

Program EVALPLOT
(Version 2018-1)

by

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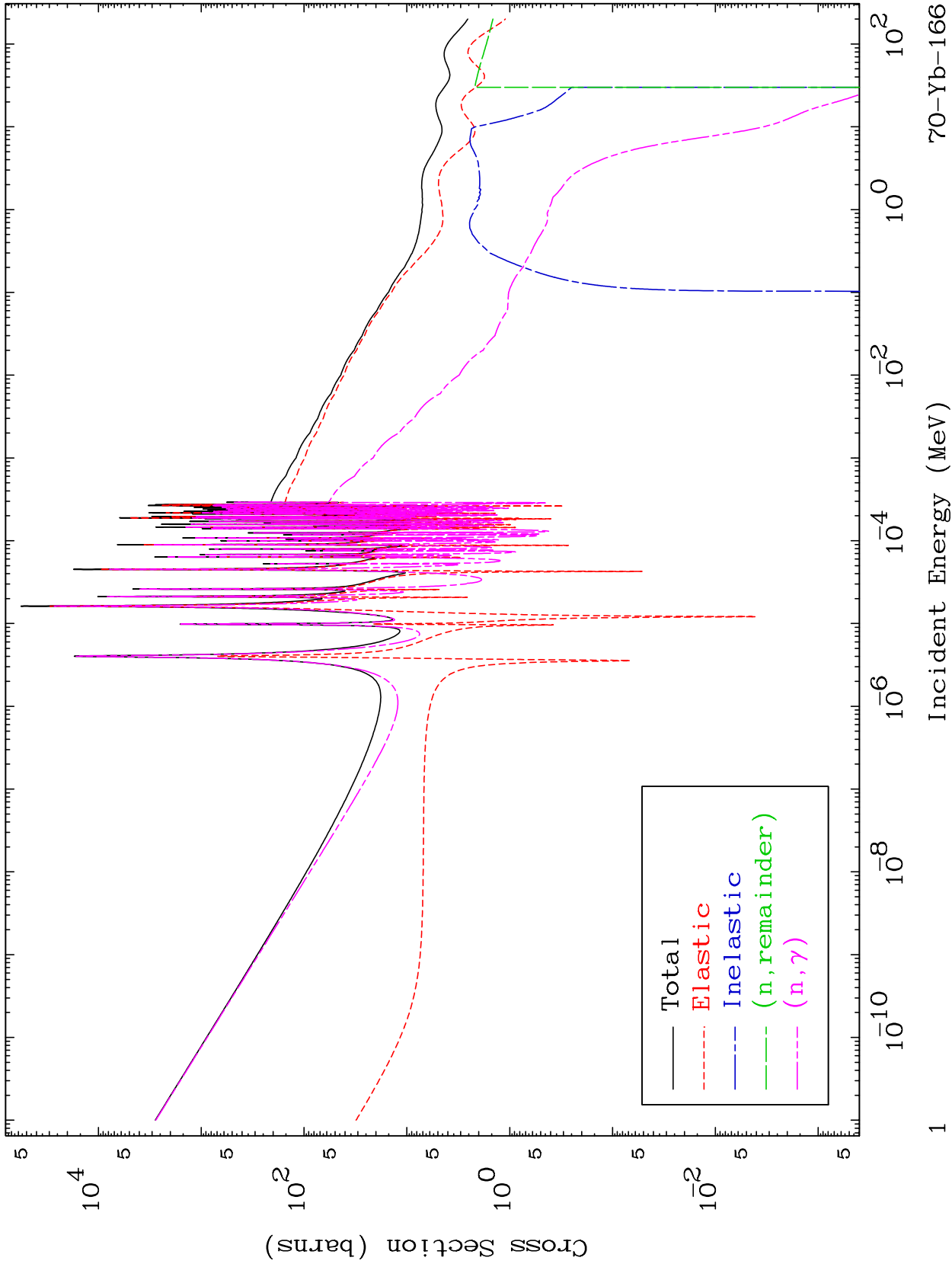
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Press Mouse Button to Start

