

Program EVALPLOT
(Version 2021-1)

by

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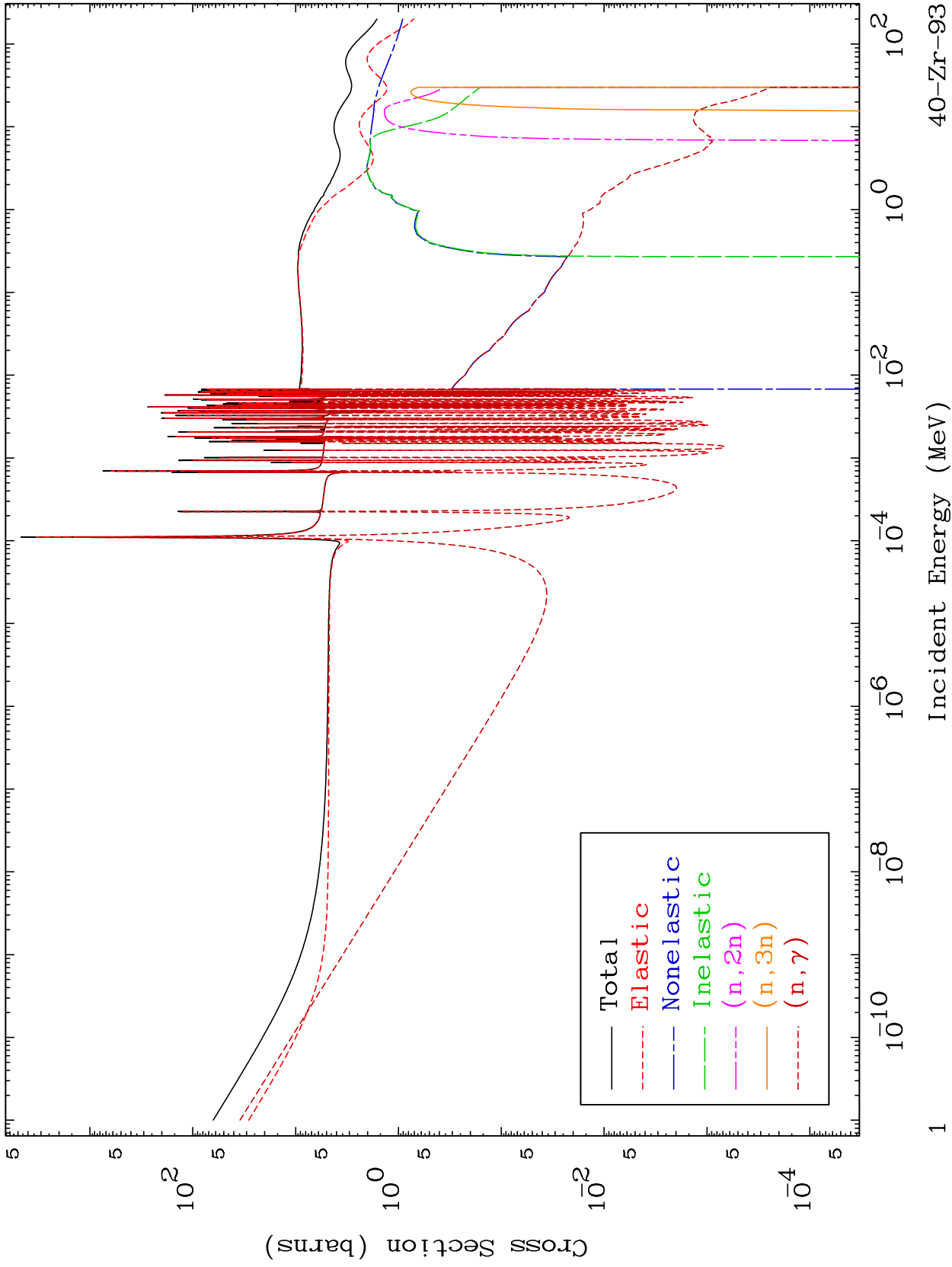
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4034

Neutron Major
293 Kelvin Cross Sections

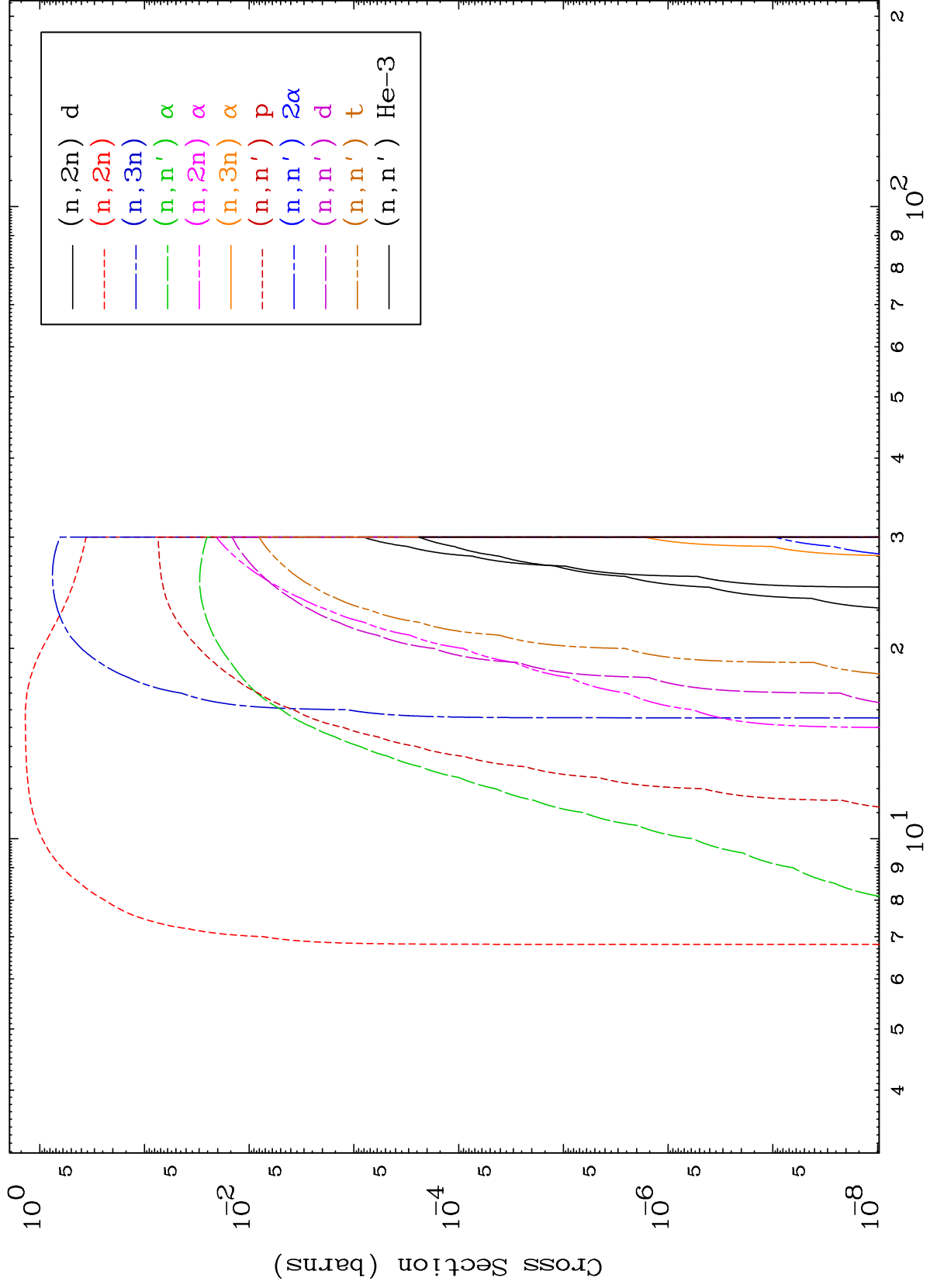
40-Zr-93



MAT 4034

Neutron Absorption
293 Kelvin Cross Sections

40-Zr-93



2

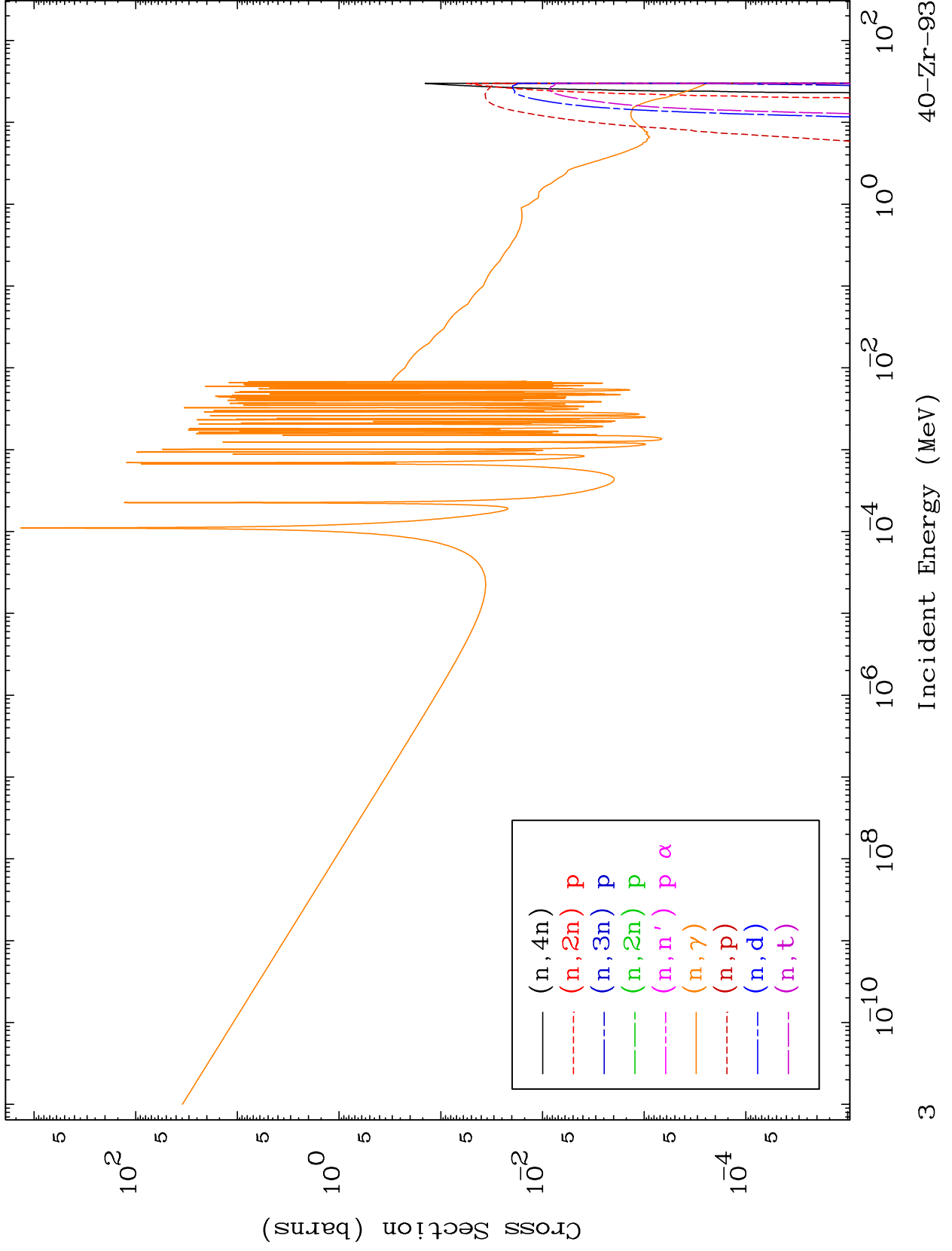
Incident Energy (MeV)

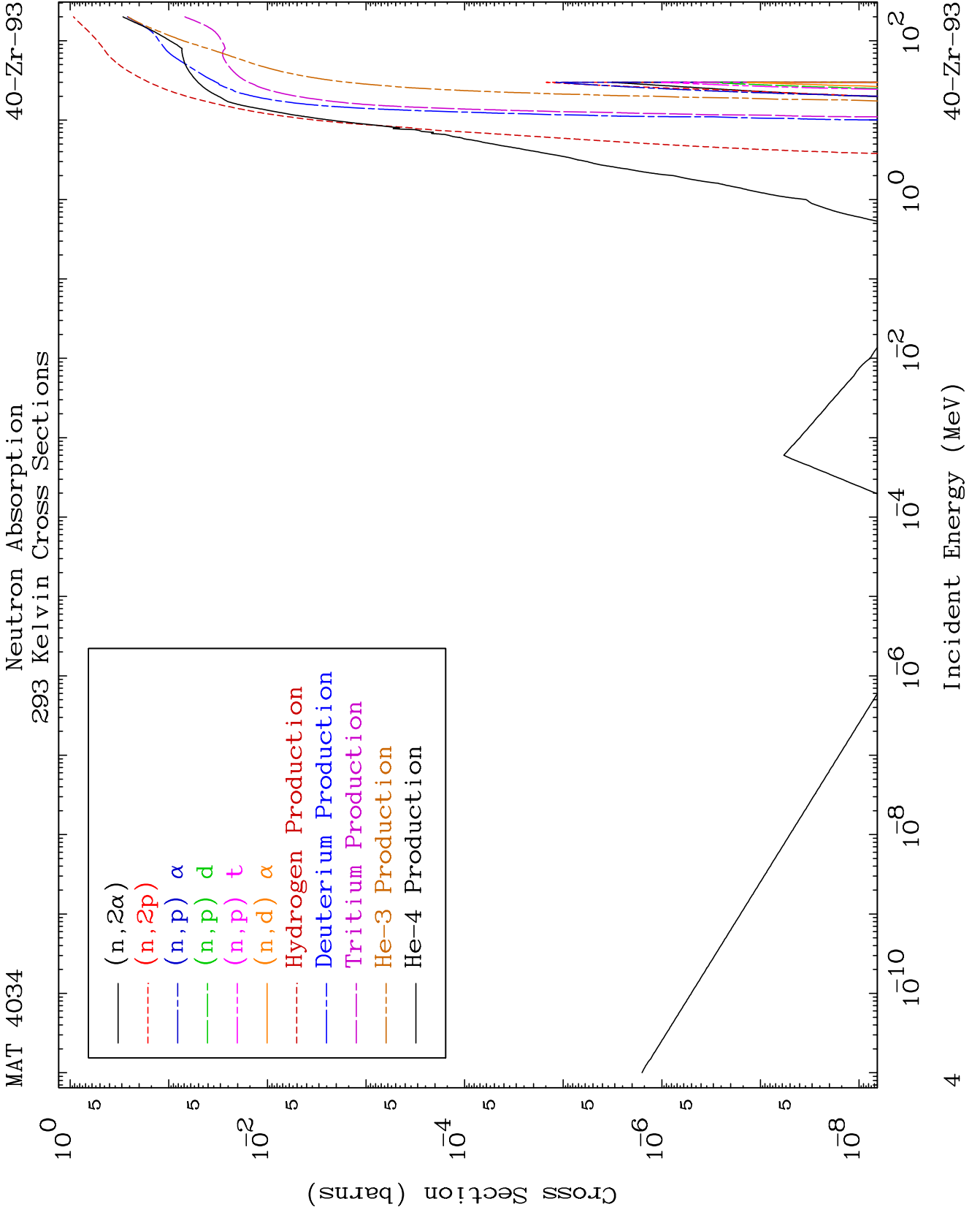
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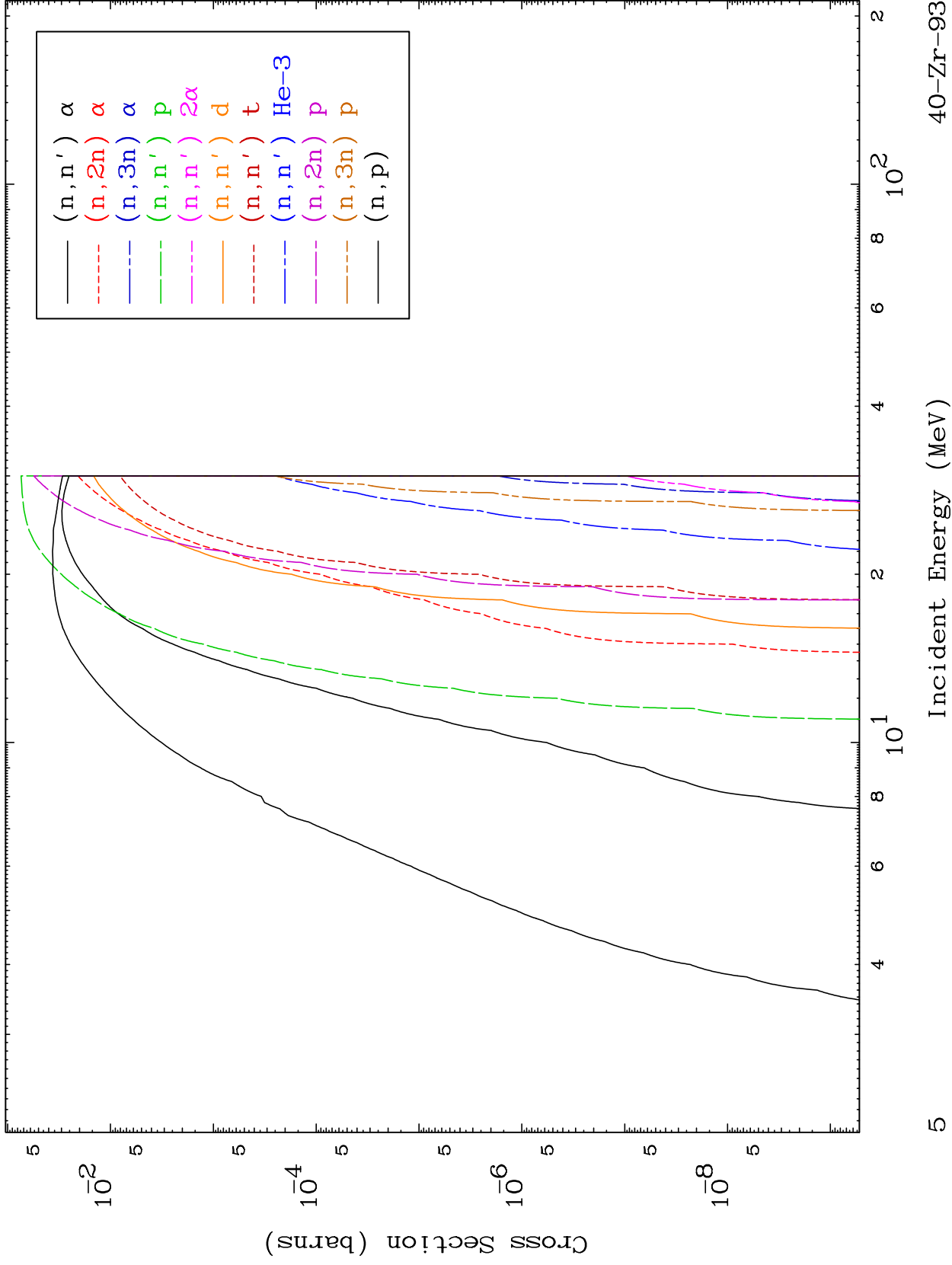
MAT 4034

Neutron Absorption
293 Kelvin Cross Sections

40-Zr-93



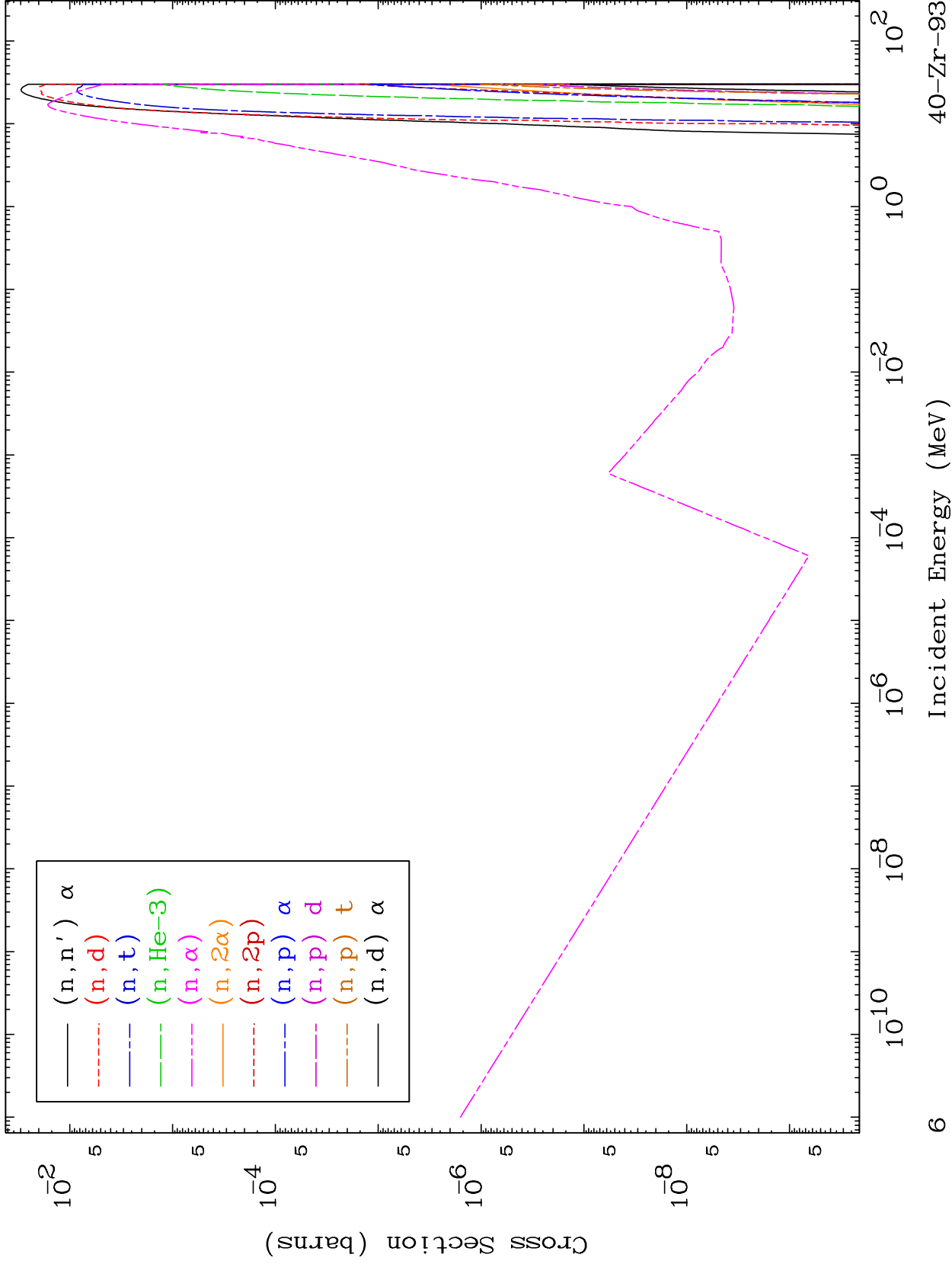




MAT 4034

Charged Particle
293 Kelvin Cross Sections

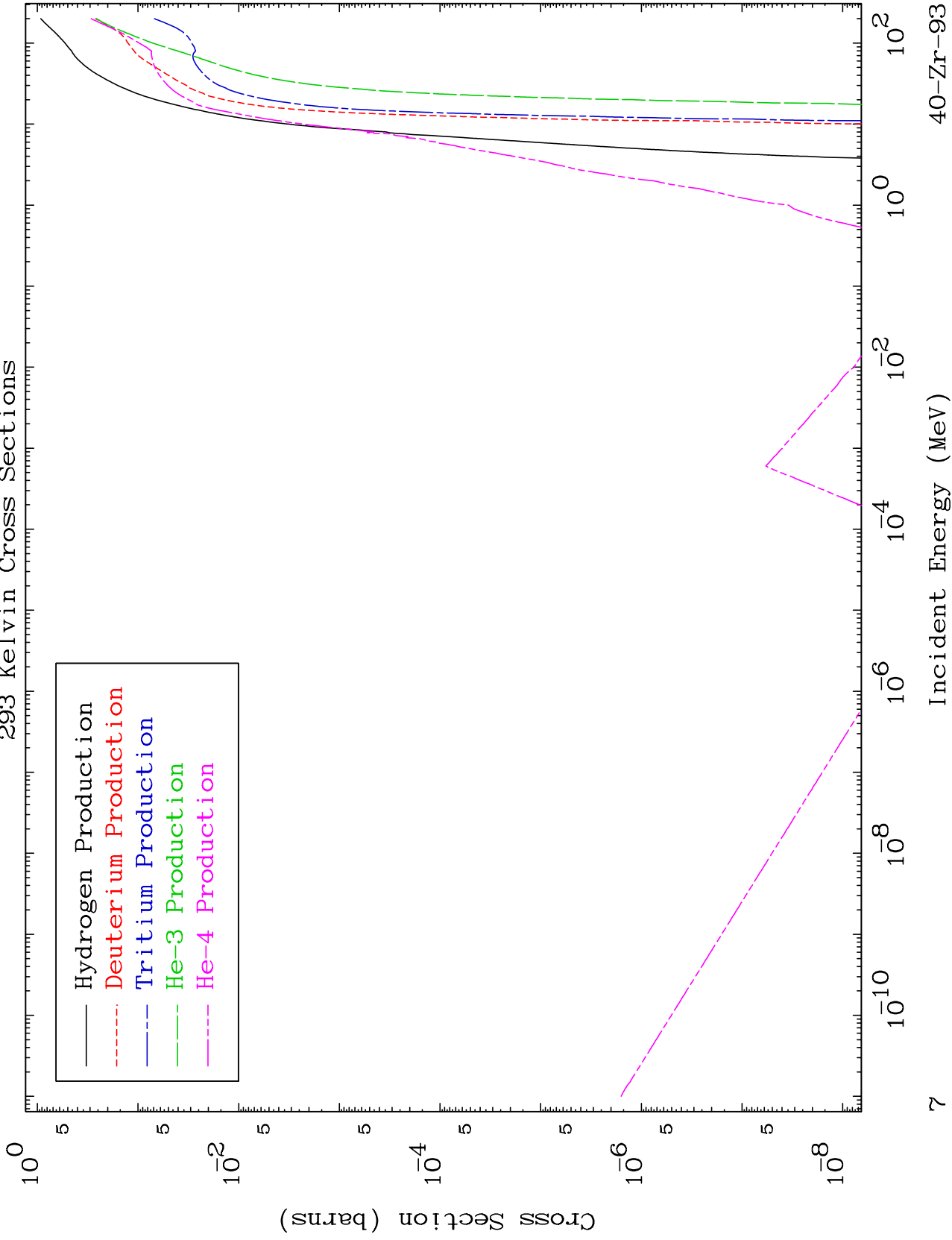
40-Zr-93



MAT 4034

Particle Production
293 Kelvin Cross Sections

40-Zr-93

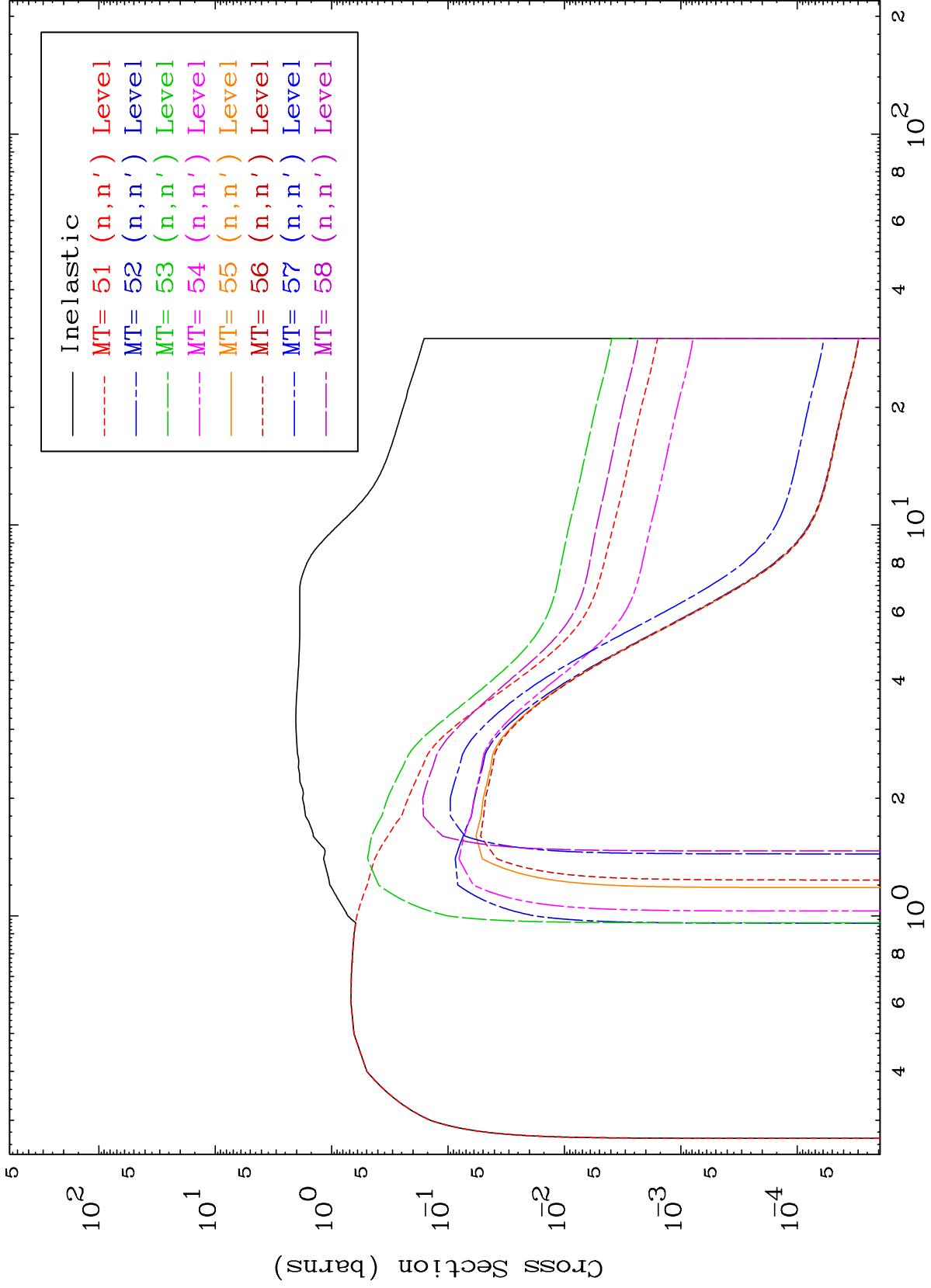


MAT 4034

(n,n') Levels

40-Zr-93

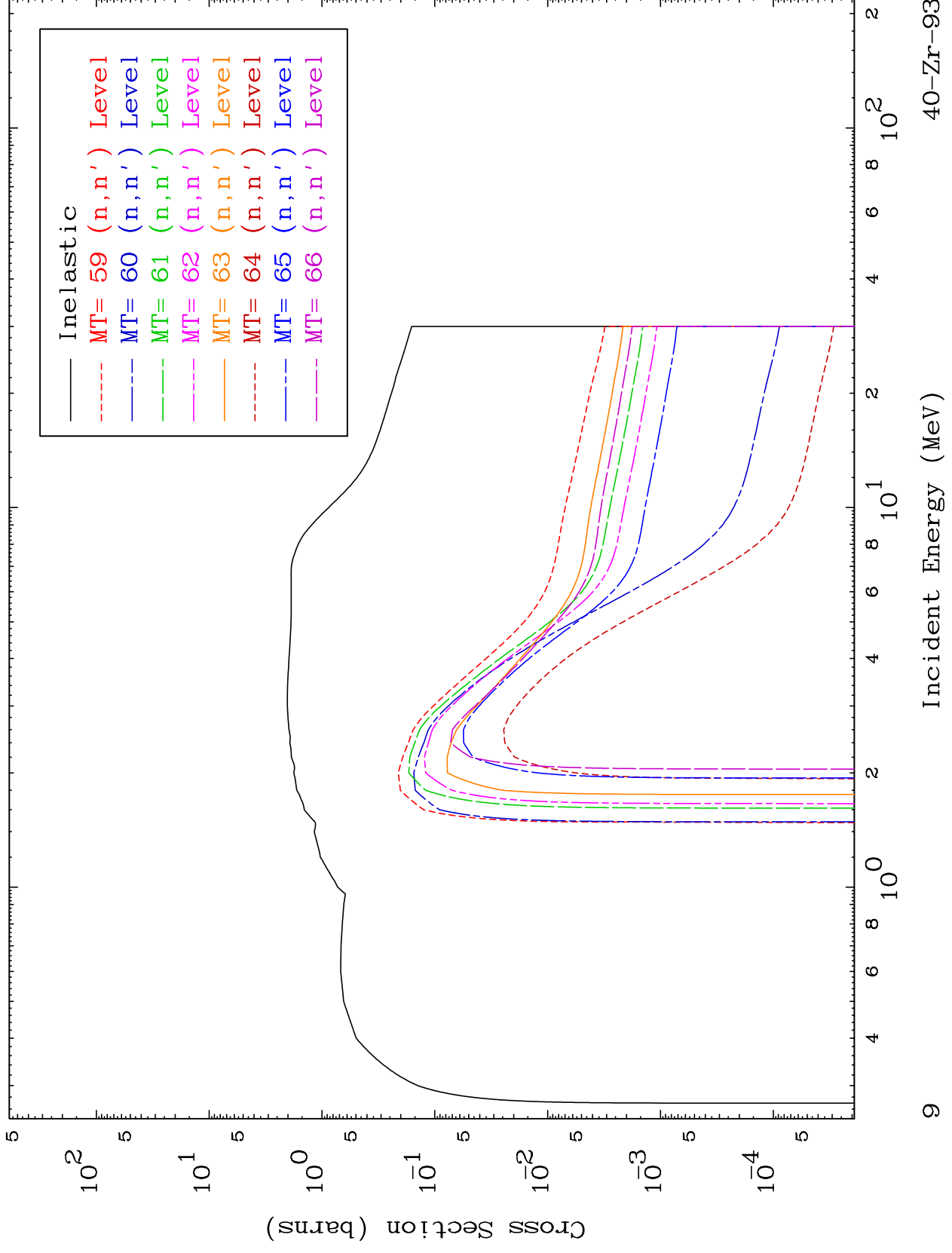
293 Kelvin Cross Sections



8

Incident Energy (MeV)

40-Zr-93

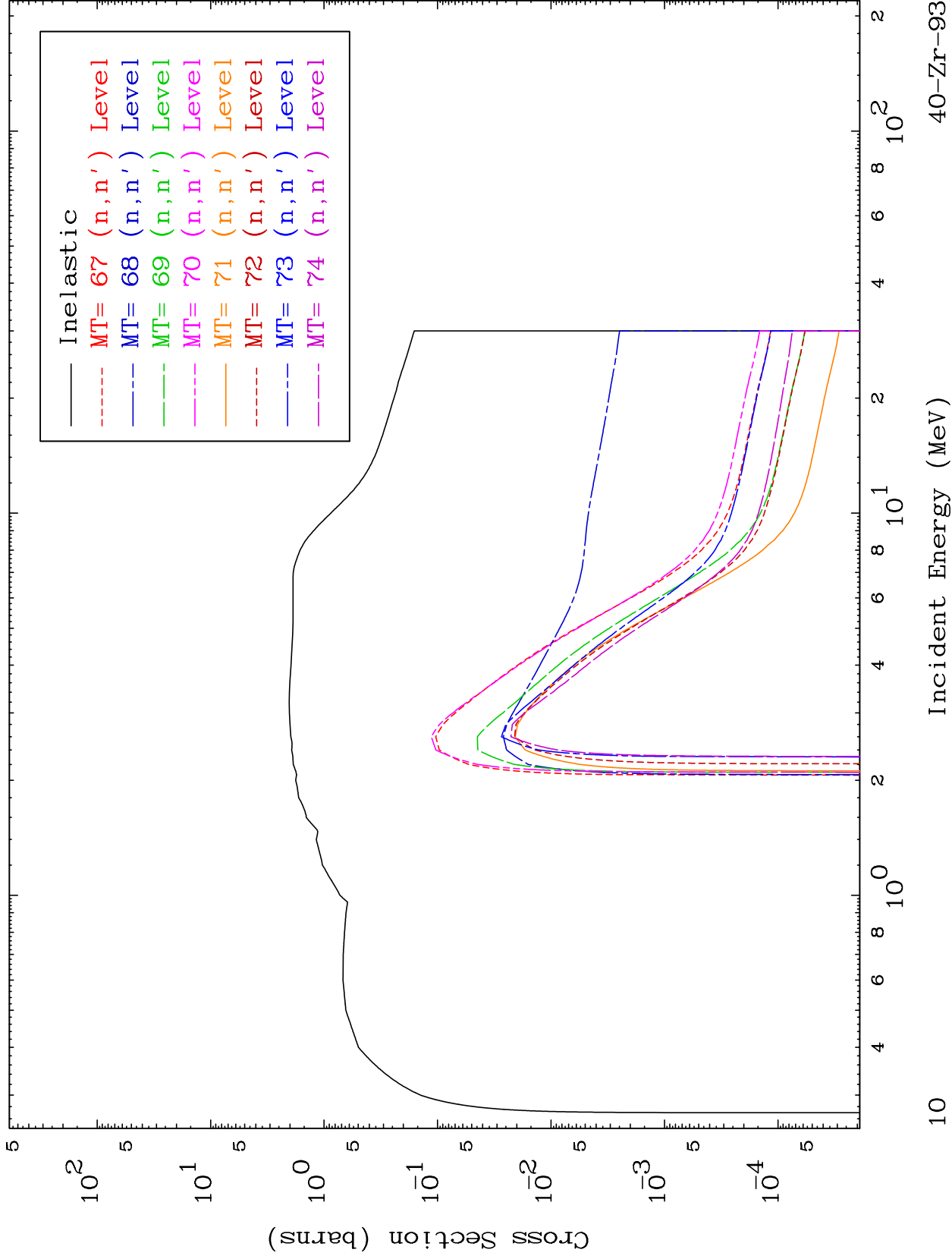


MAT 4034

(n,n') Levels

40-Zr-93

293 Kelvin Cross Sections

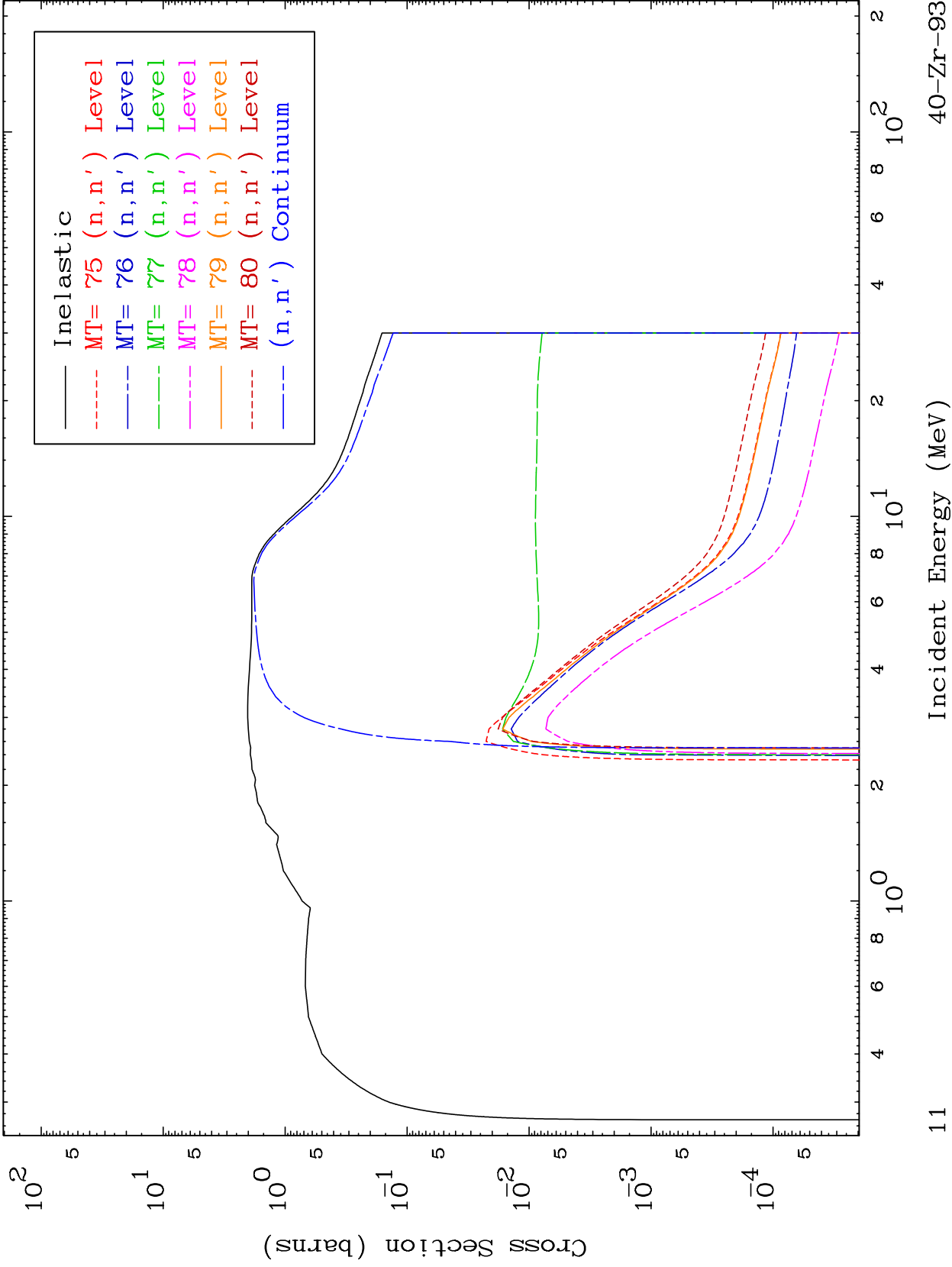


MAT 4034

(n,n') Levels

40-Zr-93

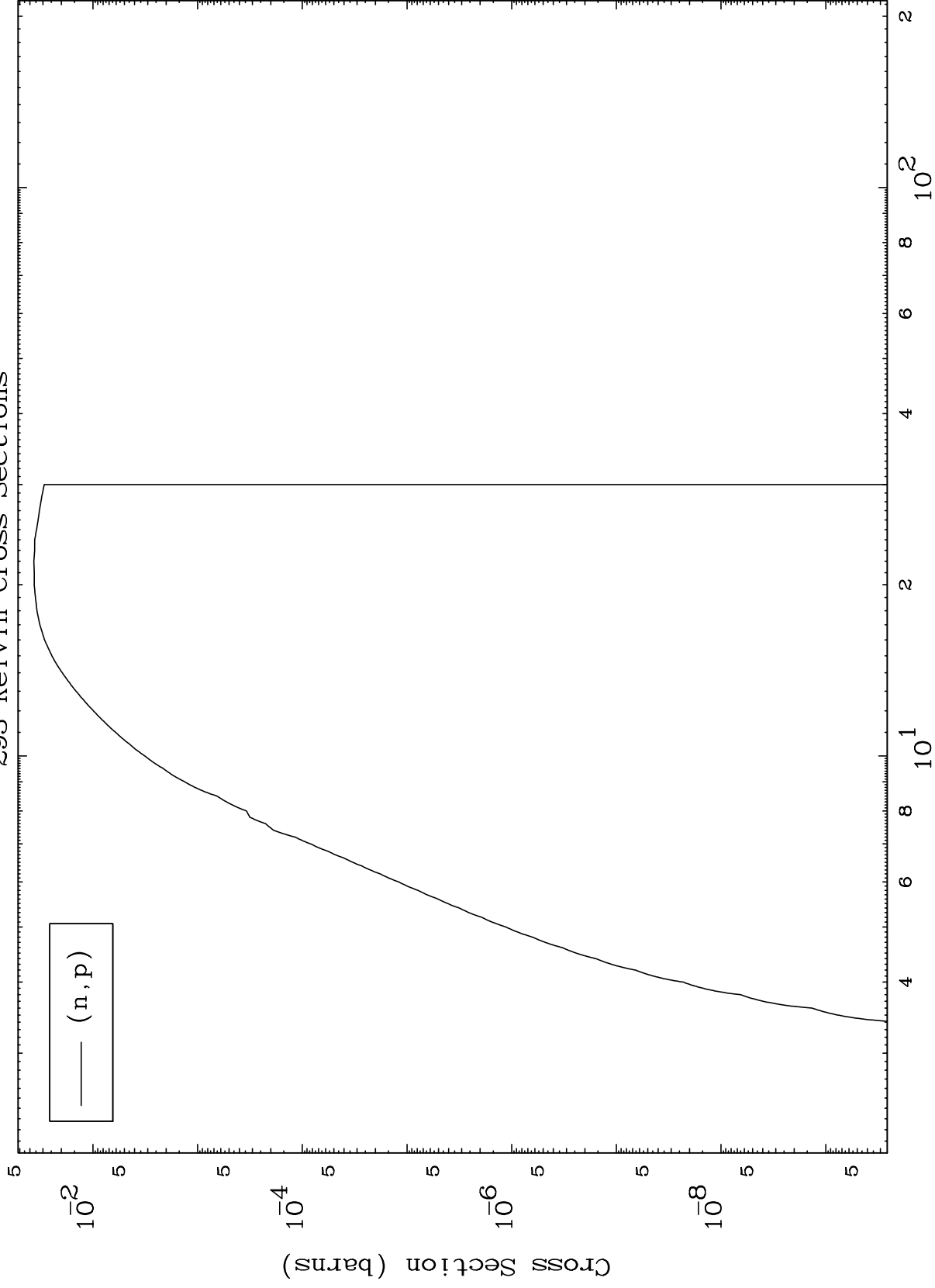
293 Kelvin Cross Sections



MAT 4034

(n,p) Levels
293 Kelvin Cross Sections

40-Zr-93



12

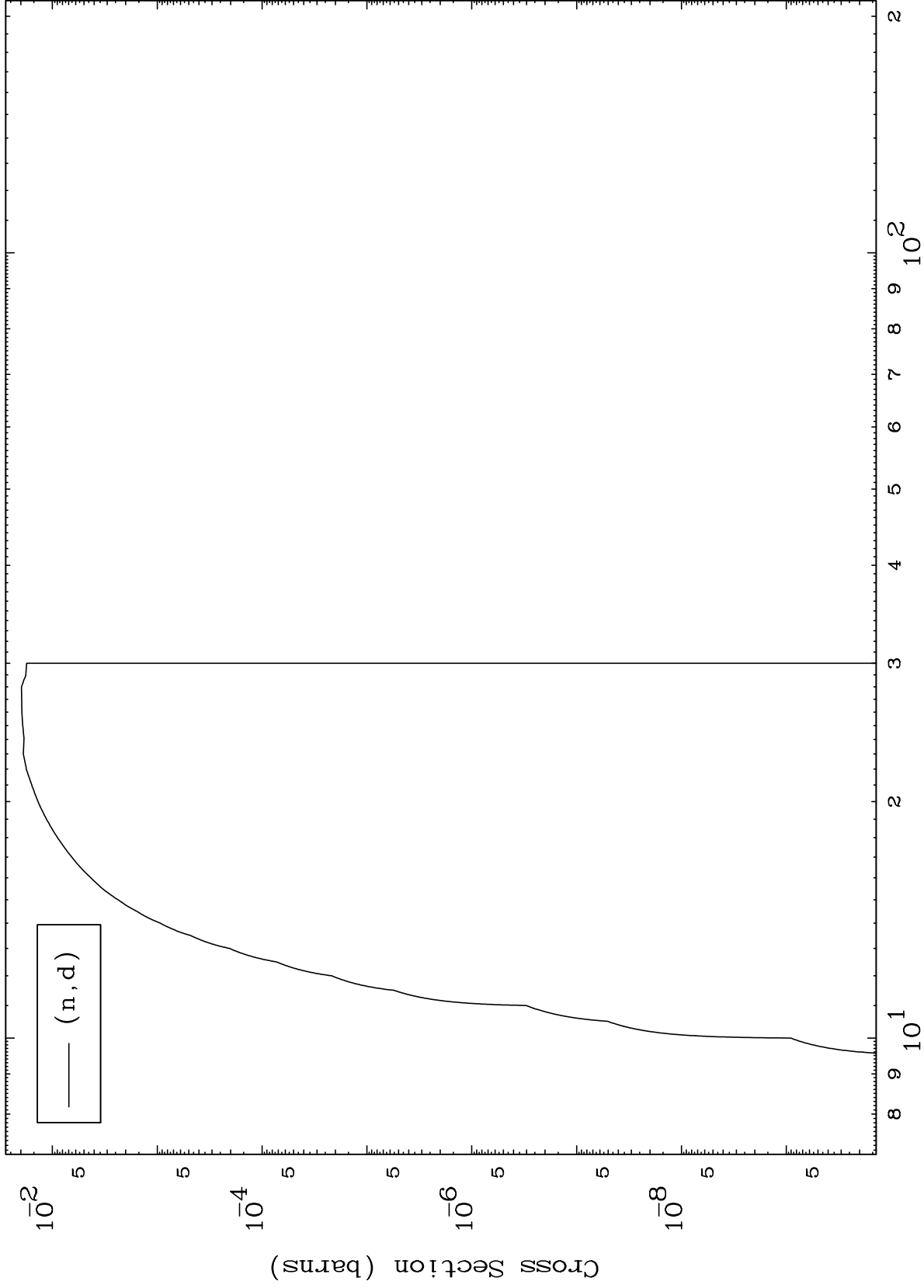
Incident Energy (MeV)

40-Zr-93

MAT 4034

(n,d) Levels
293 Kelvin Cross Sections

40-Zr-93



13

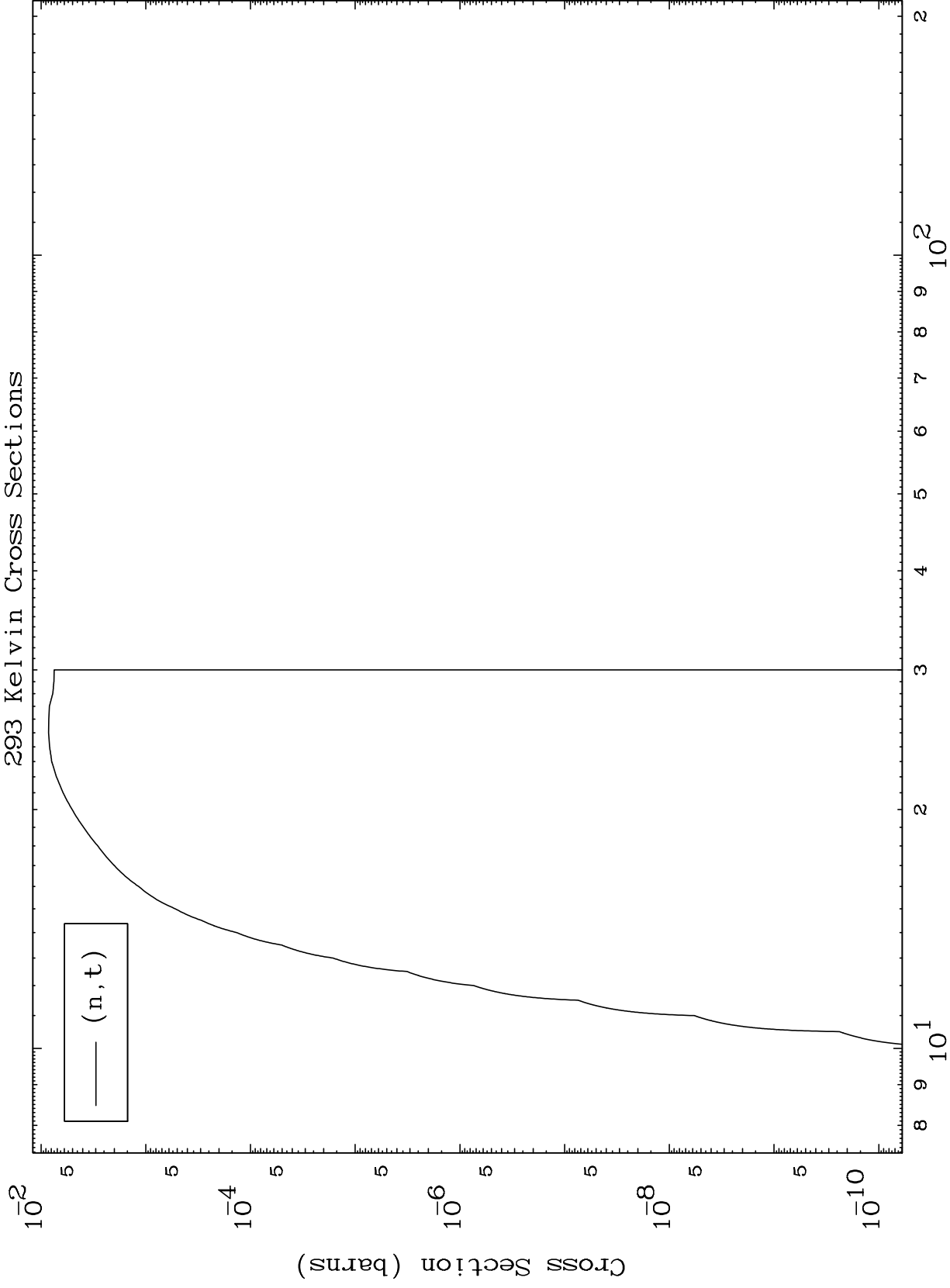
Incident Energy (MeV)

40-Zr-93

MAT 4034

(n,t) Levels
293 Kelvin Cross Sections

40-Zr-93



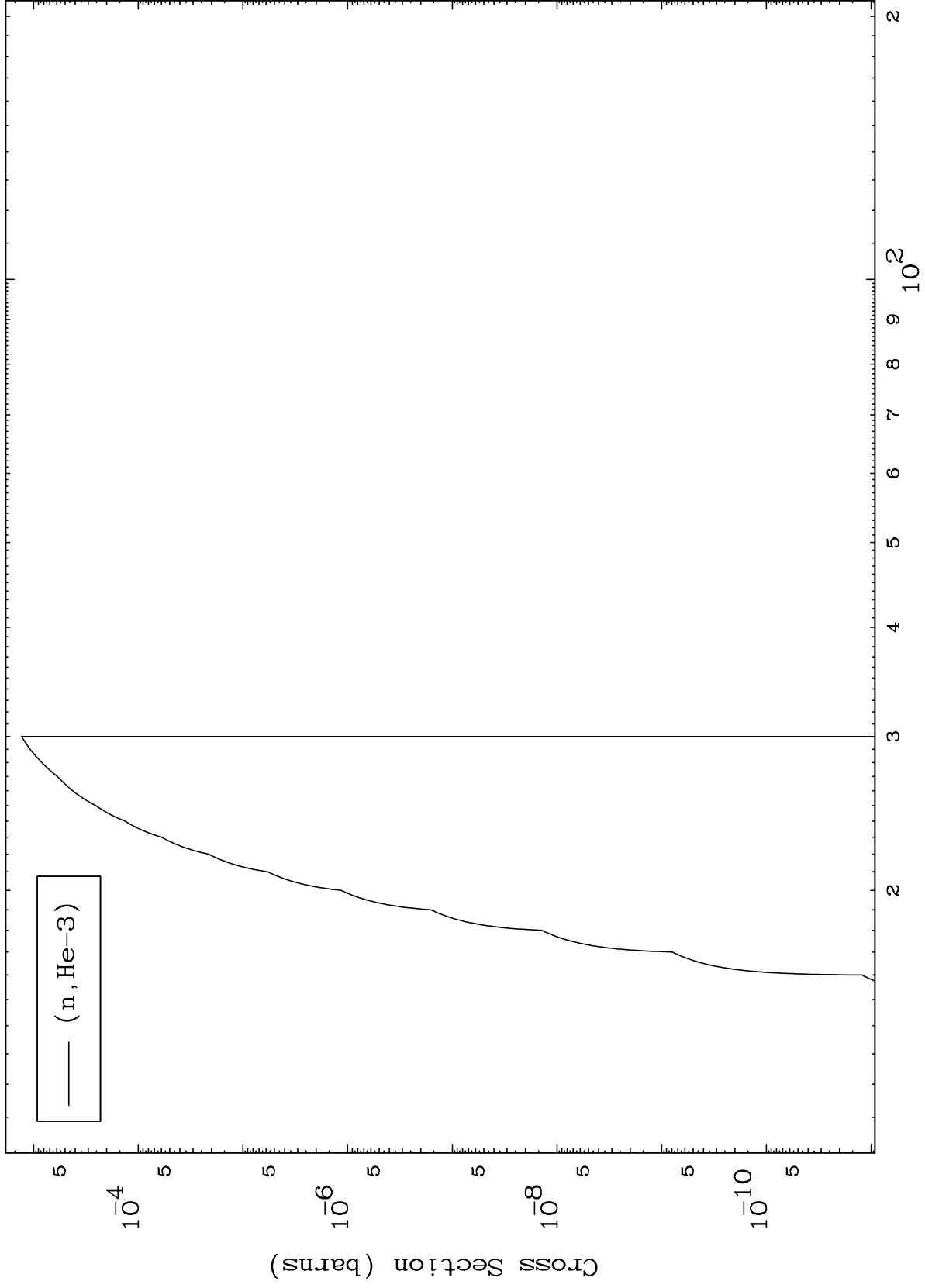
Incident Energy (MeV)

40-Zr-93

MAT 4034

(n,He3) Levels
293 Kelvin Cross Sections

40-Zr-93



15

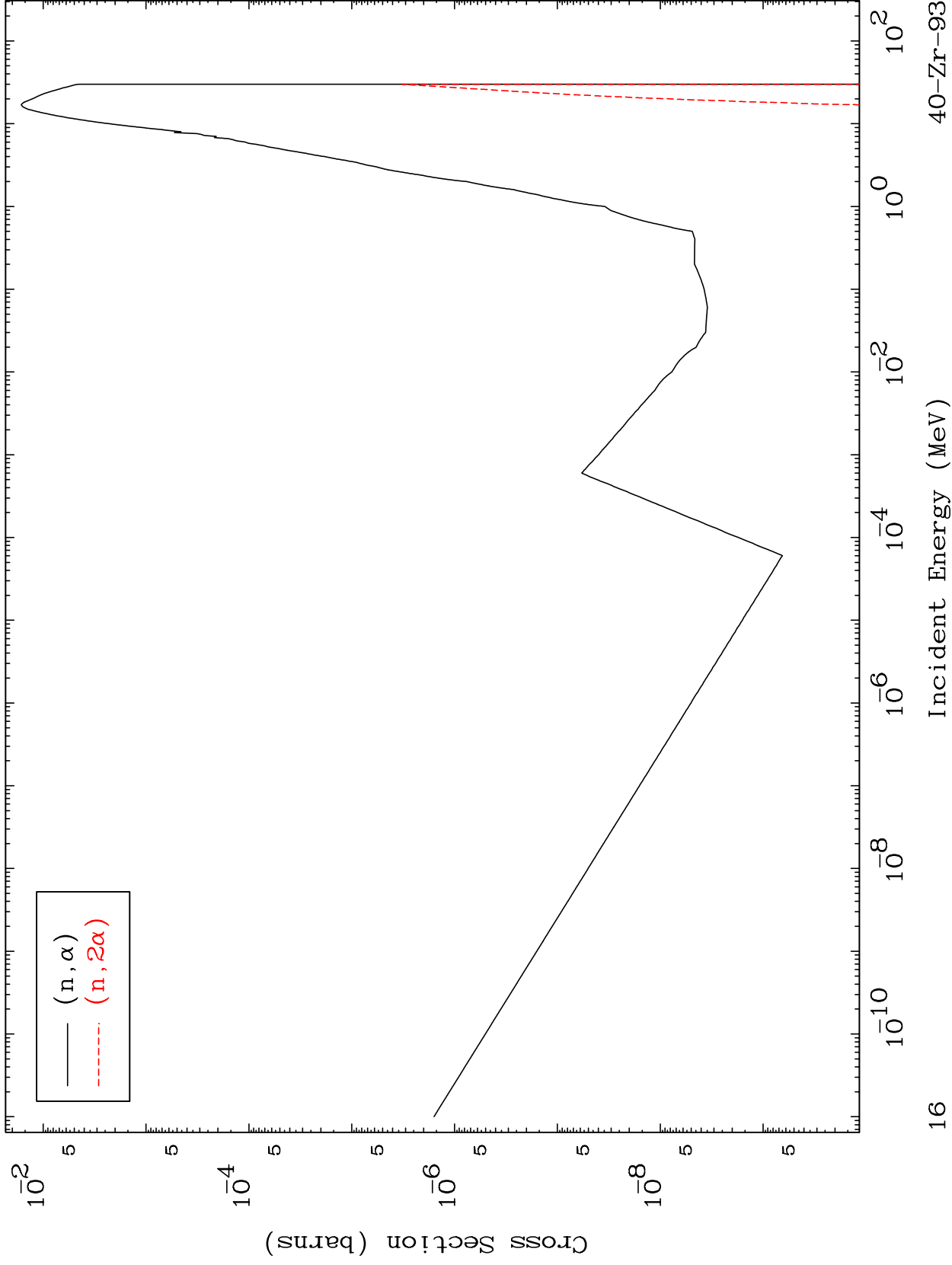
Incident Energy (MeV)

