

Program EVALPLOT
(Version 2017-1)

by

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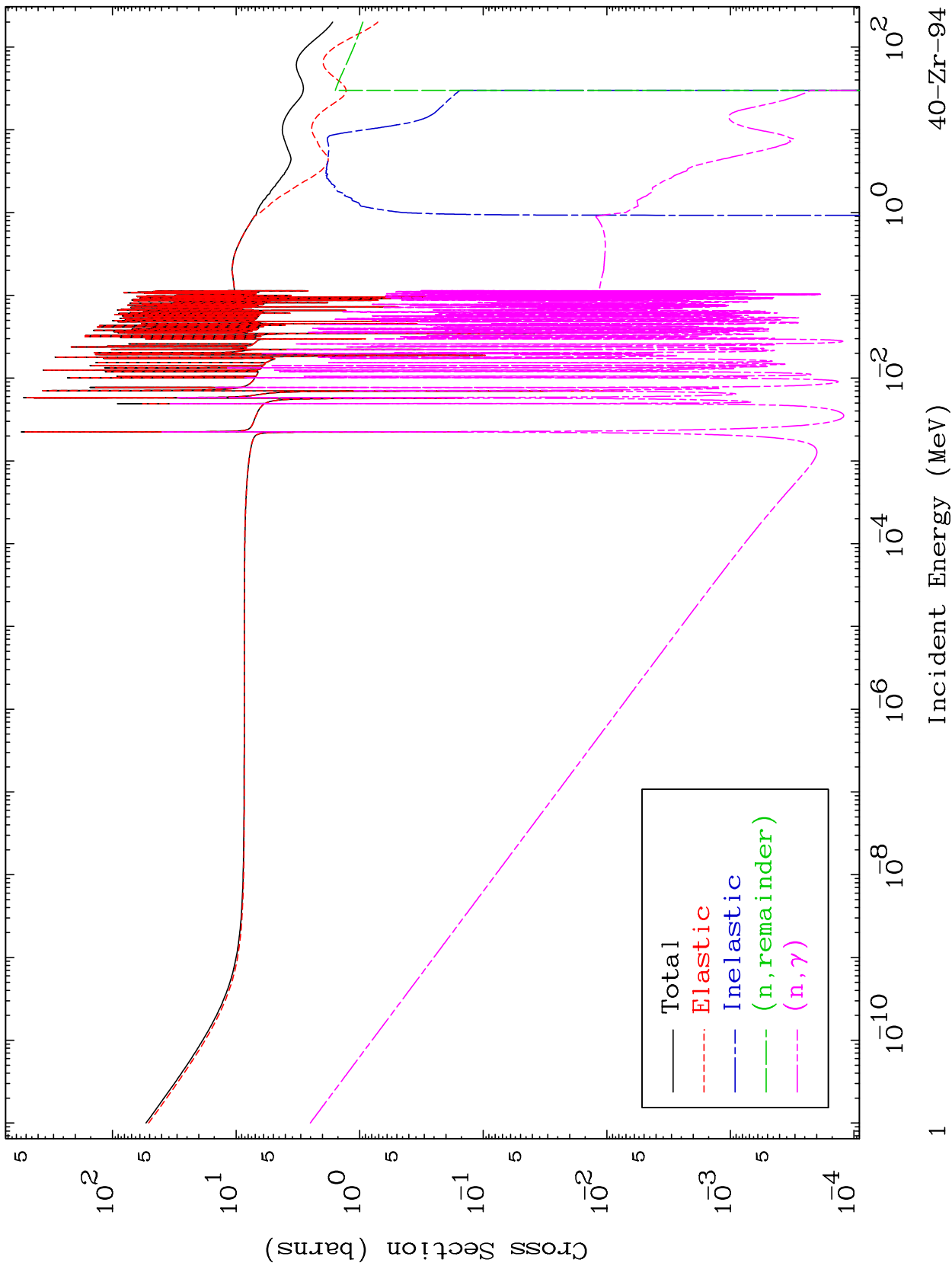
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Press Mouse Button to Start

MAT 4037

Major
293 Kelvin Cross Sections

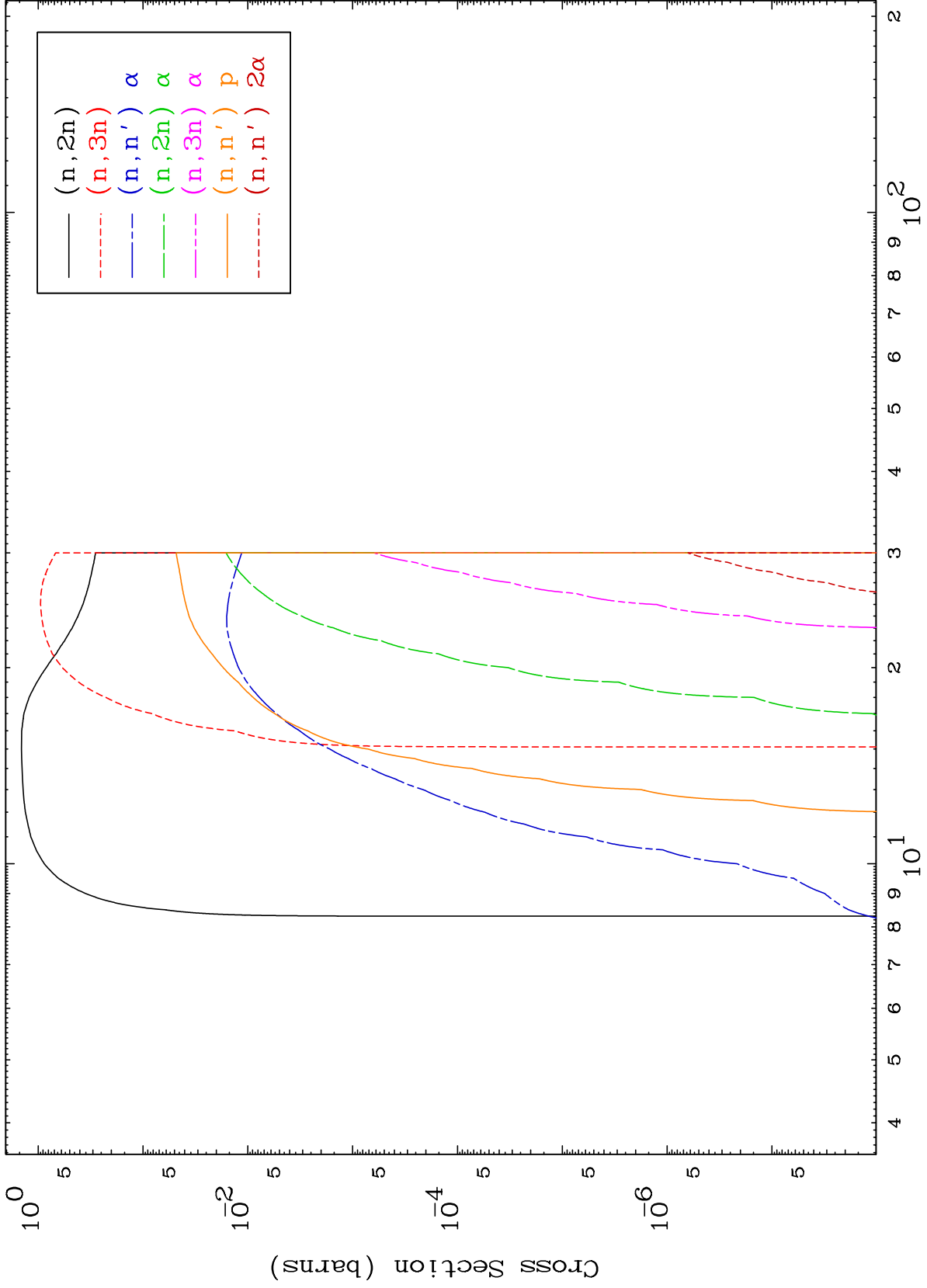
40-Zr-94



MAT 4037

Neutron Production
293 Kelvin Cross Sections

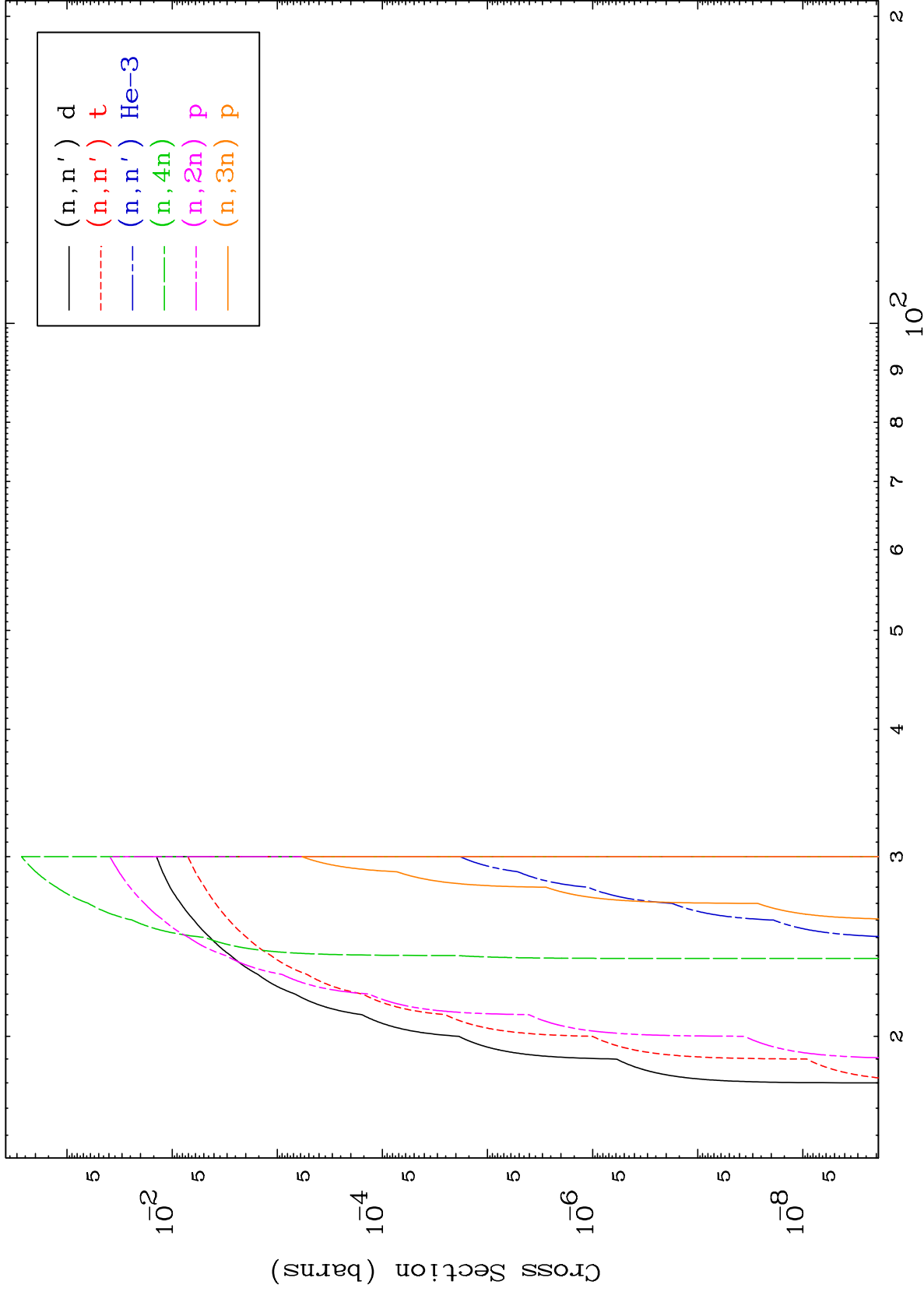
40-Zr-94



2

Incident Energy (MeV)

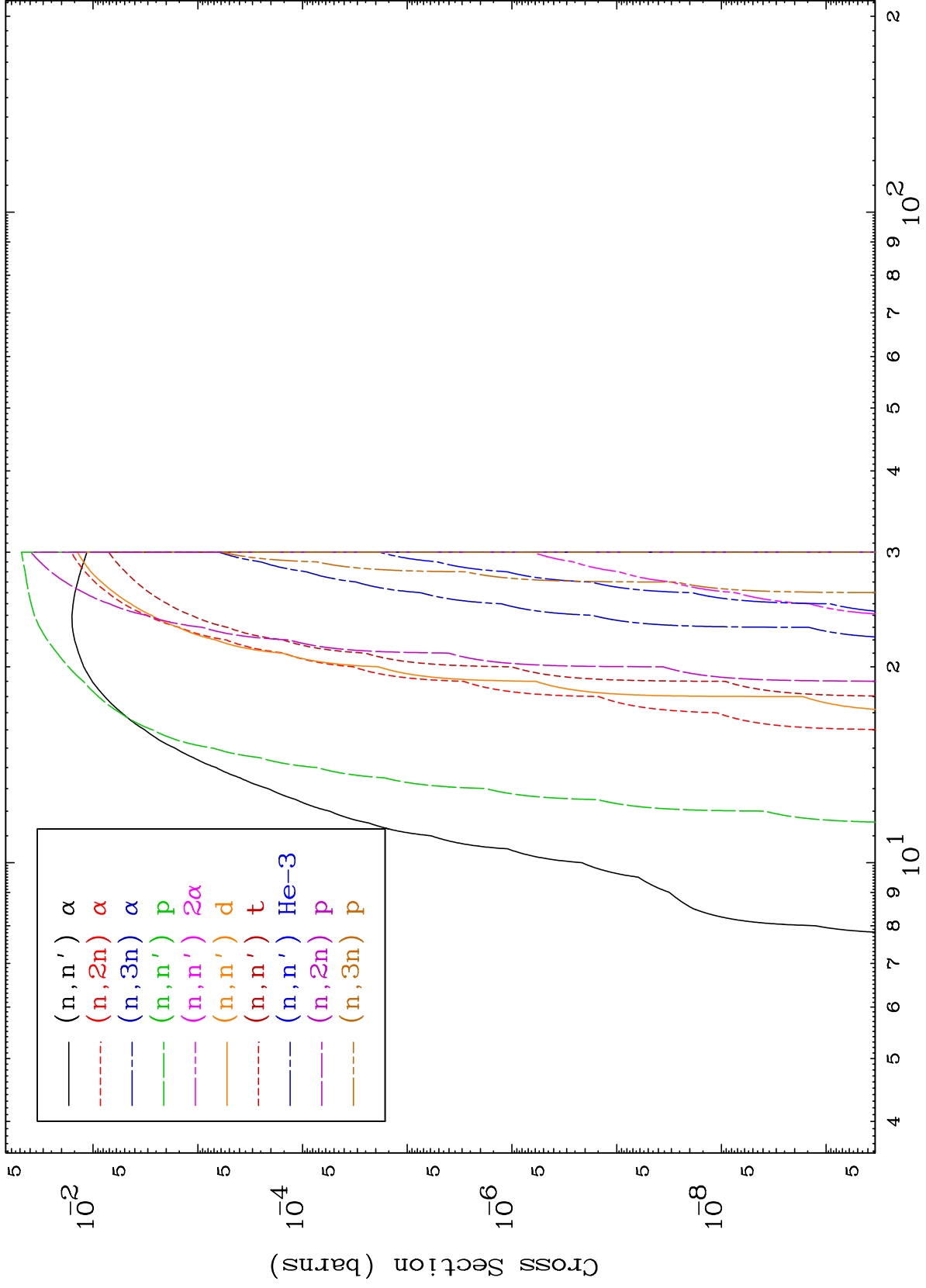
40-Zr-94



MAT 4037

Charged Particle
293 Kelvin Cross Sections

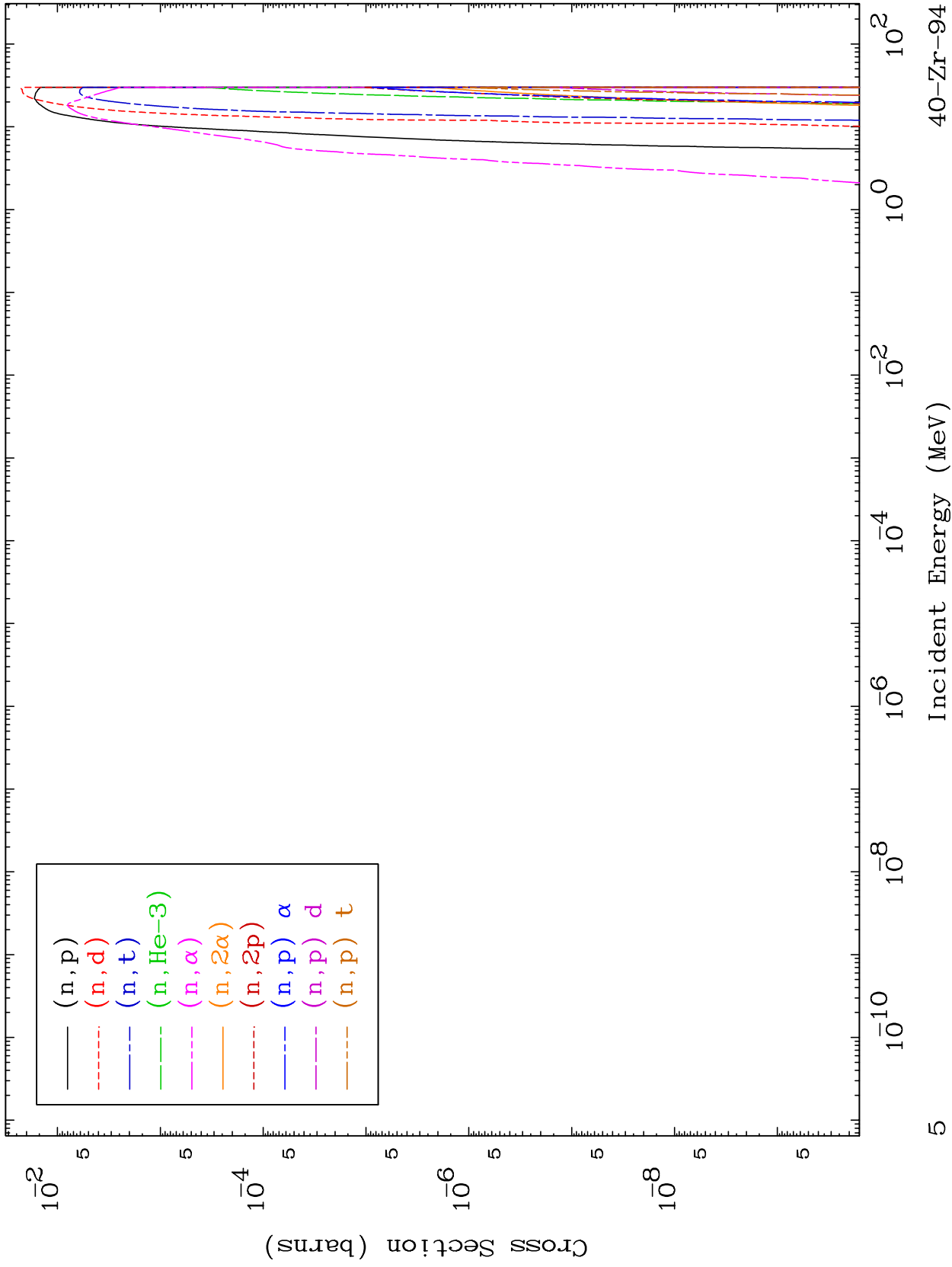
40-Zr-94



MAT 4037

Charged Particle
293 Kelvin Cross Sections

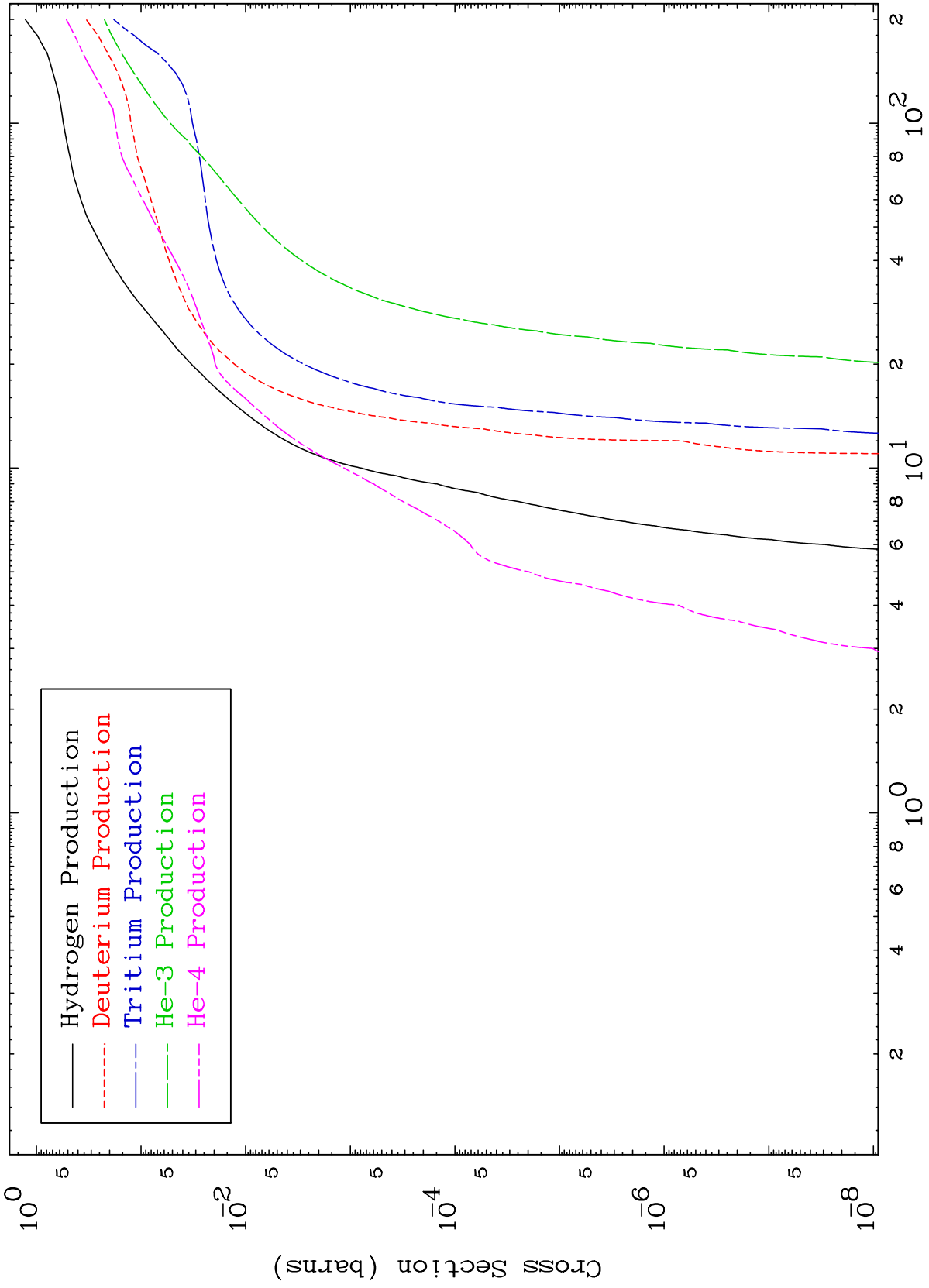
40-Zr-94



MAT 4037

Particle Production
293 Kelvin Cross Sections

40-Zr-94

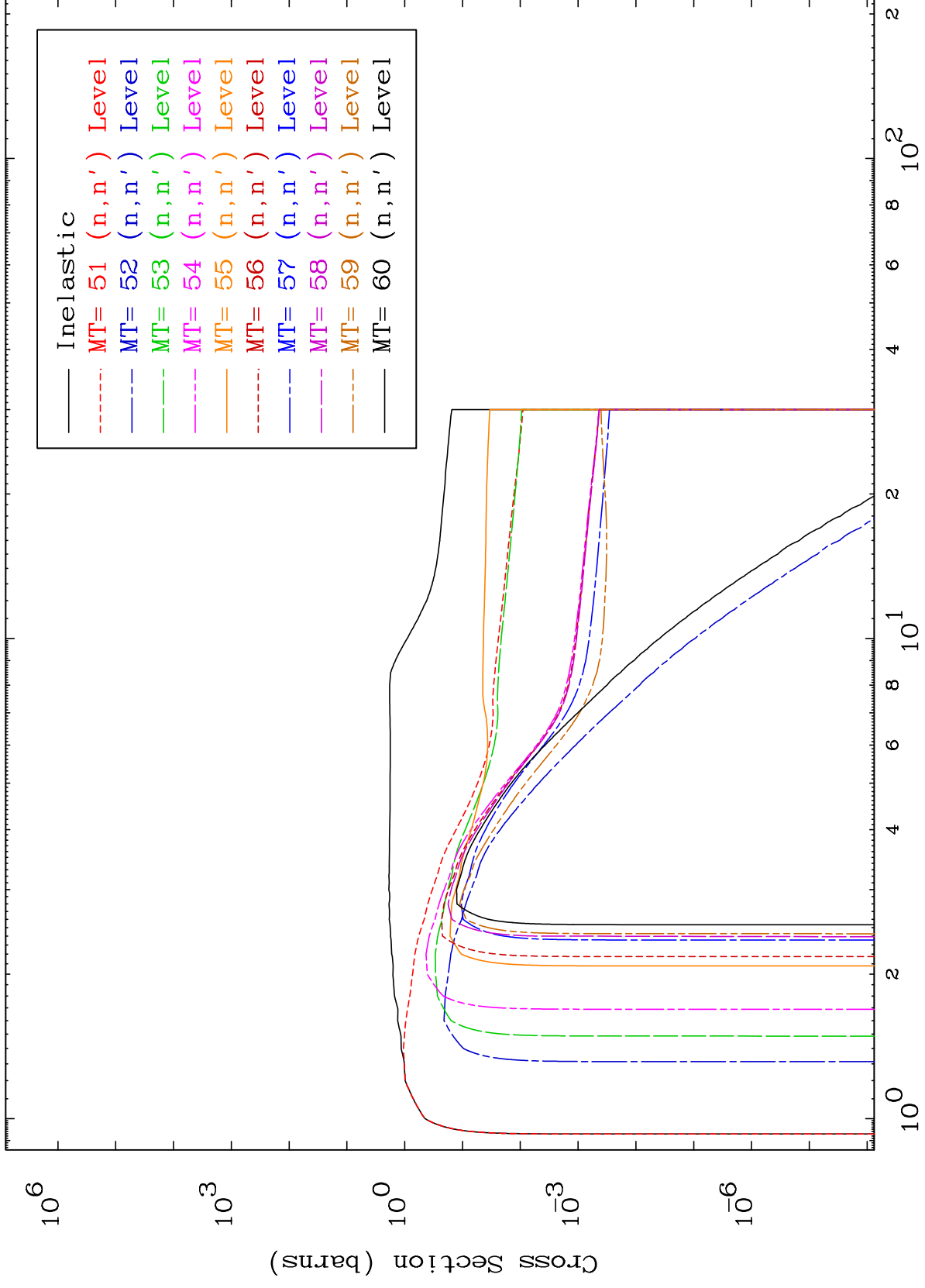


MAT 4037

(n,n') Level

40-Zr-94

293 Kelvin Cross Sections



Incident Energy (MeV)

40-Zr-94

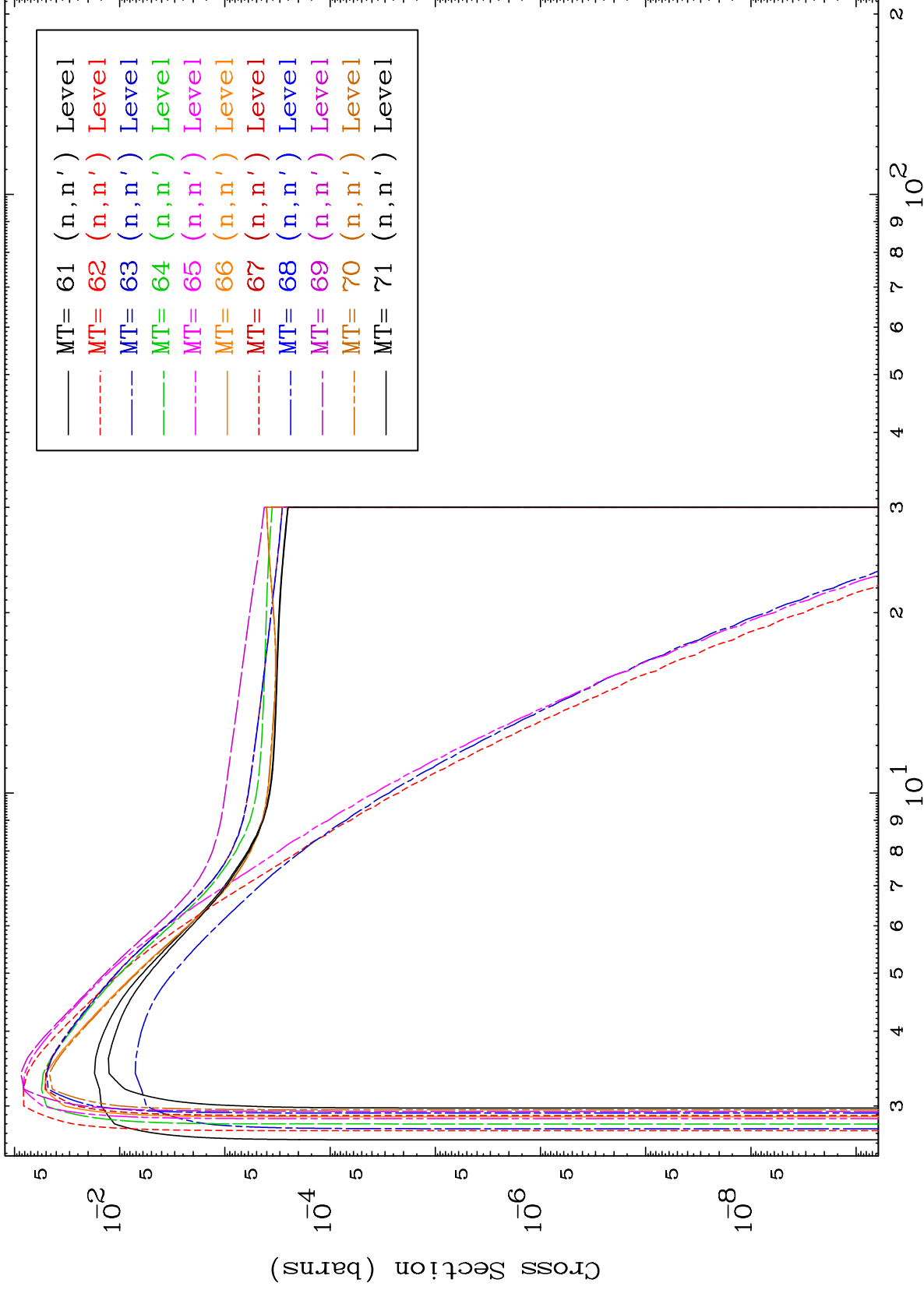
7

MAT 4037

(n,n') Level

40-Zr-94

293 Kelvin Cross Sections



8

Incident Energy (MeV)

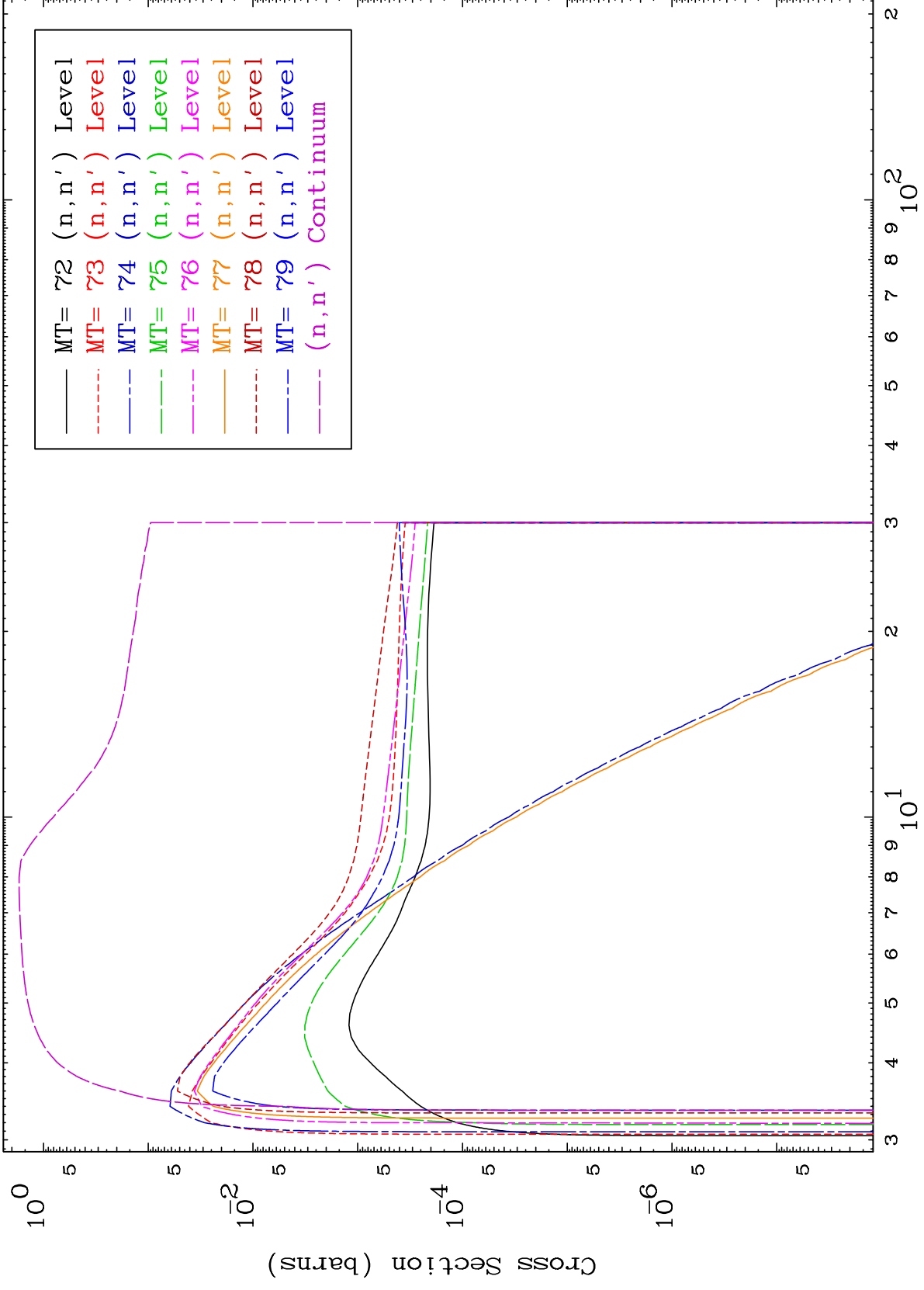
40-Zr-94

MAT 4037

(n,n') Level

40-Zr-94

293 Kelvin Cross Sections



9

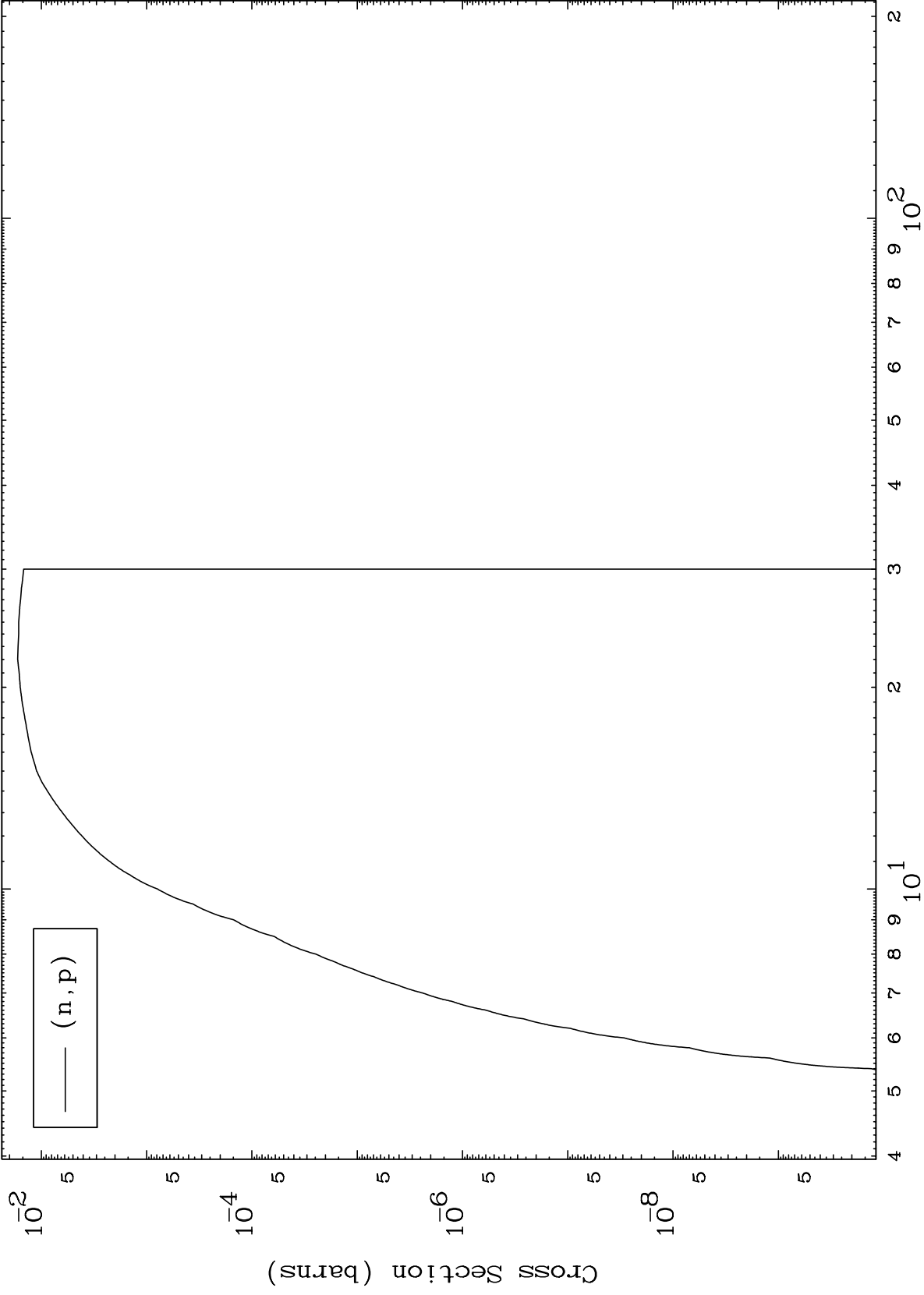
Incident Energy (MeV)

40-Zr-94

MAT 4037

(n,p) Levels
293 Kelvin Cross Sections

40-Zr-94



10

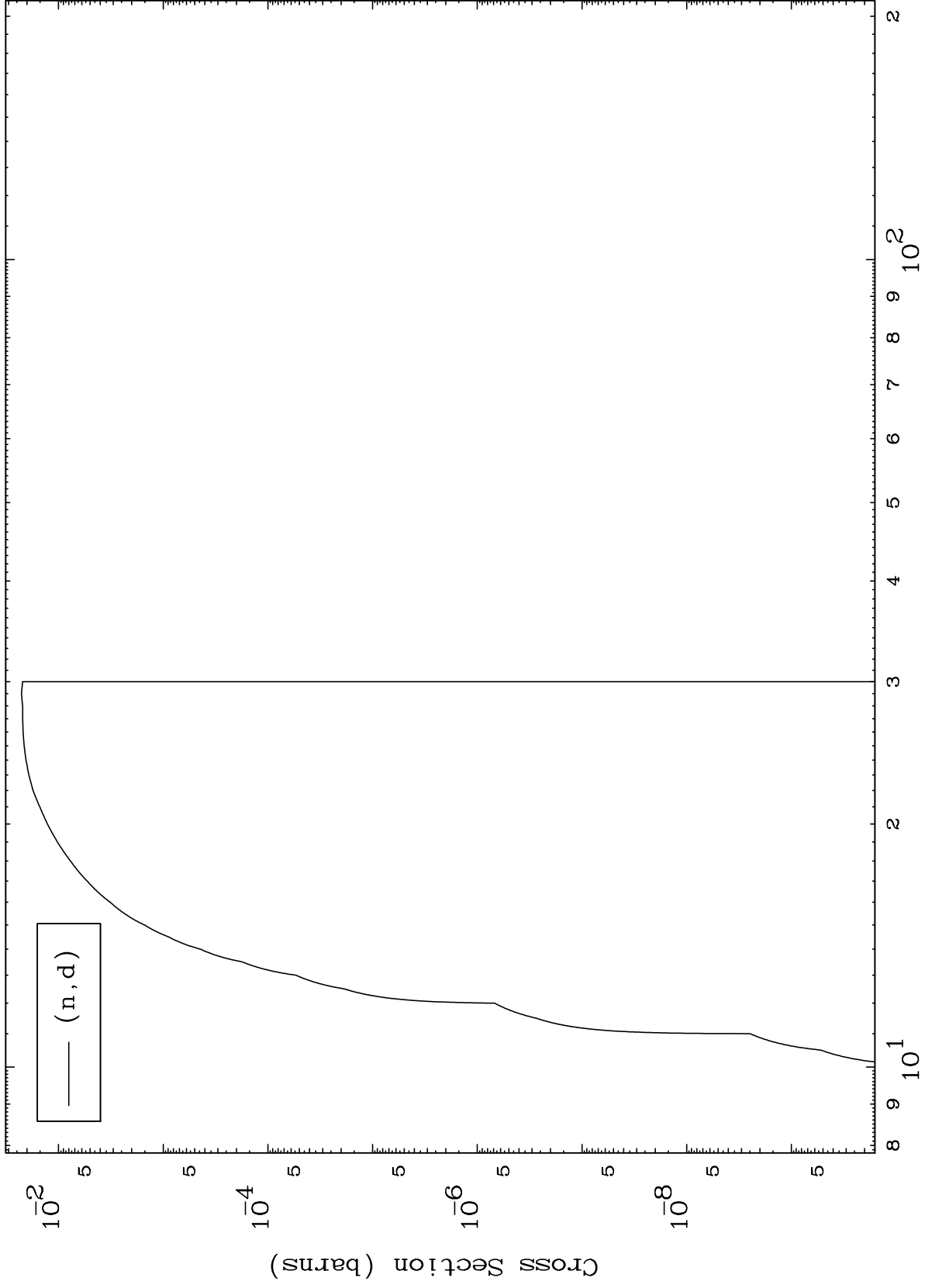
Incident Energy (MeV)

40-Zr-94

MAT 4037

(n,d) Levels
293 Kelvin Cross Sections

40-Zr-94



11

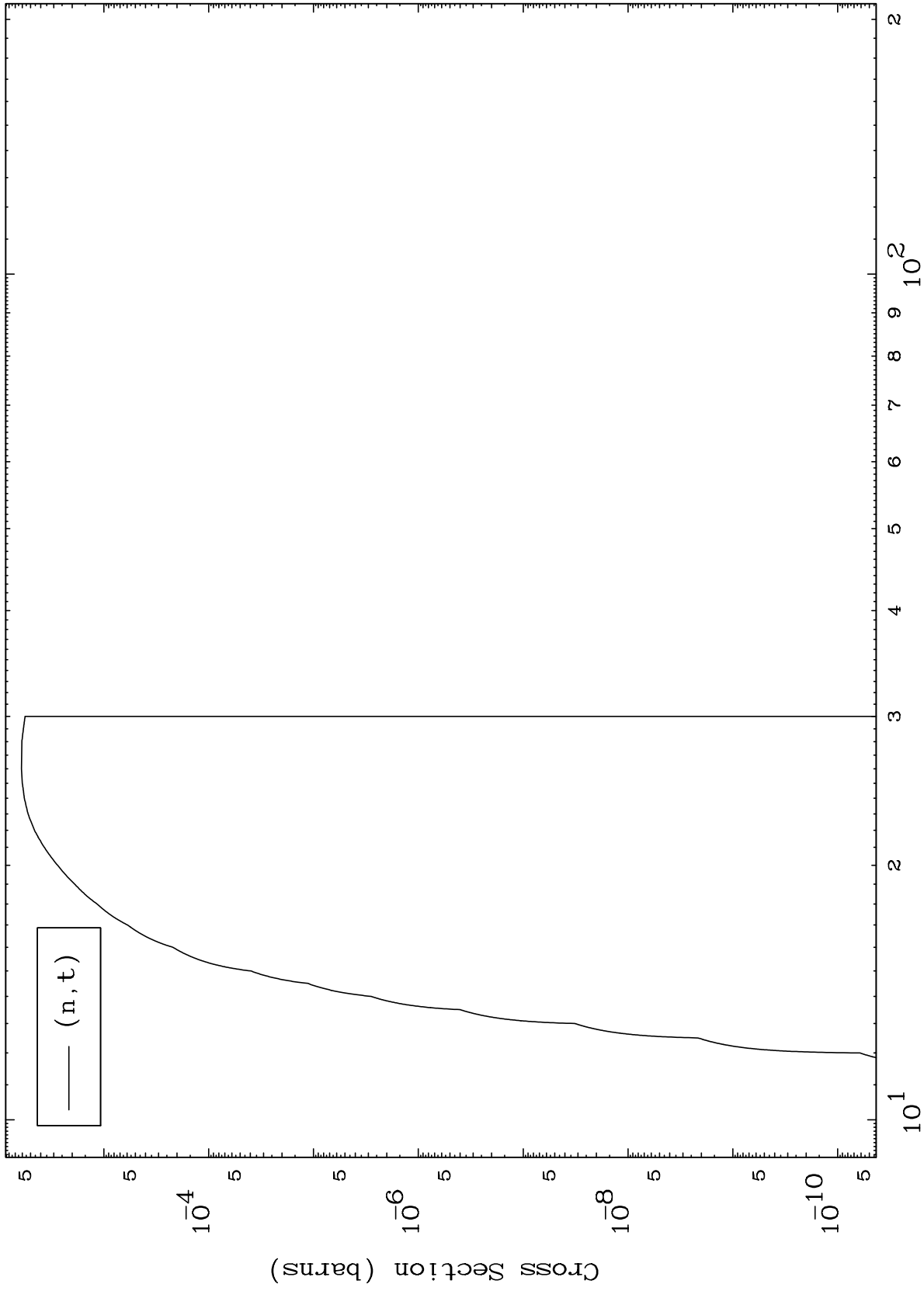
Incident Energy (MeV)

40-Zr-94

MAT 4037

(n,t) Levels
293 Kelvin Cross Sections

40-Zr-94



Incident Energy (MeV)

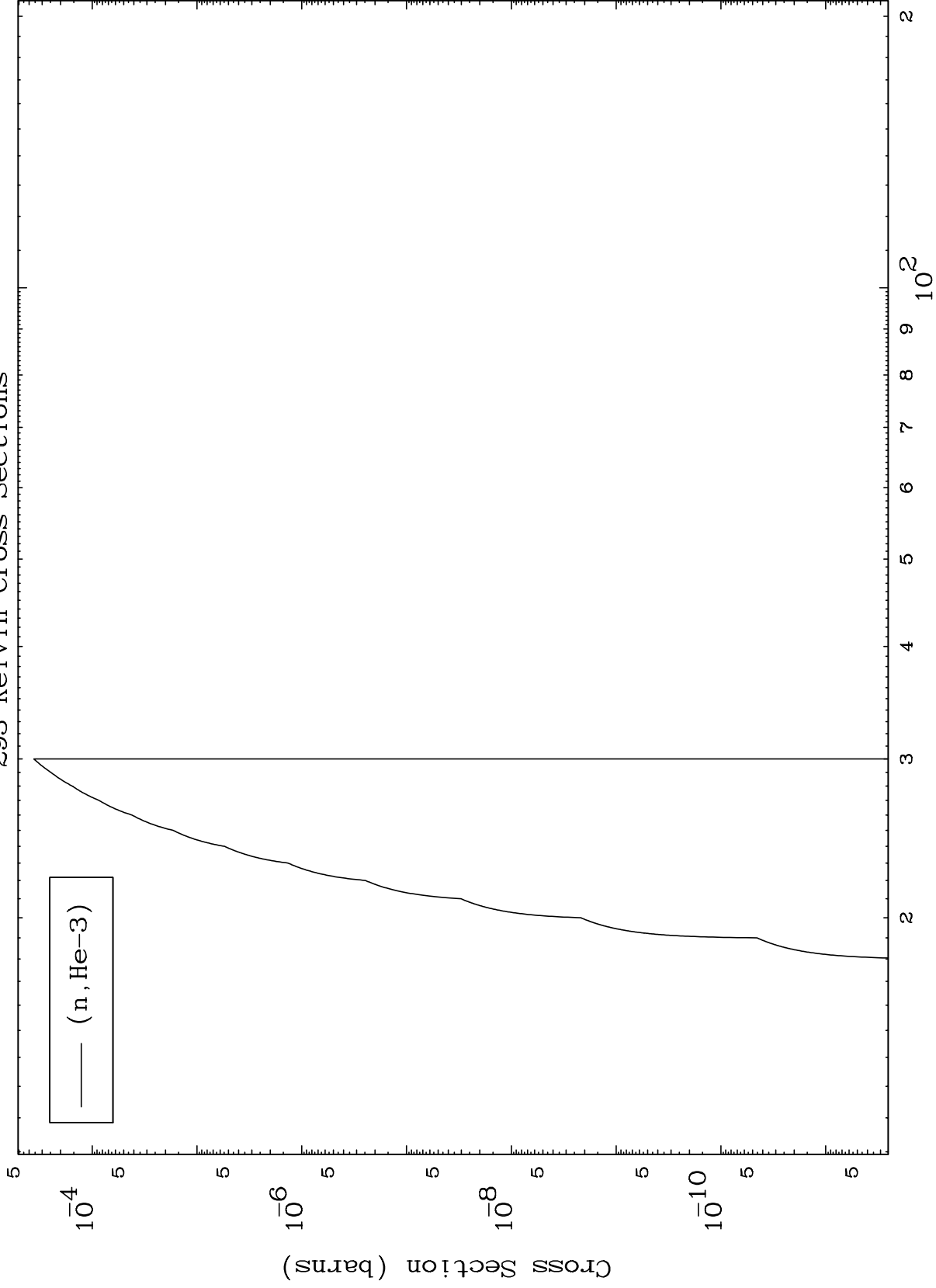
40-Zr-94

12

MAT 4037

(n,He3) Levels
293 Kelvin Cross Sections

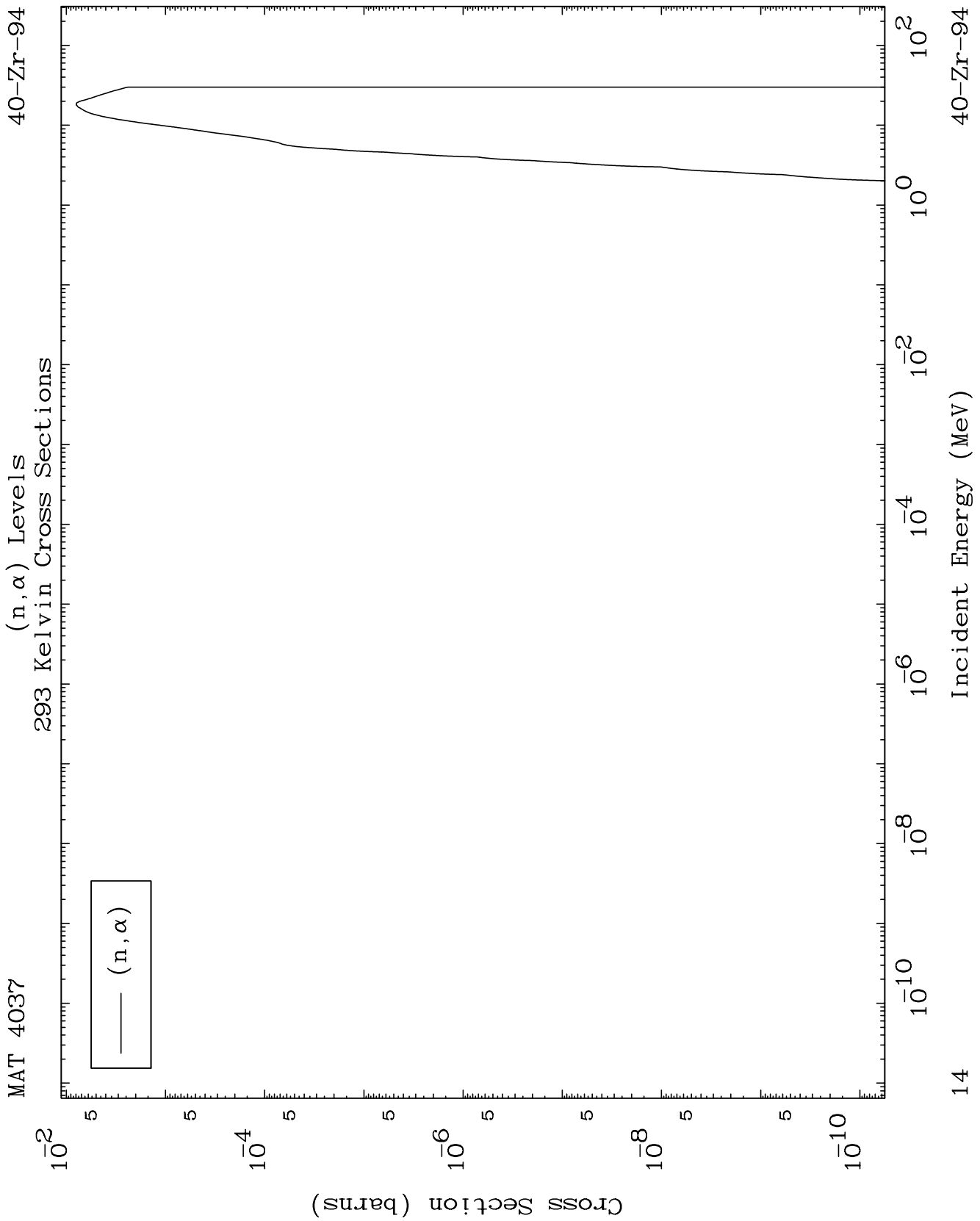
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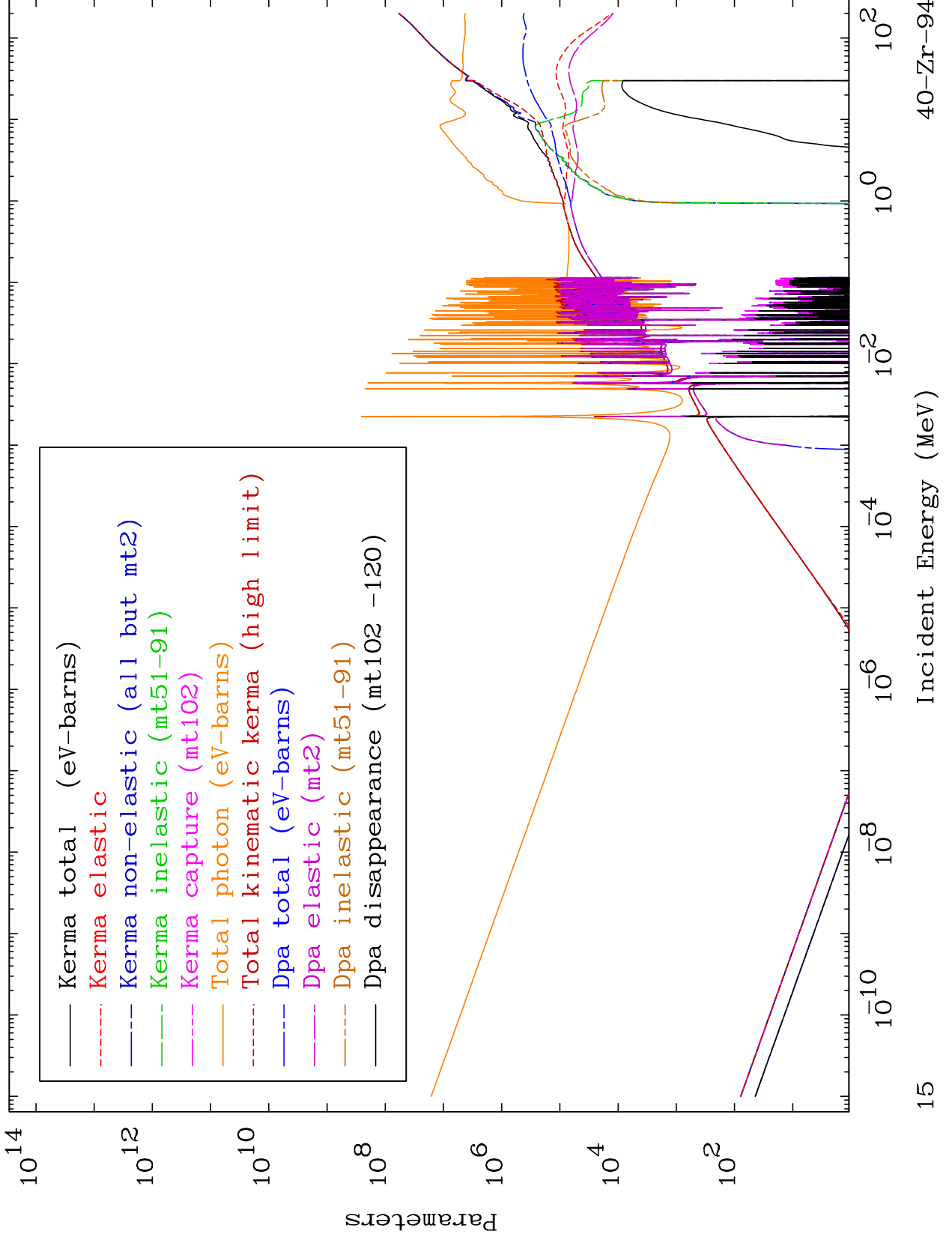


