

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

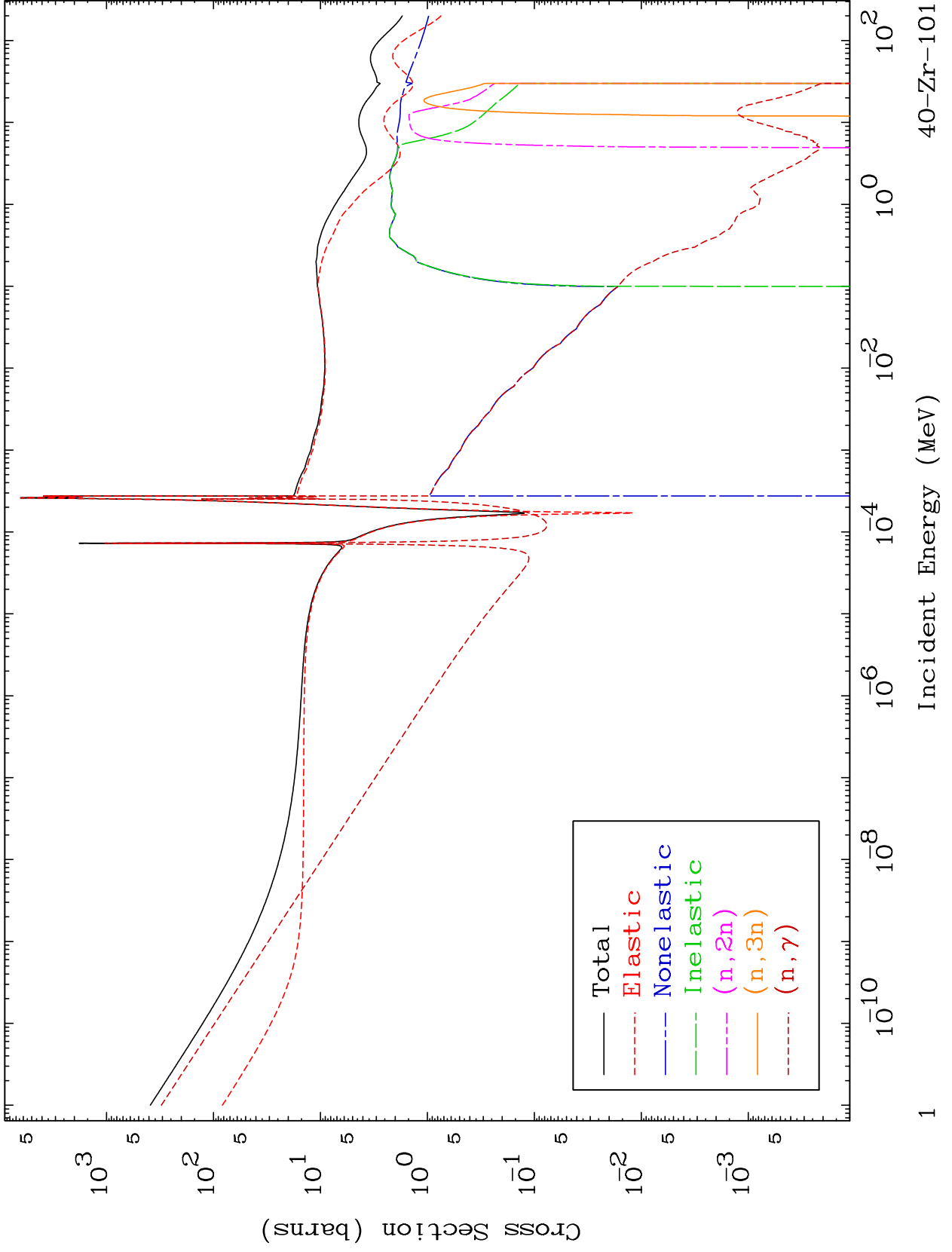
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Press Mouse Button to Start

MAT 4058

Neutron Major
293 Kelvin Cross Sections

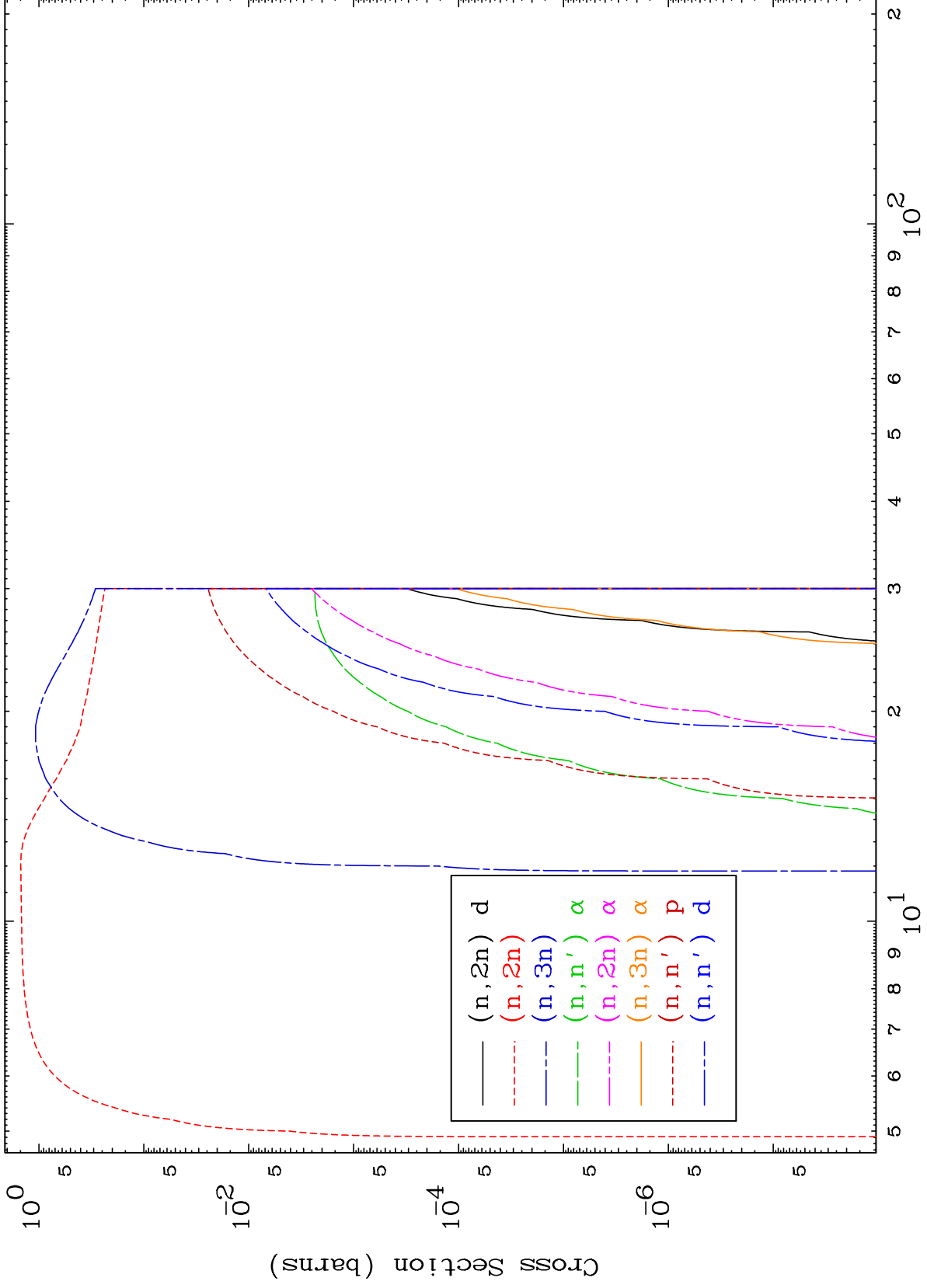
40-Zr-101



MAT 4058

Neutron Absorption
293 Kelvin Cross Sections

40-Zr-101



40-Zr-101

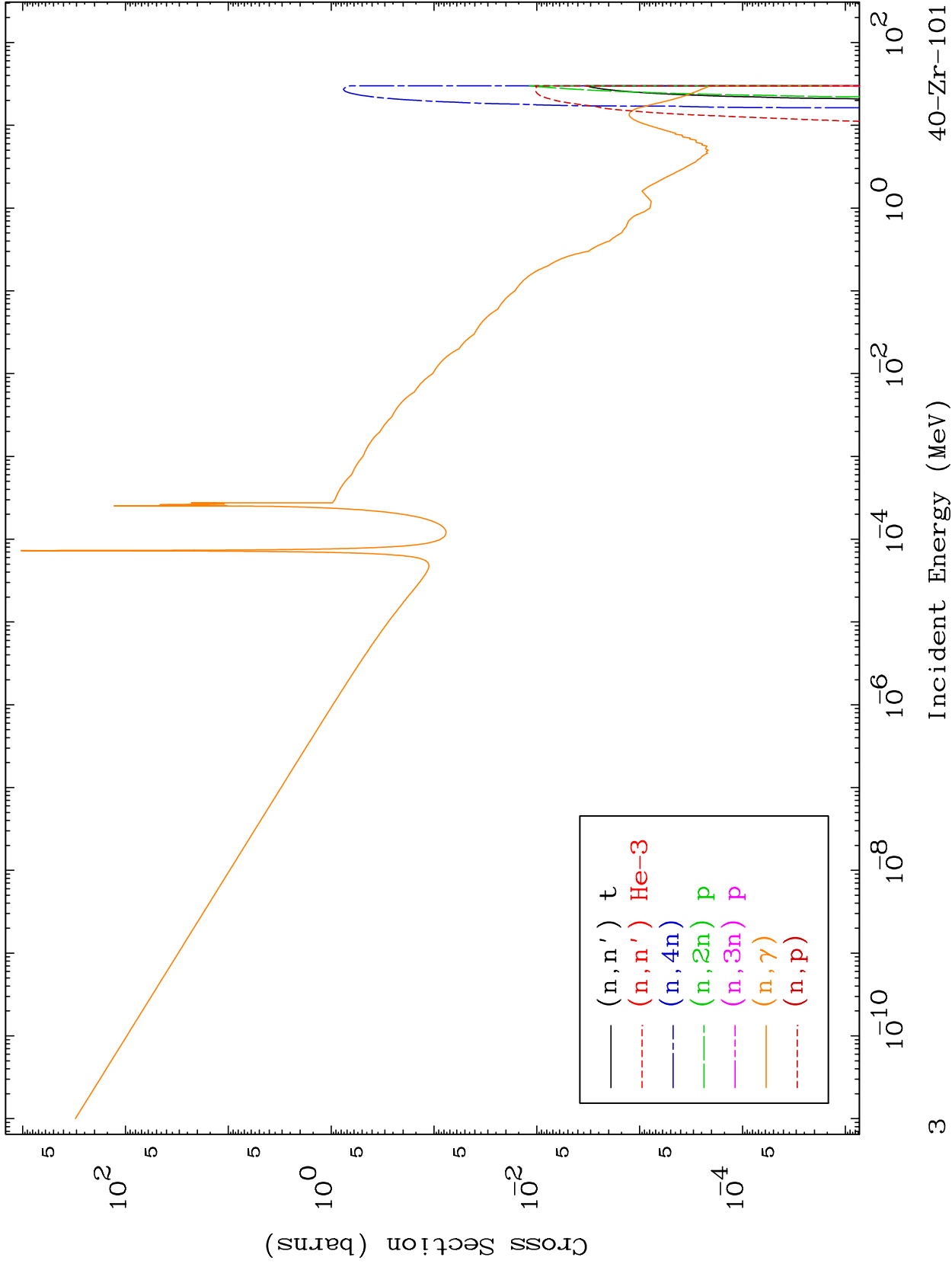
Incident Energy (MeV)

2

MAT 4058

Neutron Absorption
293 Kelvin Cross Sections

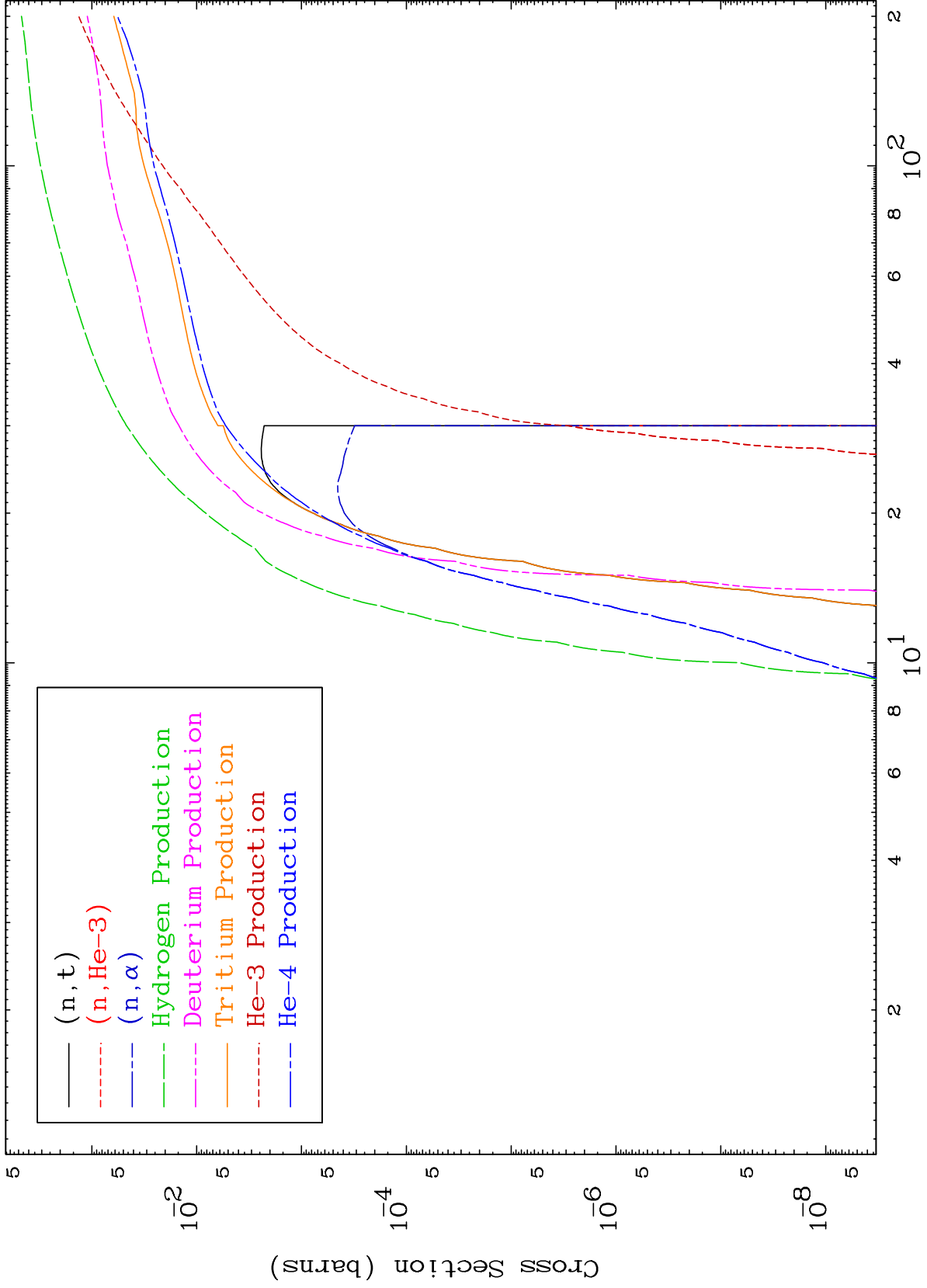
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MAT 4058

Neutron Absorption
293 Kelvin Cross Sections

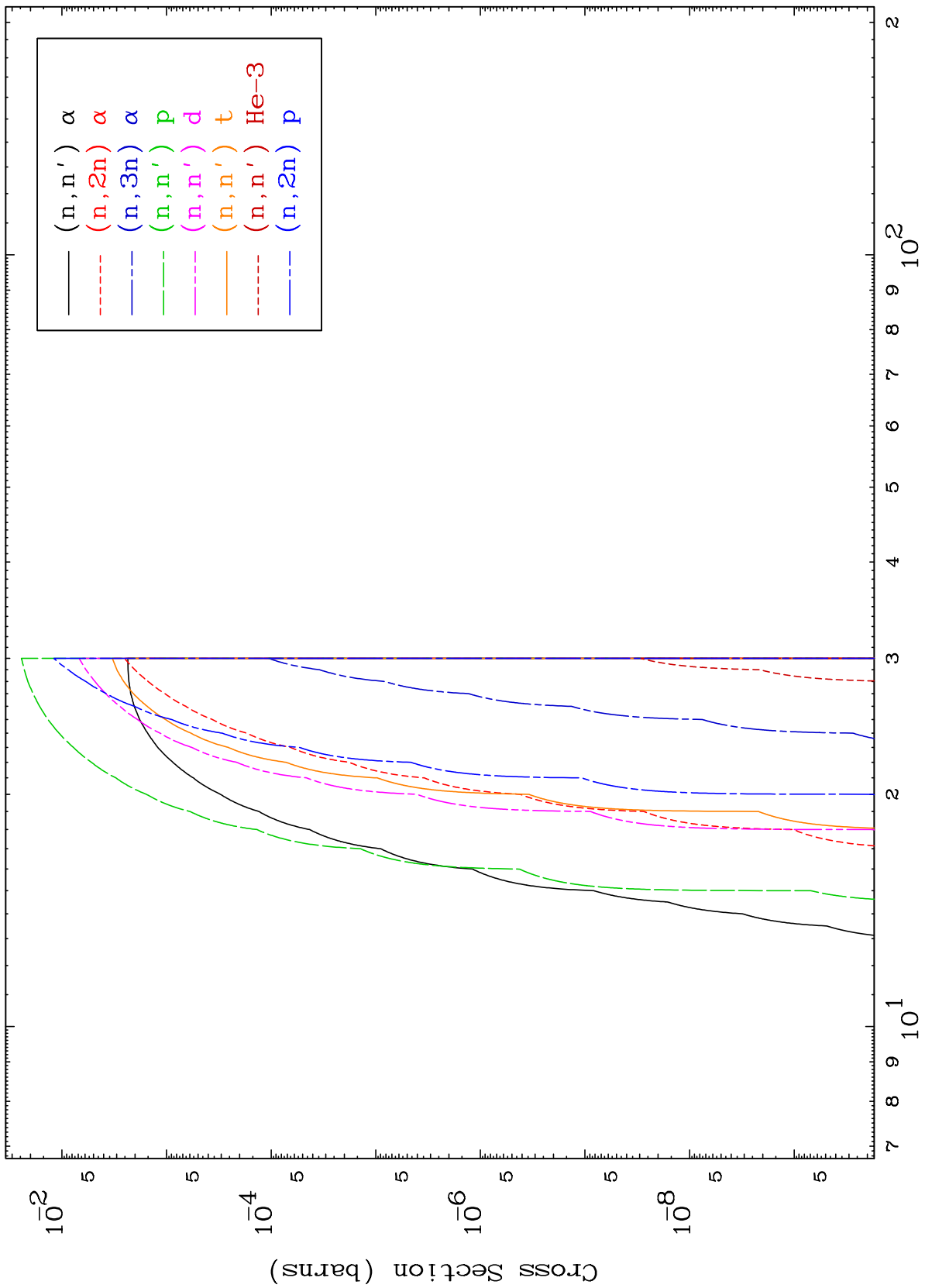
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MAT 4058

Charged Particle
293 Kelvin Cross Sections

40-Zr-101



5

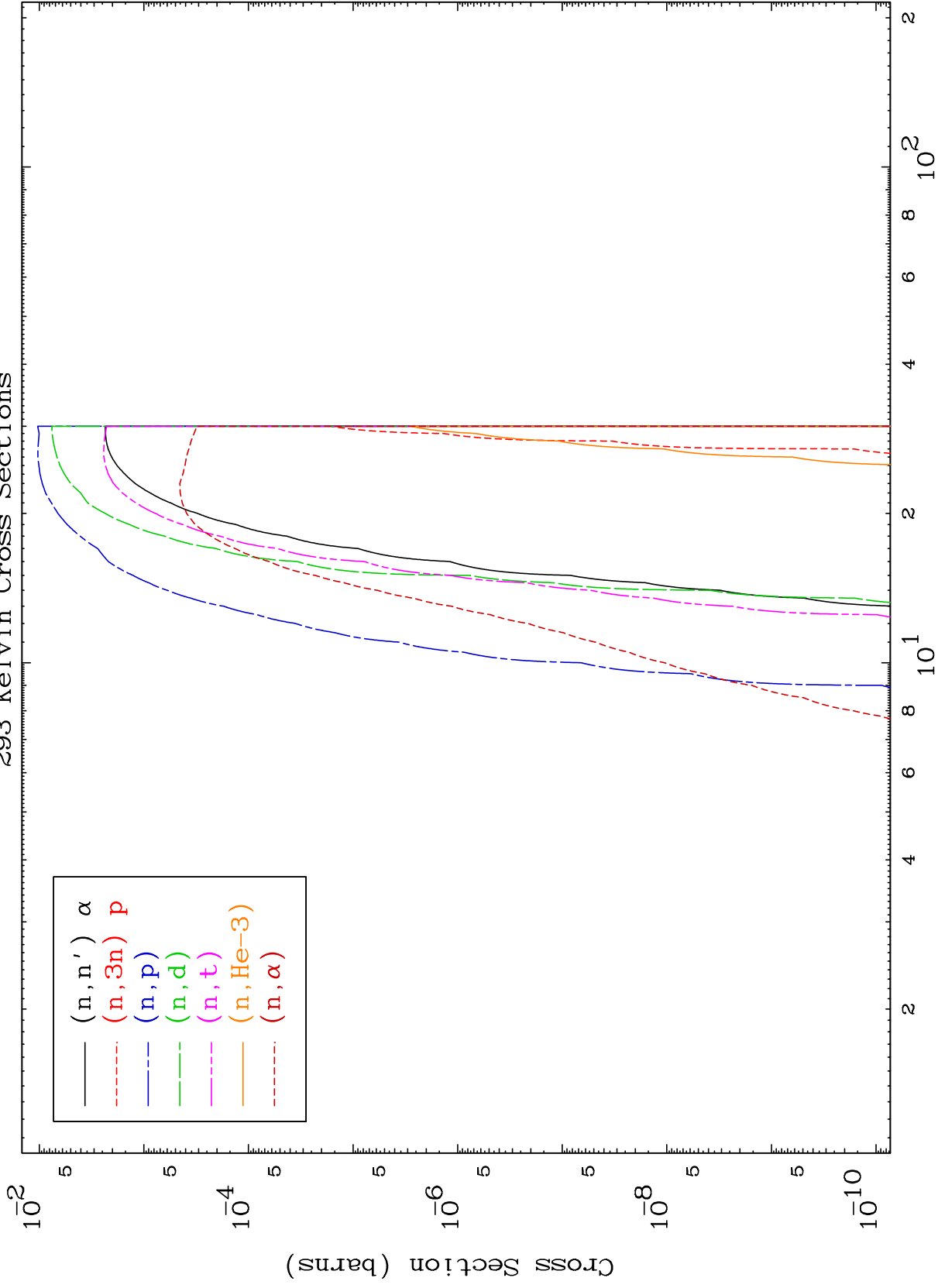
Incident Energy (MeV)

40-Zr-101

MAT 4058

Charged Particle
293 Kelvin Cross Sections

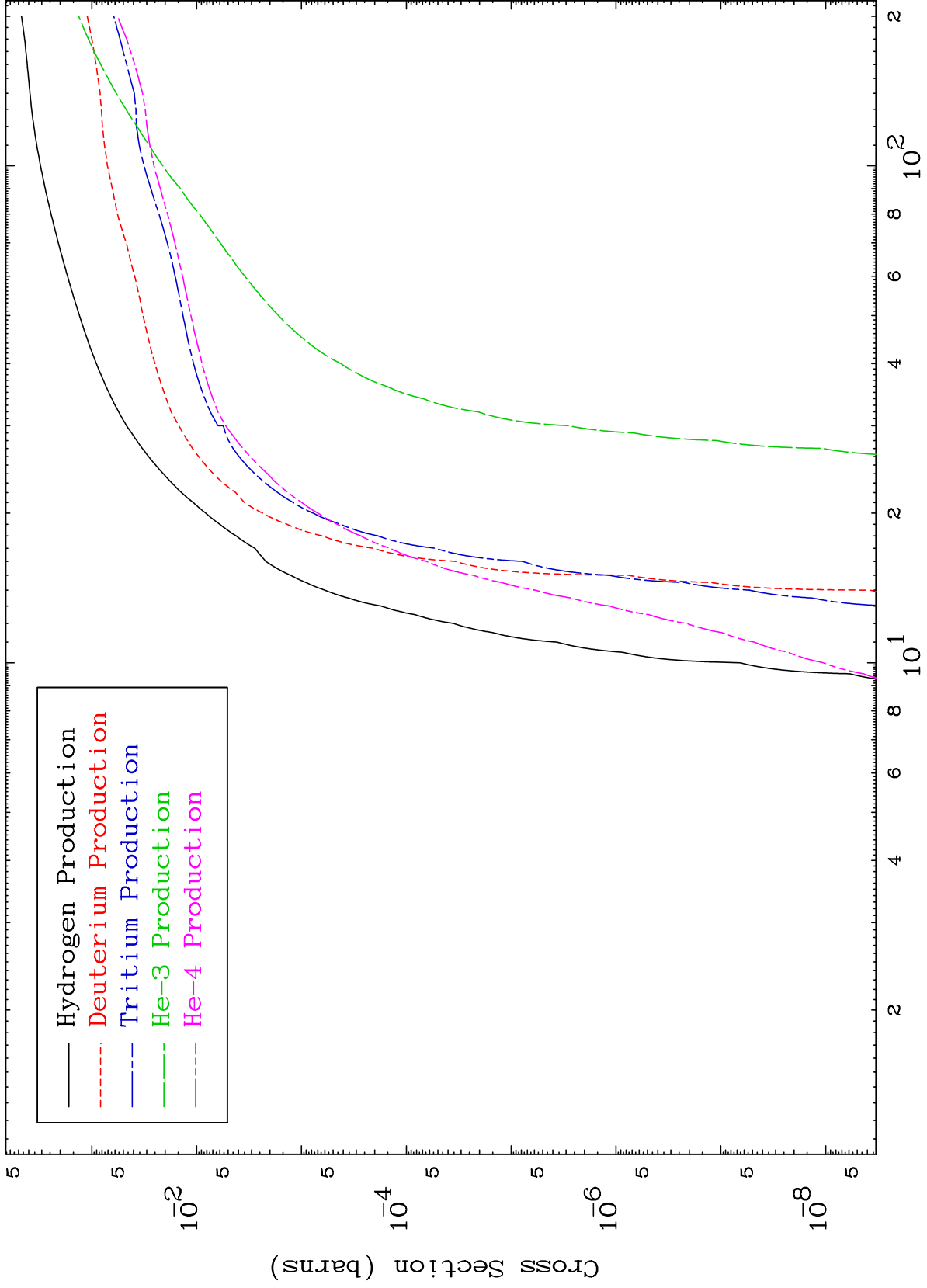
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6

Incident Energy (MeV)

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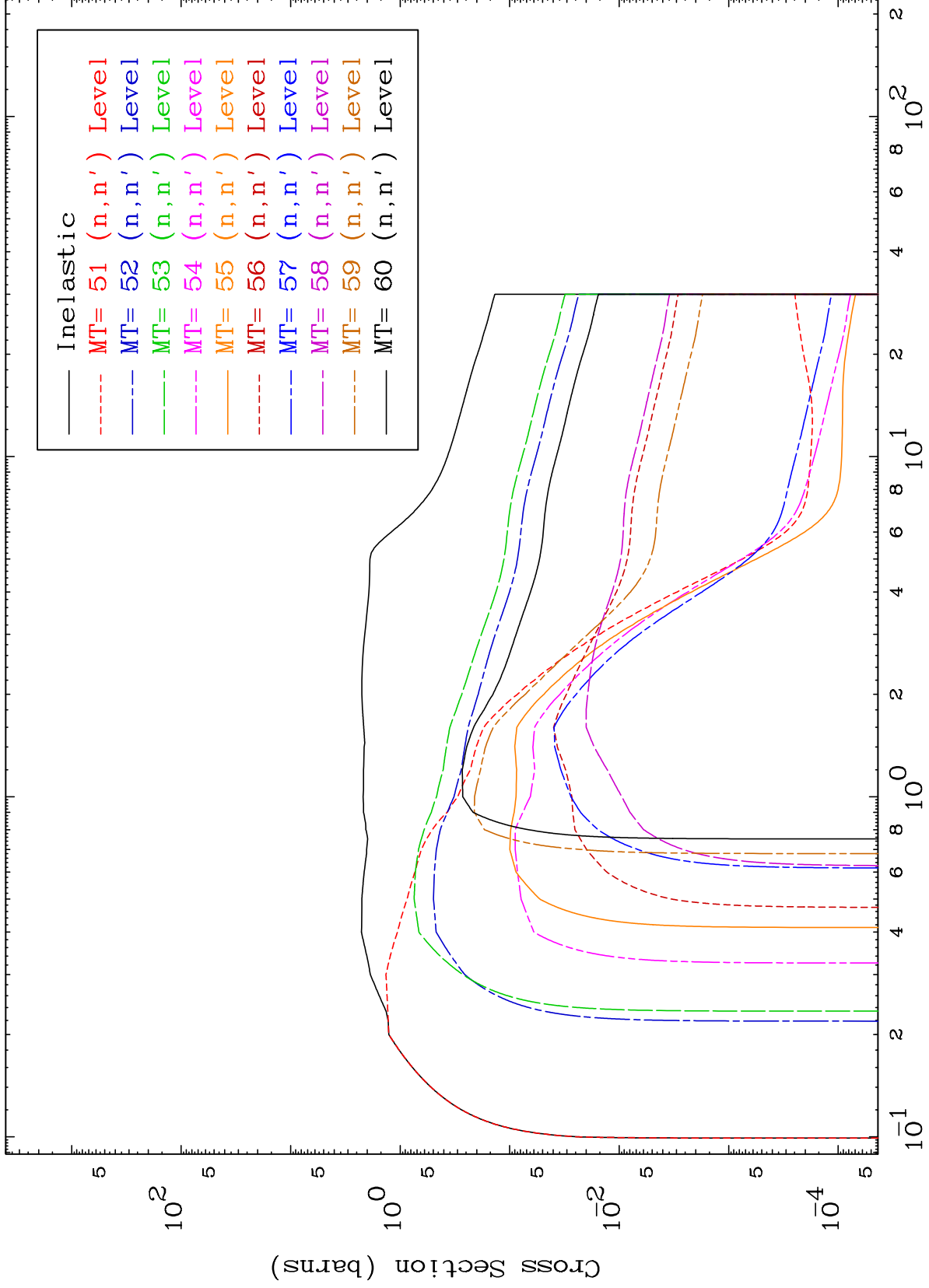


MAT 4058

(n,n') Levels

40-Zr-101

293 Kelvin Cross Sections



Incident Energy (MeV)

40-Zr-101

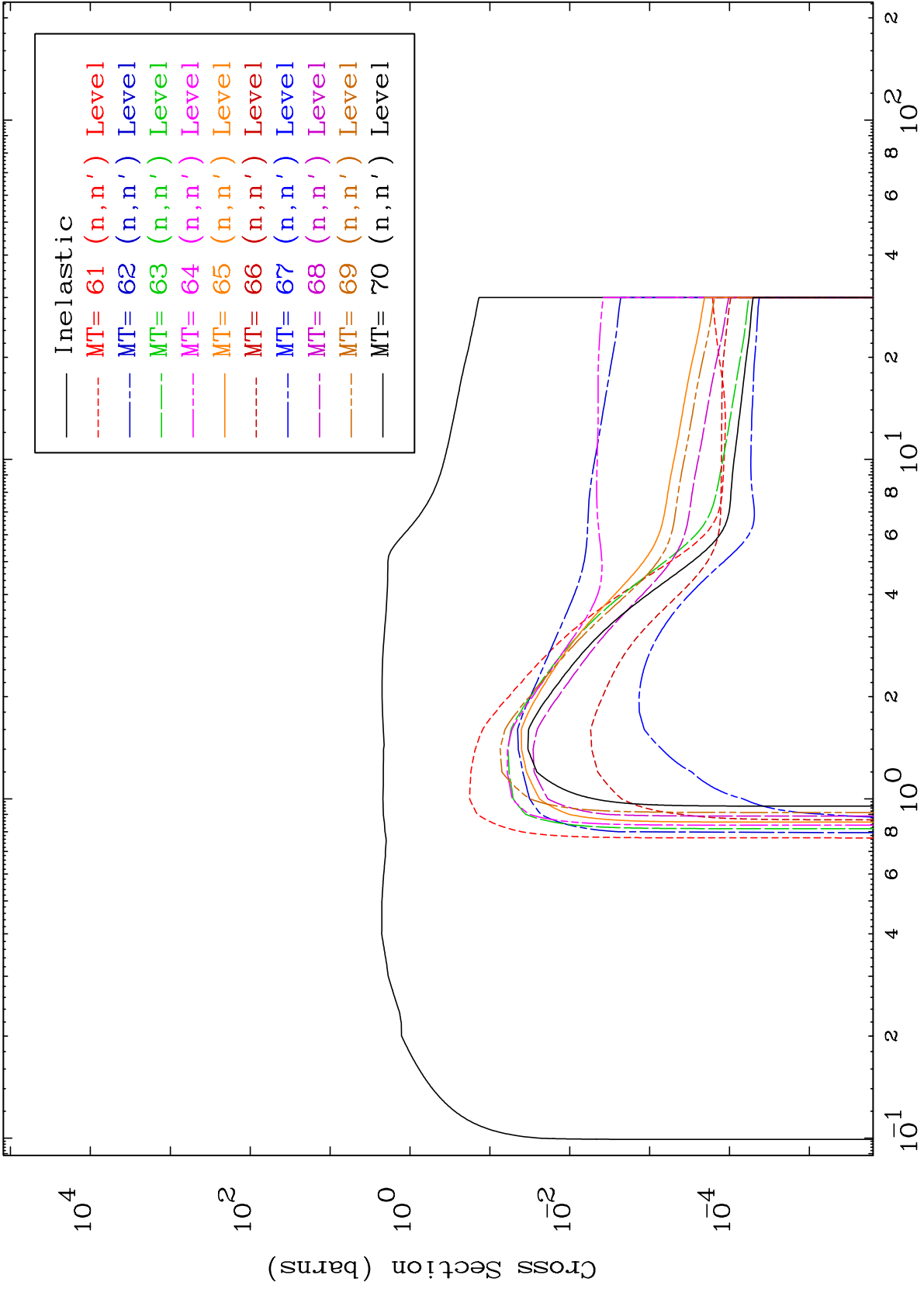
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MAT 4058

(n,n') Levels

40-Zr-101

293 Kelvin Cross Sections



Incident Energy (MeV)

40-Zr-101

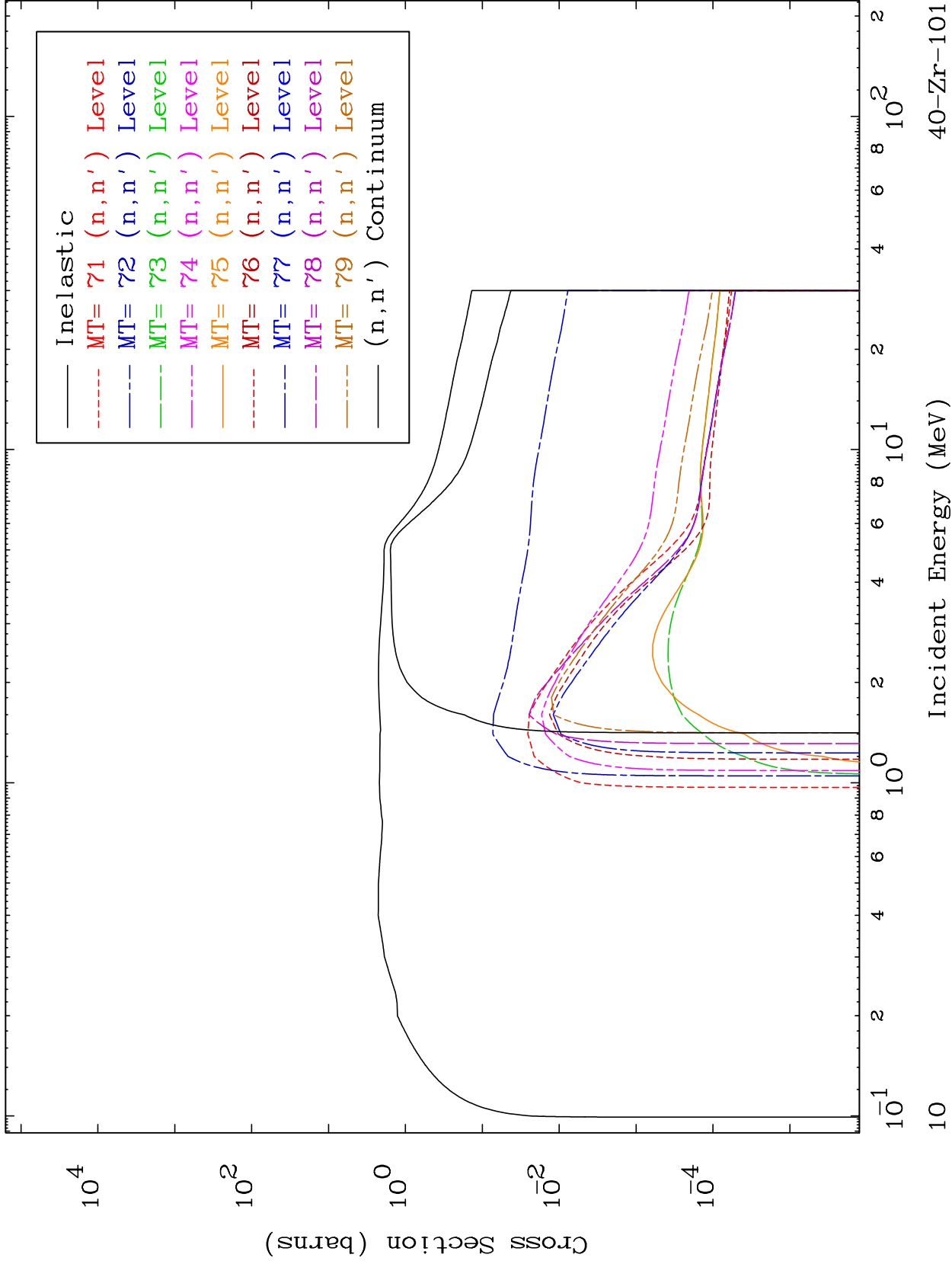
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MAT 4058

(n,n') Levels

293 Kelvin Cross Sections

40-Zr-101



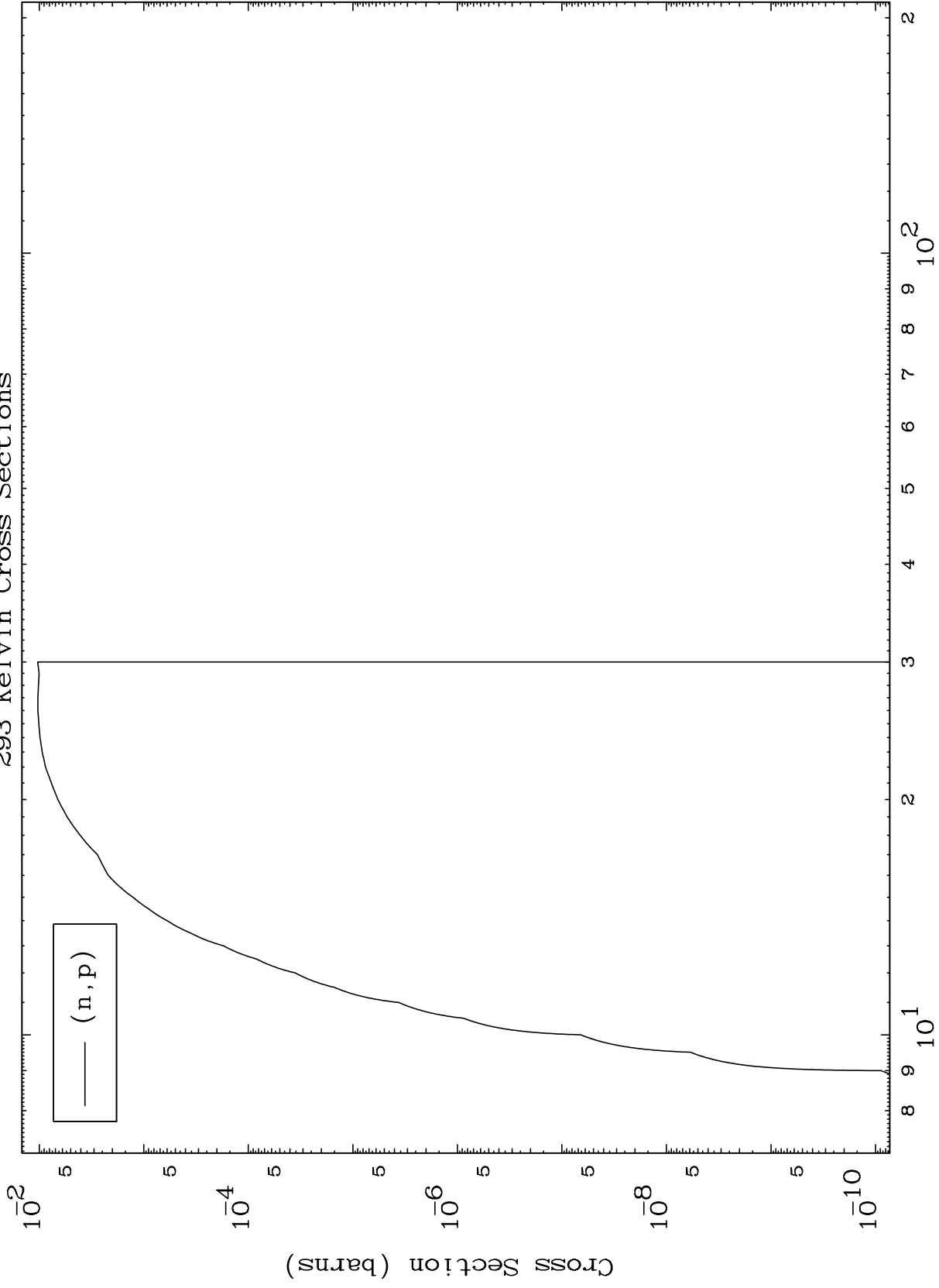
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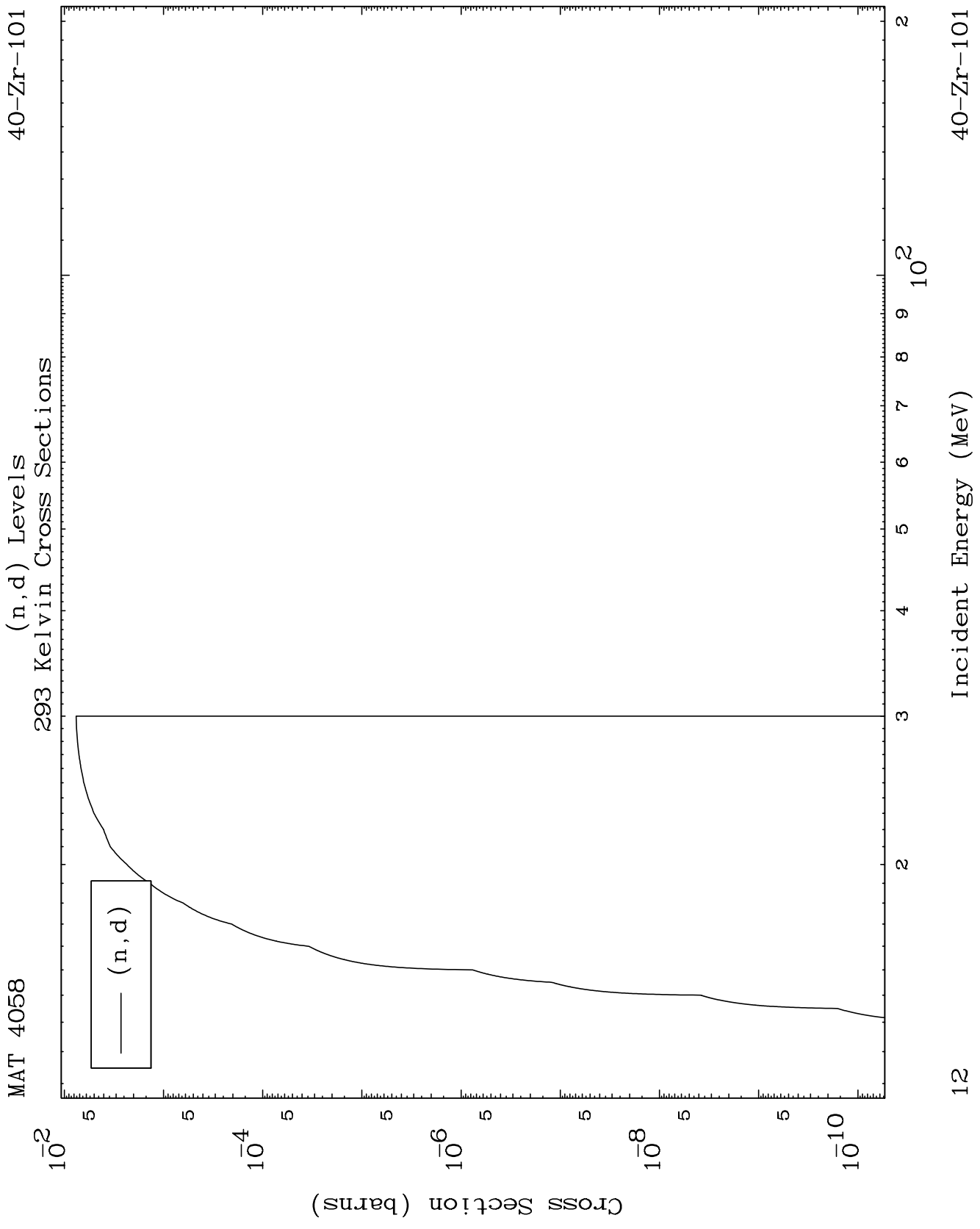
Incident Energy (MeV)

MAT 4058

(n,p) Levels
293 Kelvin Cross Sections

40-Zr-101

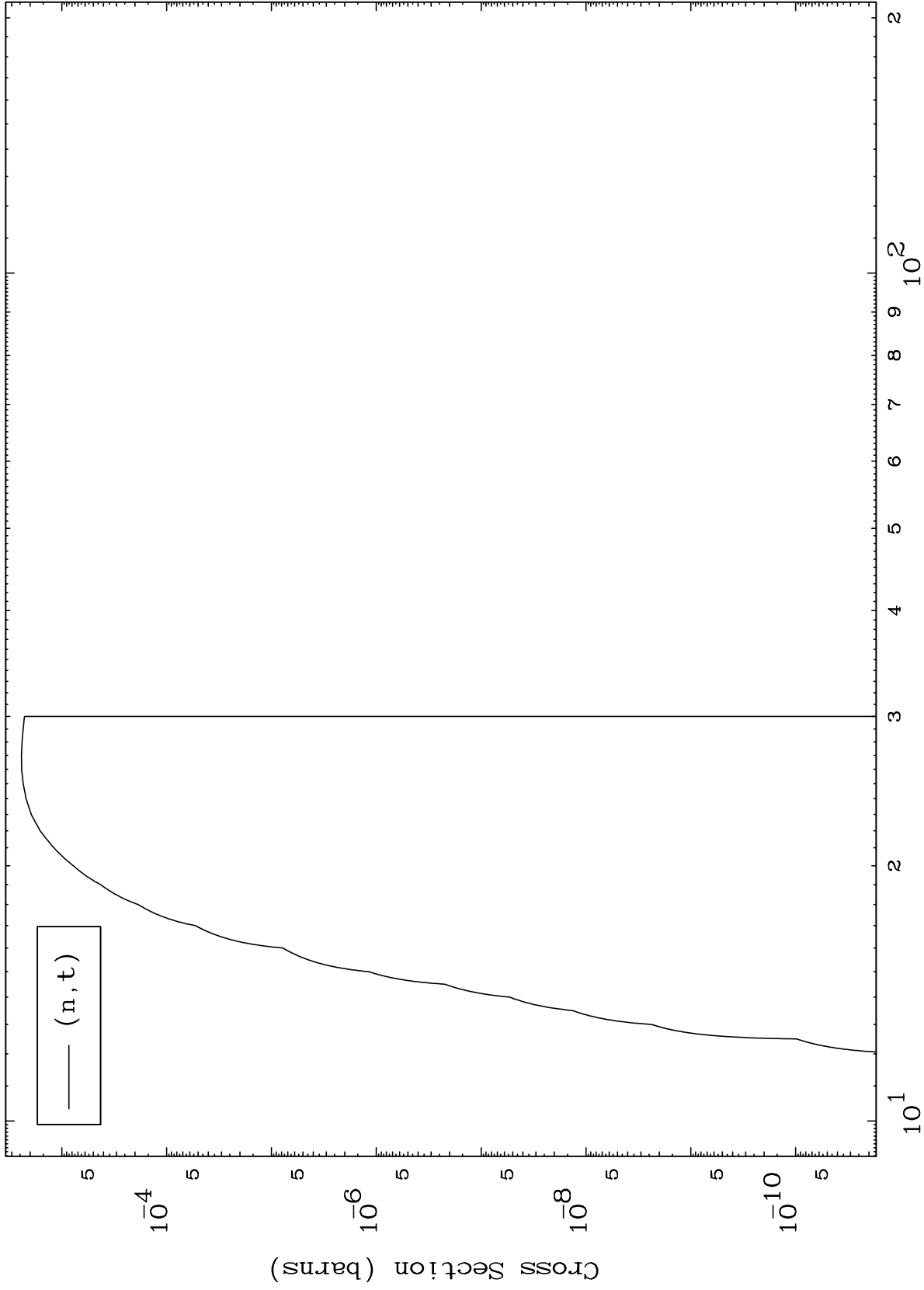




MAT 4058

(n,t) Levels
293 Kelvin Cross Sections

40-Zr-101



13

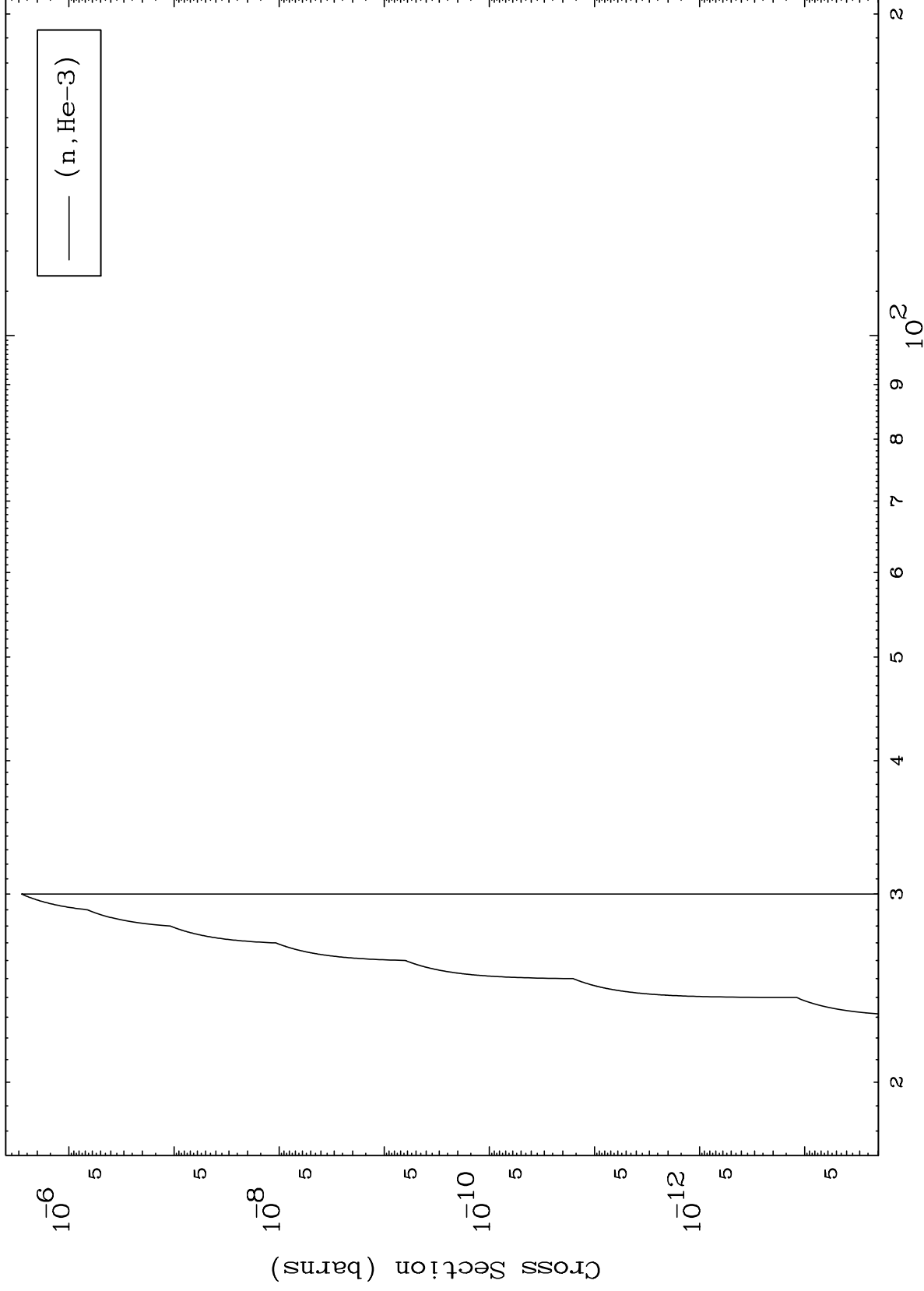
Incident Energy (MeV)

40-Zr-101

MAT 4058

(n,He3) Levels
293 Kelvin Cross Sections

40-Zr-101



14

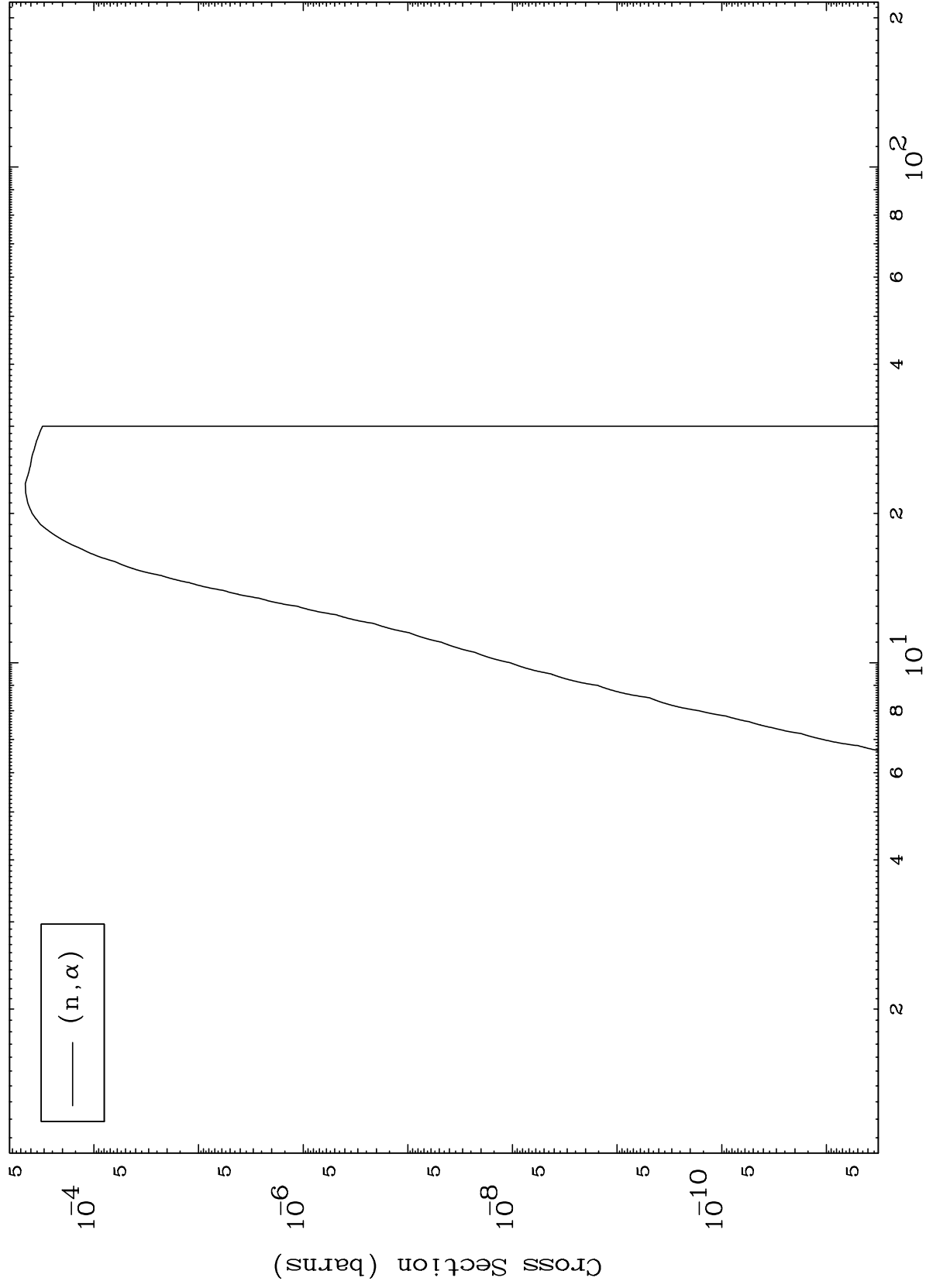
Incident Energy (MeV)