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MAT 4034

(n, α) Levels
293 Kelvin Cross Sections

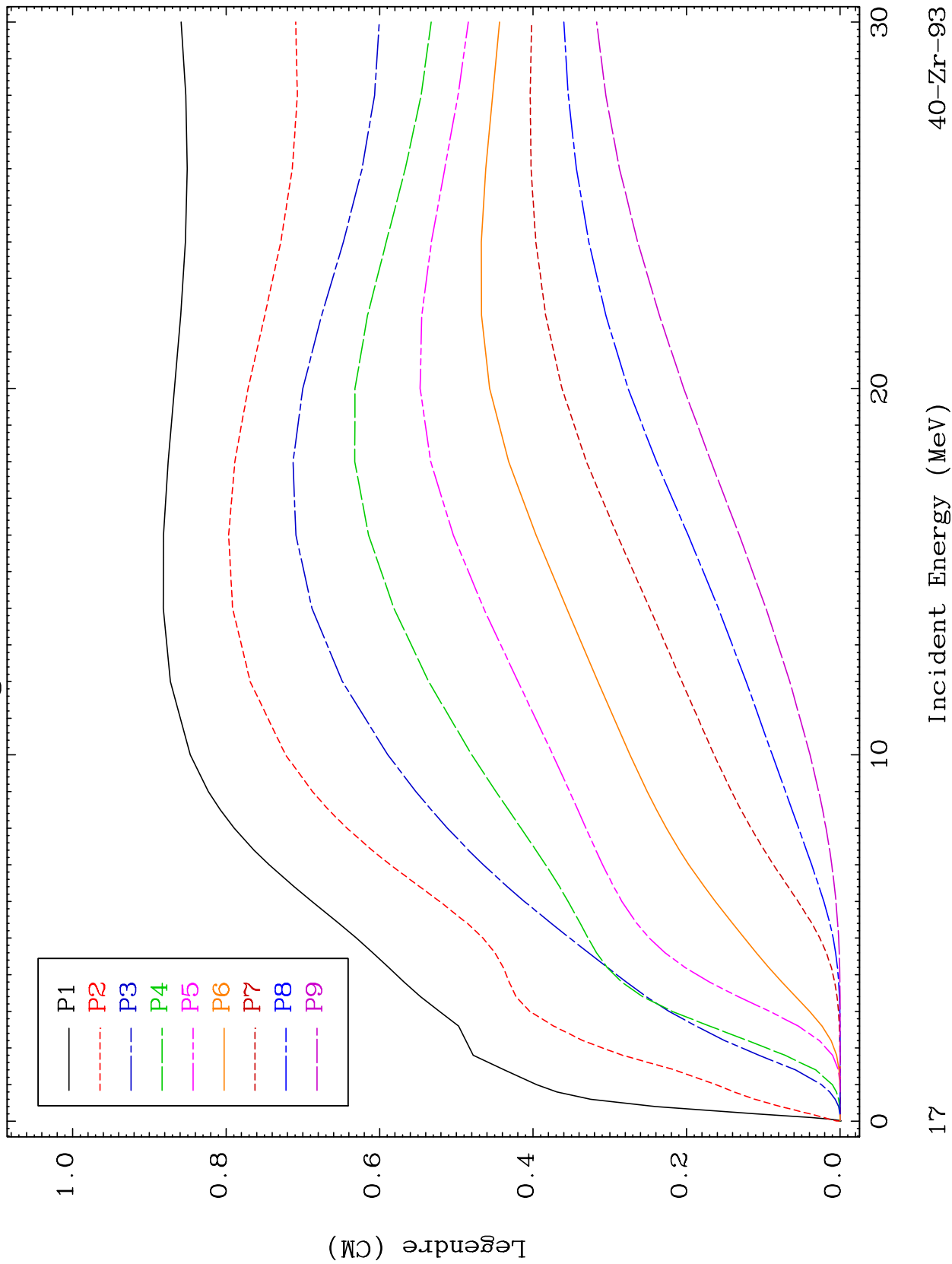
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MAT 4034

Elastic Legendre Coefficients

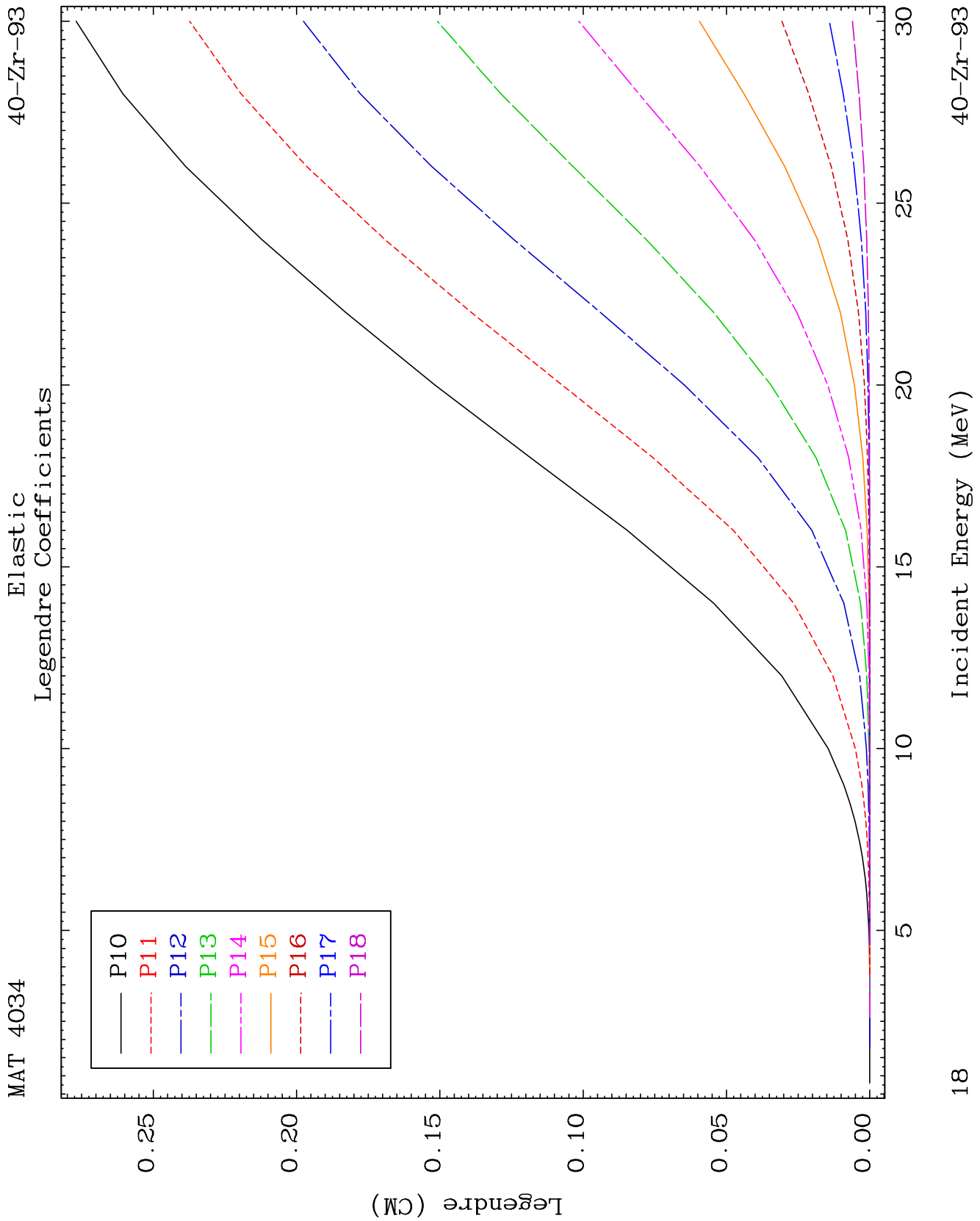
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17

Incident Energy (MeV)

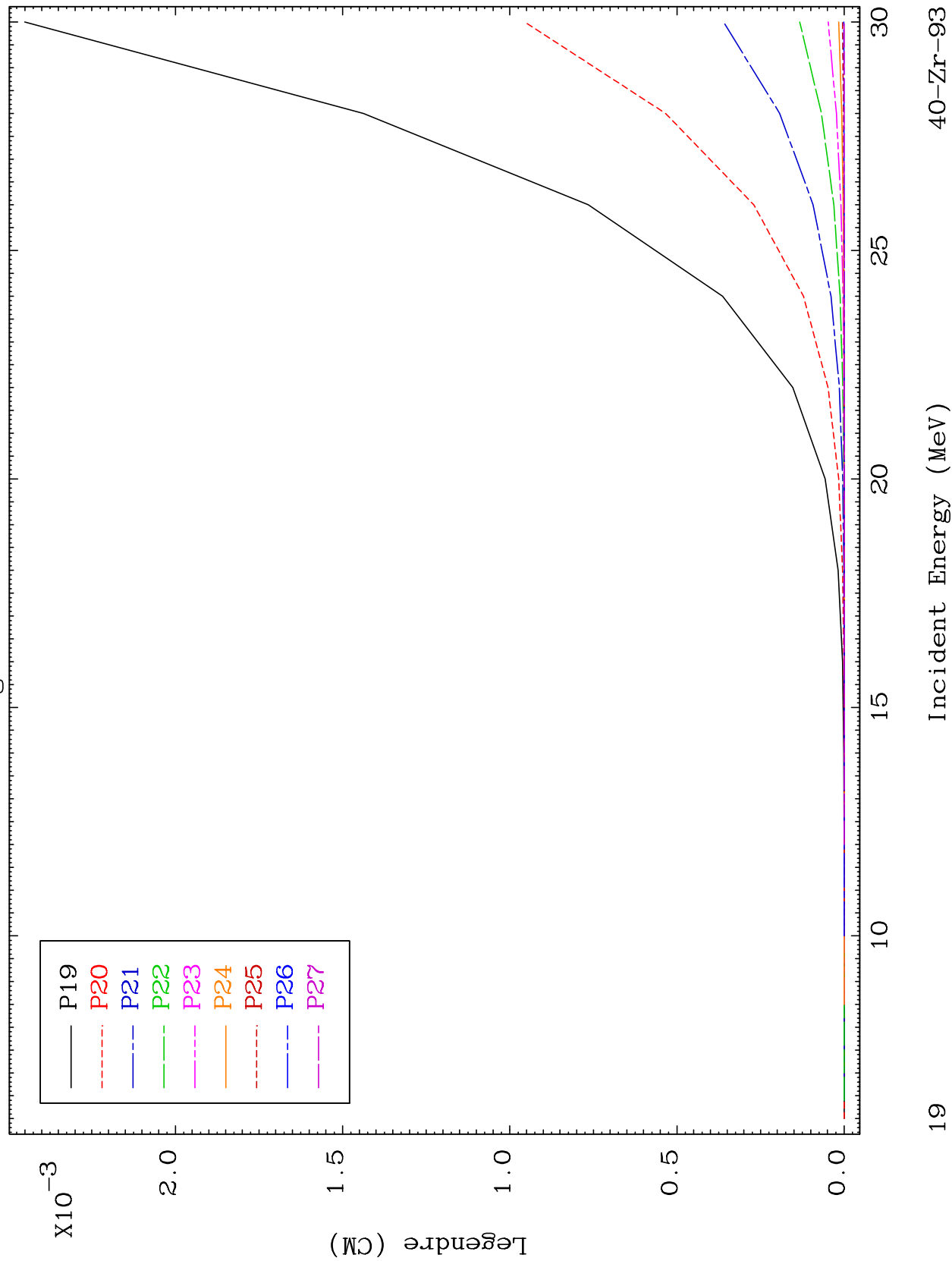
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MAT 4034

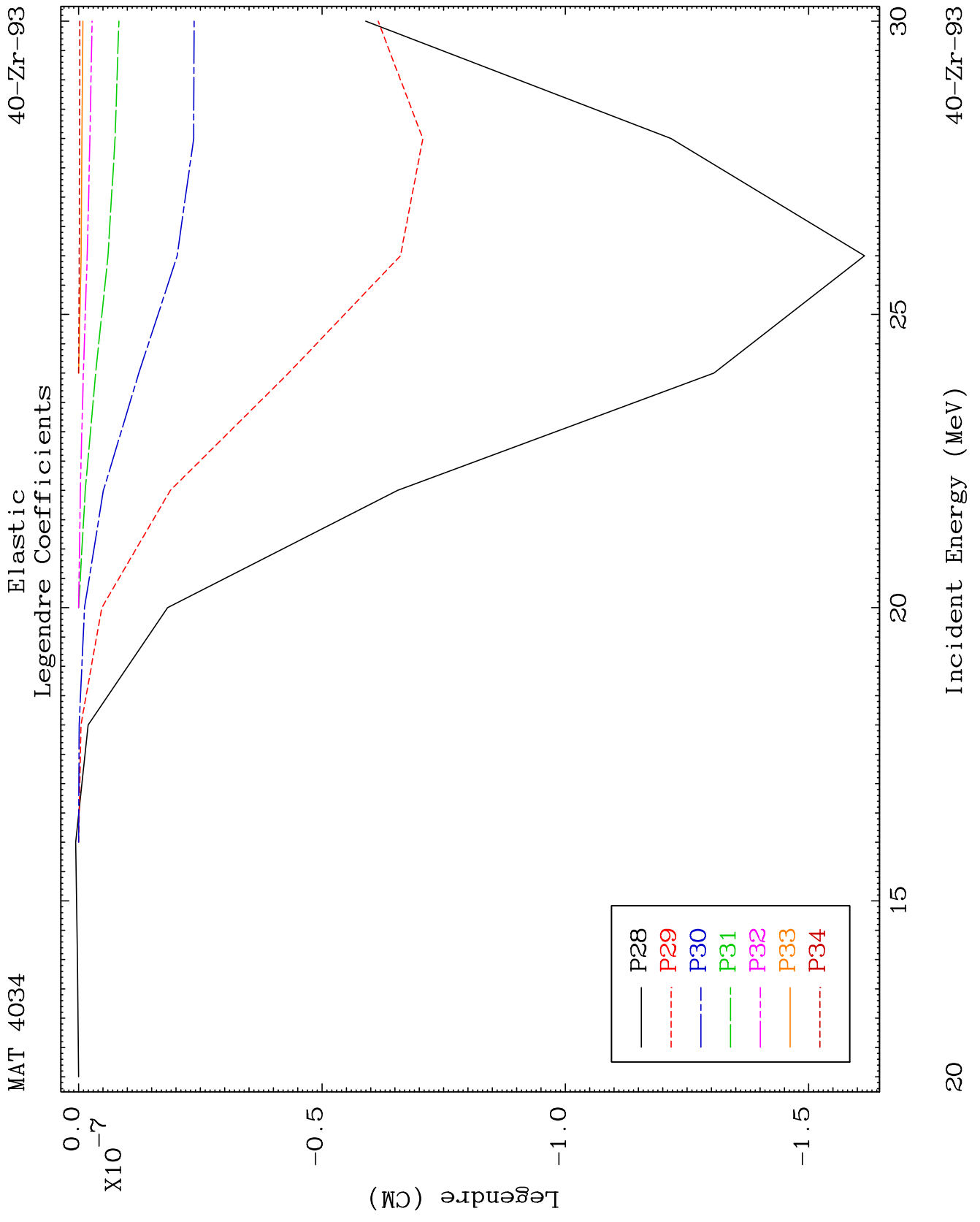
Elastic
Legendre Coefficients

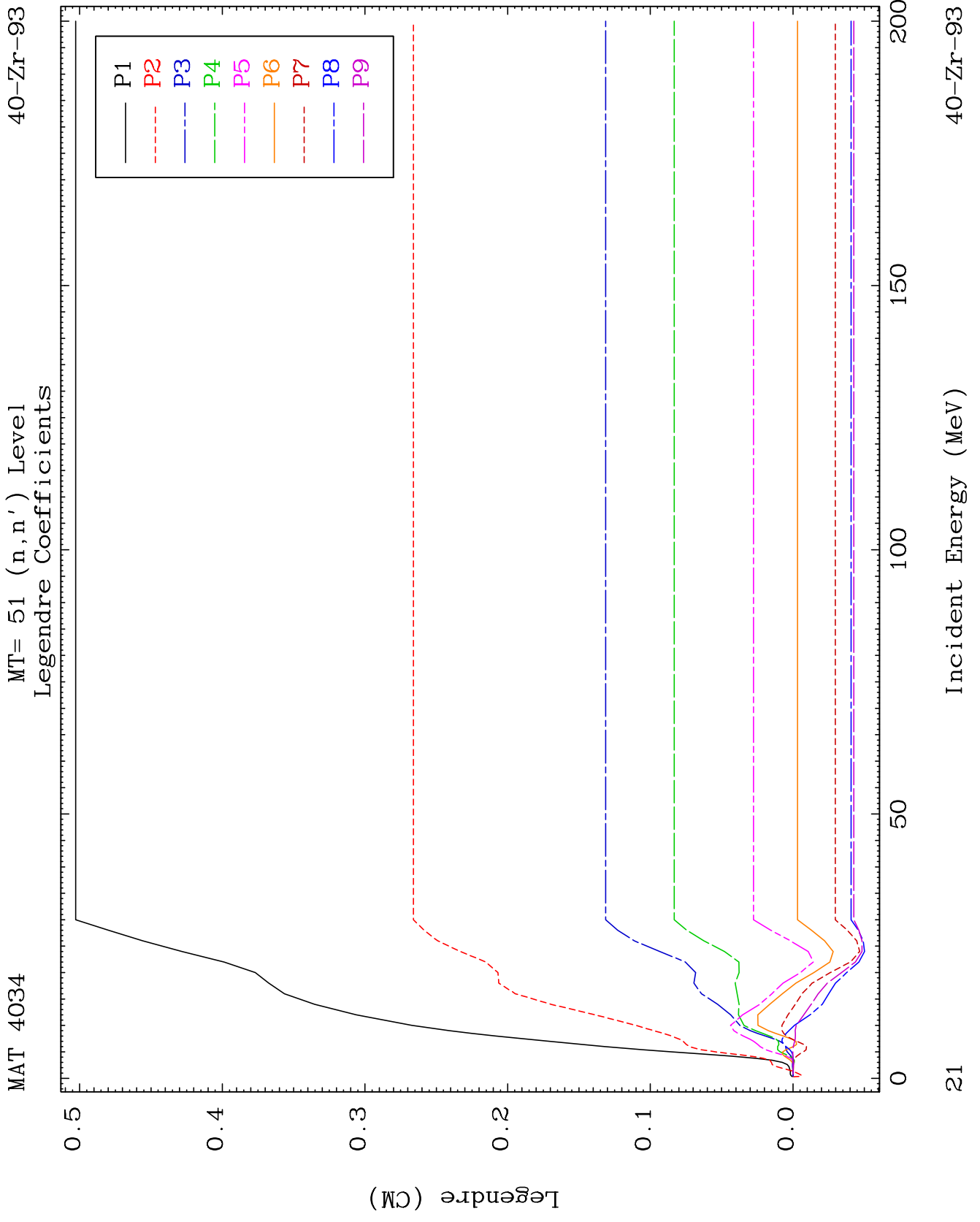
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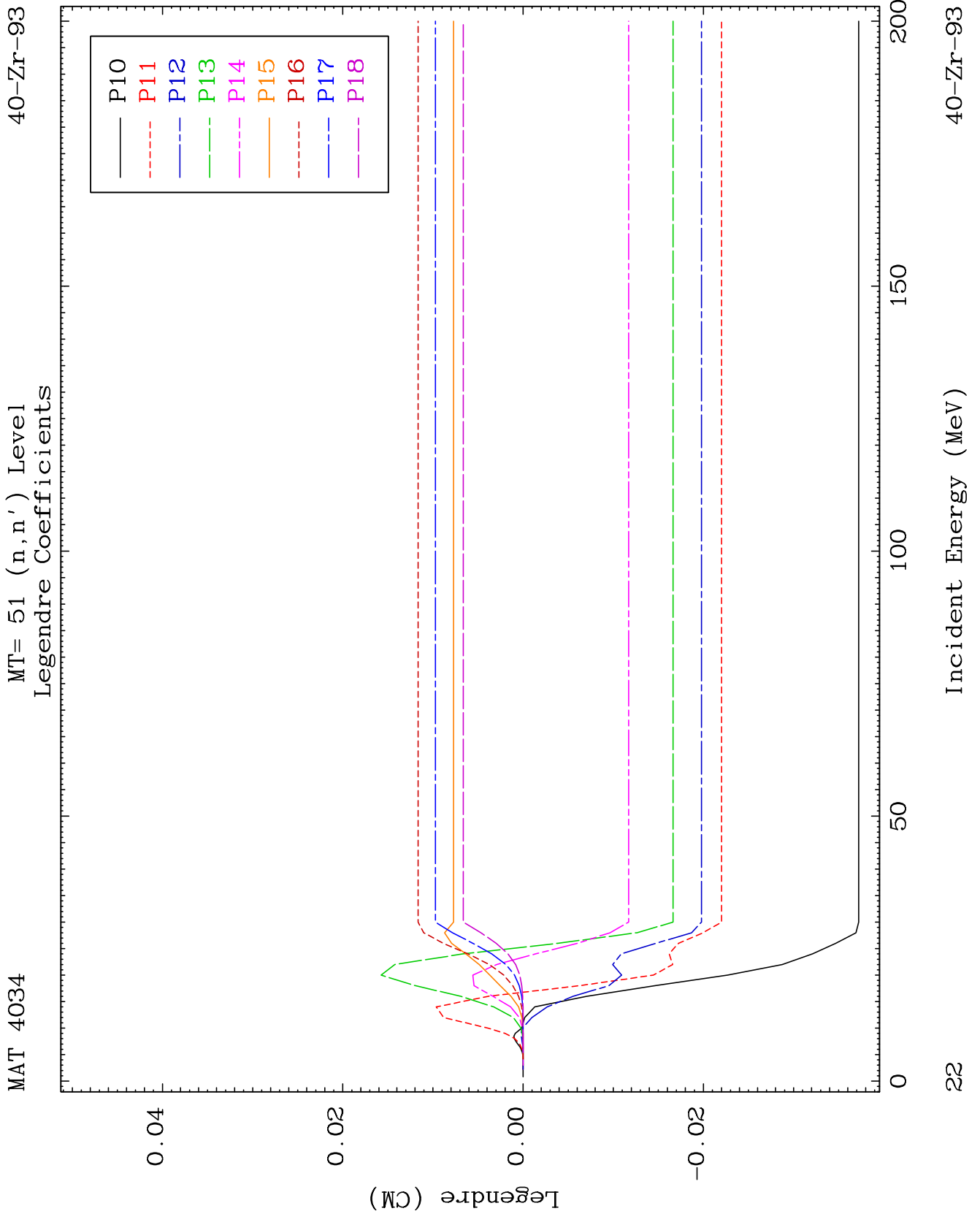


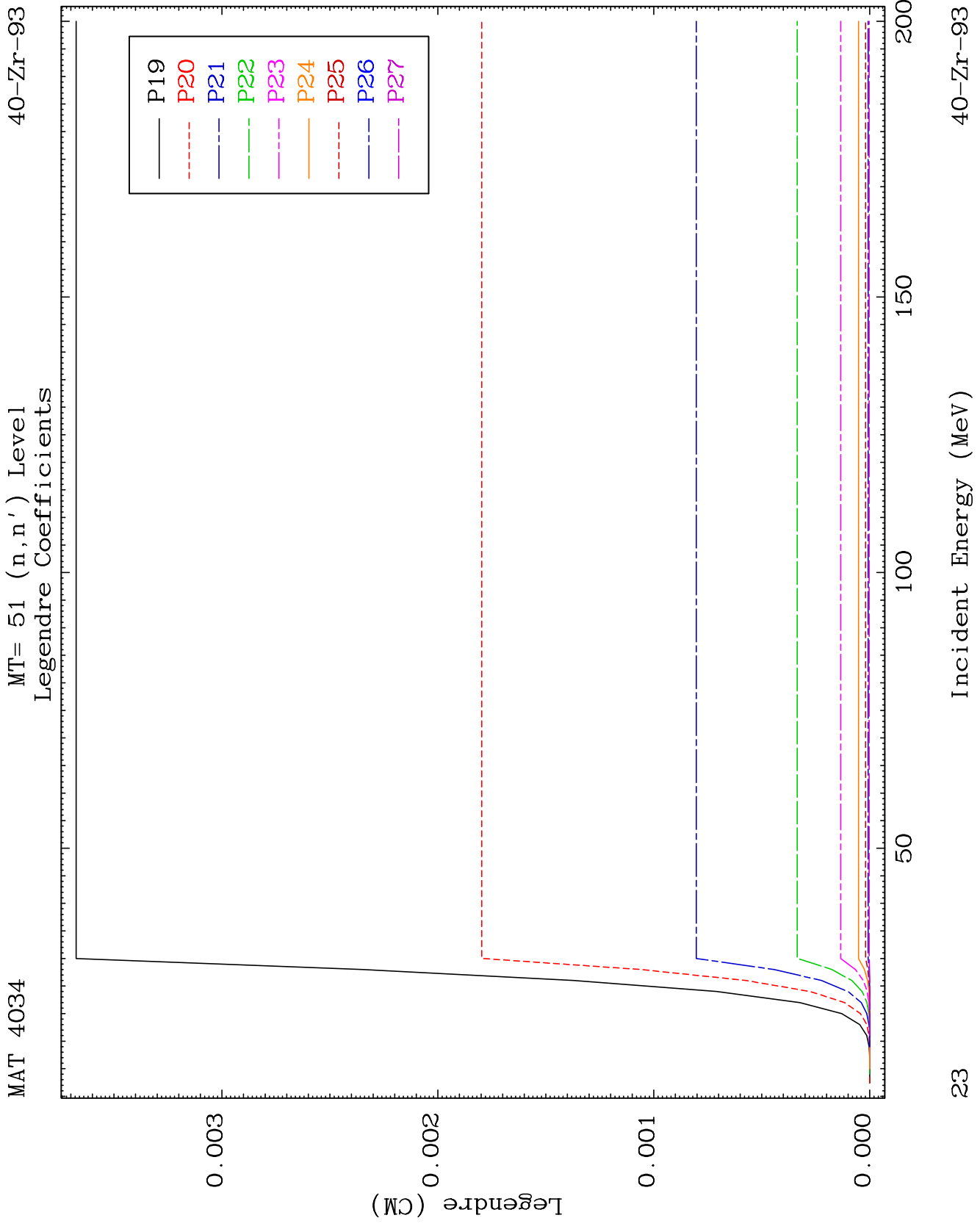
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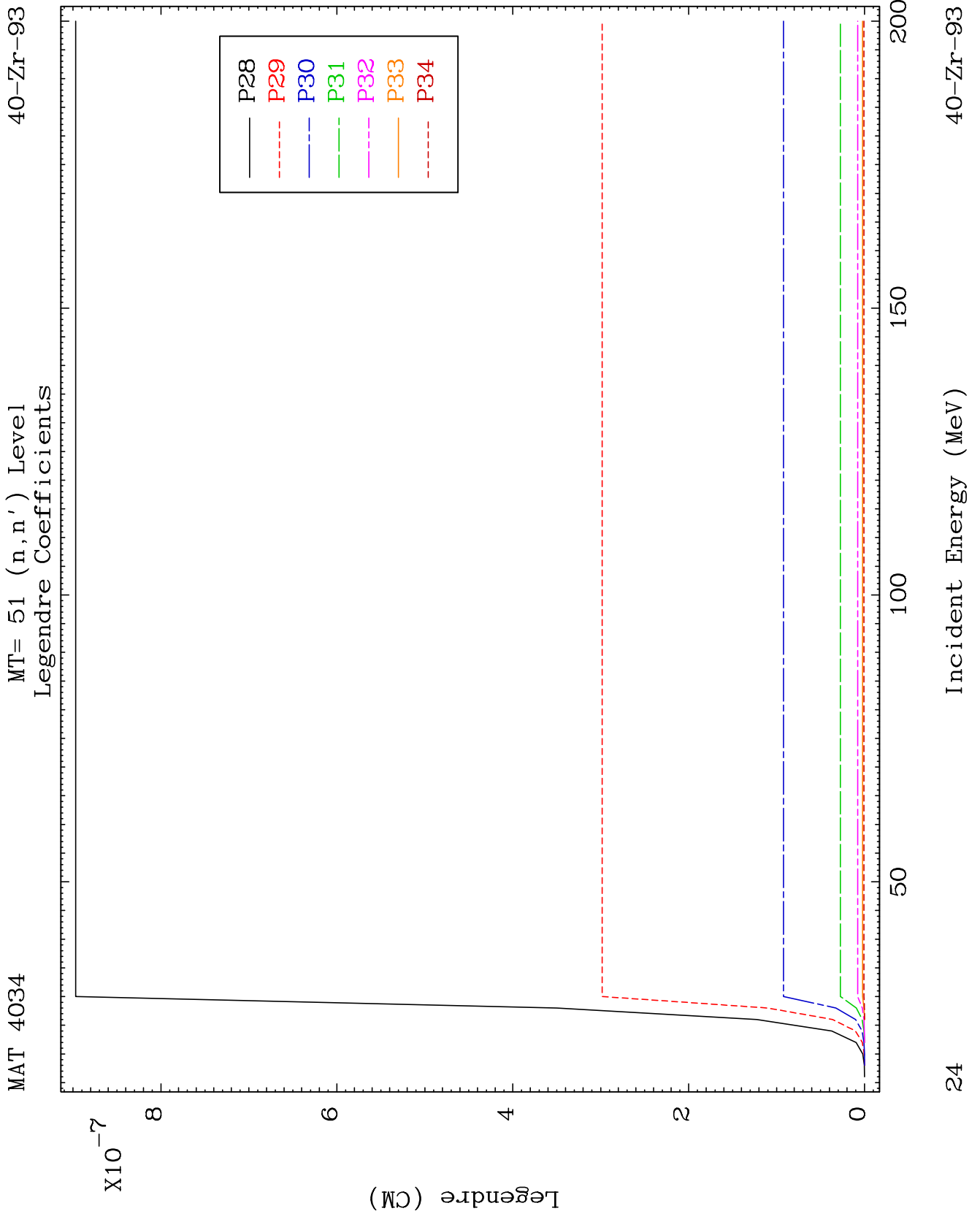
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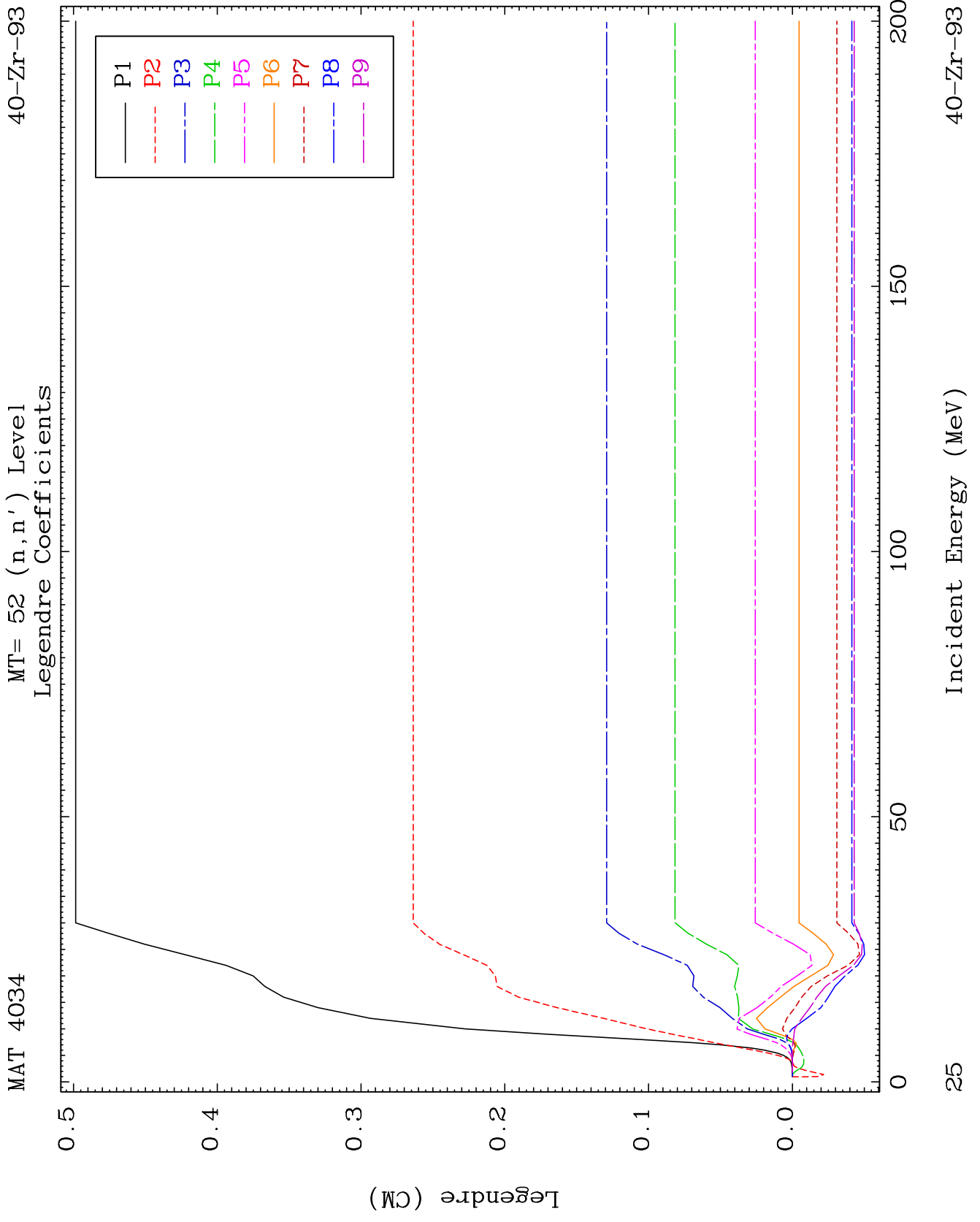








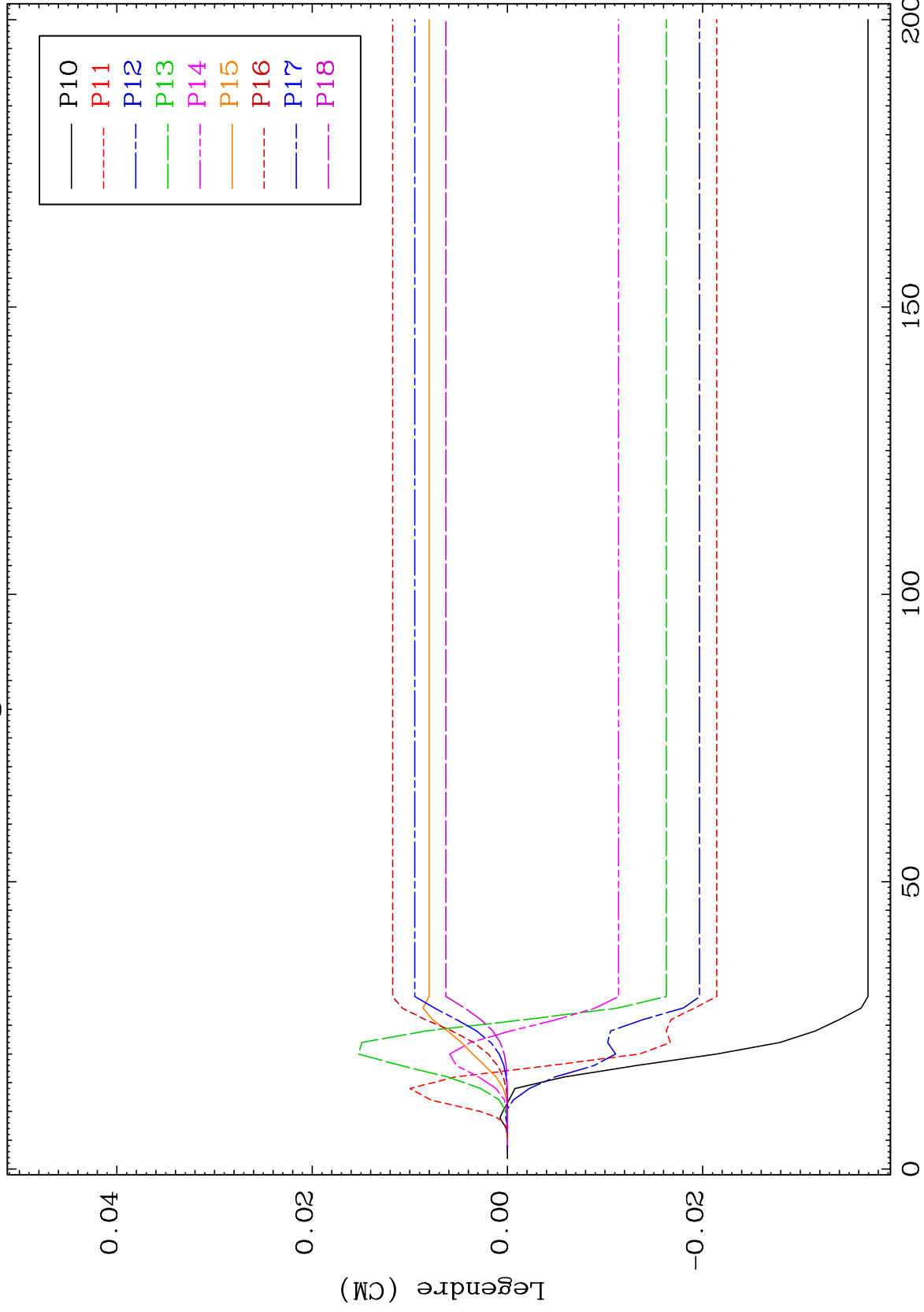




MAT 4034

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

40-Zr-93



26

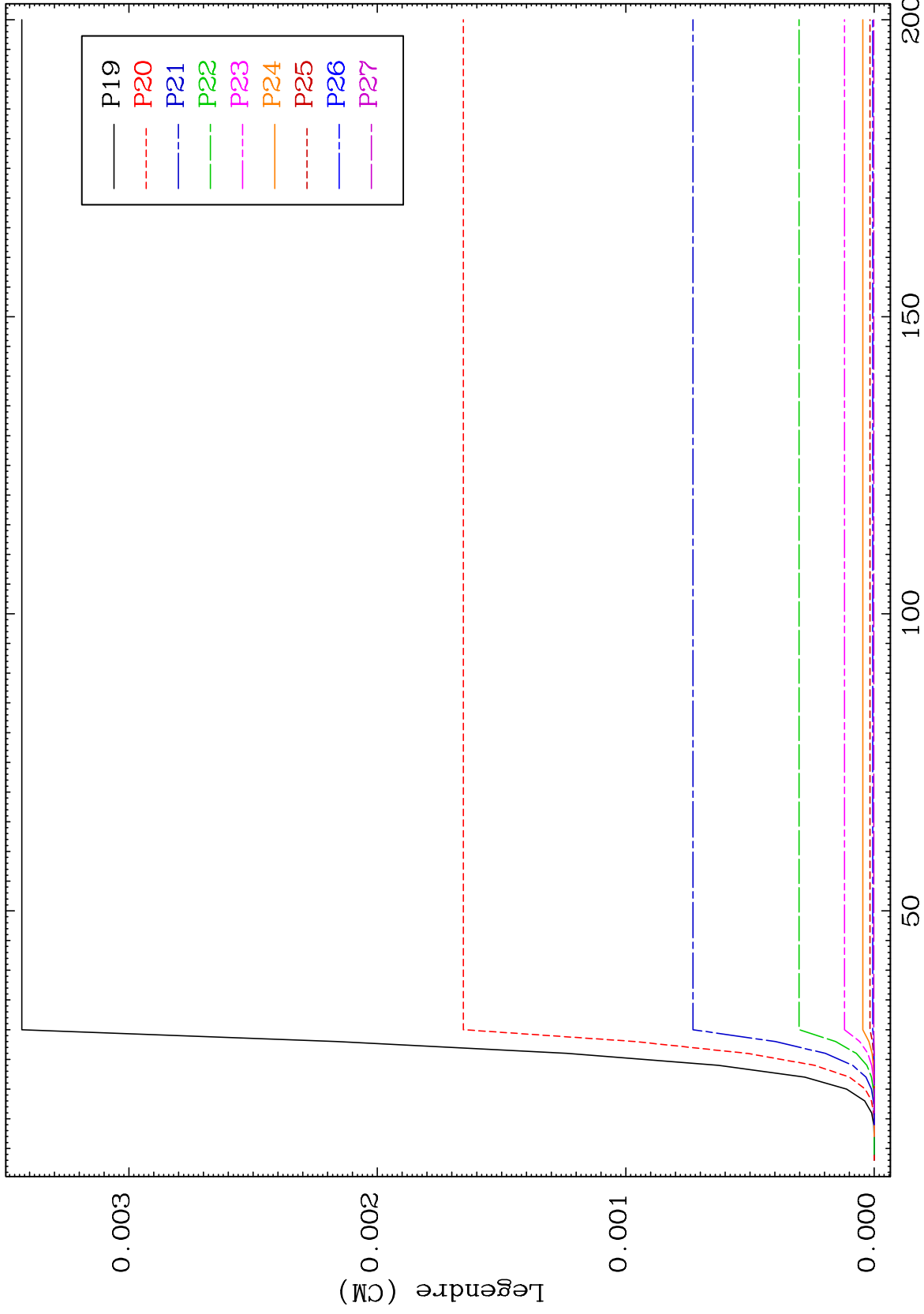
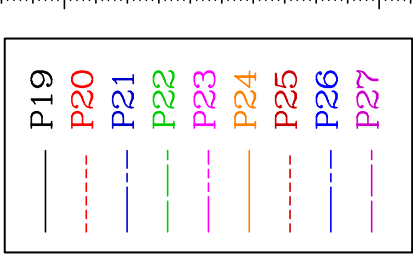
Incident Energy (MeV)

40-Zr-93

MAT 4034

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

40-Zr-93



27

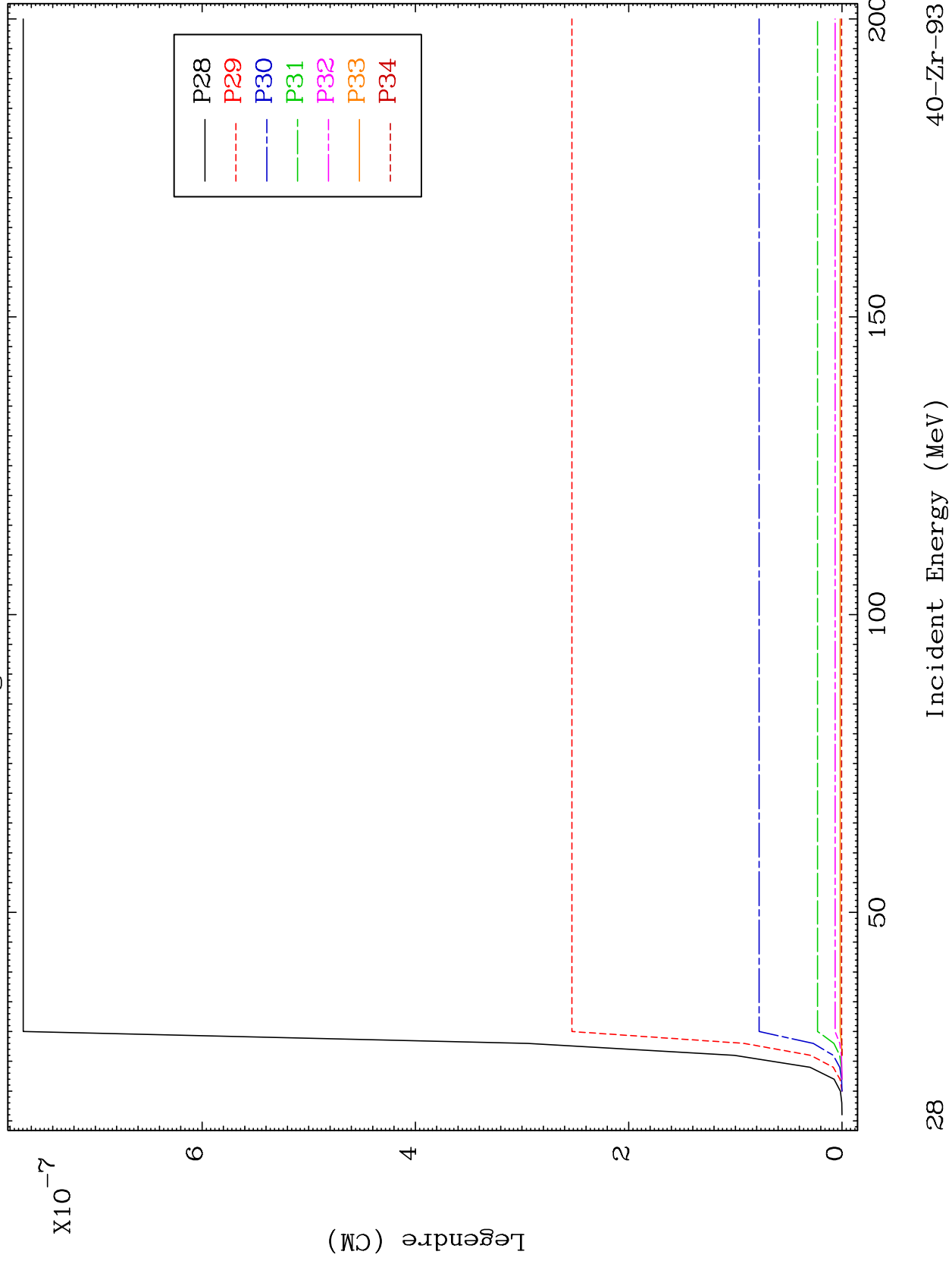
Incident Energy (MeV)

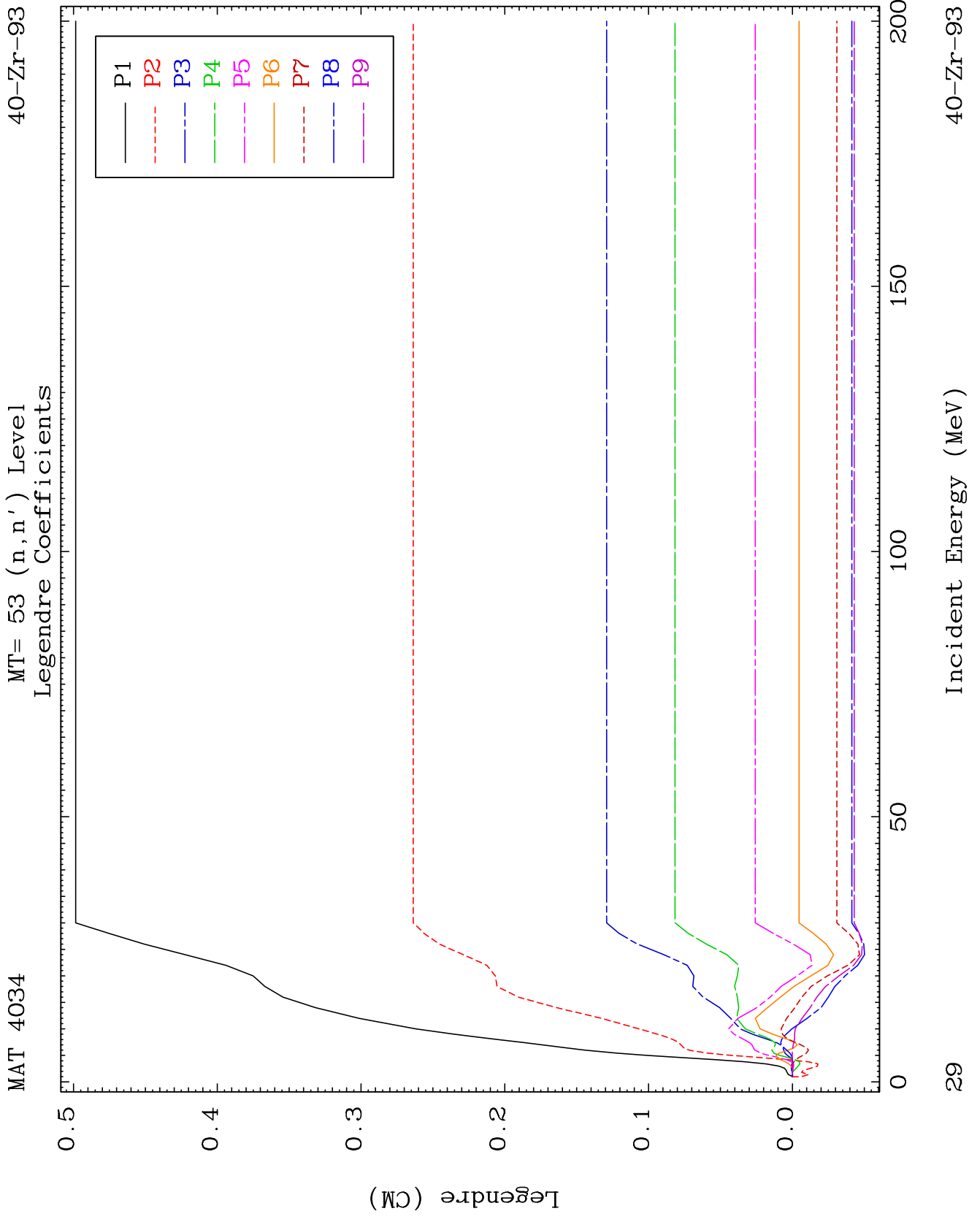
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MAT 4034

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

40-Zr-93

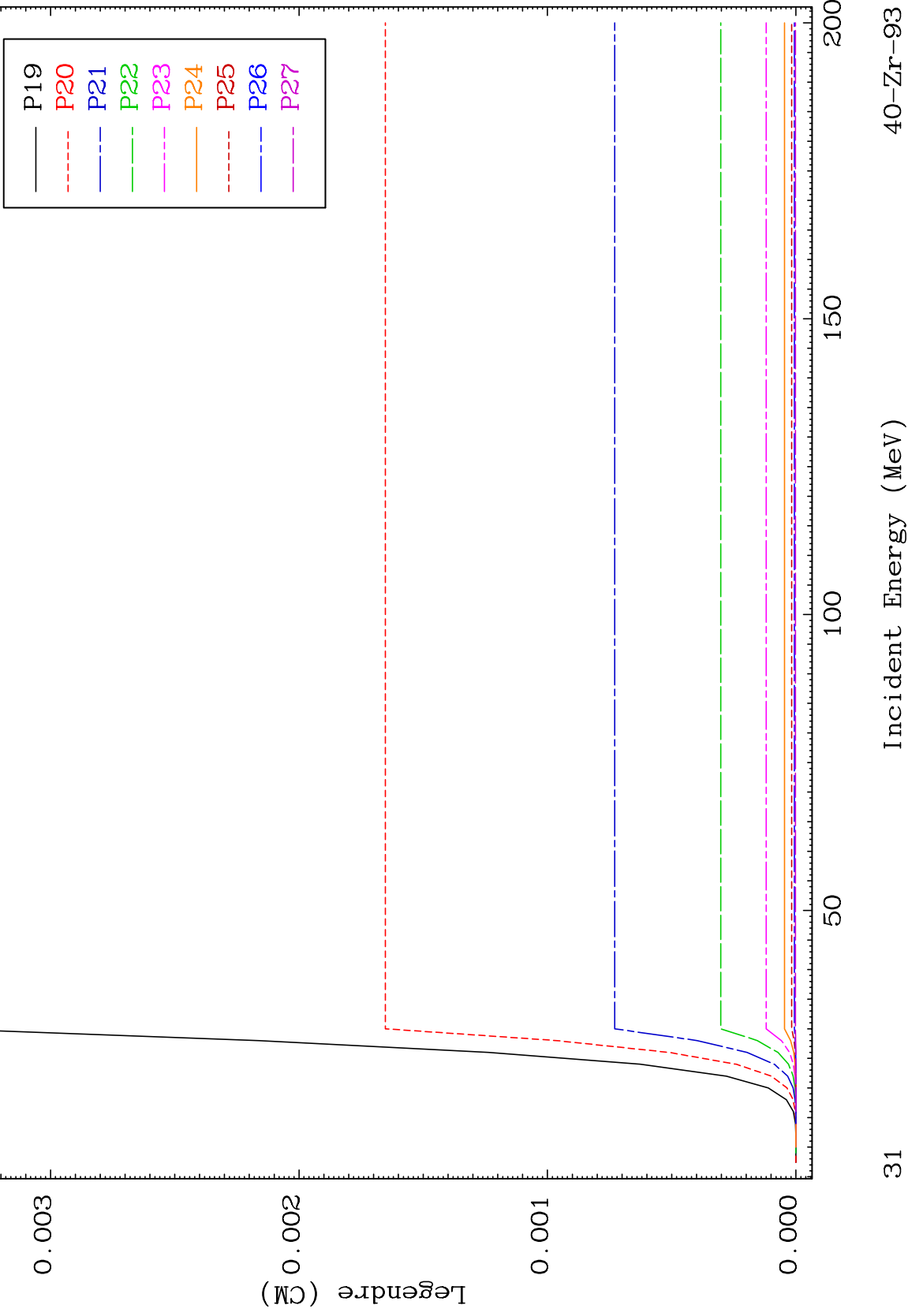




MAT 4034

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

40-Zr-93



31

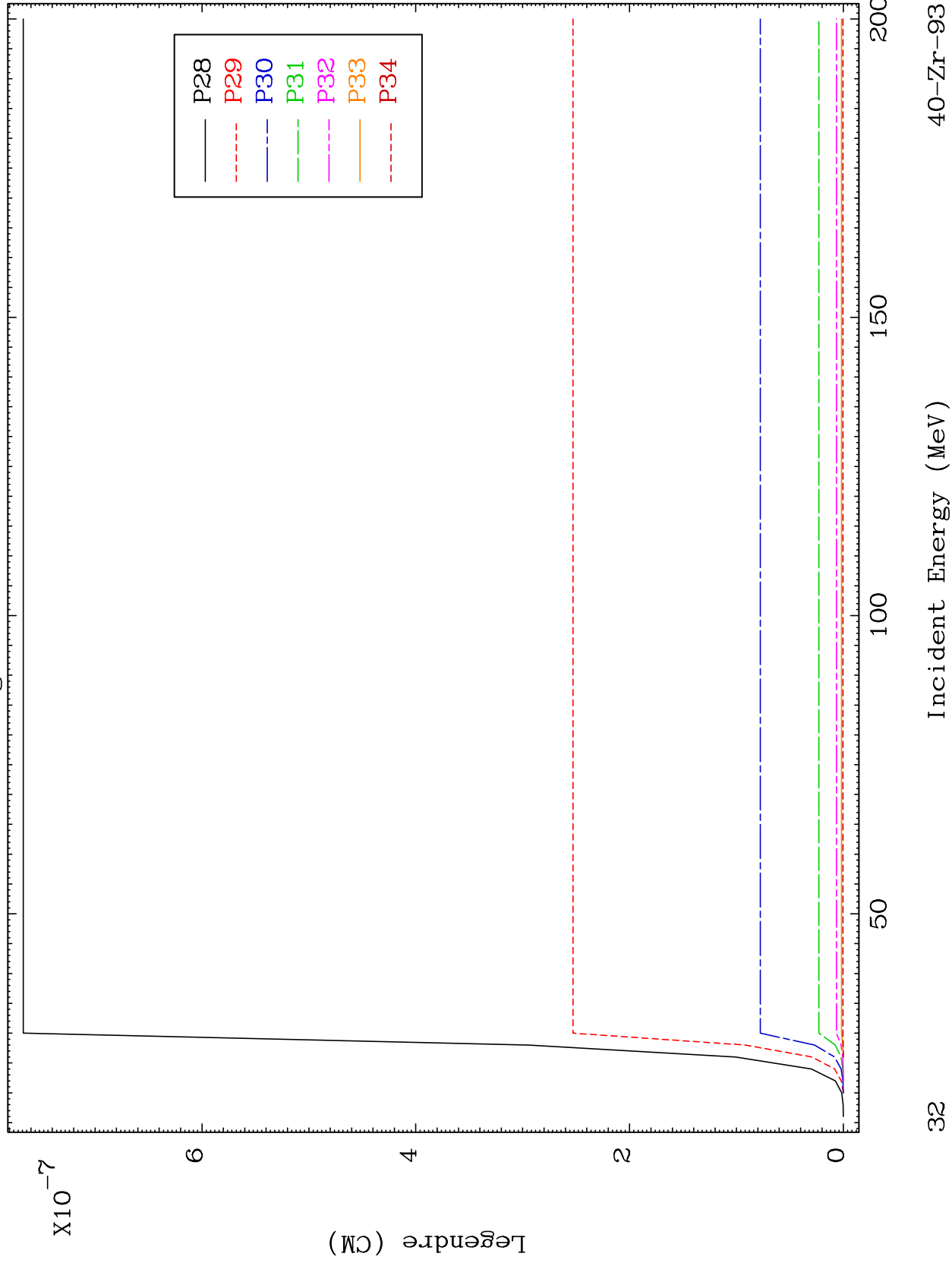
Incident Energy (MeV)

40-Zr-93

MAT 4034

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

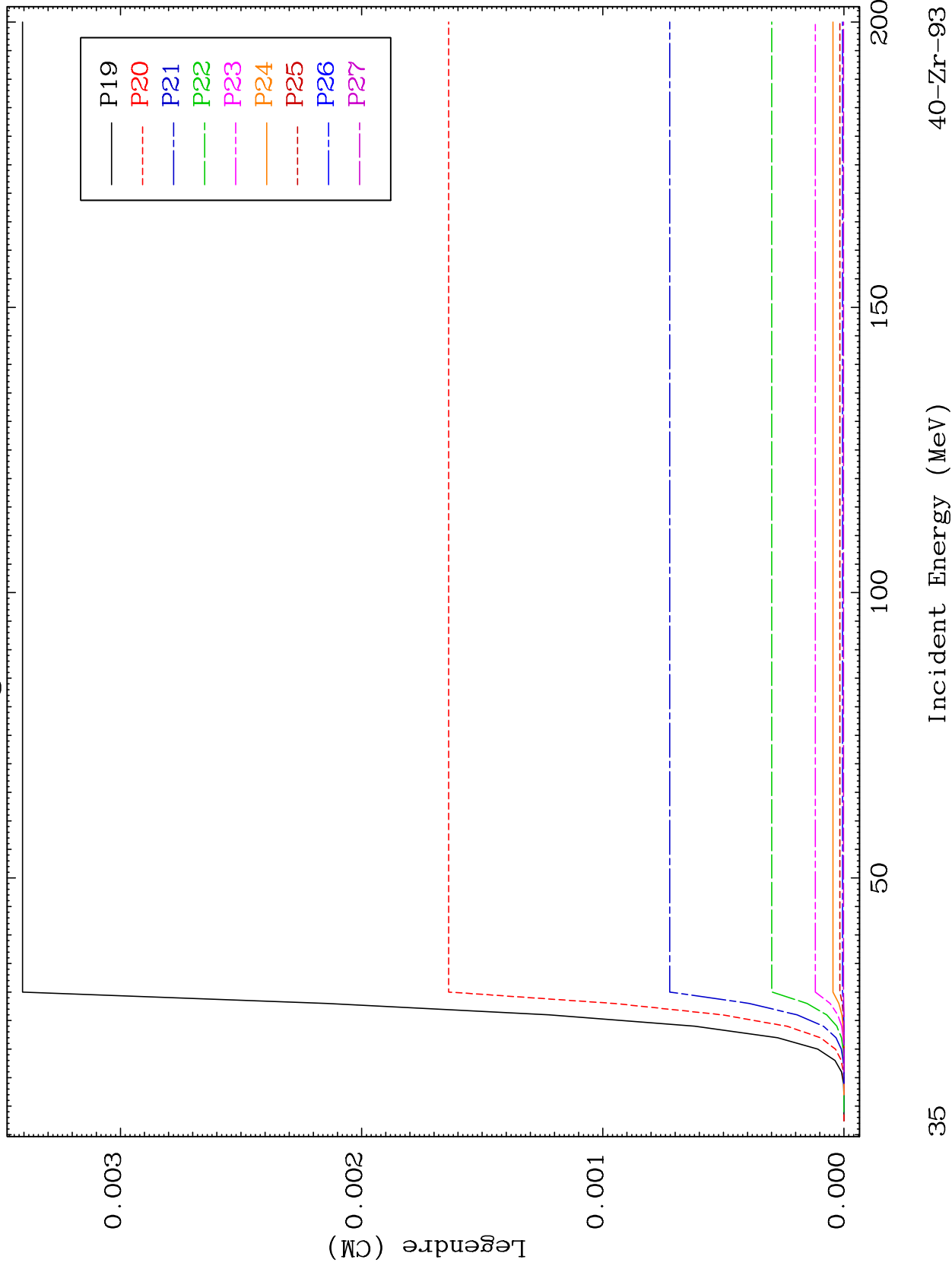
40-Zr-93



MAT 4034

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

40-Zr-93



35

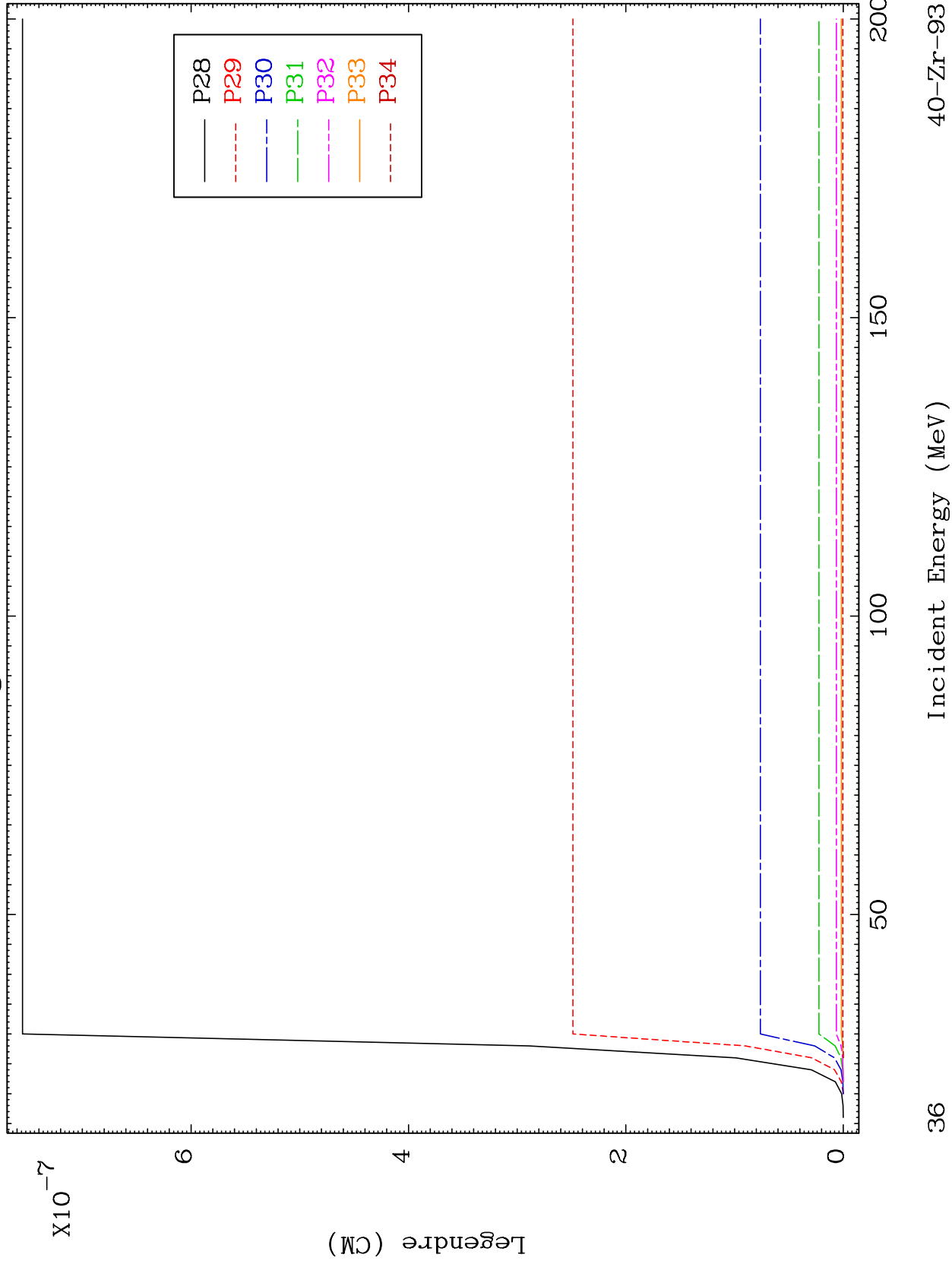
Incident Energy (MeV)

