

Program EVALPLOT
(Version 2018-1)

by

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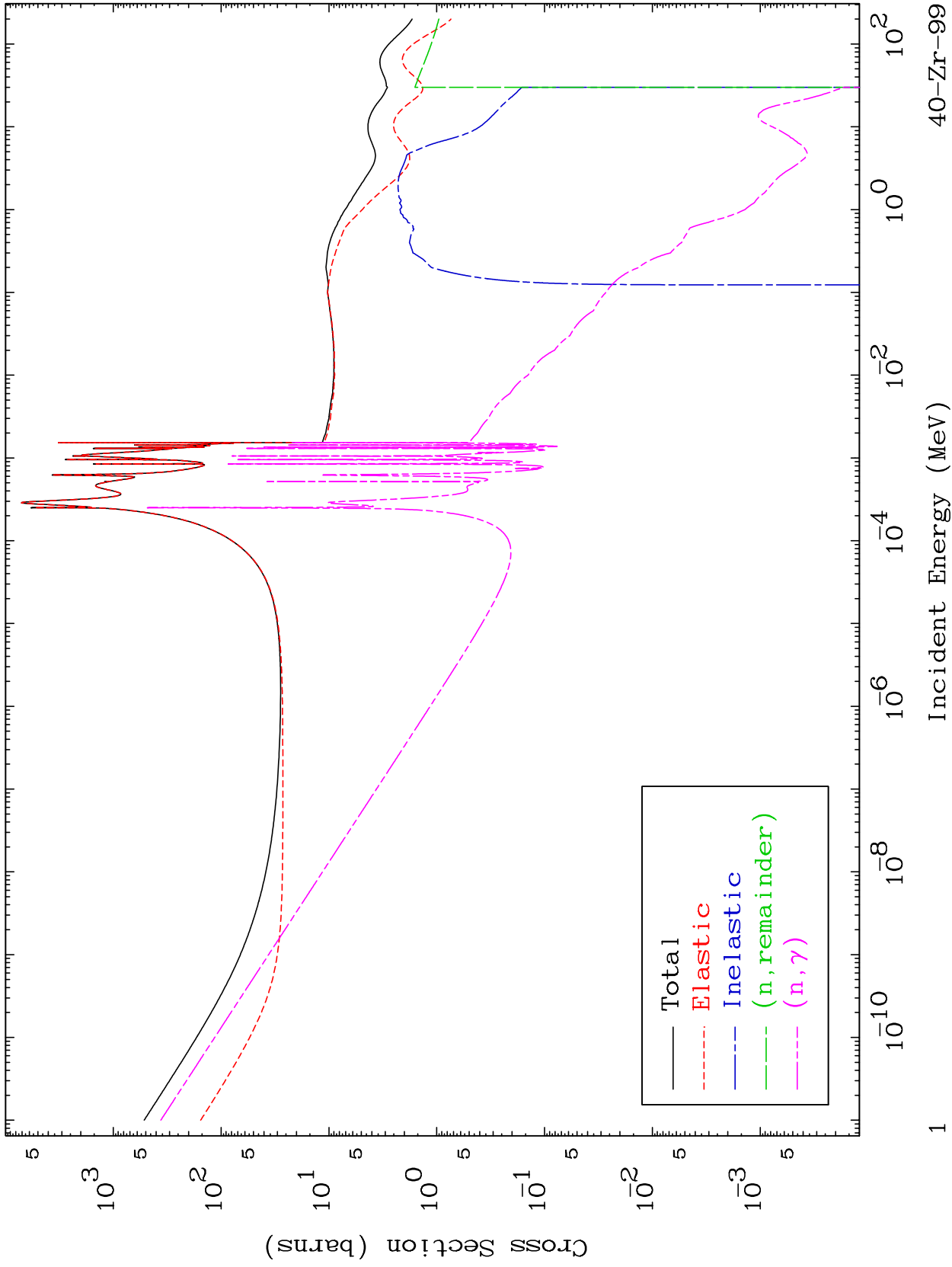
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Press Mouse Button to Start

MAT 4052

Major
293 Kelvin Cross Sections

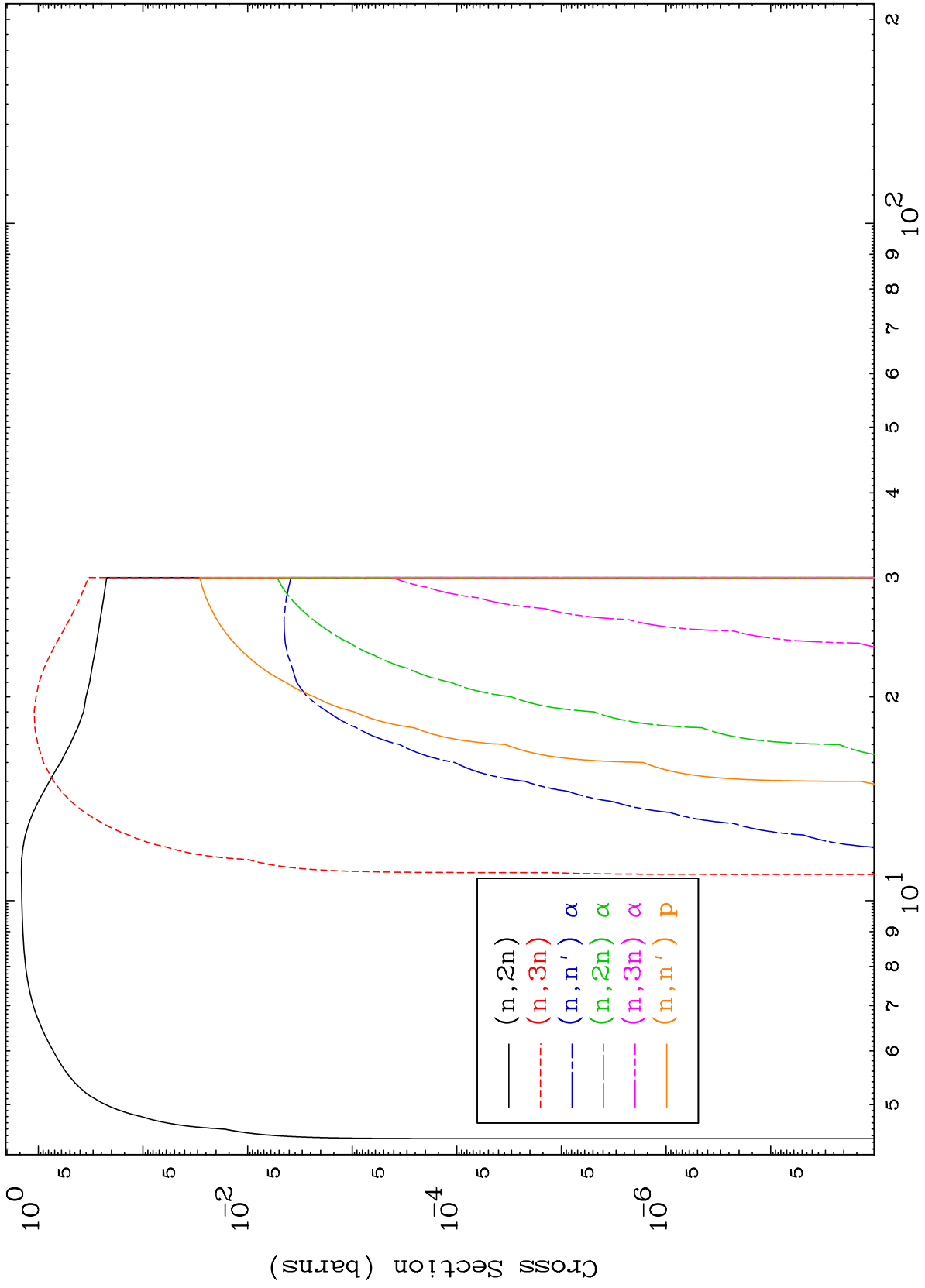
40-Zr-99

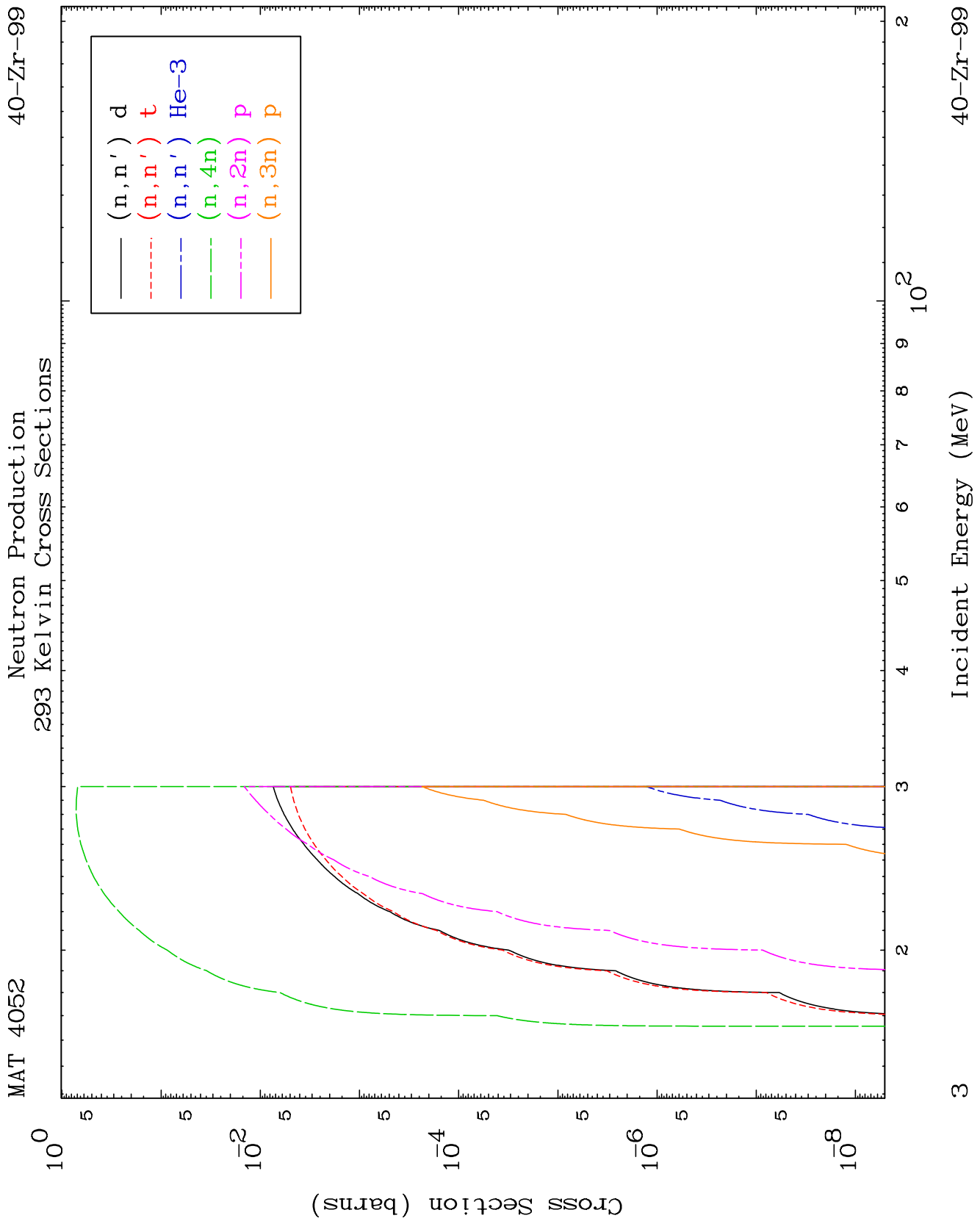


MAT 4052

Neutron Production
293 Kelvin Cross Sections

40-Zr-99

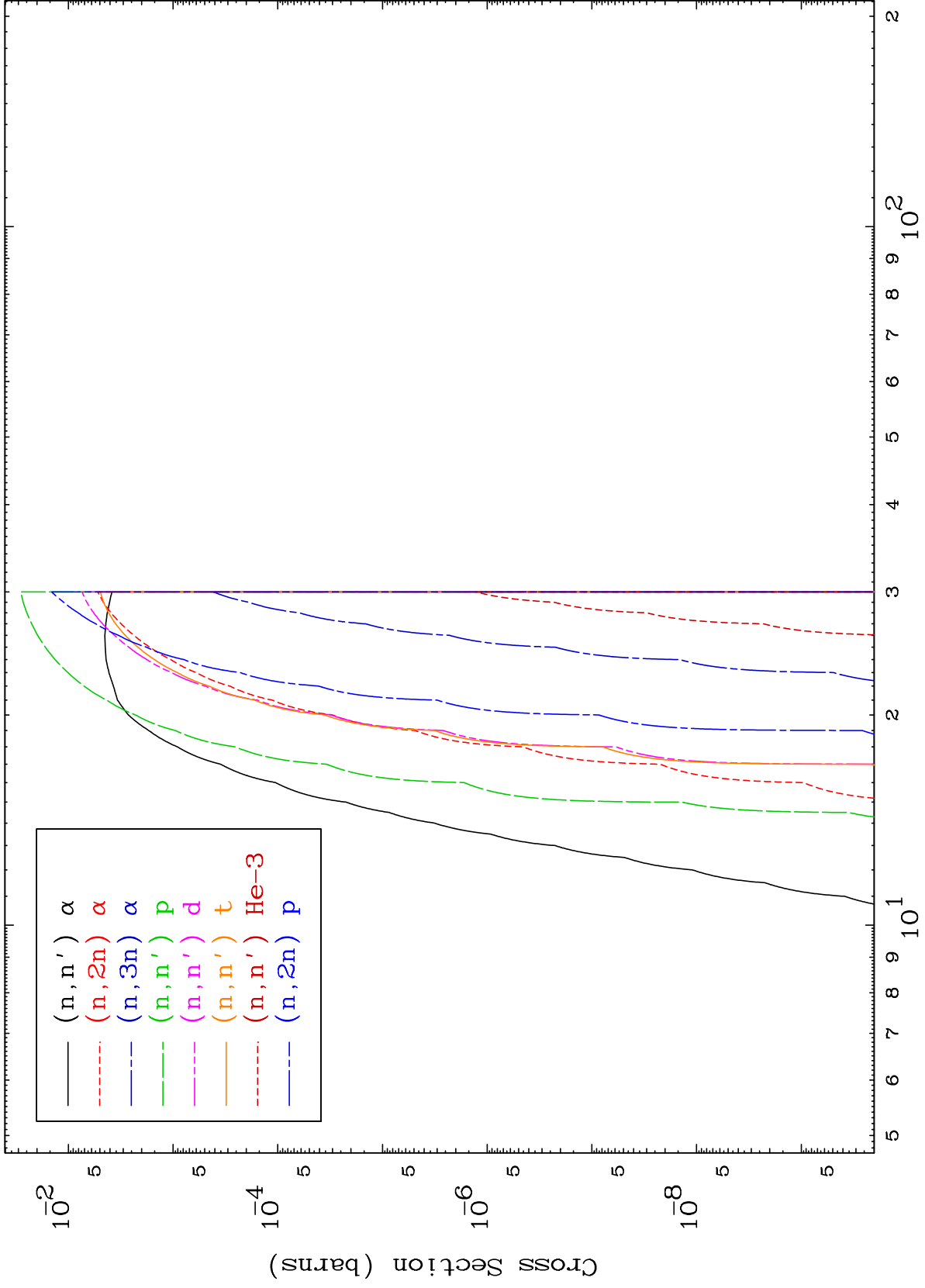




MAT 4052

Charged Particle
293 Kelvin Cross Sections

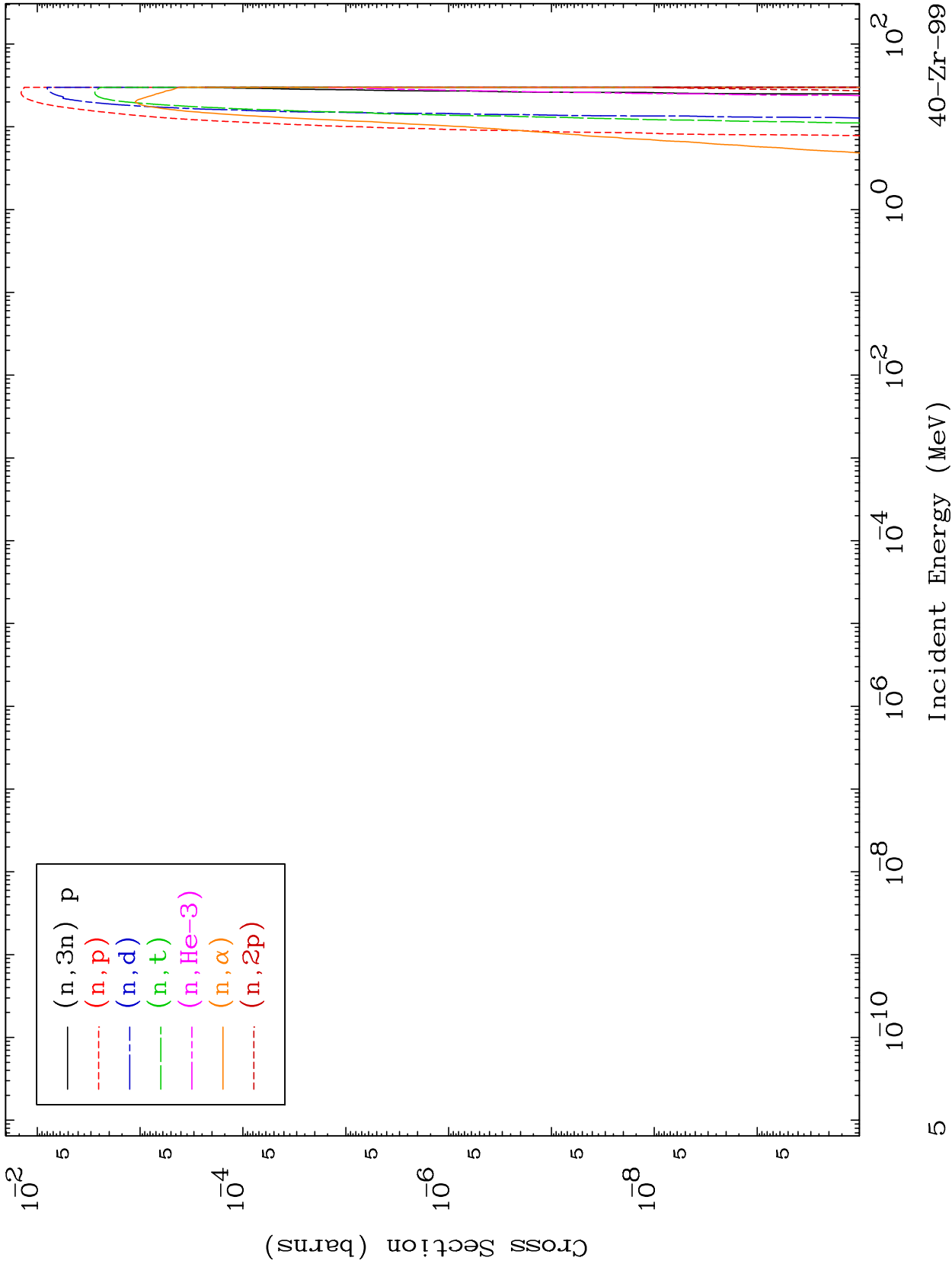
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MAT 4052

Charged Particle
293 Kelvin Cross Sections

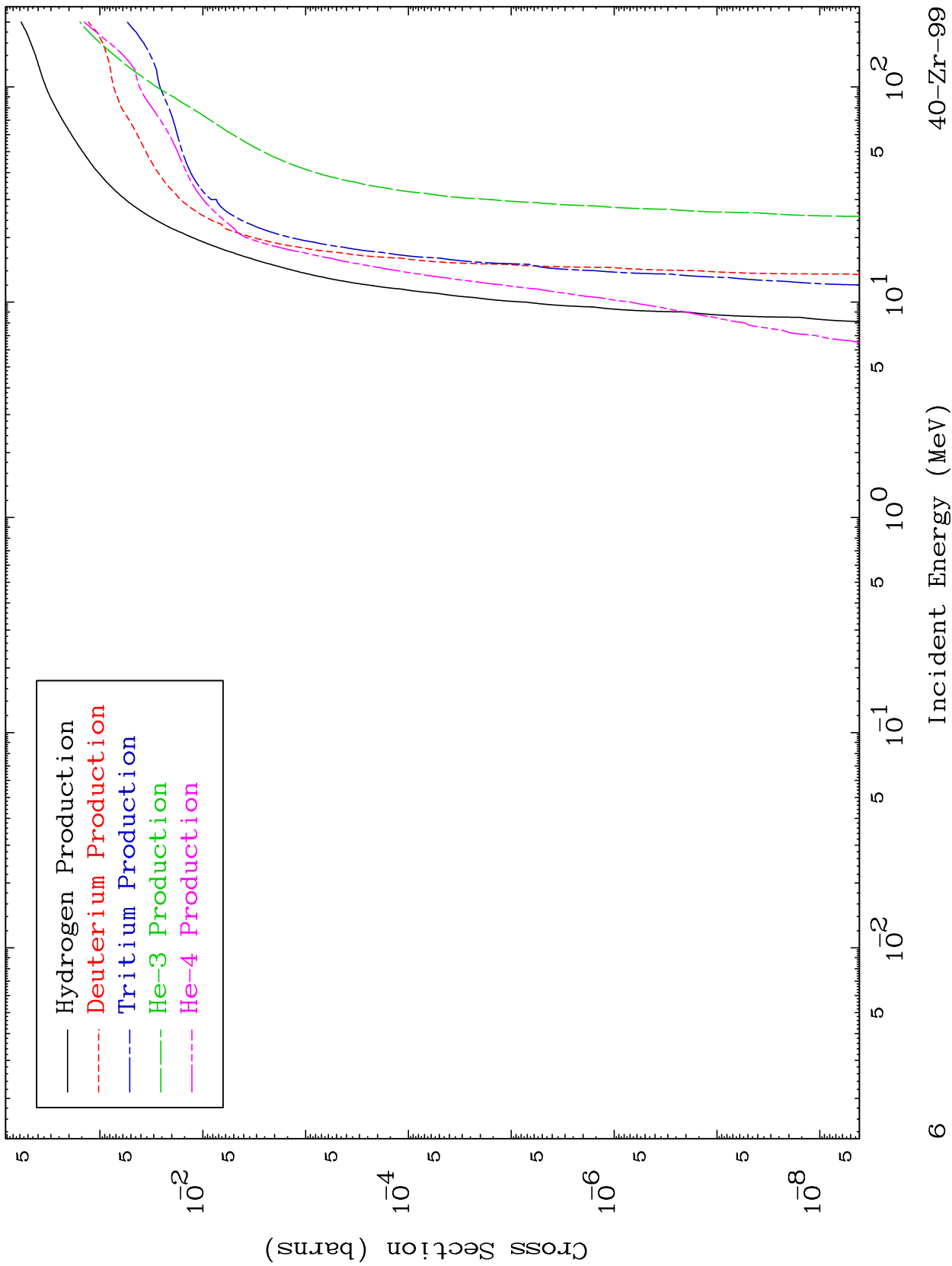
40-Zr-99



MAT 4052

Particle Production
293 Kelvin Cross Sections

40-Zr-99

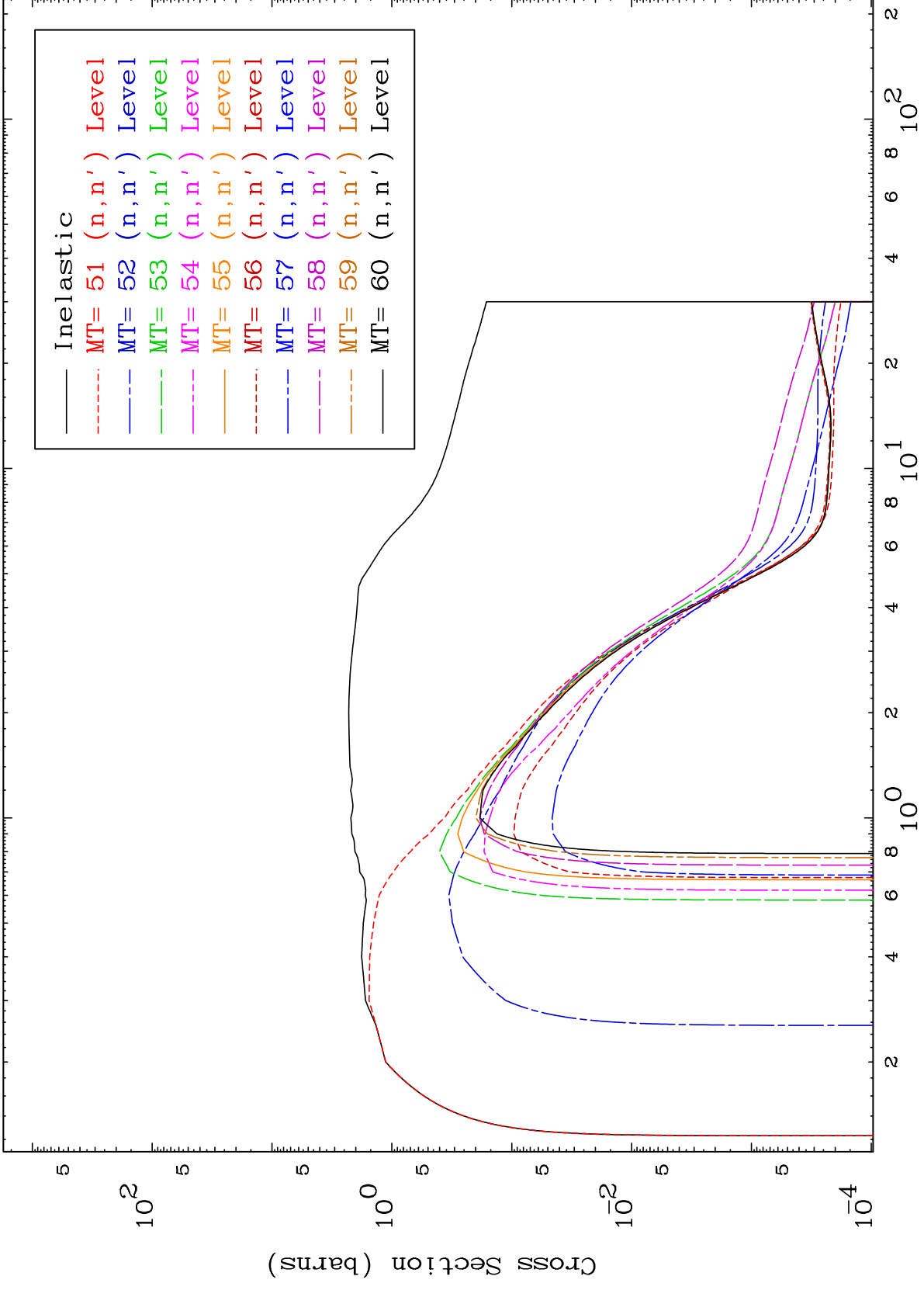


MAT 4052

(n,n') Level

40-Zr-99

293 Kelvin Cross Sections

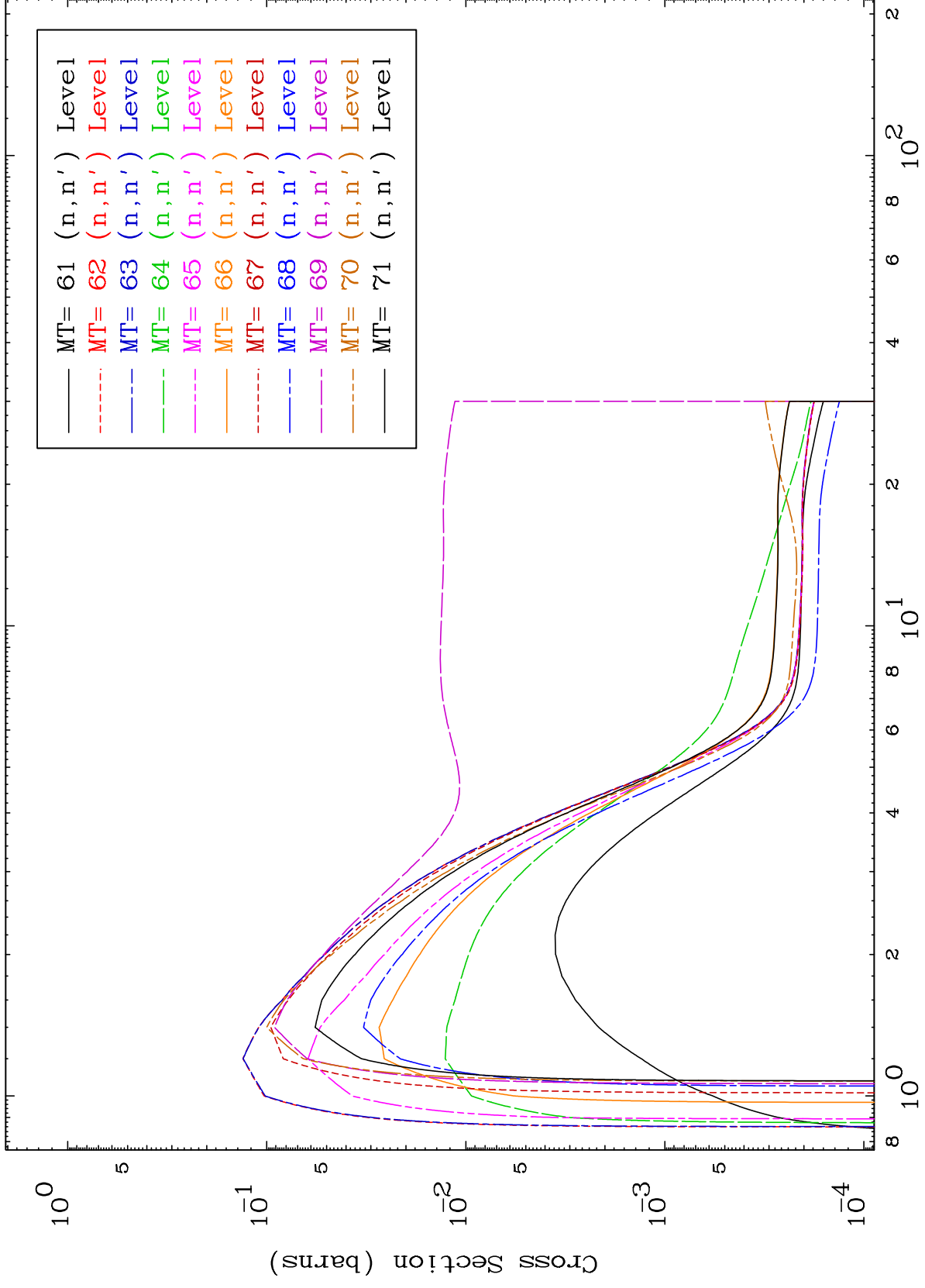


MAT 4052

(n,n') Level

40-Zr-99

293 Kelvin Cross Sections



Incident Energy (MeV)

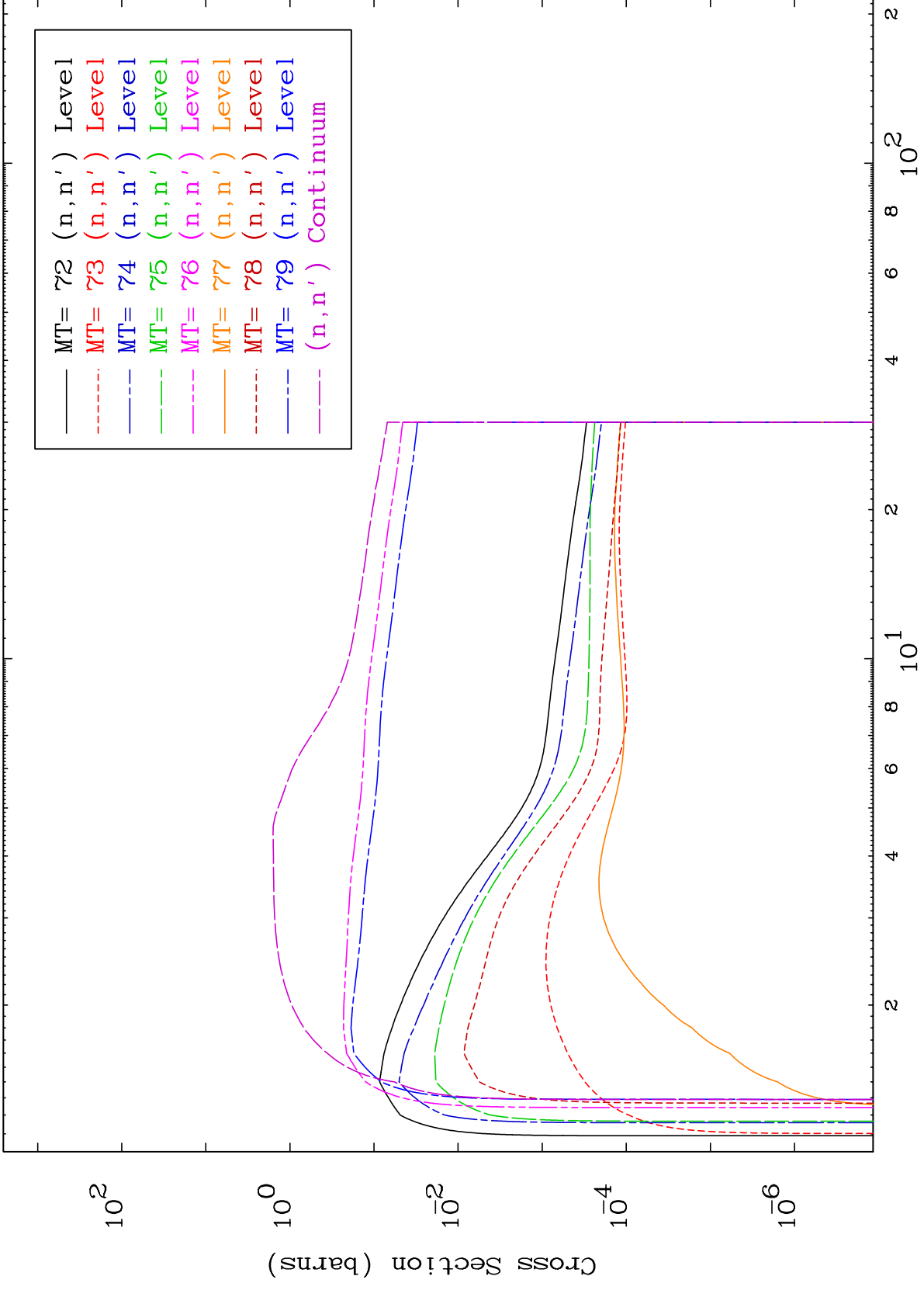
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MAT 4052

(n,n') Level

40-Zr-99

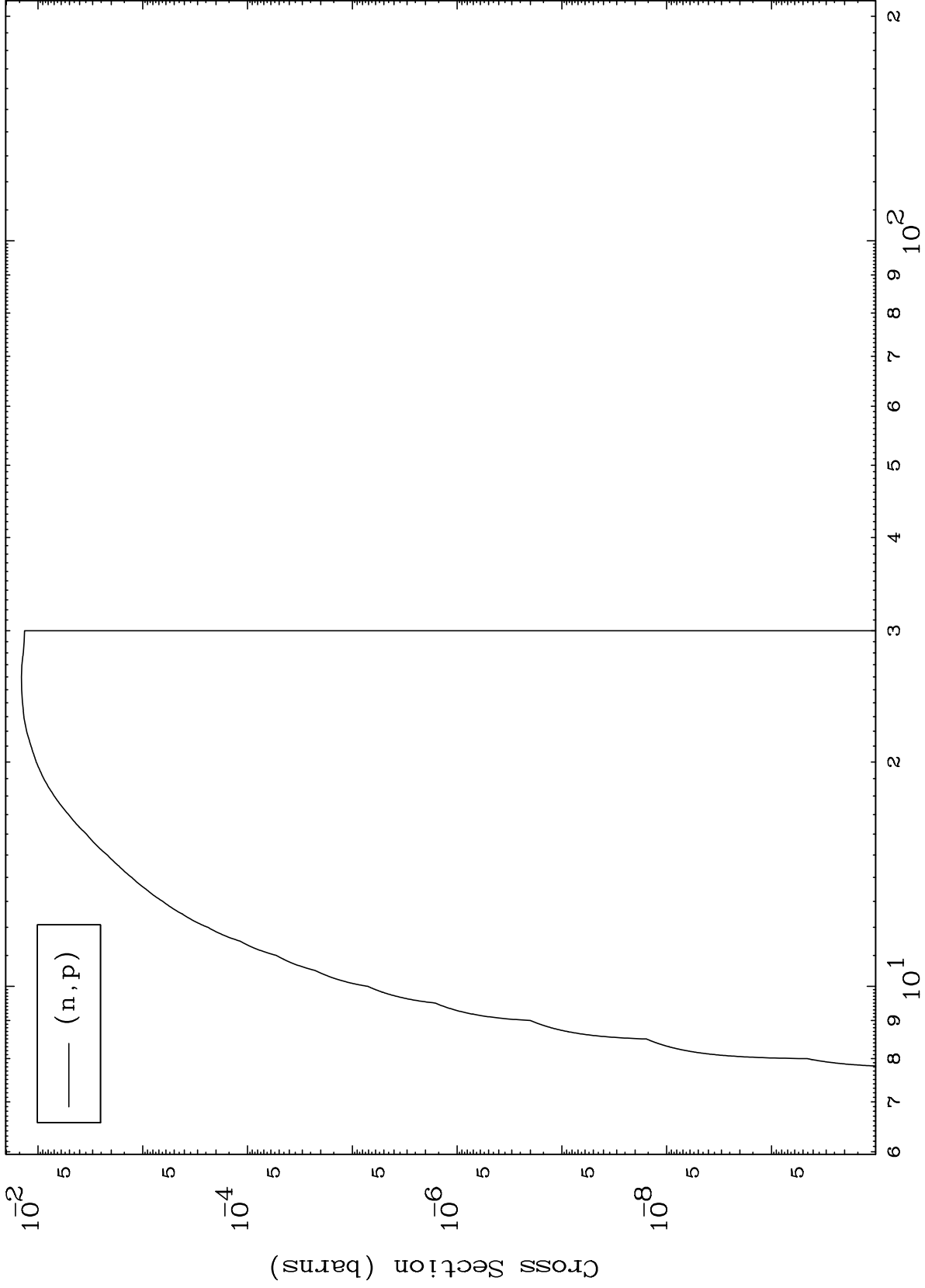
293 Kelvin Cross Sections



MAT 4052

(n,p) Levels
293 Kelvin Cross Sections

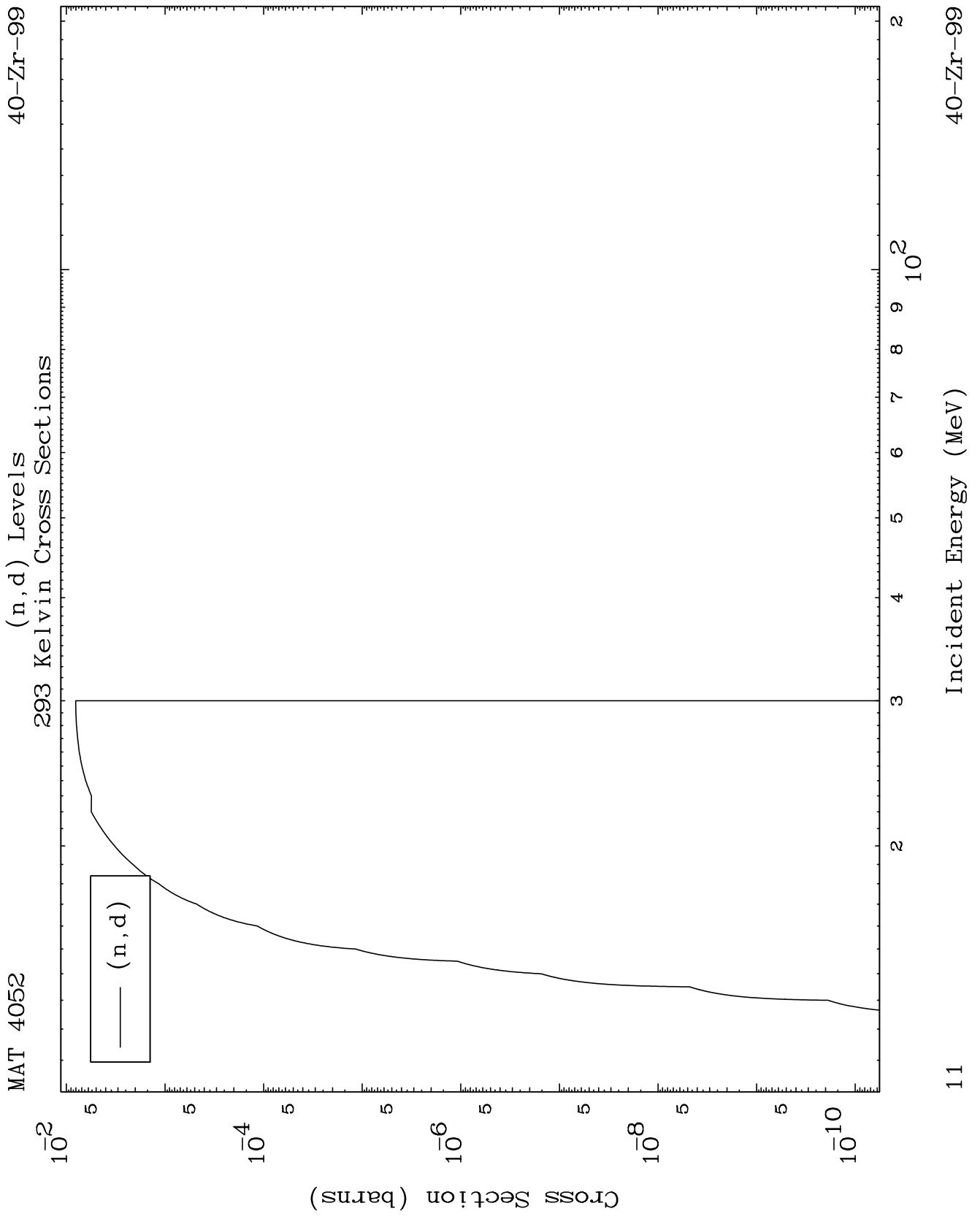
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10

Incident Energy (MeV)

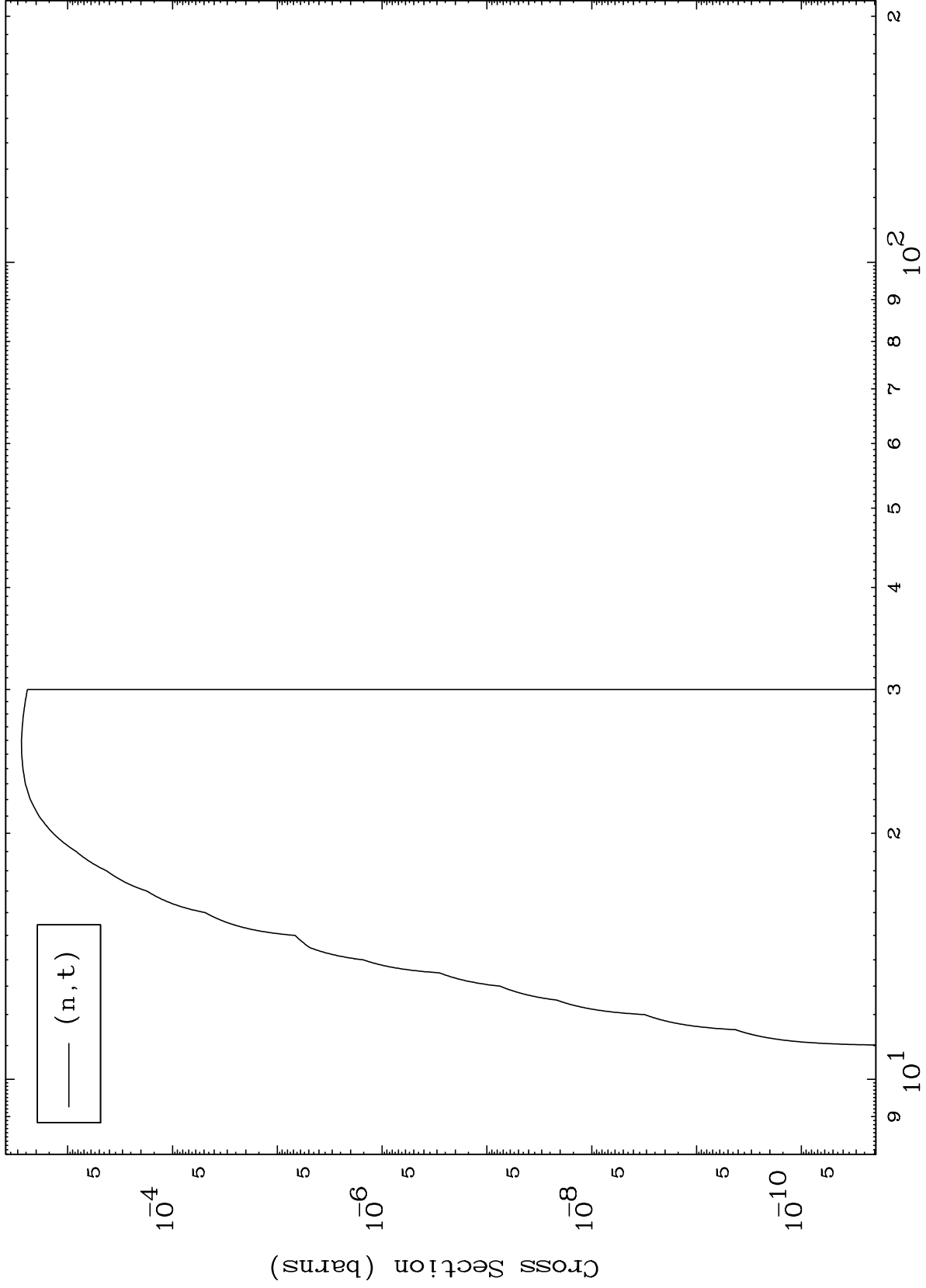
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MAT 4052

(n,t) Levels
293 Kelvin Cross Sections

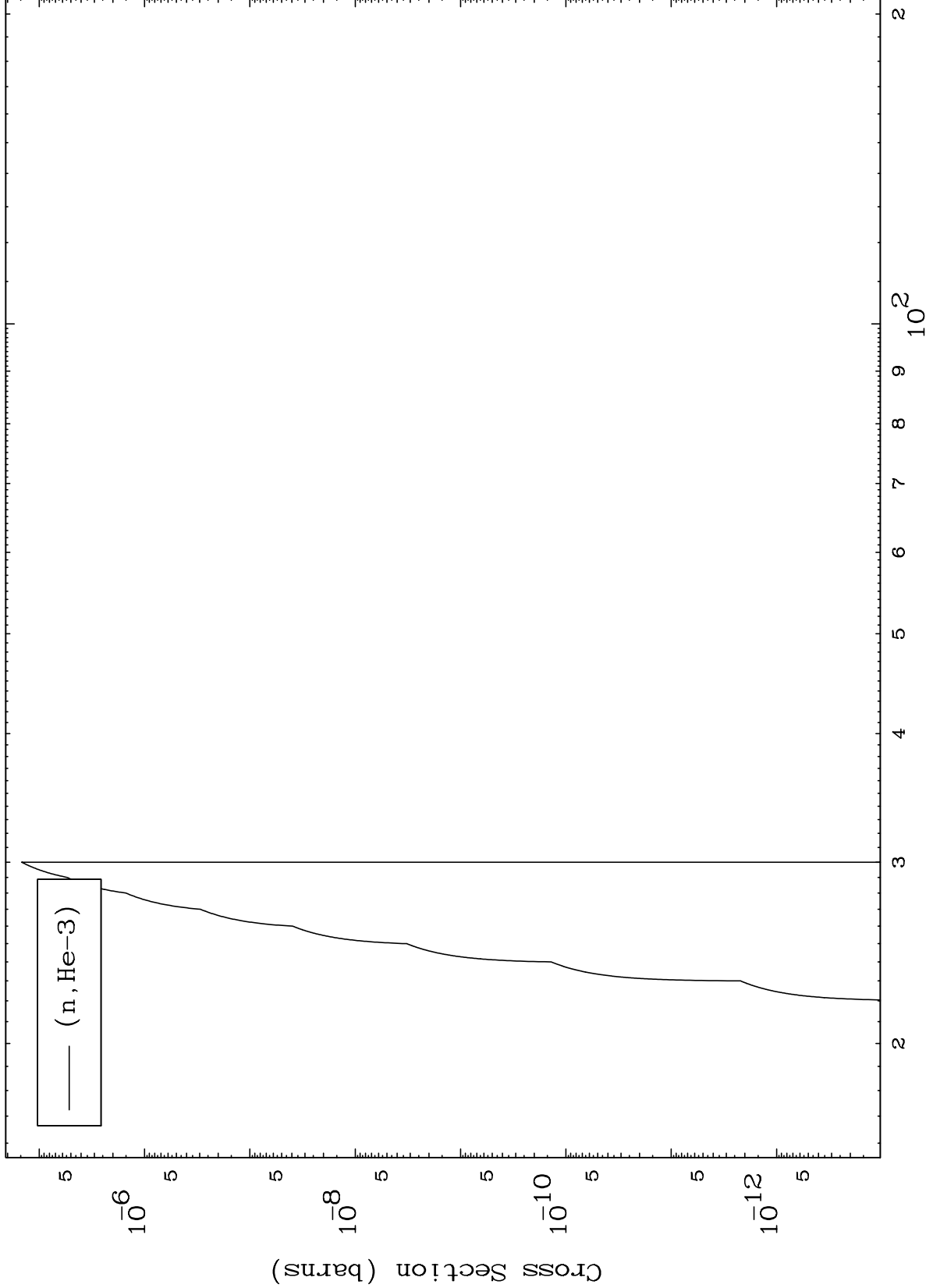
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12

Incident Energy (MeV)

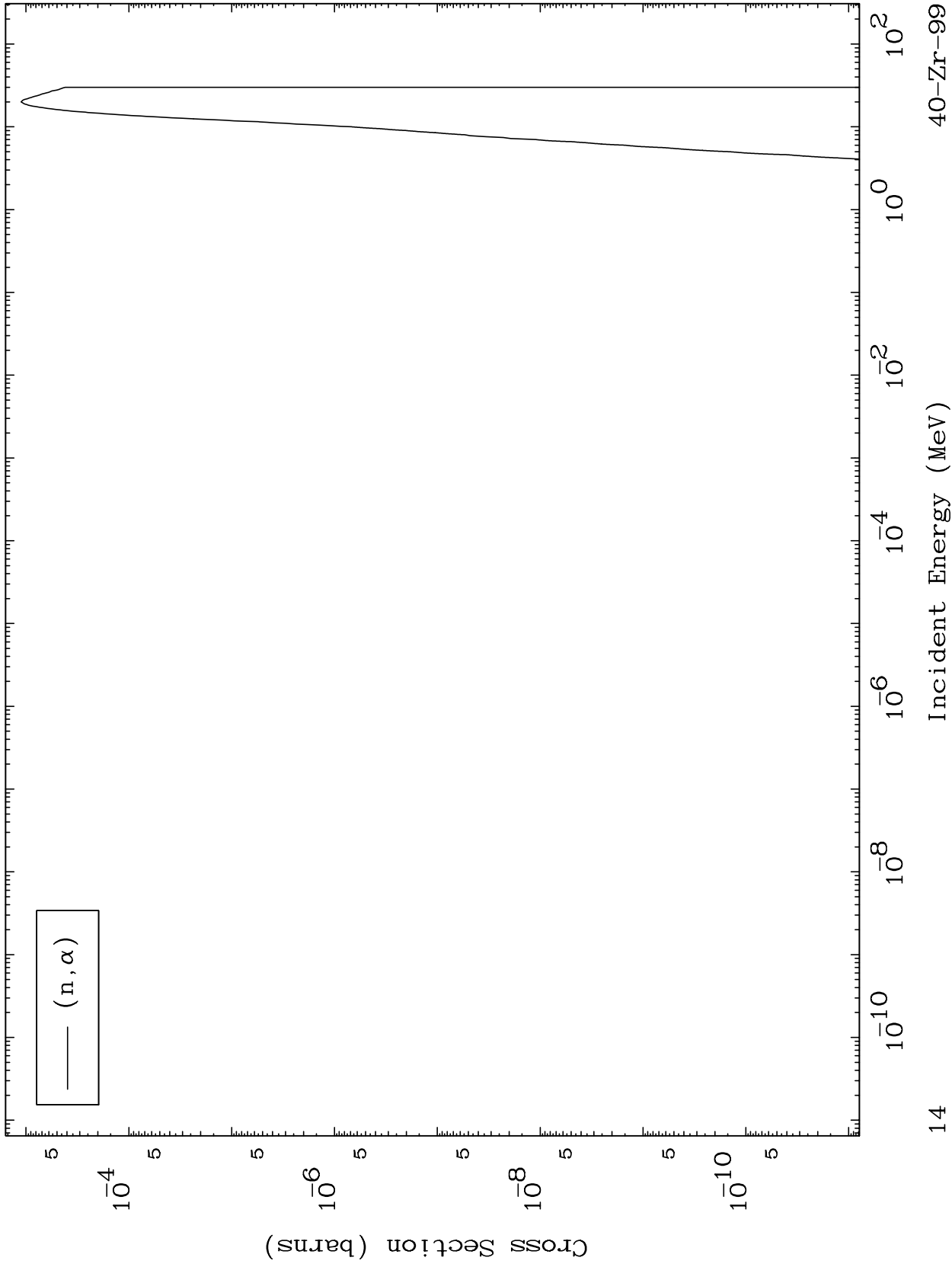
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MAT 4052

(n, α) Levels
293 Kelvin Cross Sections

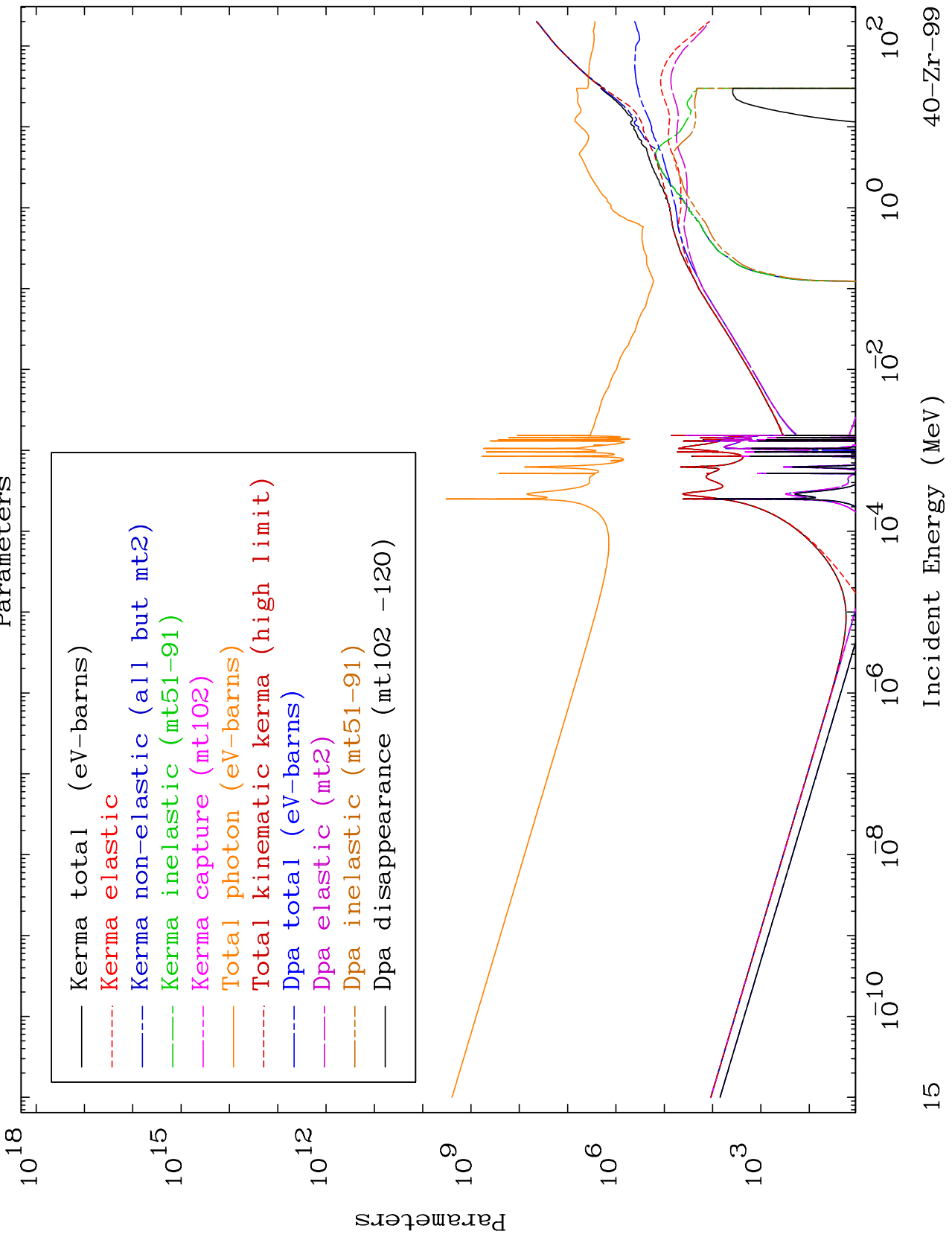
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MAT 4052

Energy Release
Parameters

40-Zr-99



15

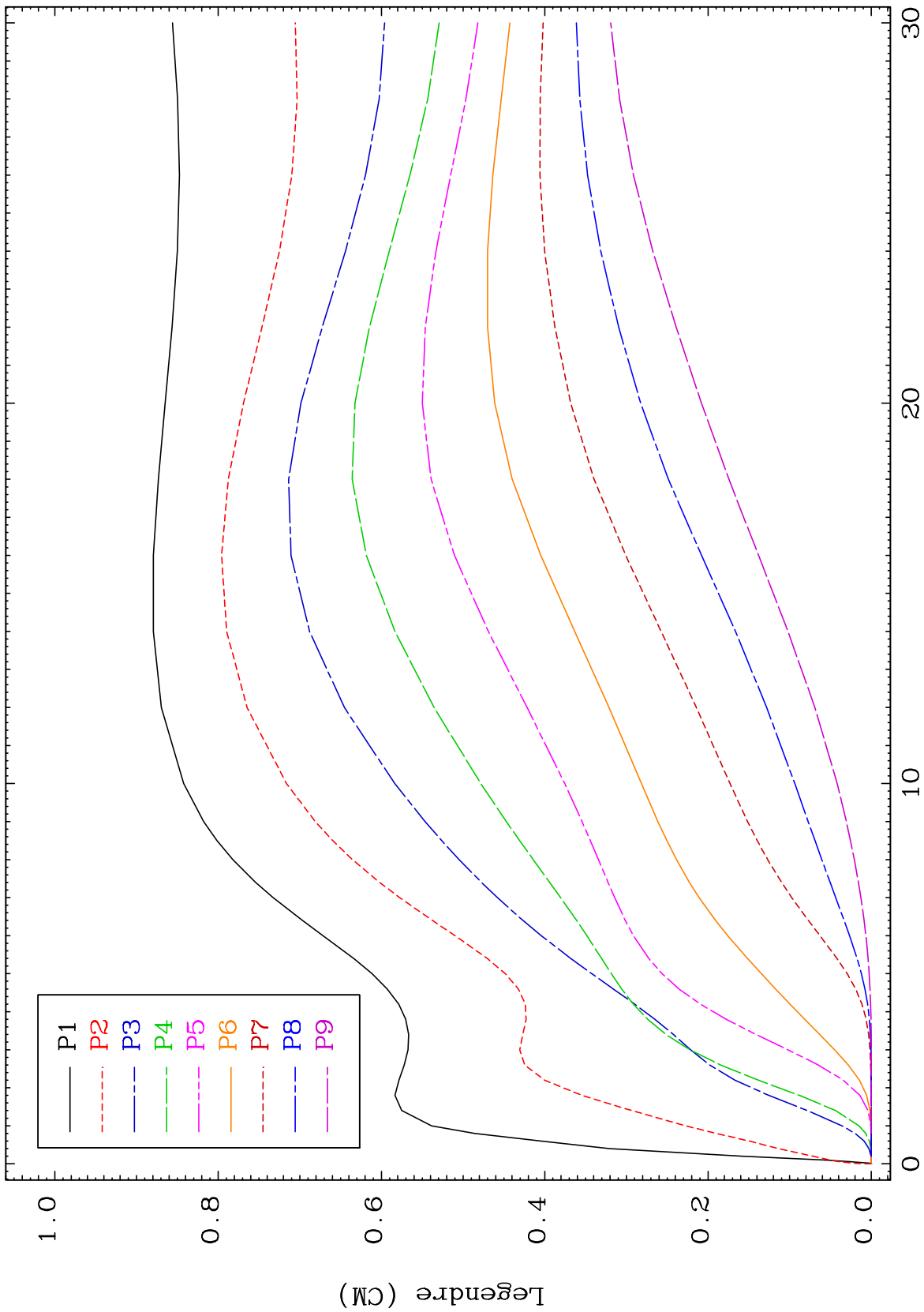
Incident Energy (MeV)

