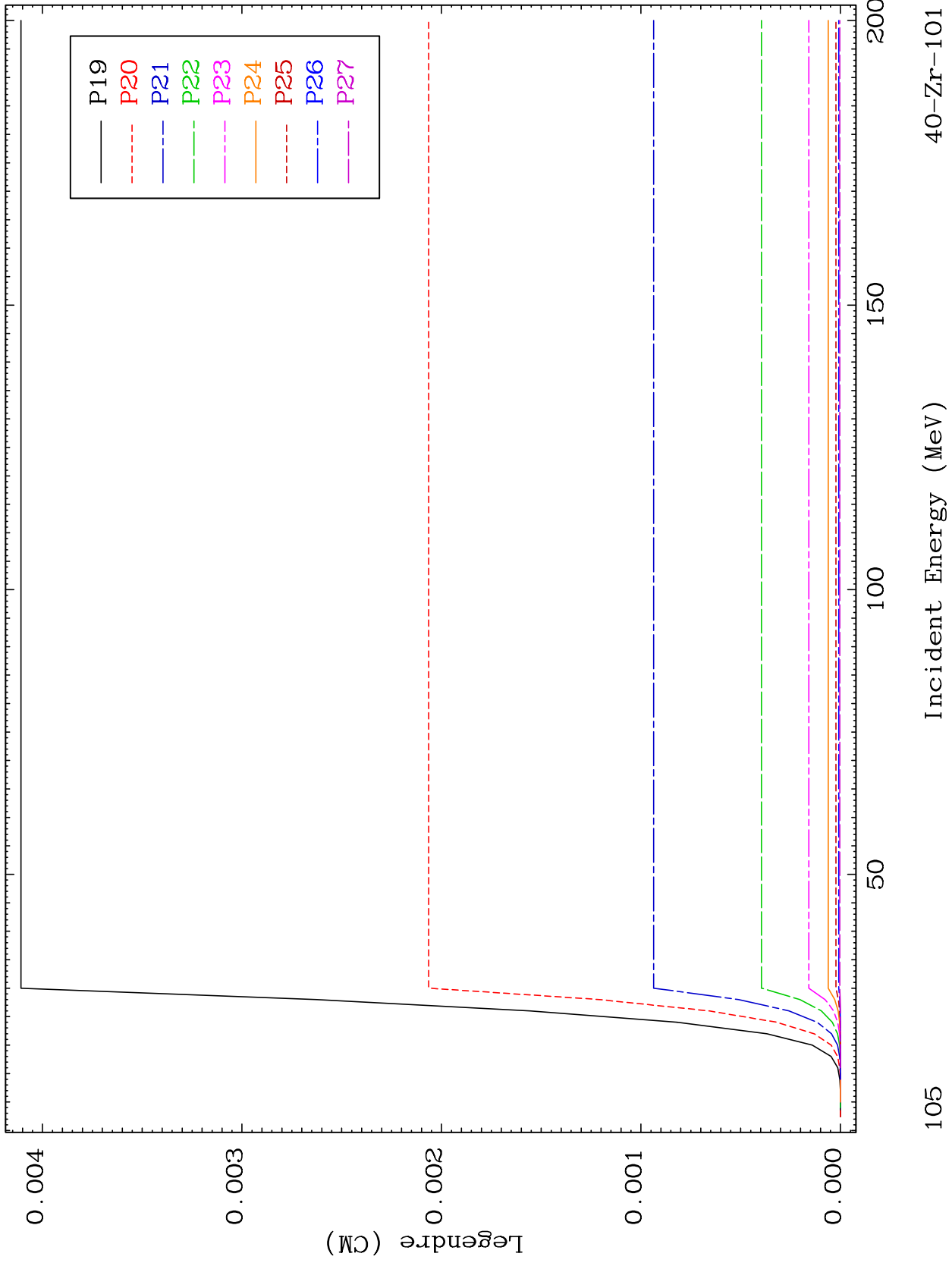
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

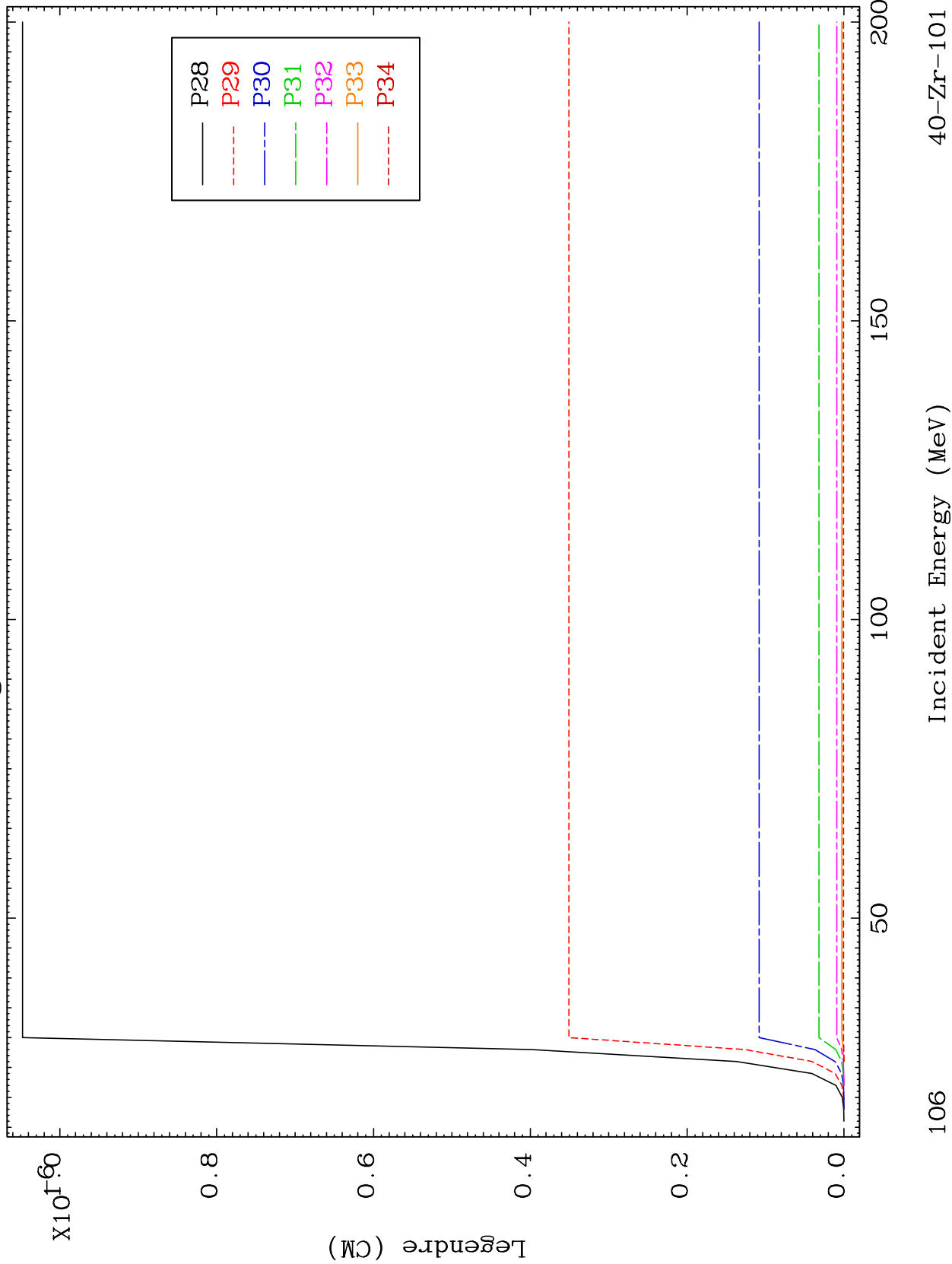
40-Zr-101



MAT 4058

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

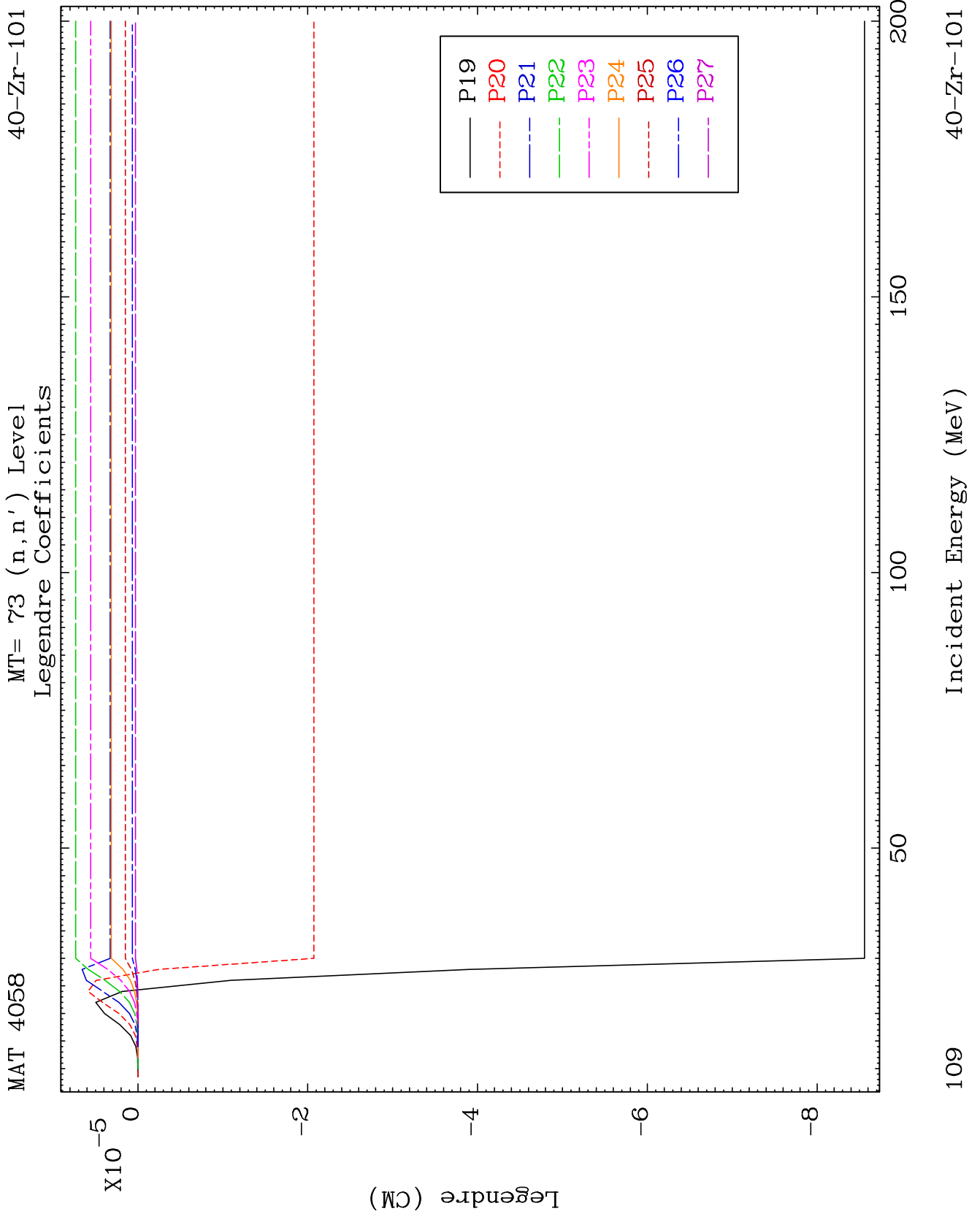
40-Zr-101

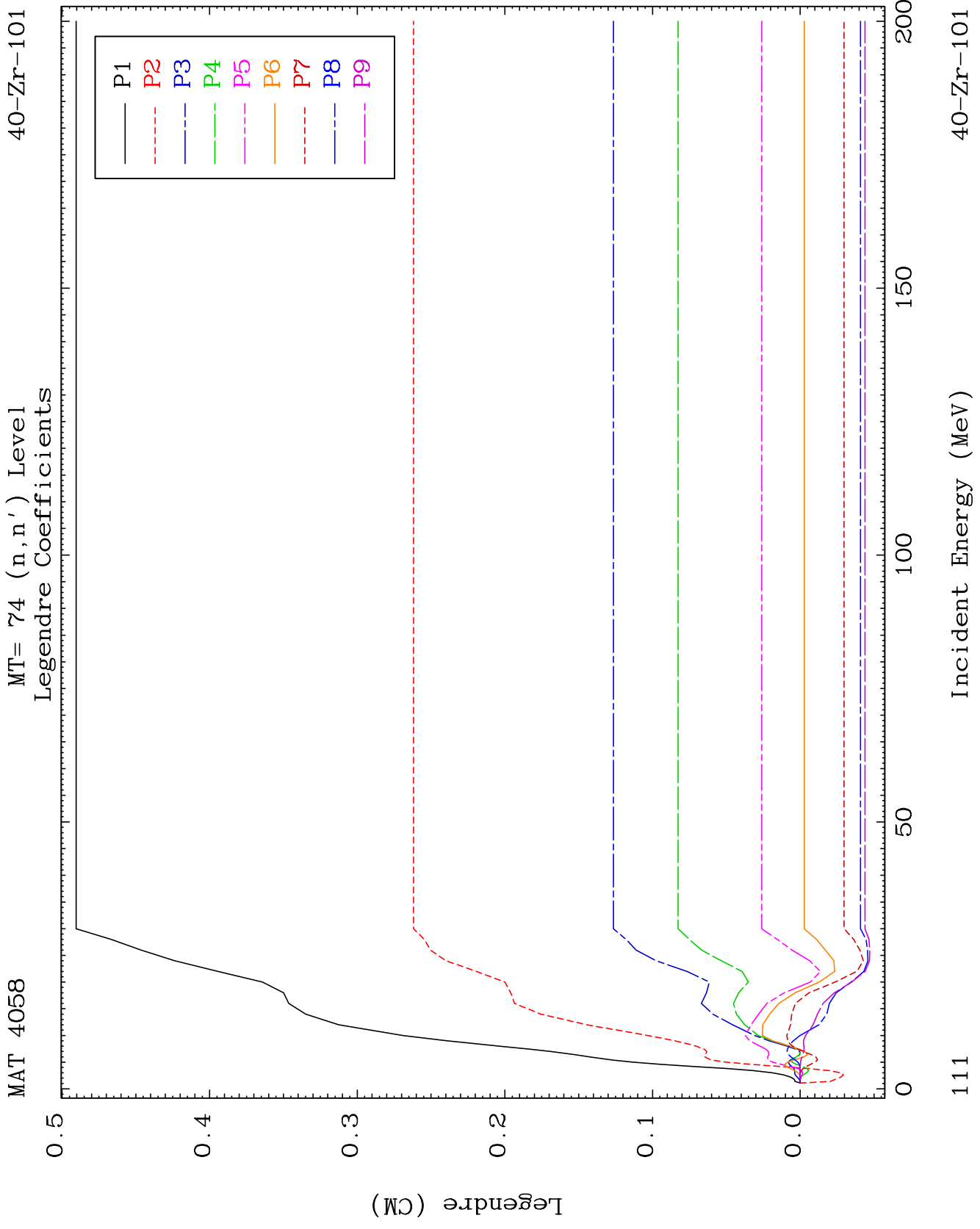


106

Incident Energy (MeV)