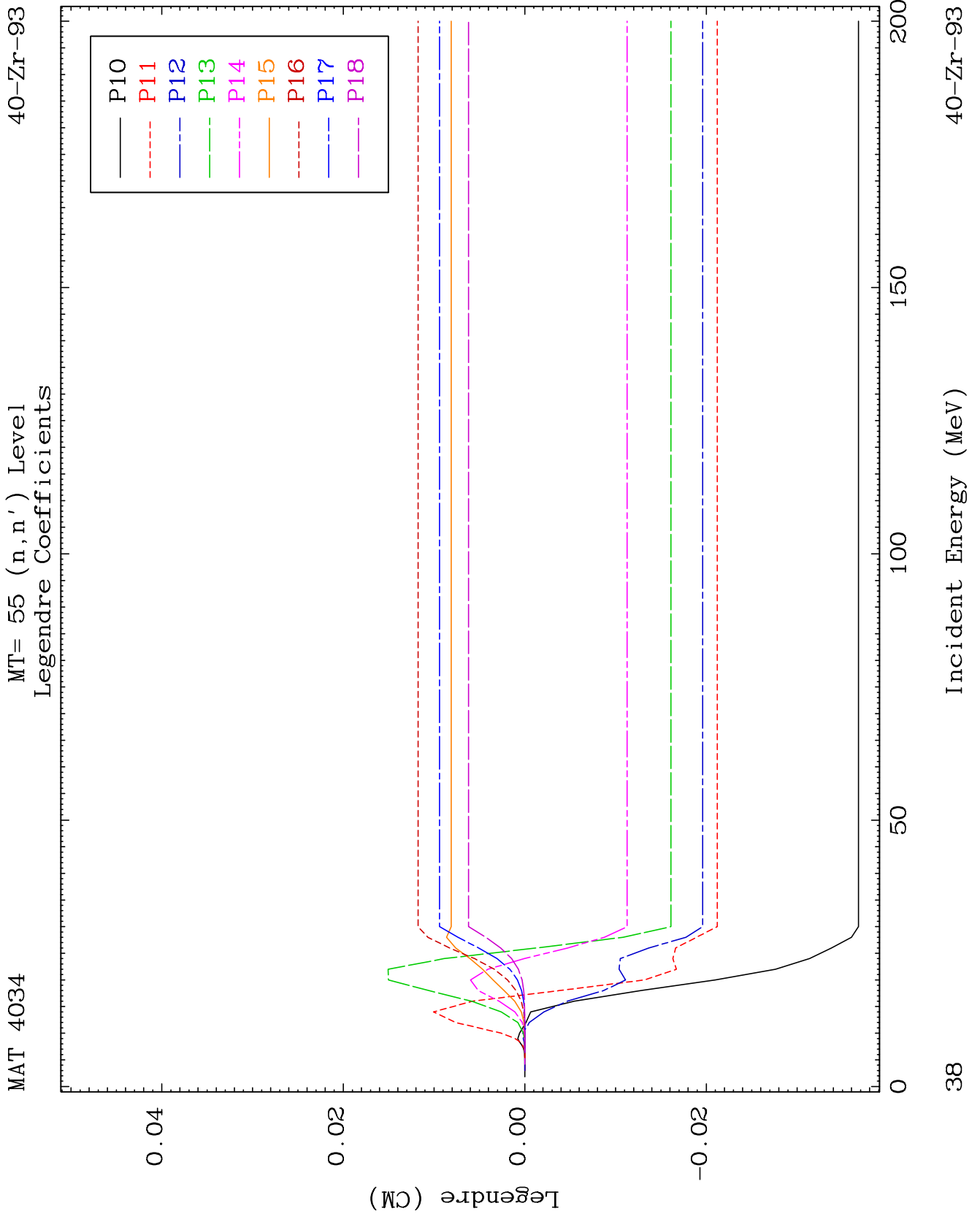
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MAT 4034

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

40-Zr-93

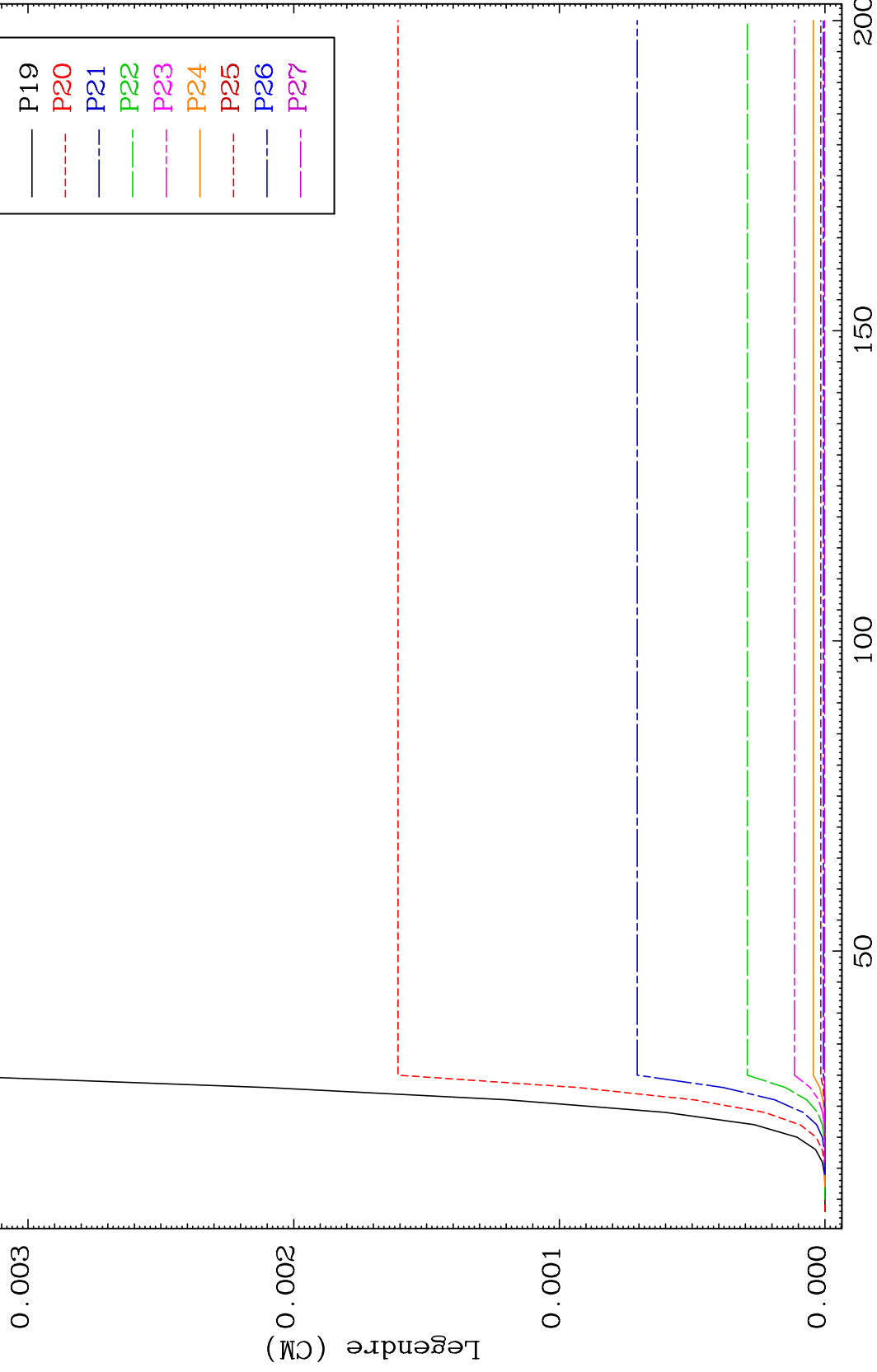




MAT 4034

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

40-Zr-93



39

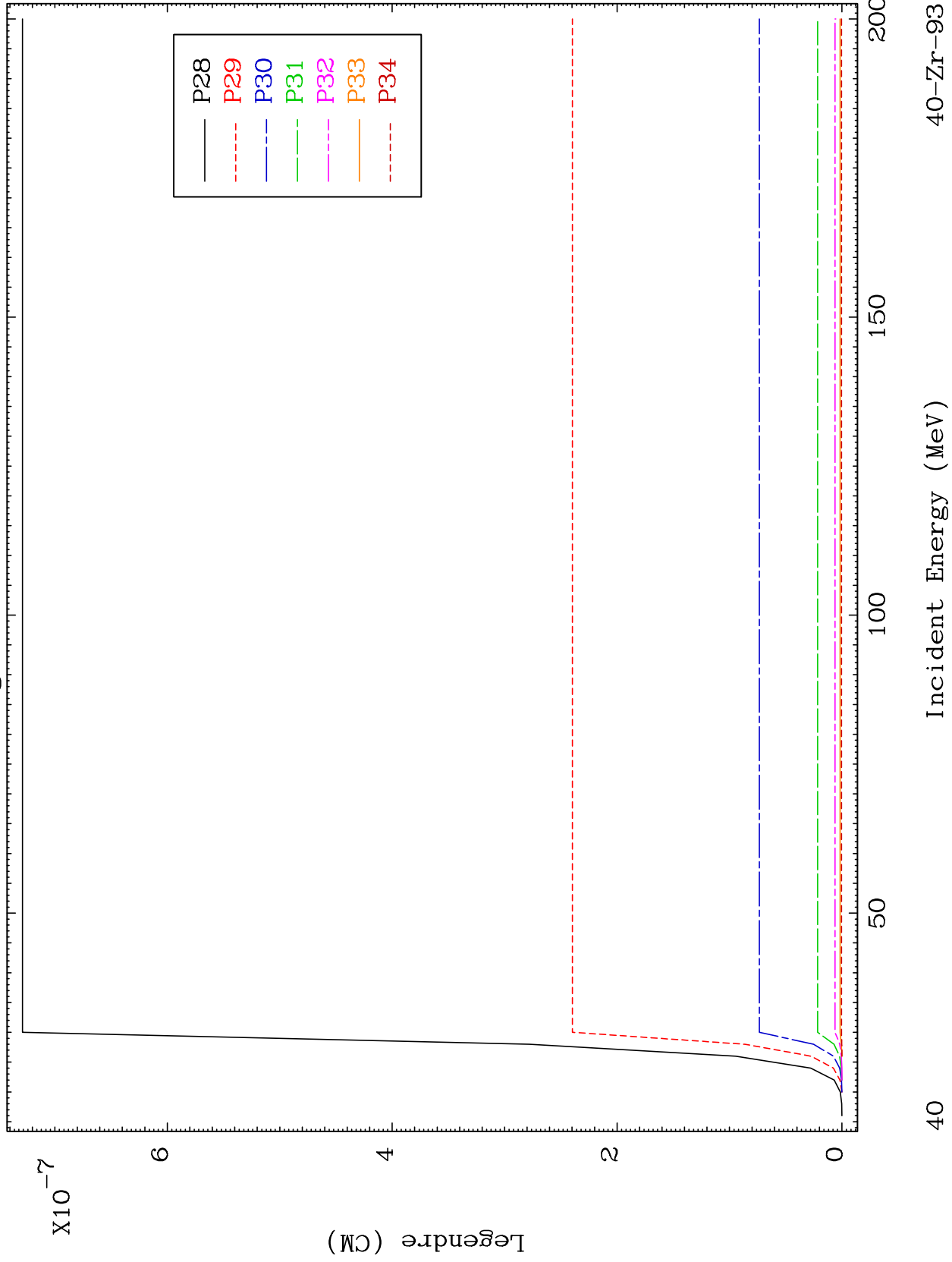
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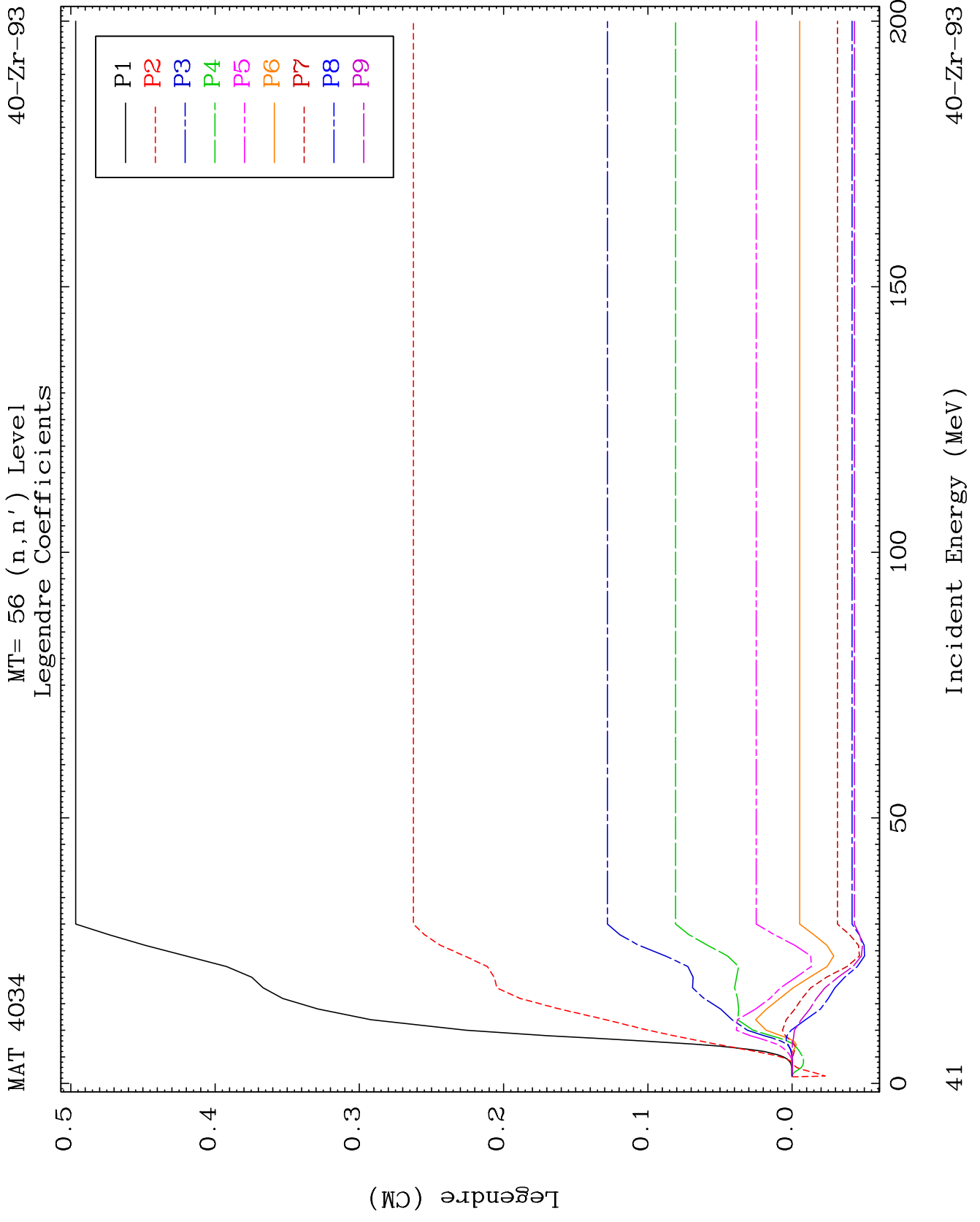
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MAT 4034

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

40-Zr-93

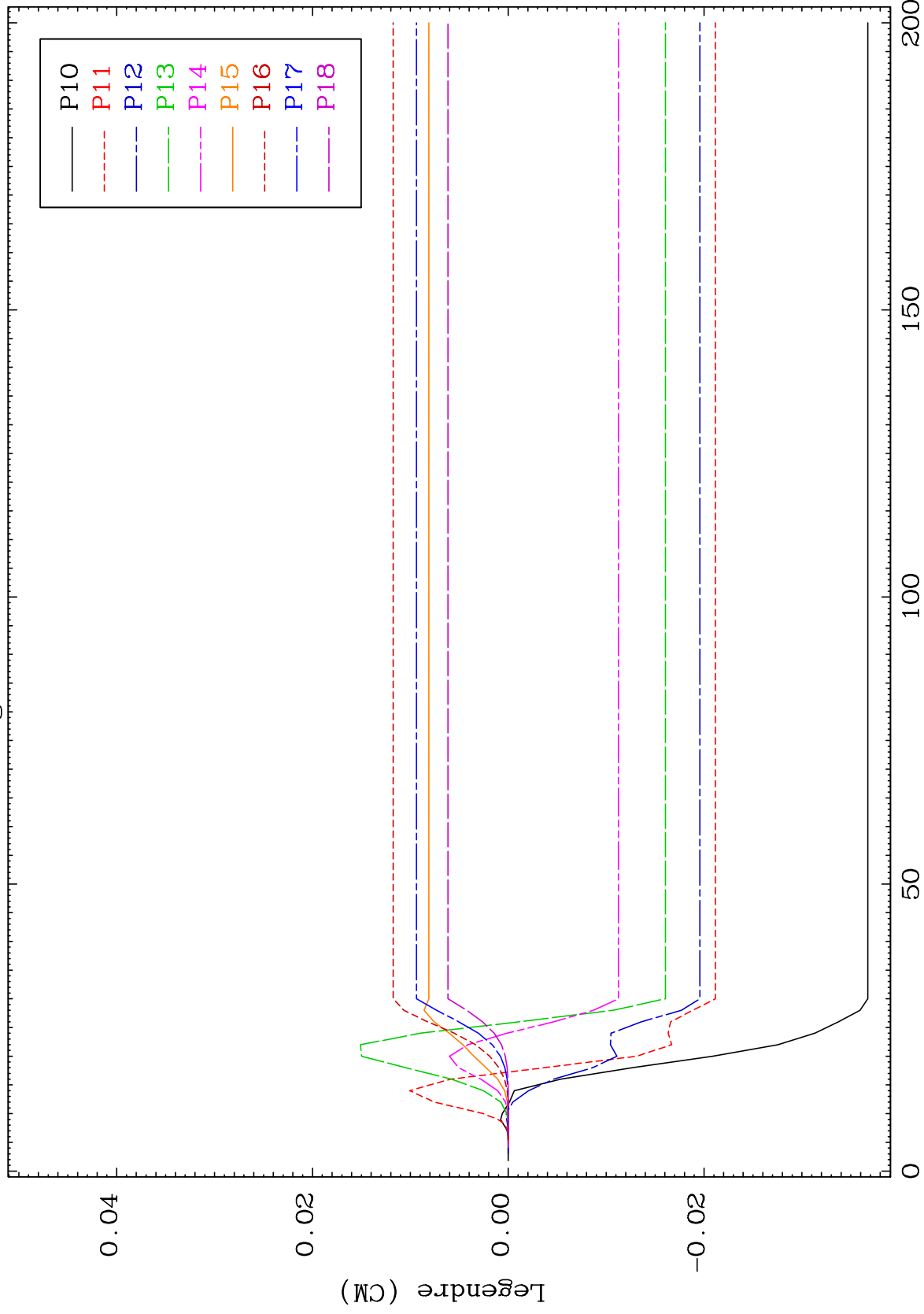




MAT 4034

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

40-Zr-93



42

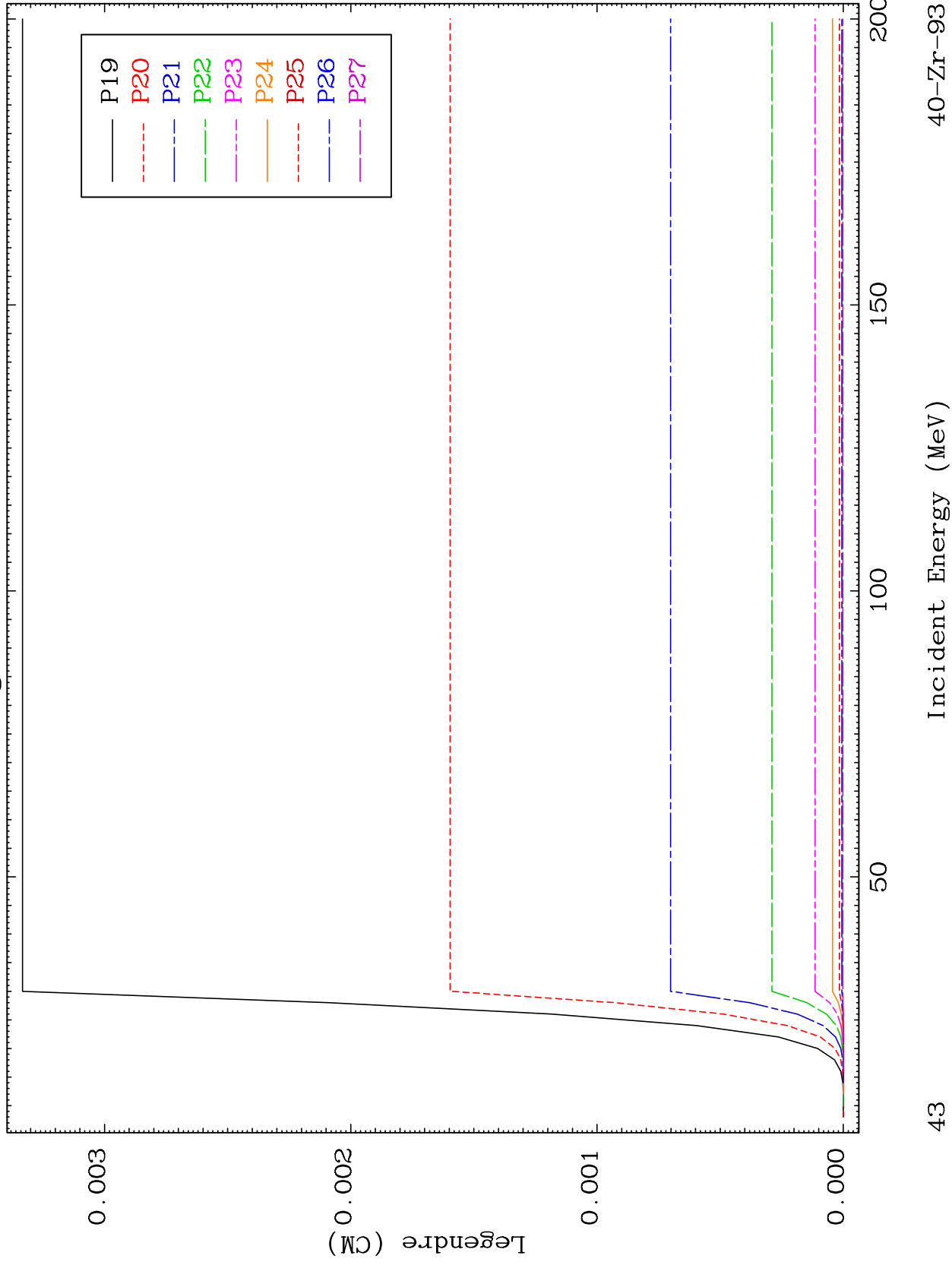
Incident Energy (MeV)

40-Zr-93

MAT 4034

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

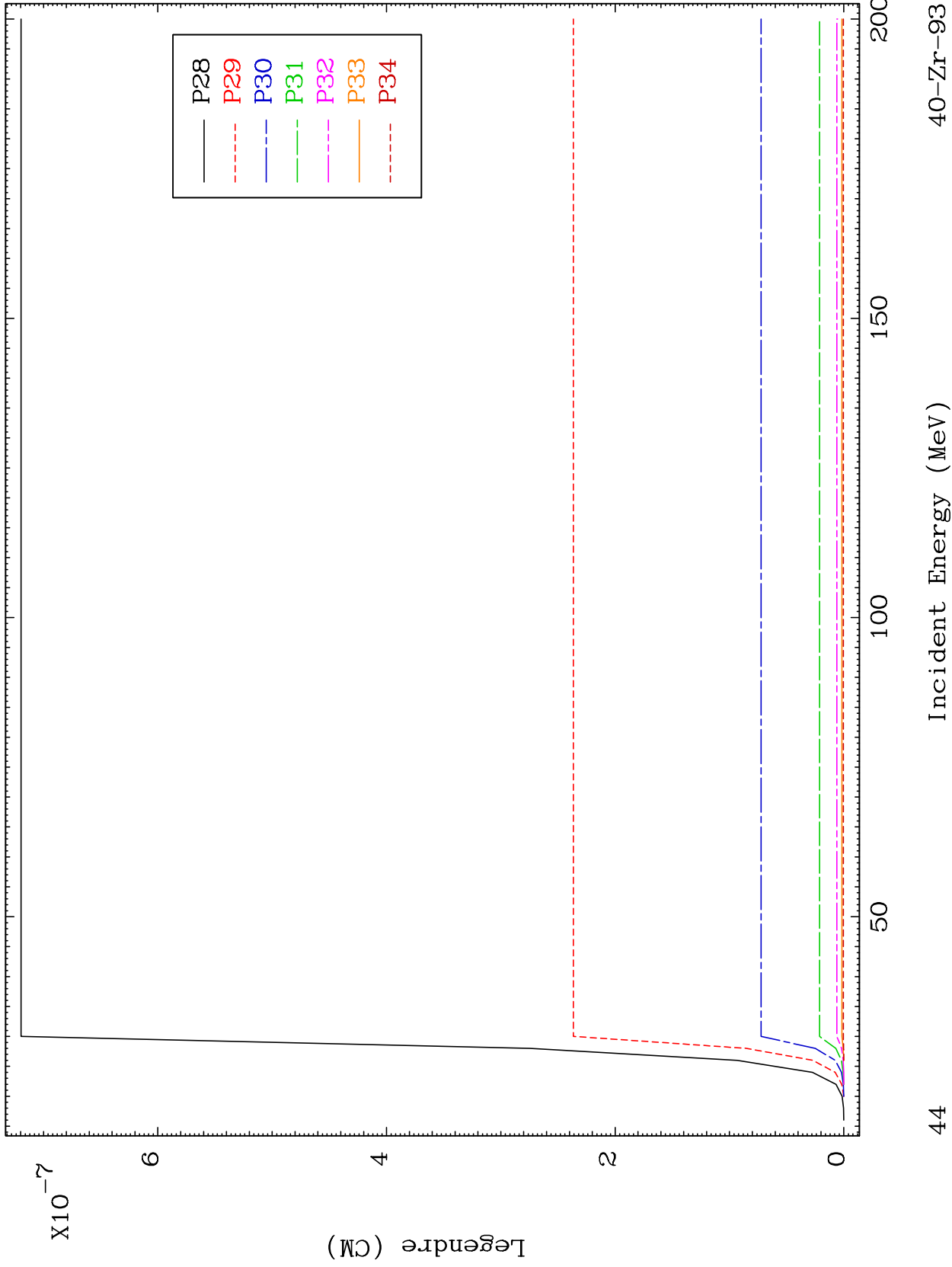
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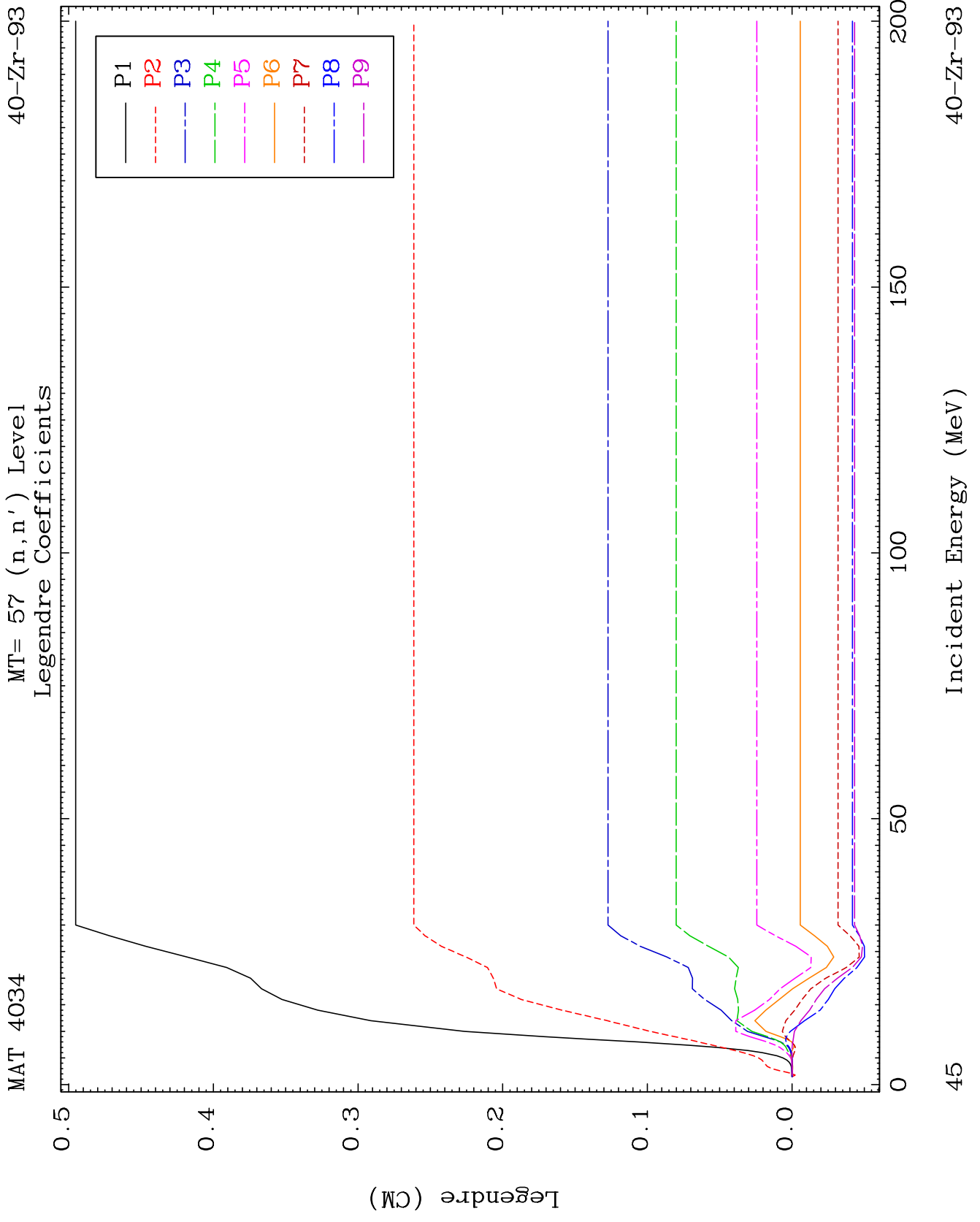


MAT 4034

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

40-Zr-93

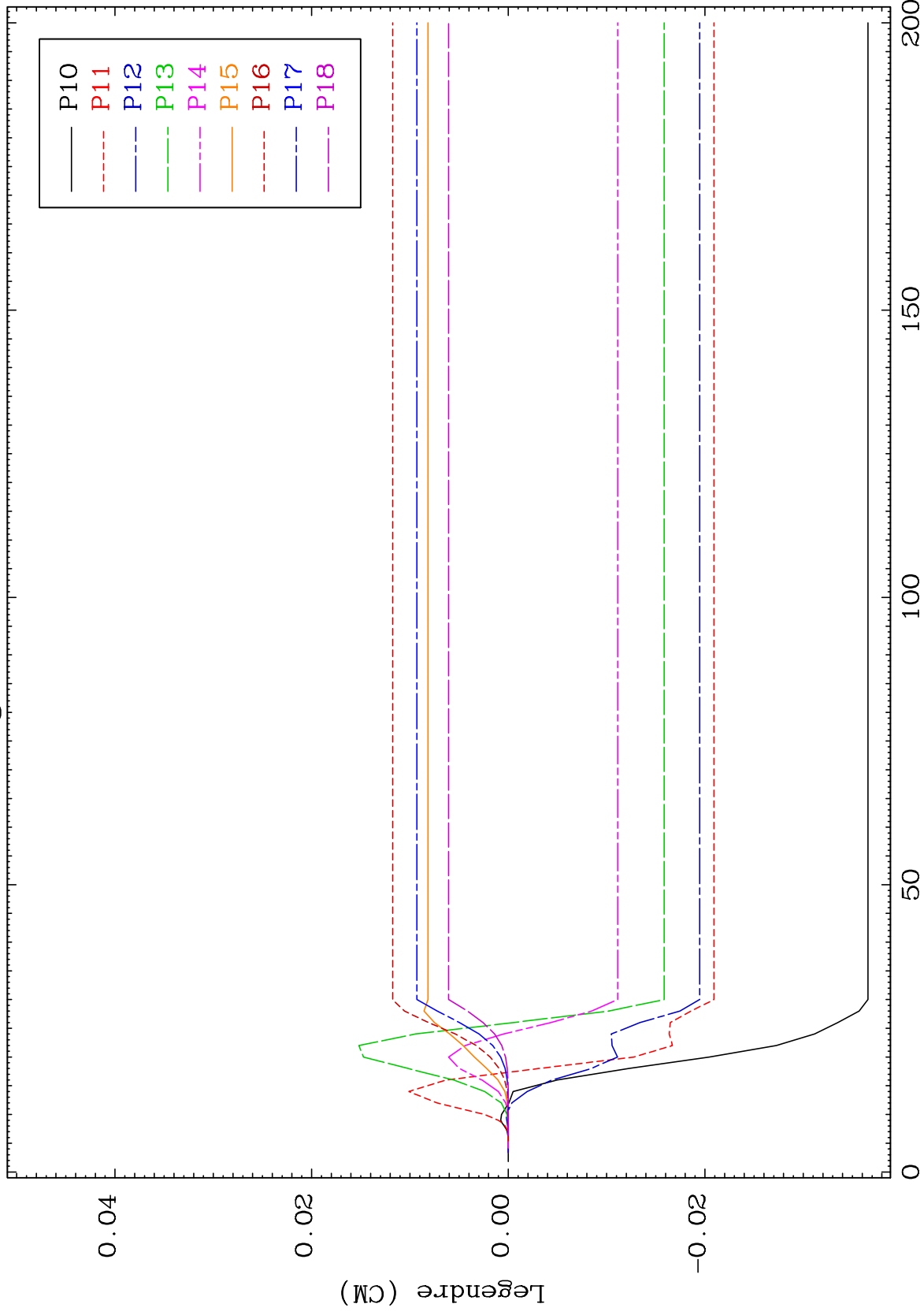




MAT 4034

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

40-Zr-93



46

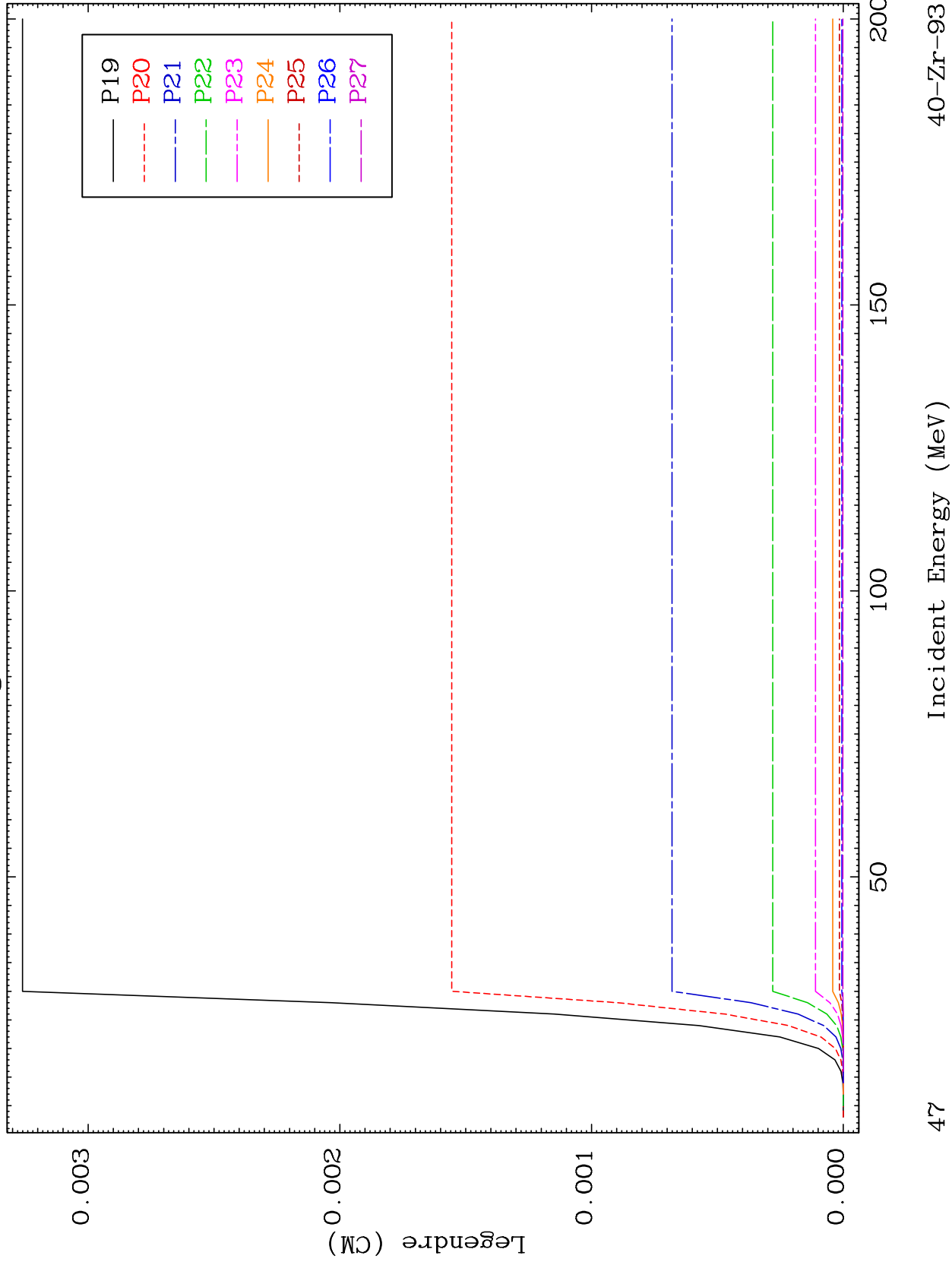
Incident Energy (MeV)

40-Zr-93

MAT 4034

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

40-Zr-93



47

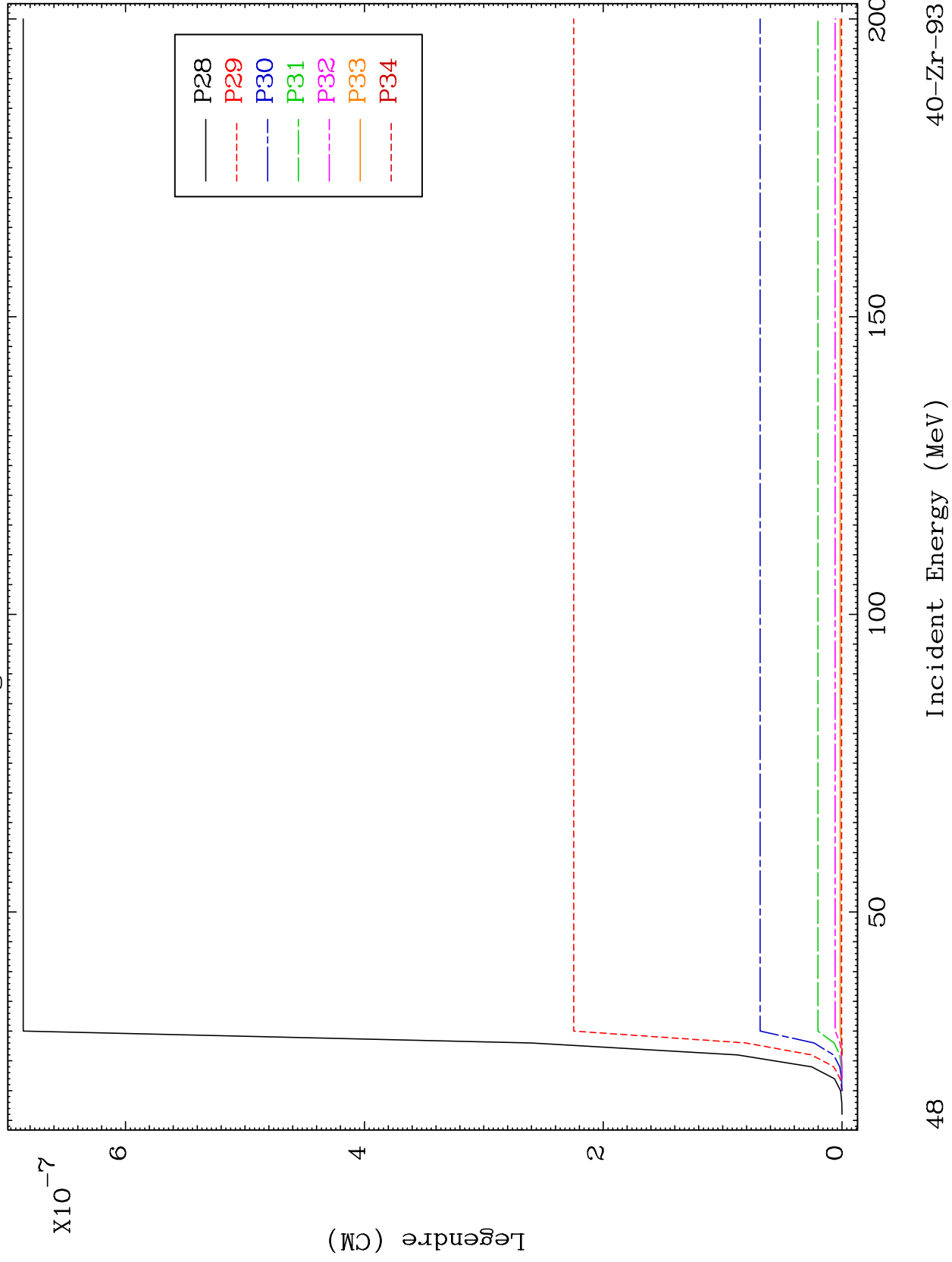
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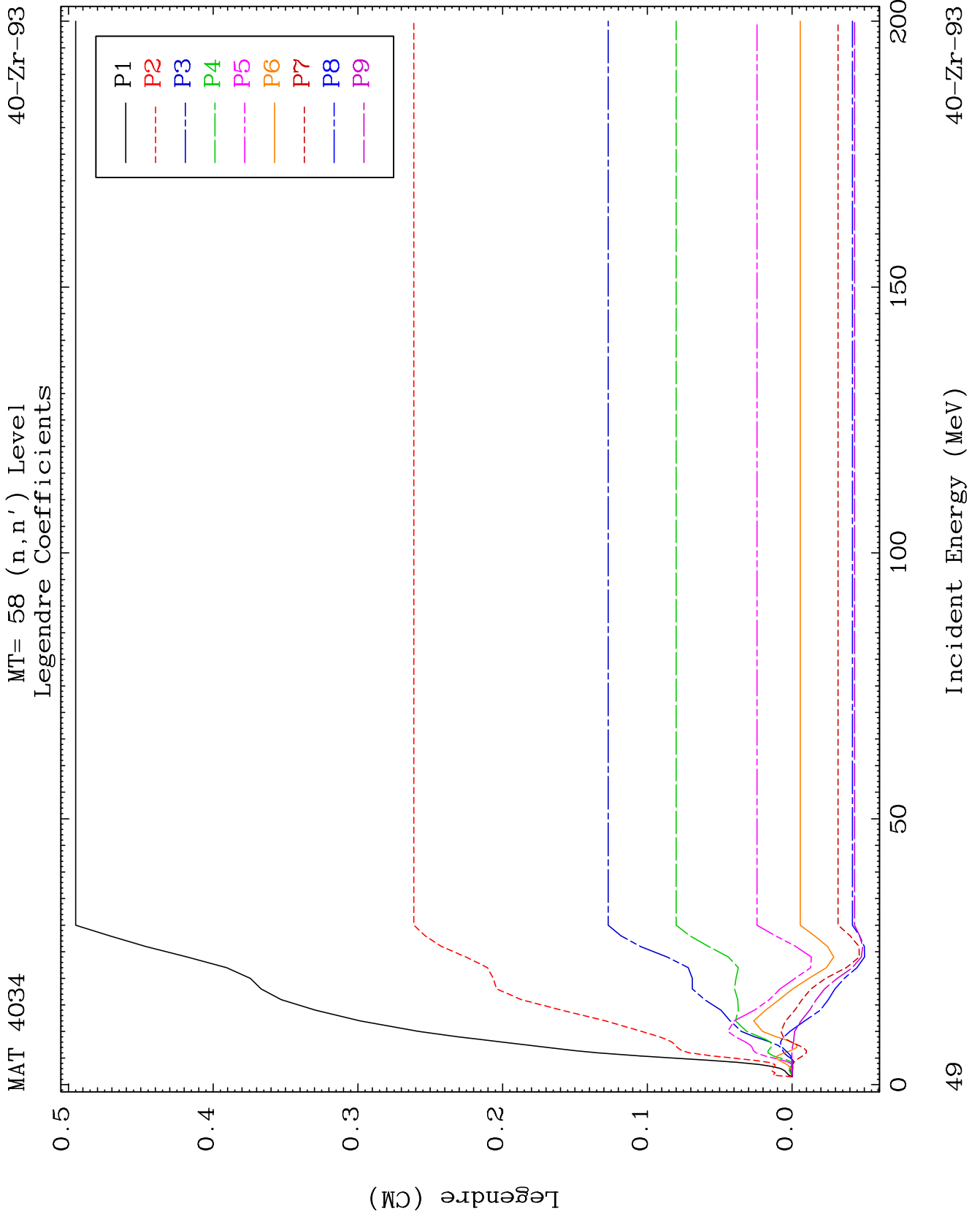
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MAT 4034

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

40-Zr-93

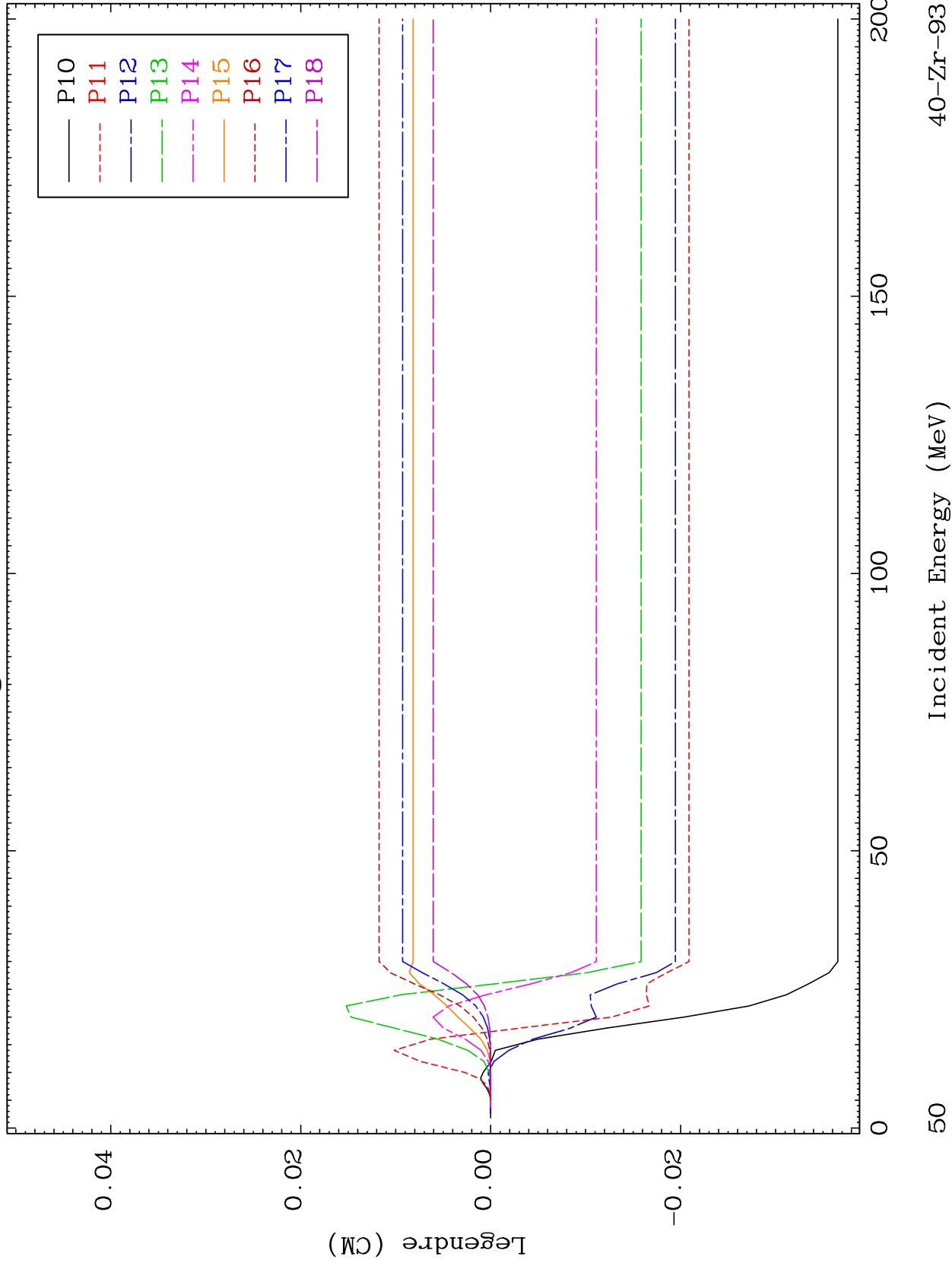




MAT 4034

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

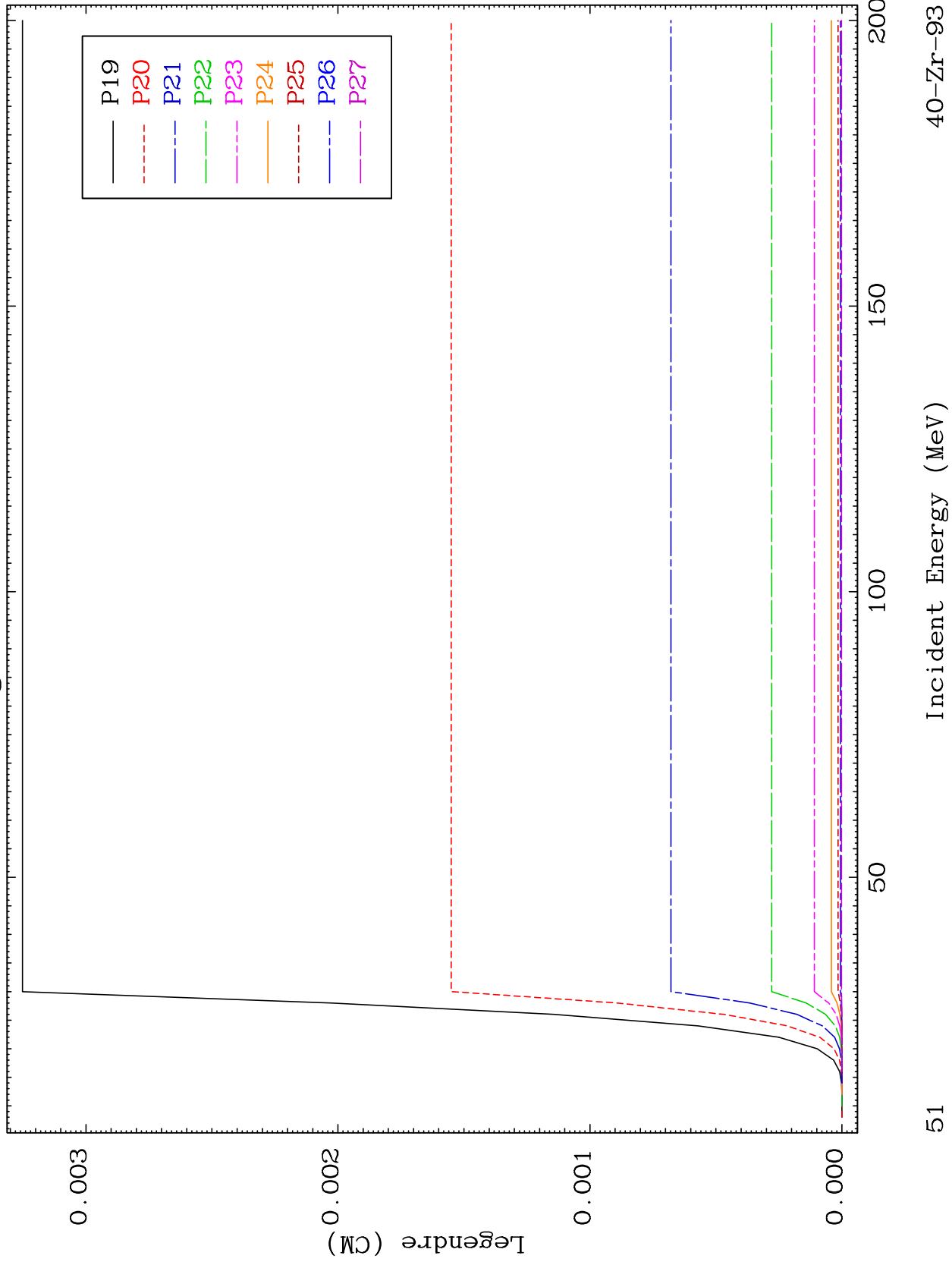
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MAT 4034

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

40-Zr-93



51

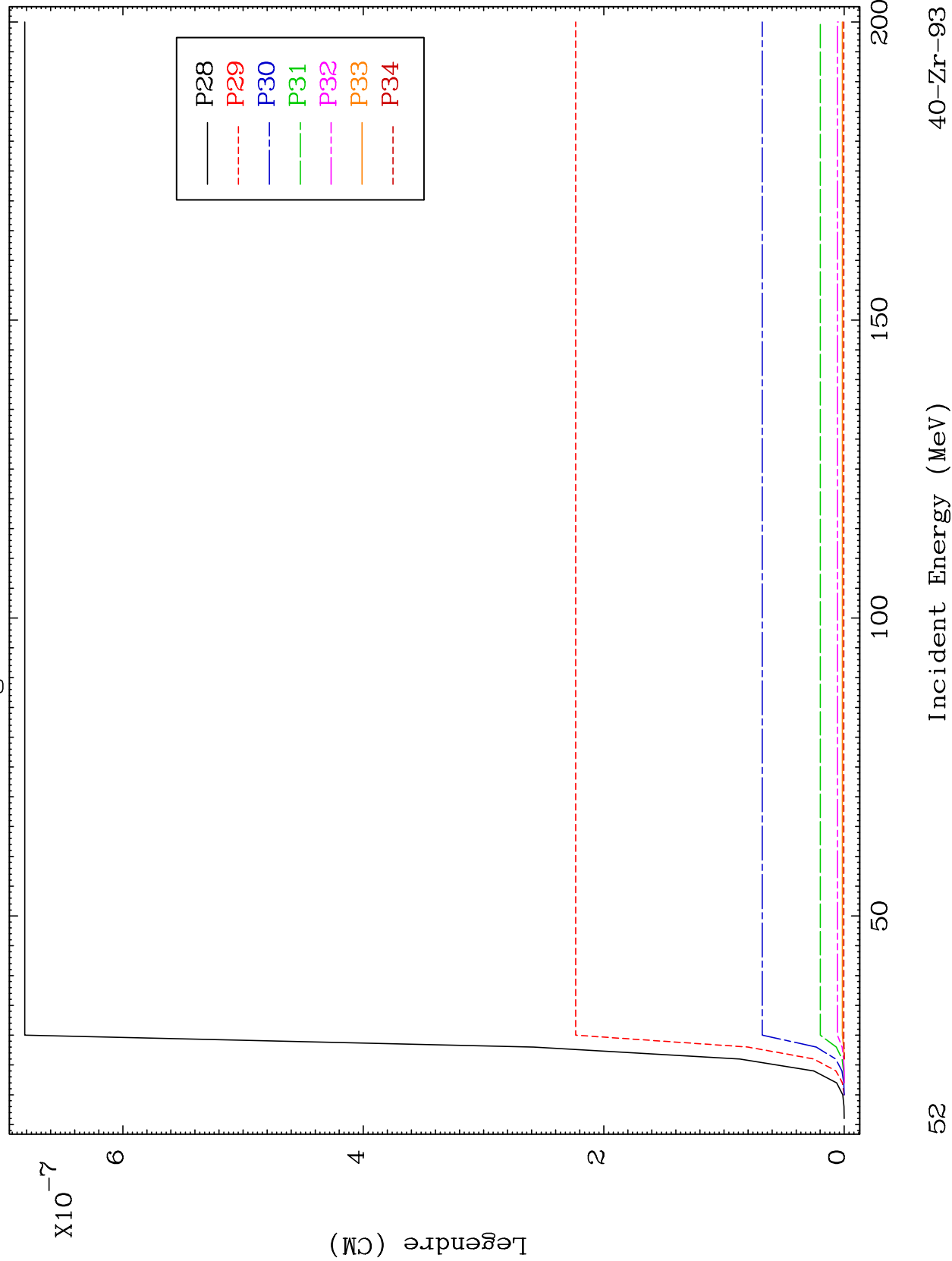
Incident Energy (MeV)

40-Zr-93

MAT 4034

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

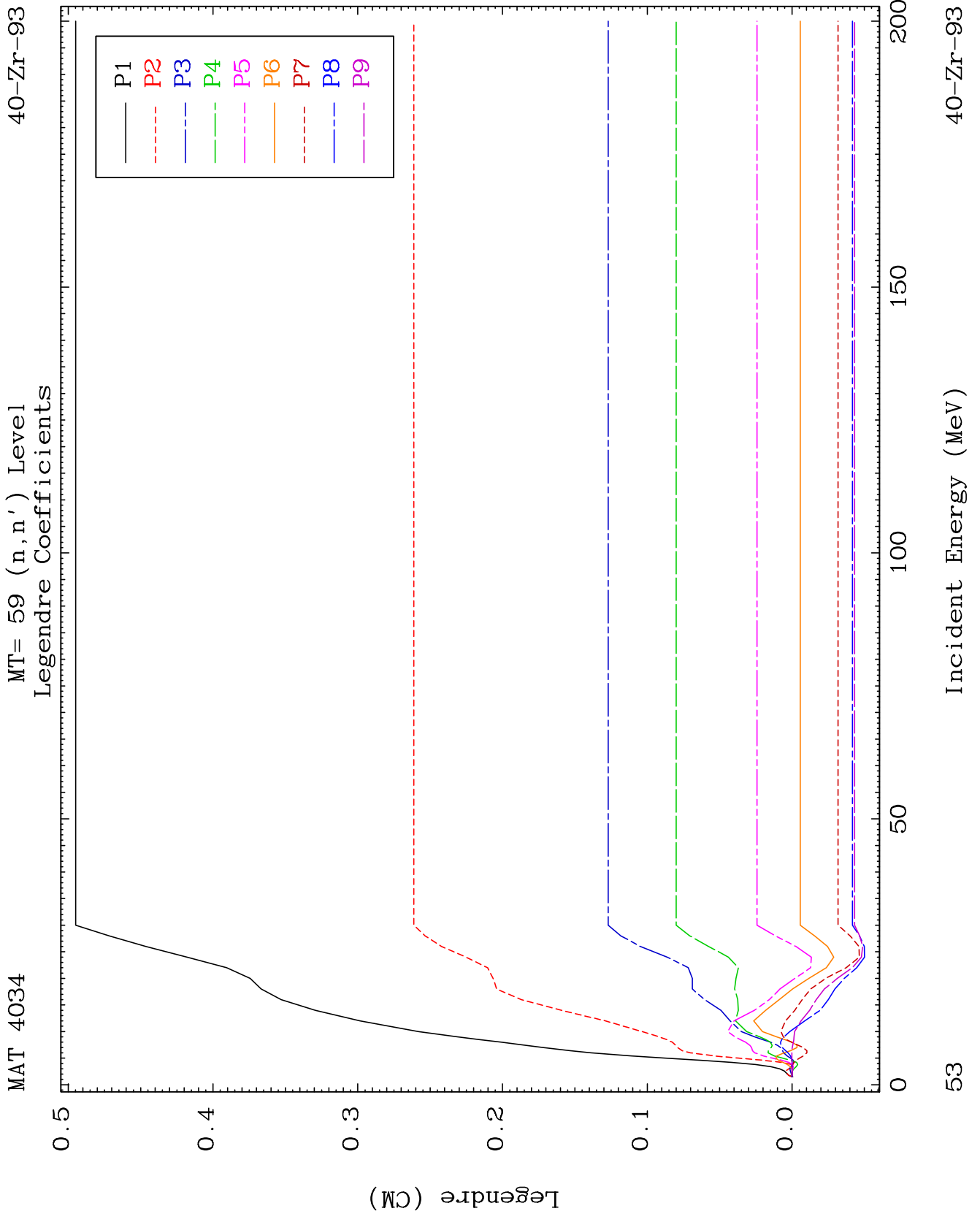
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52