40-Zr-99

MAT 4052

Elastic Legendre Coefficients

40-Zr-99



16

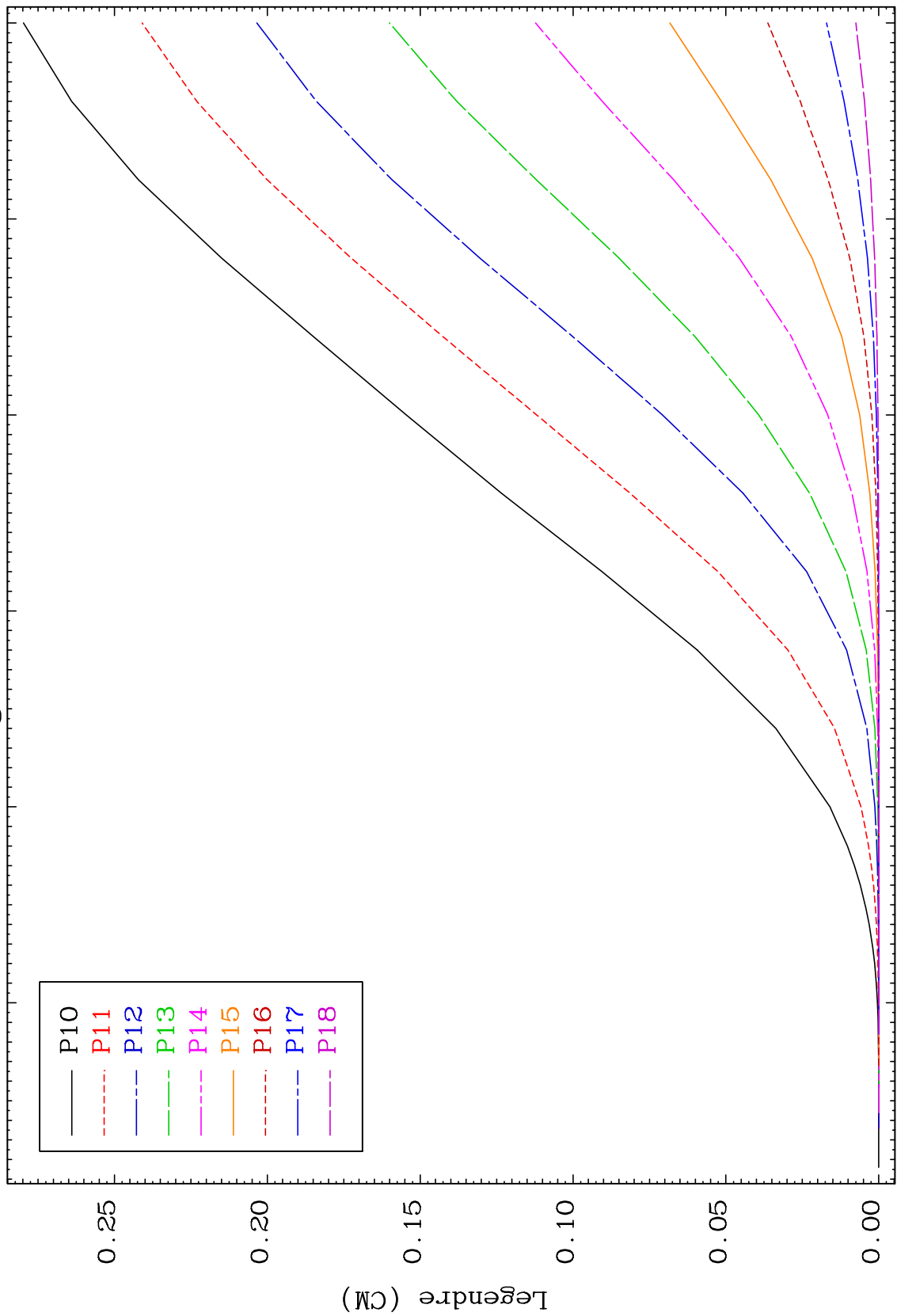
Incident Energy (MeV)

40-Zr-99

MAT 4052

Elastic Legendre Coefficients

40-Zr-99



17

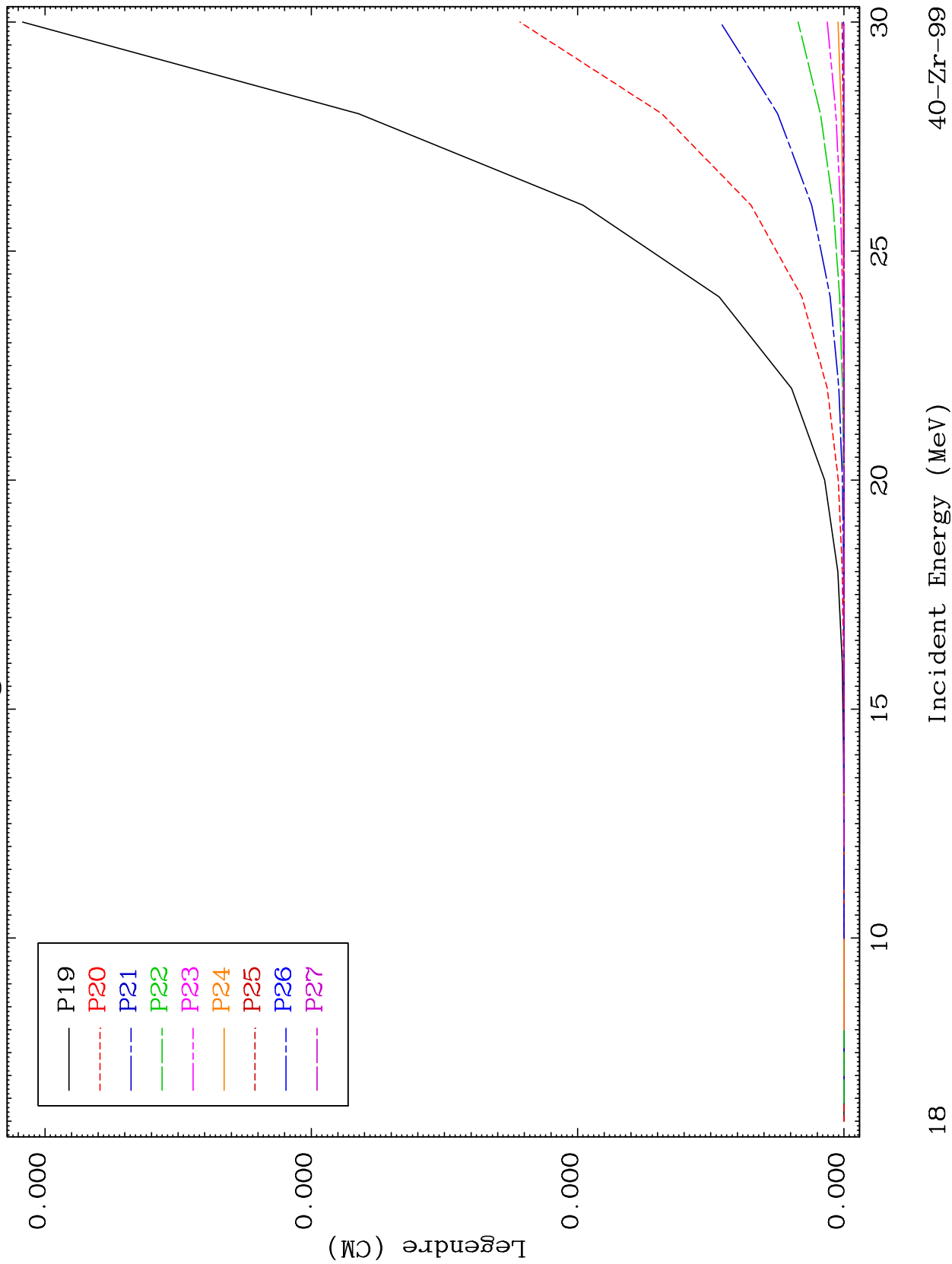
Incident Energy (MeV)

40-Zr-99

MAT 4052

Elastic Legendre Coefficients

40-Zr-99



18

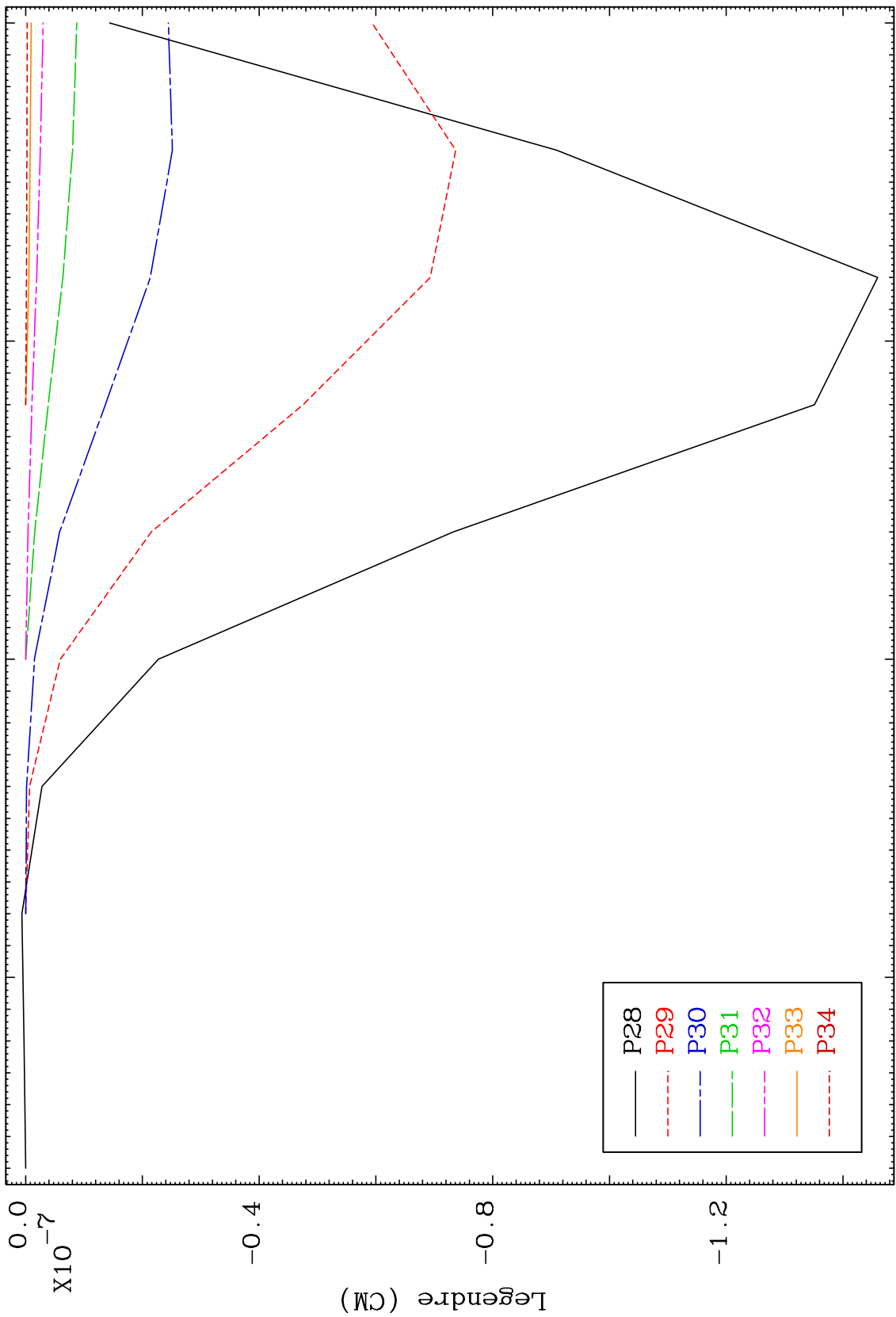
Incident Energy (MeV)

40-Zr-99

MAT 4052

40-Zr-99

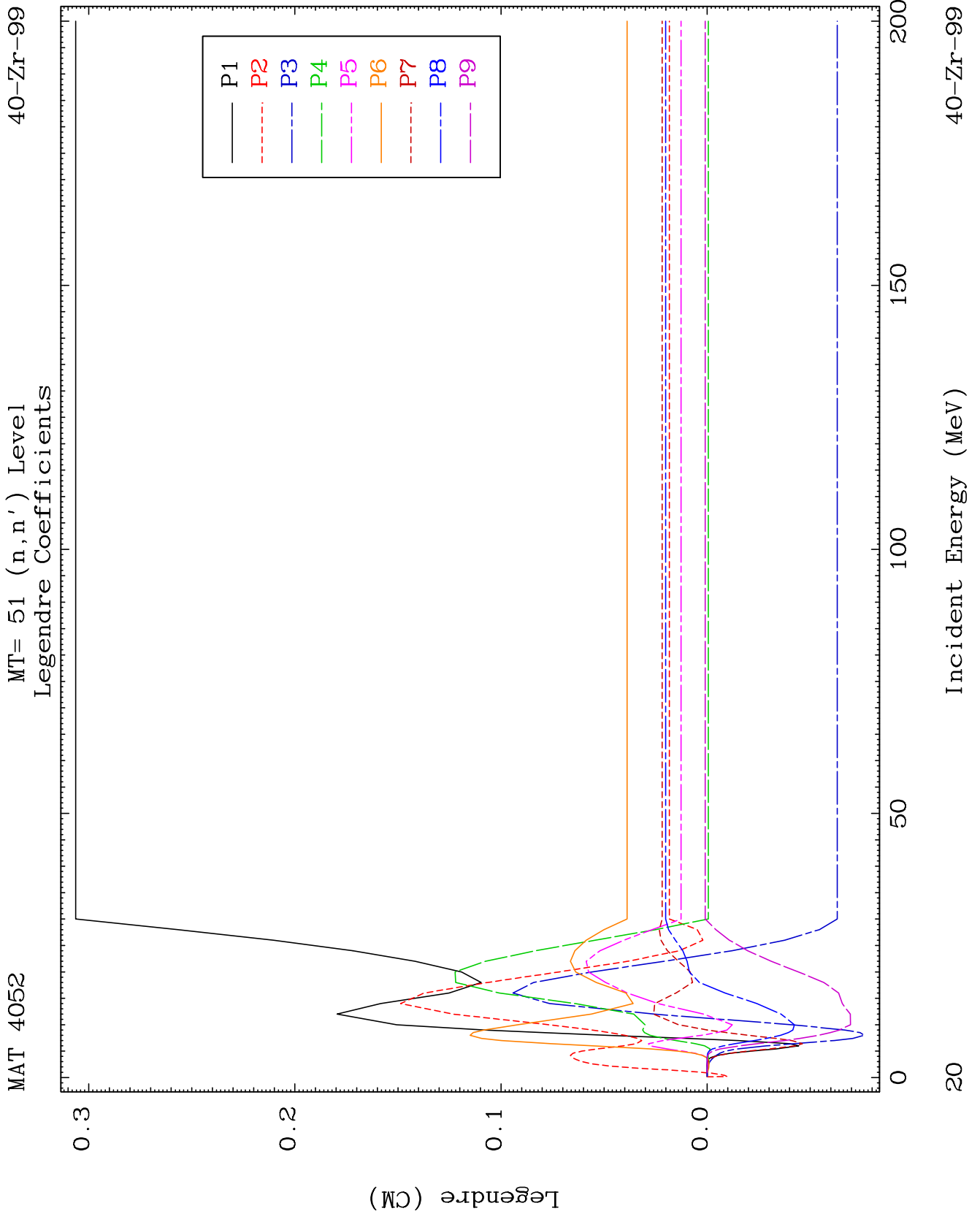
Elastic Legendre Coefficients



19

Incident Energy (MeV)

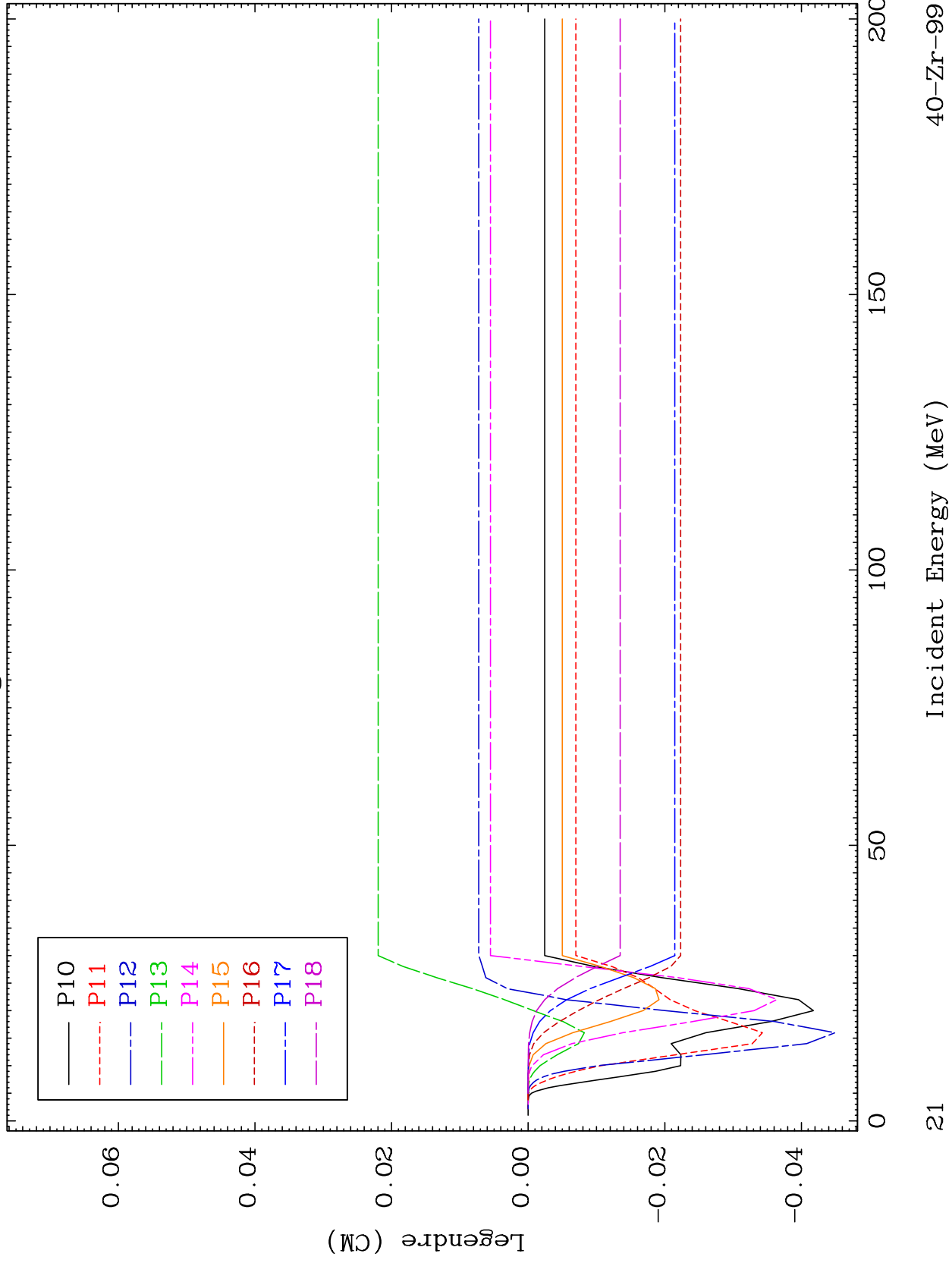
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MAT 4052

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

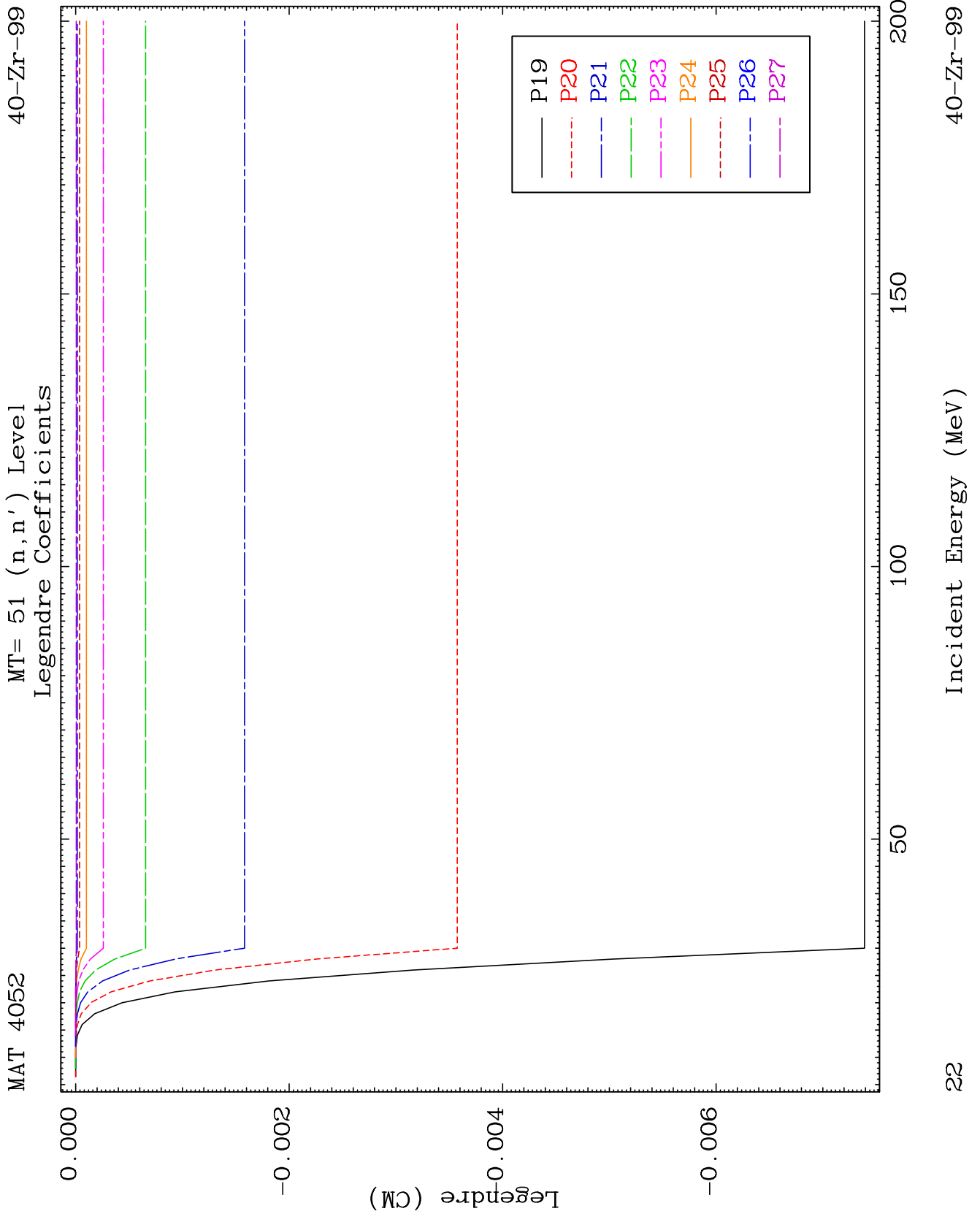
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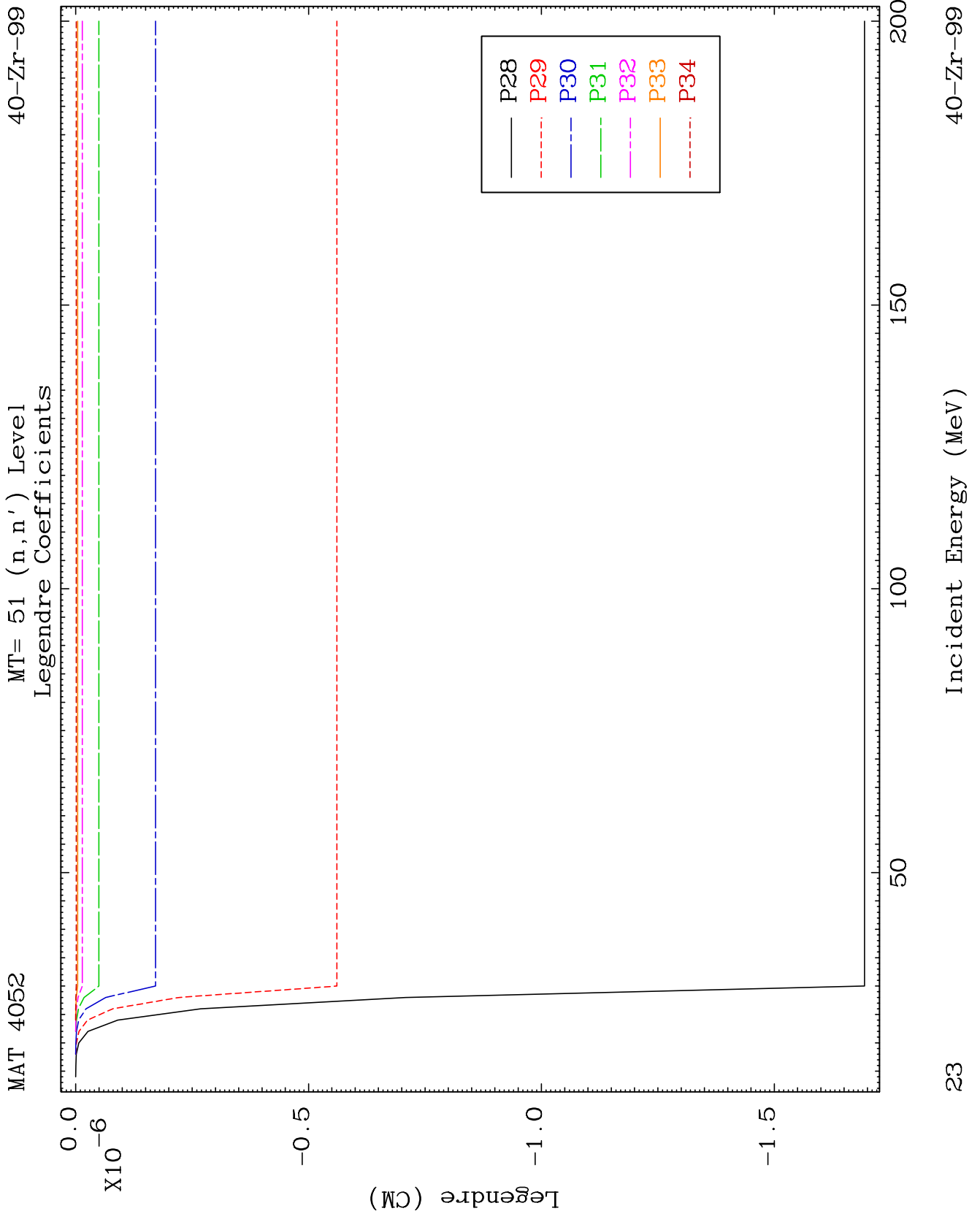


21

Incident Energy (MeV)

40-Zr-99

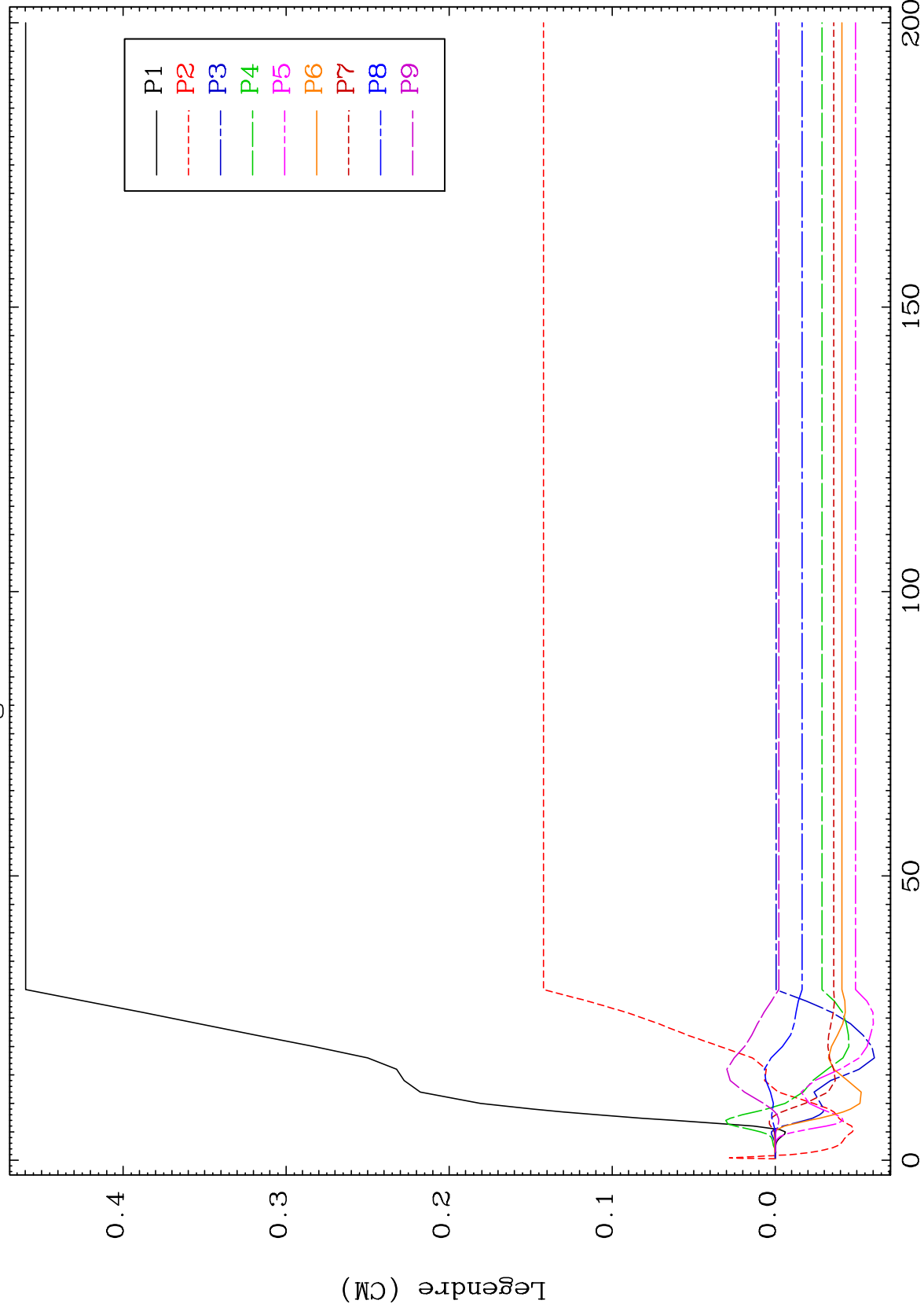




MAT 4052

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

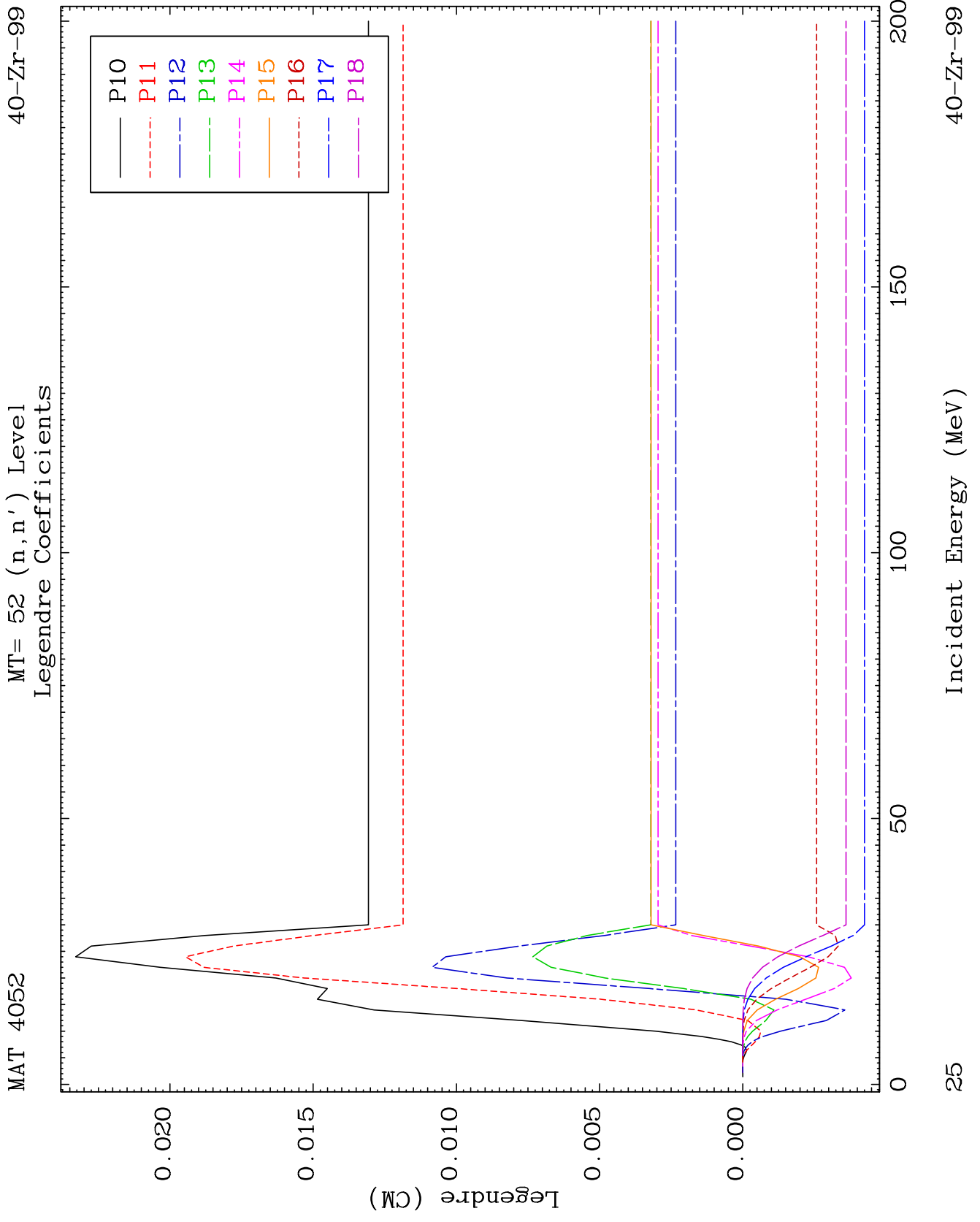
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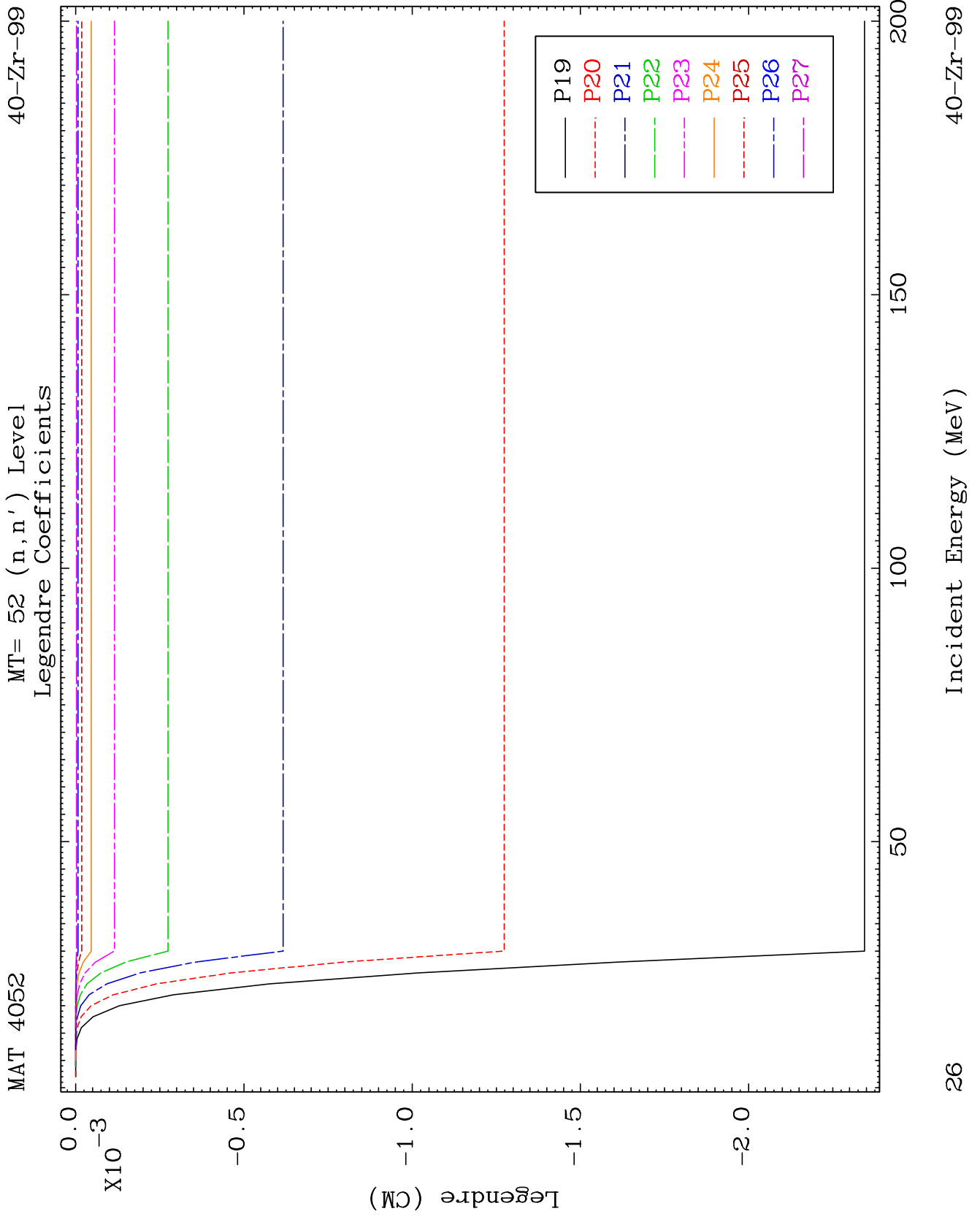


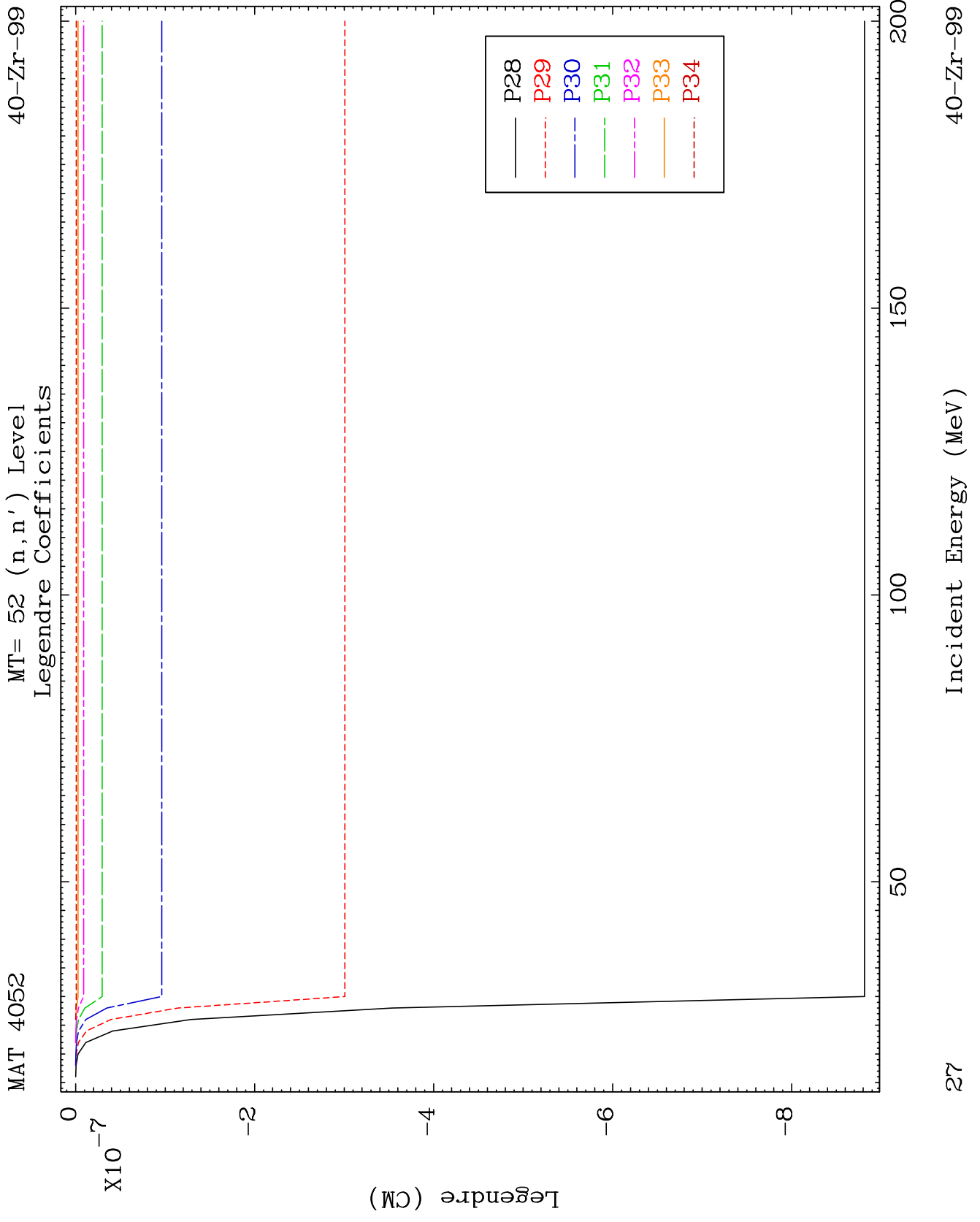
24

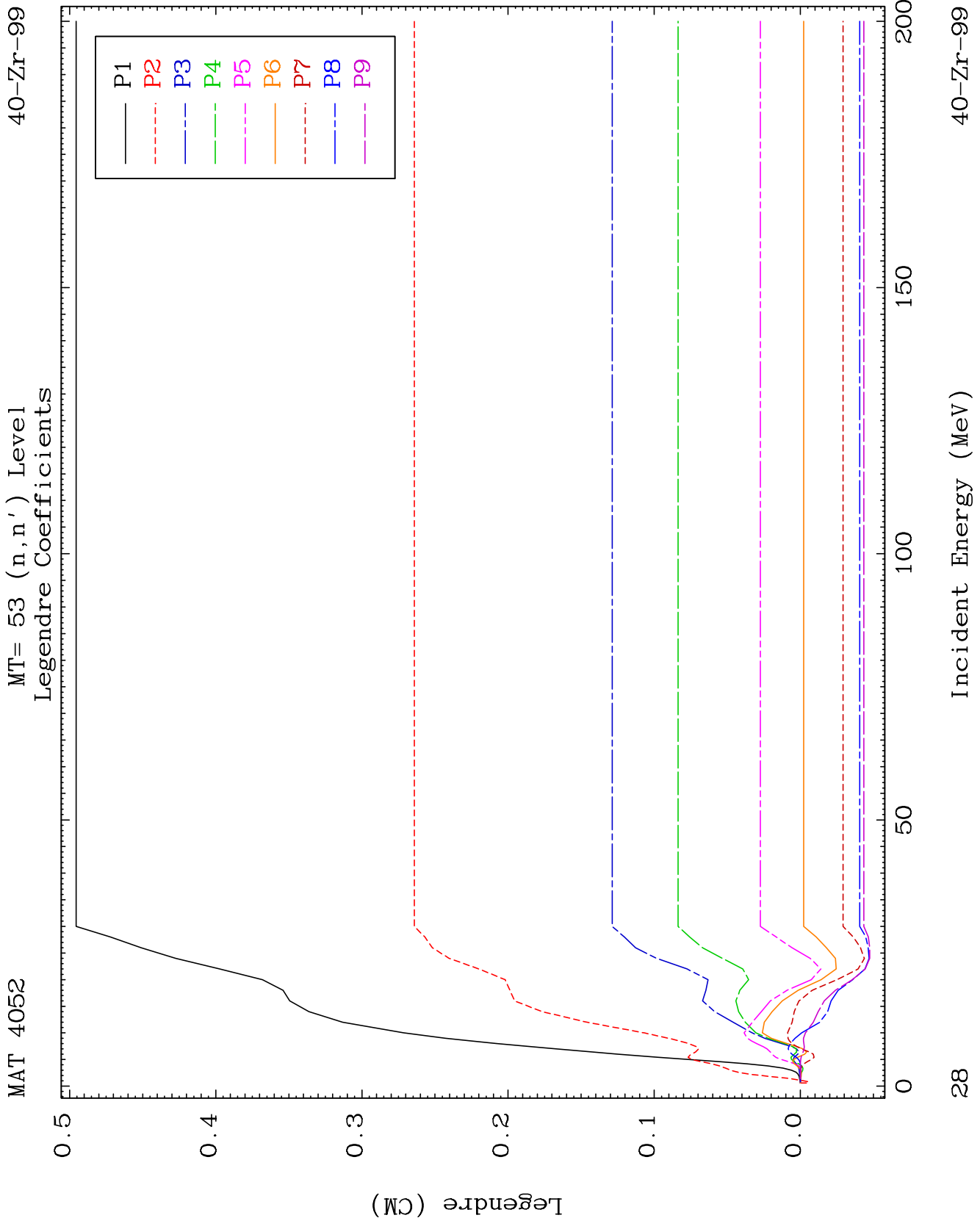
Incident Energy (MeV)

40-Zr-99





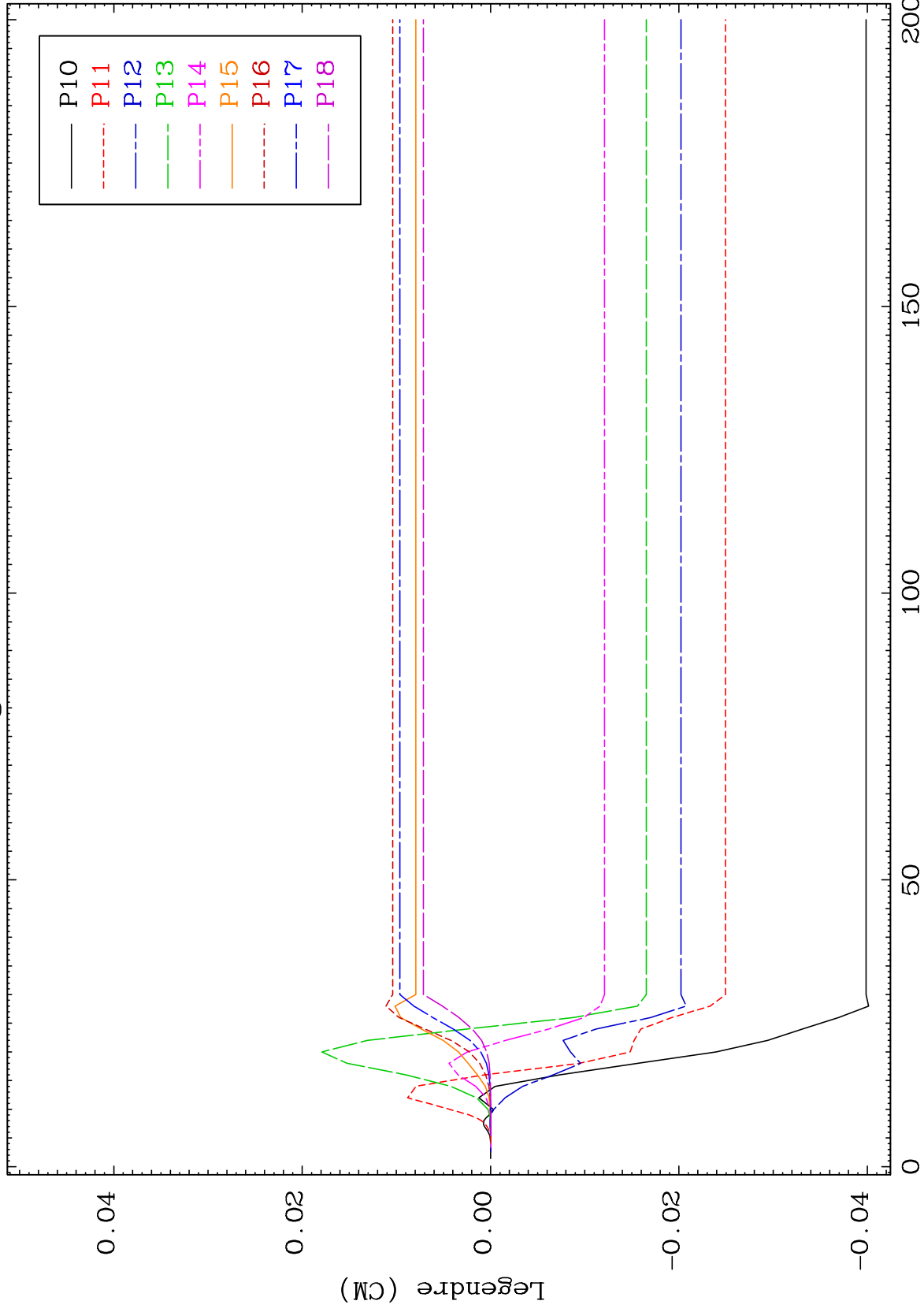




MAT 4052

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

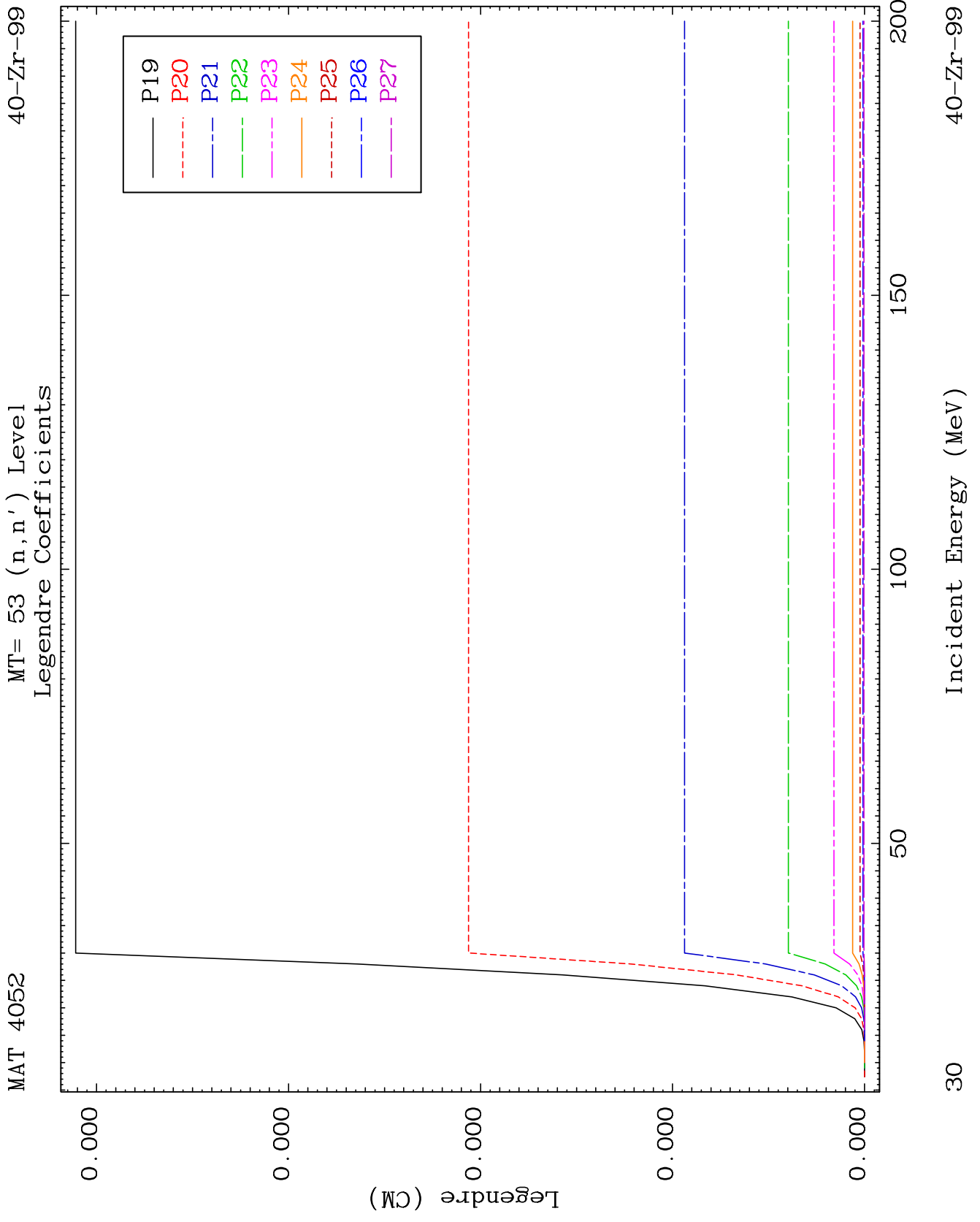
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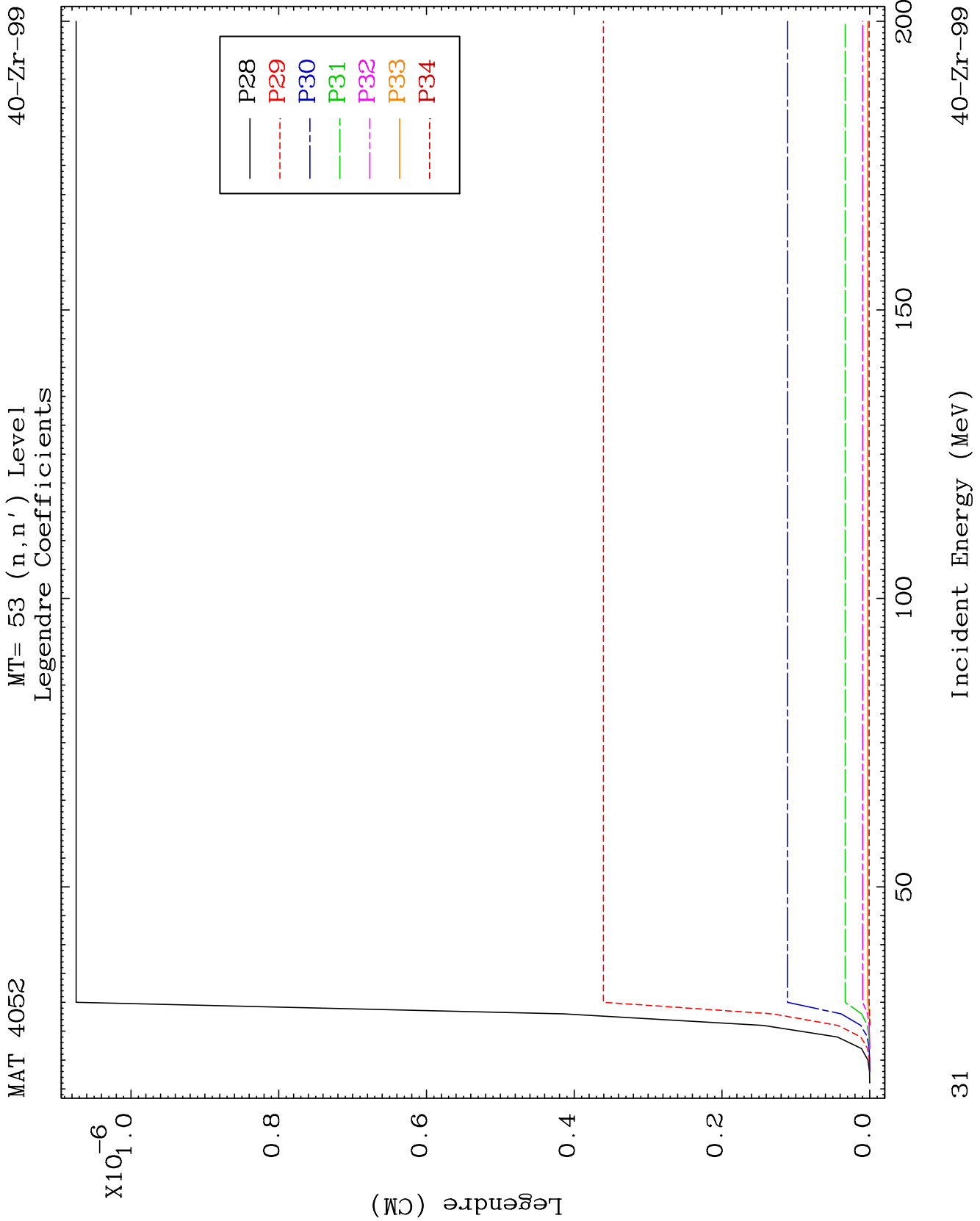


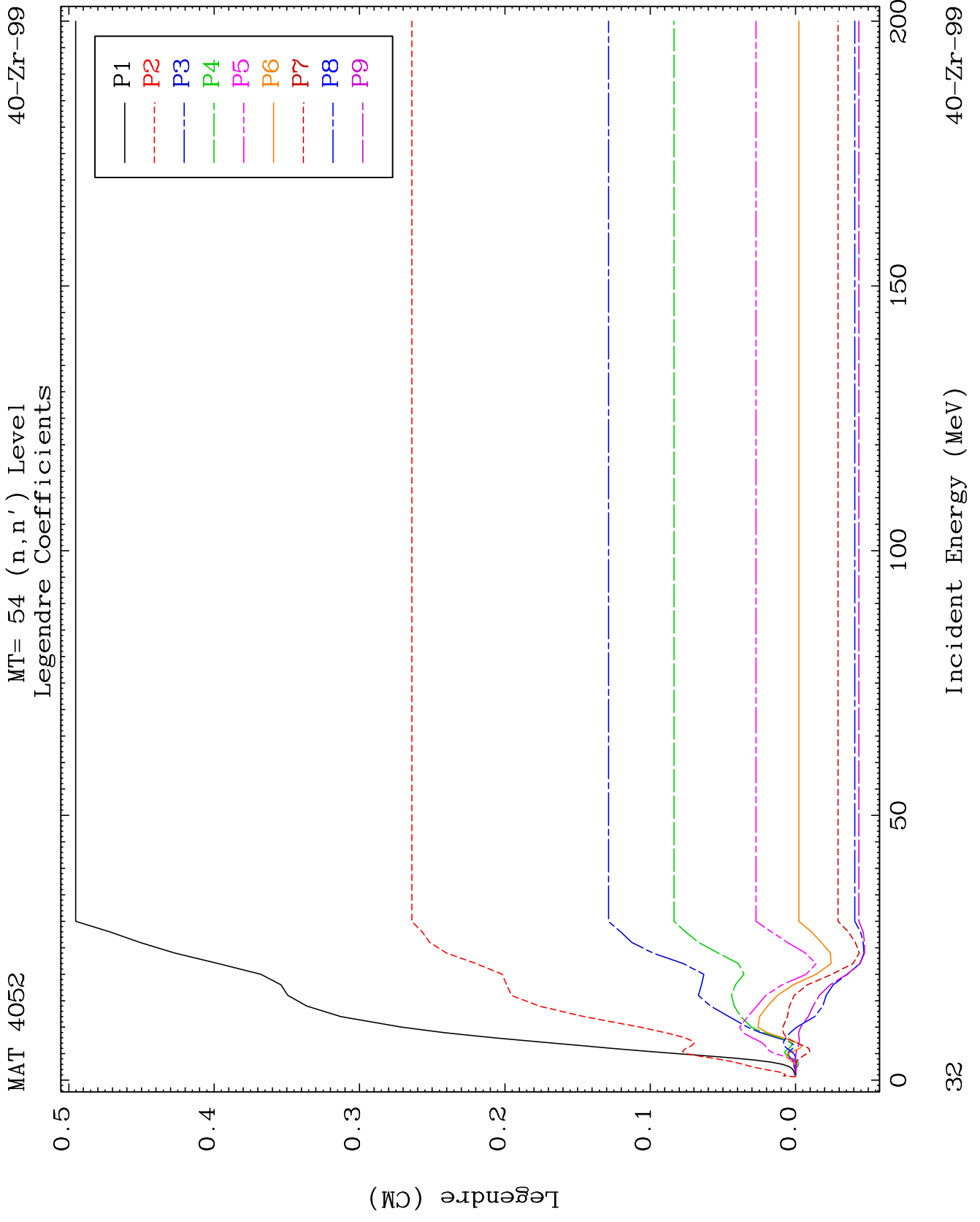
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Incident Energy (MeV)