40-Zr-94

Incident Energy (MeV)

13

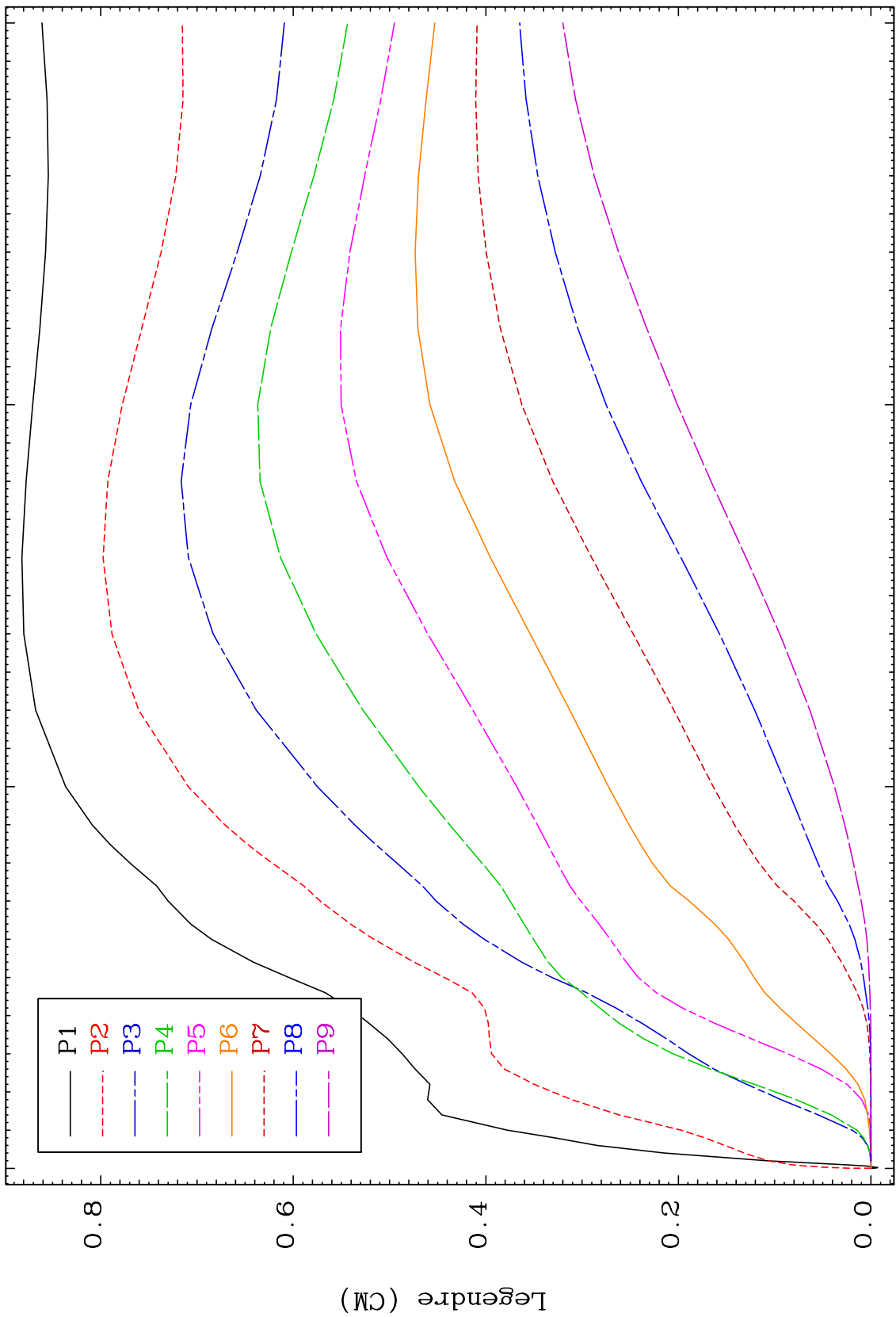




MAT 4037

Elastic Legendre Coefficients

40-Zr-94



16

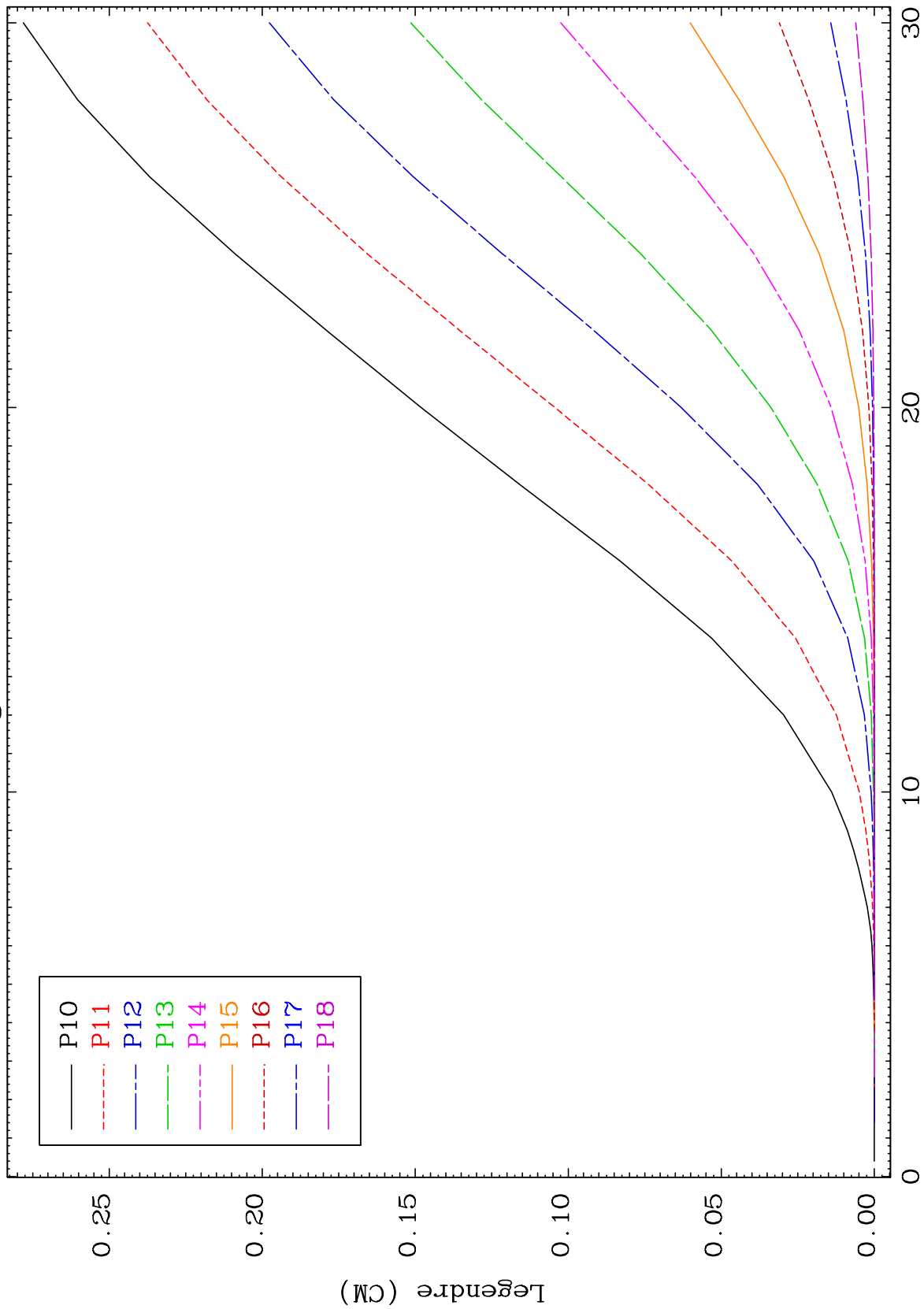
Incident Energy (MeV)

40-Zr-94

MAT 4037

Elastic Legendre Coefficients

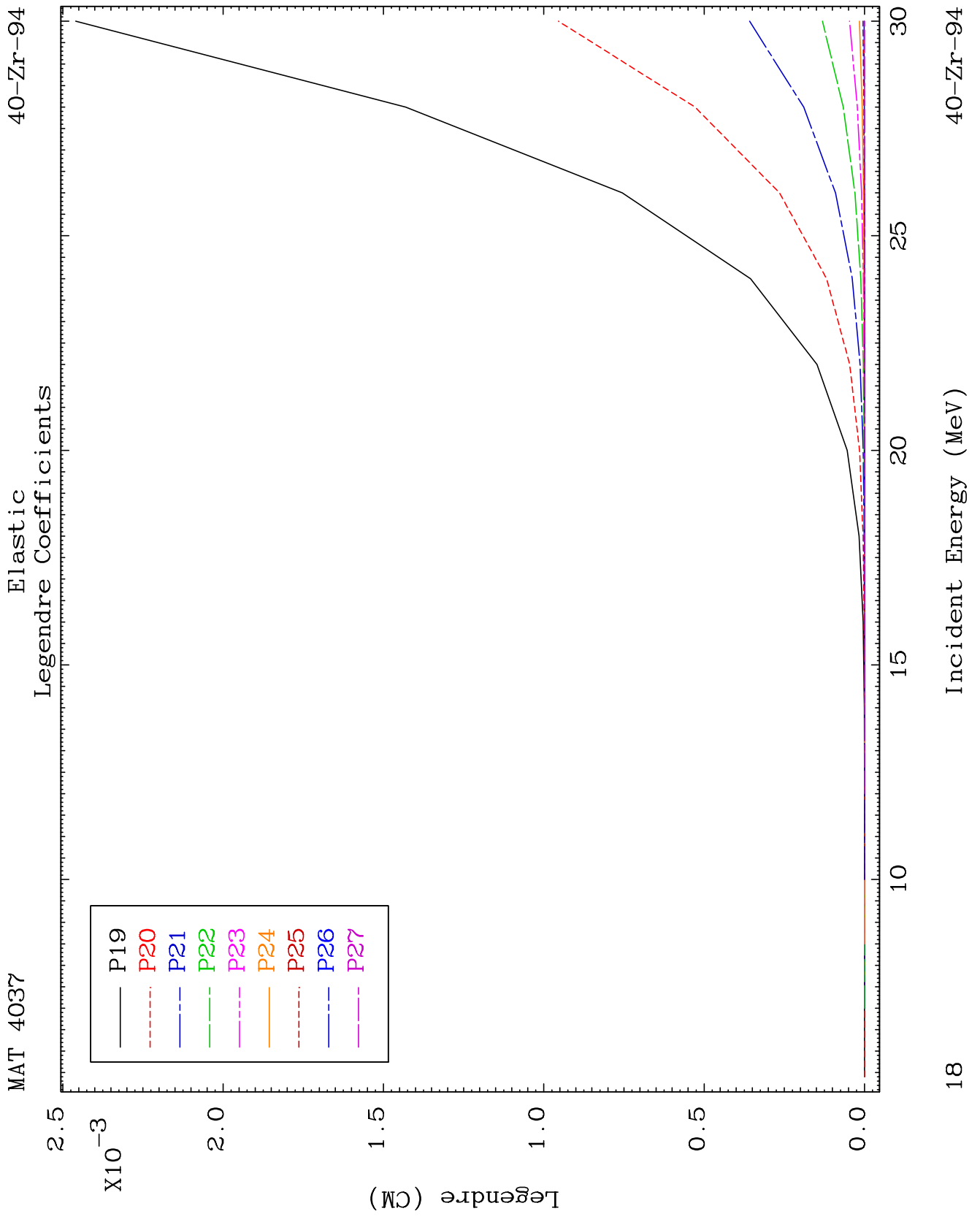
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17

Incident Energy (MeV)

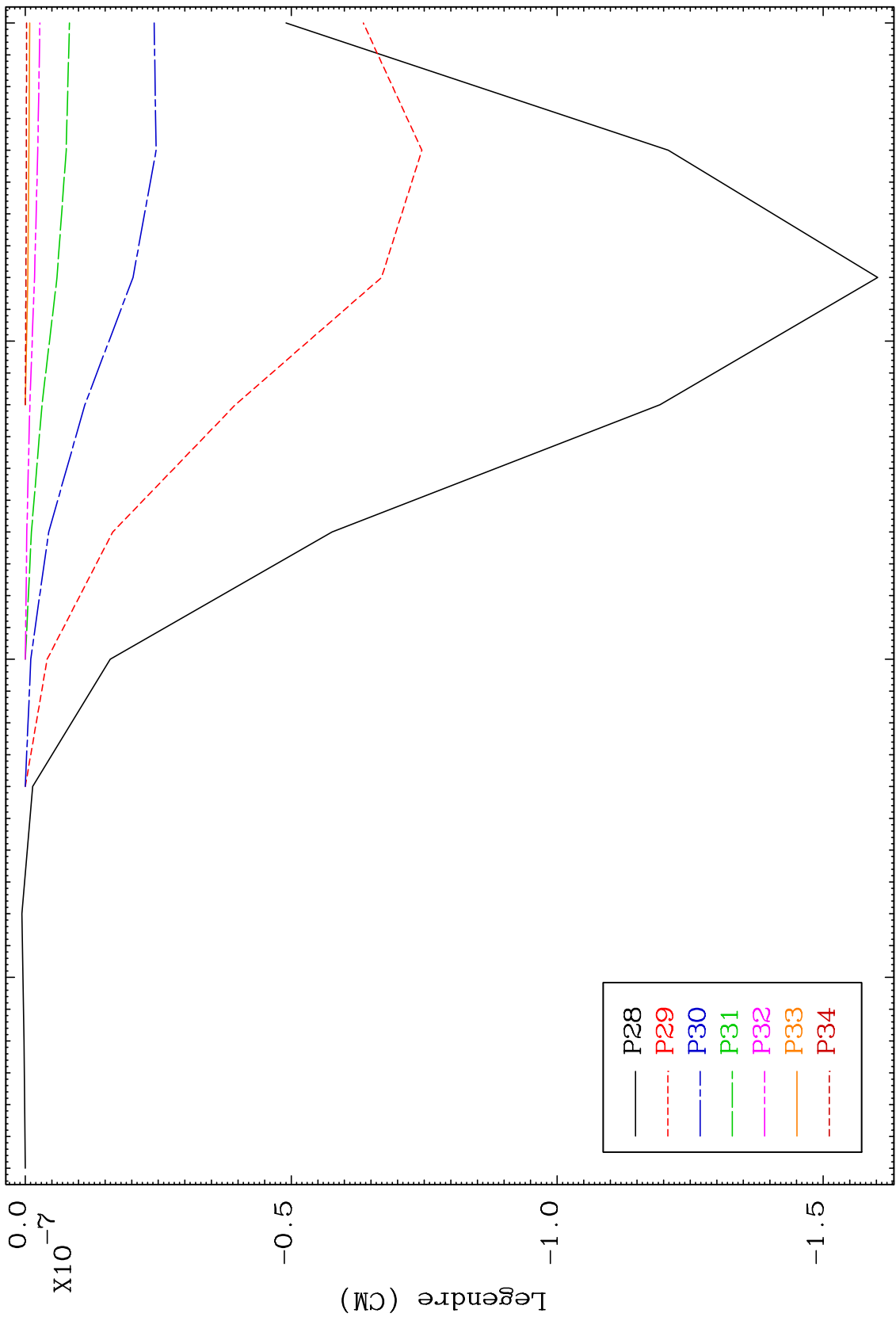
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MAT 4037

40-Zr-94

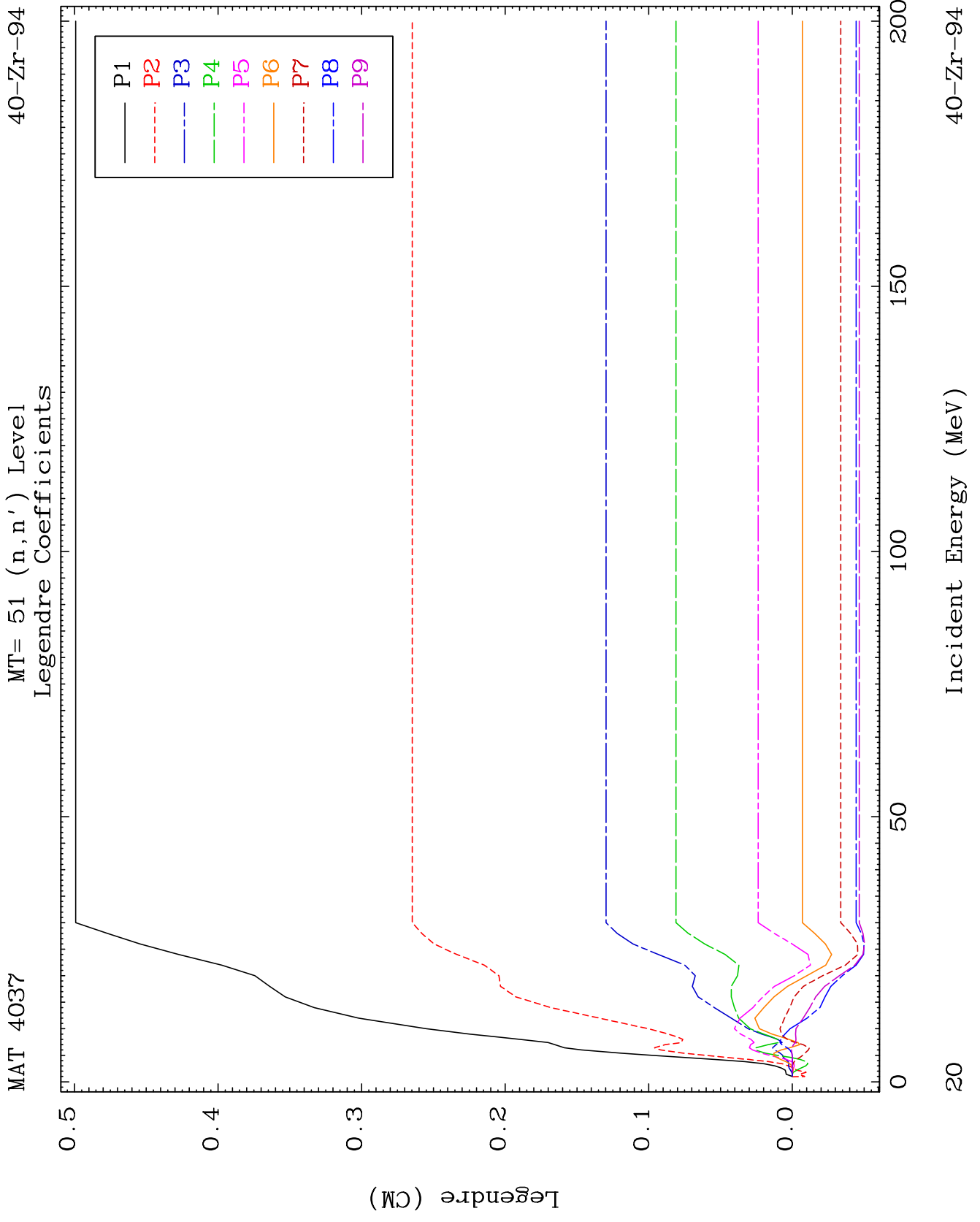
Elastic Legendre Coefficients



19

Incident Energy (MeV)

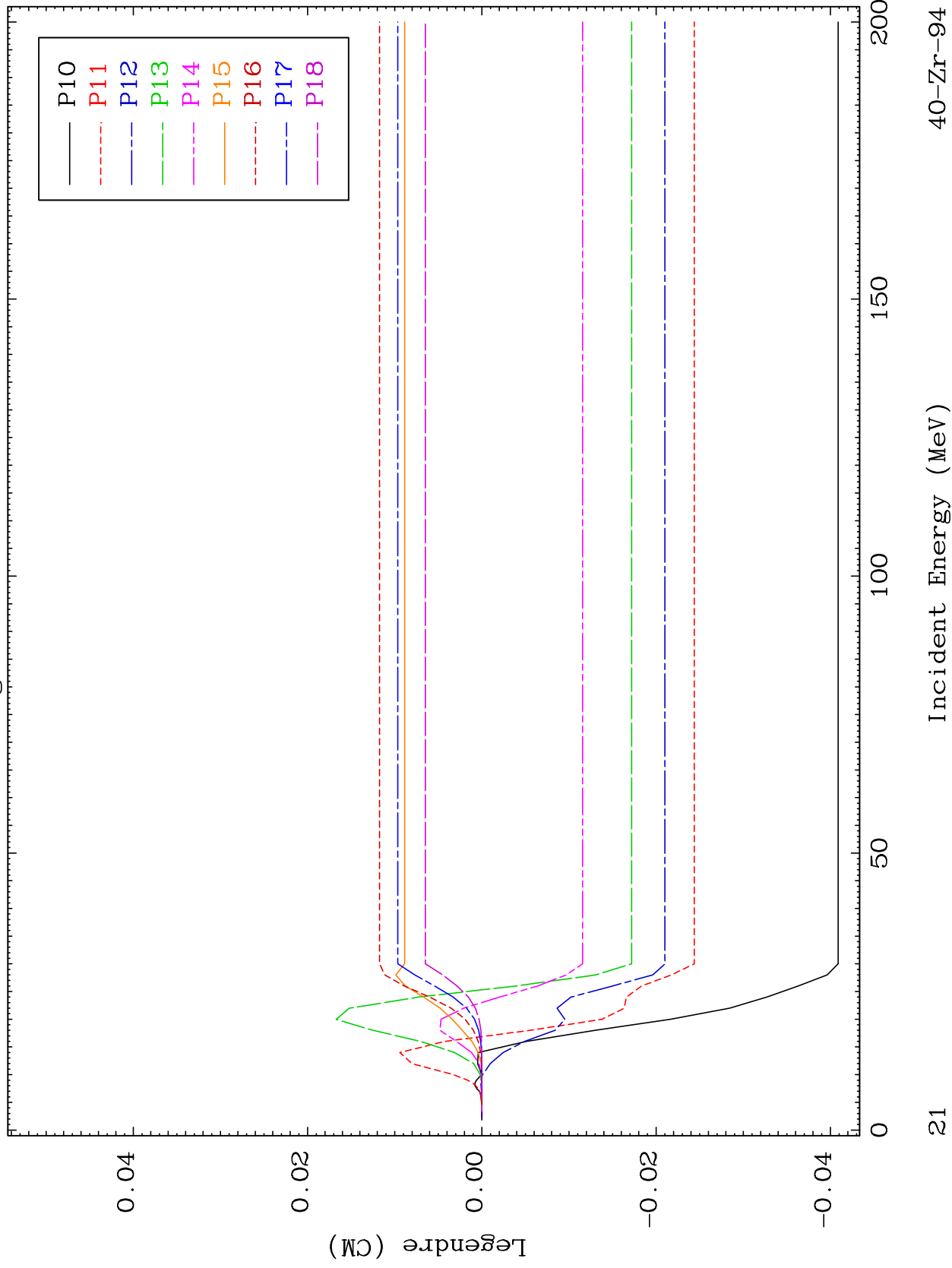
40-Zr-94



MAT 4037

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

40-Zr-94



21

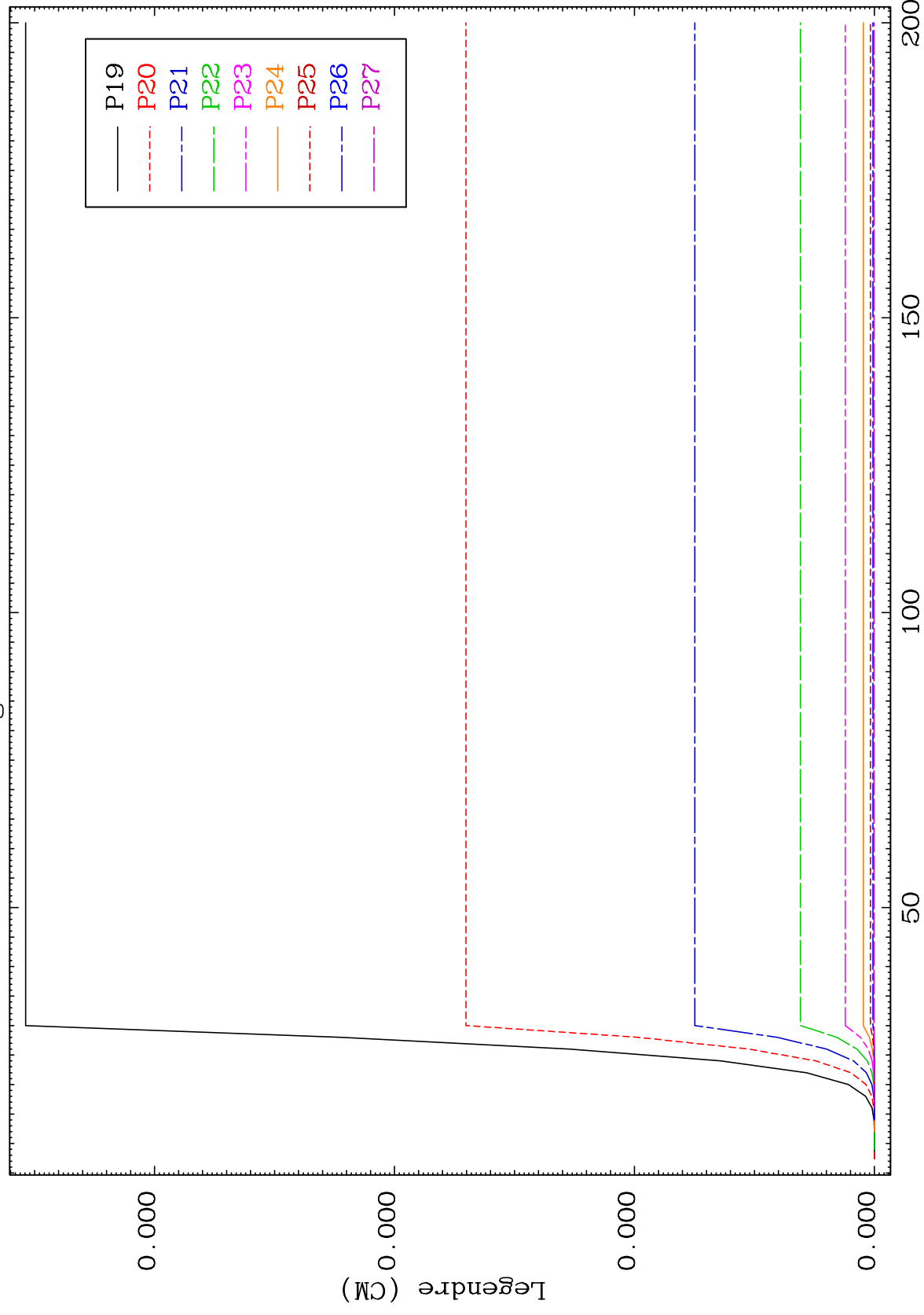
Incident Energy (MeV)

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MAT 4037

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

40-Zr-94



22

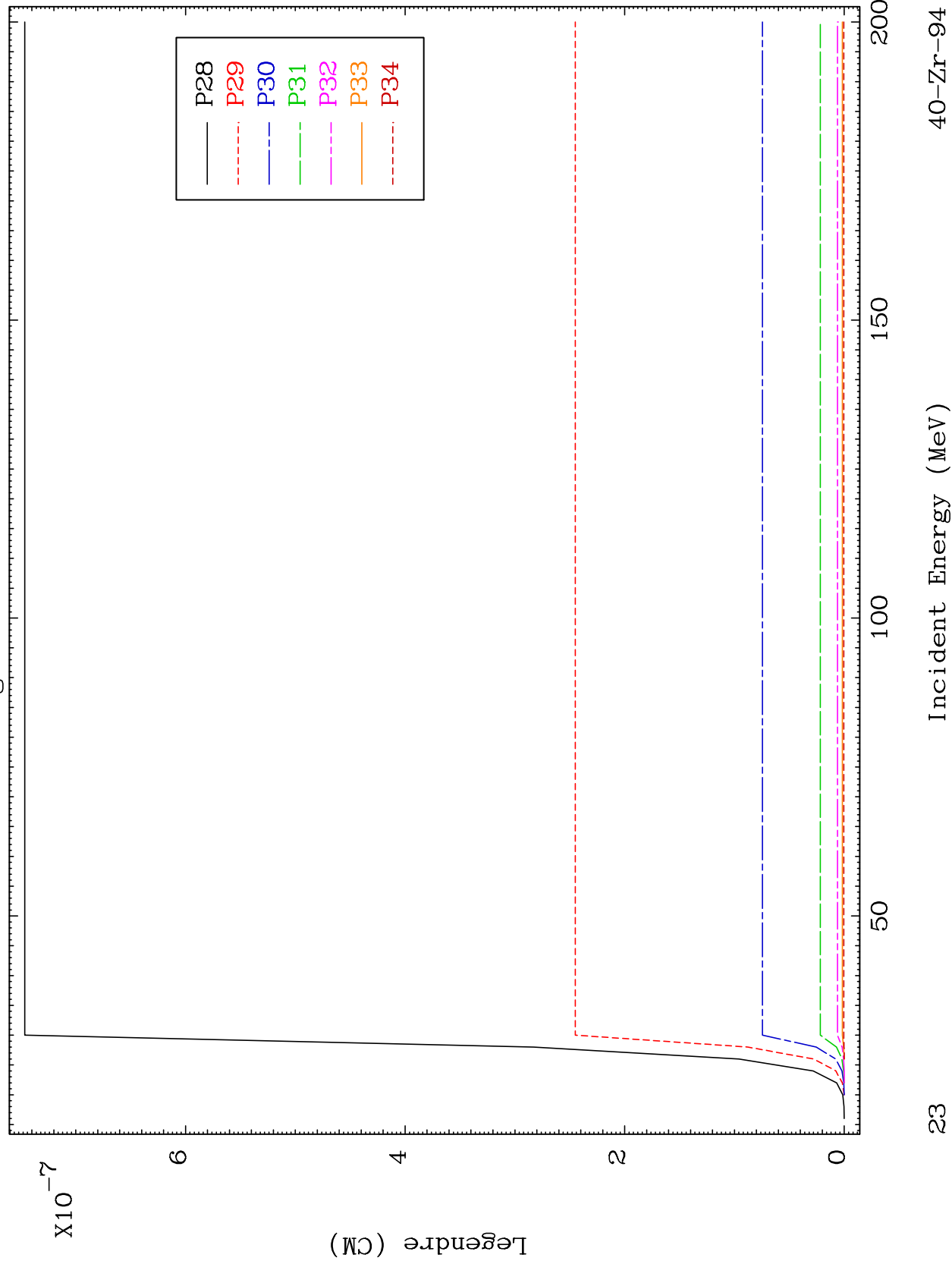
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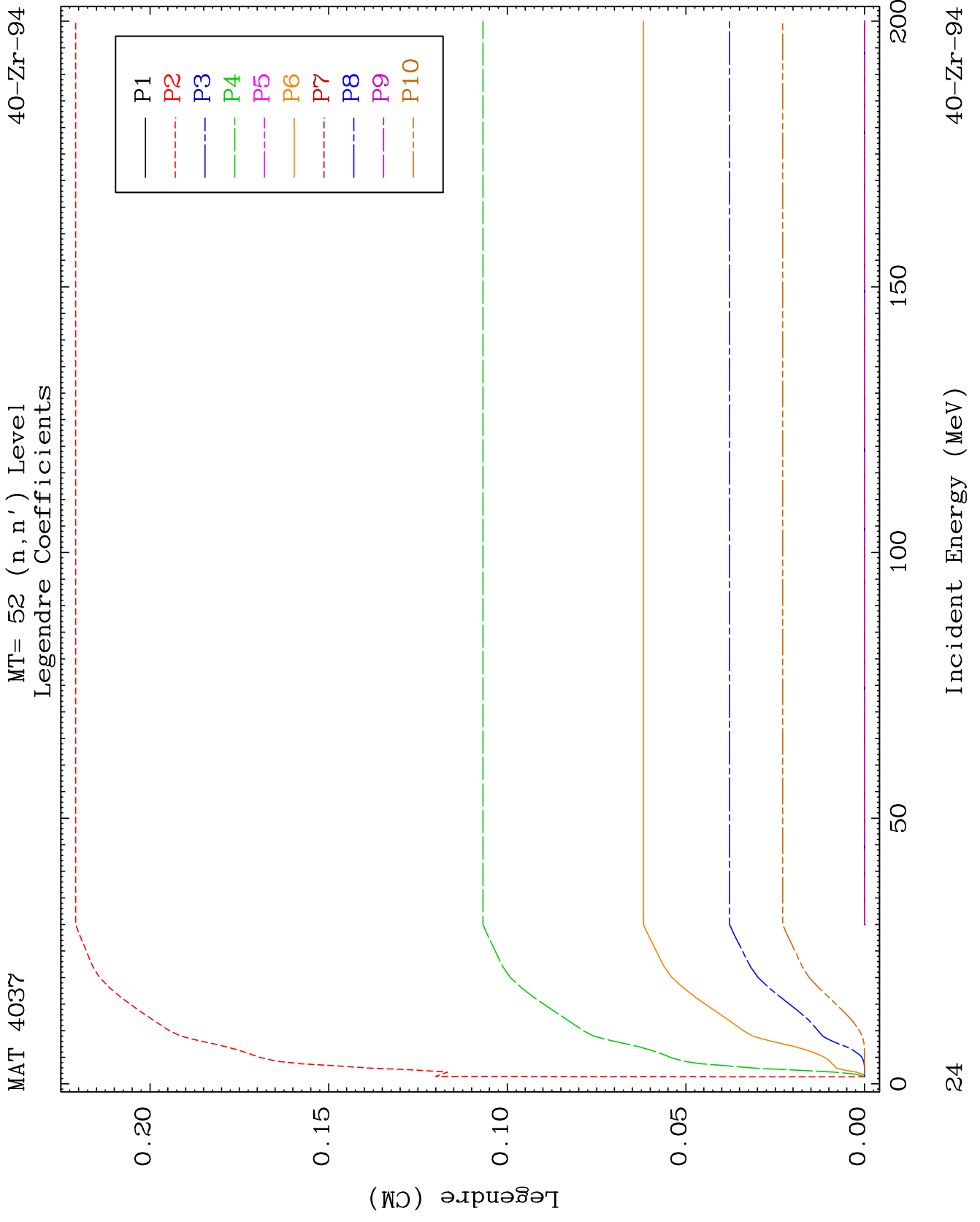
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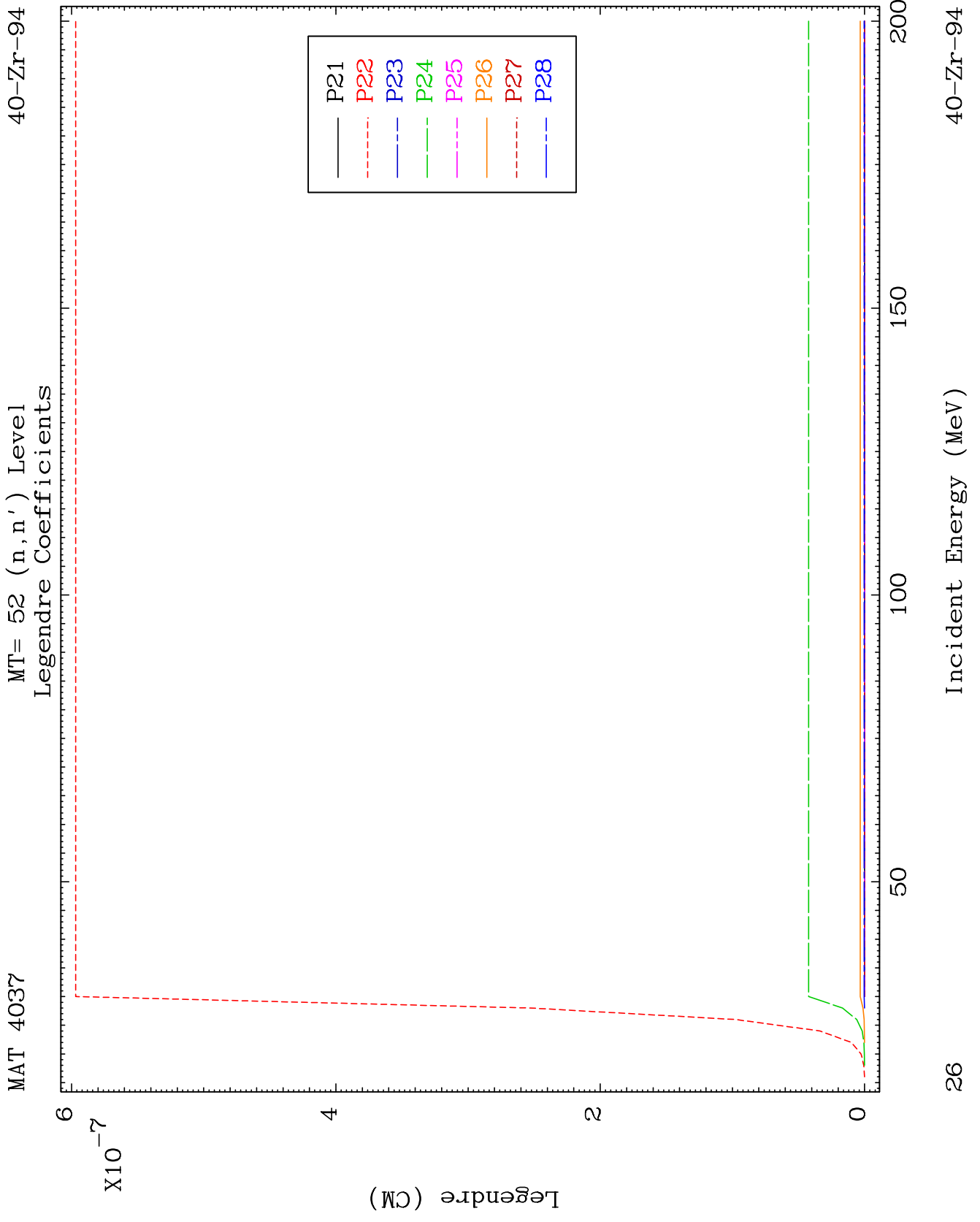
MAT 4037

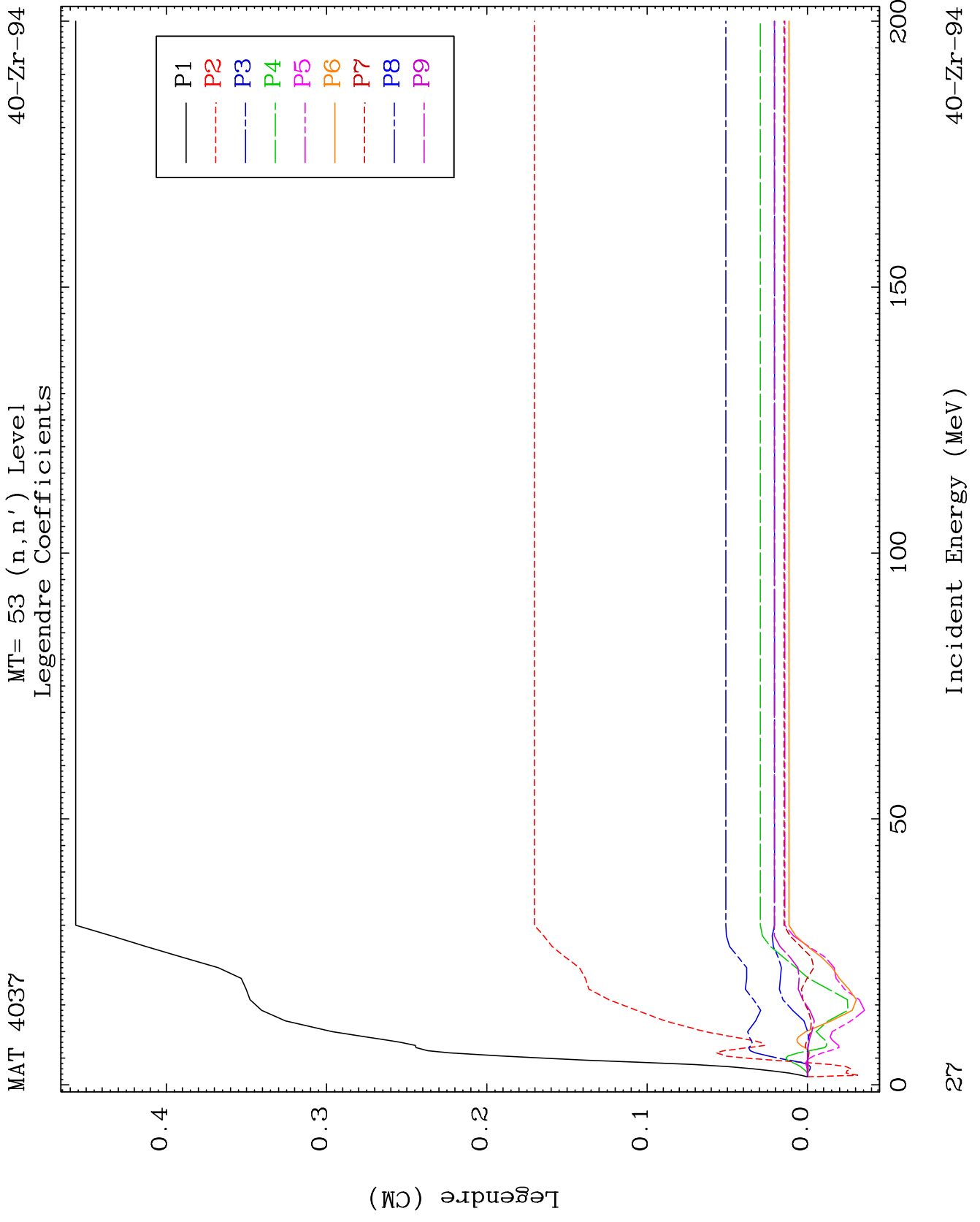
MT= 51 (n,n') Level
Legendre Coefficients

40-Zr-94





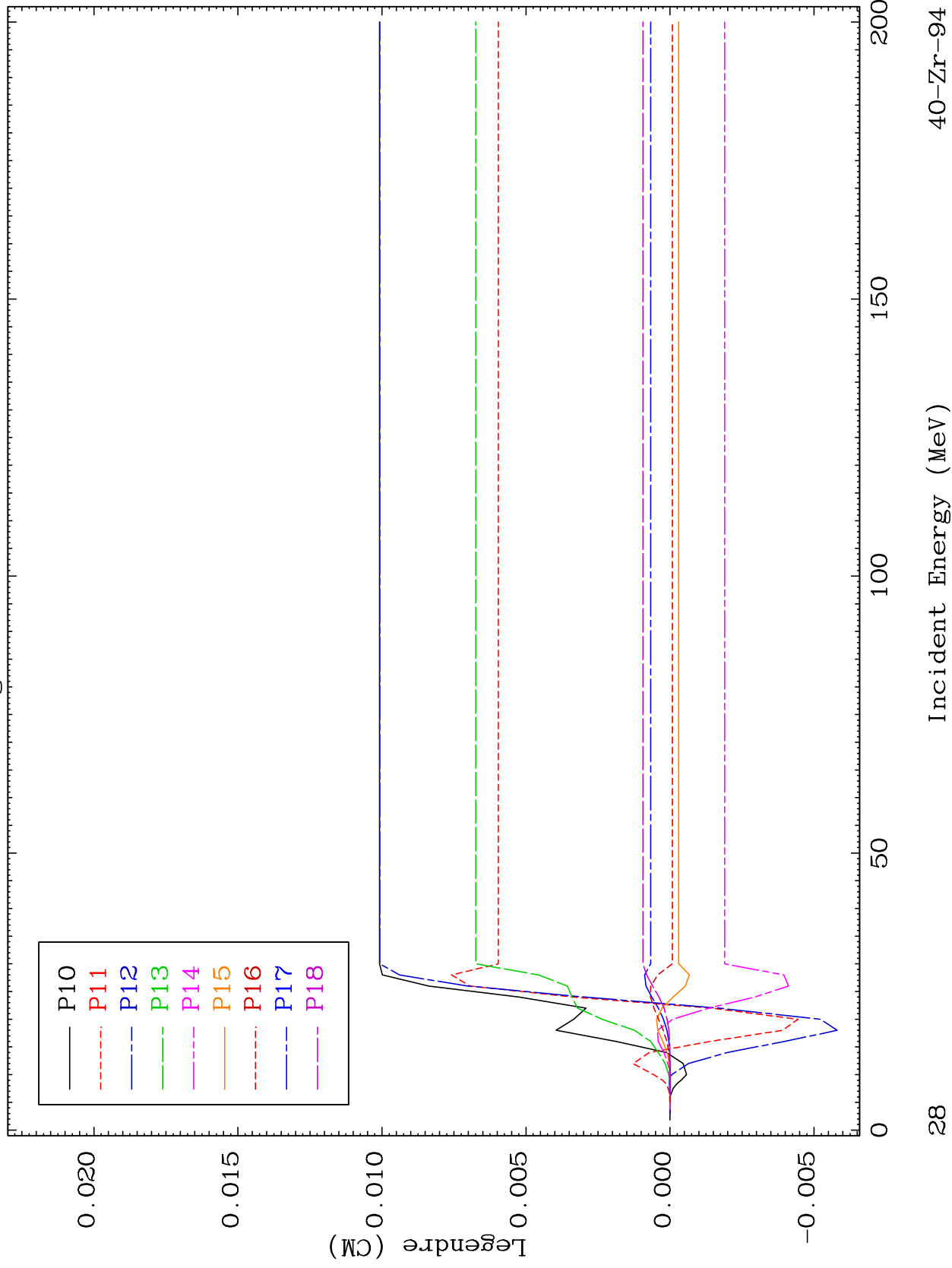




MAT 4037

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

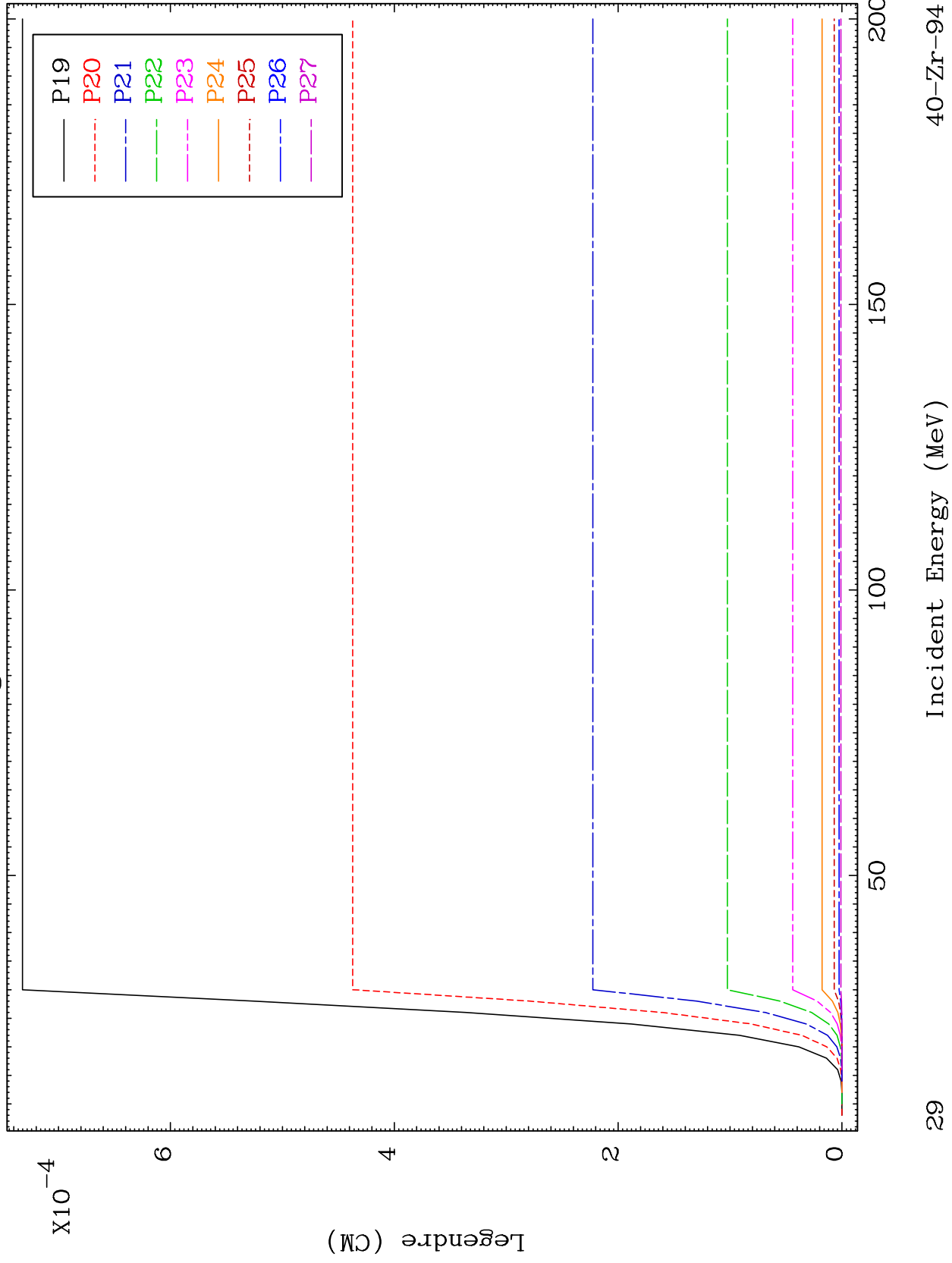
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MAT 4037

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

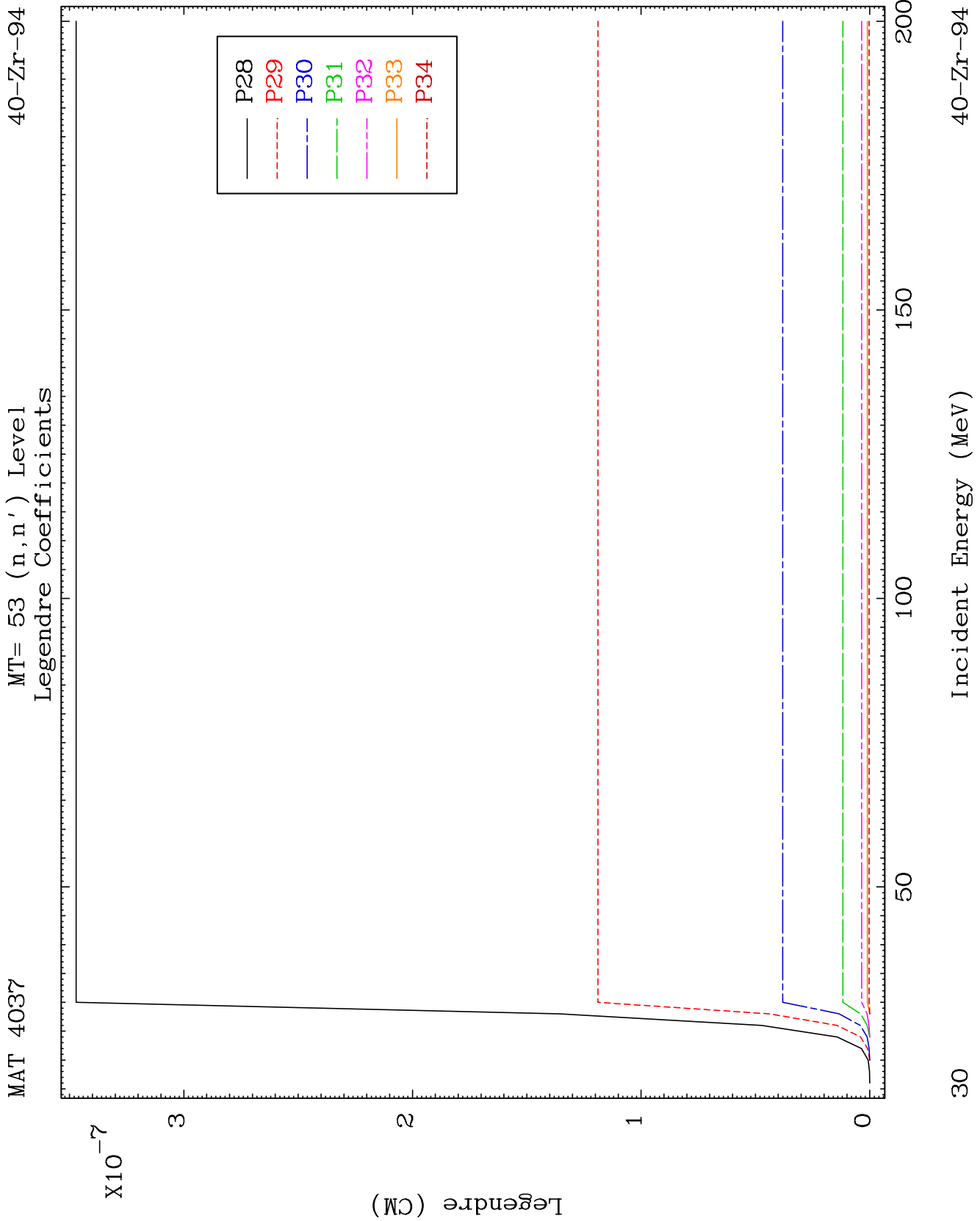
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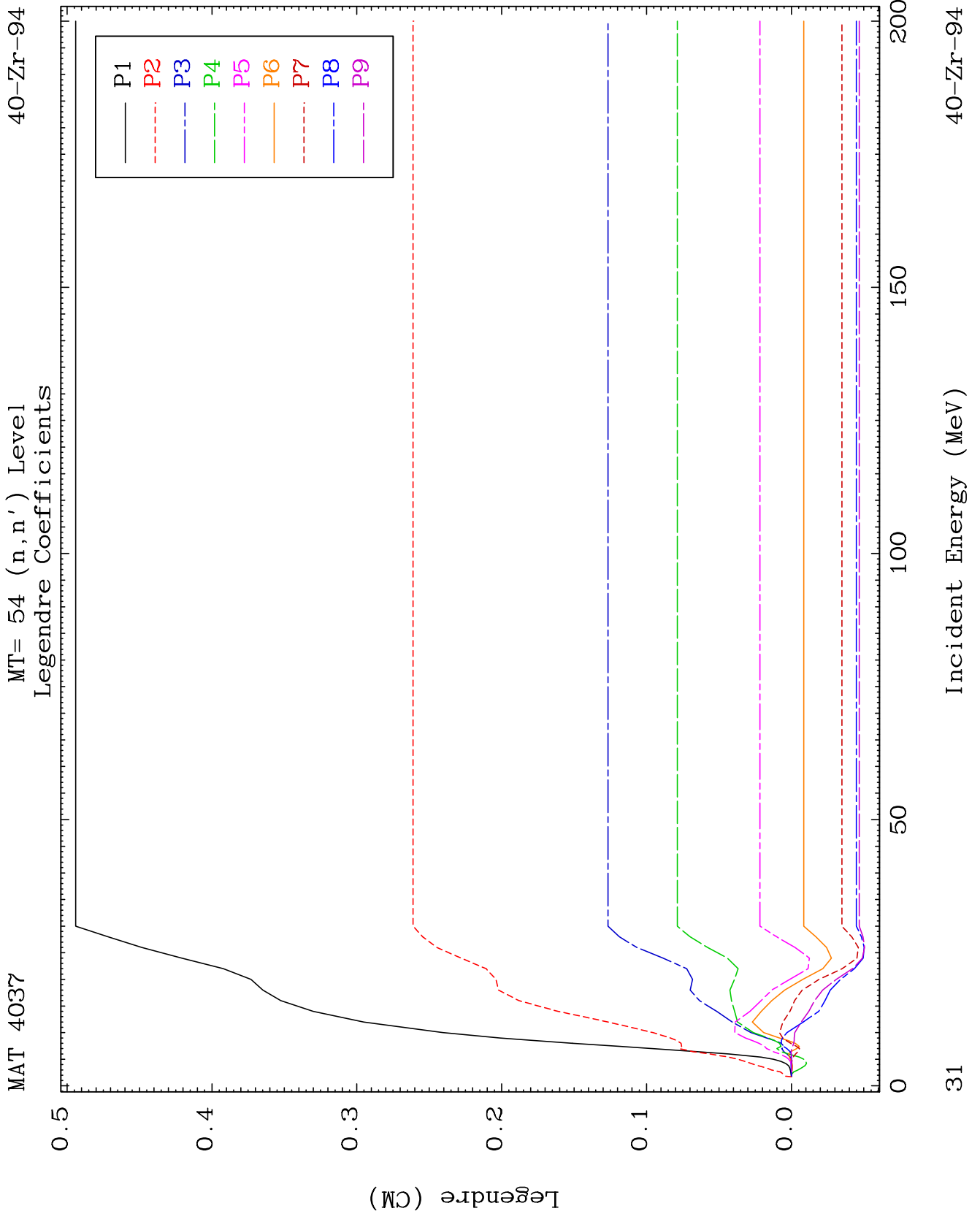