Incident Energy (MeV)

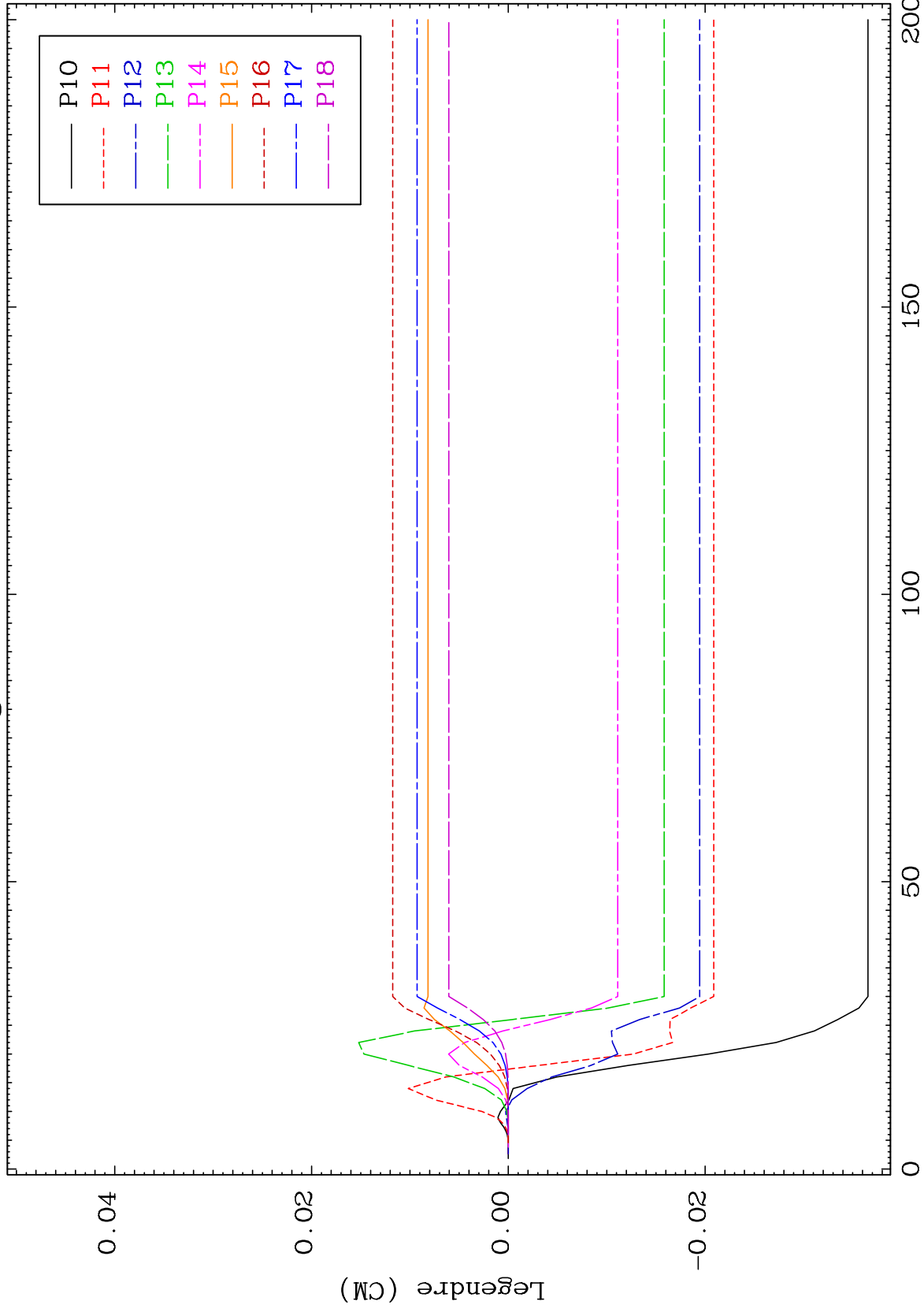
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MAT 4034

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

40-Zr-93



54

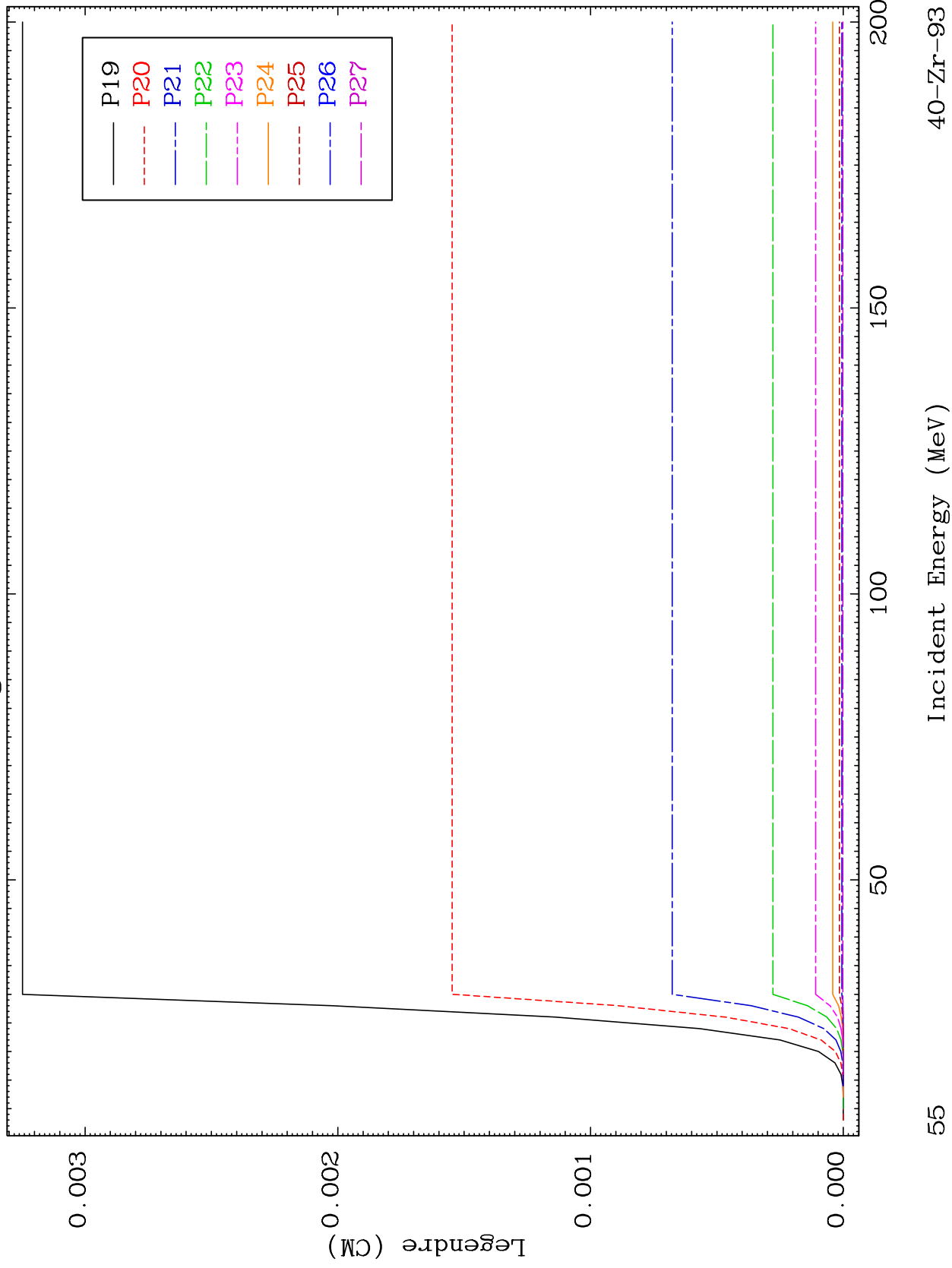
Incident Energy (MeV)

40-Zr-93

MAT 4034

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

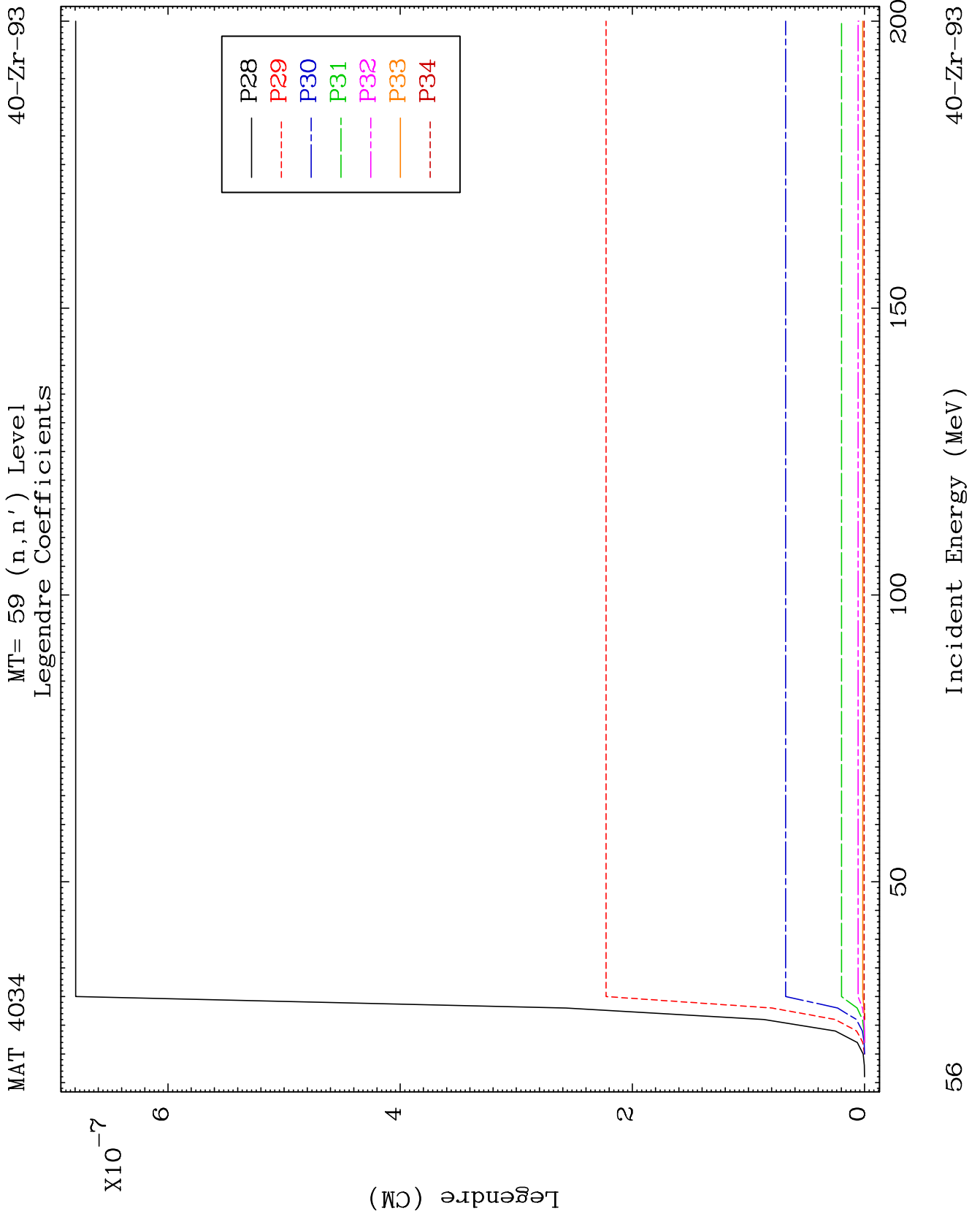
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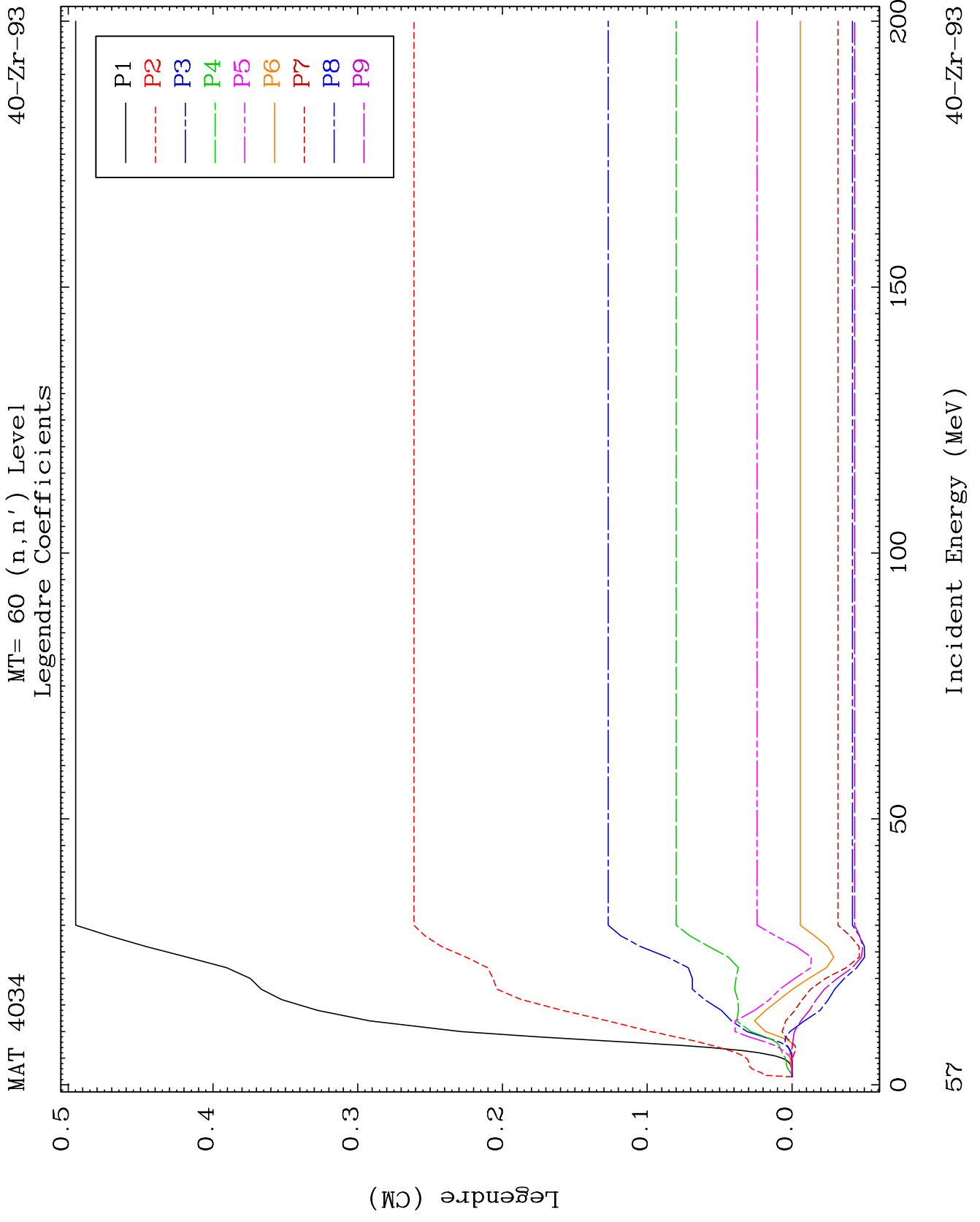


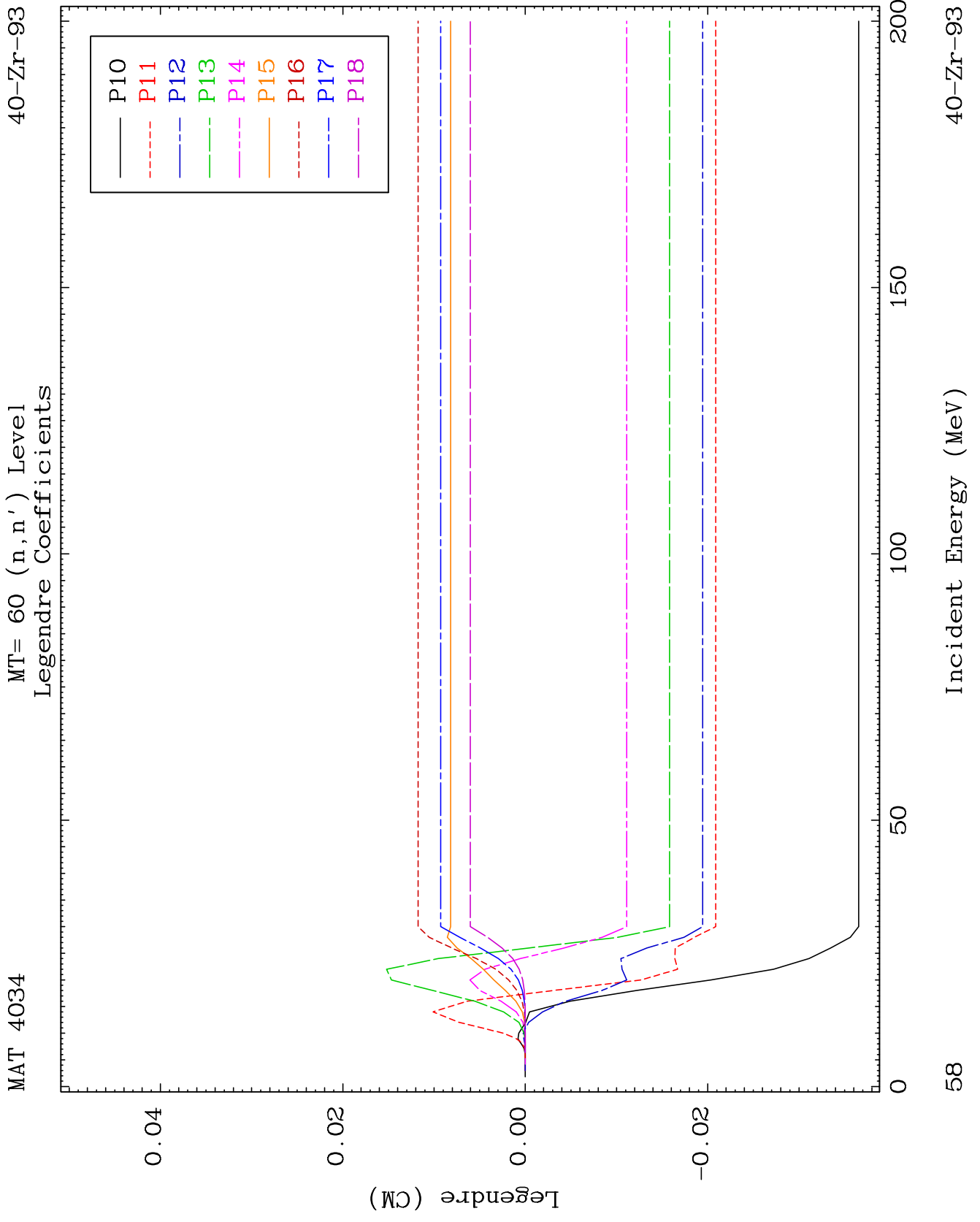
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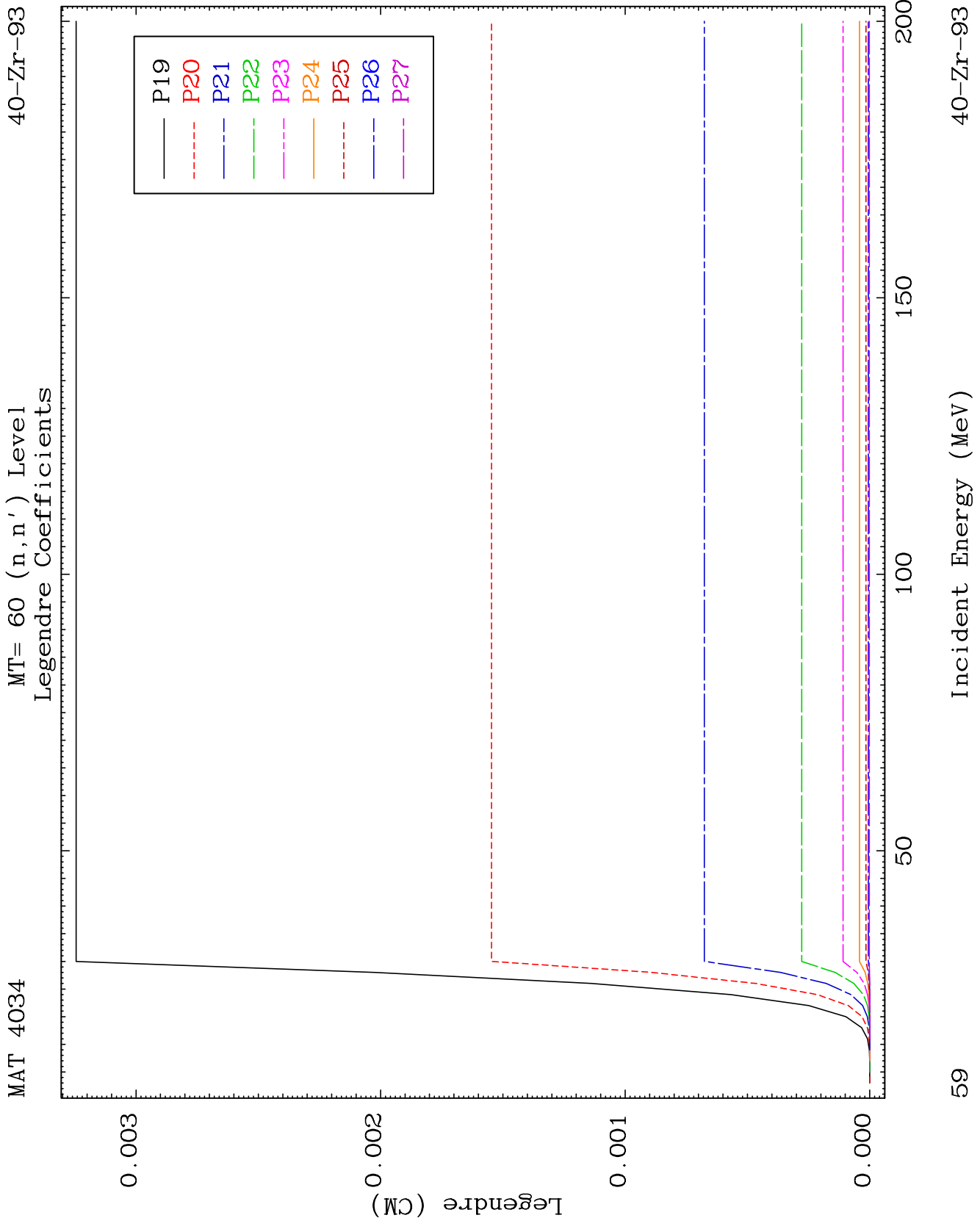
Incident Energy (MeV)

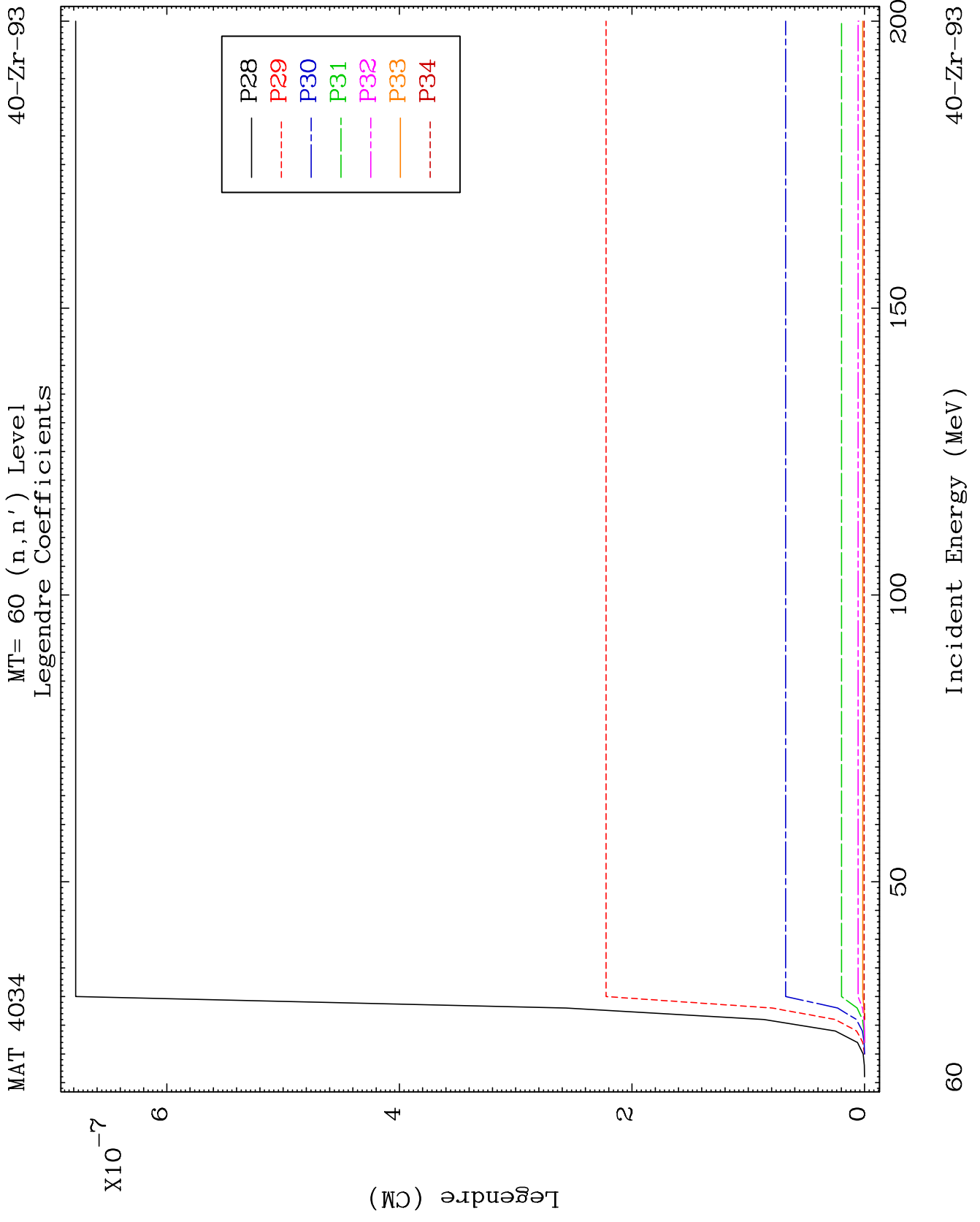
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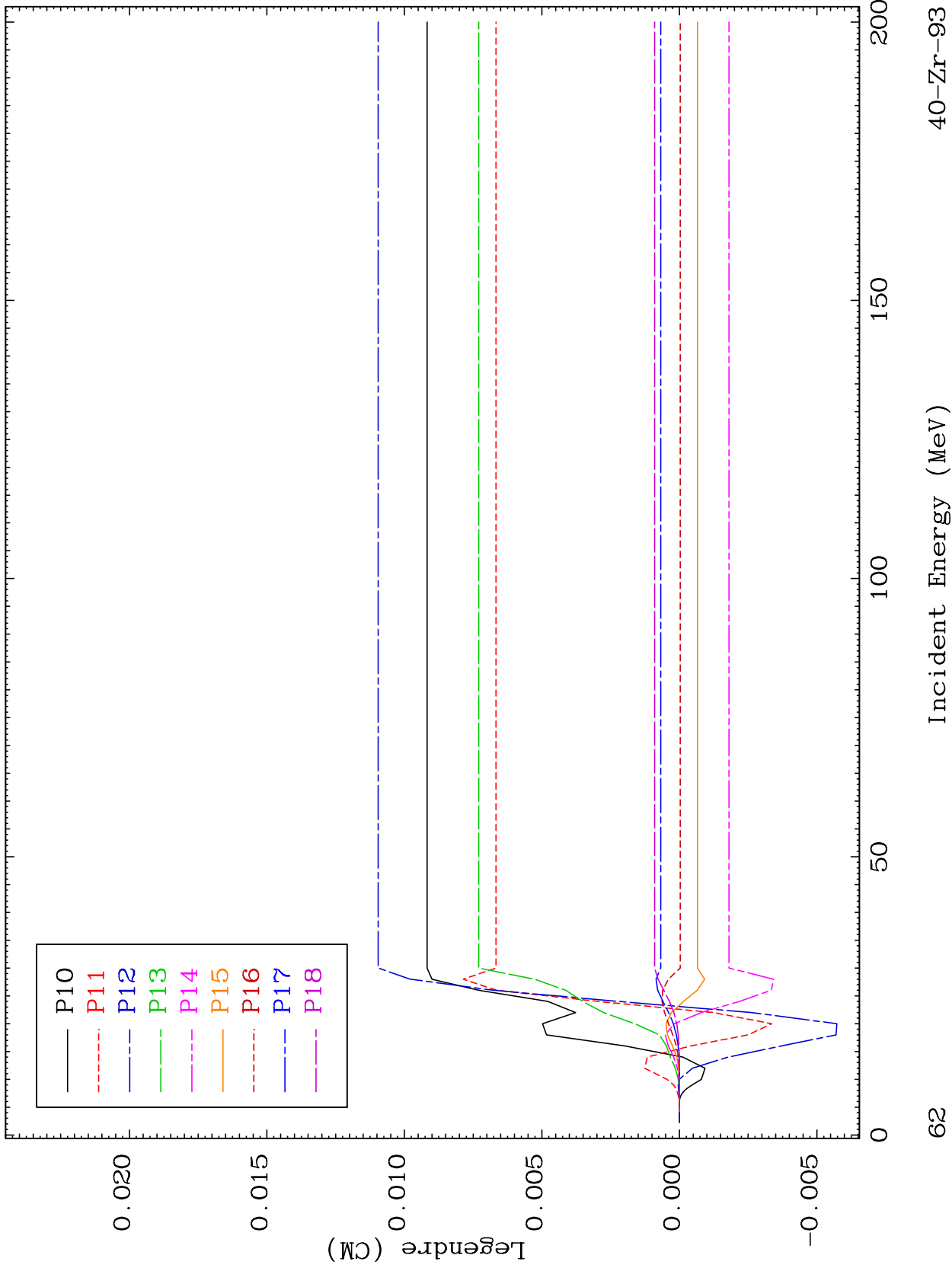




MAT 4034

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

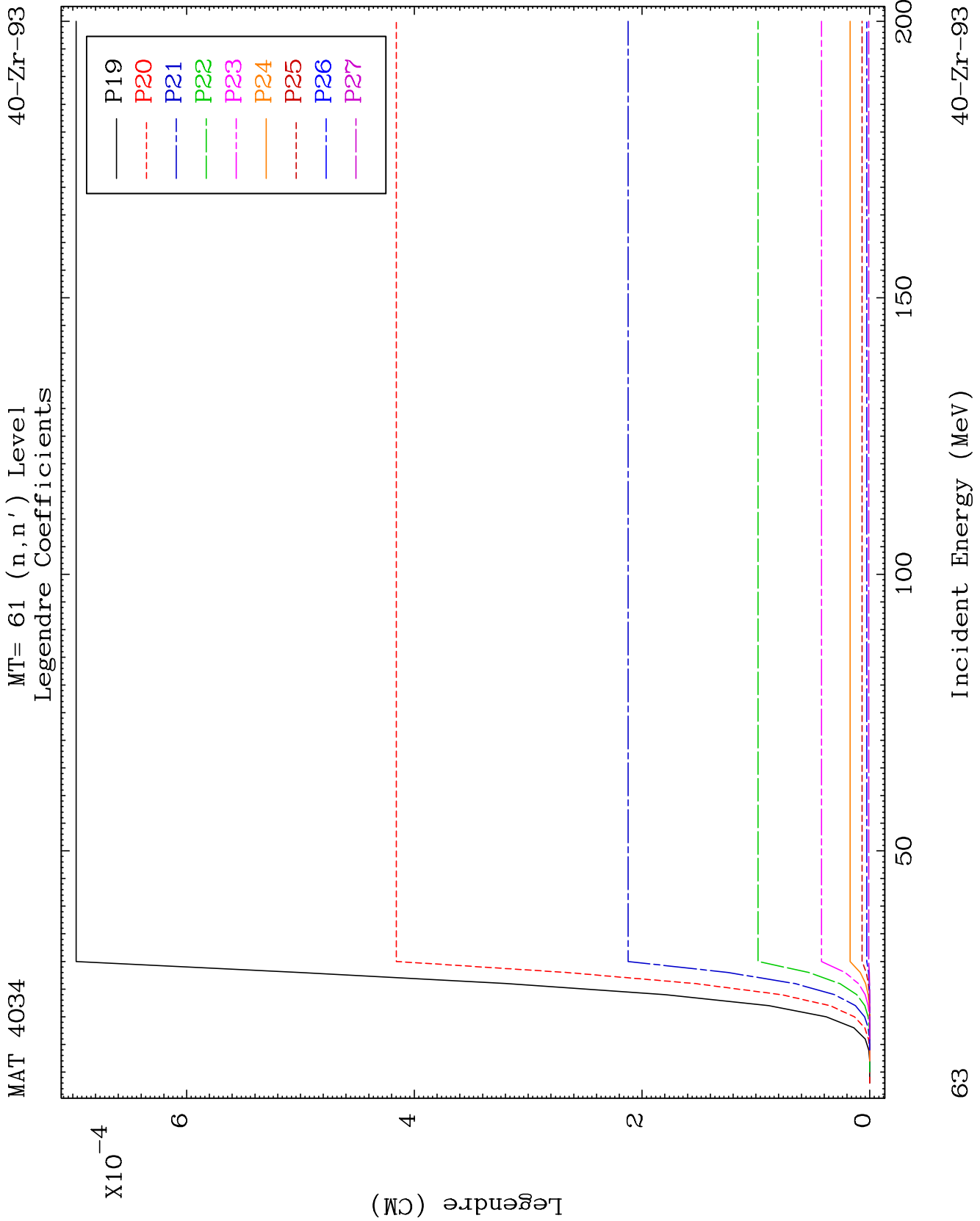
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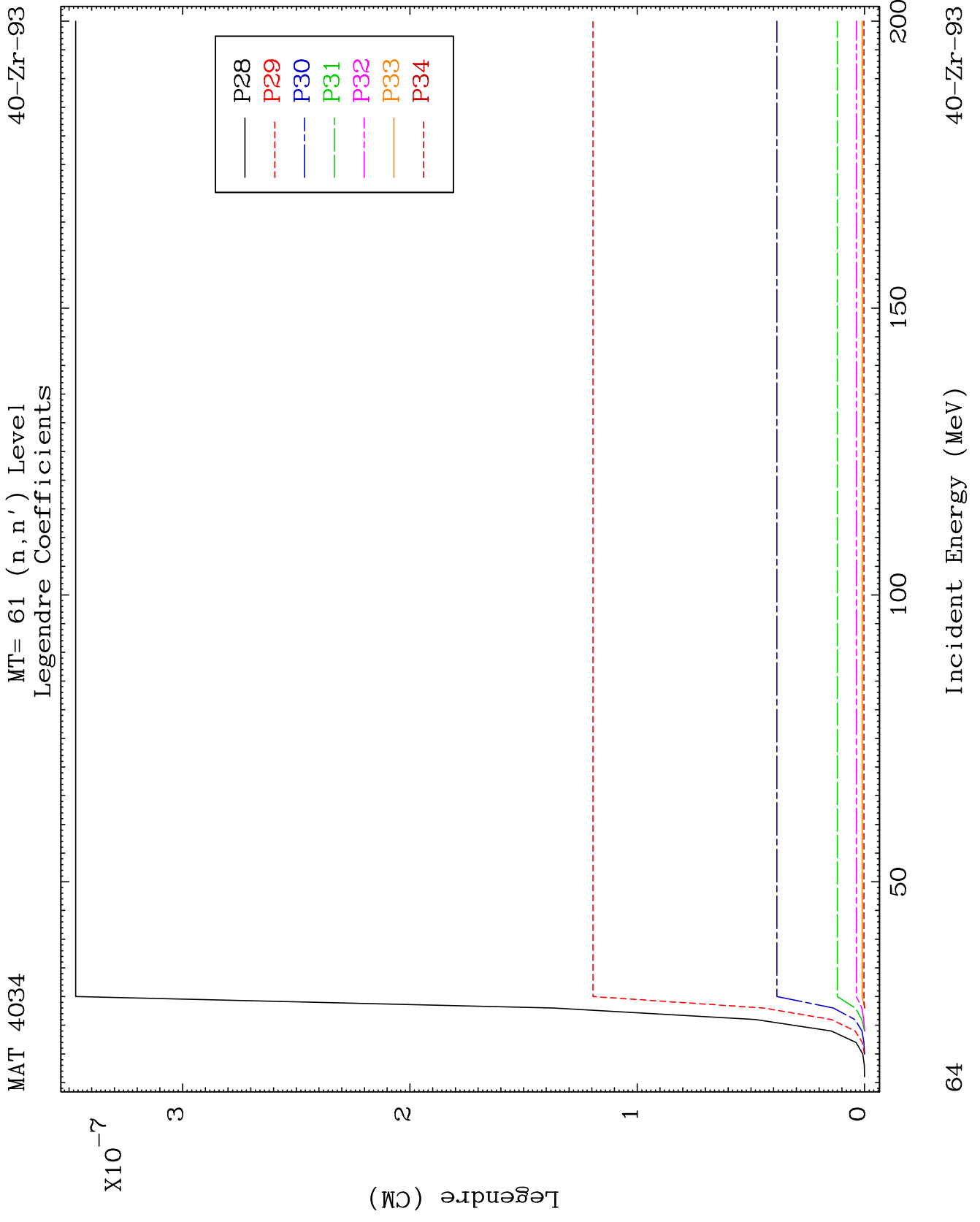


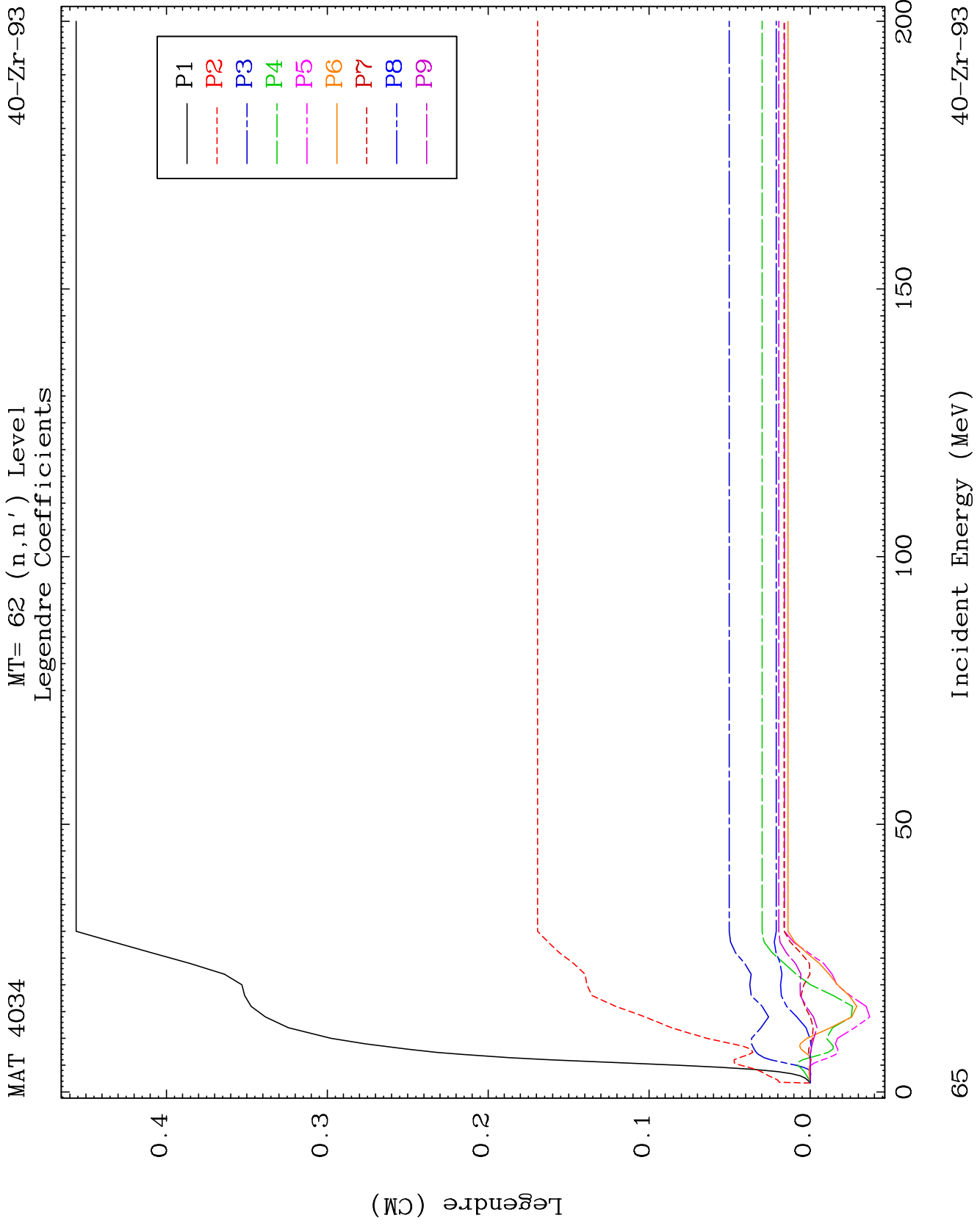
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Incident Energy (MeV)

40-Zr-93



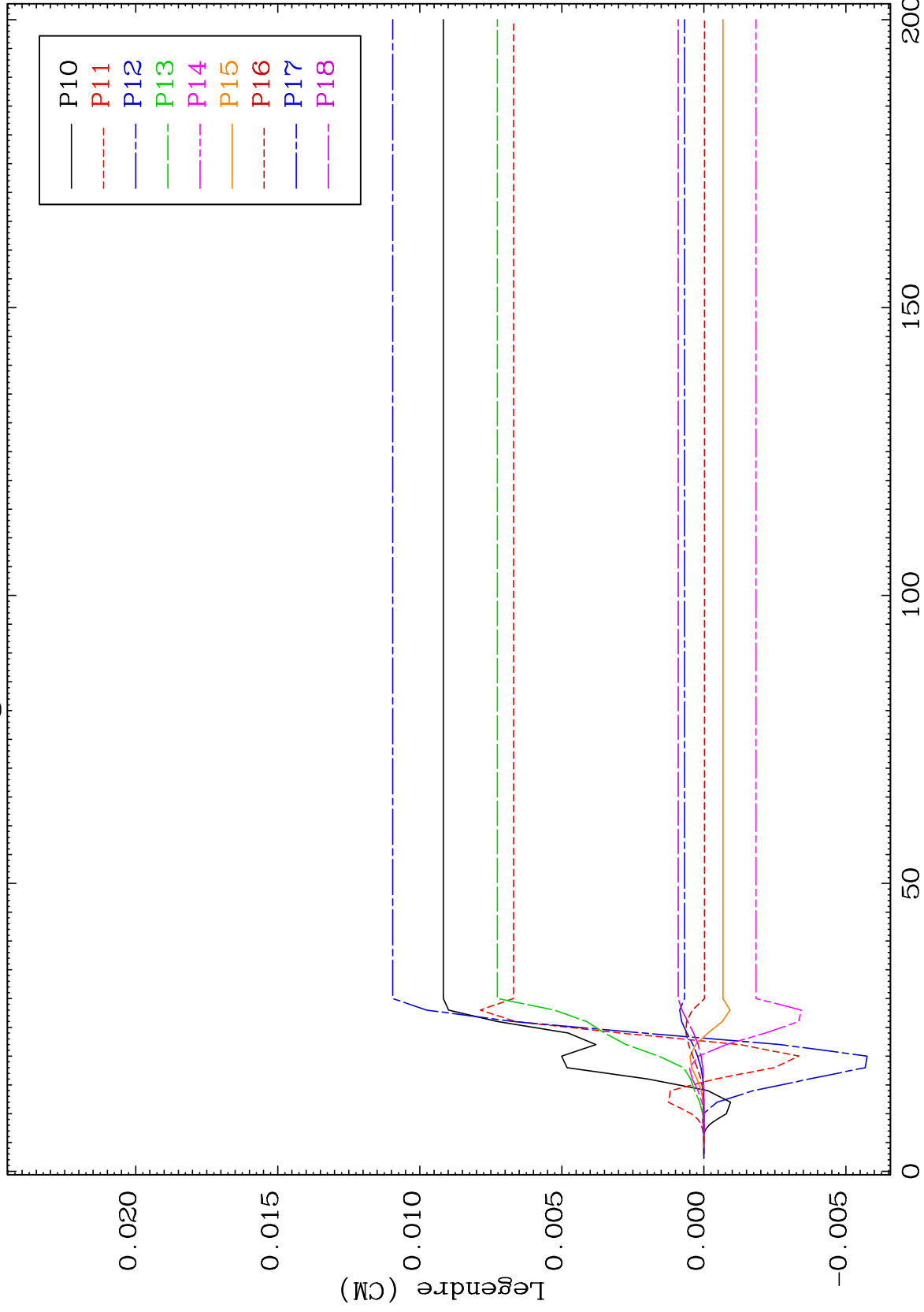




MAT 4034

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

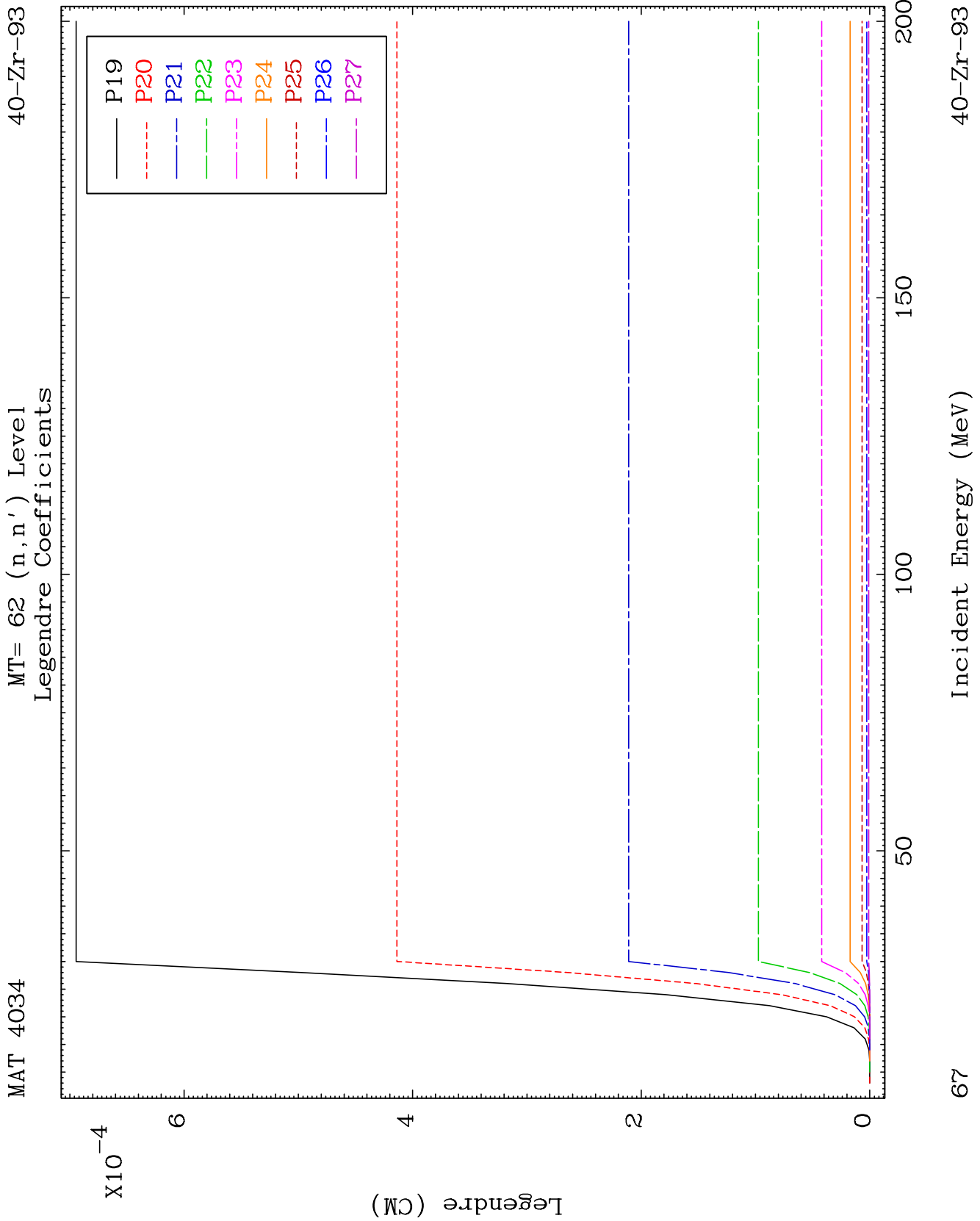
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66

Incident Energy (MeV)

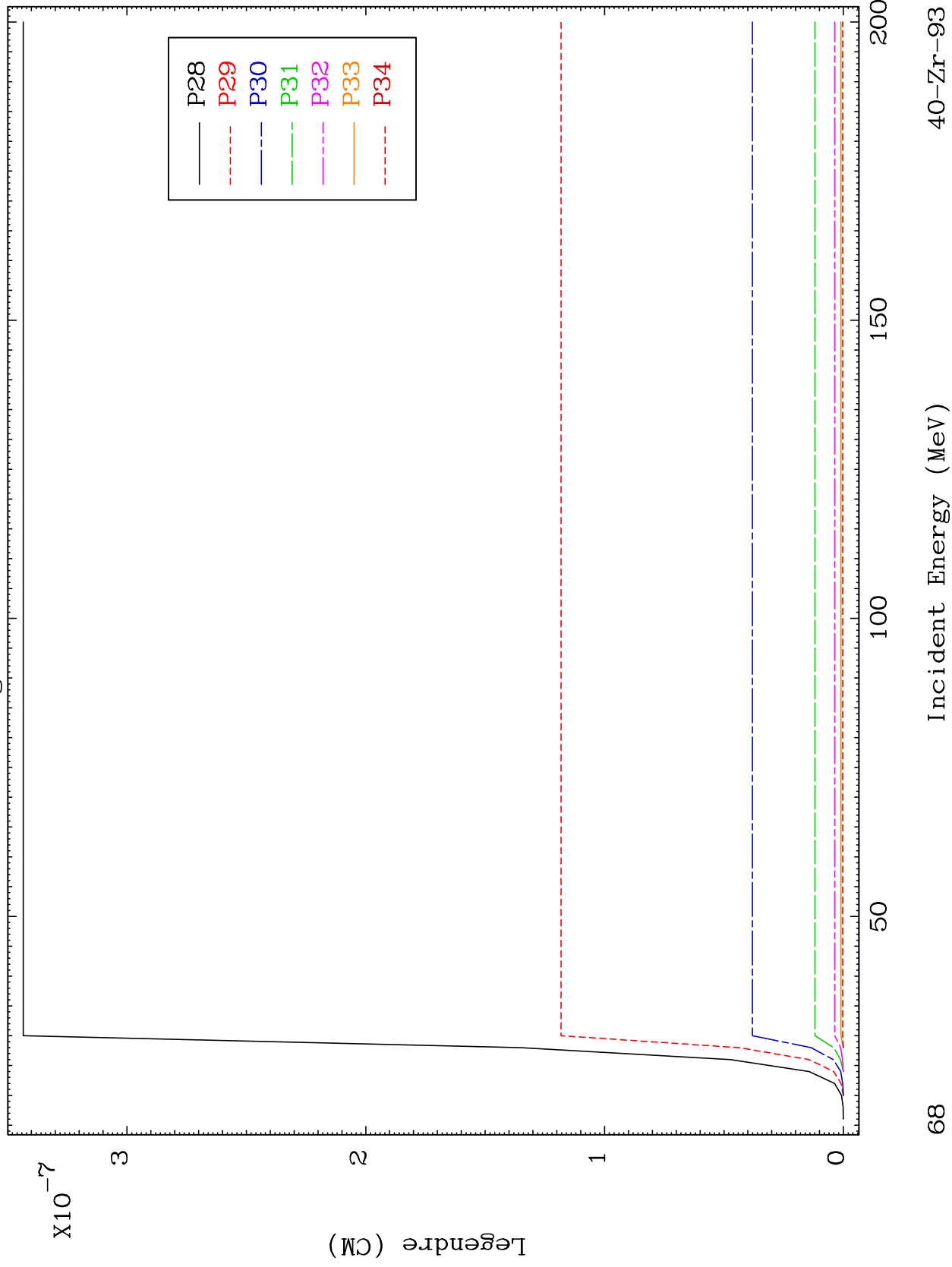
40-Zr-93



MAT 4034

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

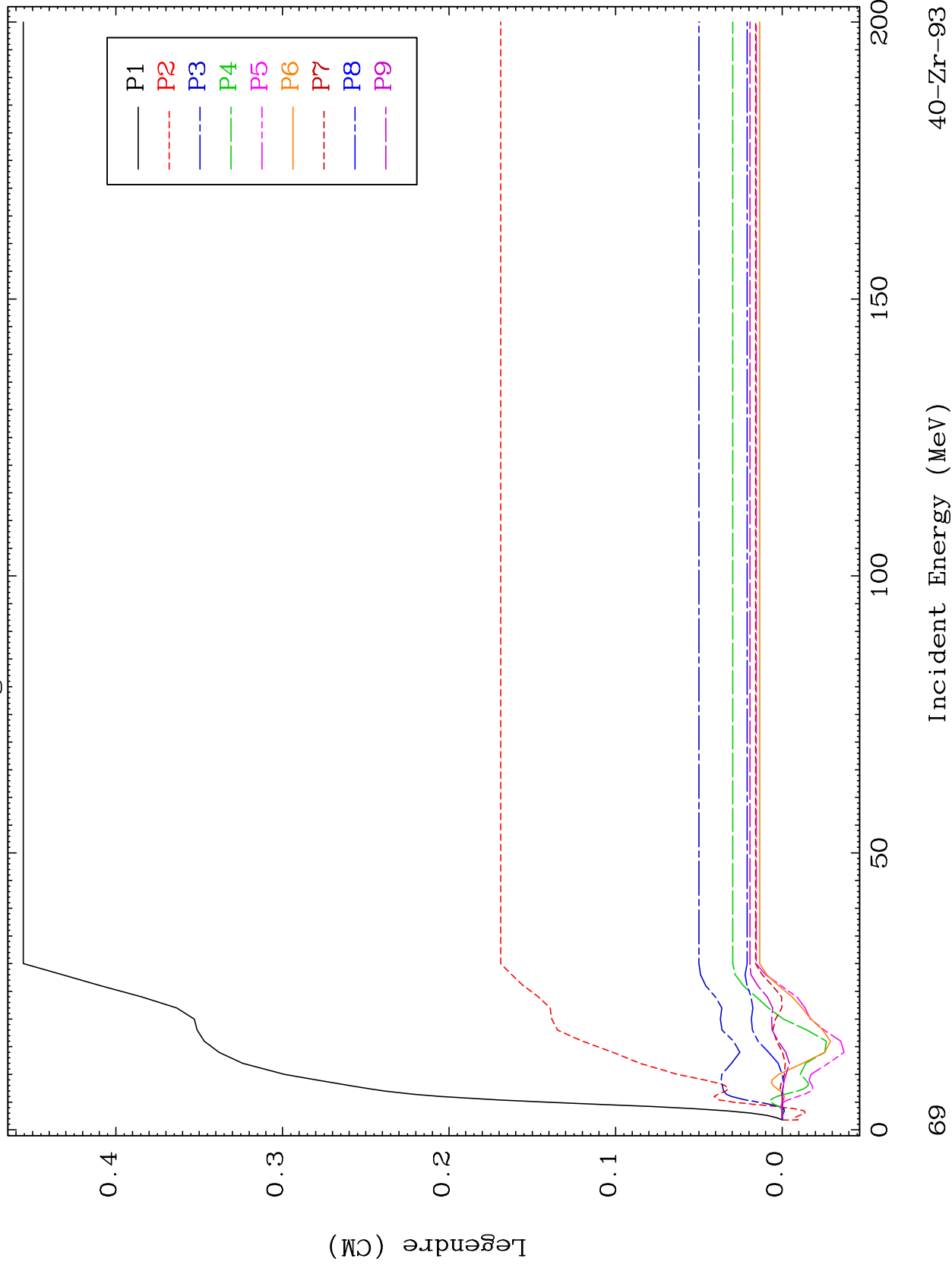
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MAT 4034

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

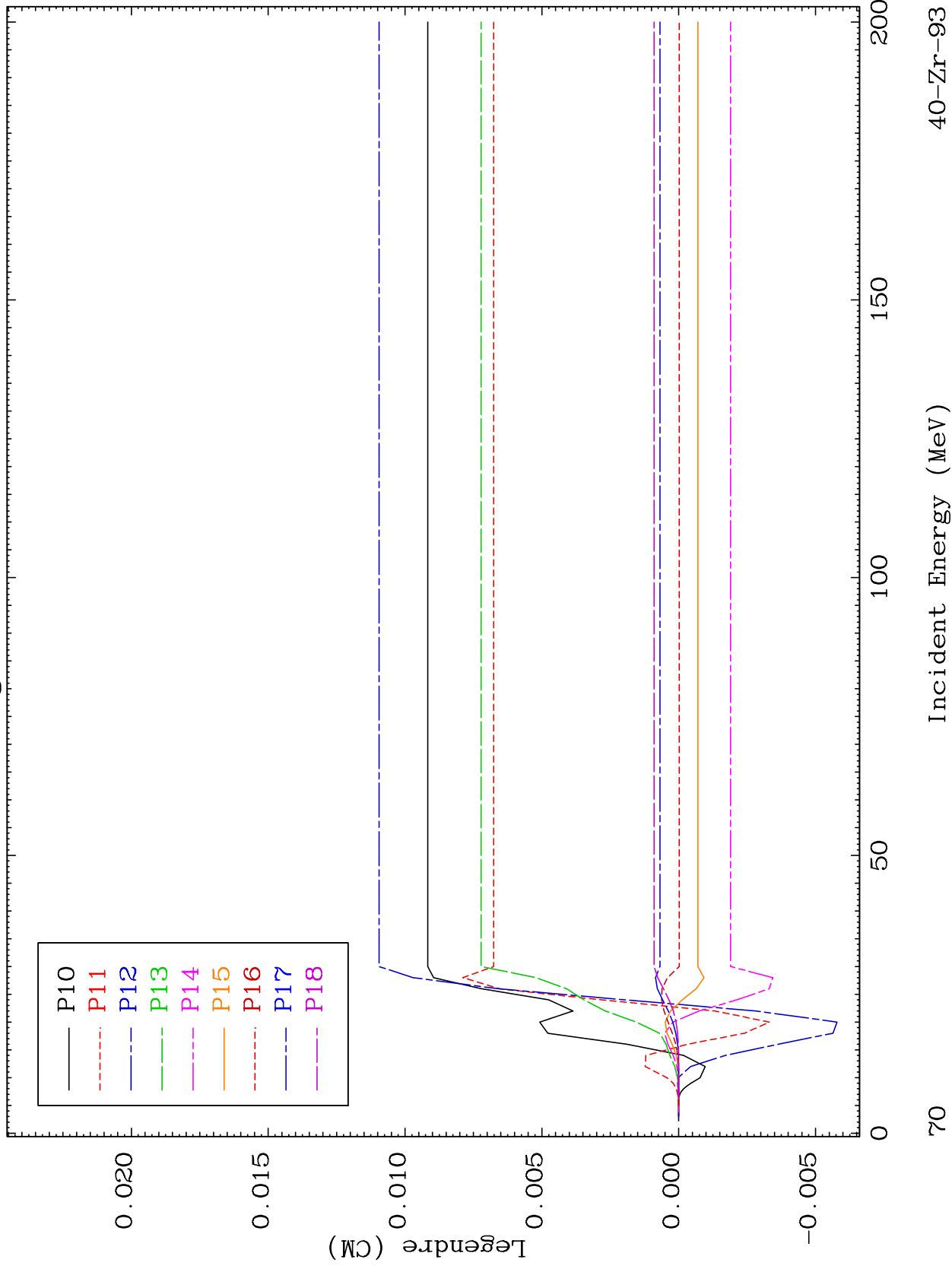
40-Zr-93



MAT 4034

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

40-Zr-93



40-Zr-93

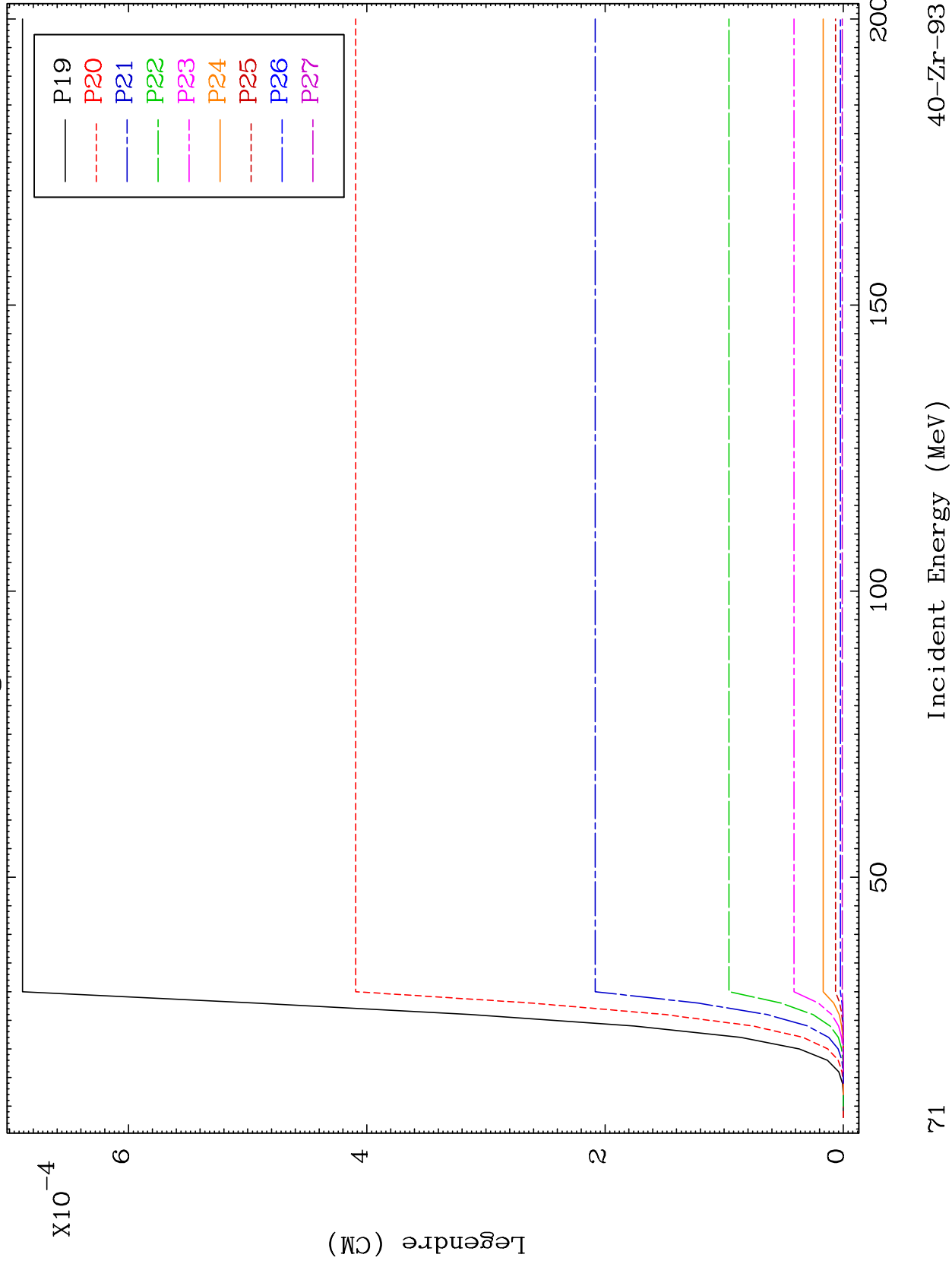
Incident Energy (MeV)