40-Zr-99



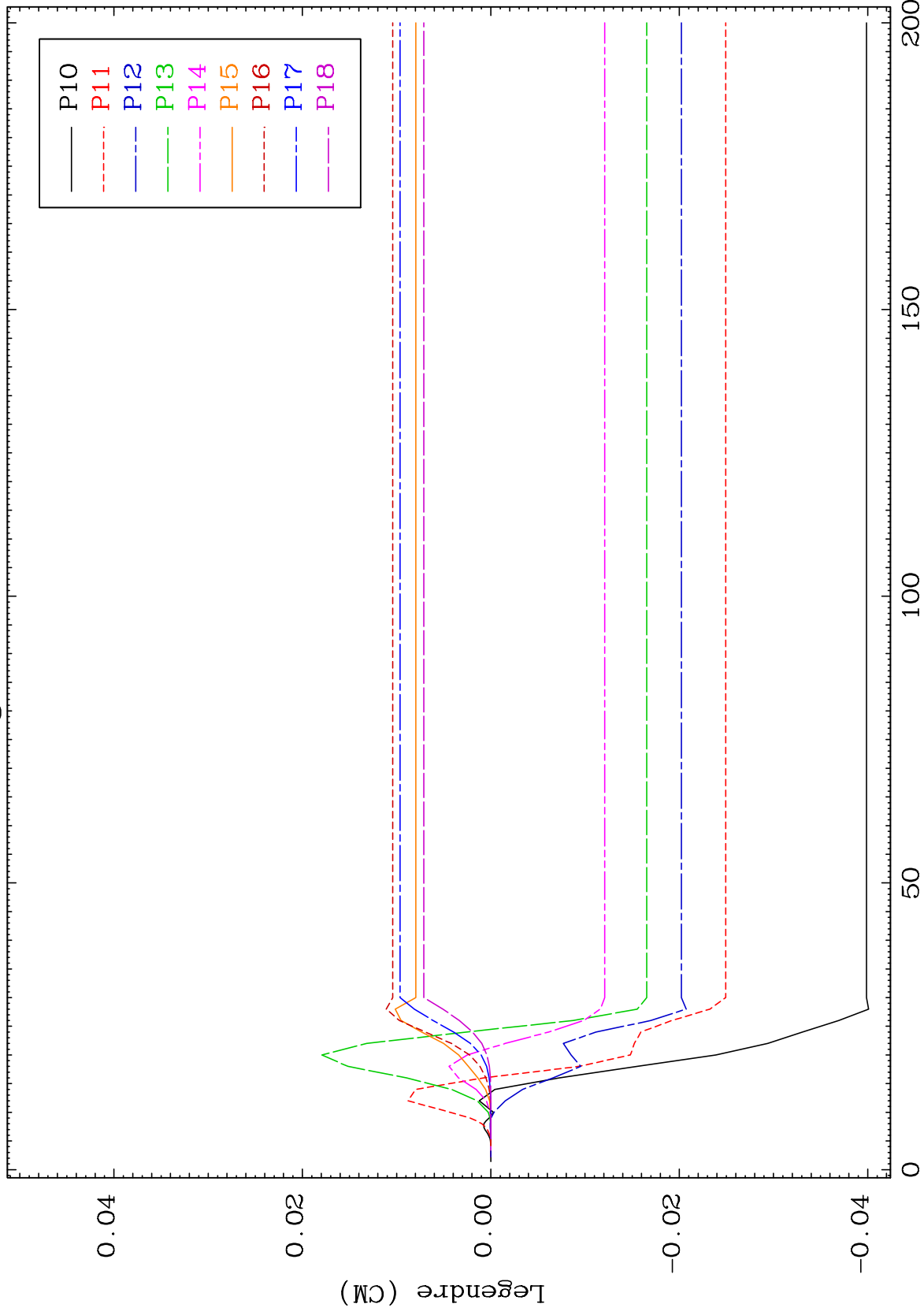




MAT 4052

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

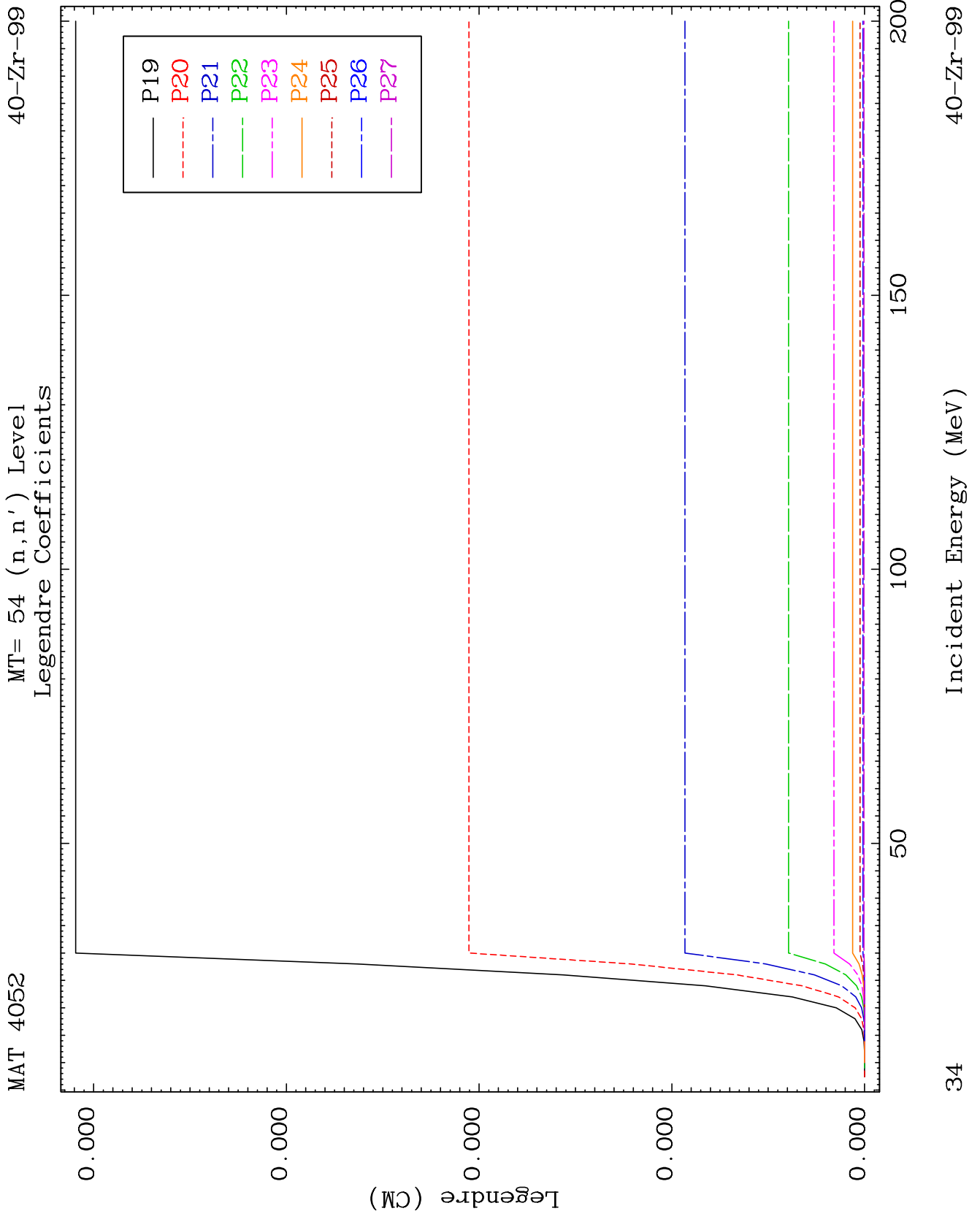
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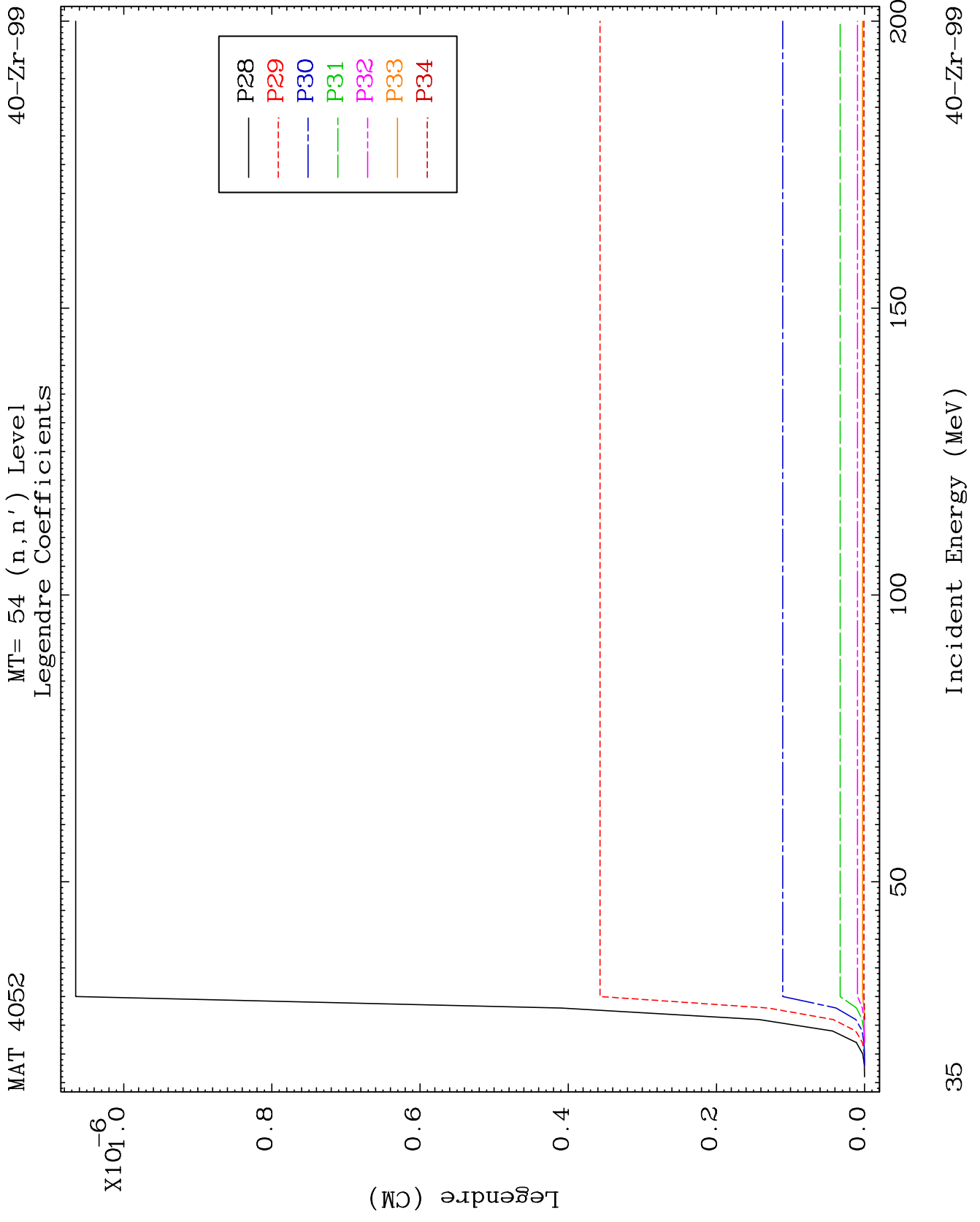


33

Incident Energy (MeV)

40-Zr-99

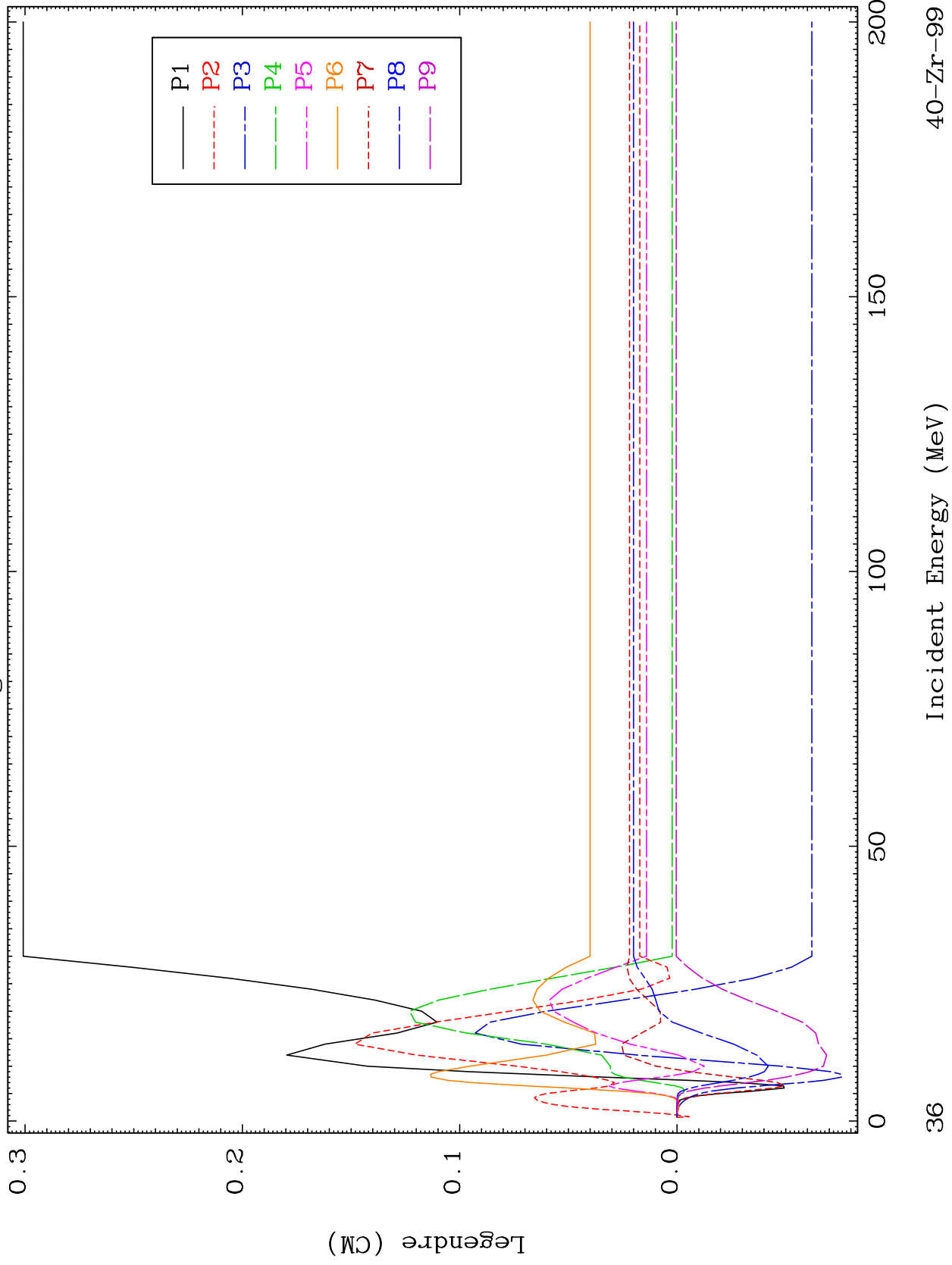




MAT 4052

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

40-Zr-99



36

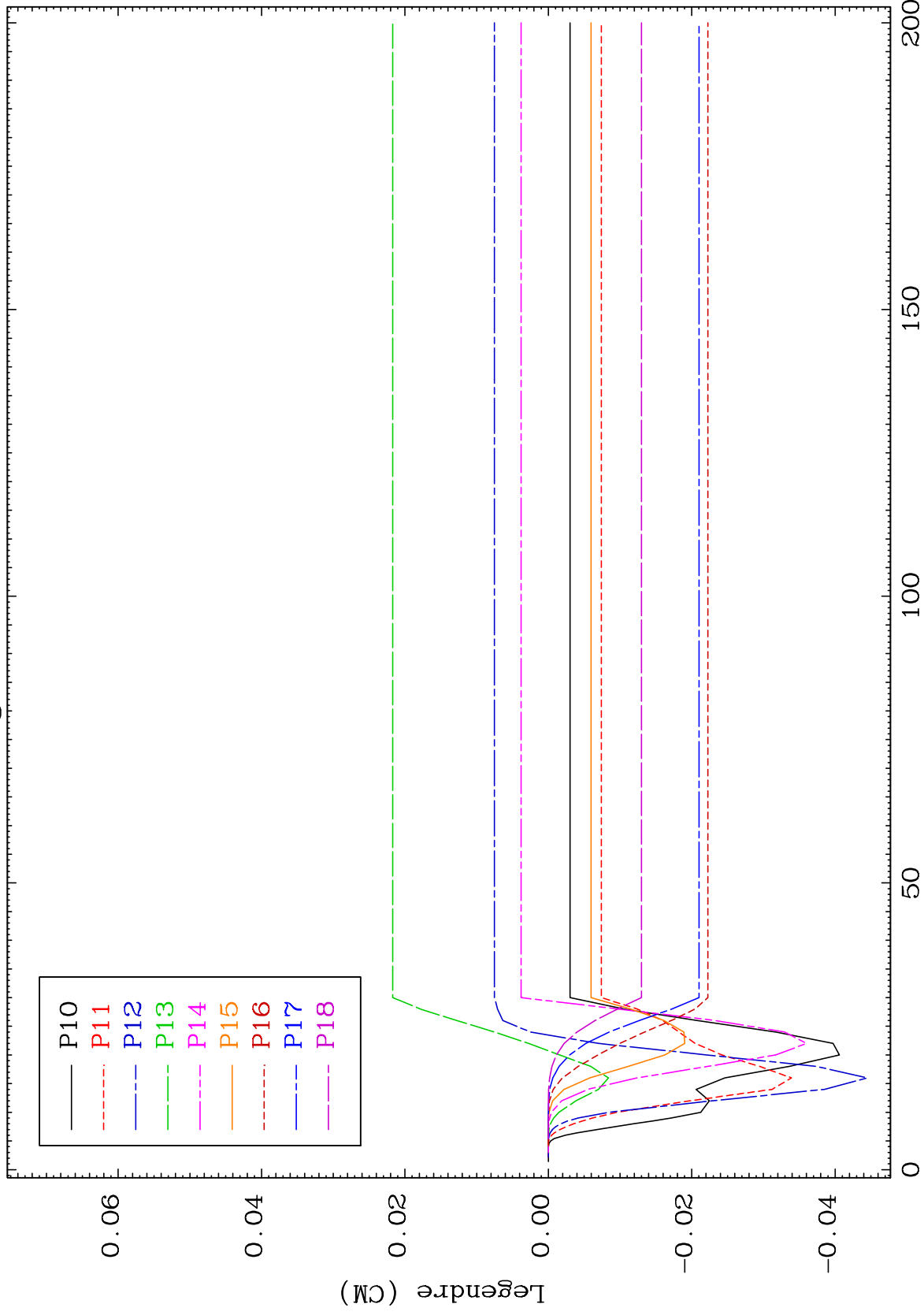
Incident Energy (MeV)

40-Zr-99

MAT 4052

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

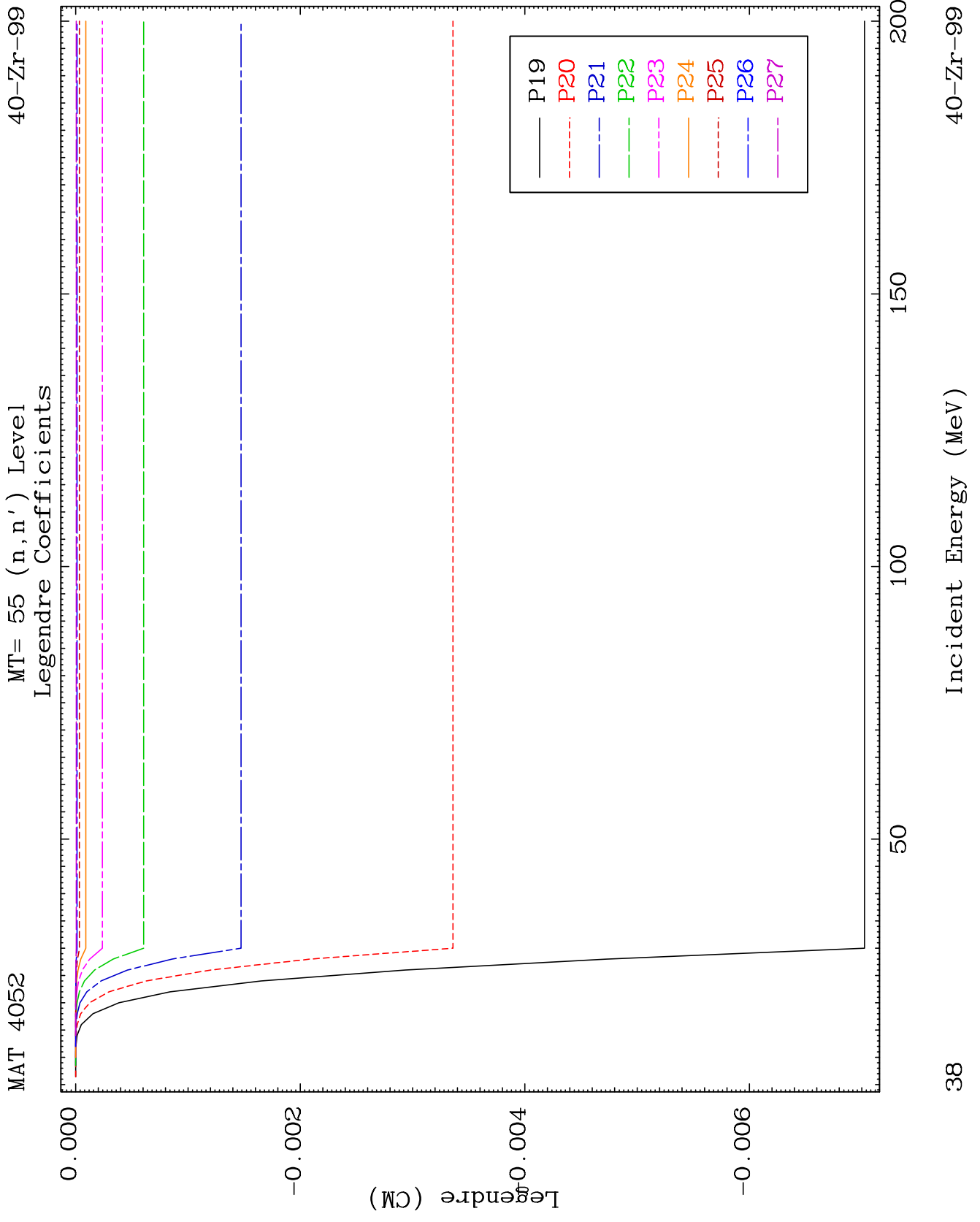
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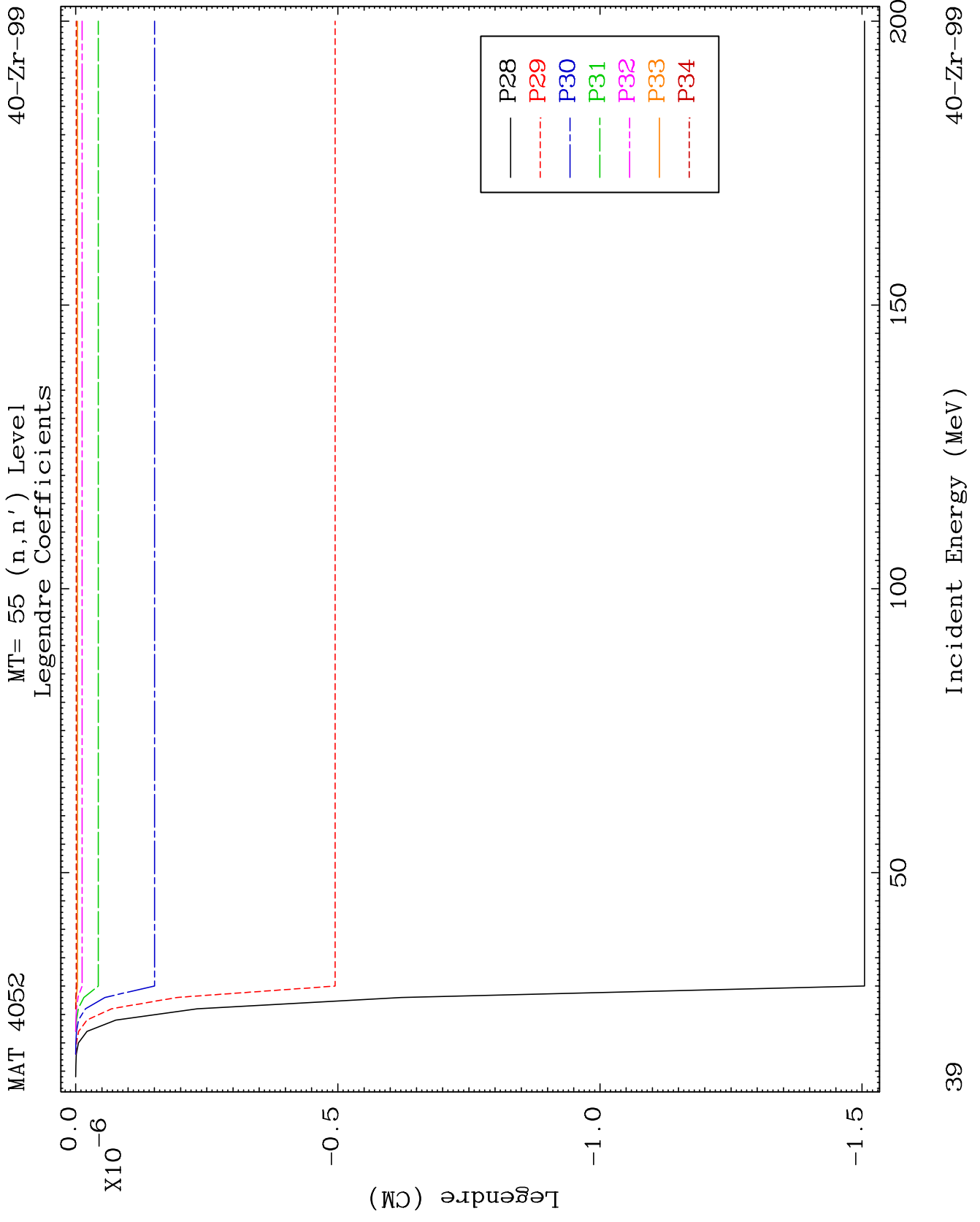


37

Incident Energy (MeV)

40-Zr-99

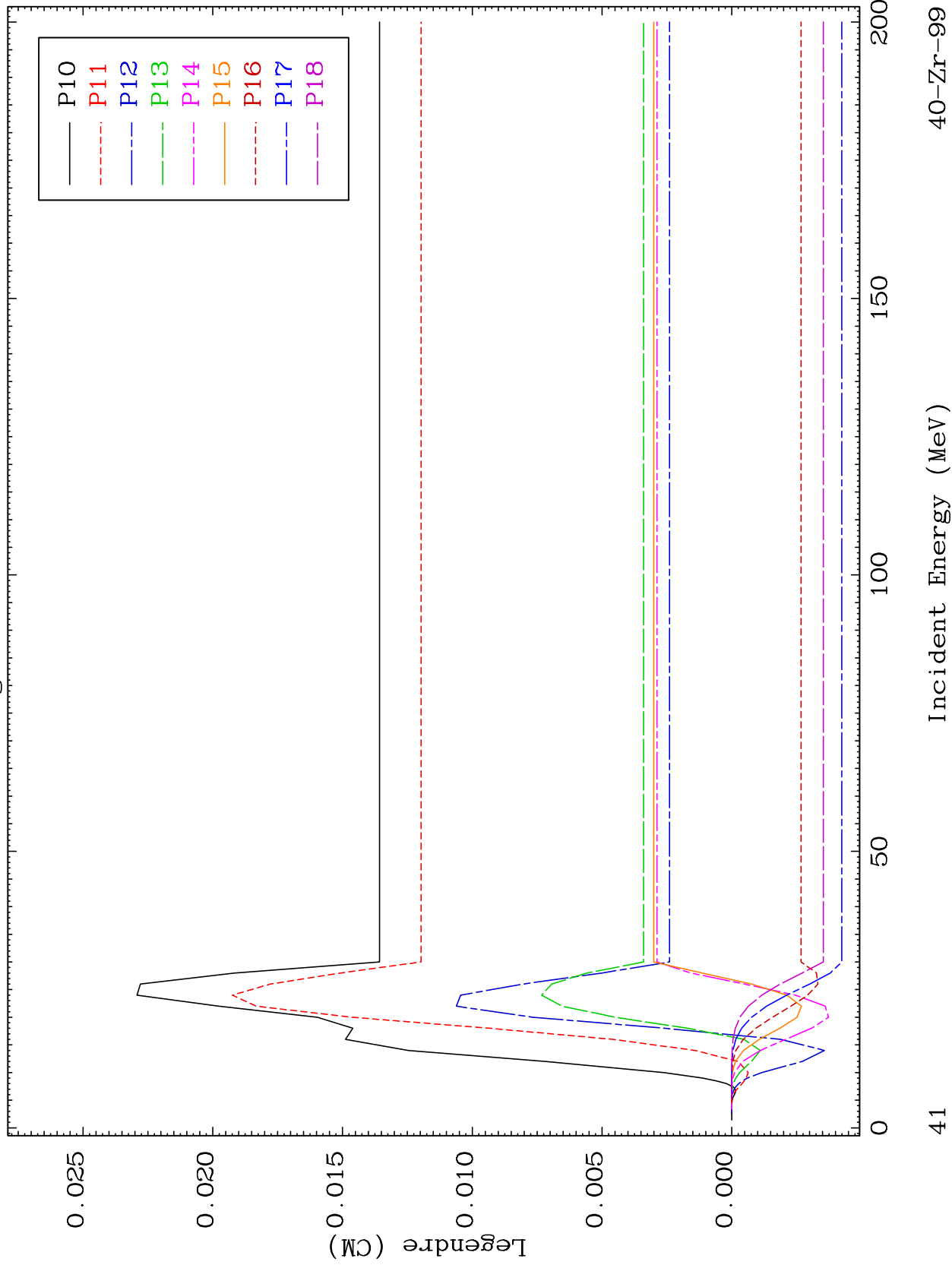




MAT 4052

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

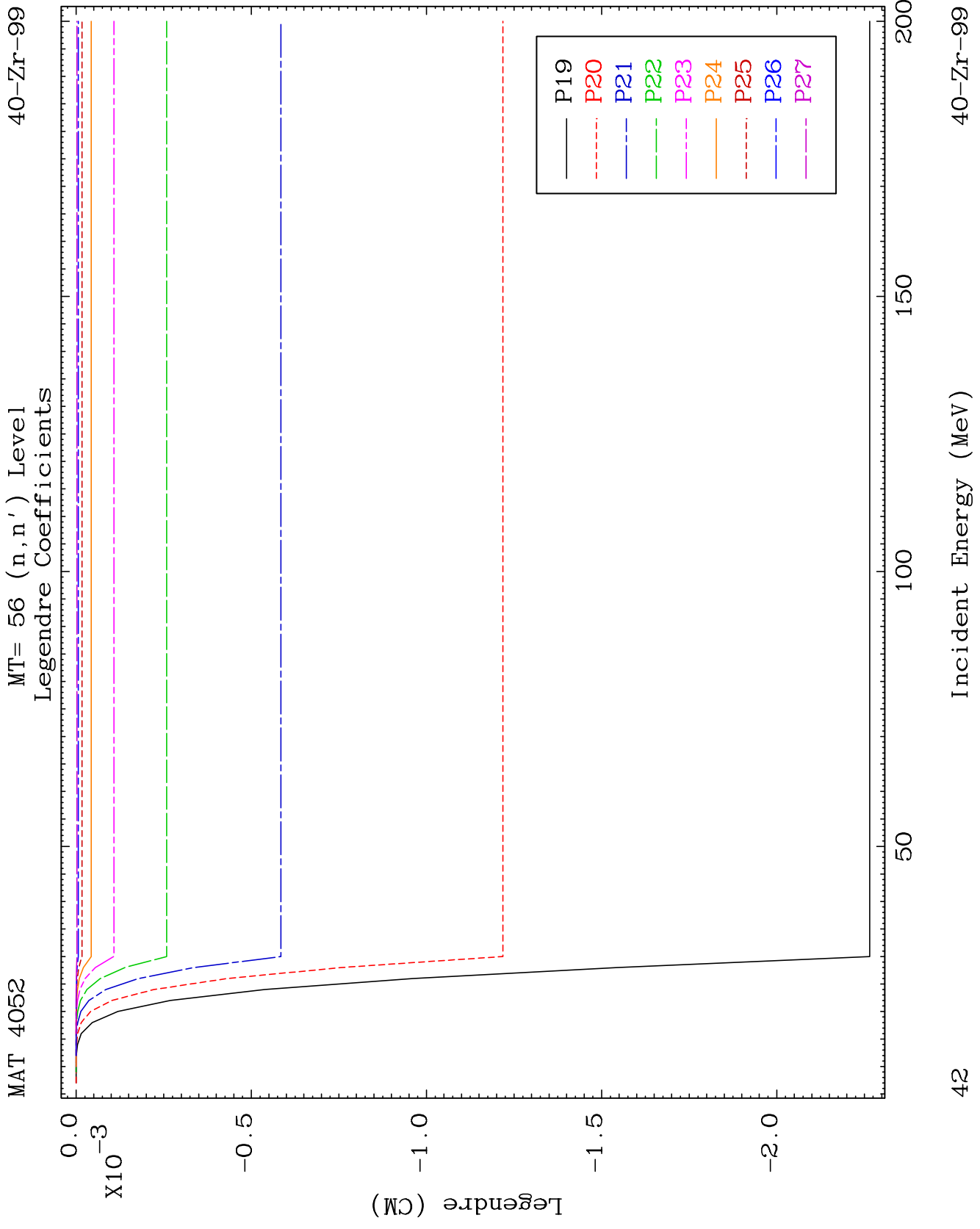
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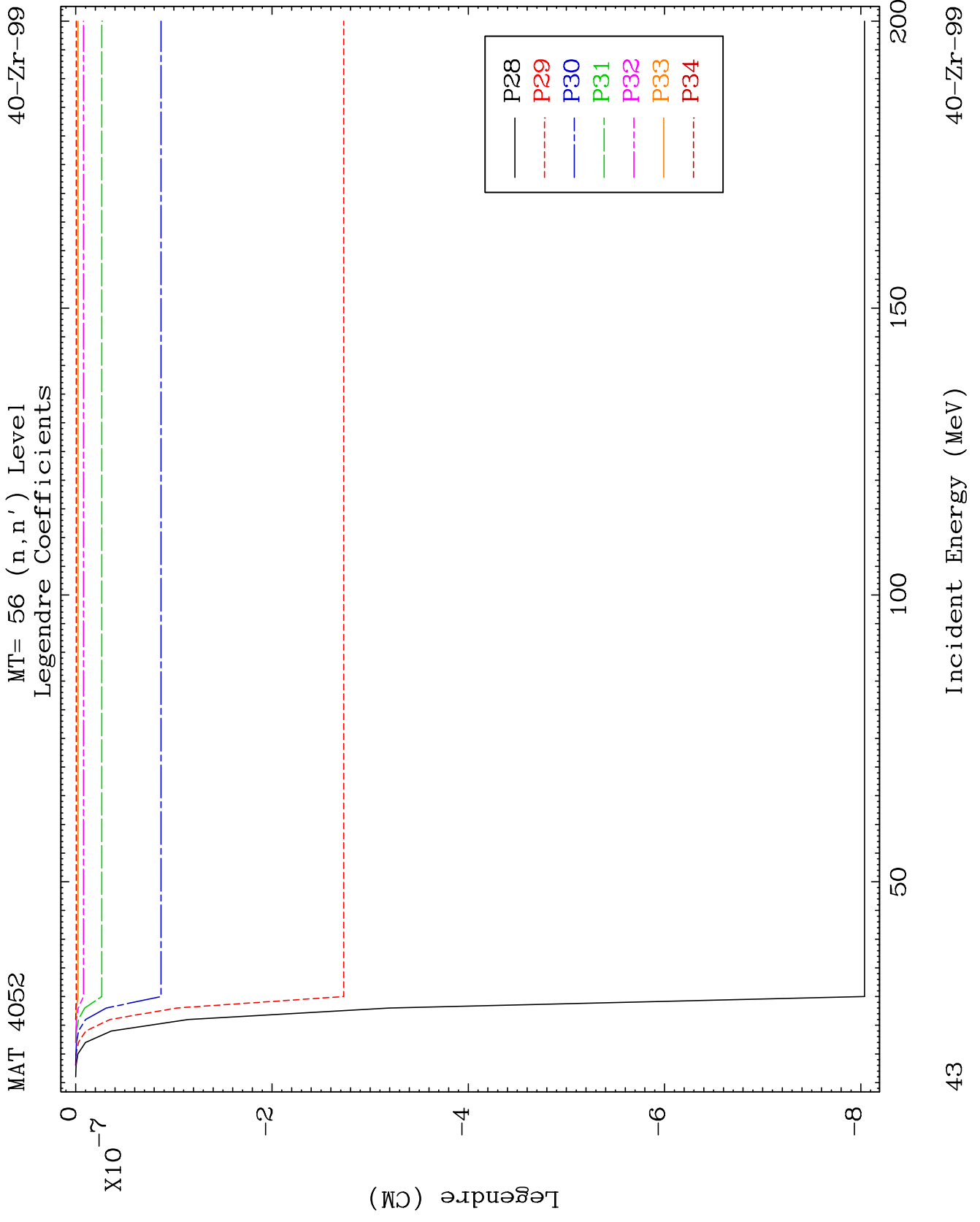


41

Incident Energy (MeV)

40-Zr-99

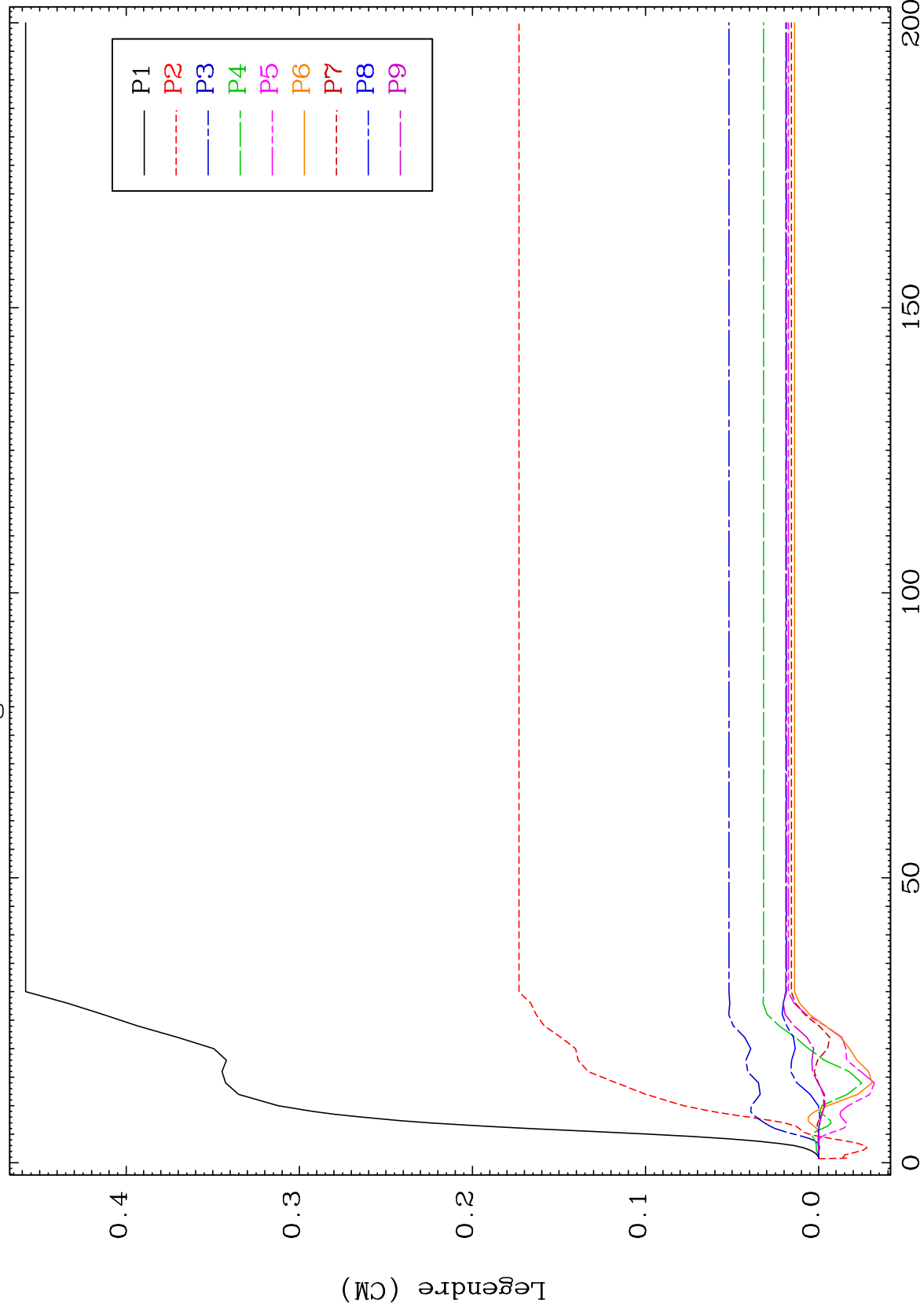




MAT 4052

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

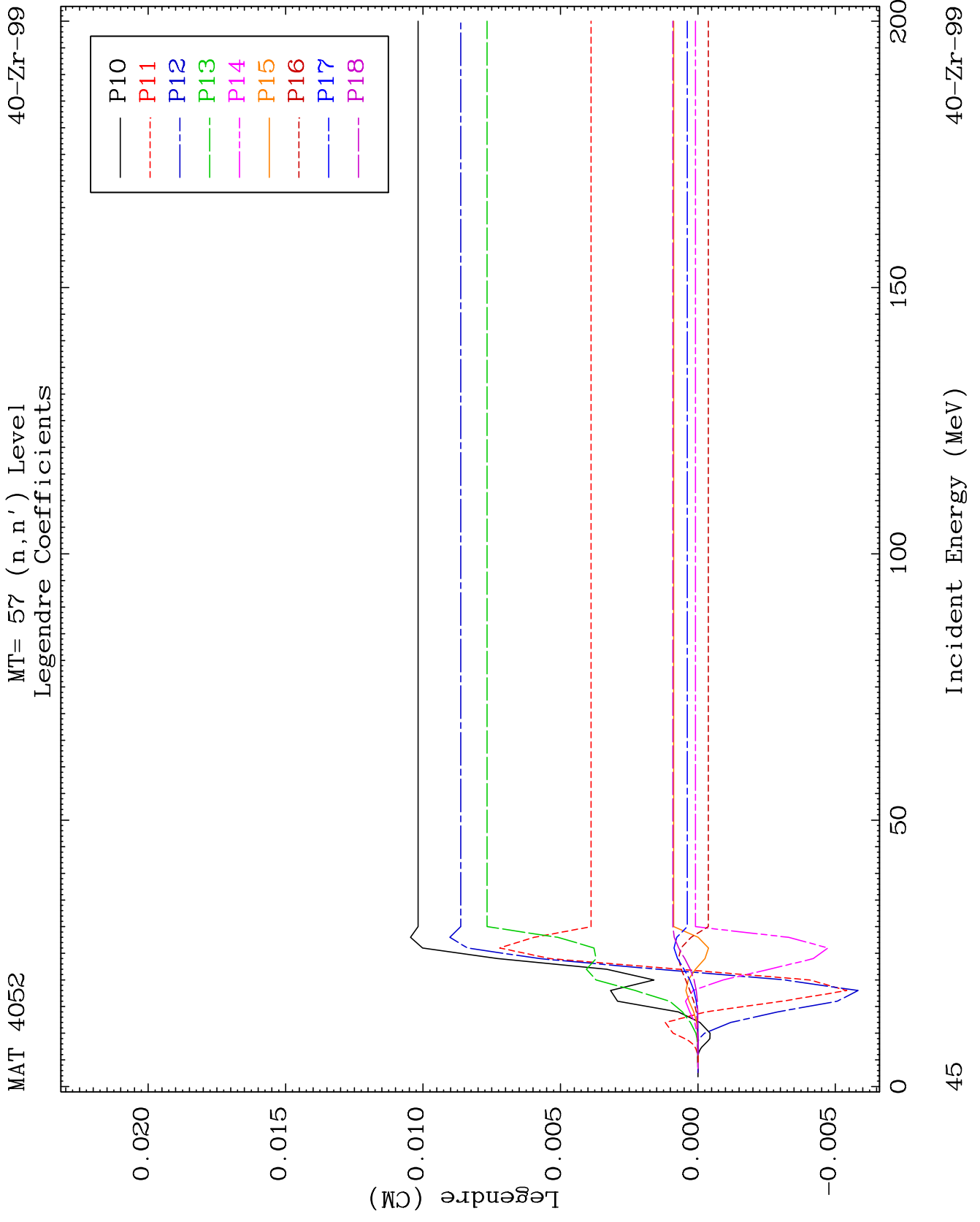
40-Zr-99



44

Incident Energy (MeV)

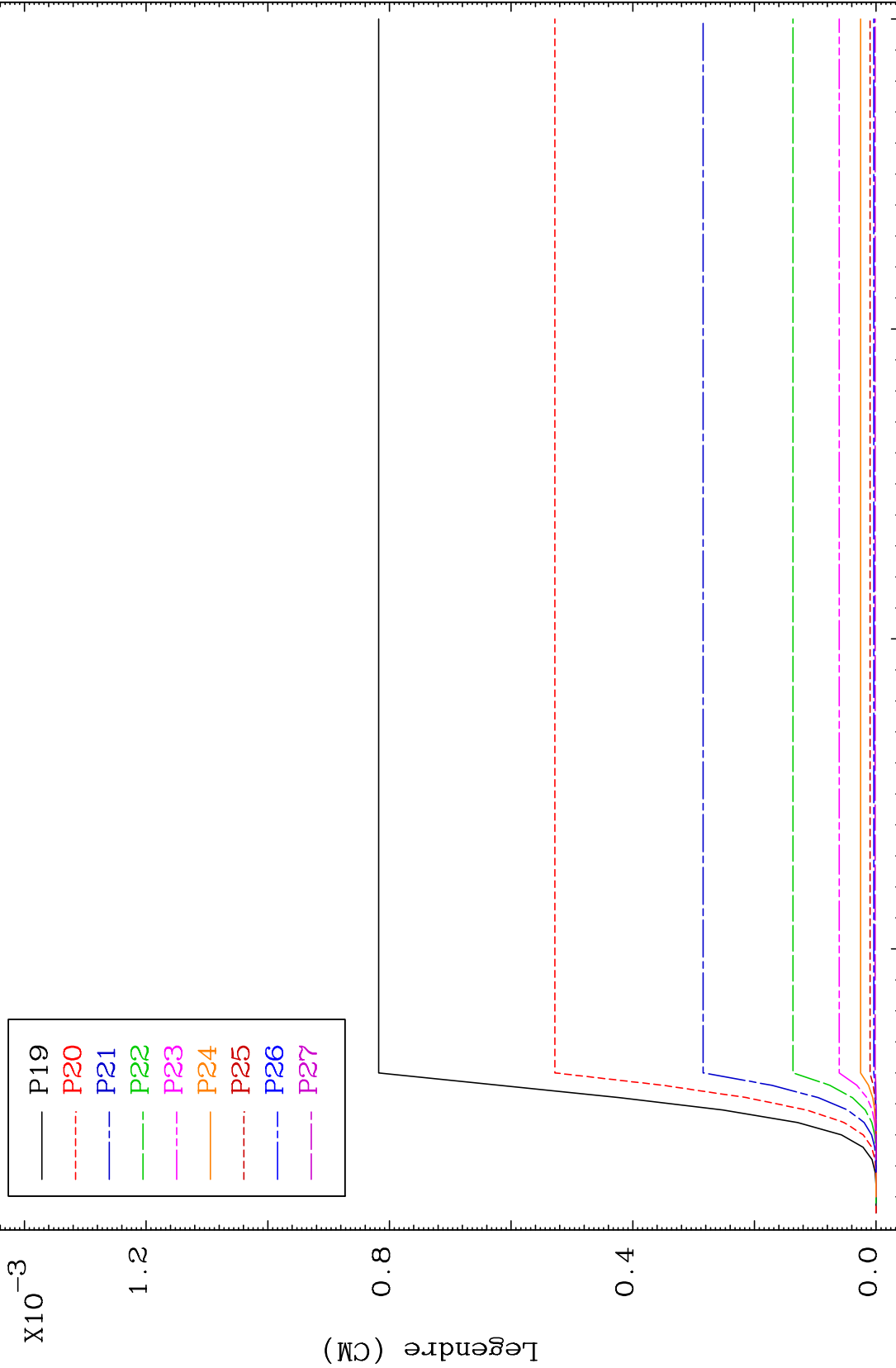
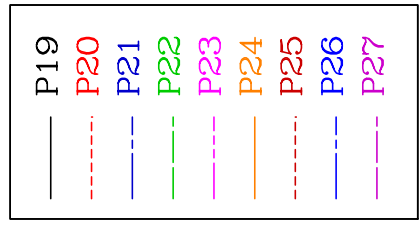
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MAT 4052

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

40-Zr-99



46

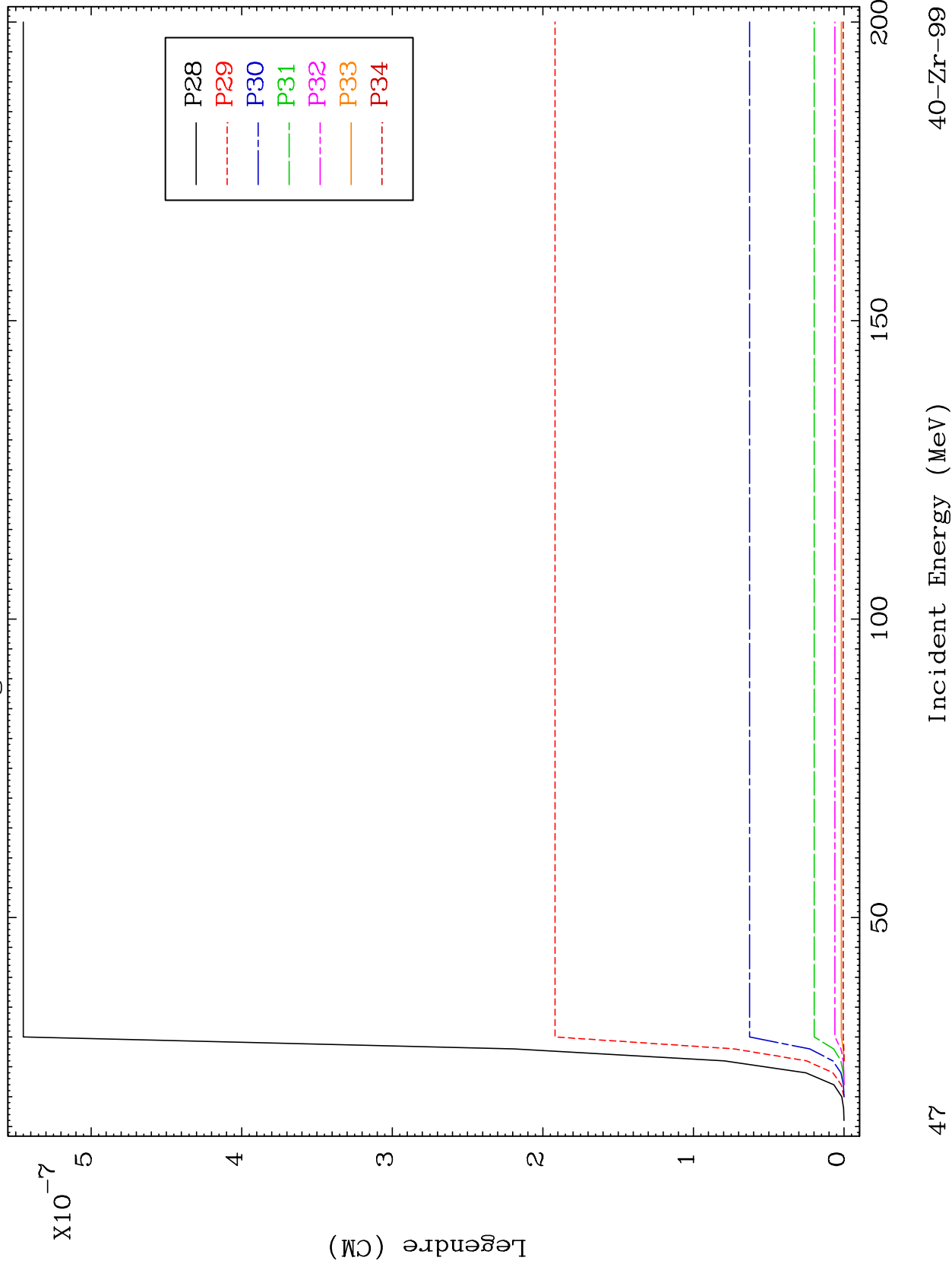
Incident Energy (MeV)

40-Zr-99

MAT 4052

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

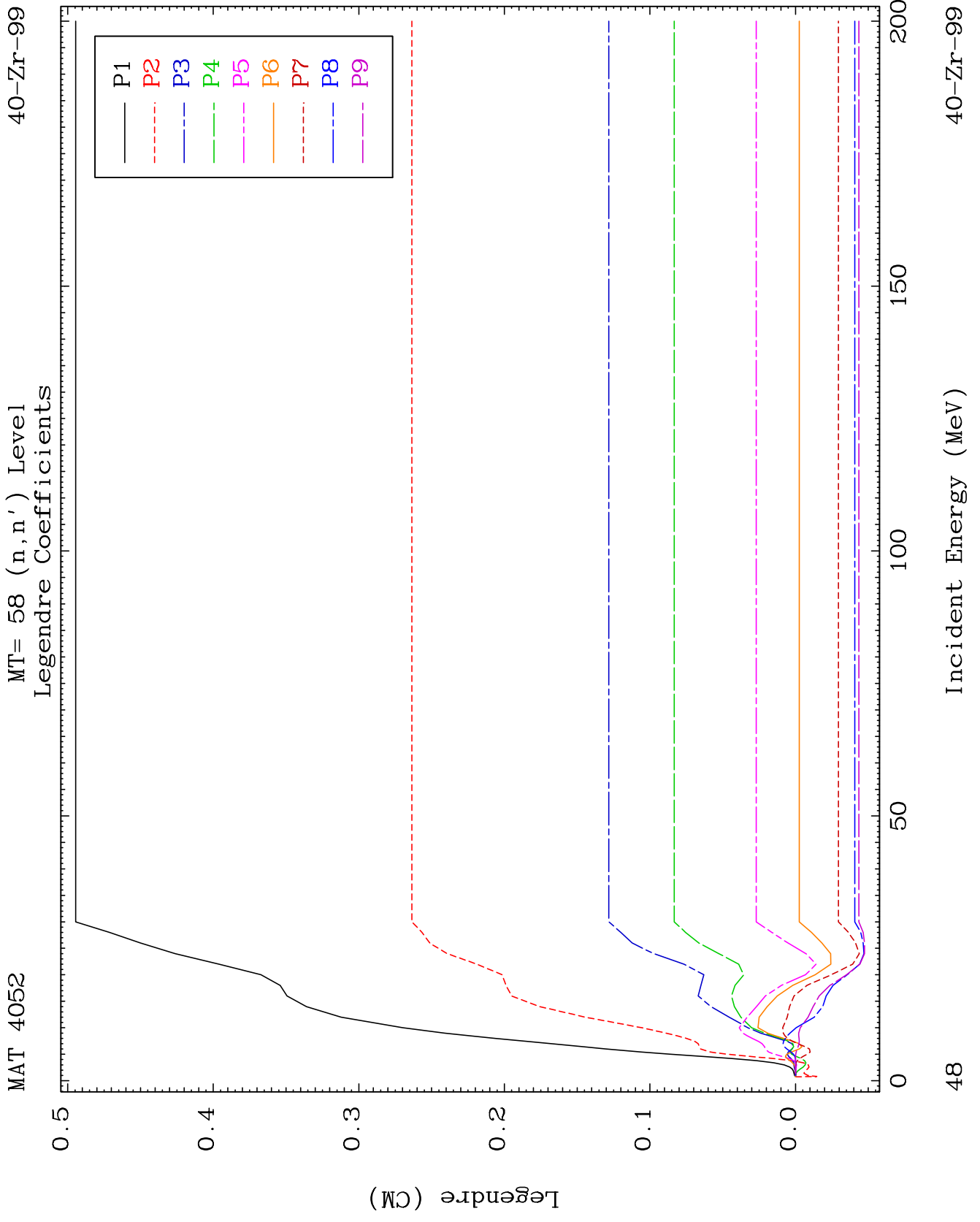
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47

Incident Energy (MeV)

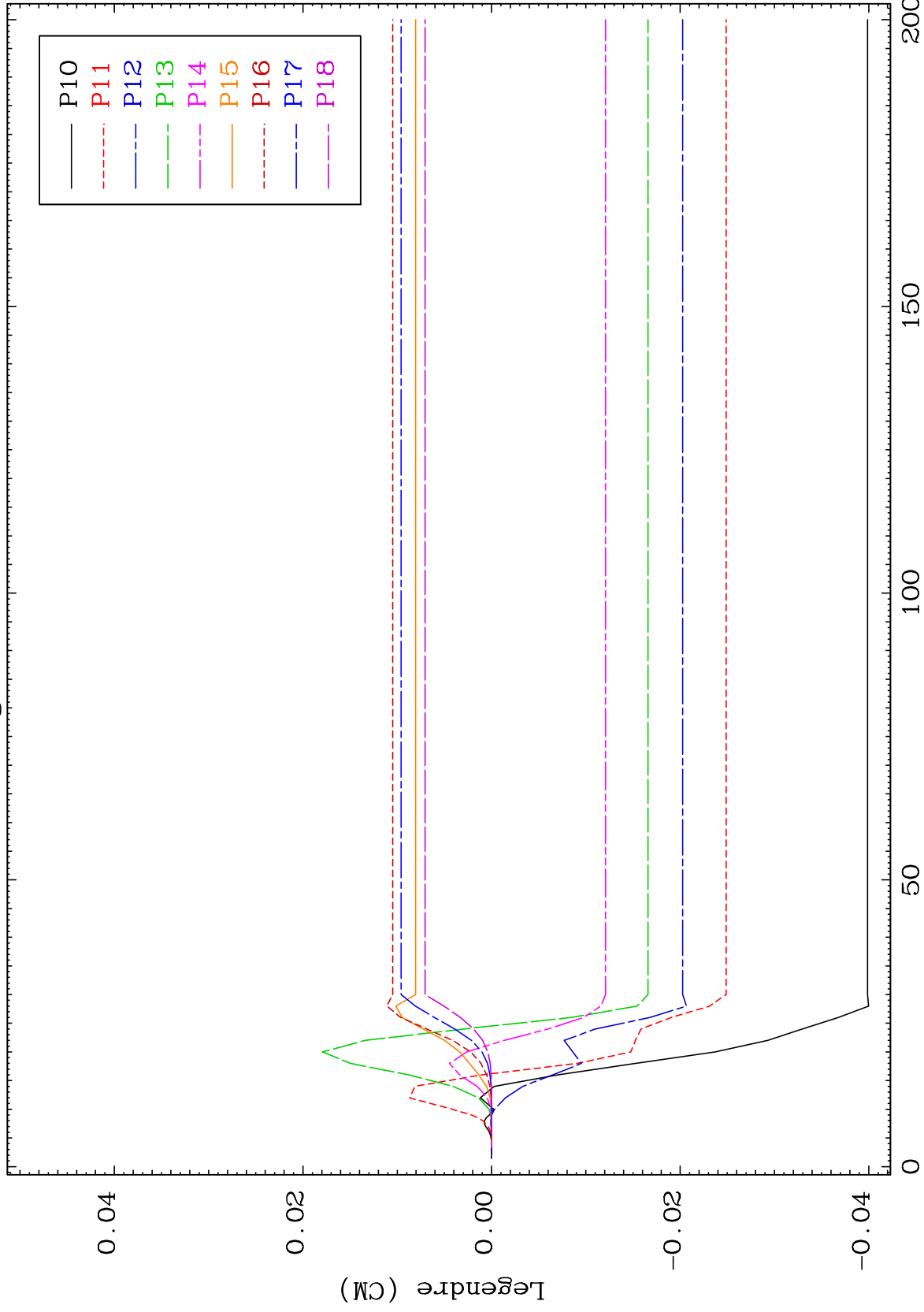
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MAT 4052

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

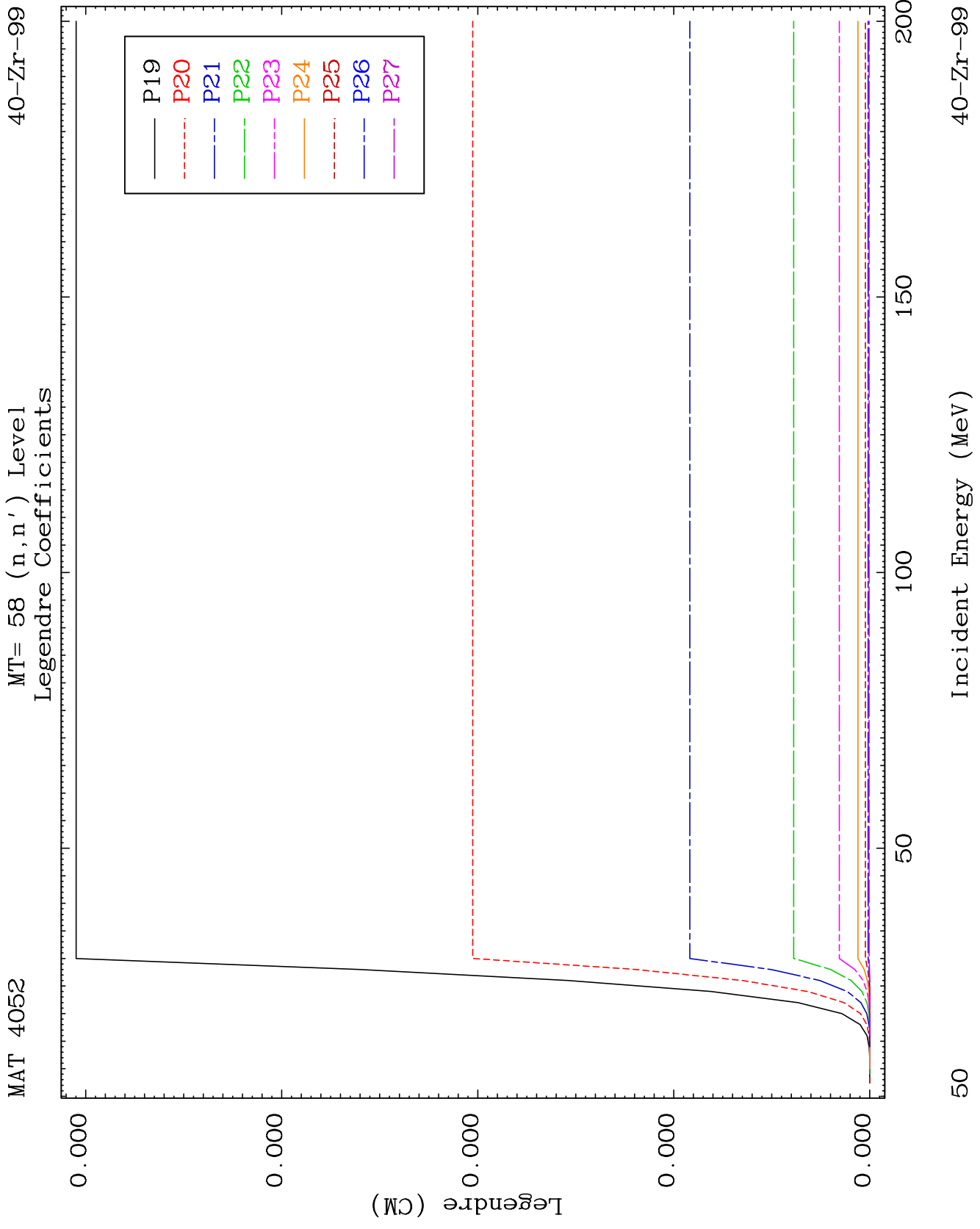
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49

Incident Energy (MeV)