40-Zr-101

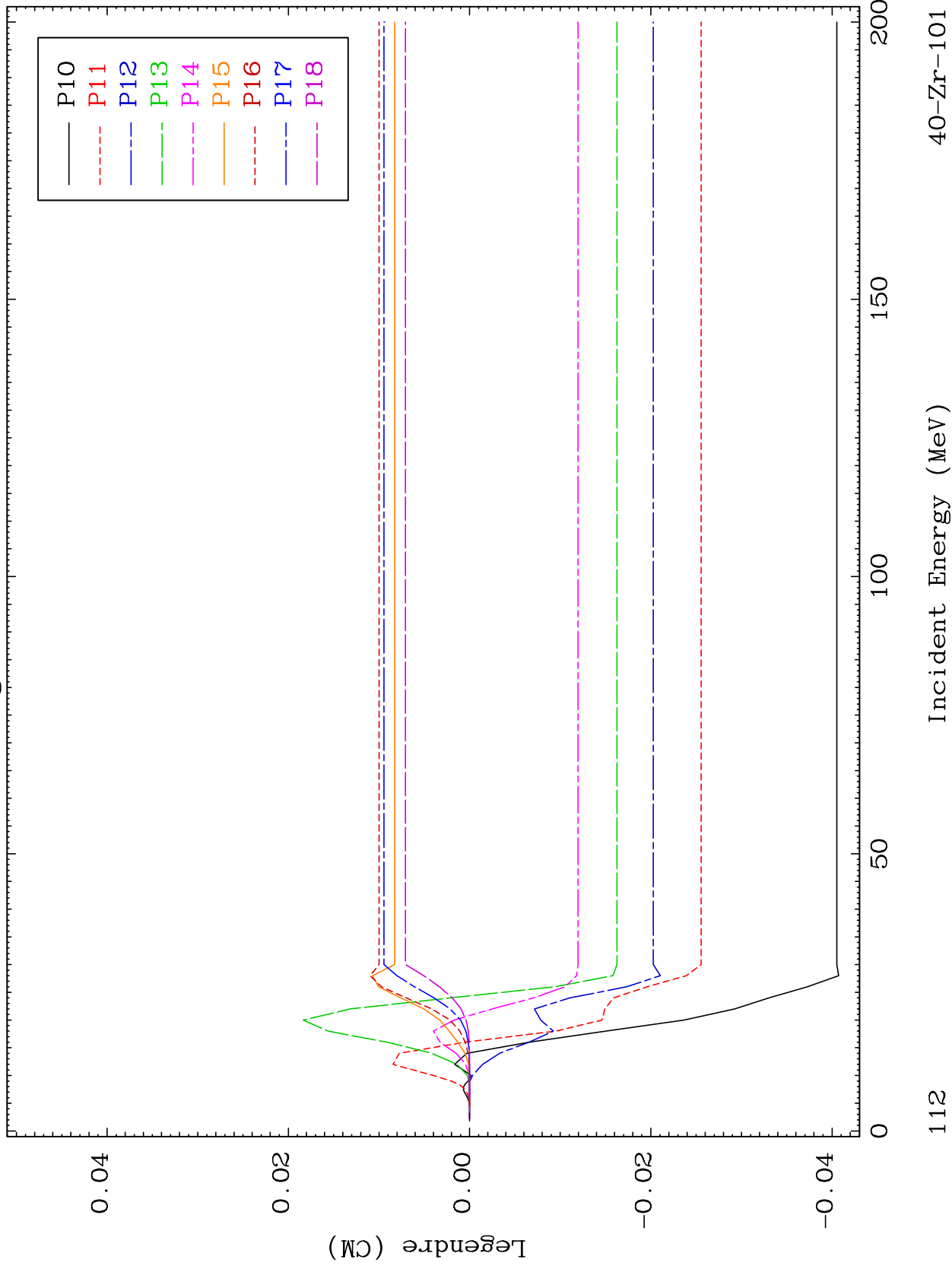




MAT 4058

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

40-Zr-101



112

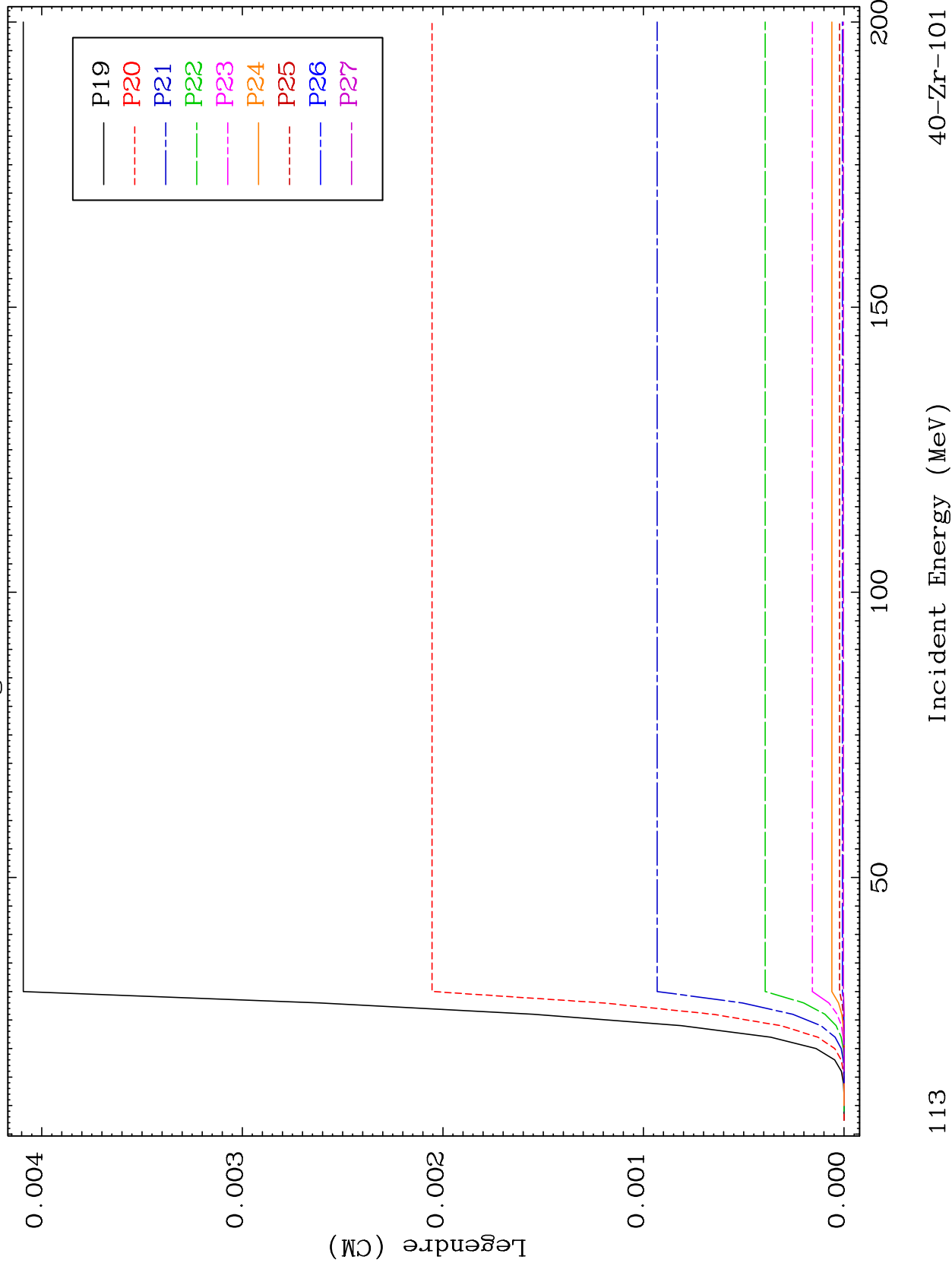
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

40-Zr-101



113

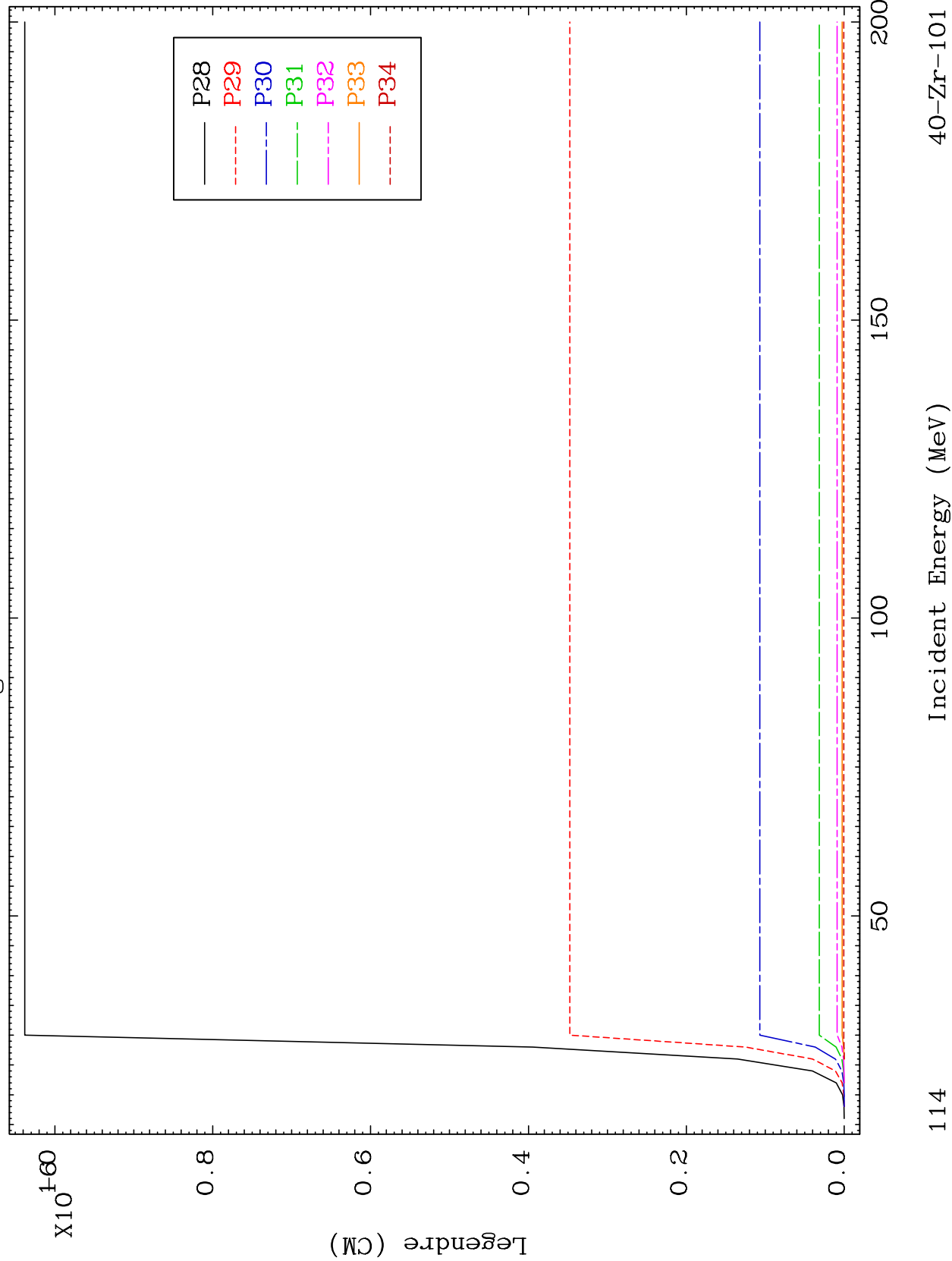
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