70

MAT 4034

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

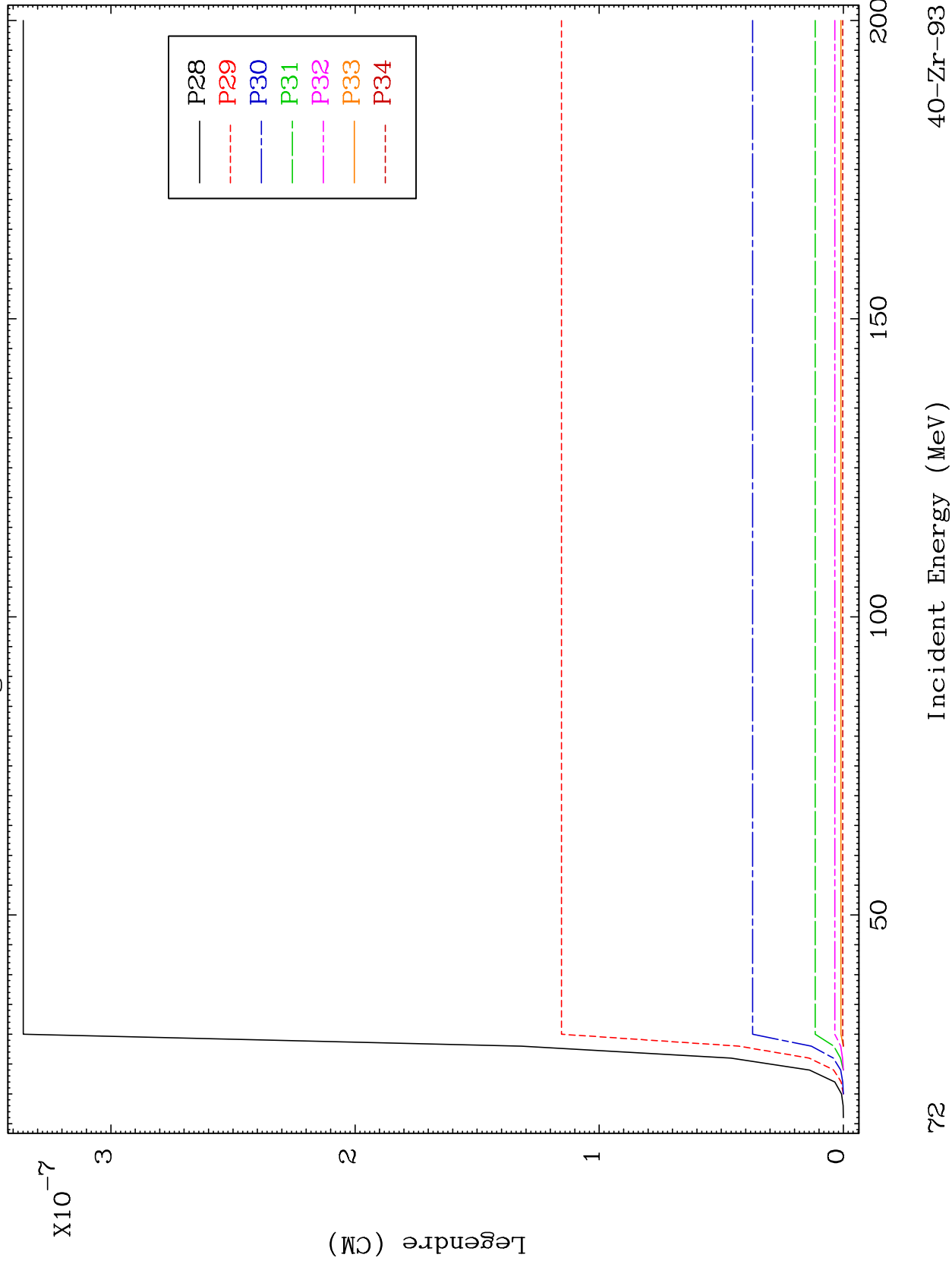
40-Zr-93



MAT 4034

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

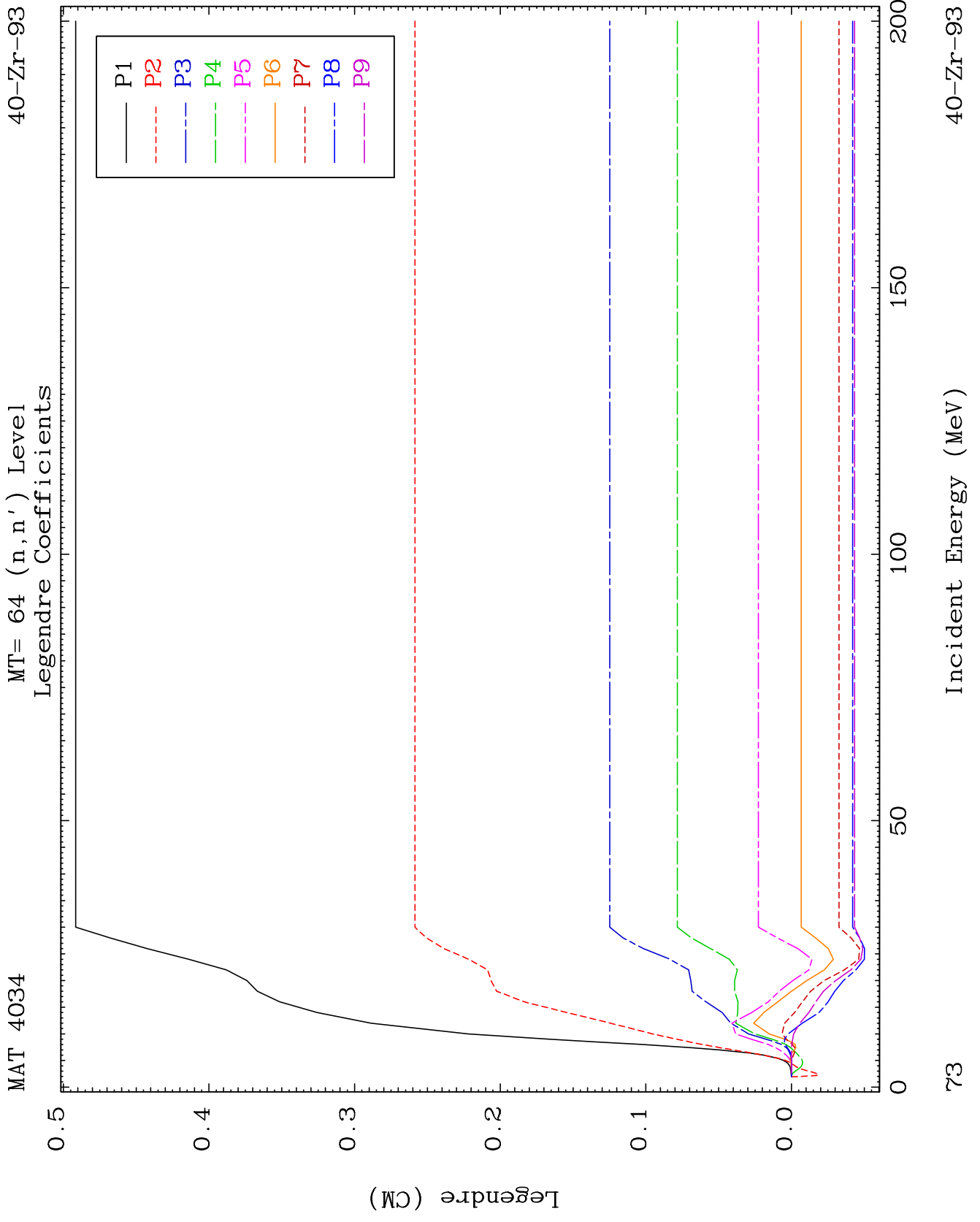
40-Zr-93



72

Incident Energy (MeV)

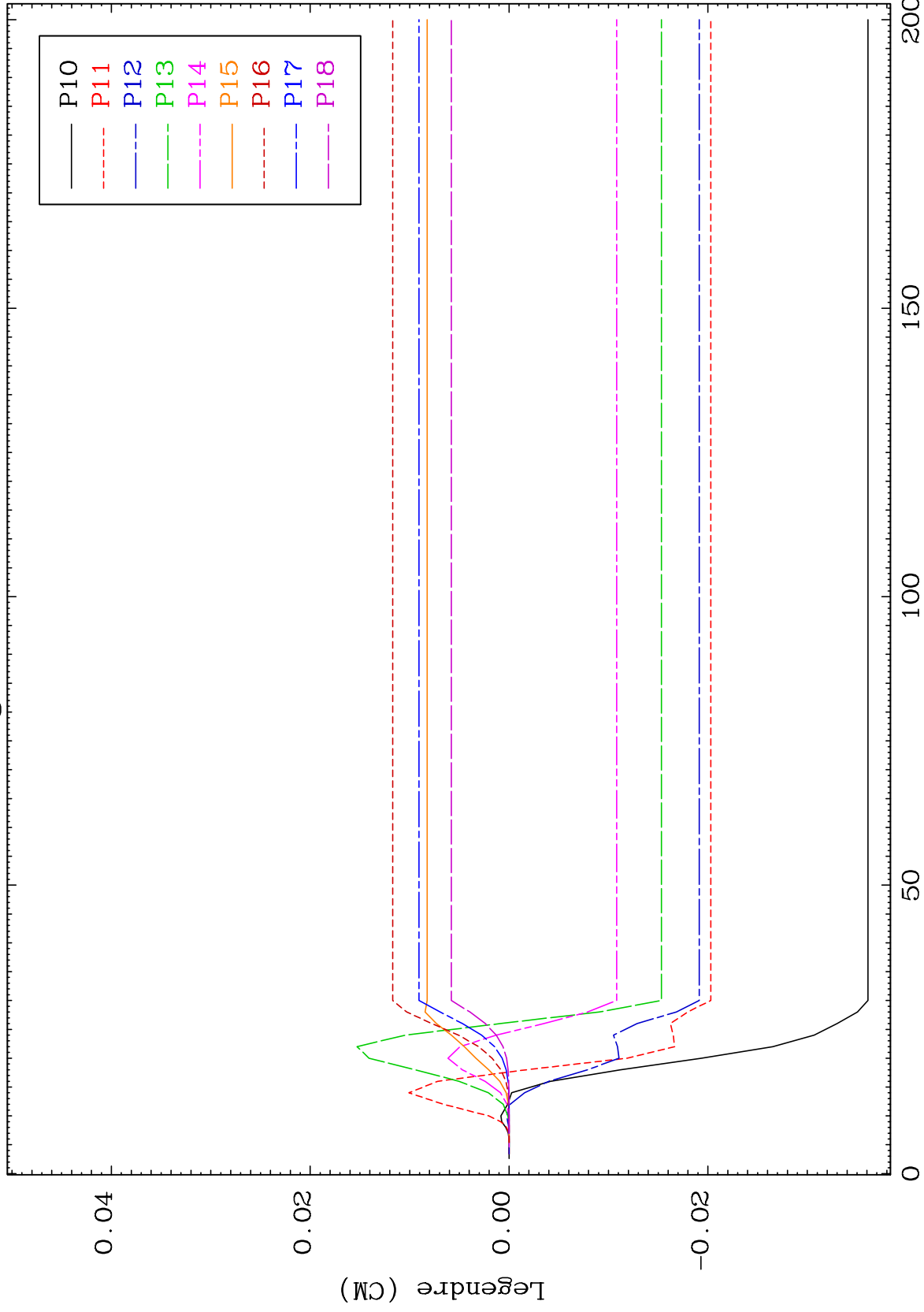
40-Zr-93



MAT 4034

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

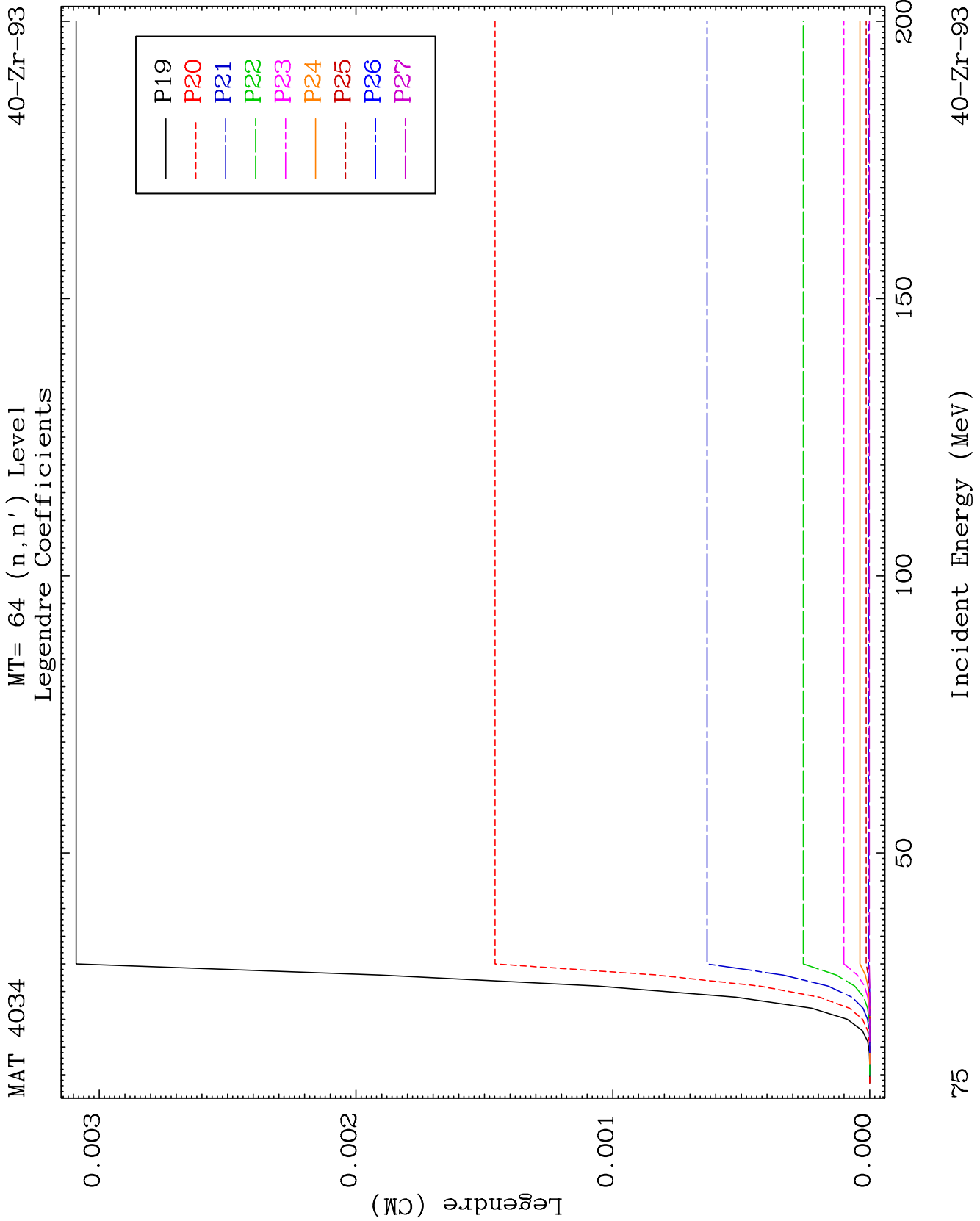
40-Zr-93



74

Incident Energy (MeV)

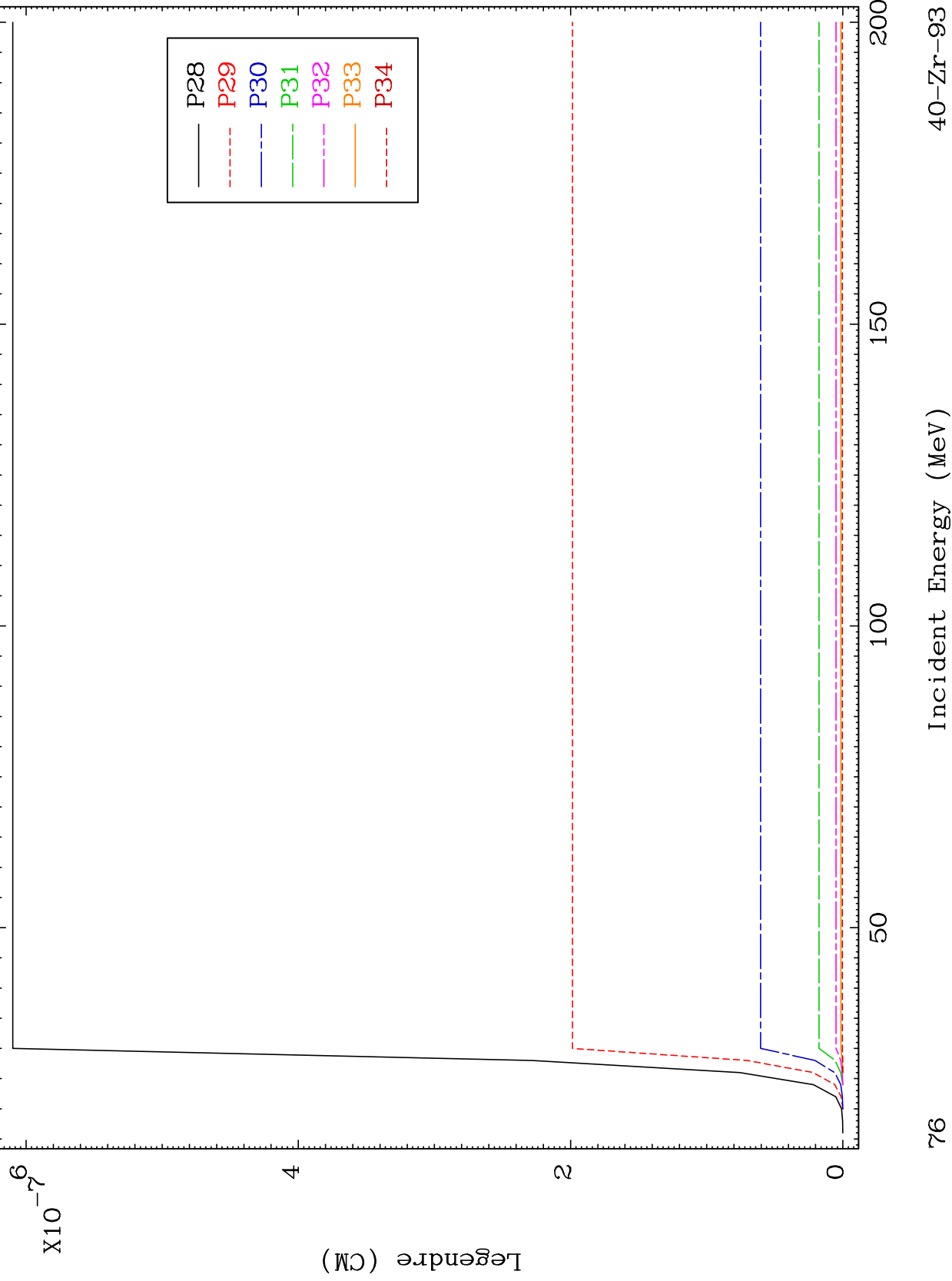
40-Zr-93



MAT 4034

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

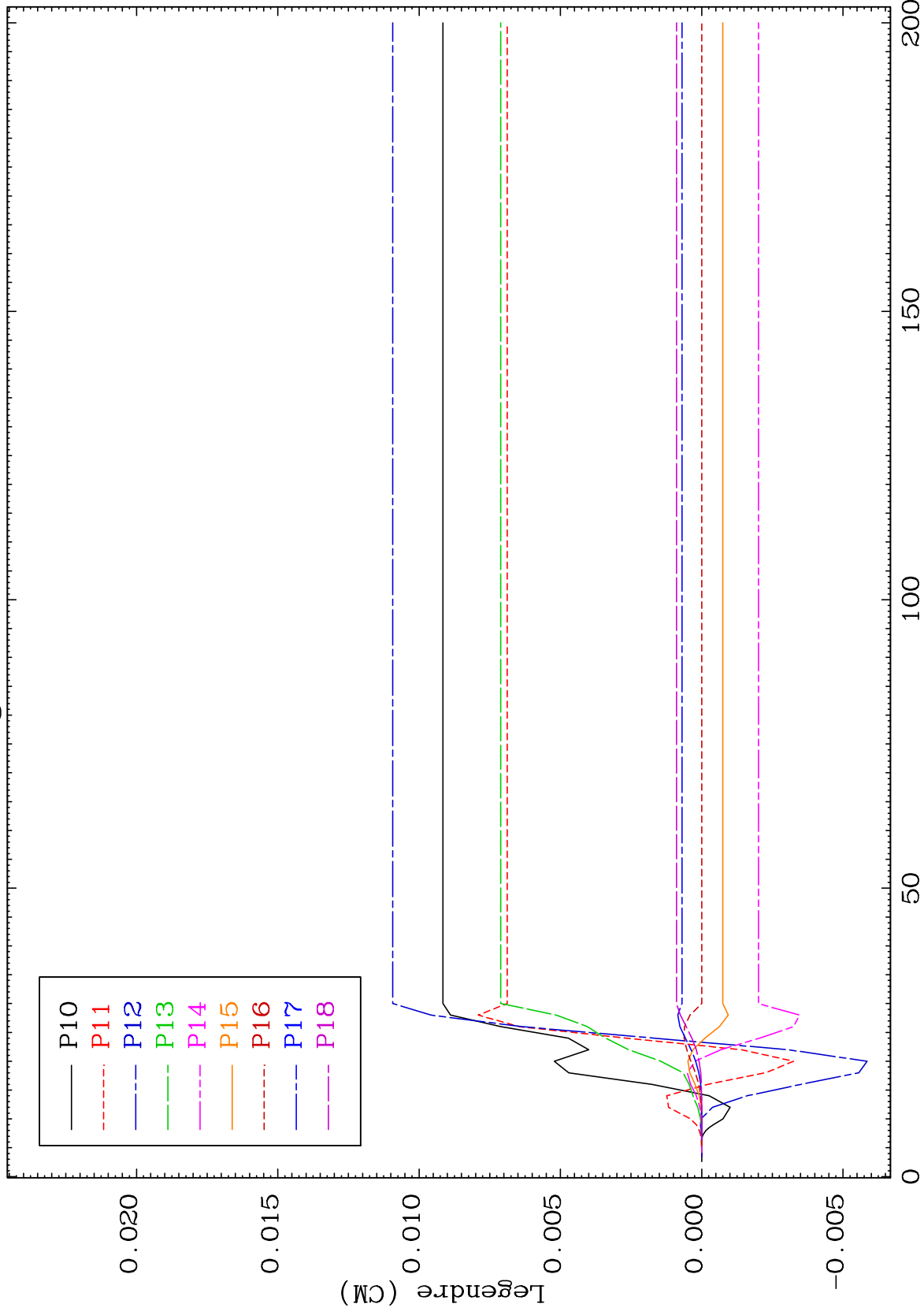
40-Zr-93



MAT 4034

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

40-Zr-93



78

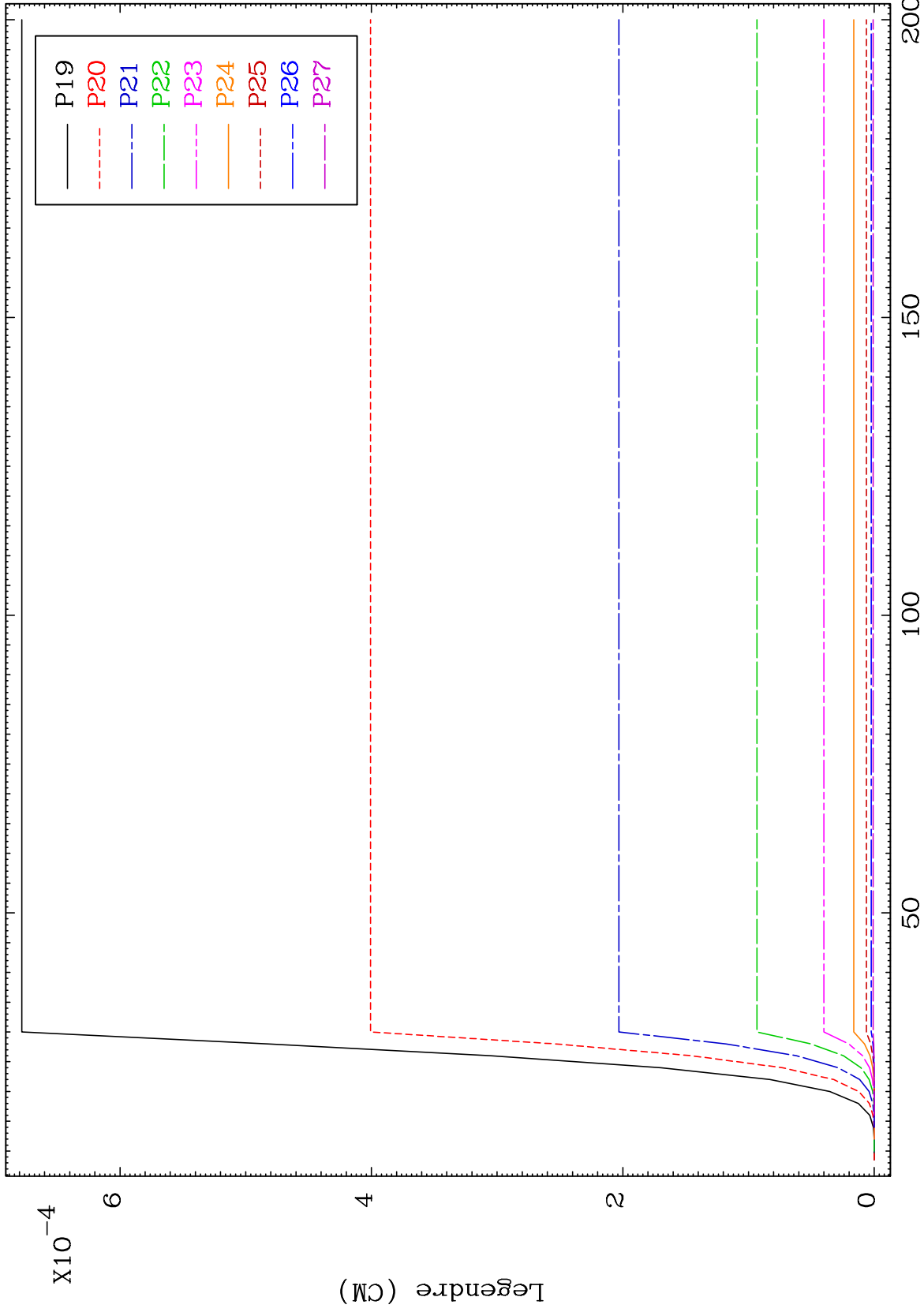
Incident Energy (MeV)

40-Zr-93

MAT 4034

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

40-Zr-93



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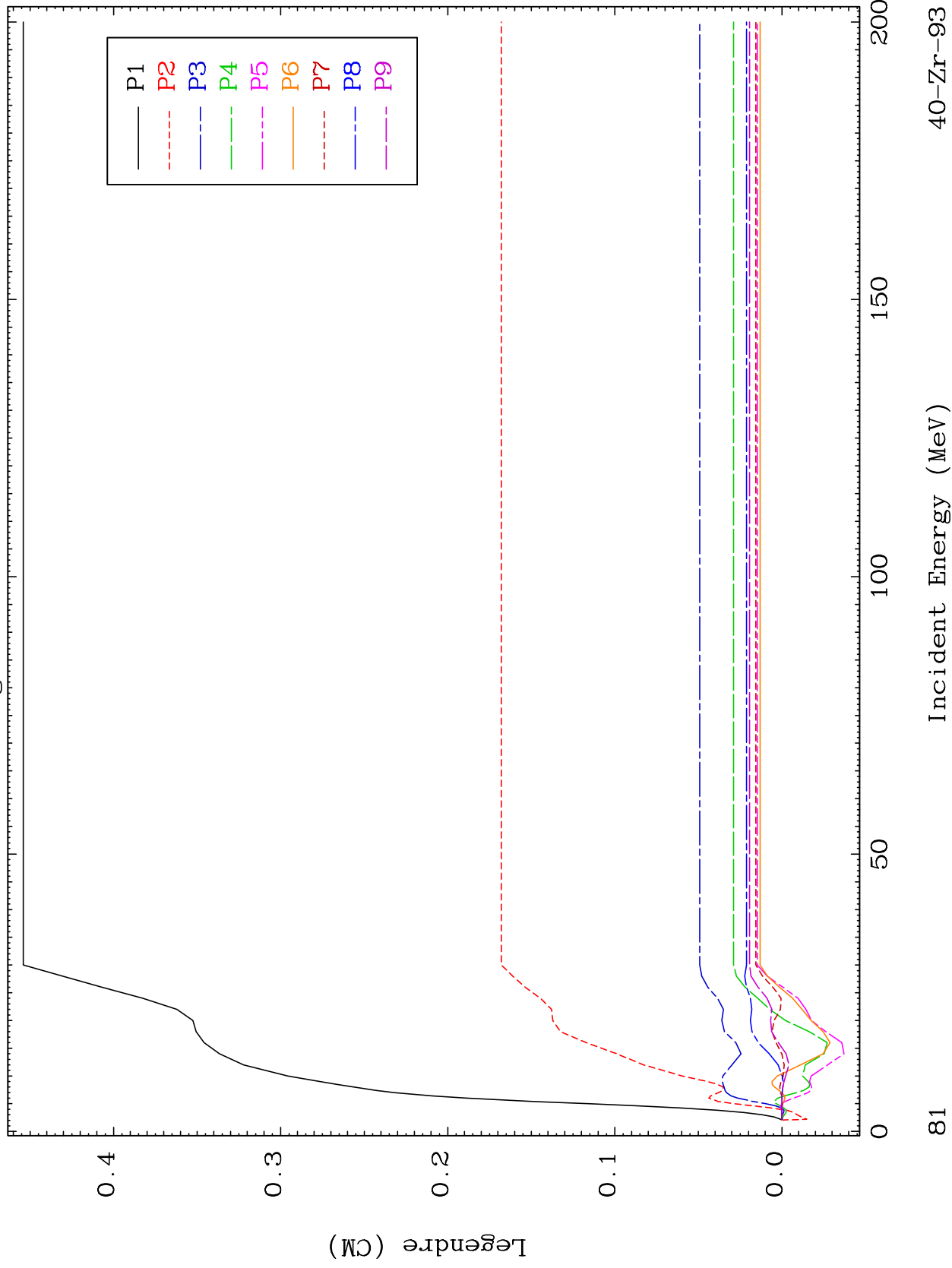
Incident Energy (MeV)

40-Zr-93

MAT 4034

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

40-Zr-93



81

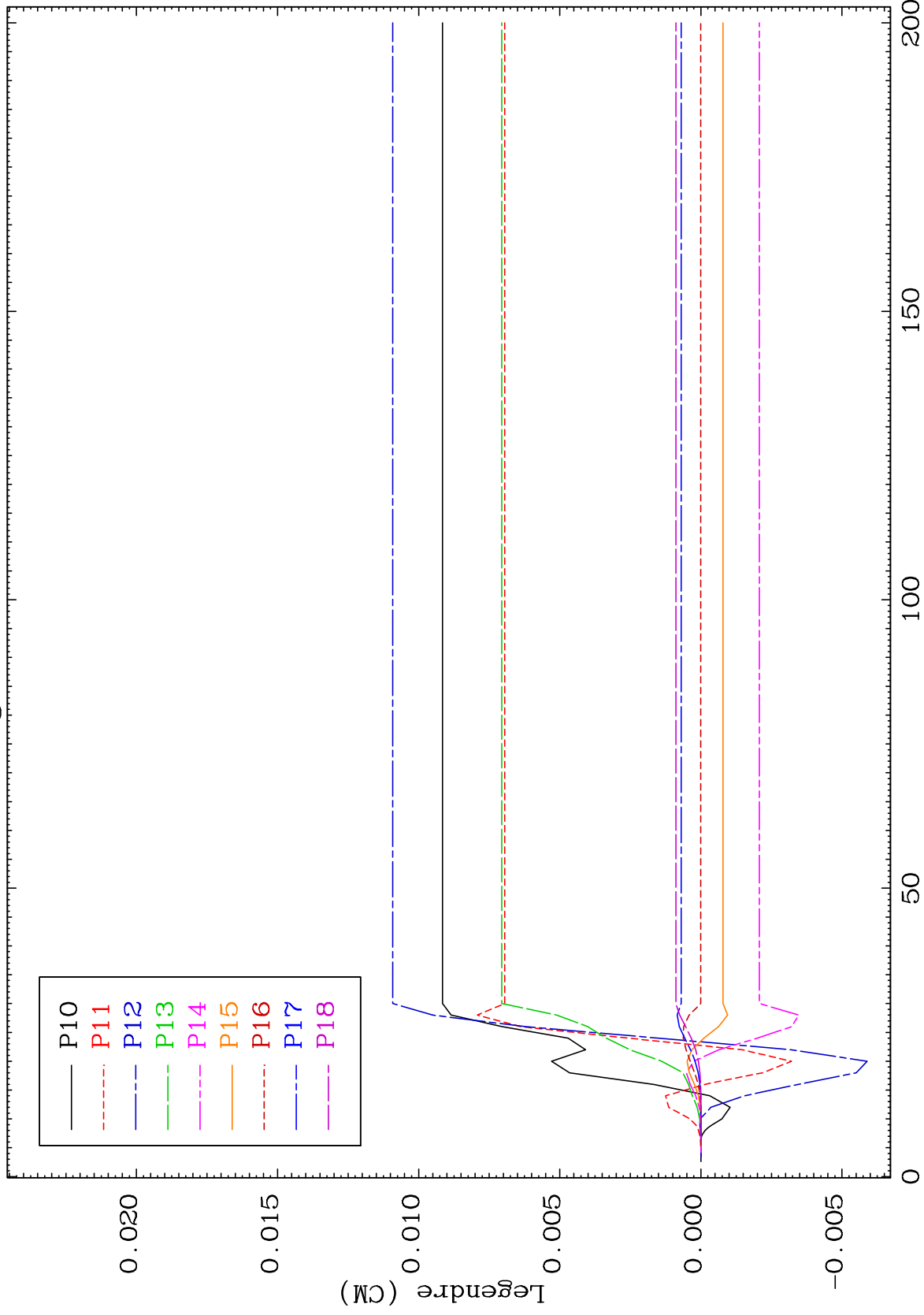
Incident Energy (MeV)

40-Zr-93

MAT 4034

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

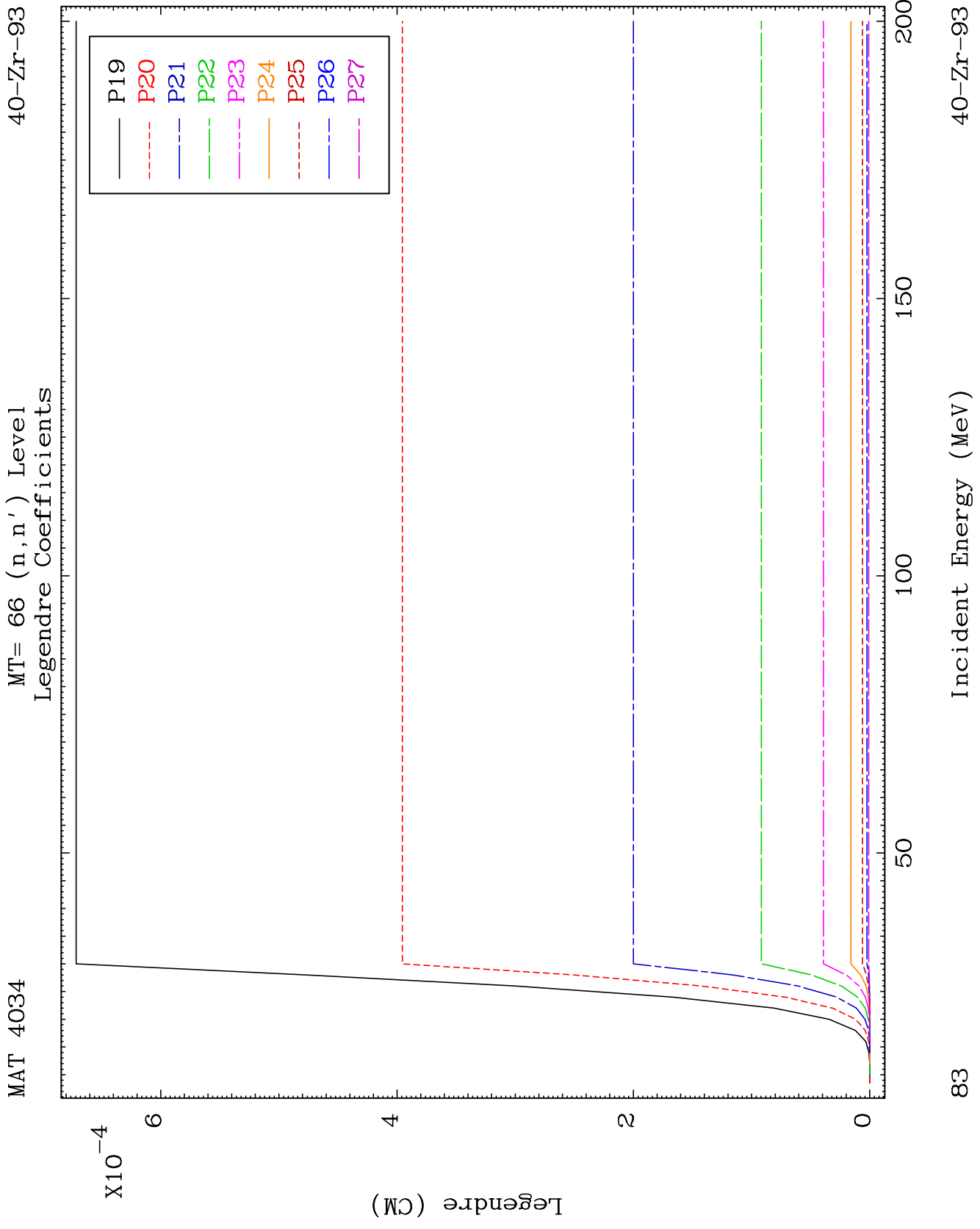
40-Zr-93



82

Incident Energy (MeV)

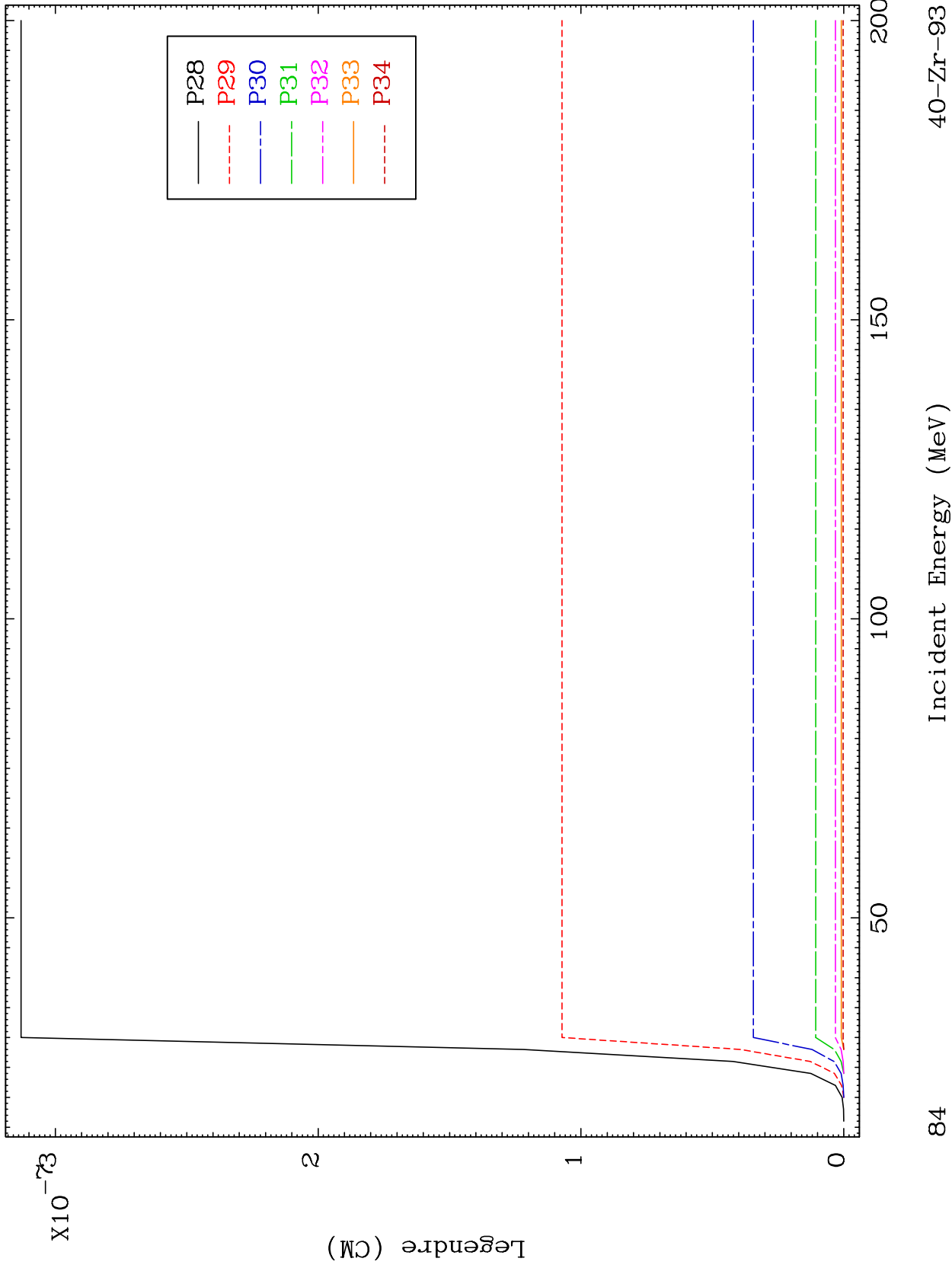
40-Zr-93

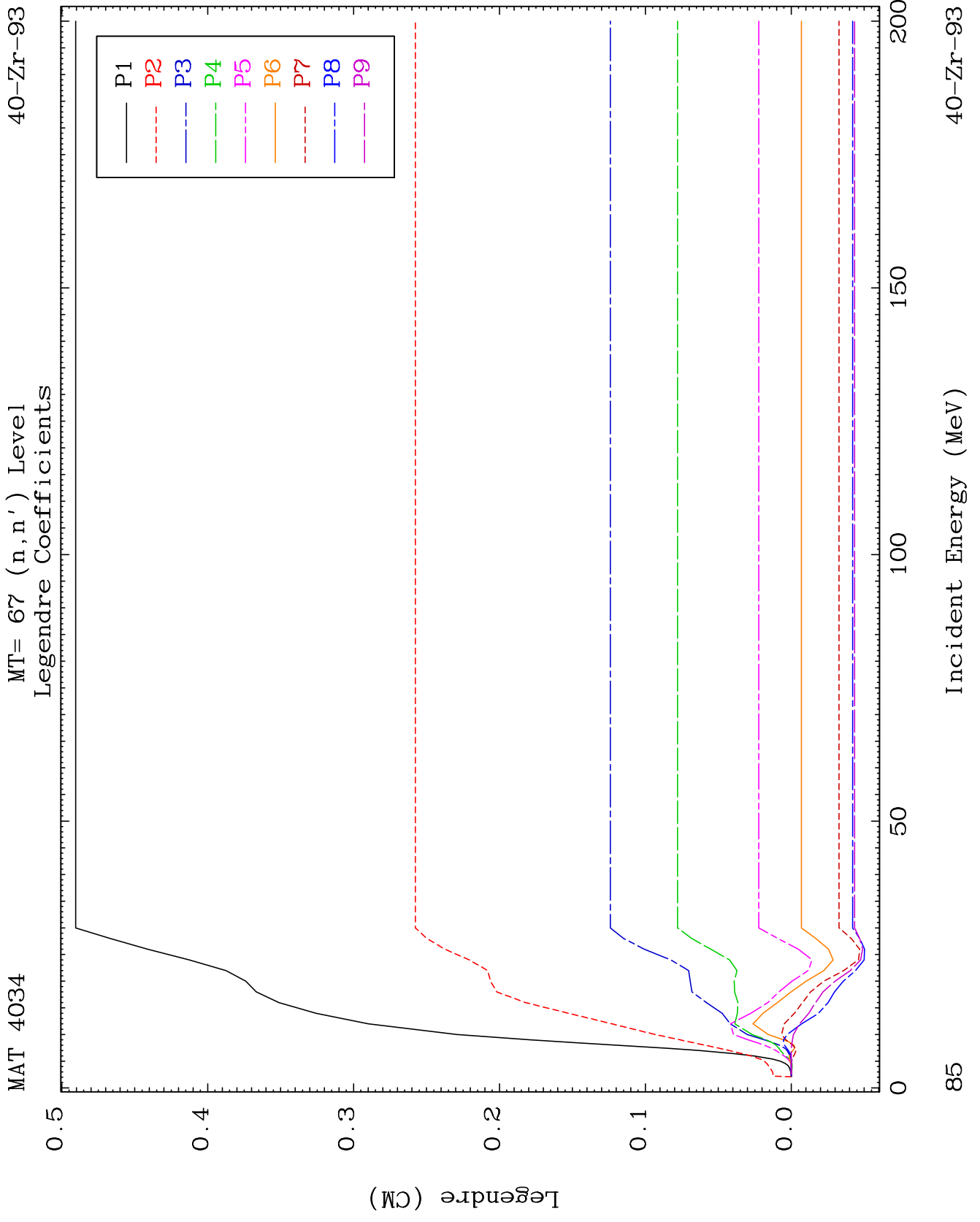


MAT 4034

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

40-Zr-93

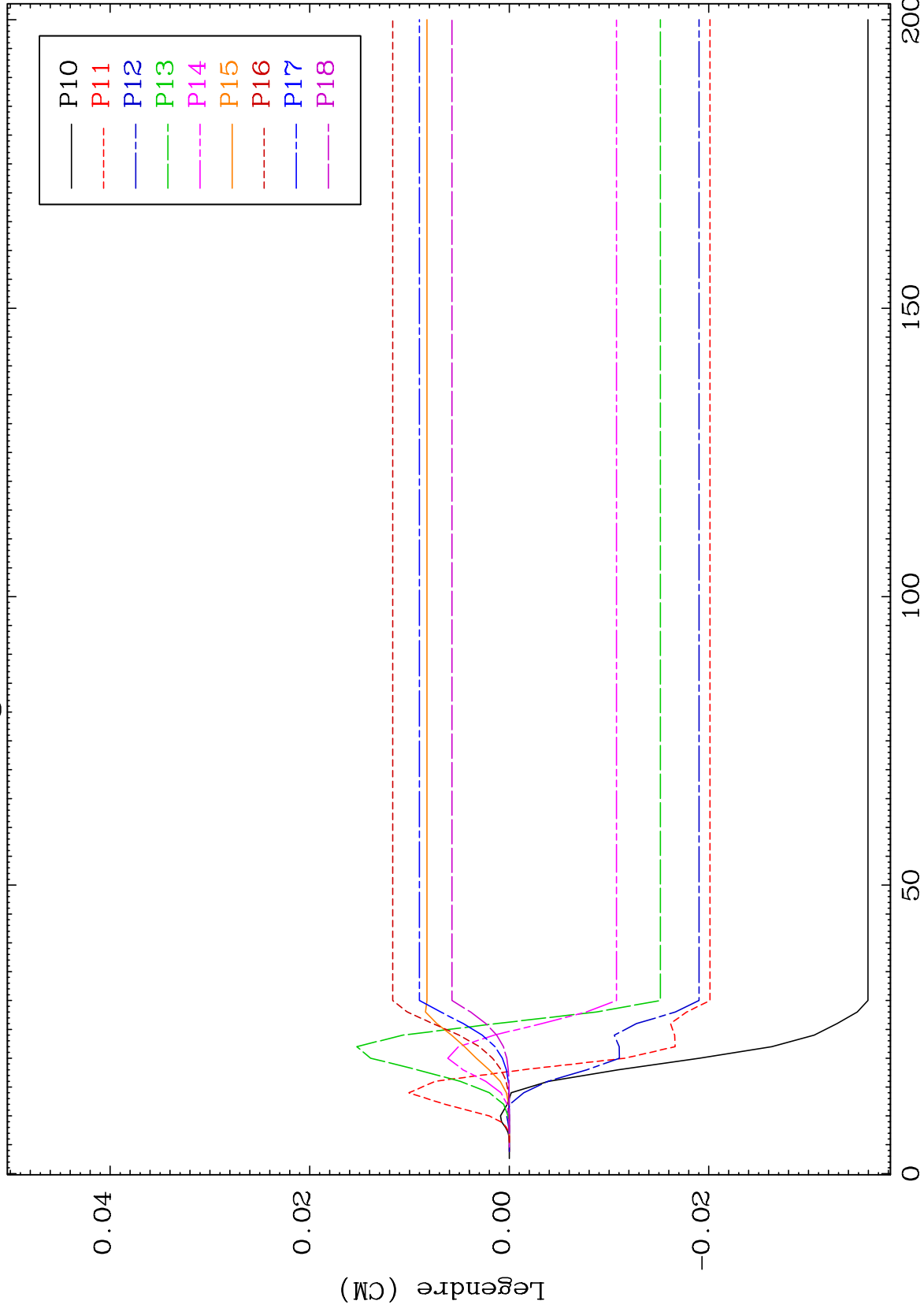




MAT 4034

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

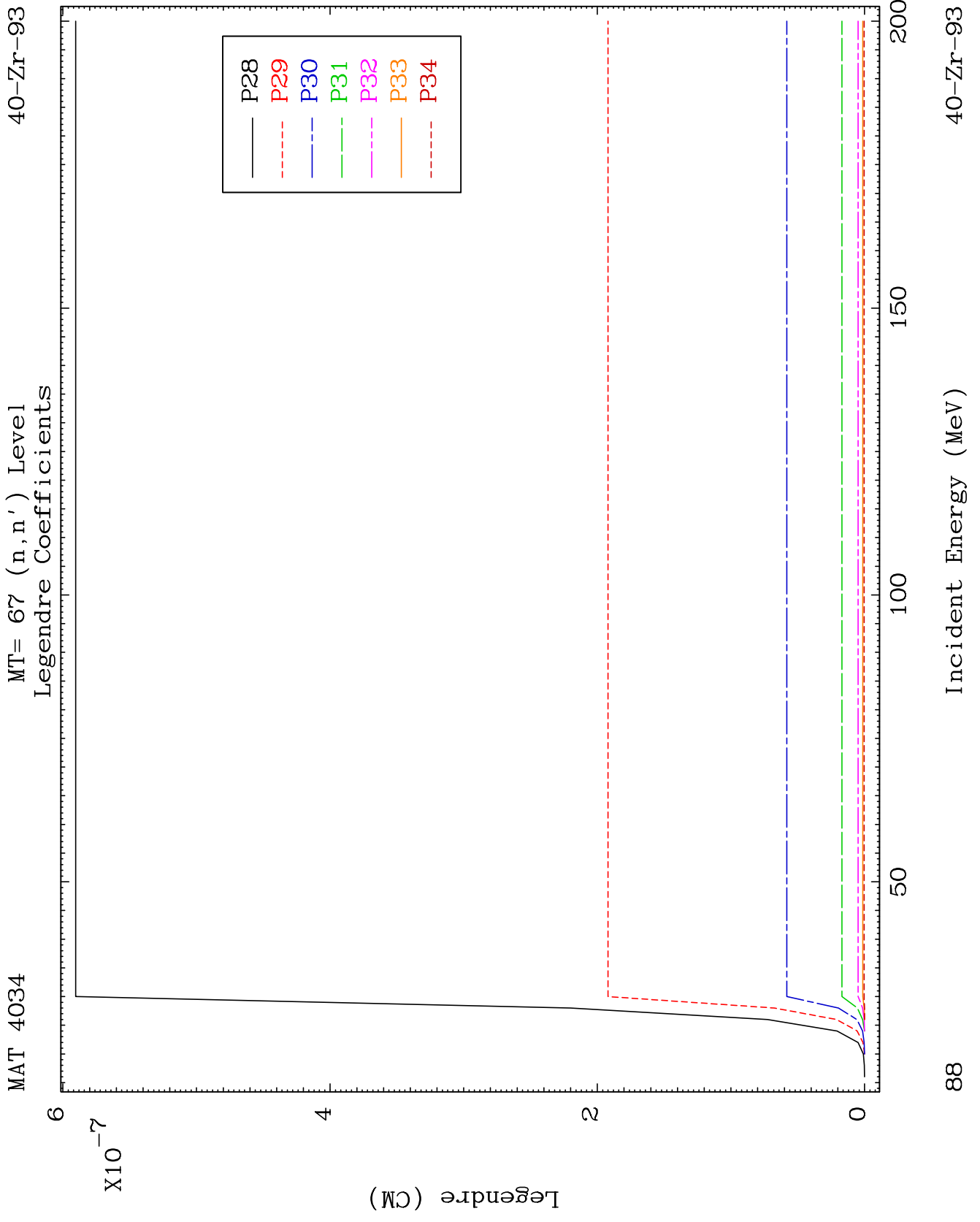
40-Zr-93

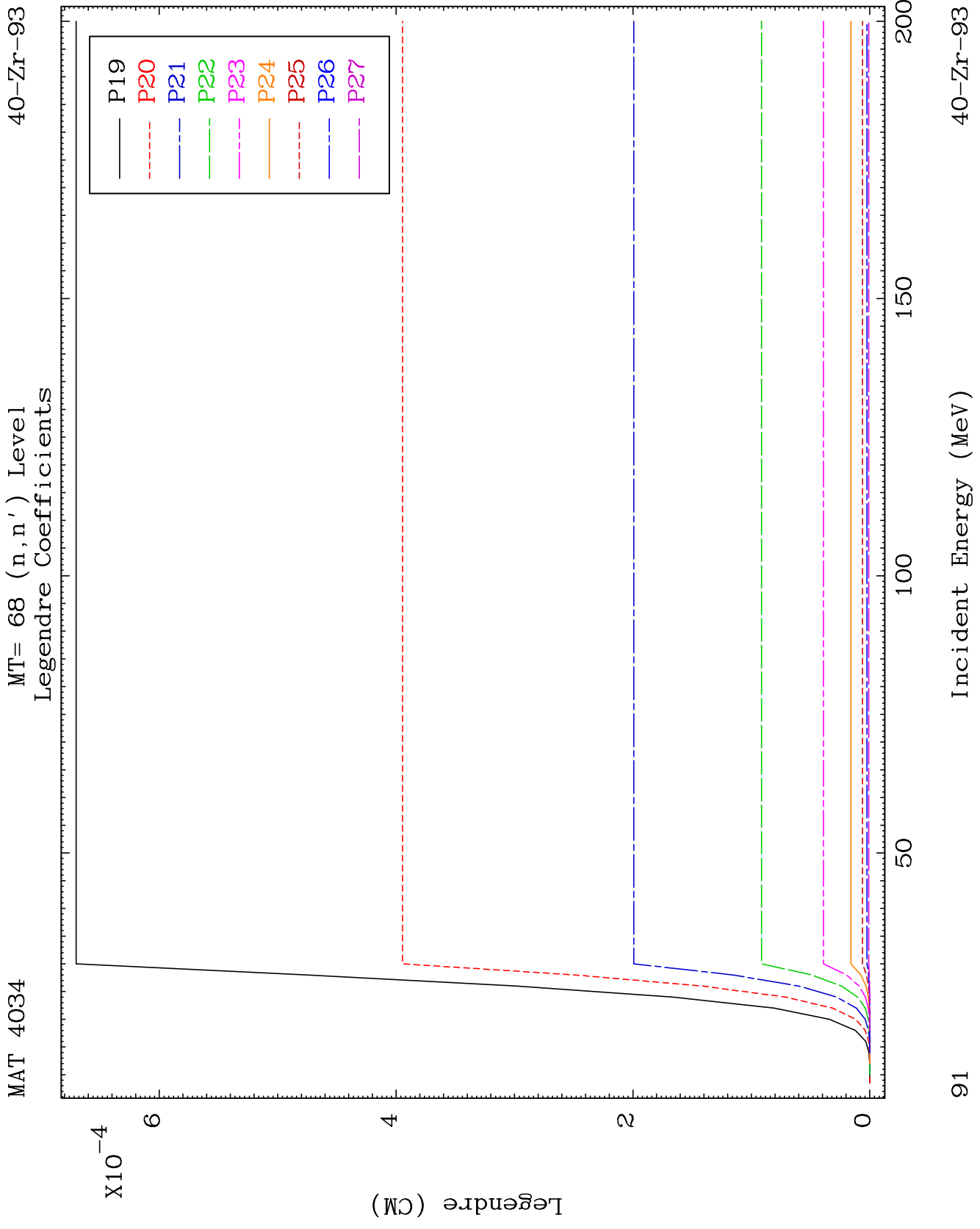


86

Incident Energy (MeV)