29

Incident Energy (MeV)

40-Zr-94

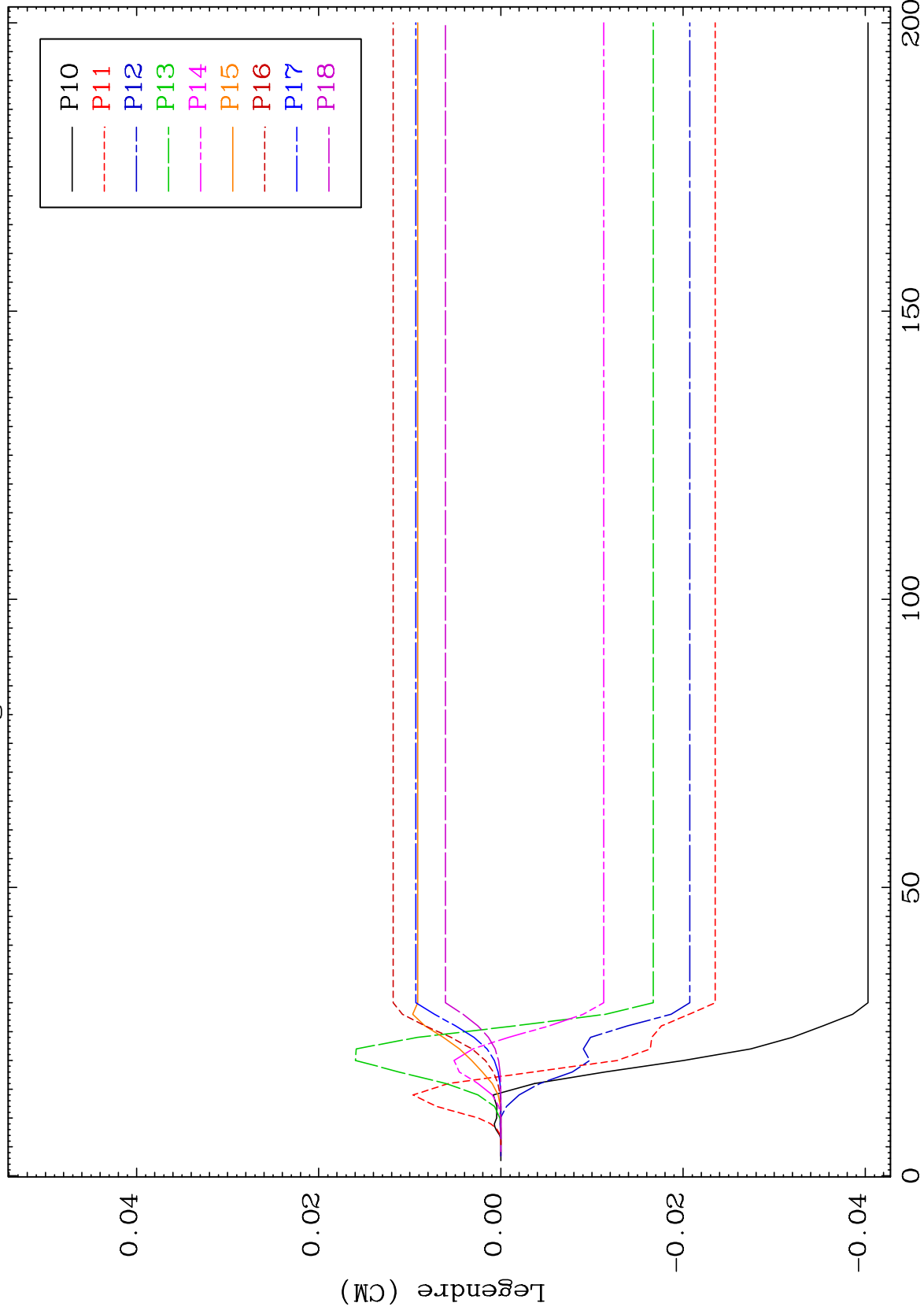




MAT 4037

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

40-Zr-94



32

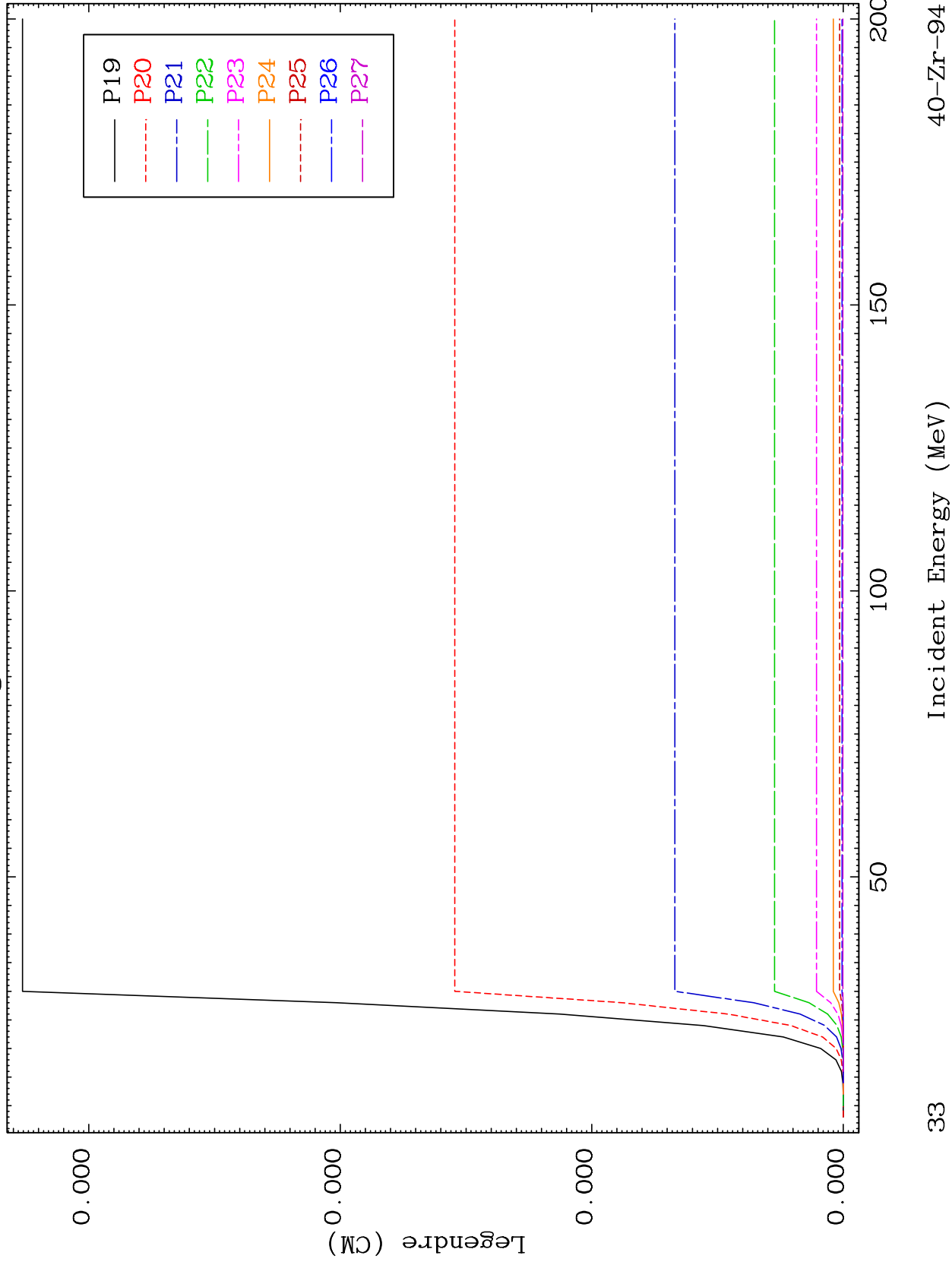
Incident Energy (MeV)

40-Zr-94

MAT 4037

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

40-Zr-94

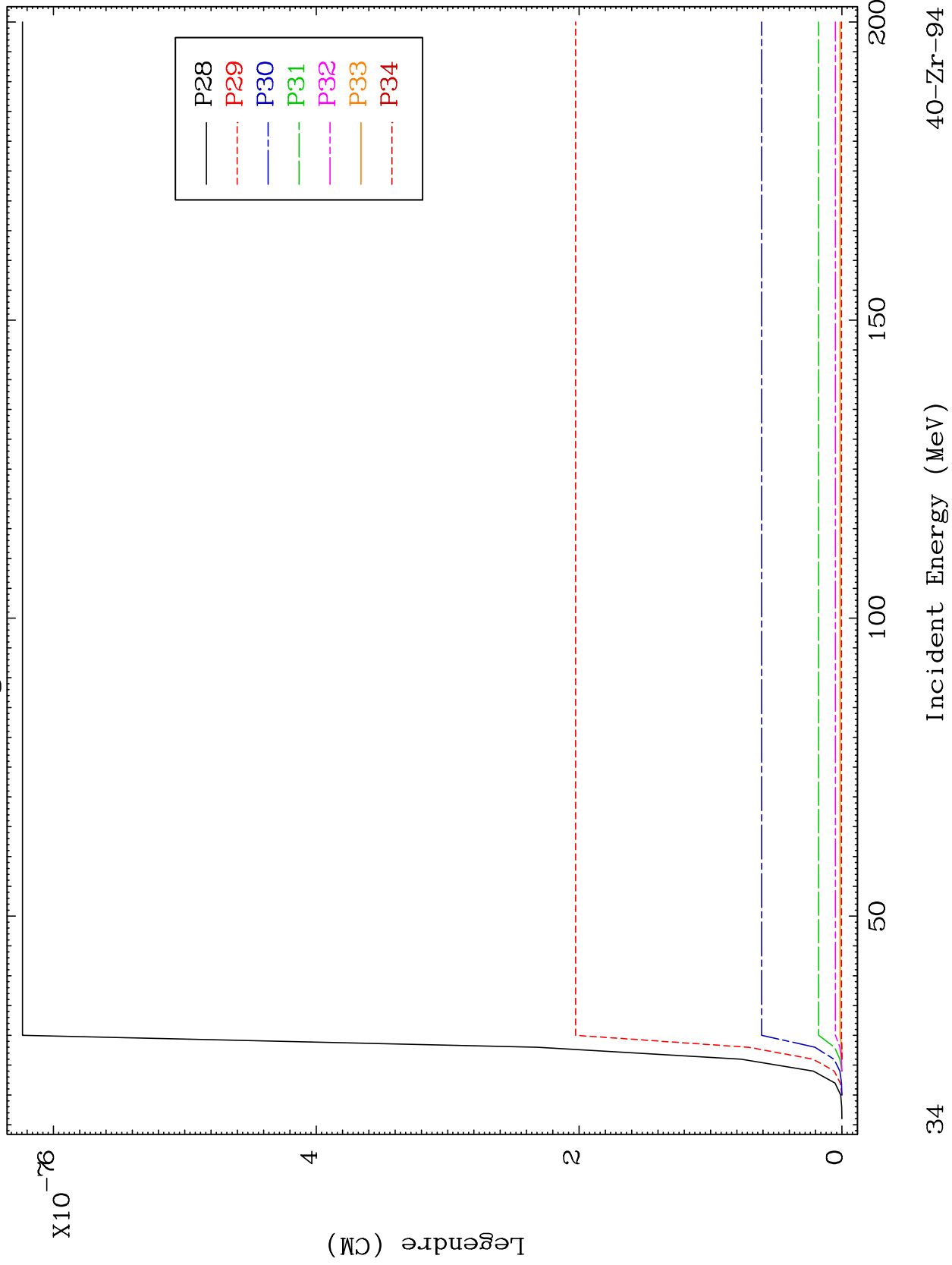


33

MAT 4037

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

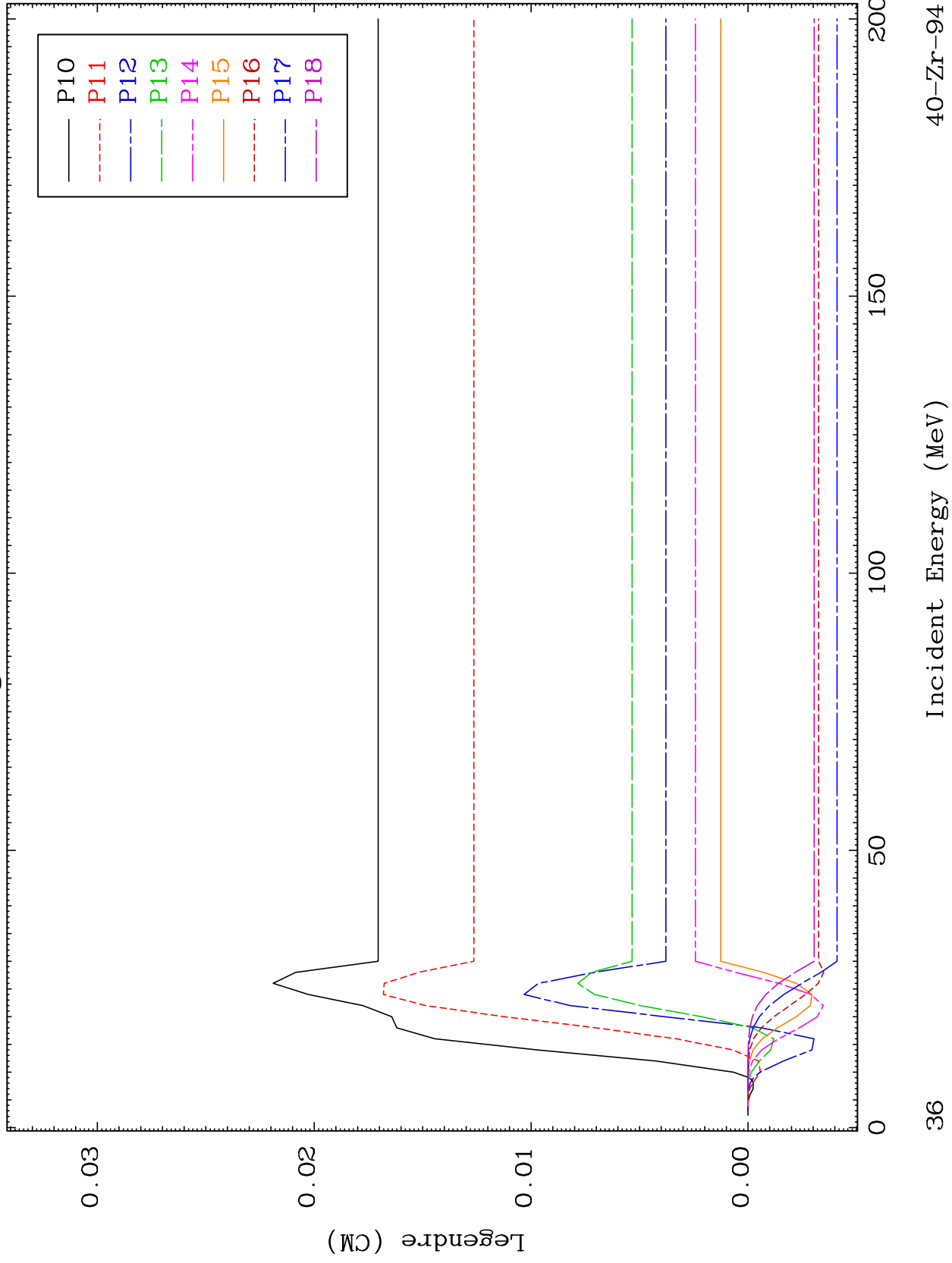
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MAT 4037

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

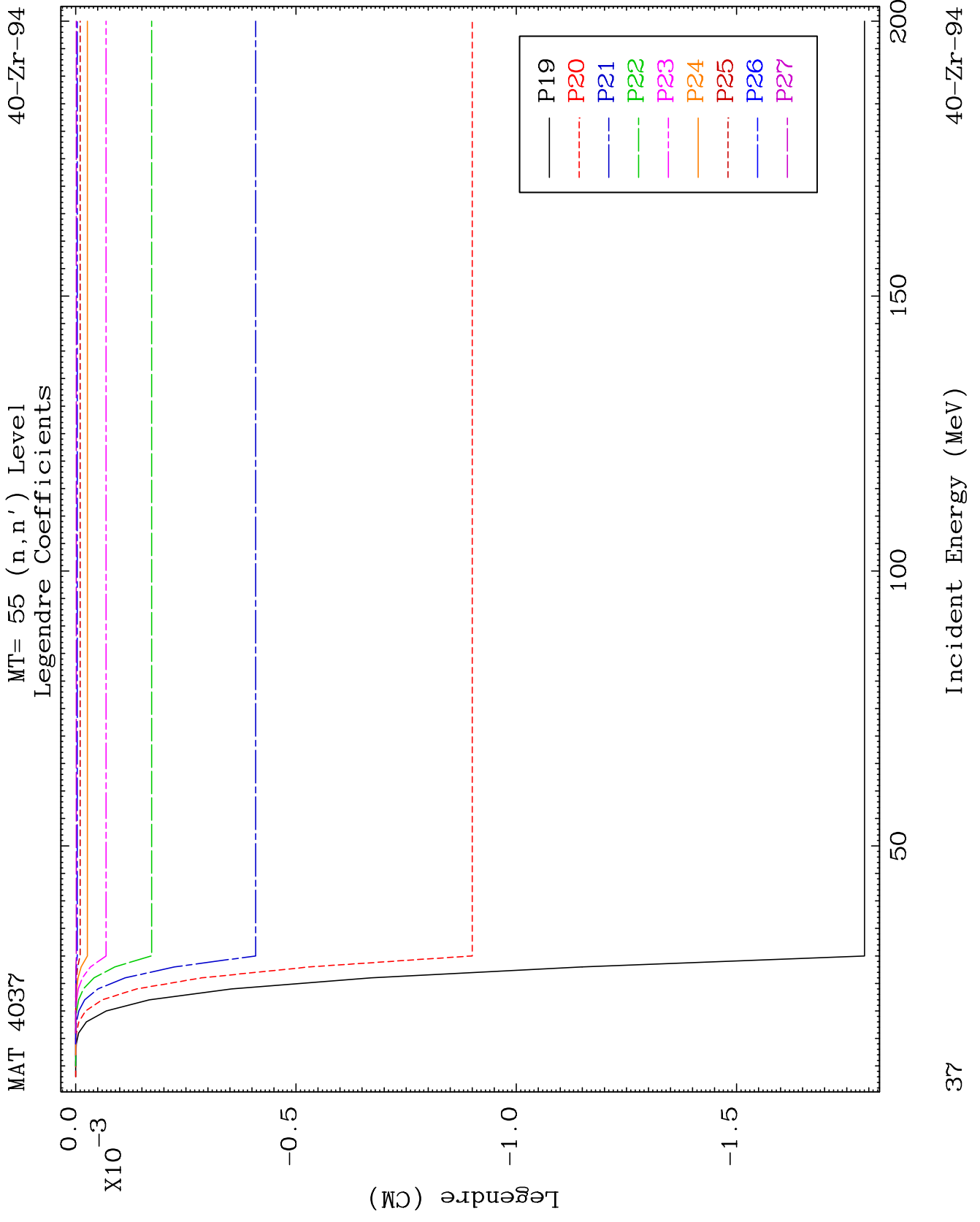
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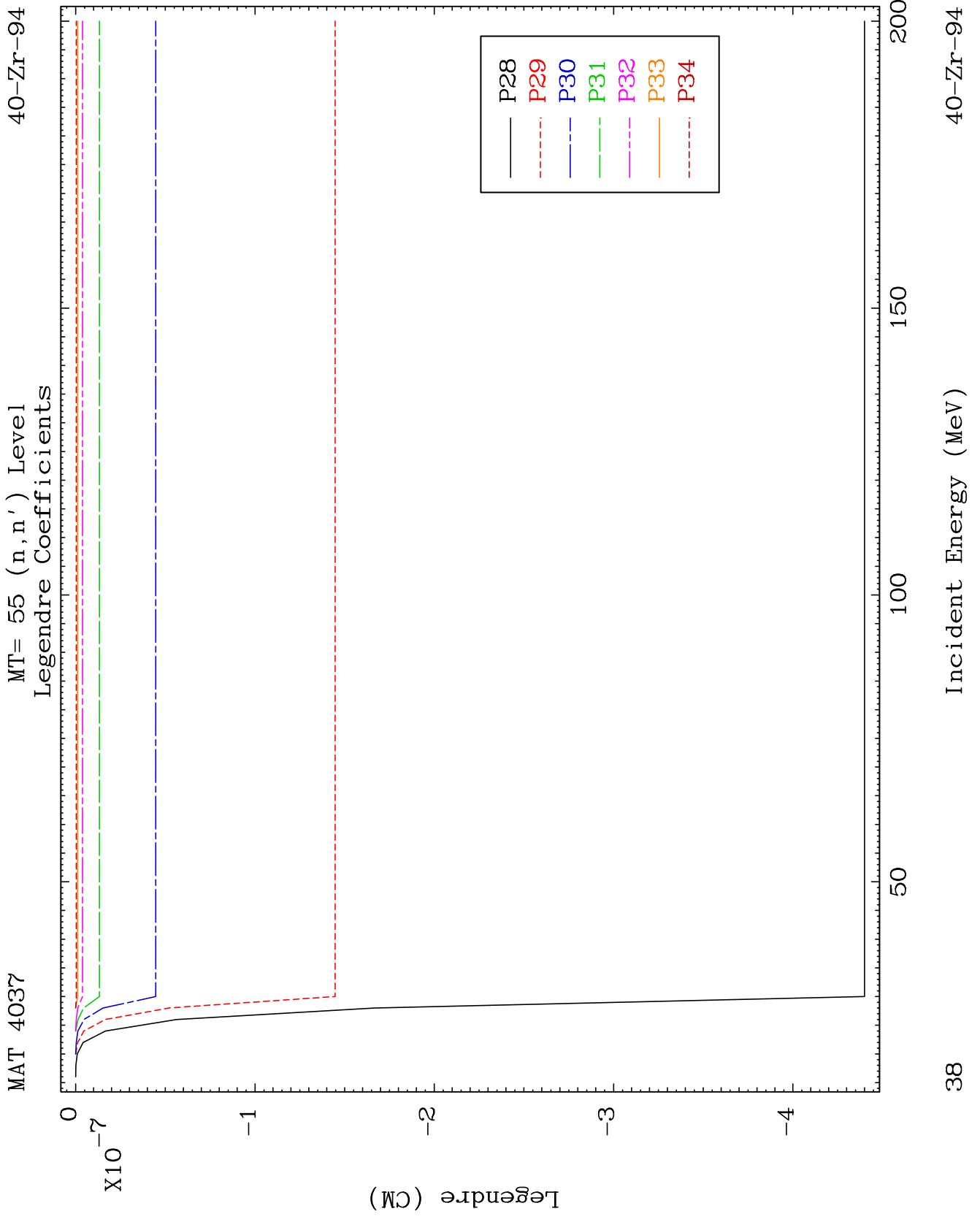


40-Zr-94

Incident Energy (MeV)

36

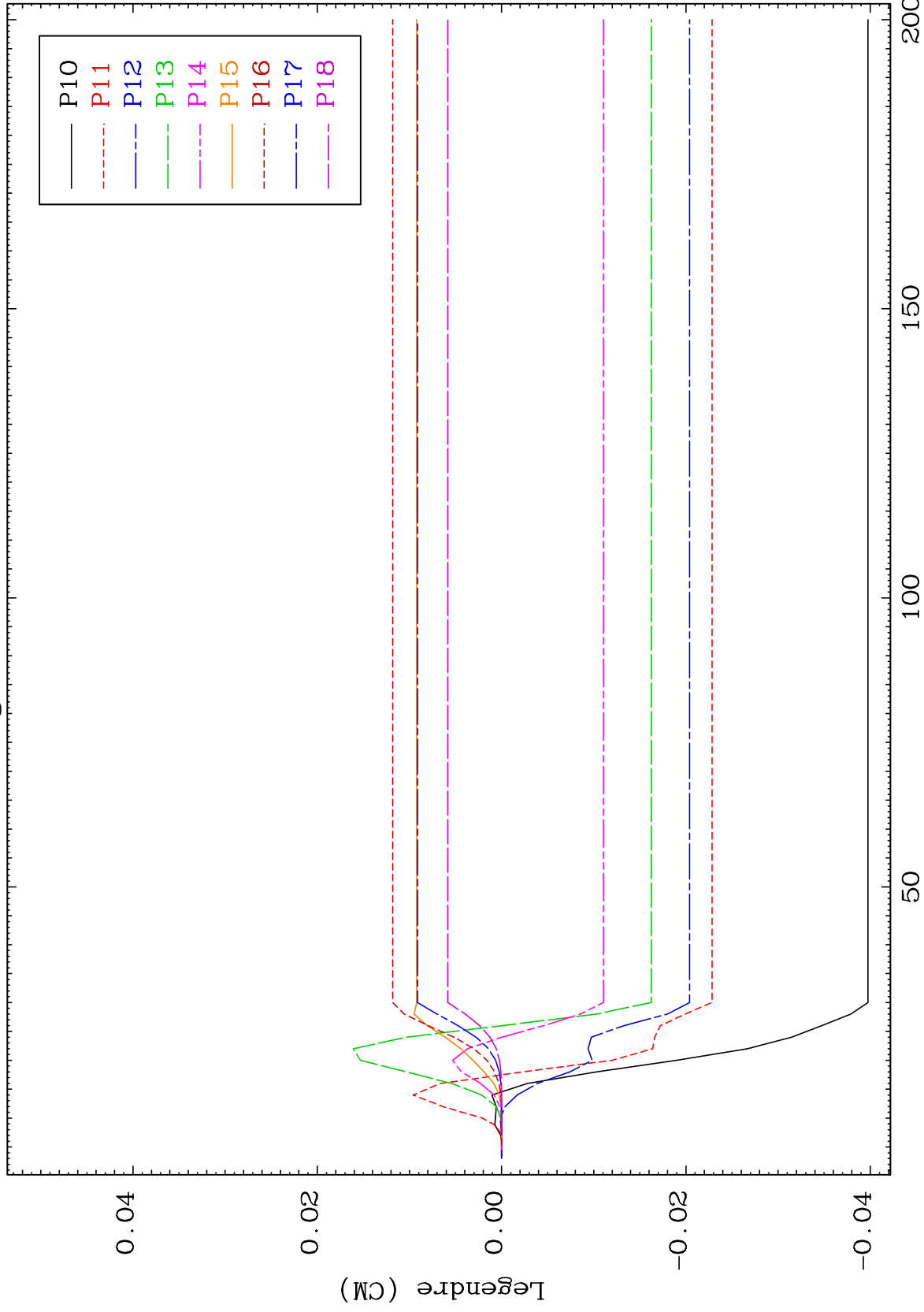




MAT 4037

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

40-Zr-94



40

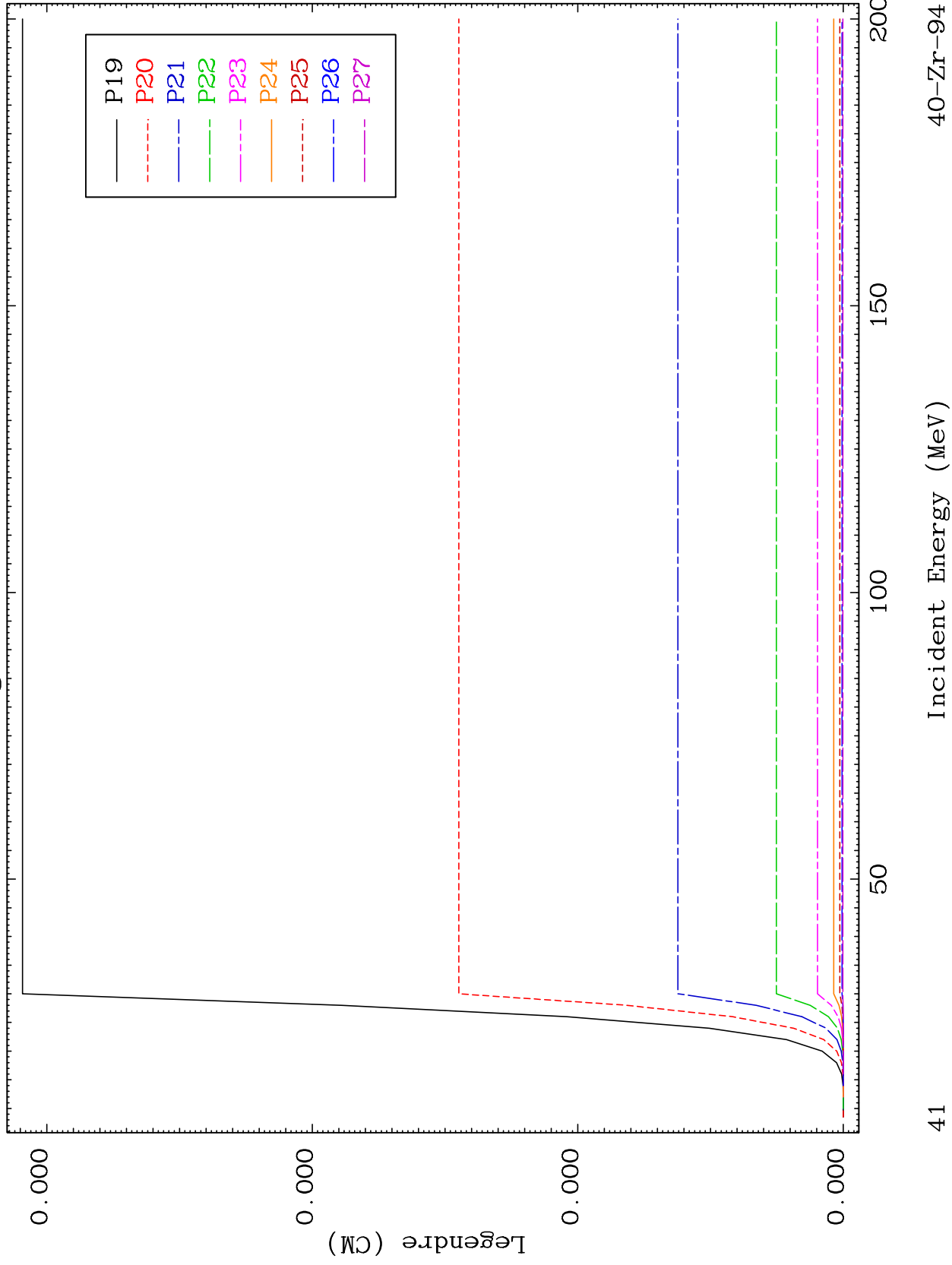
Incident Energy (MeV)

40-Zr-94

MAT 4037

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

40-Zr-94

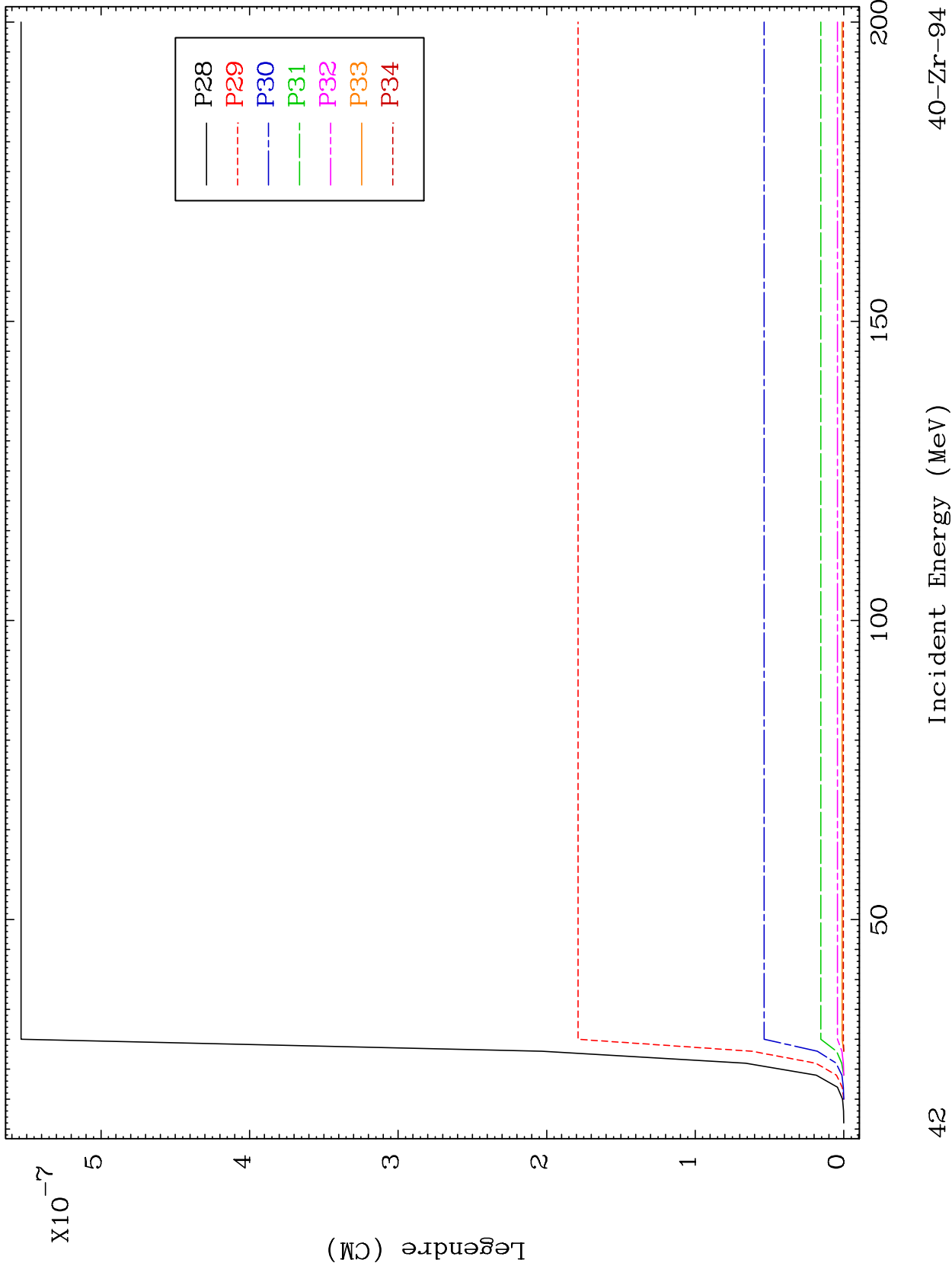


41

MAT 4037

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

40-Zr-94



42

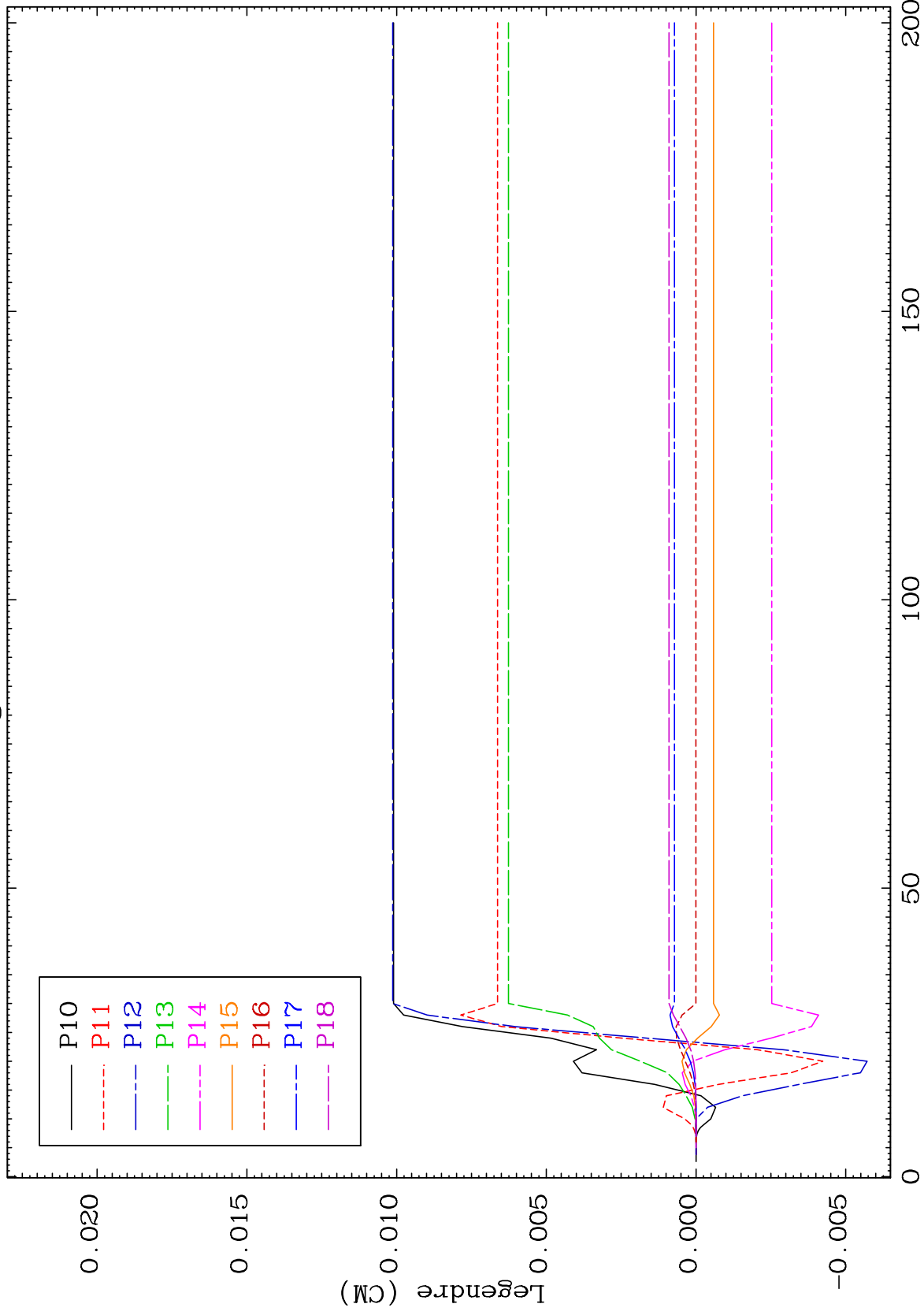
Incident Energy (MeV)

40-Zr-94

MAT 4037

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

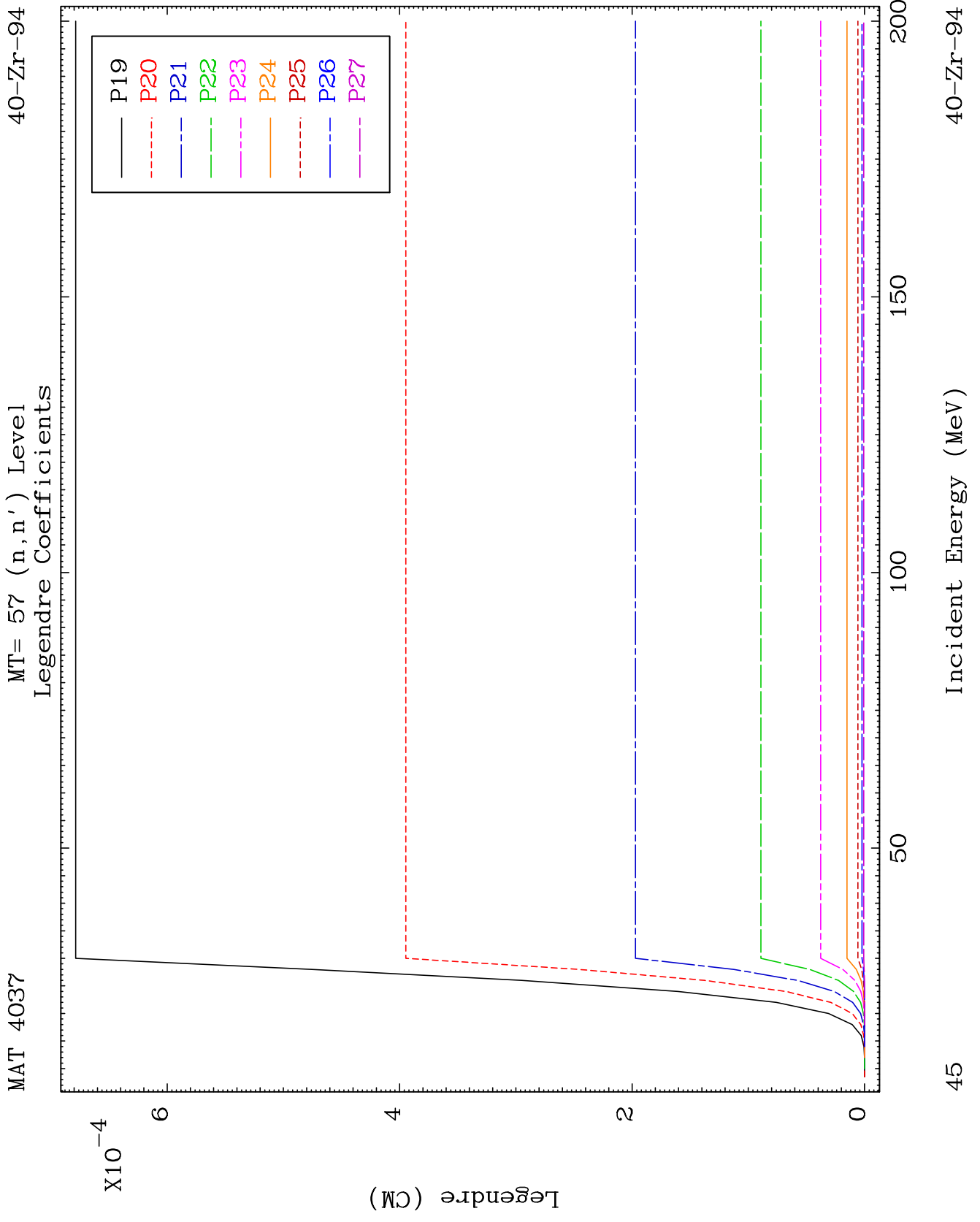
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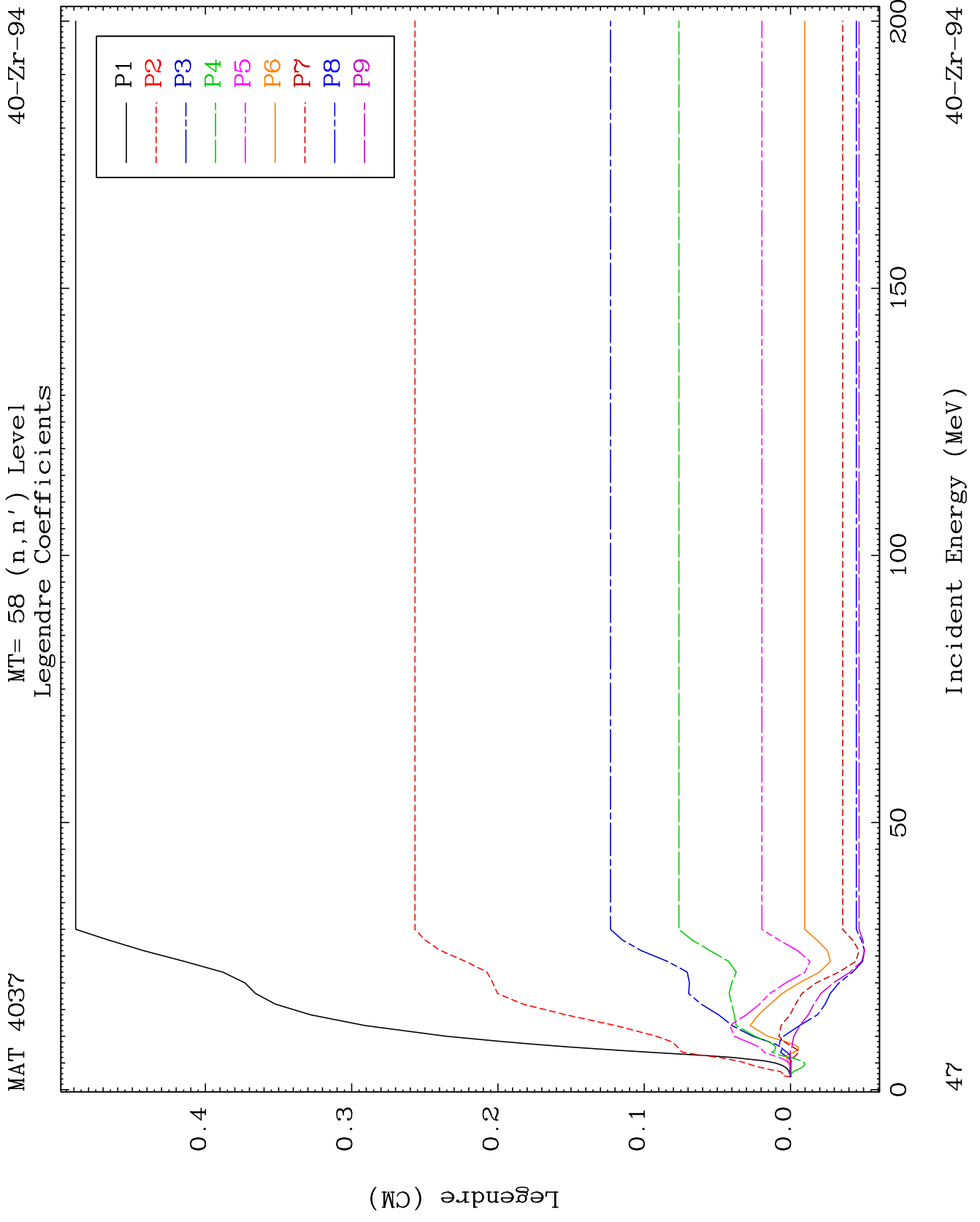


44

Incident Energy (MeV)

40-Zr-94

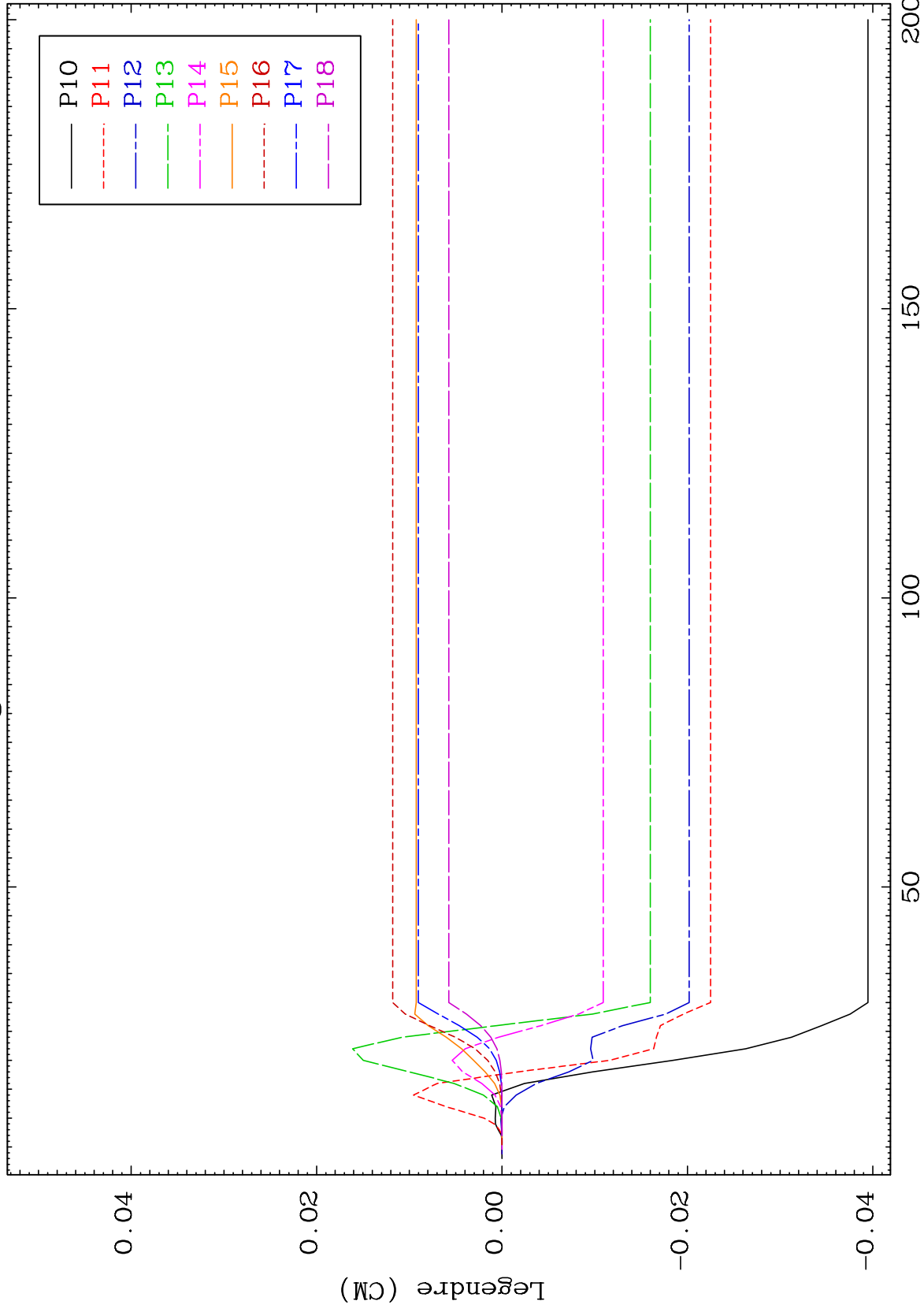




MAT 4037

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

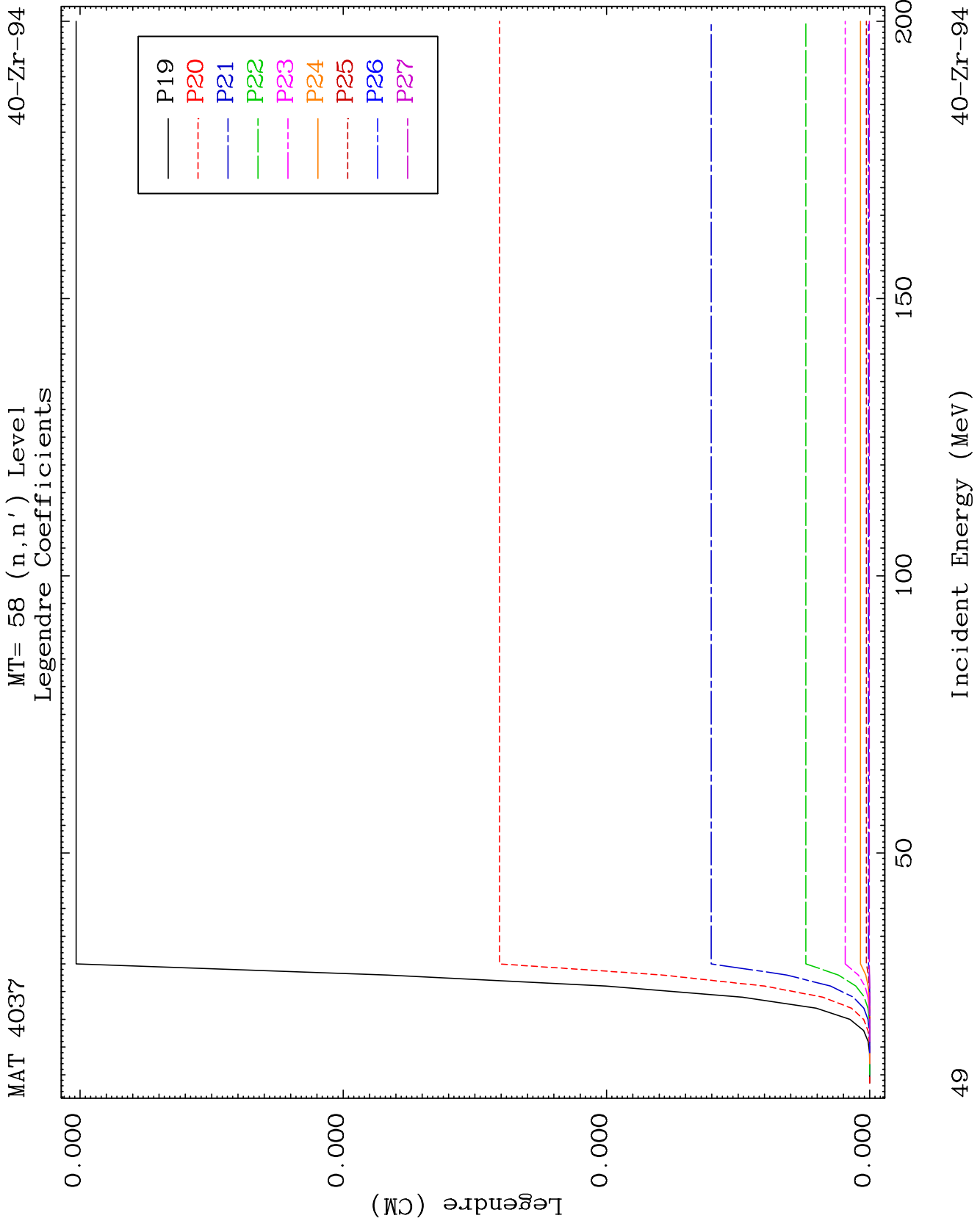
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48

Incident Energy (MeV)

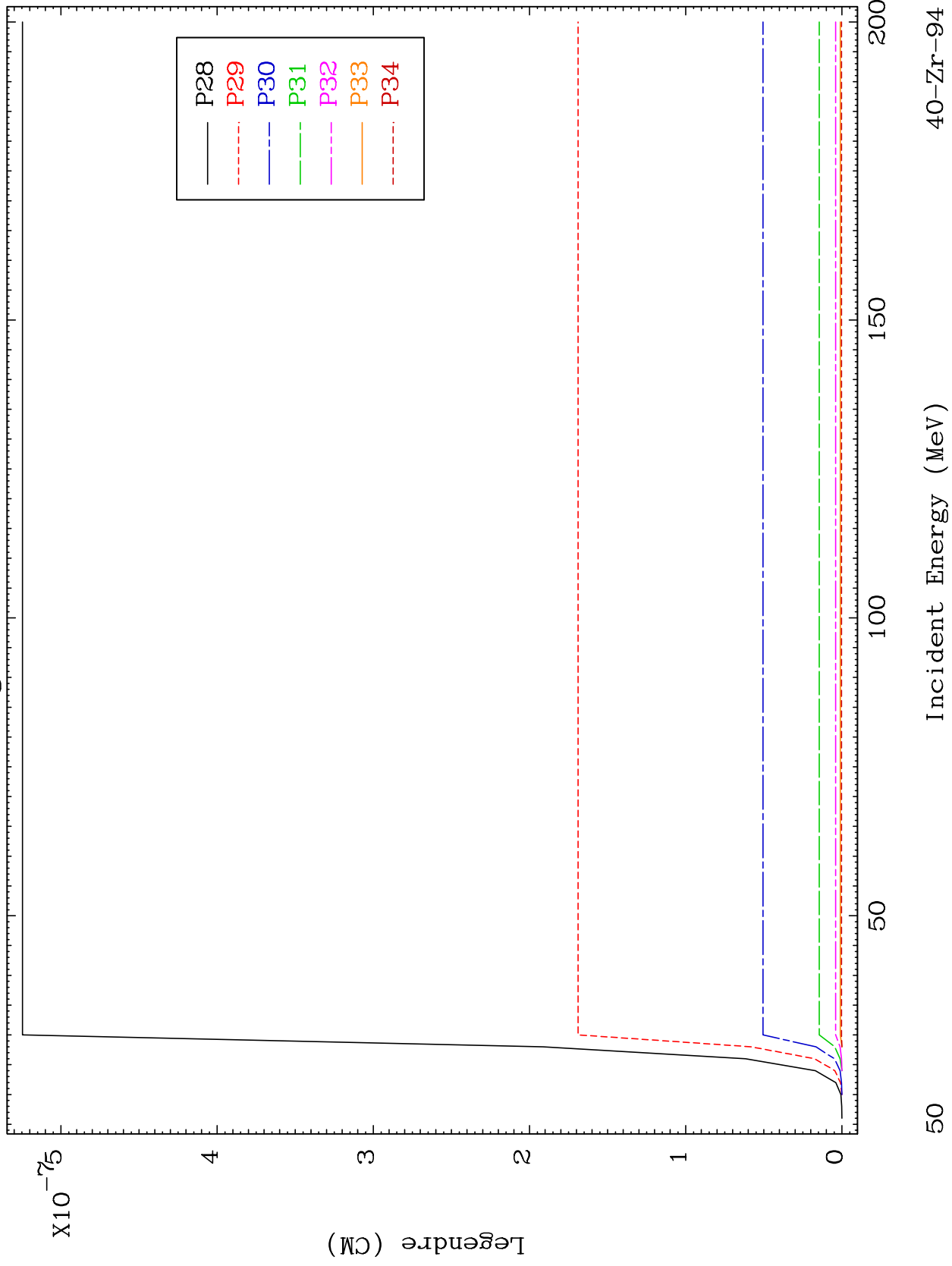
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MAT 4037