40-Zr-101



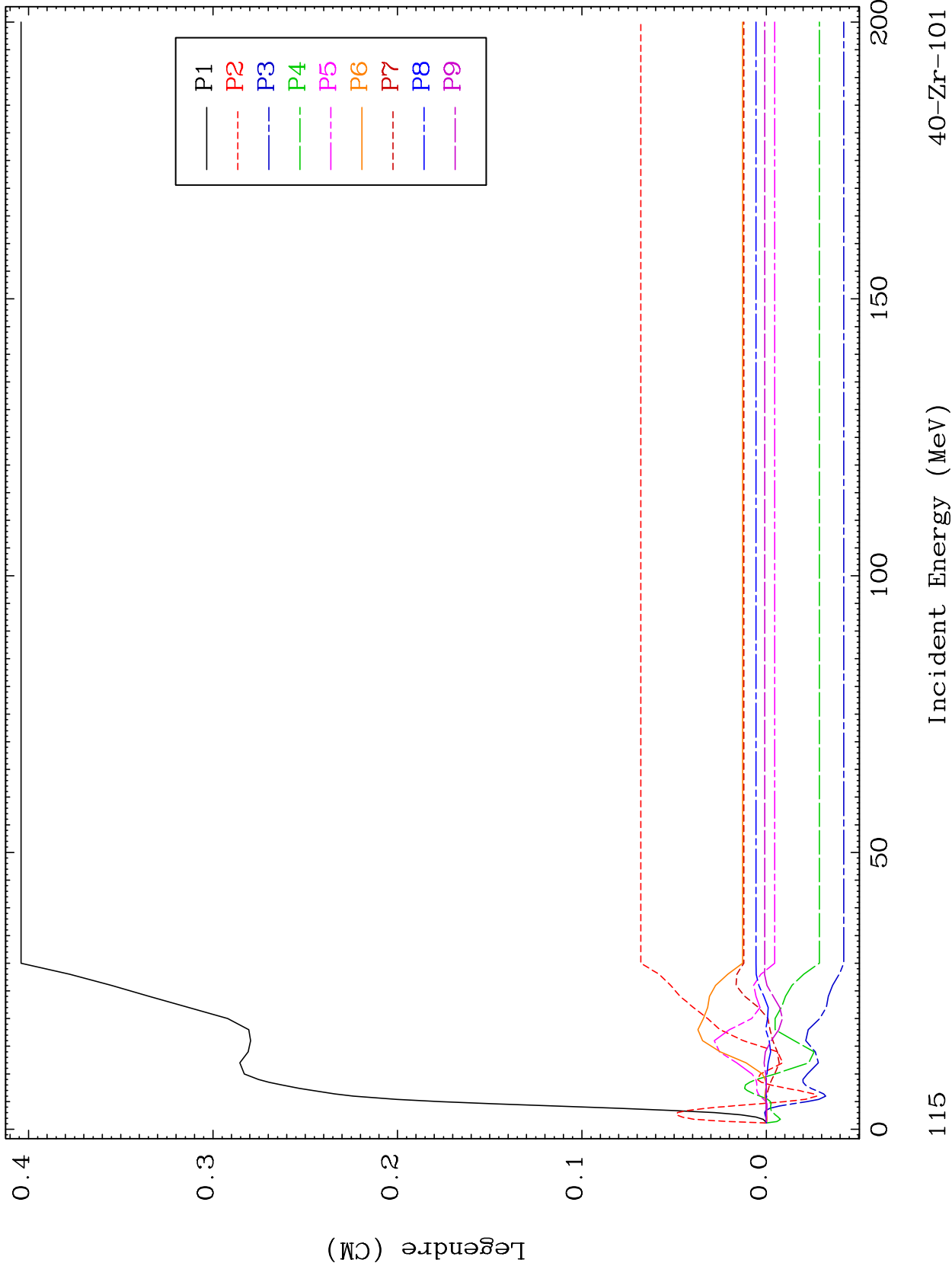
114

40-Zr-101

MAT 4058

MT= 75 (n,n') Level
Legendre Coefficients

40-Zr-101



40-Zr-101

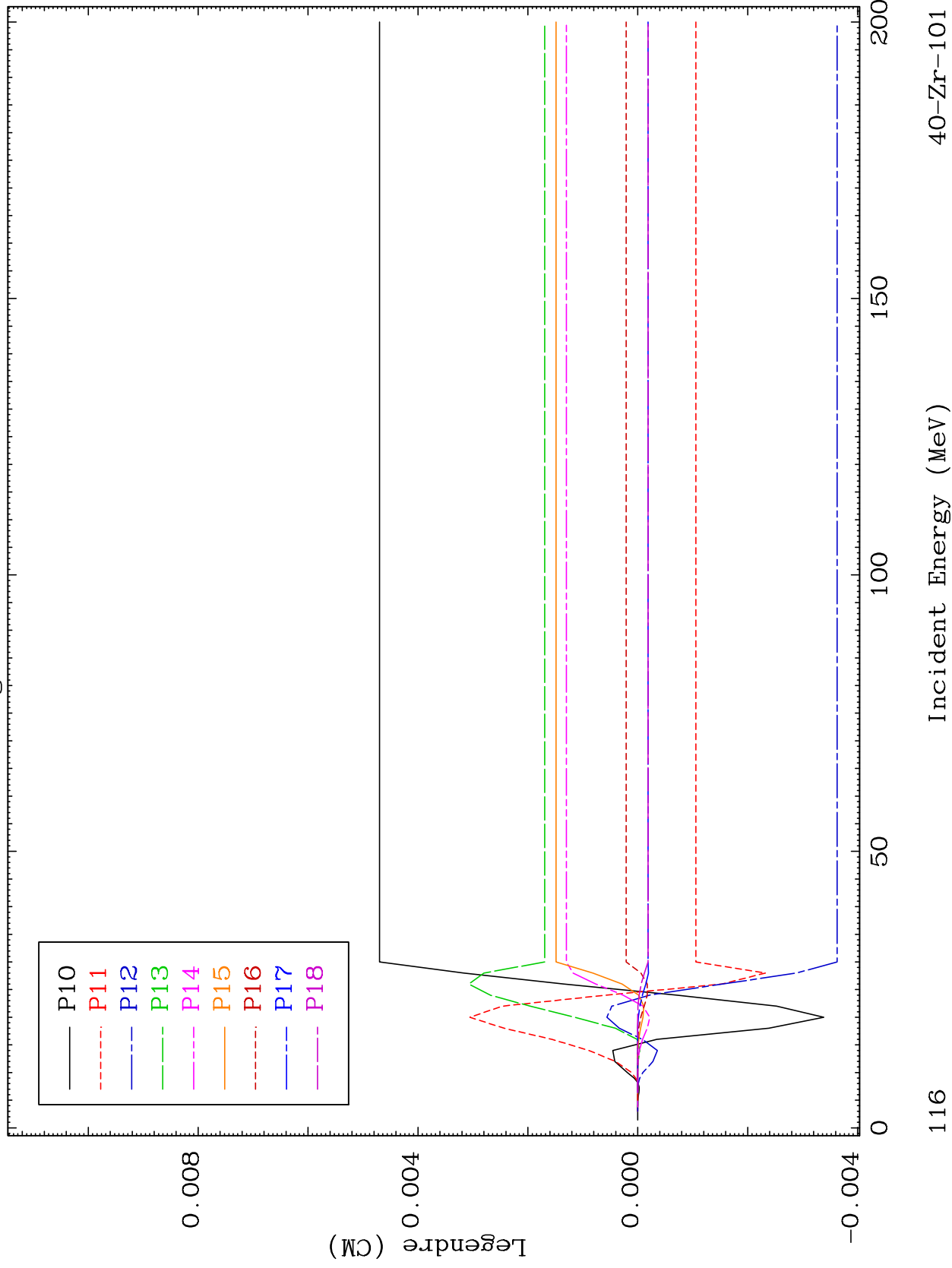
Incident Energy (MeV)

115

MAT 4058

MT= 75 (n,n') Level
Legendre Coefficients

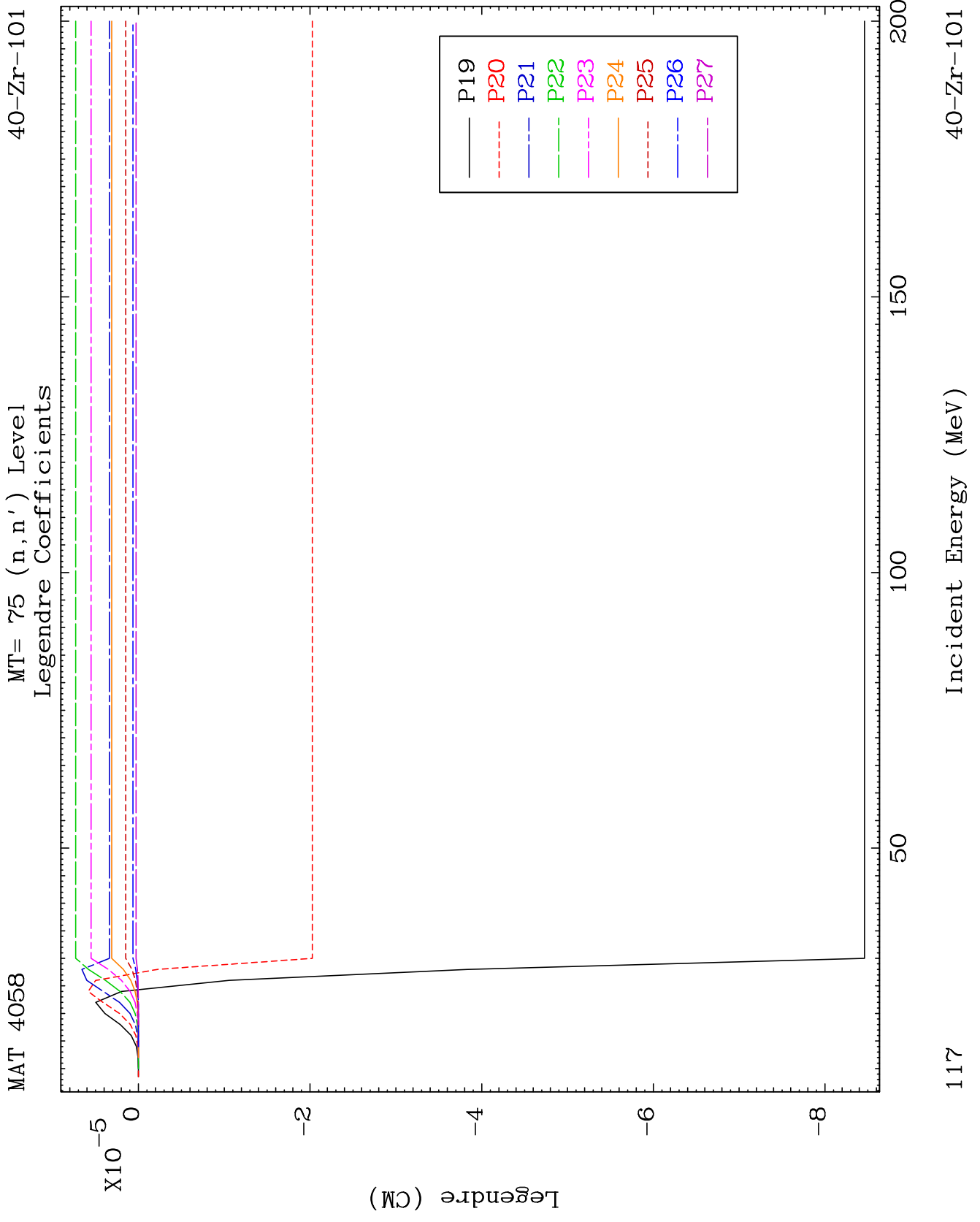
40-Zr-101



40-Zr-101

Incident Energy (MeV)