MAT 7019

Major
293 Kelvin Cross Sections

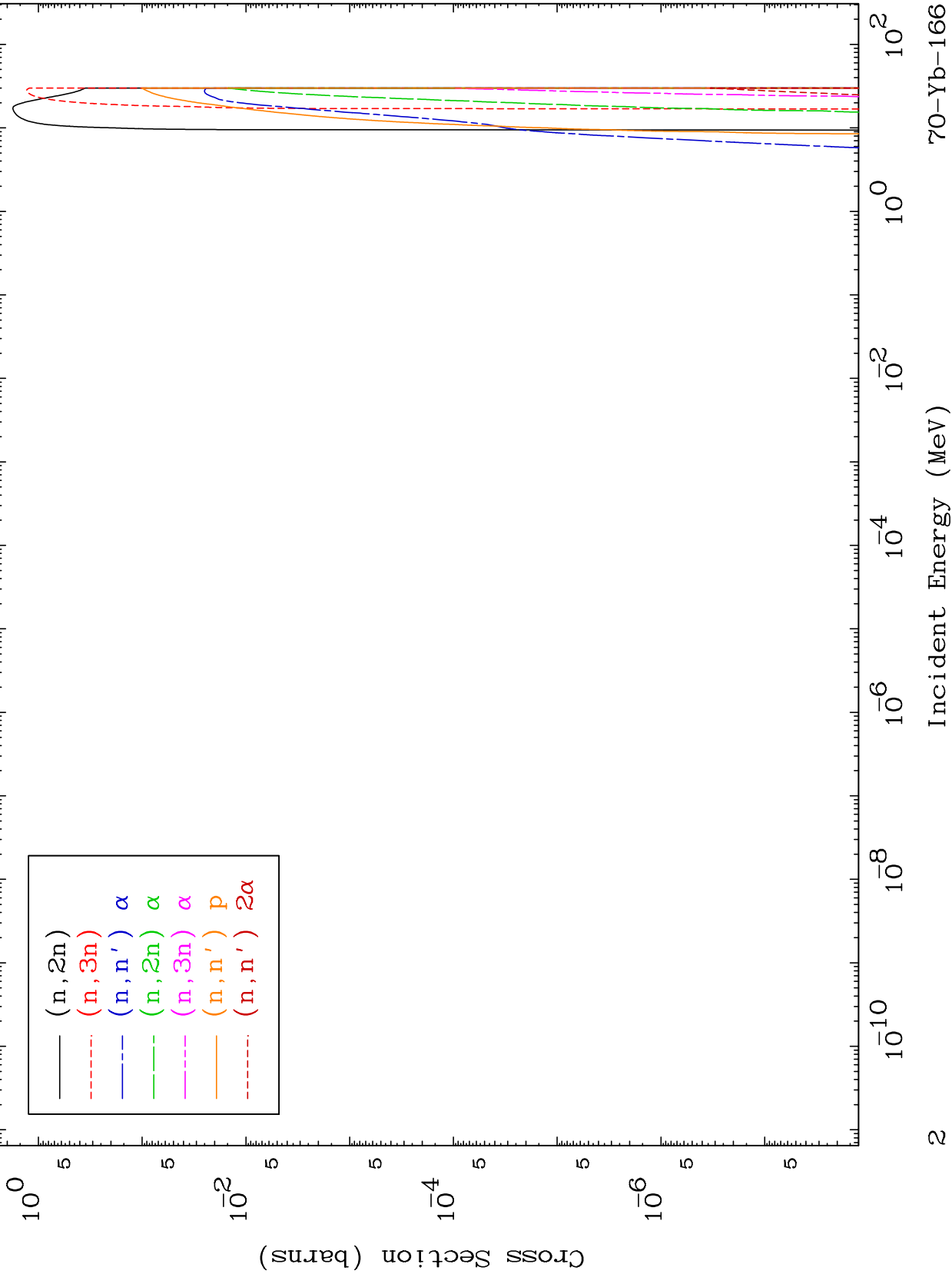
70-Yb-166

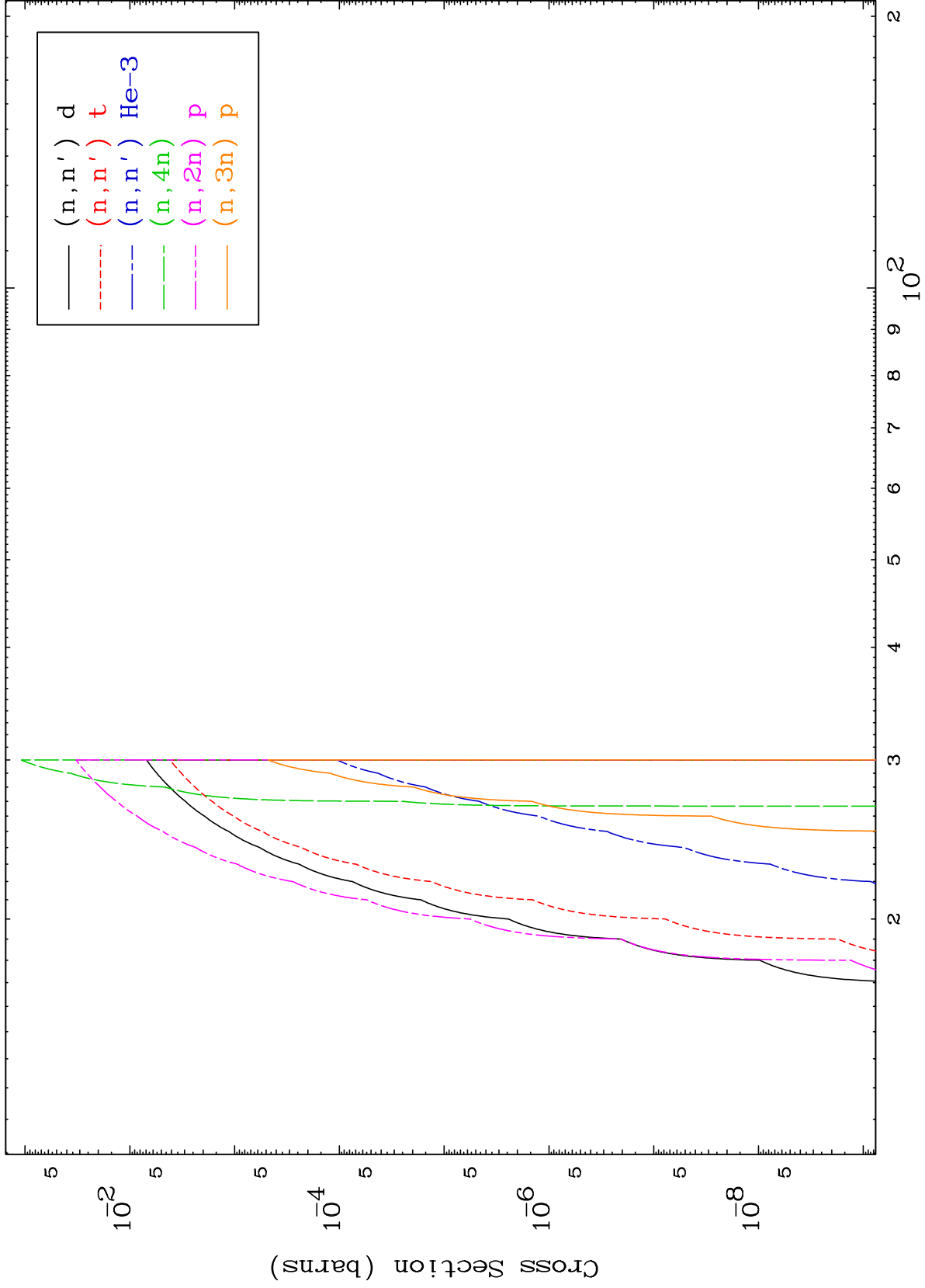


MAT 7019

Neutron Production
293 Kelvin Cross Sections

70-Yb-166

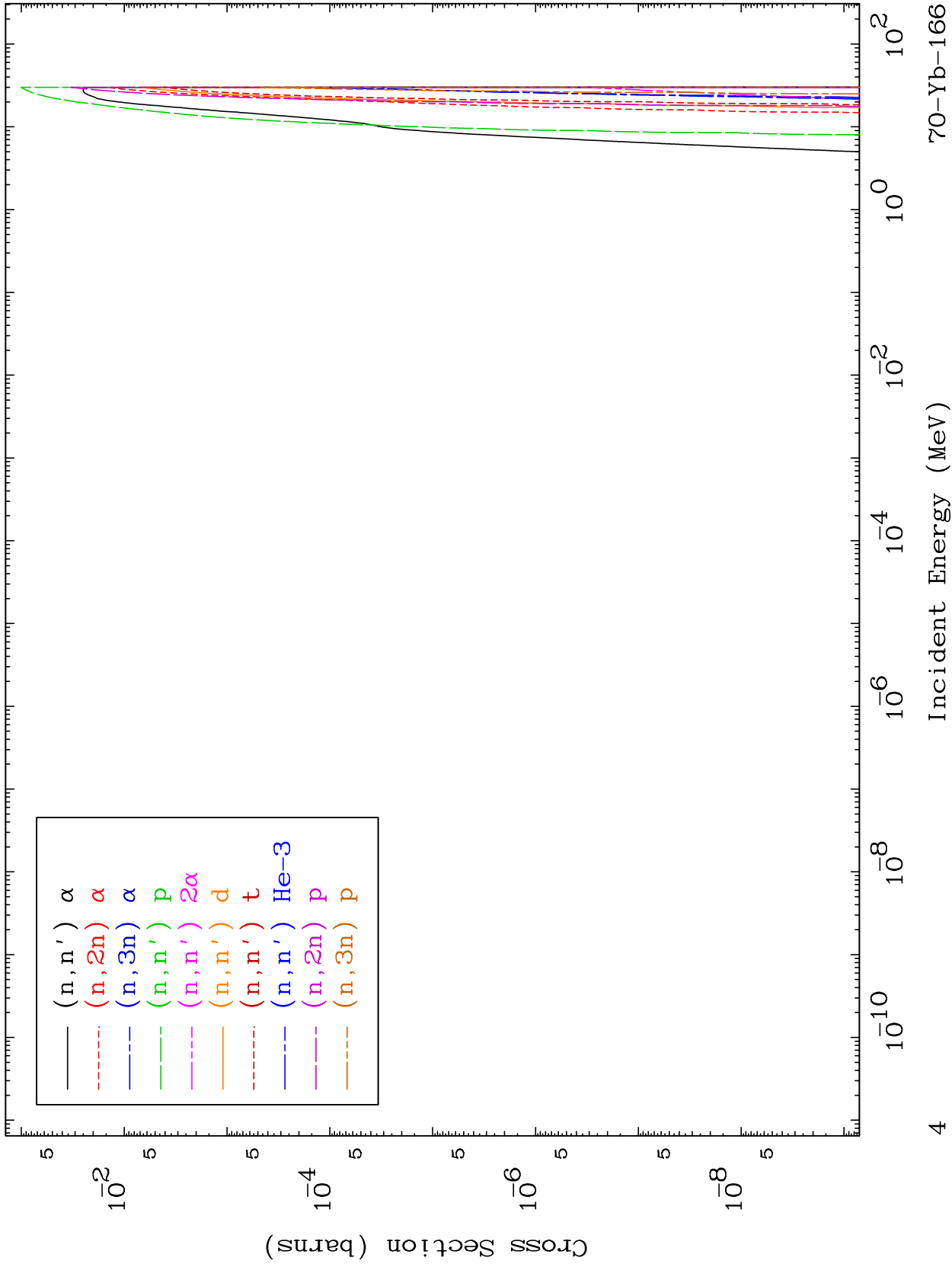


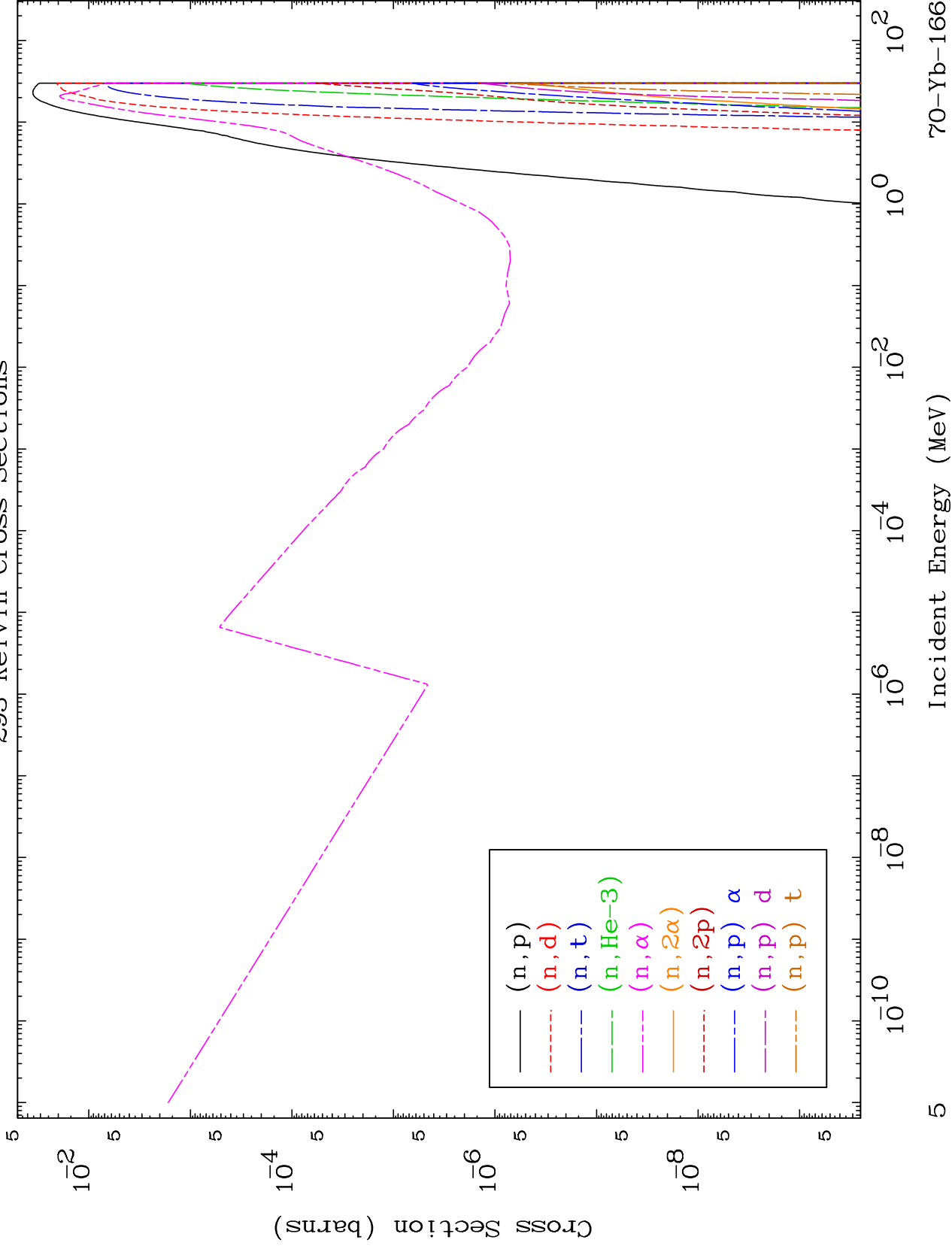


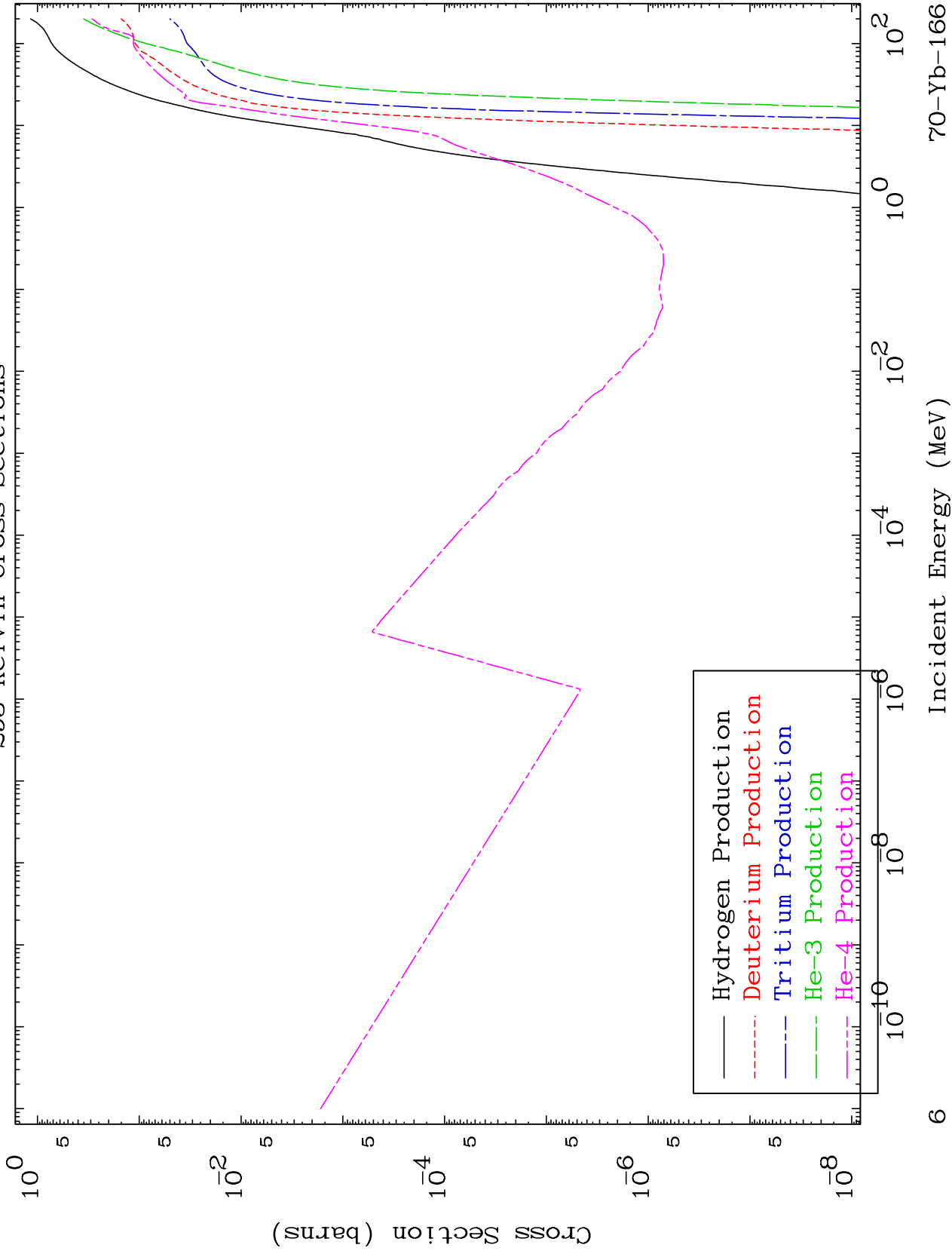
MAT 7019

Charged Particle
293 Kelvin Cross Sections

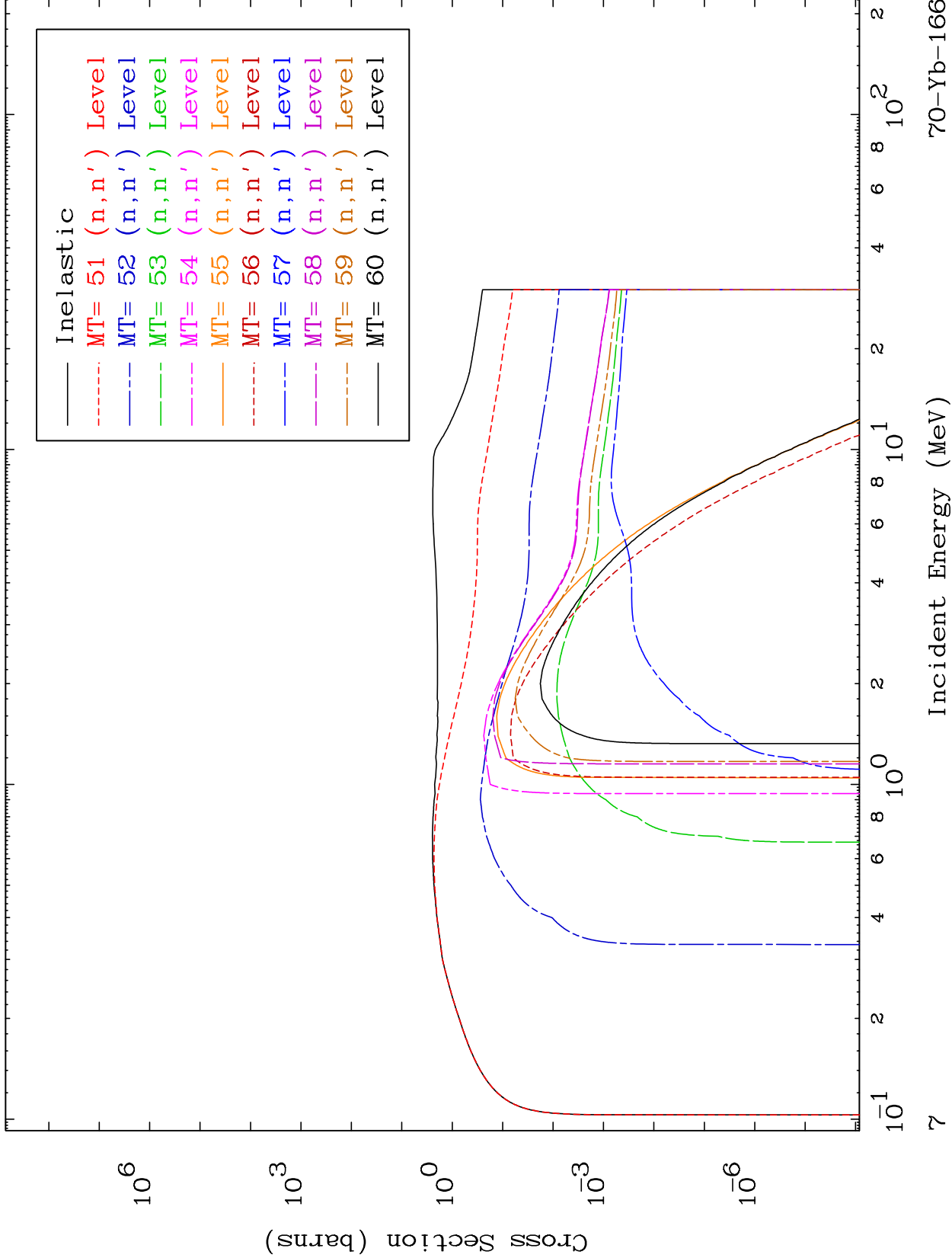
70-Yb-166







293 Kelvin Cross Sections

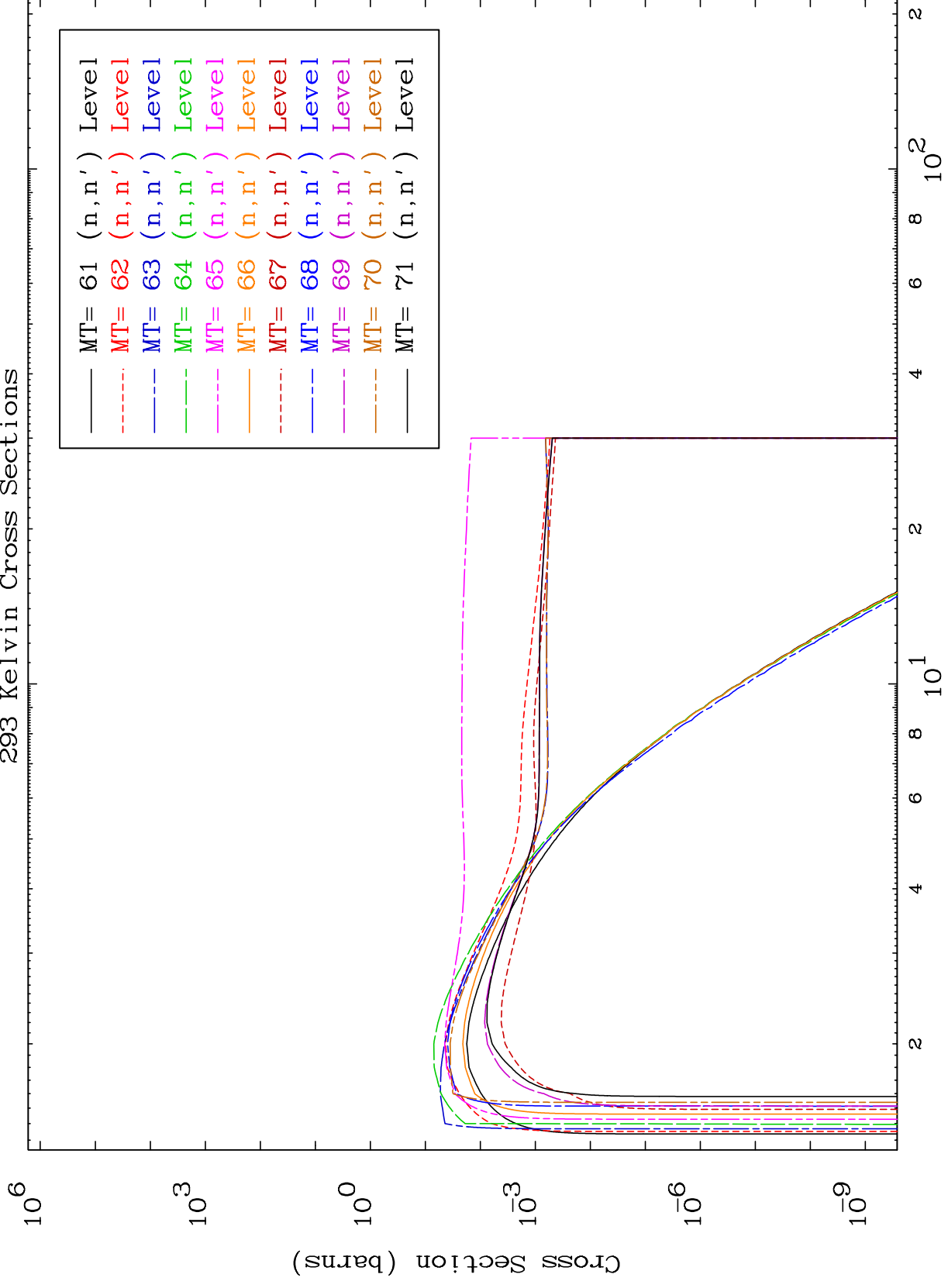


MAT 7019

(n,n') Level

293 Kelvin Cross Sections

70-Yb-166



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Incident Energy (MeV)

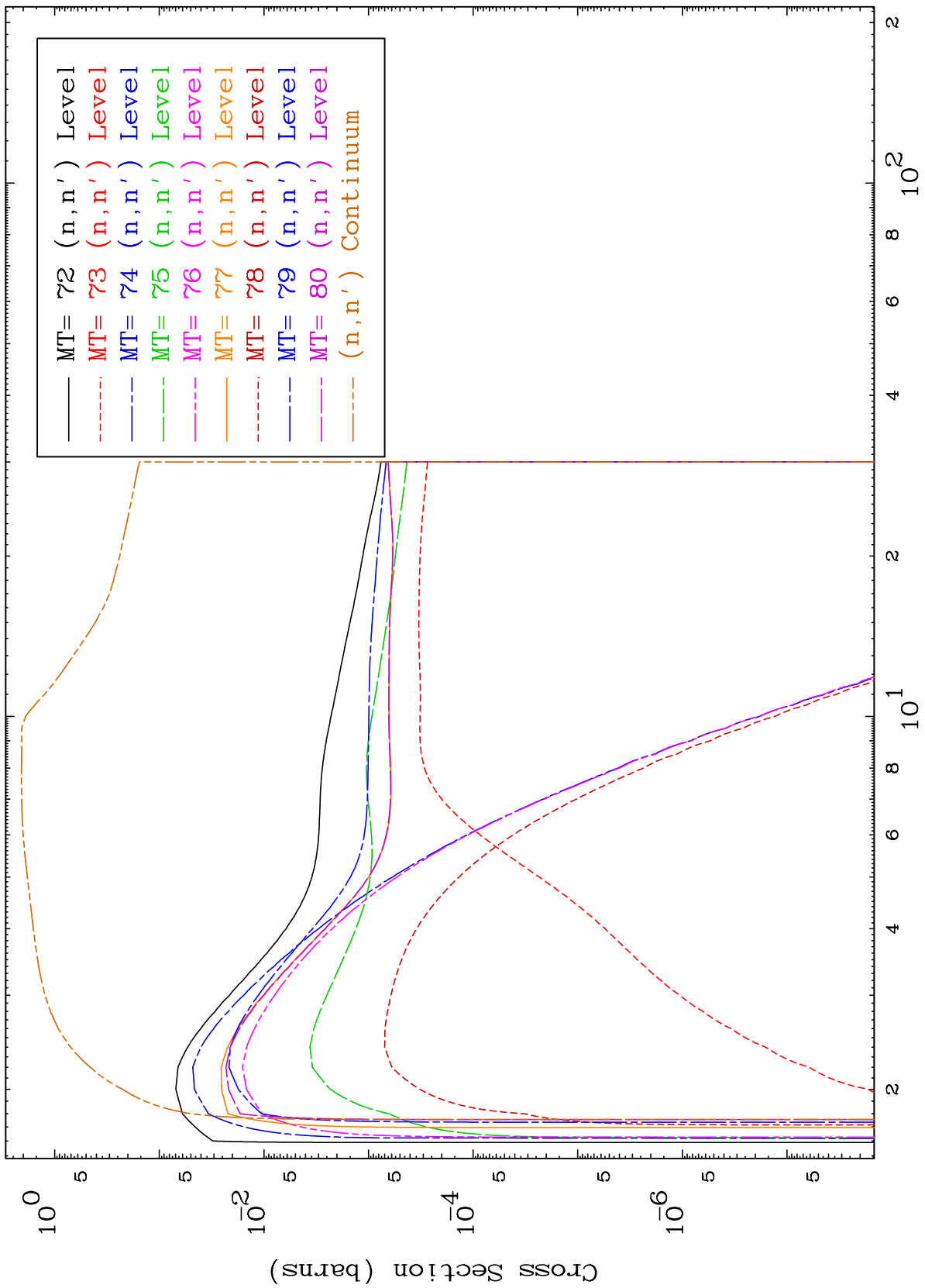
70-Yb-166

MAT 7019

(n,n') Level

70-Yb-166

293 Kelvin Cross Sections



9

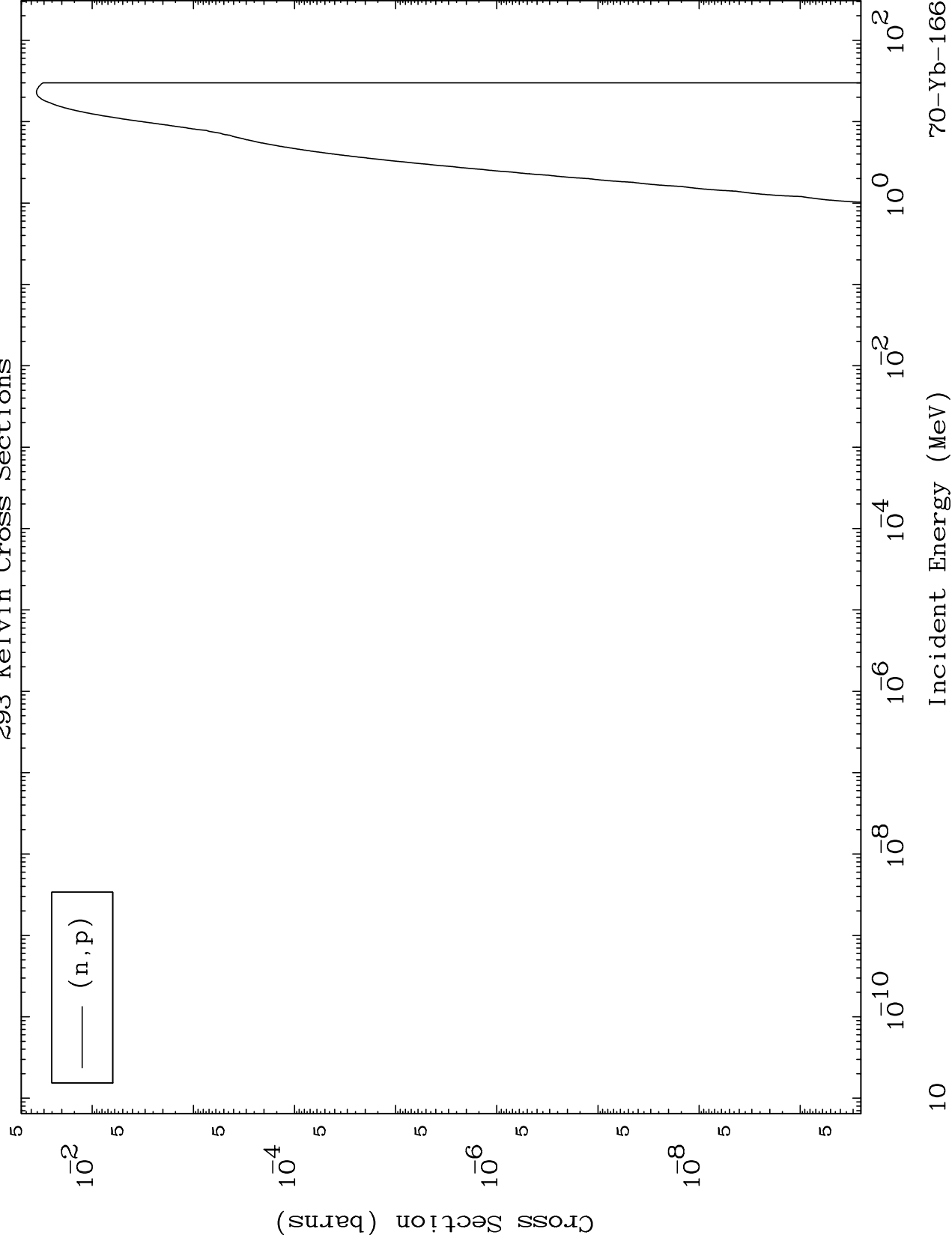
Incident Energy (MeV)

