

Program EVALPLOT
(Version 2021-1)

by

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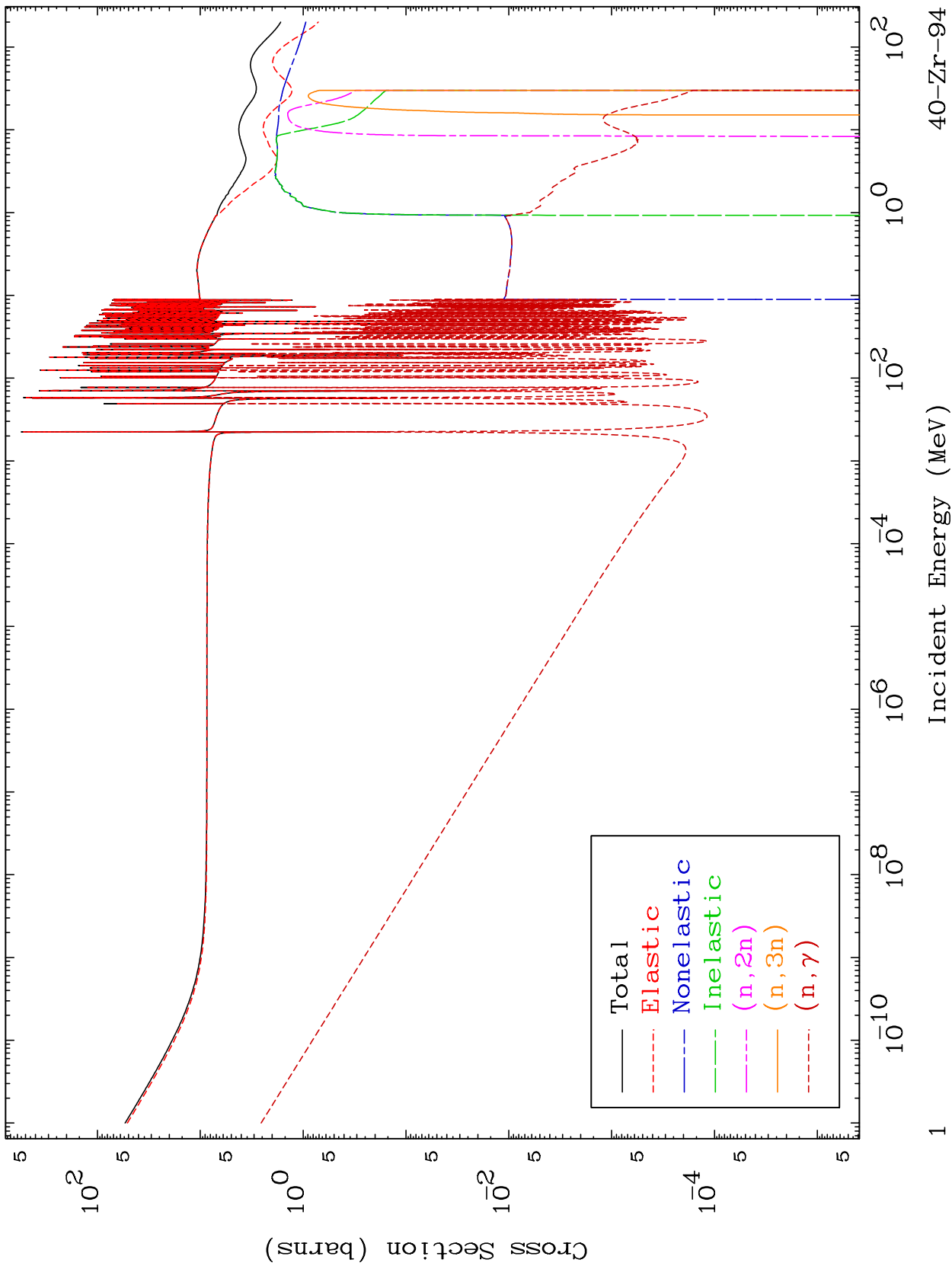
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4037

Neutron Major
293 Kelvin Cross Sections

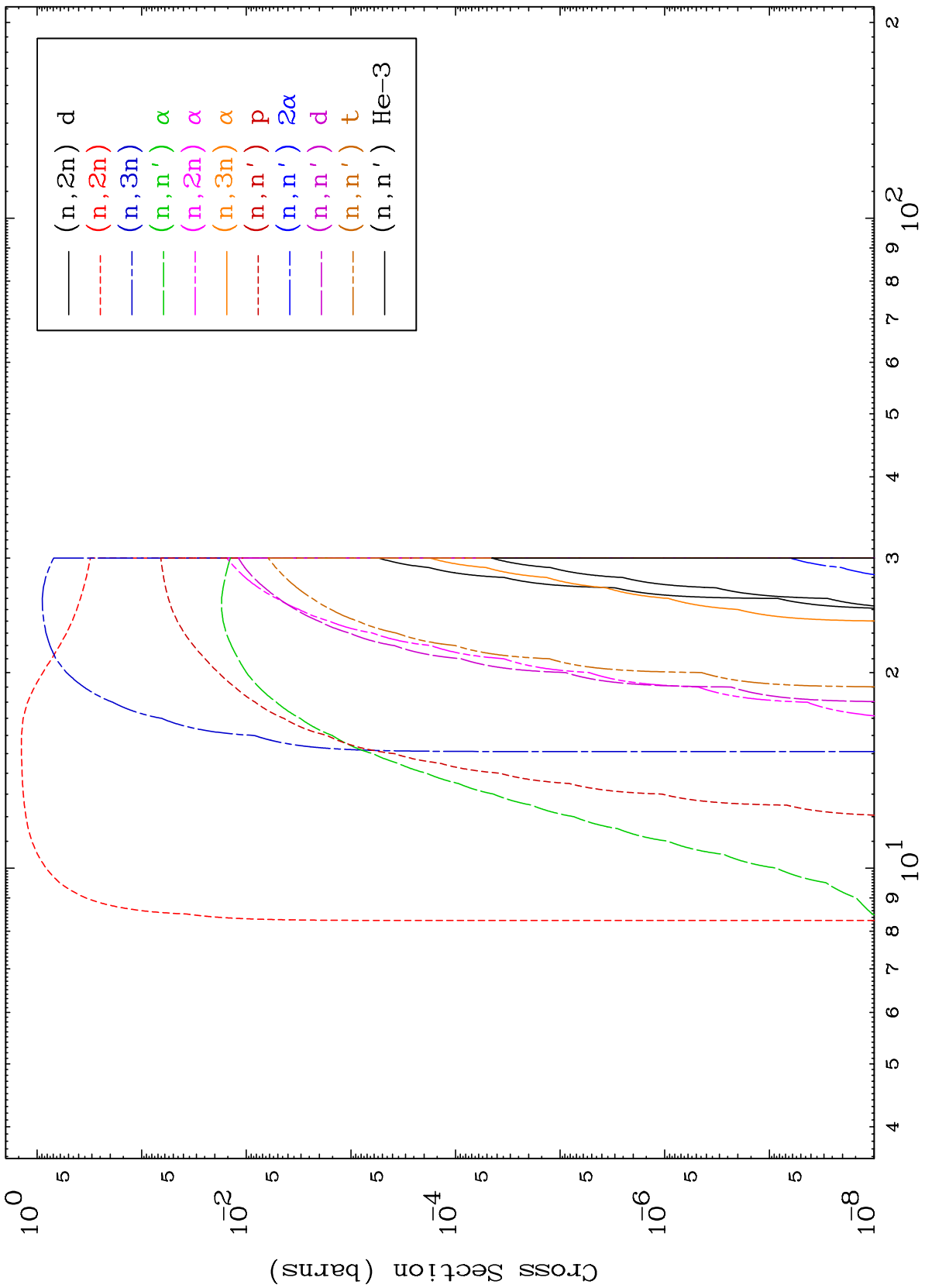
40-Zr-94



MAT 4037

Neutron Absorption
293 Kelvin Cross Sections

40-Zr-94



2

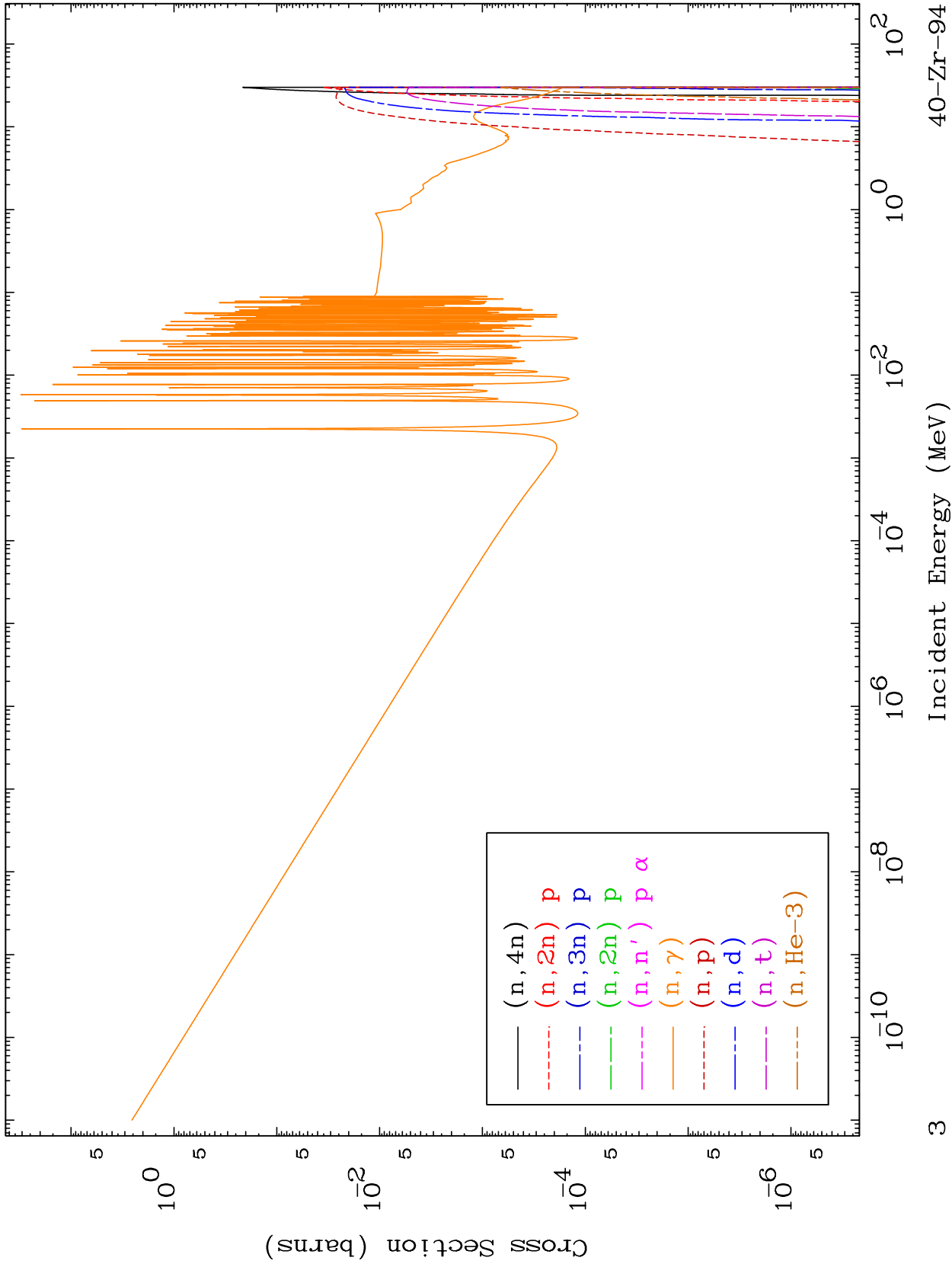
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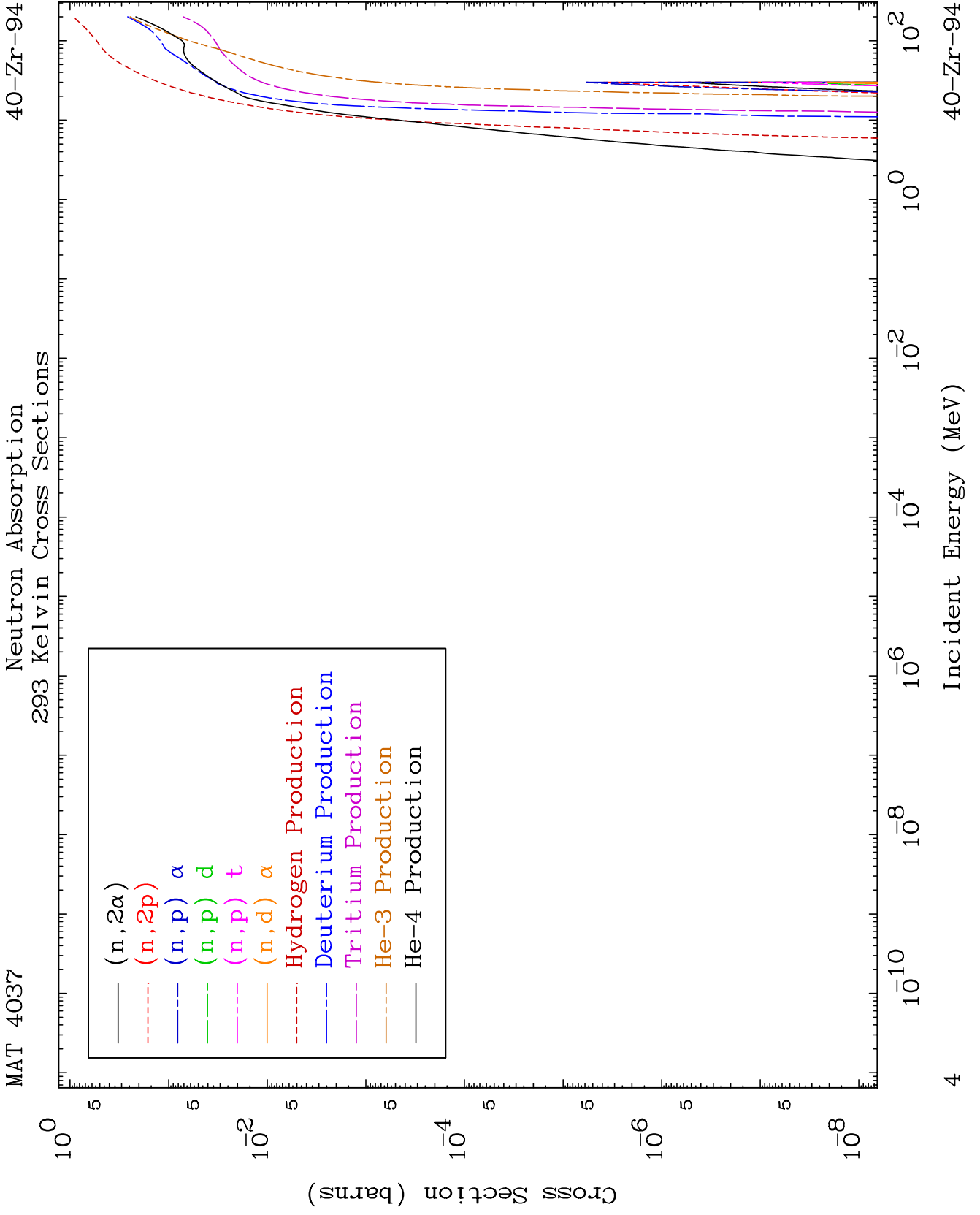
40-Zr-94

MAT 4037

Neutron Absorption
293 Kelvin Cross Sections

40-Zr-94

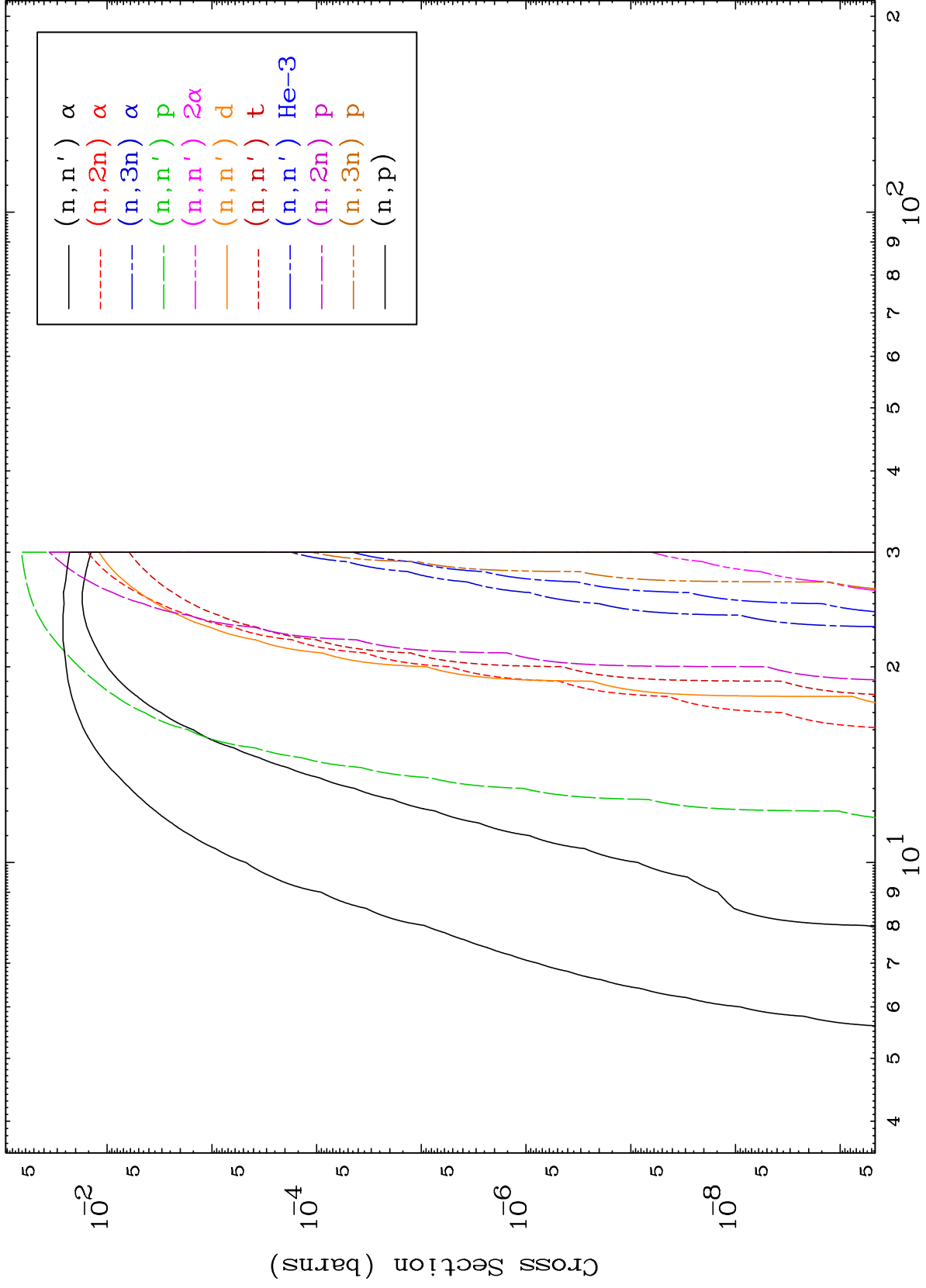




MAT 4037

Charged Particle
293 Kelvin Cross Sections

40-Zr-94



5

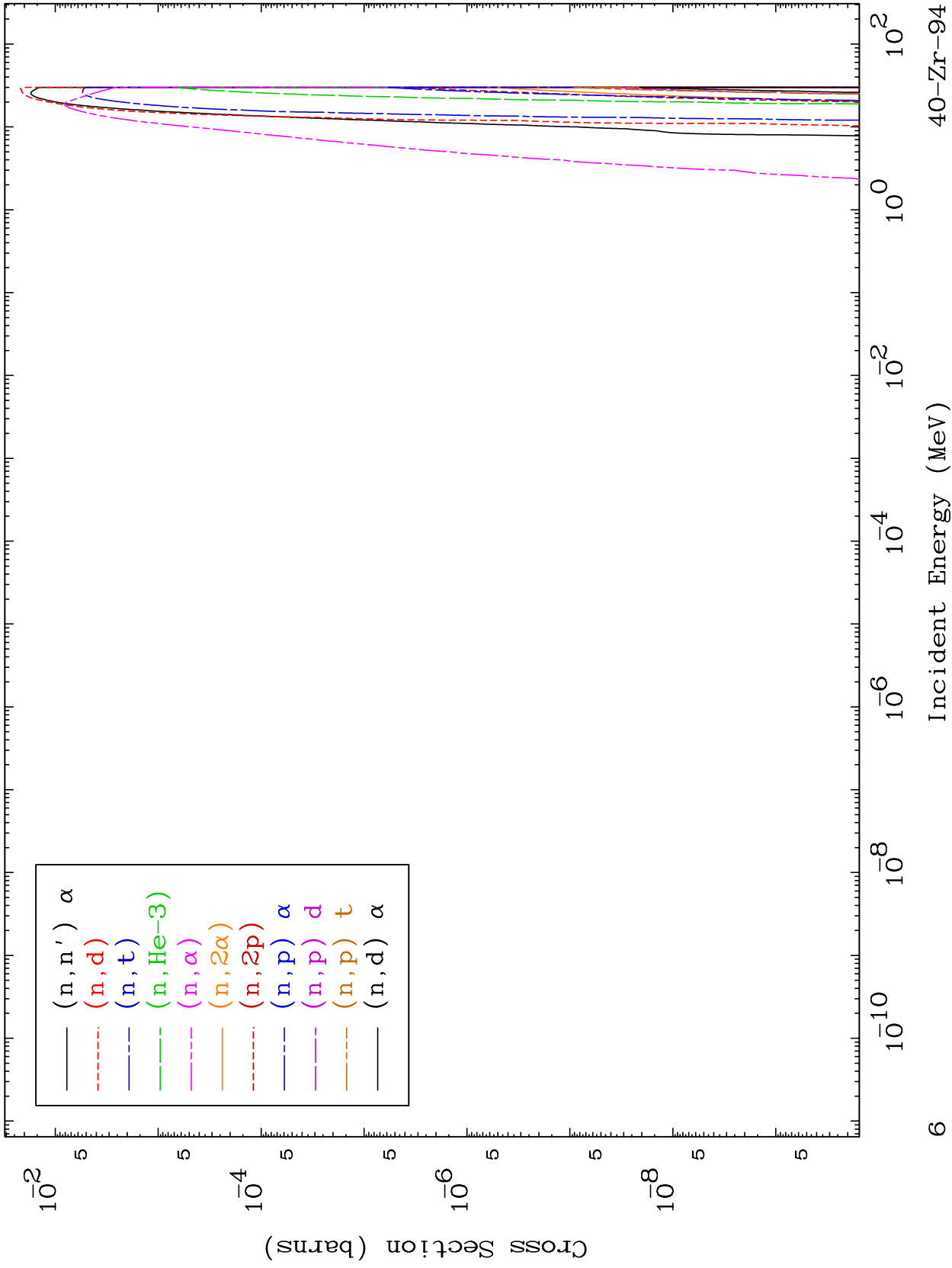
Incident Energy (MeV)

40-Zr-94

MAT 4037

Charged Particle
293 Kelvin Cross Sections

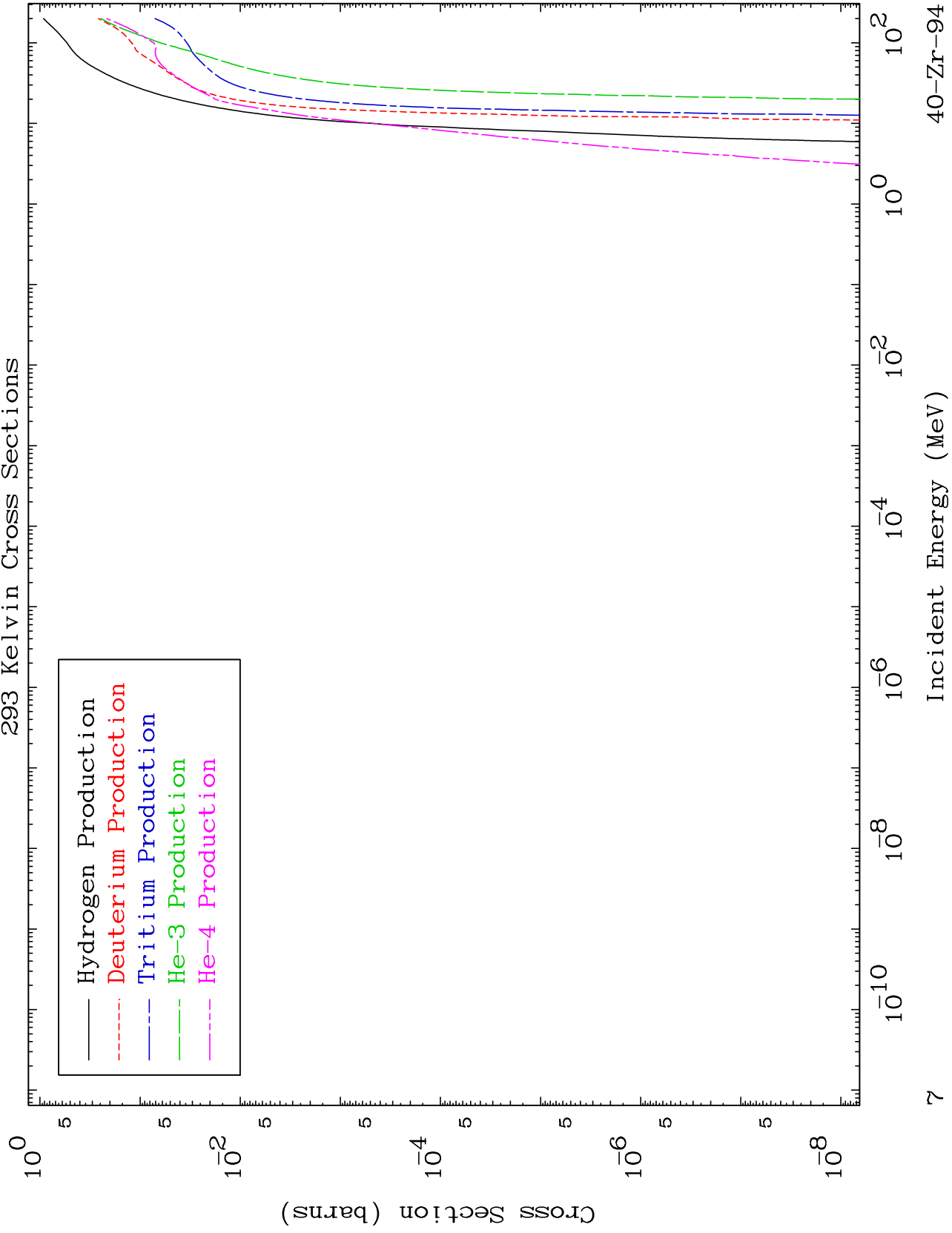
40-Zr-94



MAT 4037

Particle Production
293 Kelvin Cross Sections

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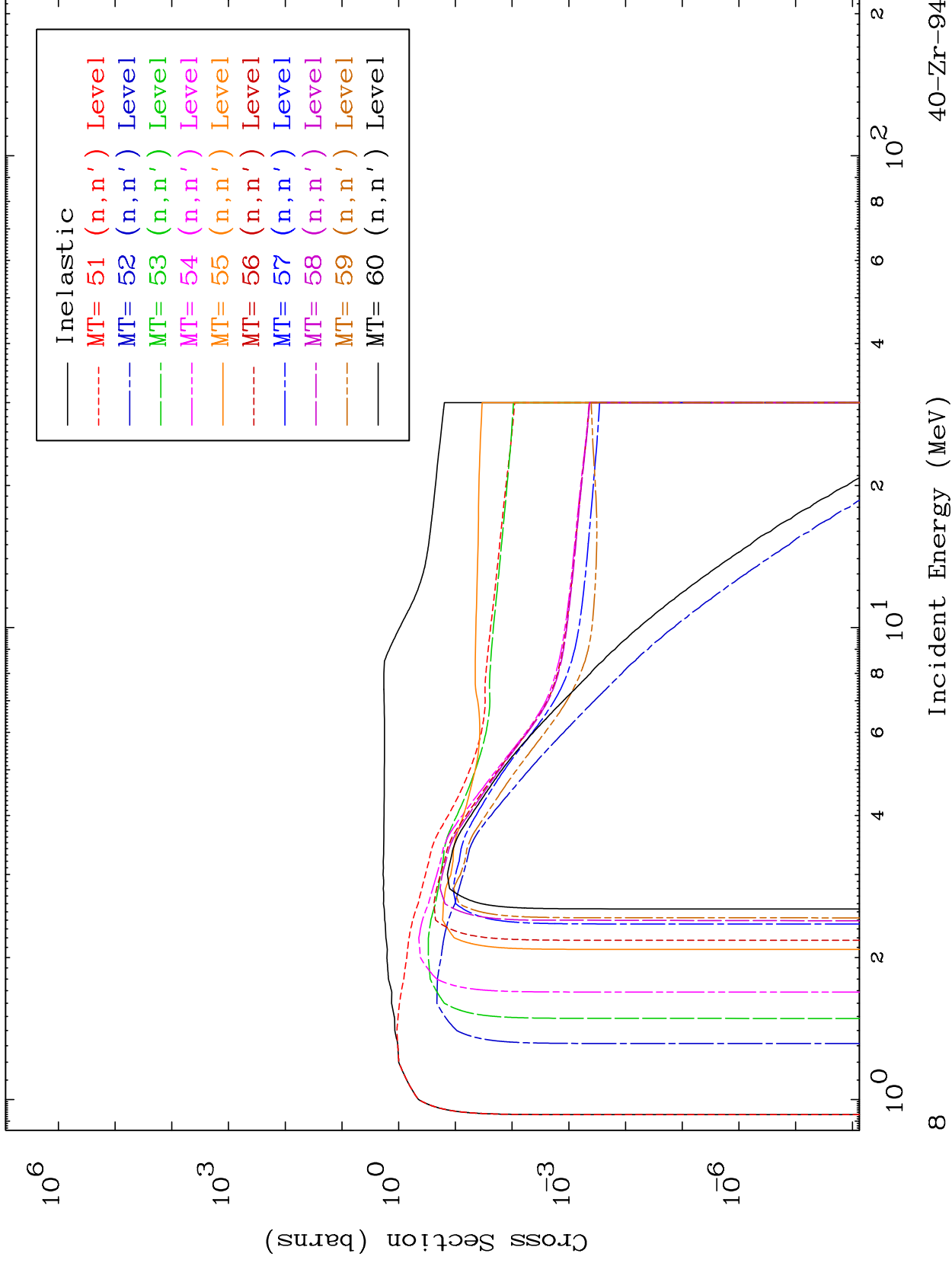


MAT 4037

(n,n') Levels

293 Kelvin Cross Sections

40-Zr-94

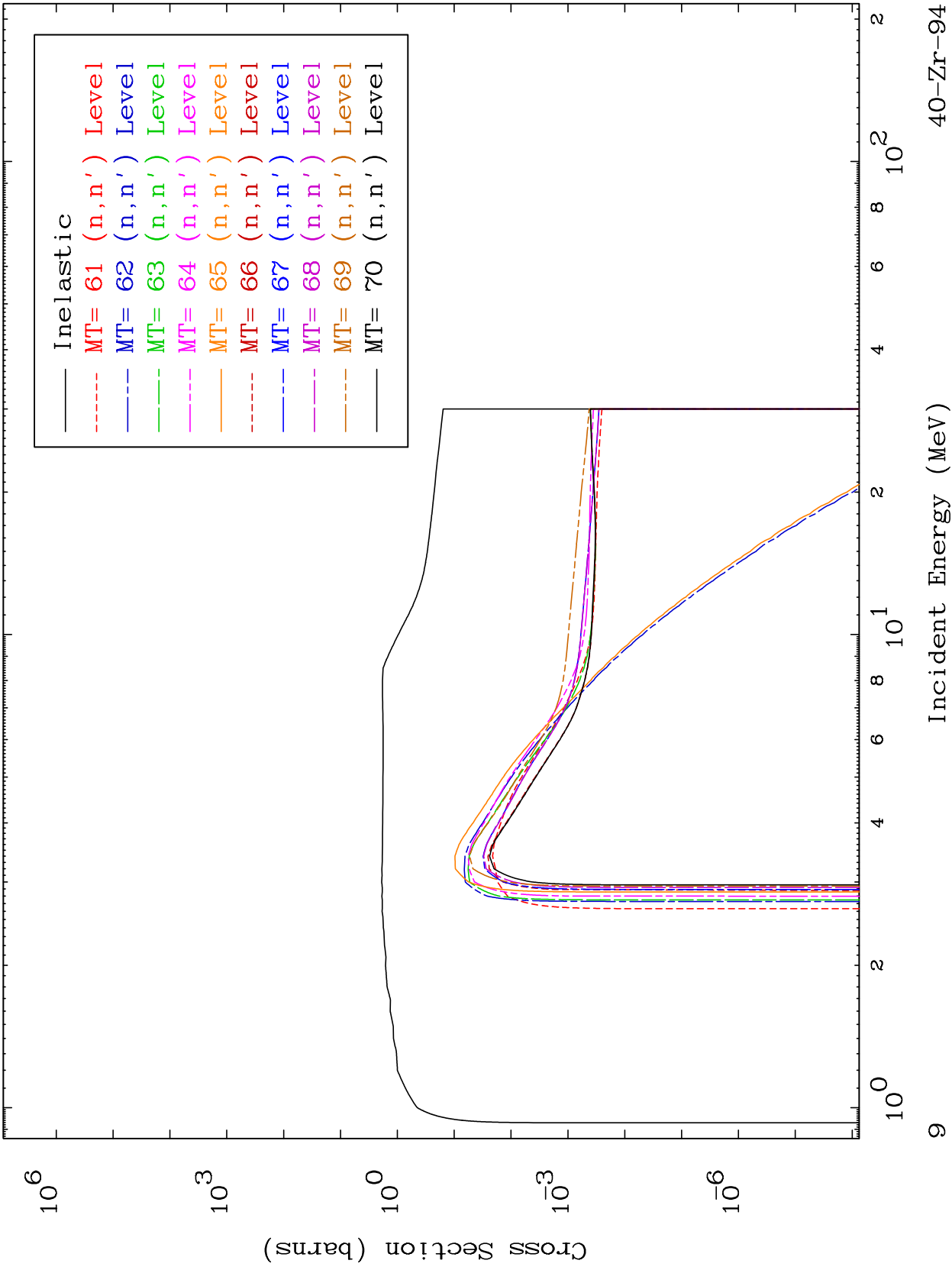


MAT 4037

(n,n') Levels

40-Zr-94

293 Kelvin Cross Sections



Incident Energy (MeV)

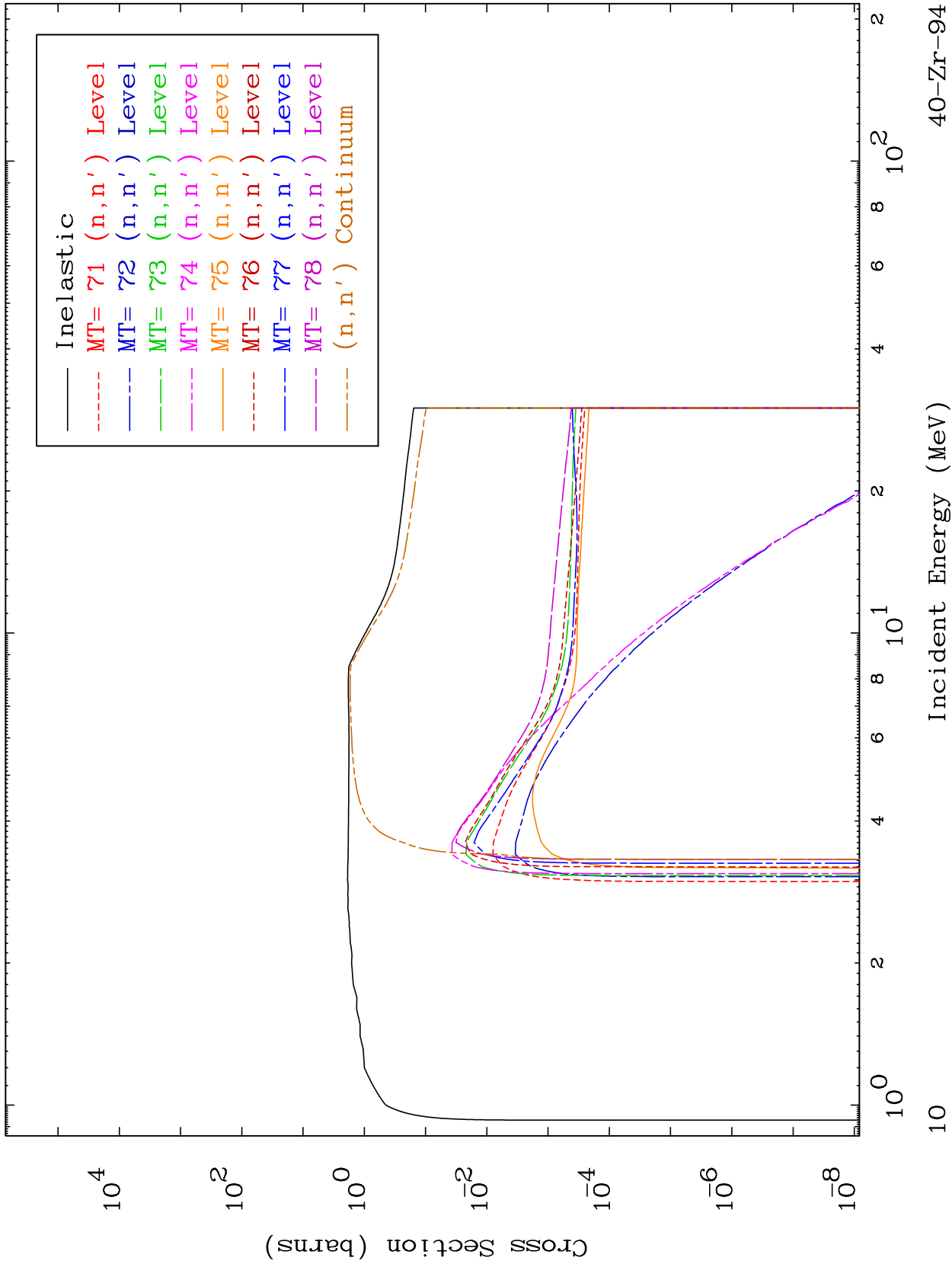
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MAT 4037

(n,n') Levels

293 Kelvin Cross Sections

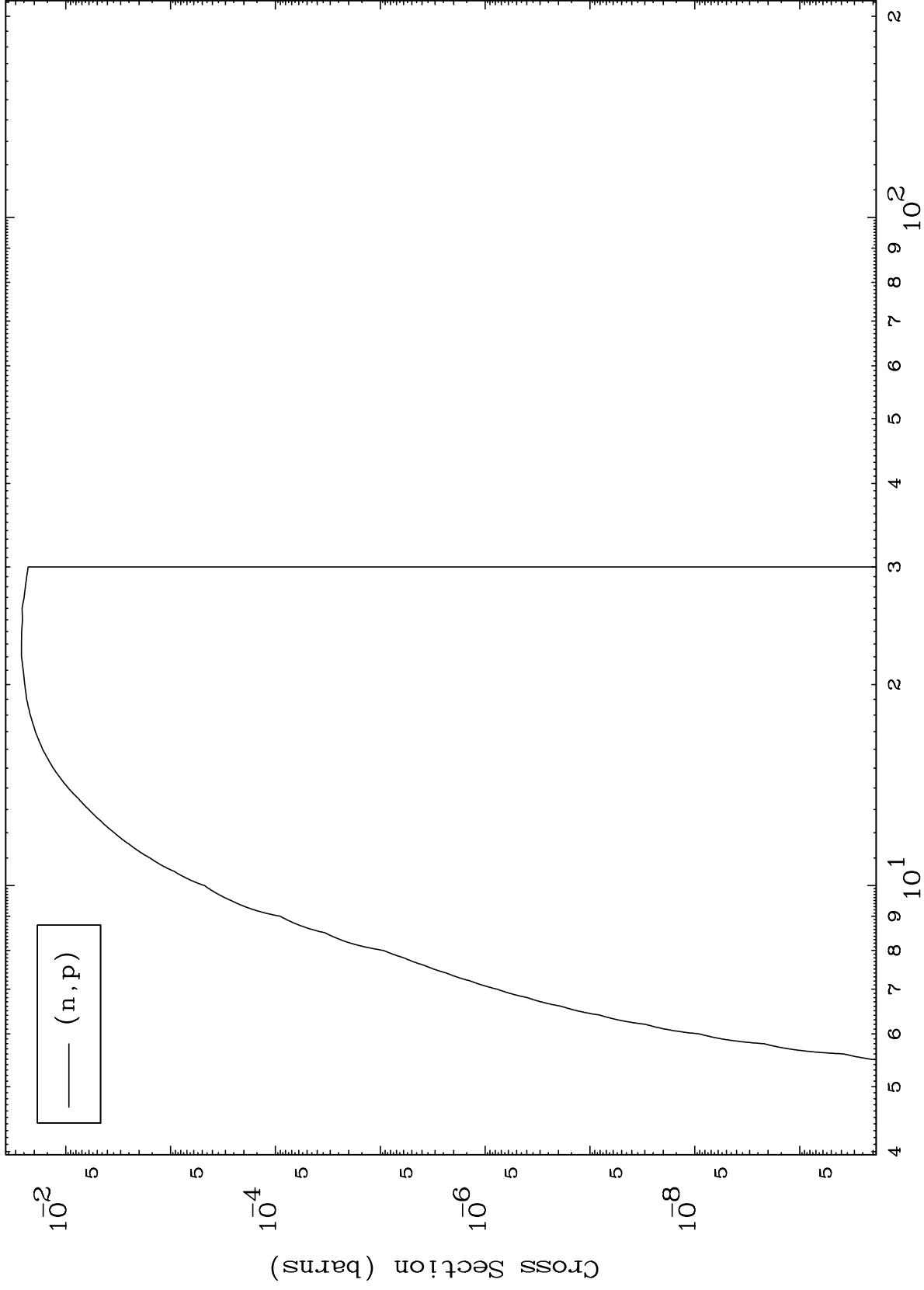
40-Zr-94



MAT 4037

(n,p) Levels
293 Kelvin Cross Sections

40-Zr-94



11

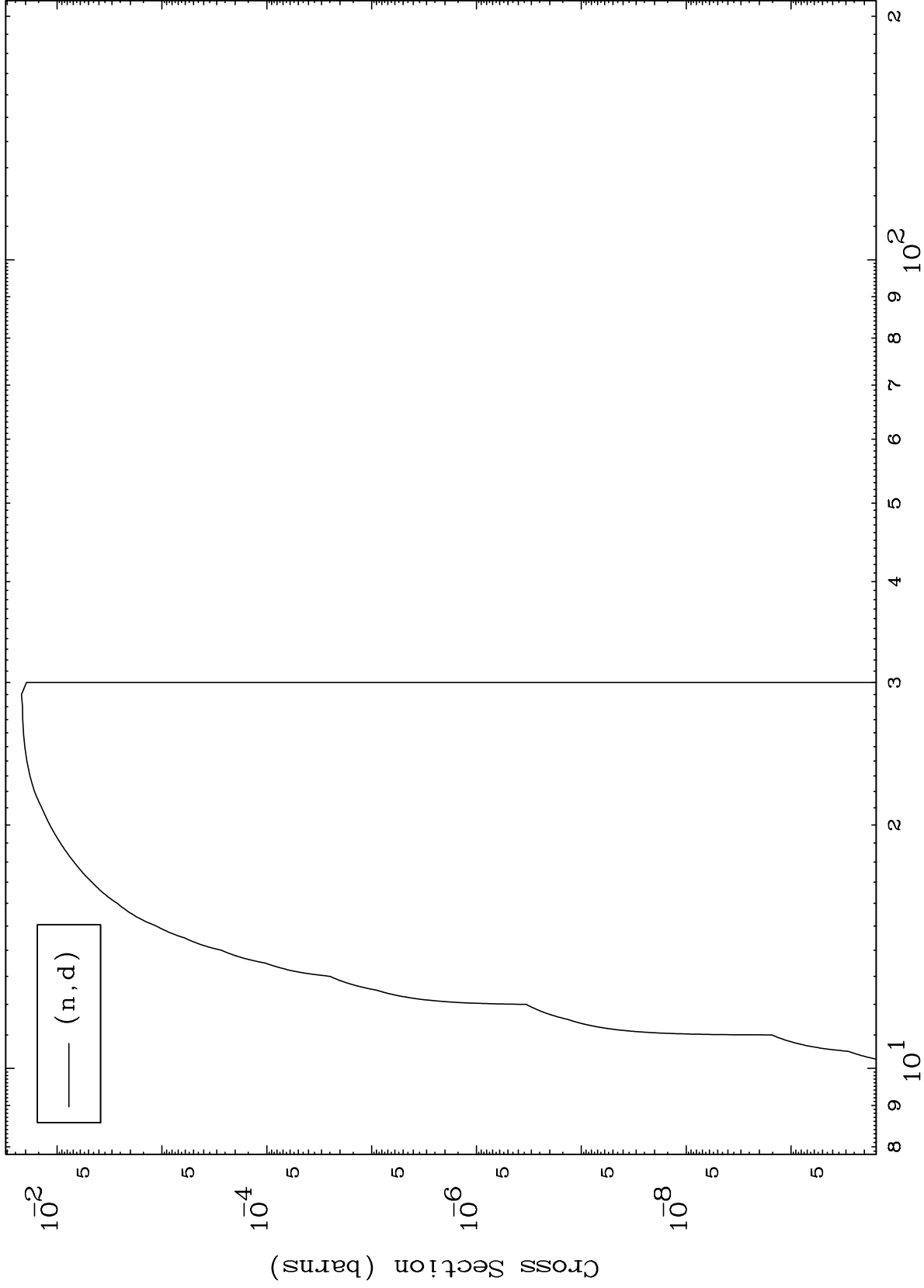
40-Zr-94

40-Zr-94

MAT 4037

(n,d) Levels
293 Kelvin Cross Sections

40-Zr-94



12

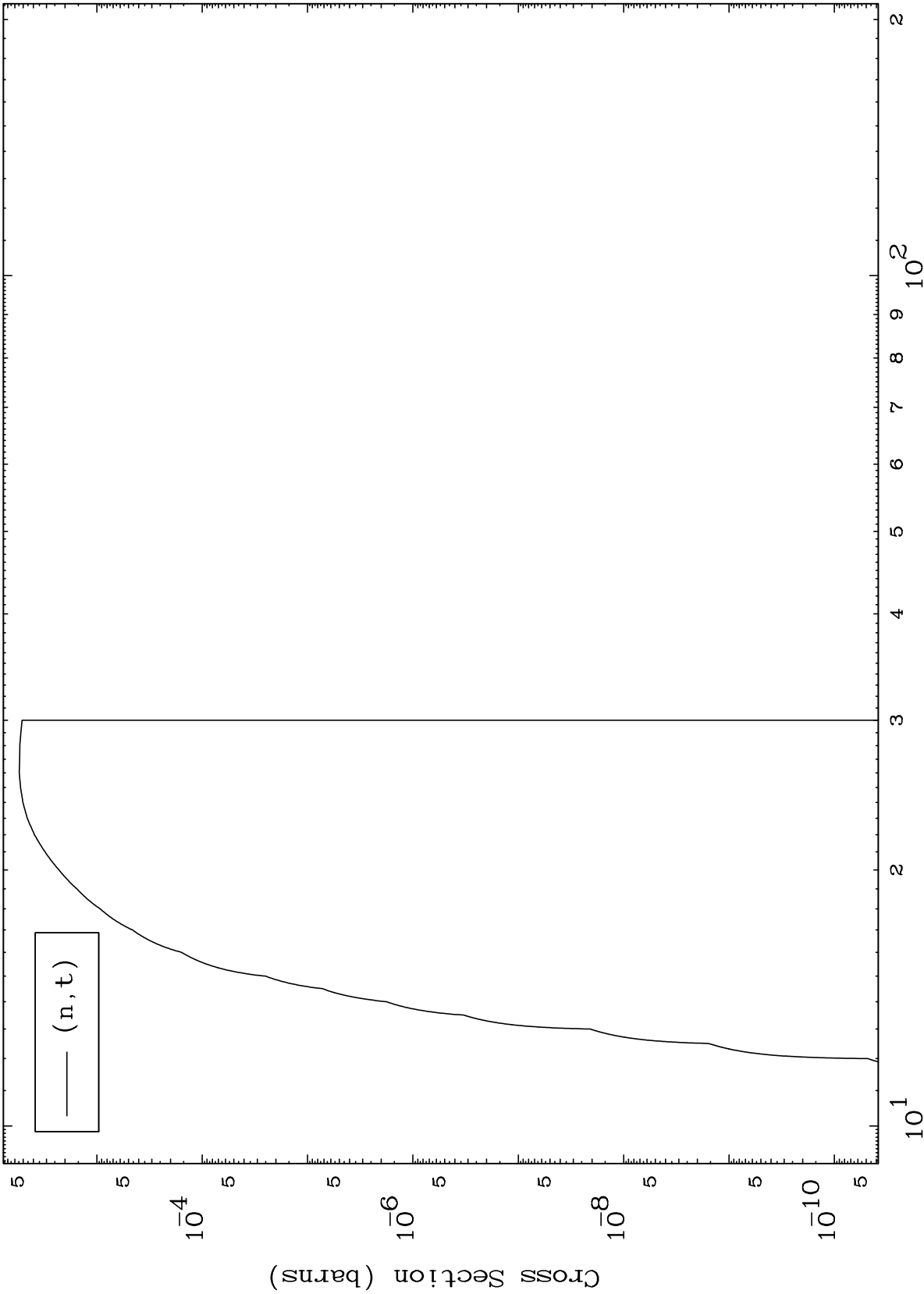
Incident Energy (MeV)

40-Zr-94

MAT 4037

(n,t) Levels
293 Kelvin Cross Sections

40-Zr-94



13

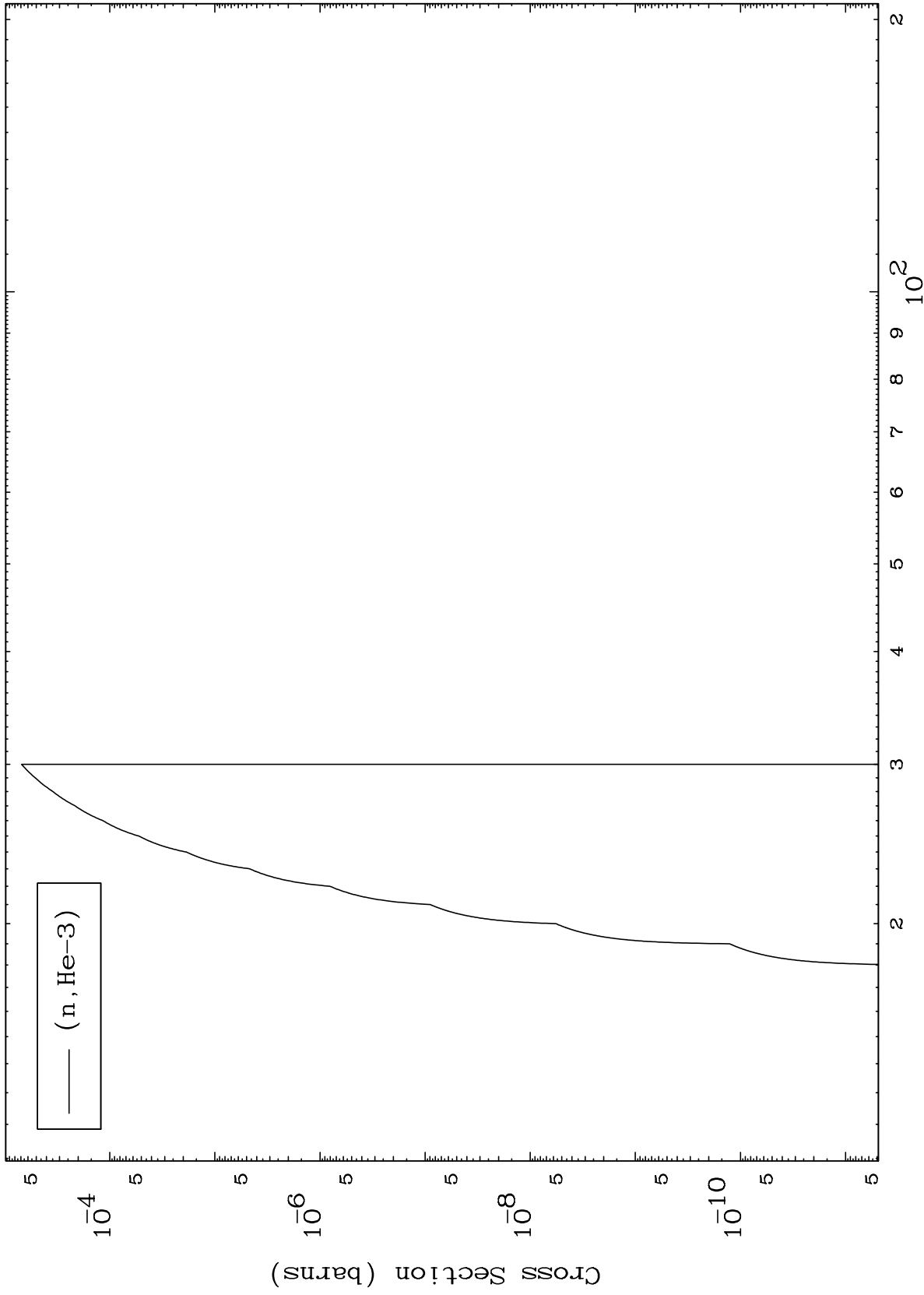
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40-Zr-94