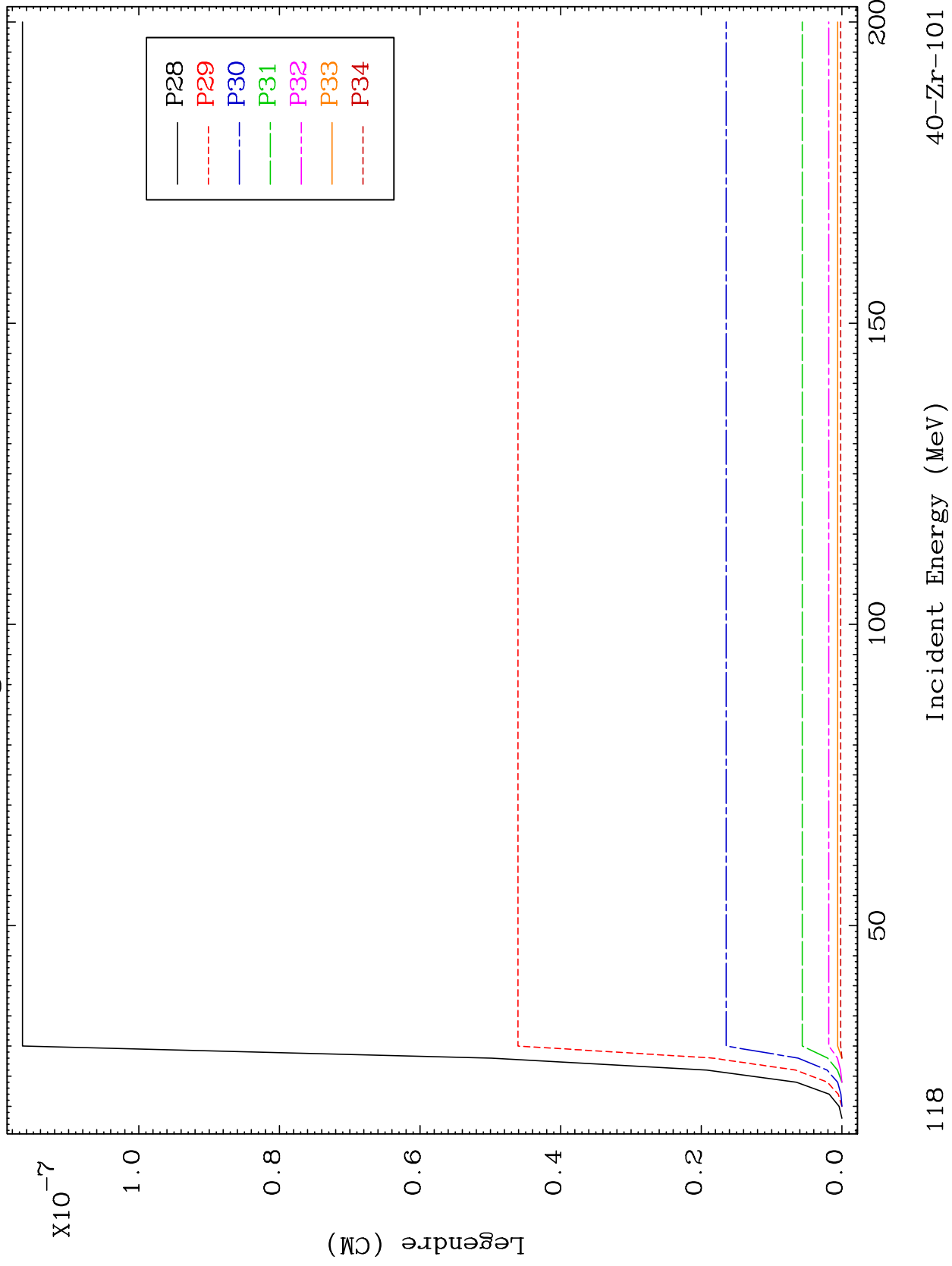
116



MAT 4058

MT= 75 (n,n') Level
Legendre Coefficients

40-Zr-101



118

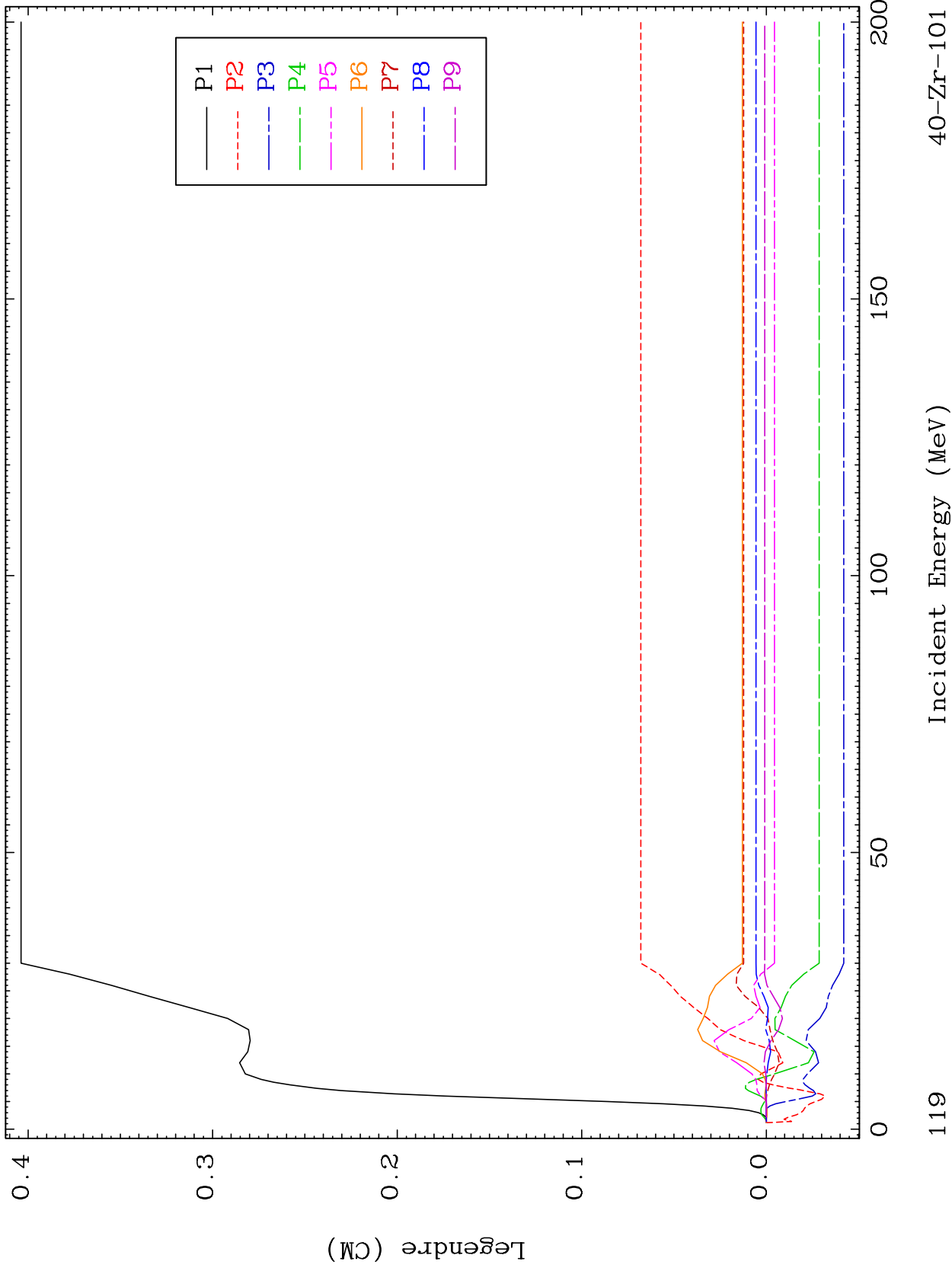
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

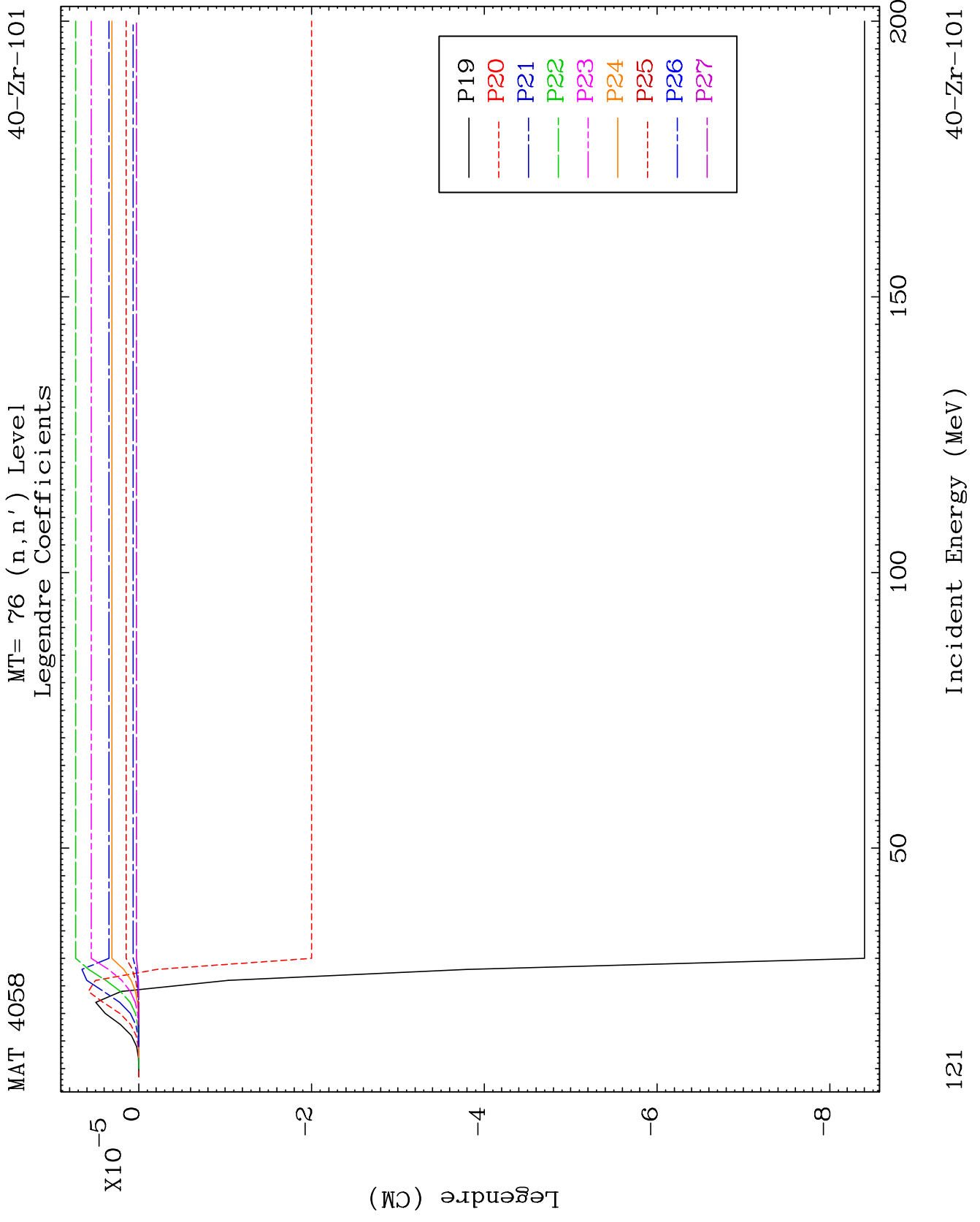
40-Zr-101



119

Incident Energy (MeV)