40-Zr-101

MAT 4058

40-Zr-101

(n, α) Levels
293 Kelvin Cross Sections



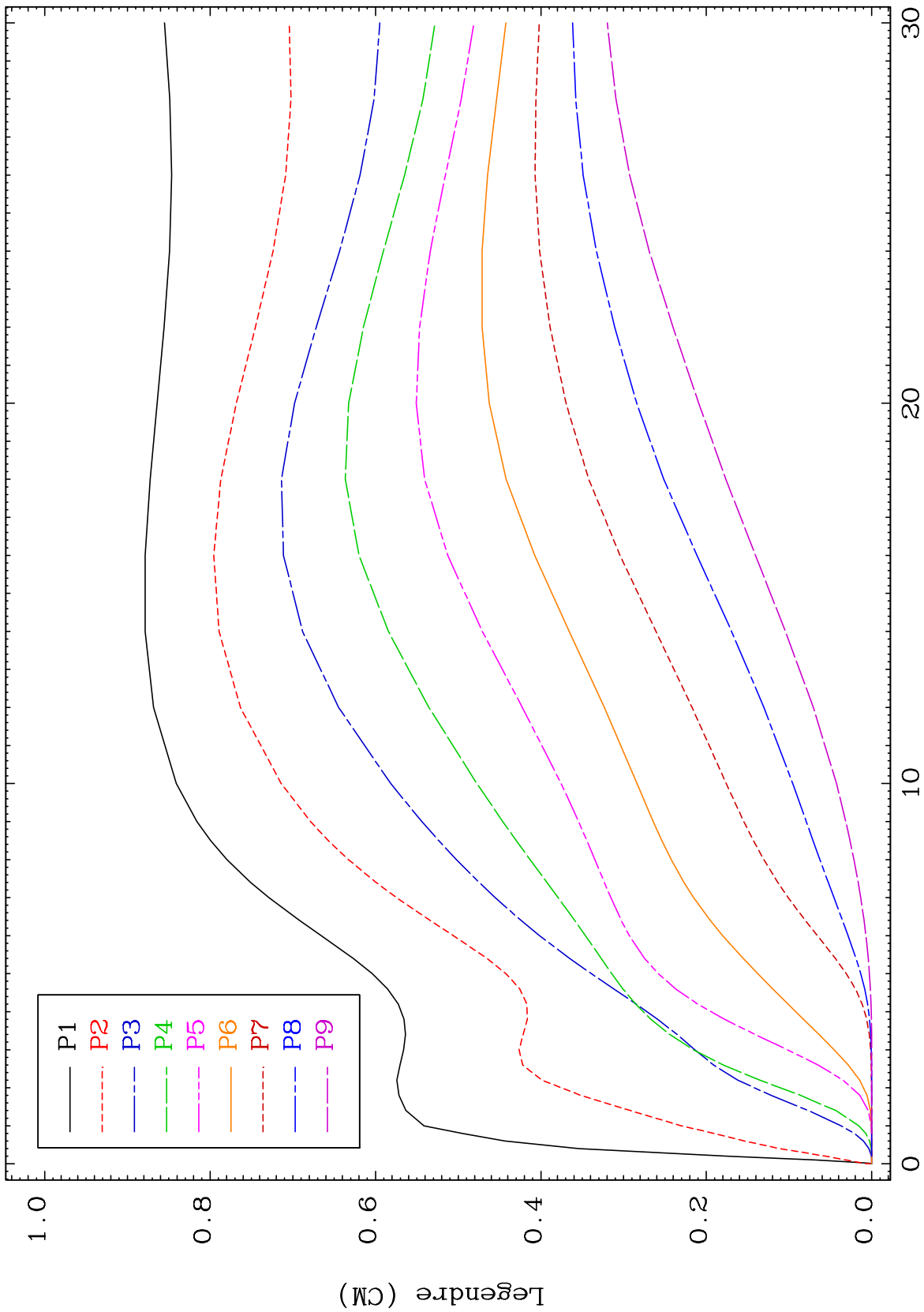
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40-Zr-101

MAT 4058

Elastic Legendre Coefficients

40-Zr-101



16

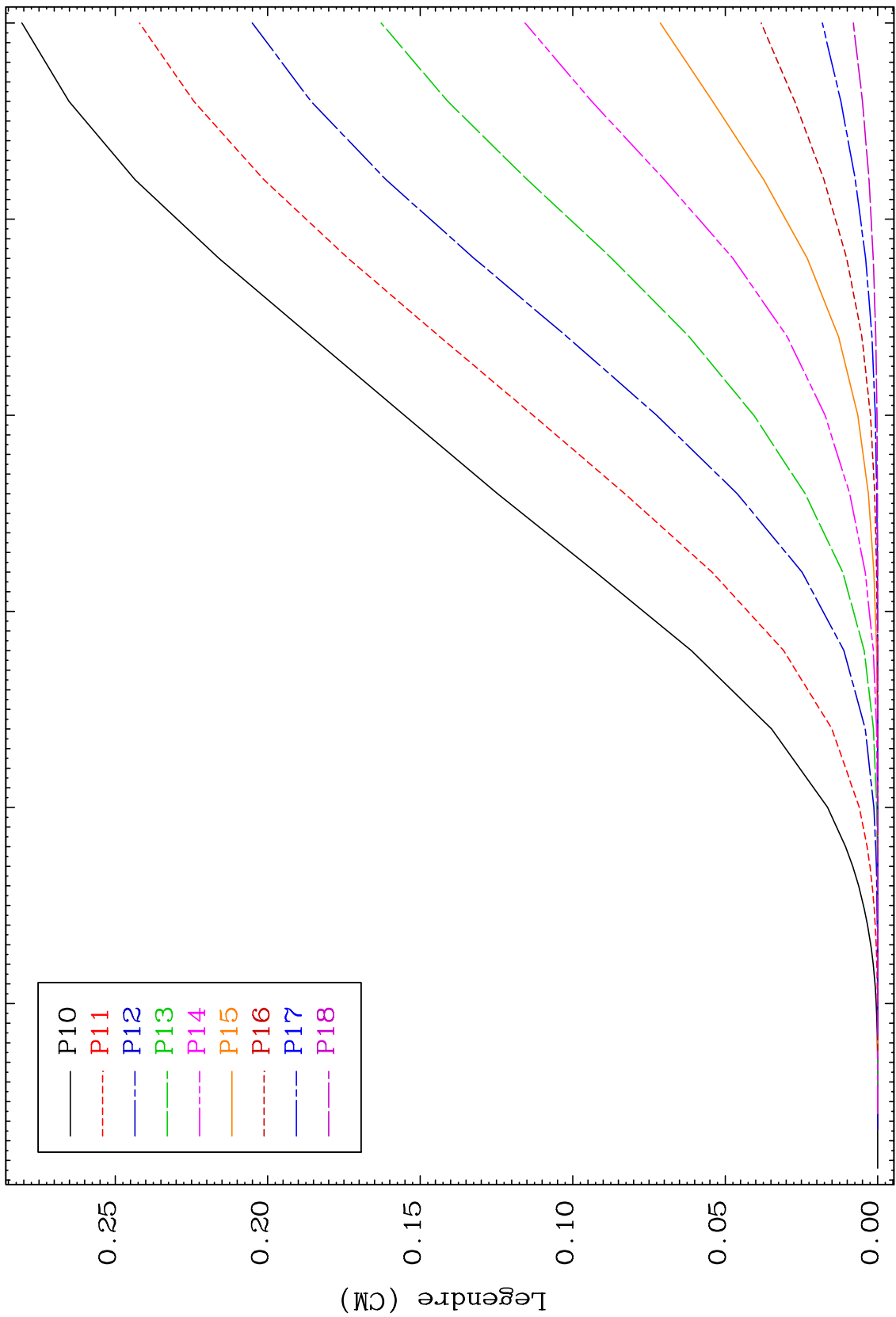
Incident Energy (MeV)

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MAT 4058

Elastic Legendre Coefficients

40-Zr-101



17

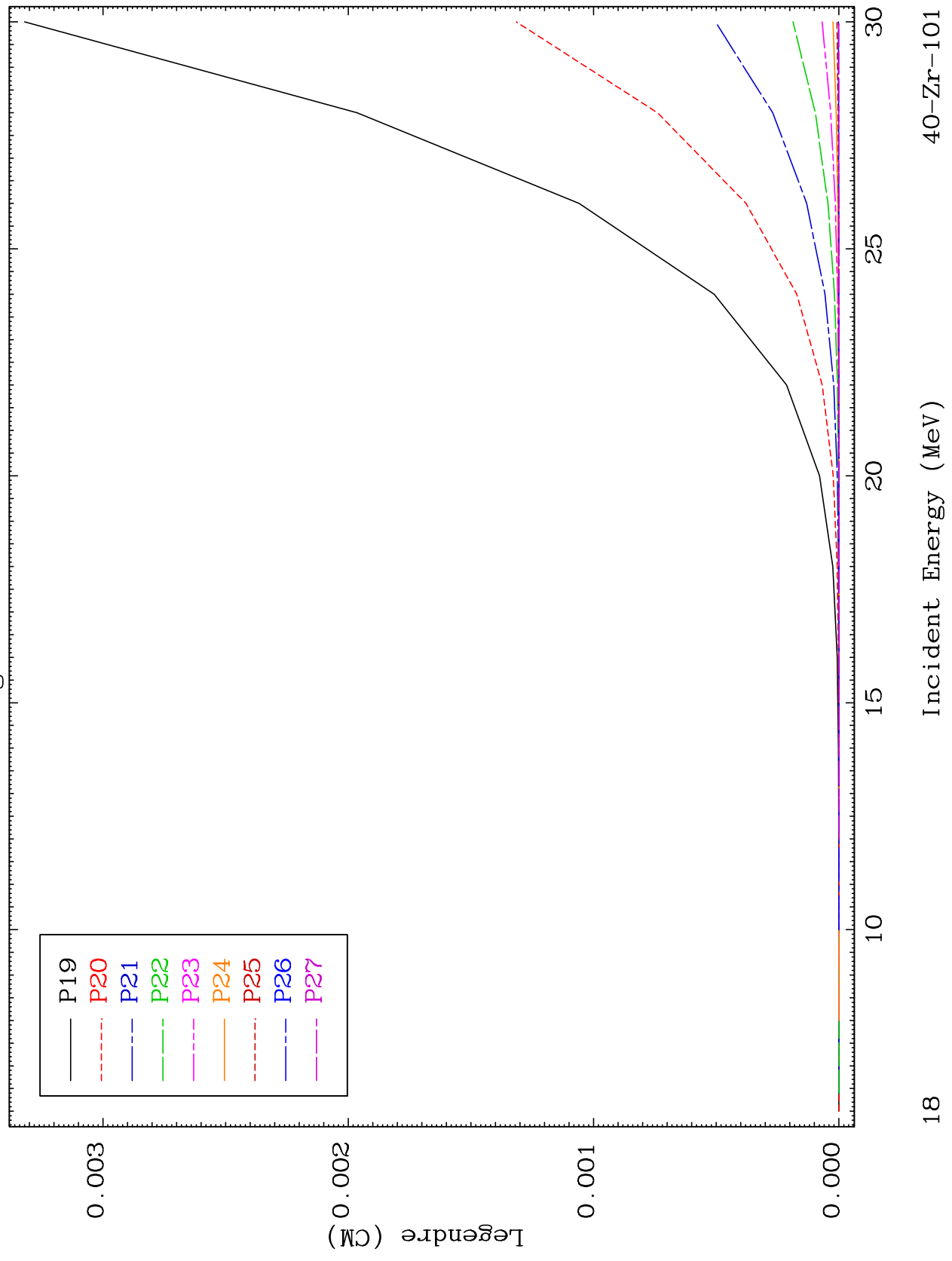
40-Zr-101

Incident Energy (MeV)

MAT 4058

Elastic Legendre Coefficients

40-Zr-101



18

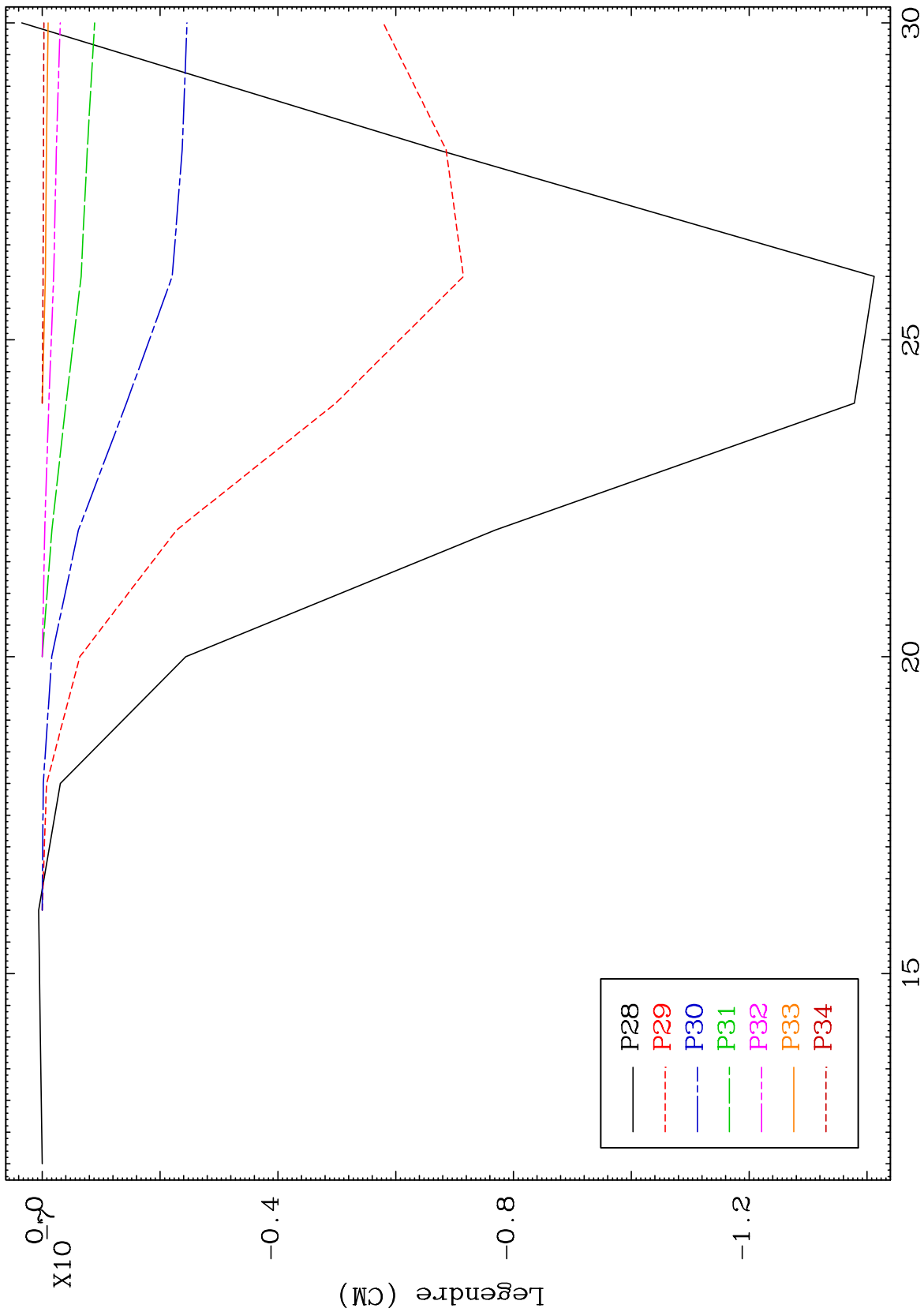
Incident Energy (MeV)

40-Zr-101

MAT 4058

40-Zr-101

Elastic Legendre Coefficients



19

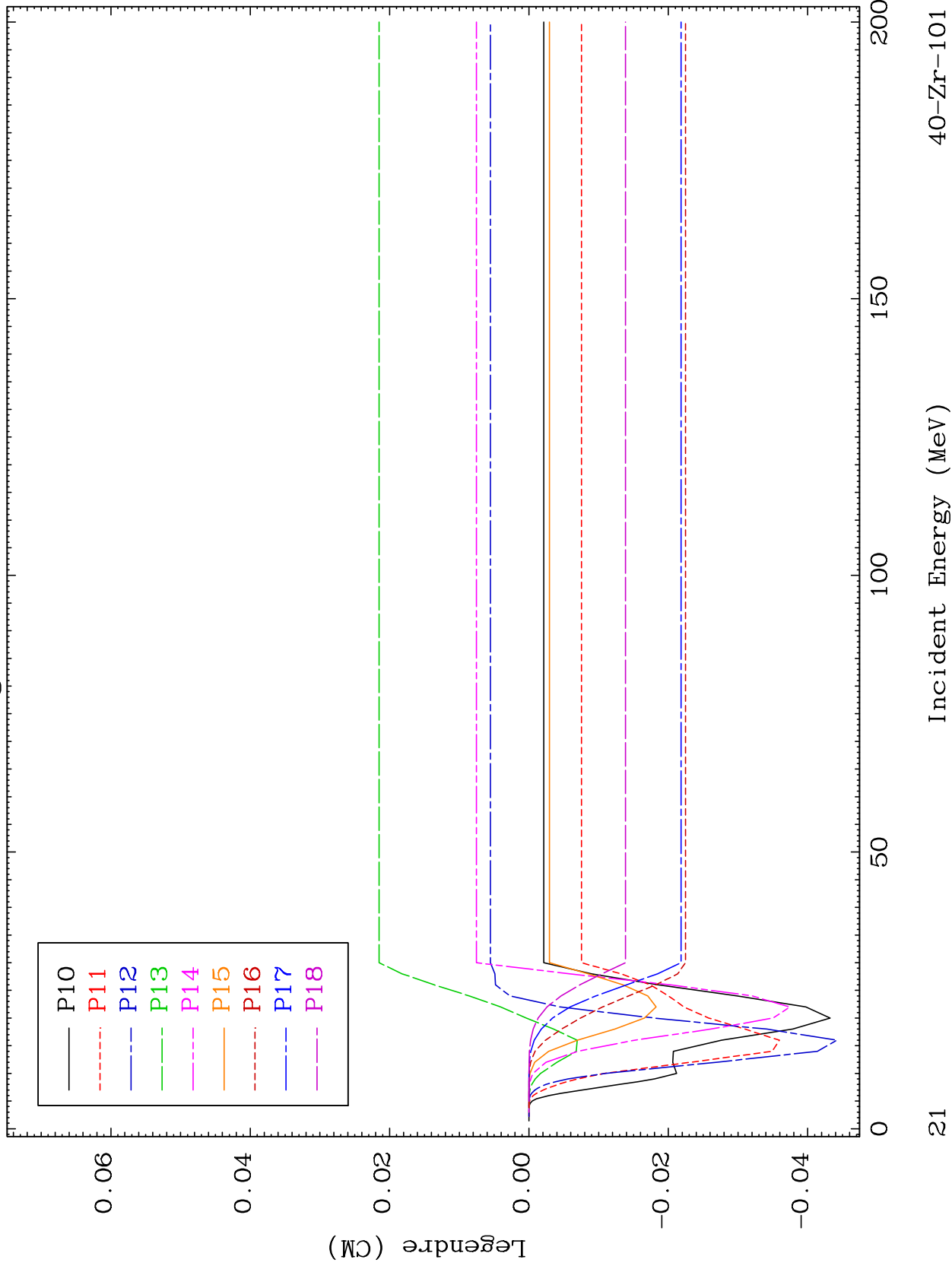
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

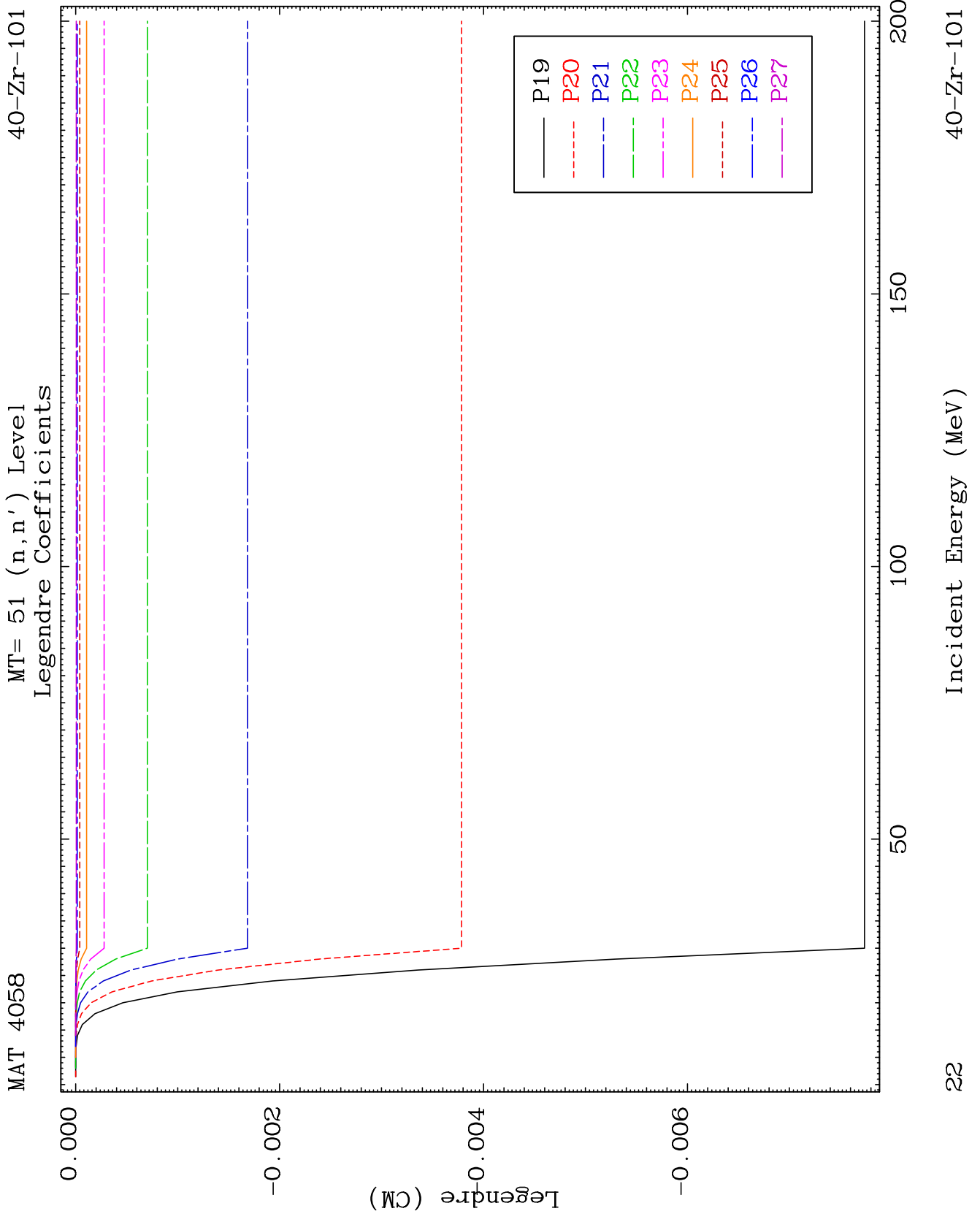
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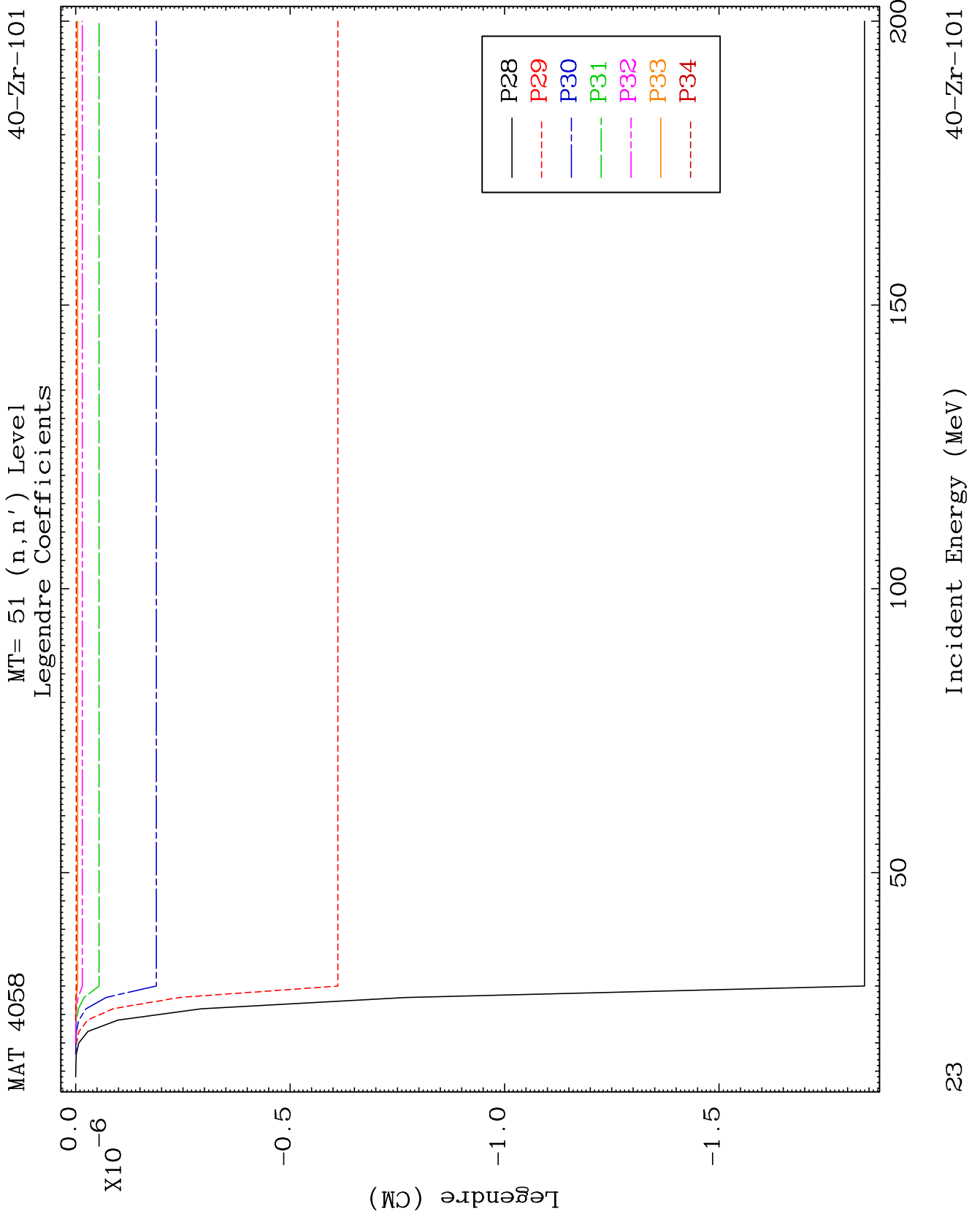


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Incident Energy (MeV)

40-Zr-101

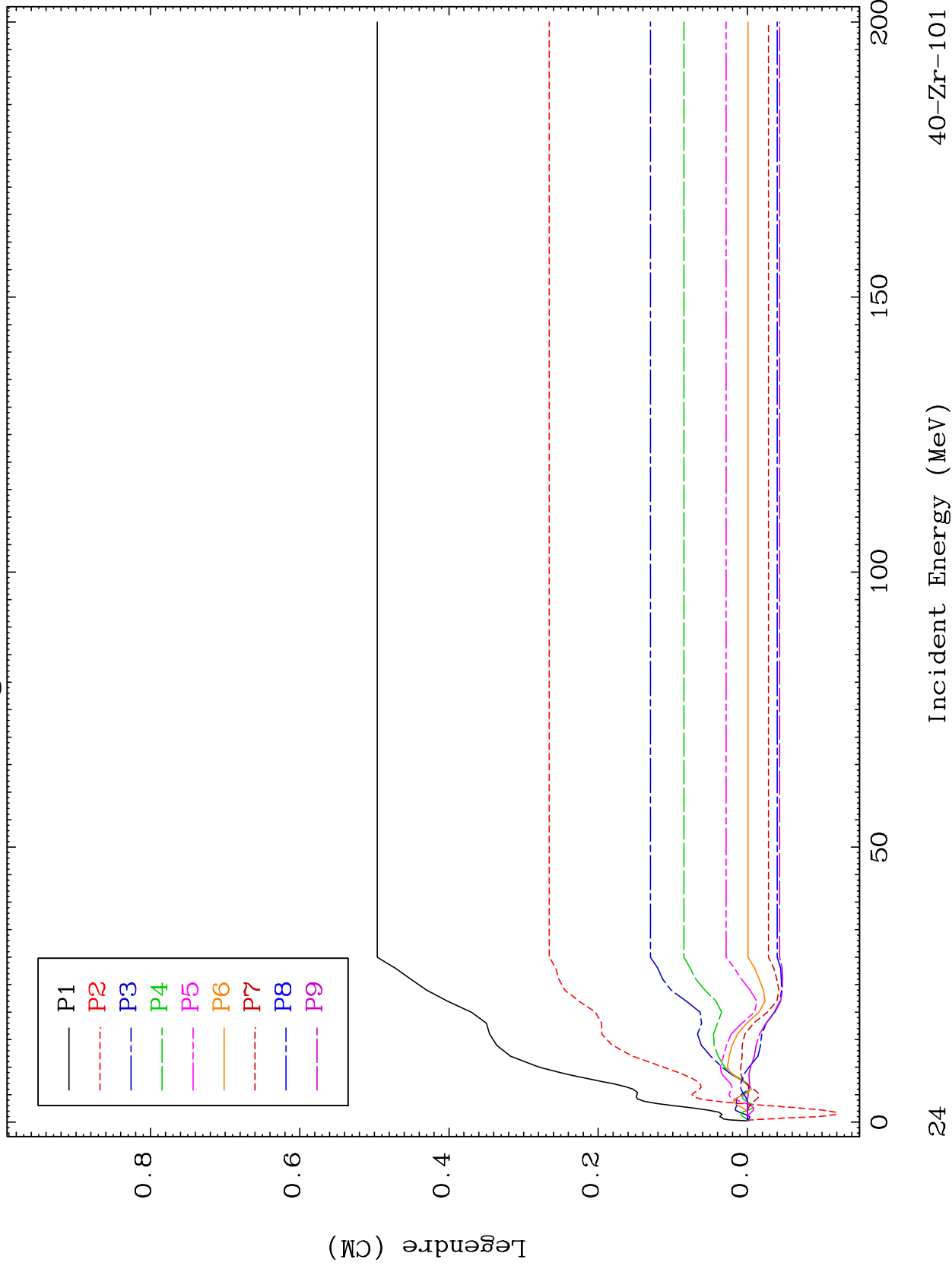




MAT 4058

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

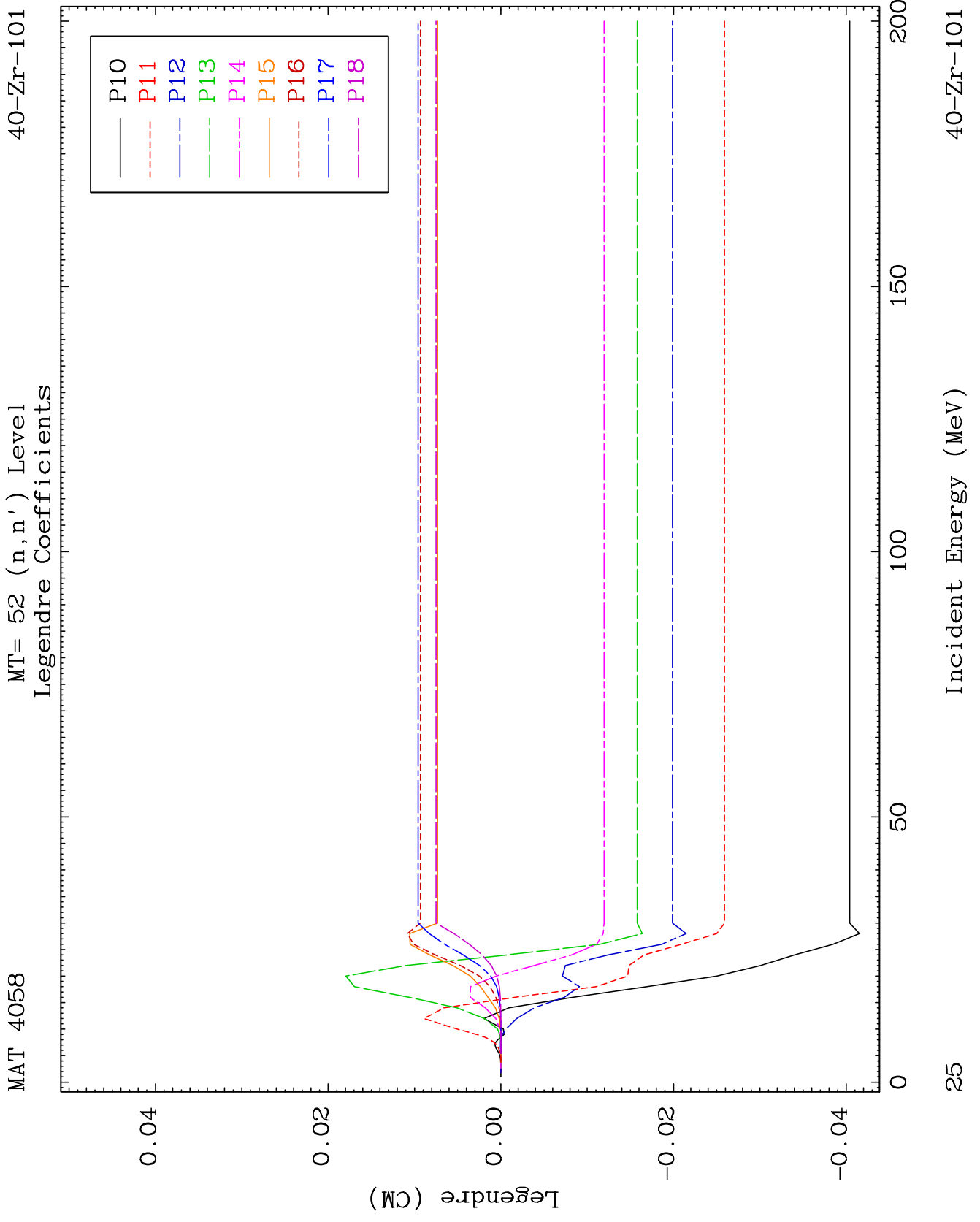
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24

Incident Energy (MeV)

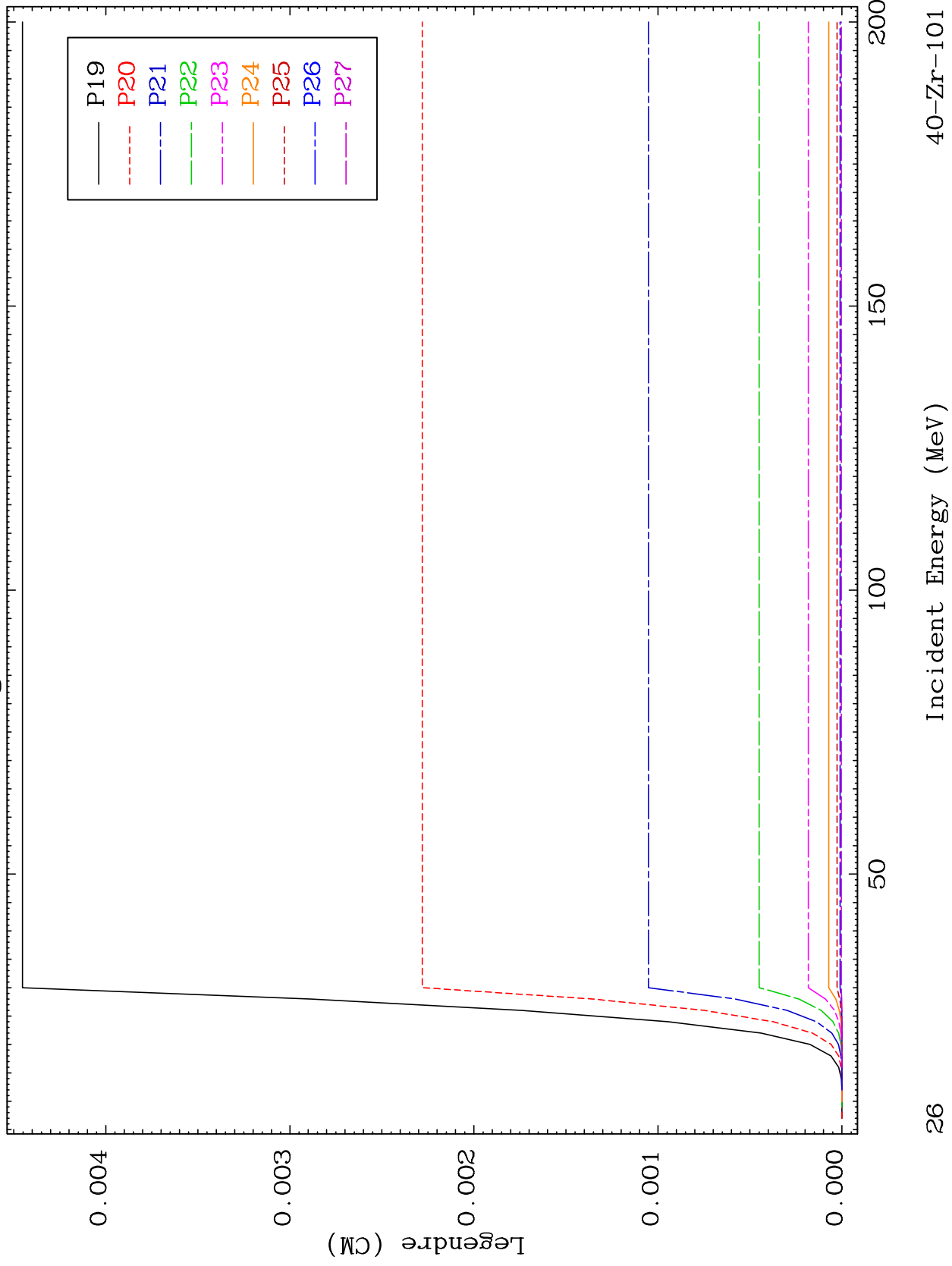
40-Zr-101



MAT 4058

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

40-Zr-101

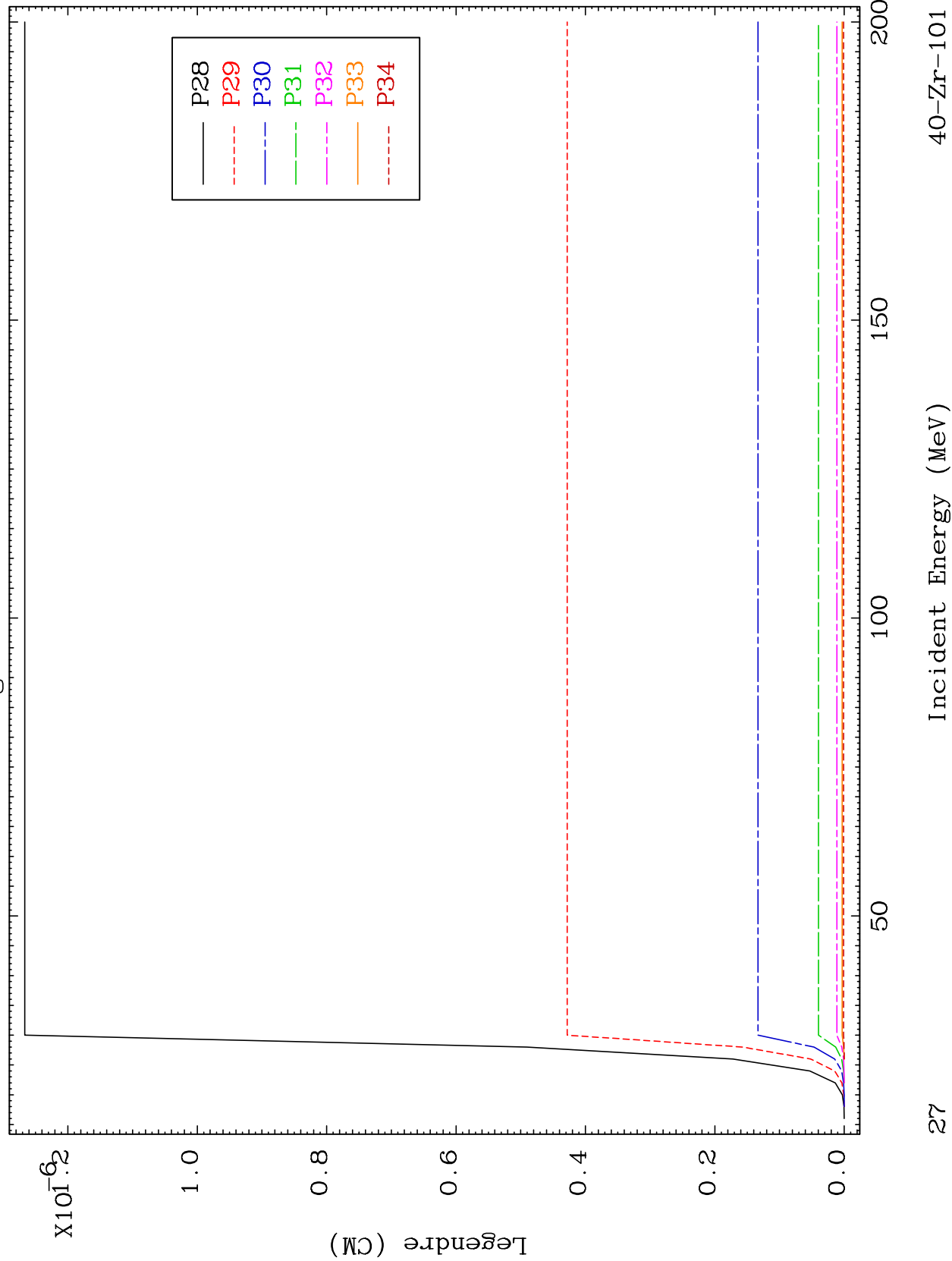


26

MAT 4058

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

40-Zr-101



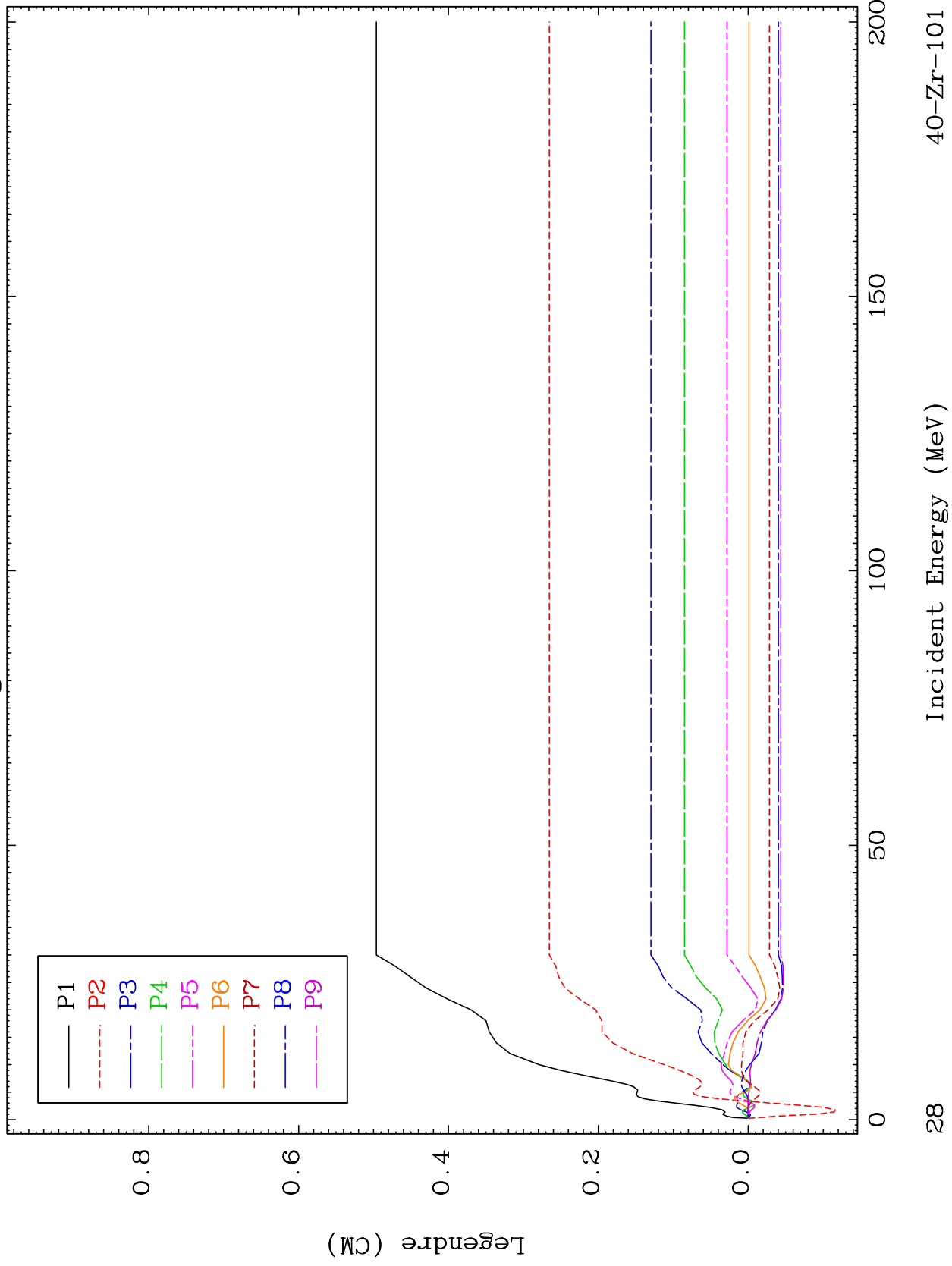
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40-Zr-101

MAT 4058

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

40-Zr-101



28

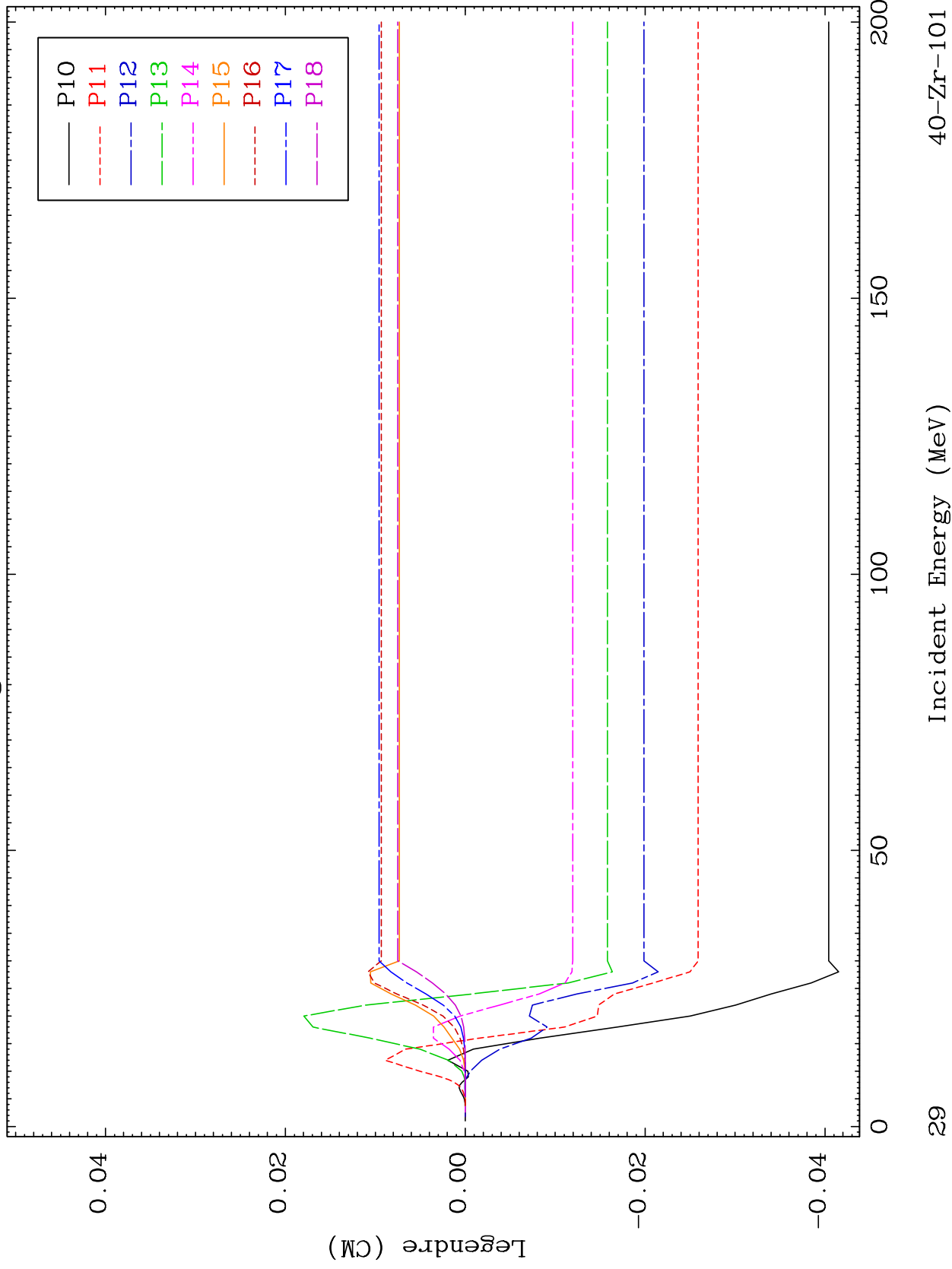
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

40-Zr-101



29

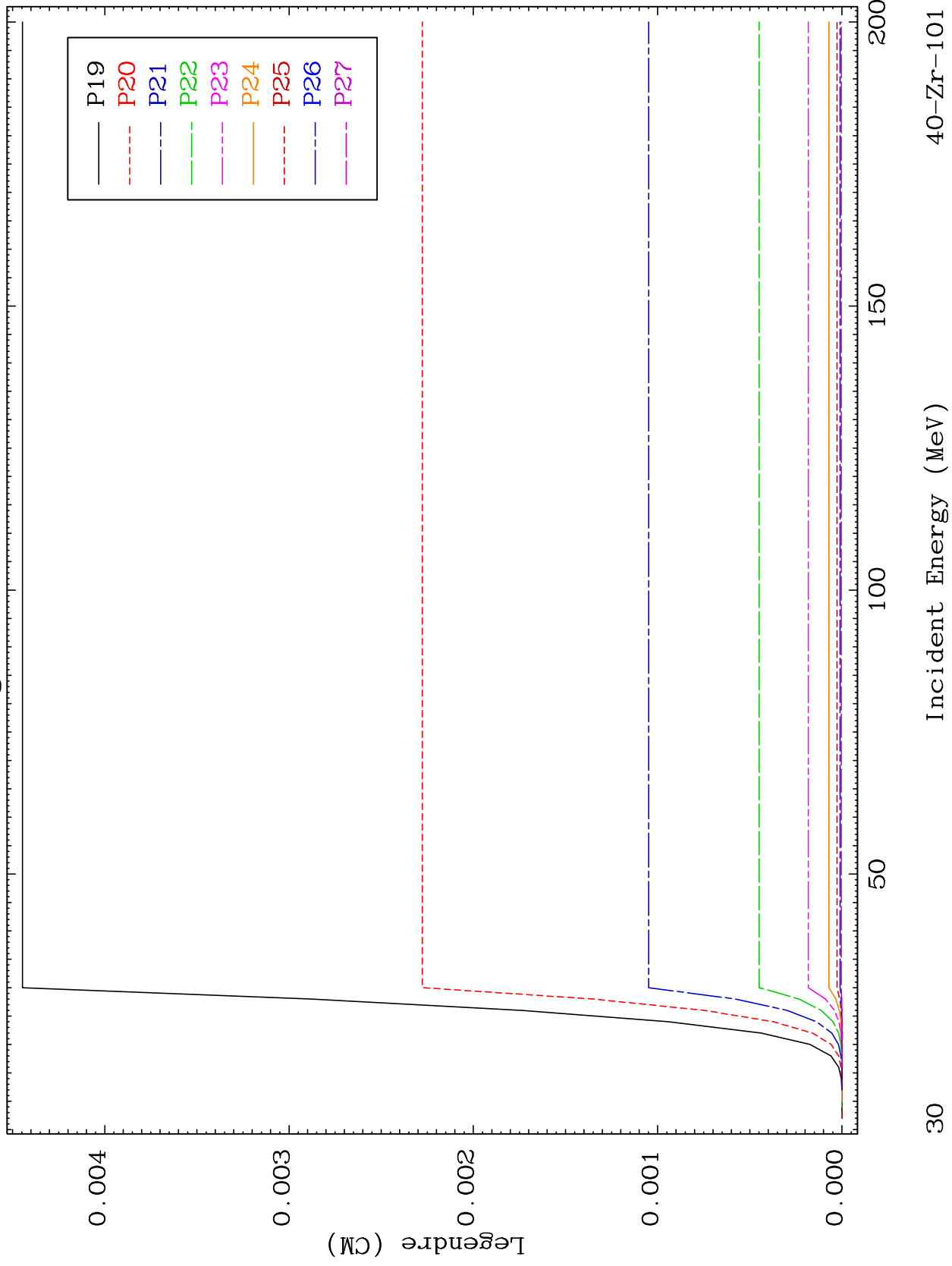
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

40-Zr-101



40-Zr-101

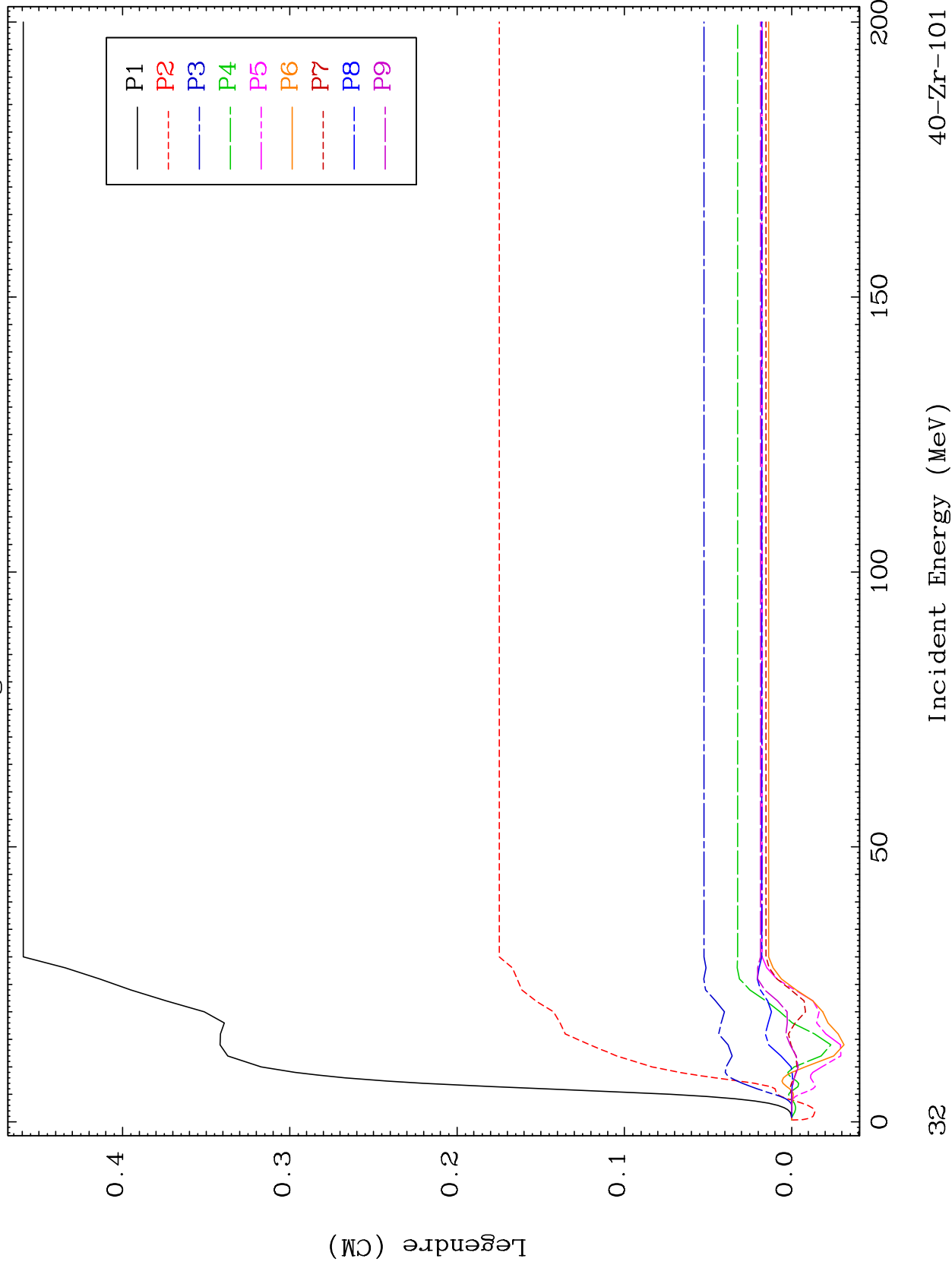
Incident Energy (MeV)