70-Yb-166

MAT 7019

(n,p) Levels
293 Kelvin Cross Sections

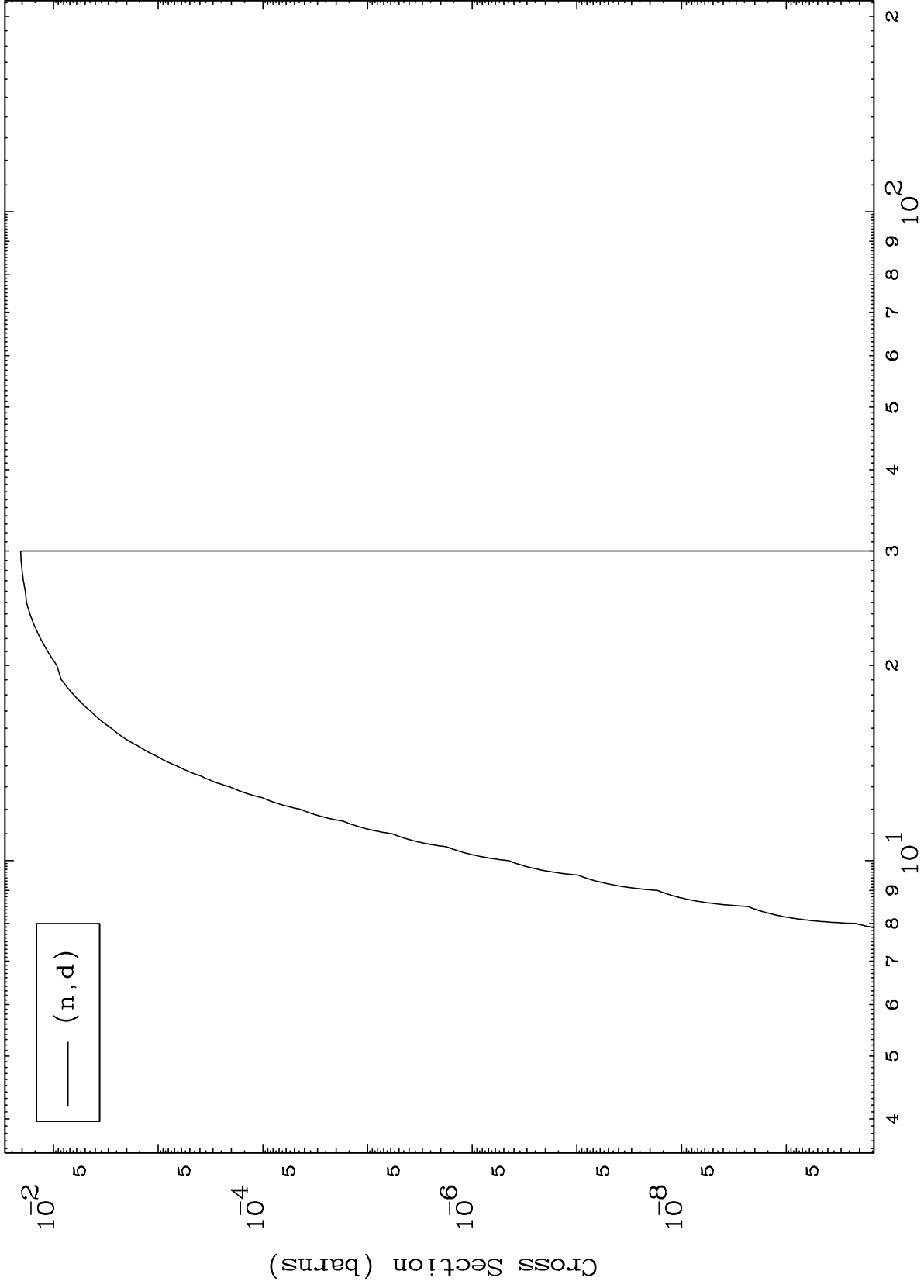
70-Yb-166



MAT 7019

(n,d) Levels
293 Kelvin Cross Sections

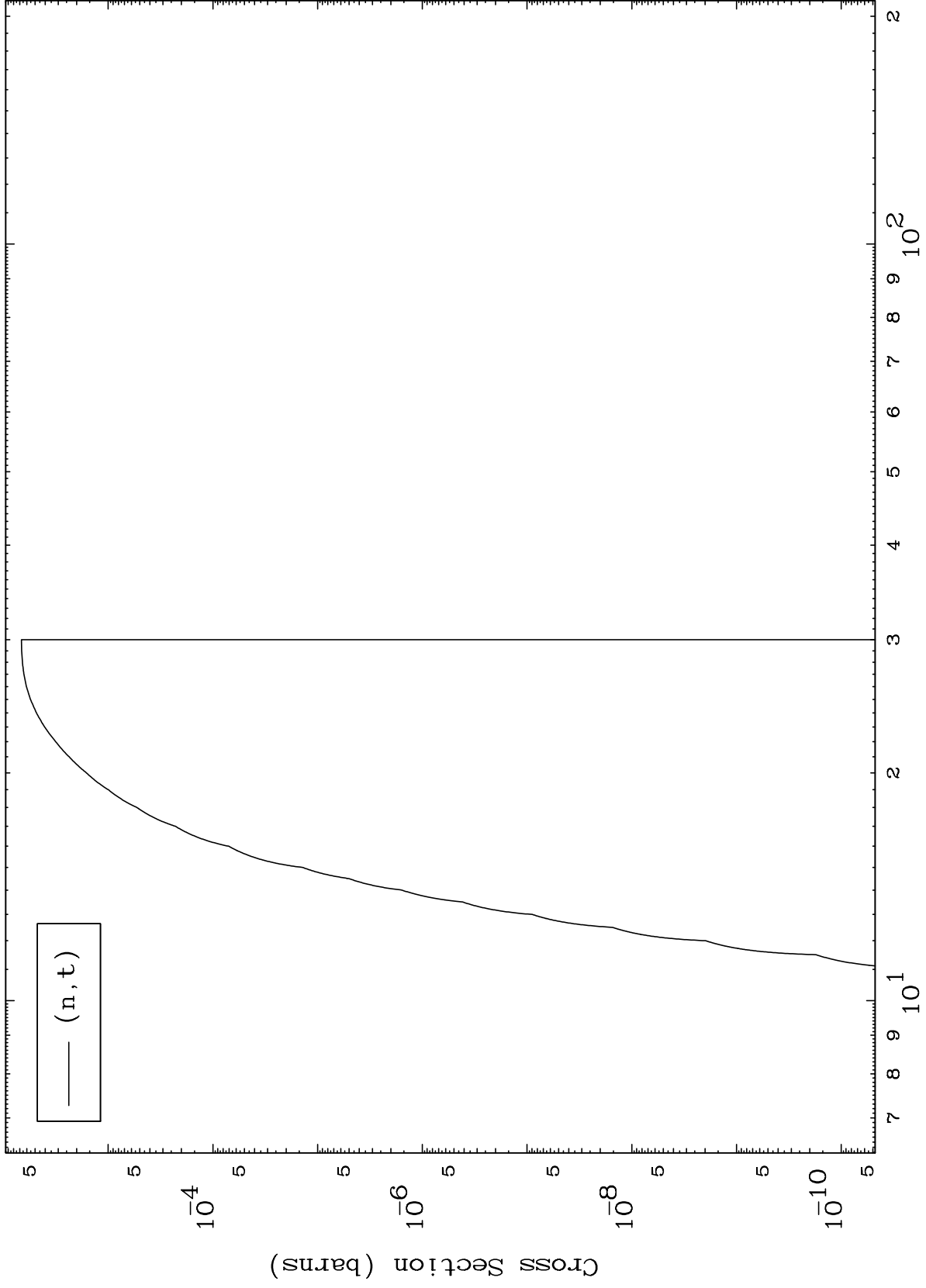
70-Yb-166



MAT 7019

(n,t) Levels
293 Kelvin Cross Sections

70-Yb-166



12

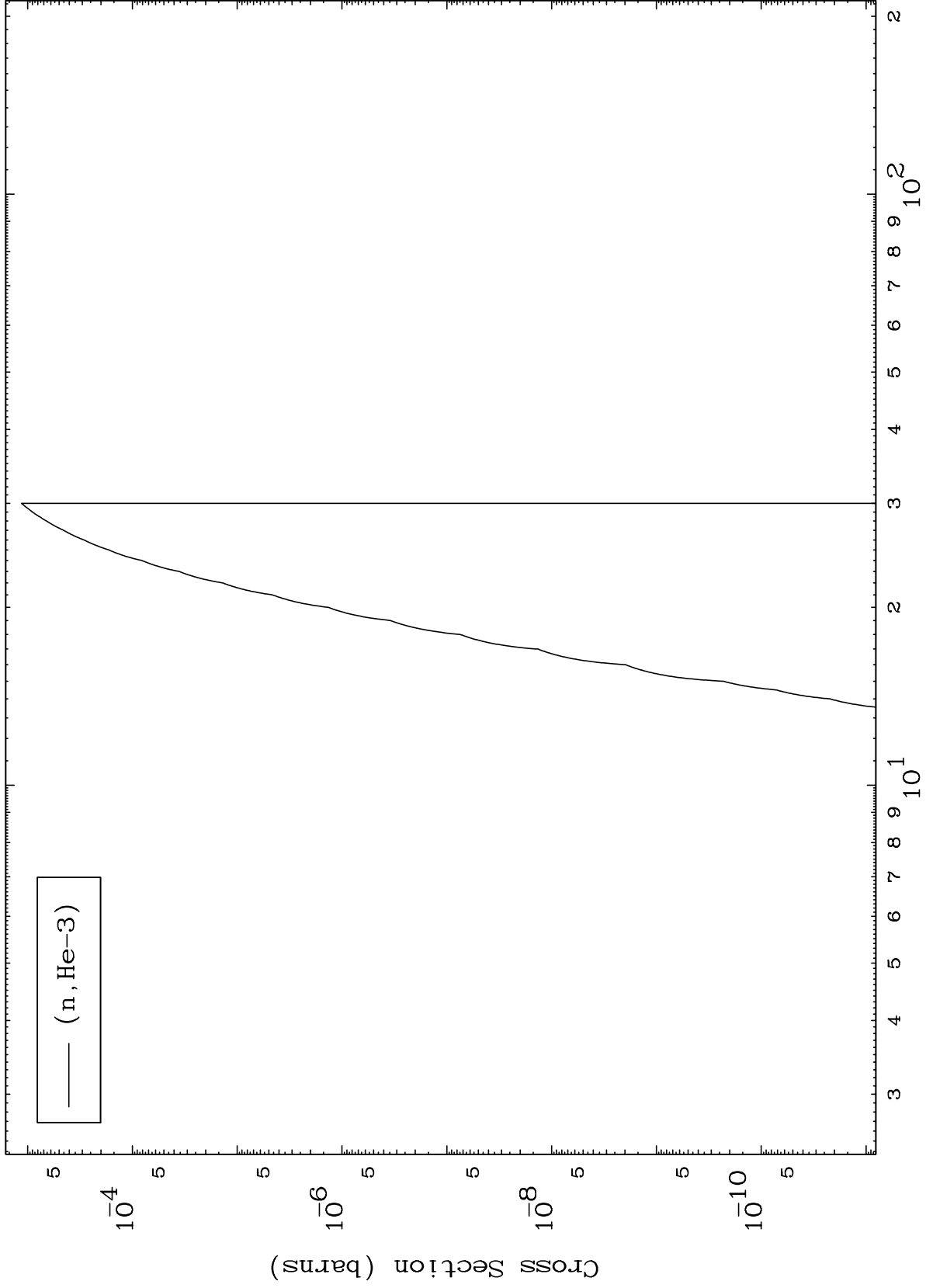
Incident Energy (MeV)

70-Yb-166

MAT 7019

(n,He3) Levels
293 Kelvin Cross Sections

70-Yb-166



13

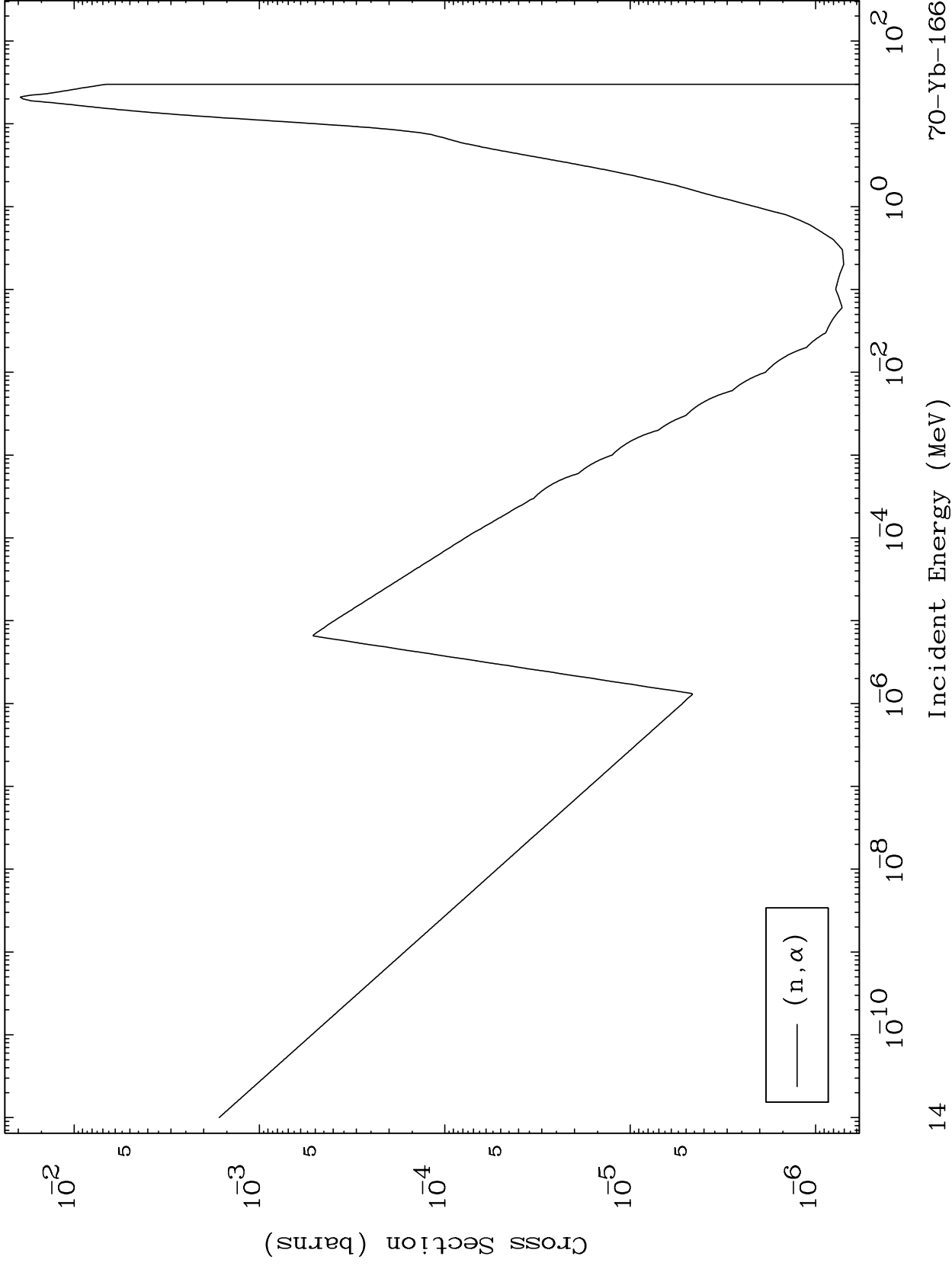
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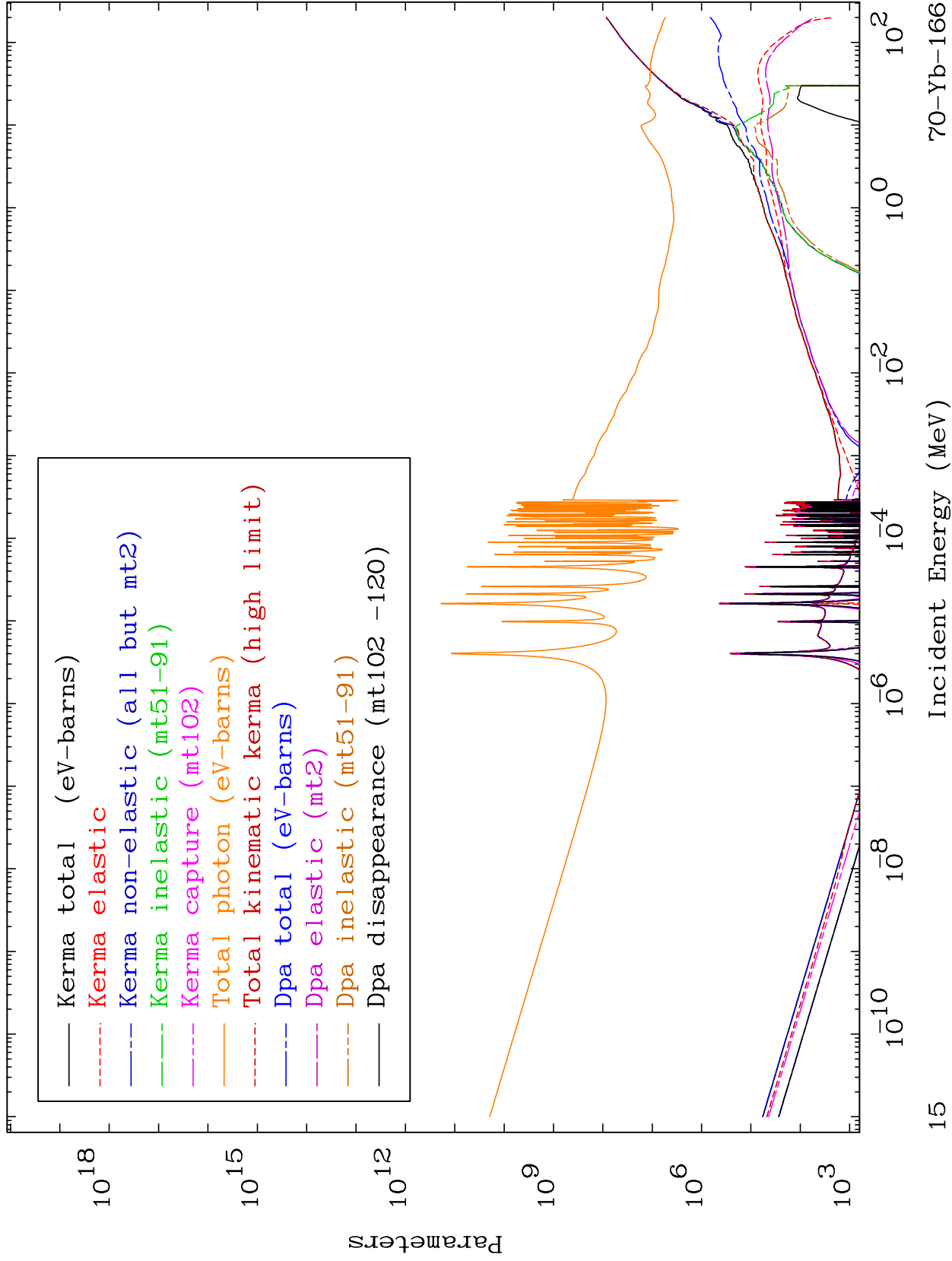
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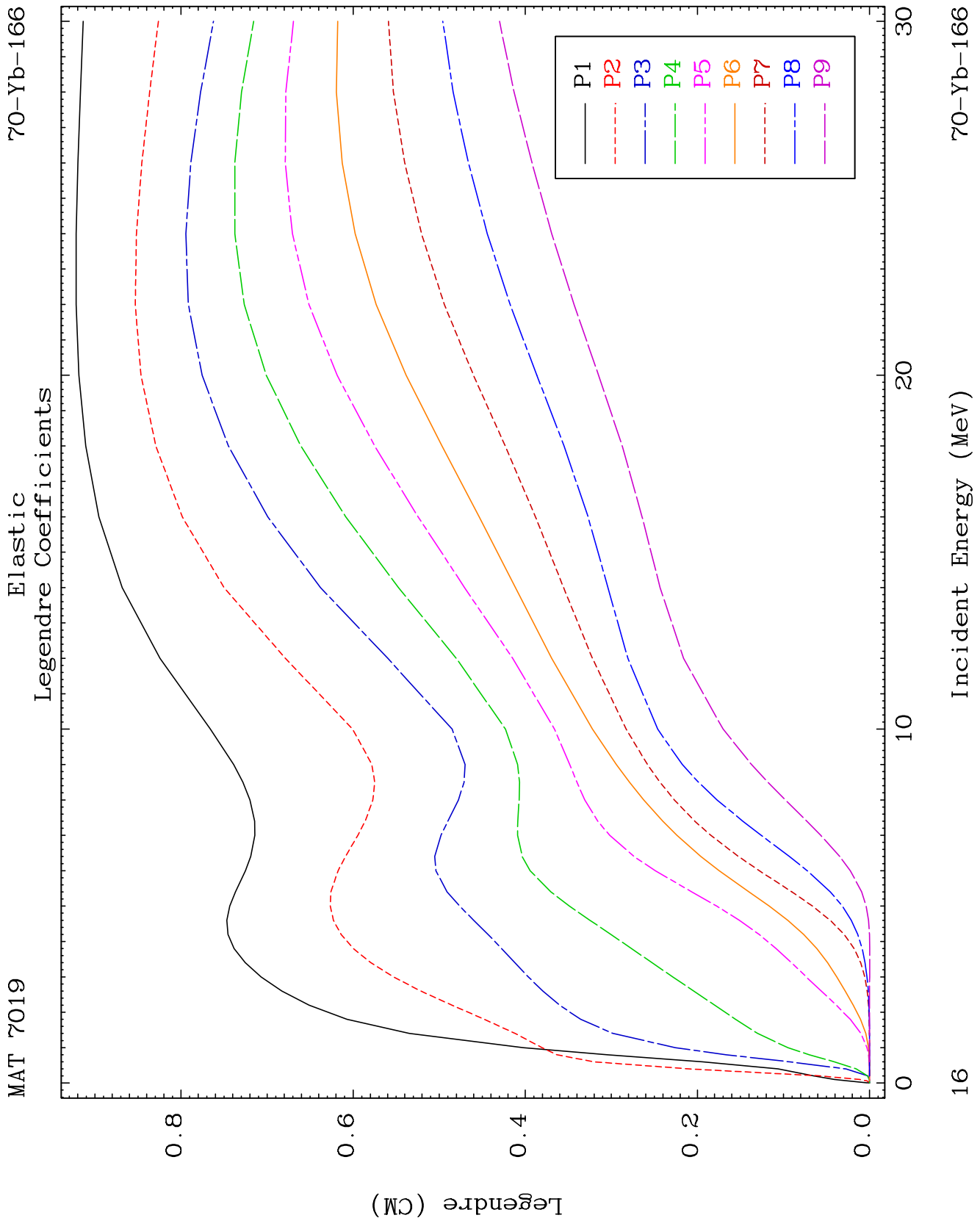
MAT 7019