40-Zr-93

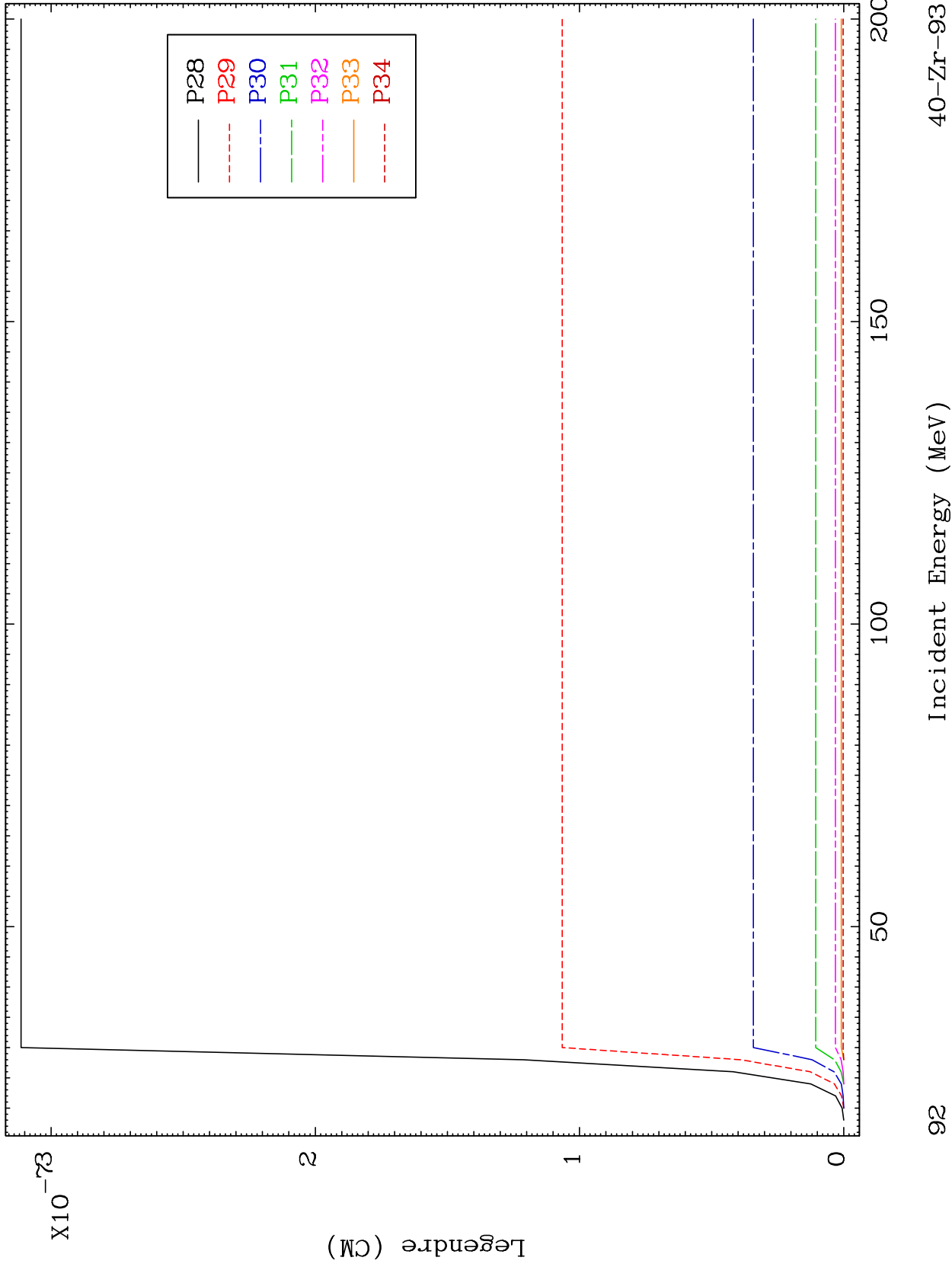




MAT 4034

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

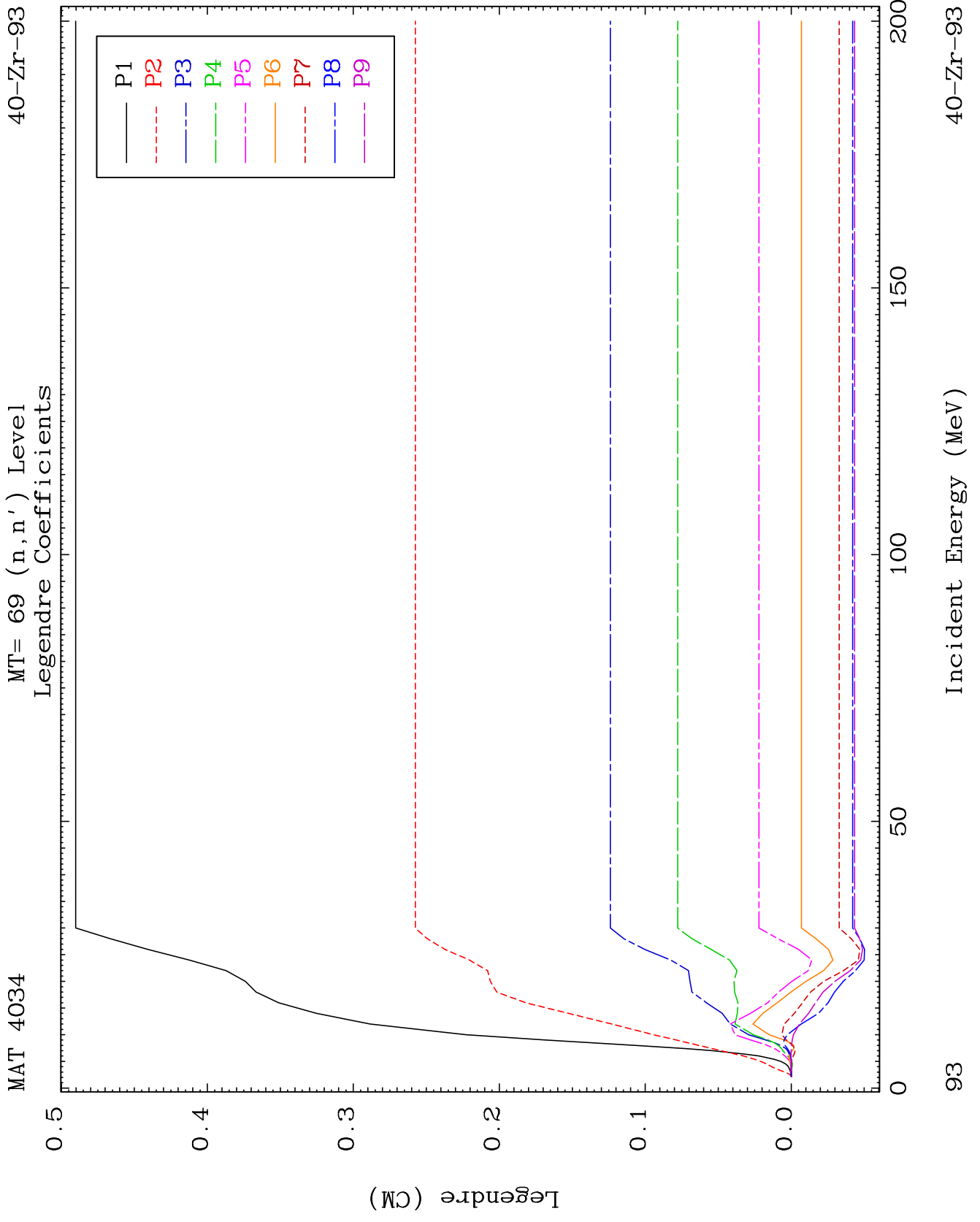
40-Zr-93



92

Incident Energy (MeV)

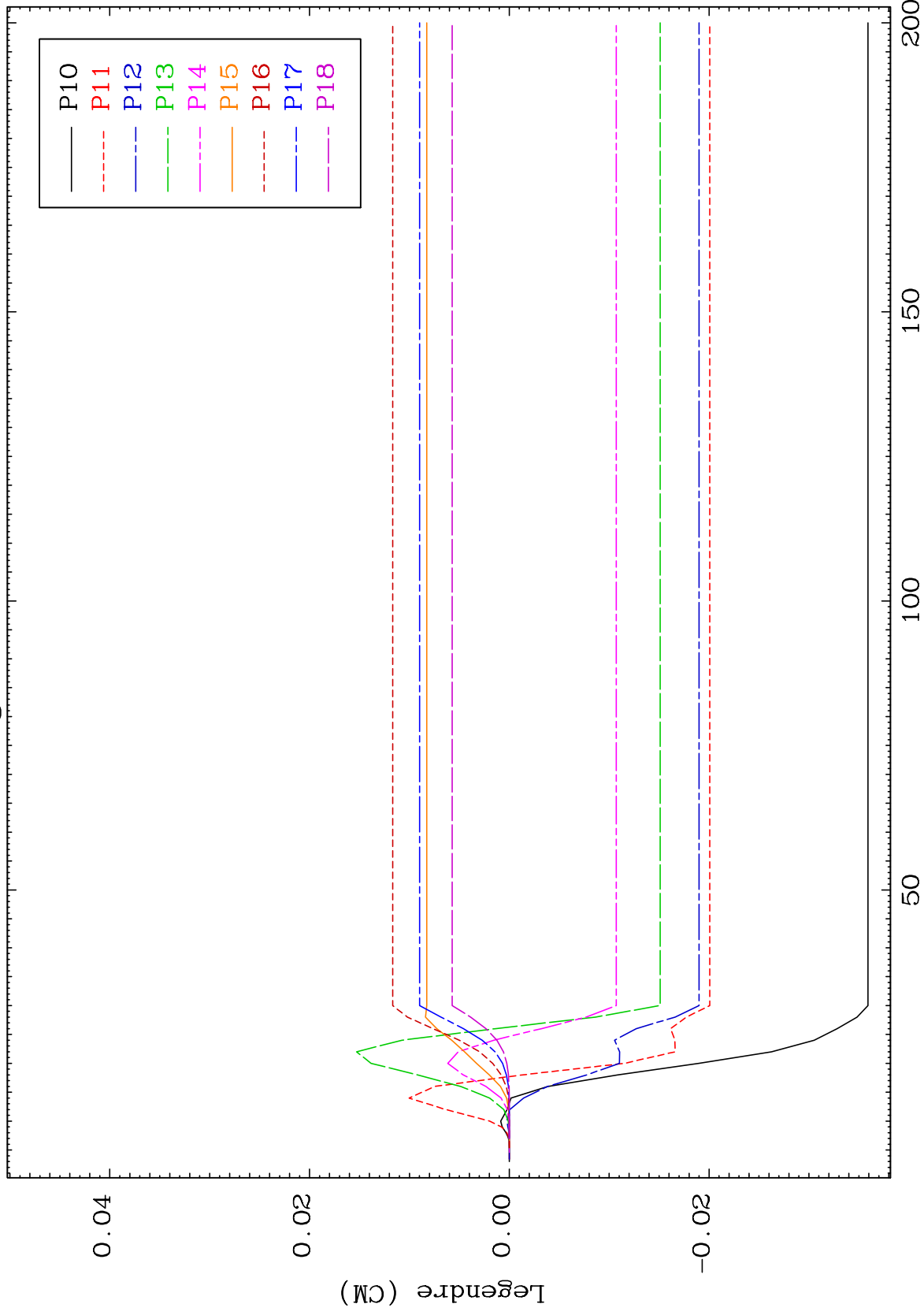
40-Zr-93



MAT 4034

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

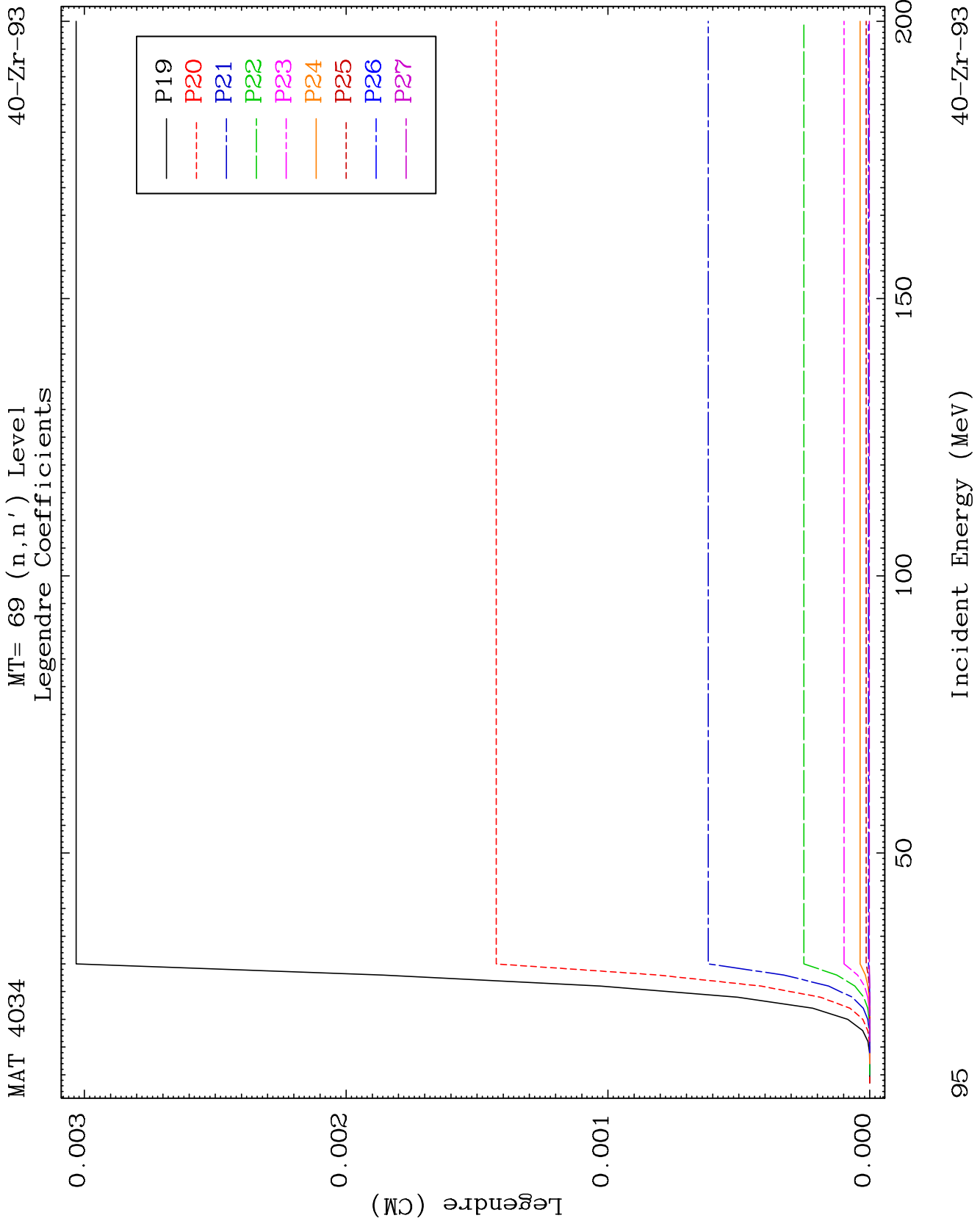
40-Zr-93



94

Incident Energy (MeV)

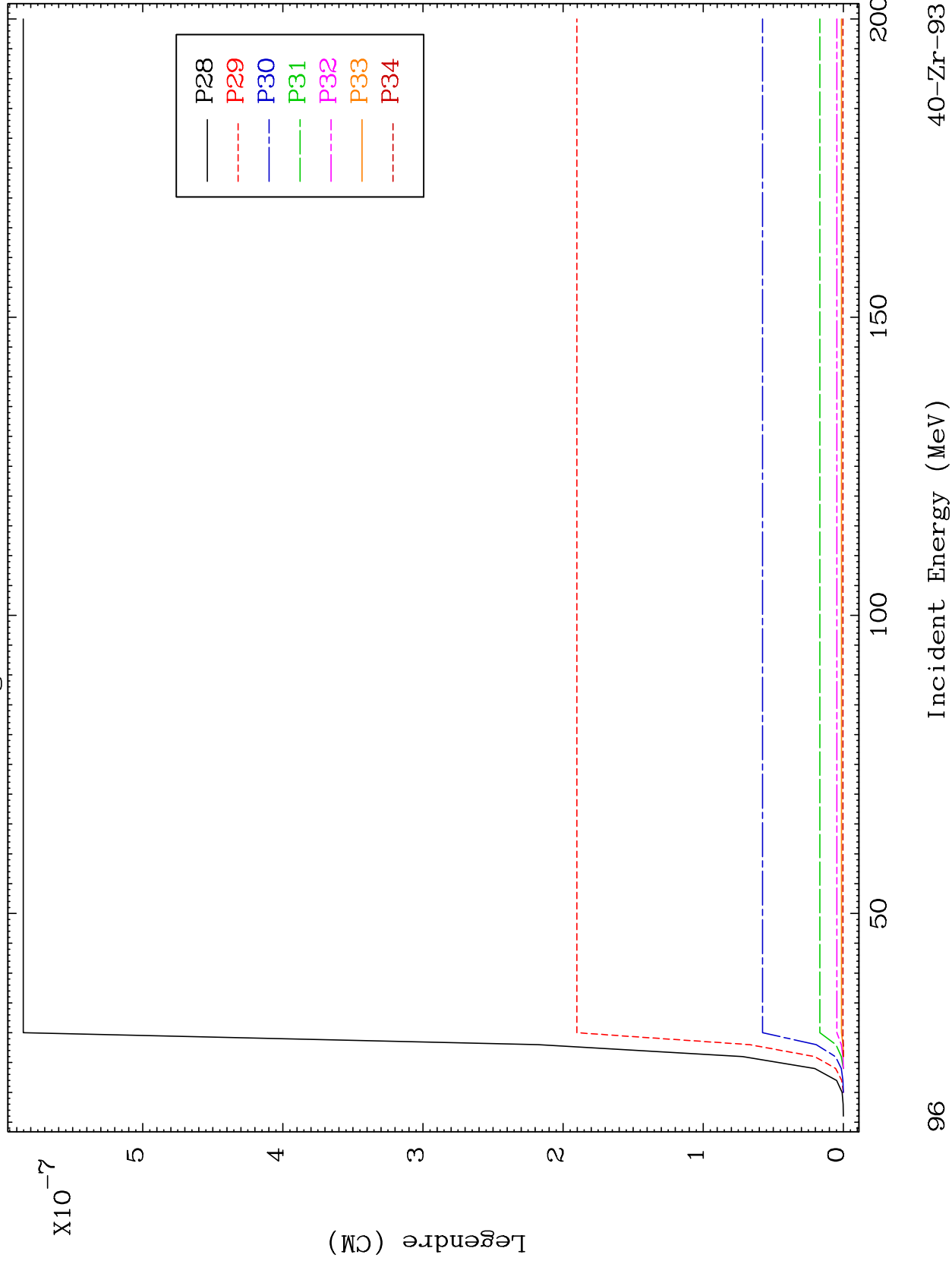
40-Zr-93



MAT 4034

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

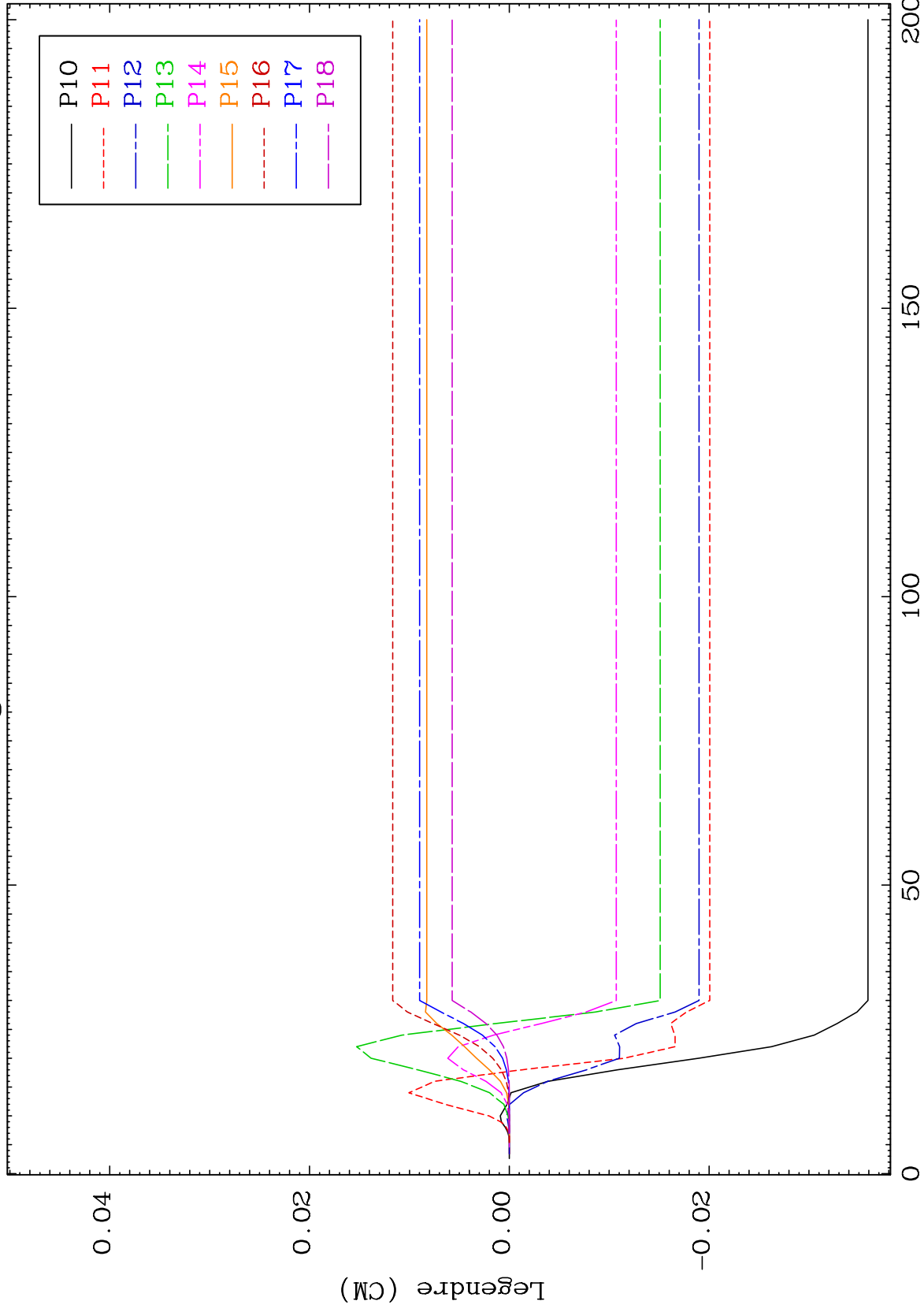
40-Zr-93



MAT 4034

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

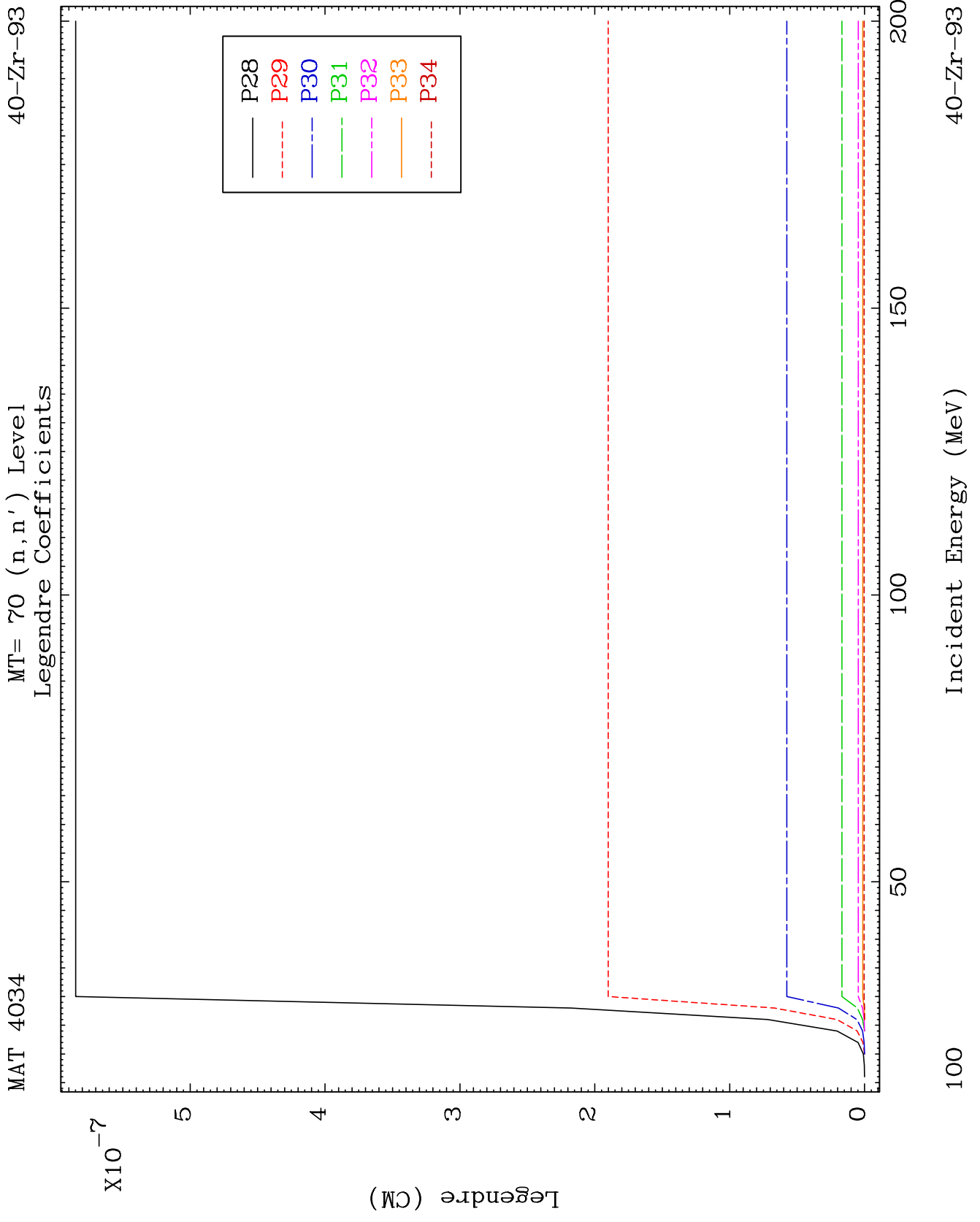
40-Zr-93

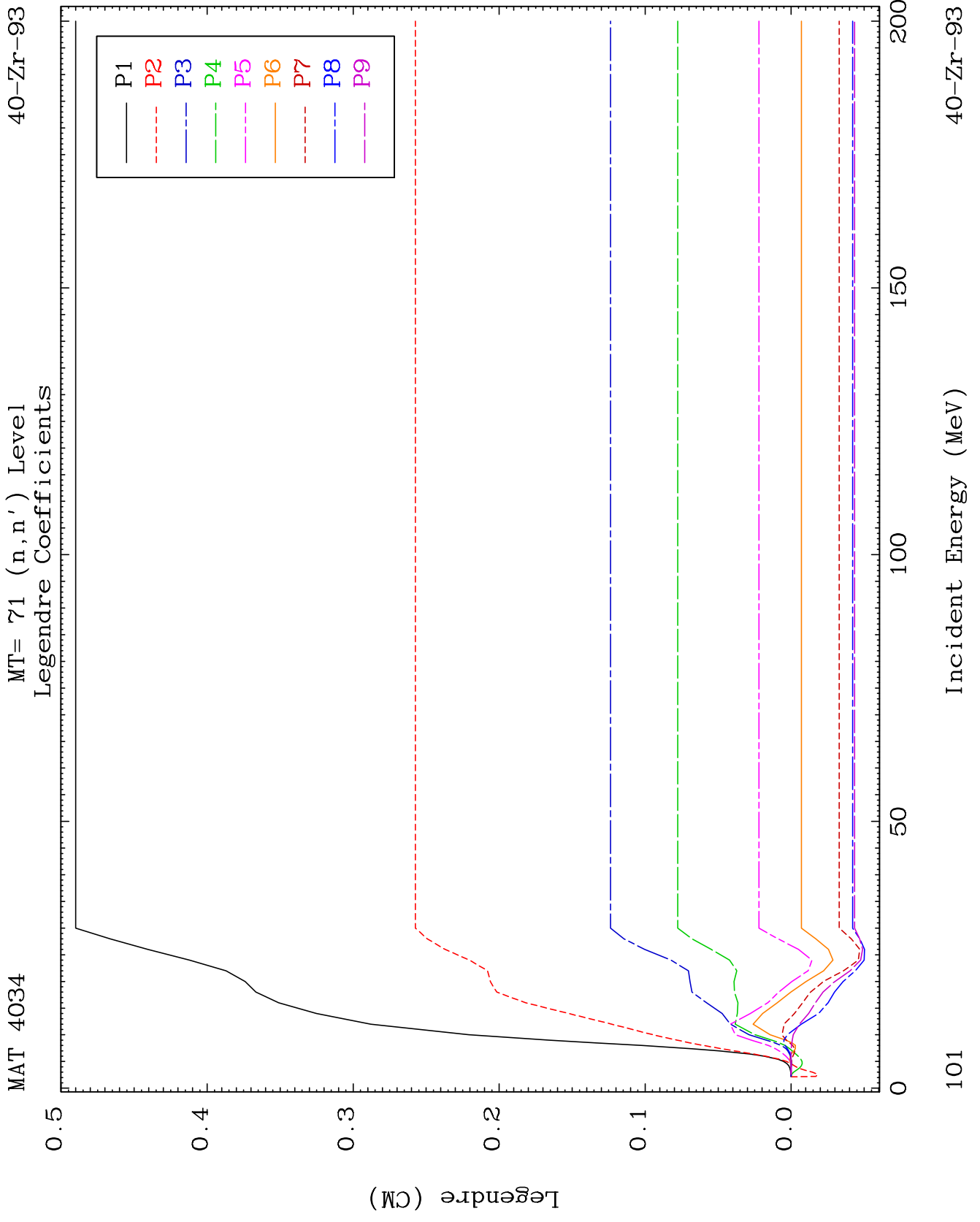


98

Incident Energy (MeV)

40-Zr-93

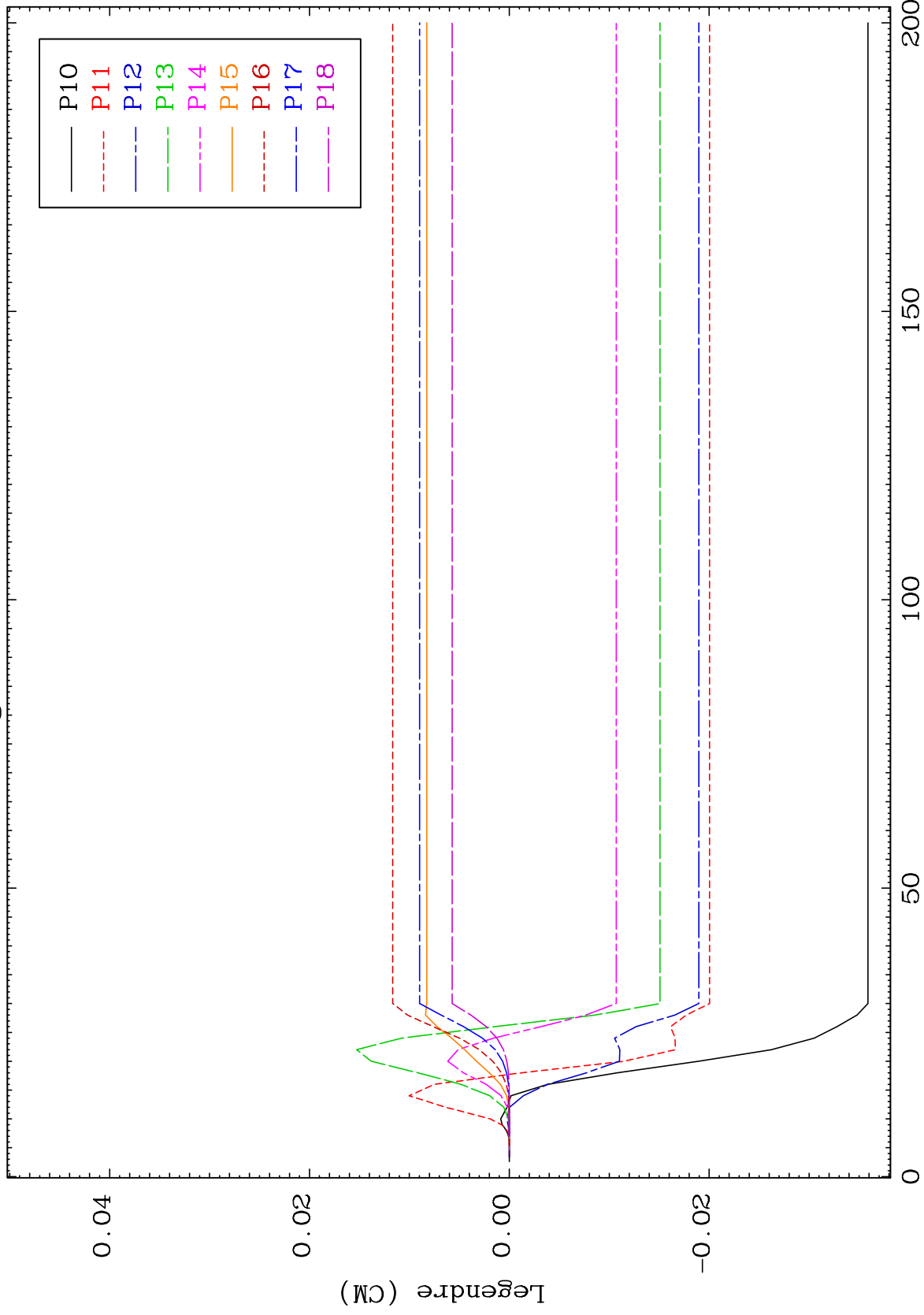




MAT 4034

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

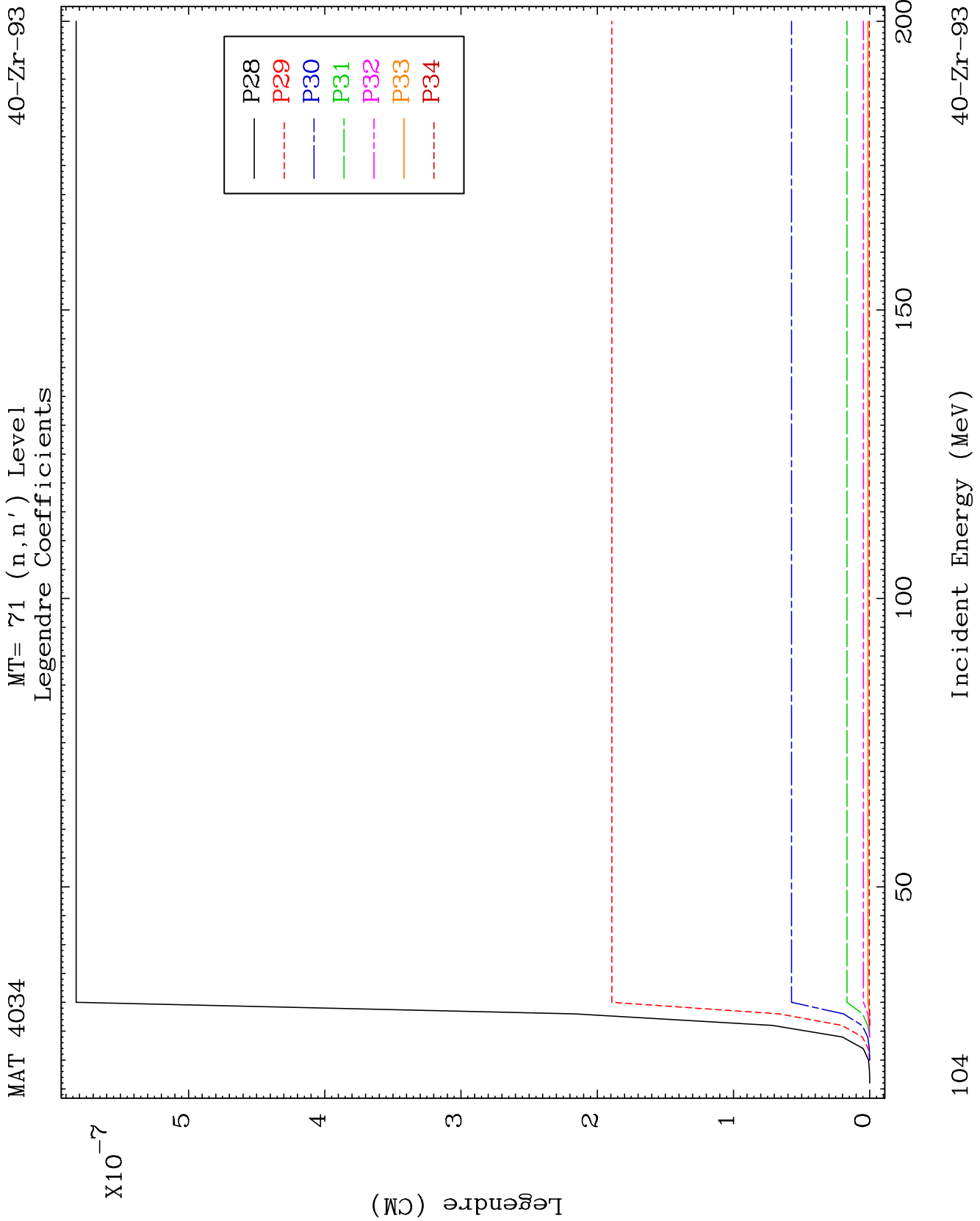
40-Zr-93

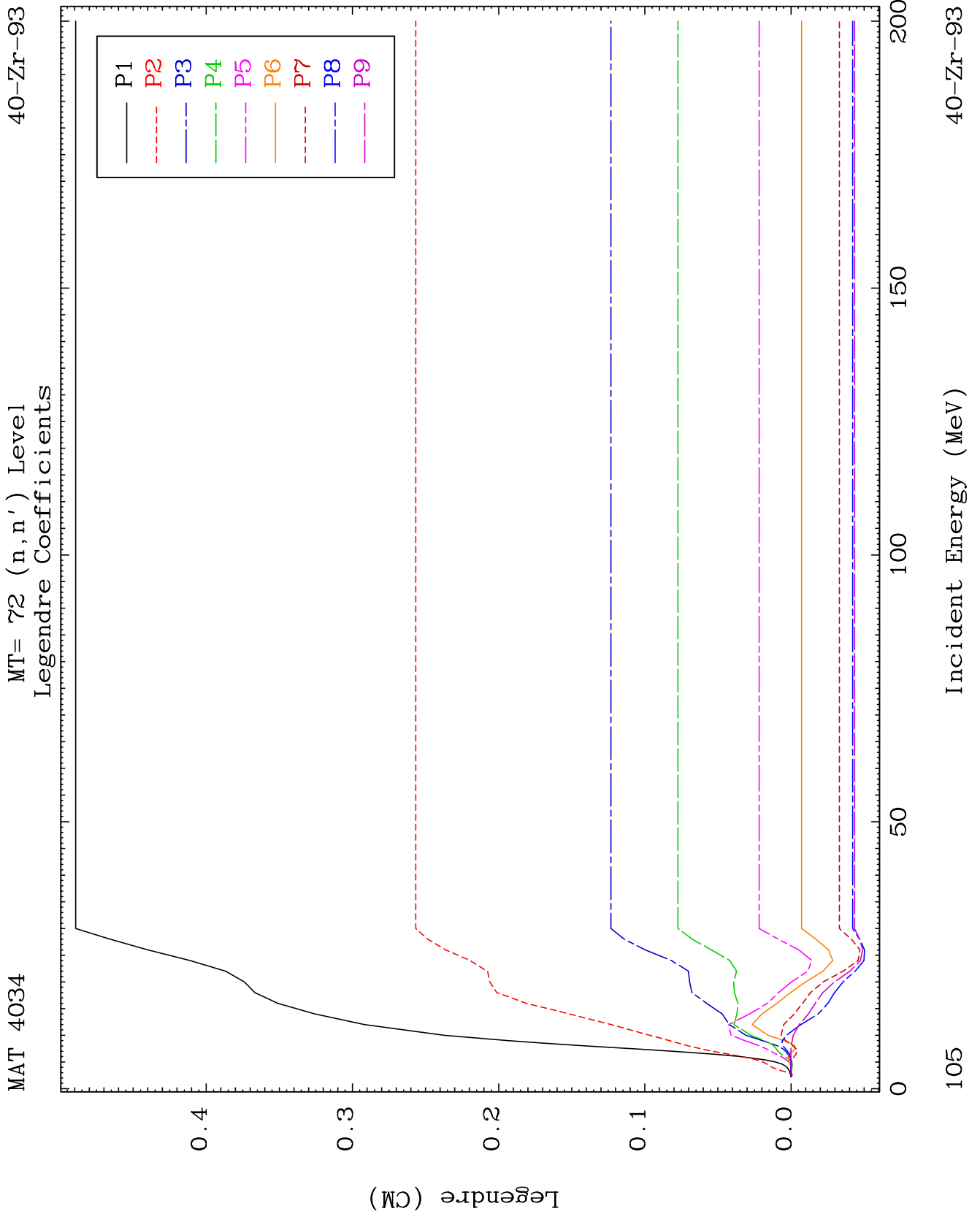


102

Incident Energy (MeV)

40-Zr-93

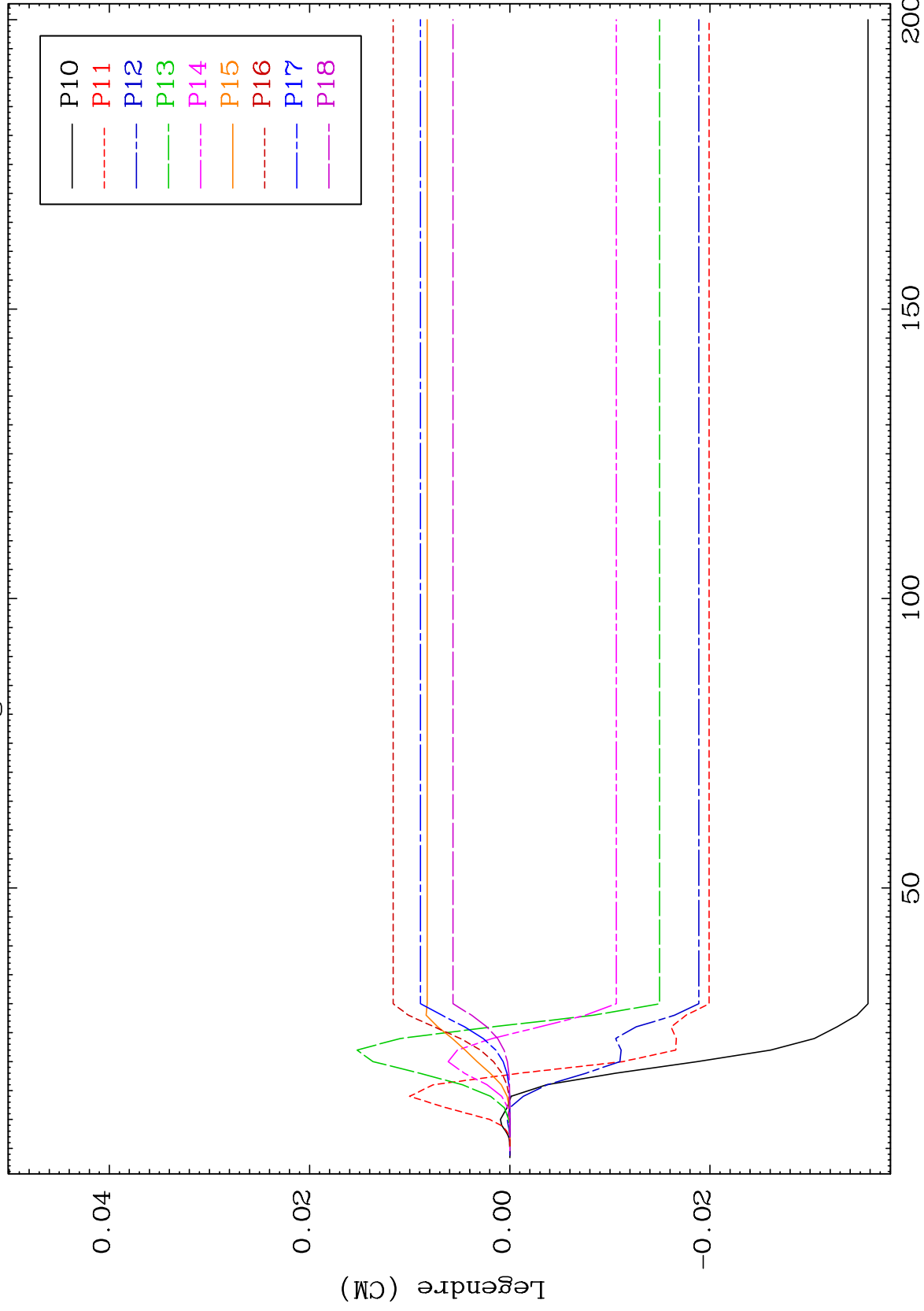




MAT 4034

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

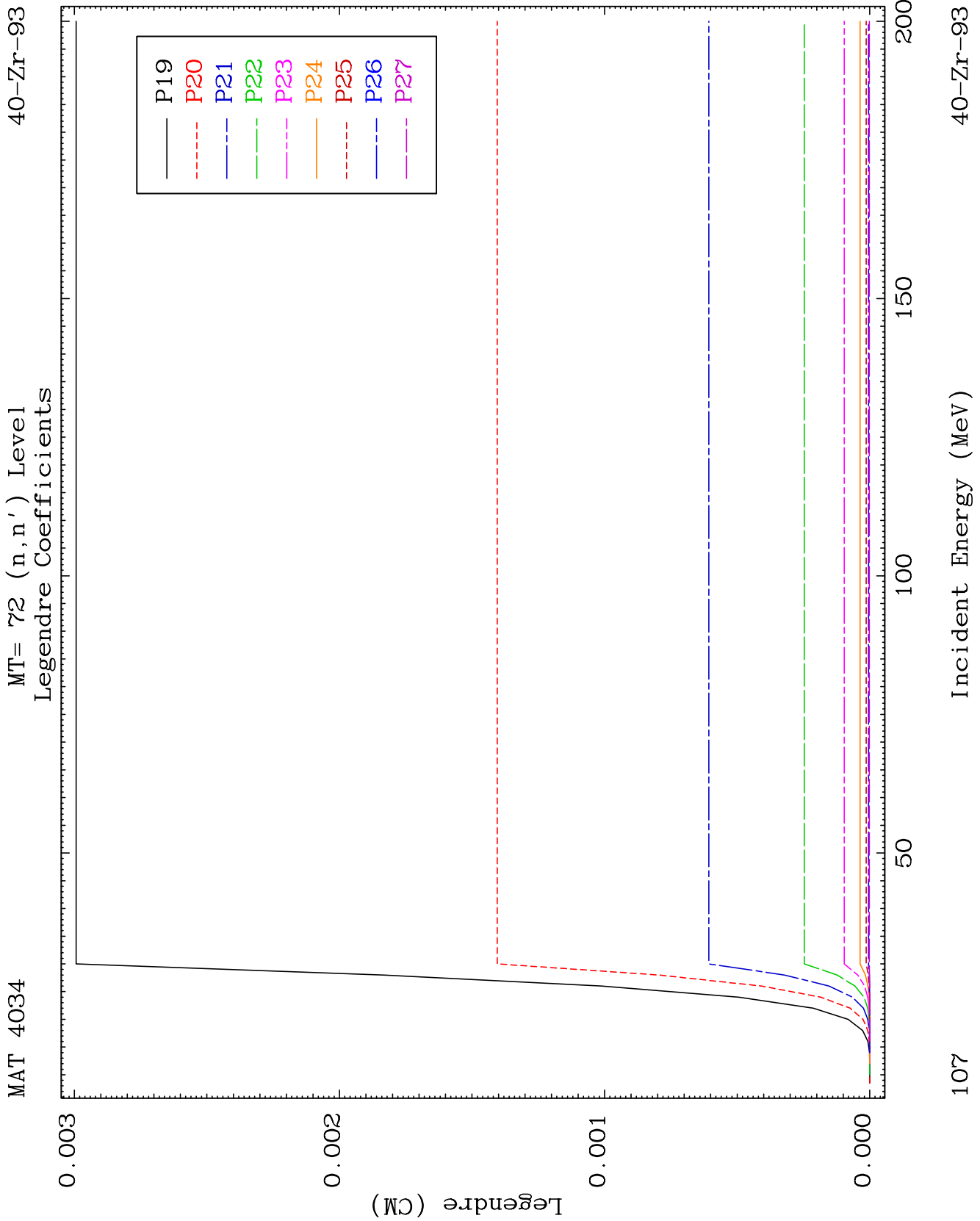
40-Zr-93



106

Incident Energy (MeV)

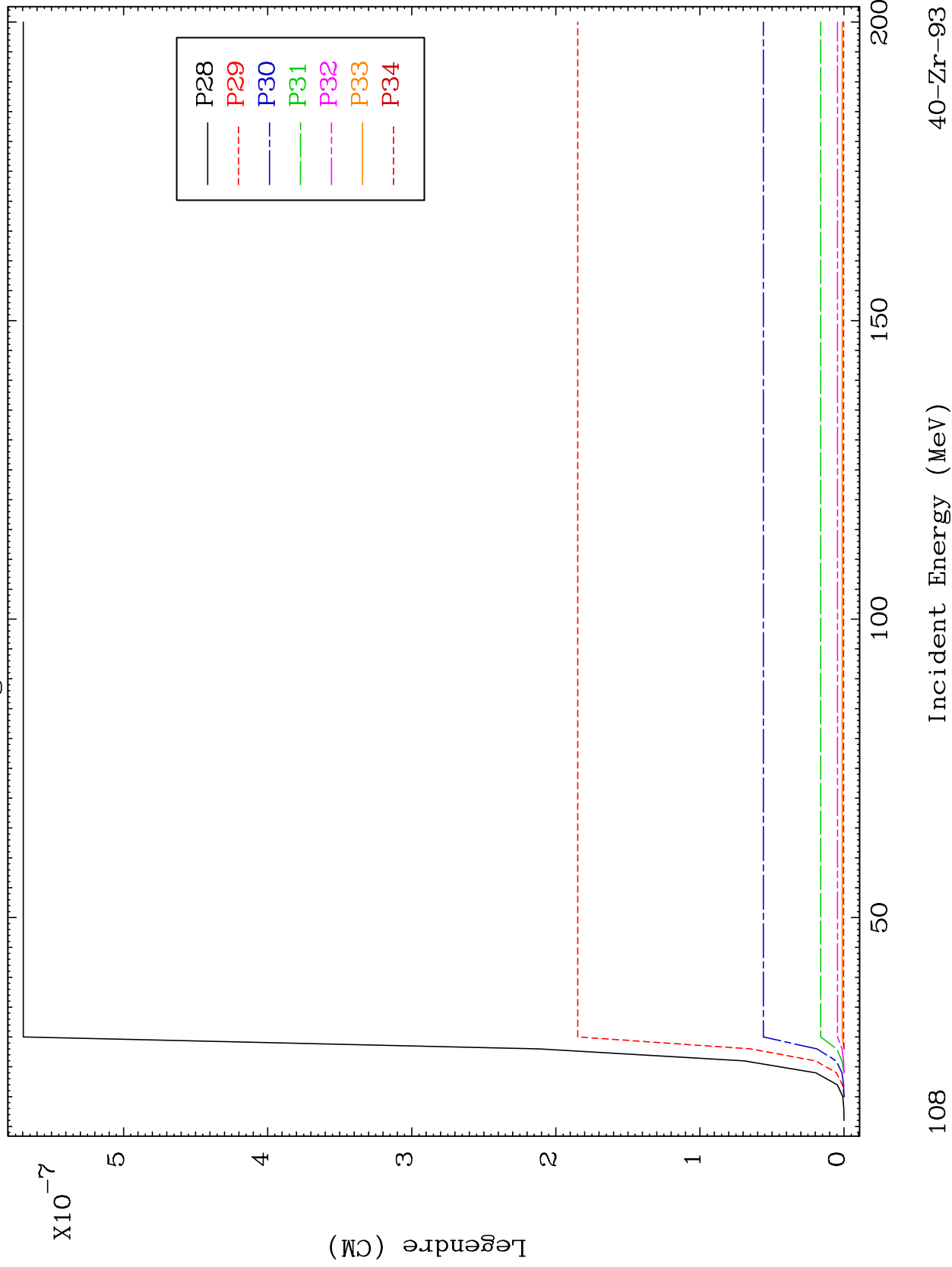
40-Zr-93



MAT 4034

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

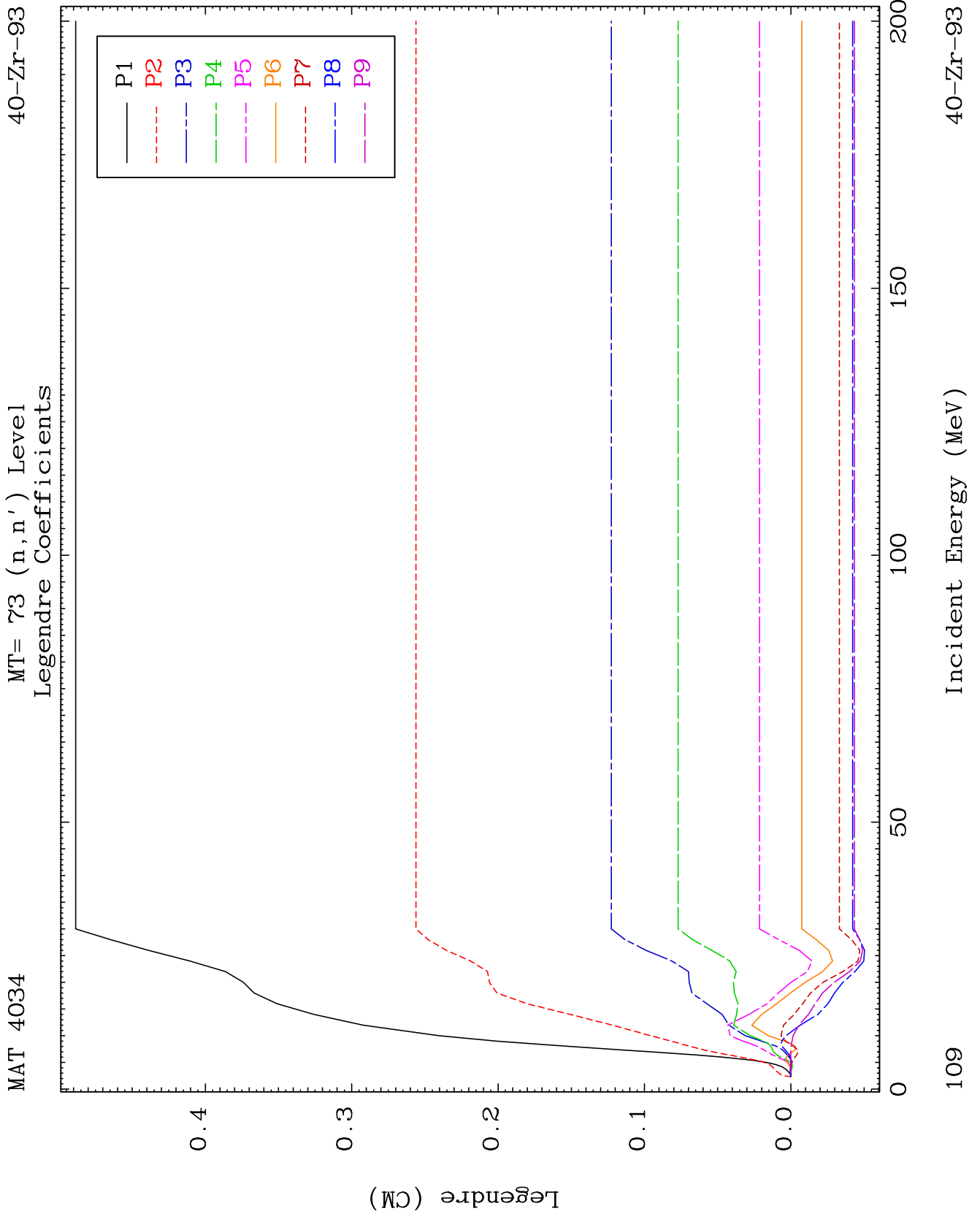
40-Zr-93

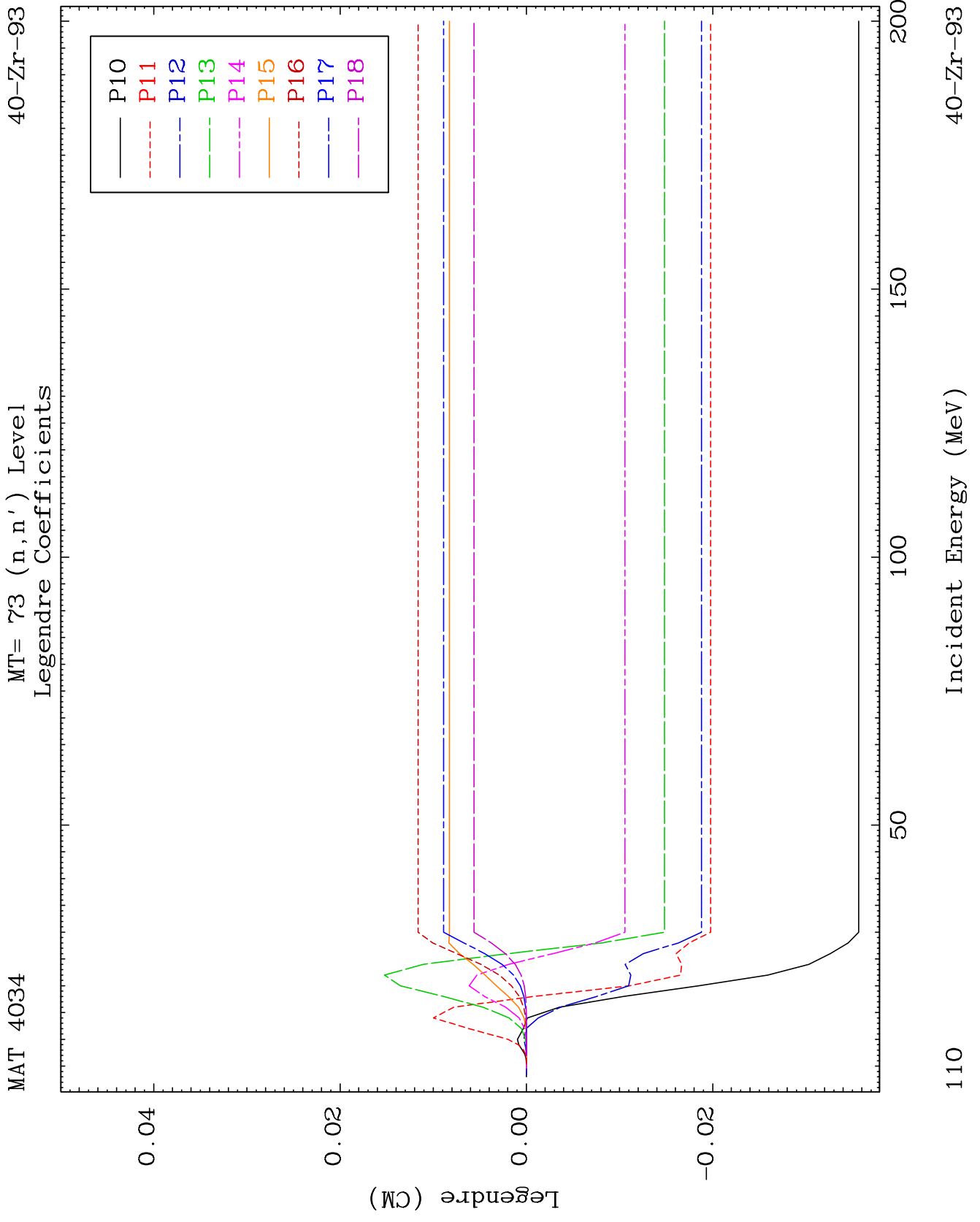


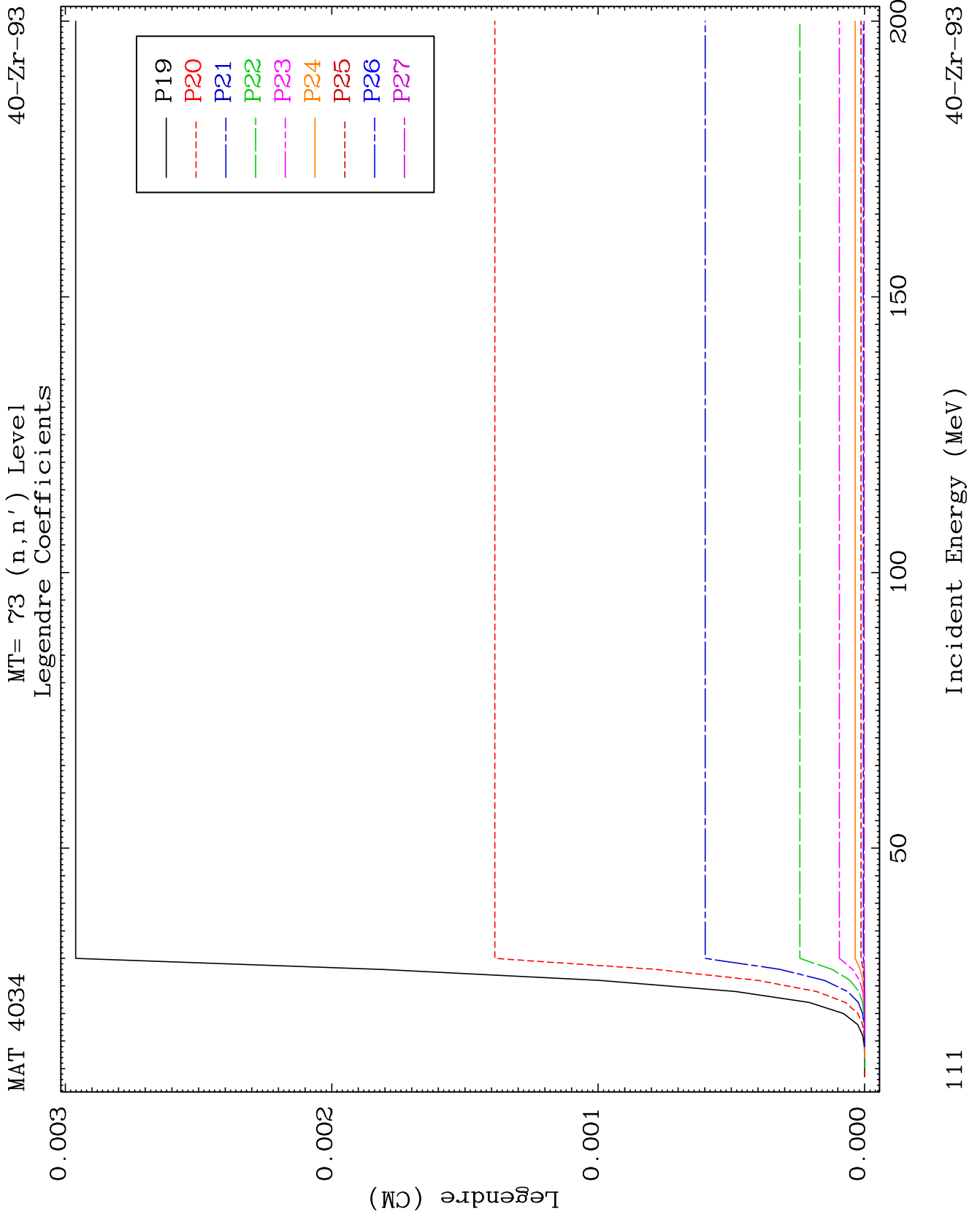
108

Incident Energy (MeV)