30

MAT 4058

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

40-Zr-101



32

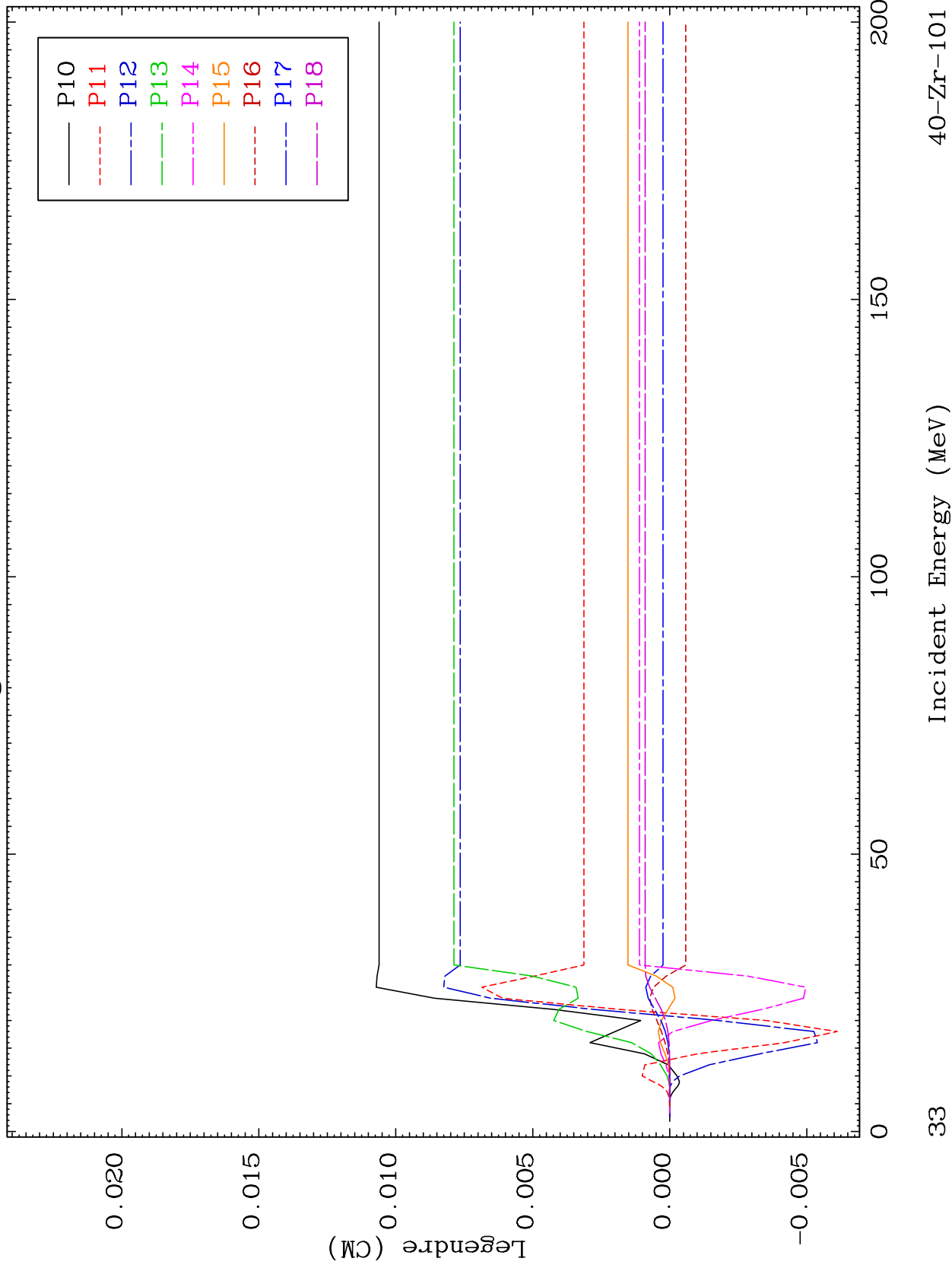
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

40-Zr-101



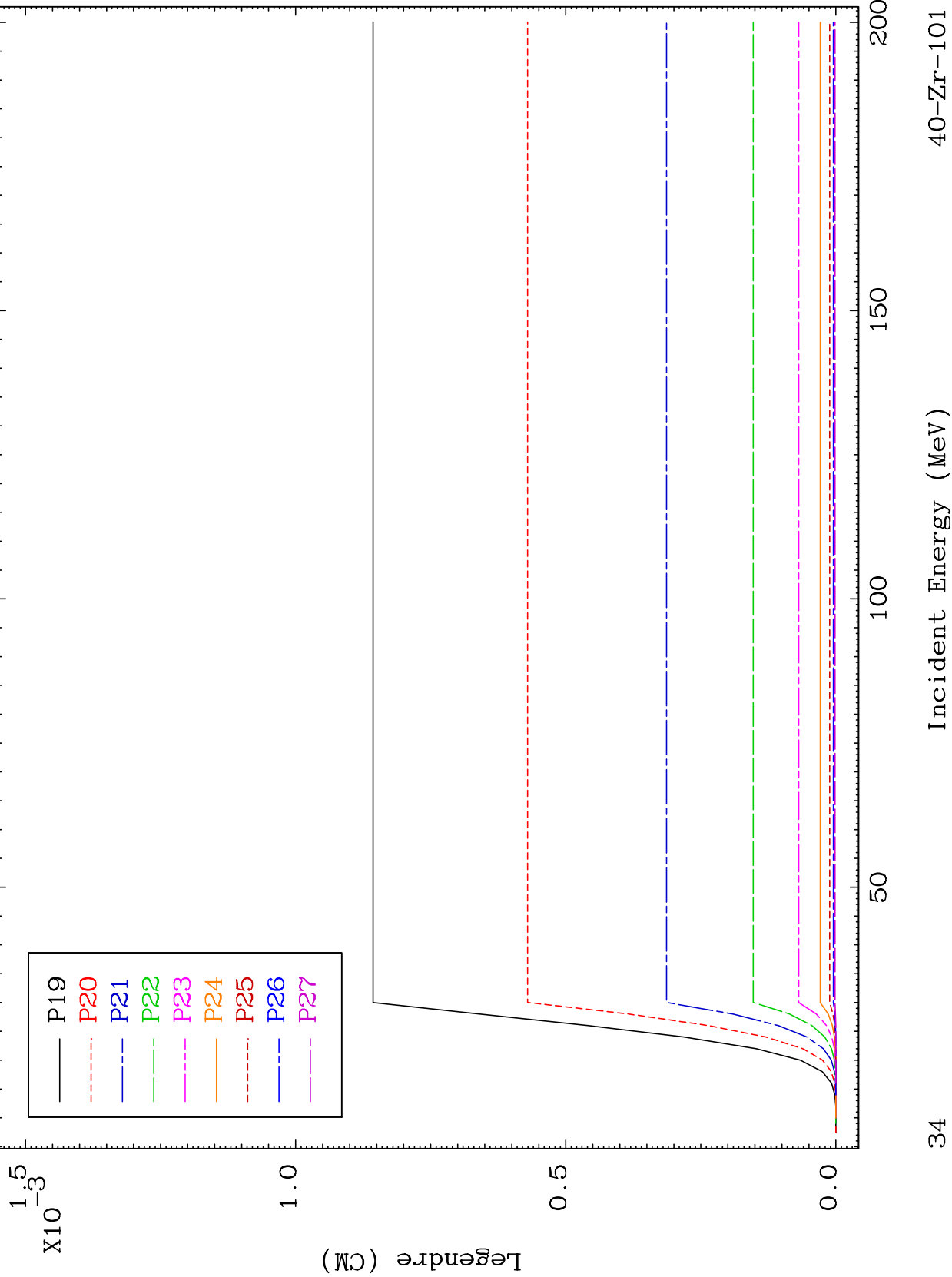
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40-Zr-101

MAT 4058

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

40-Zr-101

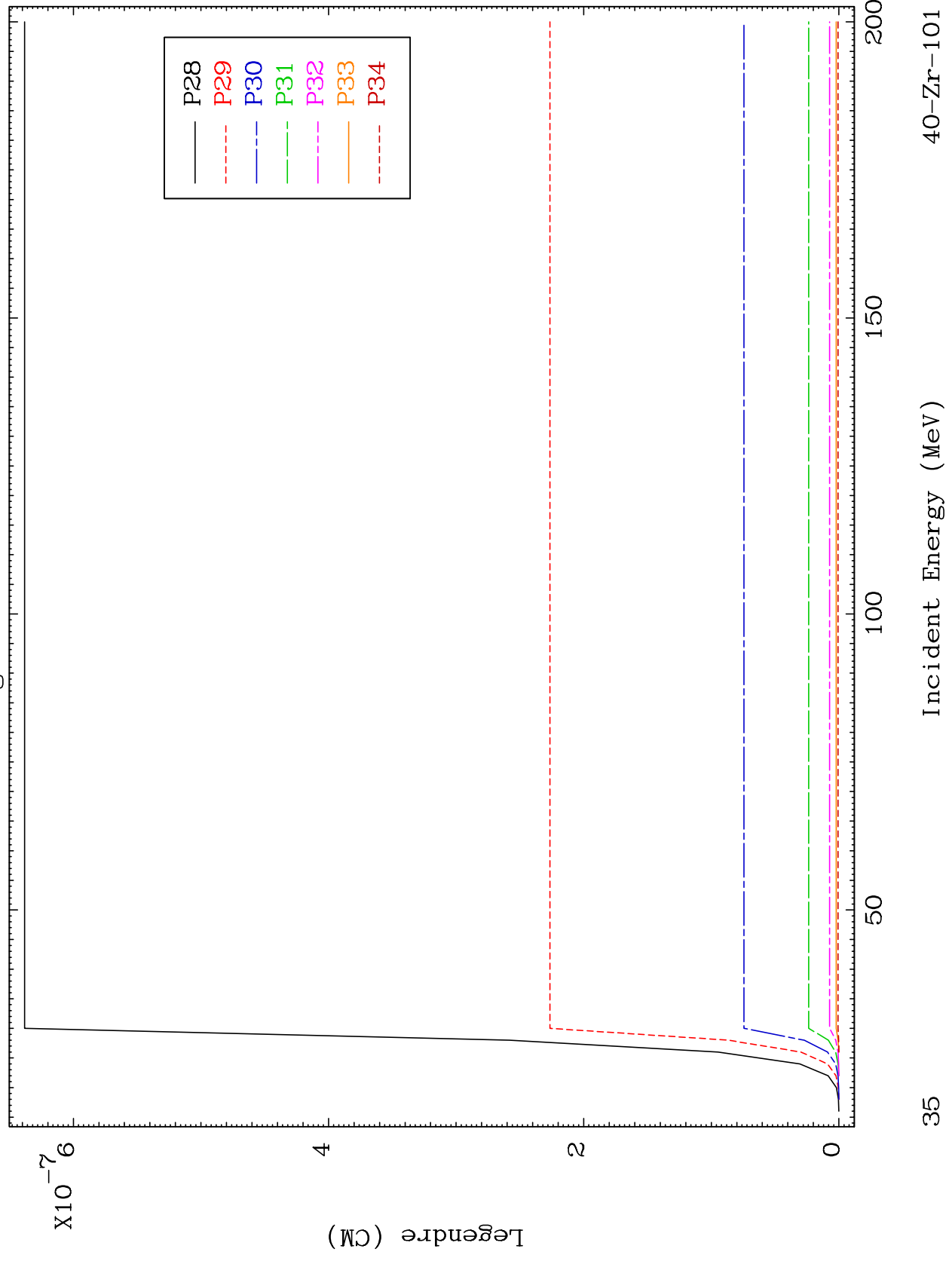


34

MAT 4058

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

40-Zr-101



35

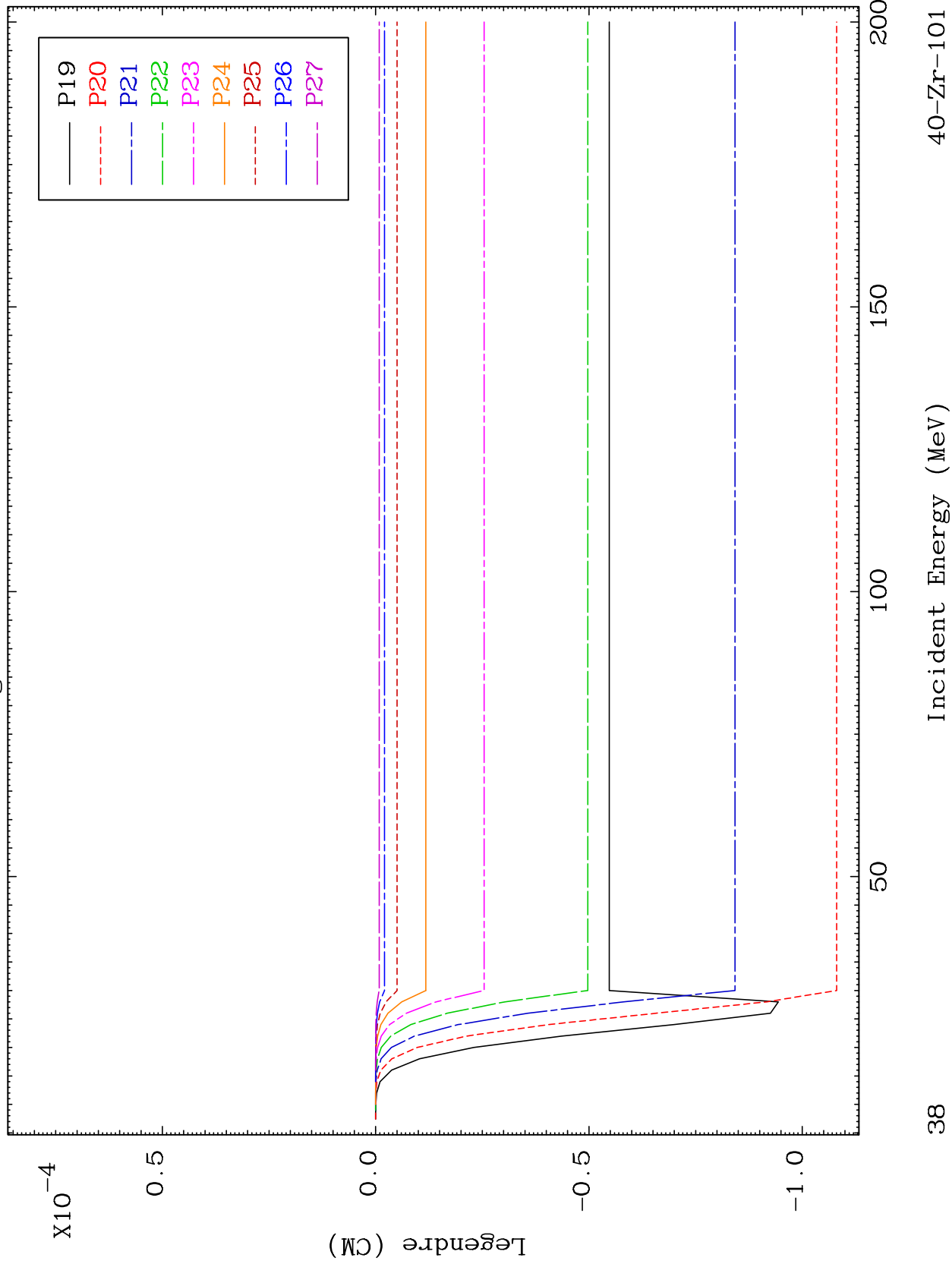
Incident Energy (MeV)

40-Zr-101

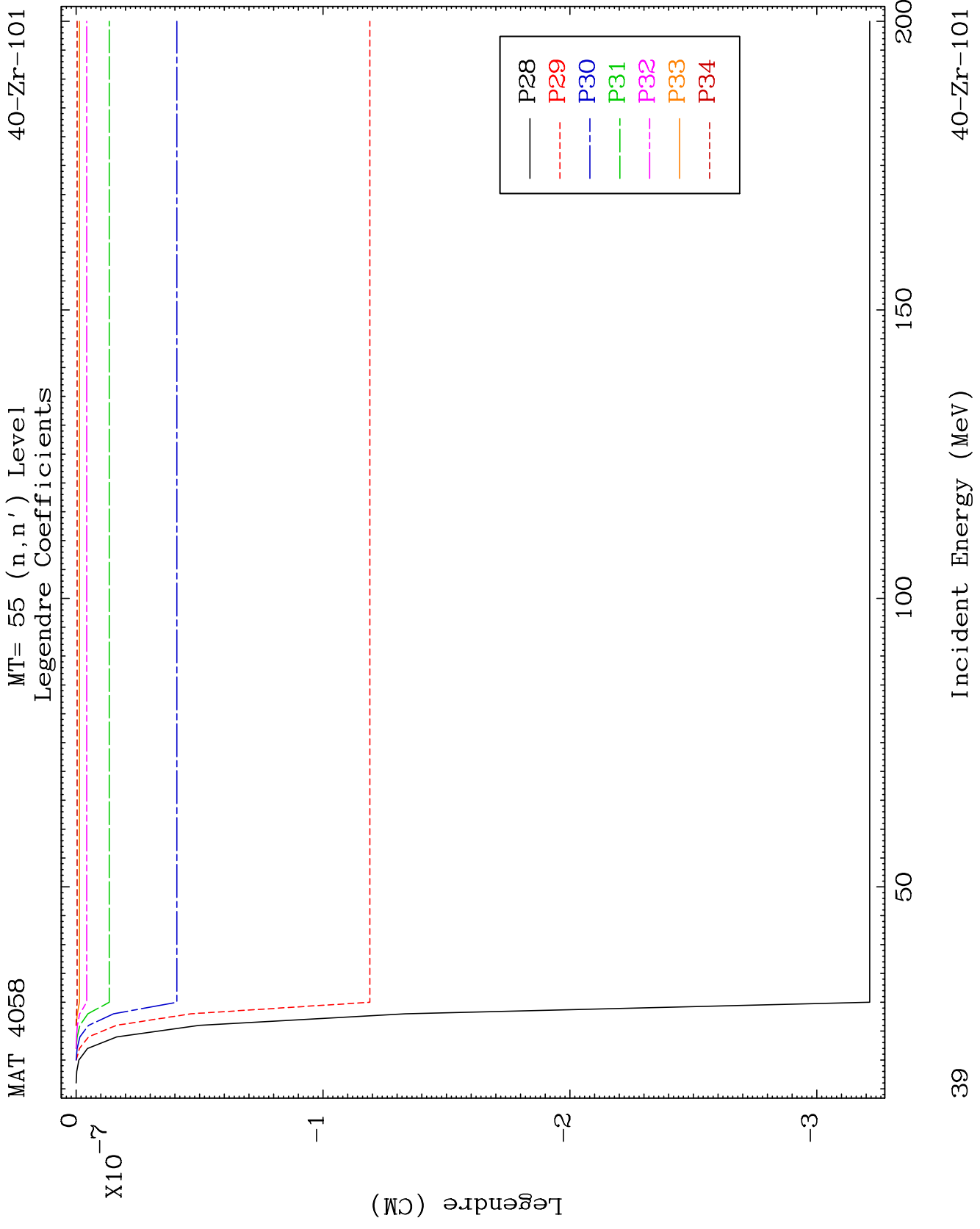
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MT= 55 (n,n') Level
Legendre Coefficients

40-Zr-101



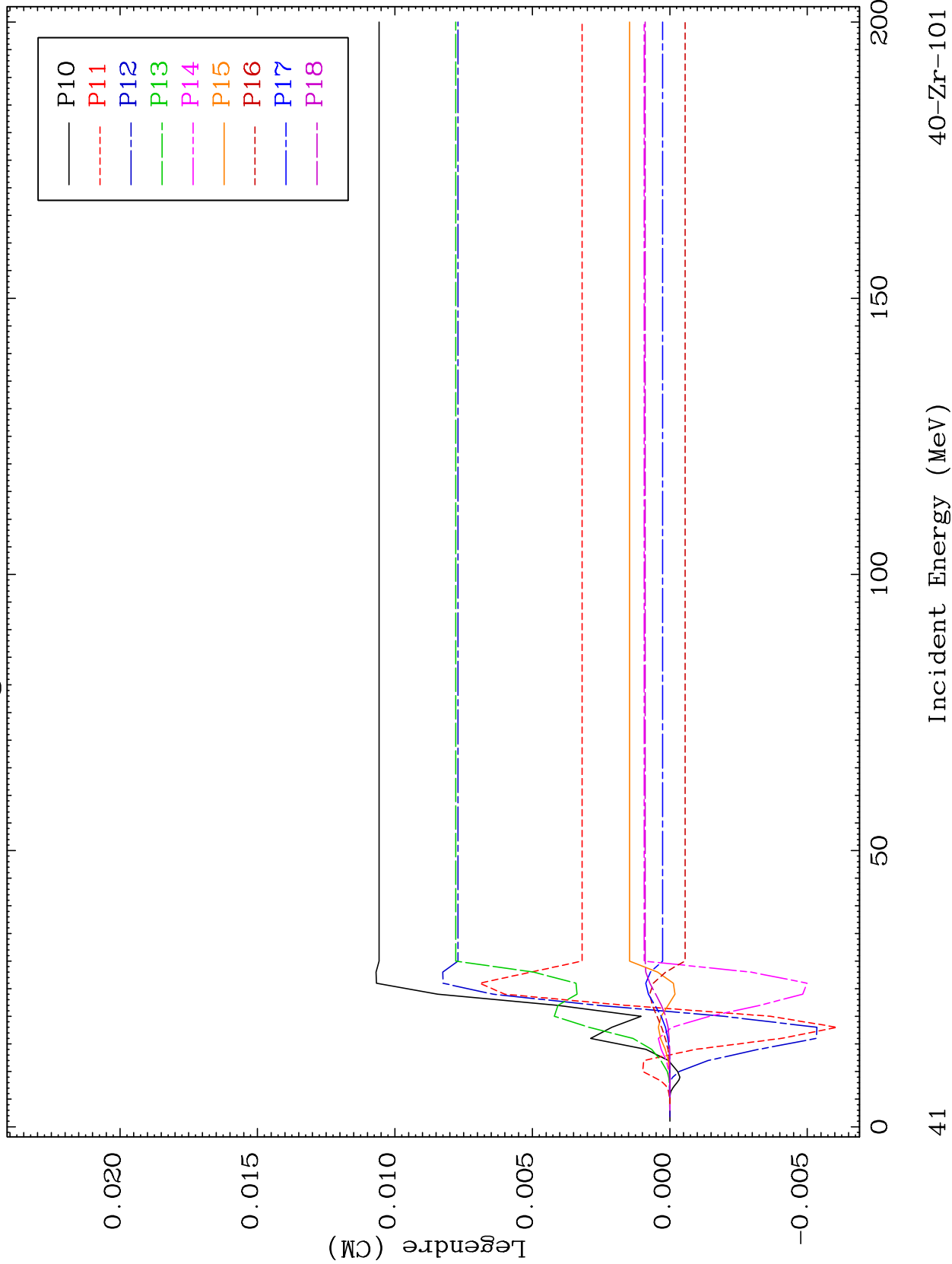
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MAT 4058

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

40-Zr-101



41

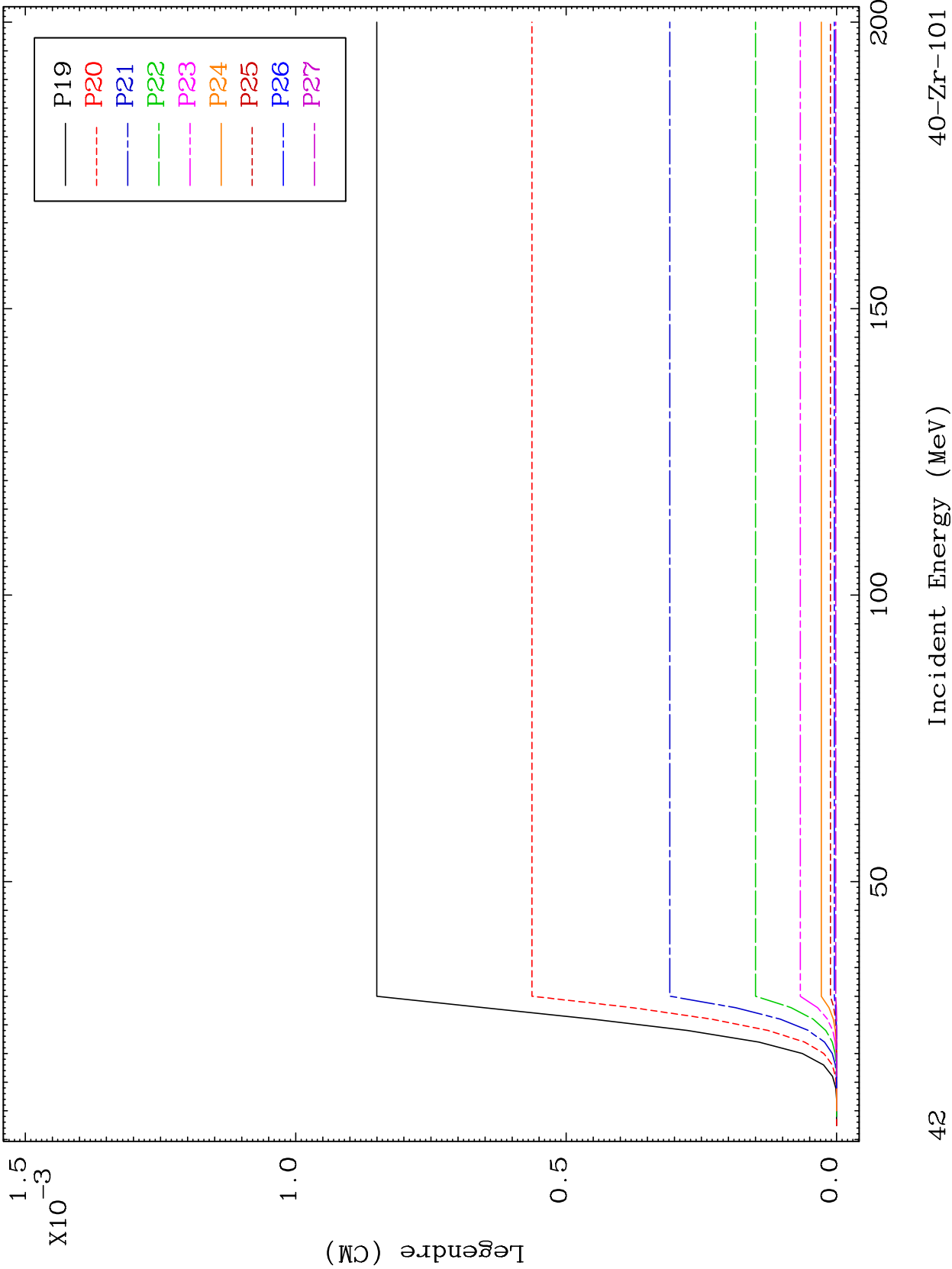
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

40-Zr-101



42

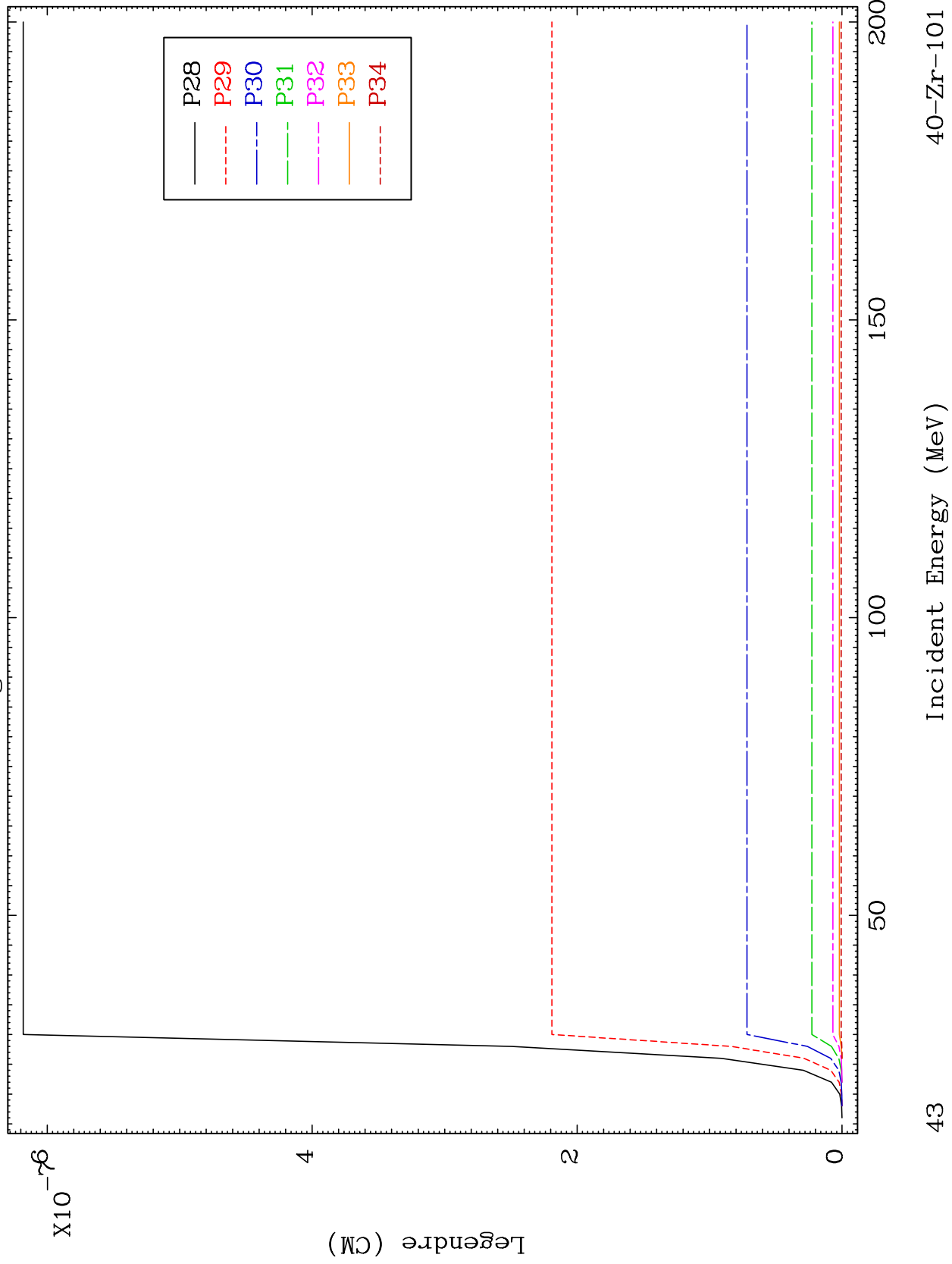
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

40-Zr-101



43

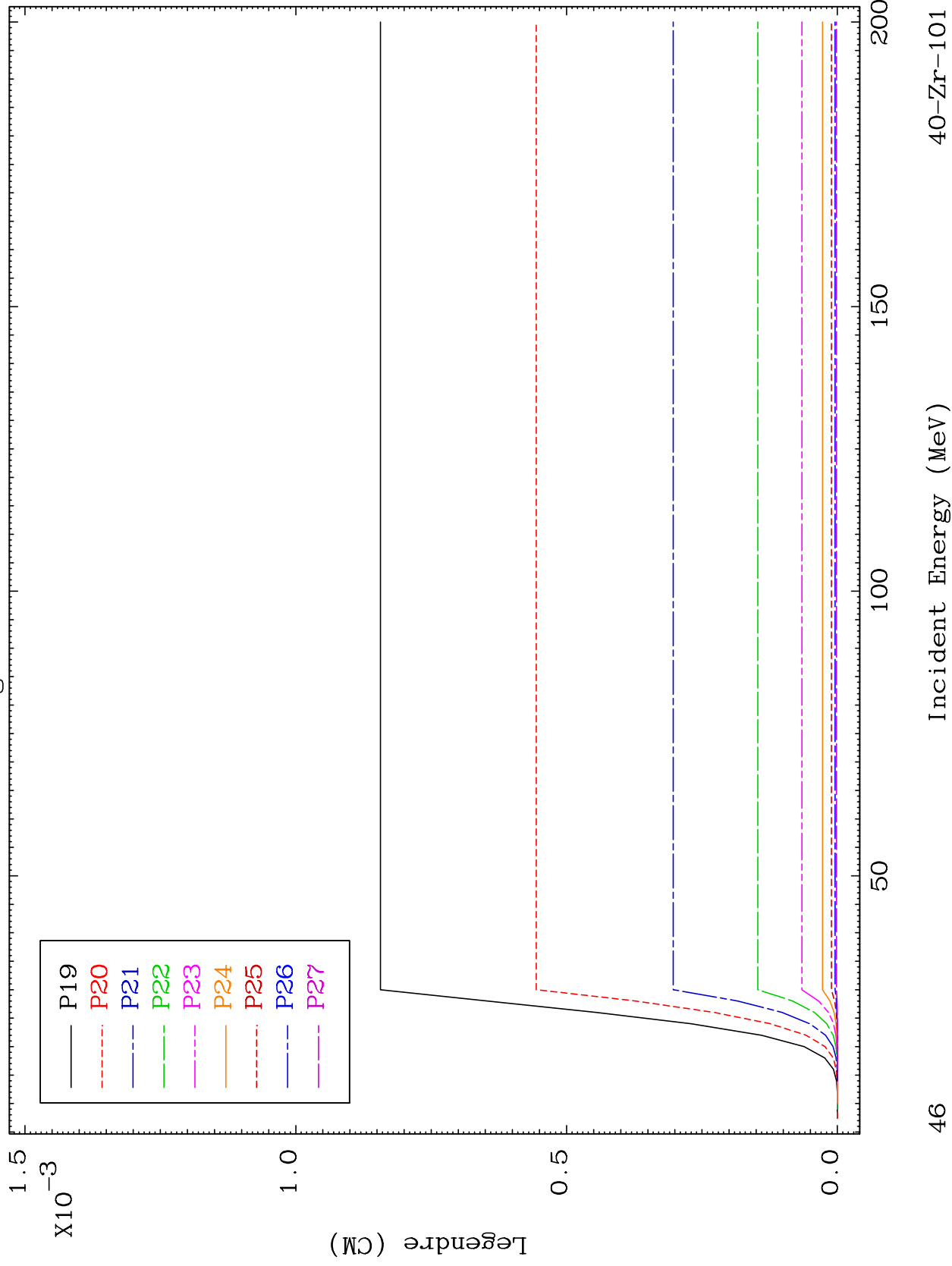
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

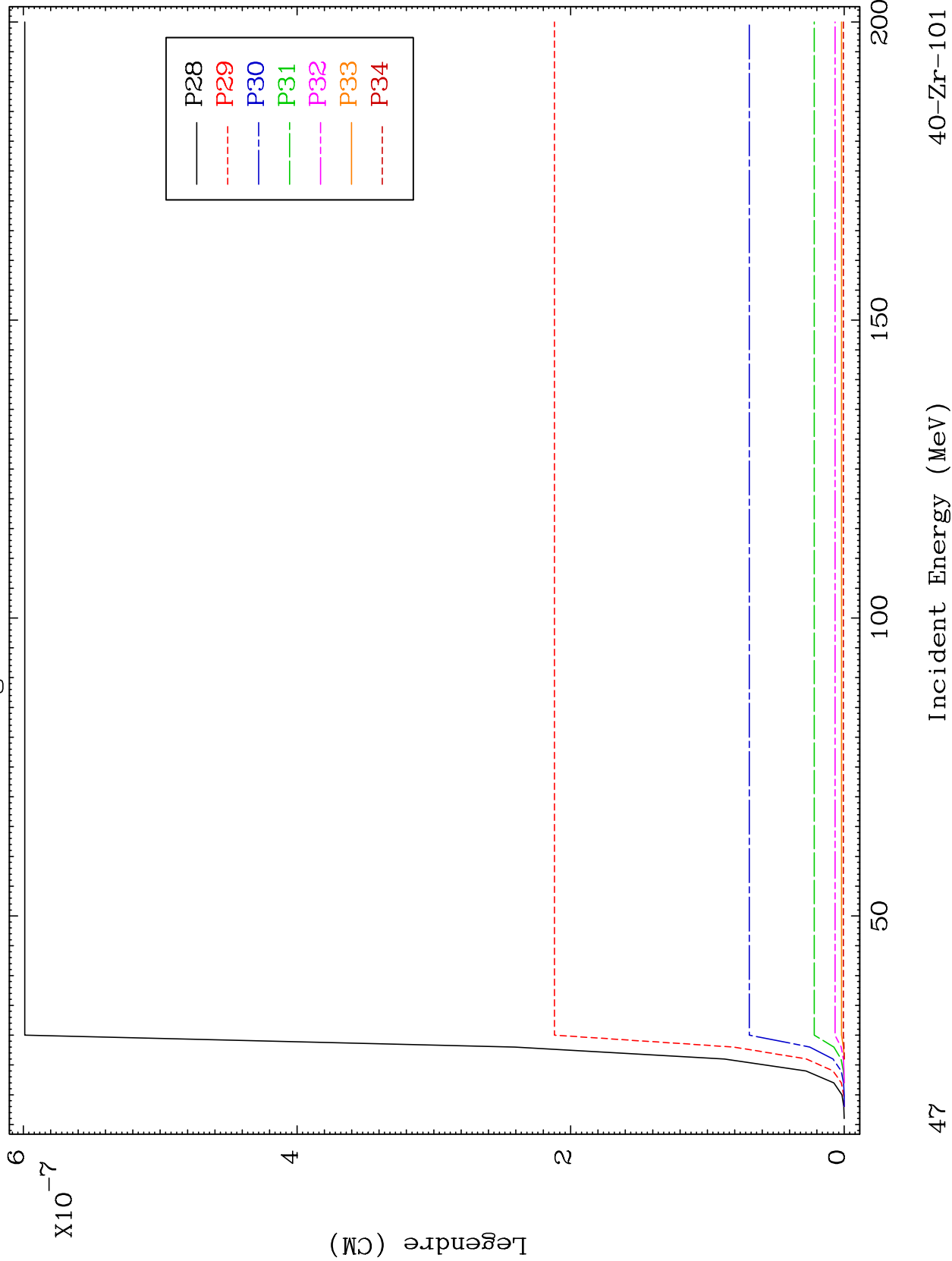
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MAT 4058

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

40-Zr-101



47

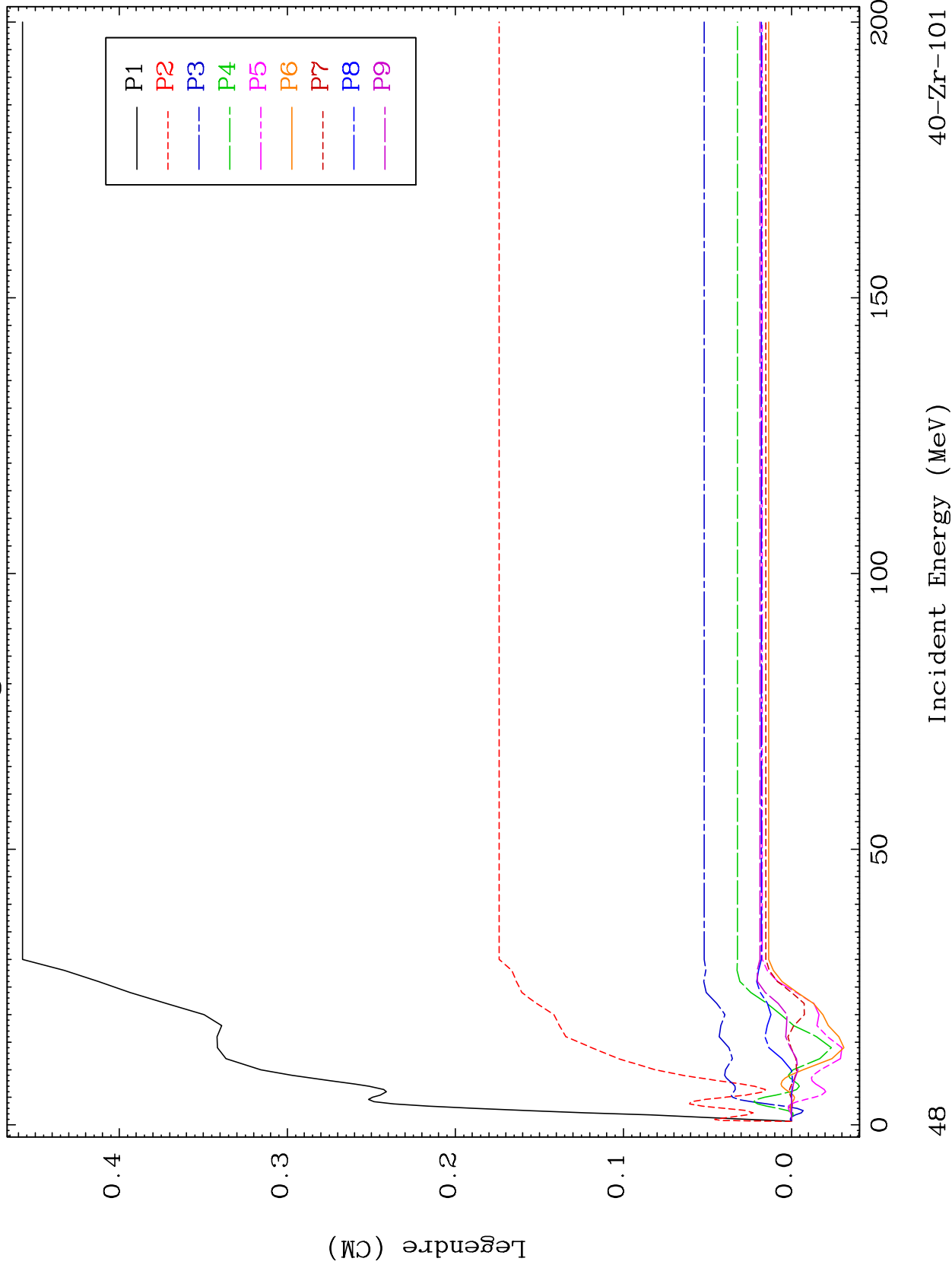
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

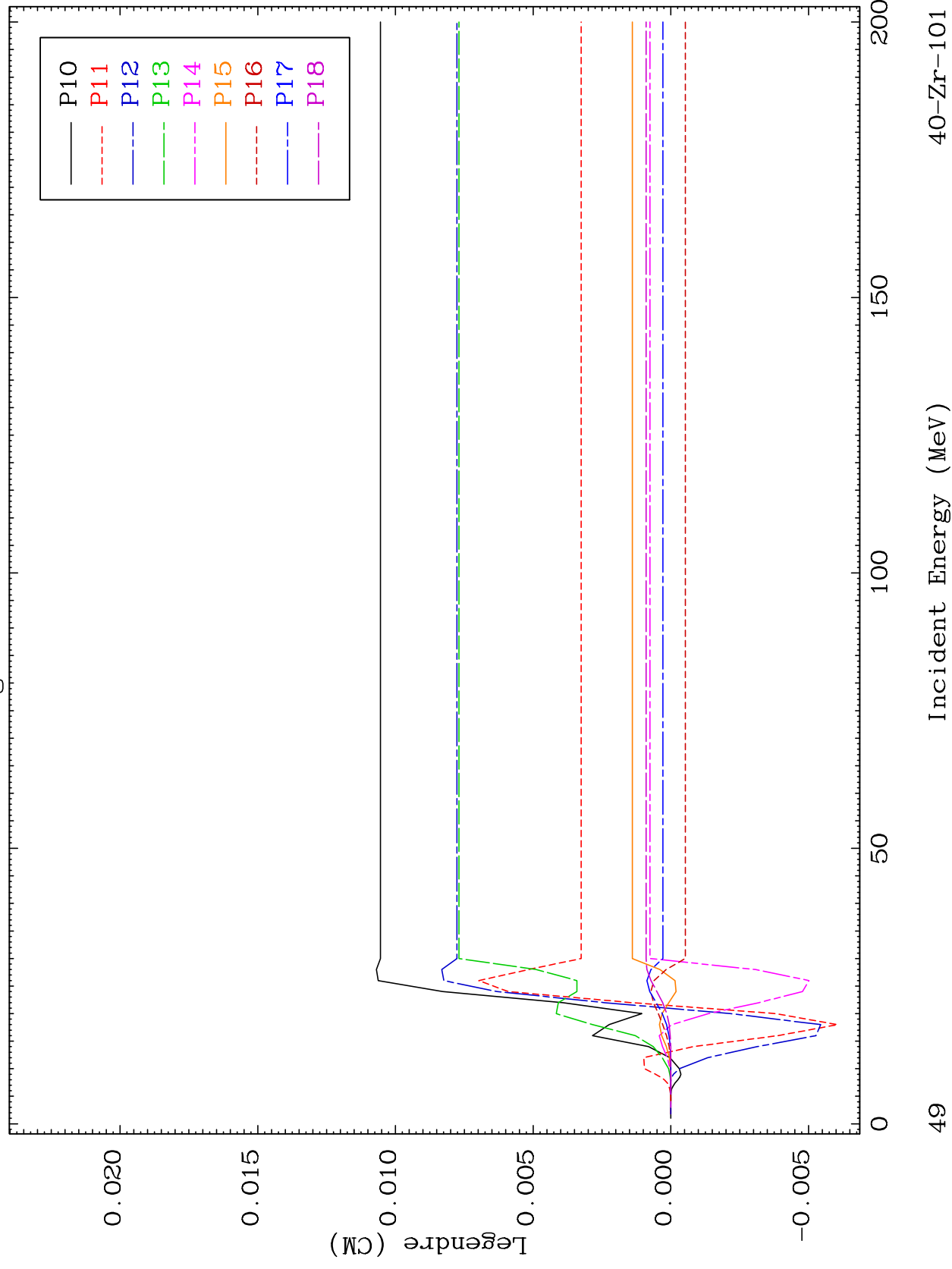
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MAT 4058

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

40-Zr-101



49

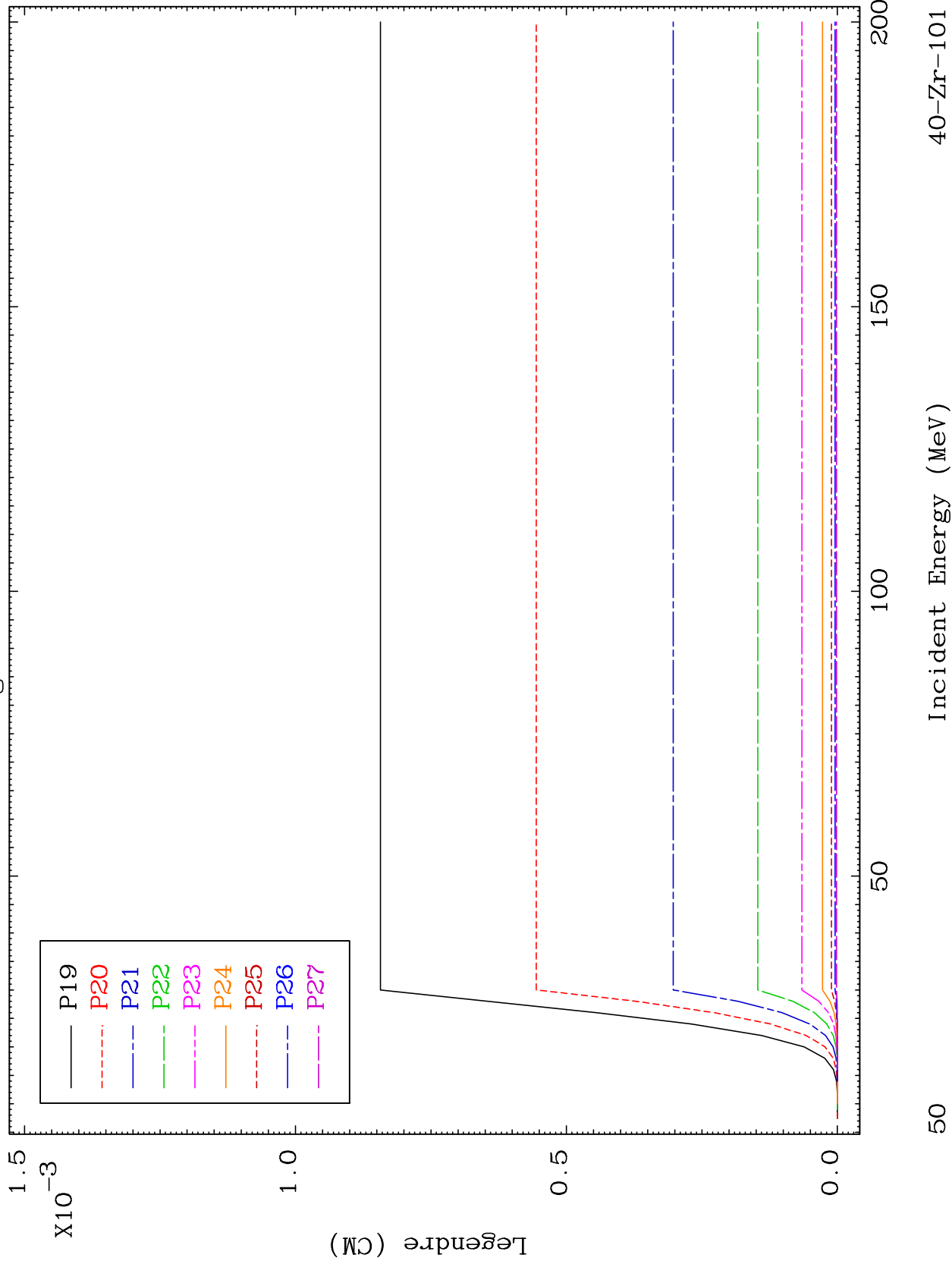
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

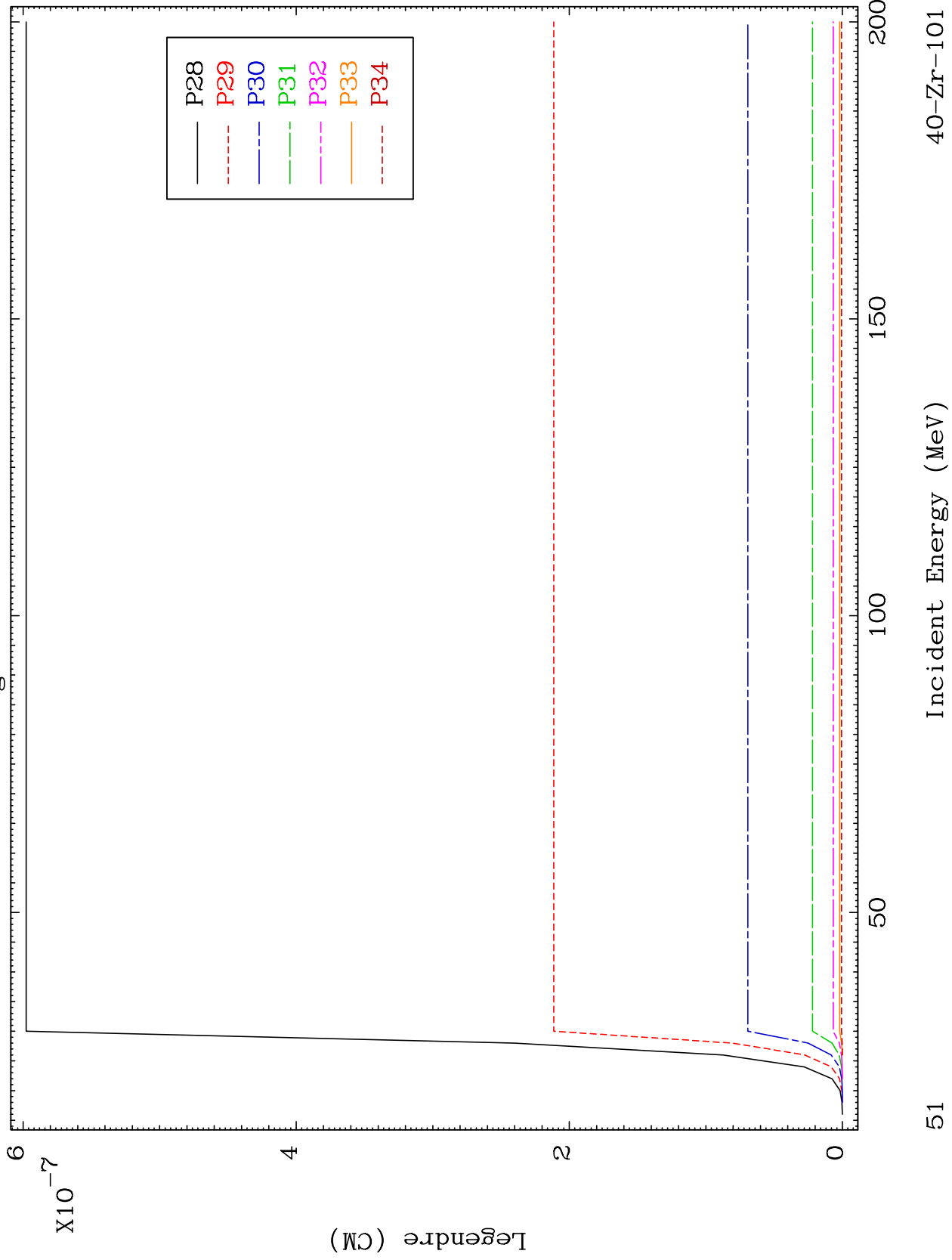
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MAT 4058

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

40-Zr-101



51

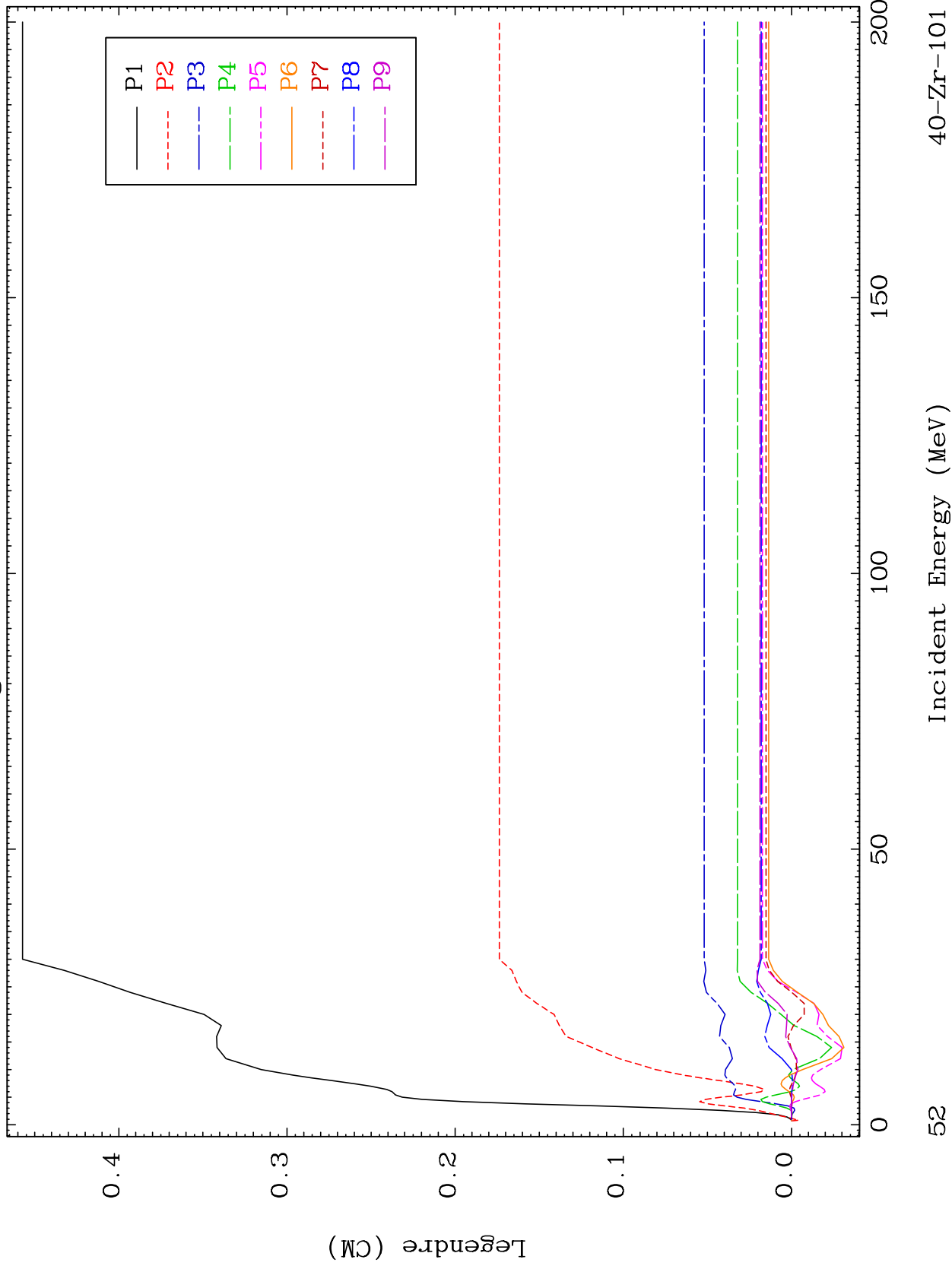
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

40-Zr-101



40-Zr-101

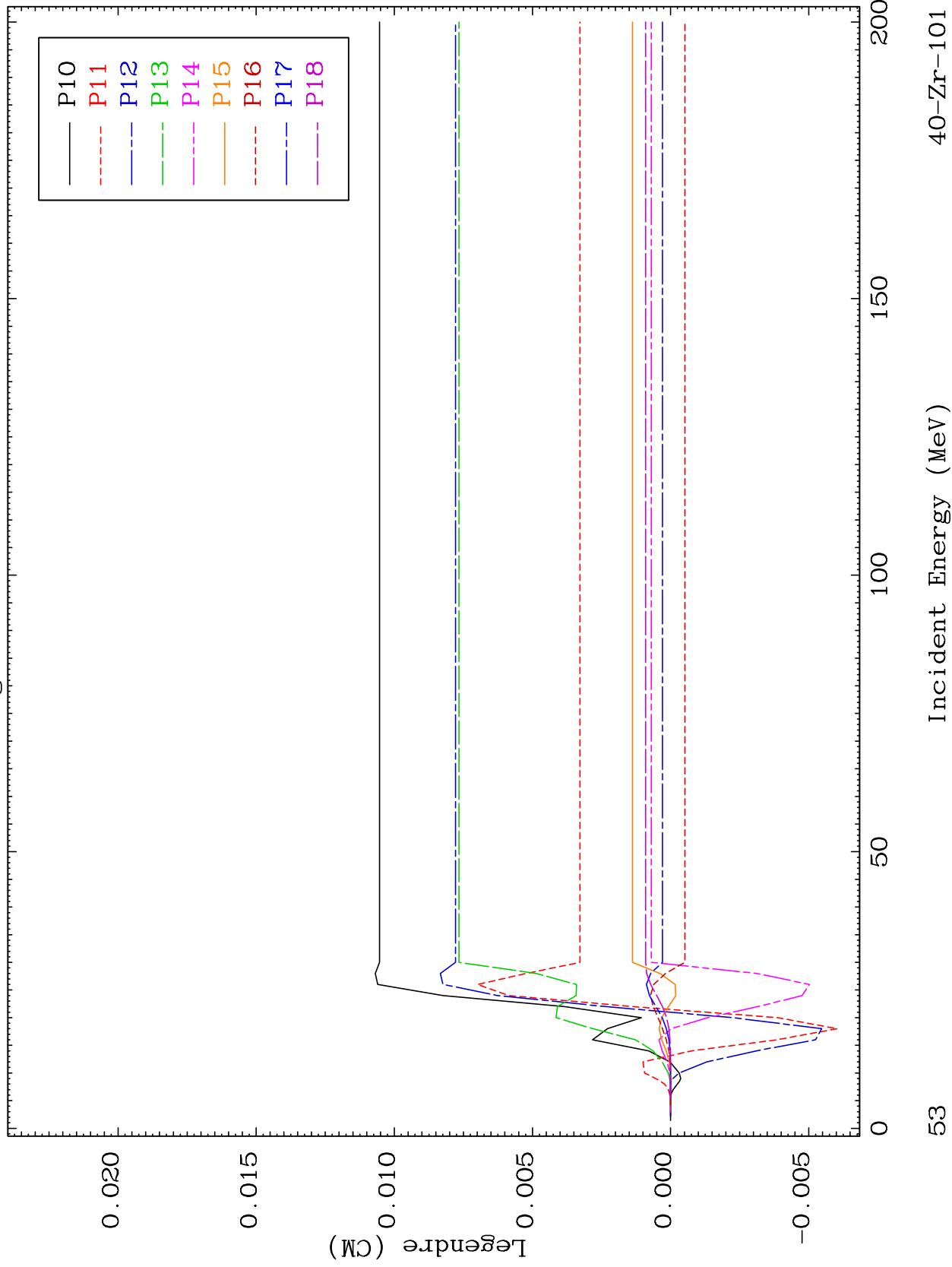
Incident Energy (MeV)