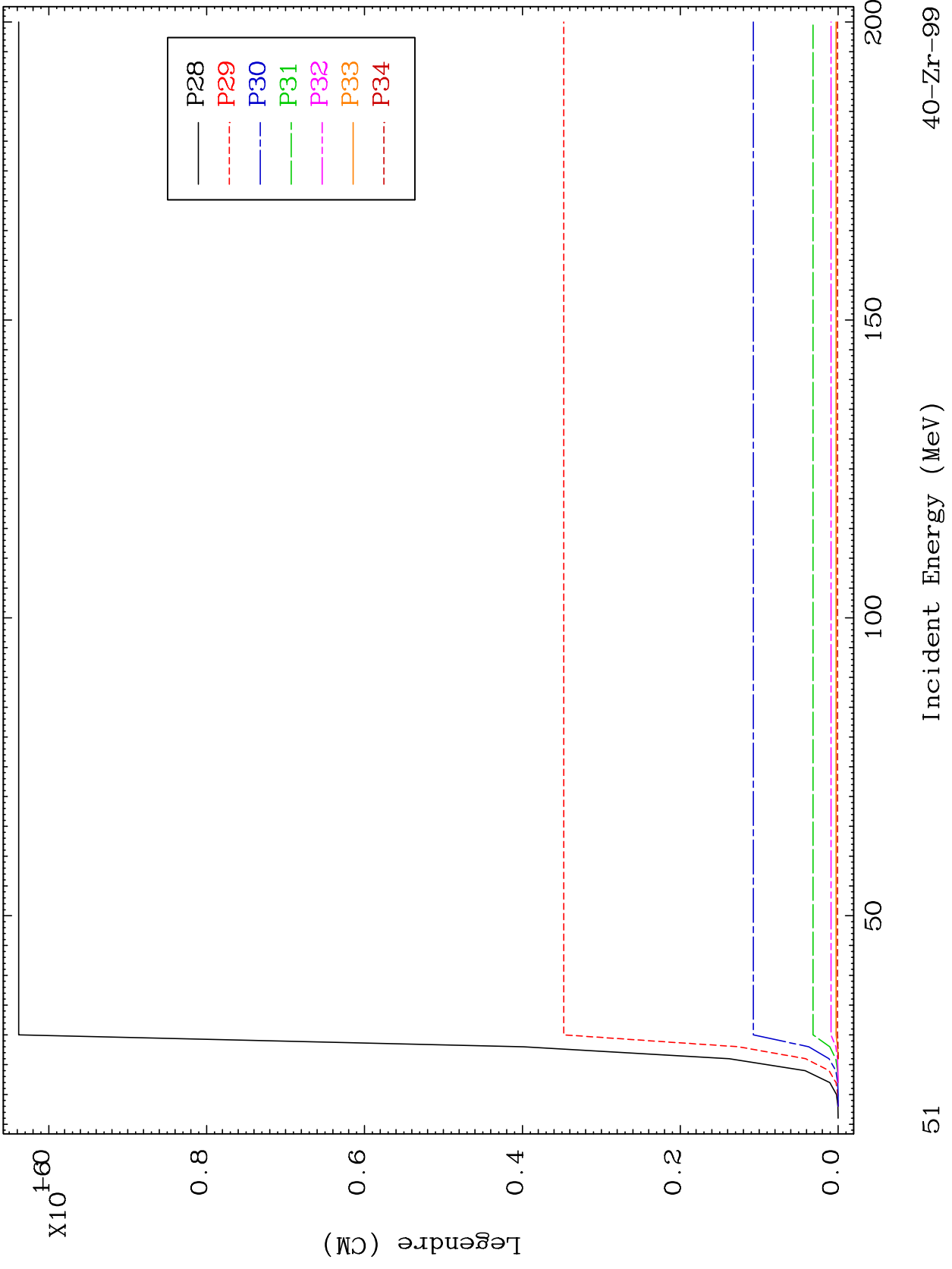
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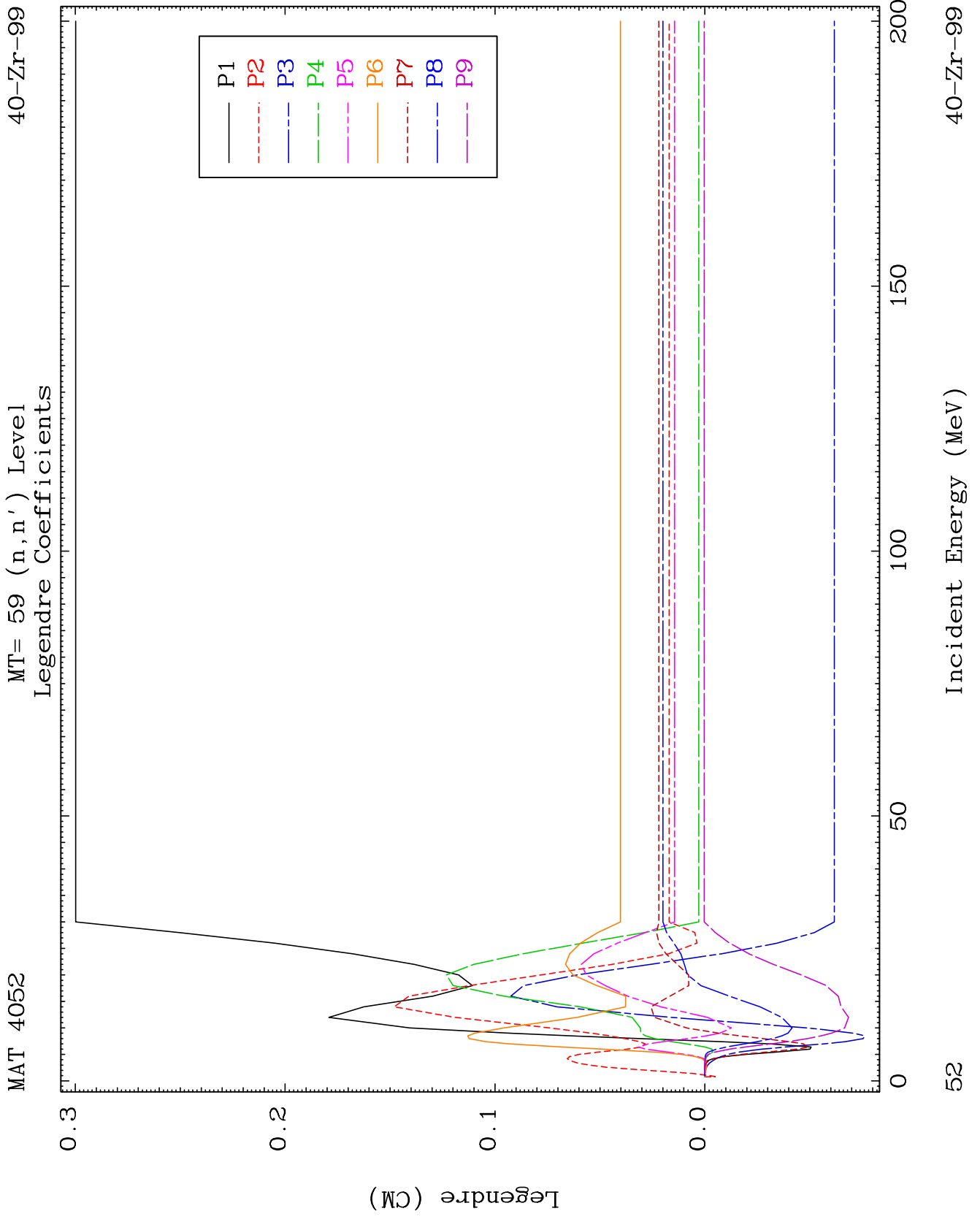


MAT 4052

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

40-Zr-99

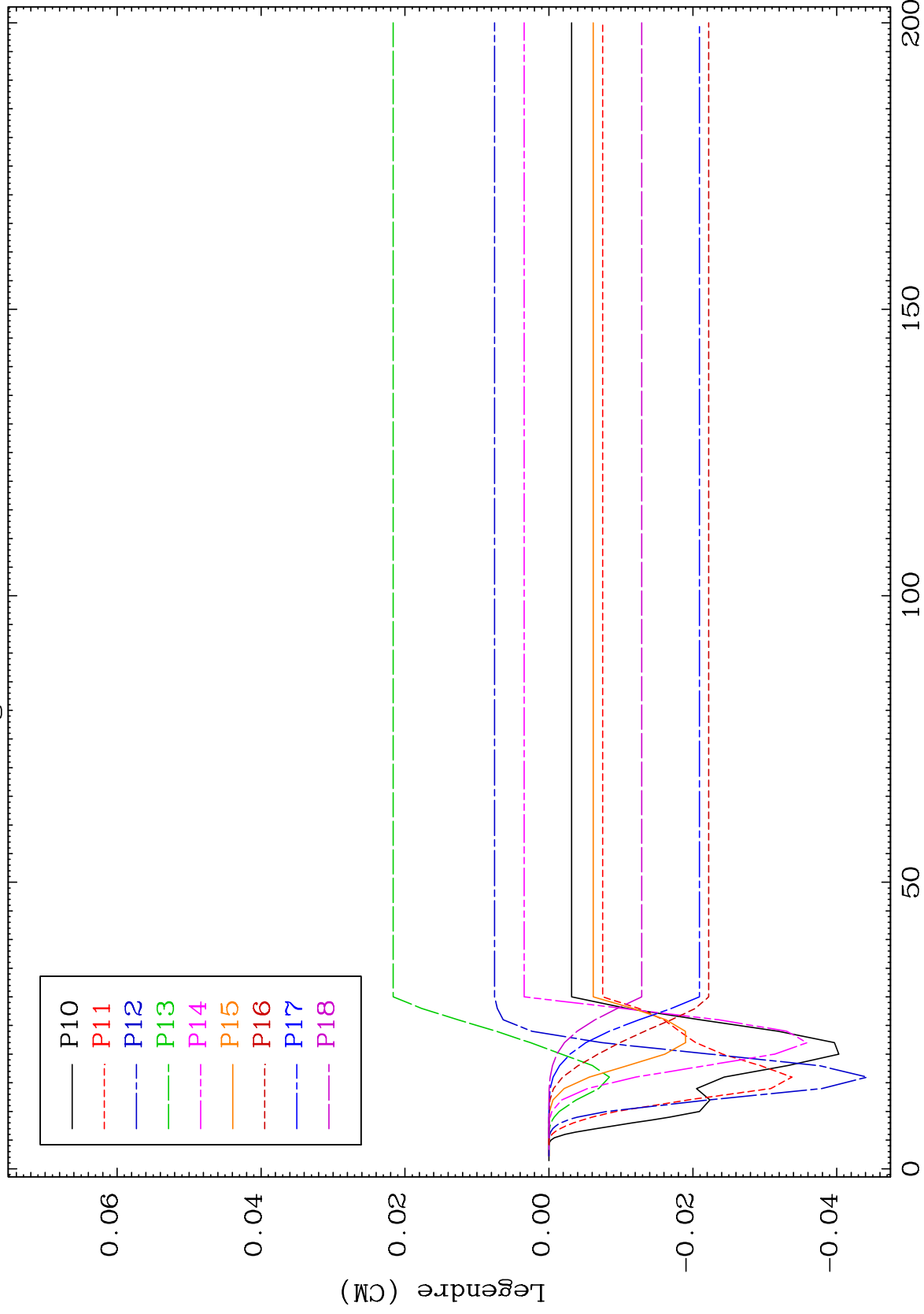




MAT 4052

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

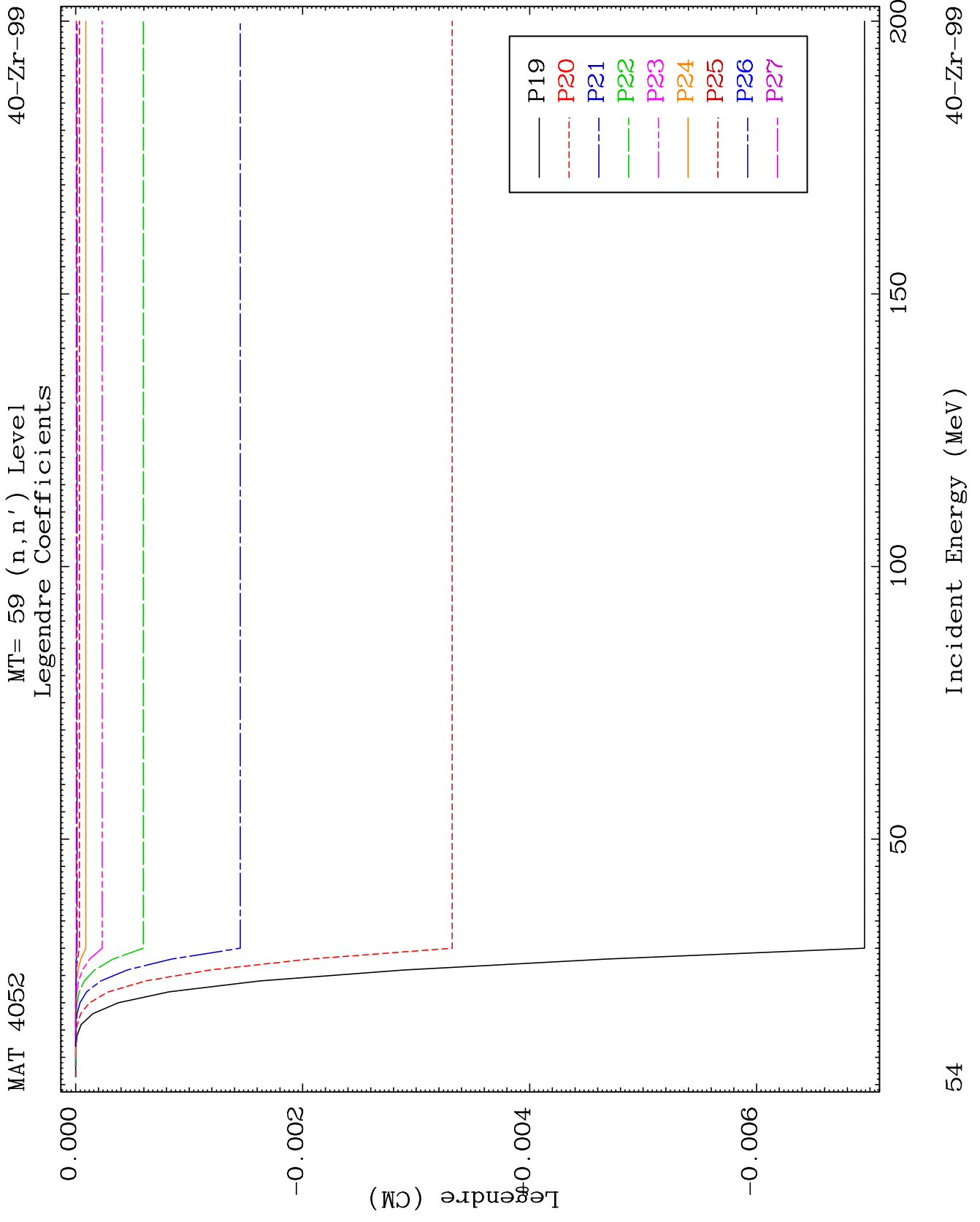
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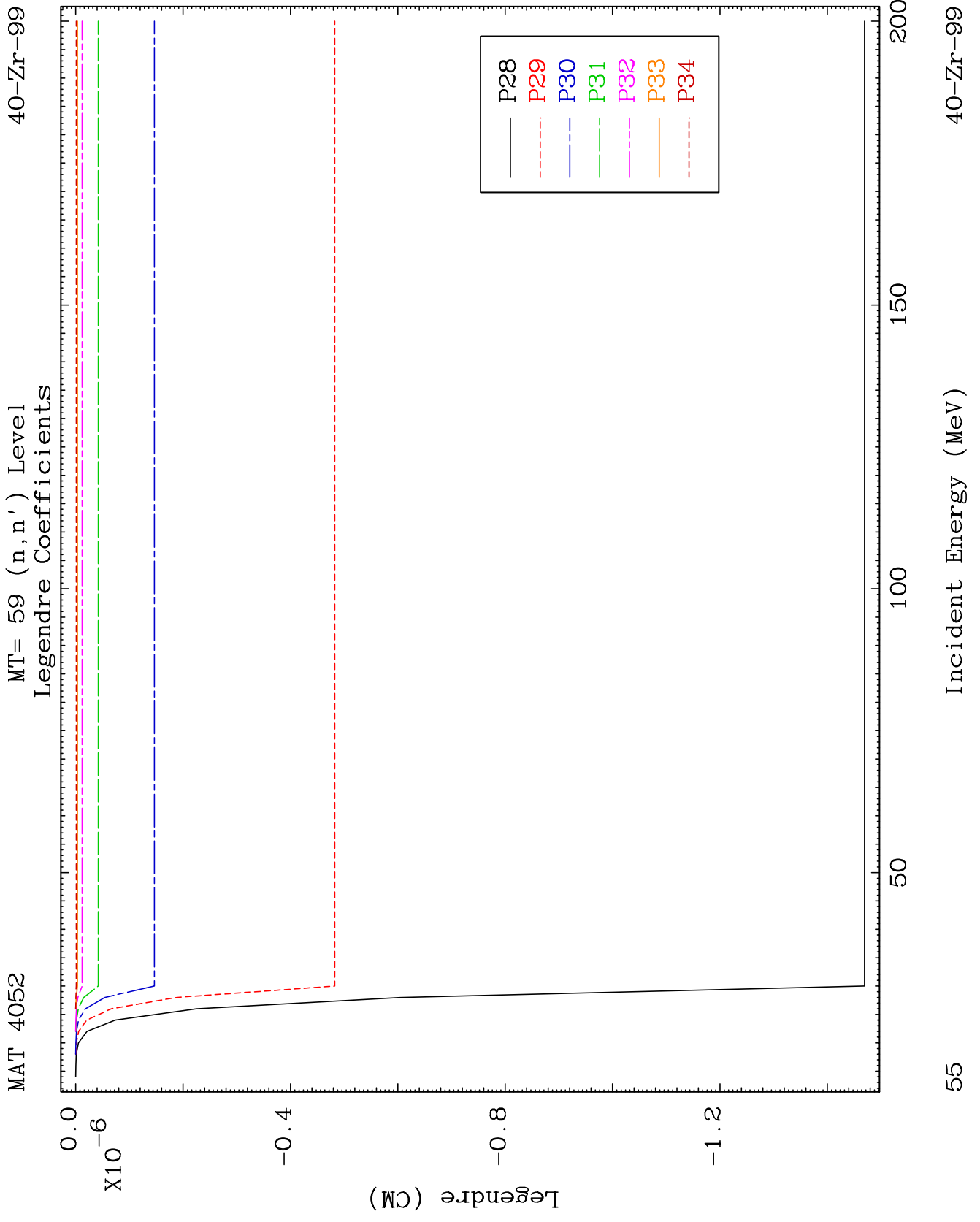


53

Incident Energy (MeV)

40-Zr-99

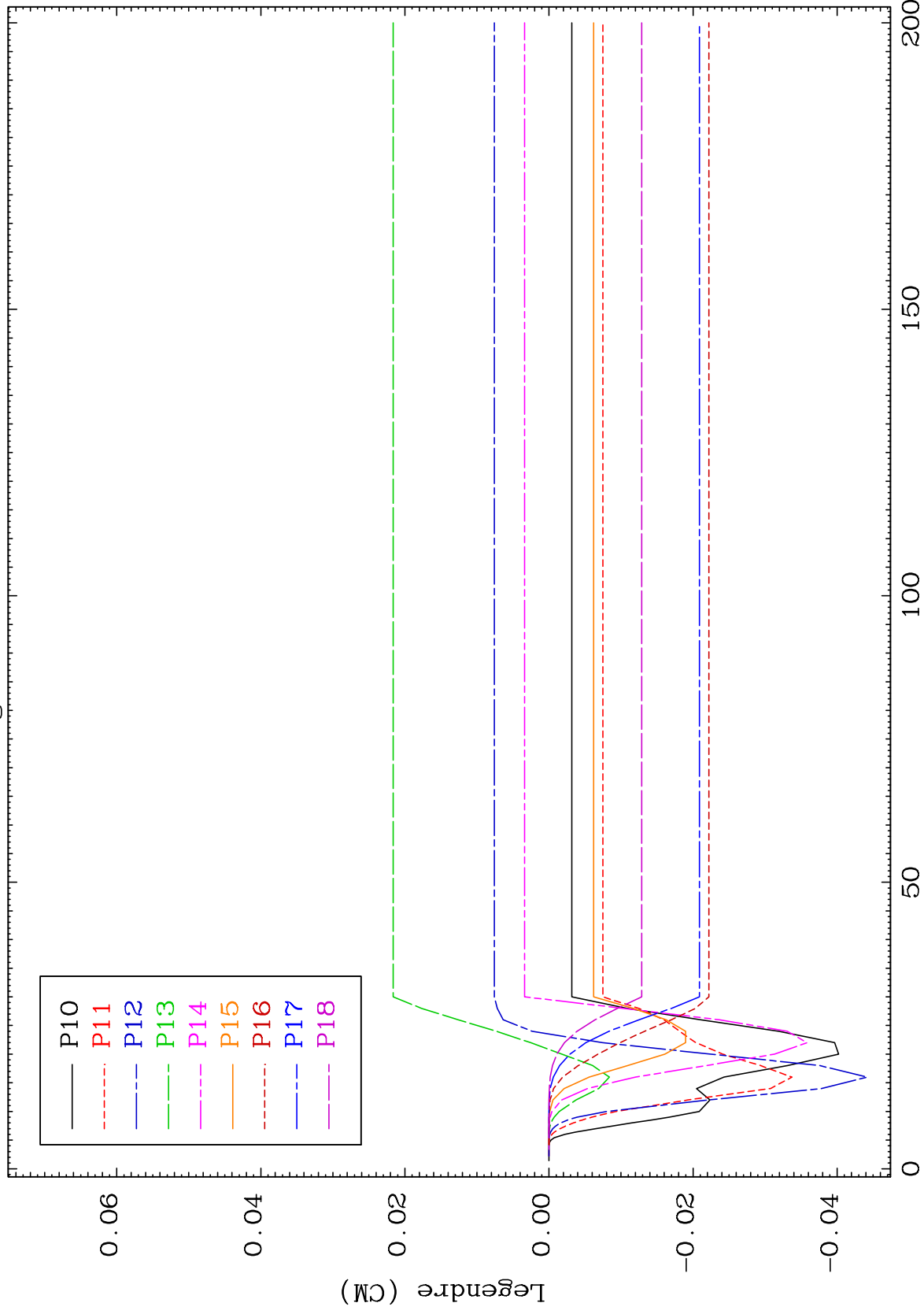




MAT 4052

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

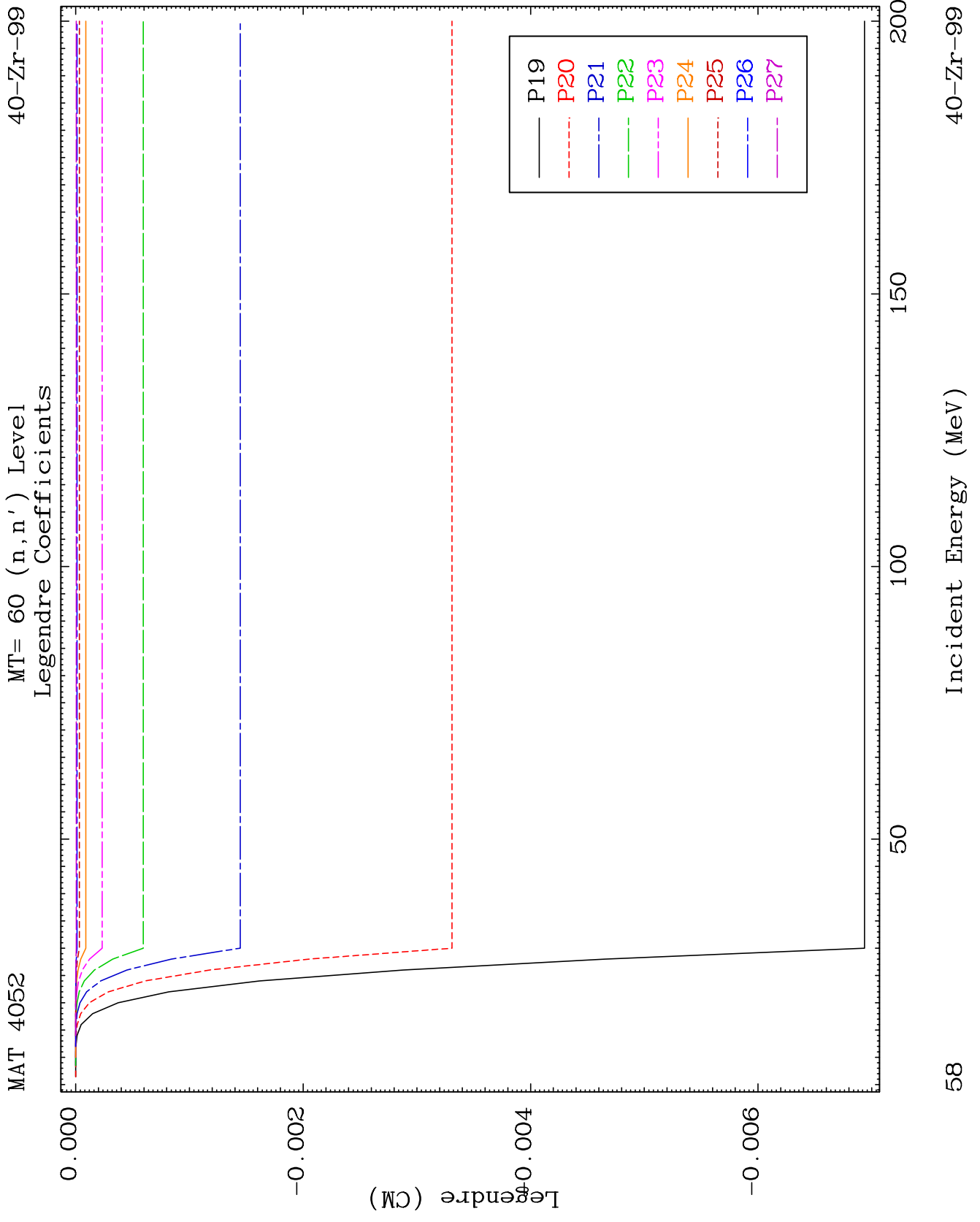
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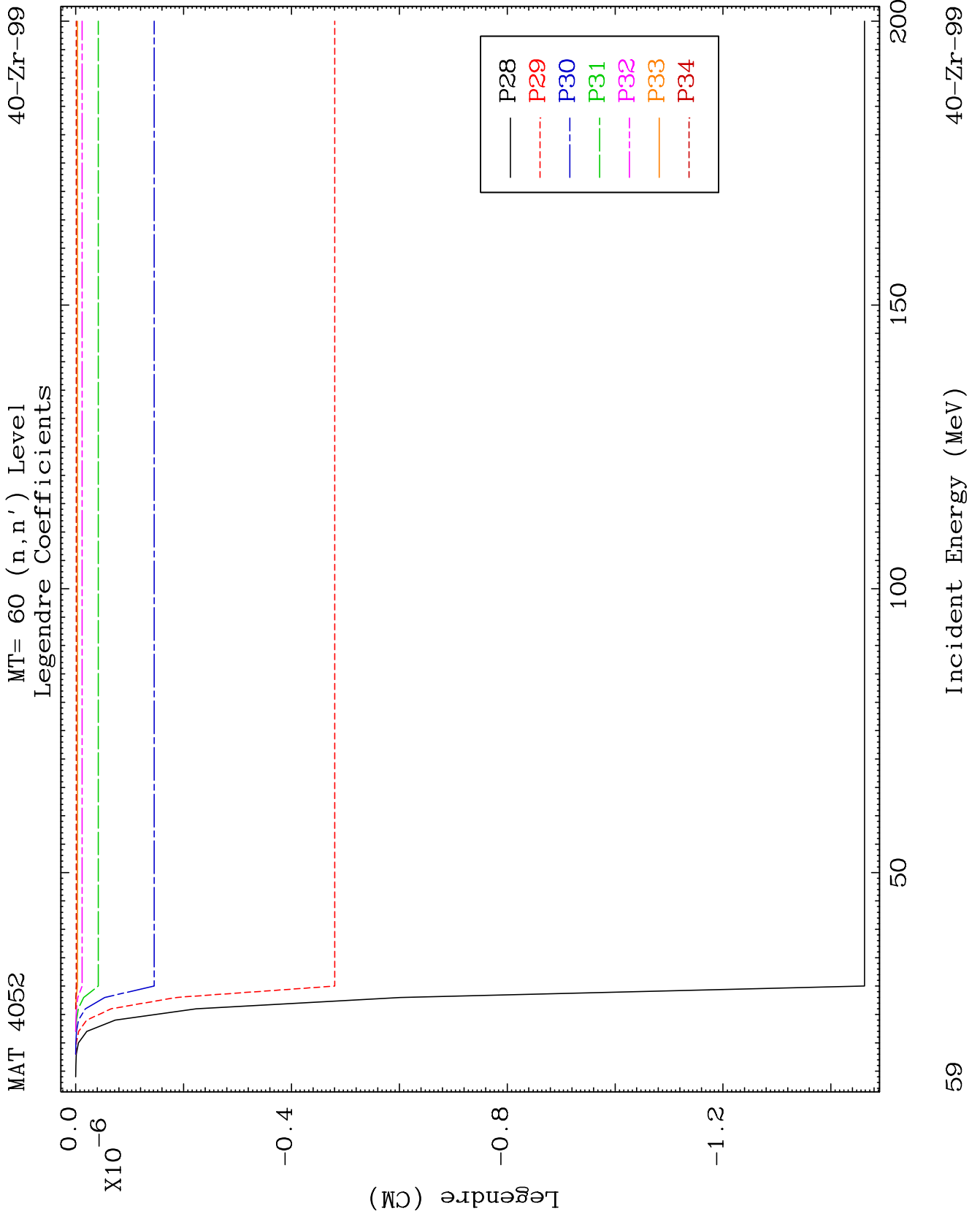


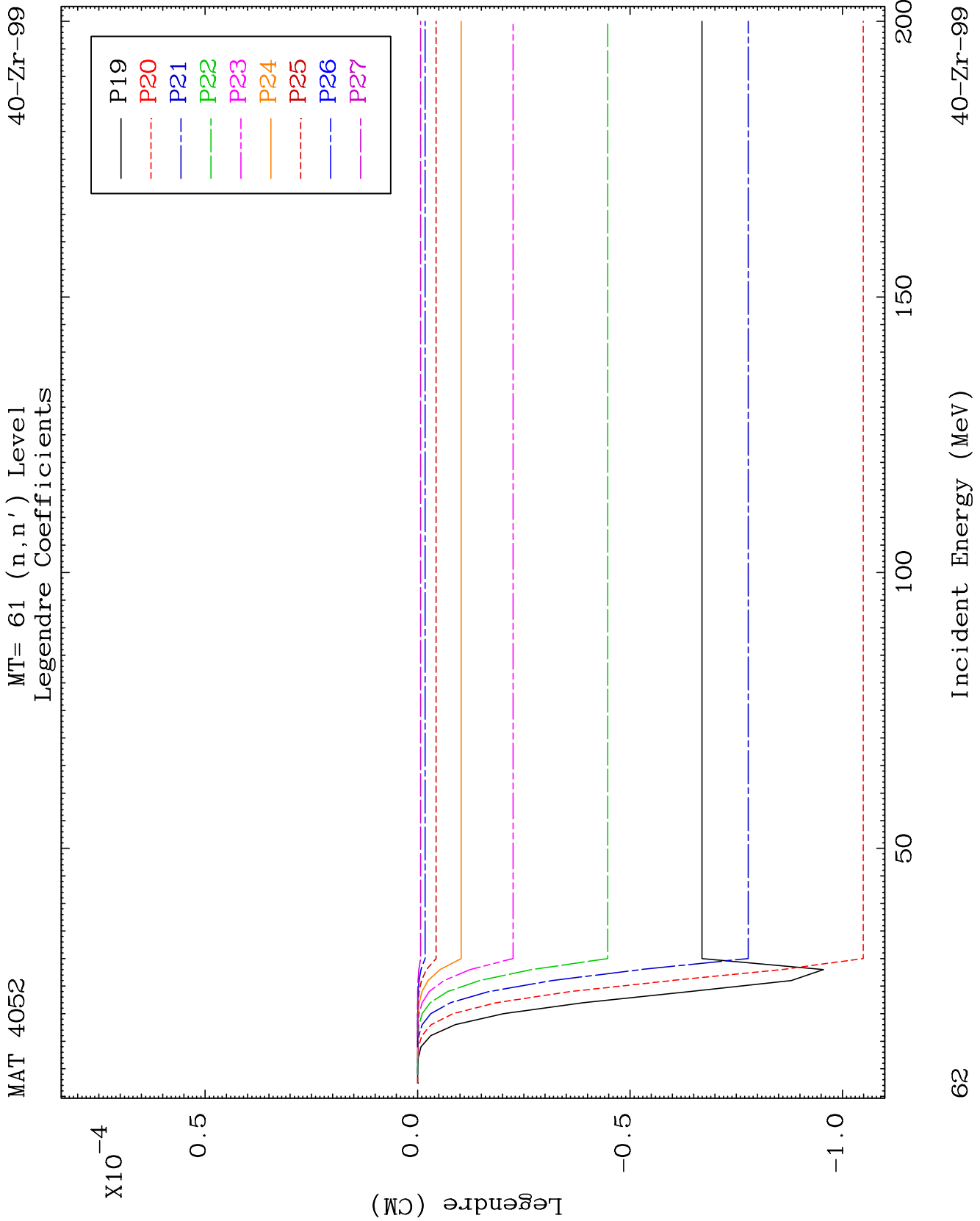
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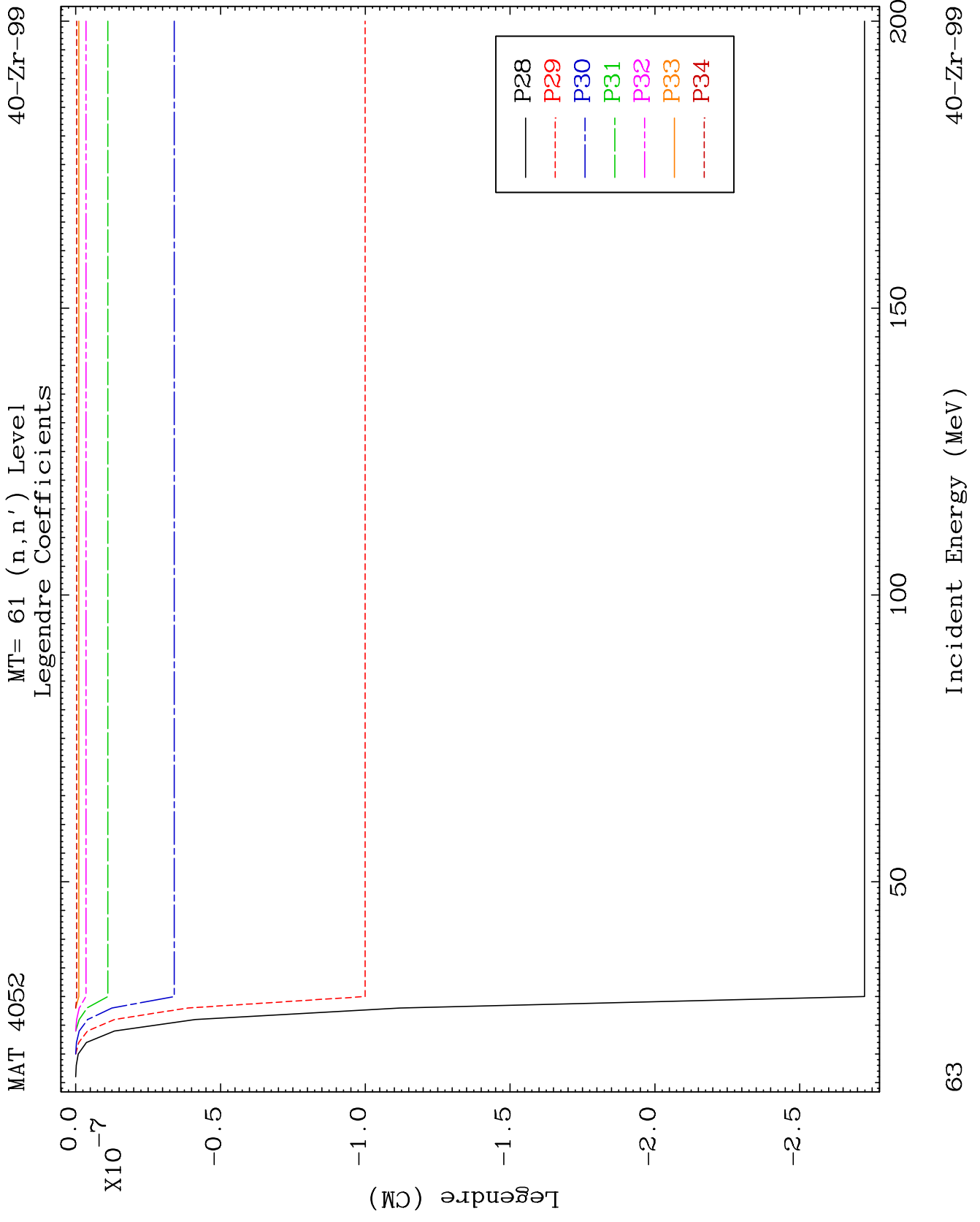
Incident Energy (MeV)

40-Zr-99





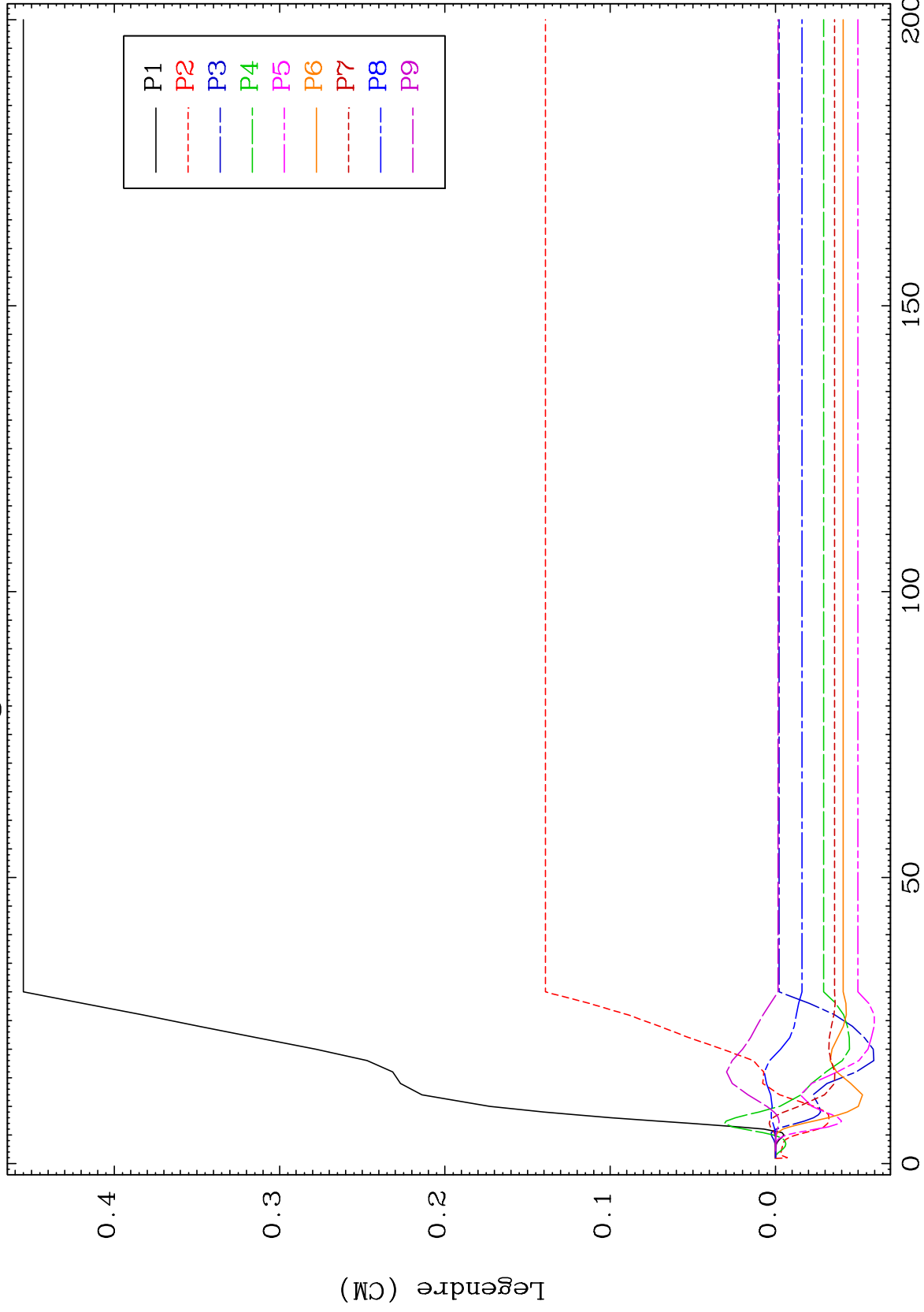




MAT 4052

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

40-Zr-99



40-Zr-99

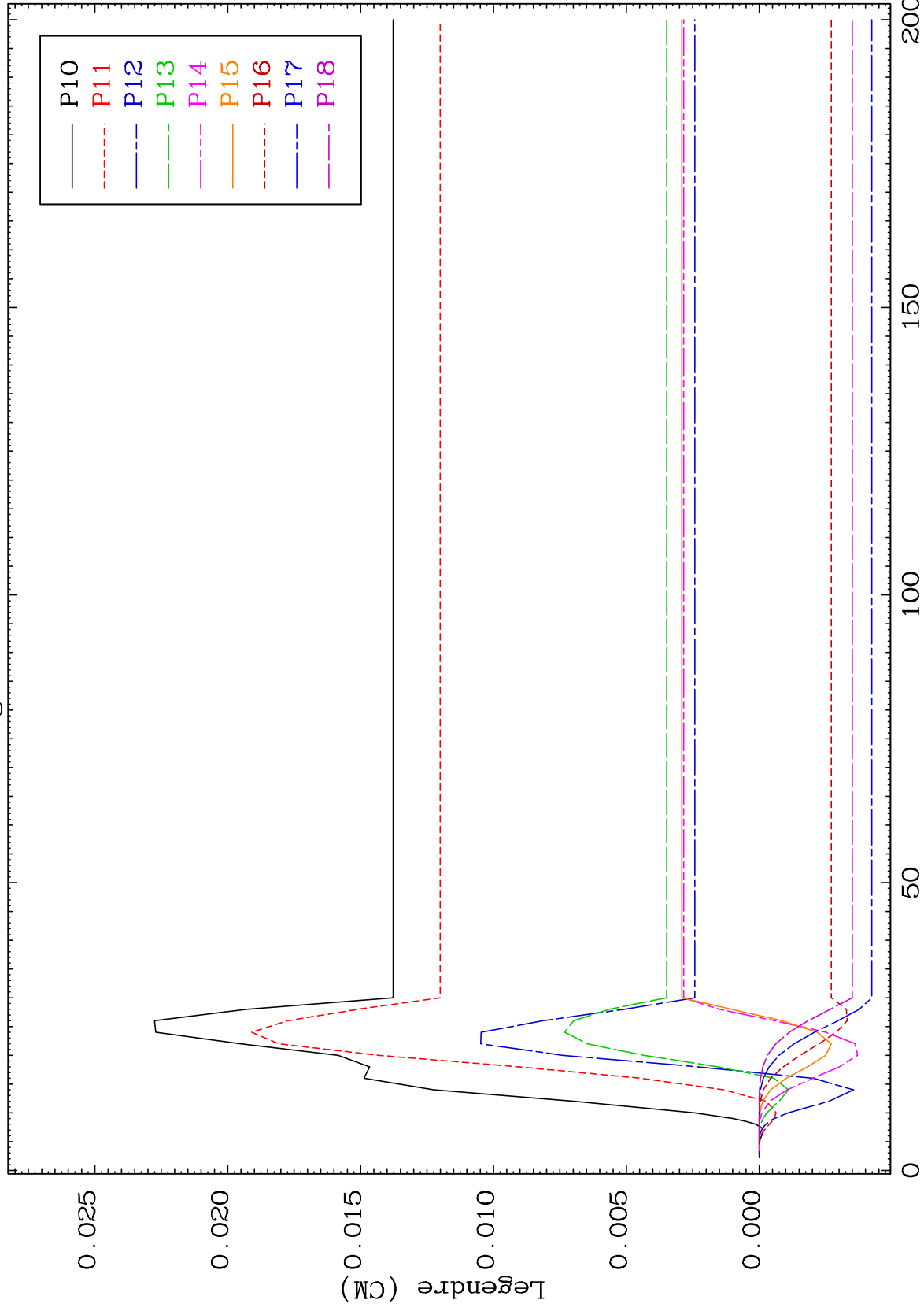
Incident Energy (MeV)

64

MAT 4052

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

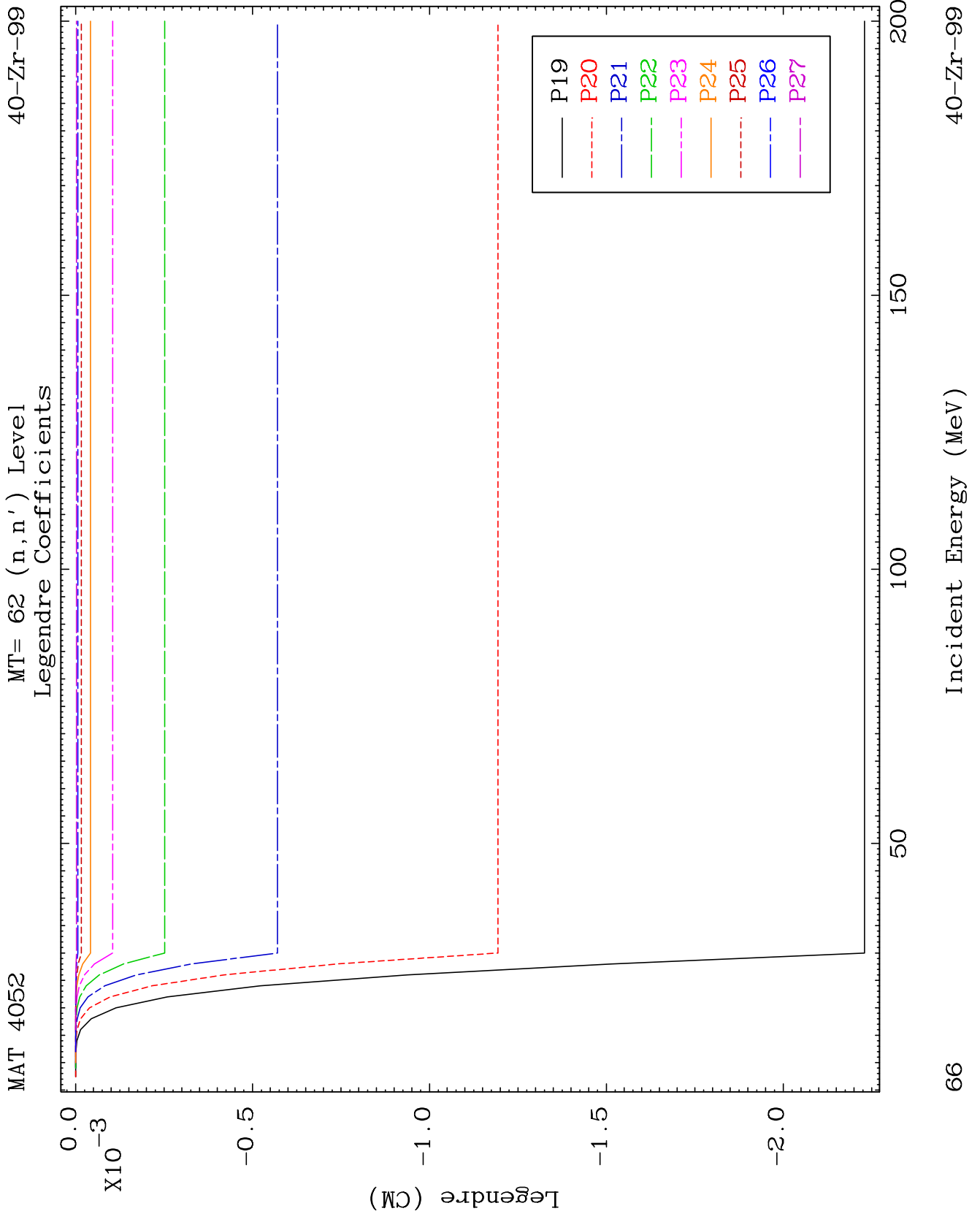
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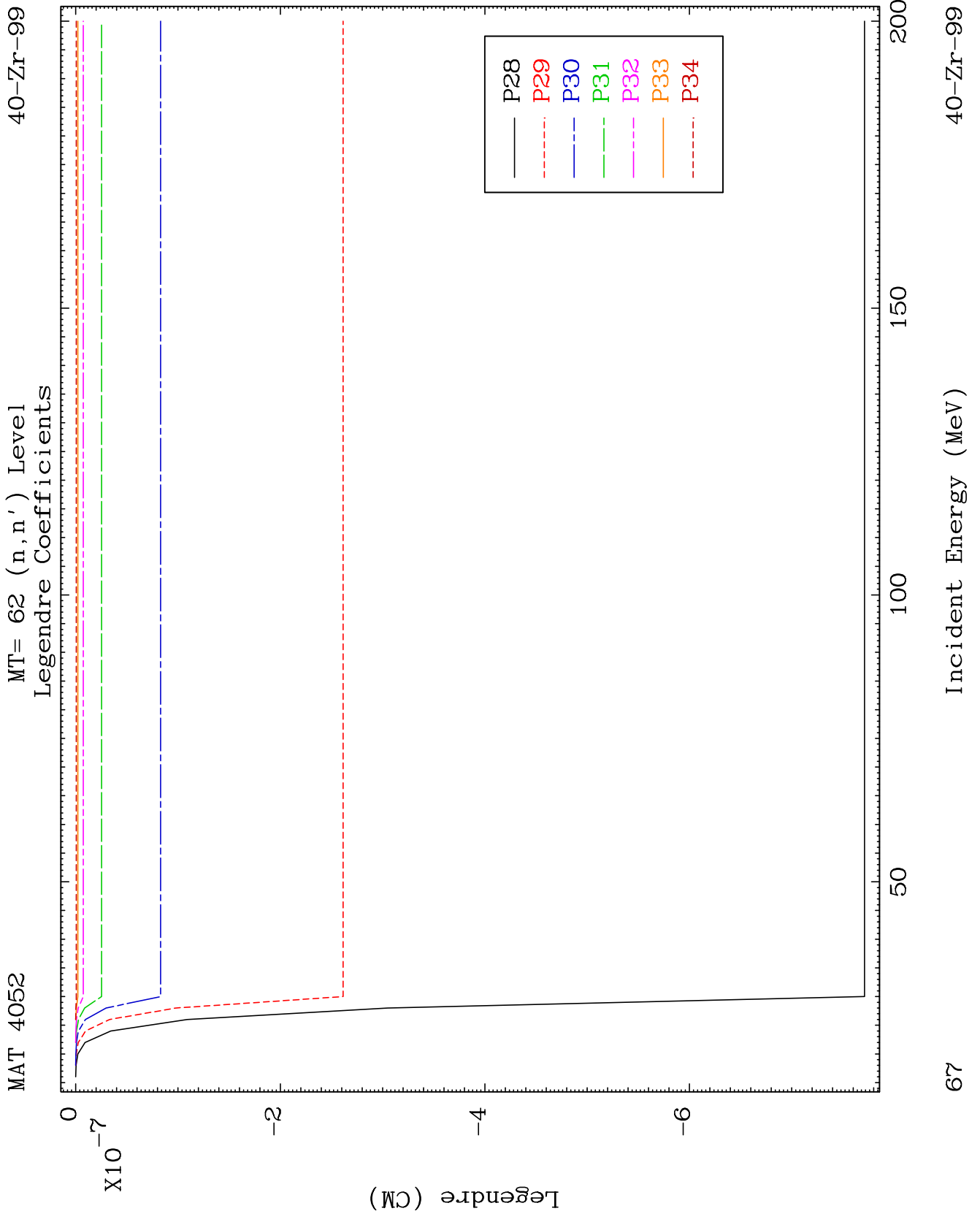


40-Zr-99

Incident Energy (MeV)

65

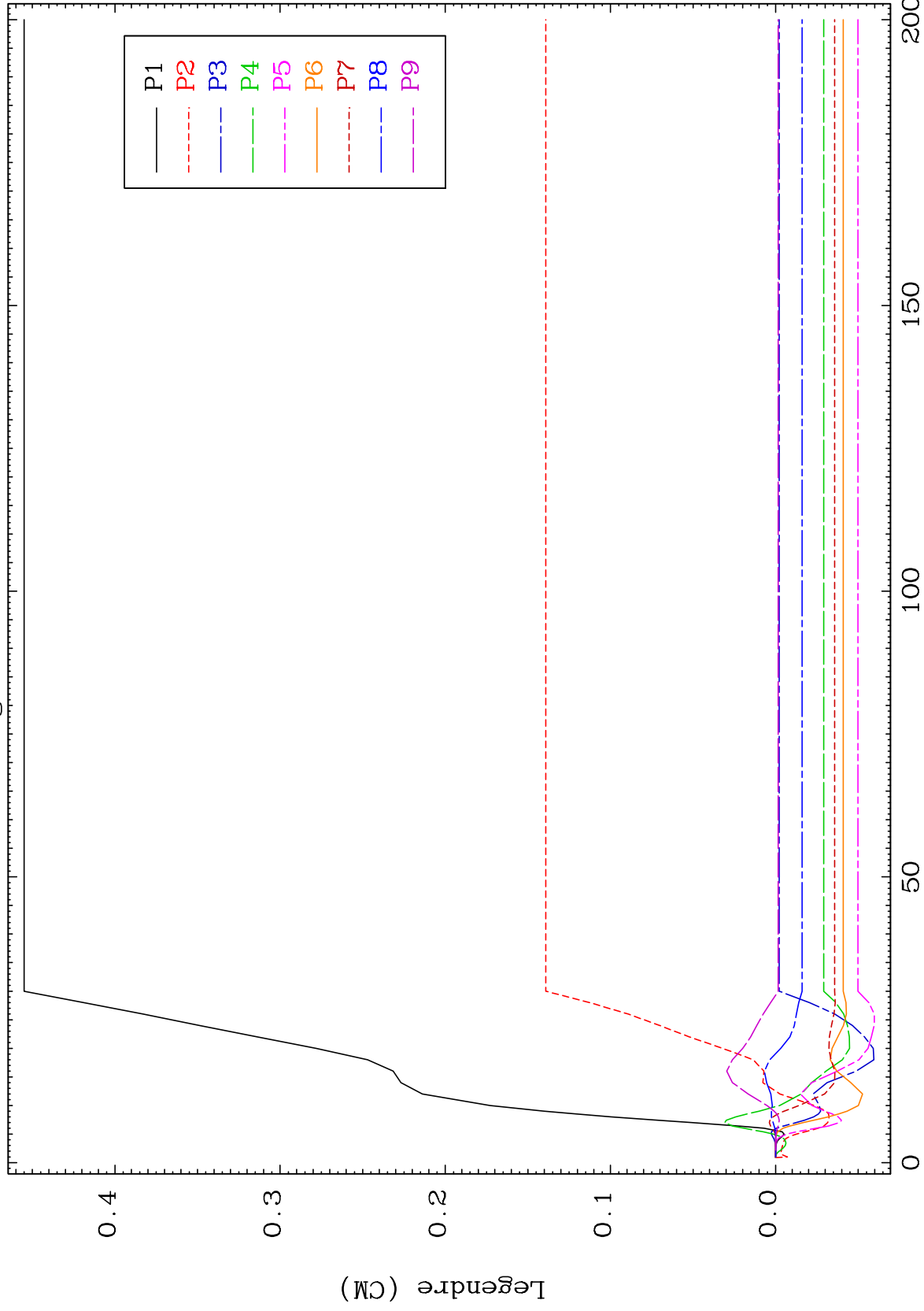




MAT 4052

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

40-Zr-99



40-Zr-99

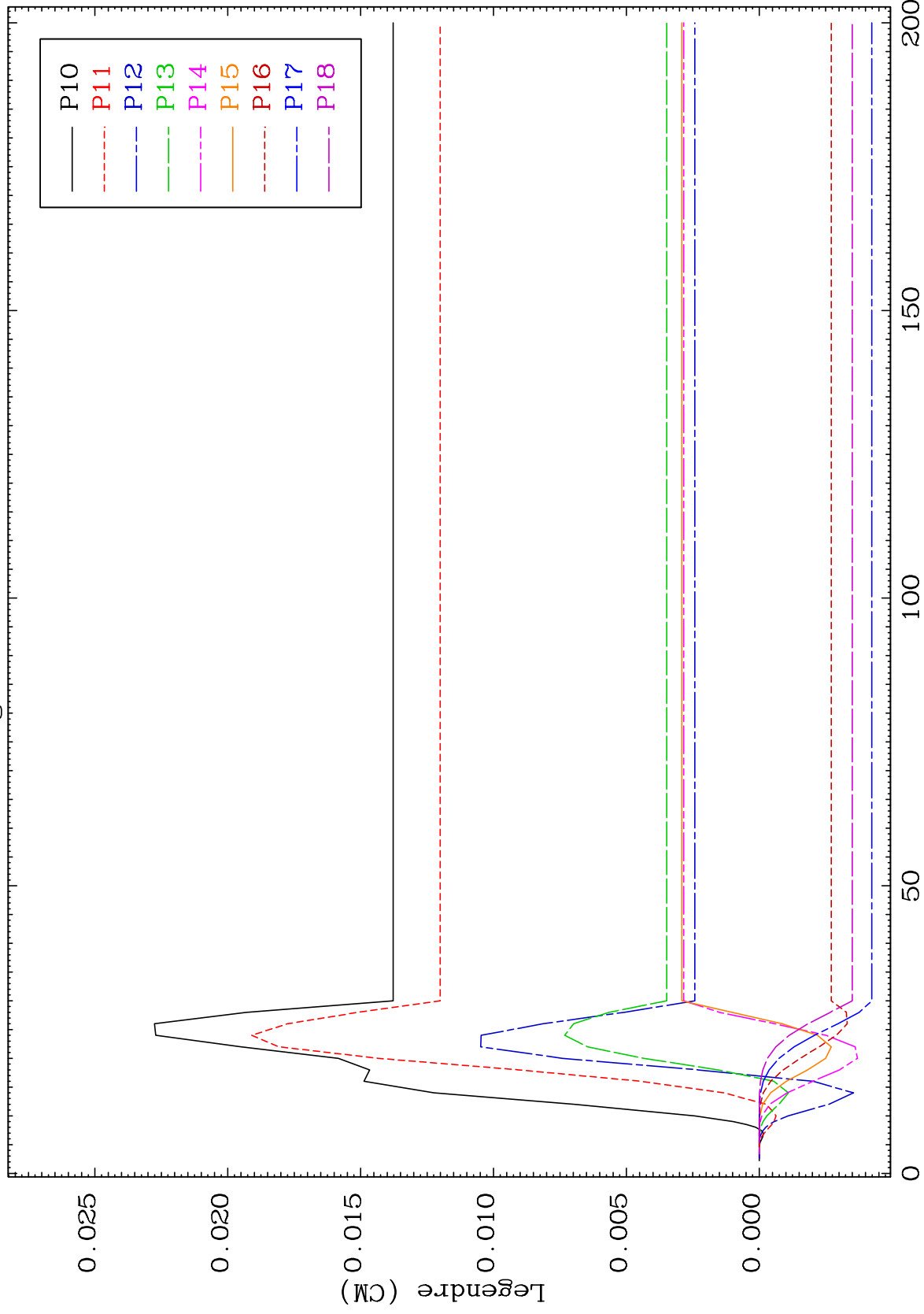
Incident Energy (MeV)