MAT 4037

(n,He3) Levels
293 Kelvin Cross Sections

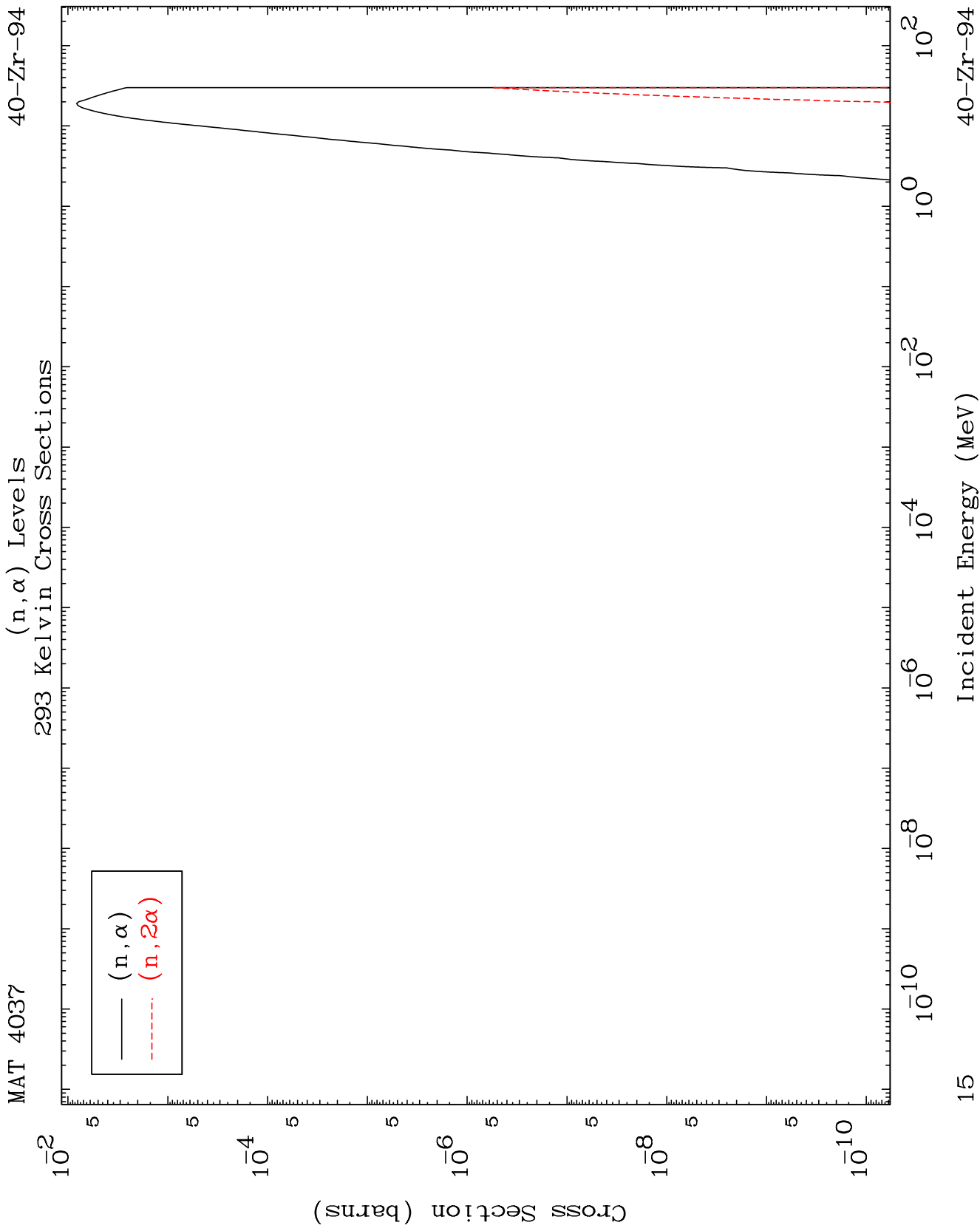
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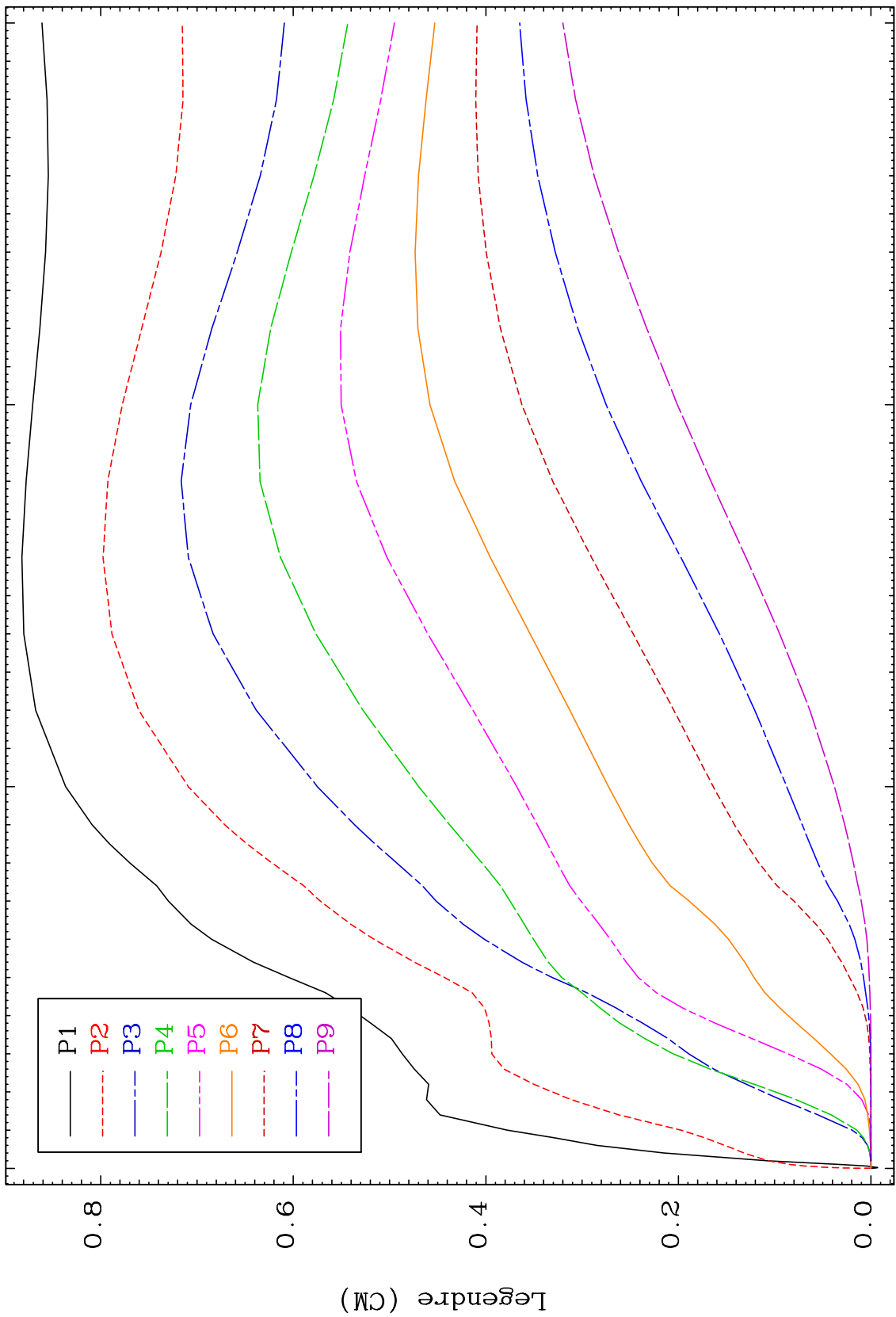
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MAT 4037

Elastic Legendre Coefficients

40-Zr-94



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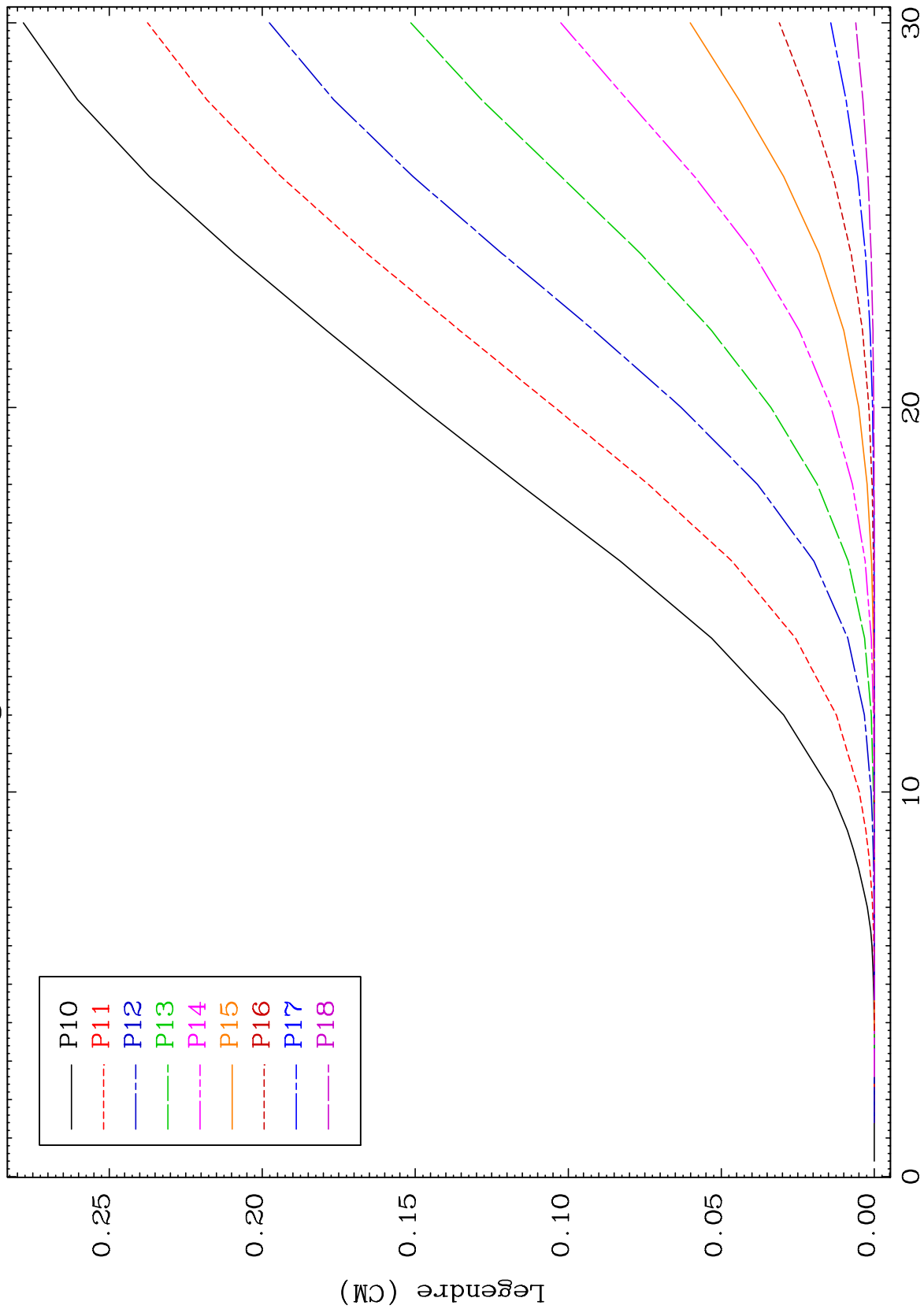
Incident Energy (MeV)

40-Zr-94

MAT 4037

Elastic Legendre Coefficients

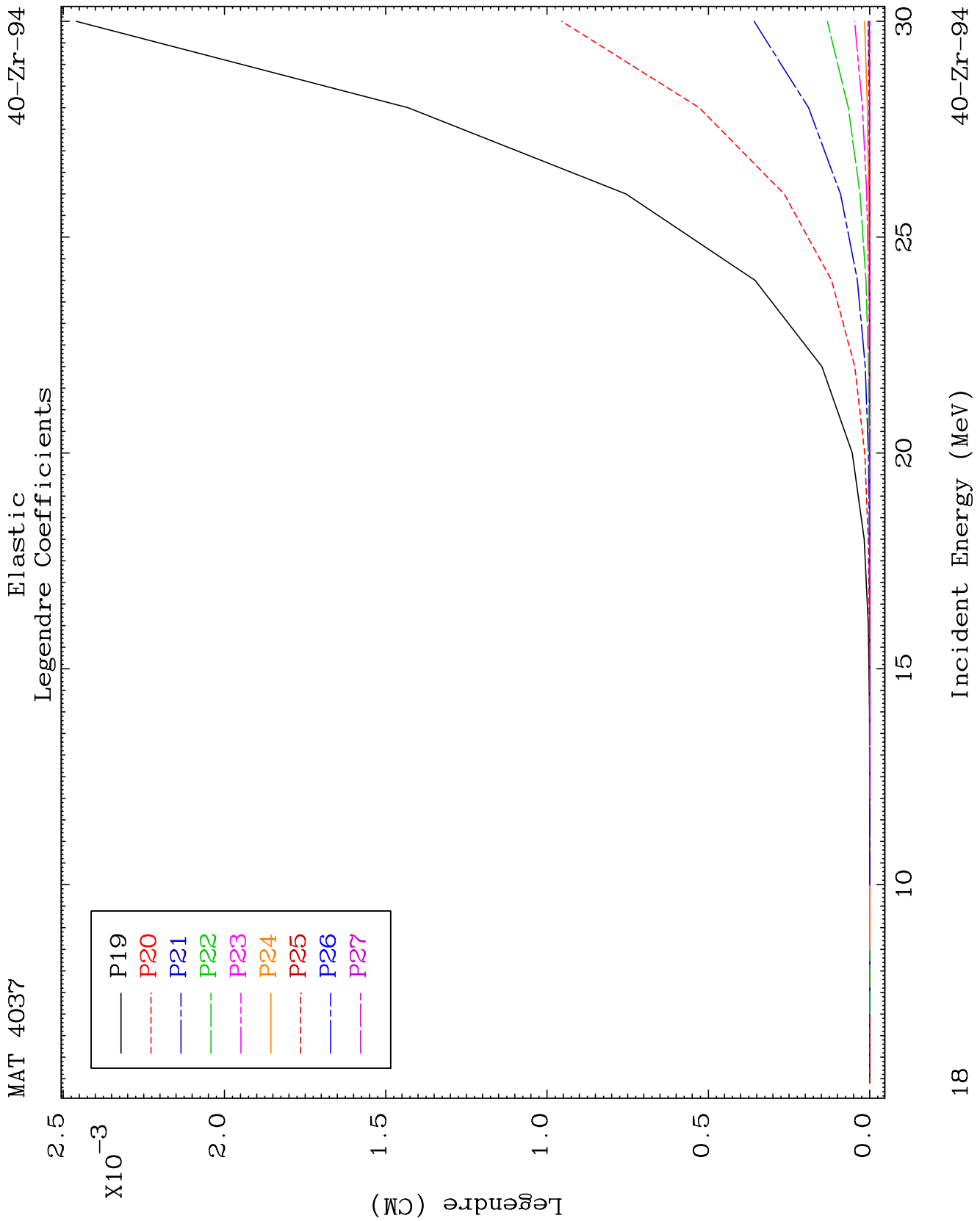
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17

Incident Energy (MeV)

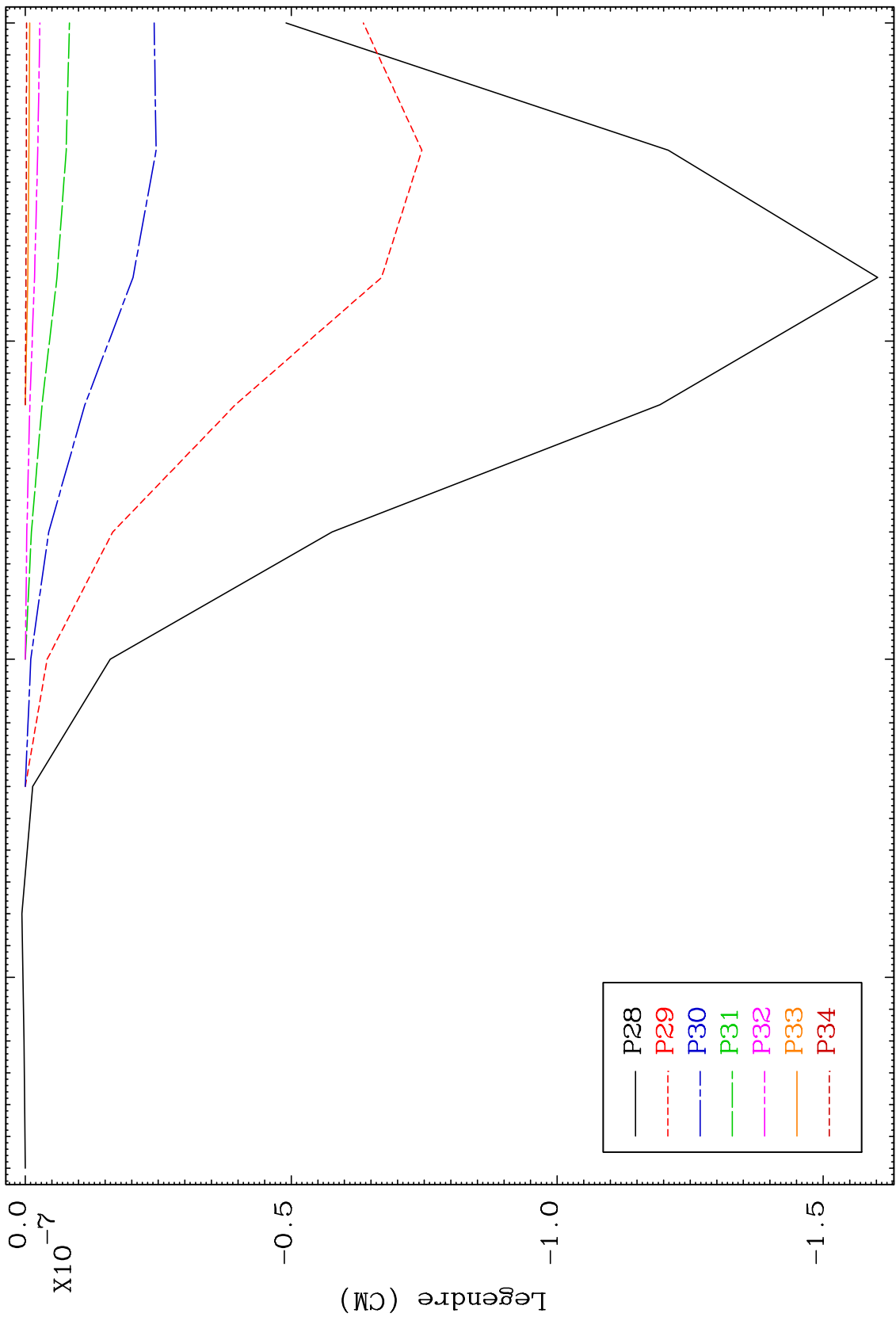
40-Zr-94



MAT 4037

40-Zr-94

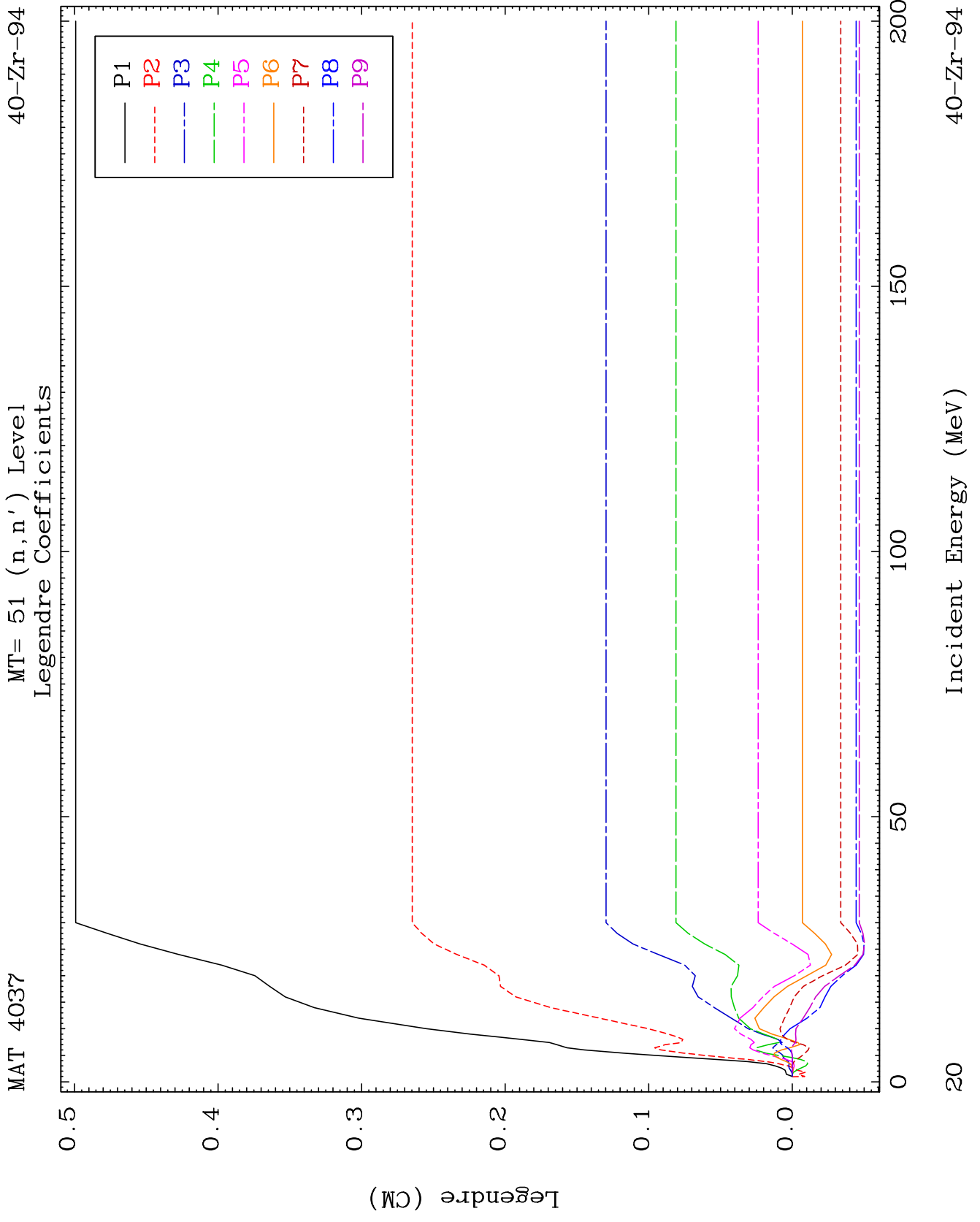
Elastic Legendre Coefficients



19

Incident Energy (MeV)

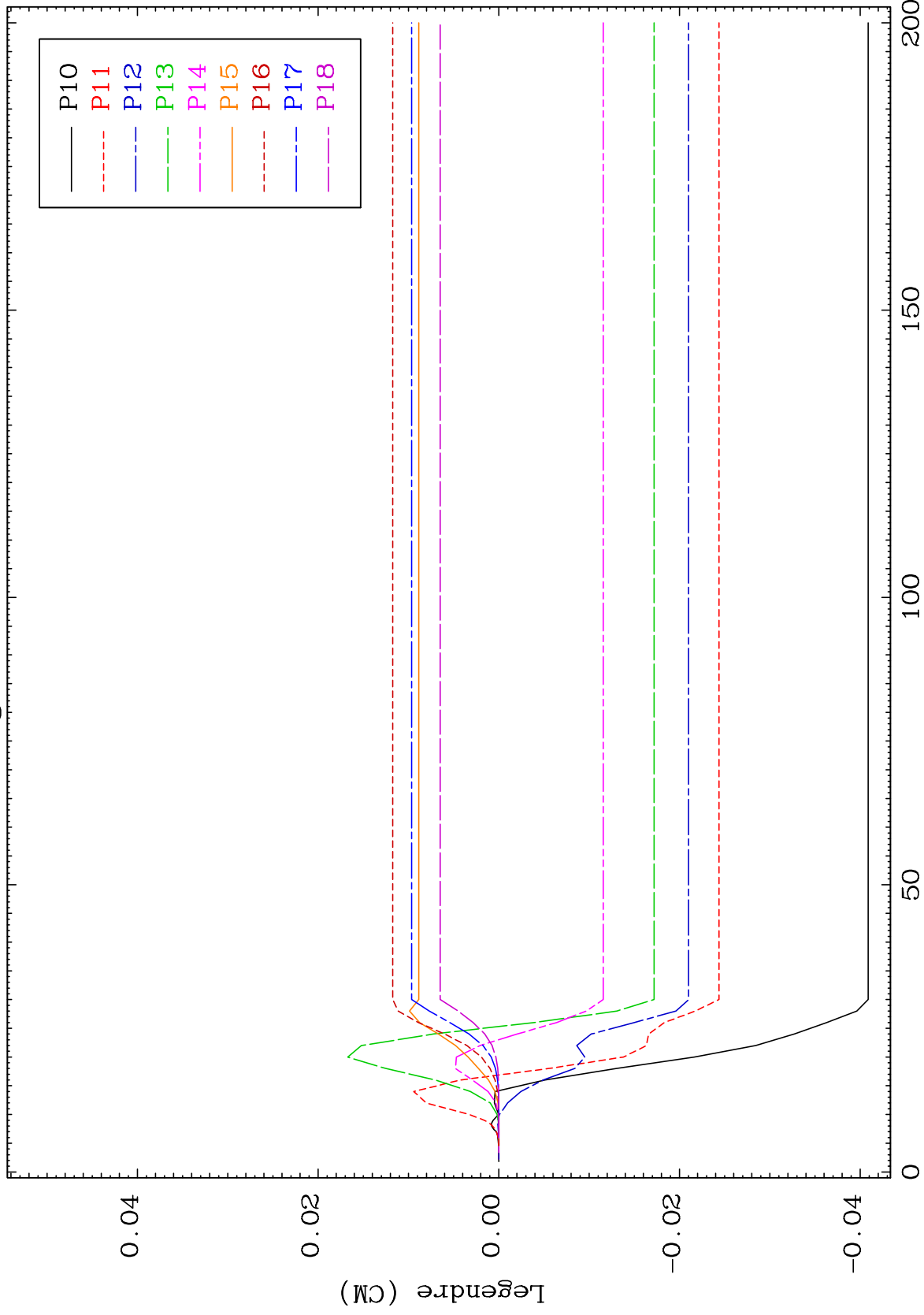
40-Zr-94



MAT 4037

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

40-Zr-94



21

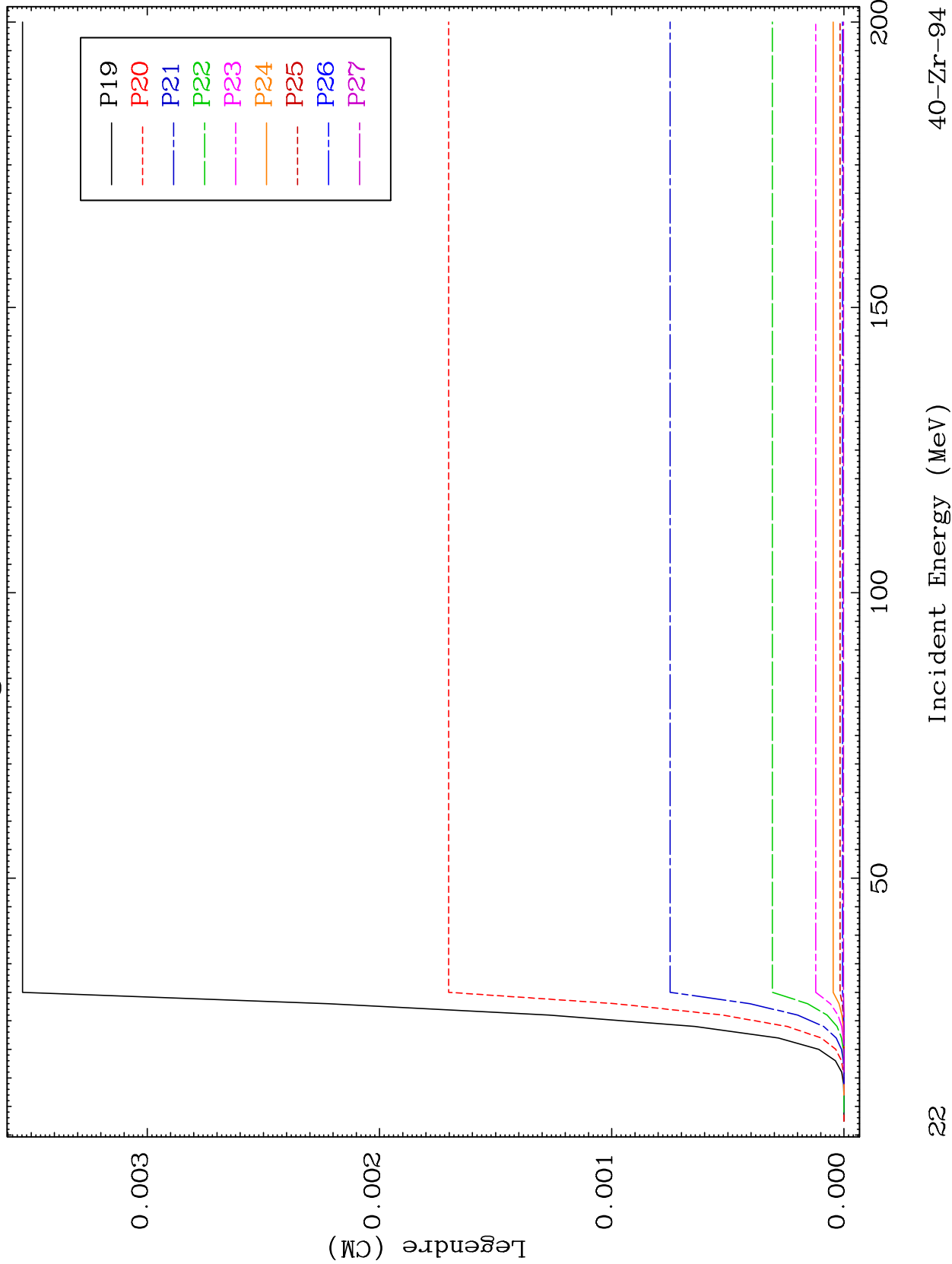
Incident Energy (MeV)

40-Zr-94

MAT 4037

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

40-Zr-94



22

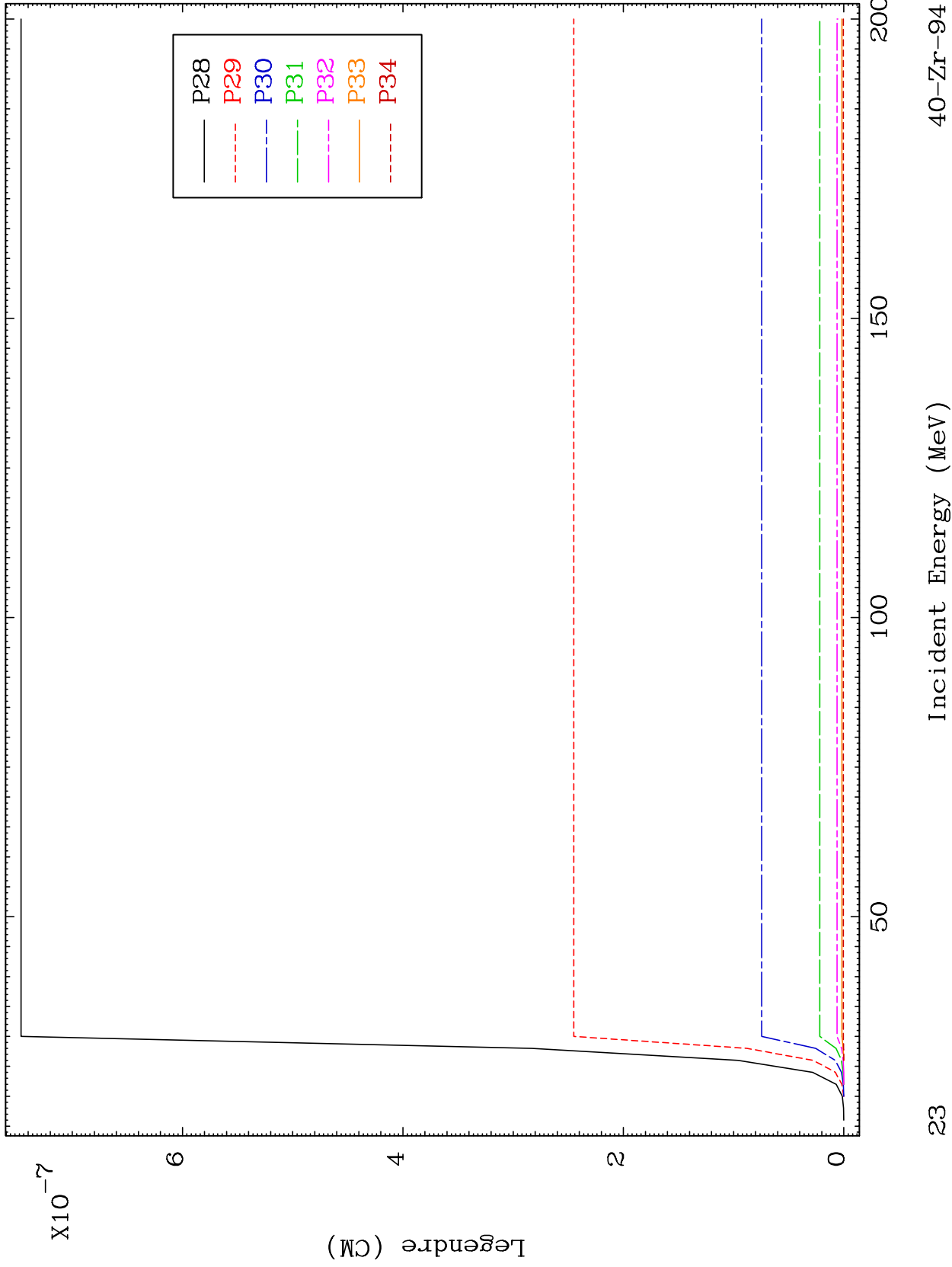
Incident Energy (MeV)

40-Zr-94

MAT 4037

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

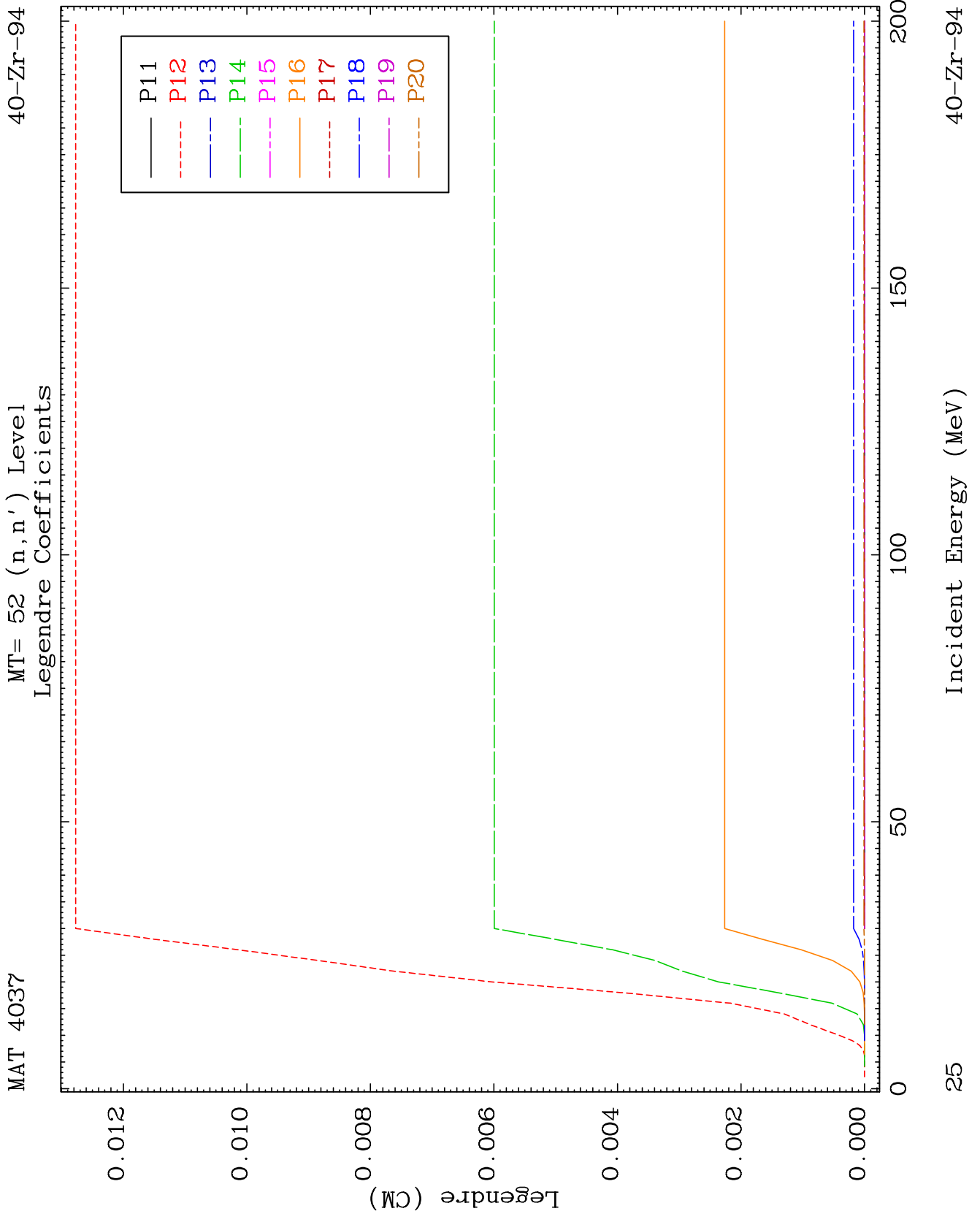
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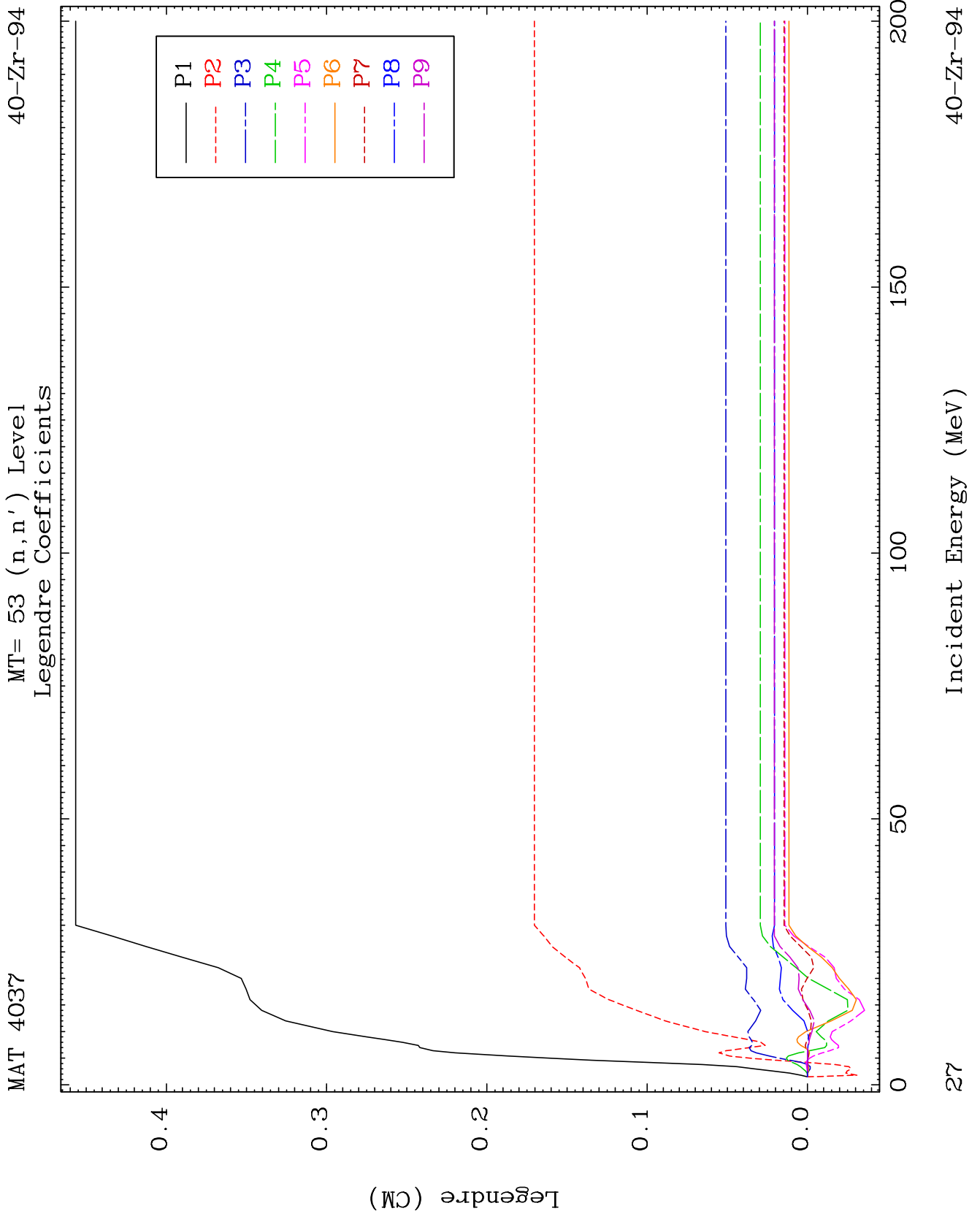


23

Incident Energy (MeV)

40-Zr-94

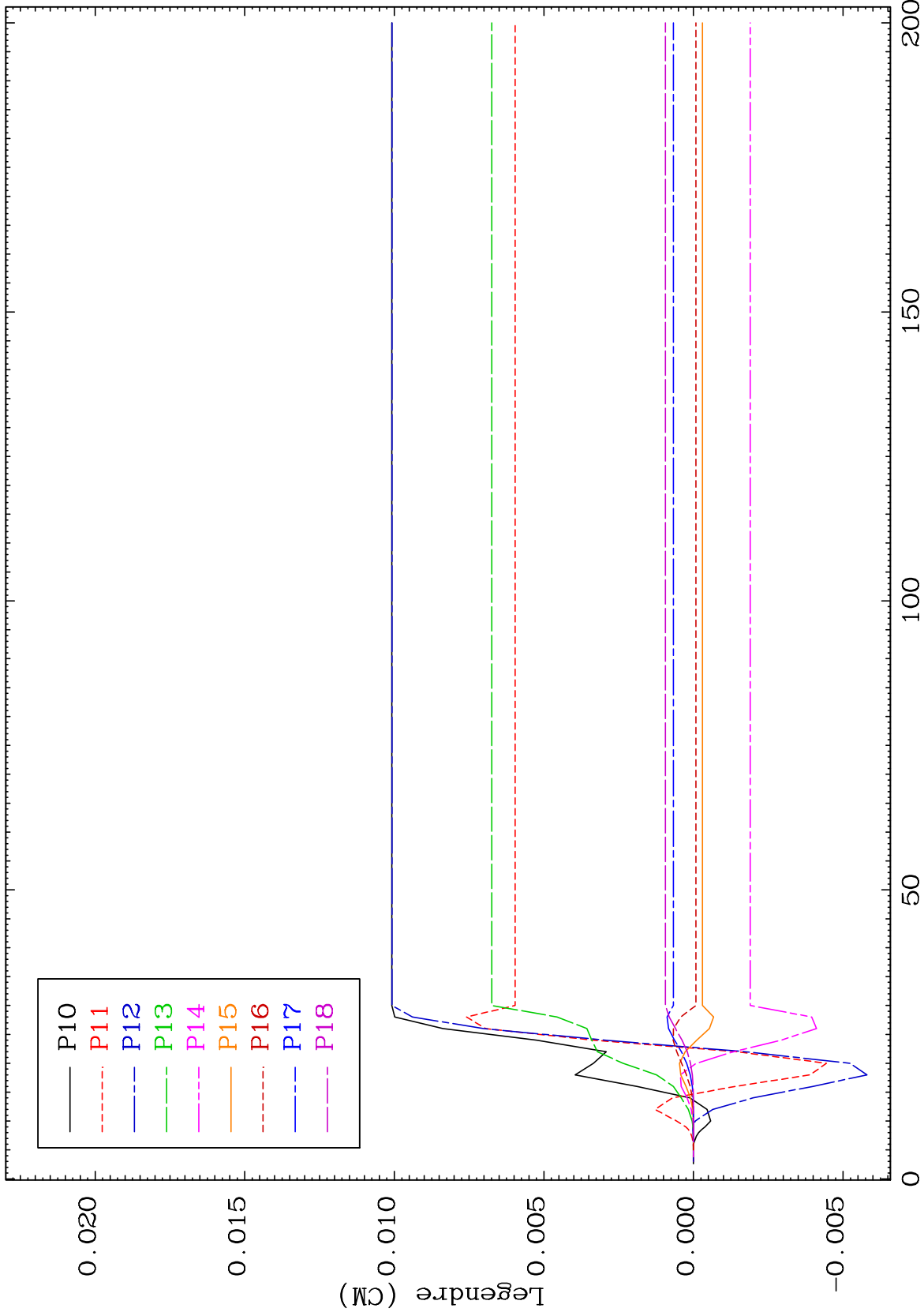




MAT 4037

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

40-Zr-94



28

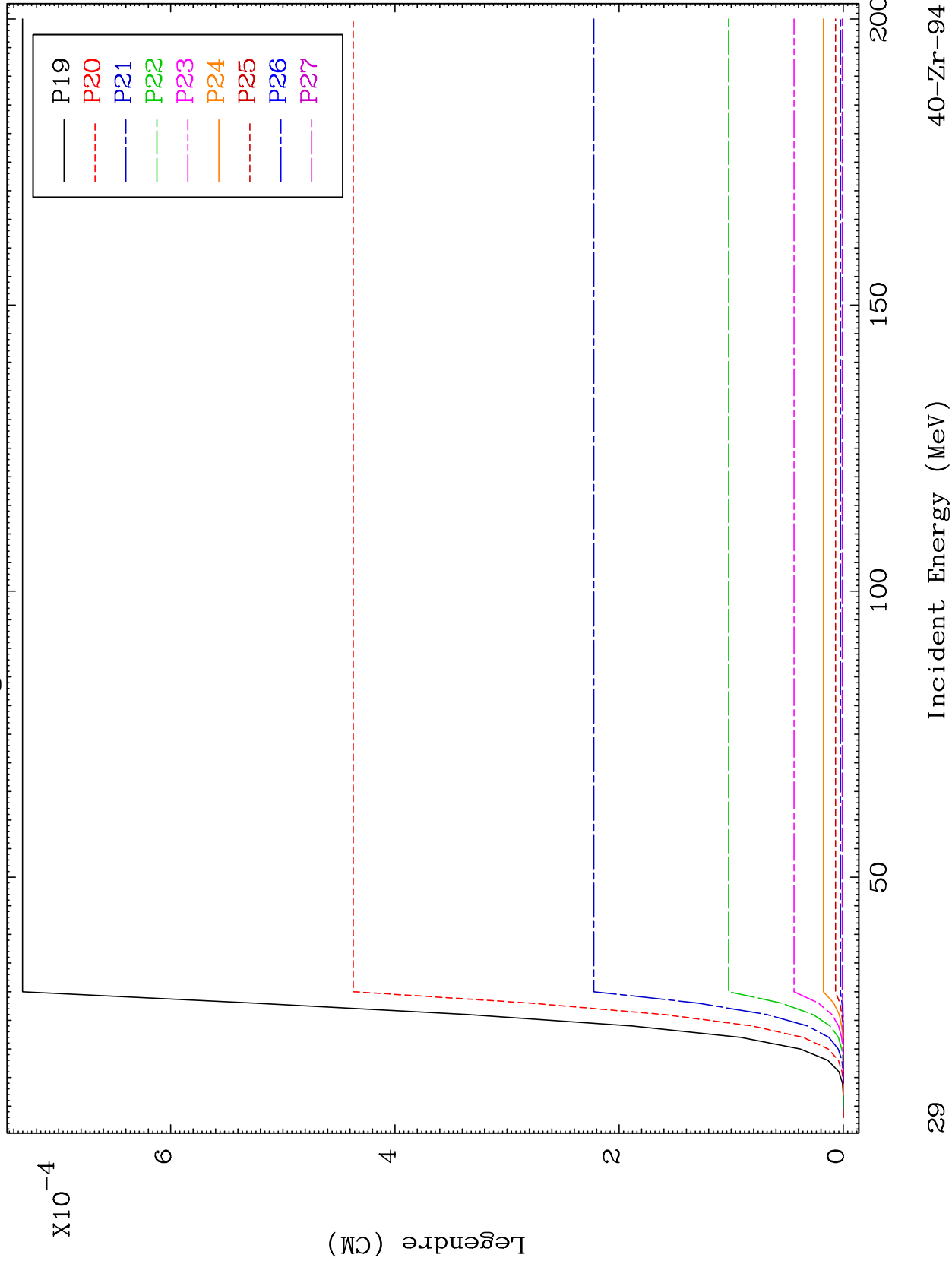
Incident Energy (MeV)

40-Zr-94

MAT 4037

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

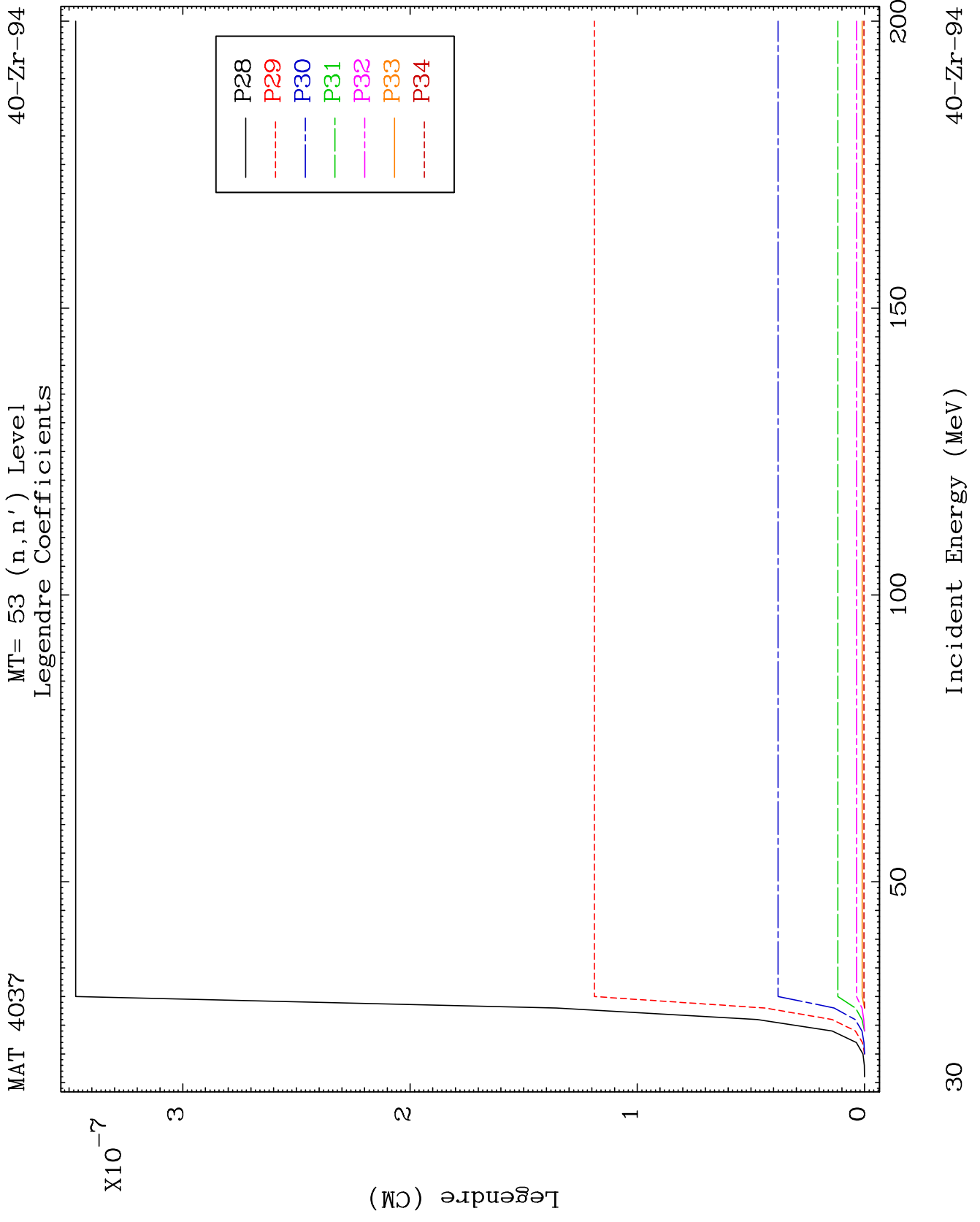
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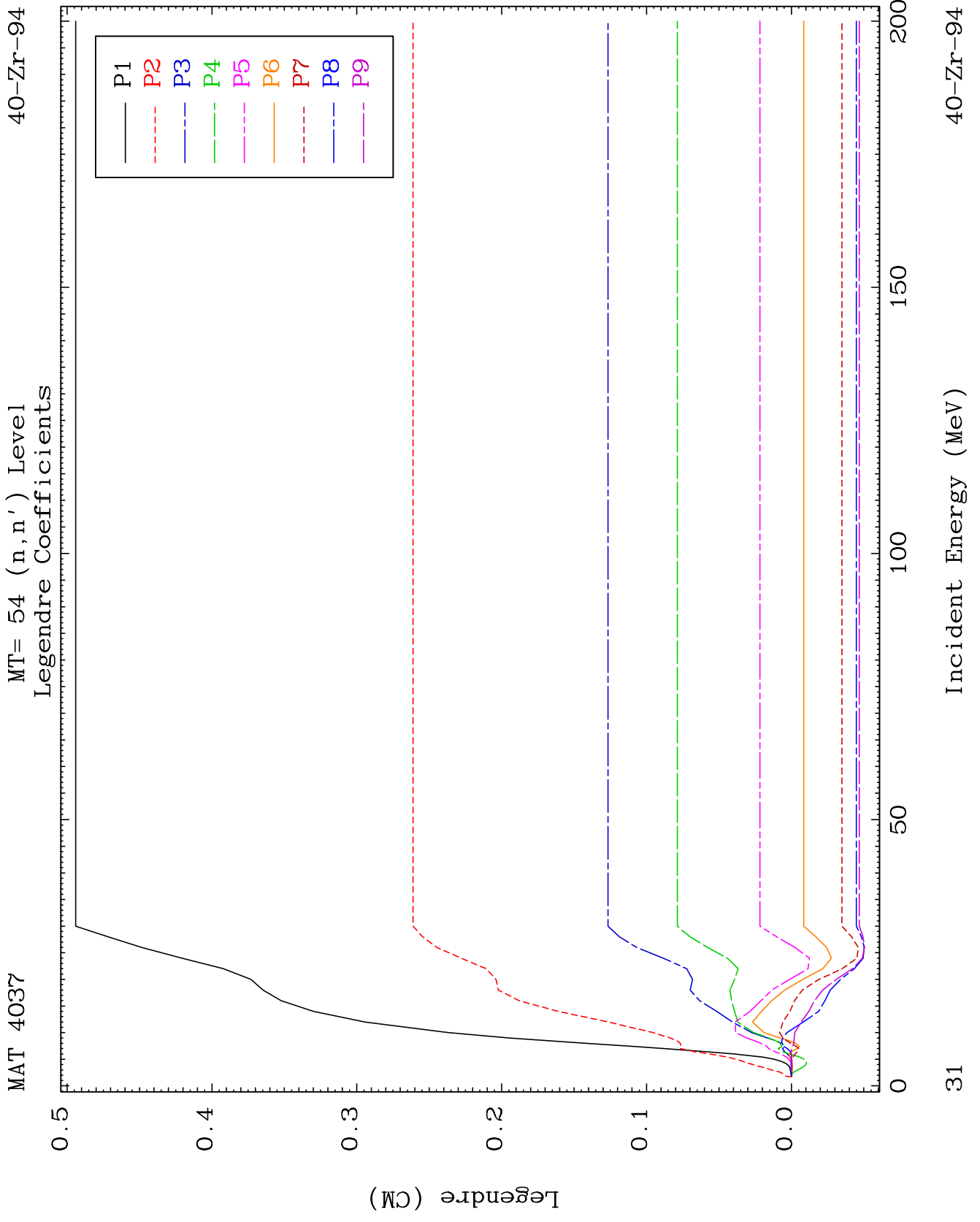


29

Incident Energy (MeV)