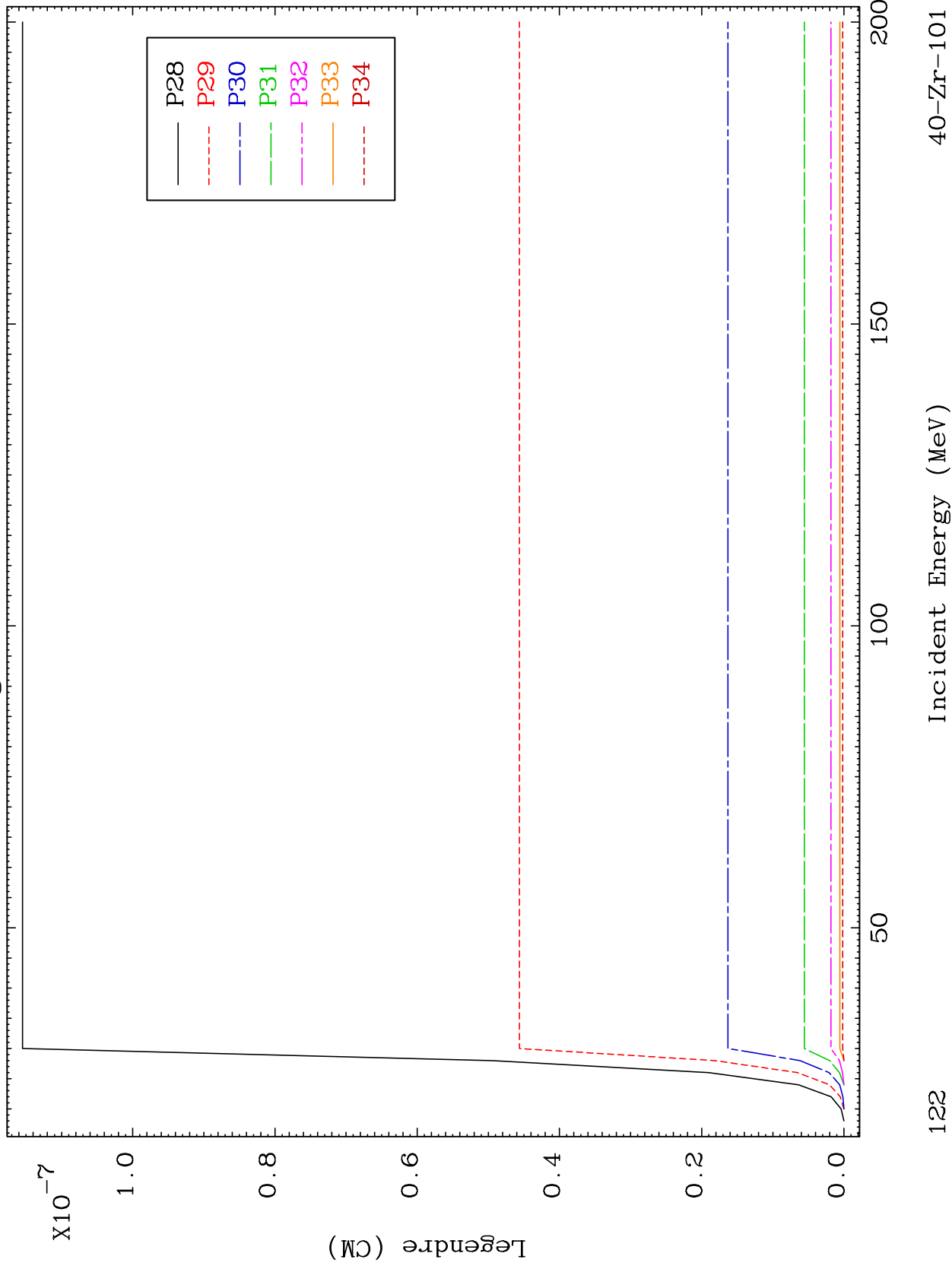
40-Zr-101



MAT 4058

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

40-Zr-101

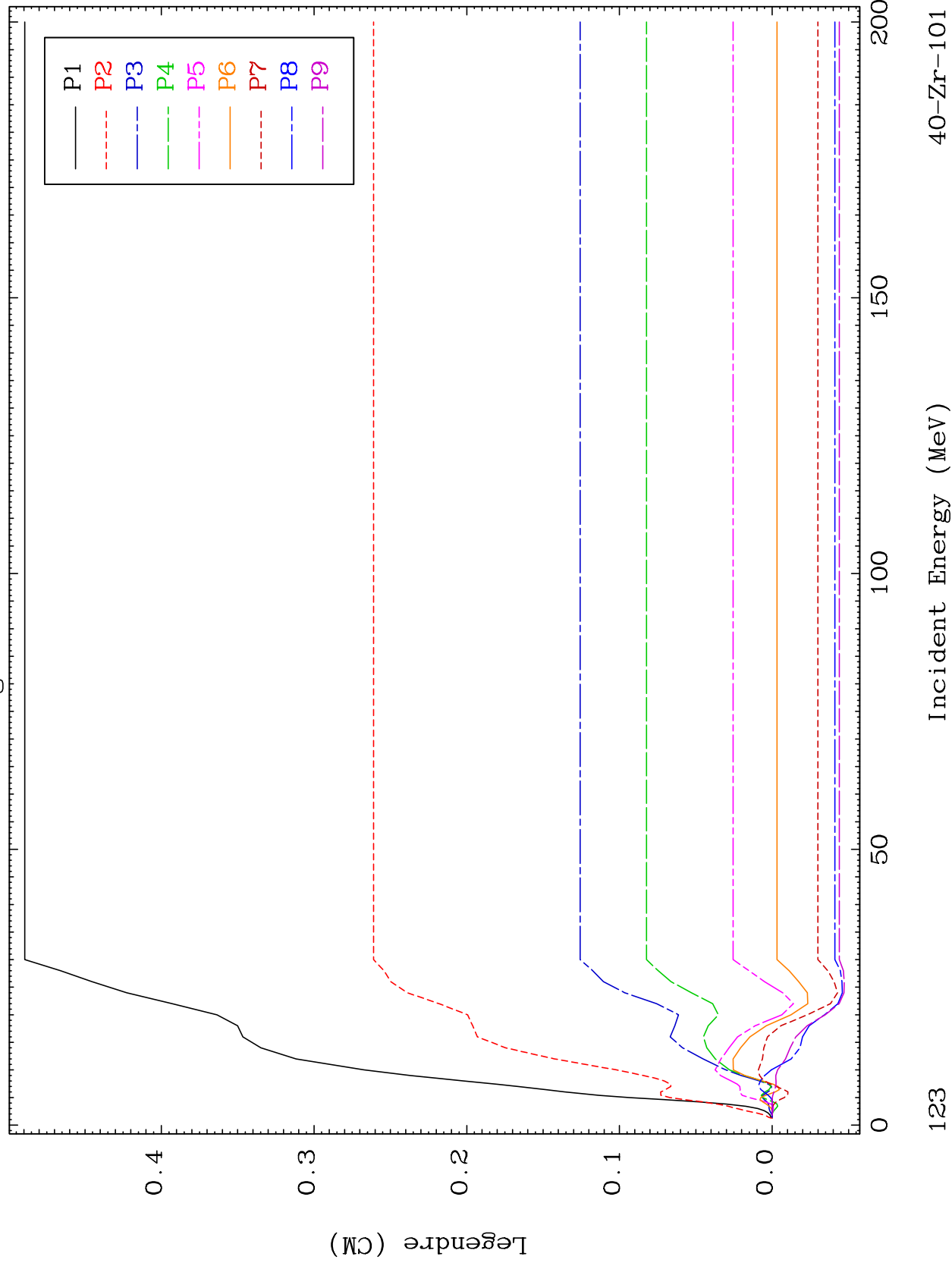


122

MAT 4058

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

40-Zr-101

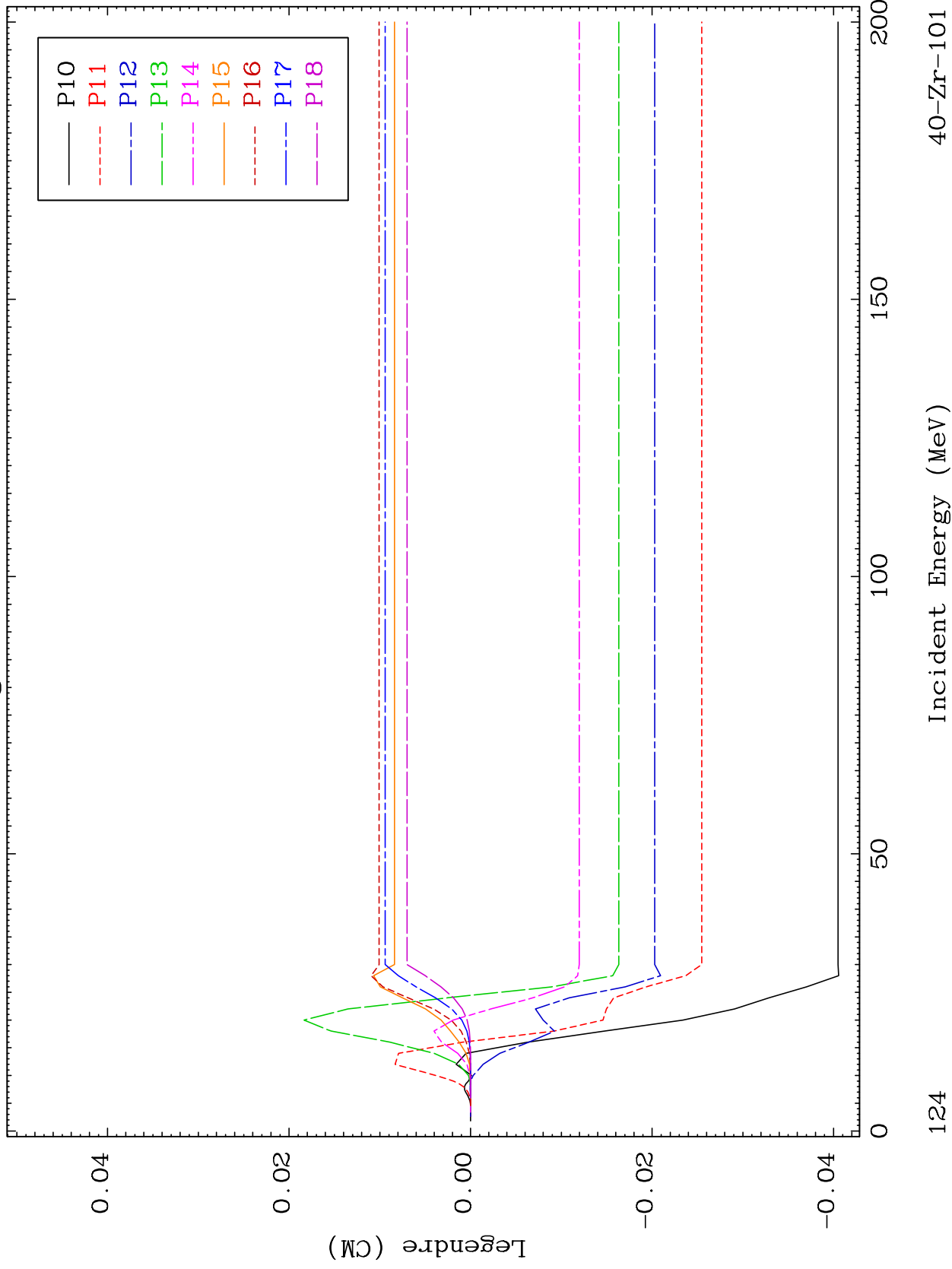


123

MAT 4058

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

40-Zr-101



124

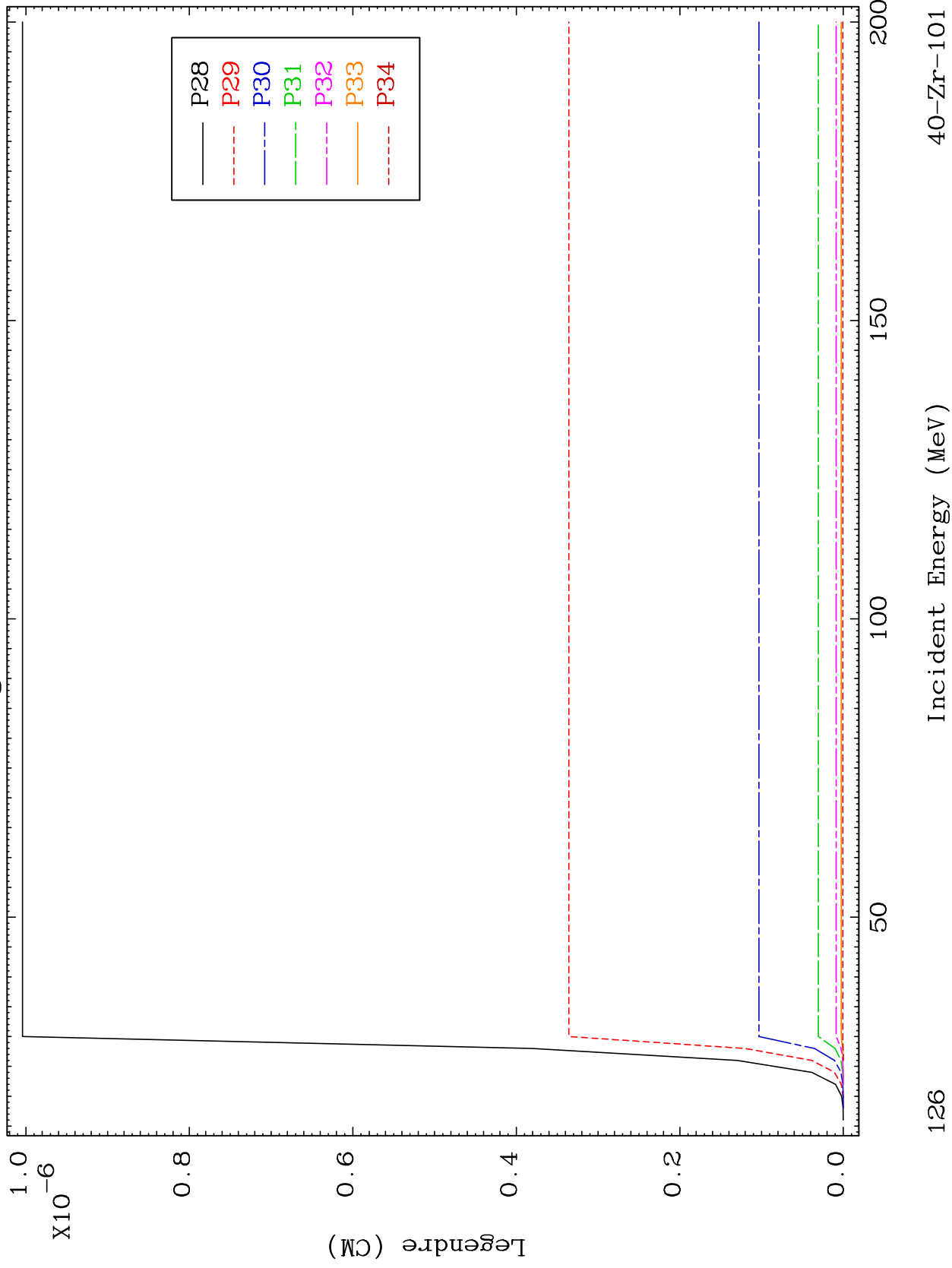
Incident Energy (MeV)

