

Program EVALPLOT
(Version 2021-1)

by

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(Present Contact Information)

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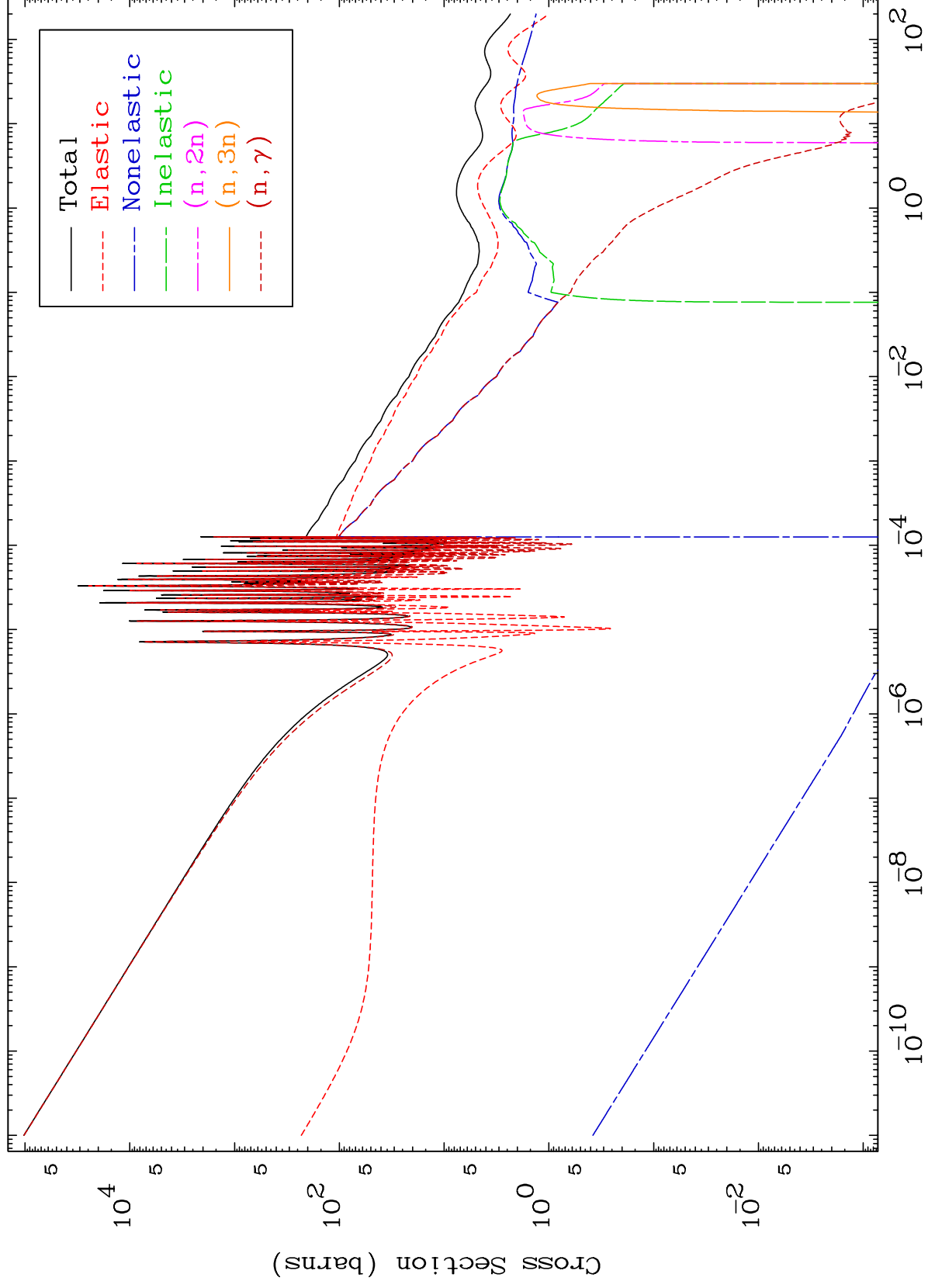
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6152

Neutron Major
293 Kelvin Cross Sections

61-Pm-148



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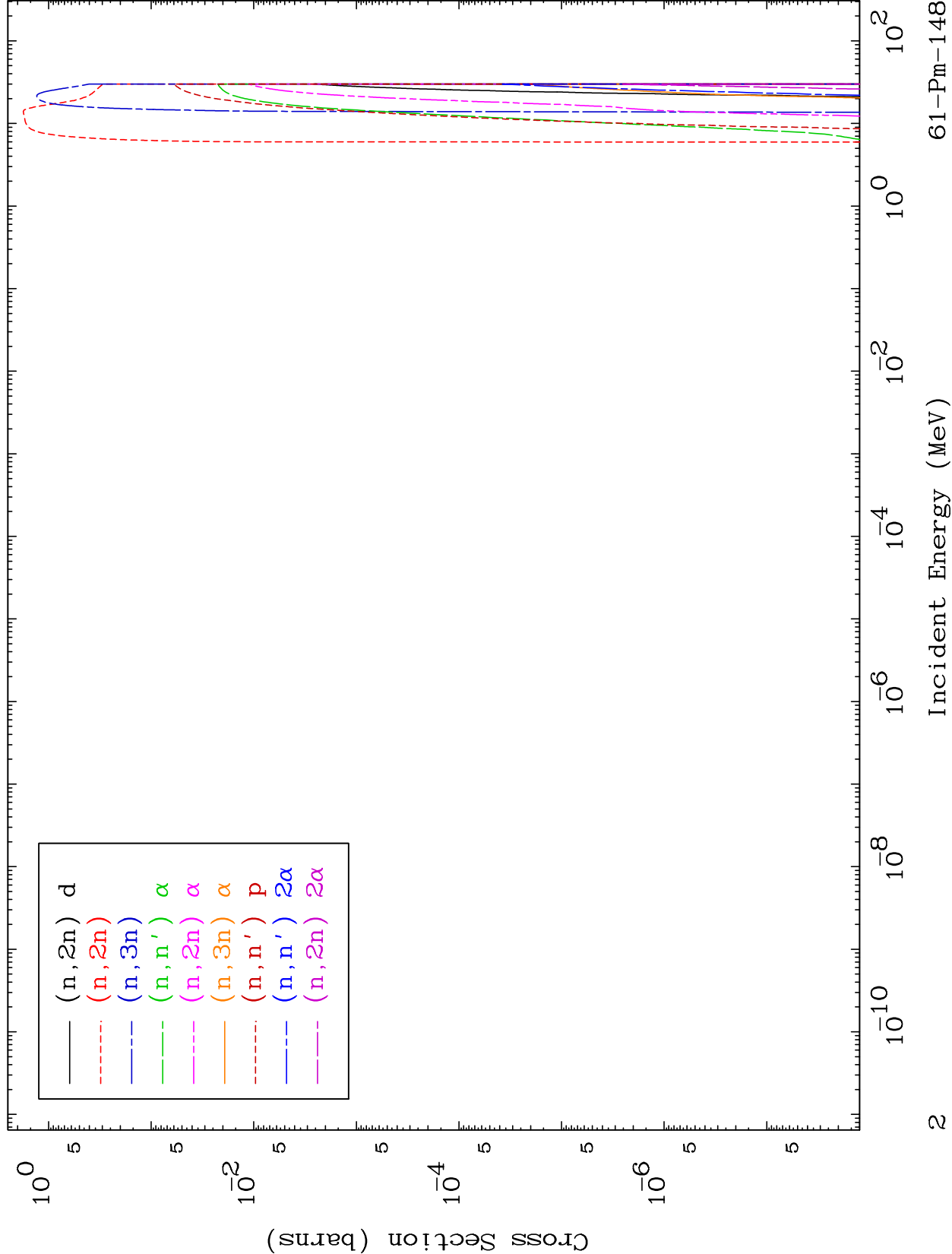
Incident Energy (MeV)

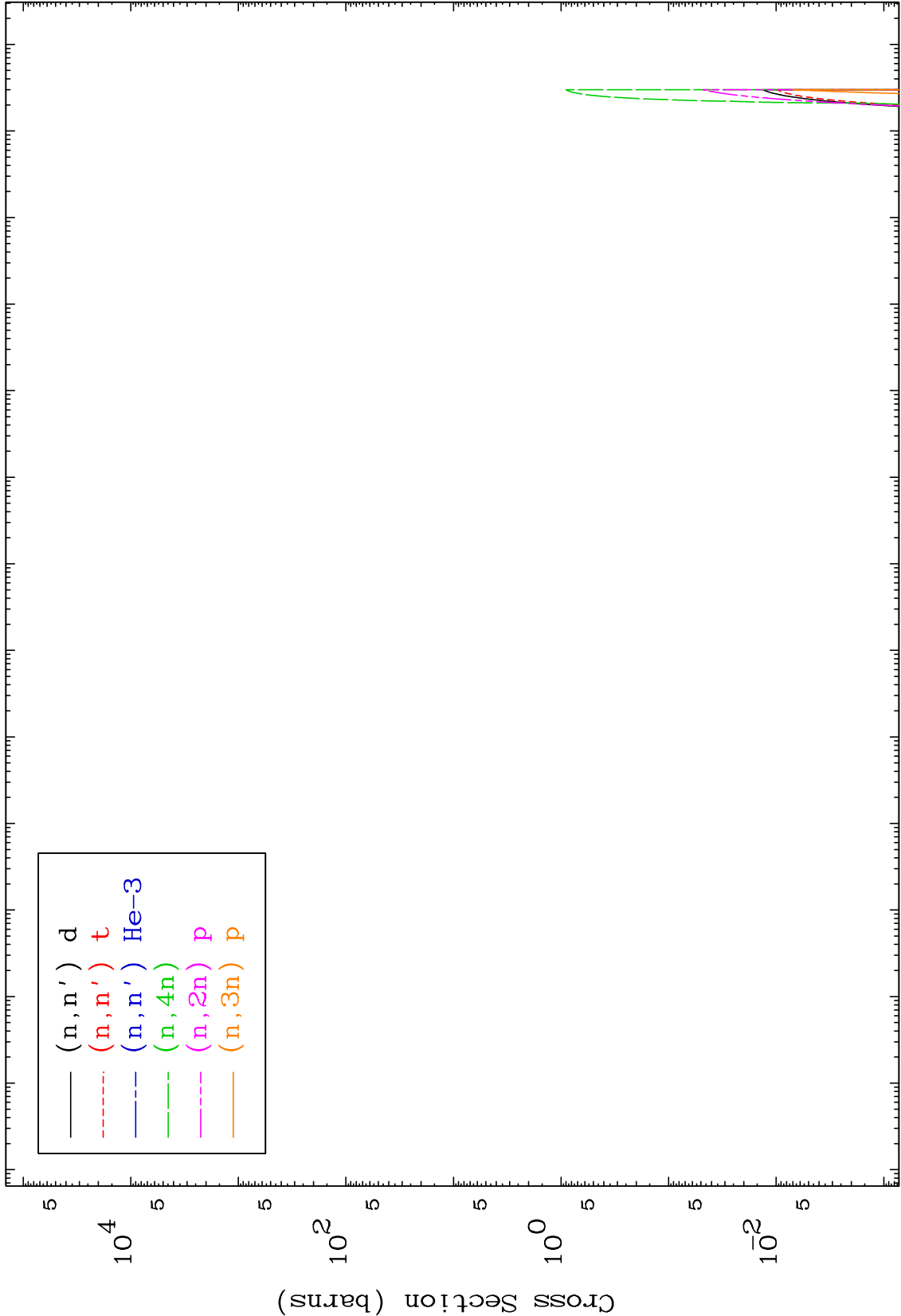
61-Pm-148

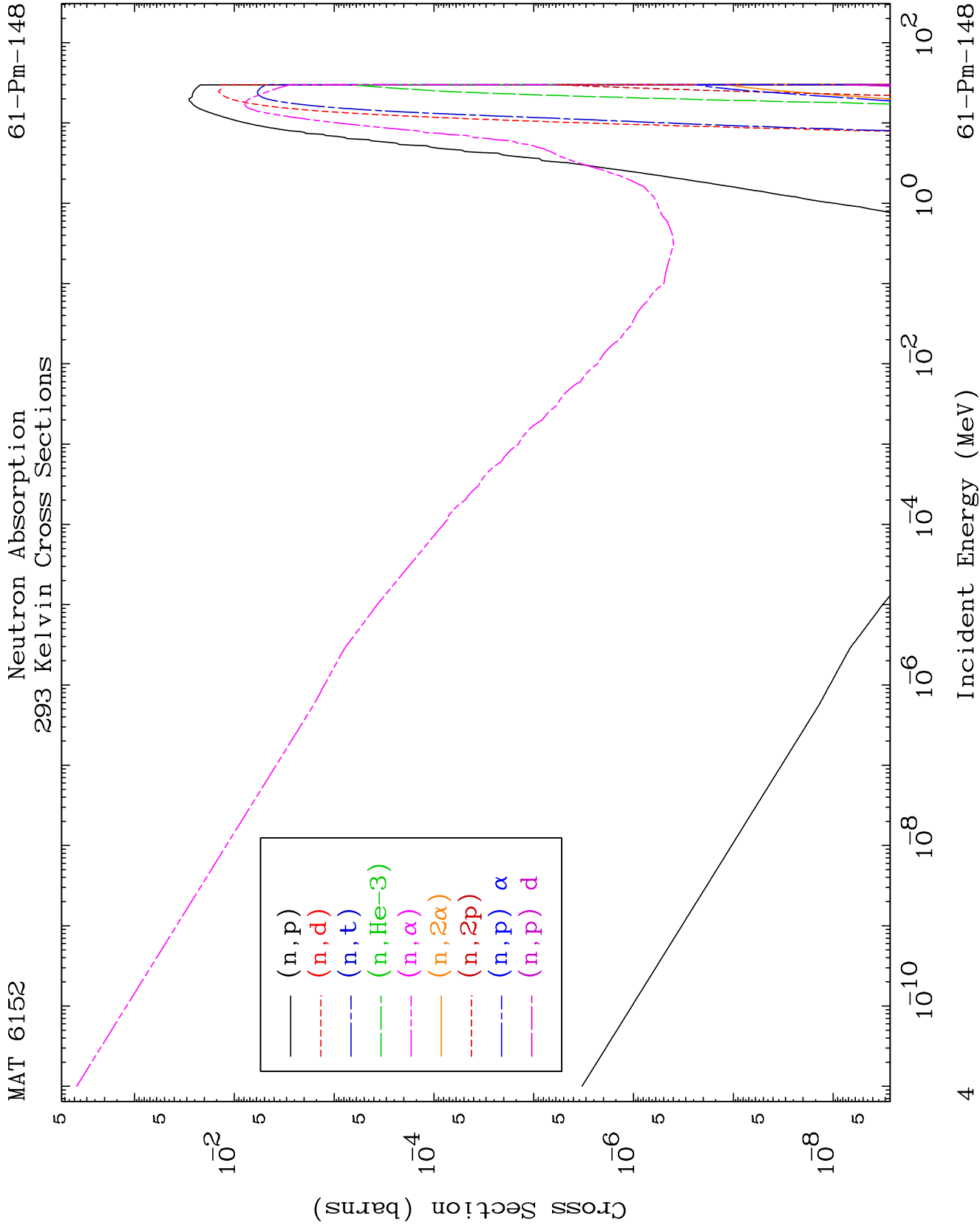
MAT 6152

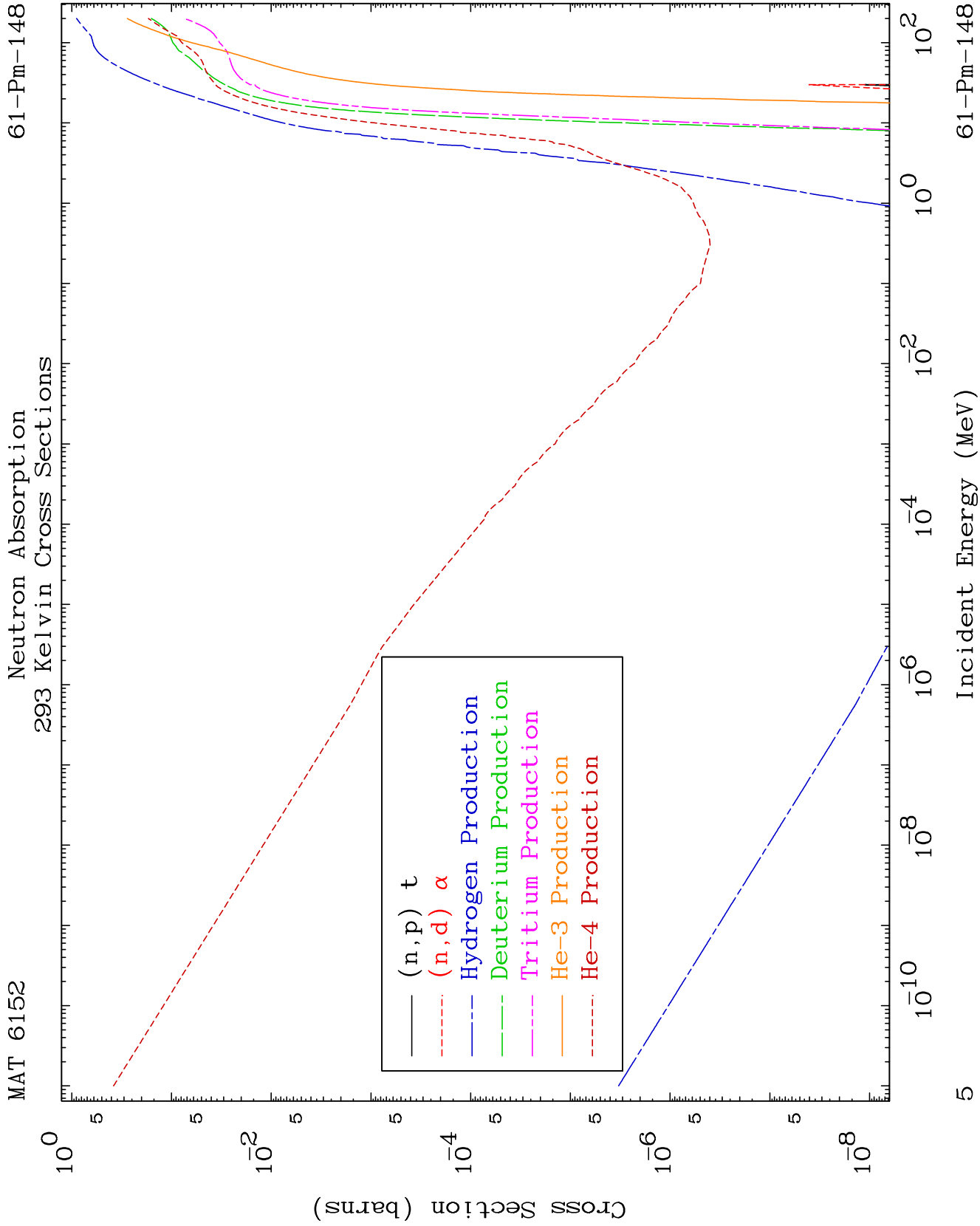
Neutron Absorption
293 Kelvin Cross Sections

61-Pm-148





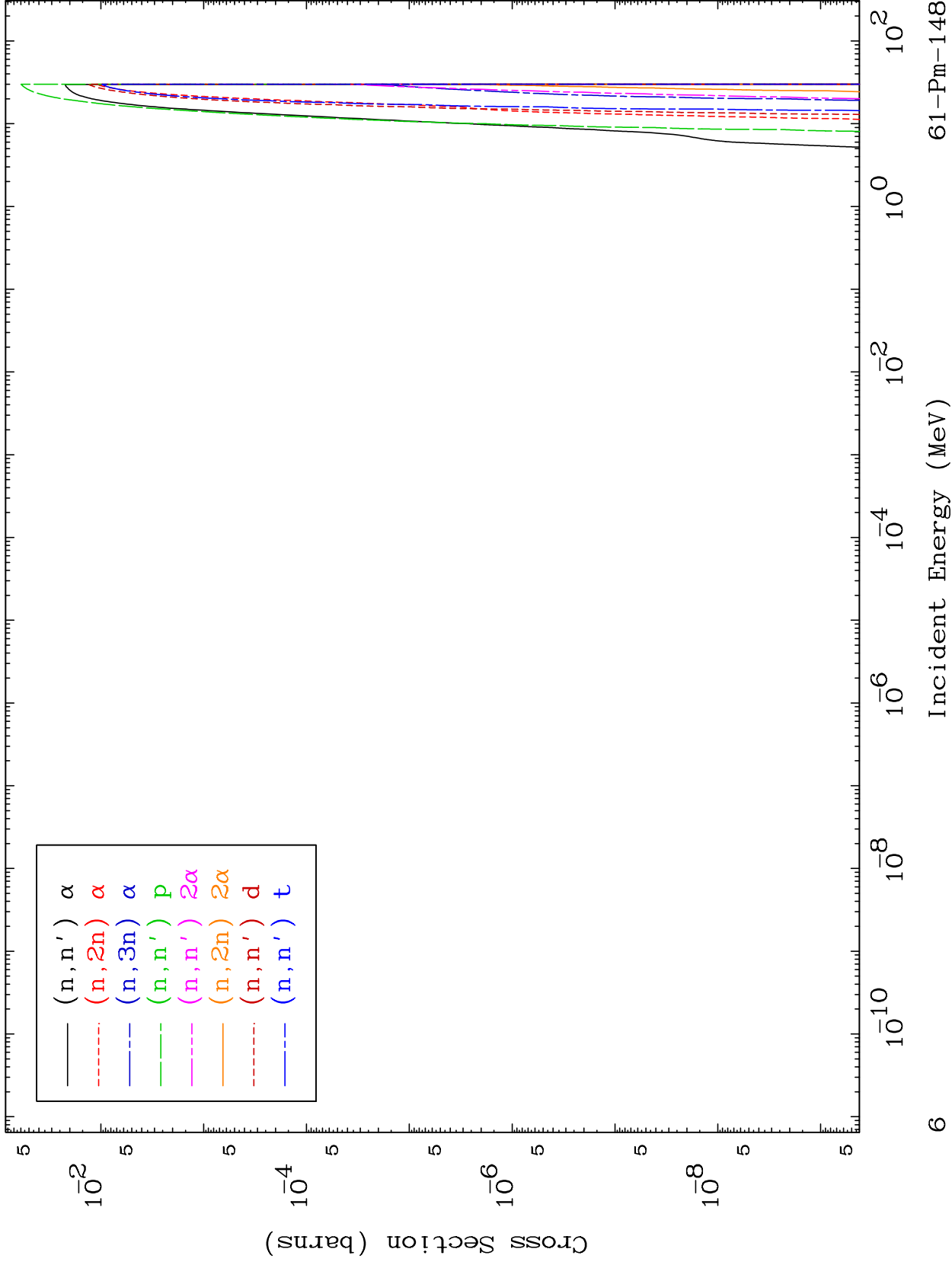


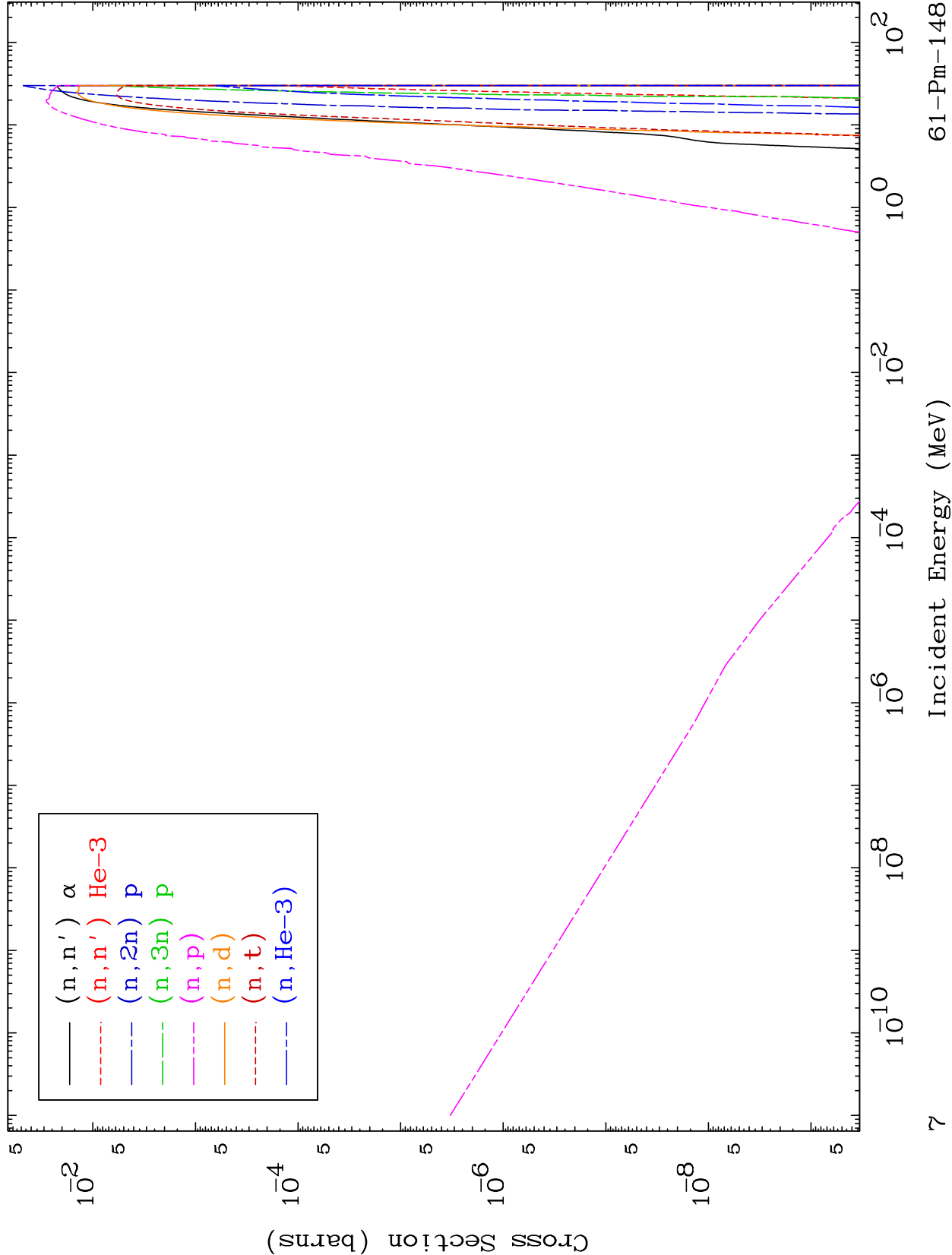


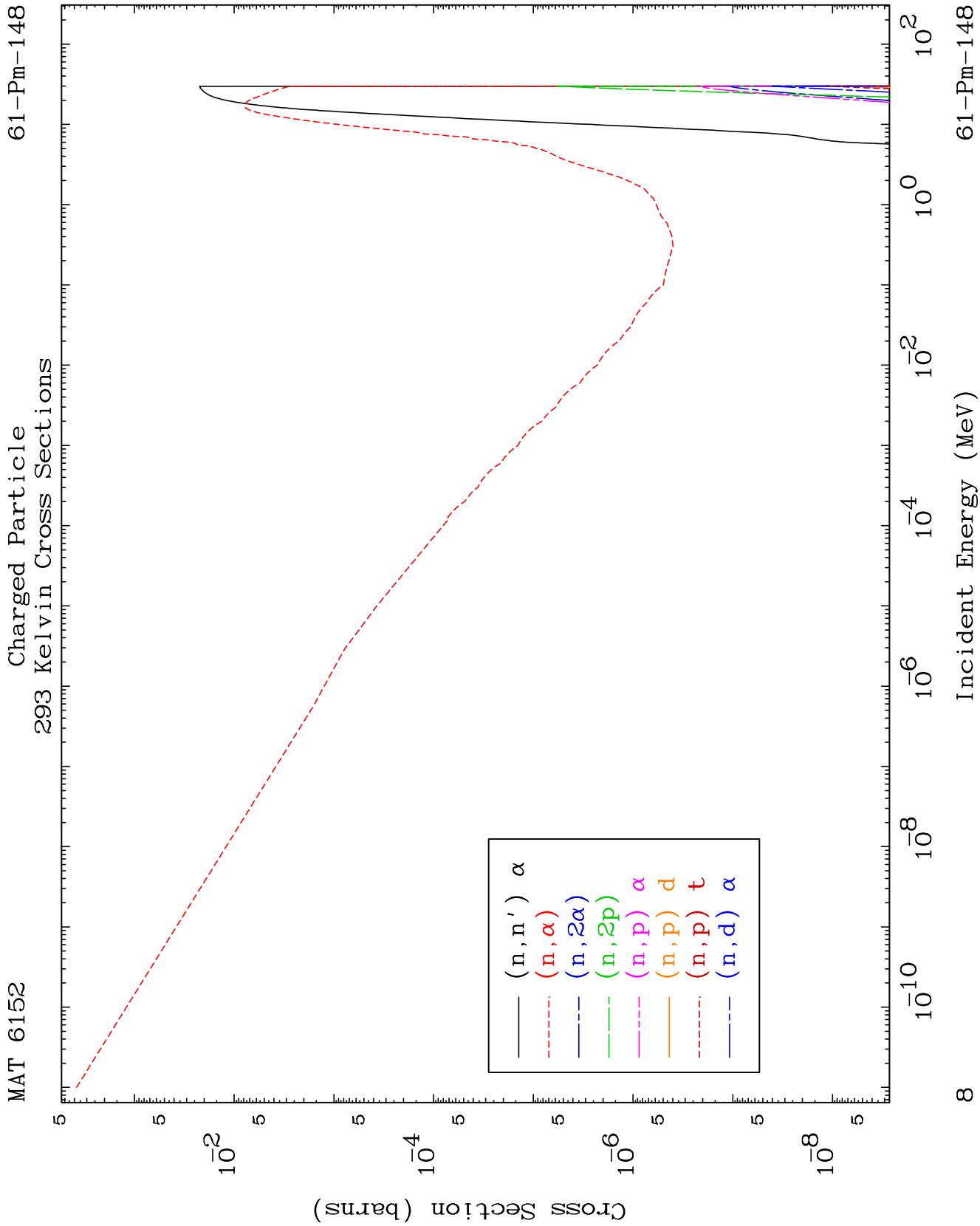
MAT 6152

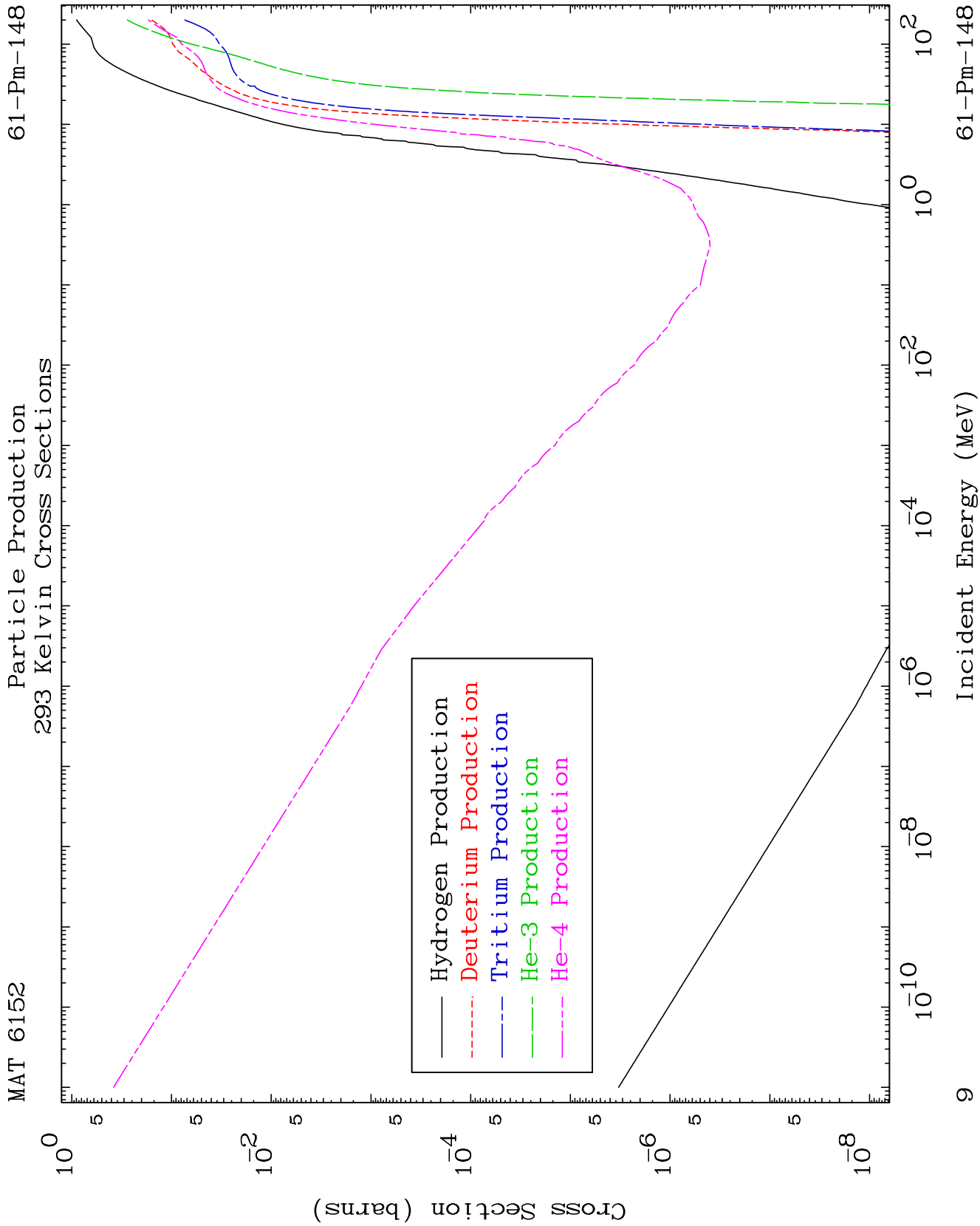
Charged Particle
293 Kelvin Cross Sections

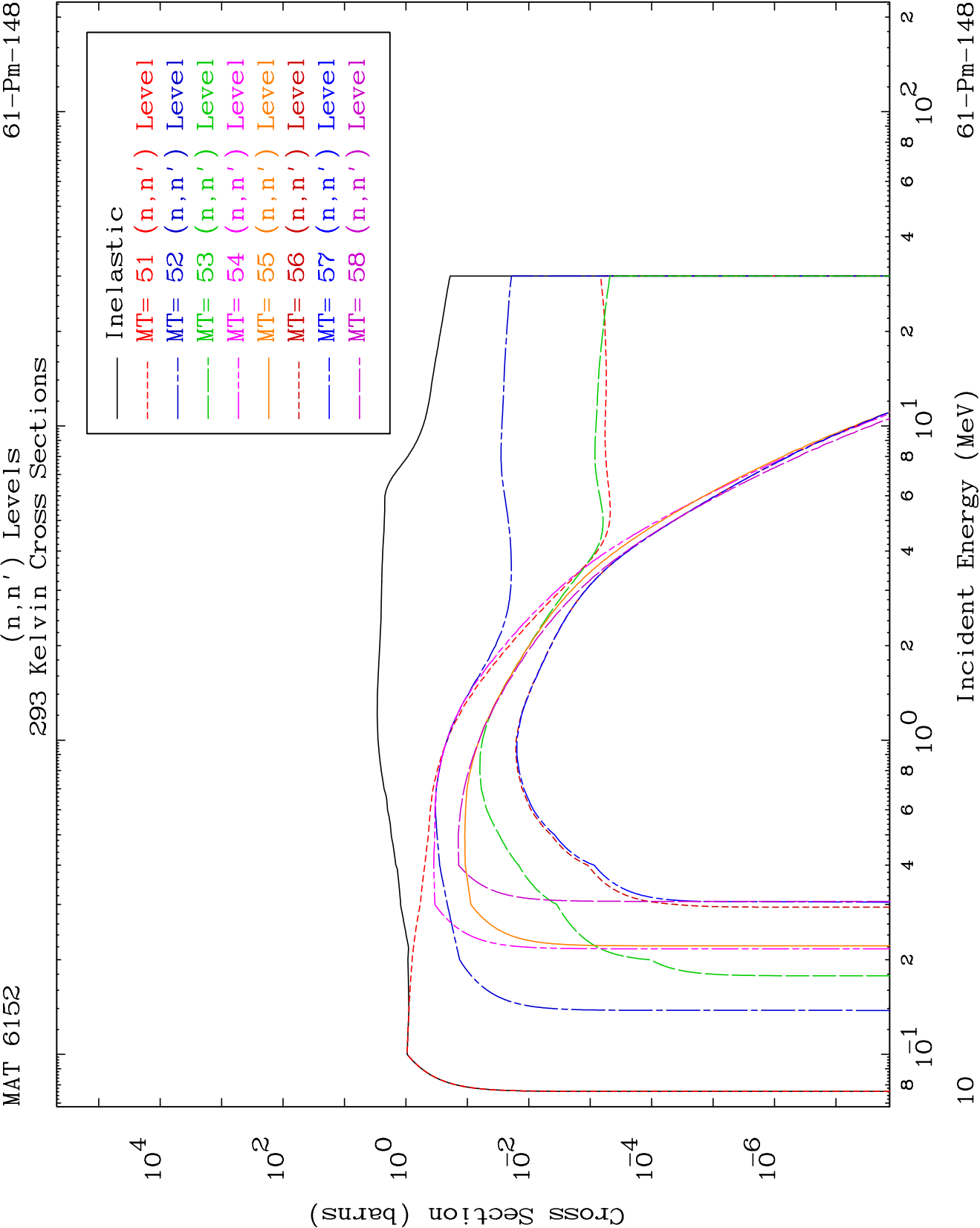
61-Pm-148



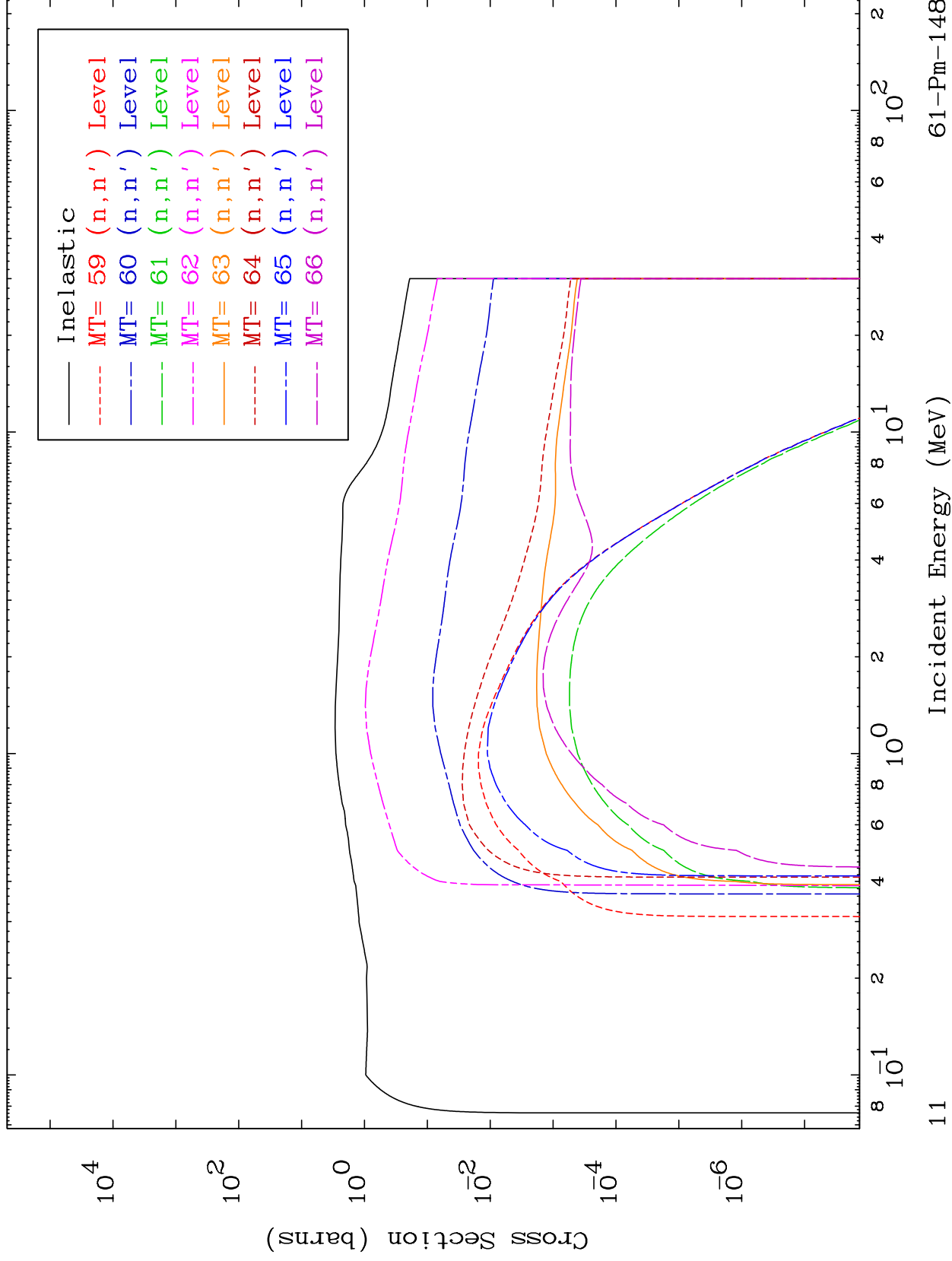


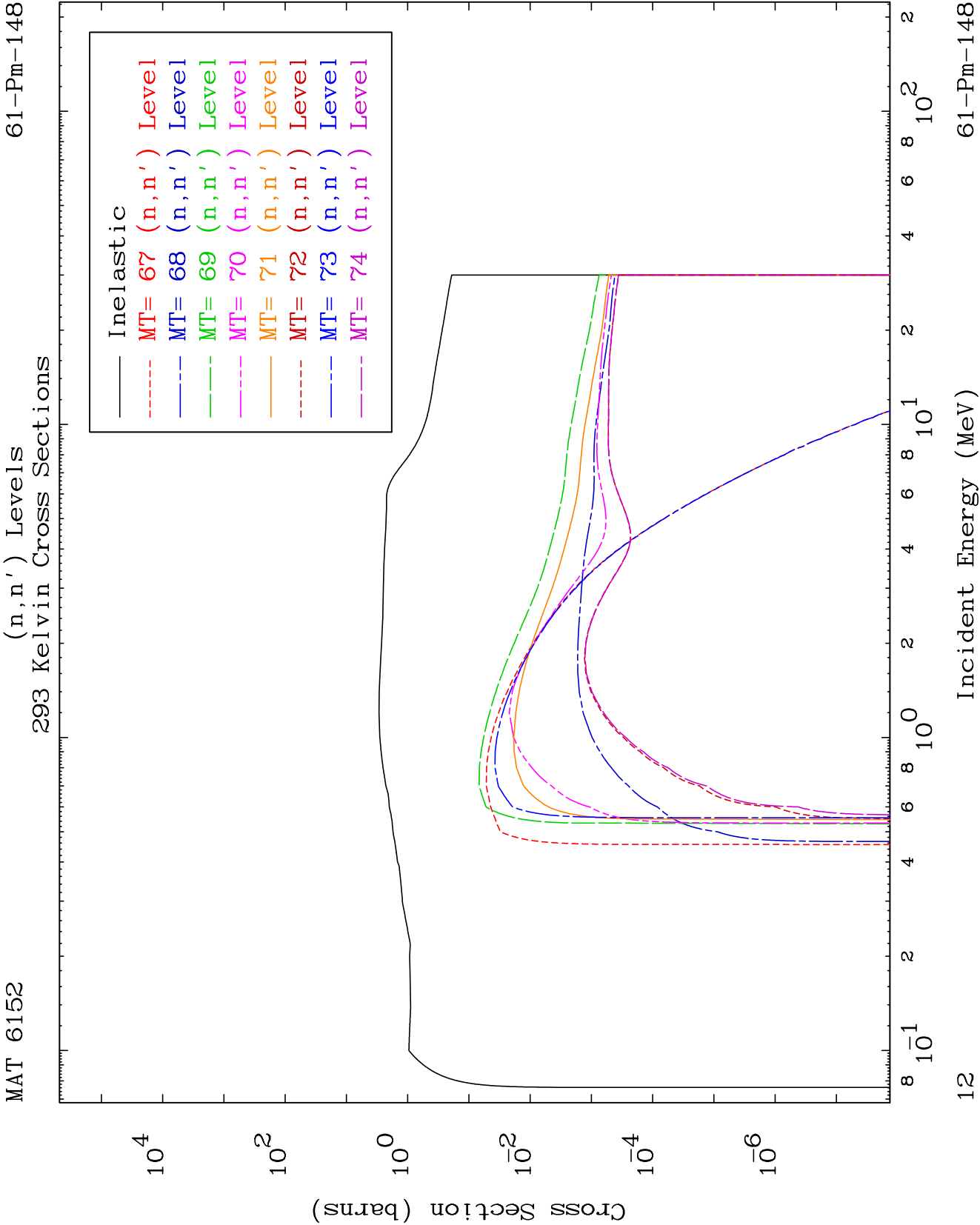






(n,n') Levels
293 Kelvin Cross Sections



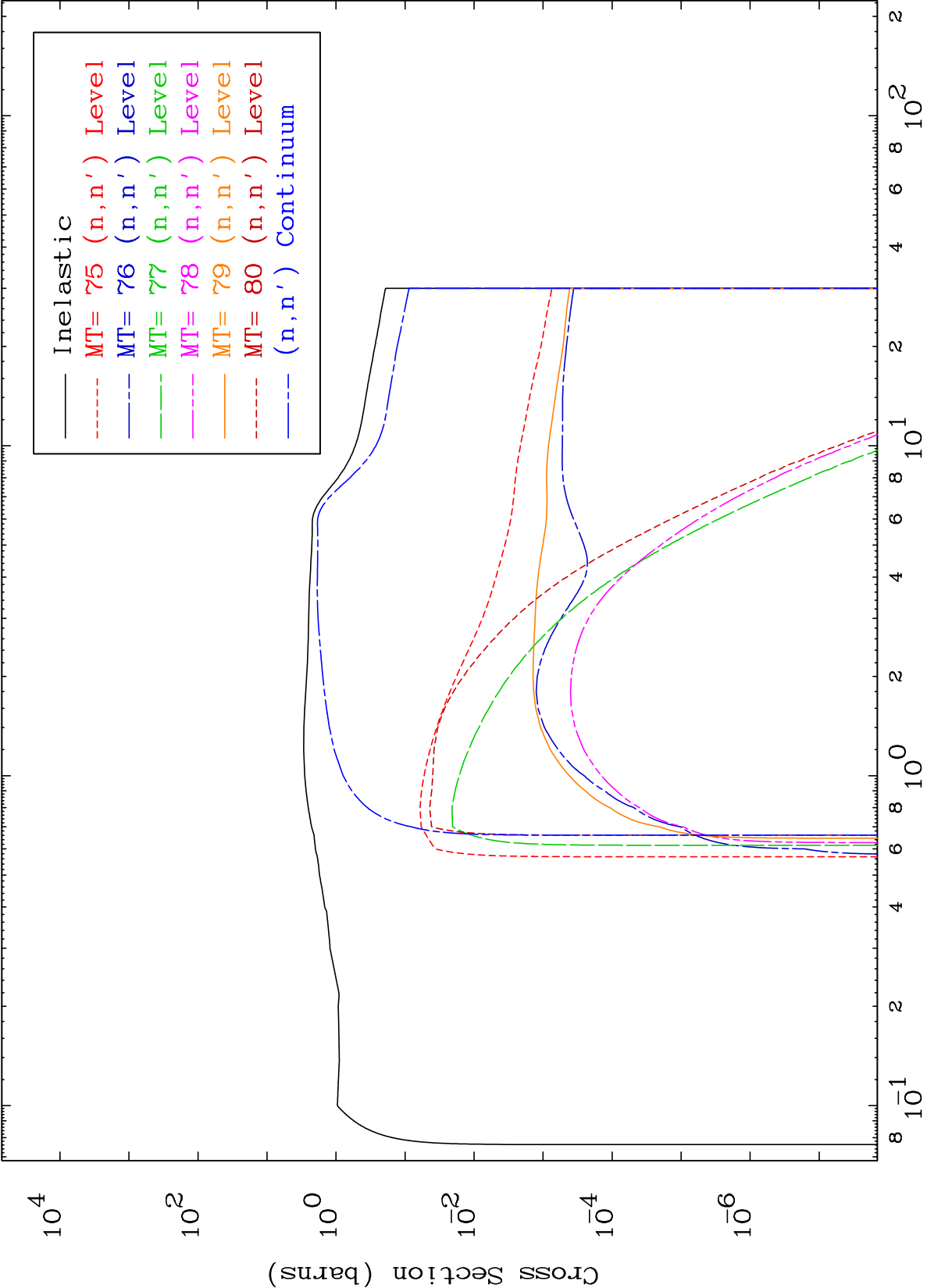


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(n,n') Levels

293 Kelvin Cross Sections

61-Pm-148



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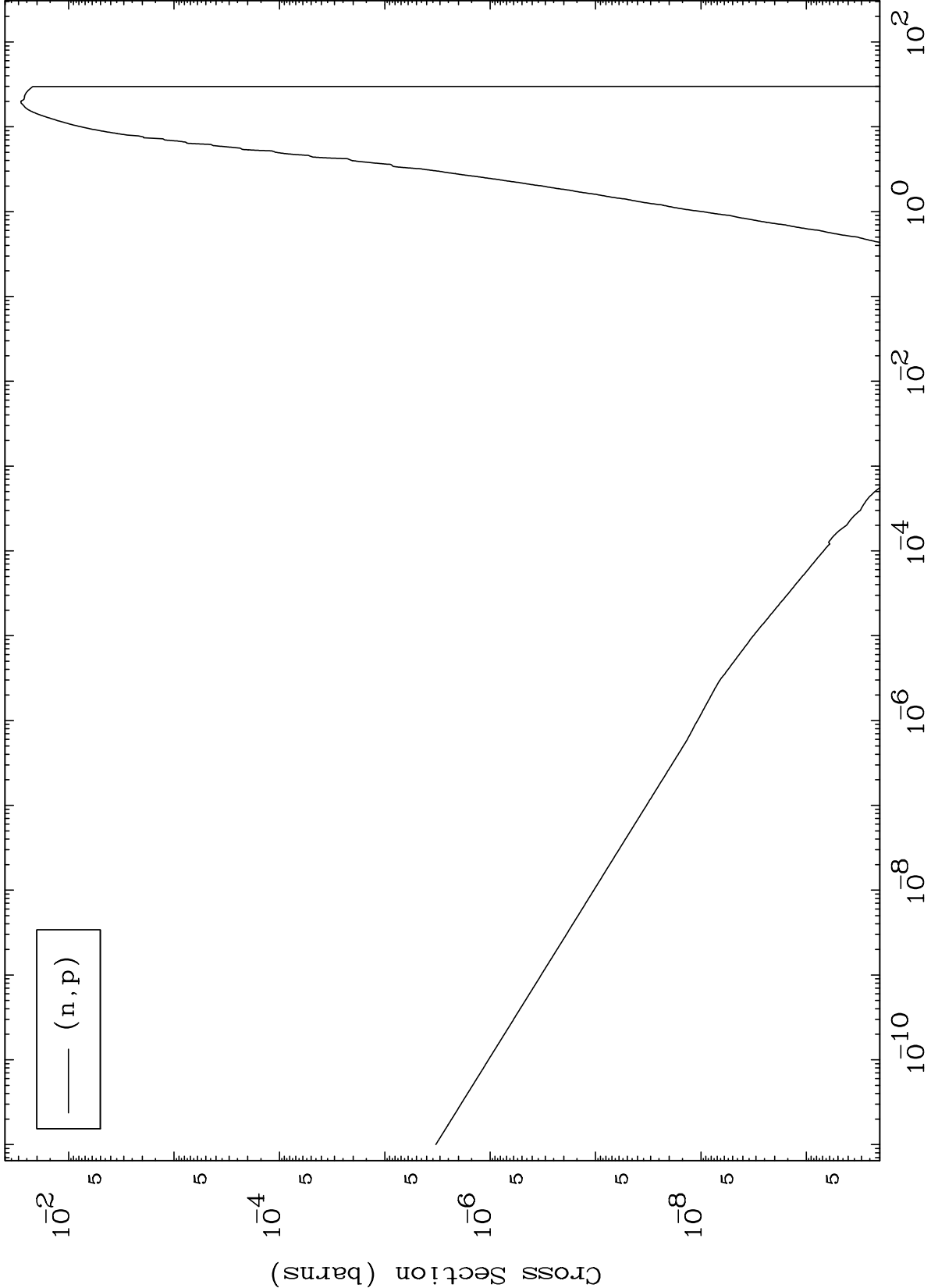
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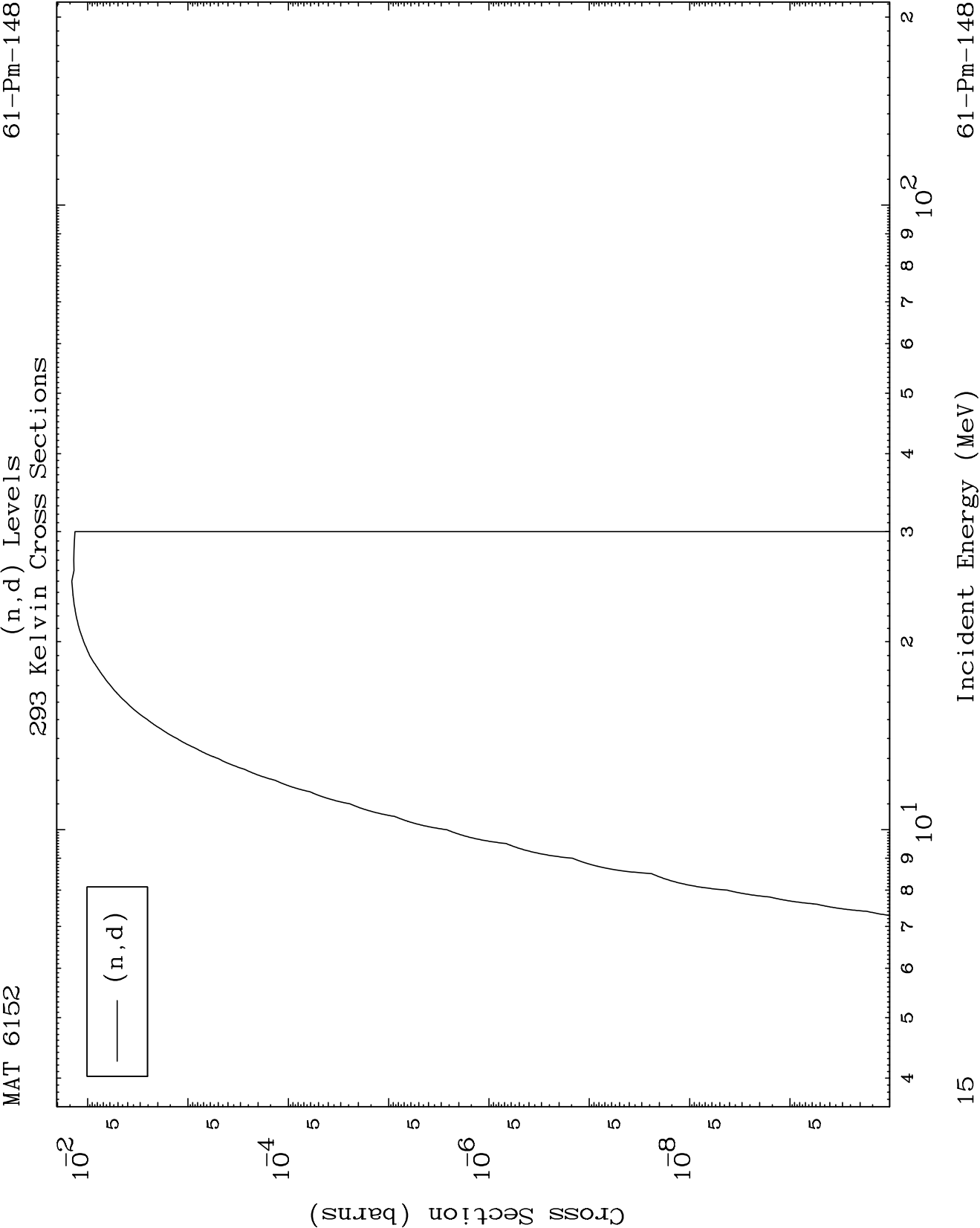
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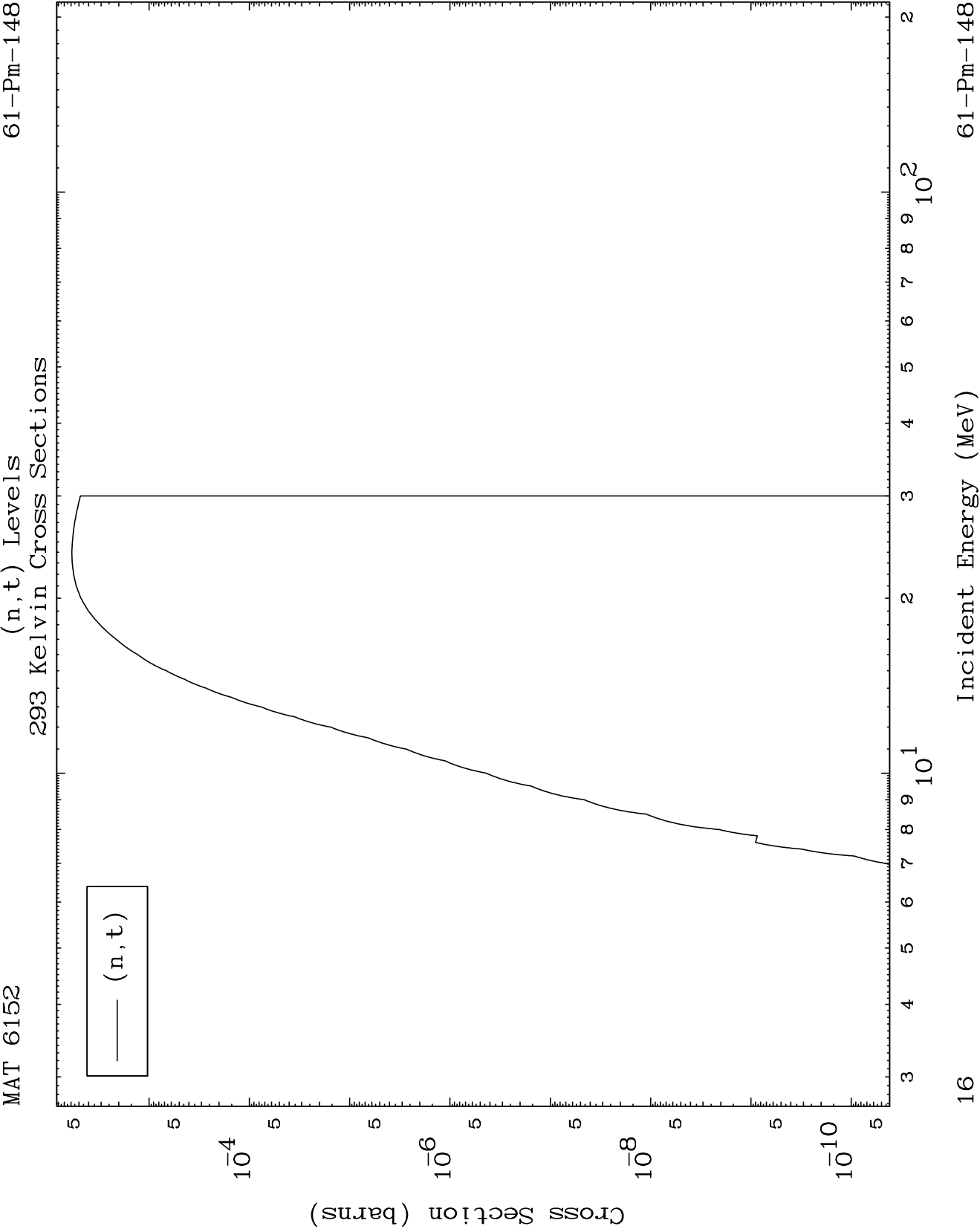
MAT 6152