40-Zr-94

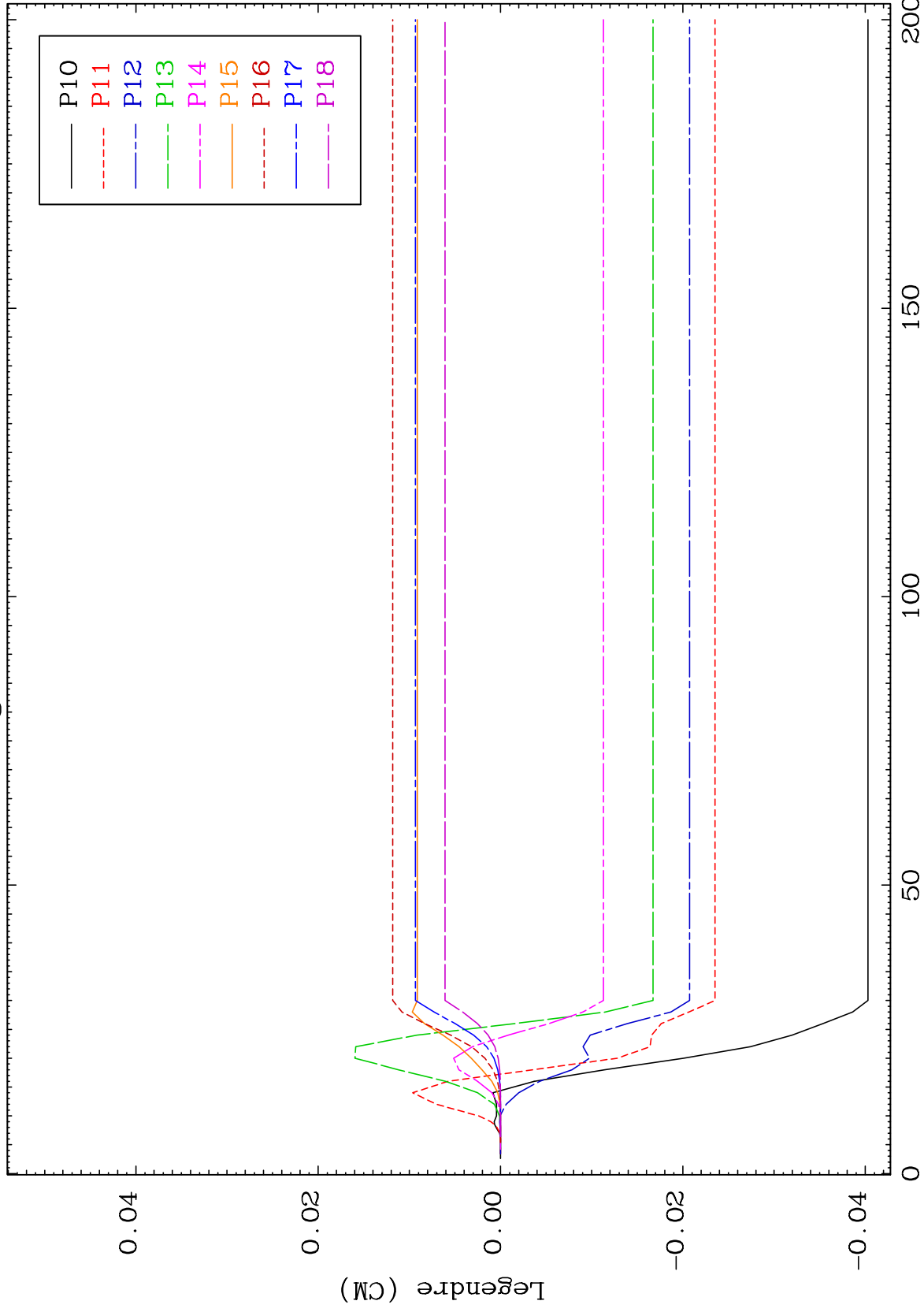




MAT 4037

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

40-Zr-94



32

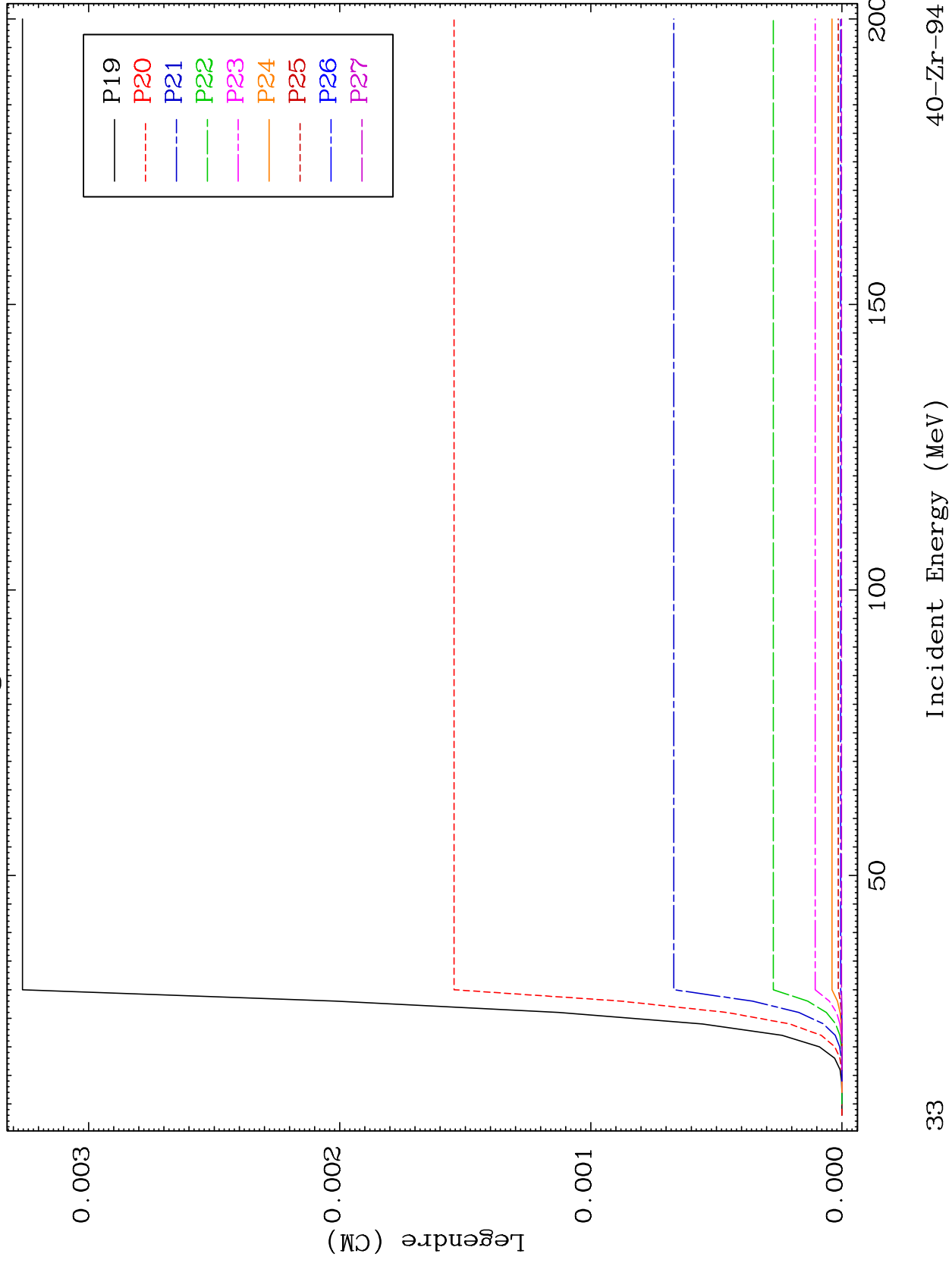
Incident Energy (MeV)

40-Zr-94

MAT 4037

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

40-Zr-94



33

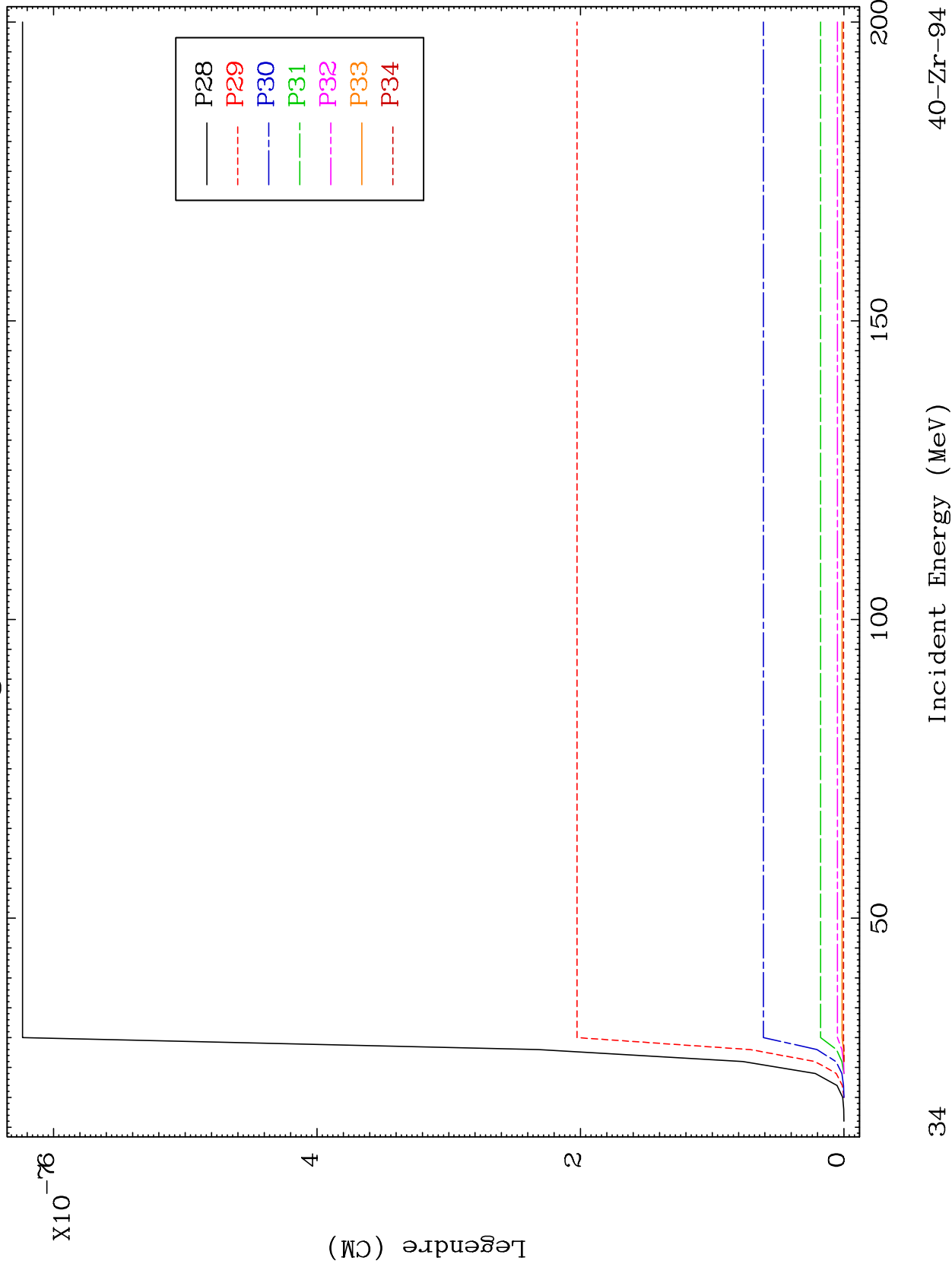
Incident Energy (MeV)

40-Zr-94

MAT 4037

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

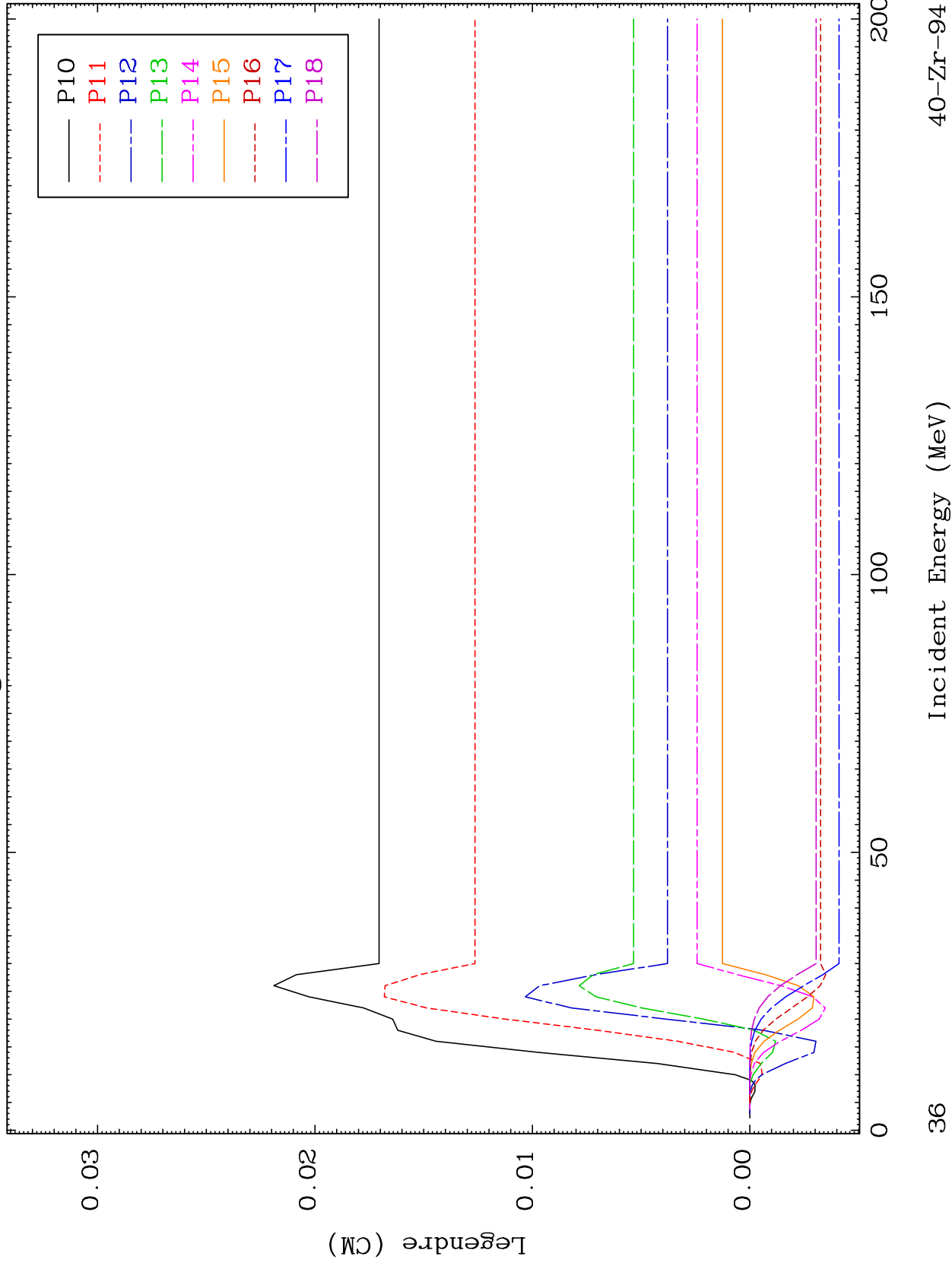
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MAT 4037

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Legendre Coefficients

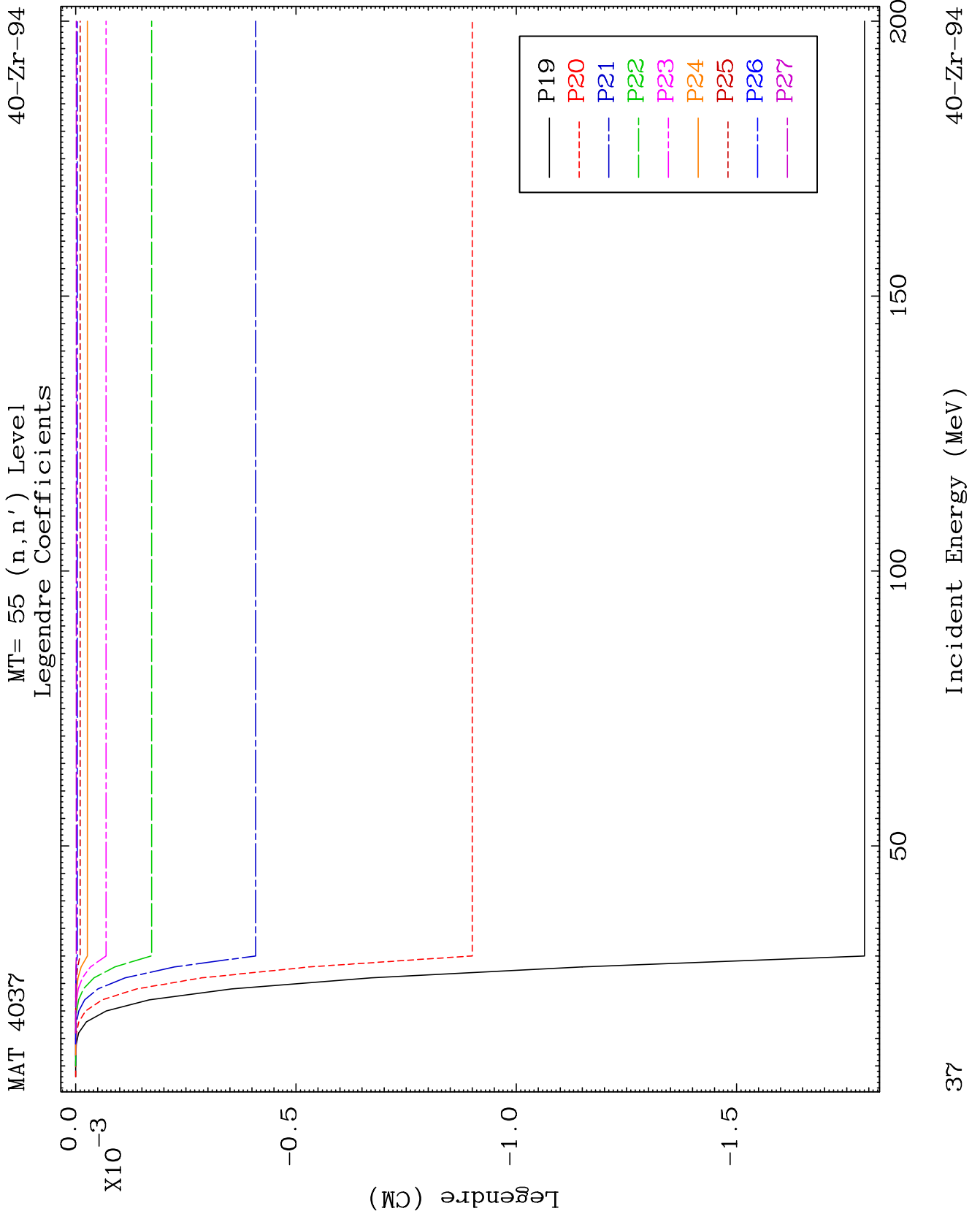
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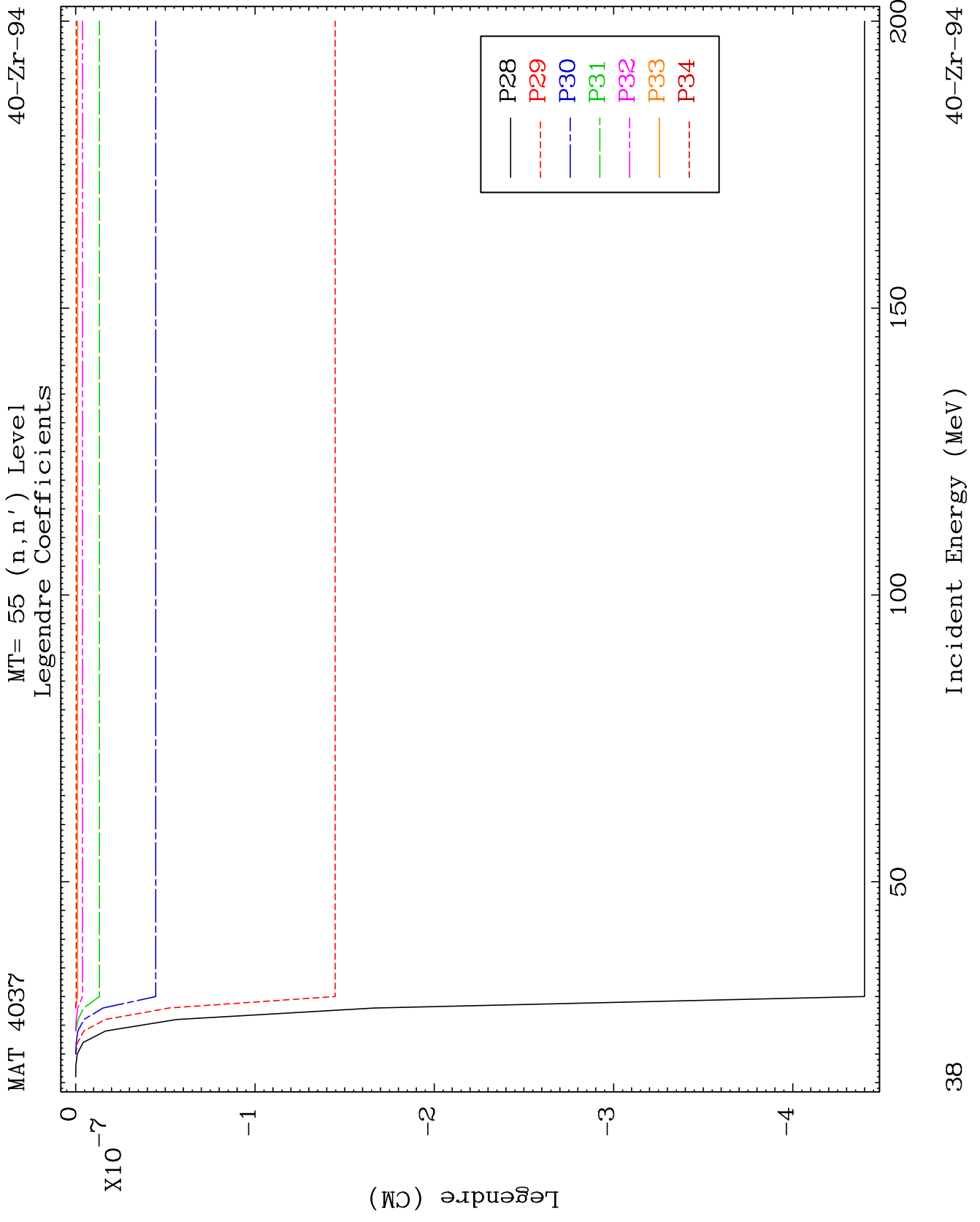


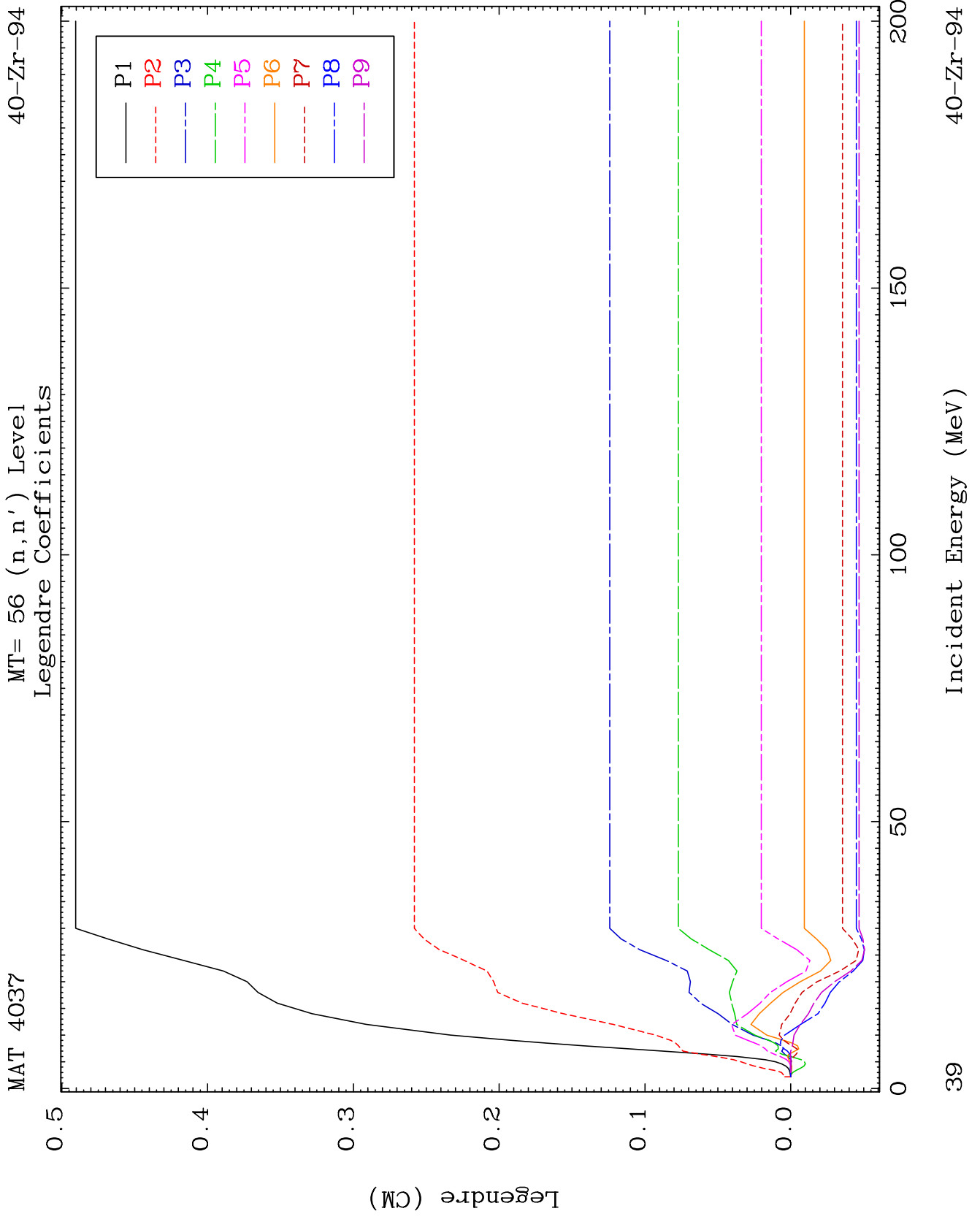
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Incident Energy (MeV)

36



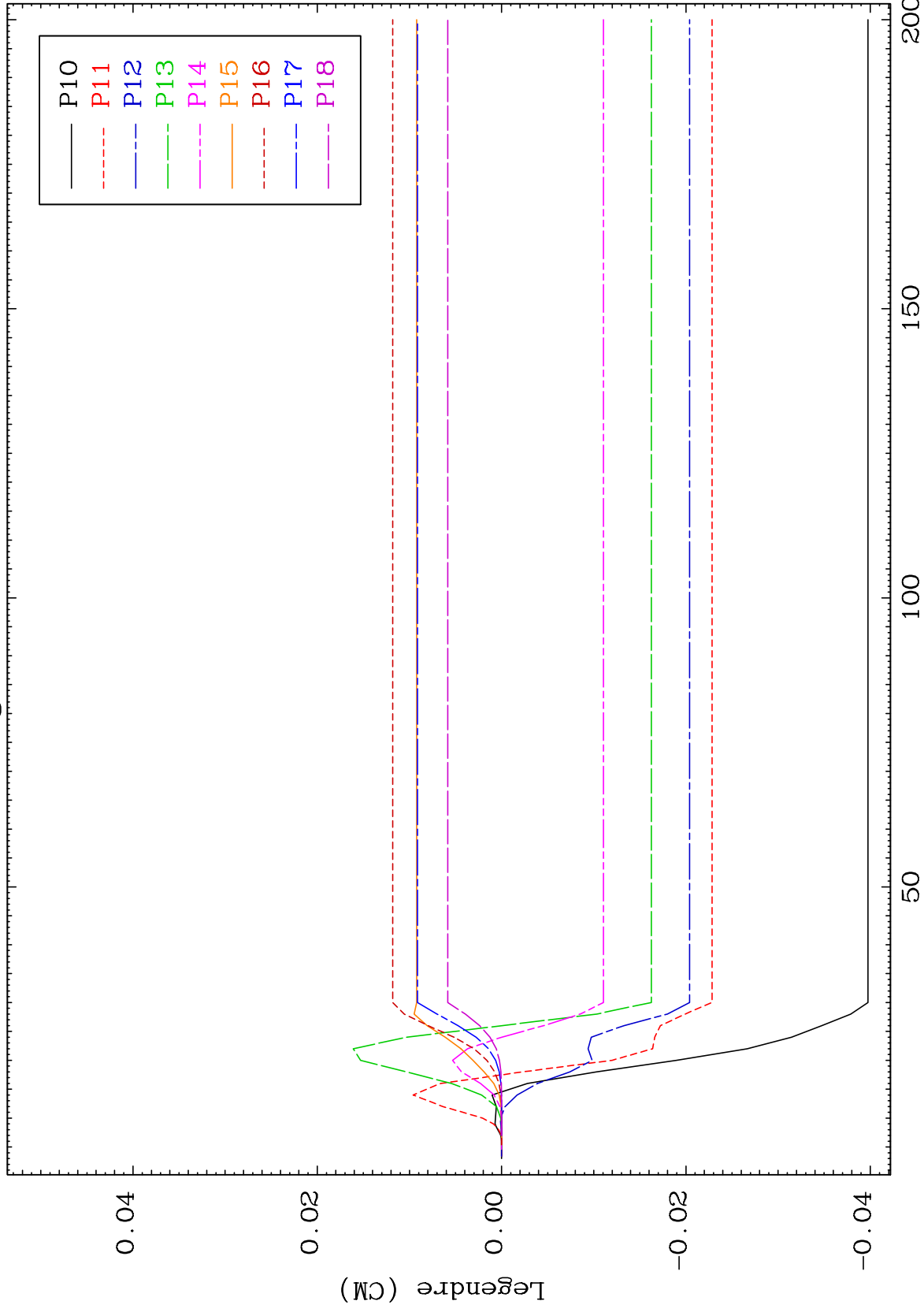




MAT 4037

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

40-Zr-94



40

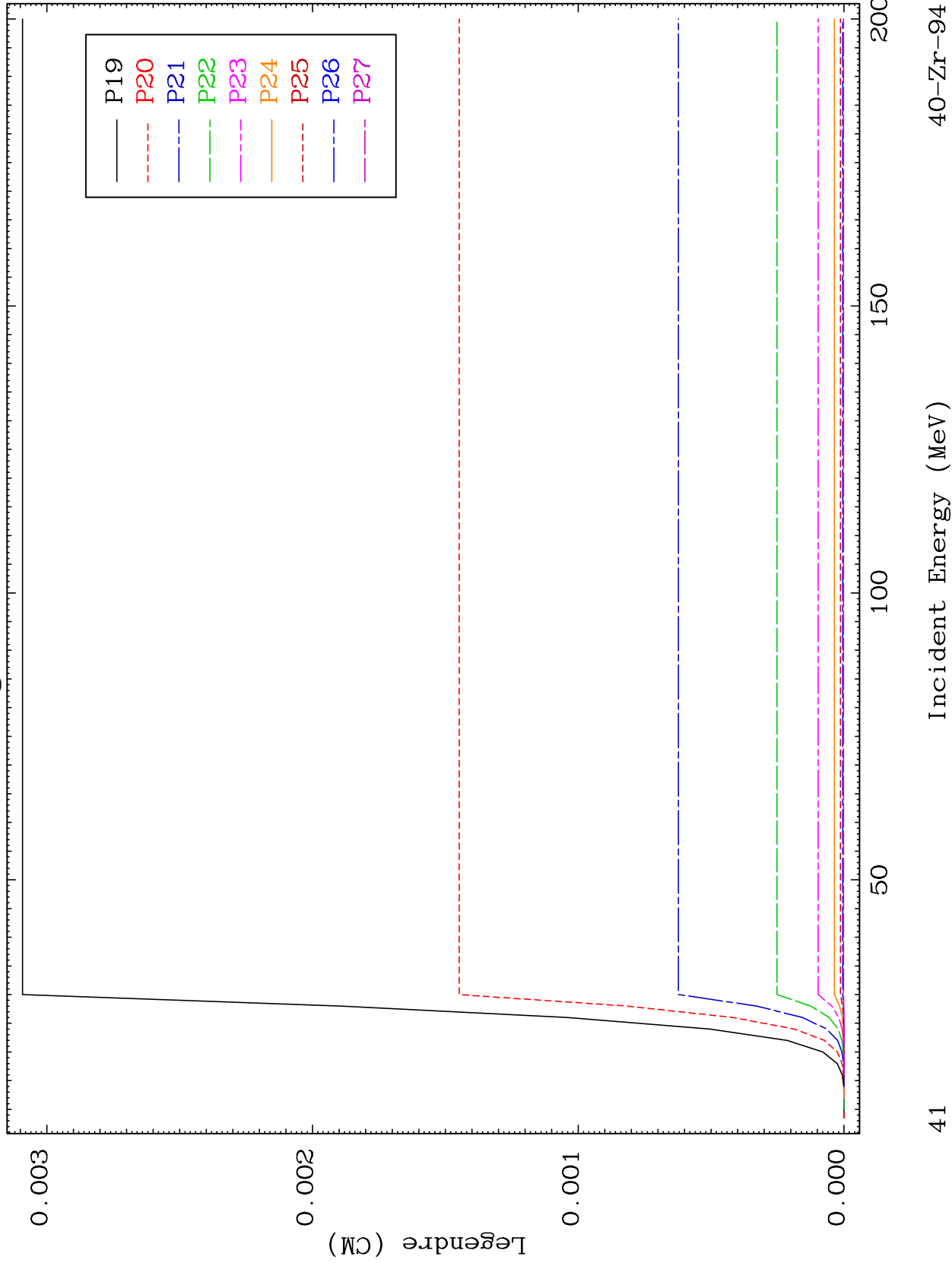
Incident Energy (MeV)

40-Zr-94

MAT 4037

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

40-Zr-94



41

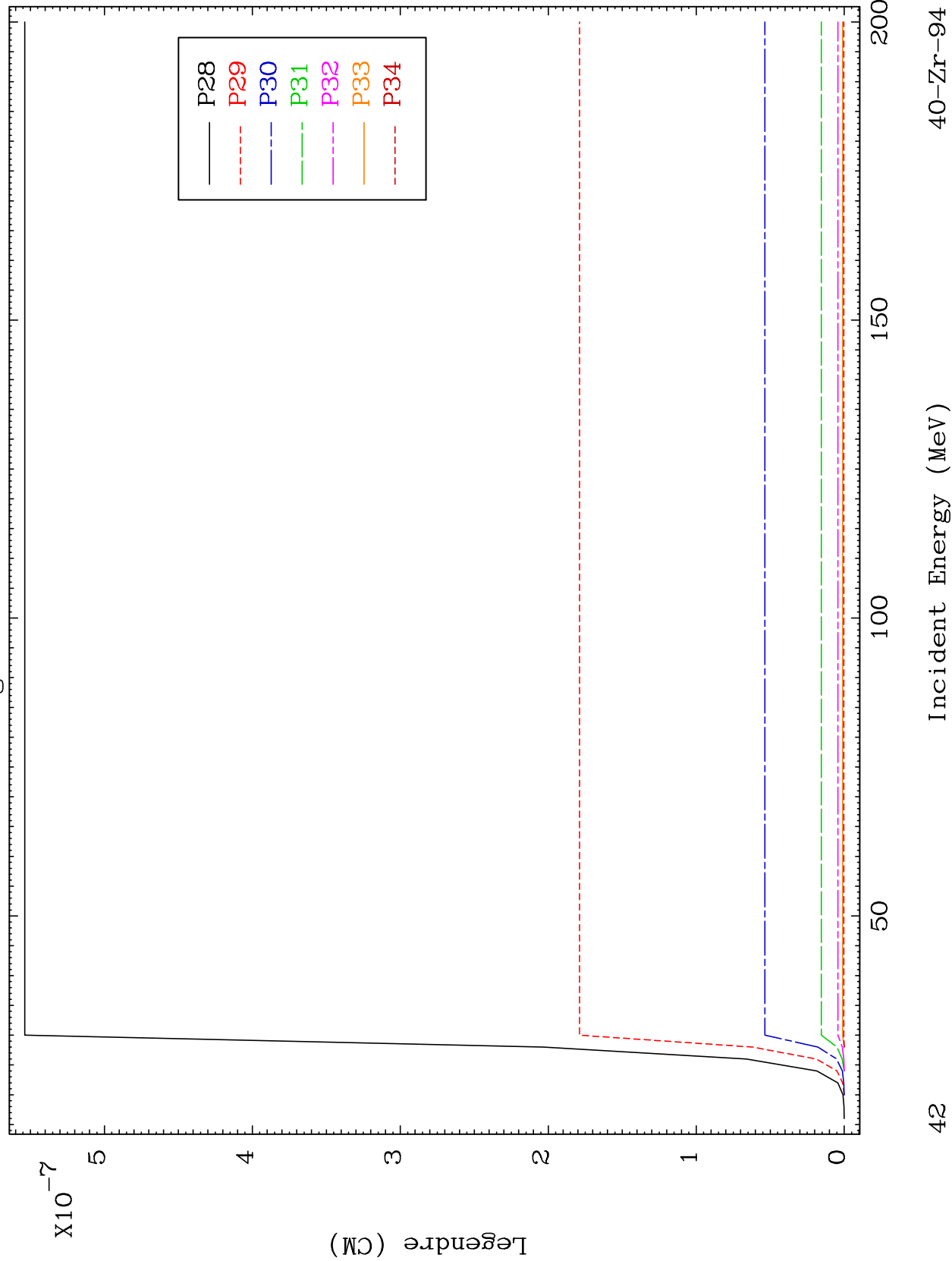
Incident Energy (MeV)

40-Zr-94

MAT 4037

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

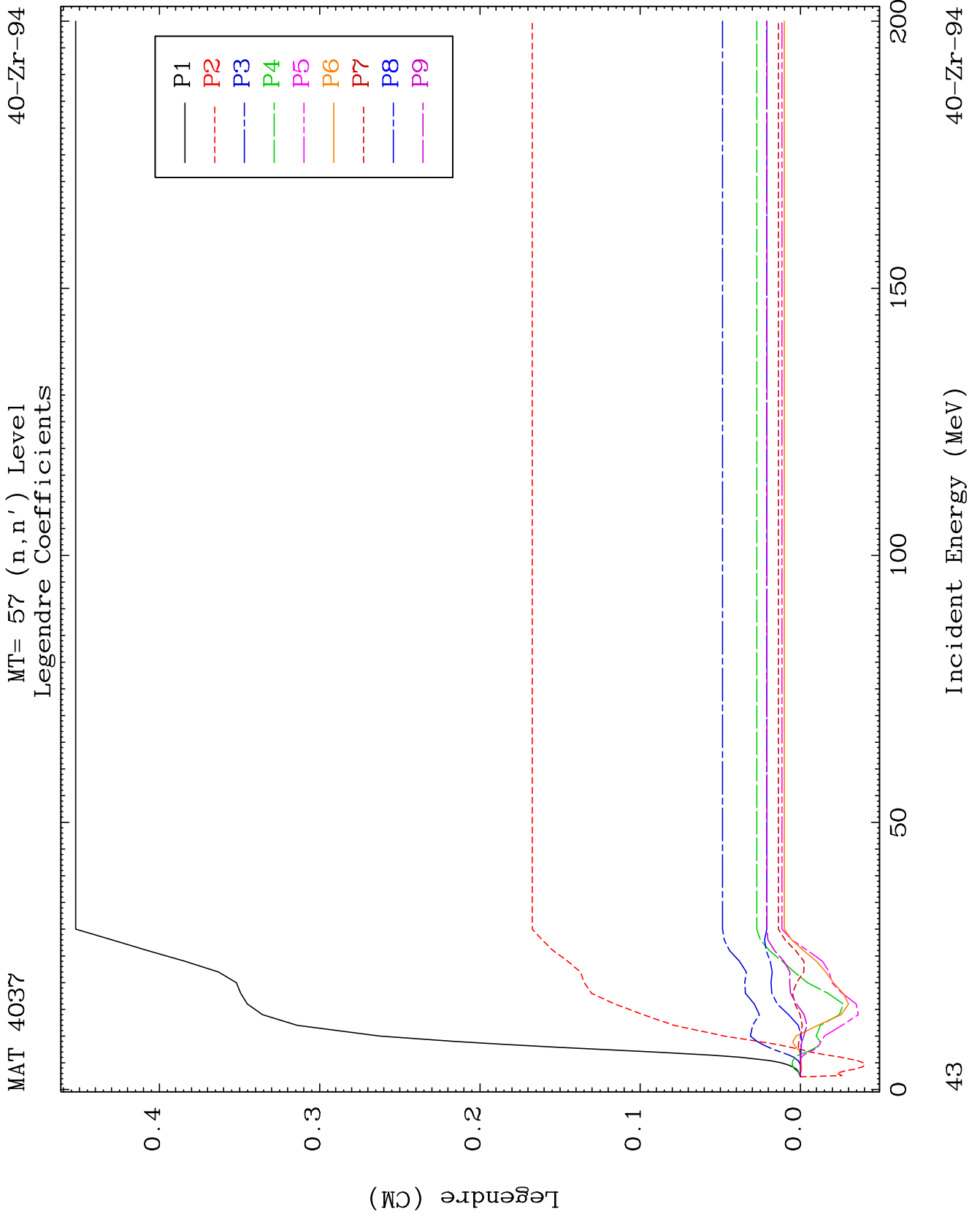
40-Zr-94



42

Incident Energy (MeV)

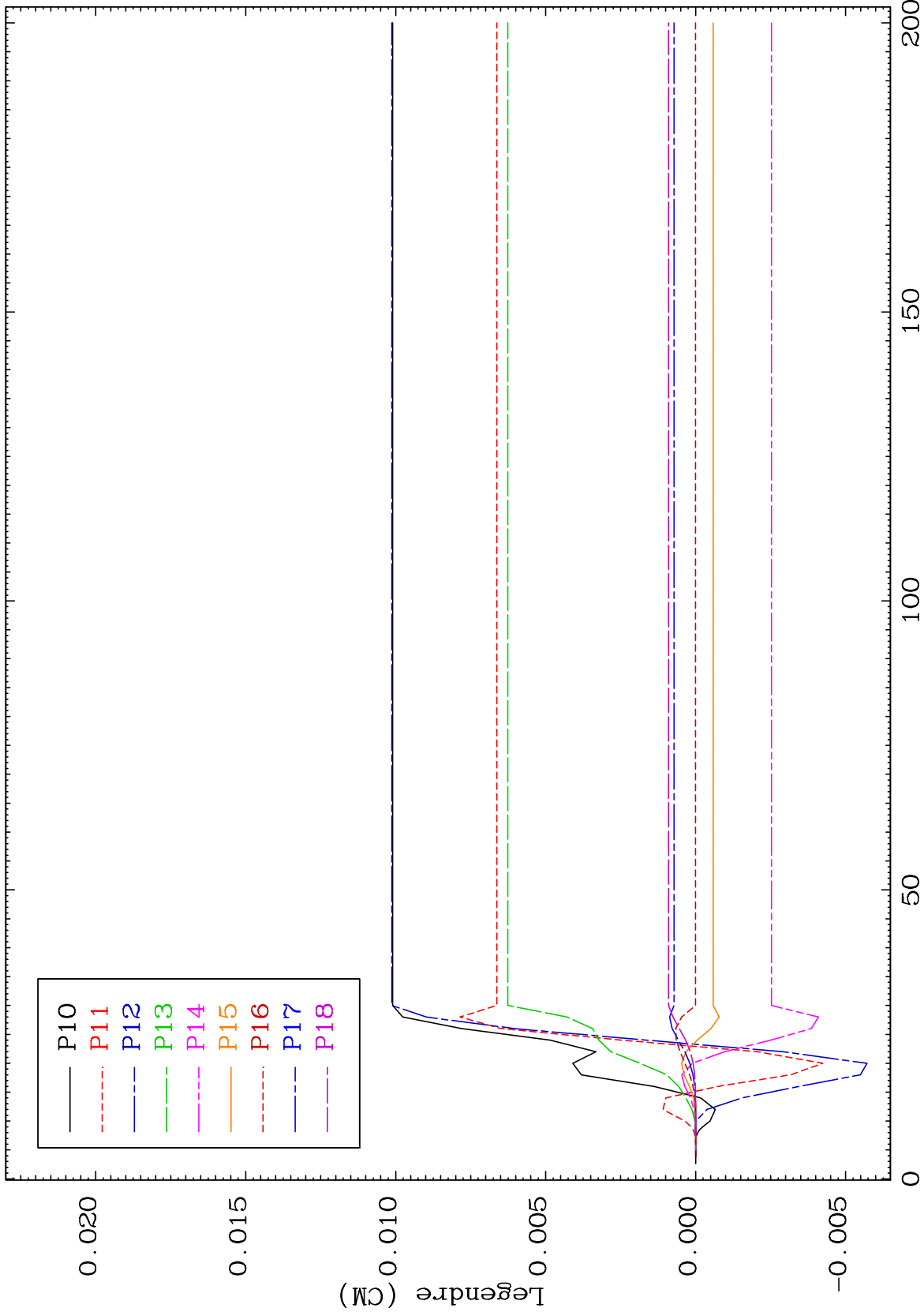
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MAT 4037

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

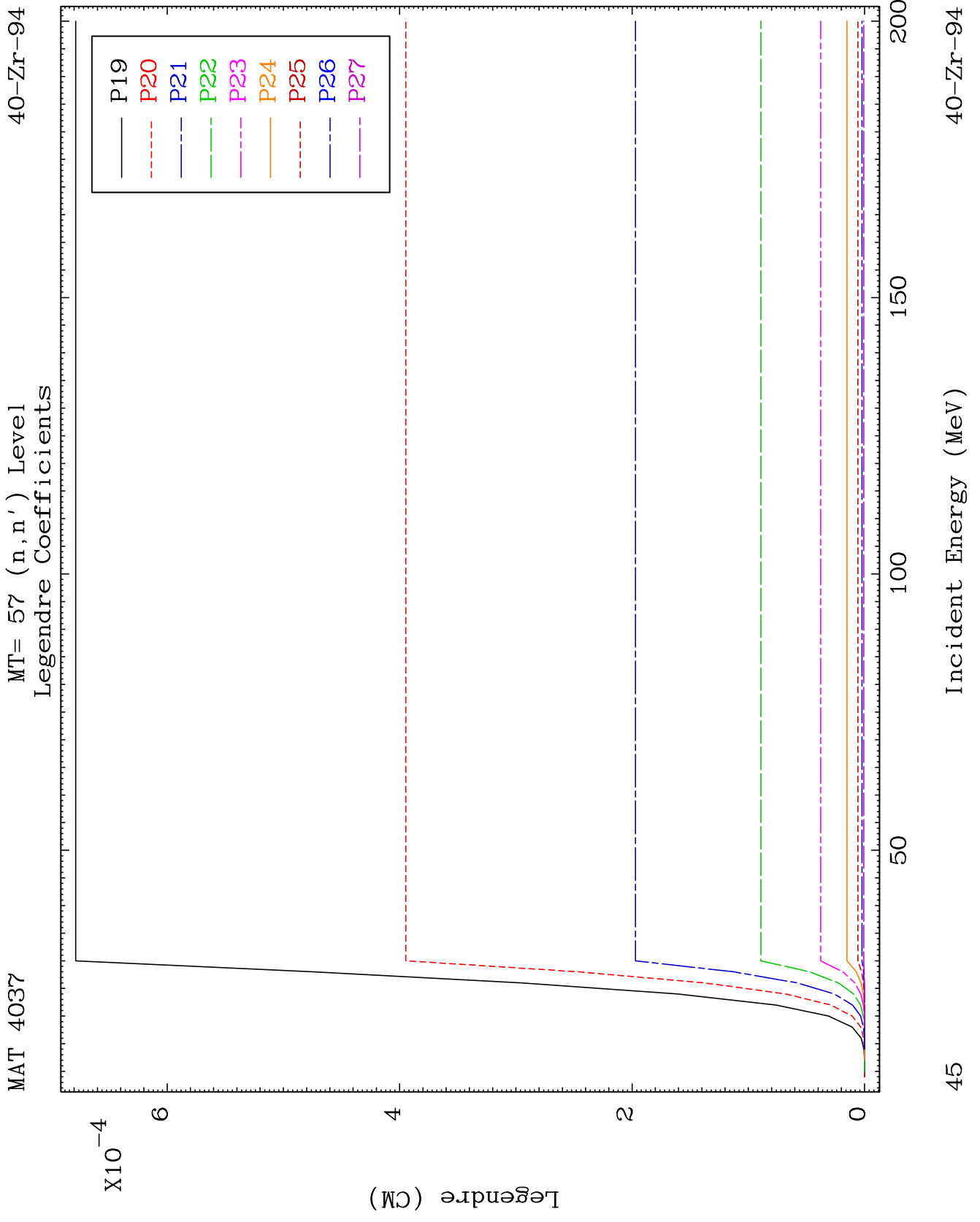
40-Zr-94



44

Incident Energy (MeV)

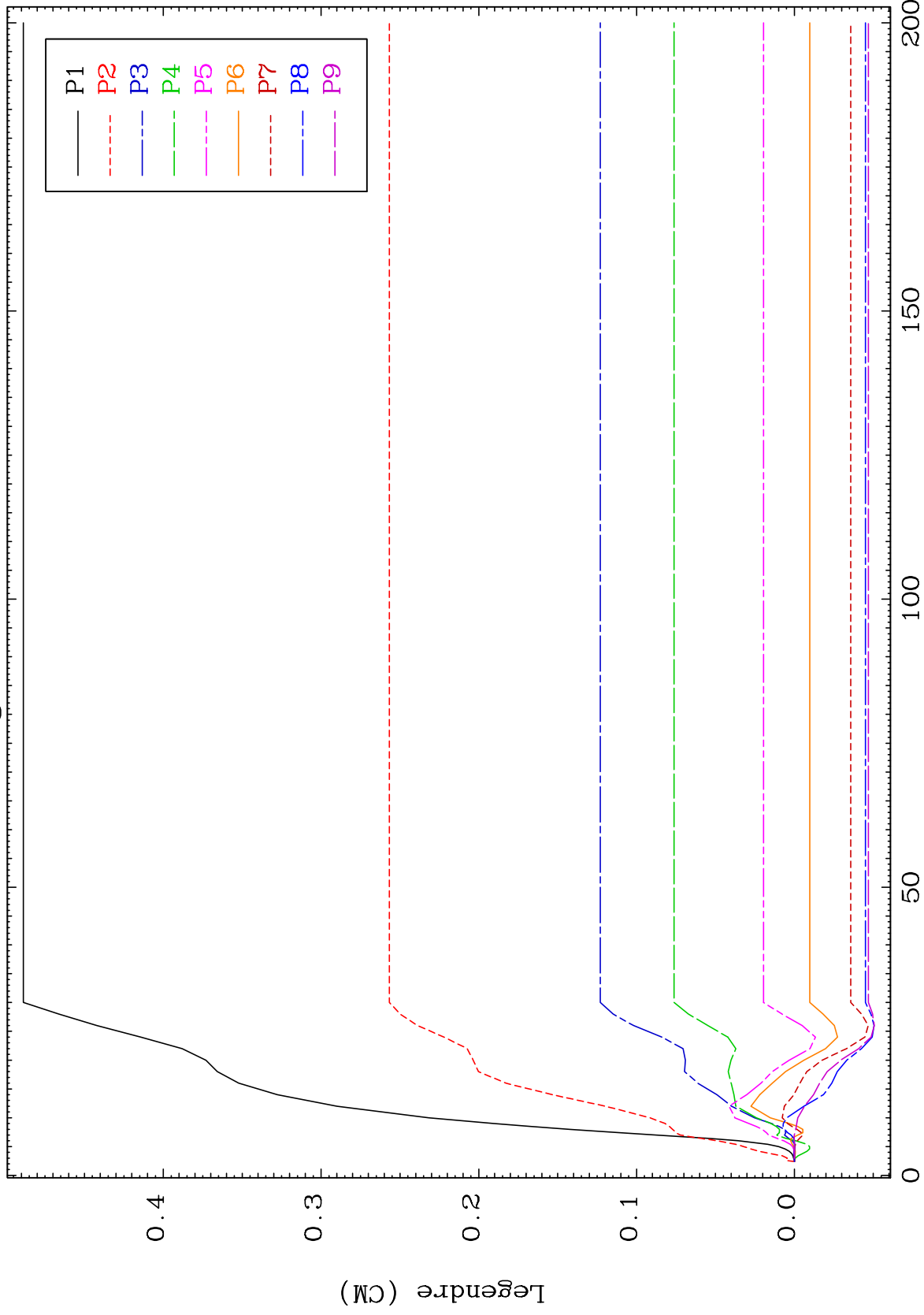
40-Zr-94



MAT 4037

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

40-Zr-94



47

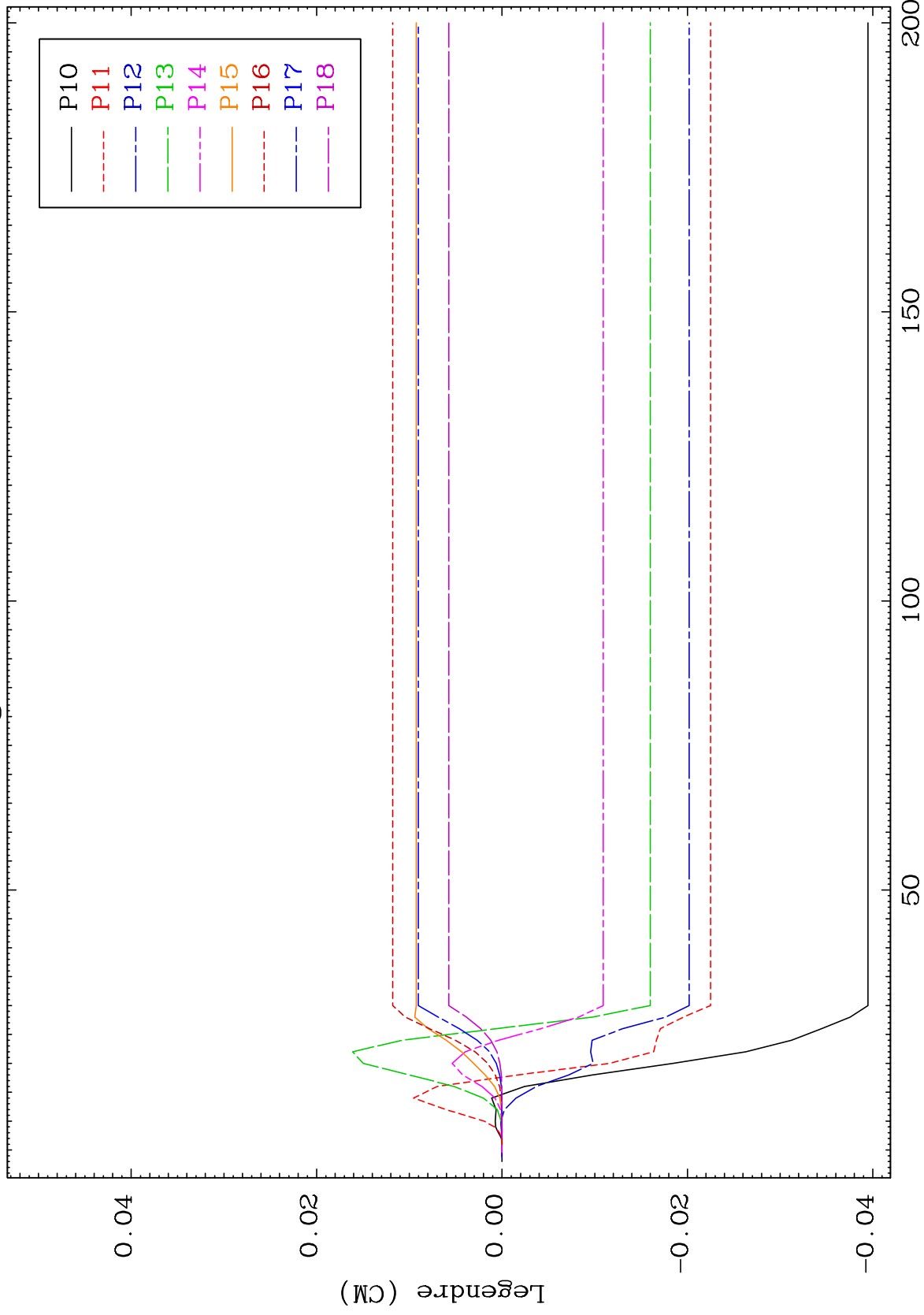
Incident Energy (MeV)

40-Zr-94

MAT 4037

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

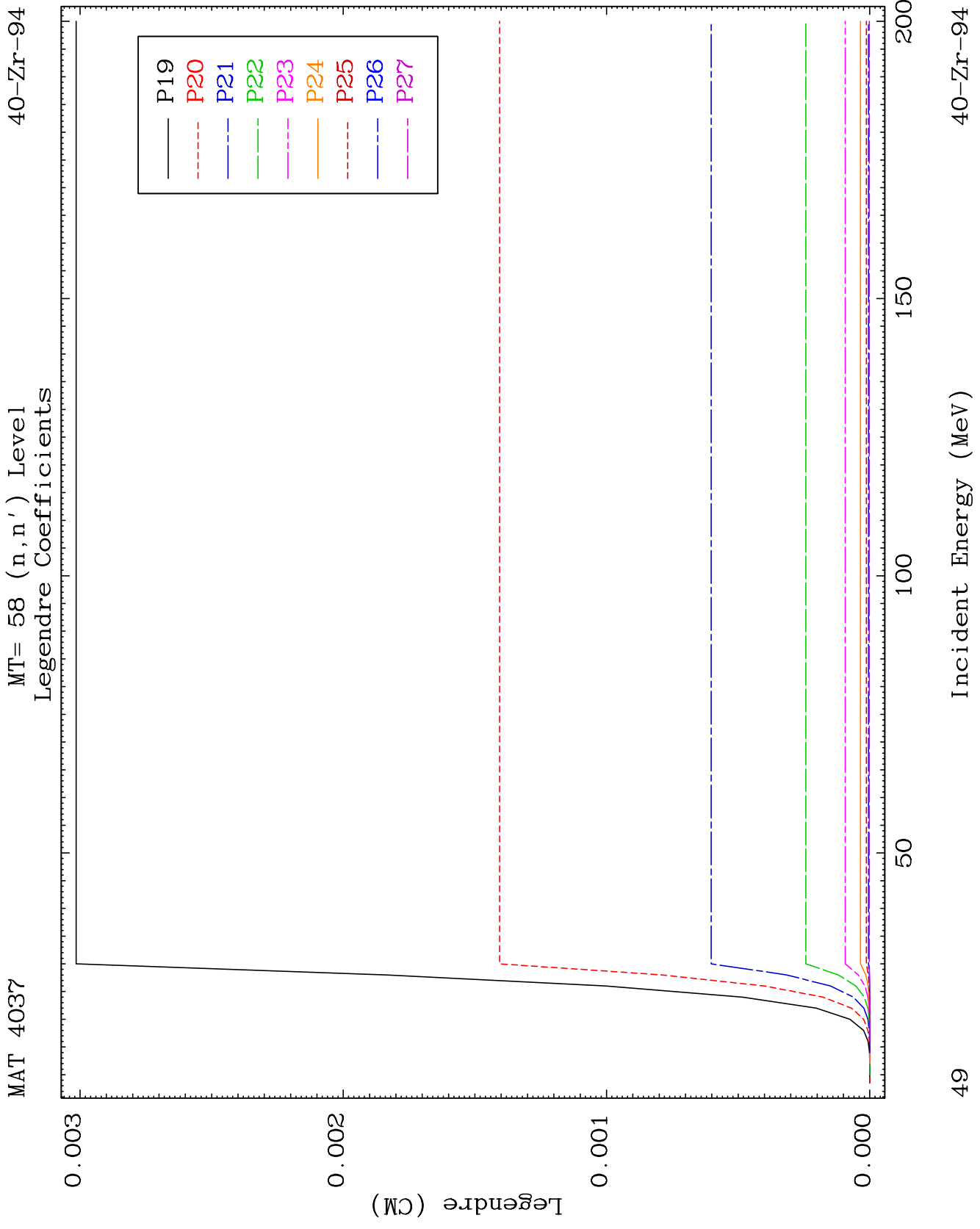
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48