68

MAT 4052

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

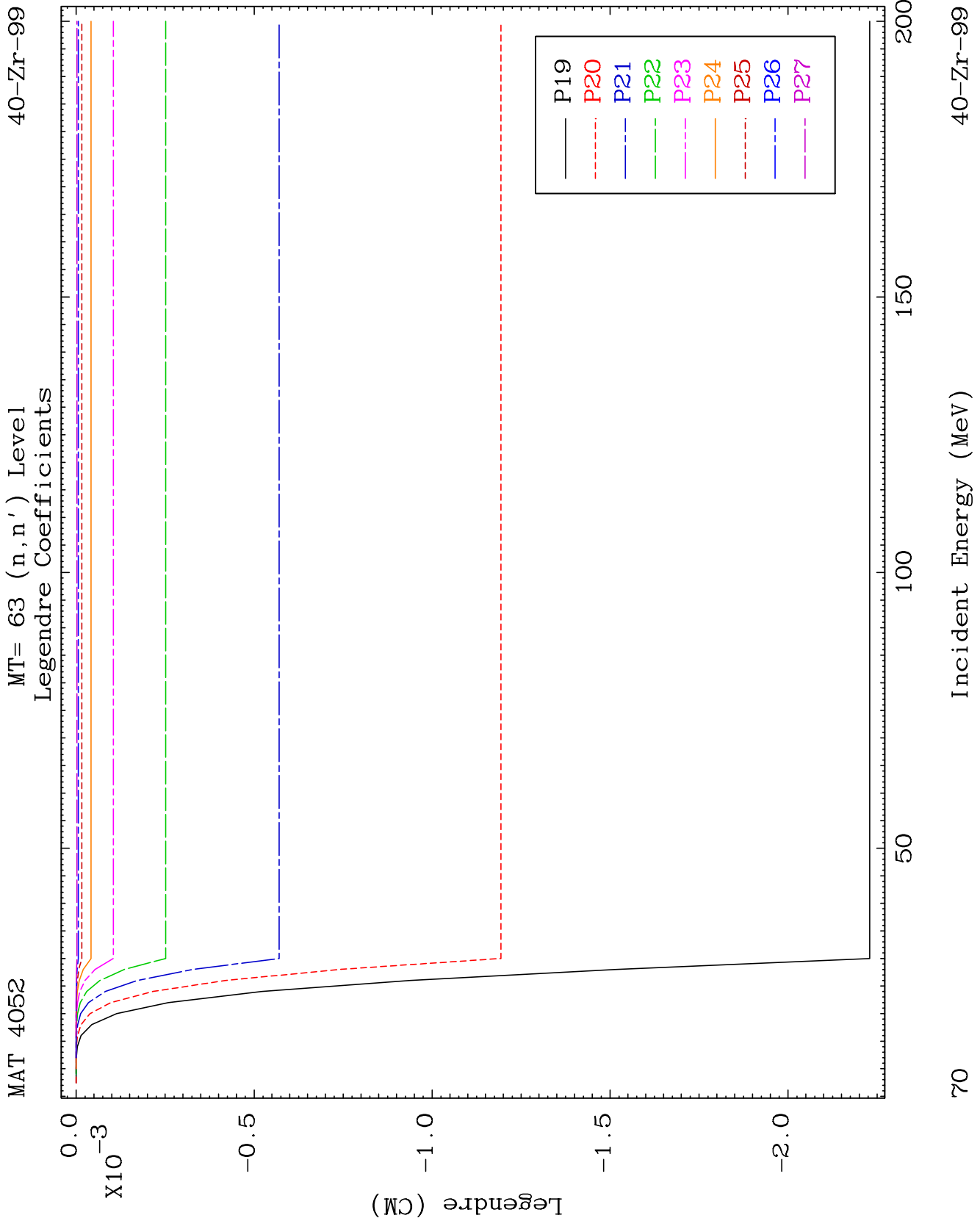
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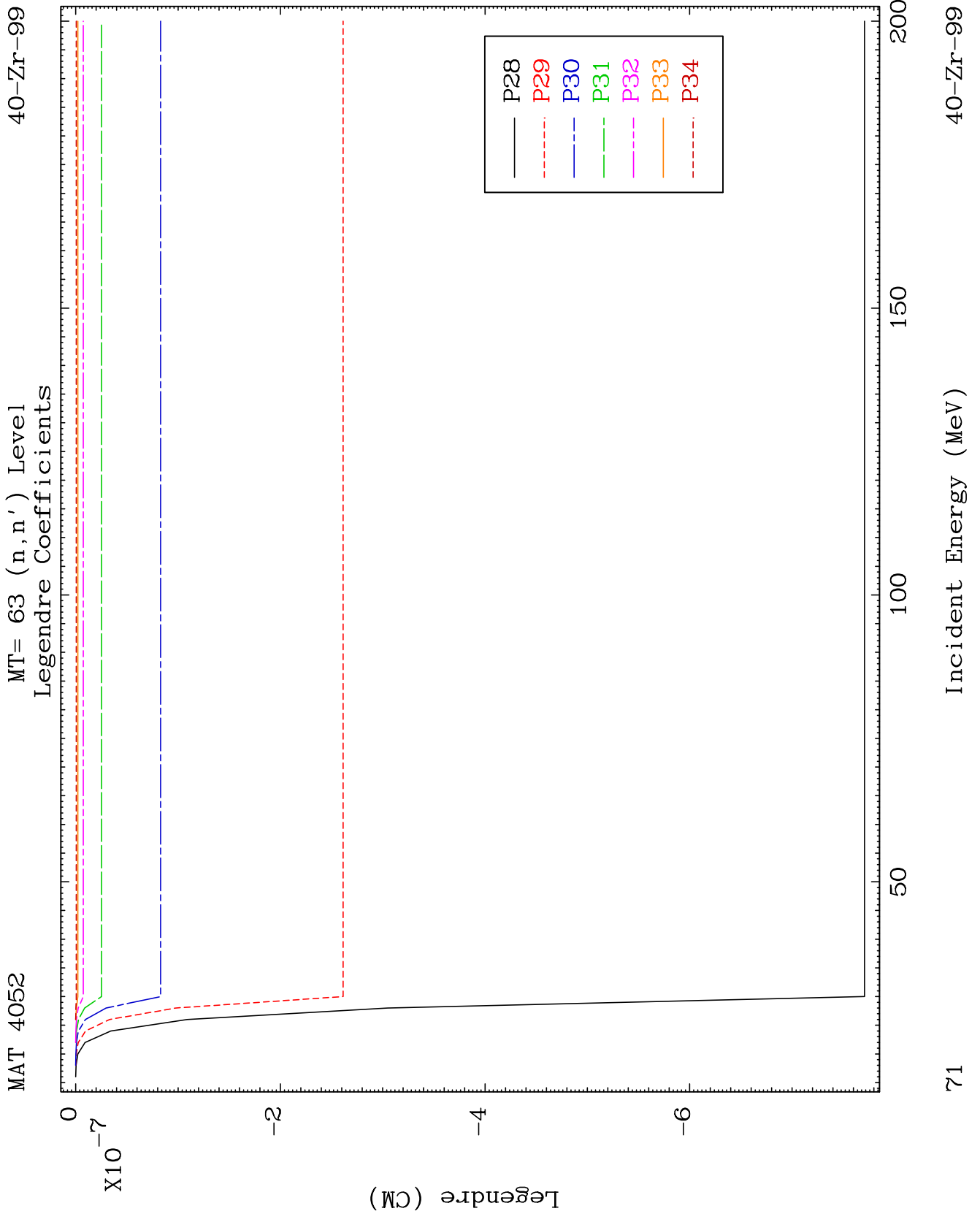


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Incident Energy (MeV)

40-Zr-99

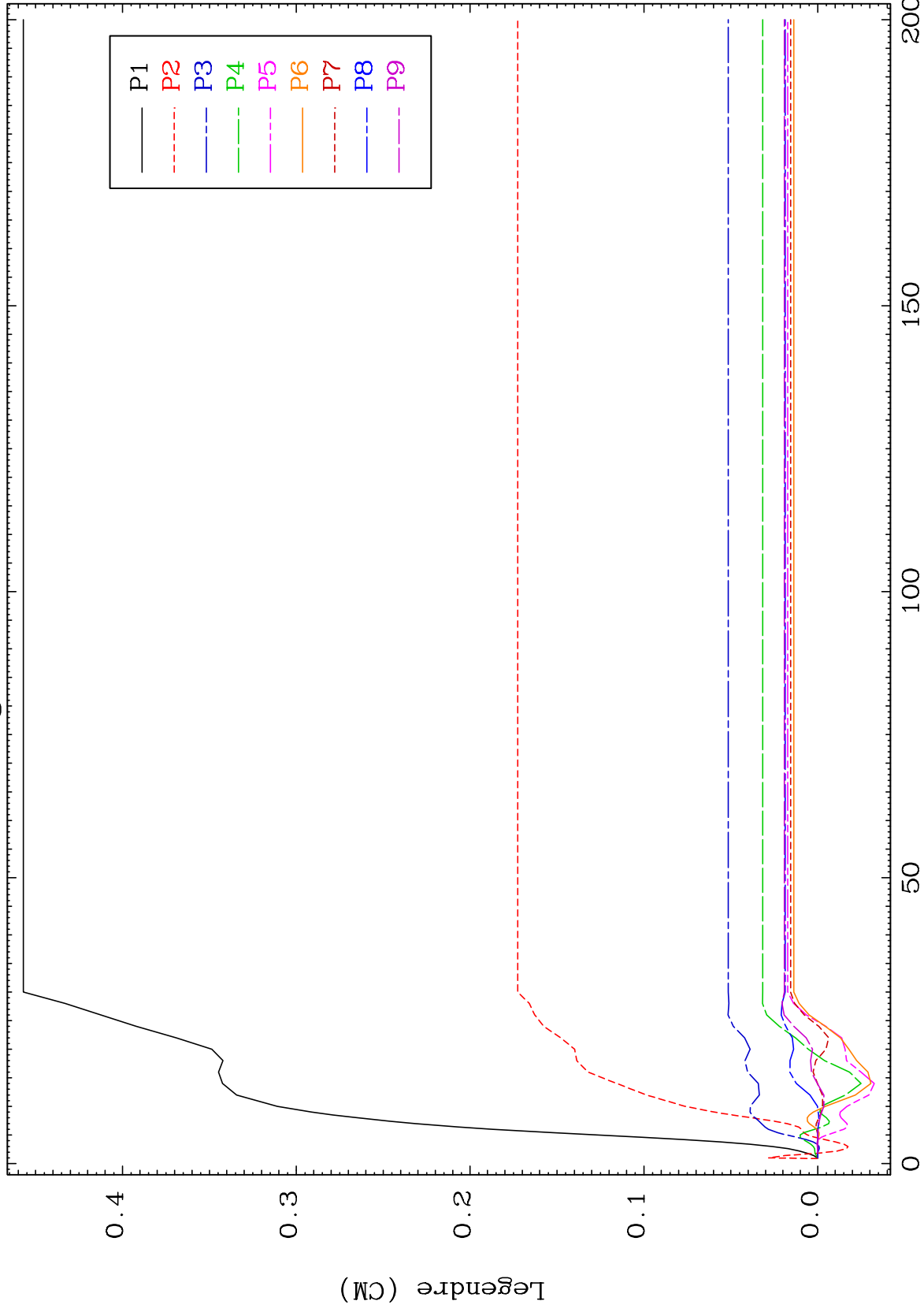




MAT 4052

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

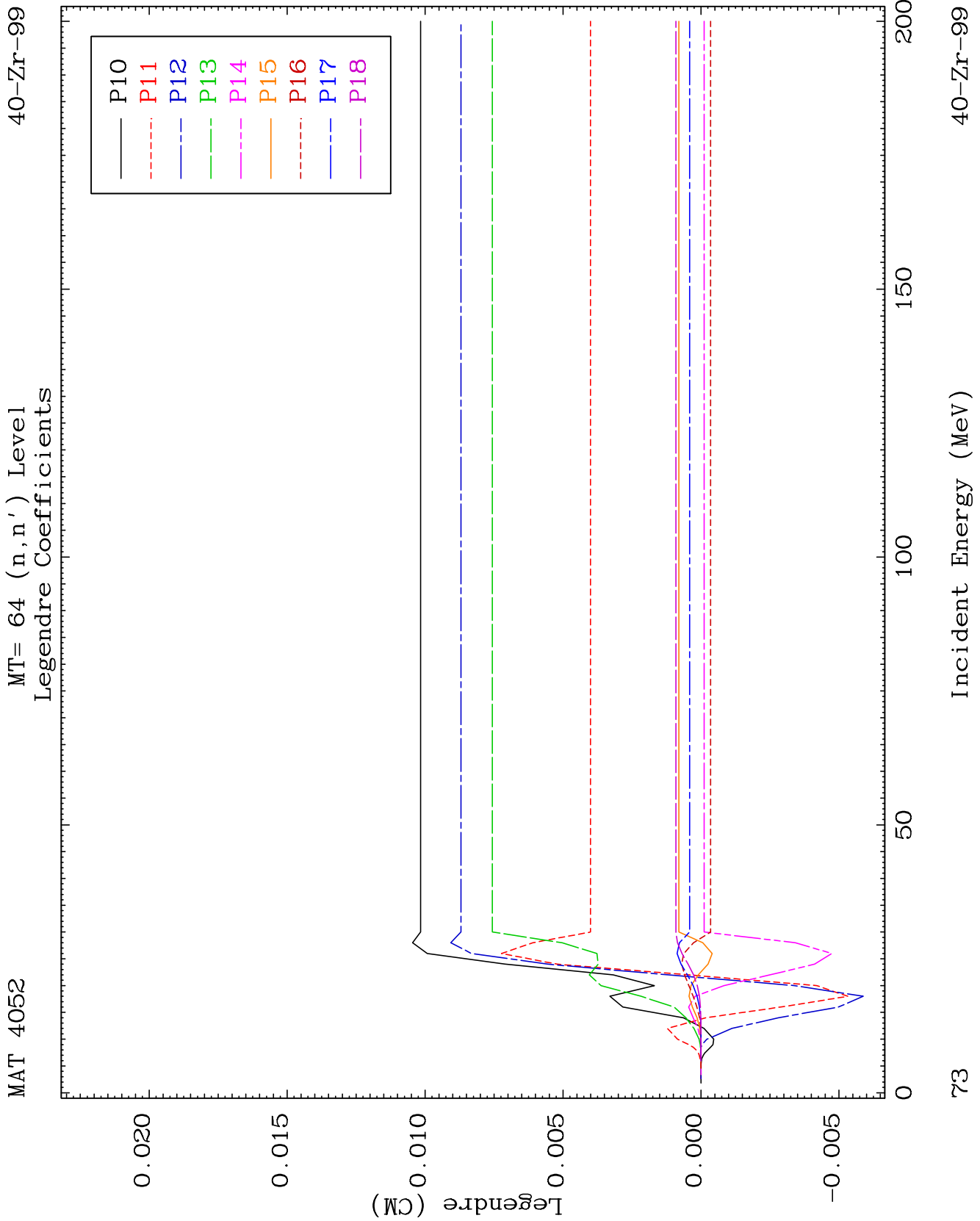
40-Zr-99



72

Incident Energy (MeV)

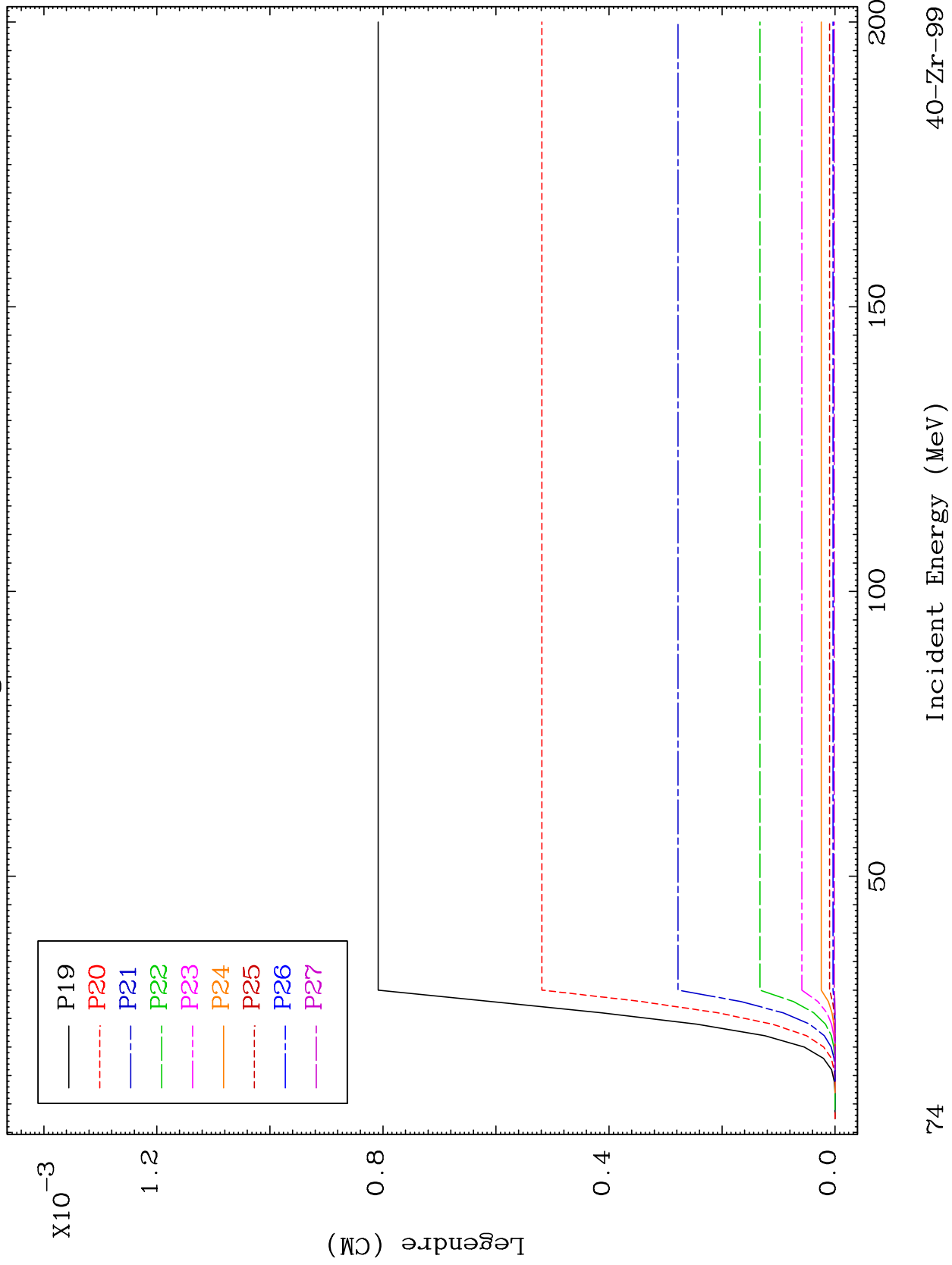
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MAT 4052

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

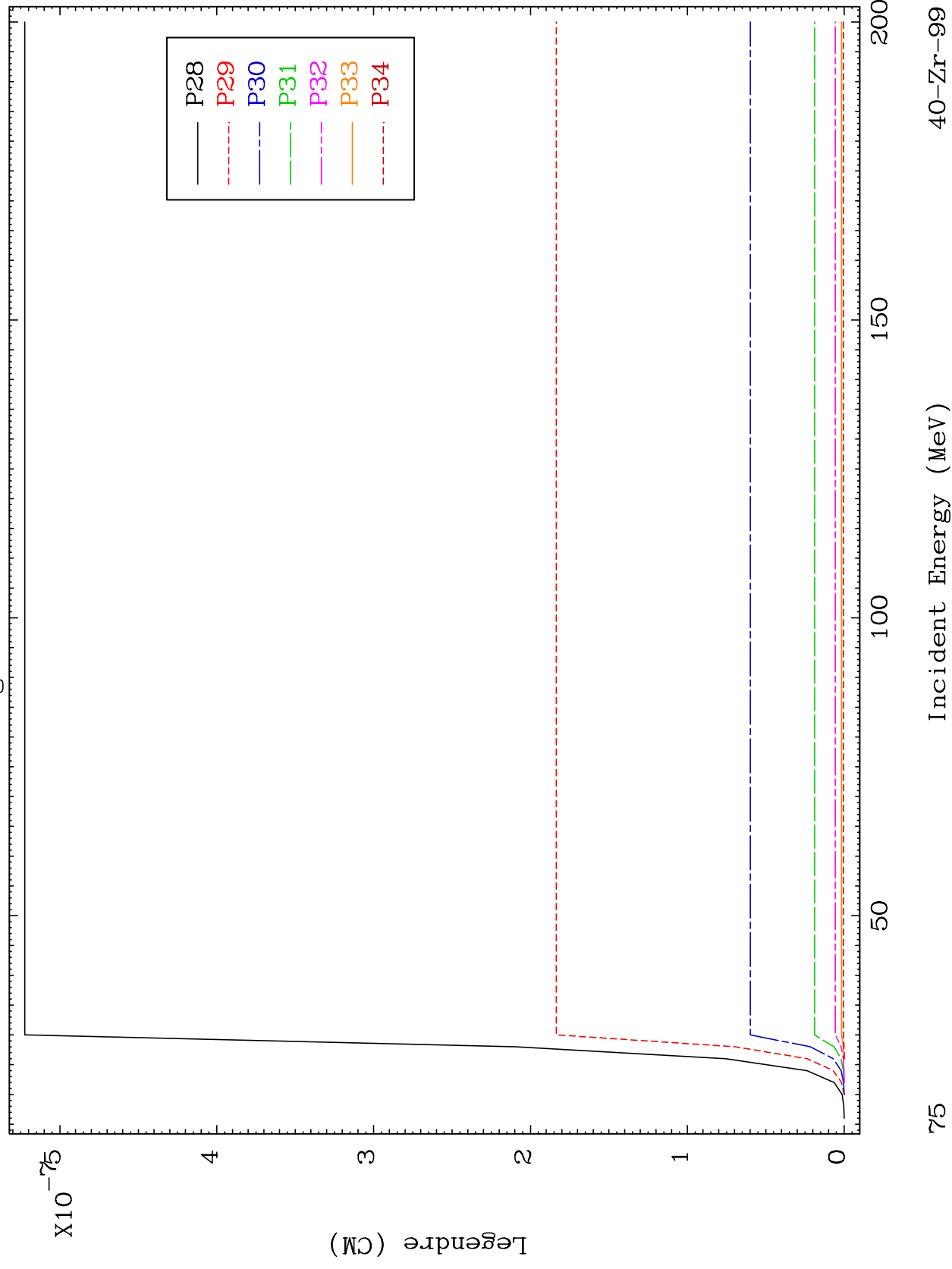
40-Zr-99



MAT 4052

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

40-Zr-99



75

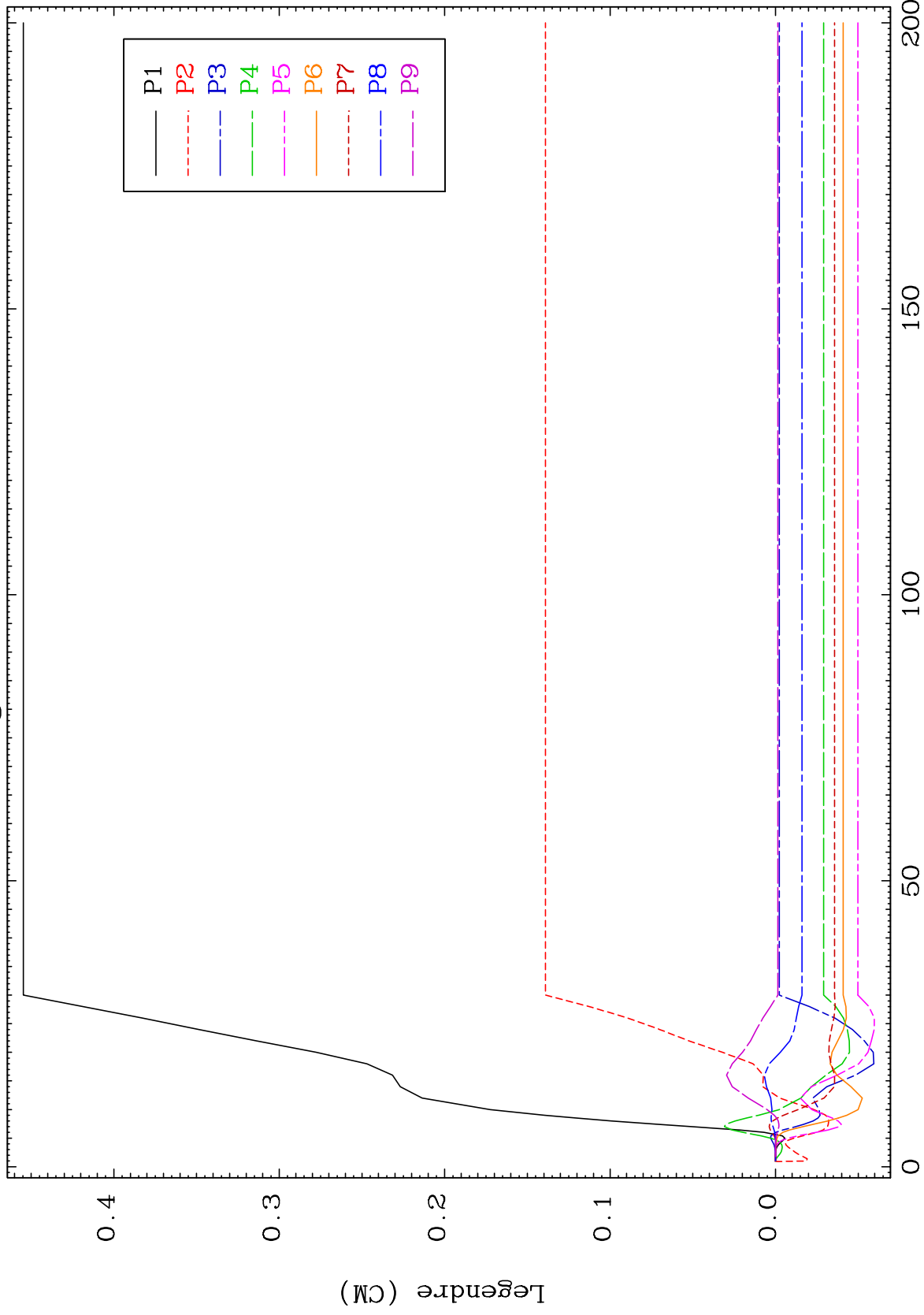
Incident Energy (MeV)

40-Zr-99

MAT 4052

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

40-Zr-99



76

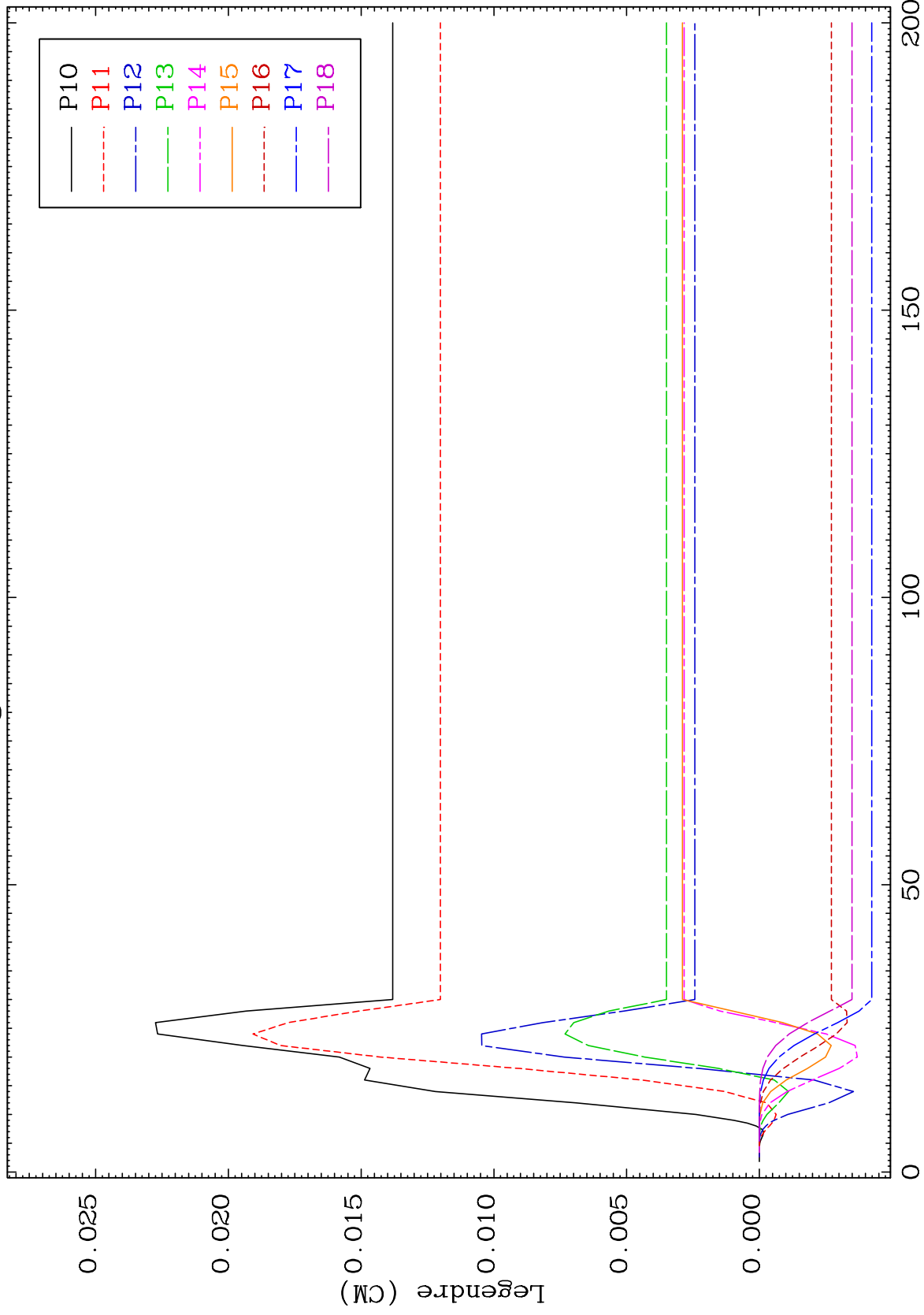
Incident Energy (MeV)

40-Zr-99

MAT 4052

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

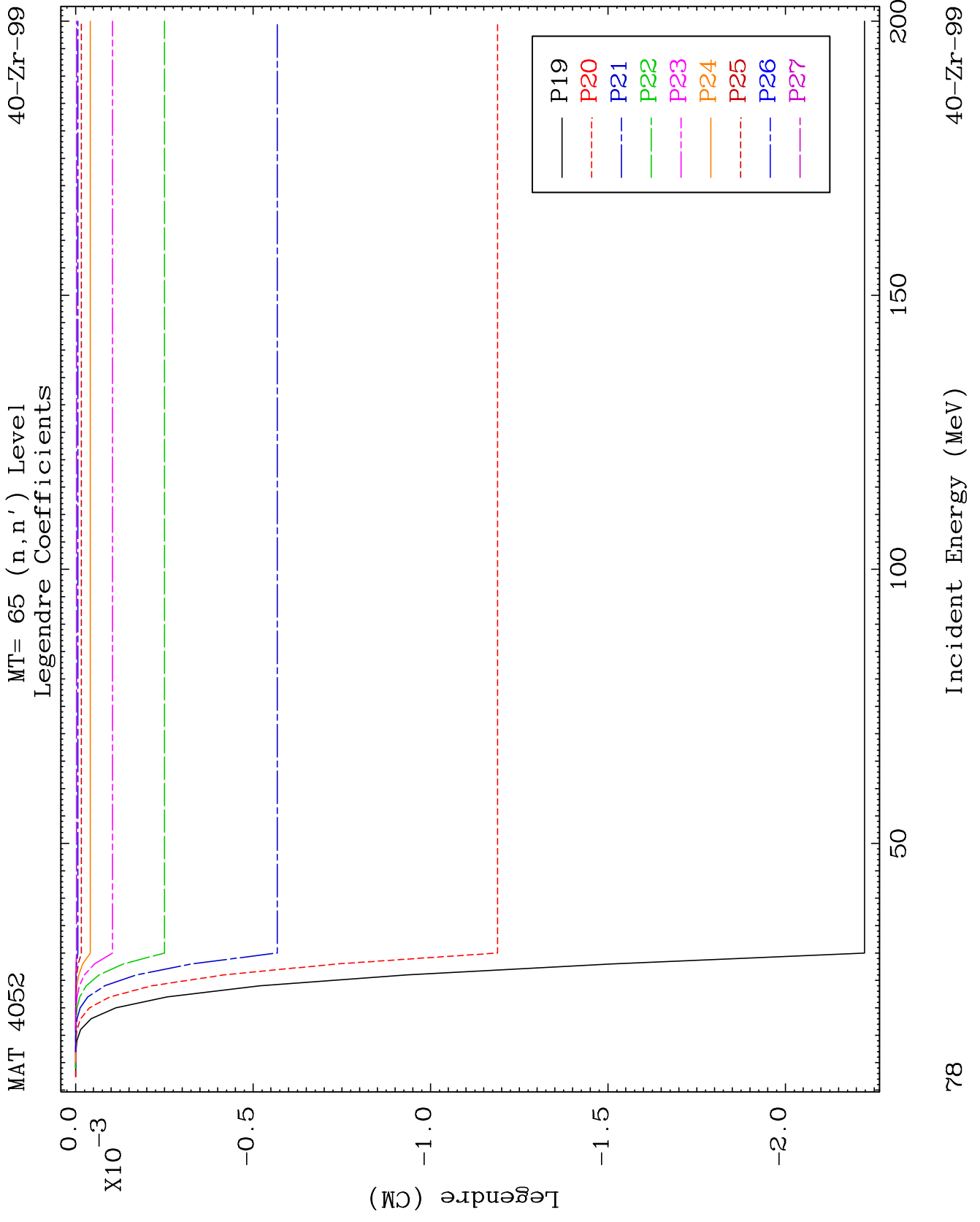
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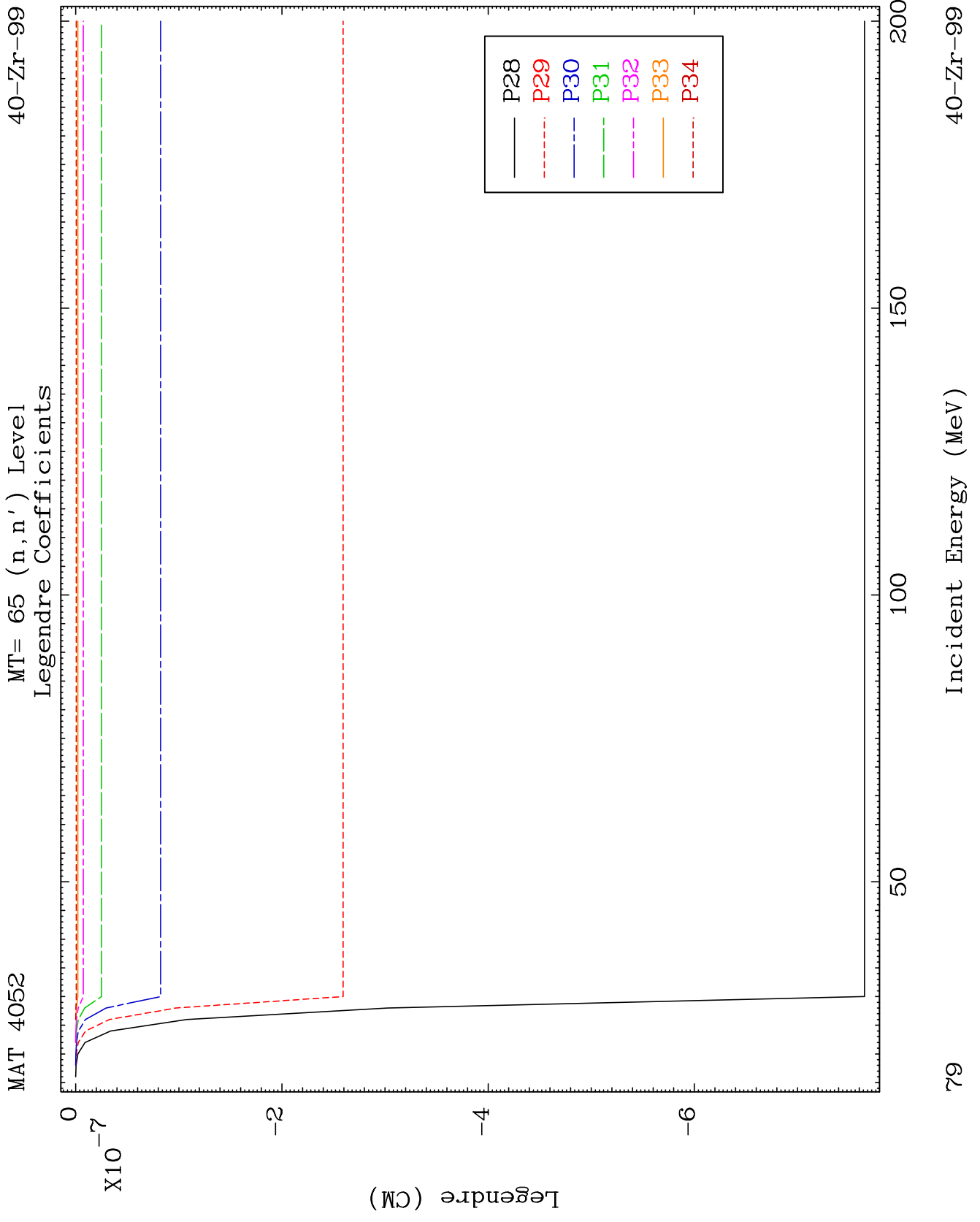


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Incident Energy (MeV)

40-Zr-99

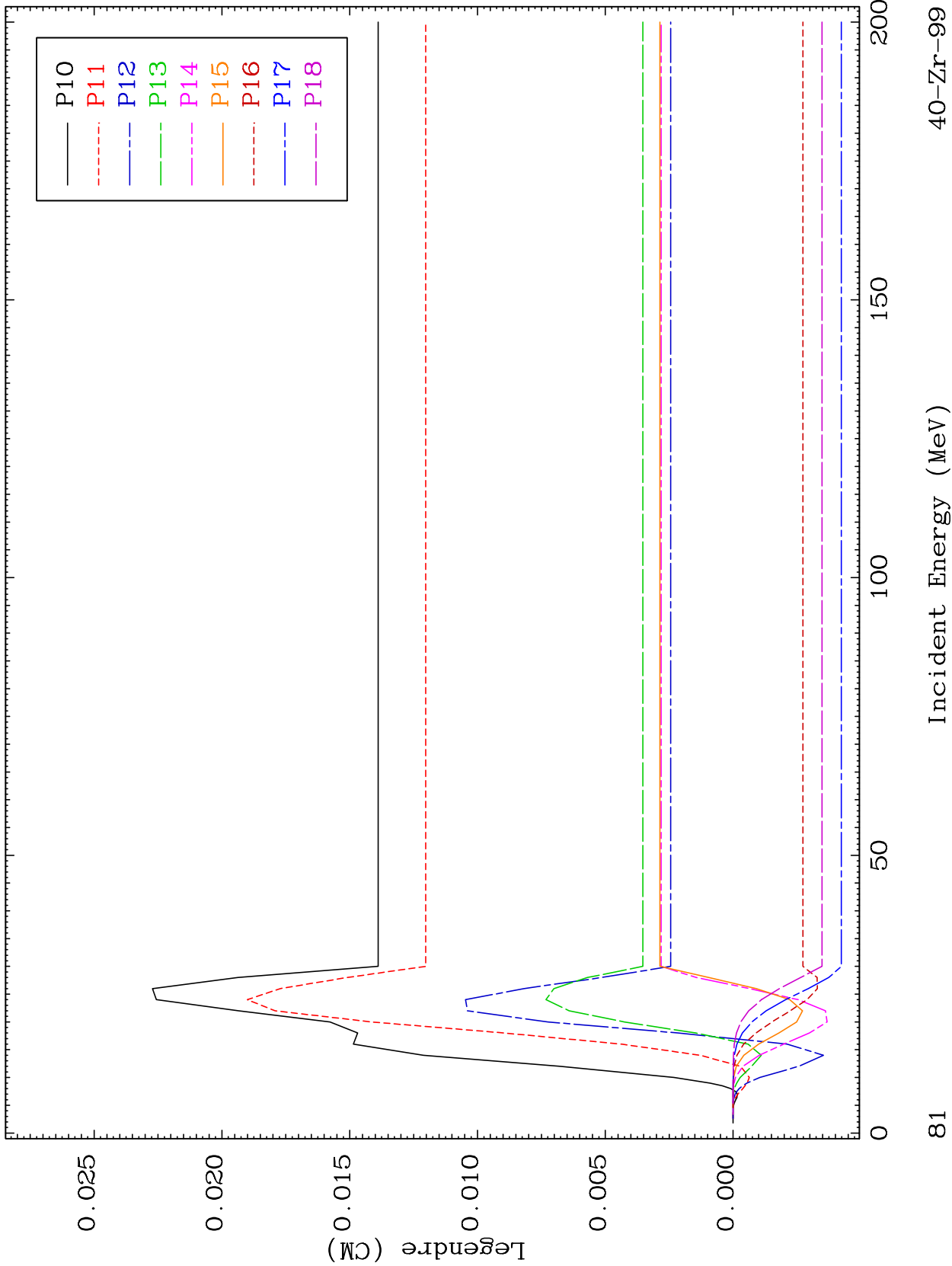


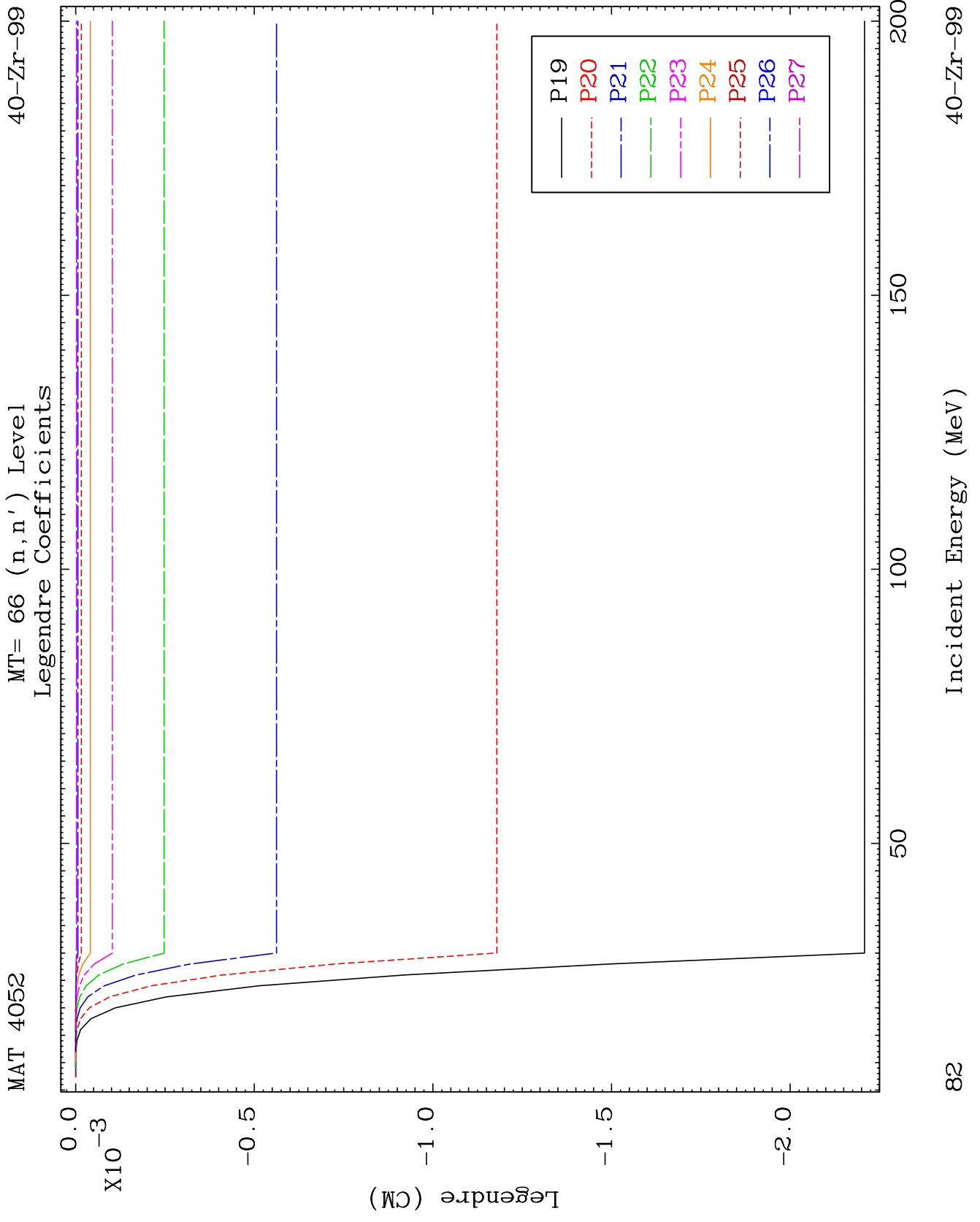


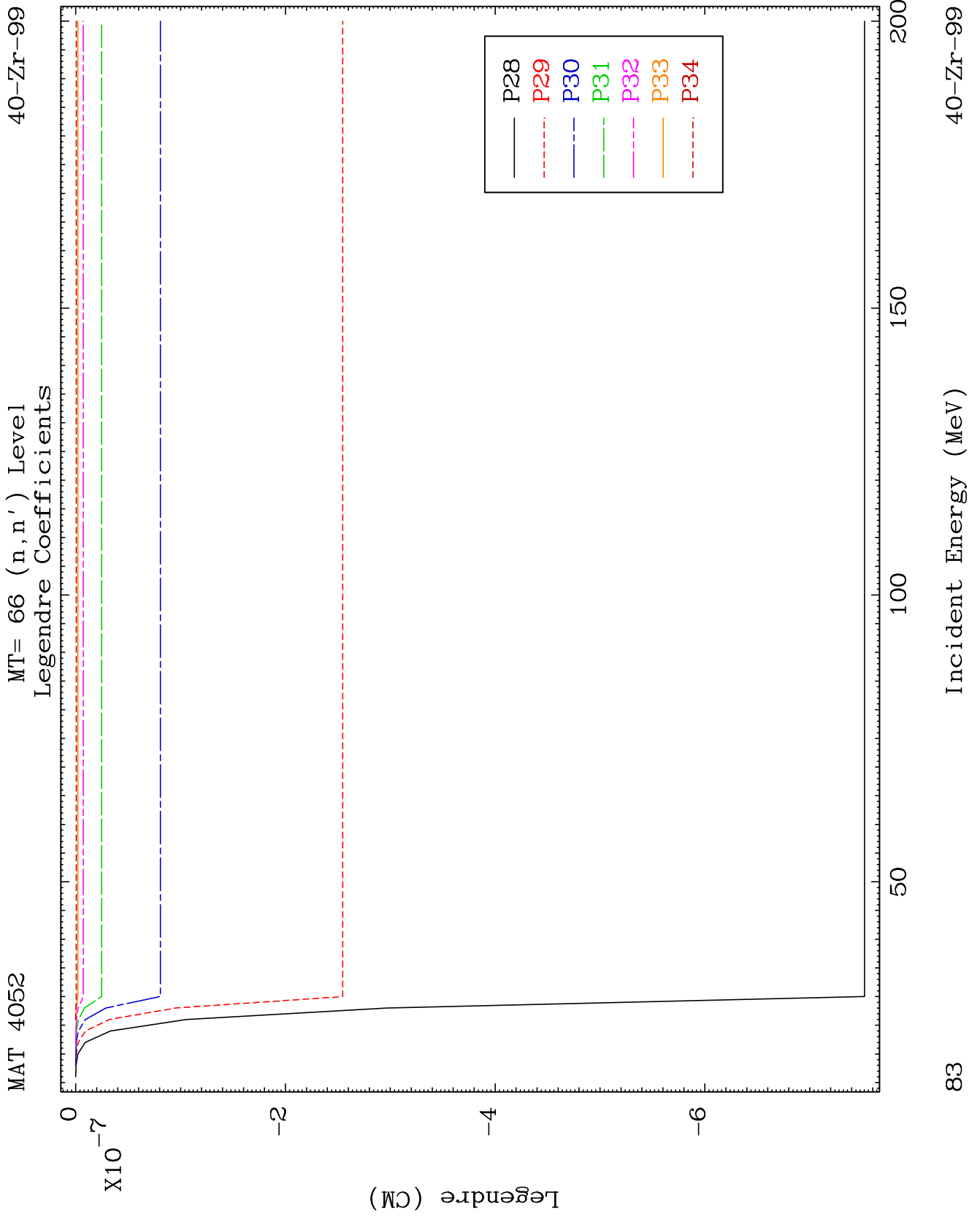
MAT 4052

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

40-Zr-99



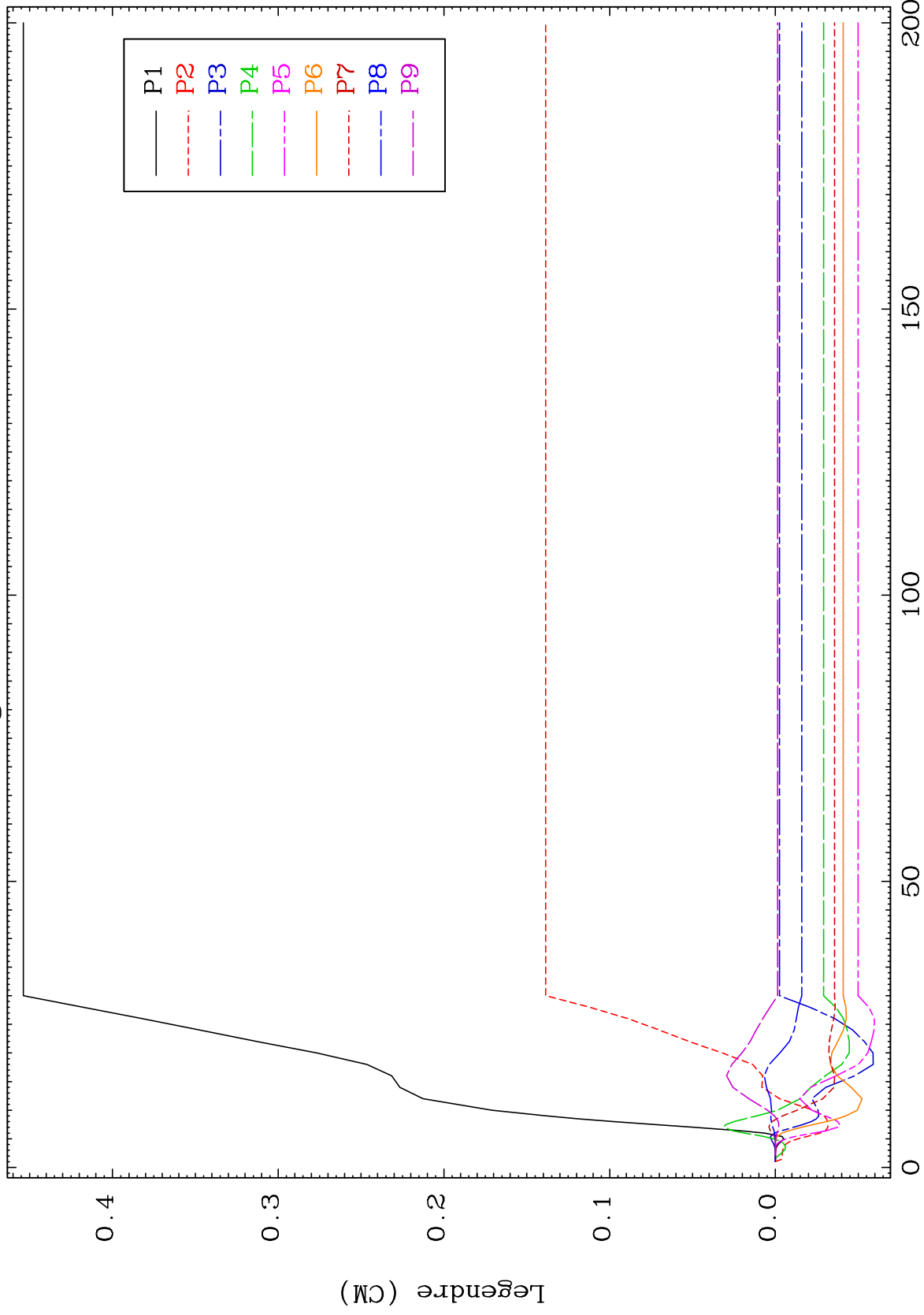




MAT 4052

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

40-Zr-99



84

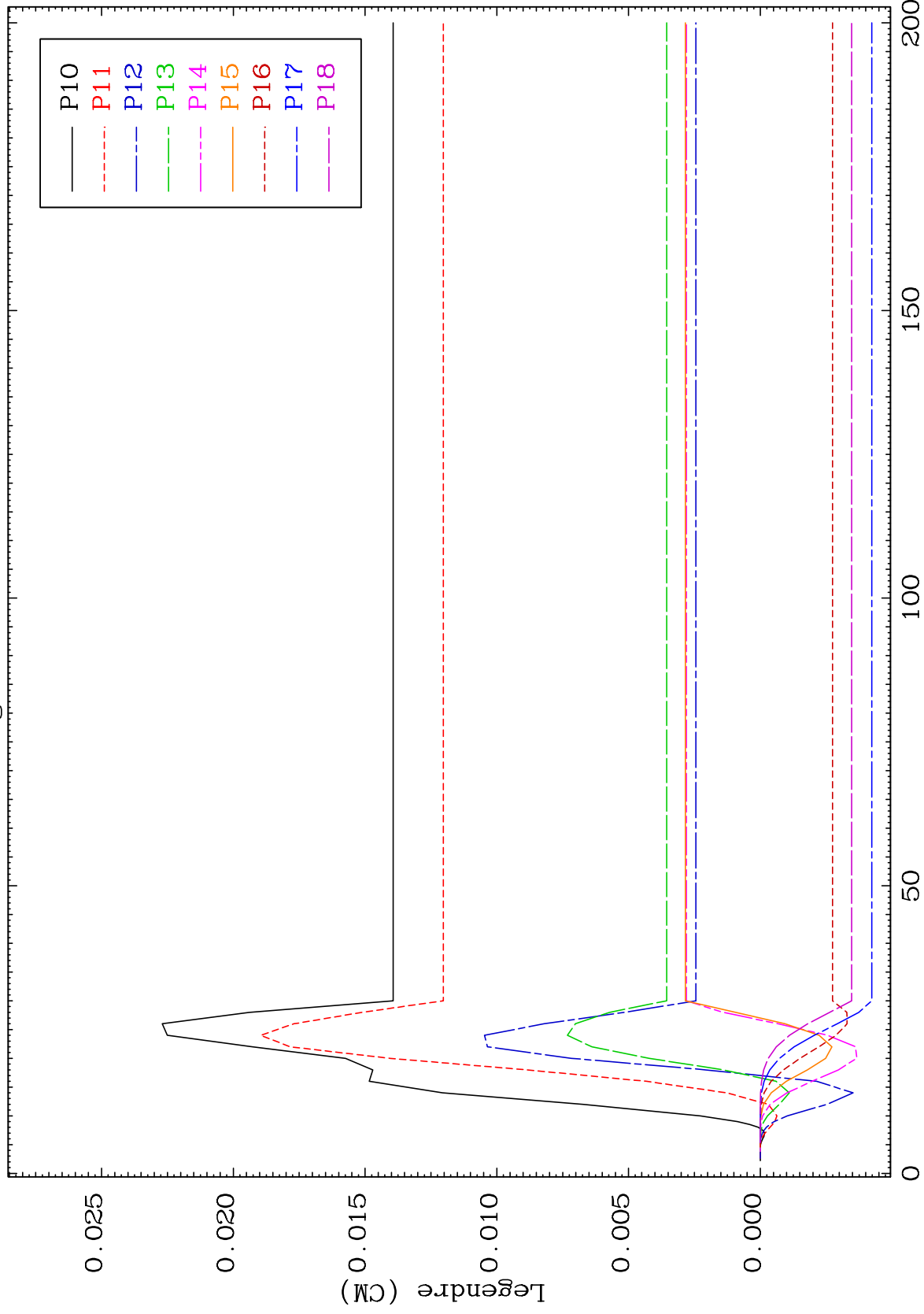
Incident Energy (MeV)

40-Zr-99

MAT 4052

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

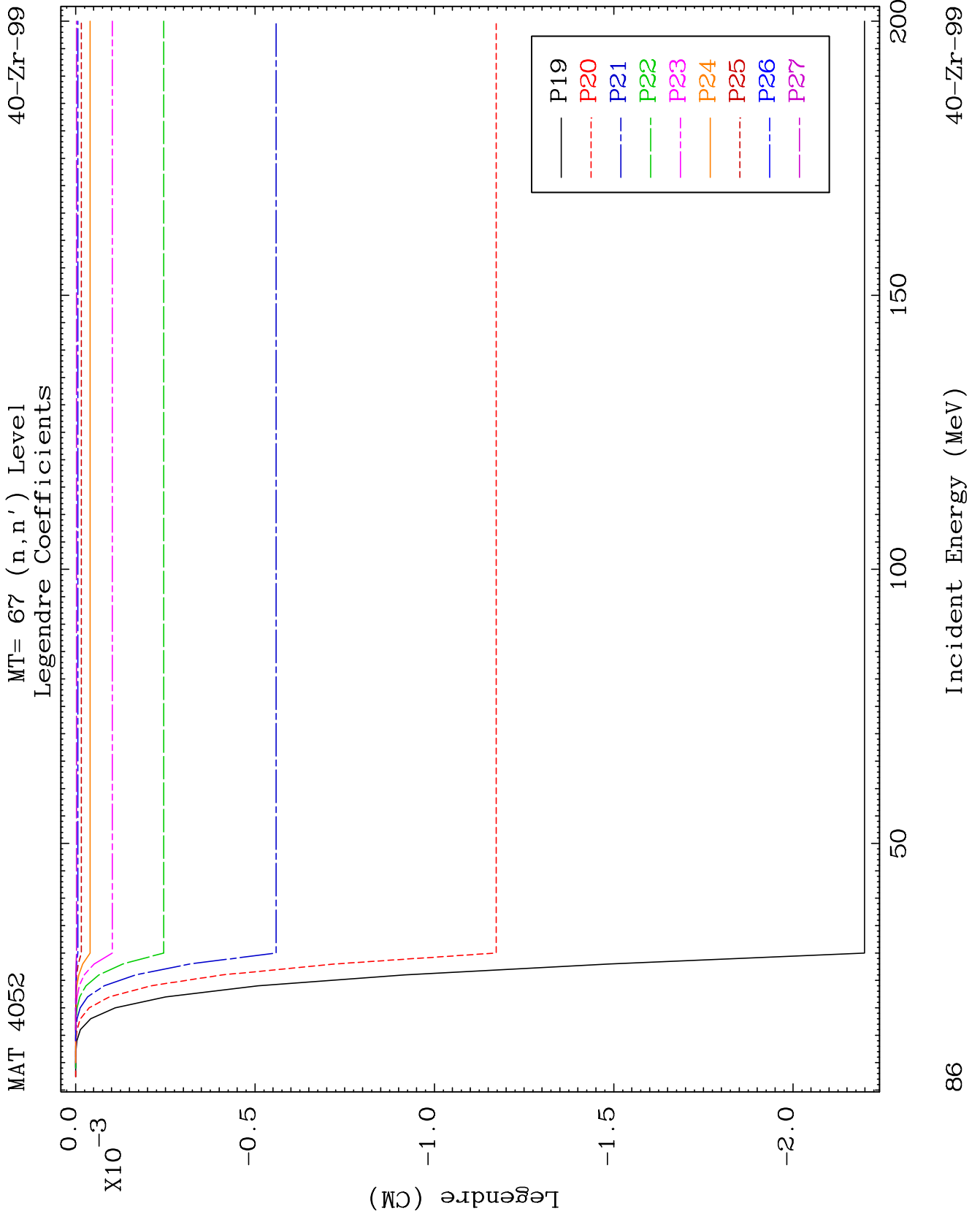
40-Zr-99

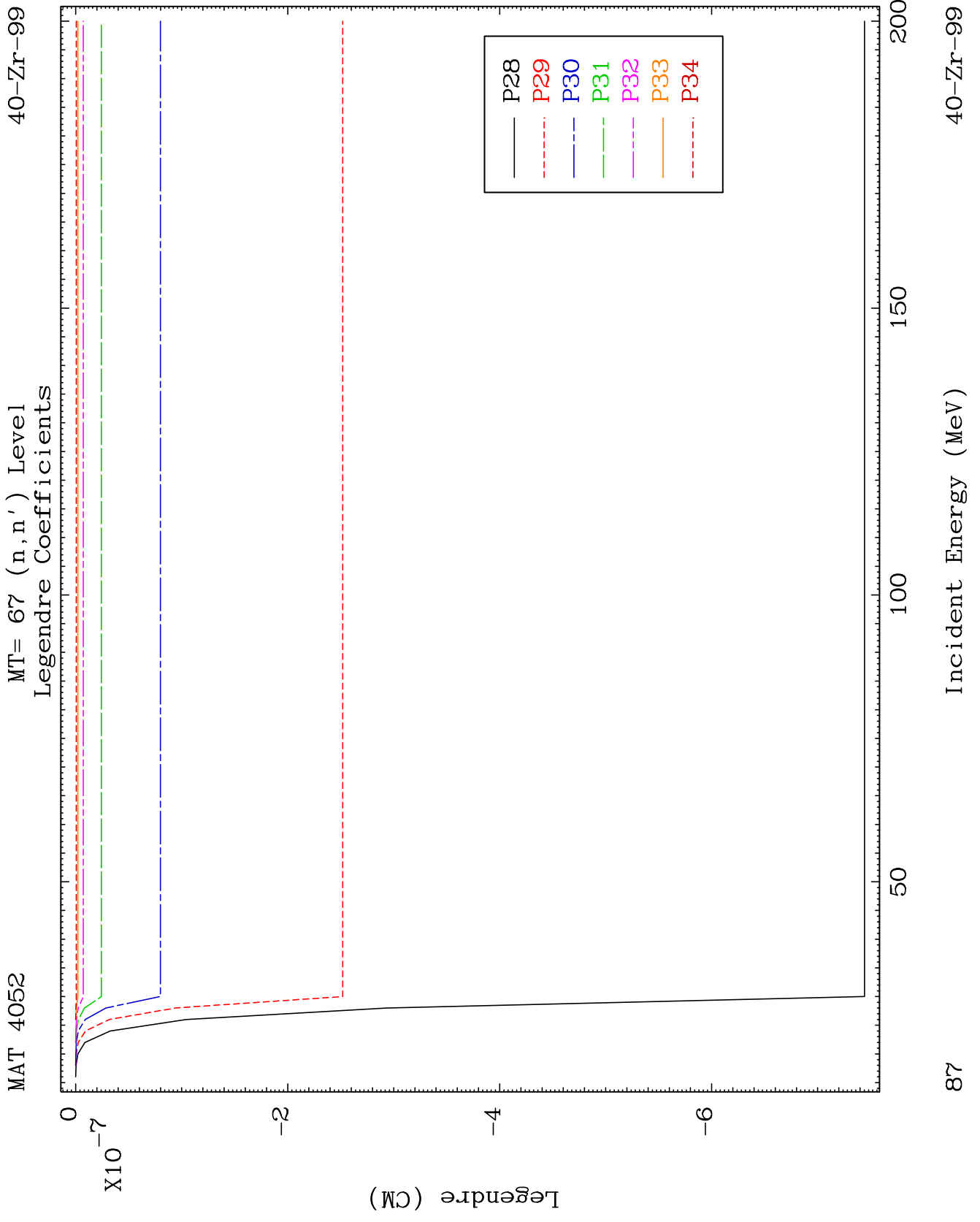


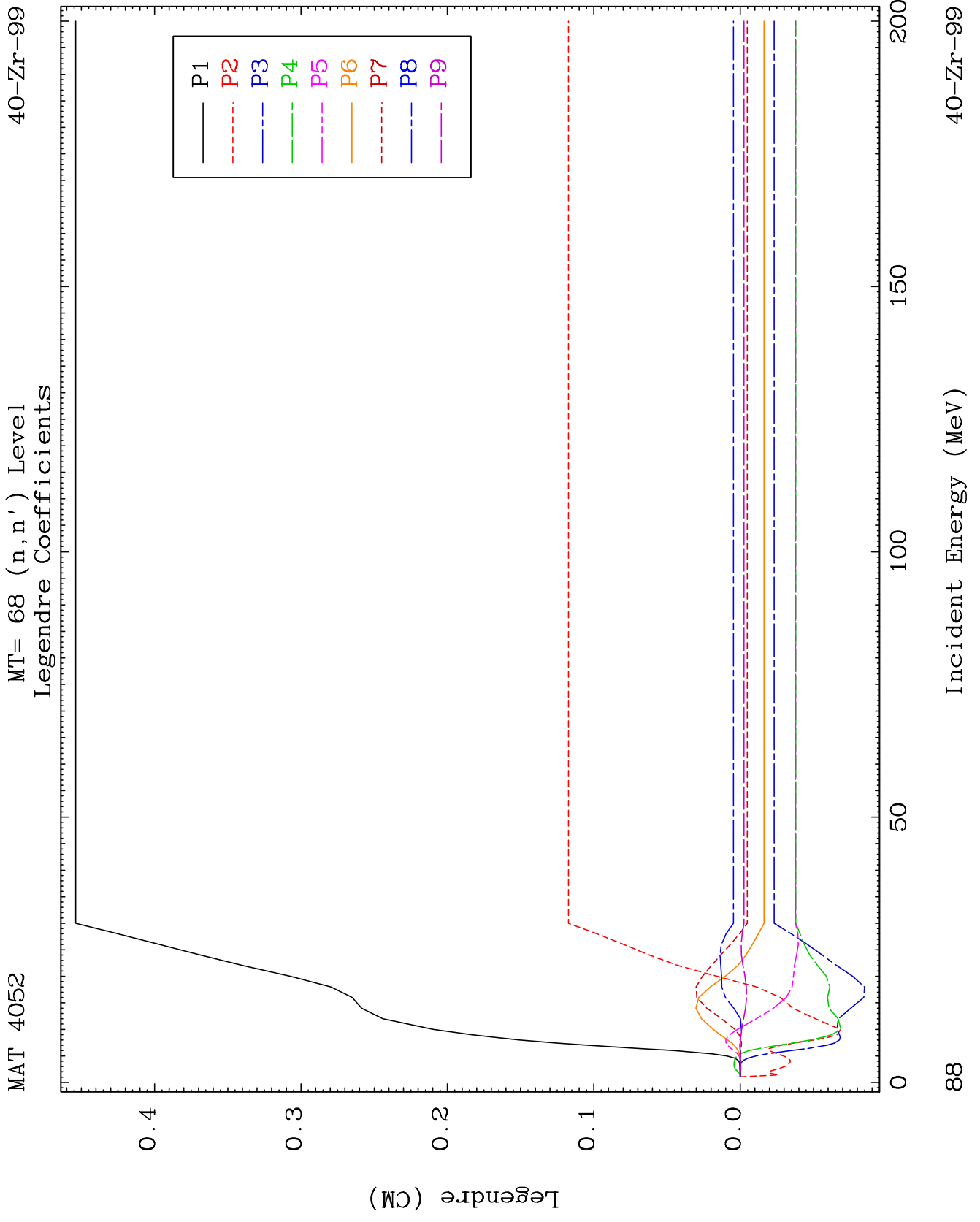
85

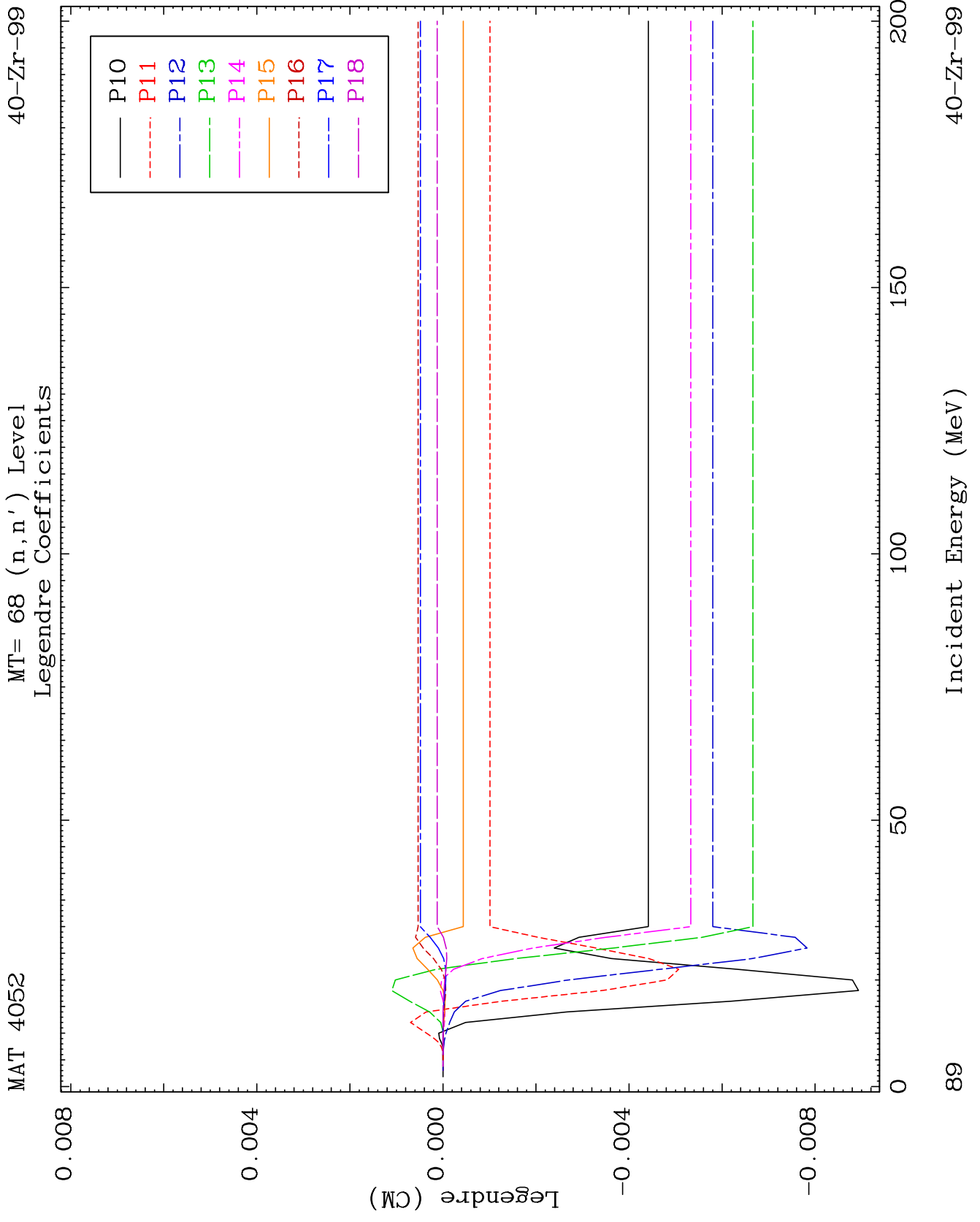
Incident Energy (MeV)