40-Zr-101

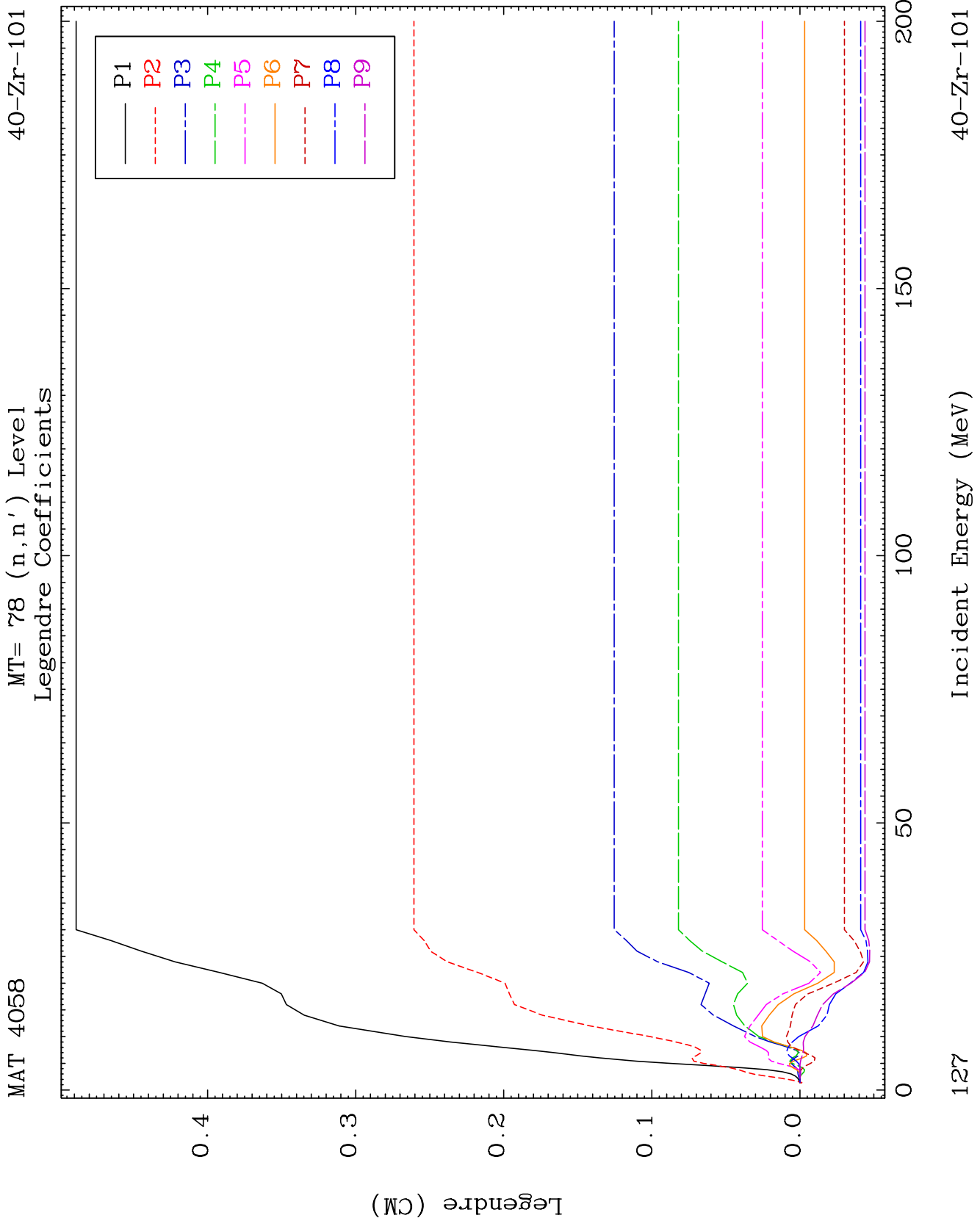
MAT 4058

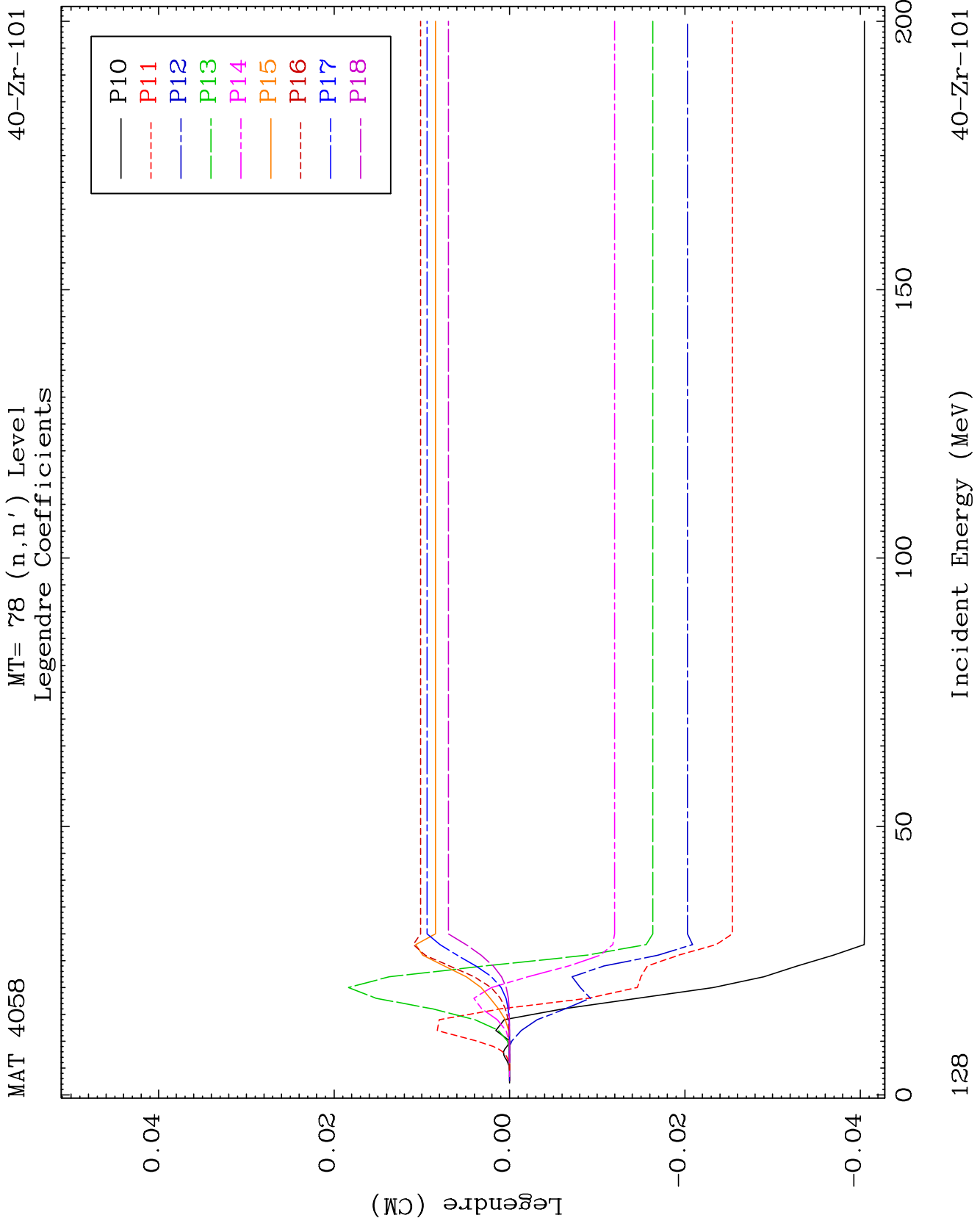
MT= 77 (n,n') Level
Legendre Coefficients