Incident Energy (MeV)

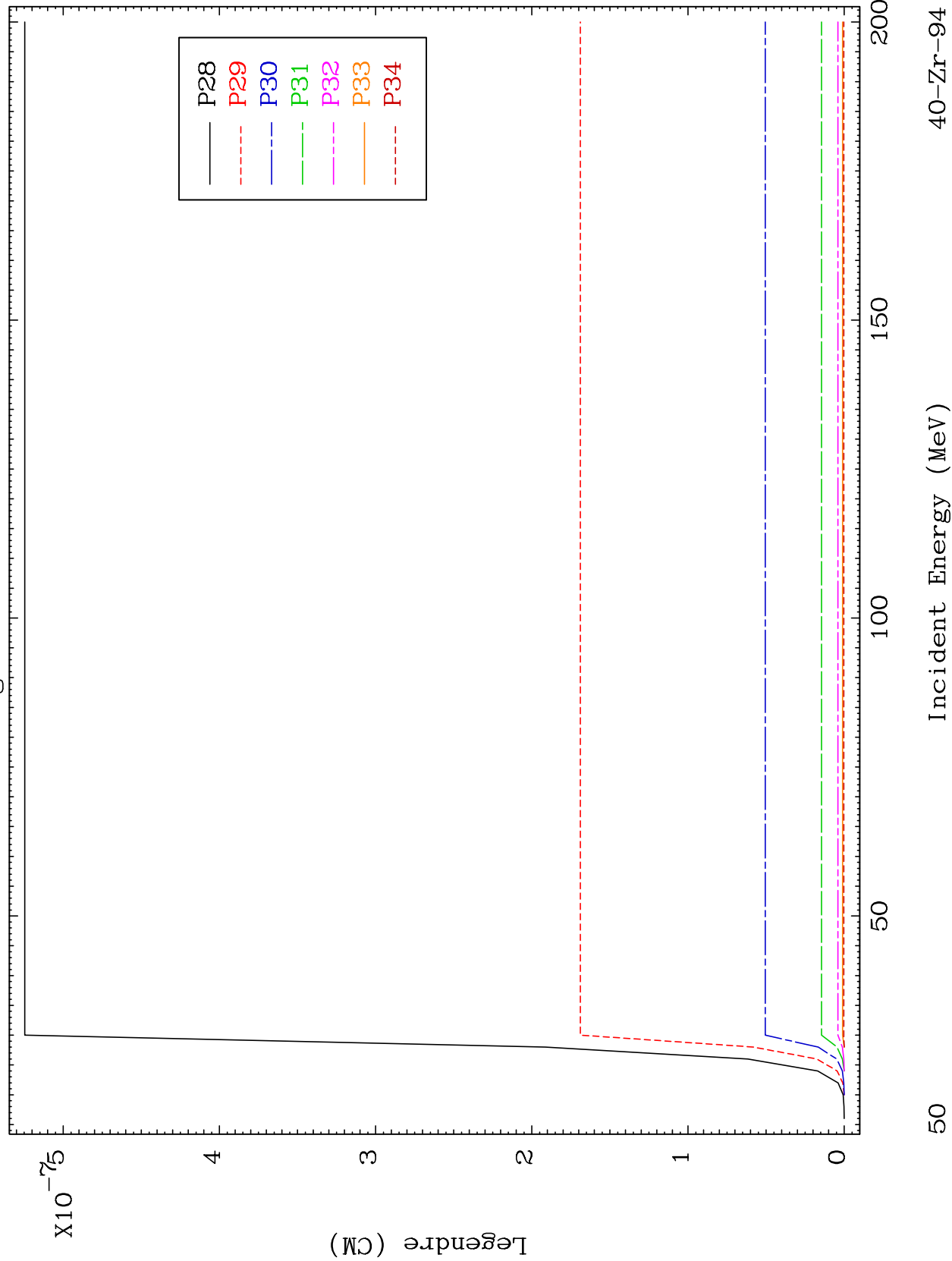
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MAT 4037

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

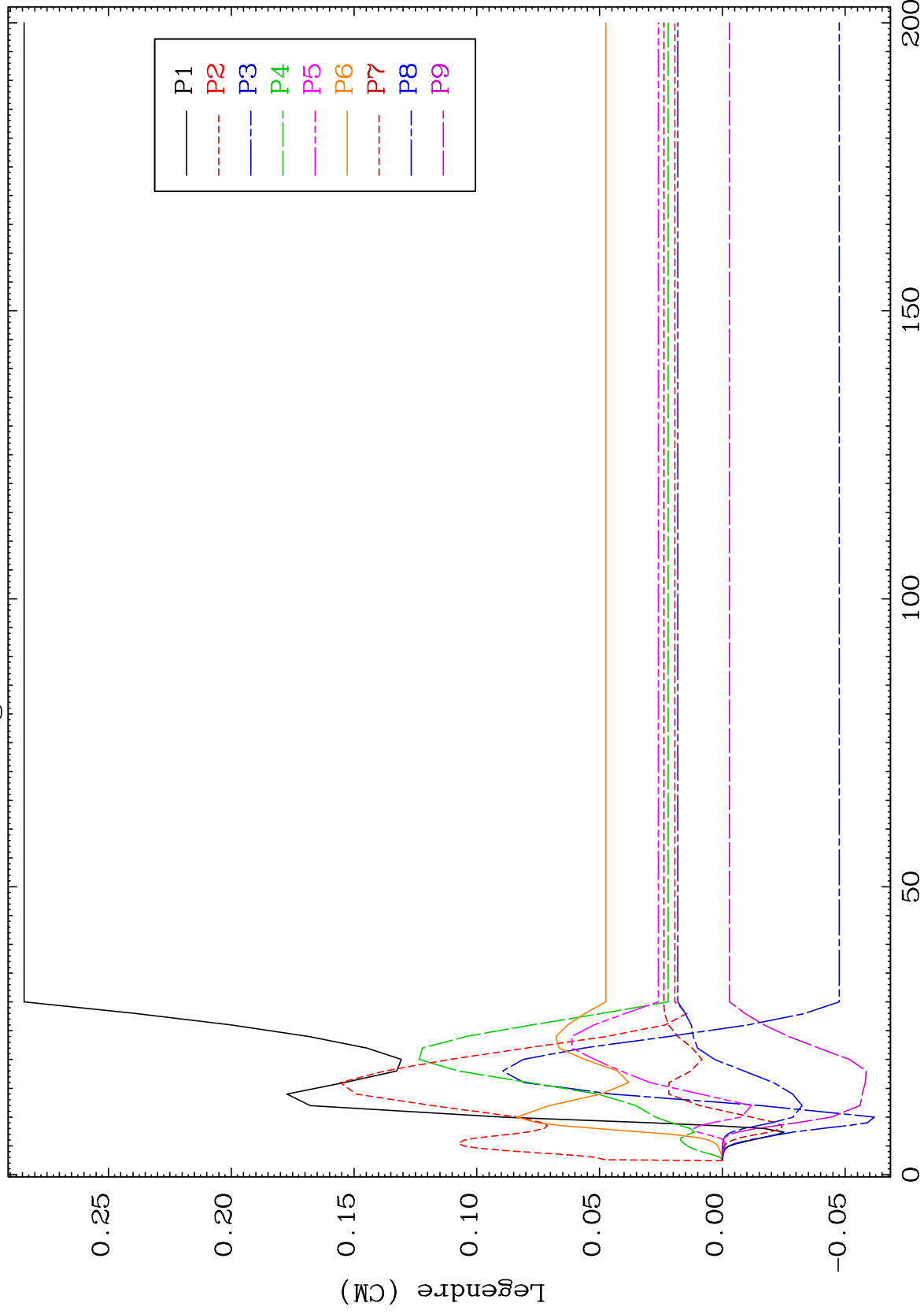
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MAT 4037

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

40-Zr-94



51

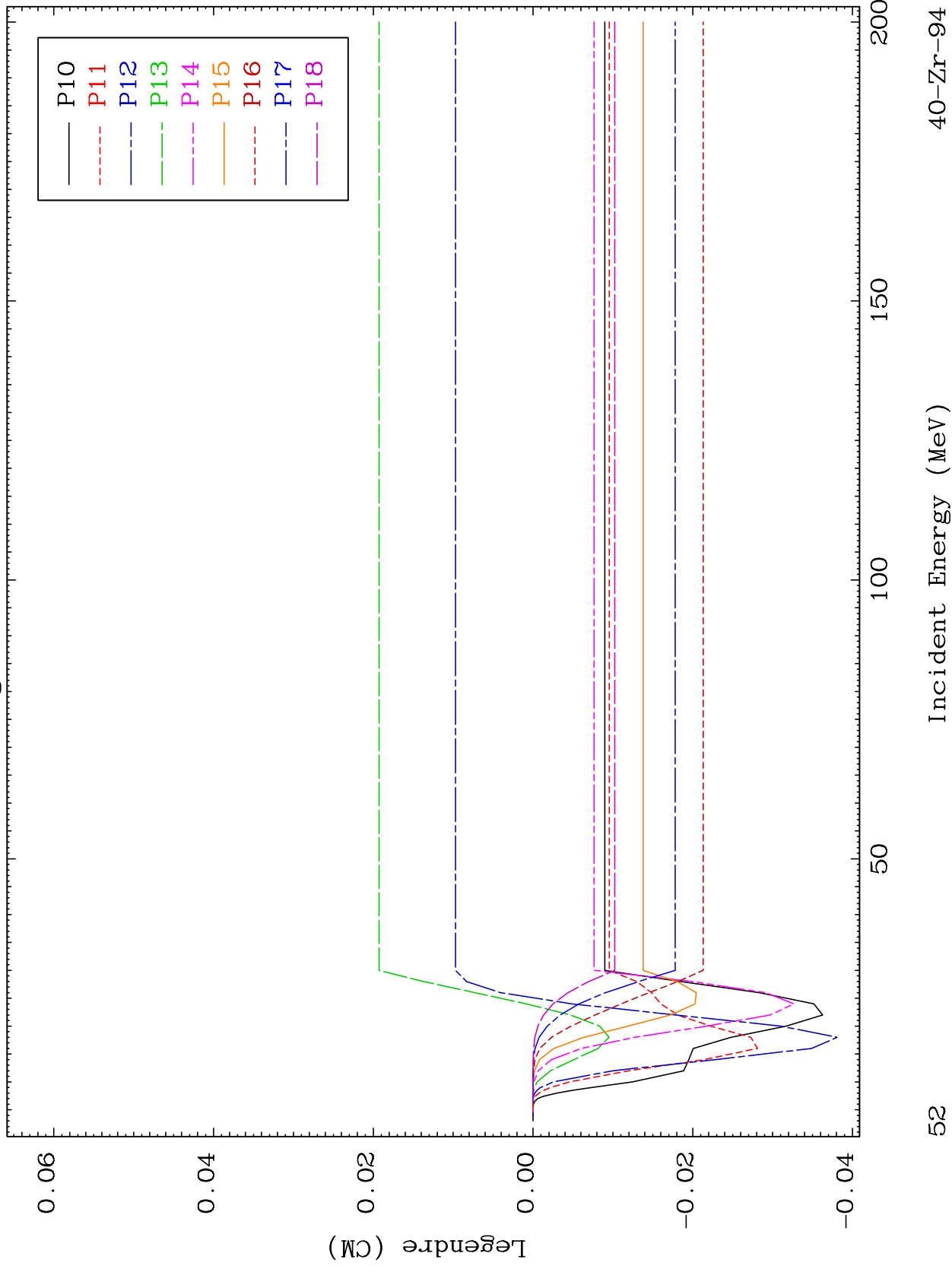
Incident Energy (MeV)

40-Zr-94

MAT 4037

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

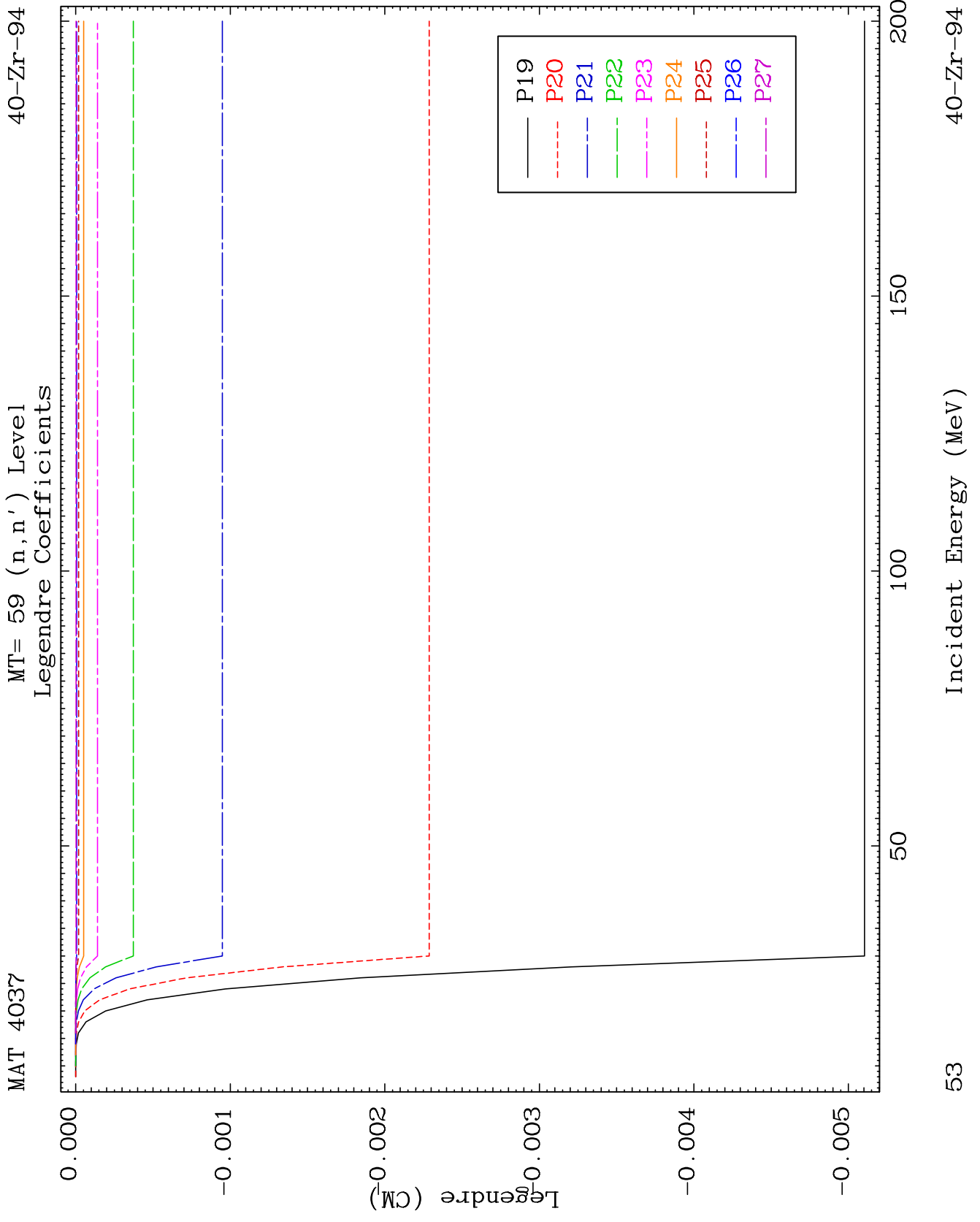
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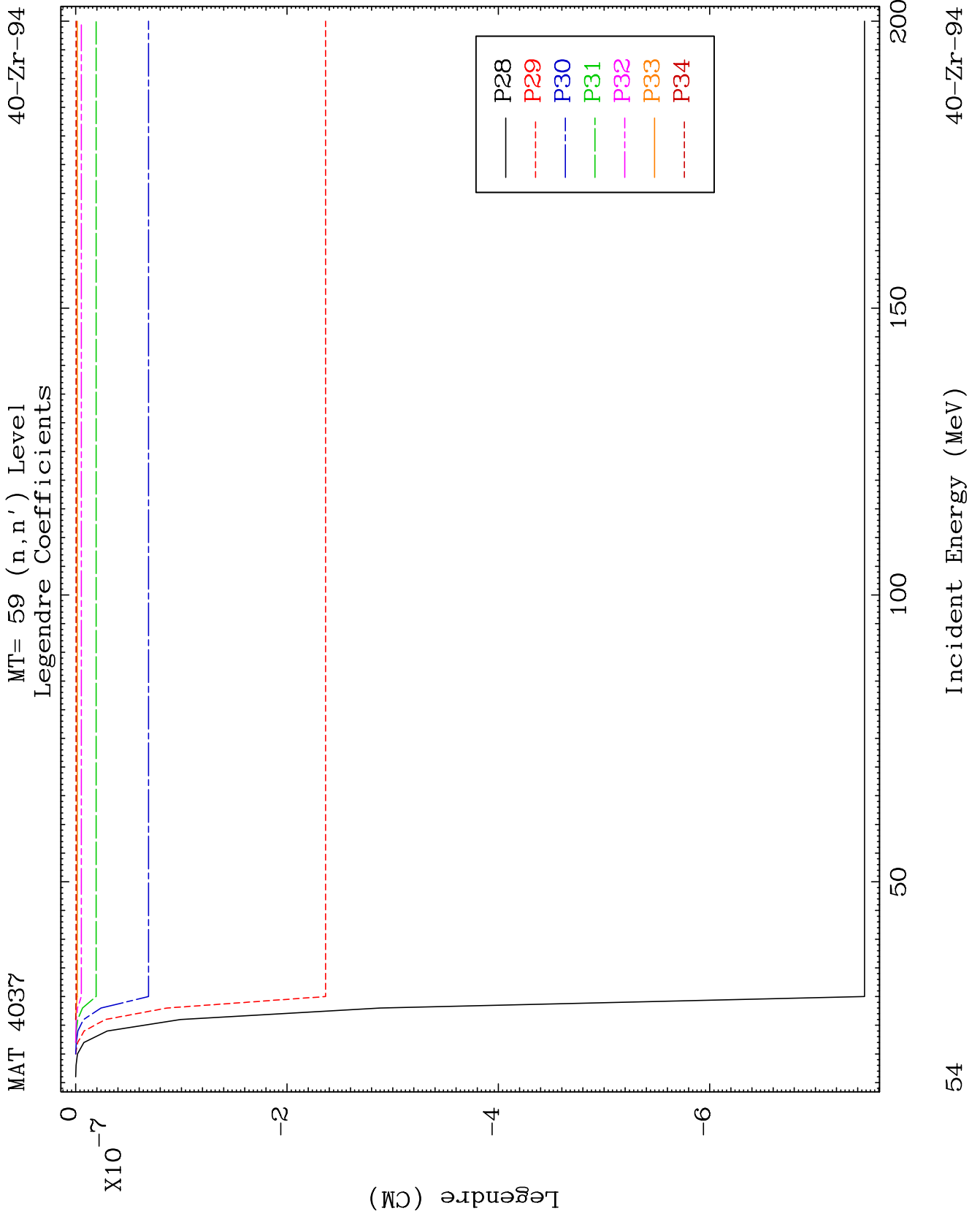


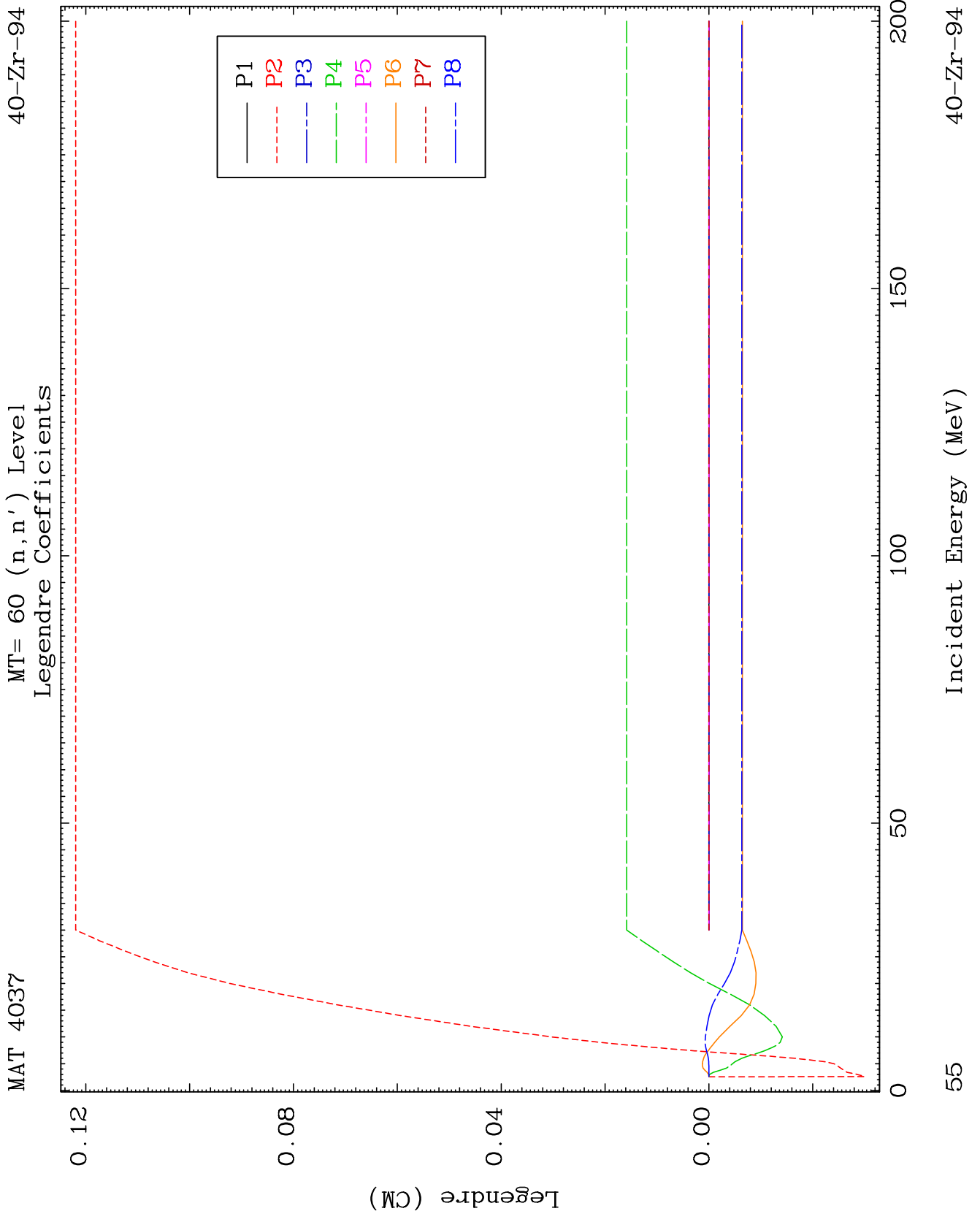
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Incident Energy (MeV)

40-Zr-94



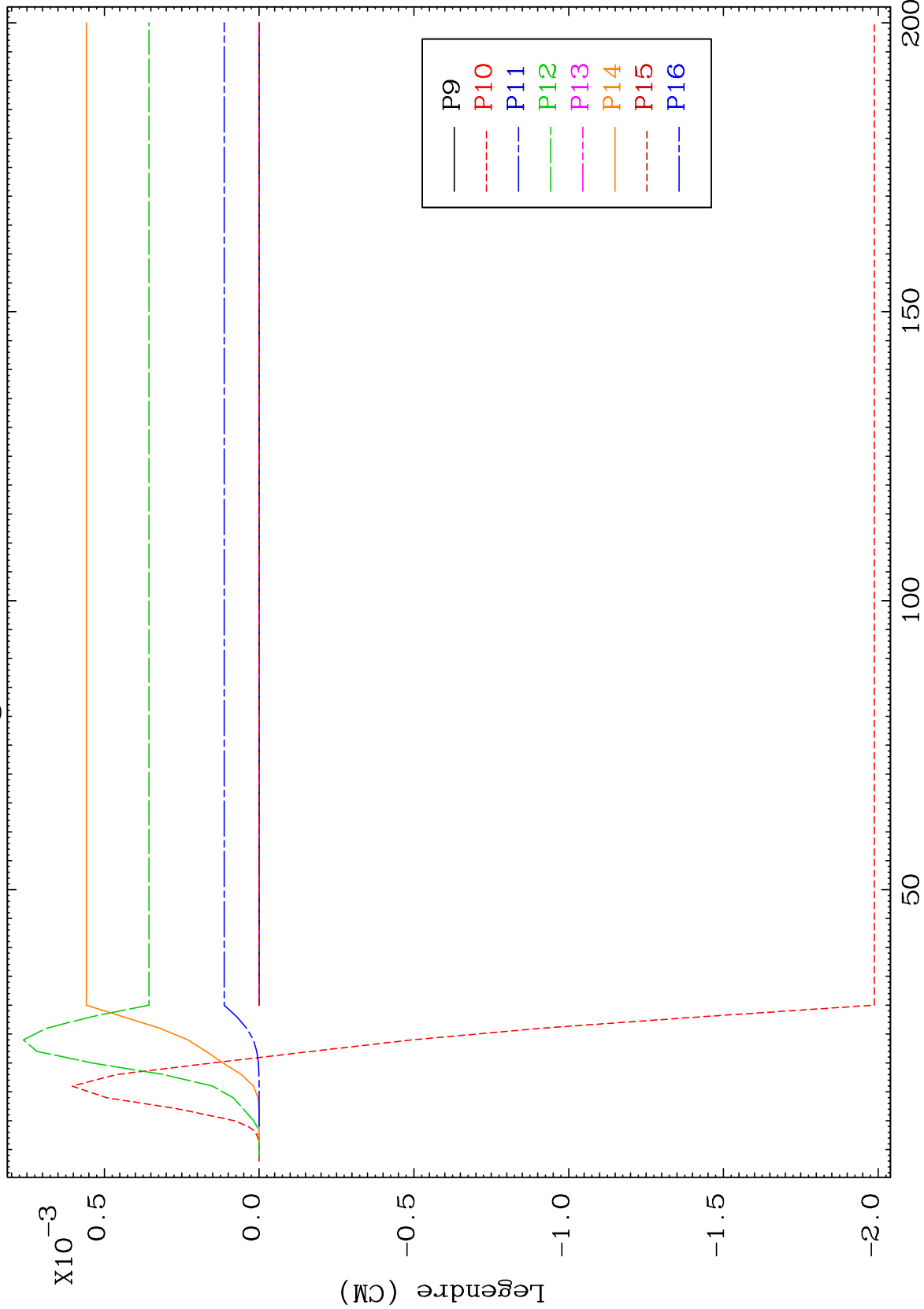




MAT 4037

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

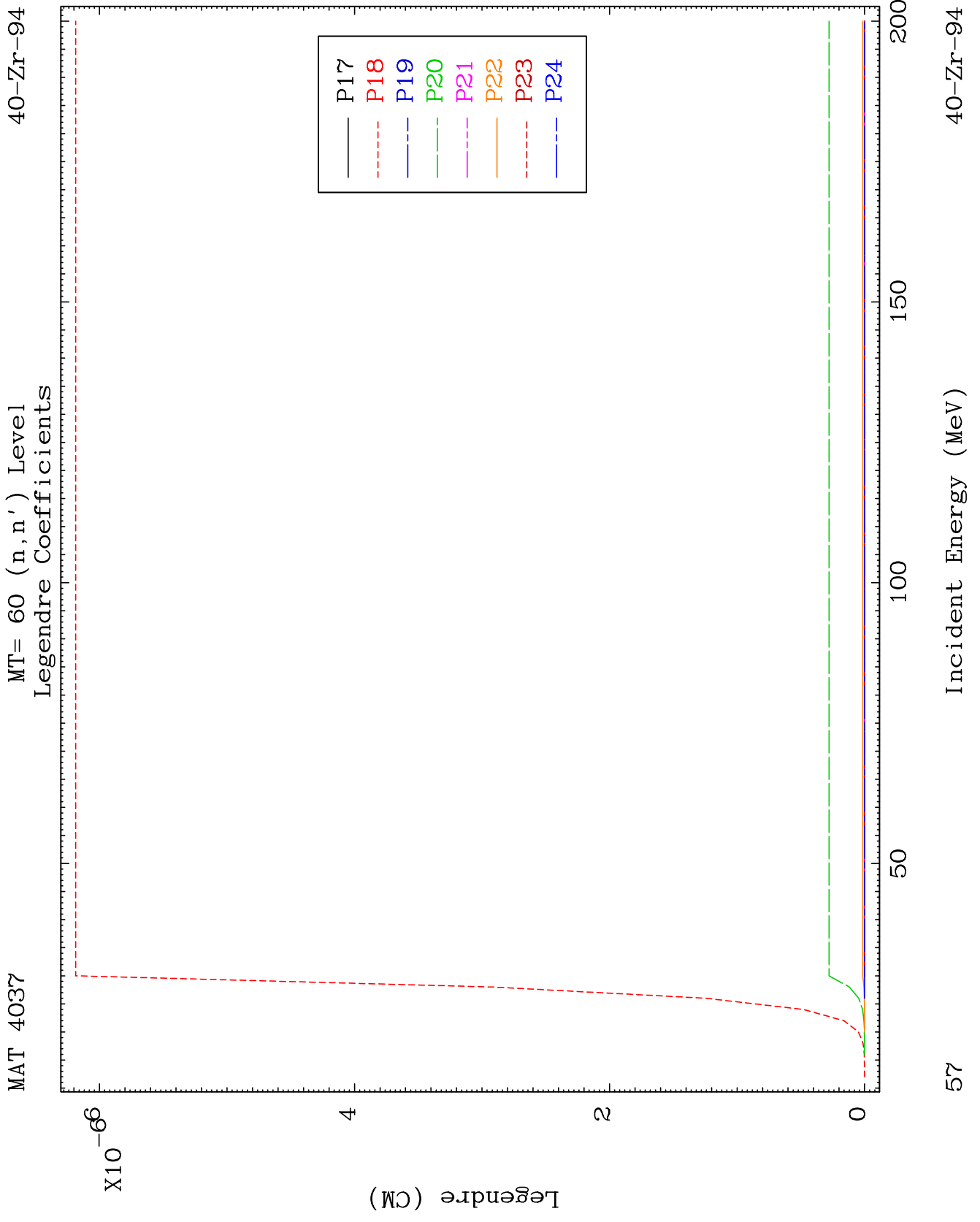
40-Zr-94



56

Incident Energy (MeV)

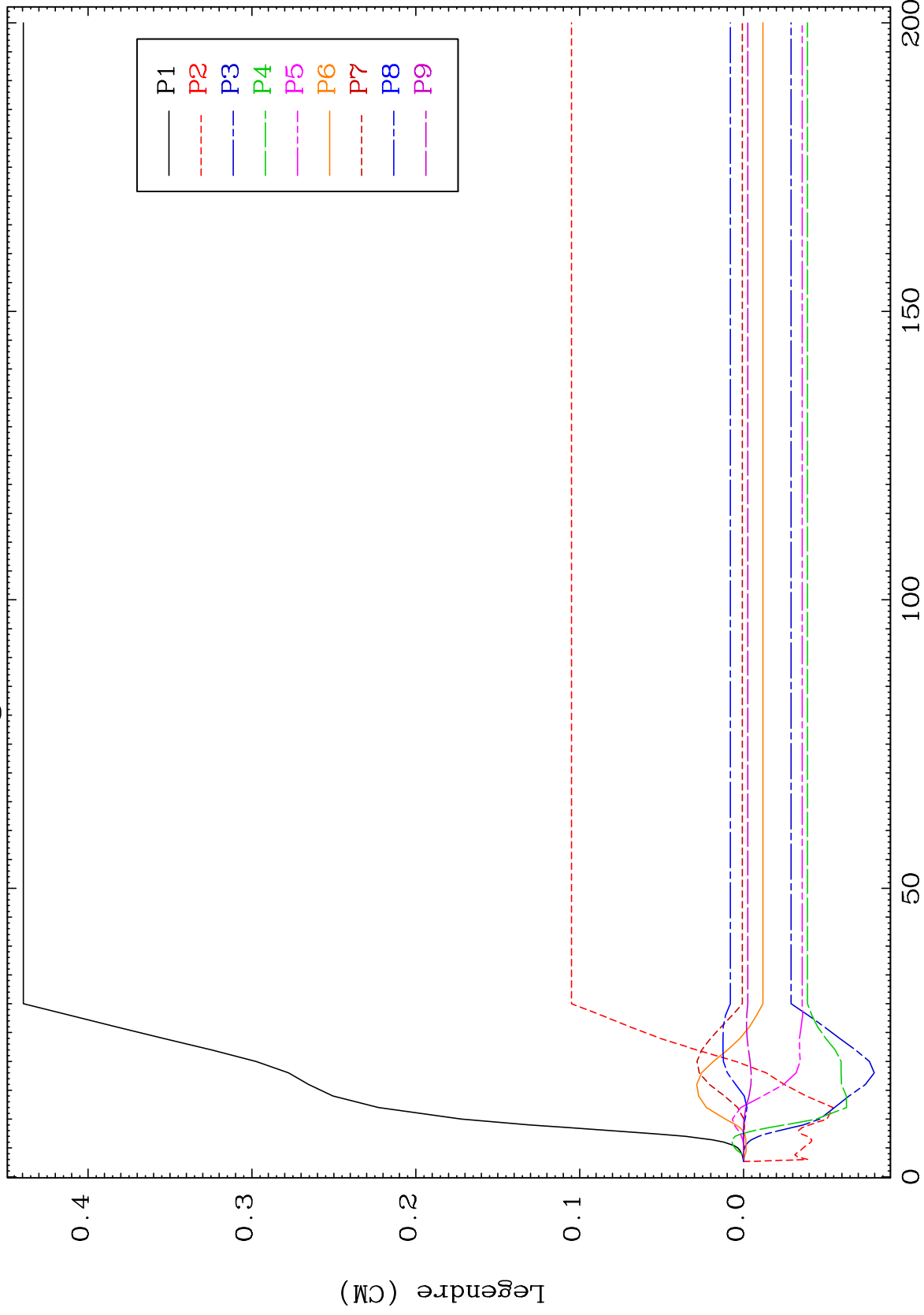
40-Zr-94



MAT 4037

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

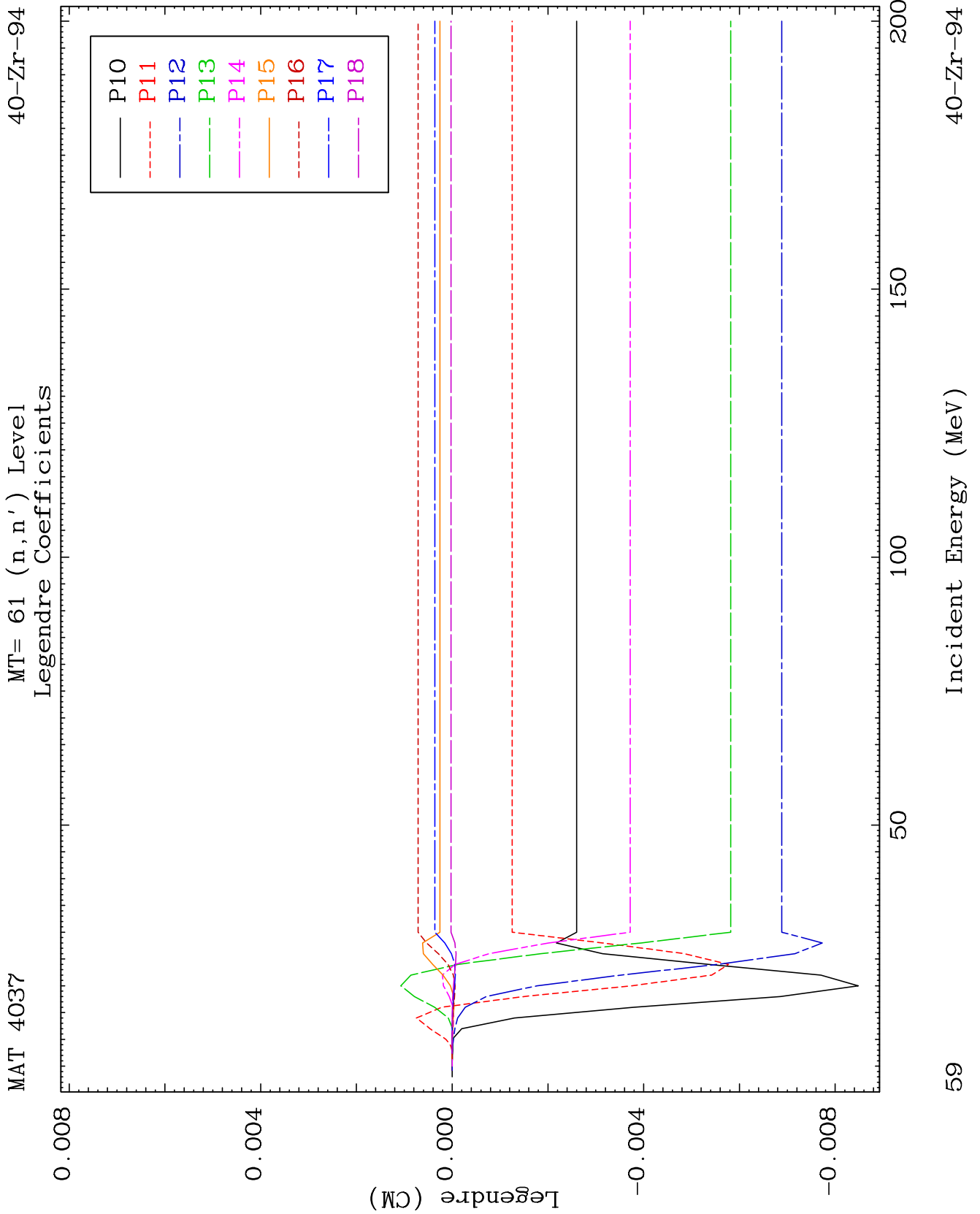
40-Zr-94



40-Zr-94

Incident Energy (MeV)

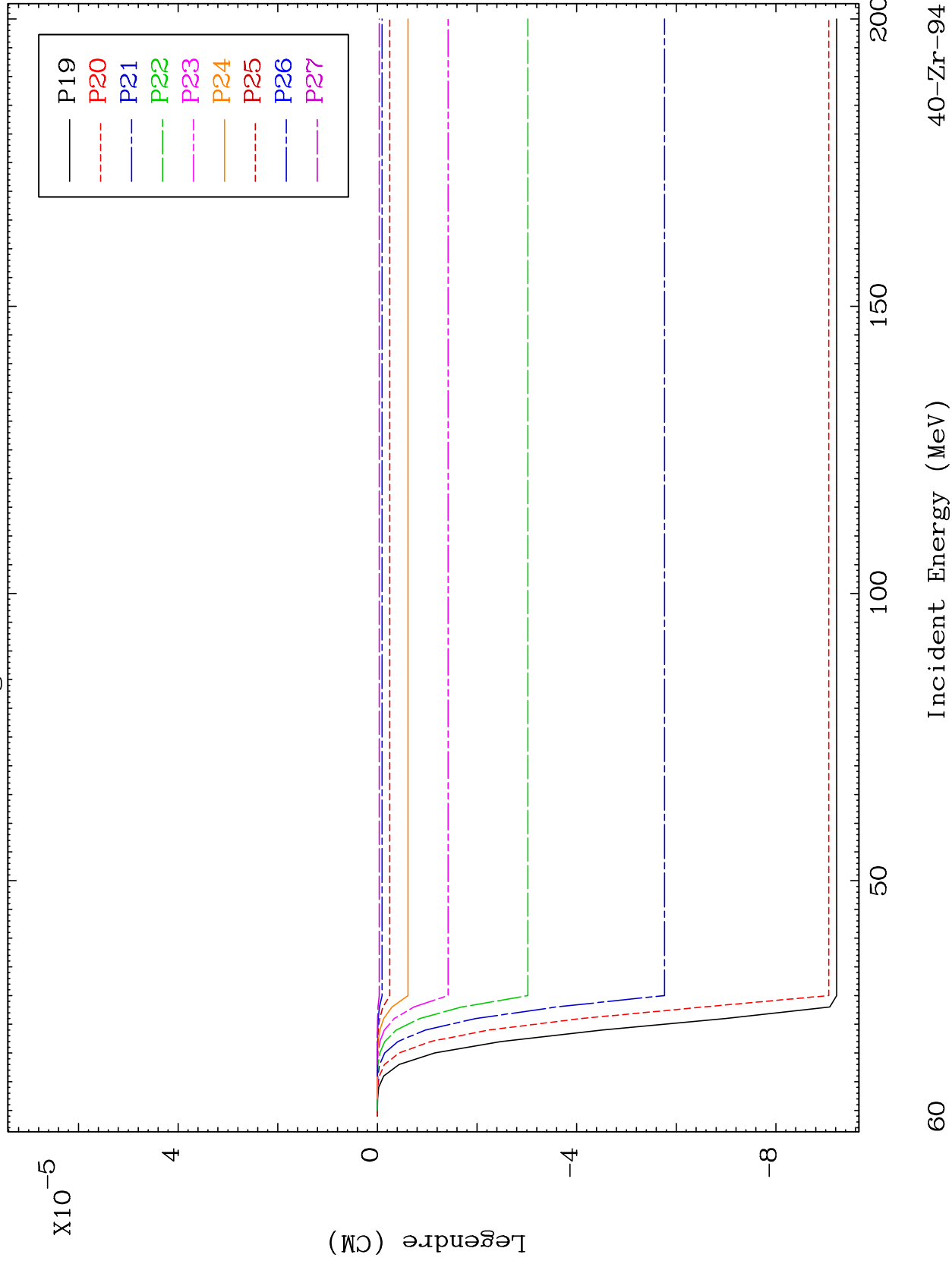
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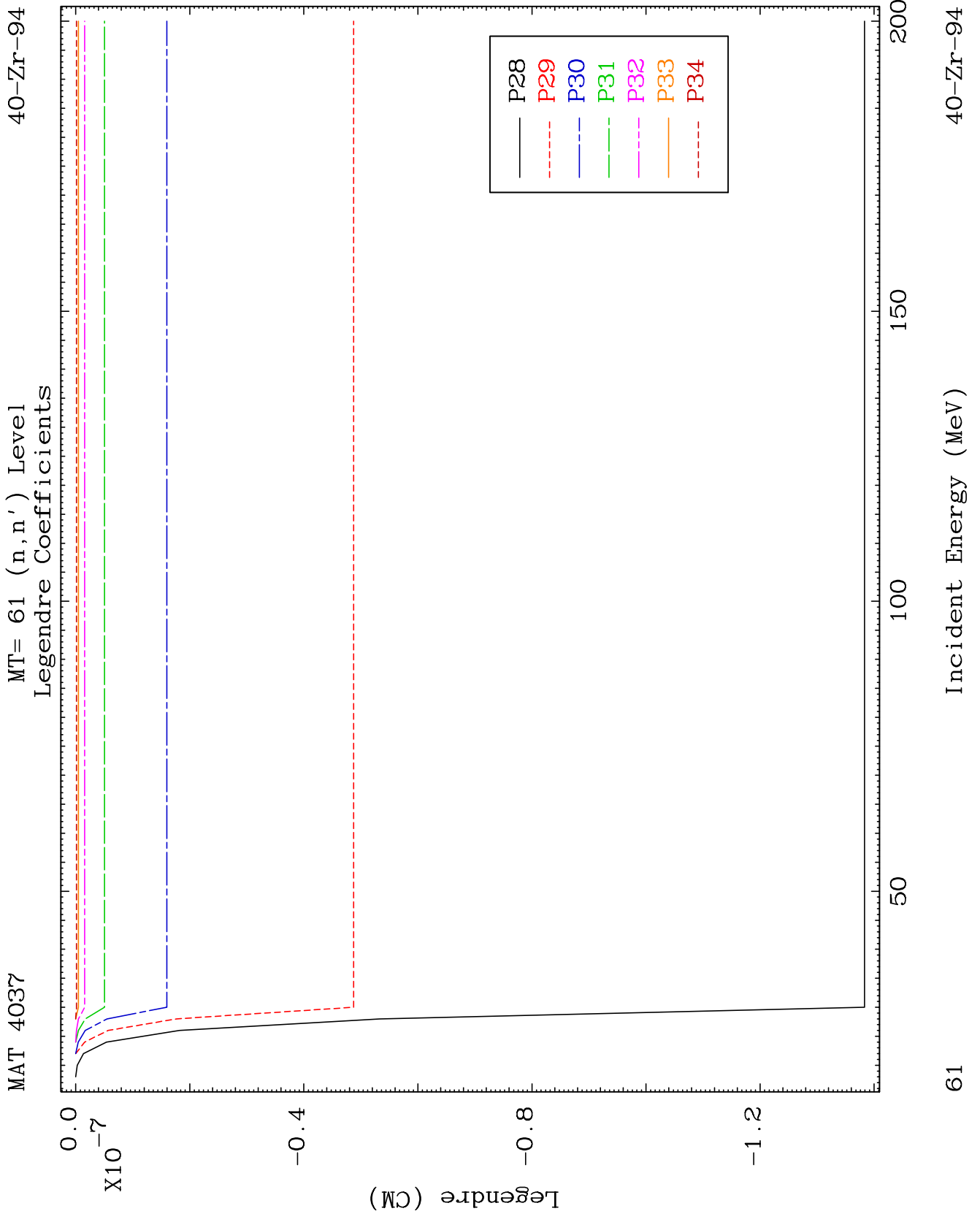


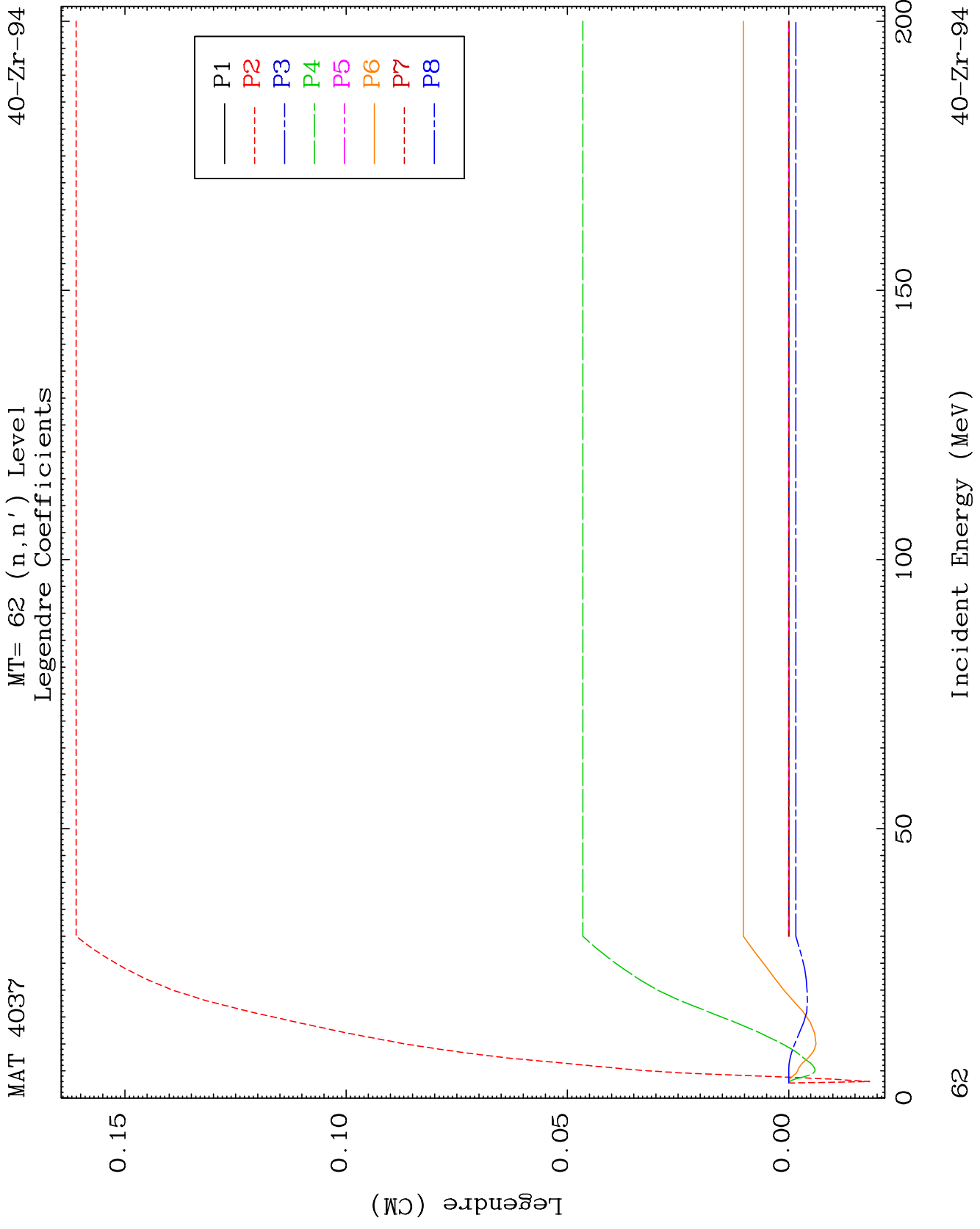
MAT 4037

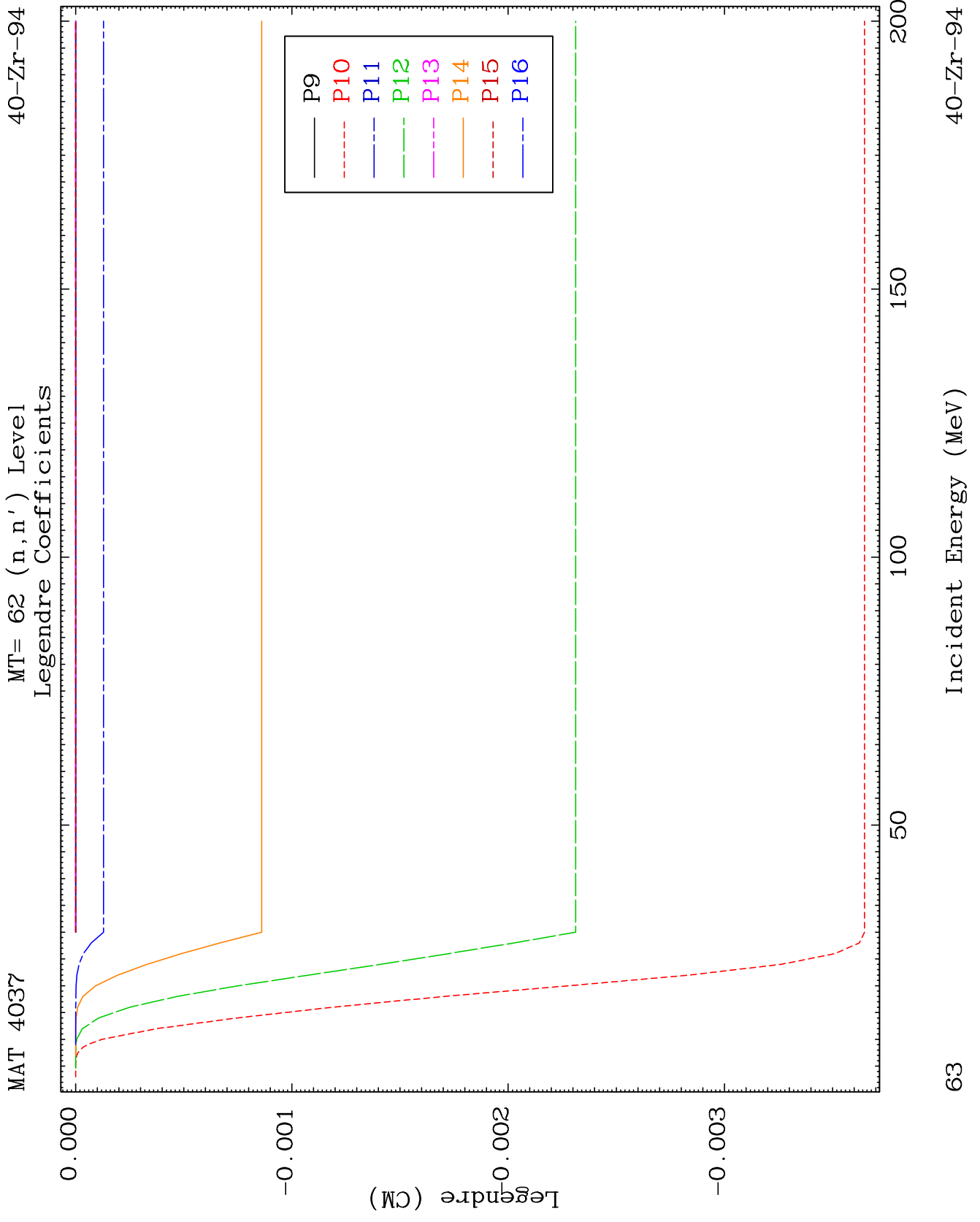
MT= 61 (n,n') Level
Legendre Coefficients