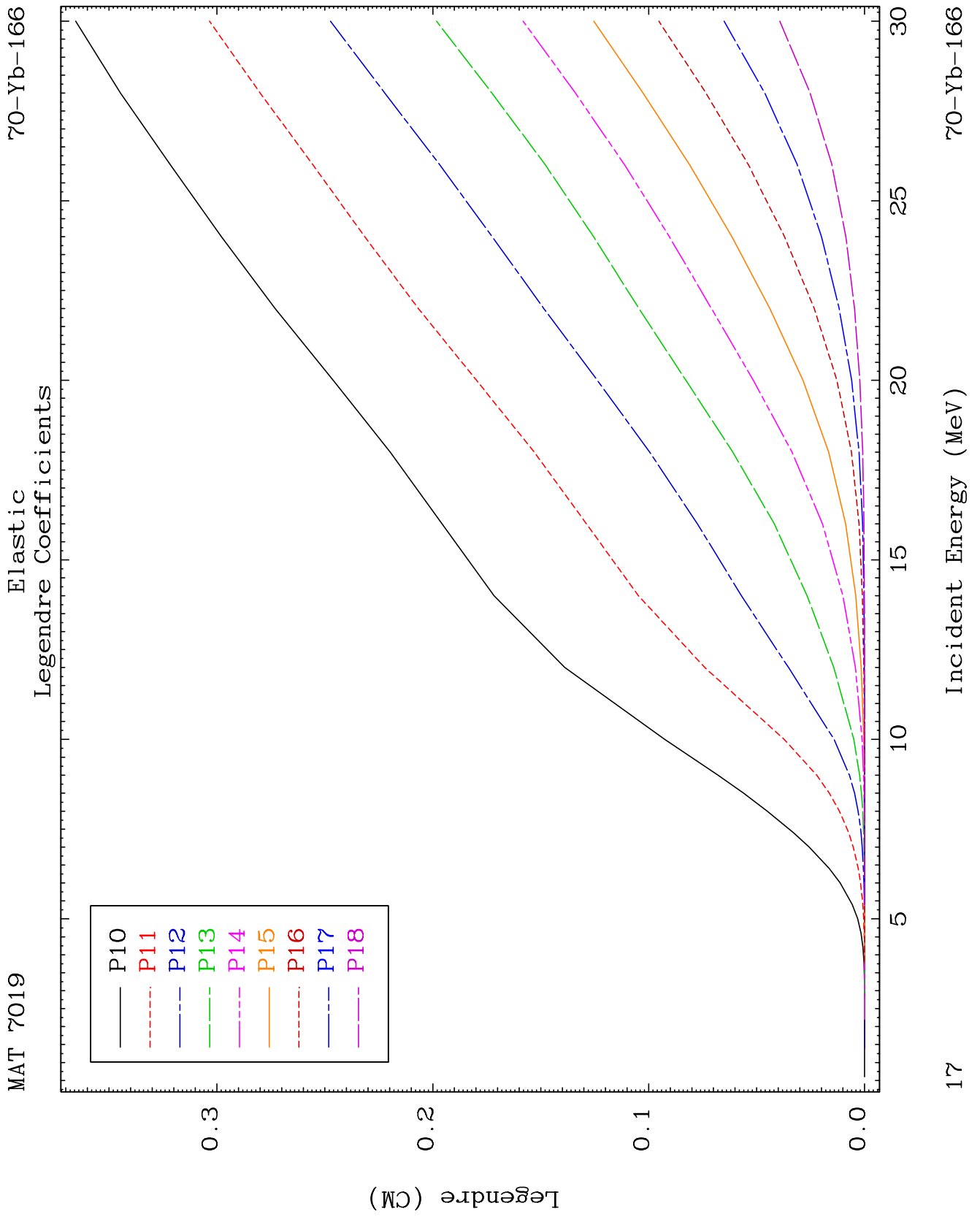
(n,α) Levels
293 Kelvin Cross Sections

70-Yb-166





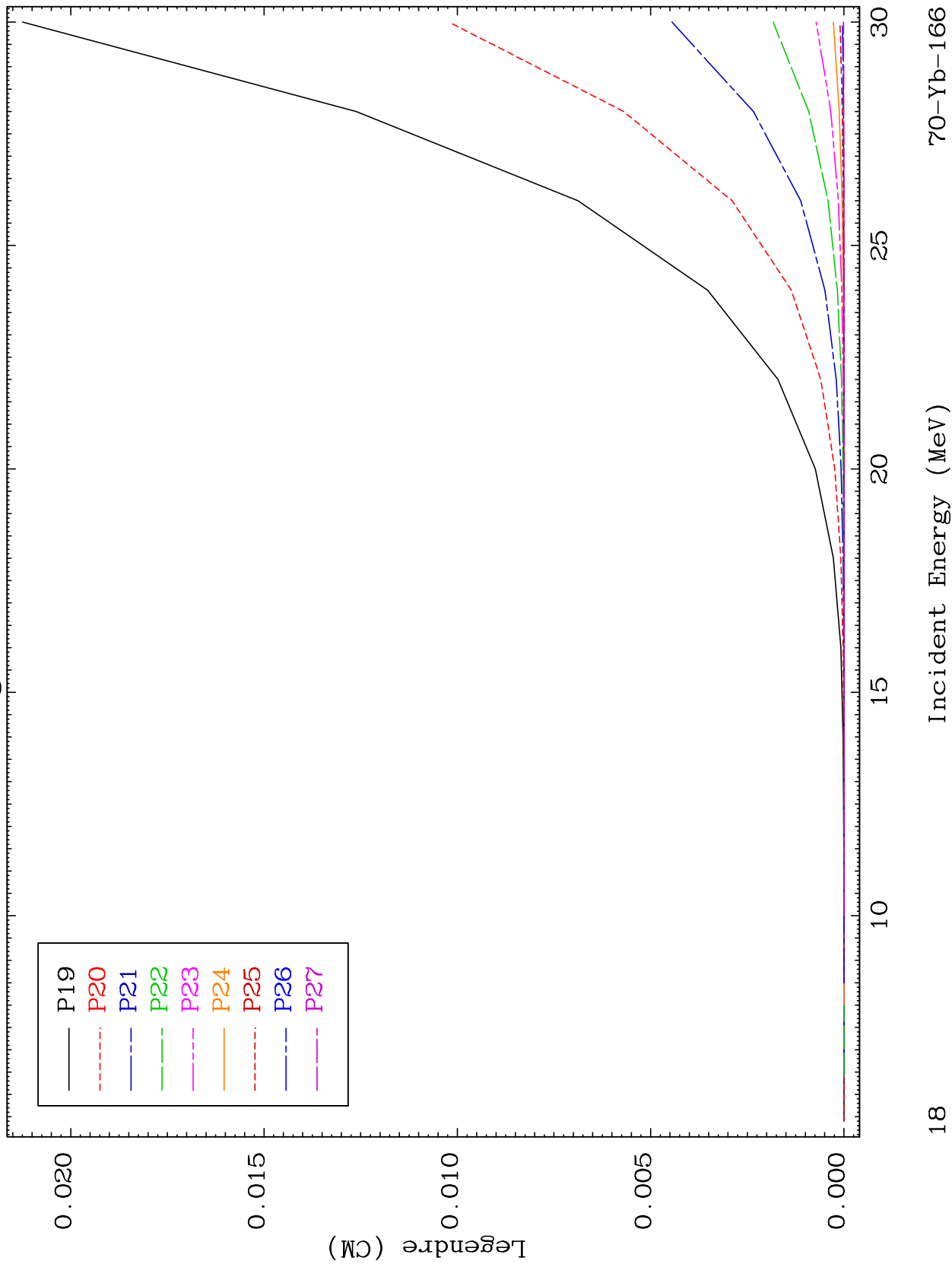




MAT 7019

Elastic Legendre Coefficients

70-Yb-166



18

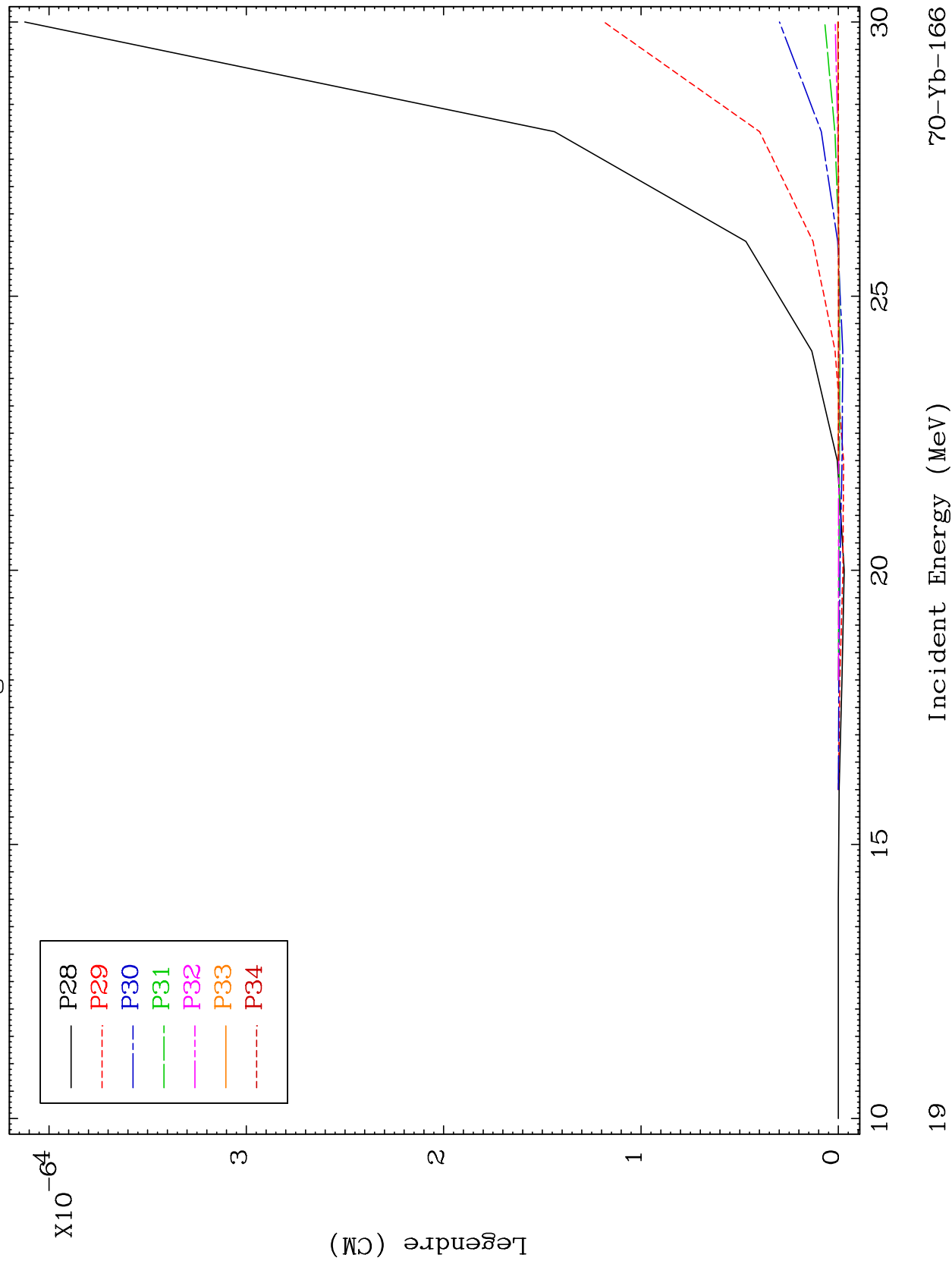
Incident Energy (MeV)

70-Yb-166

MAT 7019

Elastic
Legendre Coefficients

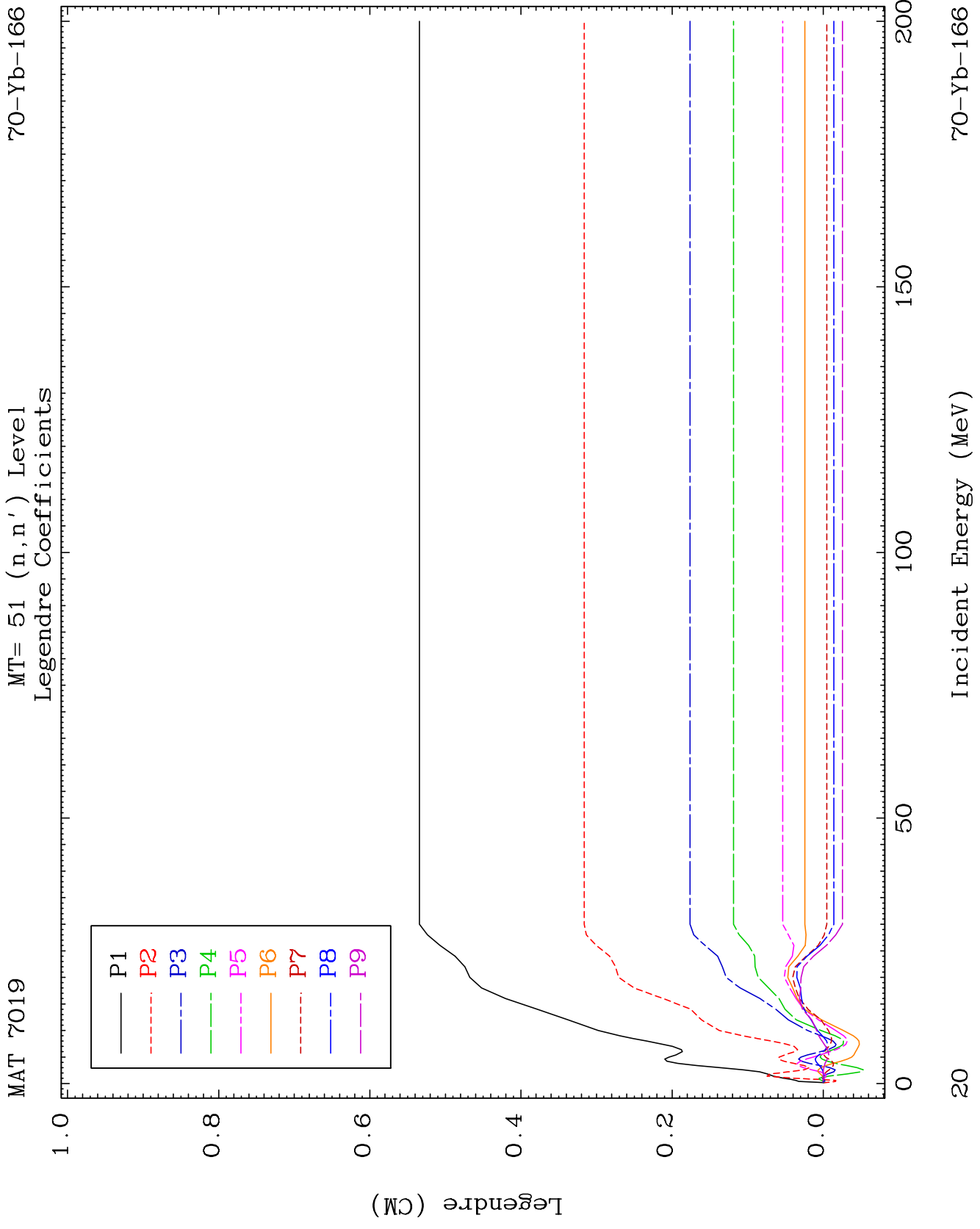
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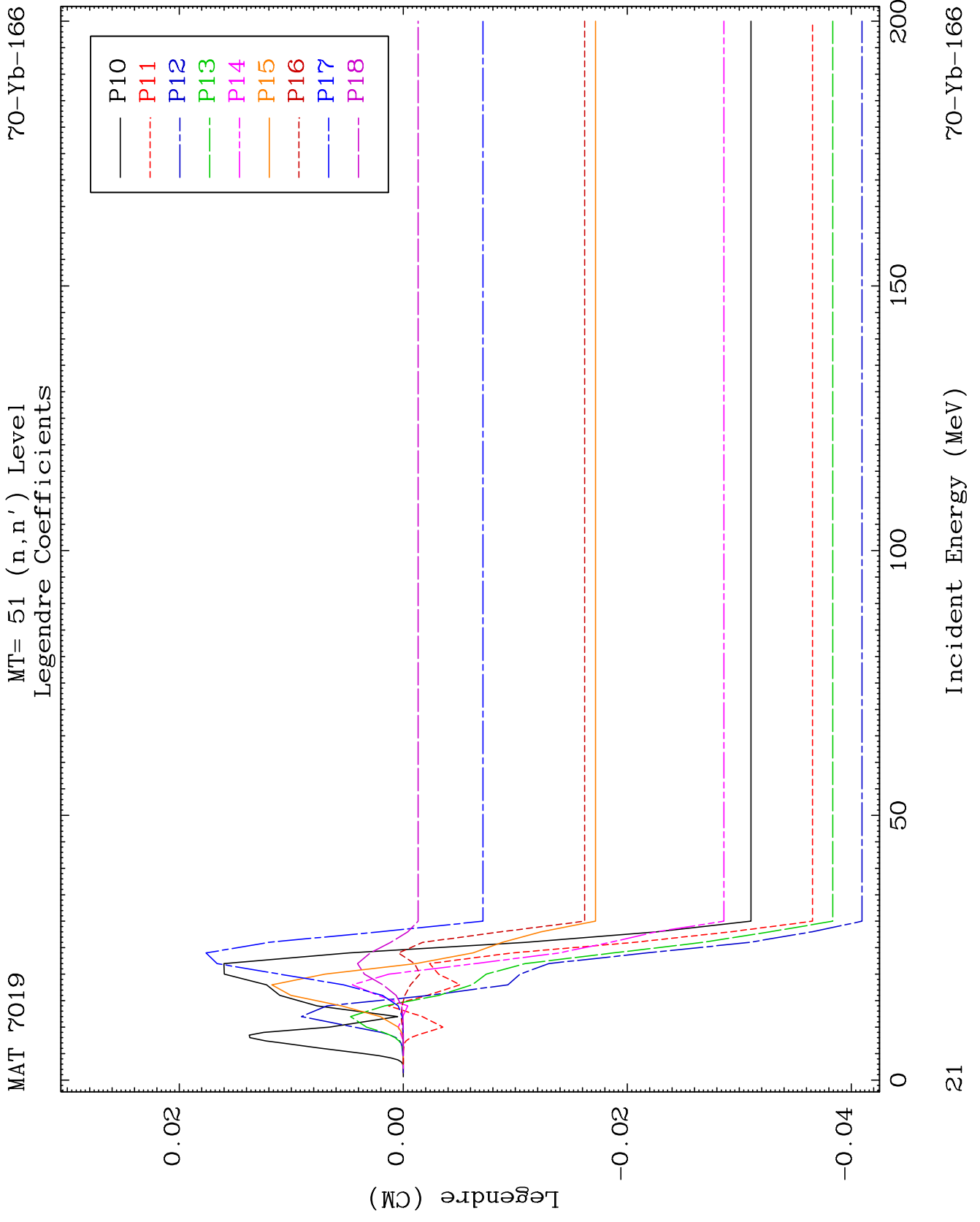


19

Incident Energy (MeV)