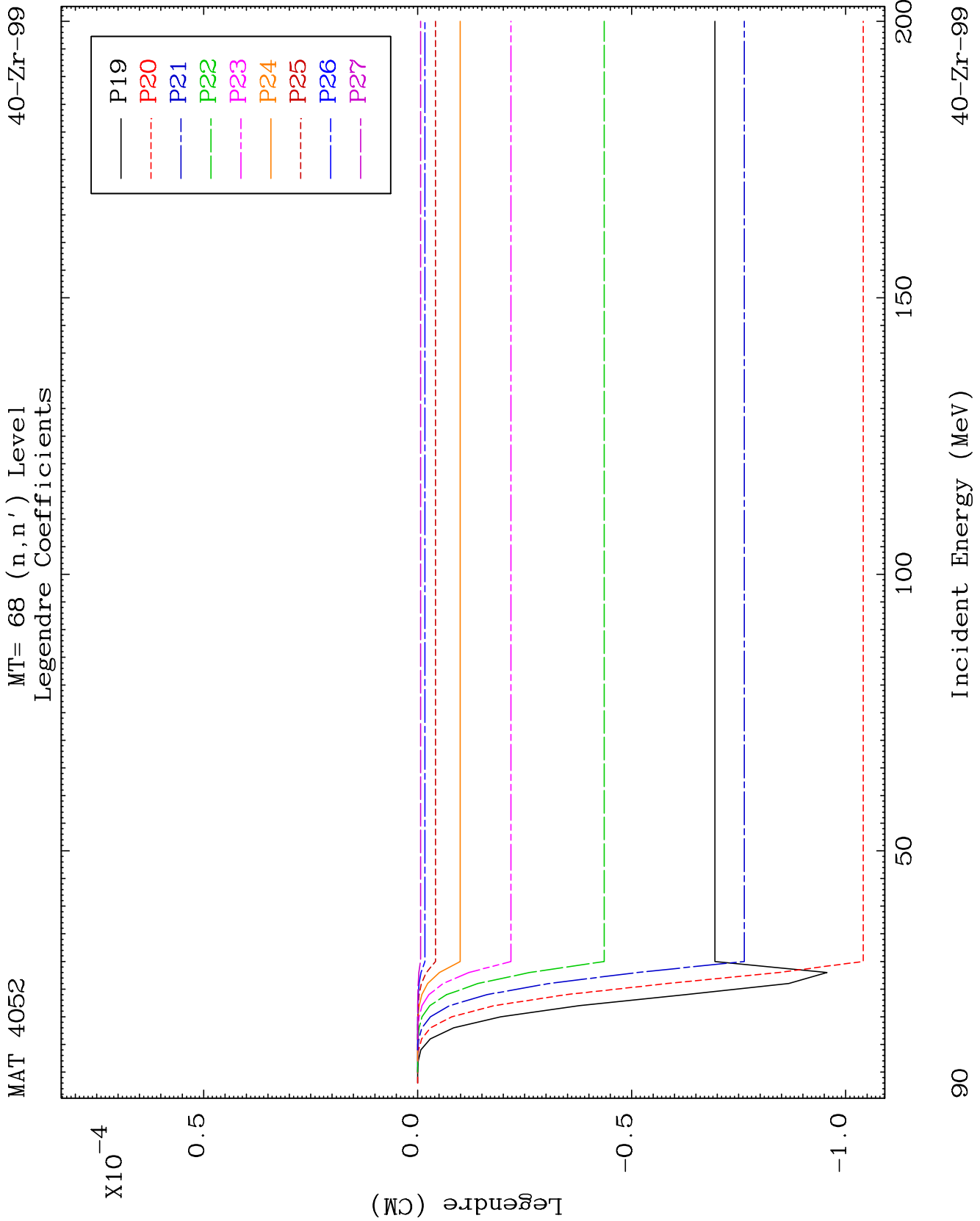
40-Zr-99

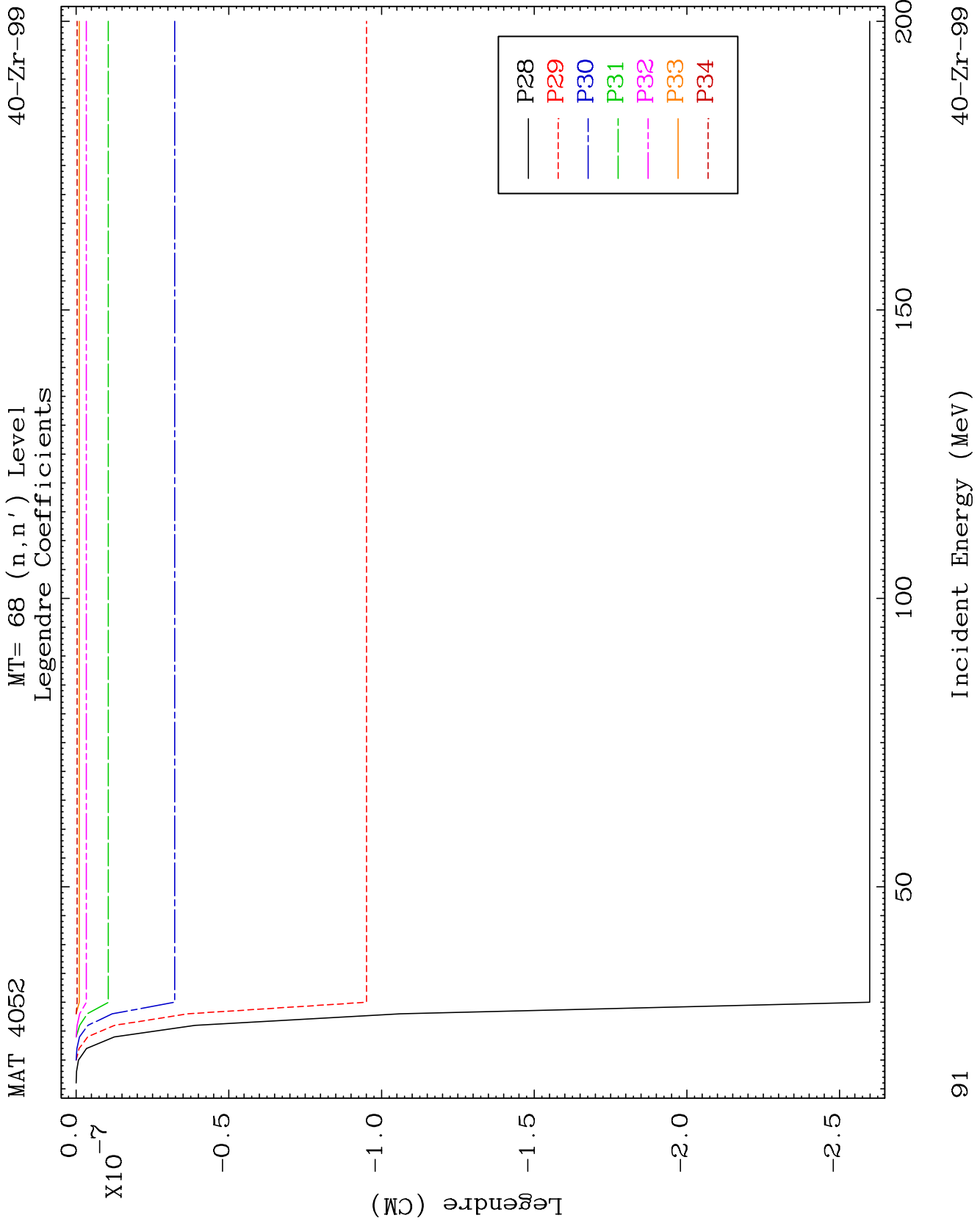


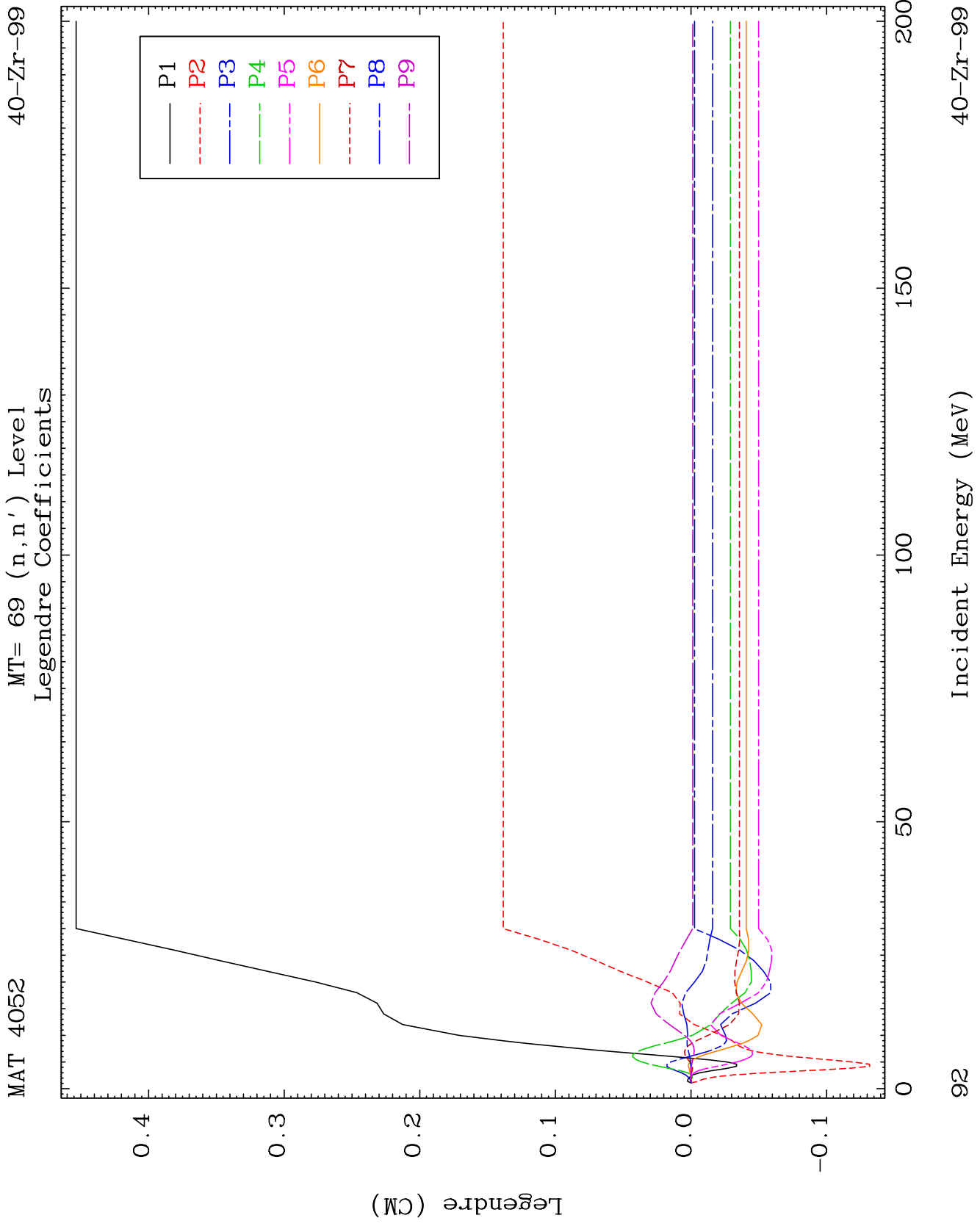








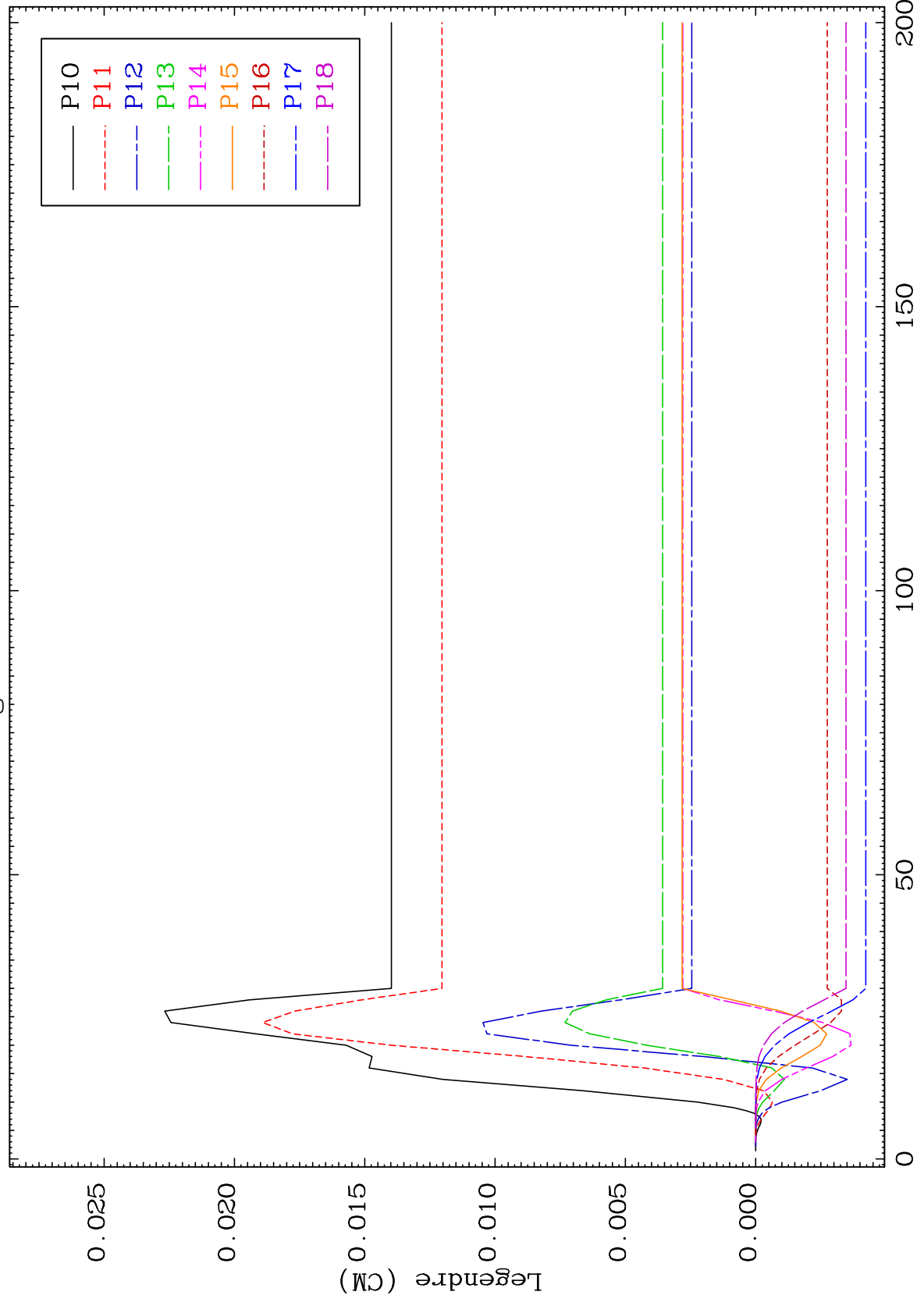




MAT 4052

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

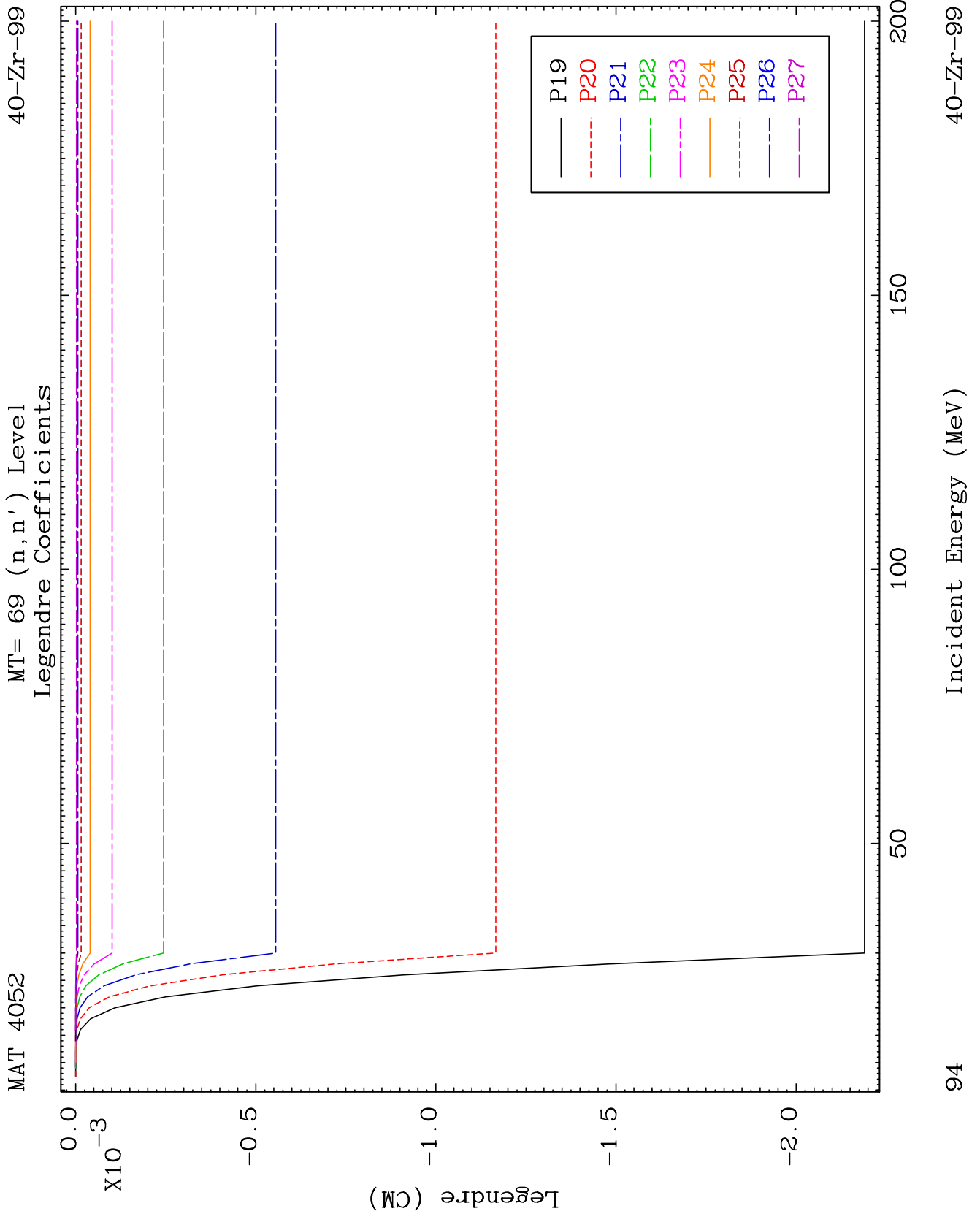
40-Zr-99



93

Incident Energy (MeV)

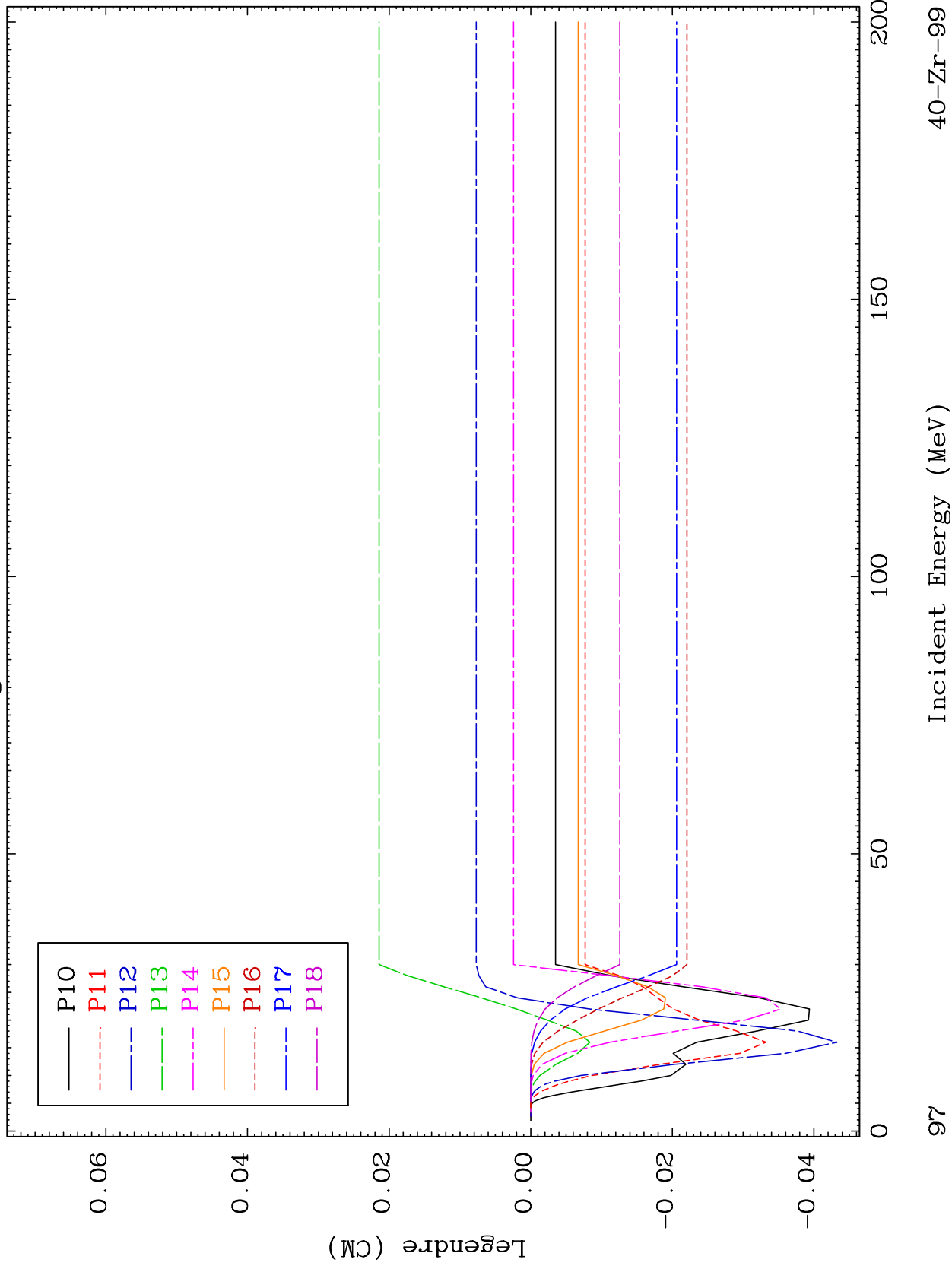
40-Zr-99



MAT 4052

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

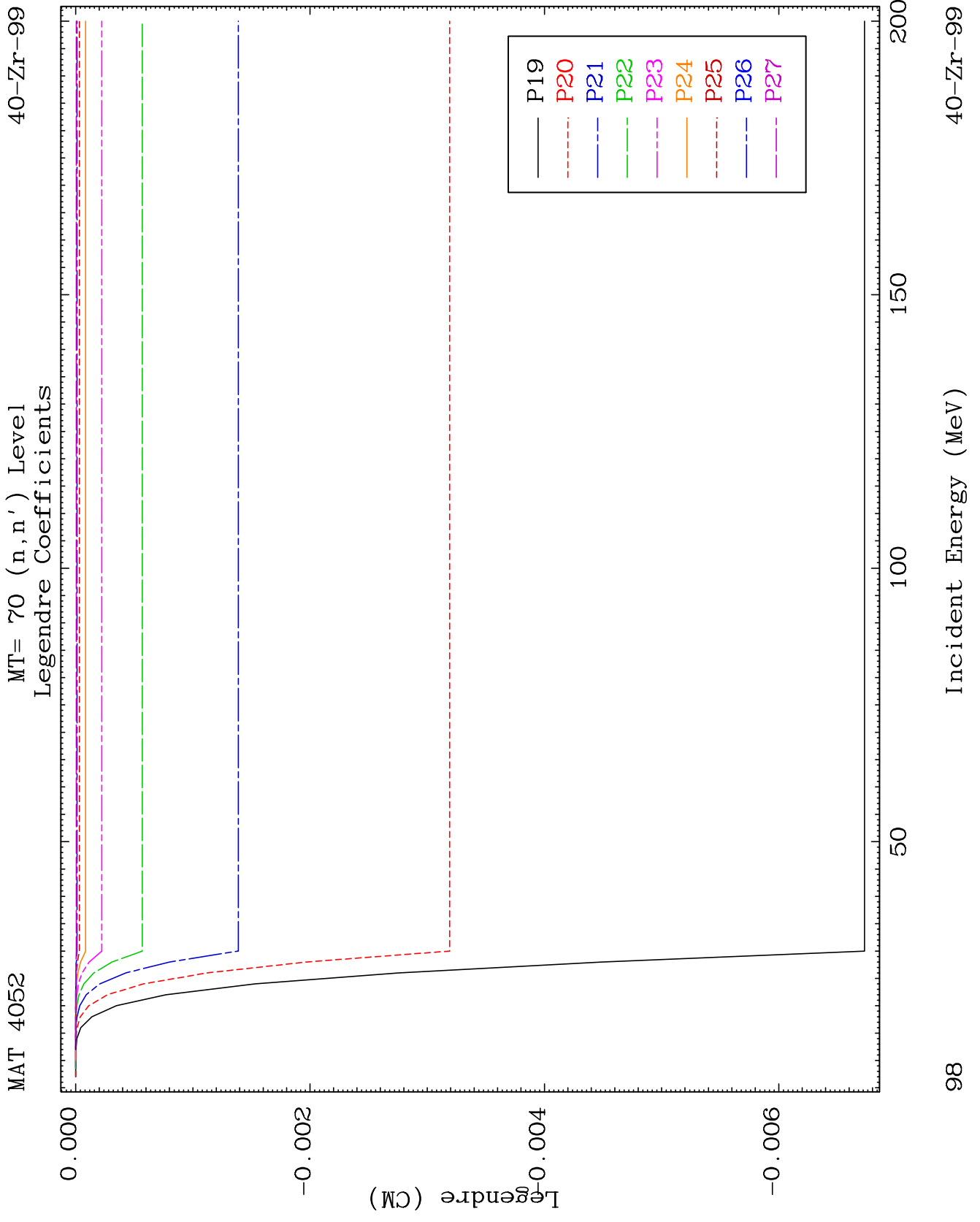
40-Zr-99

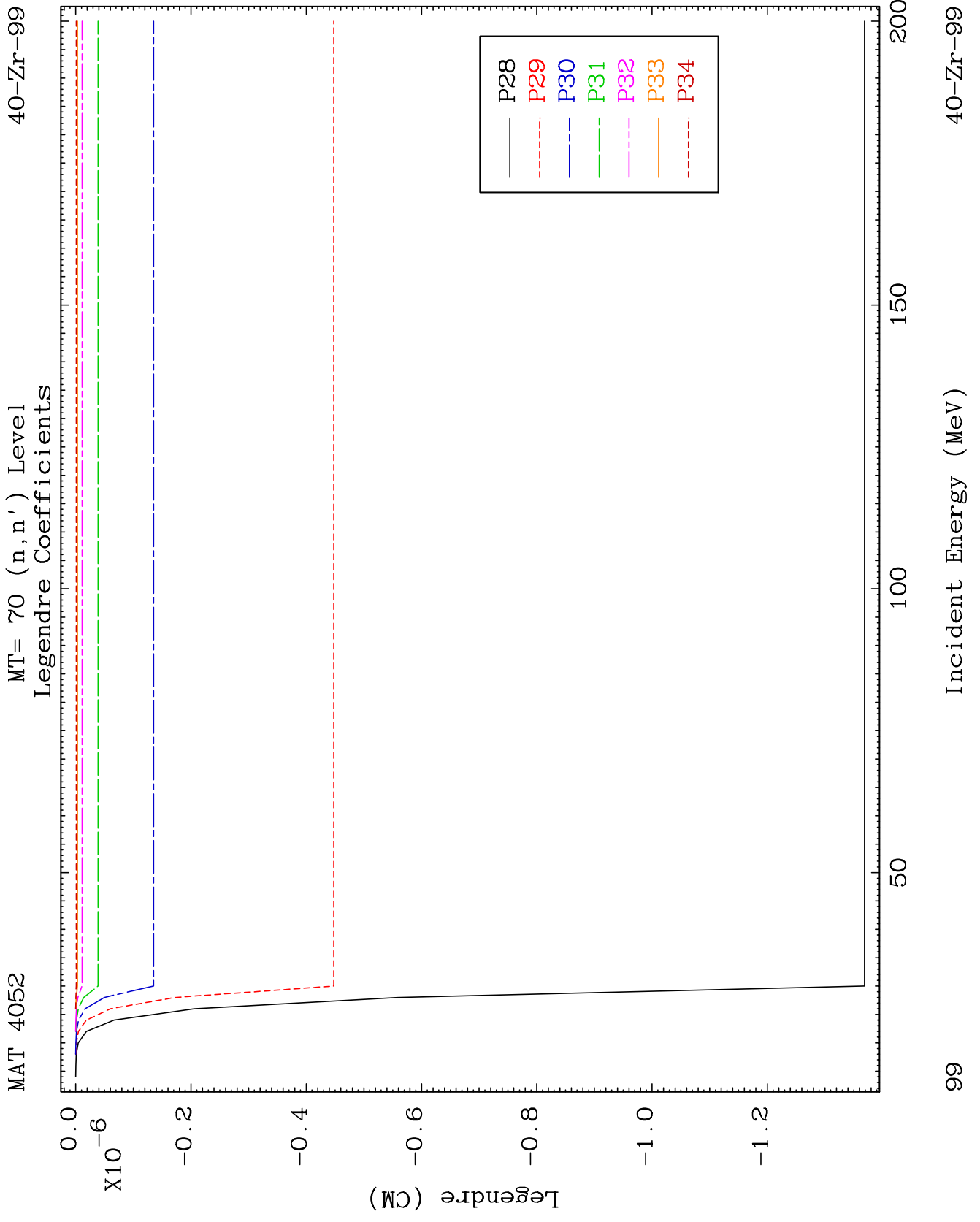


97

Incident Energy (MeV)

40-Zr-99

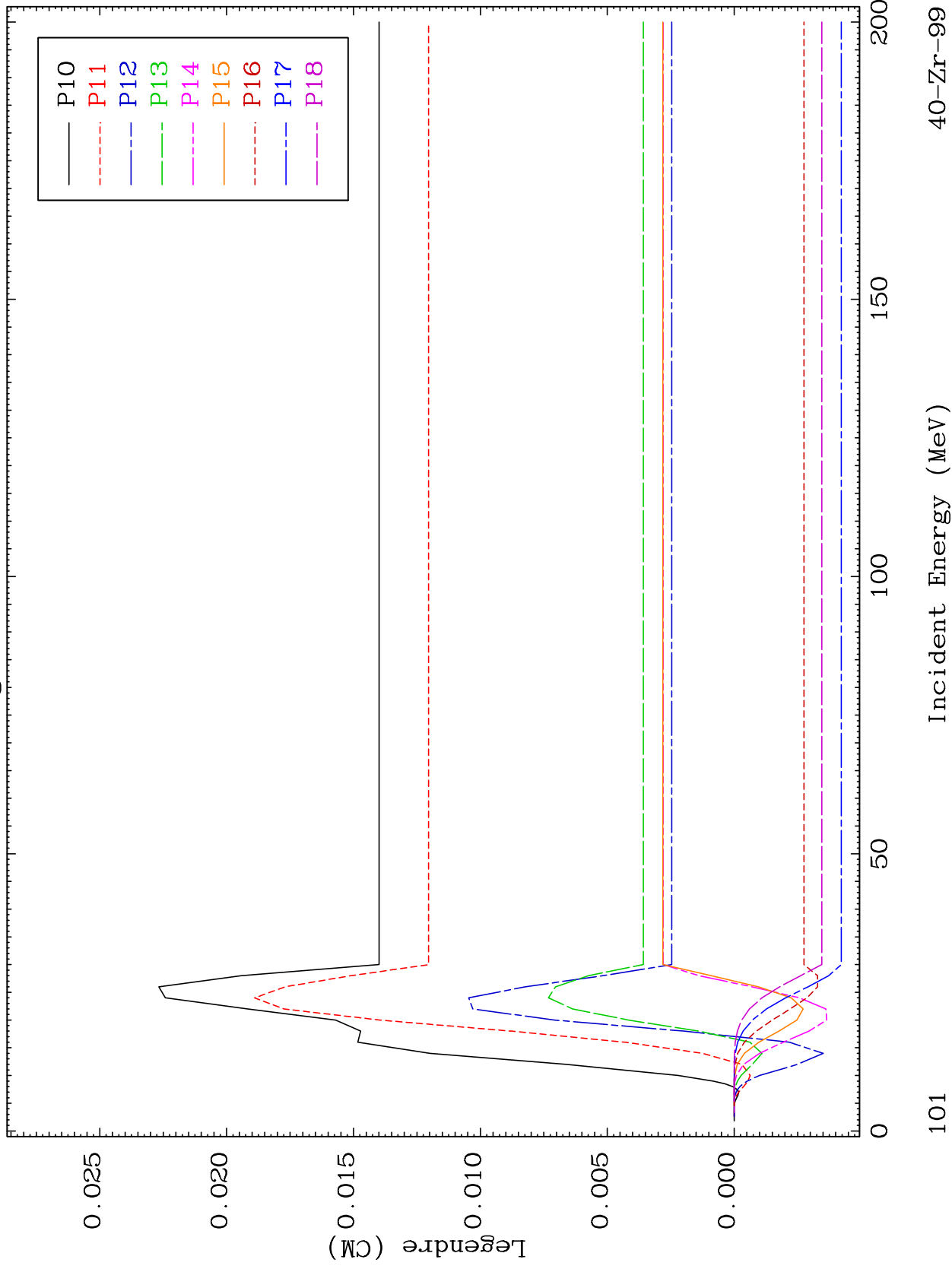




MAT 4052

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

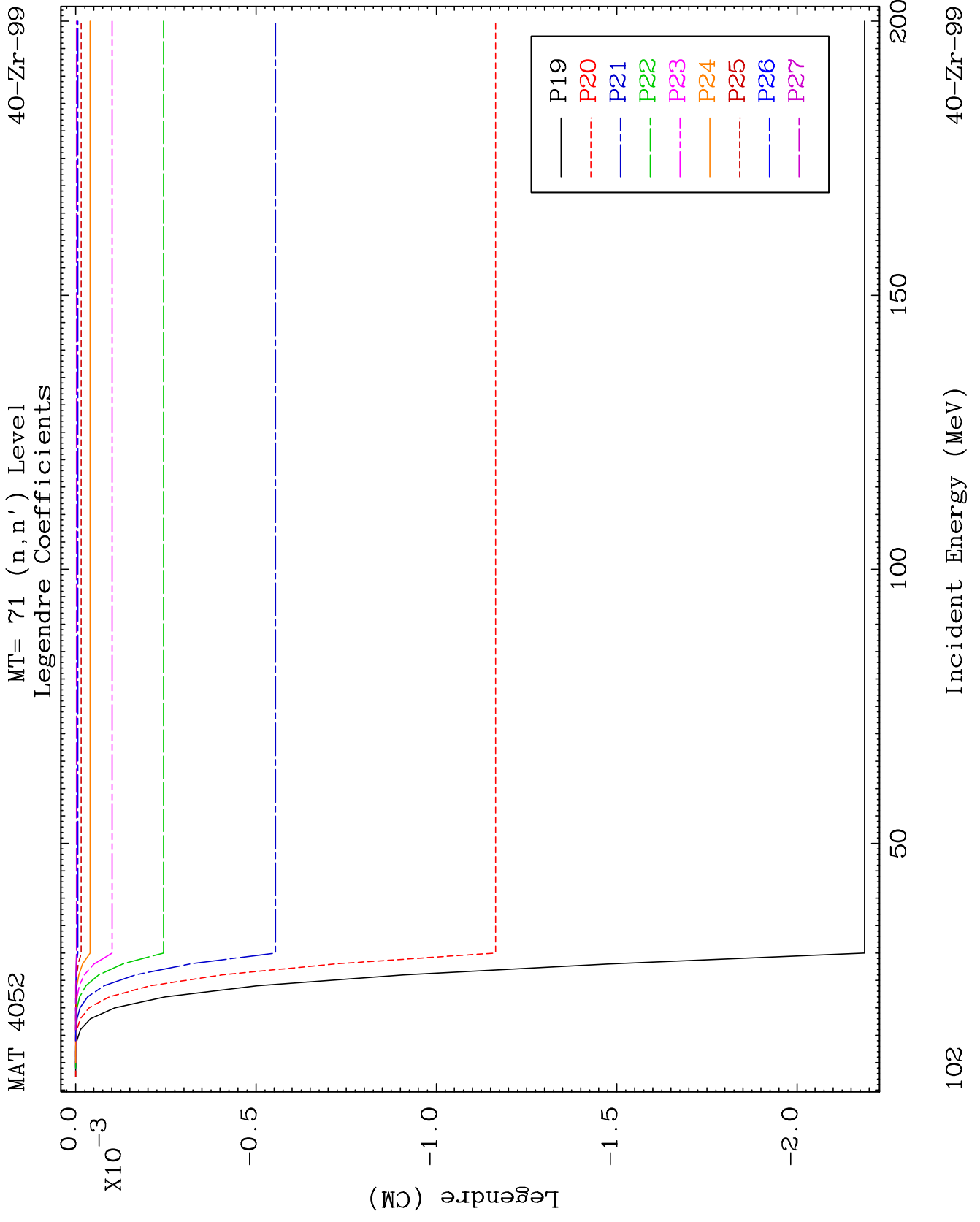
40-Zr-99

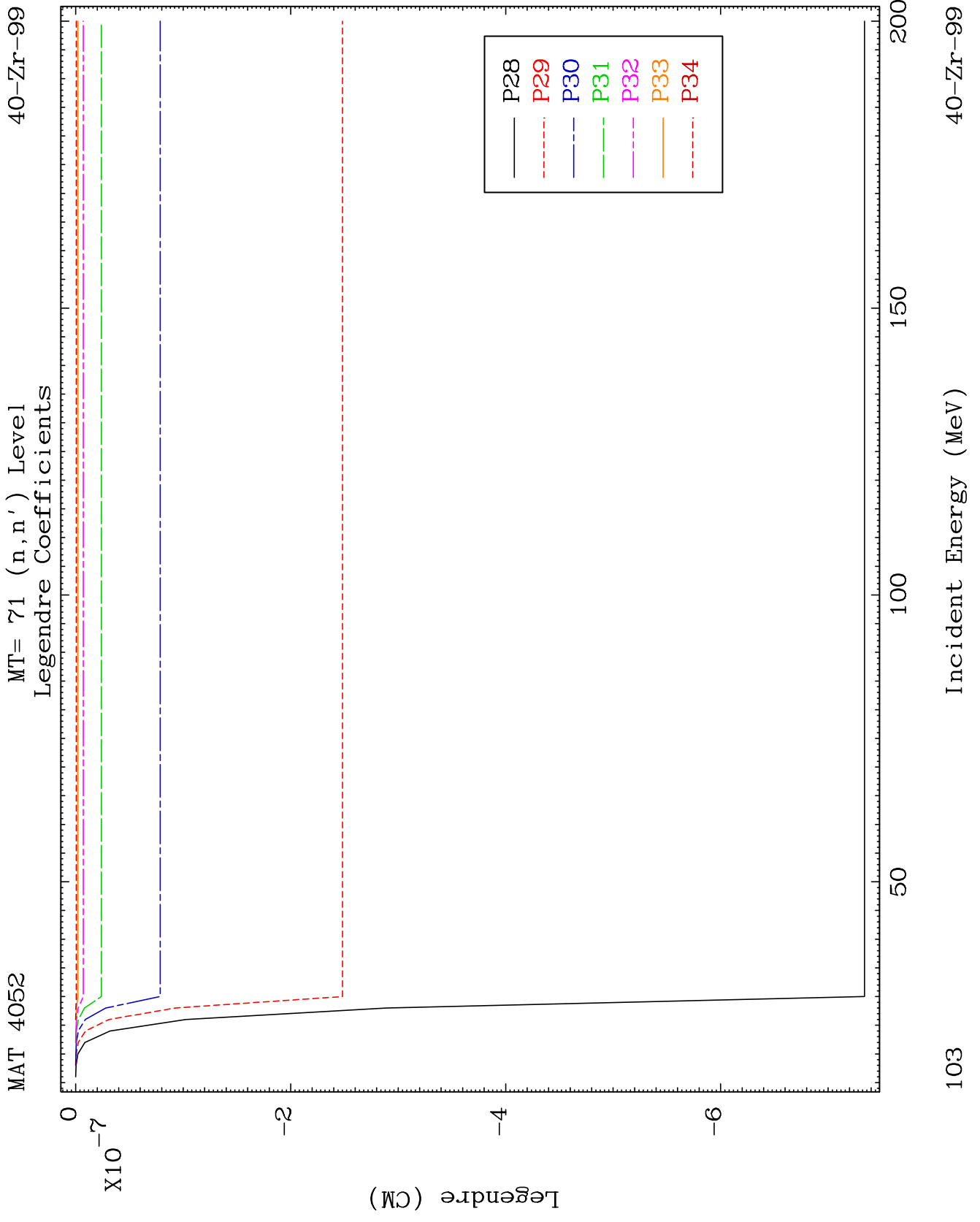


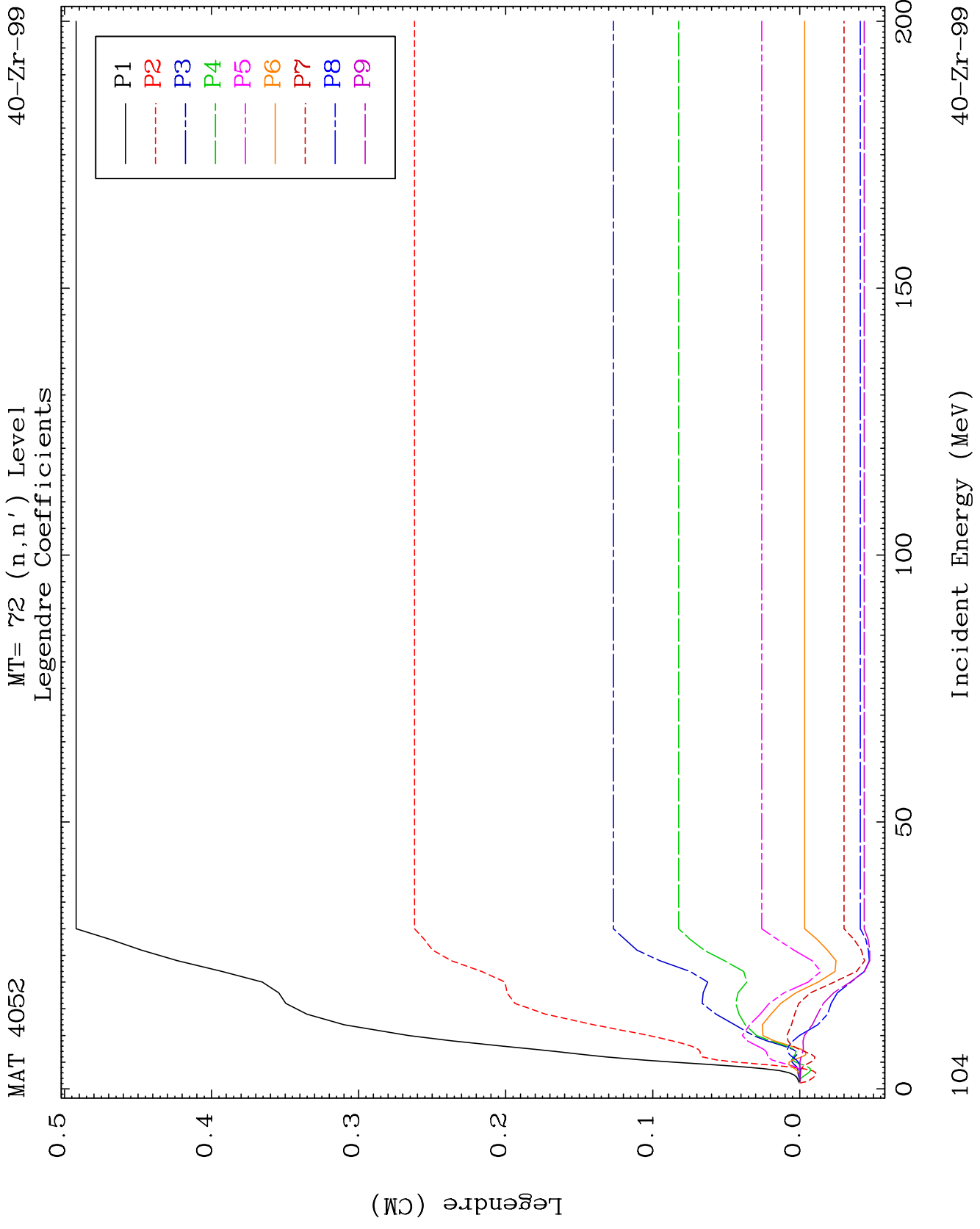
40-Zr-99

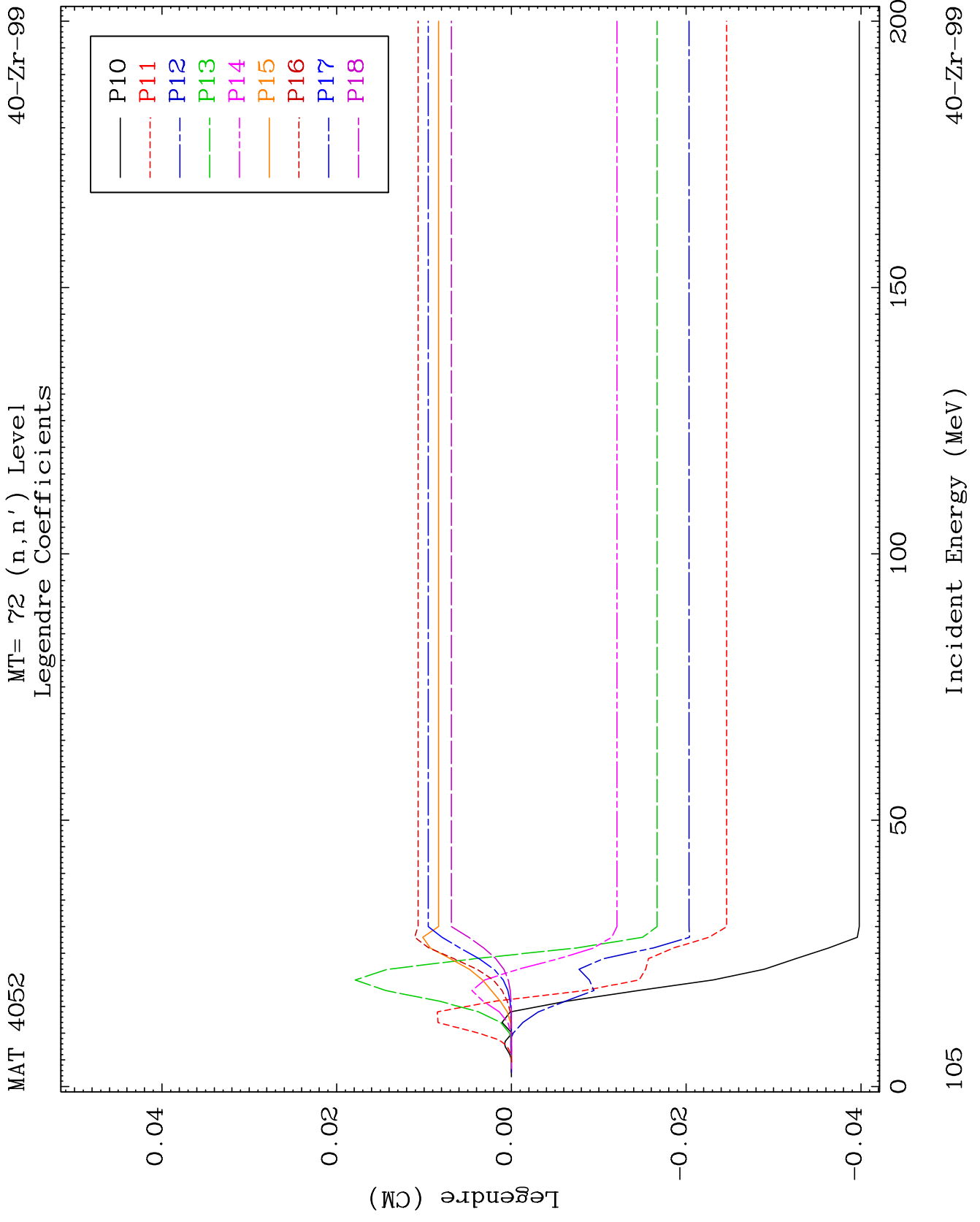
Incident Energy (MeV)

