

Program EVALPLOT
(Version 2017-1)

by

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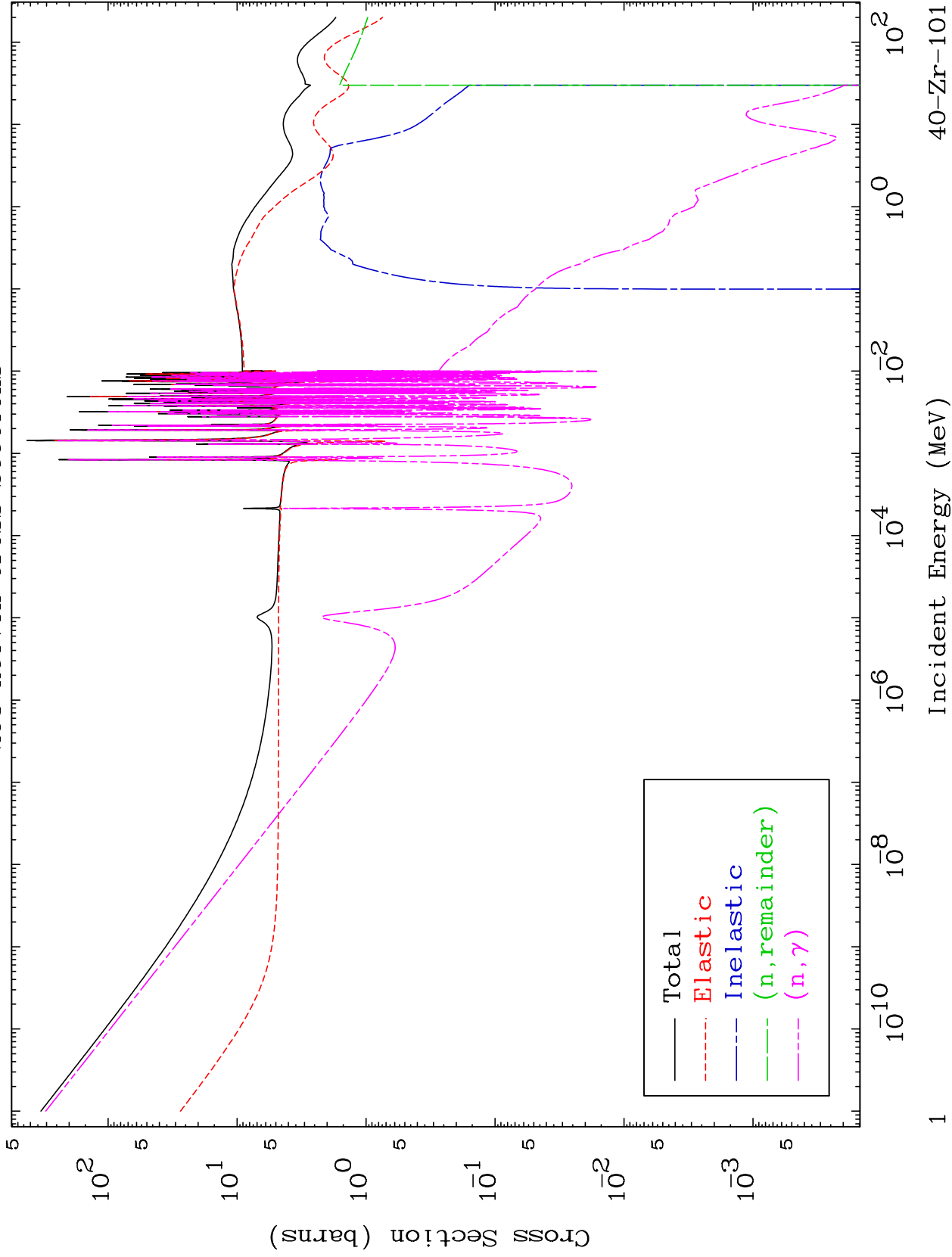
Press Mouse Button to Start

MAT 4058

Major

293 Kelvin Cross Sections

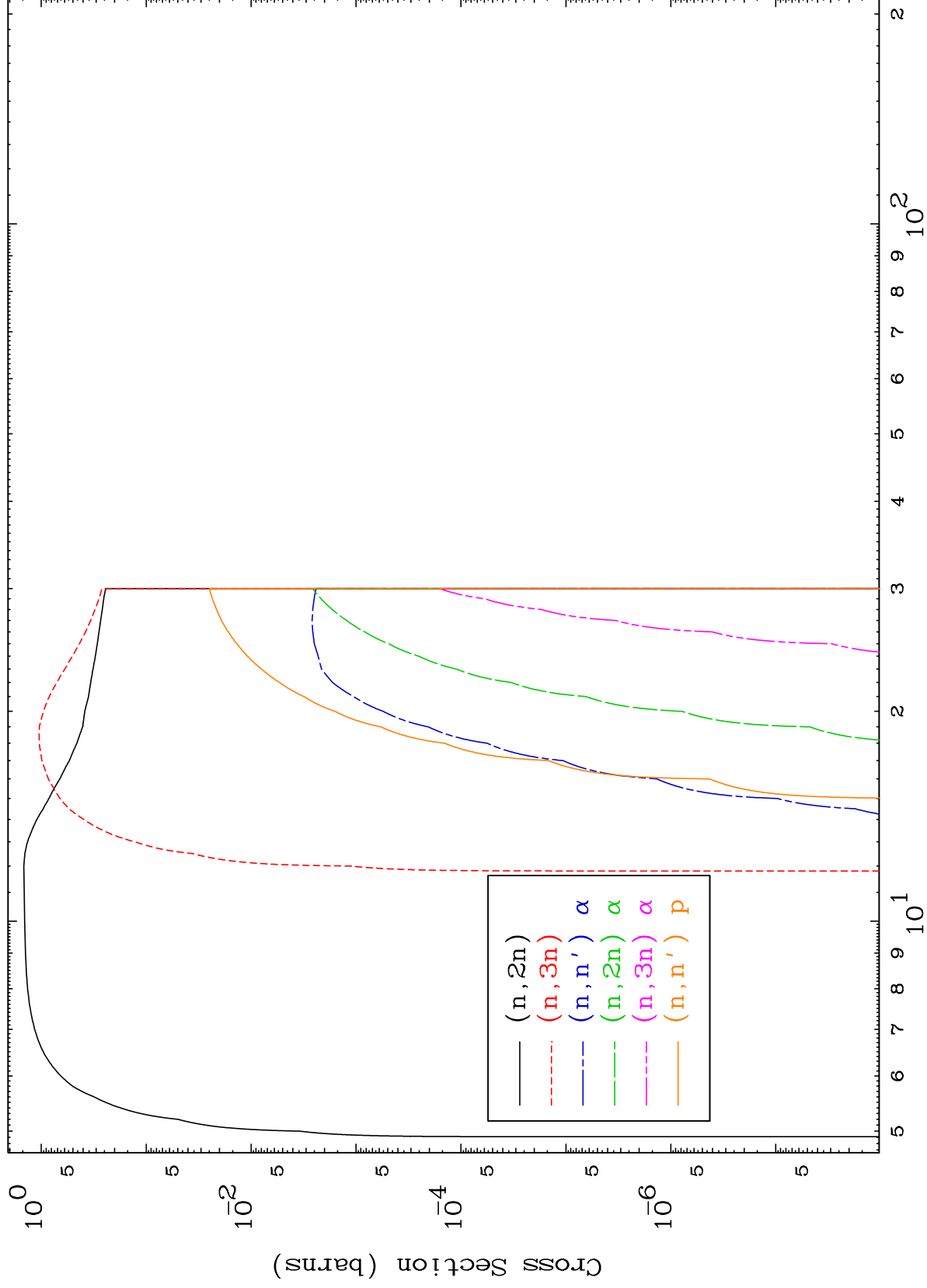
40-Zr-101



MAT 4058

Neutron Production
293 Kelvin Cross Sections

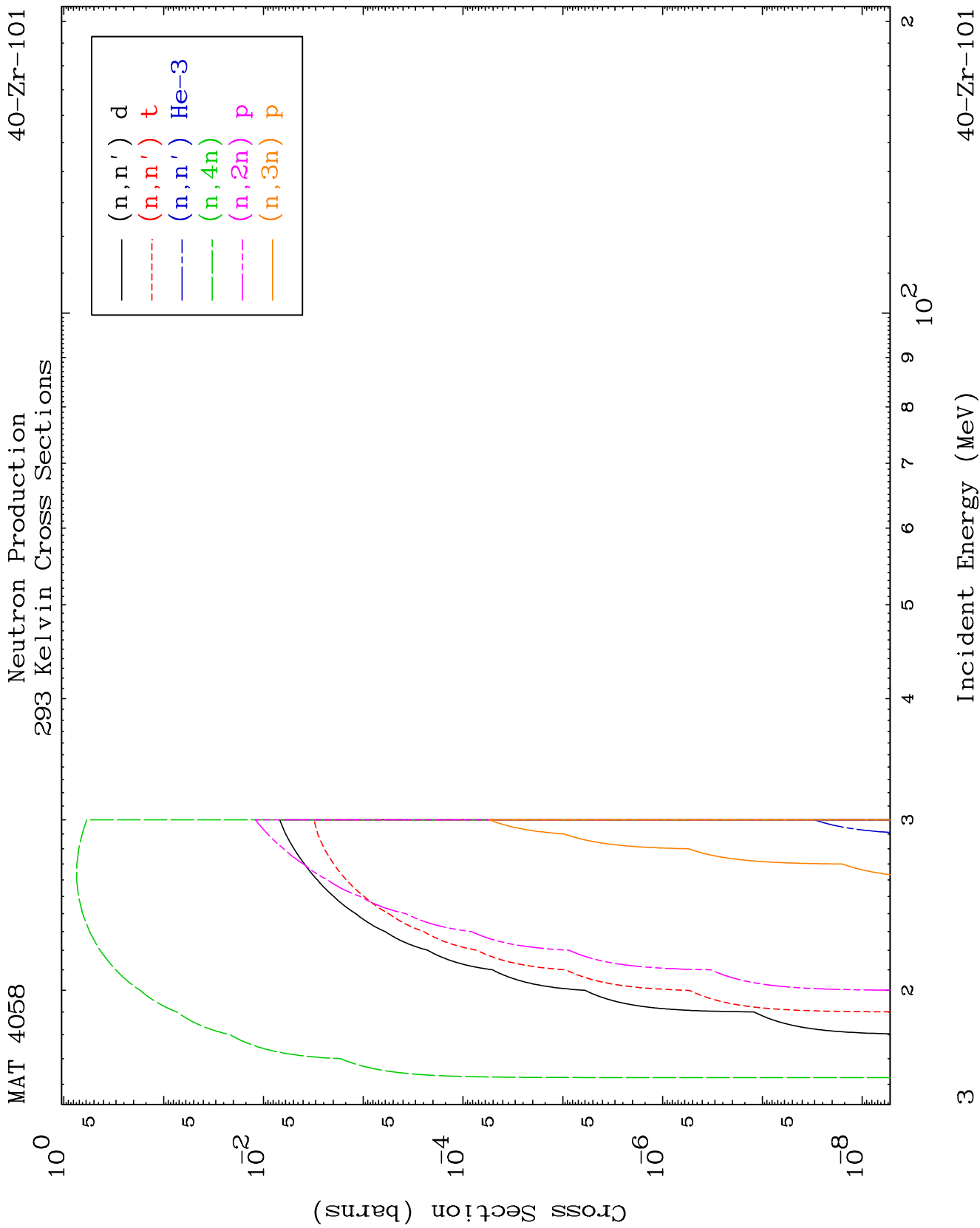
40-Zr-101



2

Incident Energy (MeV)

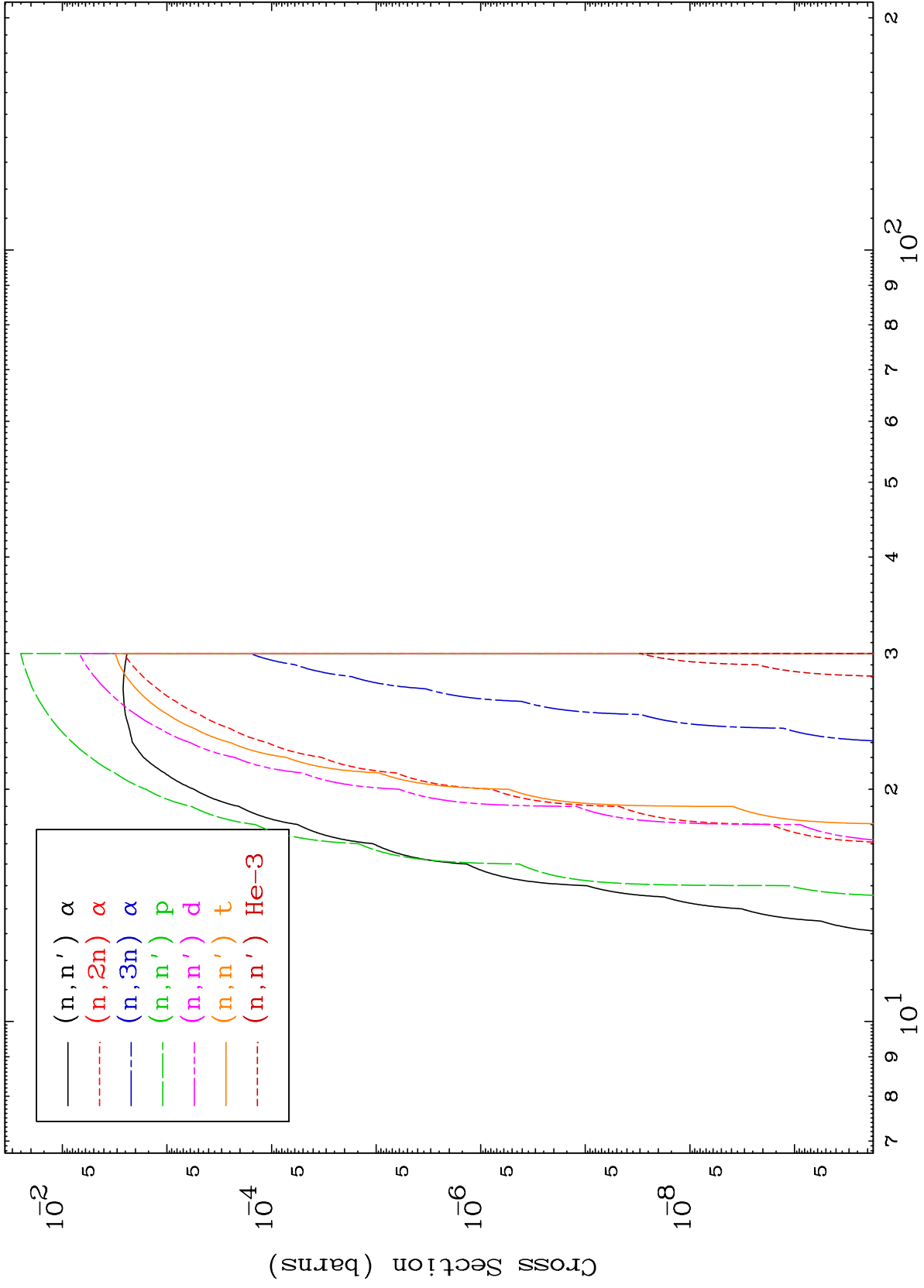
40-Zr-101



MAT 4058

Charged Particle
293 Kelvin Cross Sections

40-Zr-101



4

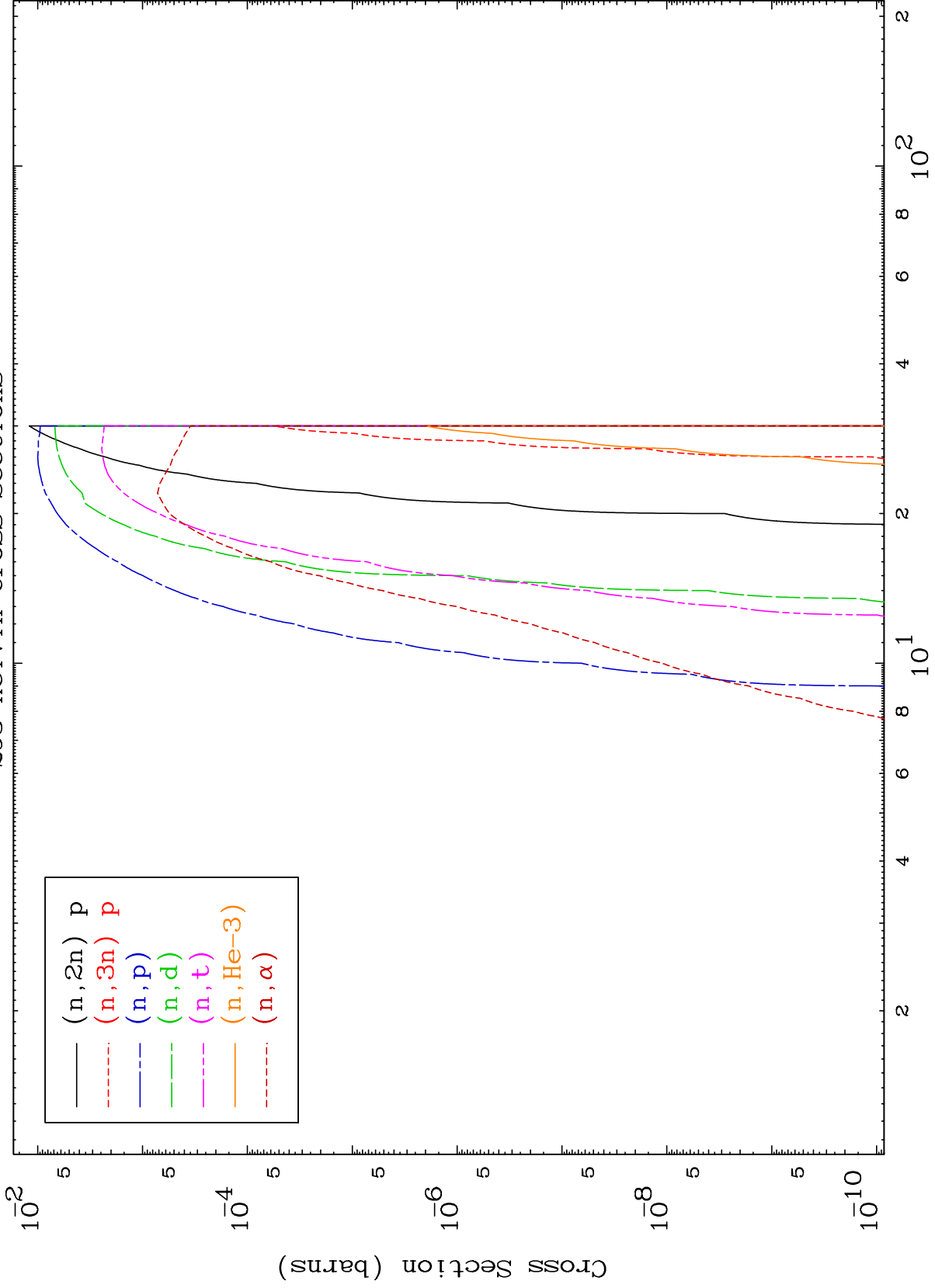
Incident Energy (MeV)

40-Zr-101

MAT 4058

Charged Particle
293 Kelvin Cross Sections

40-Zr-101



5

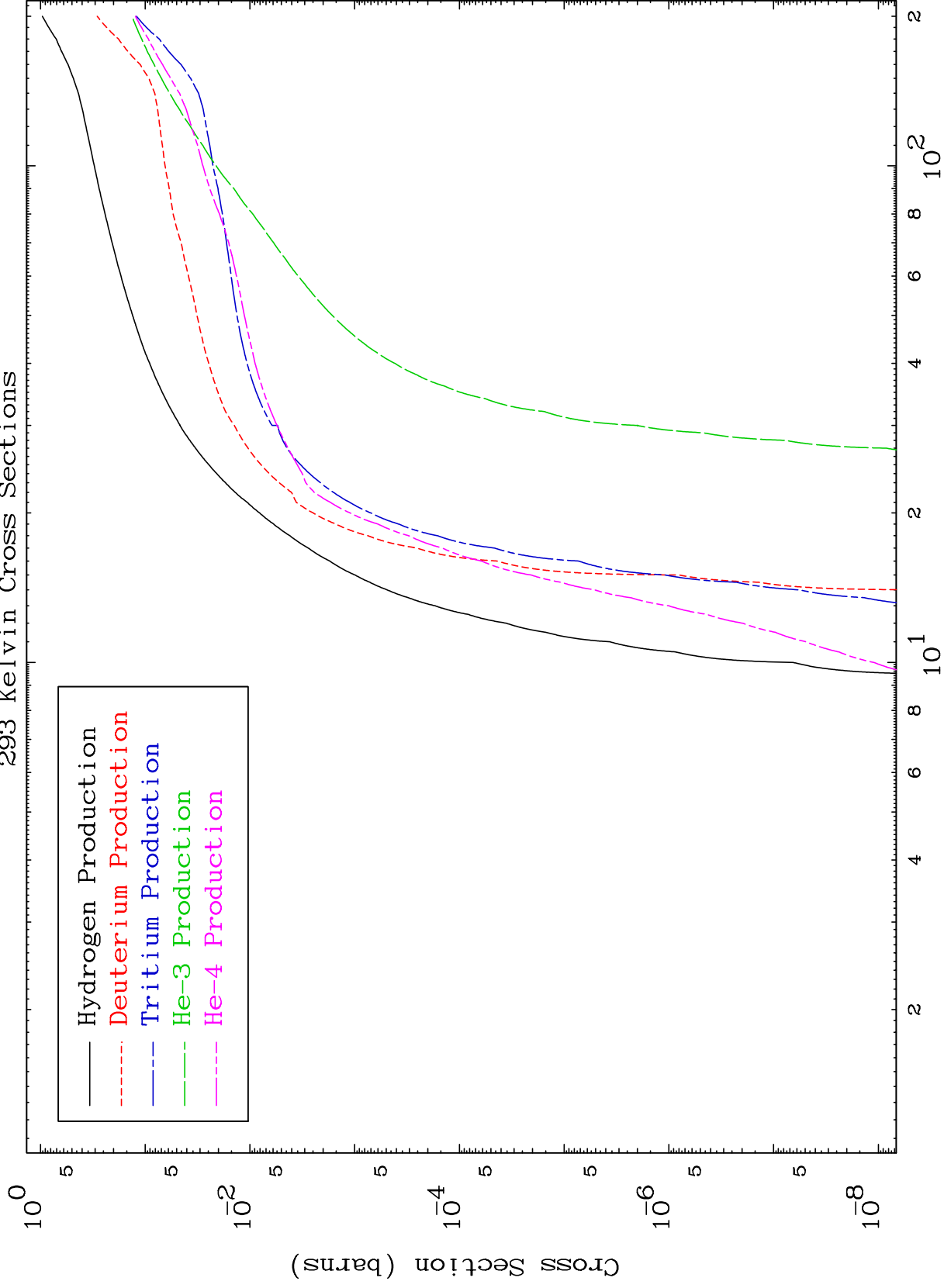
Incident Energy (MeV)

40-Zr-101

MAT 4058

Particle Production
293 Kelvin Cross Sections

40-Zr-101



6

Incident Energy (MeV)

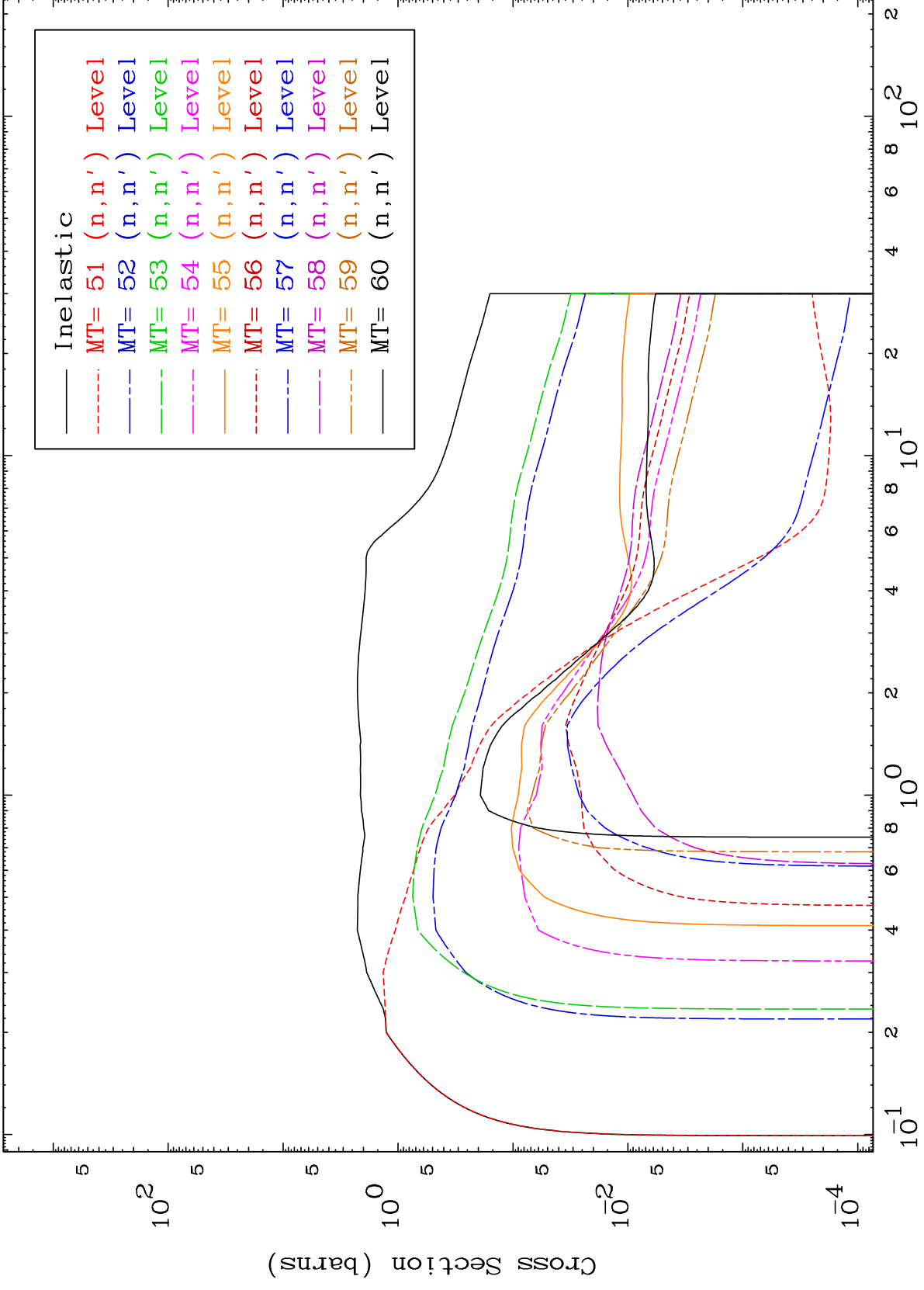
40-Zr-101

MAT 4058

(n,n') Level

40-Zr-101

293 Kelvin Cross Sections



Incident Energy (MeV)

40-Zr-101

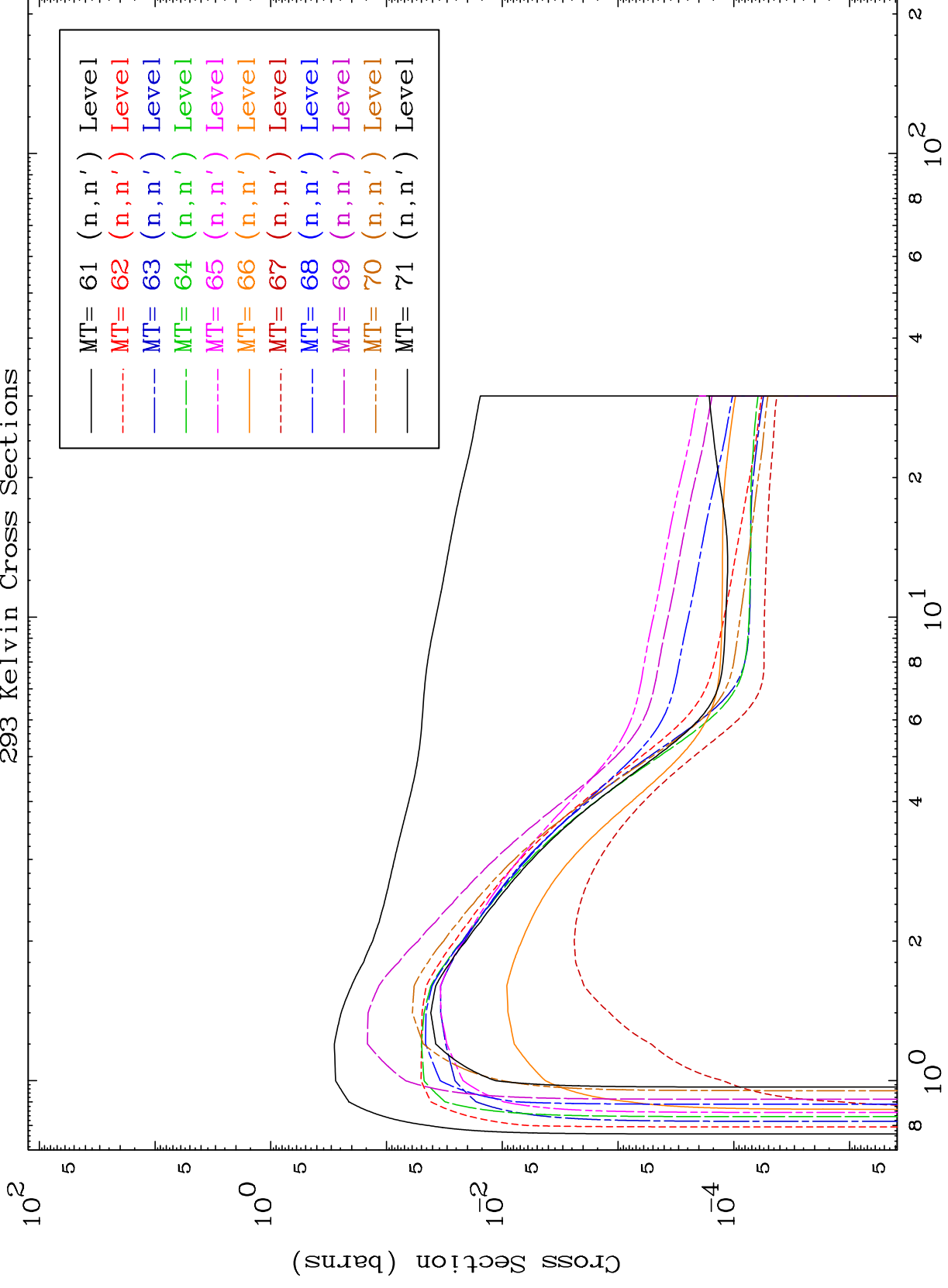
7

MAT 4058

(n,n') Level

40-Zr-101

293 Kelvin Cross Sections



Incident Energy (MeV)

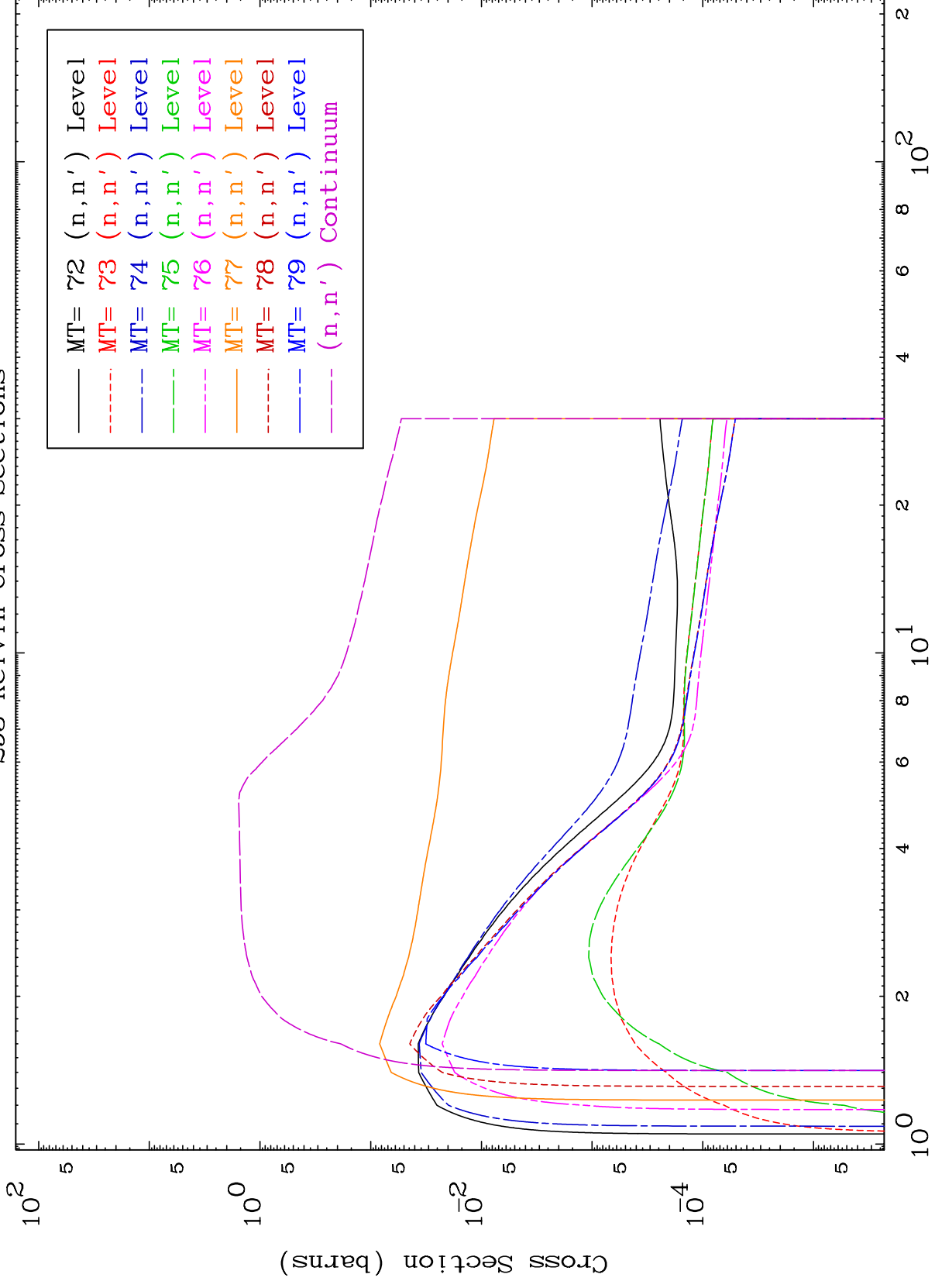
40-Zr-101

MAT 4058

(n,n') Level

40-Zr-101

293 Kelvin Cross Sections



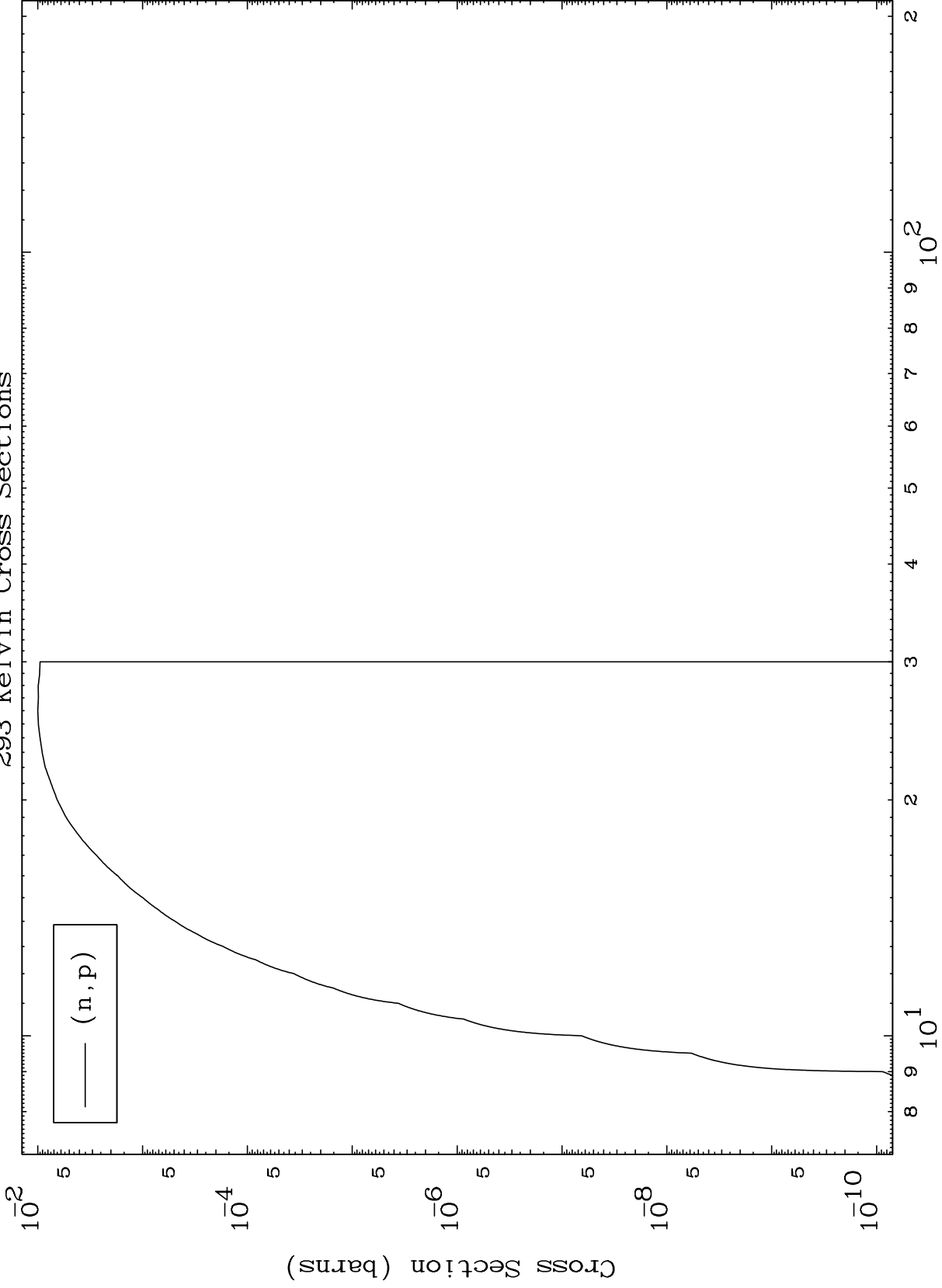
Incident Energy (MeV)

40-Zr-101

MAT 4058

40-Zr-101

(n,p) Levels
293 Kelvin Cross Sections



40-Zr-101

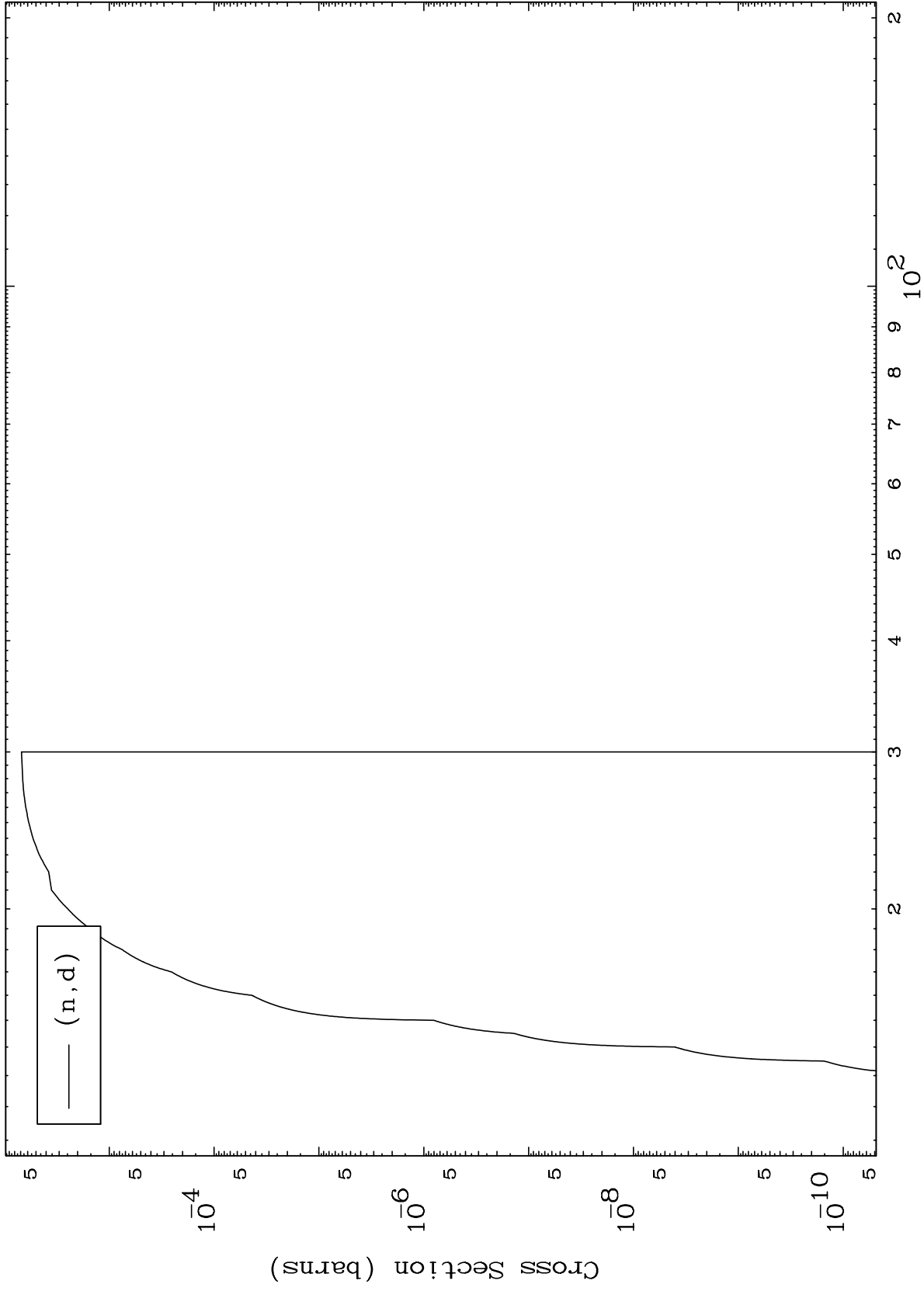
Incident Energy (MeV)

10

MAT 4058

40-Zr-101

(n,d) Levels
293 Kelvin Cross Sections



11

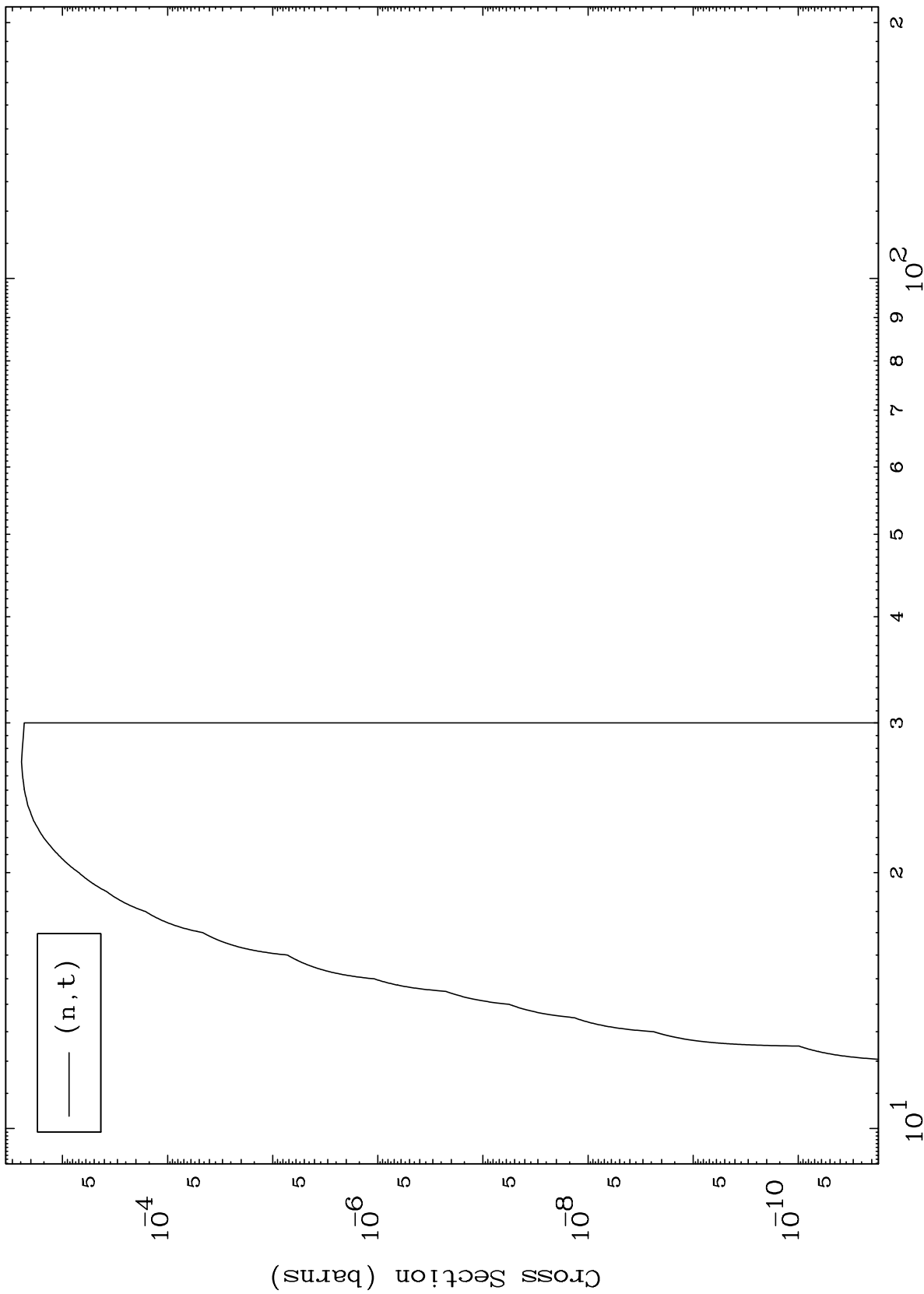
Incident Energy (MeV)

40-Zr-101

MAT 4058

40-Zr-101

(n,t) Levels
293 Kelvin Cross Sections



40-Zr-101

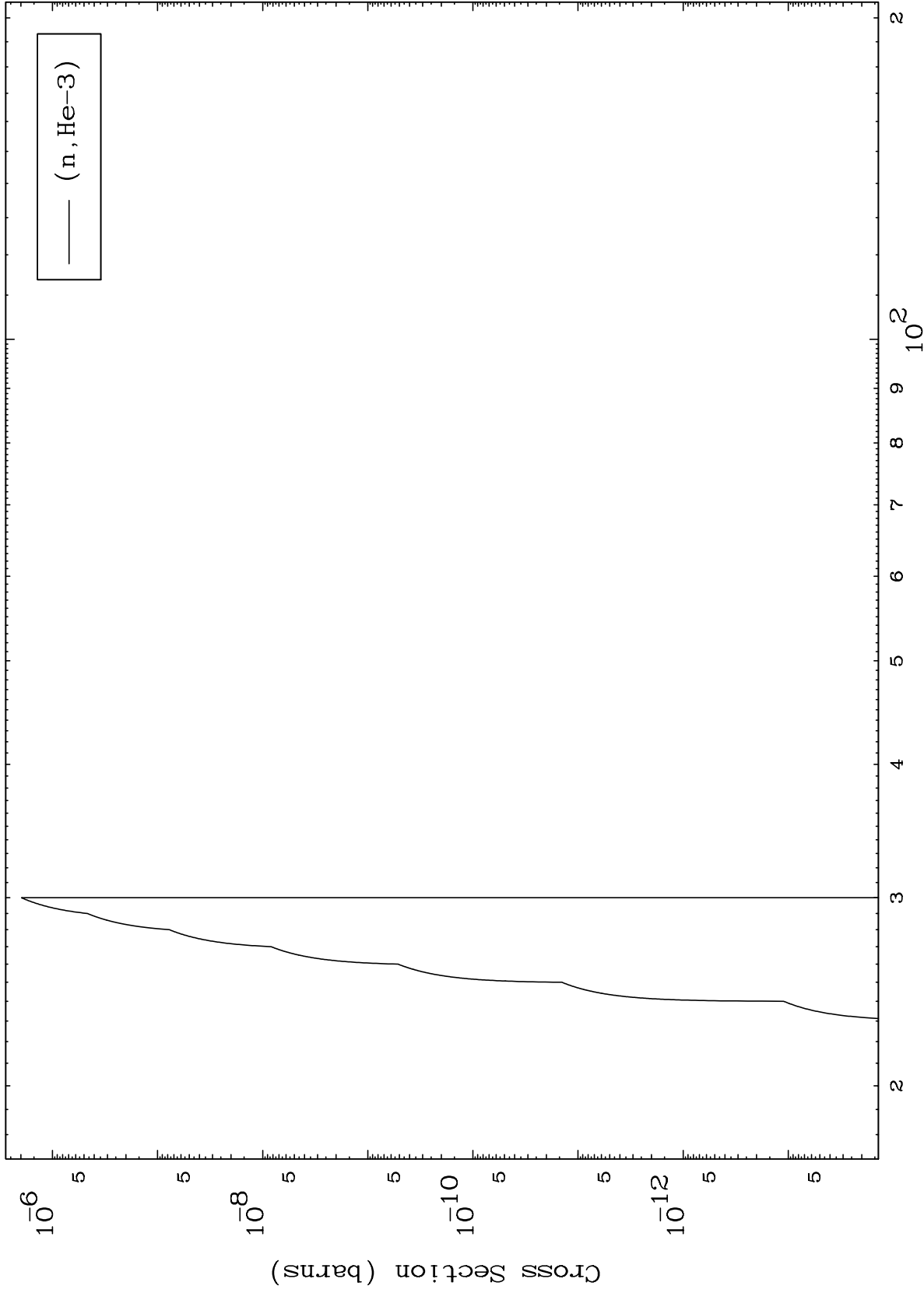
Incident Energy (MeV)

12

MAT 4058

(n,He3) Levels
293 Kelvin Cross Sections

40-Zr-101



13

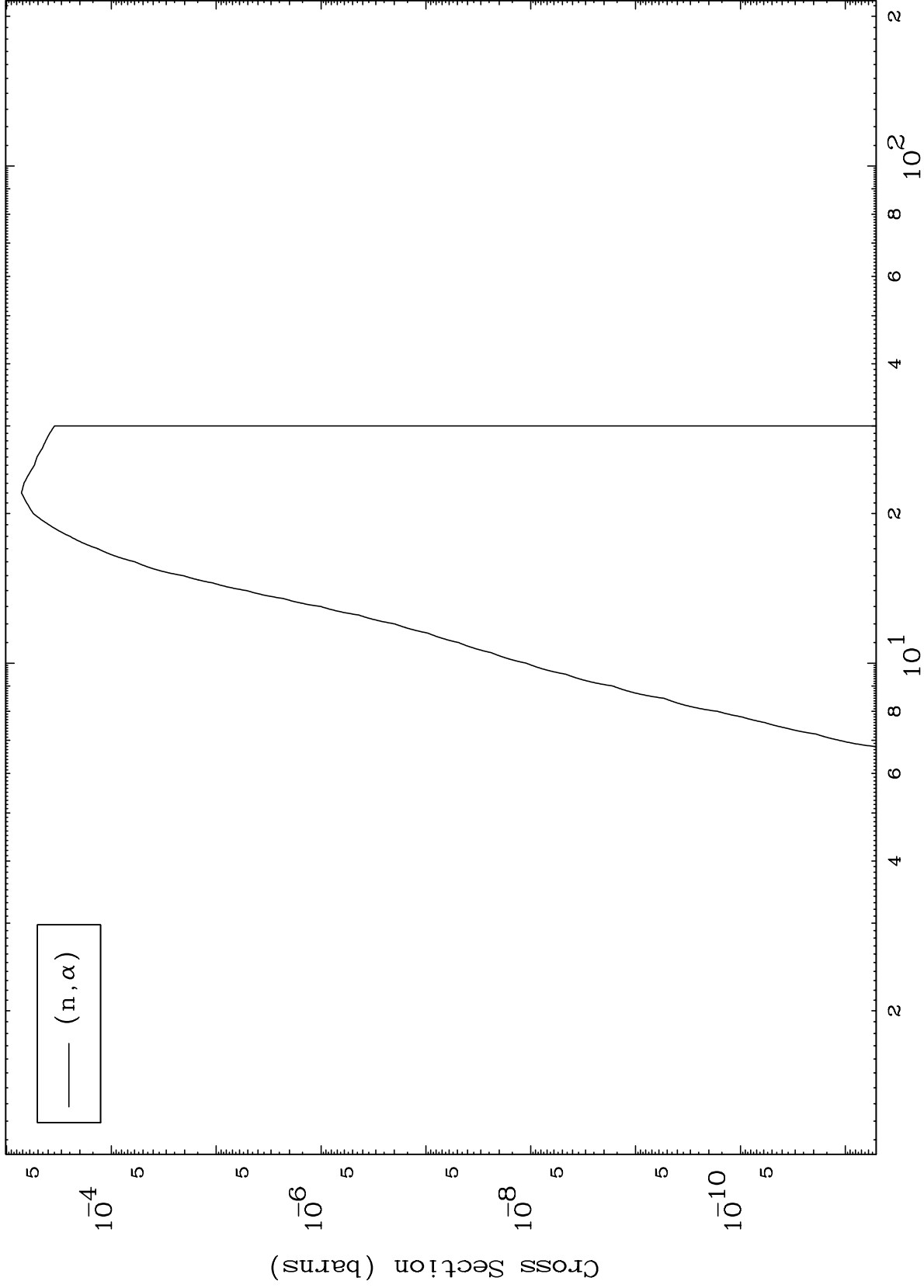
Incident Energy (MeV)

40-Zr-101

MAT 4058

(n, α) Levels
293 Kelvin Cross Sections

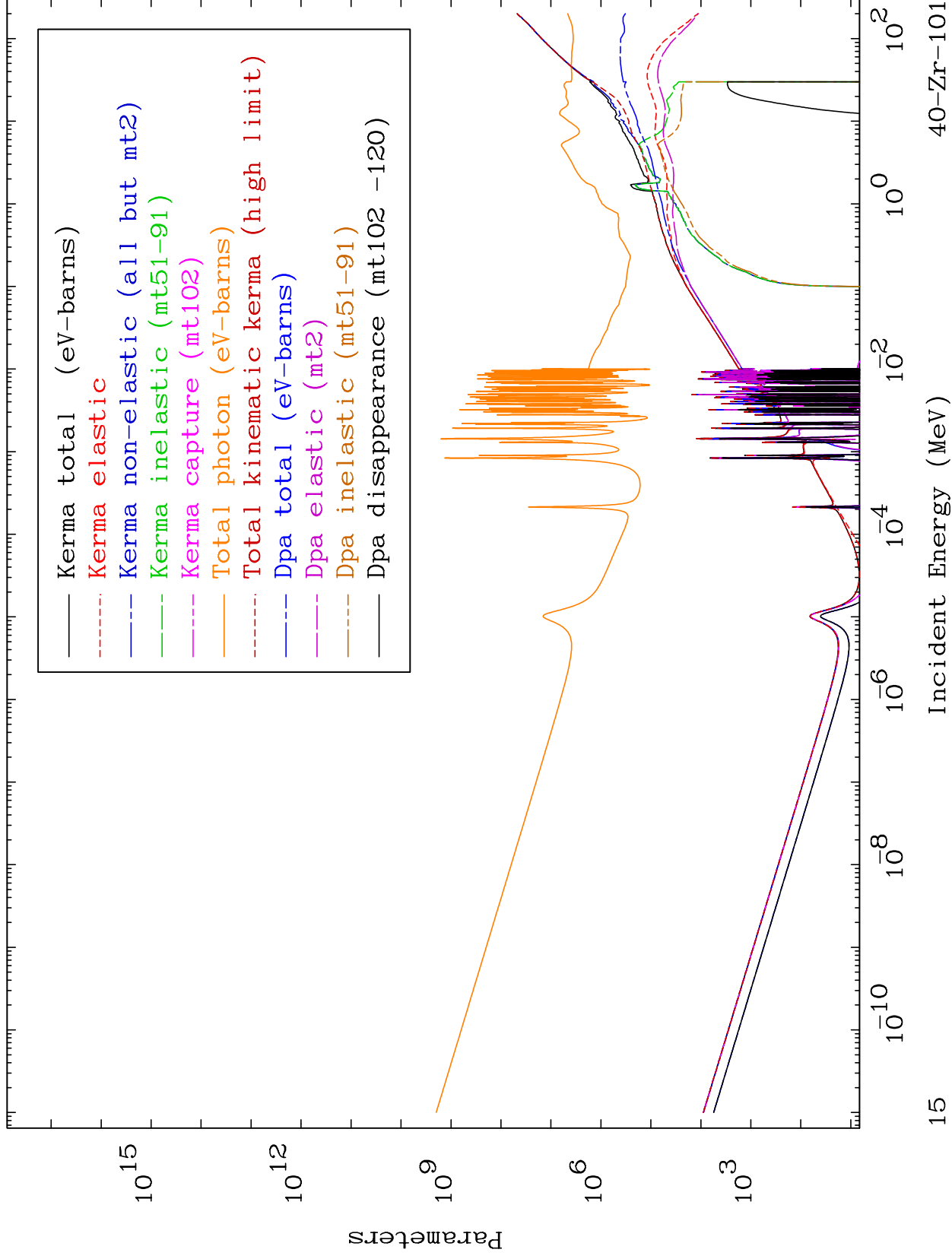
40-Zr-101



14

Incident Energy (MeV)

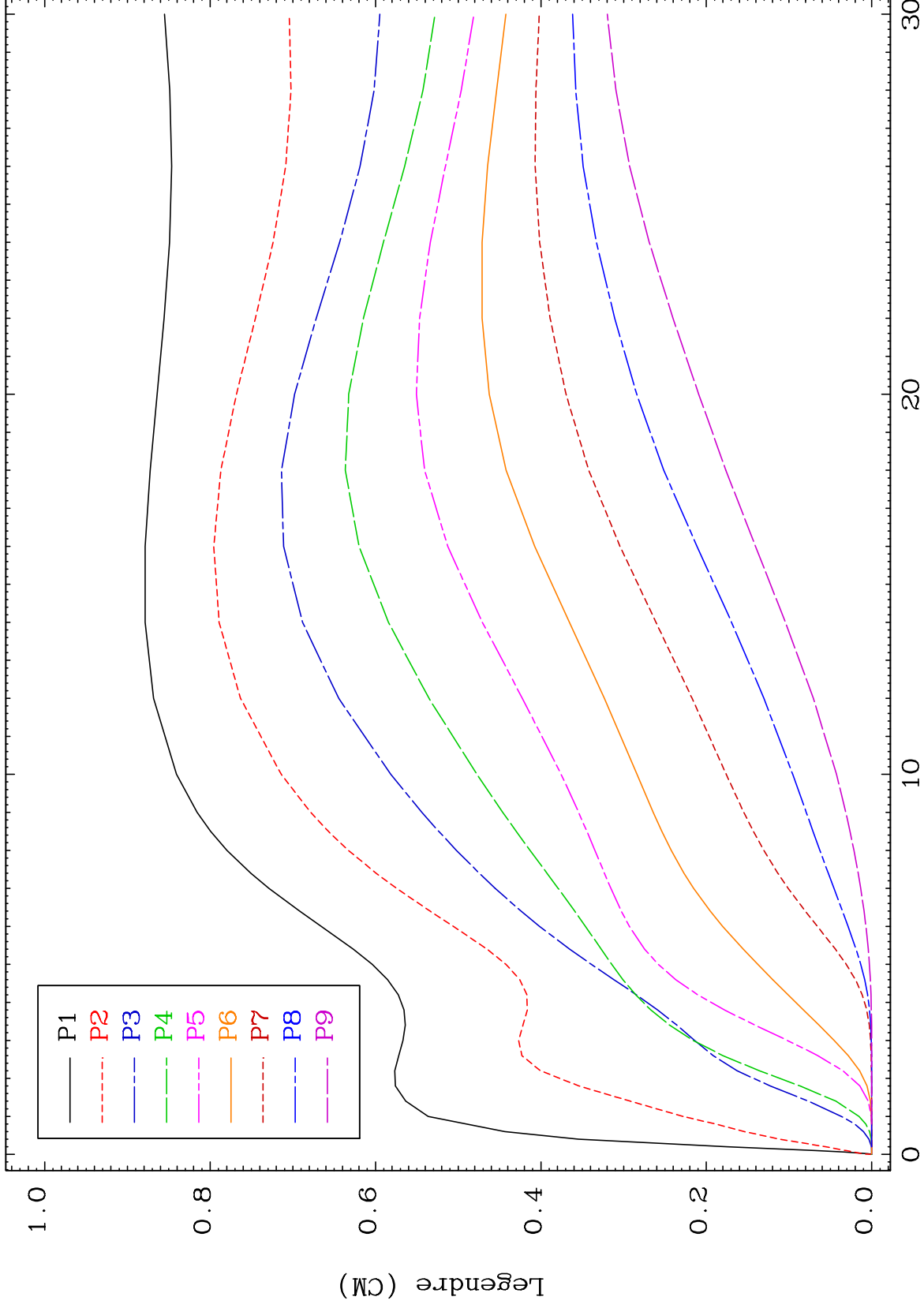
40-Zr-101



MAT 4058

Elastic Legendre Coefficients

40-Zr-101



16

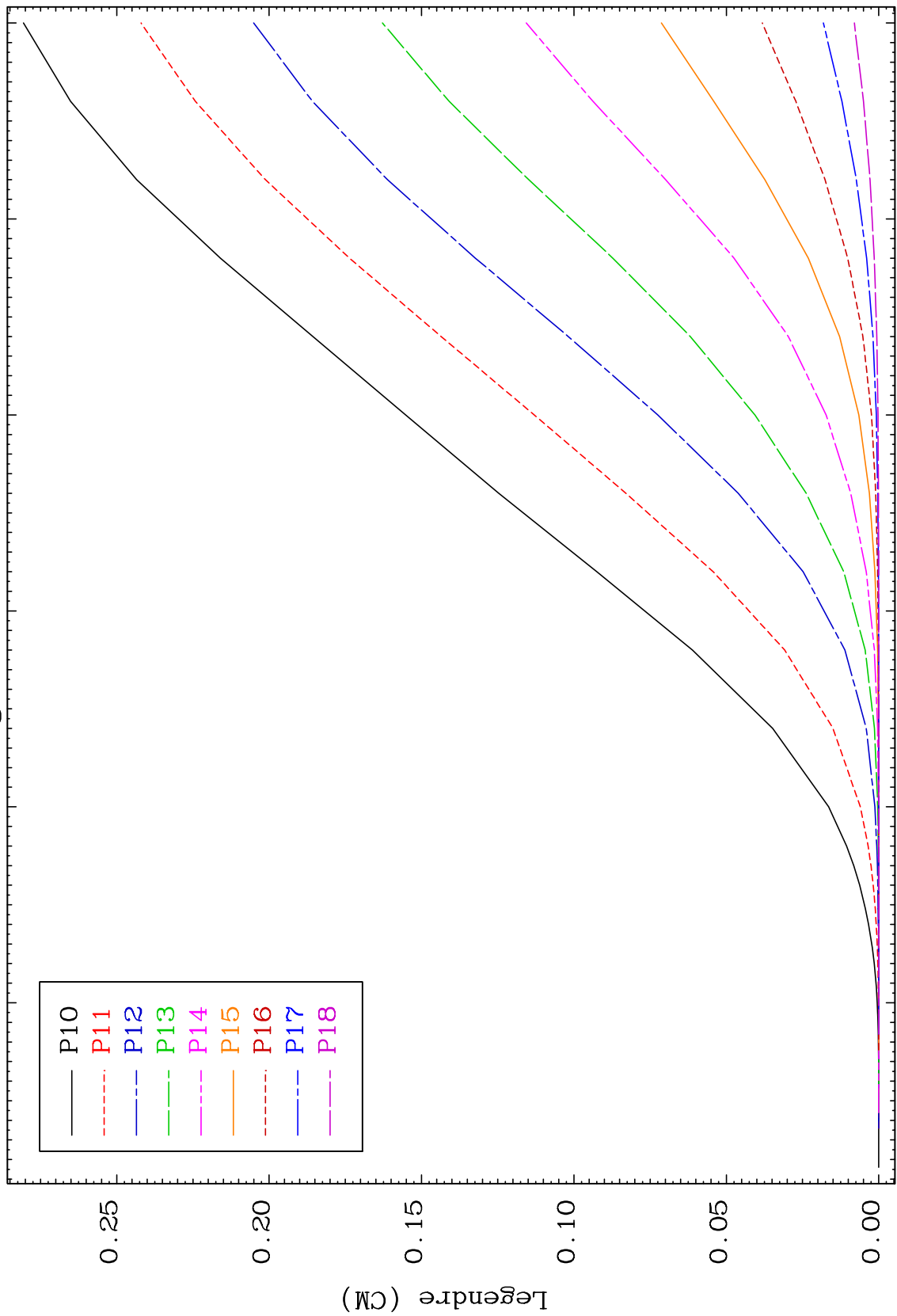
Incident Energy (MeV)