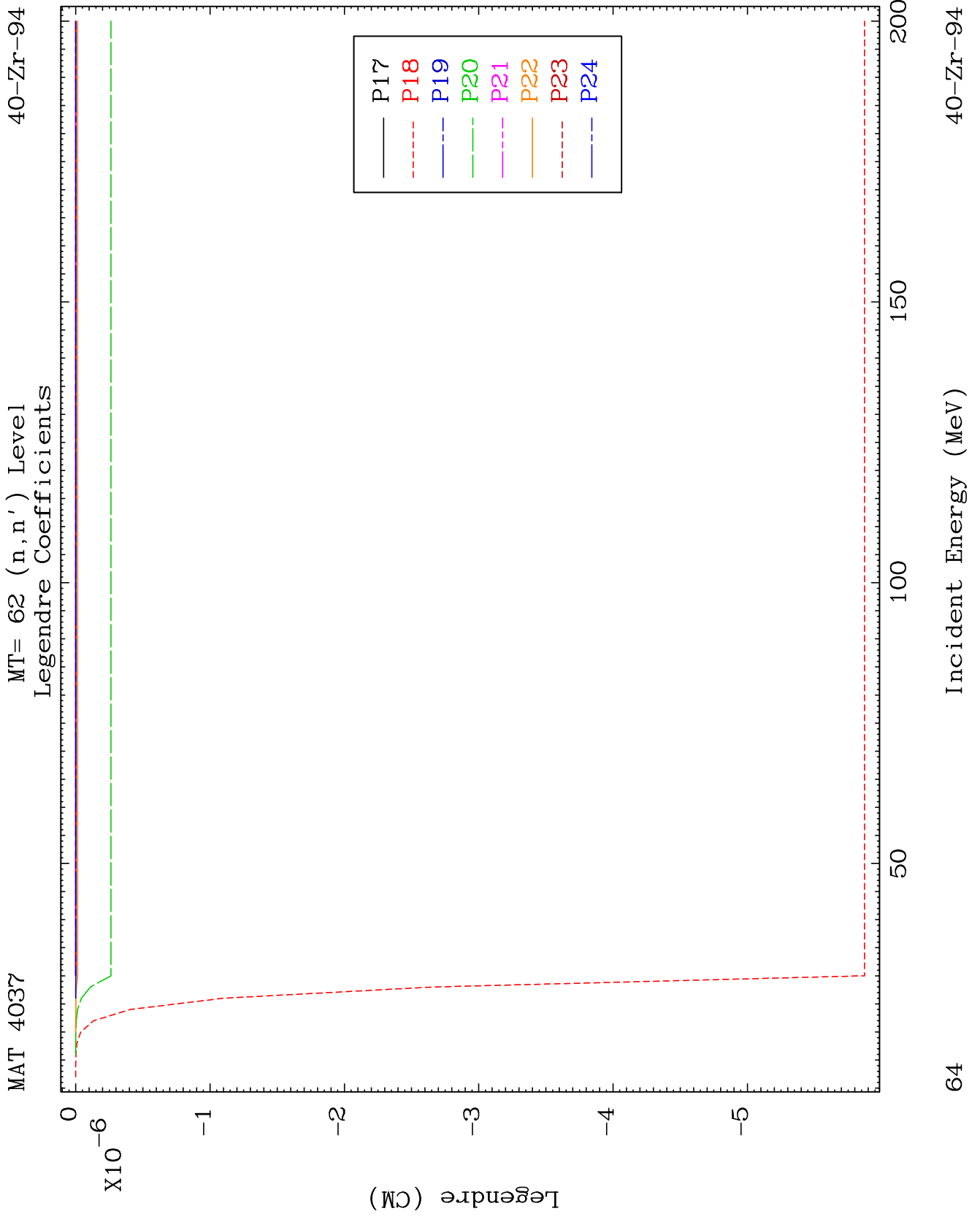
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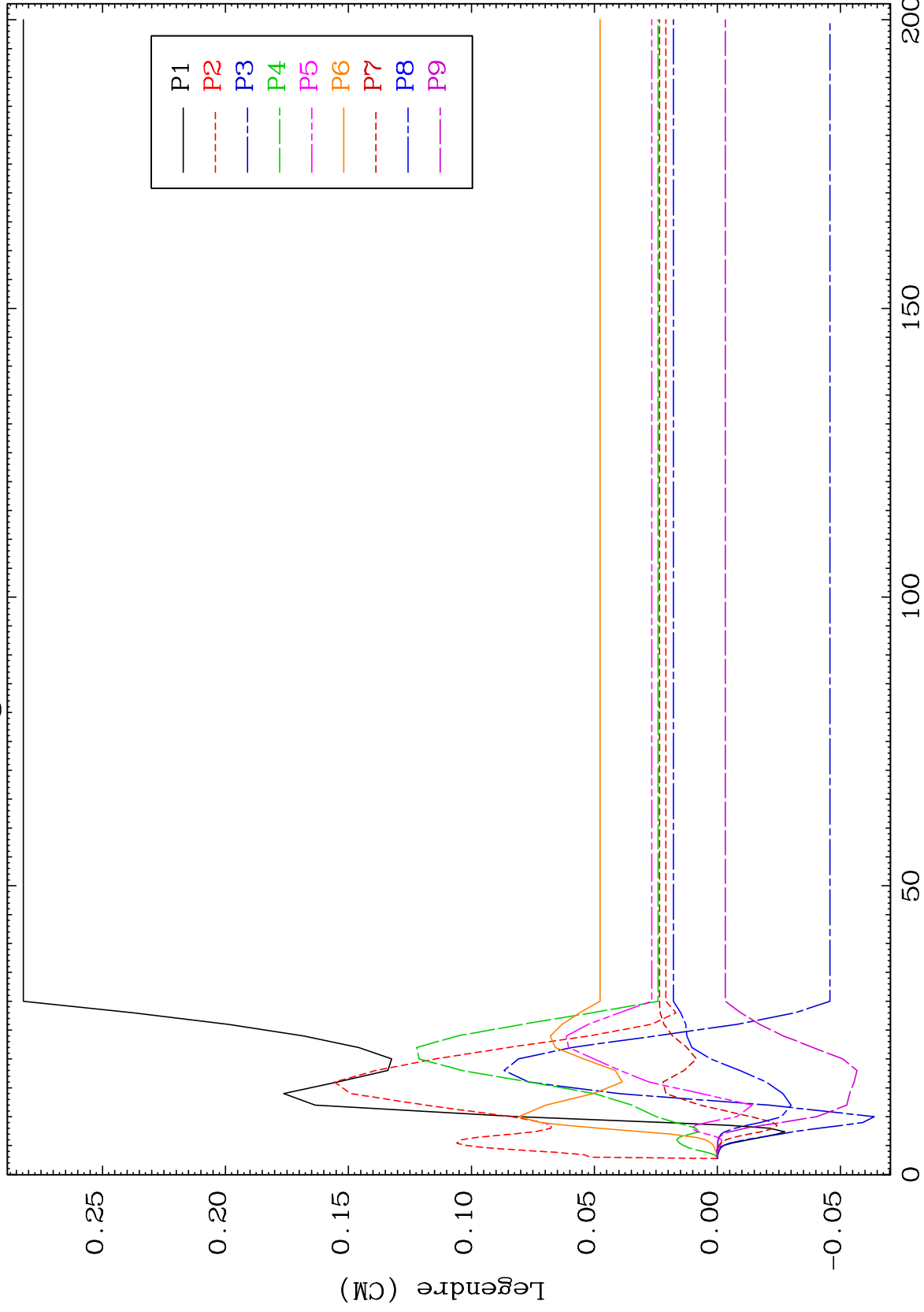




MAT 4037

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

40-Zr-94



65

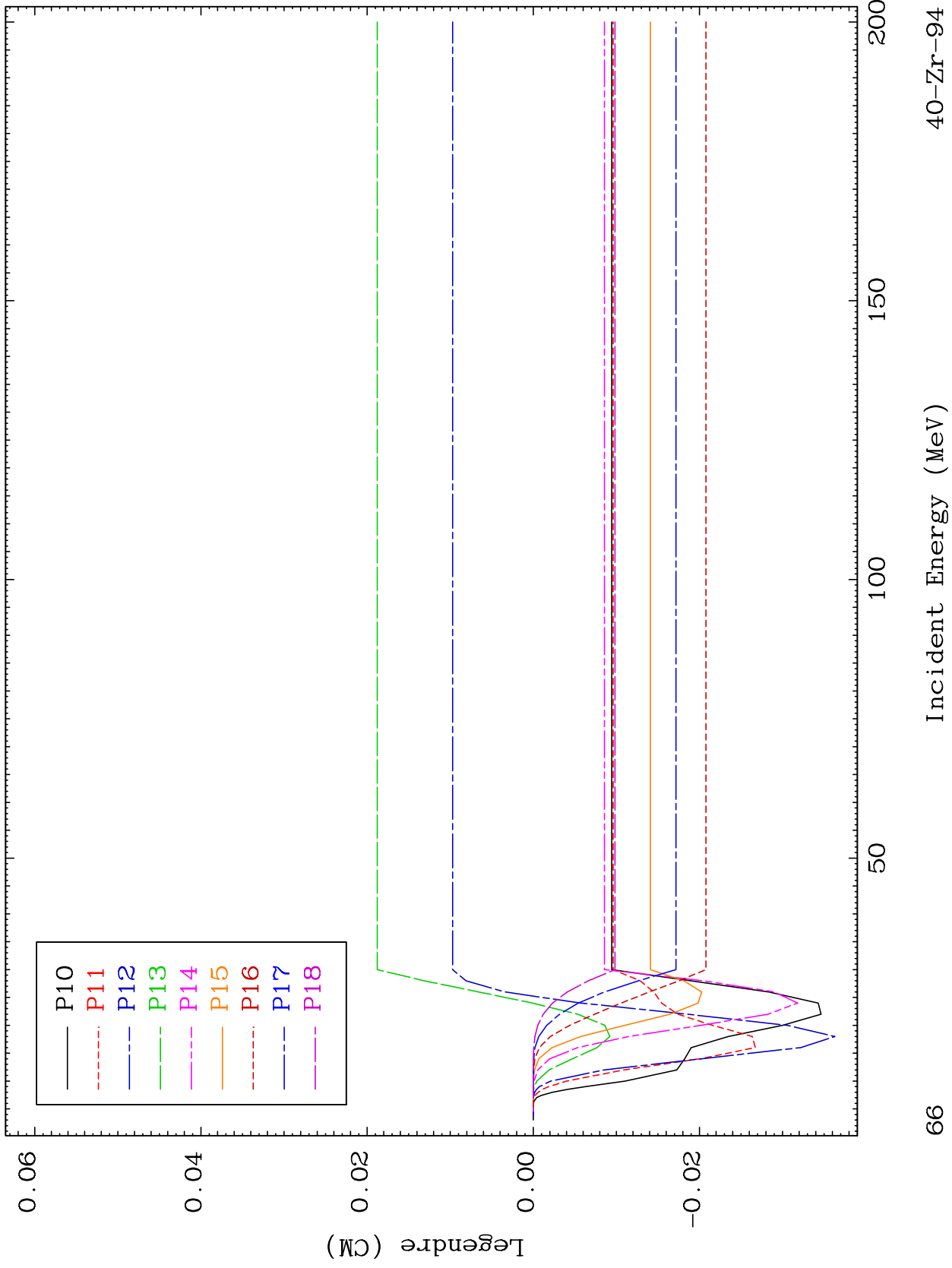
Incident Energy (MeV)

40-Zr-94

MAT 4037

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

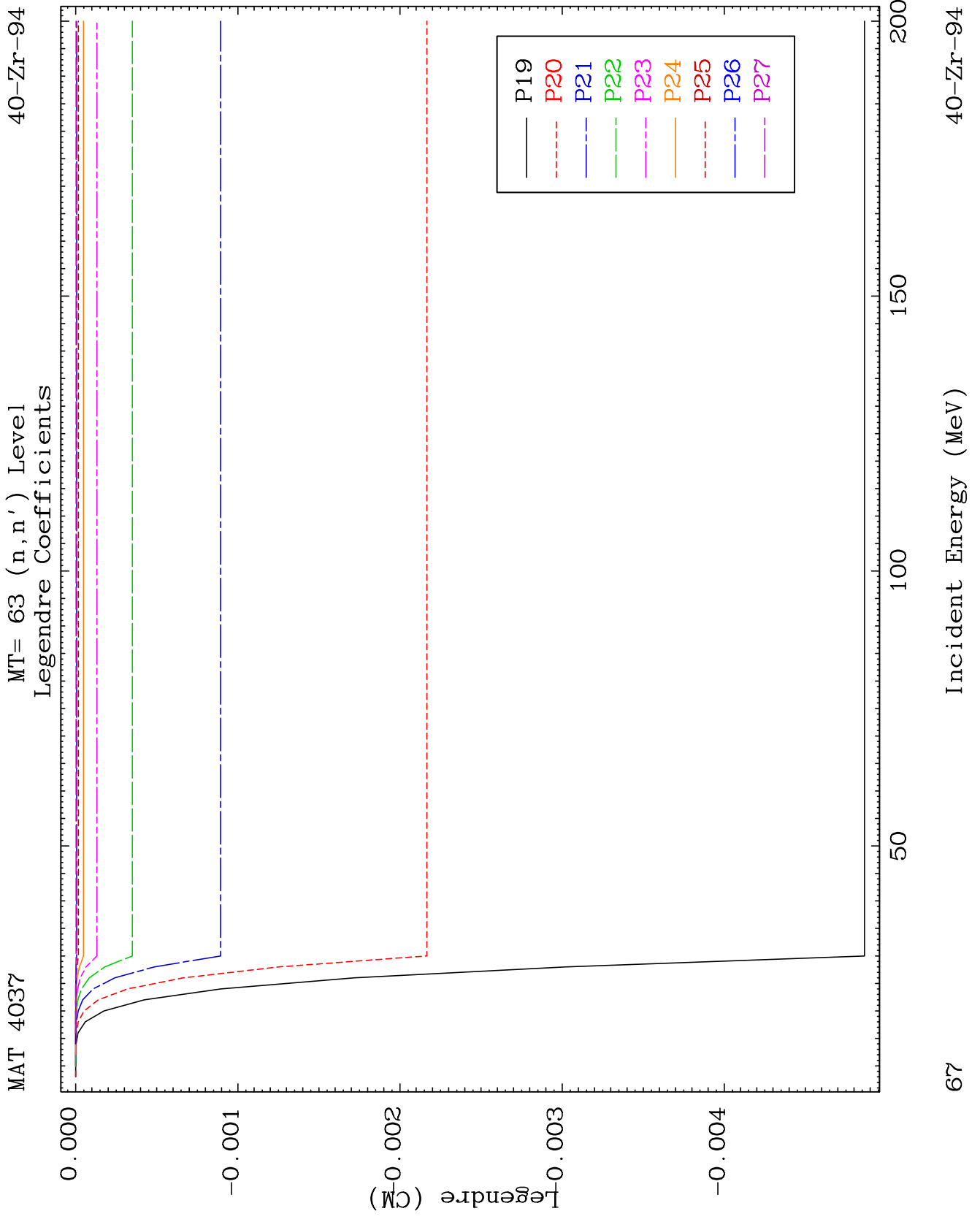
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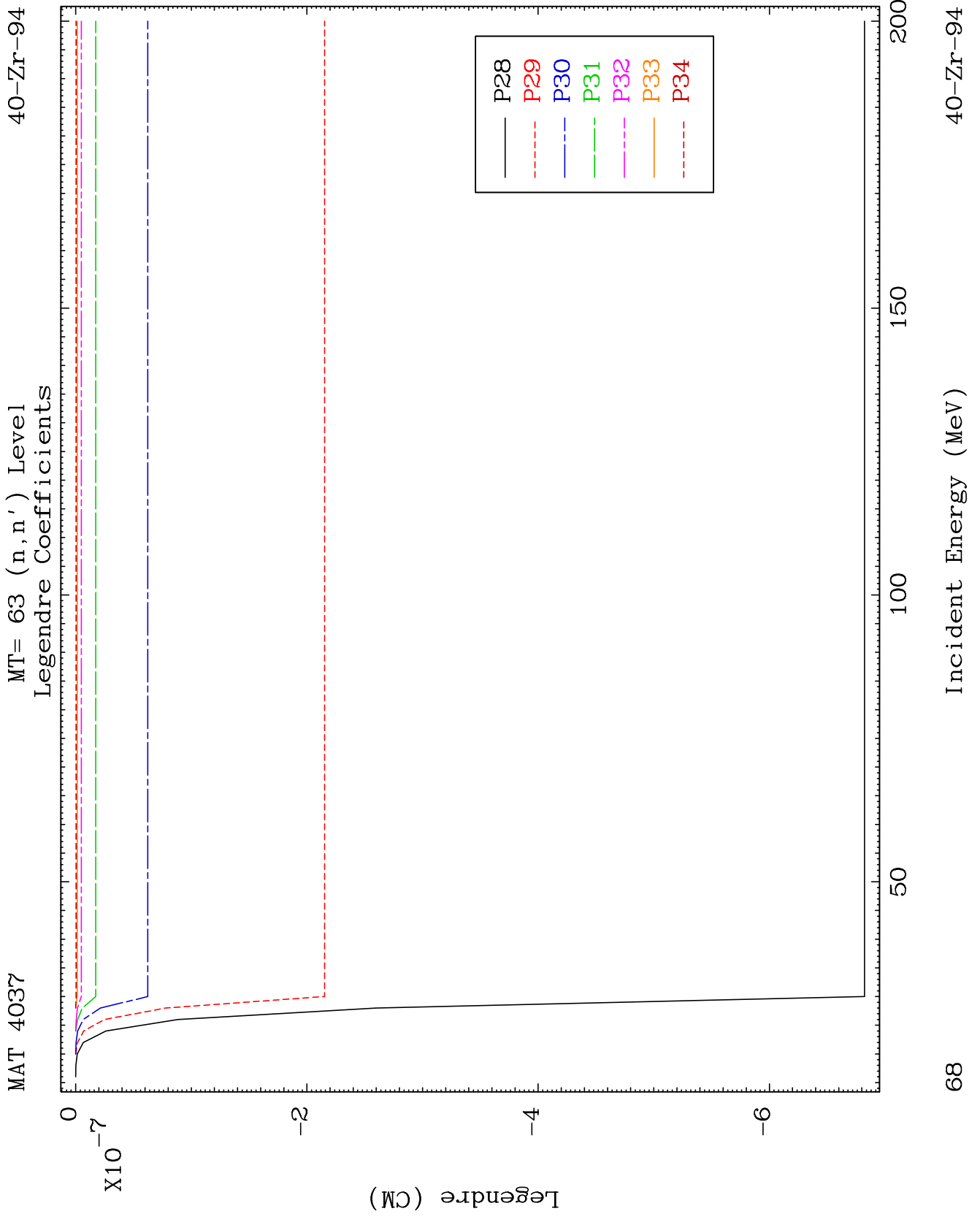


66

Incident Energy (MeV)

40-Zr-94

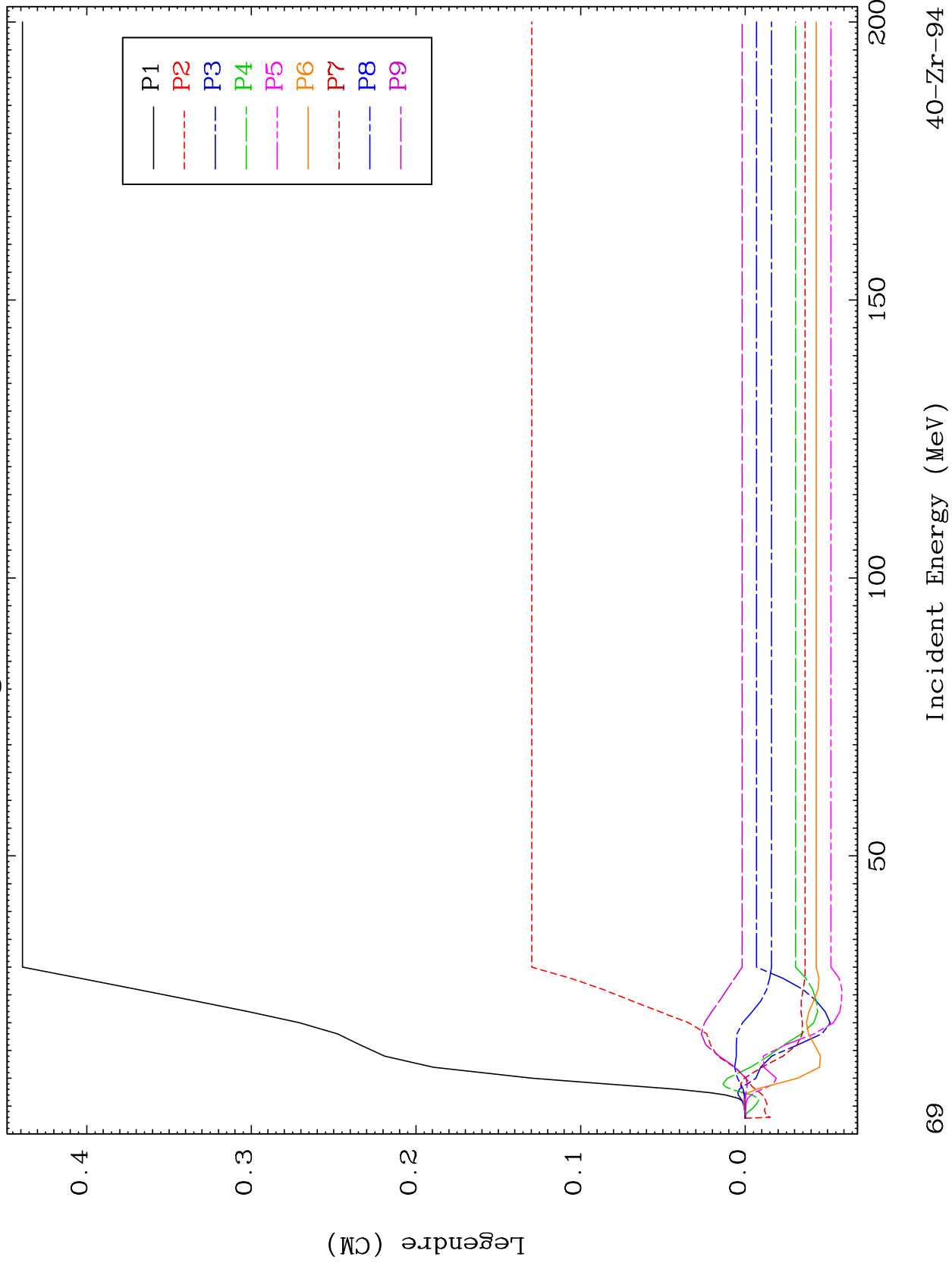




MAT 4037

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

40-Zr-94

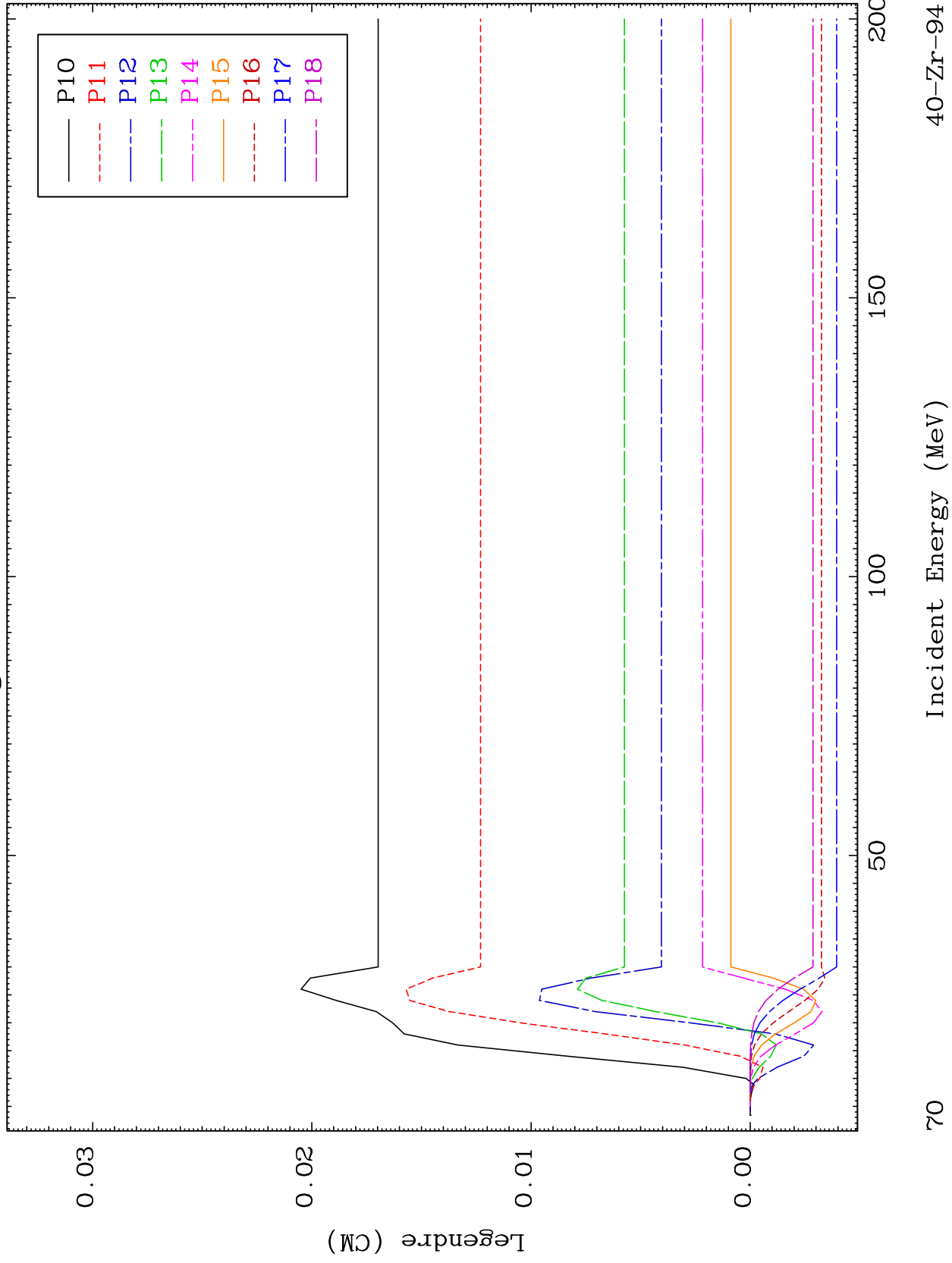


69

MAT 4037

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

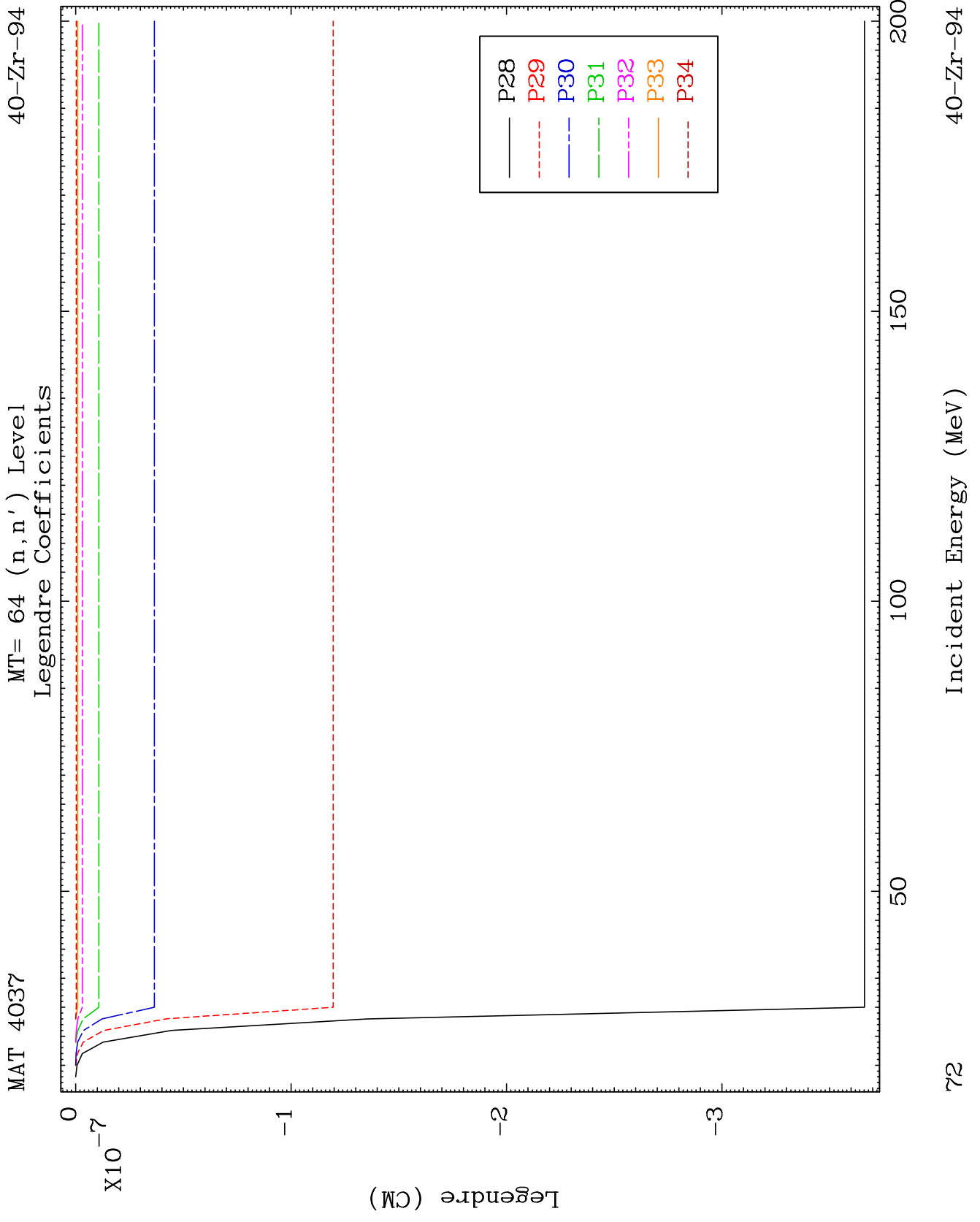
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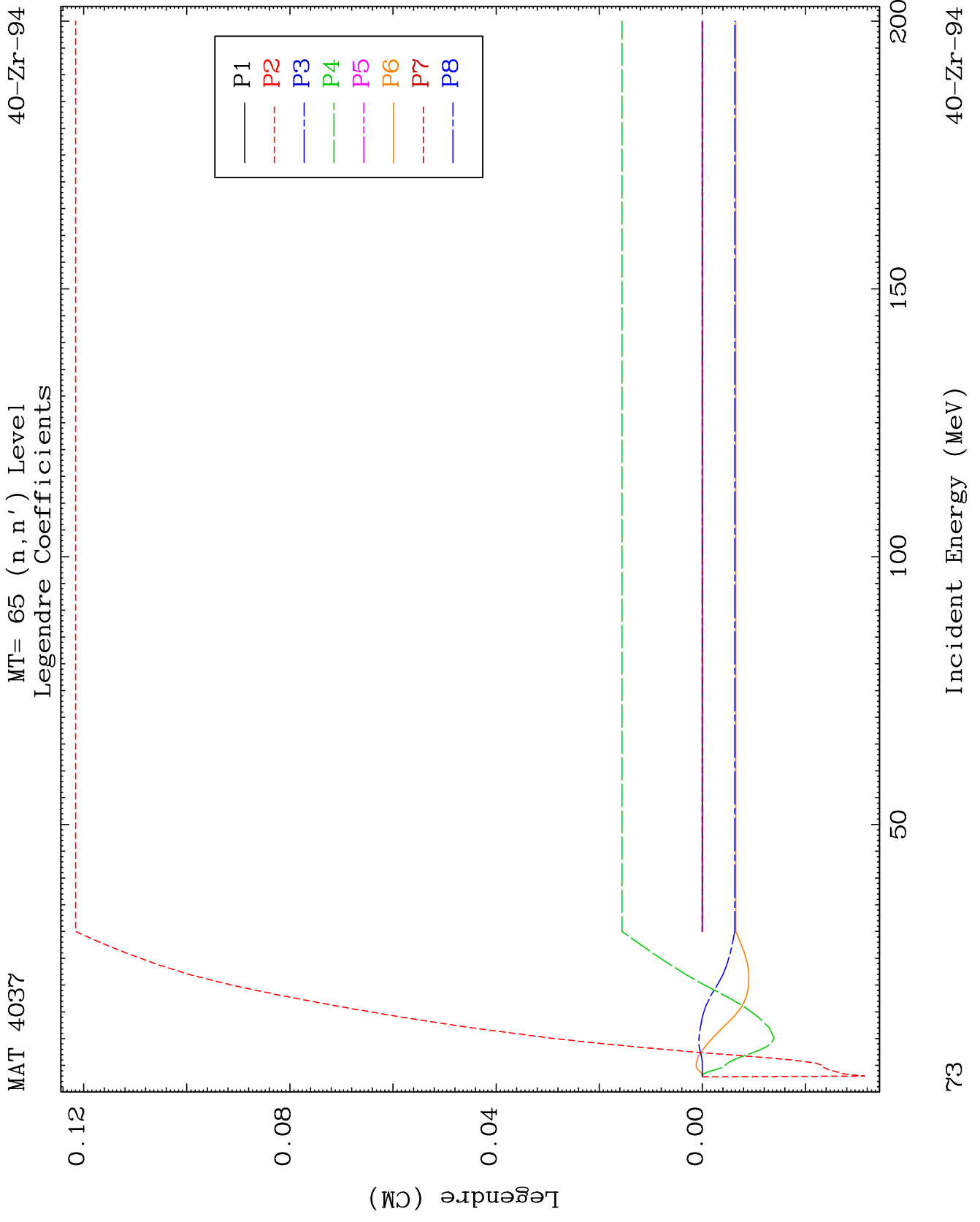


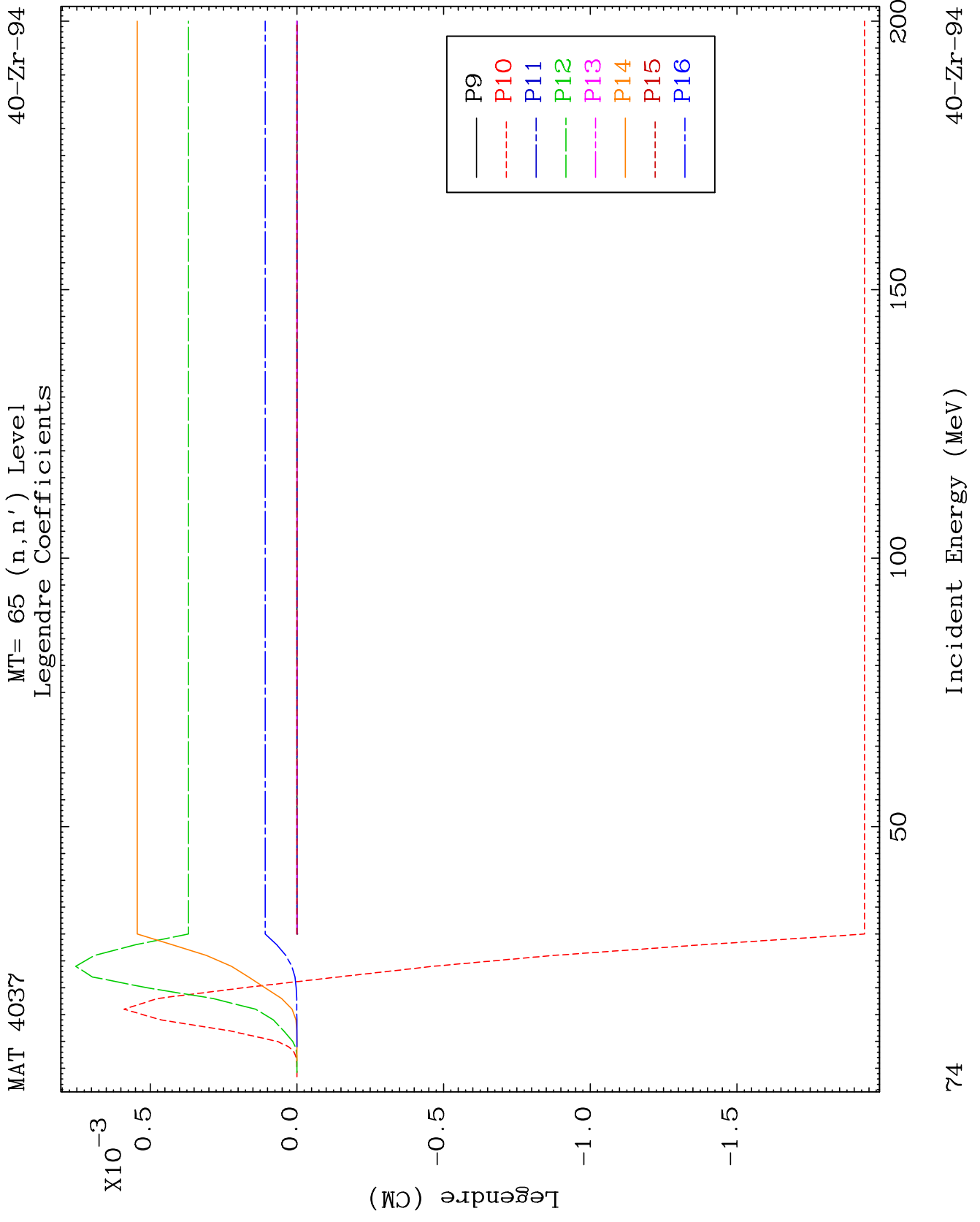
70

Incident Energy (MeV)

40-Zr-94



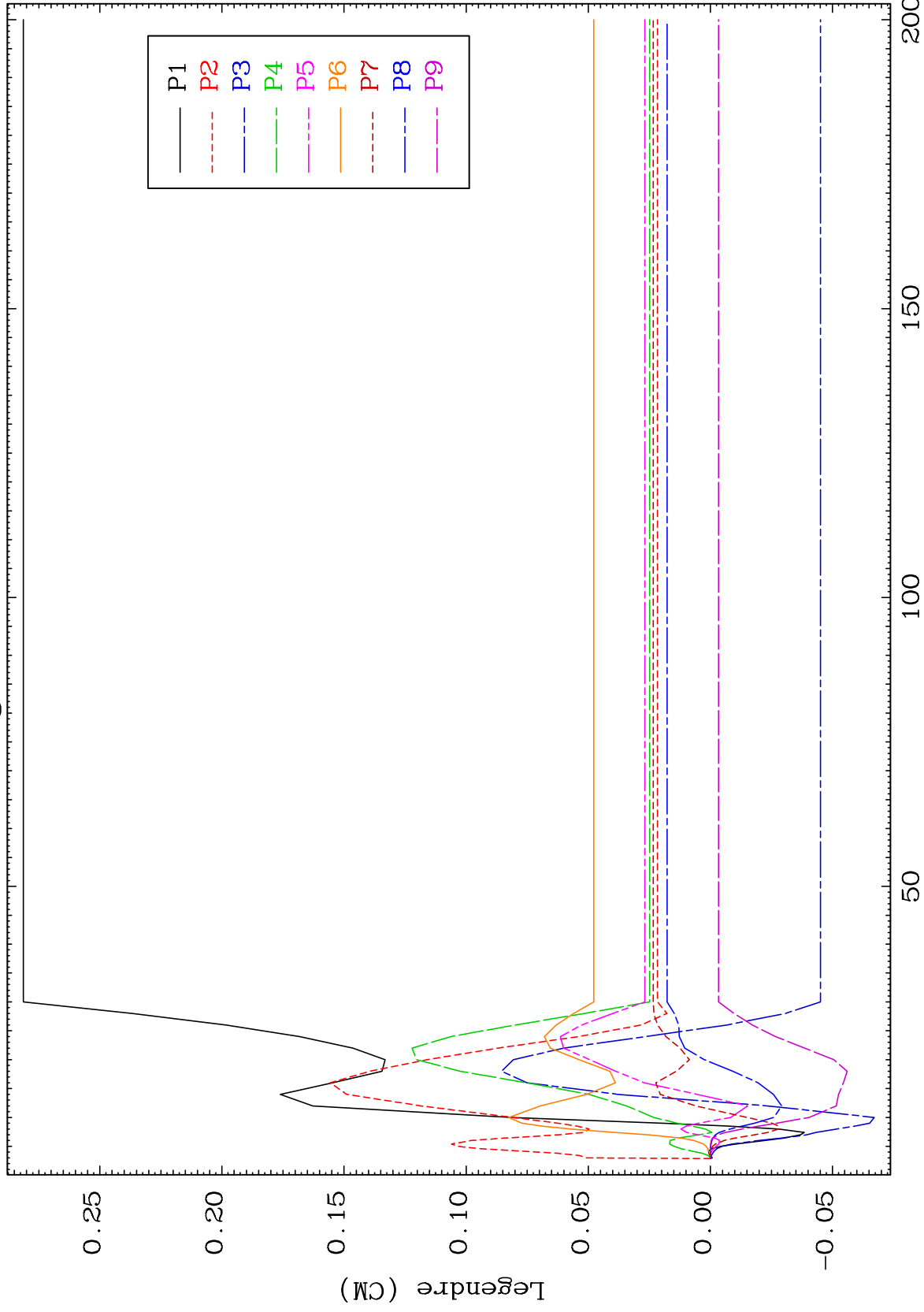




MAT 4037

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

40-Zr-94



76

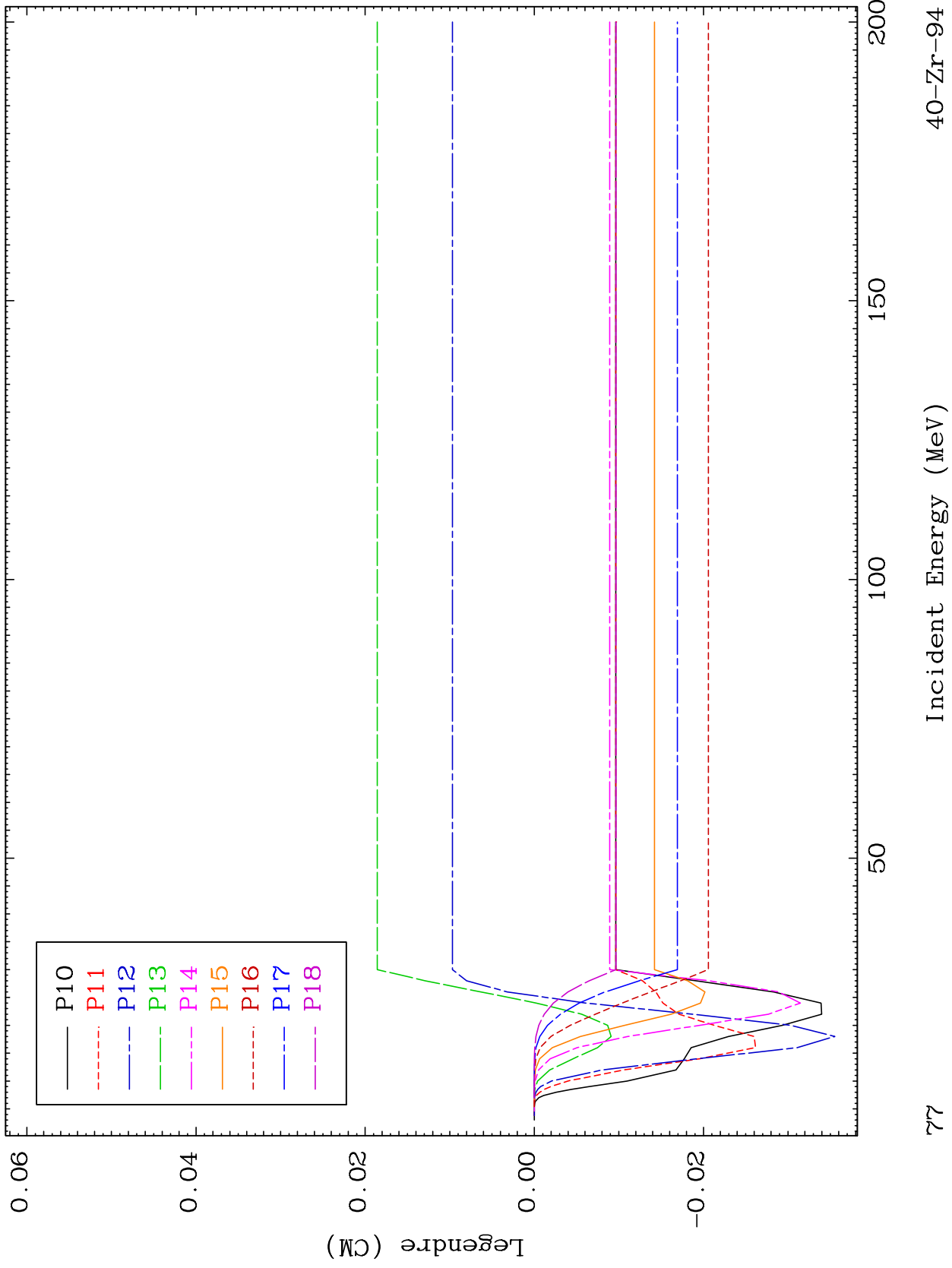
Incident Energy (MeV)

40-Zr-94

MAT 4037

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

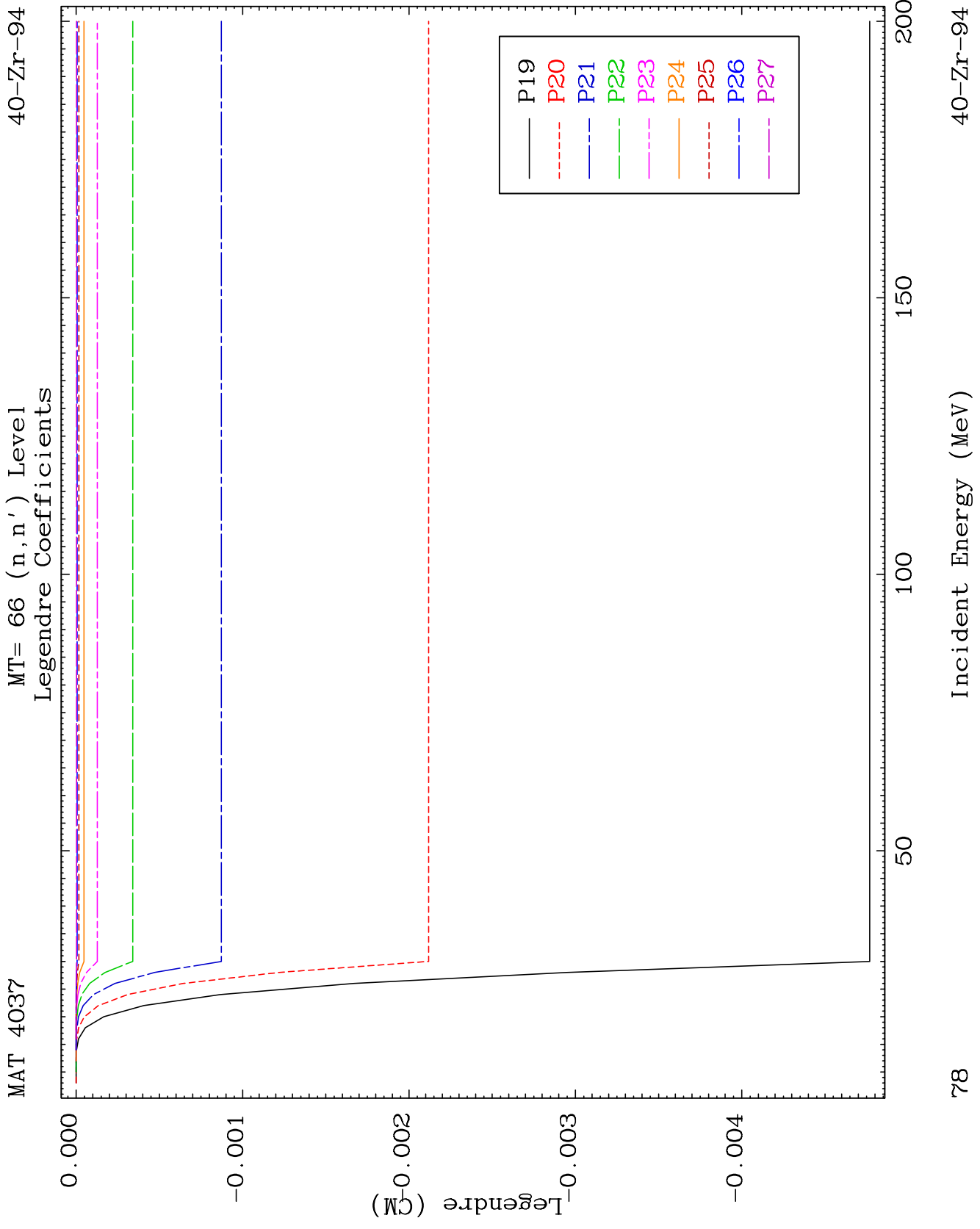
40-Zr-94

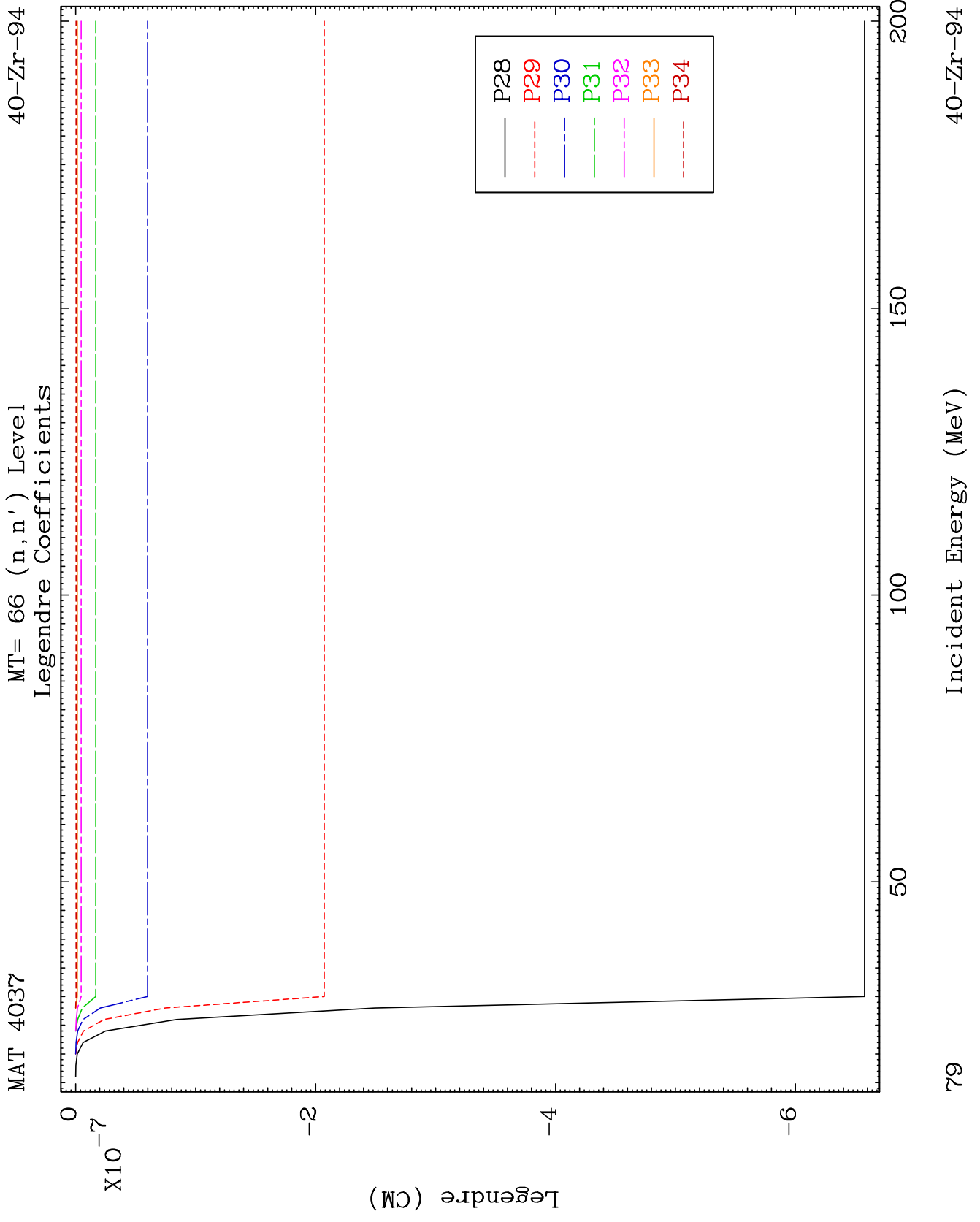


77

Incident Energy (MeV)