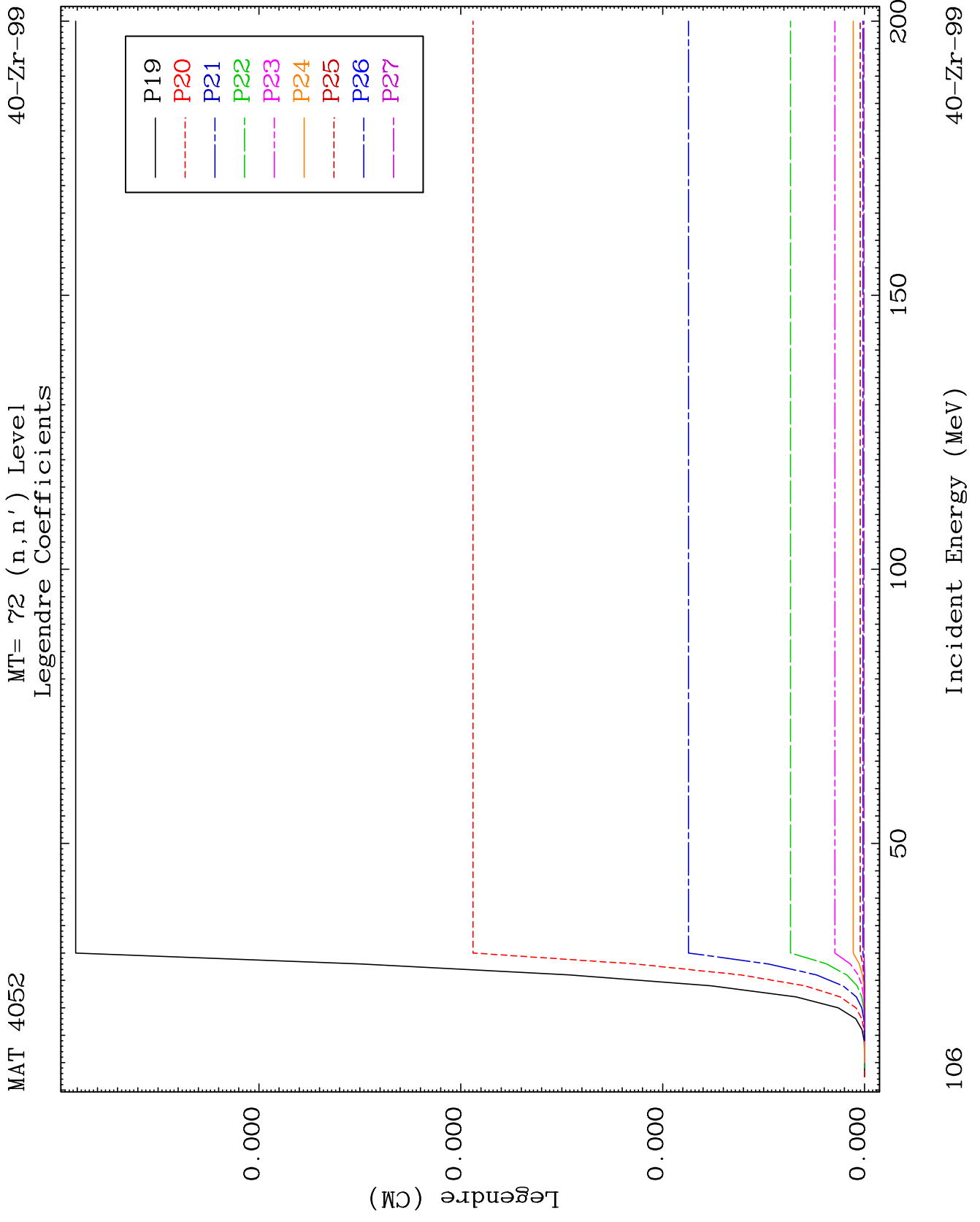
101

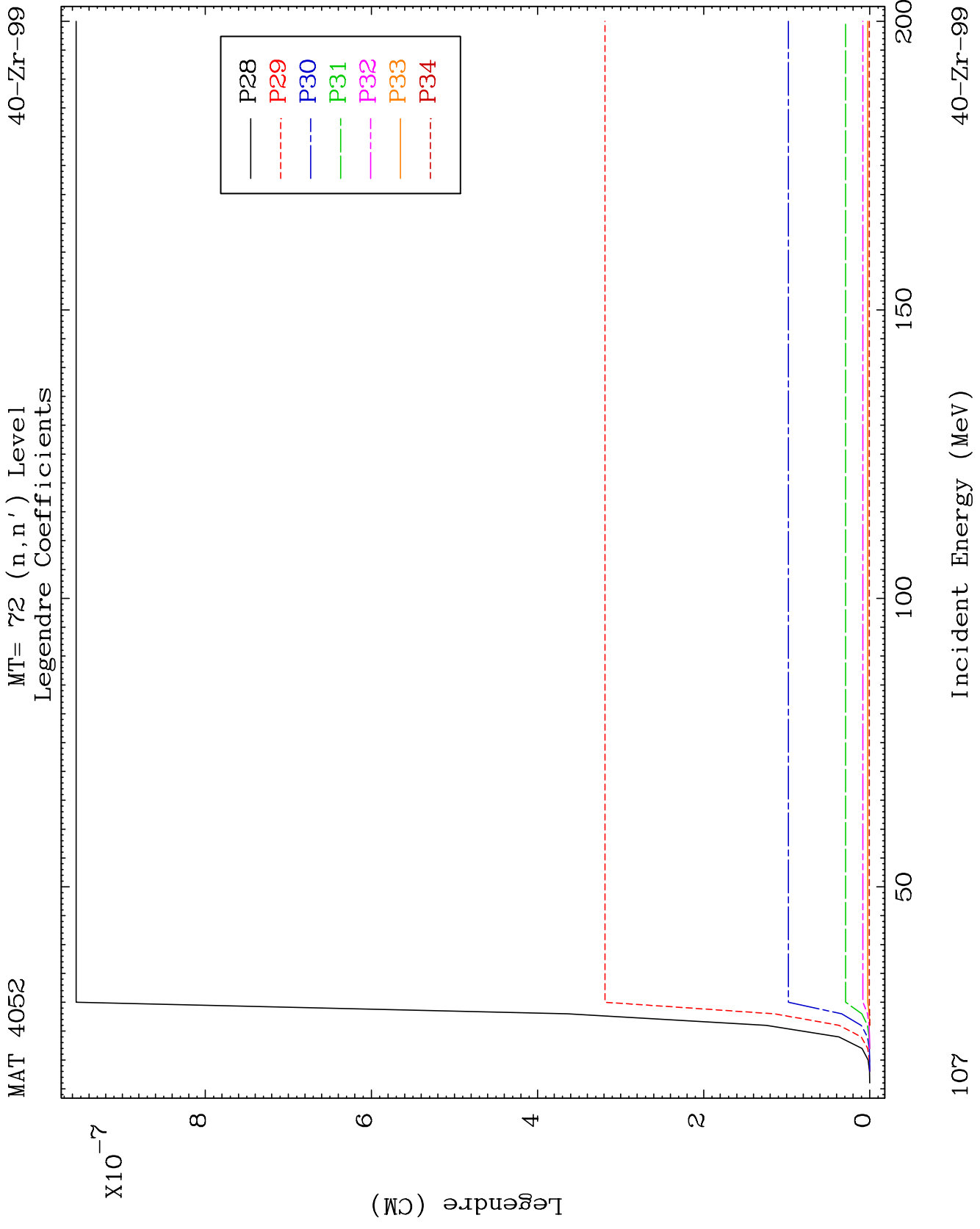








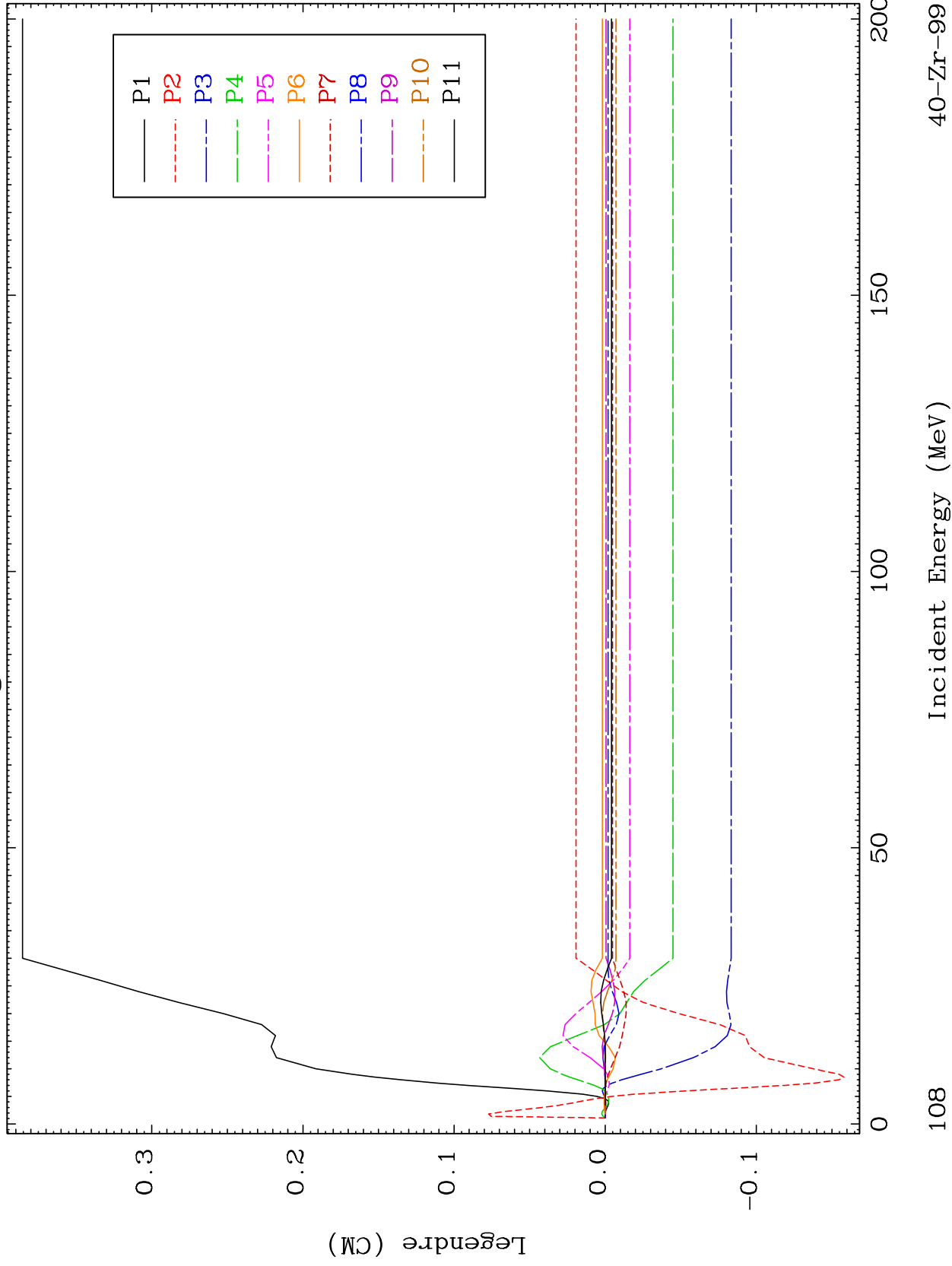




MAT 4052

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

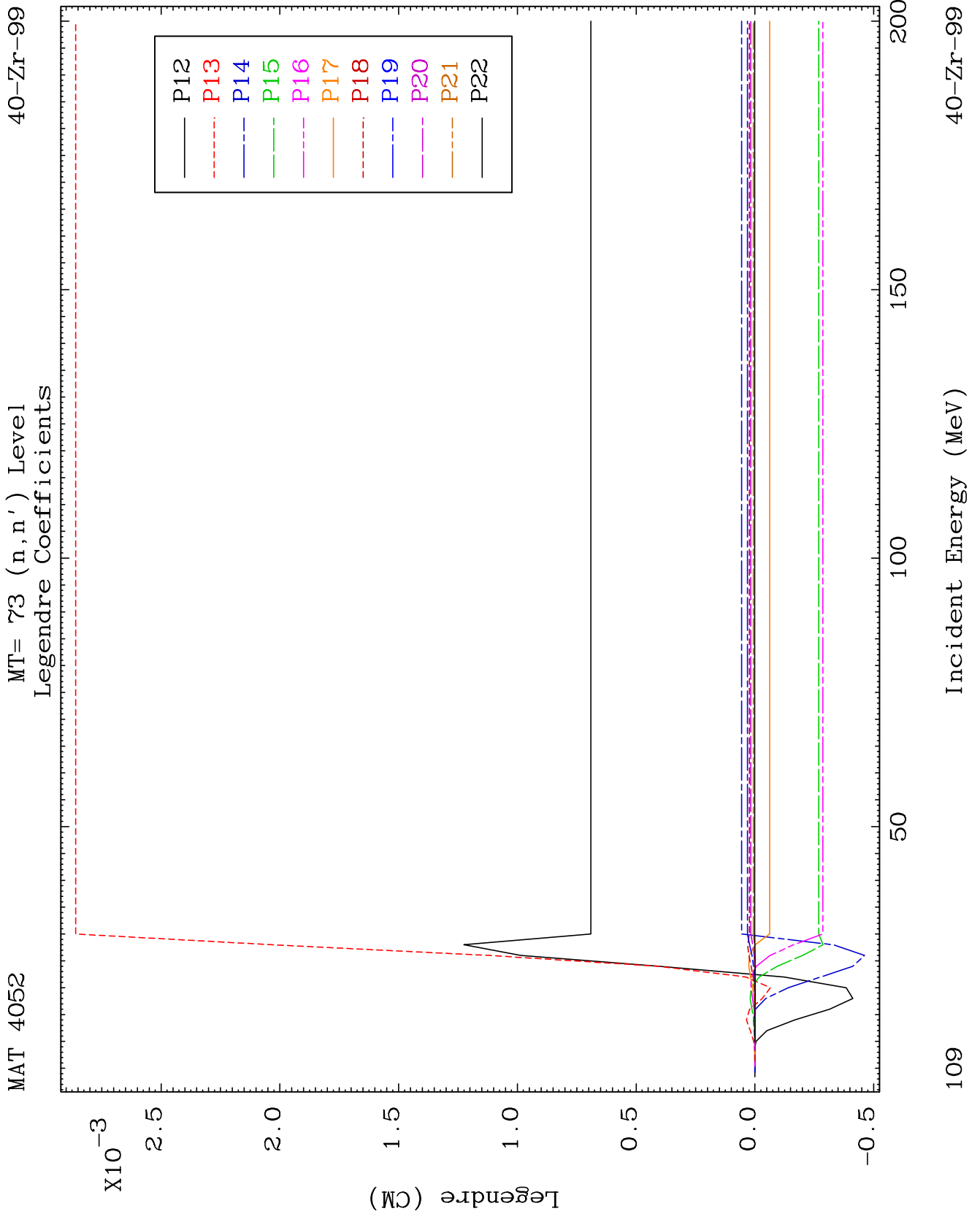
40-Zr-99

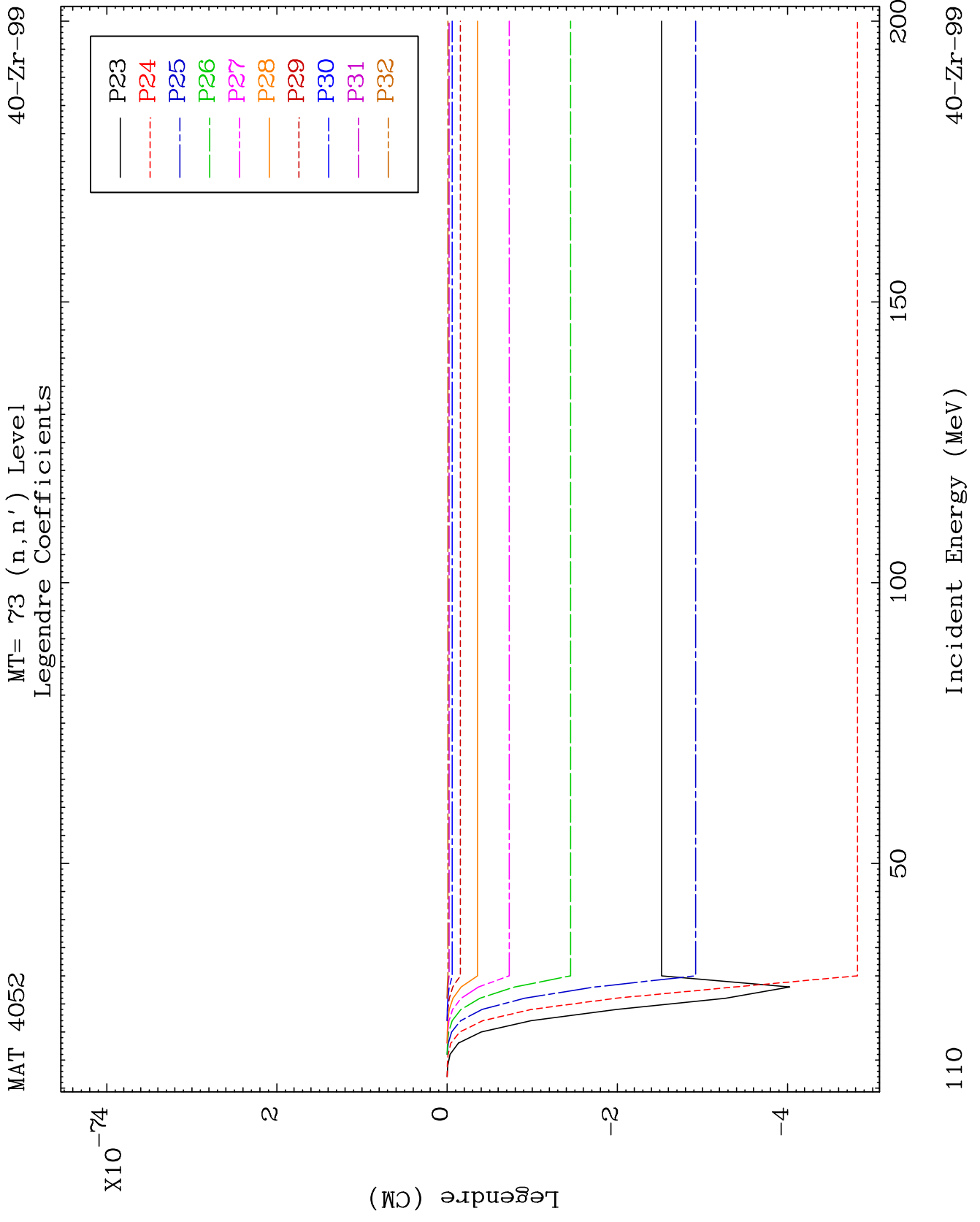


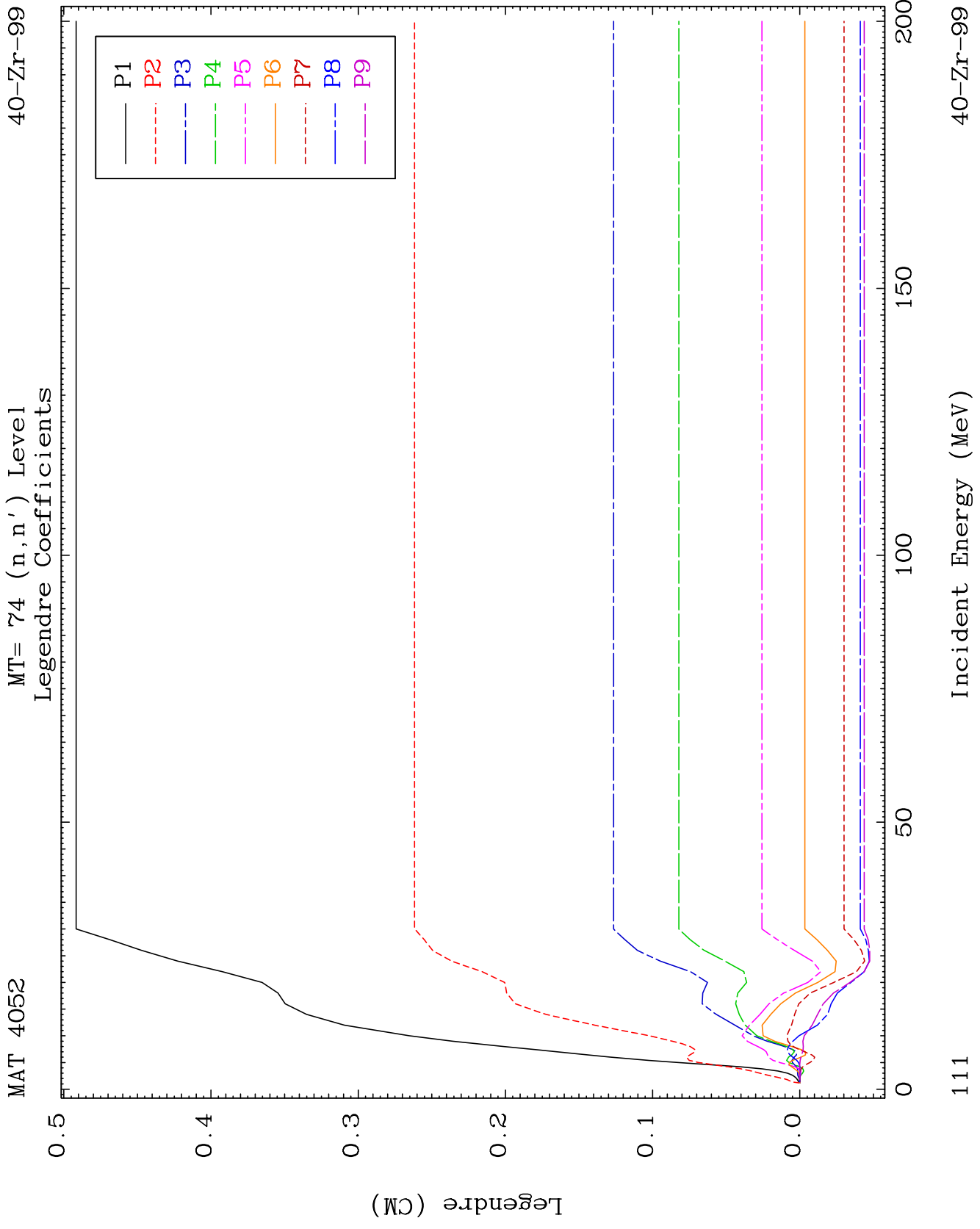
40-Zr-99

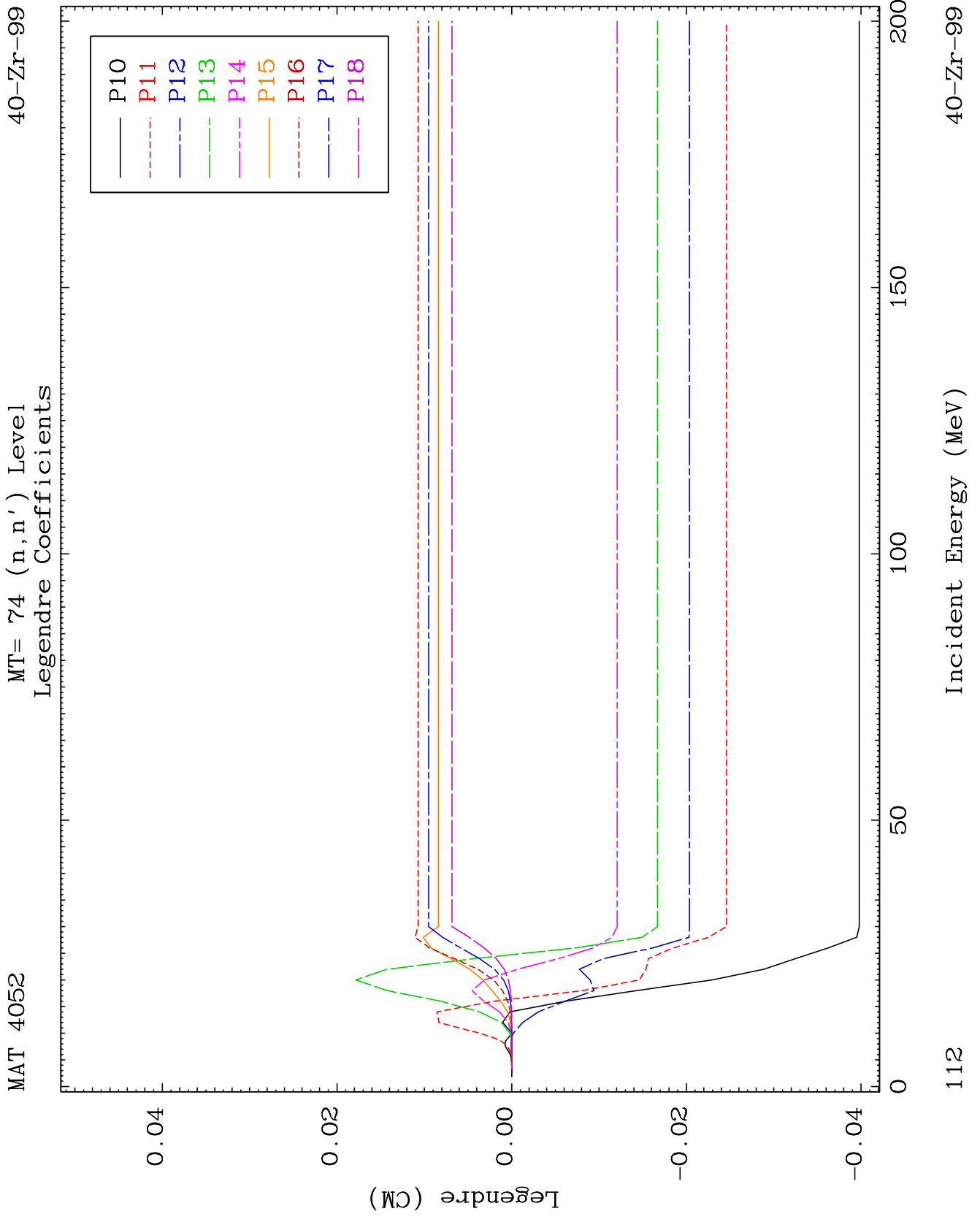
Incident Energy (MeV)

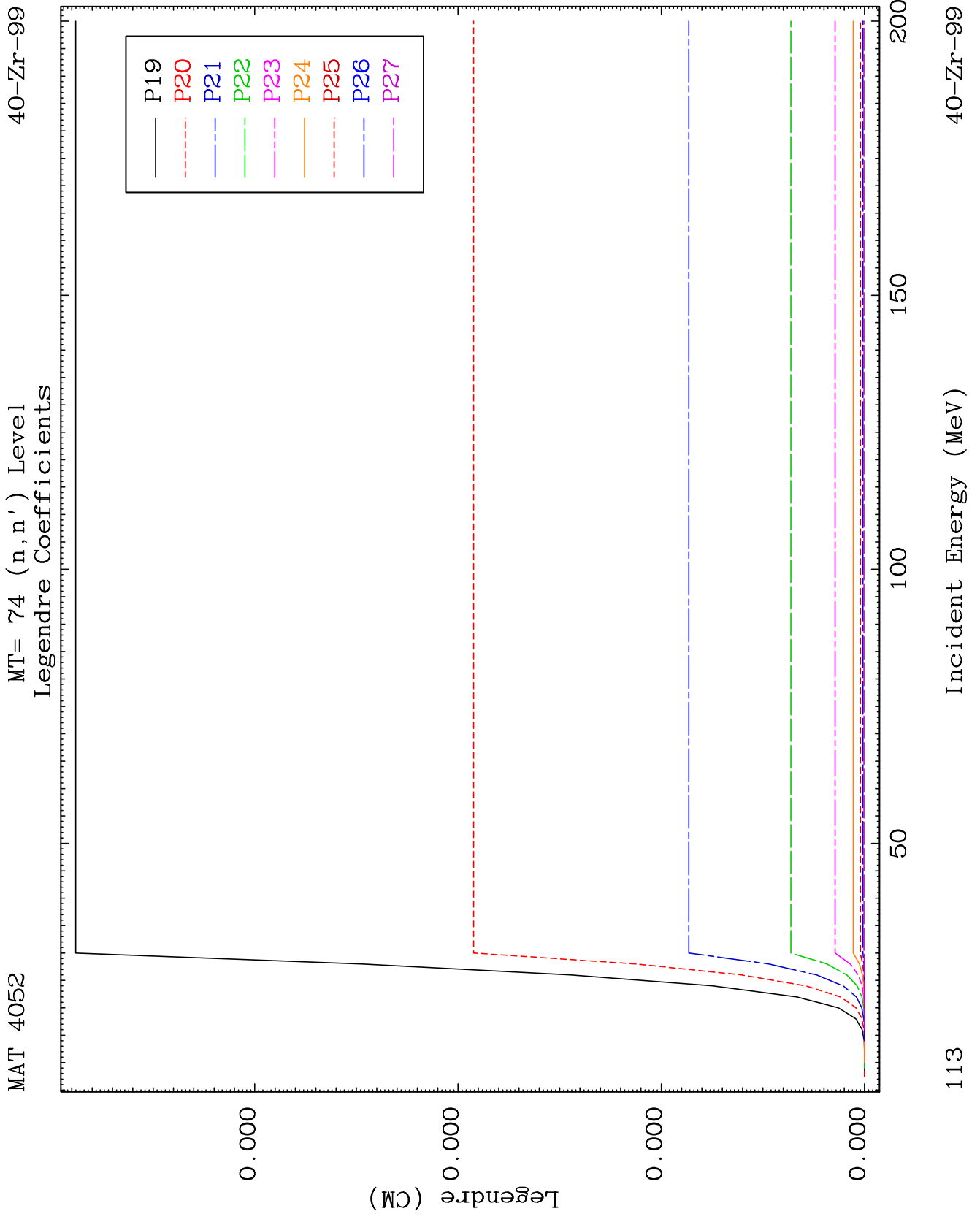
108







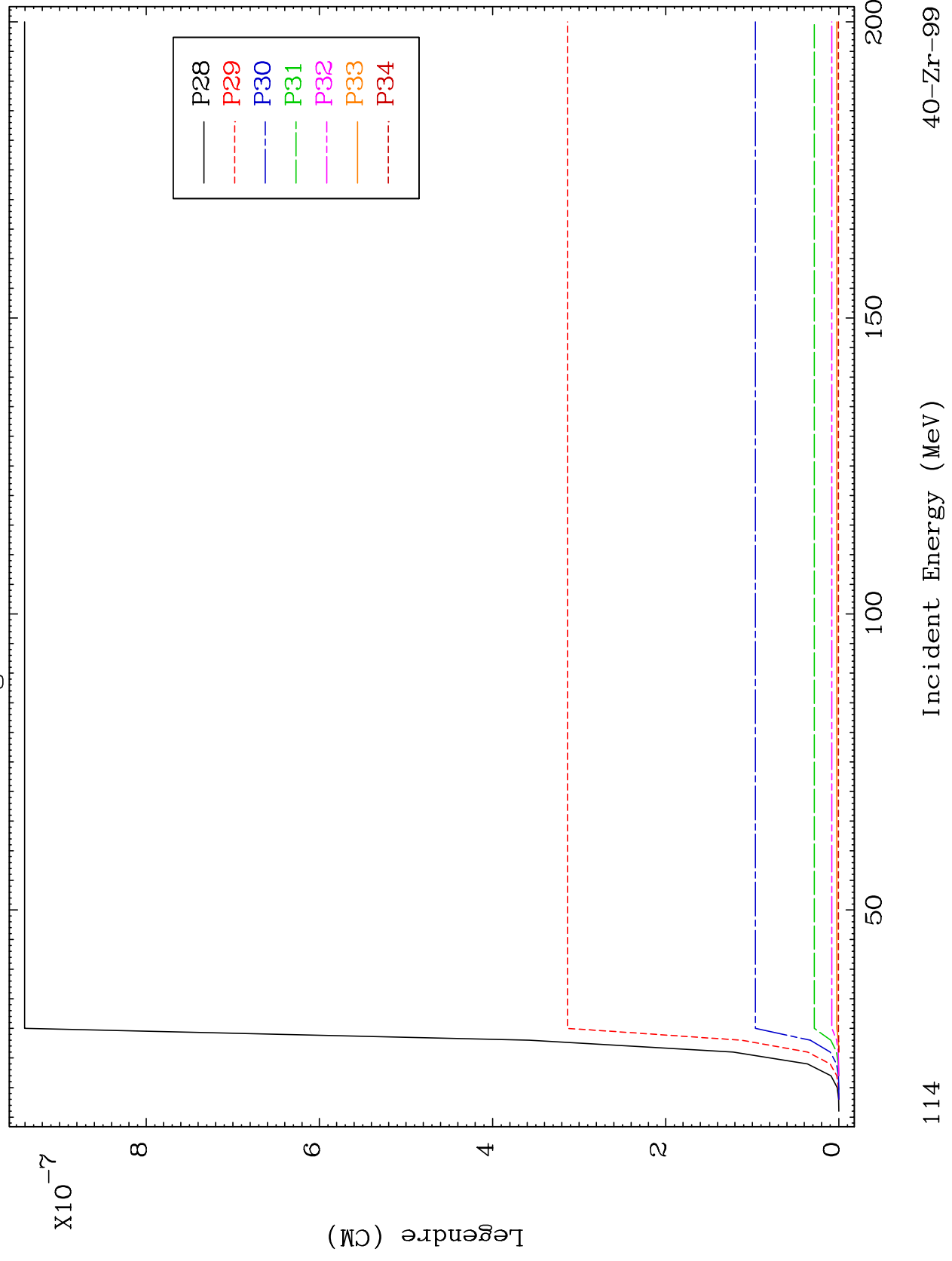




MAT 4052

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

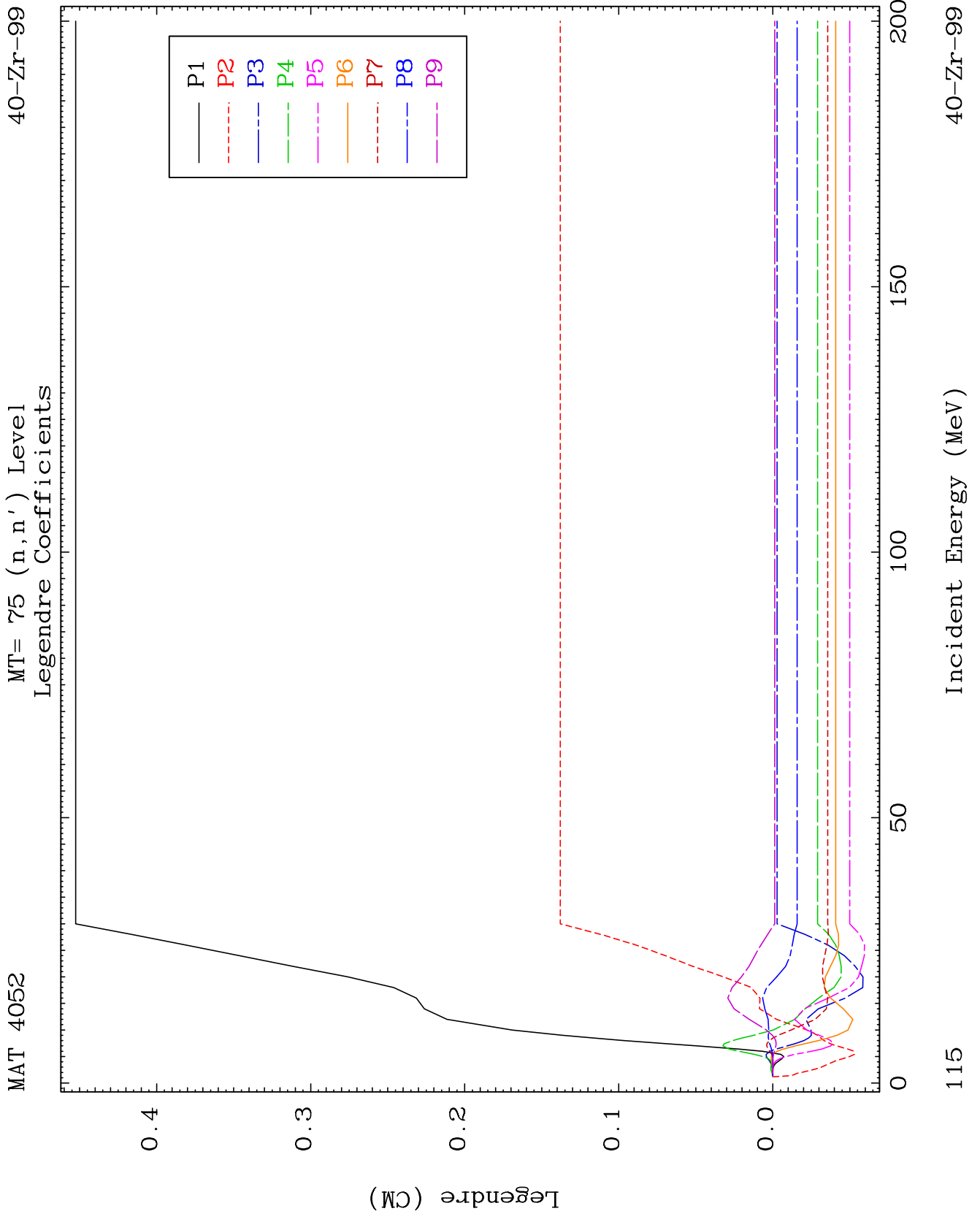
40-Zr-99



114

Incident Energy (MeV)

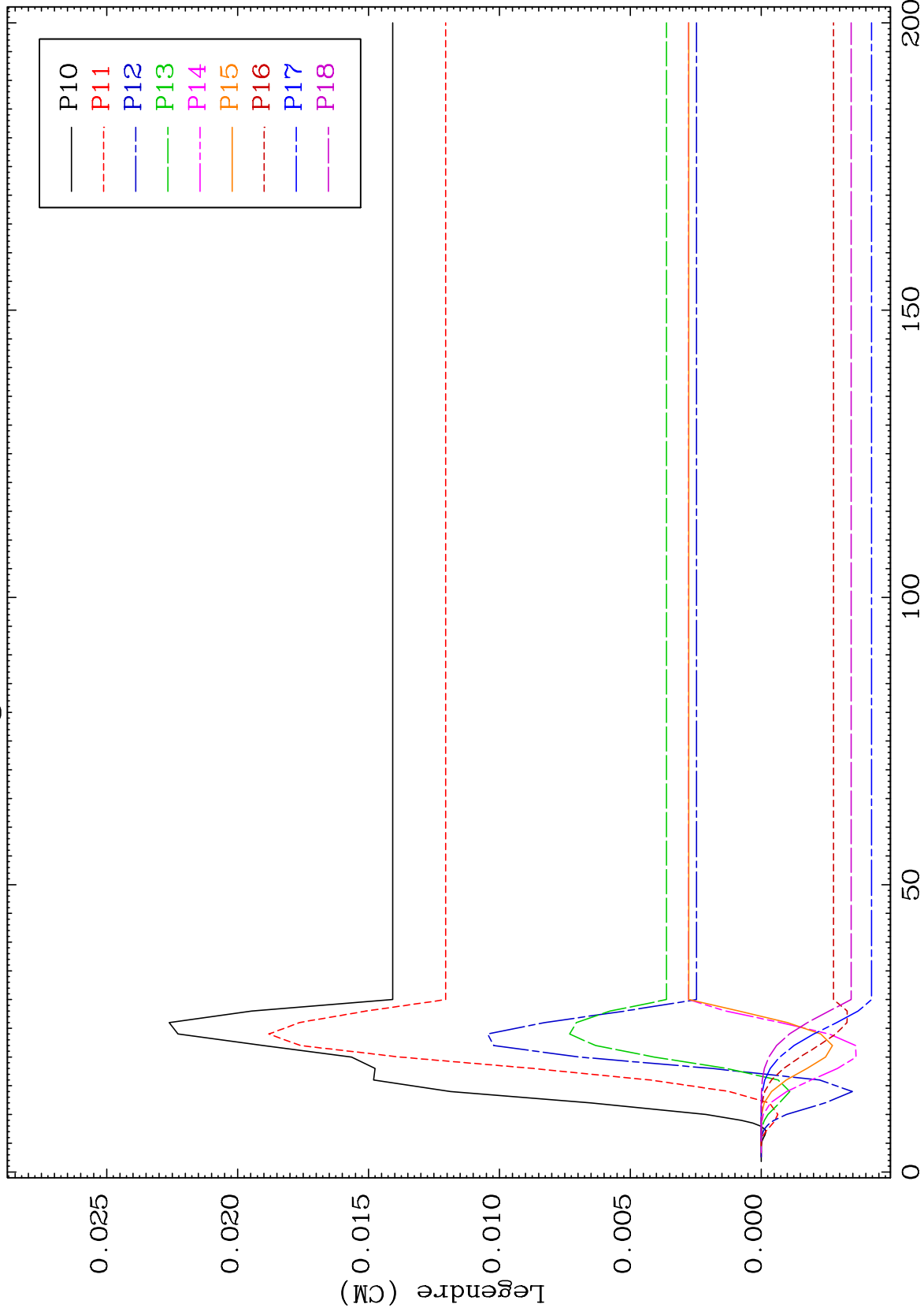
40-Zr-99



MAT 4052

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

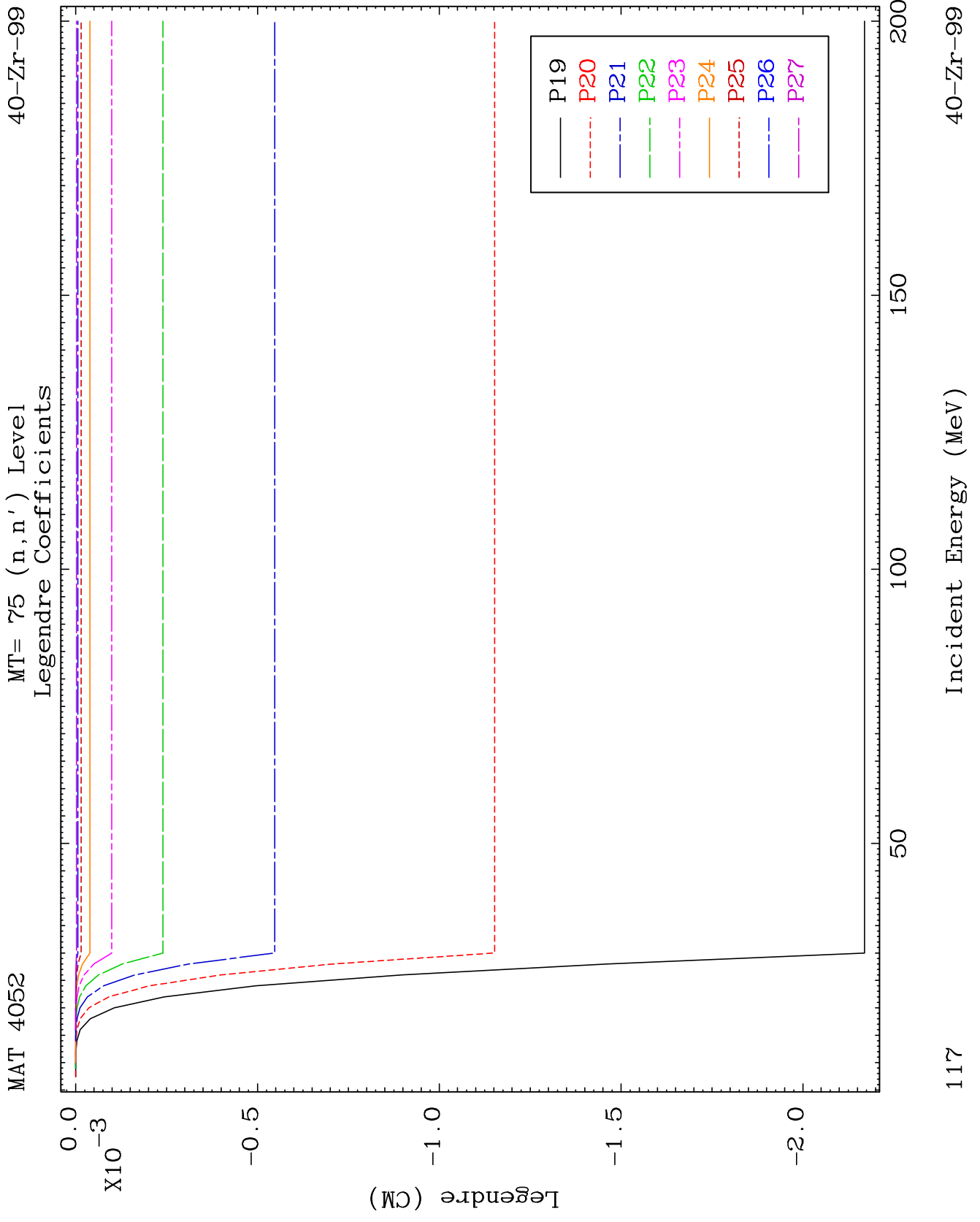
40-Zr-99

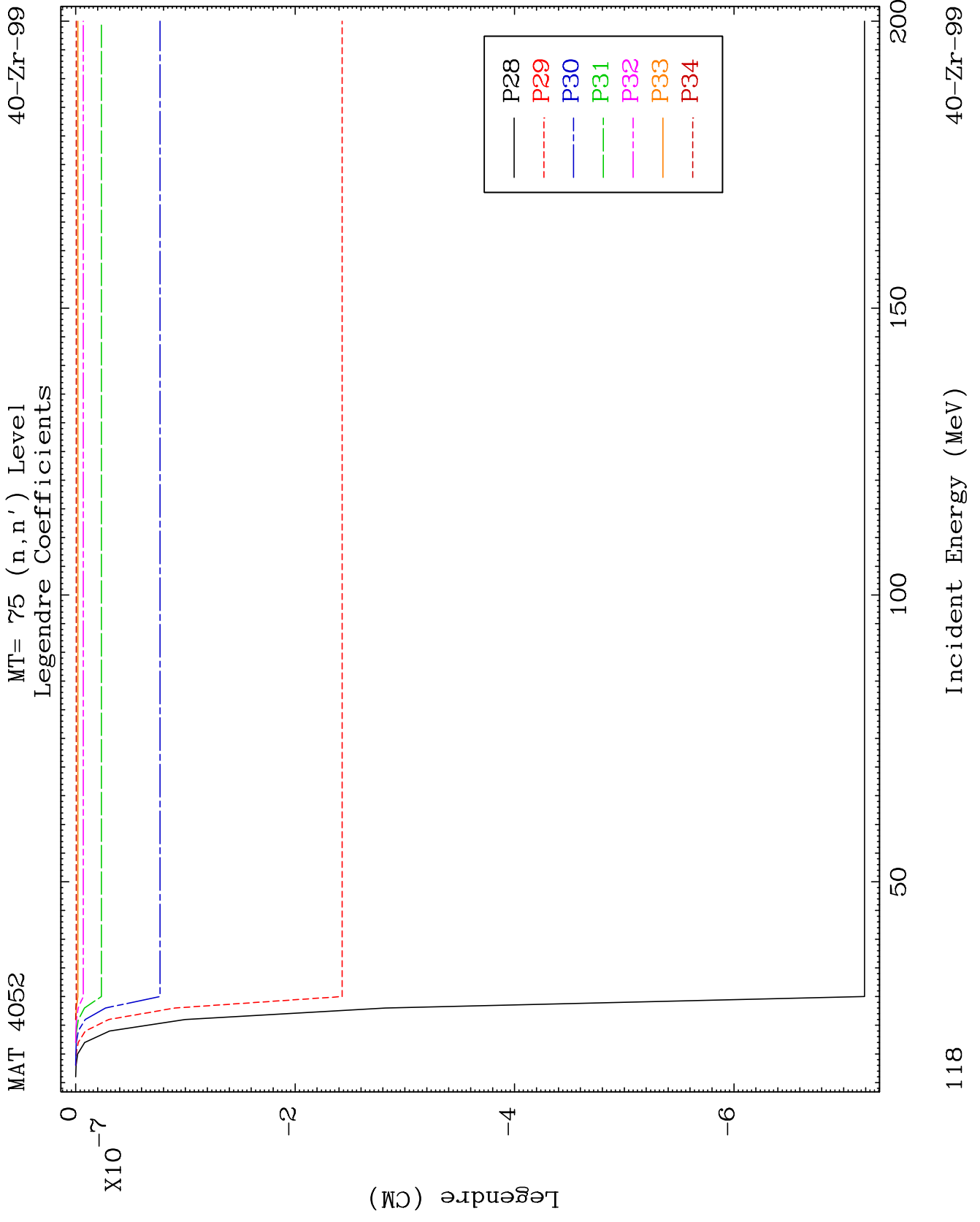


116

Incident Energy (MeV)

40-Zr-99

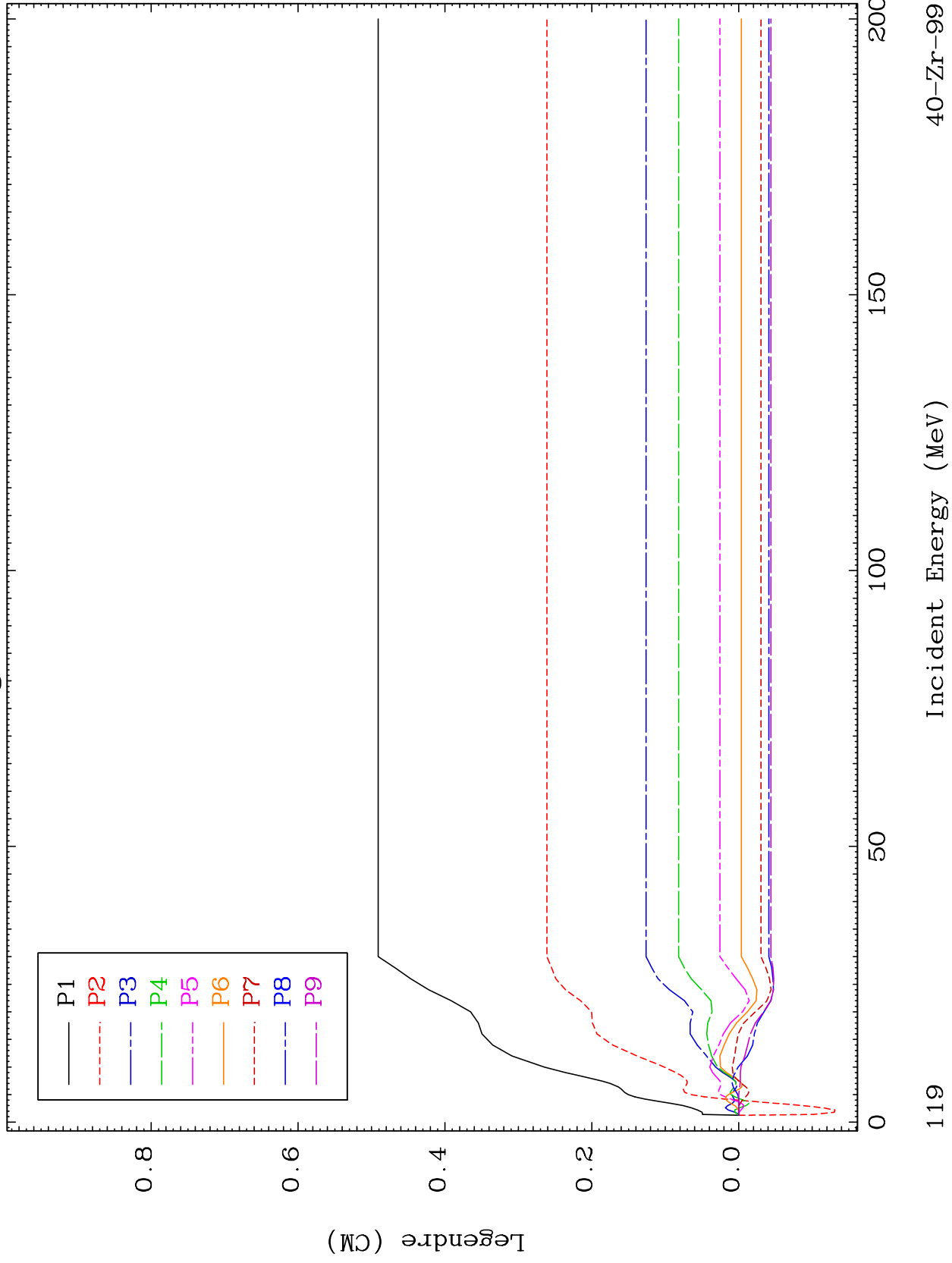




MAT 4052

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

40-Zr-99



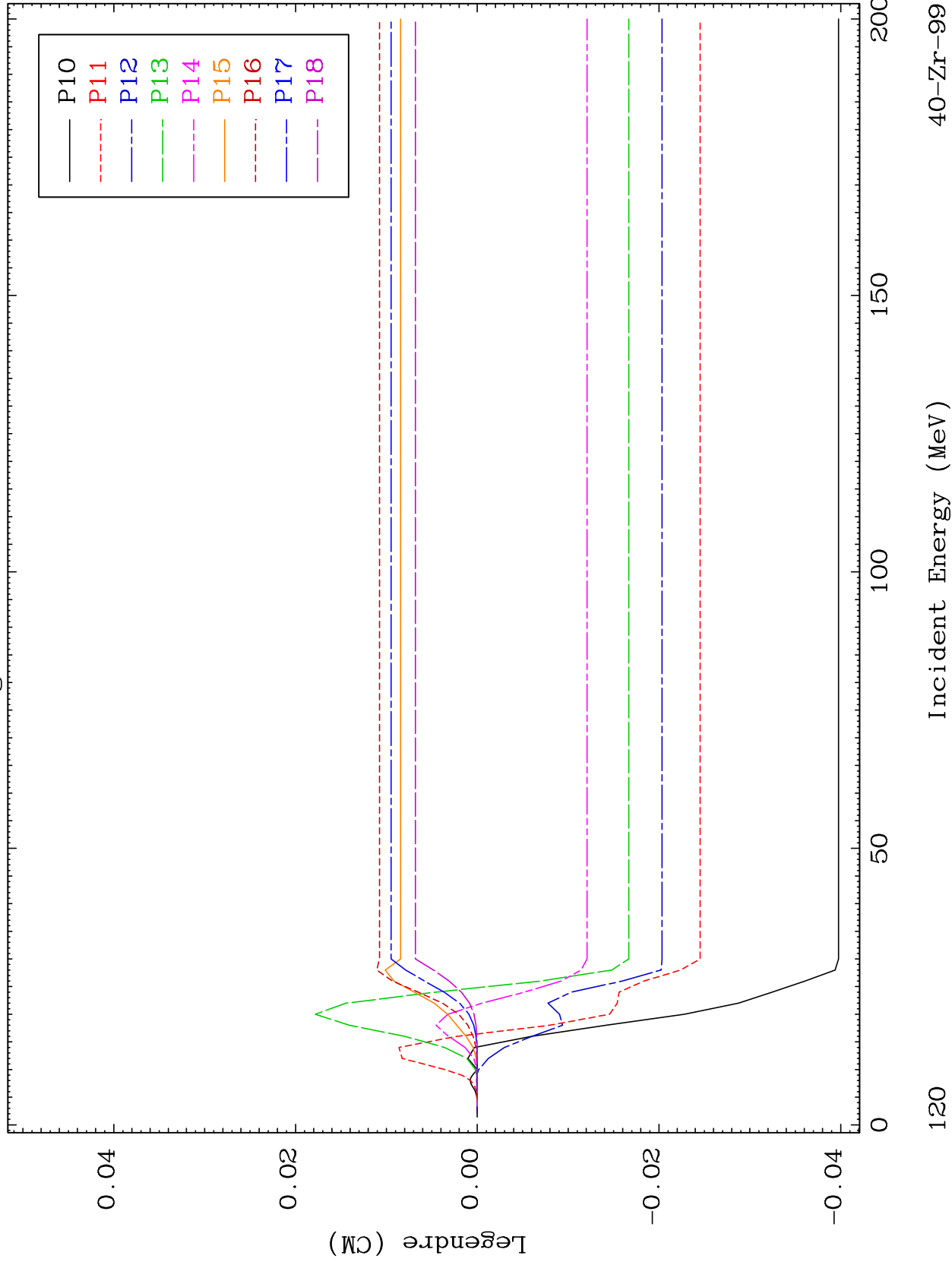
119

40-Zr-99

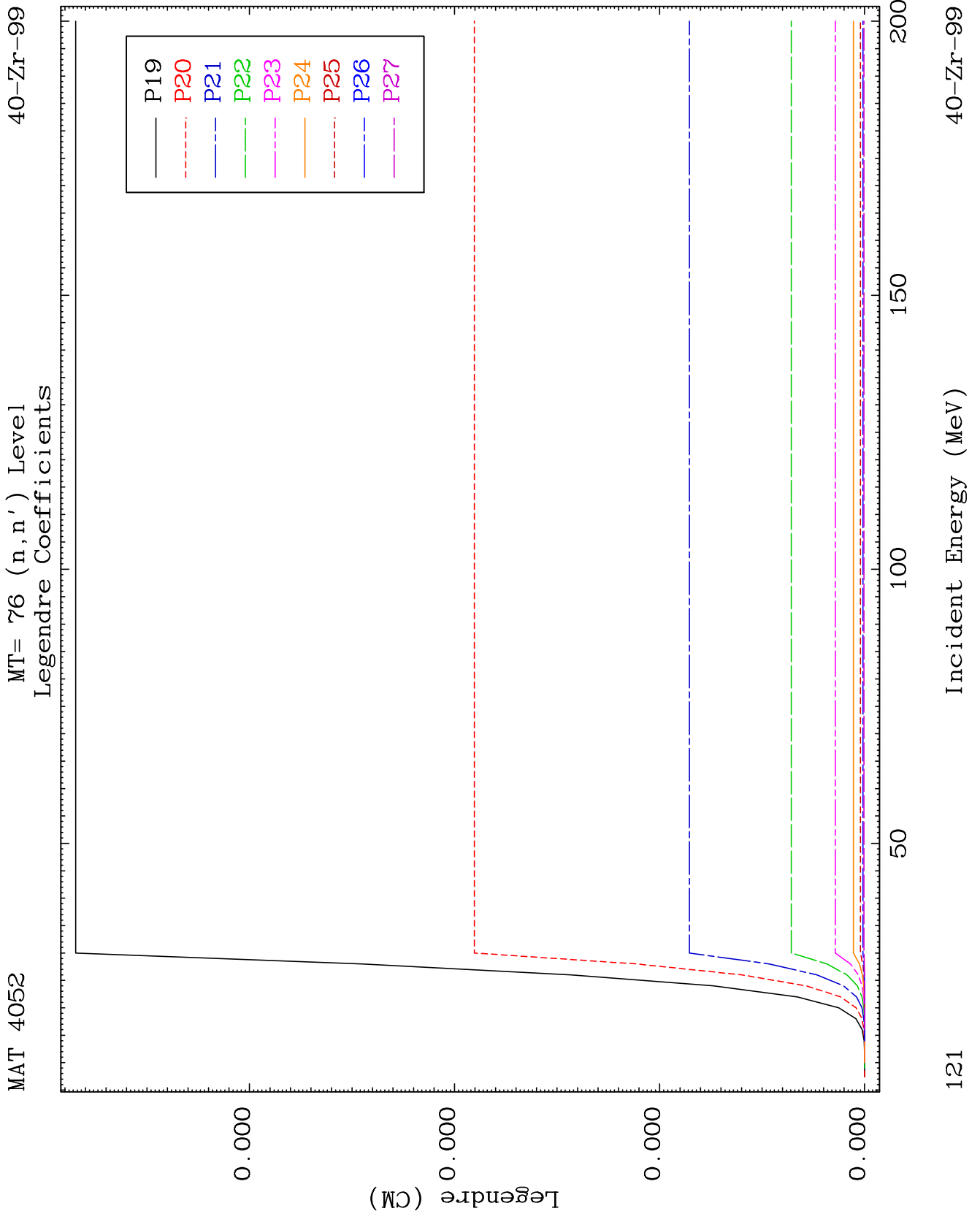
MAT 4052

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

40-Zr-99



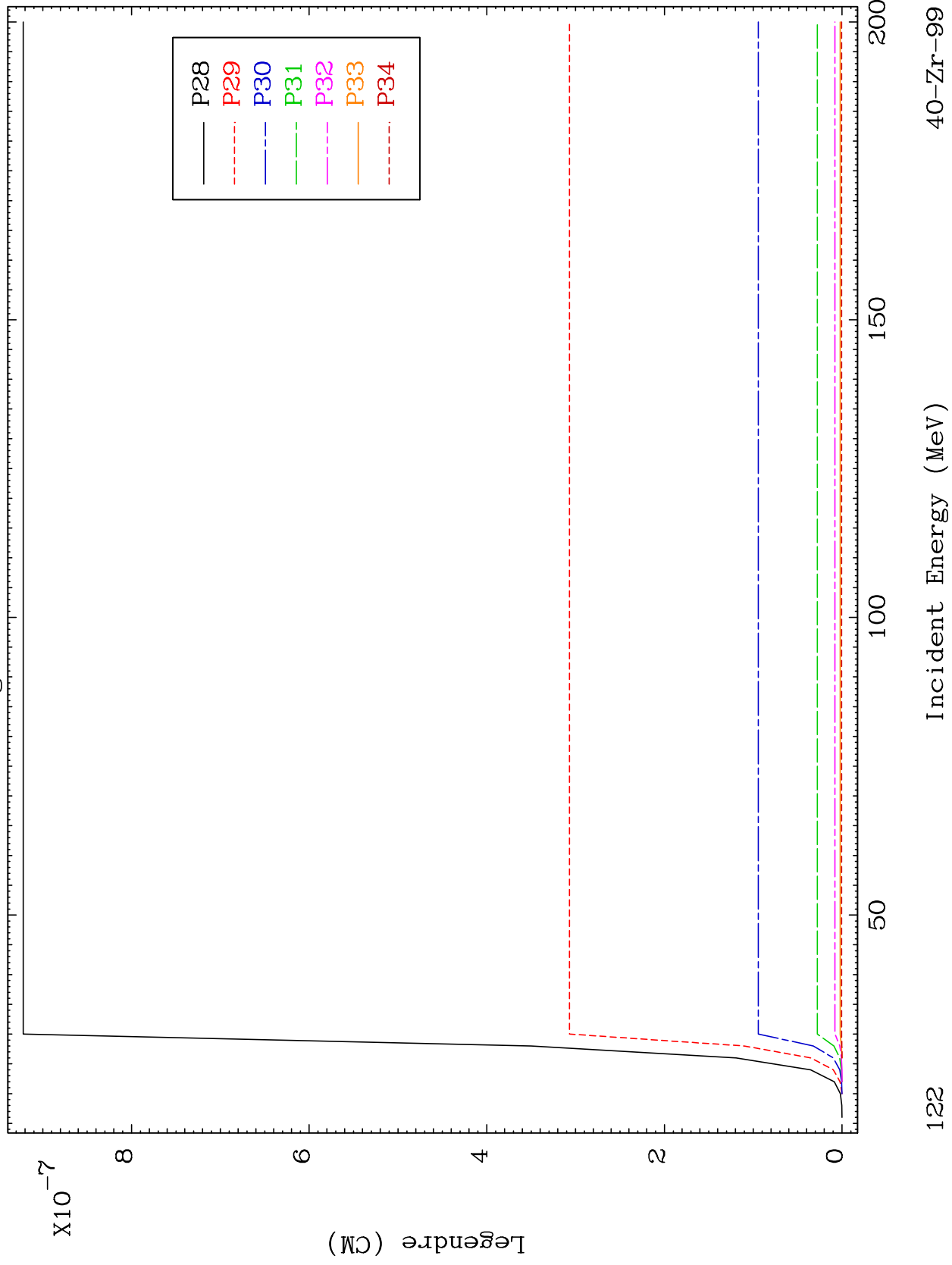
40-Zr-99



MAT 4052

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

40-Zr-99

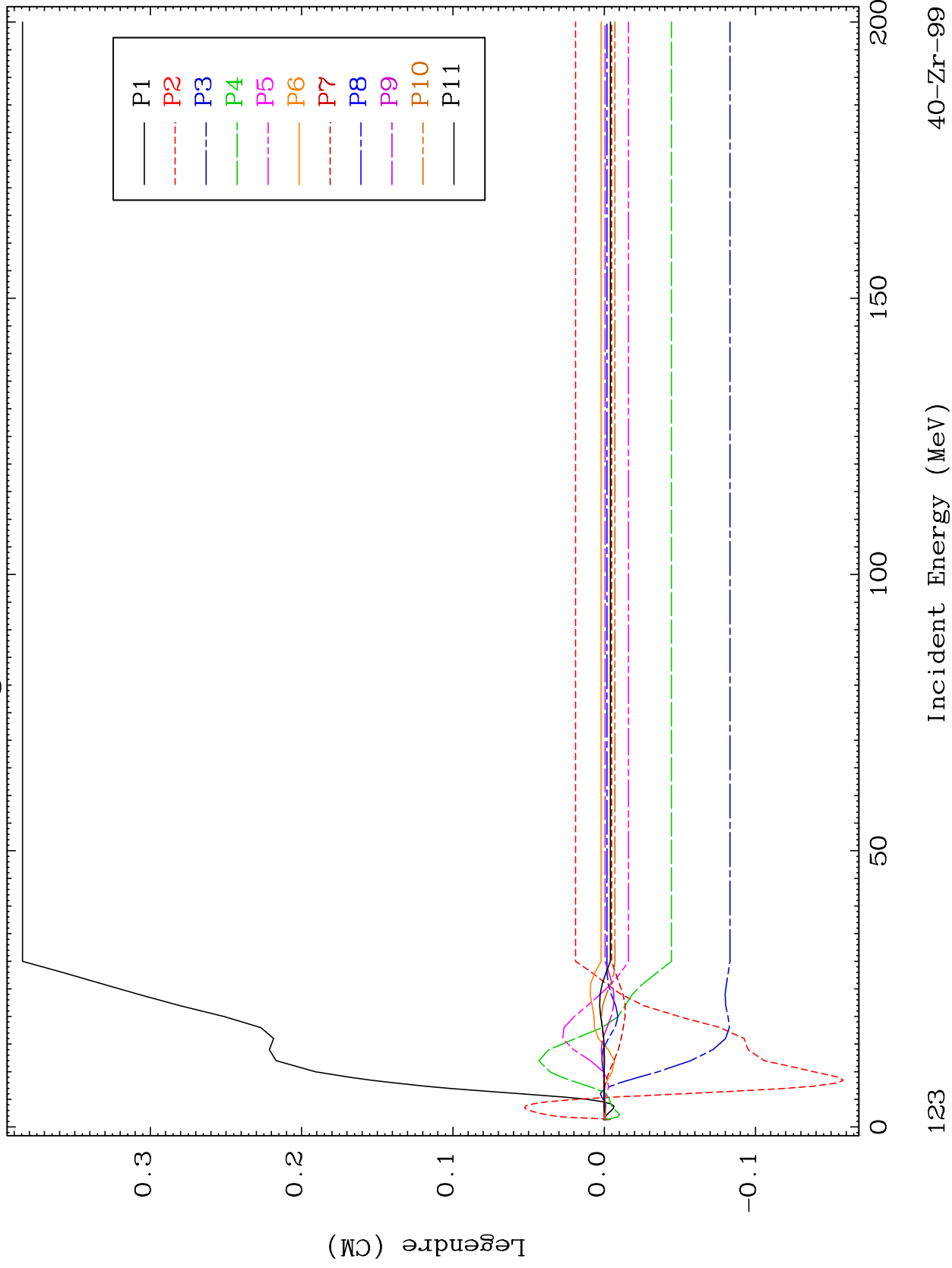


122

MAT 4052

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

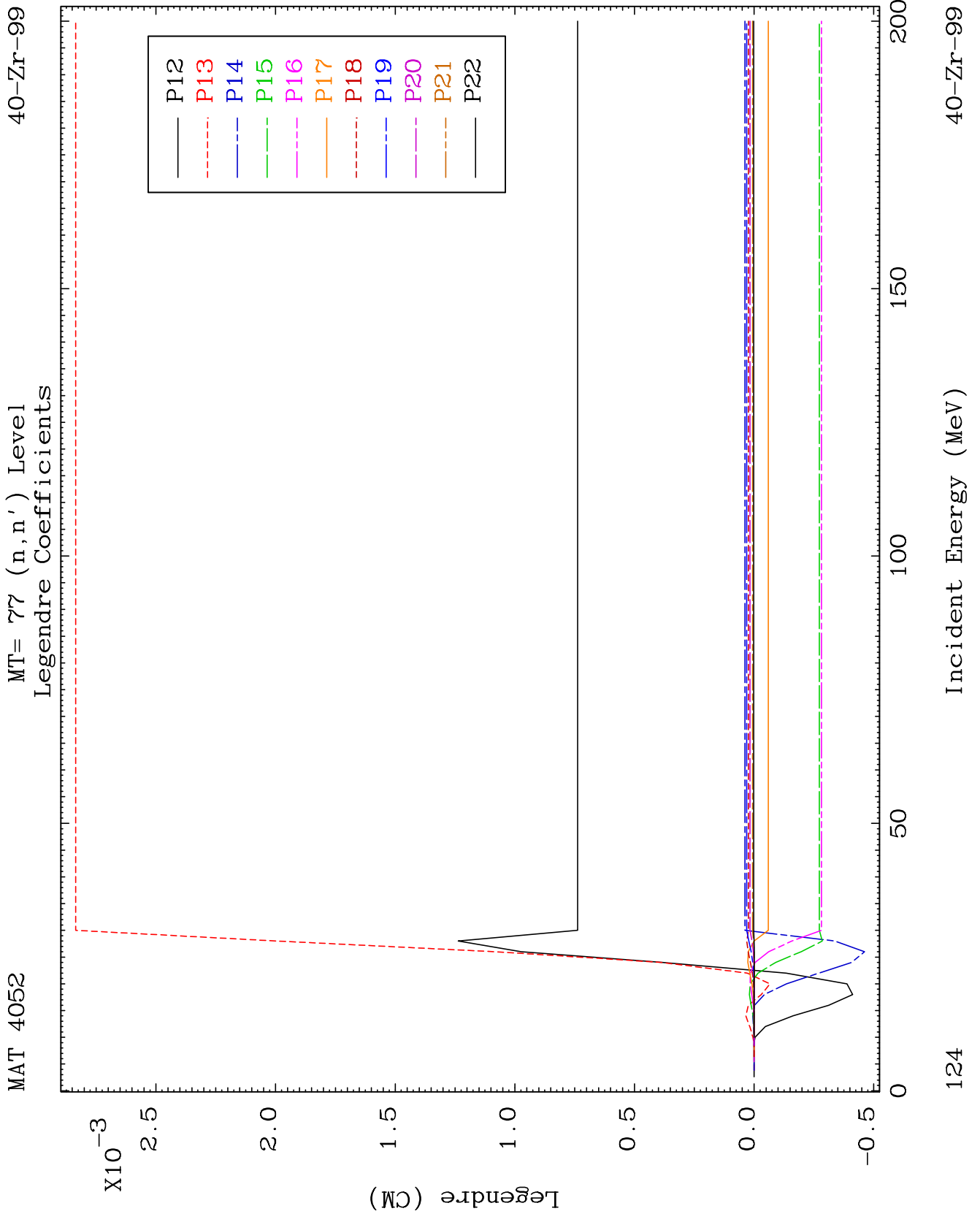
40-Zr-99



123

Incident Energy (MeV)