40-Zr-101

MAT 4058

Elastic Legendre Coefficients

40-Zr-101



17

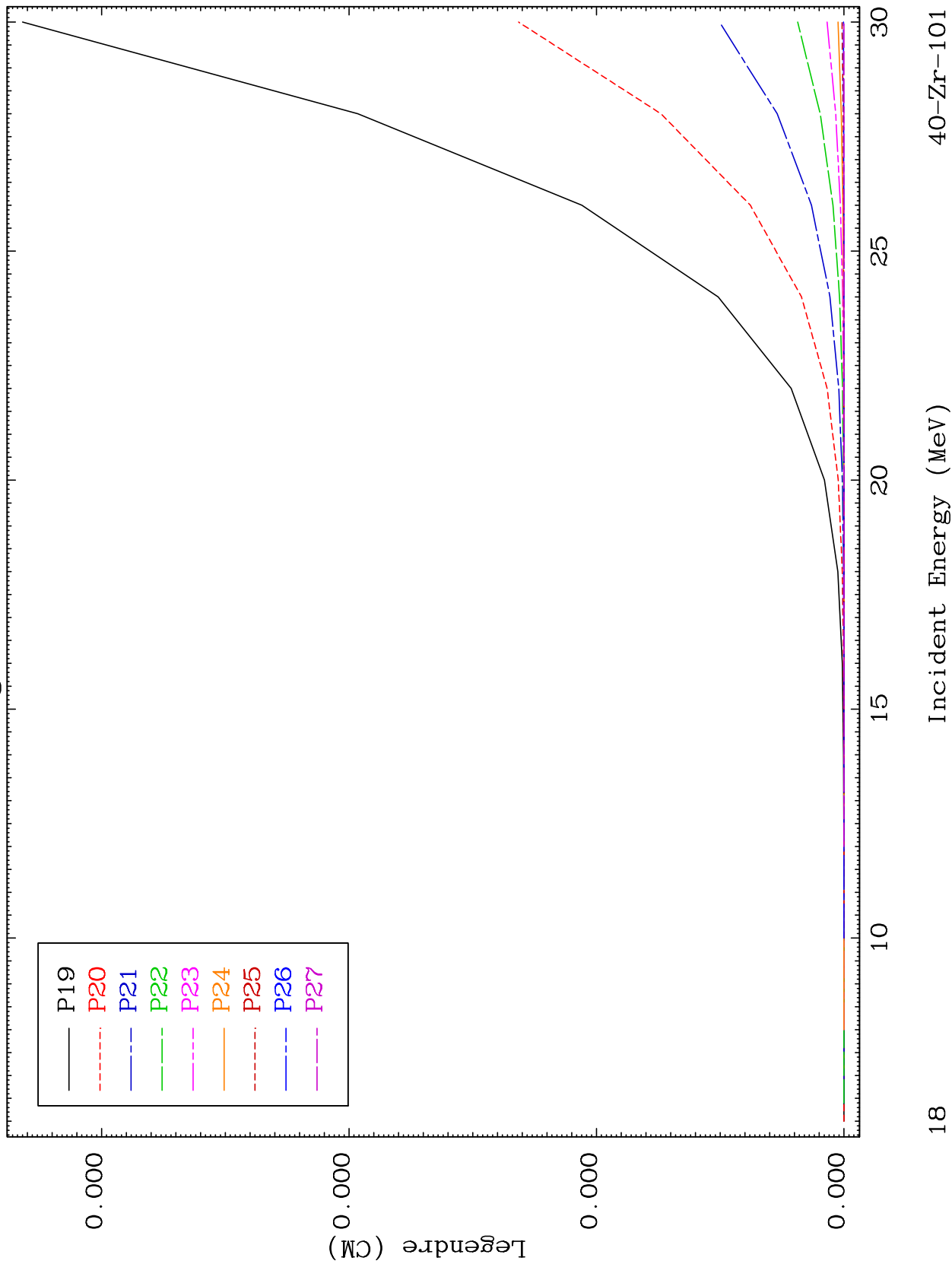
40-Zr-101

Incident Energy (MeV)

MAT 4058

Elastic Legendre Coefficients

40-Zr-101



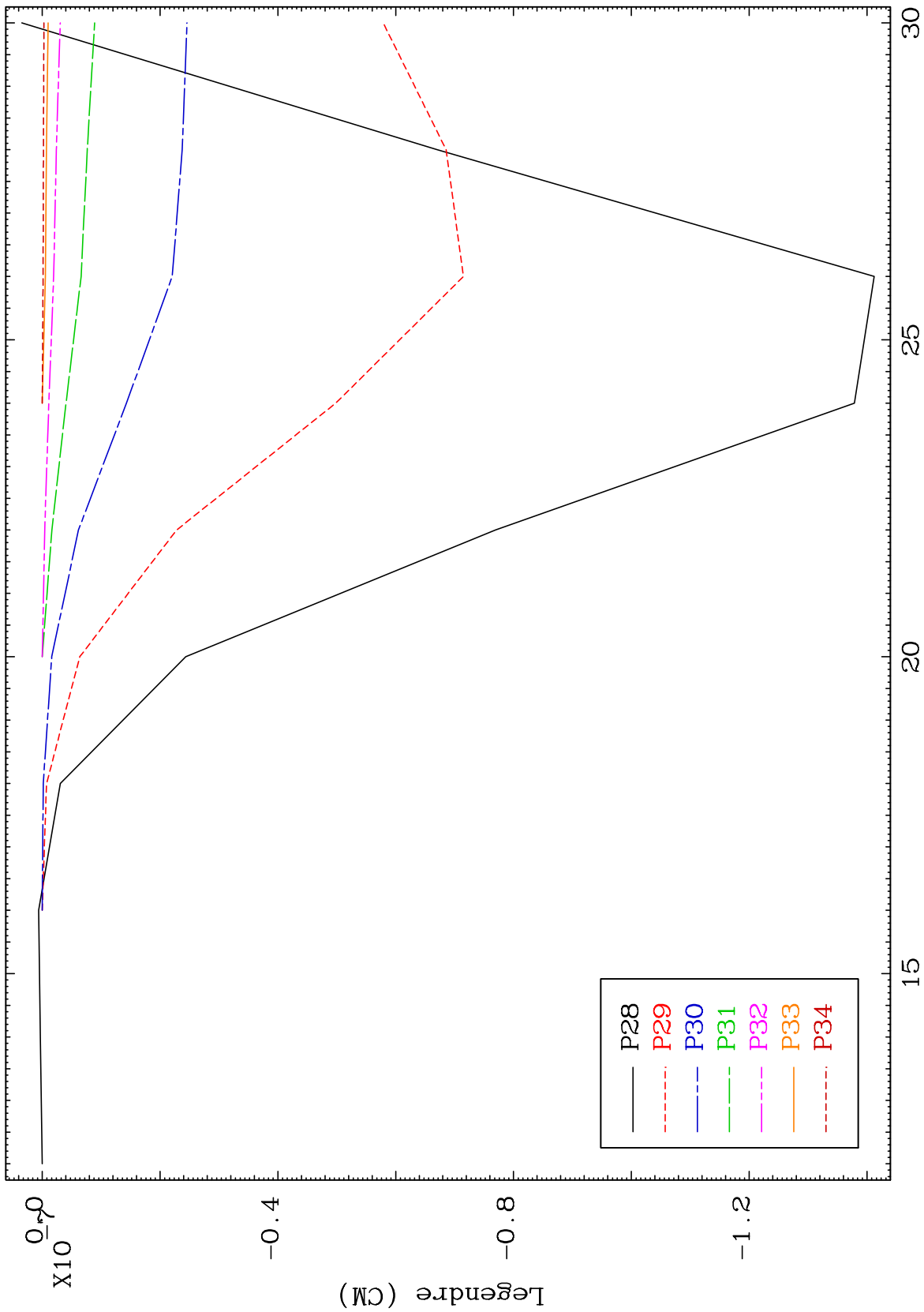
18

40-Zr-101

MAT 4058

40-Zr-101

Elastic Legendre Coefficients



19

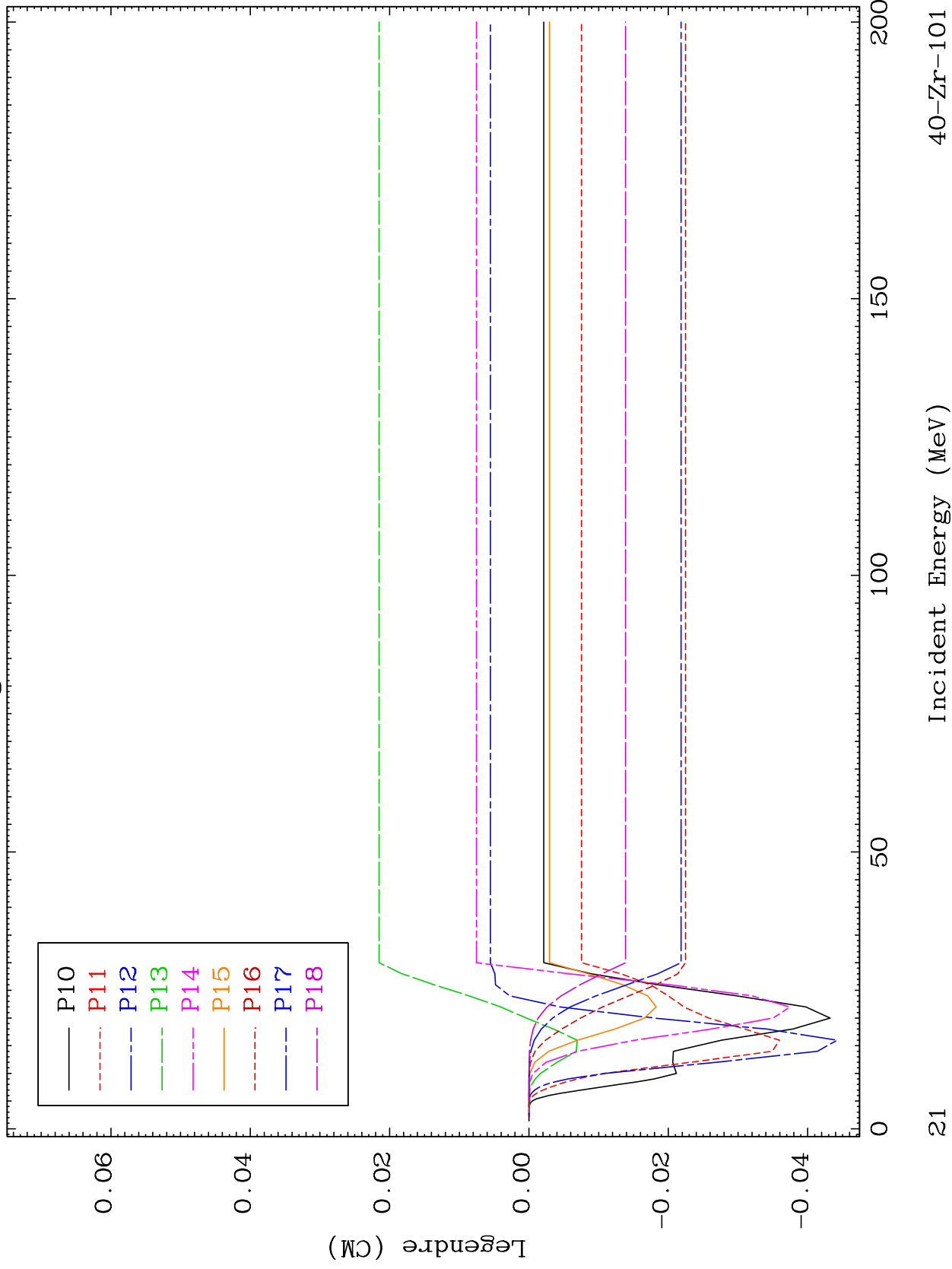
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

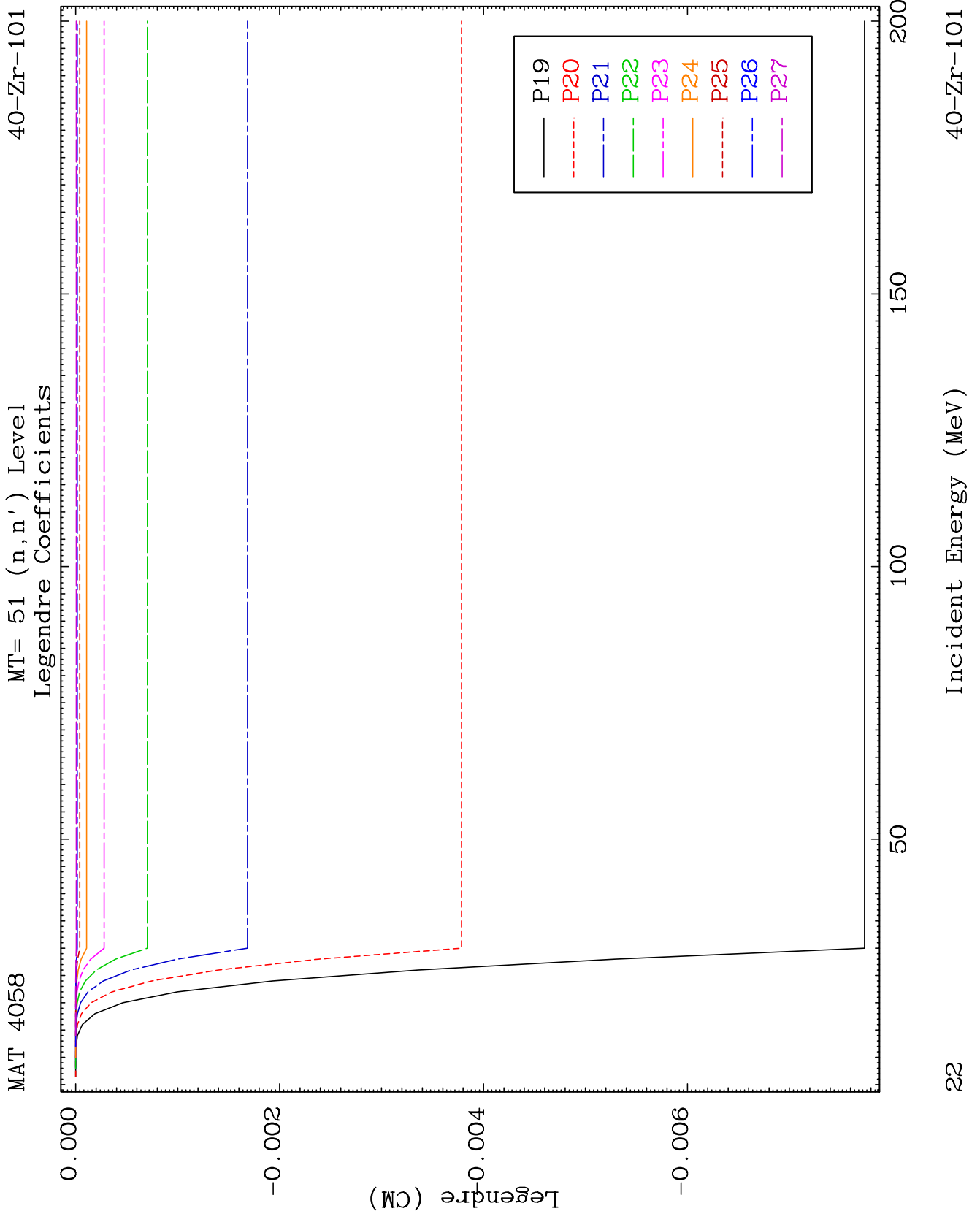
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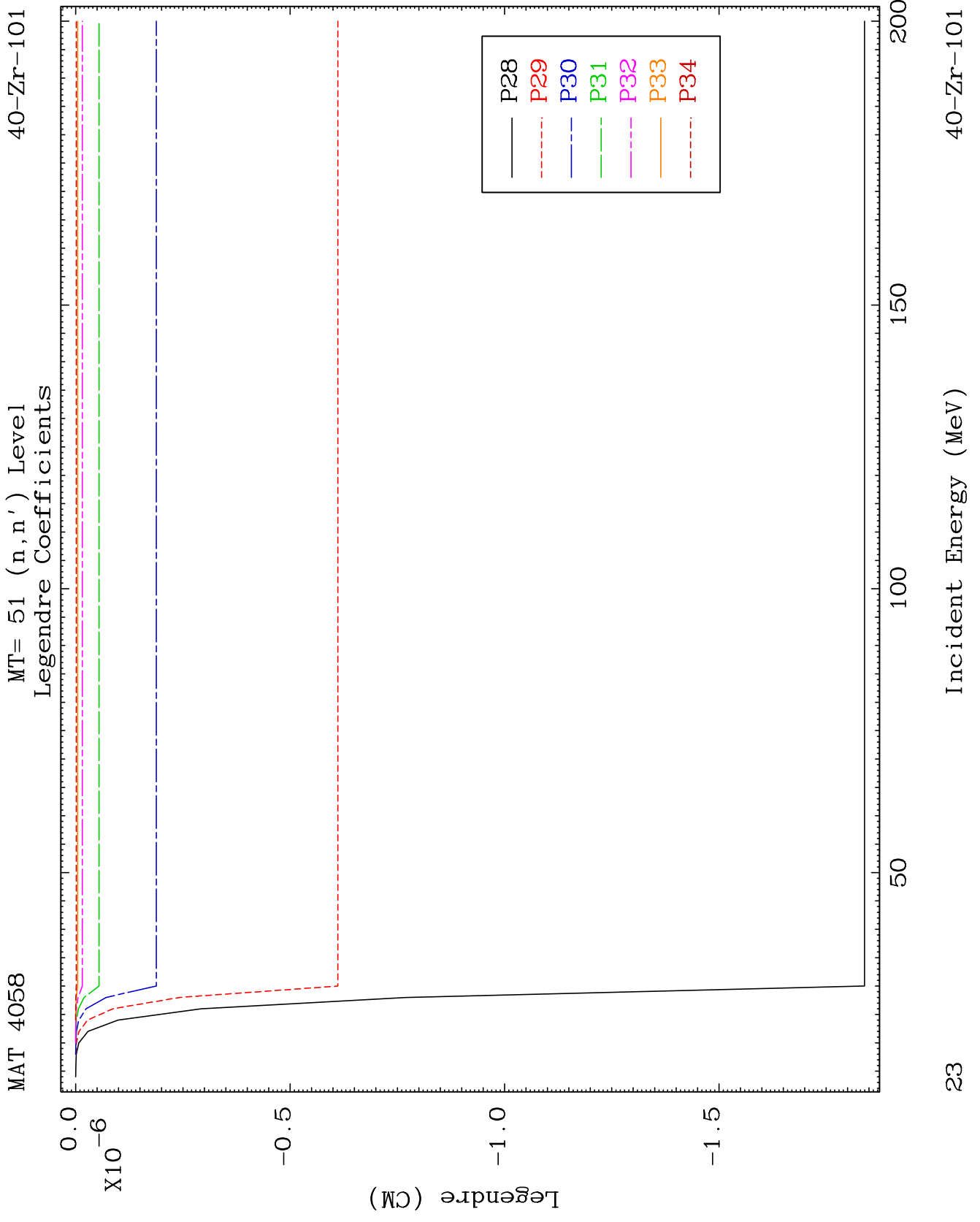


40-Zr-101

Incident Energy (MeV)

21

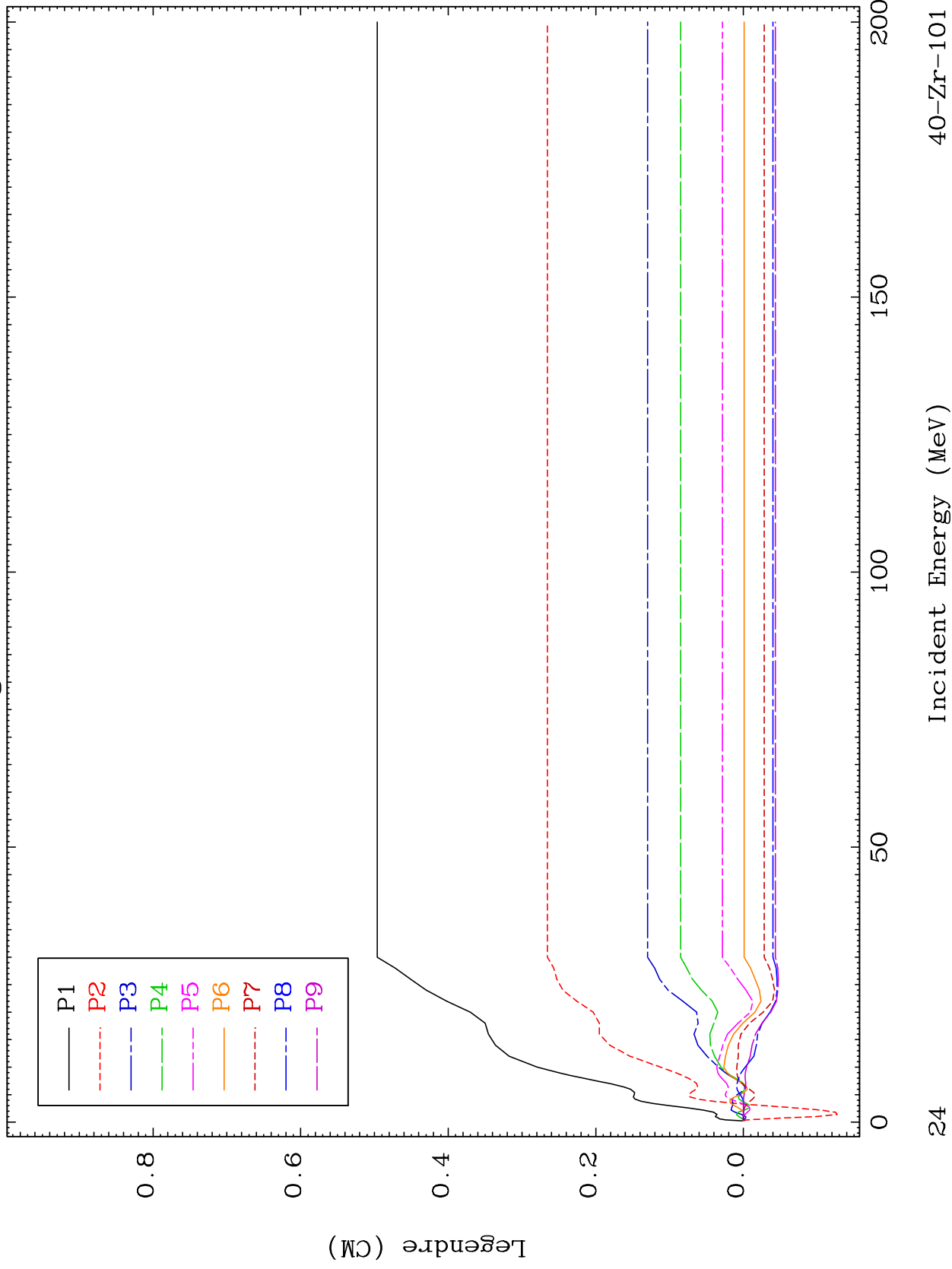




MAT 4058

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

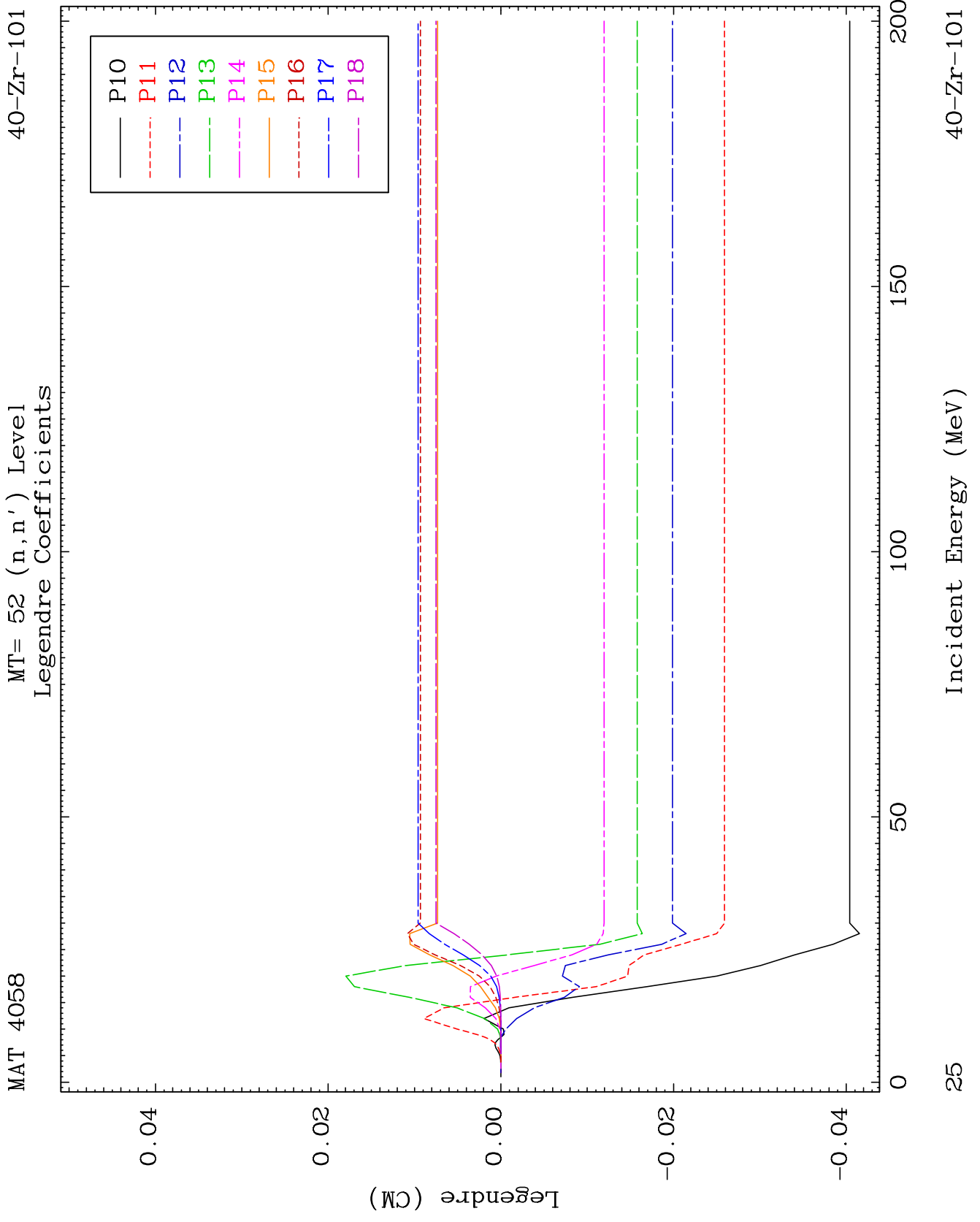
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24

Incident Energy (MeV)

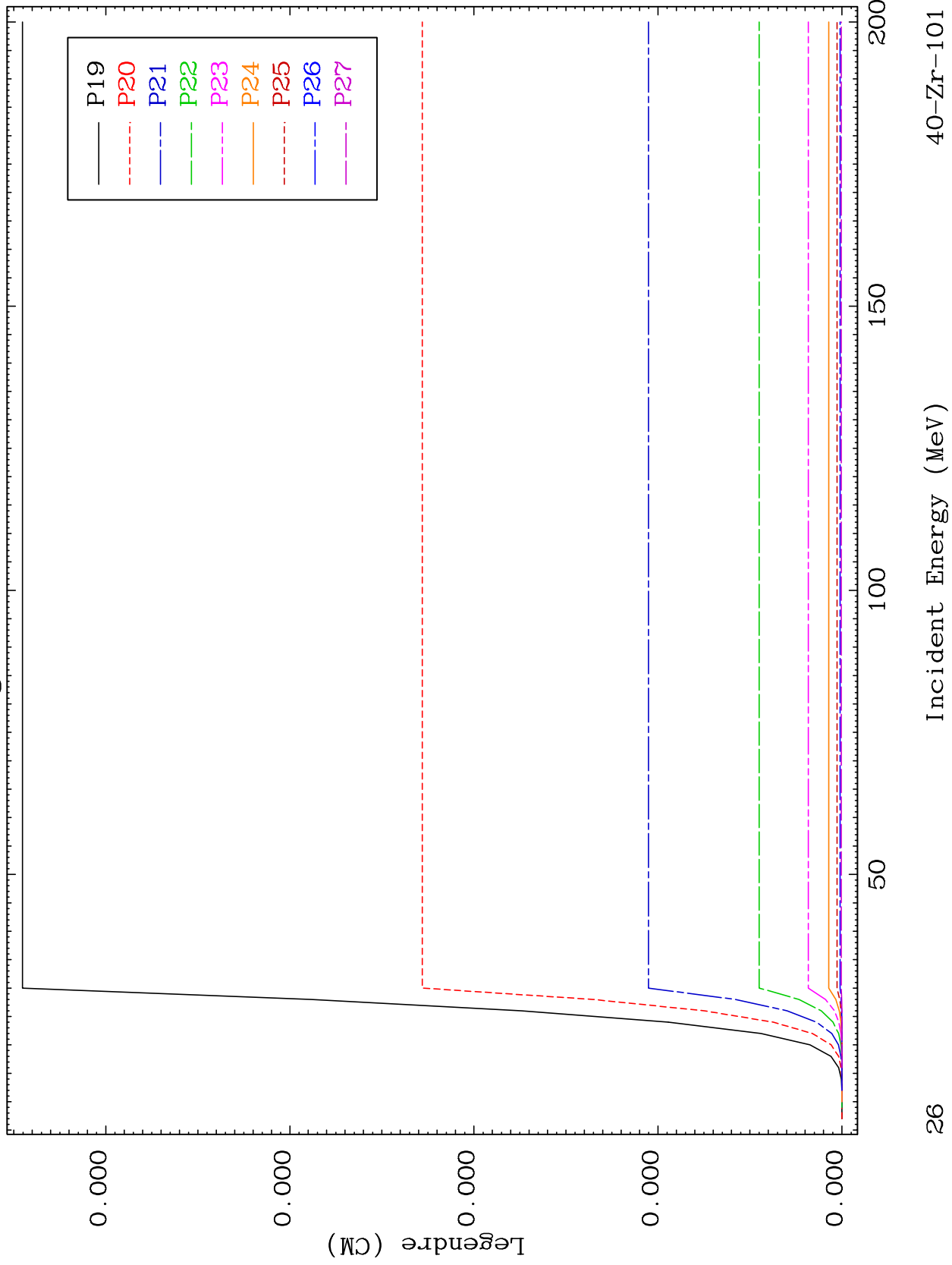
40-Zr-101



MAT 4058

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

40-Zr-101



26

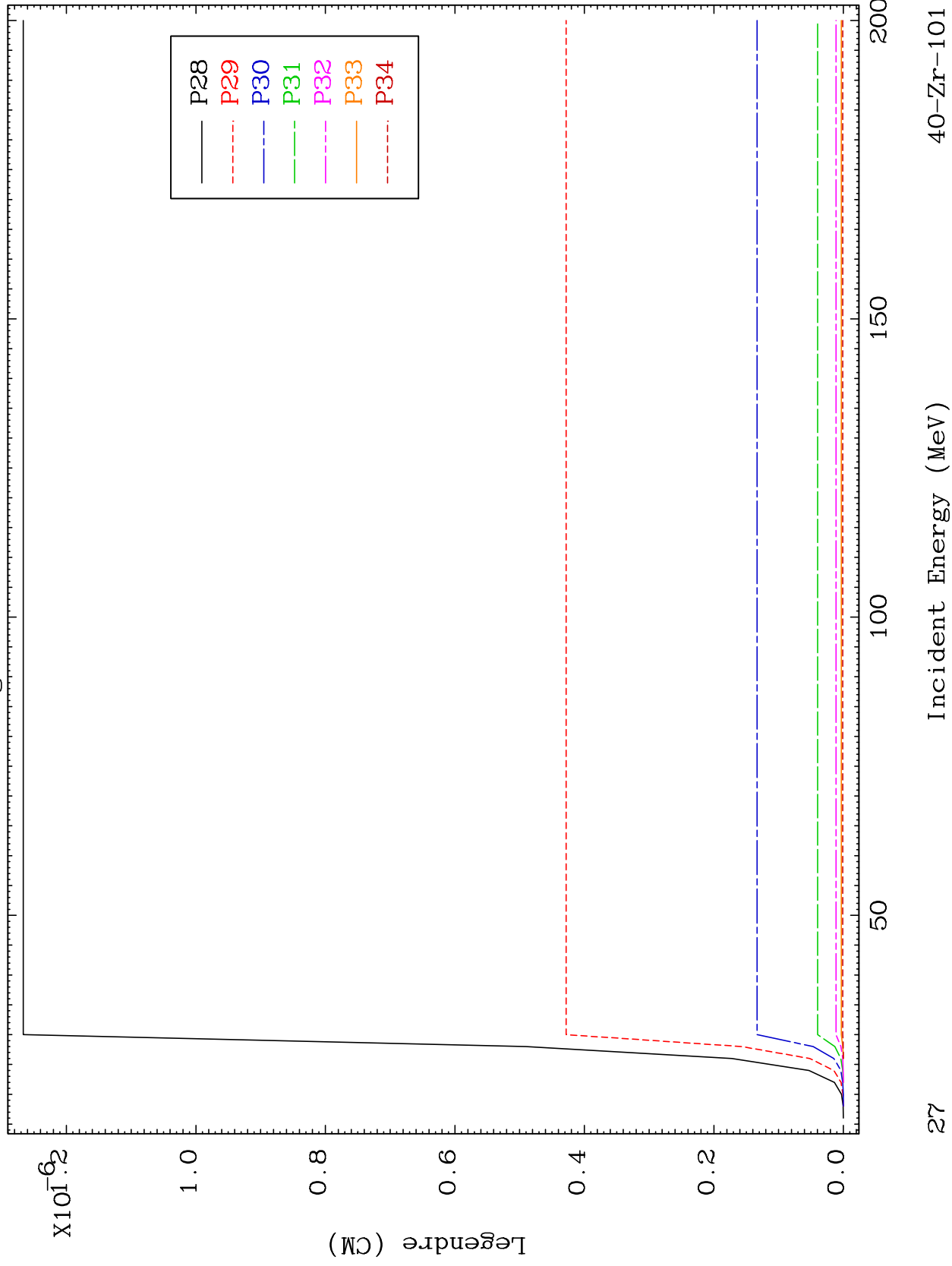
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

40-Zr-101



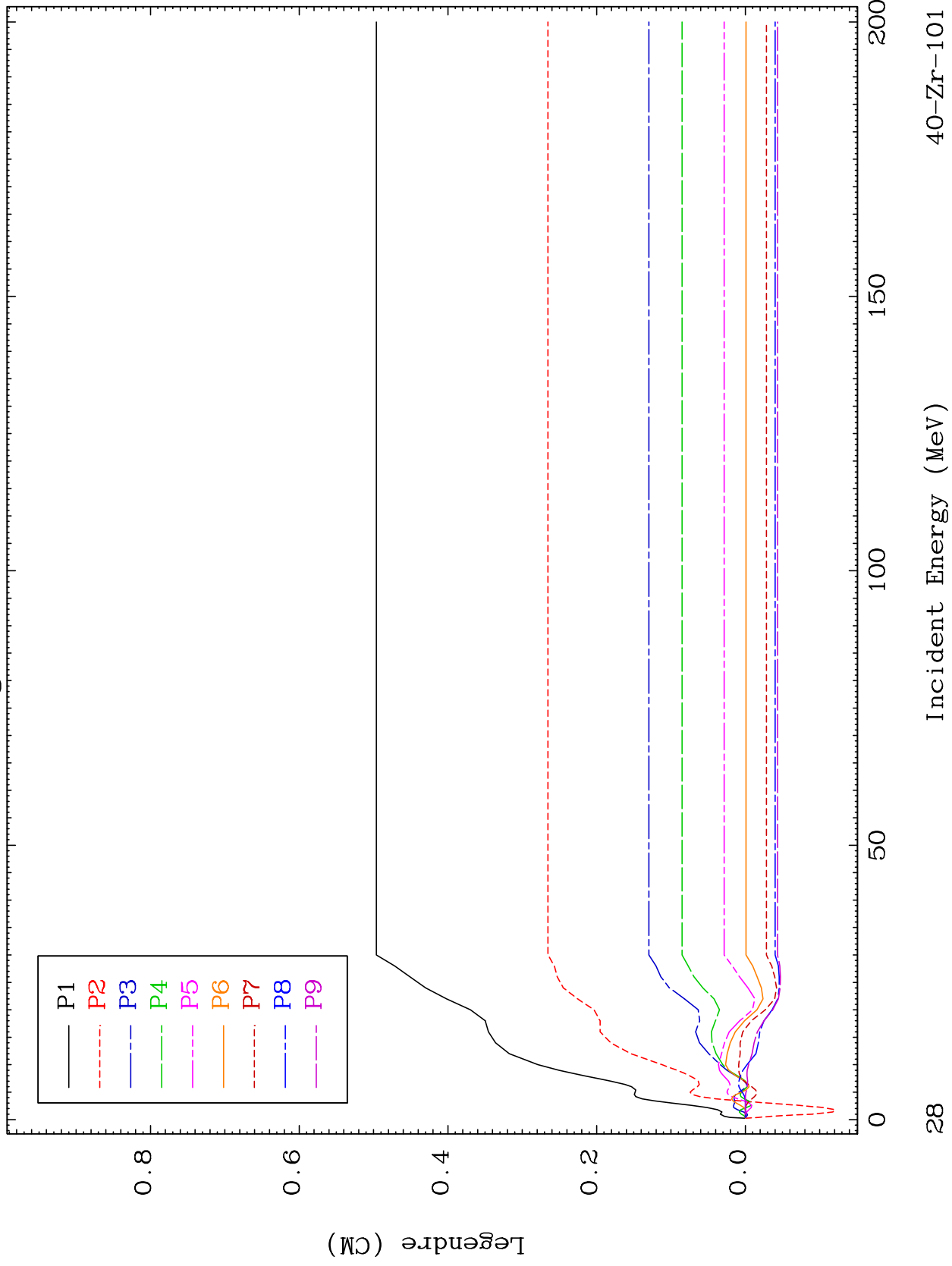
27

40-Zr-101

MAT 4058

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

40-Zr-101



28

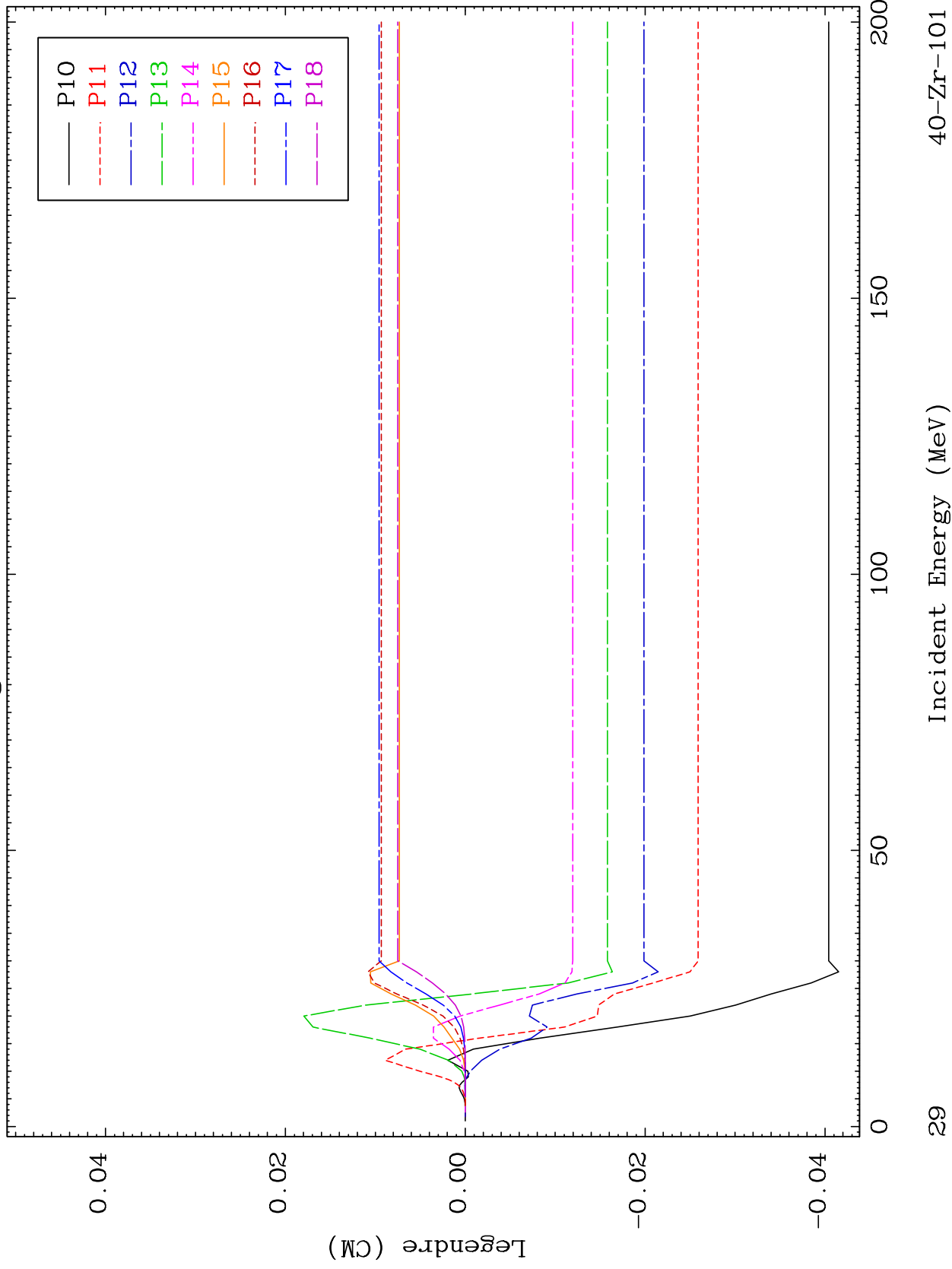
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

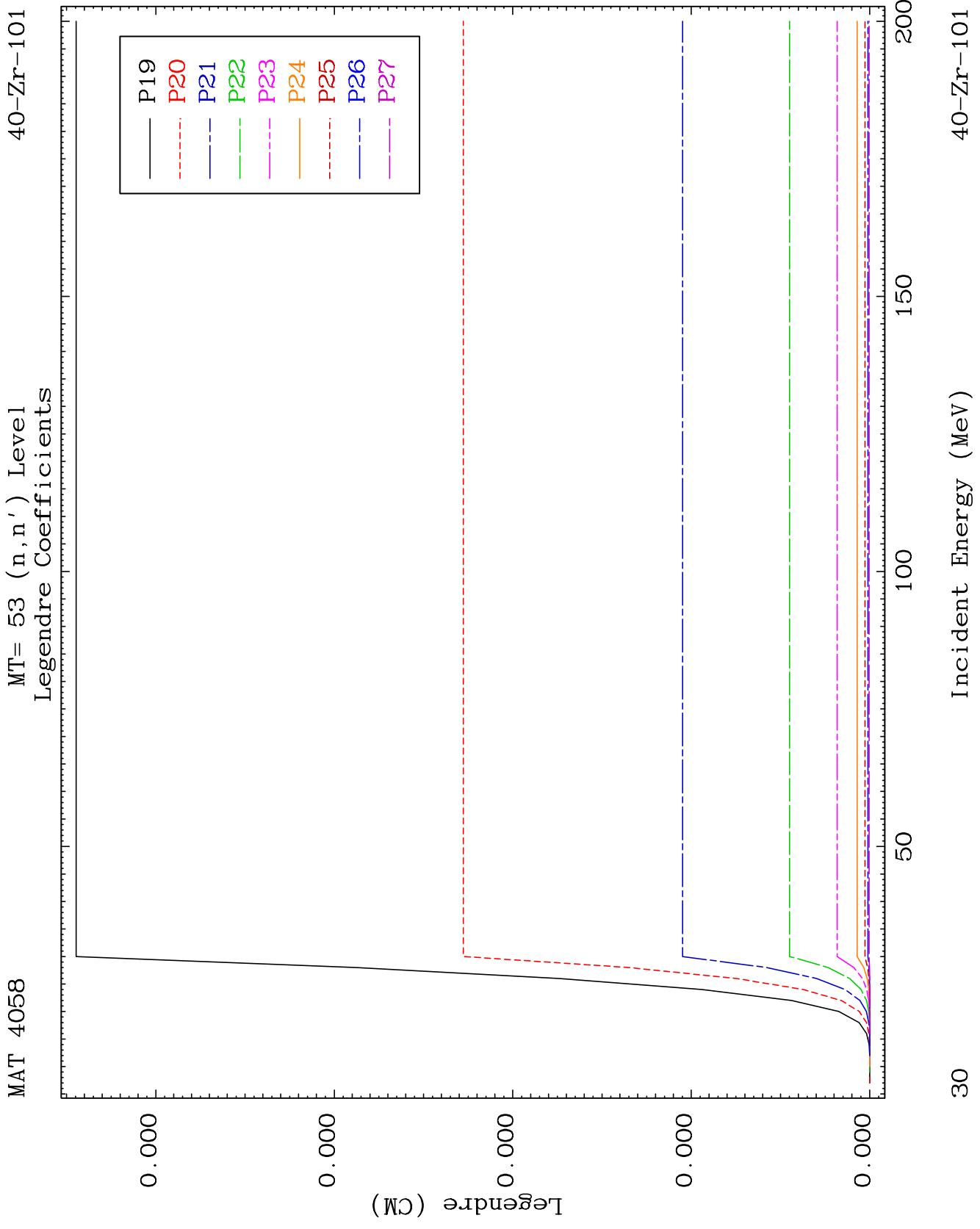
40-Zr-101



29

Incident Energy (MeV)

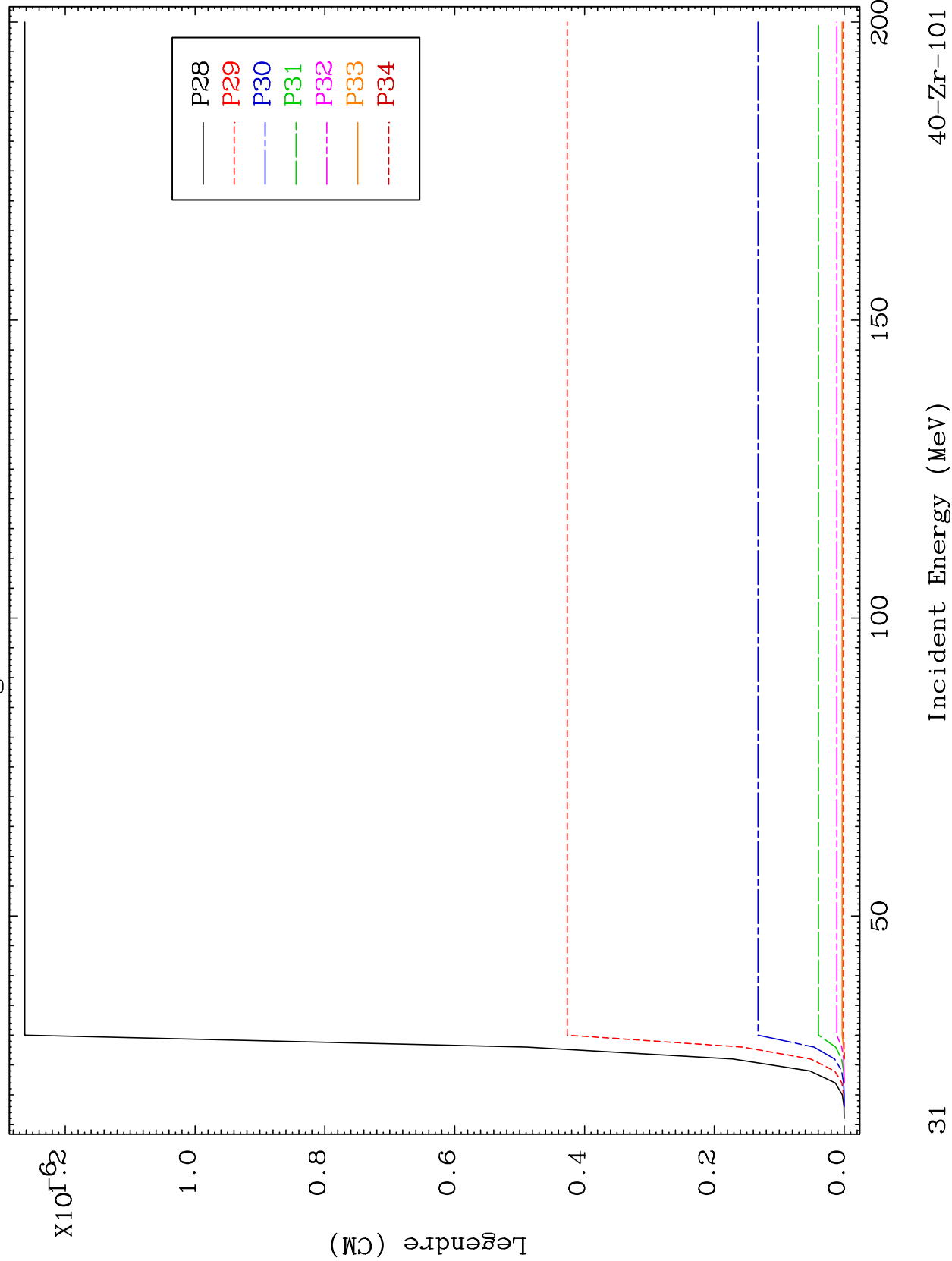
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MAT 4058

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

40-Zr-101



31

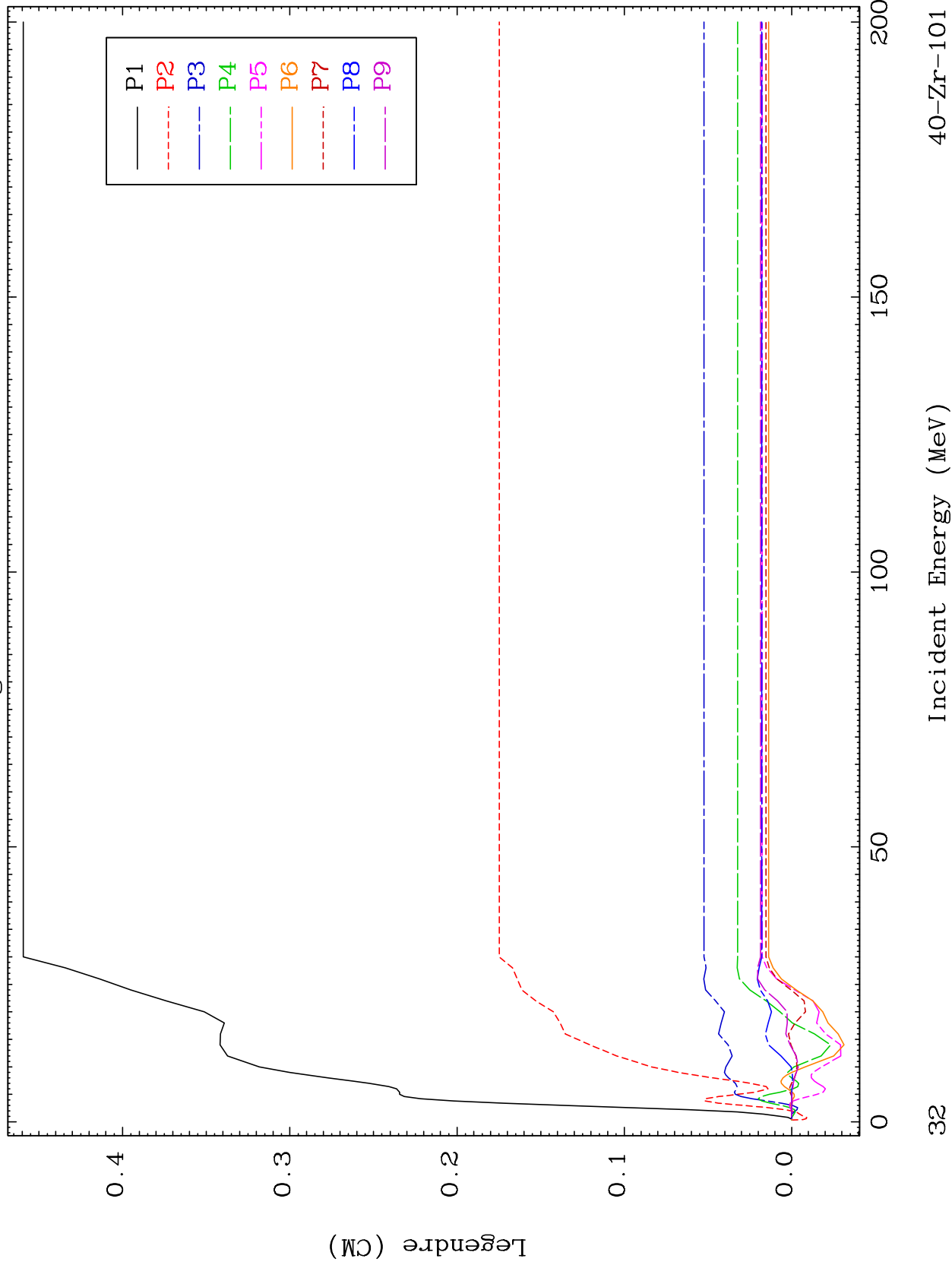
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

40-Zr-101



32

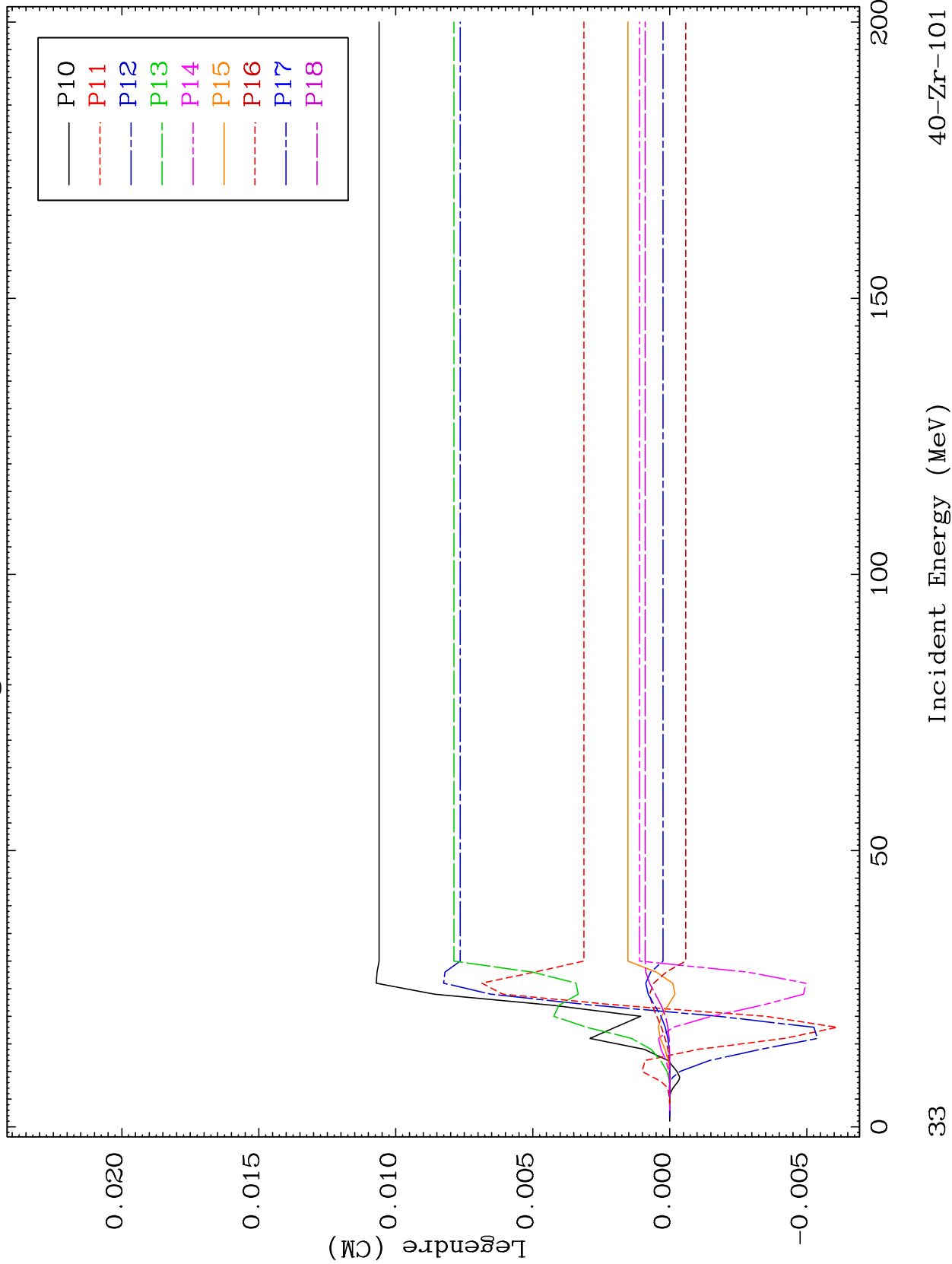
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