40-Zr-94

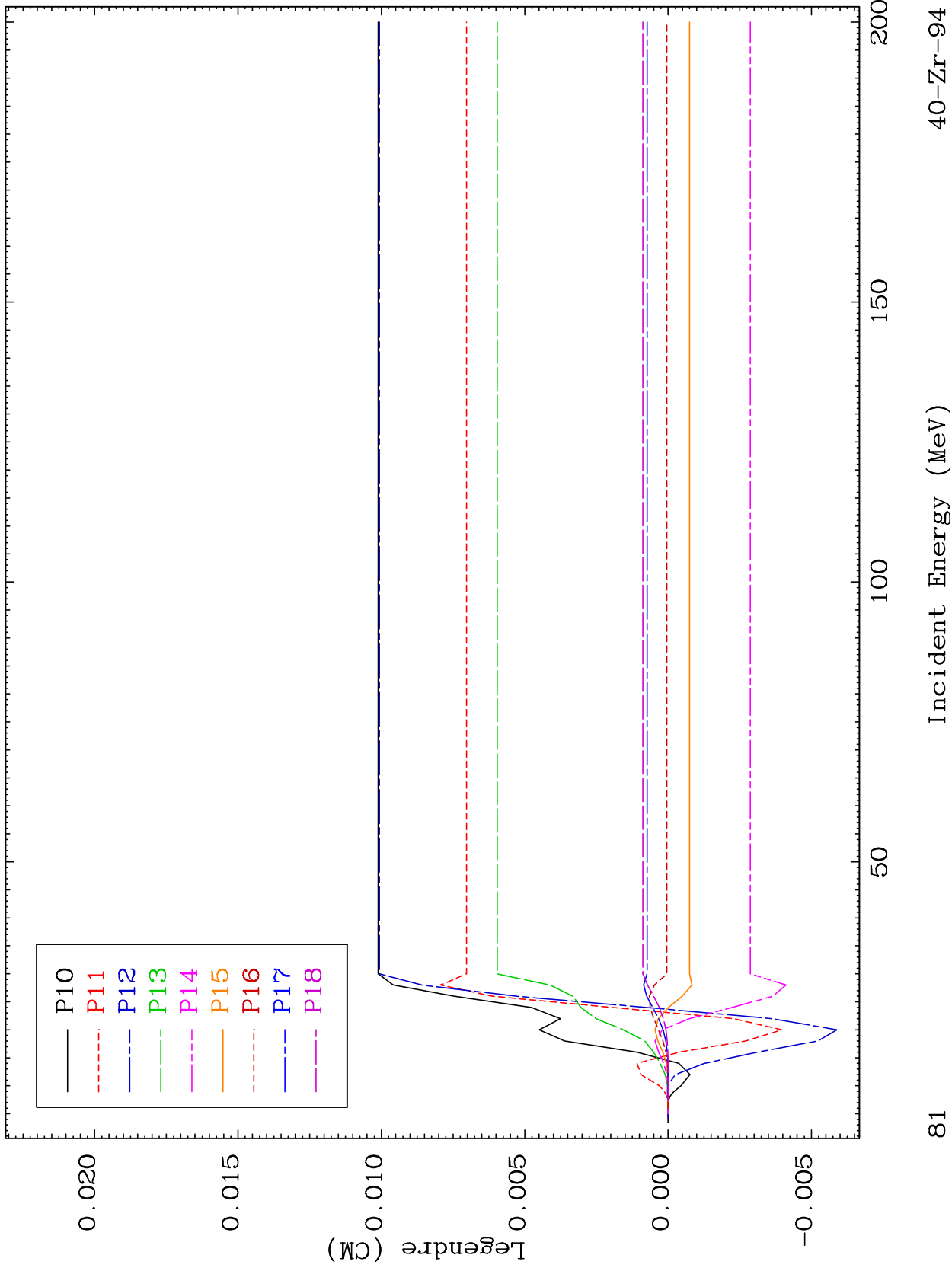


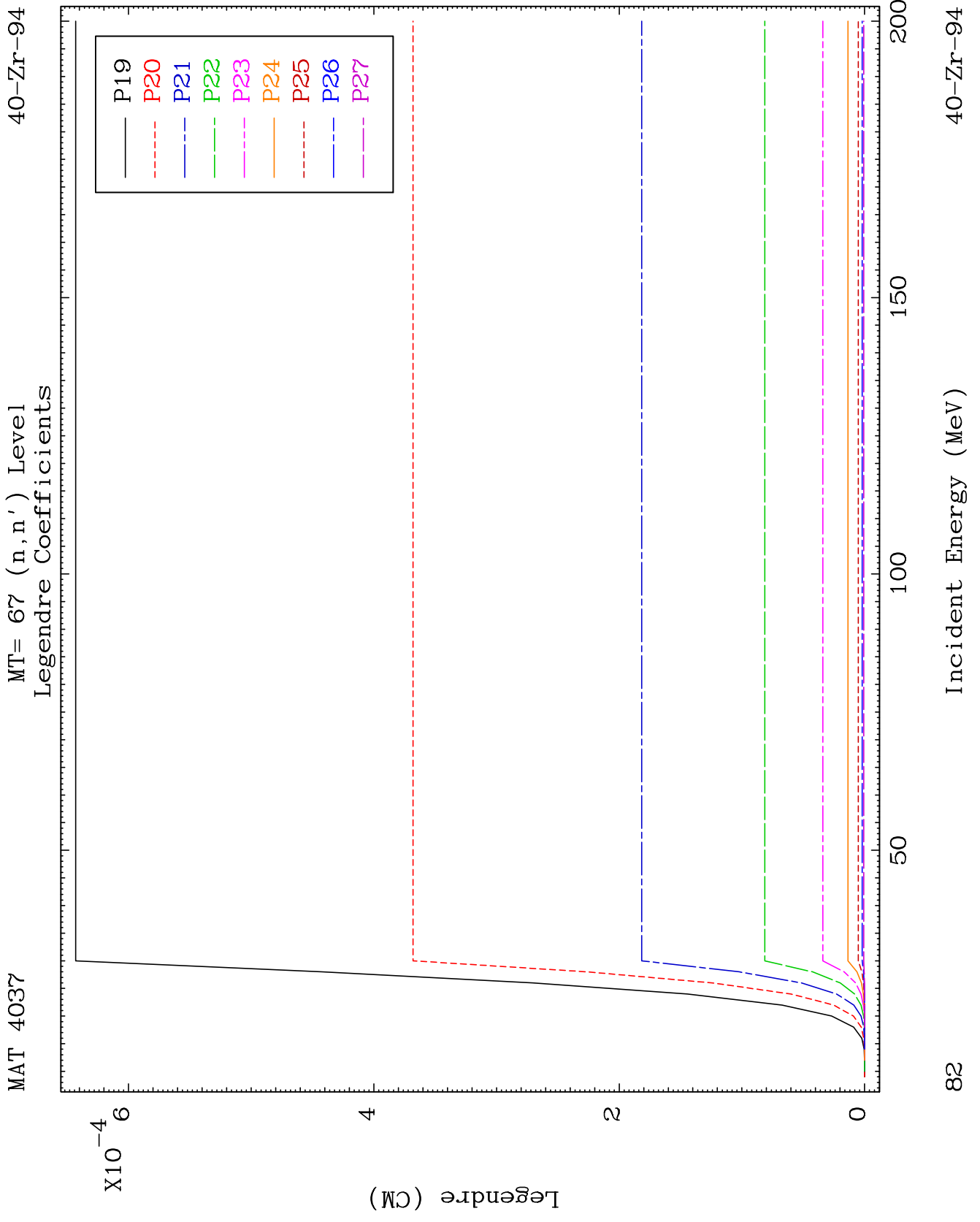


MAT 4037

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

40-Zr-94

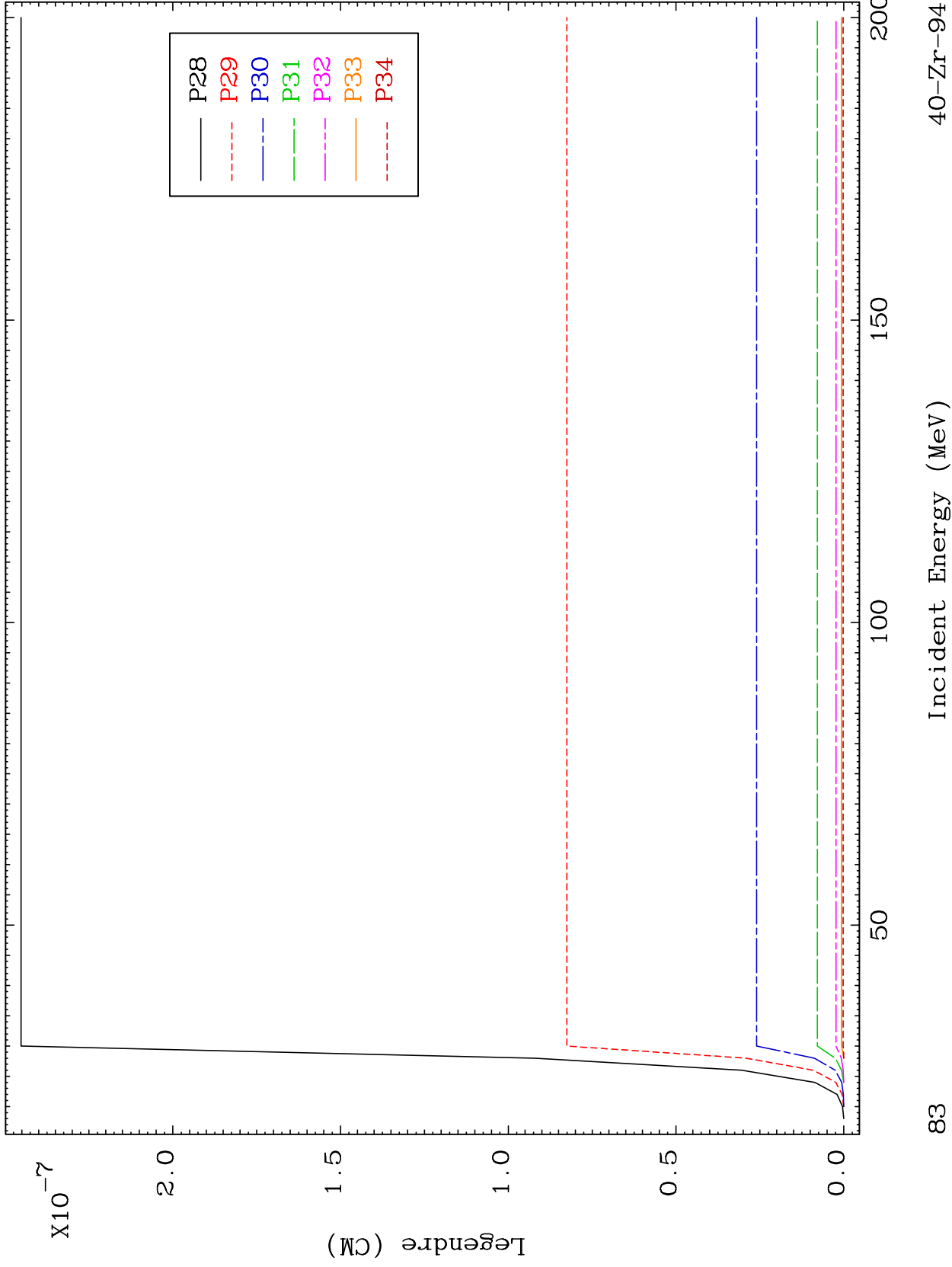




MAT 4037

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

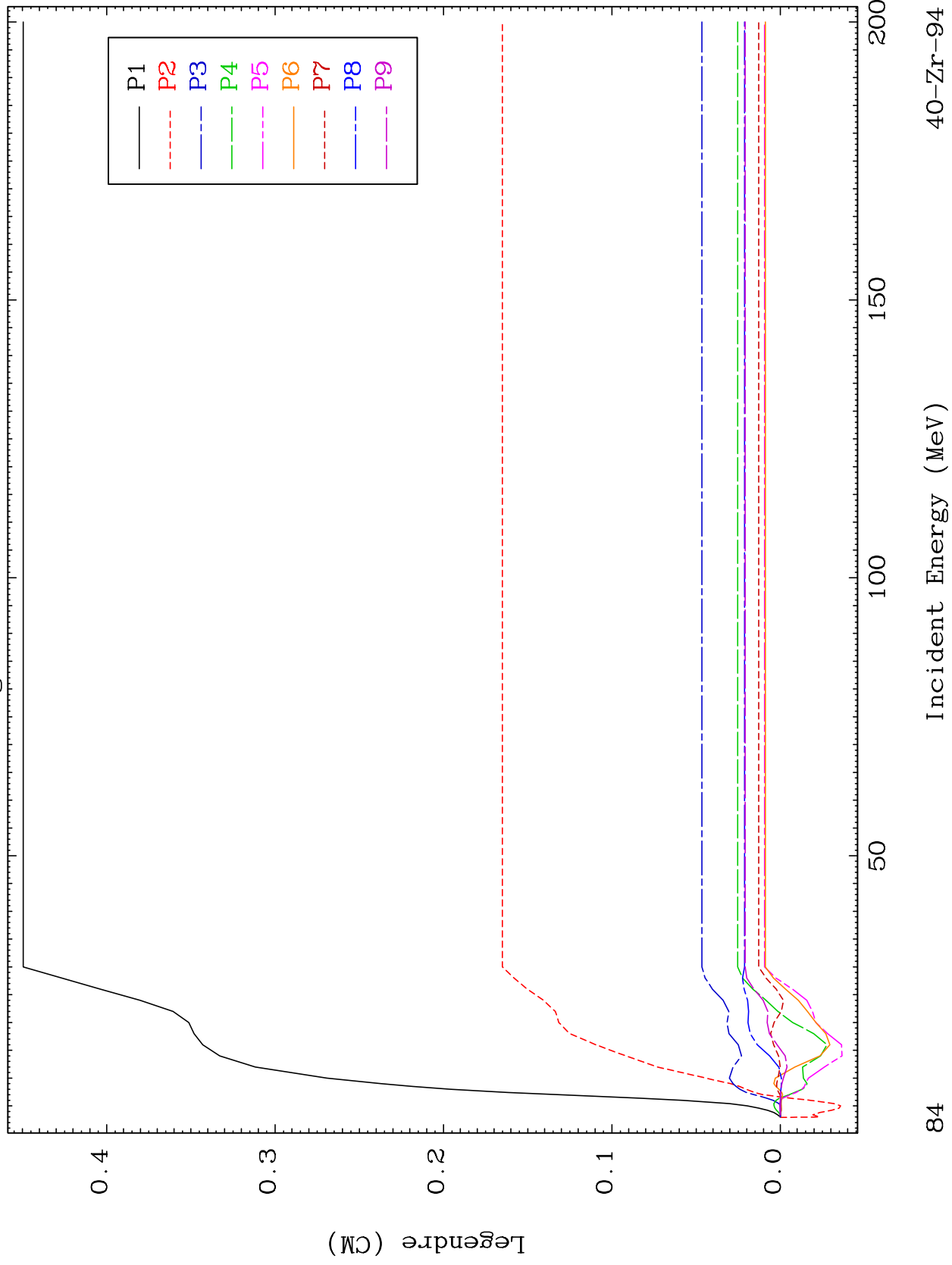
40-Zr-94



MAT 4037

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

40-Zr-94



84

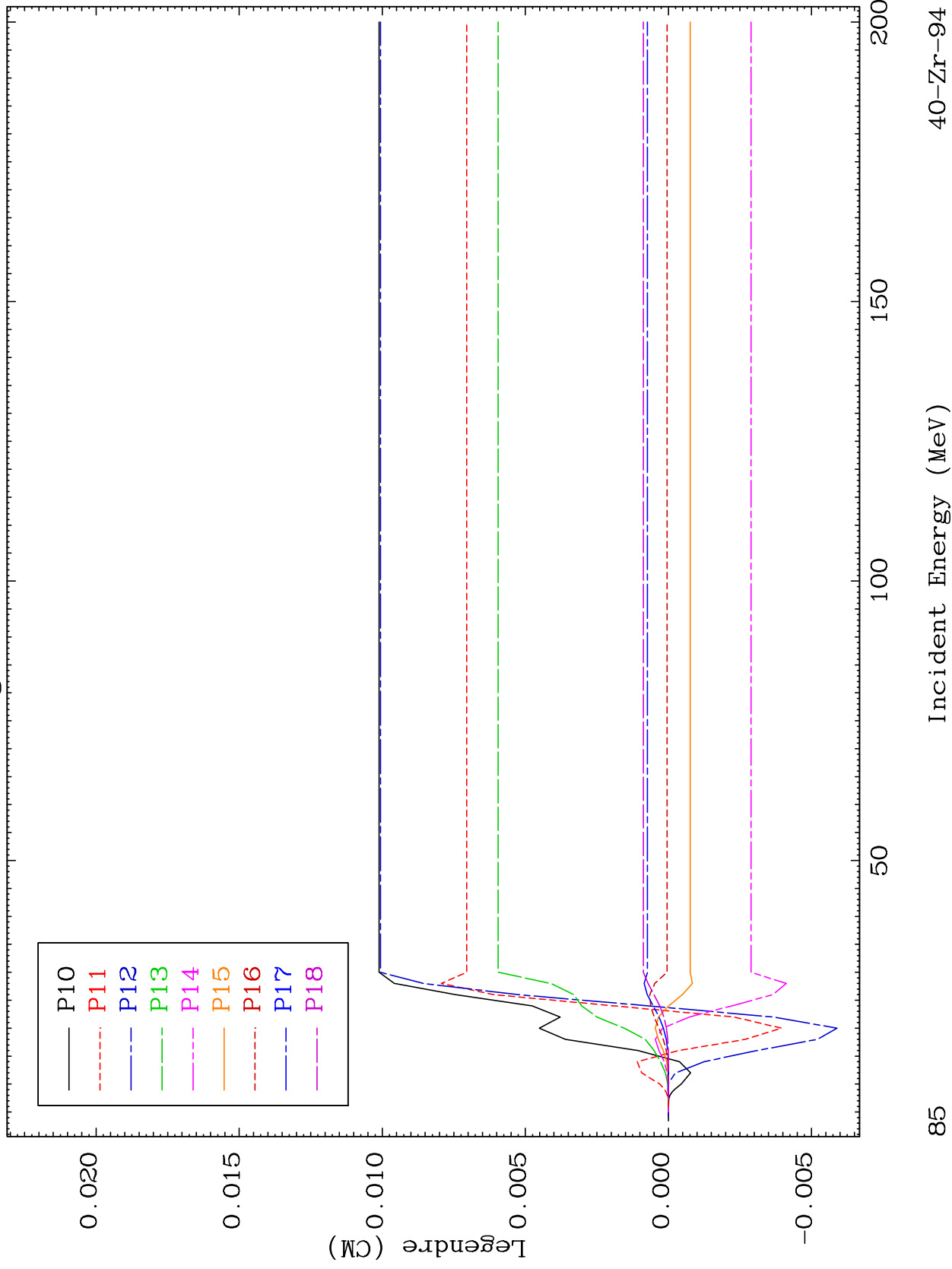
Incident Energy (MeV)

40-Zr-94

MAT 4037

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

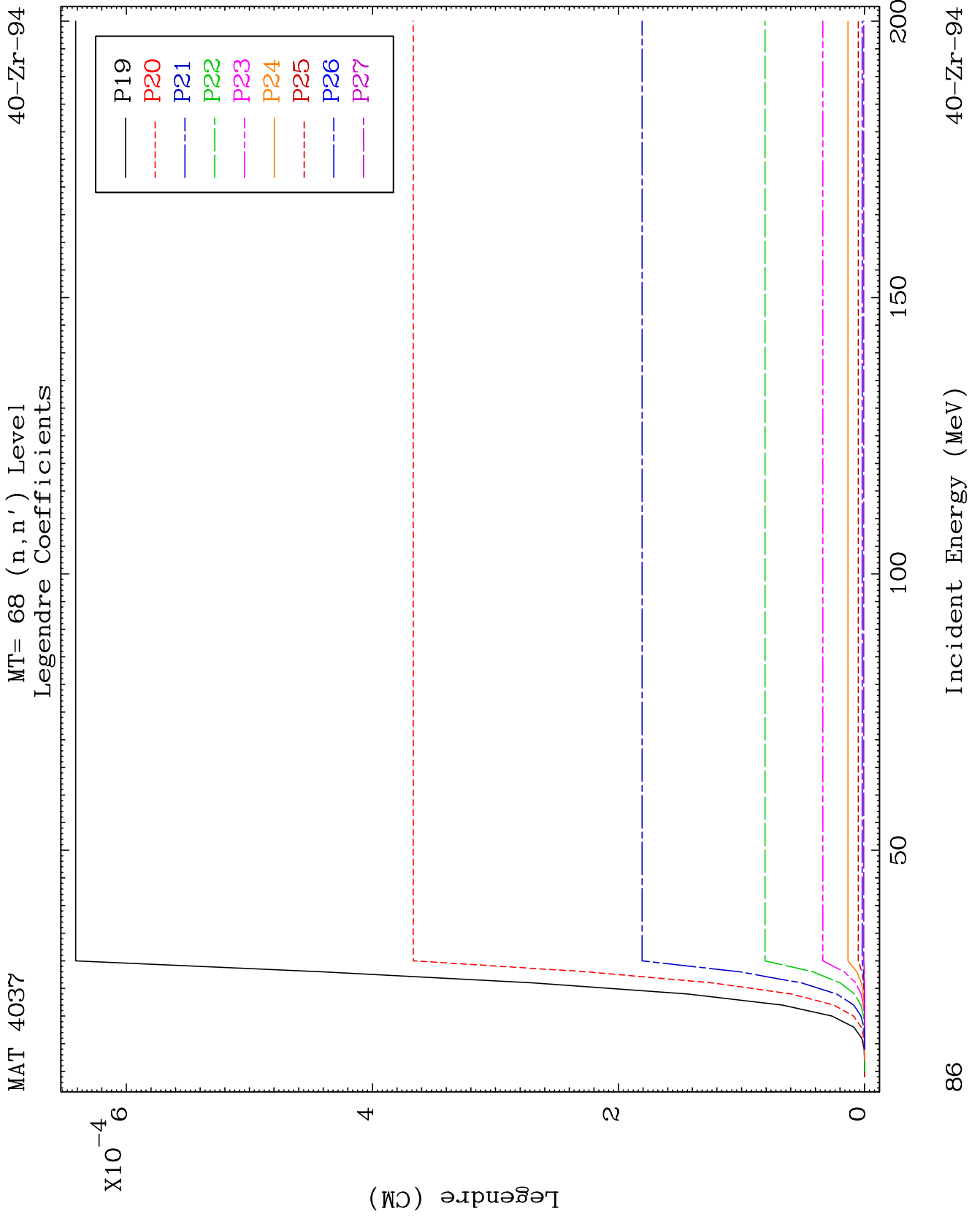
40-Zr-94



85

Incident Energy (MeV)

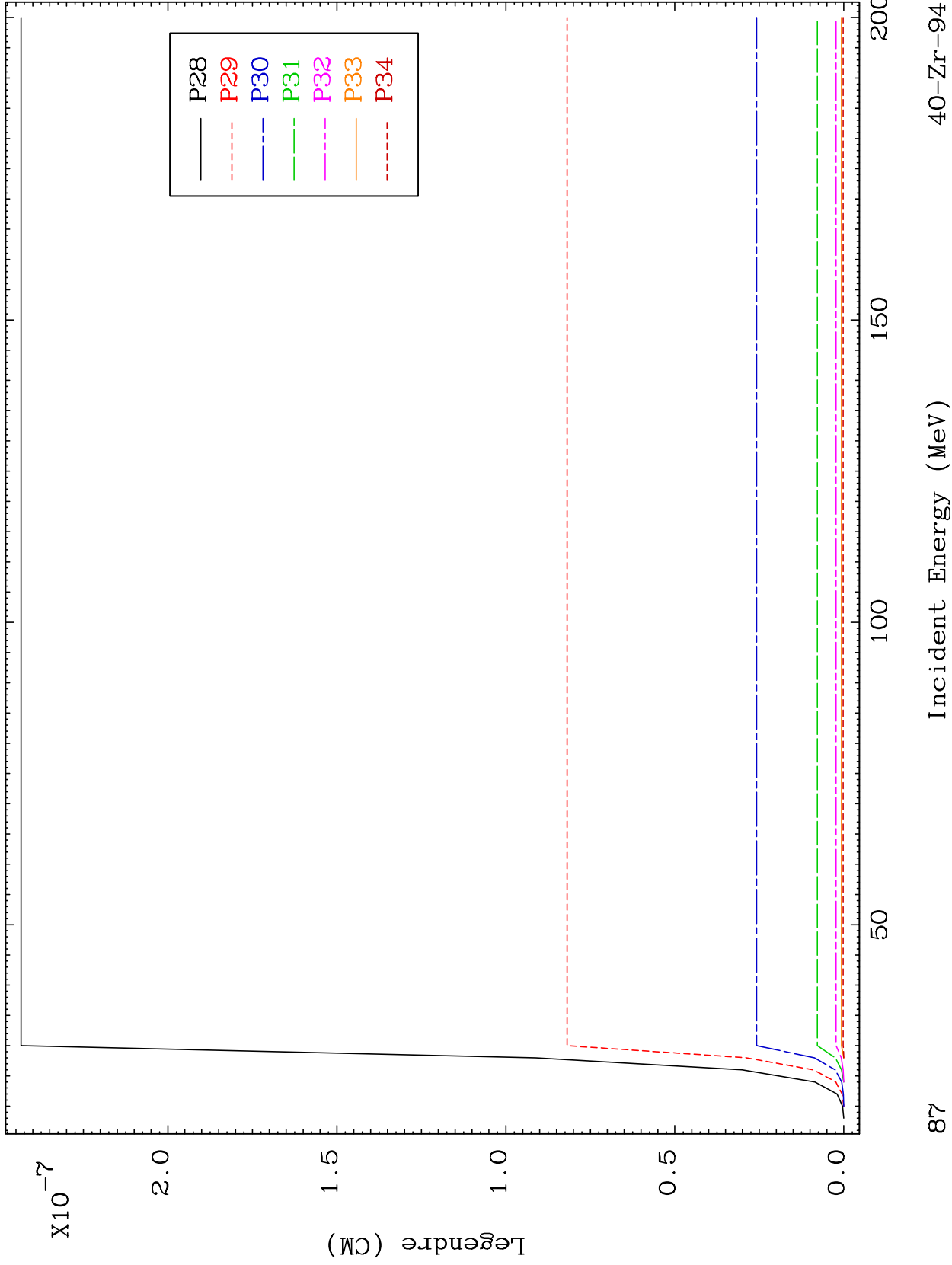
40-Zr-94



MAT 4037

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

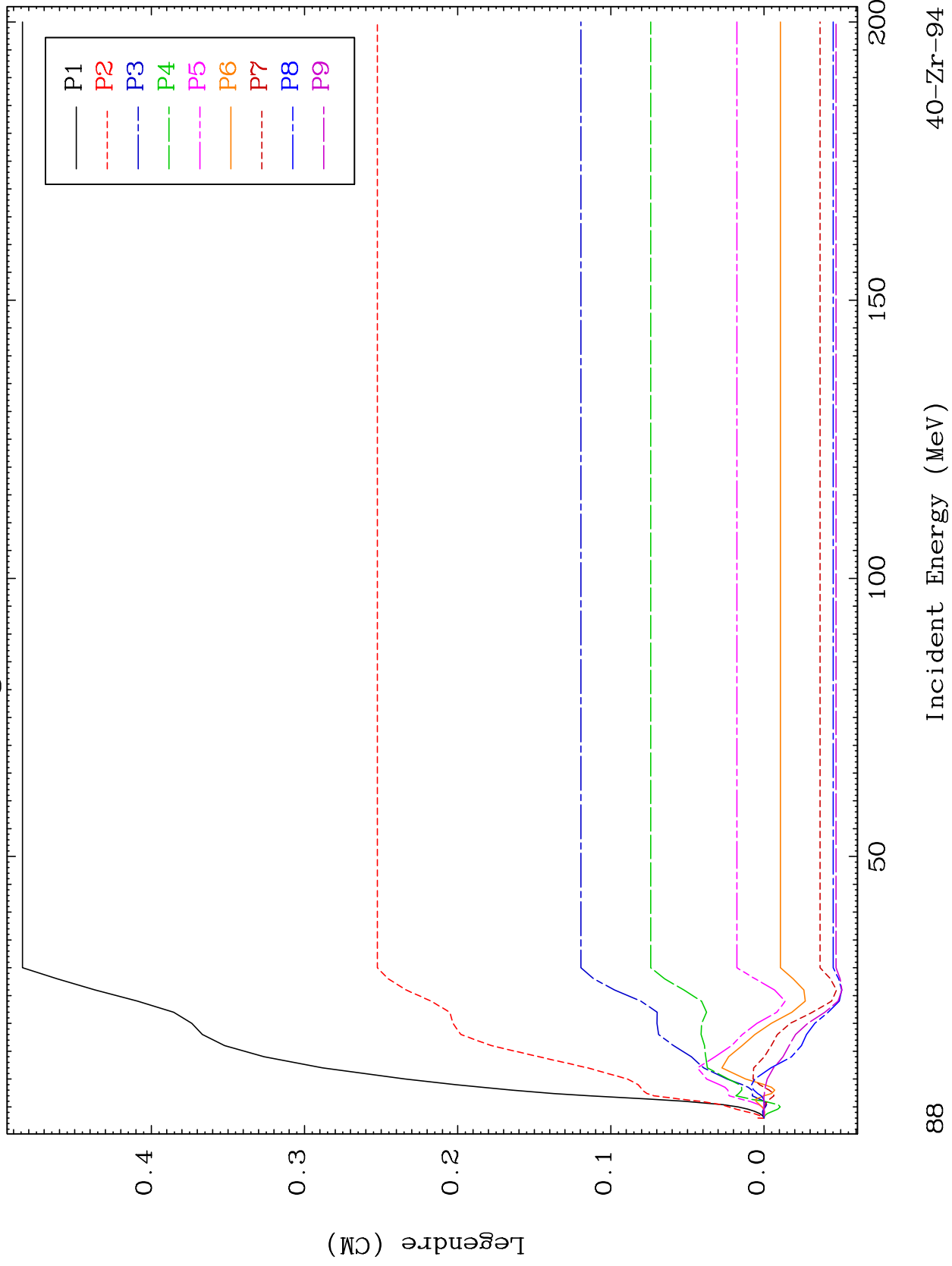
40-Zr-94



MAT 4037

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

40-Zr-94

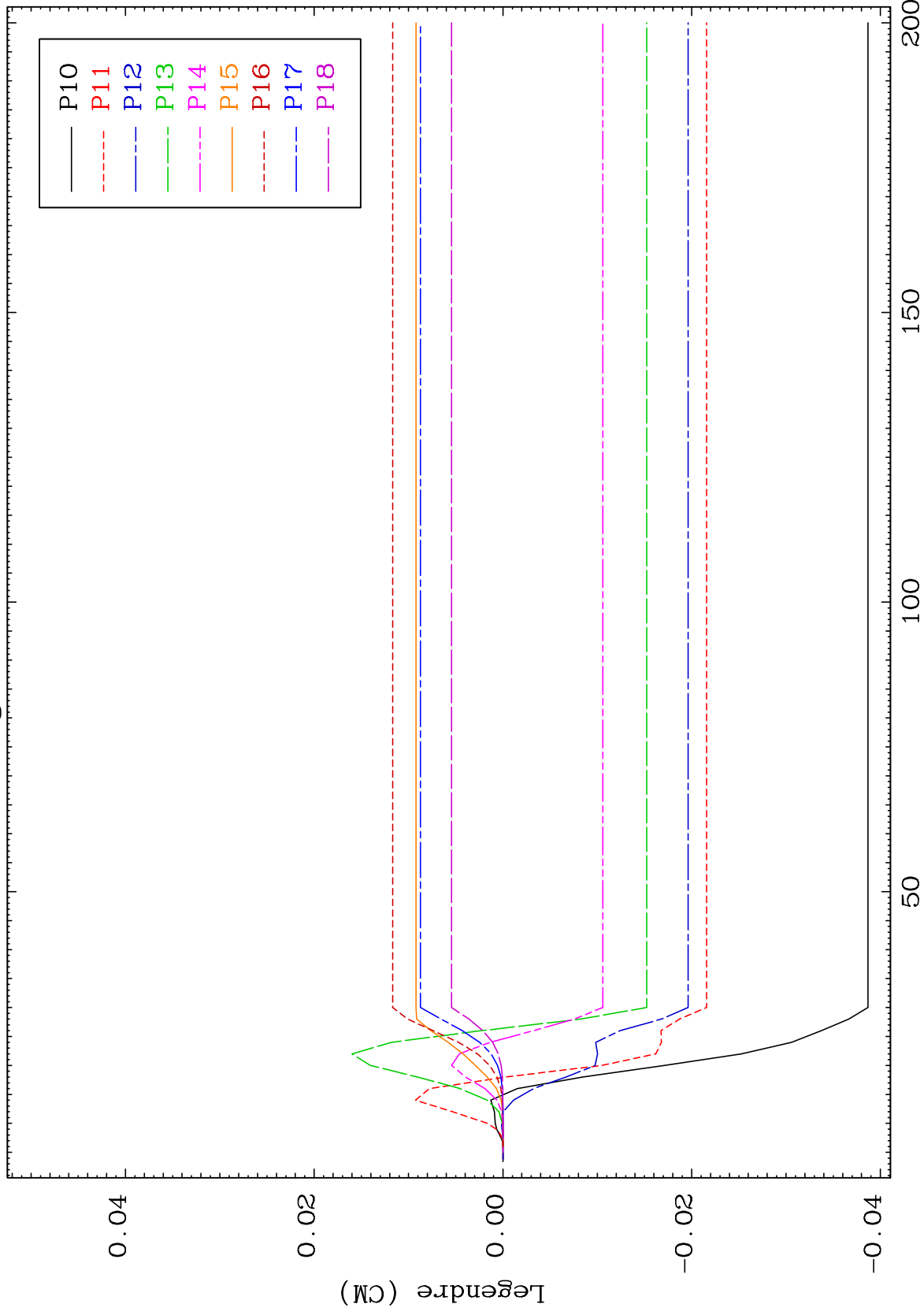


88

MAT 4037

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

40-Zr-94



89

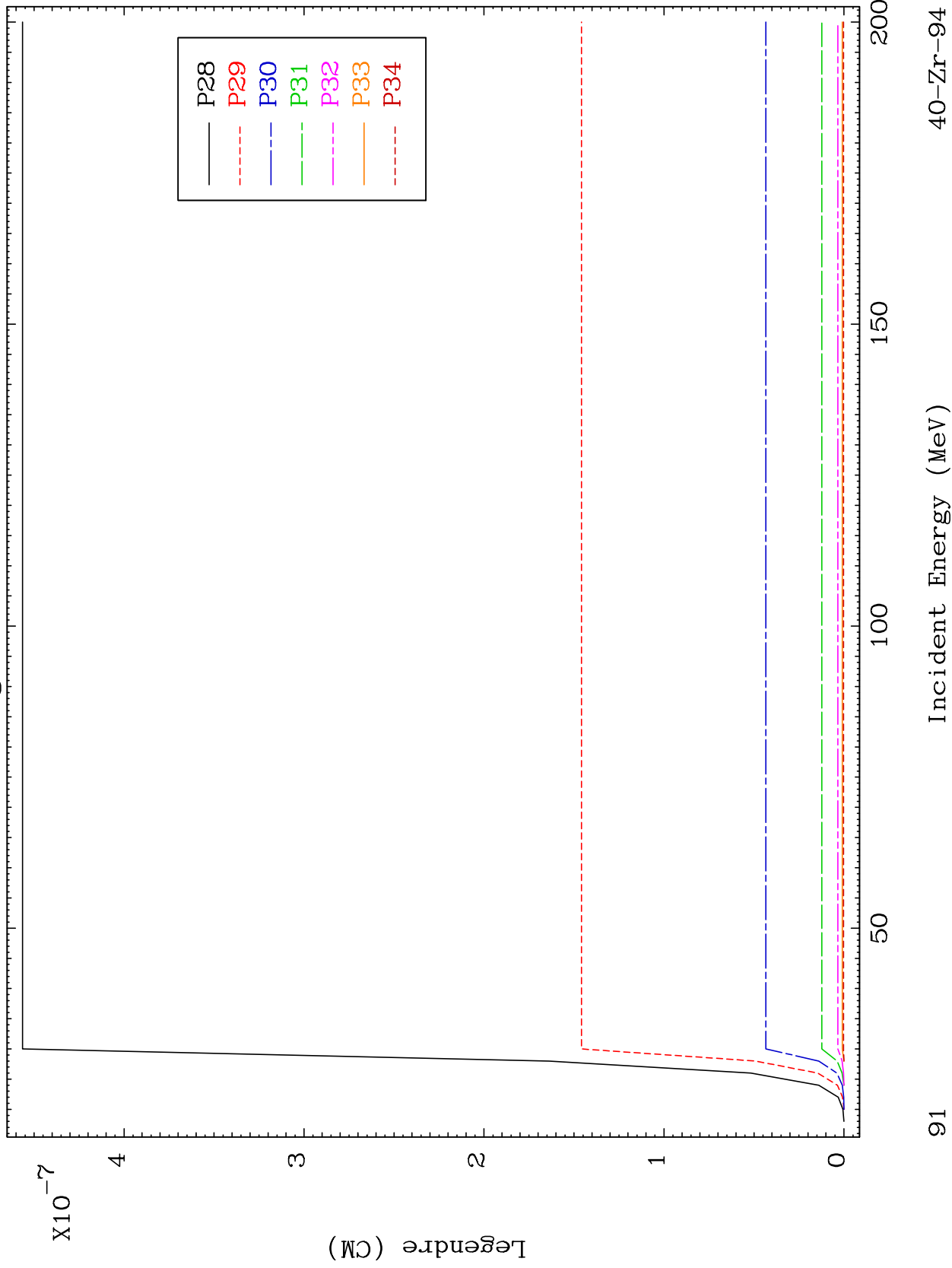
Incident Energy (MeV)

40-Zr-94

MAT 4037

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

40-Zr-94



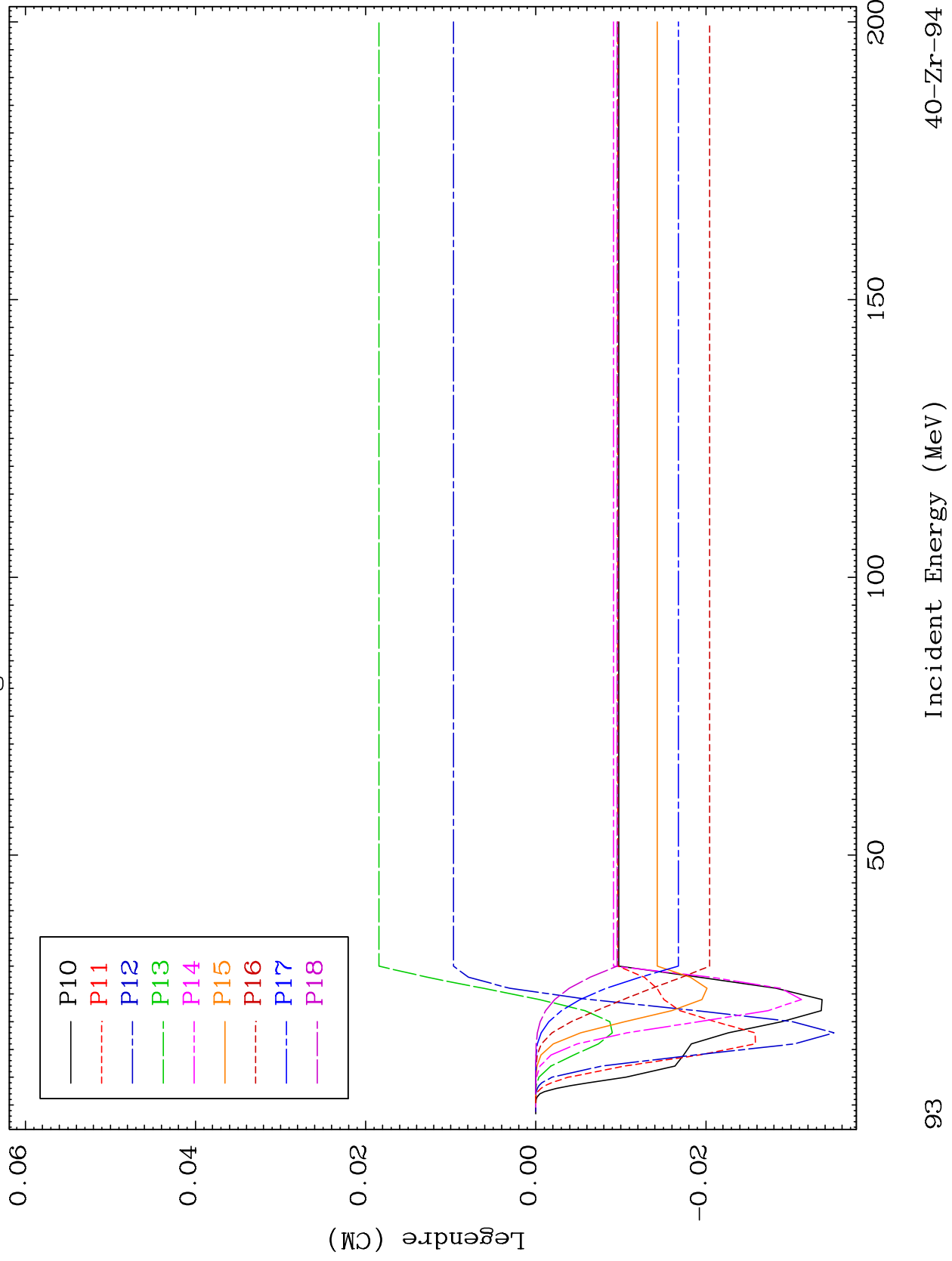
91

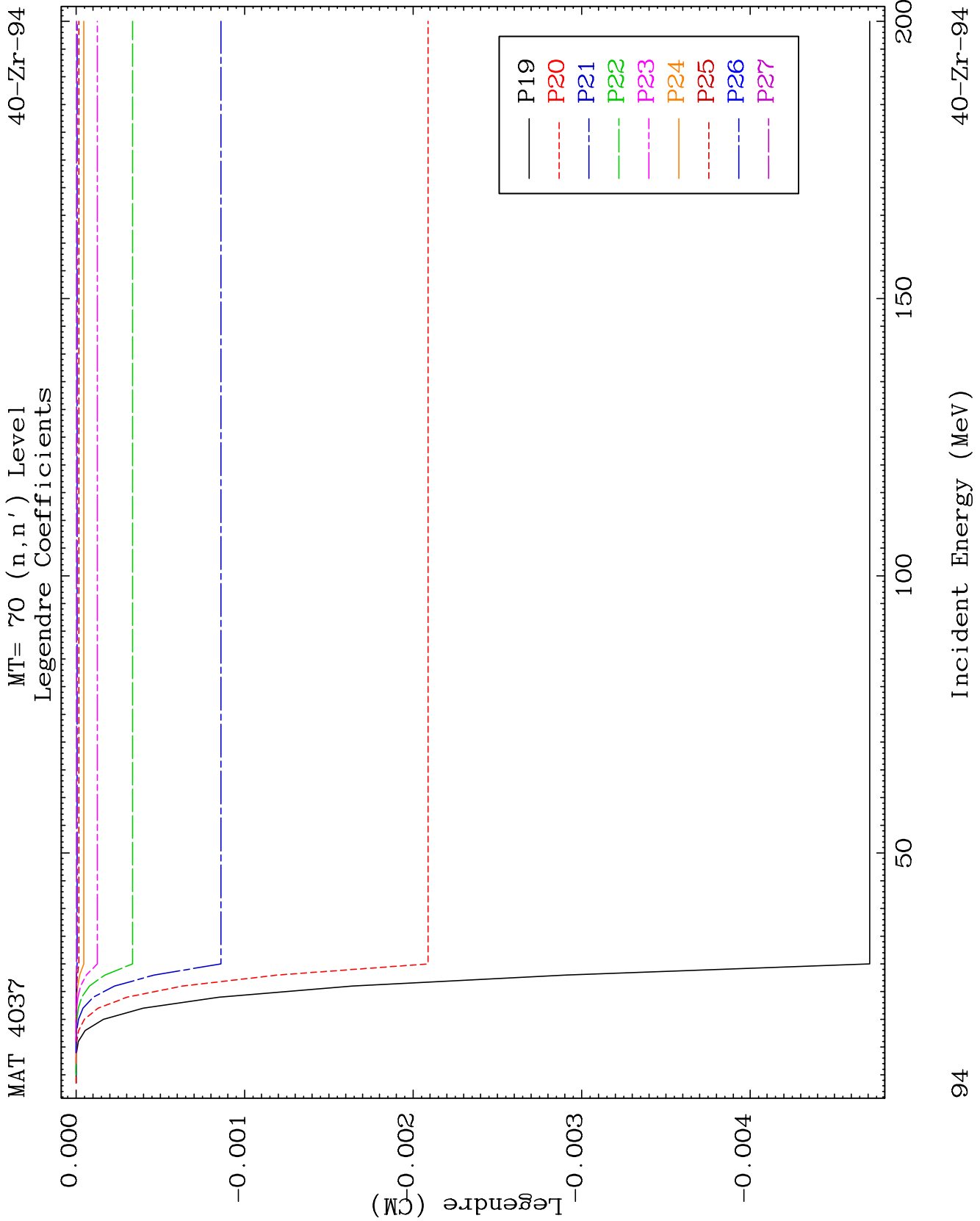
40-Zr-94

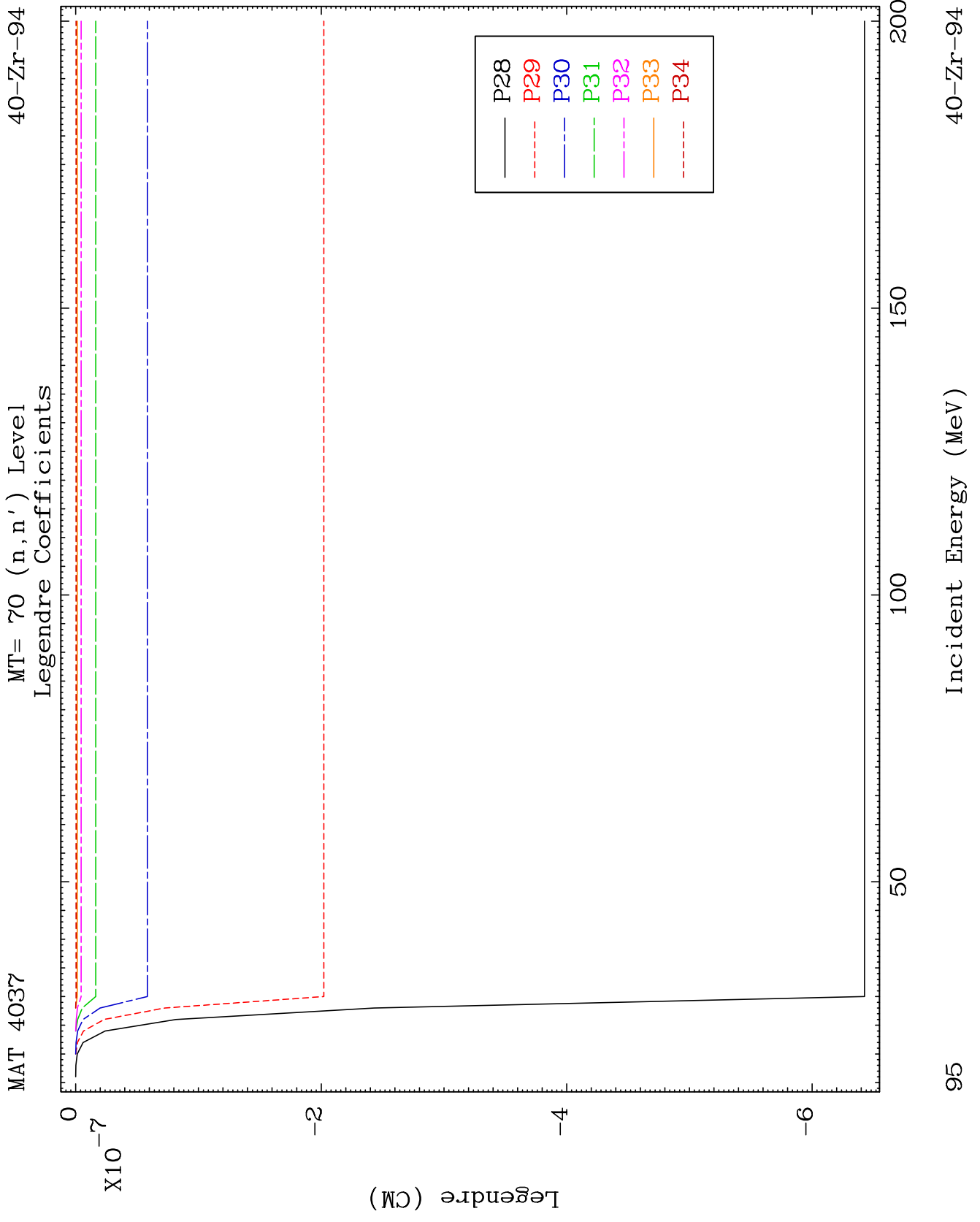
MAT 4037

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

40-Zr-94



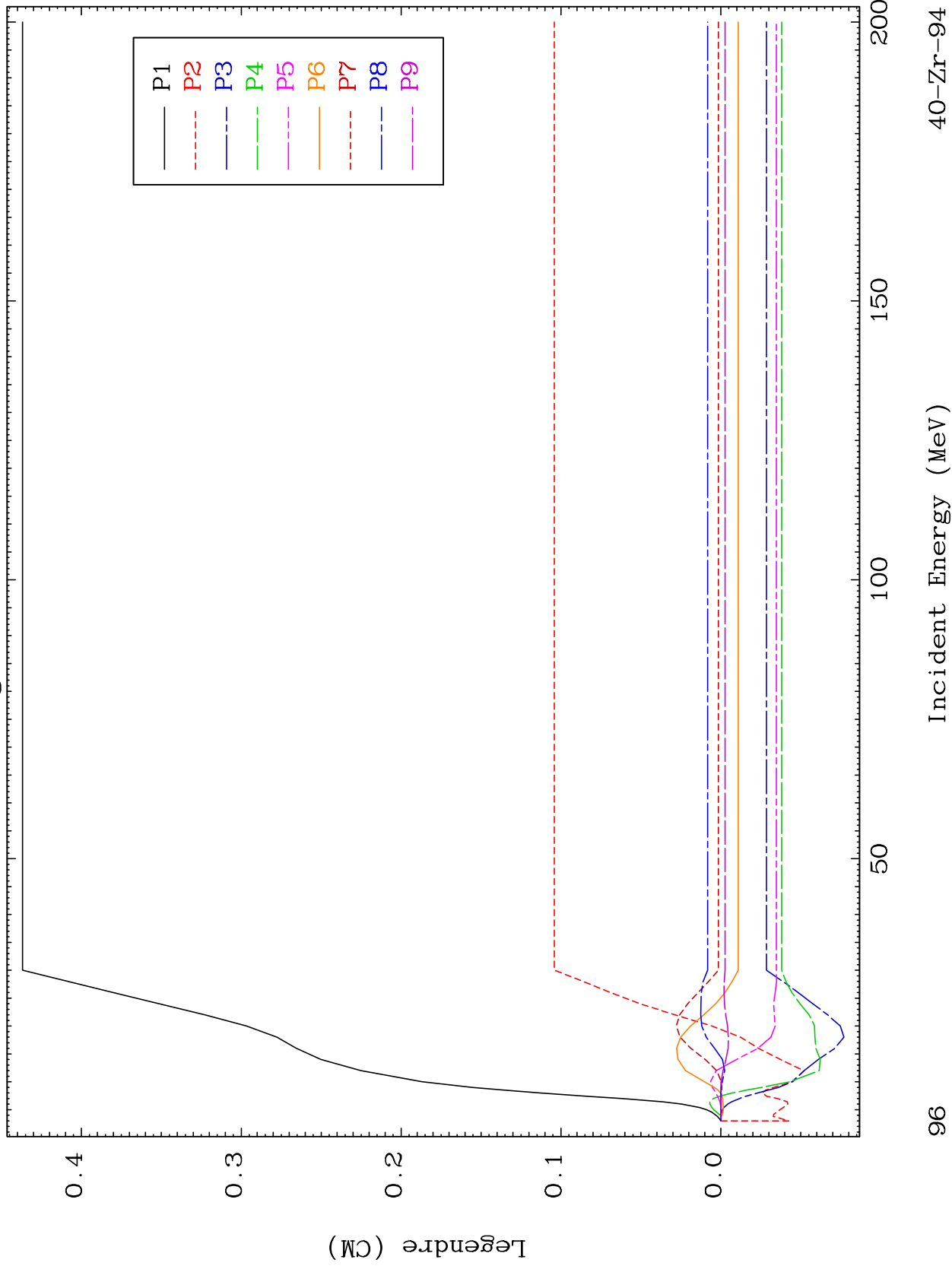


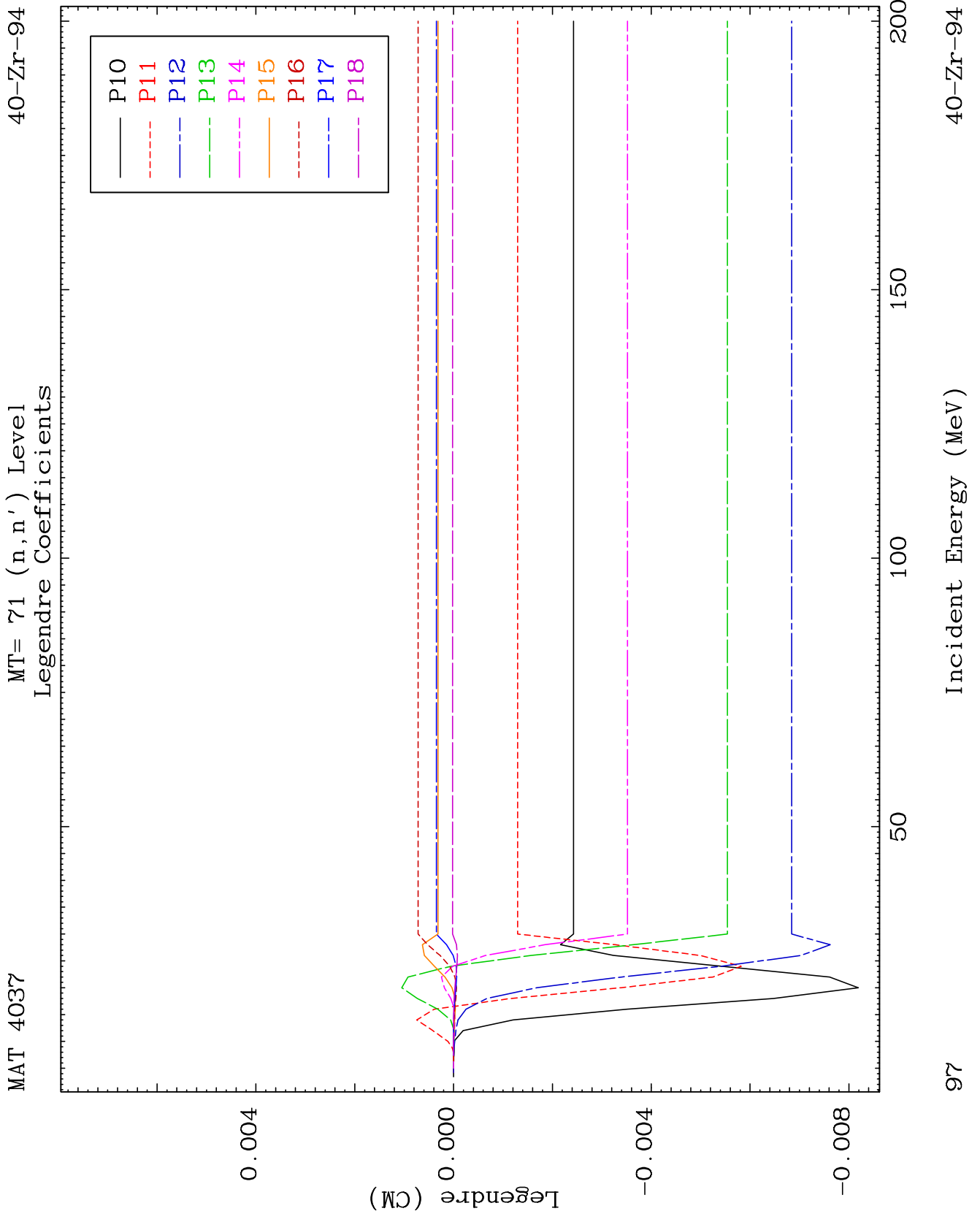


MAT 4037

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

40-Zr-94

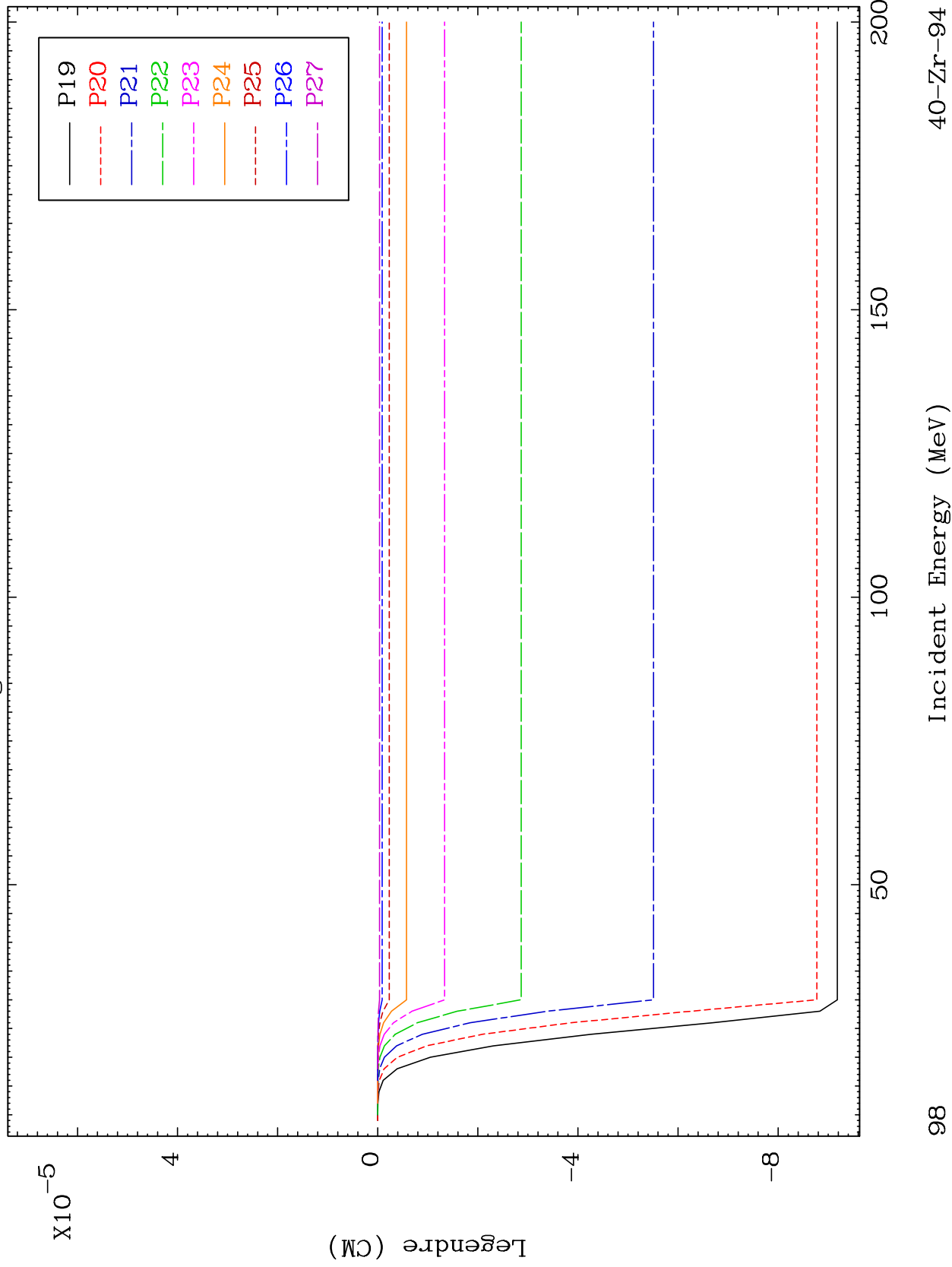


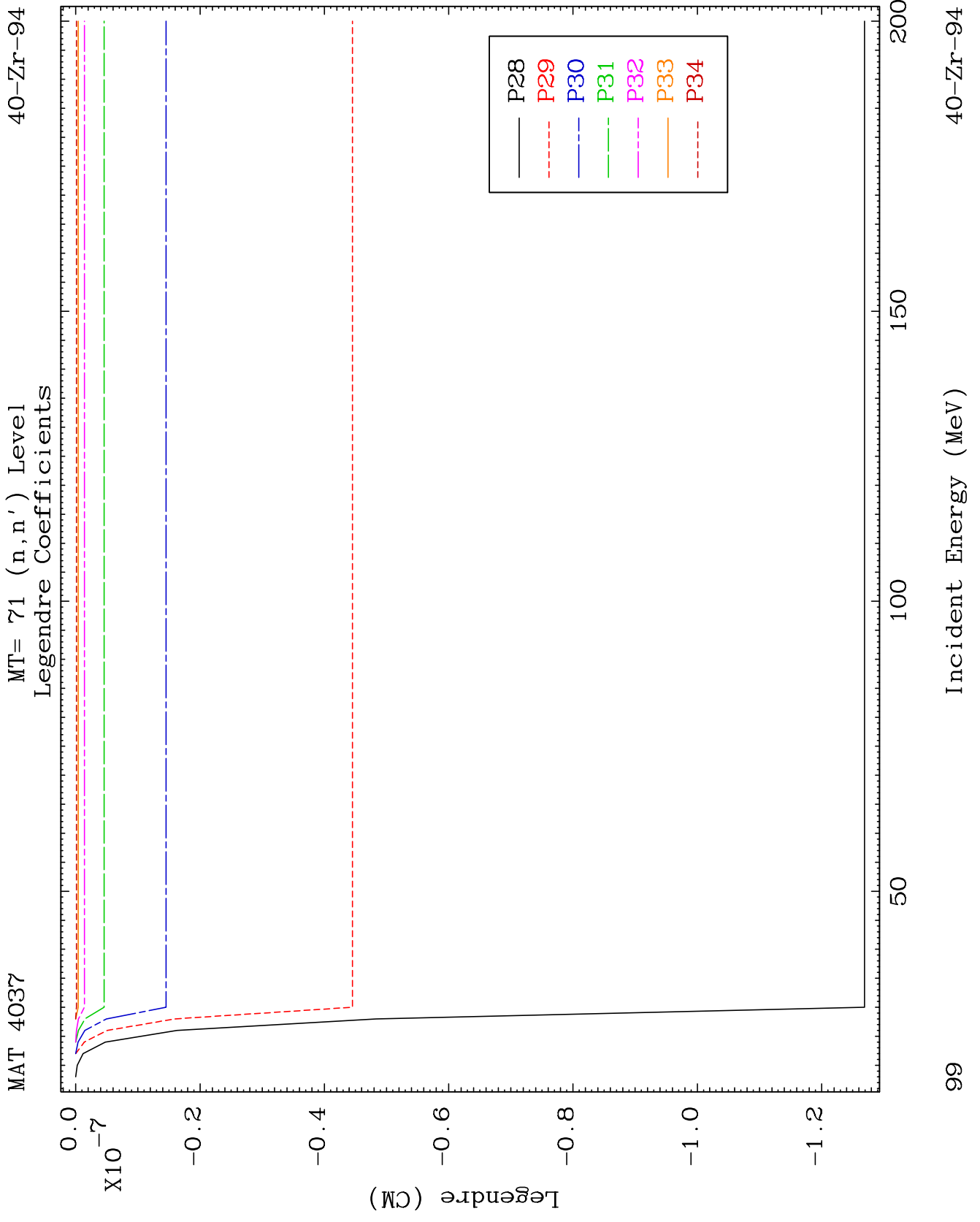


MAT 4037

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

40-Zr-94

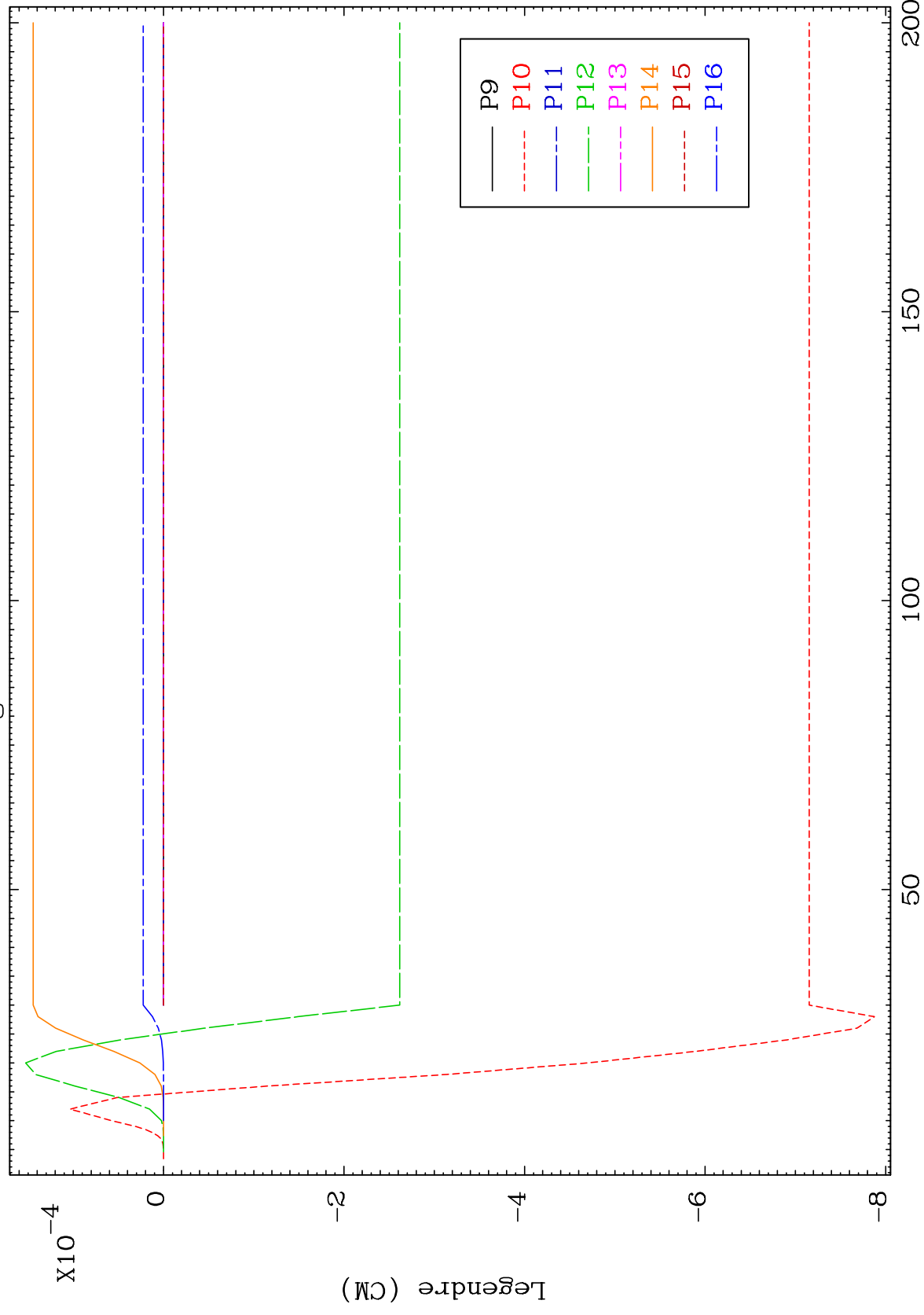




MAT 4037

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

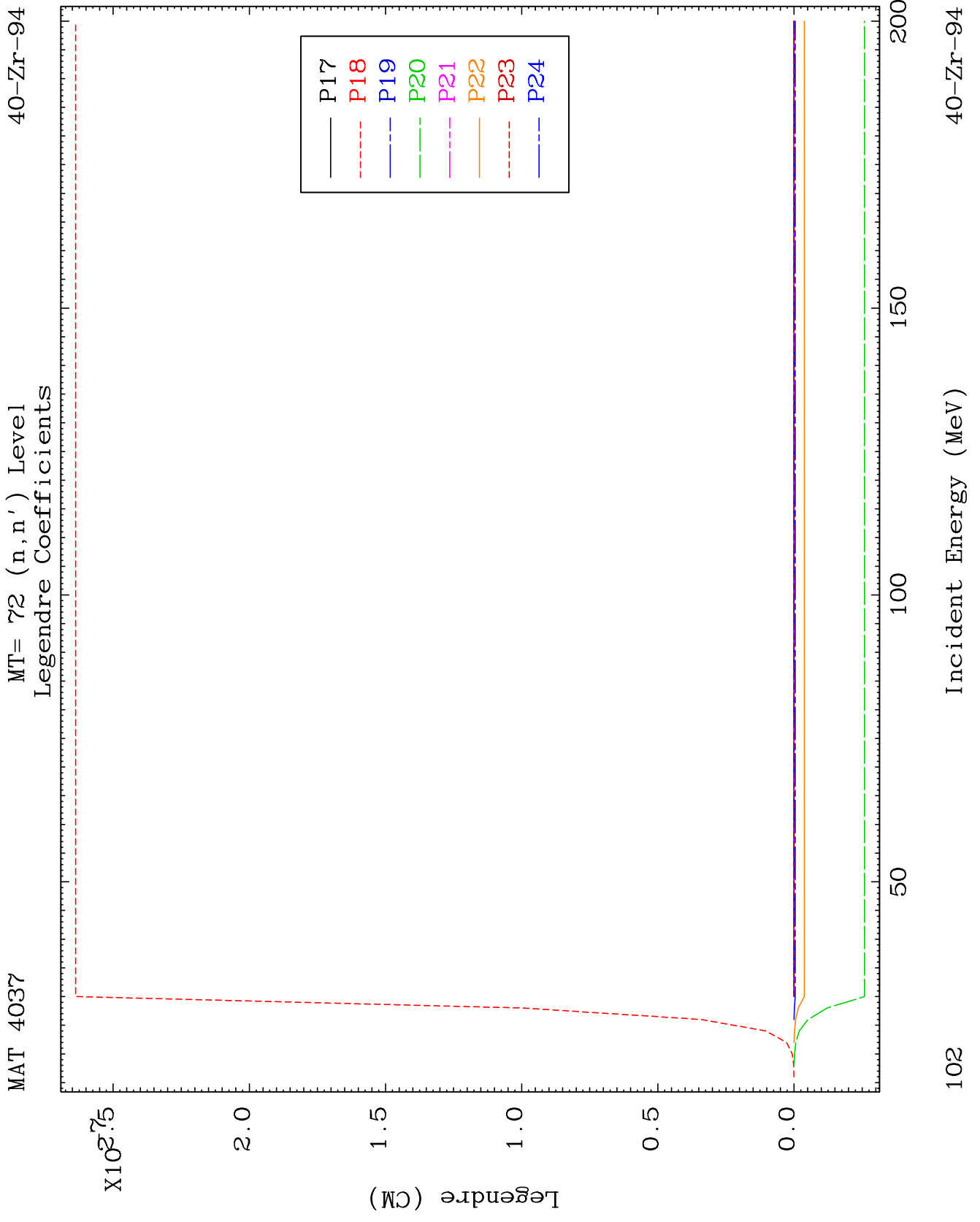
40-Zr-94



101

Incident Energy (MeV)