70-Yb-166

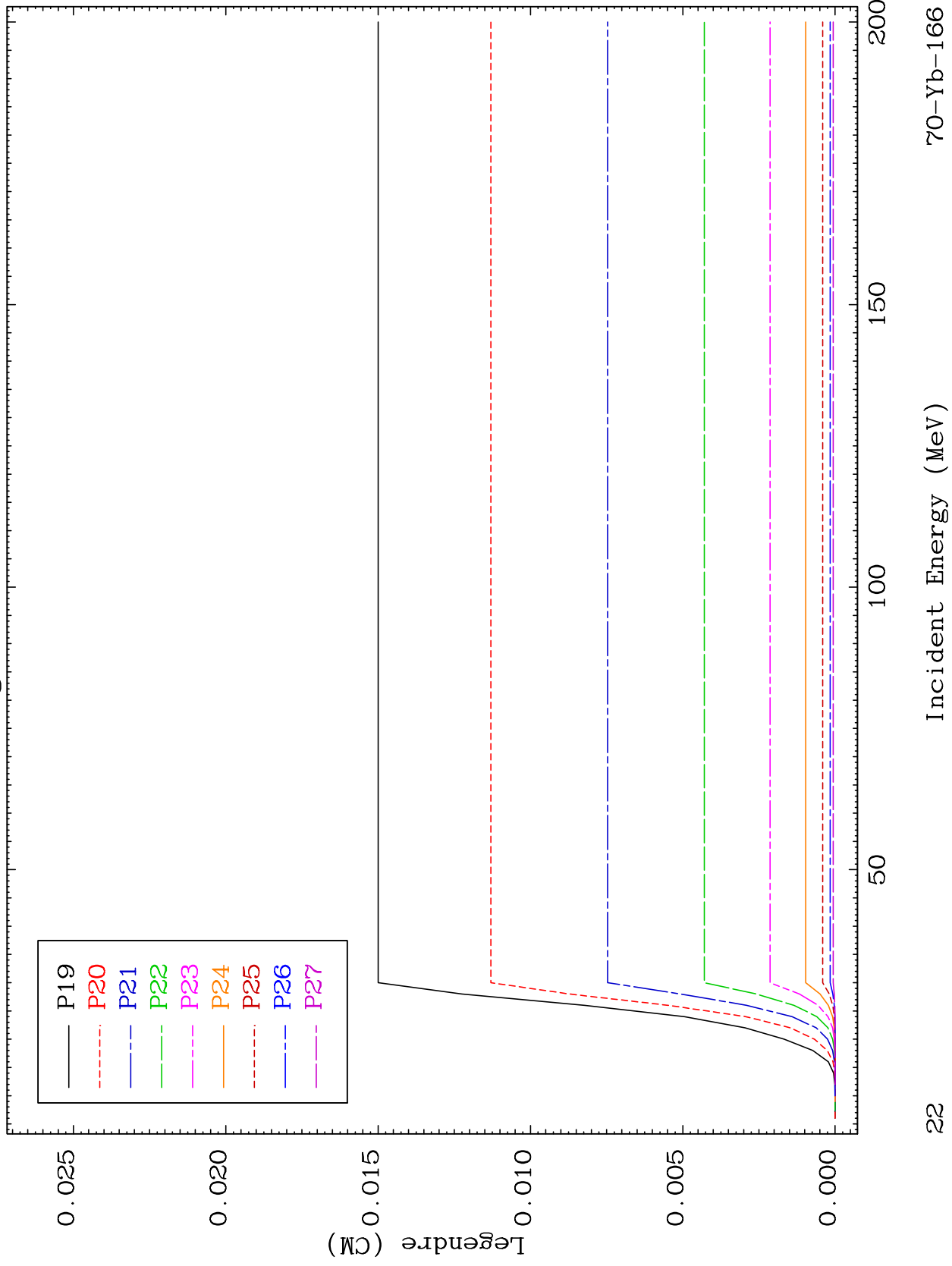


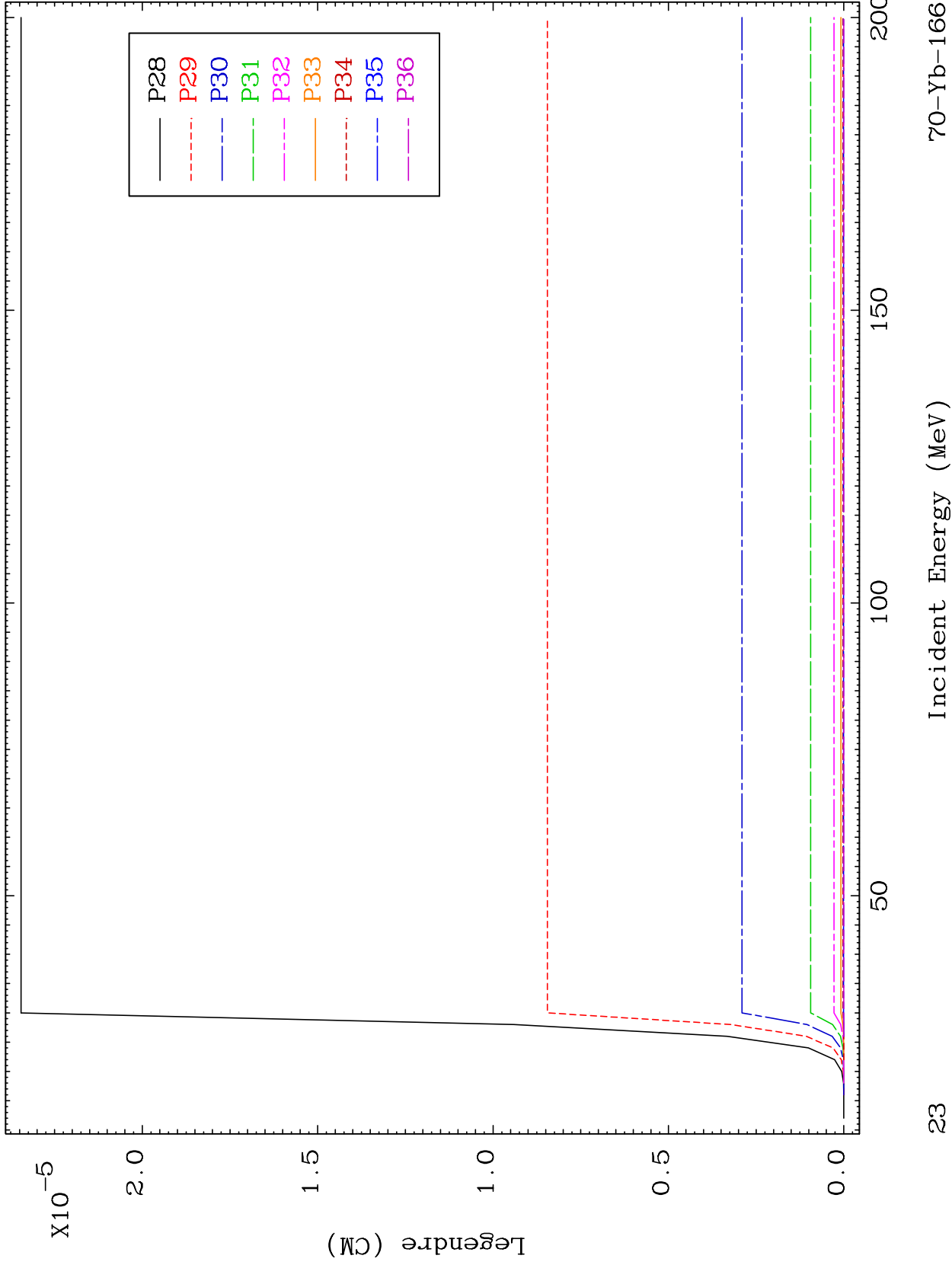


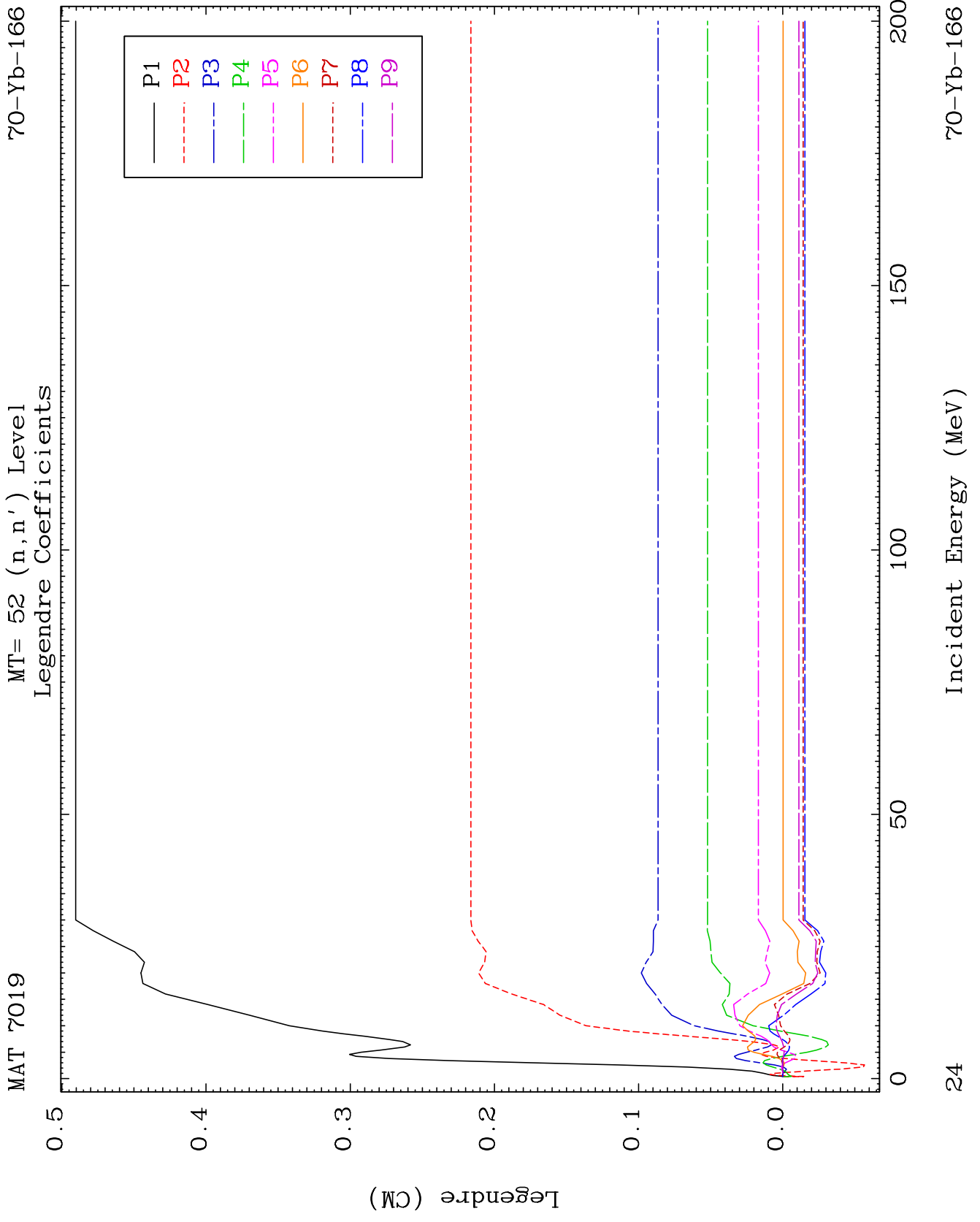
MAT 7019

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

70-Yb-166



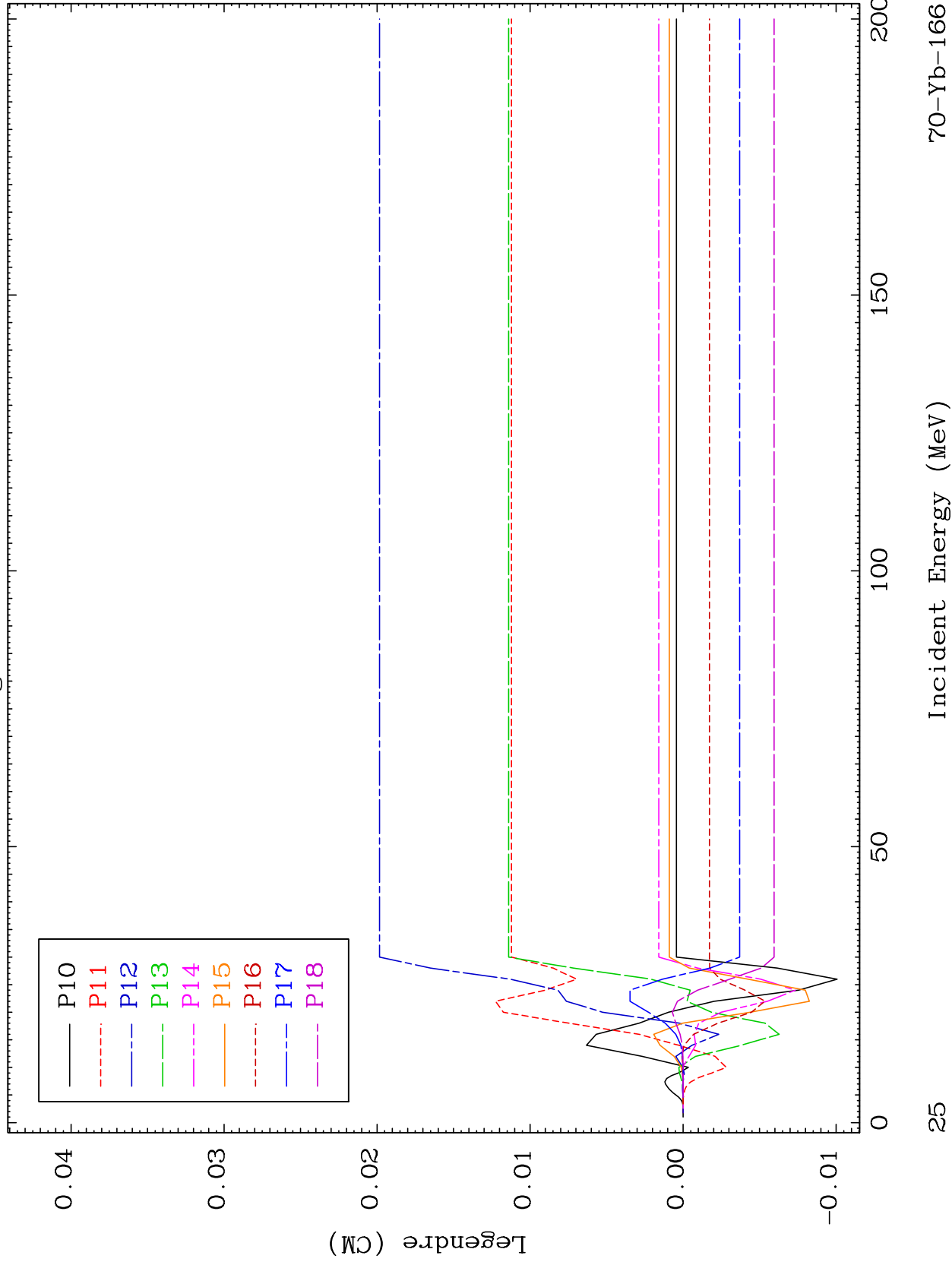




MAT 7019

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Legendre Coefficients

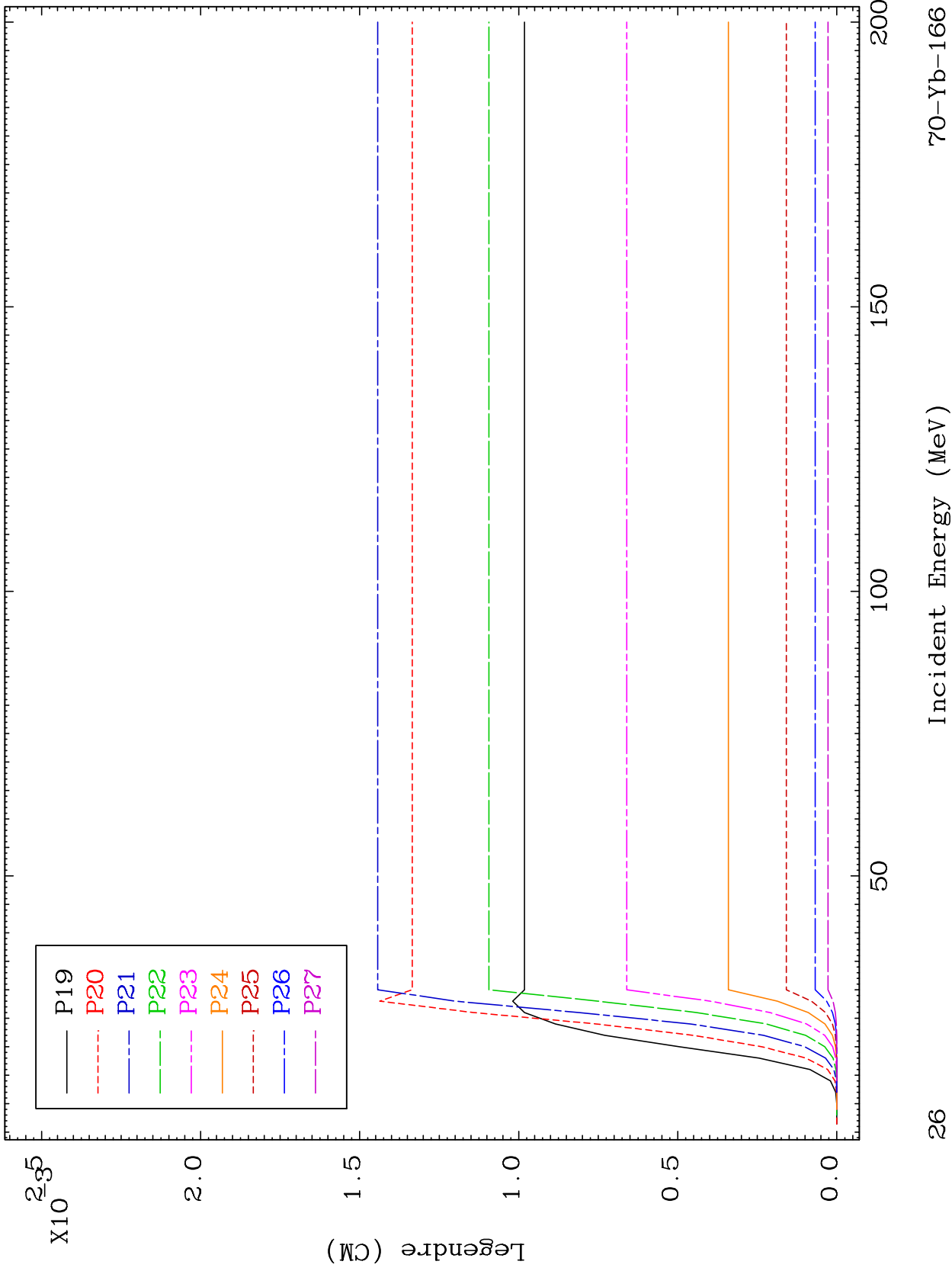
70-Yb-166



70-Yb-166

Incident Energy (MeV)

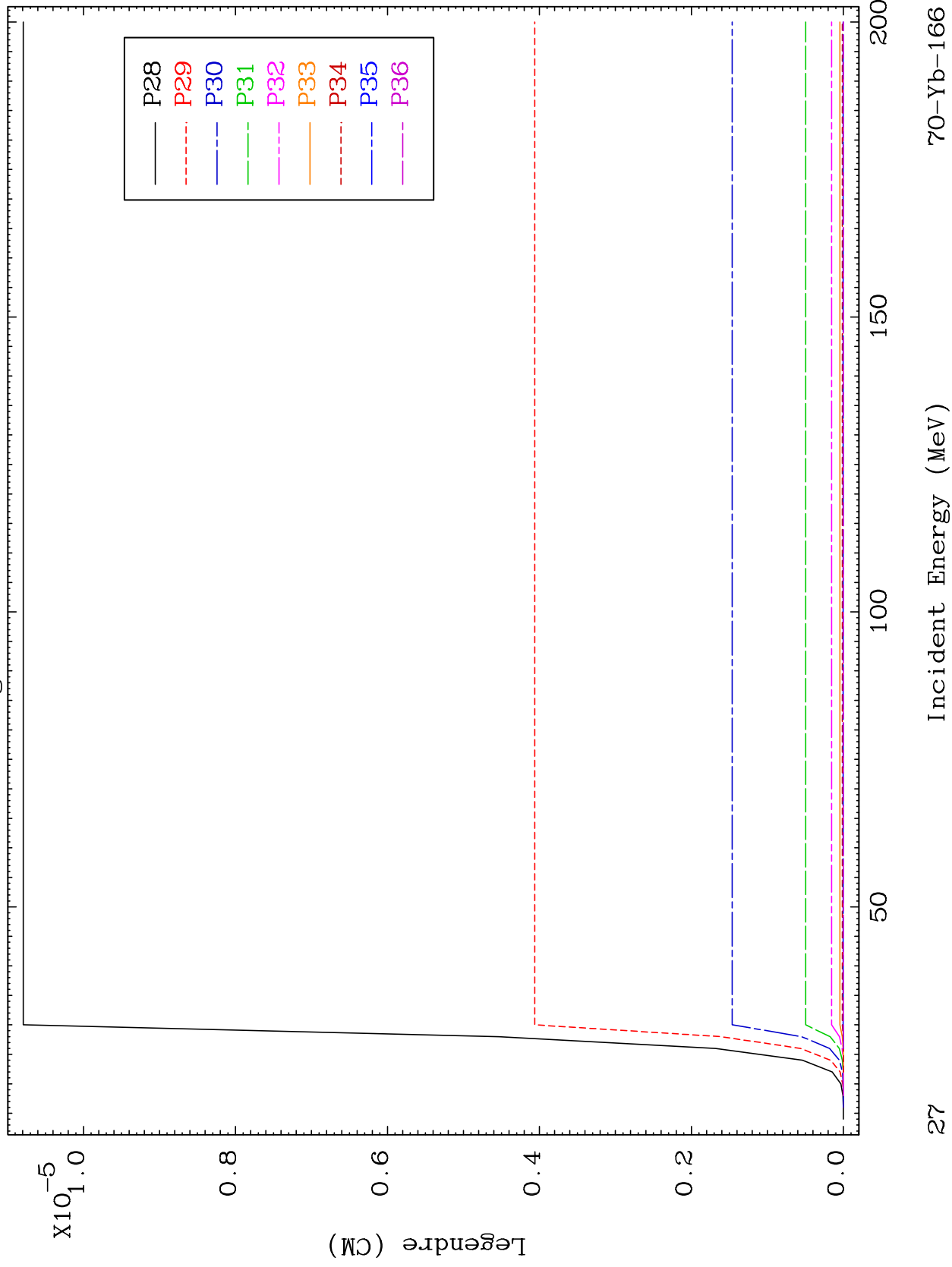
25



MAT 7019

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

70-Yb-166

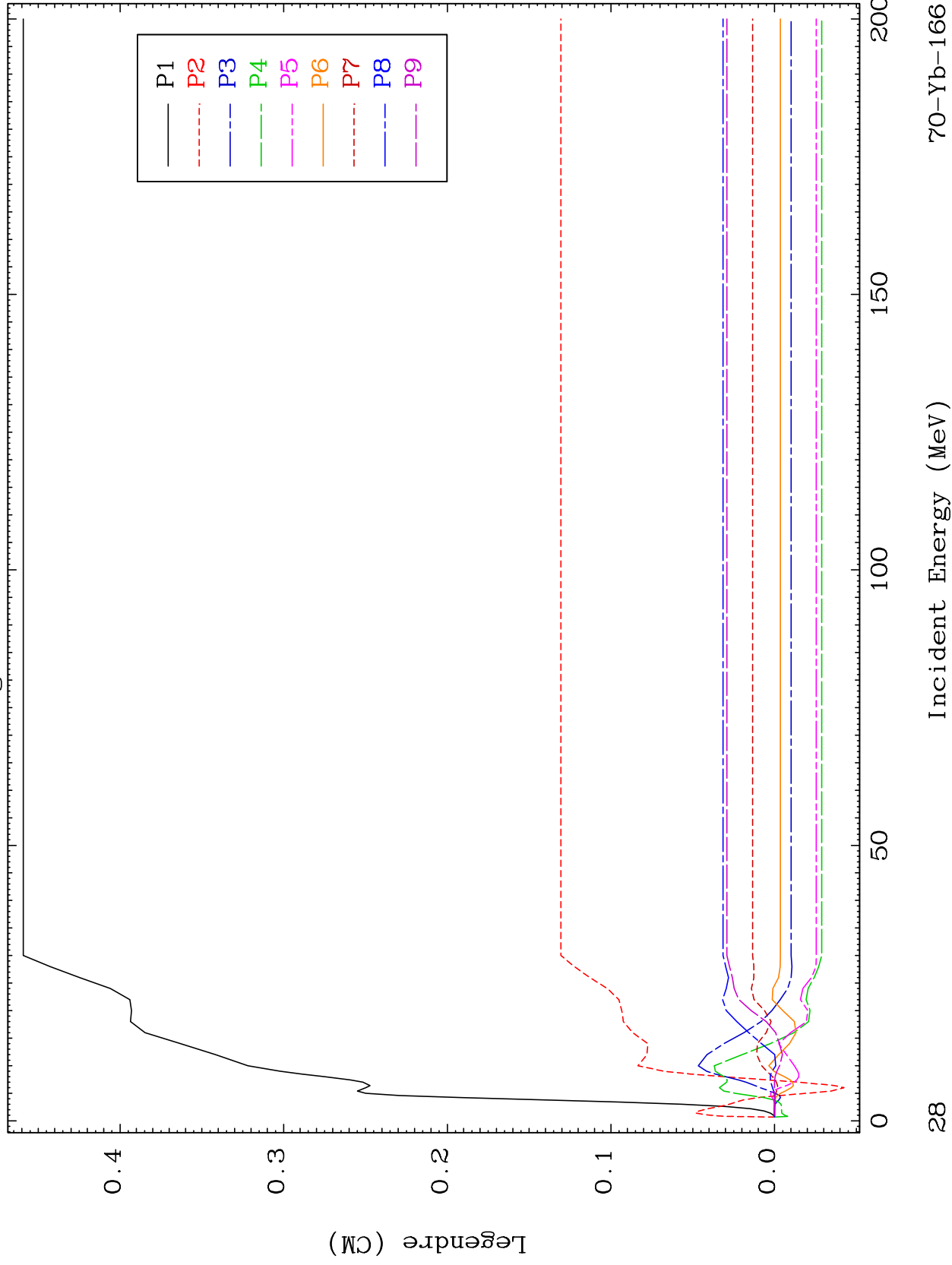


27

MAT 7019

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

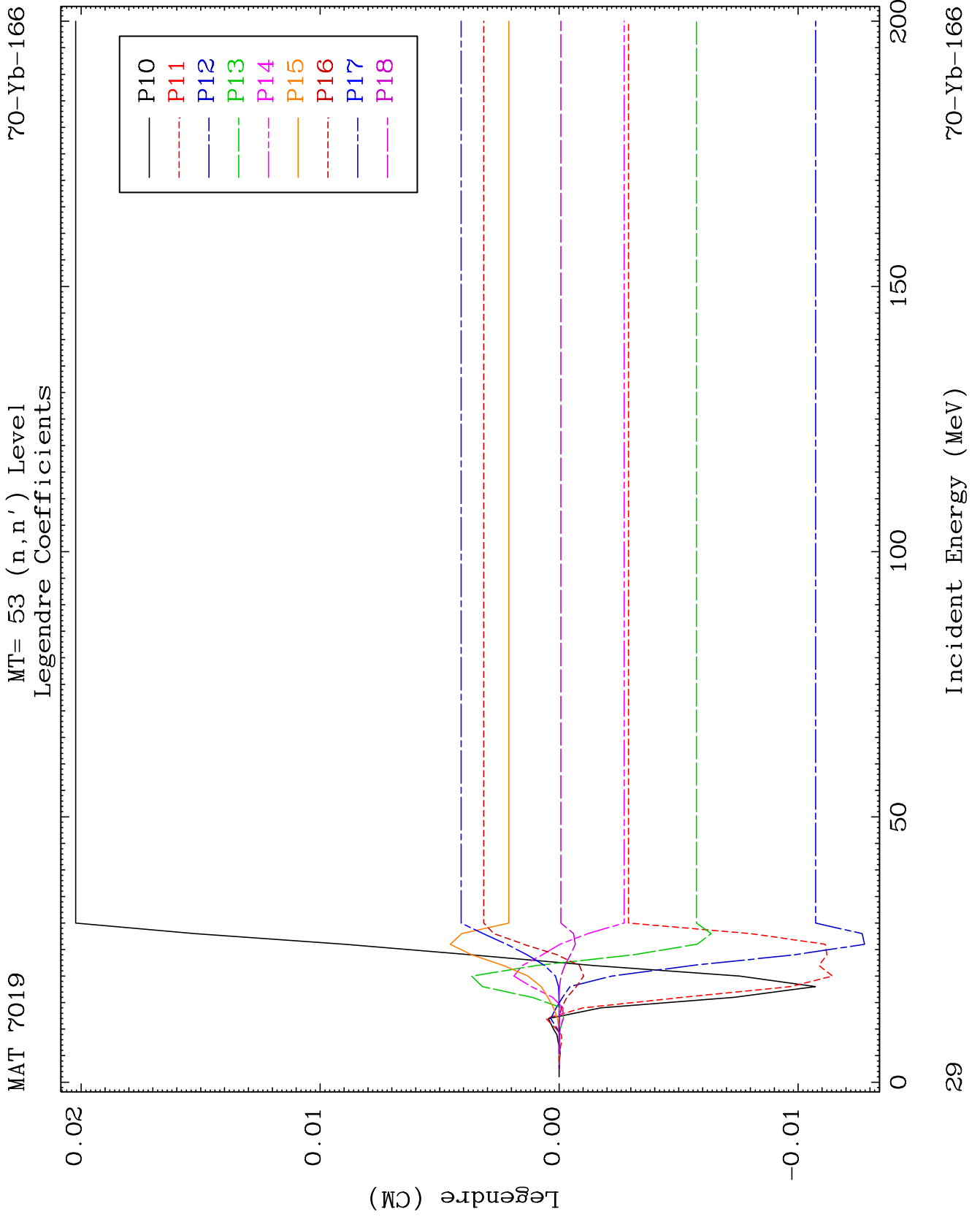
70-Yb-166



70-Yb-166

Incident Energy (MeV)