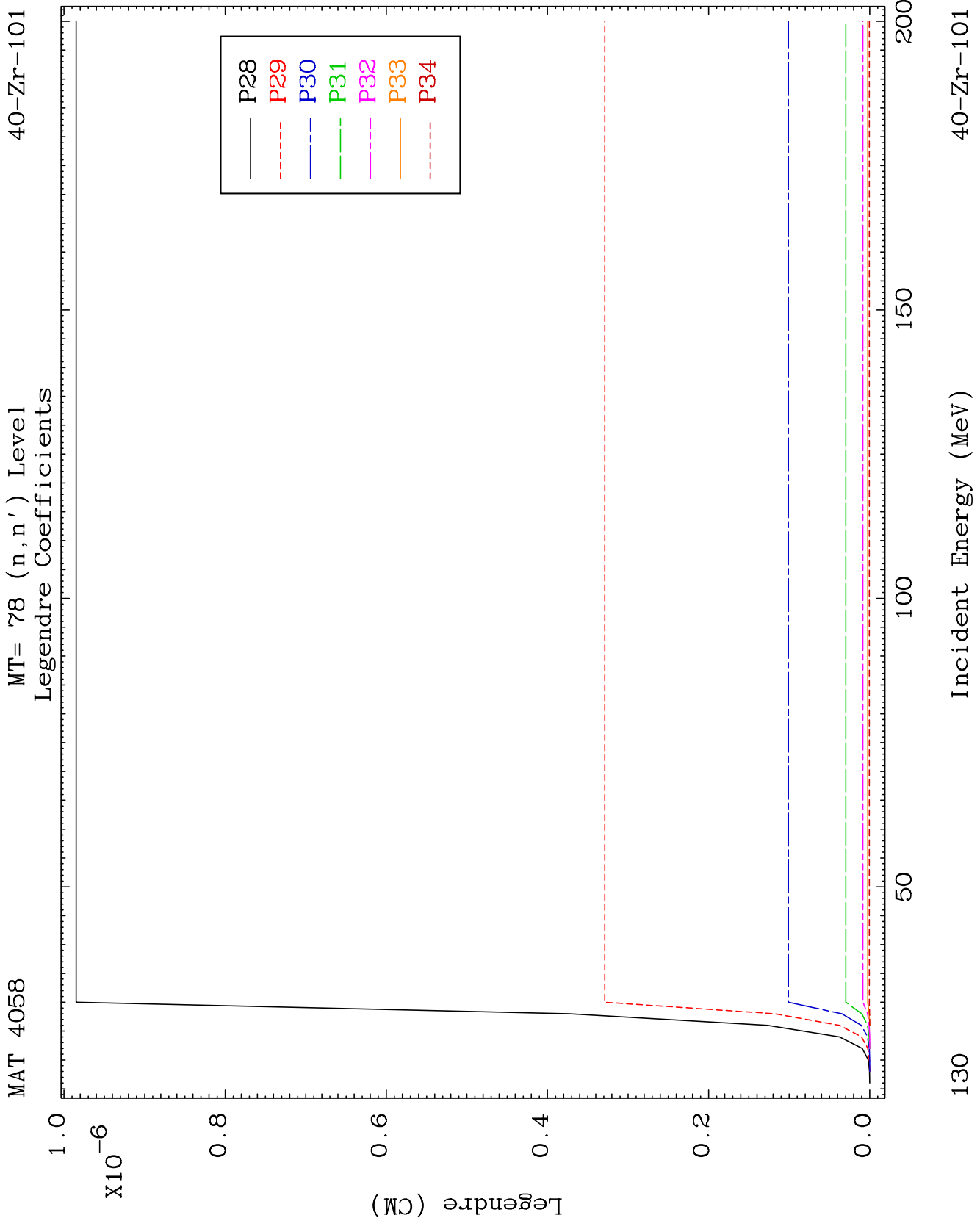
40-Zr-101

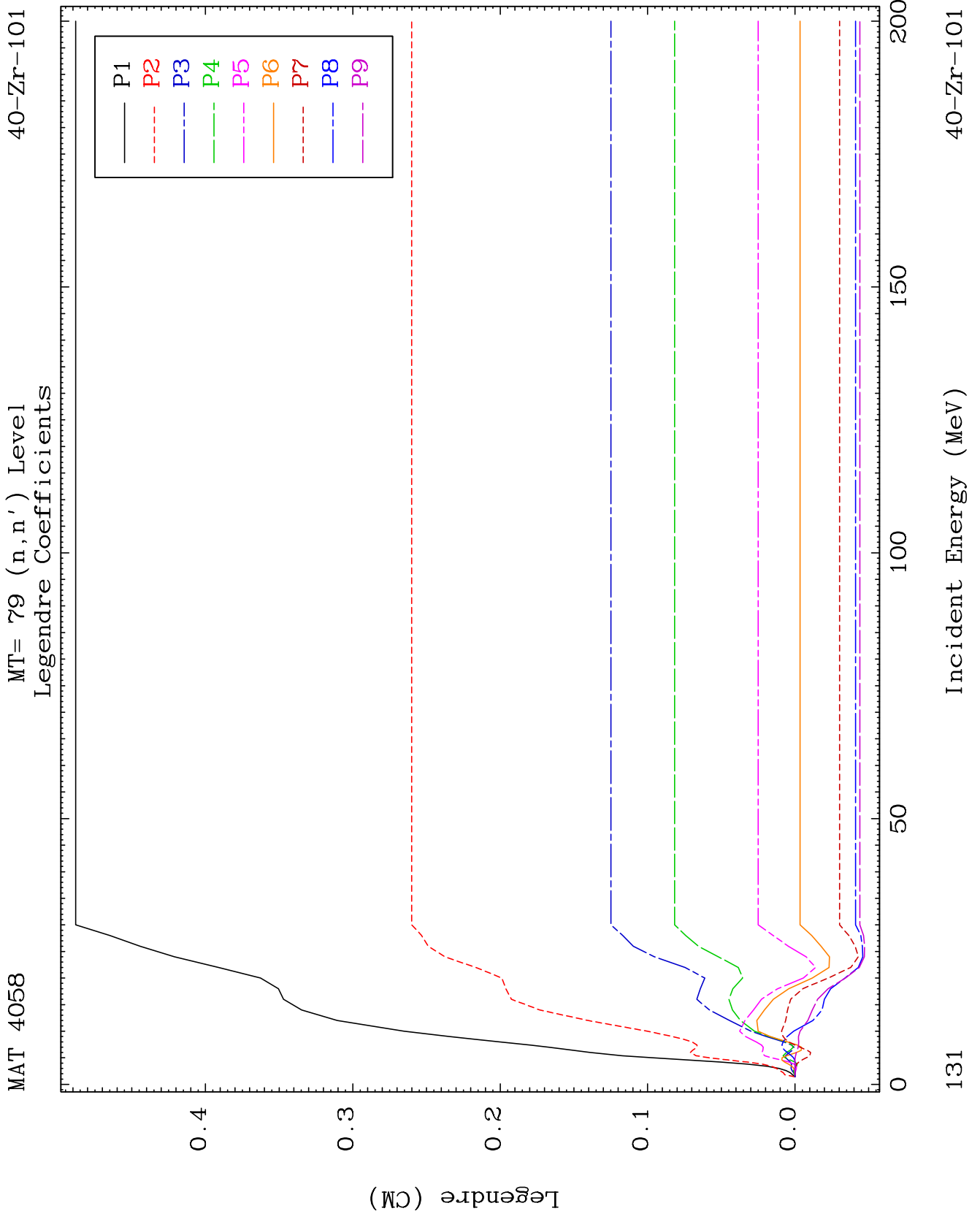


126





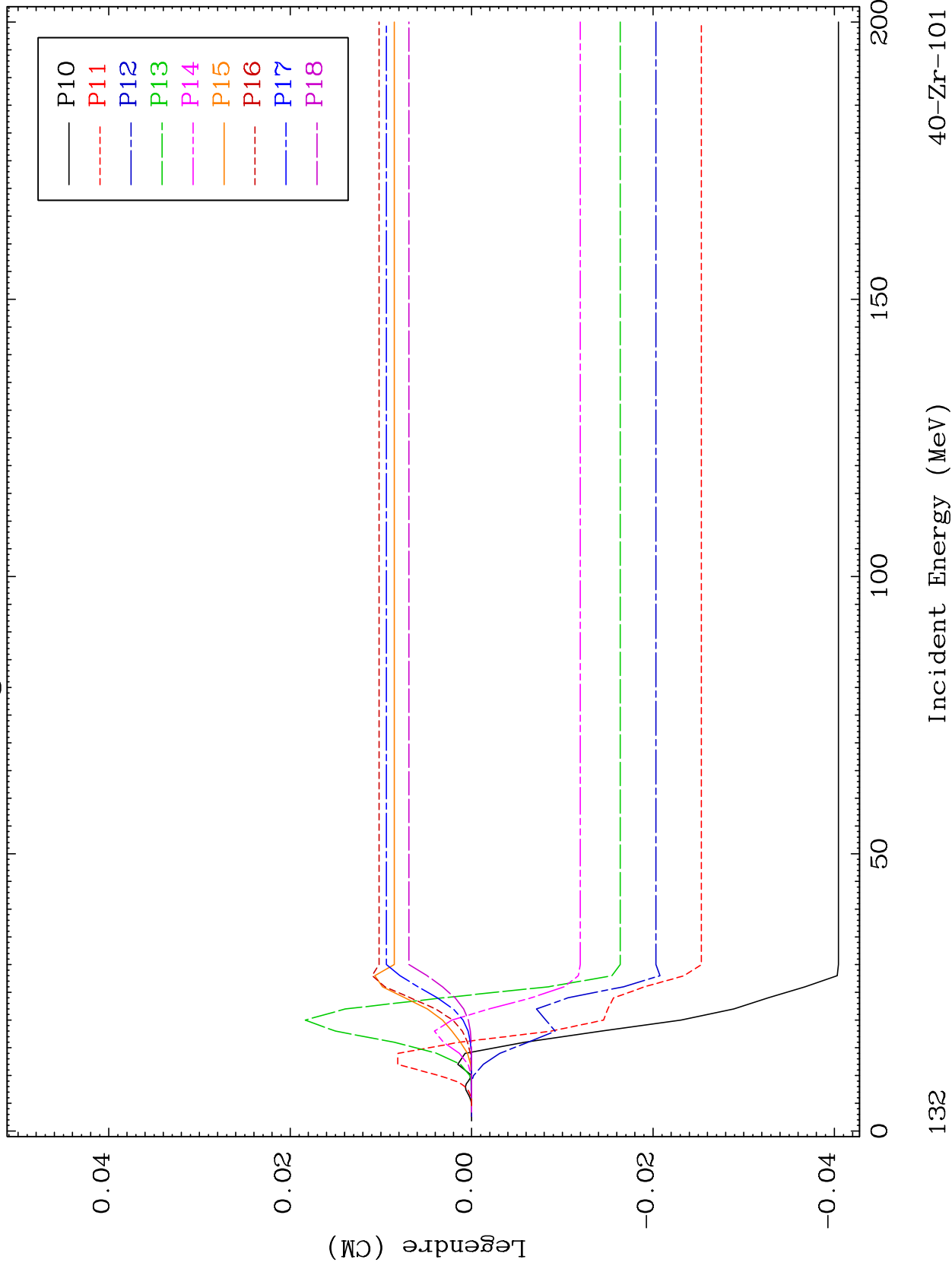




MAT 4058

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

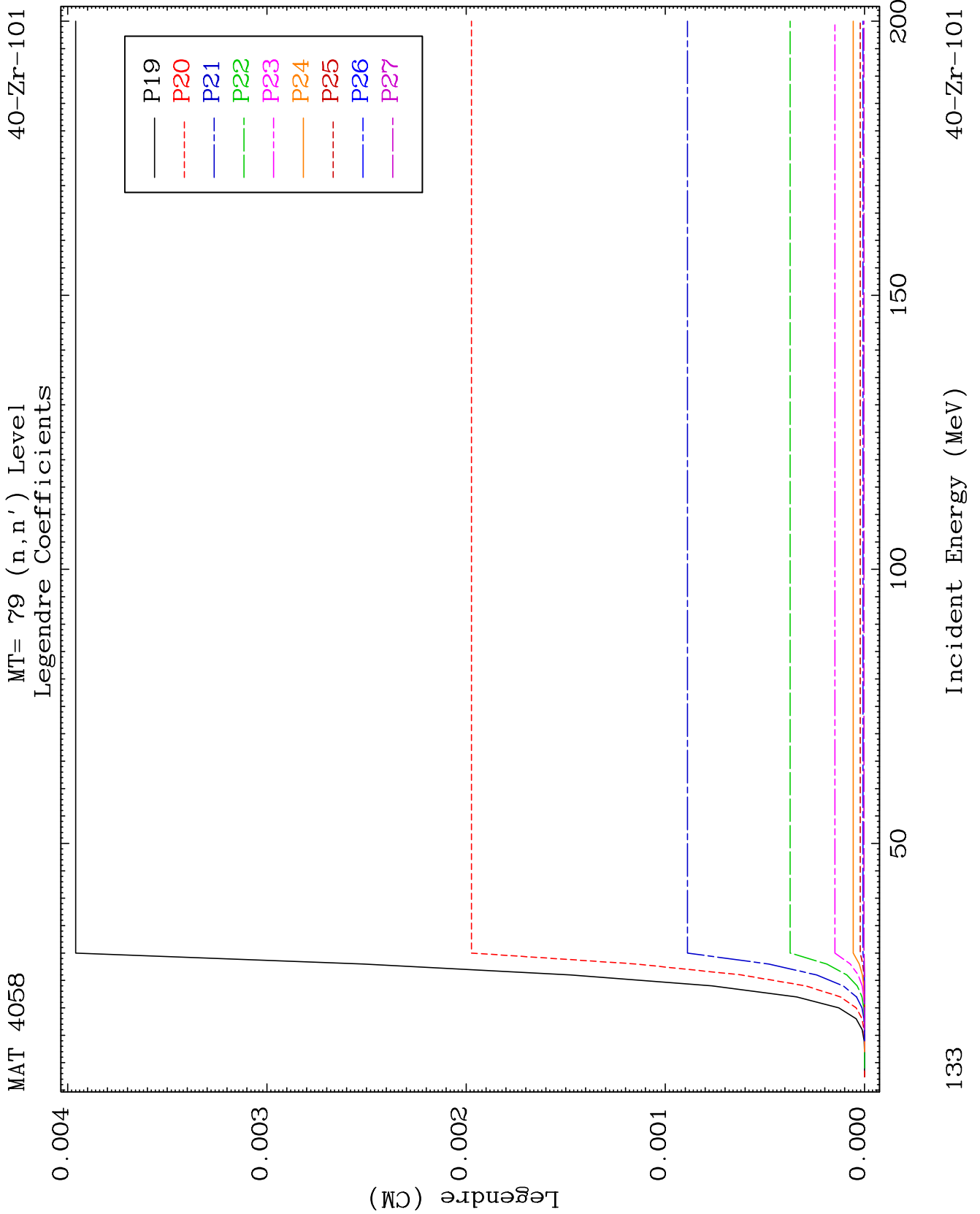
40-Zr-101



132

Incident Energy (MeV)

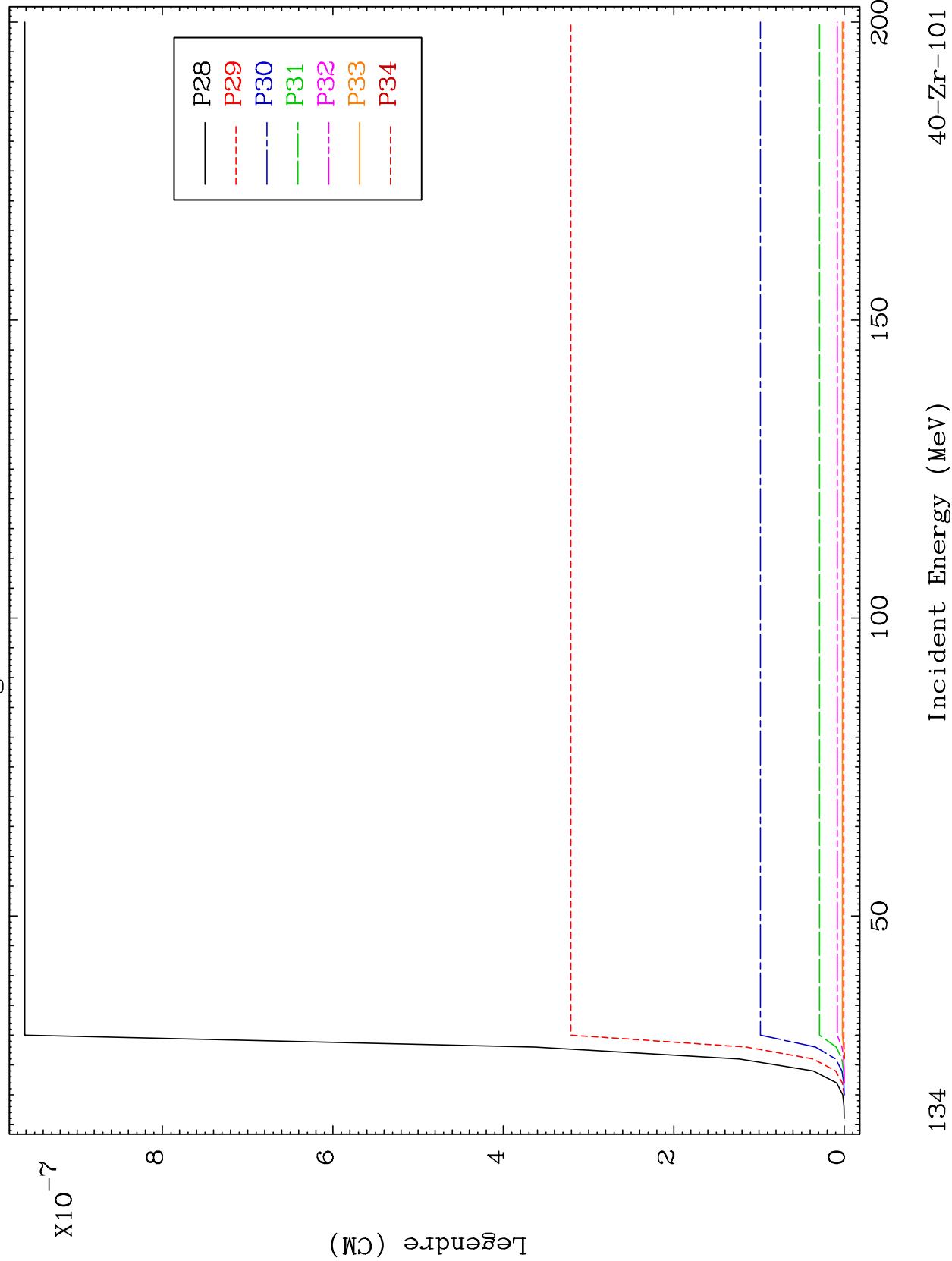
40-Zr-101



MAT 4058

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

40-Zr-101



134

Incident Energy (MeV)

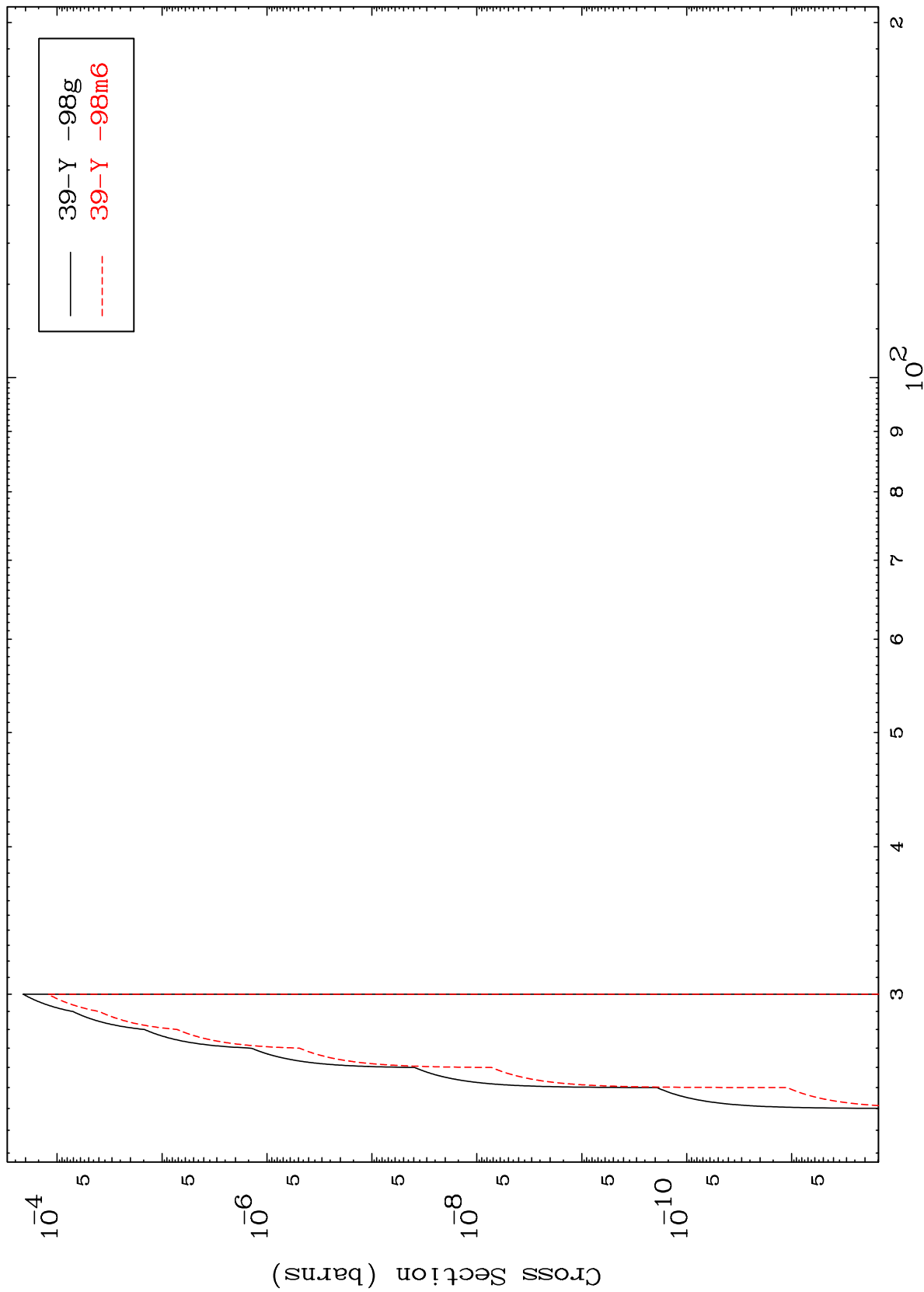
40-Zr-101

MAT 4058

(n,2n) d

40-Zr-101

Radionuclide Production Cross Section



135

Incident Energy (MeV)