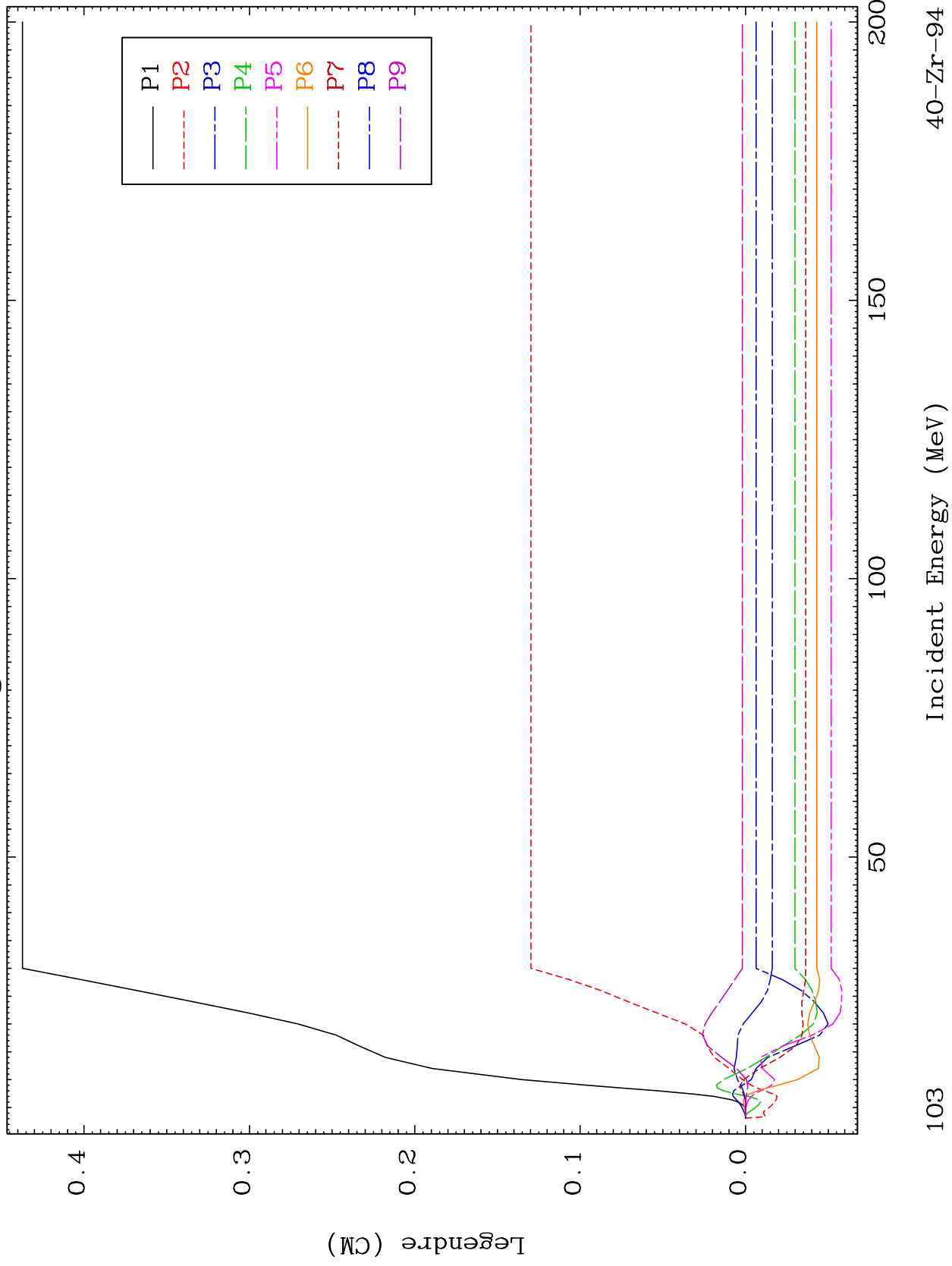
40-Zr-94



MAT 4037

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

40-Zr-94



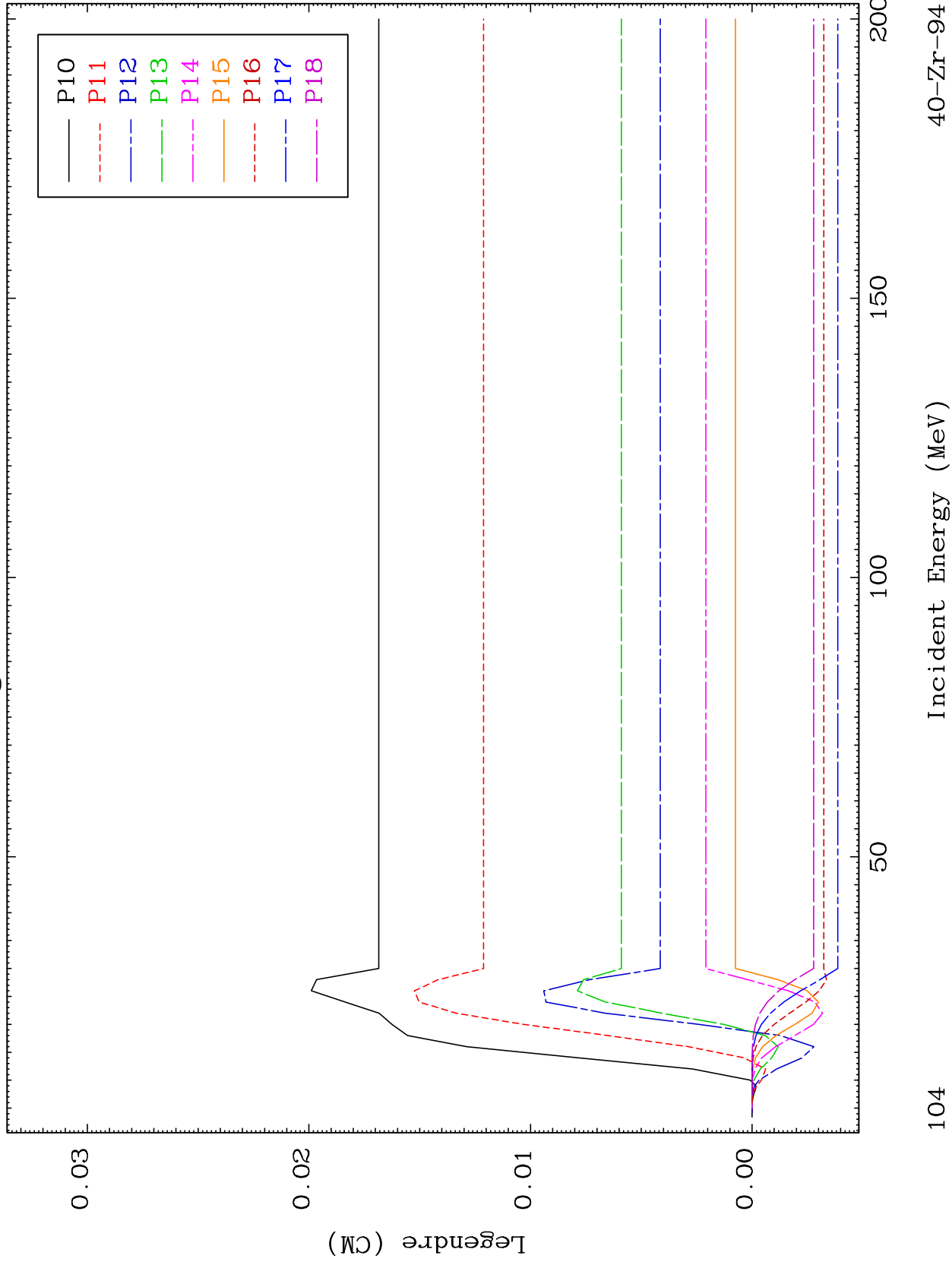
103

40-Zr-94

MAT 4037

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

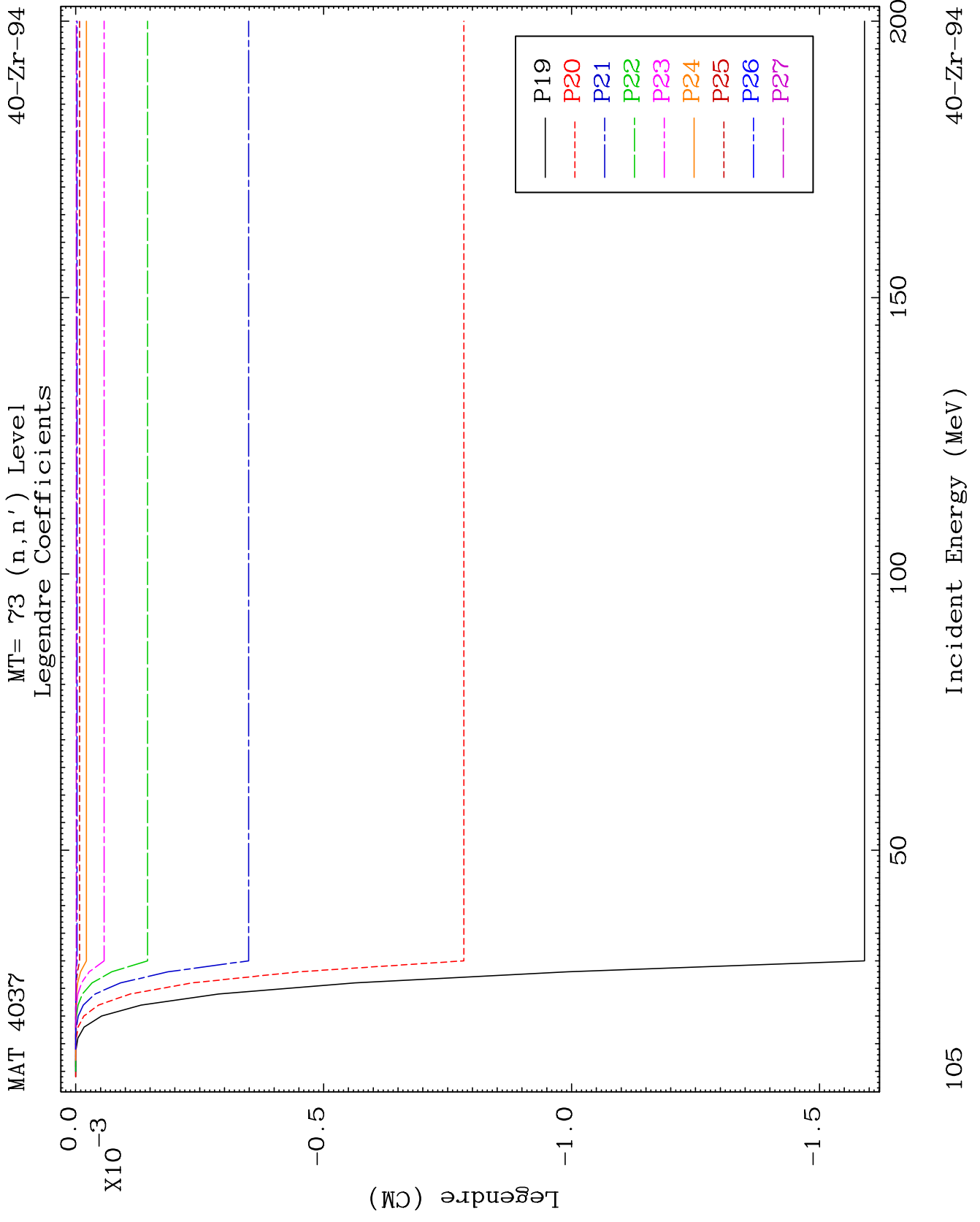
40-Zr-94

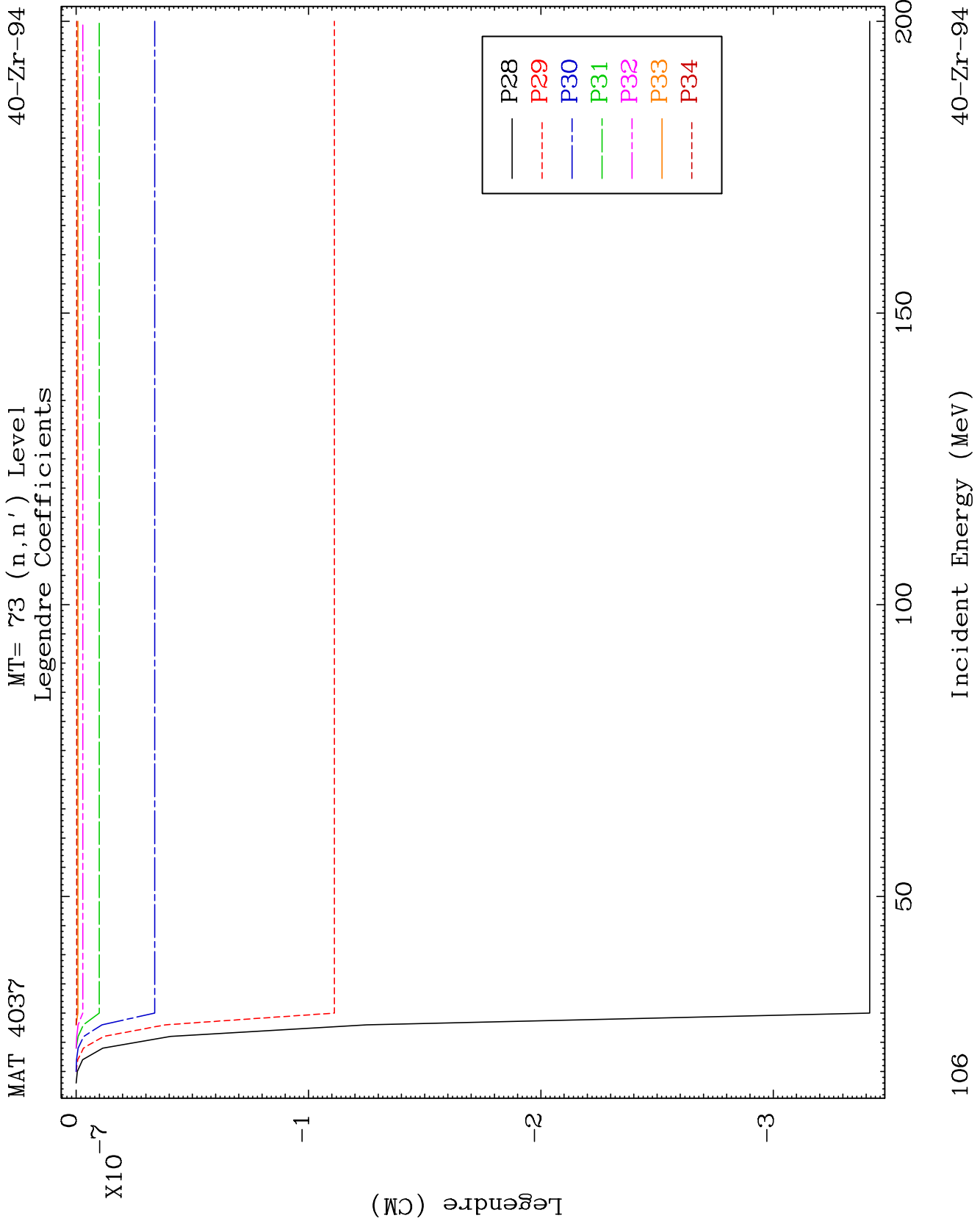


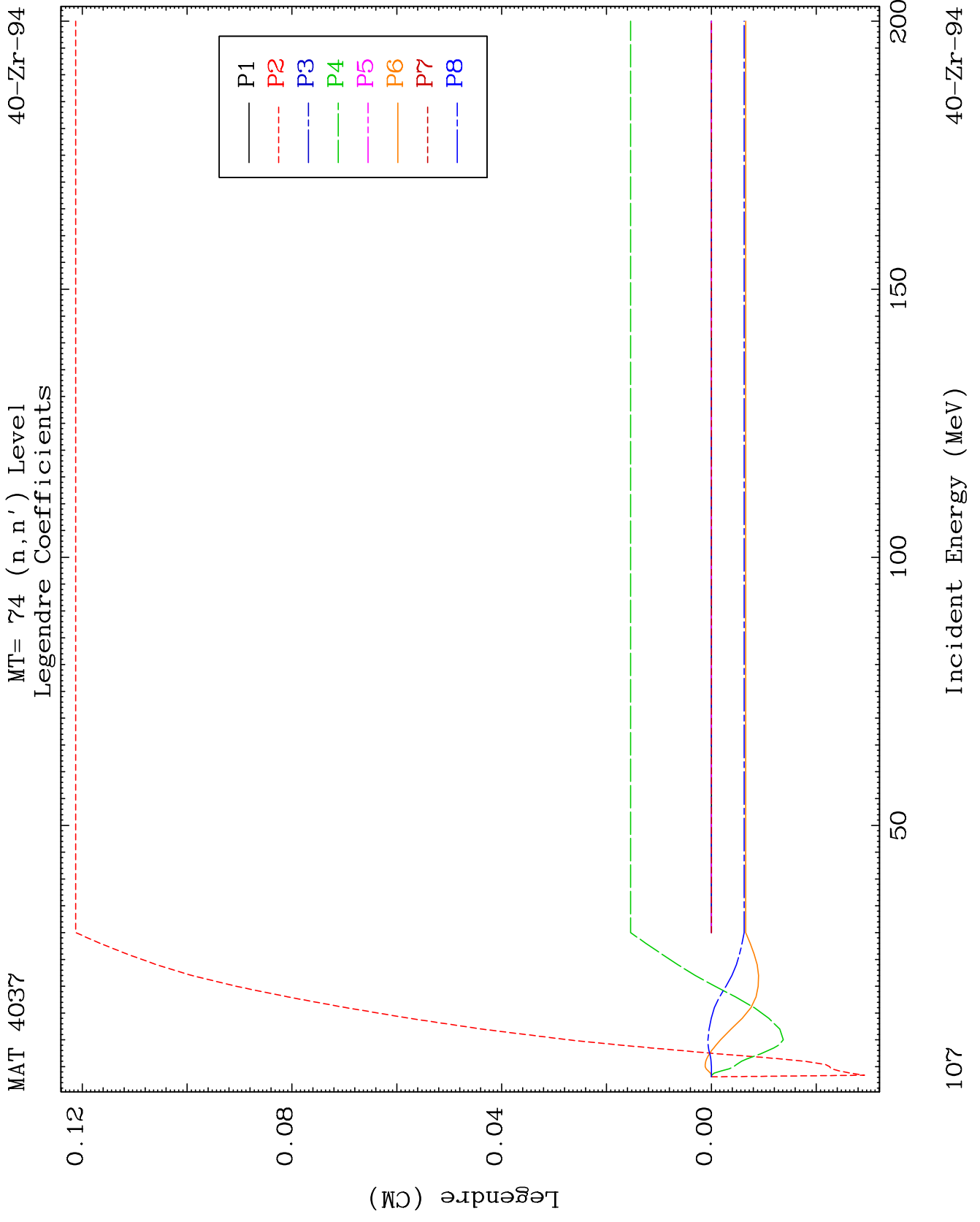
104

Incident Energy (MeV)

40-Zr-94



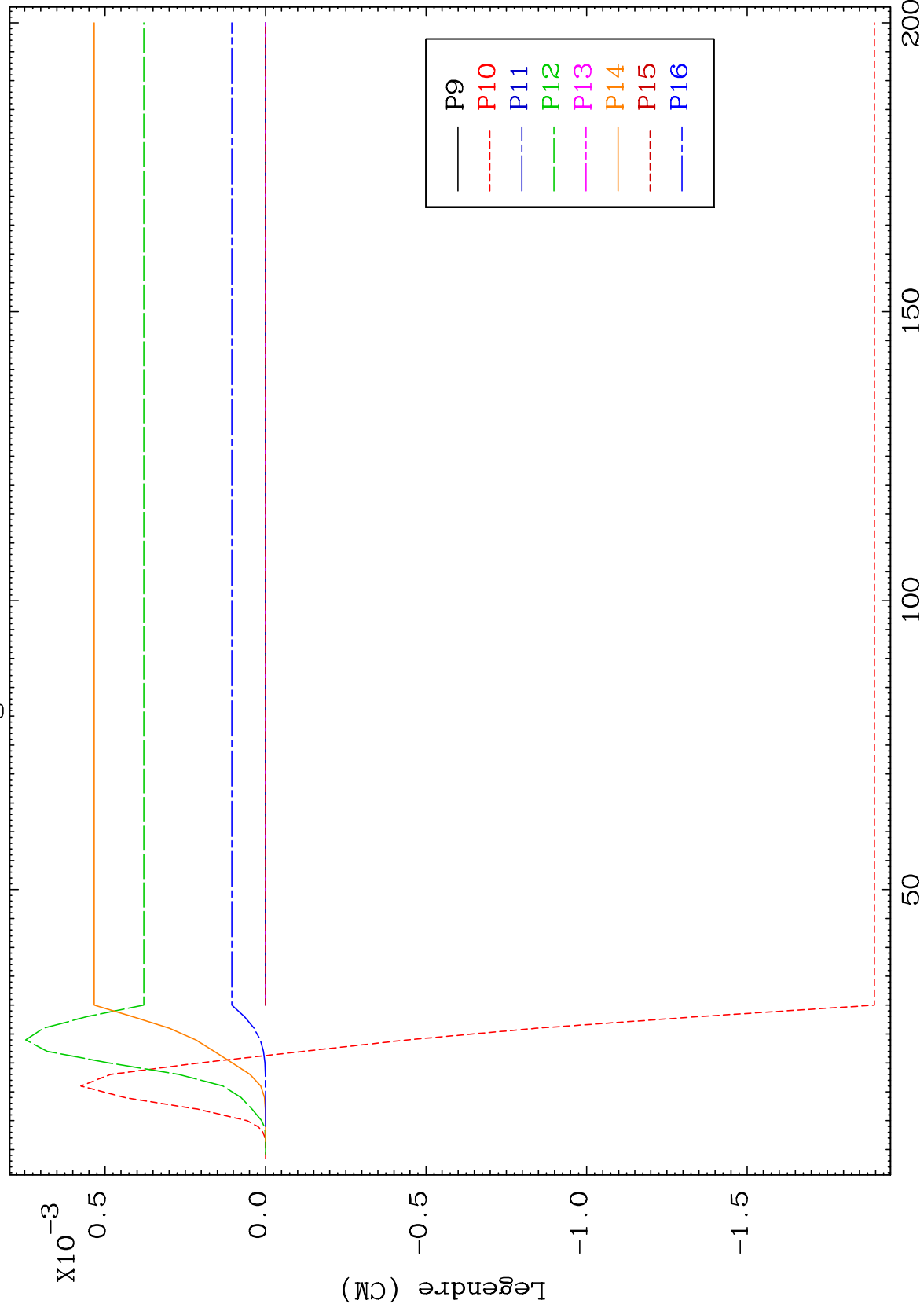




MAT 4037

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

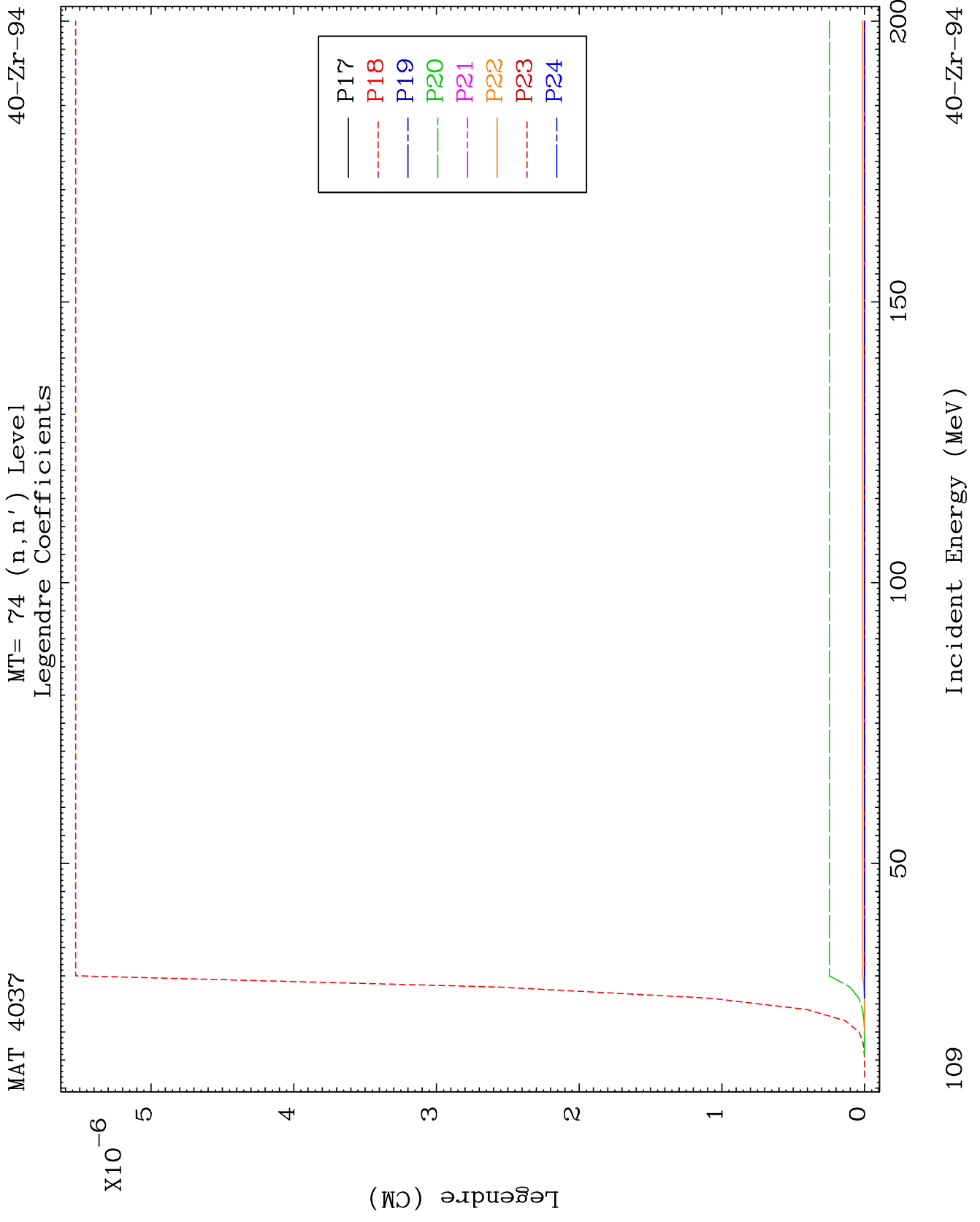
40-Zr-94

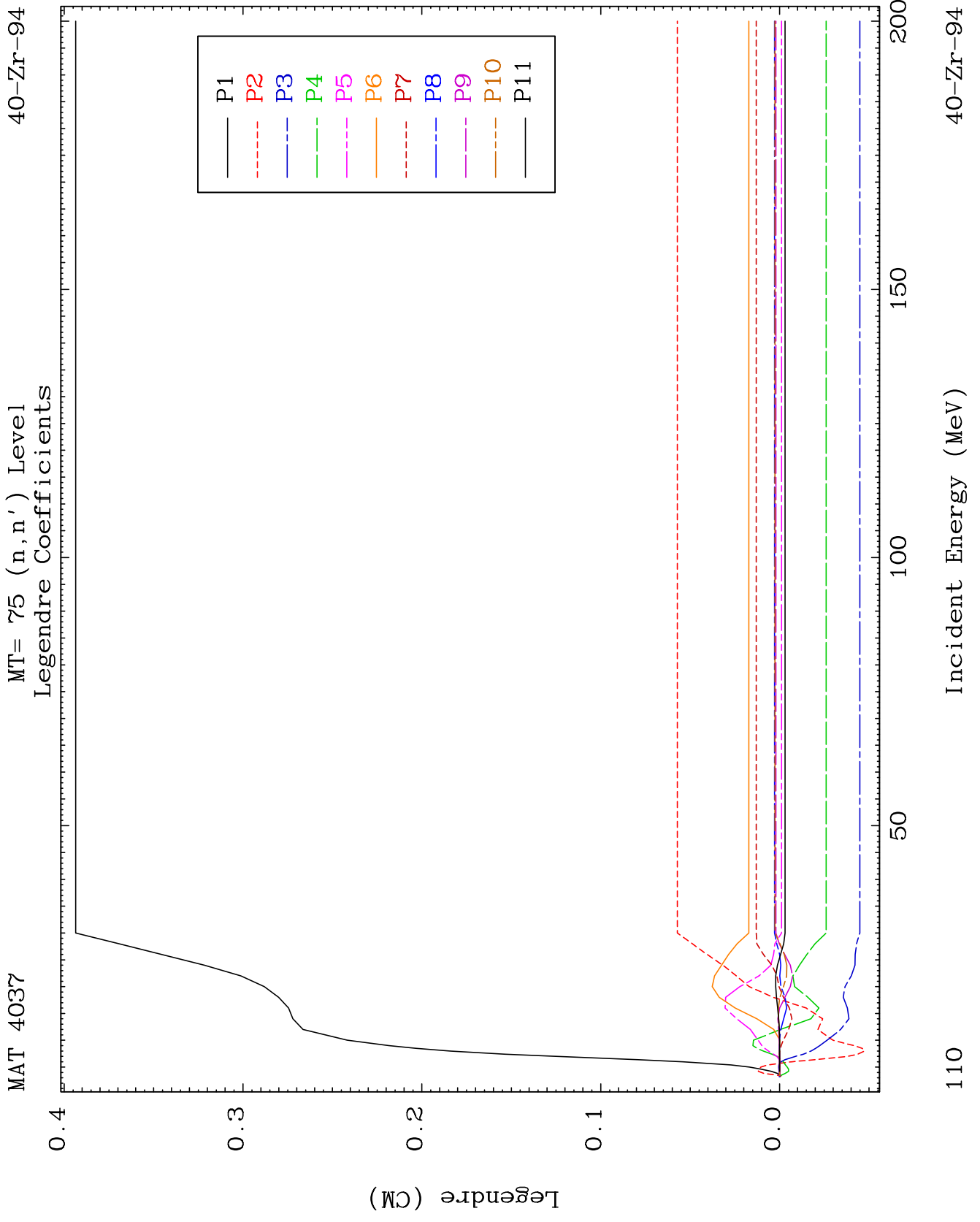


108

Incident Energy (MeV)

40-Zr-94

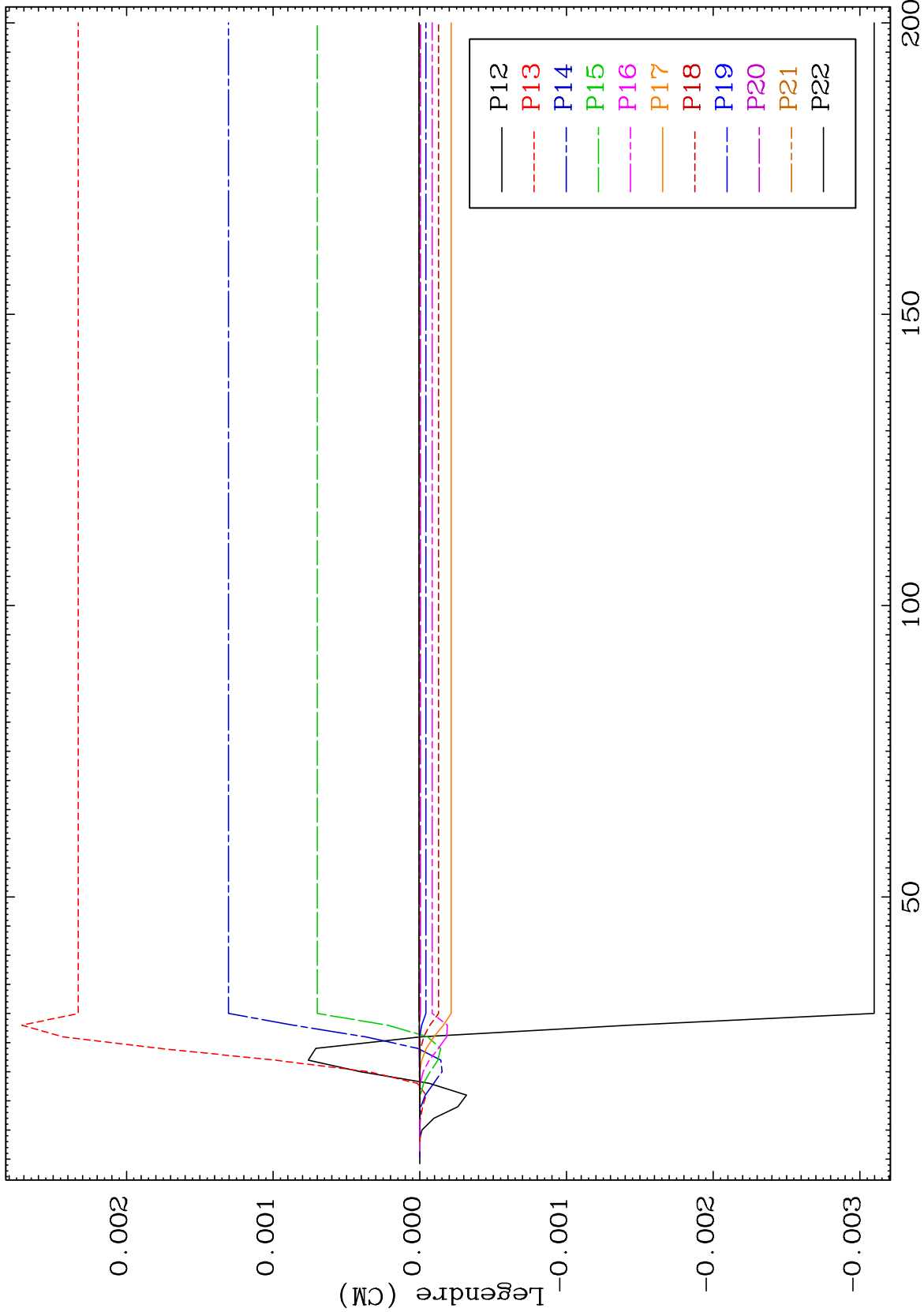




MAT 4037

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

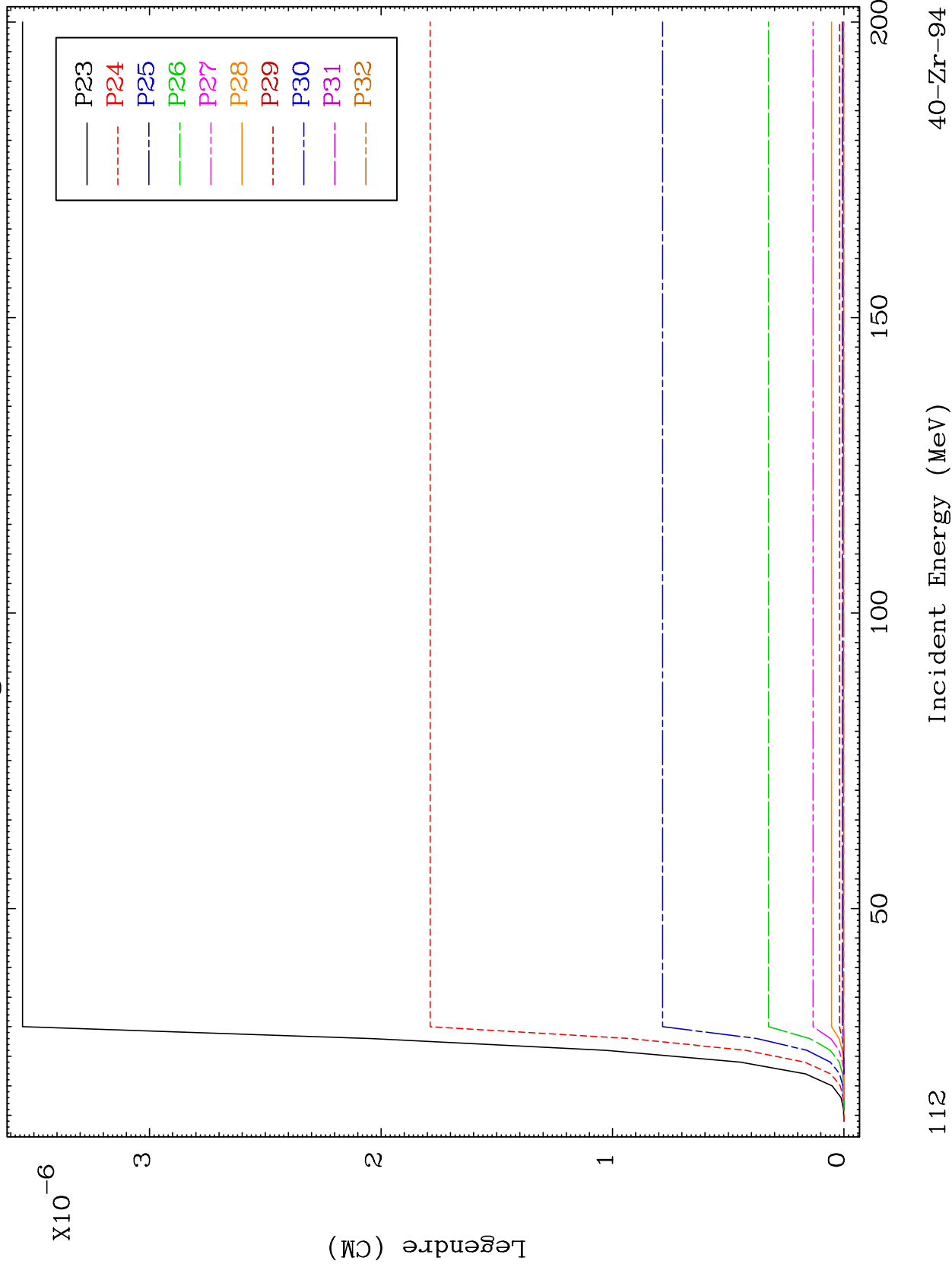
40-Zr-94



MAT 4037

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

40-Zr-94

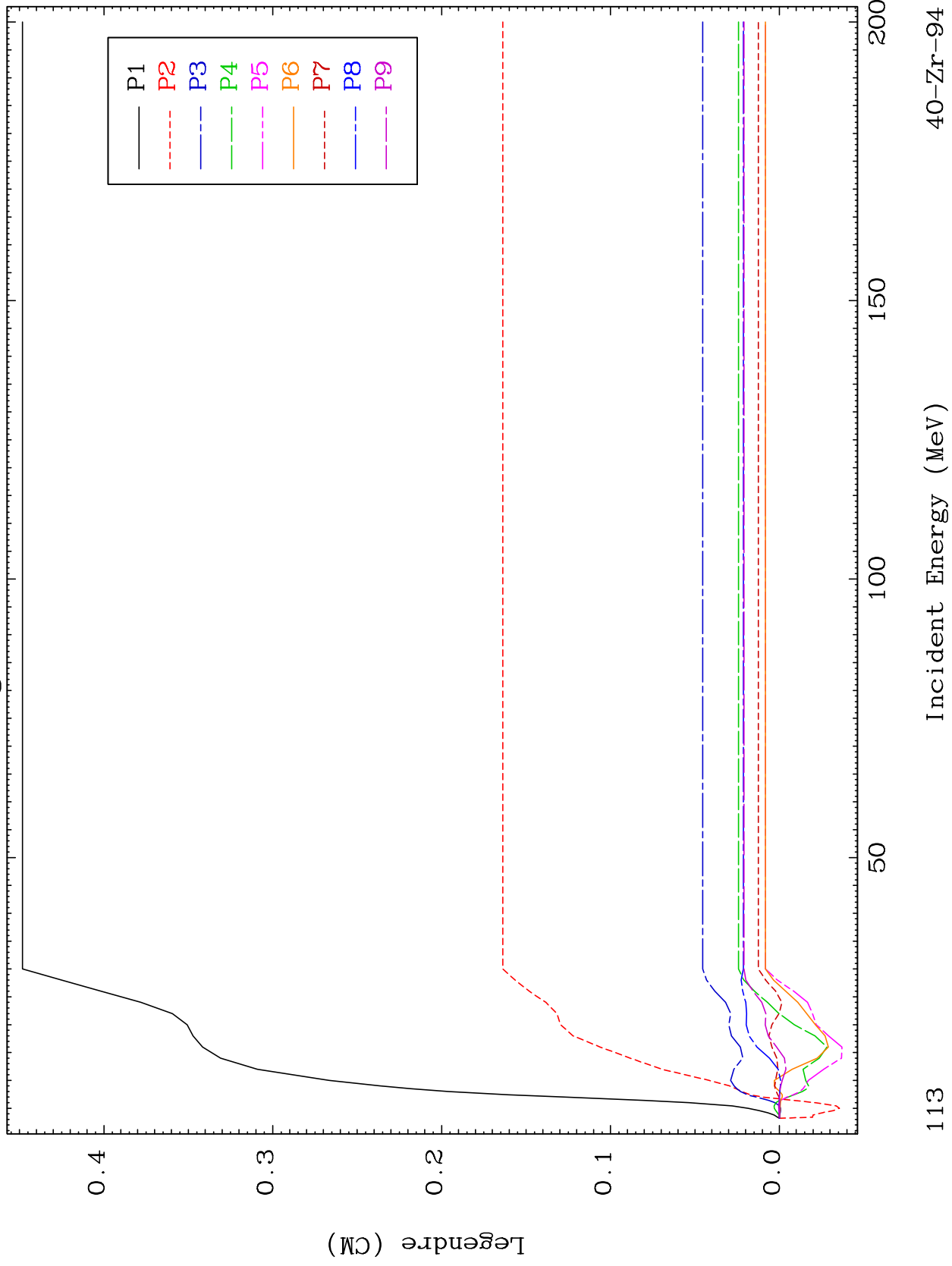


112

MAT 4037

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

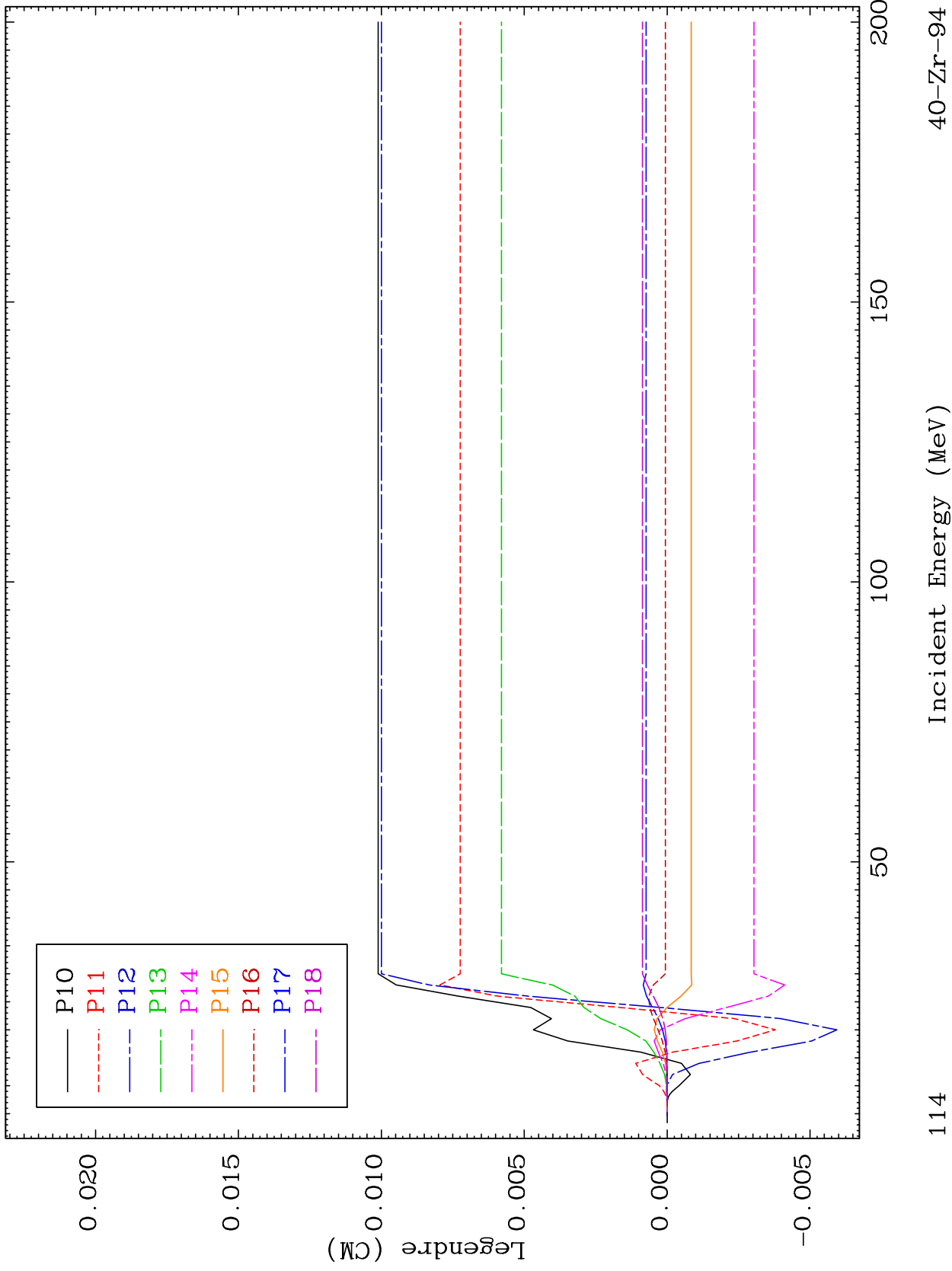
40-Zr-94



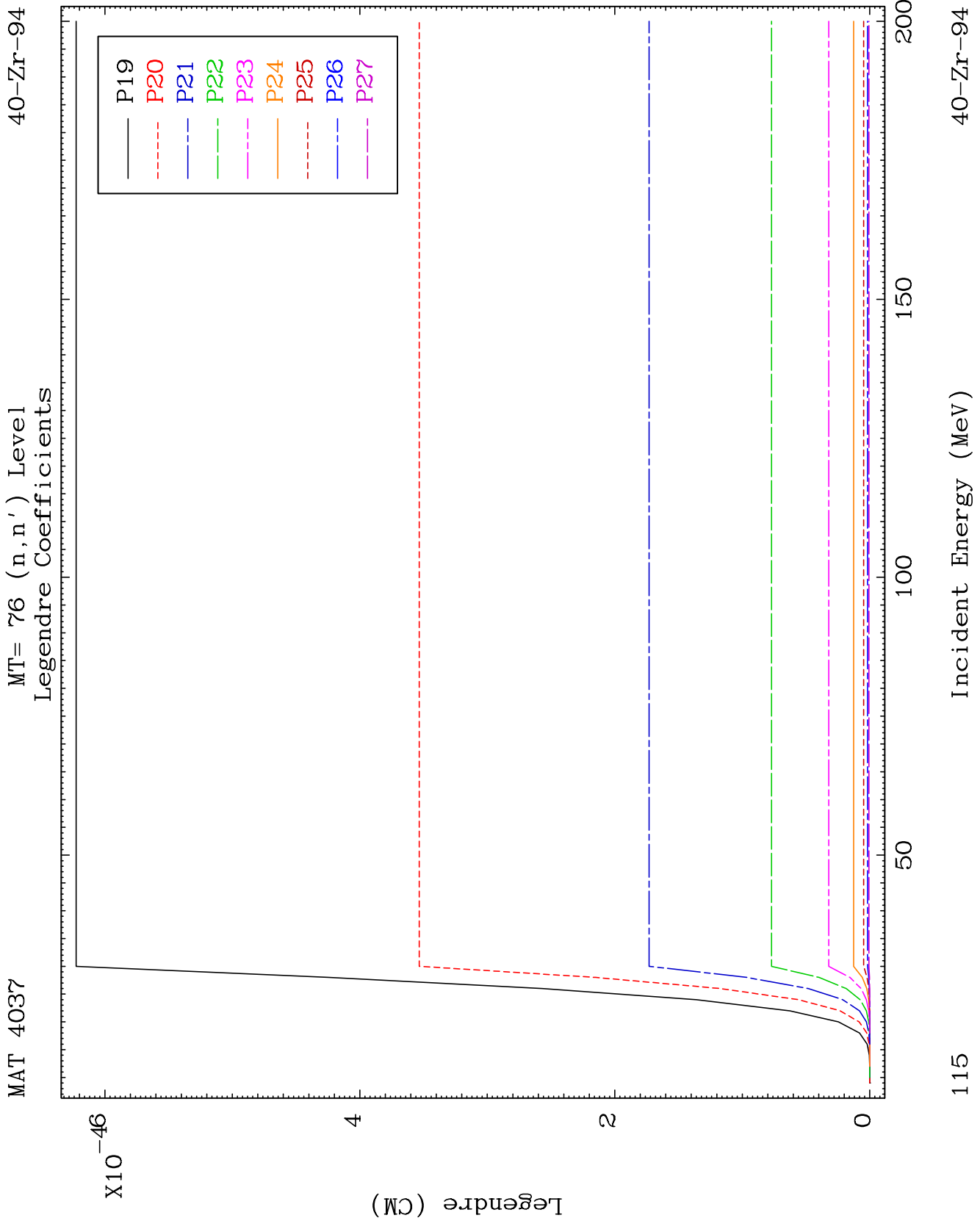
MAT 4037

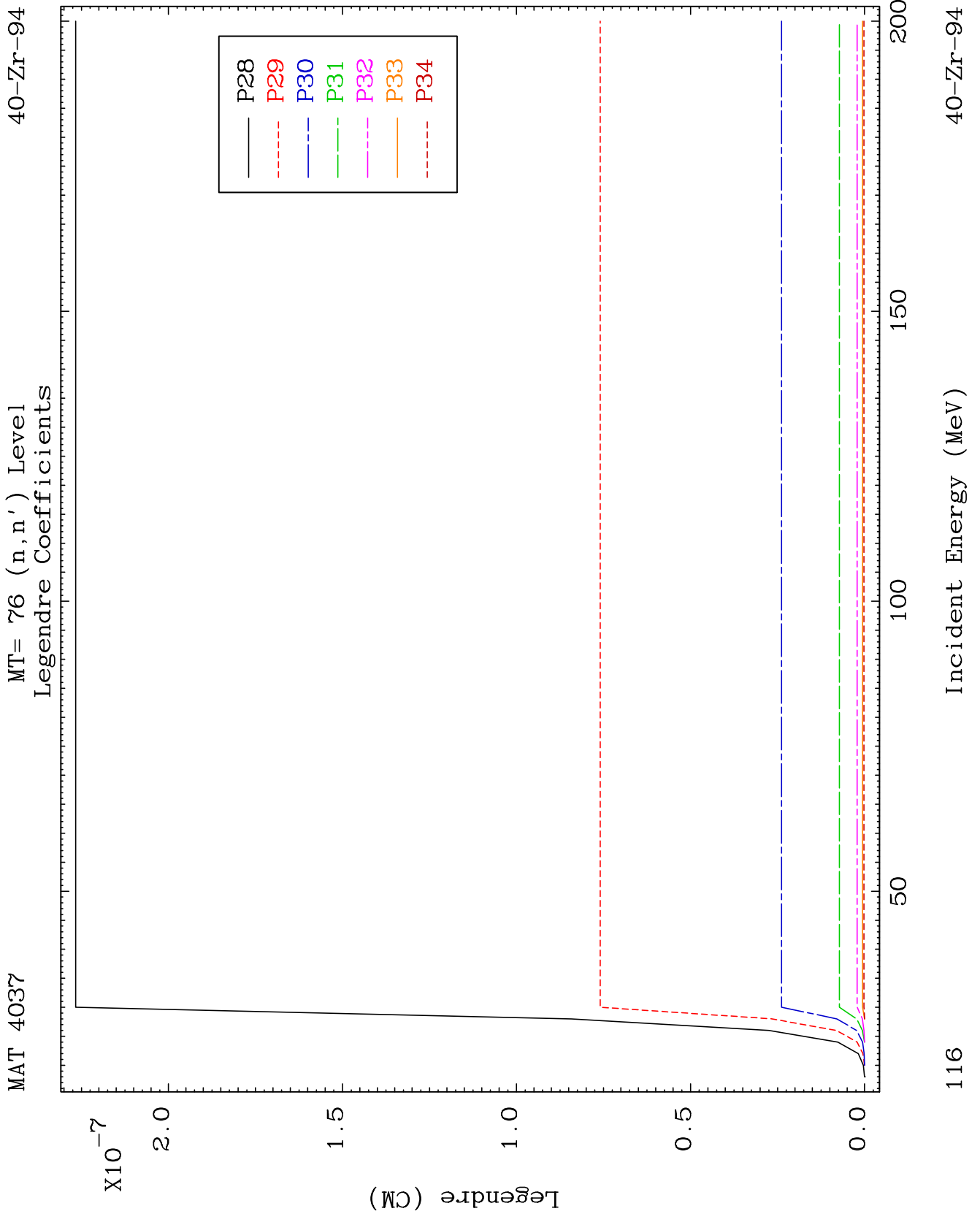
MT= 76 (n,n') Level
Legendre Coefficients