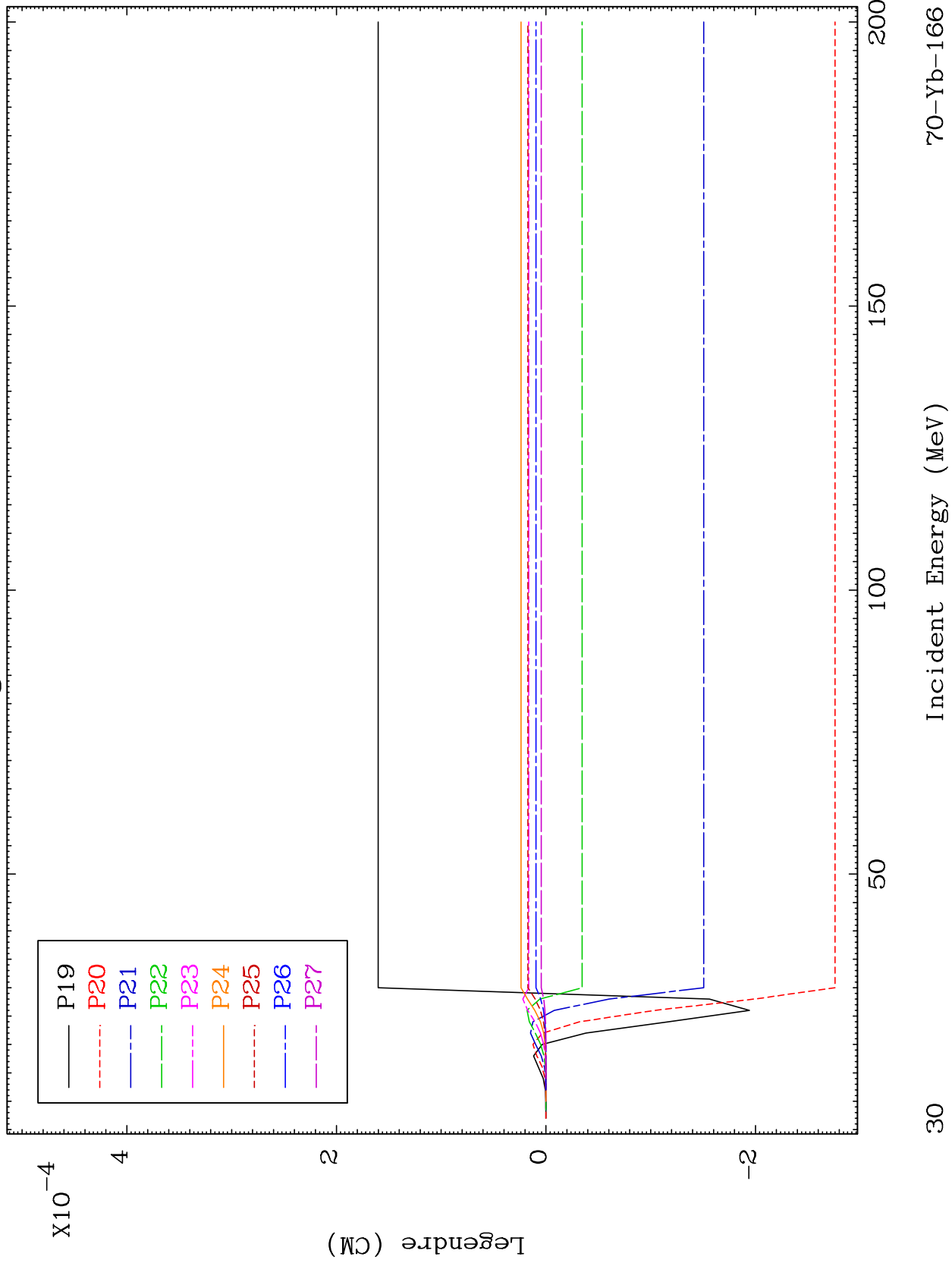
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MAT 7019

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

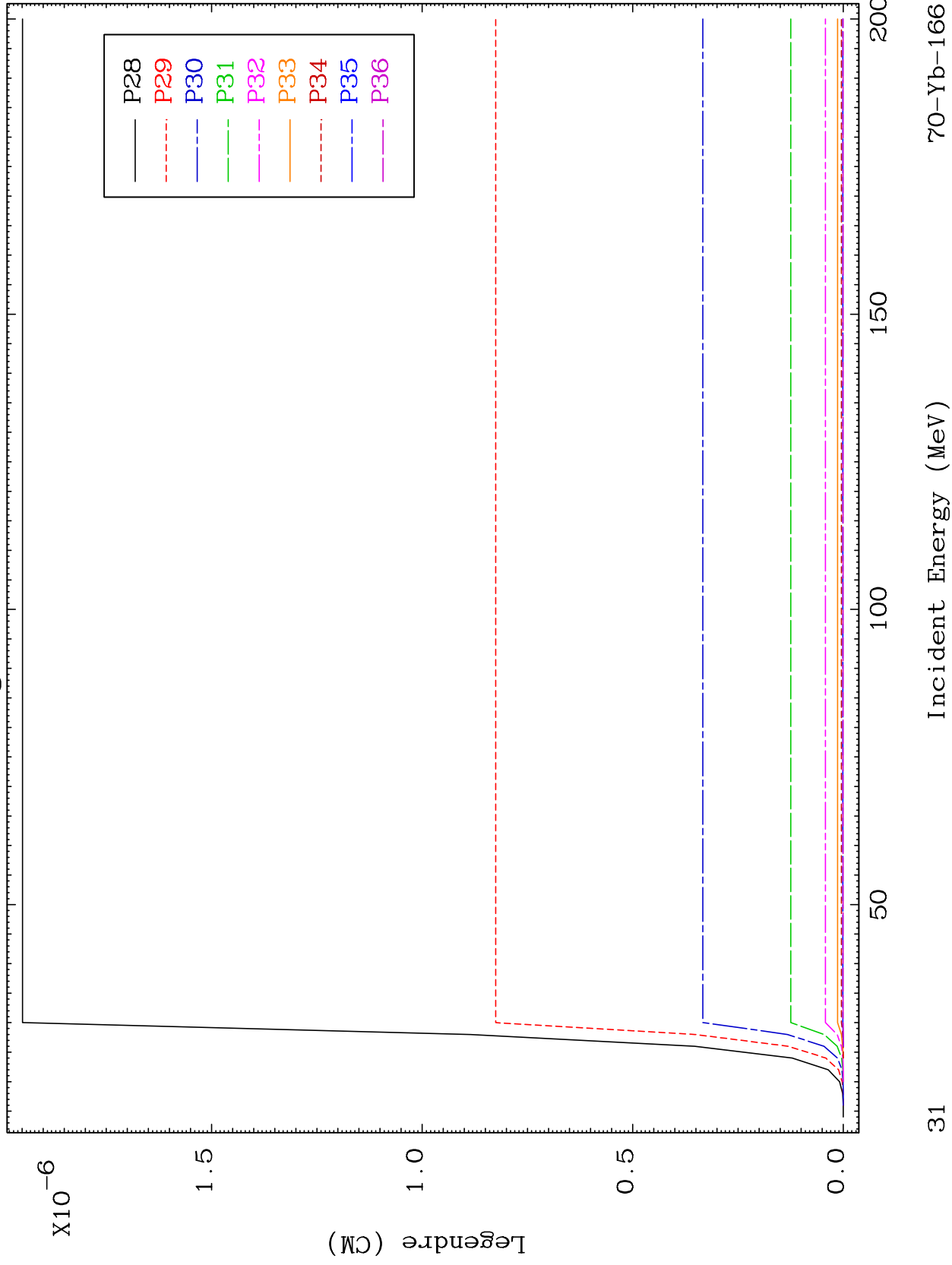
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MAT 7019

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

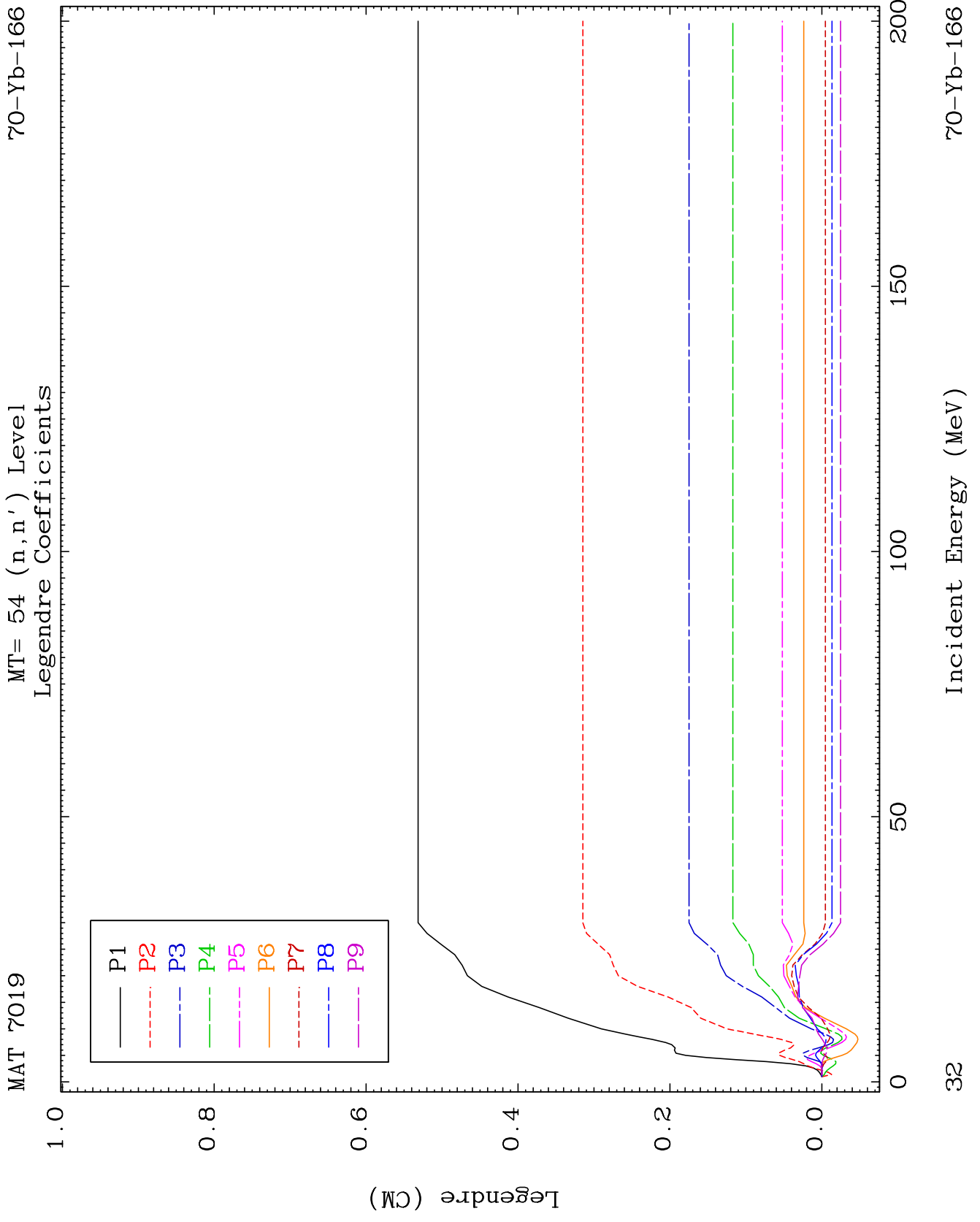
70-Yb-166



31

Incident Energy (MeV)

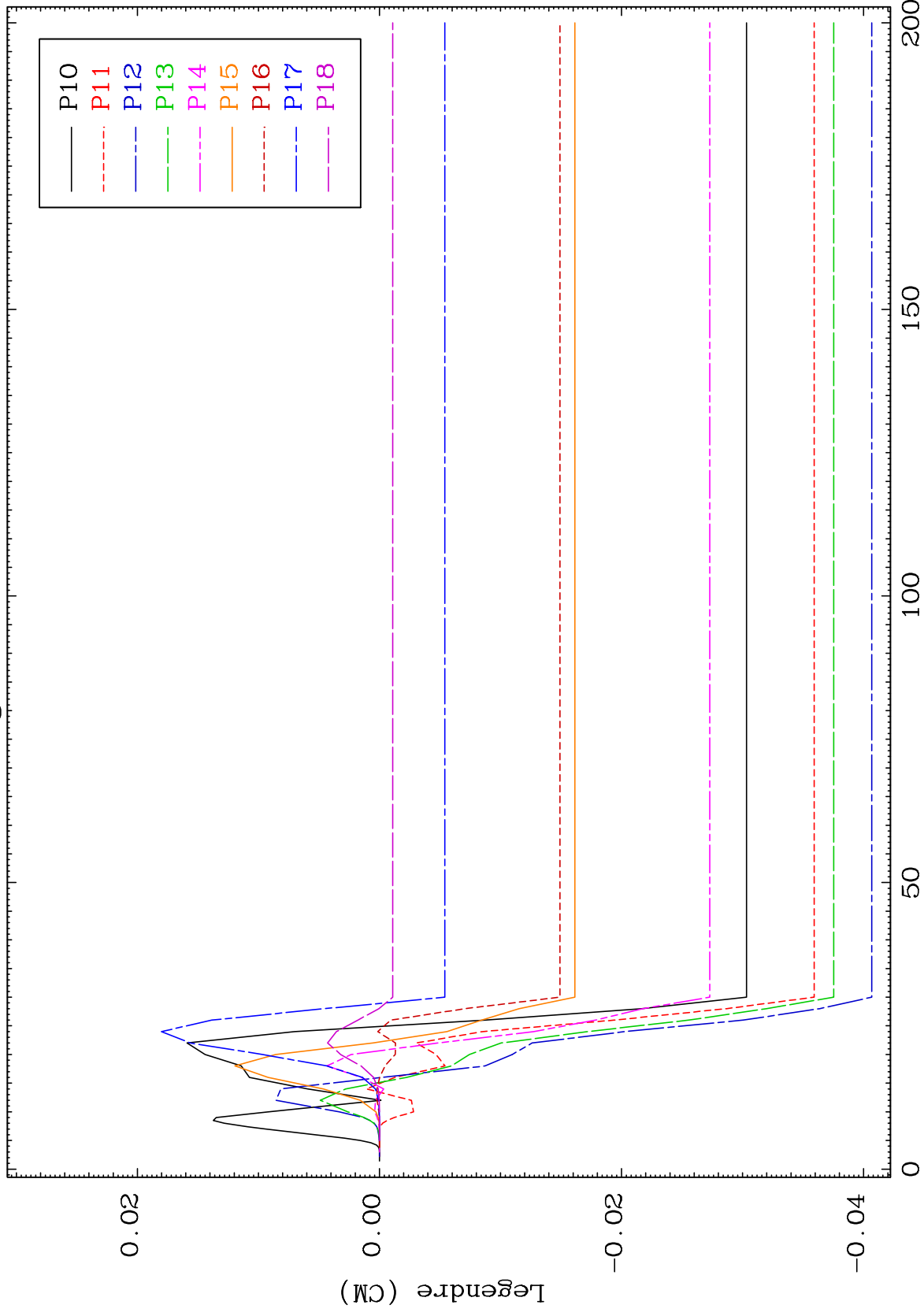
70-Yb-166



MAT 7019

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

70-Yb-166



33

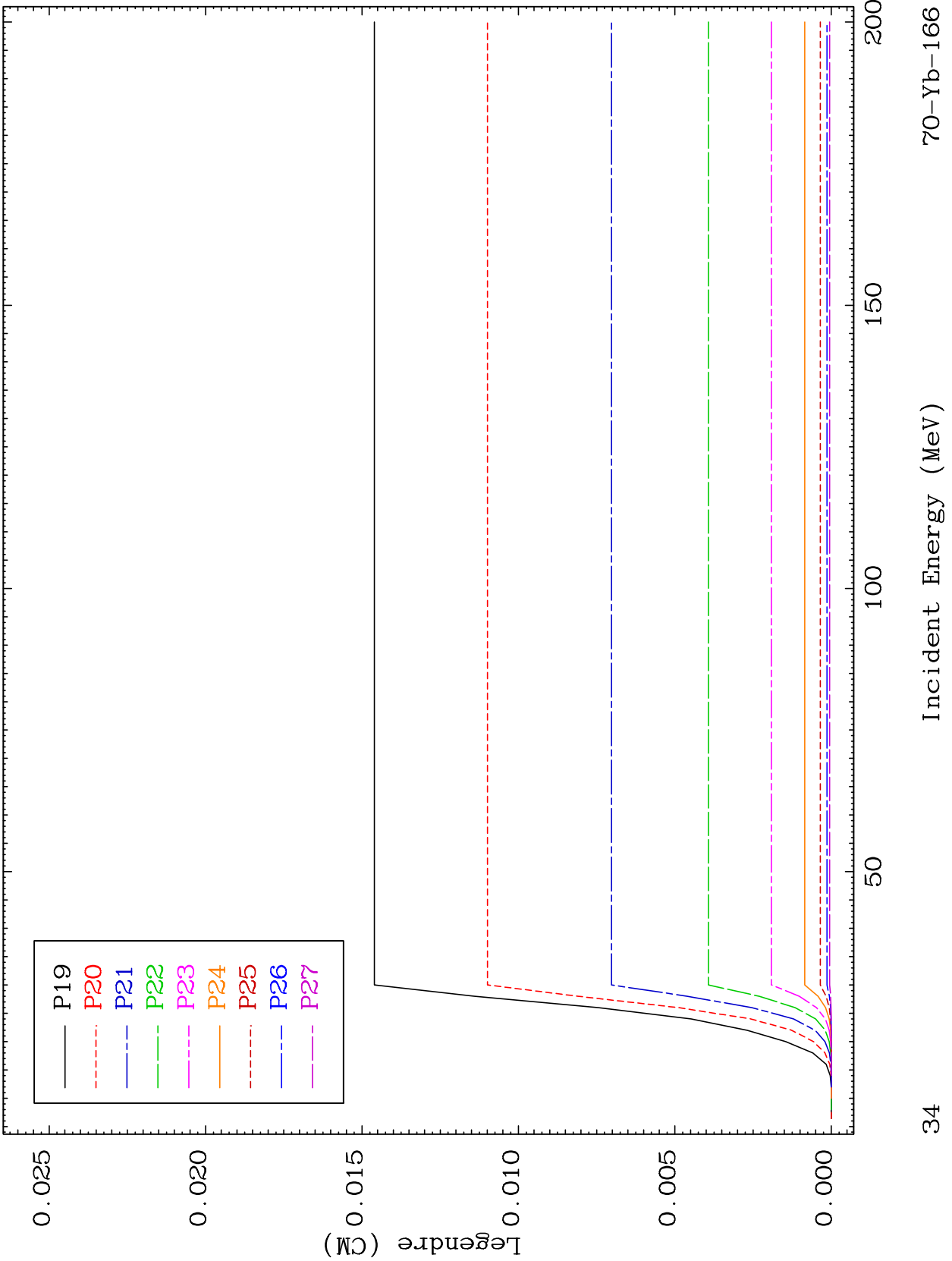
Incident Energy (MeV)