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

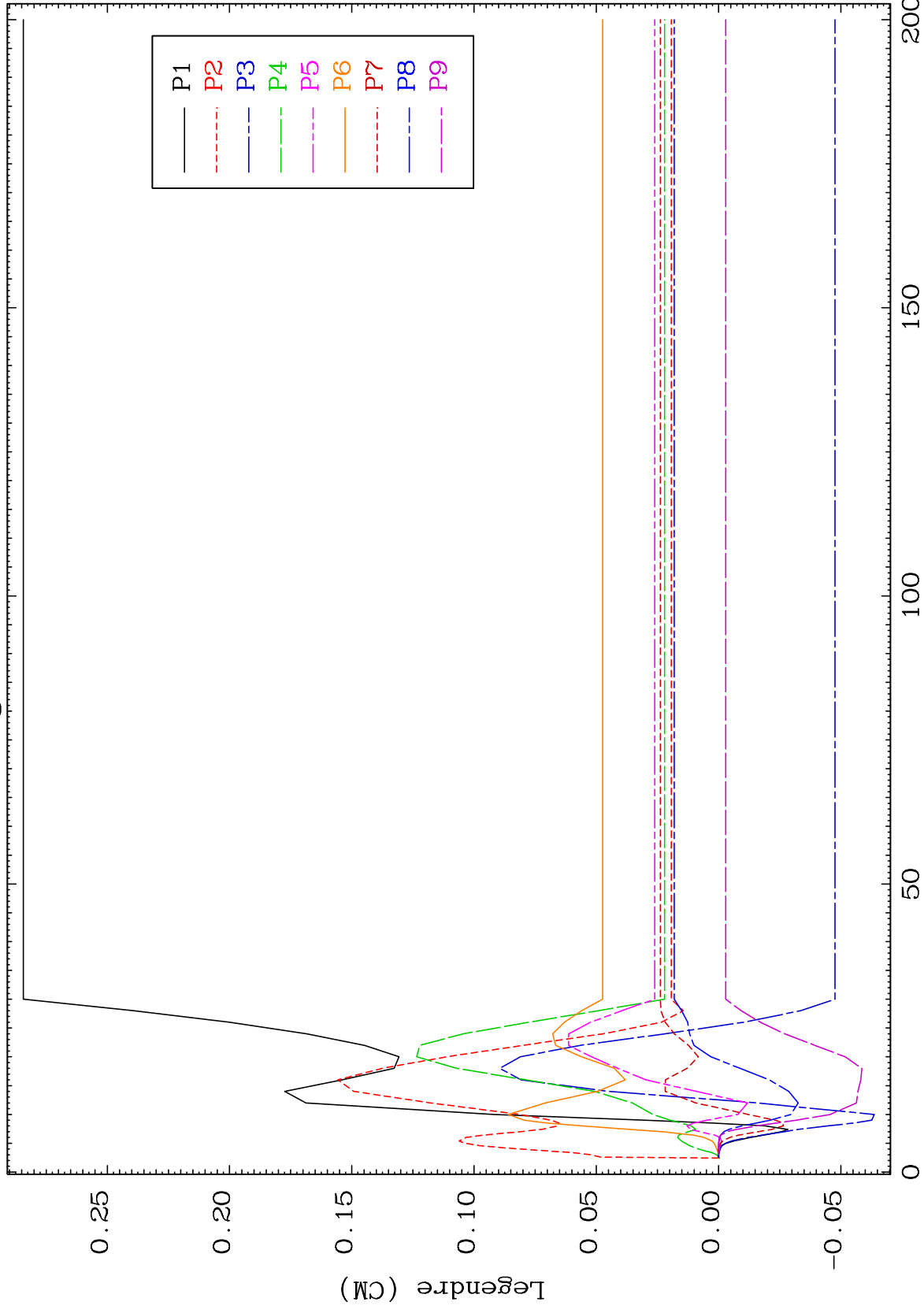
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MAT 4037

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

40-Zr-94



51

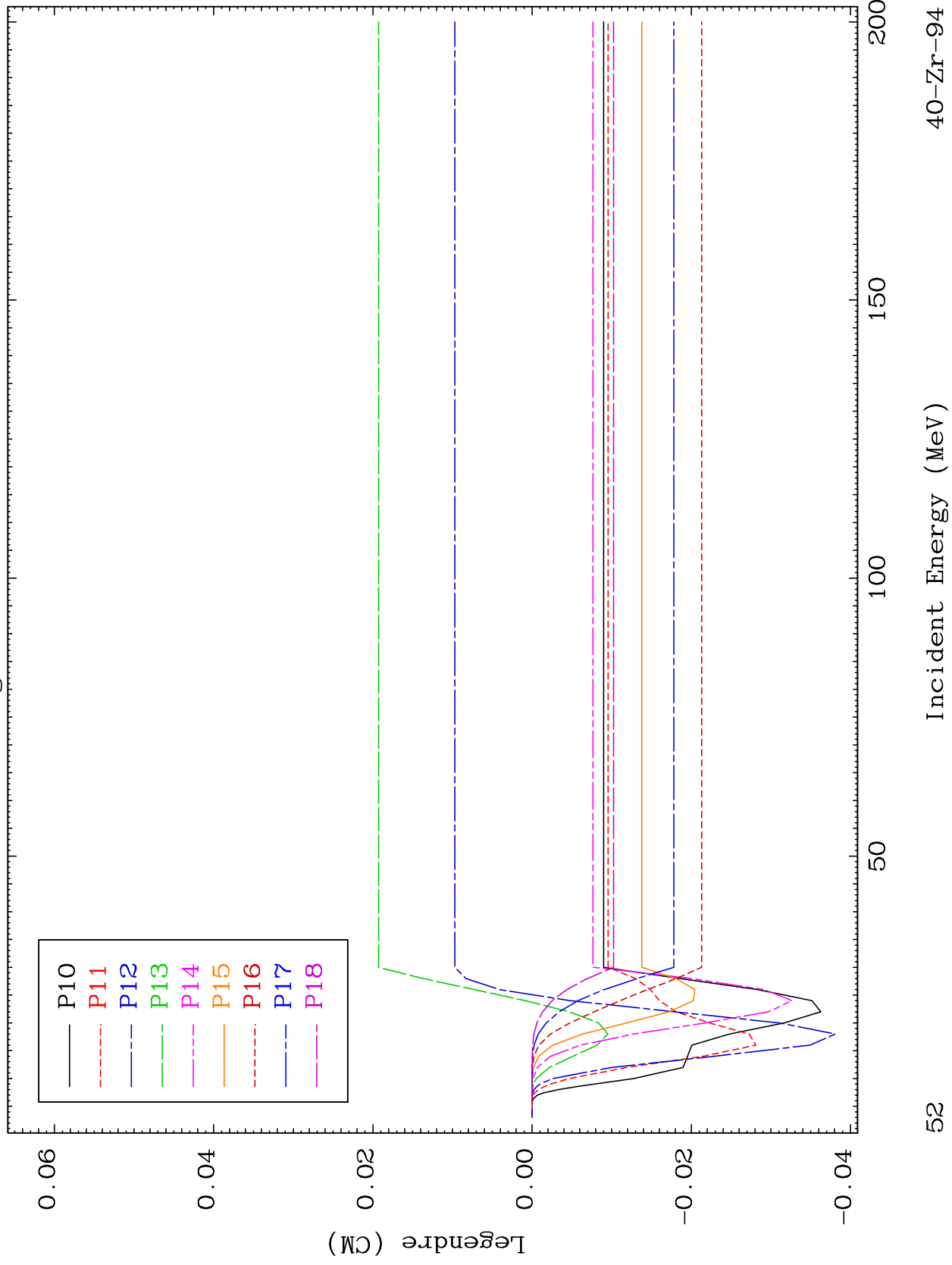
Incident Energy (MeV)

40-Zr-94

MAT 4037

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

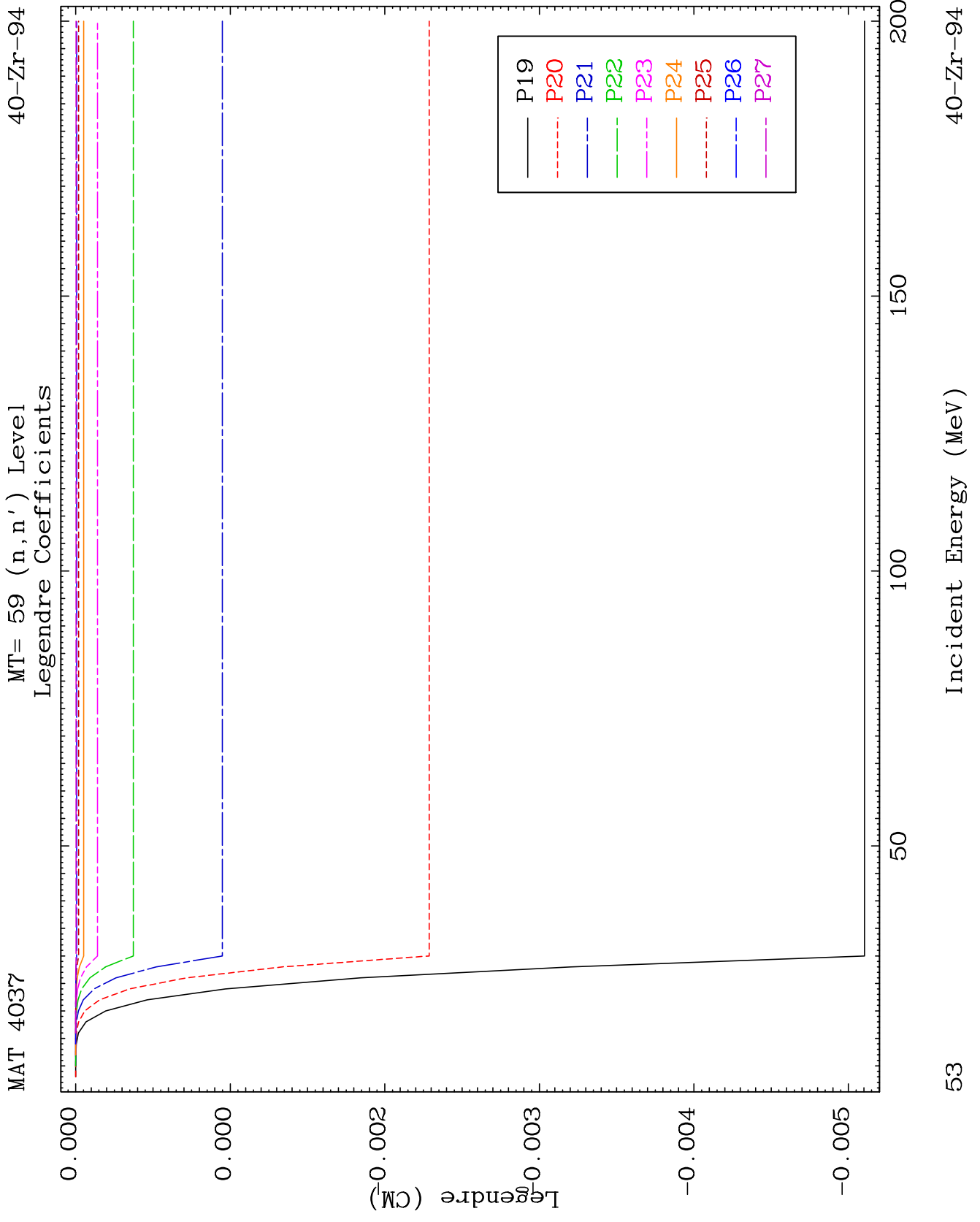
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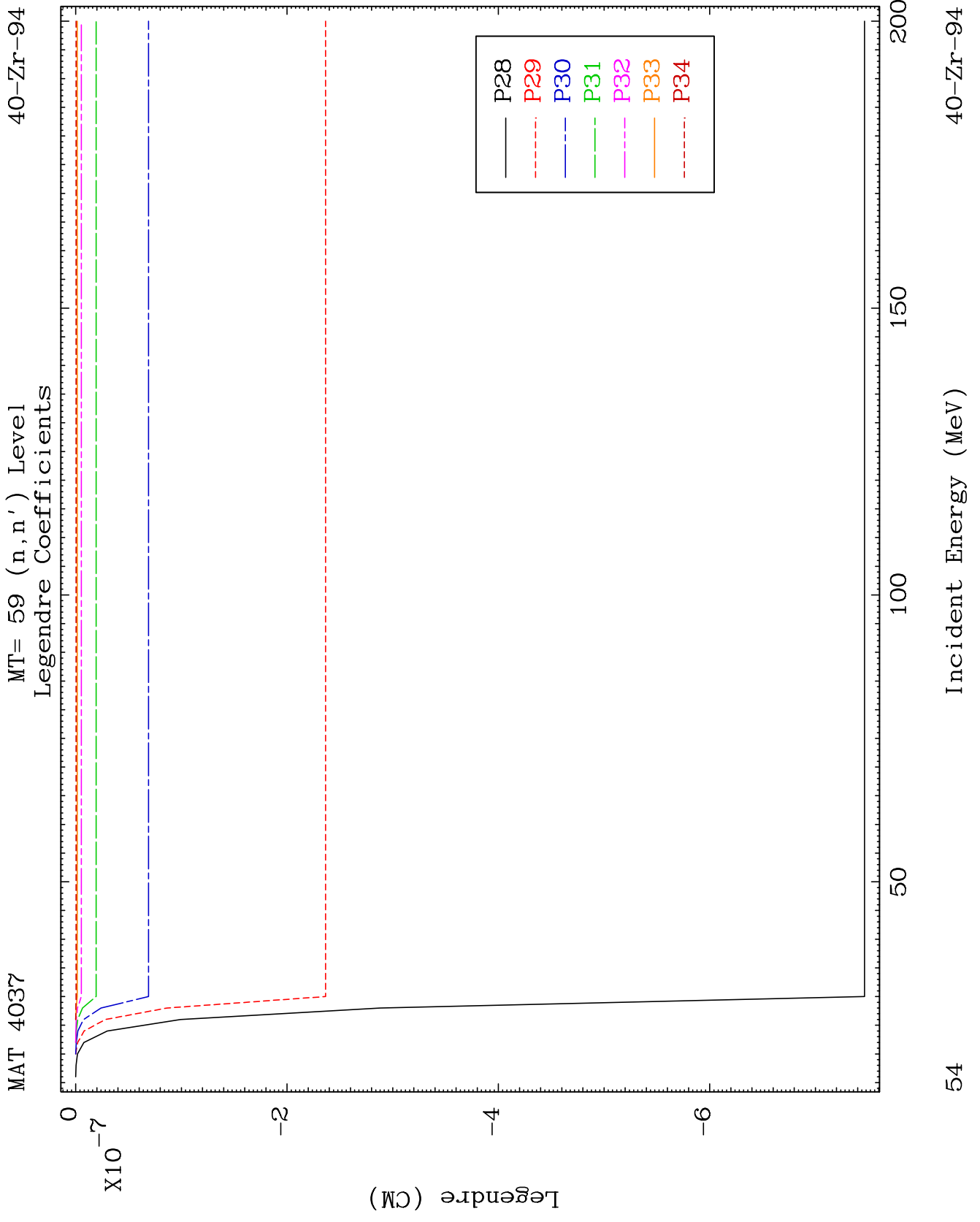


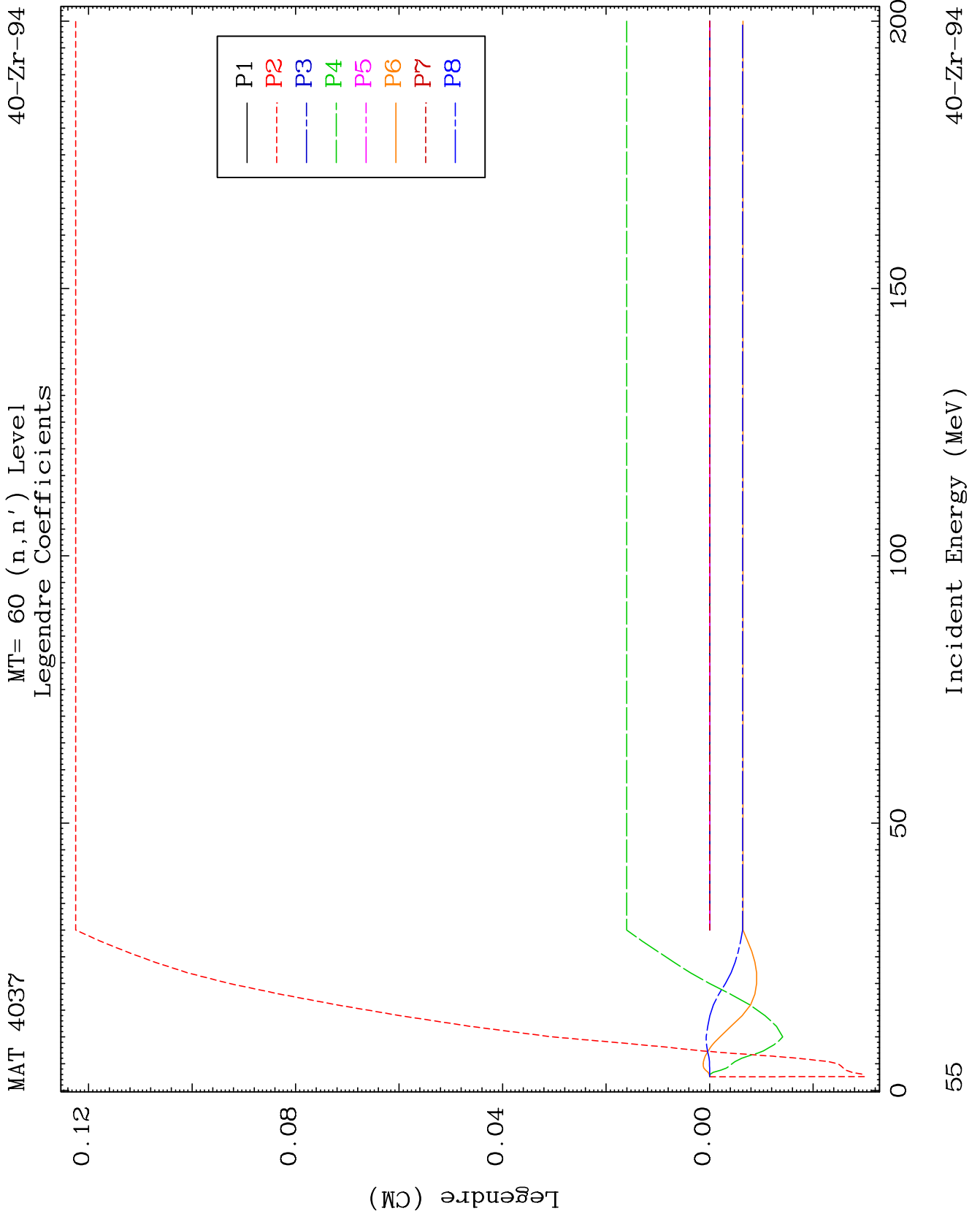
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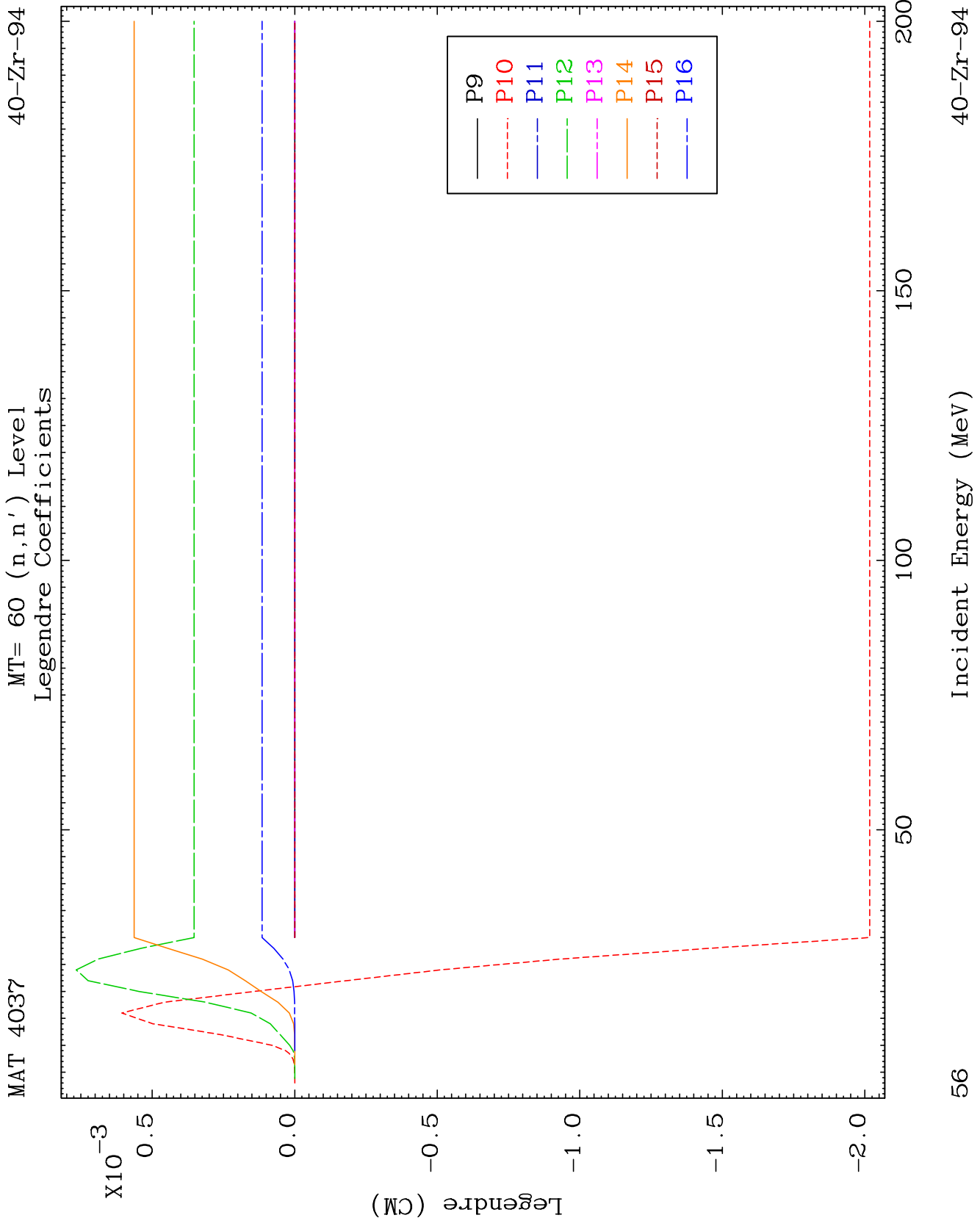
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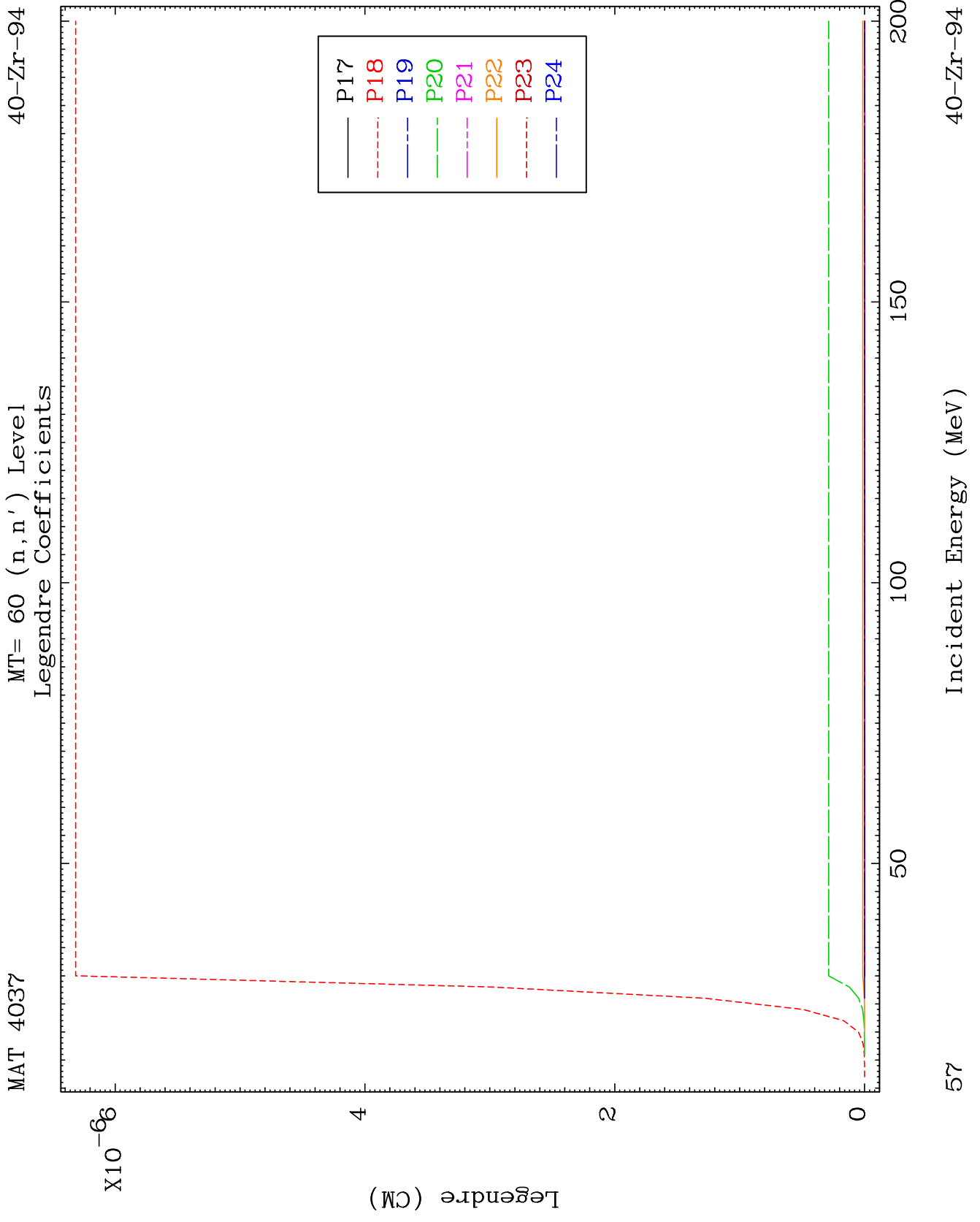
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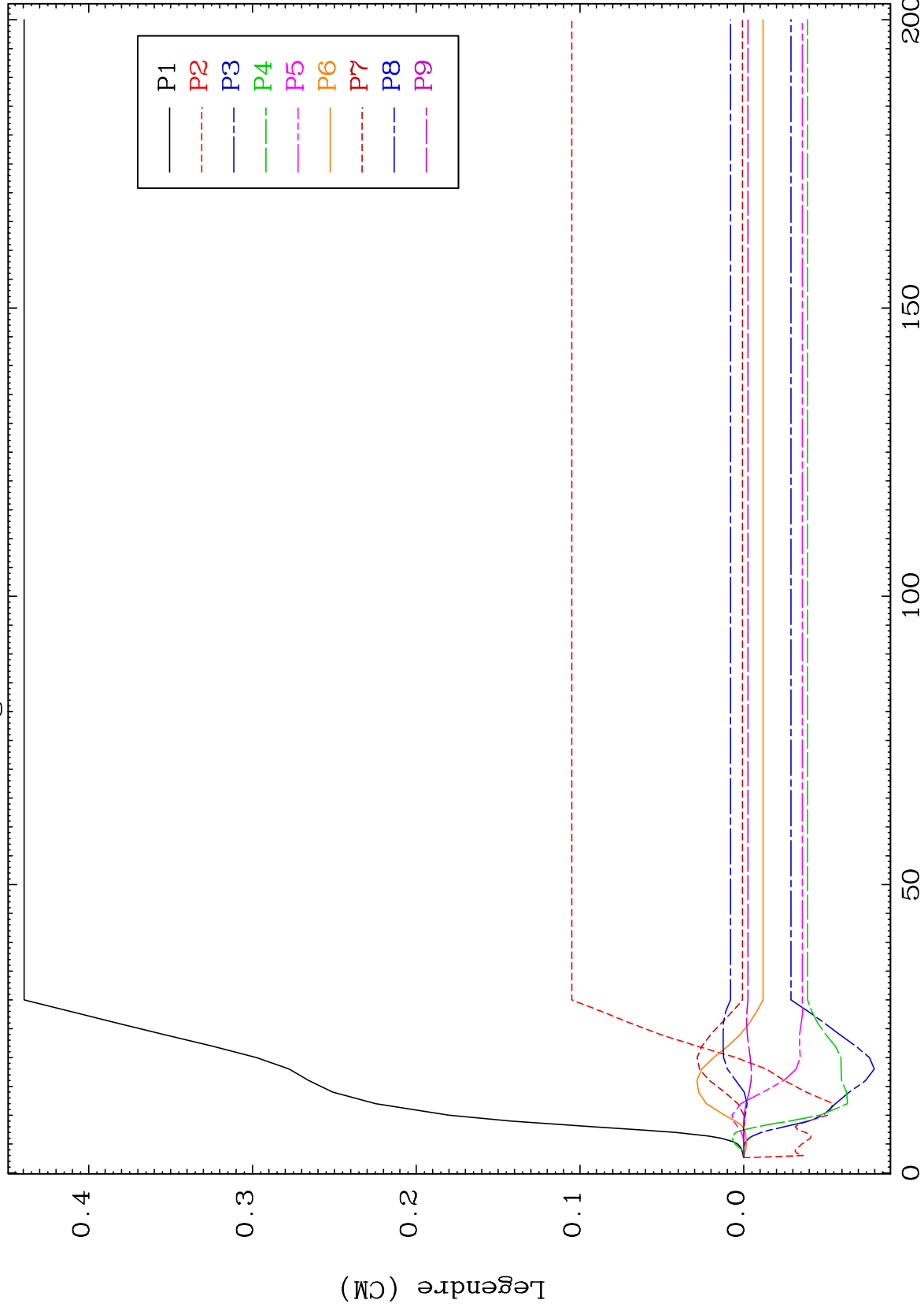




MAT 4037

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

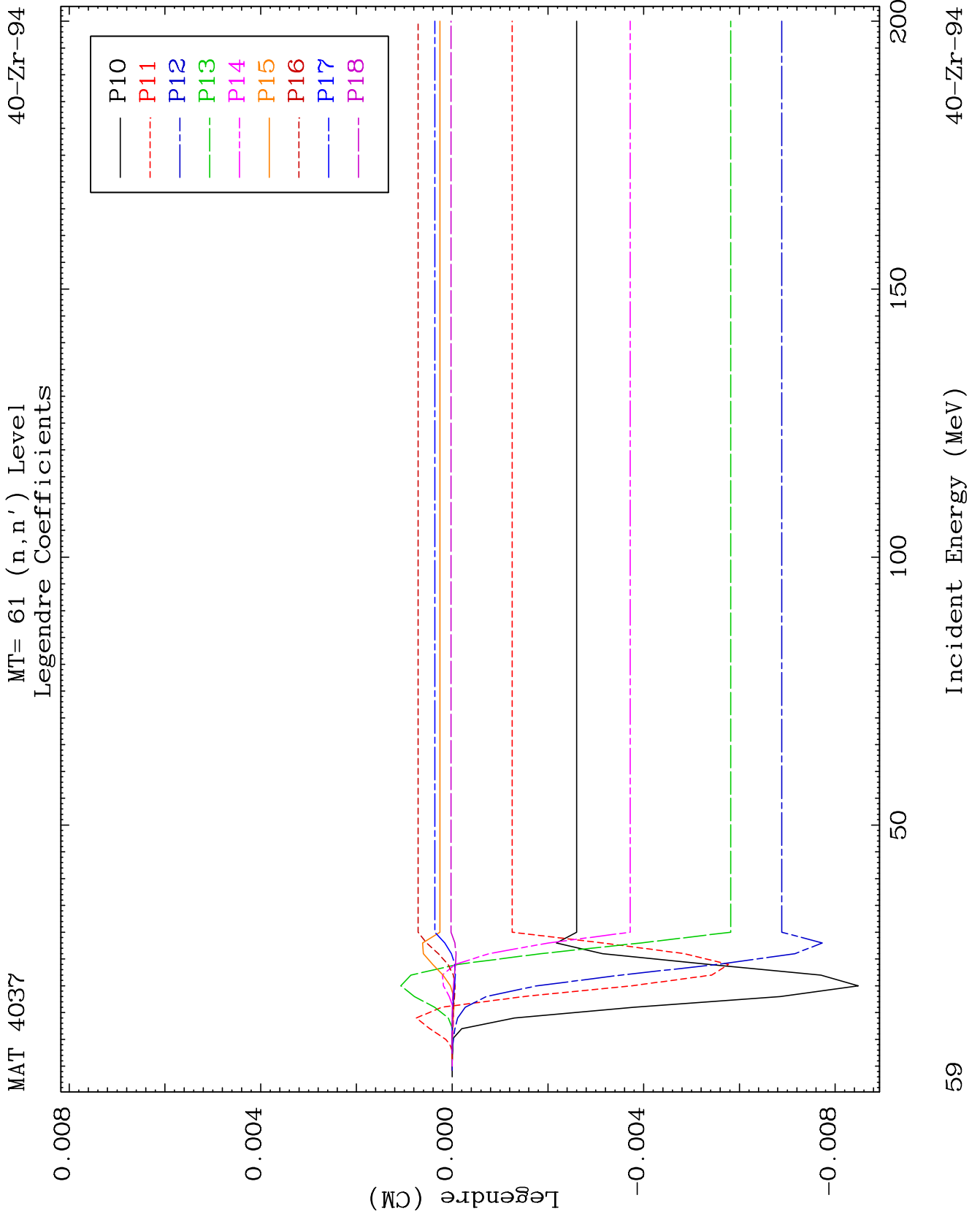
40-Zr-94



58

Incident Energy (MeV)

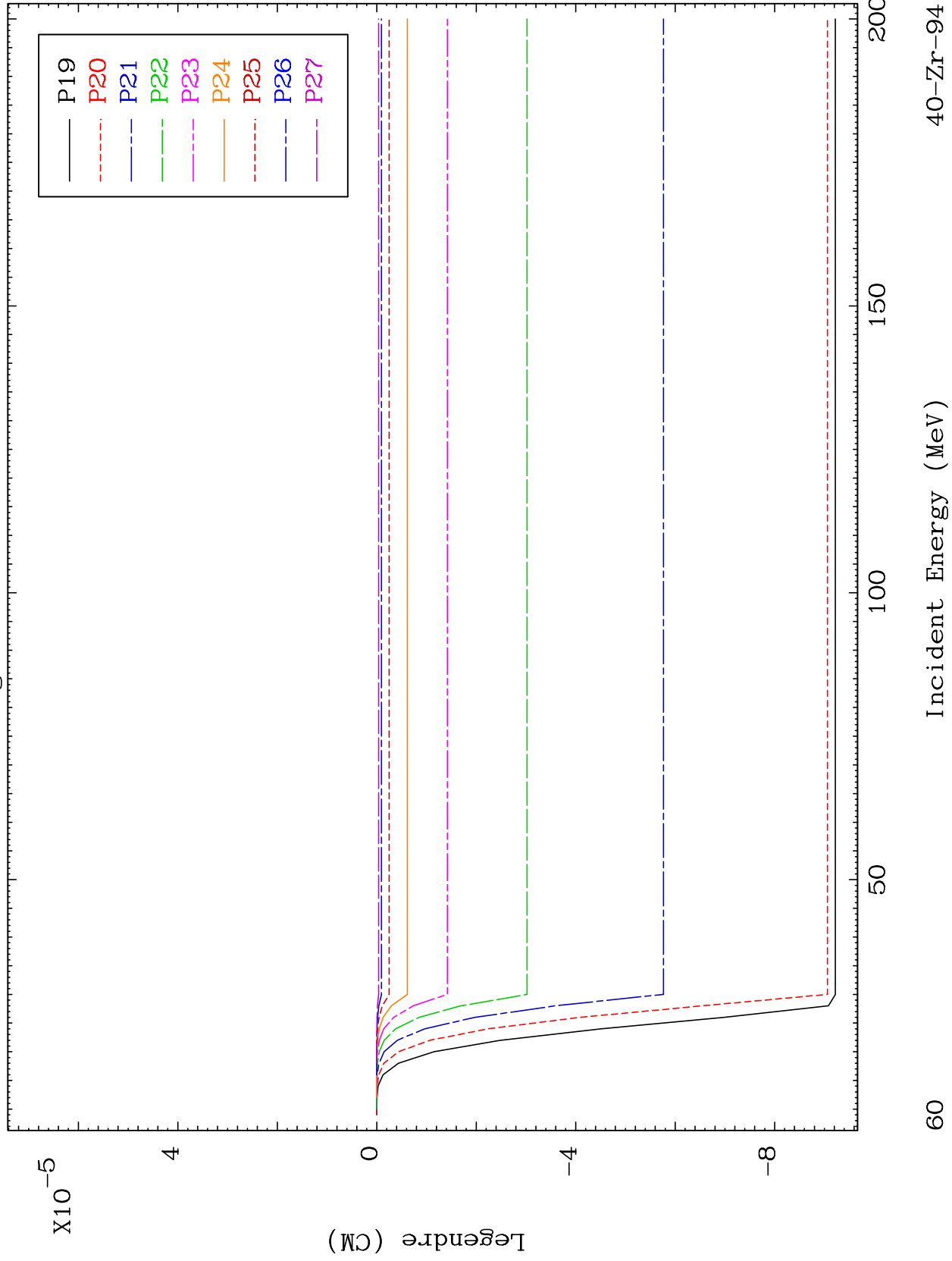
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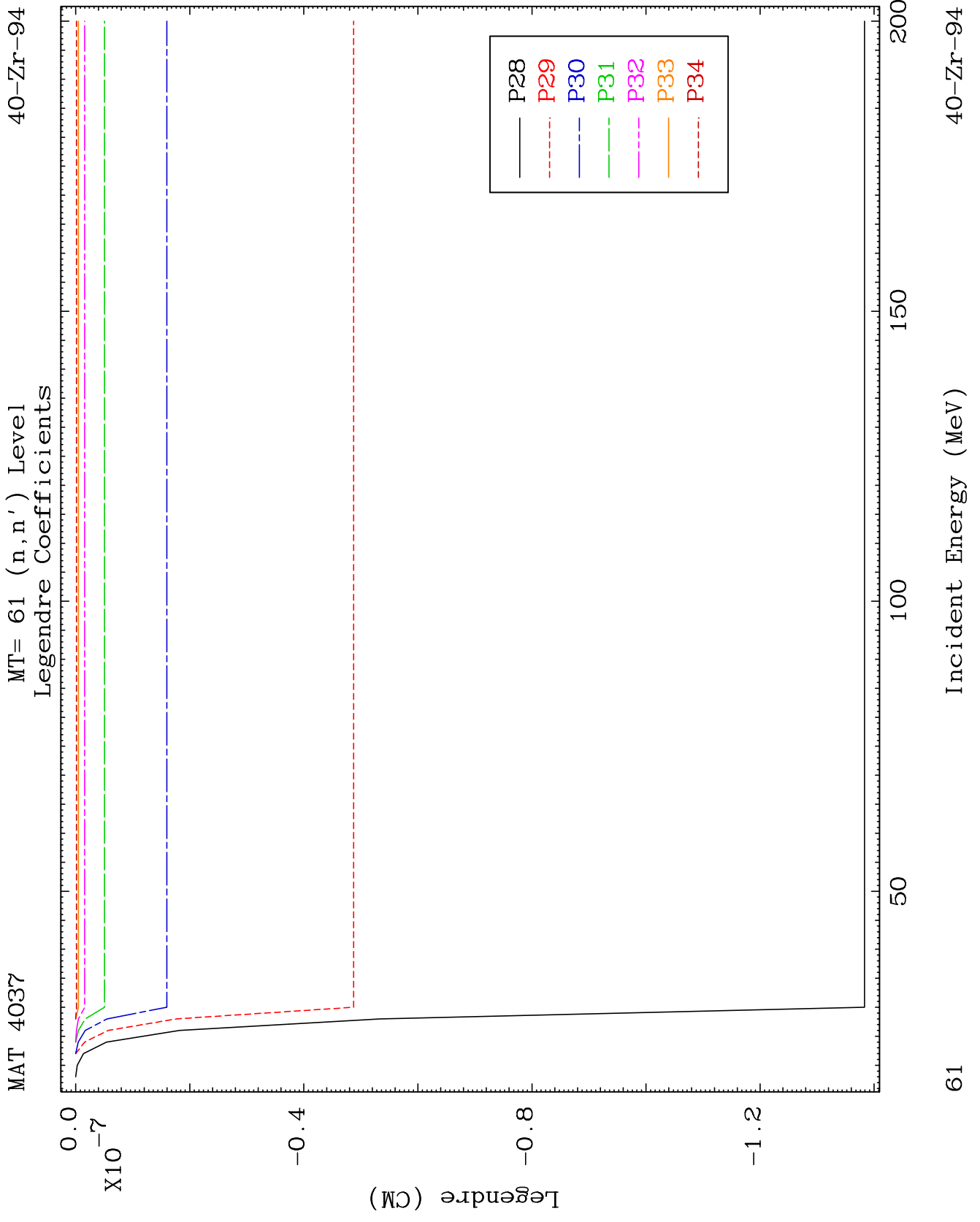


MAT 4037

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

40-Zr-94

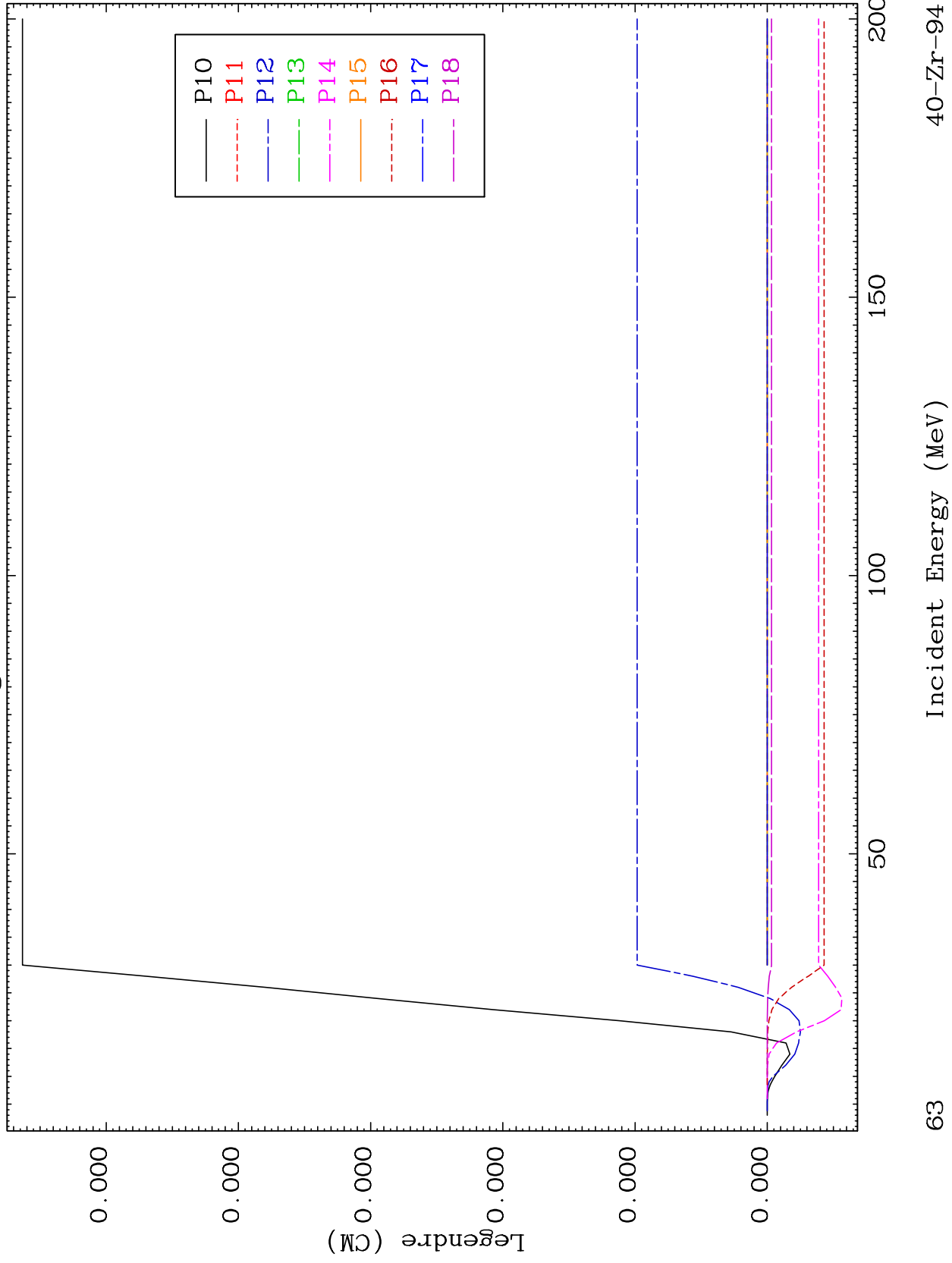




MAT 4037

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

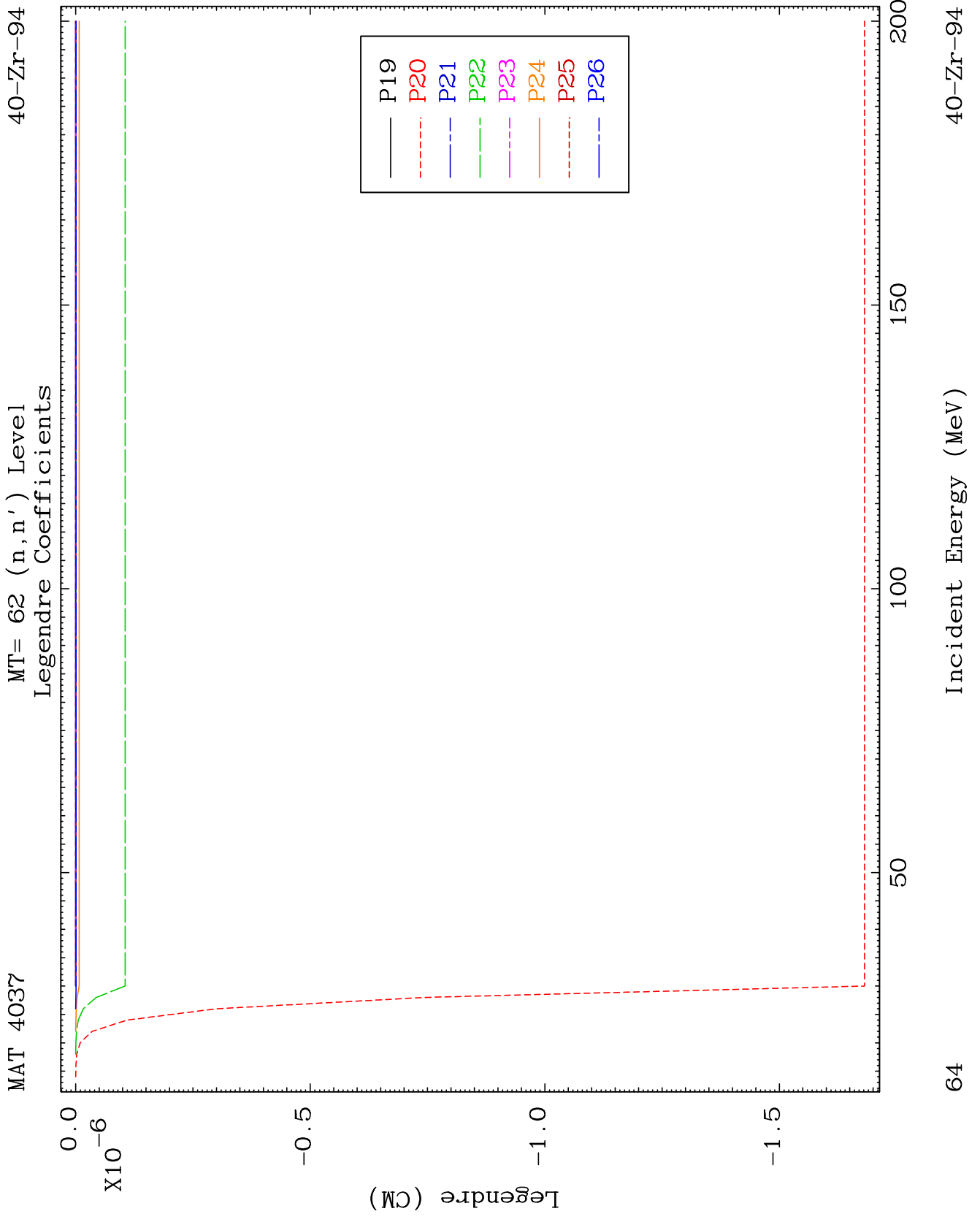
40-Zr-94



63

Incident Energy (MeV)

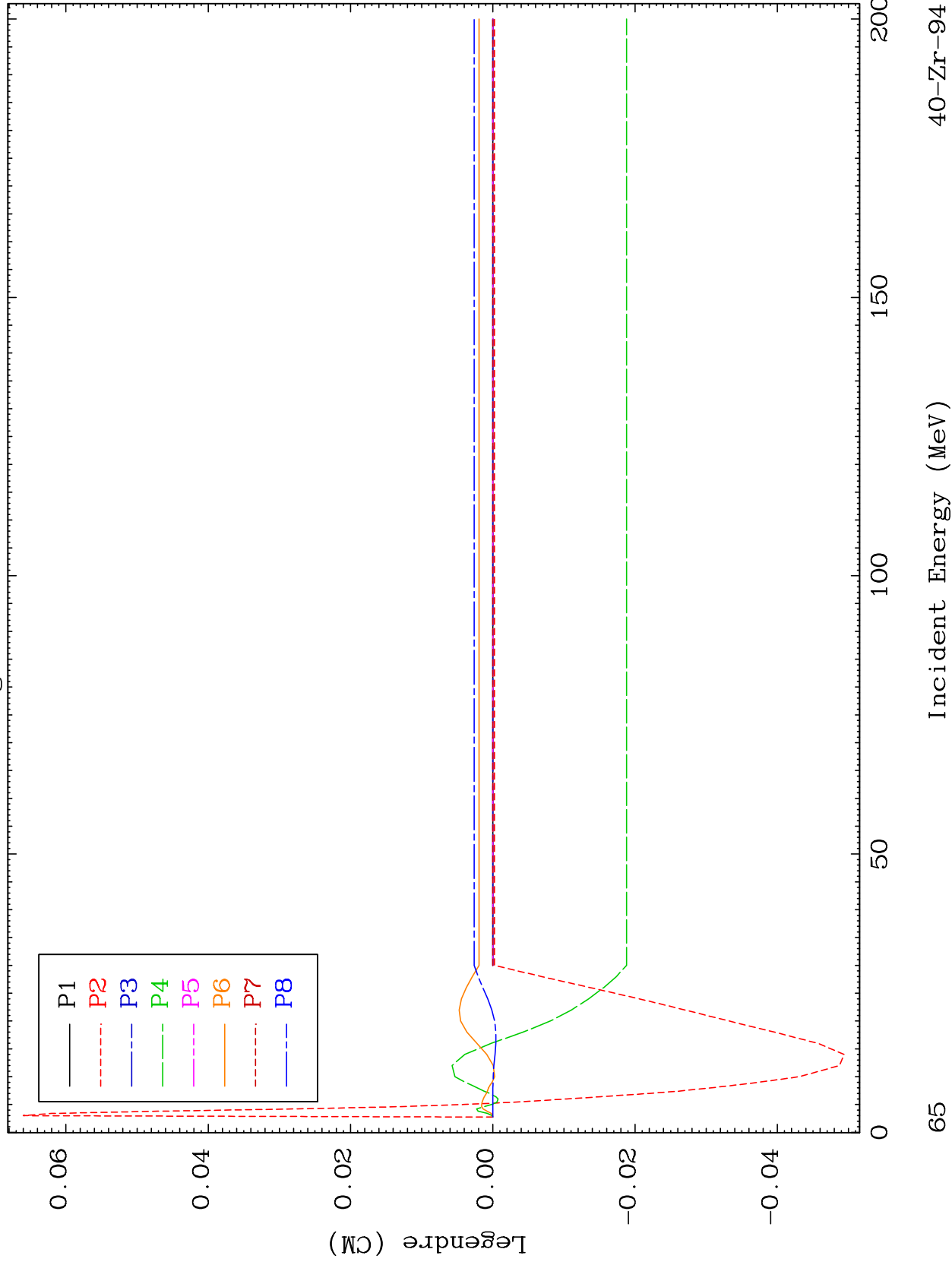
40-Zr-94



MAT 4037

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

40-Zr-94



40-Zr-94

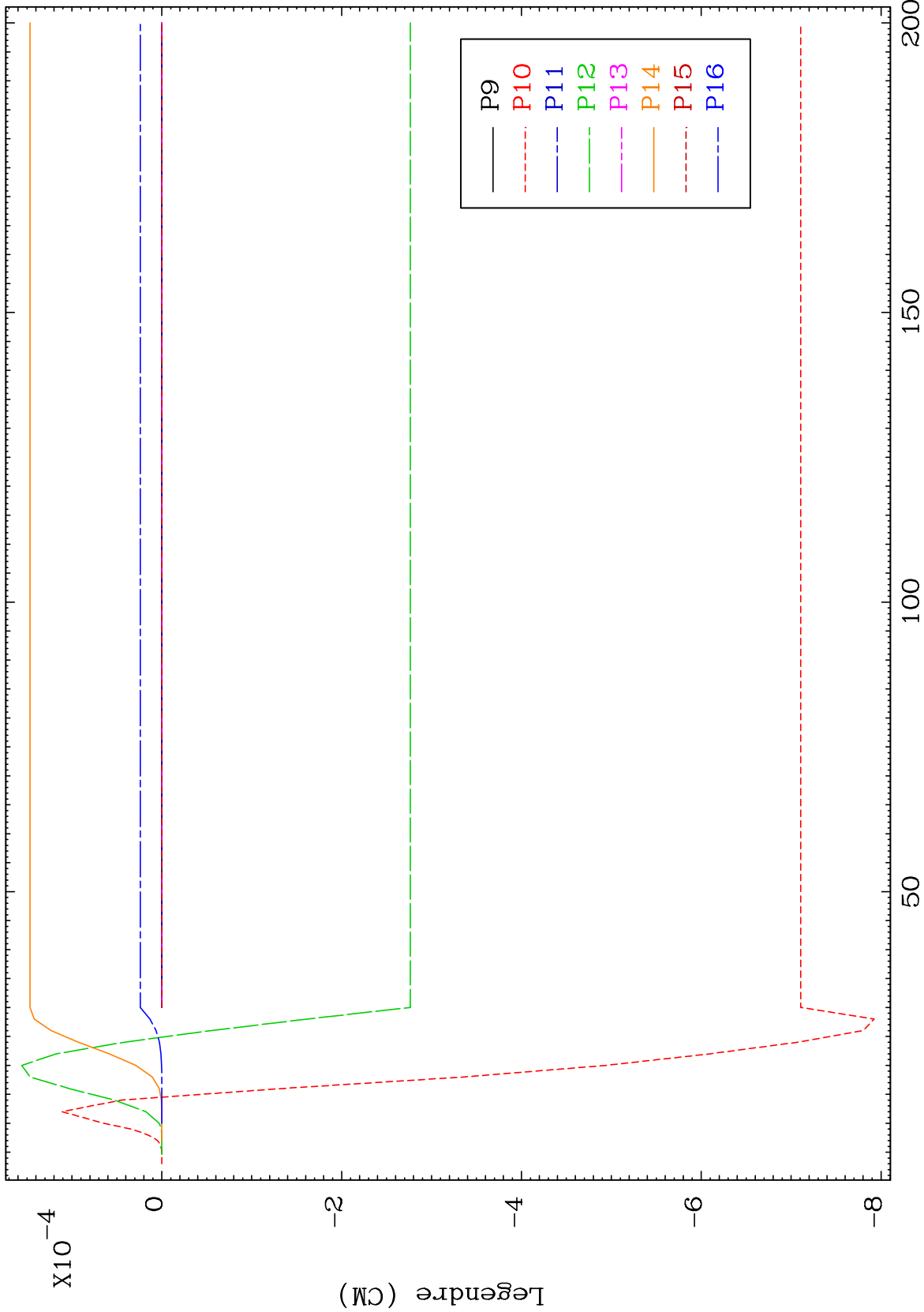
Incident Energy (MeV)