40-Zr-94



114

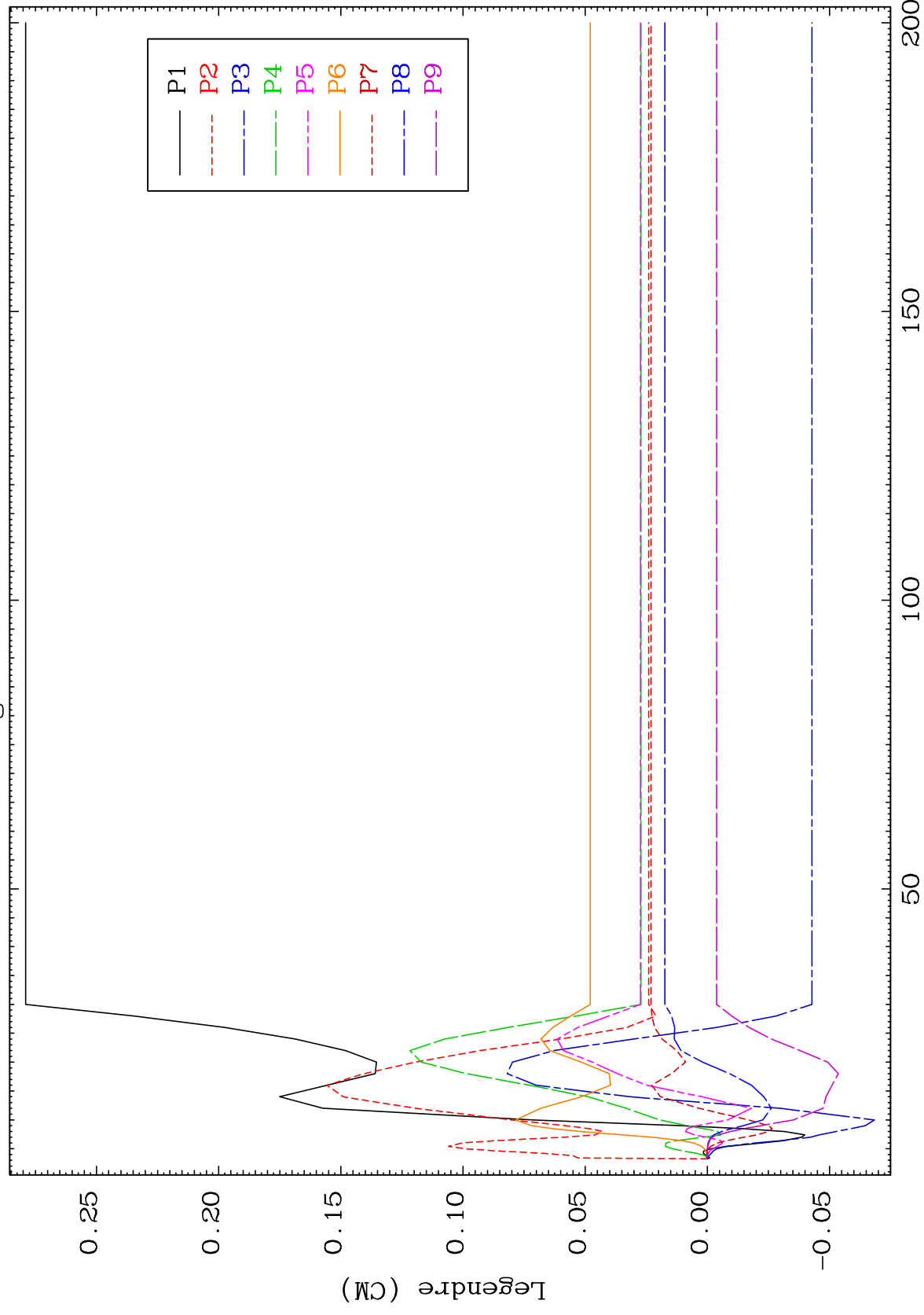




MAT 4037

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

40-Zr-94



117

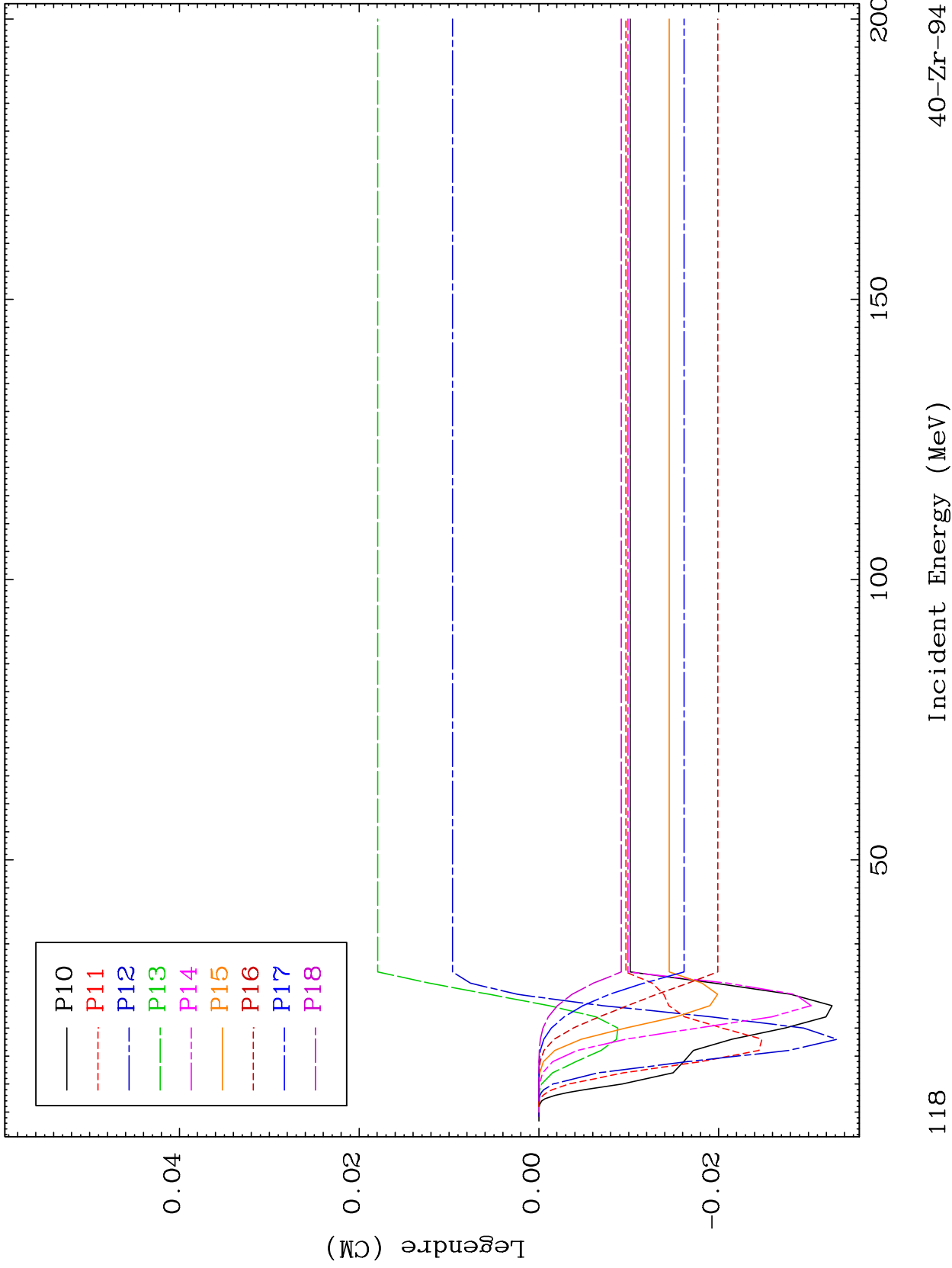
Incident Energy (MeV)

40-Zr-94

MAT 4037

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

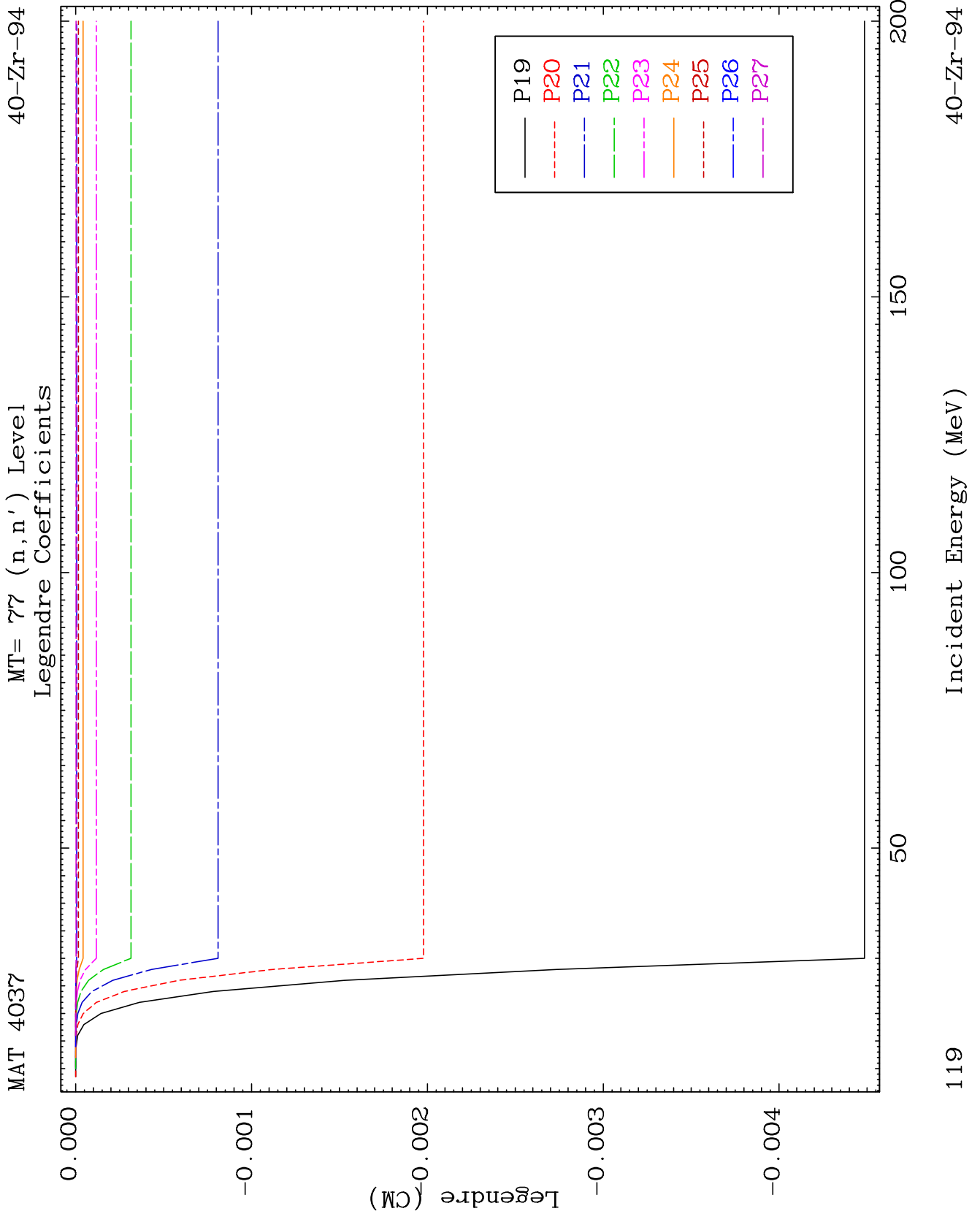
40-Zr-94

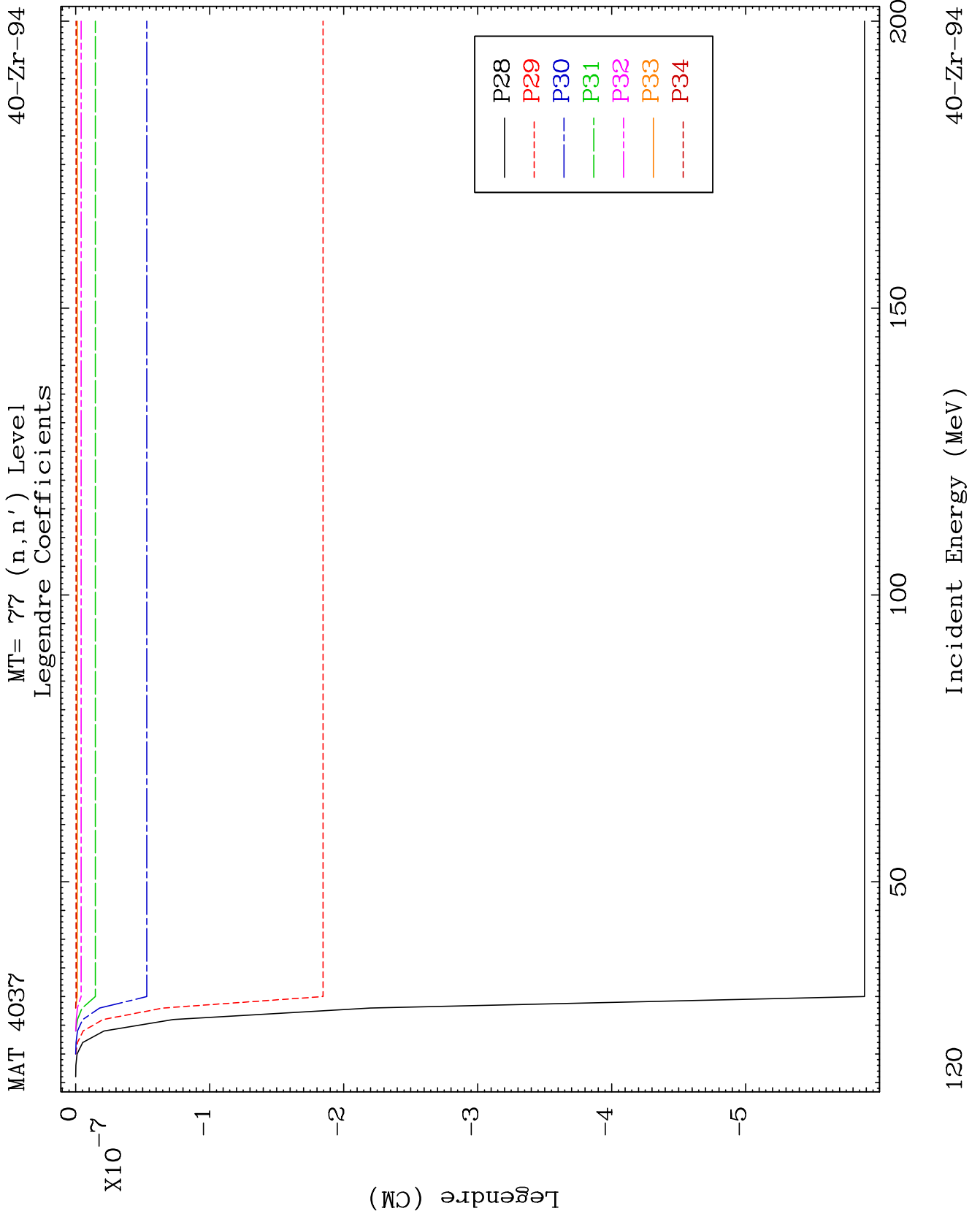


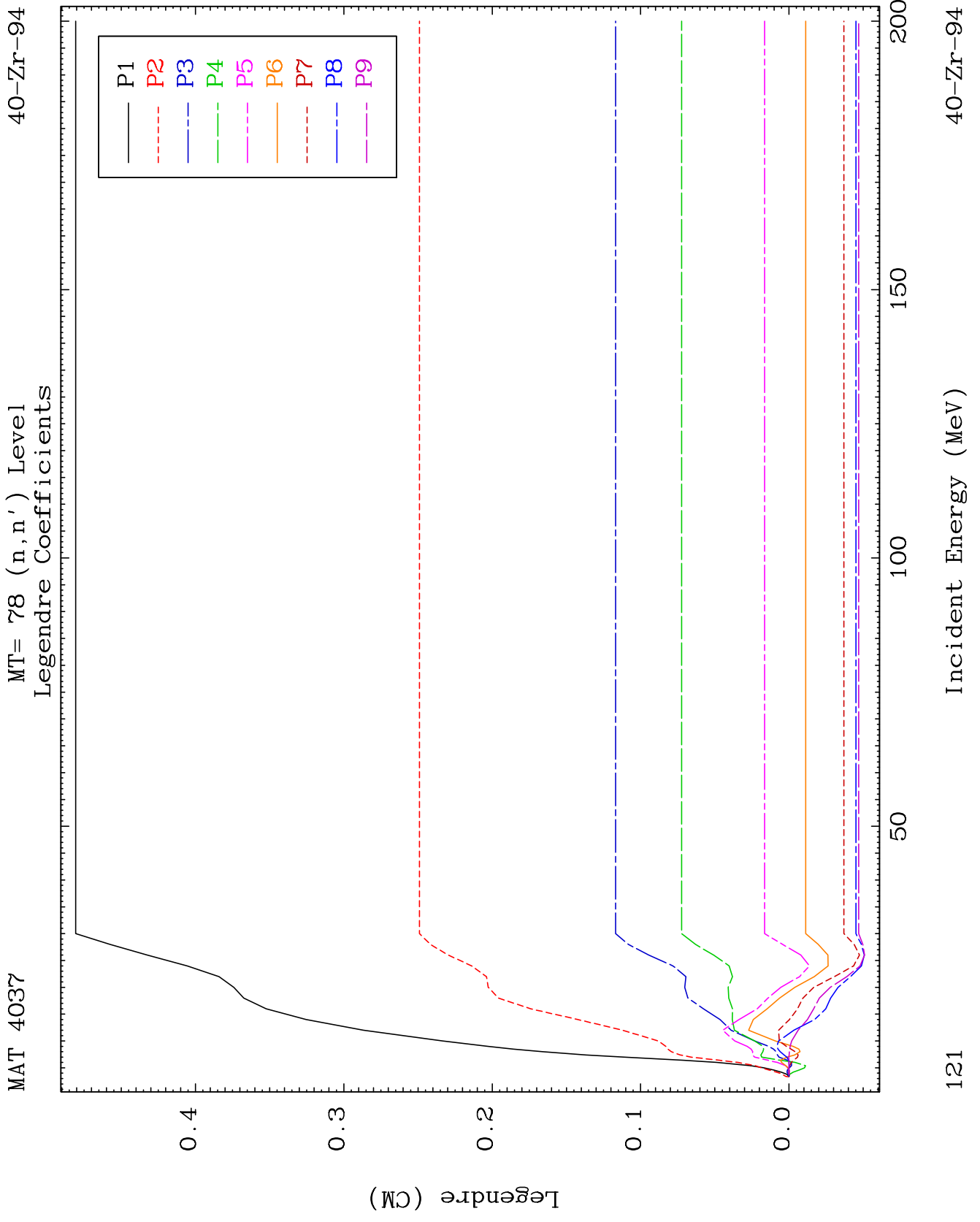
118

Incident Energy (MeV)

40-Zr-94



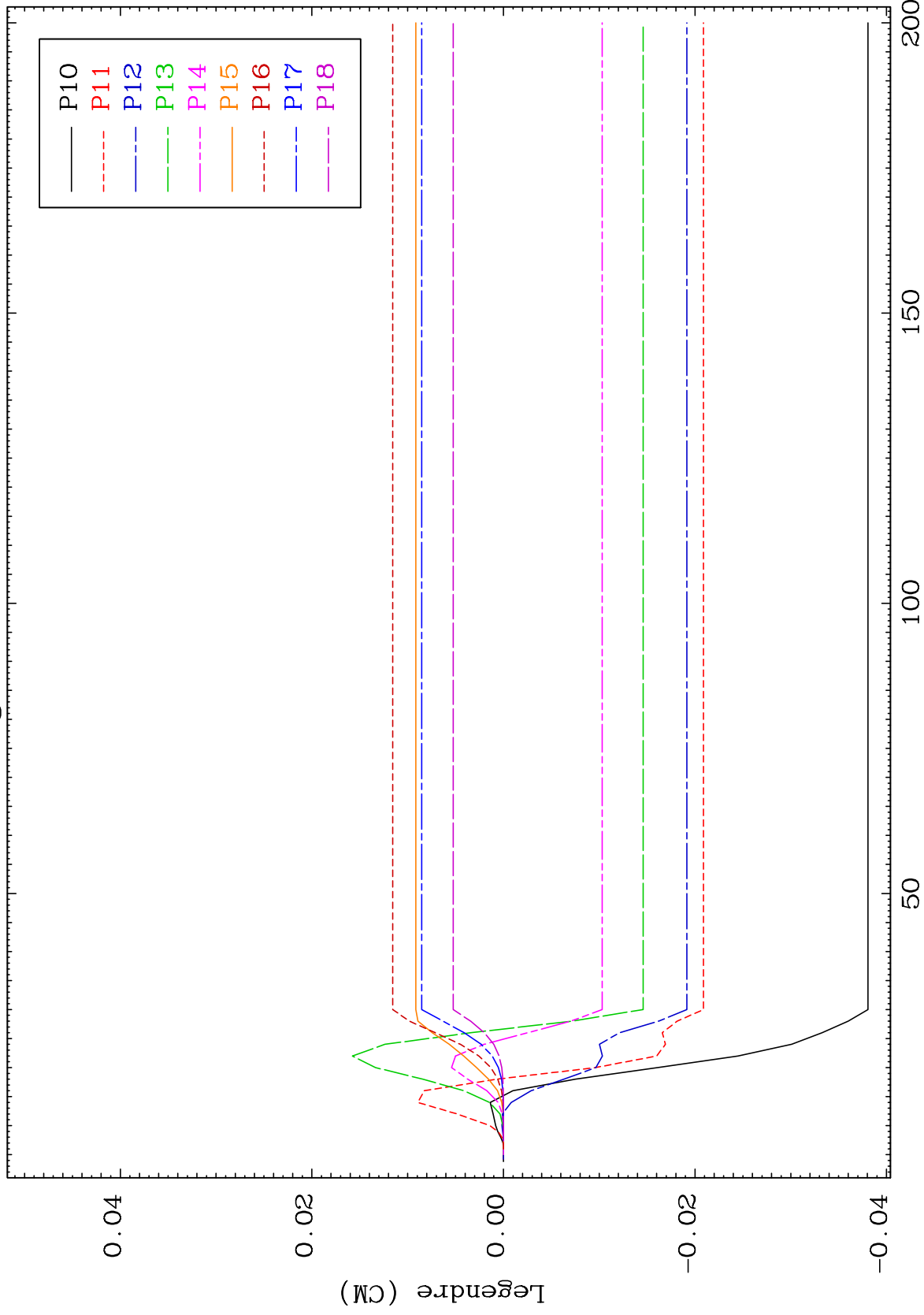




MAT 4037

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

40-Zr-94



122

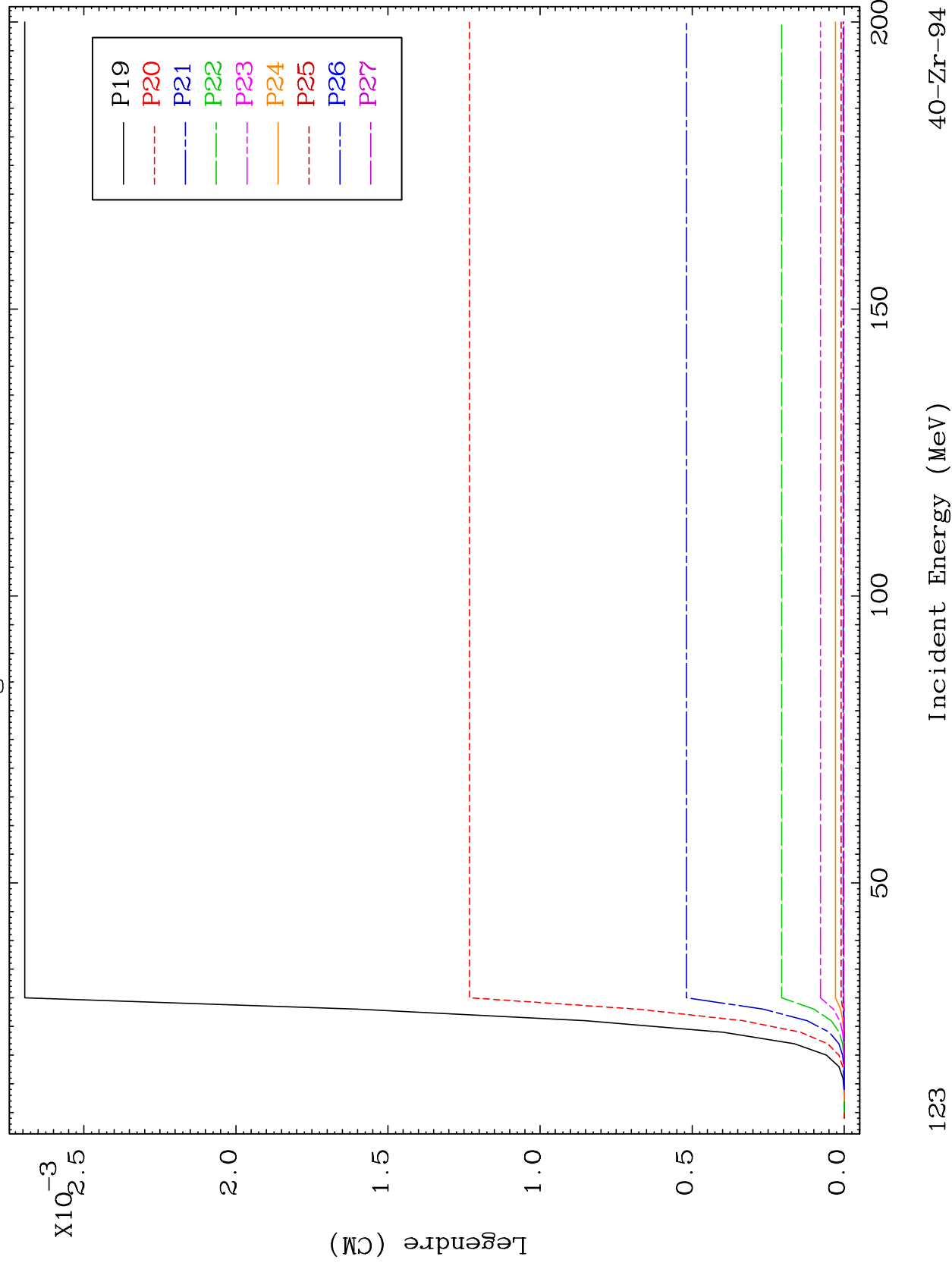
Incident Energy (MeV)

40-Zr-94

MAT 4037

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

40-Zr-94



123

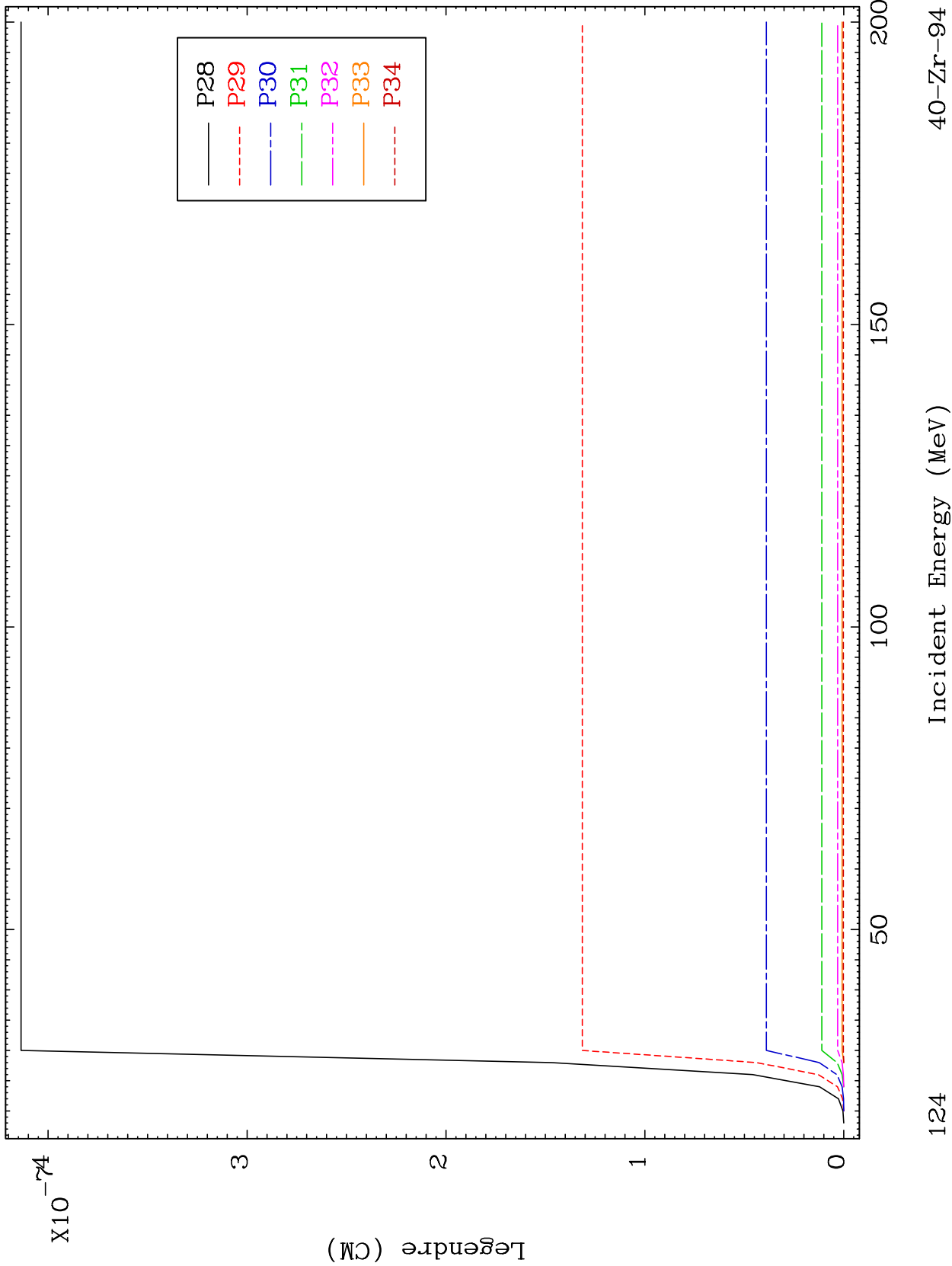
Incident Energy (MeV)

40-Zr-94

MAT 4037

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

40-Zr-94

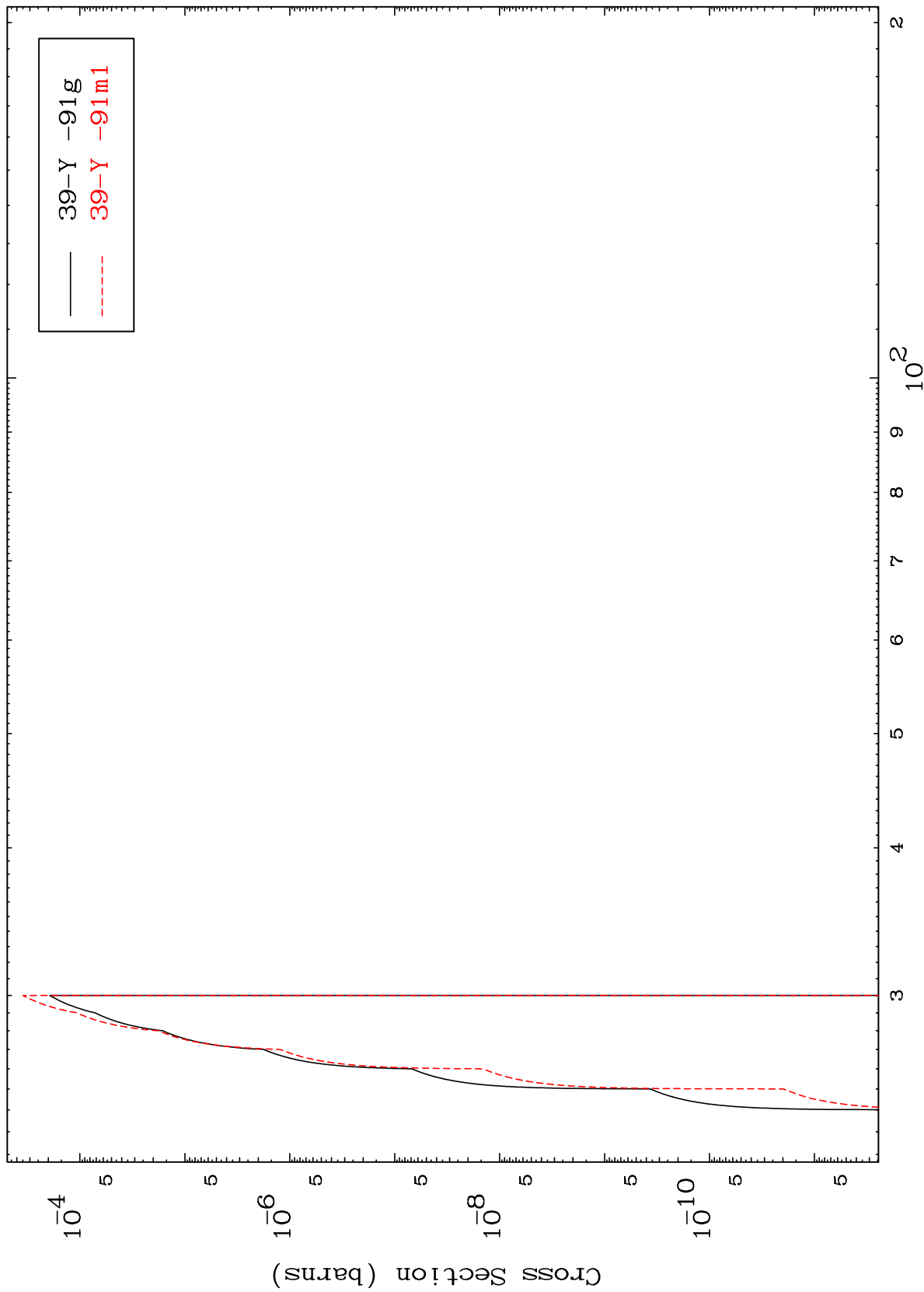


MAT 4037

(n,2n) d

40-Zr-94

Radionuclide Production Cross Section

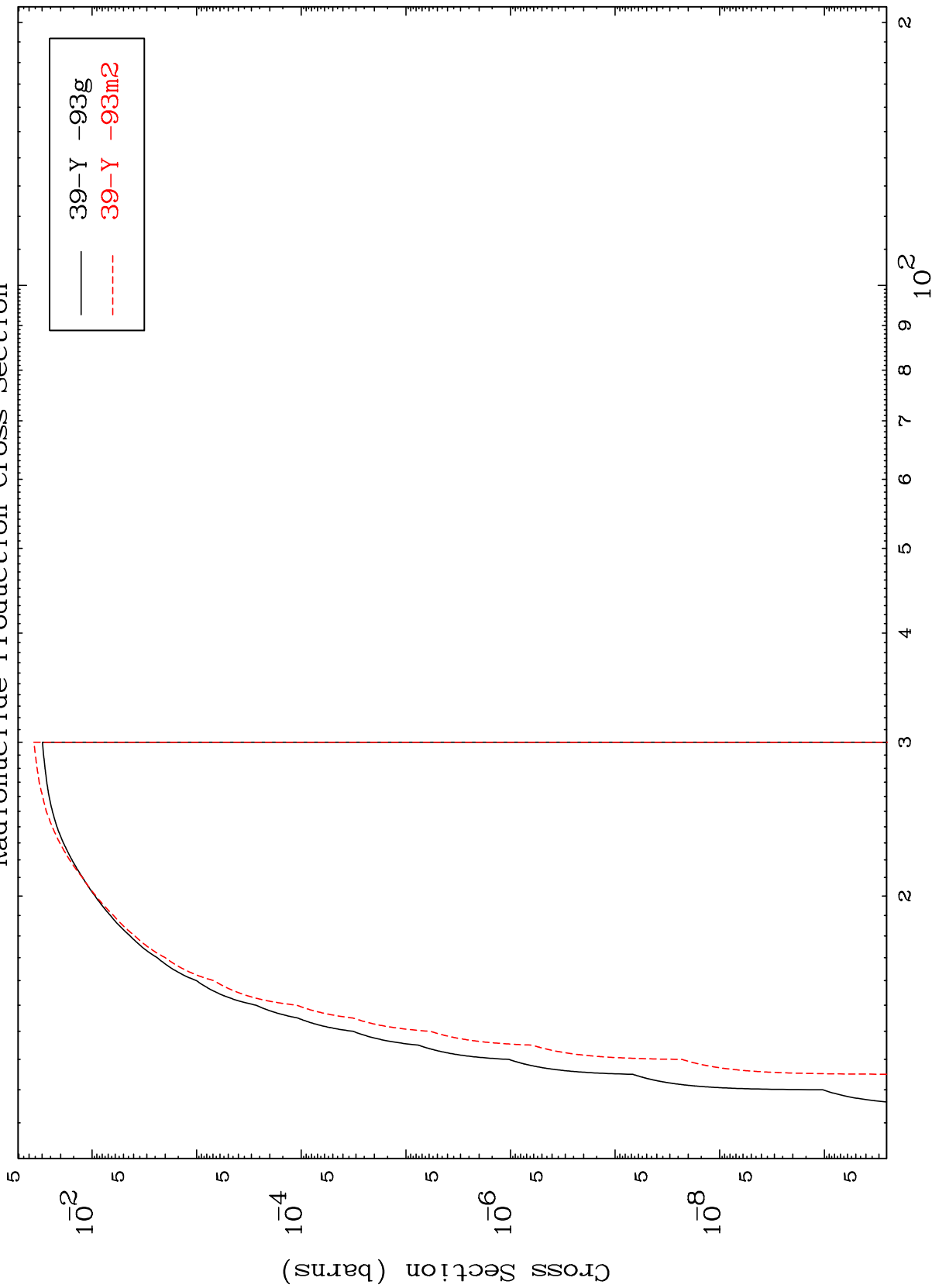


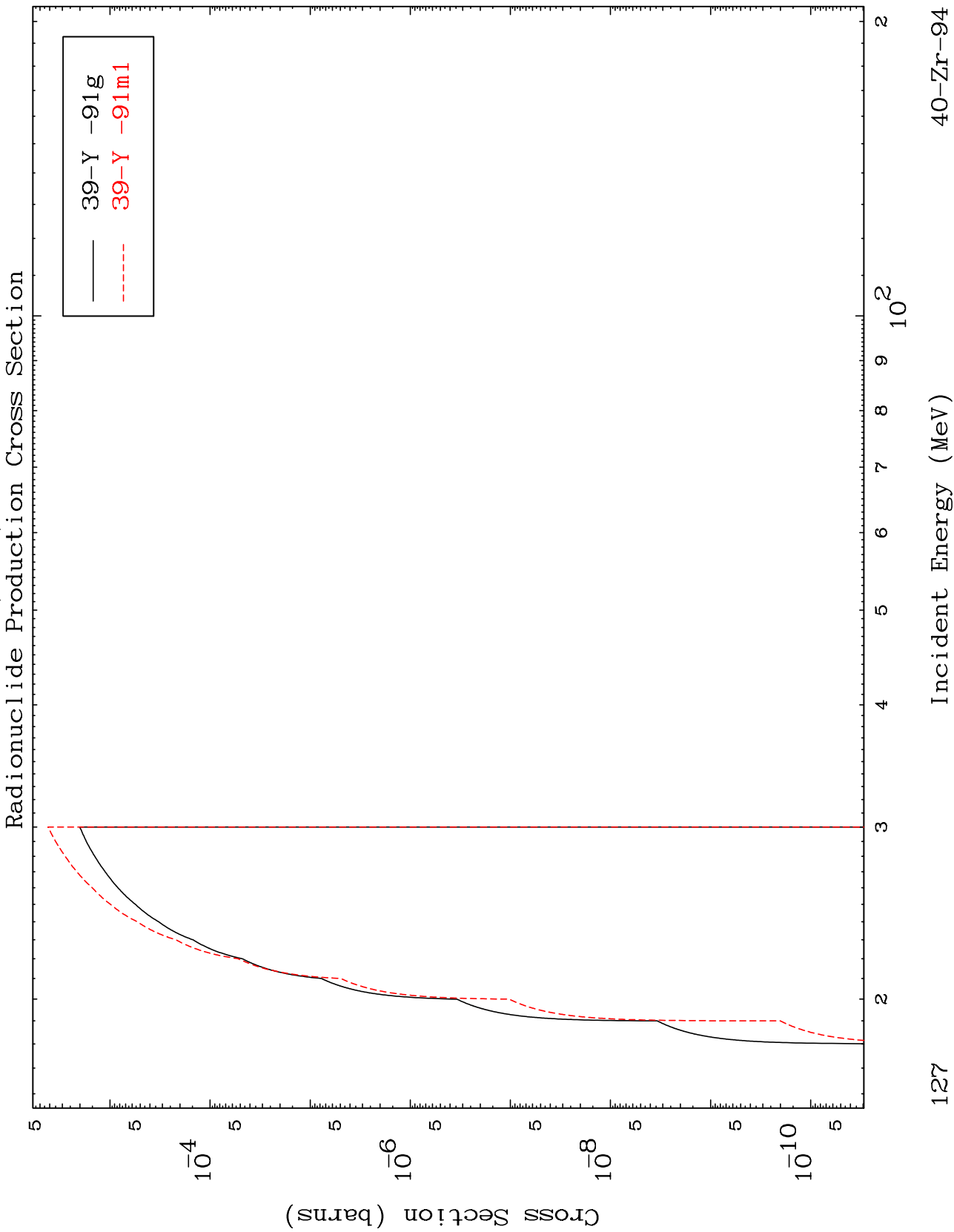
125

Incident Energy (MeV)

40-Zr-94

Radionuclide Production Cross Section



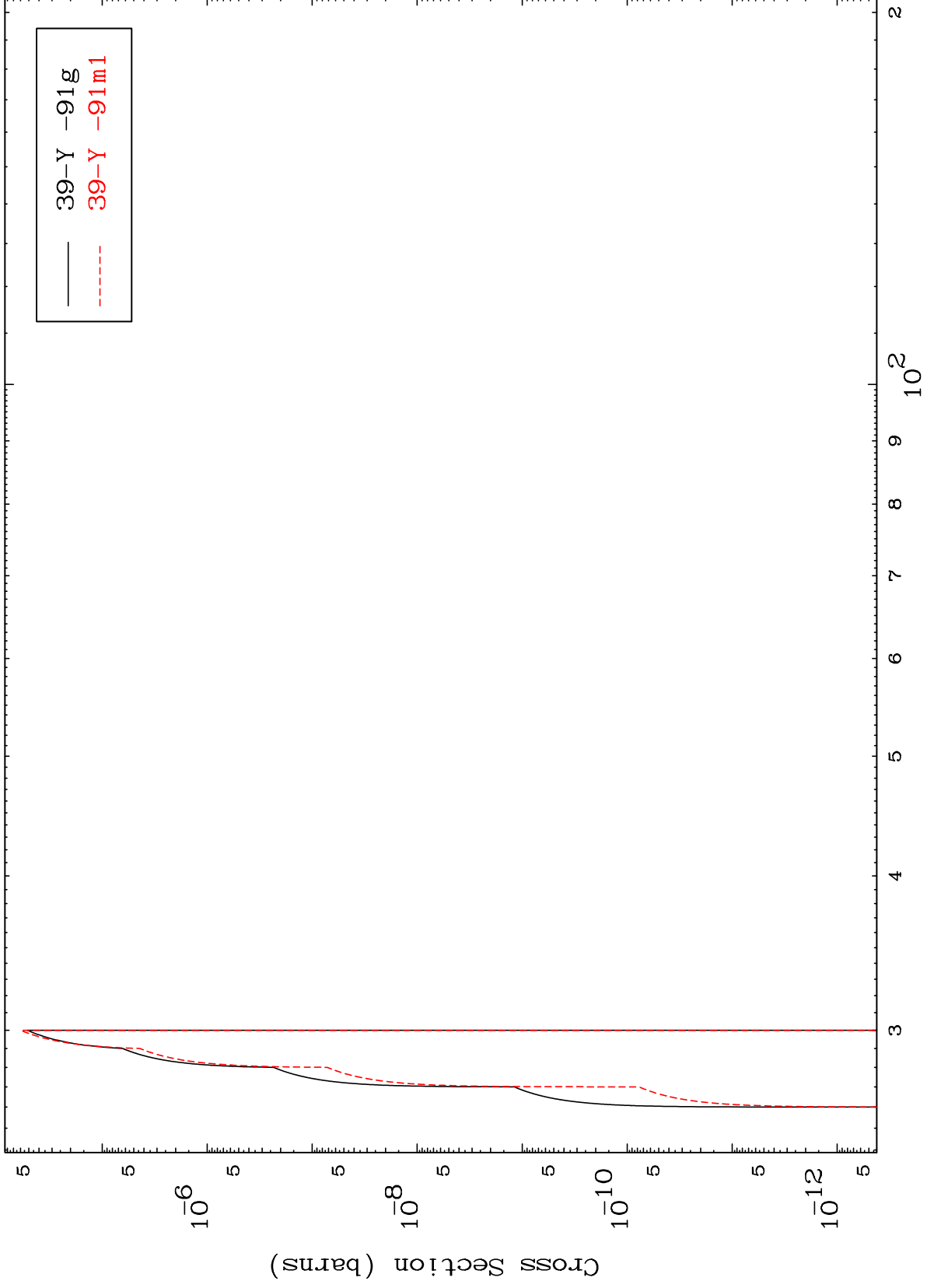


MAT 4037

(n,3n) p

40-Zr-94

Radionuclide Production Cross Section



128

Incident Energy (MeV)

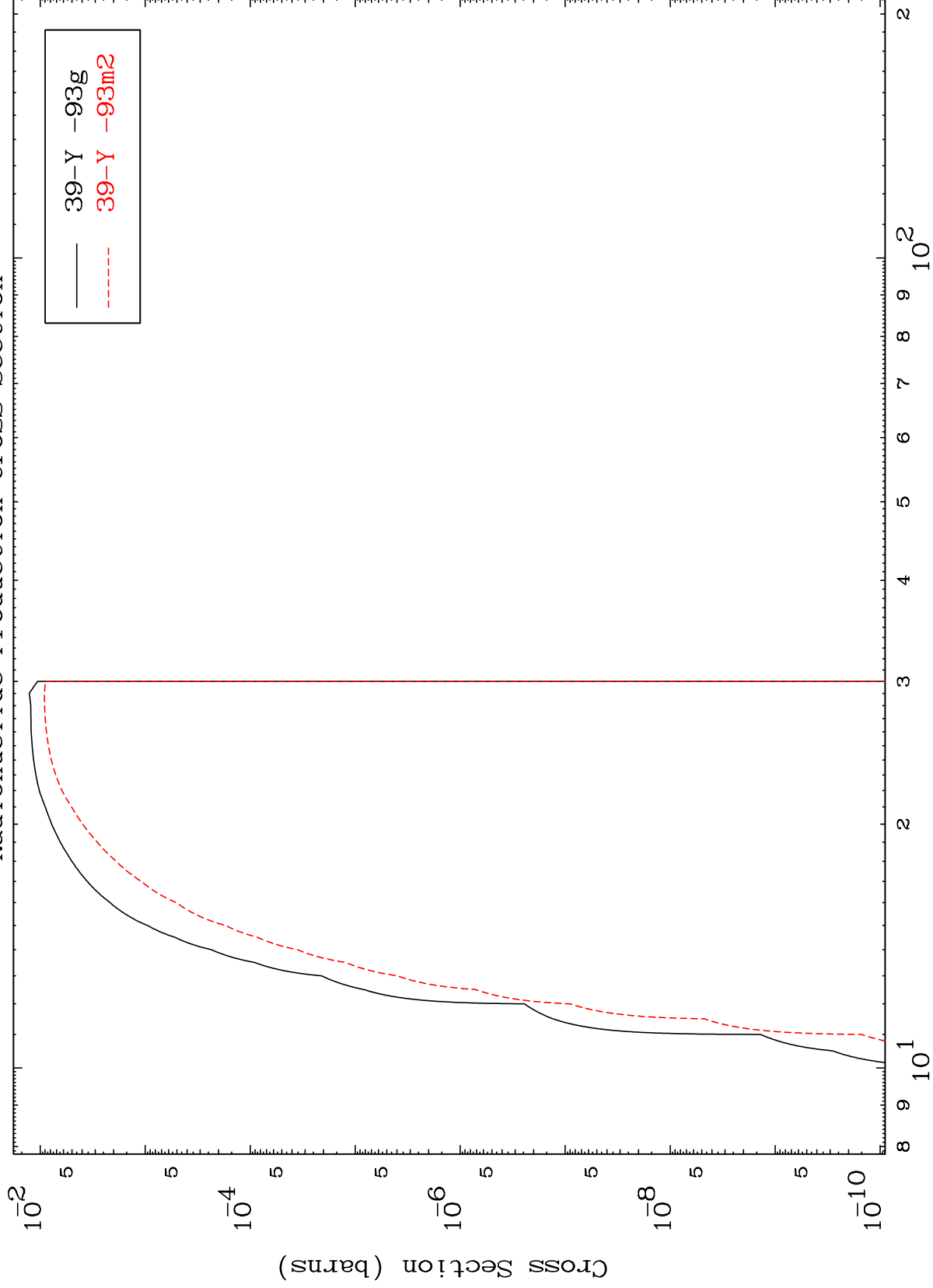
40-Zr-94

MAT 4037

(n,d)

40-Zr-94

Radionuclide Production Cross Section



129

Incident Energy (MeV)

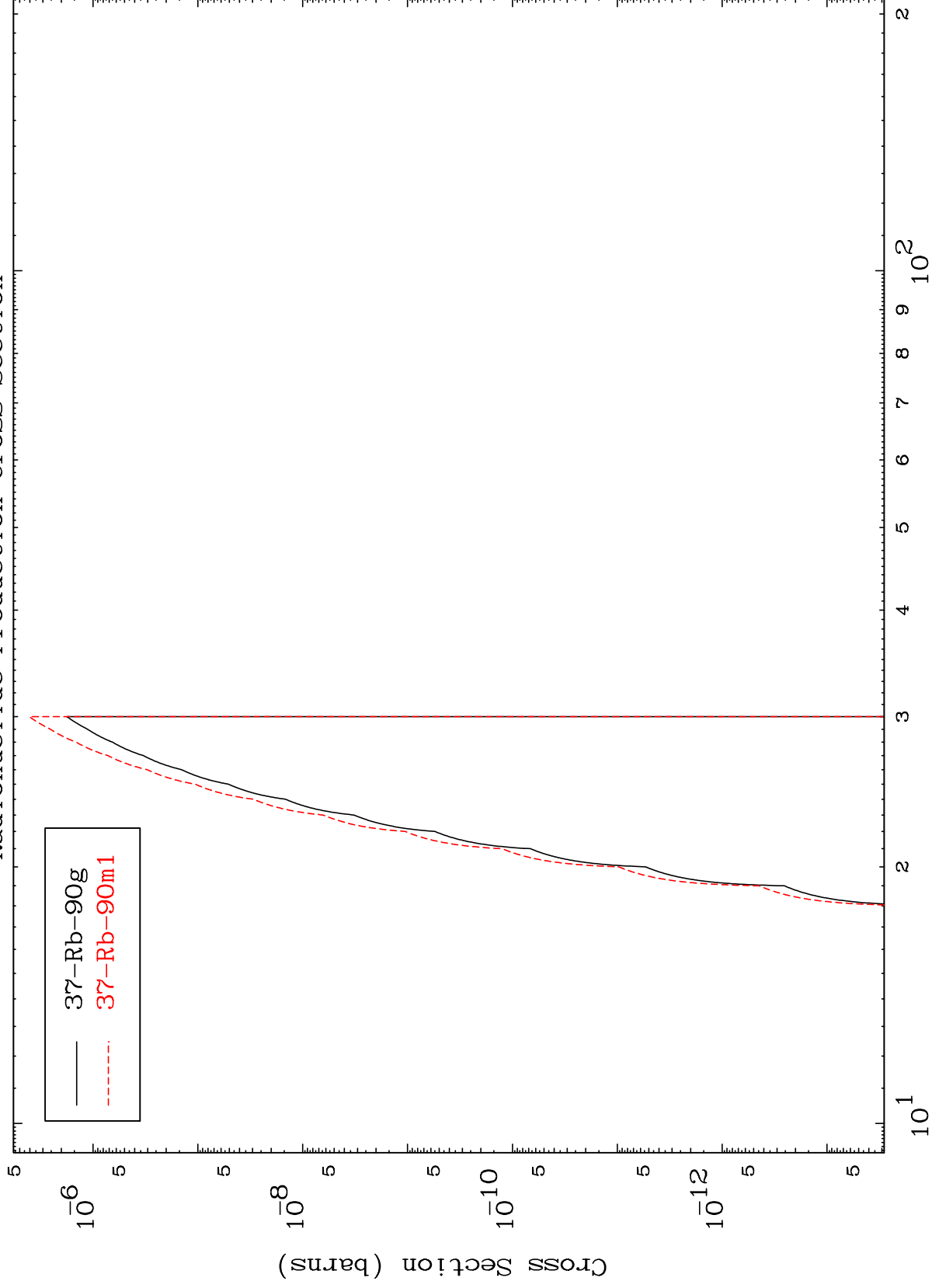
40-Zr-94

MAT 4037

(n,p) α

40-Zr-94

Radionuclide Production Cross Section



Incident Energy (MeV)

40-Zr-94

130