52

MAT 4058

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

40-Zr-101



53

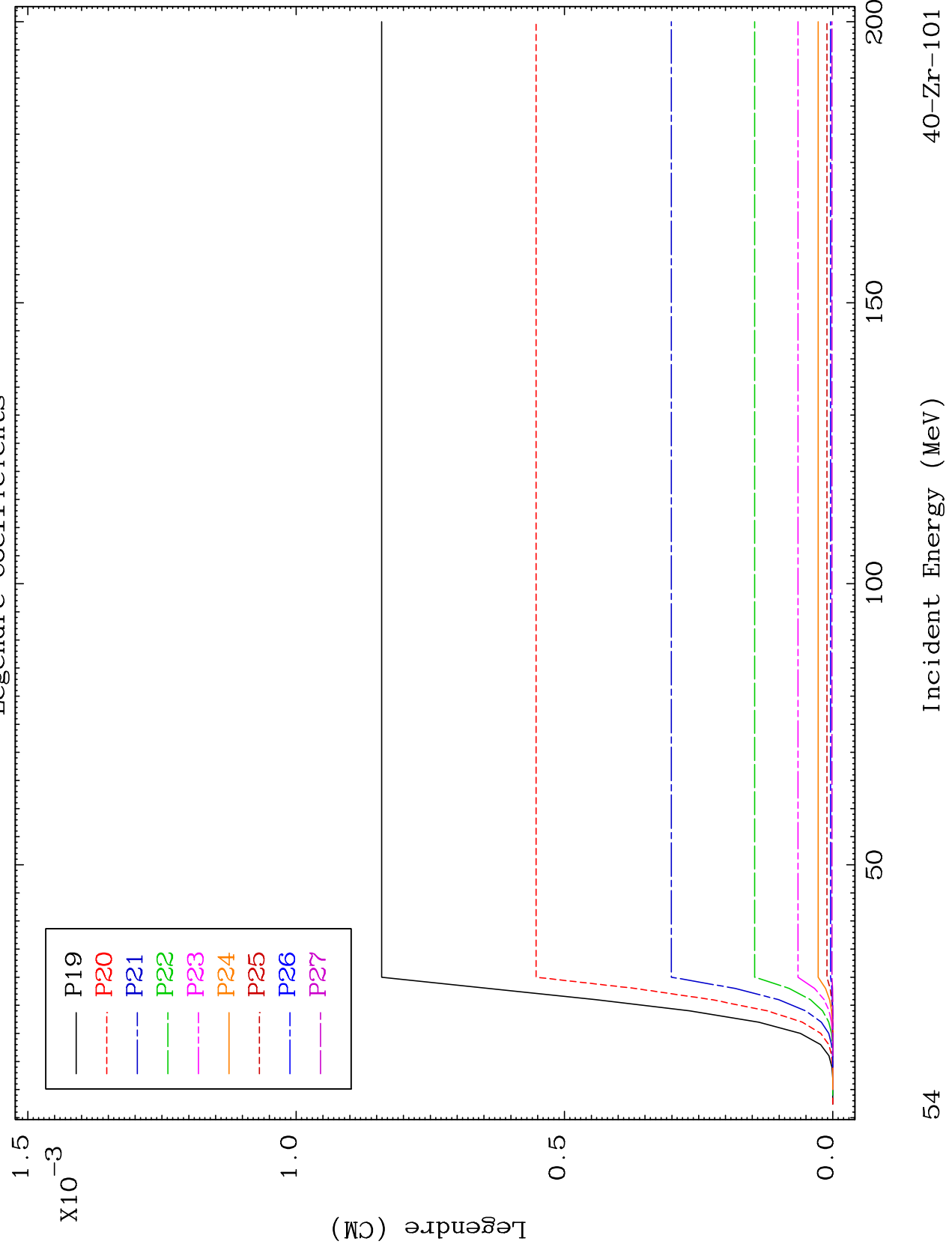
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

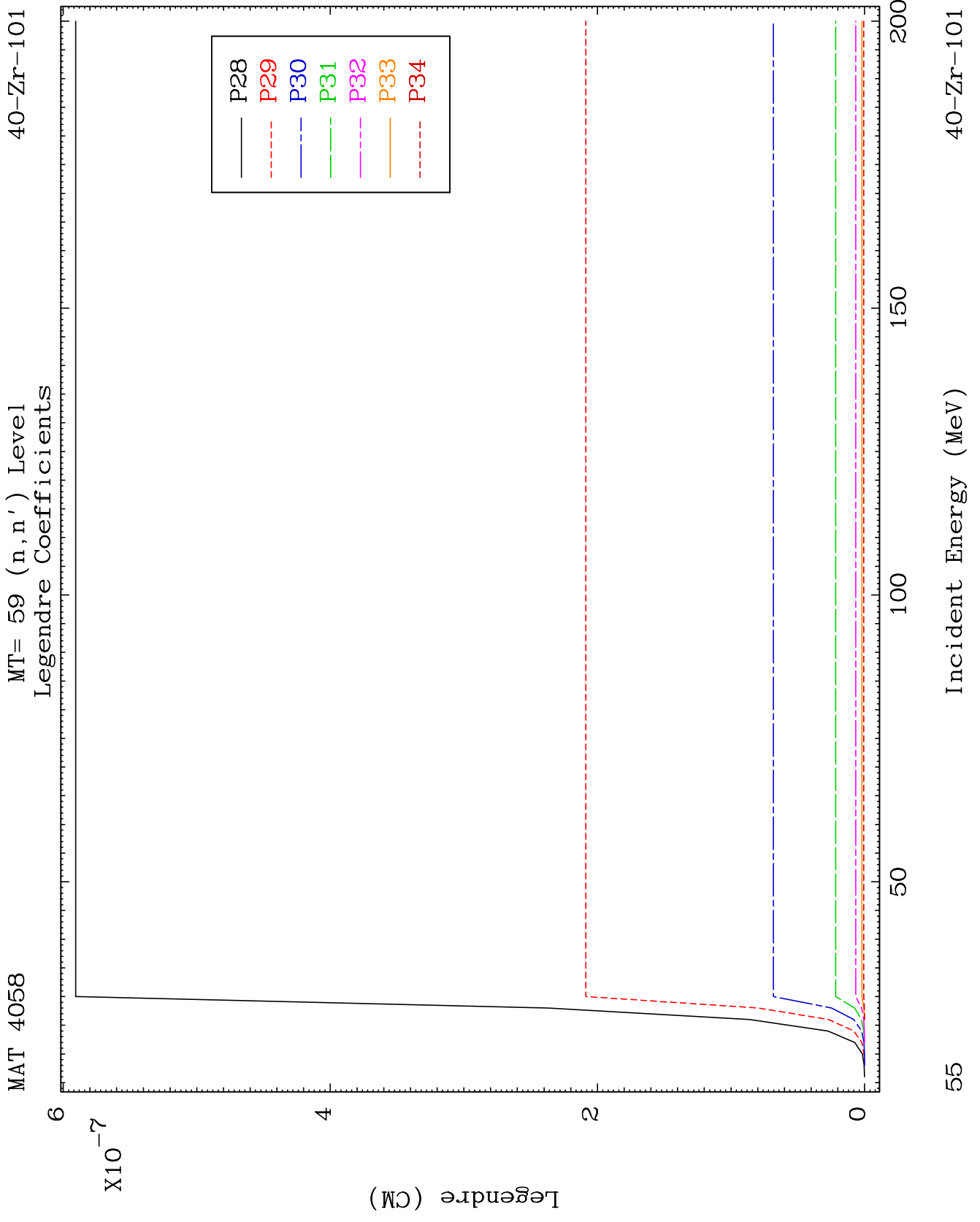
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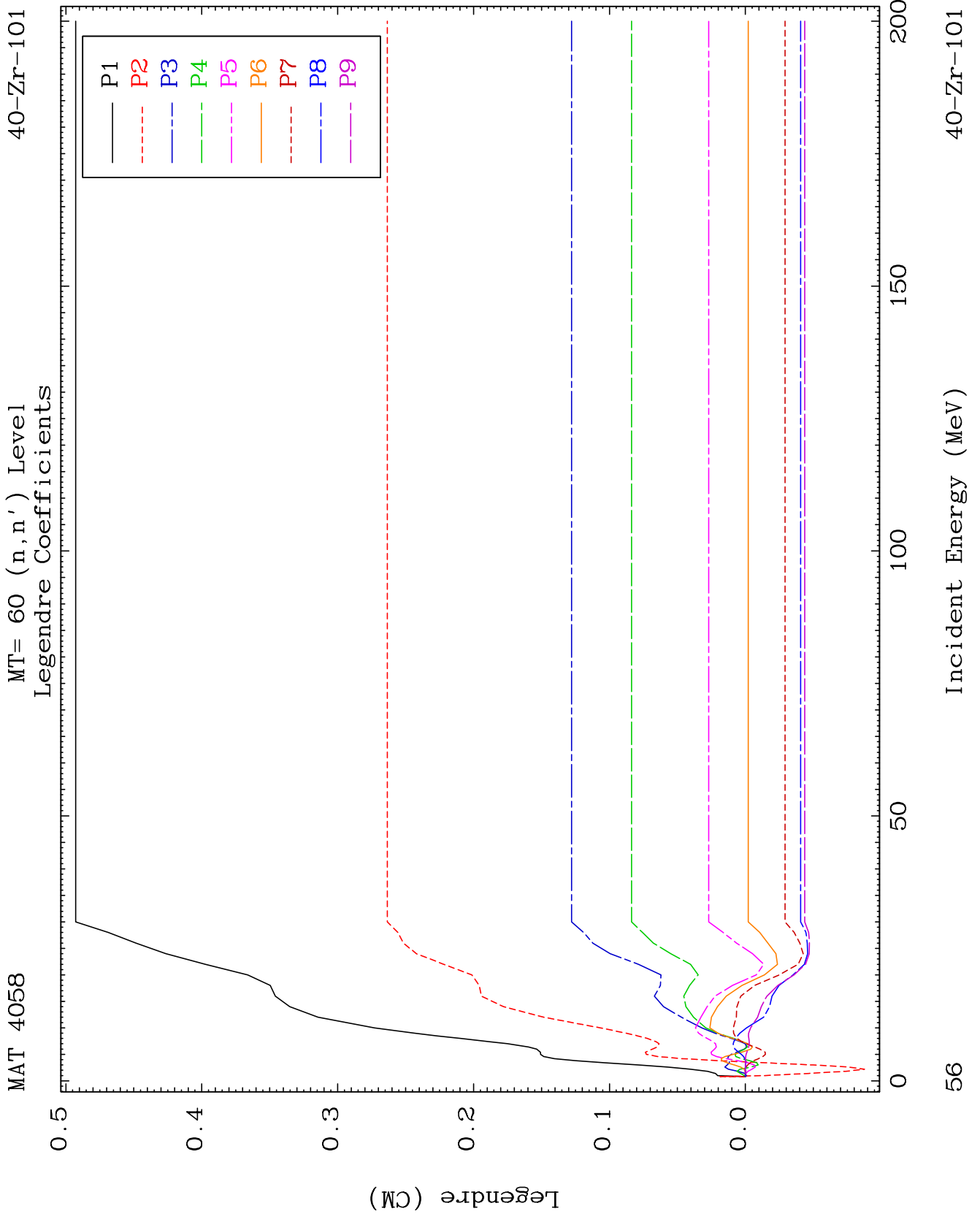


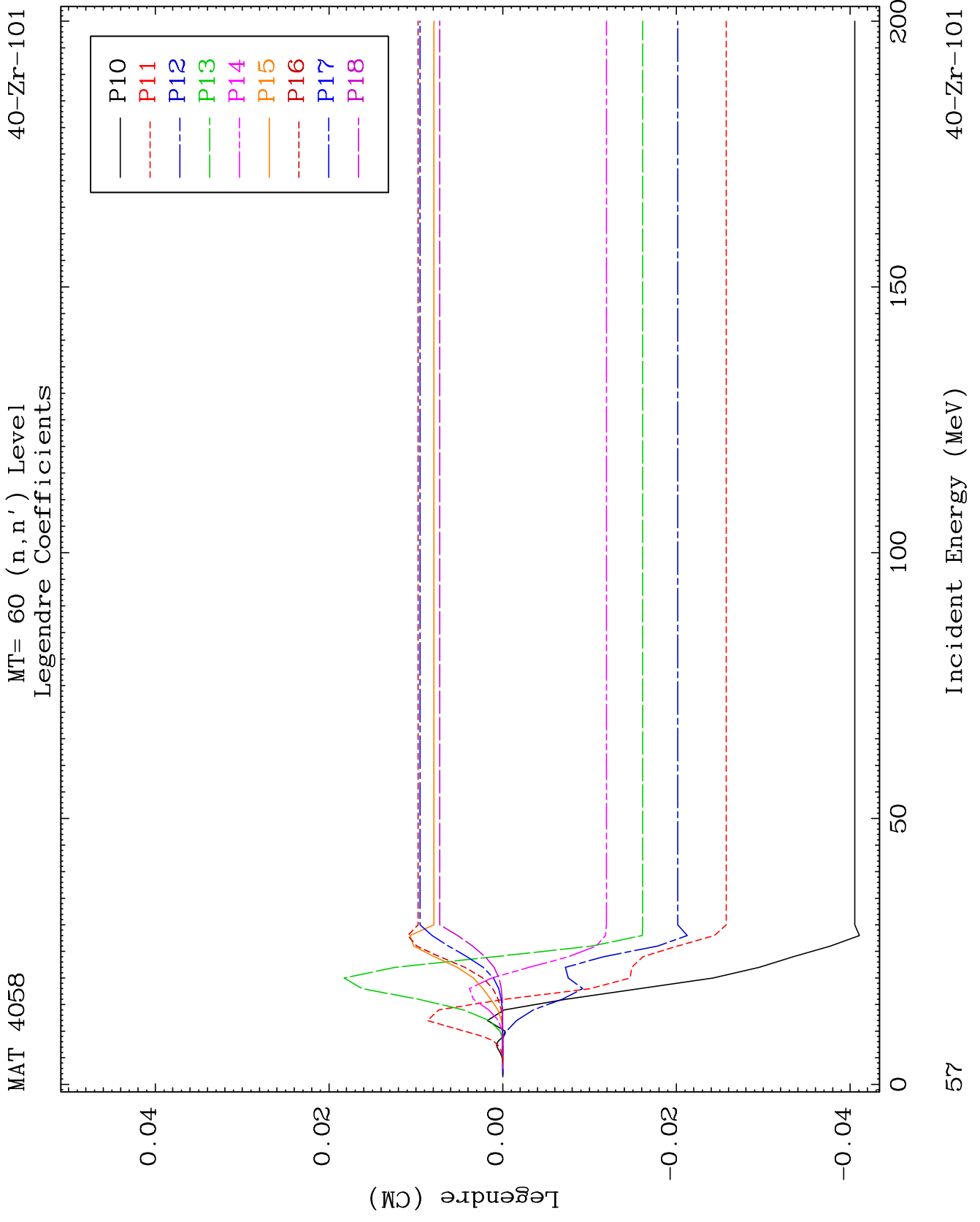
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Incident Energy (MeV)

40-Zr-101



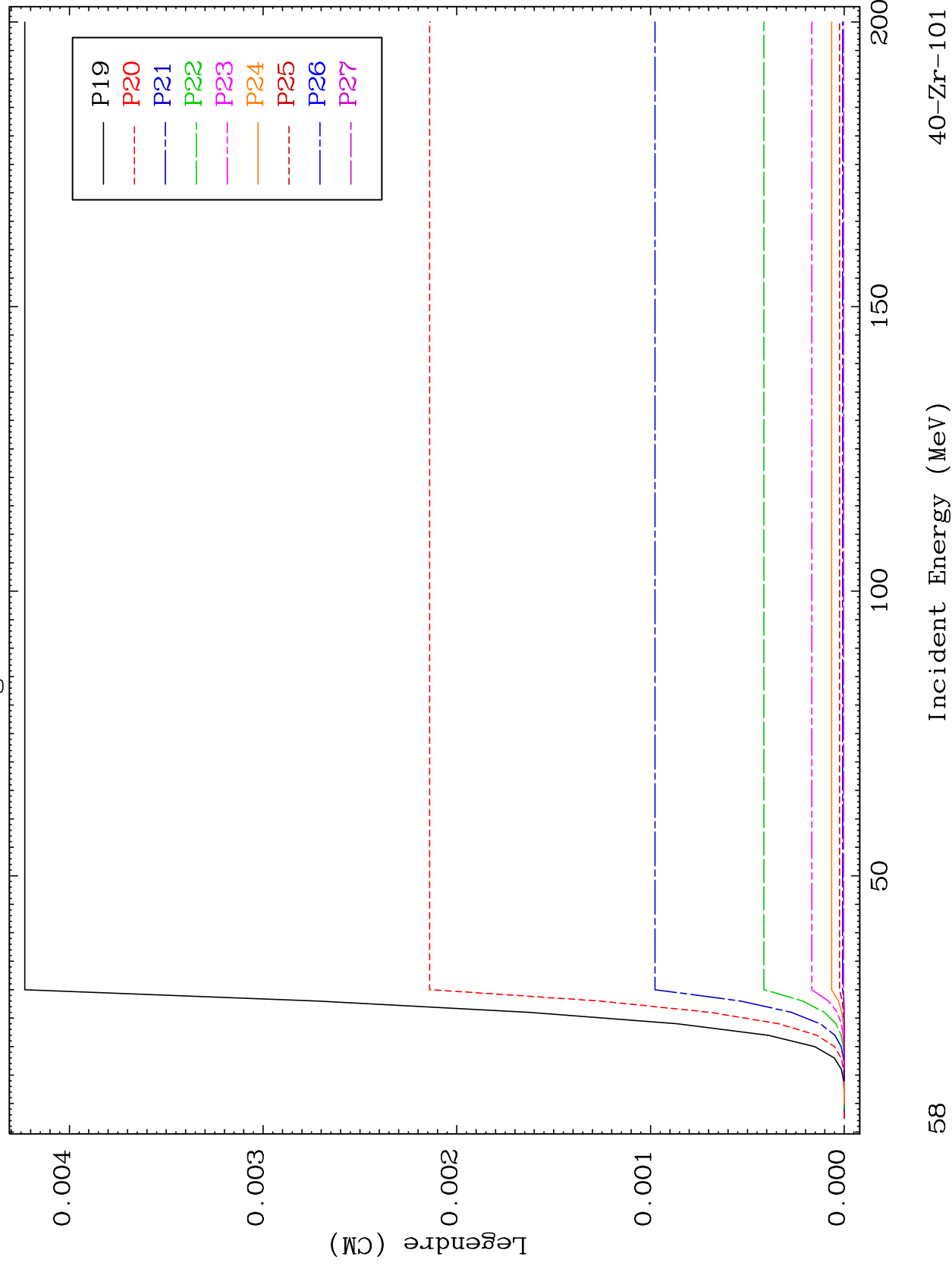




MAT 4058

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

40-Zr-101



58

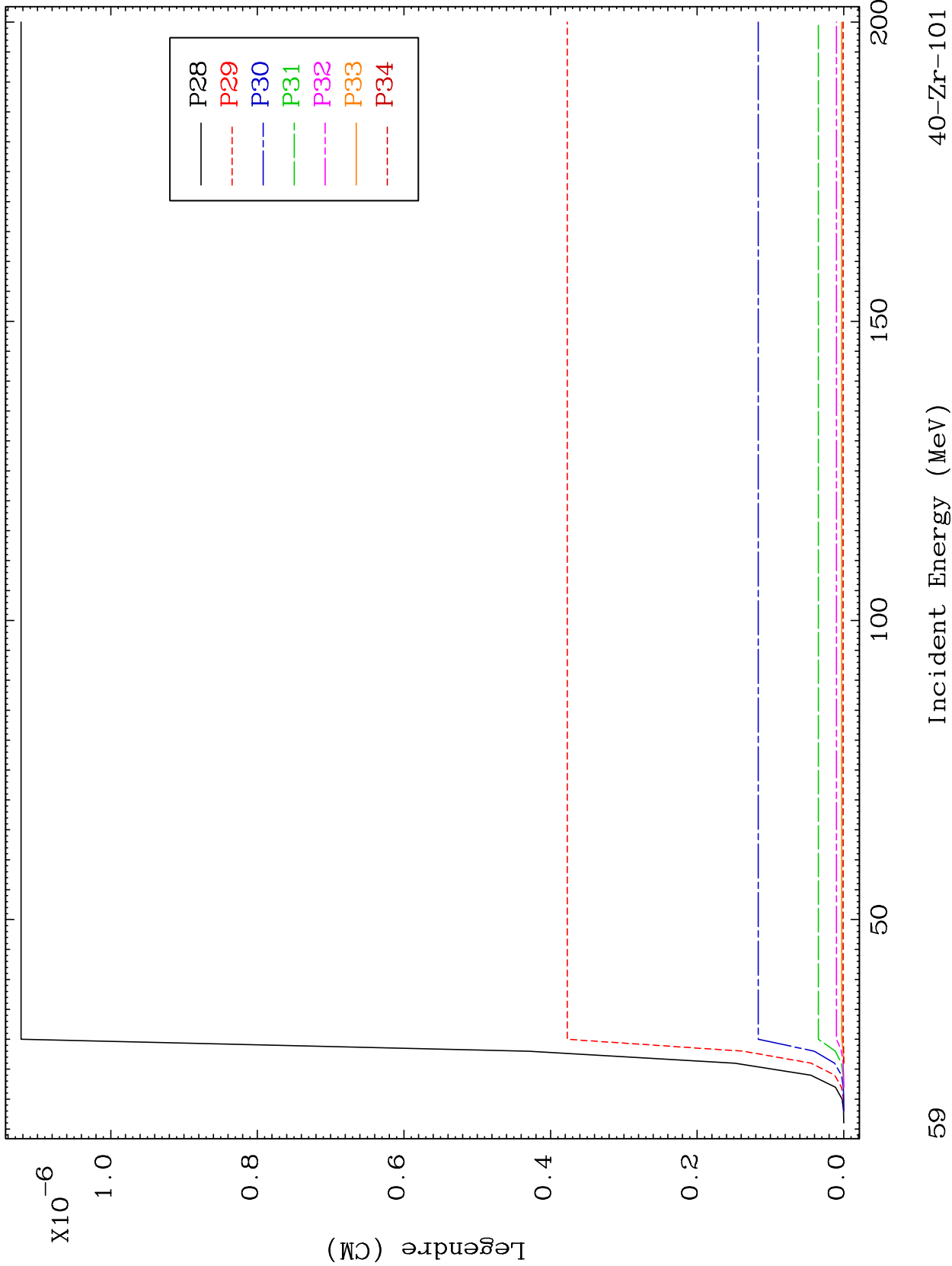
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

40-Zr-101



59

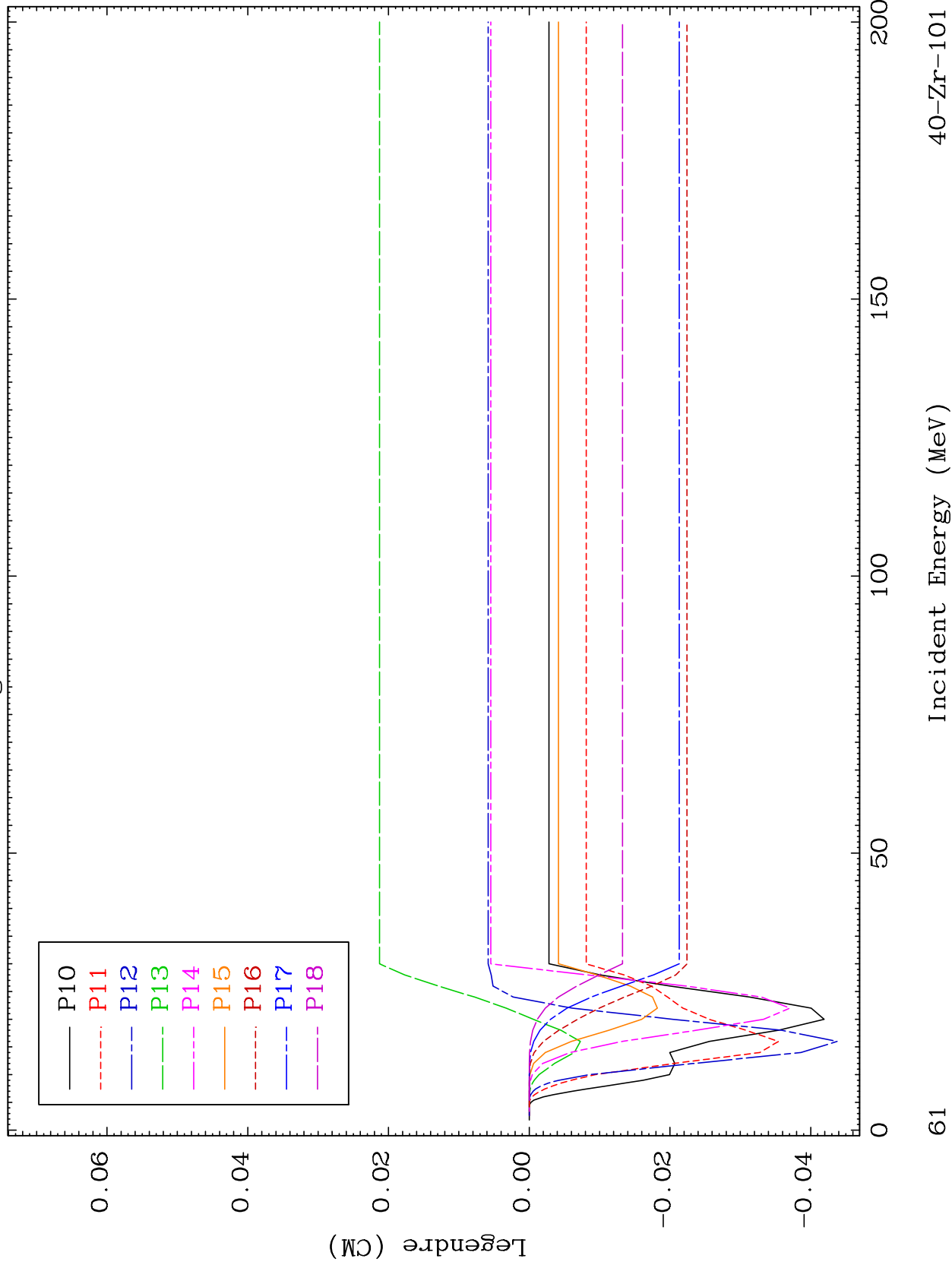
Incident Energy (MeV)

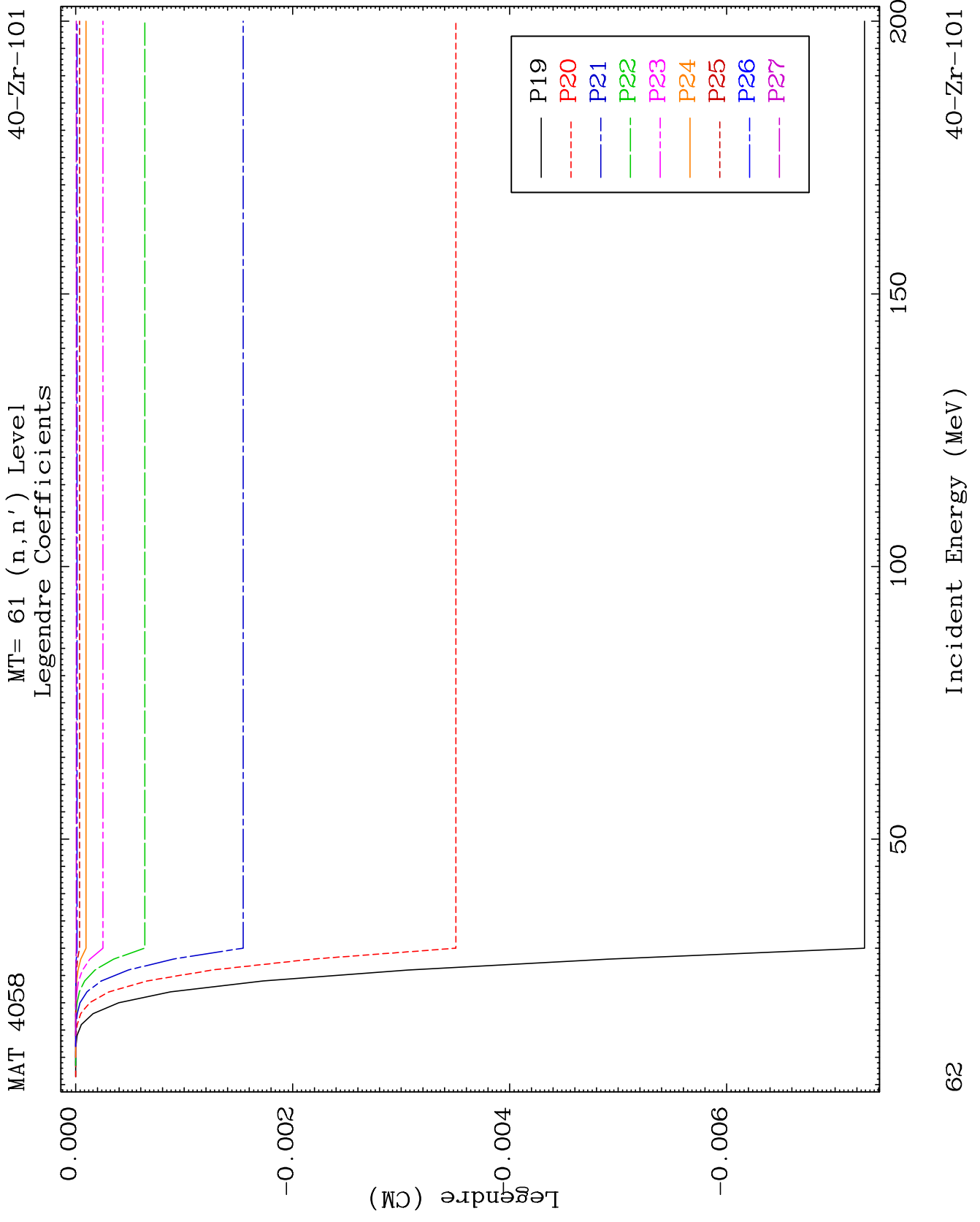
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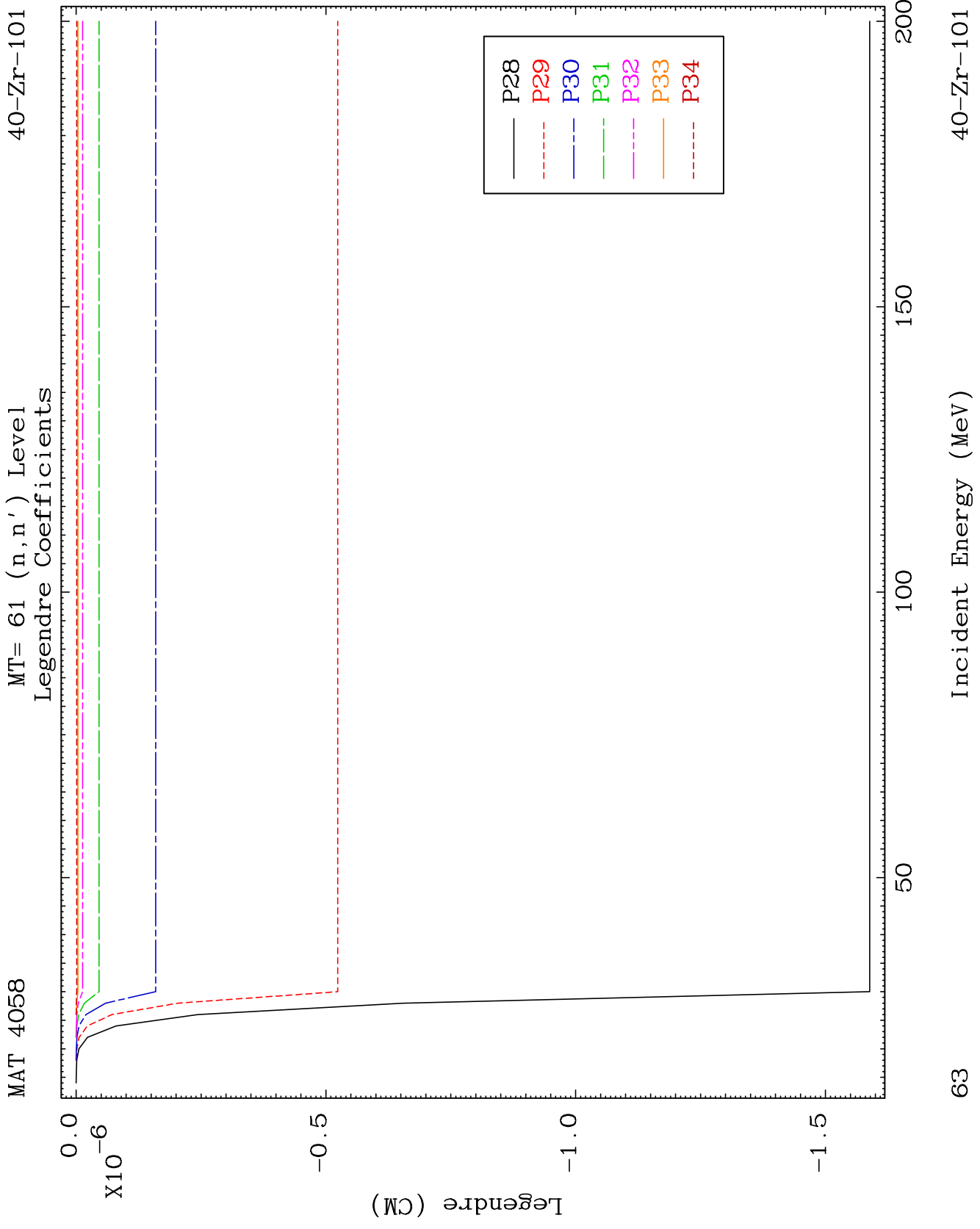
MAT 4058

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

40-Zr-101



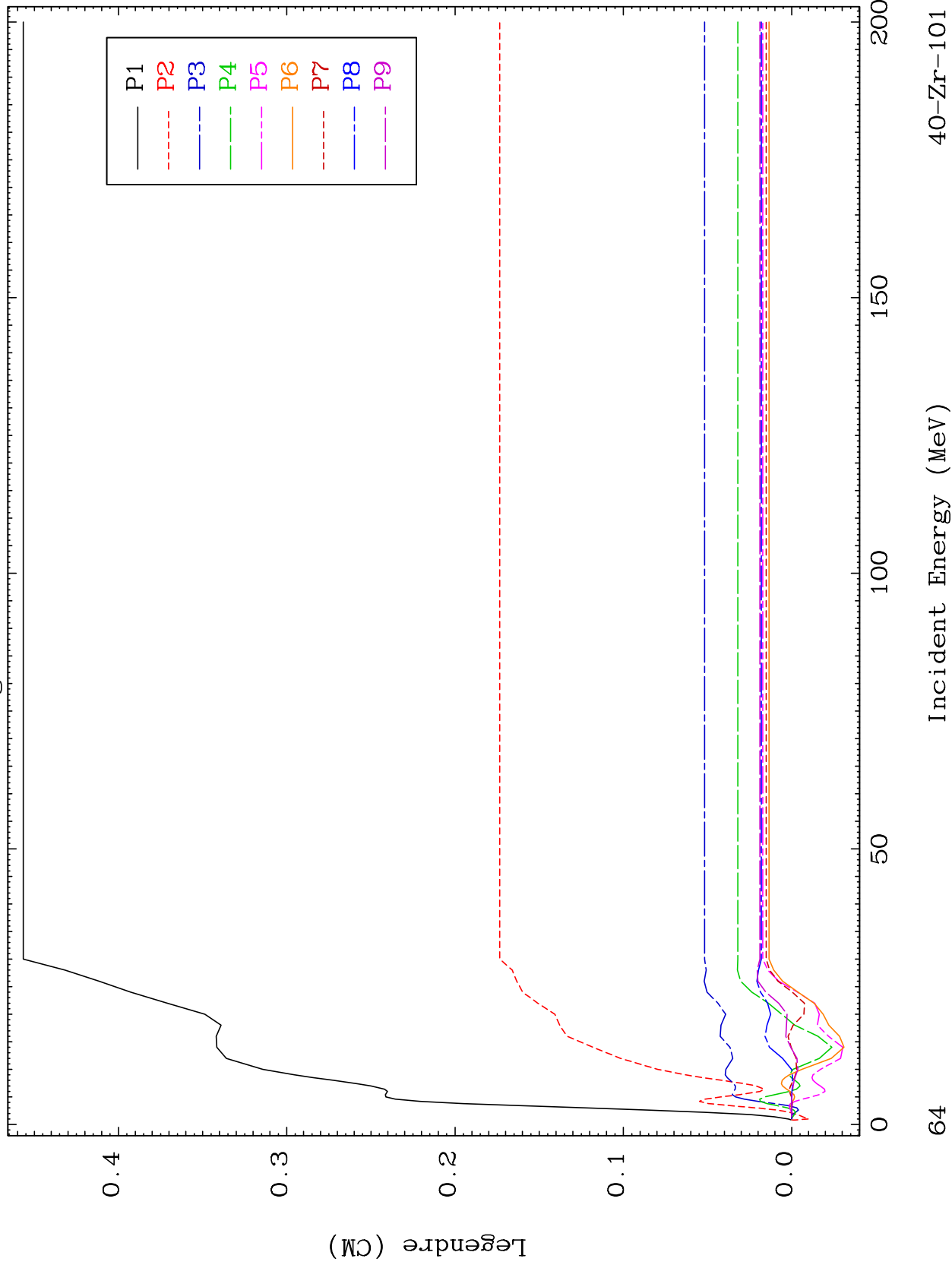




MAT 4058

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

40-Zr-101



64

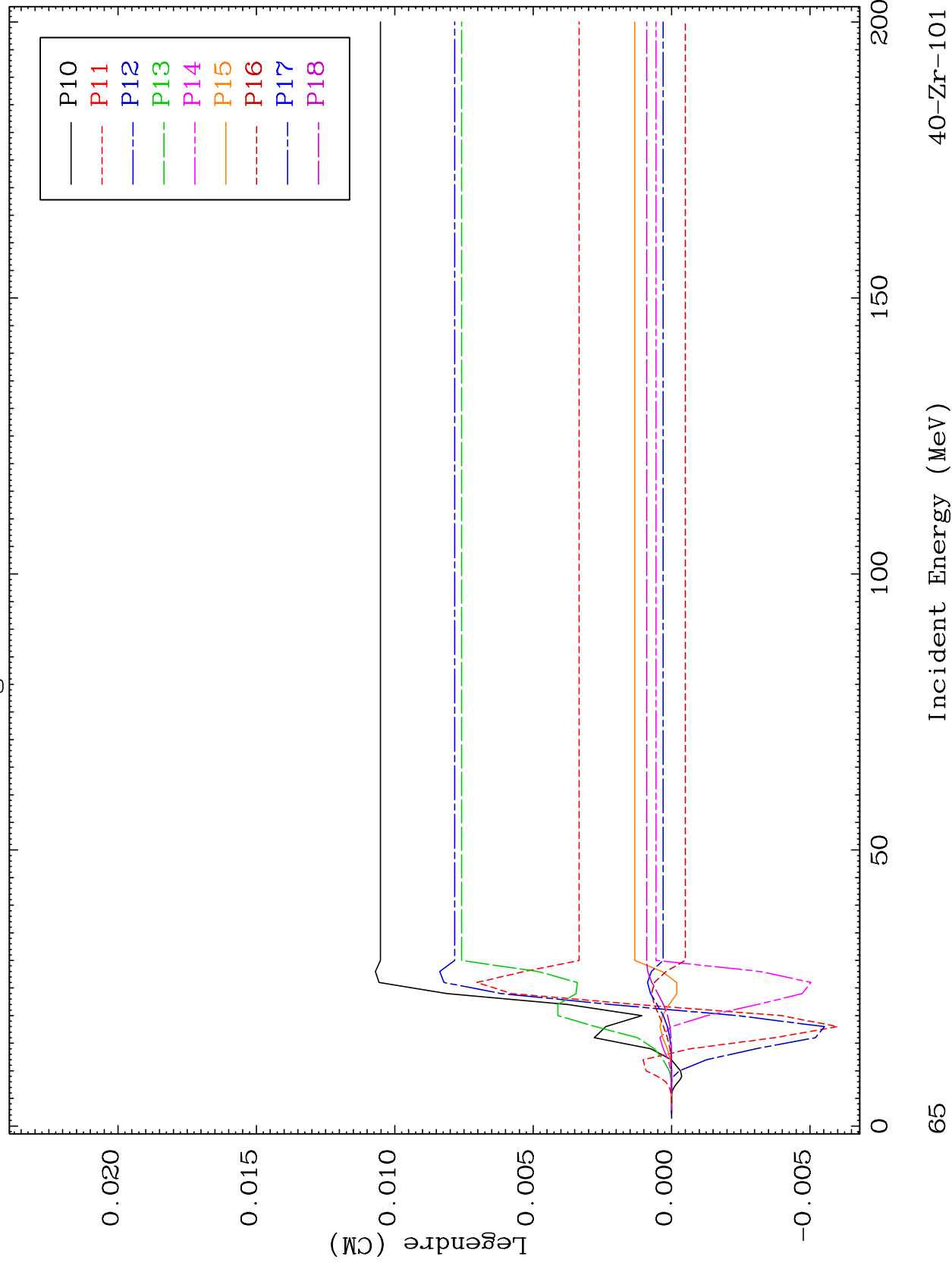
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

40-Zr-101



40-Zr-101

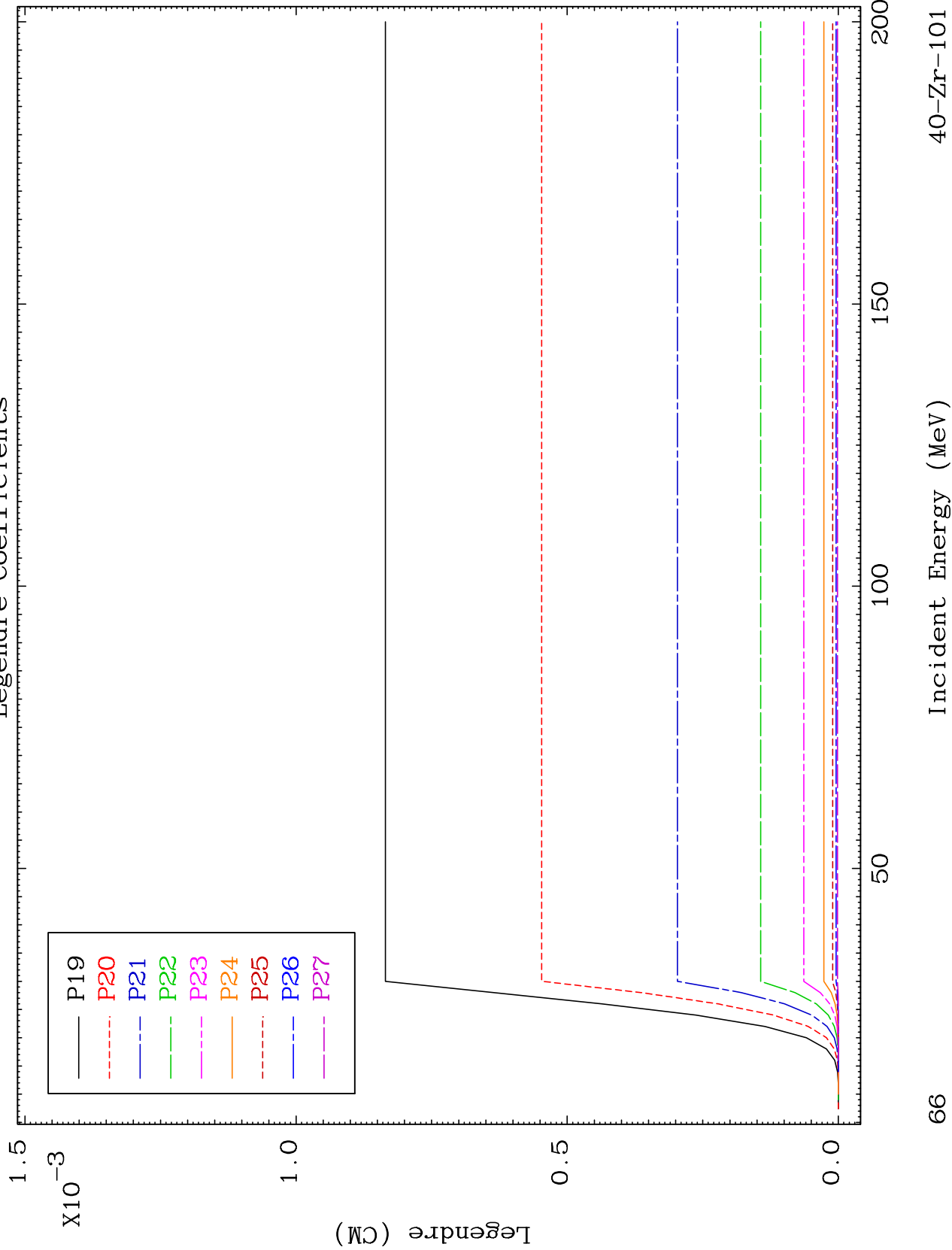
Incident Energy (MeV)

65

MAT 4058

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

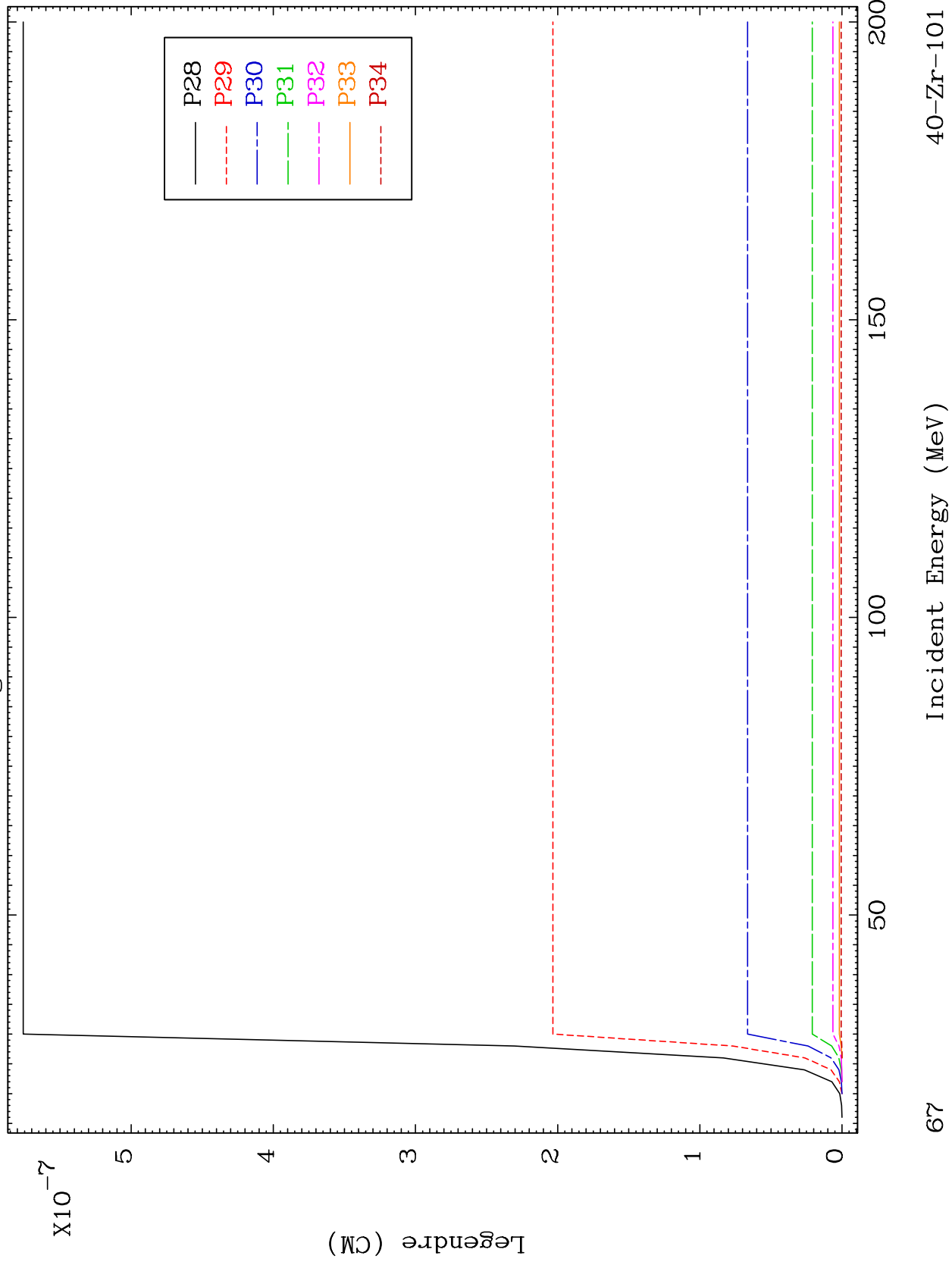
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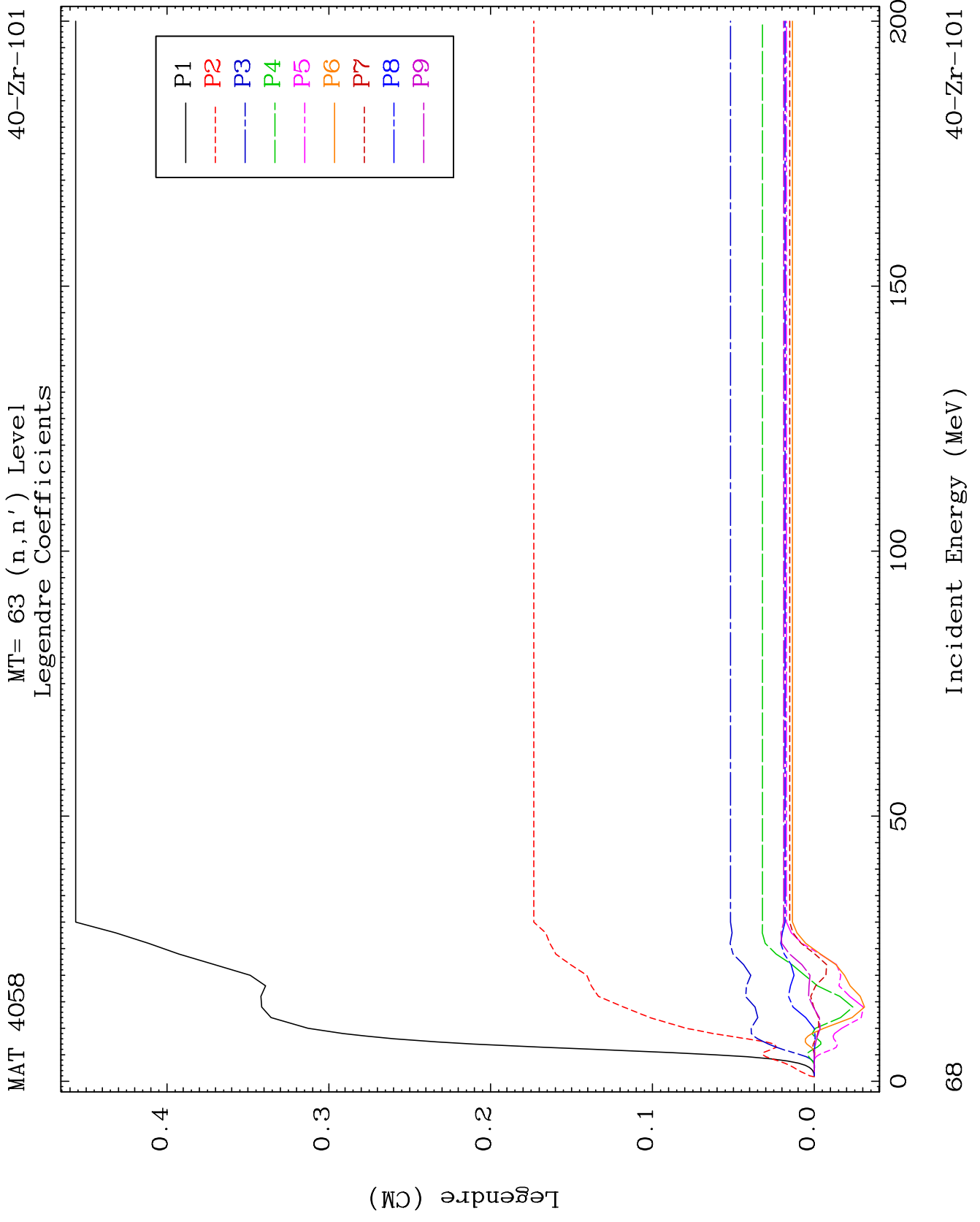


MAT 4058

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

40-Zr-101

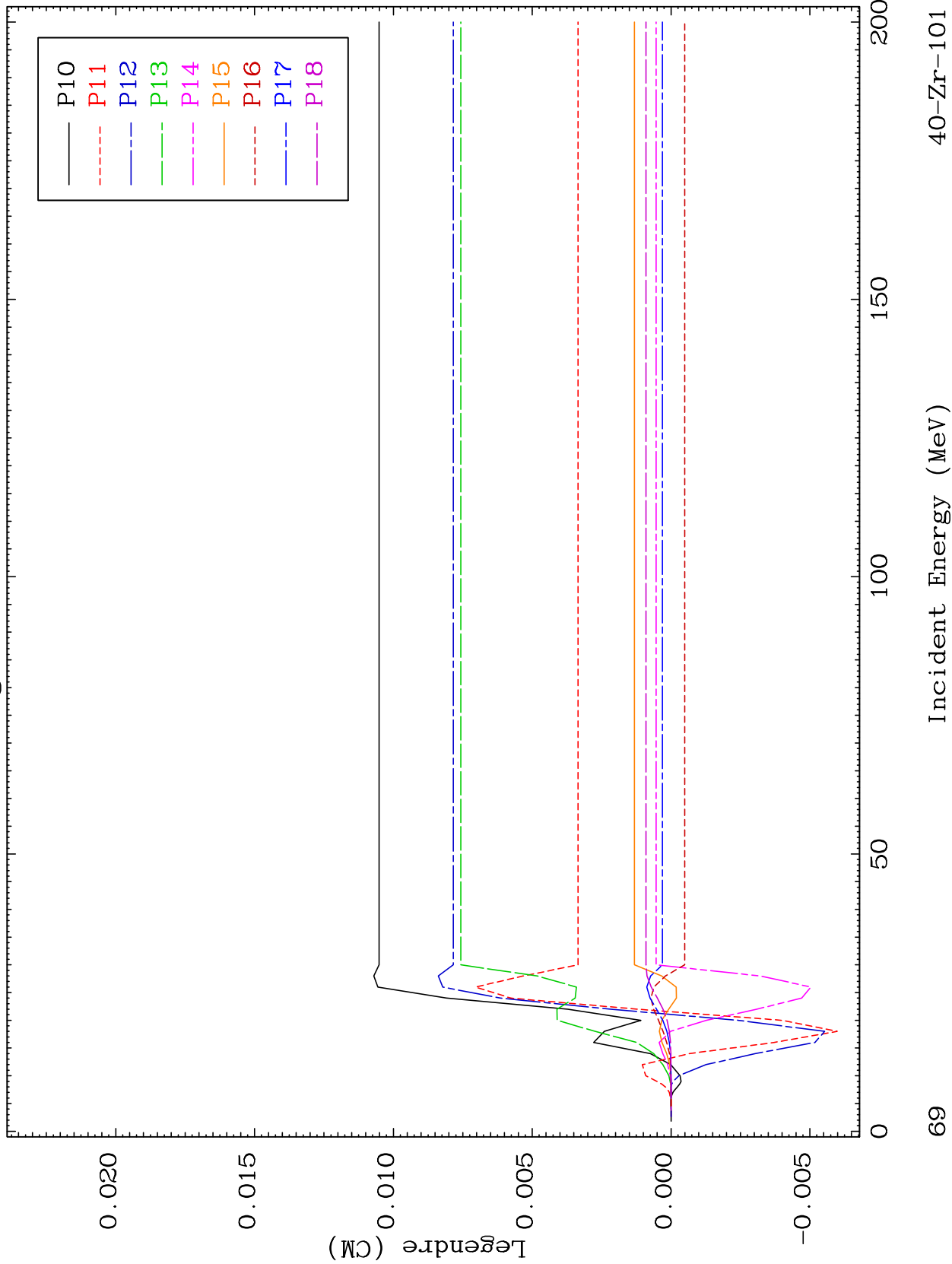




MAT 4058

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

40-Zr-101



69

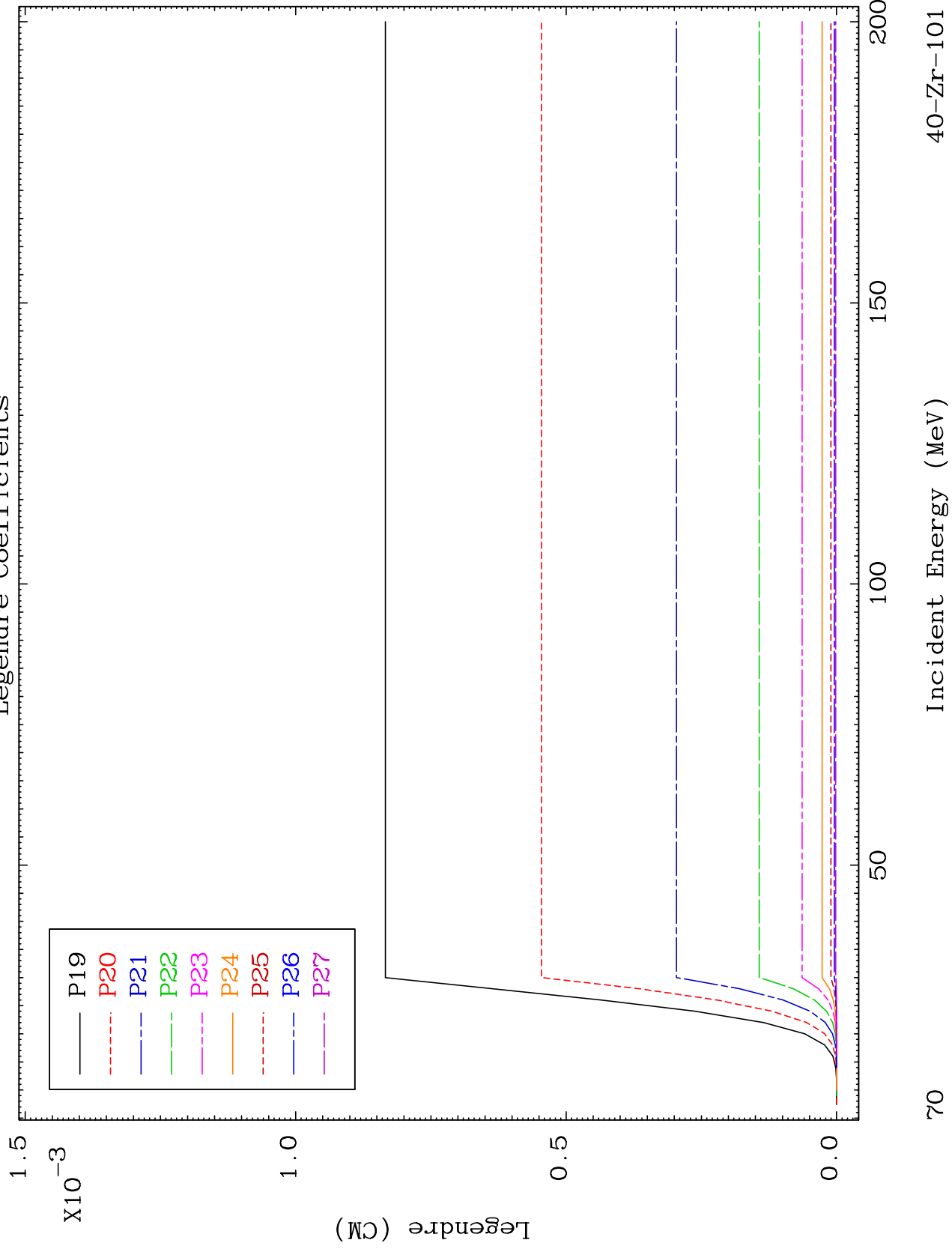
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