65

MAT 4037

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

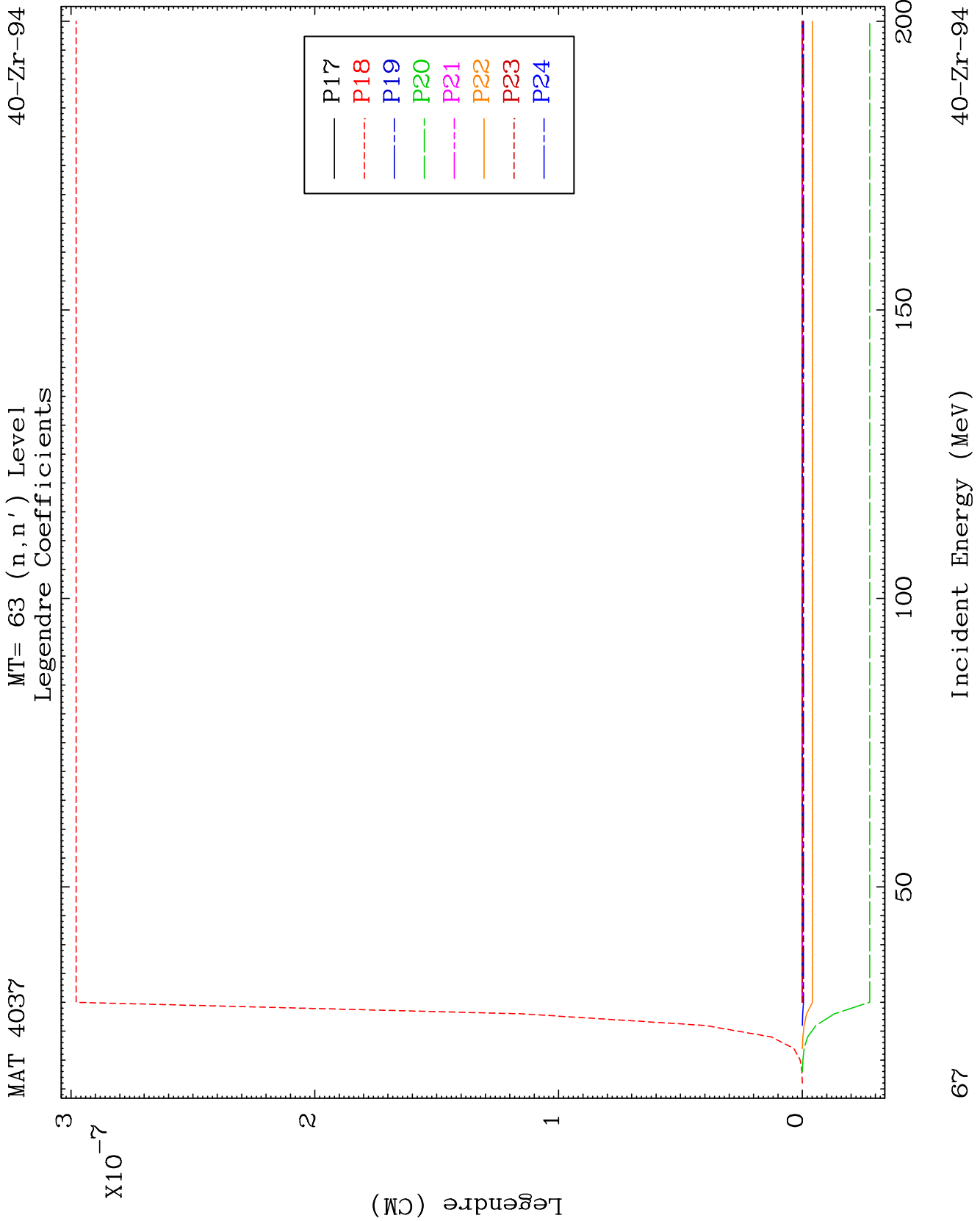
40-Zr-94



66

Incident Energy (MeV)

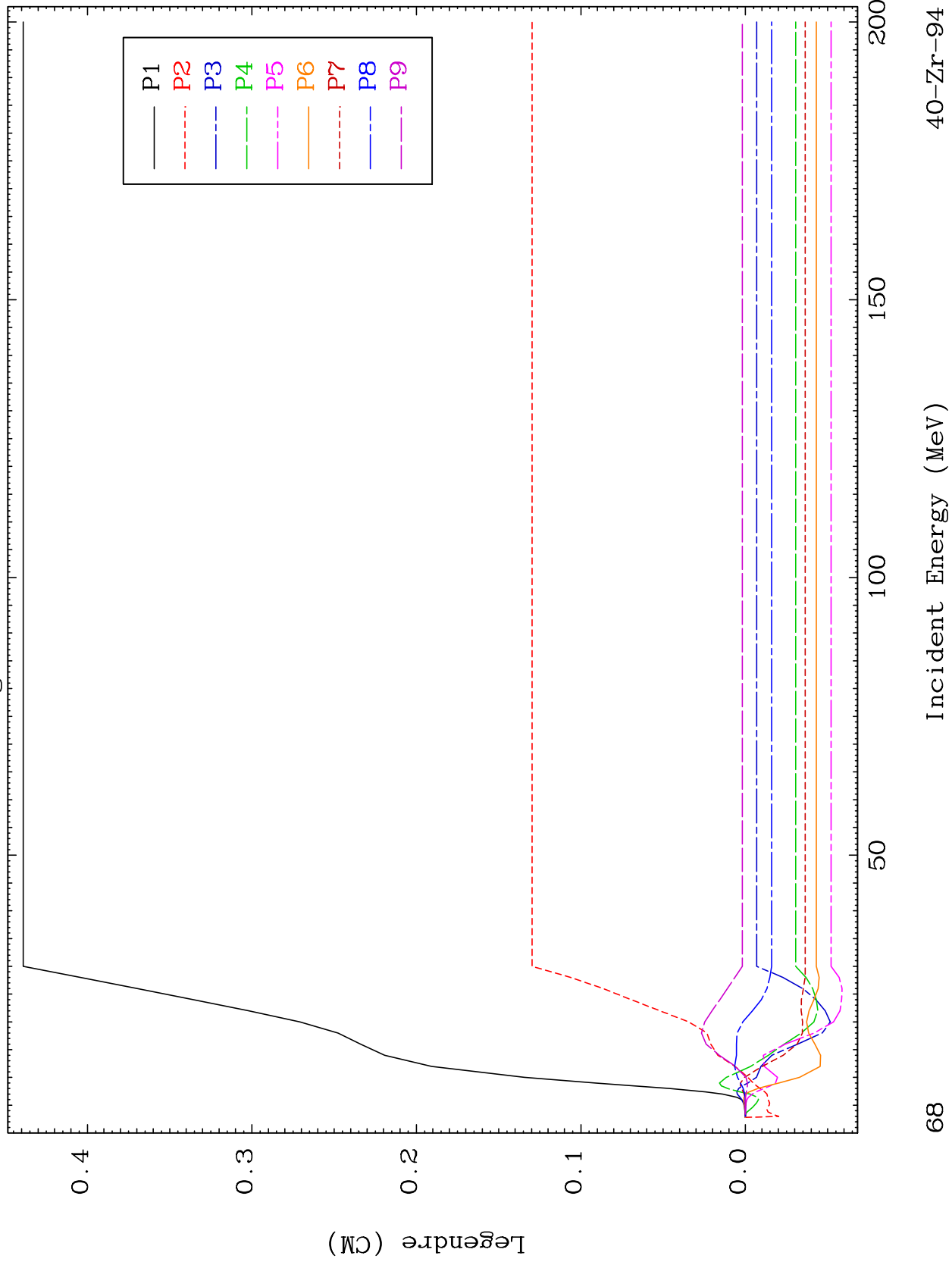
40-Zr-94



MAT 4037

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

40-Zr-94



68

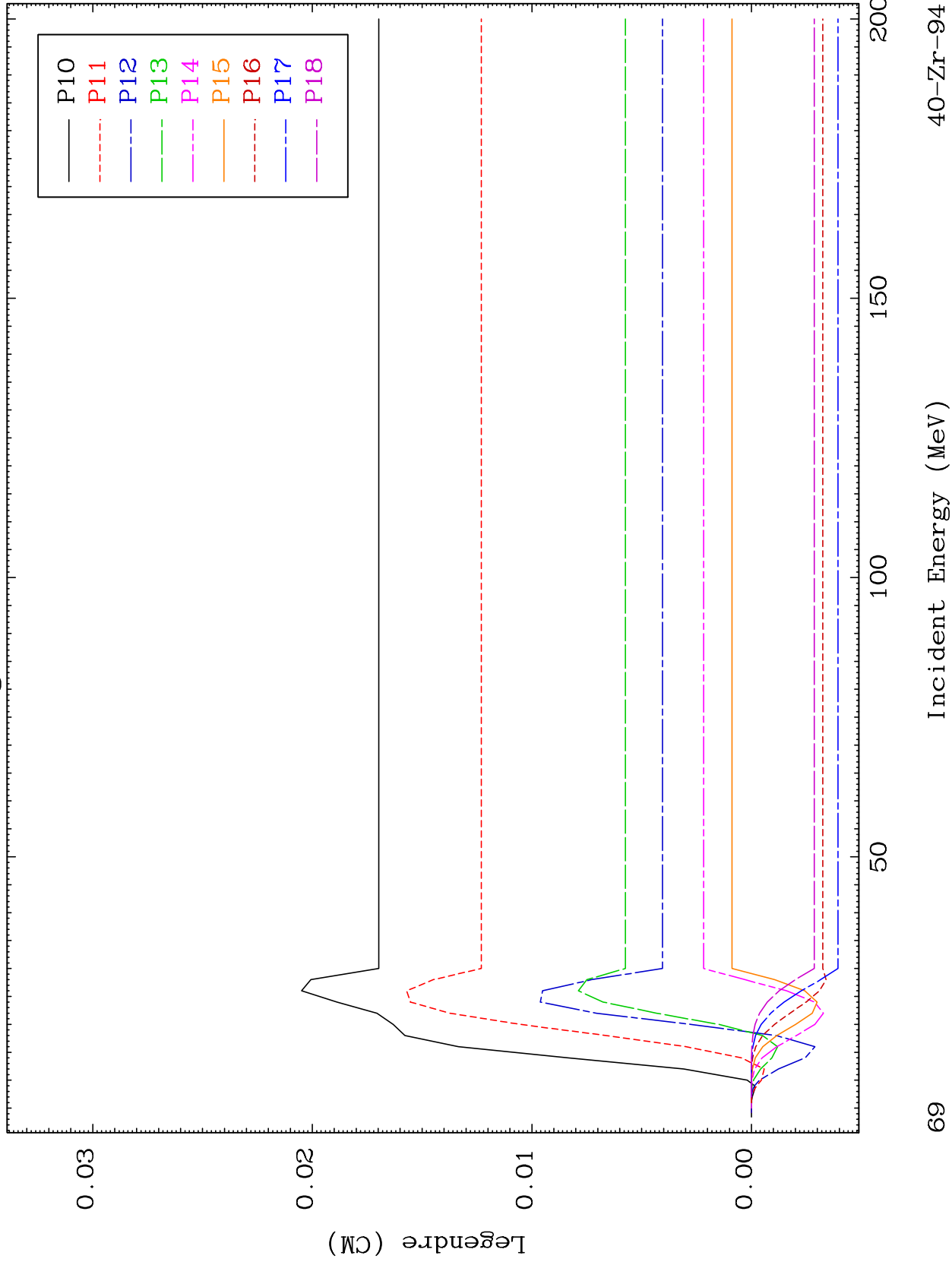
Incident Energy (MeV)

40-Zr-94

MAT 4037

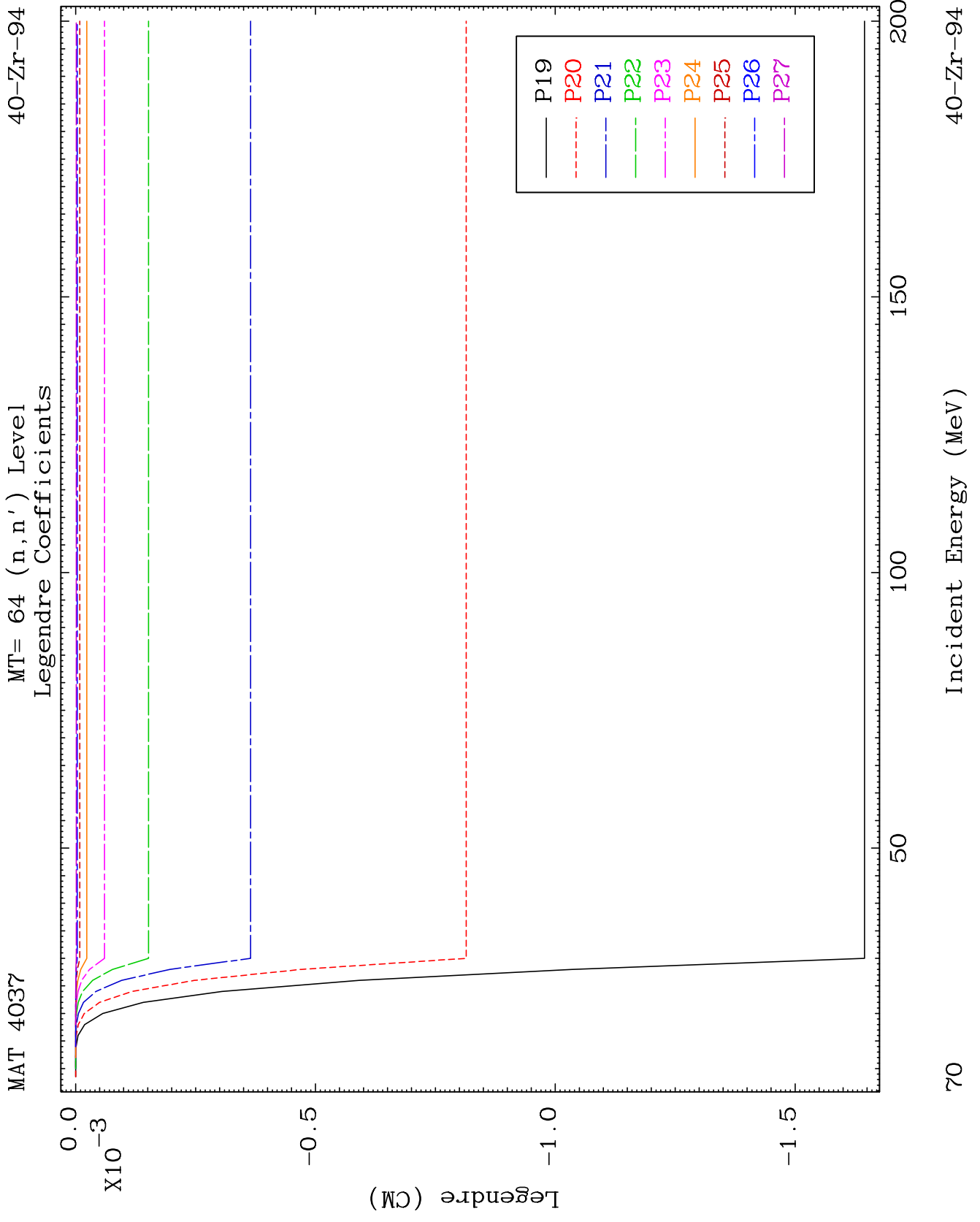
MT= 64 (n,n') Level
Legendre Coefficients

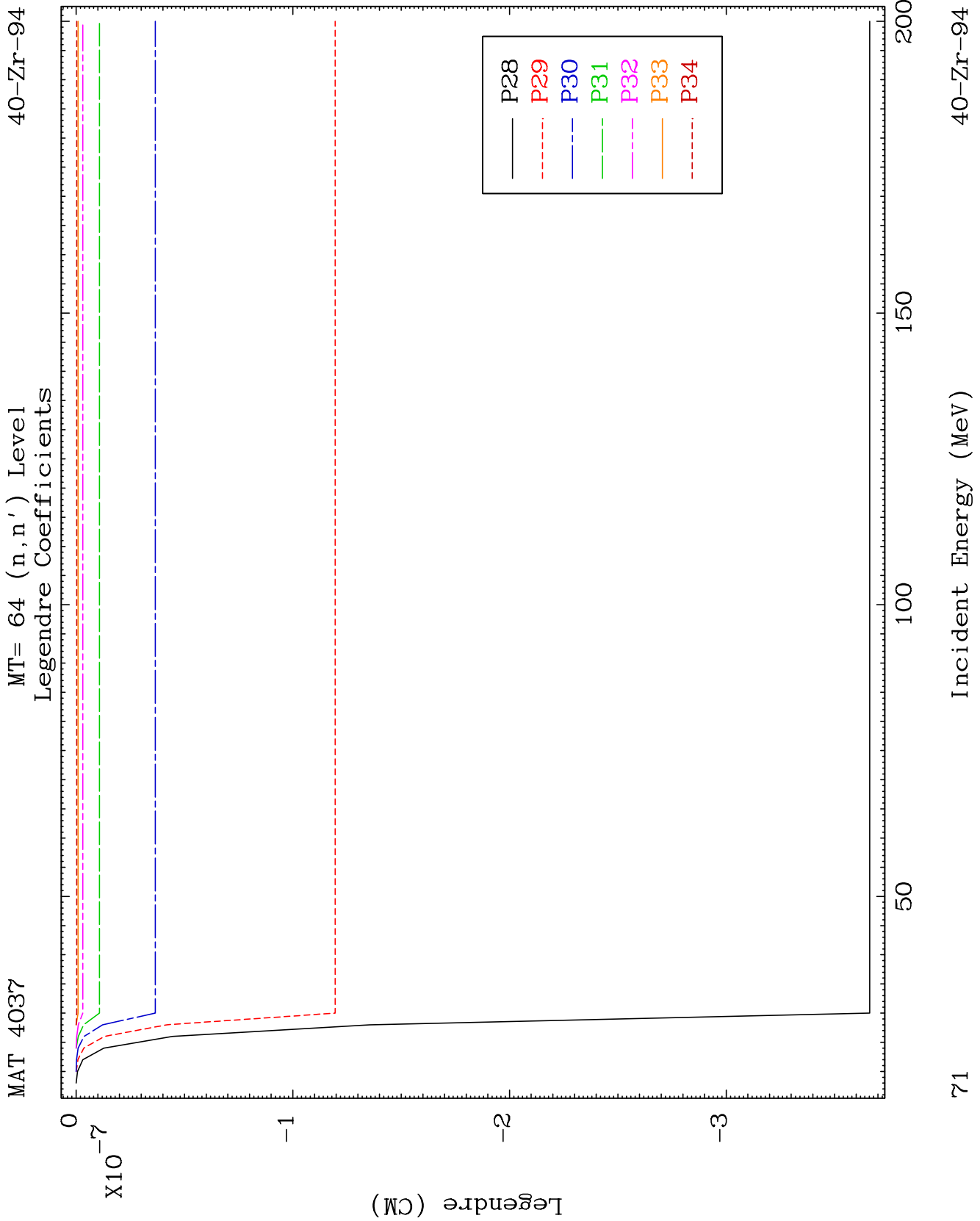
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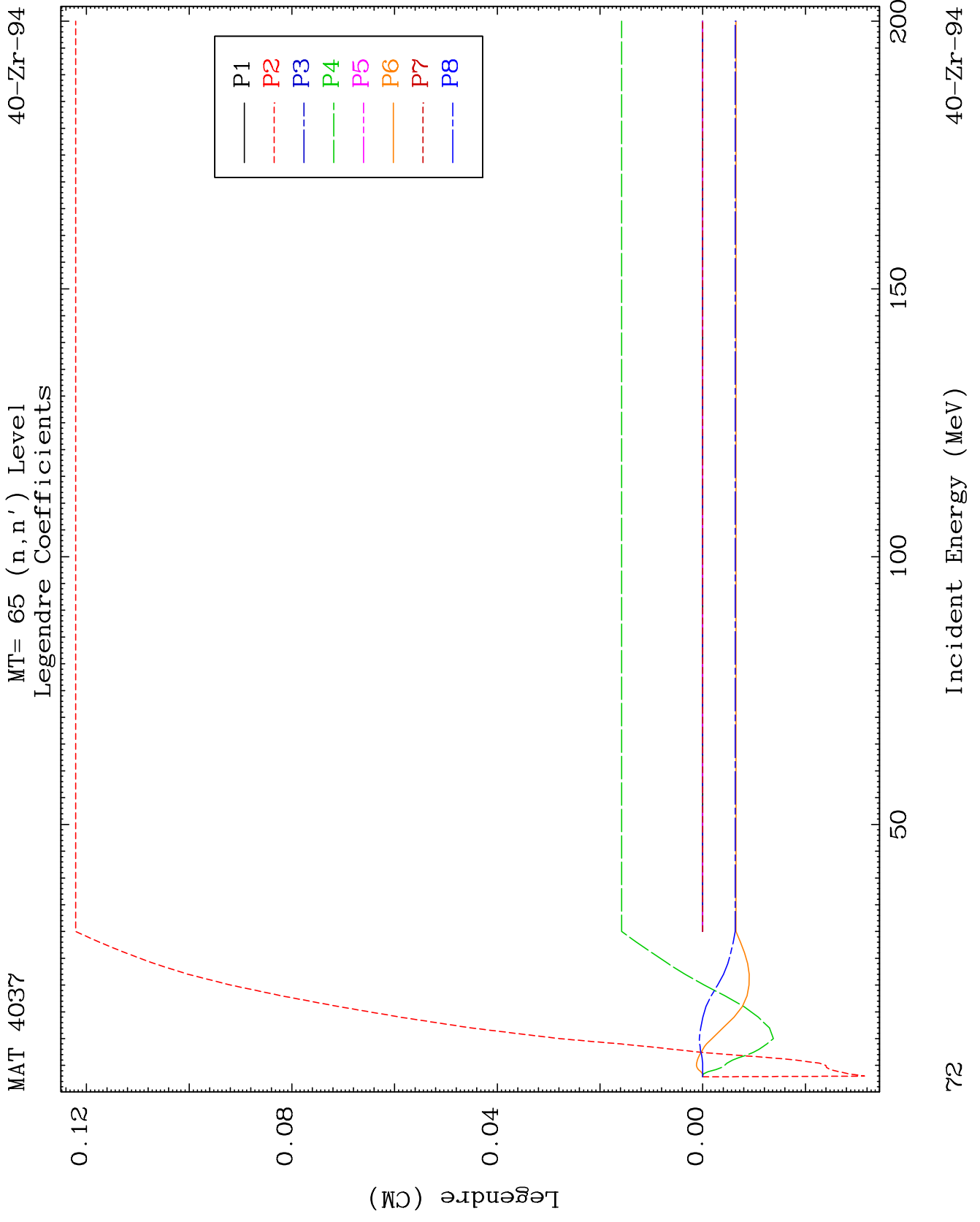


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40-Zr-94



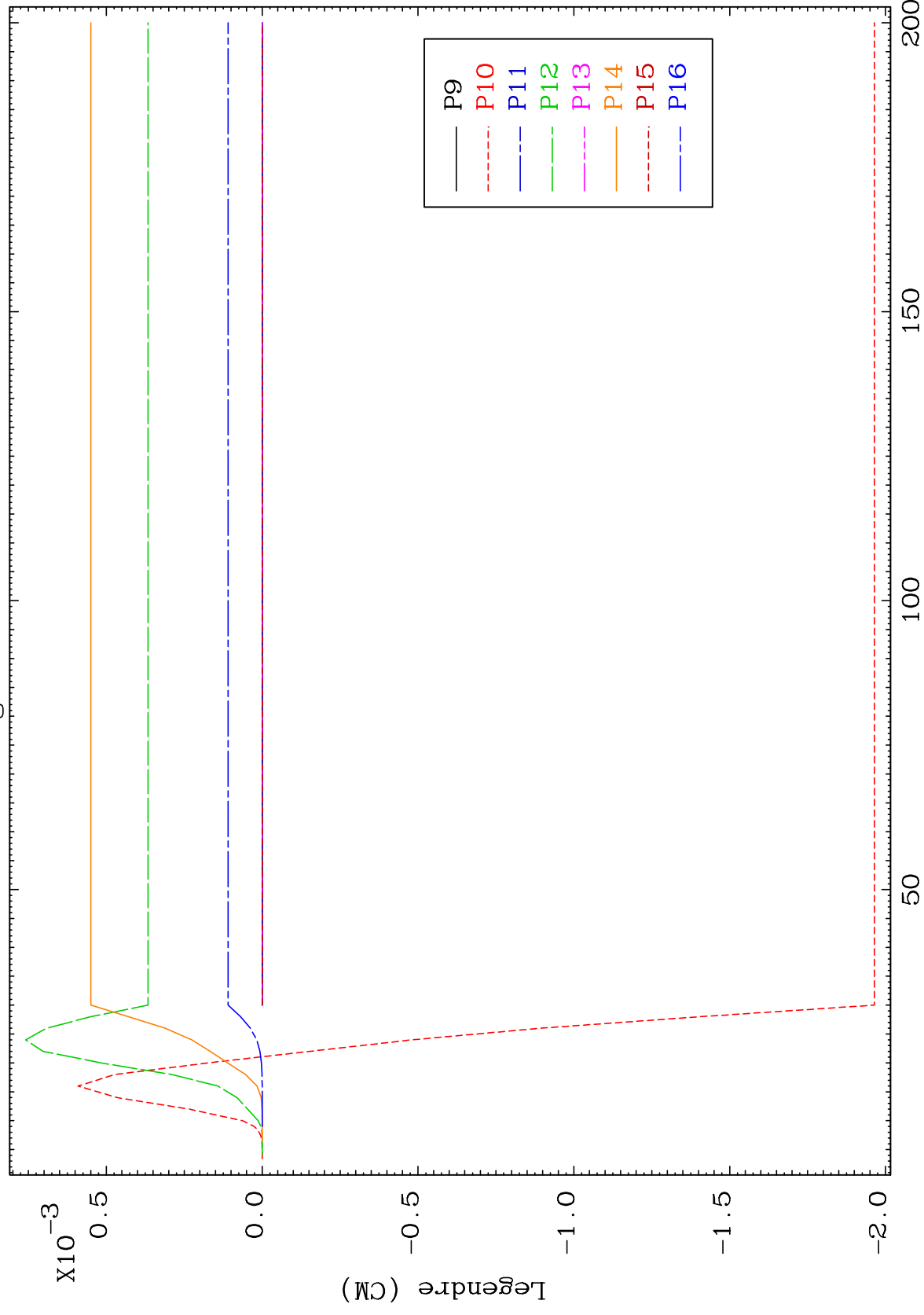




MAT 4037

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

40-Zr-94



73

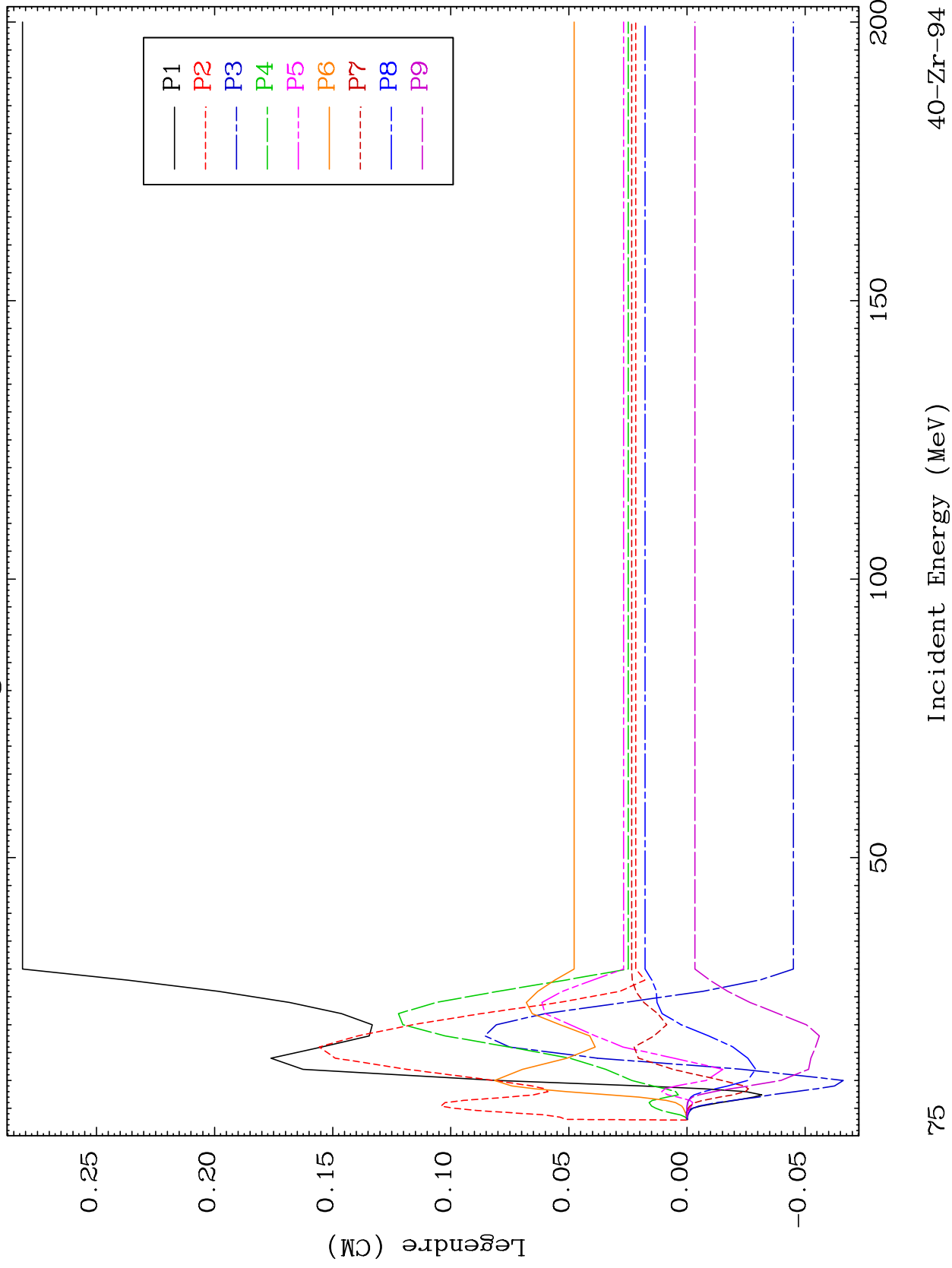
Incident Energy (MeV)

40-Zr-94

MAT 4037

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

40-Zr-94



75

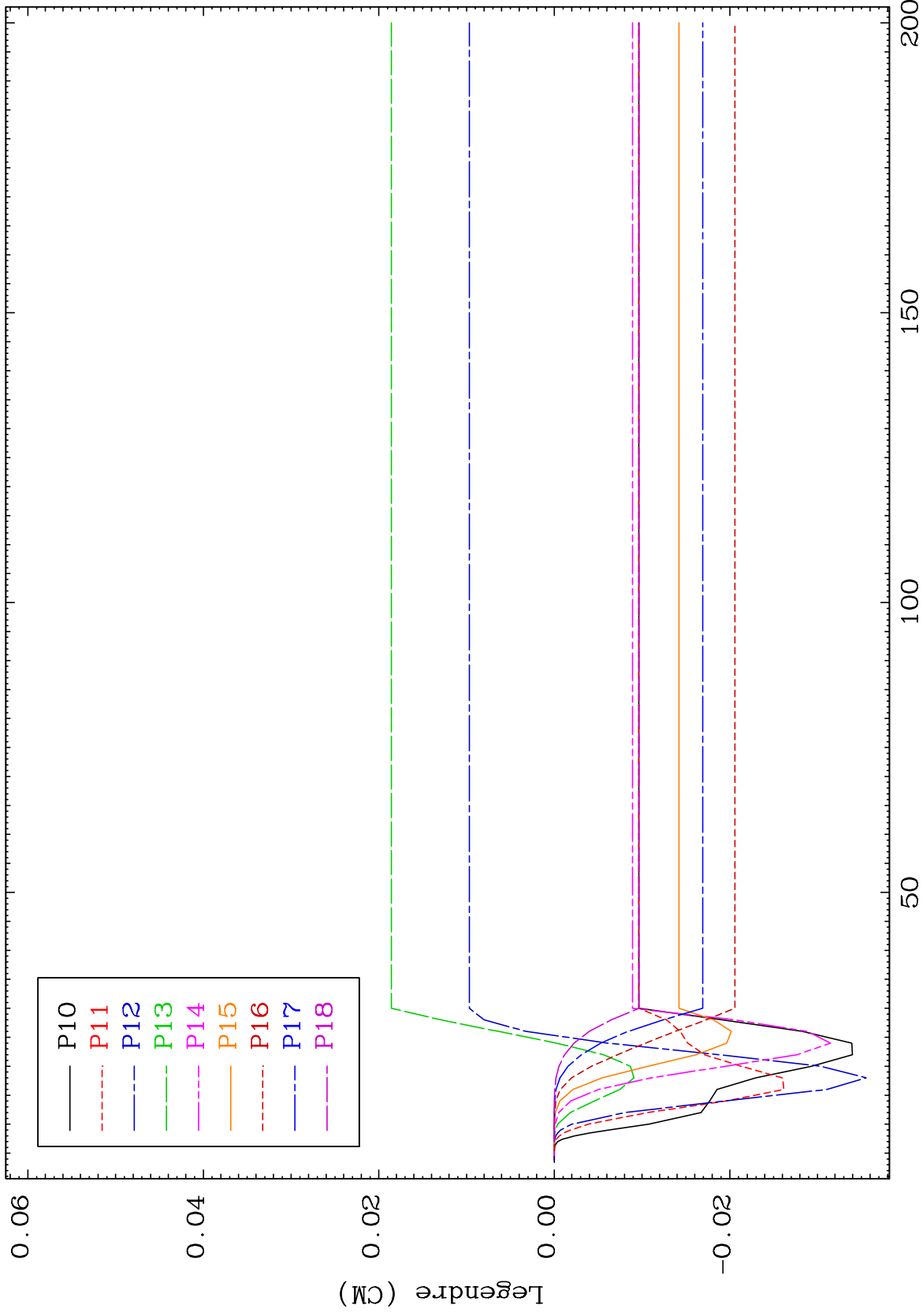
Incident Energy (MeV)

40-Zr-94

MAT 4037

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

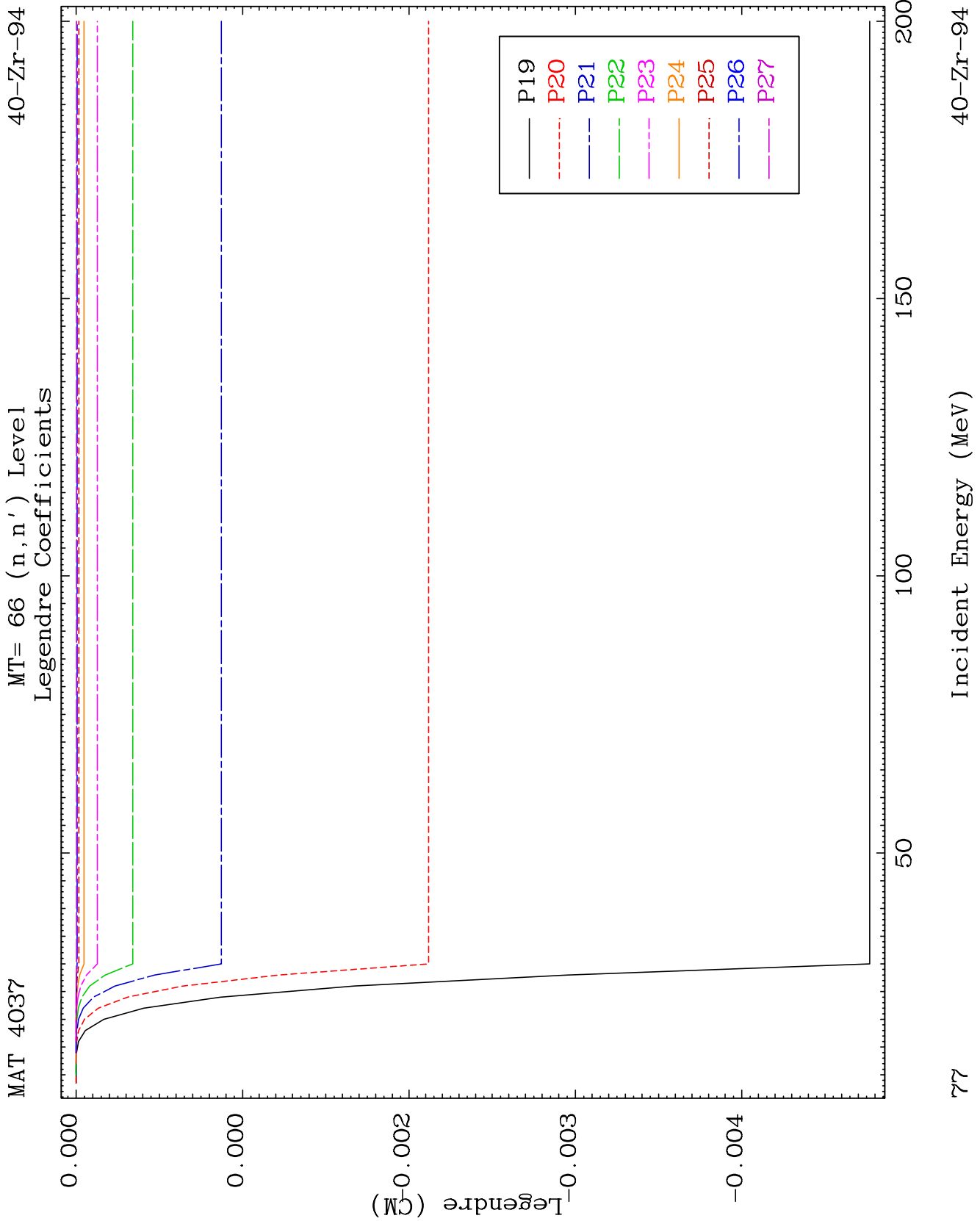
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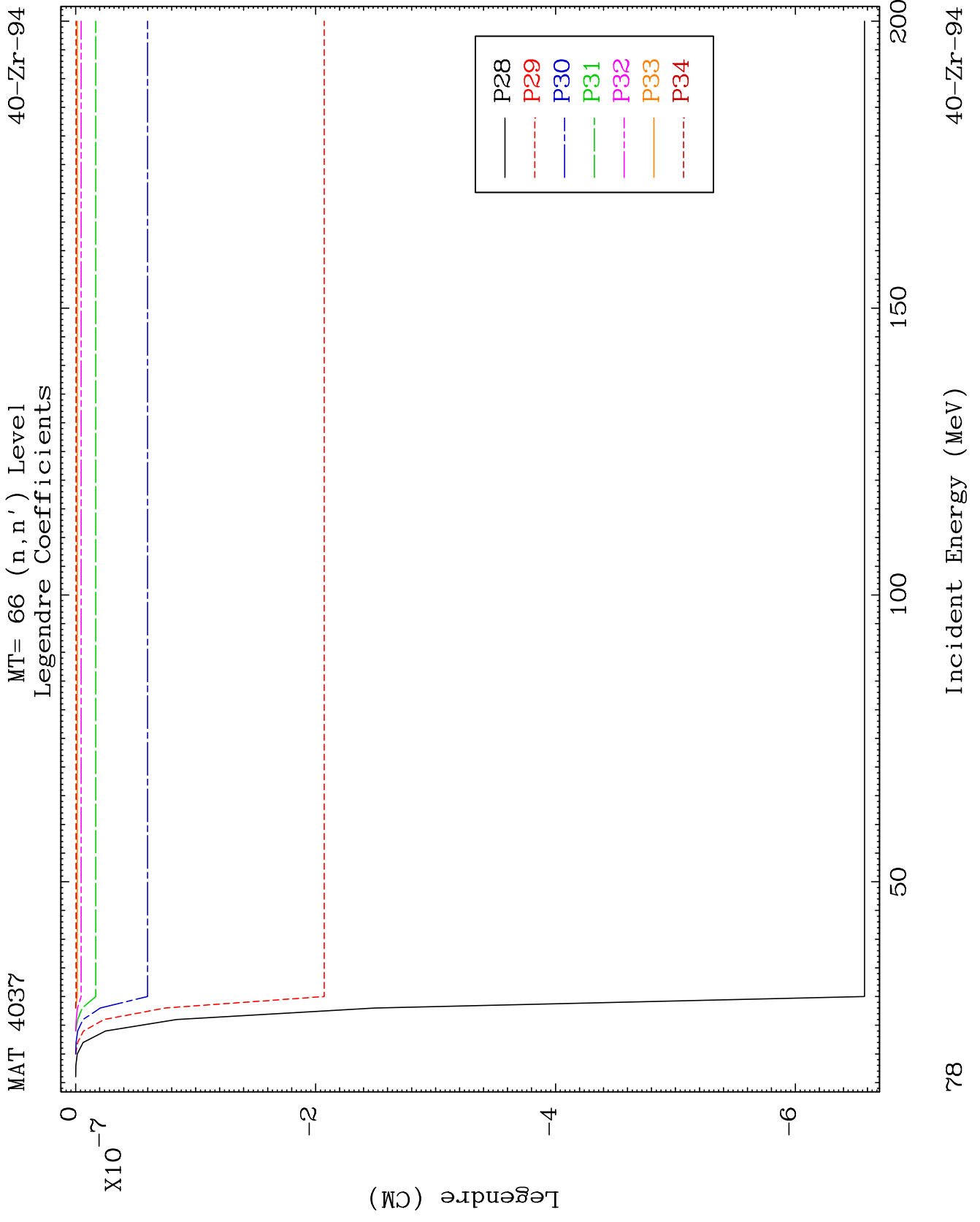


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Incident Energy (MeV)

40-Zr-94

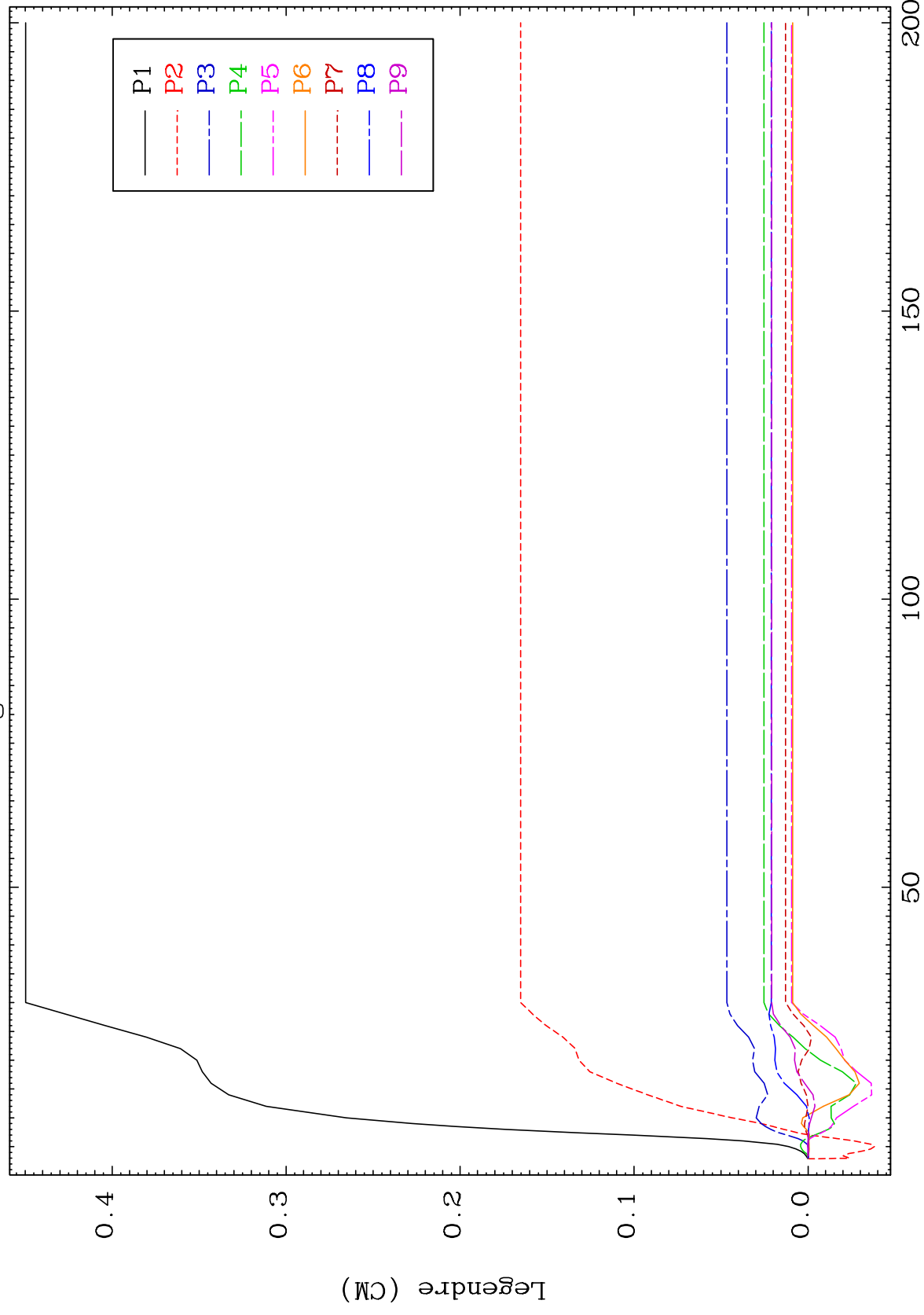




MAT 4037

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

40-Zr-94



79

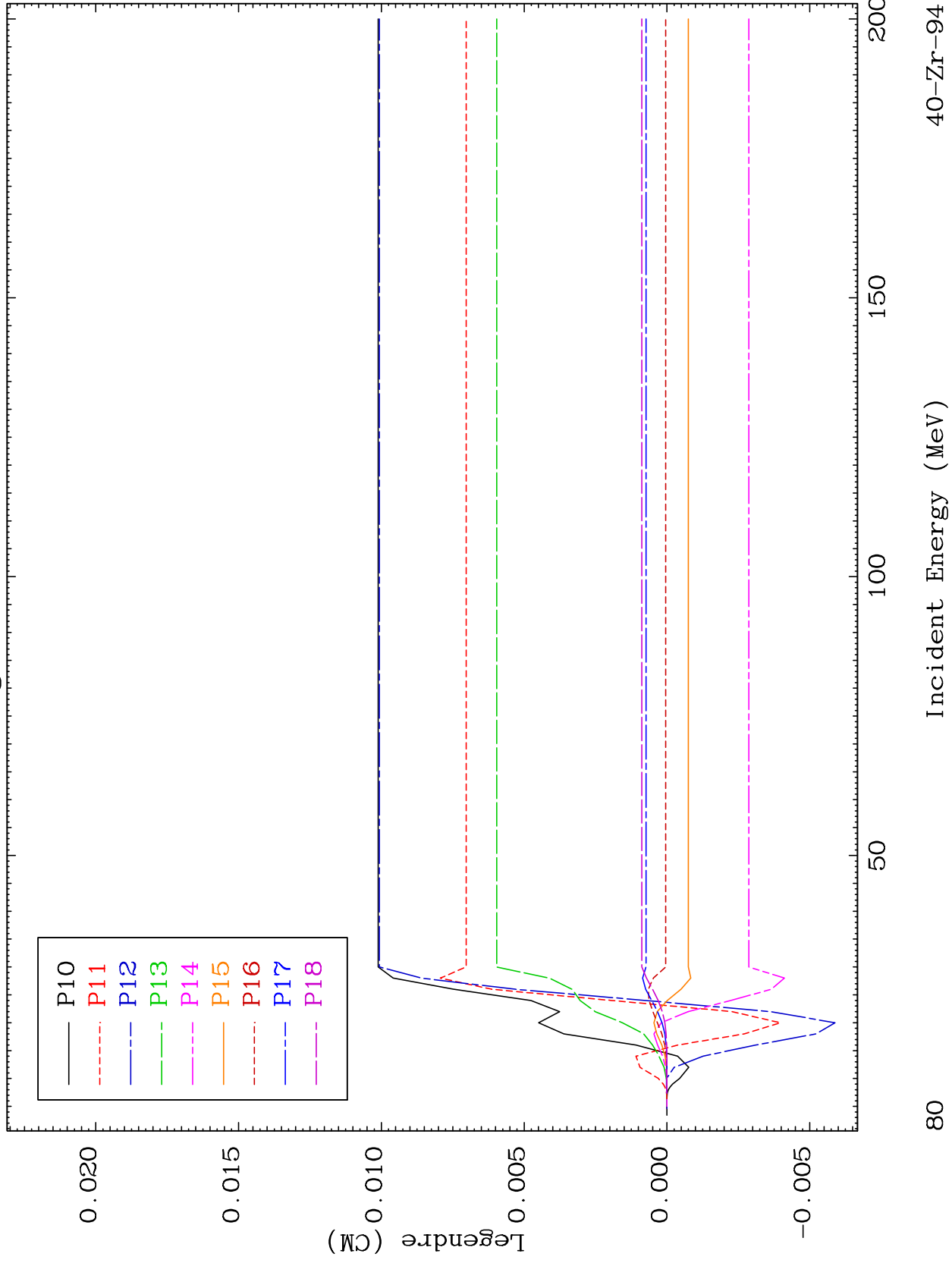
Incident Energy (MeV)

40-Zr-94

MAT 4037

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

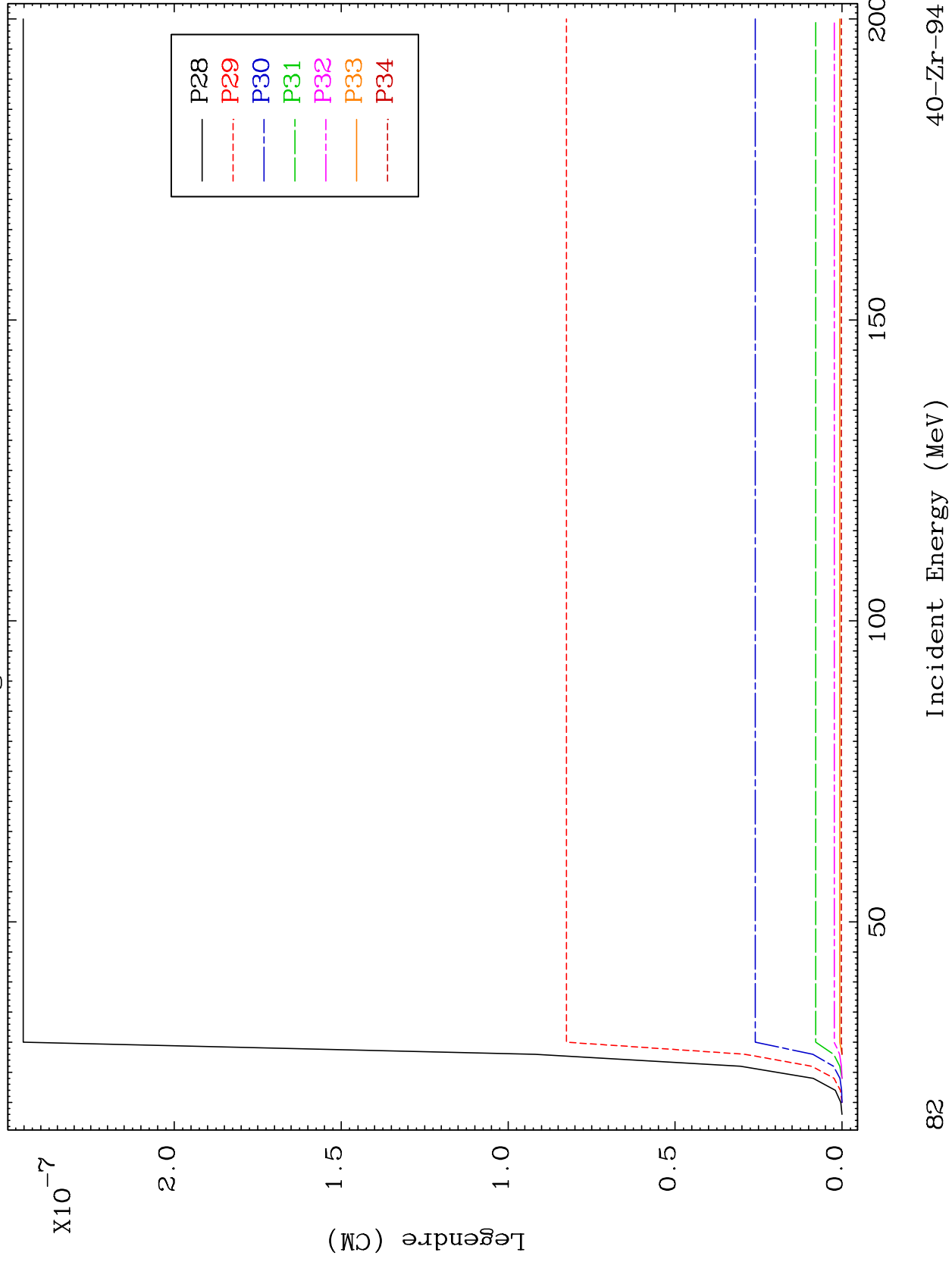
40-Zr-94



MAT 4037

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

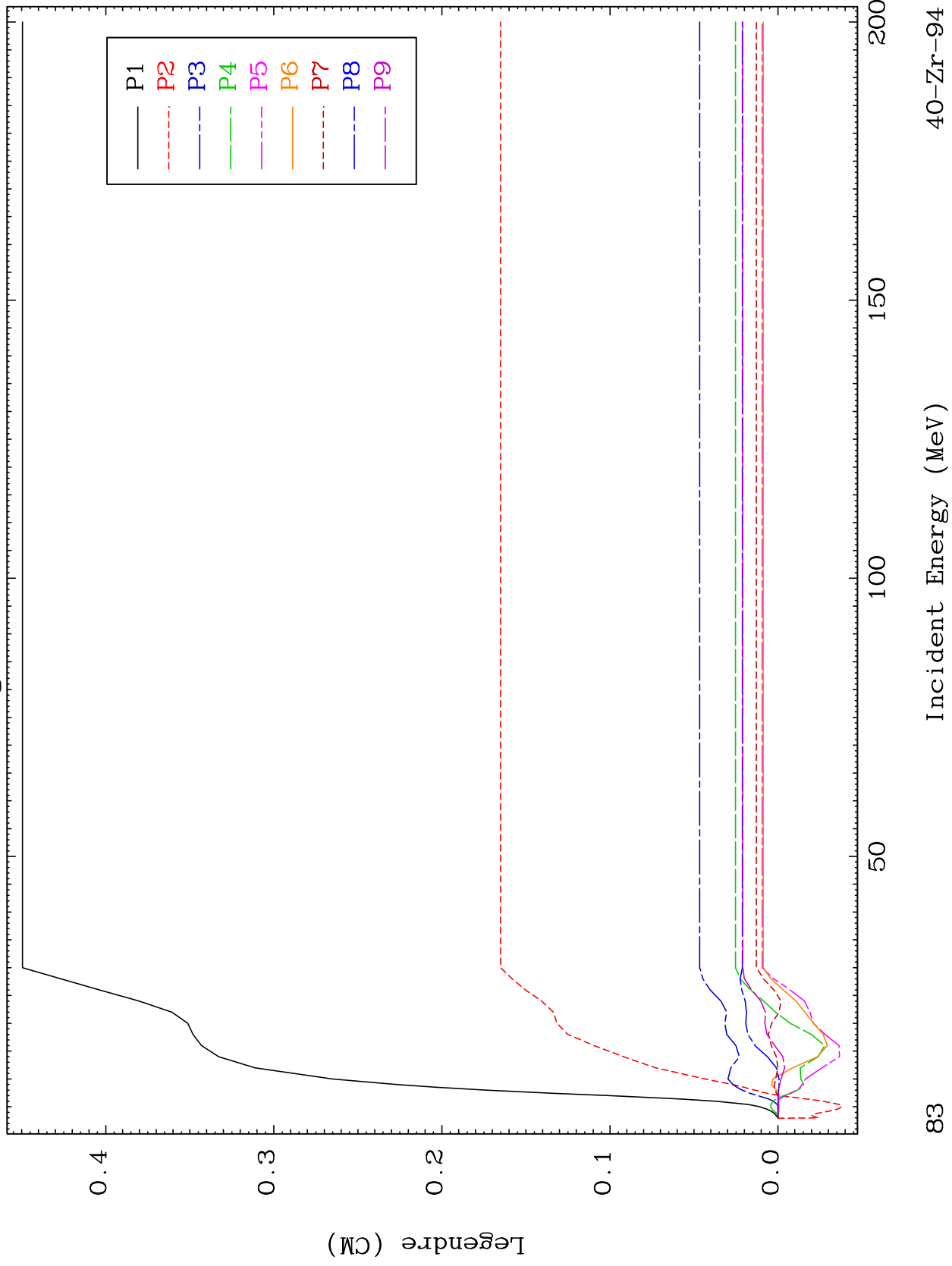
40-Zr-94



MAT 4037

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

40-Zr-94



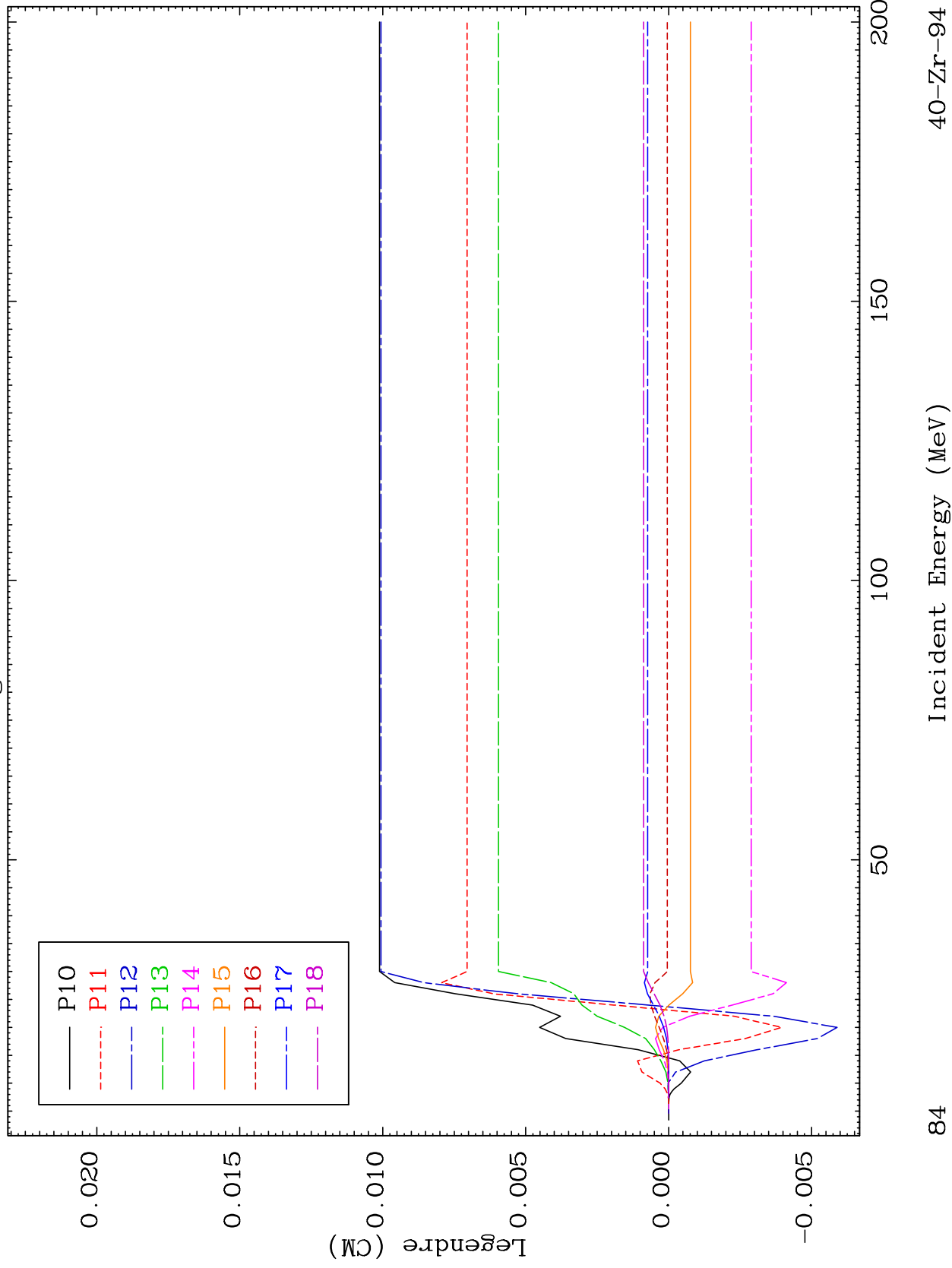
83

40-Zr-94

MAT 4037

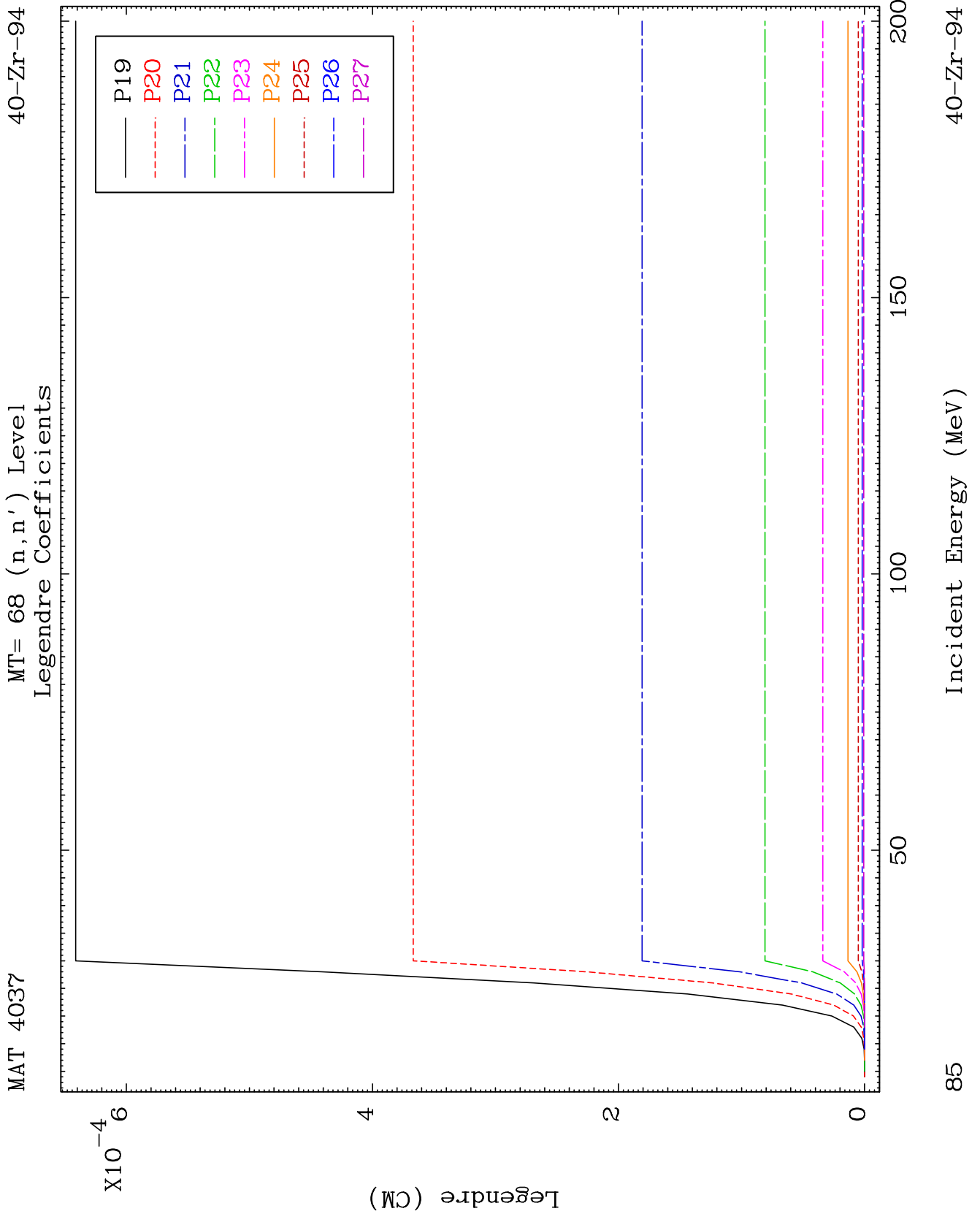
MT= 68 (n,n') Level
Legendre Coefficients