70-Yb-166

MAT 7019

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

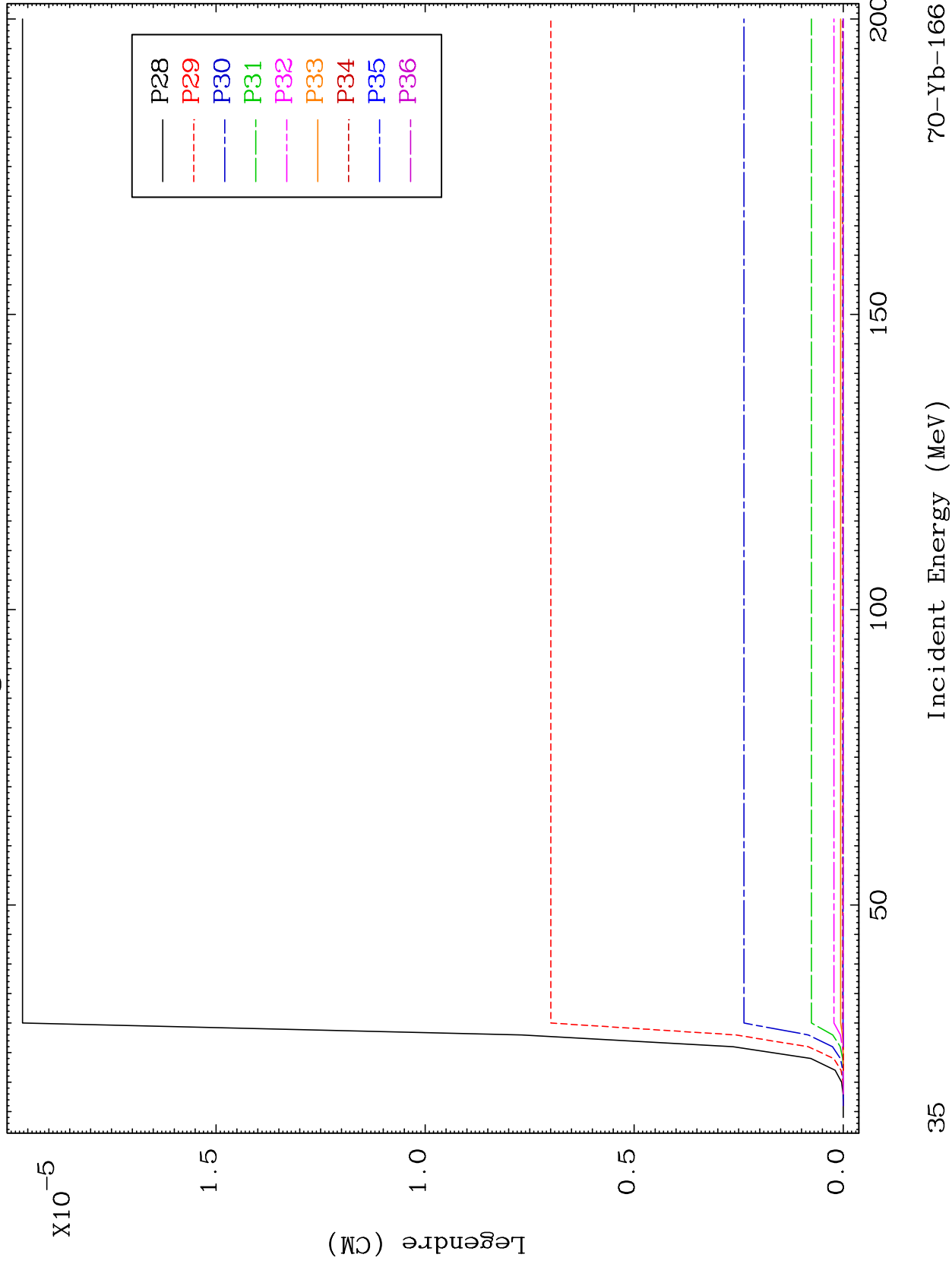
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MAT 7019

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

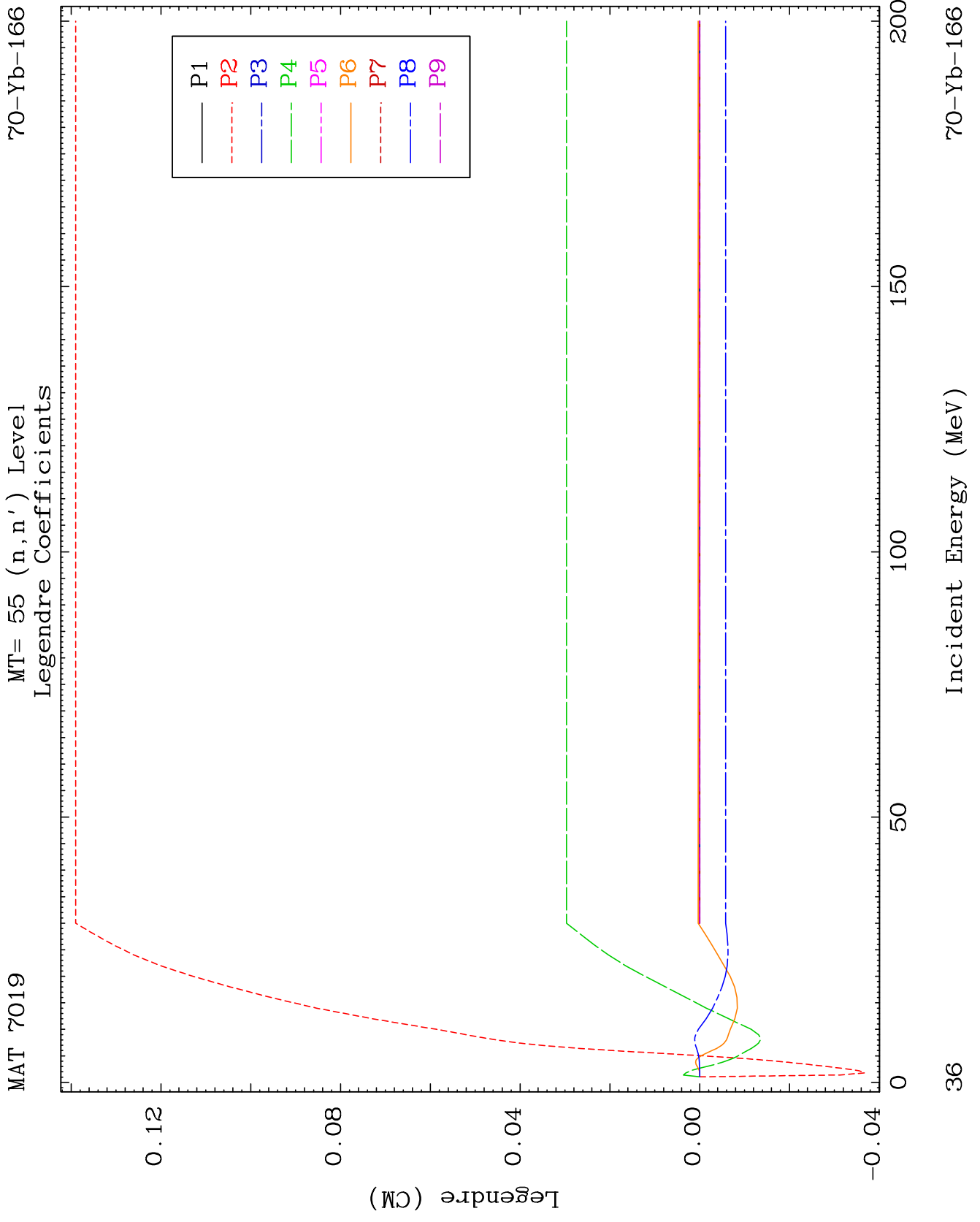
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35

Incident Energy (MeV)

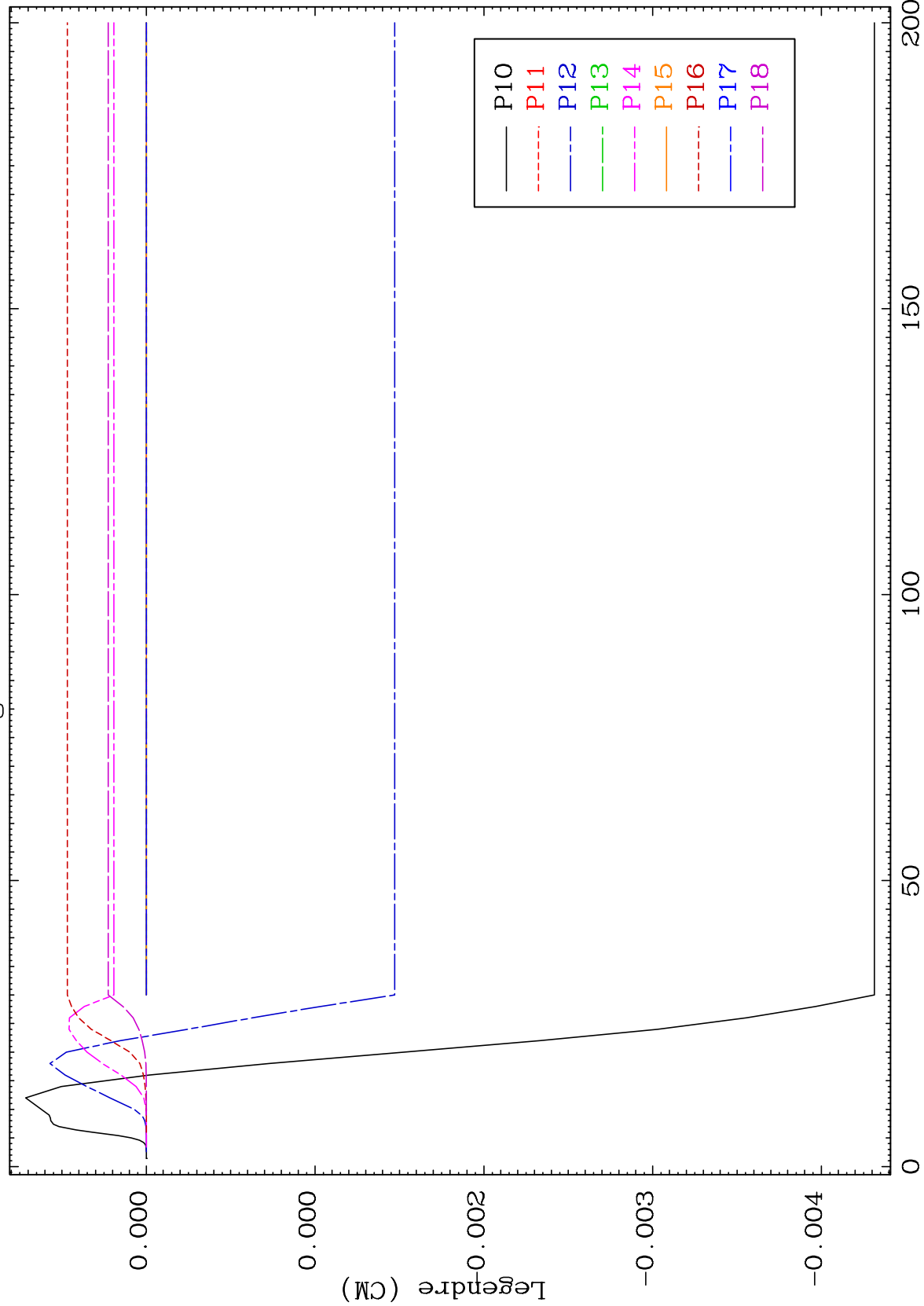
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MAT 7019

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

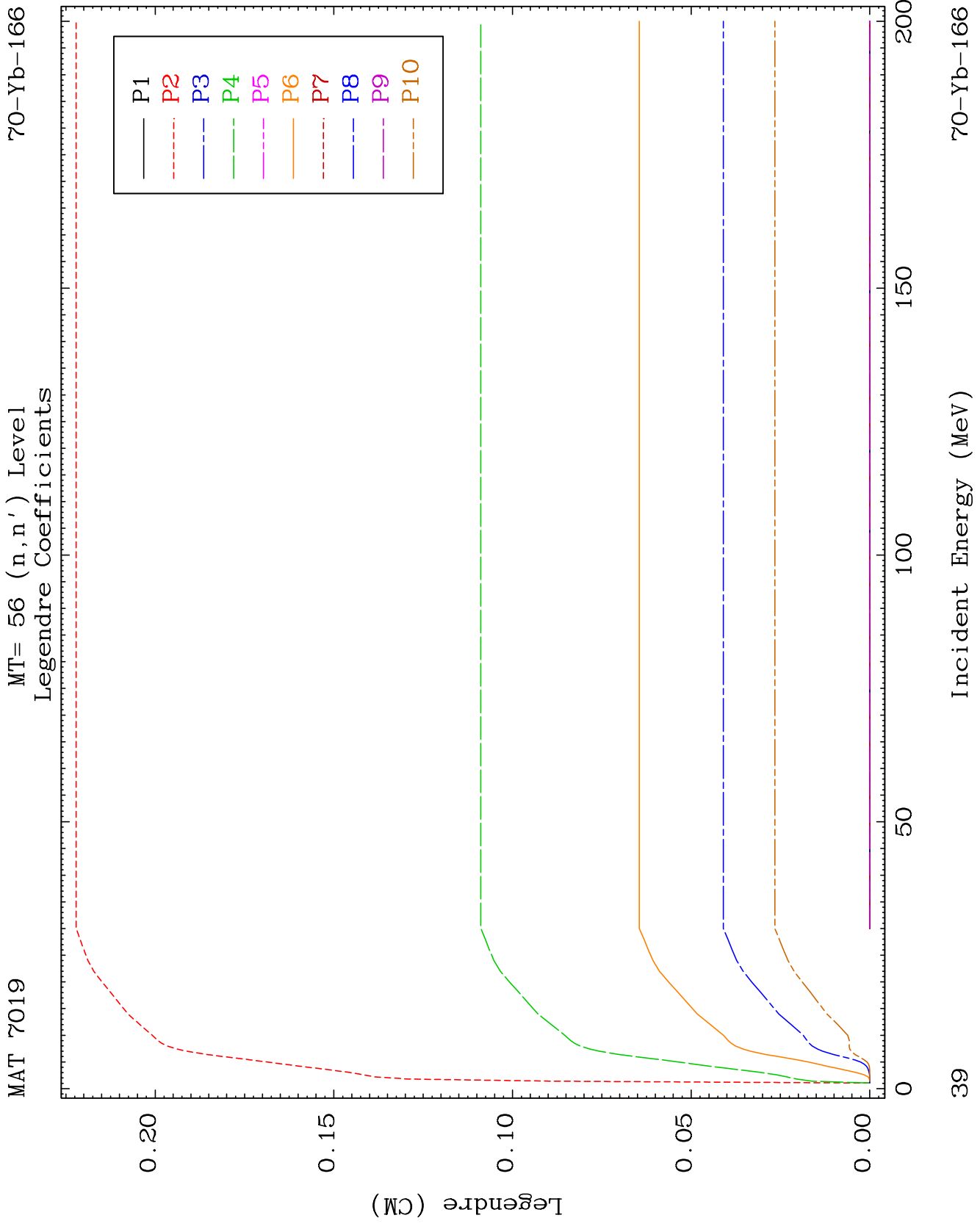
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37

Incident Energy (MeV)

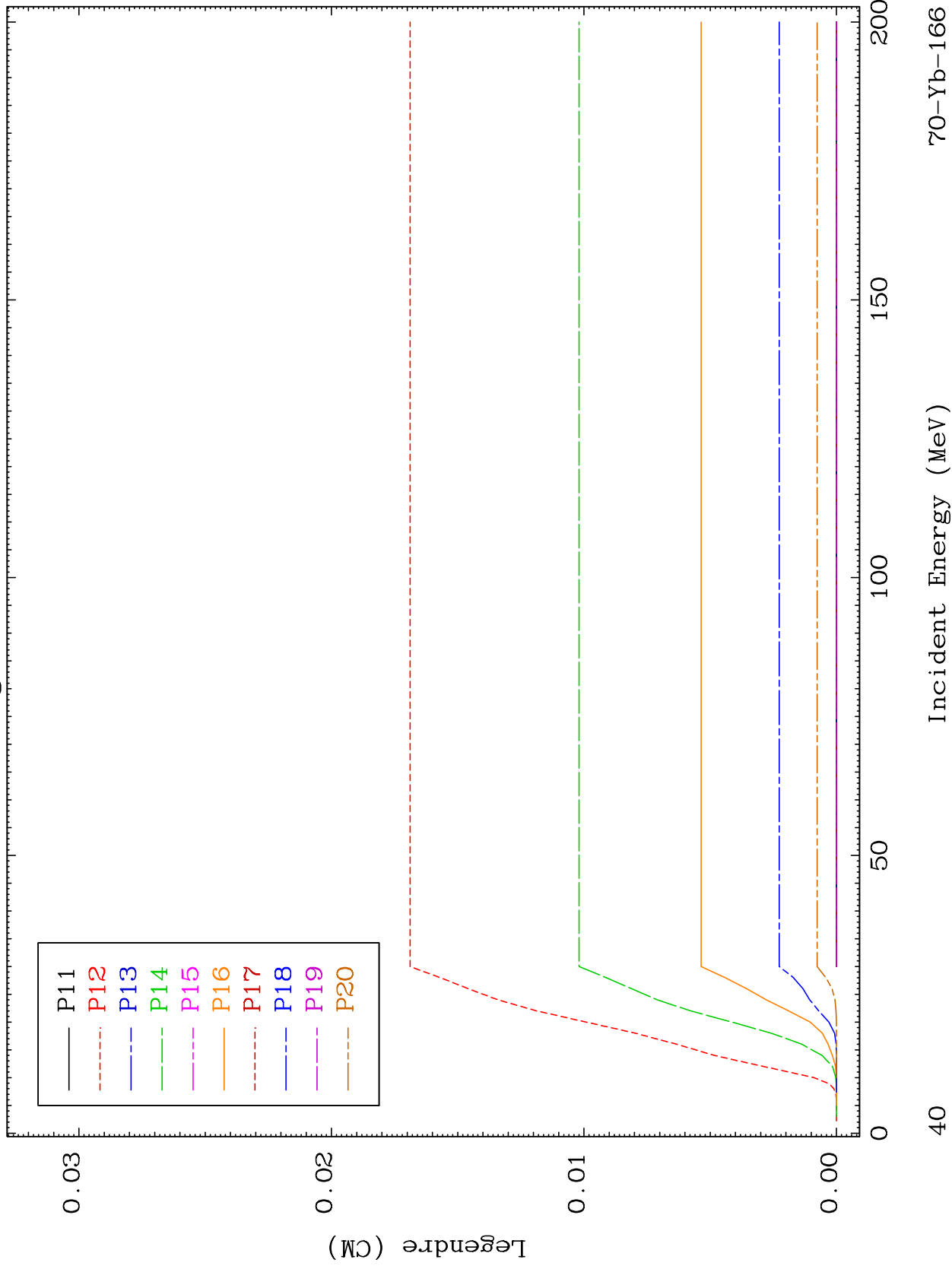
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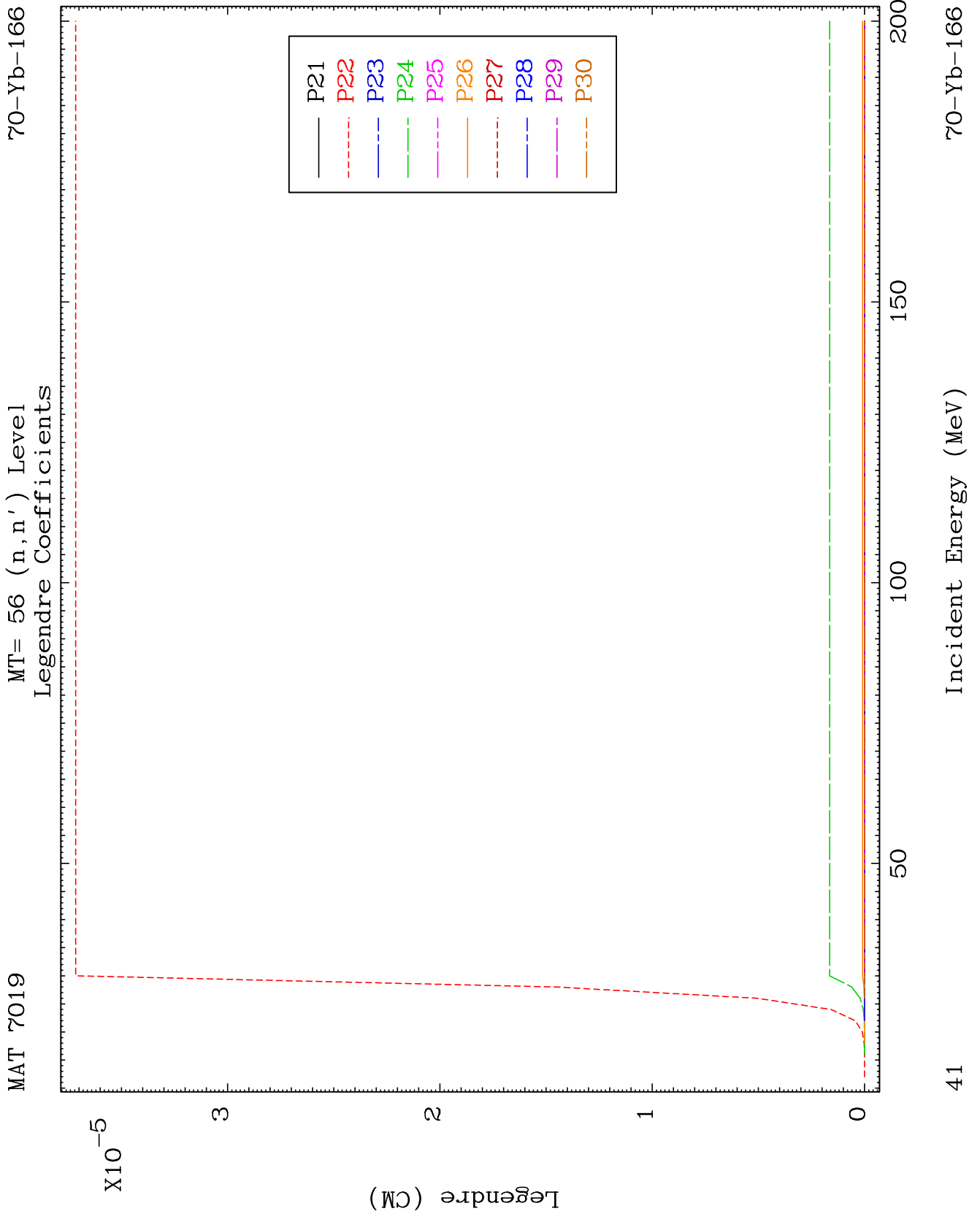