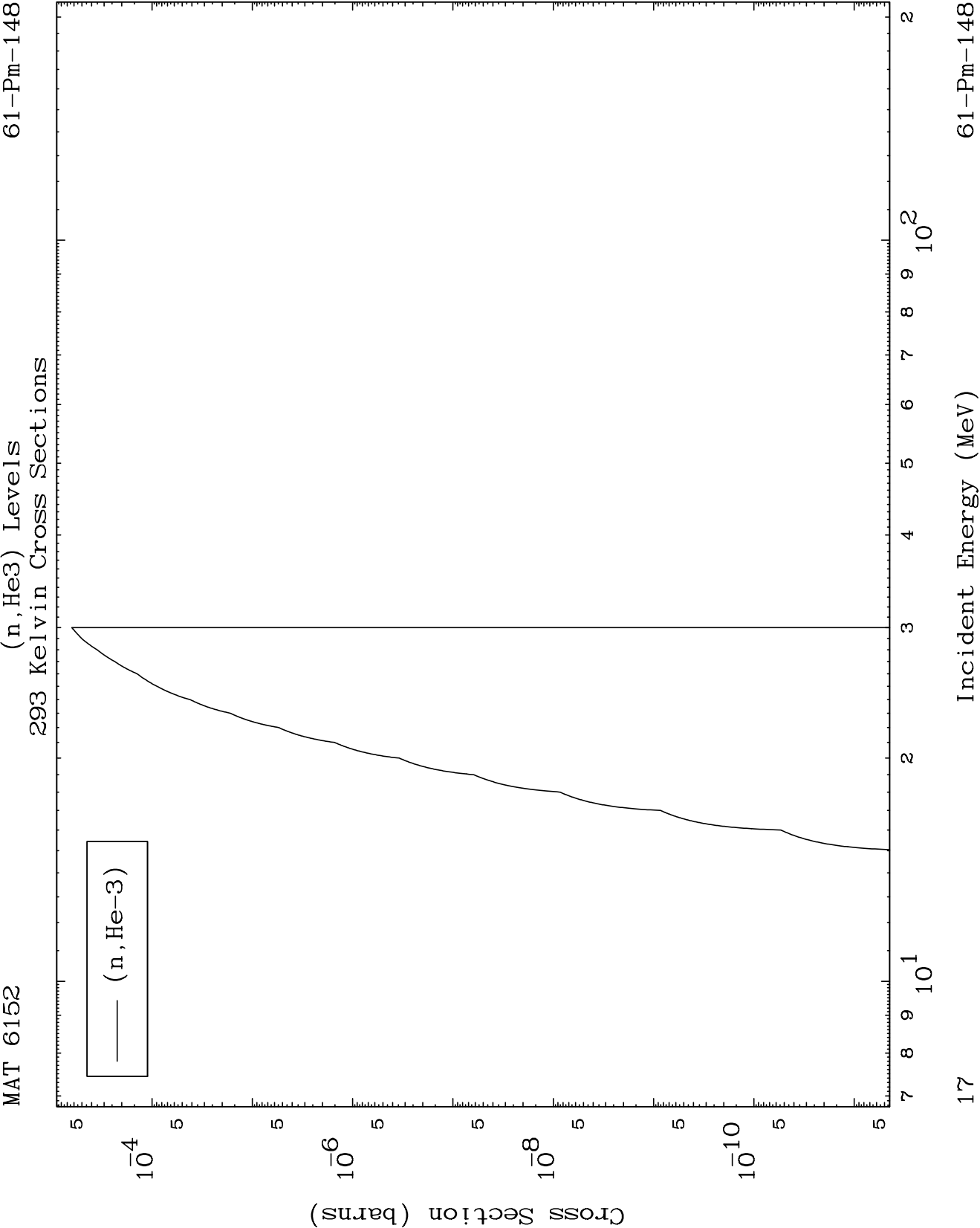
(n,p) Levels
293 Kelvin Cross Sections

61-Pm-148





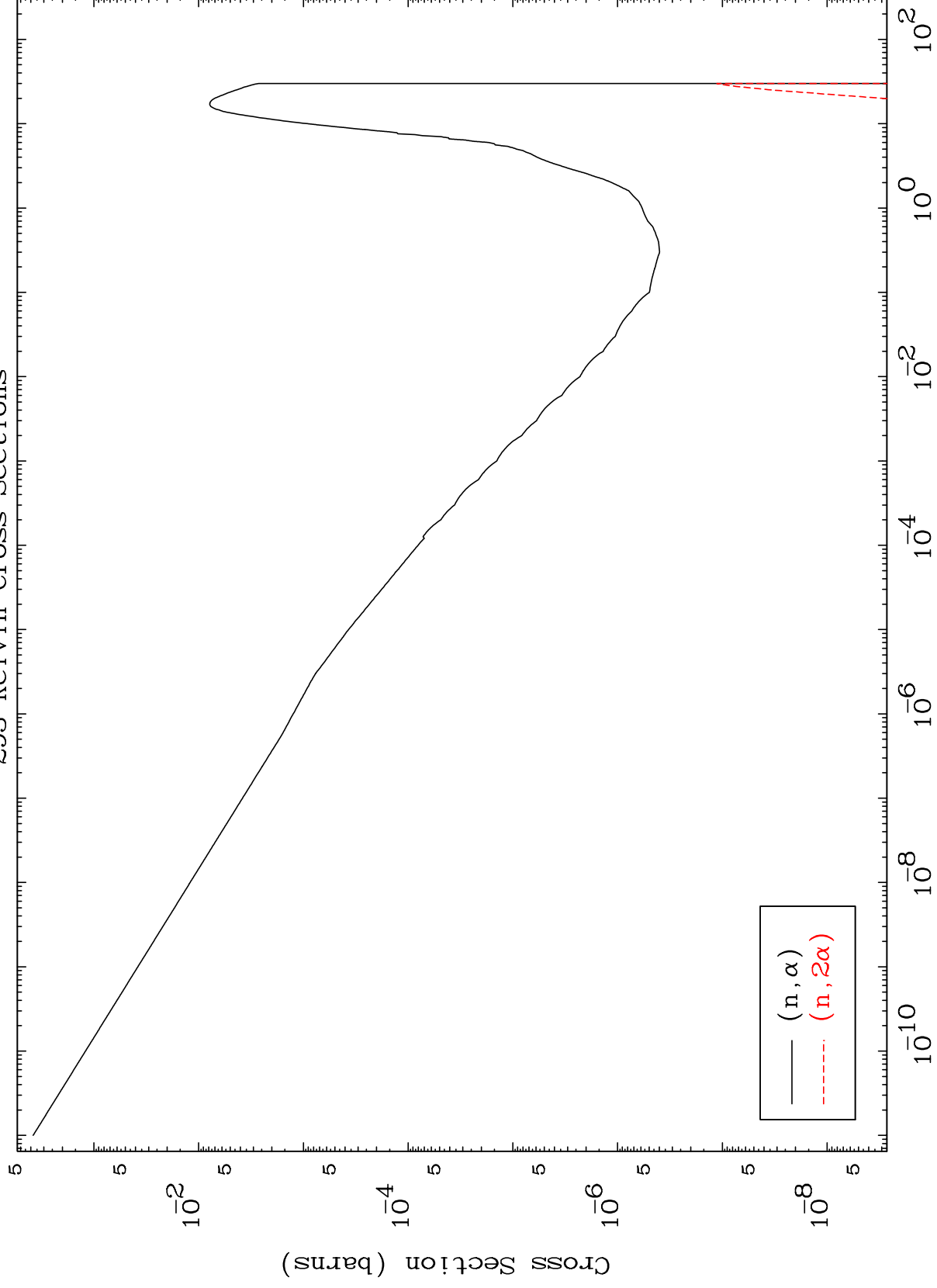




MAT 6152

(n, α) Levels
293 Kelvin Cross Sections

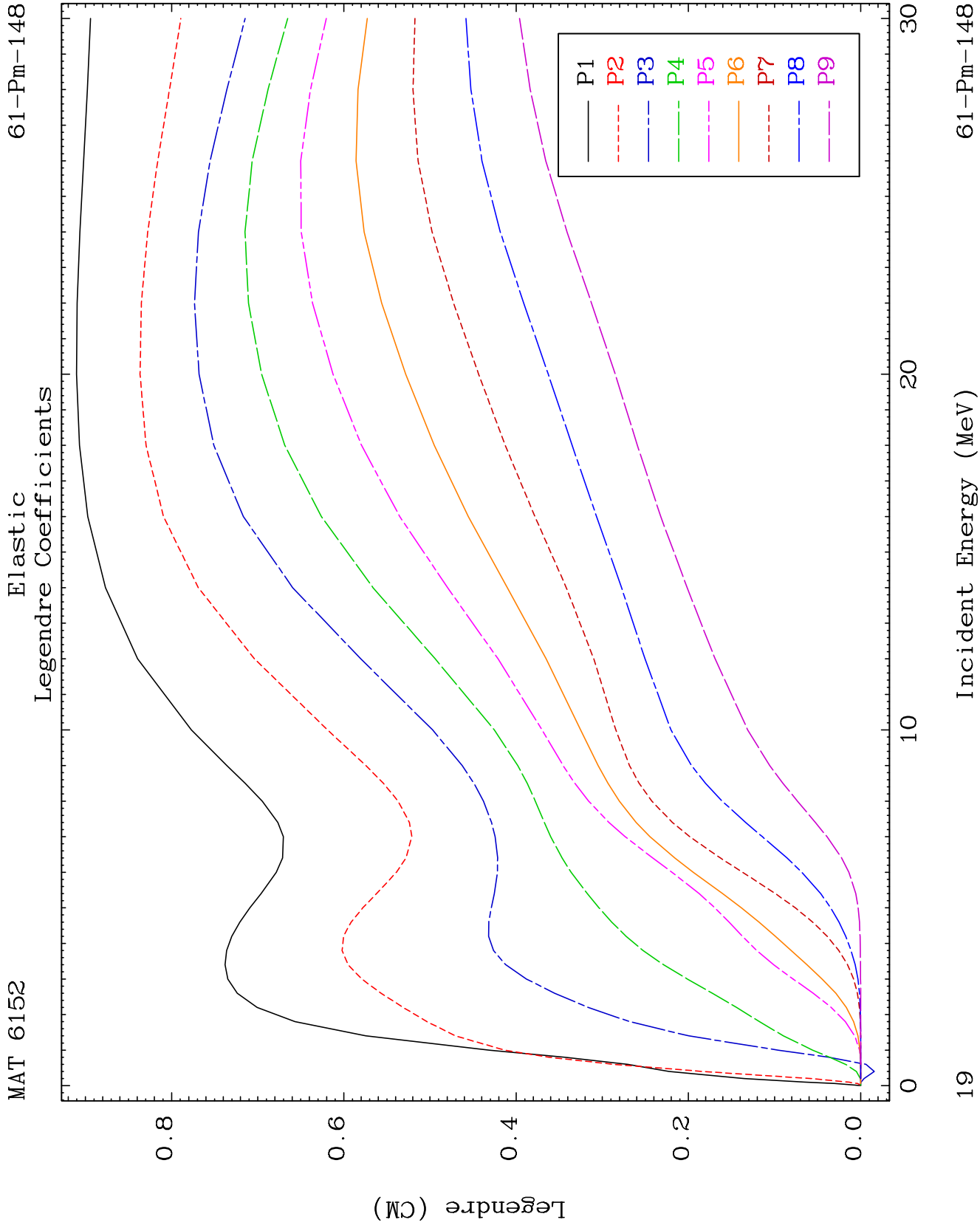
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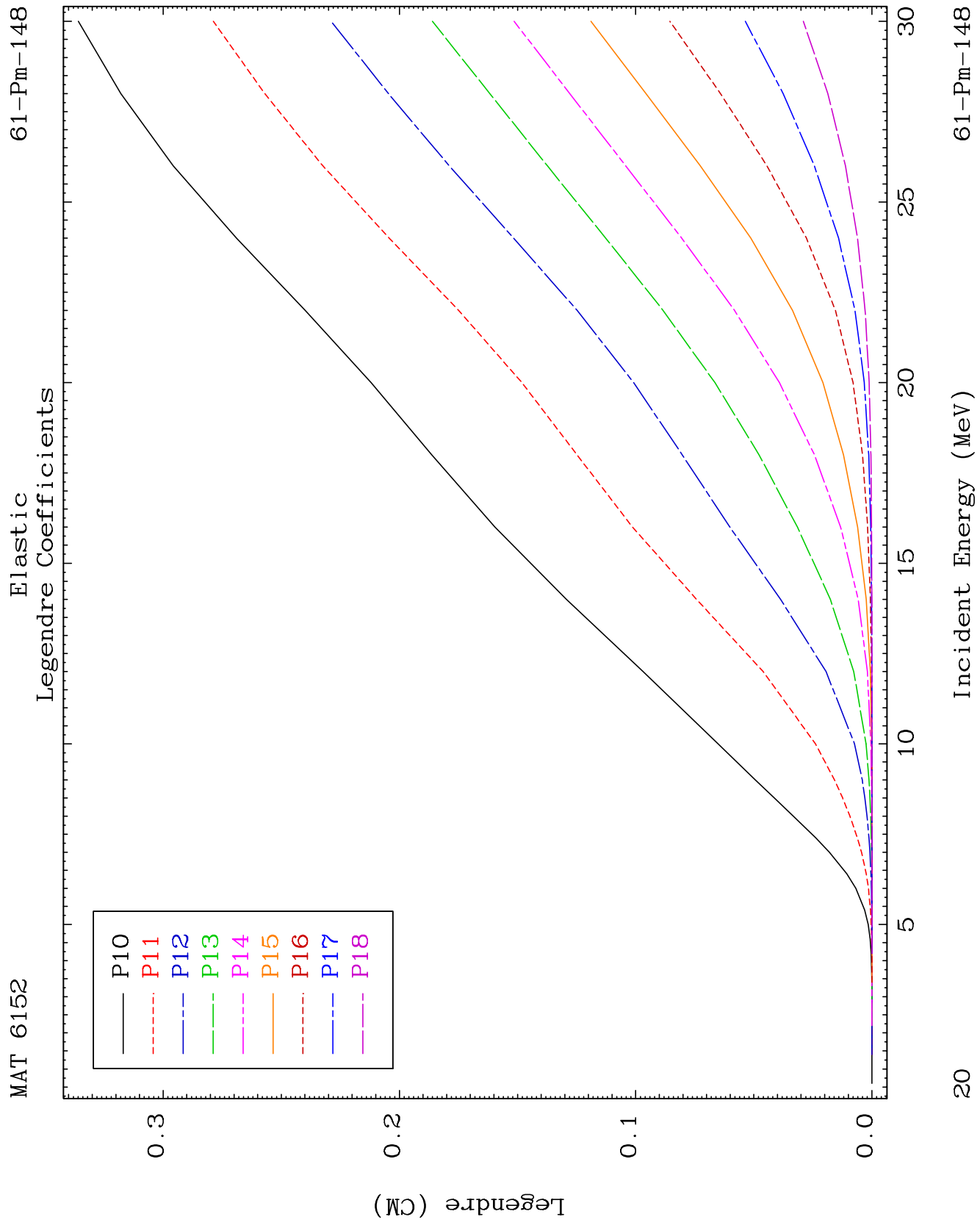


18

Incident Energy (MeV)

61-Pm-148

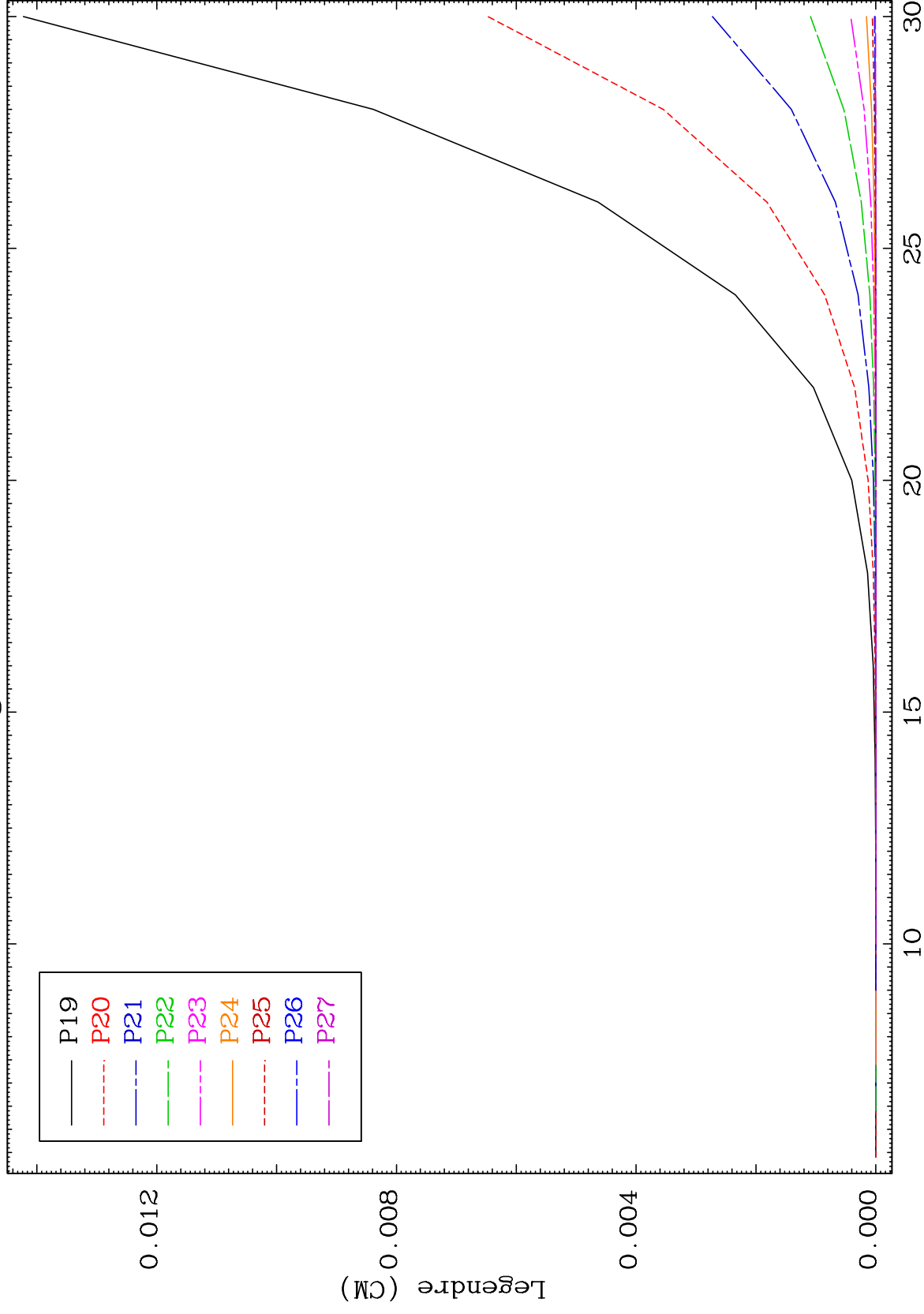




MAT 6152

Elastic Legendre Coefficients

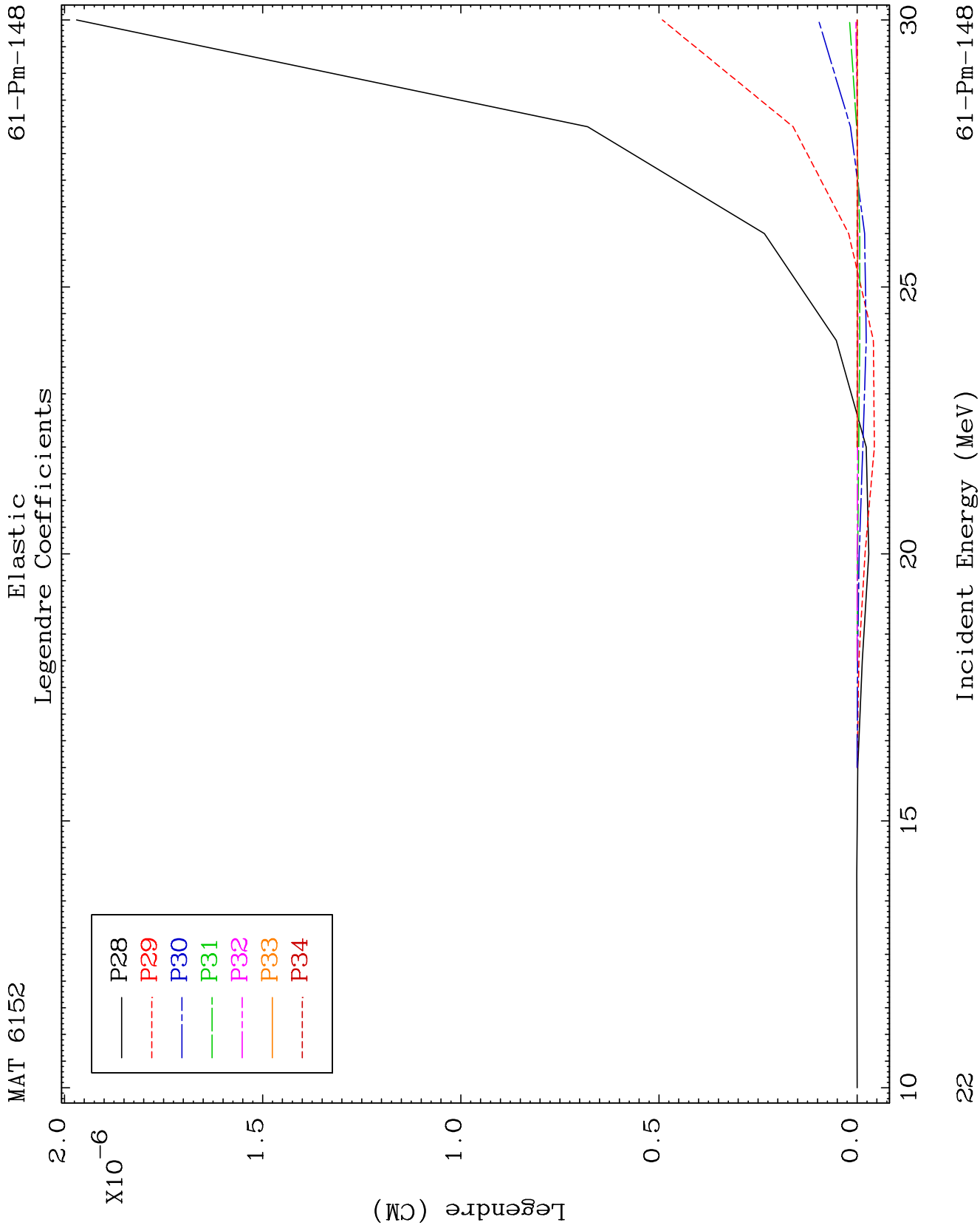
61-Pm-148



21

Incident Energy (MeV)

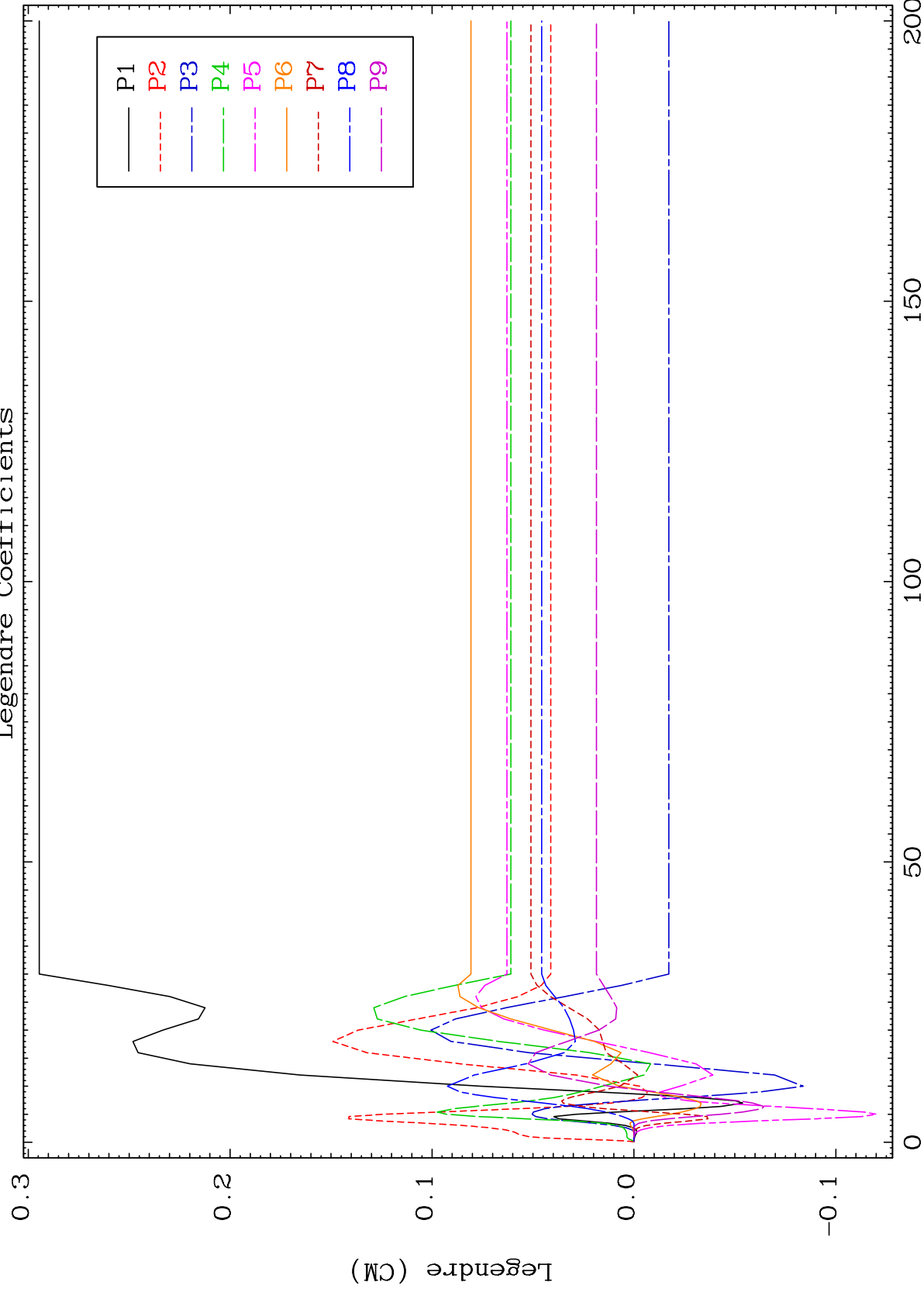
61-Pm-148



MAT 6152

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

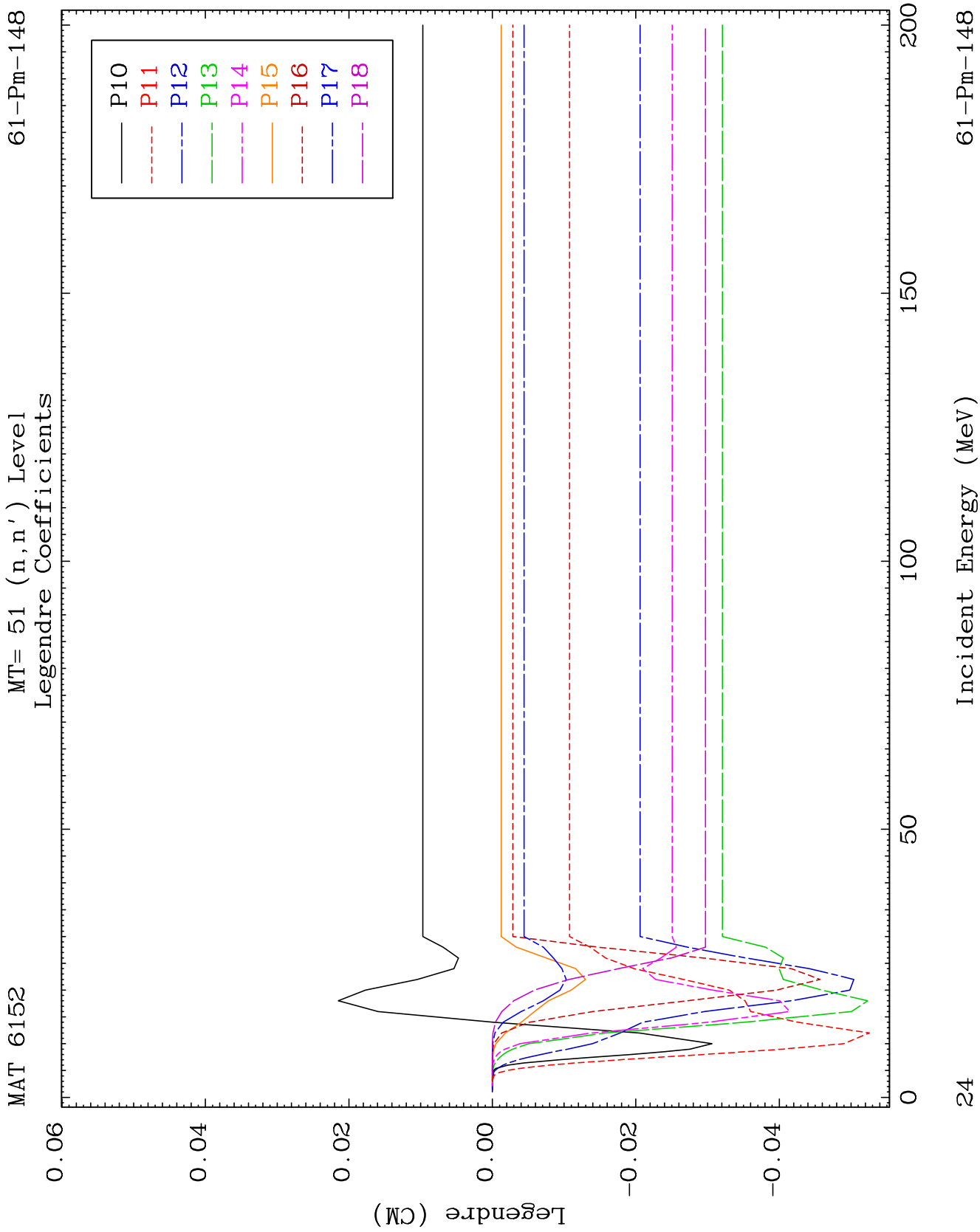
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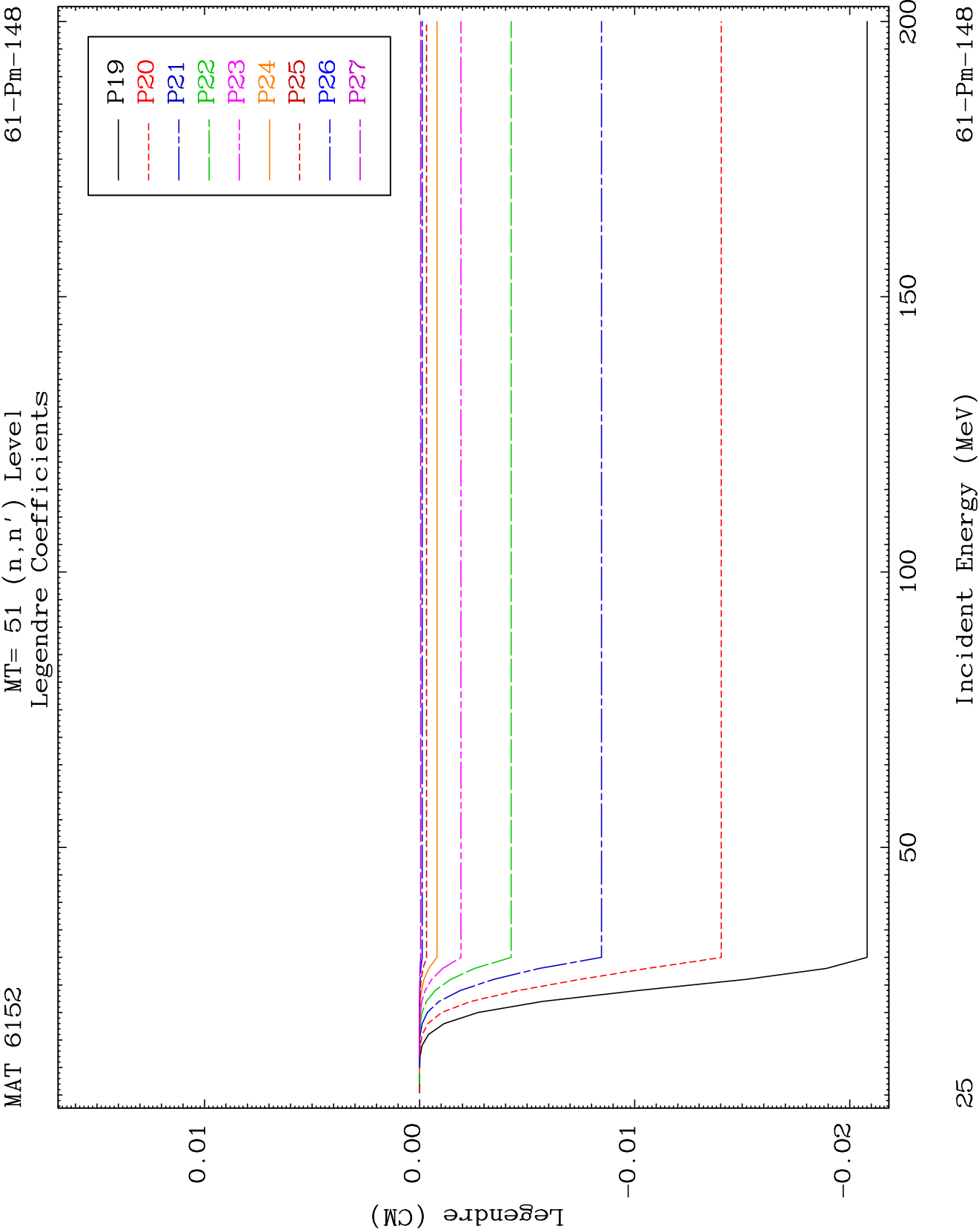


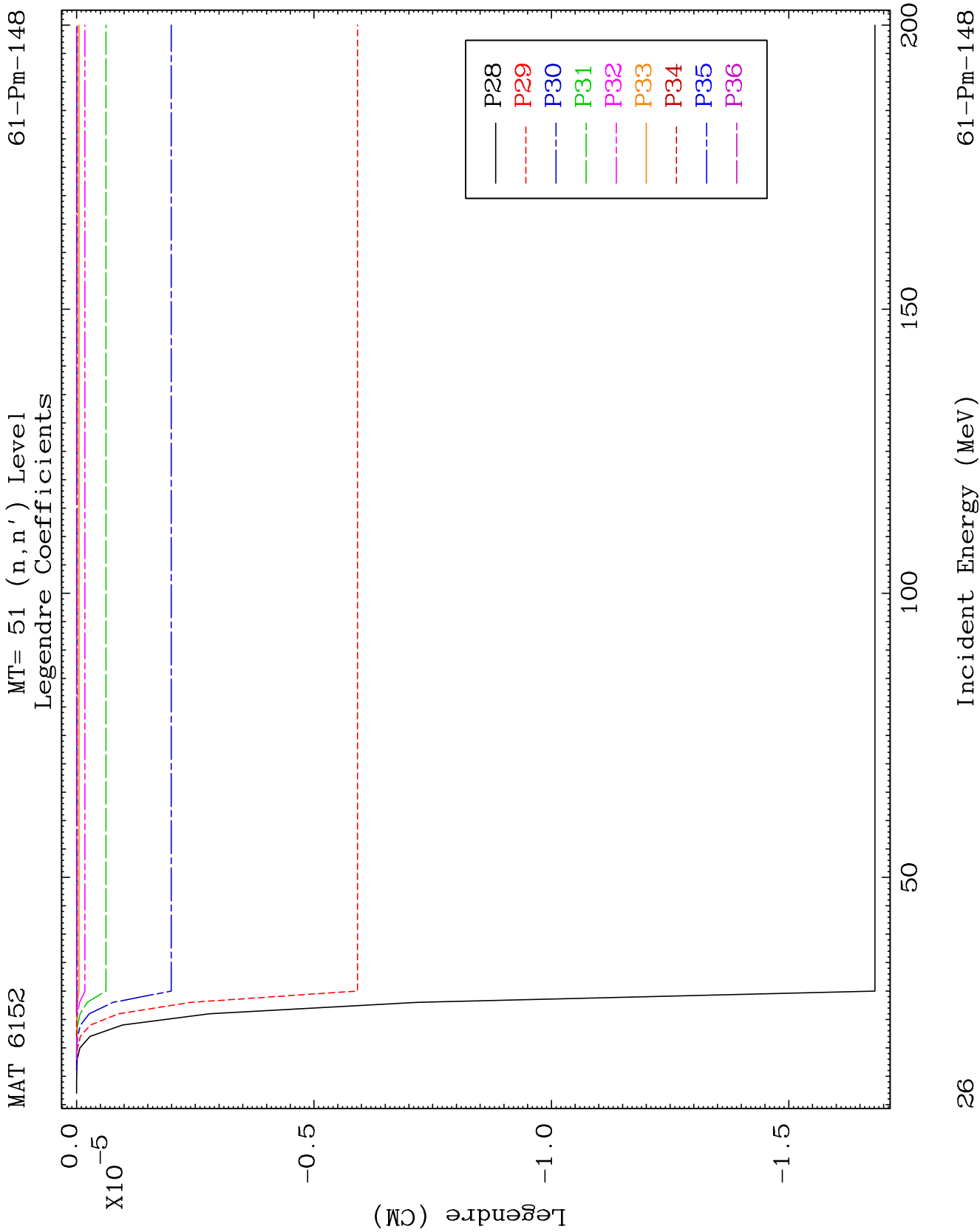
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Incident Energy (MeV)

61-Pm-148



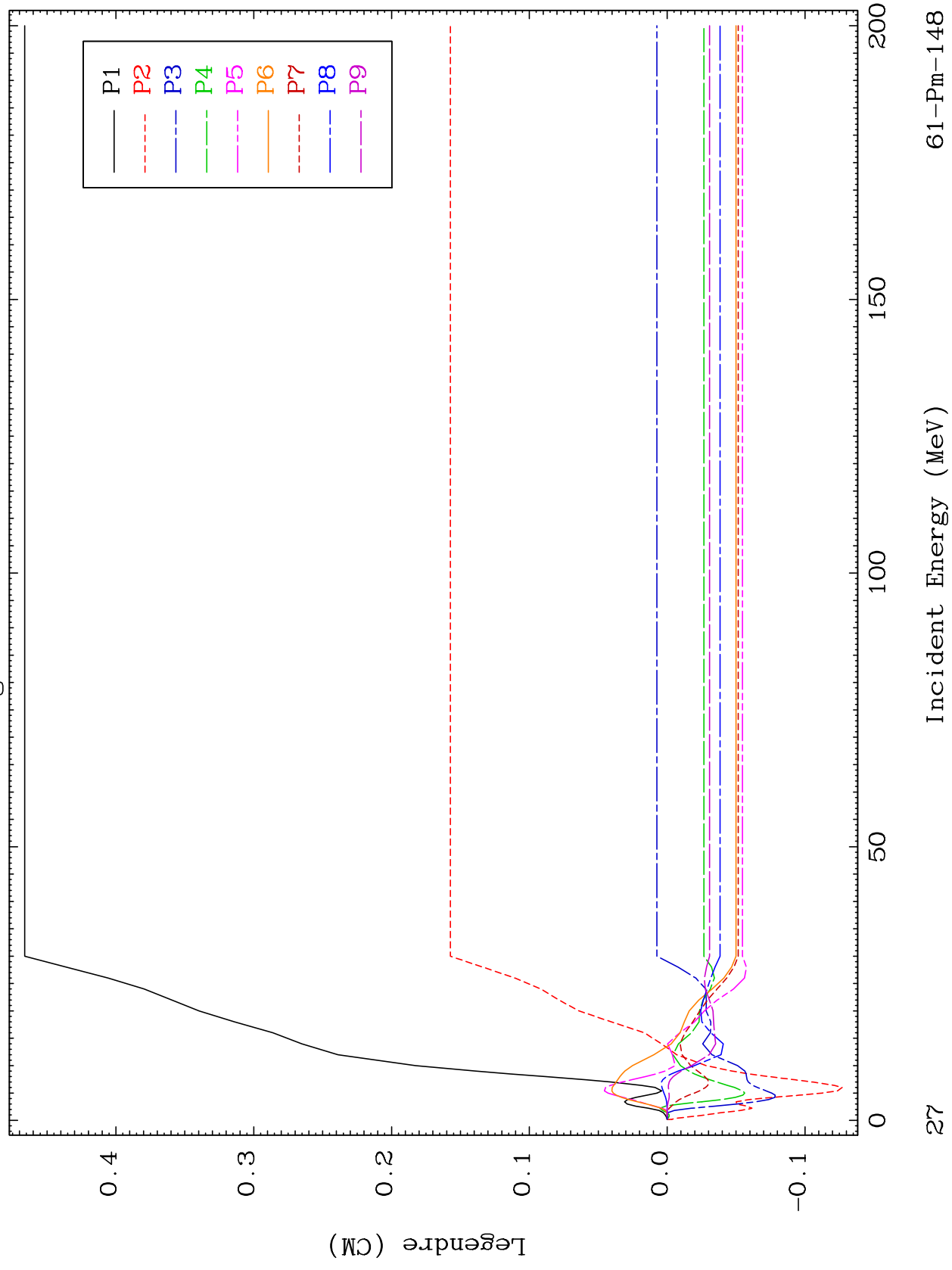




MAT 6152

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

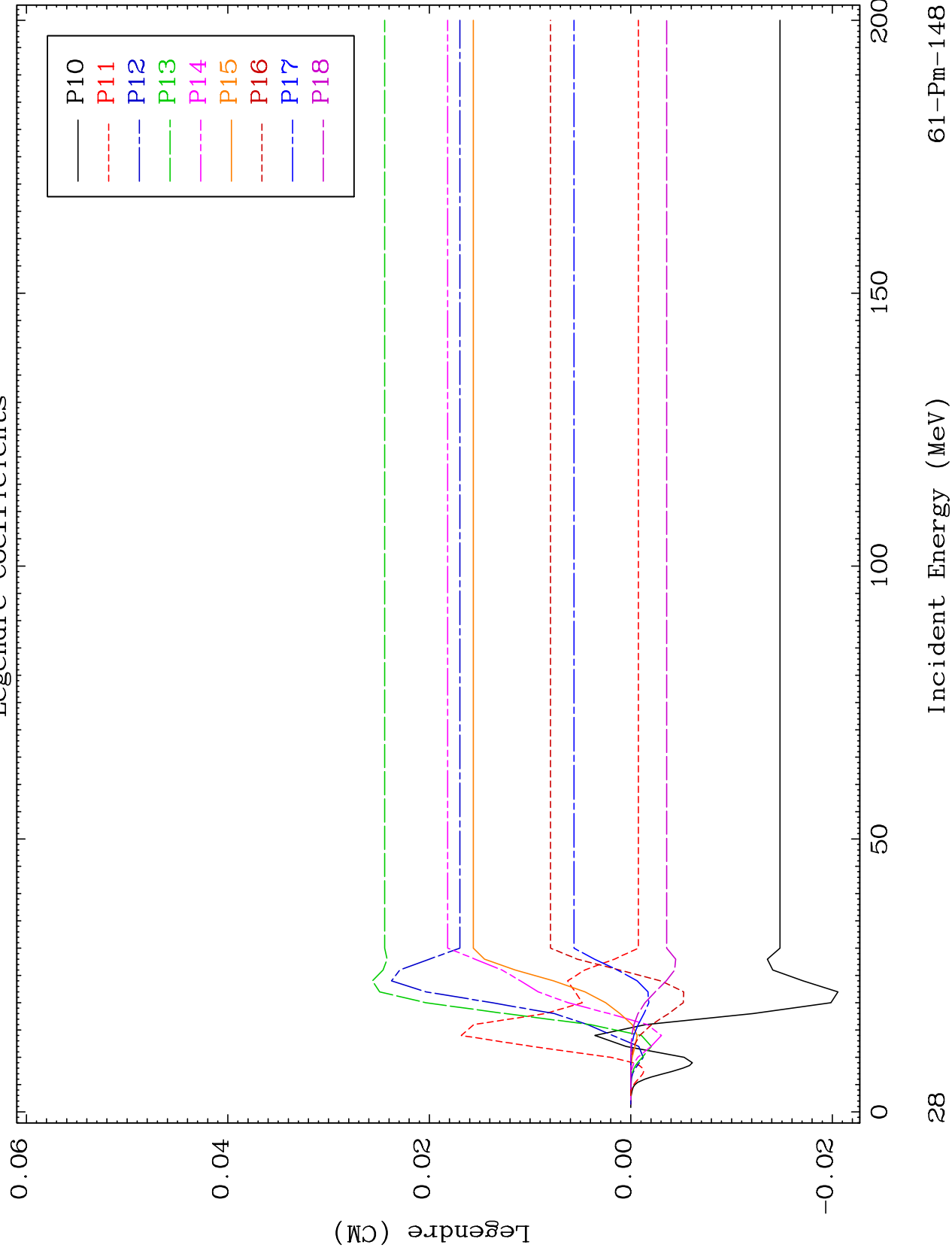
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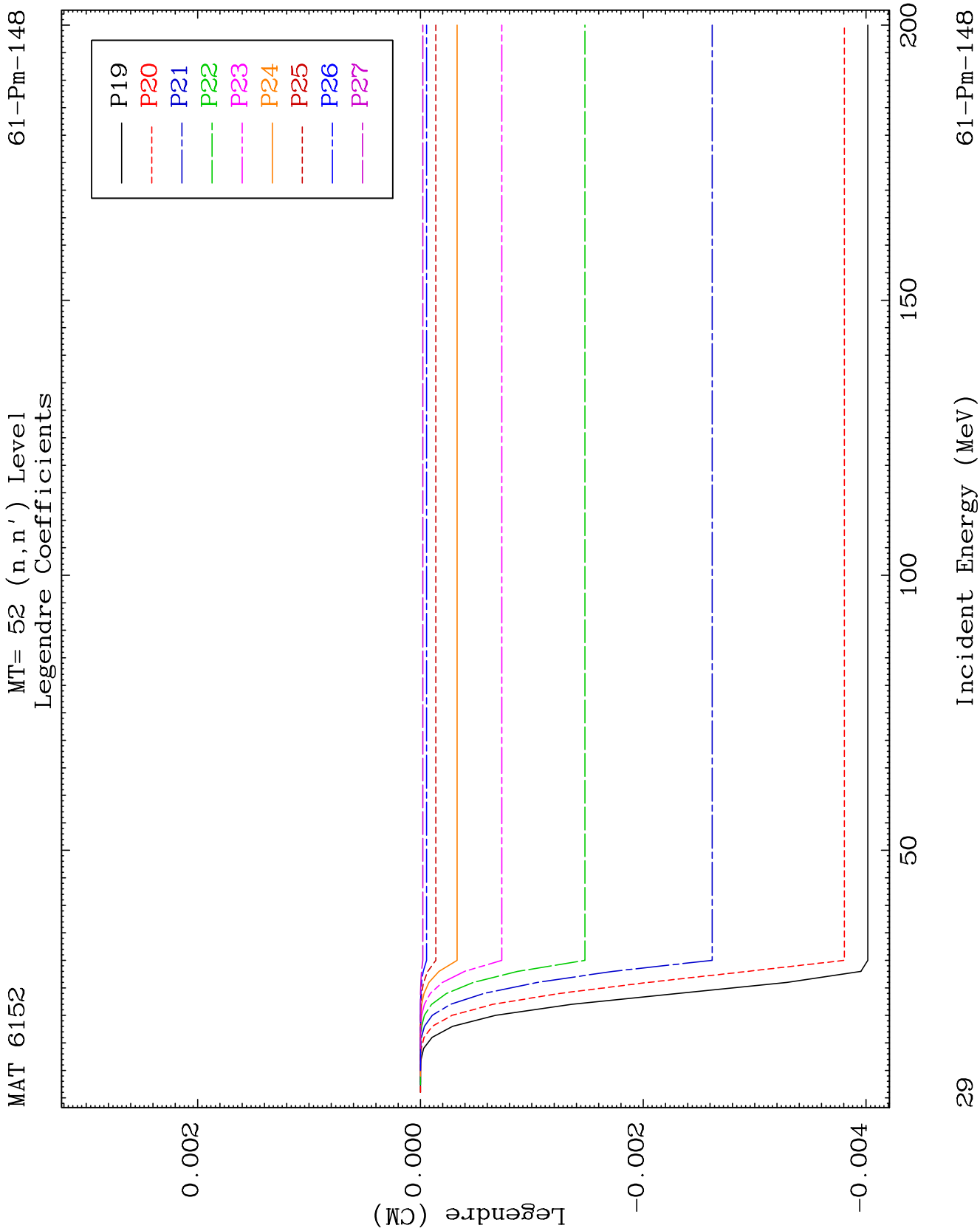


MAT 6152

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

61-Pm-148



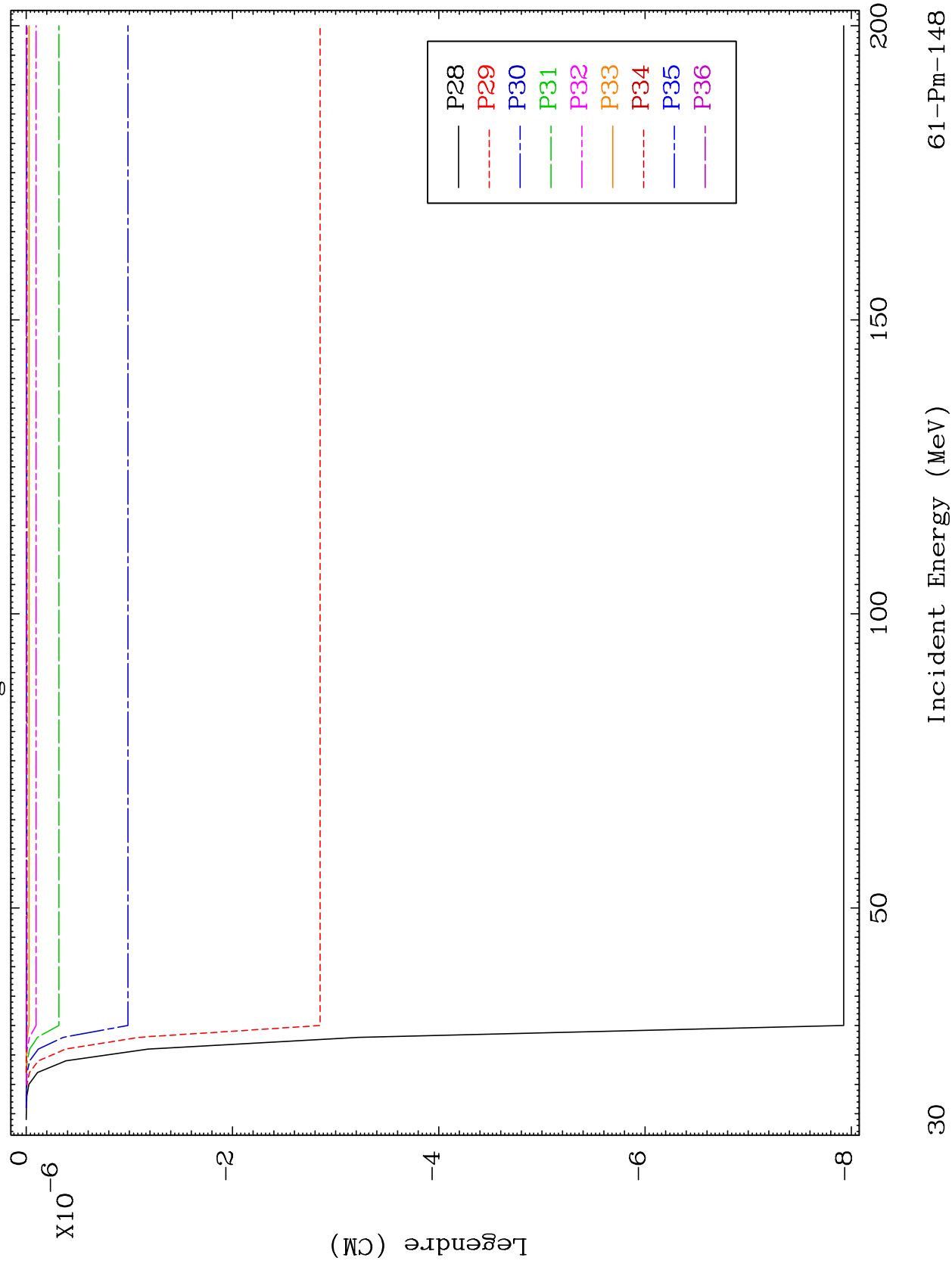


MAT 6152

MT= 52 (n, n') Level

61-Pm-148

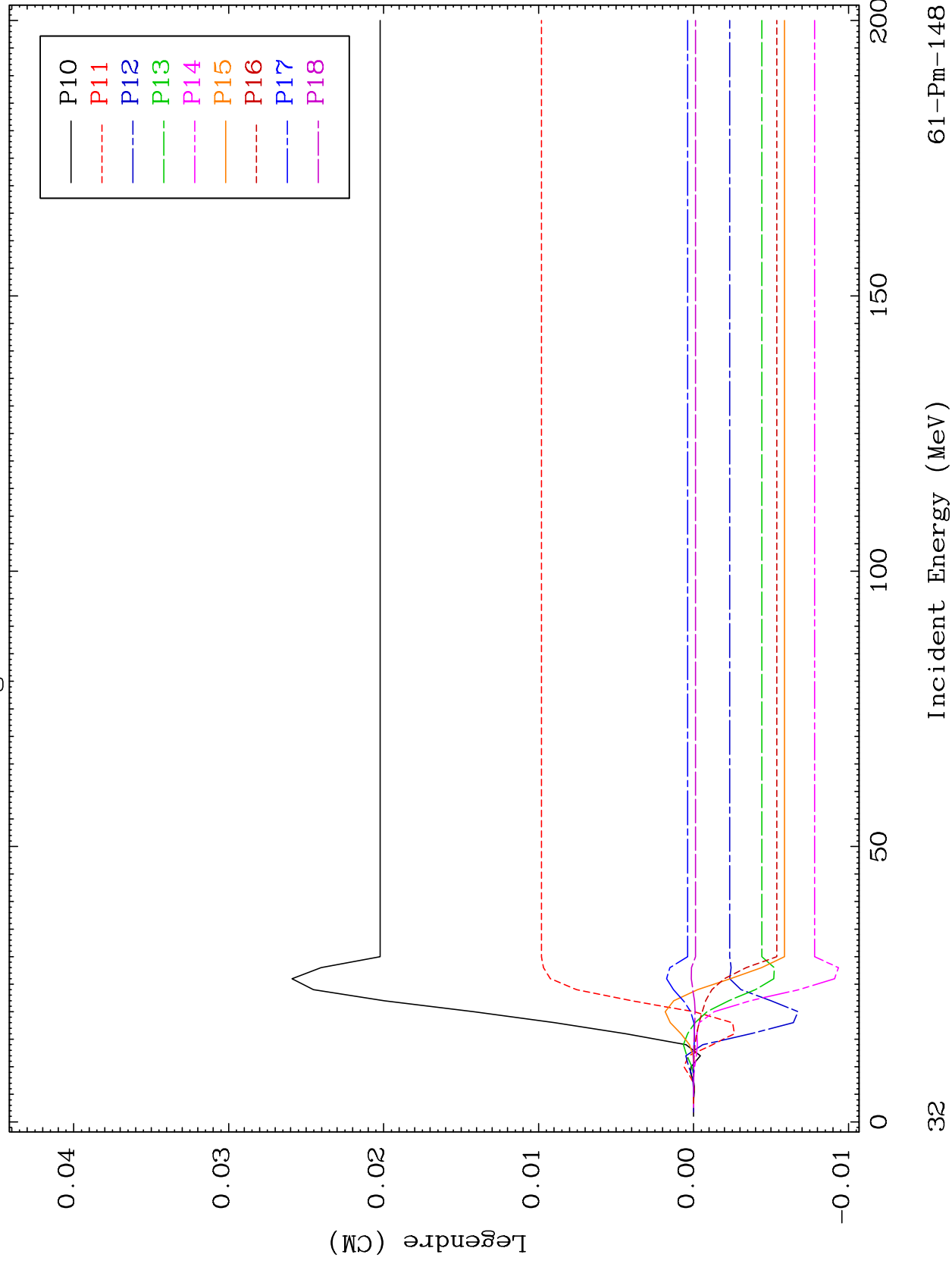
Legendre Coefficients



MAT 6152

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

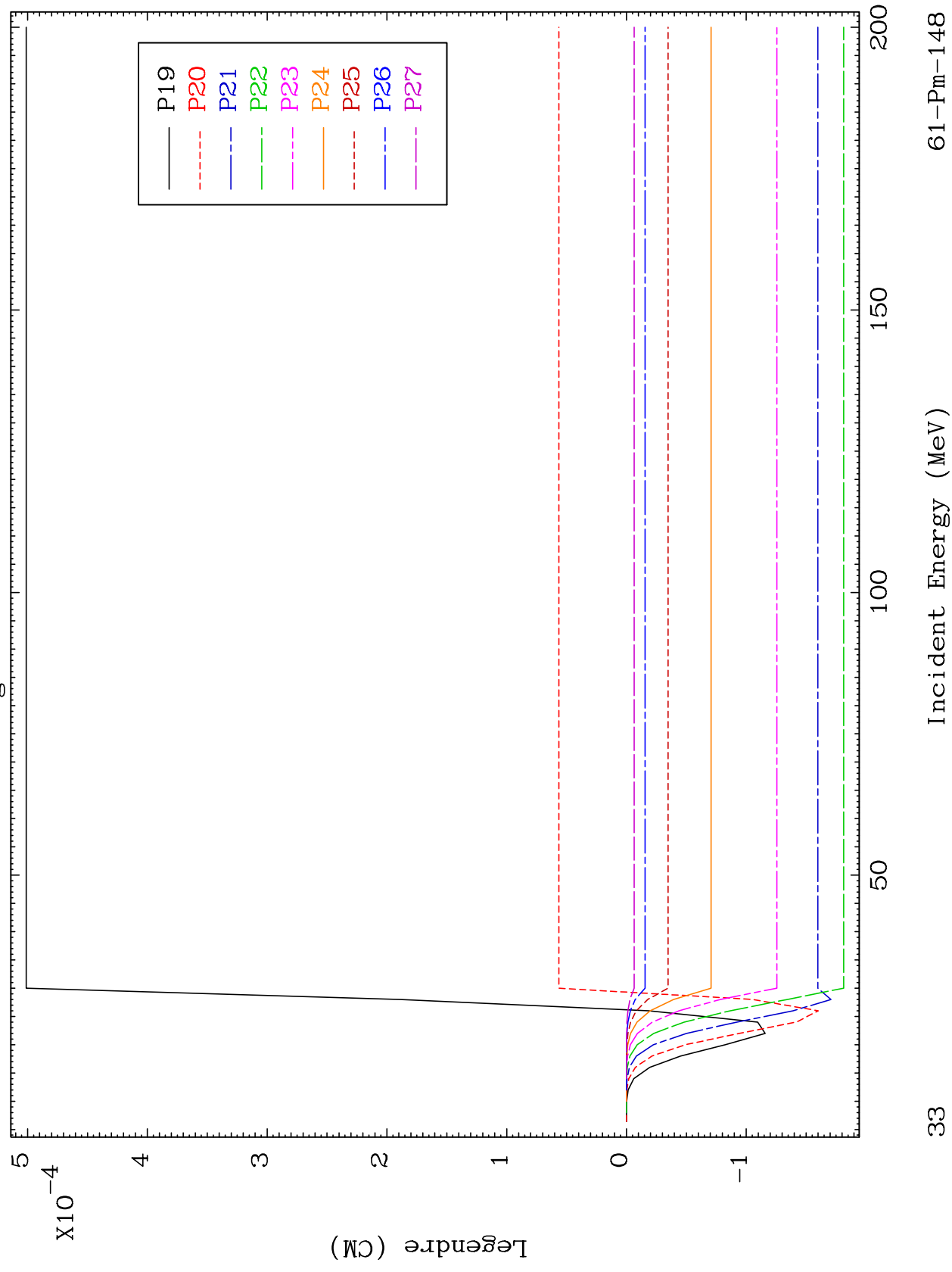
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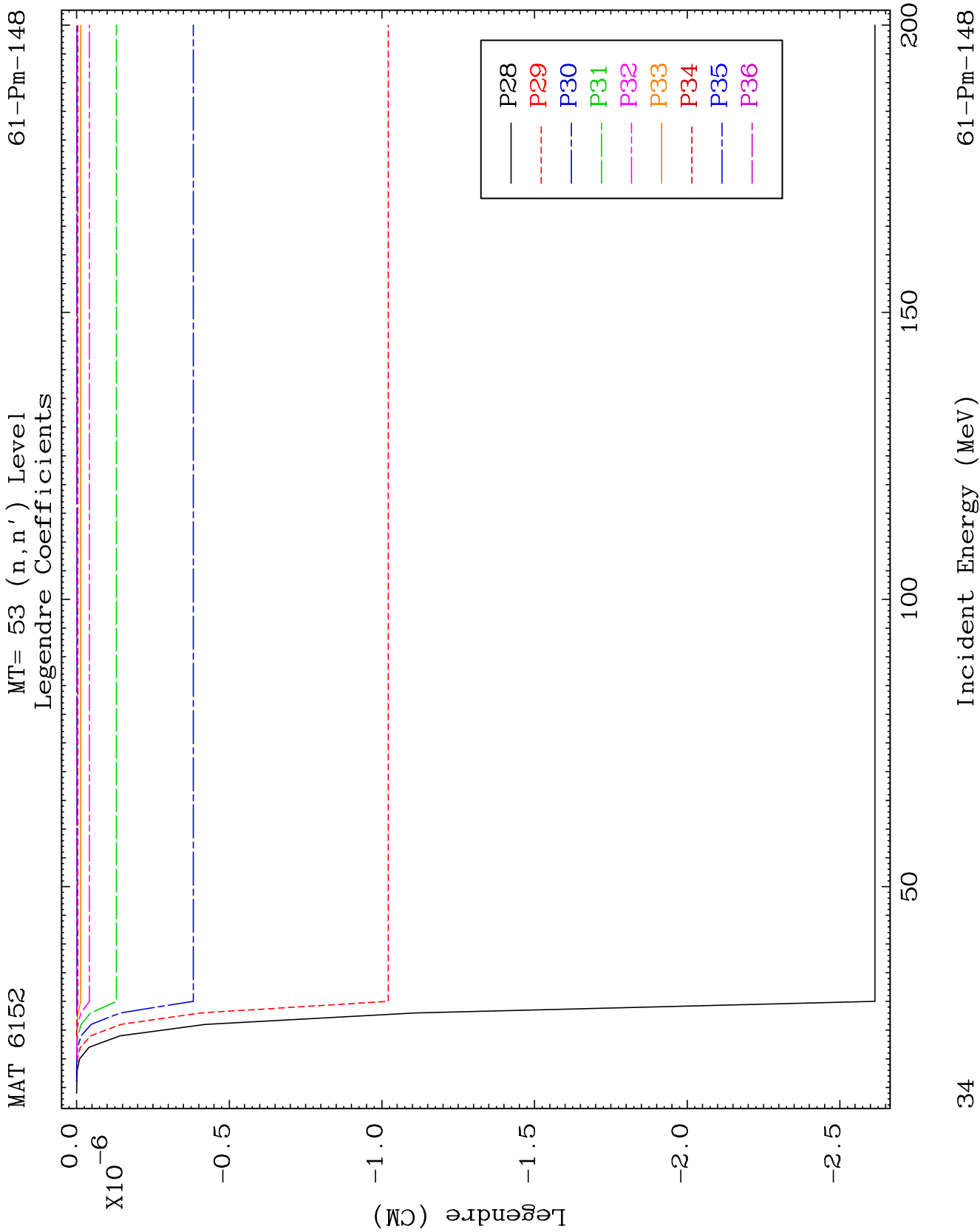