40-Zr-101



70

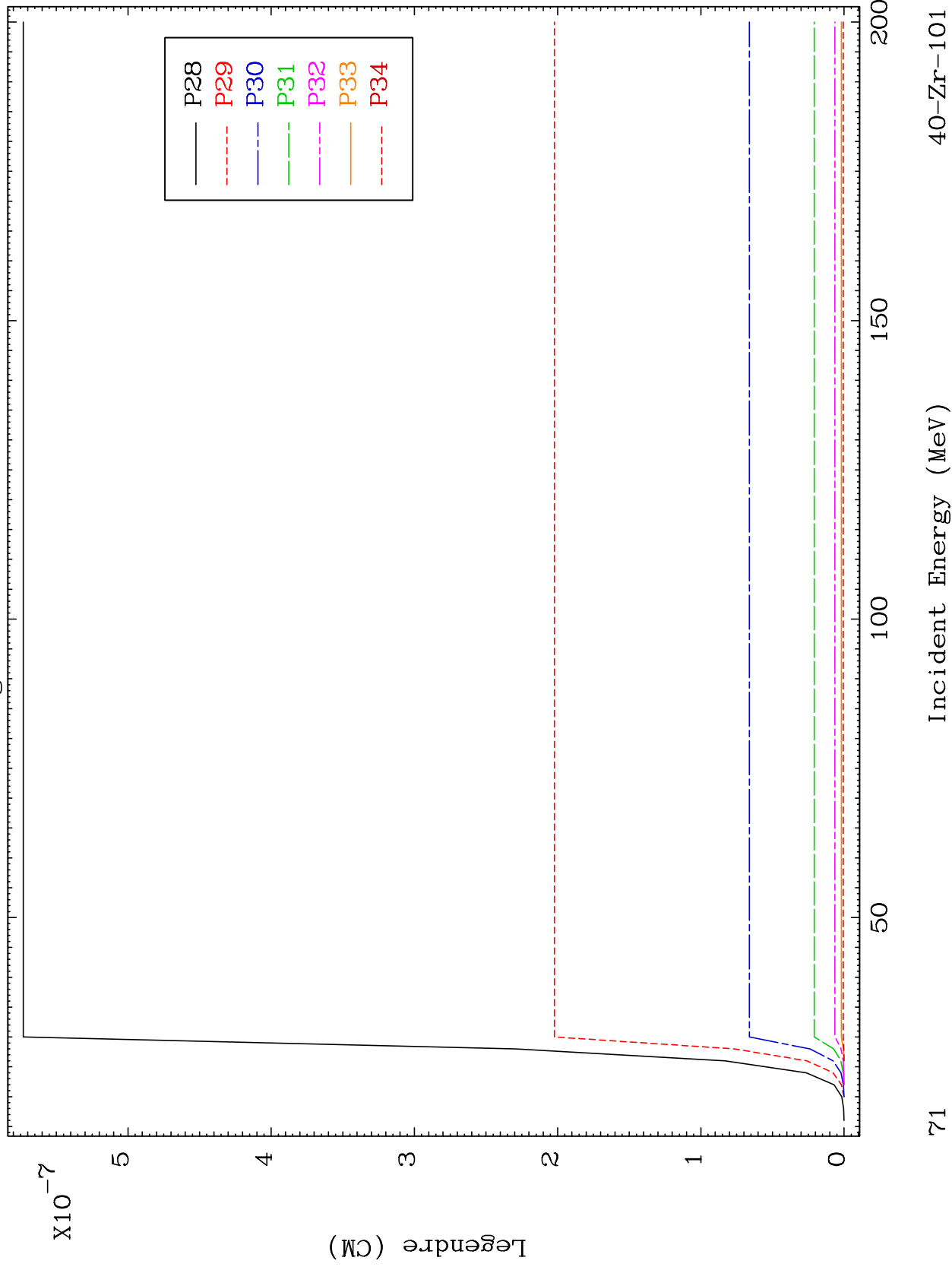
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

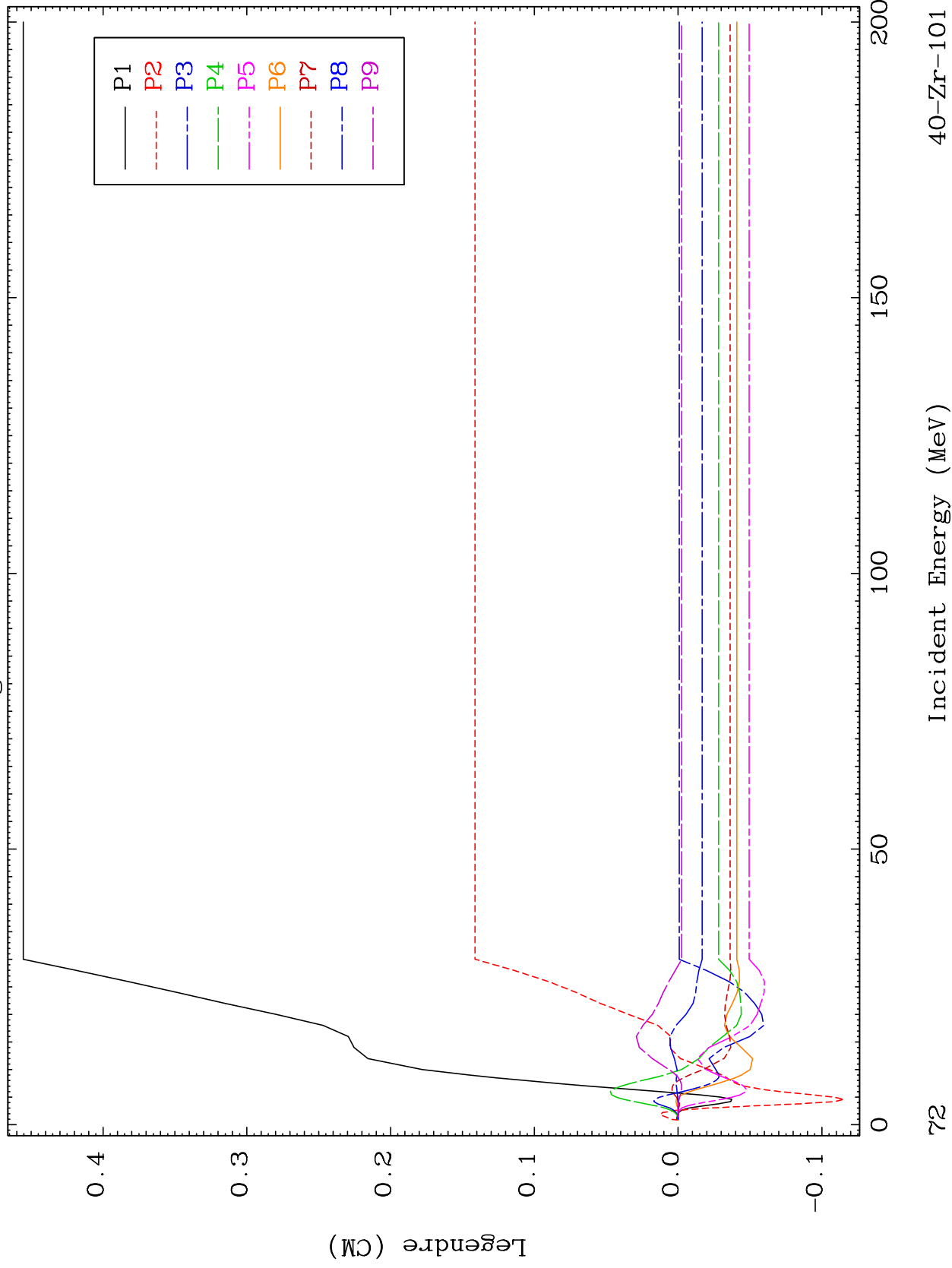
40-Zr-101



MAT 4058

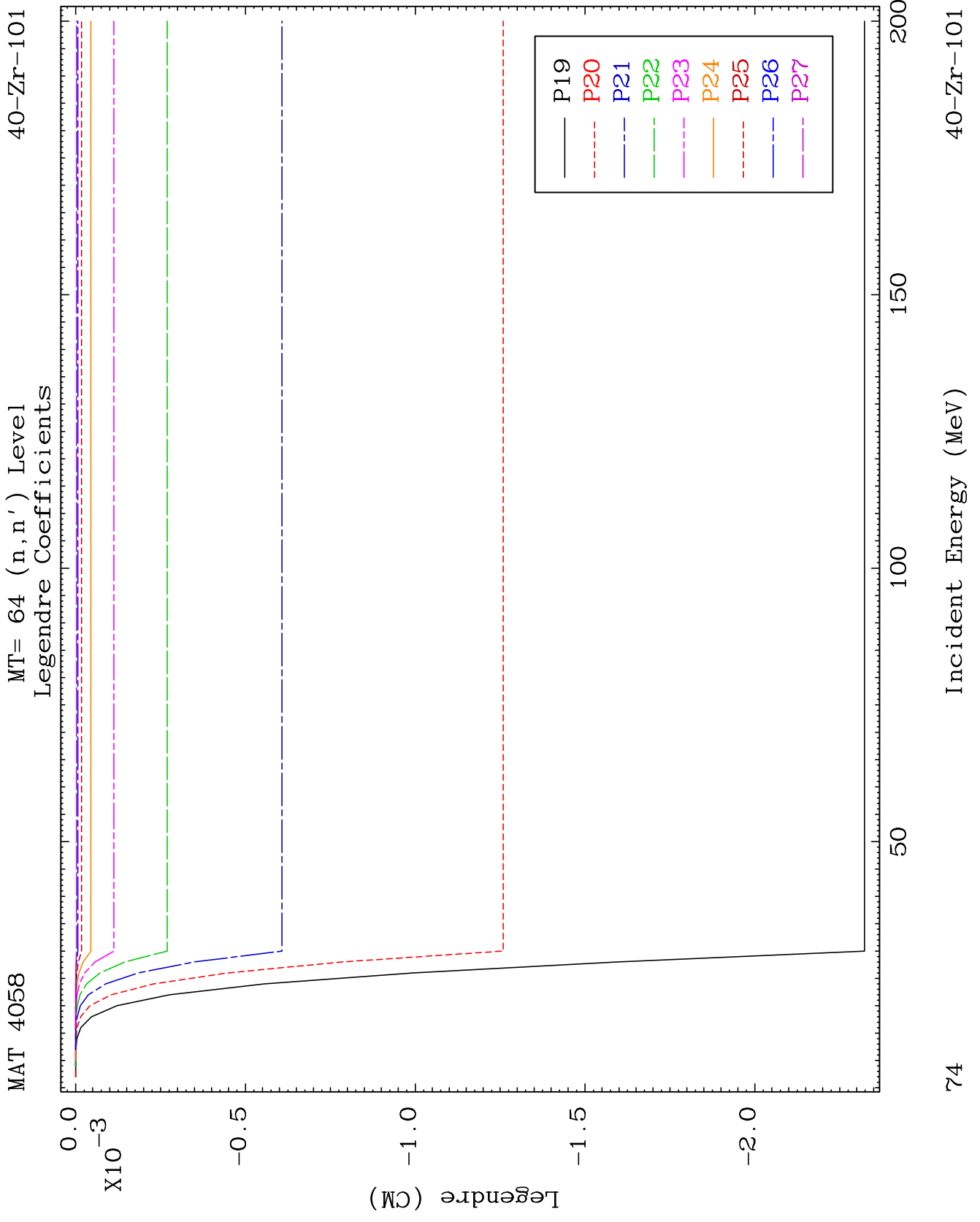
MT= 64 (n,n') Level
Legendre Coefficients

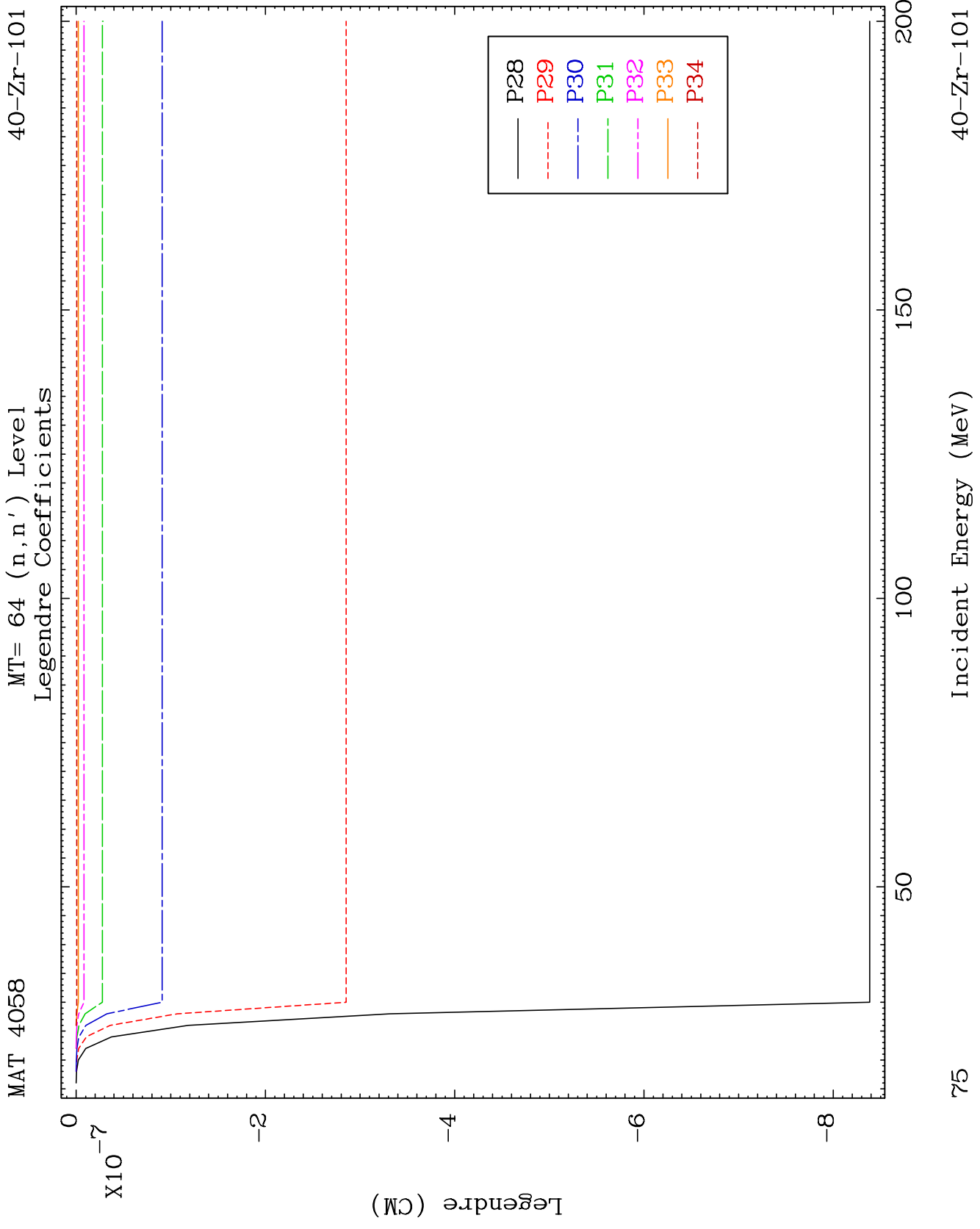
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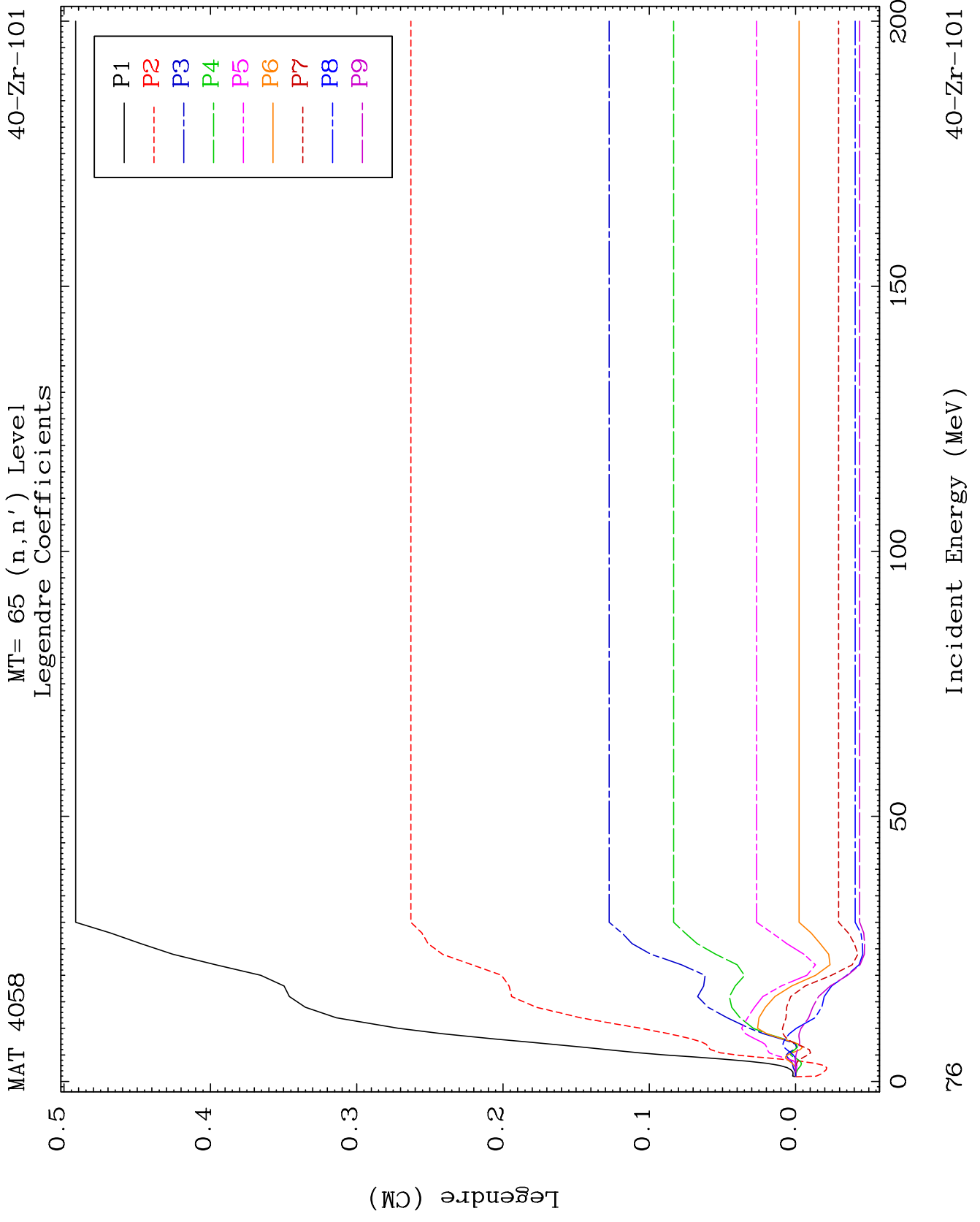


72

40-Zr-101



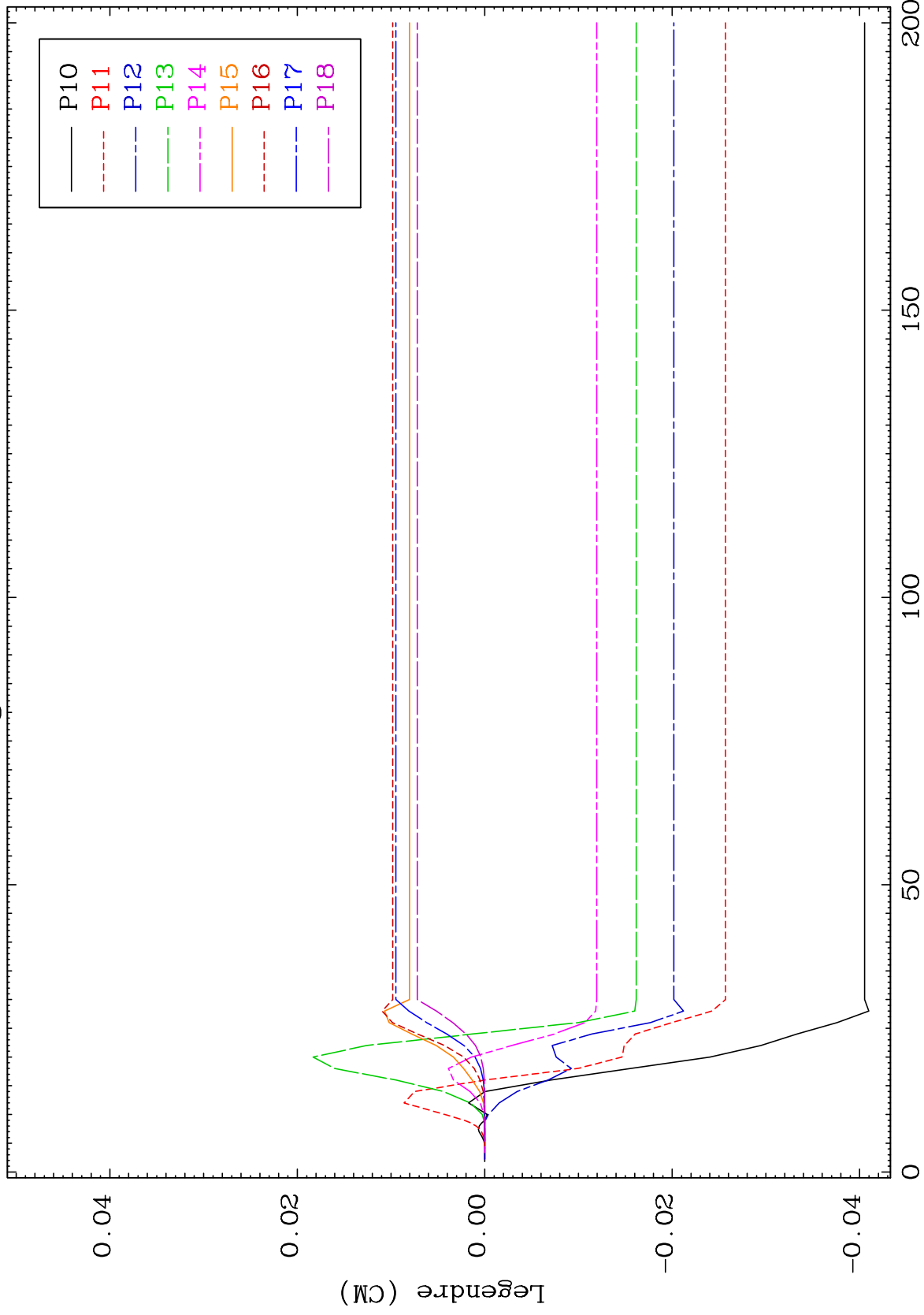




MAT 4058

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

40-Zr-101



77

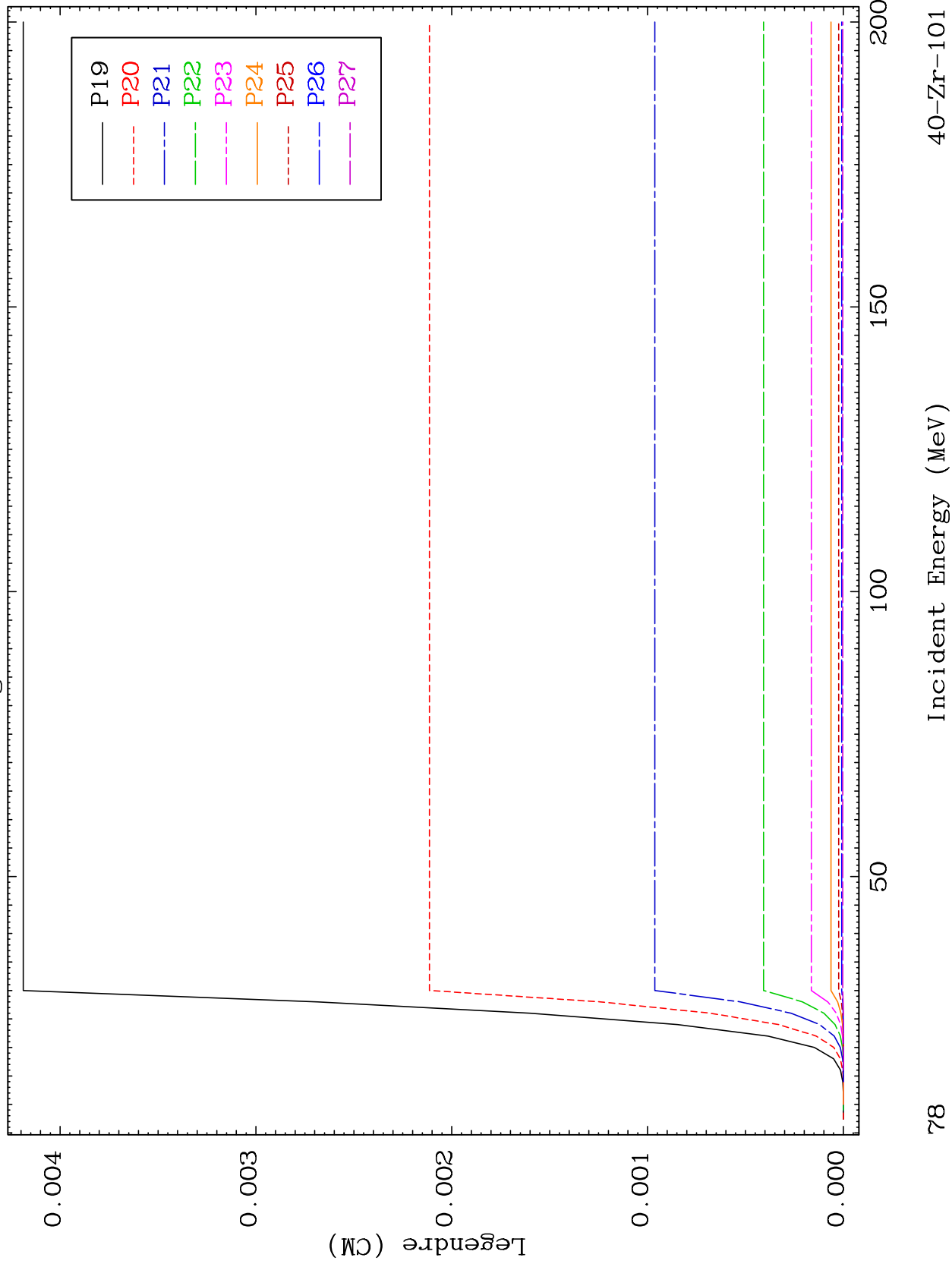
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

40-Zr-101



78

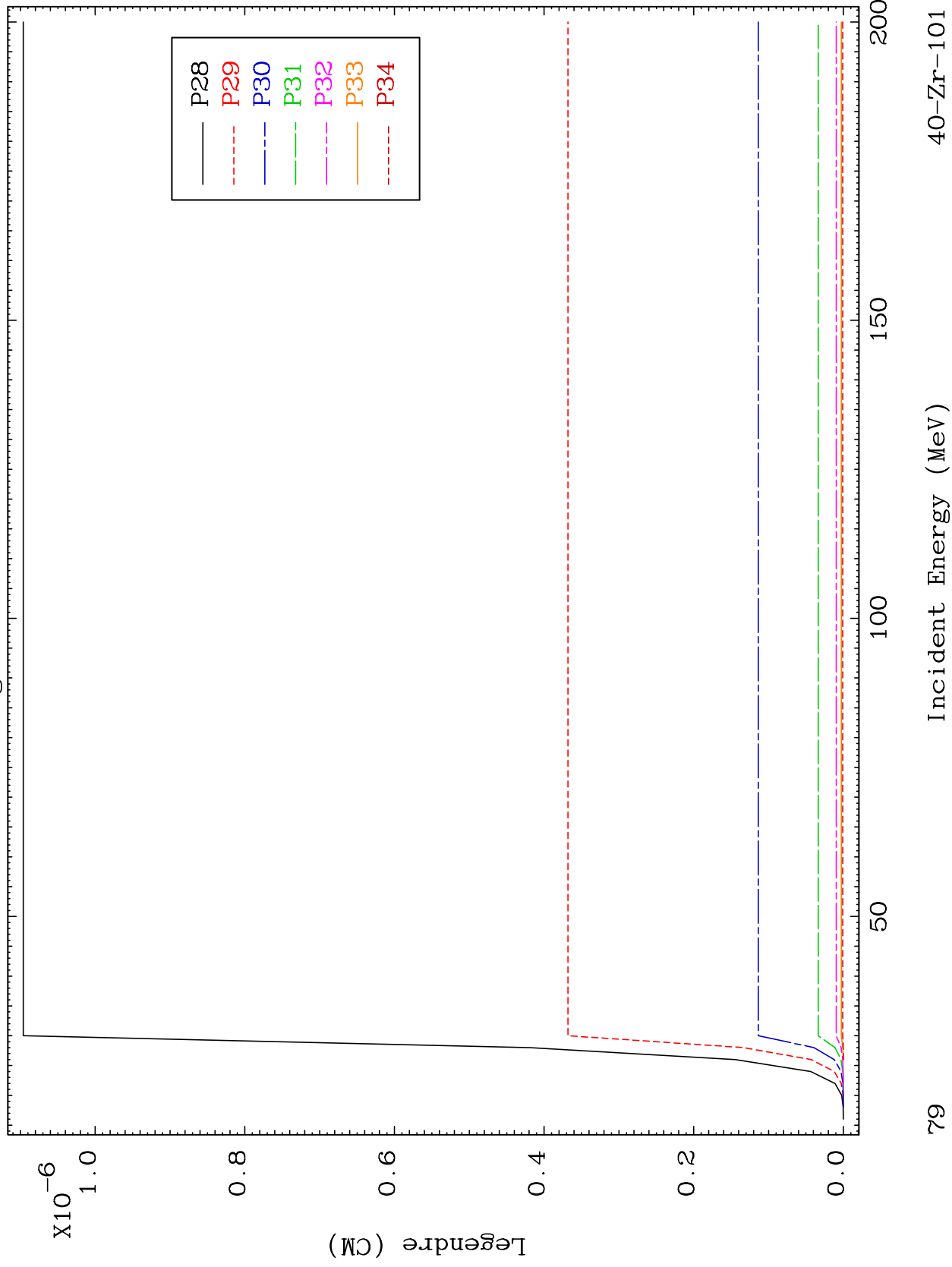
Incident Energy (MeV)

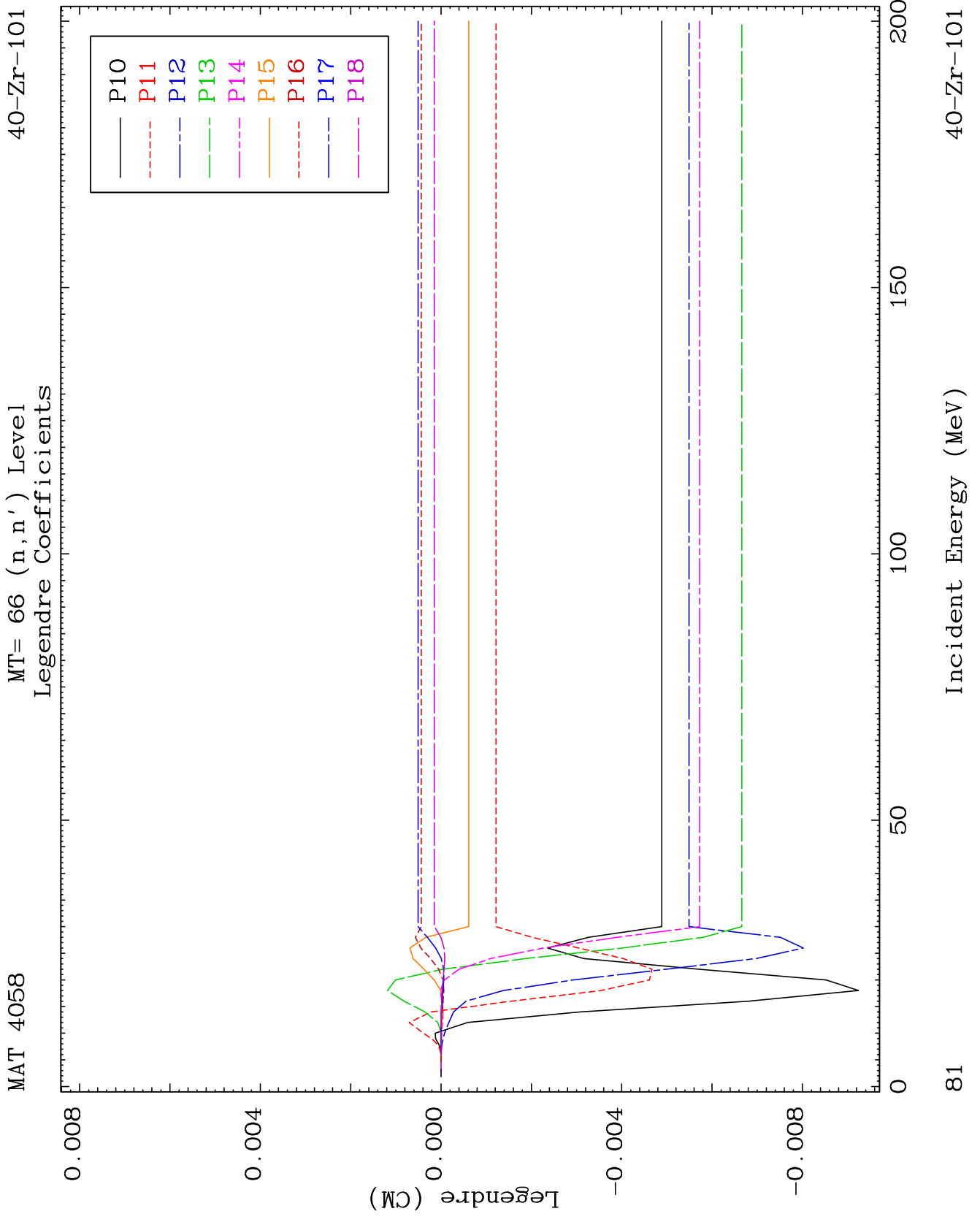
40-Zr-101

MAT 4058

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

40-Zr-101

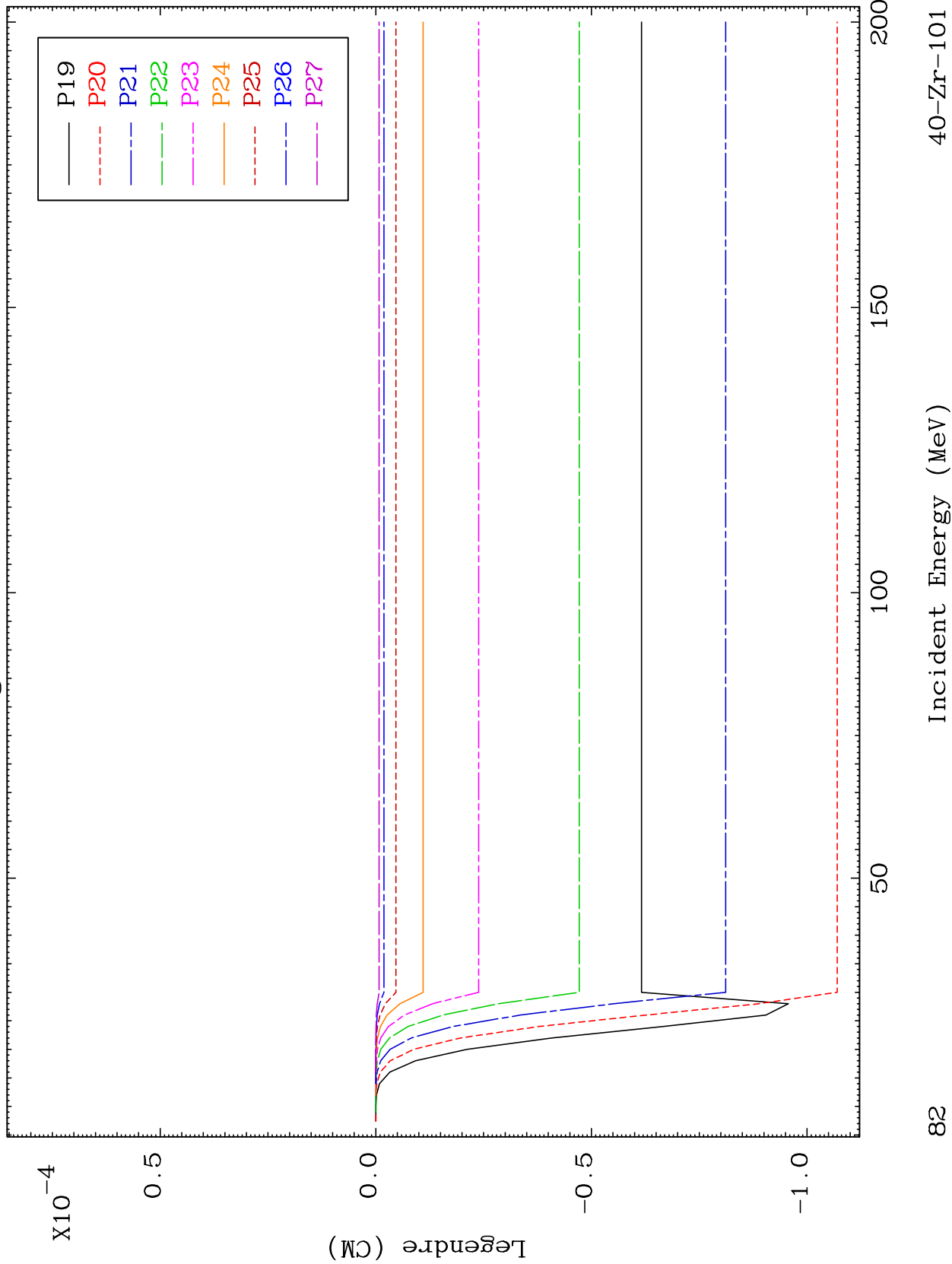




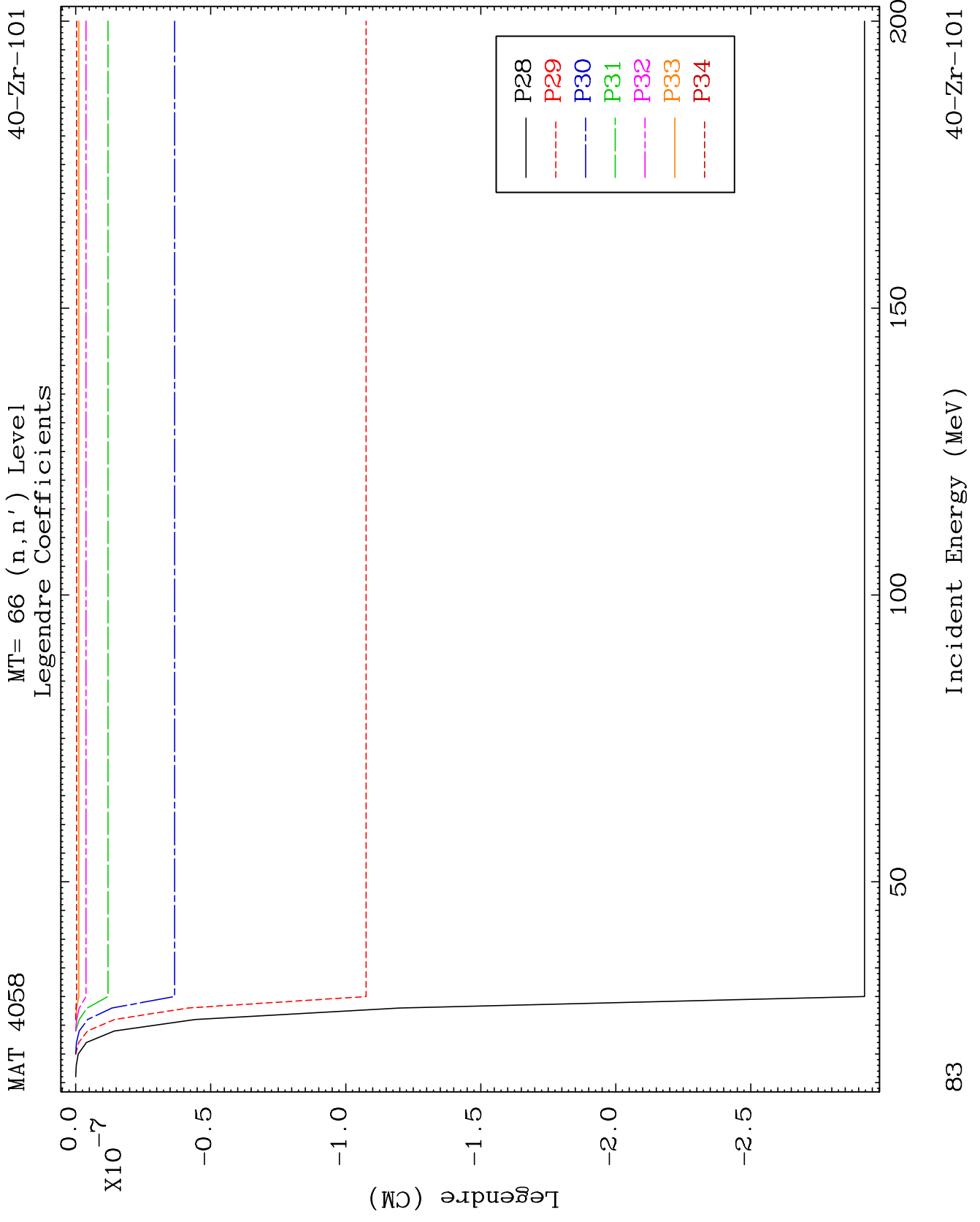
MAT 4058

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

40-Zr-101



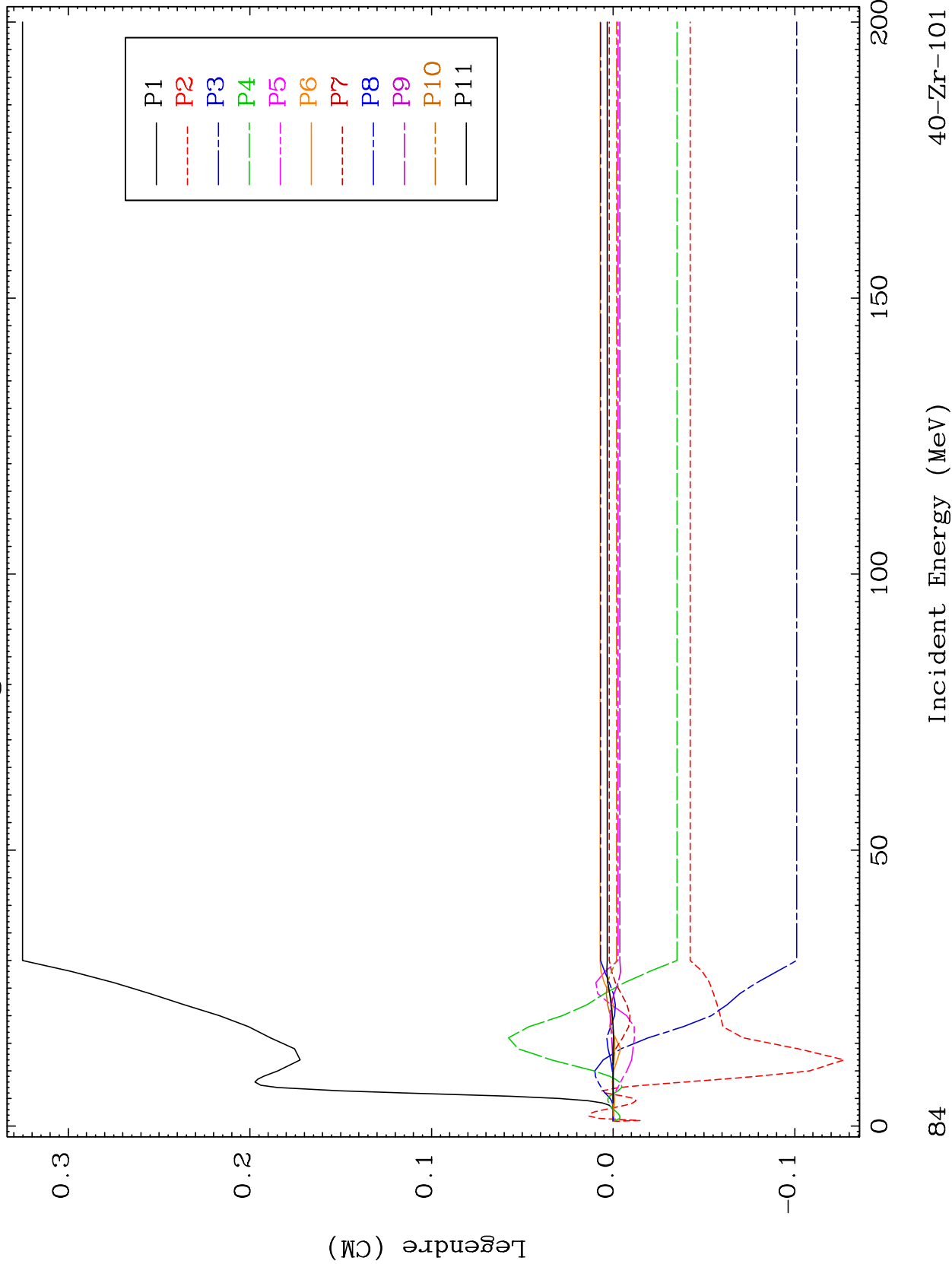
82



MAT 4058

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

40-Zr-101



84

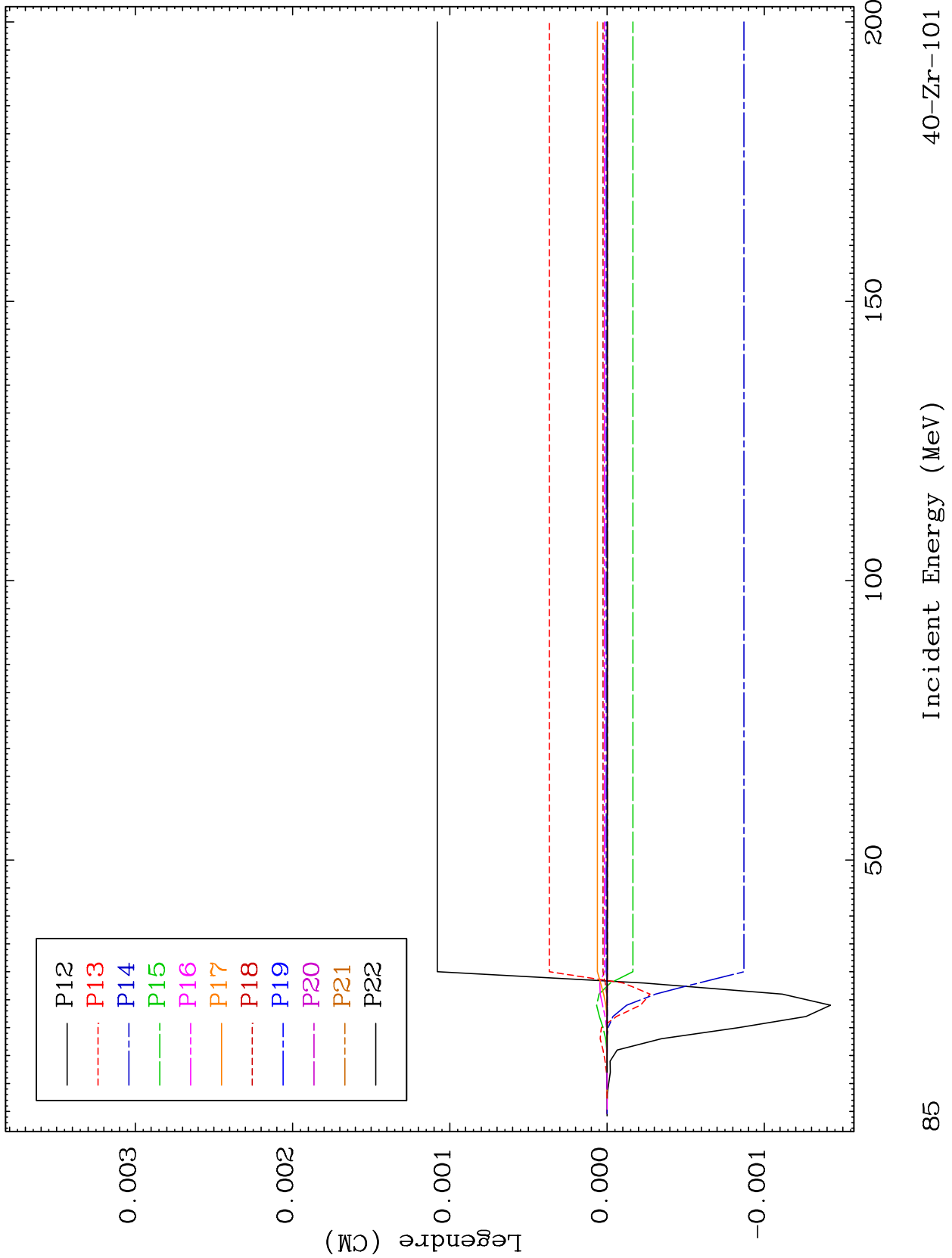
Incident Energy (MeV)

40-Zr-101

MAT 4058

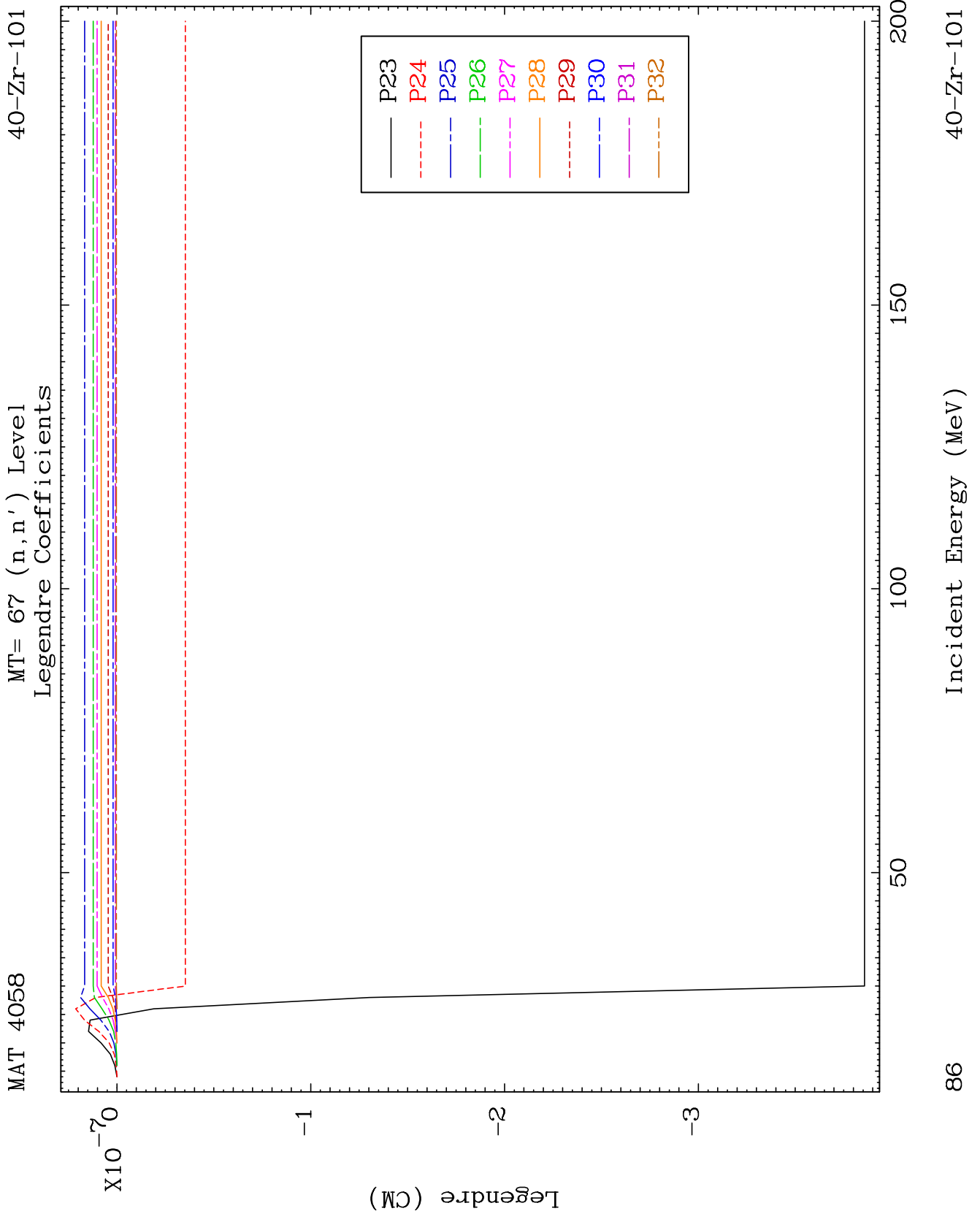
MT= 67 (n,n') Level
Legendre Coefficients