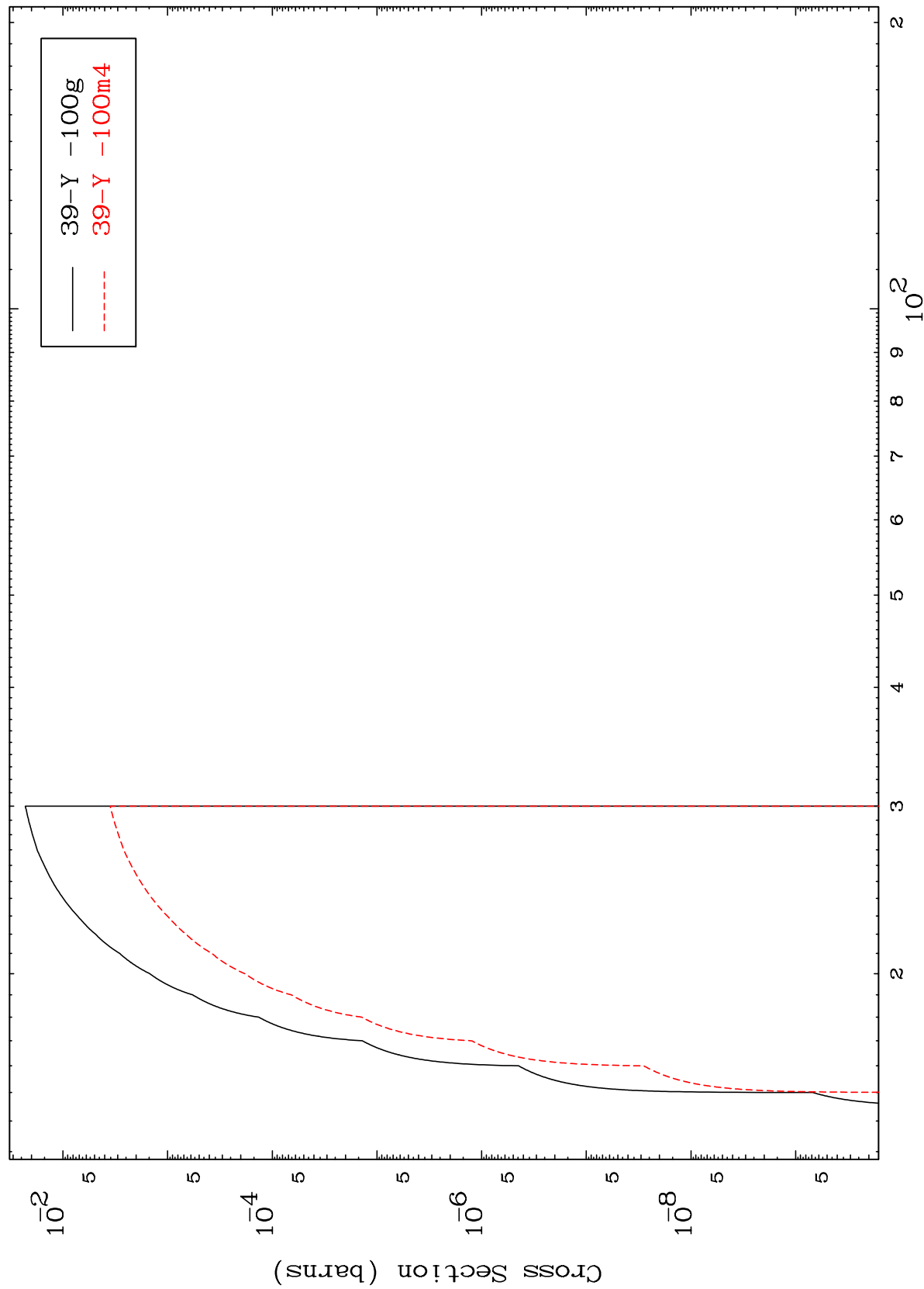
40-Zr-101

MAT 4058

(n,n') p

40-Zr-101

Radionuclide Production Cross Section



136

Incident Energy (MeV)

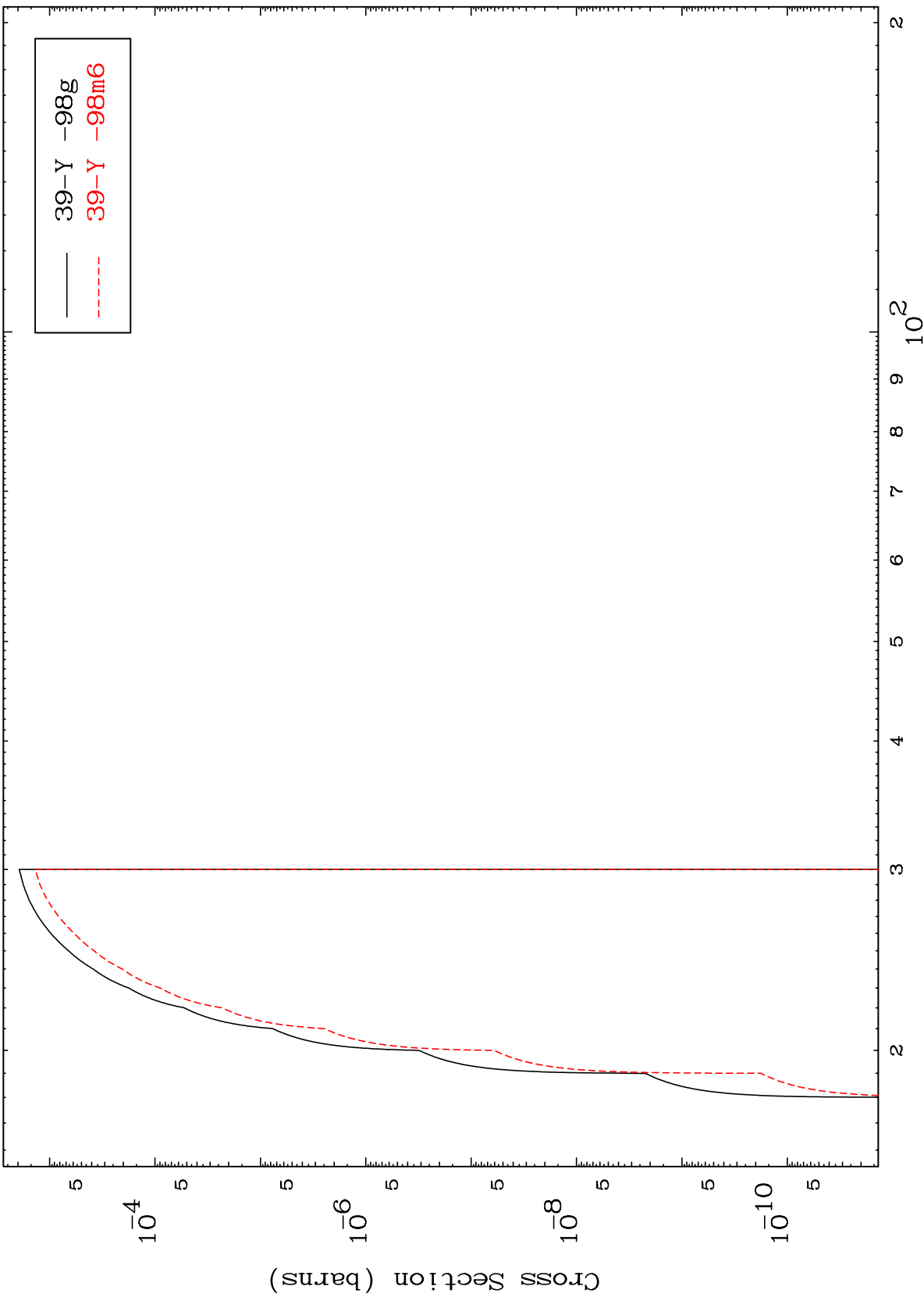
40-Zr-101

MAT 4058

(n,n') t

40-Zr-101

Radionuclide Production Cross Section



137

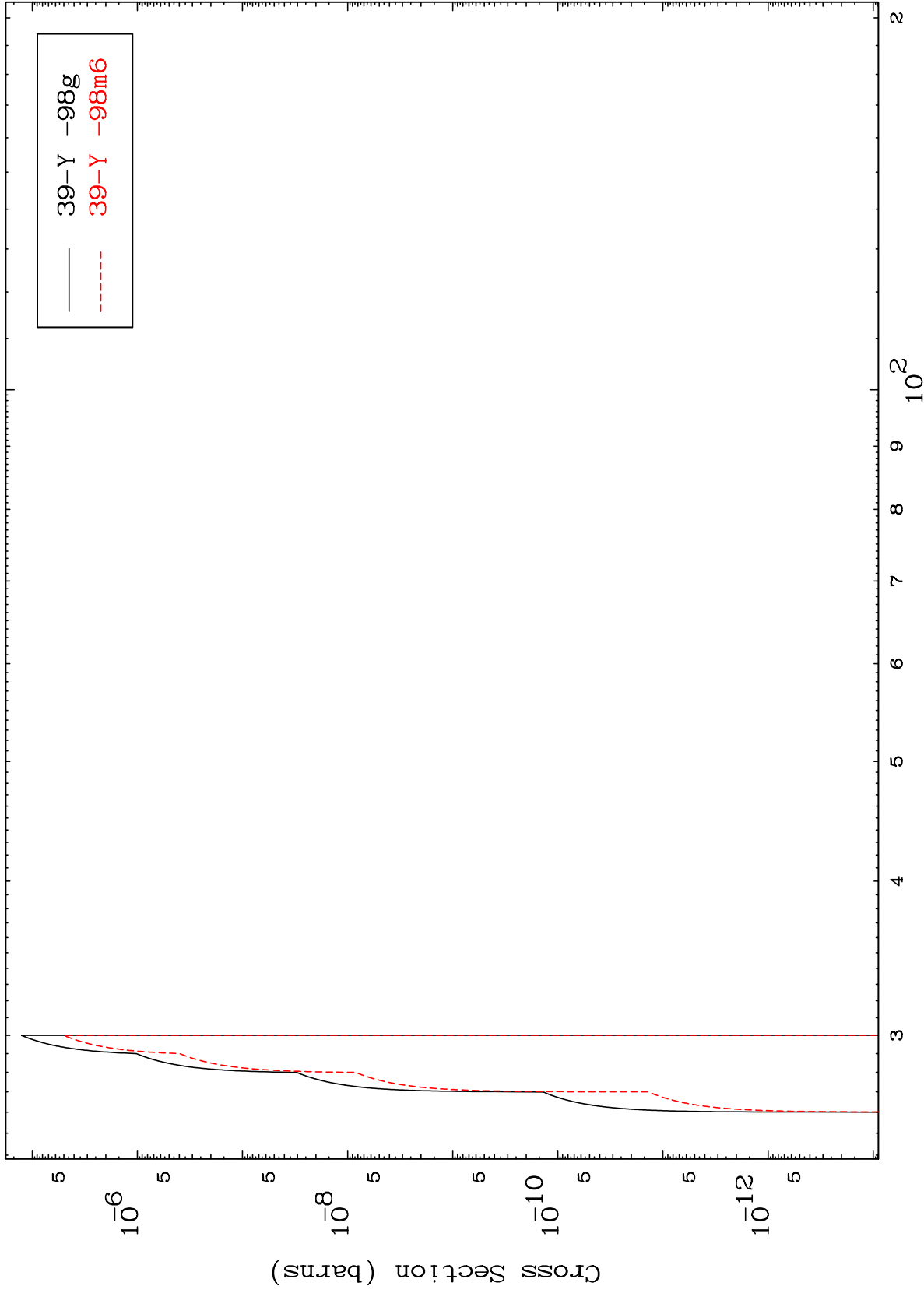
Incident Energy (MeV)

40-Zr-101

MAT 4058

40-Zr-101

(n,3n) p
Radionuclide Production Cross Section



138

40-Zr-101

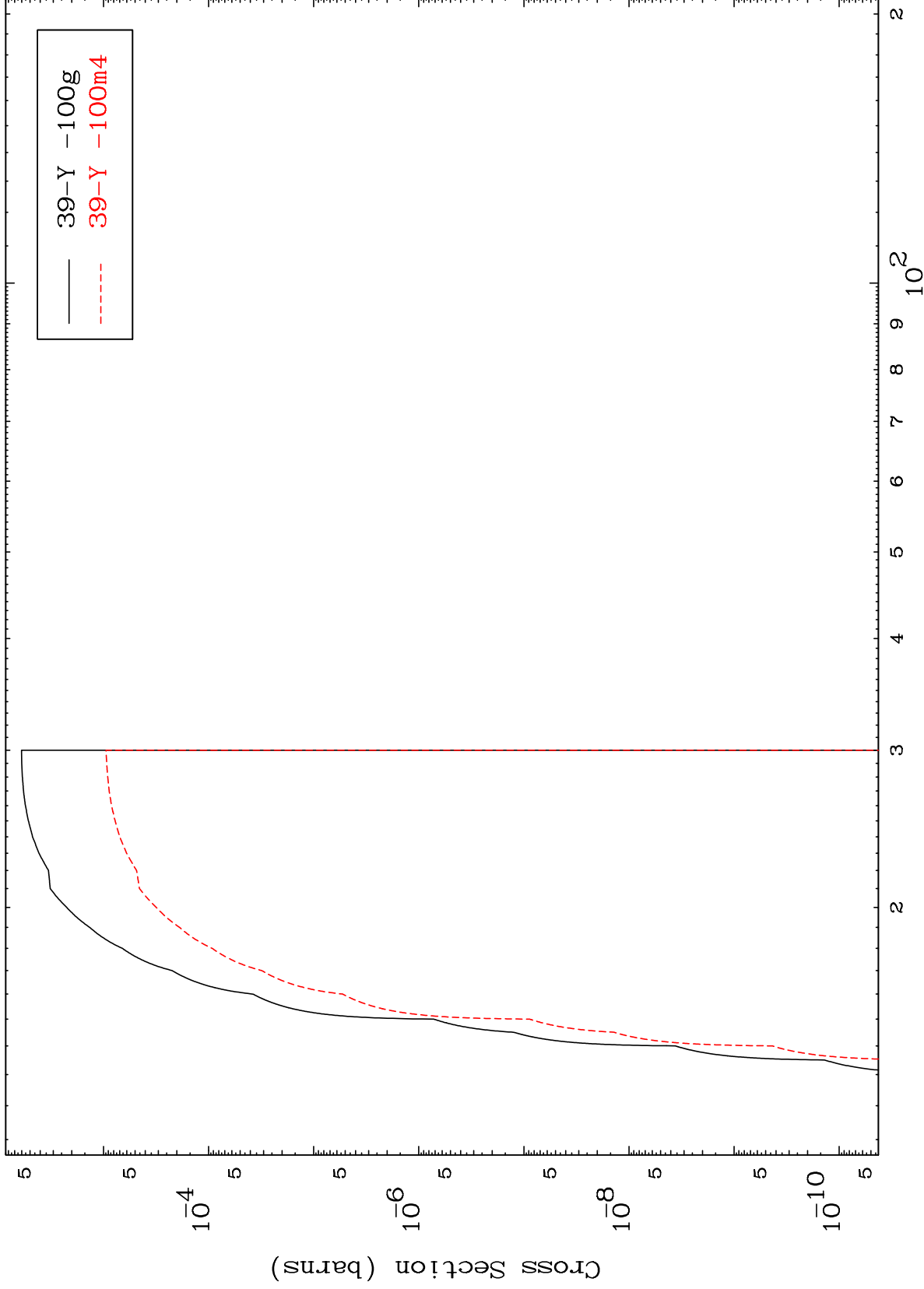
Incident Energy (MeV)

MAT 4058

(n,d)

40-Zr-101

Radionuclide Production Cross Section



139

Incident Energy (MeV)

40-Zr-101