MAT 6152

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

61-Pm-148

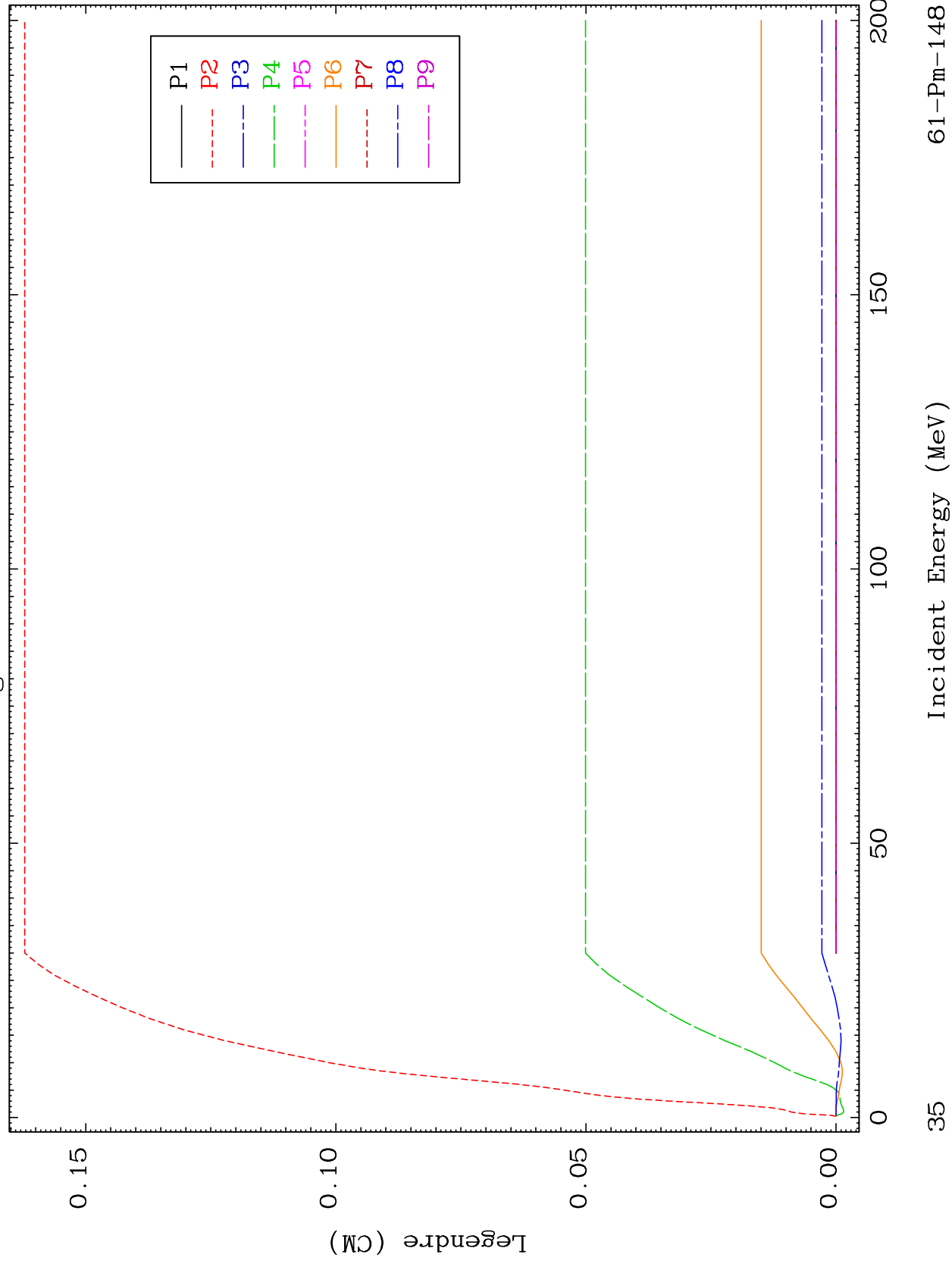


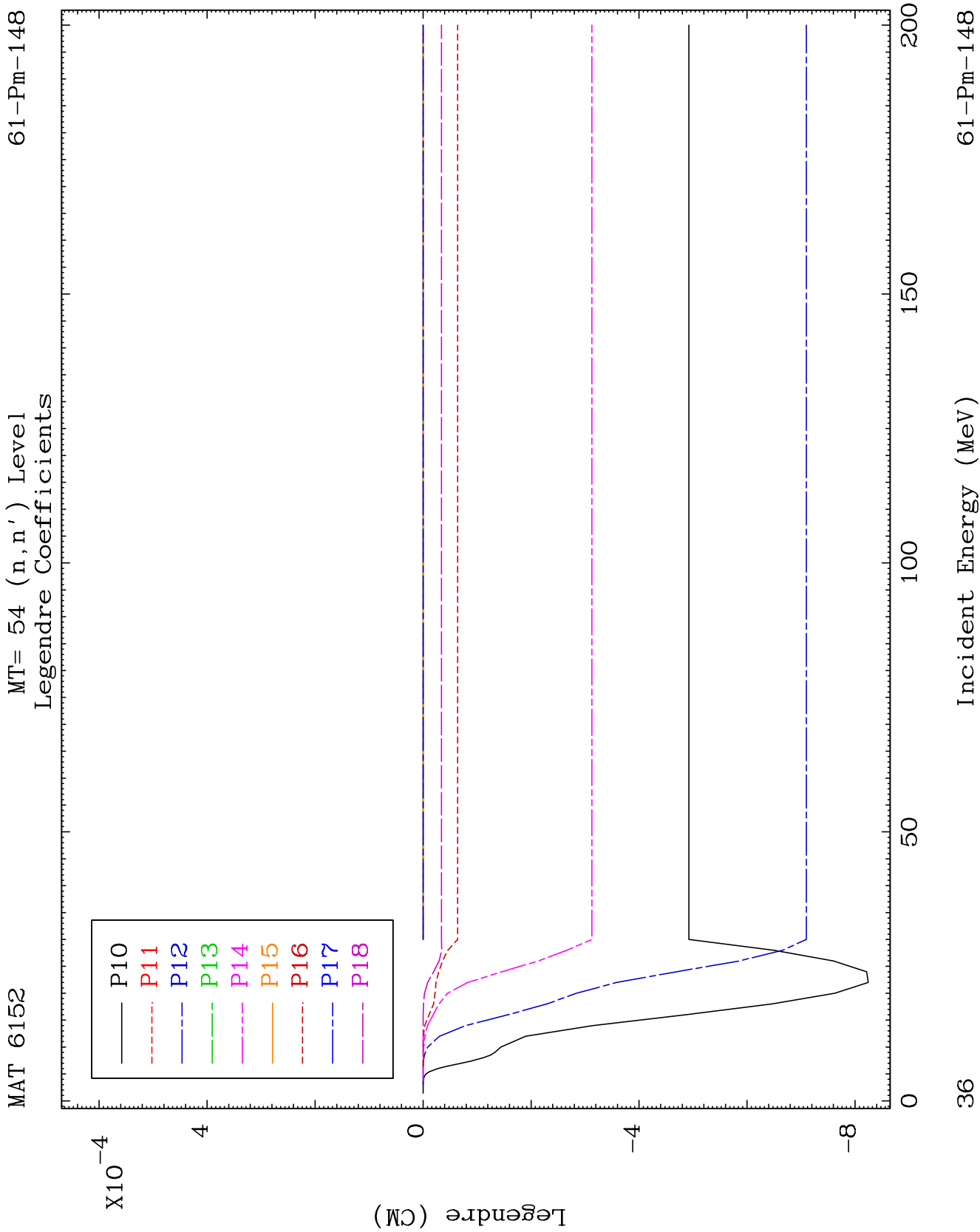


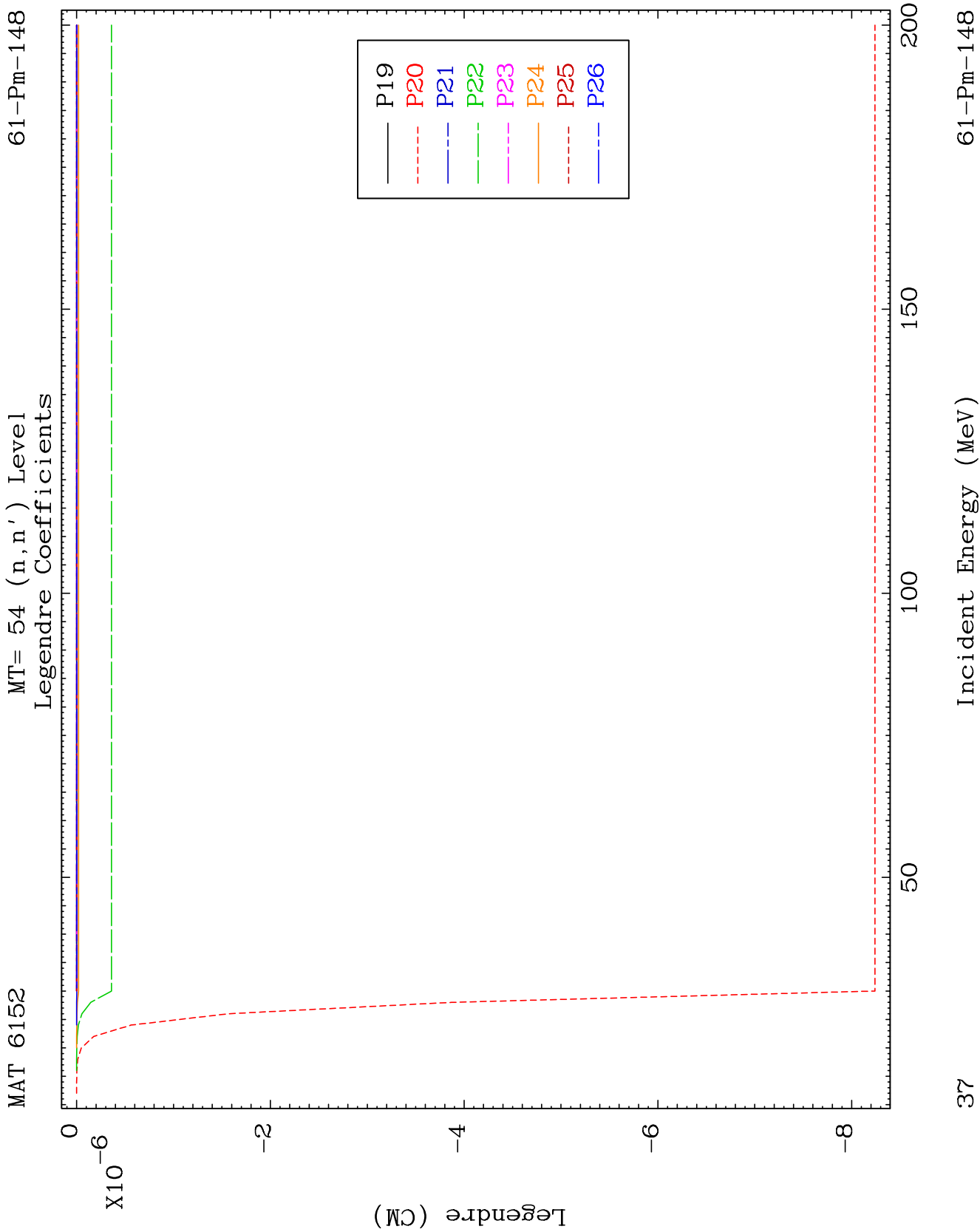
MAT 6152

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

61-Pm-148



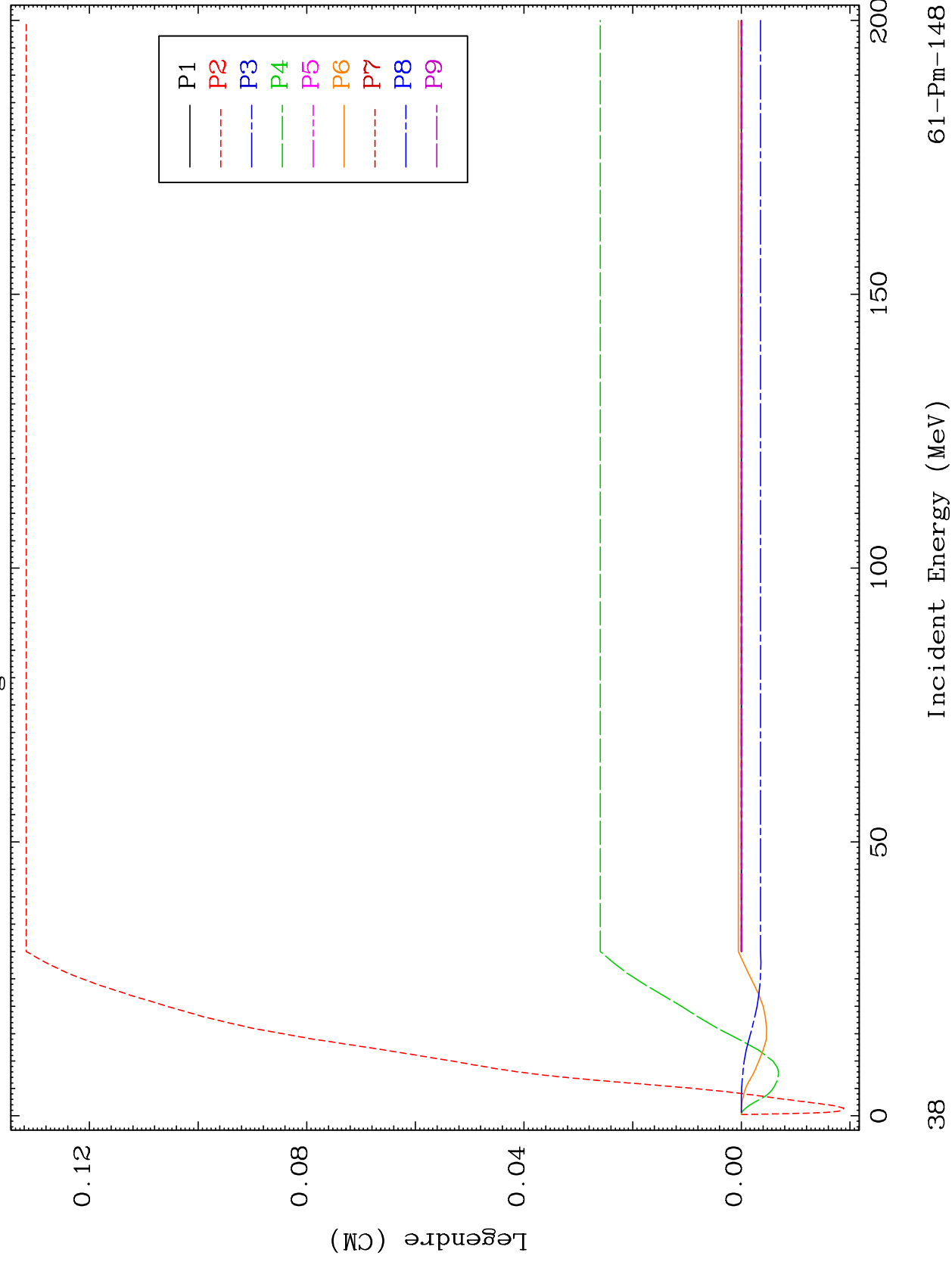


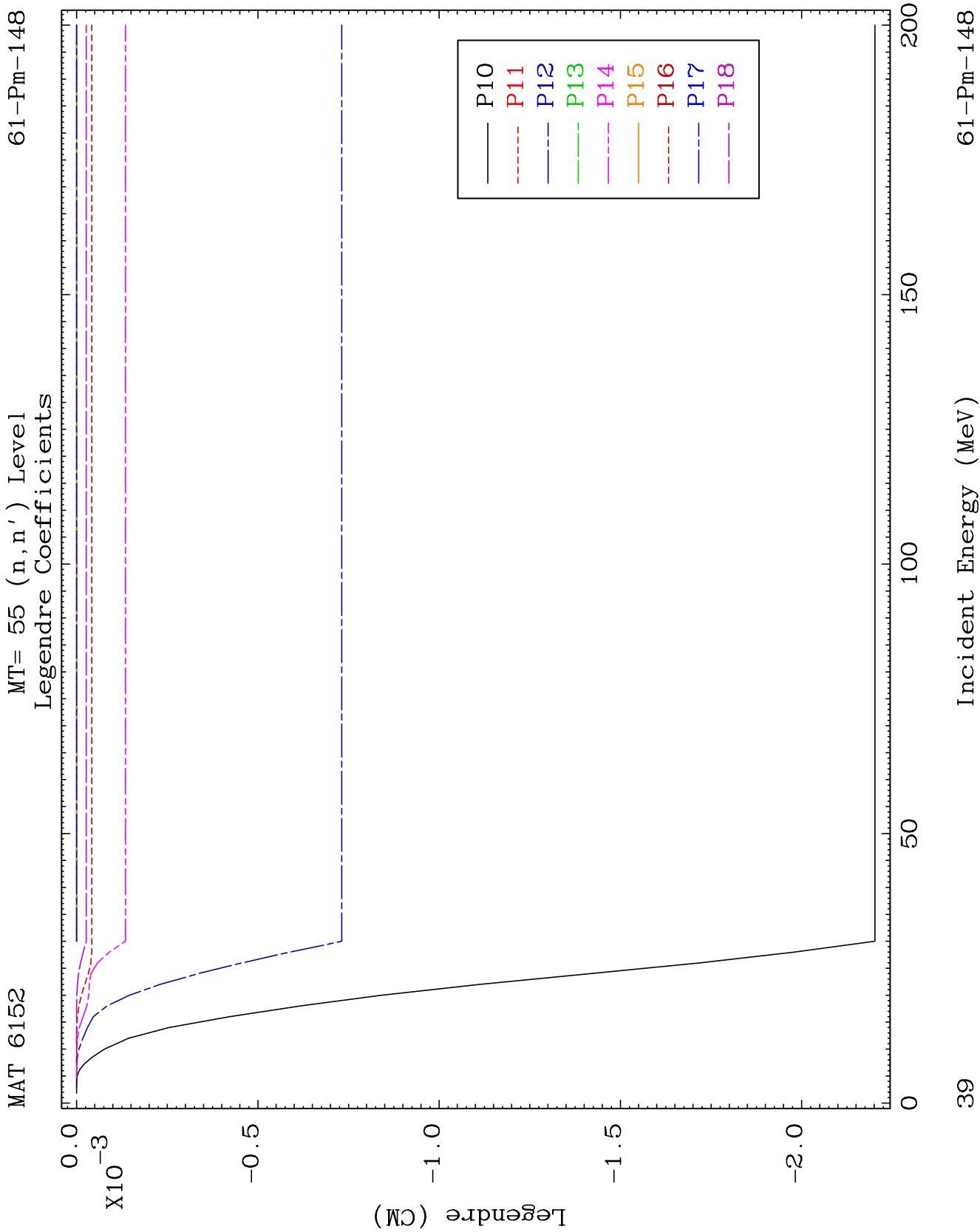


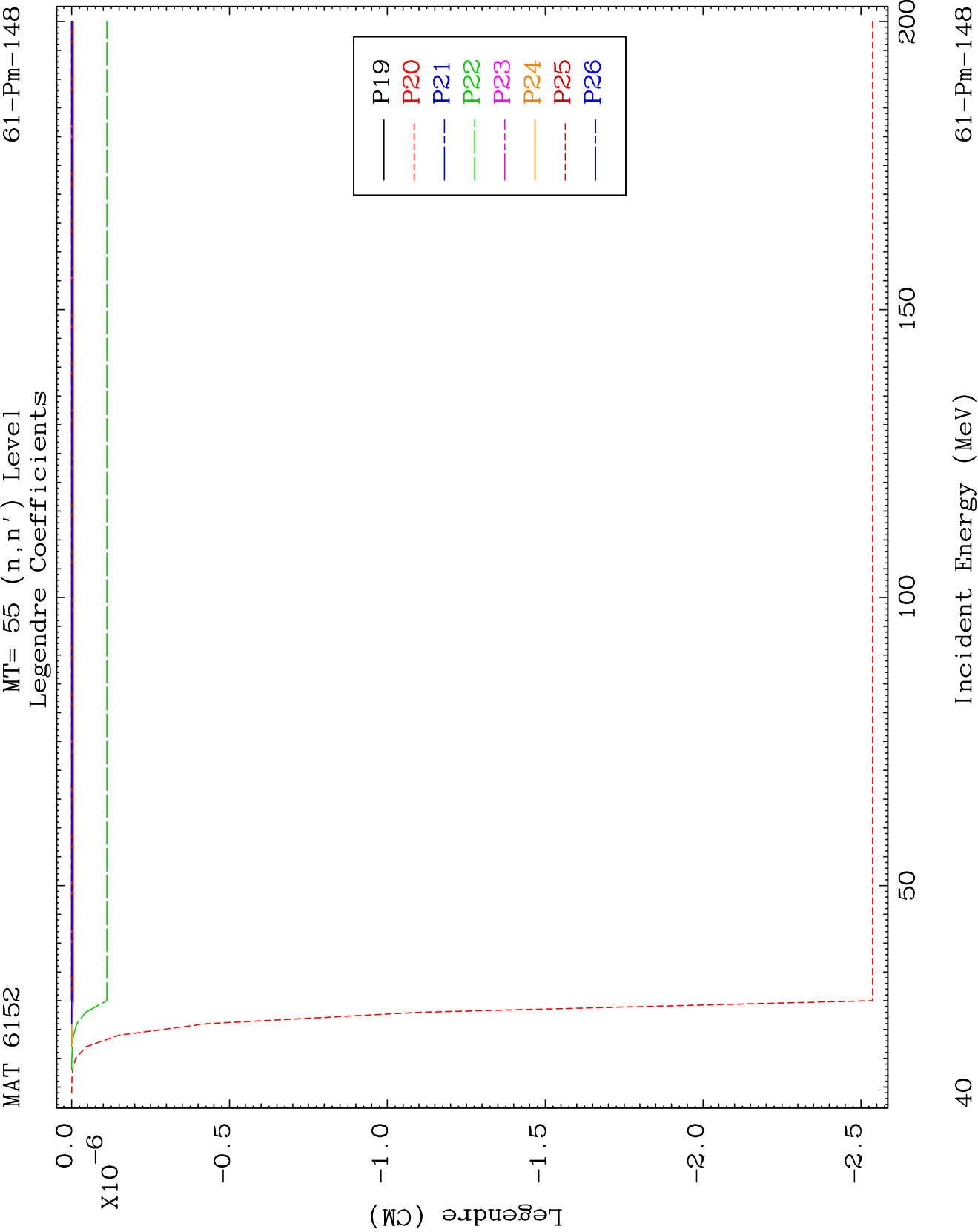
MAT 6152

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

61-Pm-148



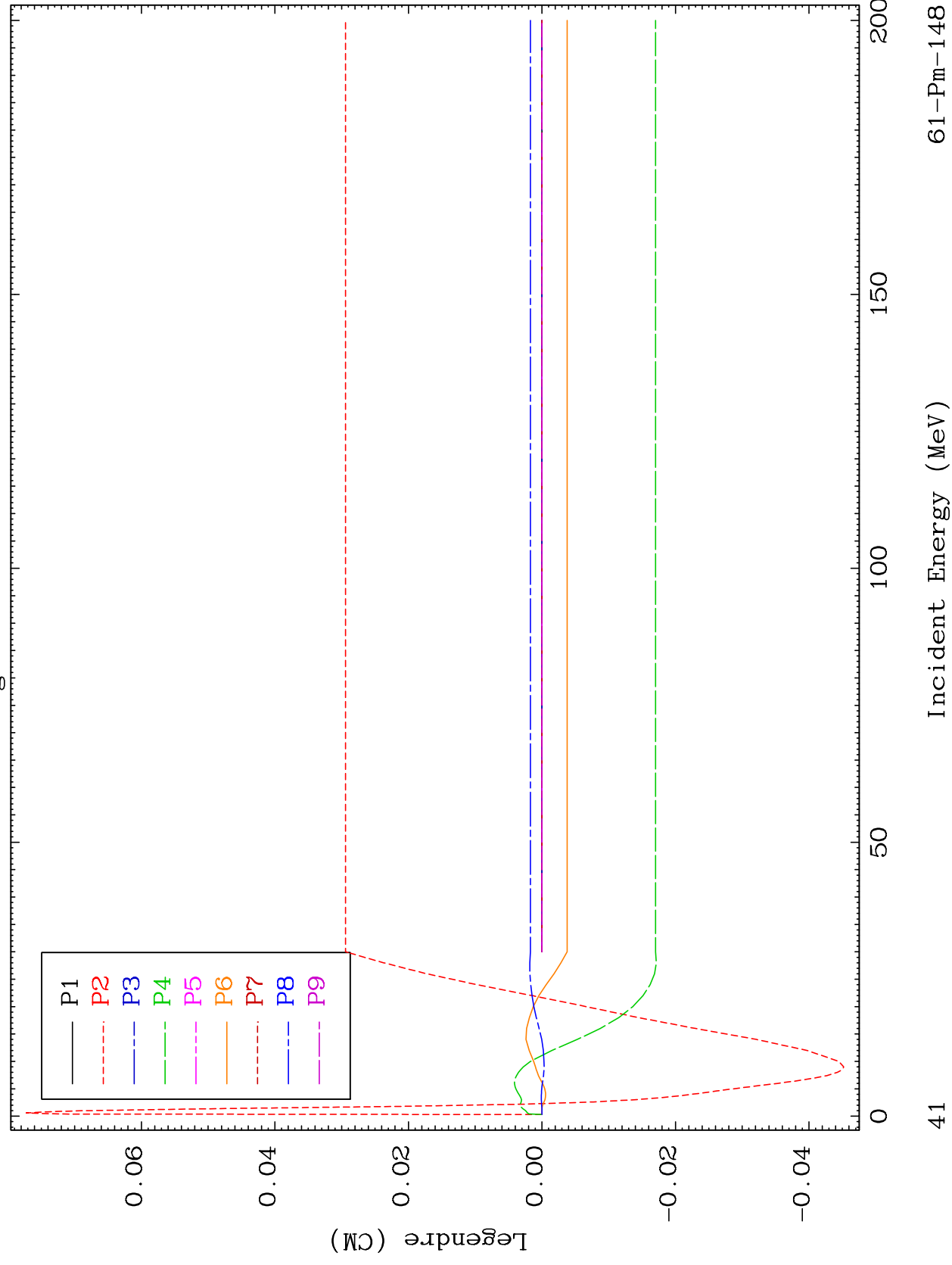


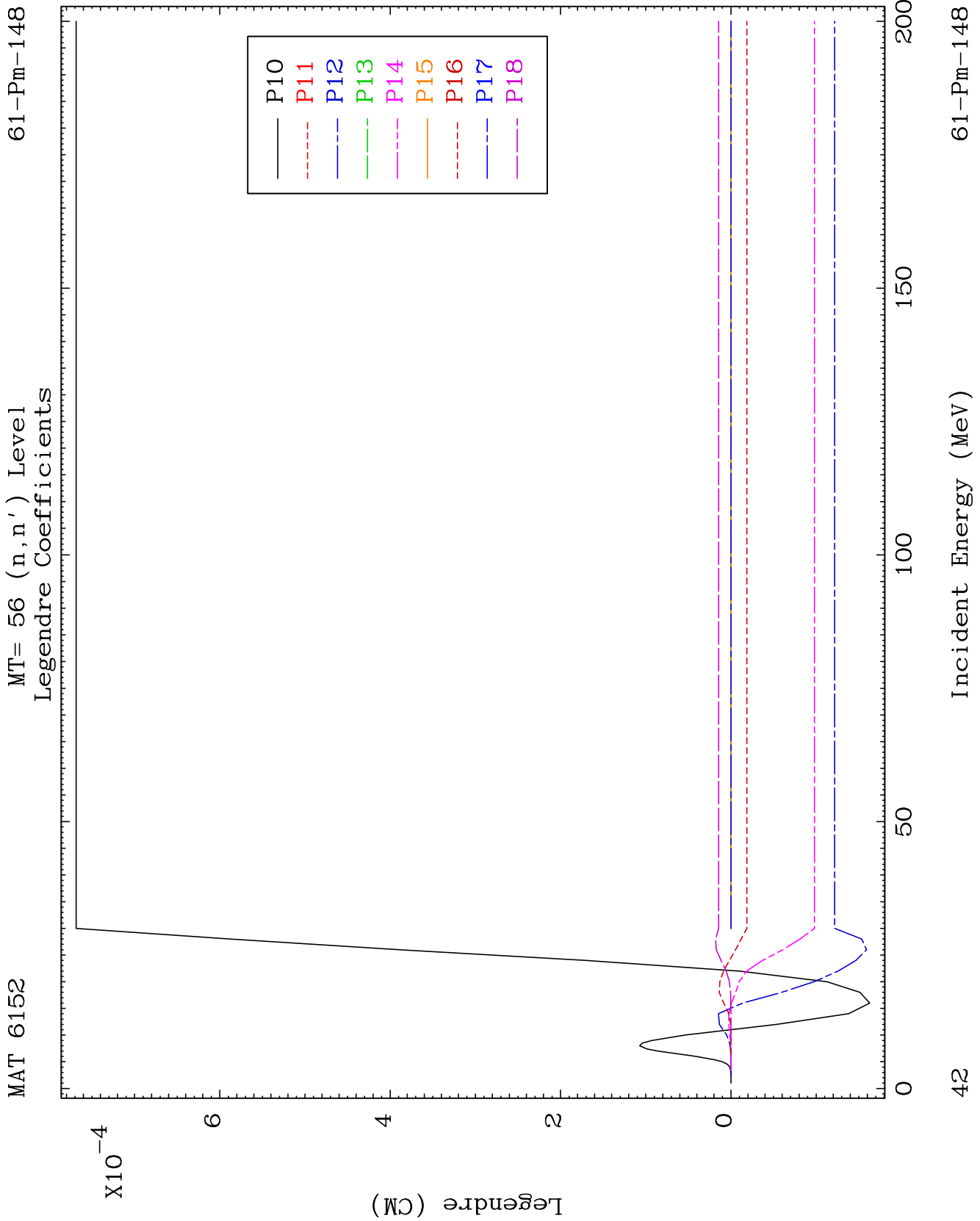


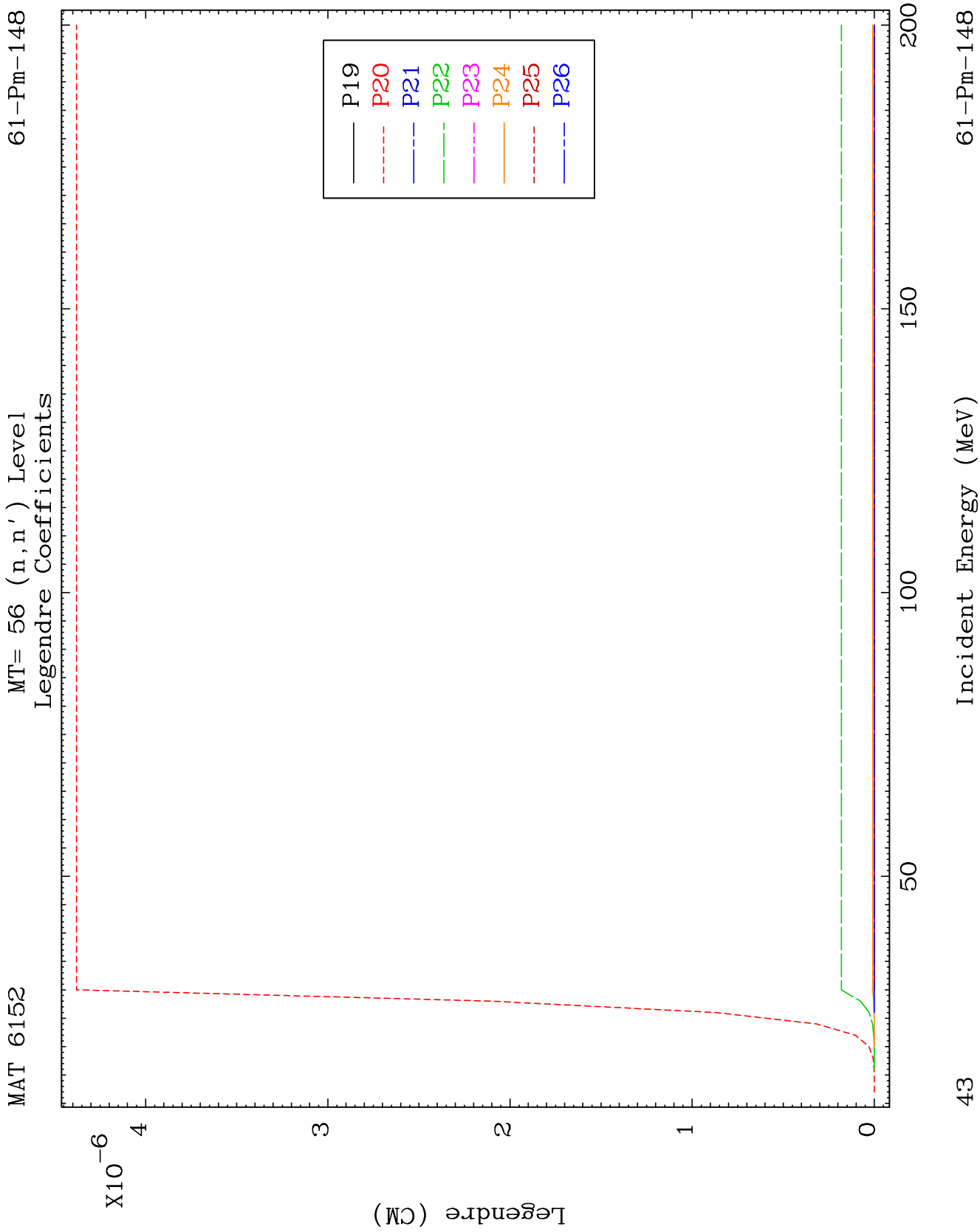
MAT 6152

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Legendre Coefficients

61-Pm-148



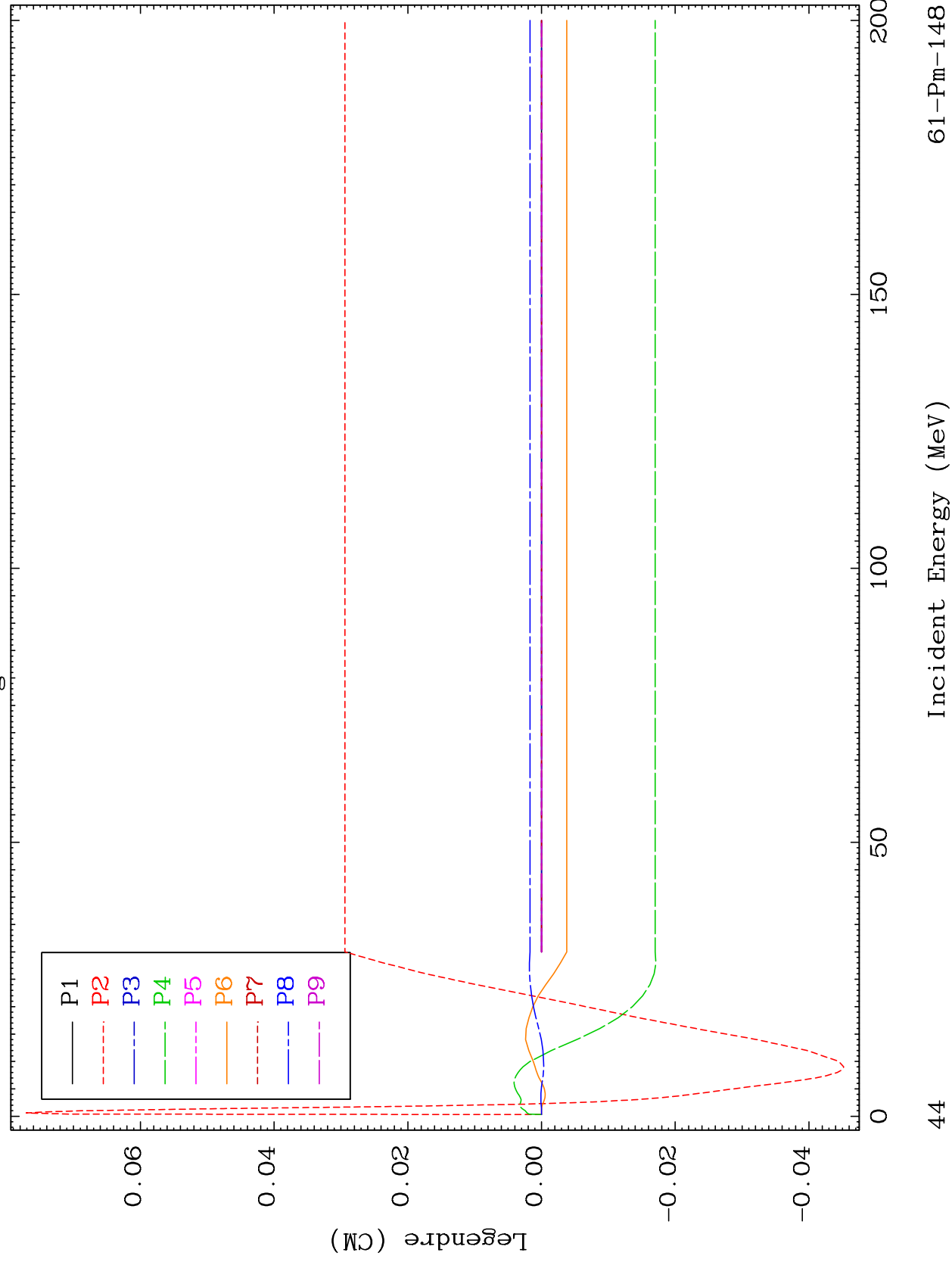




MAT 6152

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

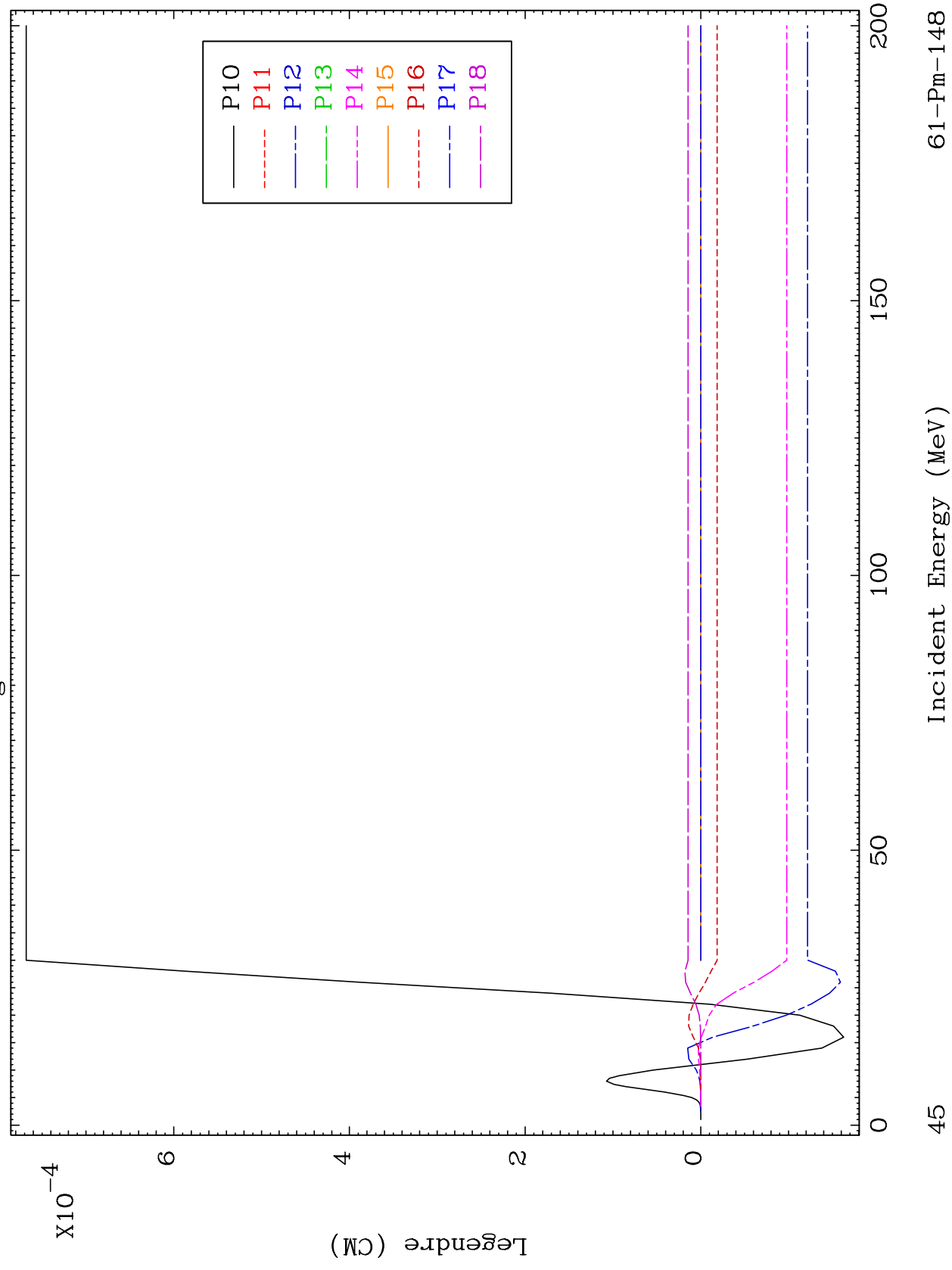
61-Pm-148

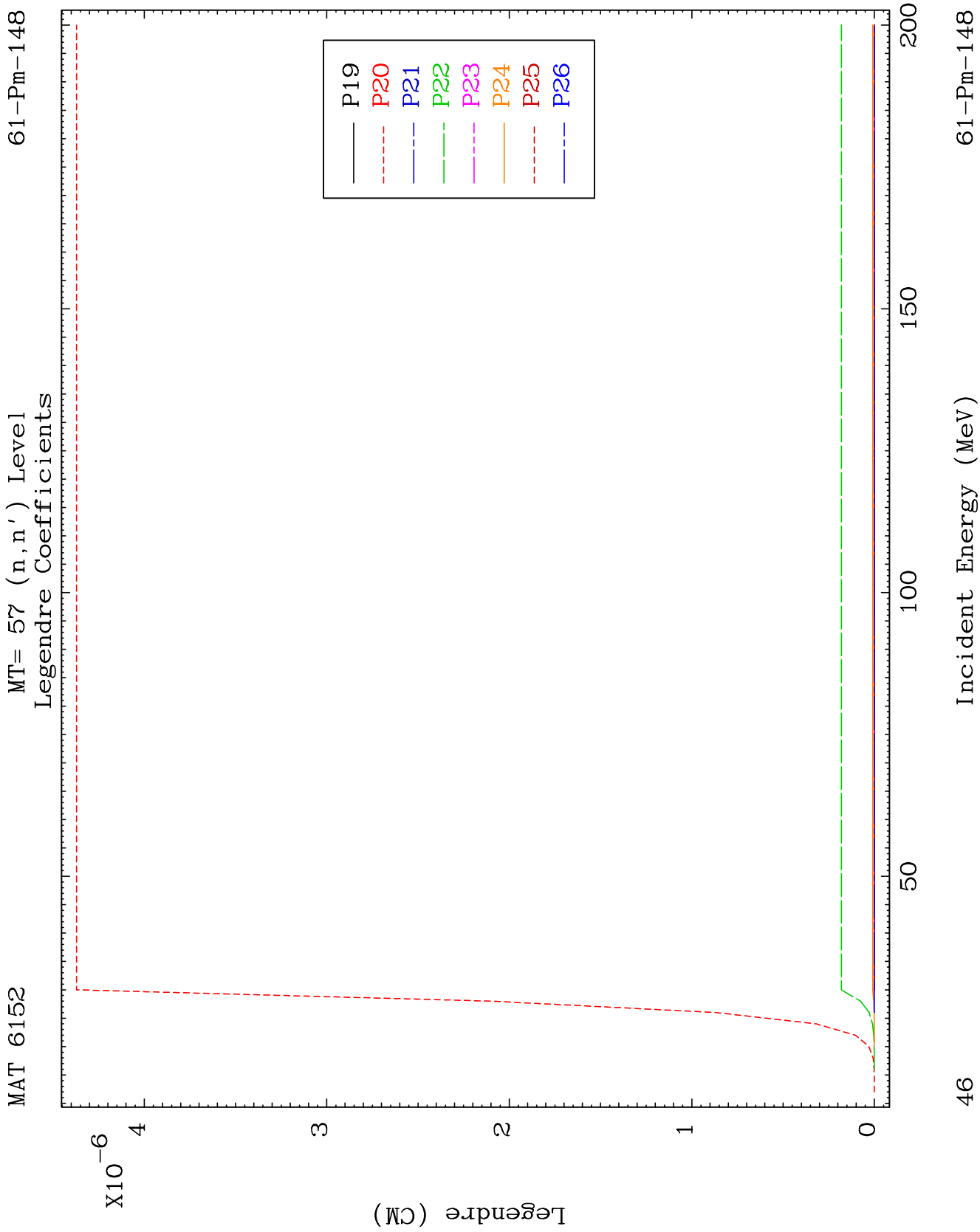


MAT 6152

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

61-Pm-148

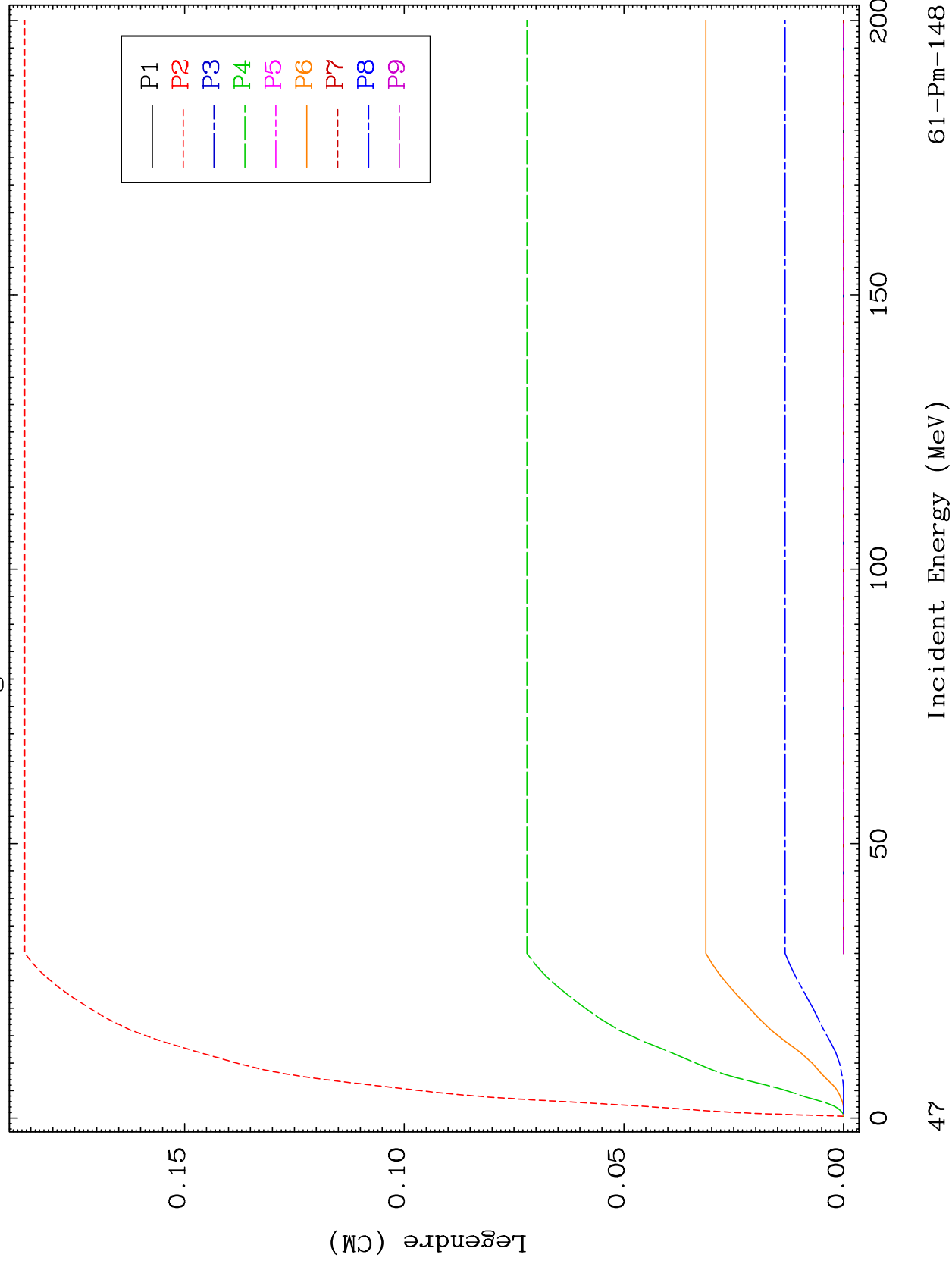


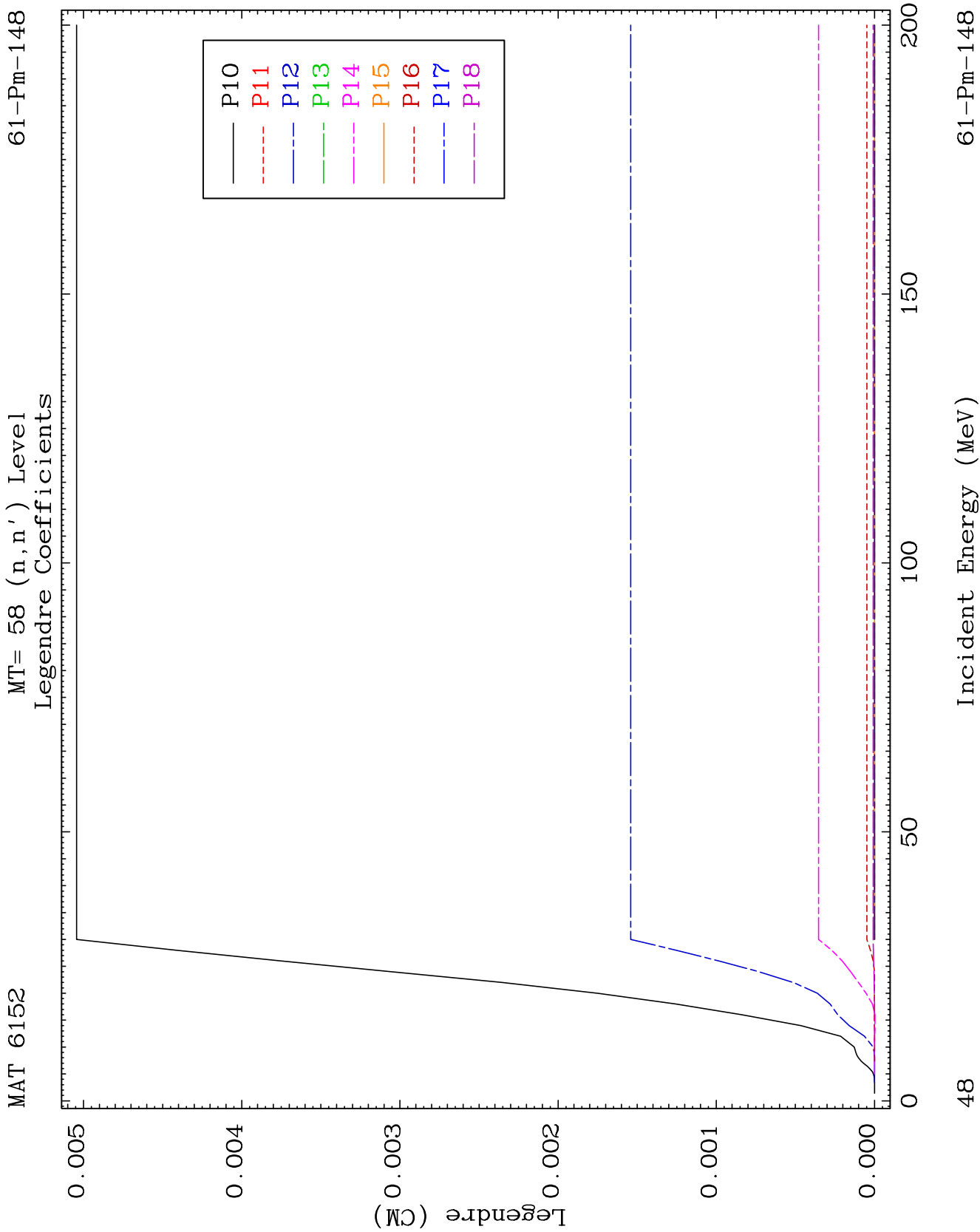


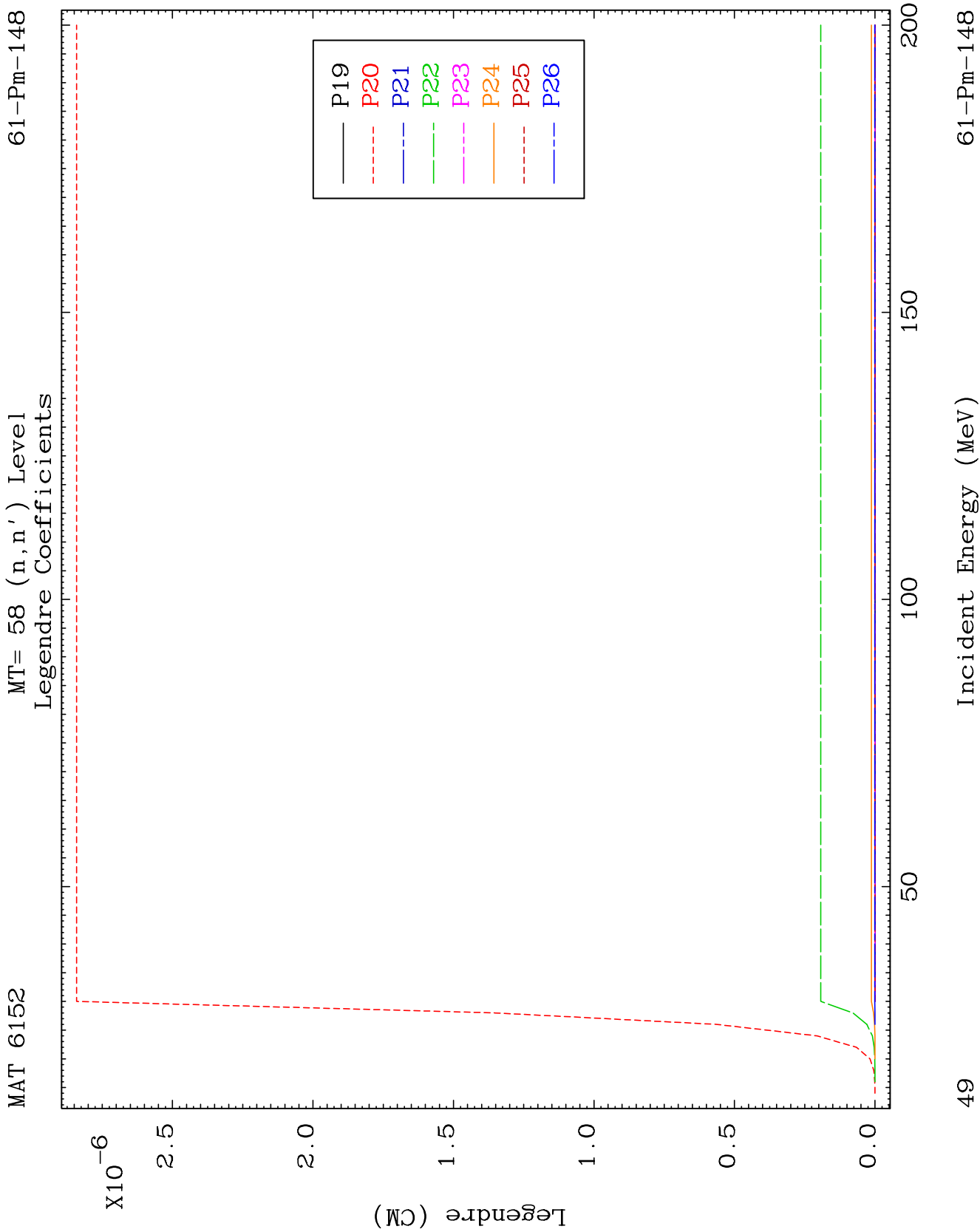
MAT 6152

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

61-Pm-148



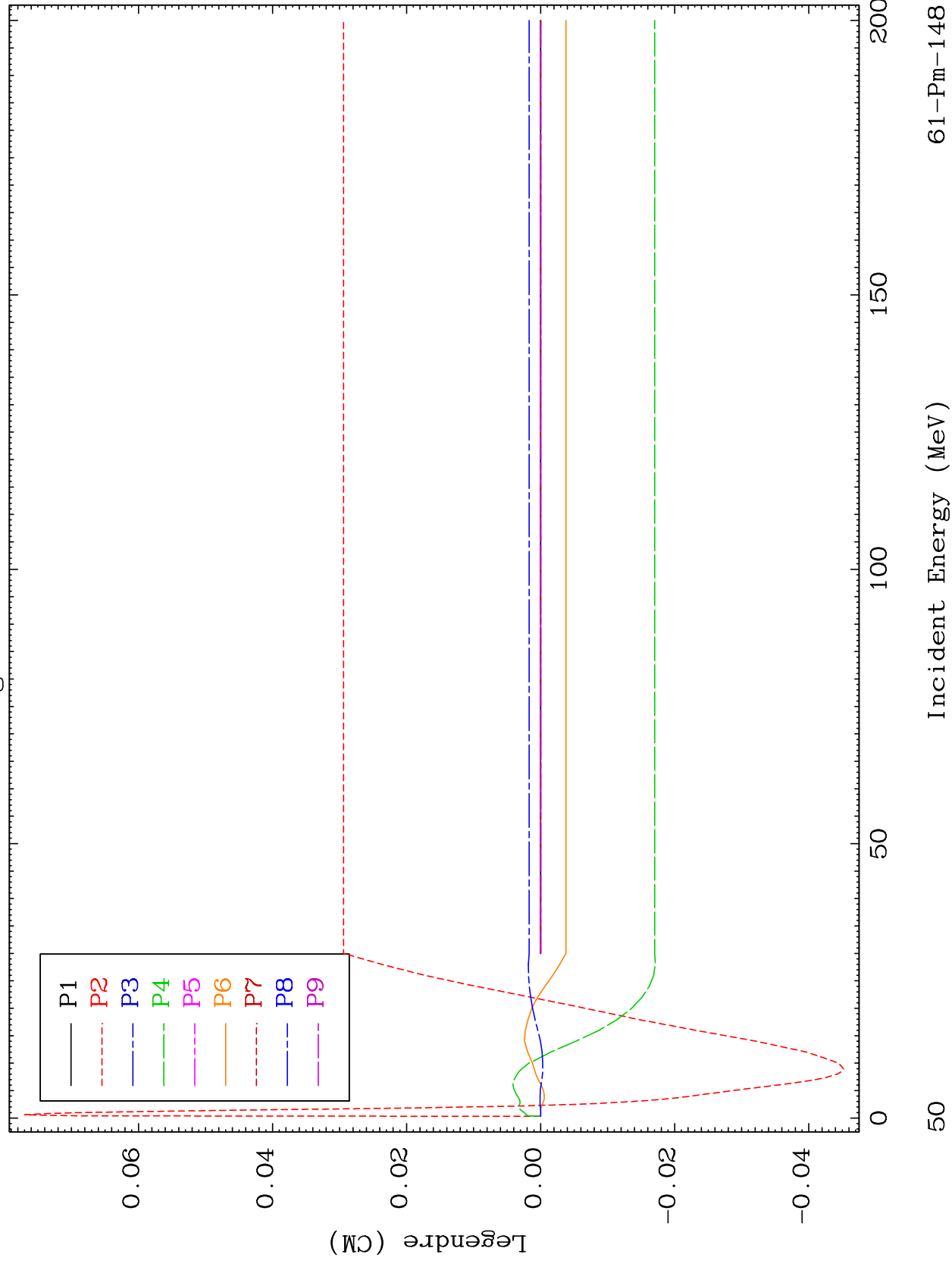




MAT 6152

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