40-Zr-93



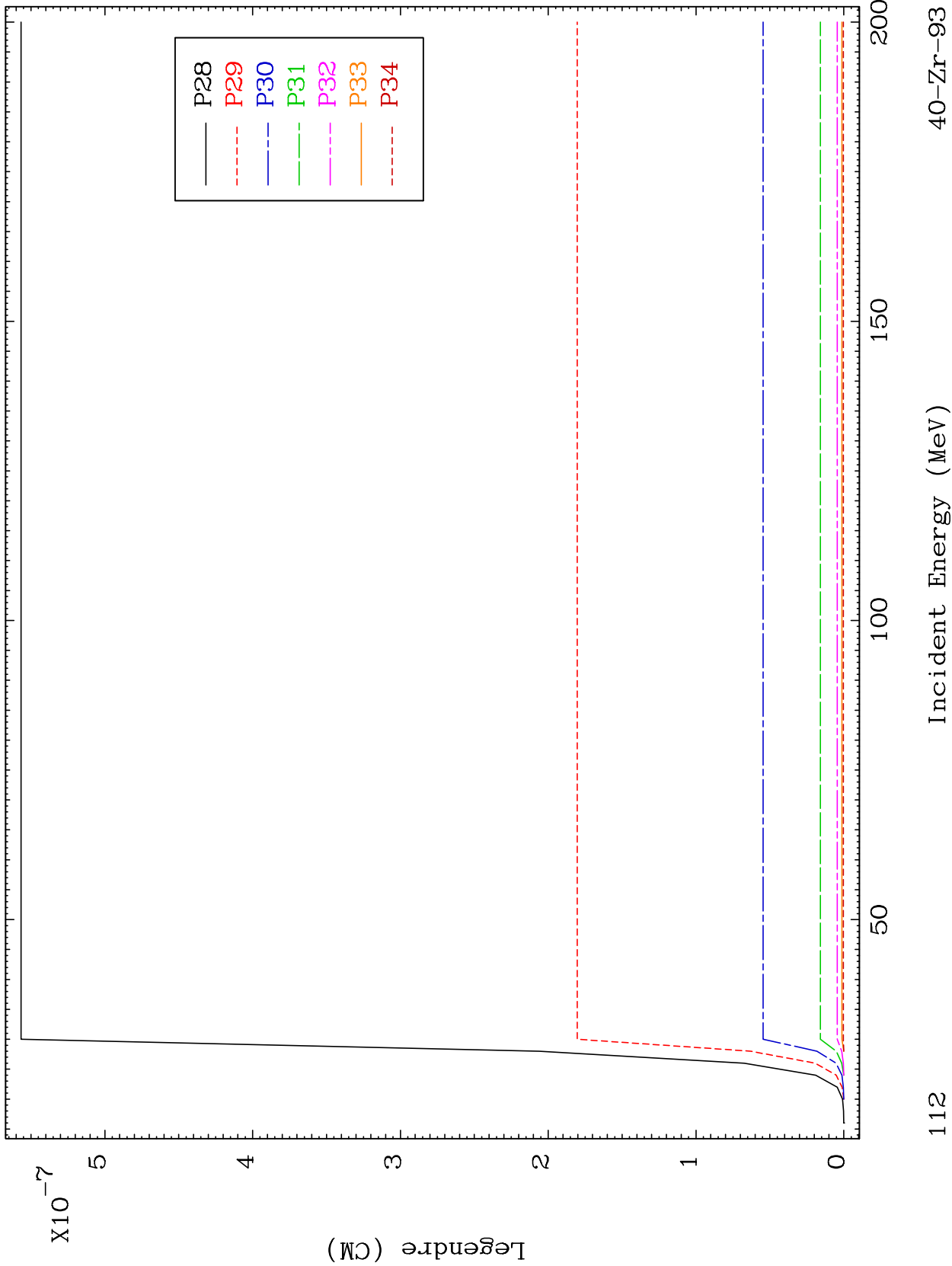




MAT 4034

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

40-Zr-93



112

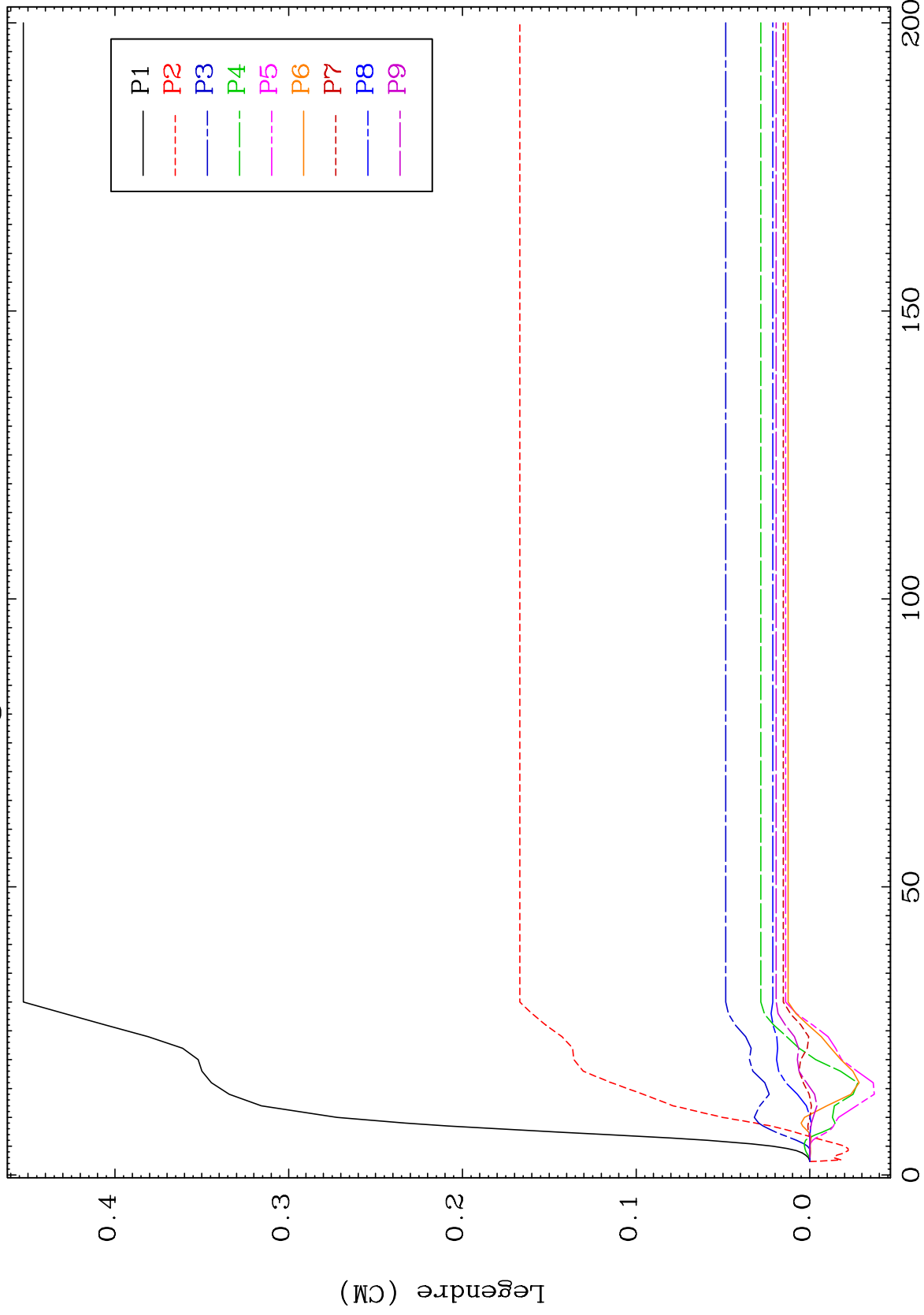
Incident Energy (MeV)

40-Zr-93

MAT 4034

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

40-Zr-93



113

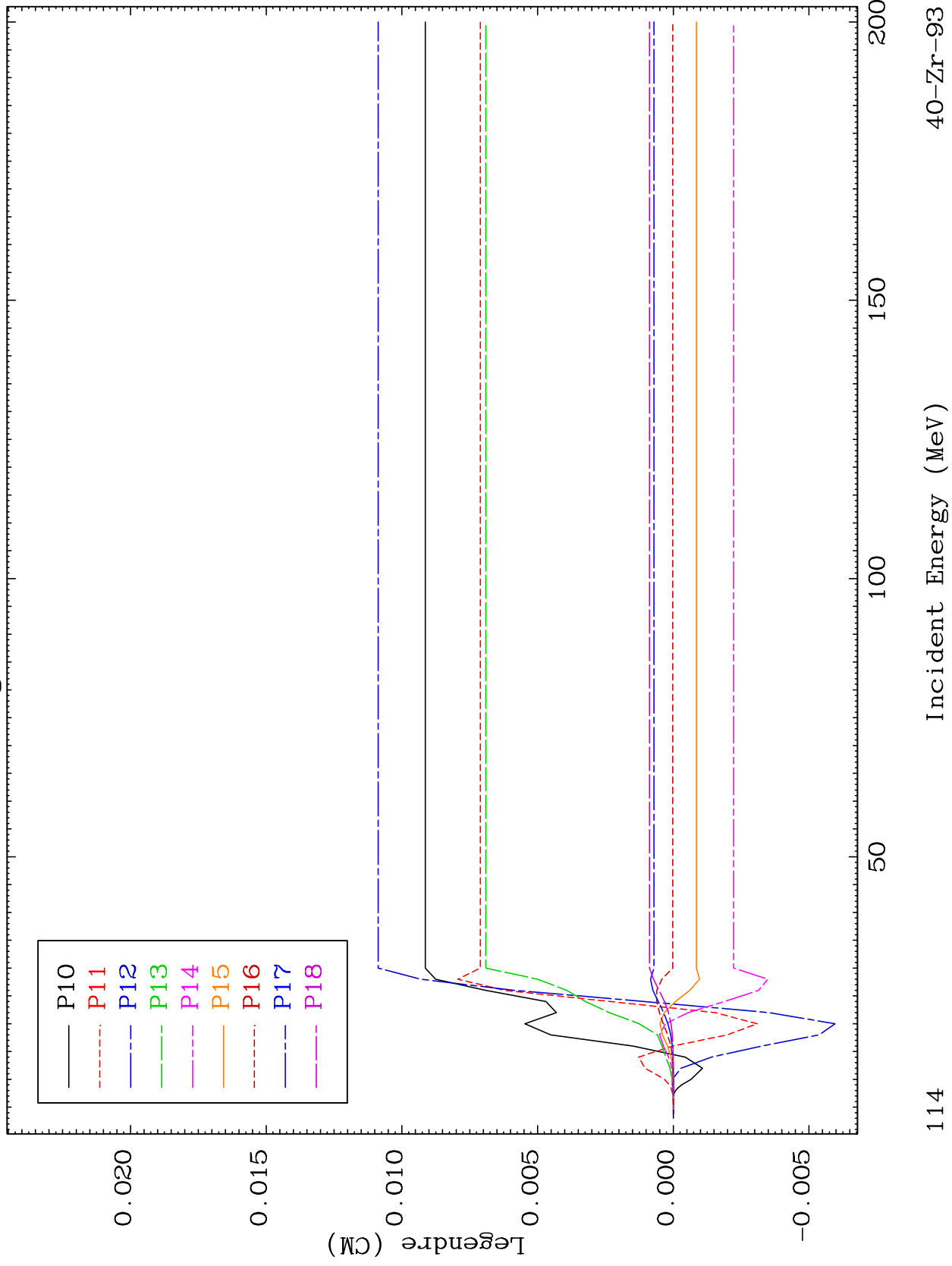
Incident Energy (MeV)

40-Zr-93

MAT 4034

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

40-Zr-93



114

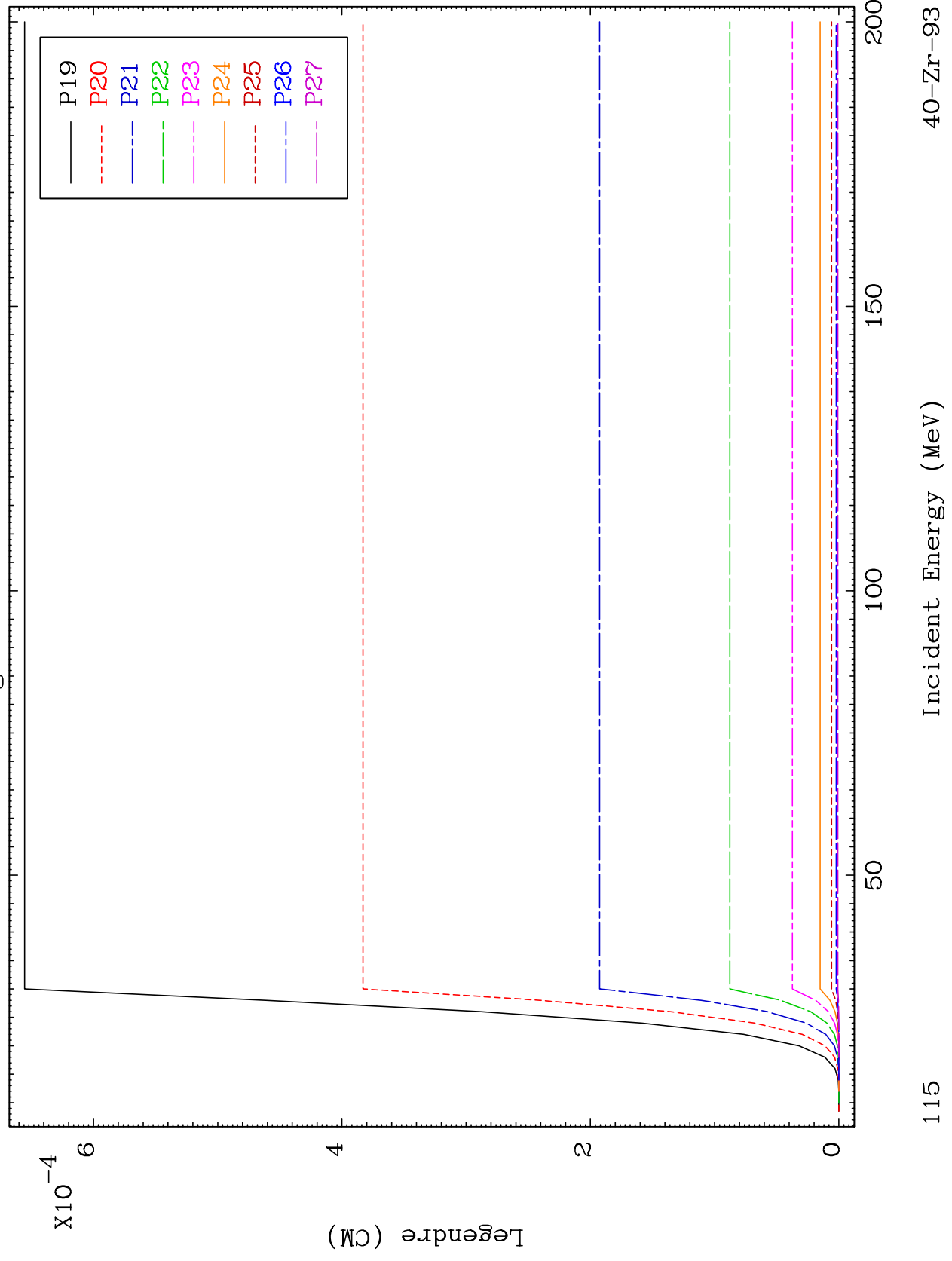
Incident Energy (MeV)

40-Zr-93

MAT 4034

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

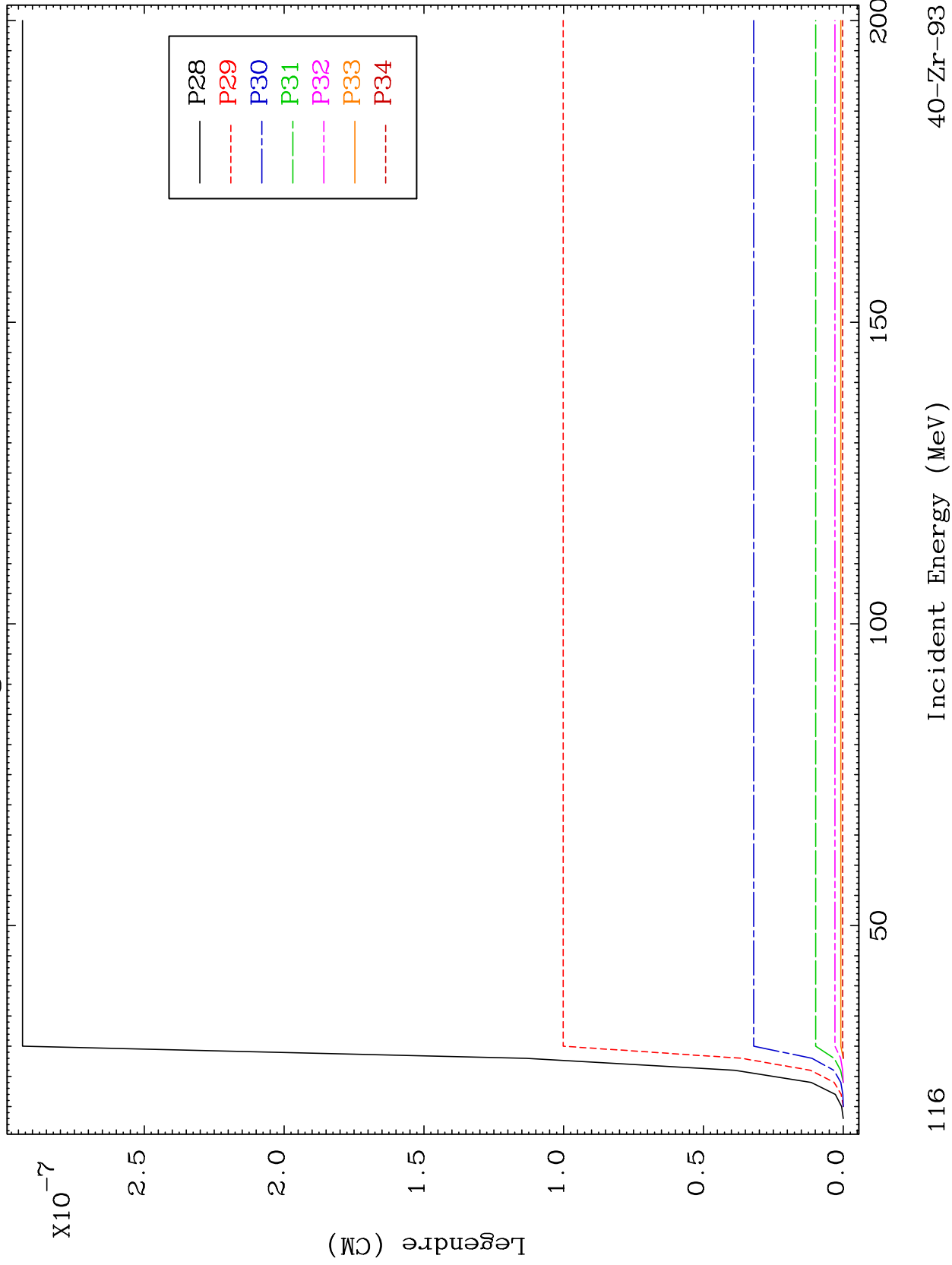
40-Zr-93



MAT 4034

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

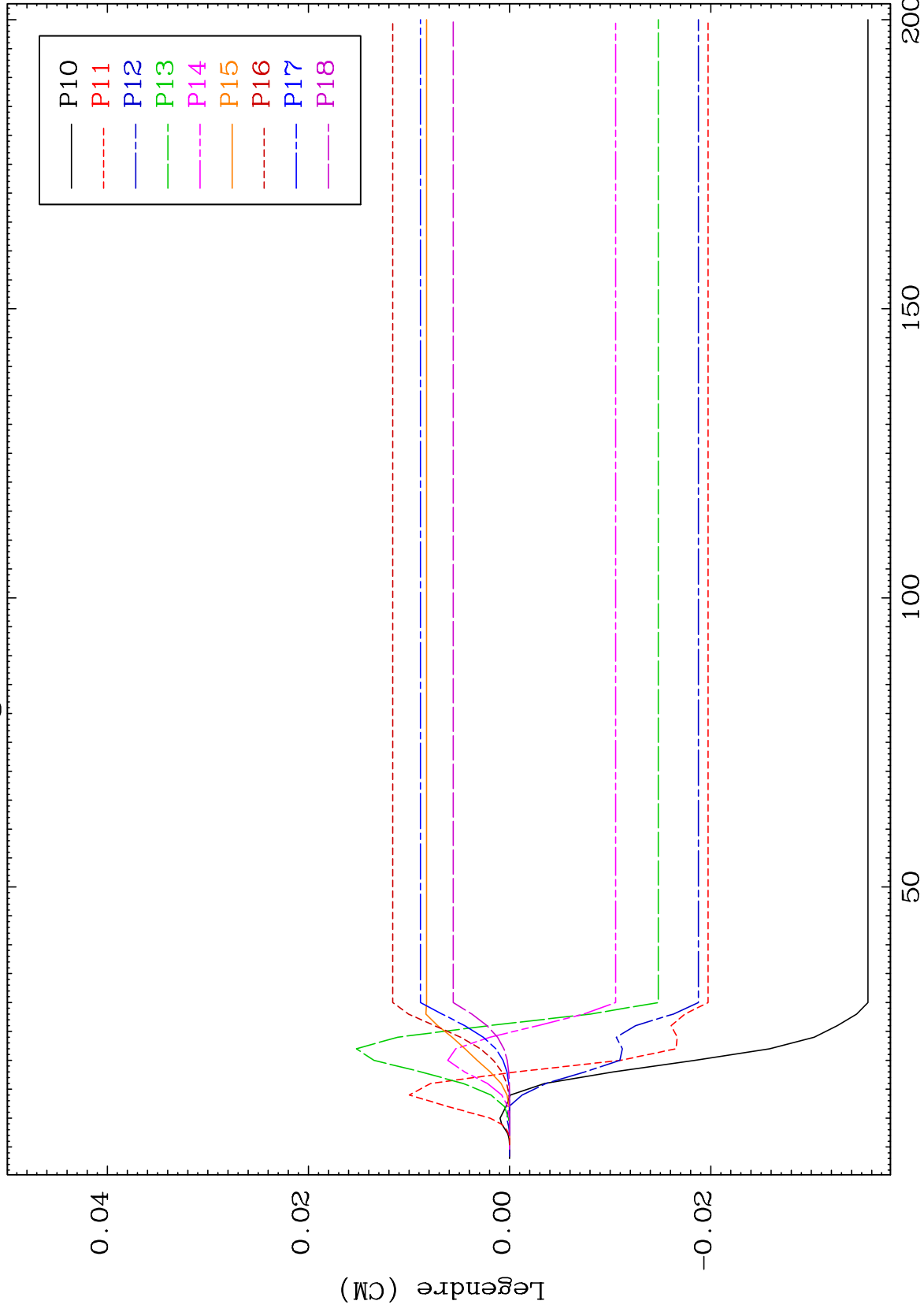
40-Zr-93



MAT 4034

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

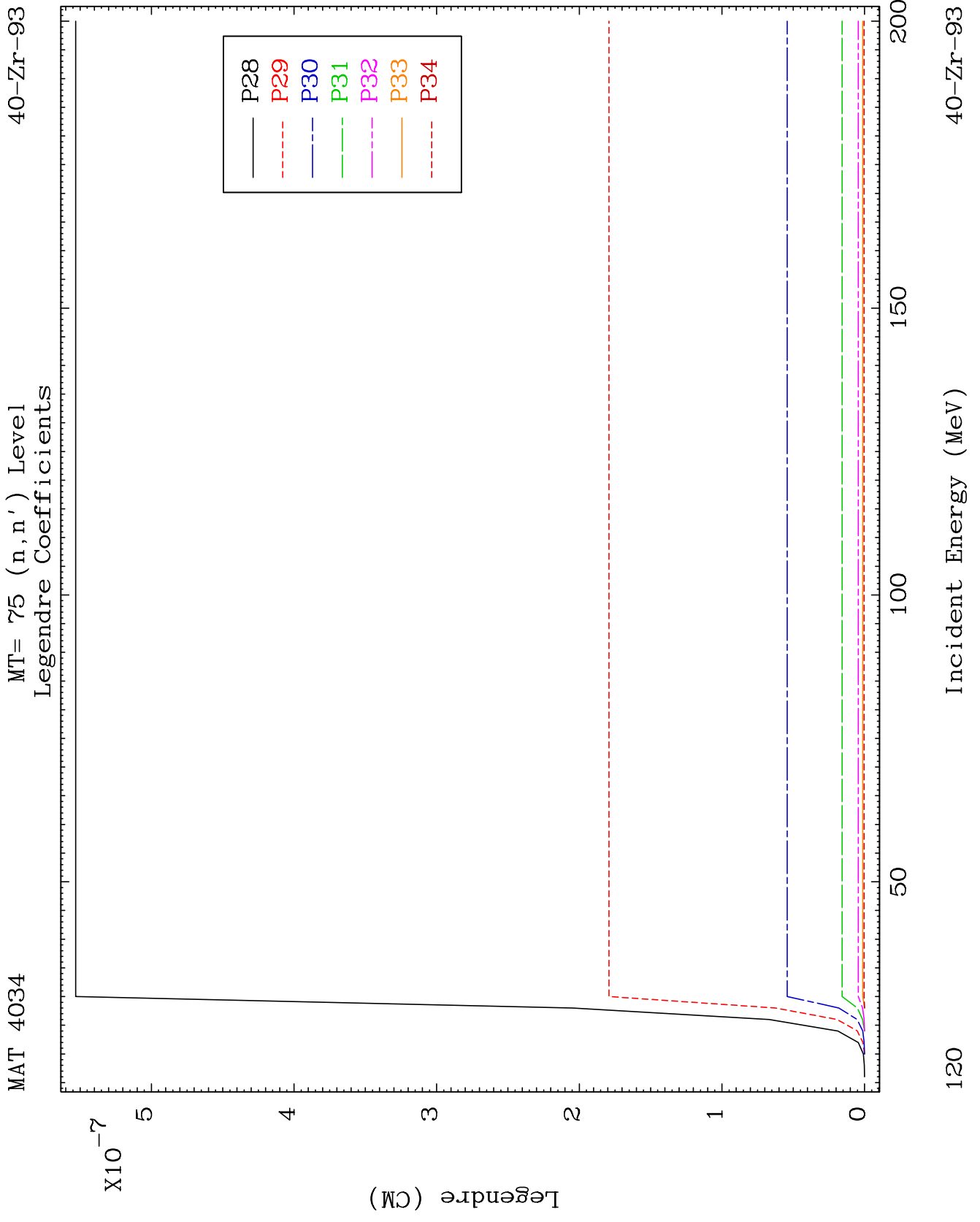
40-Zr-93



118

Incident Energy (MeV)

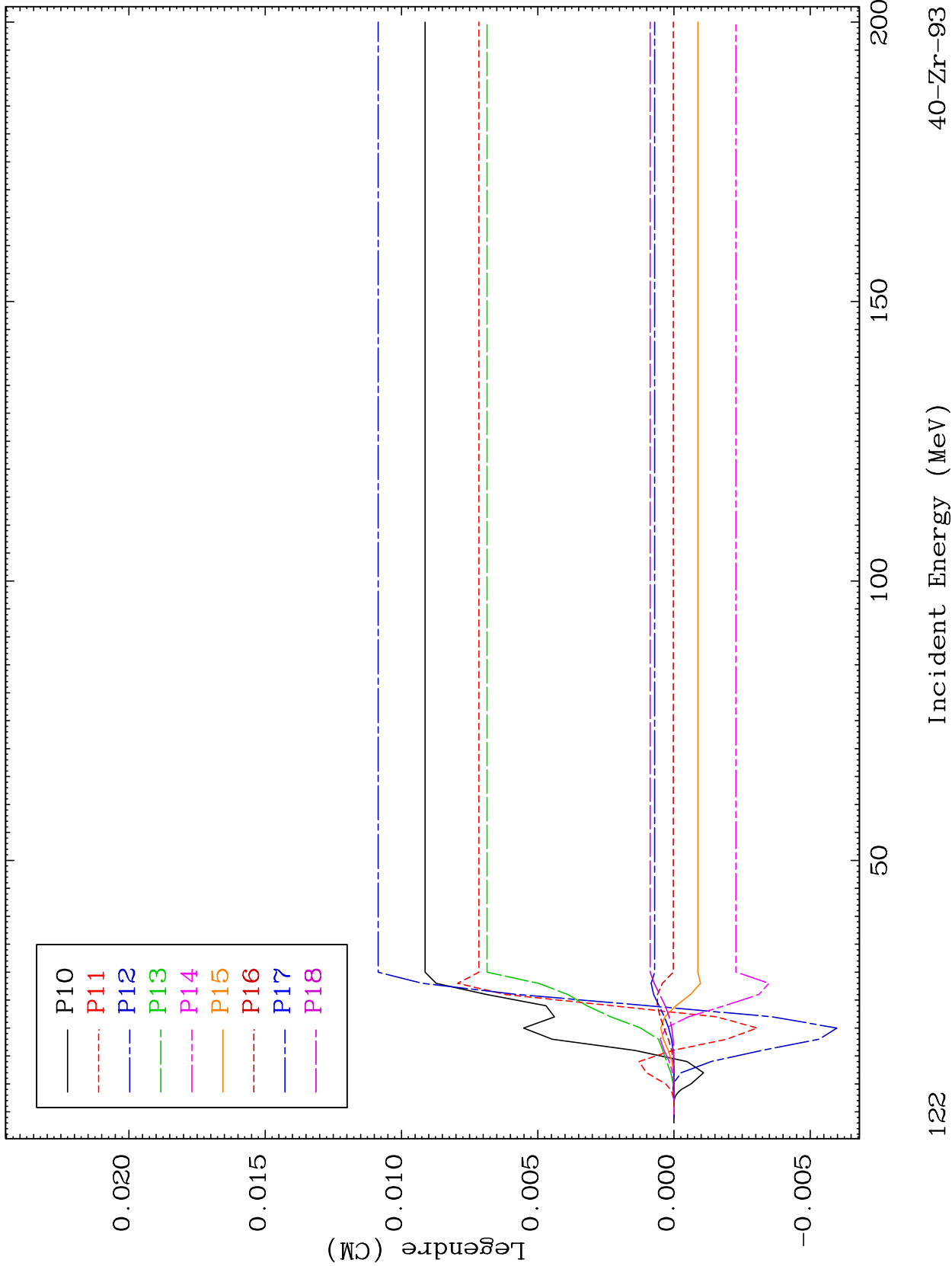
40-Zr-93

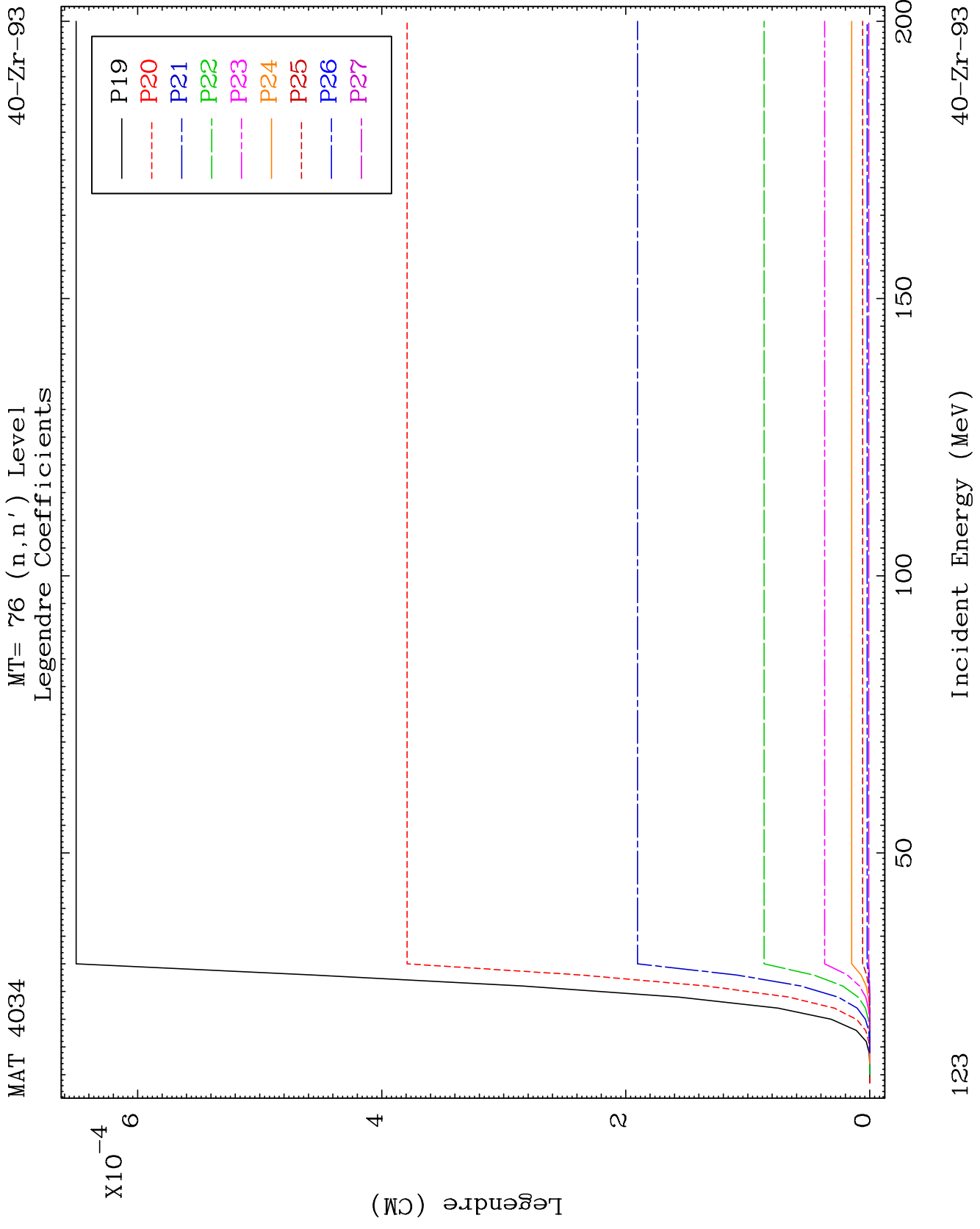


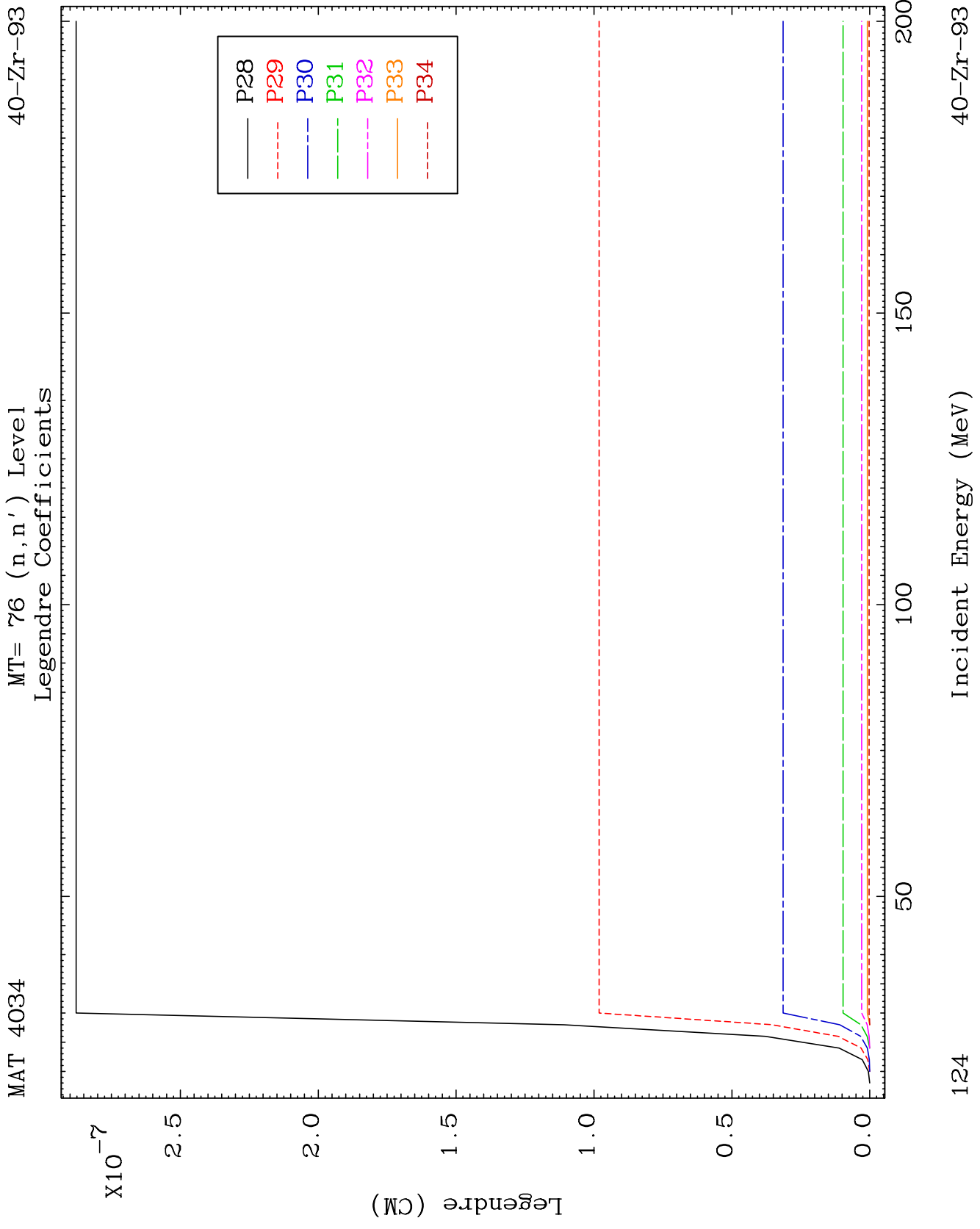
MAT 4034

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

40-Zr-93



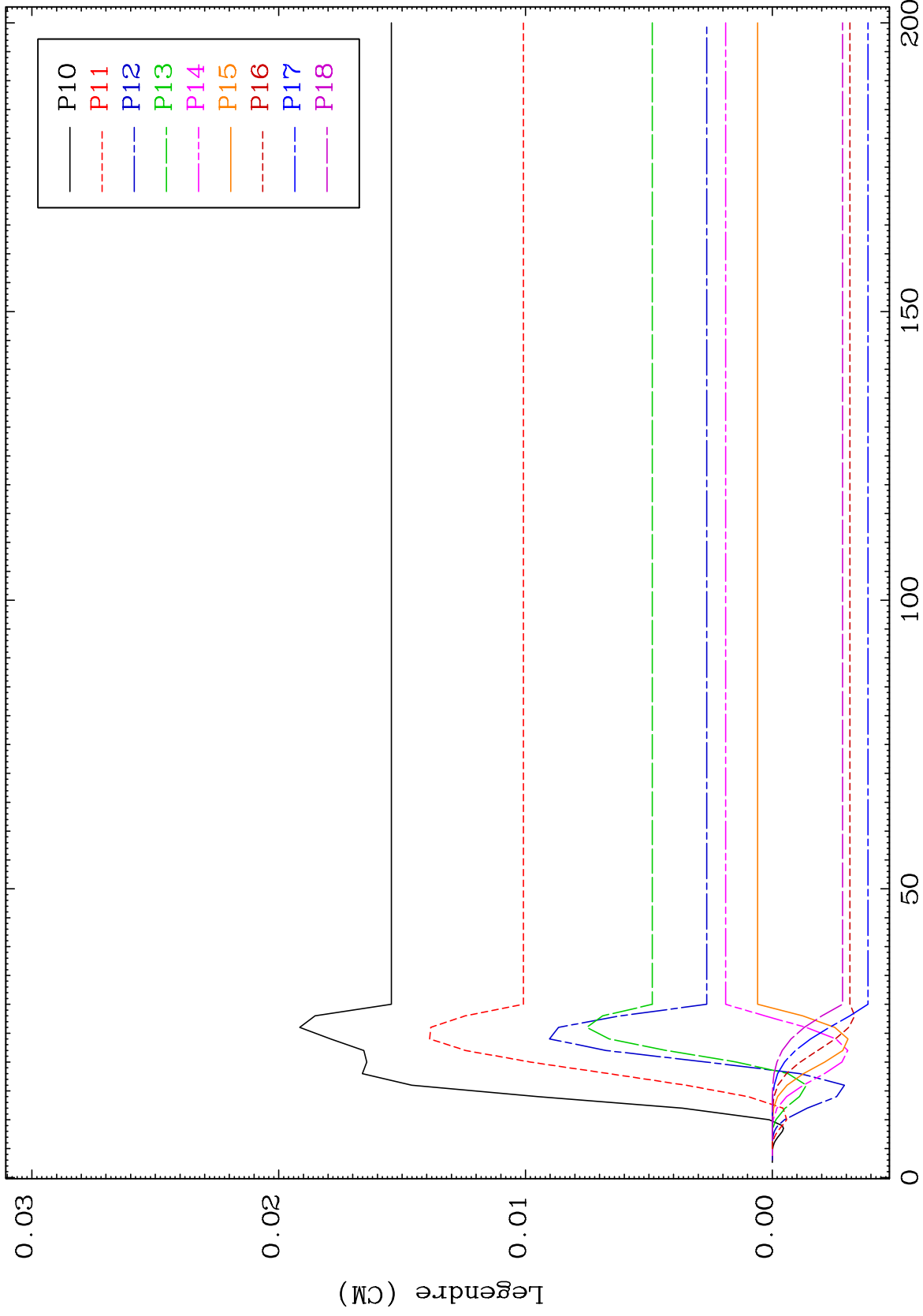




MAT 4034

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

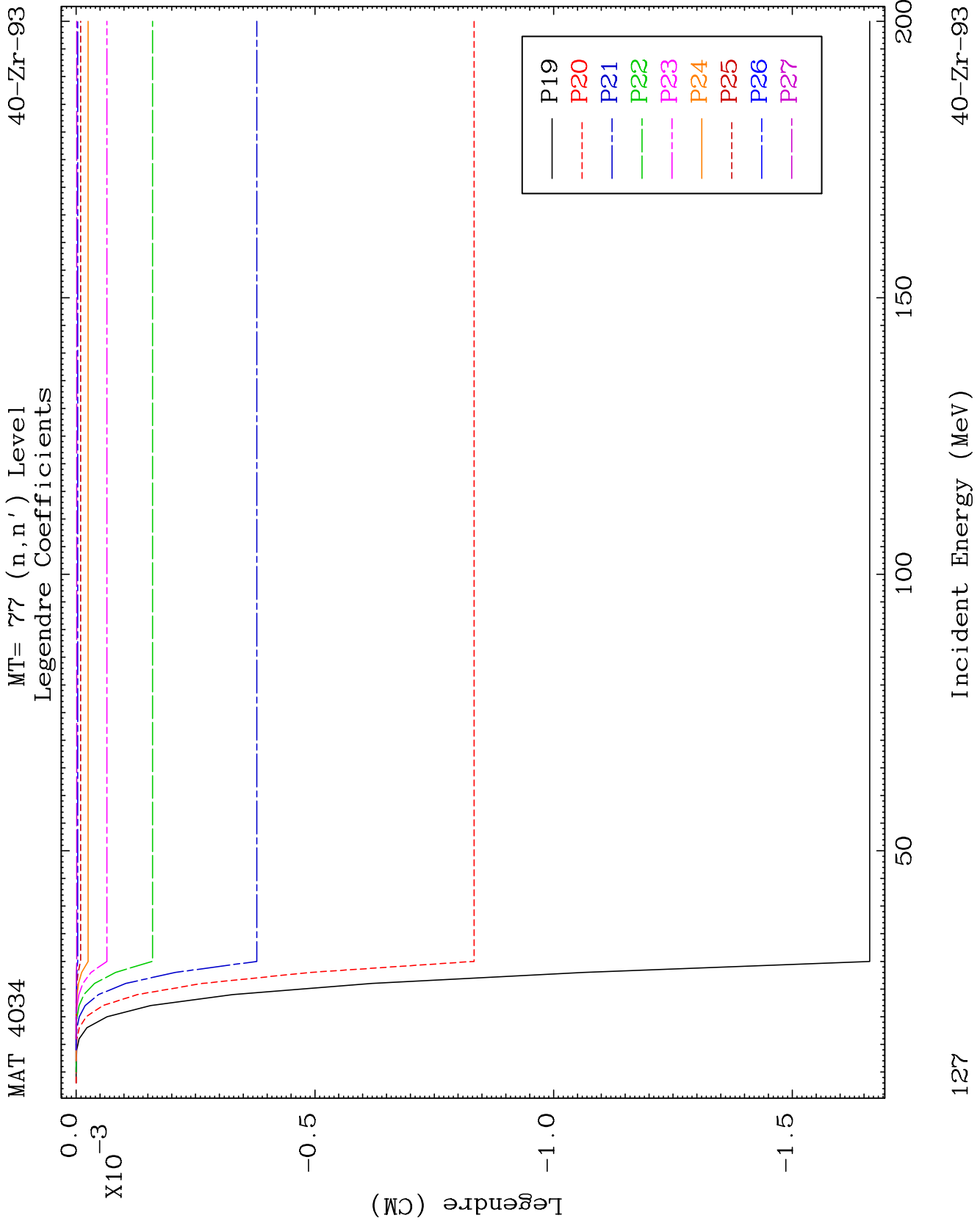
40-Zr-93

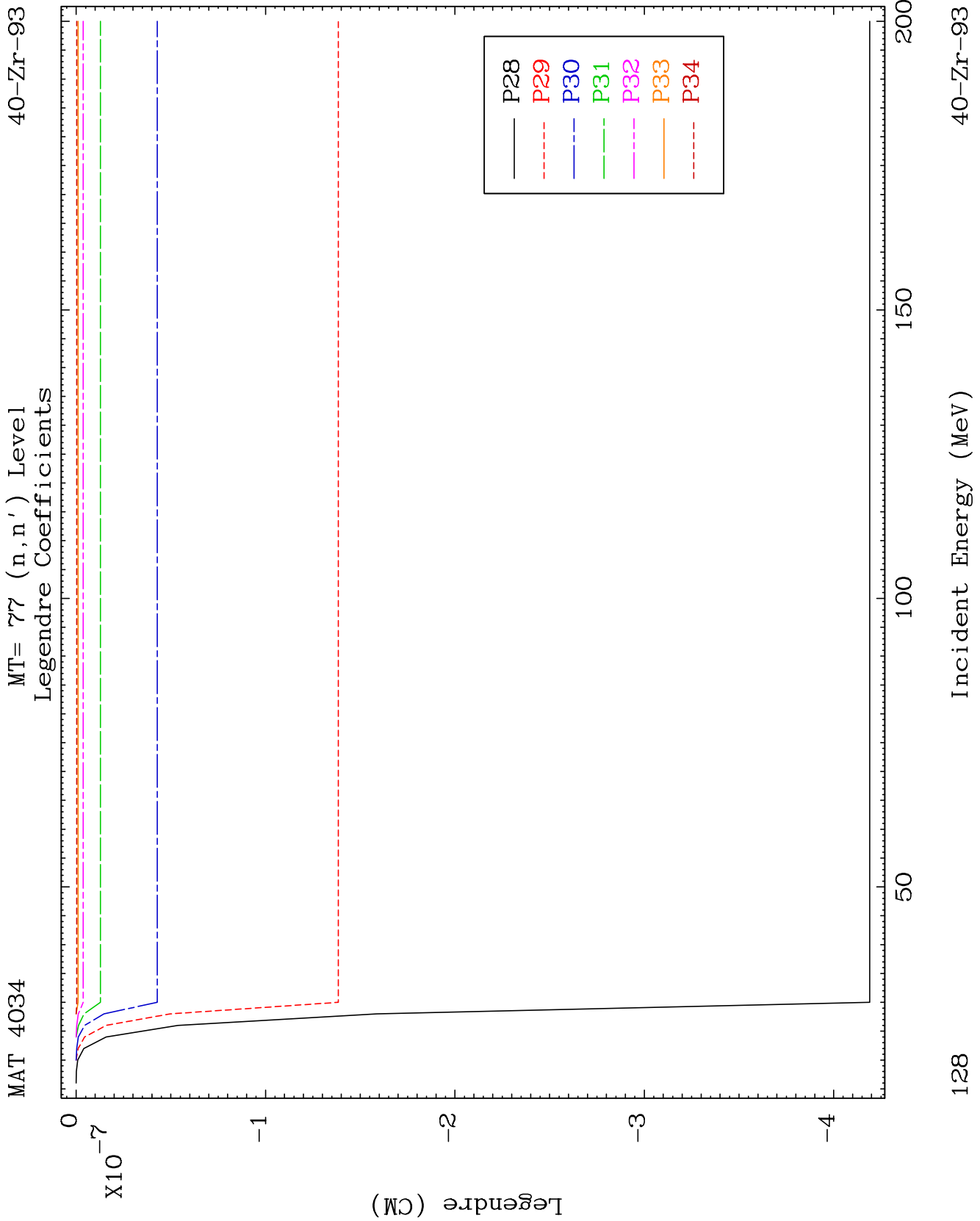


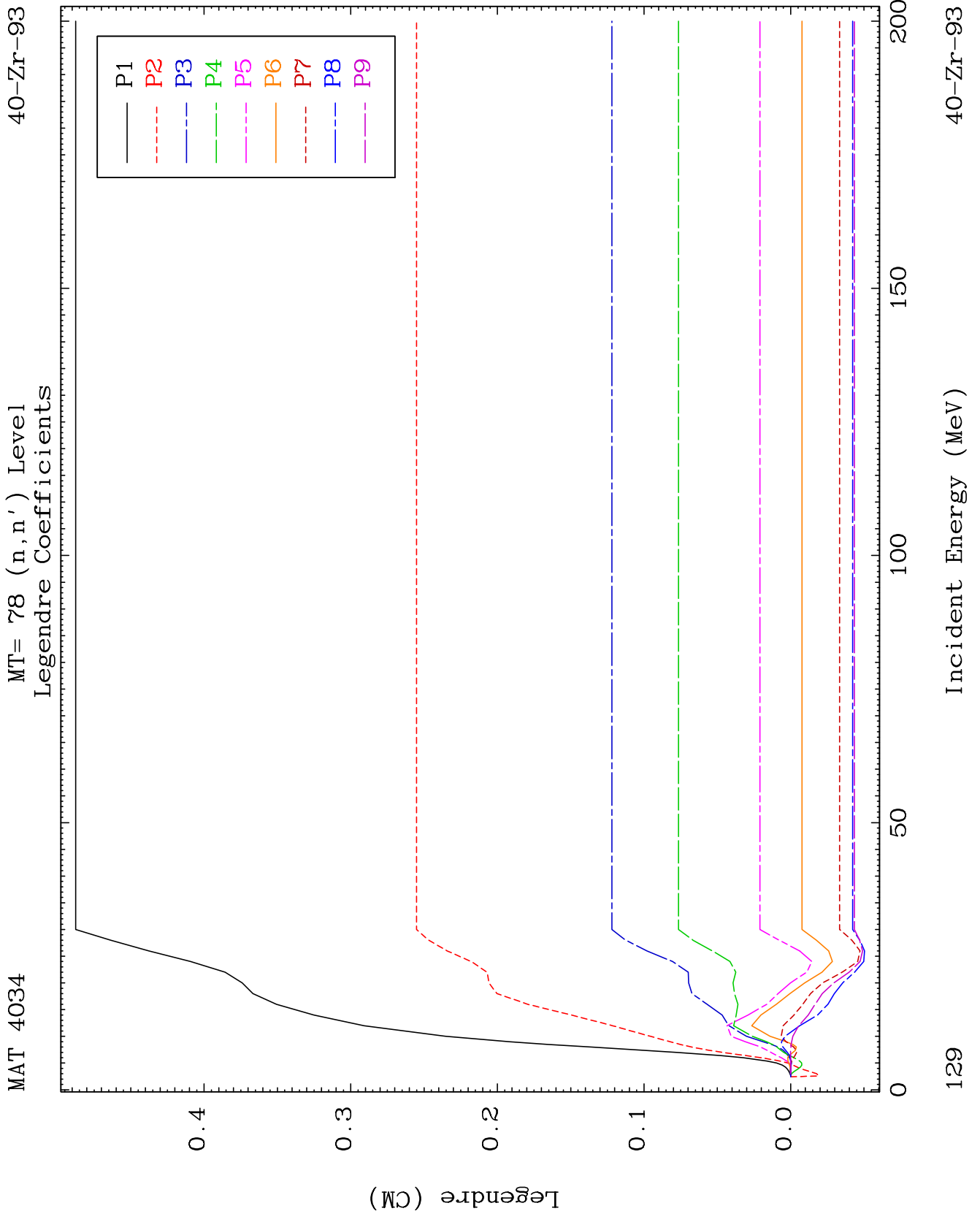
126

Incident Energy (MeV)

40-Zr-93



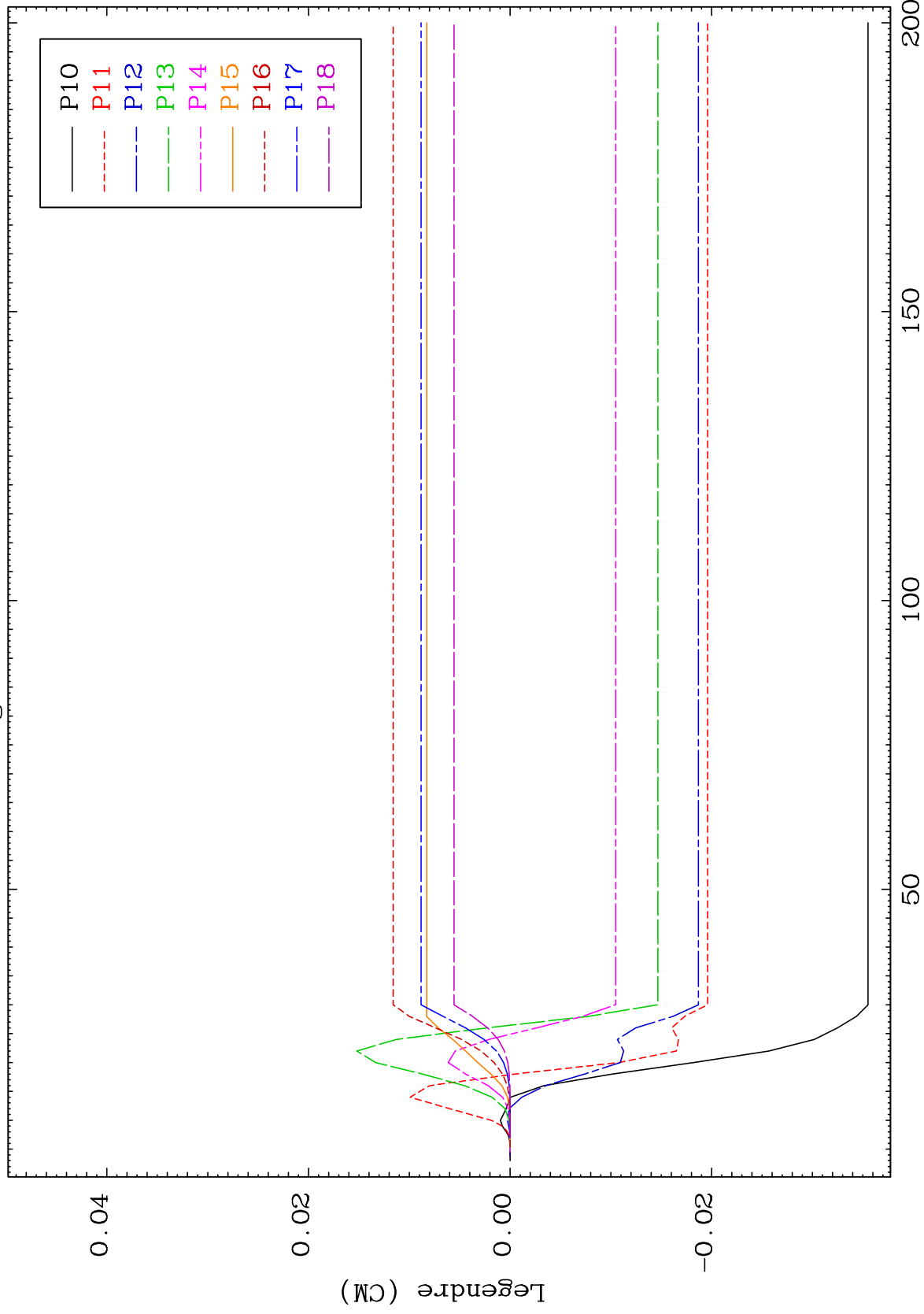




MAT 4034

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

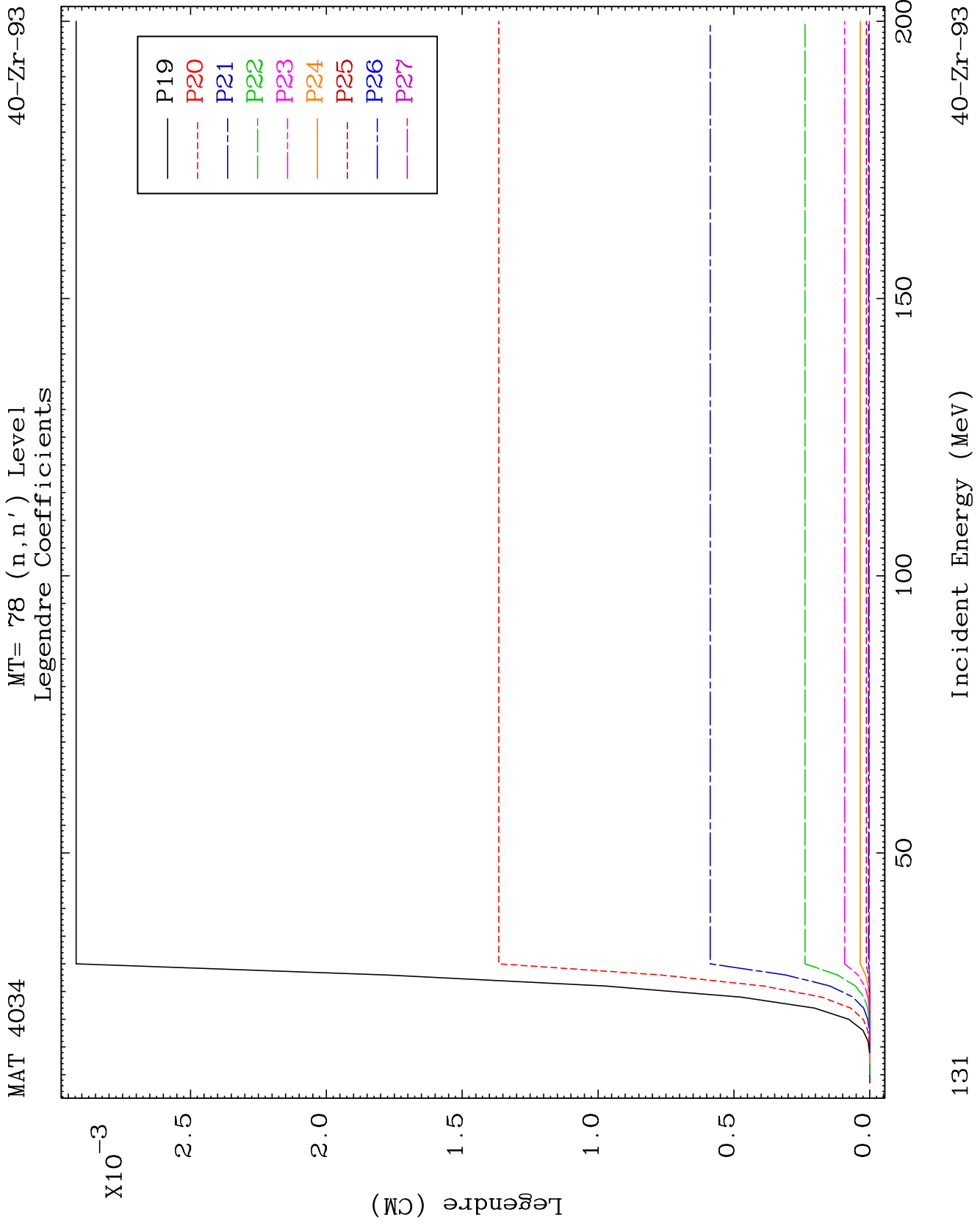
40-Zr-93

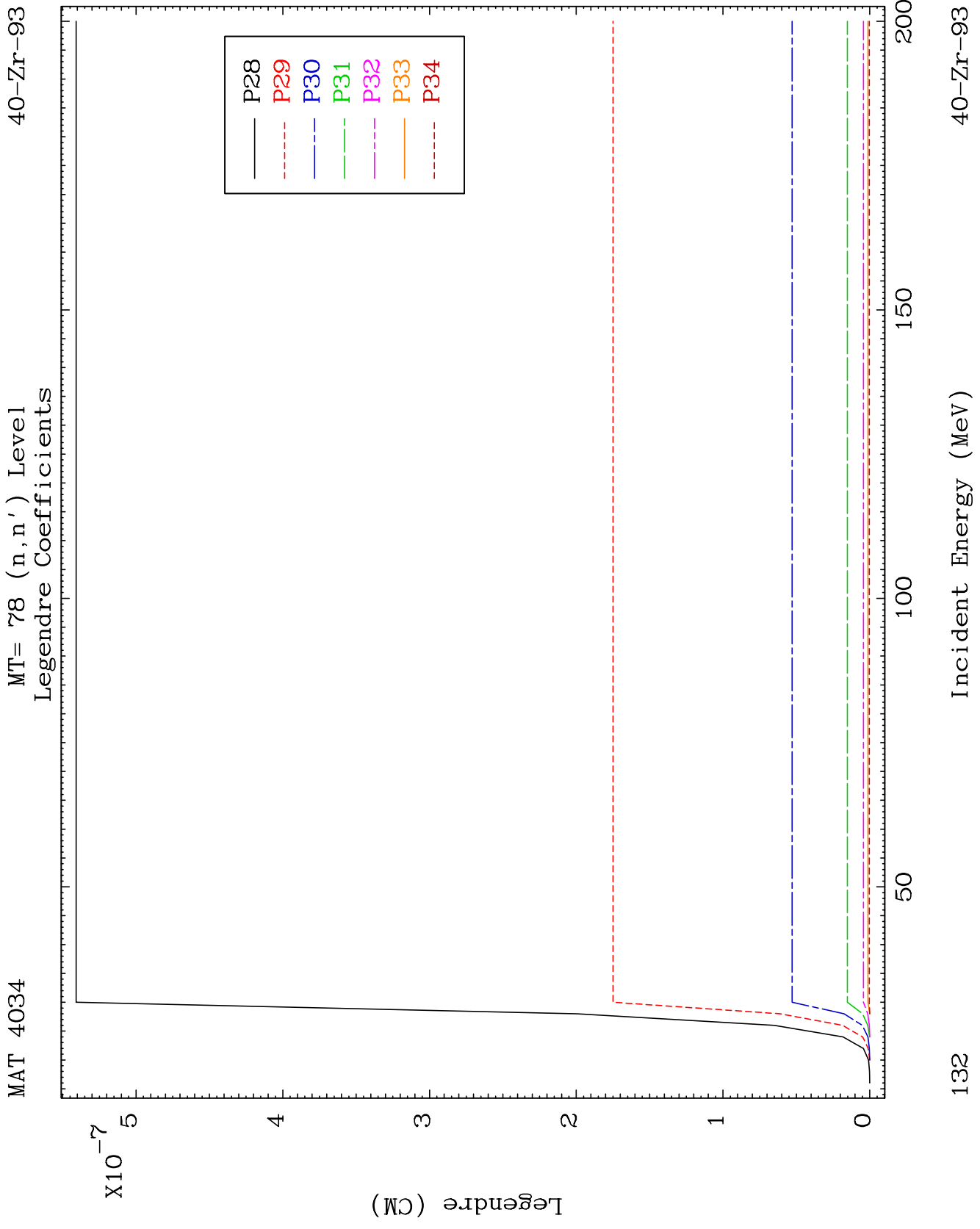


130

Incident Energy (MeV)