40-Zr-101



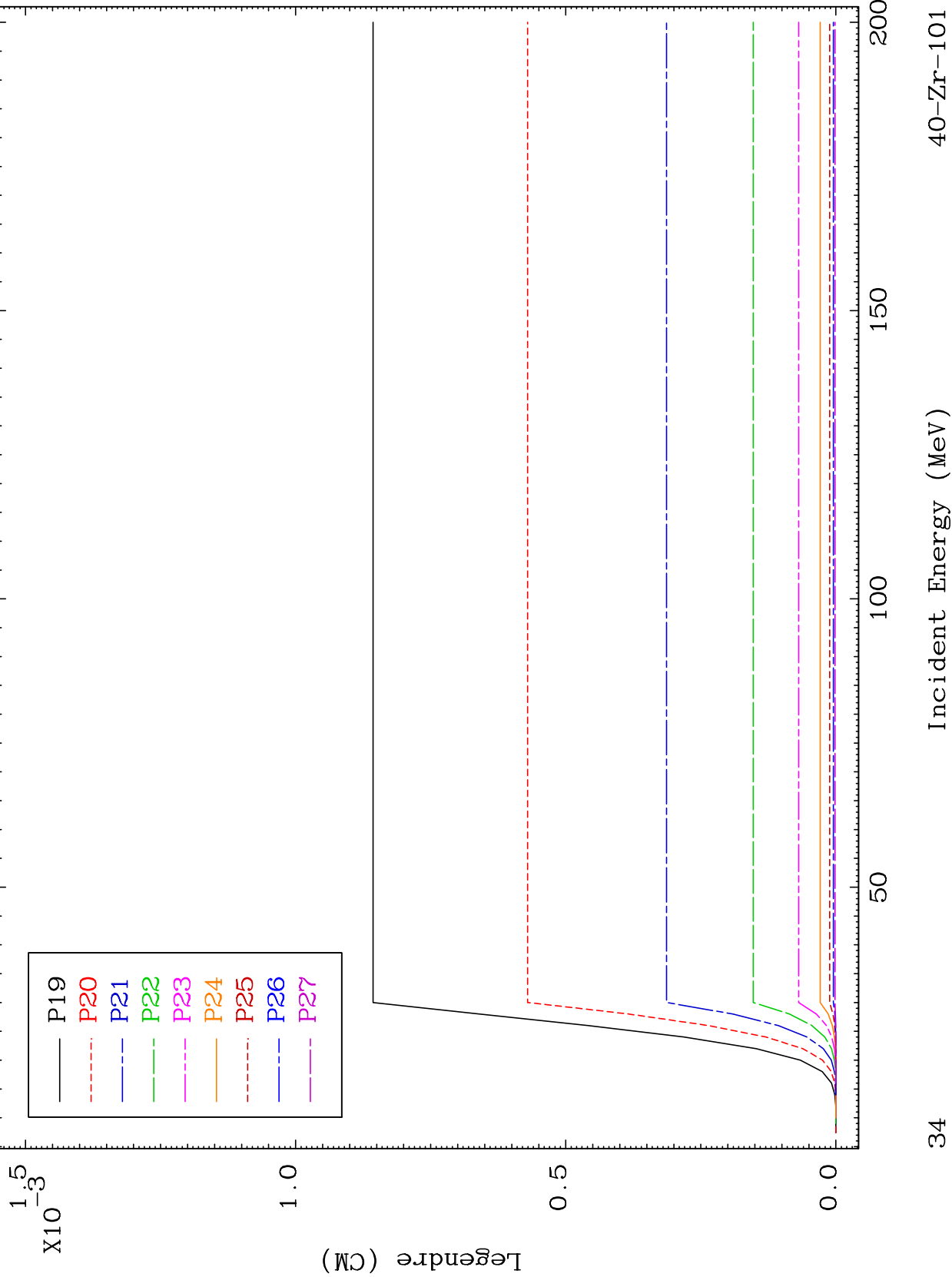
33

40-Zr-101

MAT 4058

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

40-Zr-101



34

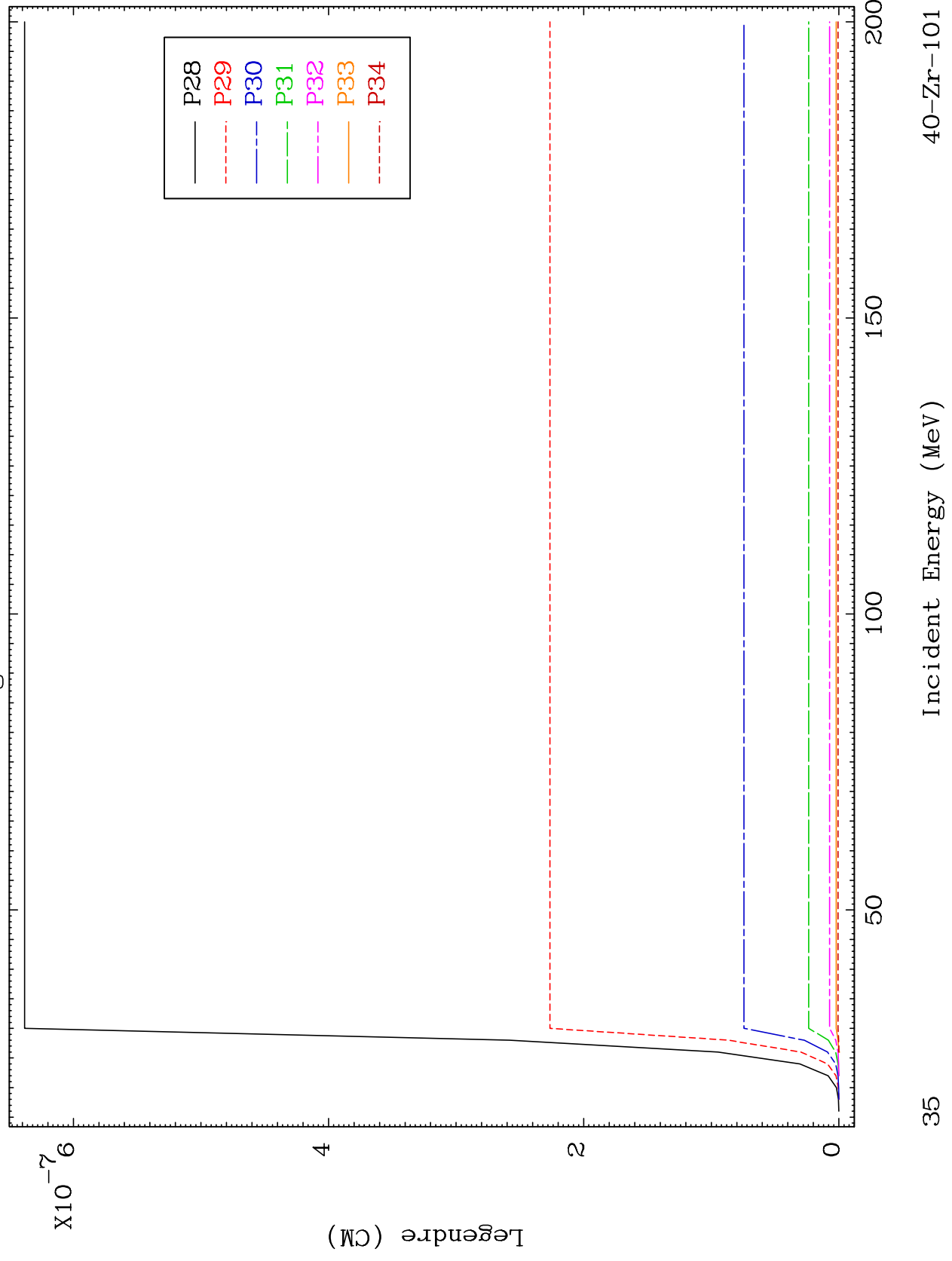
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

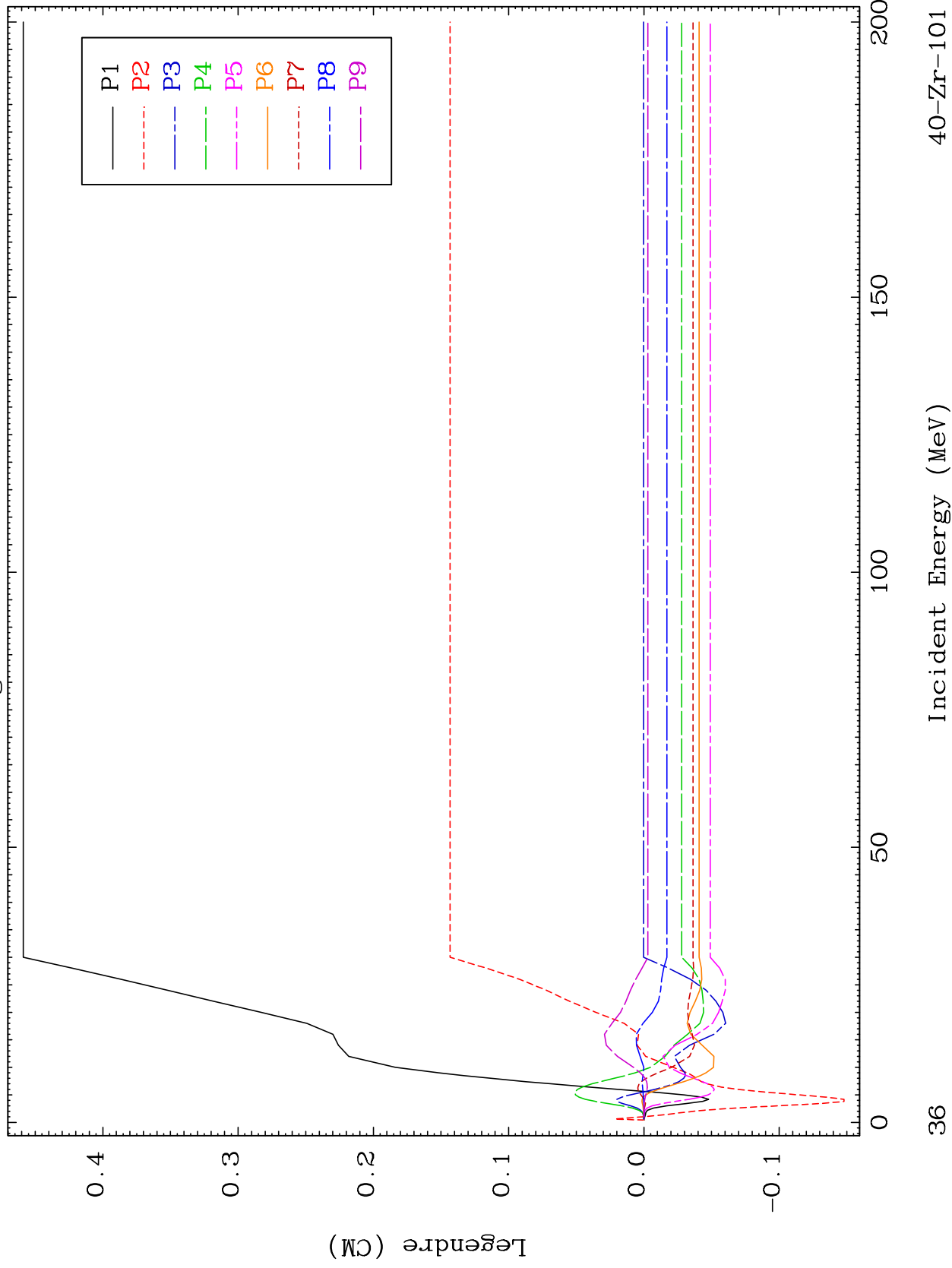
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MAT 4058

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

40-Zr-101



36

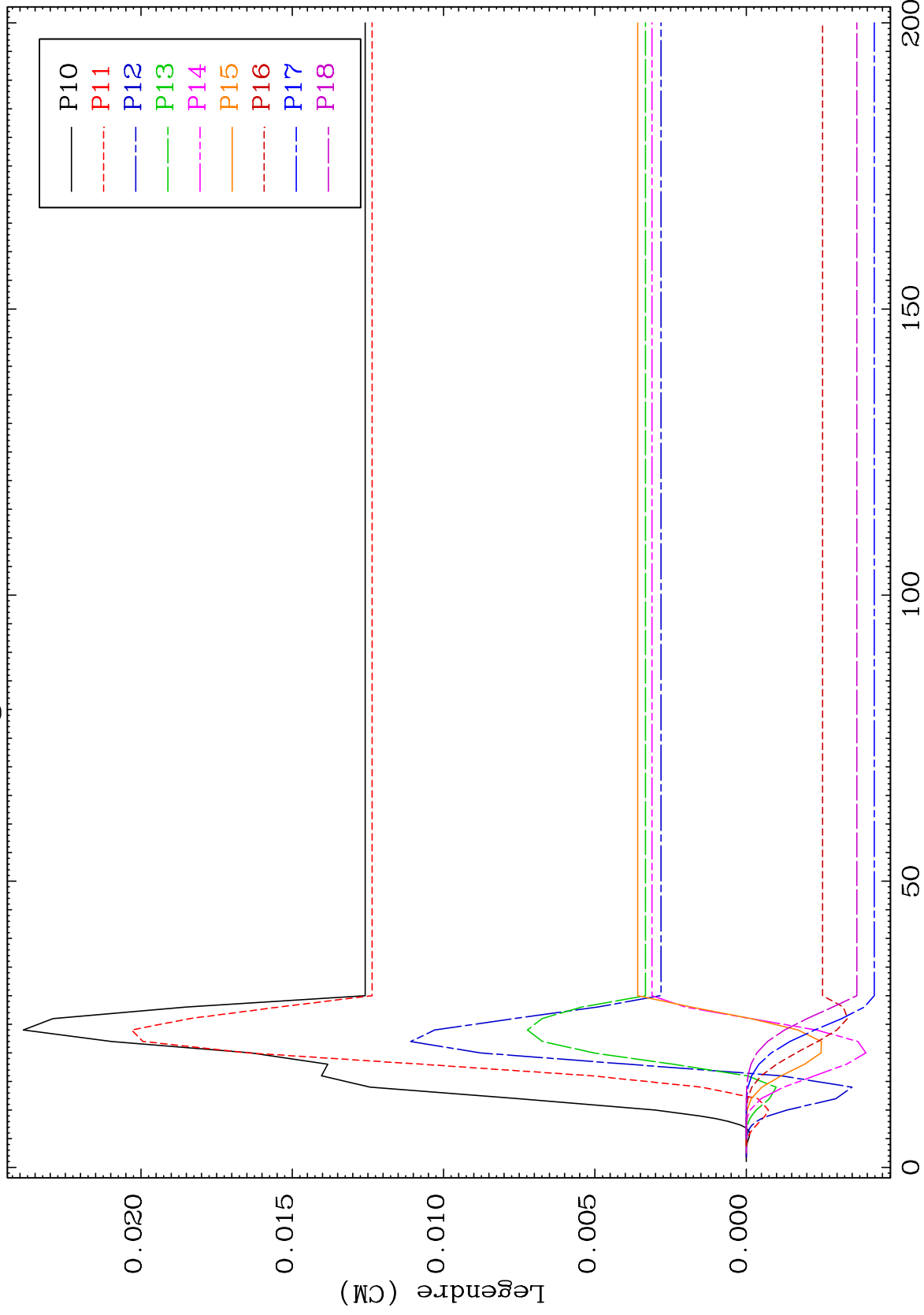
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

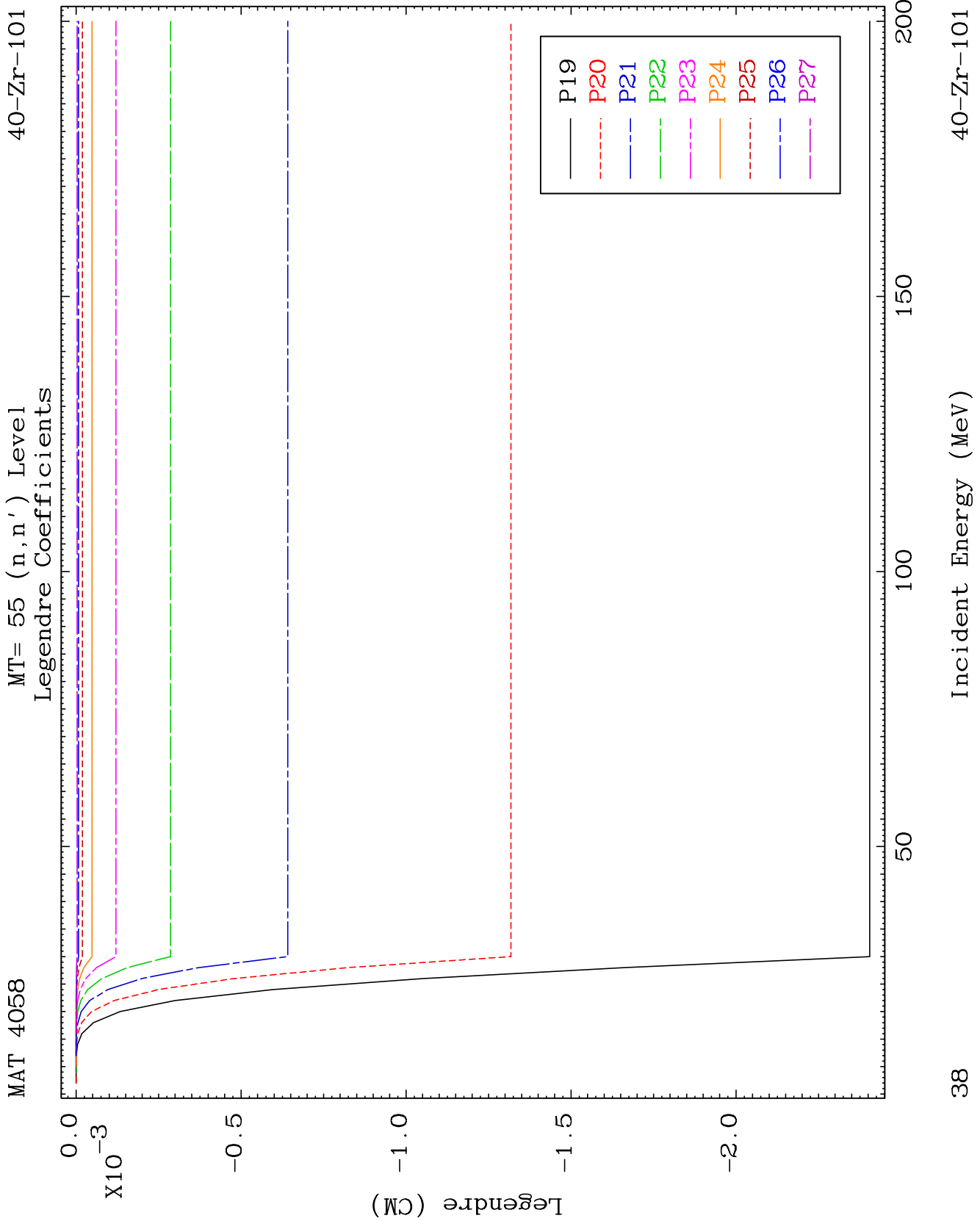
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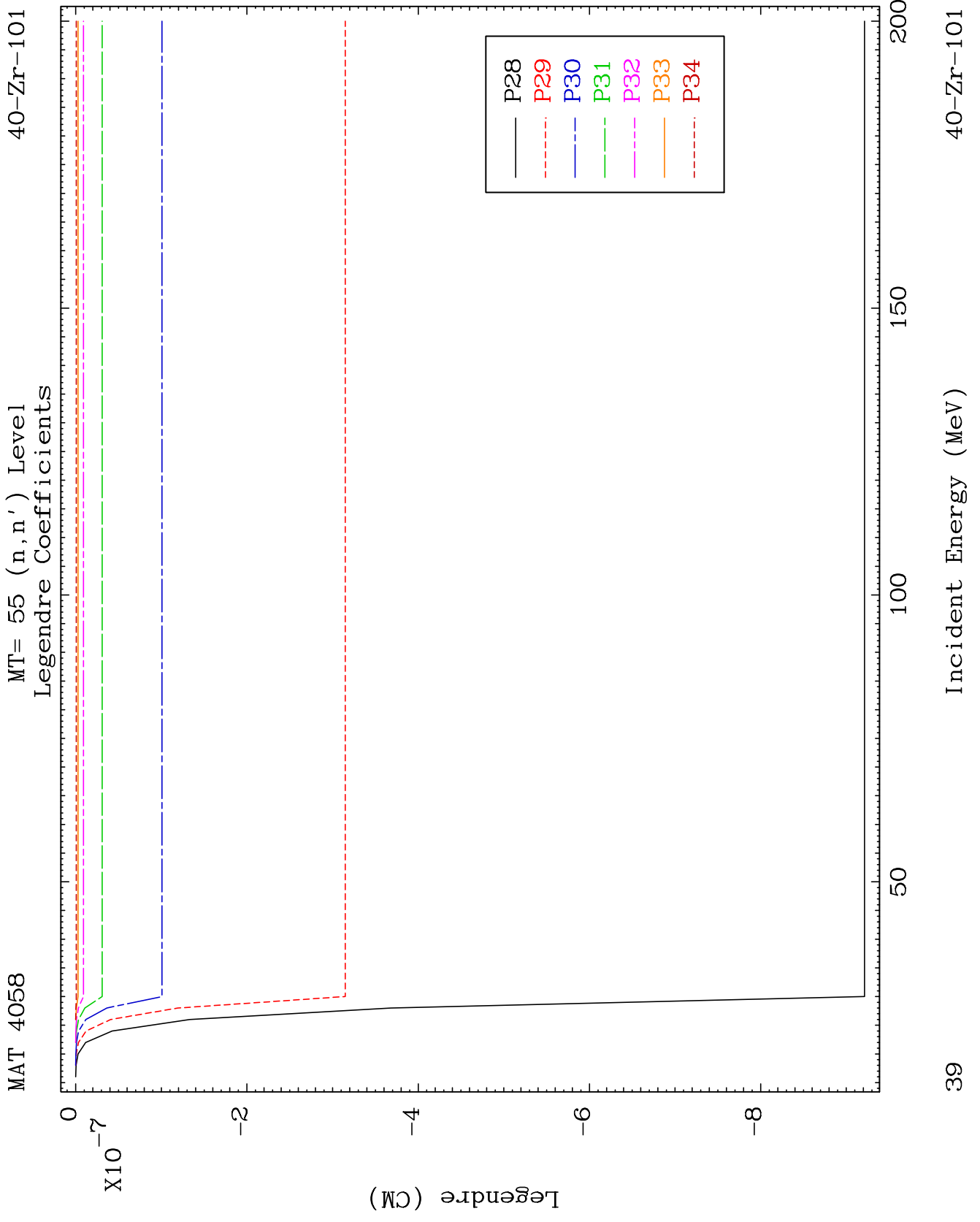


37

Incident Energy (MeV)

40-Zr-101

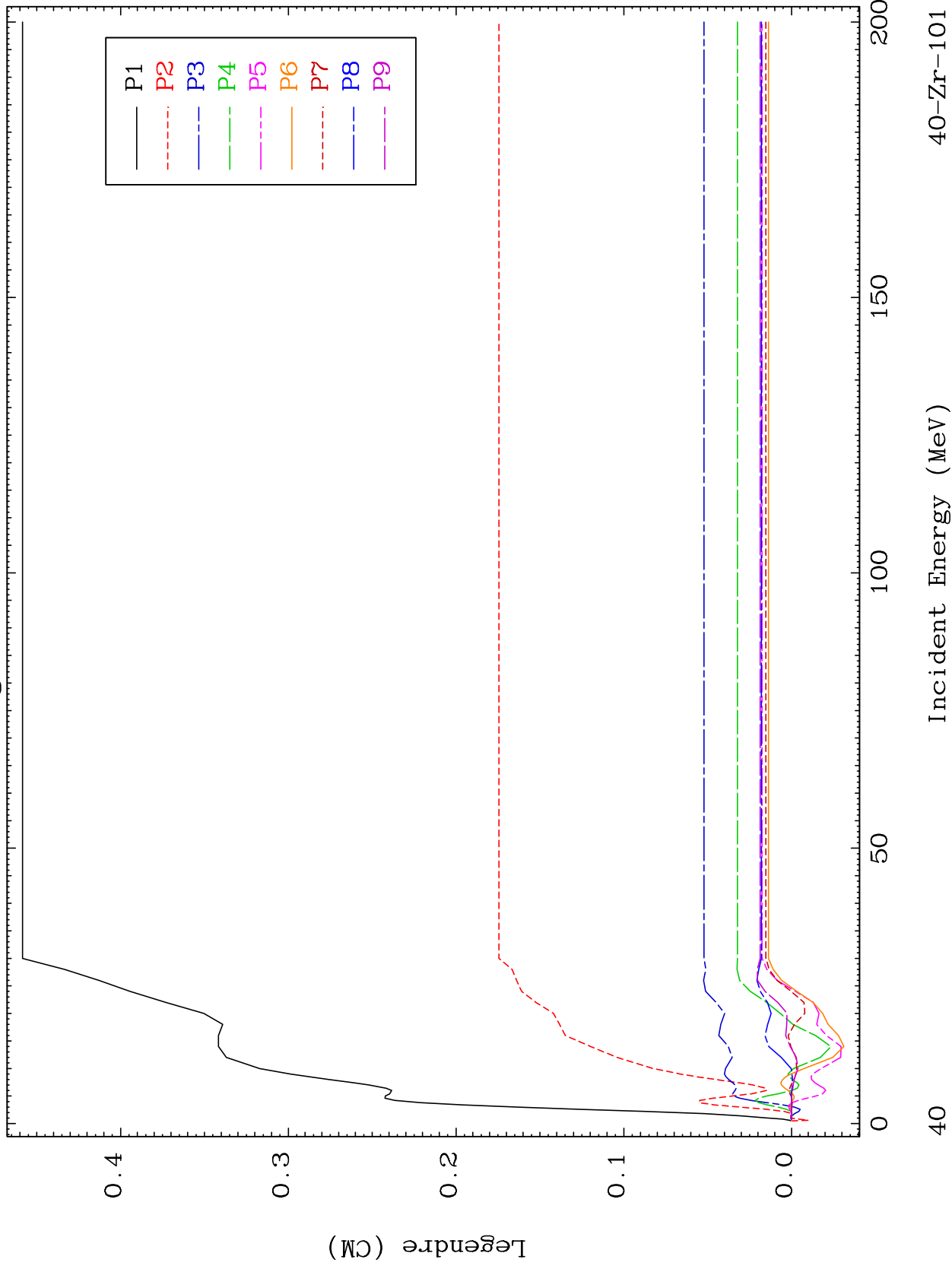




MAT 4058

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

40-Zr-101

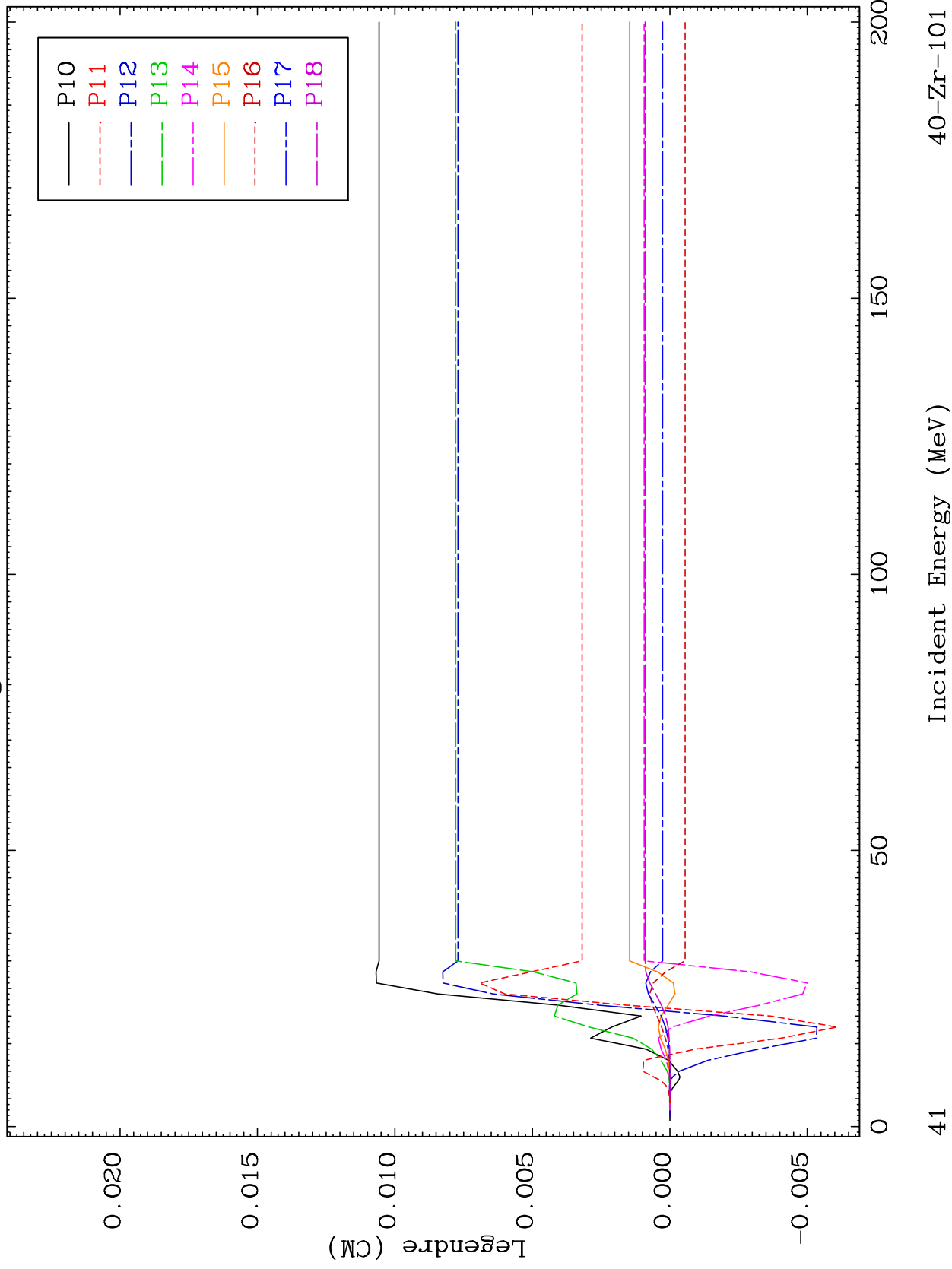


40-Zr-101

MAT 4058

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

40-Zr-101



41

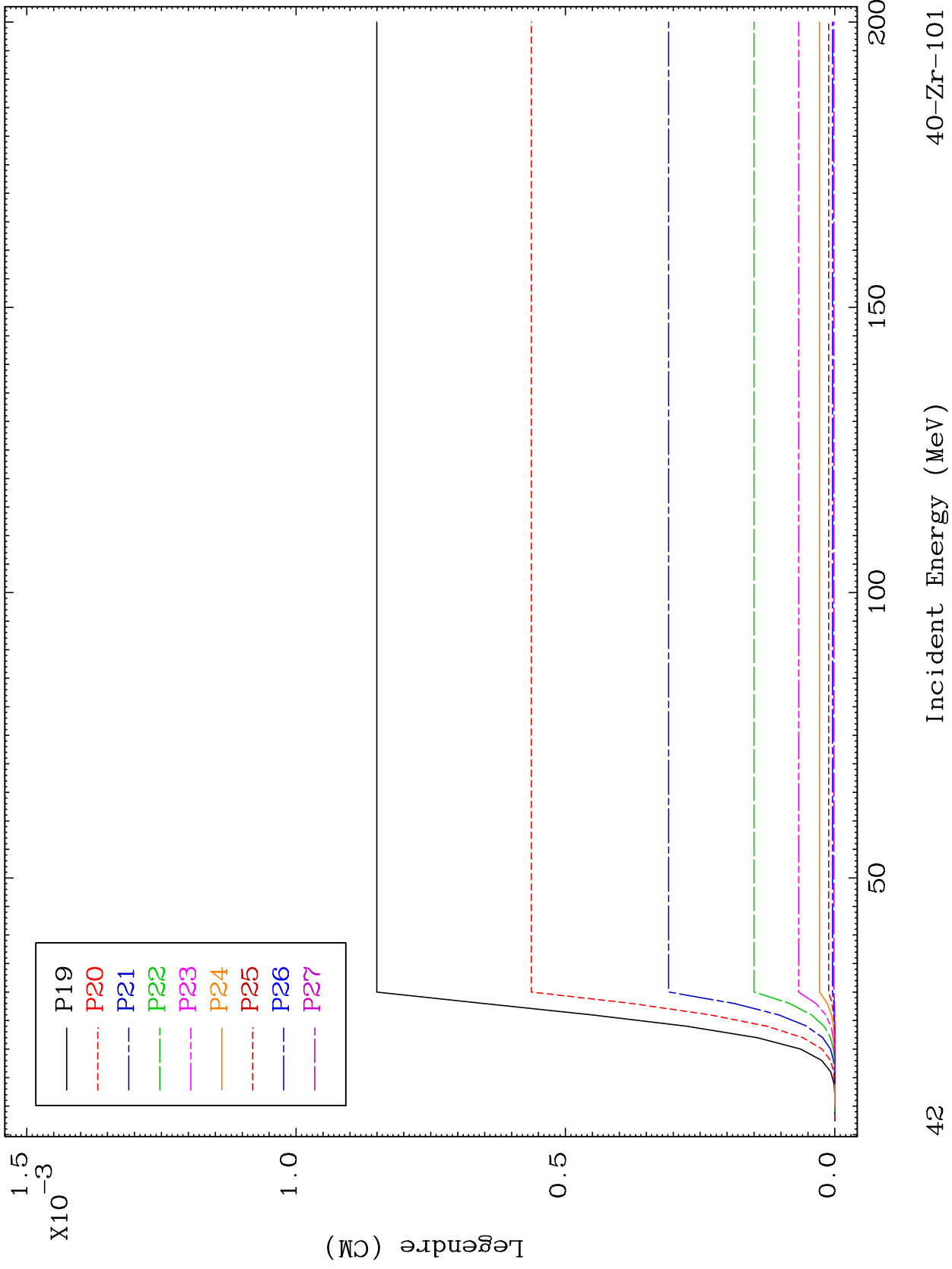
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

40-Zr-101

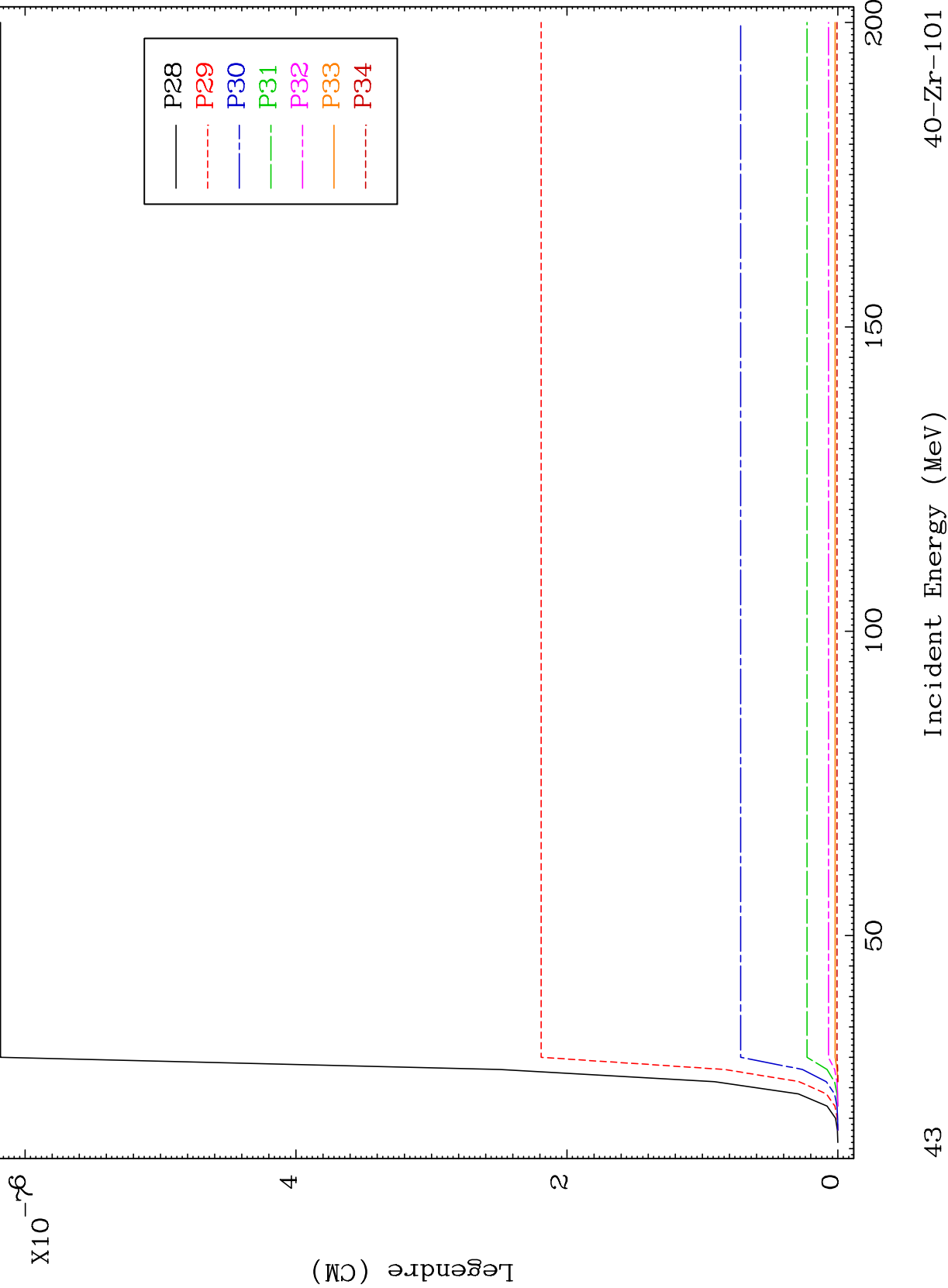


42

MAT 4058

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

40-Zr-101



43

Incident Energy (MeV)

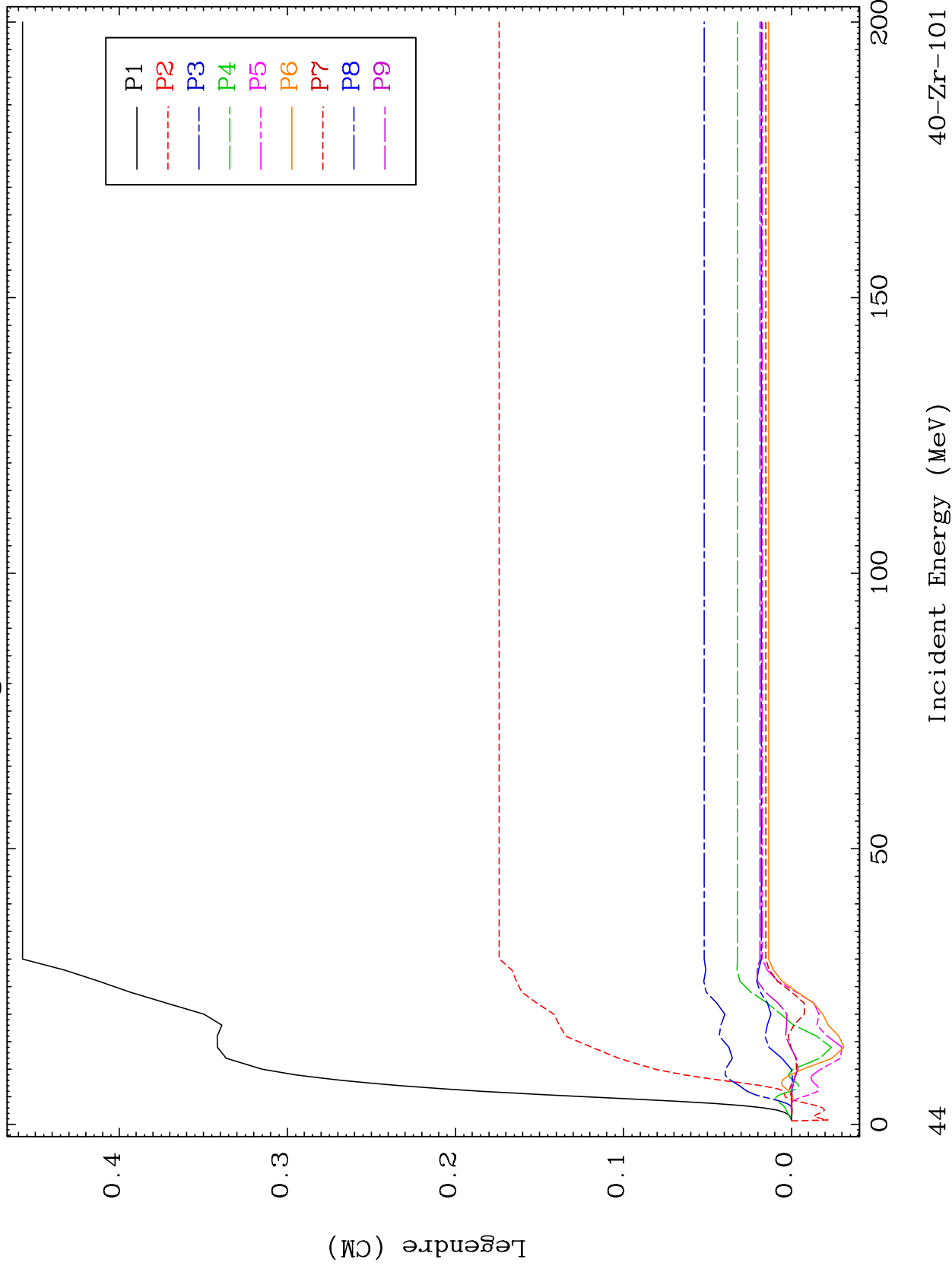
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MAT 4058

MT= 57 (n,n') Level

40-Zr-101

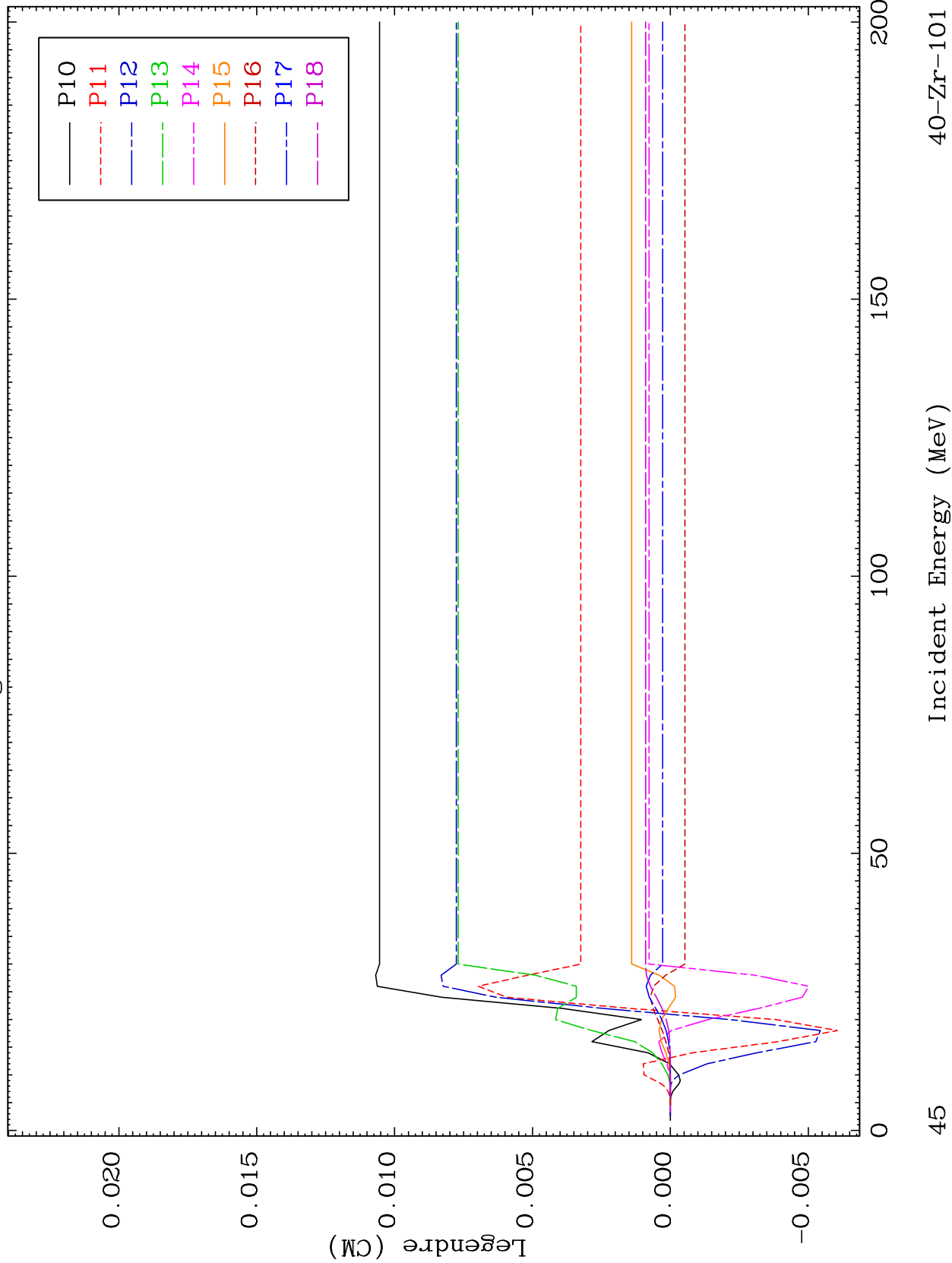
Legendre Coefficients



MAT 4058

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

40-Zr-101



40-Zr-101

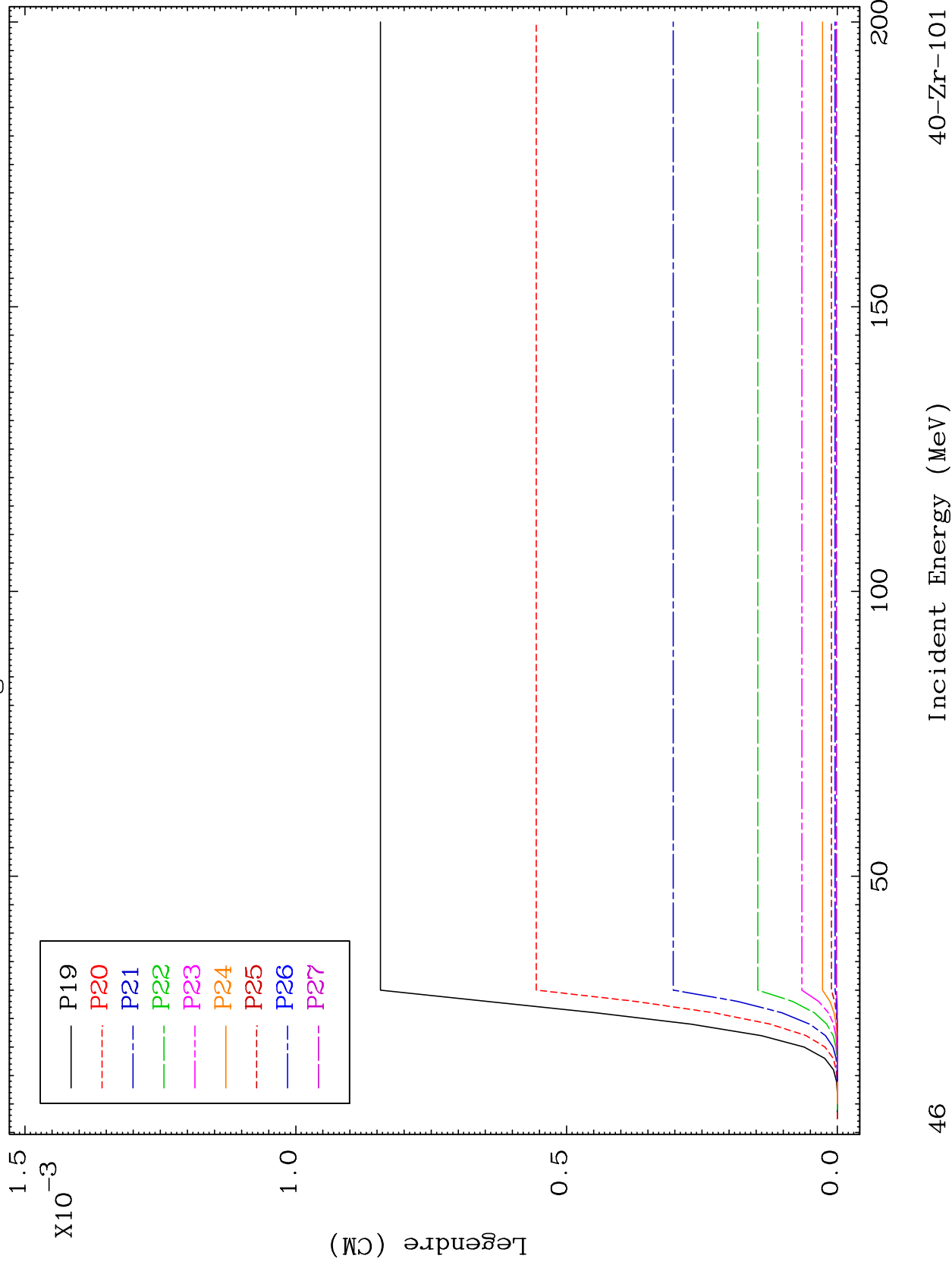
Incident Energy (MeV)

45

MAT 4058

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

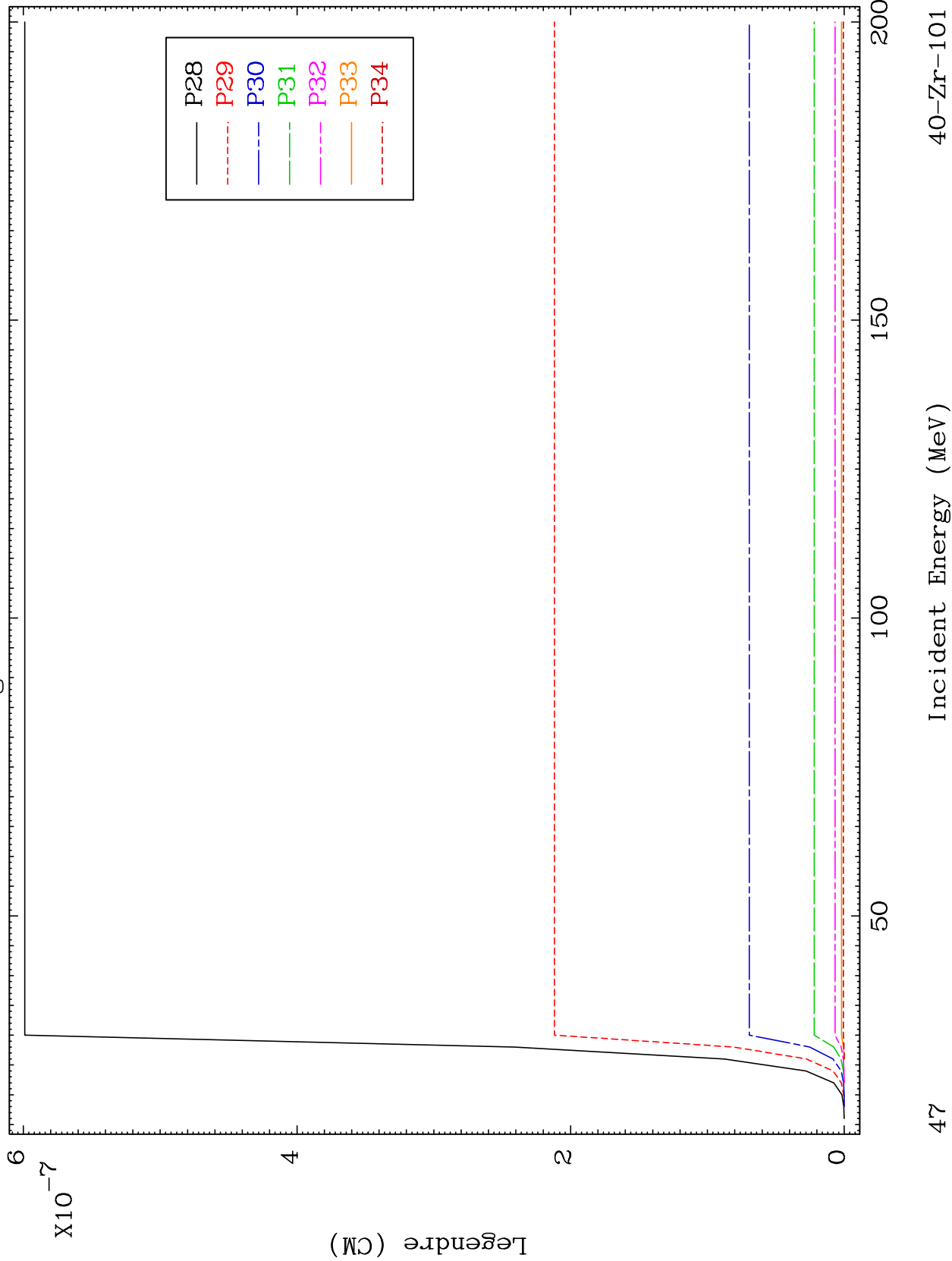
40-Zr-101



MAT 4058

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

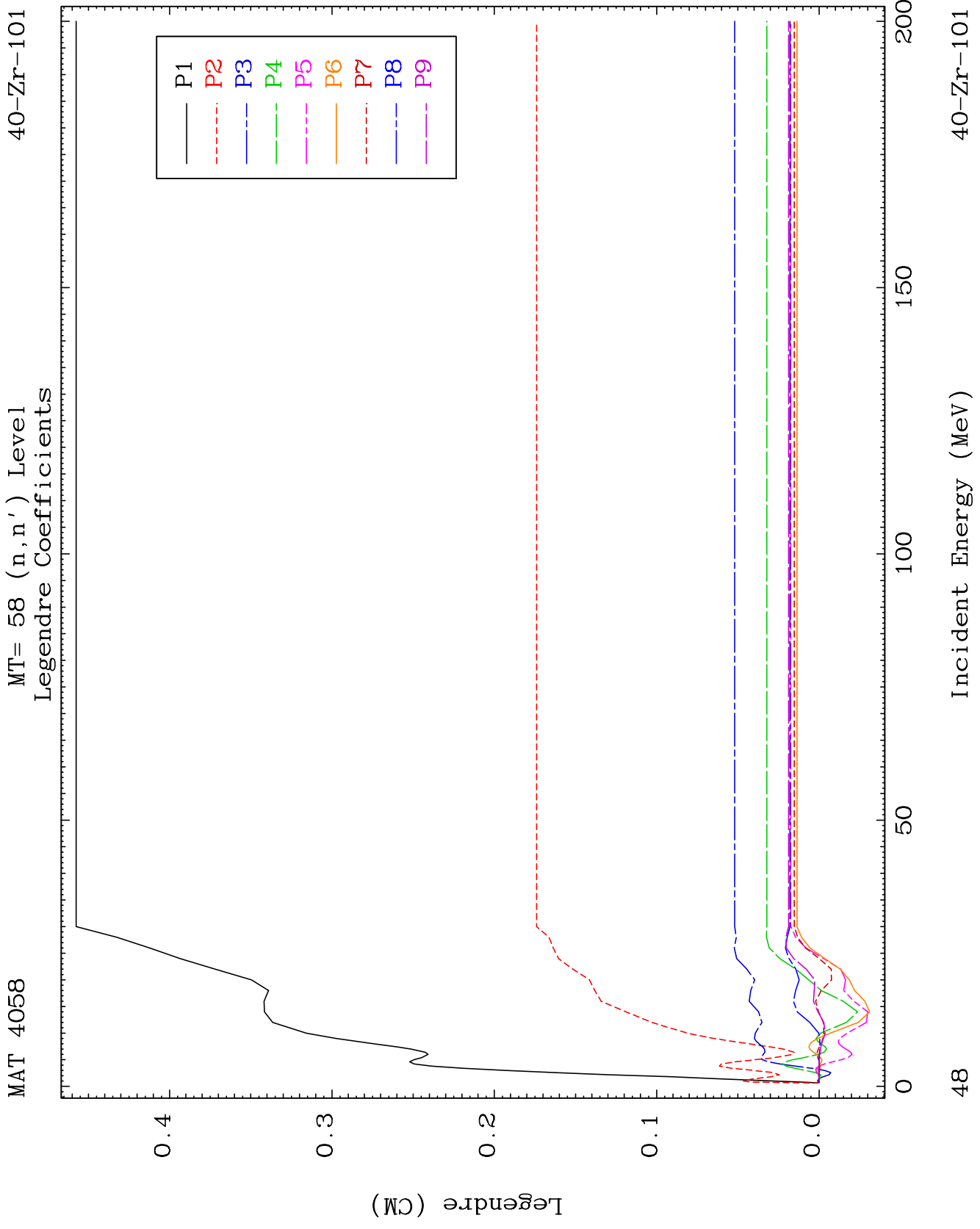
40-Zr-101



47

Incident Energy (MeV)

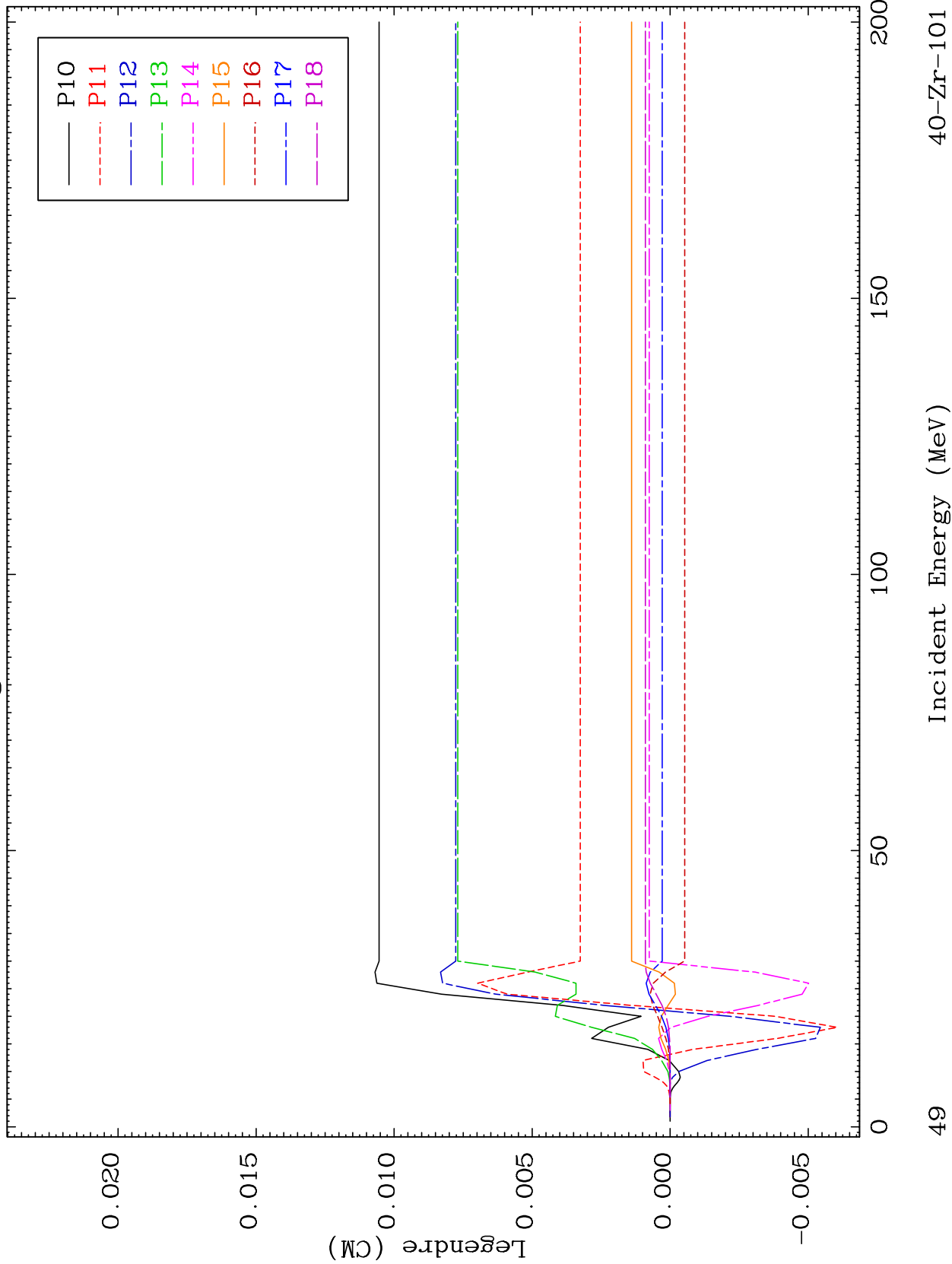
40-Zr-101



MAT 4058

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

40-Zr-101



49

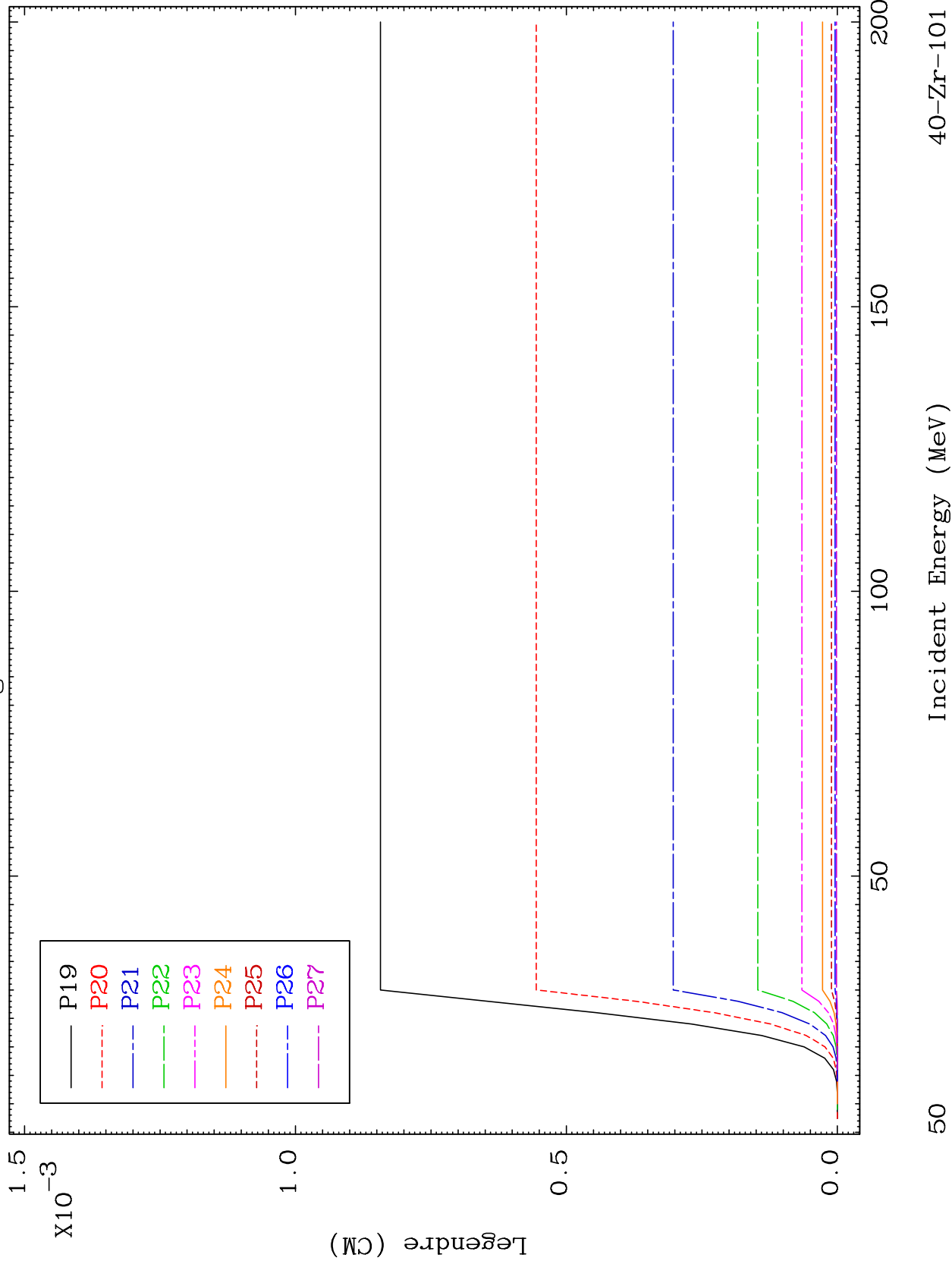
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