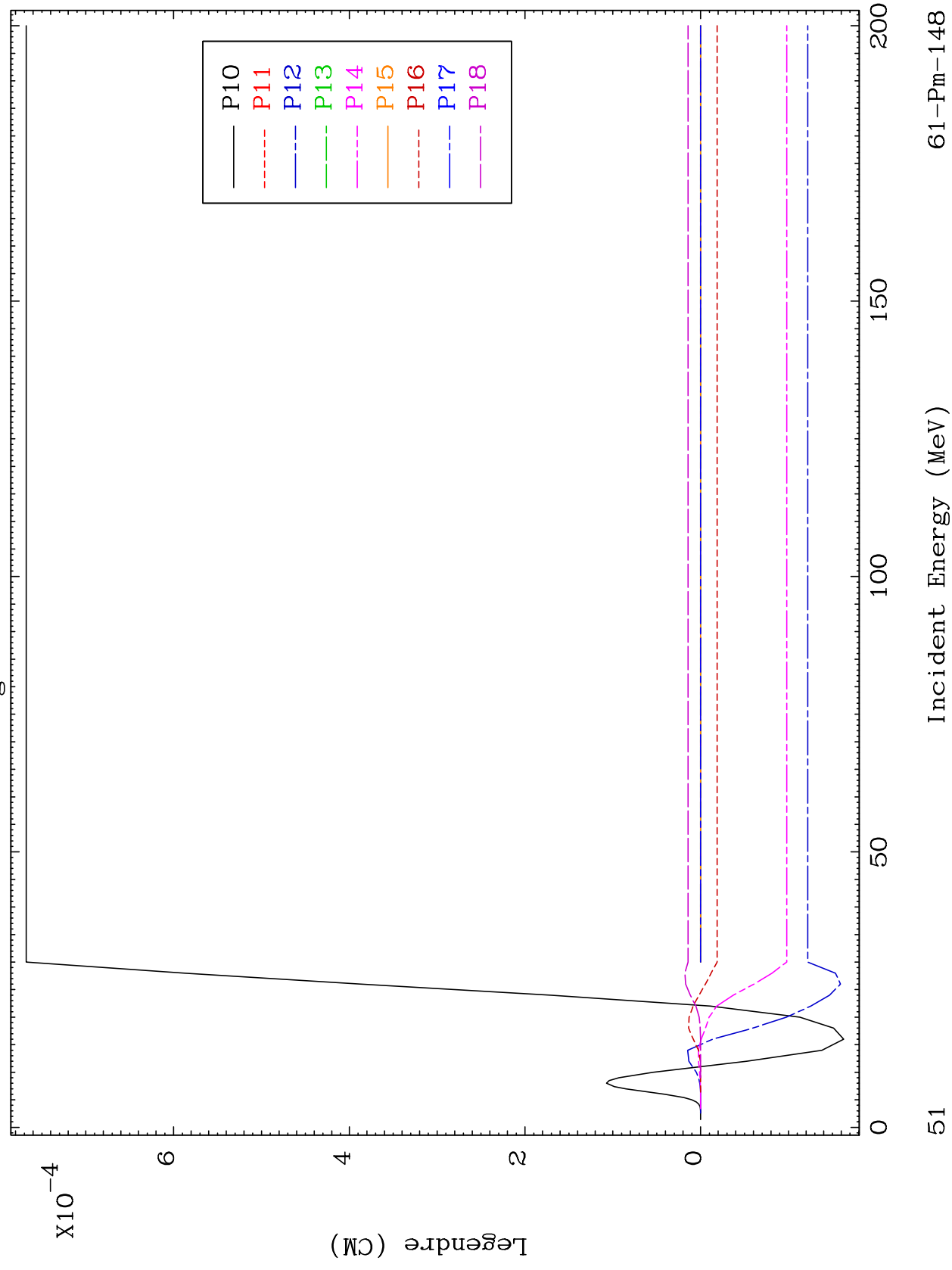
61-Pm-148



MAT 6152

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

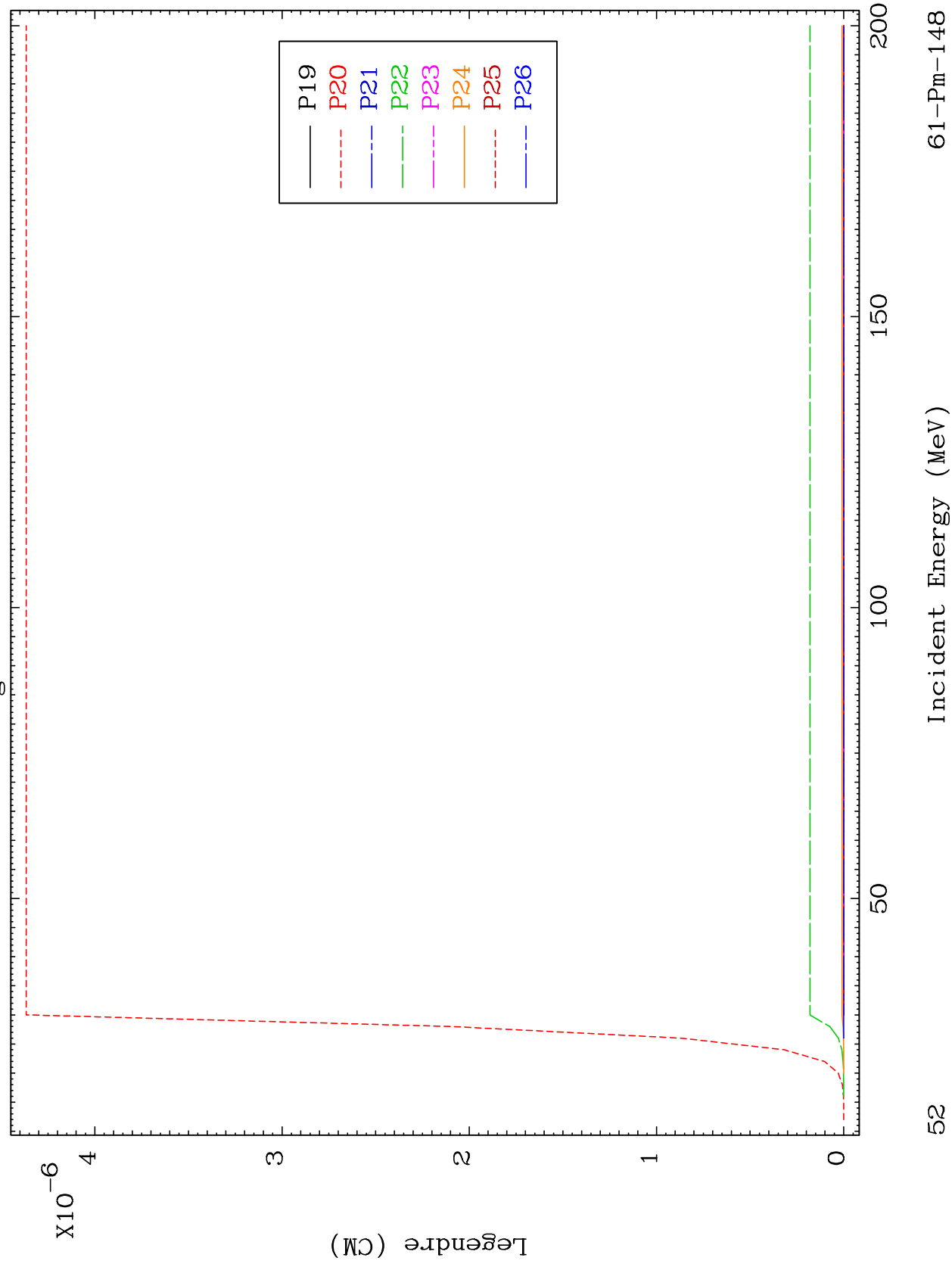
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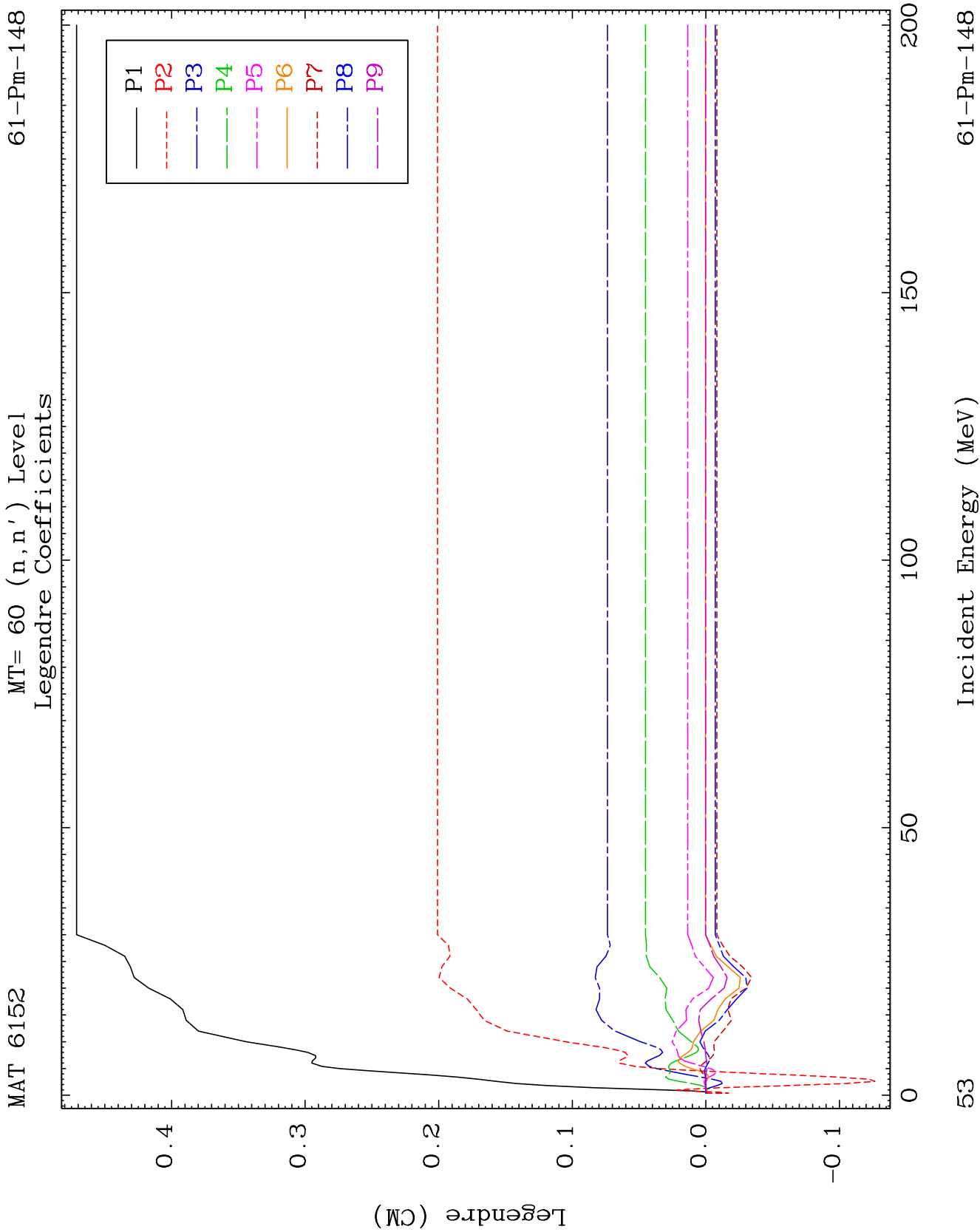


MAT 6152

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

61-Pm-148

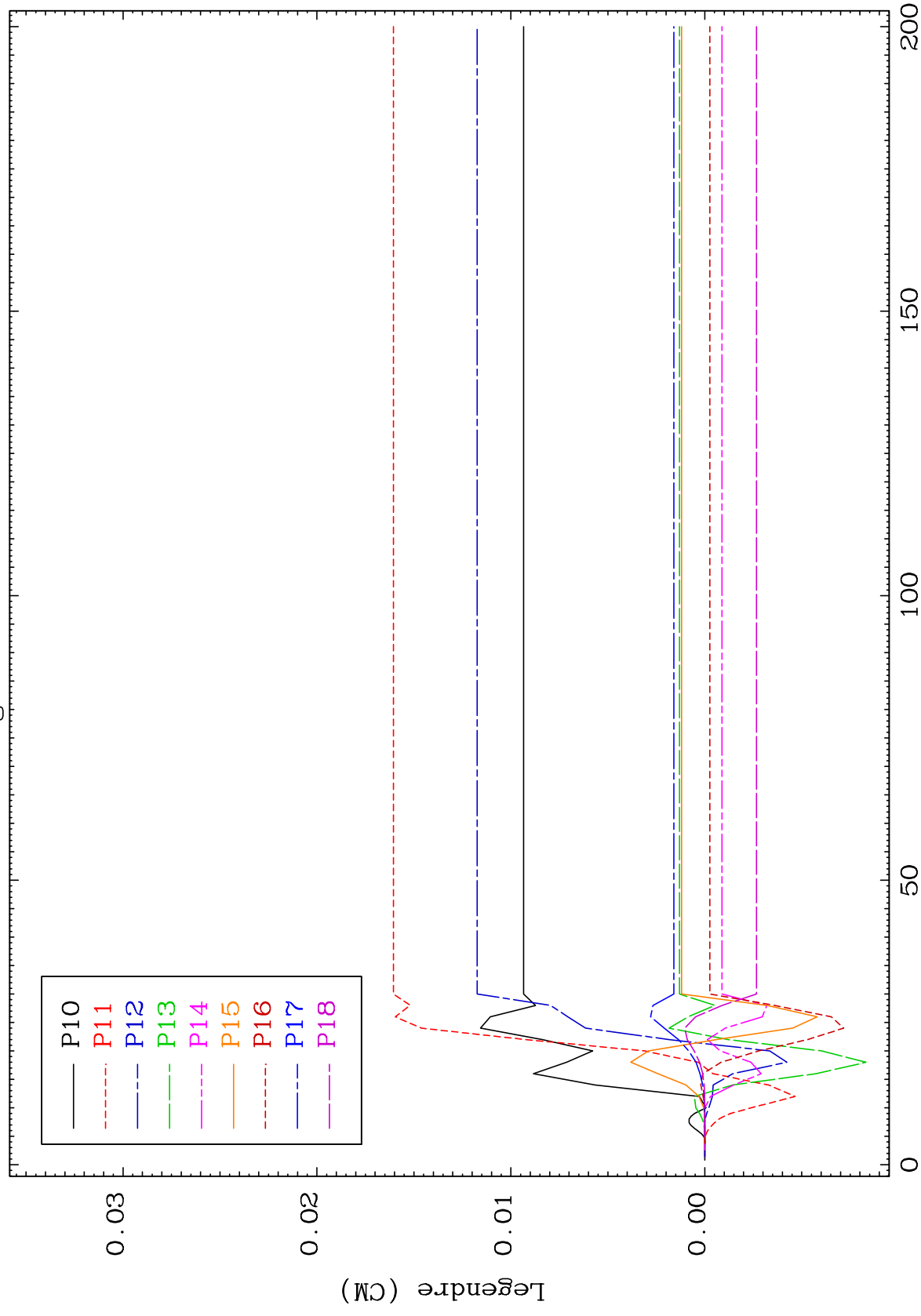




MAT 6152

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

61-Pm-148



54

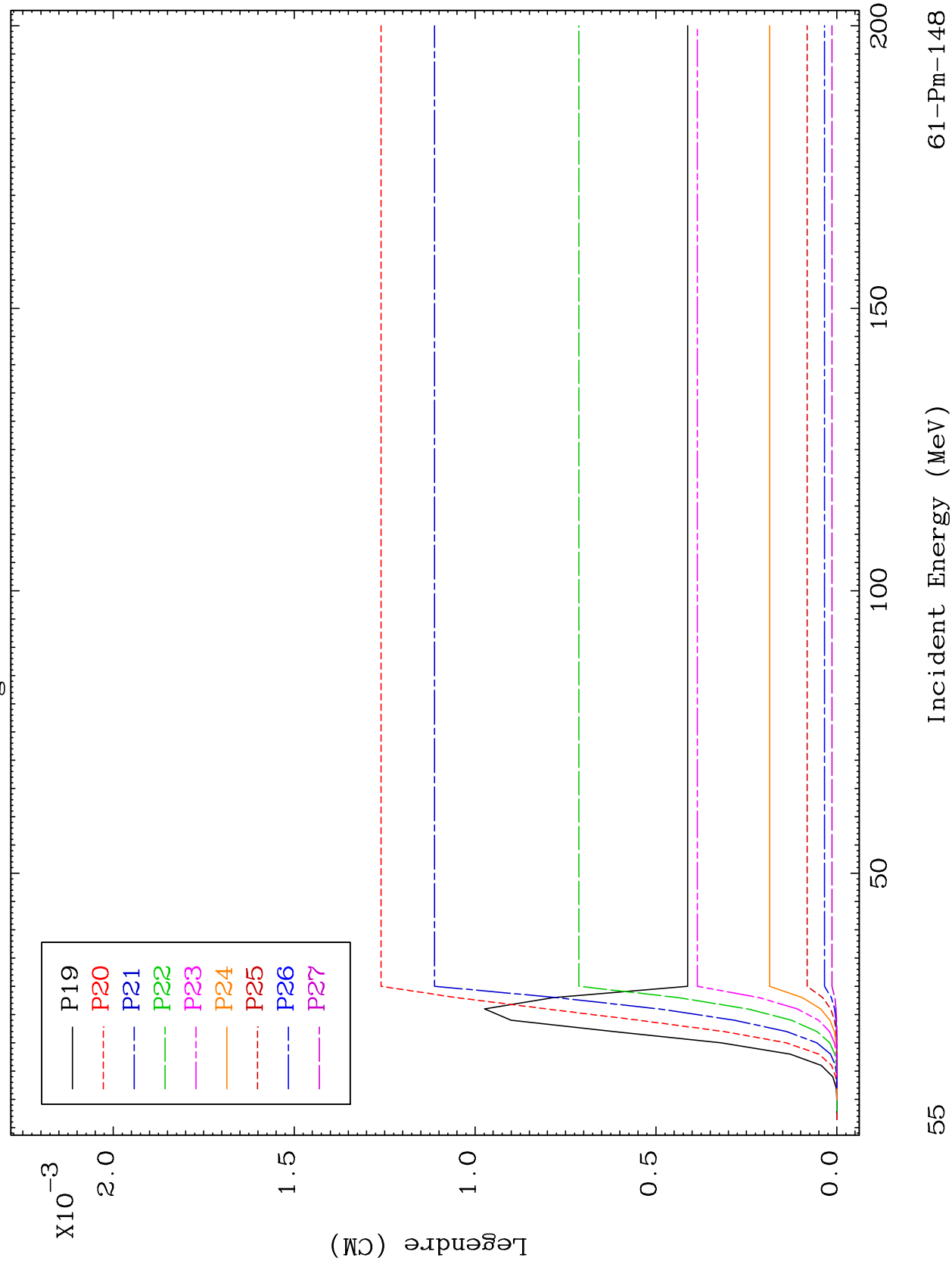
Incident Energy (MeV)

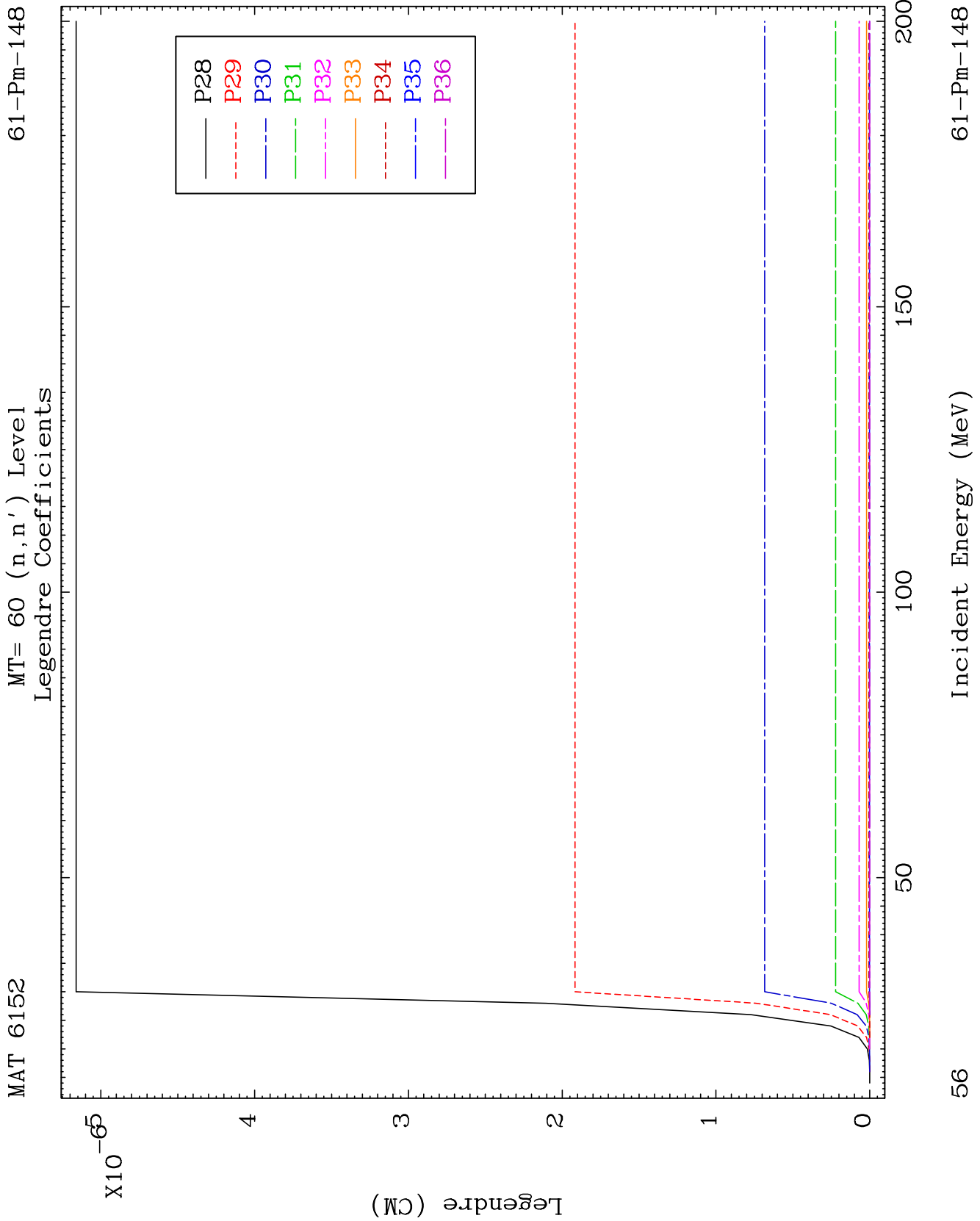
61-Pm-148

MAT 6152

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

61-Pm-148

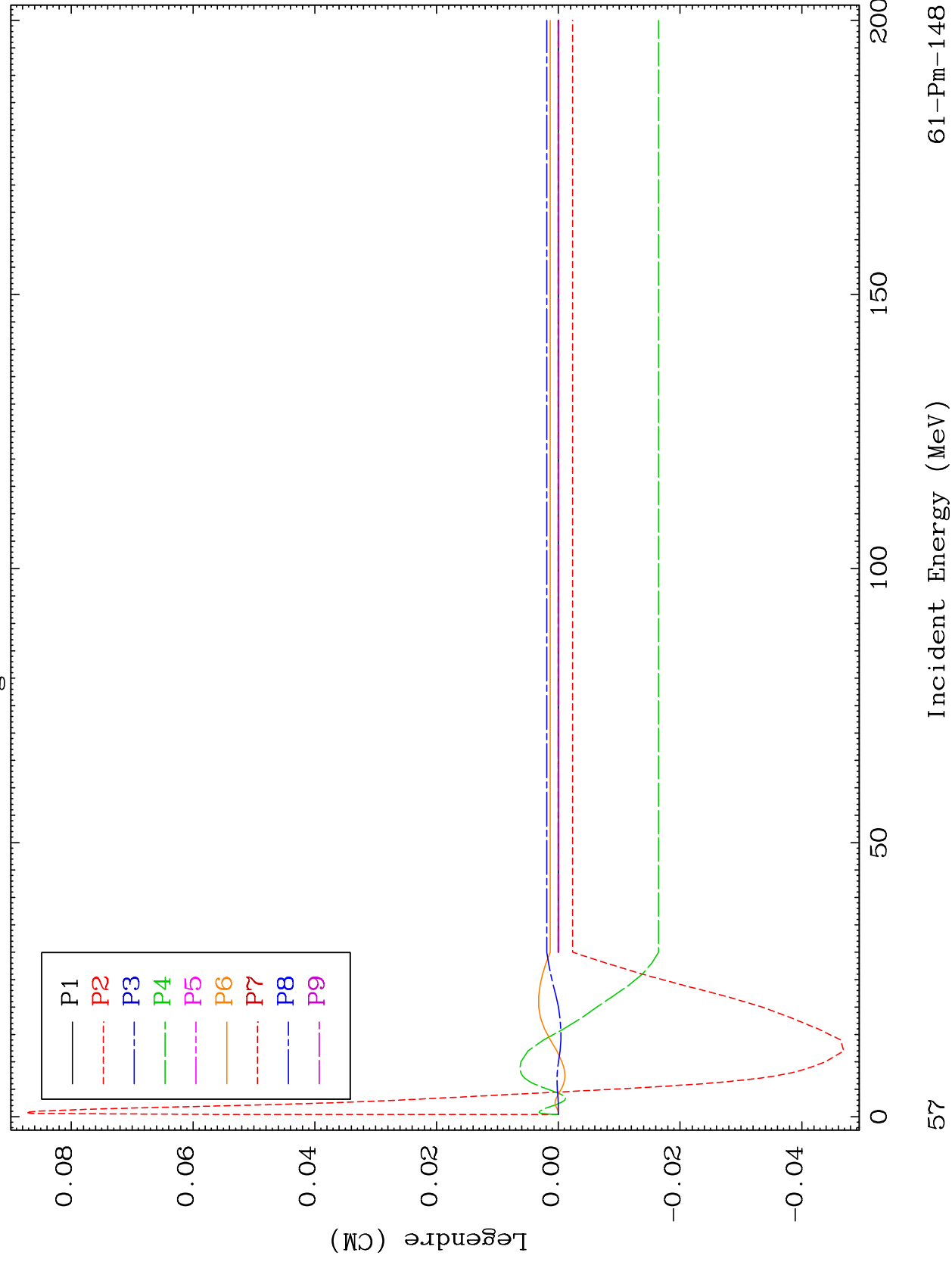


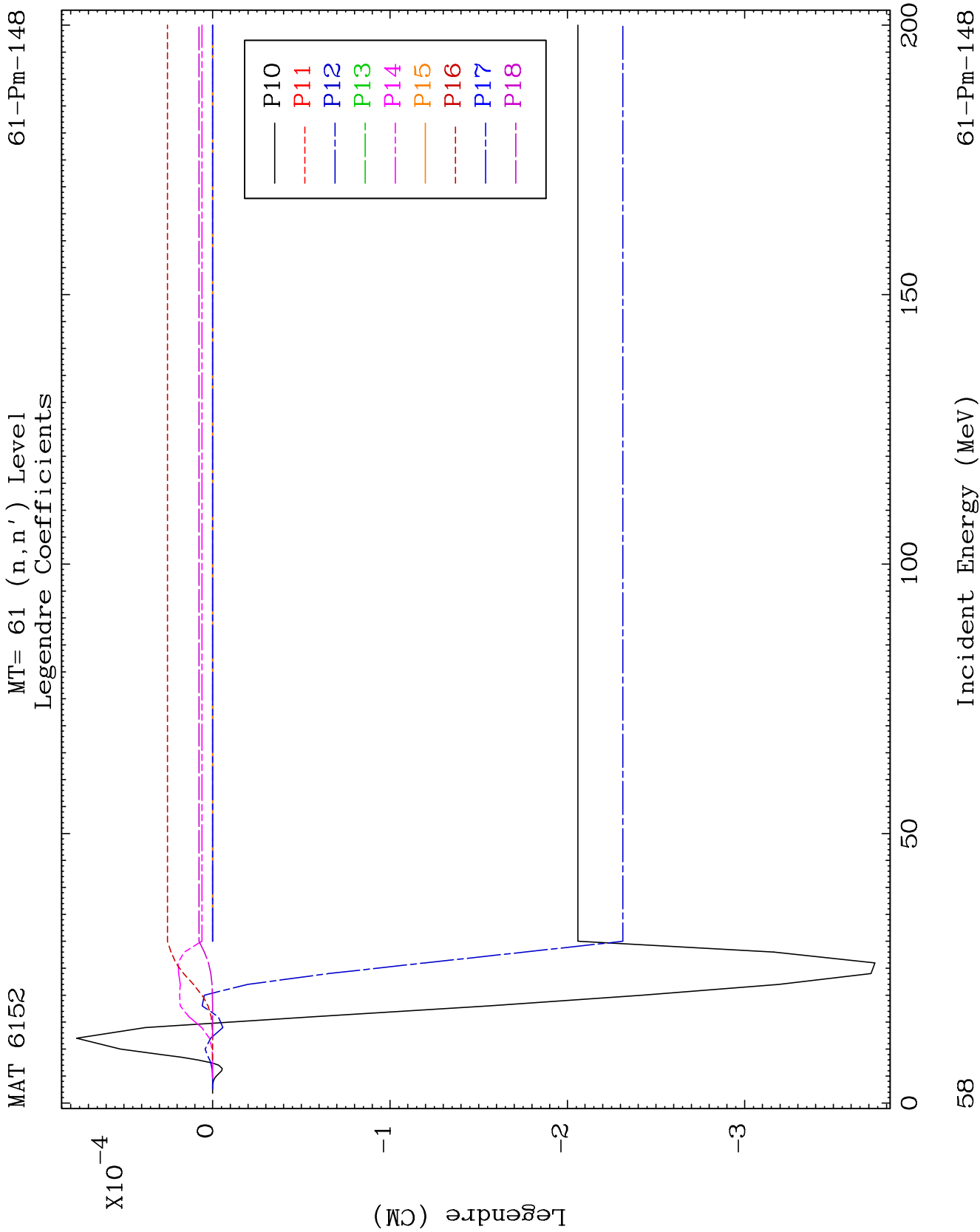


MAT 6152

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

61-Pm-148

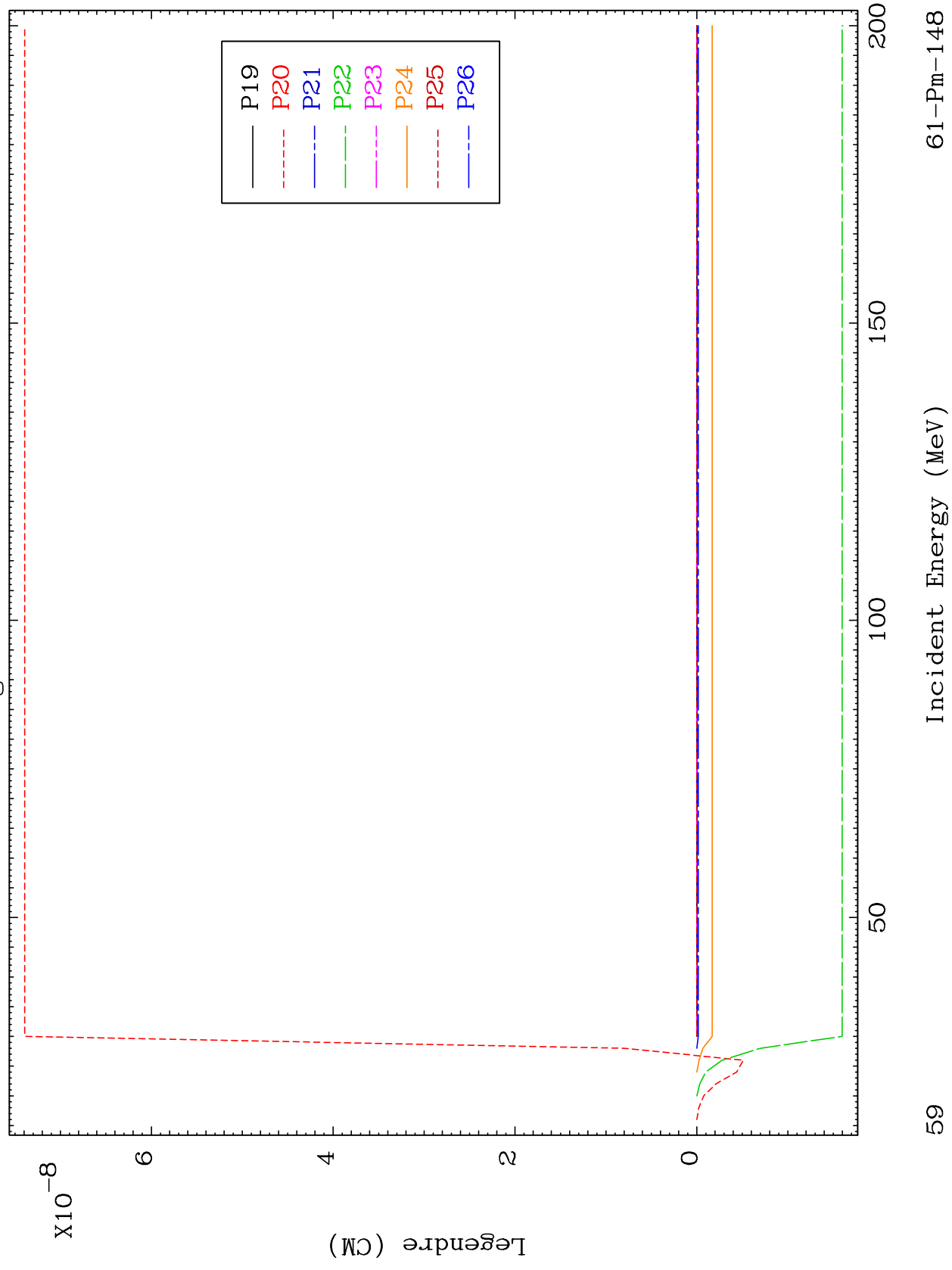


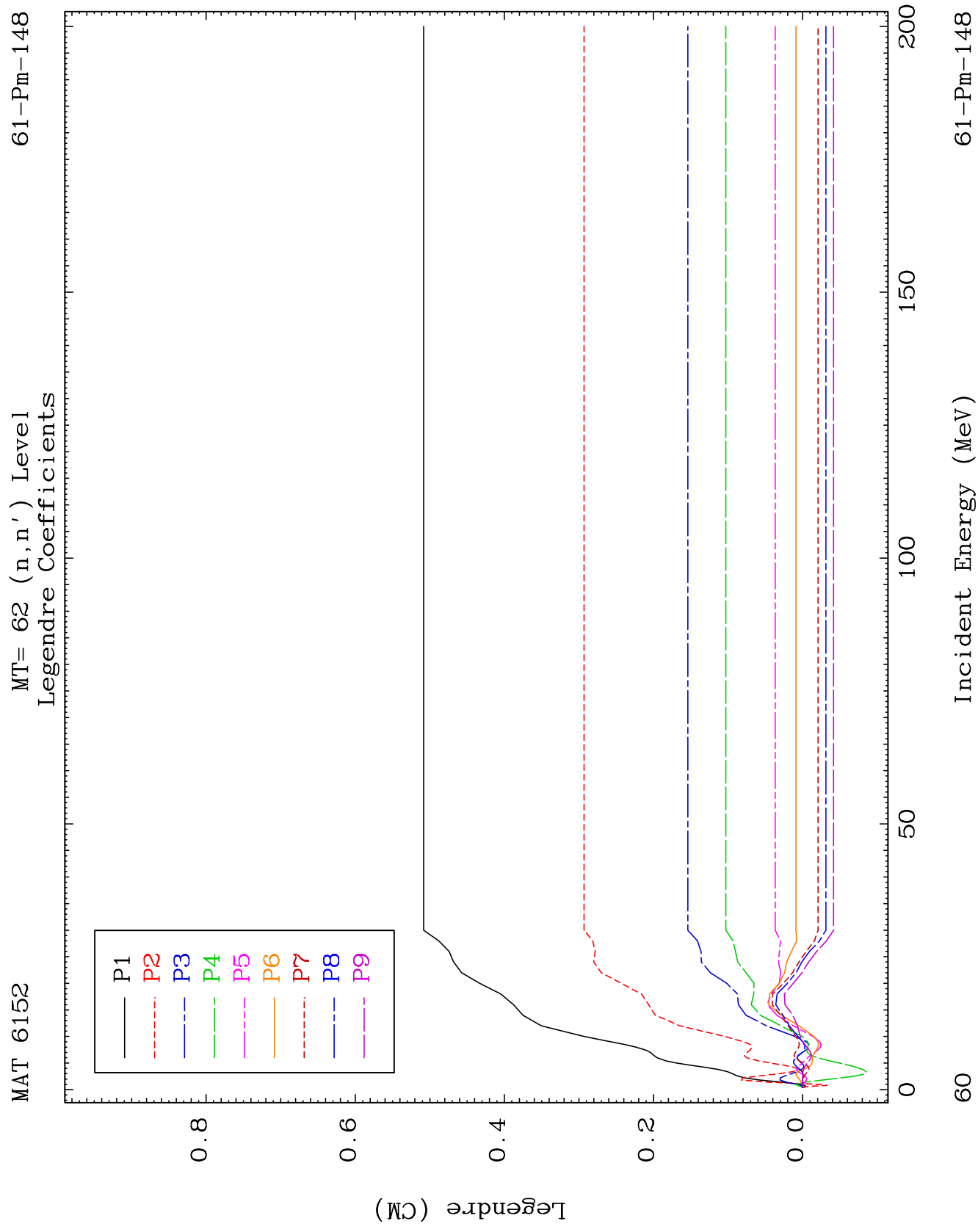


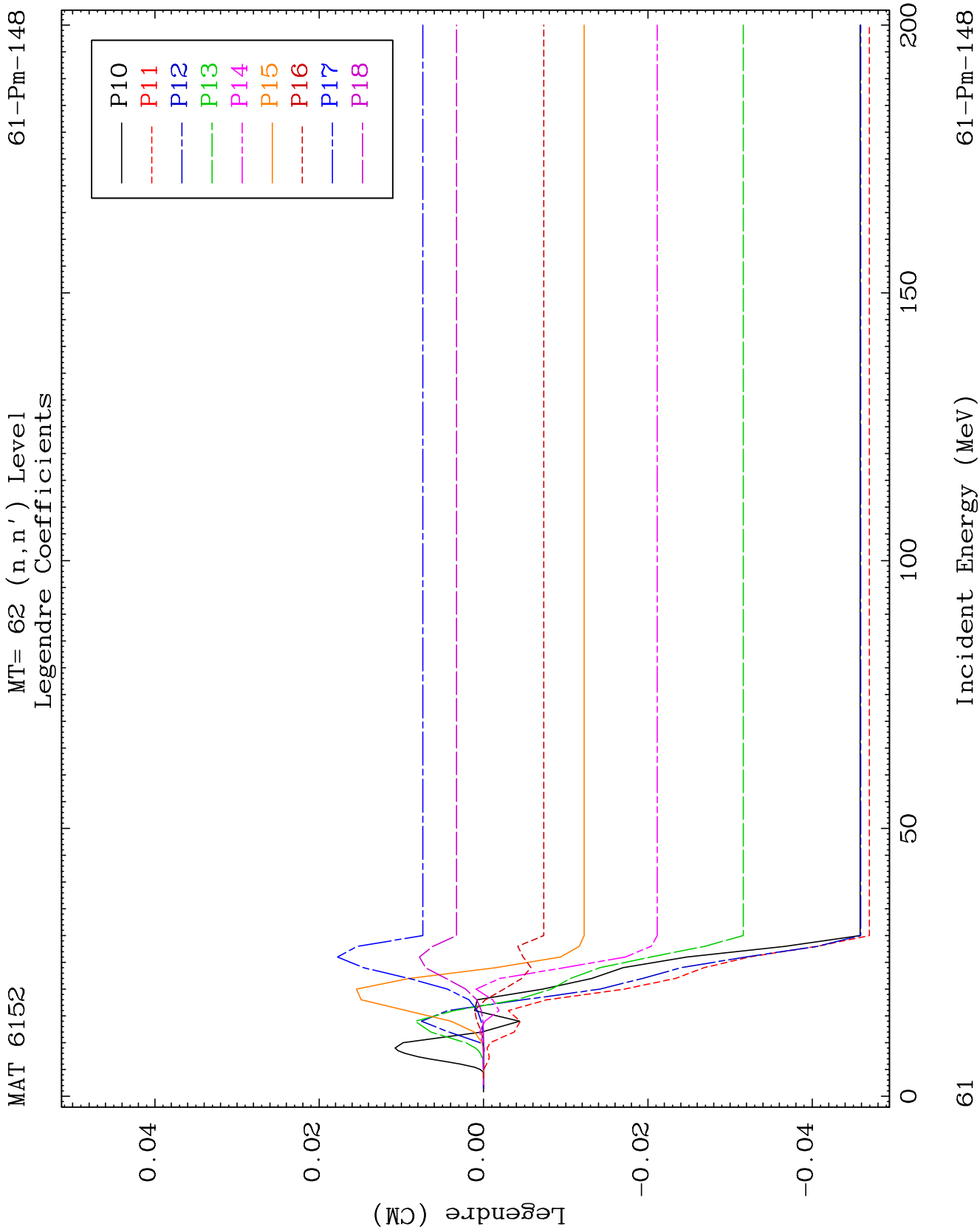
MAT 6152

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

61-Pm-148



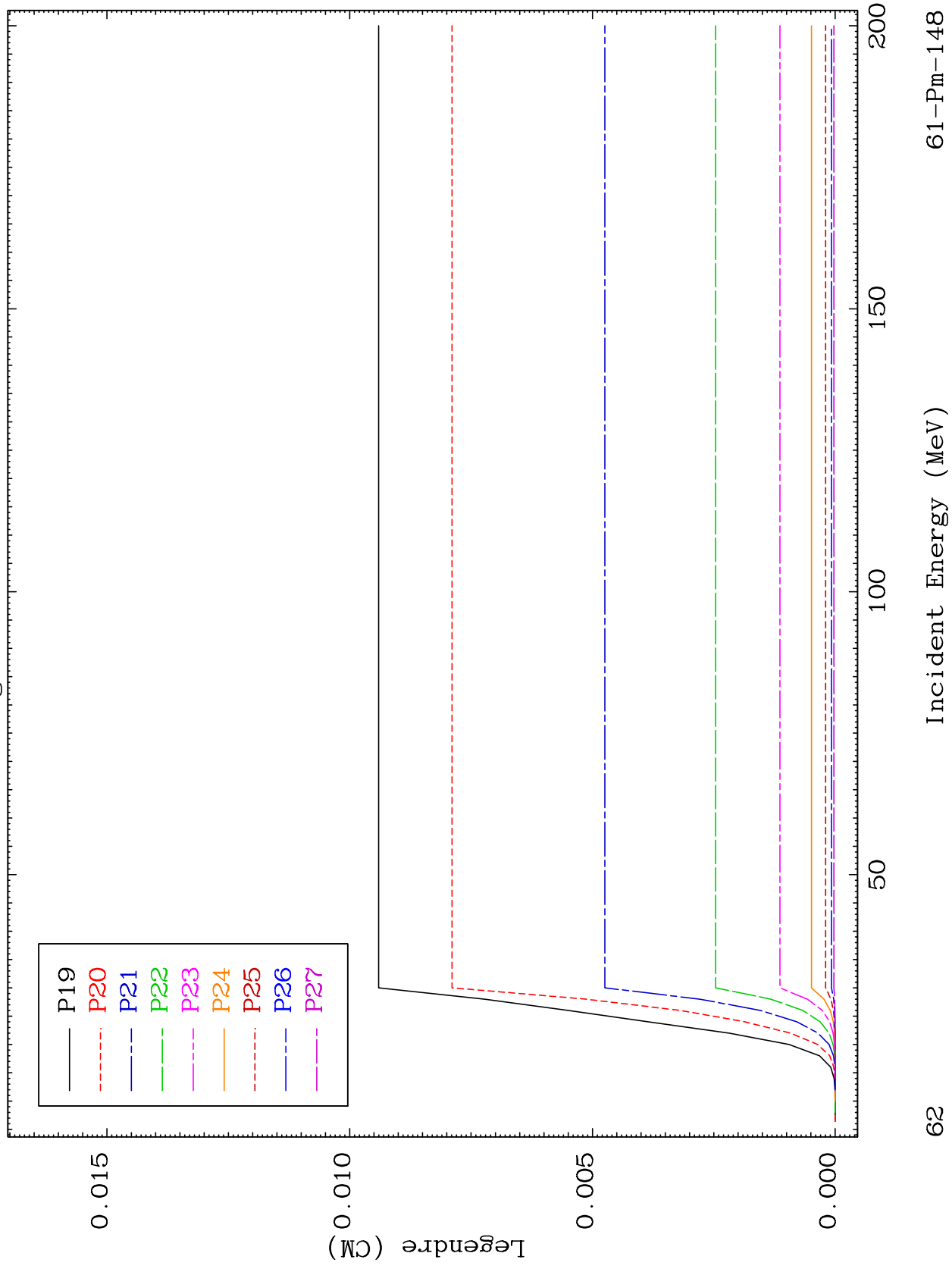




MAT 6152

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

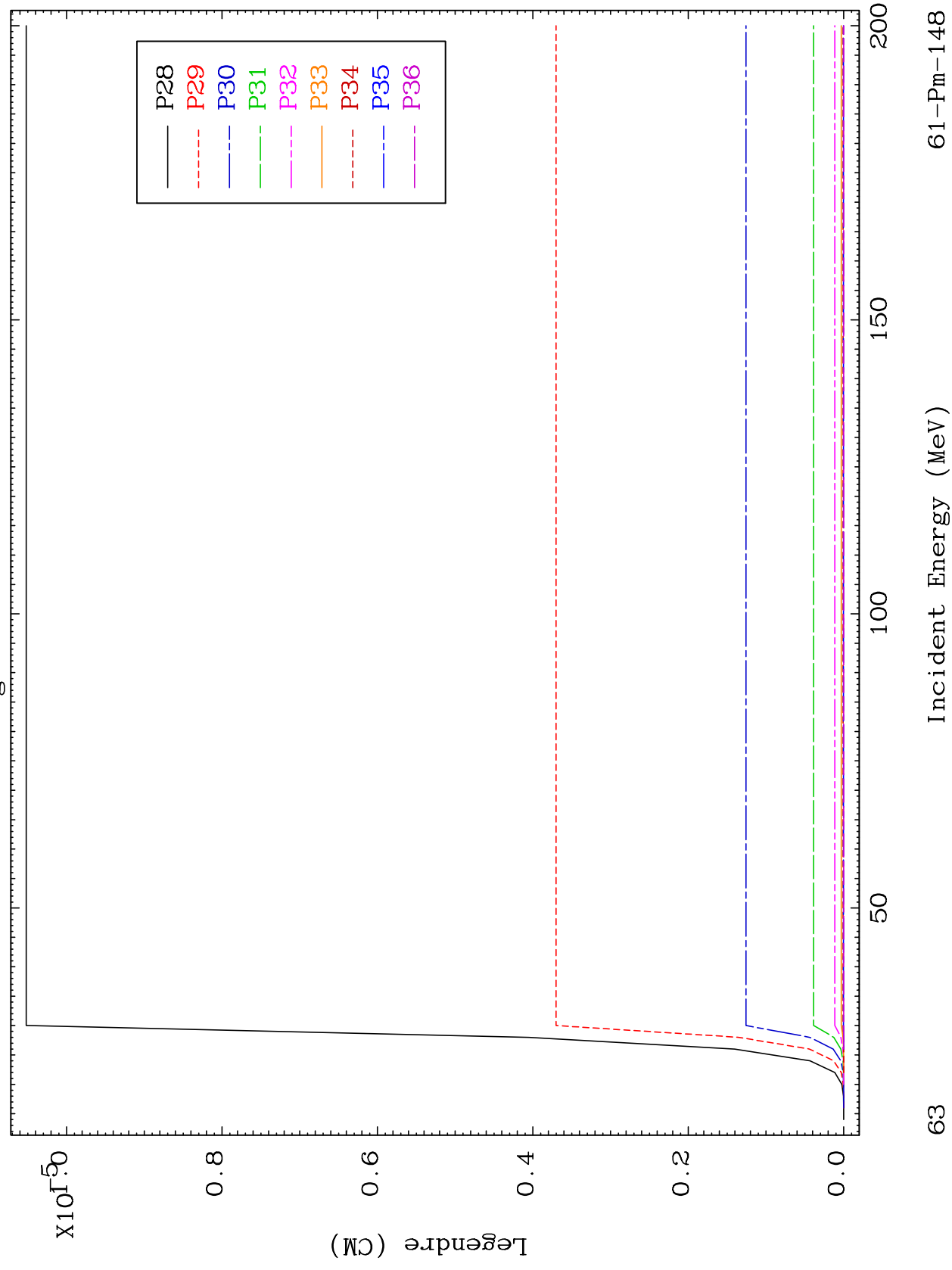
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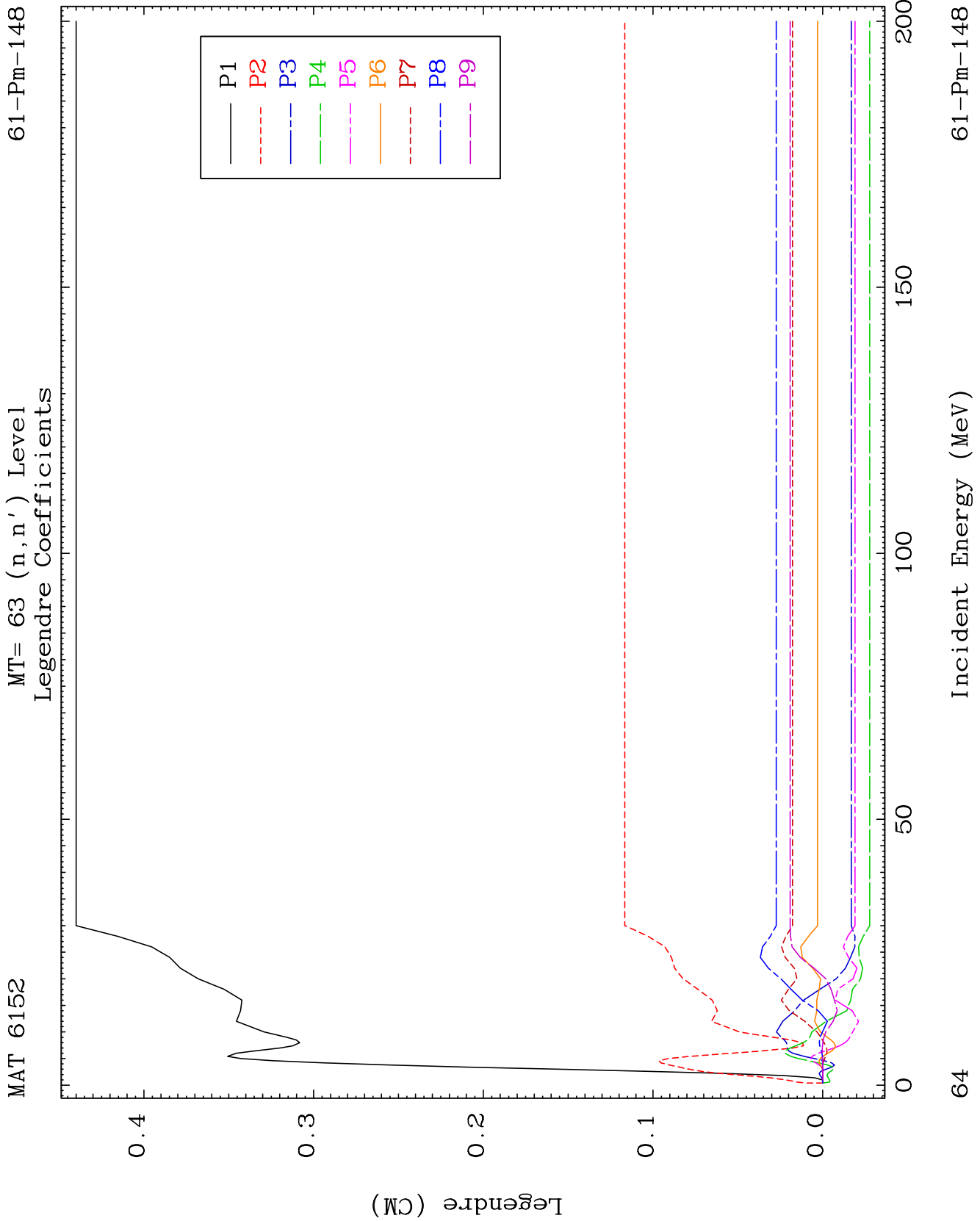