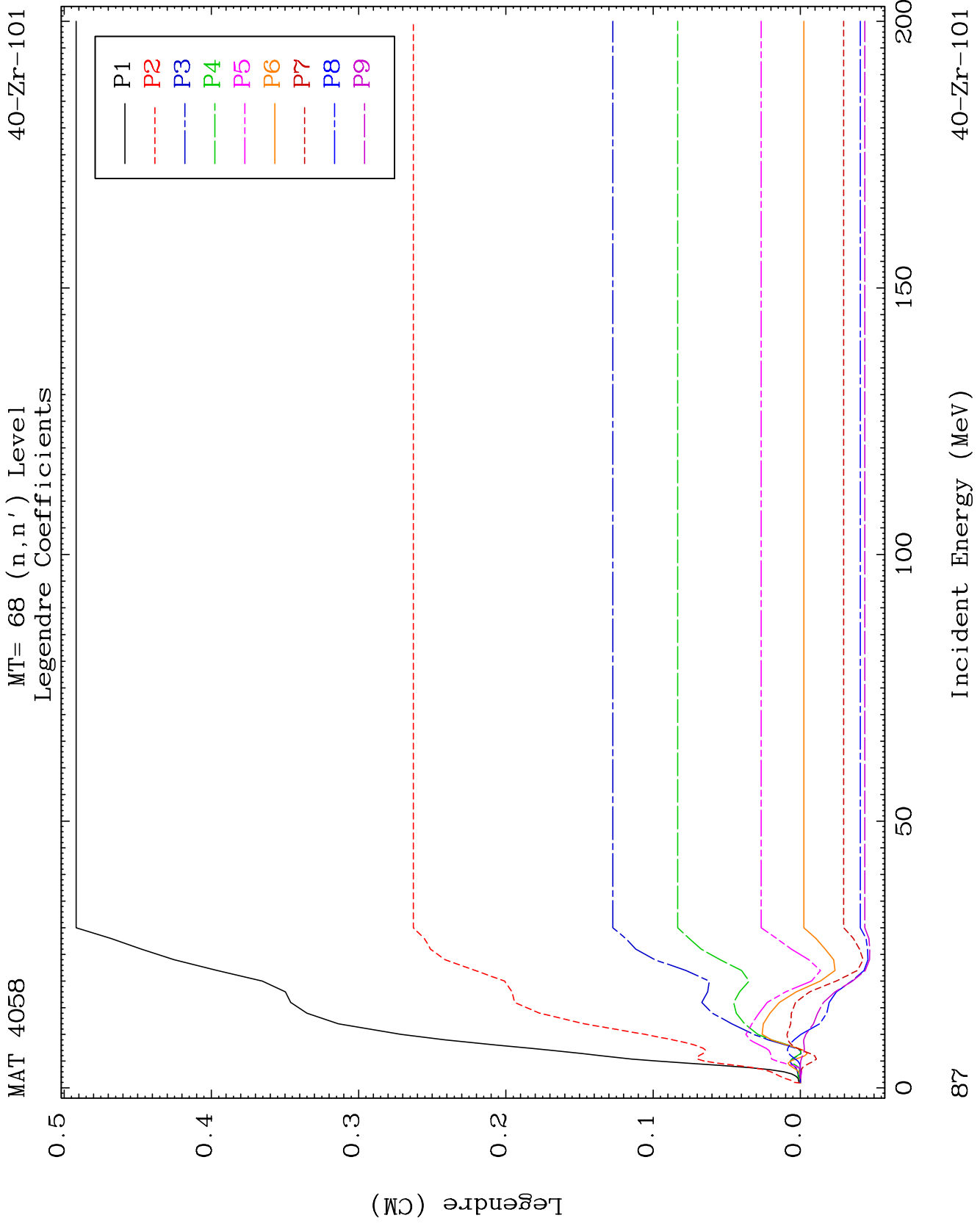
40-Zr-101

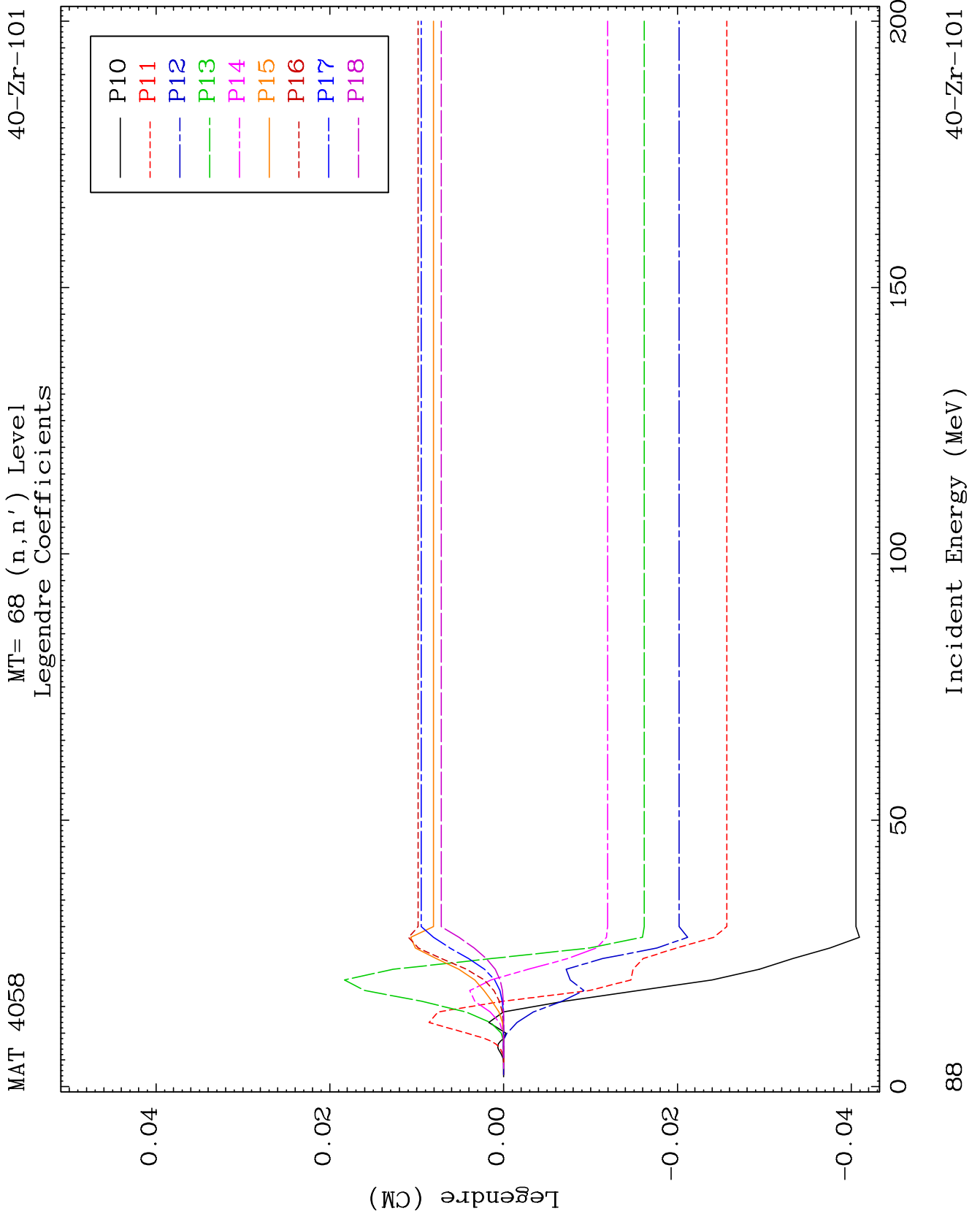


85

40-Zr-101



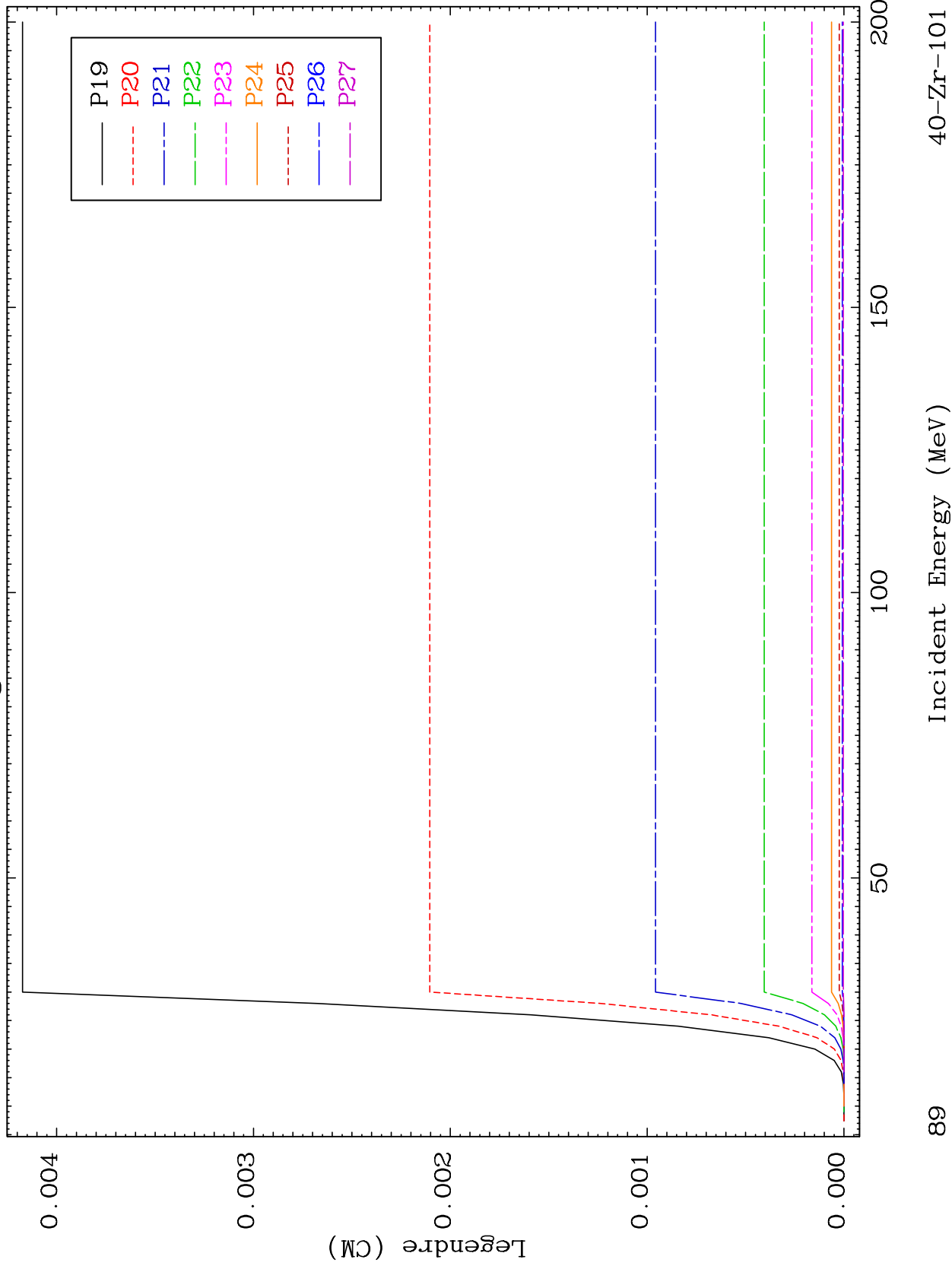




MAT 4058

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

40-Zr-101



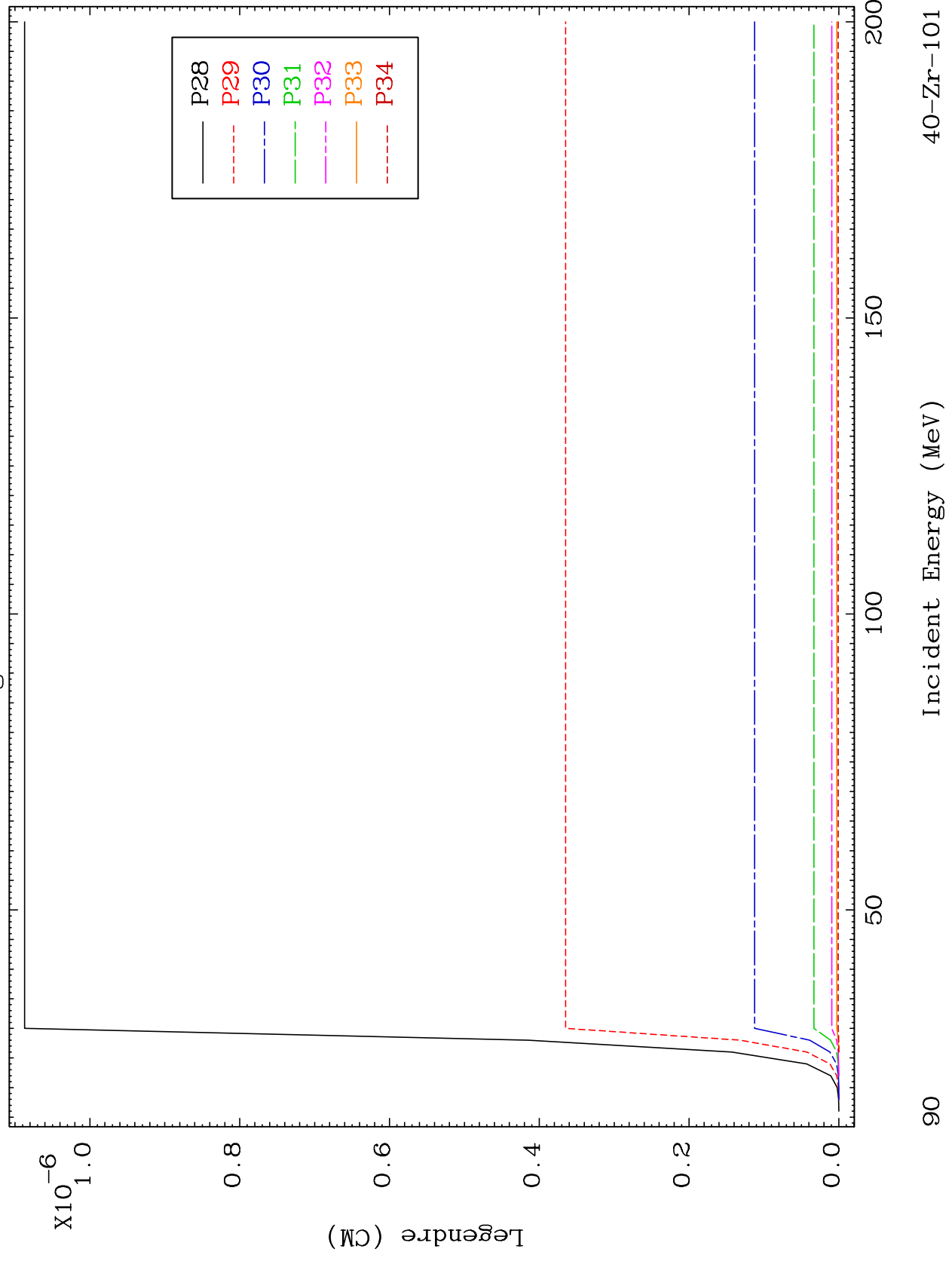
89

40-Zr-101

MAT 4058

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

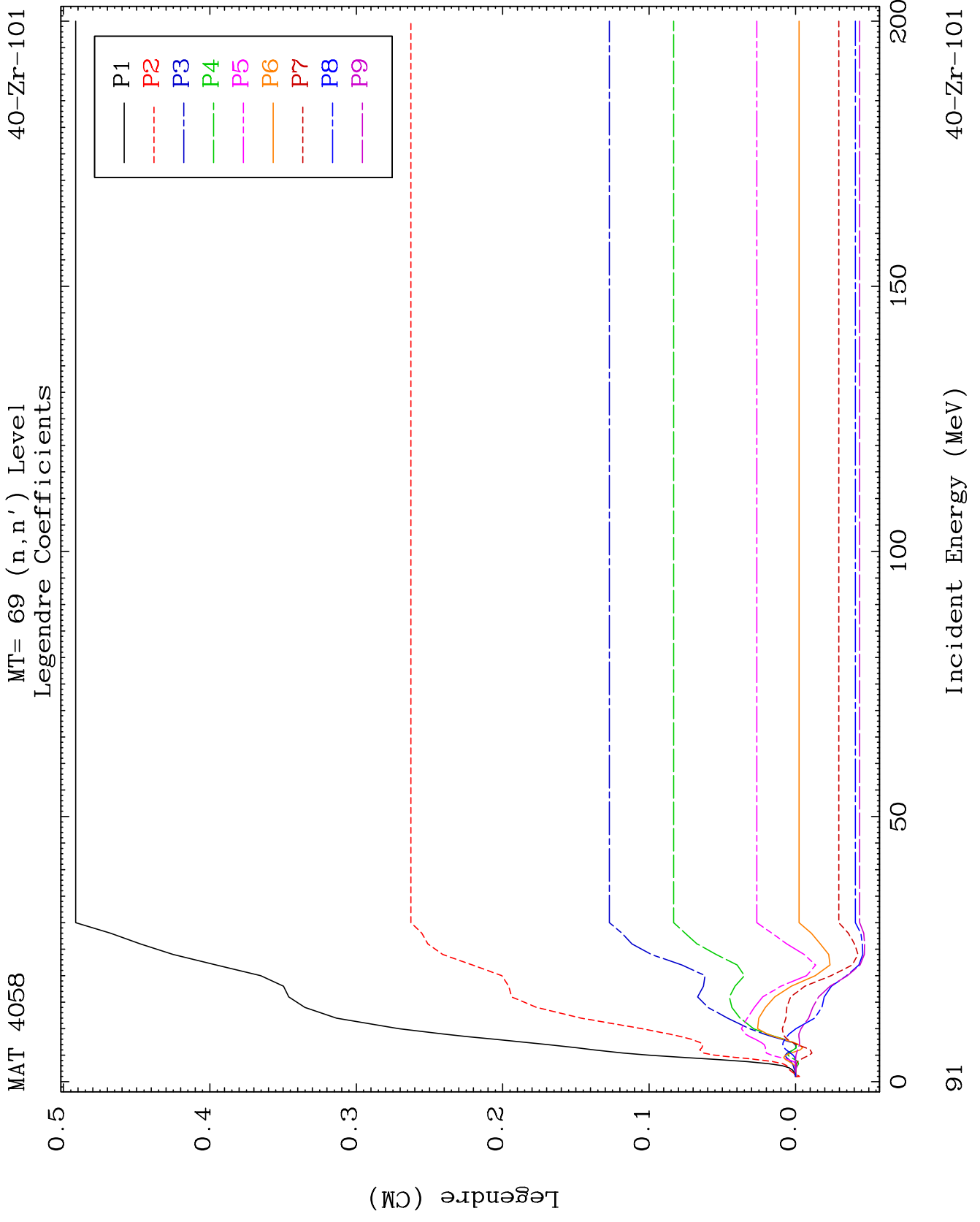
40-Zr-101

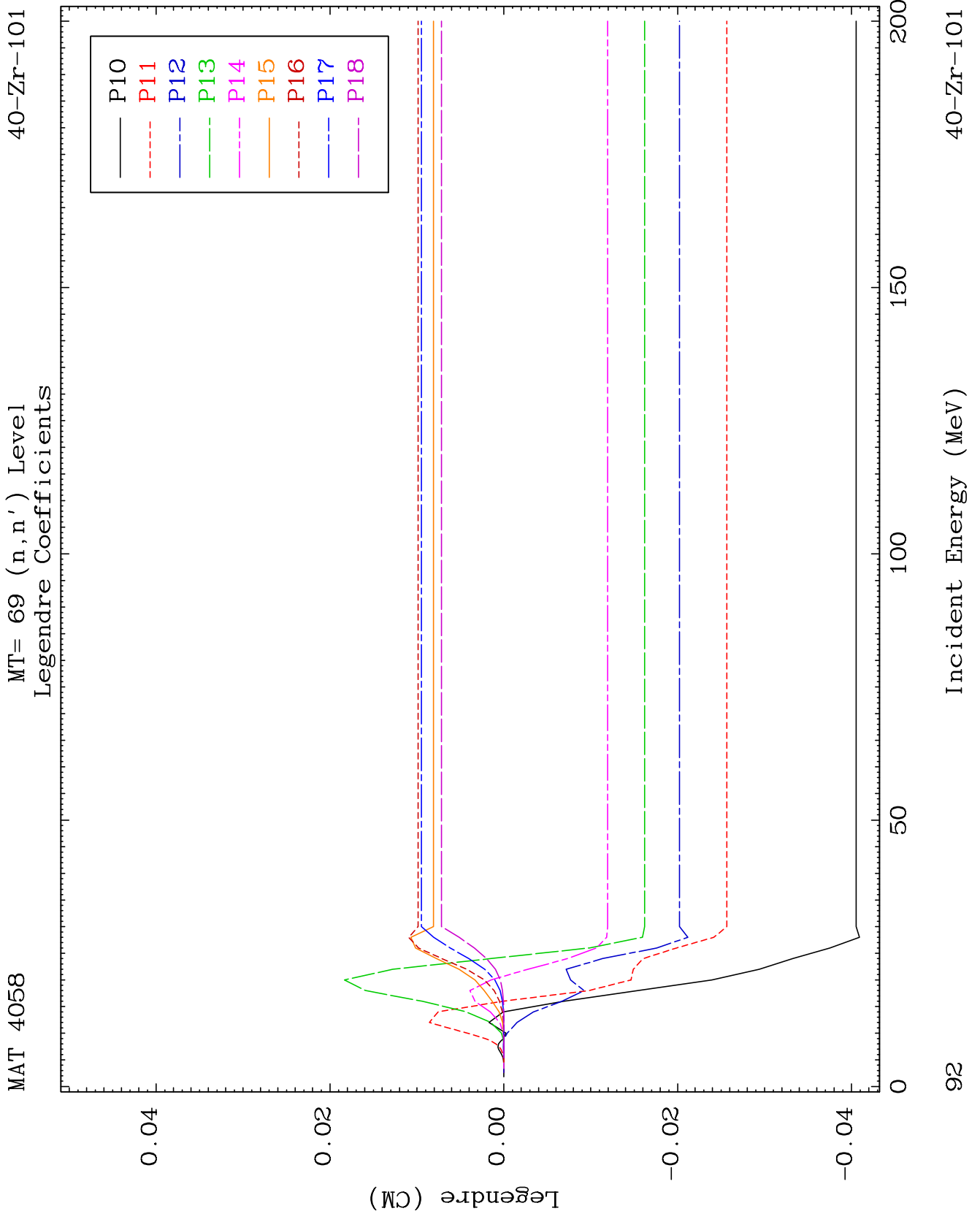


90

Incident Energy (MeV)

40-Zr-101

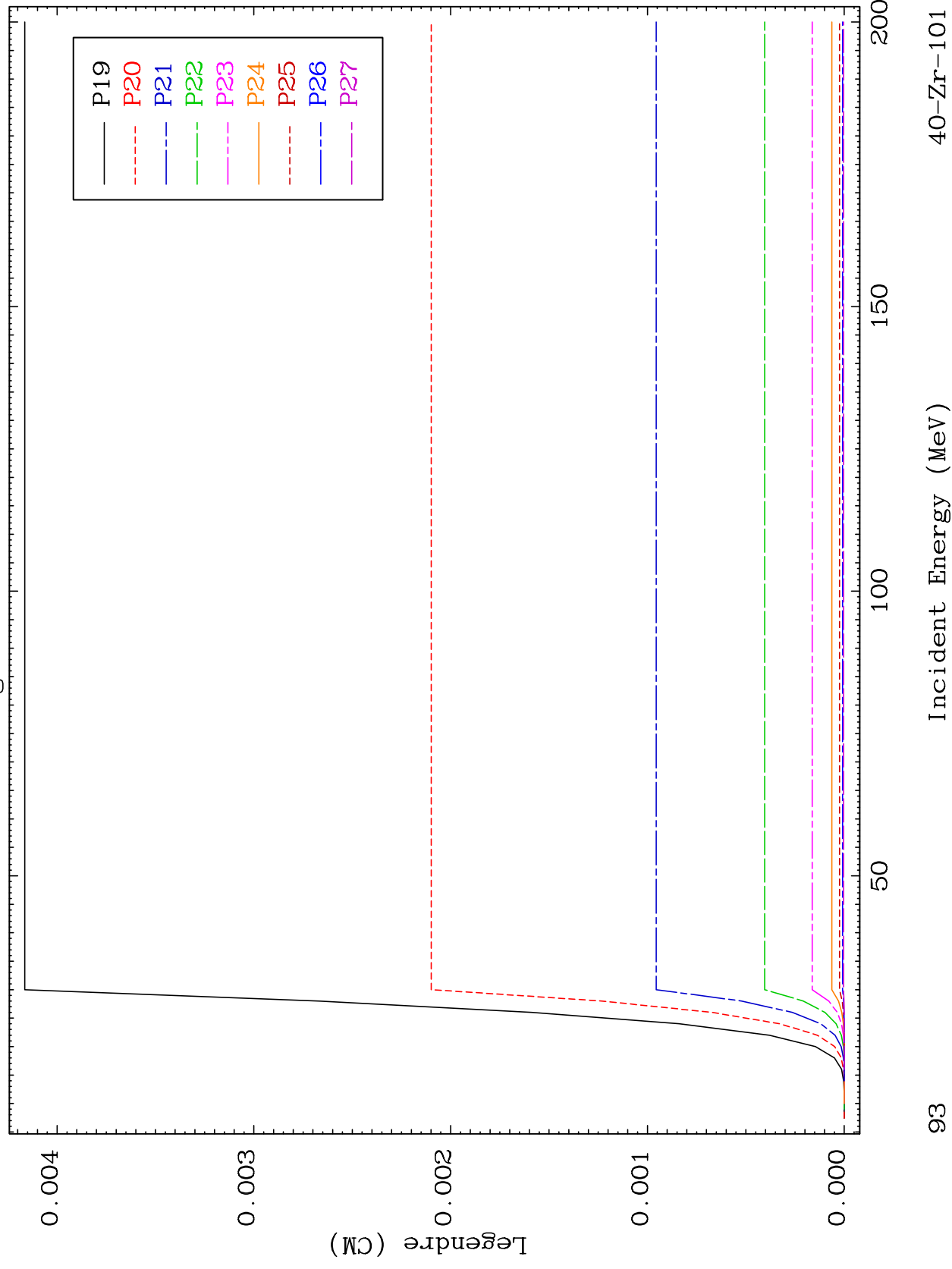




MAT 4058

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

40-Zr-101



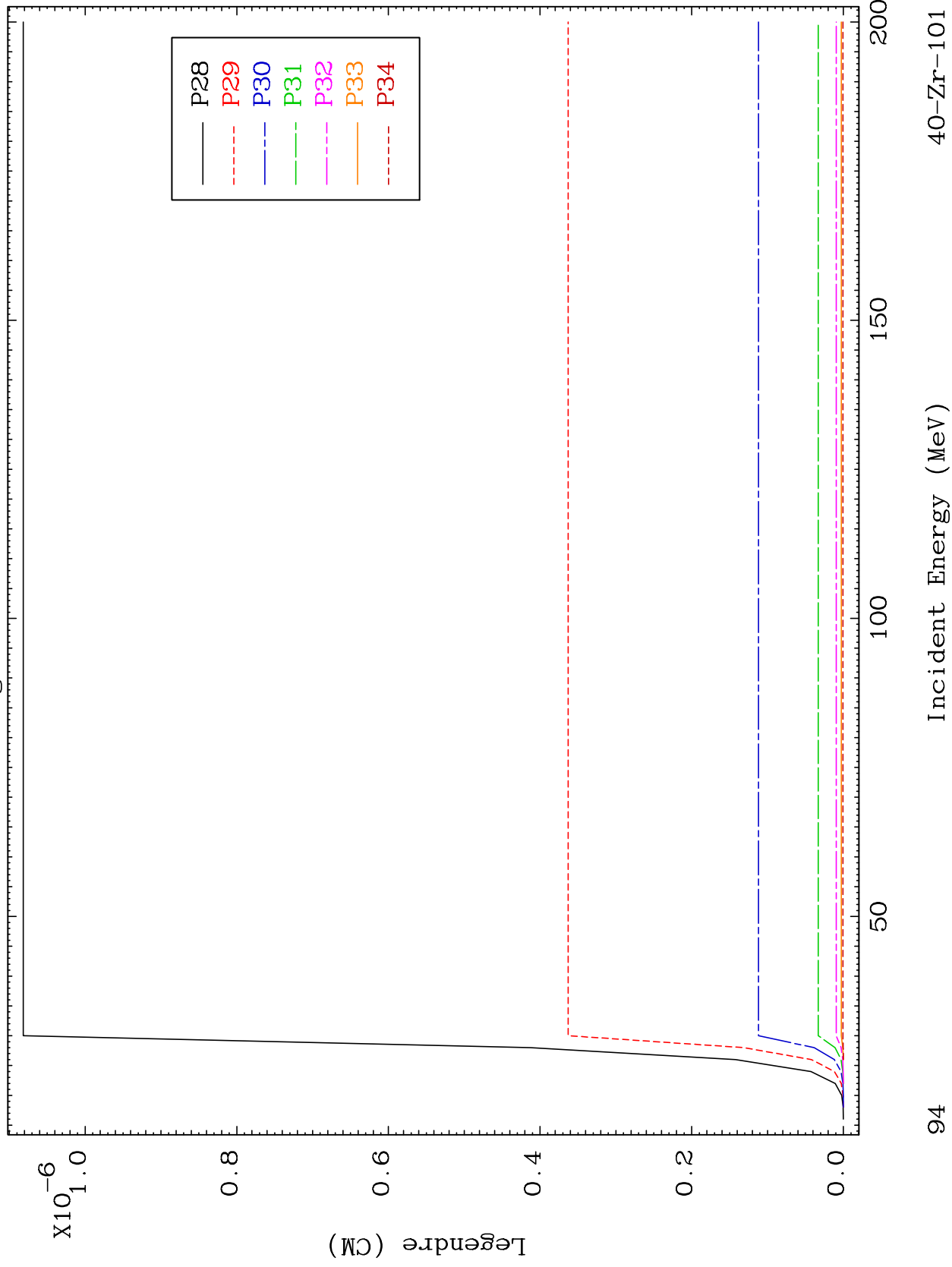
93

40-Zr-101

MAT 4058

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

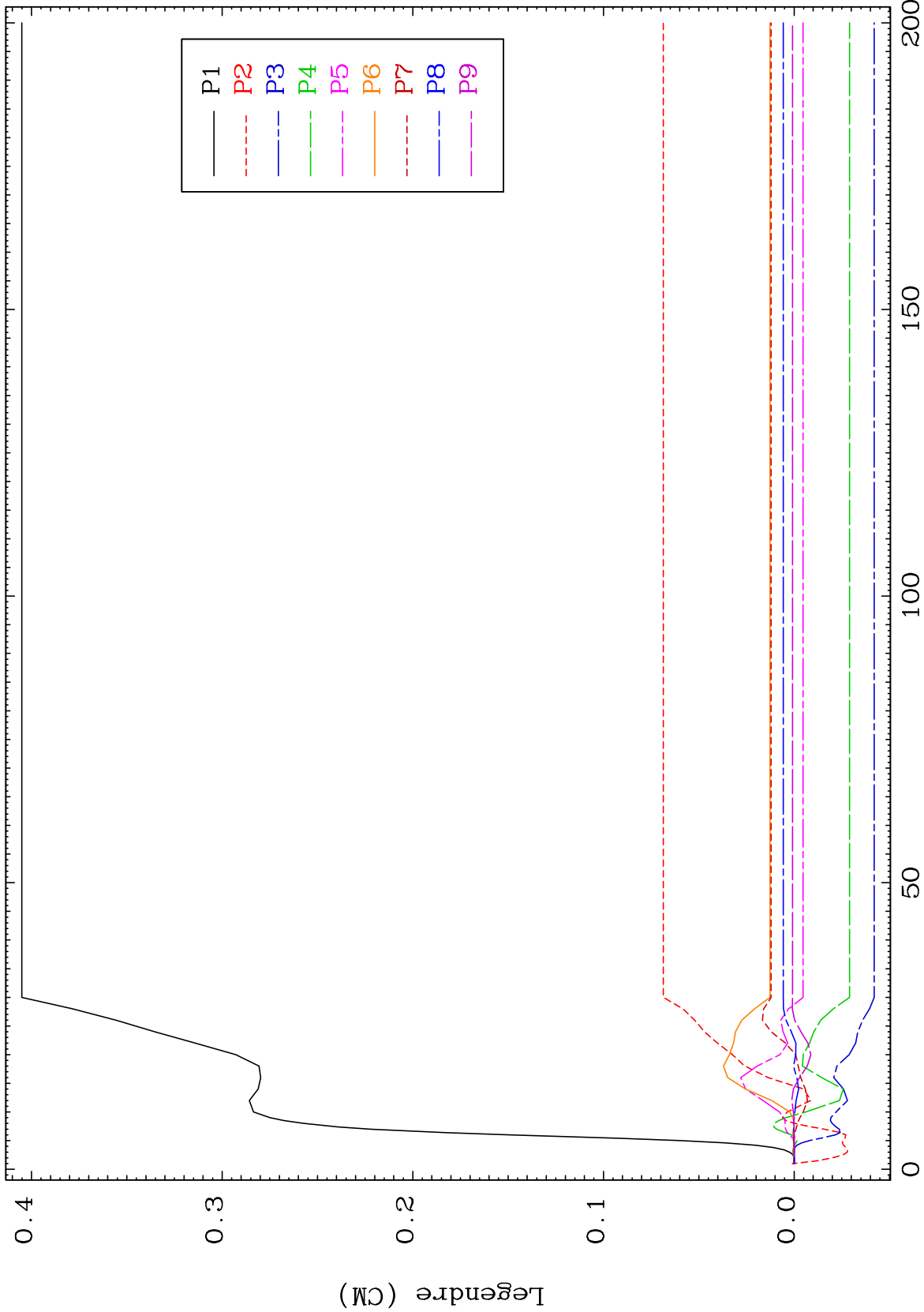
40-Zr-101



MAT 4058

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

40-Zr-101



95

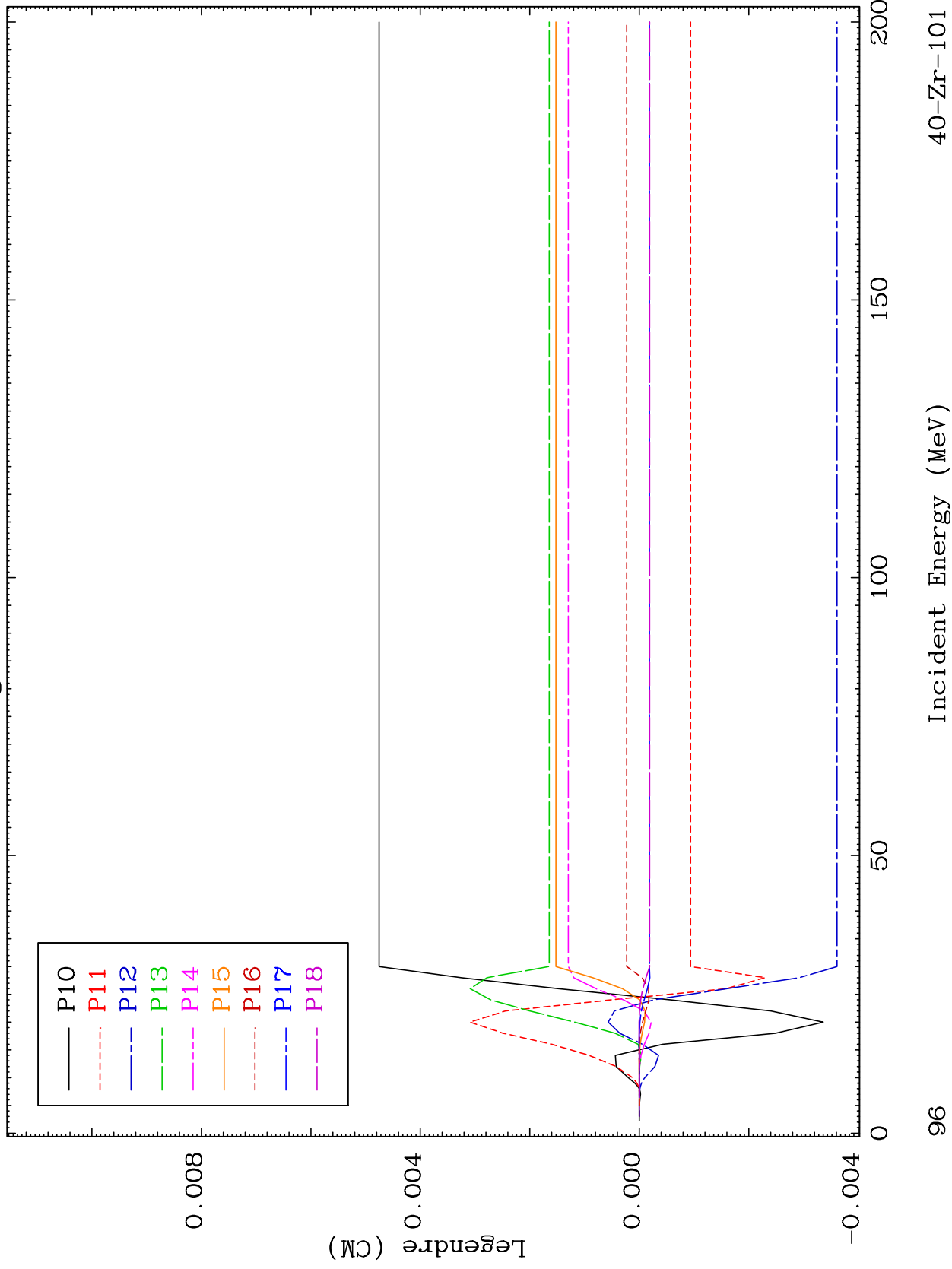
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

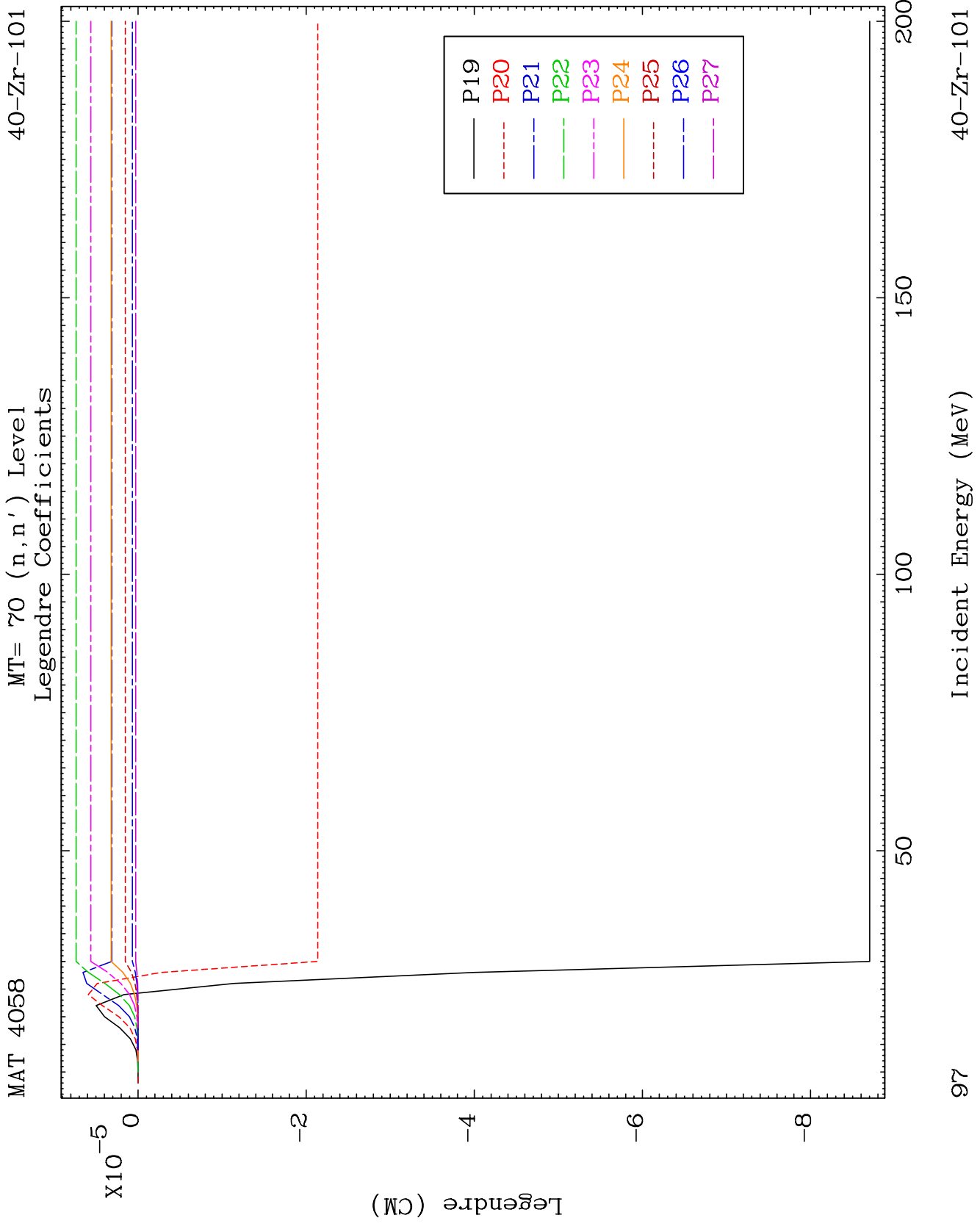
40-Zr-101



96

Incident Energy (MeV)

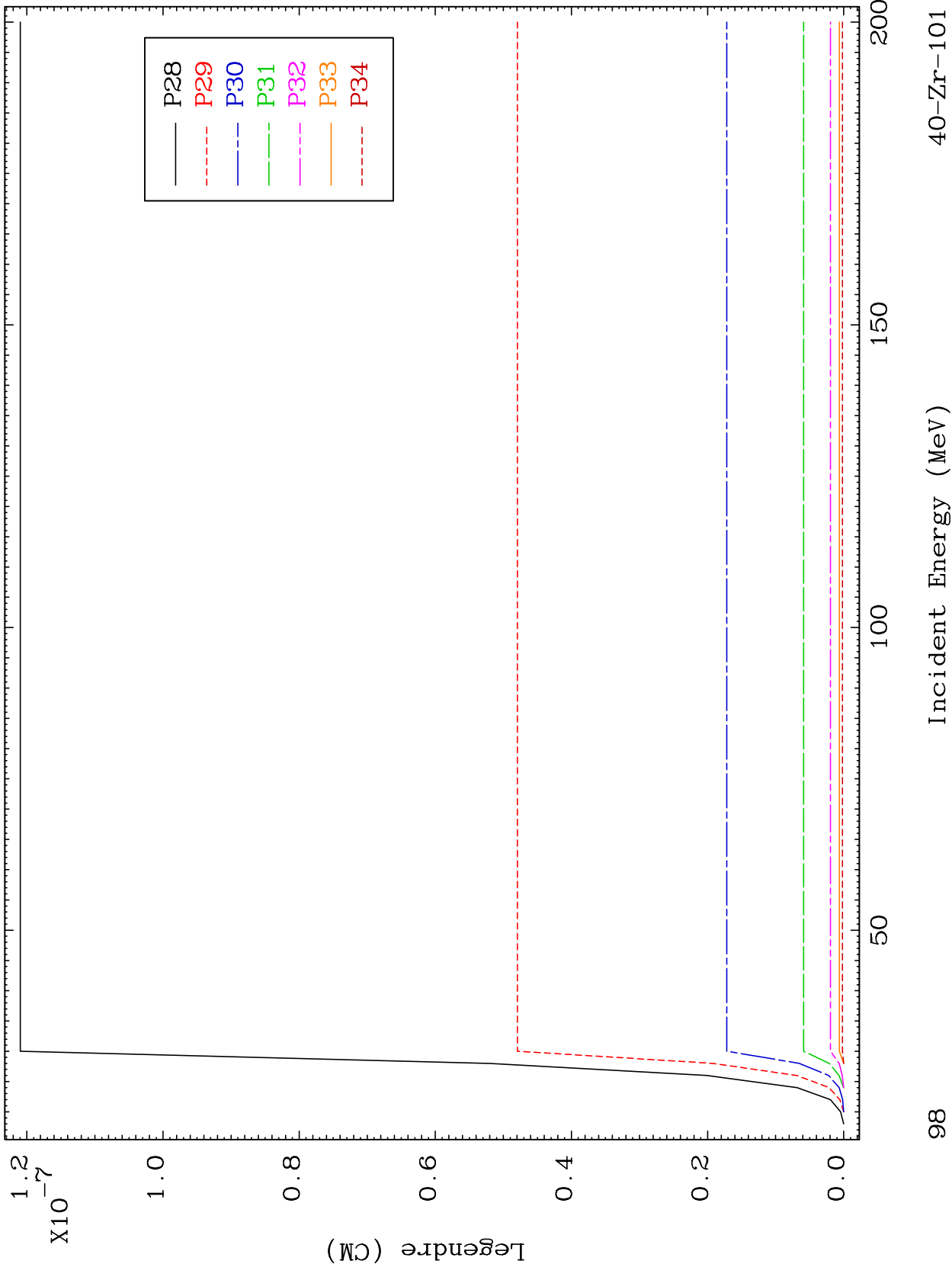
40-Zr-101



MAT 4058

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

40-Zr-101



98

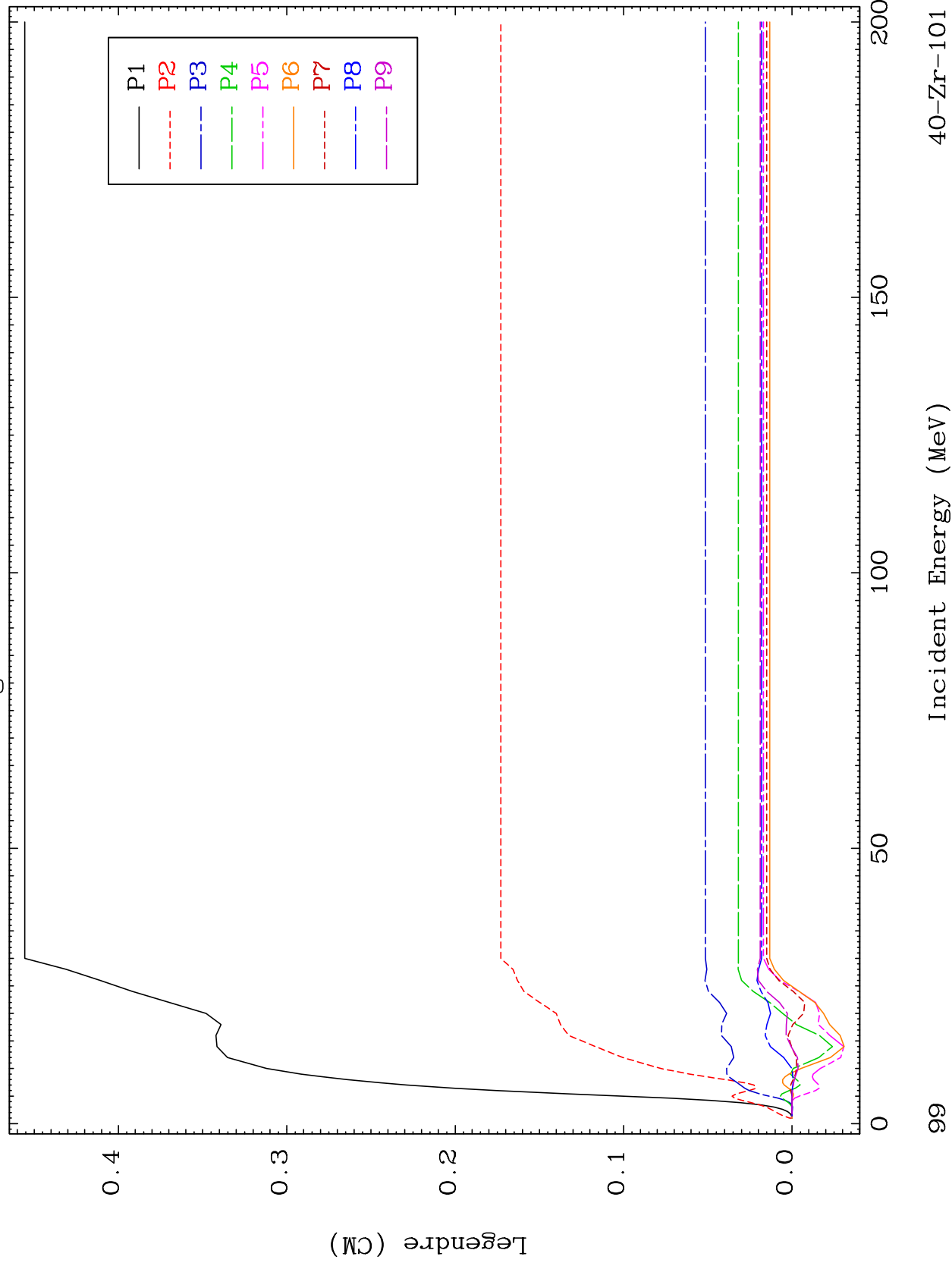
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

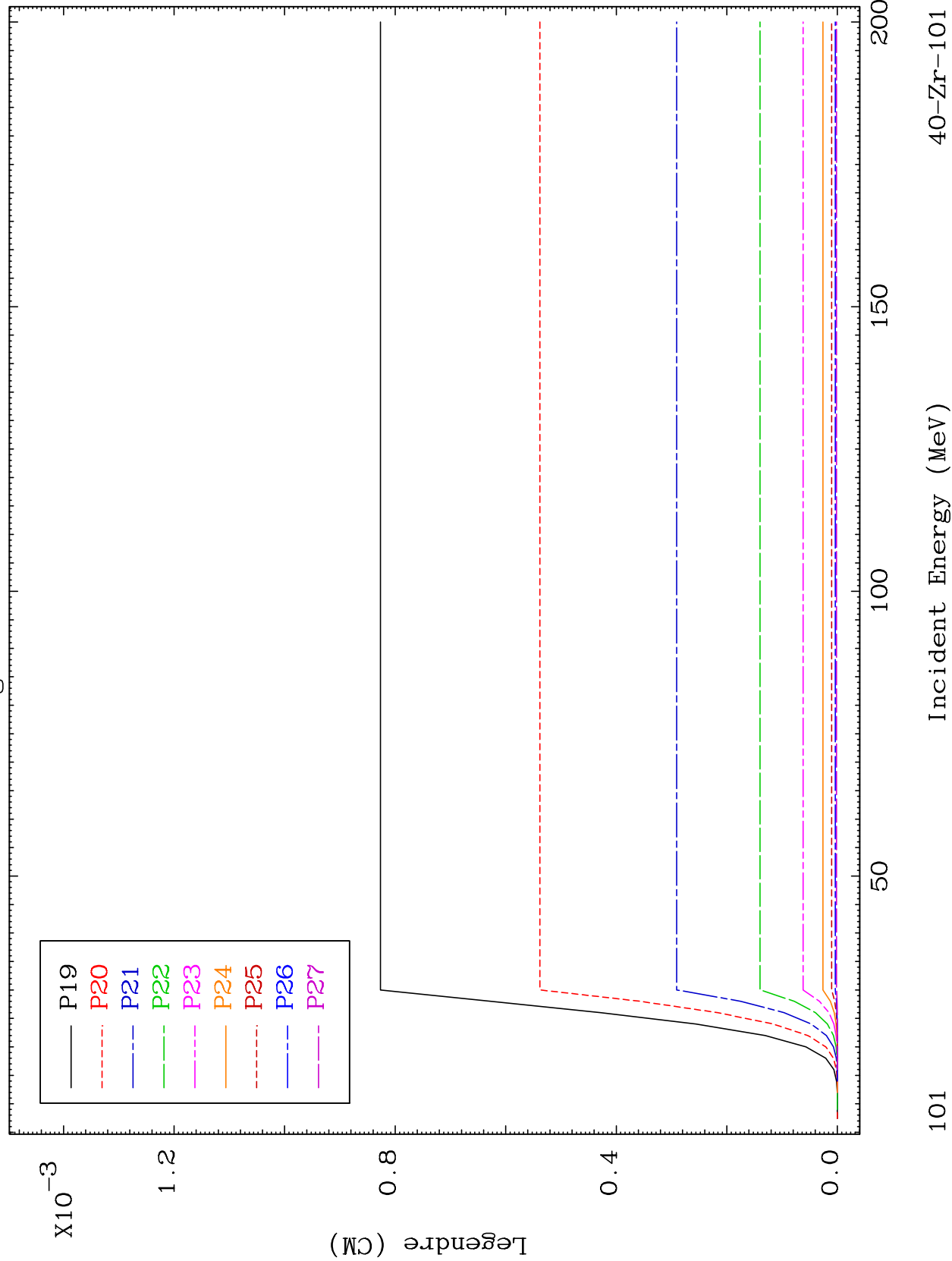
40-Zr-101



MAT 4058

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

40-Zr-101



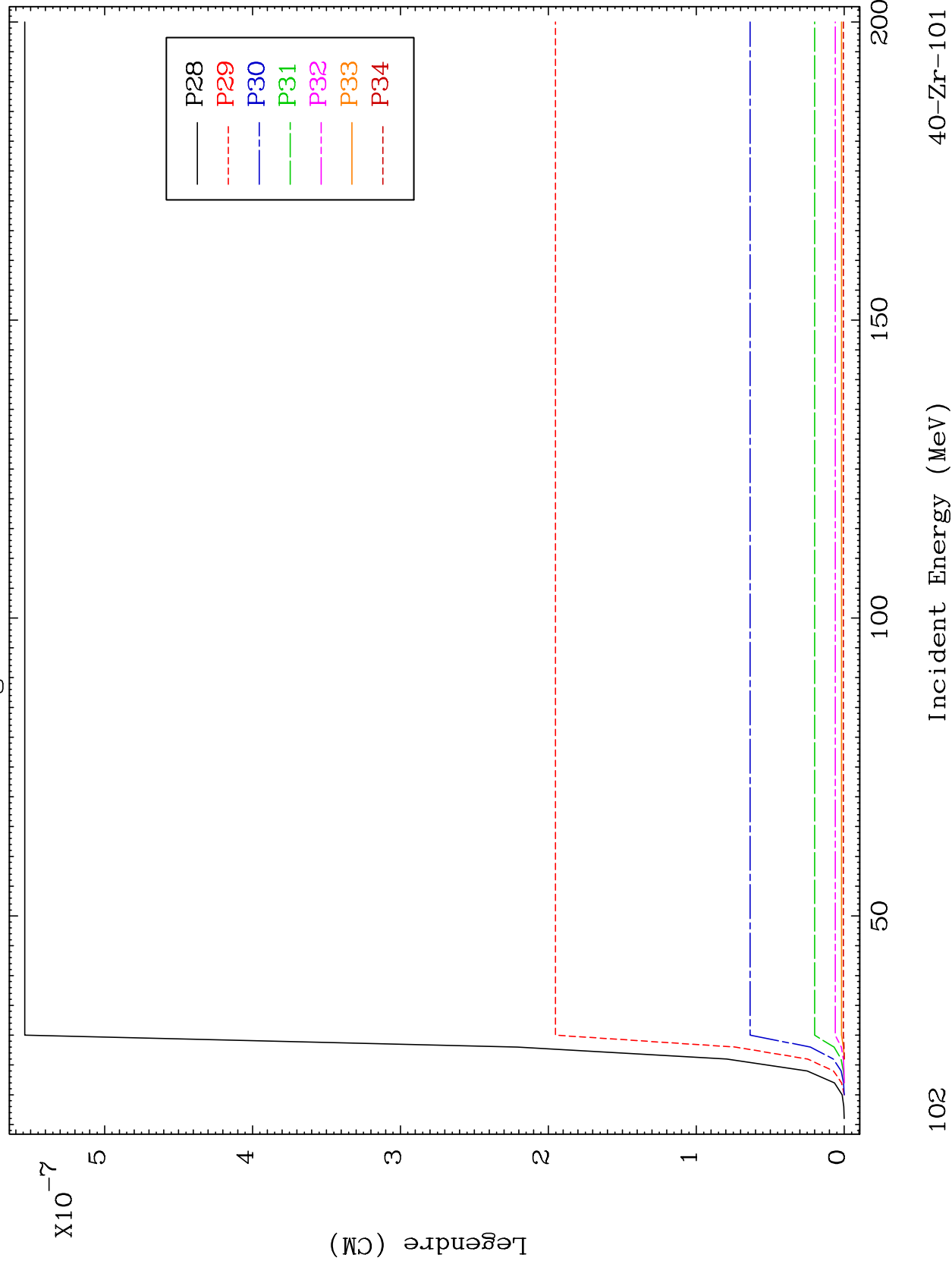
101

40-Zr-101

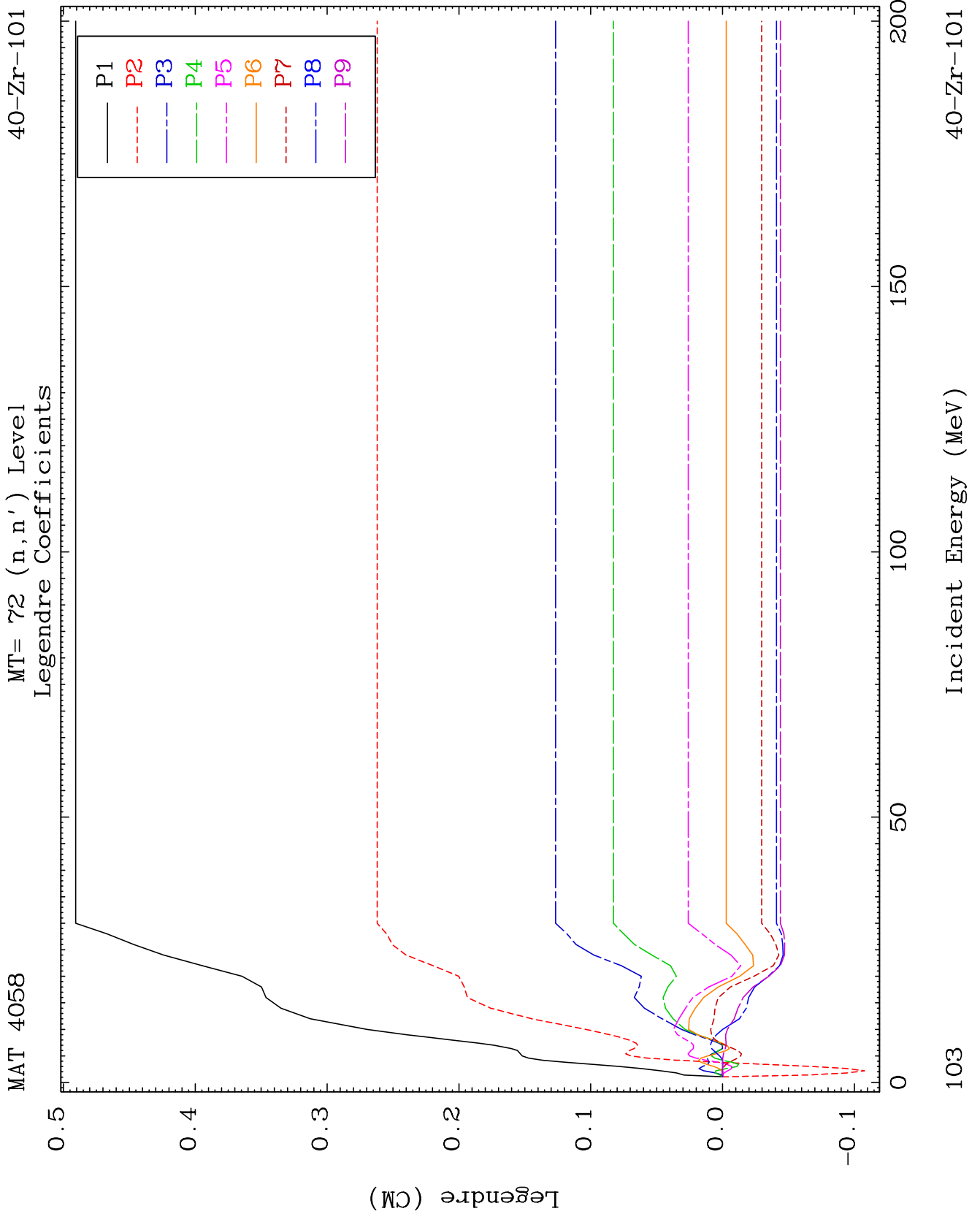
MAT 4058

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

40-Zr-101



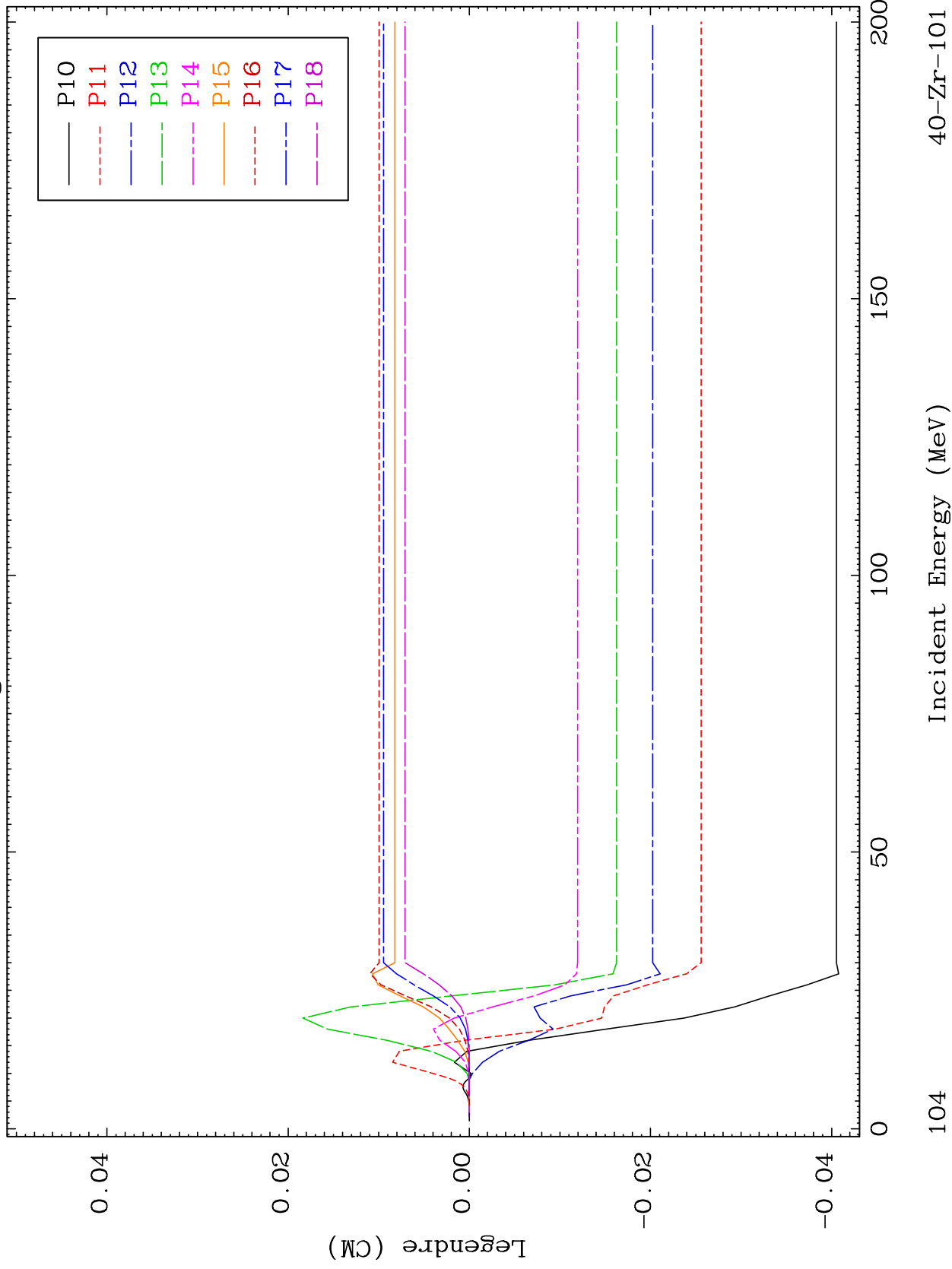
102



MAT 4058

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

40-Zr-101



104

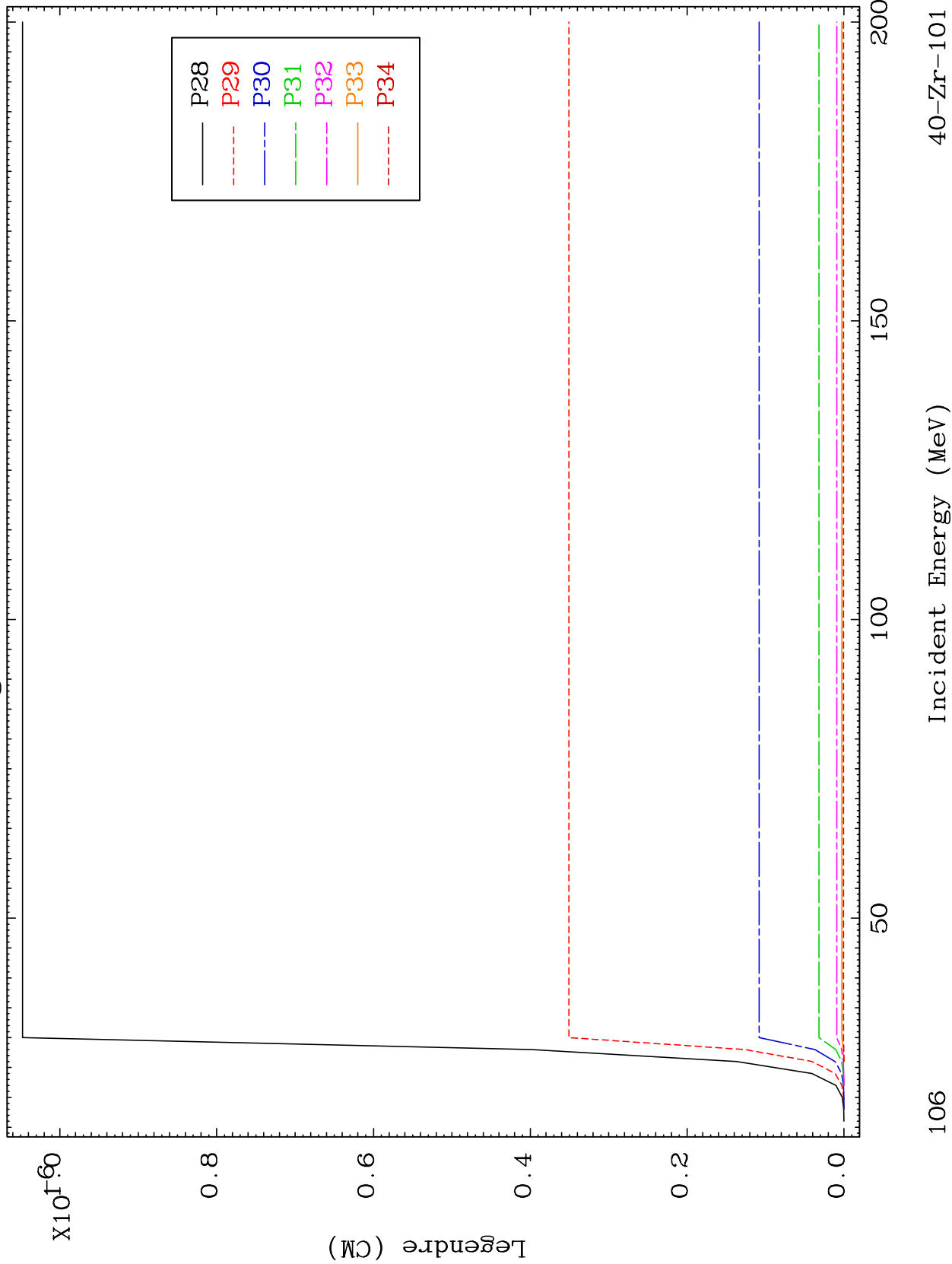
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