40-Zr-94



84

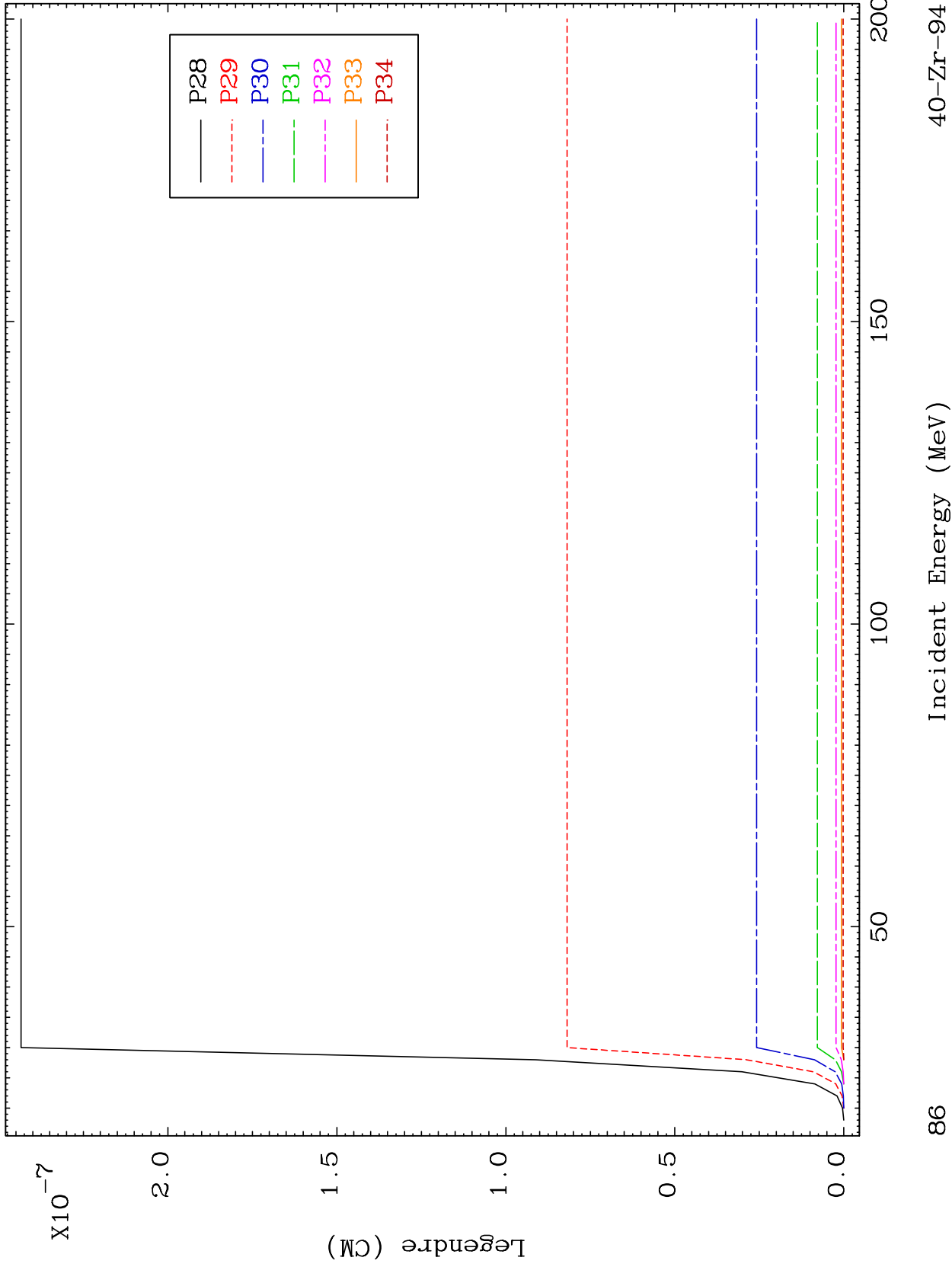
40-Zr-94



MAT 4037

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

40-Zr-94

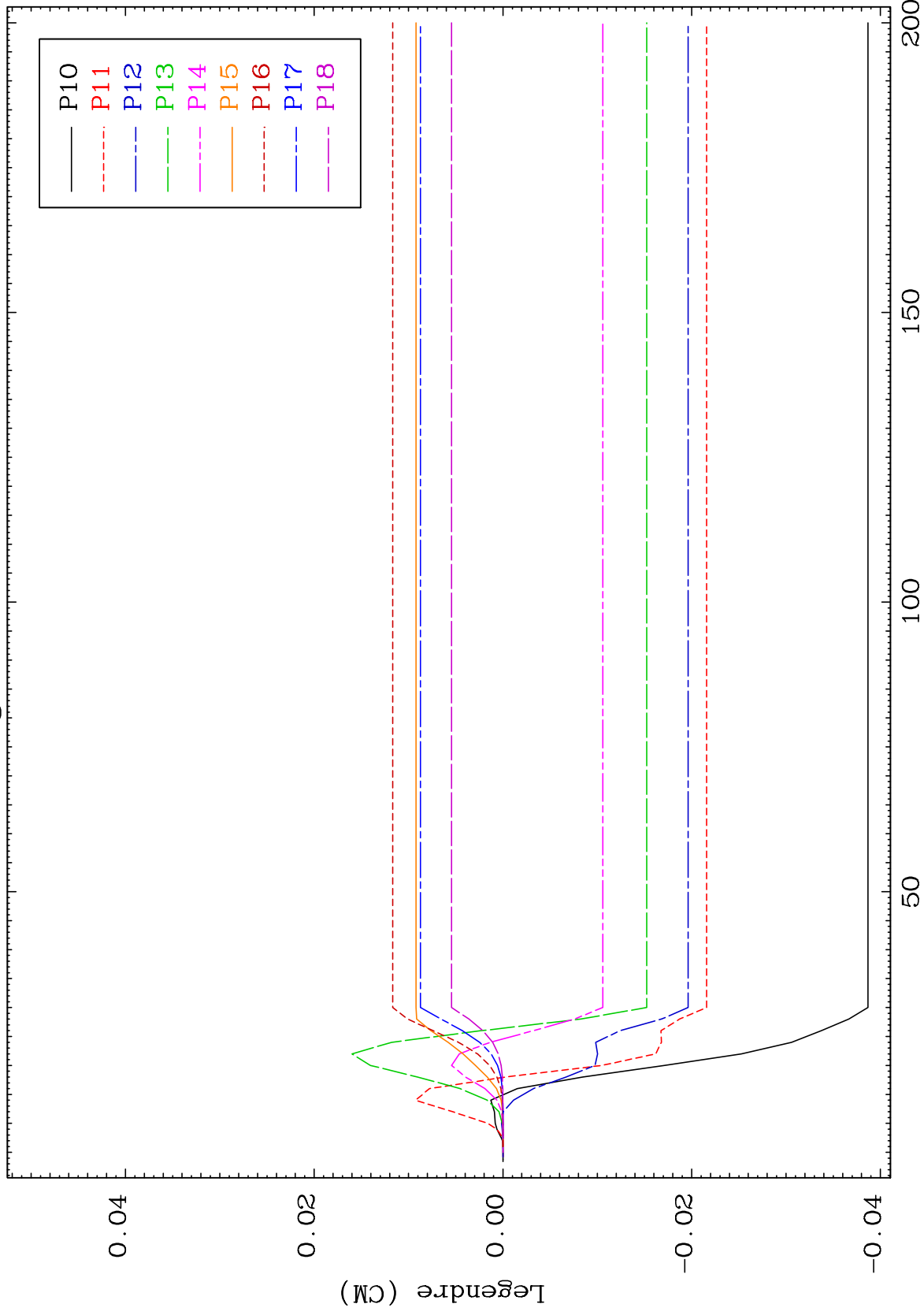


86

MAT 4037

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

40-Zr-94



88

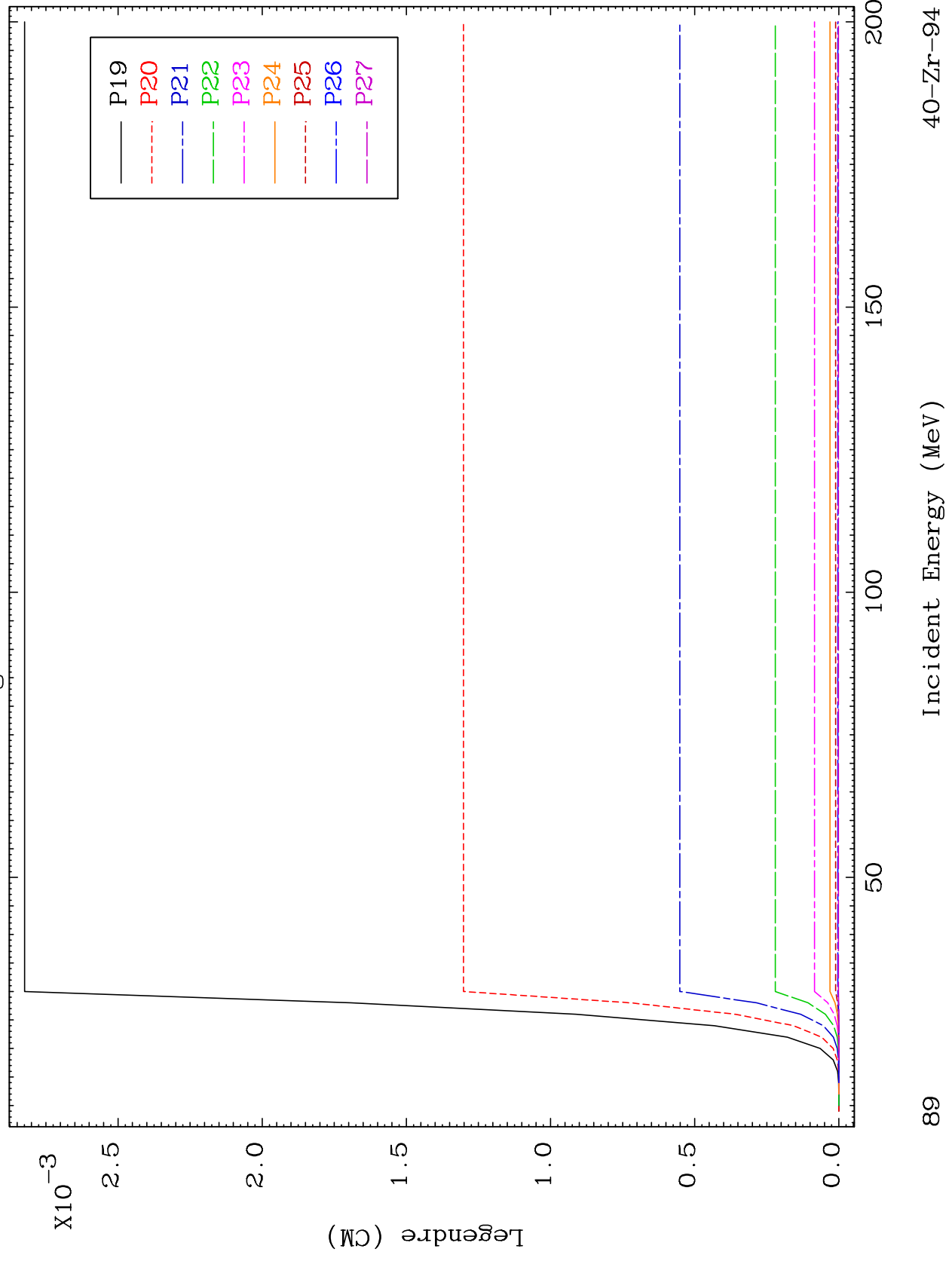
Incident Energy (MeV)

40-Zr-94

MAT 4037

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

40-Zr-94

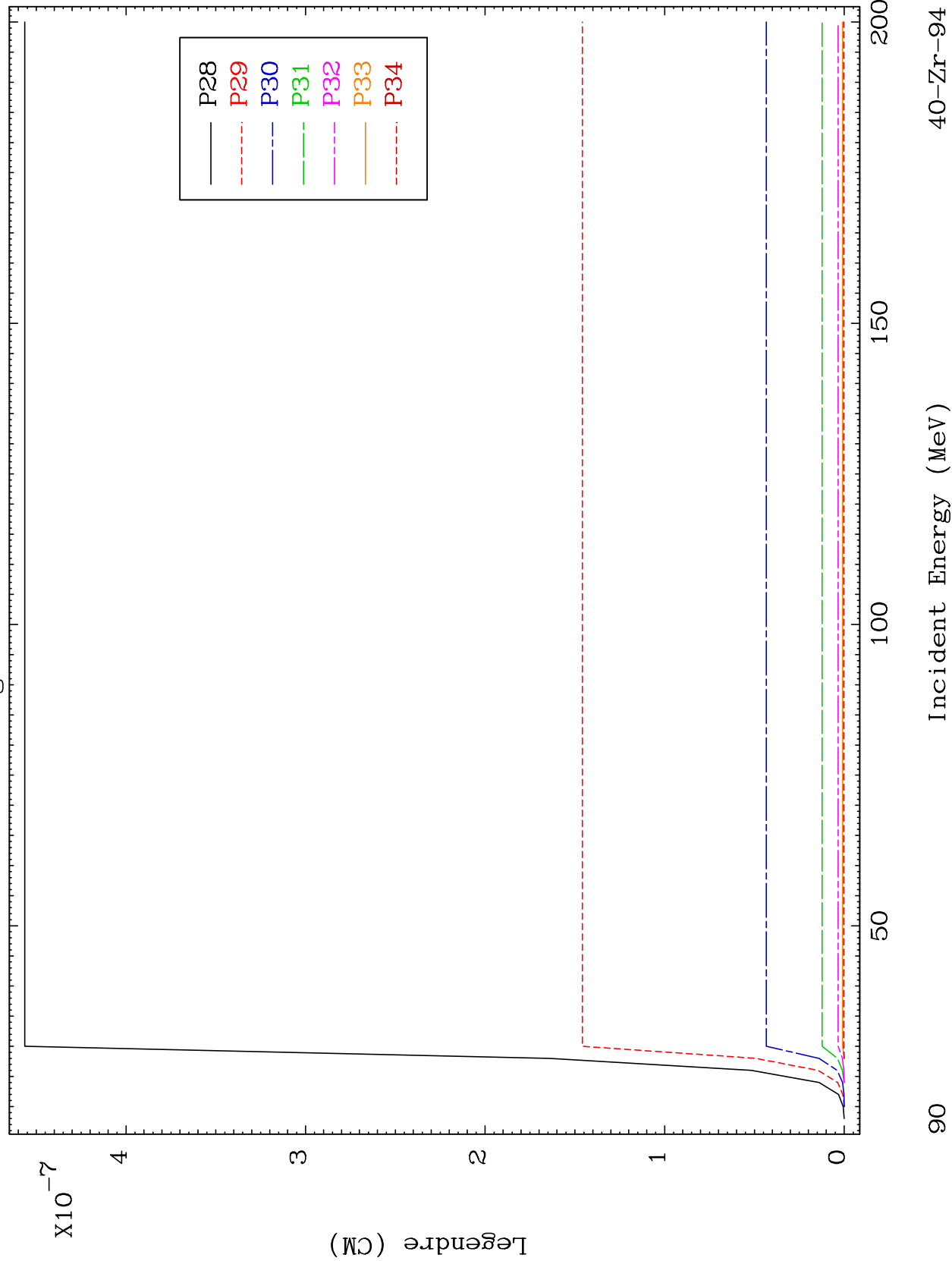


89

MAT 4037

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

40-Zr-94



90

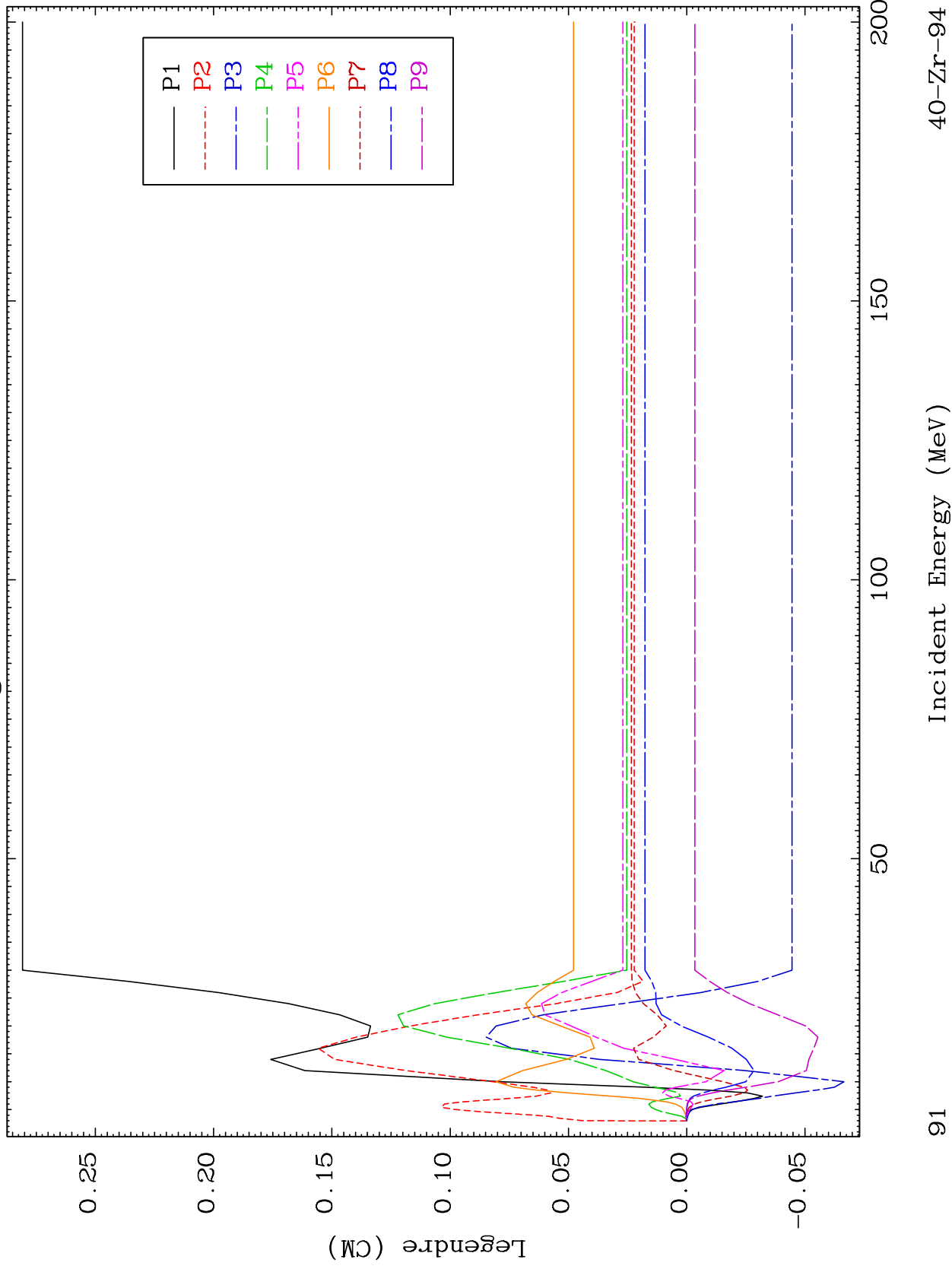
Incident Energy (MeV)

40-Zr-94

MAT 4037

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

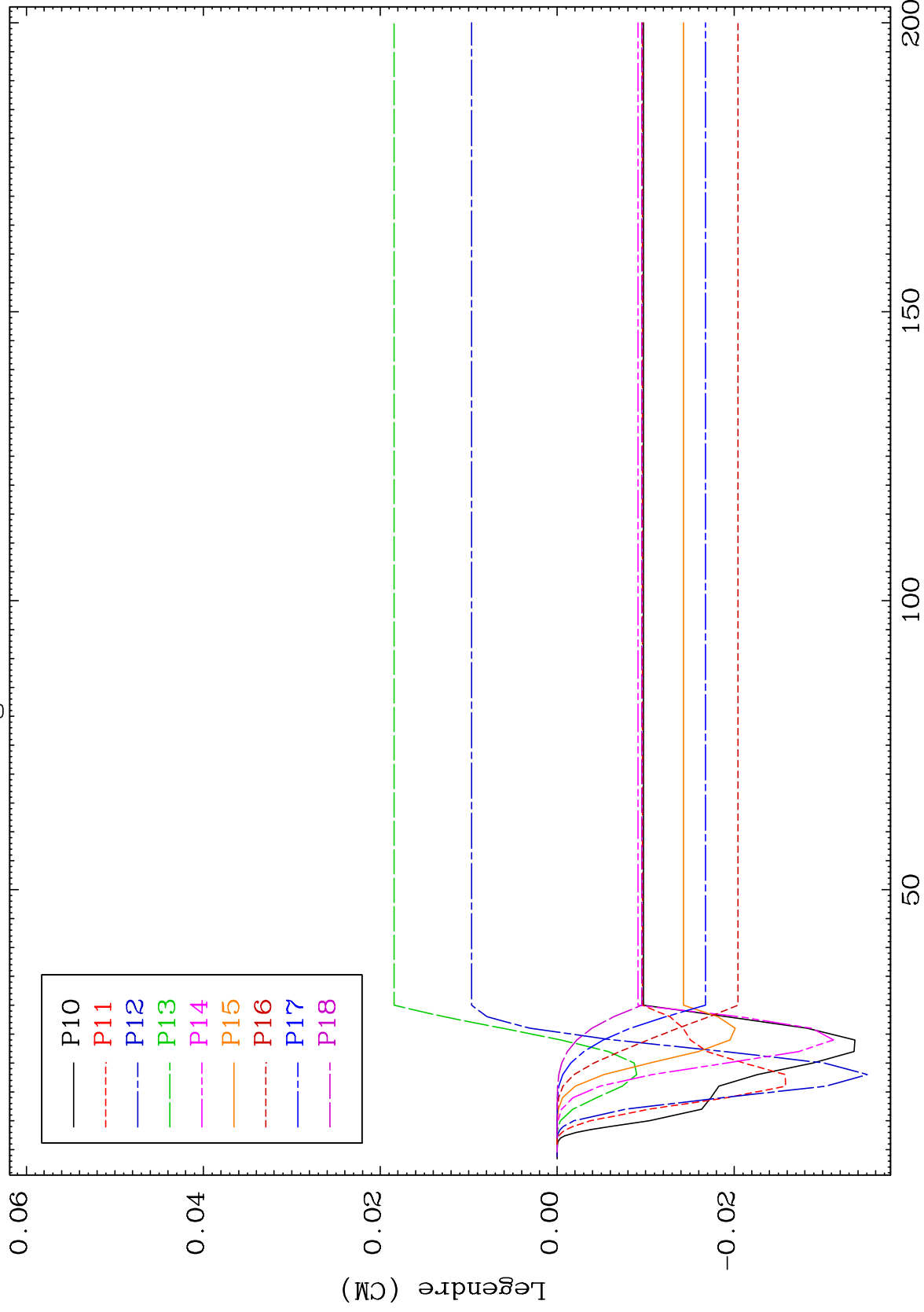
40-Zr-94



MAT 4037

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

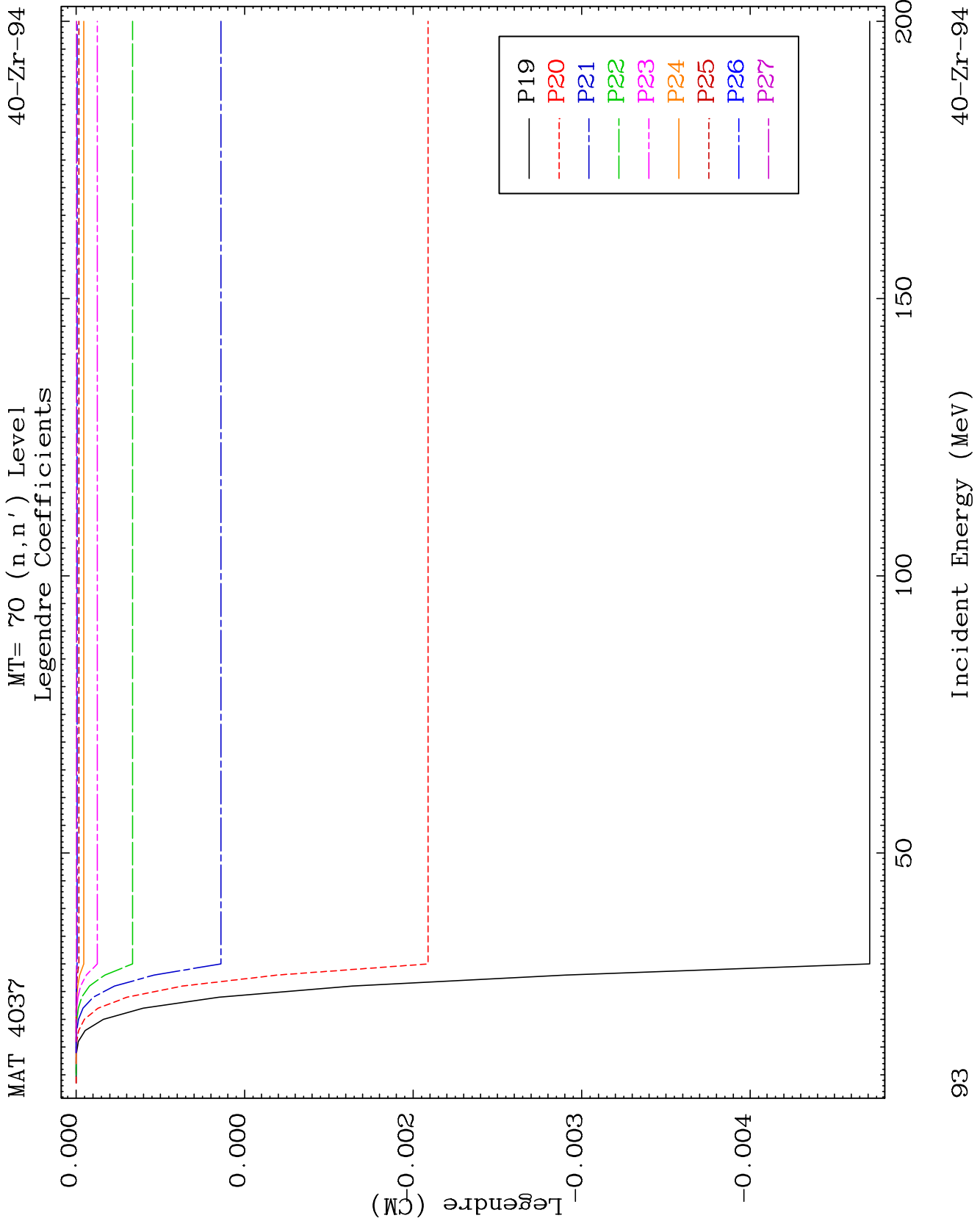
40-Zr-94

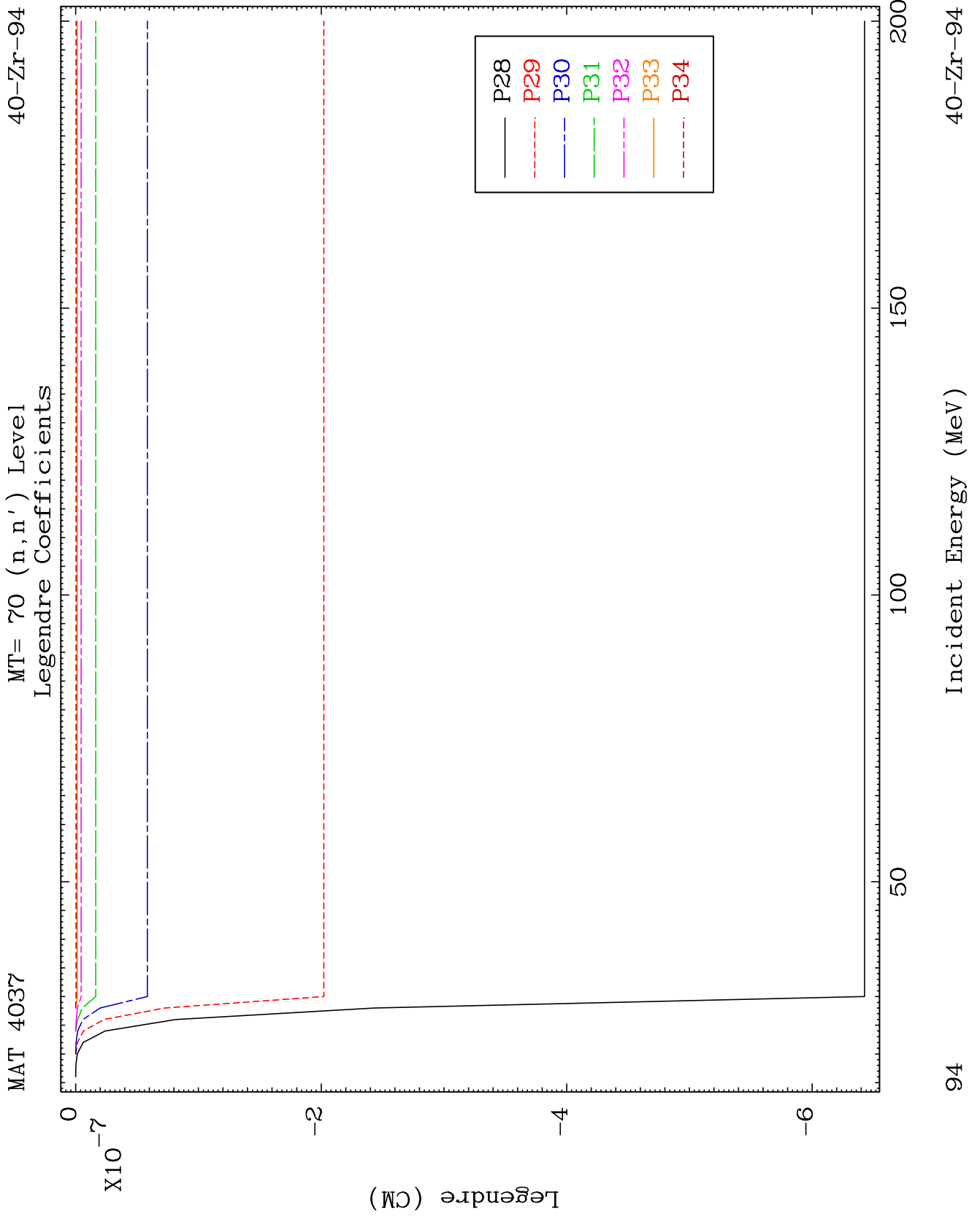


92

Incident Energy (MeV)

40-Zr-94

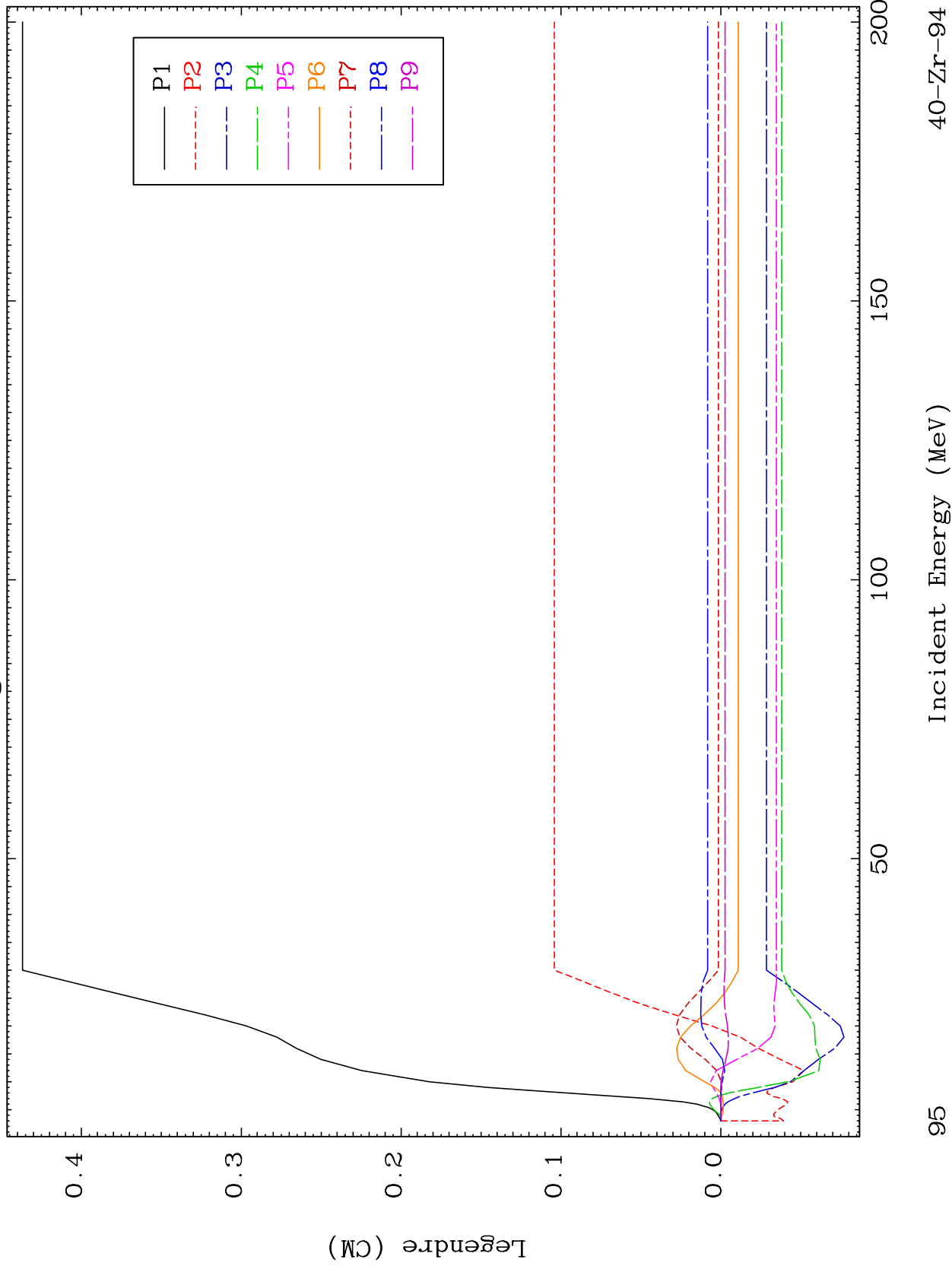




MAT 4037

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

40-Zr-94



95

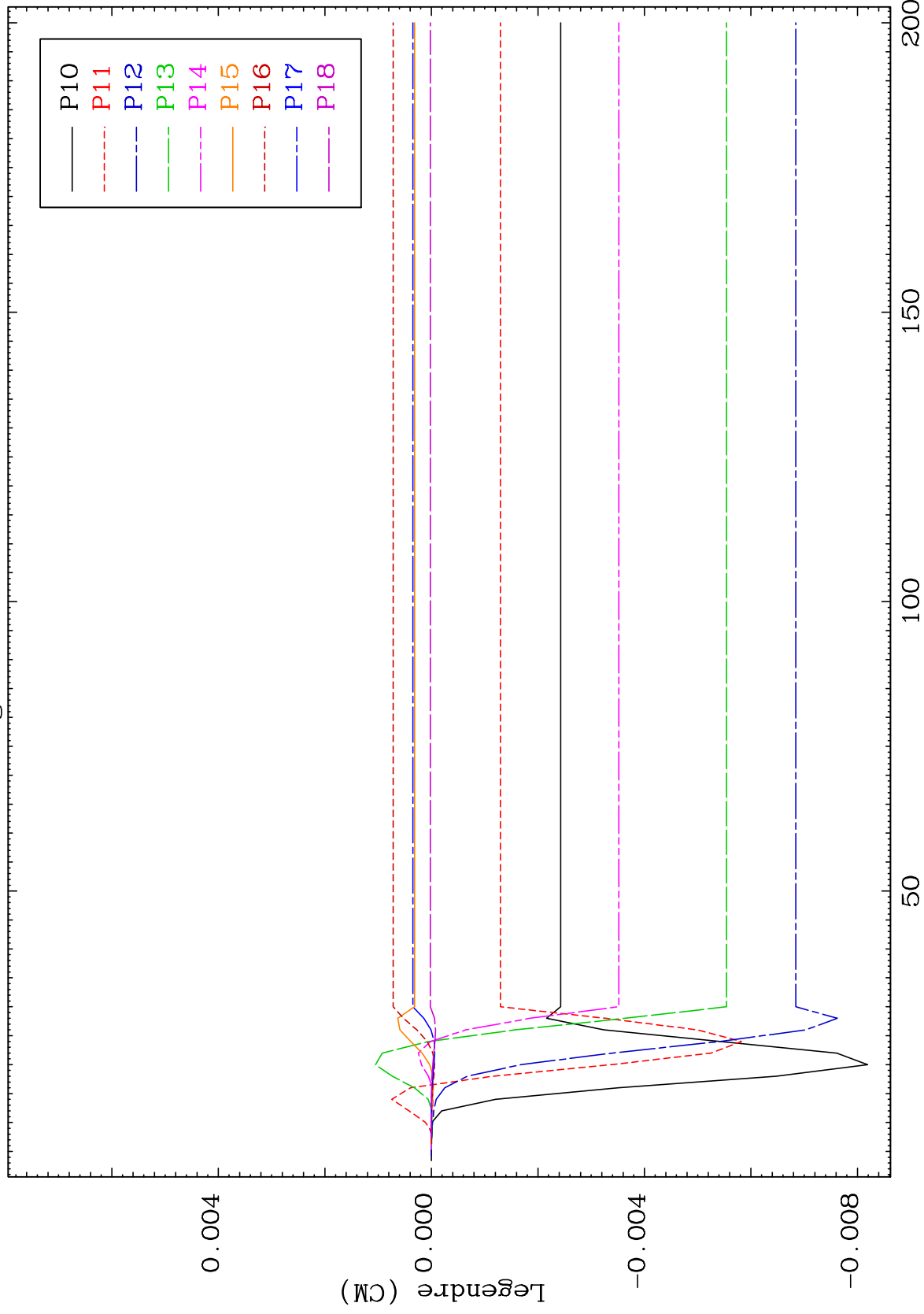
Incident Energy (MeV)

40-Zr-94

MAT 4037

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

40-Zr-94



96

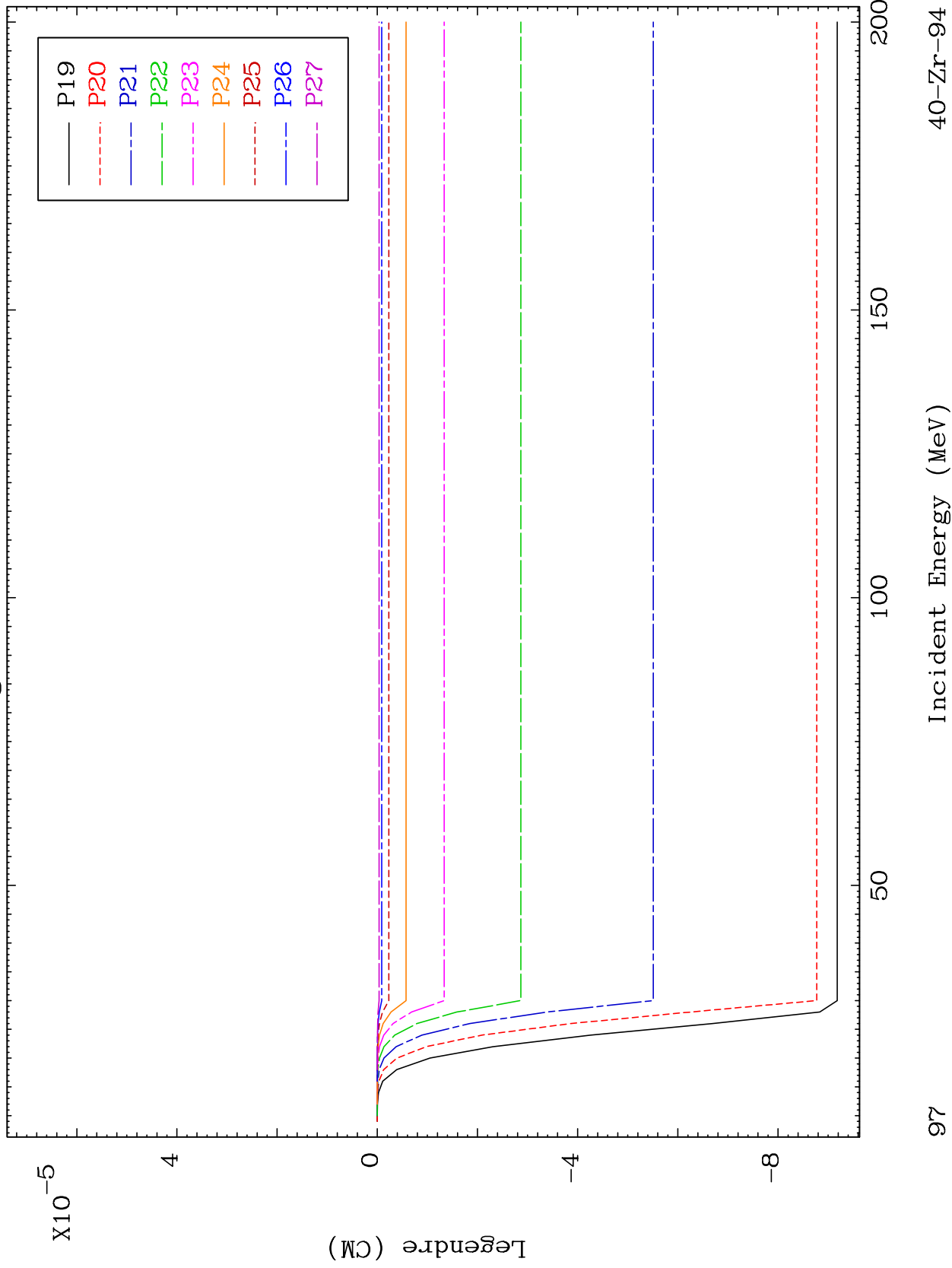
Incident Energy (MeV)

40-Zr-94

MAT 4037

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

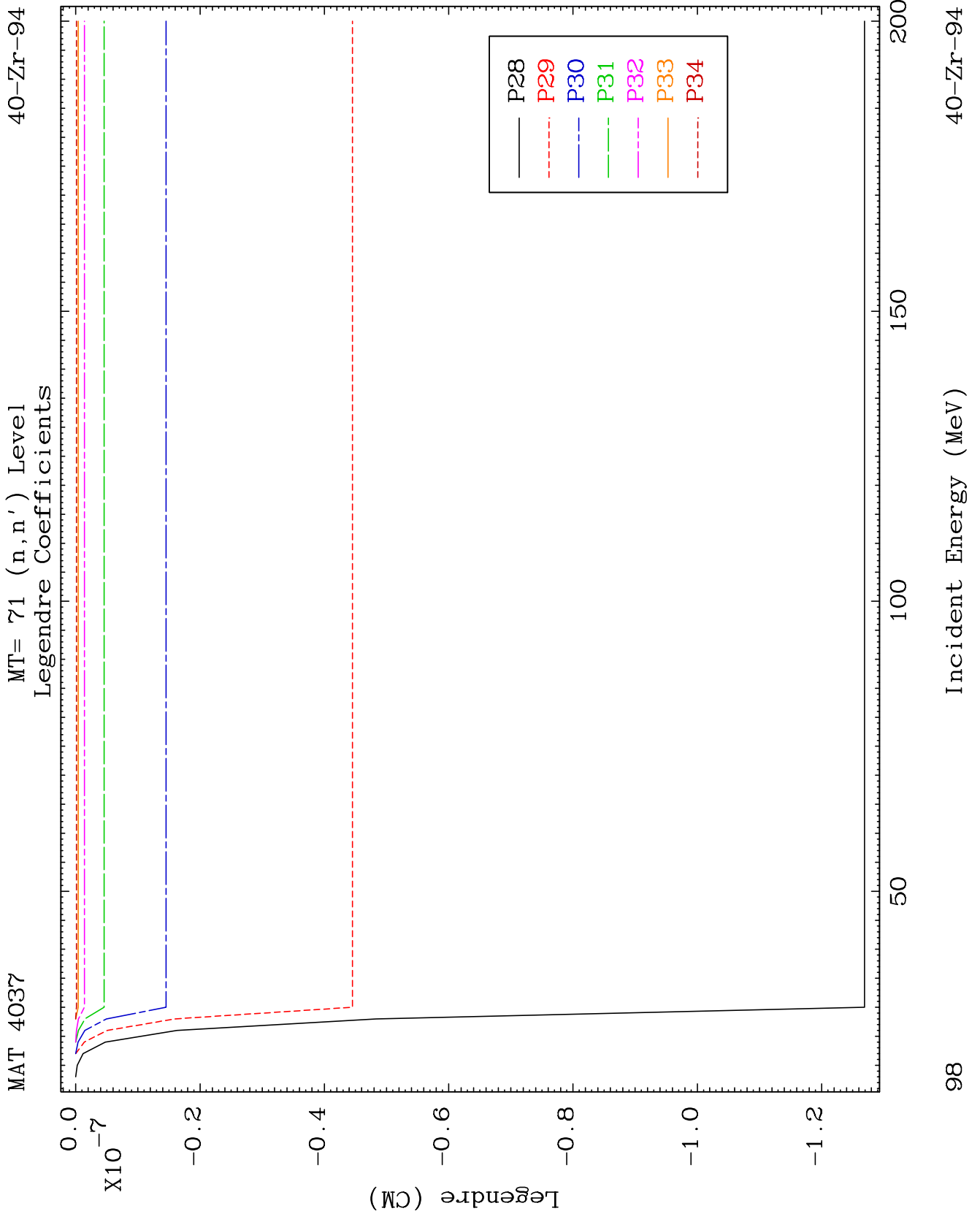
40-Zr-94



97

Incident Energy (MeV)