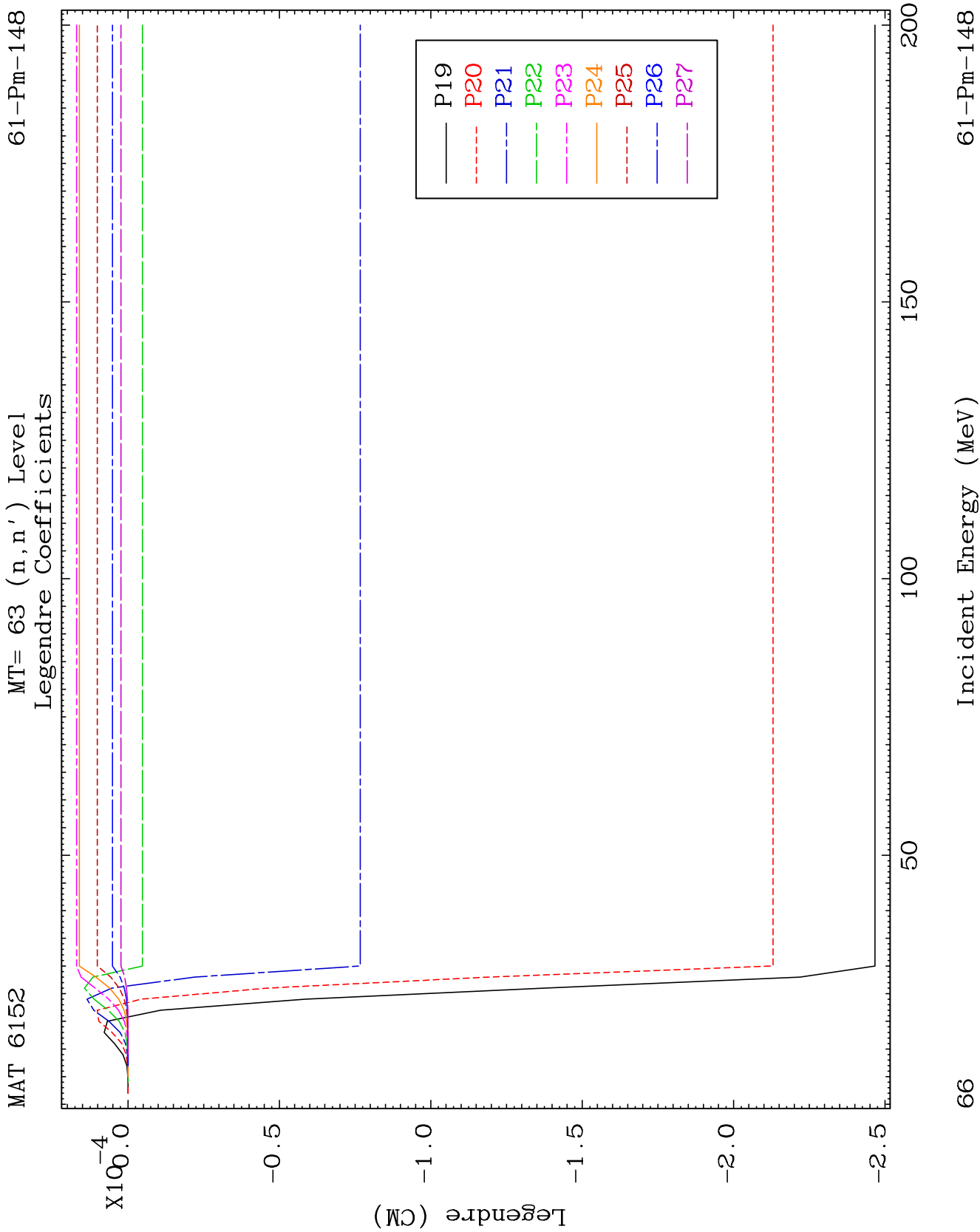
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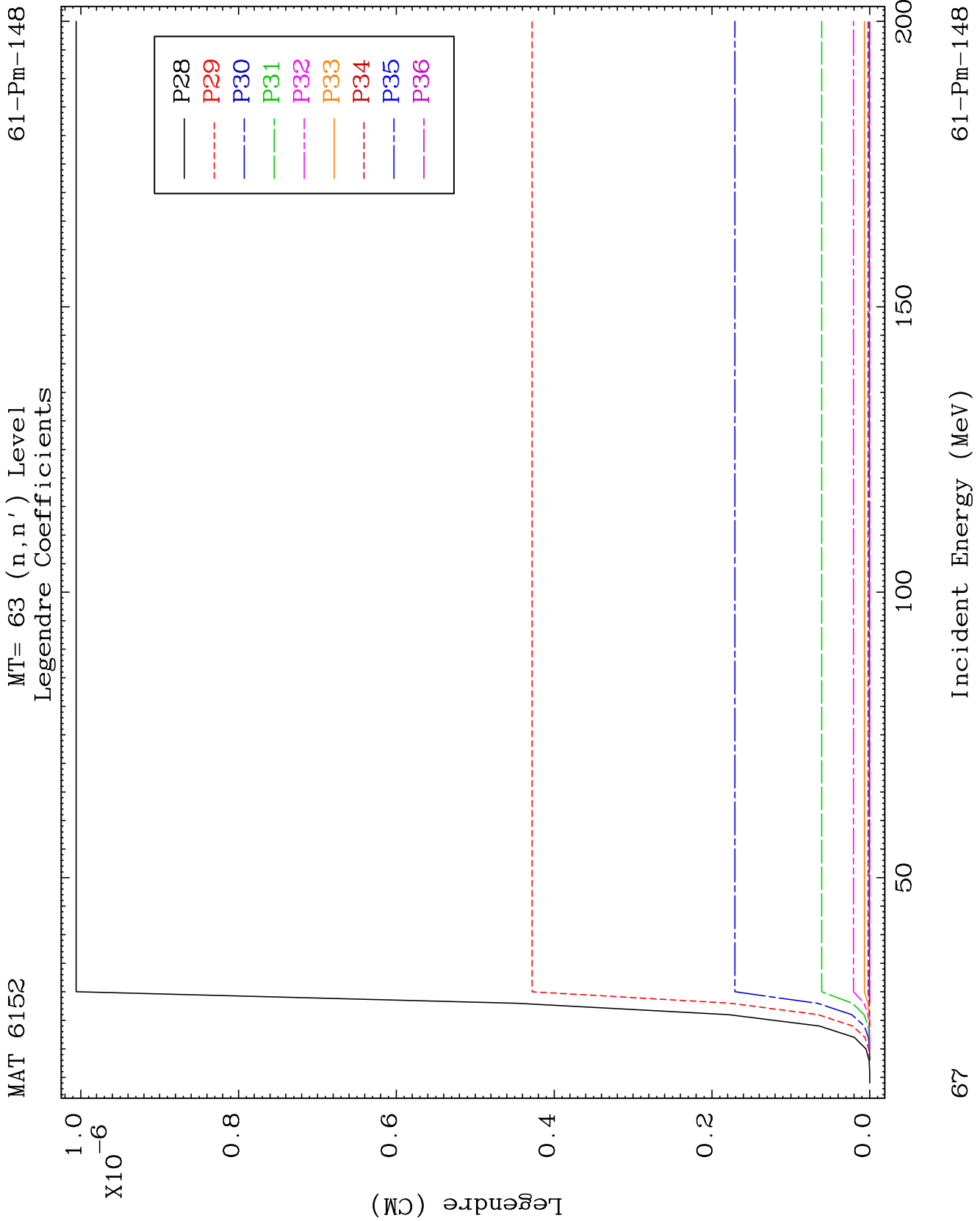
MT= 62 (n, n') Level
Legendre Coefficients

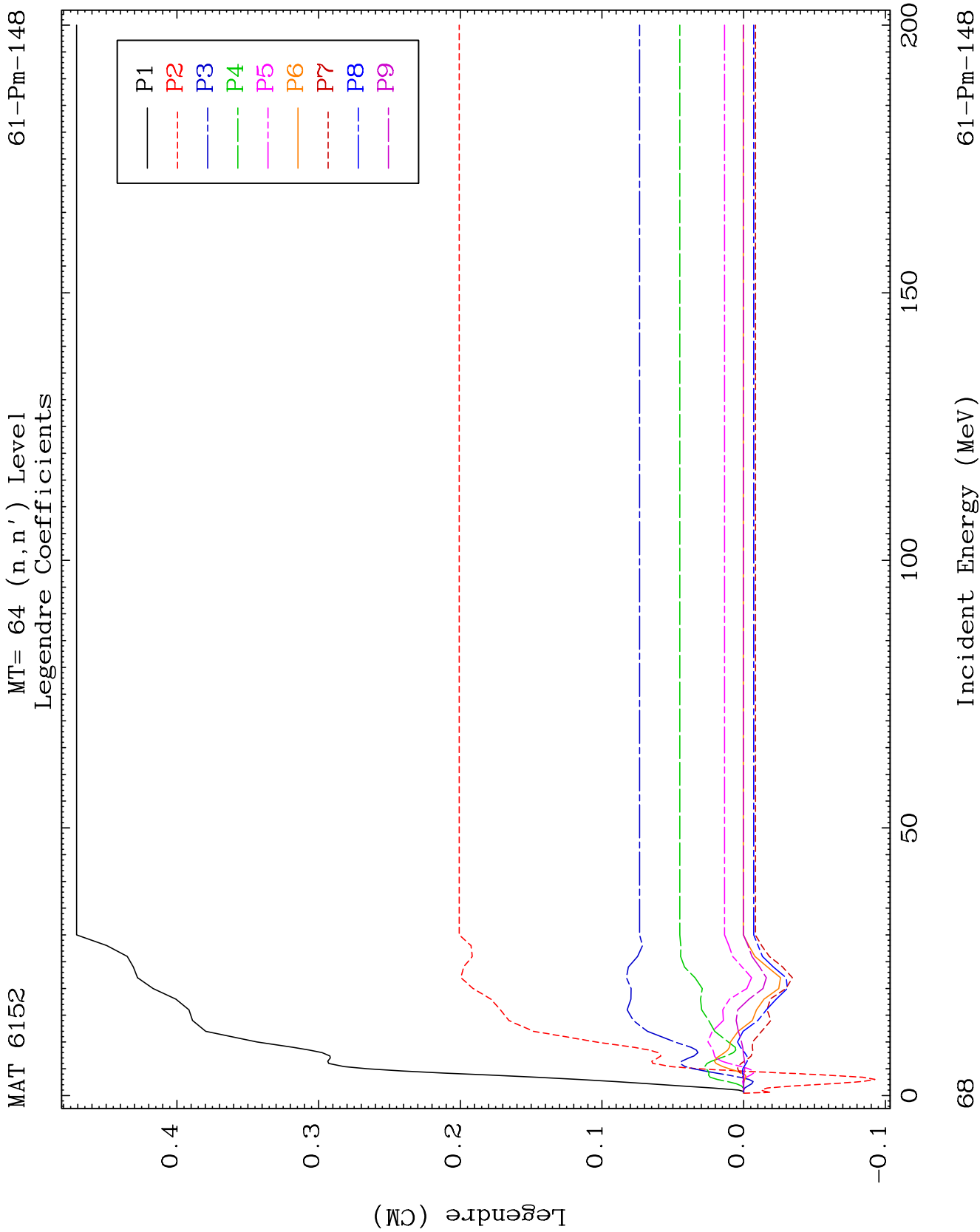
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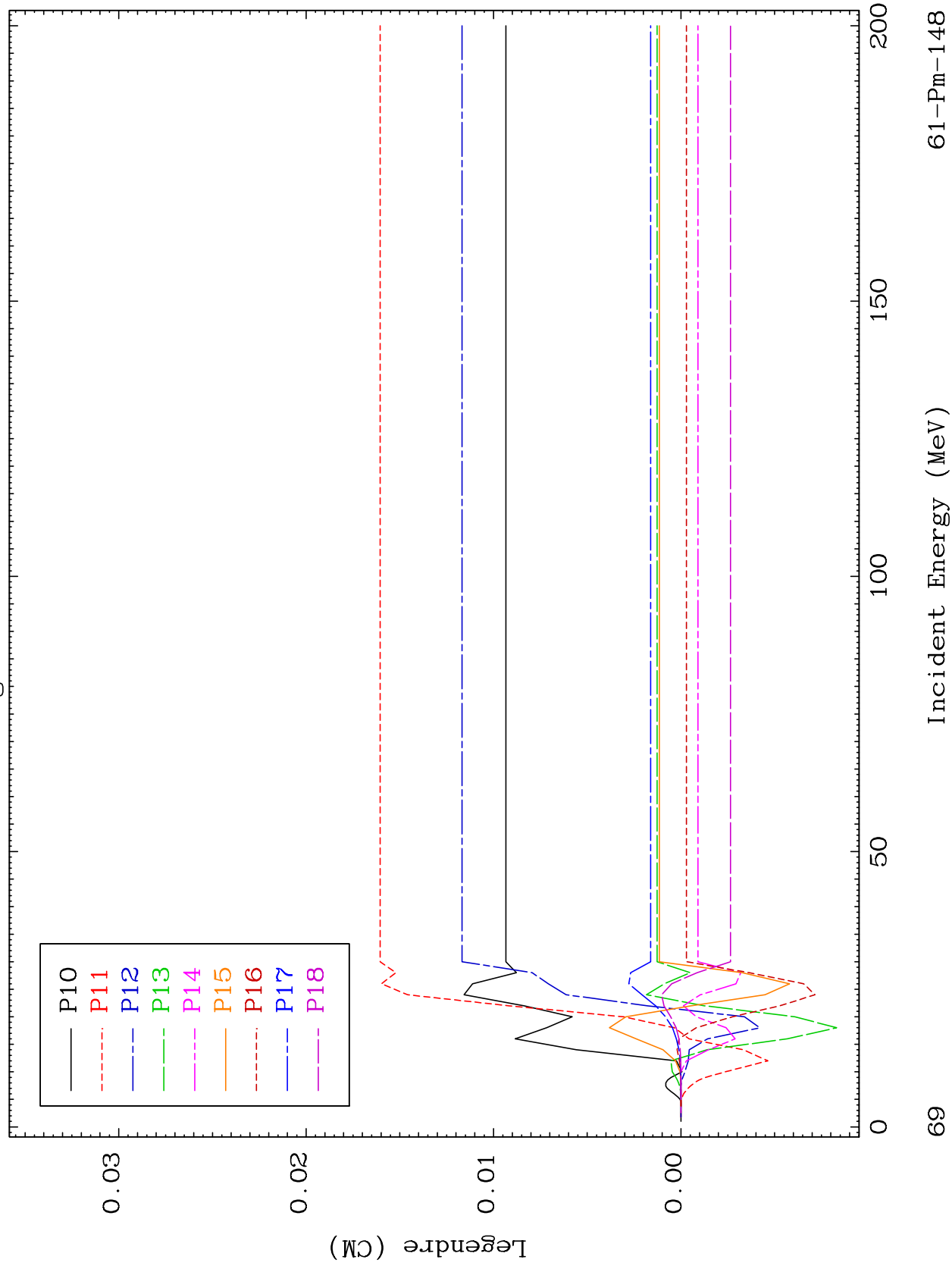


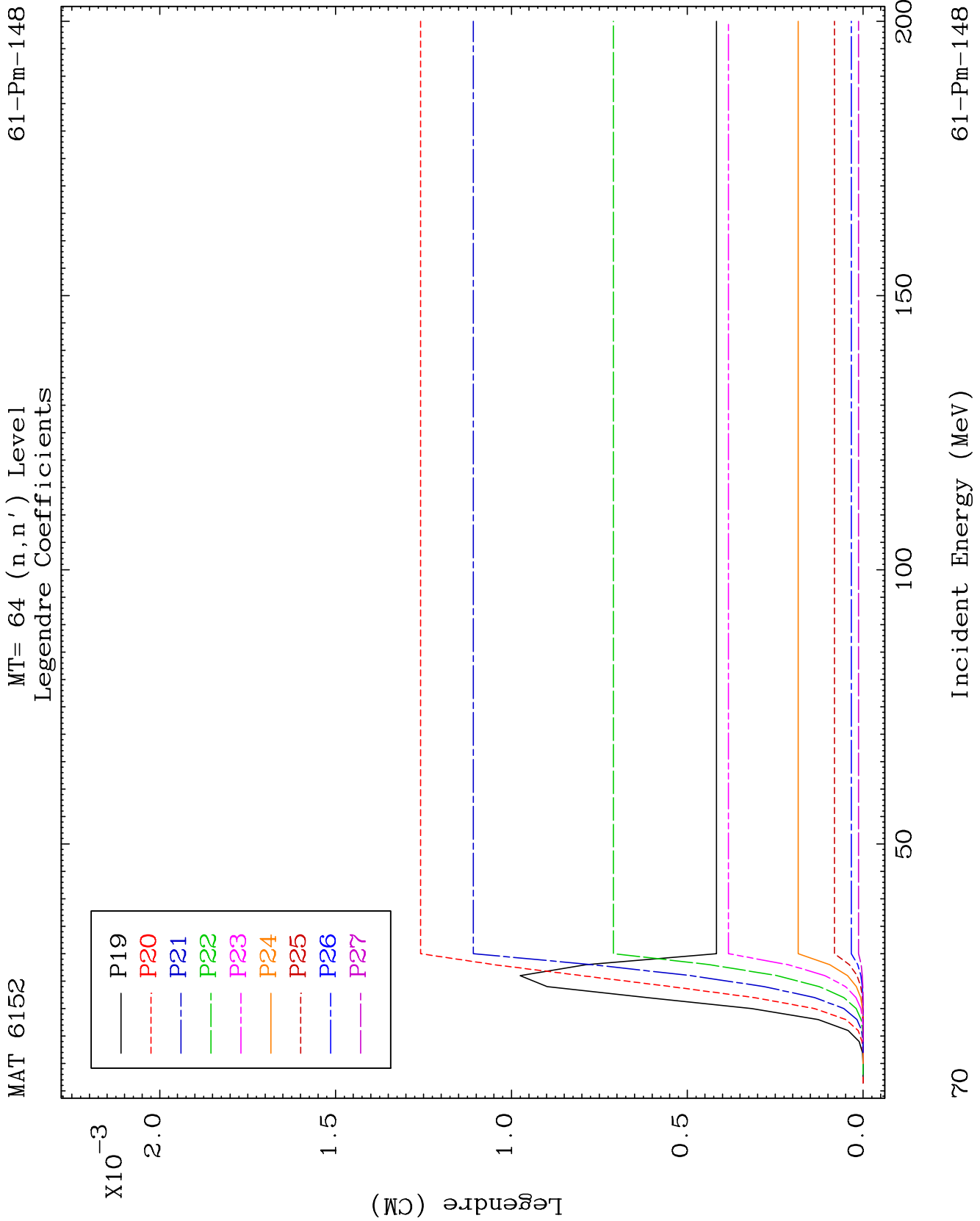


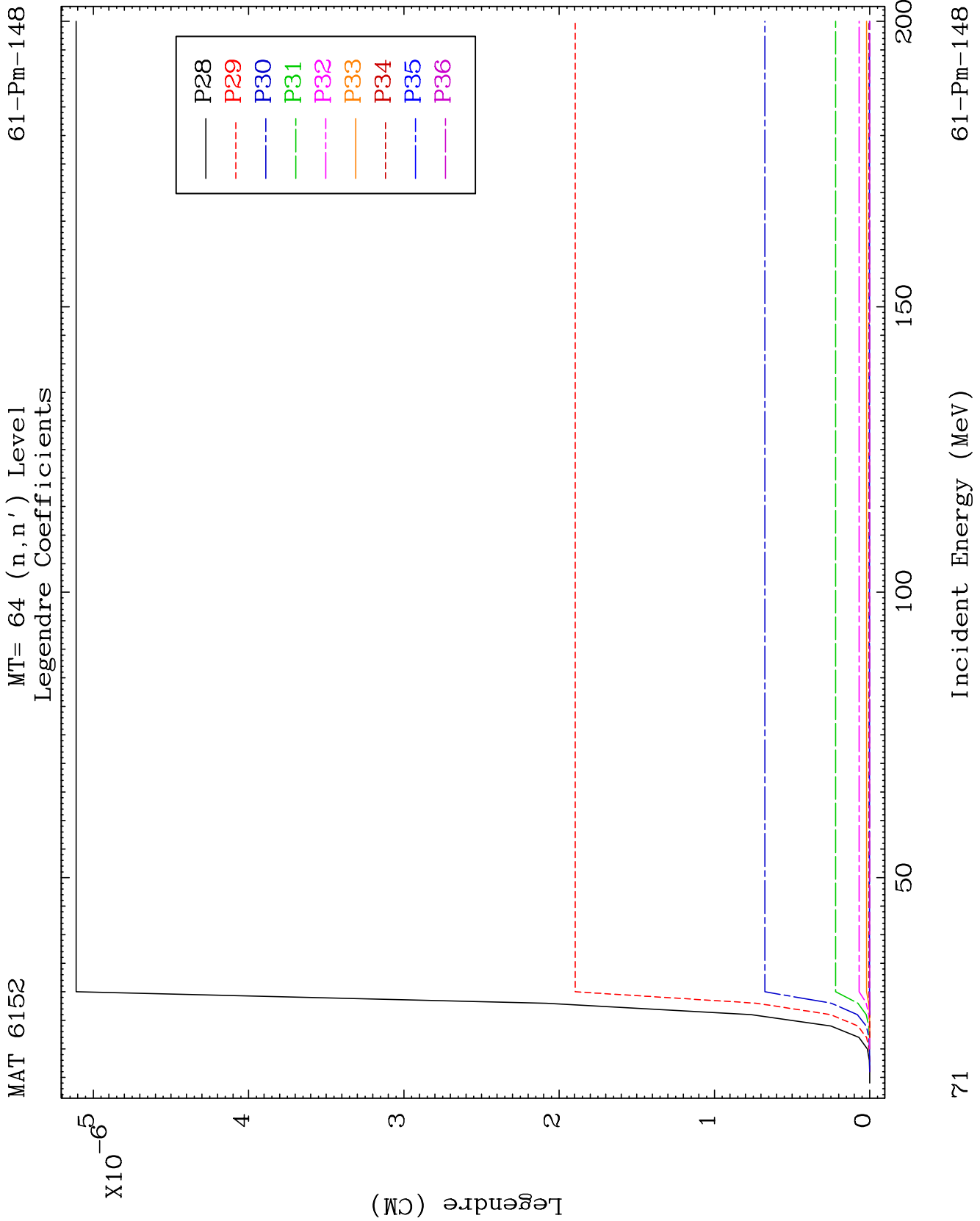
MAT 6152

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

61-Pm-148



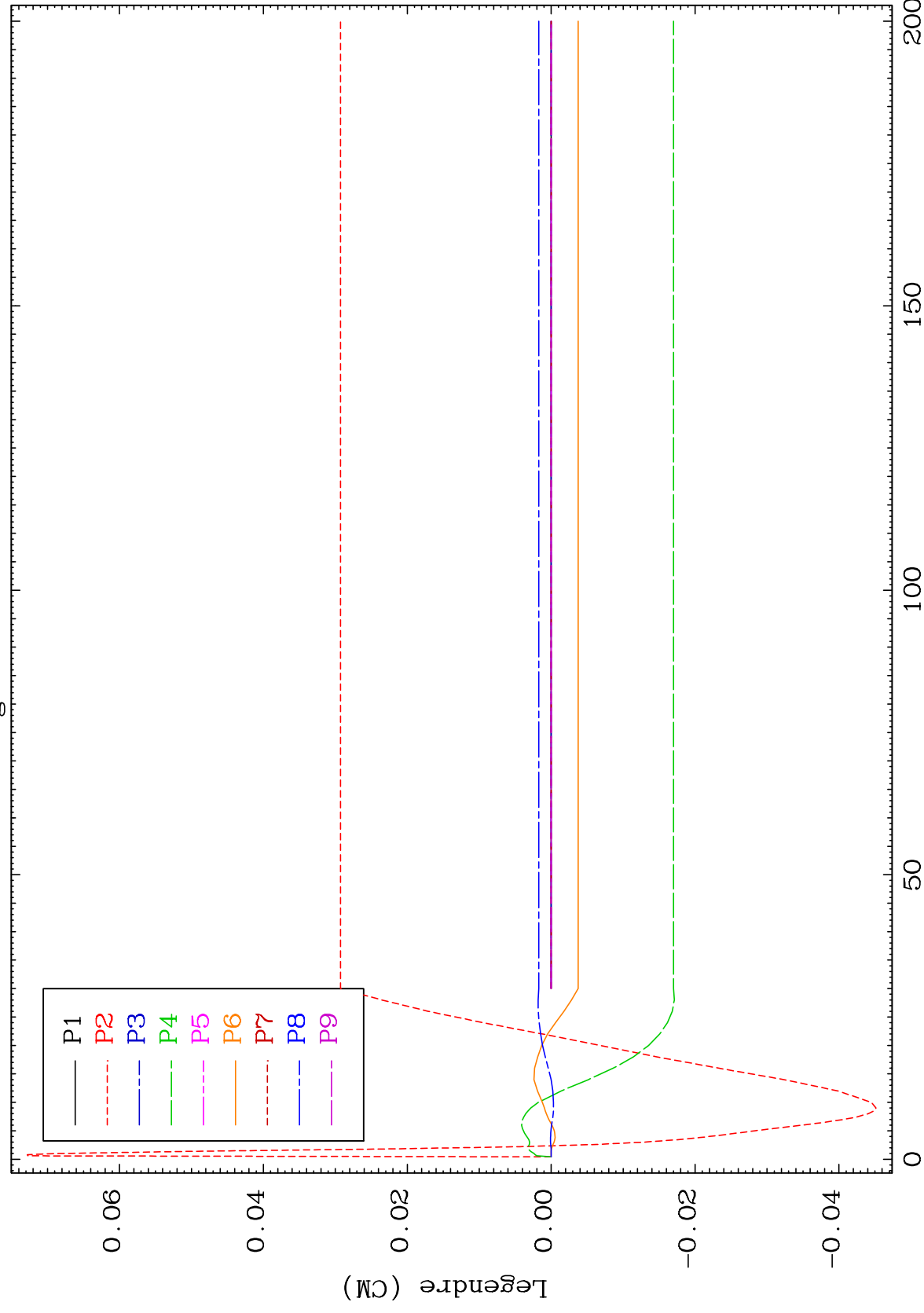




MAT 6152

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

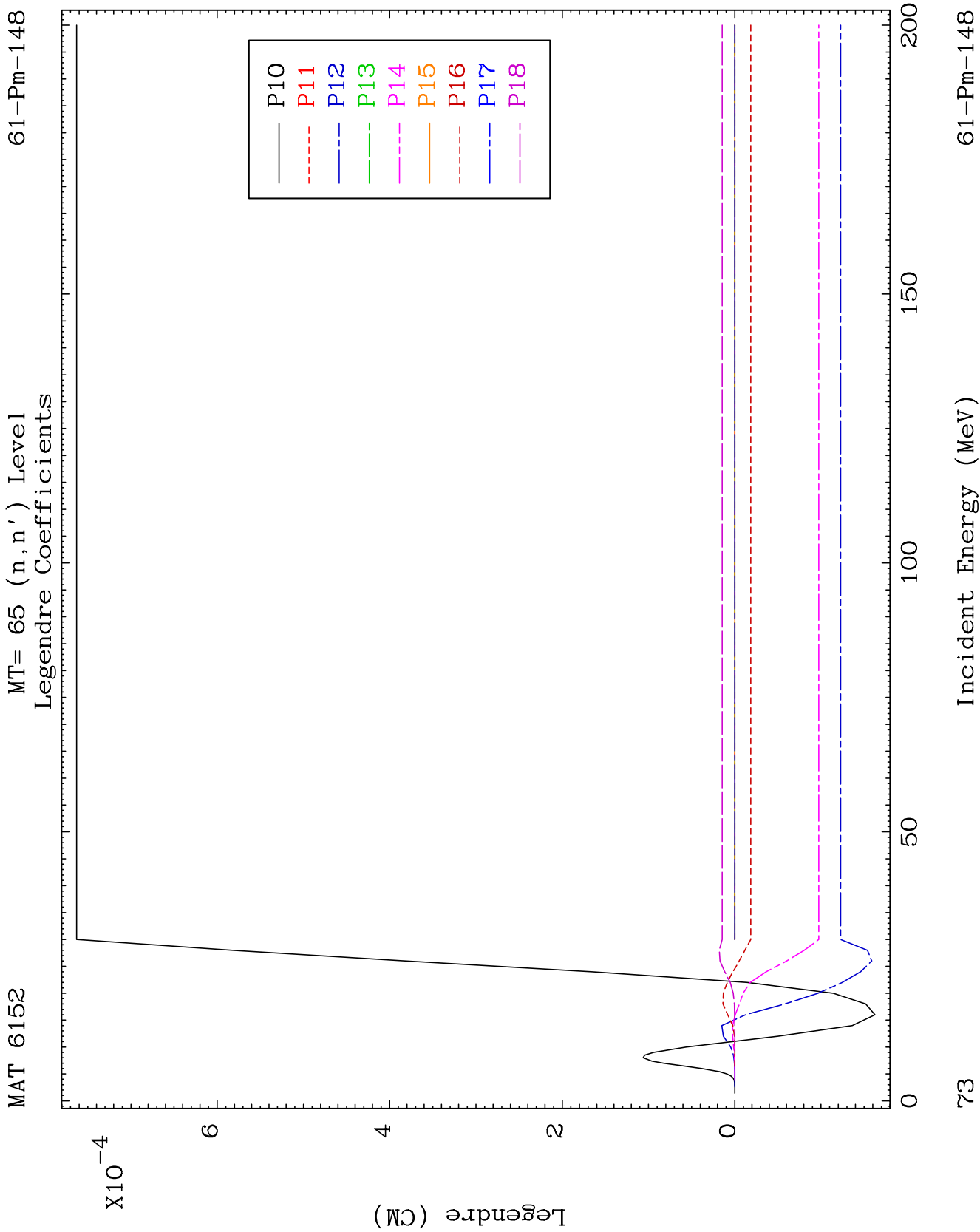
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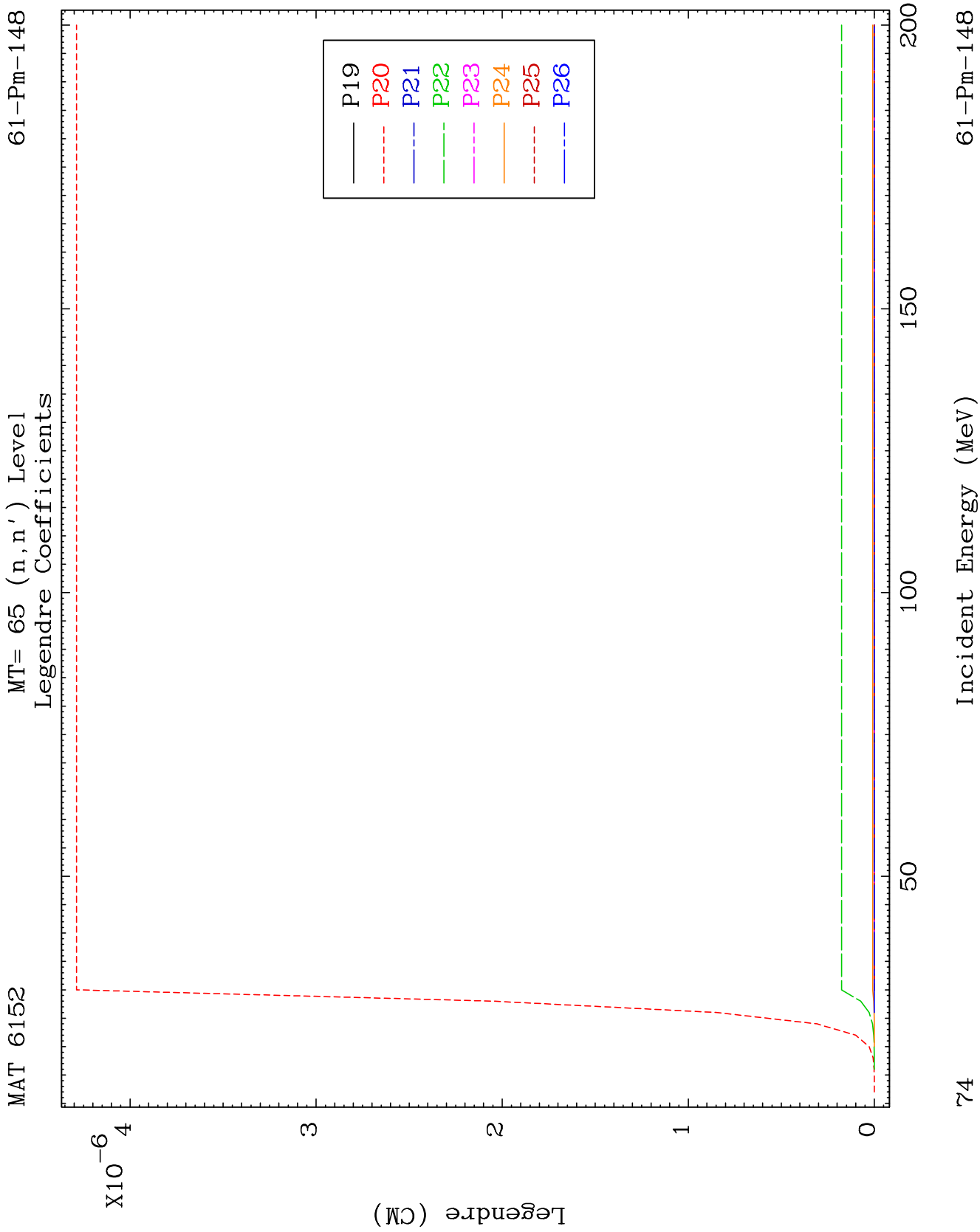


22

Incident Energy (MeV)

61-Pm-148

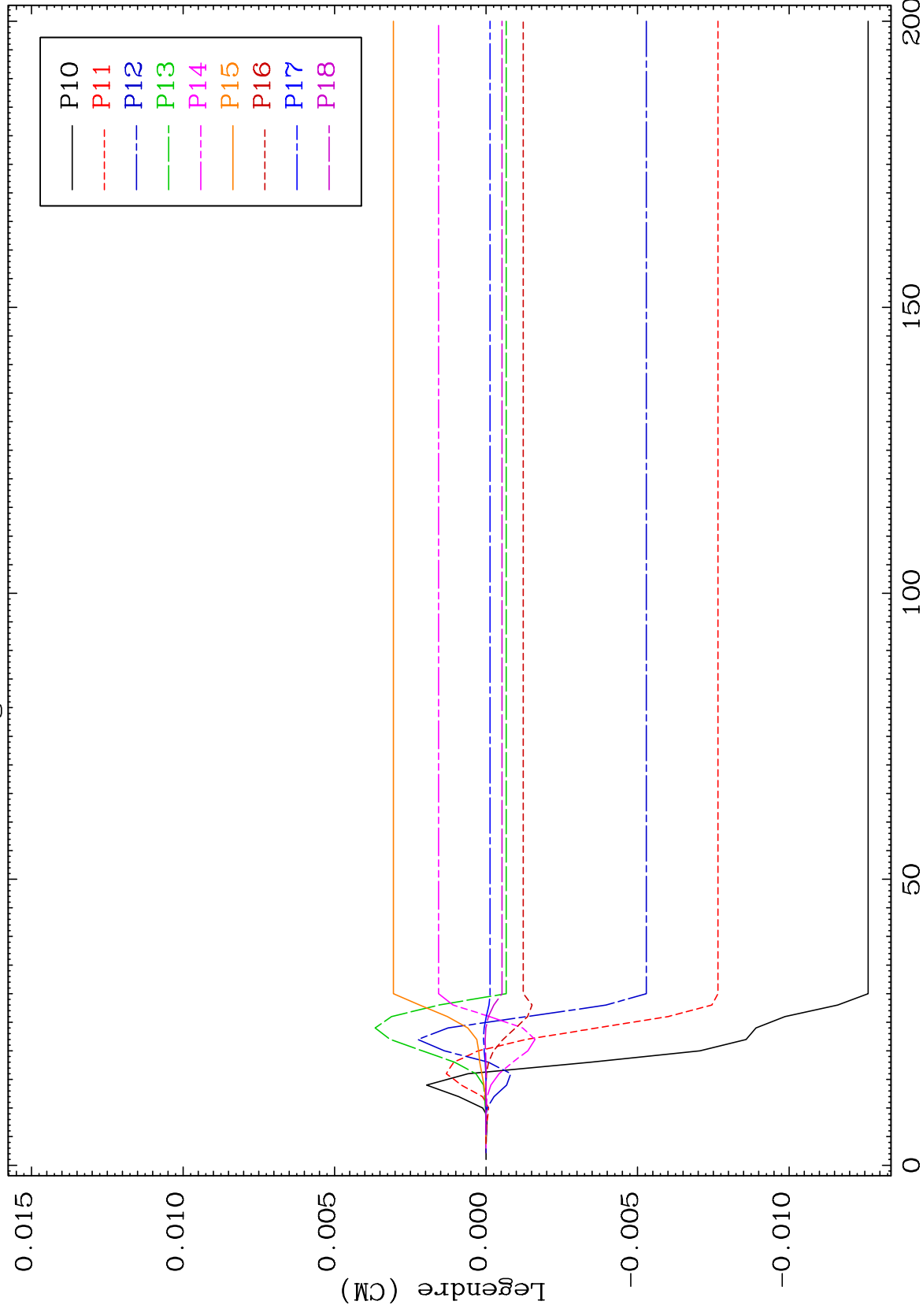




MAT 6152

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

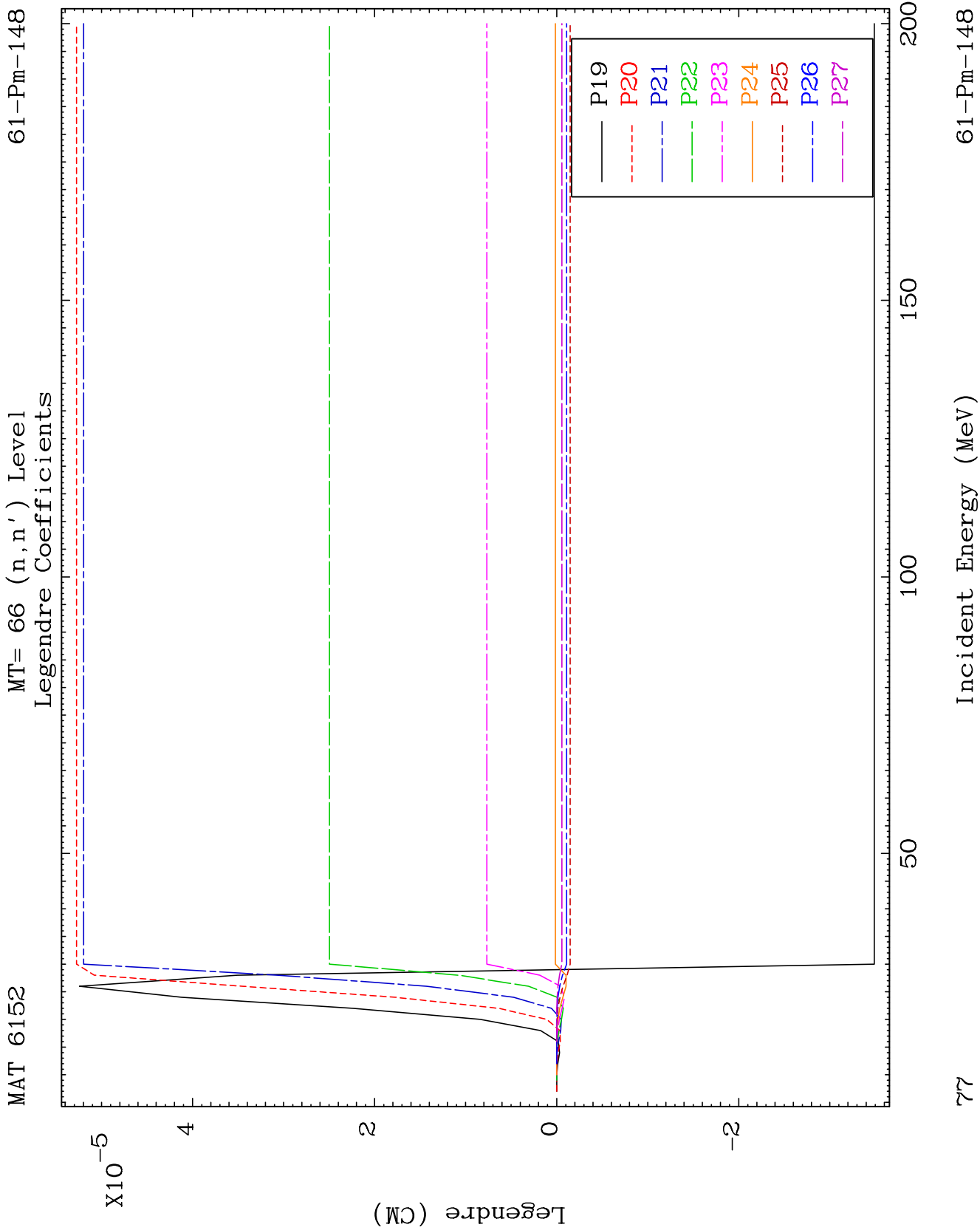
61-Pm-148



92

Incident Energy (MeV)

61-Pm-148

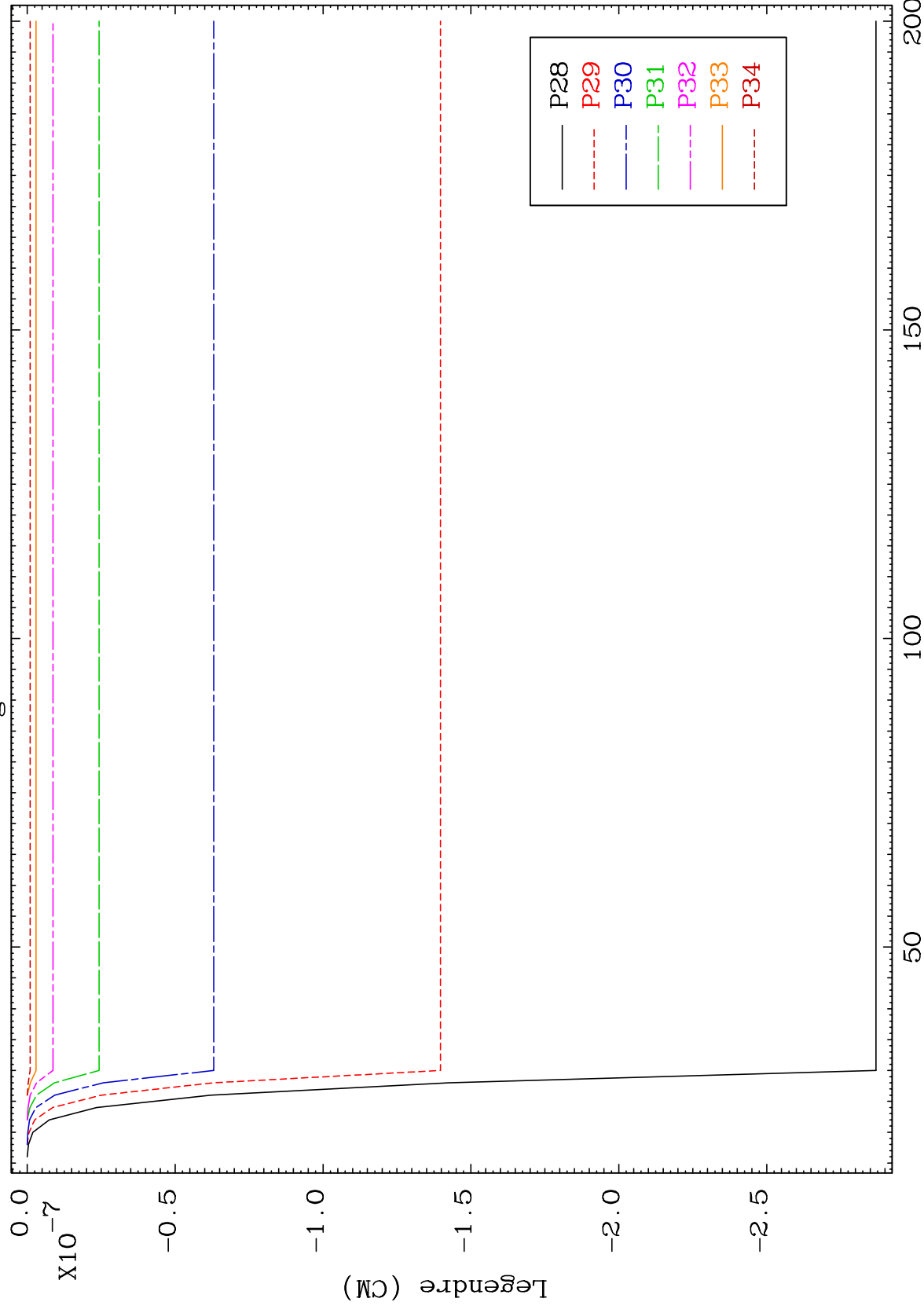


MAT 6152

MT= 66 (n, n') Level

61-Pm-148

Legendre Coefficients



82

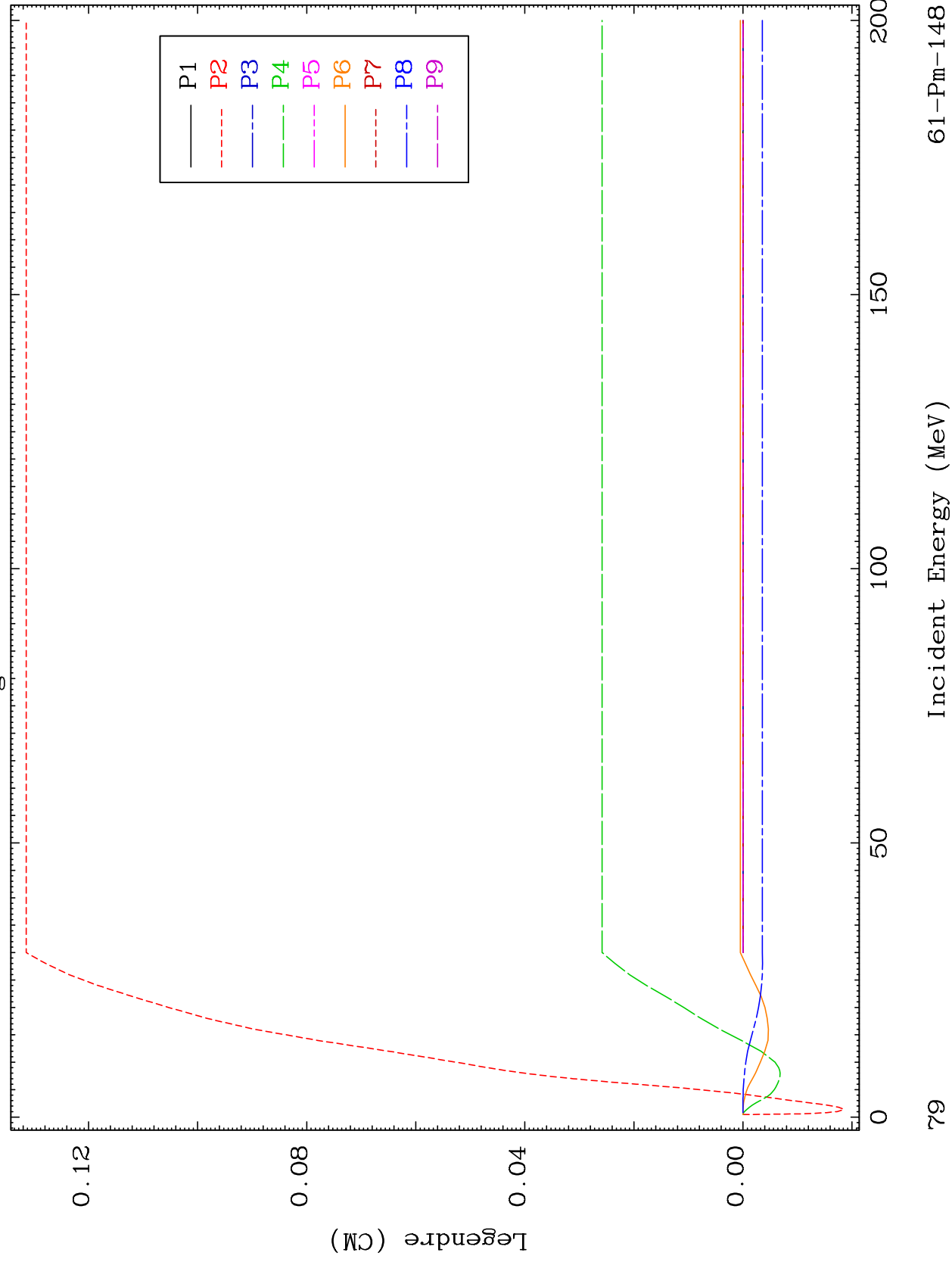
Incident Energy (MeV)

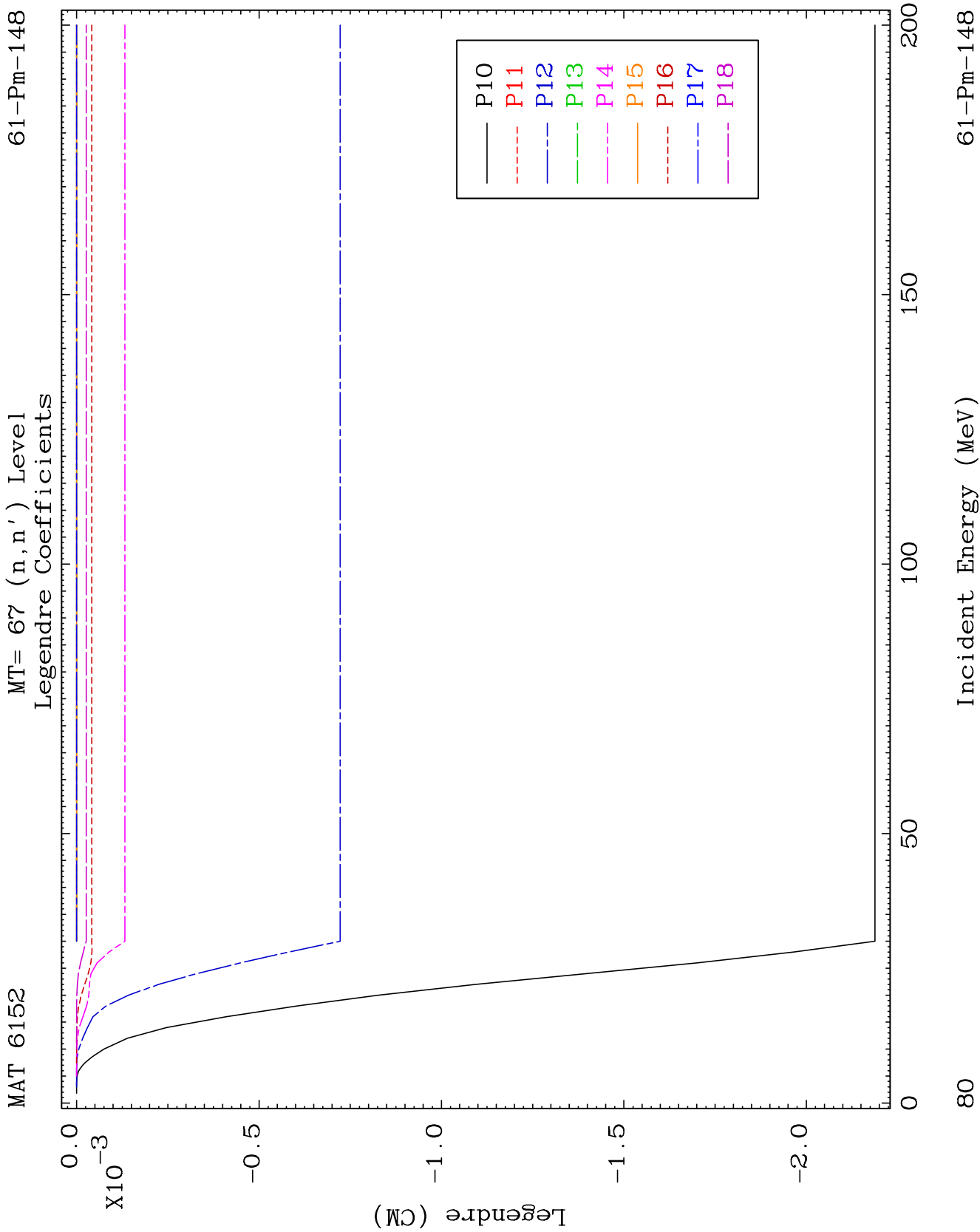
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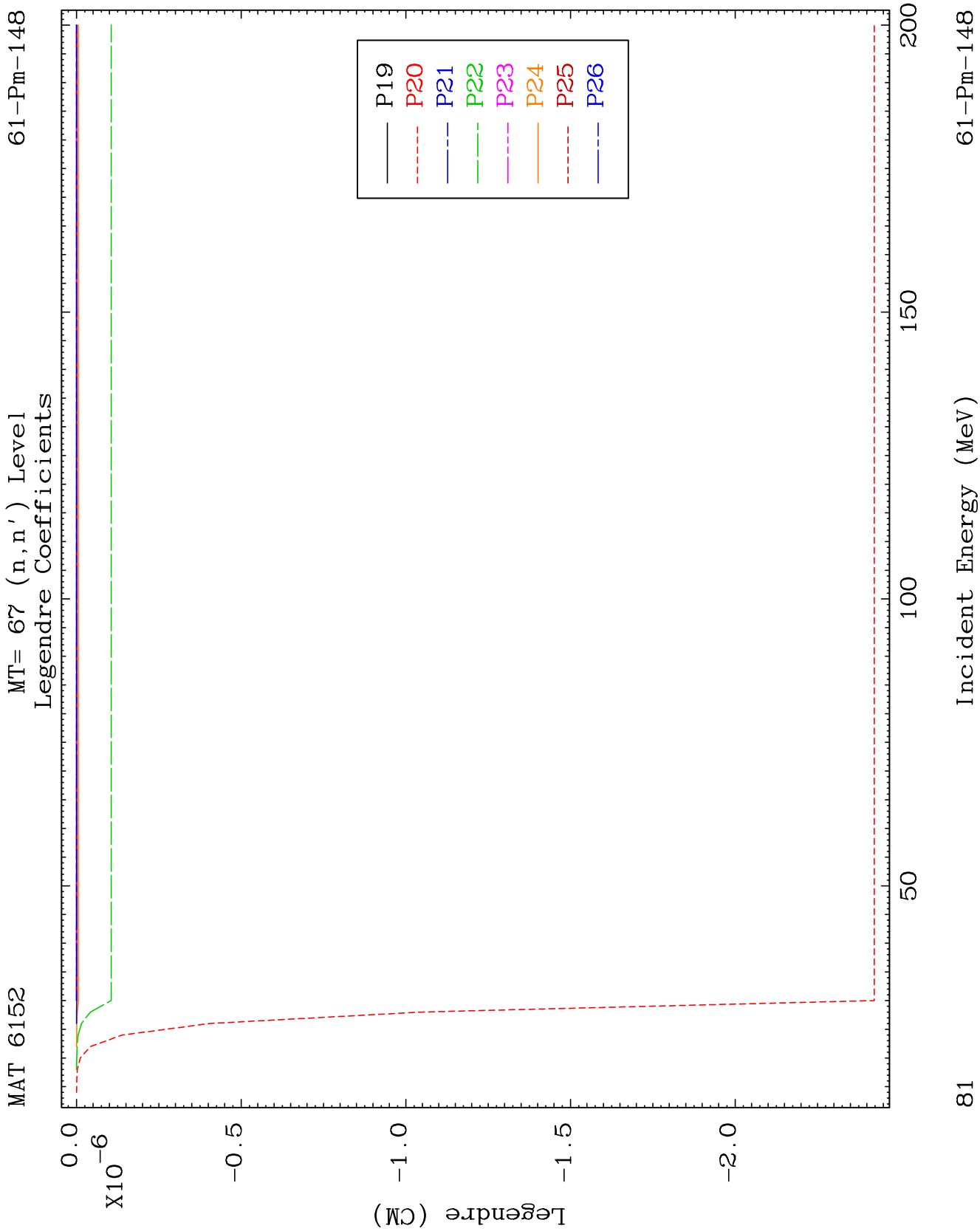
MAT 6152

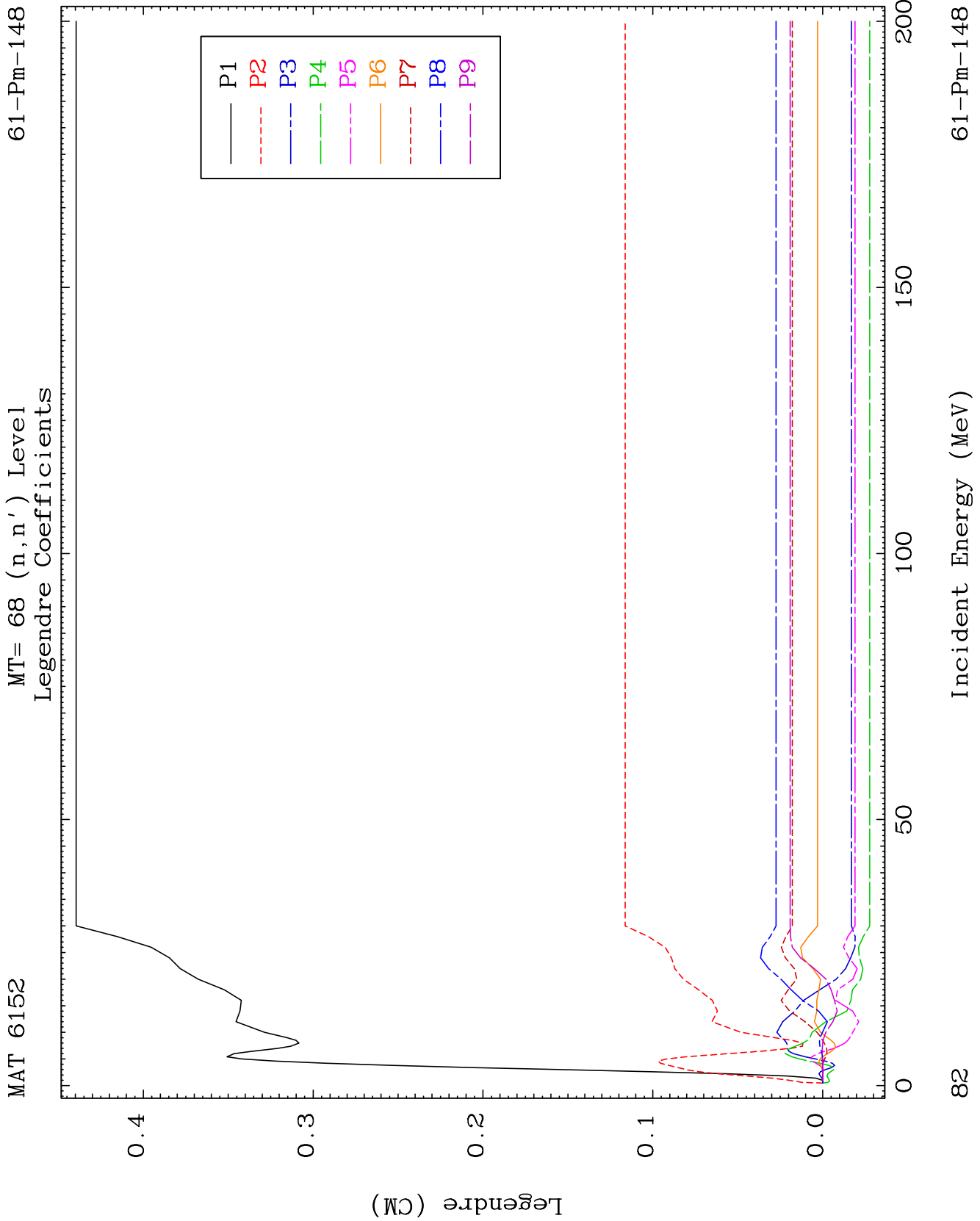
MT= 67 (n, n') Level
Legendre Coefficients