40-Zr-101

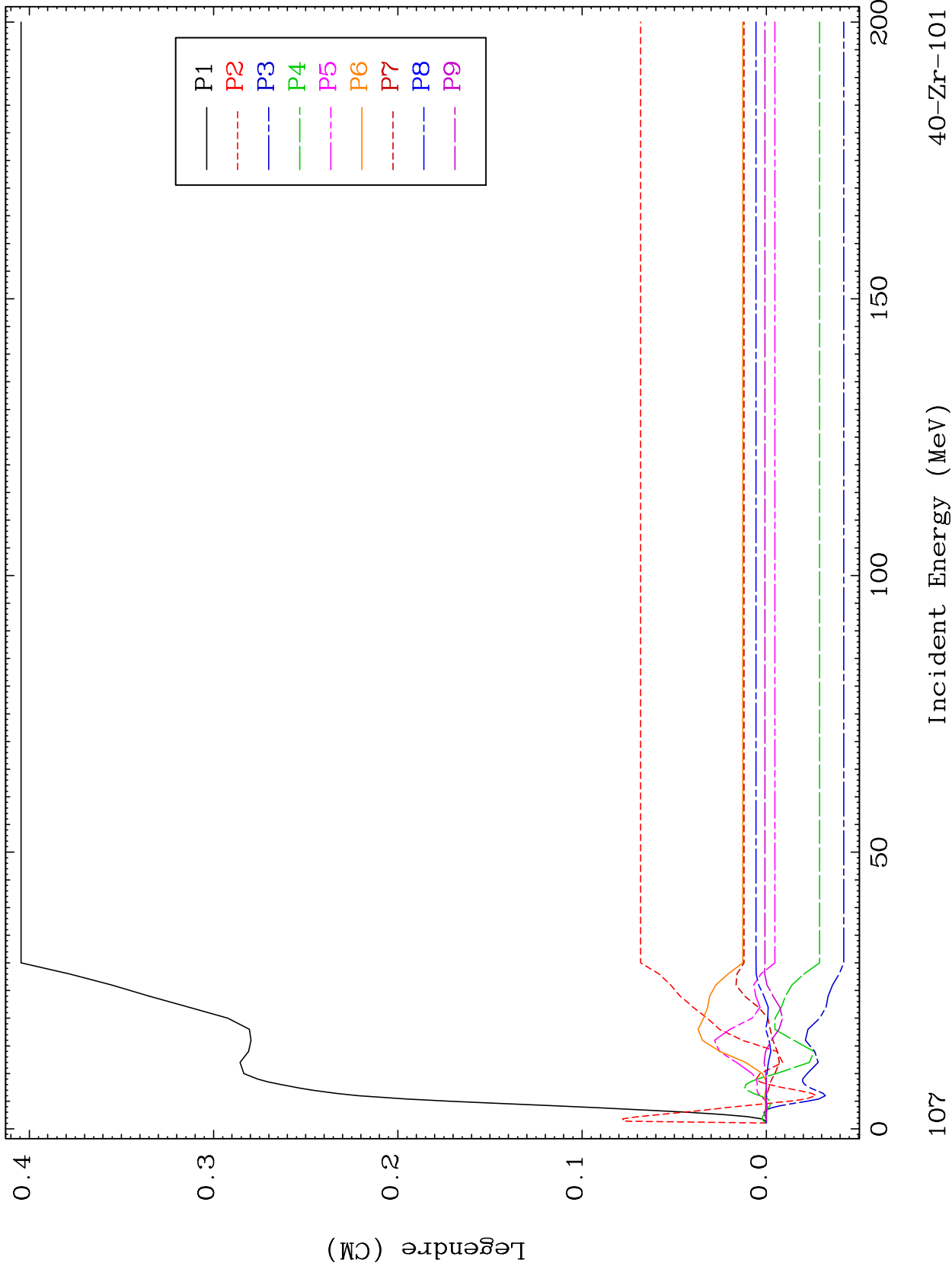


106

MAT 4058

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

40-Zr-101

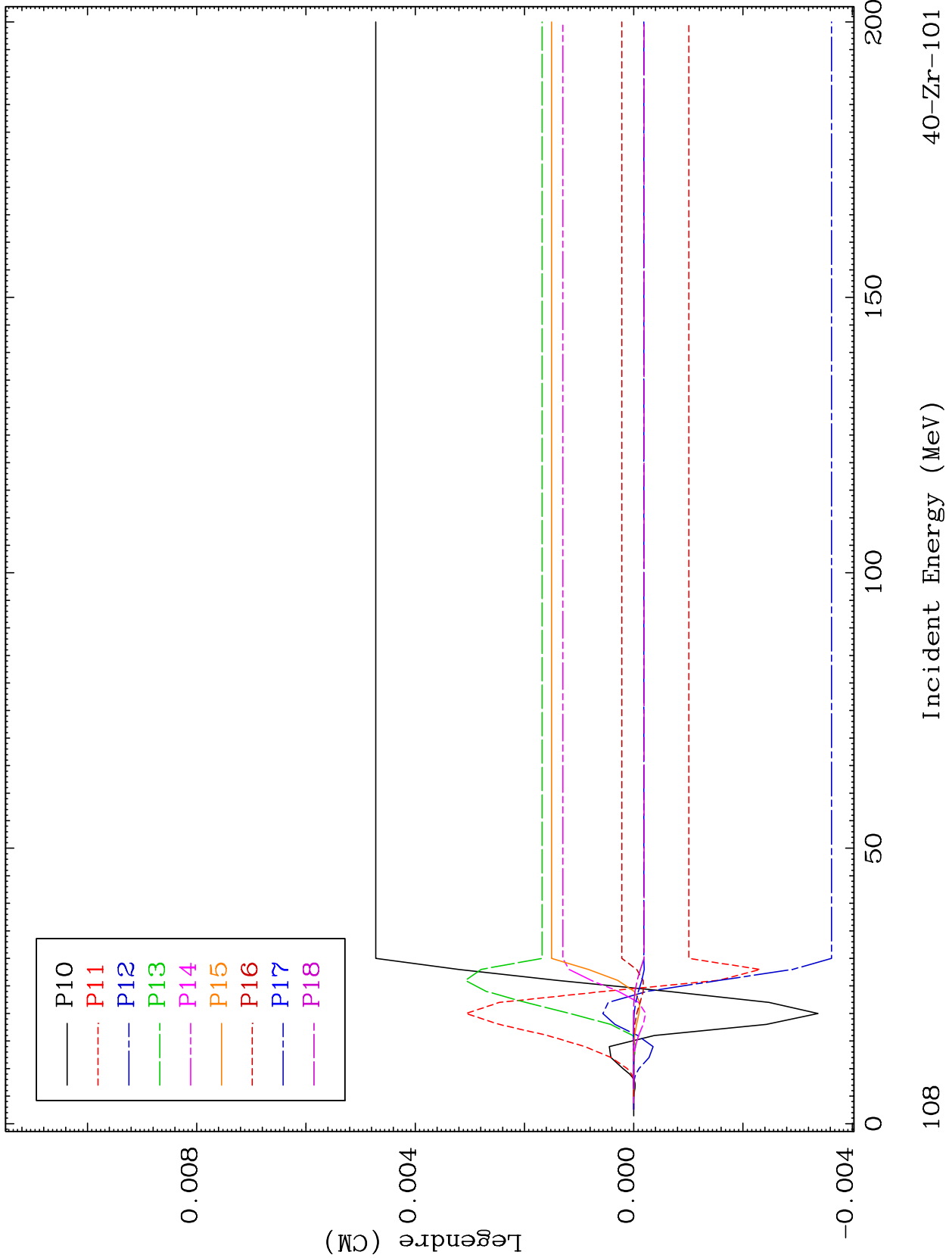


107

MAT 4058

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

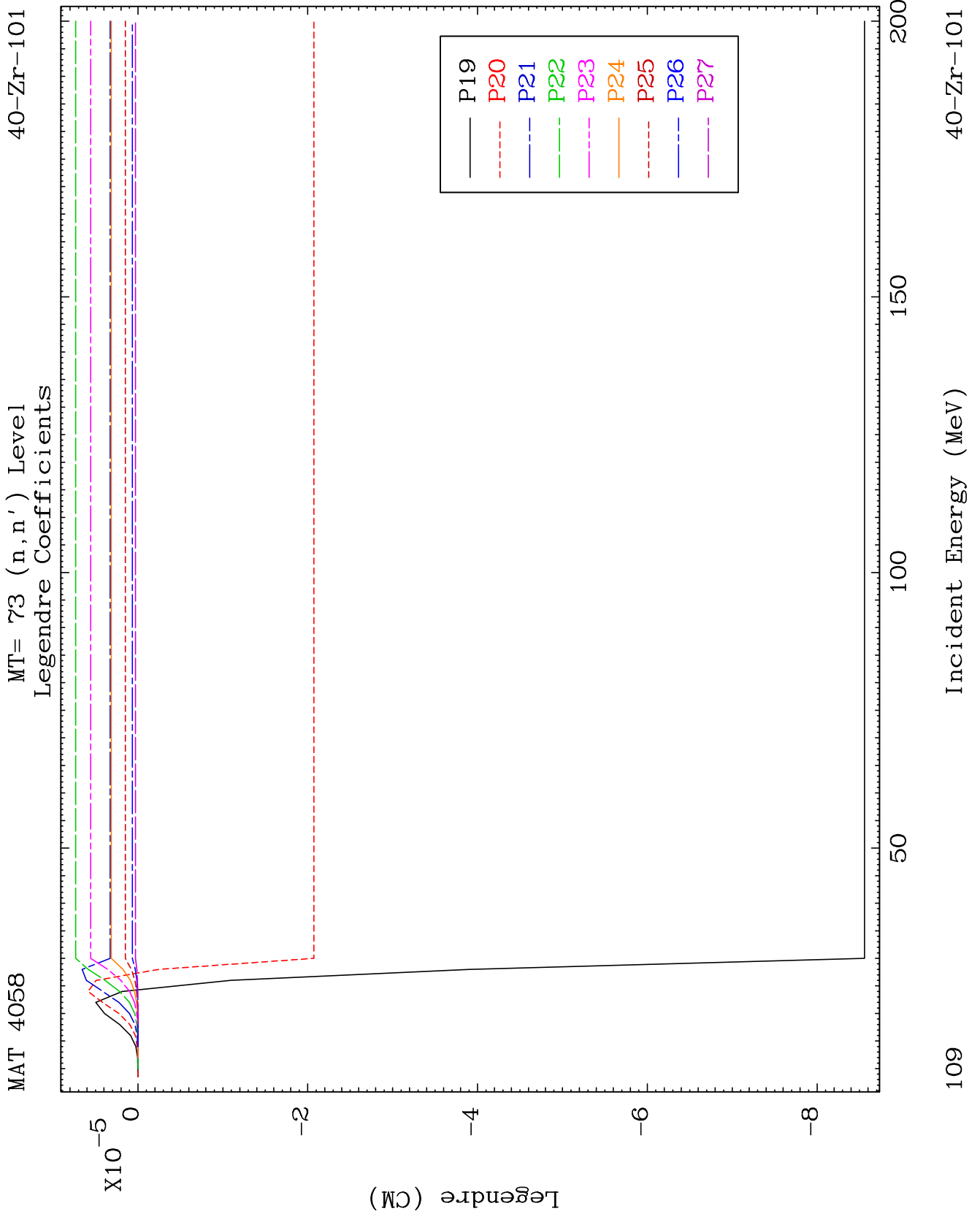
40-Zr-101

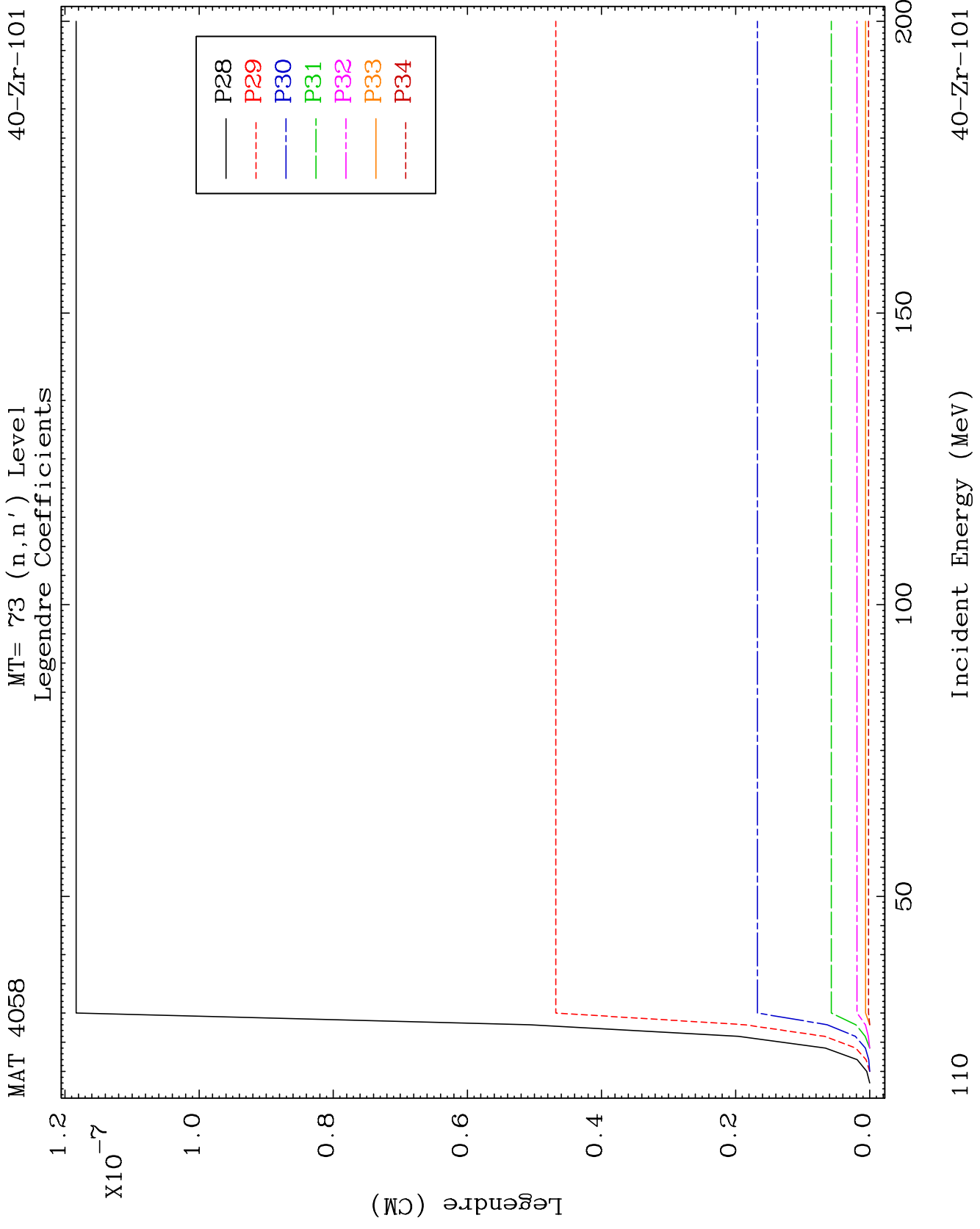


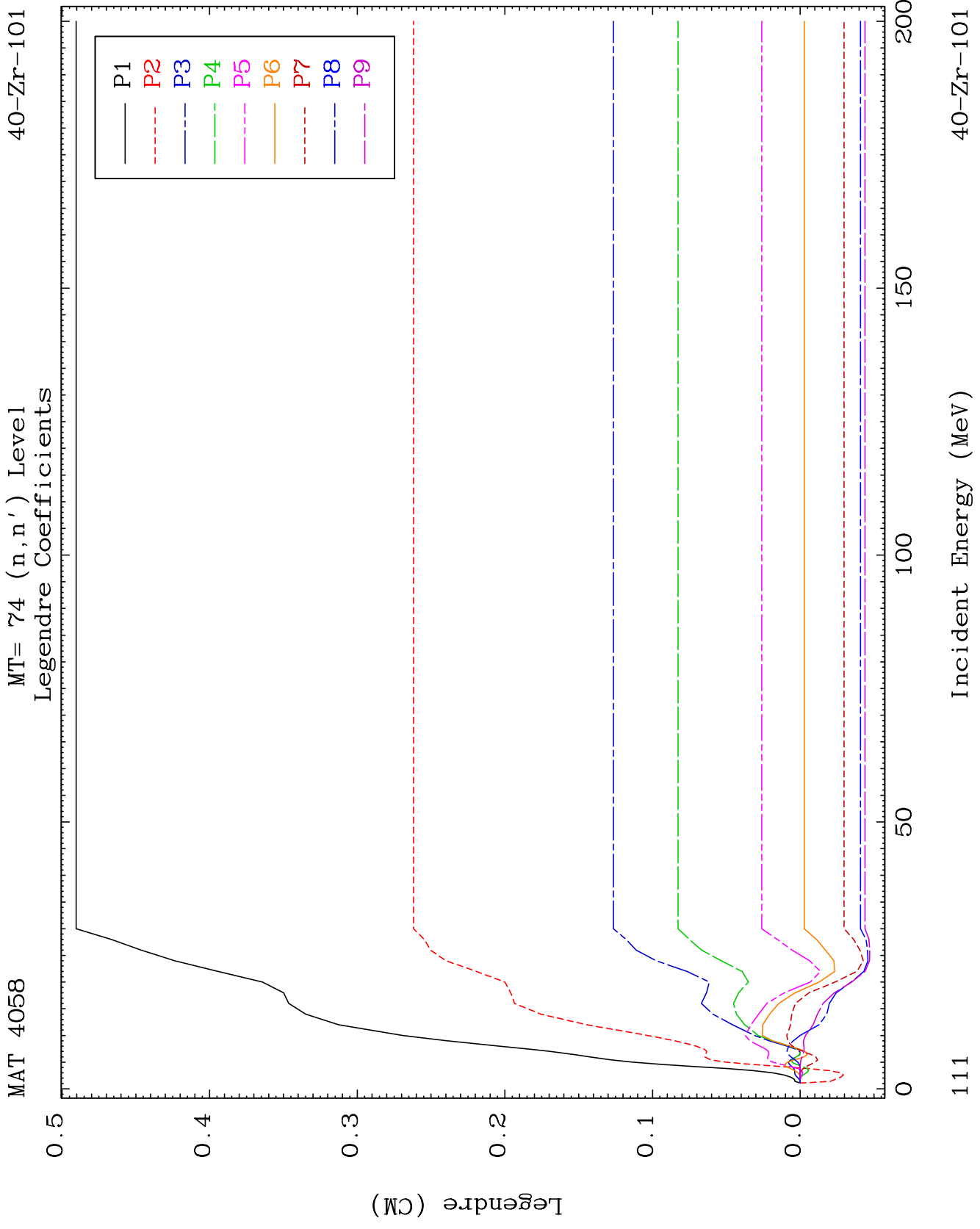
40-Zr-101

Incident Energy (MeV)

108



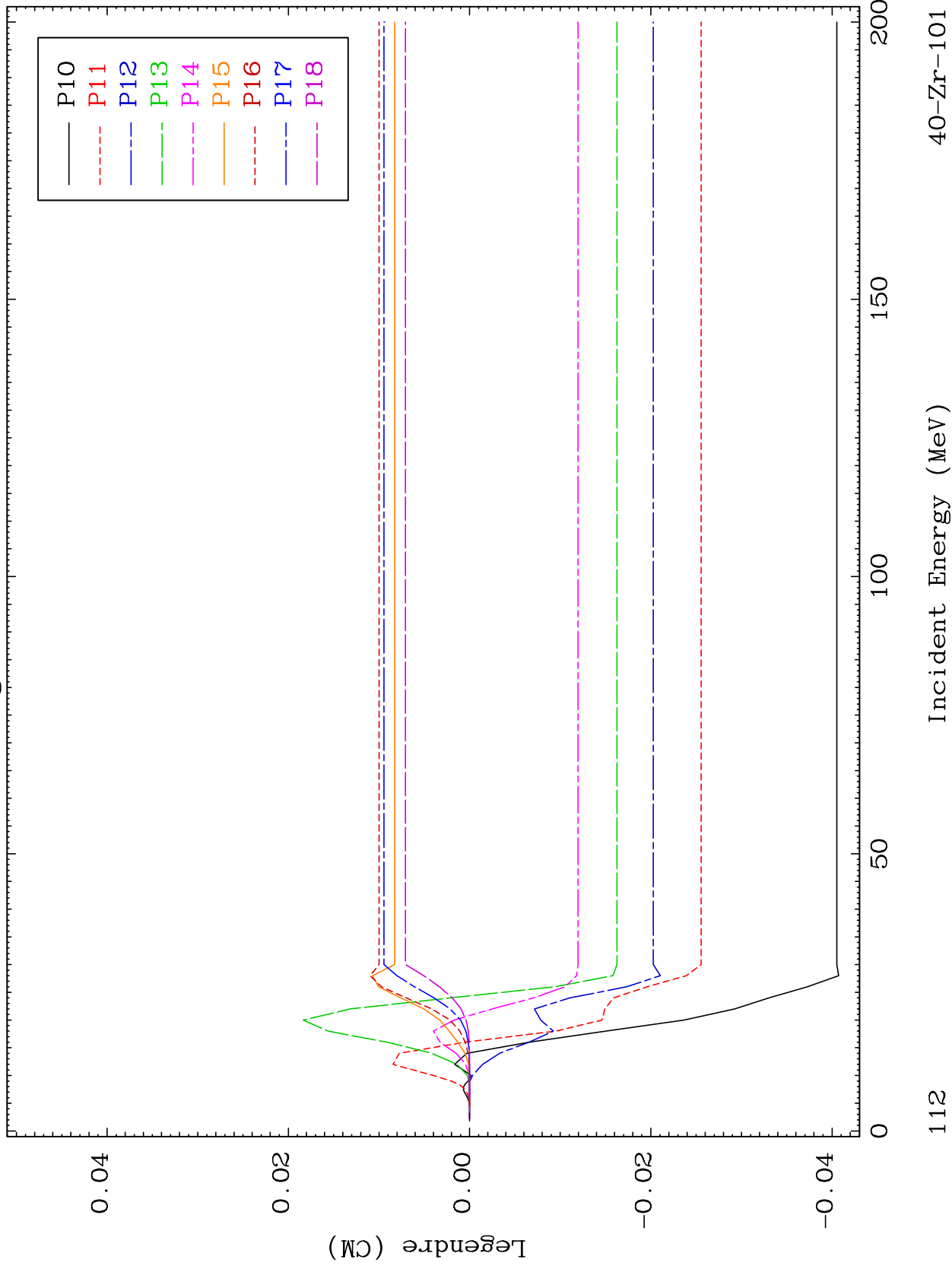




MAT 4058

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

40-Zr-101



112

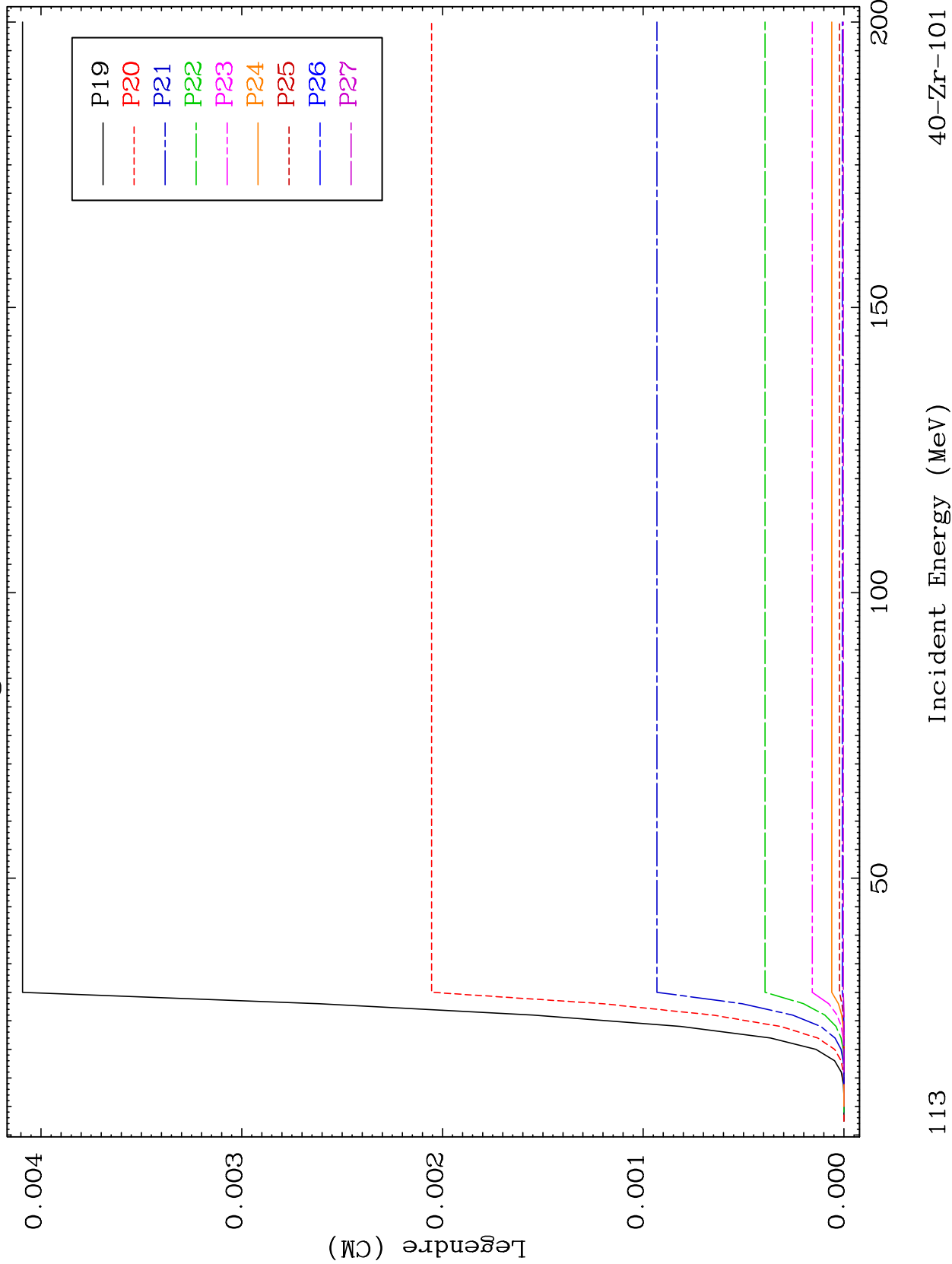
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

40-Zr-101



113

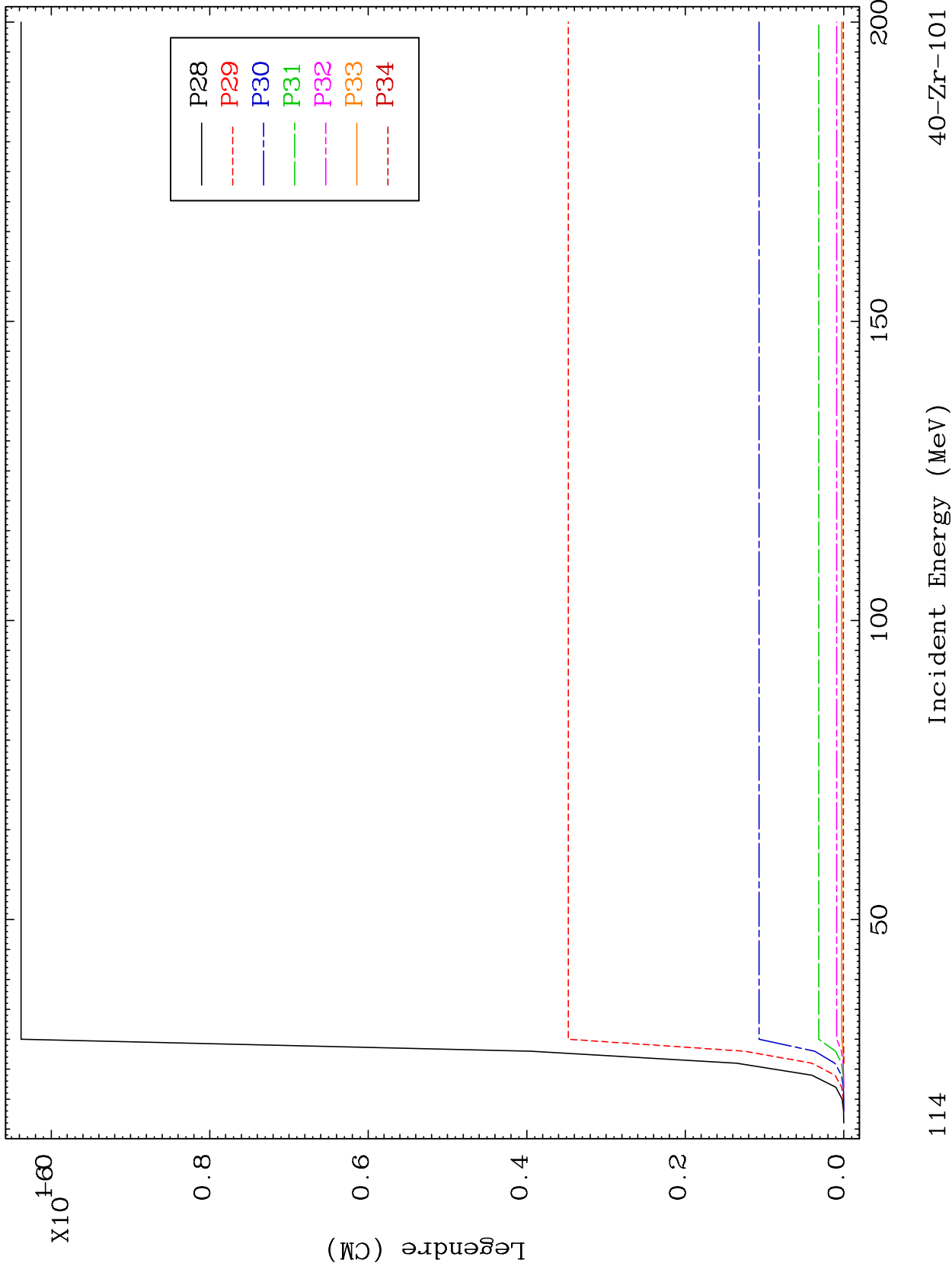
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

40-Zr-101



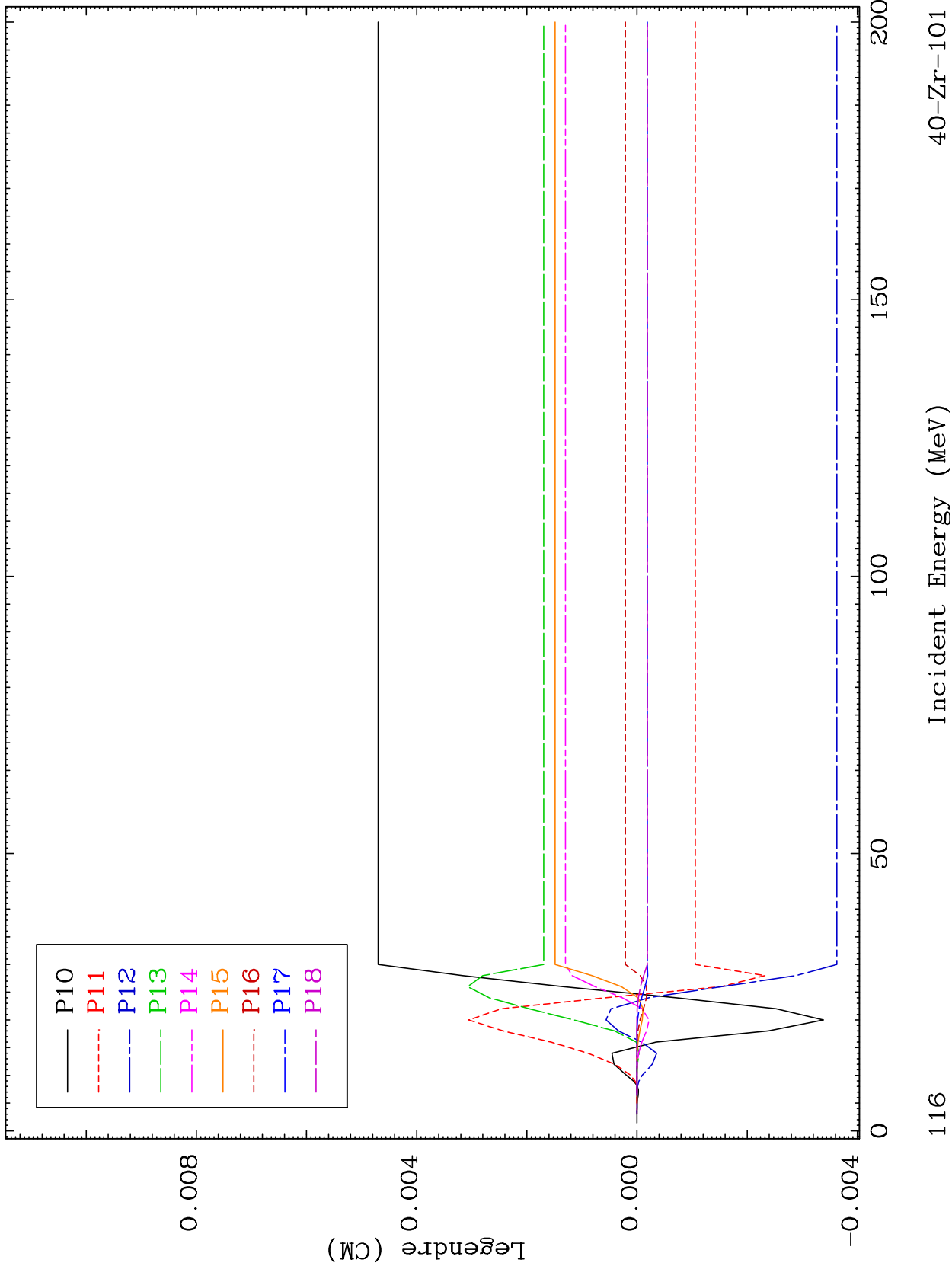
114

40-Zr-101

MAT 4058

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

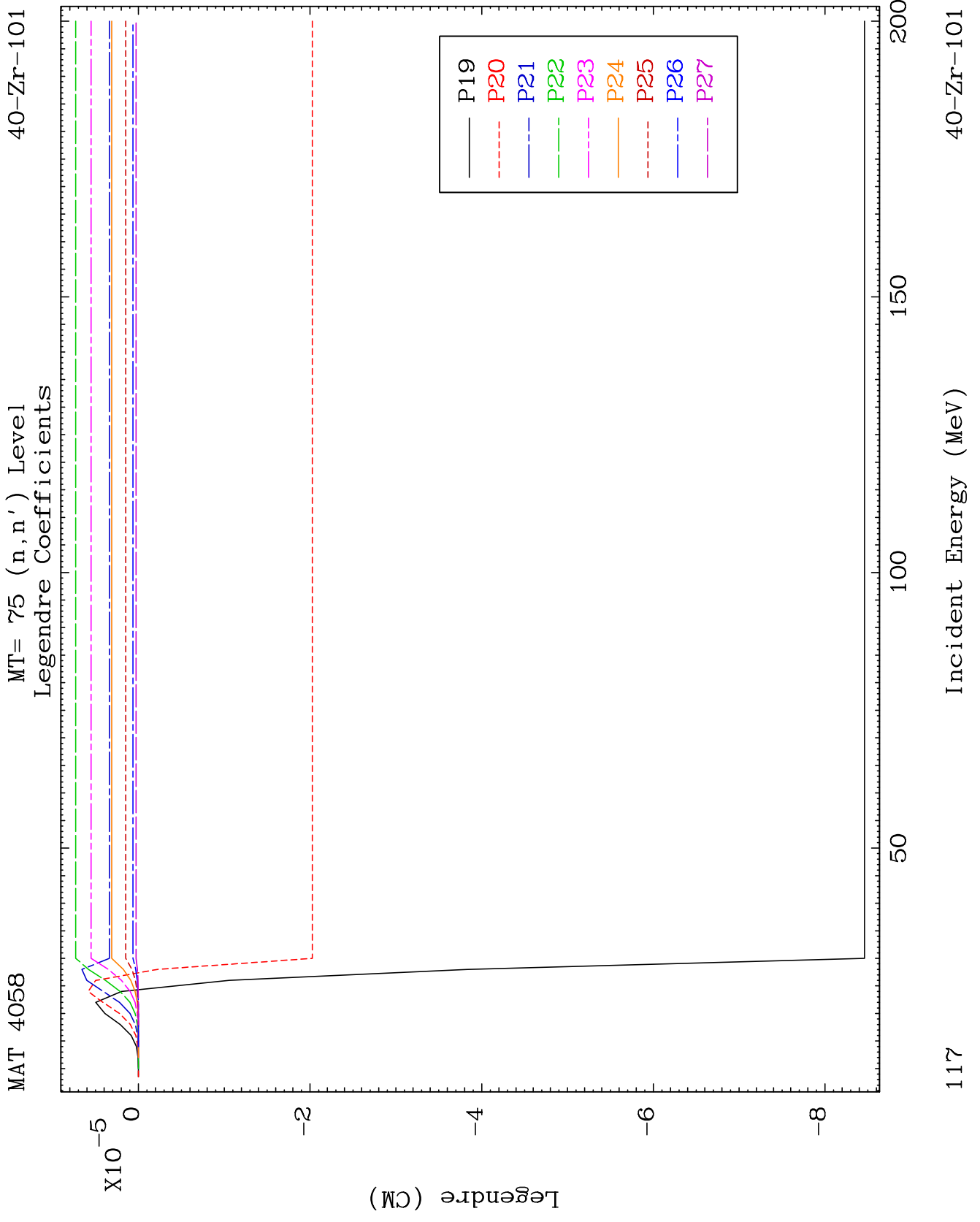
40-Zr-101



116

Incident Energy (MeV)

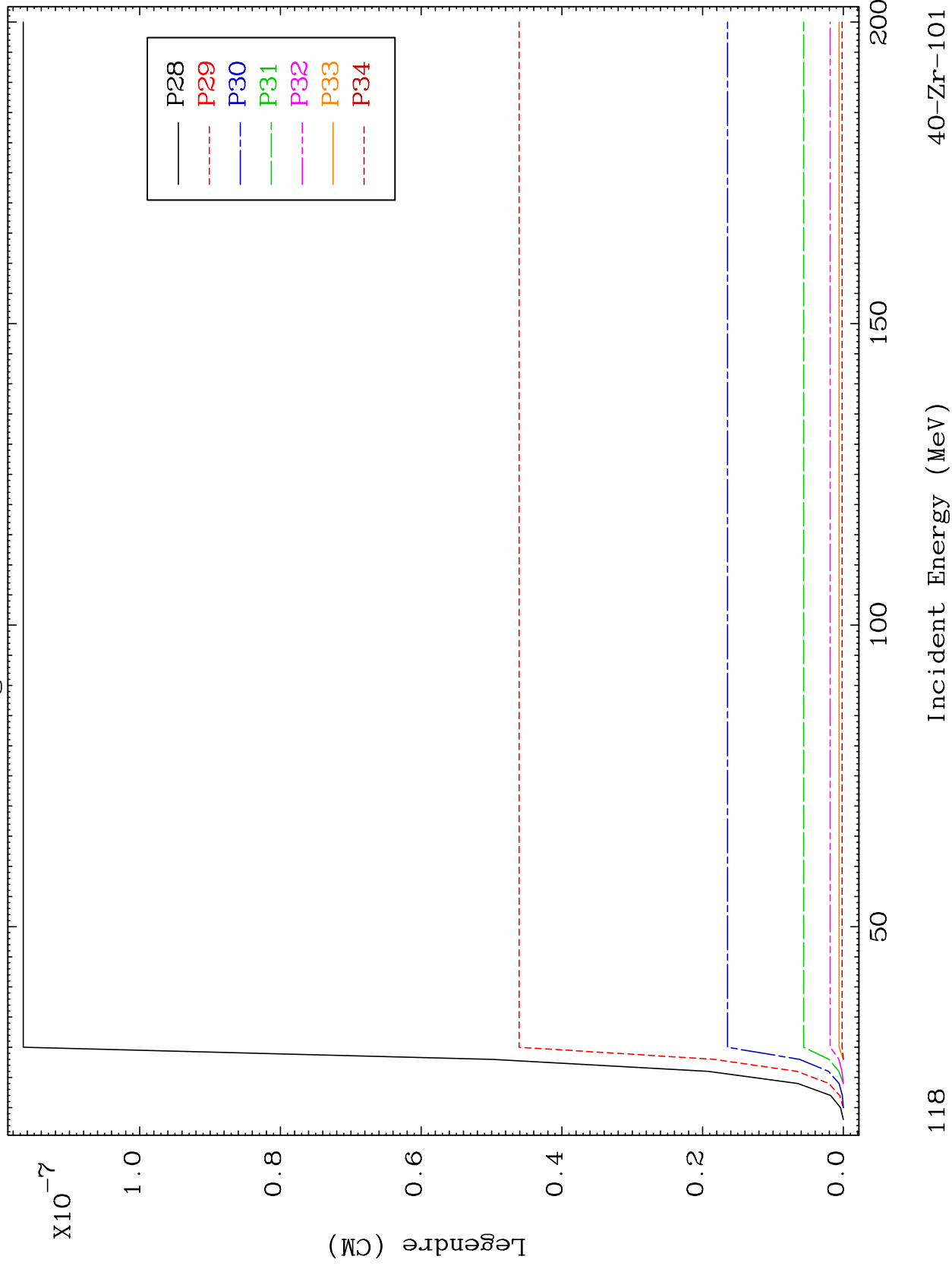
40-Zr-101



MAT 4058

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

40-Zr-101

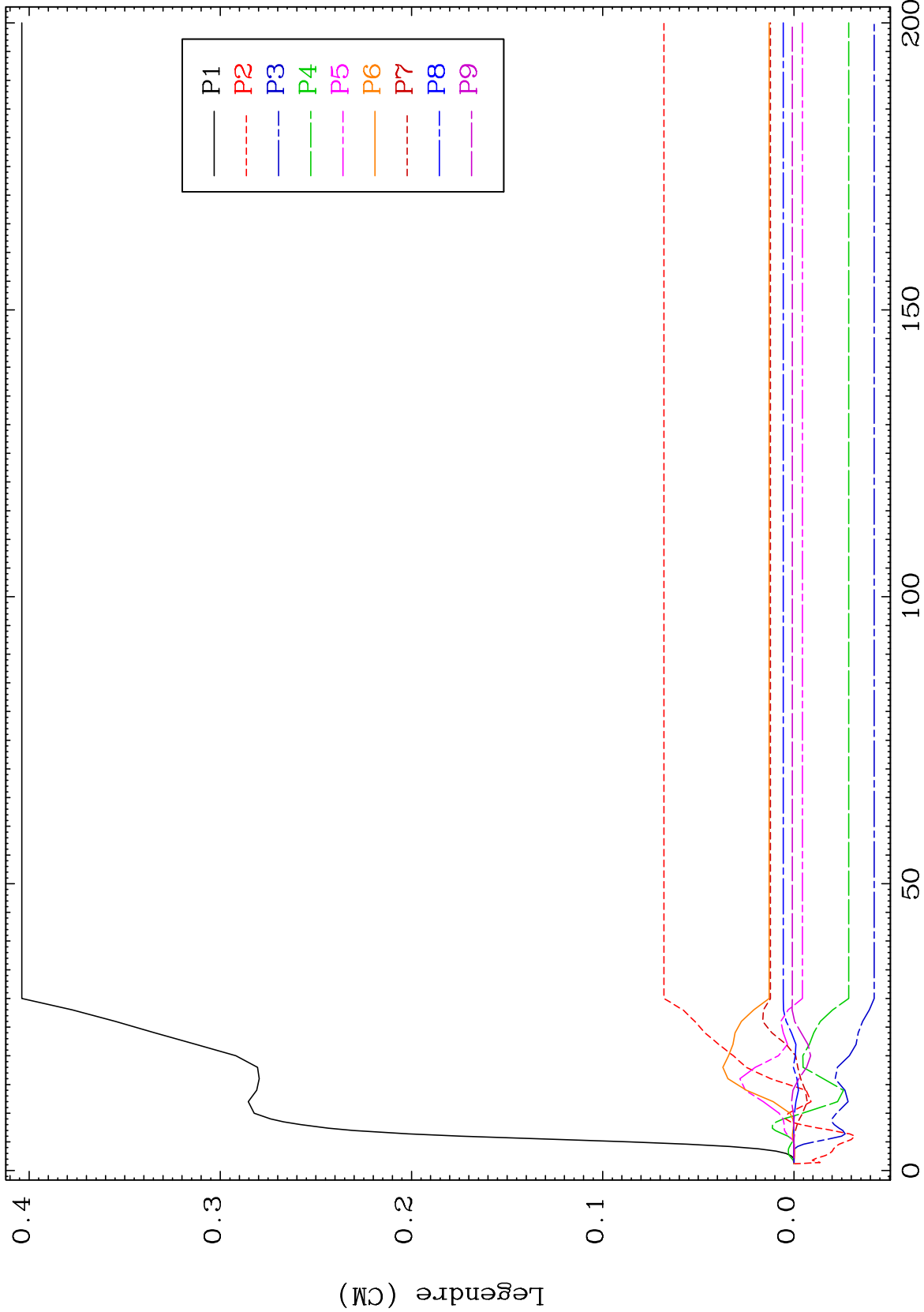


118

MAT 4058

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

40-Zr-101



119

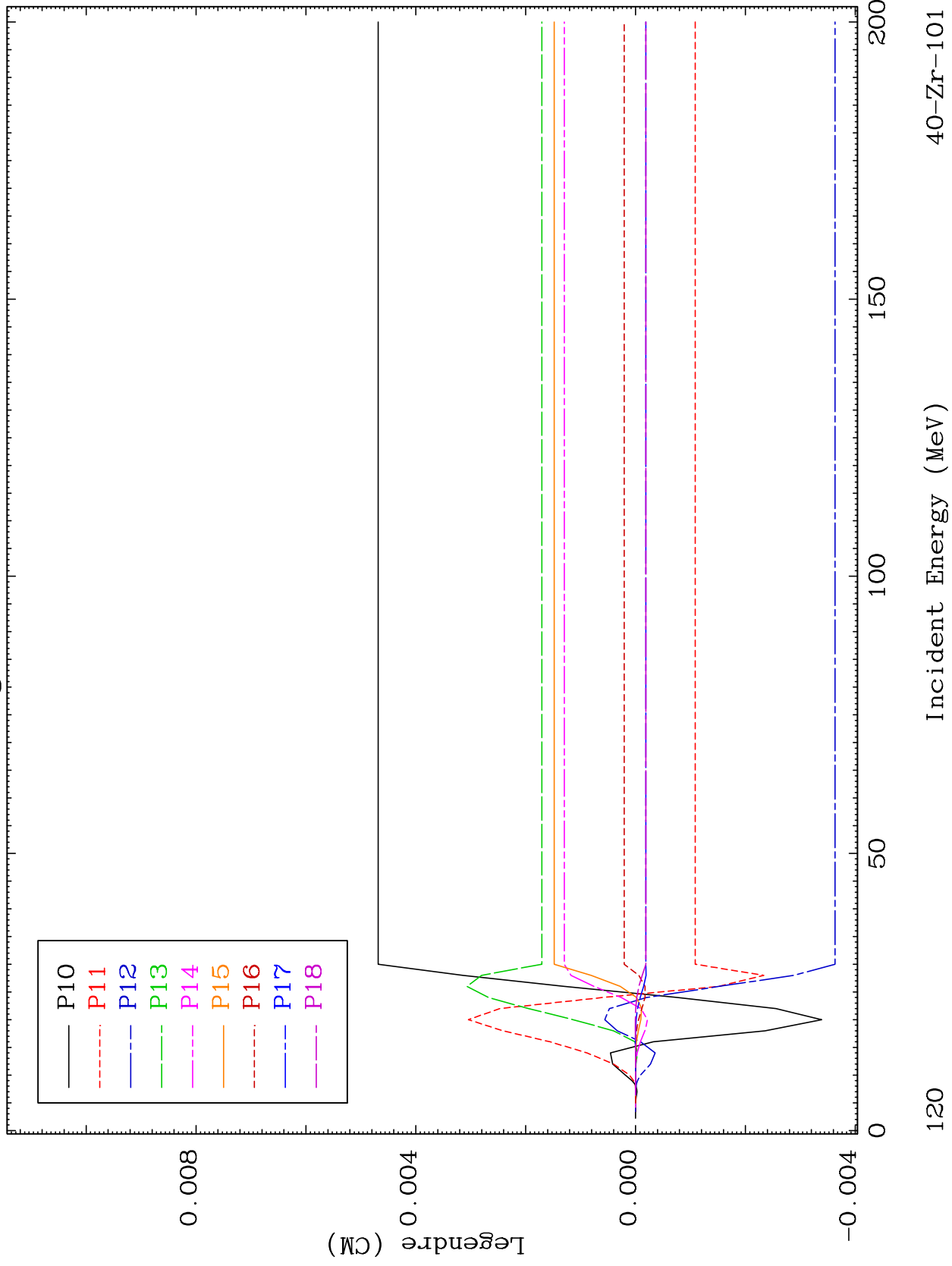
Incident Energy (MeV)