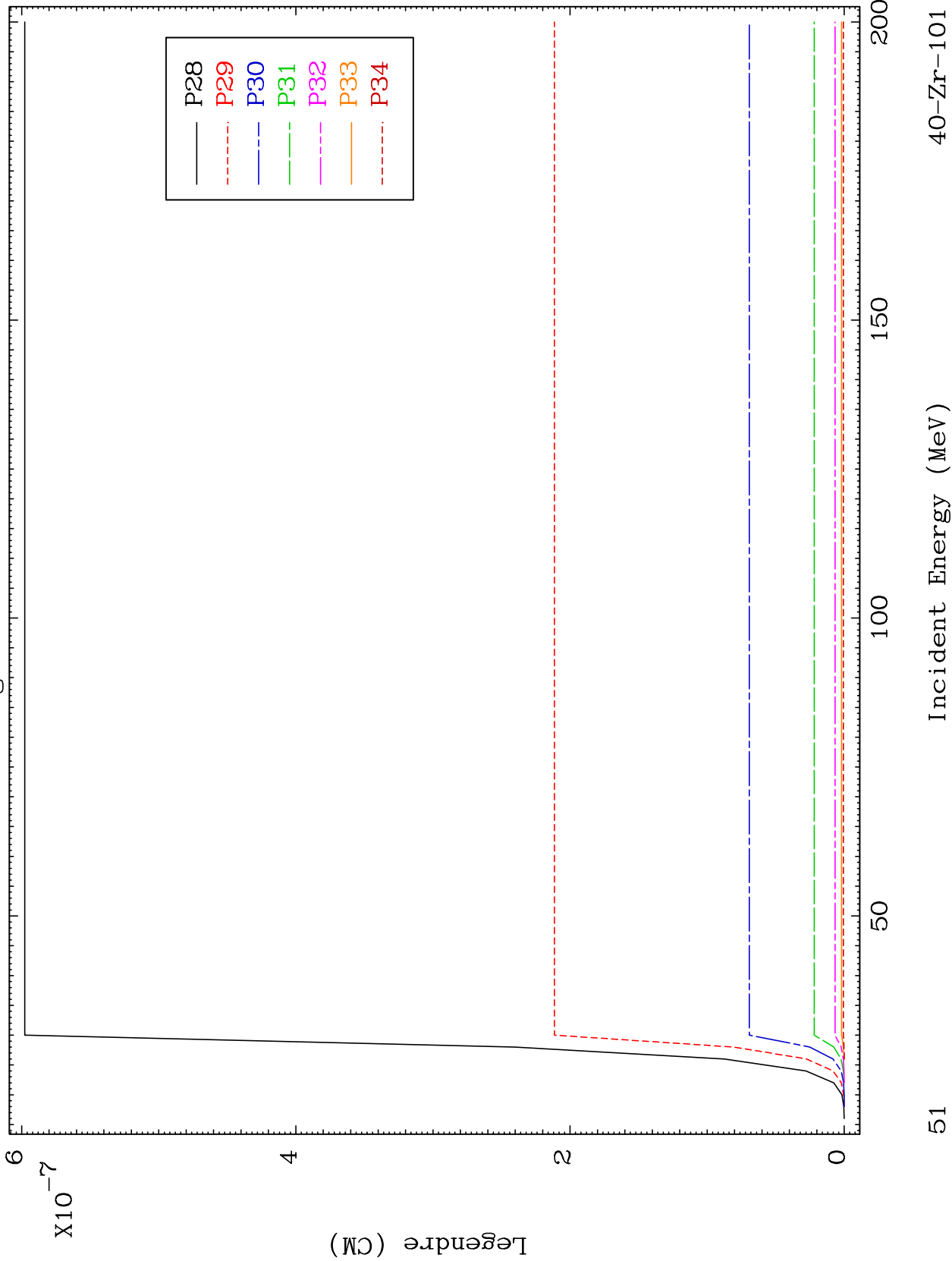
40-Zr-101



MAT 4058

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

40-Zr-101



51

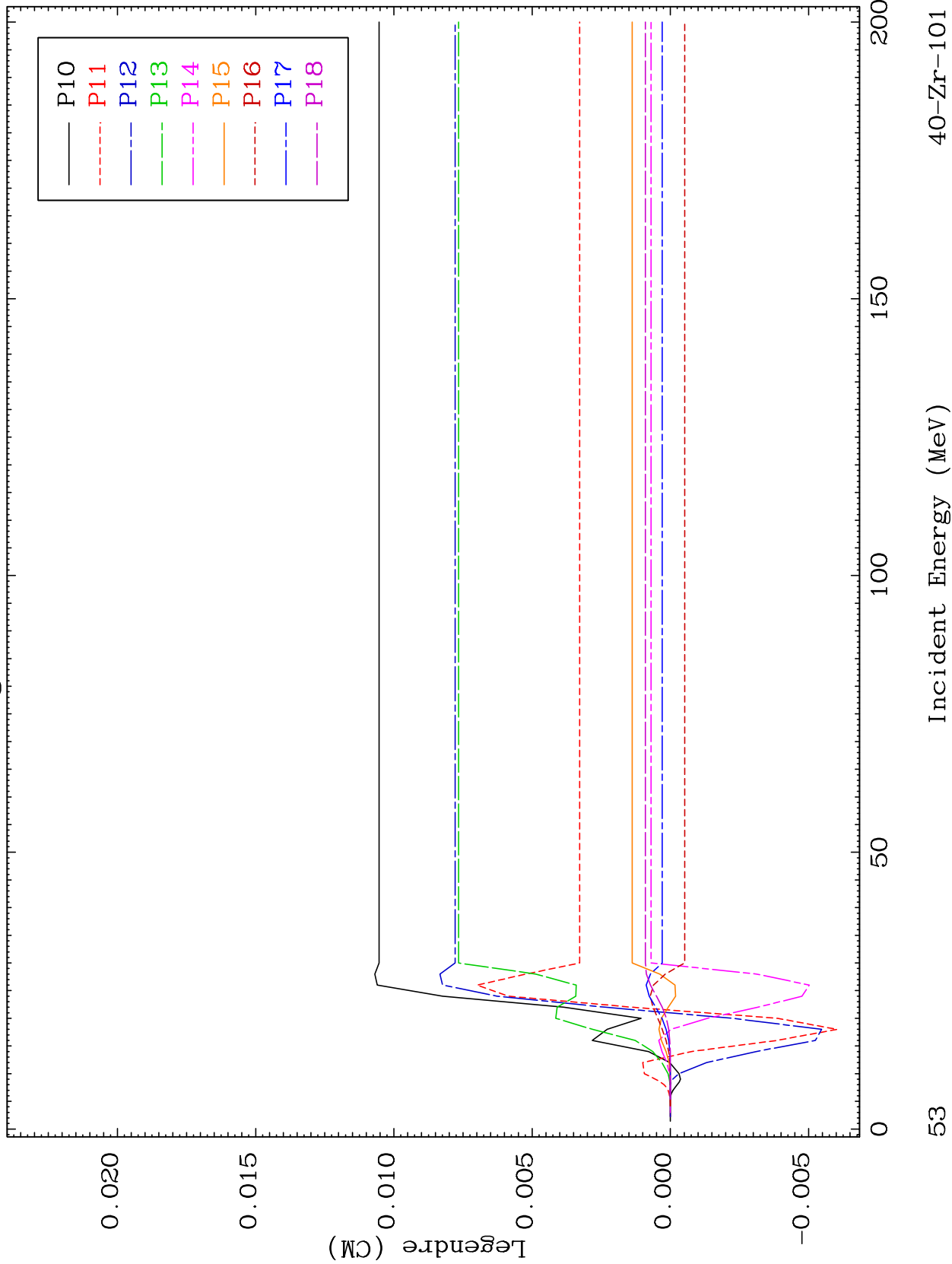
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

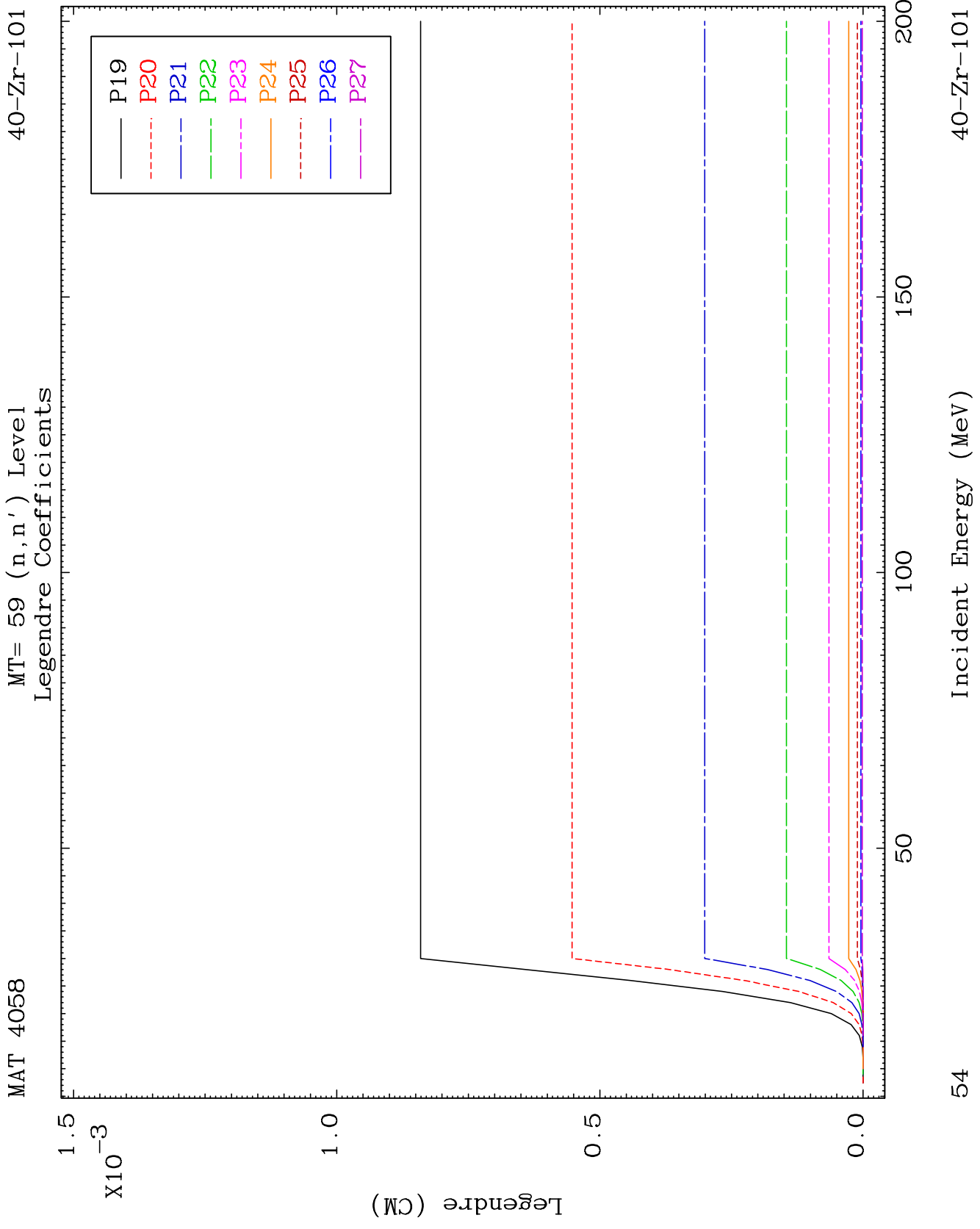
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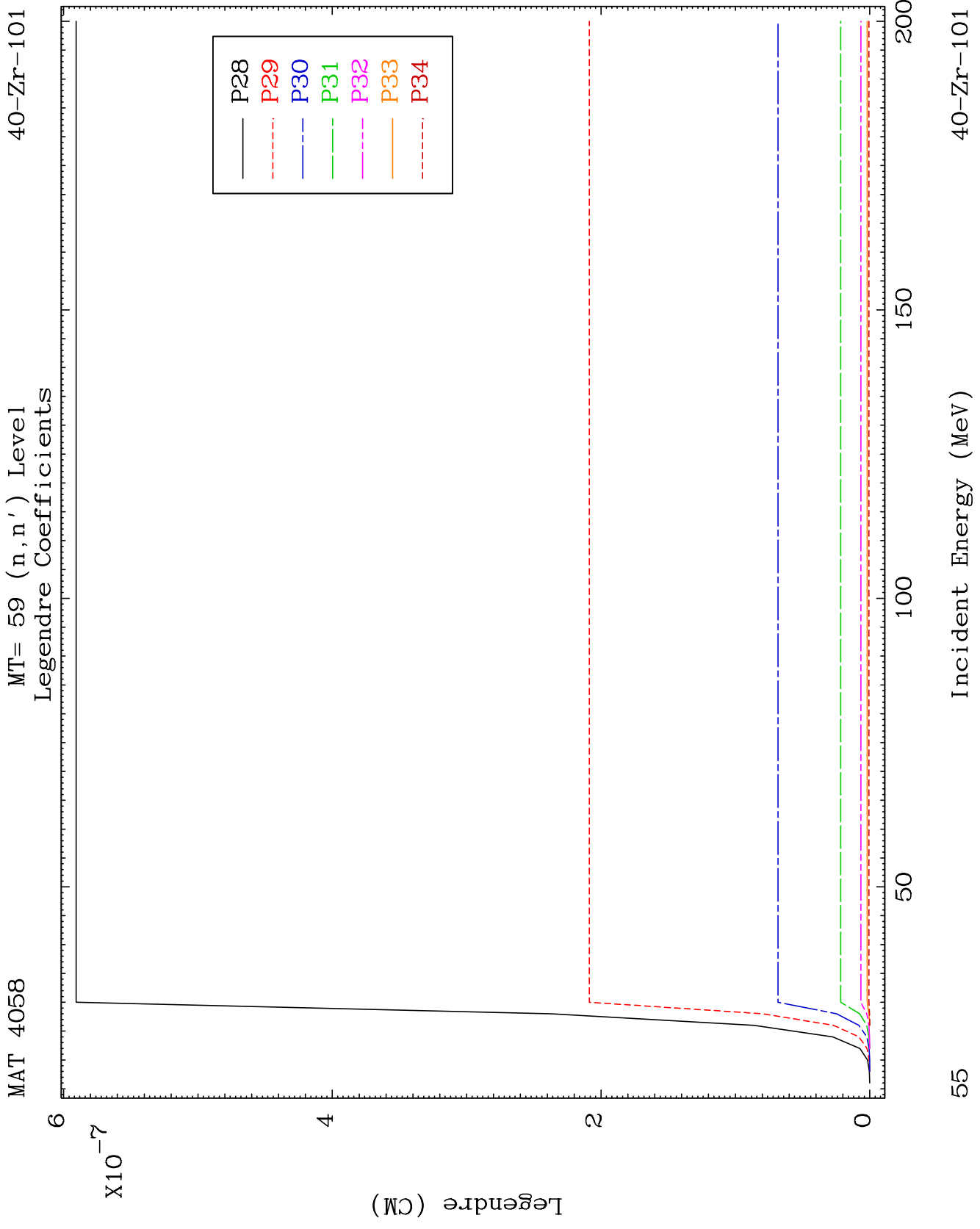


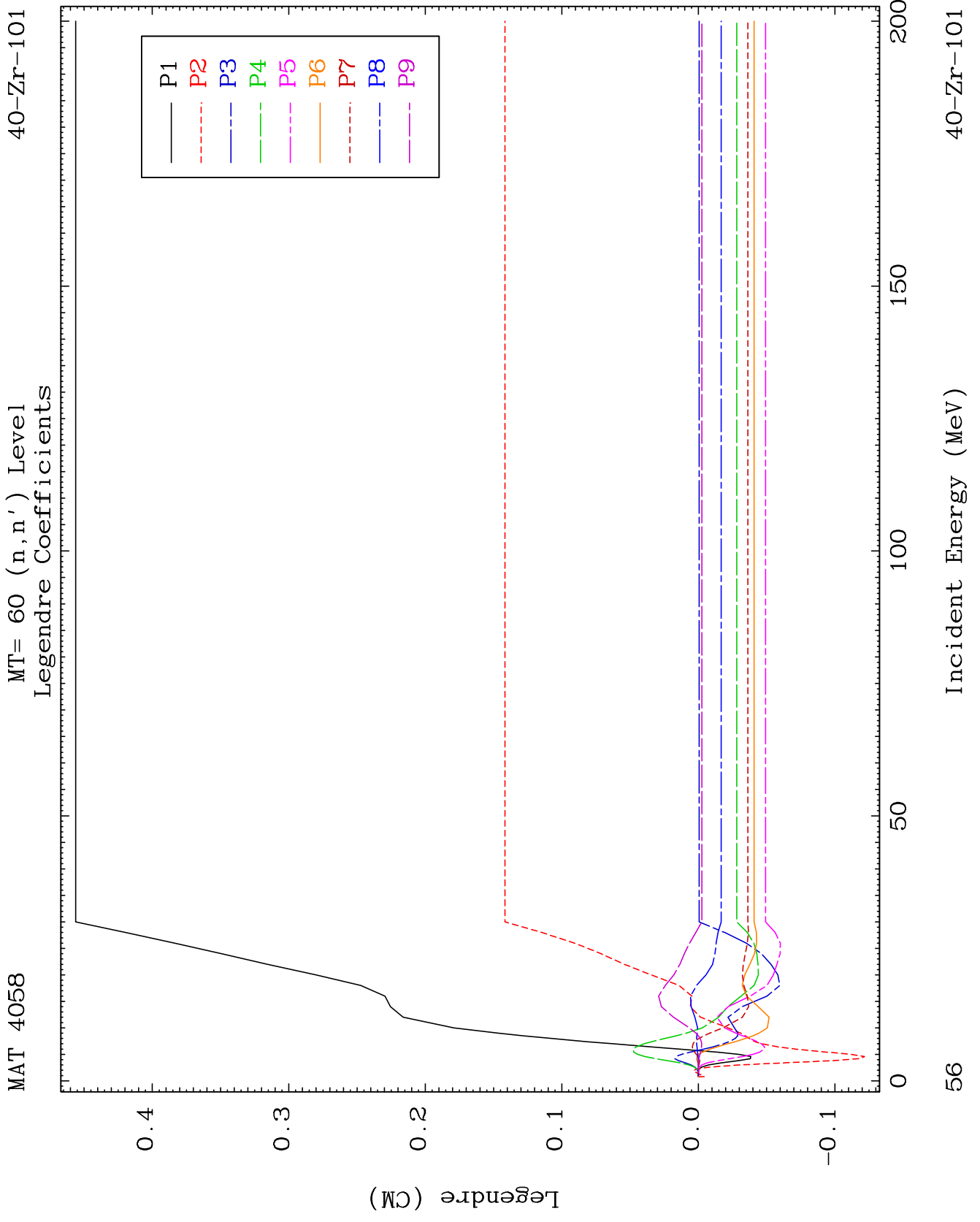
53

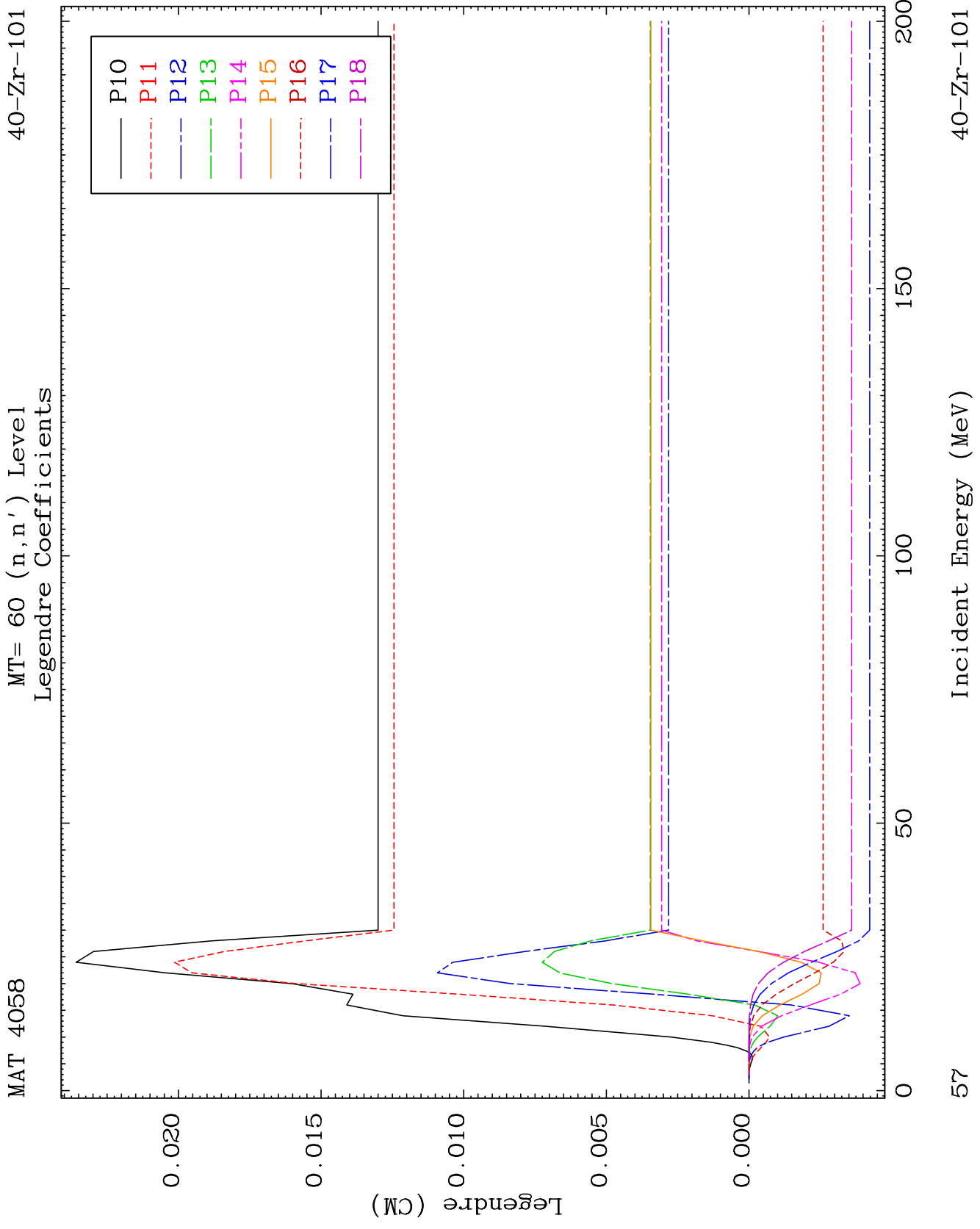
Incident Energy (MeV)

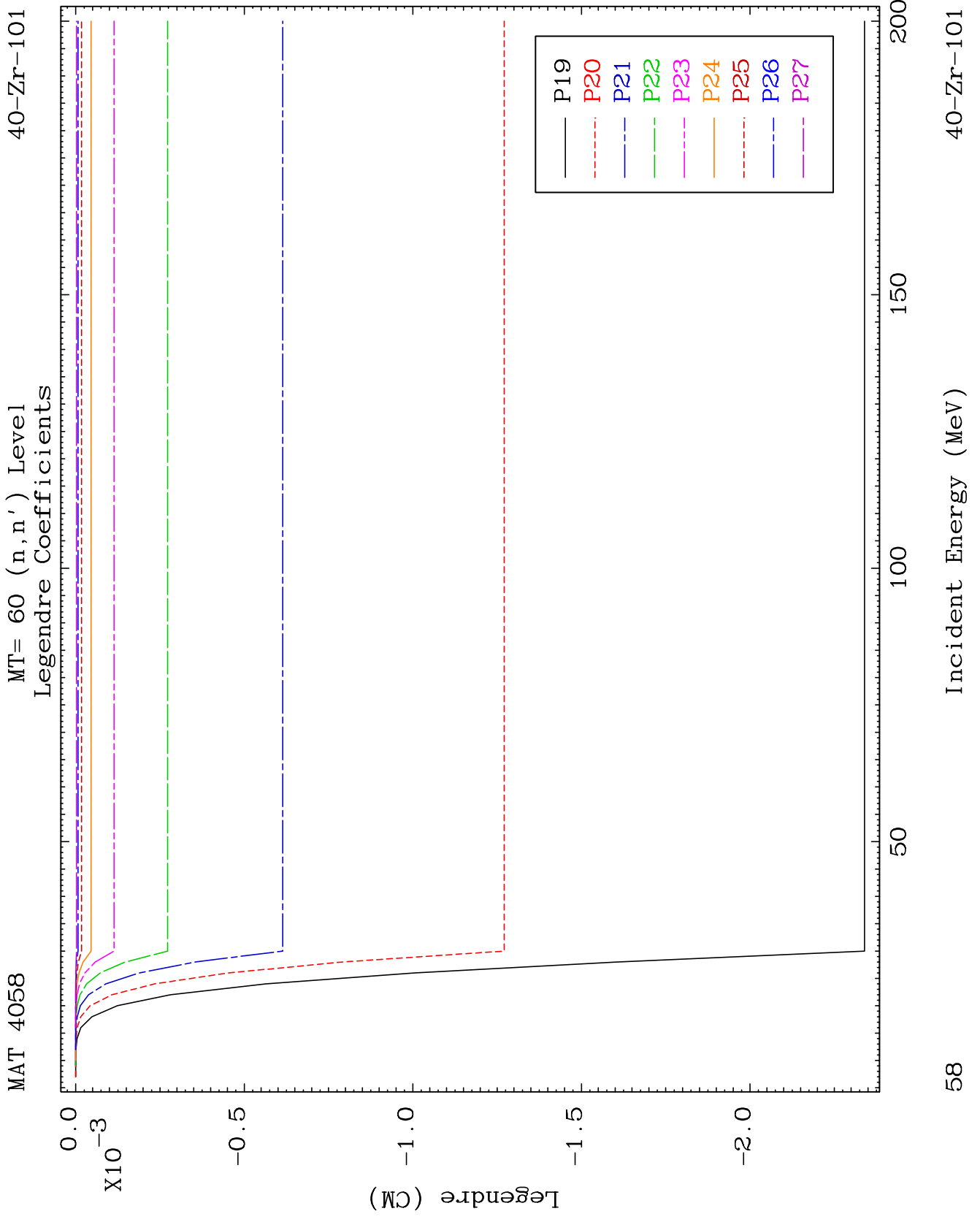
40-Zr-101

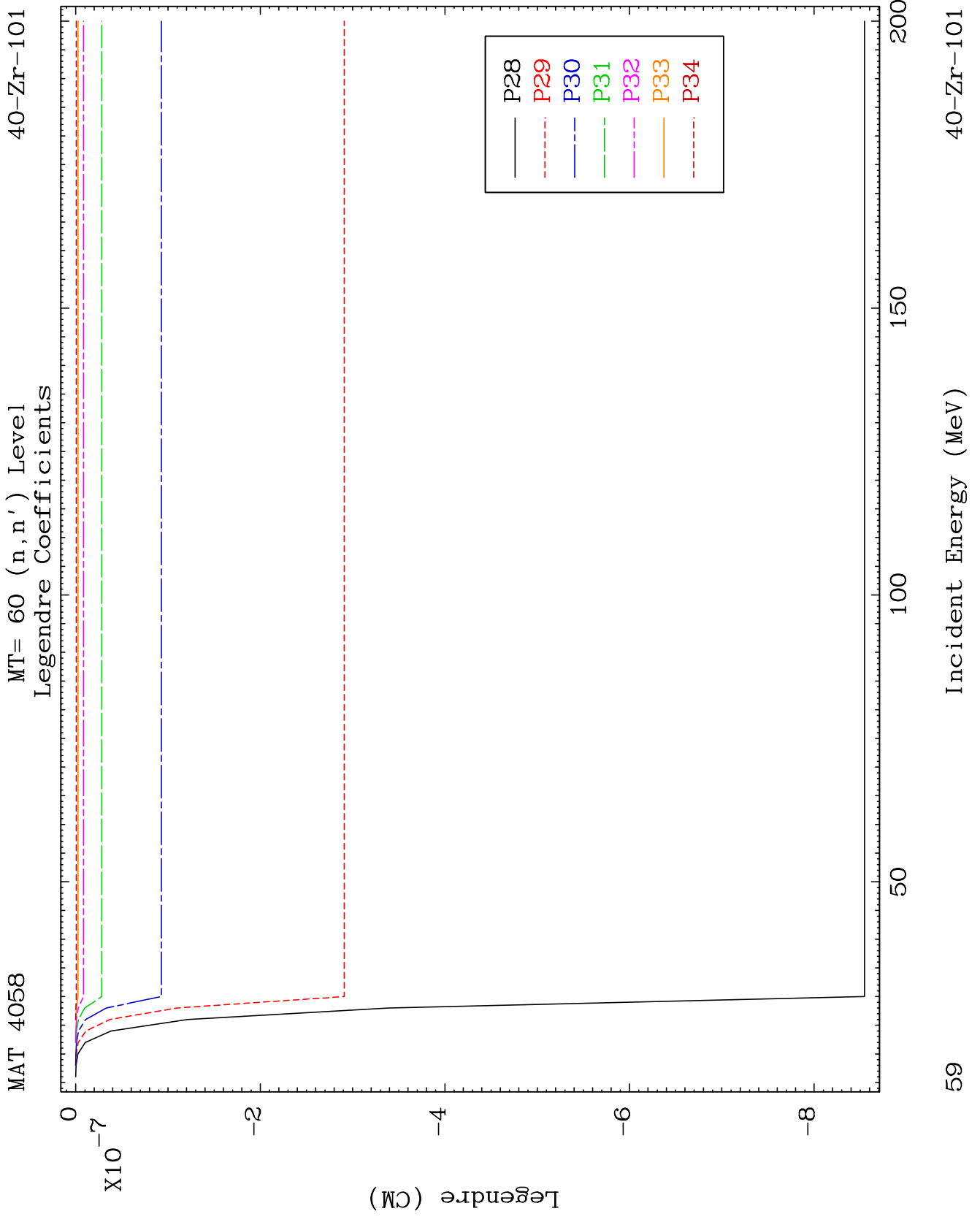


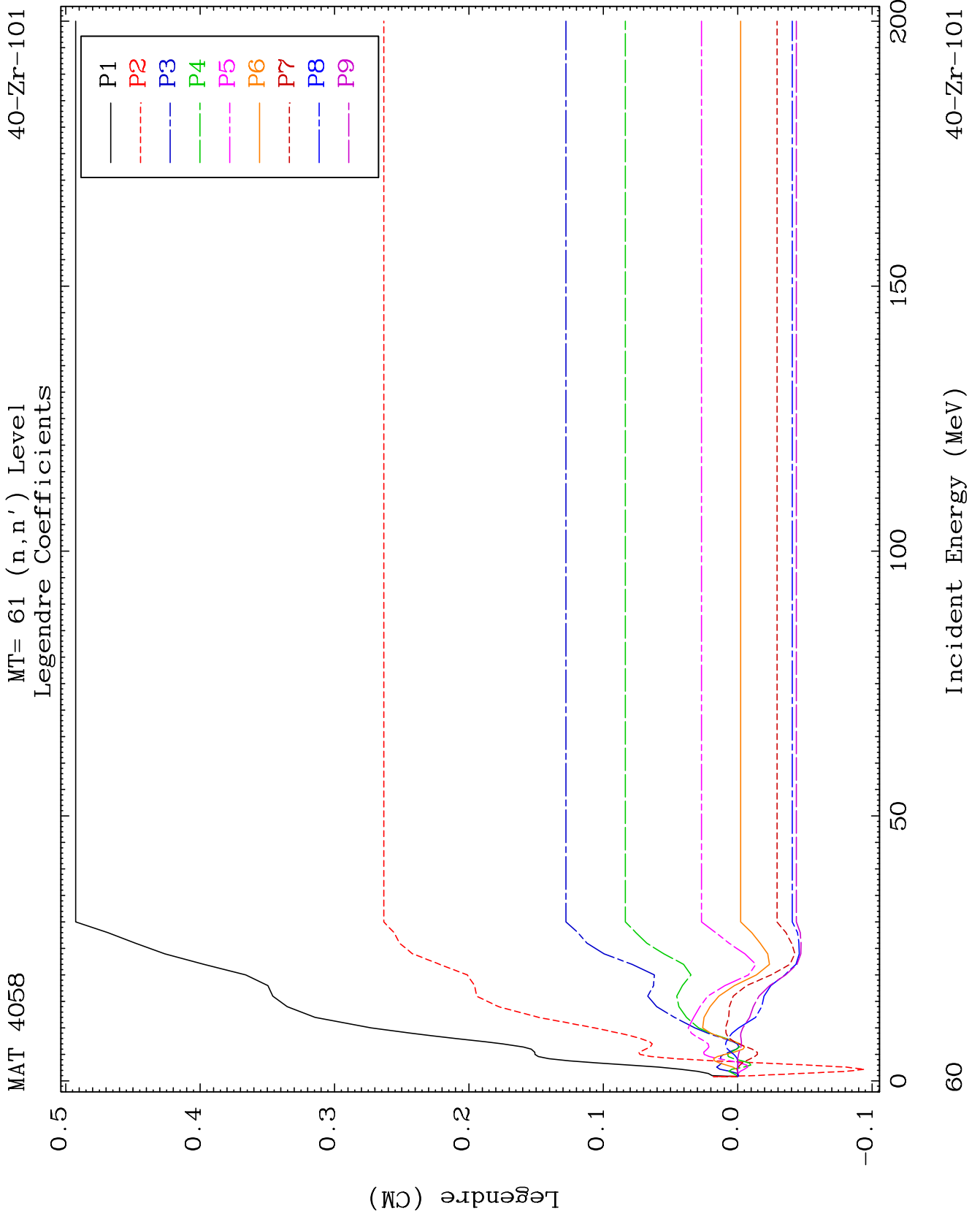








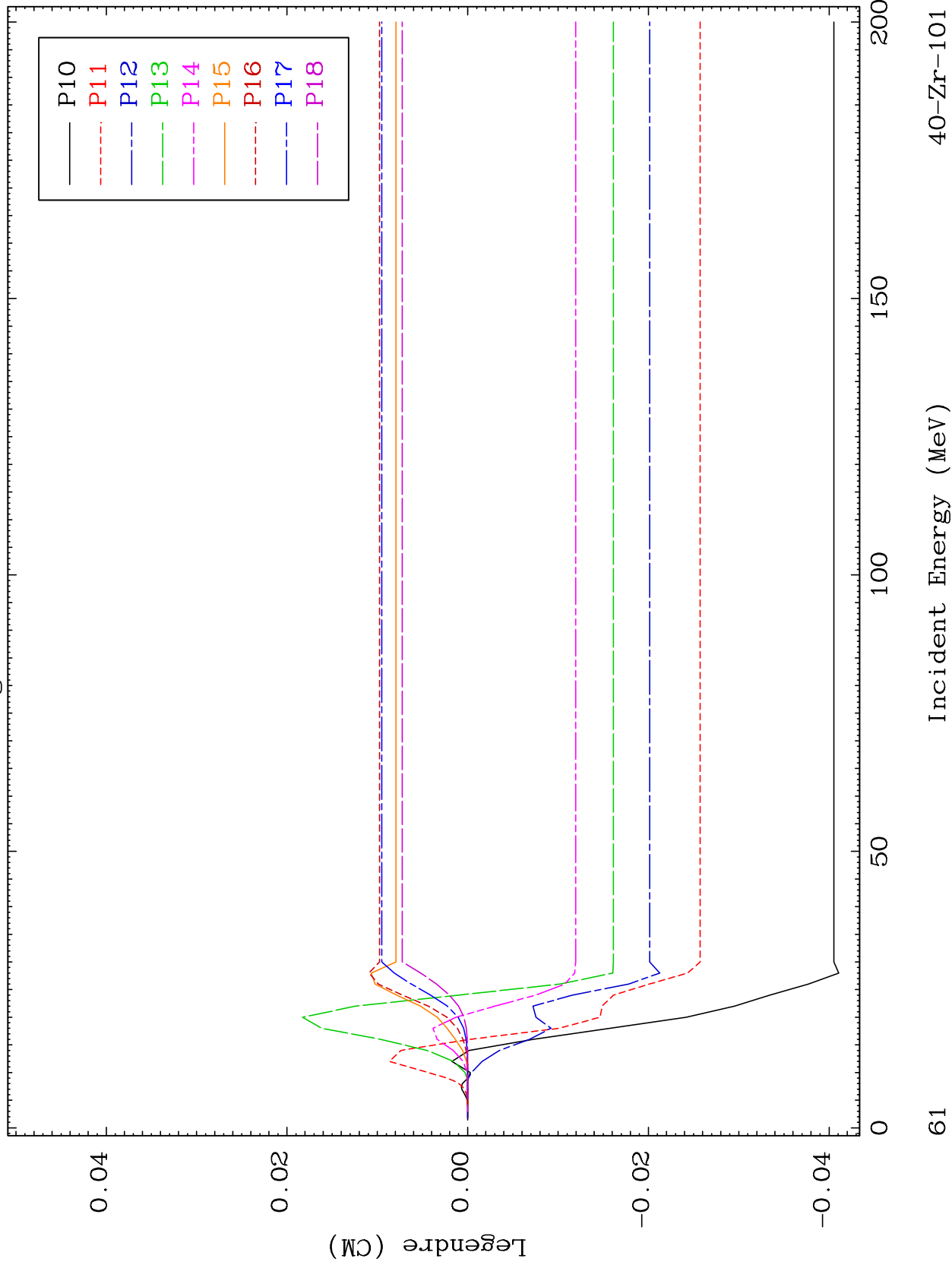




MAT 4058

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

40-Zr-101



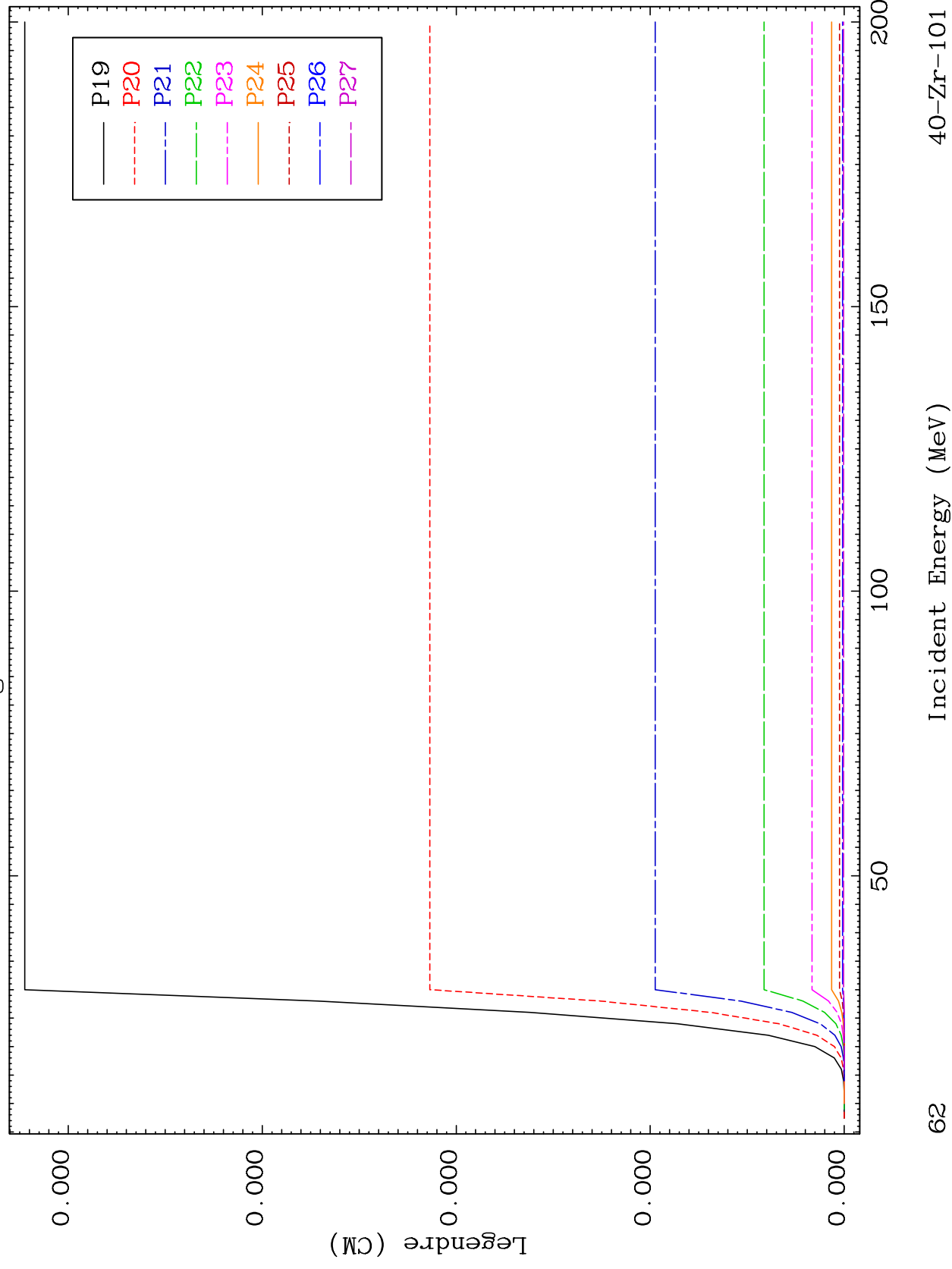
61

40-Zr-101

MAT 4058

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

40-Zr-101



62

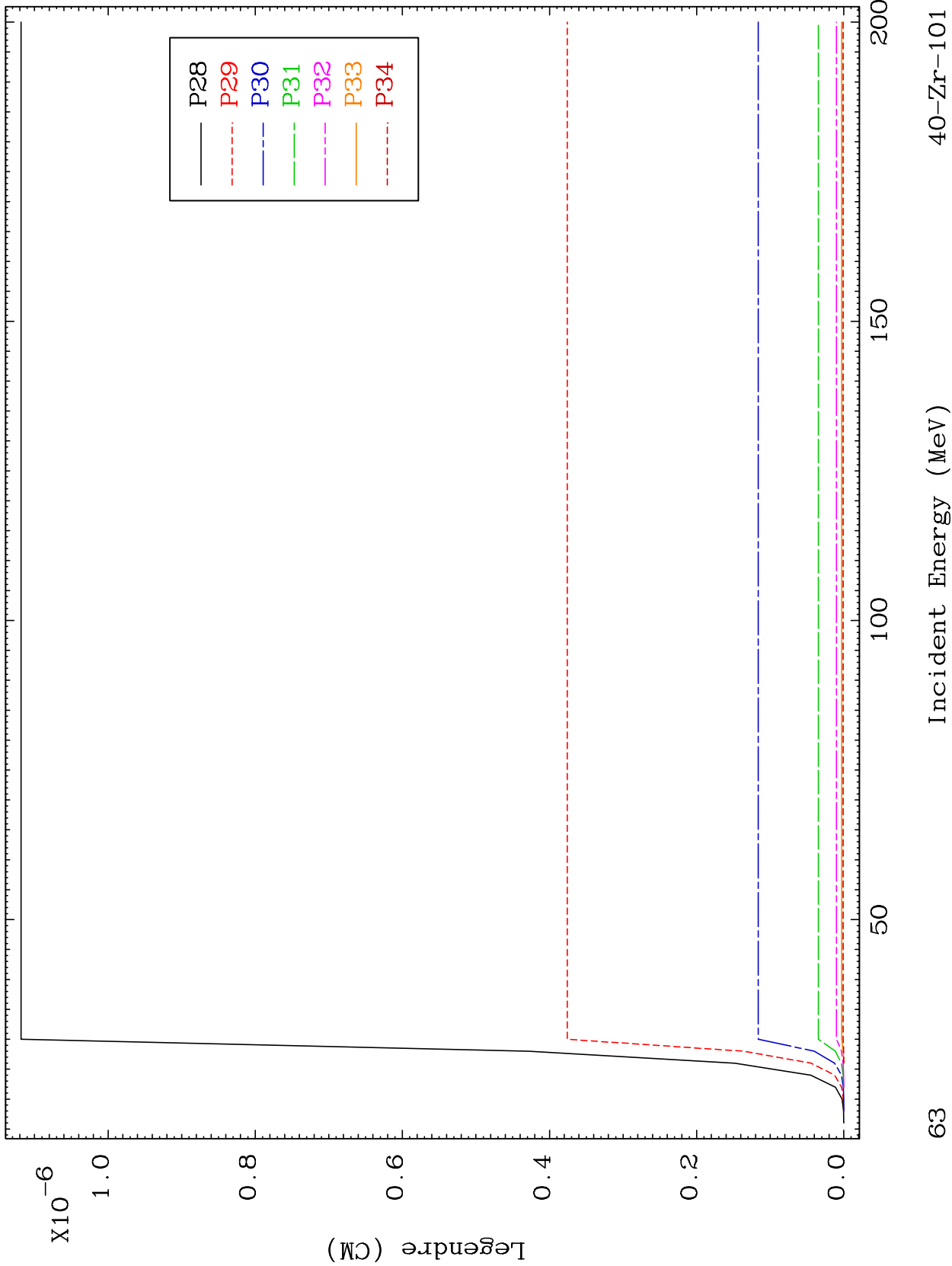
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

40-Zr-101



63

Incident Energy (MeV)

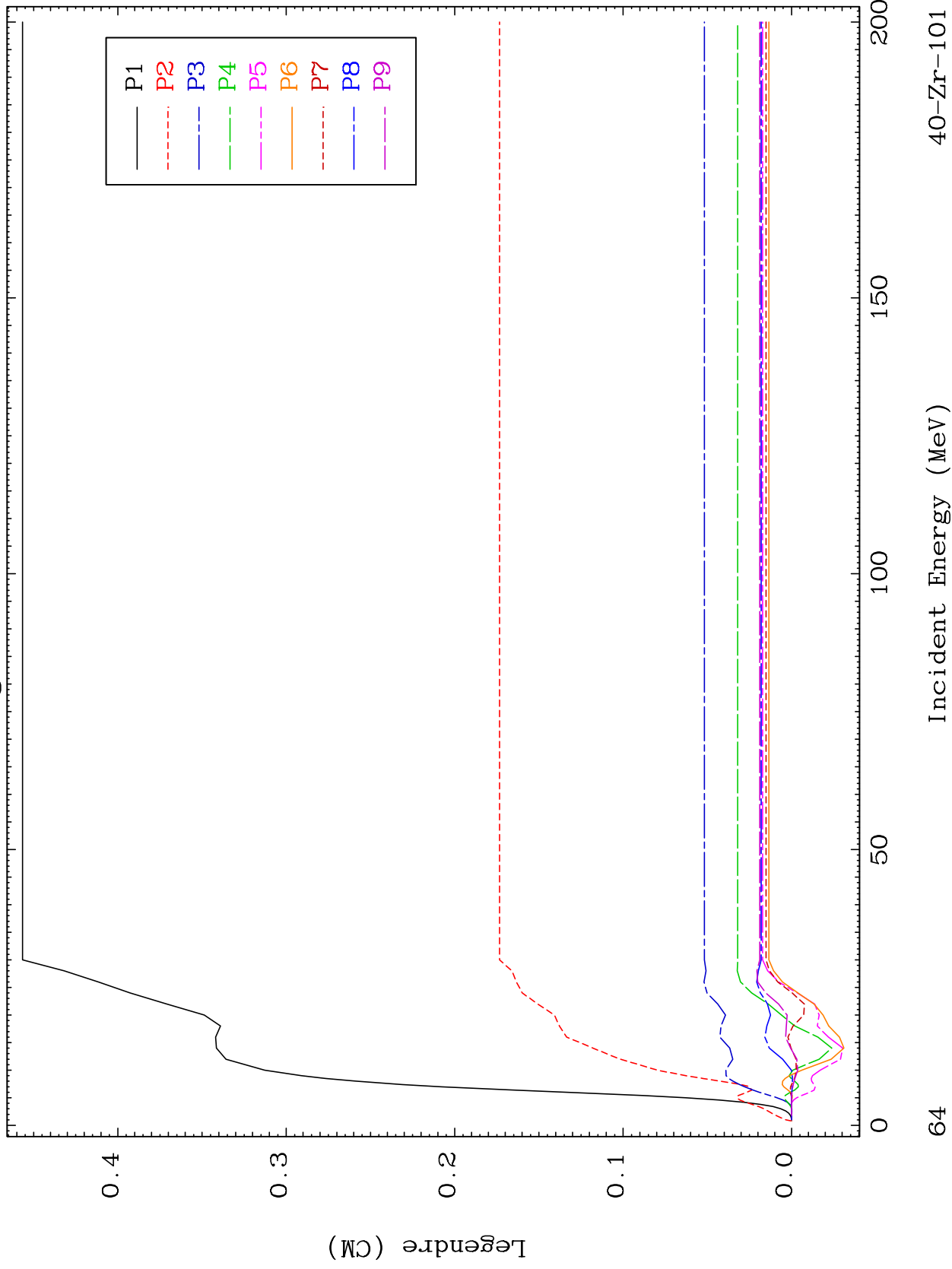
40-Zr-101

MAT 4058

MT= 62 (n,n') Level

40-Zr-101

Legendre Coefficients



40-Zr-101

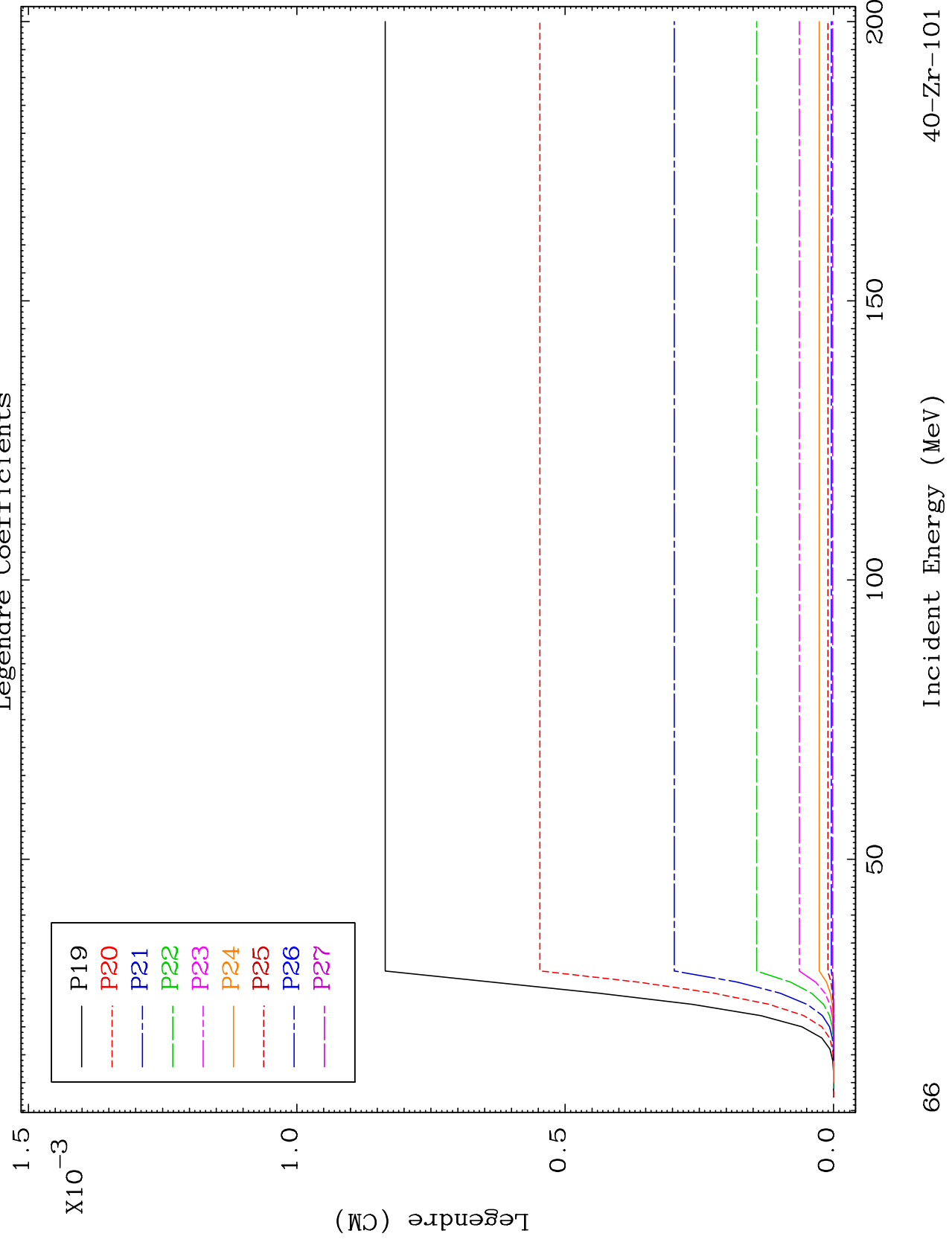
Incident Energy (MeV)

64

MAT 4058

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

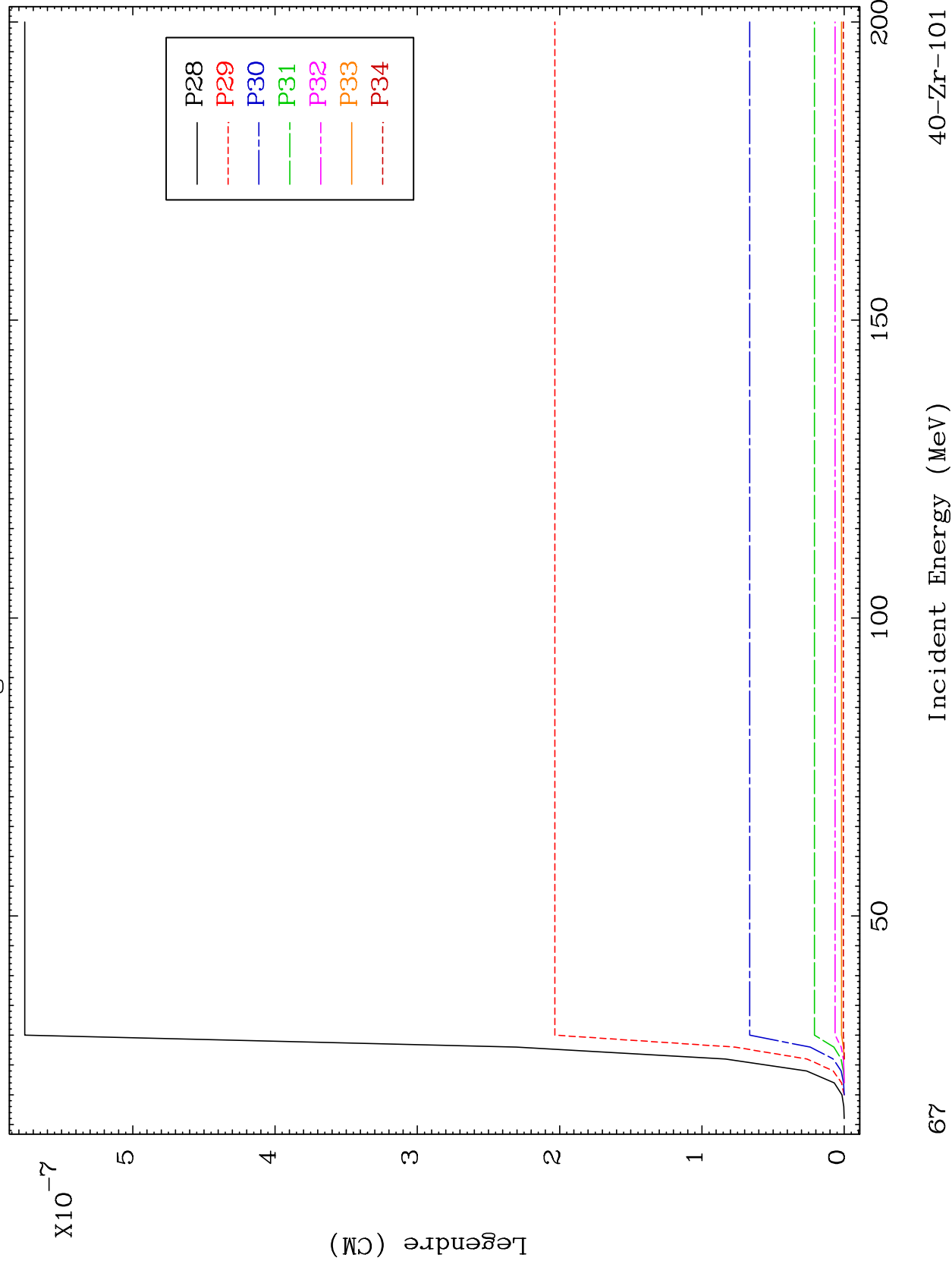
40-Zr-101



MAT 4058

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

40-Zr-101

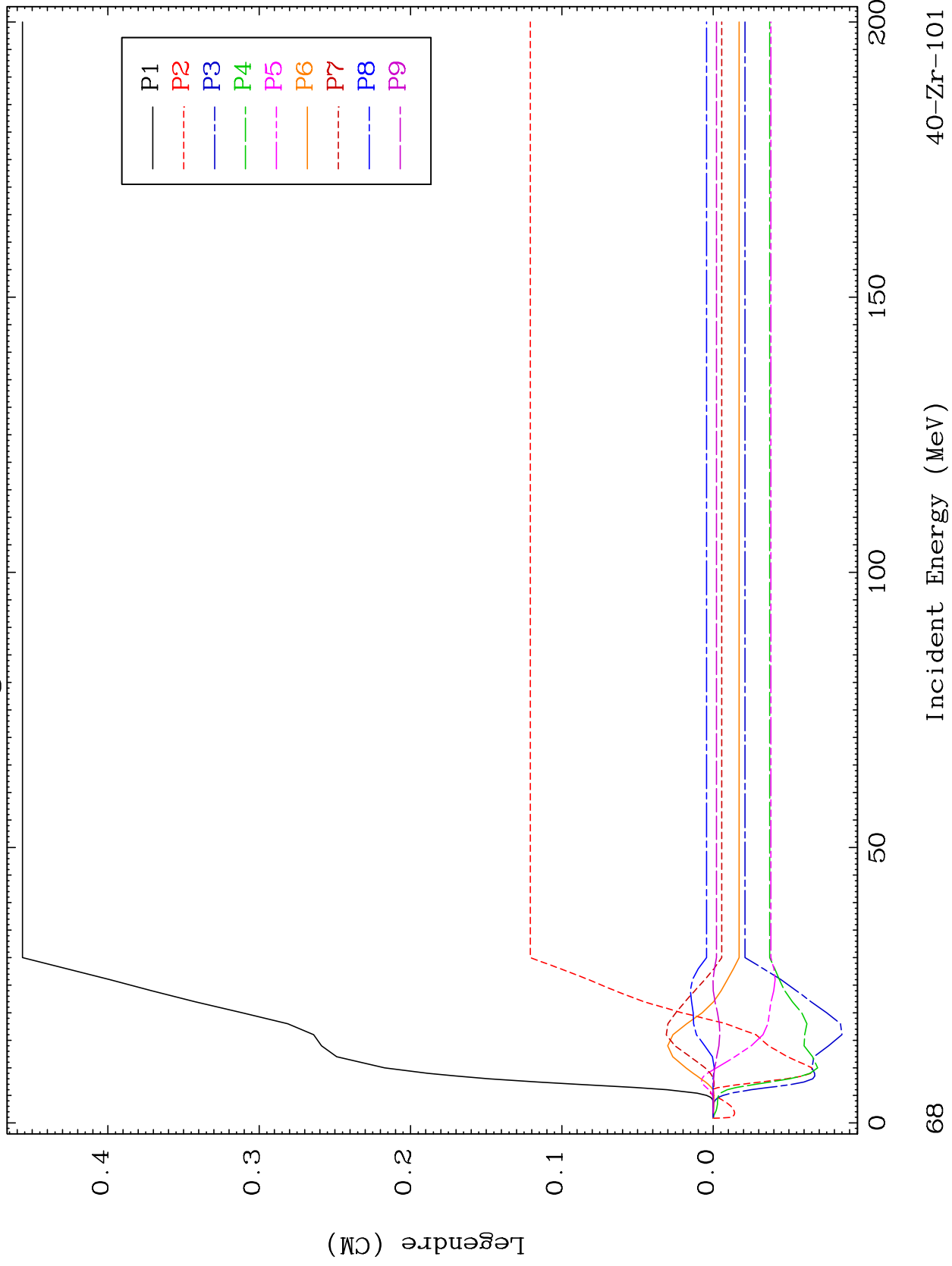


MAT 4058

MT= 63 (n,n') Level

40-Zr-101

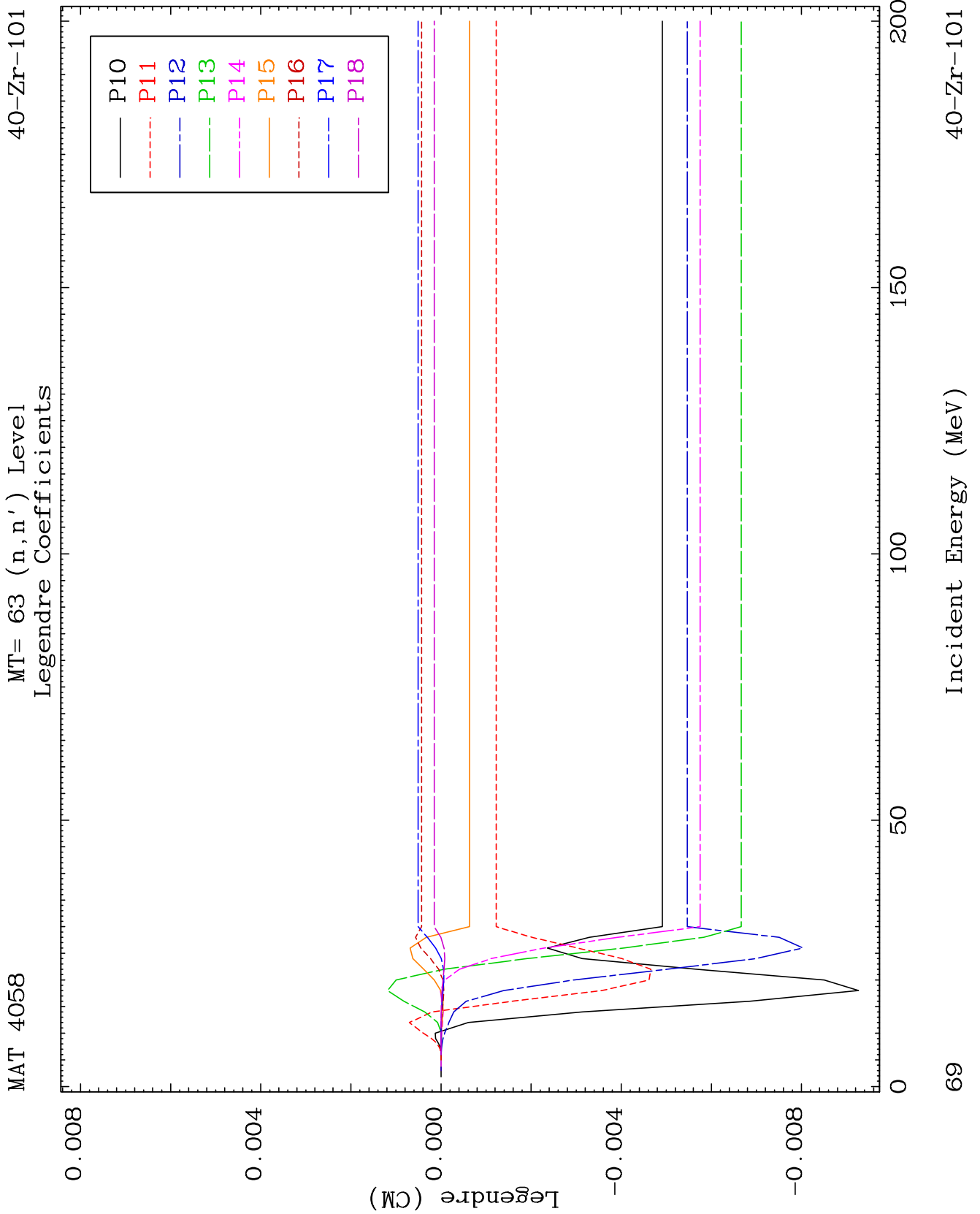
Legendre Coefficients



68

Incident Energy (MeV)