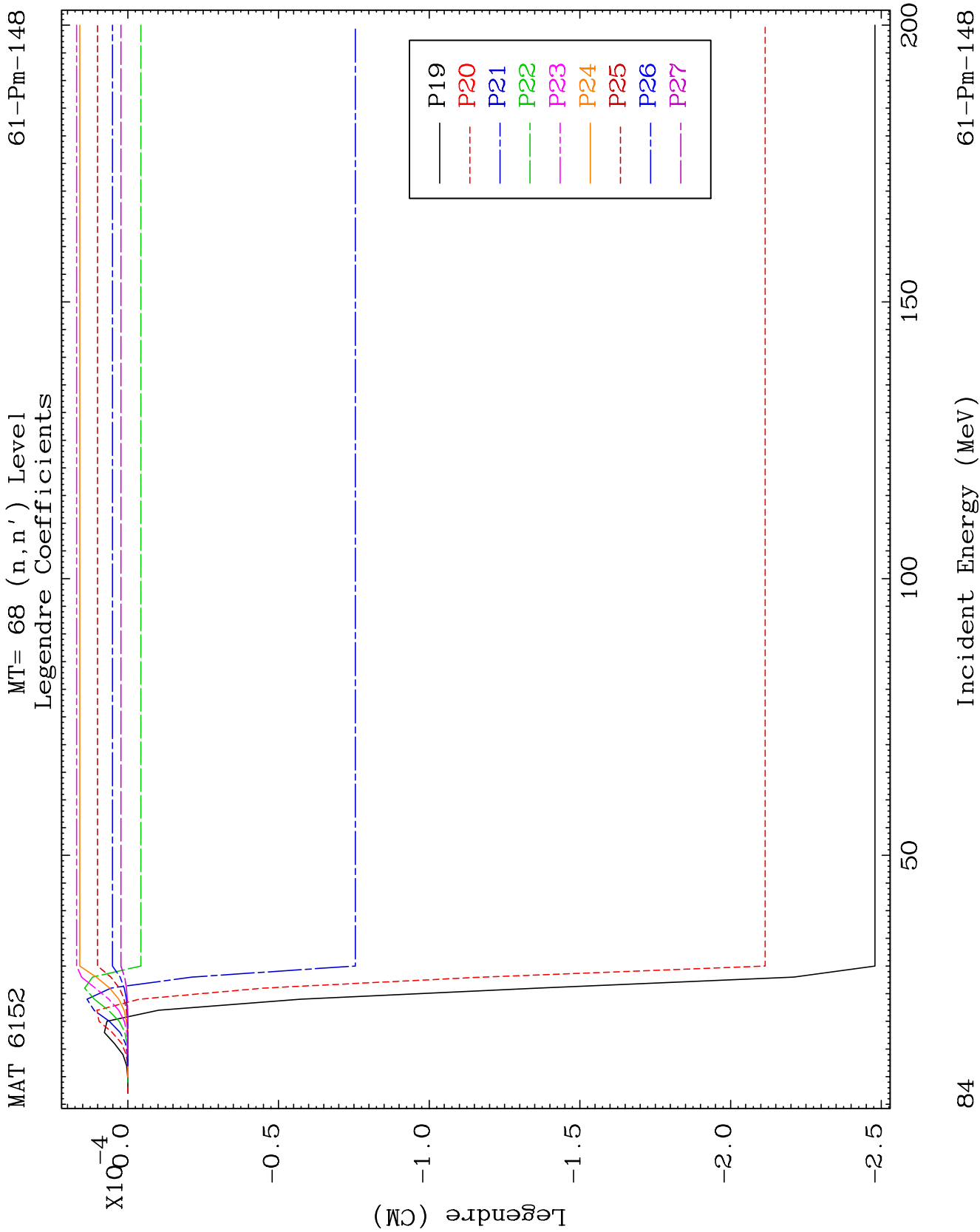
61-Pm-148

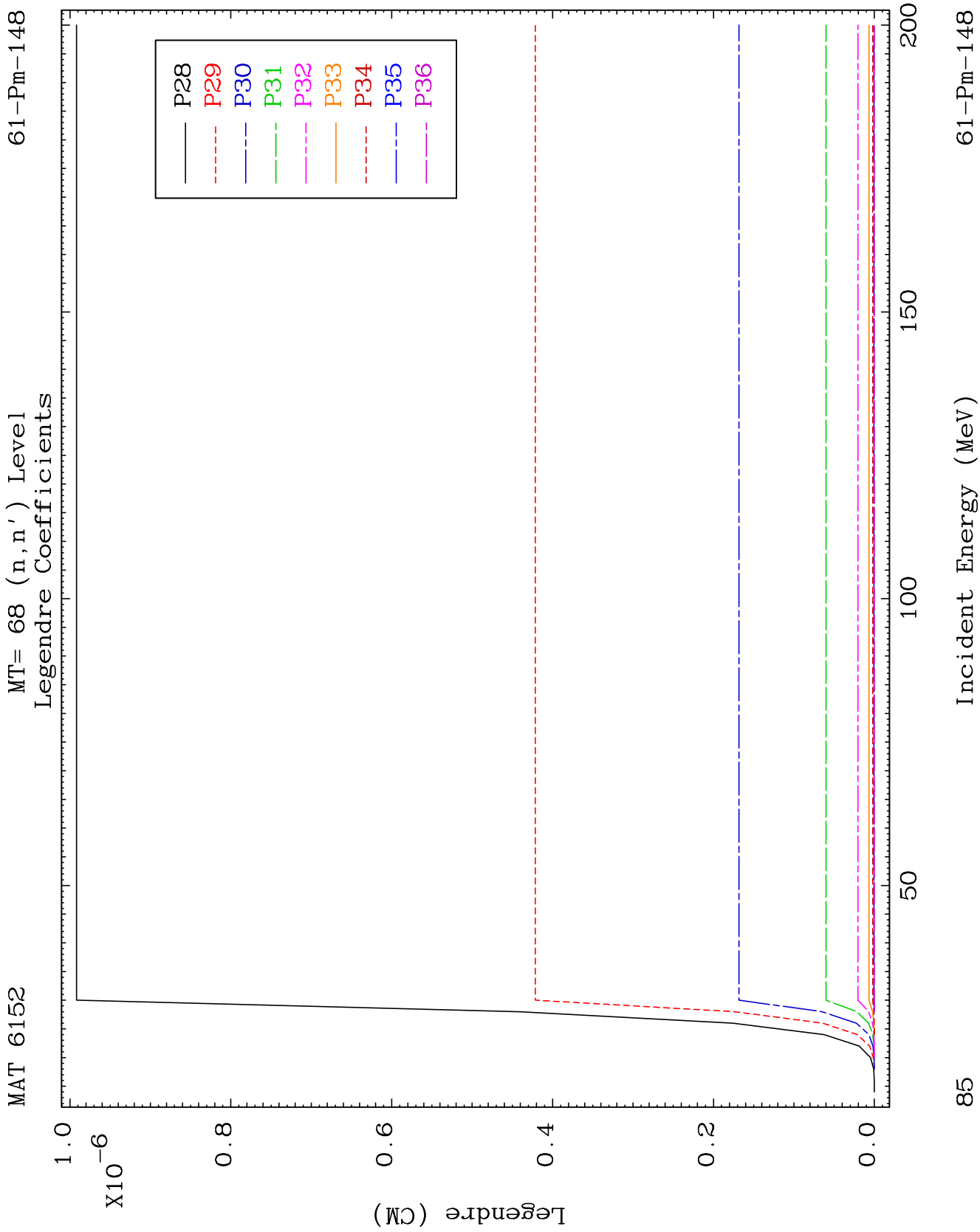


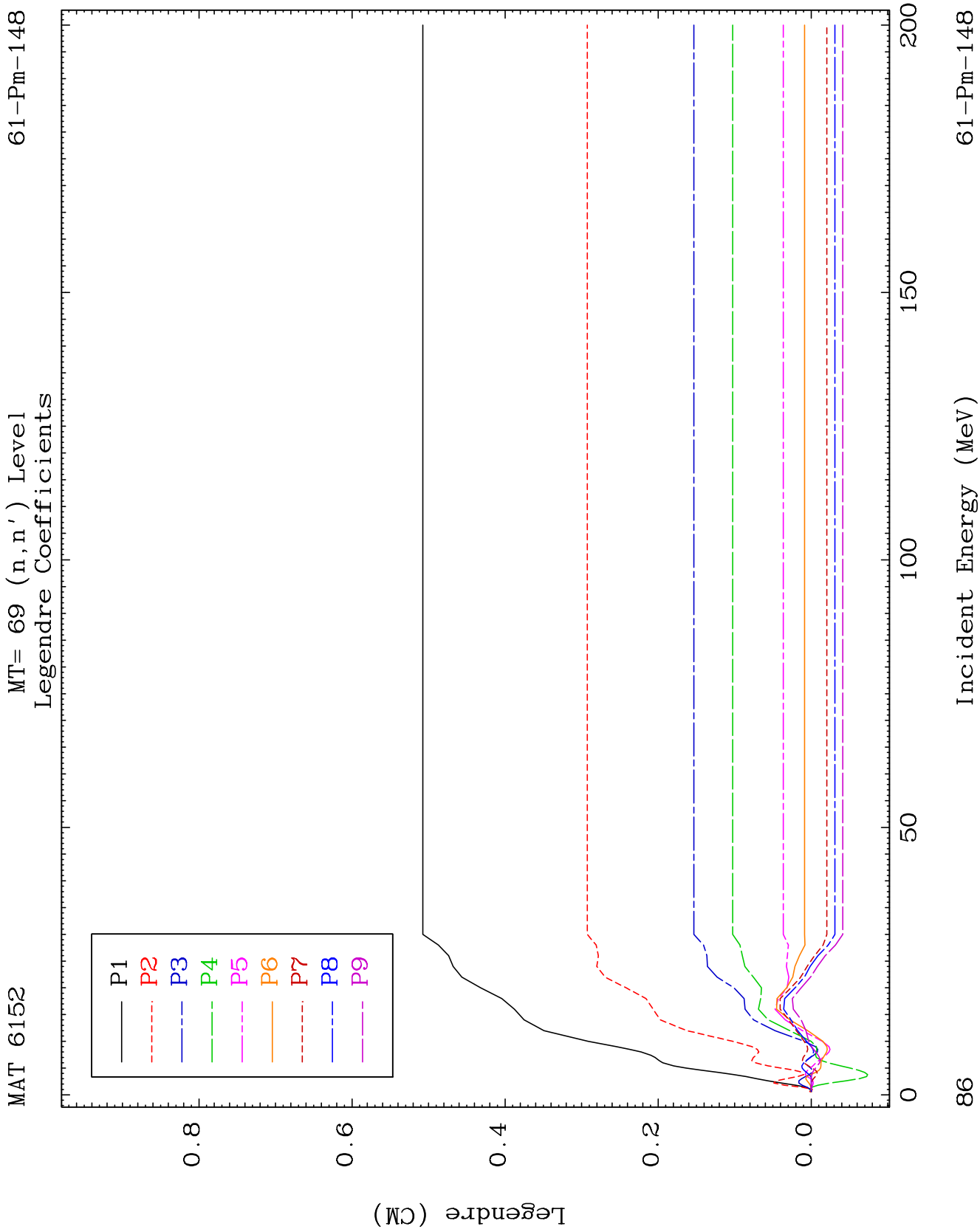








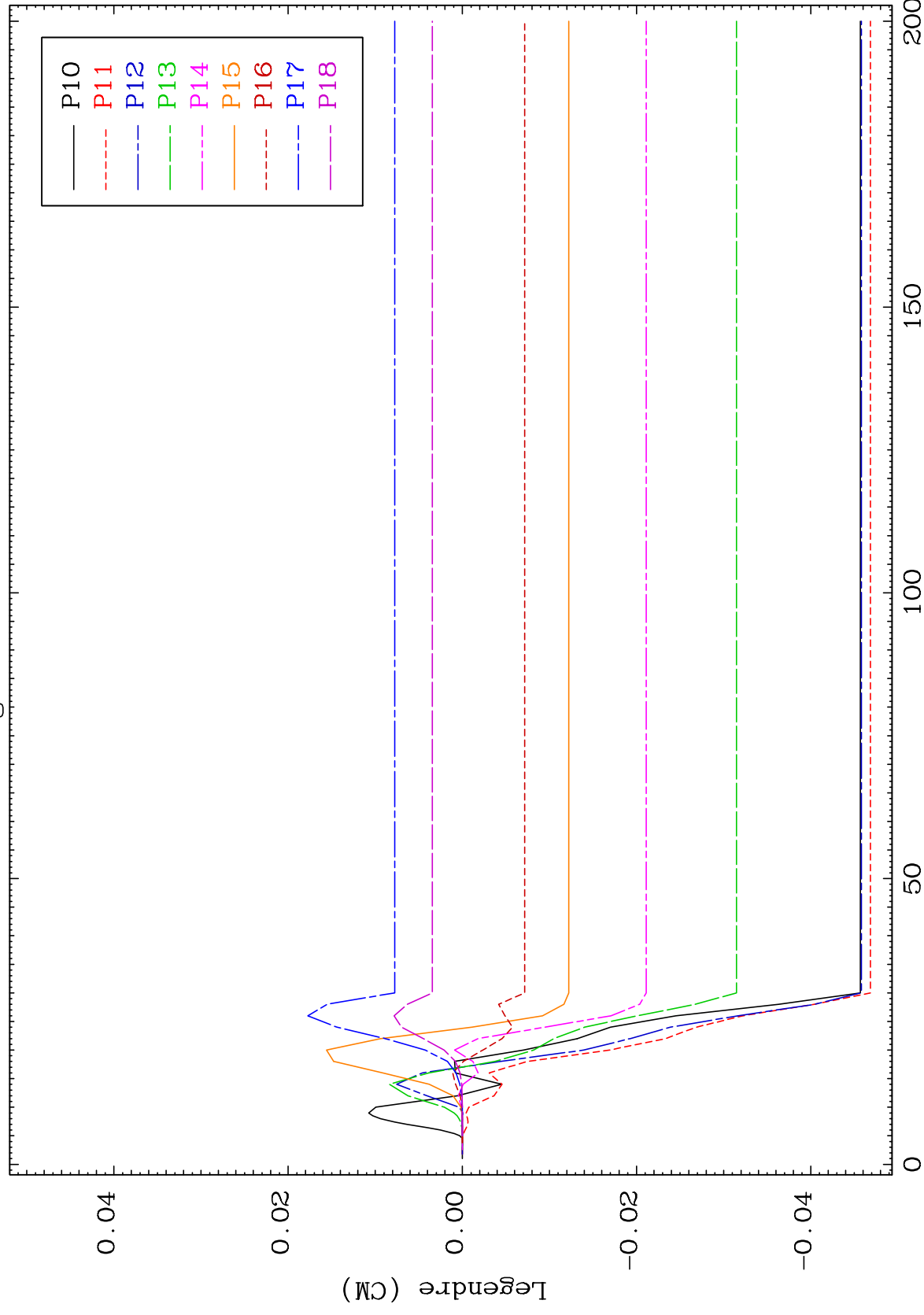




MAT 6152

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

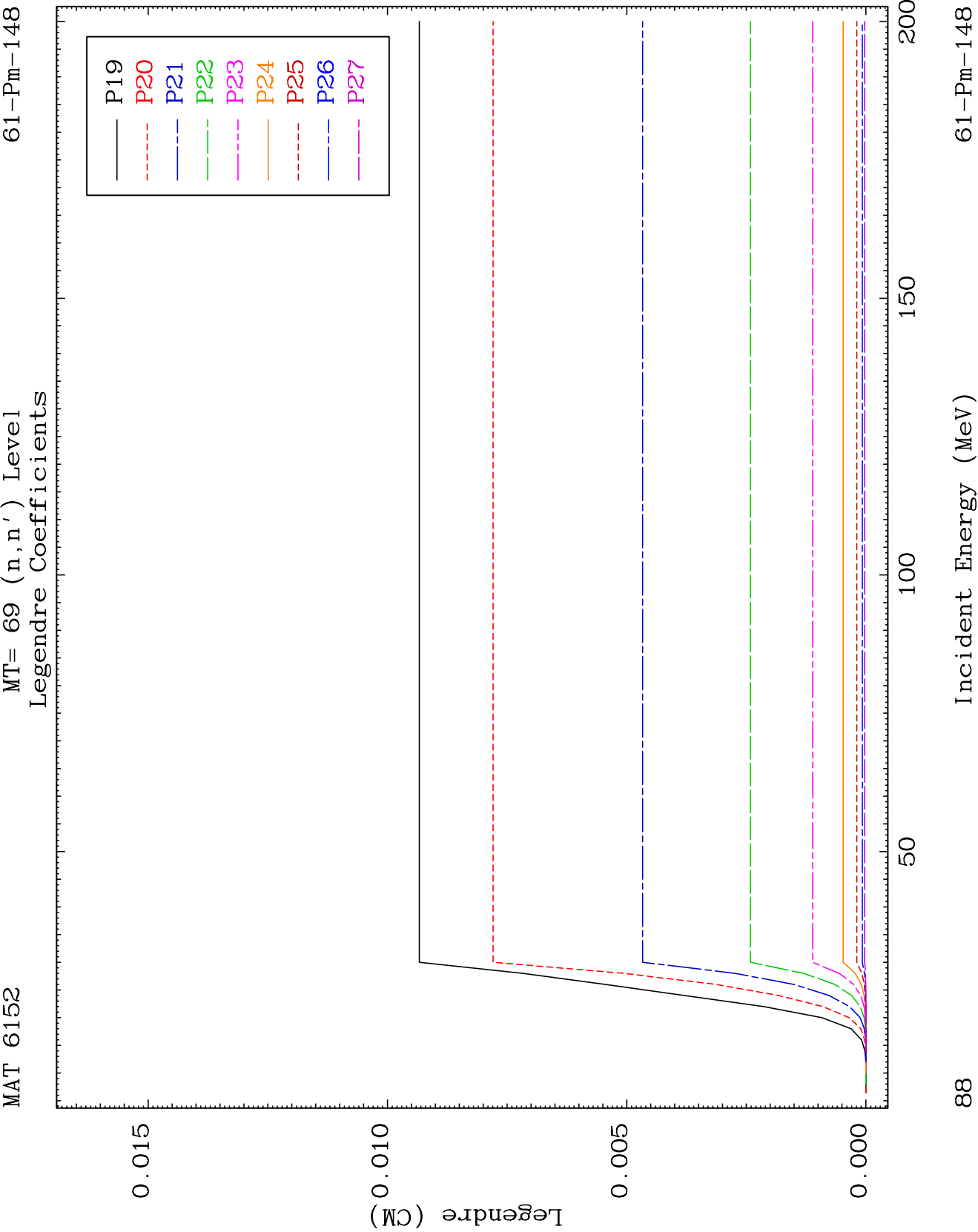
61-Pm-148

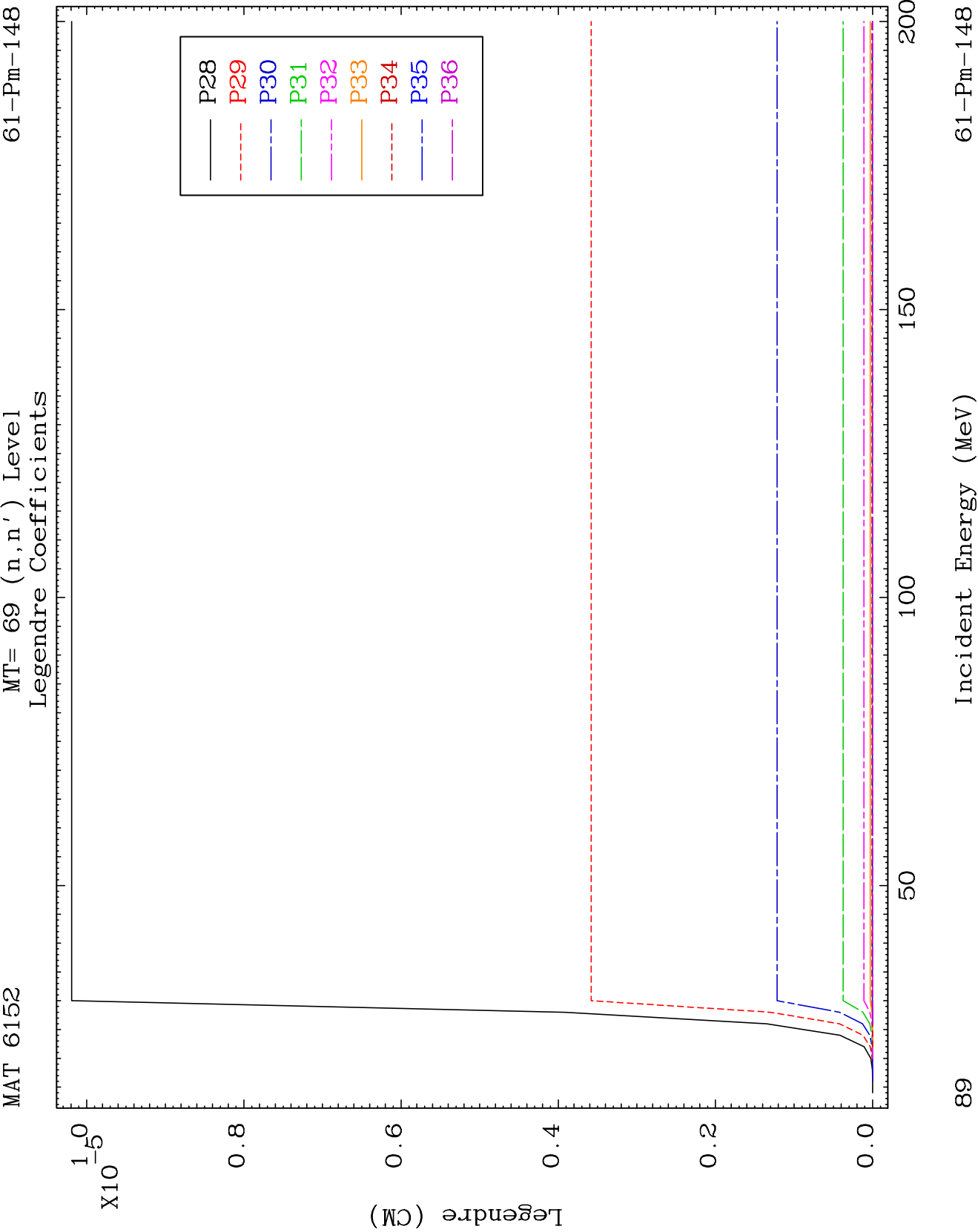


28

Incident Energy (MeV)