40-Zr-93

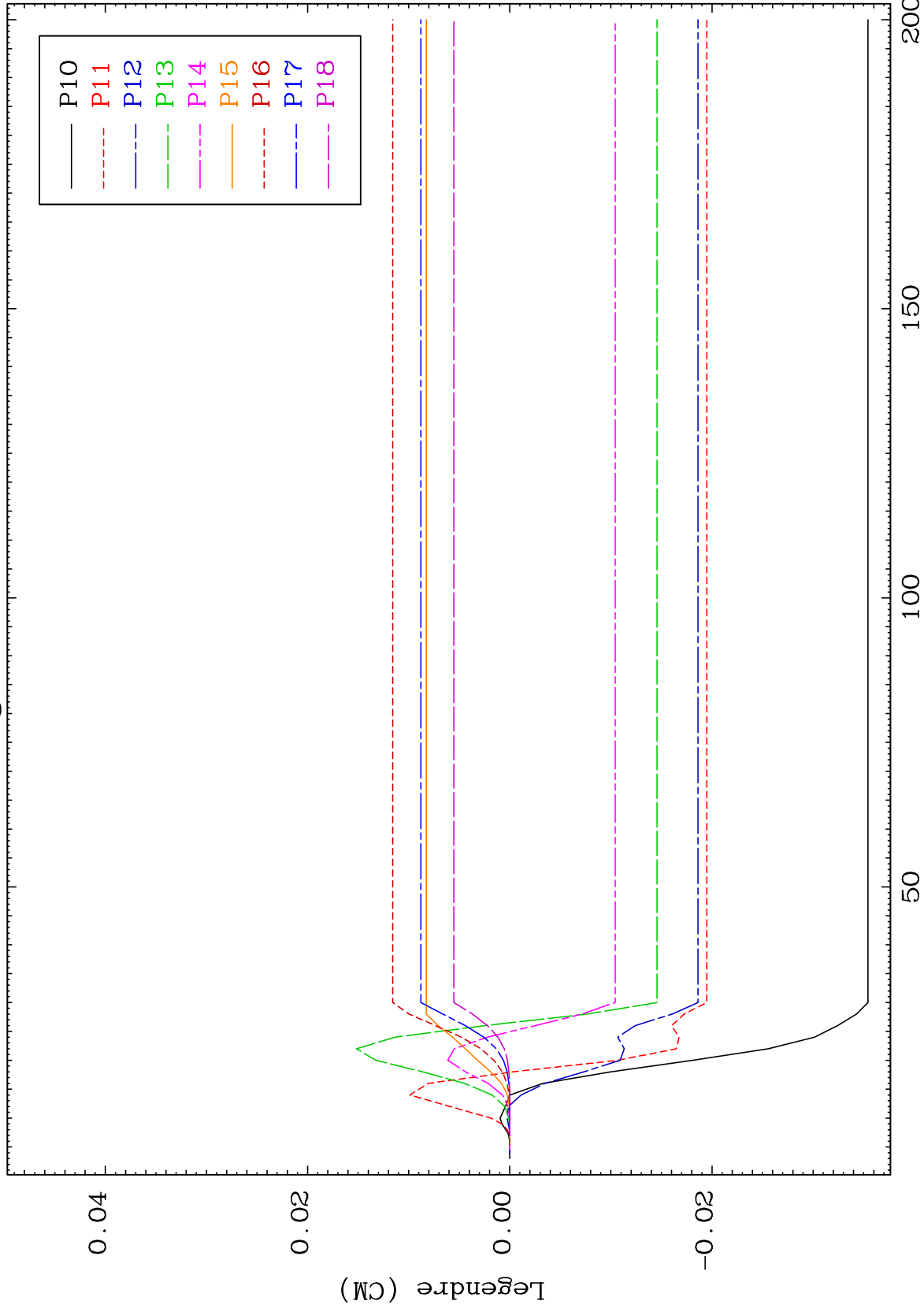




MAT 4034

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

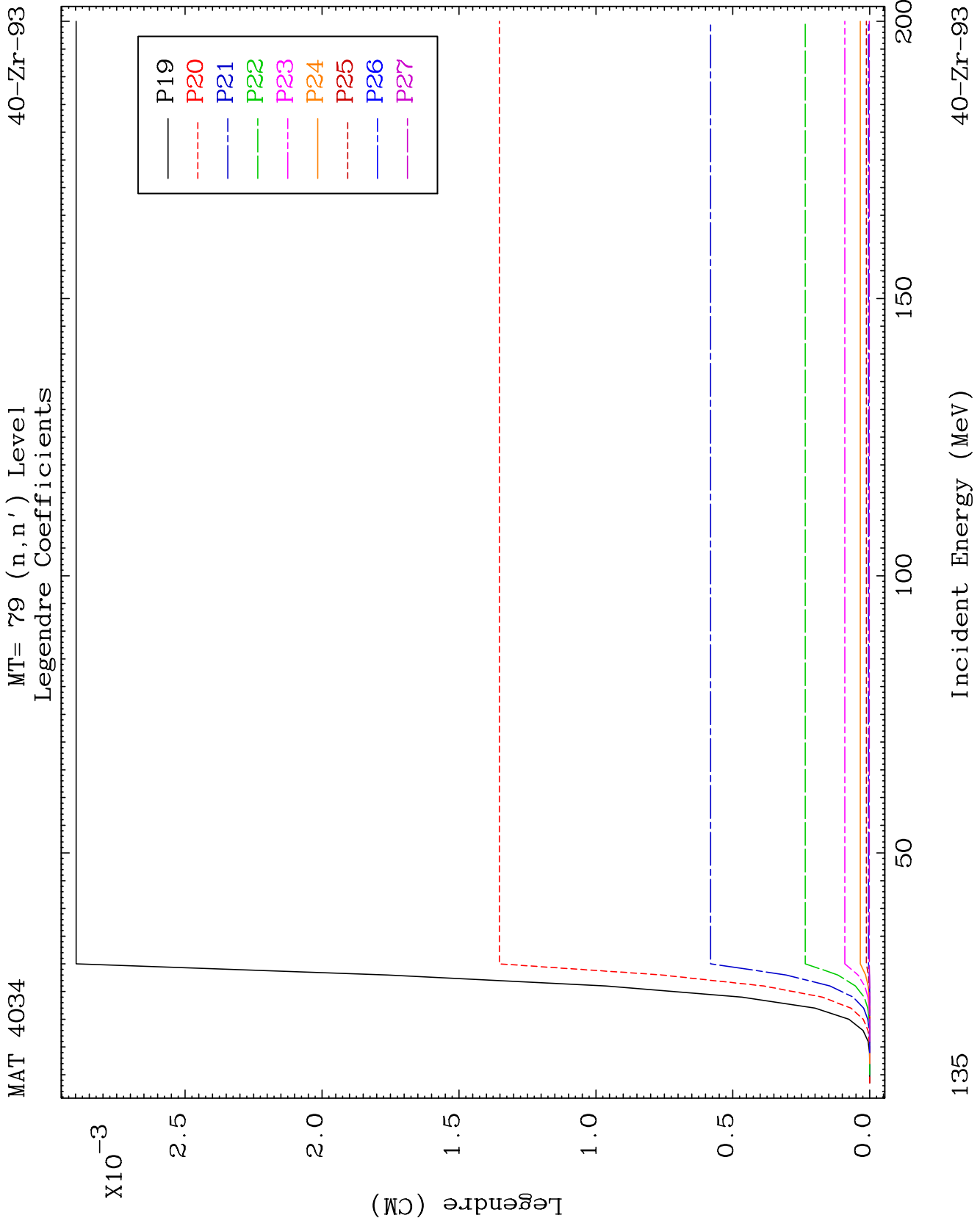
40-Zr-93

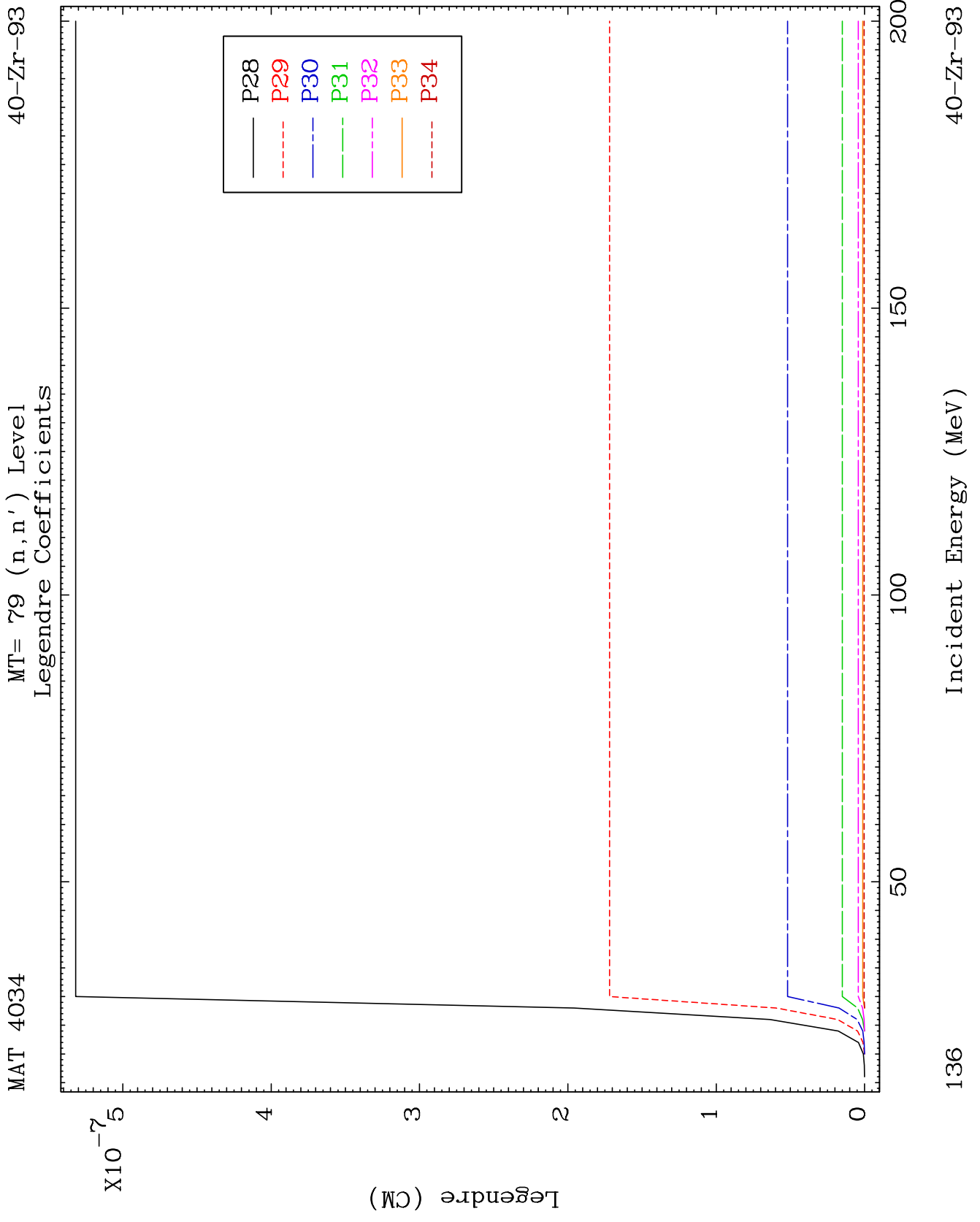


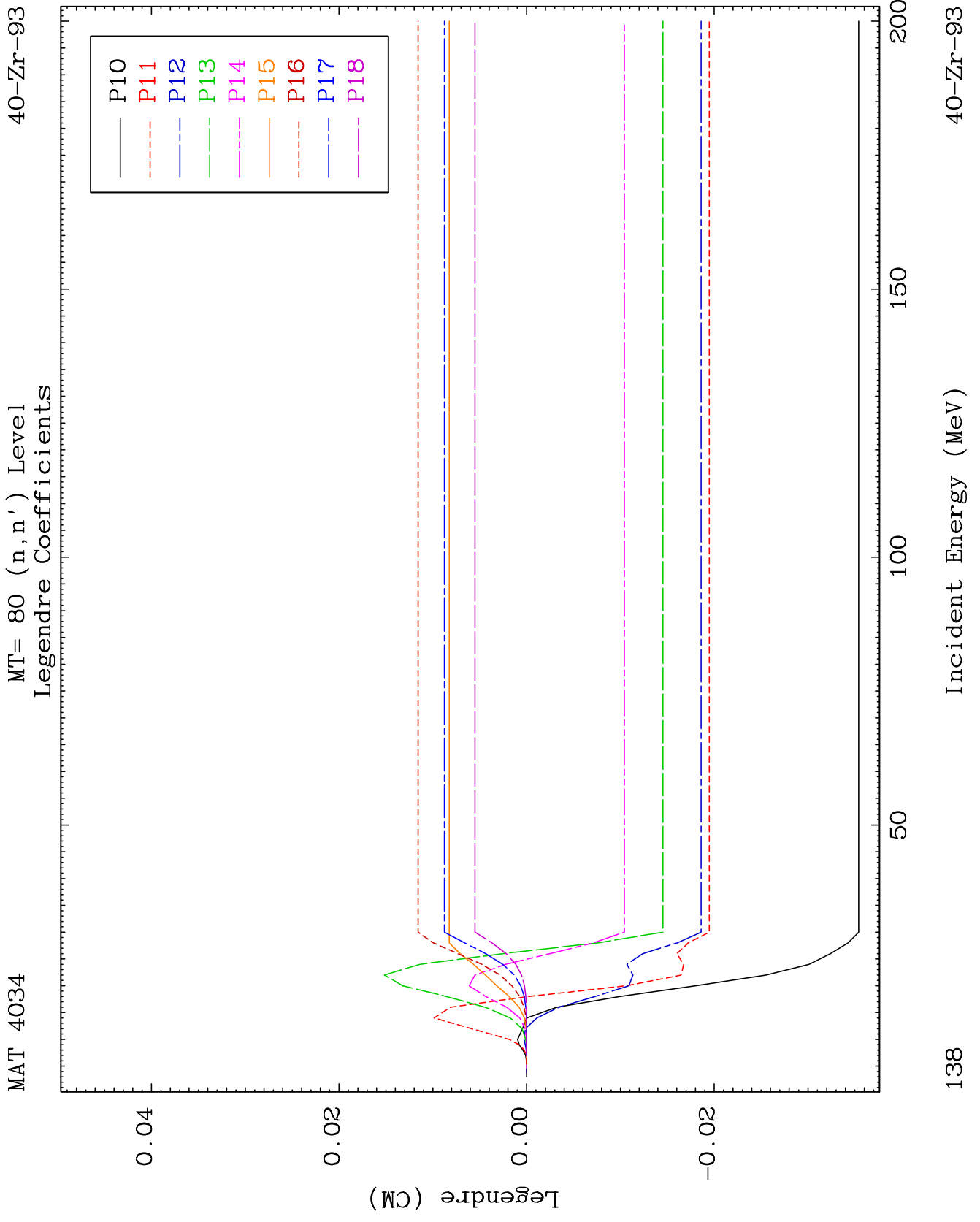
134

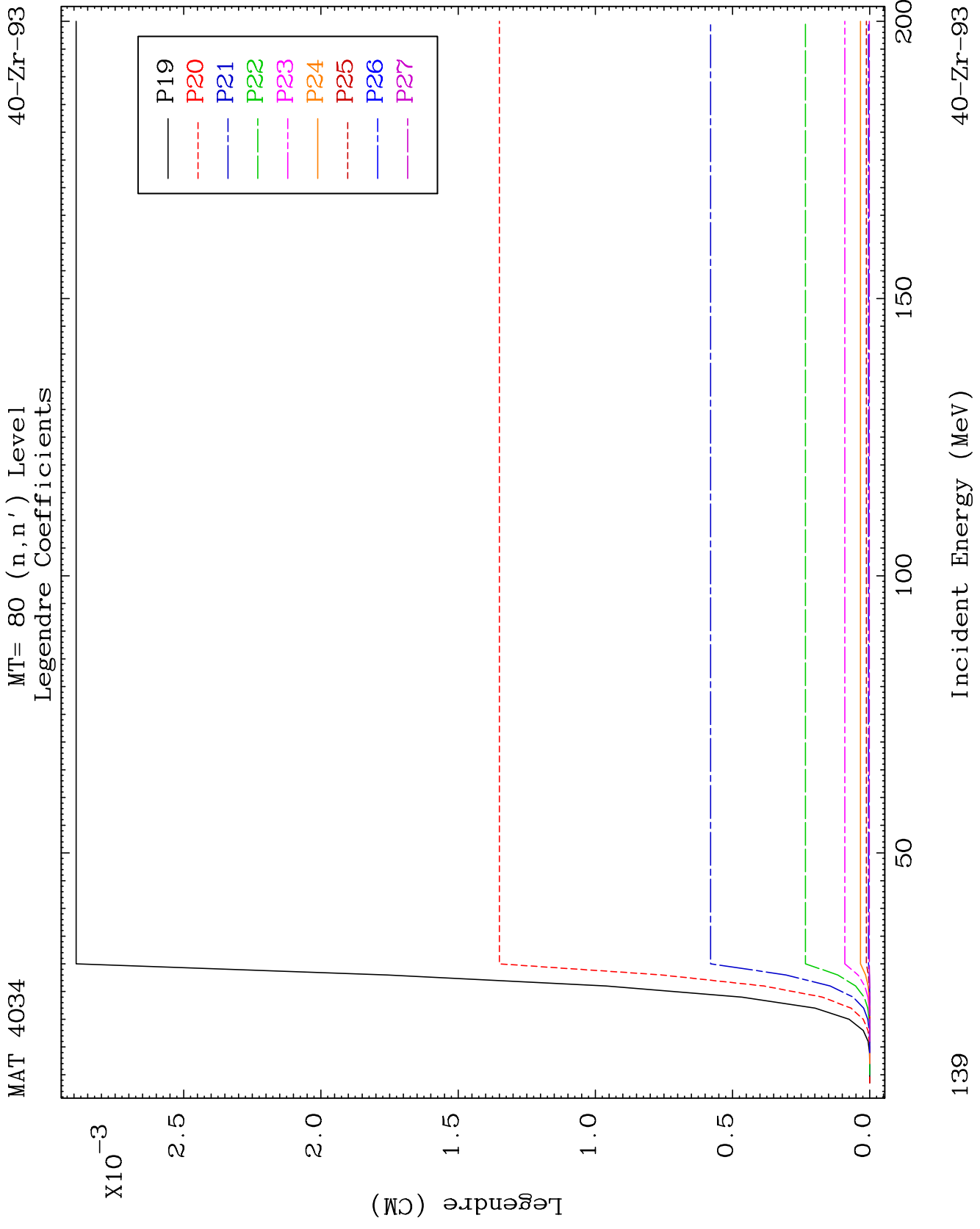
Incident Energy (MeV)

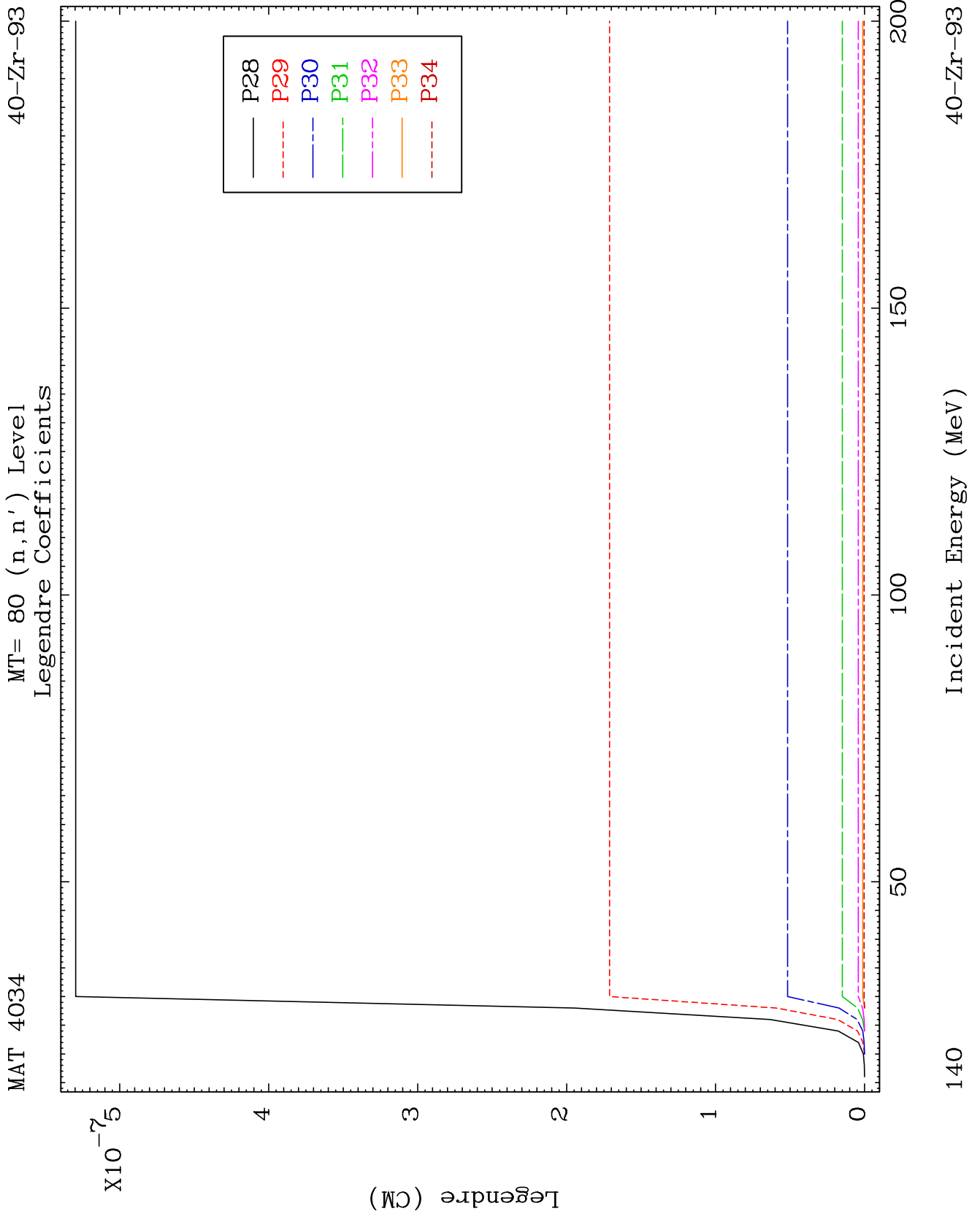
40-Zr-93









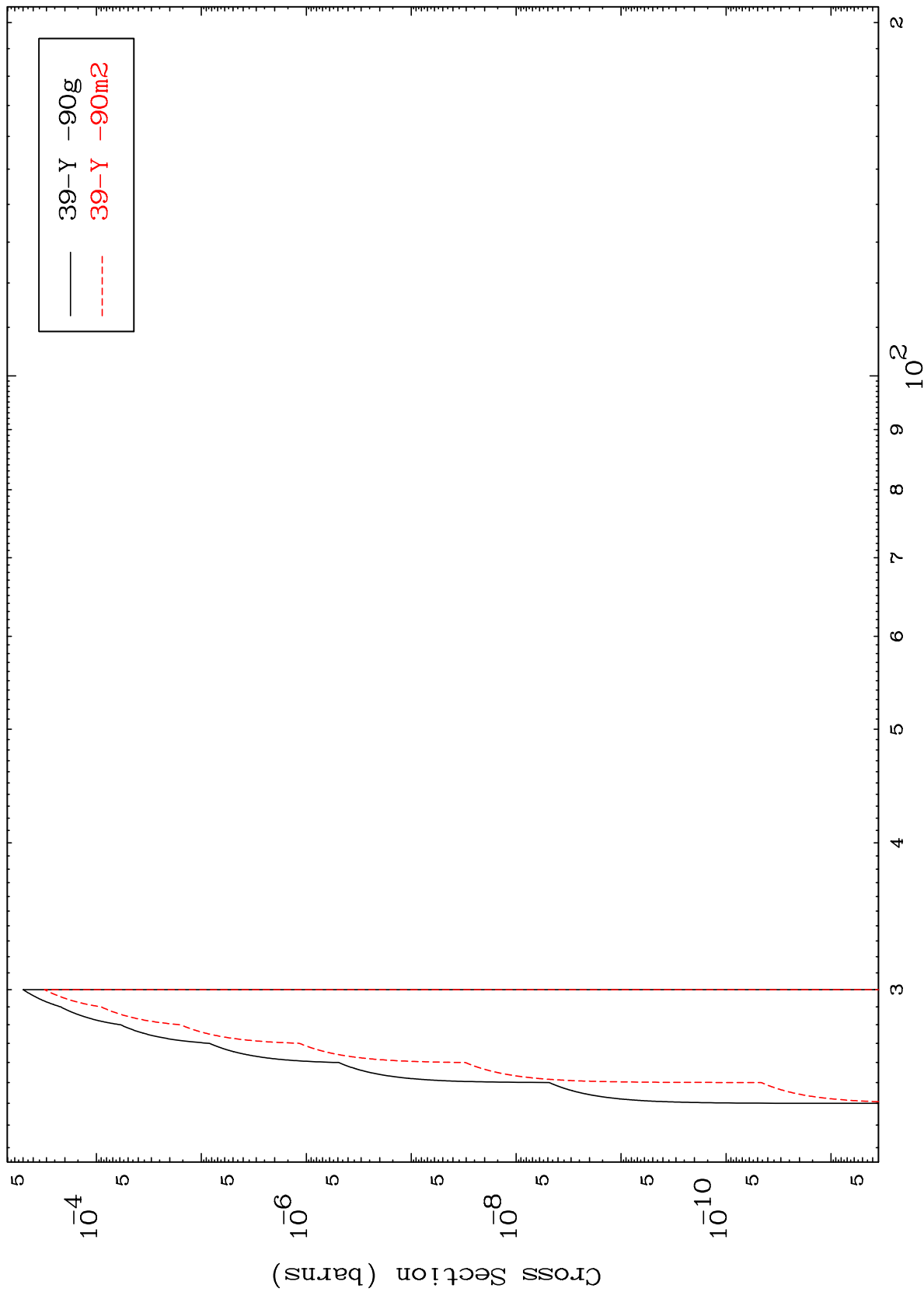


MAT 4034

(n,2n) d

40-Zr-93

Radionuclide Production Cross Section



141

Incident Energy (MeV)

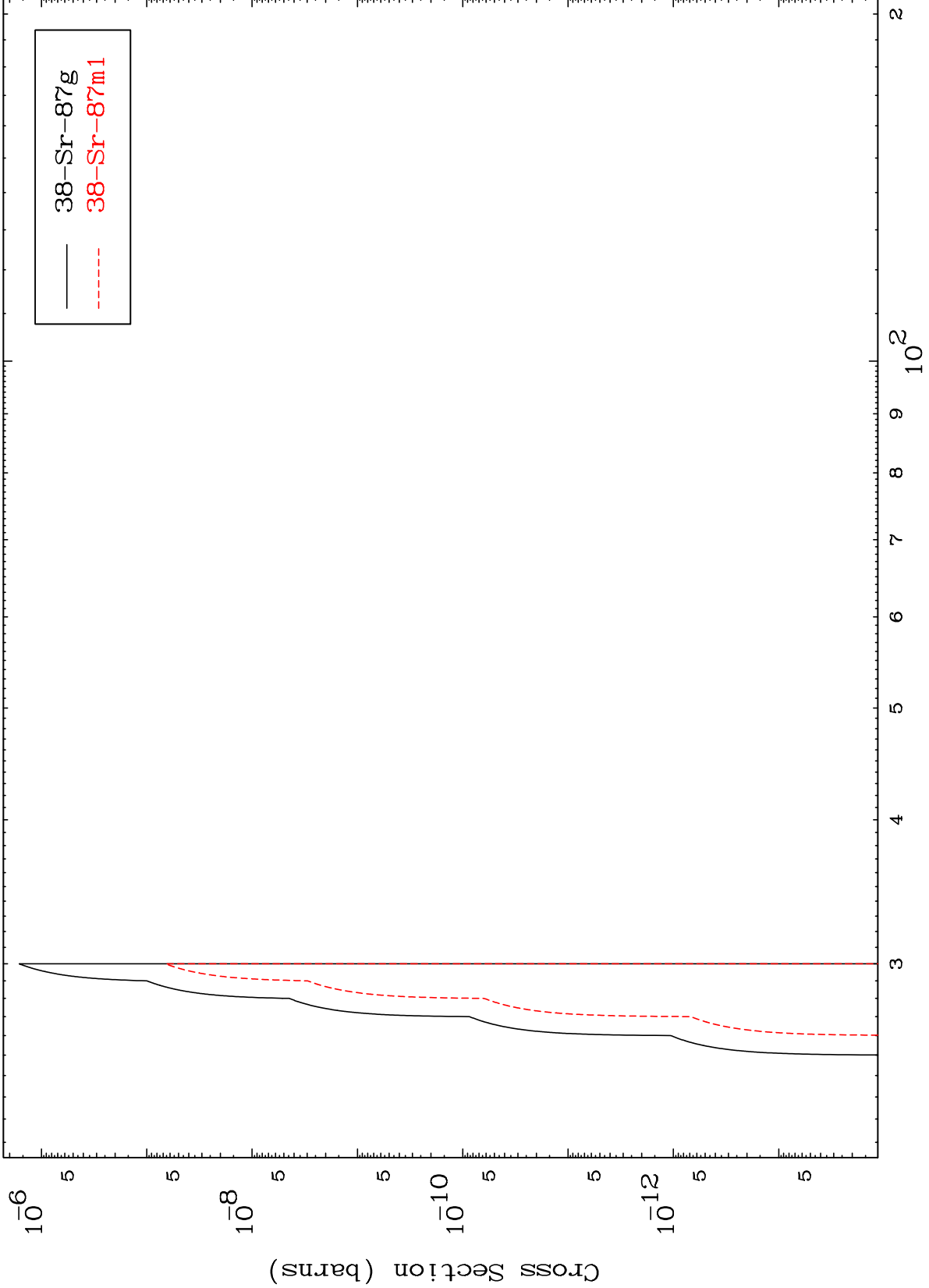
40-Zr-93

MAT 4034

(n,3n) α

40-Zr-93

Radionuclide Production Cross Section



142

Incident Energy (MeV)

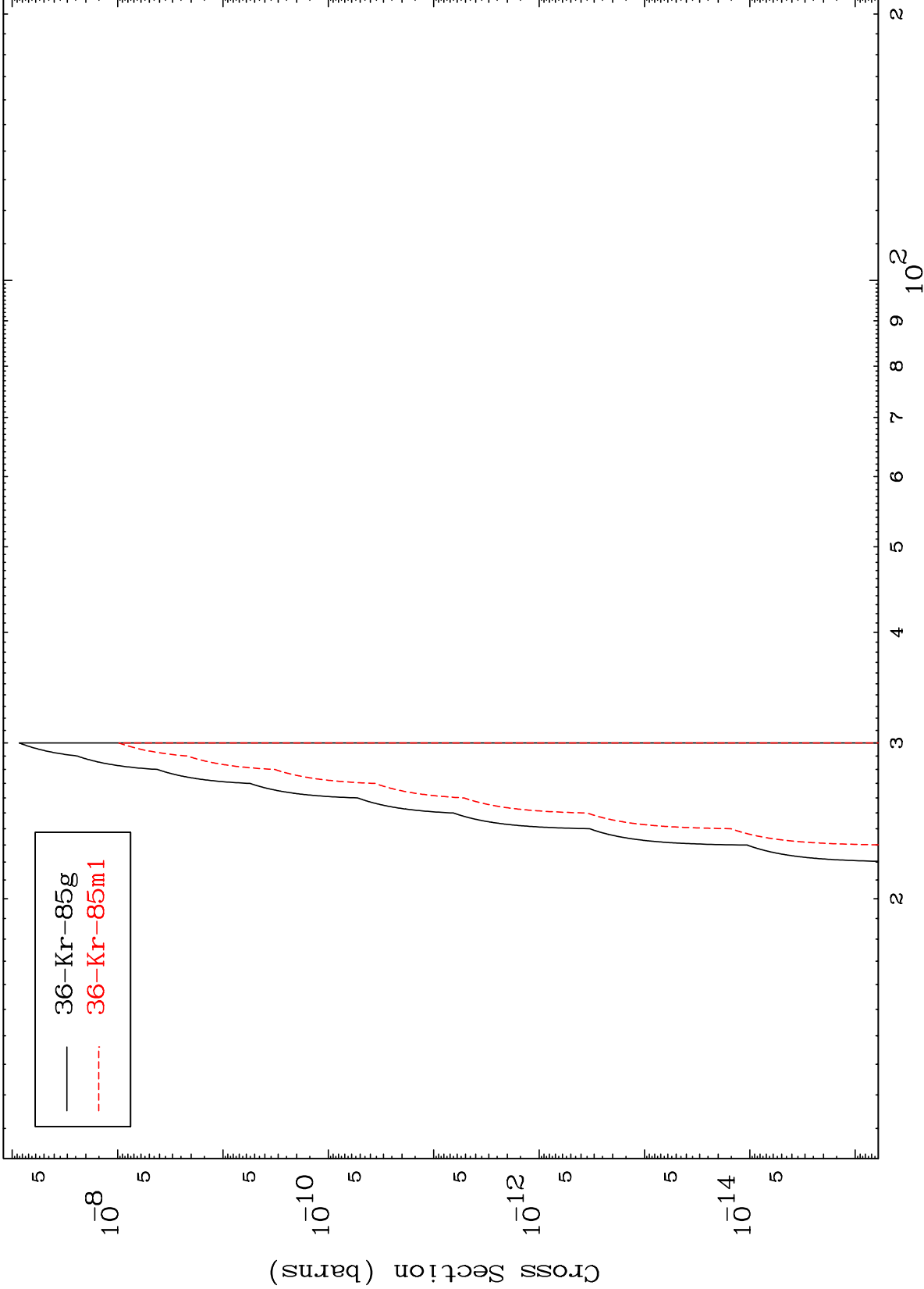
40-Zr-93

MAT 4034

(n,n') 2α

40-Zr-93

Radionuclide Production Cross Section



36-Kr-85g
36-Kr-85m1

143

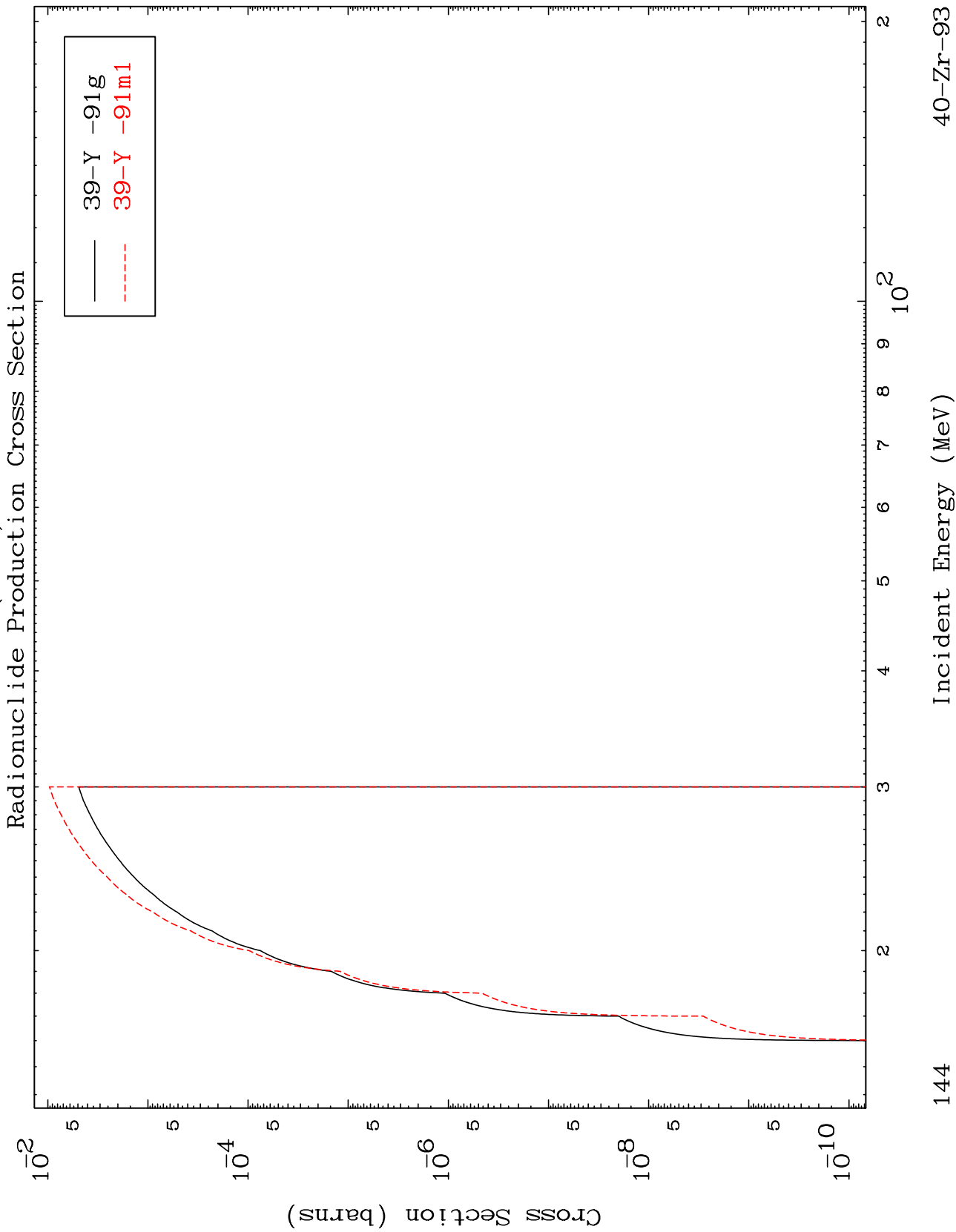
Incident Energy (MeV)

40-Zr-93

MAT 4034

(n,n') d

40-Zr-93



144

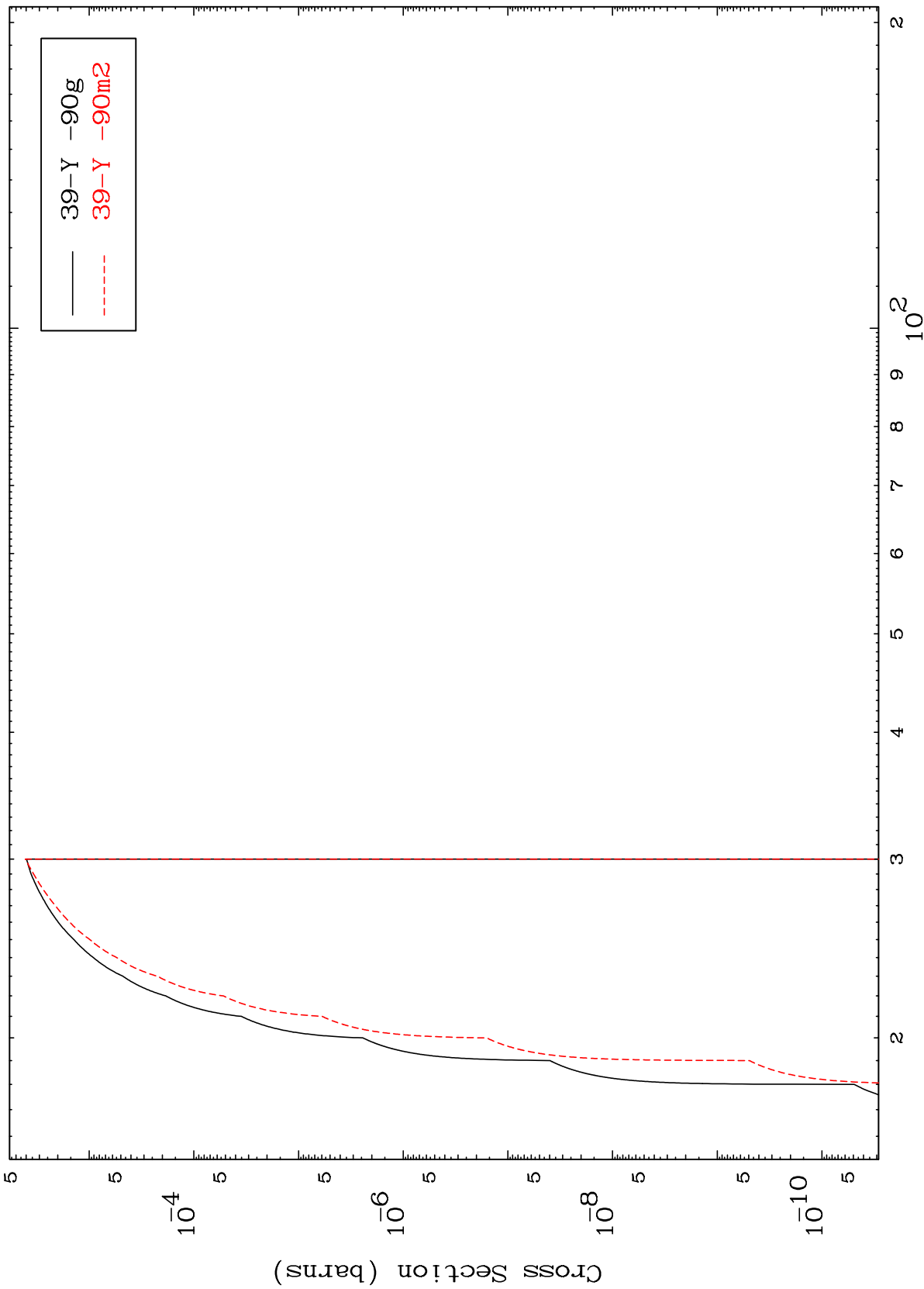
40-Zr-93

MAT 4034

(n,n') t

40-Zr-93

Radionuclide Production Cross Section



145

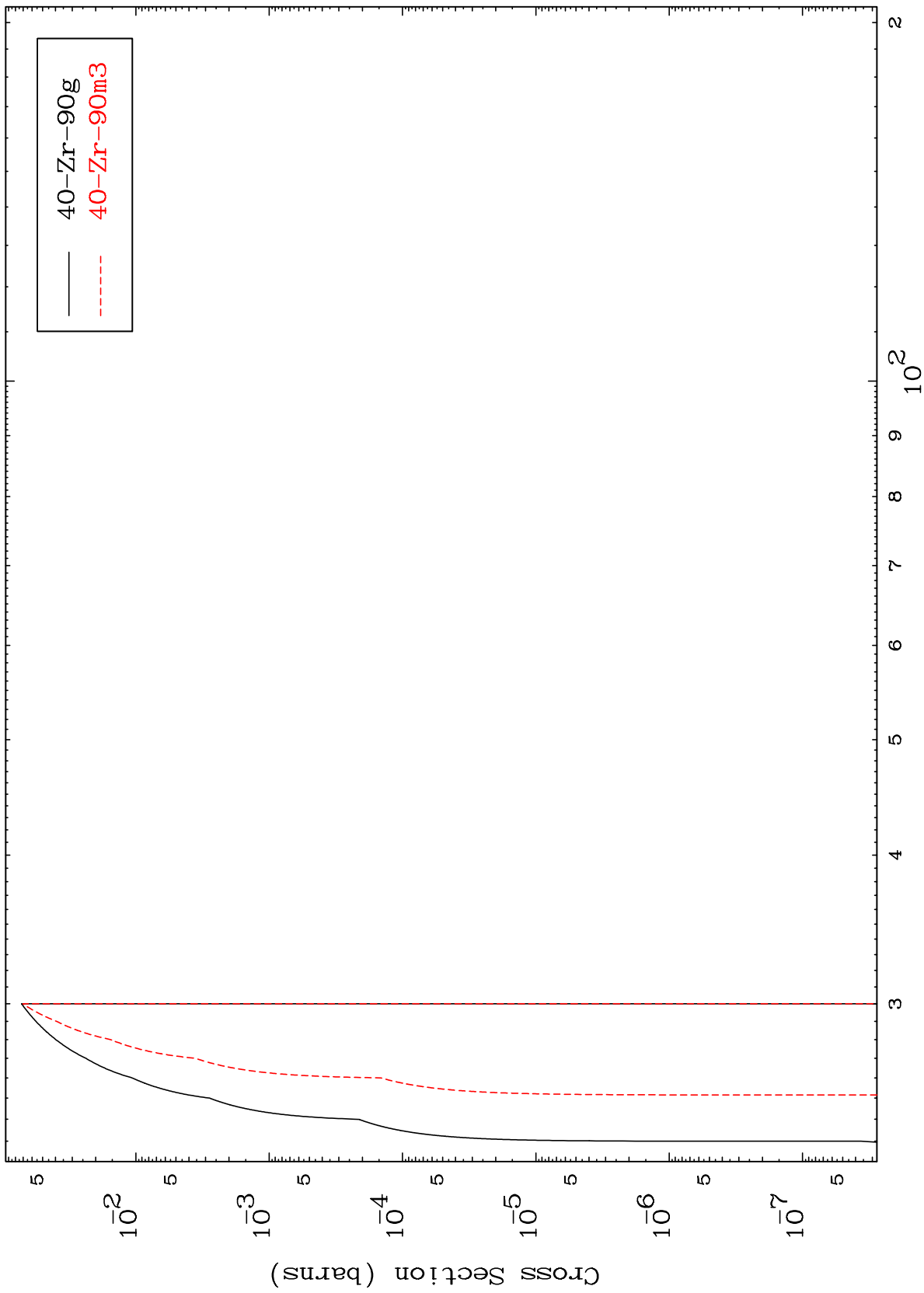
Incident Energy (MeV)

40-Zr-93

MAT 4034

40-Zr-93

(n,4n)
Radionuclide Production Cross Section



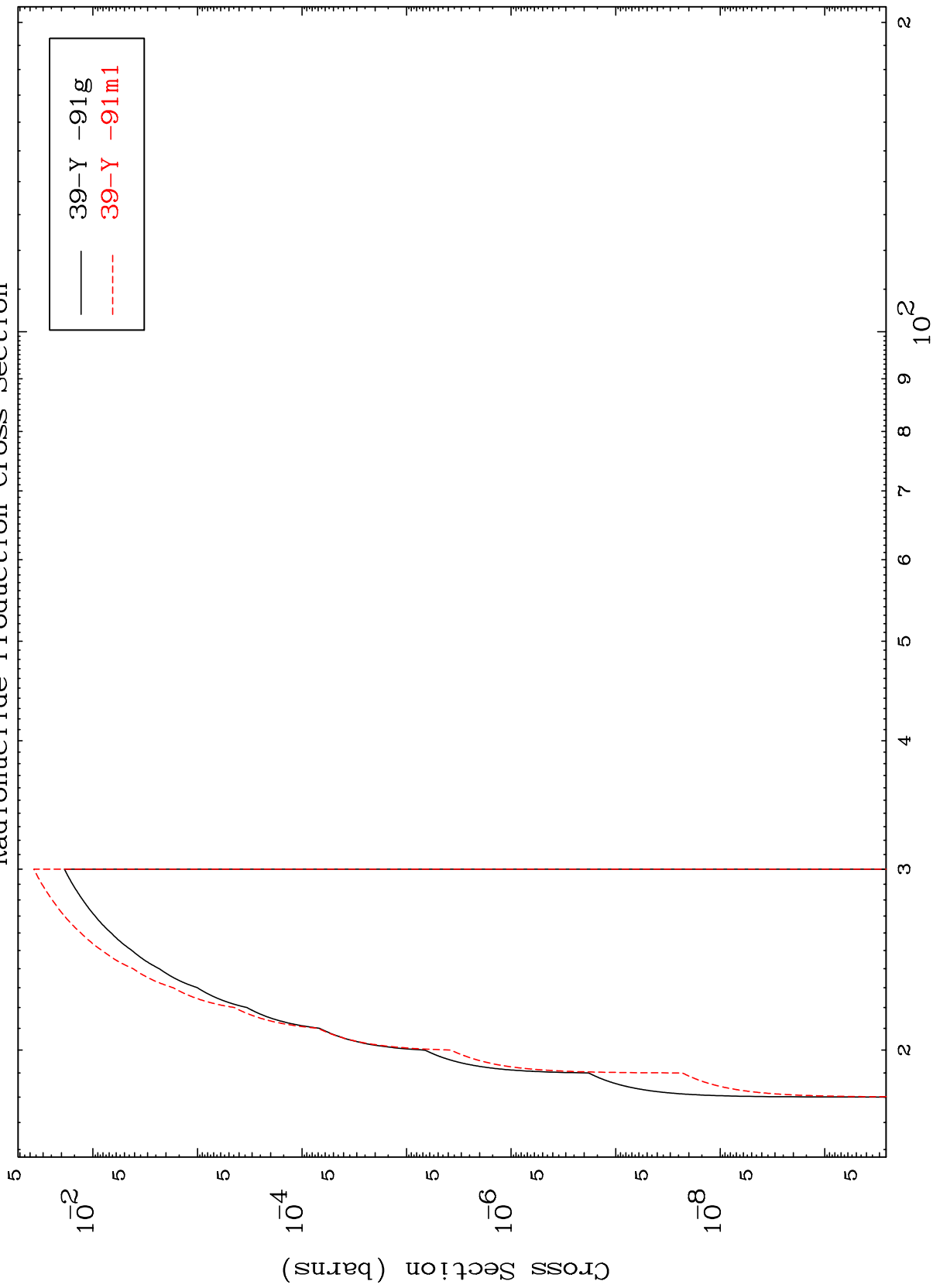
146

40-Zr-93

MAT 4034

40-Zr-93

(n,2n) p
Radionuclide Production Cross Section

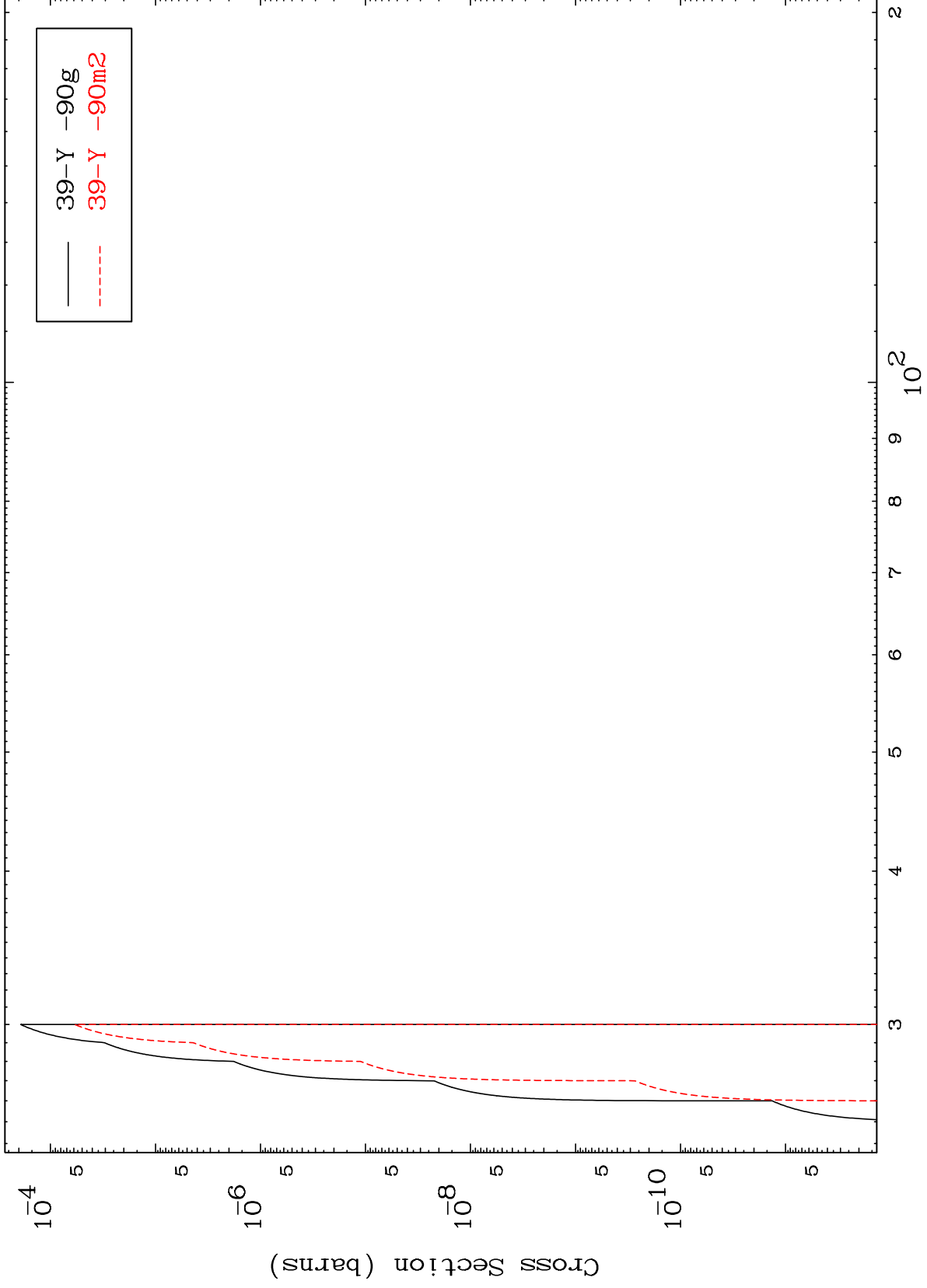


147

Incident Energy (MeV)

40-Zr-93

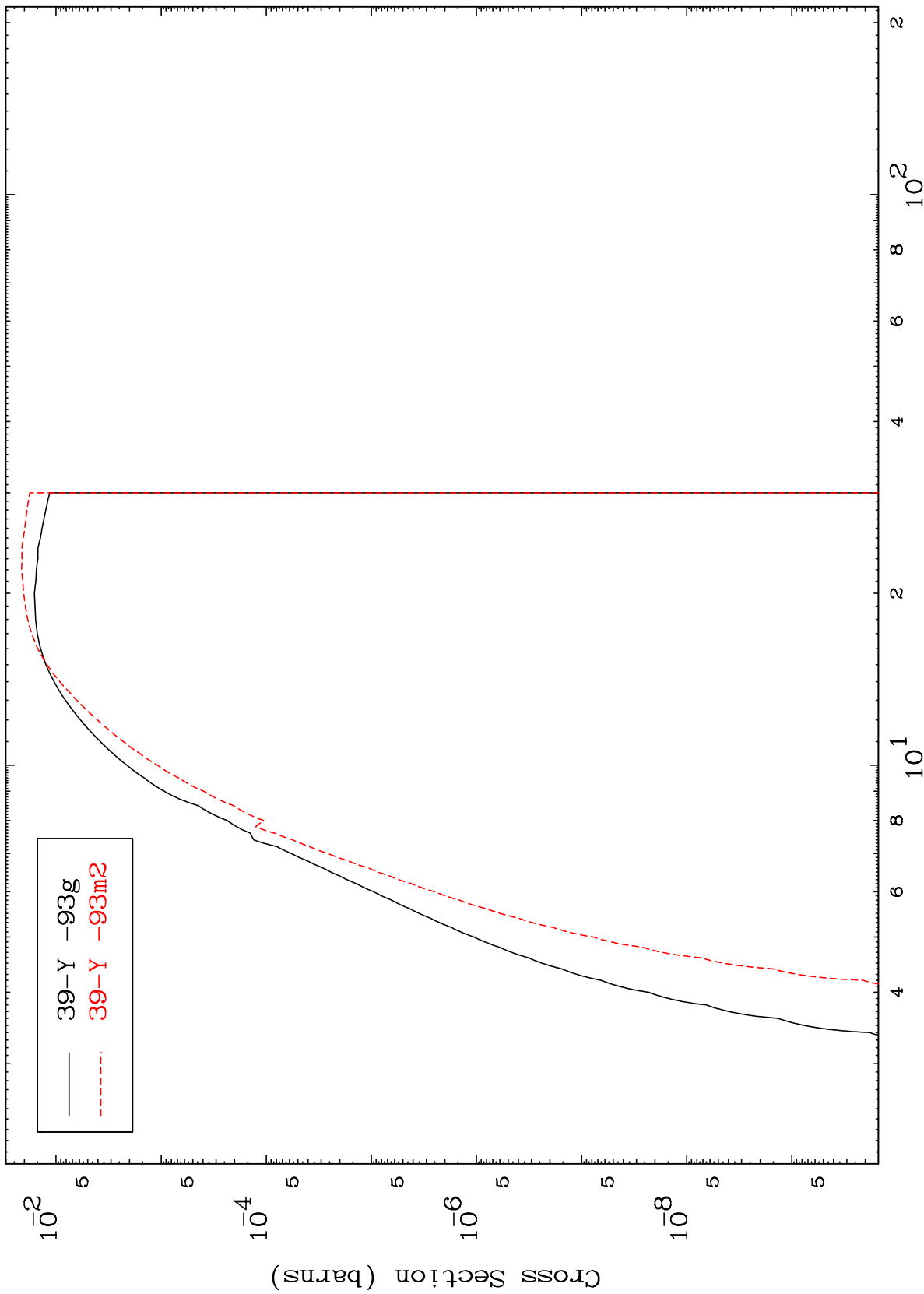
Radionuclide Production Cross Section



MAT 4034

40-Zr-93

Radionuclide Production Cross Section (n,p)



40-Zr-93

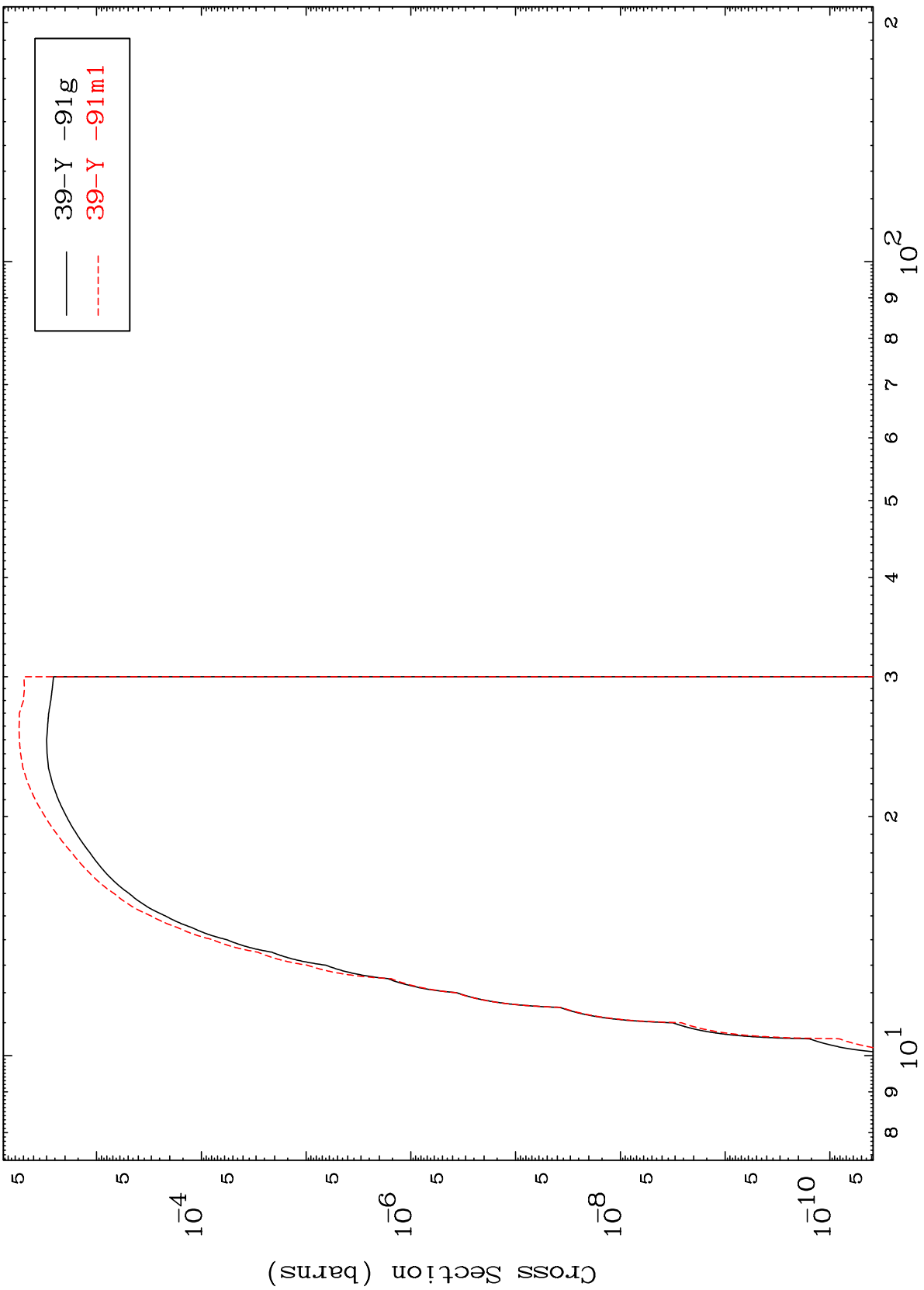
Incident Energy (MeV)

149

MAT 4034

40-Zr-93

(n, t)
Radionuclide Production Cross Section



40-Zr-93

Incident Energy (MeV)

150