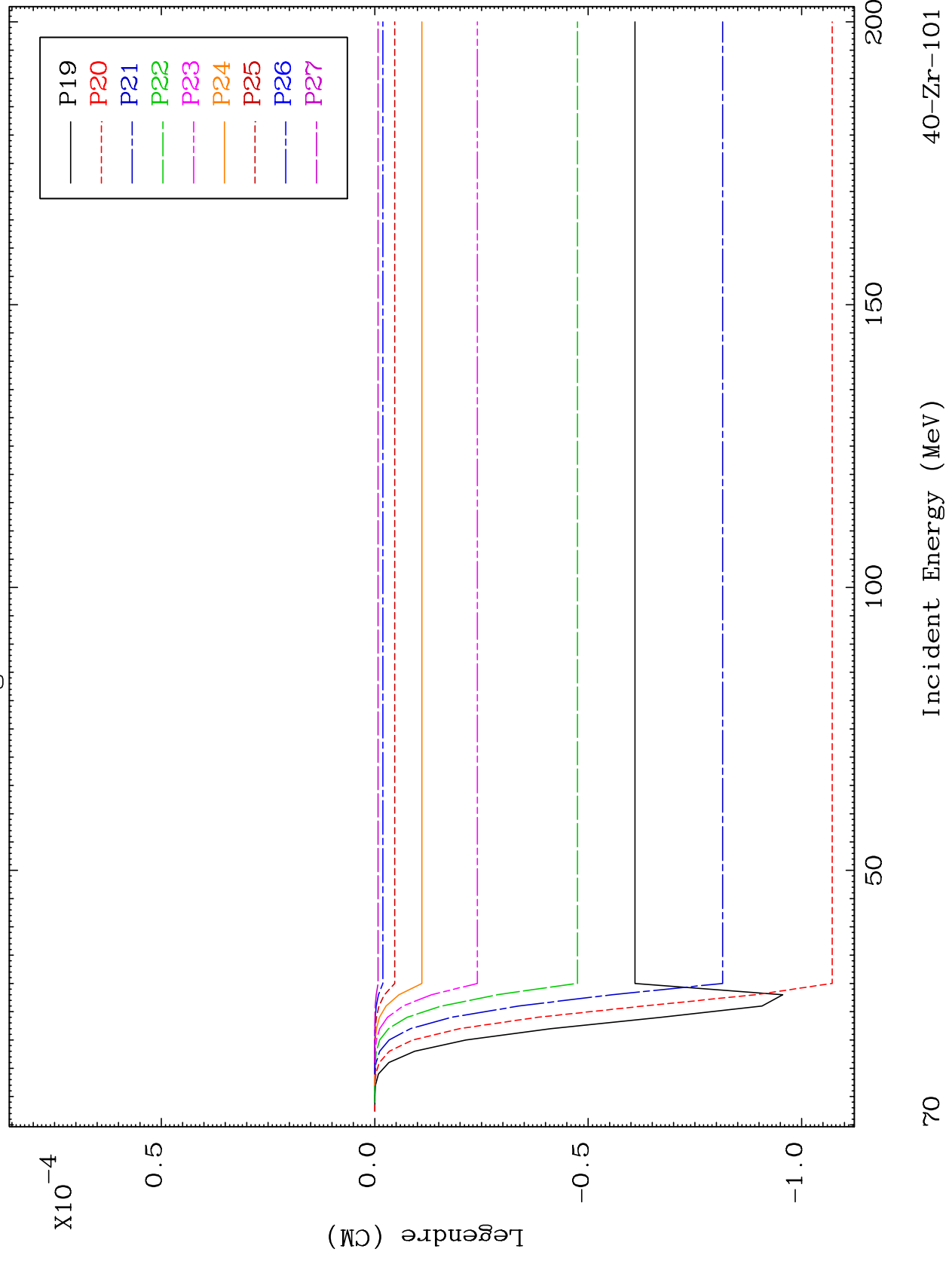
40-Zr-101



MAT 4058

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

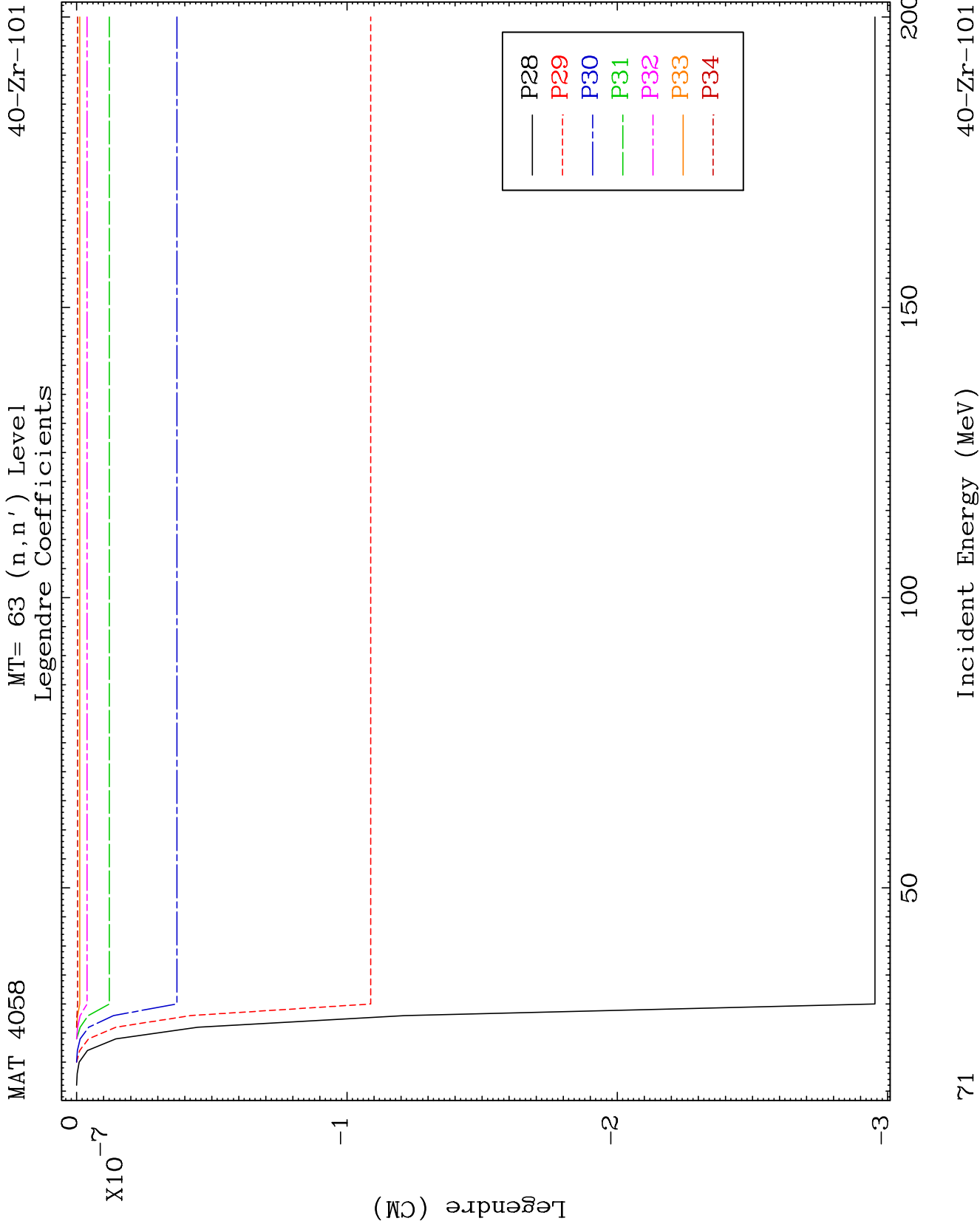
40-Zr-101



70

Incident Energy (MeV)

40-Zr-101

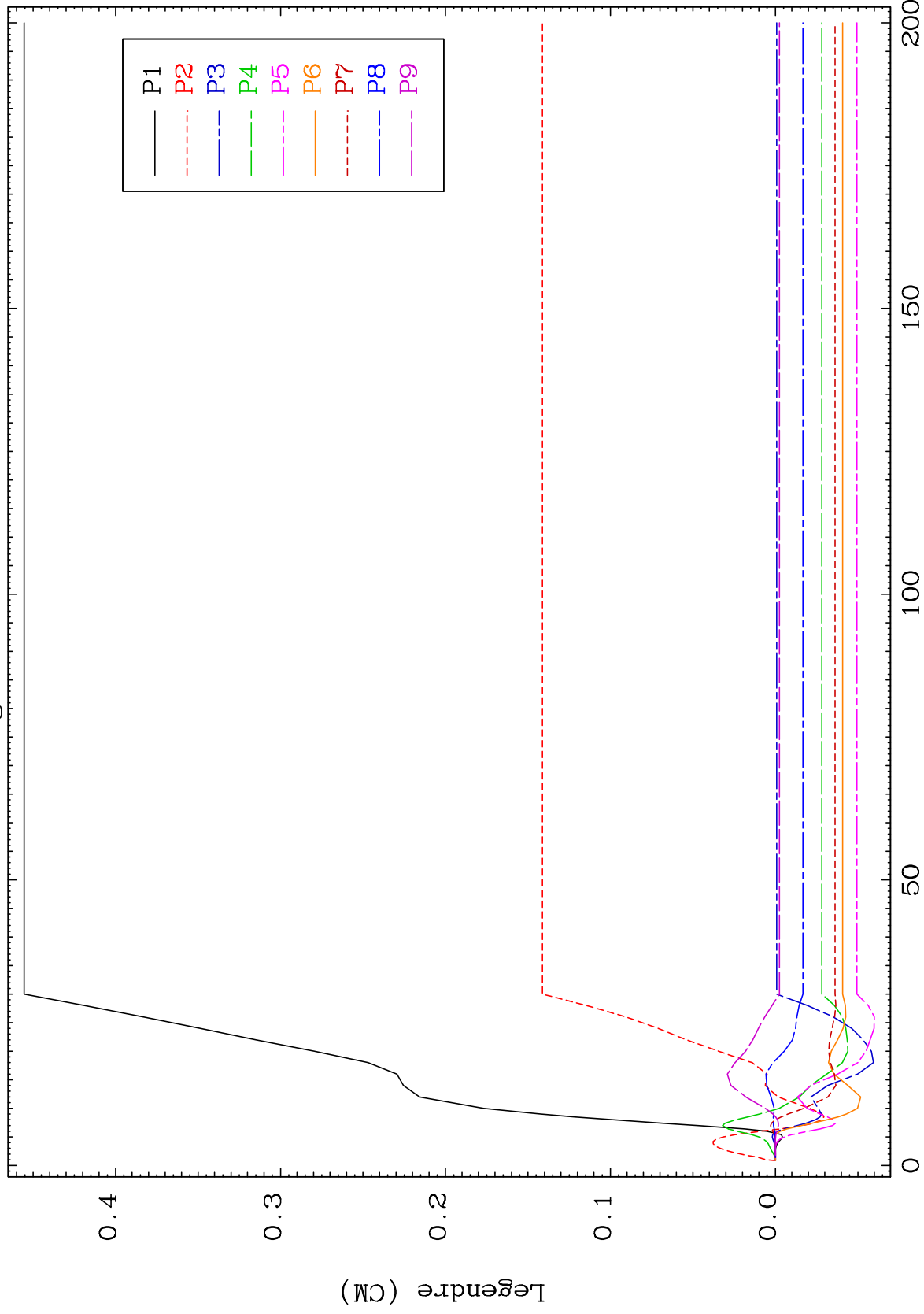


MAT 4058

MT= 64 (n,n') Level

40-Zr-101

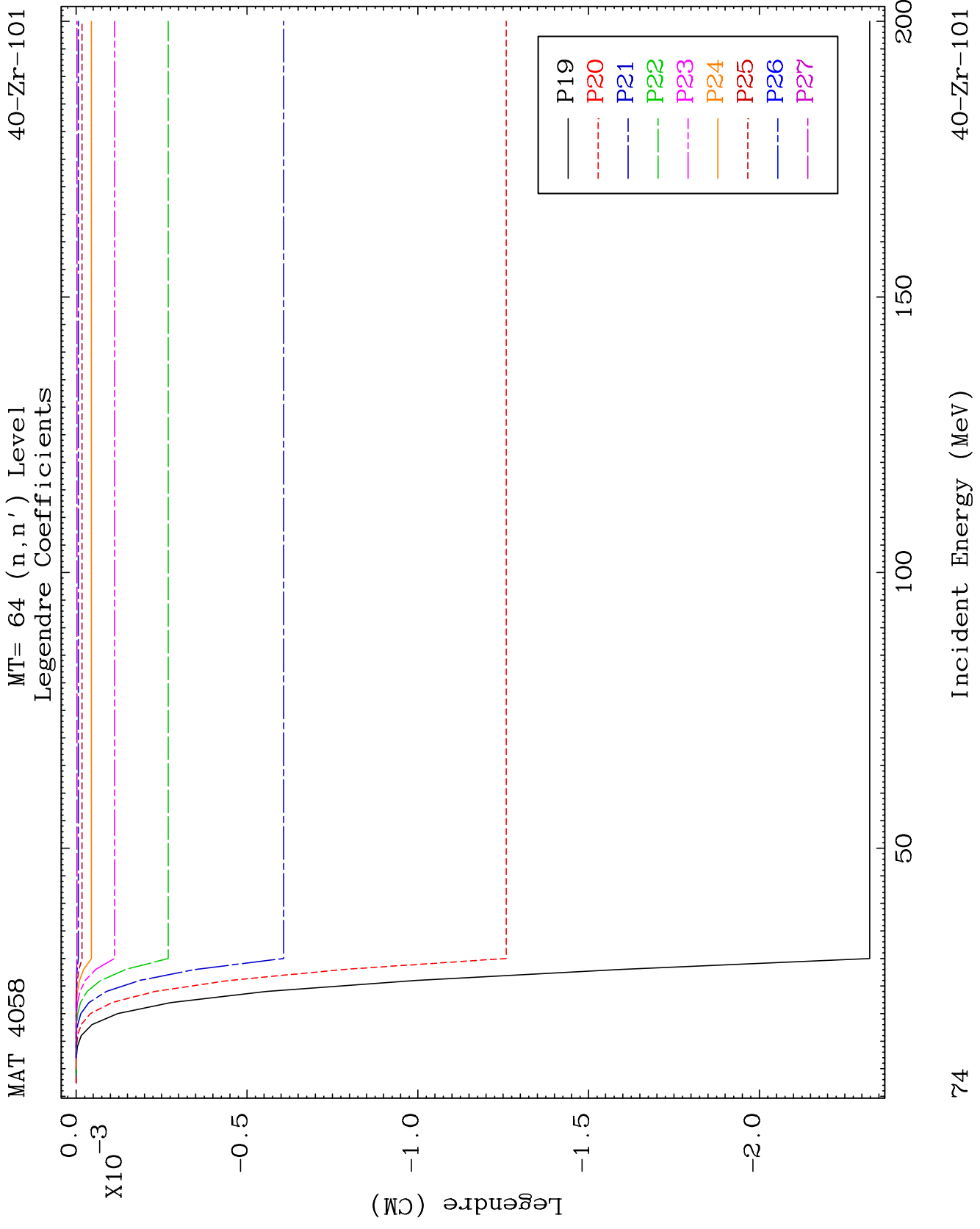
Legendre Coefficients

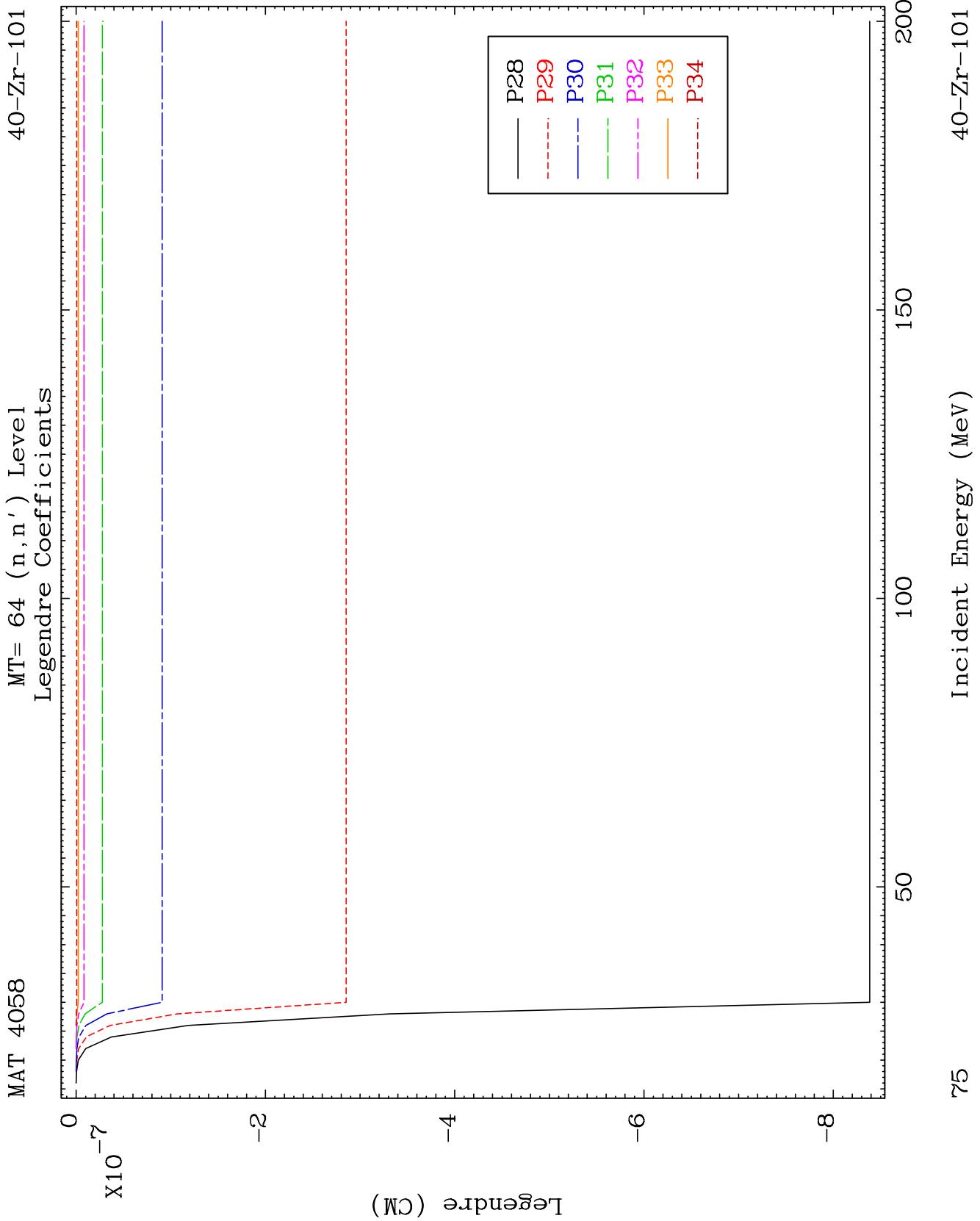


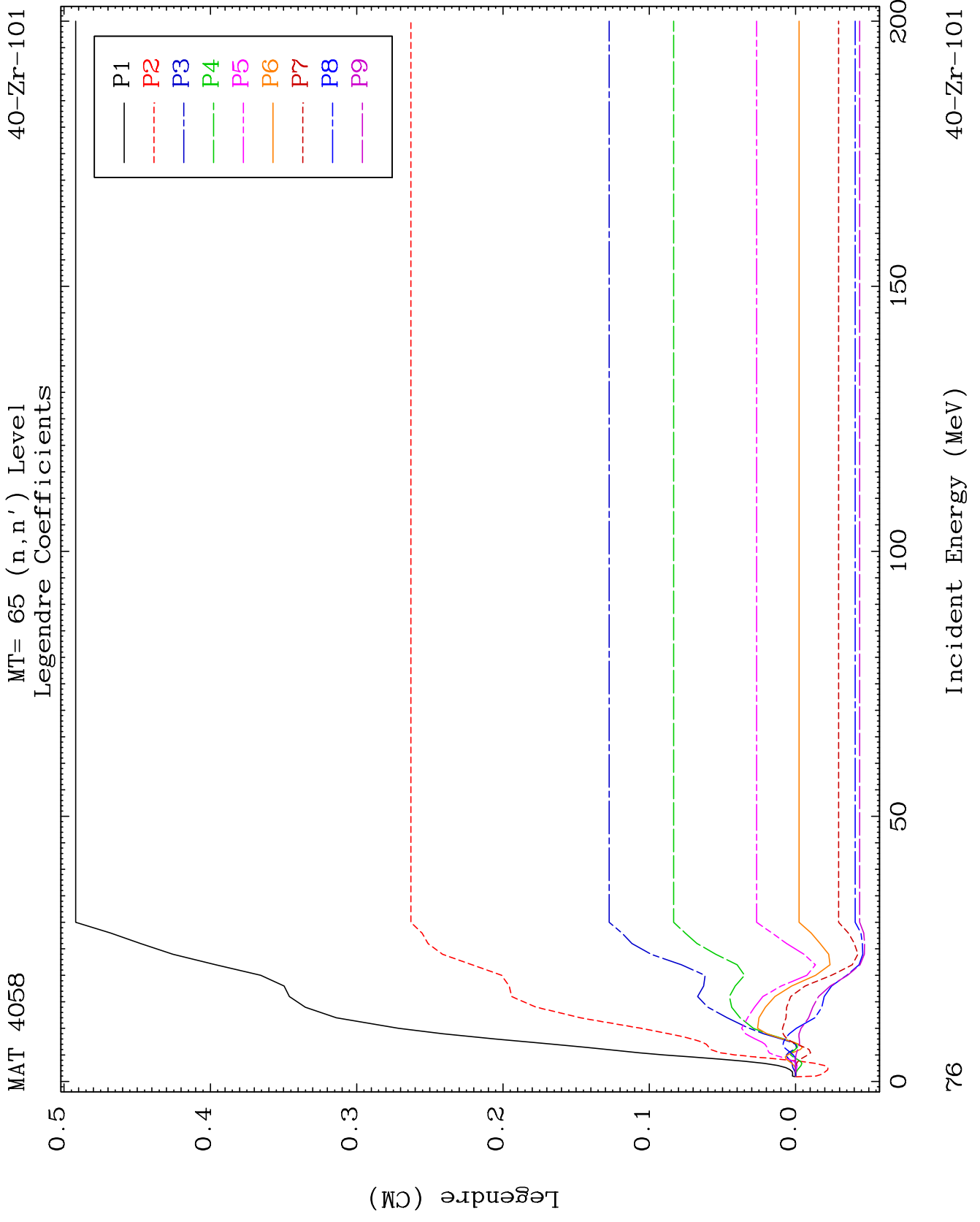
72

Incident Energy (MeV)

40-Zr-101



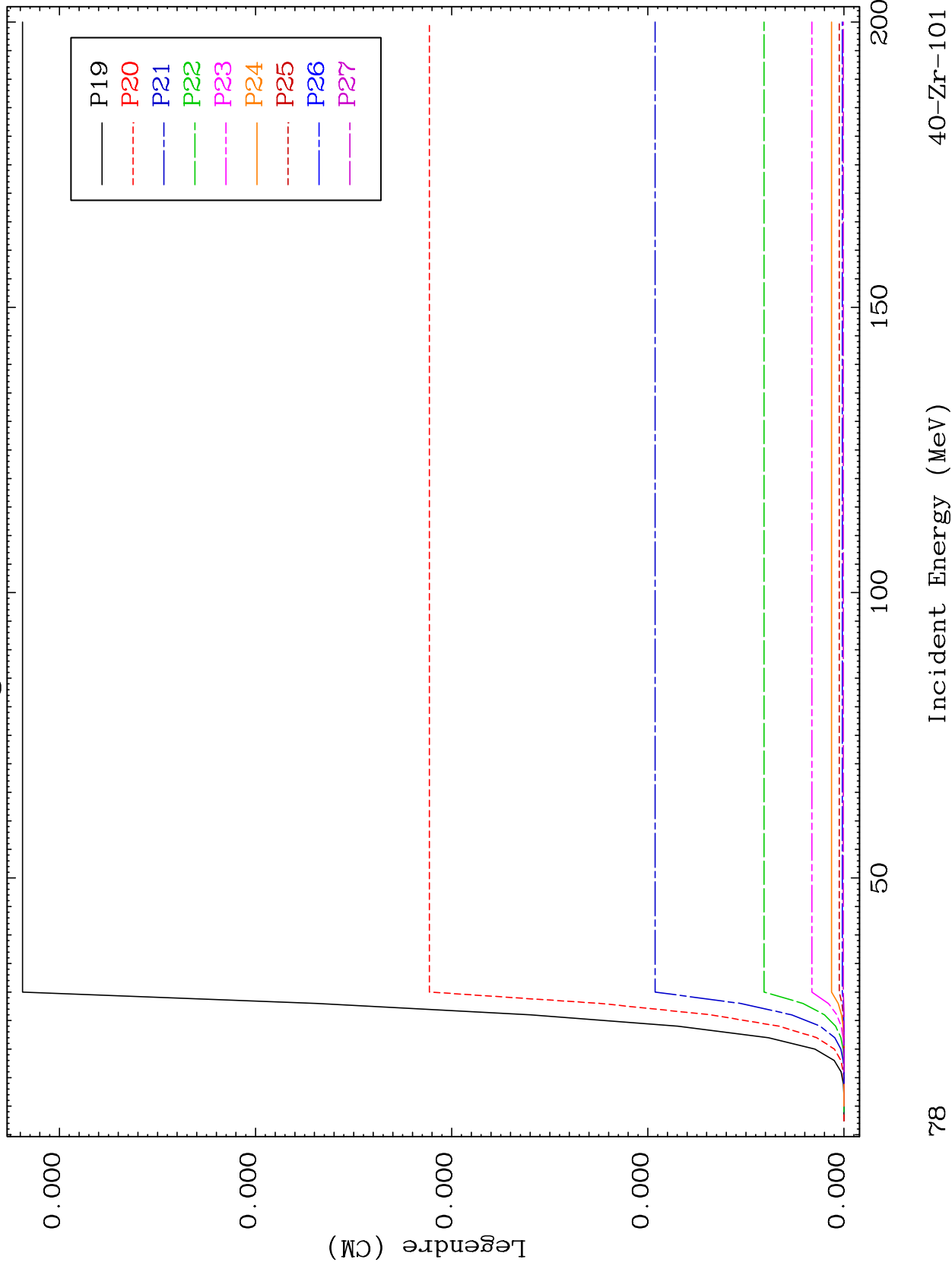




MAT 4058

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

40-Zr-101



78

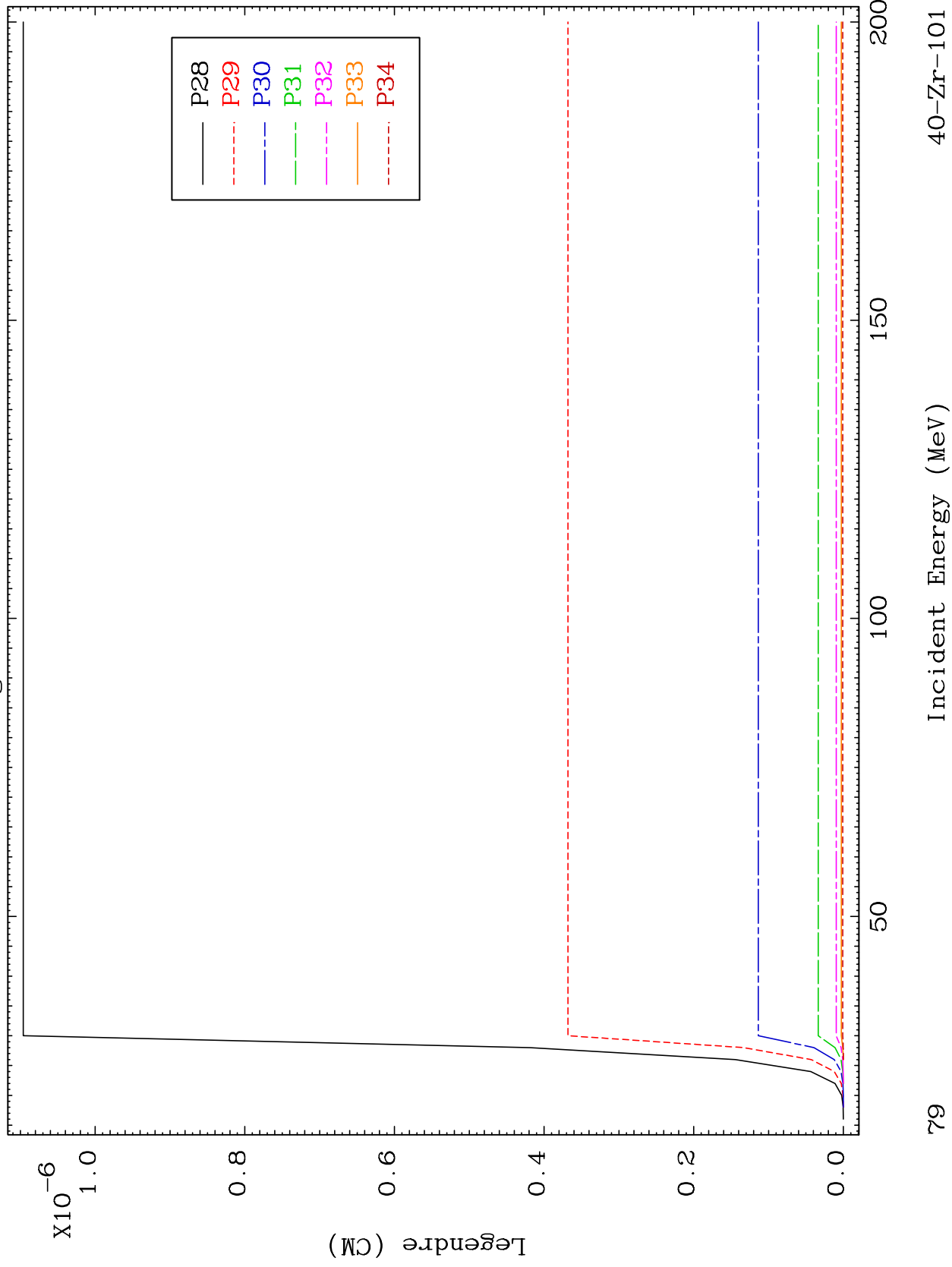
Incident Energy (MeV)

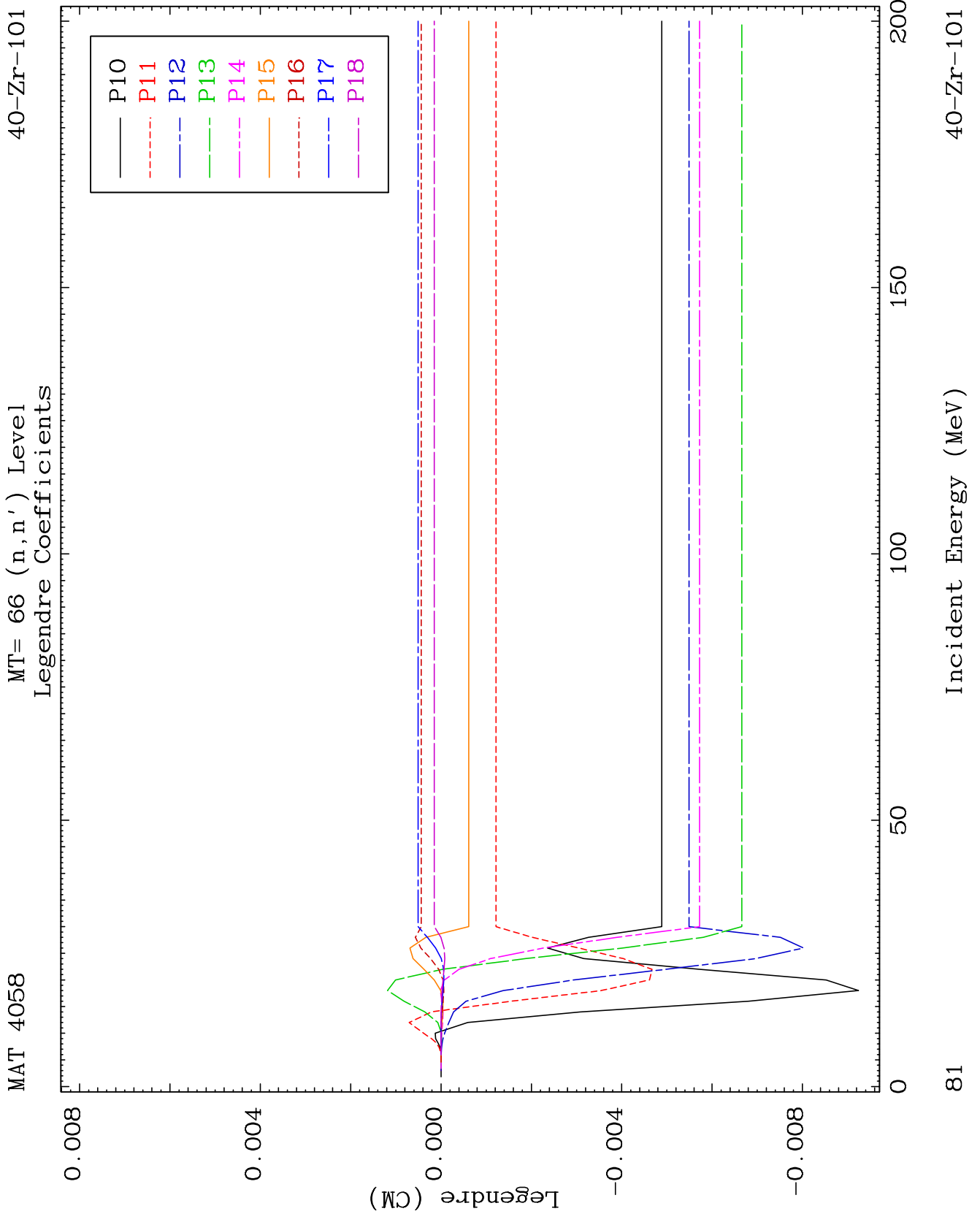
40-Zr-101

MAT 4058

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

40-Zr-101

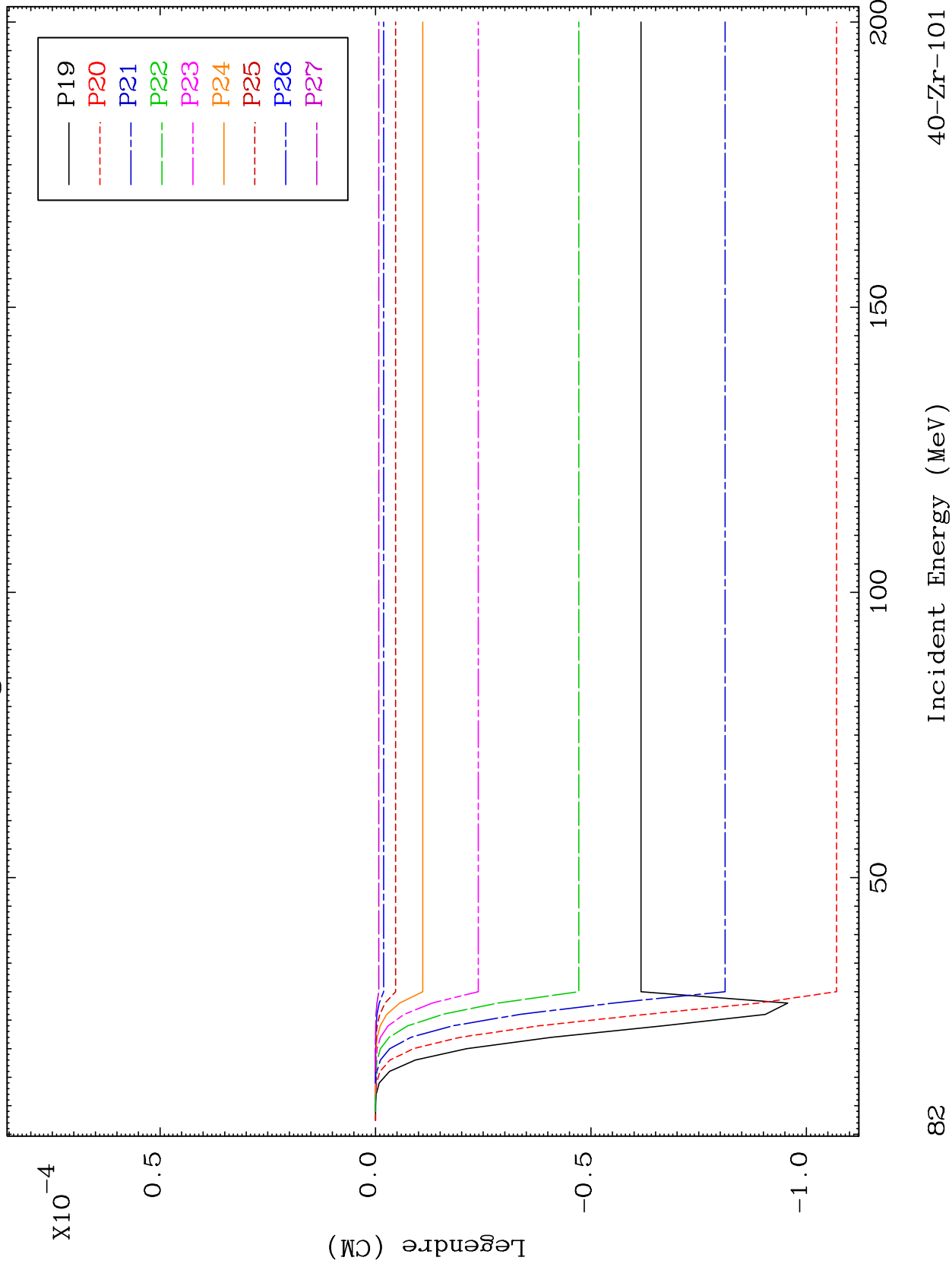




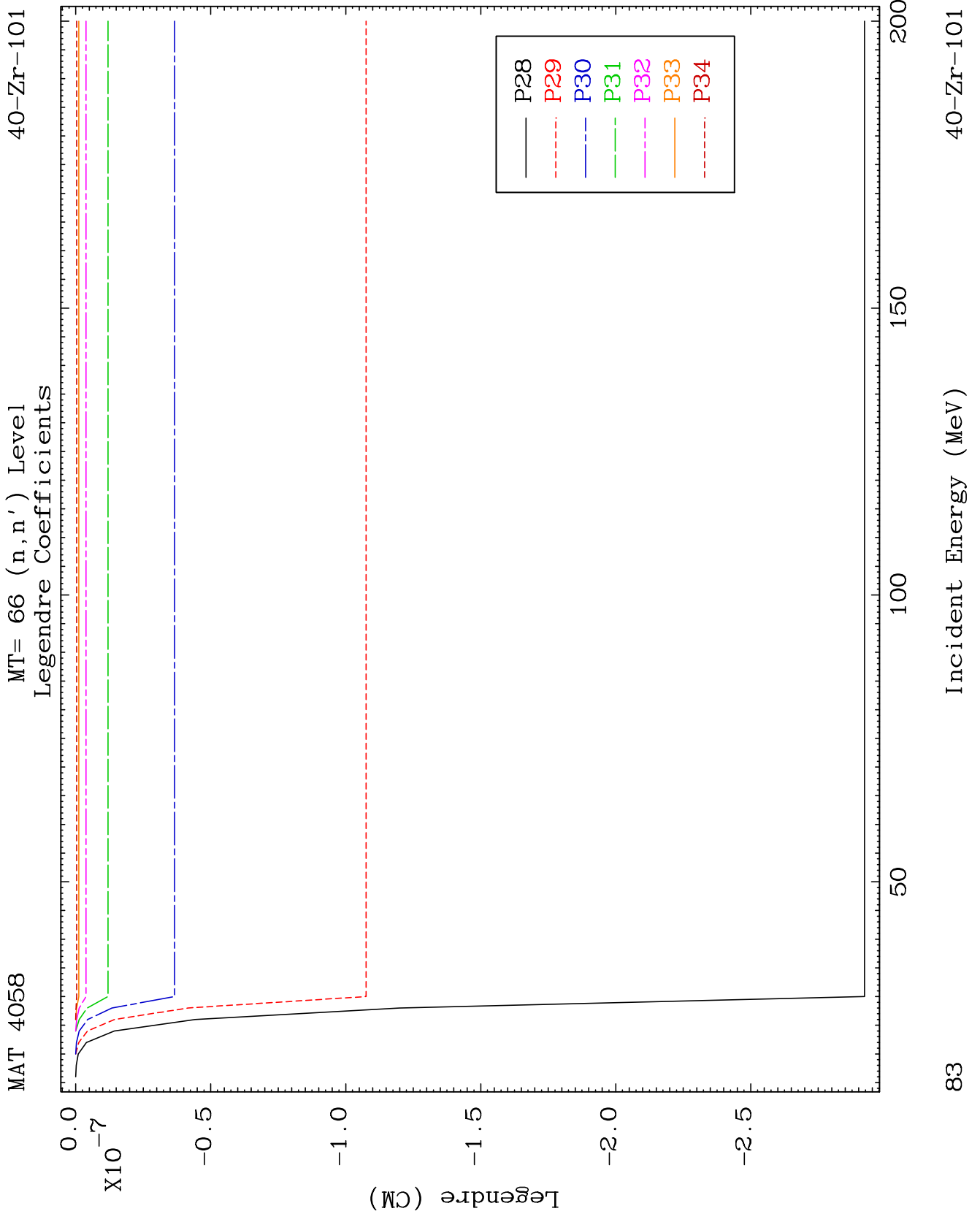
MAT 4058

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

40-Zr-101



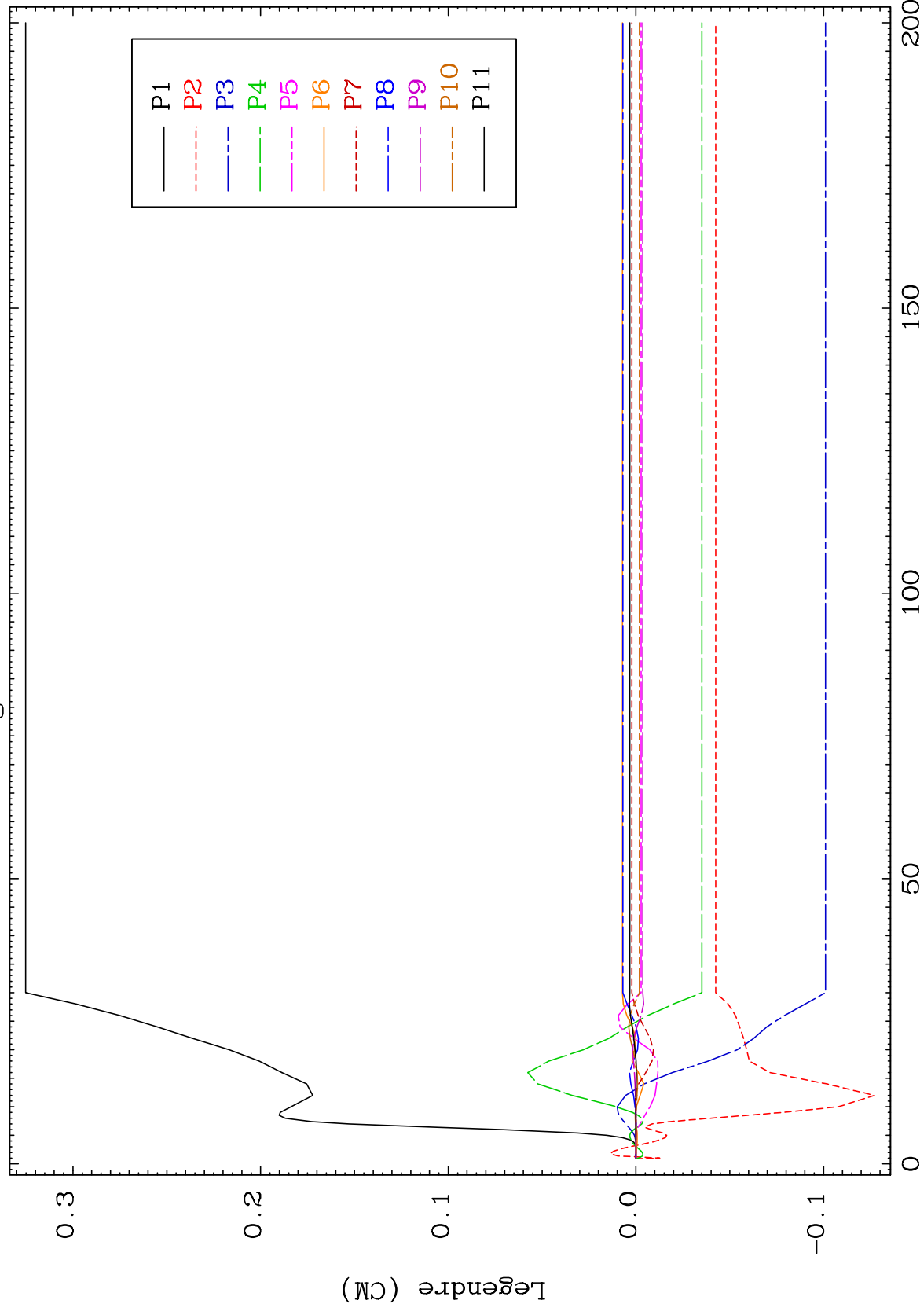
82



MAT 4058

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

40-Zr-101



84

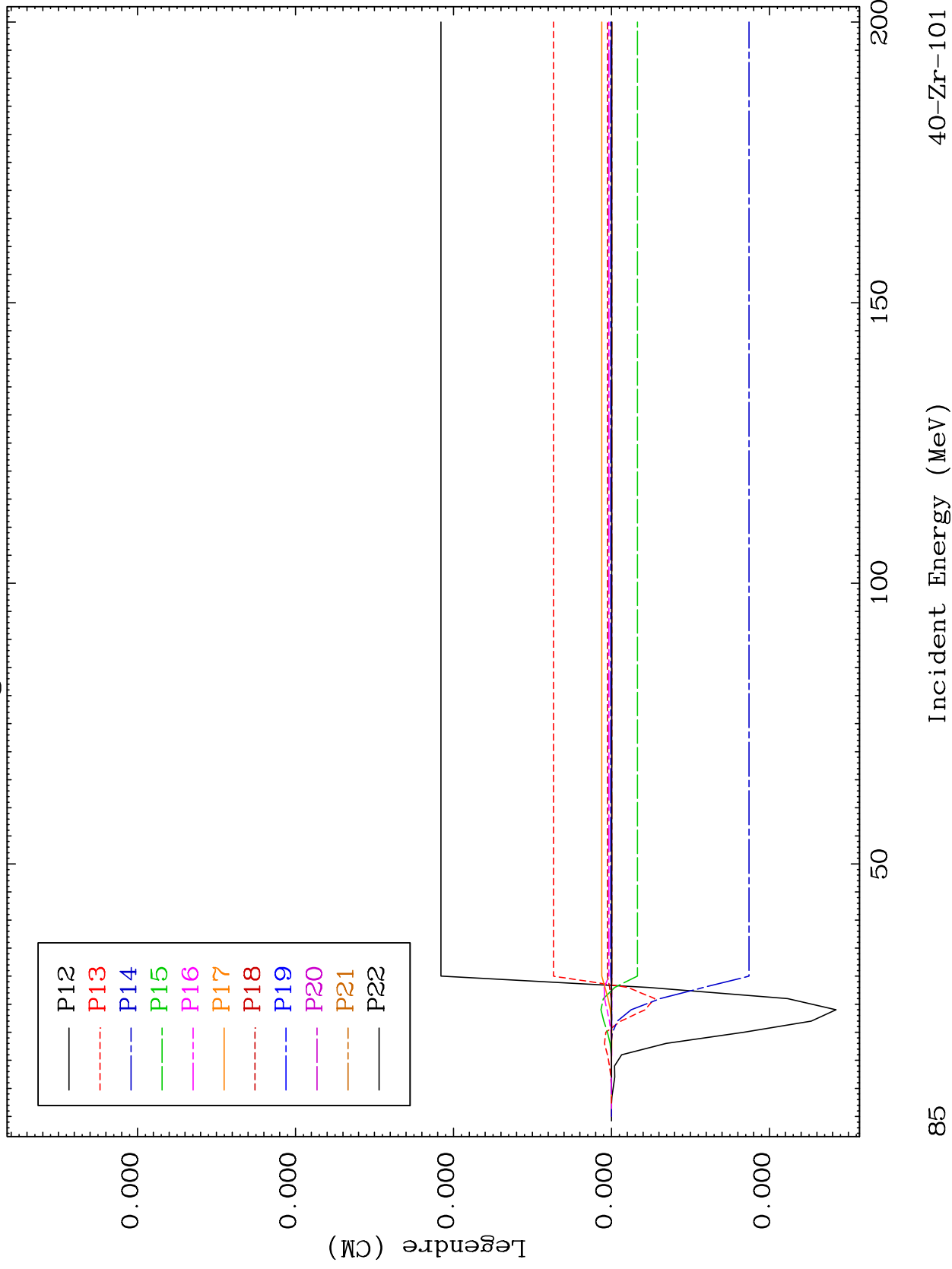
Incident Energy (MeV)

40-Zr-101

MAT 4058

40-Zr-101

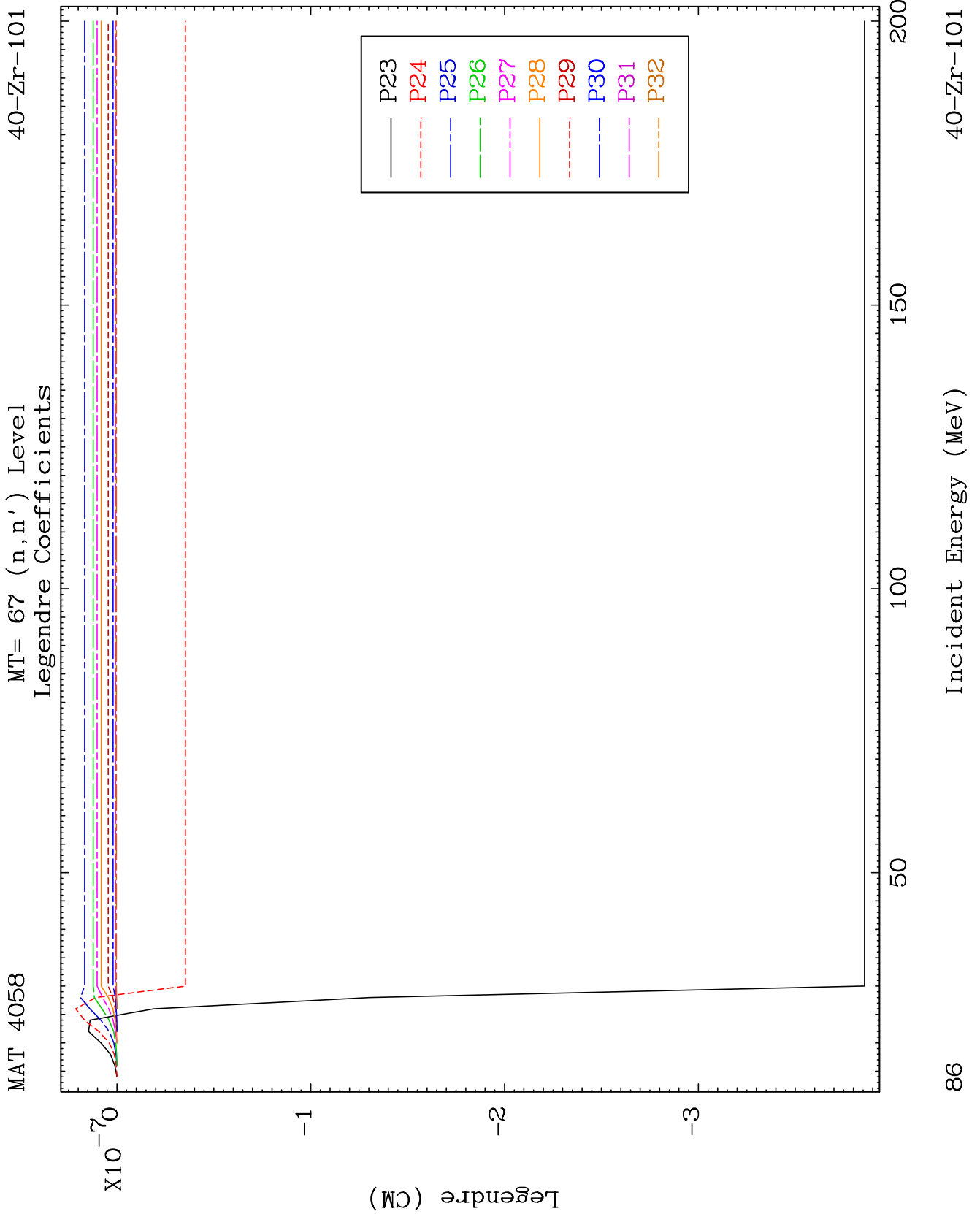
MT= 67 (n,n') Level
Legendre Coefficients

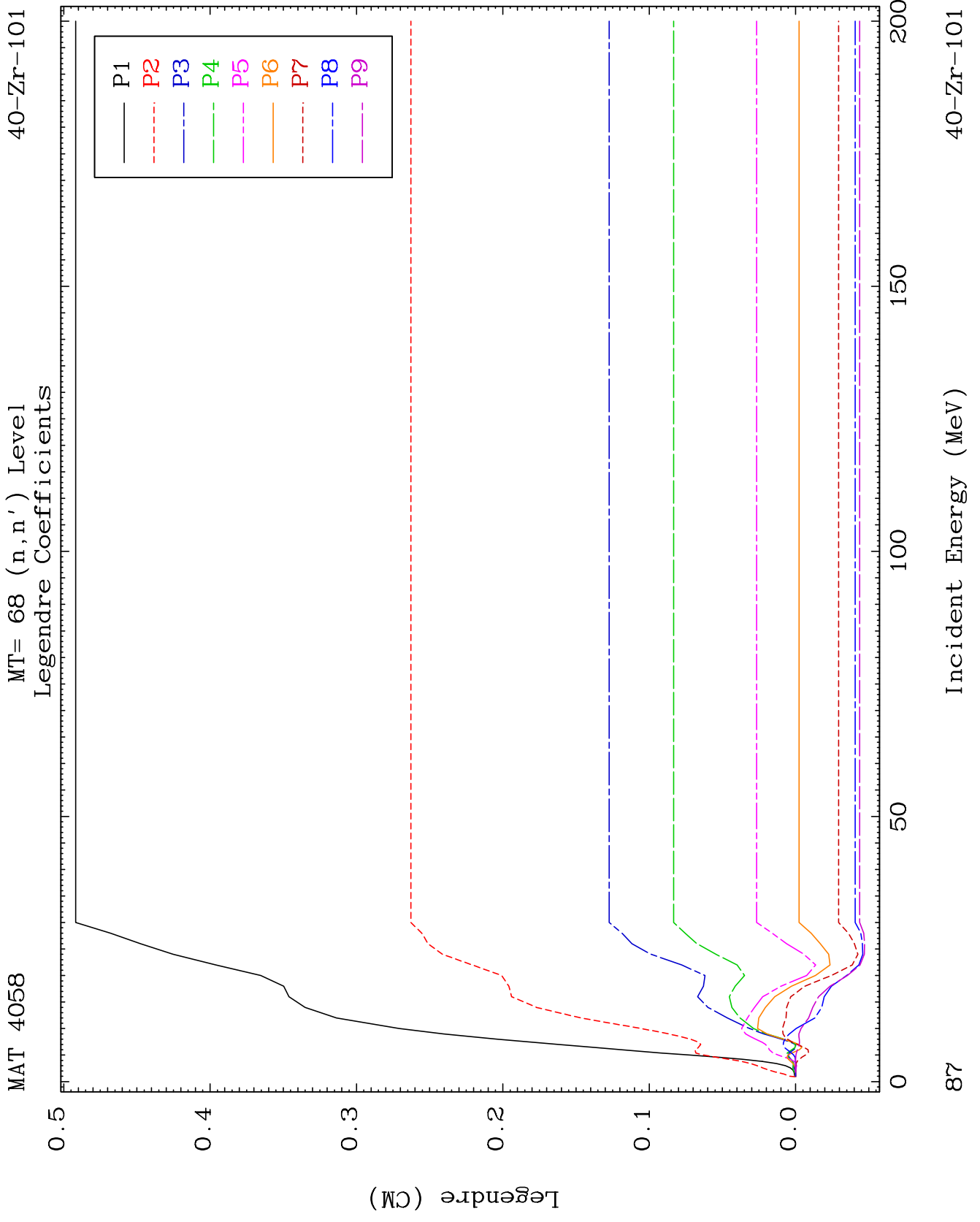


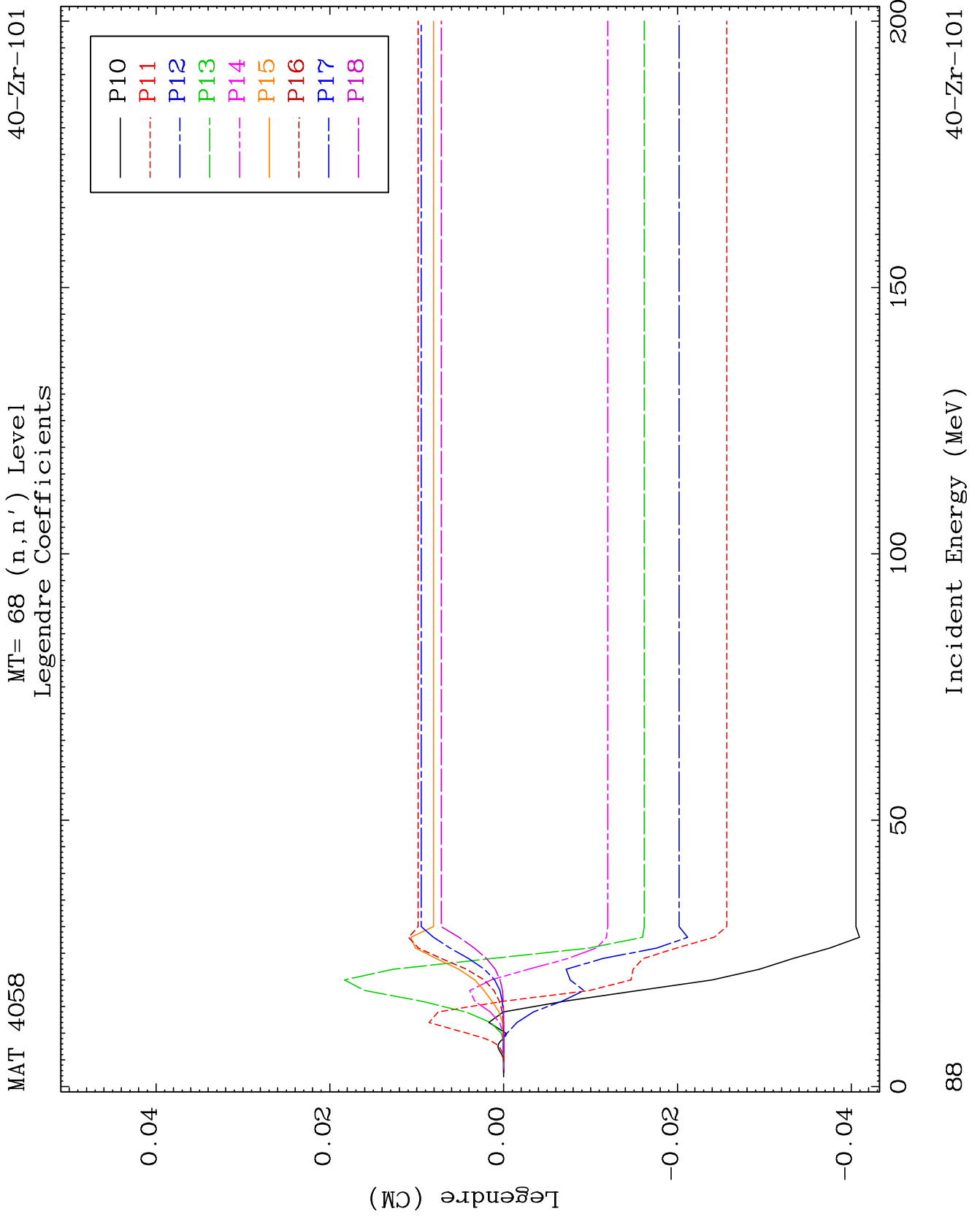
85

40-Zr-101

Incident Energy (MeV)