61-Pm-148

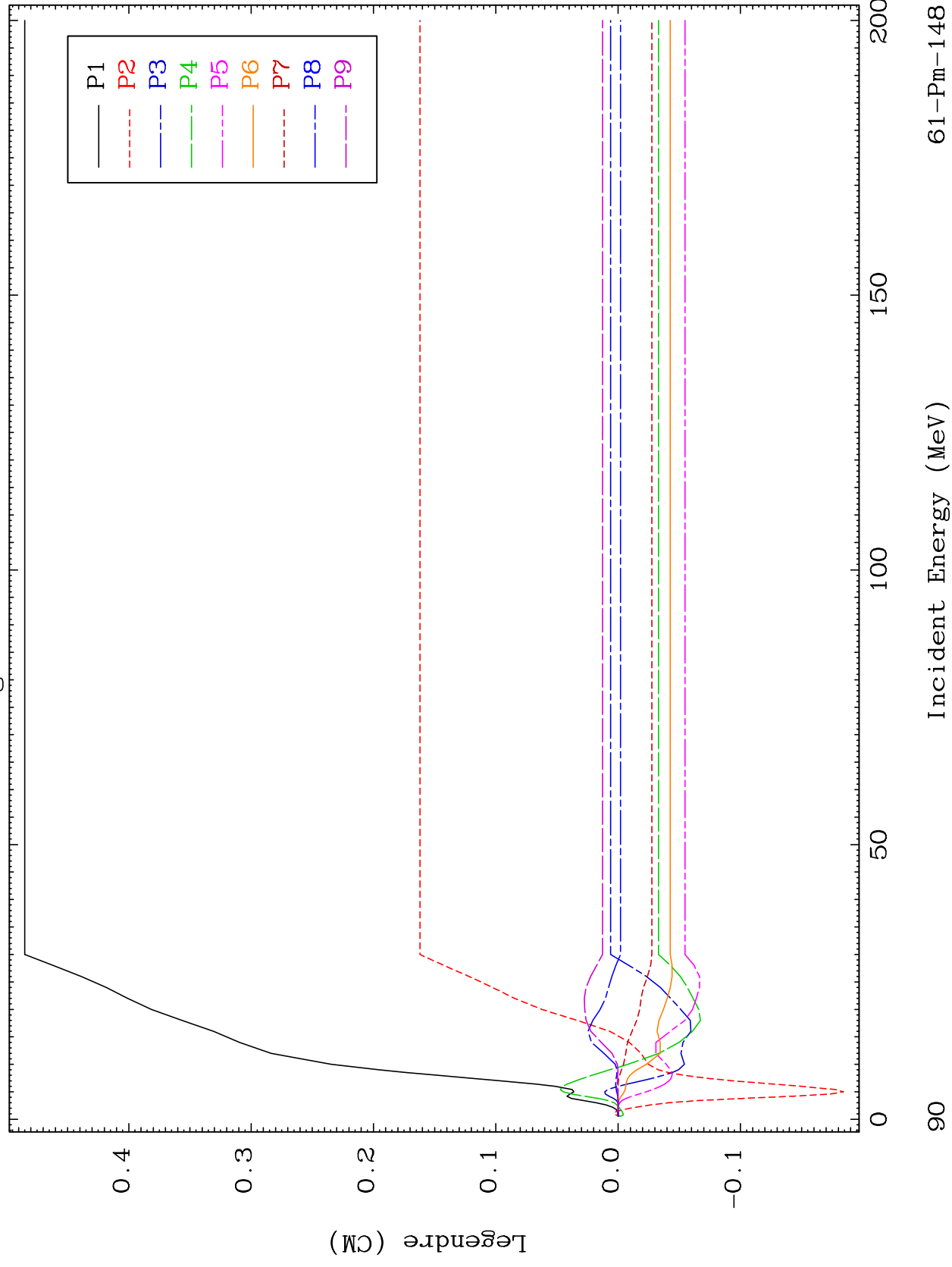




MAT 6152

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

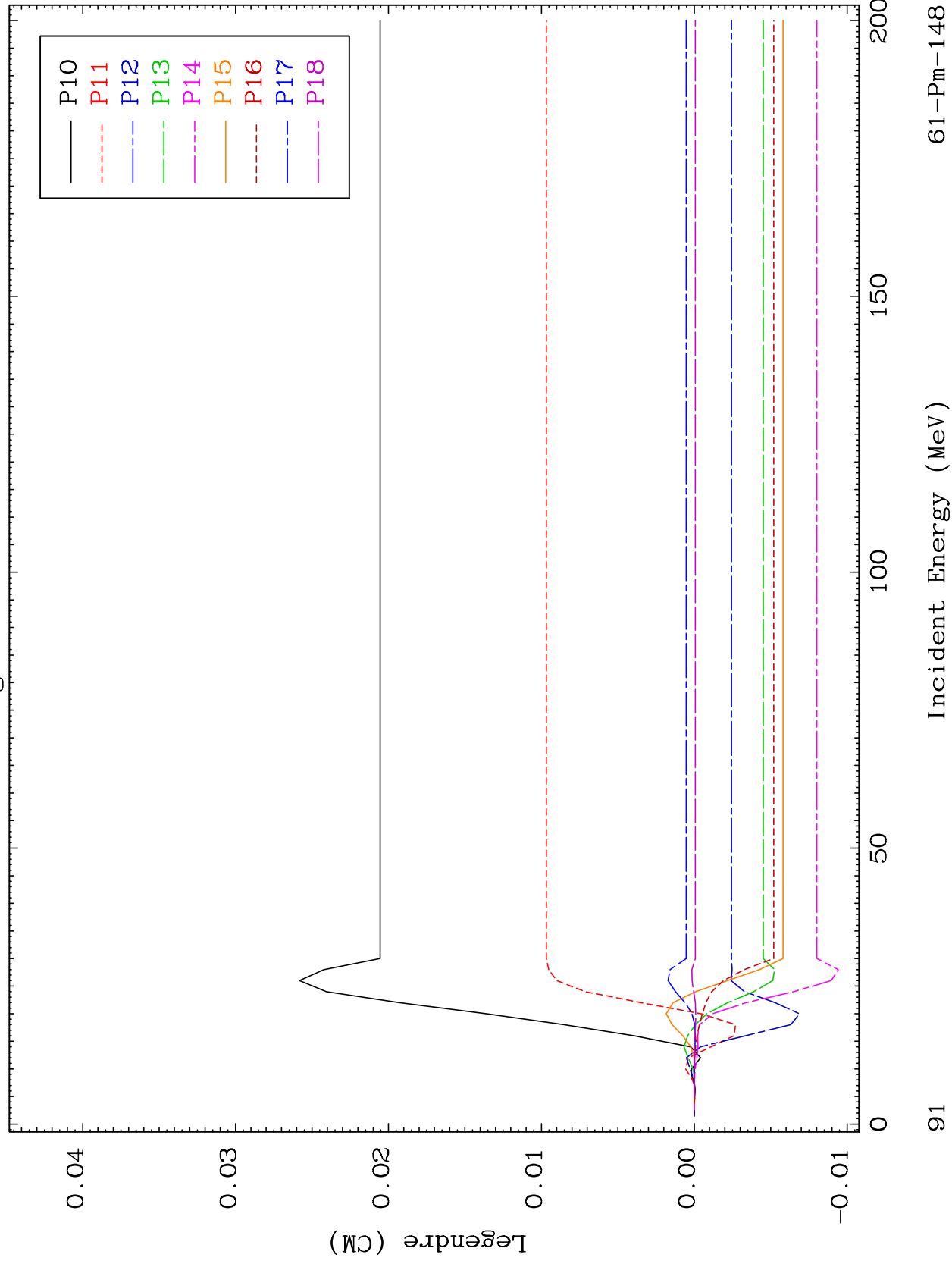
61-Pm-148



MAT 6152

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

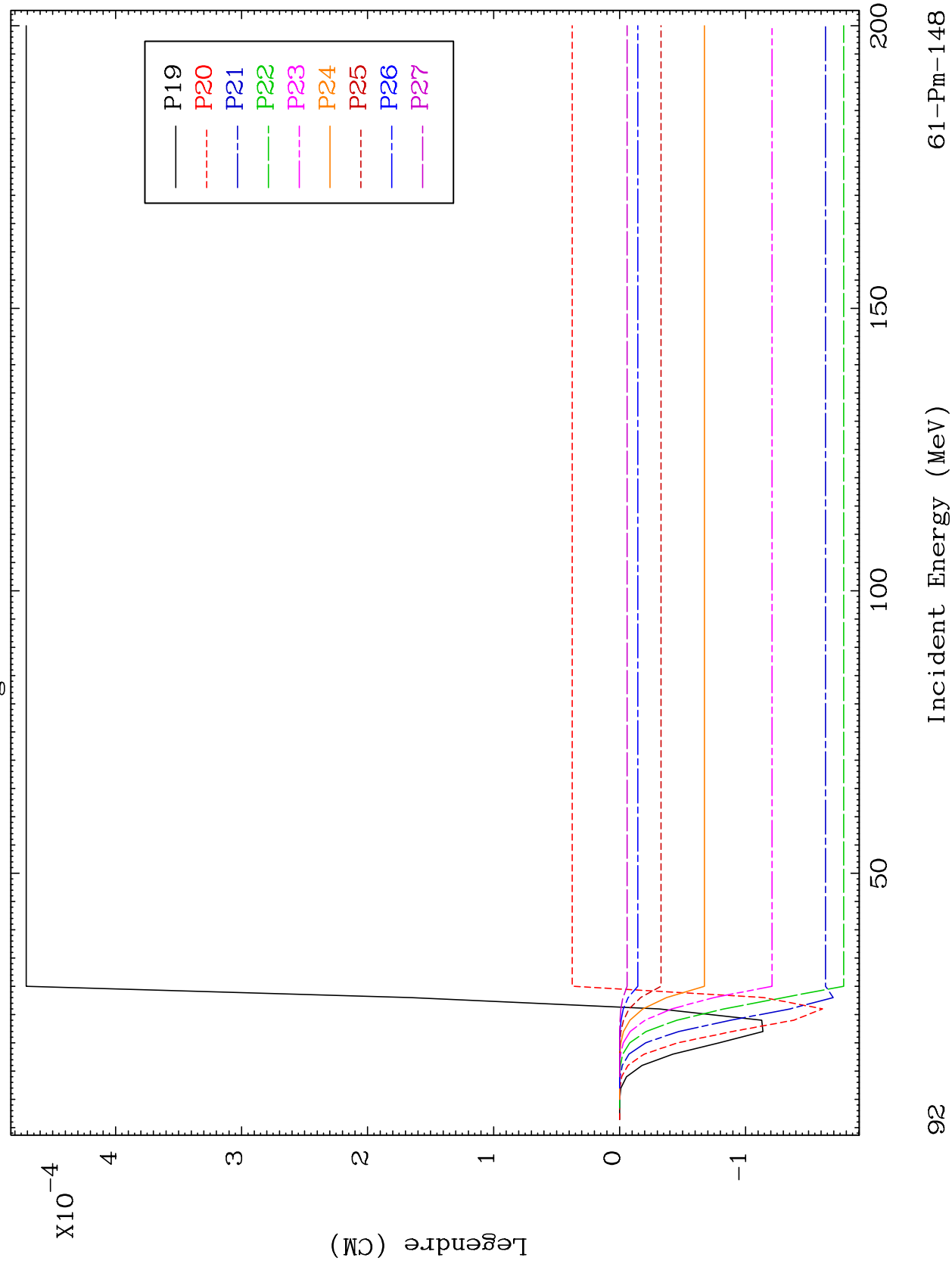
61-Pm-148

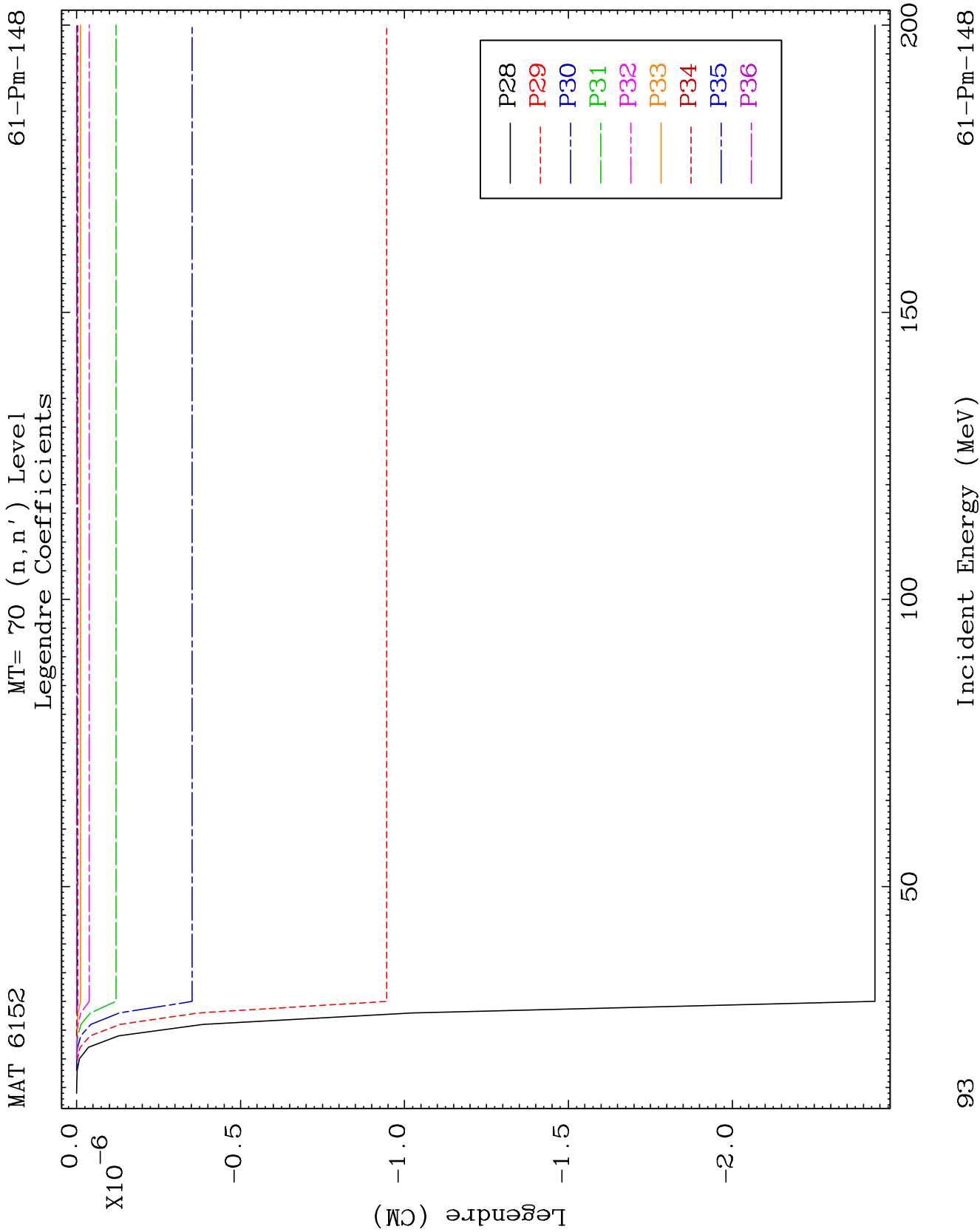


MAT 6152

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

61-Pm-148

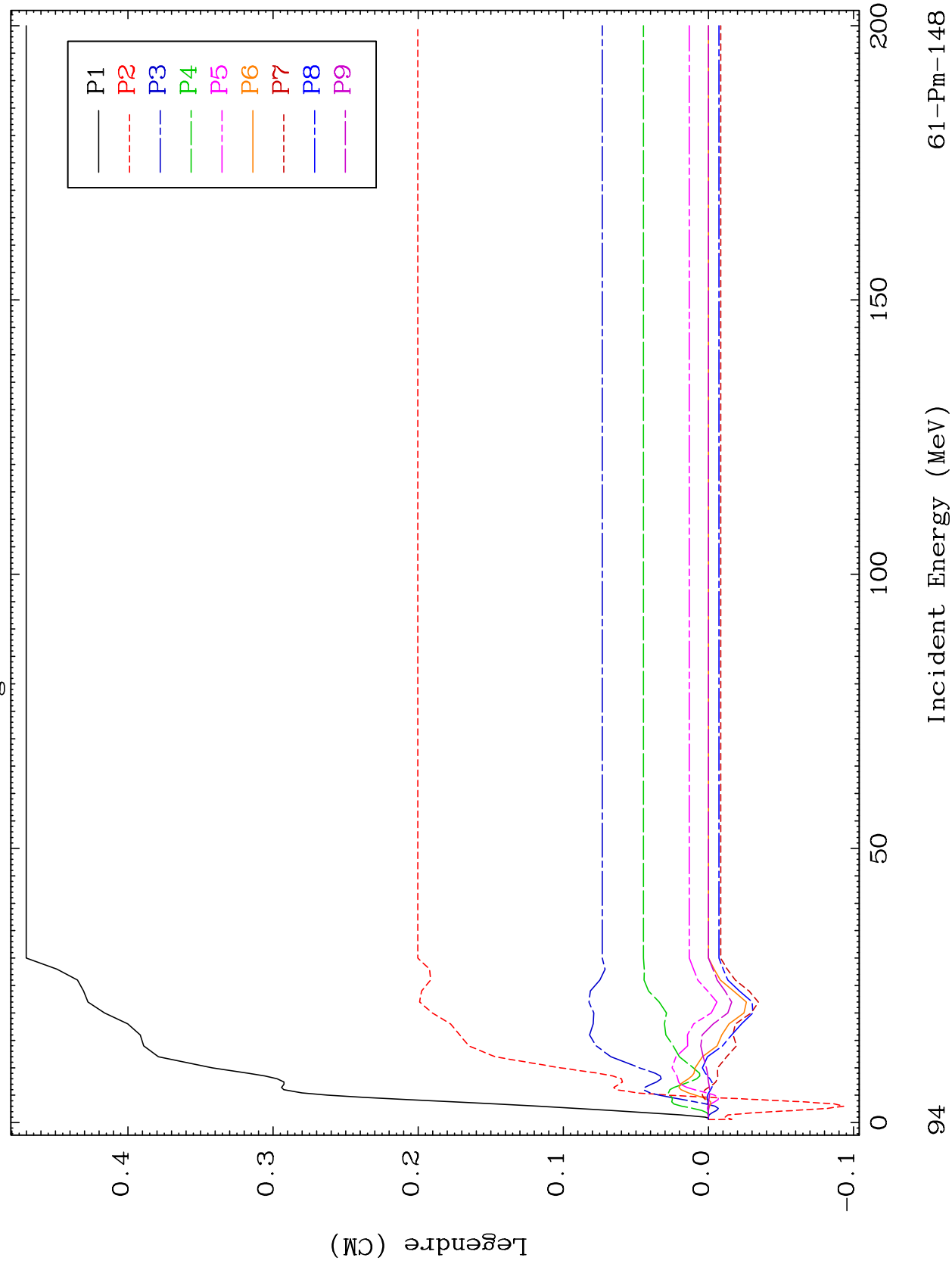




MAT 6152

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

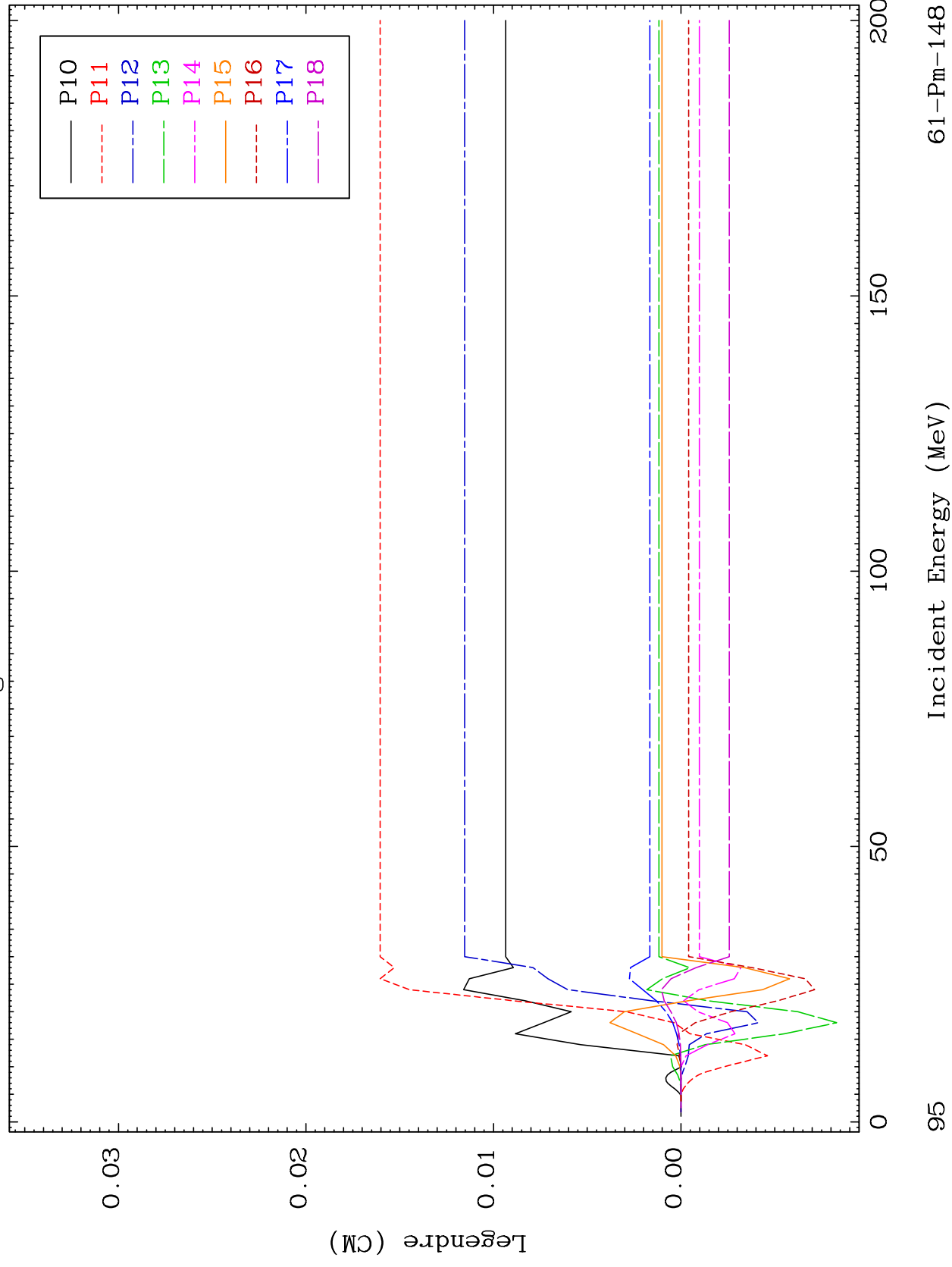
61-Pm-148



MAT 6152

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

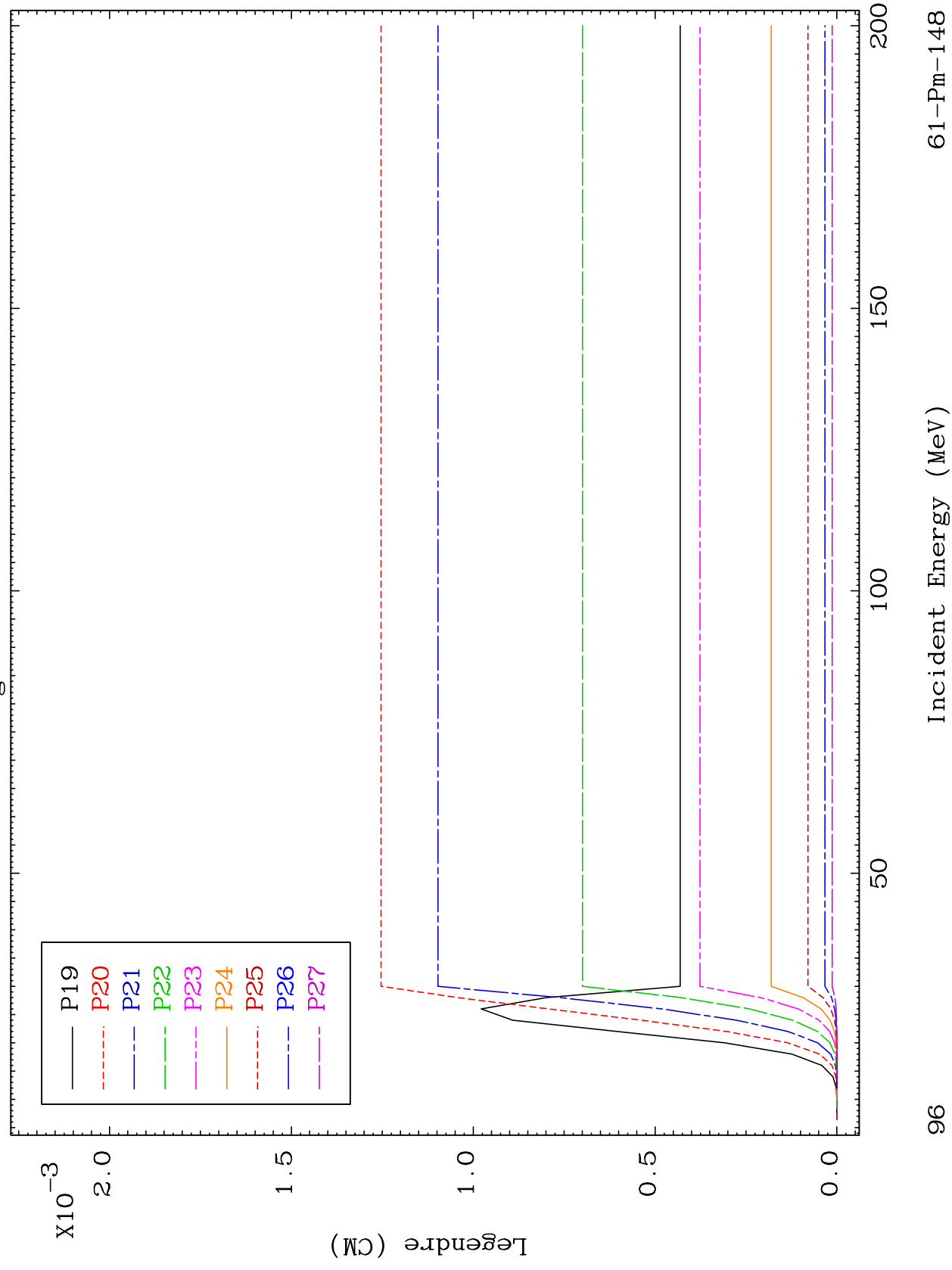
61-Pm-148

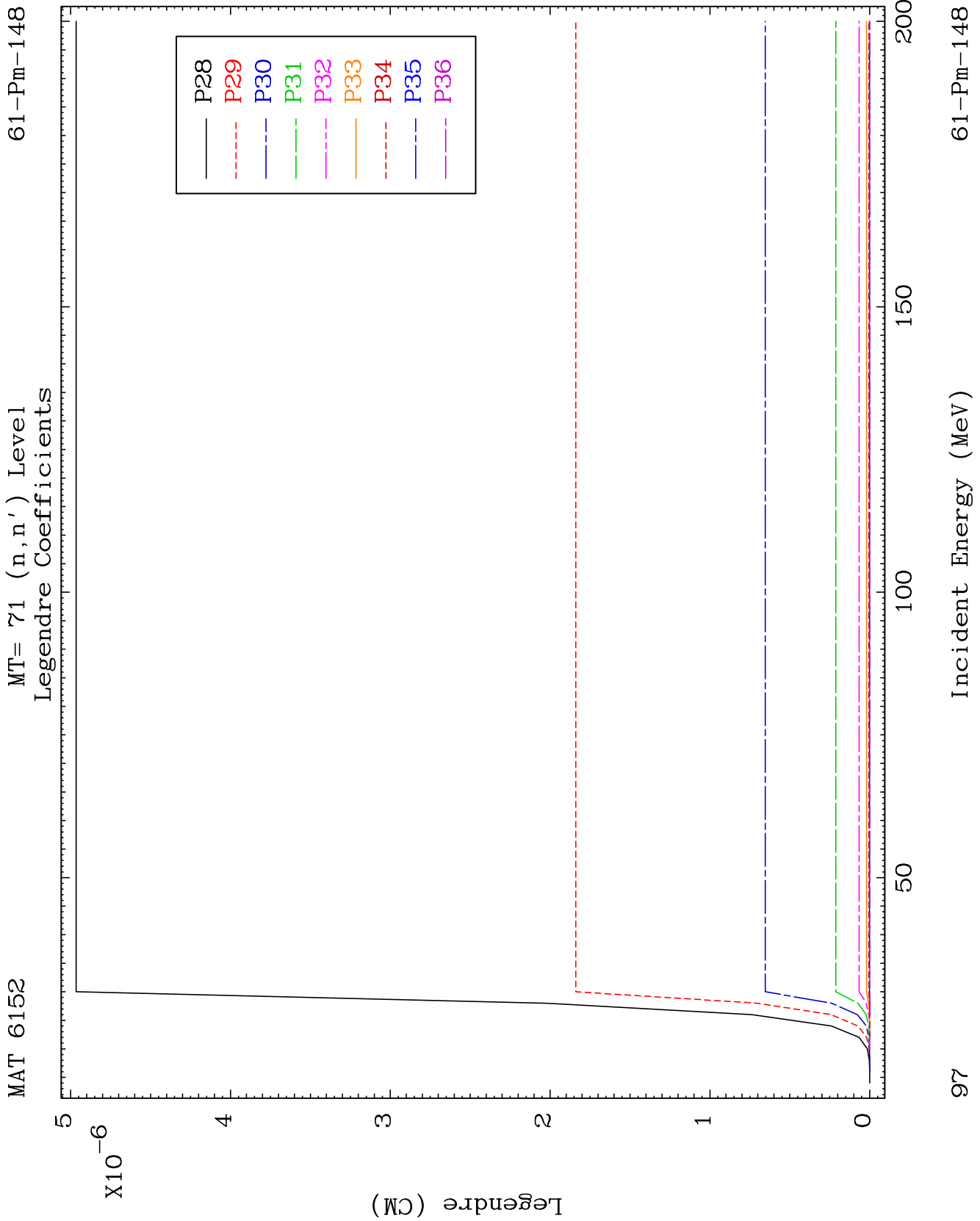


MAT 6152

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

61-Pm-148

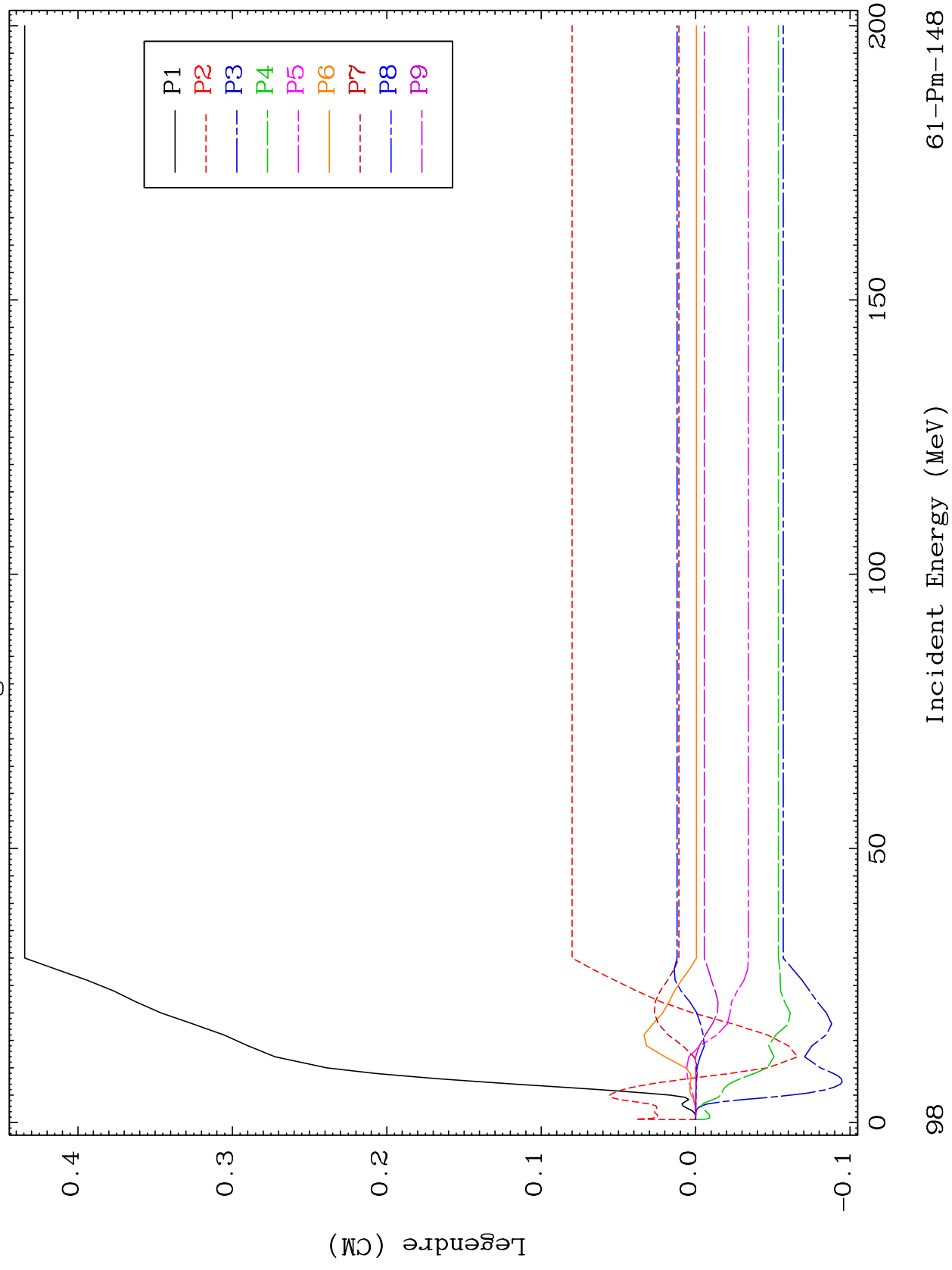




MAT 6152

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

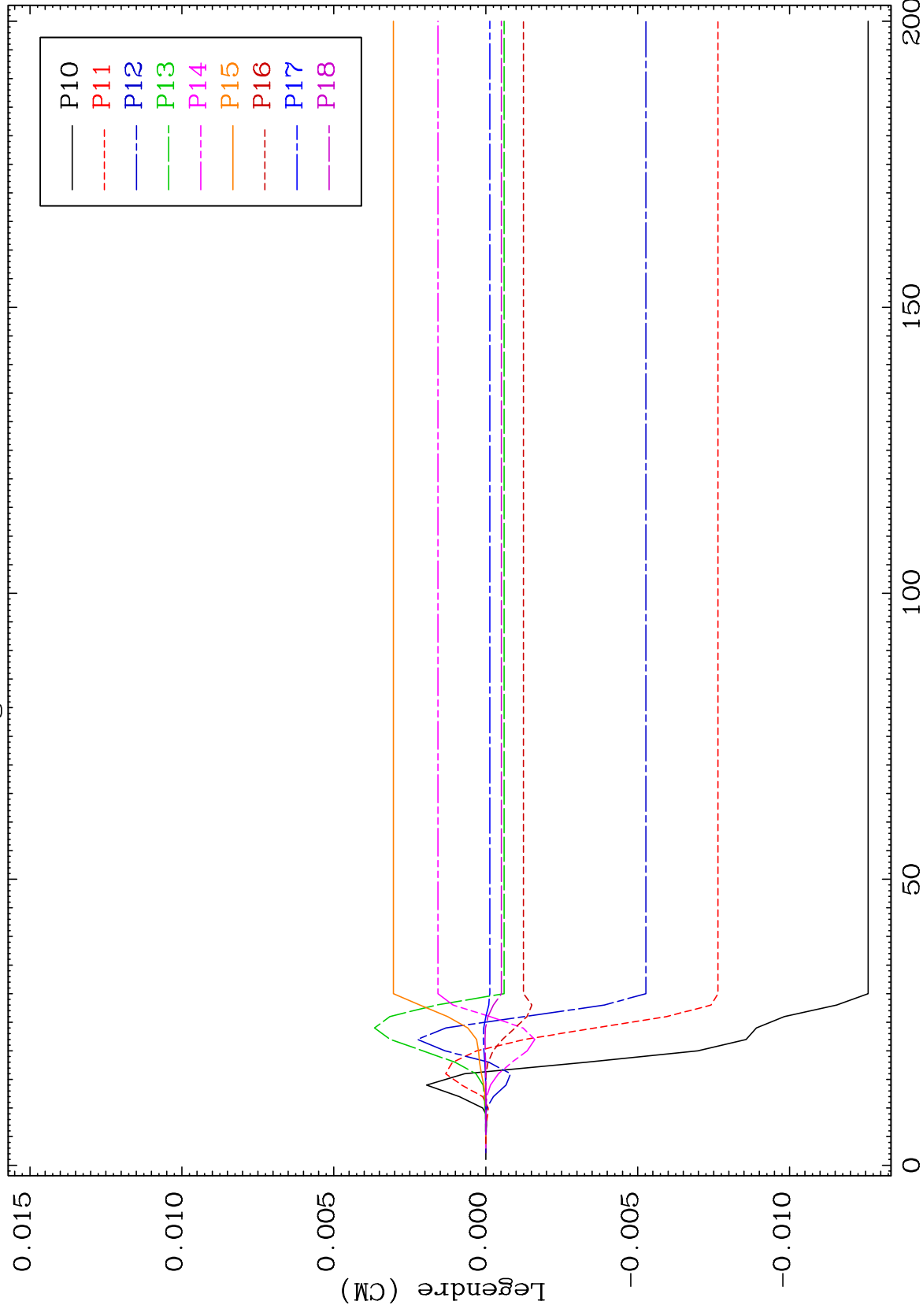
61-Pm-148



MAT 6152

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

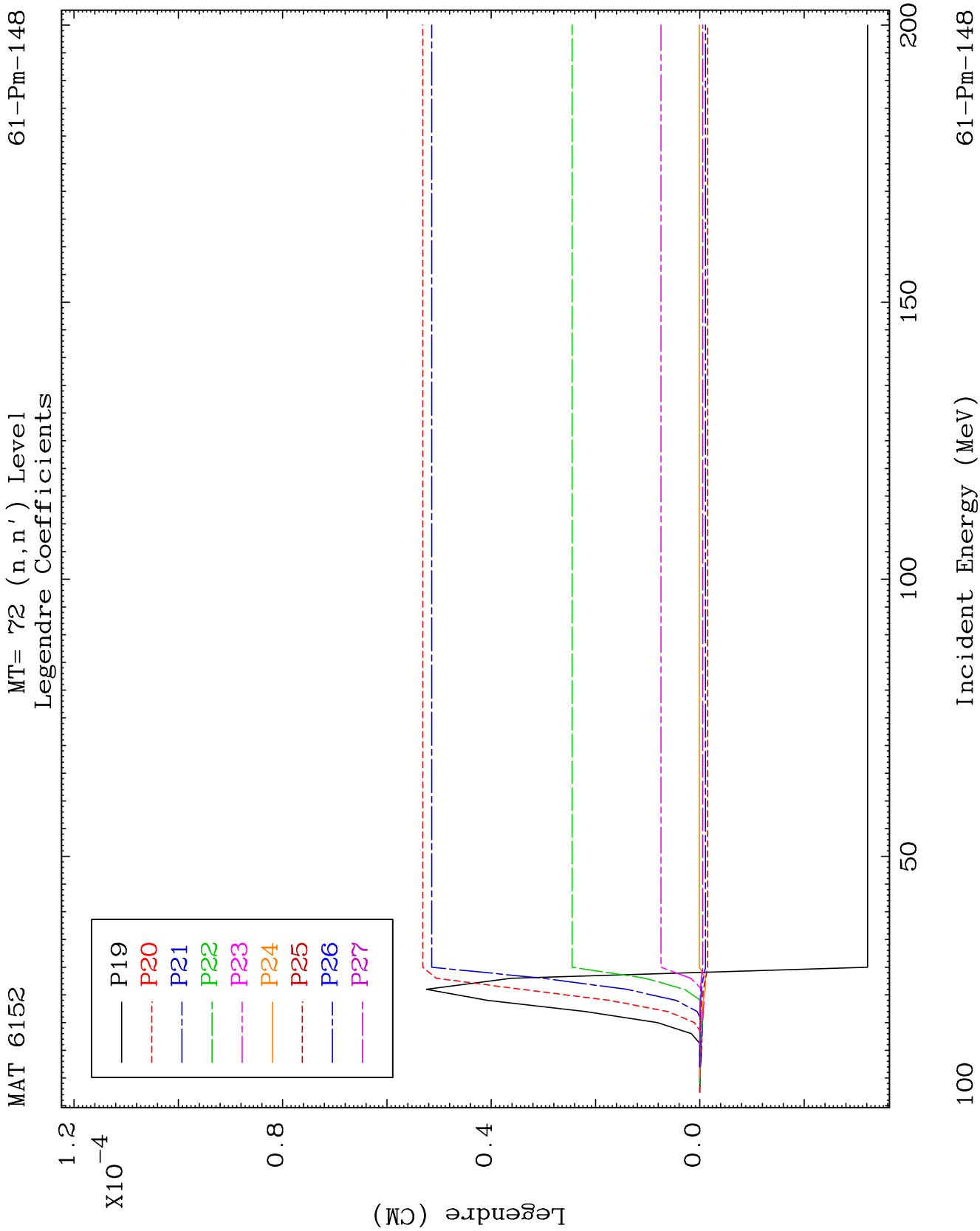
61-Pm-148

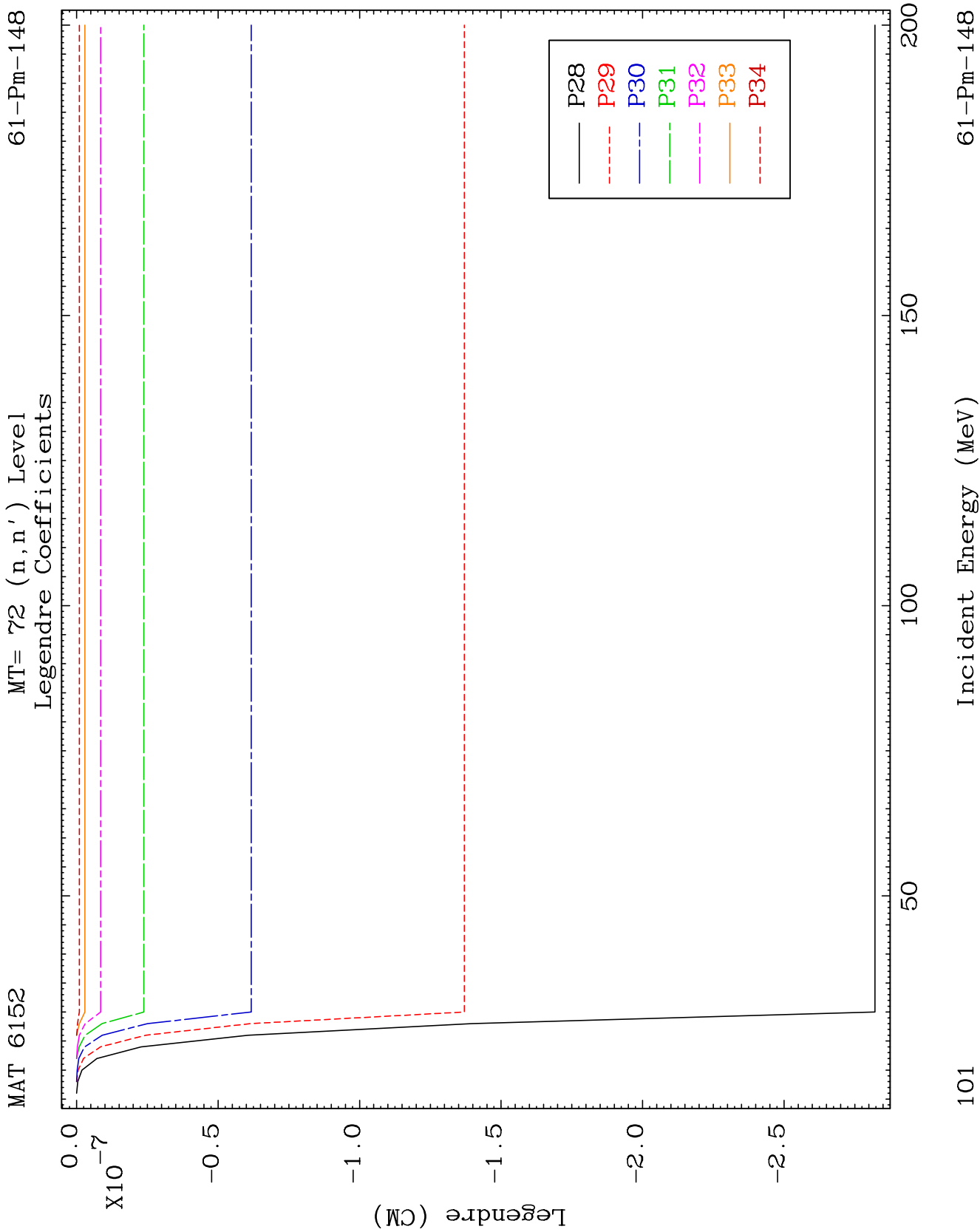


99

Incident Energy (MeV)

61-Pm-148

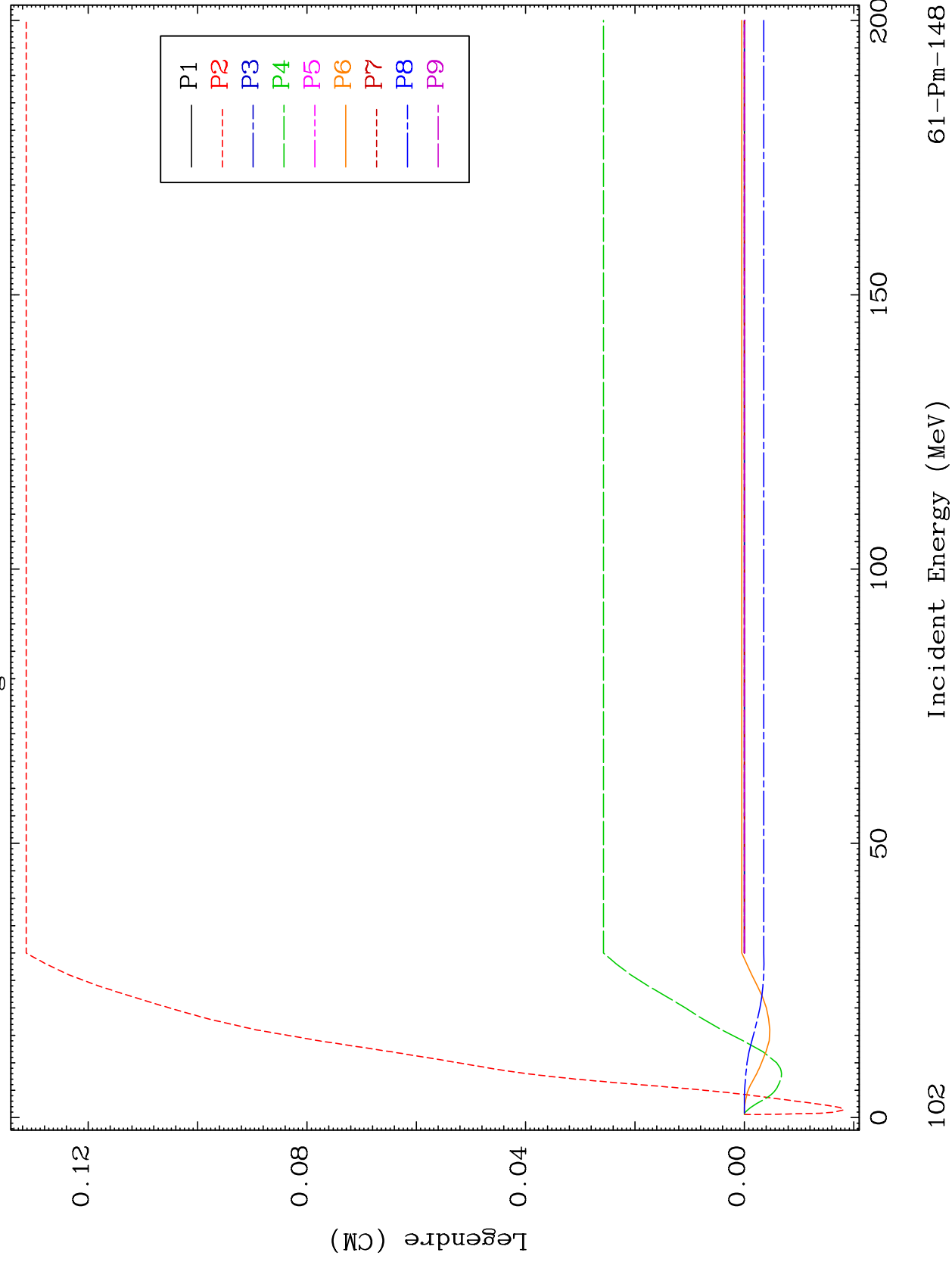




MAT 6152

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

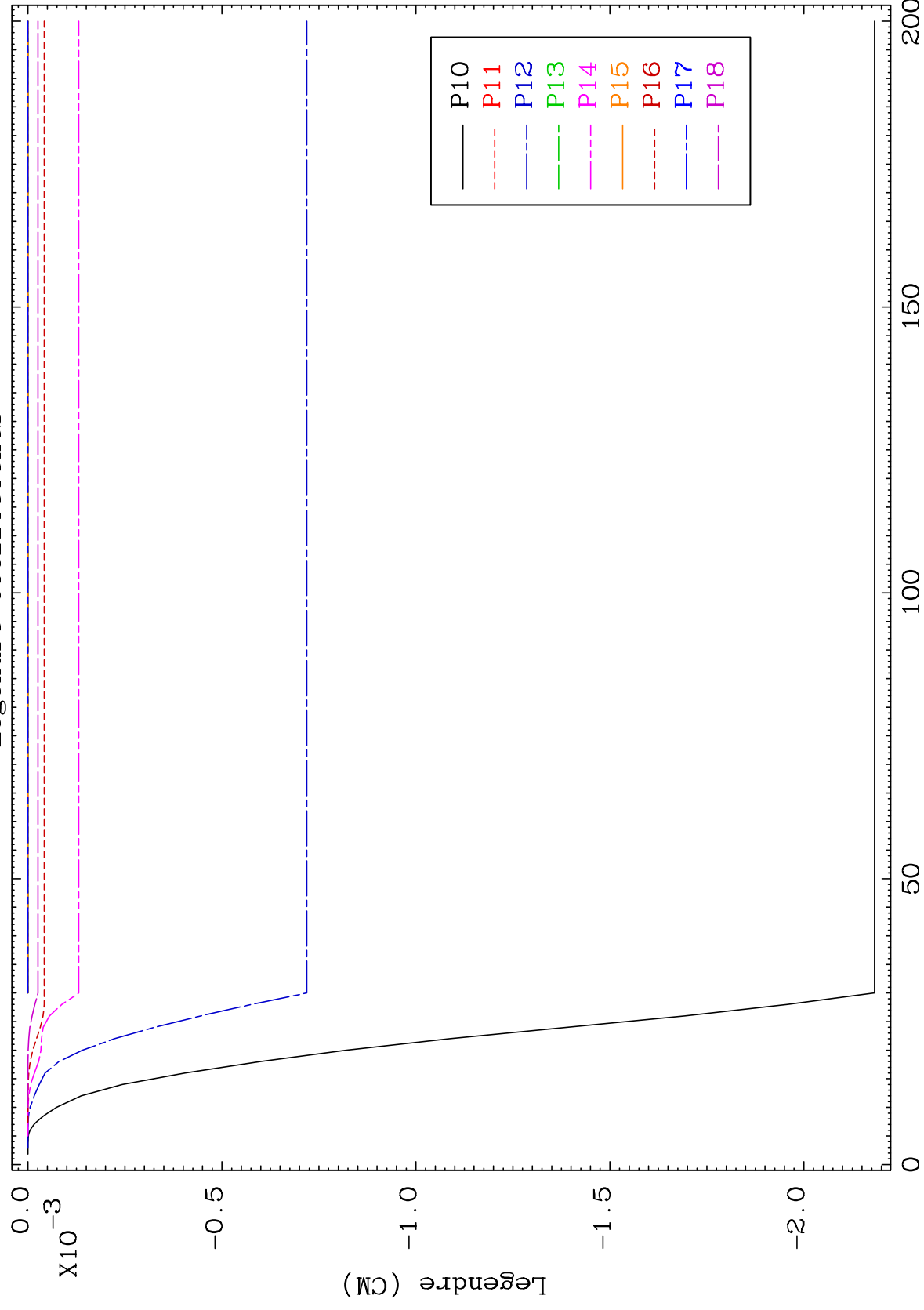
61-Pm-148



MAT 6152

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

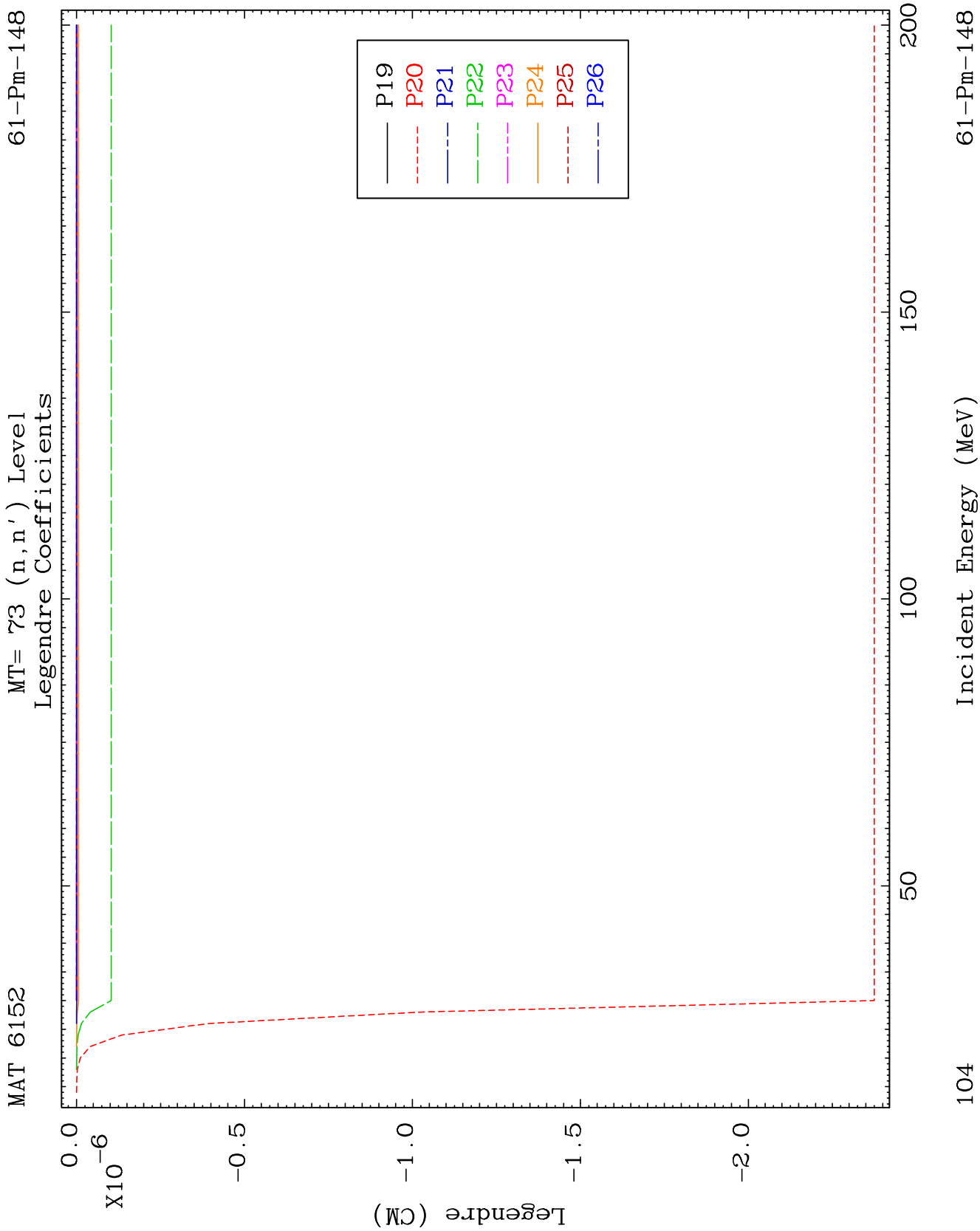
61-Pm-148



103

Incident Energy (MeV)

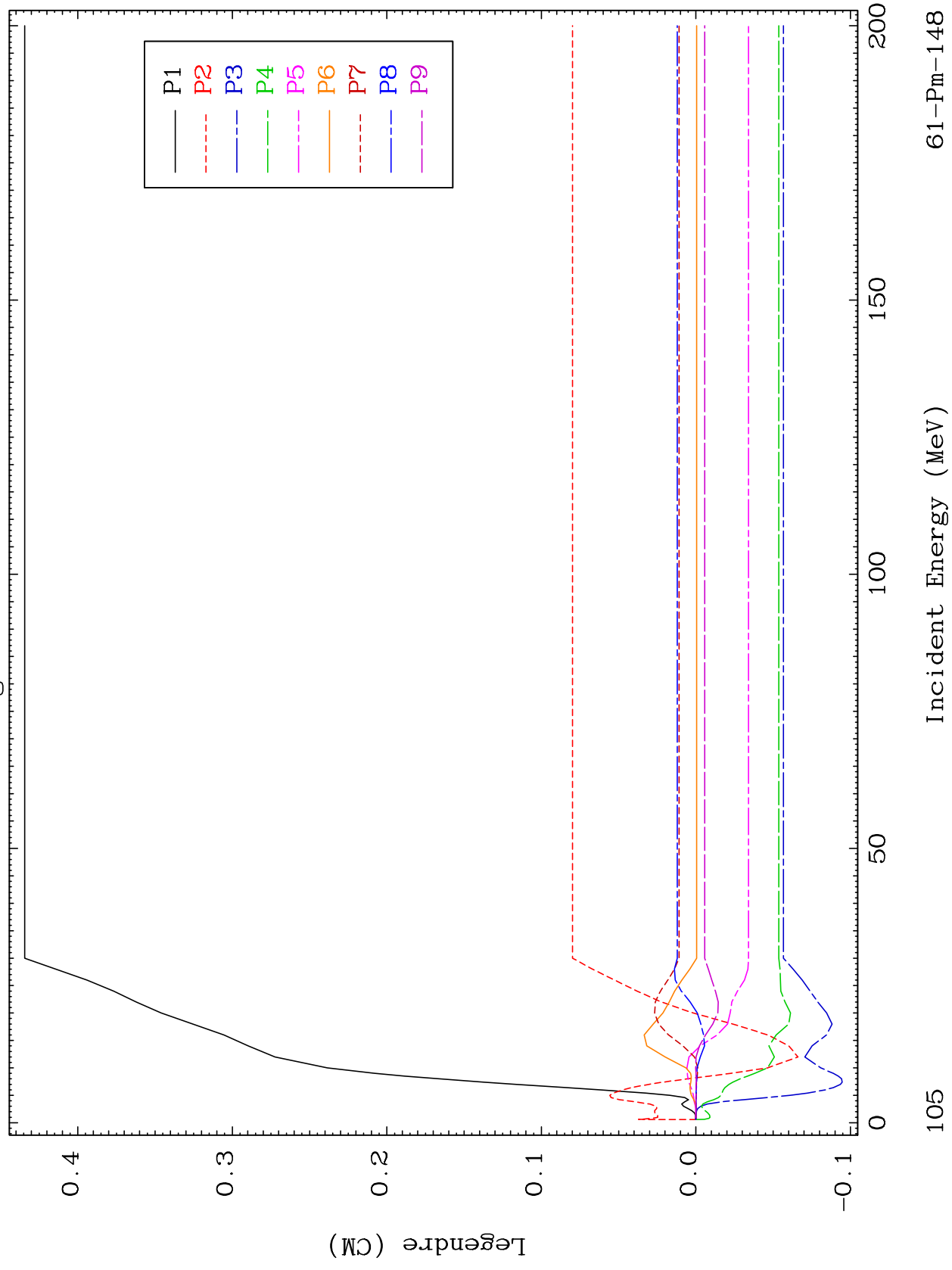
61-Pm-148



MAT 6152

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

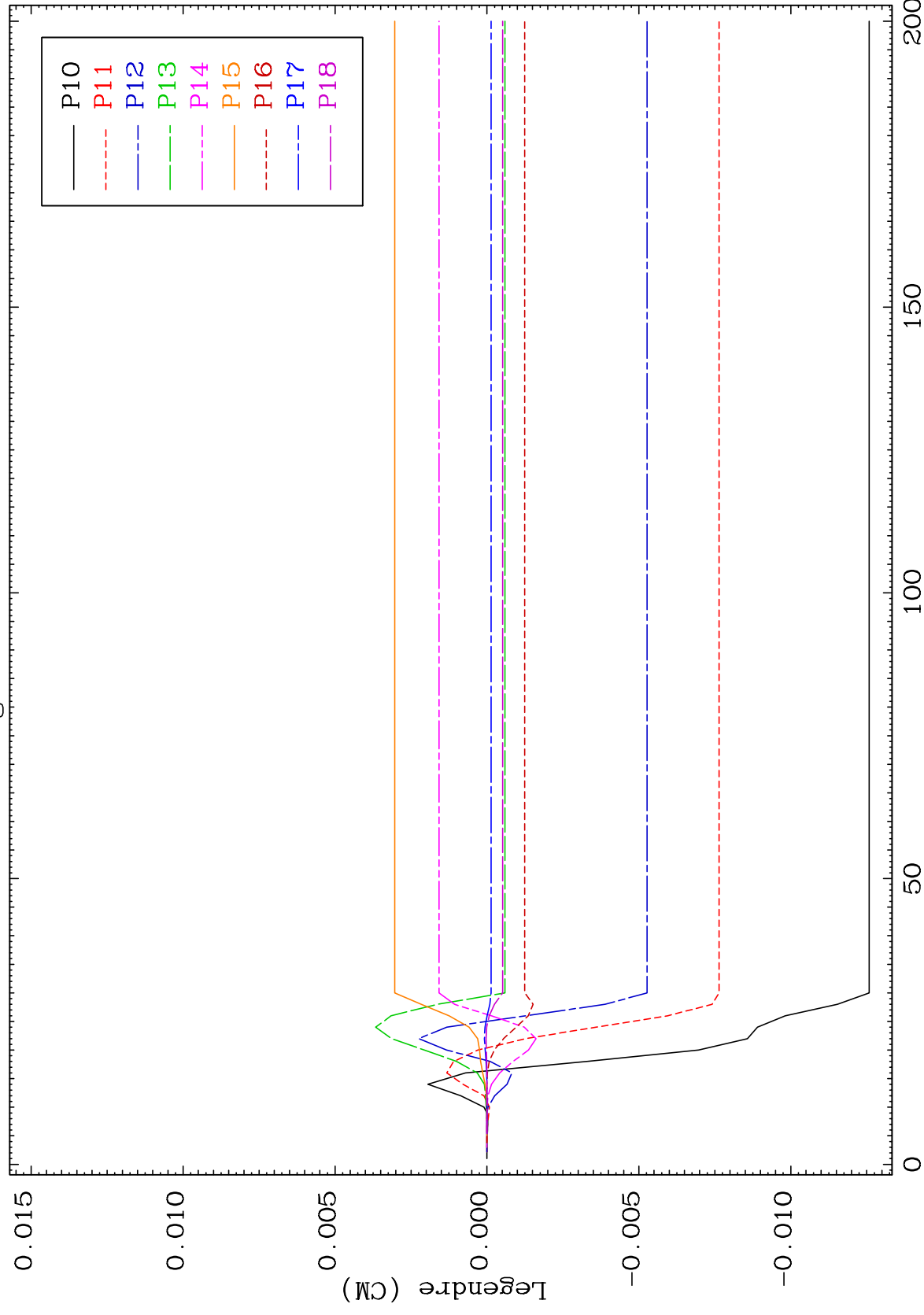
61-Pm-148



MAT 6152

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

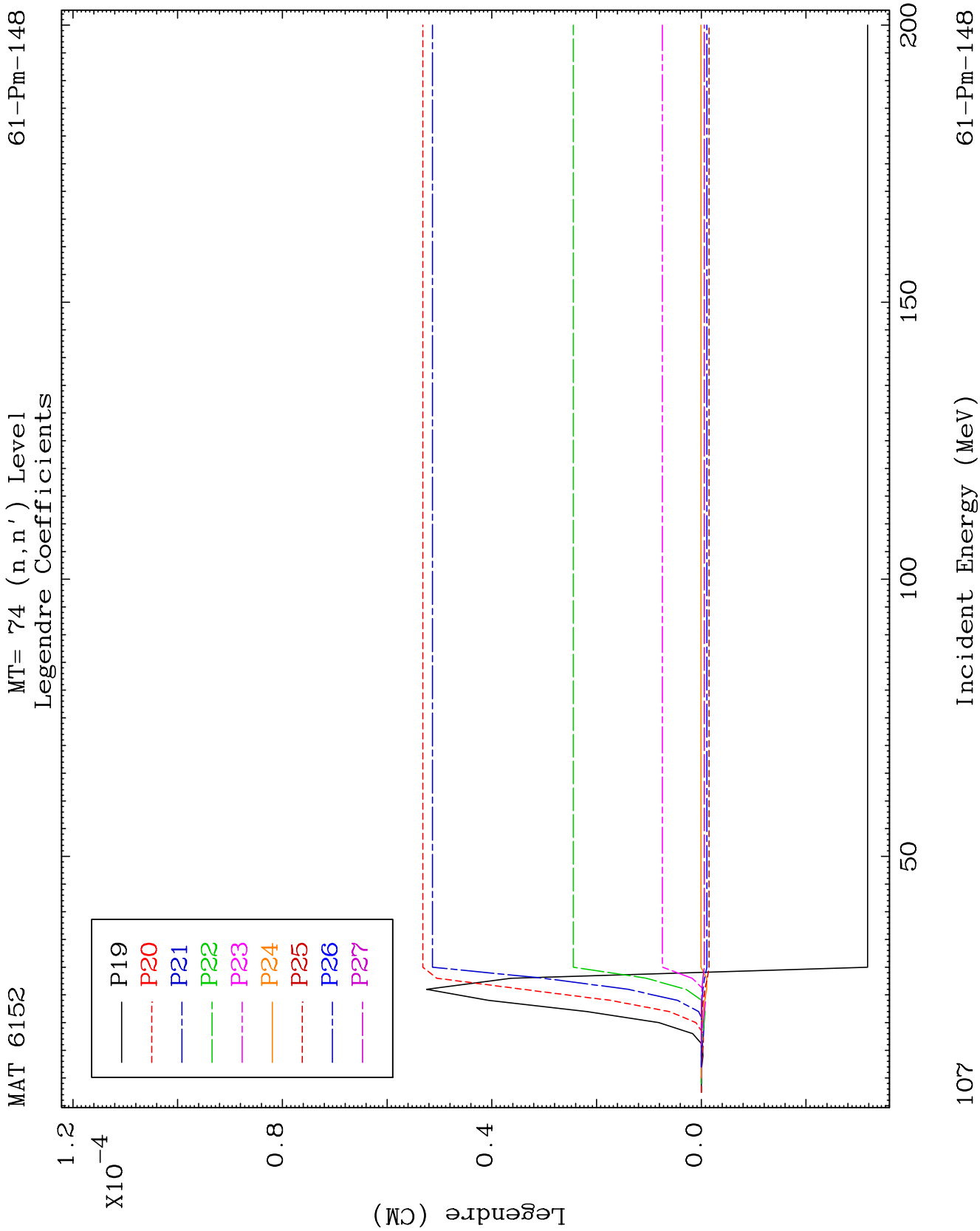
61-Pm-148



106

Incident Energy (MeV)

61-Pm-148

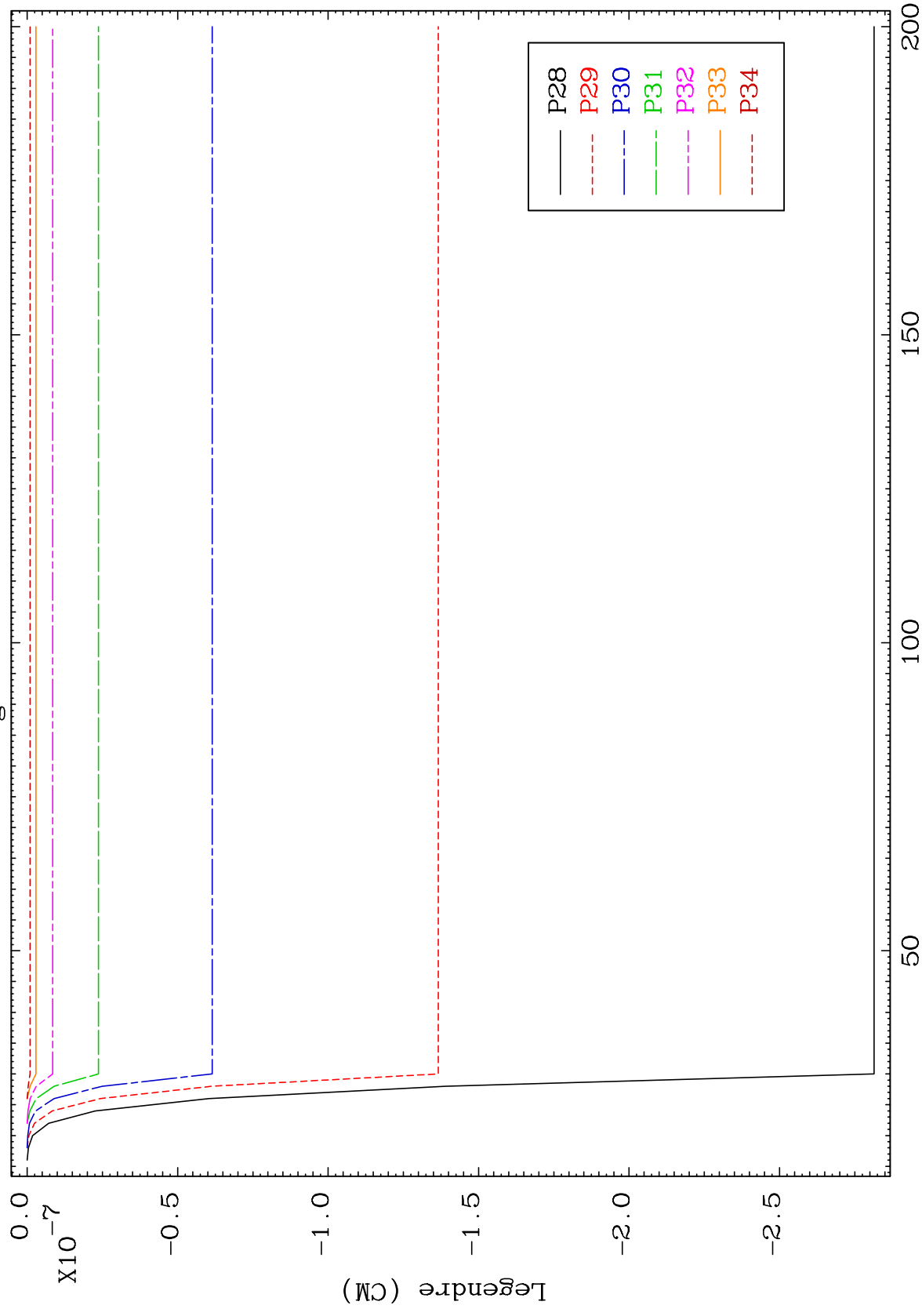


MAT 6152

MT=74 (n,n') Level

61-Pm-148

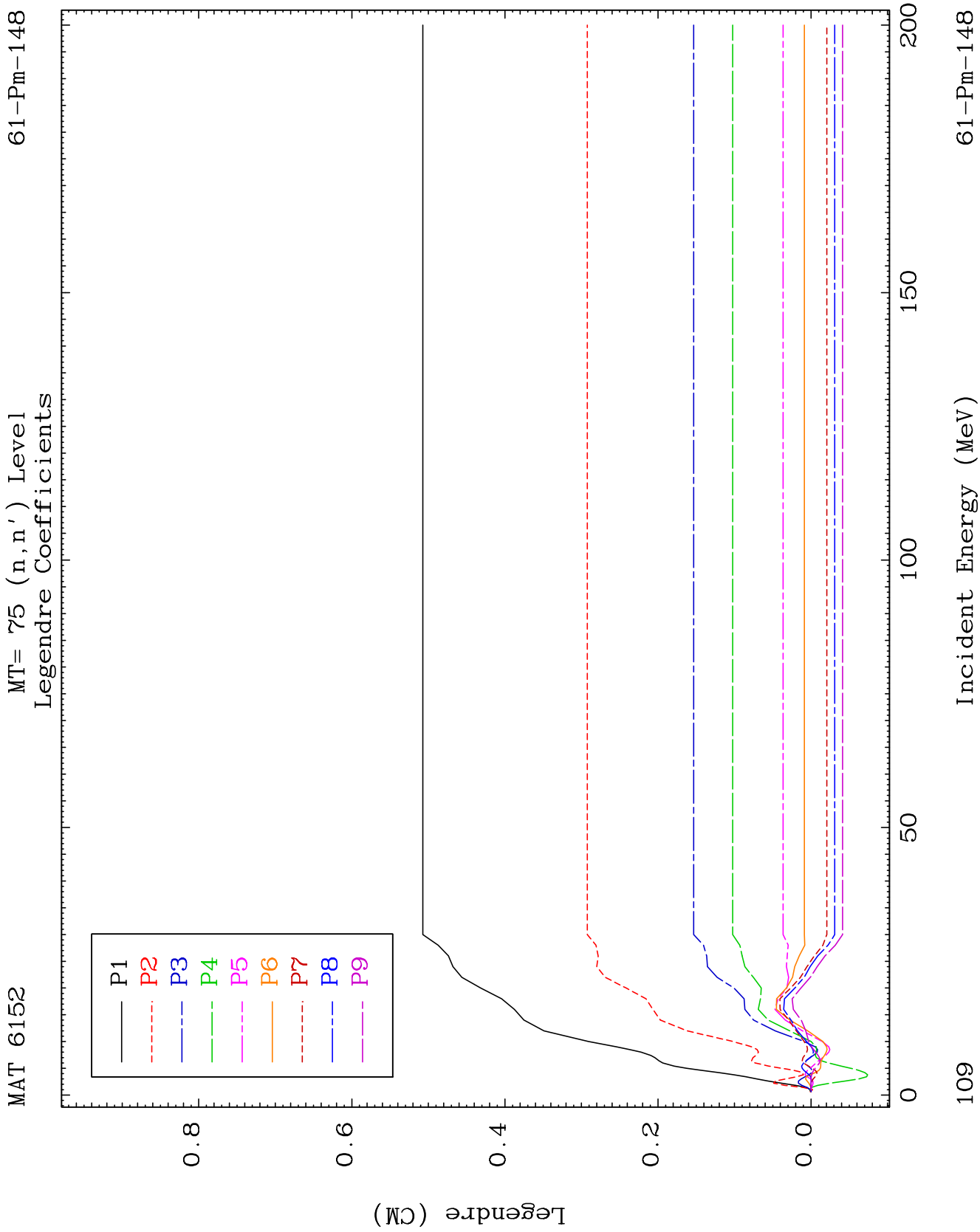
Legendre Coefficients



108

Incident Energy (MeV)

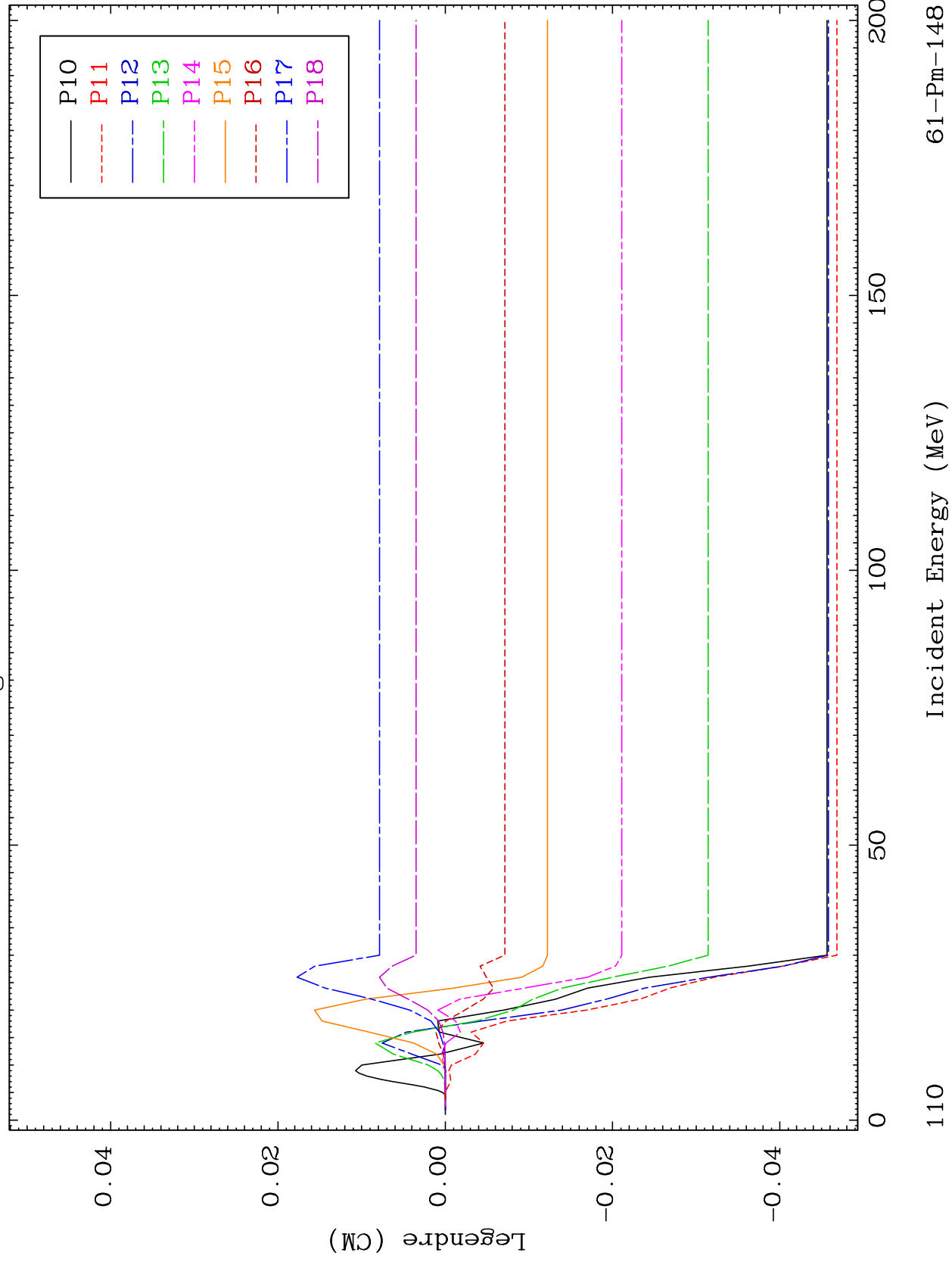
61-Pm-148



MAT 6152

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

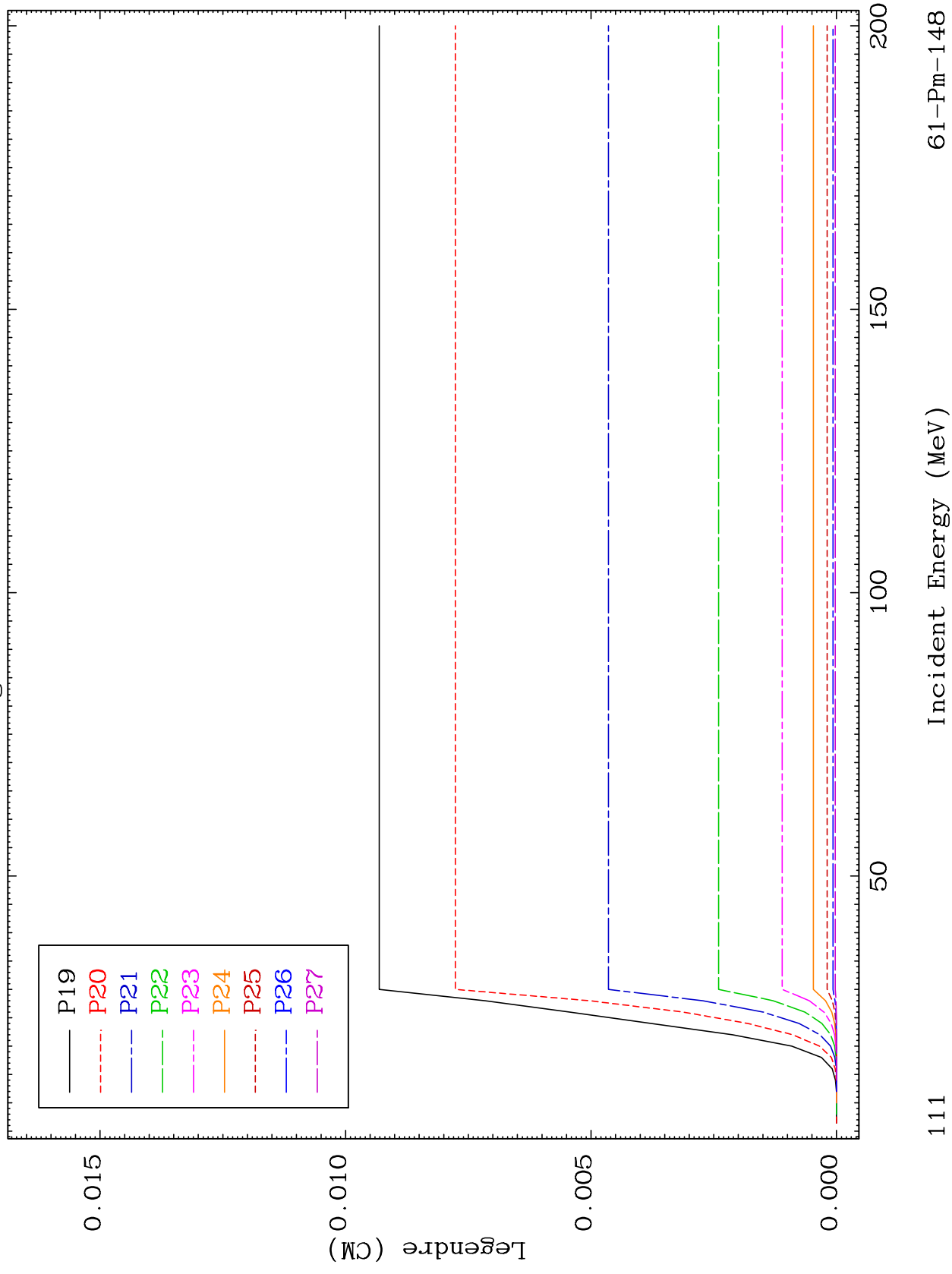
61-Pm-148

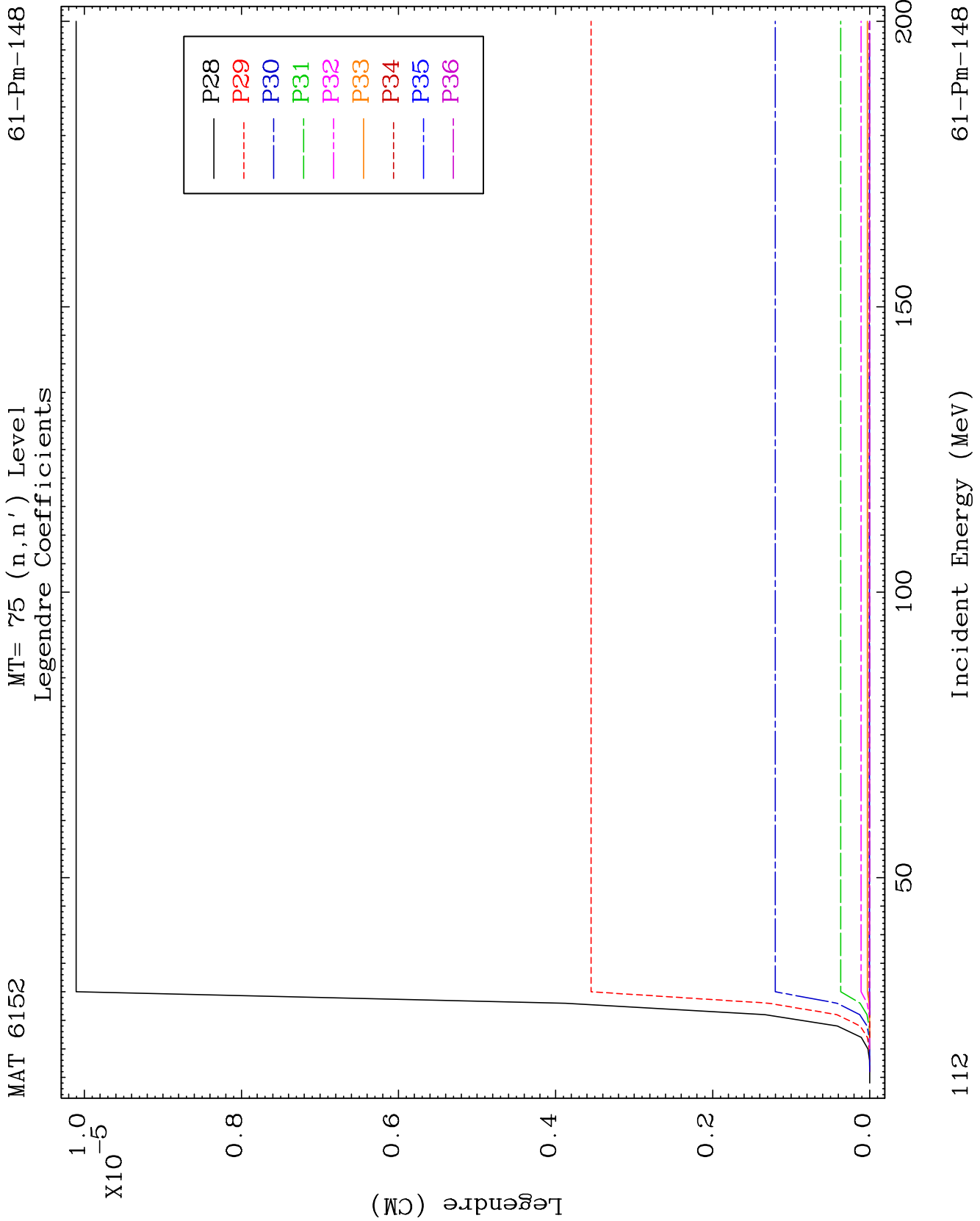


MAT 6152

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

61-Pm-148

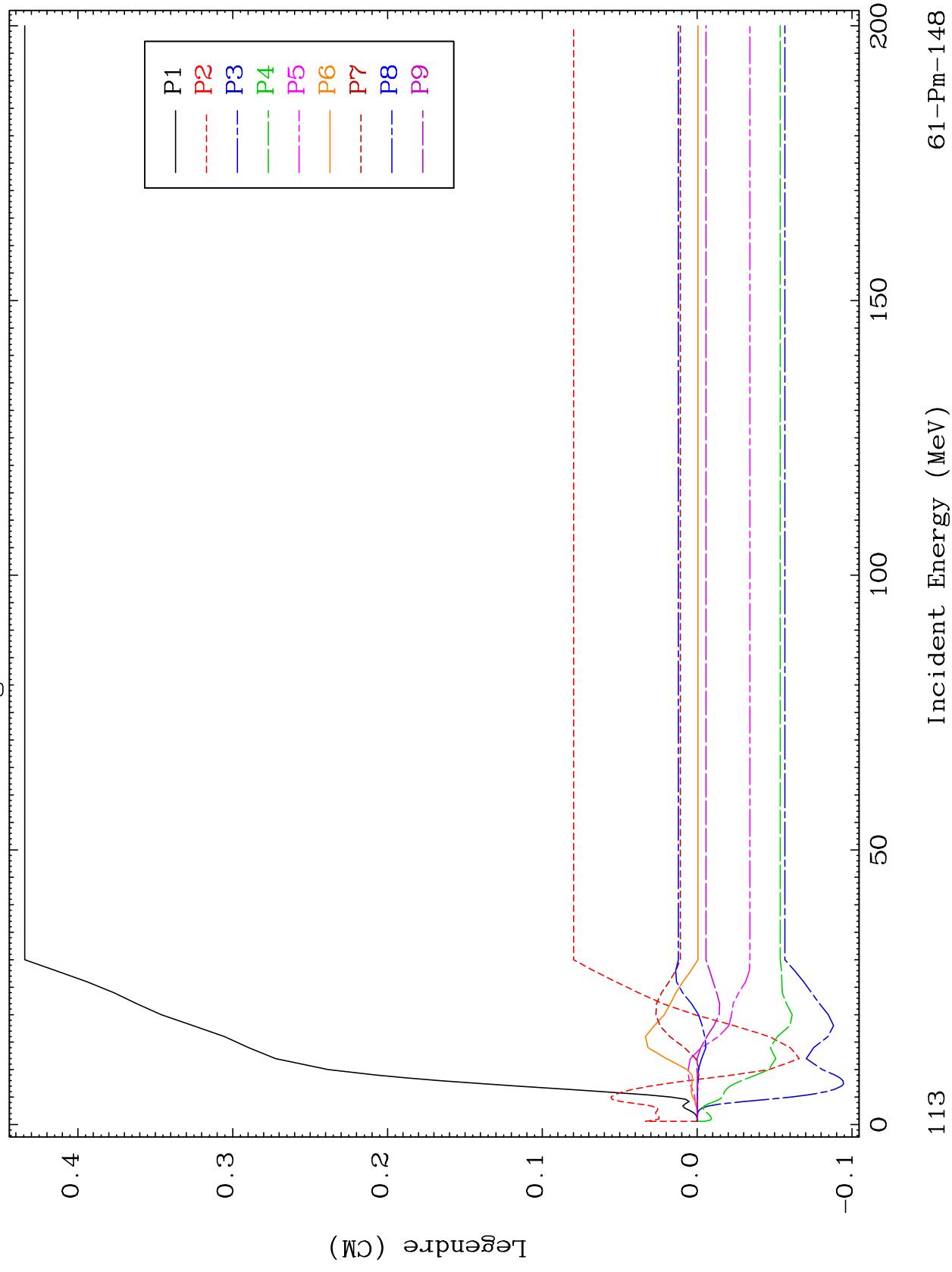




MAT 6152

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

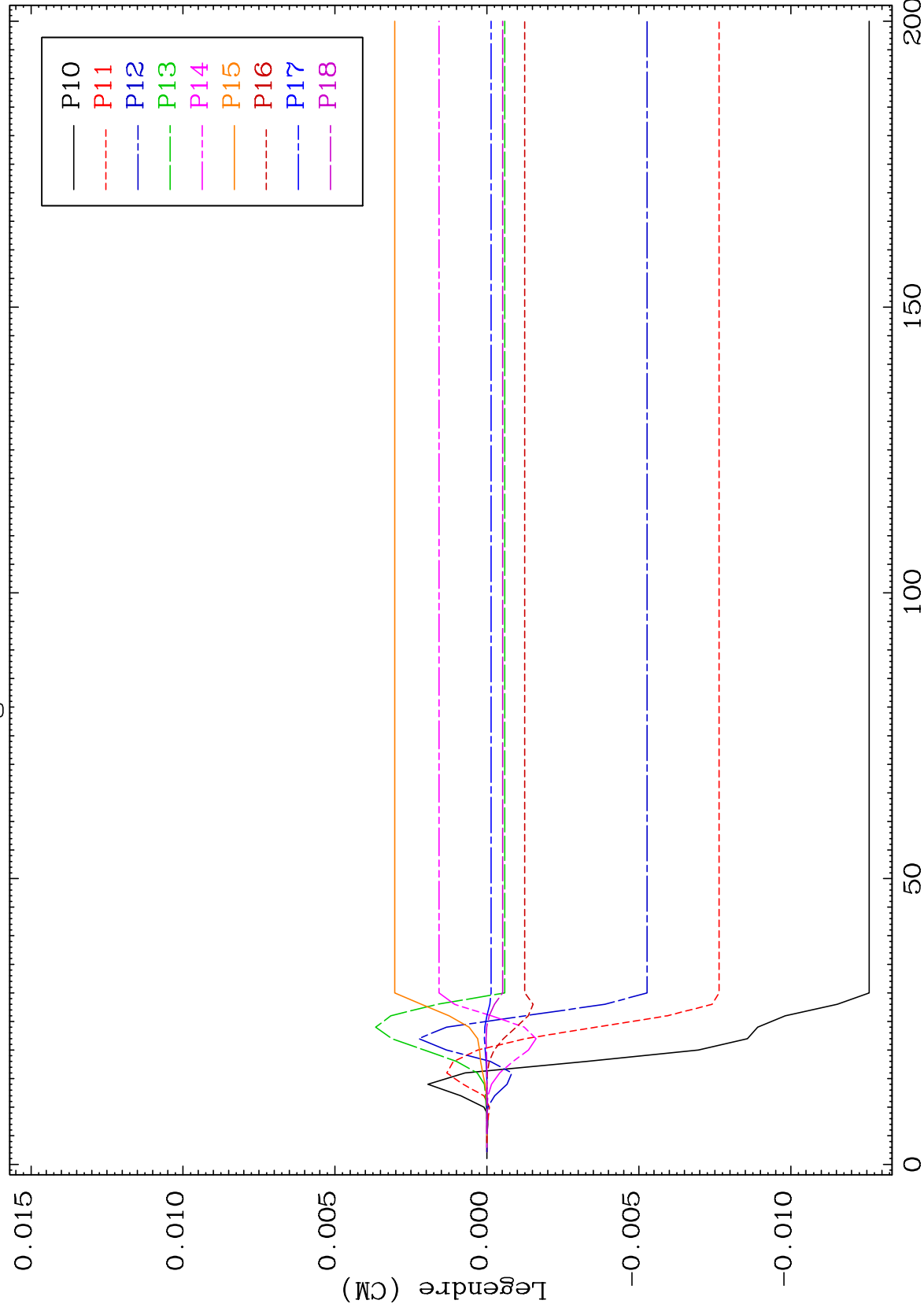
61-Pm-148



MAT 6152

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

61-Pm-148



114

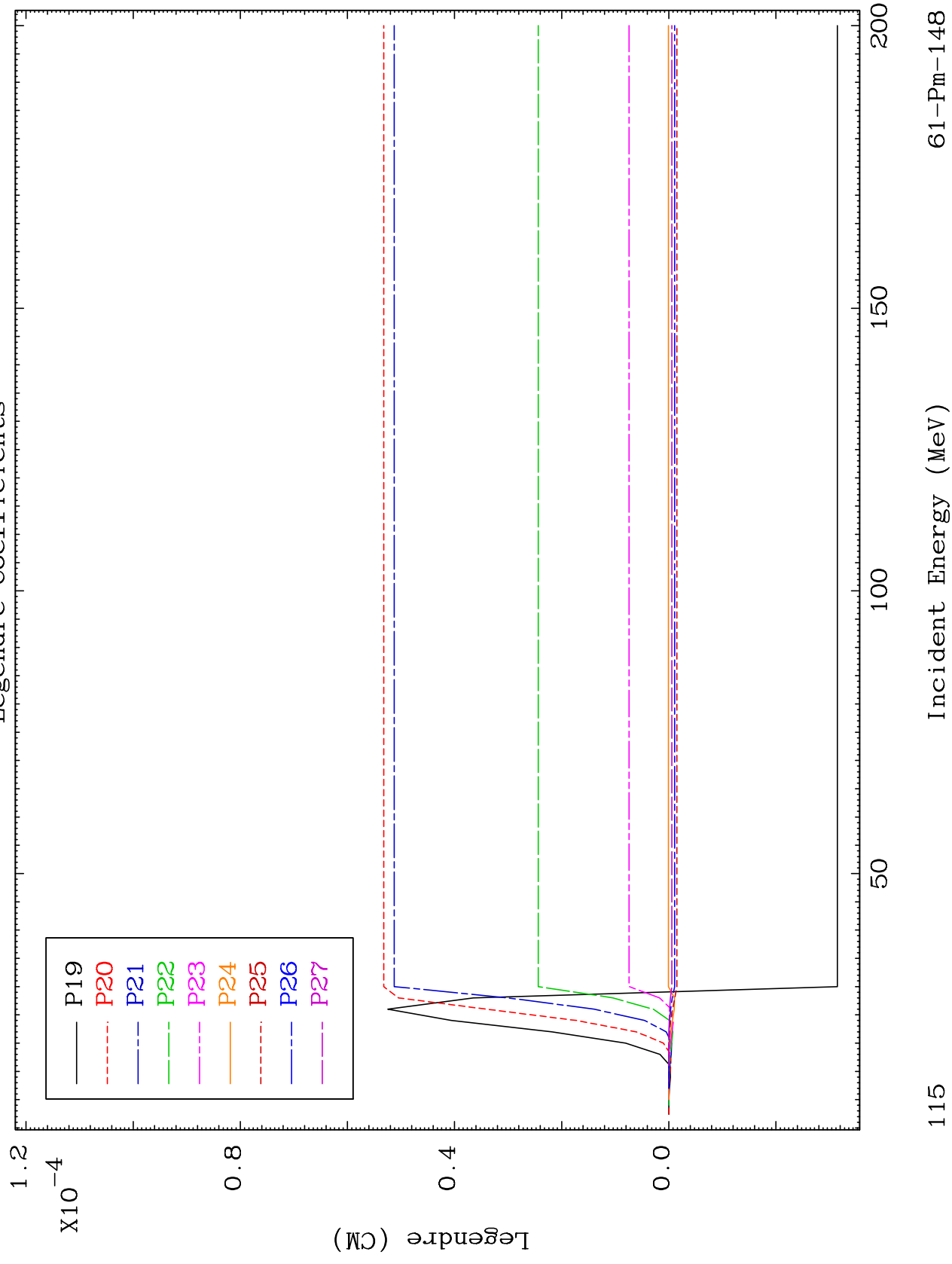
Incident Energy (MeV)