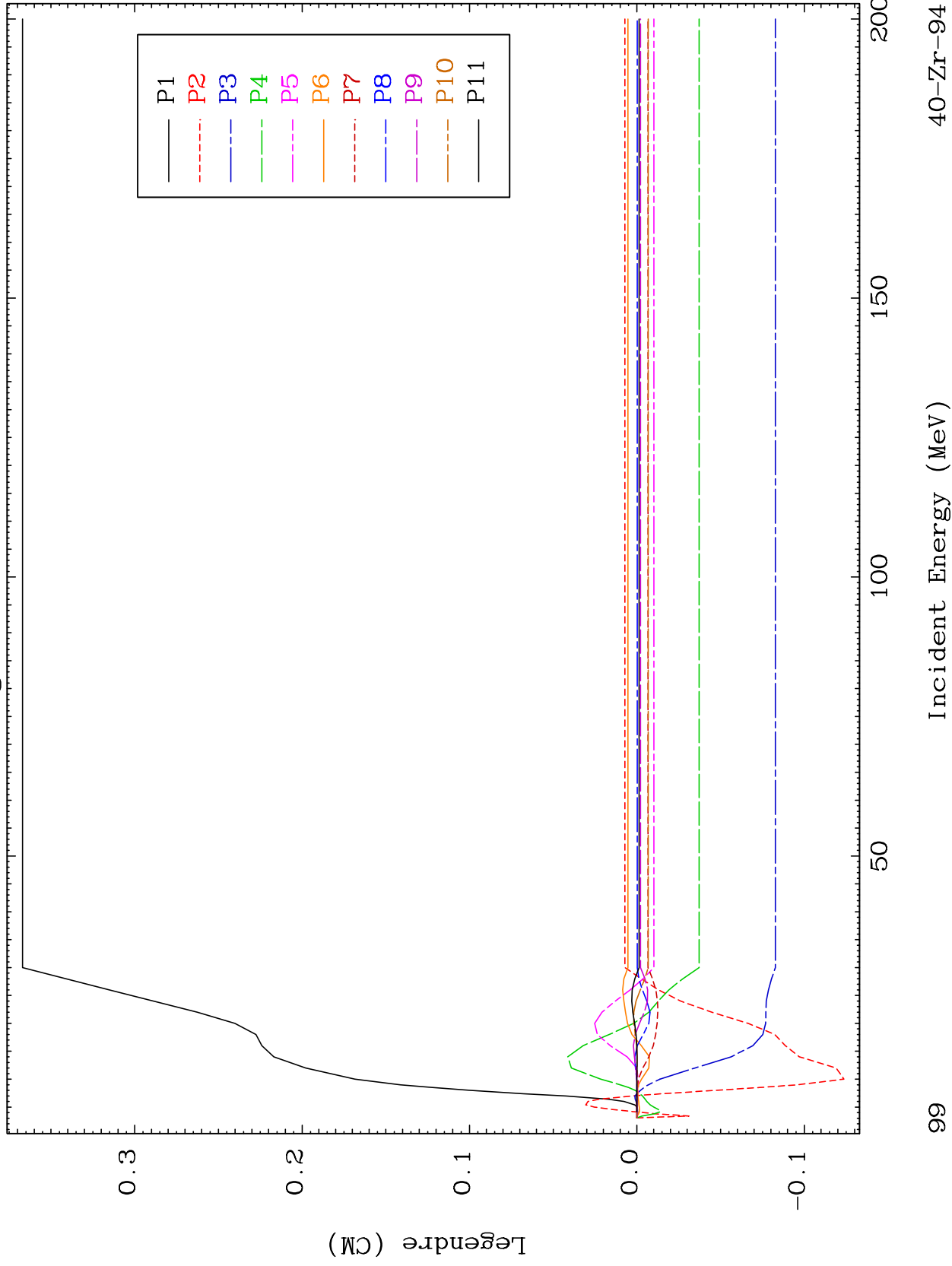
40-Zr-94

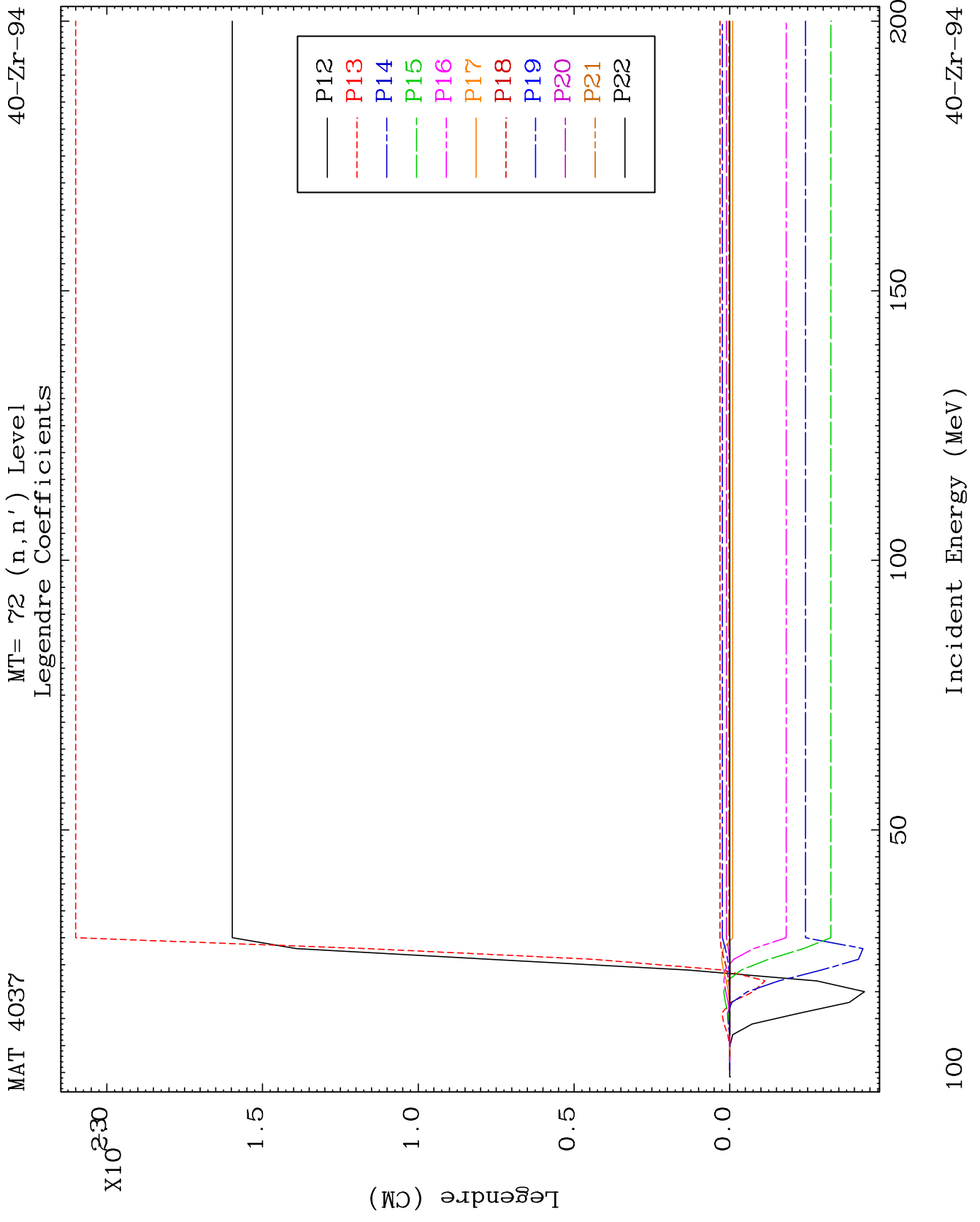


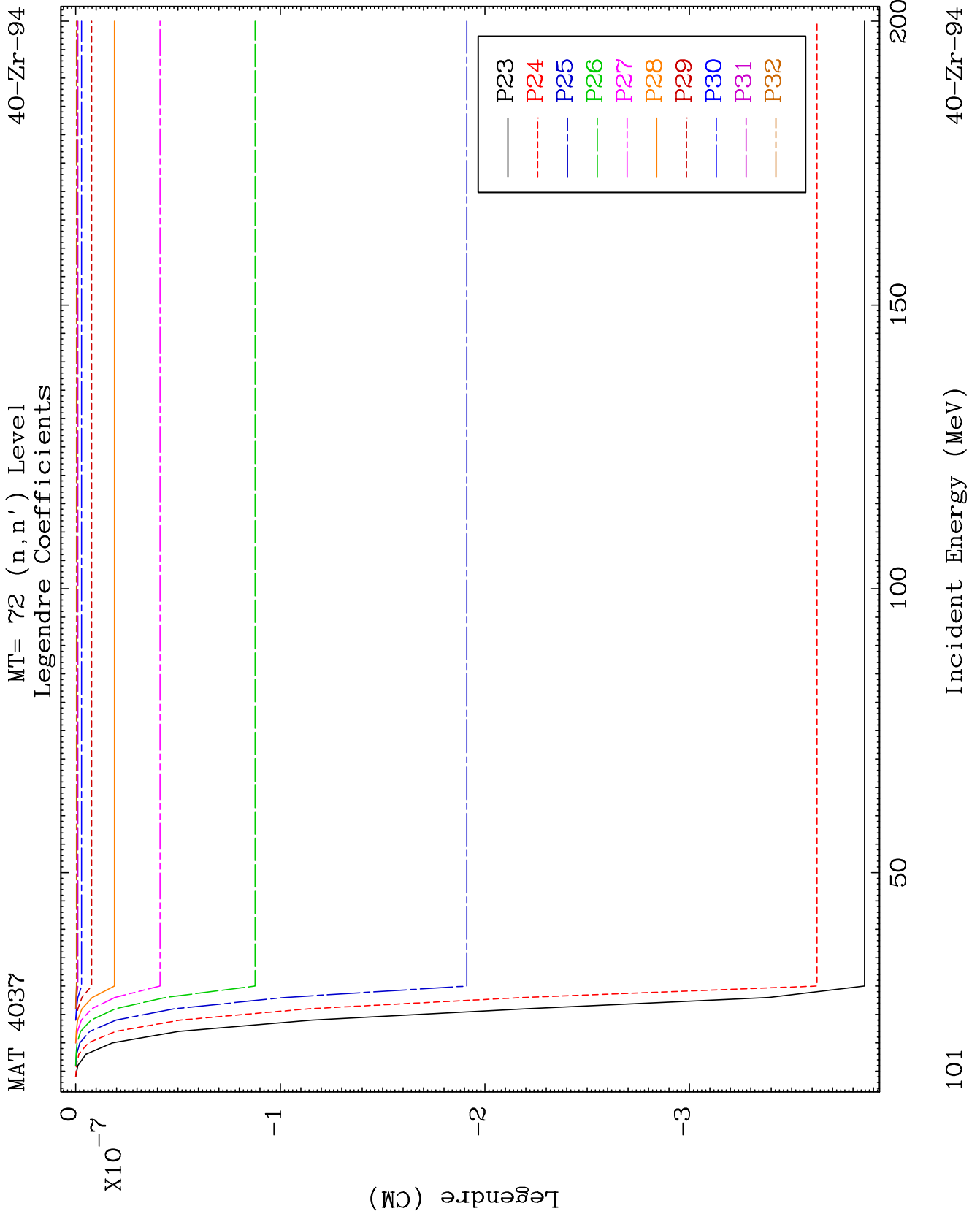
MAT 4037

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

40-Zr-94



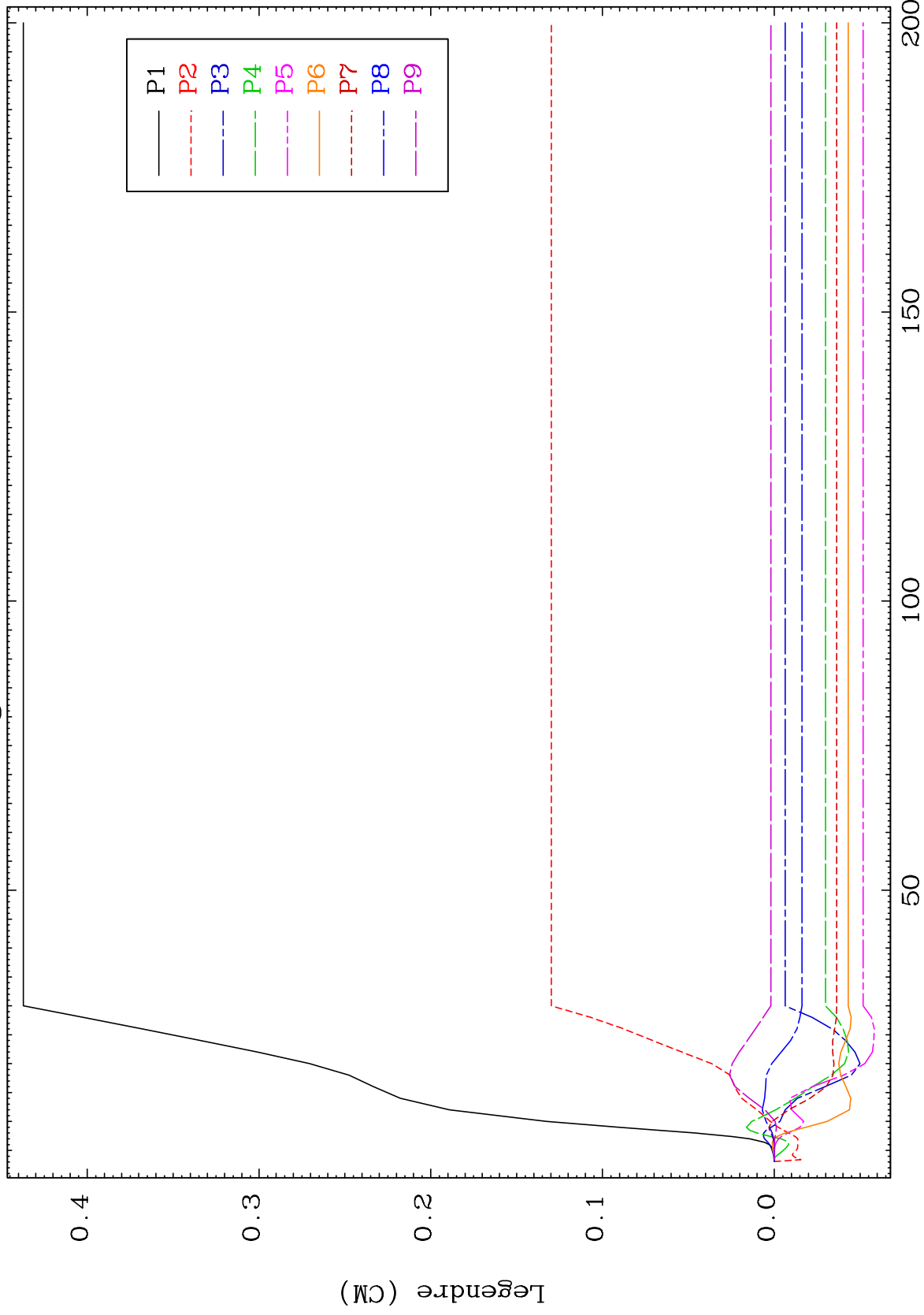




MAT 4037

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

40-Zr-94



102

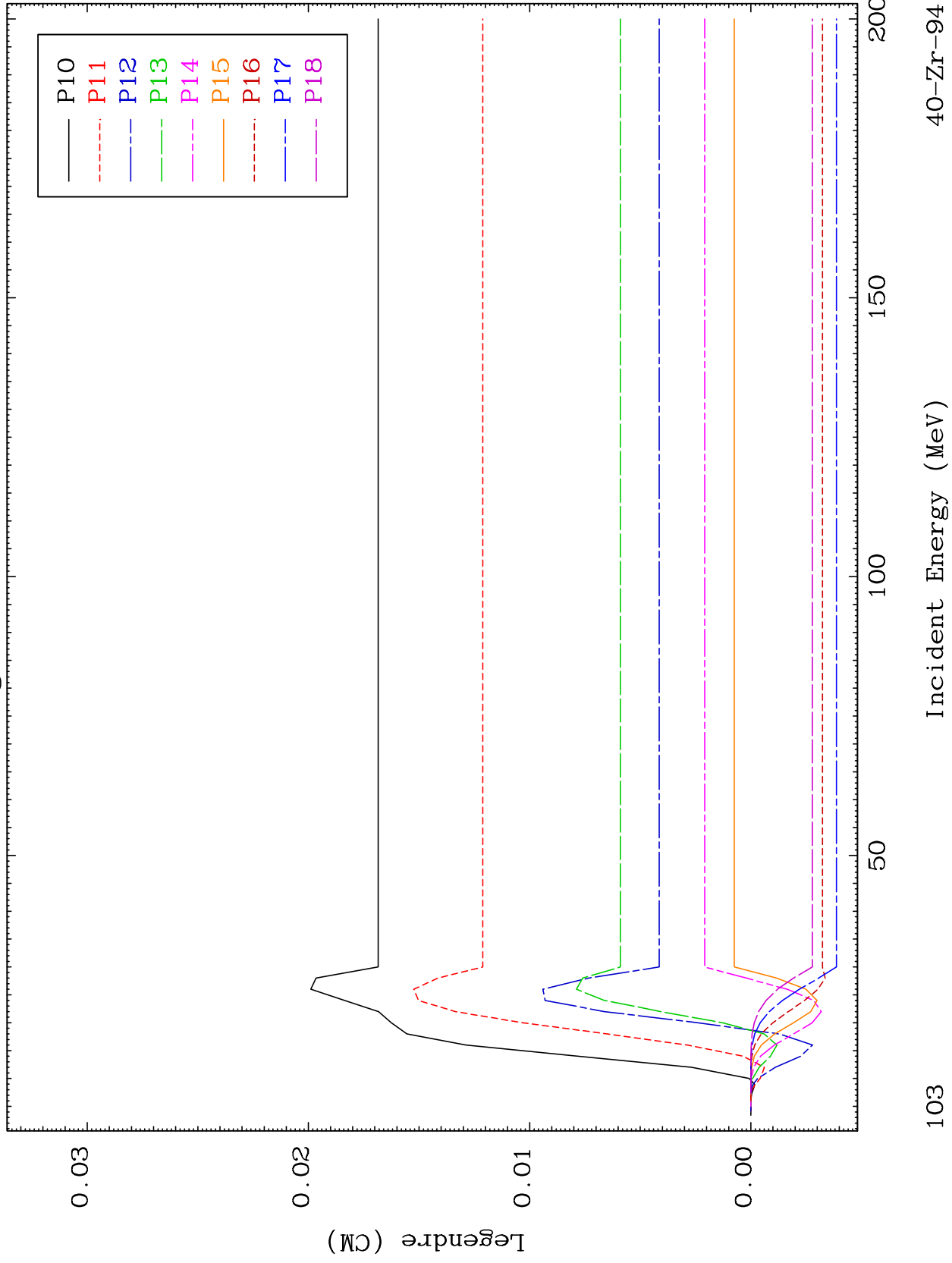
Incident Energy (MeV)

40-Zr-94

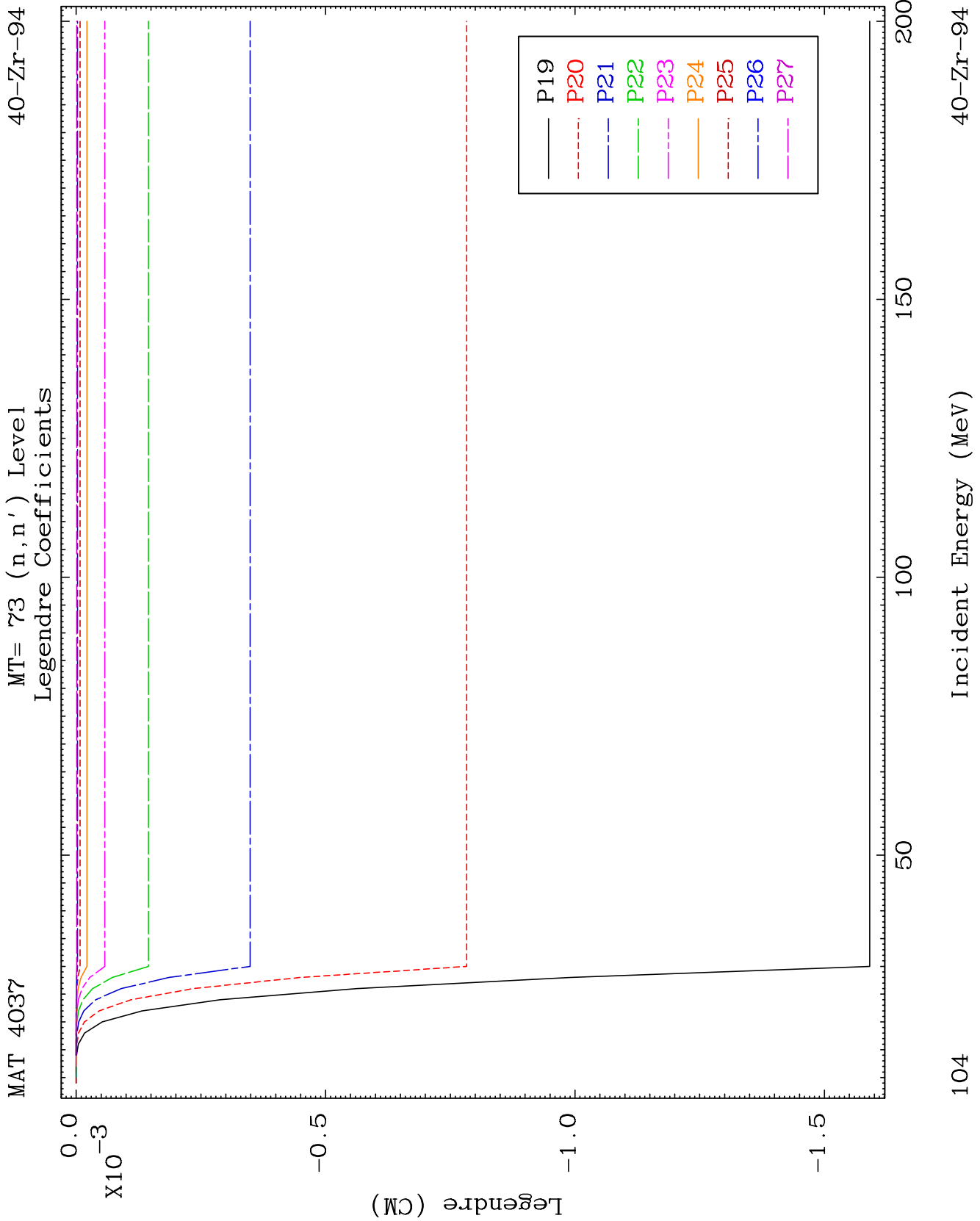
MAT 4037

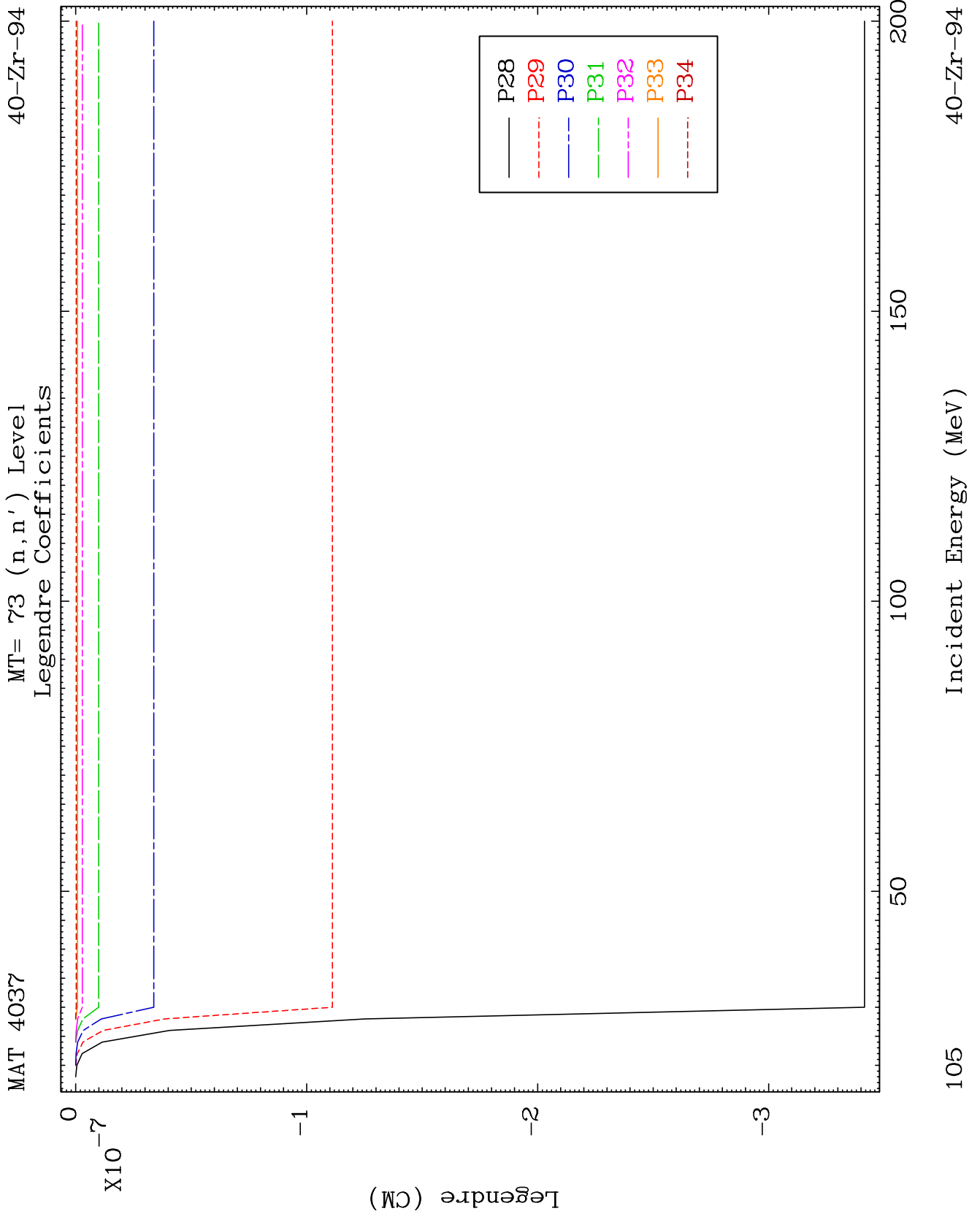
MT= 73 (n,n') Level
Legendre Coefficients

40-Zr-94



103

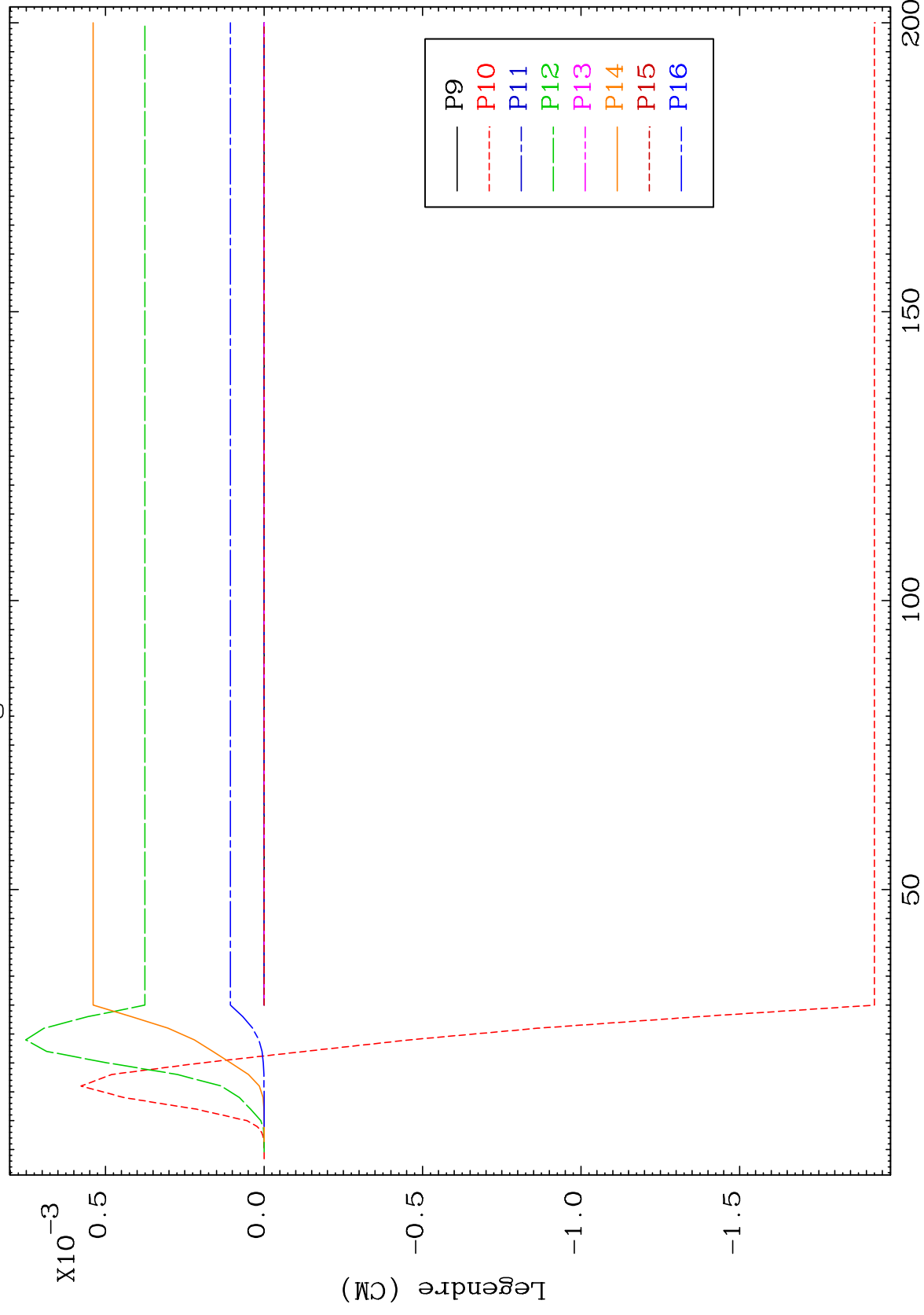




MAT 4037

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

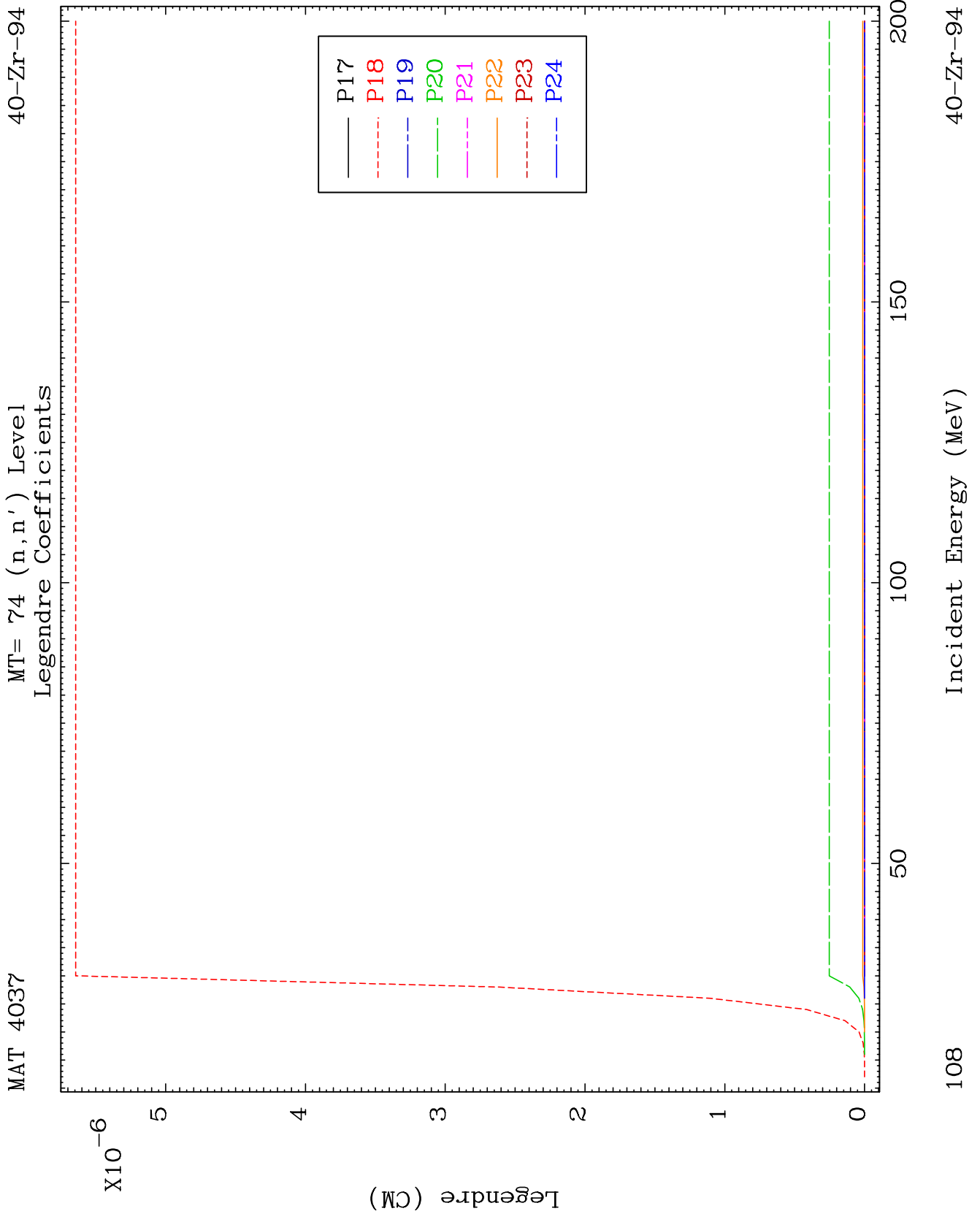
40-Zr-94

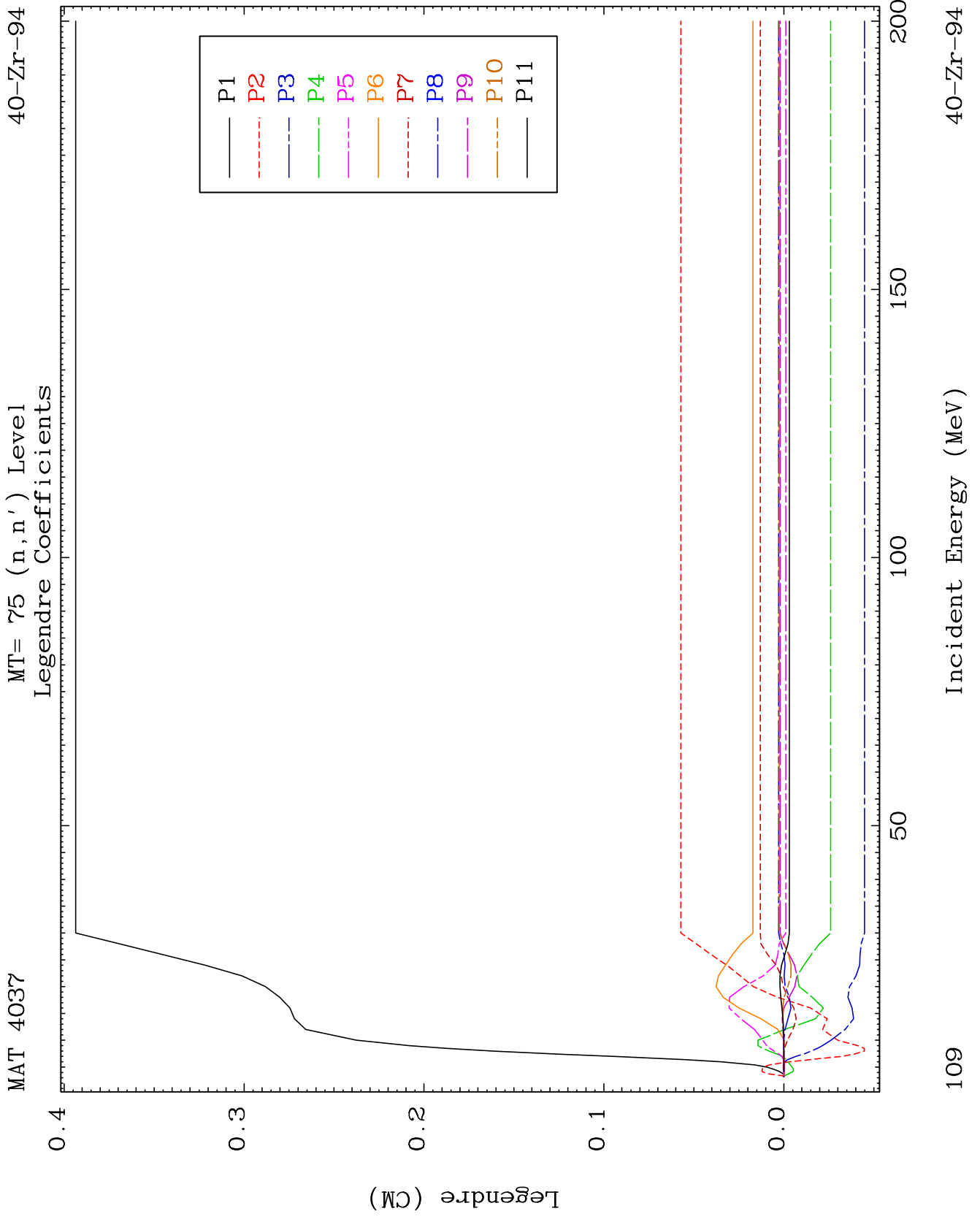


107

Incident Energy (MeV)

40-Zr-94

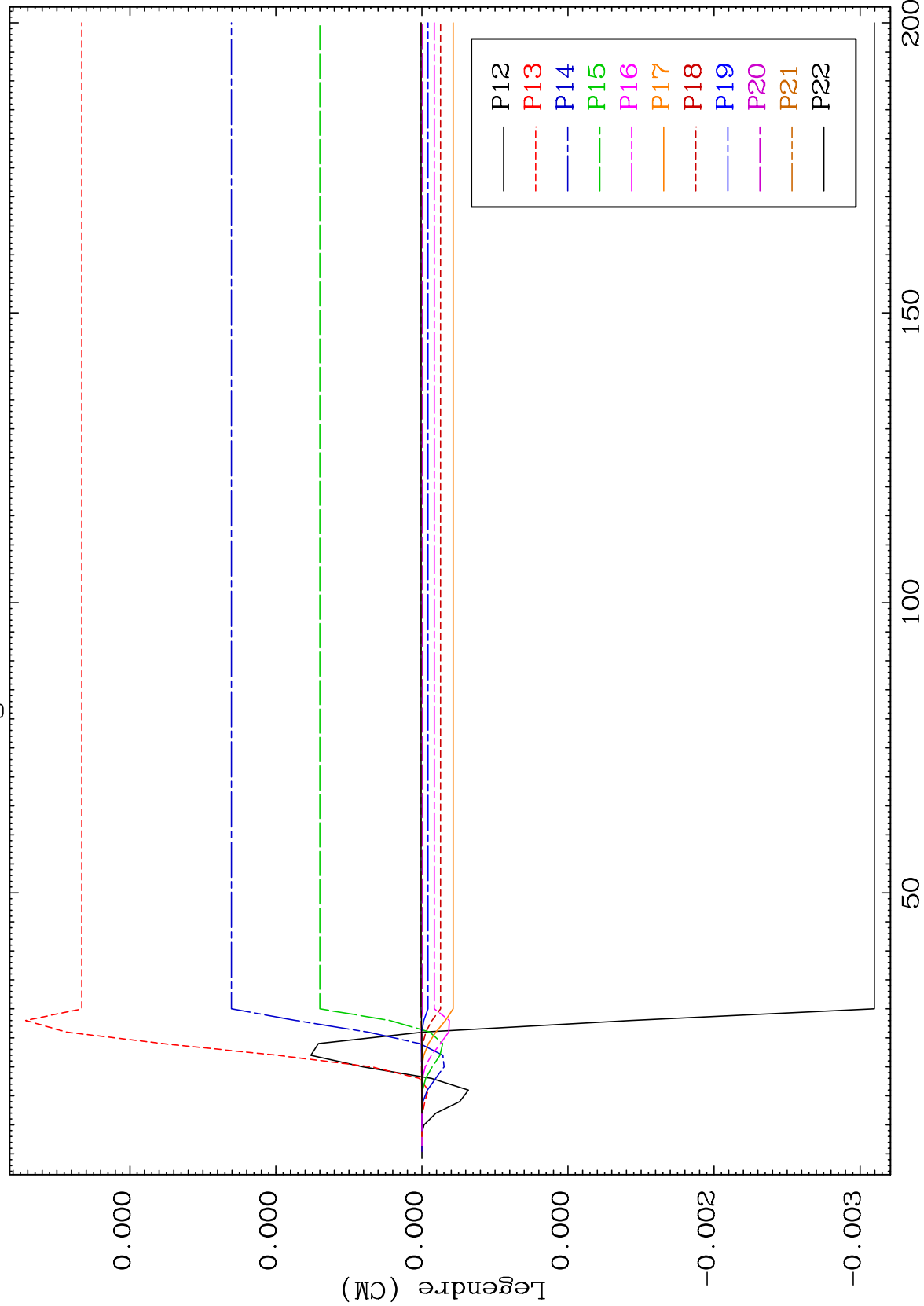




MAT 4037

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

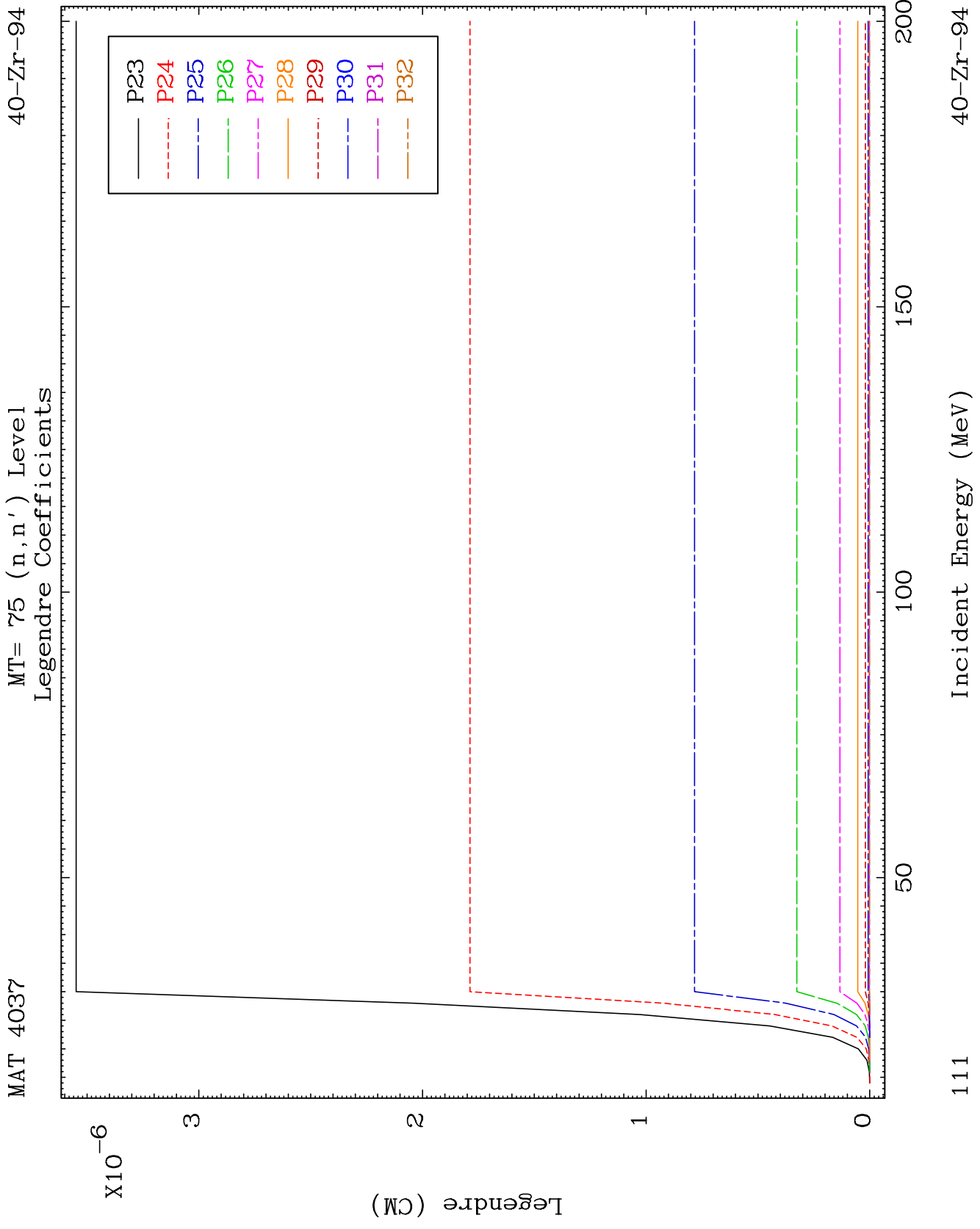
40-Zr-94



110

Incident Energy (MeV)

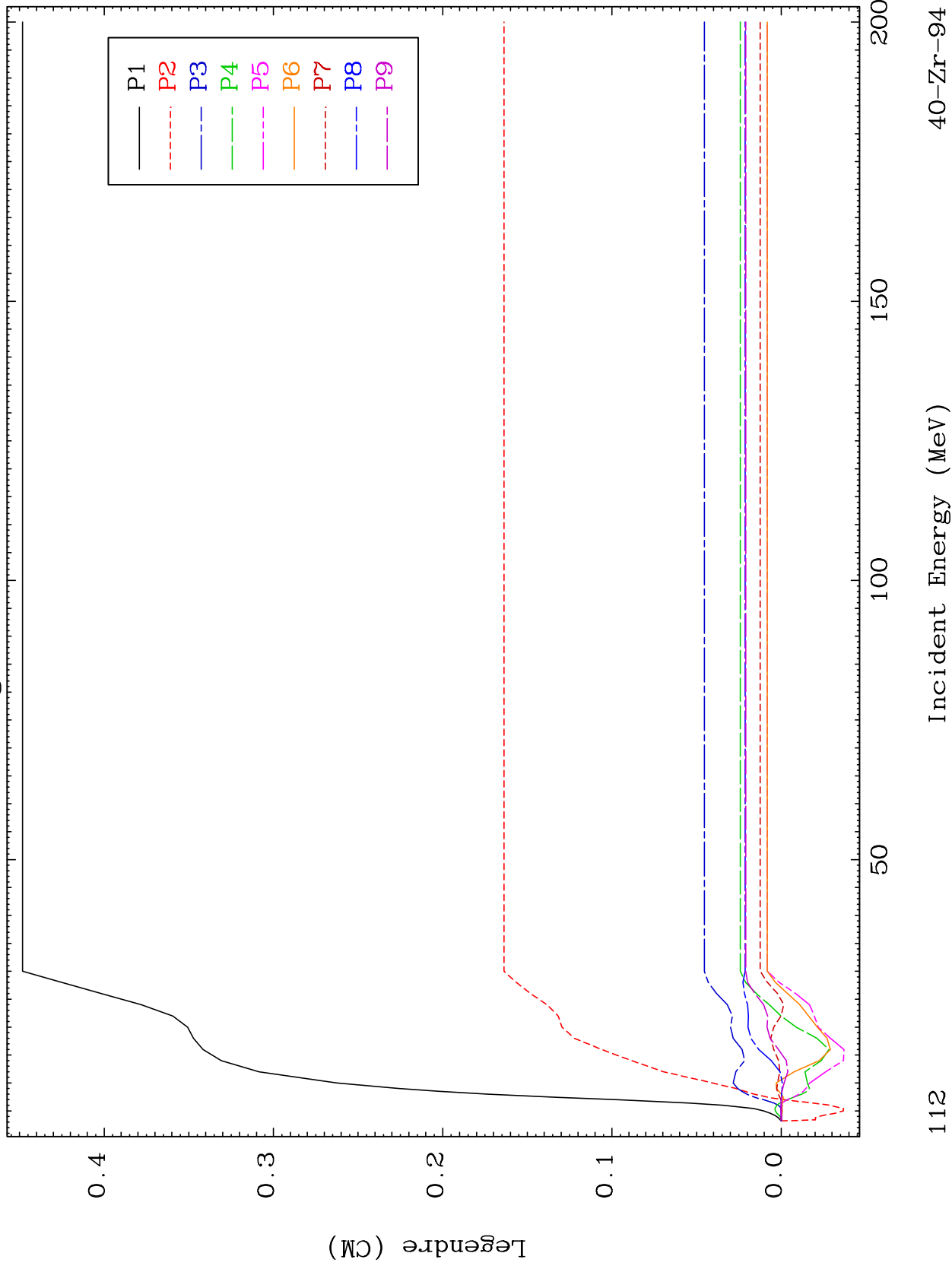
40-Zr-94



MAT 4037

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

40-Zr-94



112

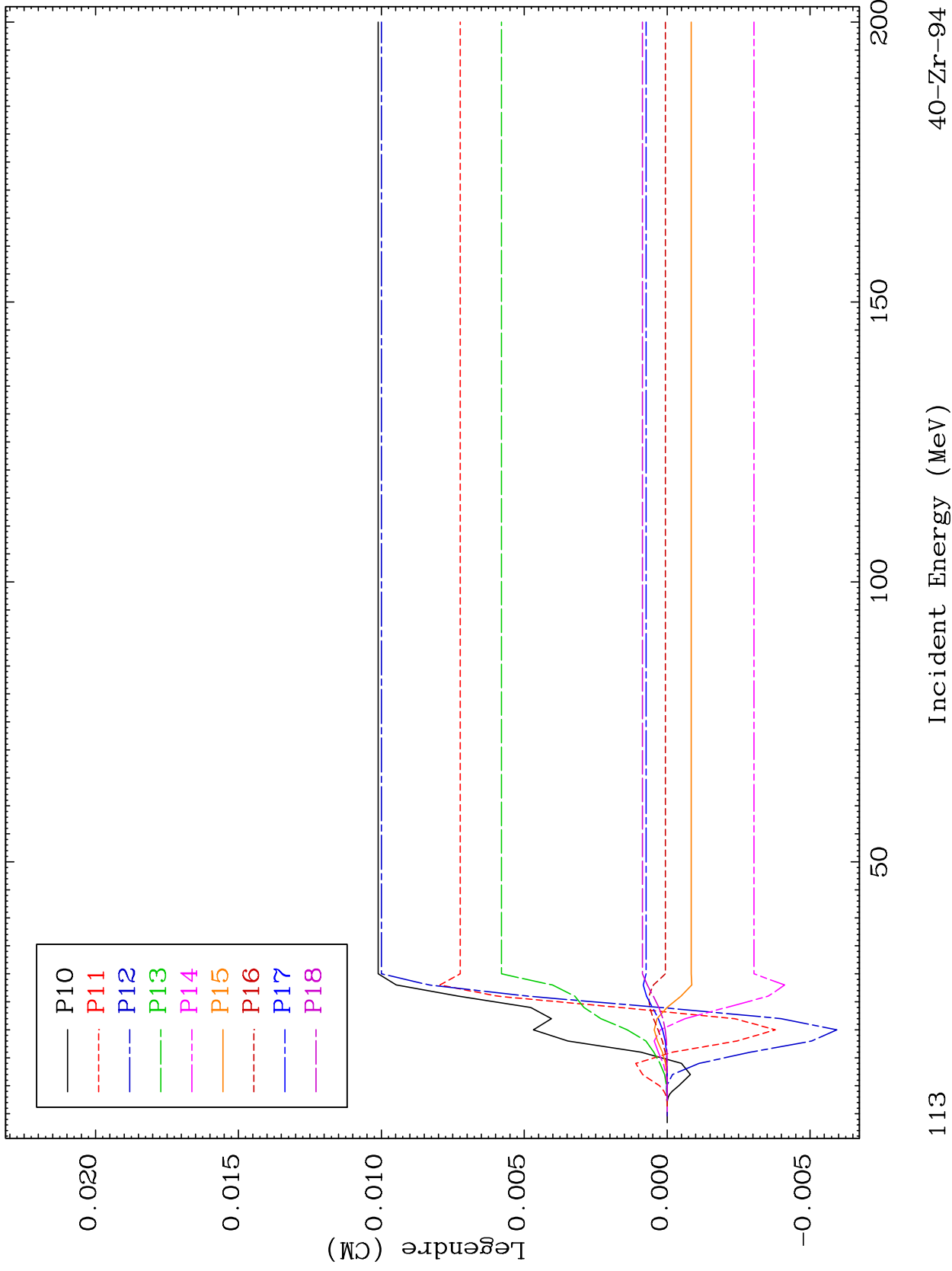
Incident Energy (MeV)

40-Zr-94

MAT 4037

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

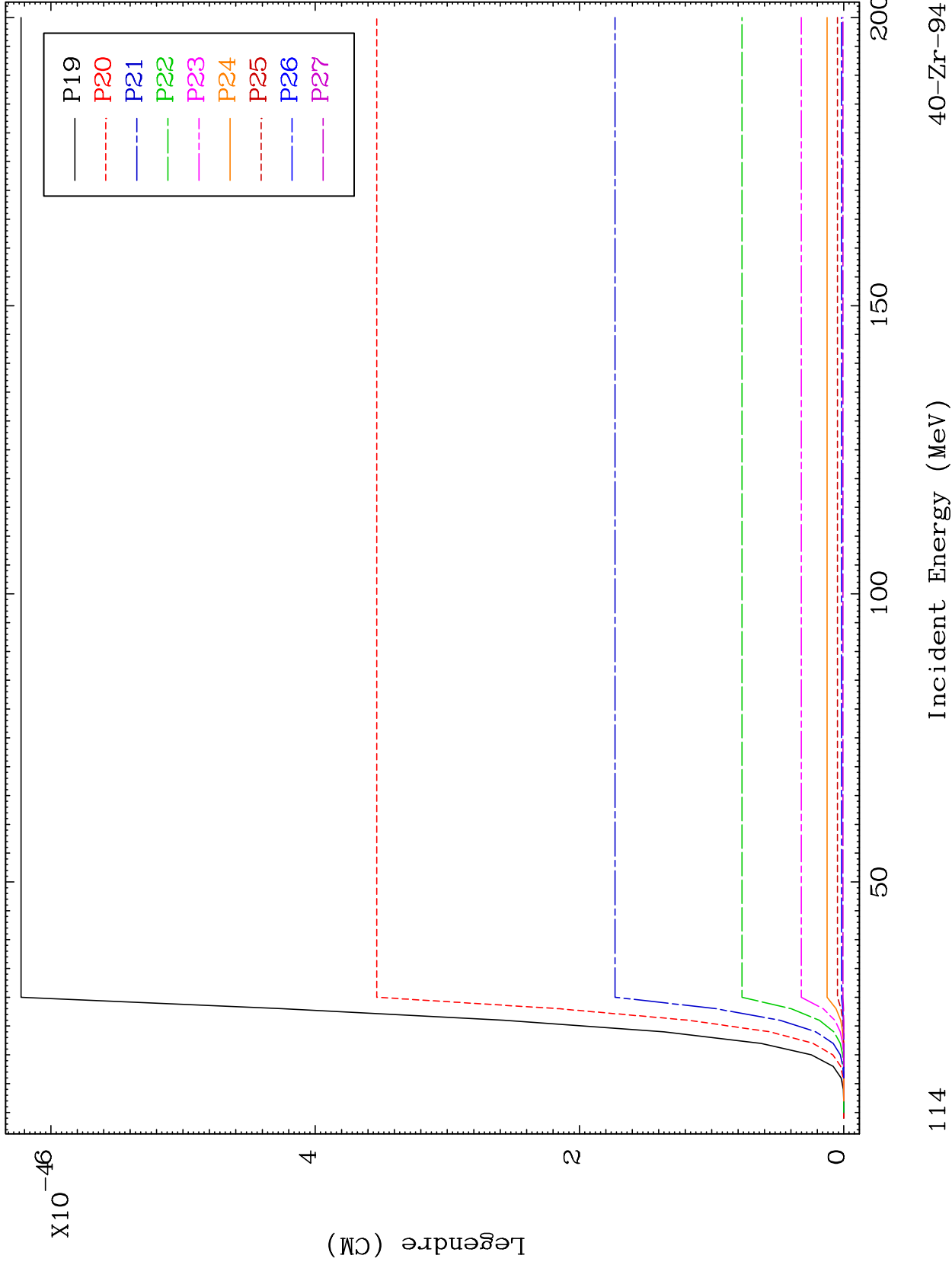
40-Zr-94

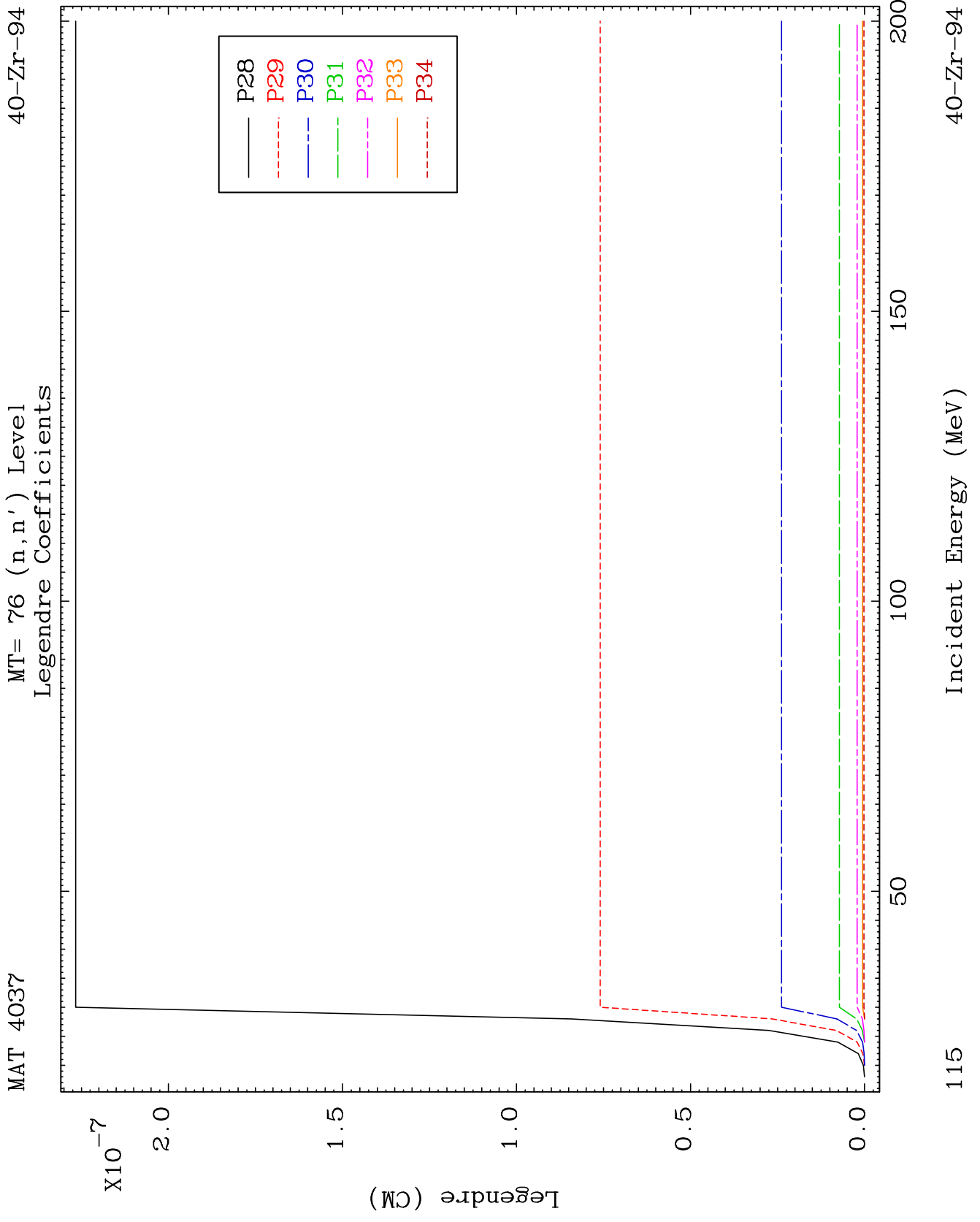


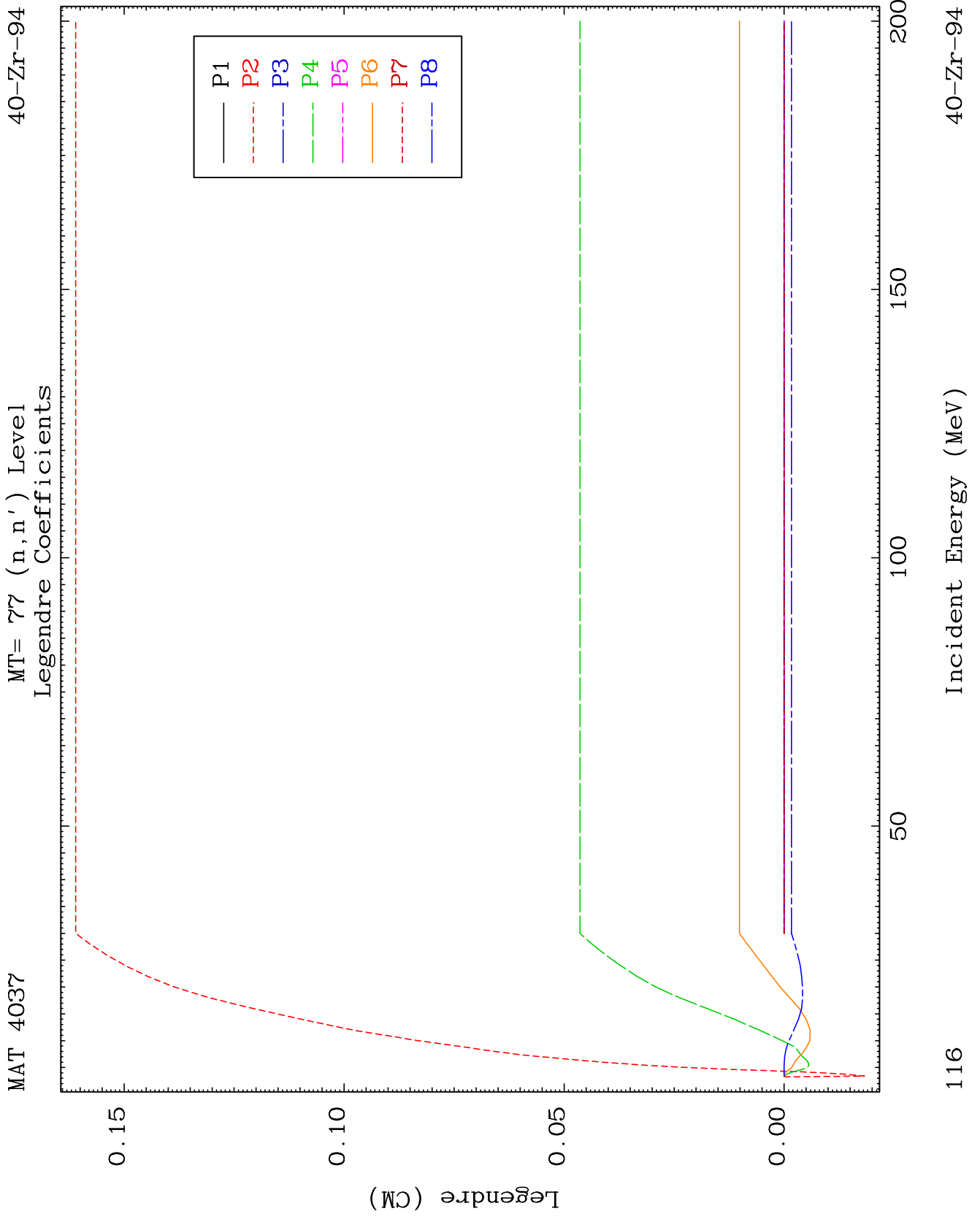
MAT 4037

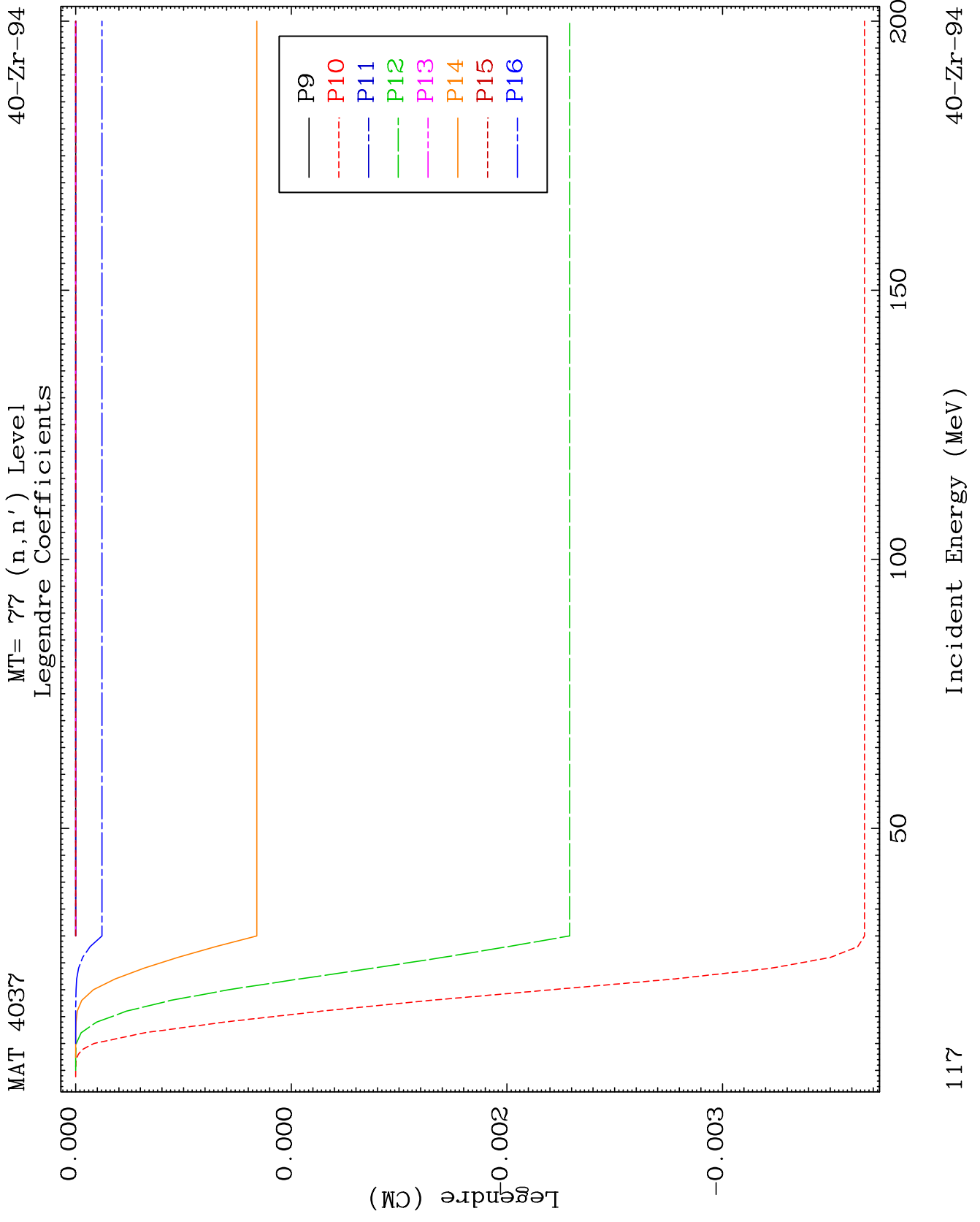
MT= 76 (n,n') Level
Legendre Coefficients