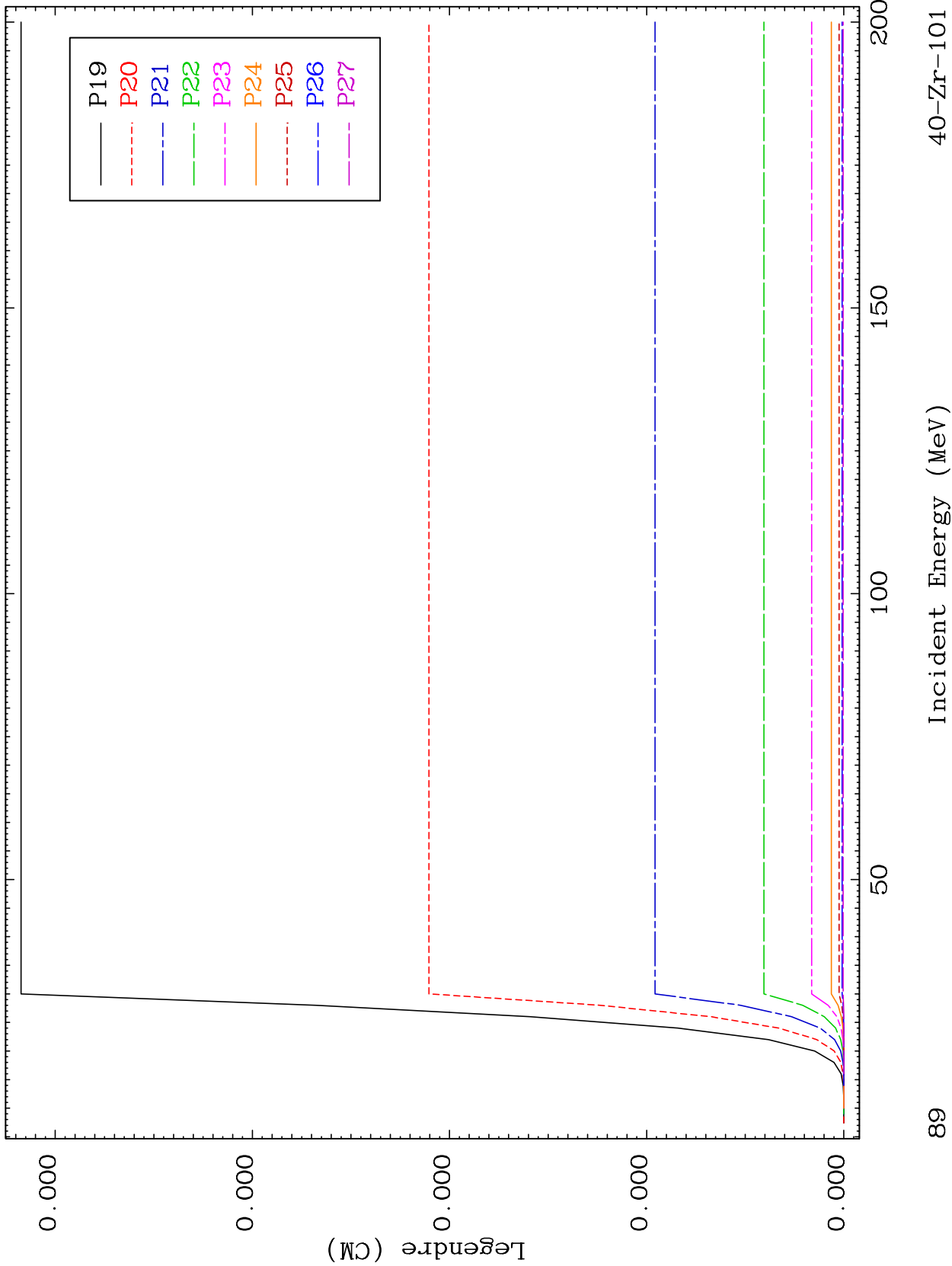




MAT 4058

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

40-Zr-101



89

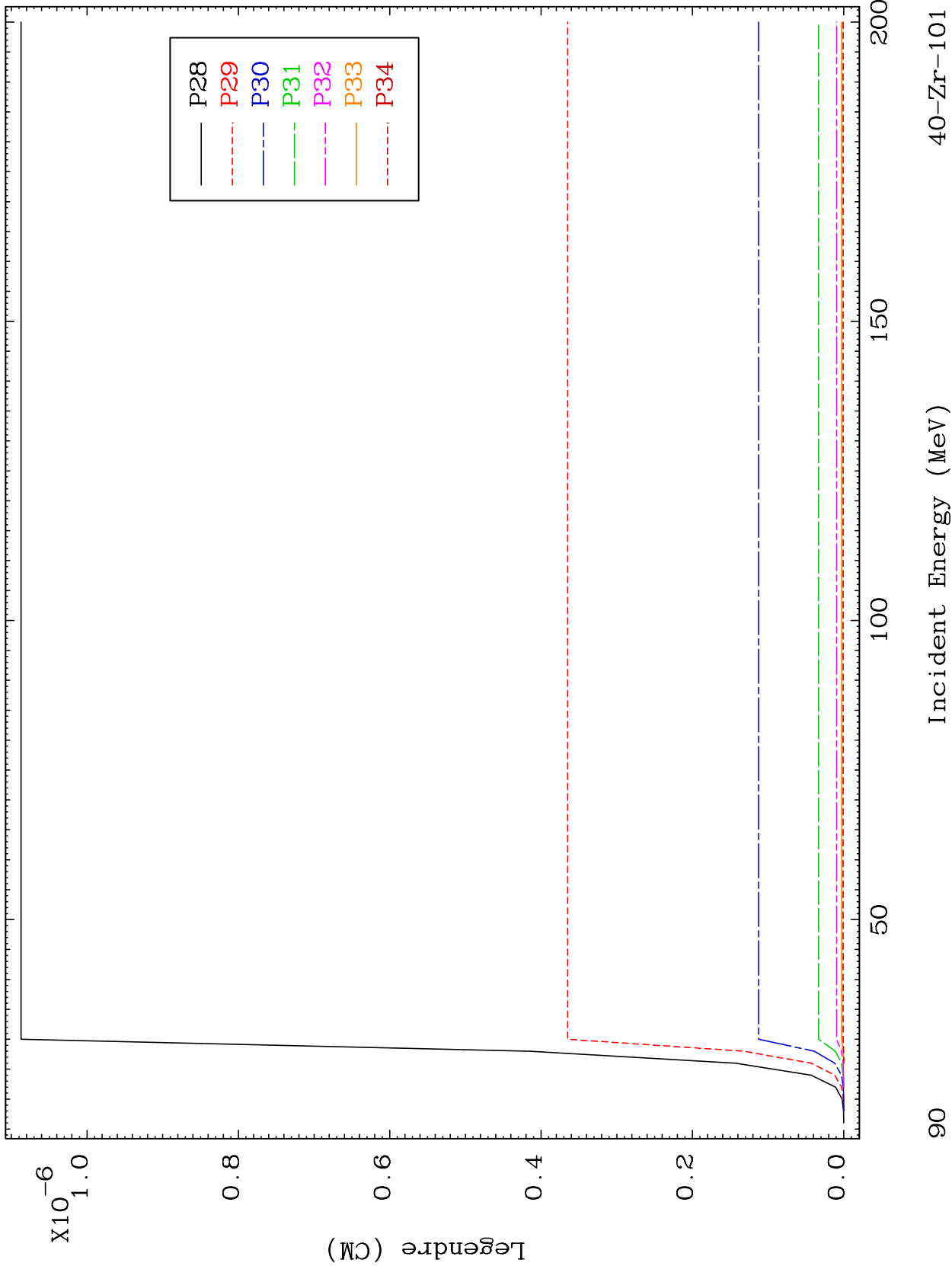
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

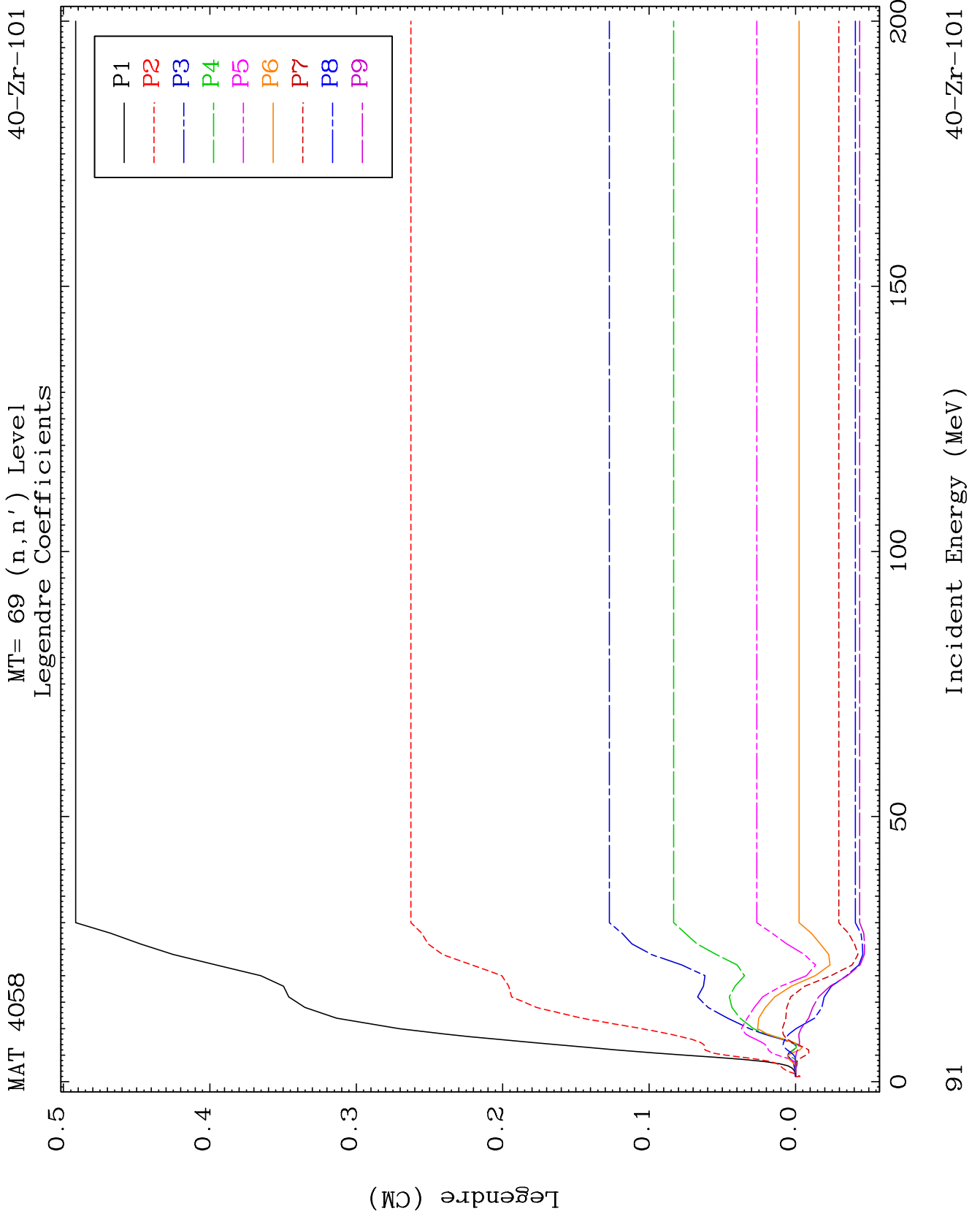
40-Zr-101

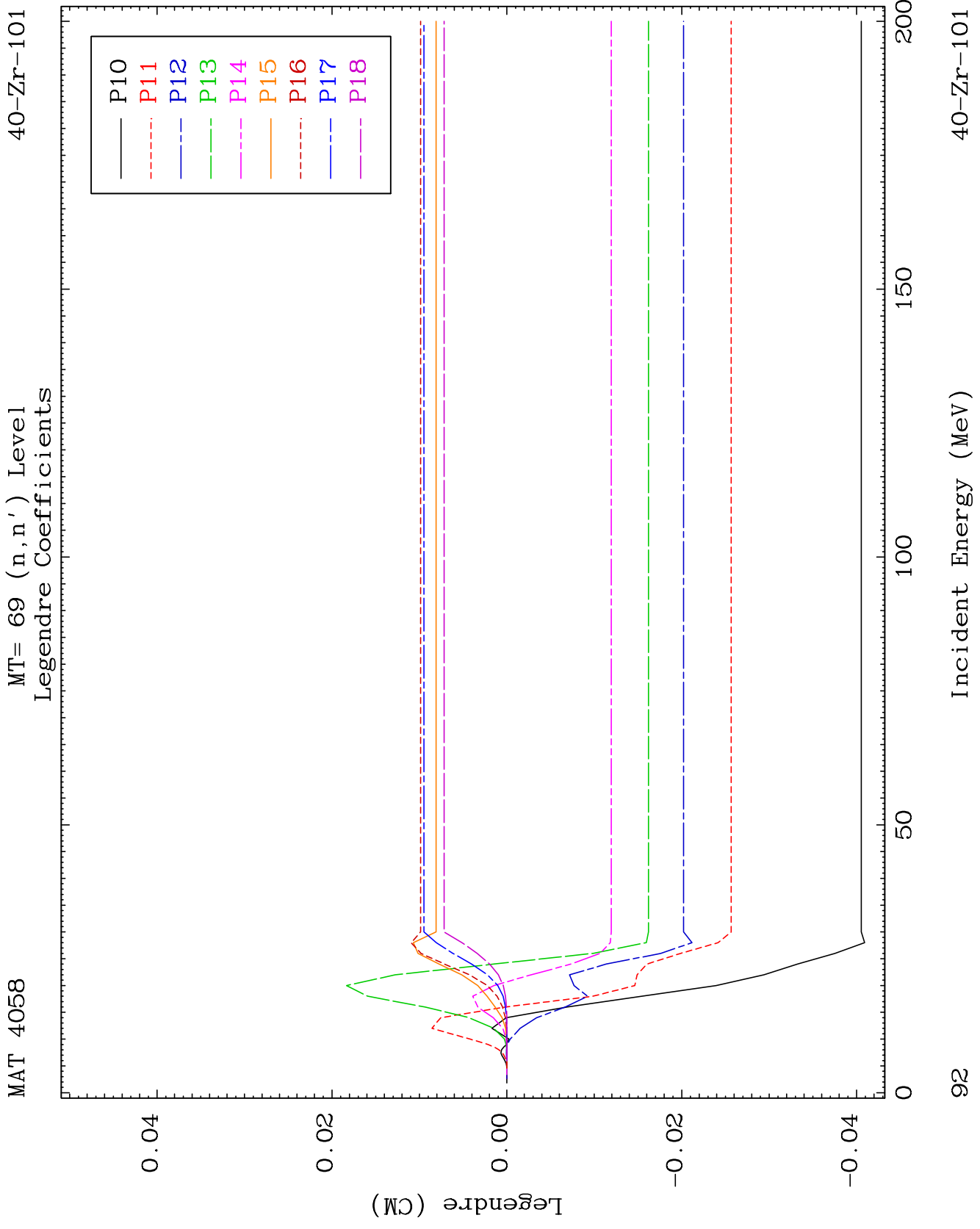


90

Incident Energy (MeV)

40-Zr-101

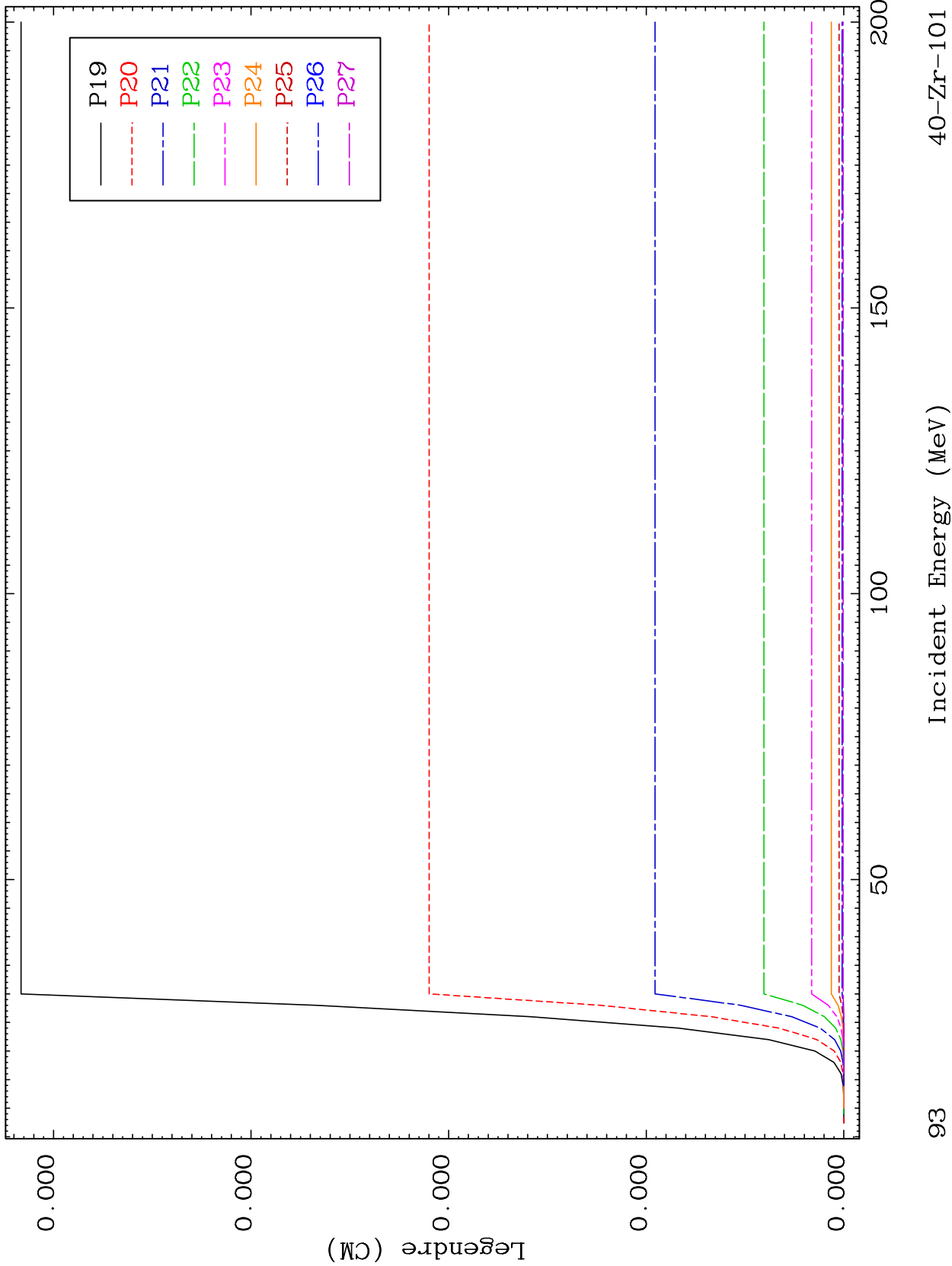




MAT 4058

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

40-Zr-101



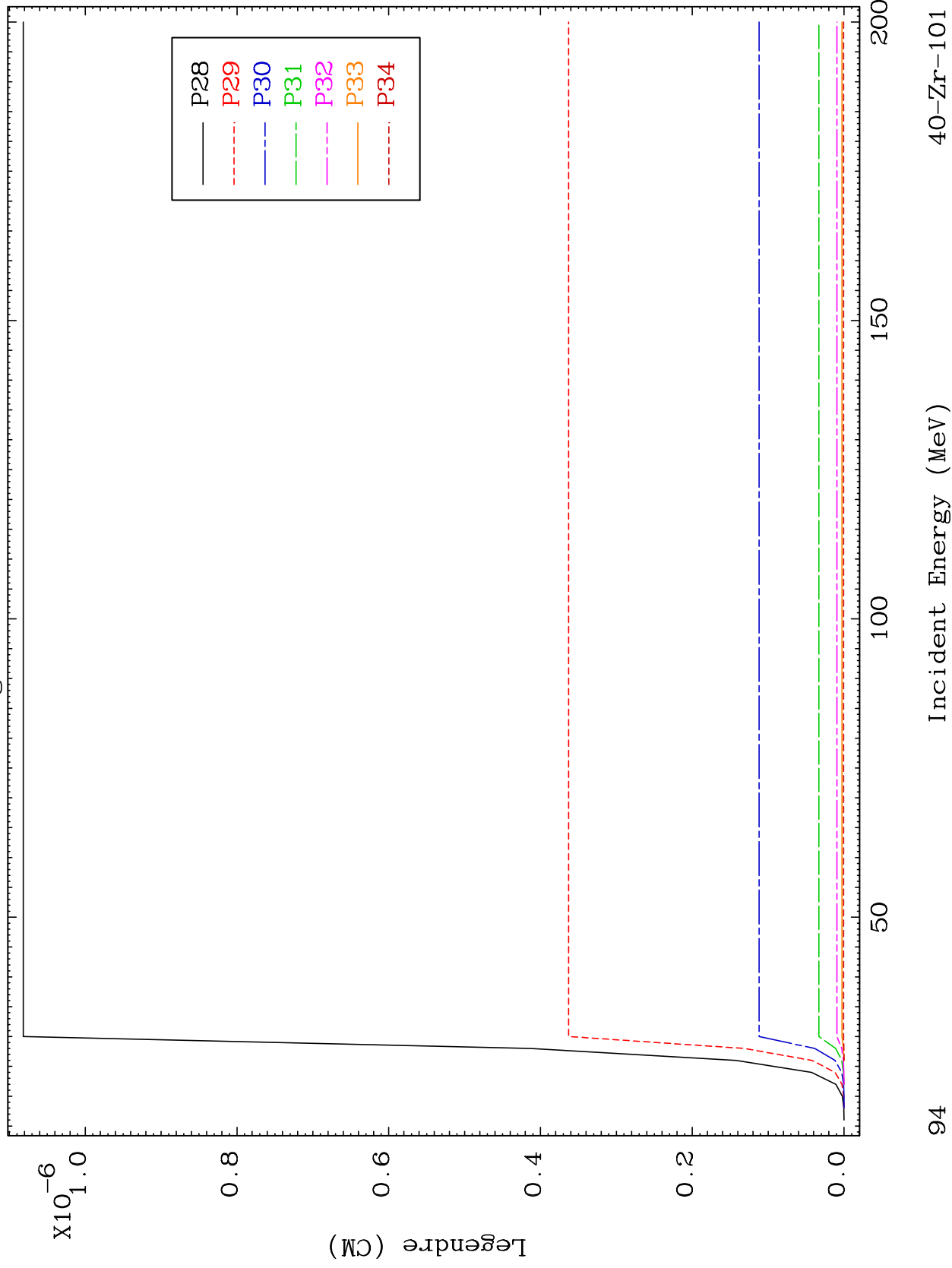
93

40-Zr-101

MAT 4058

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

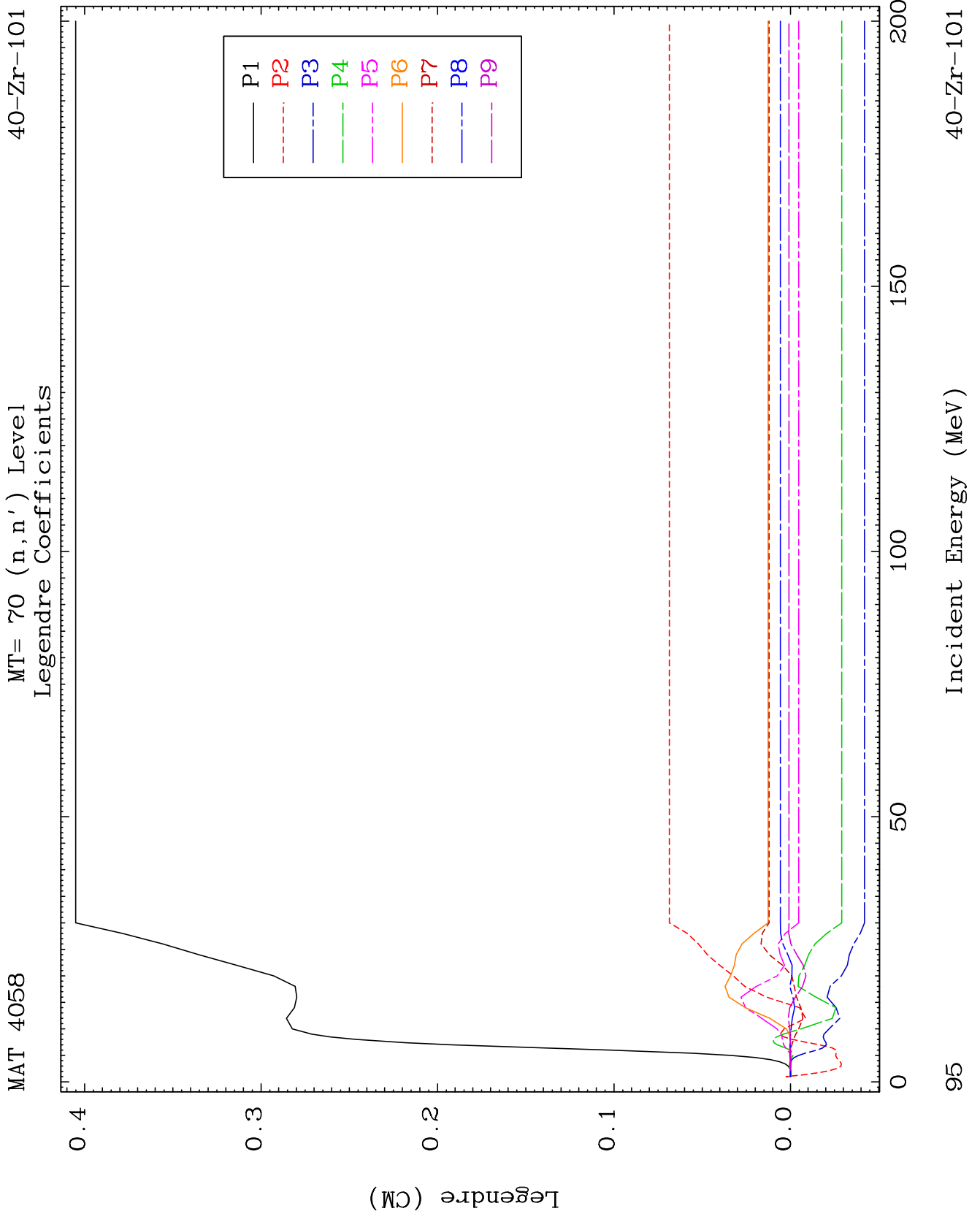
40-Zr-101



94

Incident Energy (MeV)

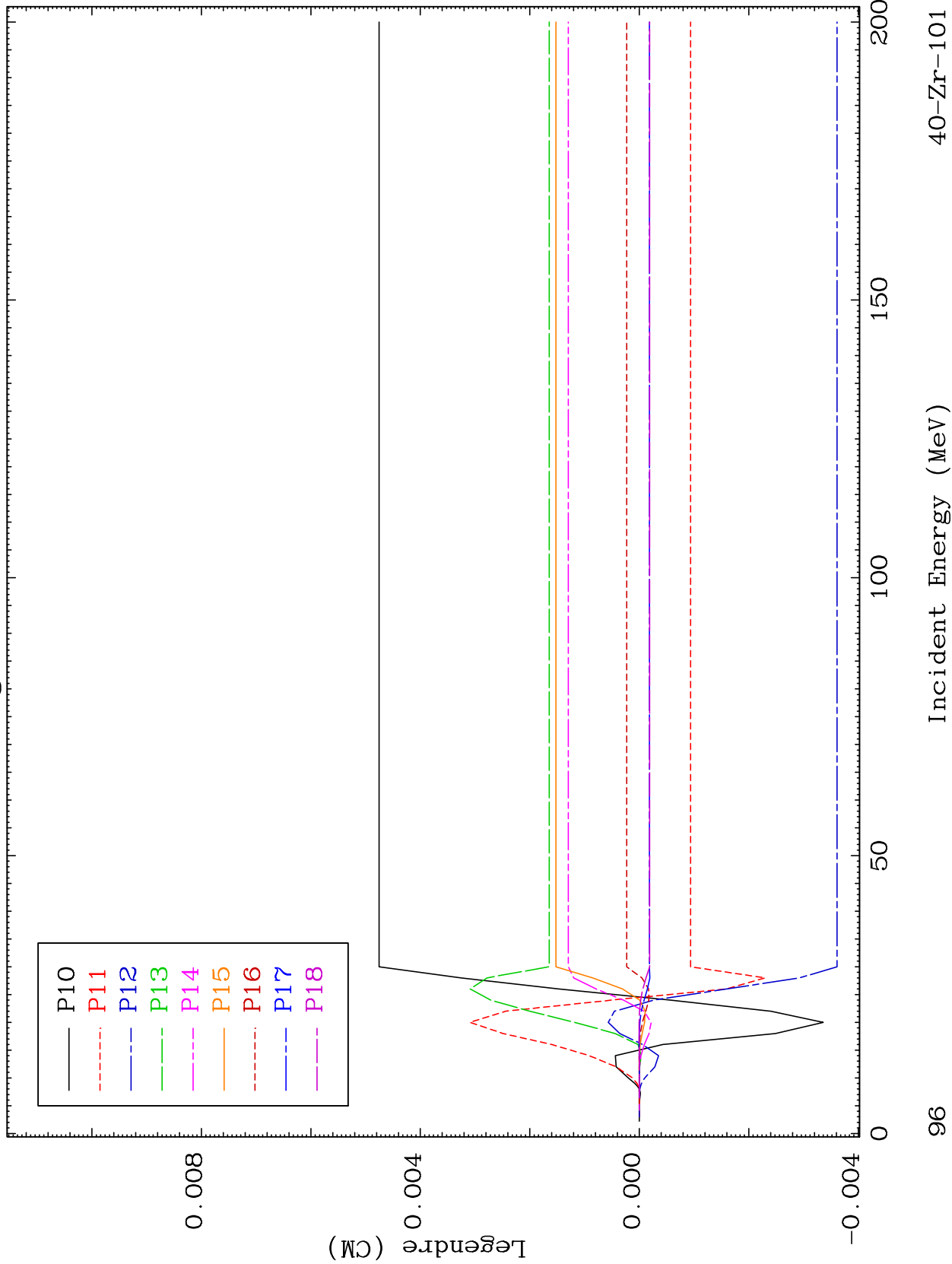
40-Zr-101



MAT 4058

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

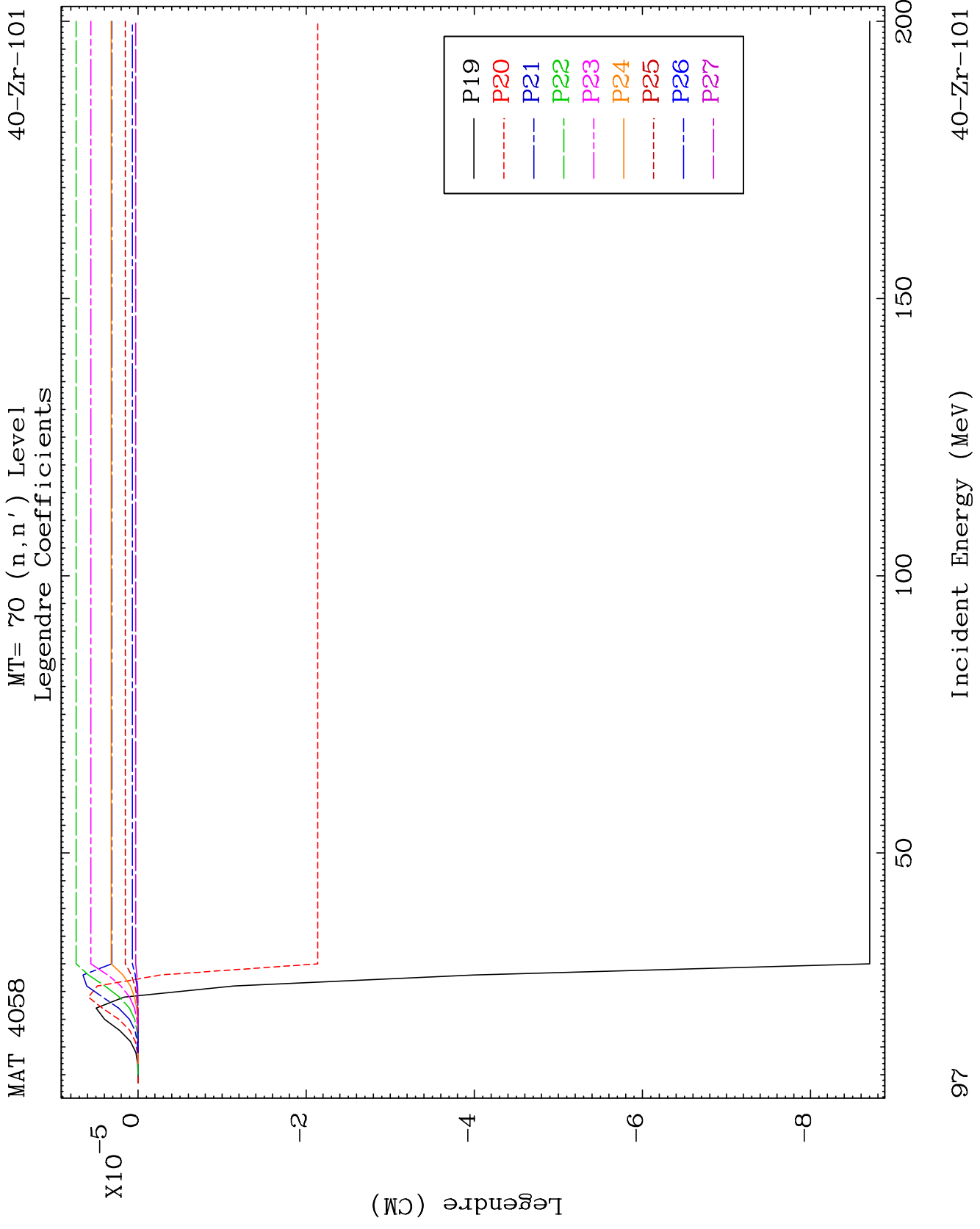
40-Zr-101



96

Incident Energy (MeV)

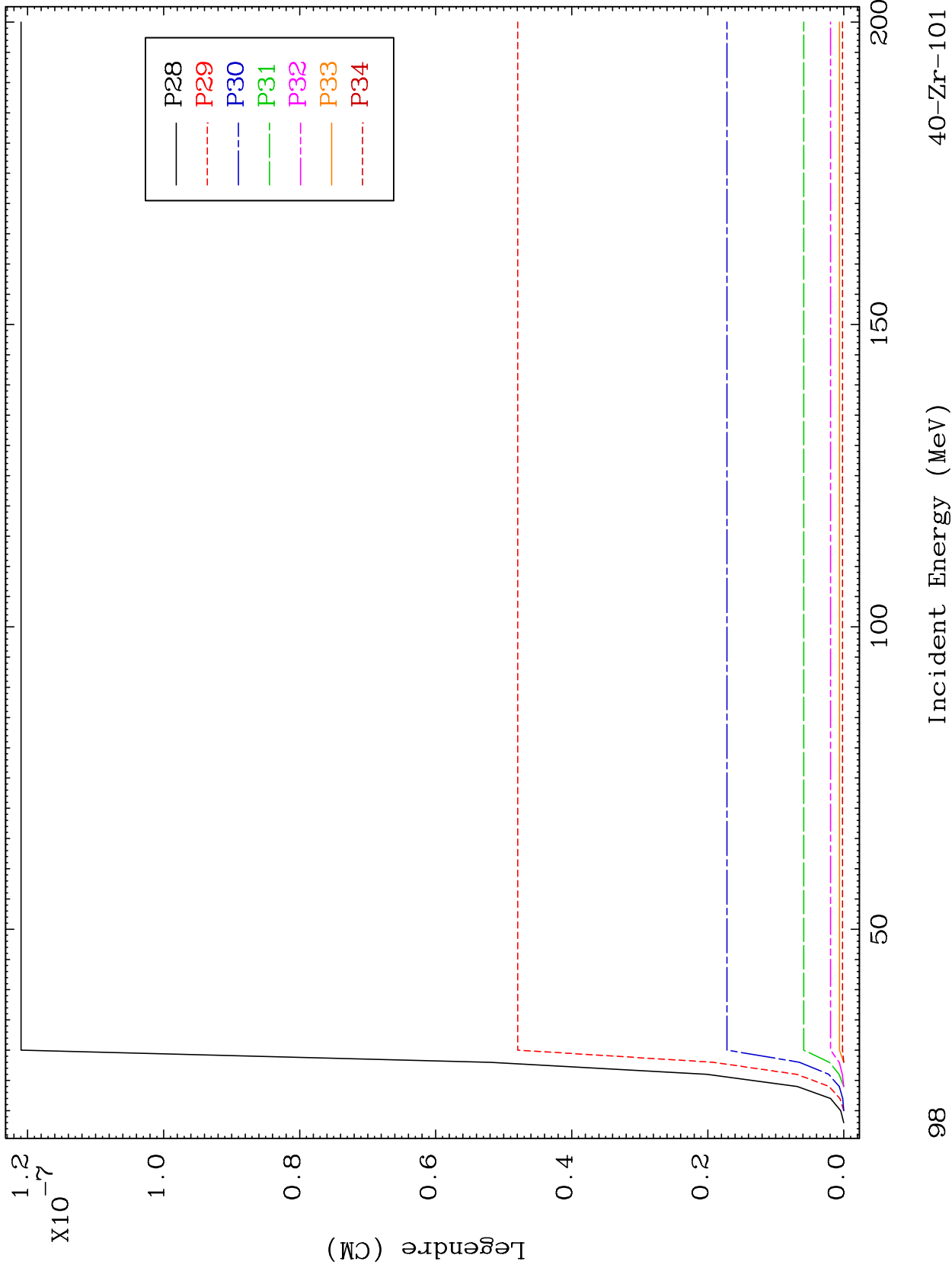
40-Zr-101

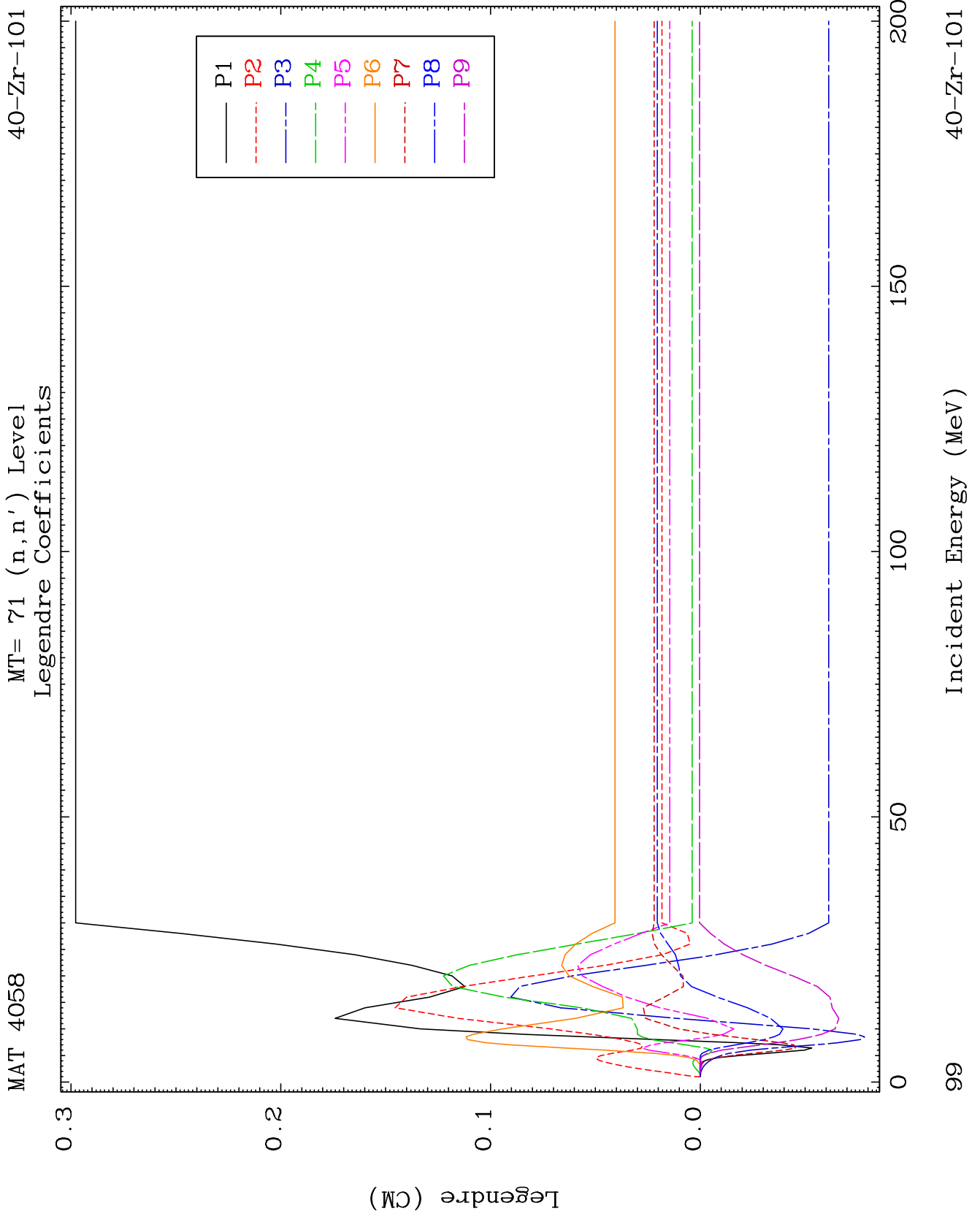


MAT 4058

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

40-Zr-101

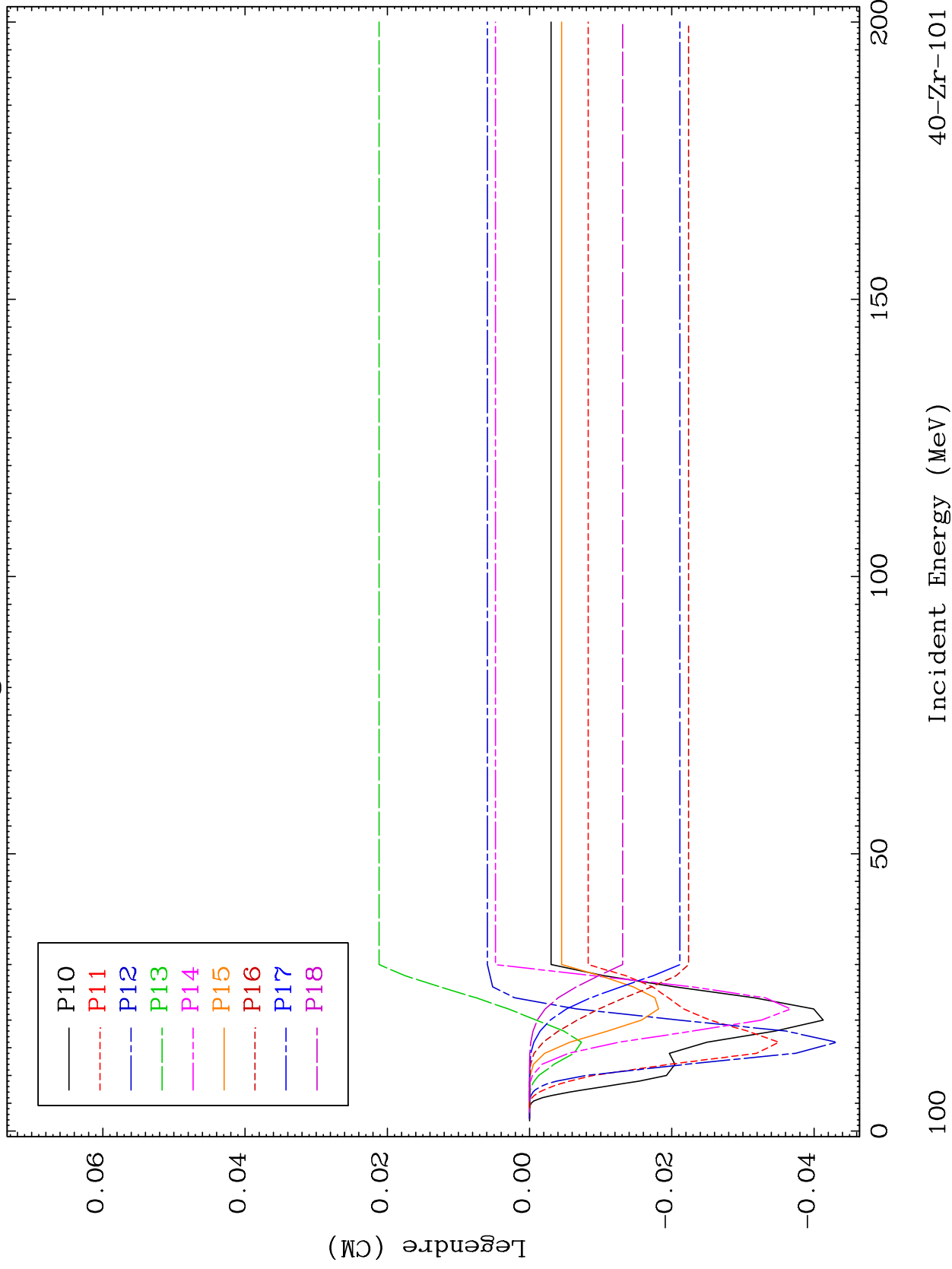


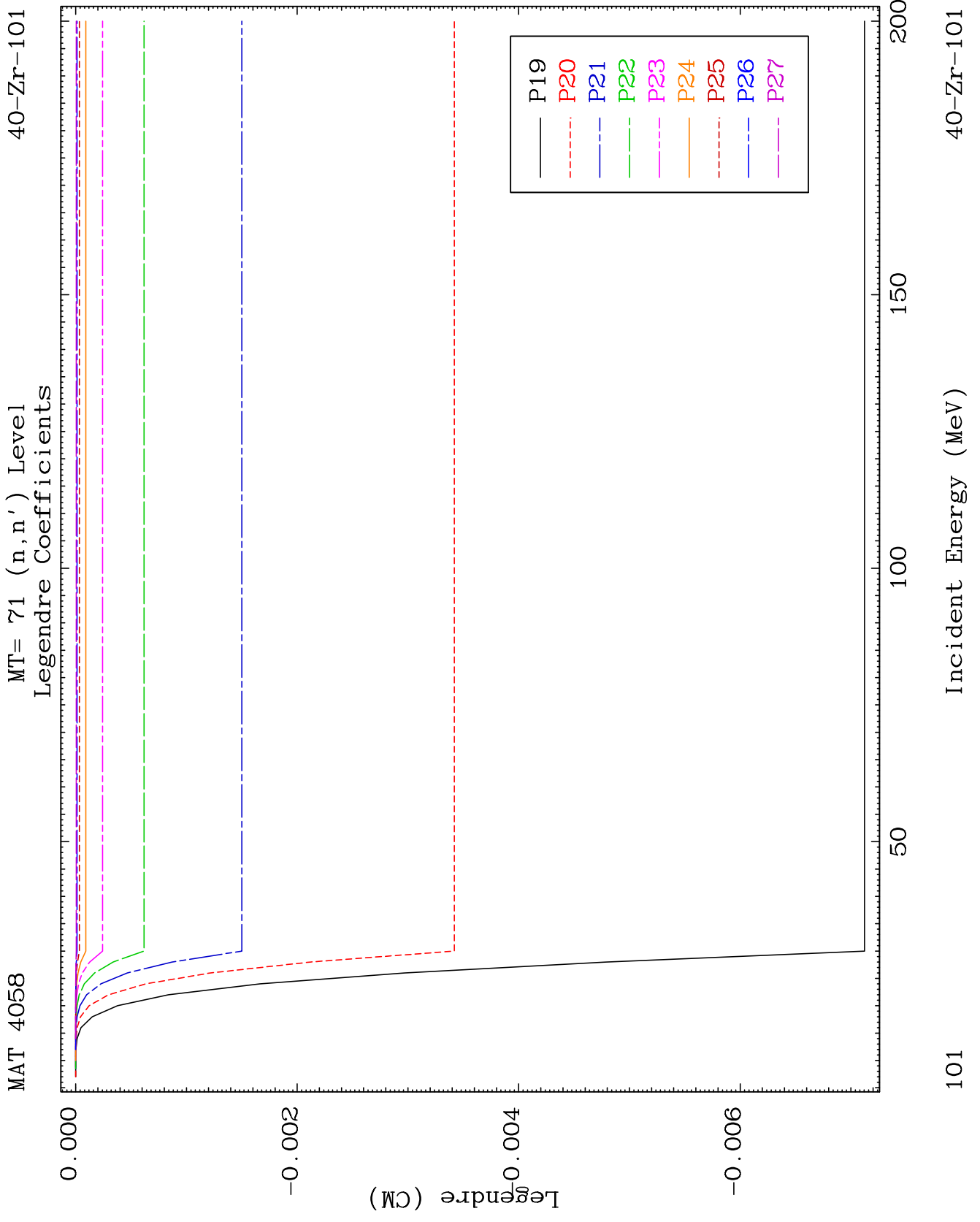


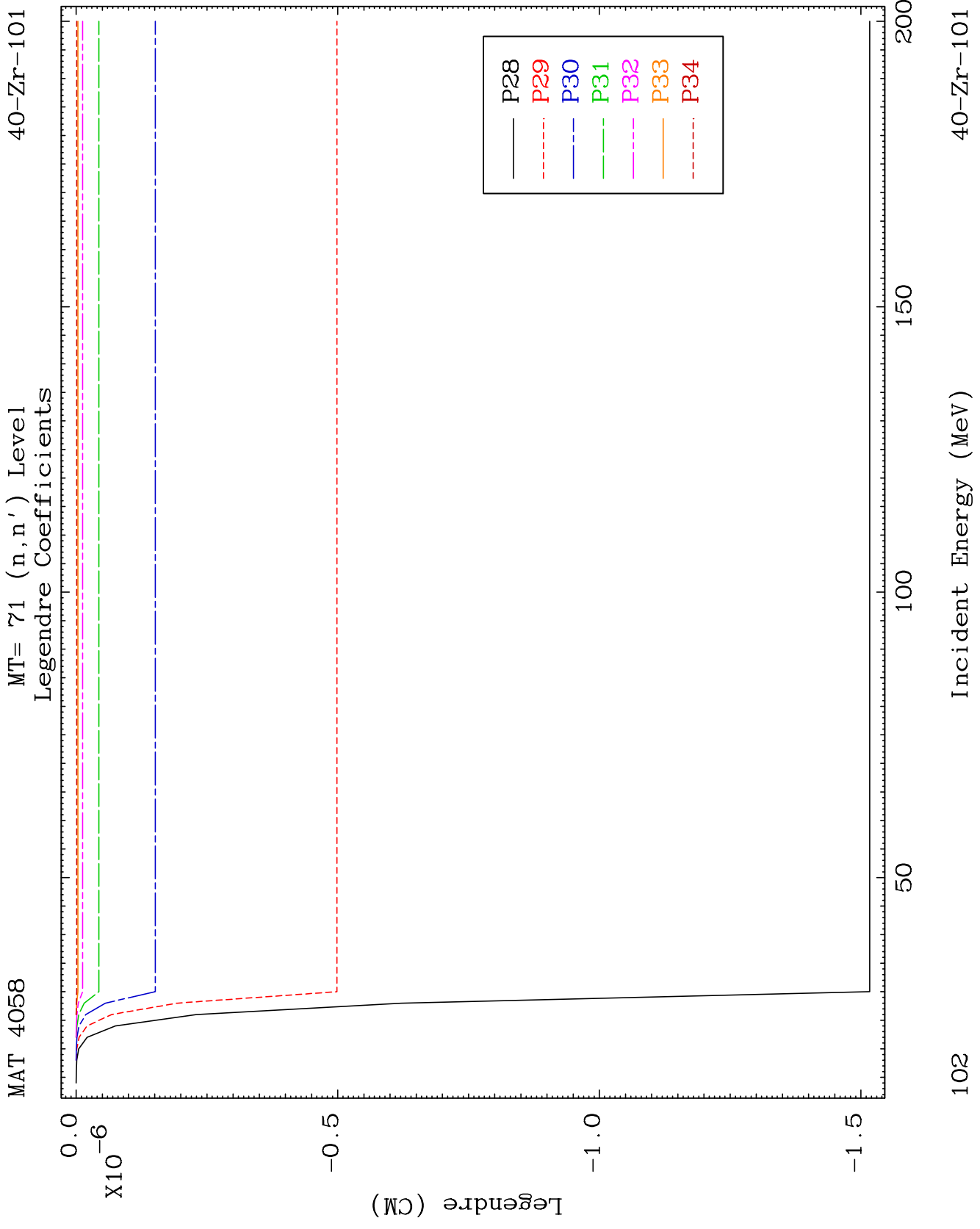
MAT 4058

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

40-Zr-101



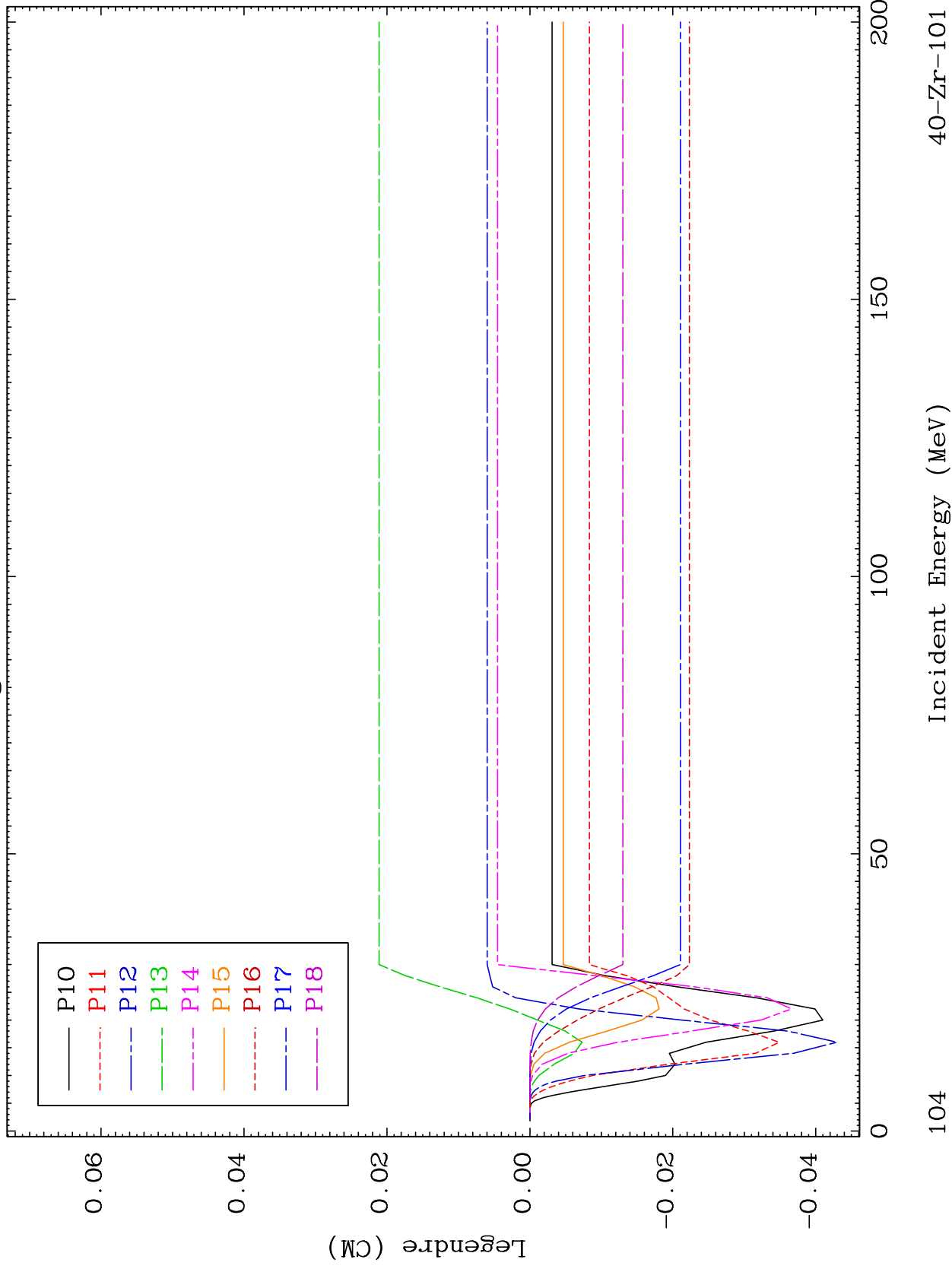




MAT 4058

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

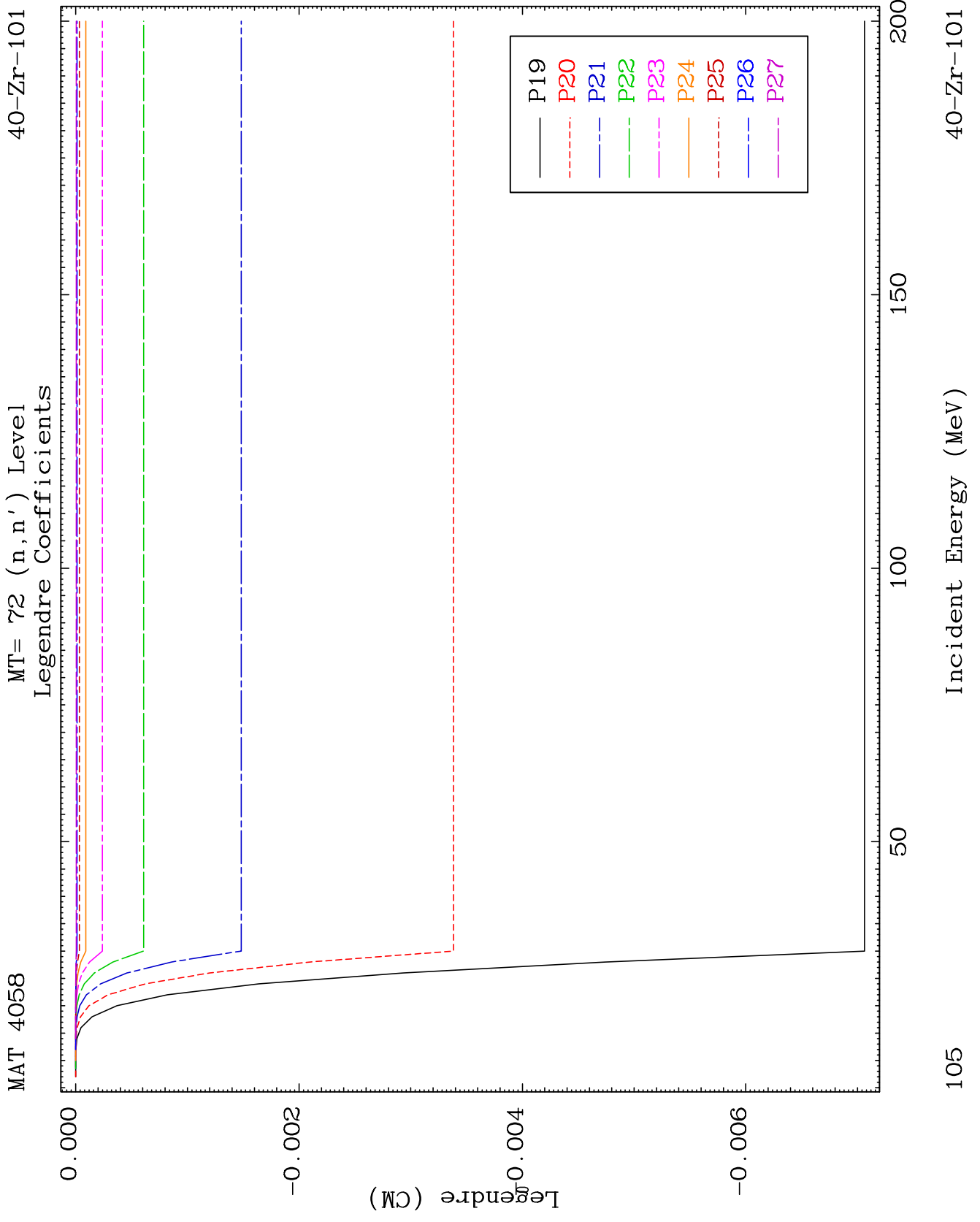
40-Zr-101

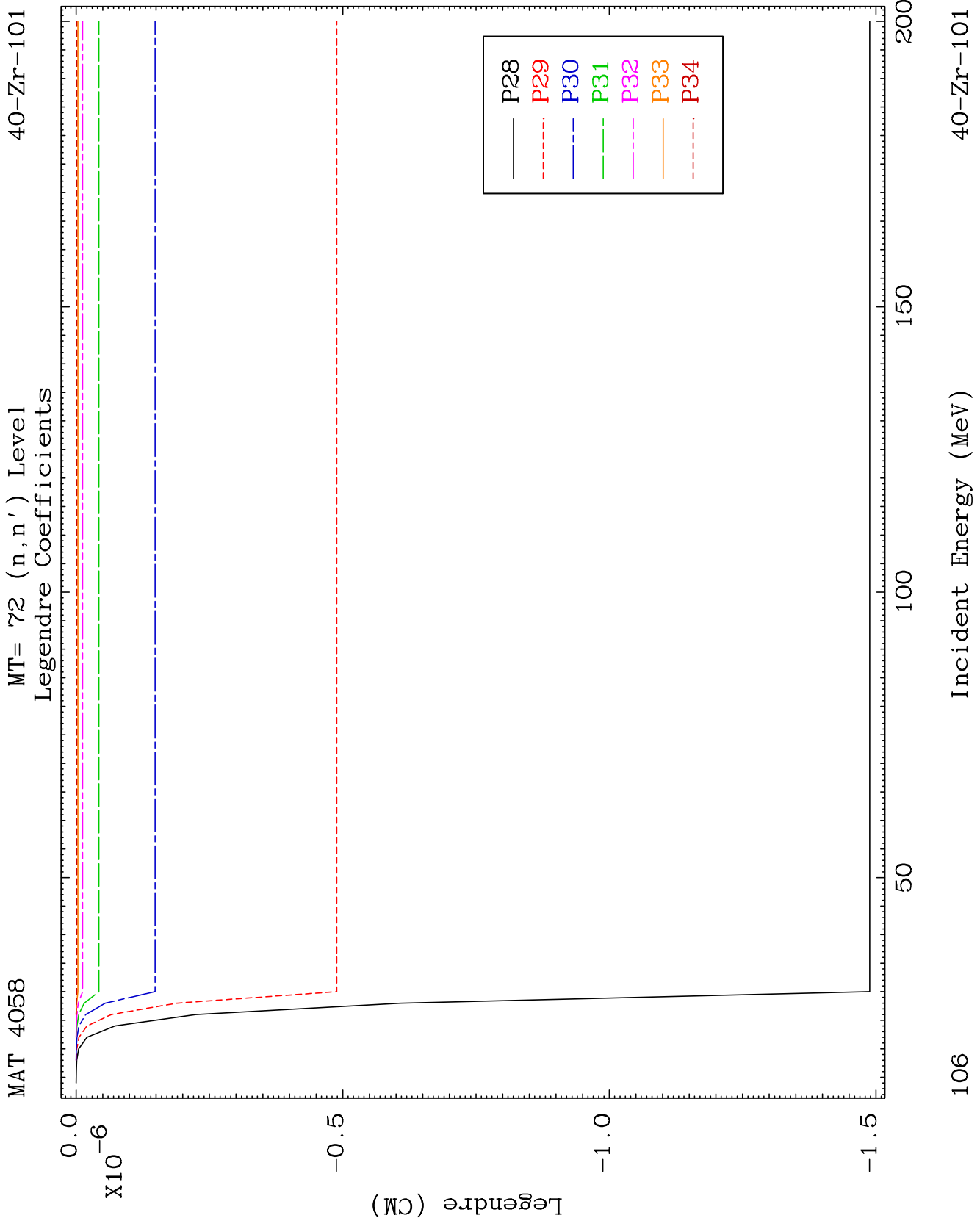


104

Incident Energy (MeV)