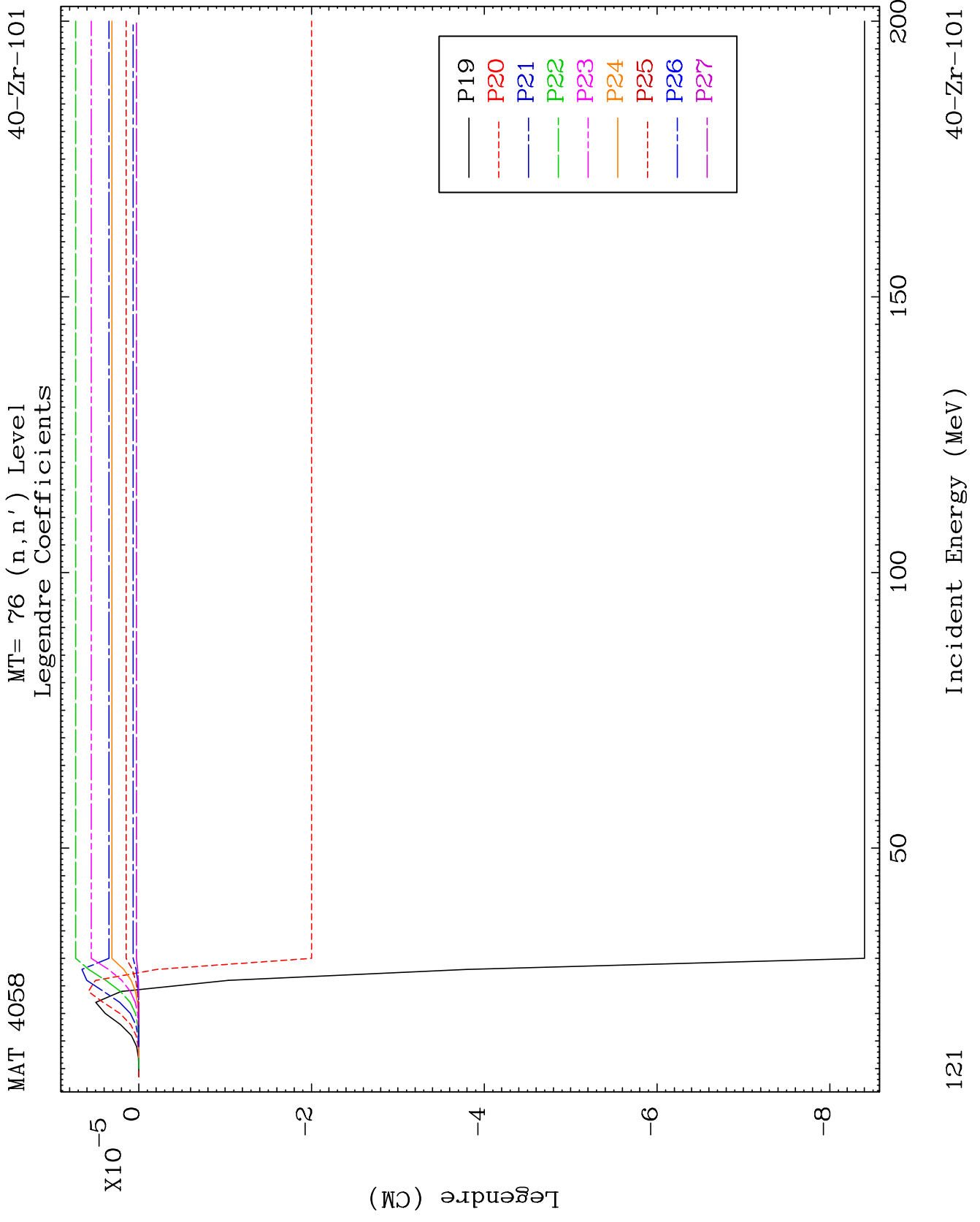
40-Zr-101

MAT 4058

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

40-Zr-101

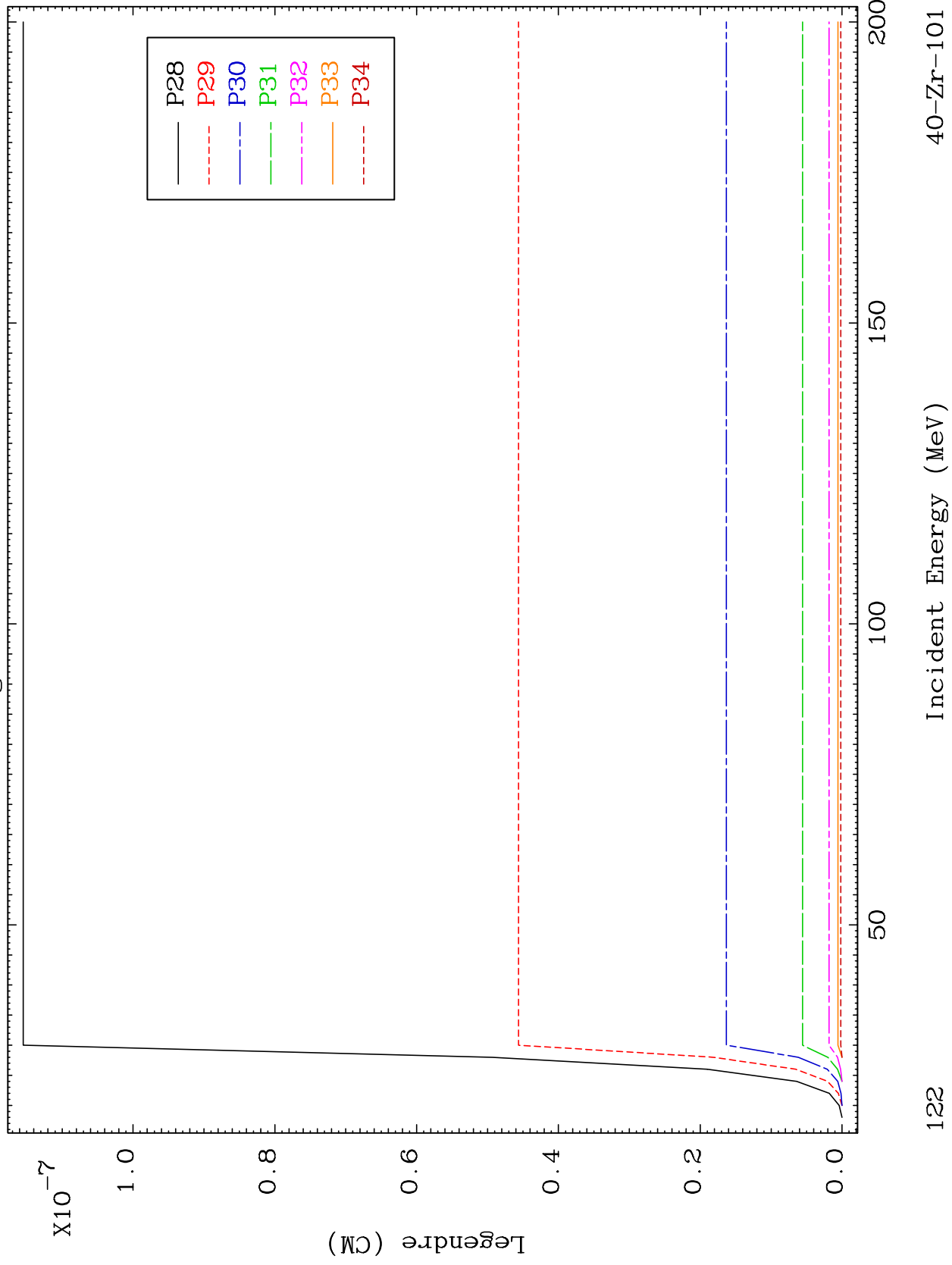




MAT 4058

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

40-Zr-101



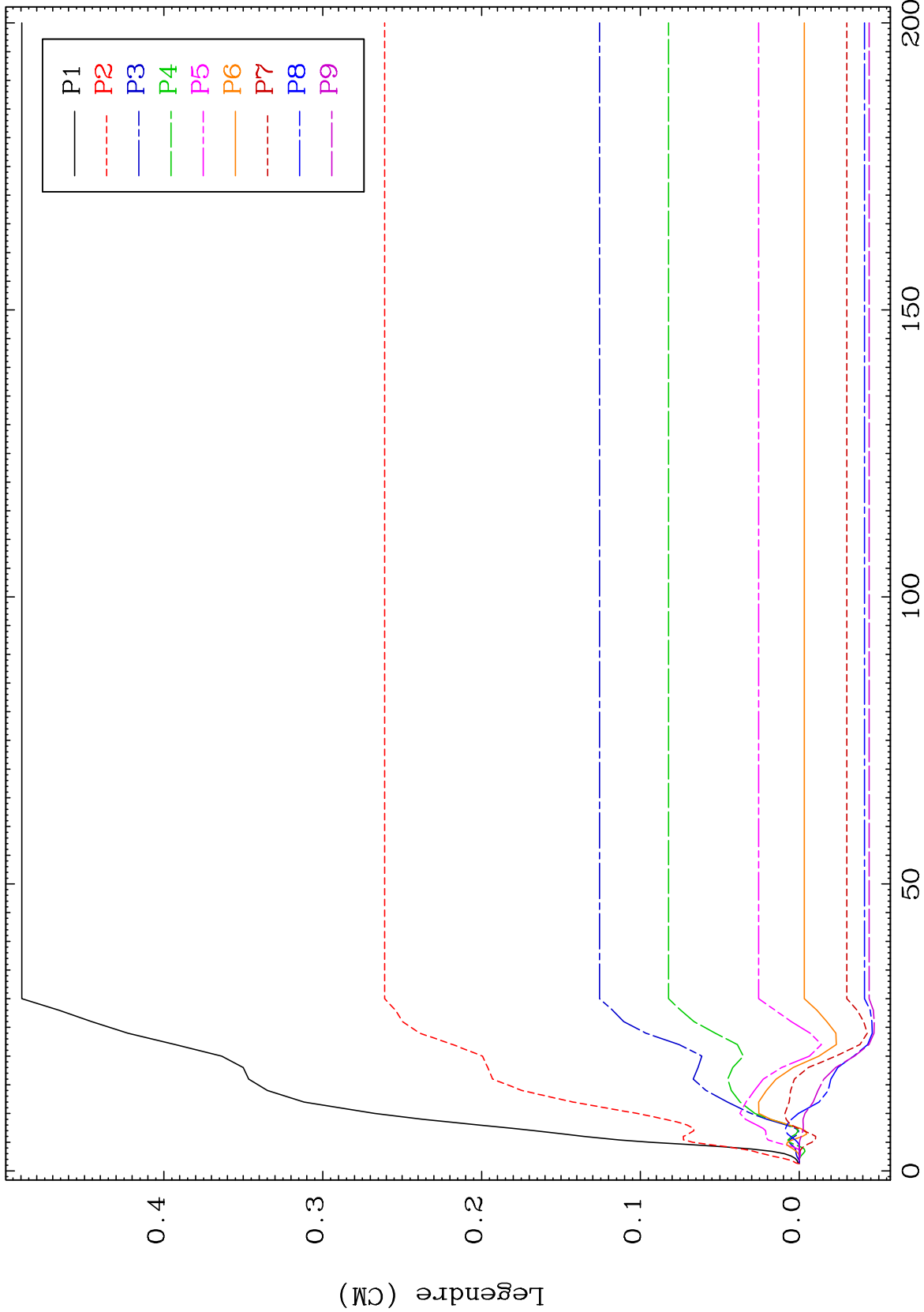
122

MAT 4058

MT= 77 (n,n') Level

40-Zr-101

Legendre Coefficients



123

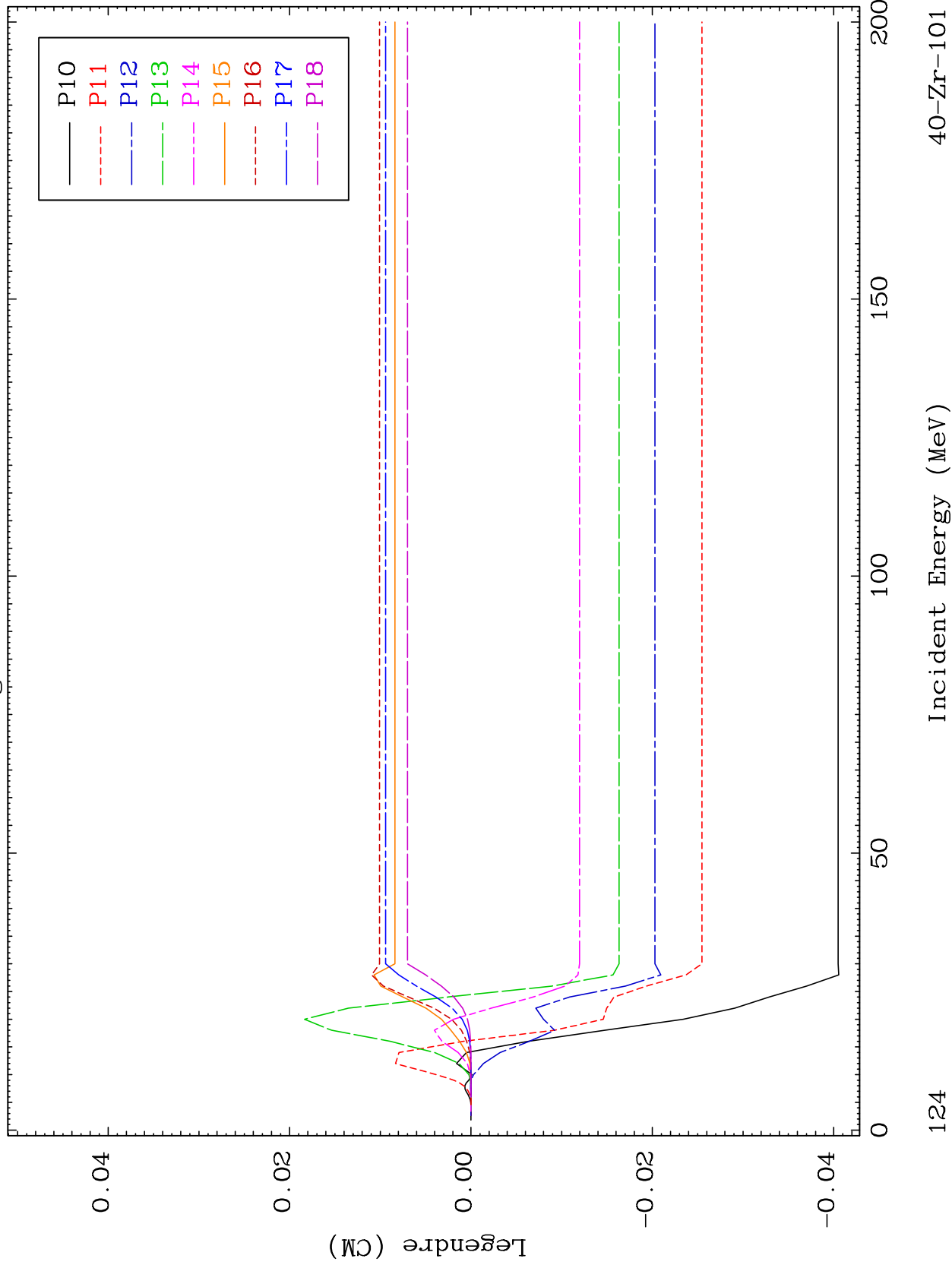
Incident Energy (MeV)

40-Zr-101

MAT 4058

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

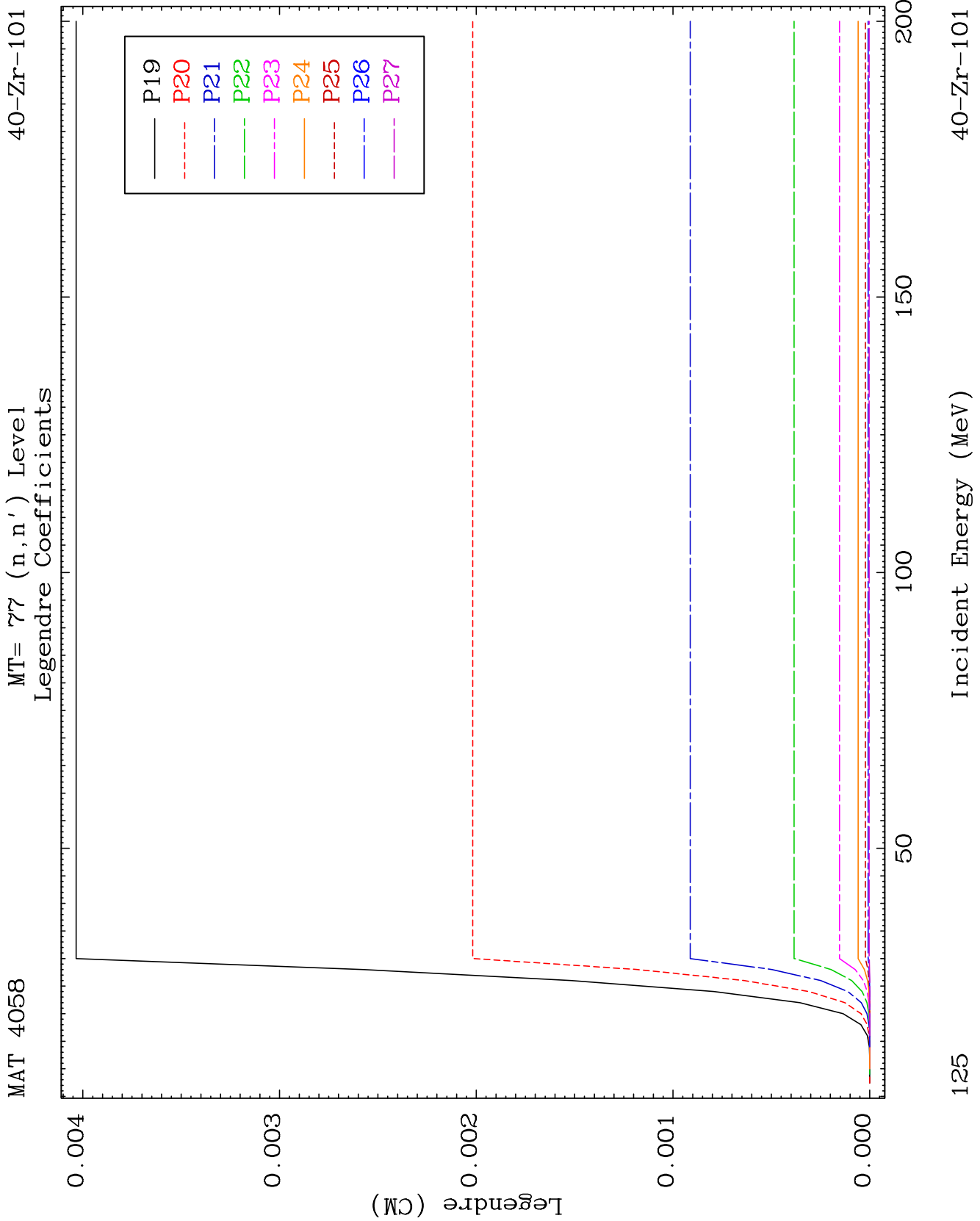
40-Zr-101



40-Zr-101

Incident Energy (MeV)

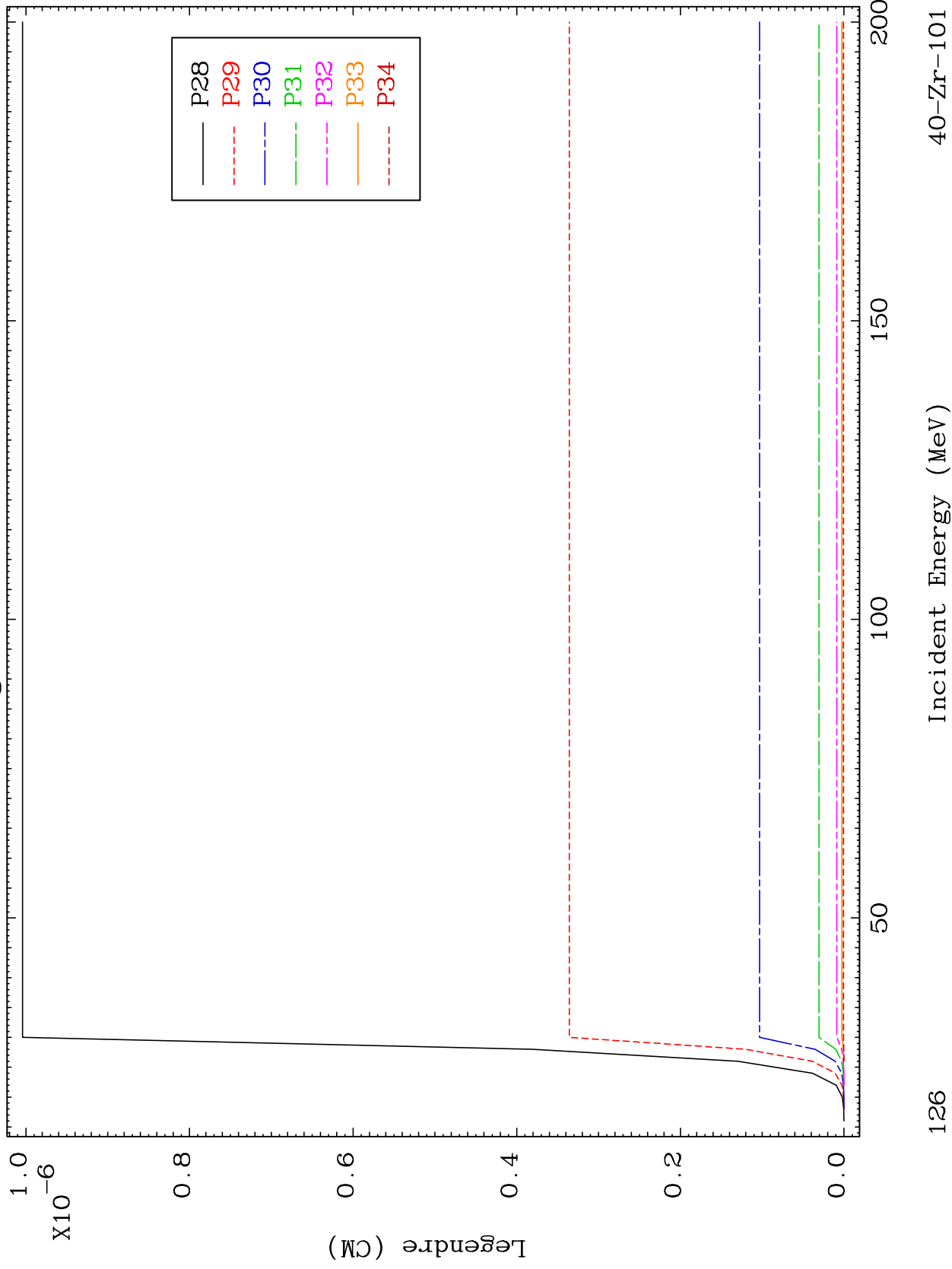
124



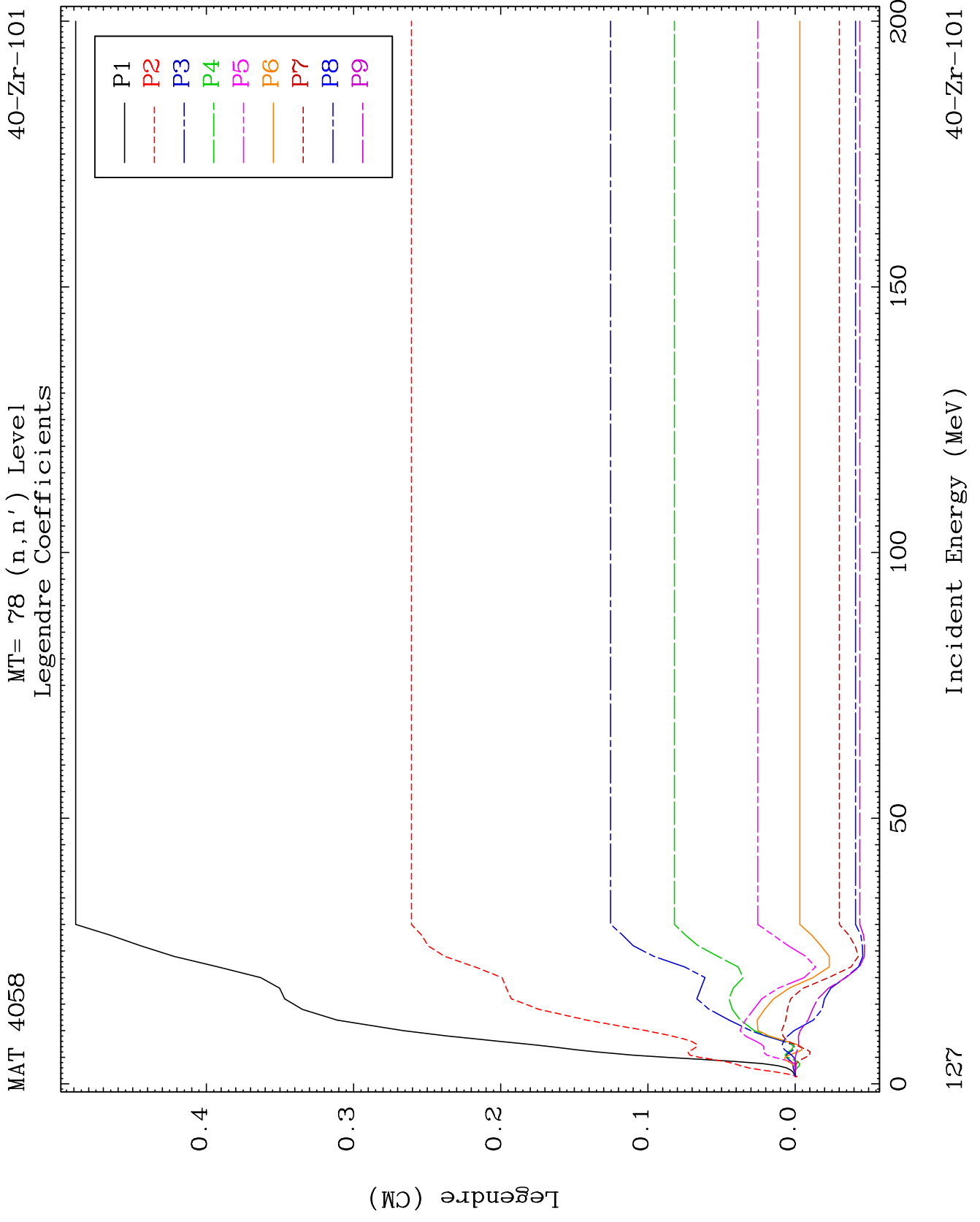
MAT 4058

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

40-Zr-101



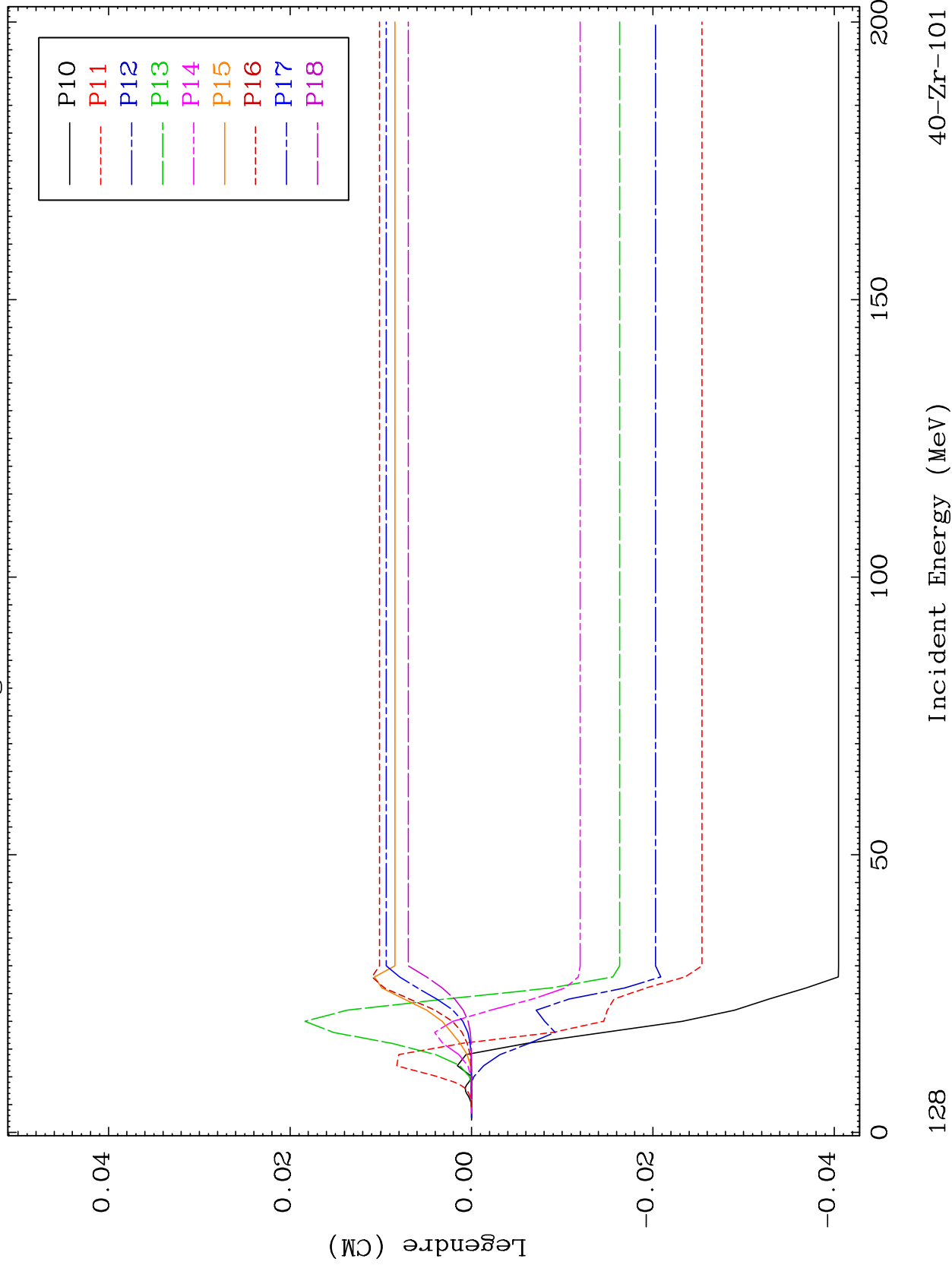
126



MAT 4058

MT= 78 (n,n') Level
Legendre Coefficients

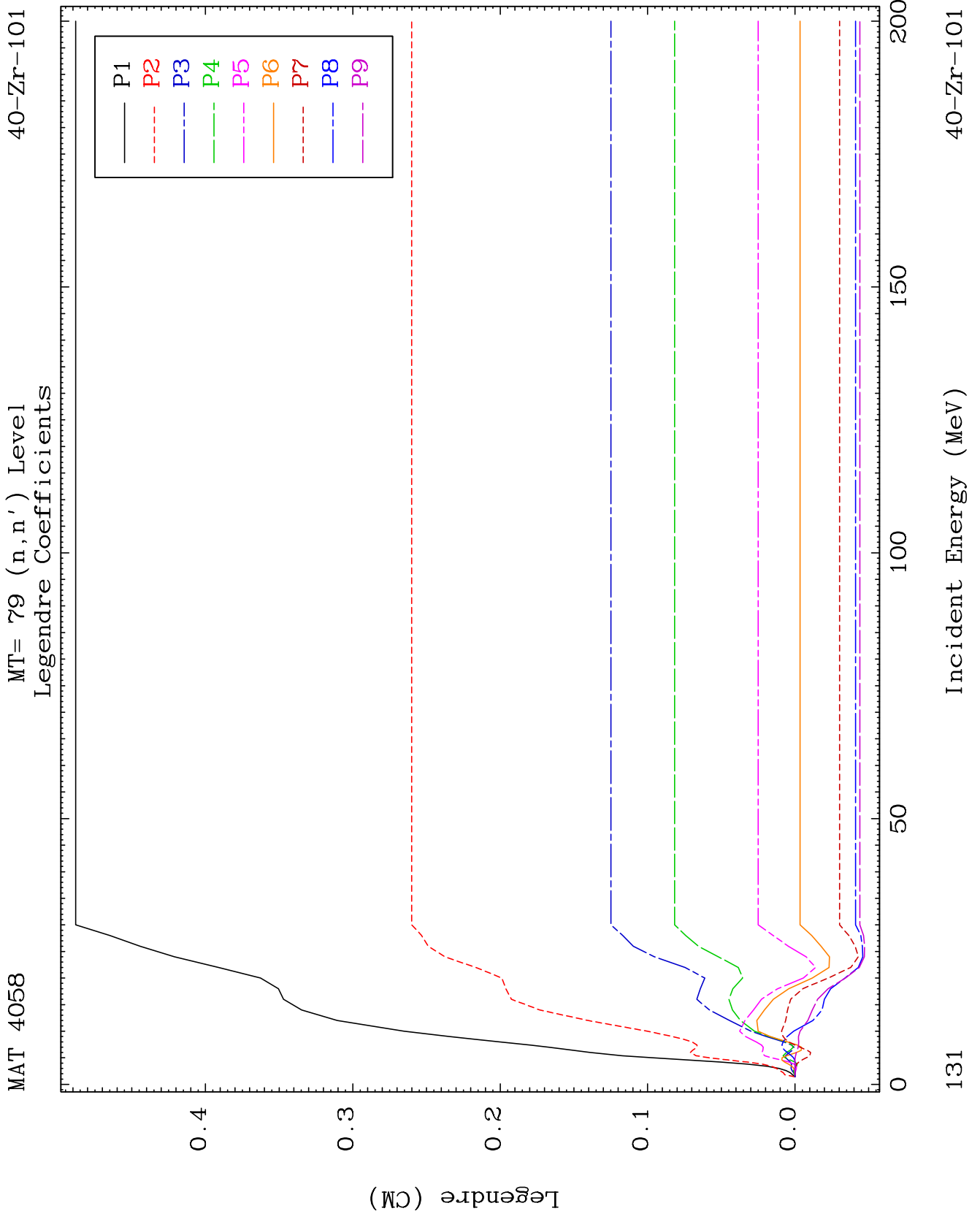
40-Zr-101



128

Incident Energy (MeV)

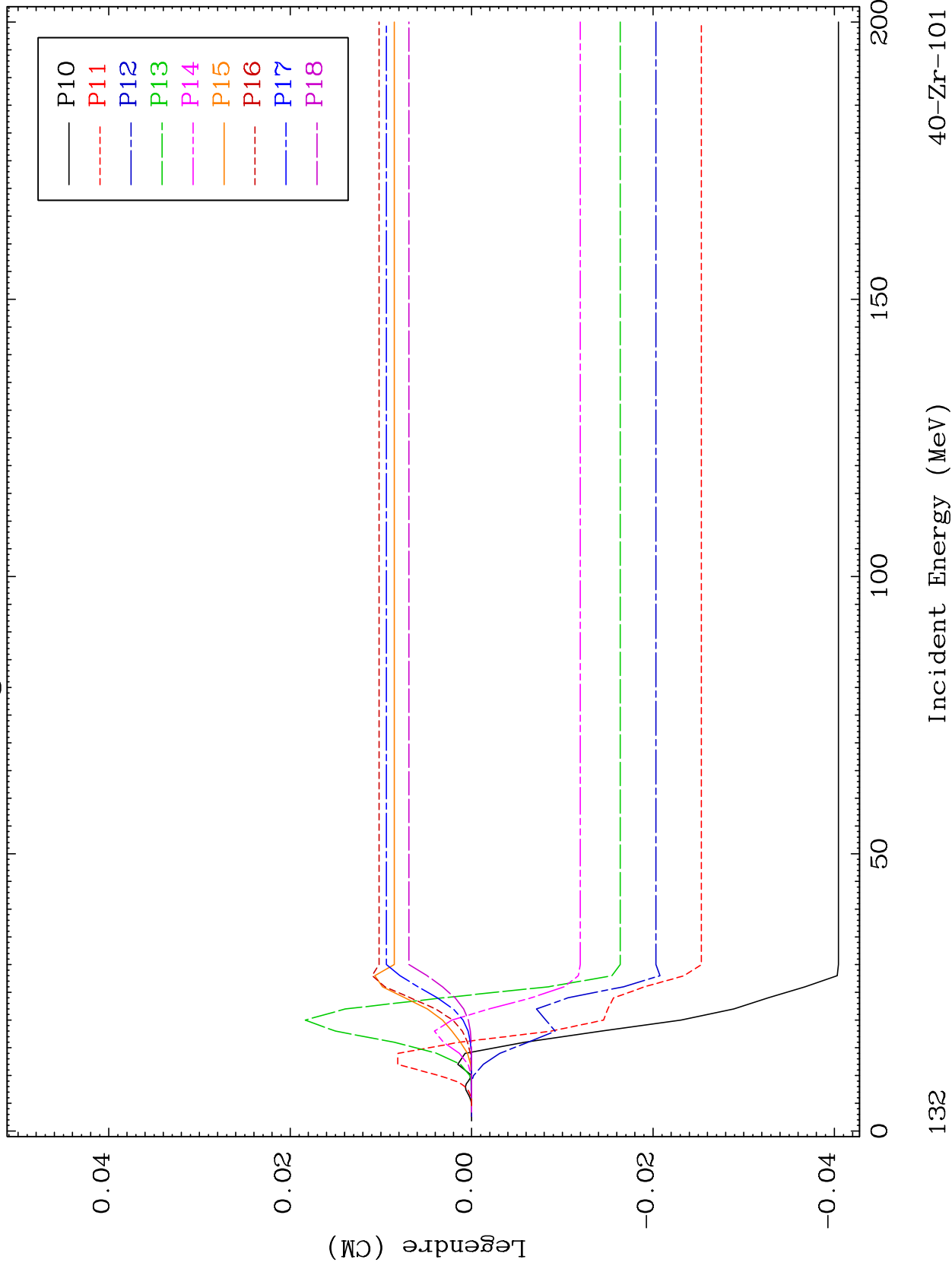
40-Zr-101



MAT 4058

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

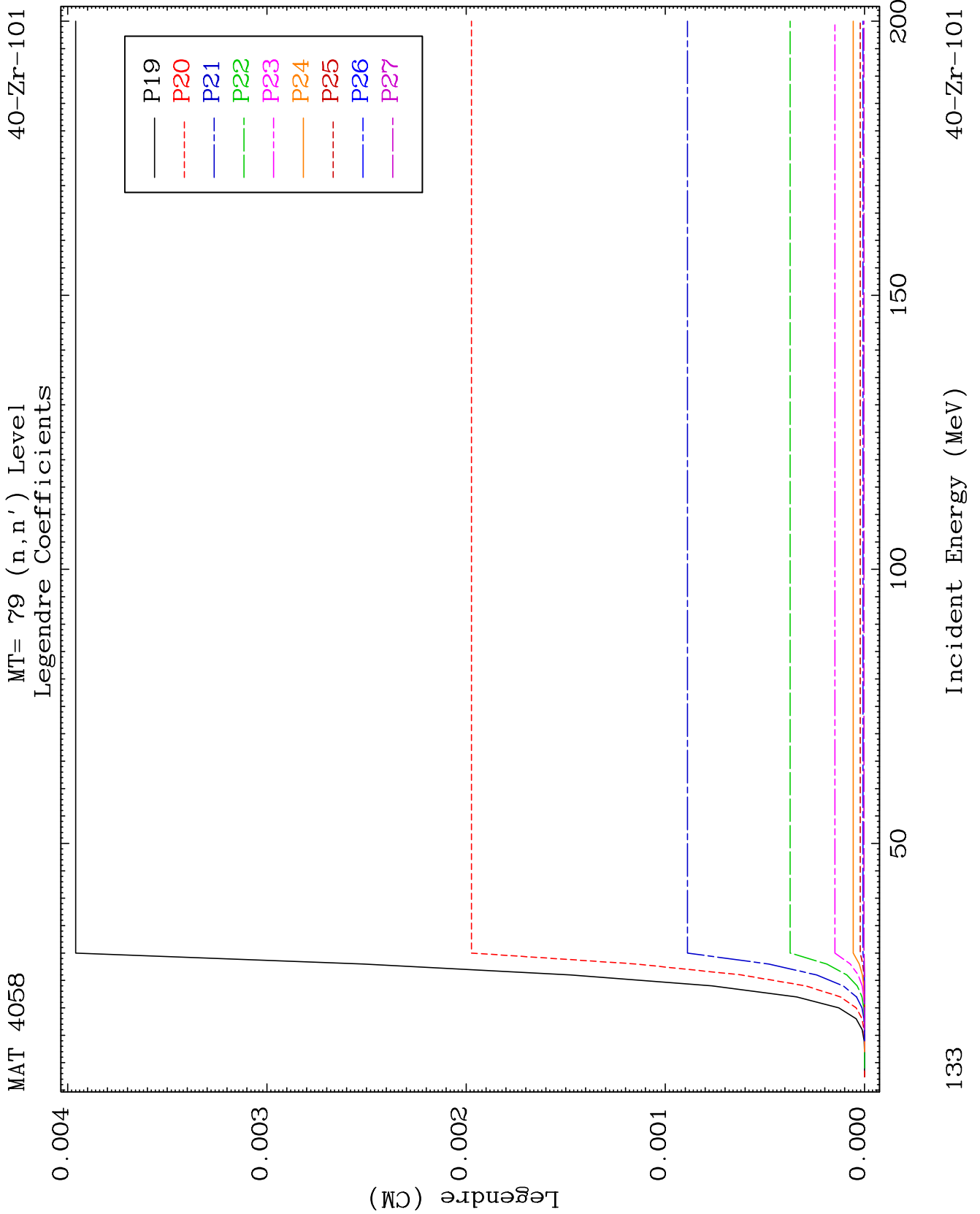
40-Zr-101



132

Incident Energy (MeV)

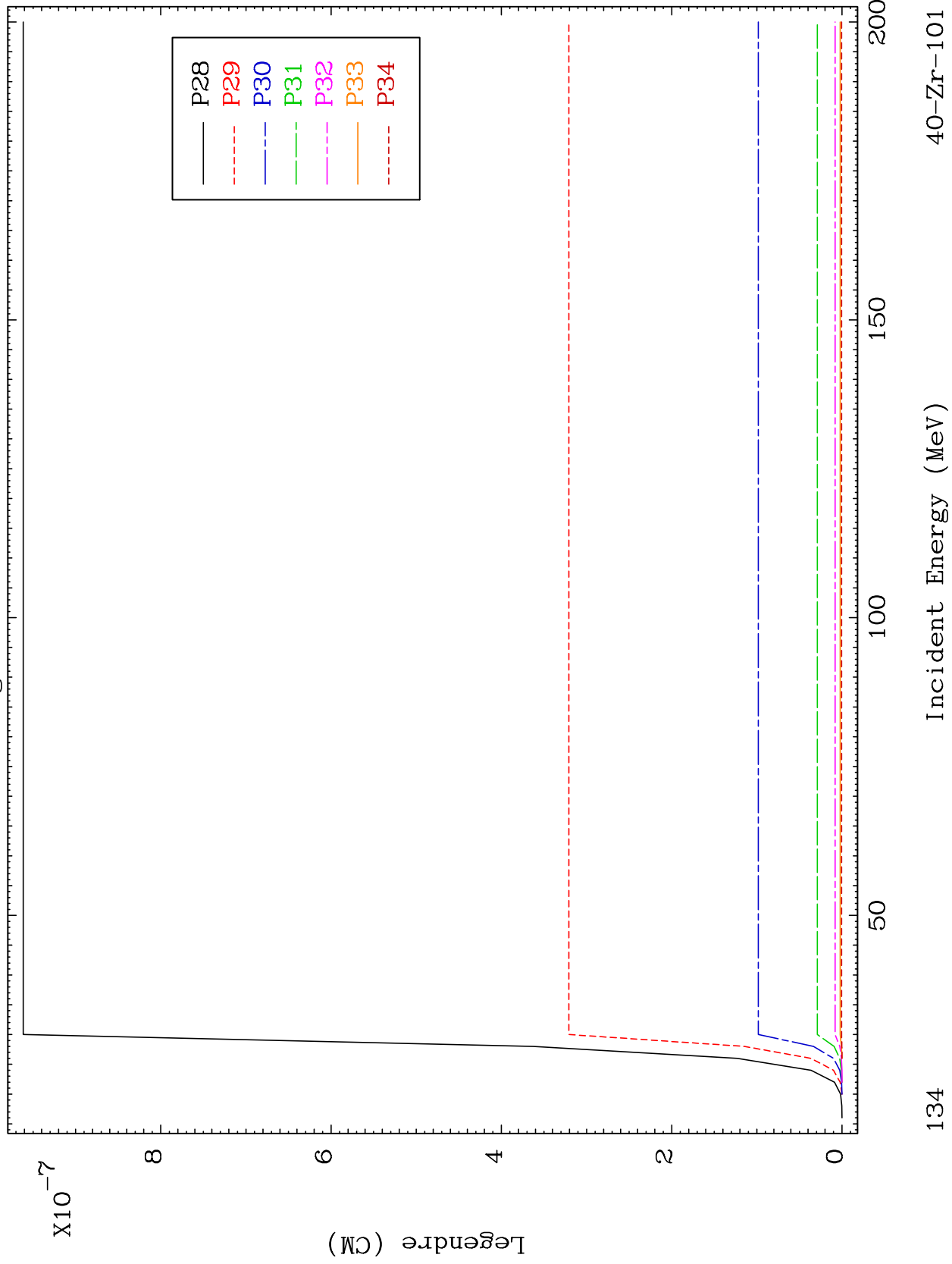
40-Zr-101



MAT 4058

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

40-Zr-101



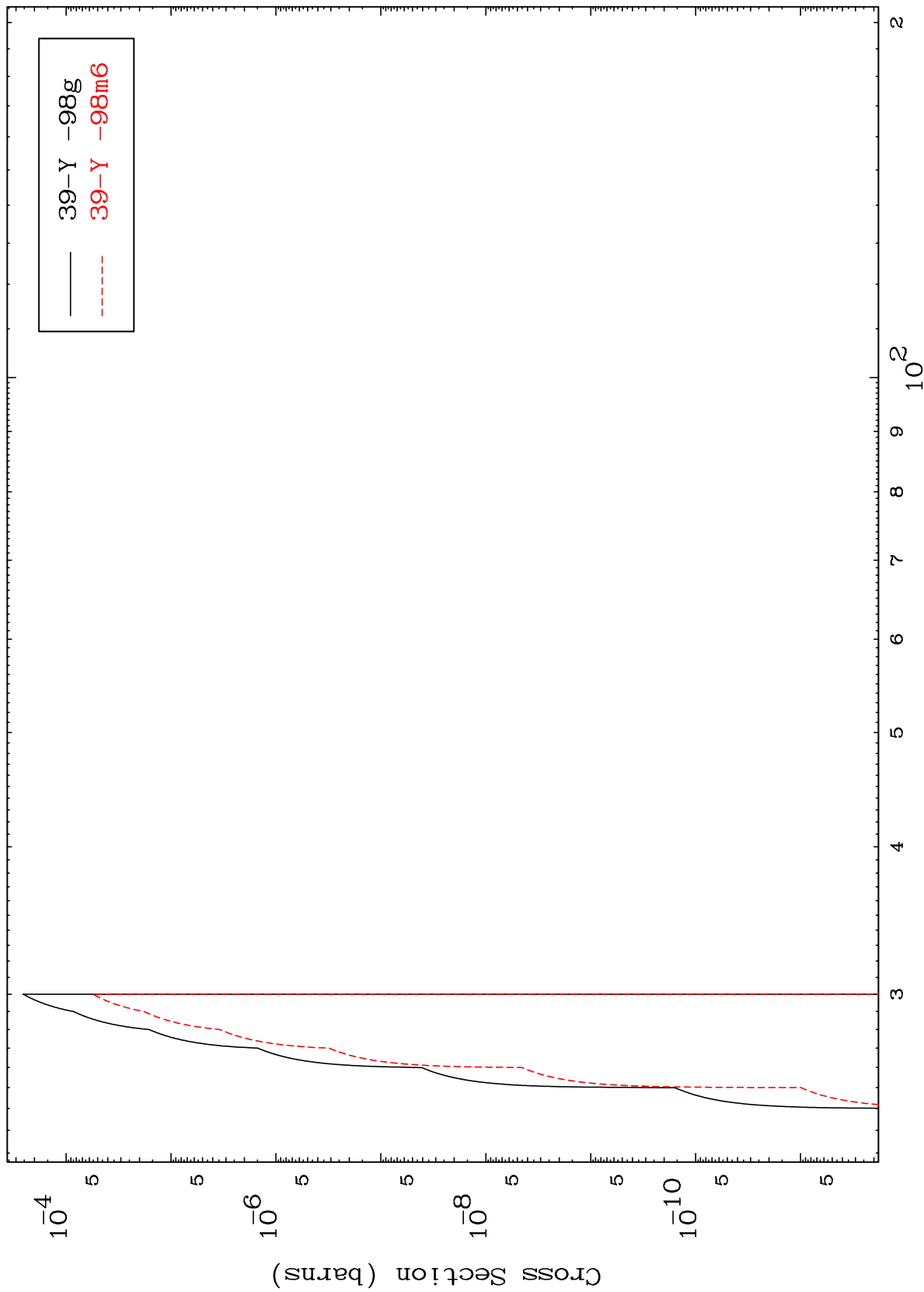
134

MAT 4058

(n,2n) d

40-Zr-101

Radionuclide Production Cross Section



39-Y -98g
39-Y -98m6

135

Incident Energy (MeV)

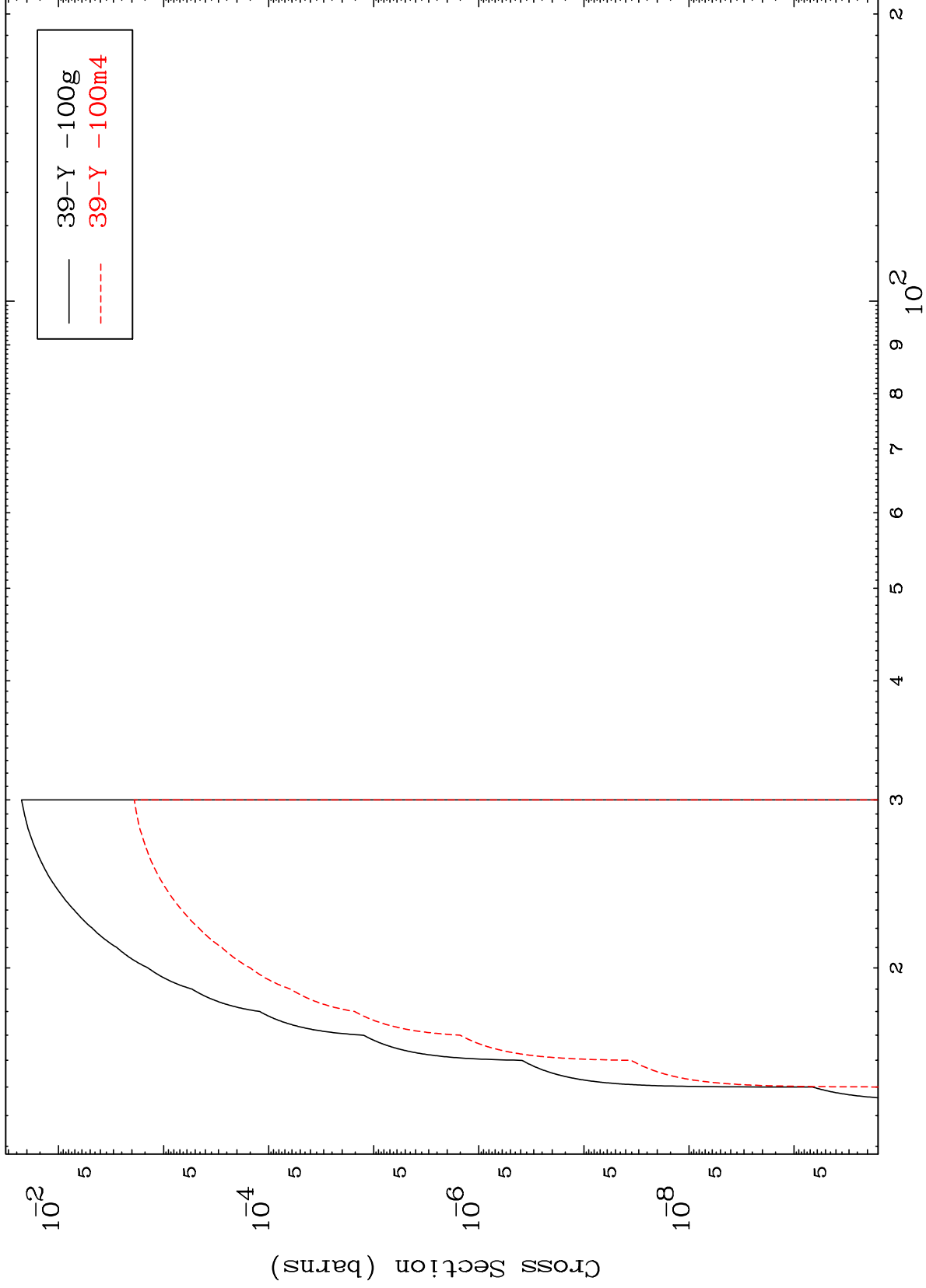
40-Zr-101

MAT 4058

(n,n') p

40-Zr-101

Radionuclide Production Cross Section



136

Incident Energy (MeV)

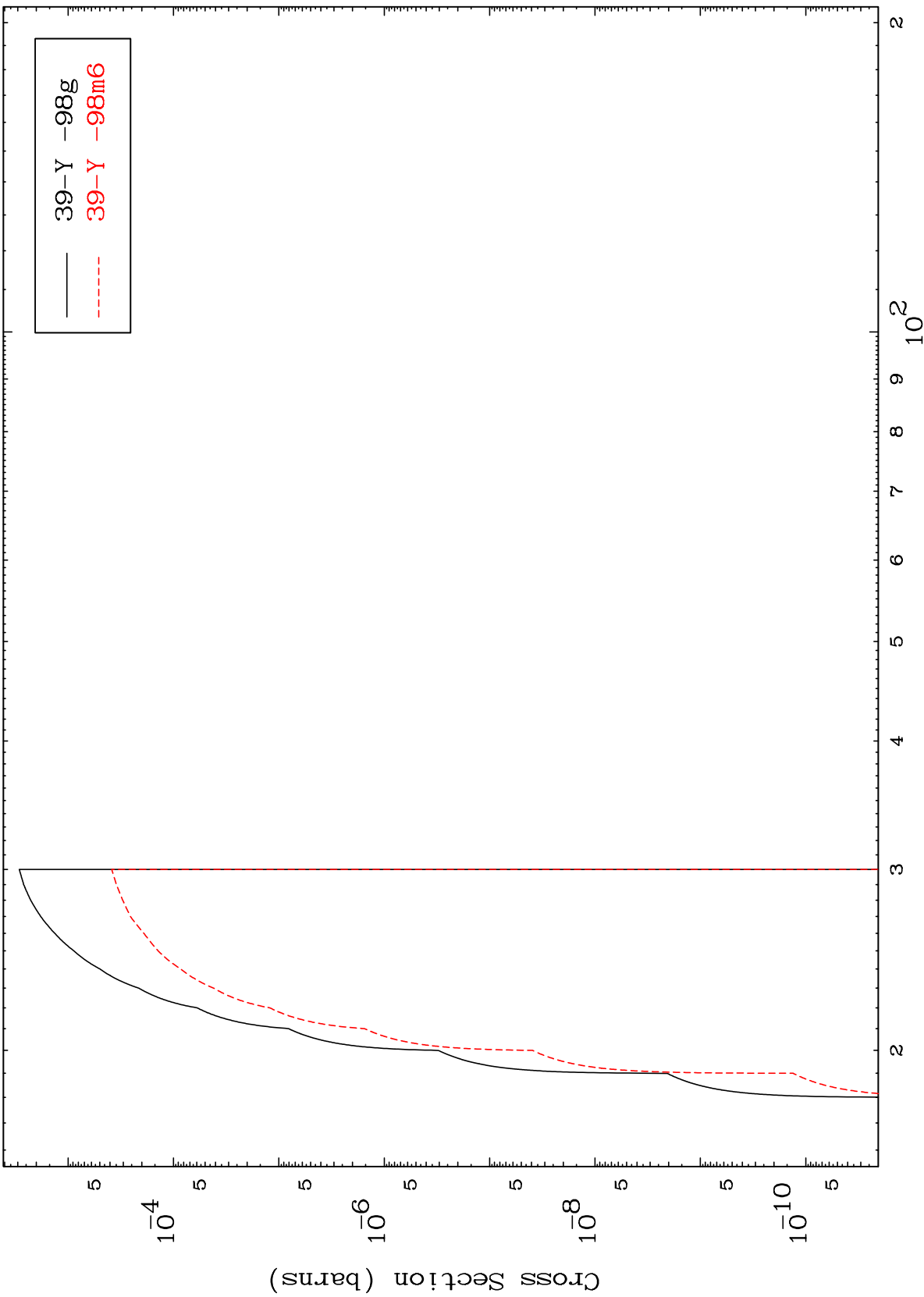
40-Zr-101

MAT 4058

(n,n') t

40-Zr-101

Radionuclide Production Cross Section



137

Incident Energy (MeV)

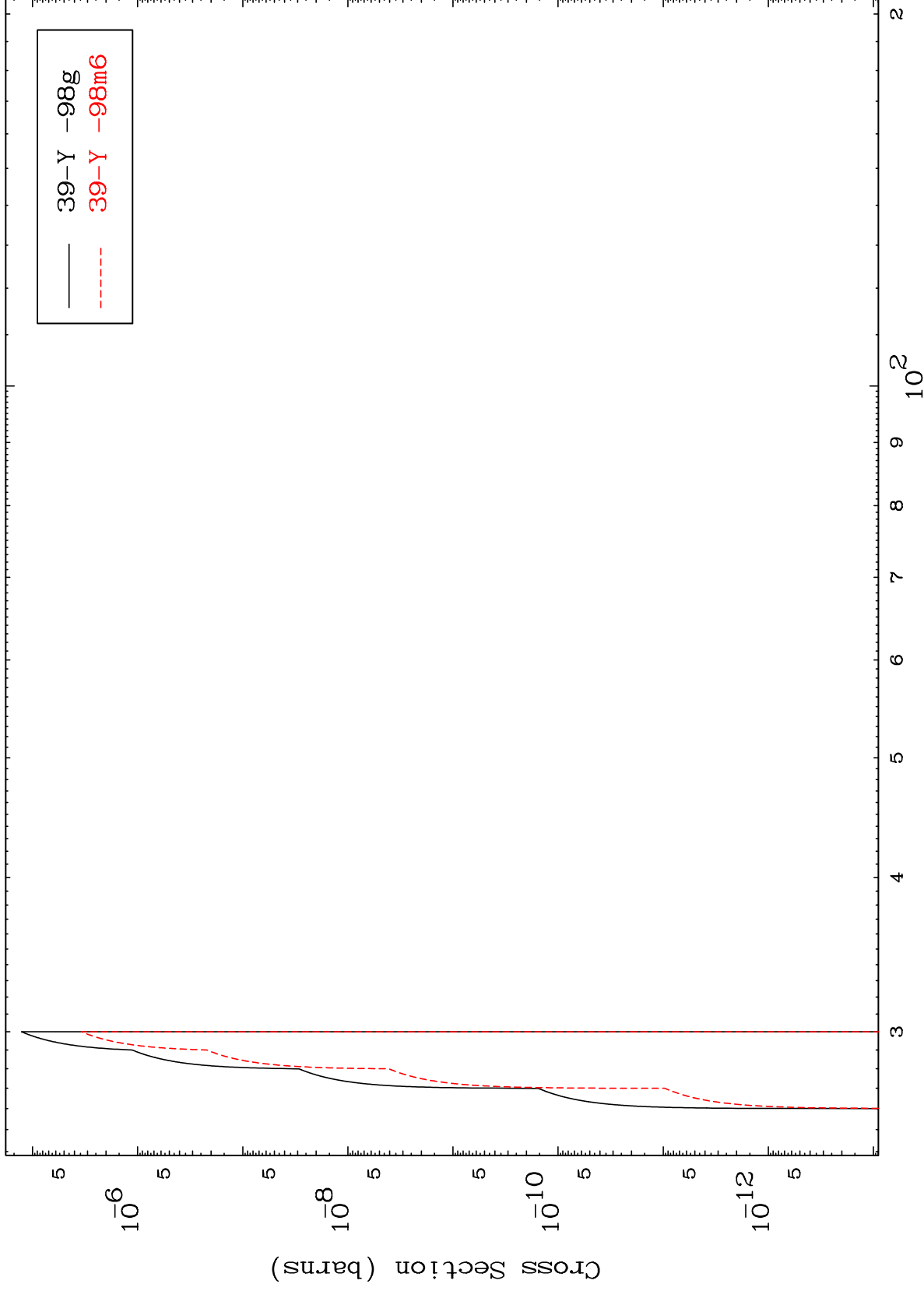
40-Zr-101

MAT 4058

(n,3n) p

40-Zr-101

Radionuclide Production Cross Section



138

Incident Energy (MeV)

40-Zr-101