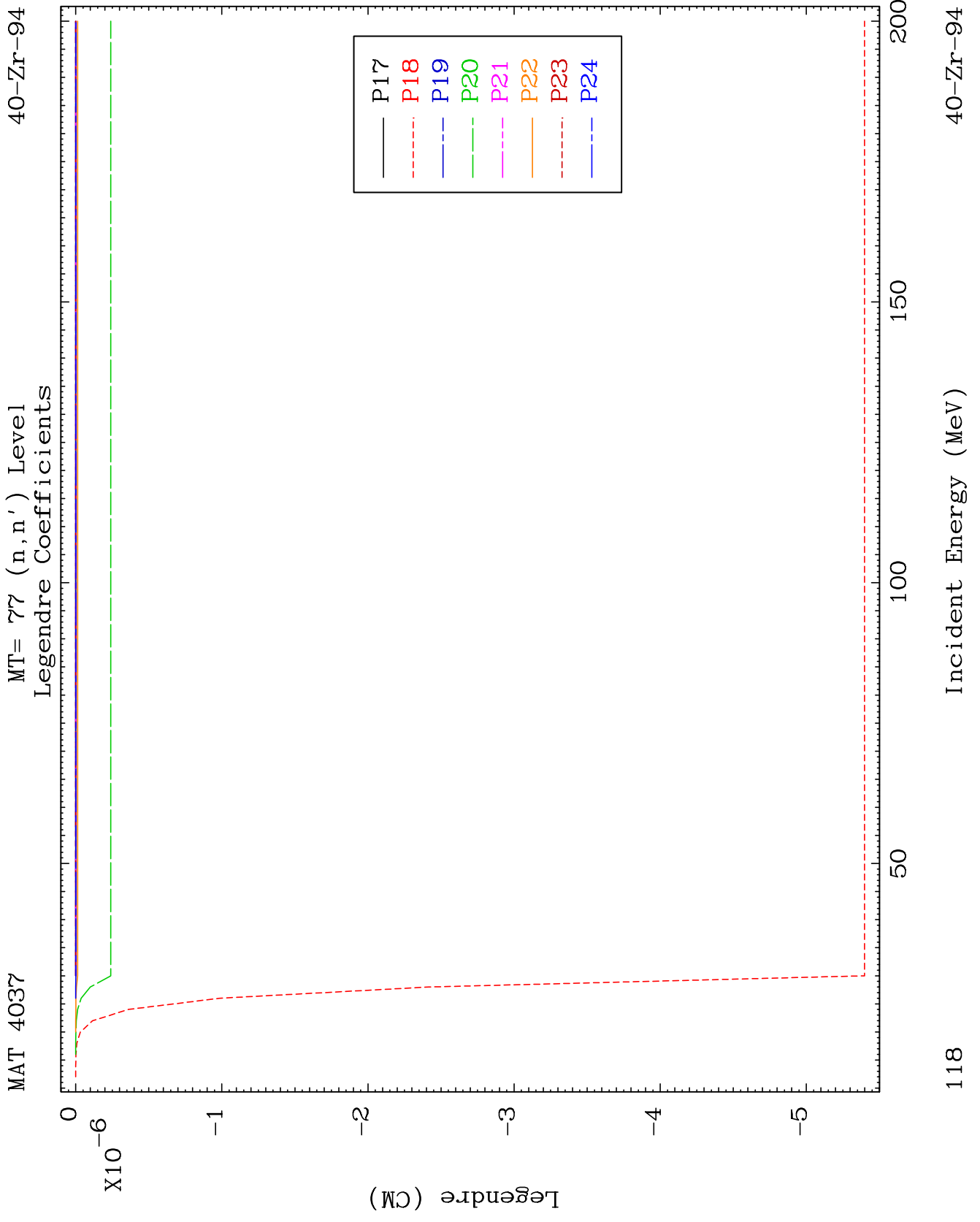
40-Zr-94

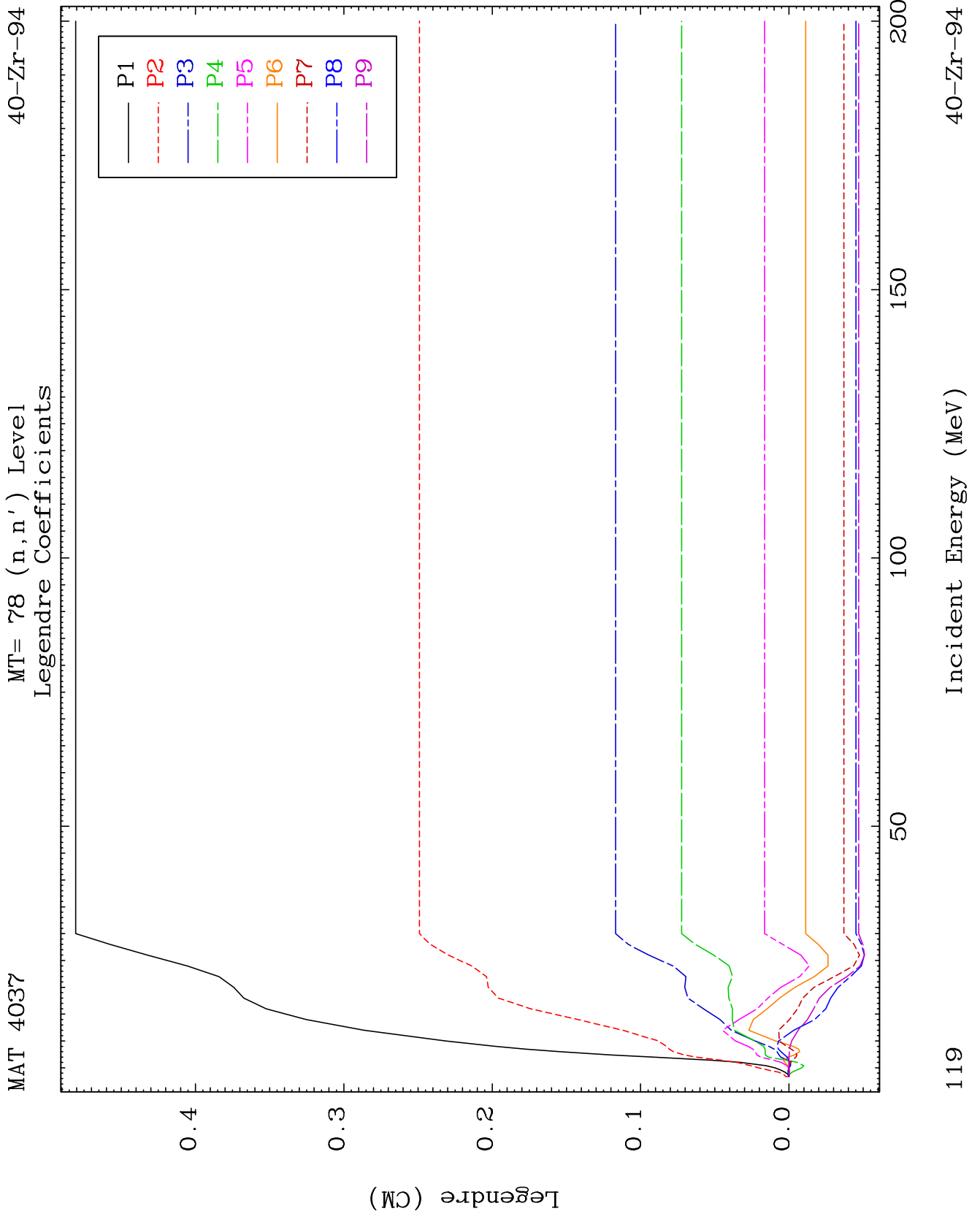








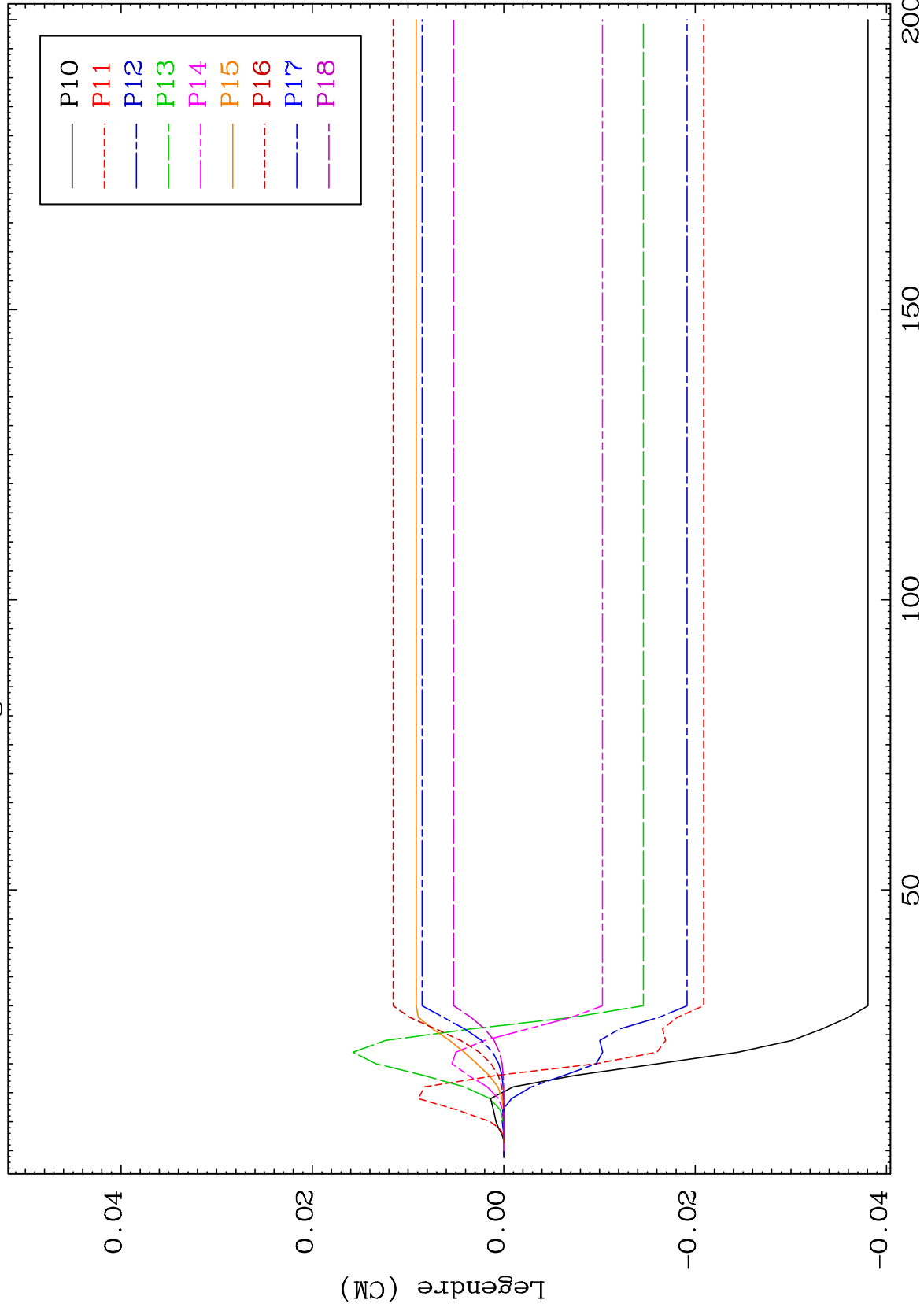




MAT 4037

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

40-Zr-94



120

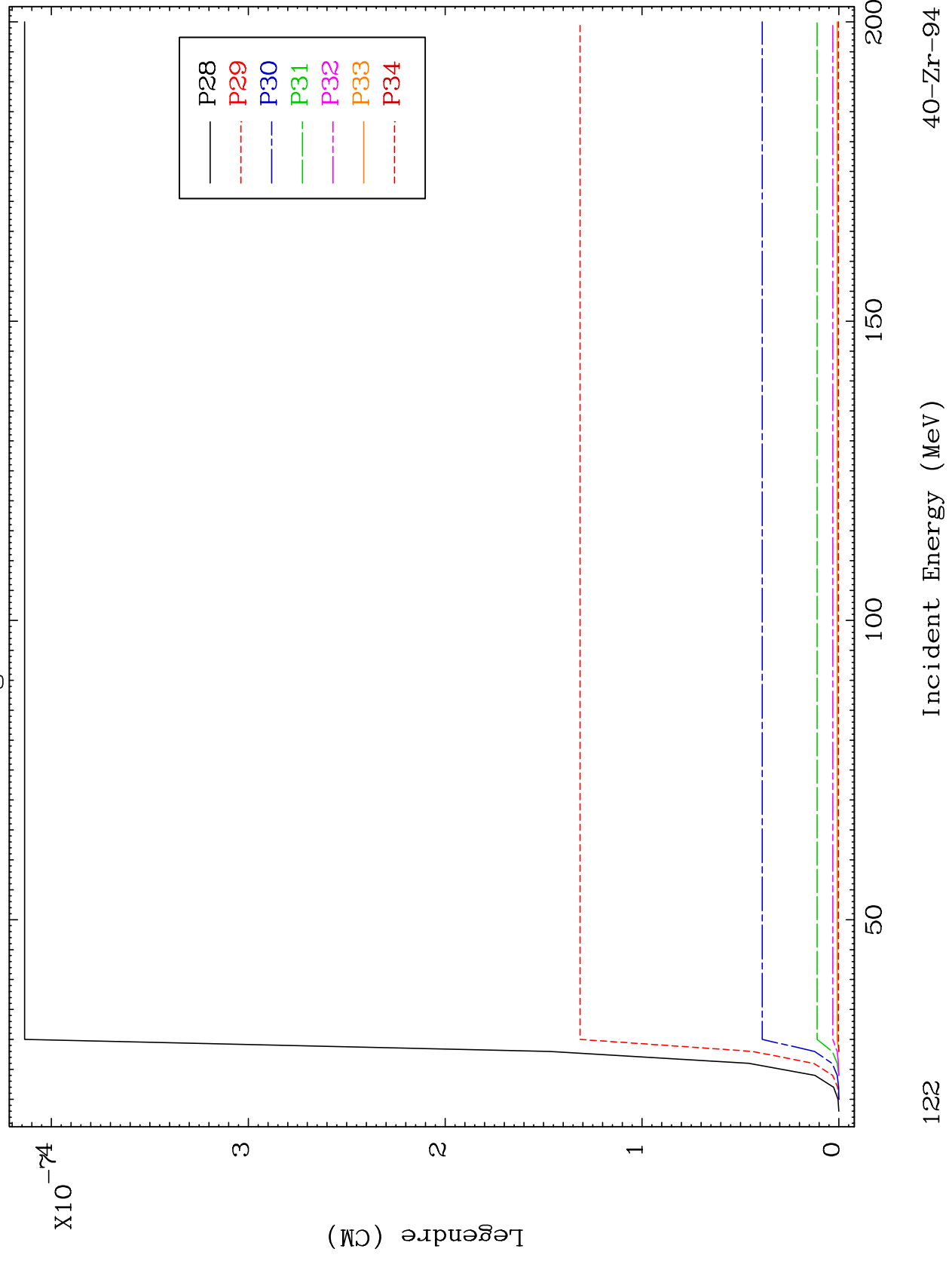
Incident Energy (MeV)

40-Zr-94

MAT 4037

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

40-Zr-94

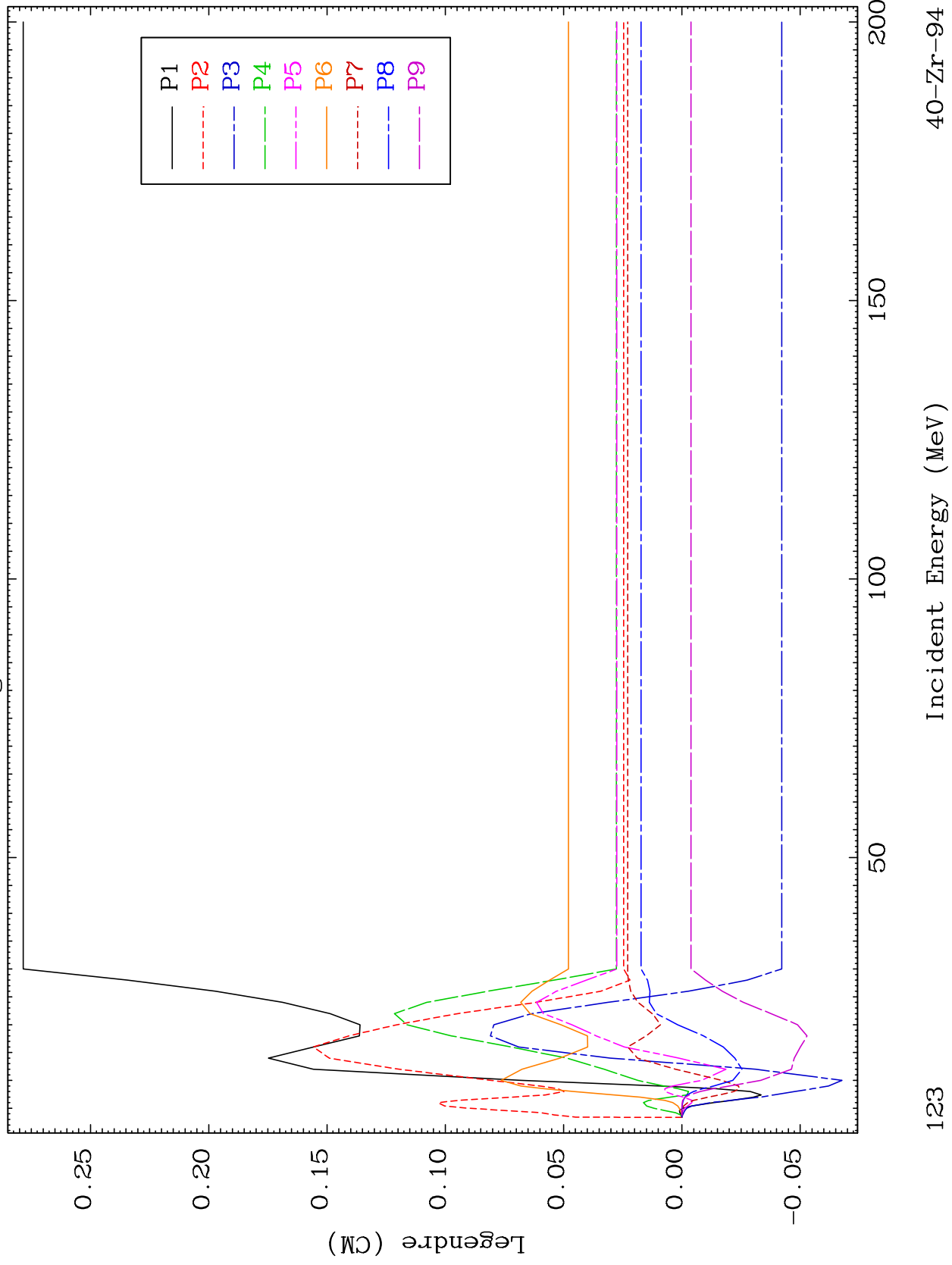


122

MAT 4037

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

40-Zr-94



123

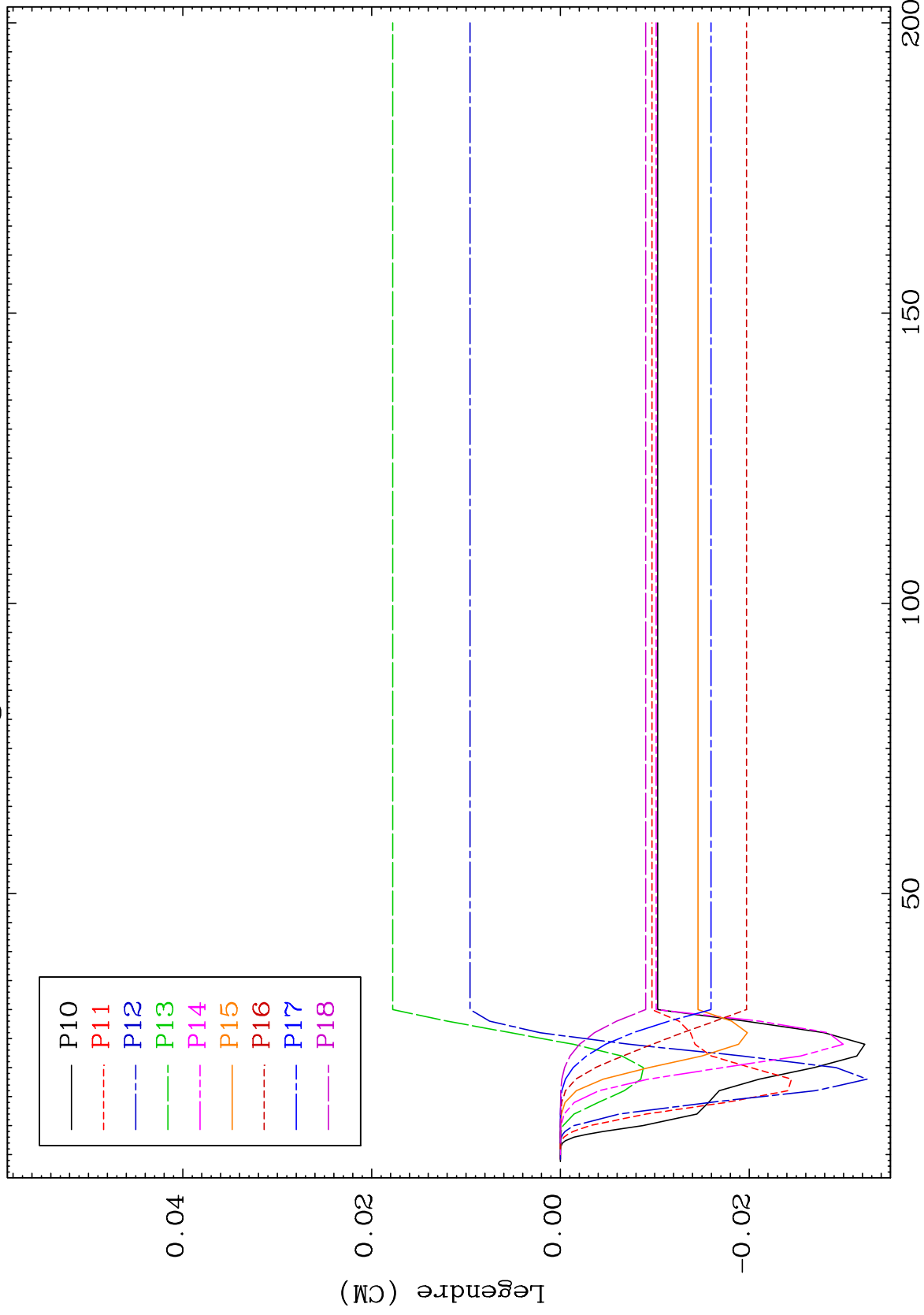
Incident Energy (MeV)

40-Zr-94

MAT 4037

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

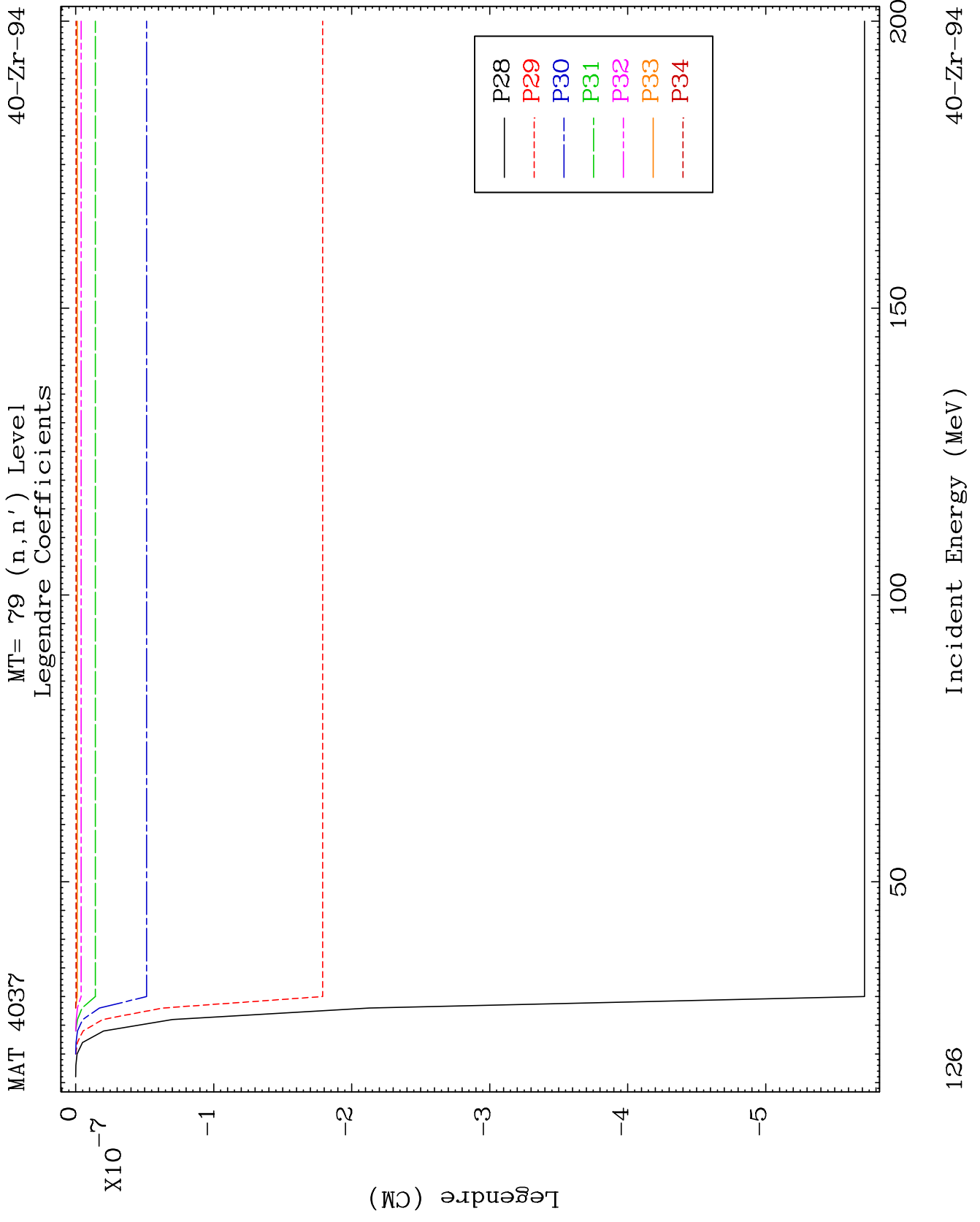
40-Zr-94



124

Incident Energy (MeV)

40-Zr-94

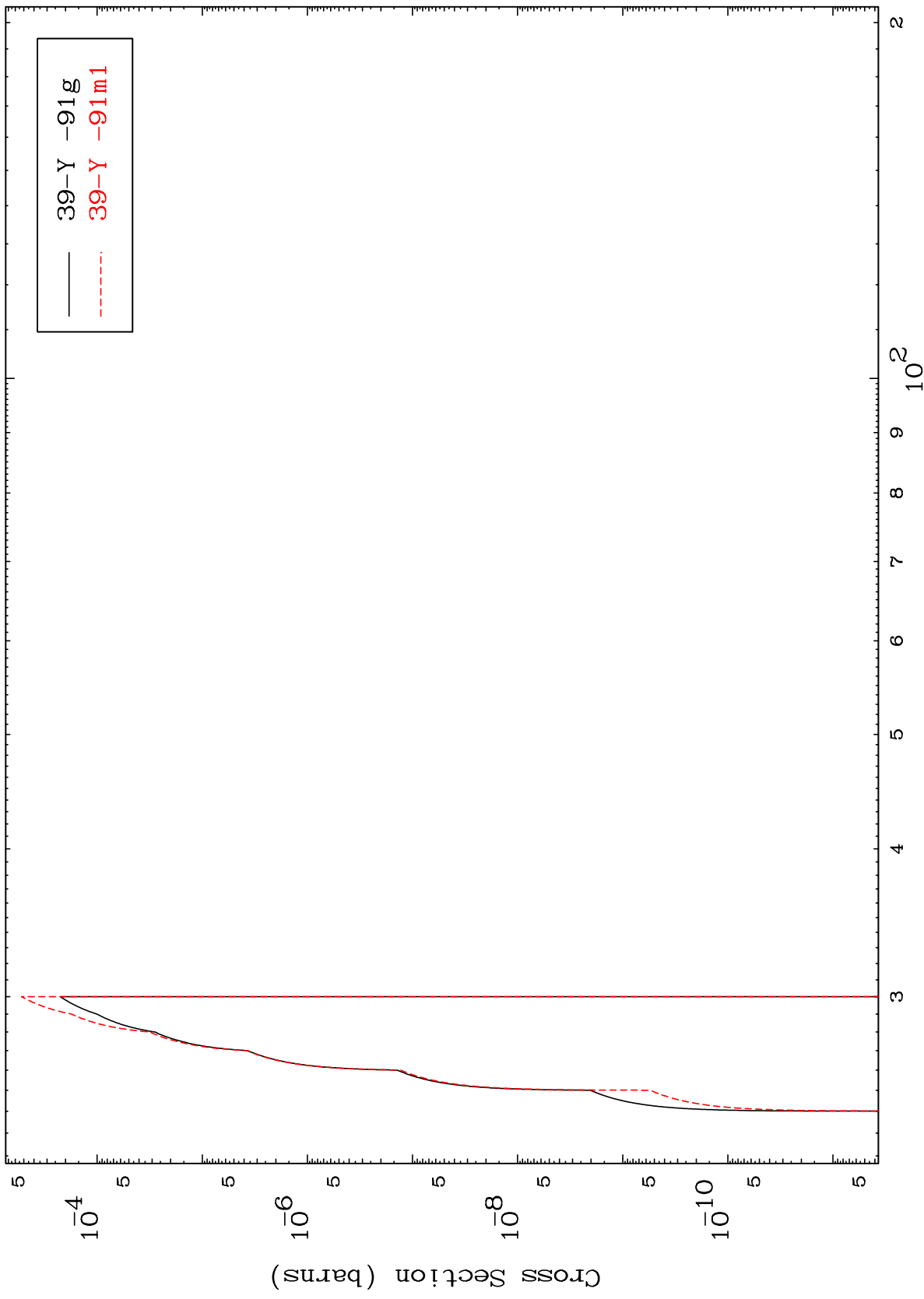


MAT 4037

(n,2n) d

40-Zr-94

Radionuclide Production Cross Section

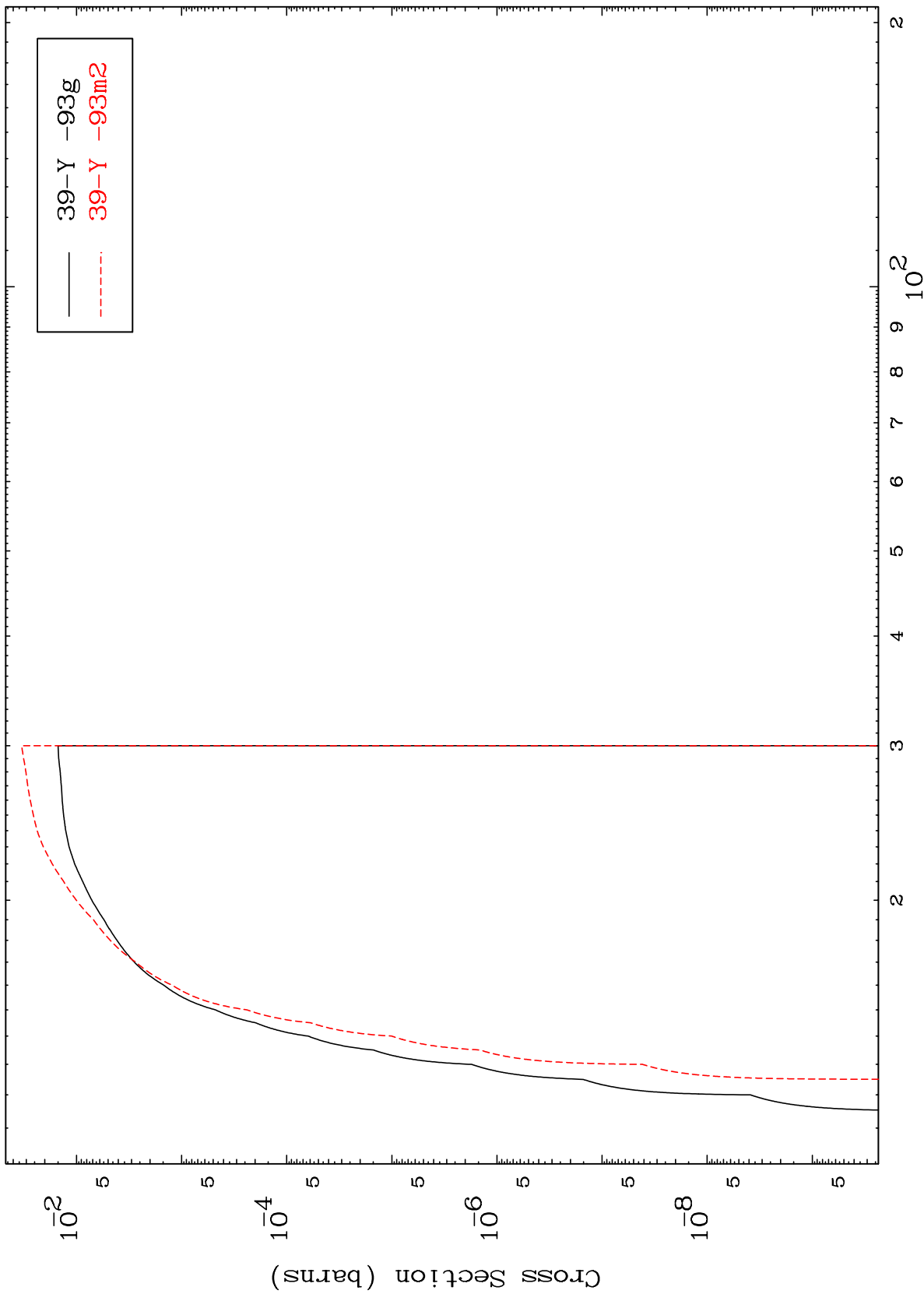


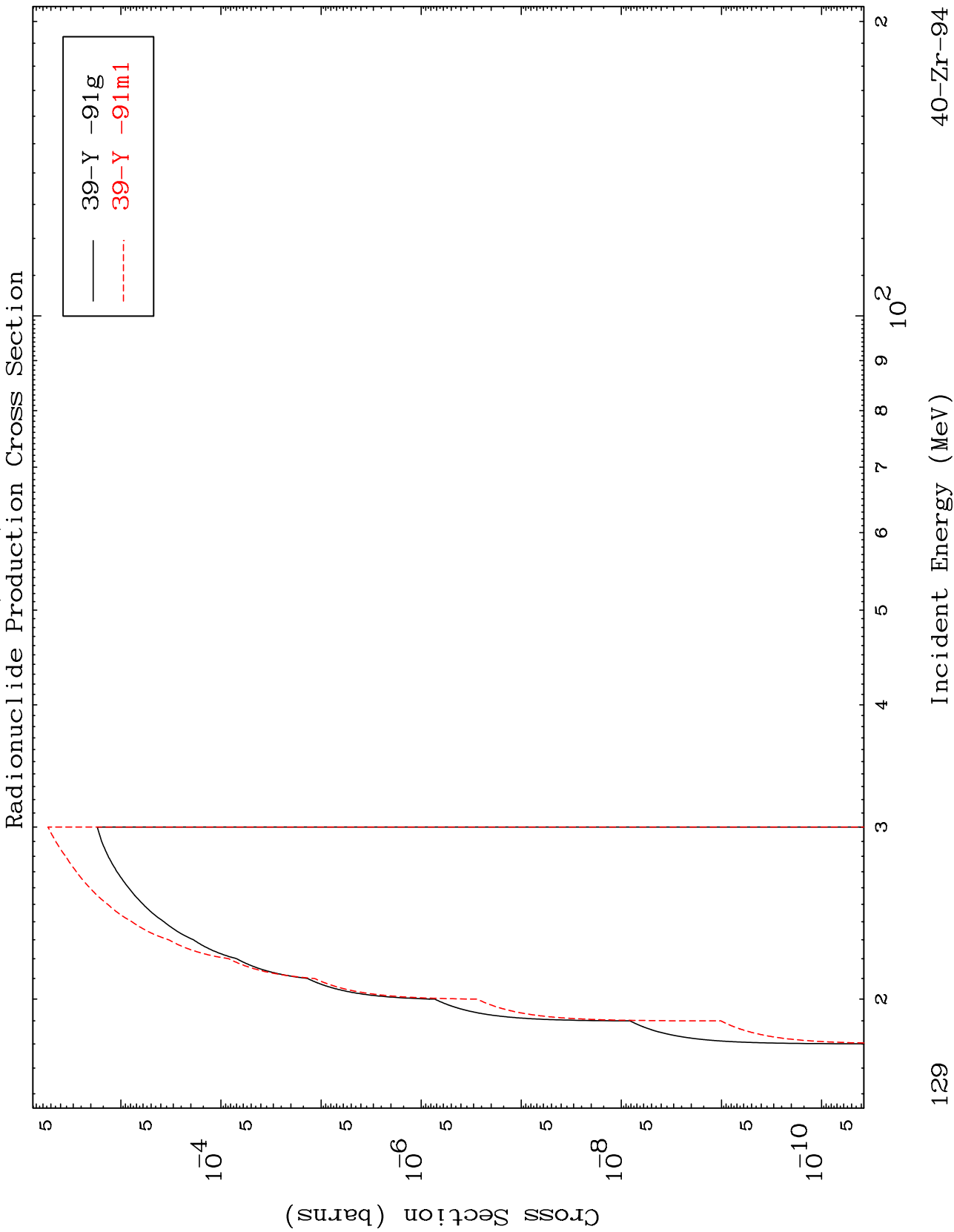
127

Incident Energy (MeV)

40-Zr-94

Radionuclide Production Cross Section

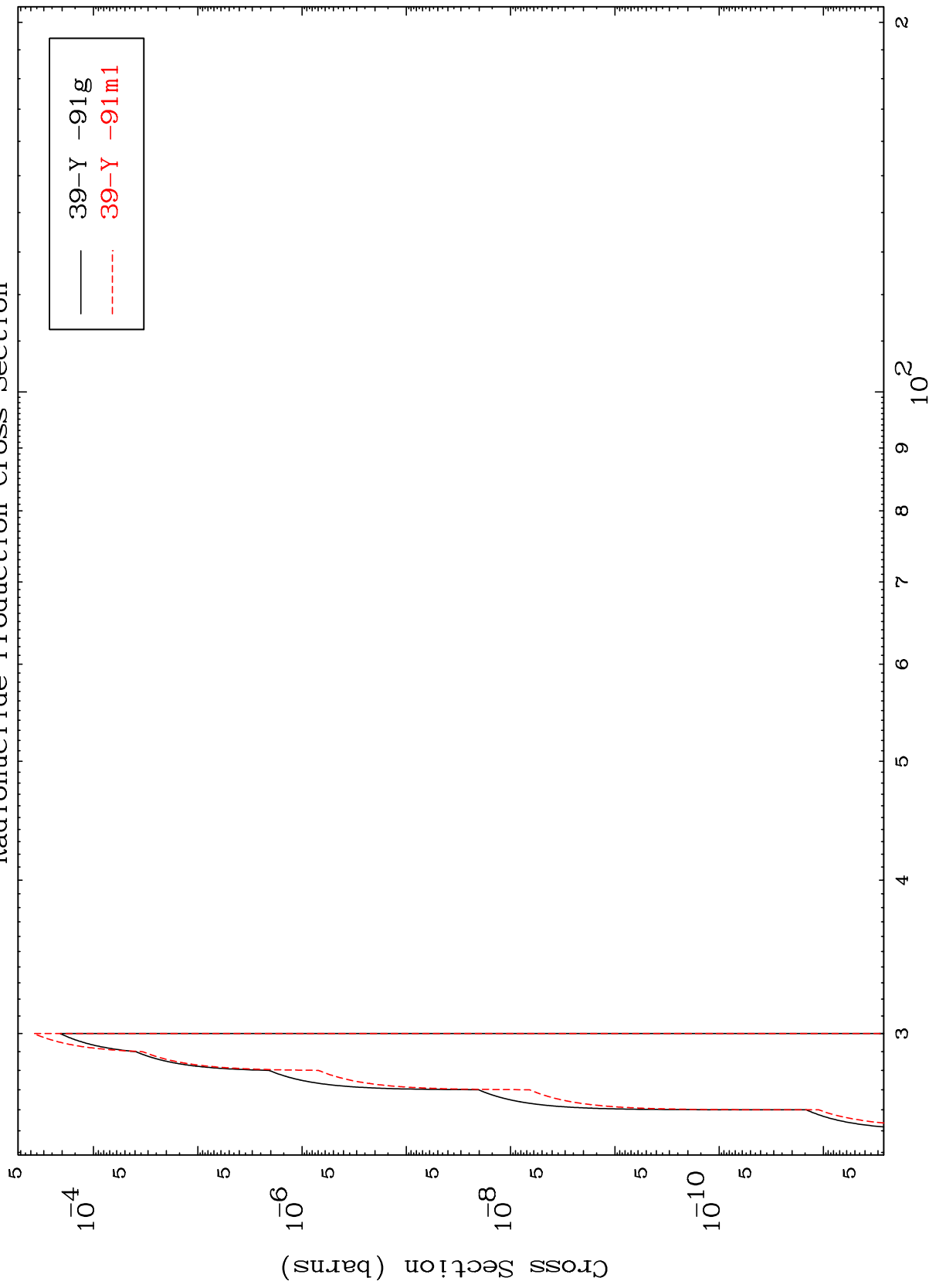




MAT 4037

40-Zr-94

(n,3n) p
Radionuclide Production Cross Section



40-Zr-94

Incident Energy (MeV)

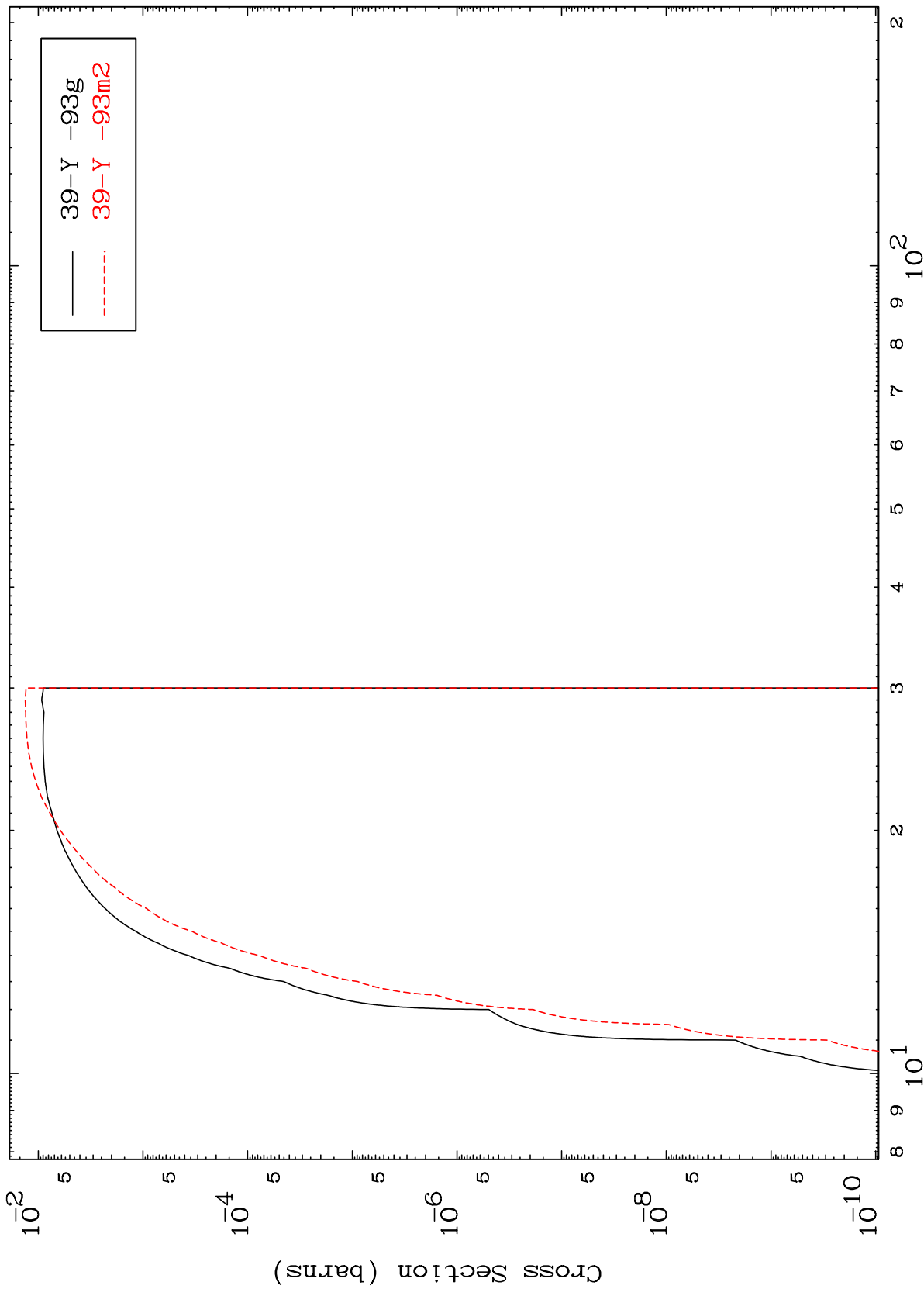
130

MAT 4037

(n,d)

40-Zr-94

Radionuclide Production Cross Section



131

Incident Energy (MeV)

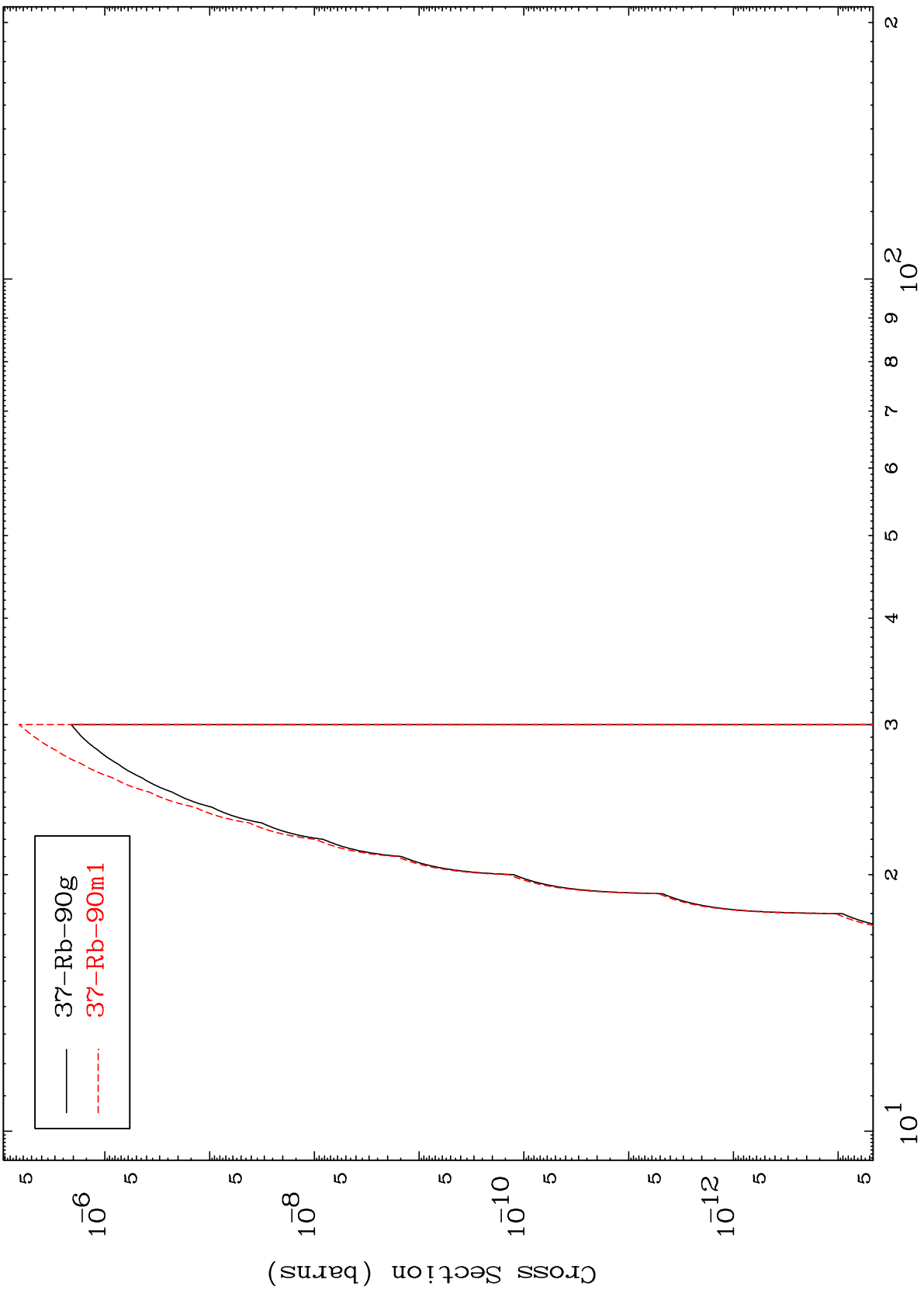
40-Zr-94

MAT 4037

(n,p) α

40-Zr-94

Radionuclide Production Cross Section



Incident Energy (MeV)

40-Zr-94

132