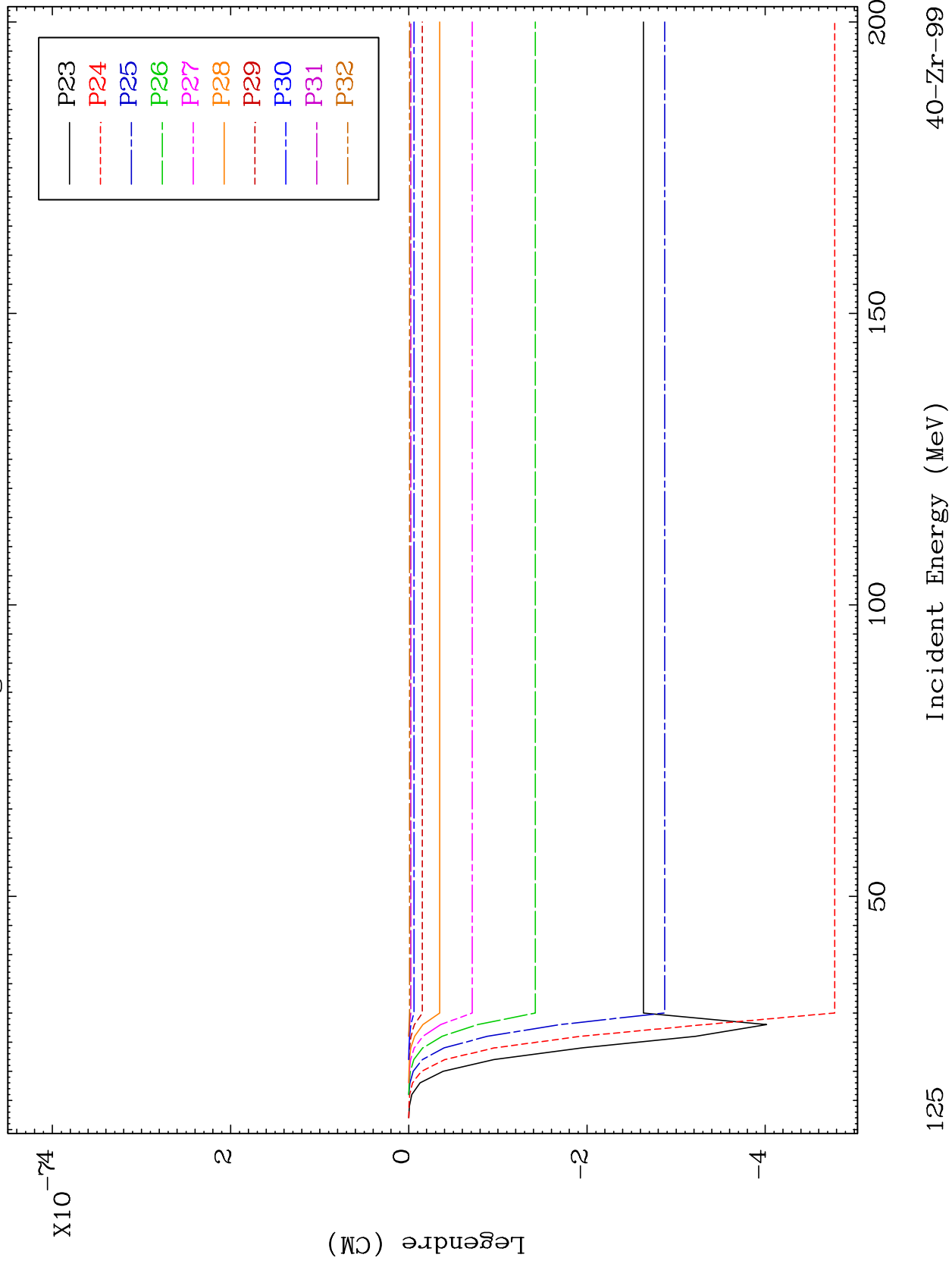
40-Zr-99



MAT 4052

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

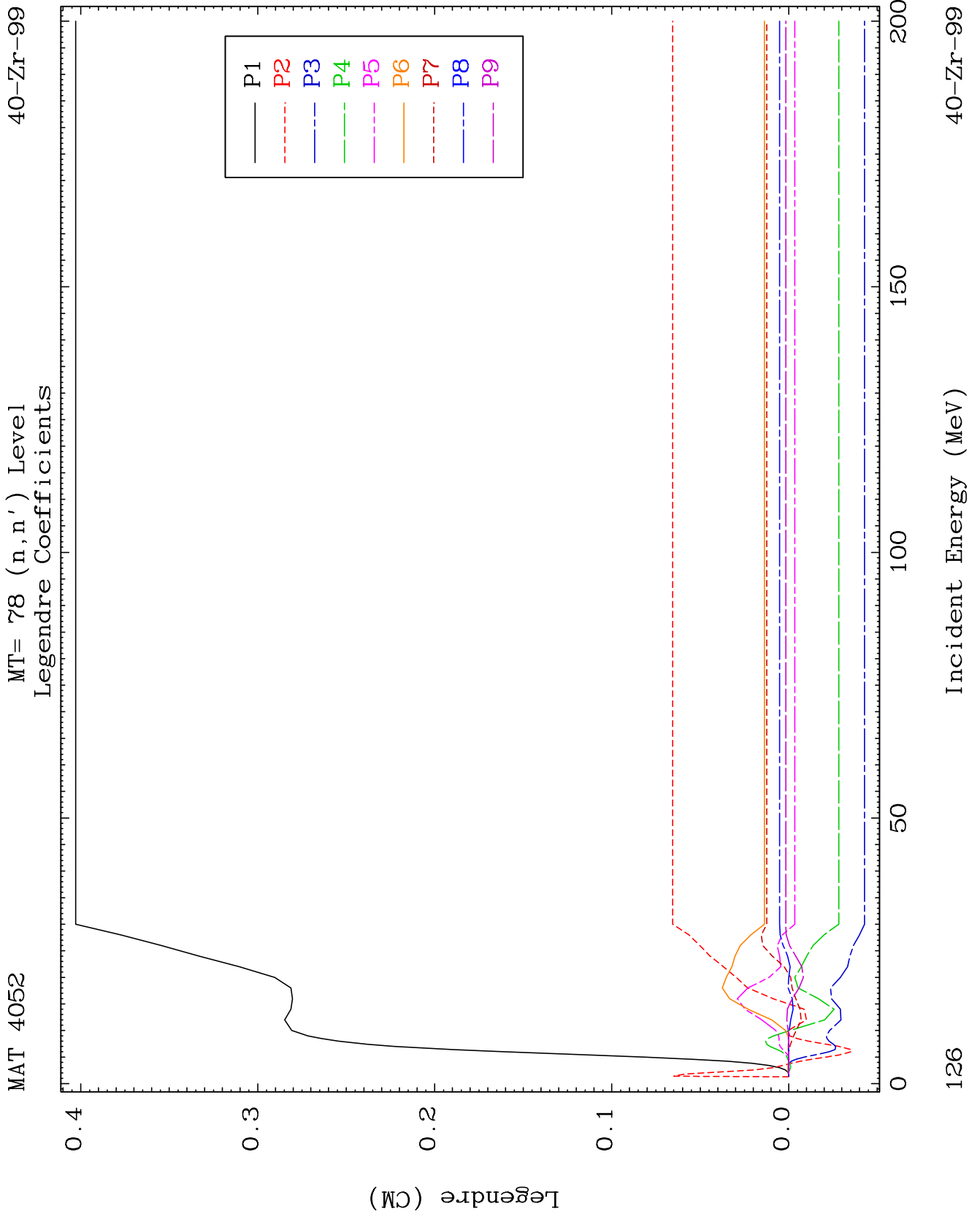
40-Zr-99



125

Incident Energy (MeV)

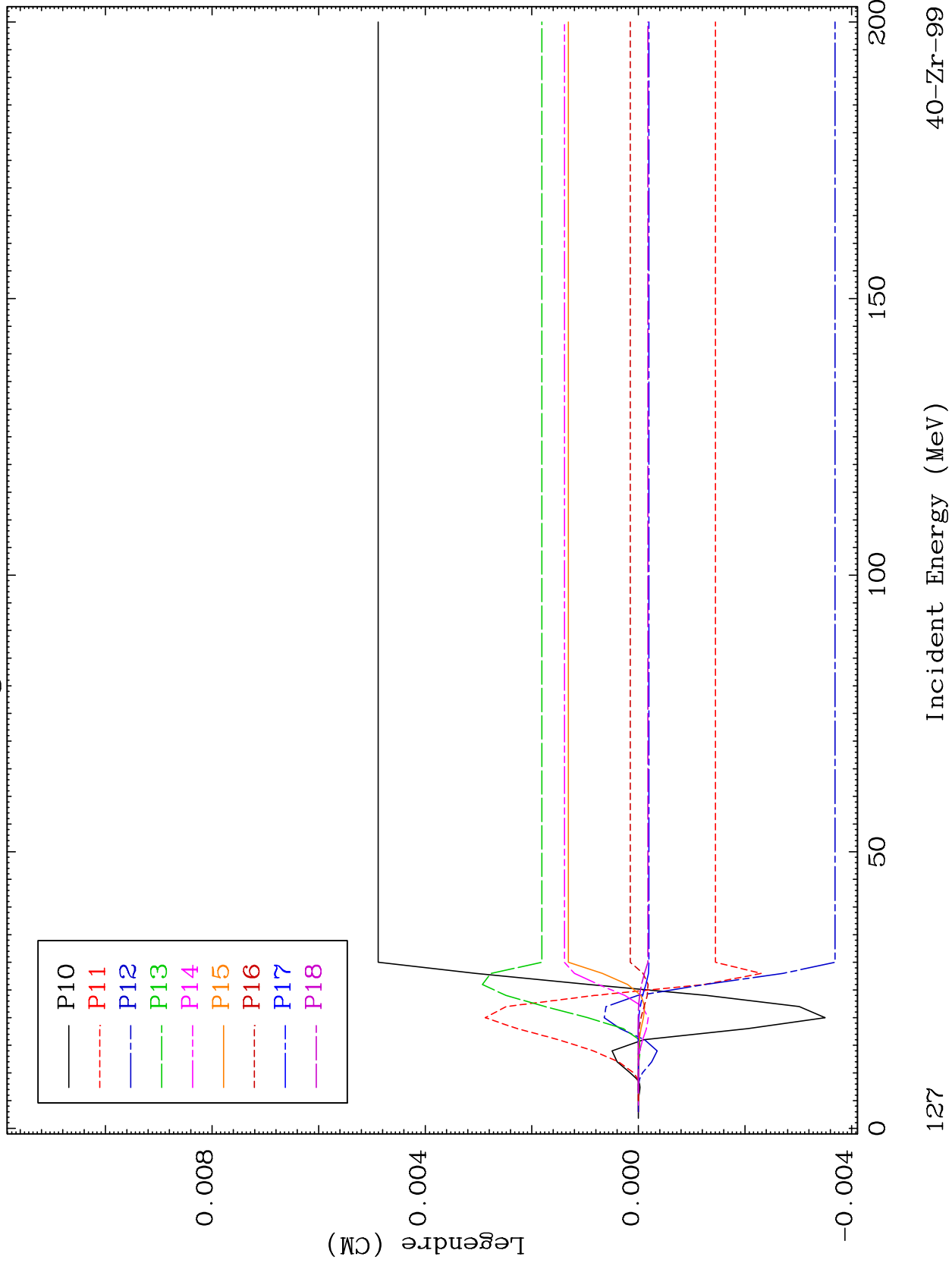
40-Zr-99



MAT 4052

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

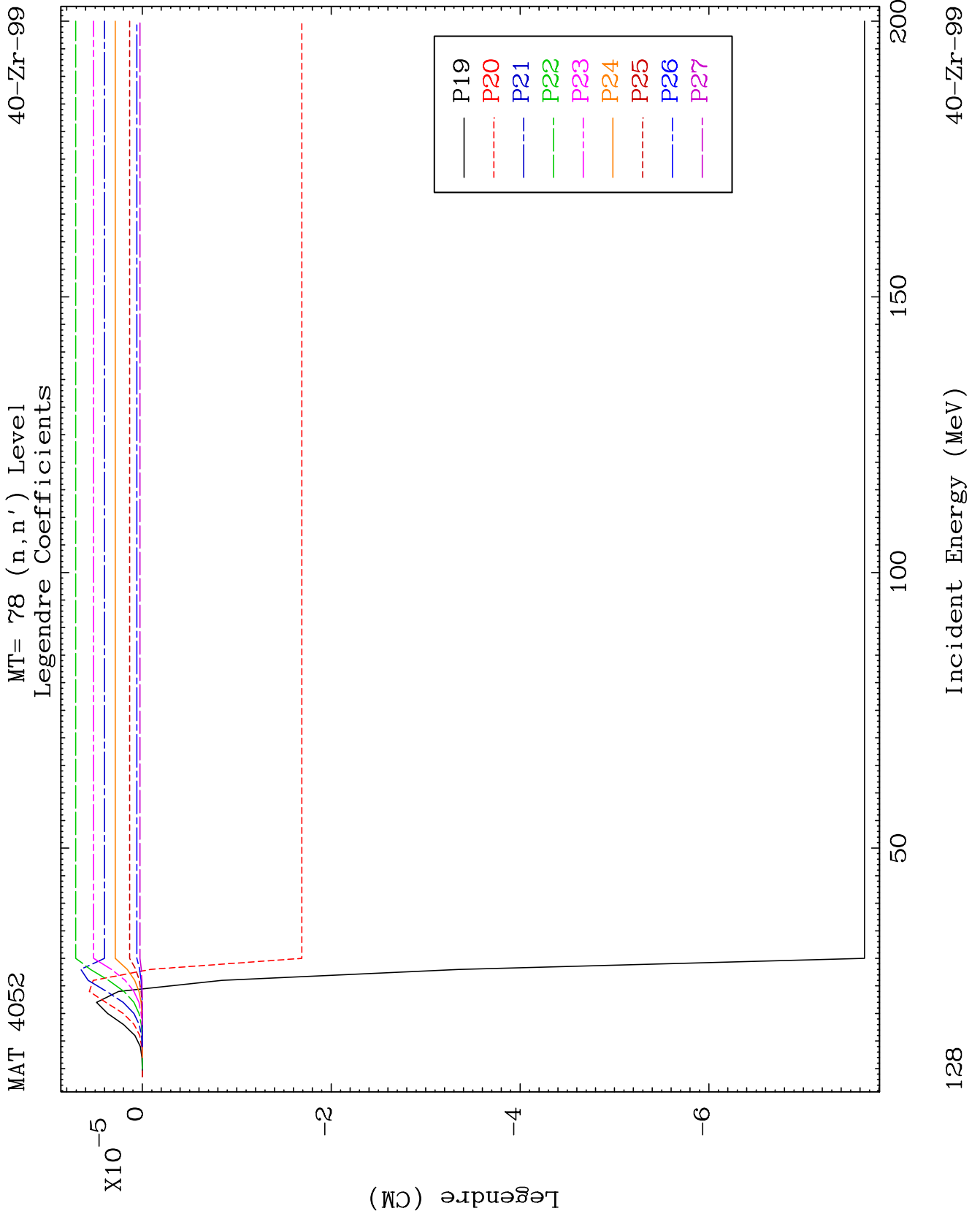
40-Zr-99



127

Incident Energy (MeV)

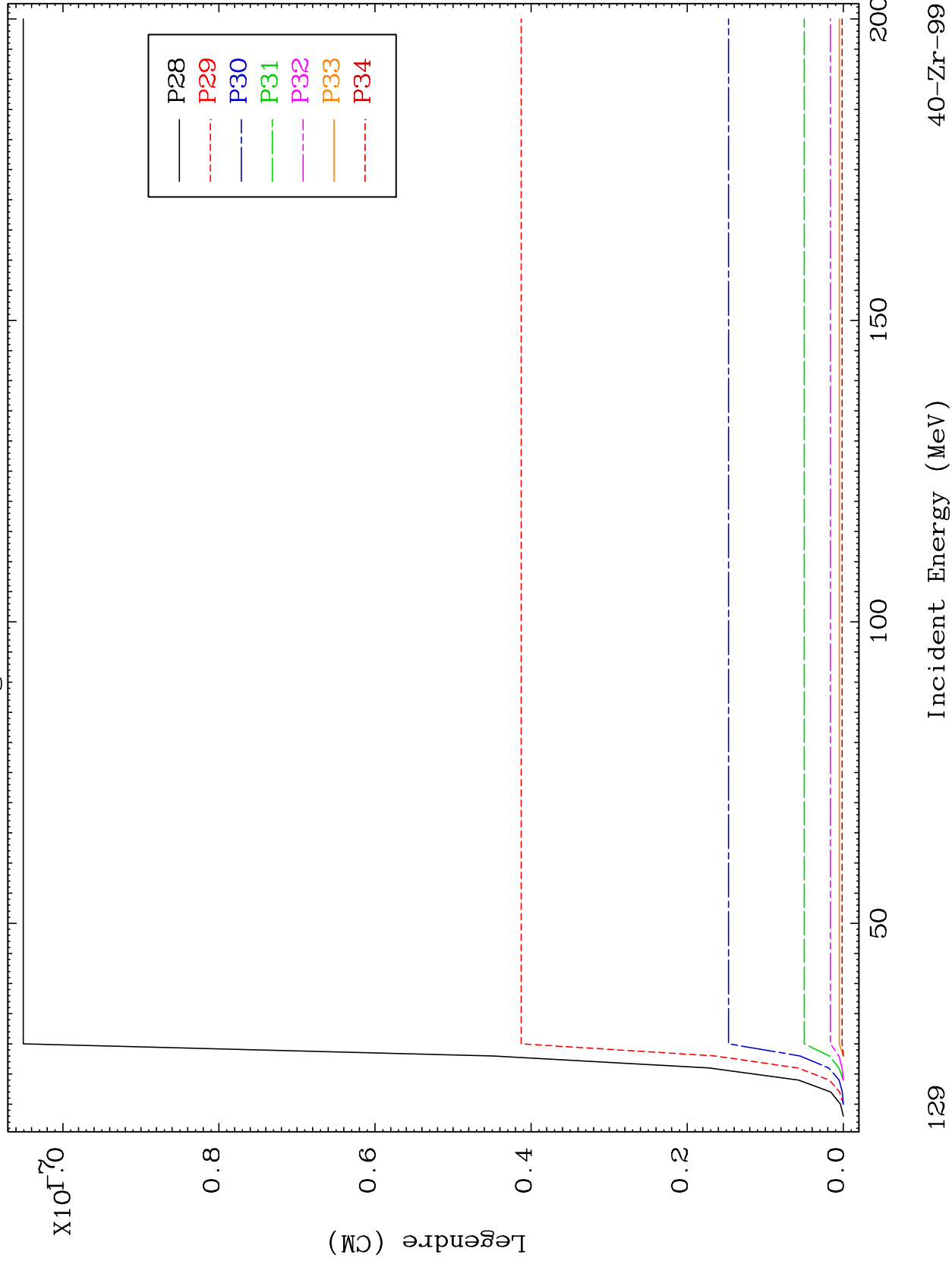
40-Zr-99



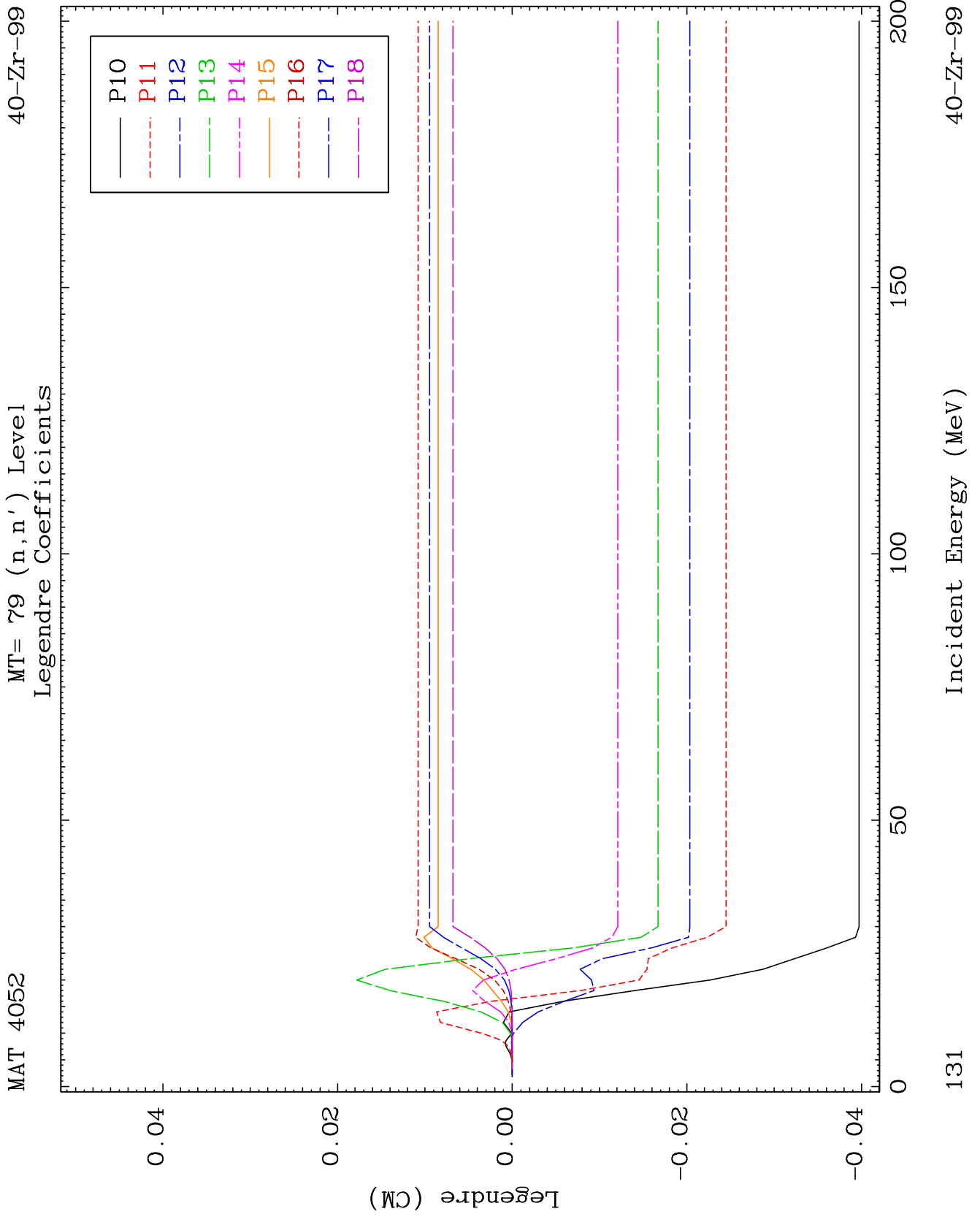
MAT 4052

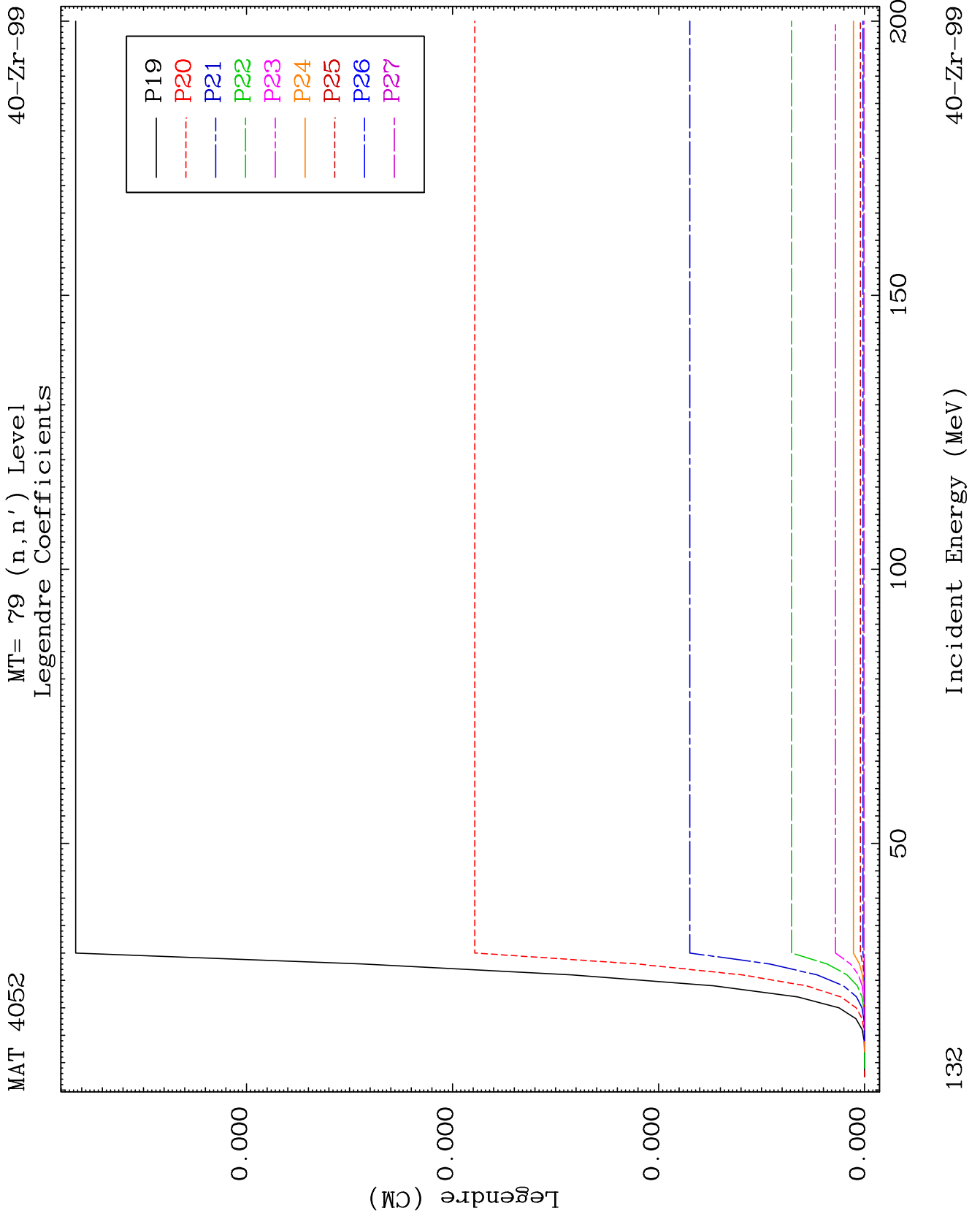
MT= 78 (n,n') Level
Legendre Coefficients

40-Zr-99



129

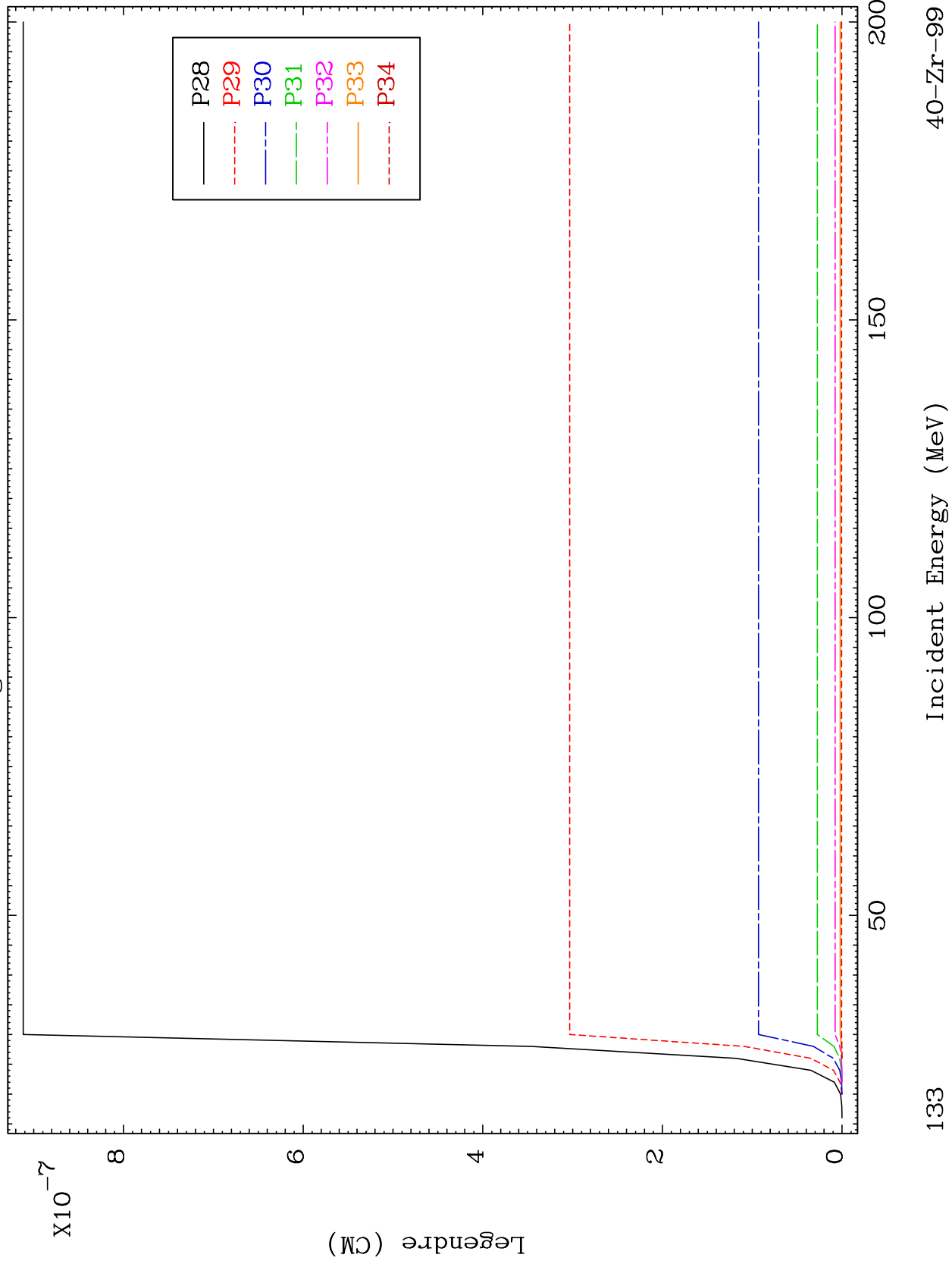




MAT 4052

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

40-Zr-99



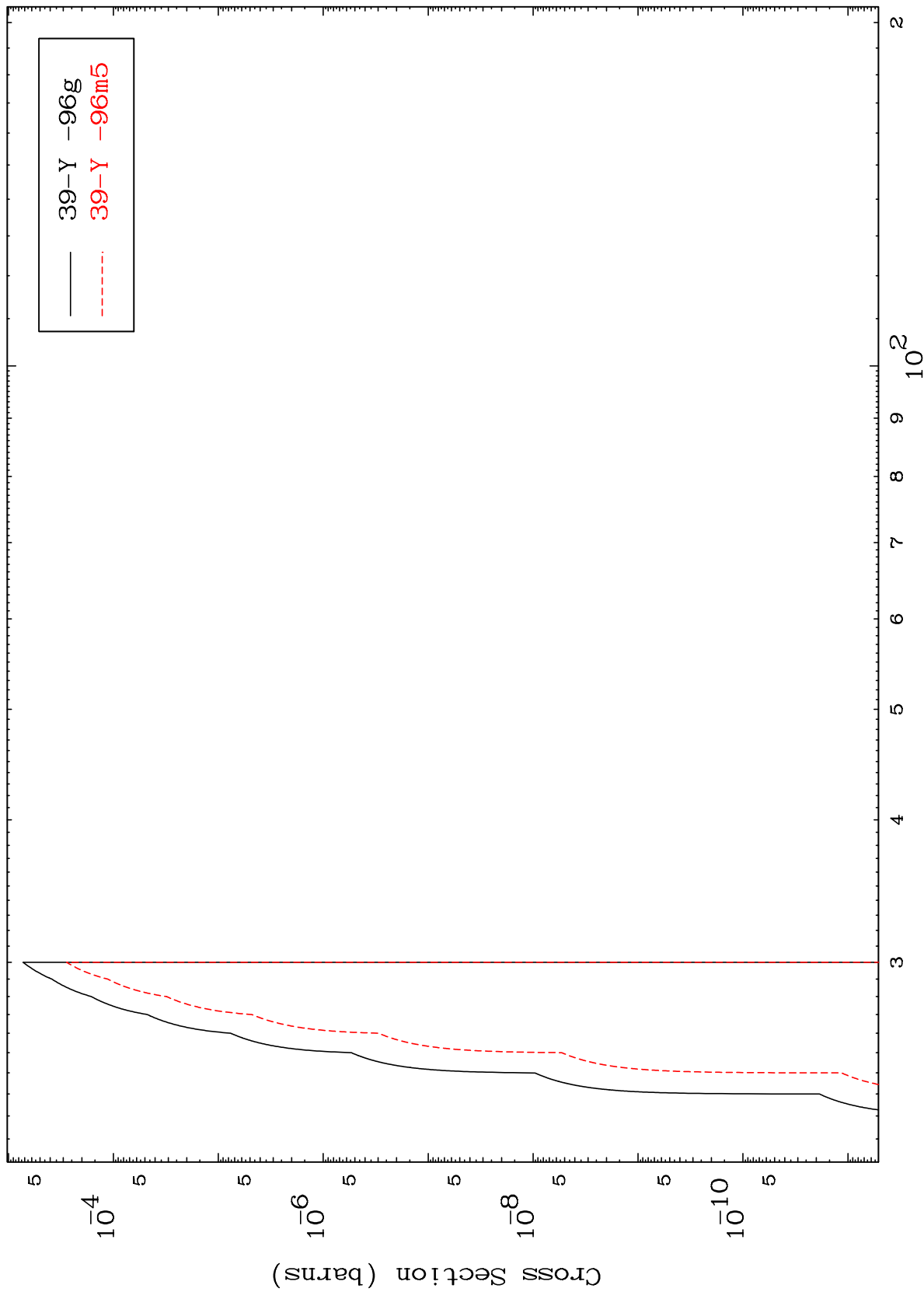
133

MAT 4052

(n,2n) d

40-Zr-99

Radionuclide Production Cross Section



134

Incident Energy (MeV)

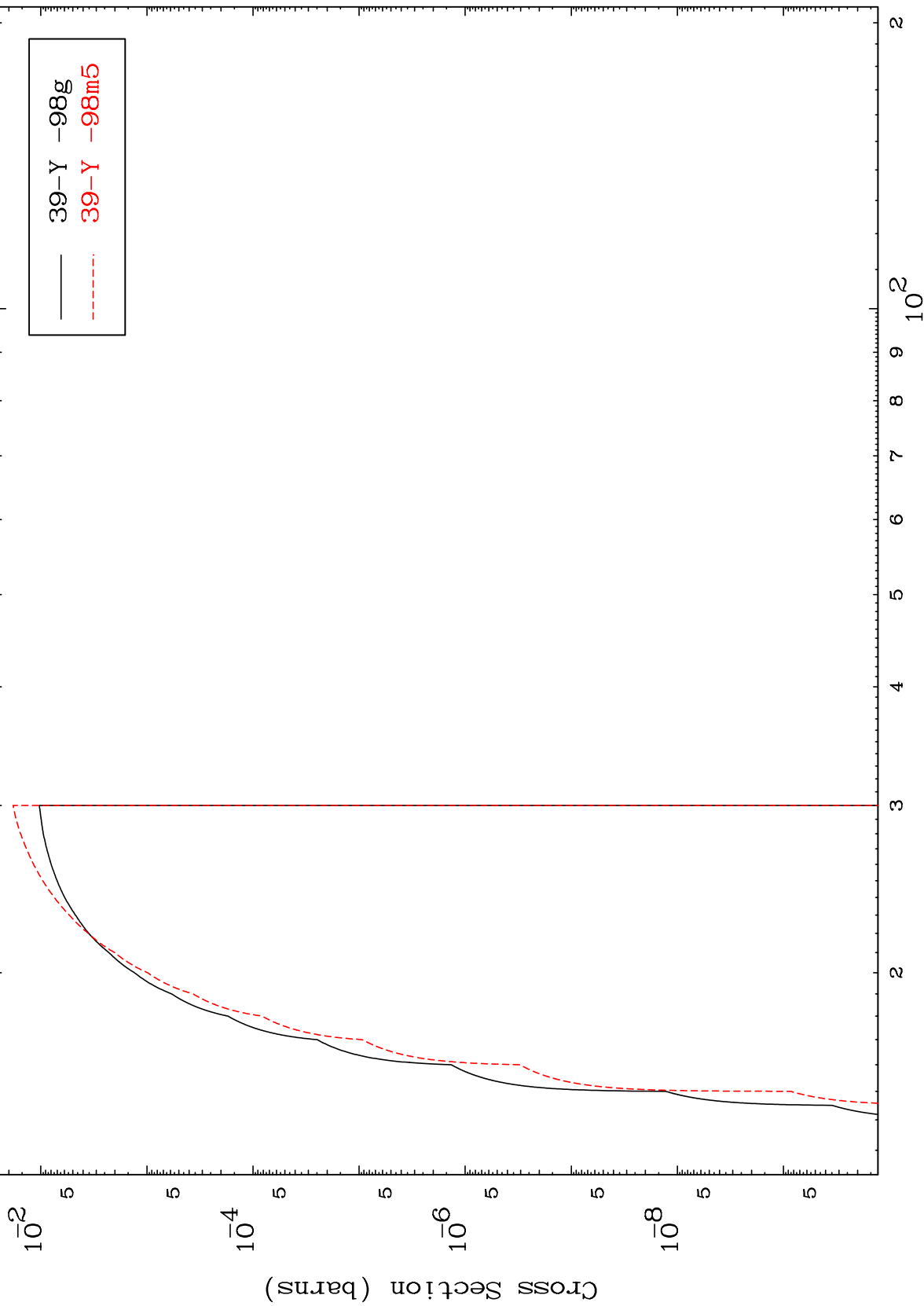
40-Zr-99

MAT 4052

(n,n') p

40-Zr-99

Radionuclide Production Cross Section

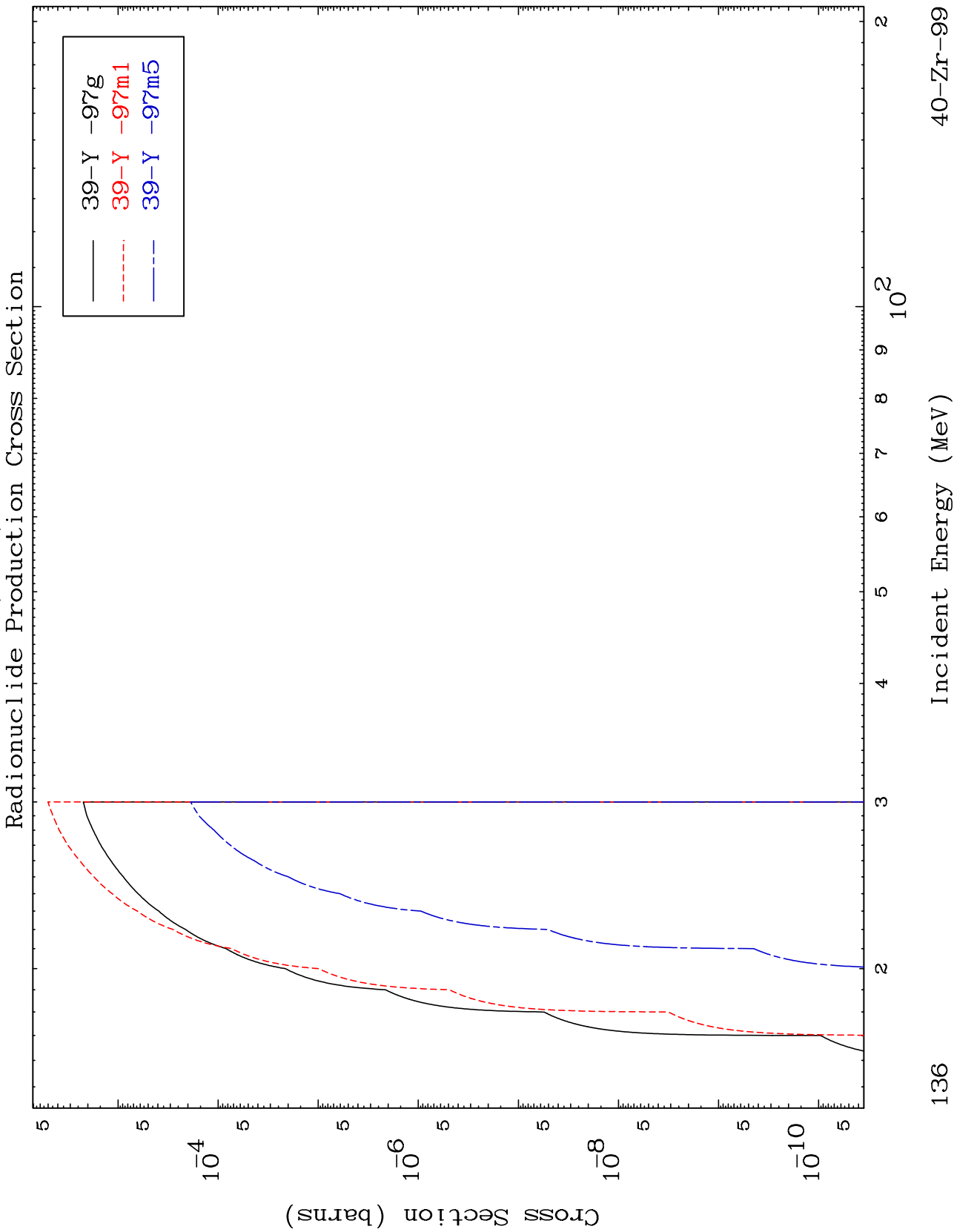


39-Y-98g
39-Y-98m5

135

Incident Energy (MeV)

40-Zr-99

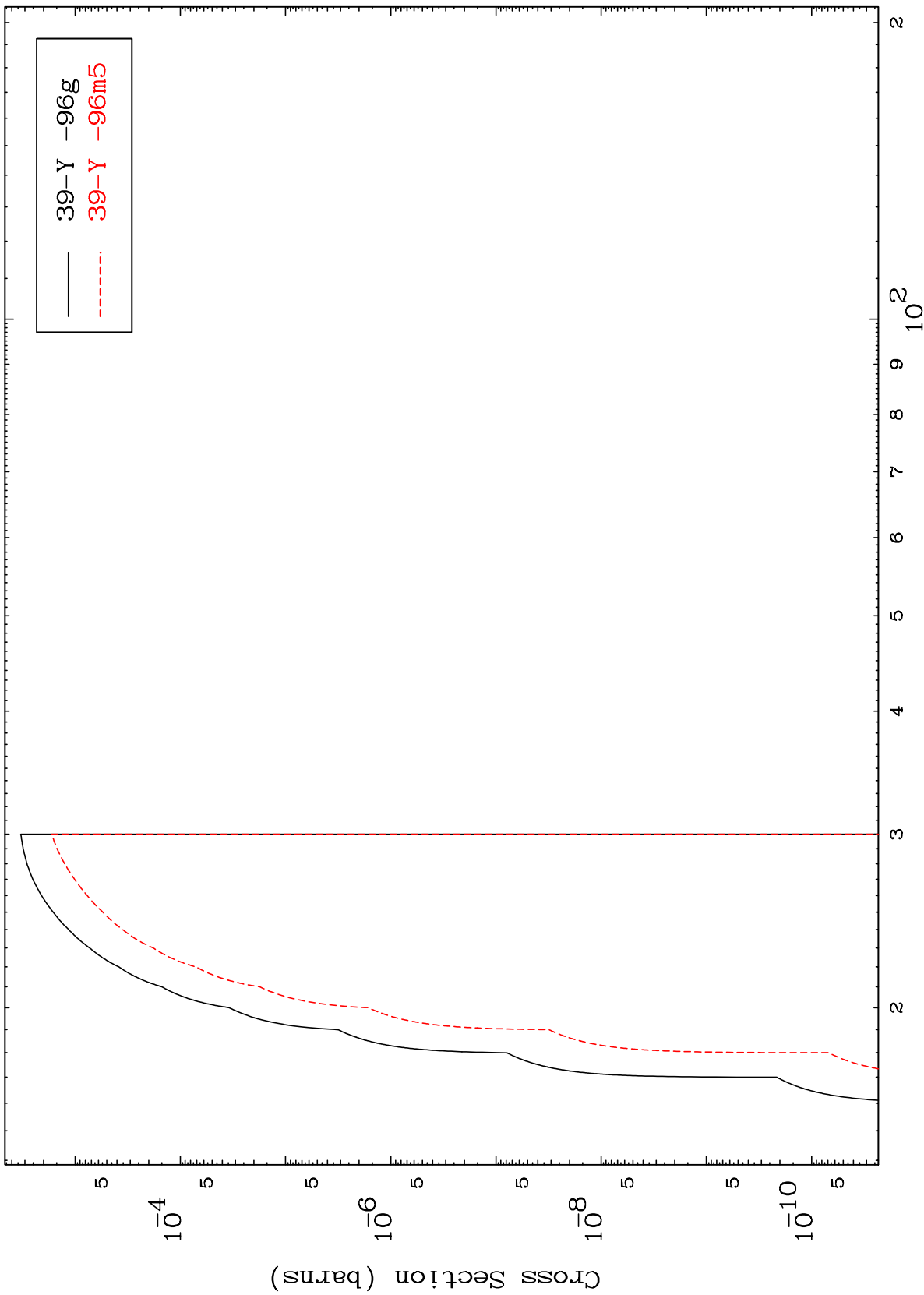


MAT 4052

(n,n') t

40-Zr-99

Radionuclide Production Cross Section



137

Incident Energy (MeV)

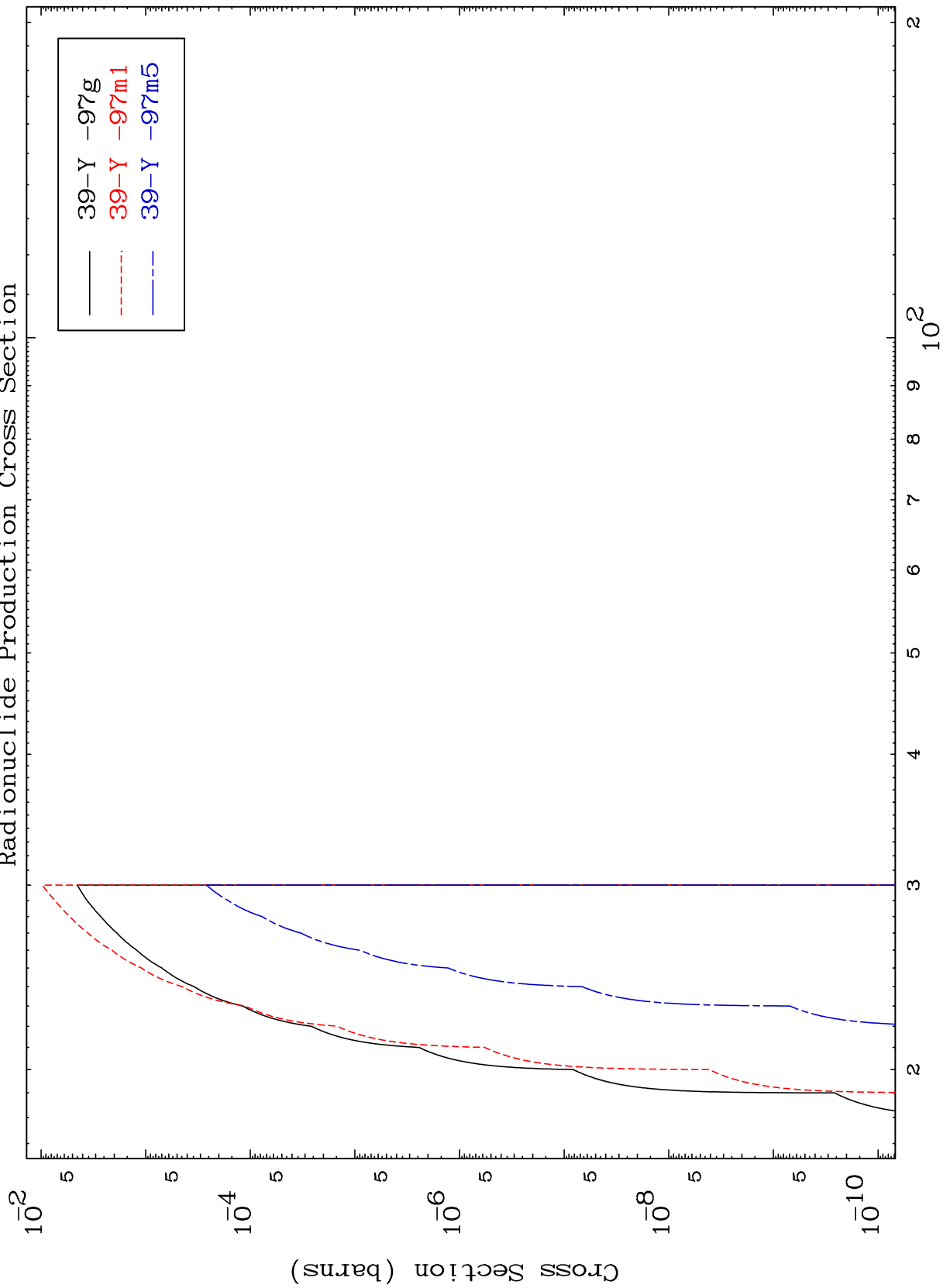
40-Zr-99

MAT 4052

(n,2n) p

40-Zr-99

Radionuclide Production Cross Section



138

Incident Energy (MeV)

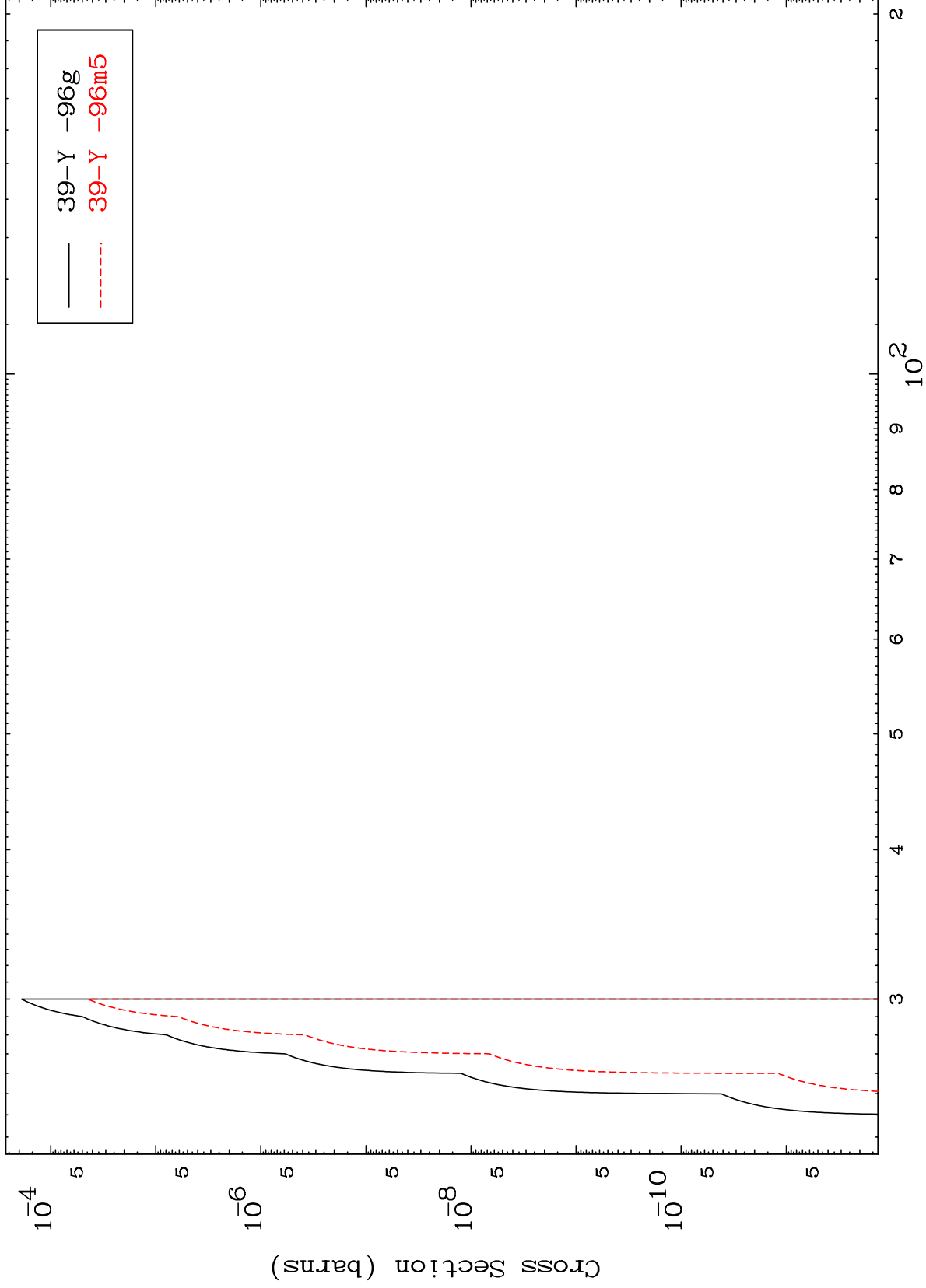
40-Zr-99

MAT 4052

(n,3n) p

40-Zr-99

Radionuclide Production Cross Section



139

Incident Energy (MeV)

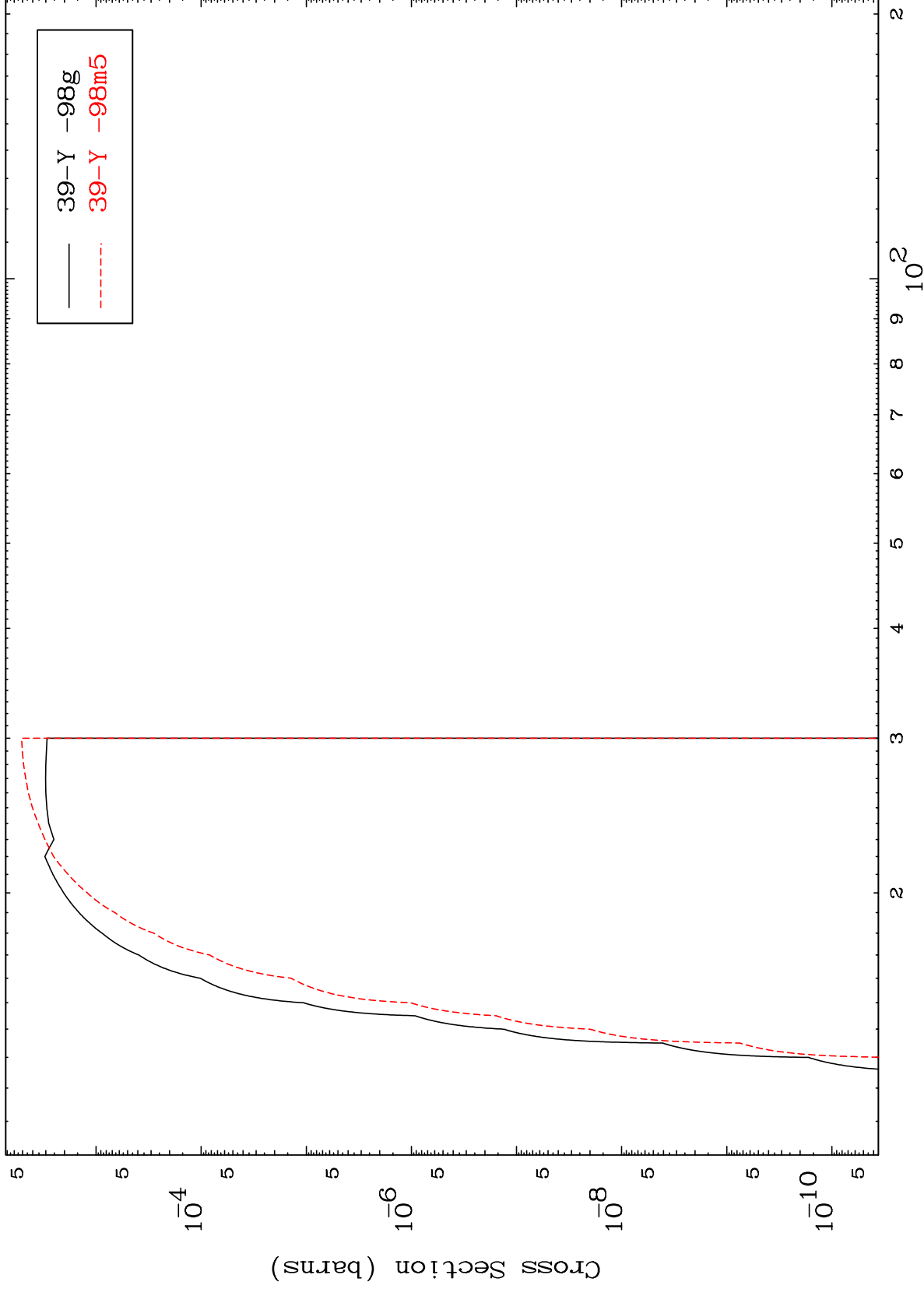
40-Zr-99

MAT 4052

(n,d)

40-Zr-99

Radionuclide Production Cross Section



140

Incident Energy (MeV)

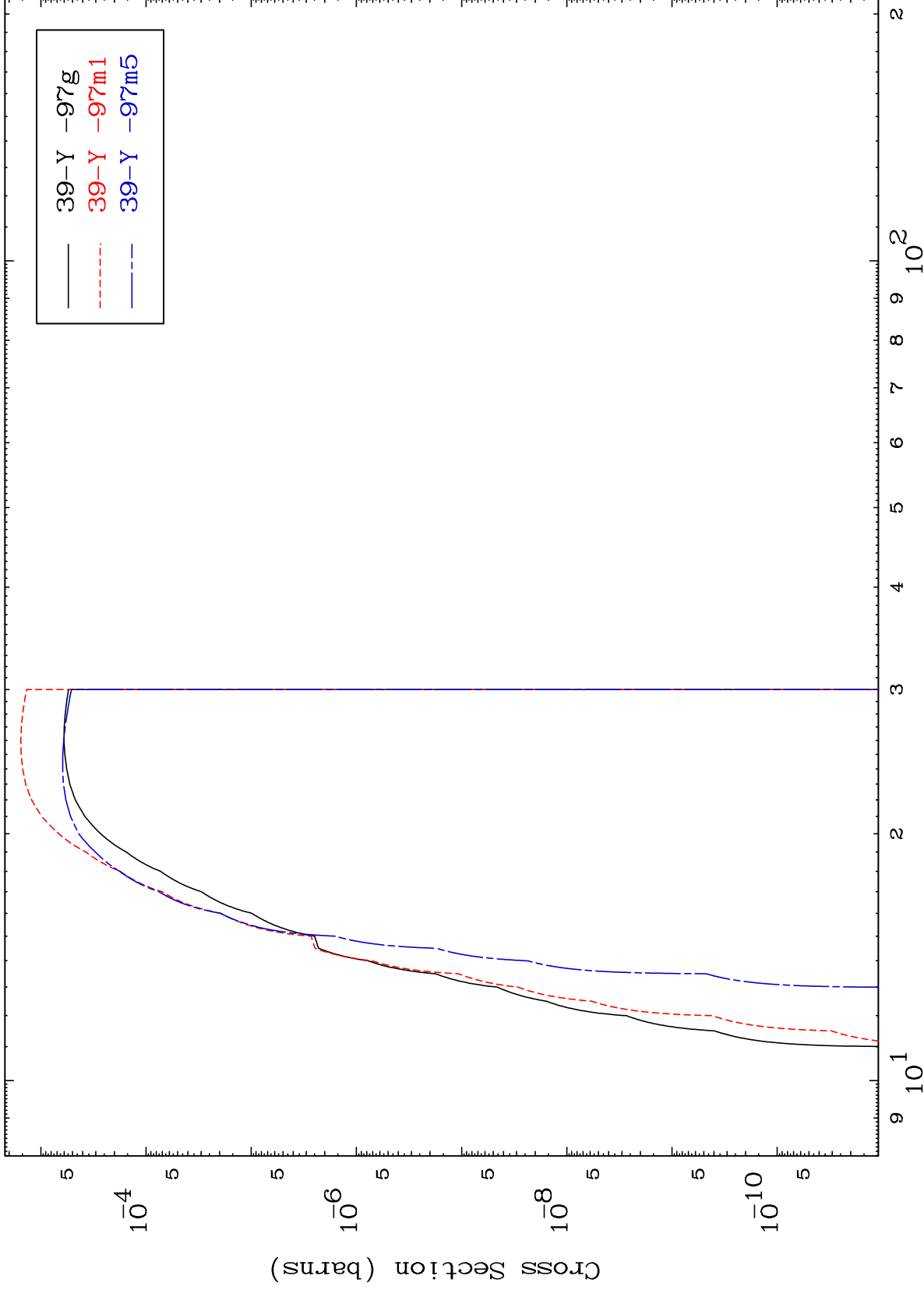
40-Zr-99

MAT 4052

(n, t)

40-Zr-99

Radionuclide Production Cross Section



141

Incident Energy (MeV)

40-Zr-99