40-Zr-101

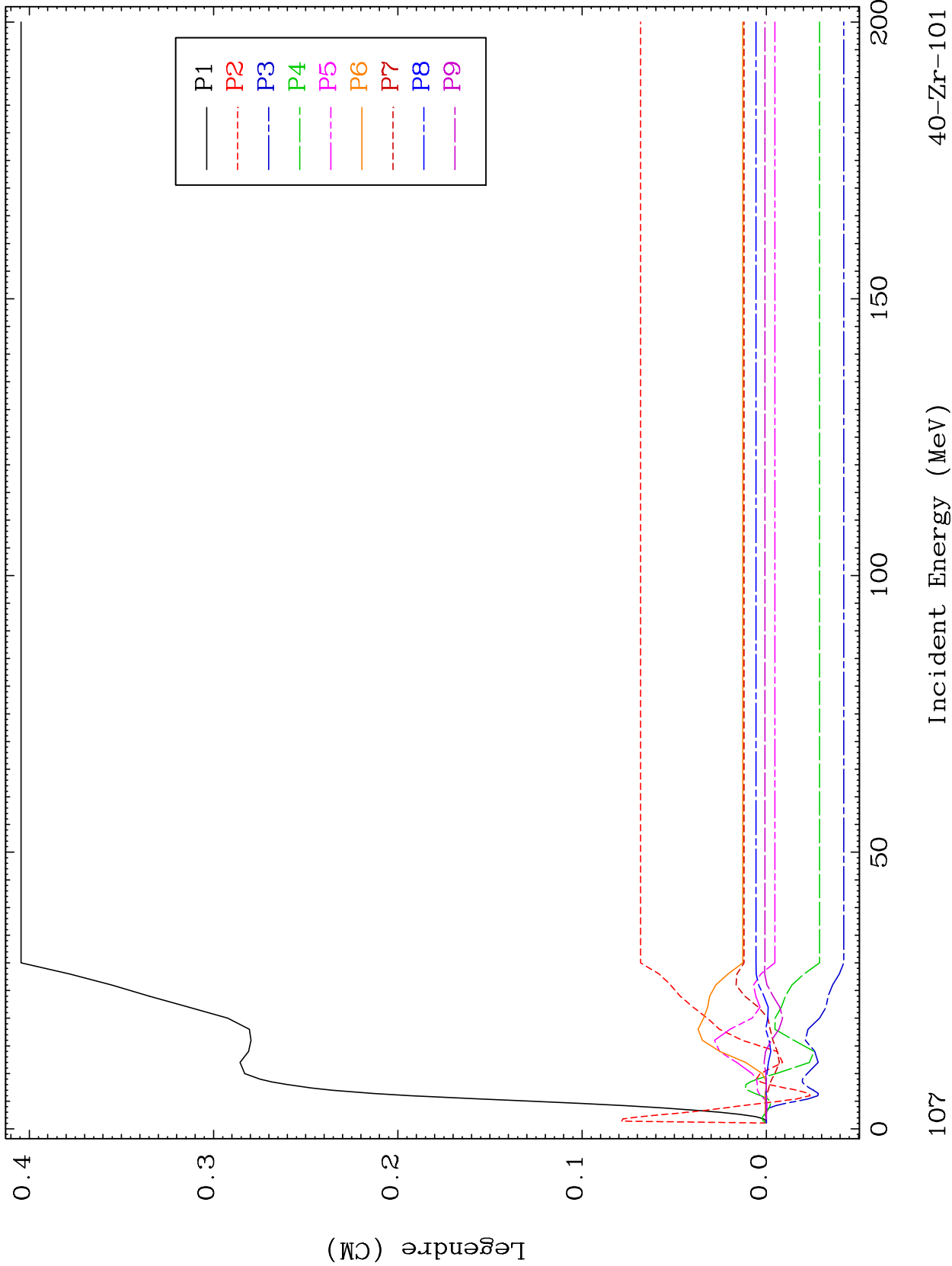




MAT 4058

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

40-Zr-101



107

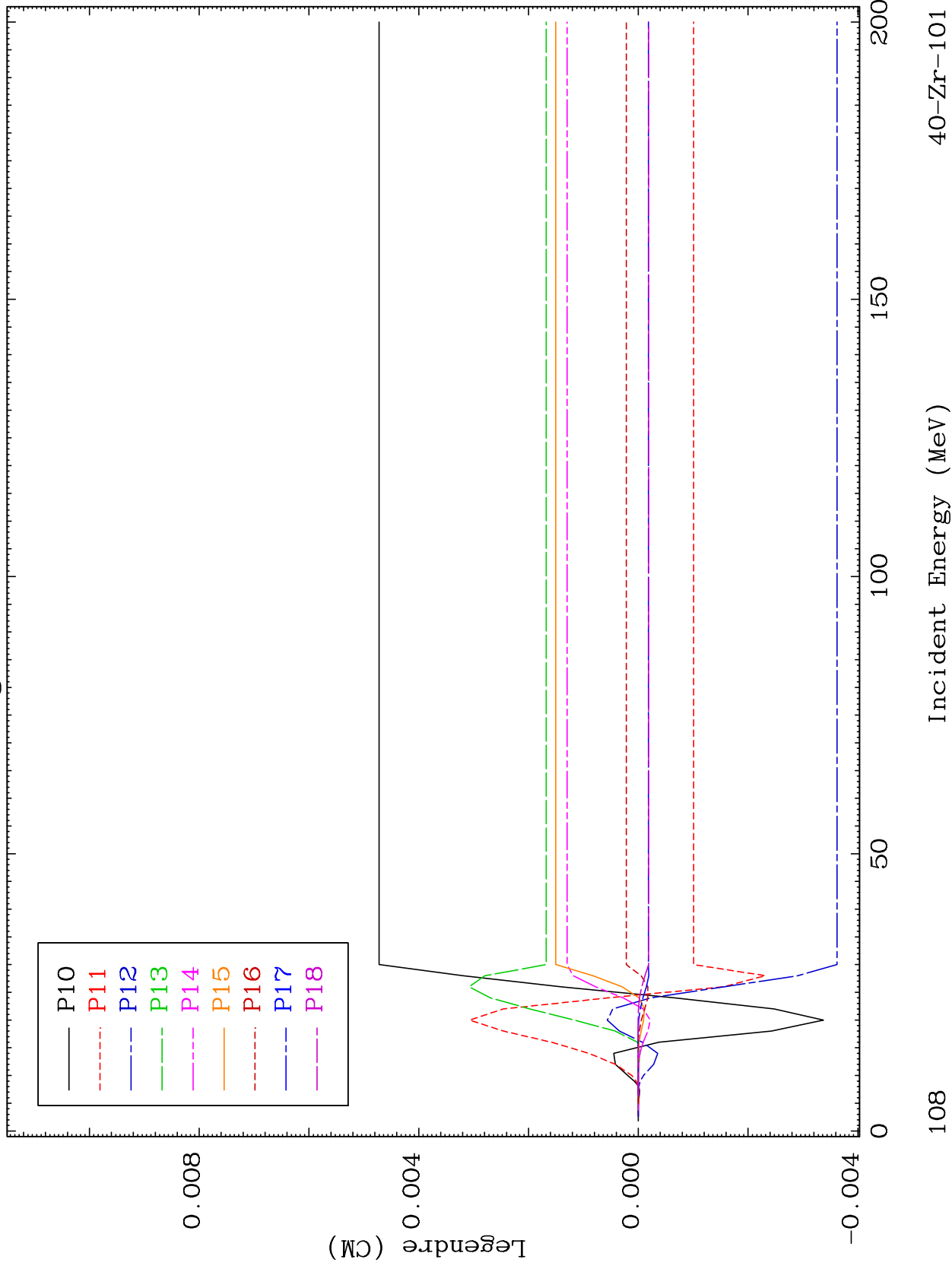
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

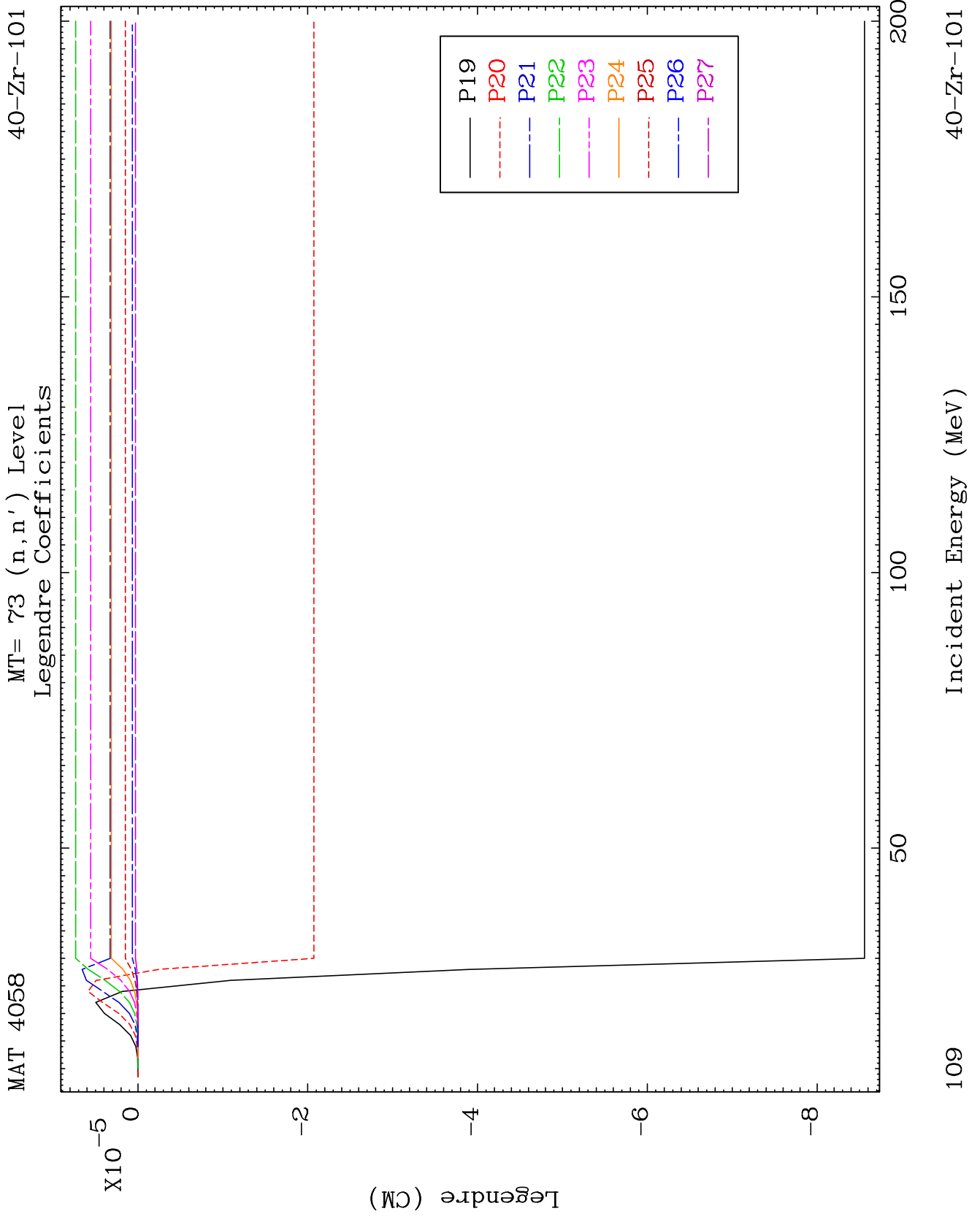
40-Zr-101

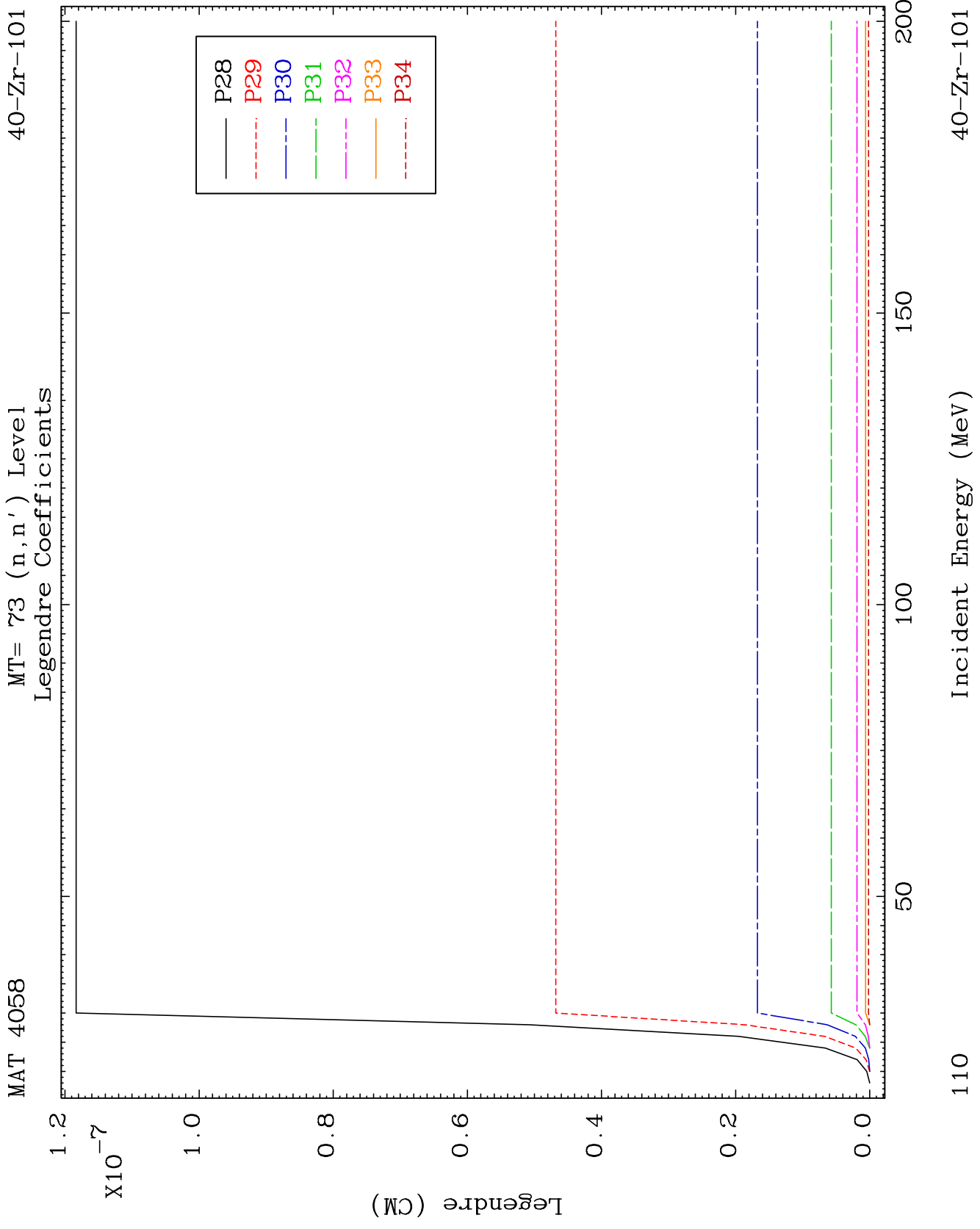


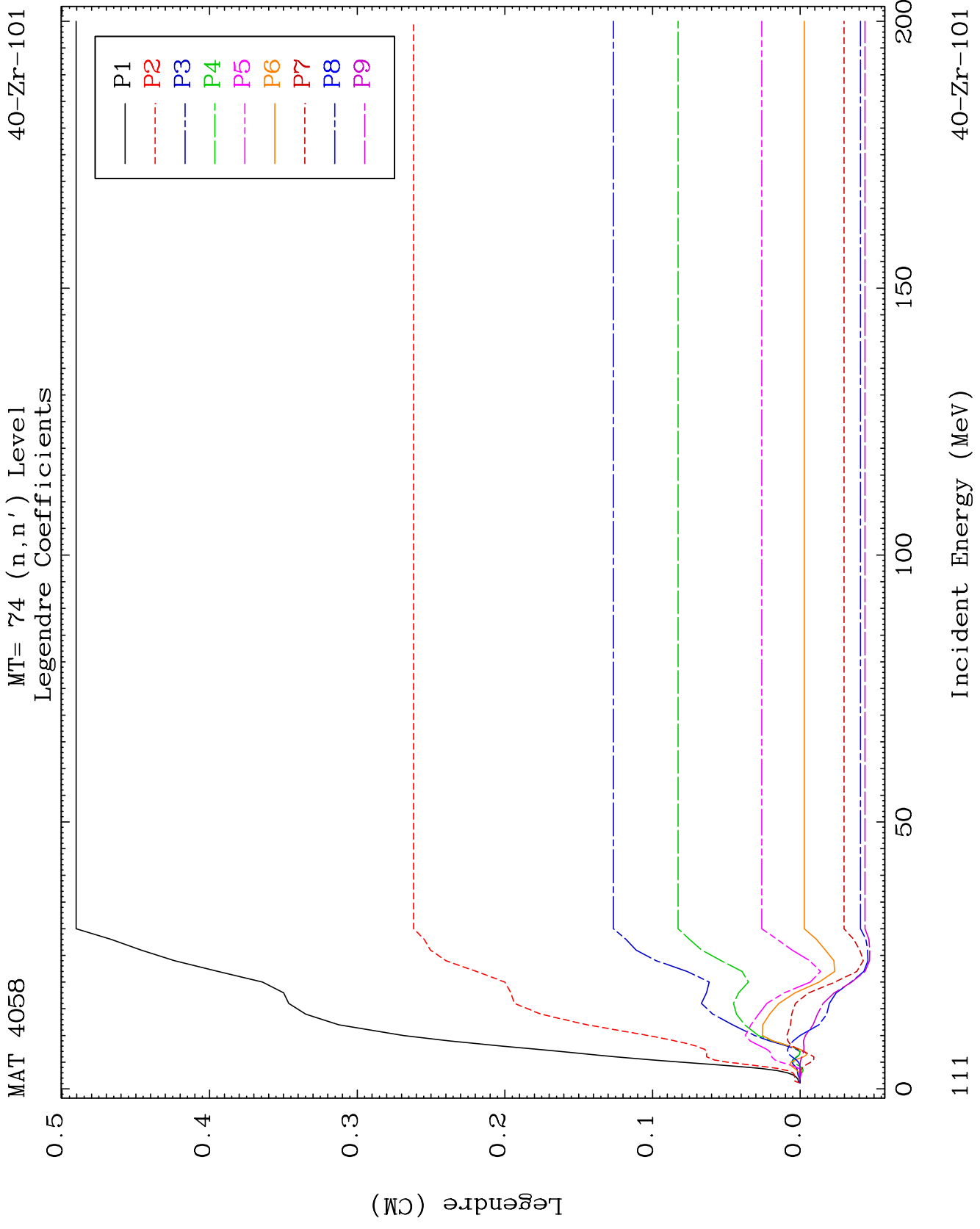
40-Zr-101

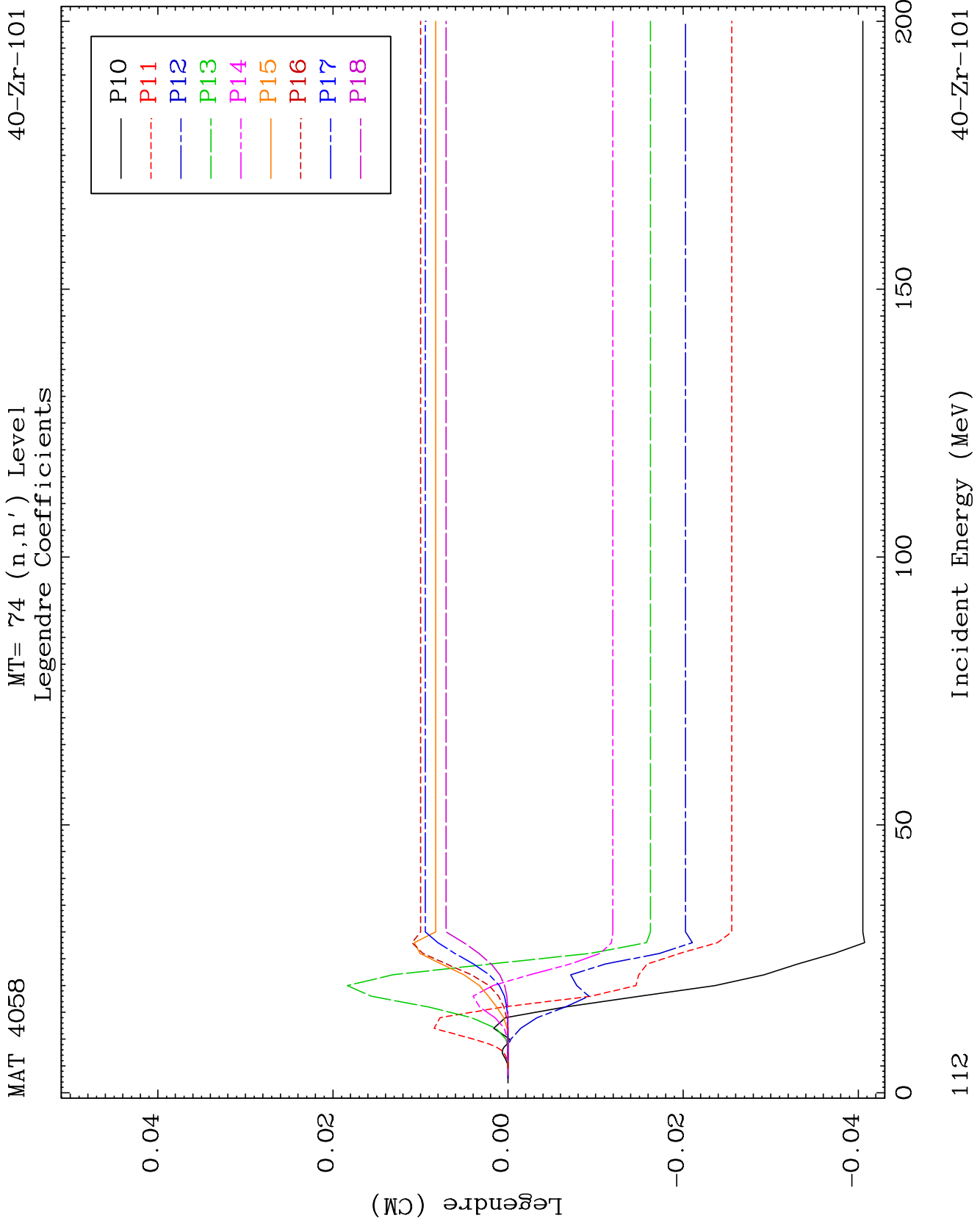
Incident Energy (MeV)

108





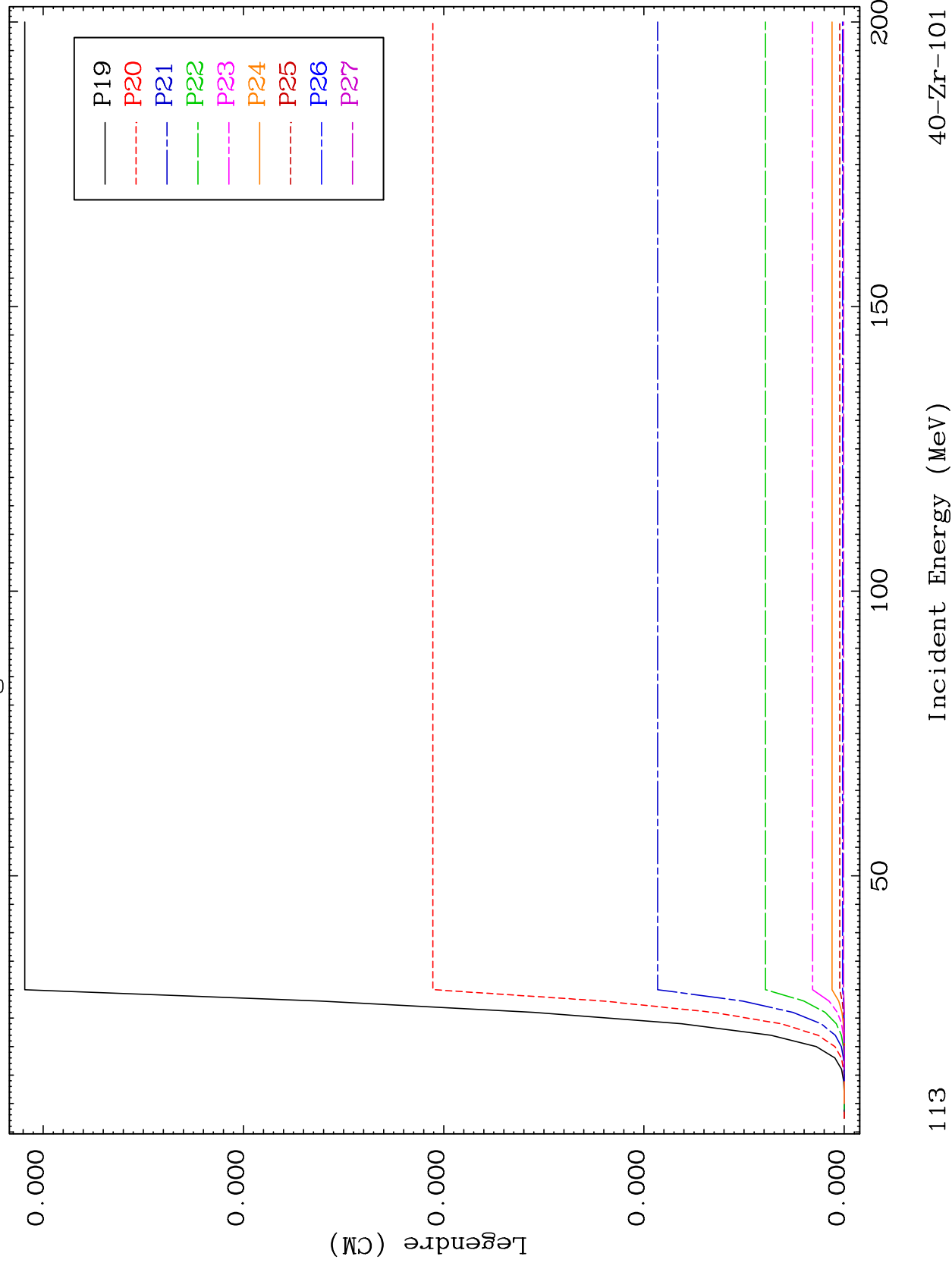




MAT 4058

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

40-Zr-101



113

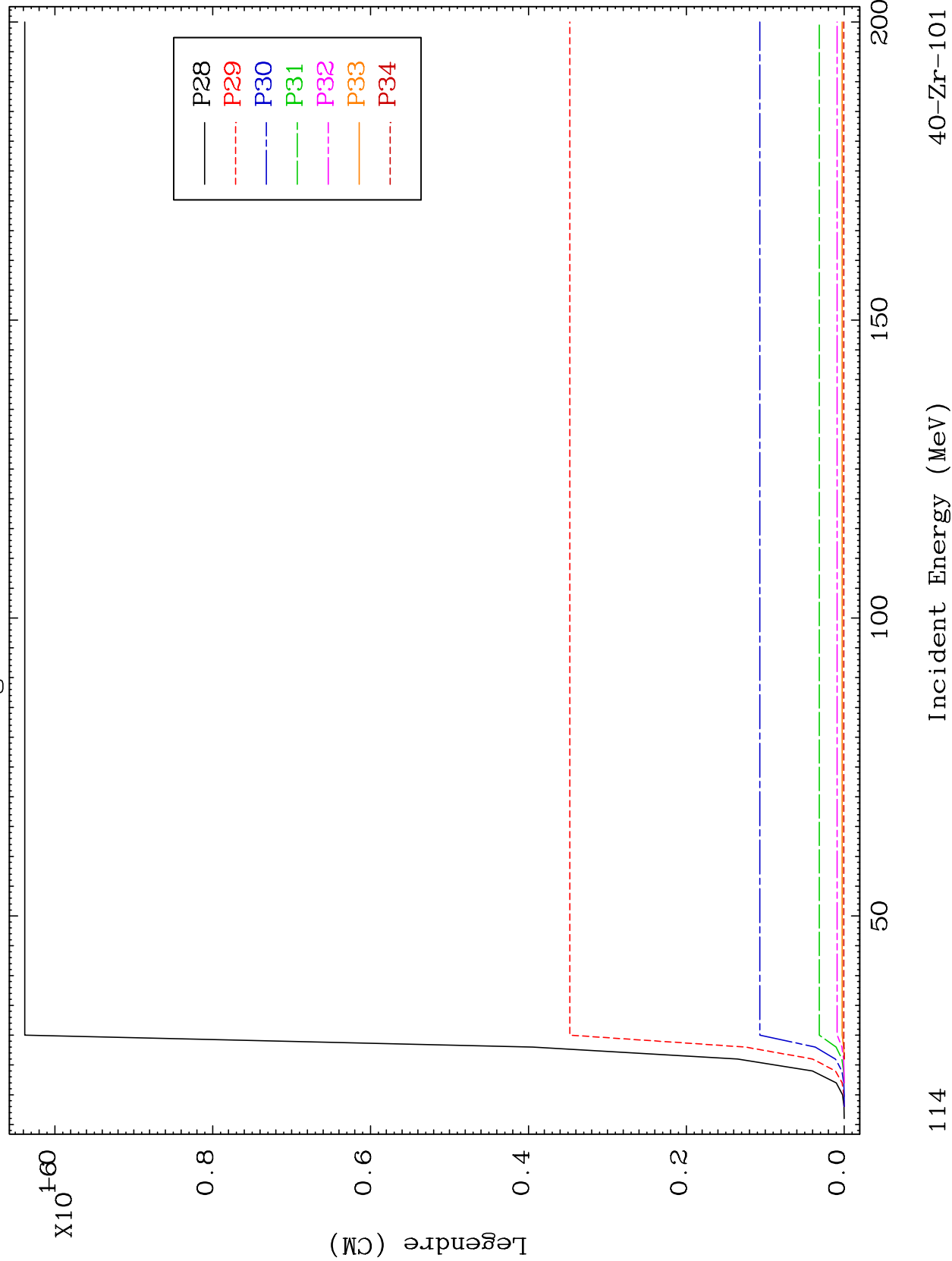
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

40-Zr-101



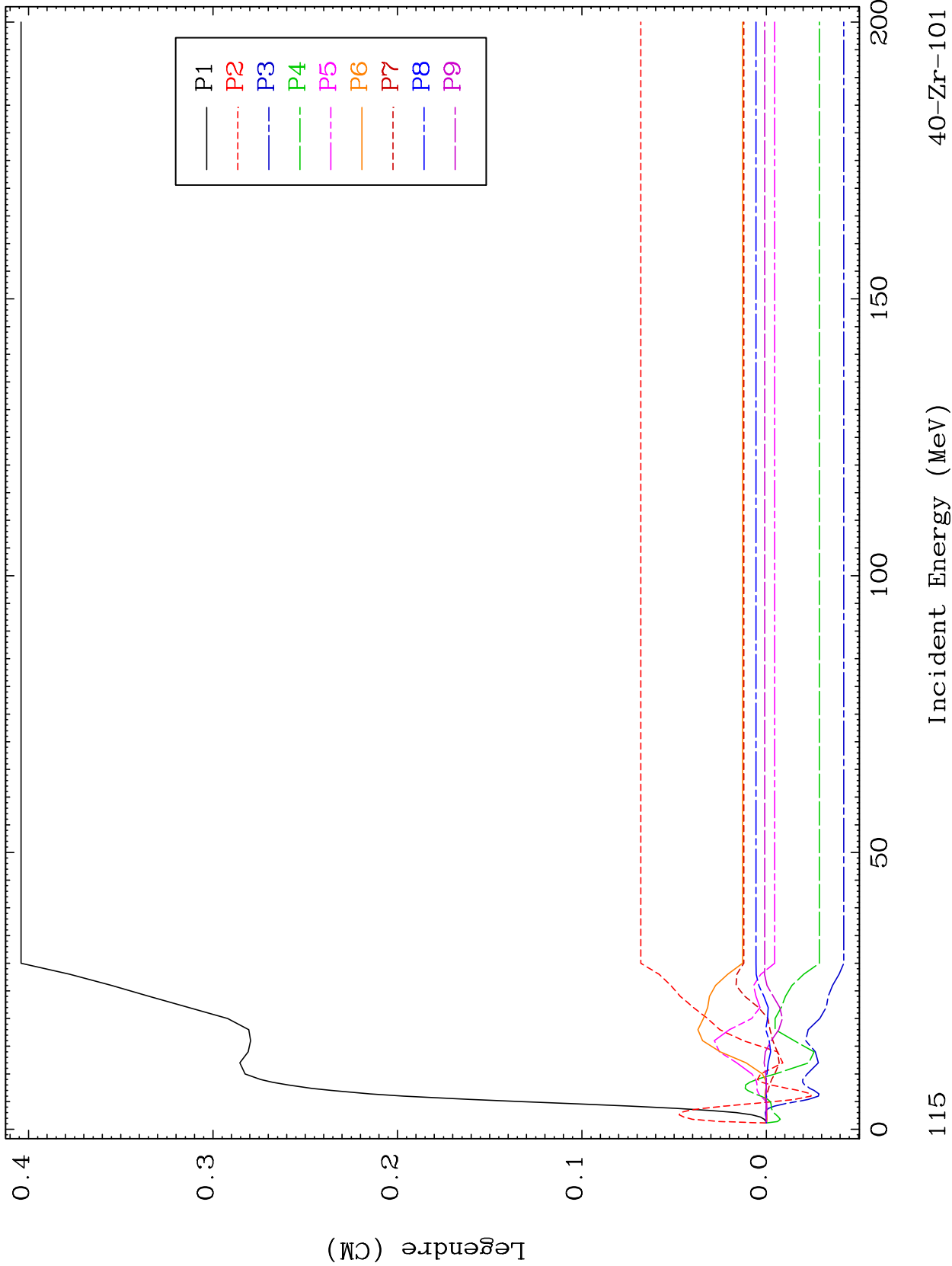
114

40-Zr-101

MAT 4058

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

40-Zr-101



40-Zr-101

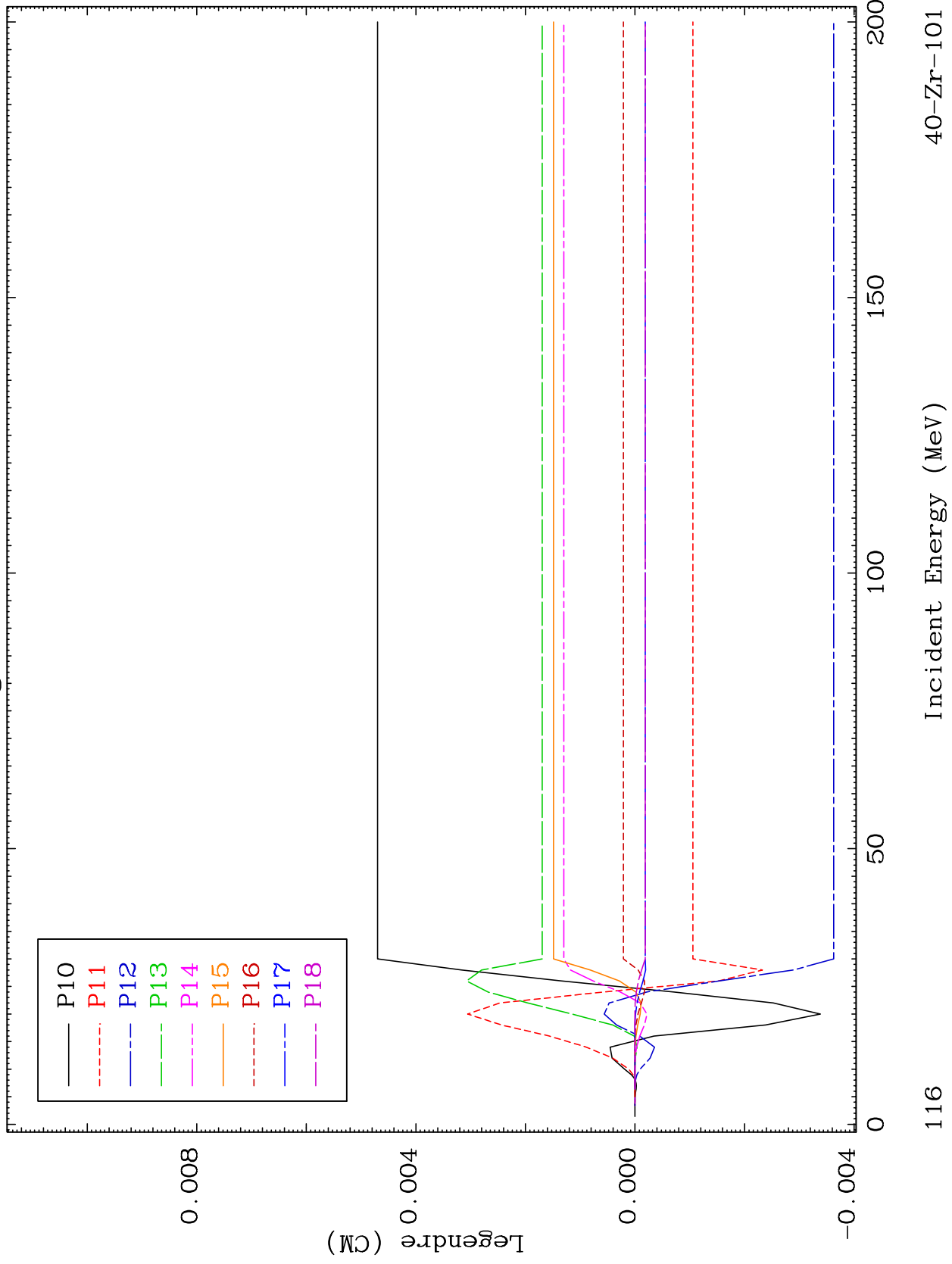
Incident Energy (MeV)

115

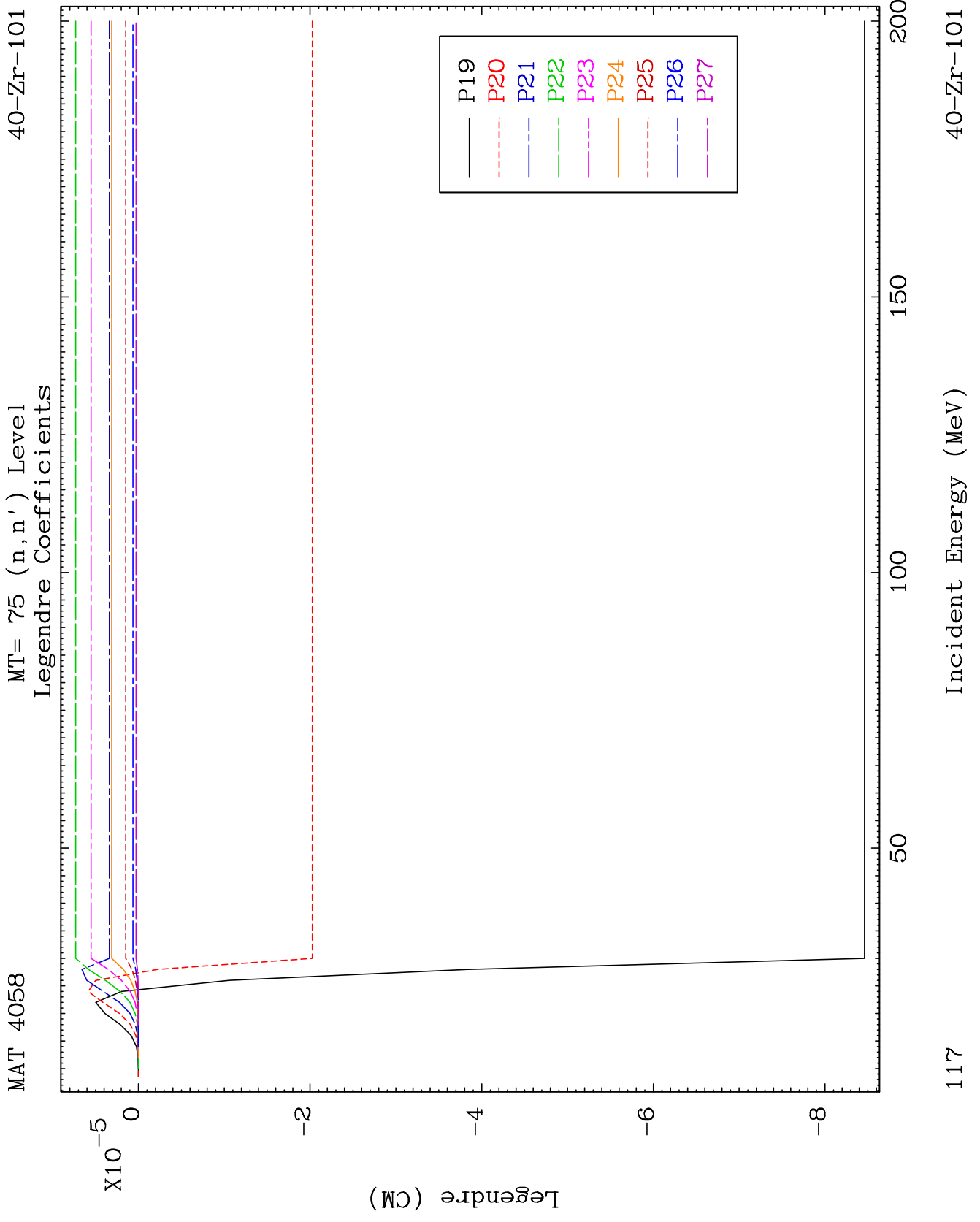
MAT 4058

40-Zr-101

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



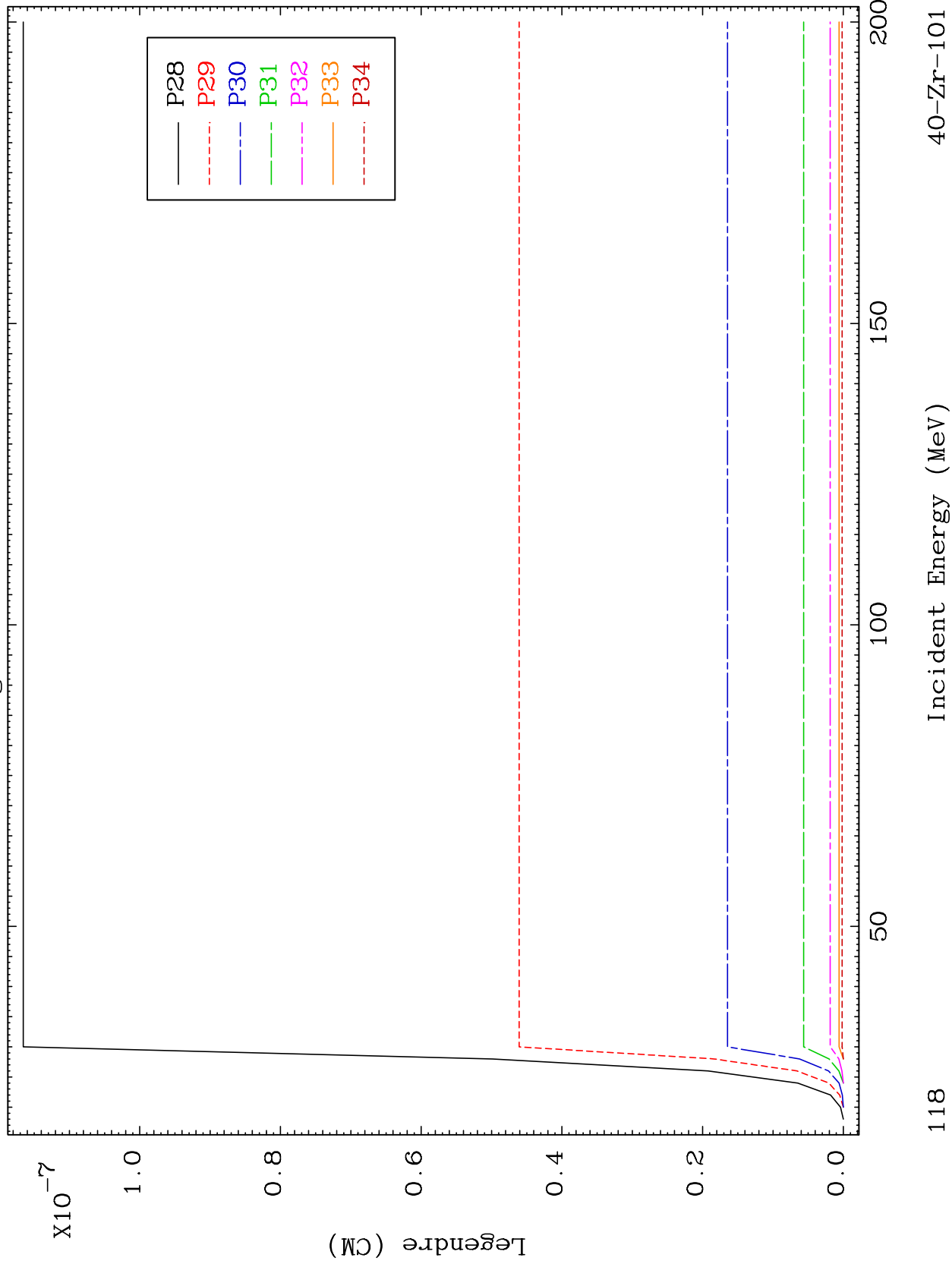
116



MAT 4058

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

40-Zr-101

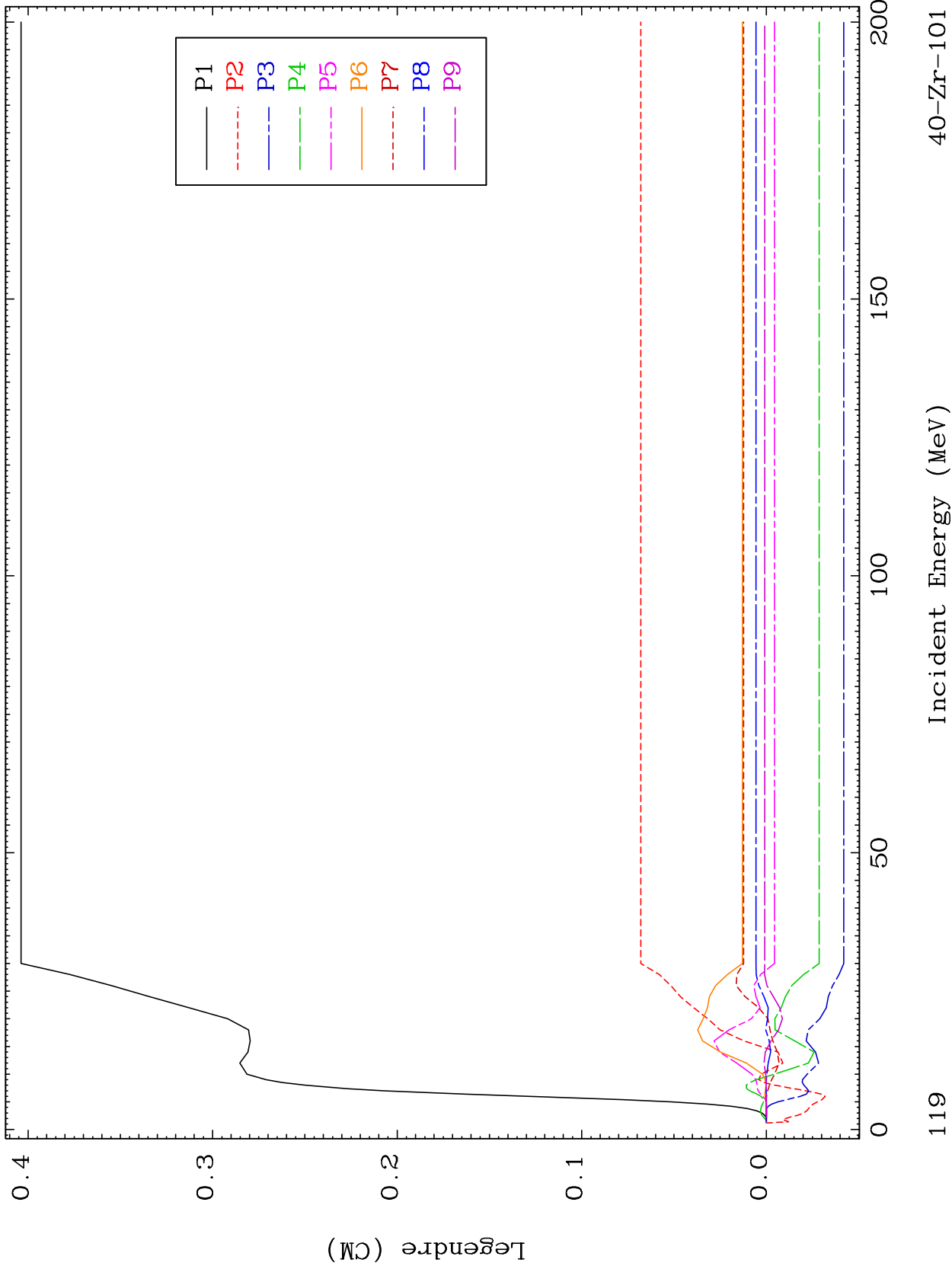


118

MAT 4058

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

40-Zr-101



119

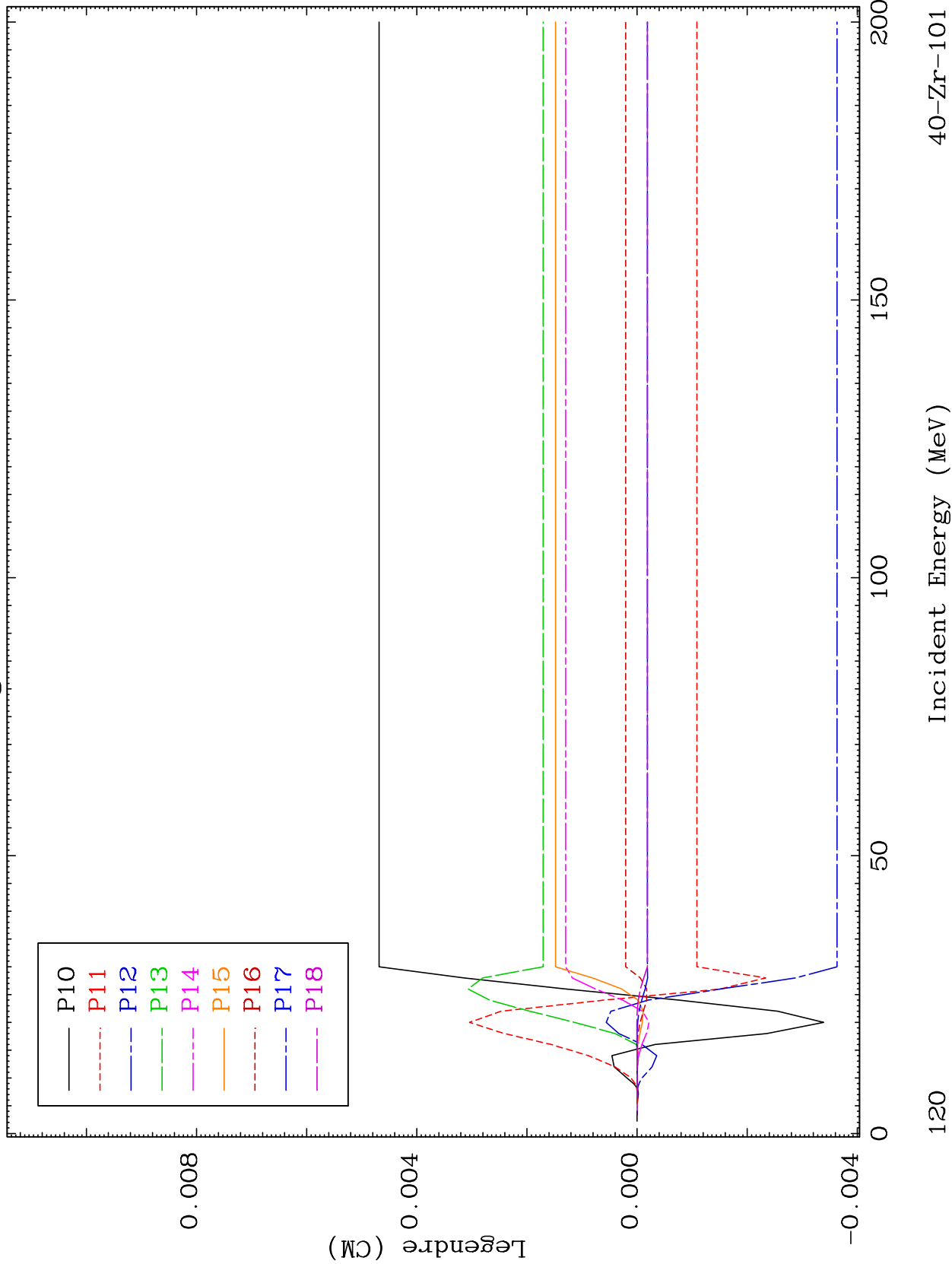
Incident Energy (MeV)

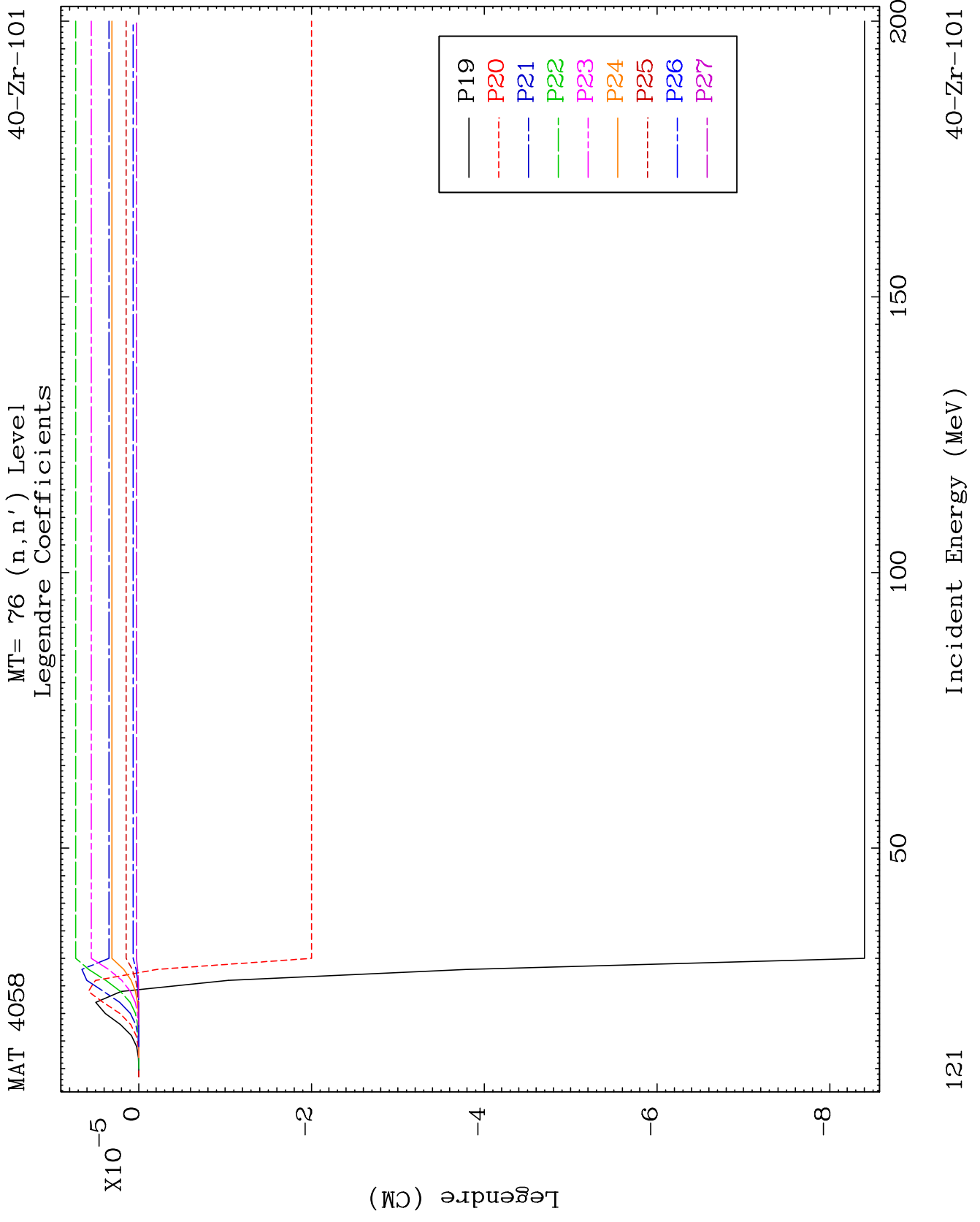
40-Zr-101

MAT 4058

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

40-Zr-101

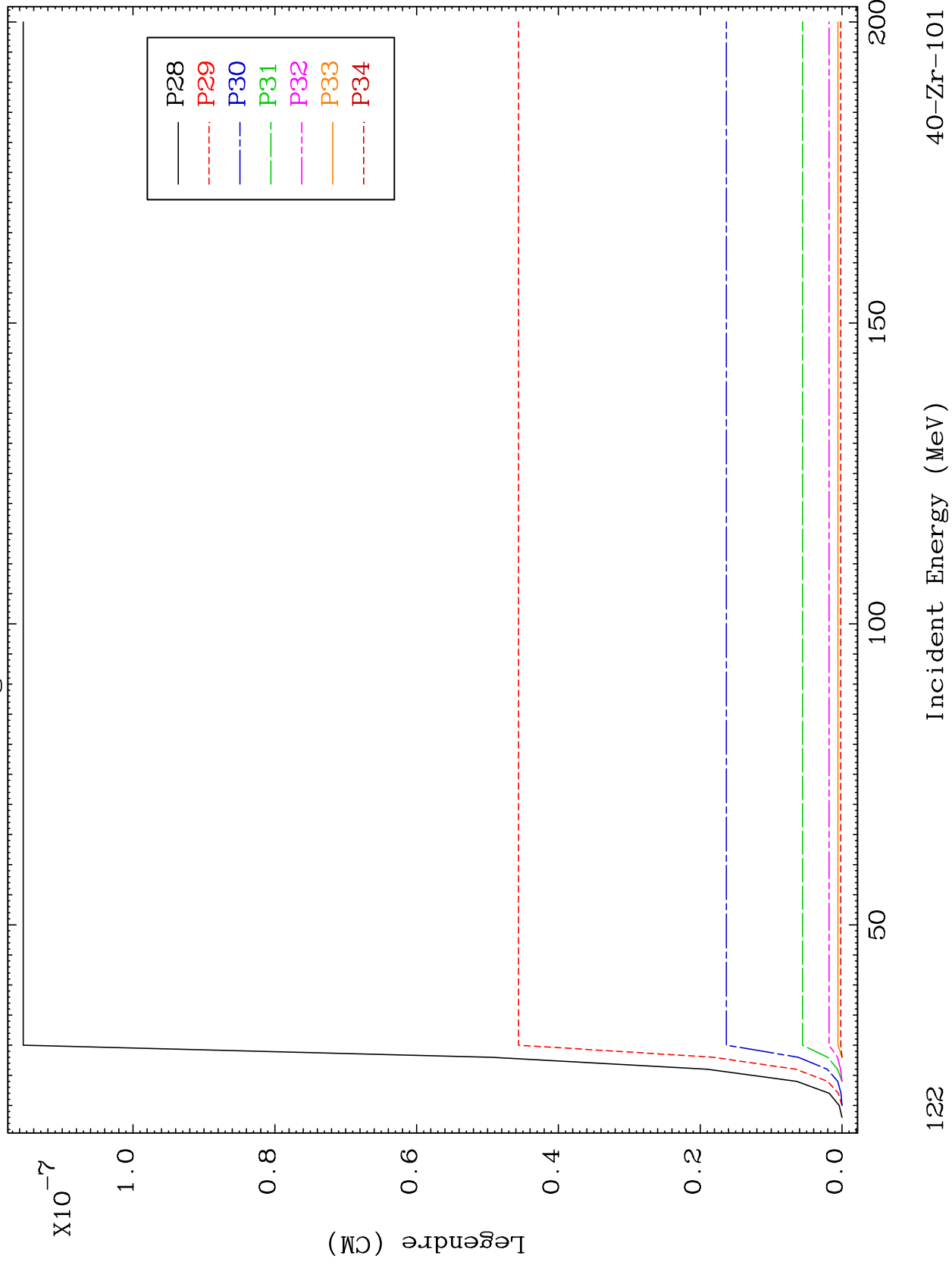




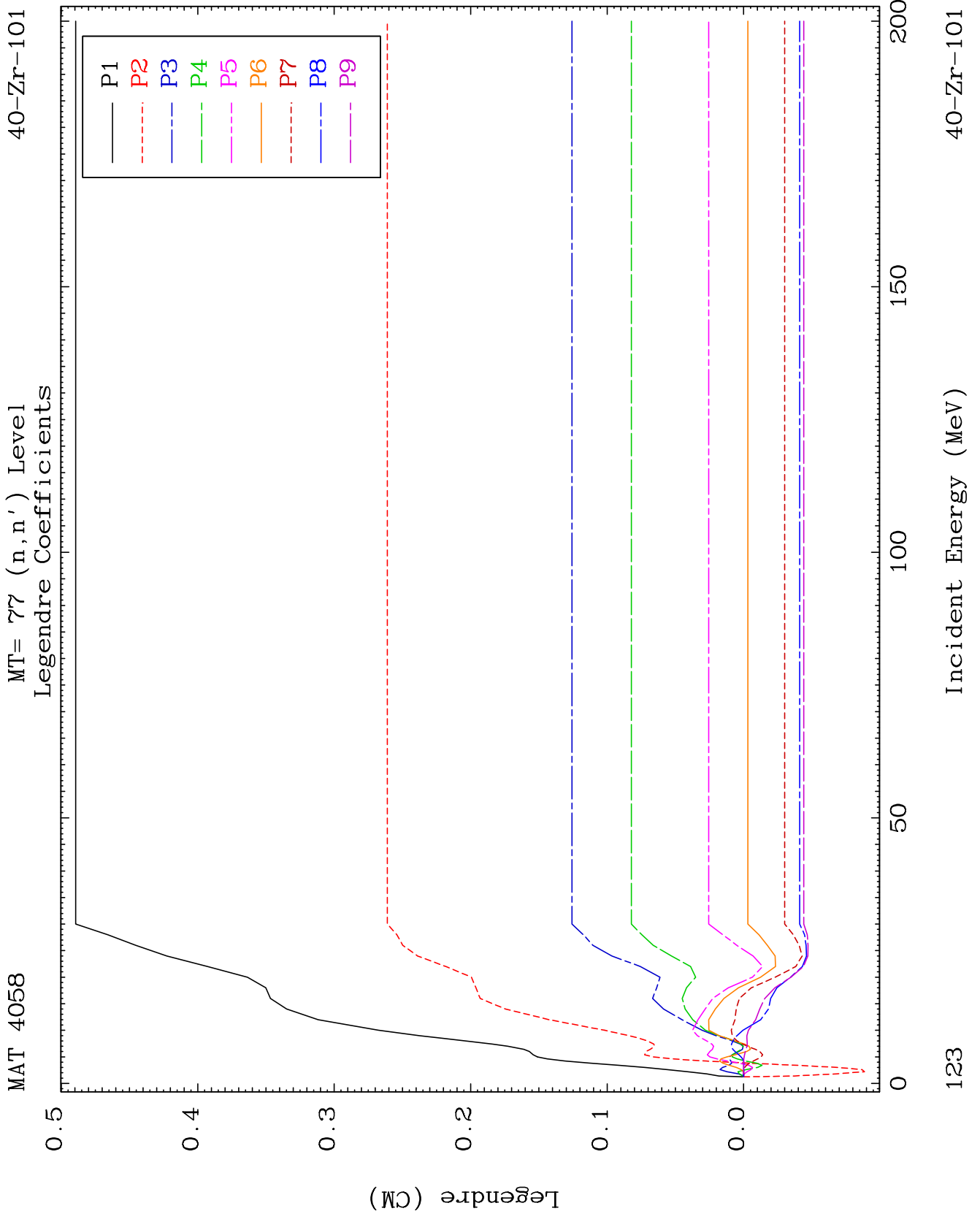
MAT 4058

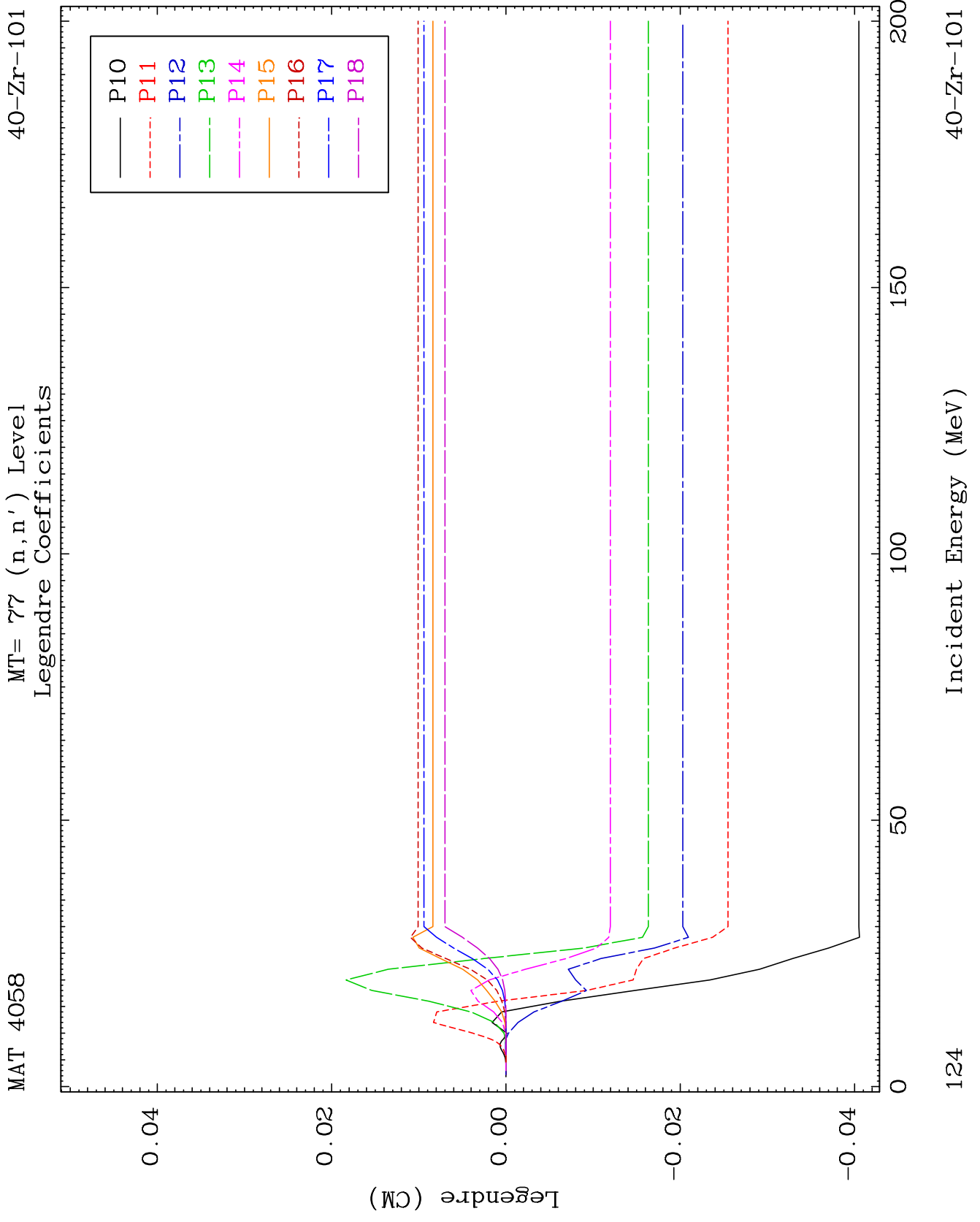
MT= 76 (n,n') Level
Legendre Coefficients