61-Pm-148

MAT 6152

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

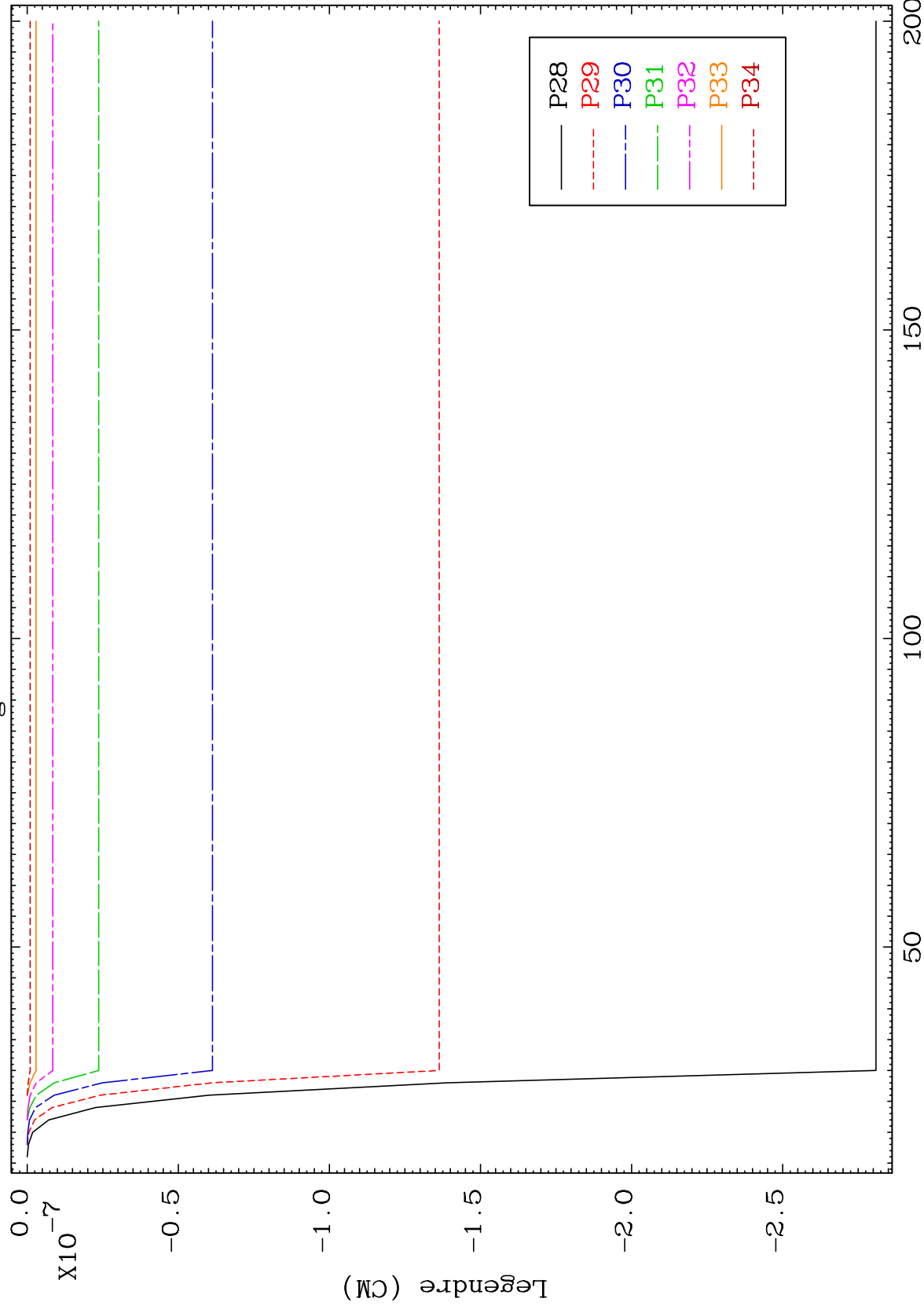
61-Pm-148



MAT 6152

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

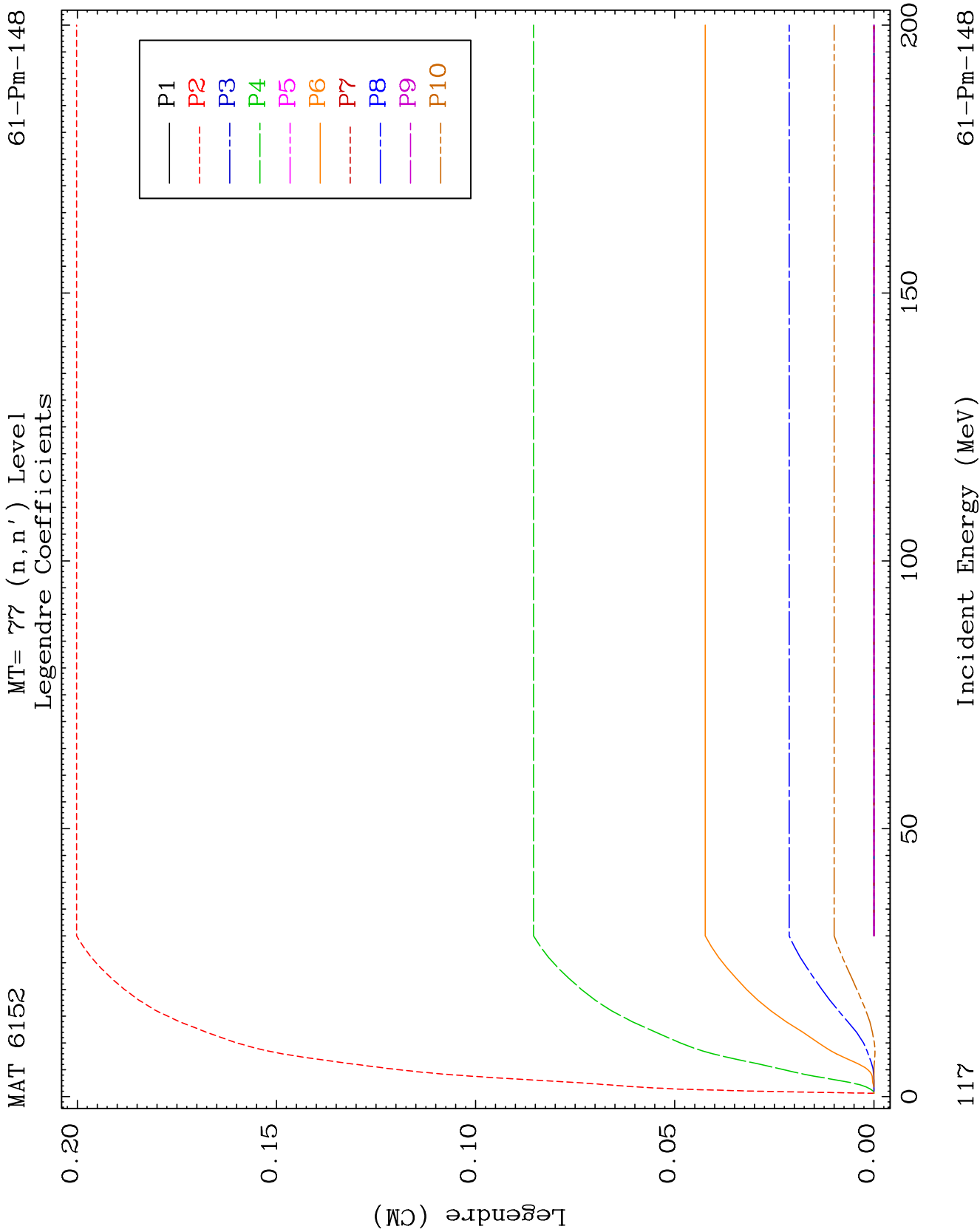
61-Pm-148

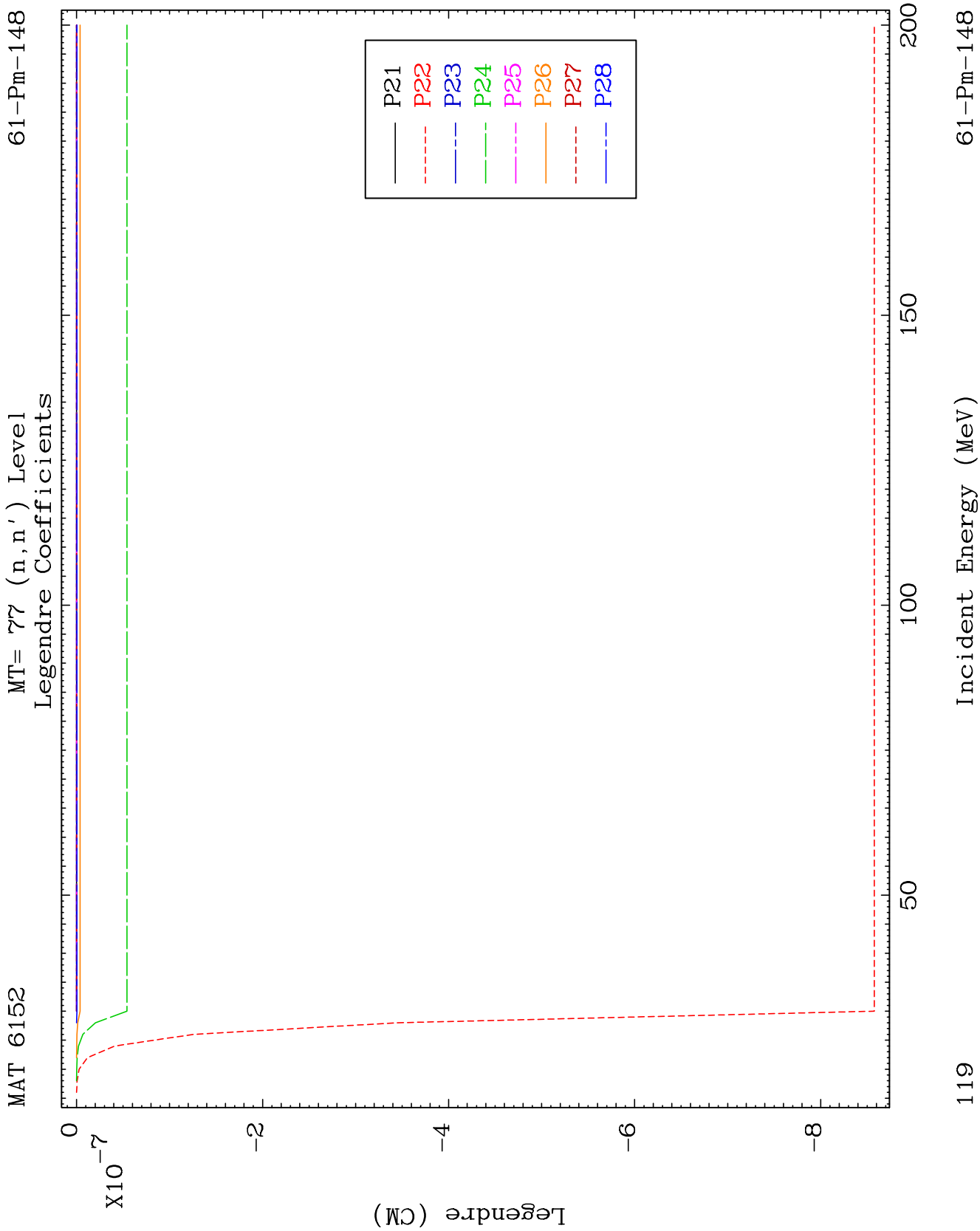


116

Incident Energy (MeV)

61-Pm-148

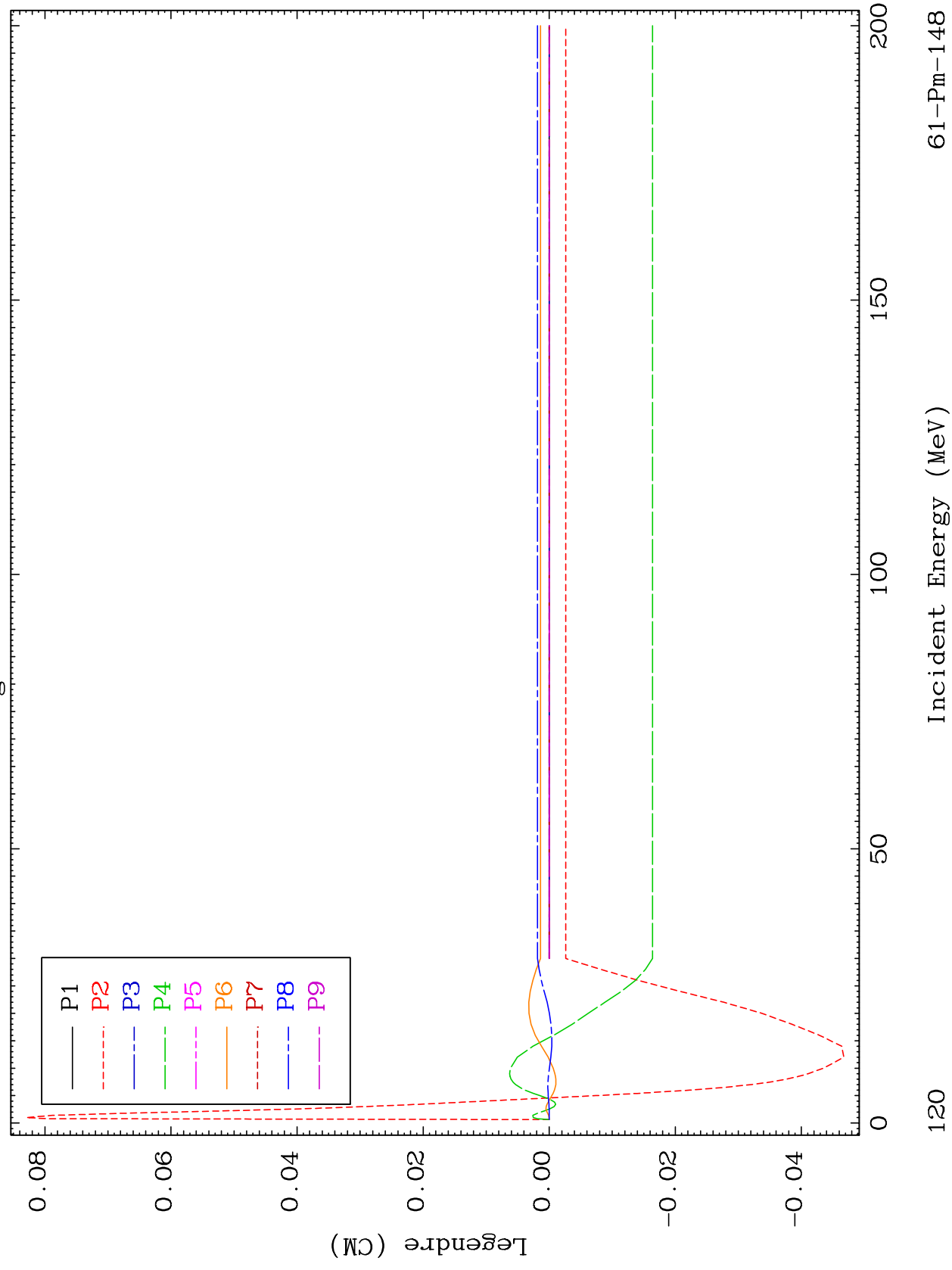


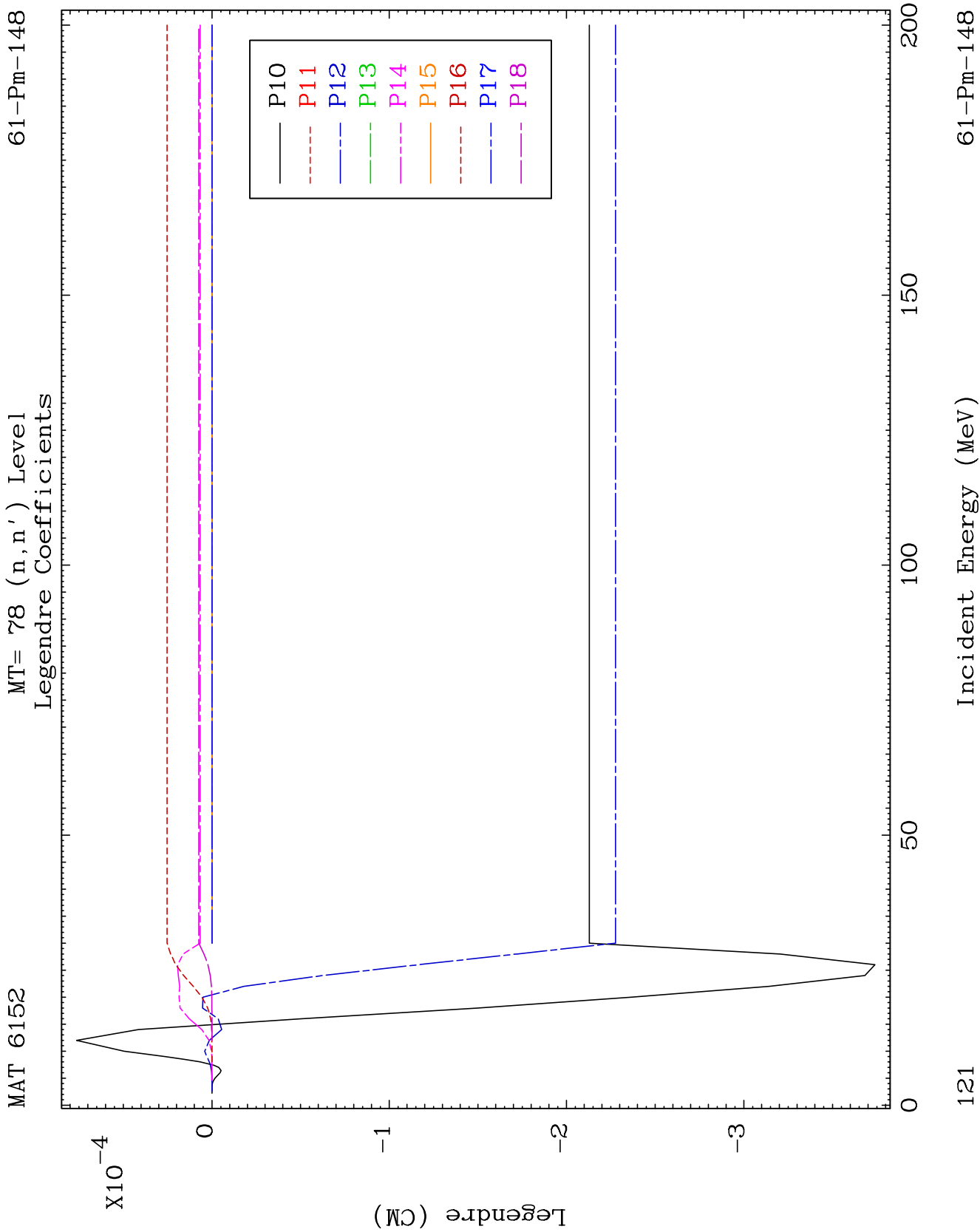


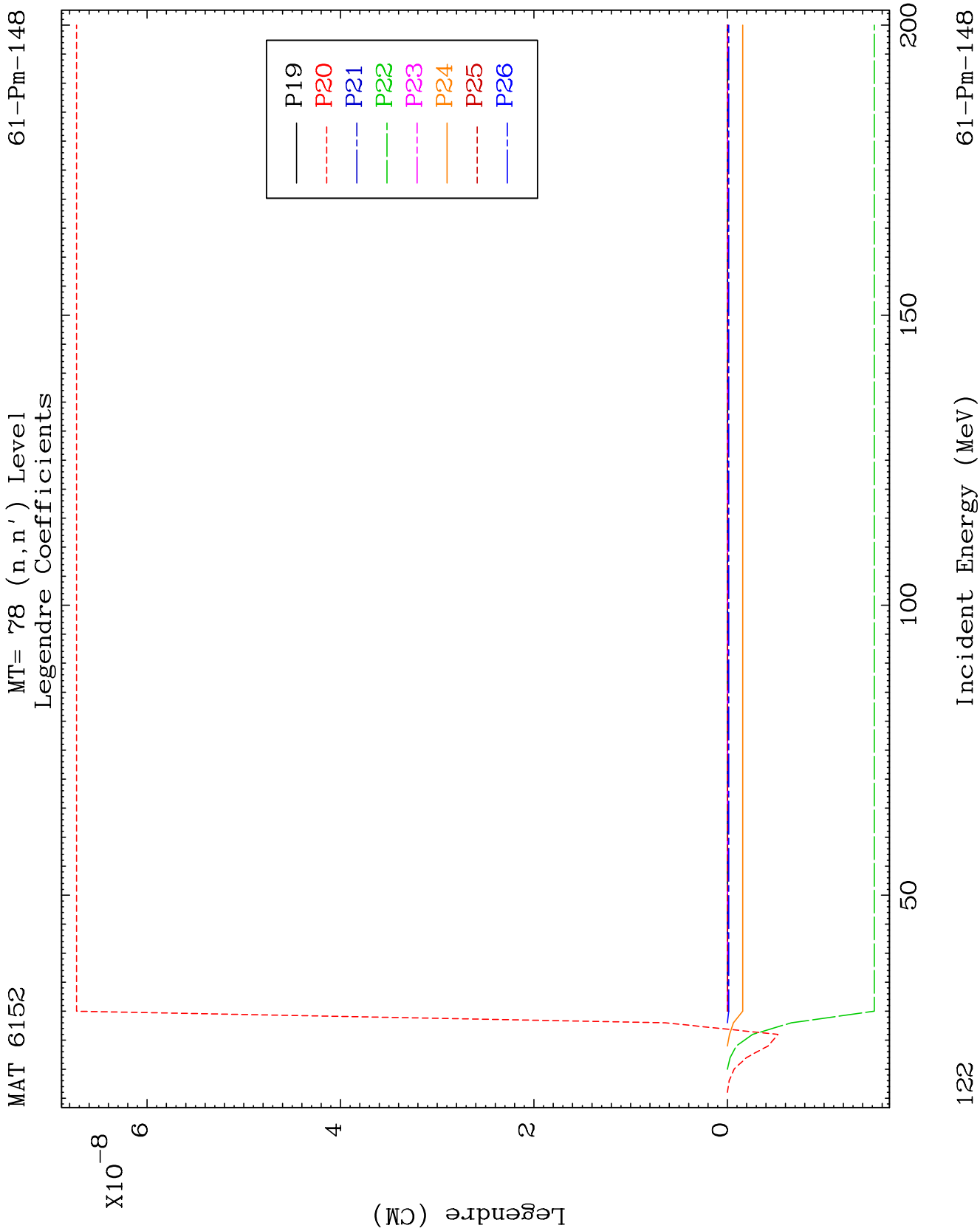
MAT 6152

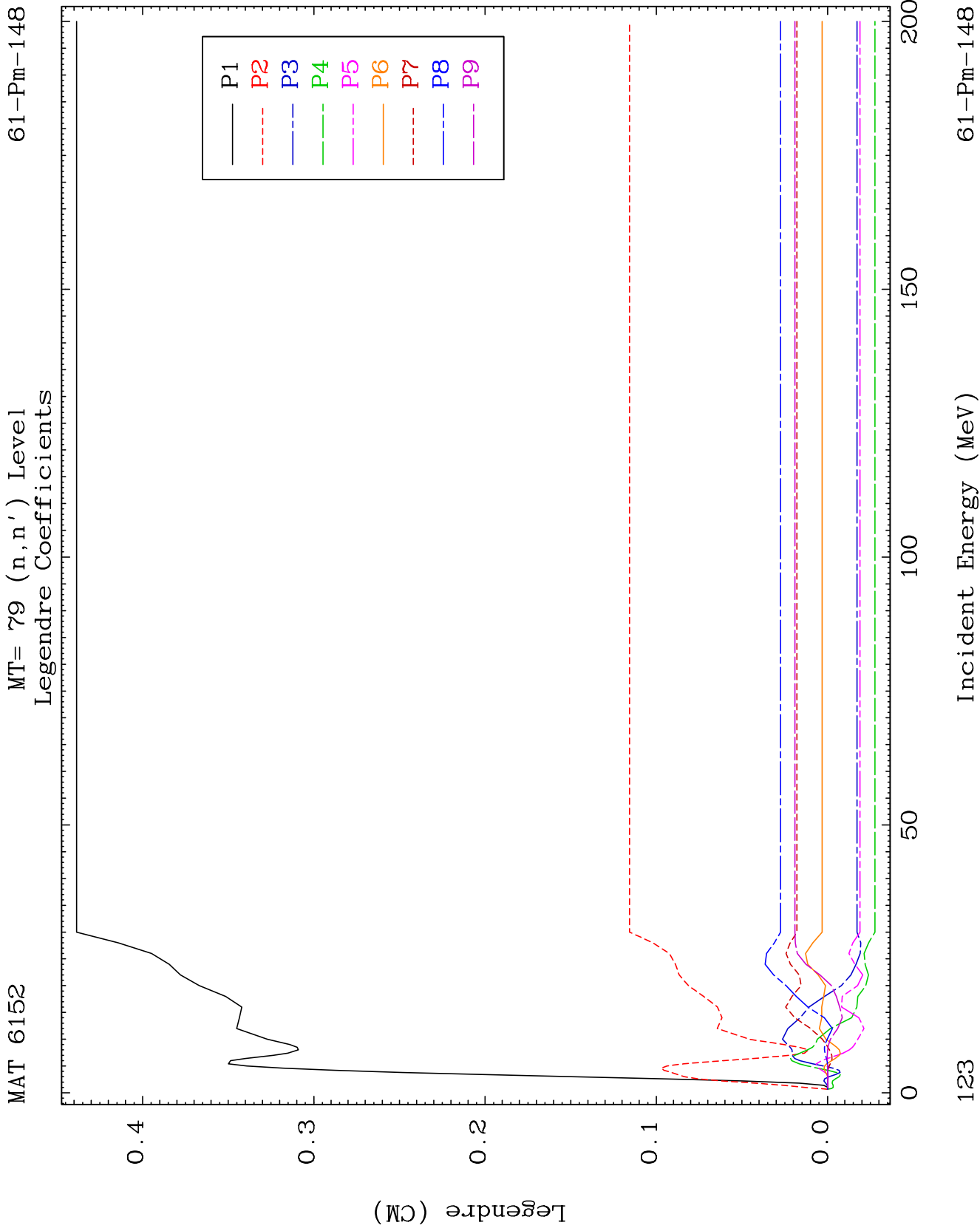
MT= 78 (n, n') Level
Legendre Coefficients

61-Pm-148





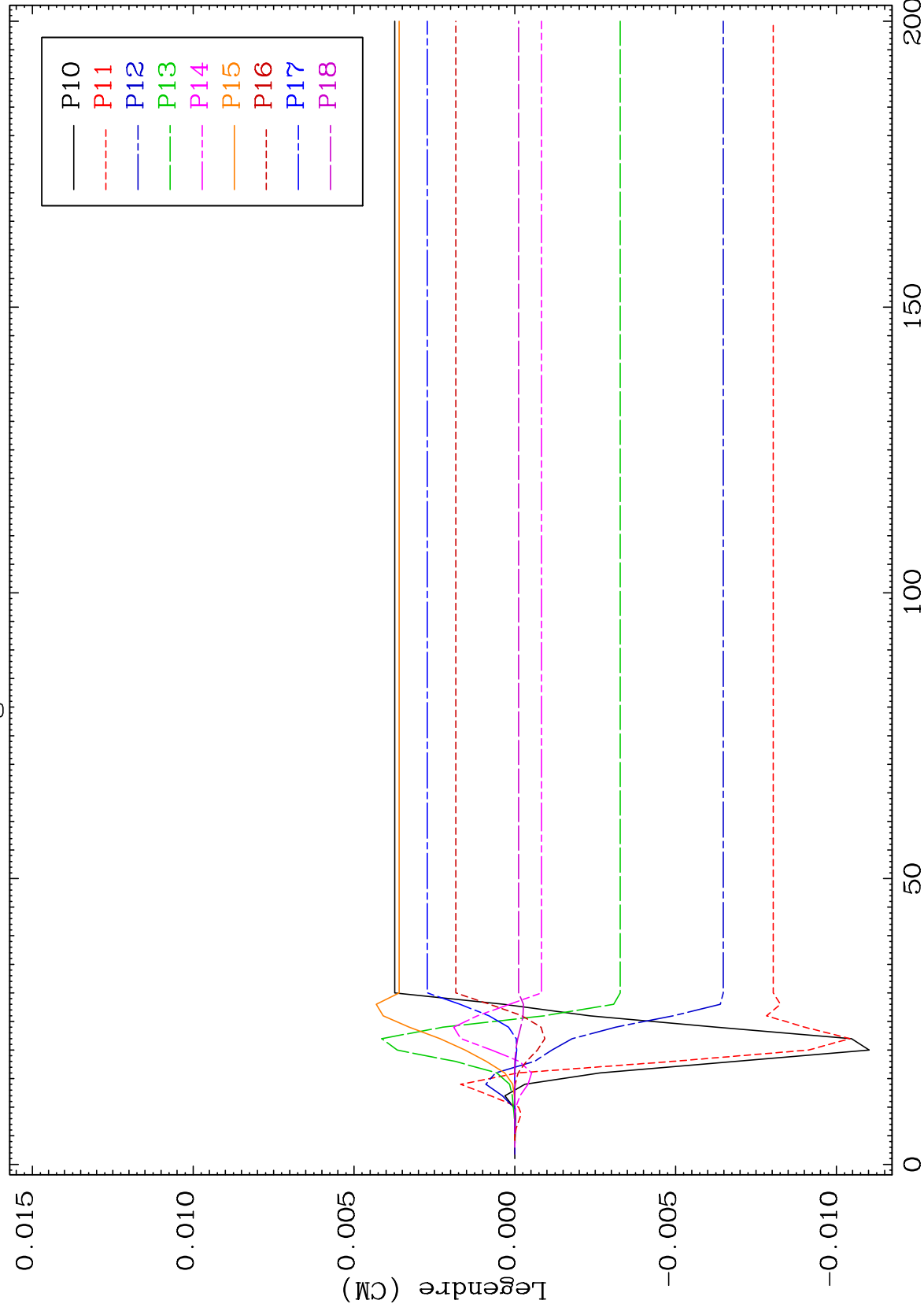




MAT 6152

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

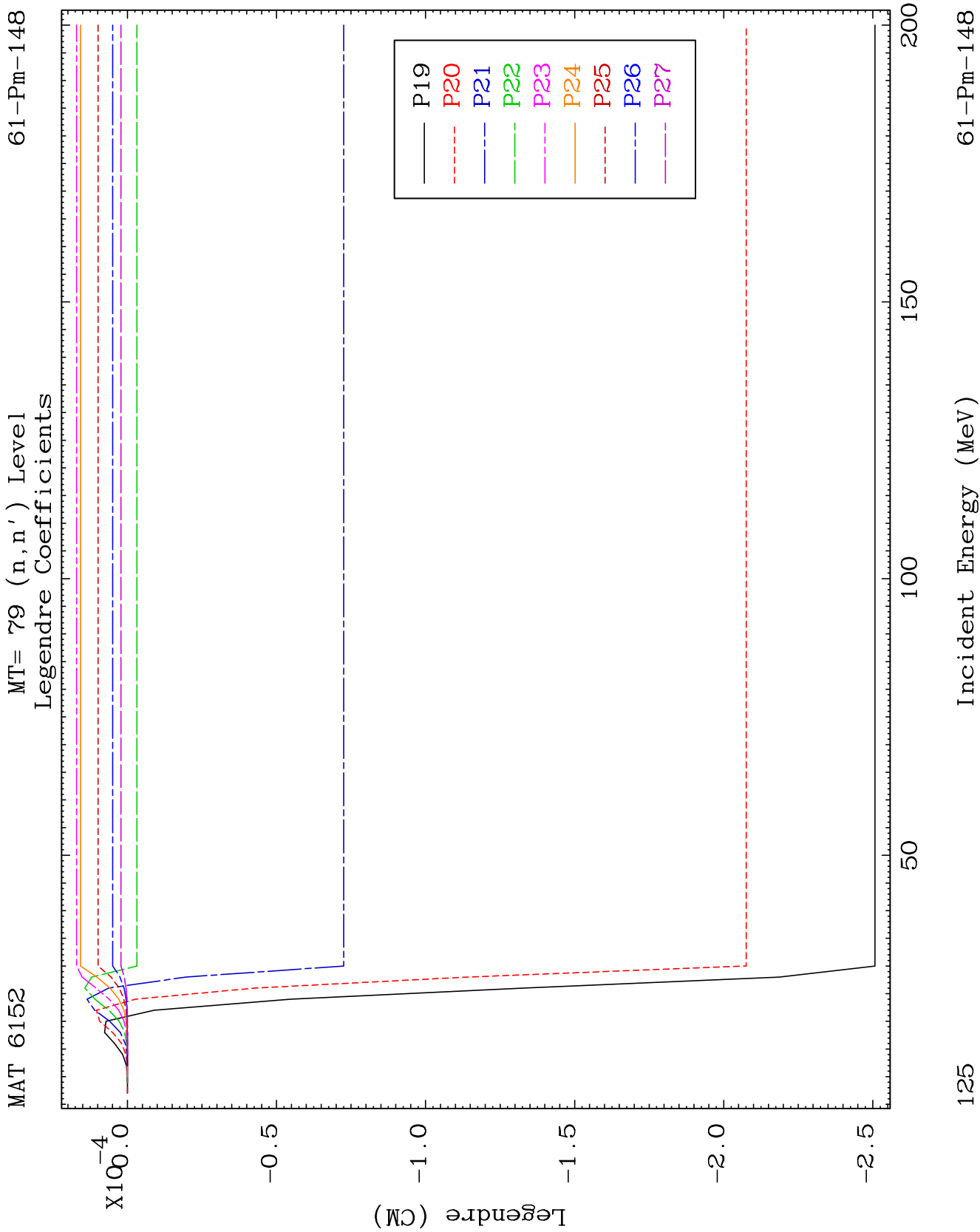
61-Pm-148



124

Incident Energy (MeV)

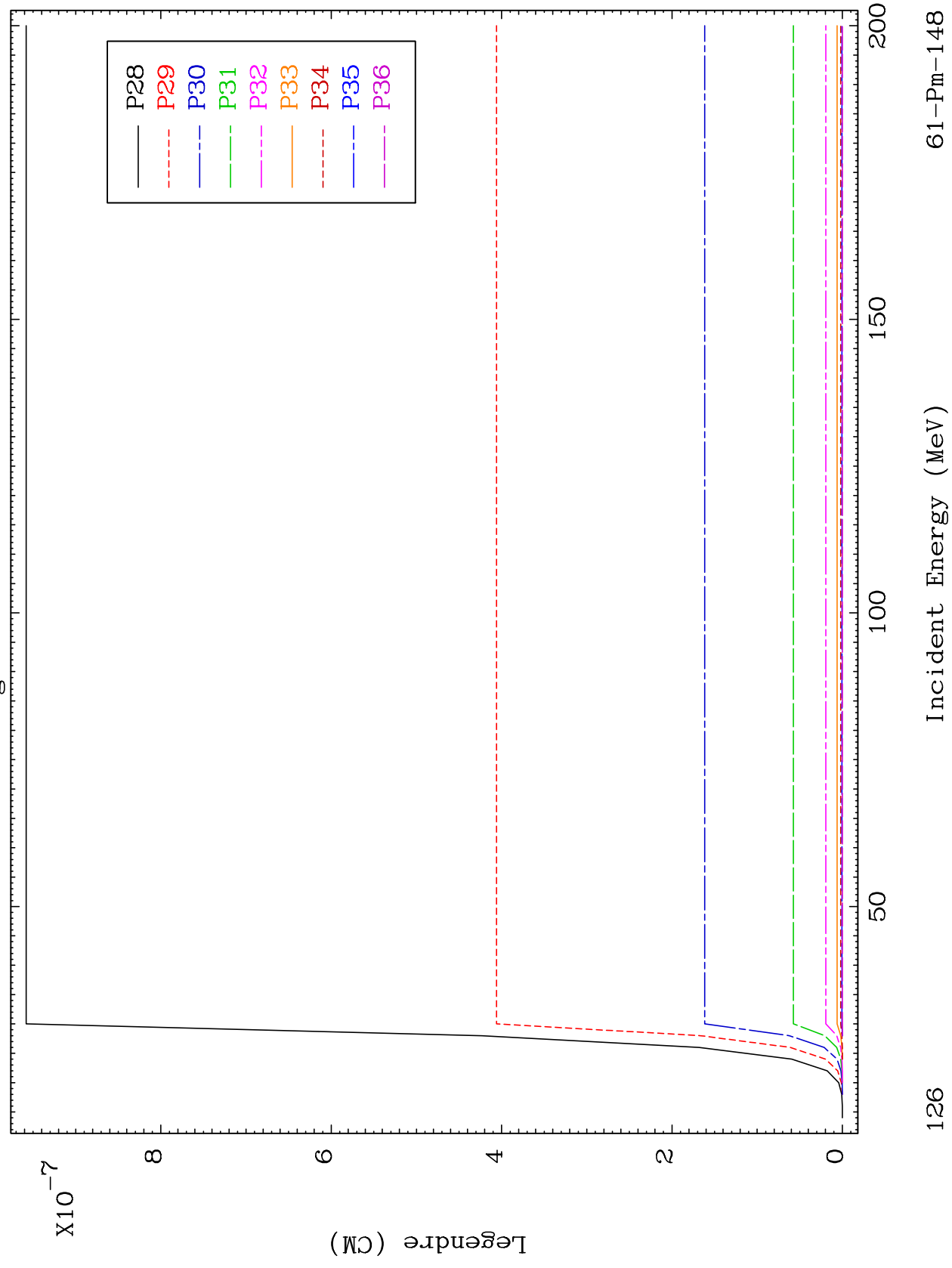
61-Pm-148

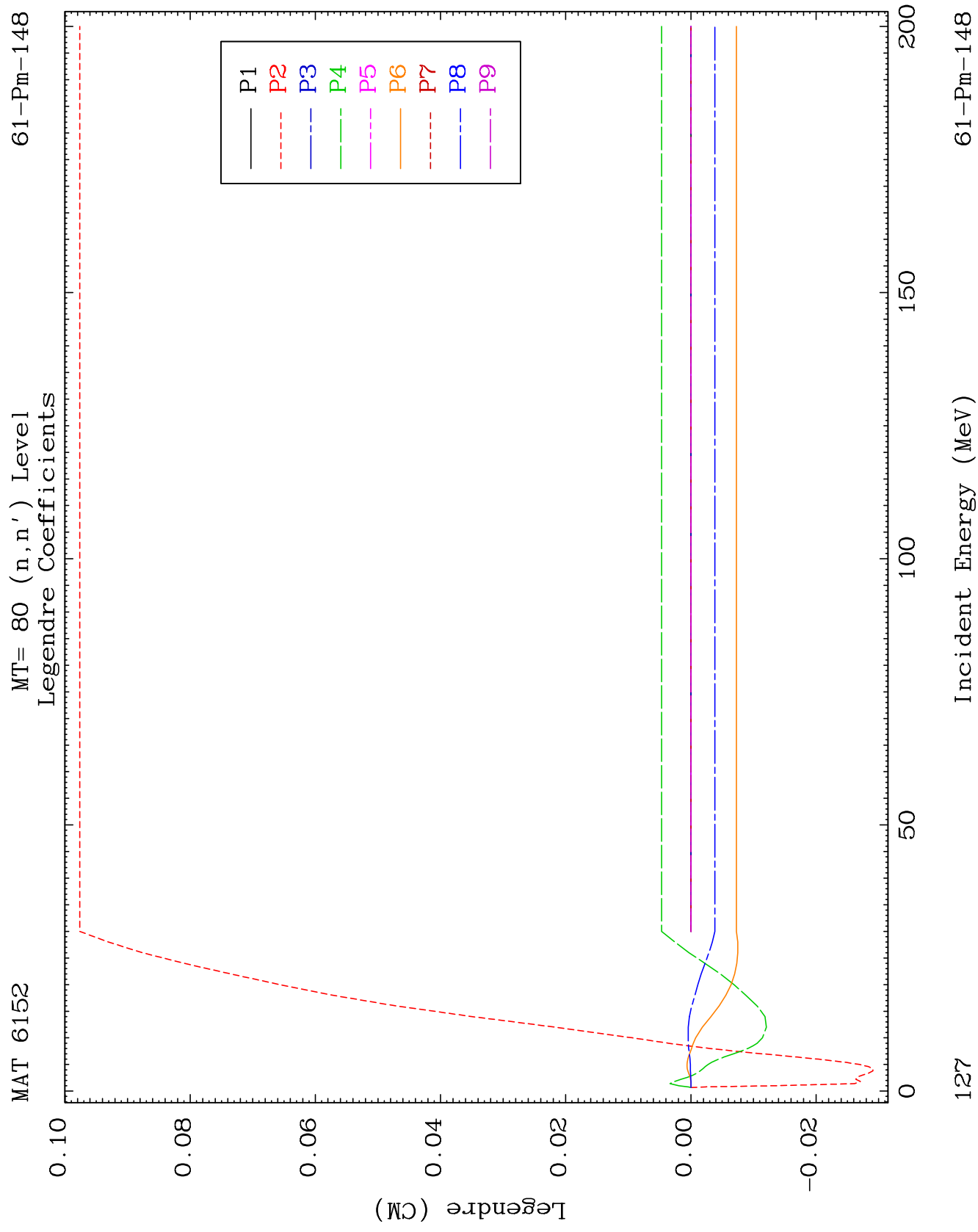


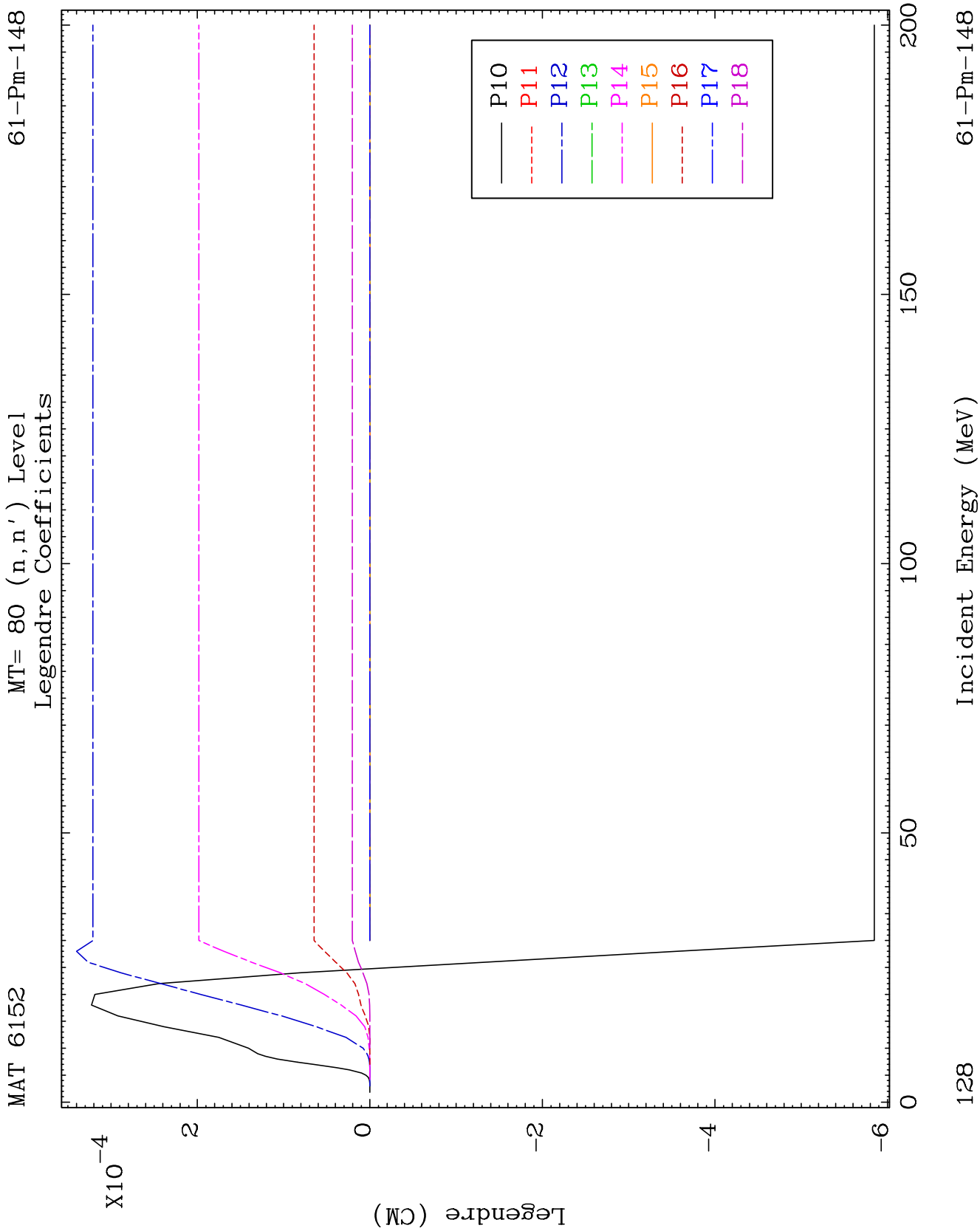
MAT 6152

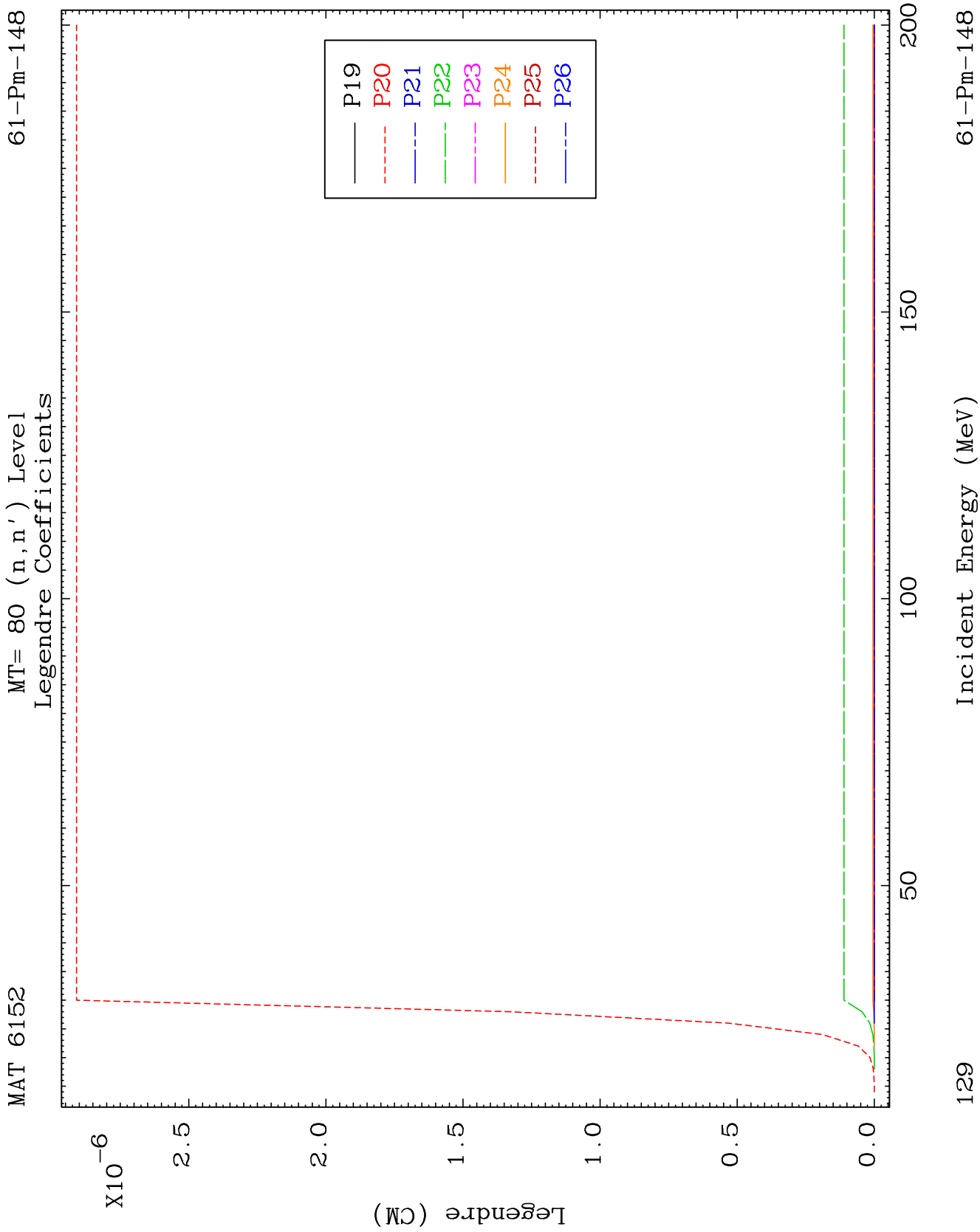
MT= 79 (n, n') Level
Legendre Coefficients

61-Pm-148







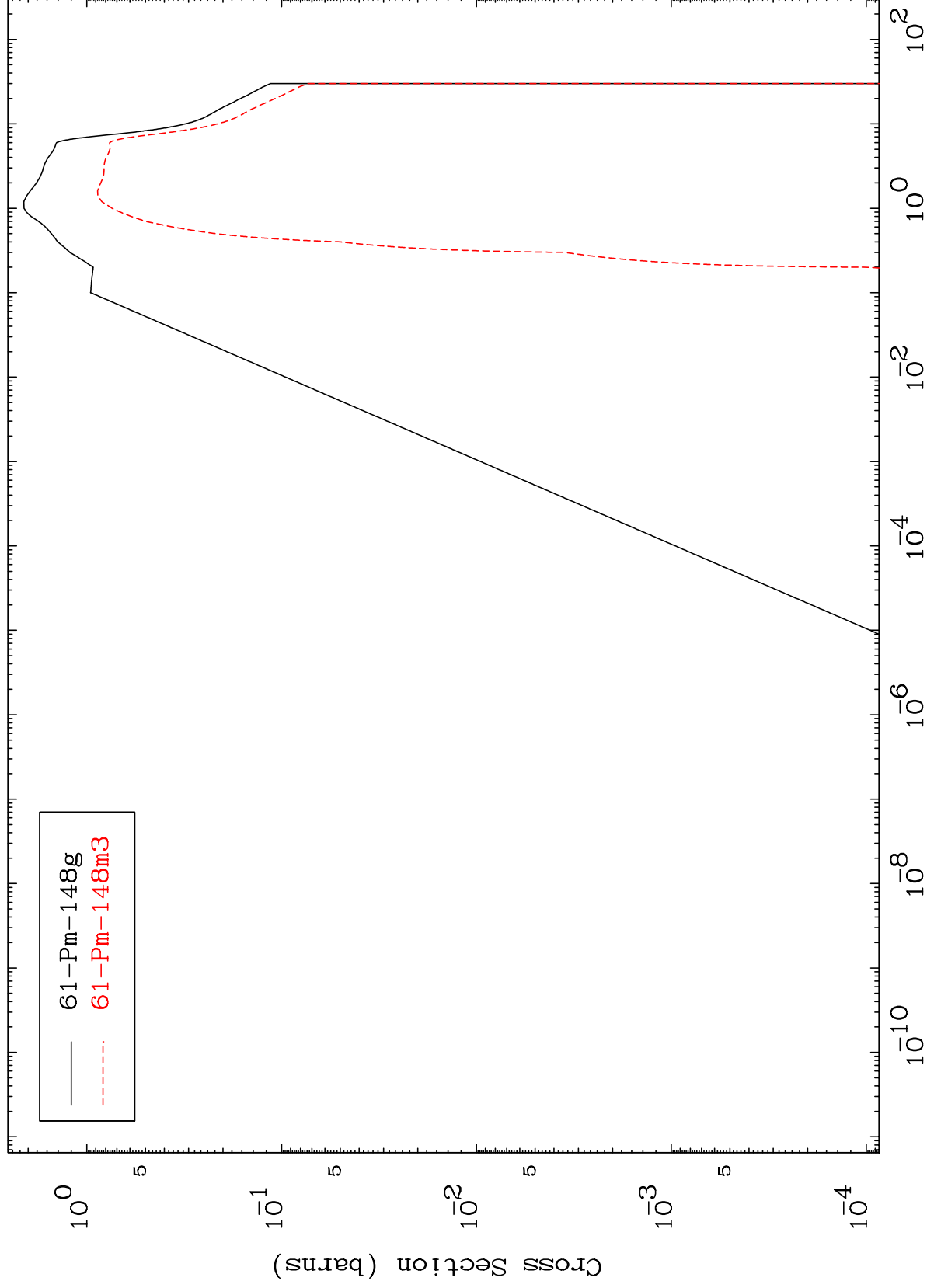


MAT 6152

Inelastic

61-Pm-148

Radionuclide Production Cross Section



61-Pm-148g
61-Pm-148m3

130

Incident Energy (MeV)

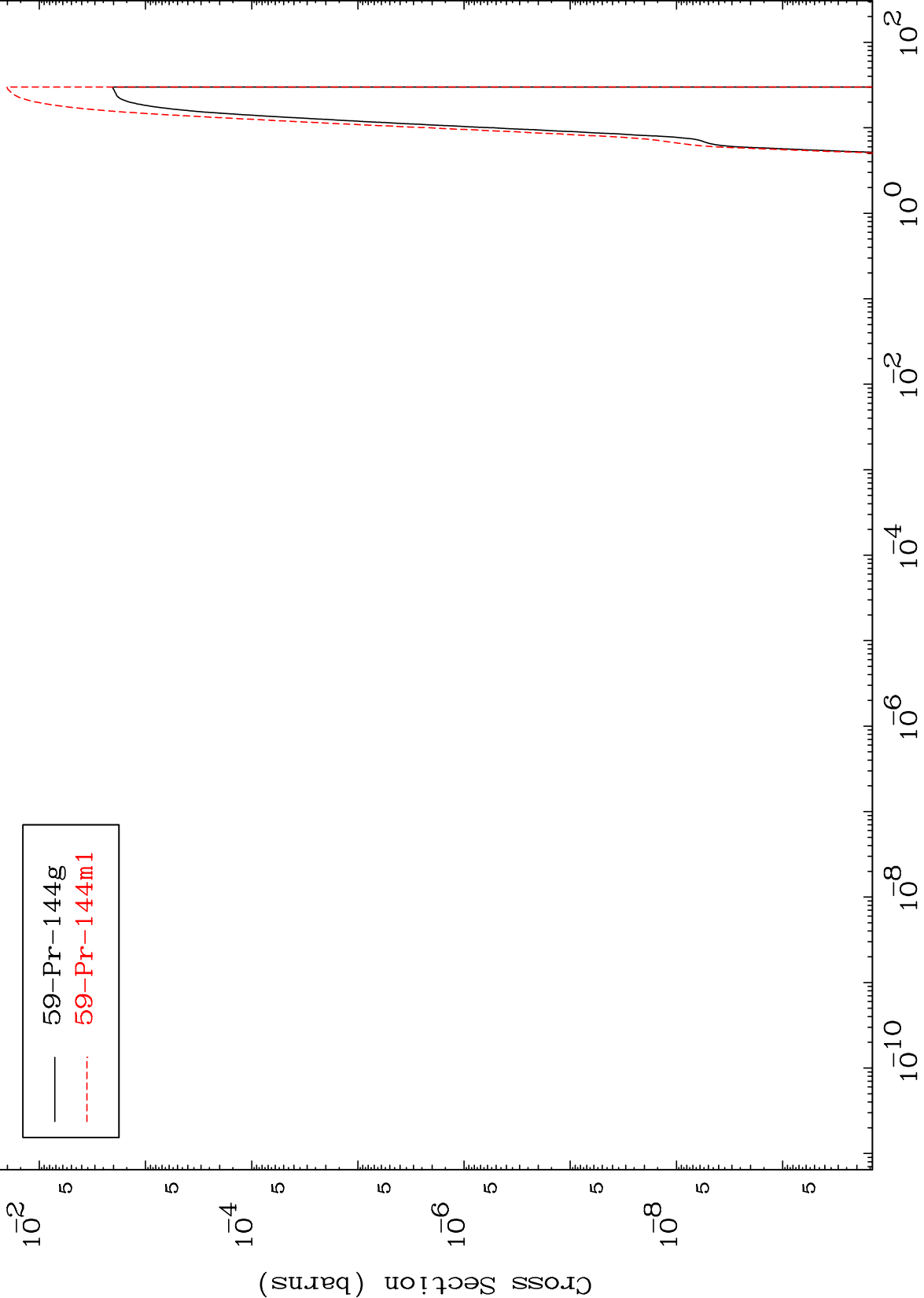
61-Pm-148

MAT 6152

$(n,n') \alpha$

61-Pm-148

Radionuclide Production Cross Section



131

Incident Energy (MeV)

61-Pm-148