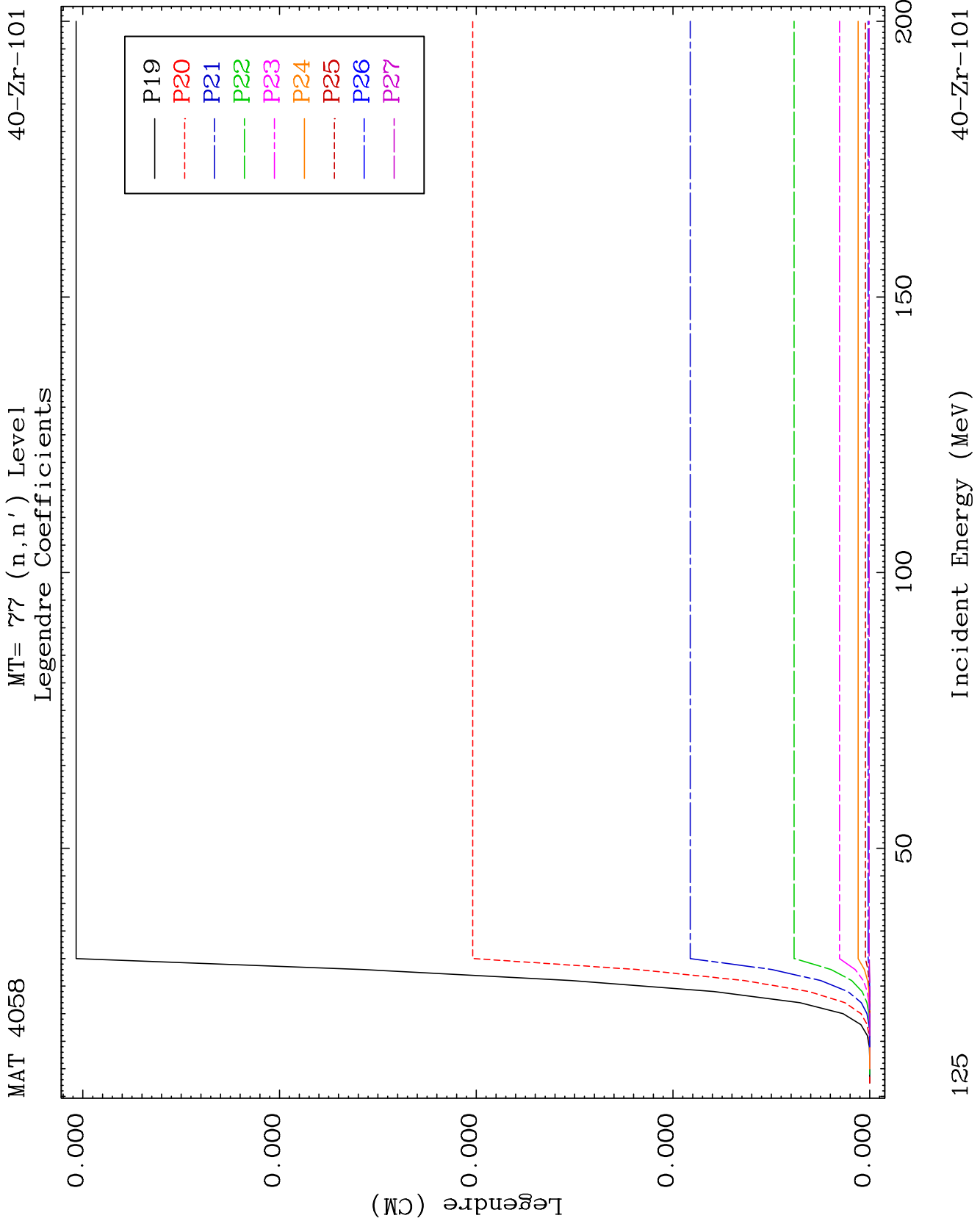
40-Zr-101



122



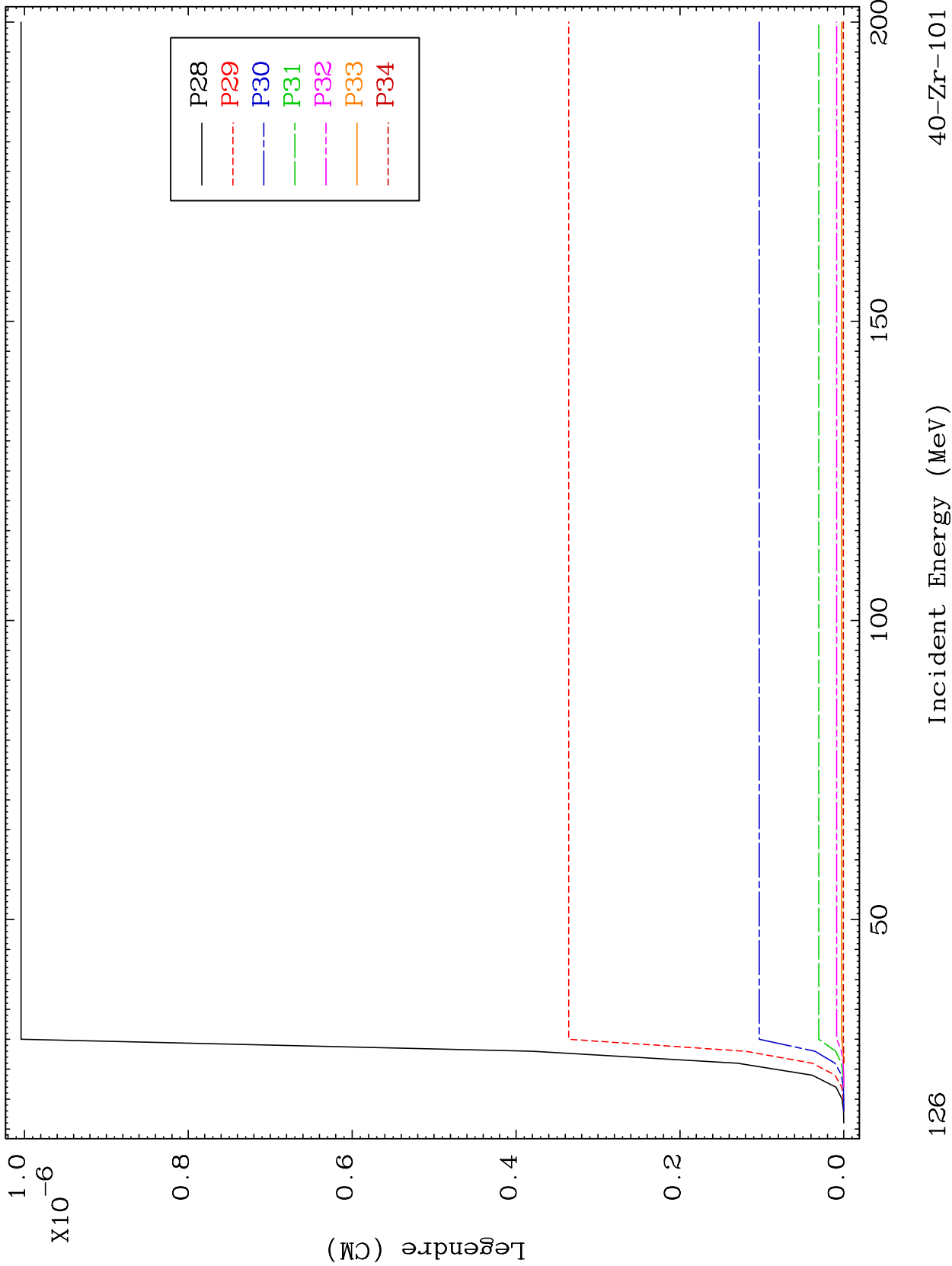




MAT 4058

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

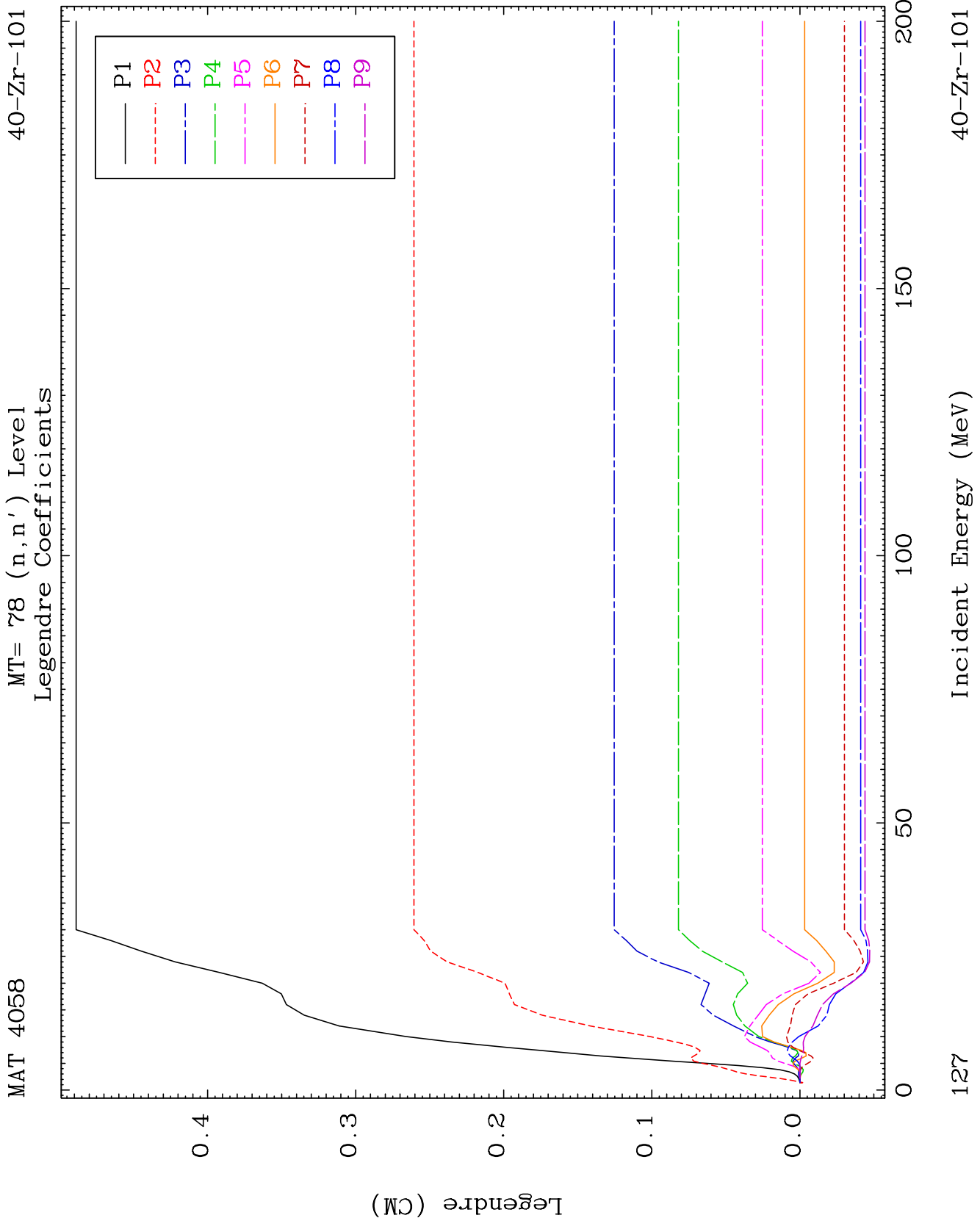
40-Zr-101

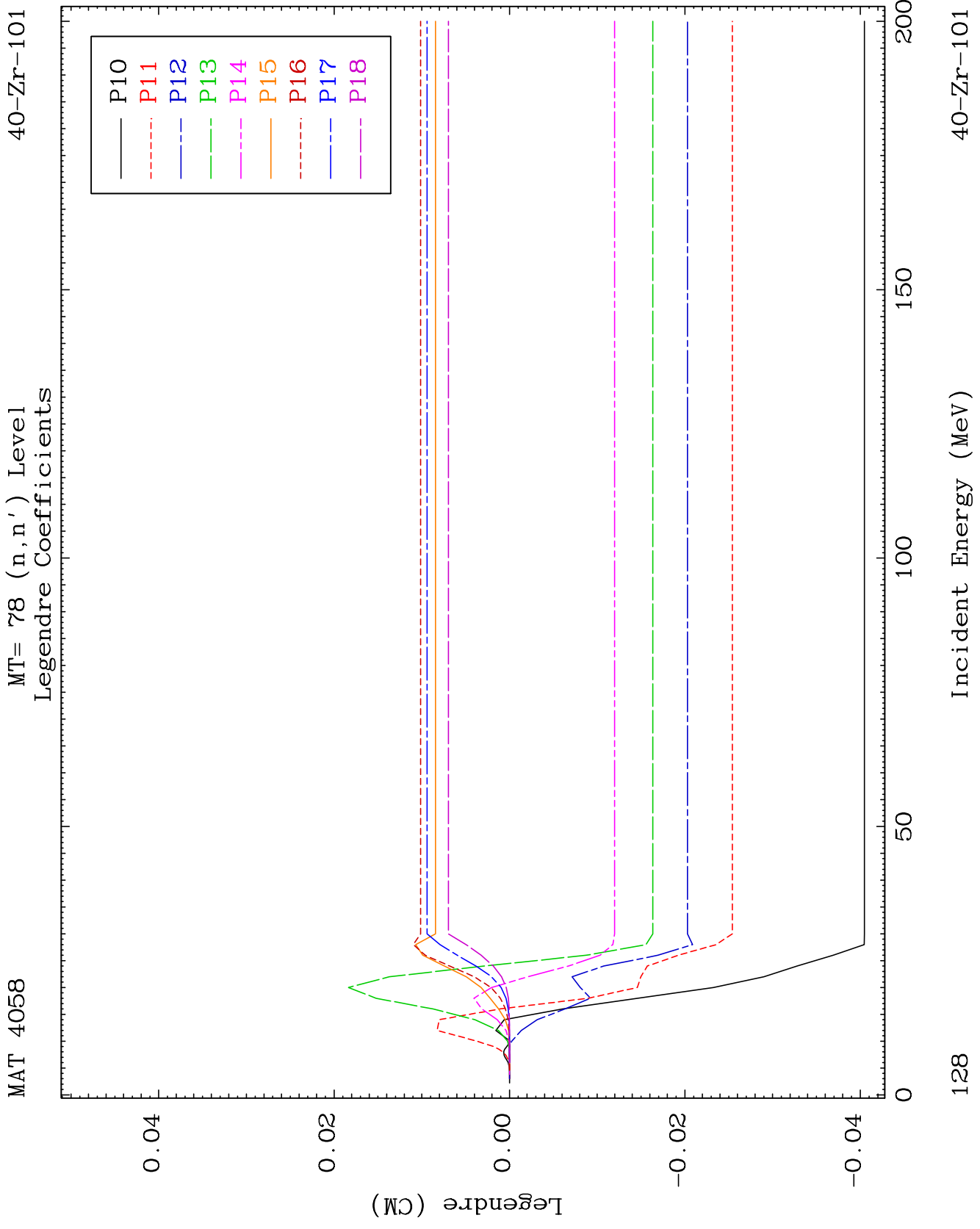


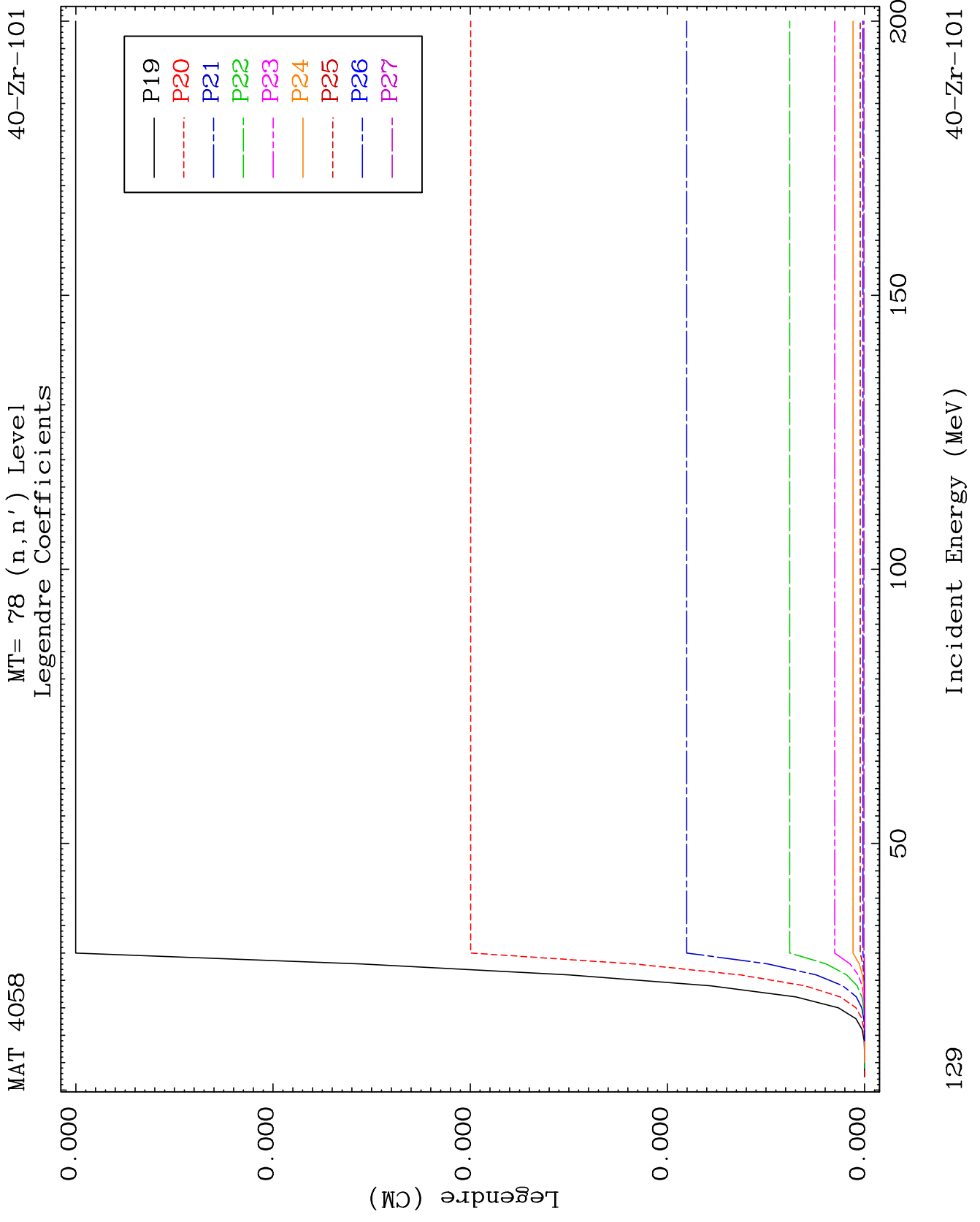
126

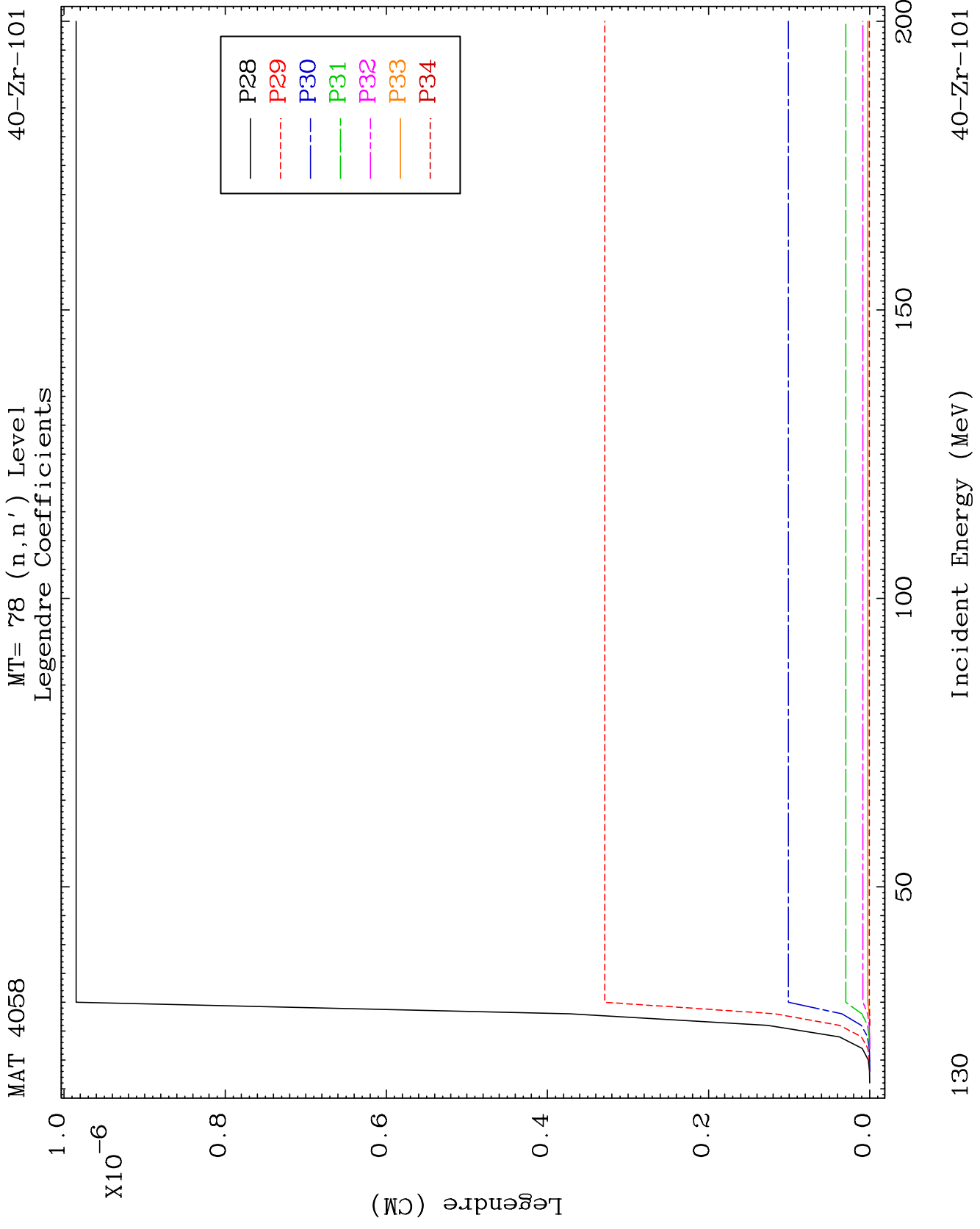
Incident Energy (MeV)

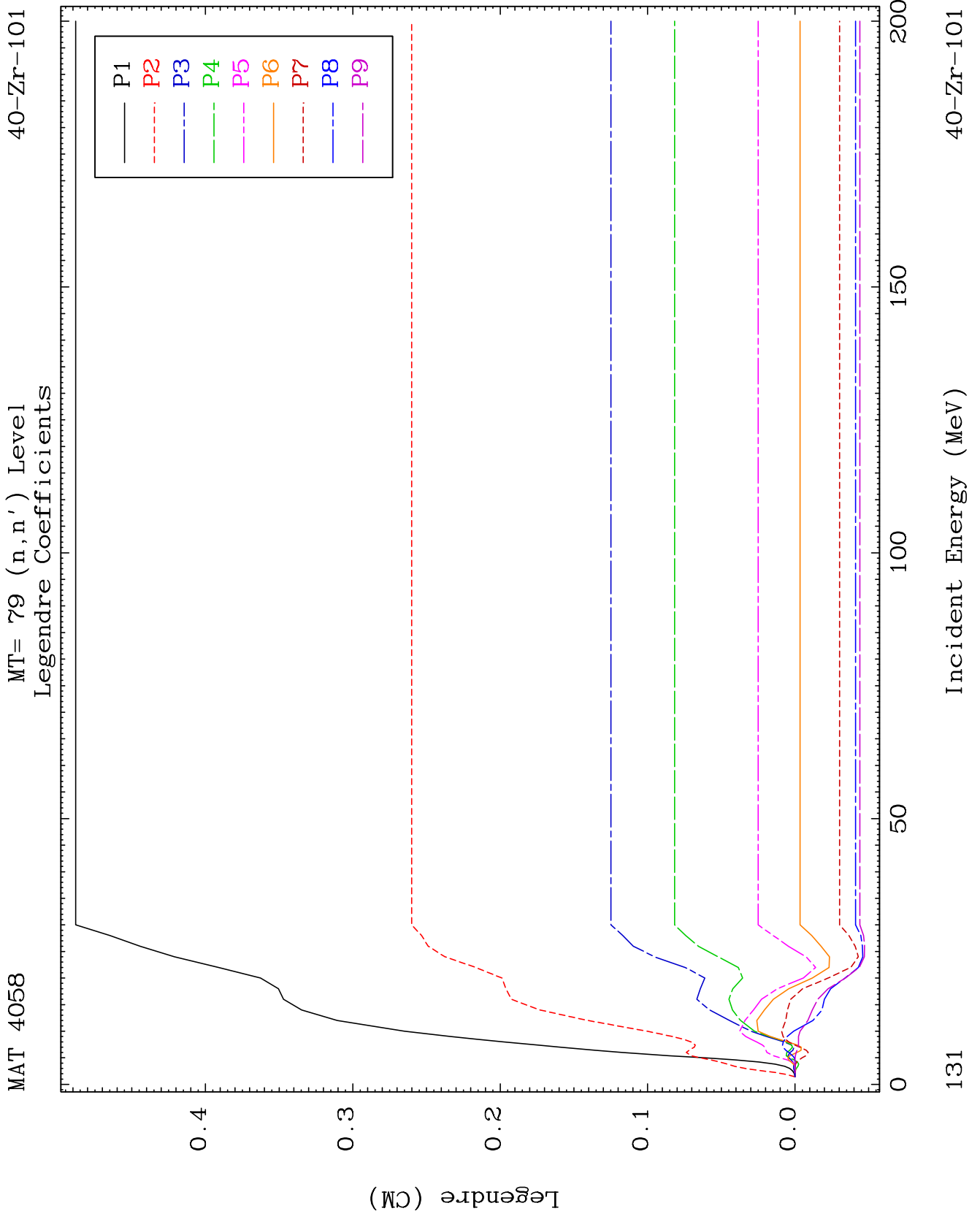
40-Zr-101

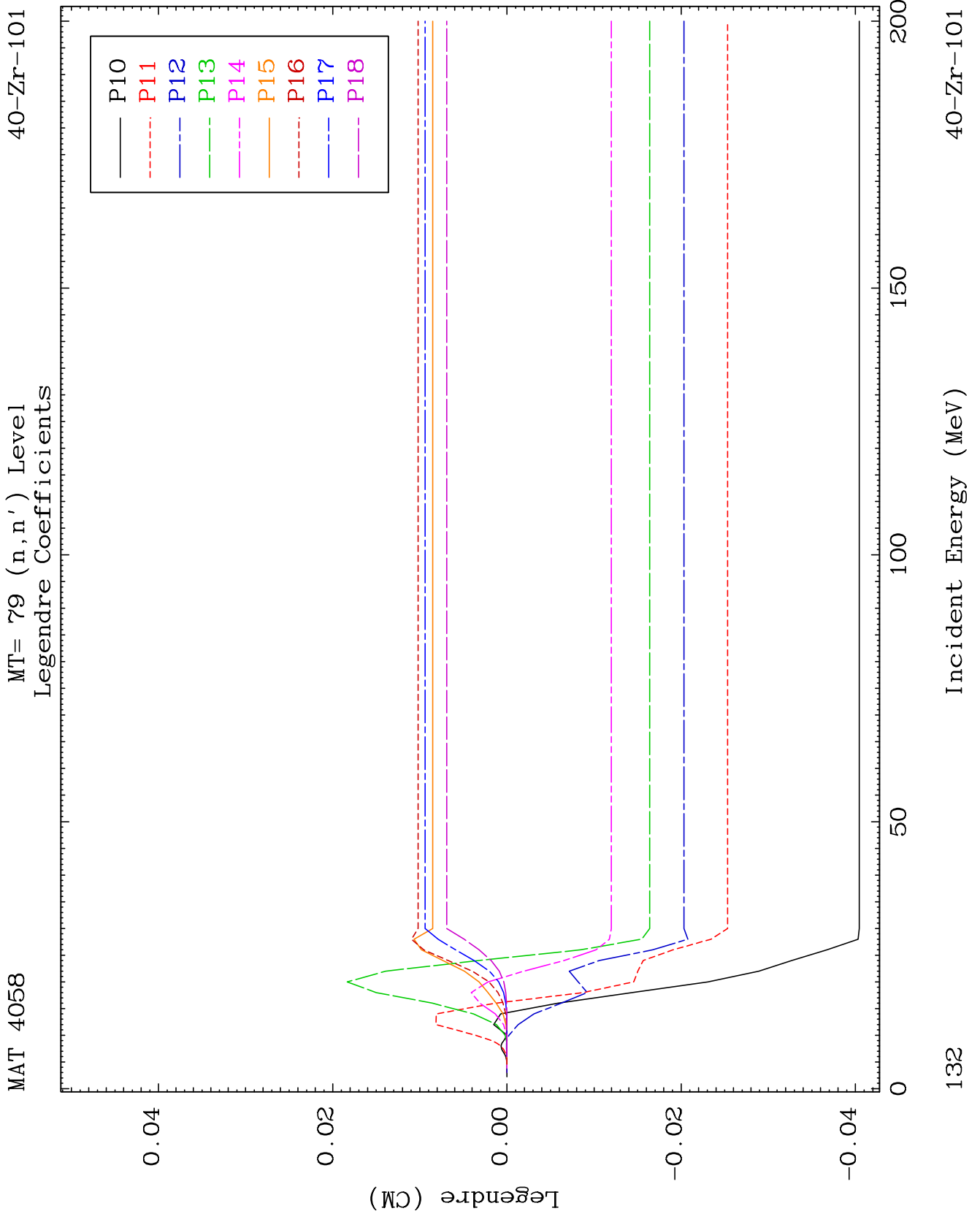


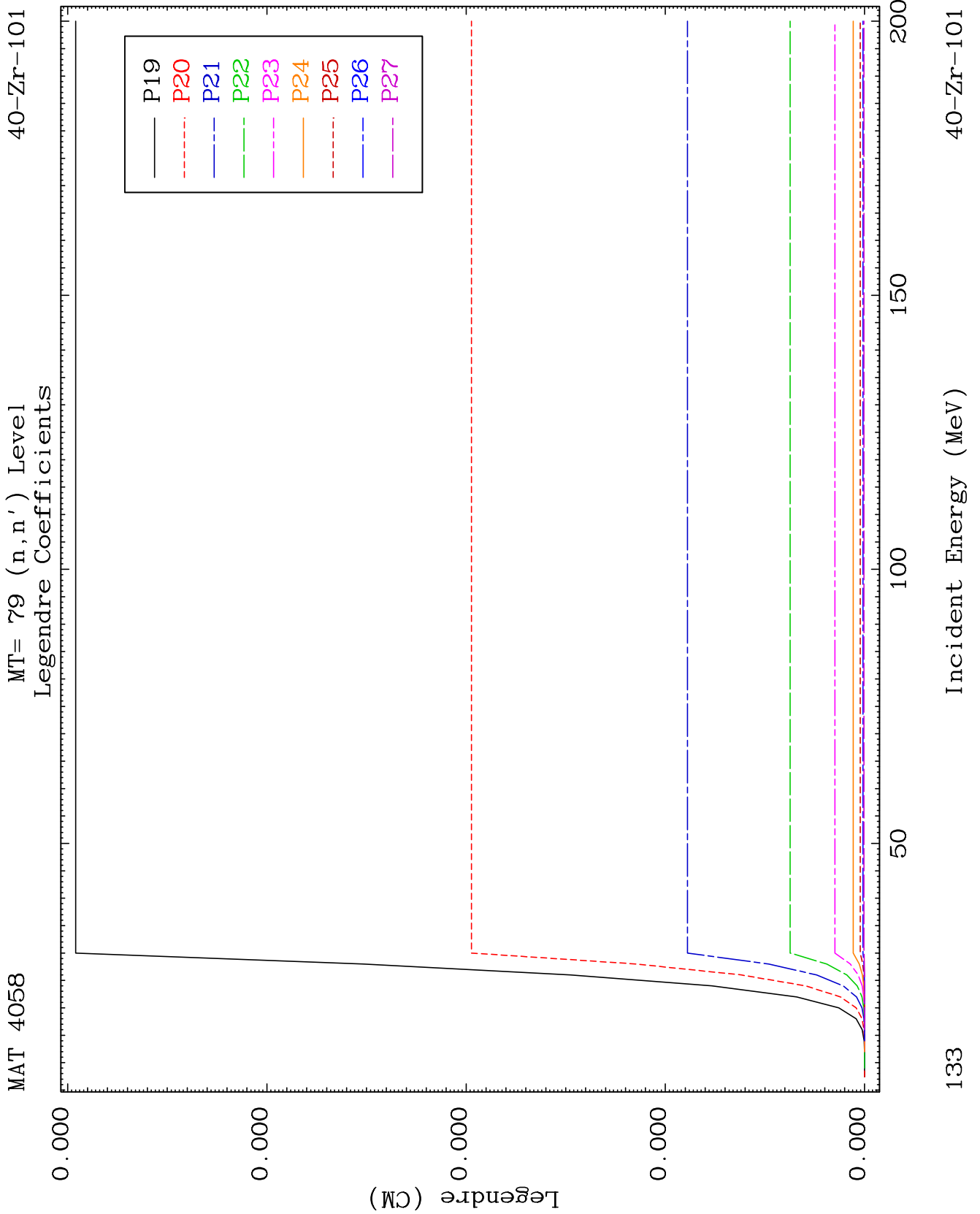








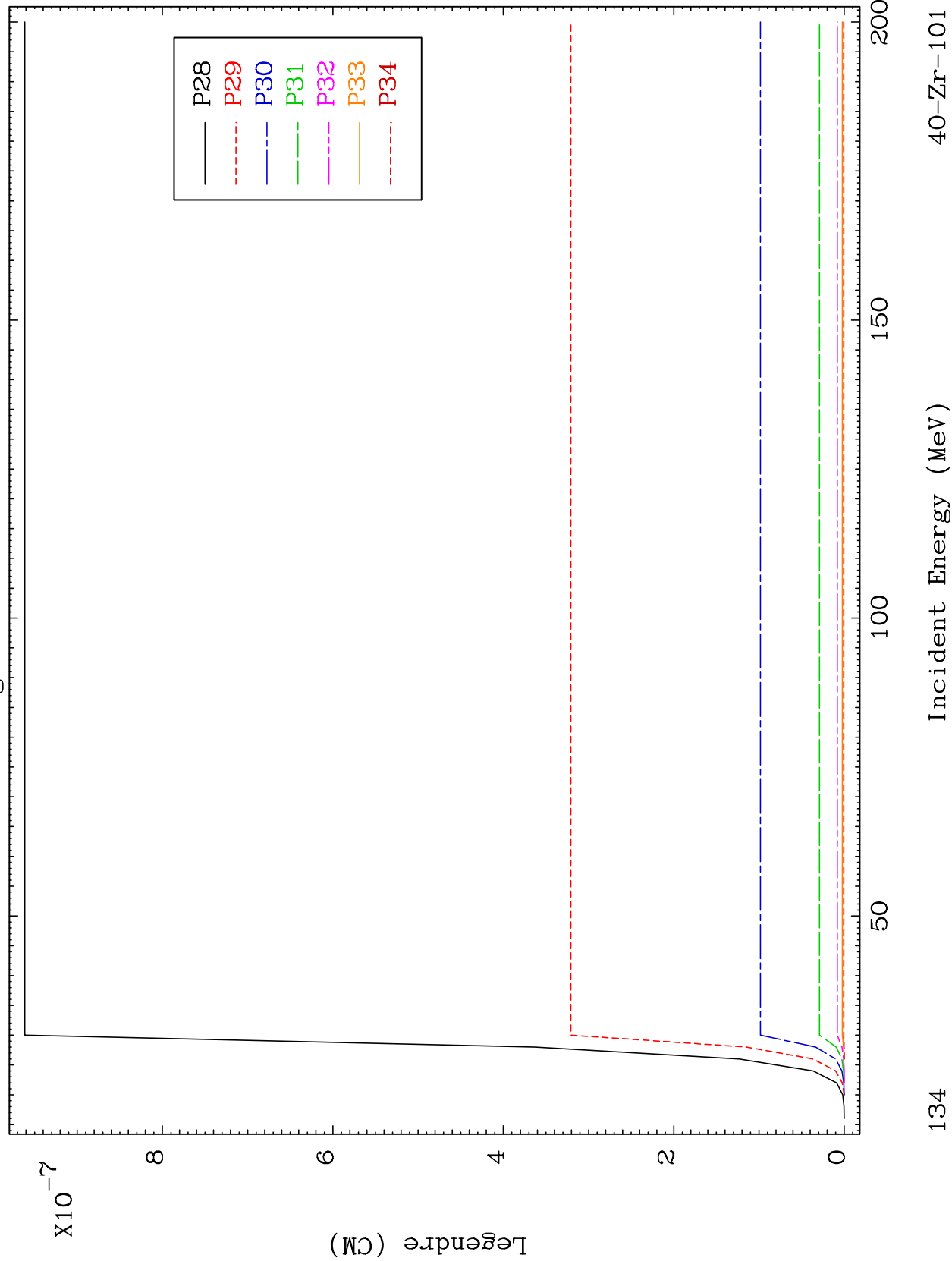




MAT 4058

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

40-Zr-101



134

Incident Energy (MeV)

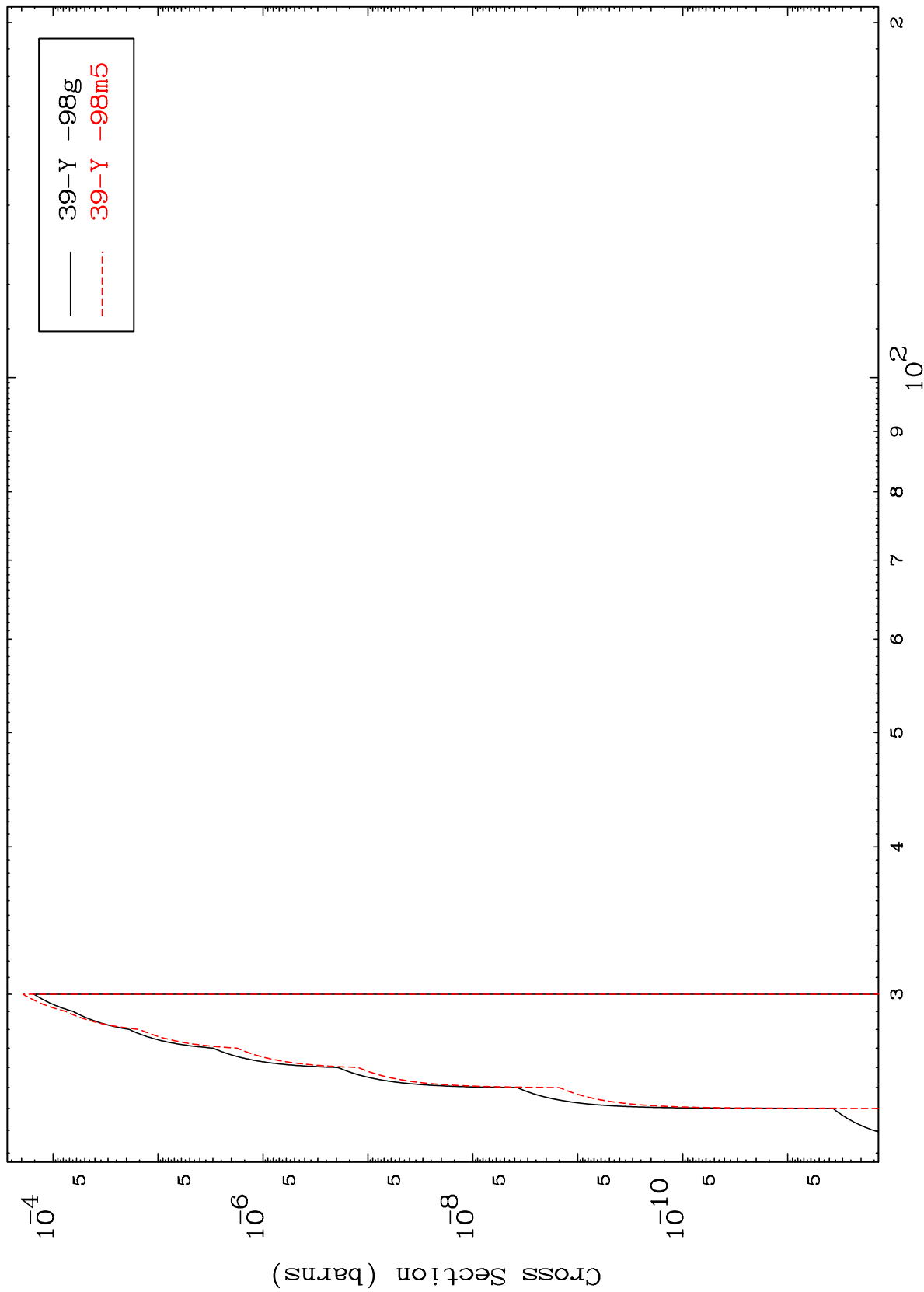
40-Zr-101

MAT 4058

(n,2n) d

40-Zr-101

Radionuclide Production Cross Section



39-Y -98g
39-Y -98m5

135

Incident Energy (MeV)

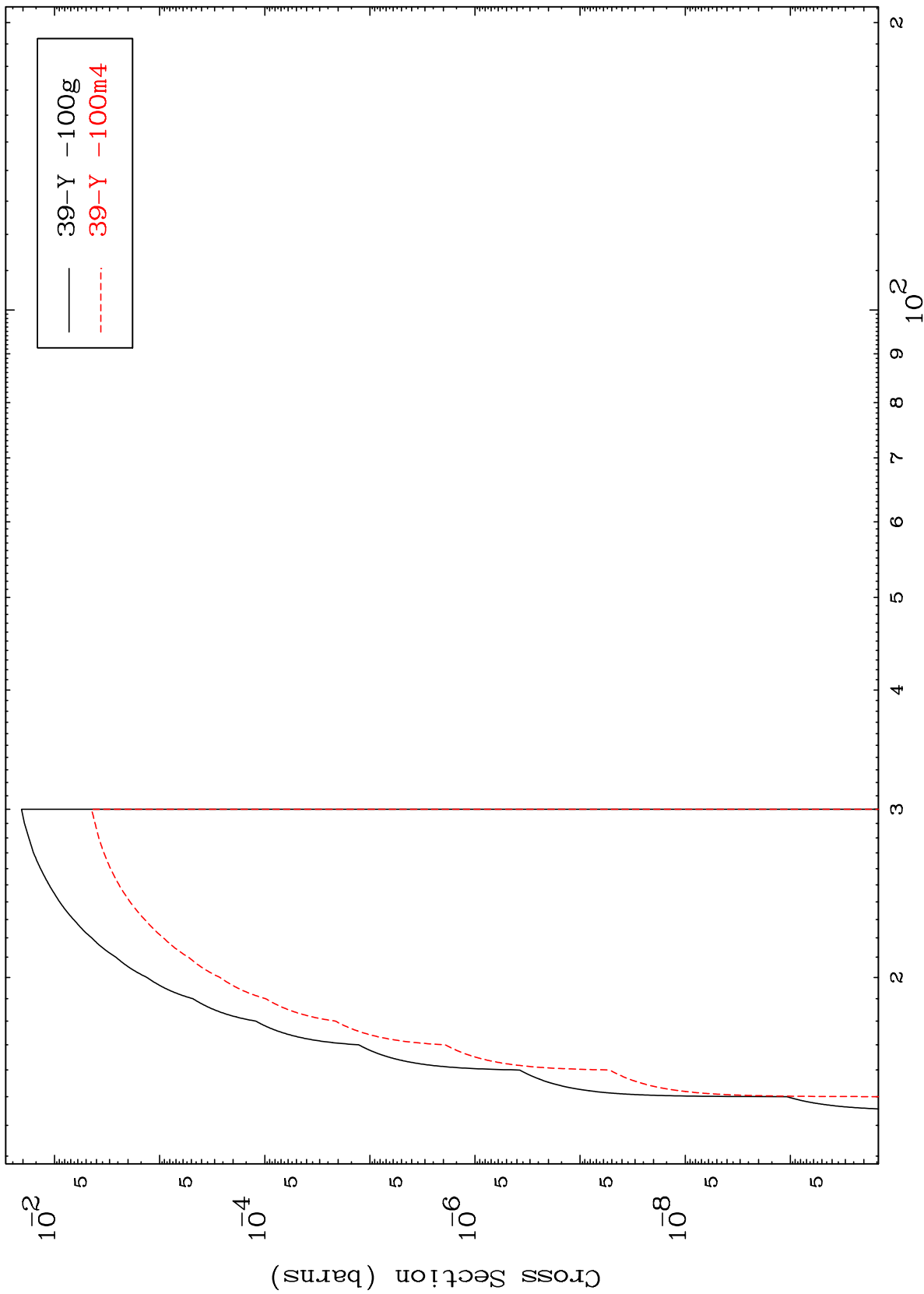
40-Zr-101

MAT 4058

(n,n') p

40-Zr-101

Radionuclide Production Cross Section

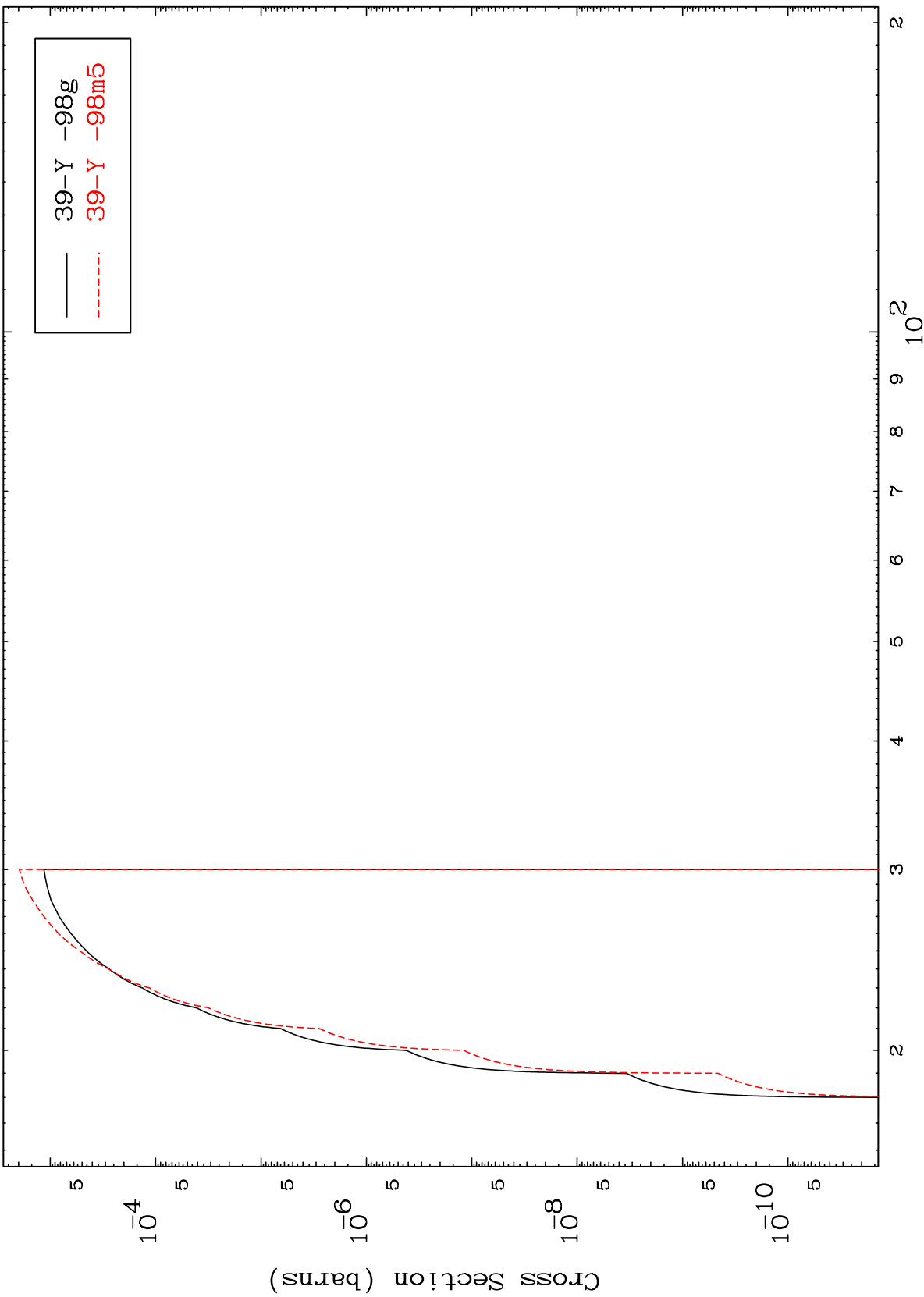


136

Incident Energy (MeV)

40-Zr-101

Radionuclide Production Cross Section

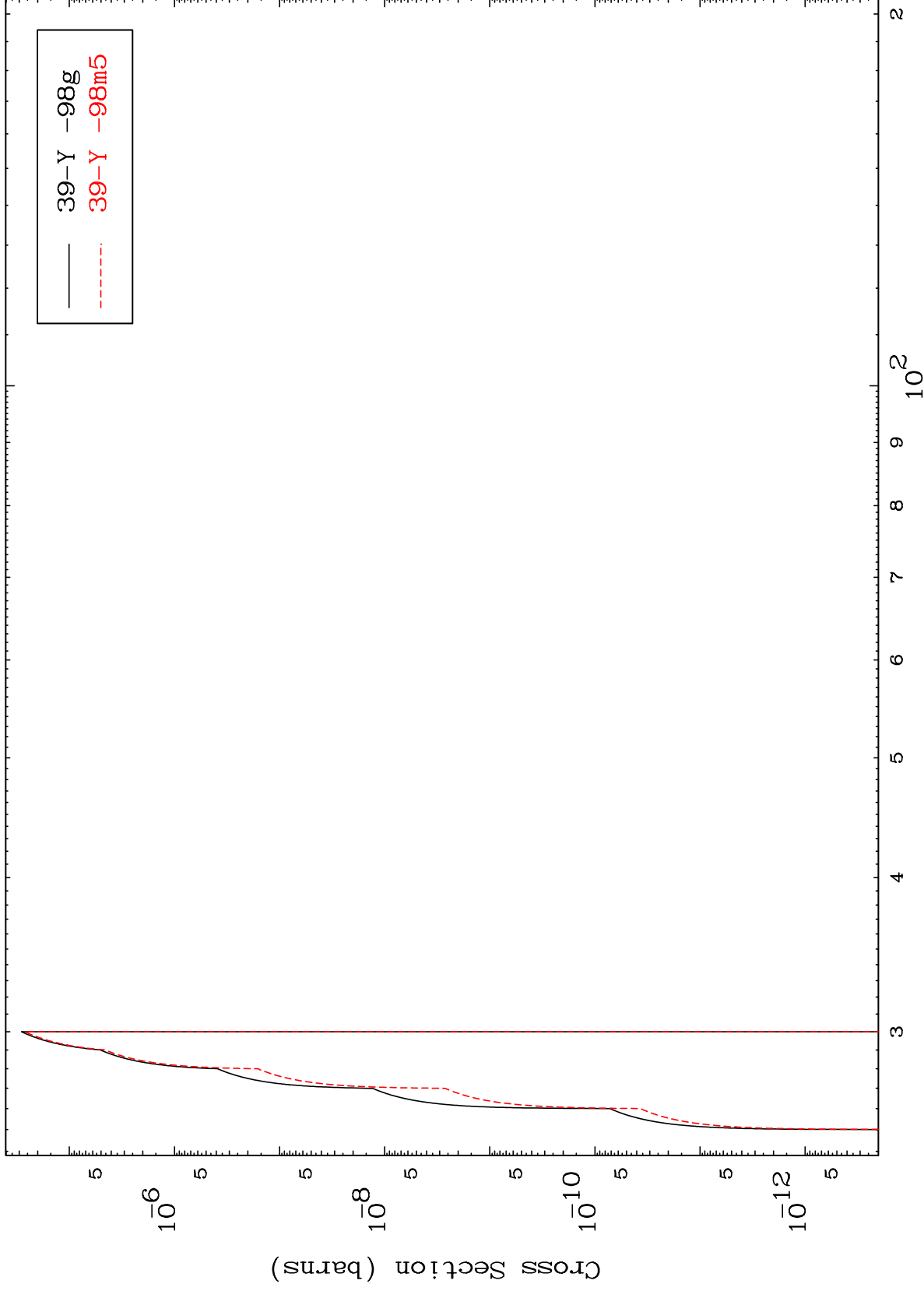


MAT 4058

(n,3n) p

40-Zr-101

Radionuclide Production Cross Section



138

Incident Energy (MeV)

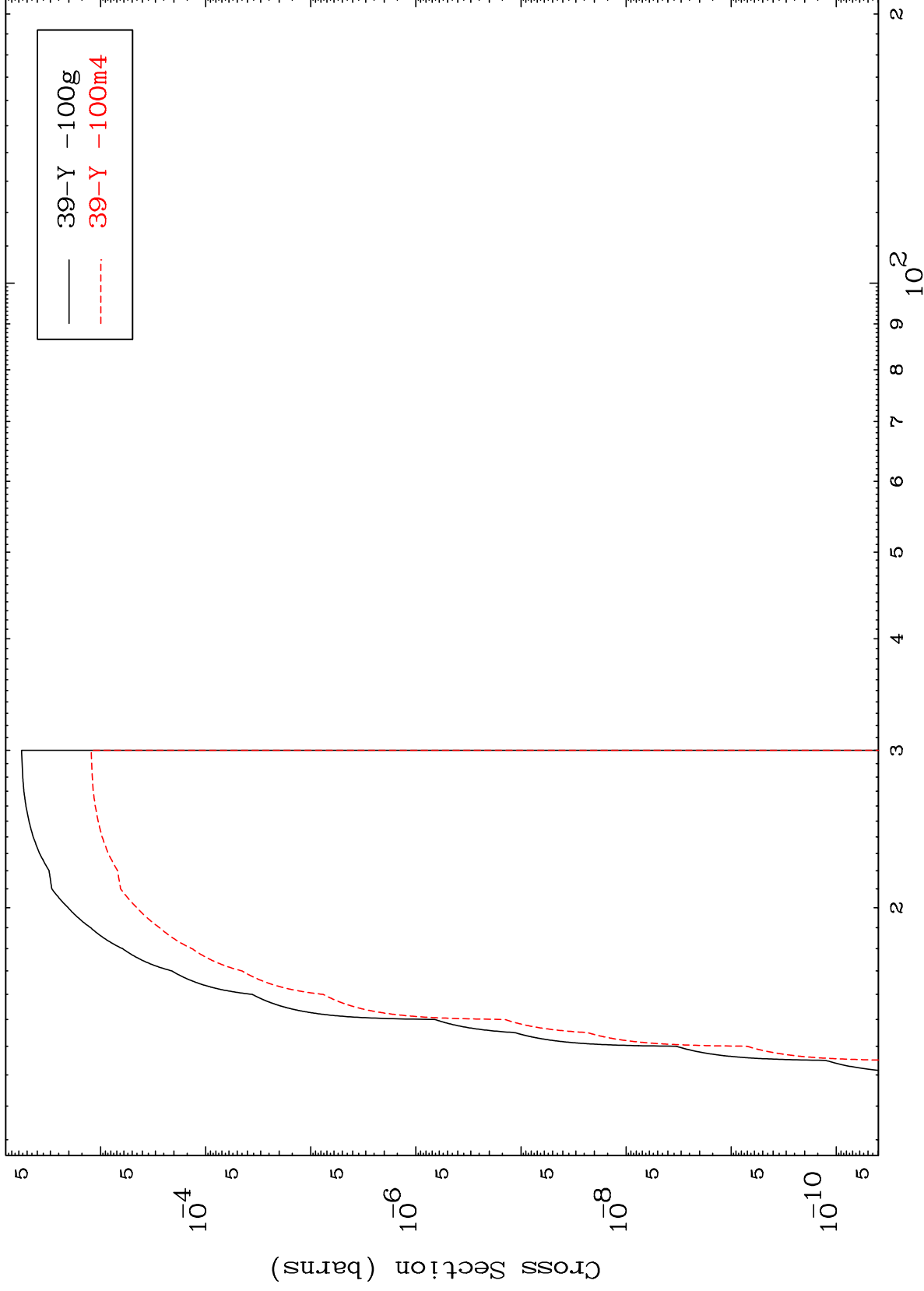
40-Zr-101

MAT 4058

(n,d)

40-Zr-101

Radionuclide Production Cross Section



139

Incident Energy (MeV)

40-Zr-101