MAT 7019

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

70-Yb-166

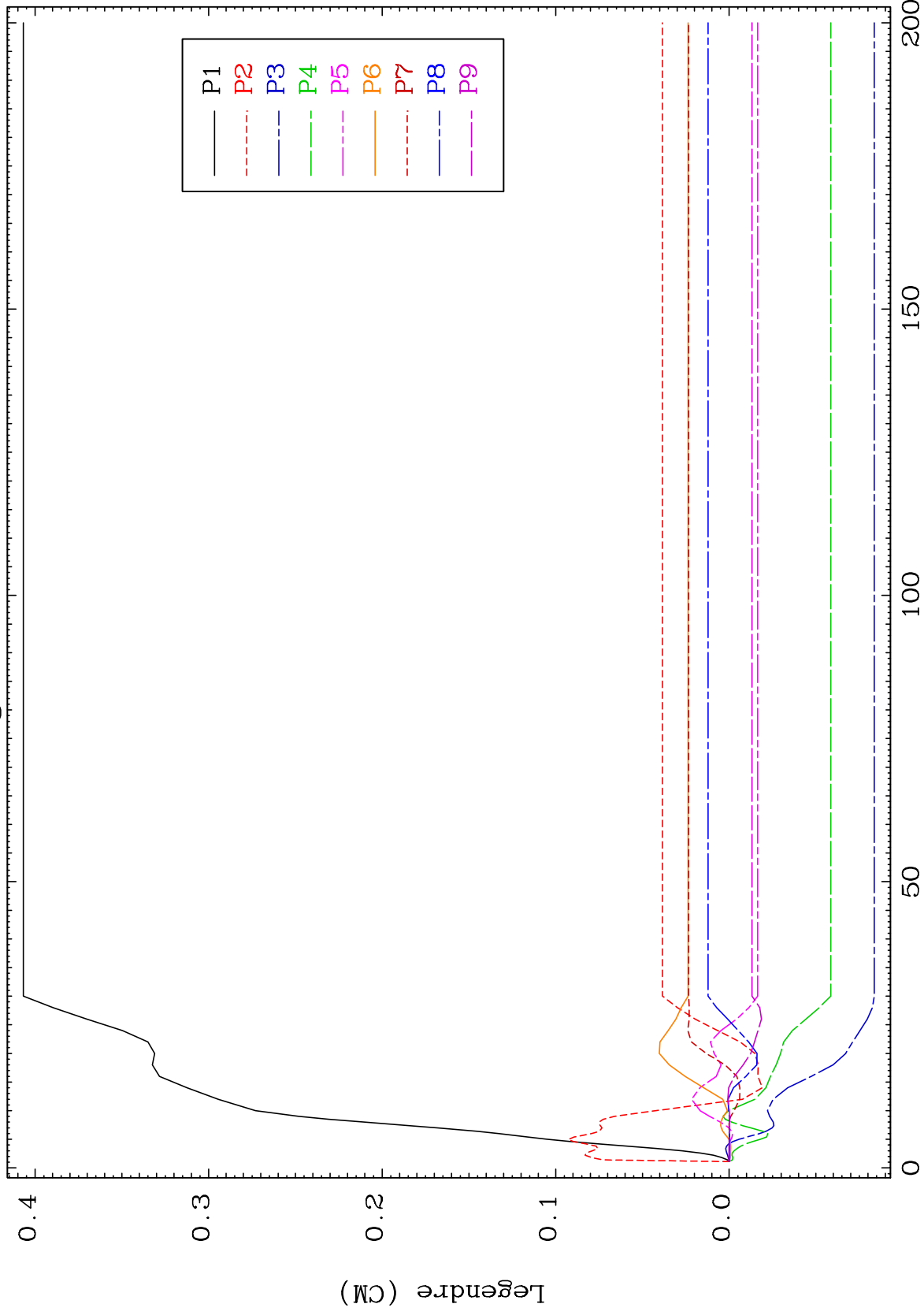




MAT 7019

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

70-Yb-166



70-Yb-166

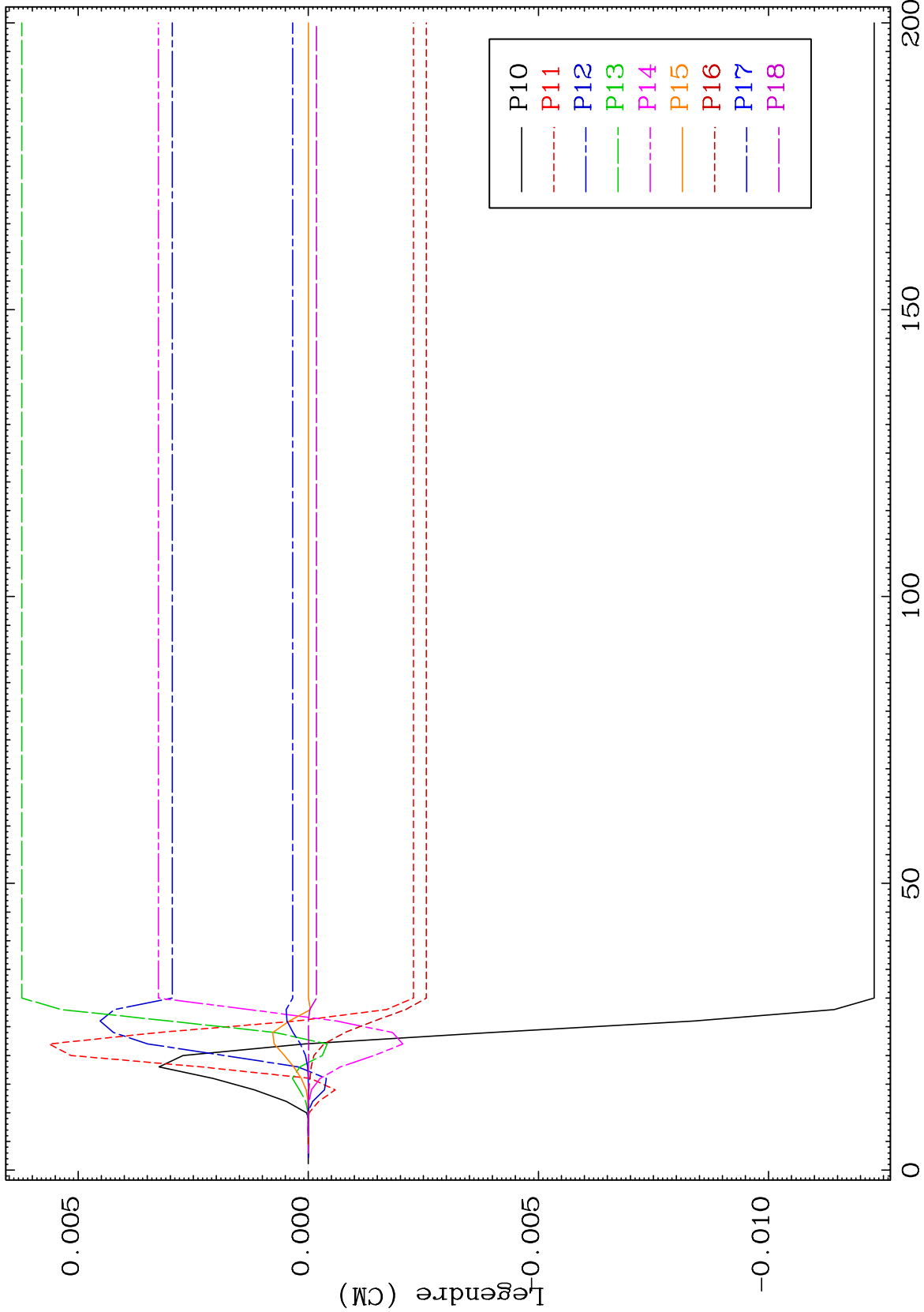
Incident Energy (MeV)

42

MAT 7019

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

70-Yb-166



43

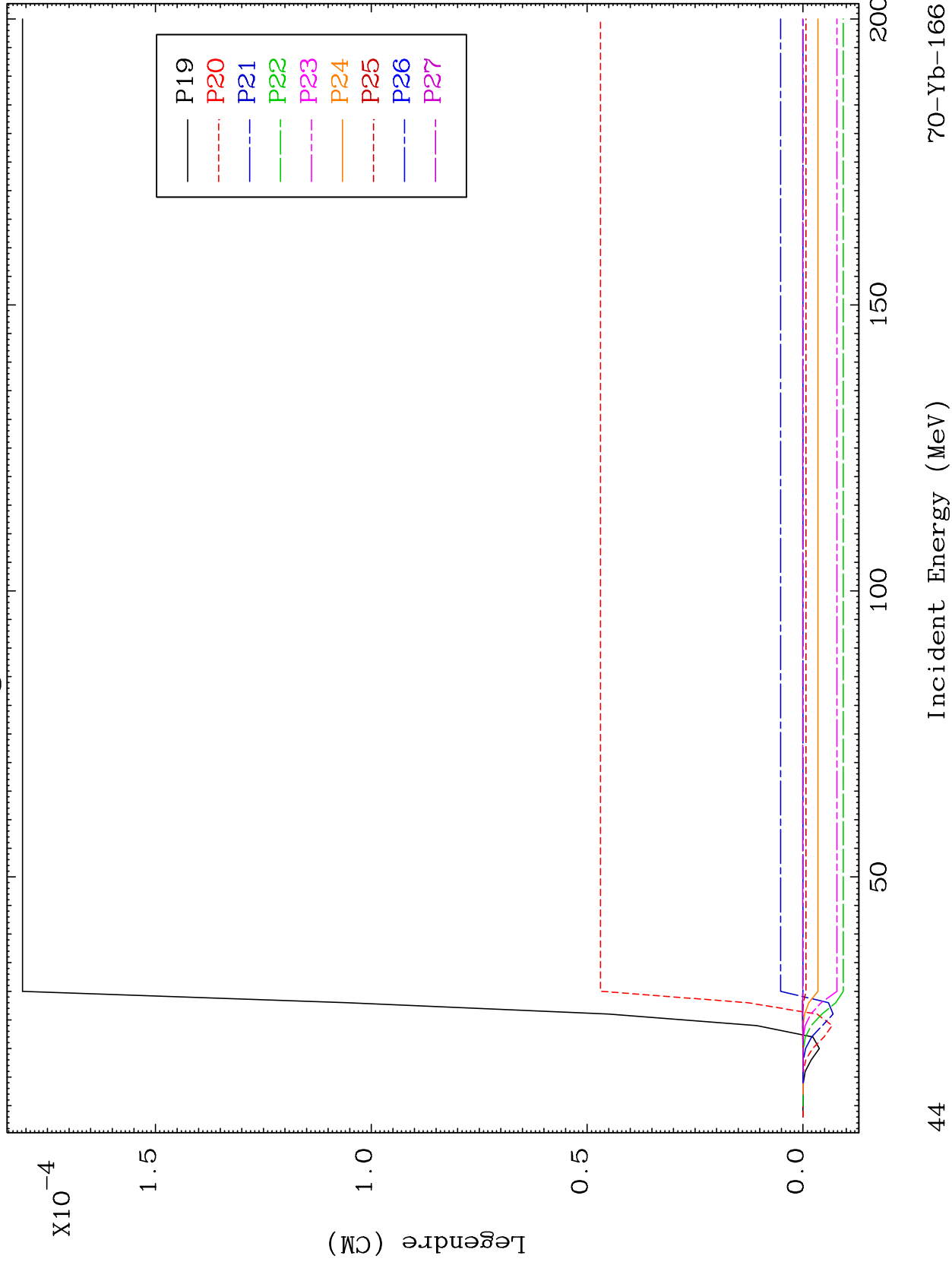
Incident Energy (MeV)

70-Yb-166

MAT 7019

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

70-Yb-166



44

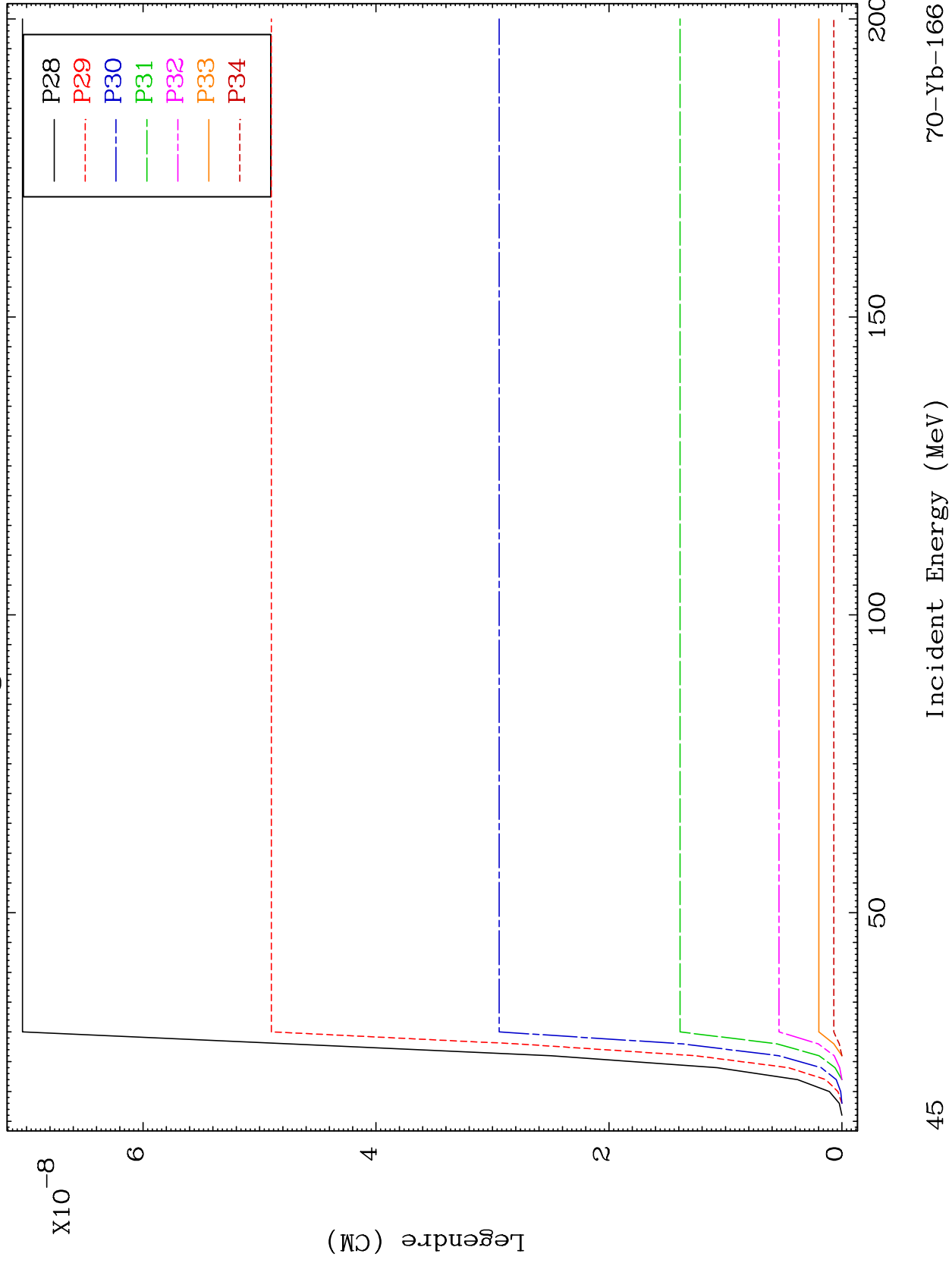
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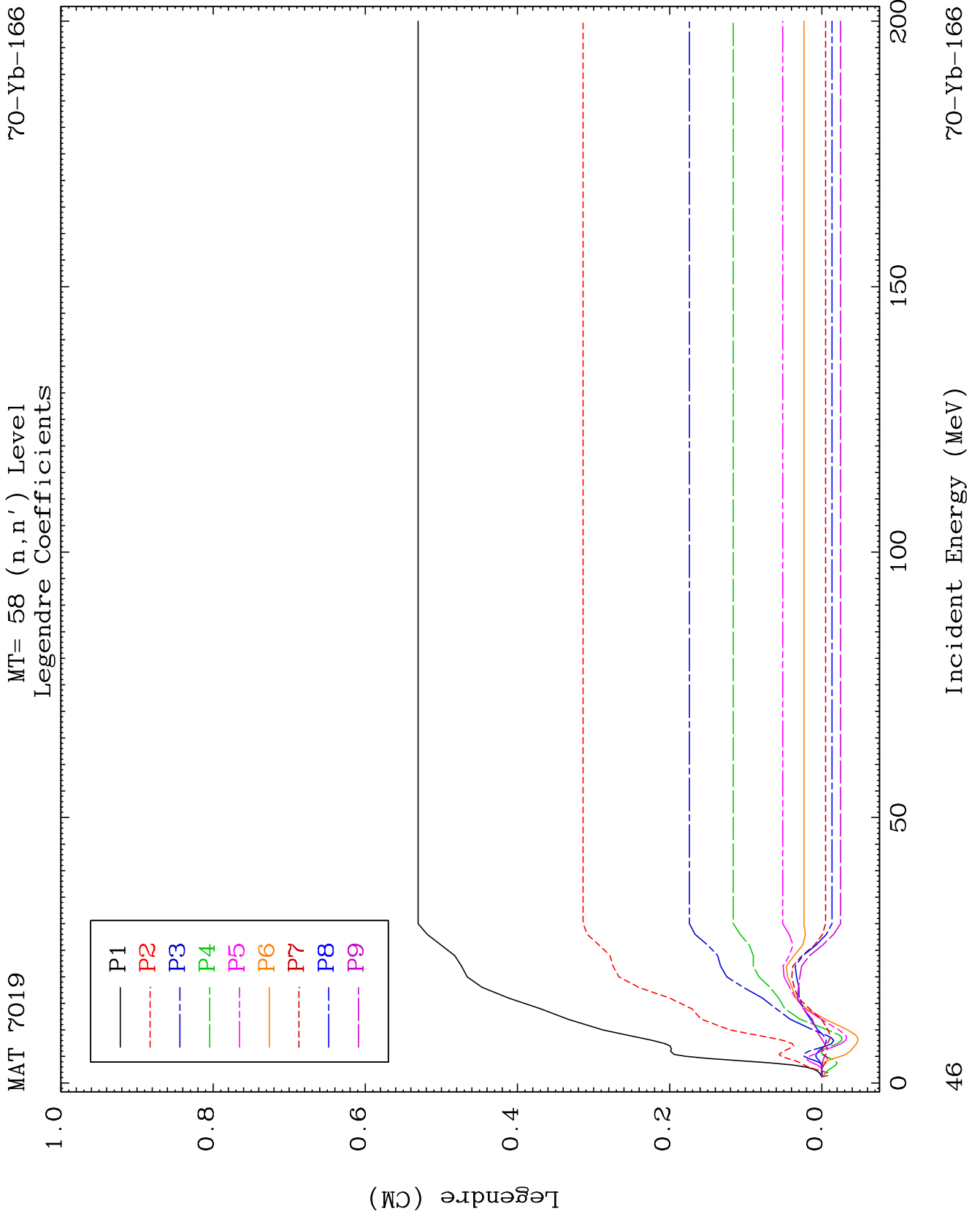
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MAT 7019

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

70-Yb-166

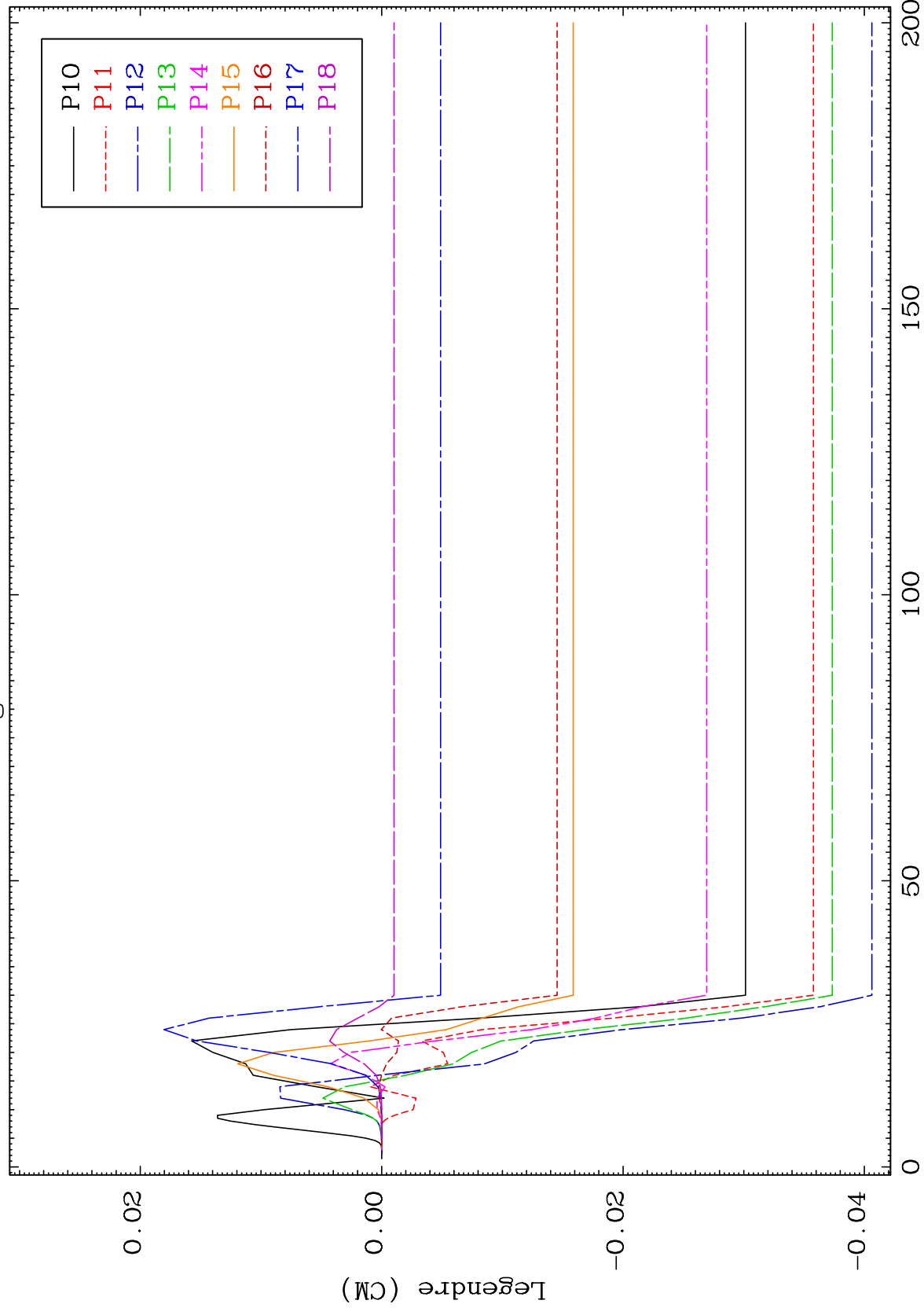




MAT 7019

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

70-Yb-166



47

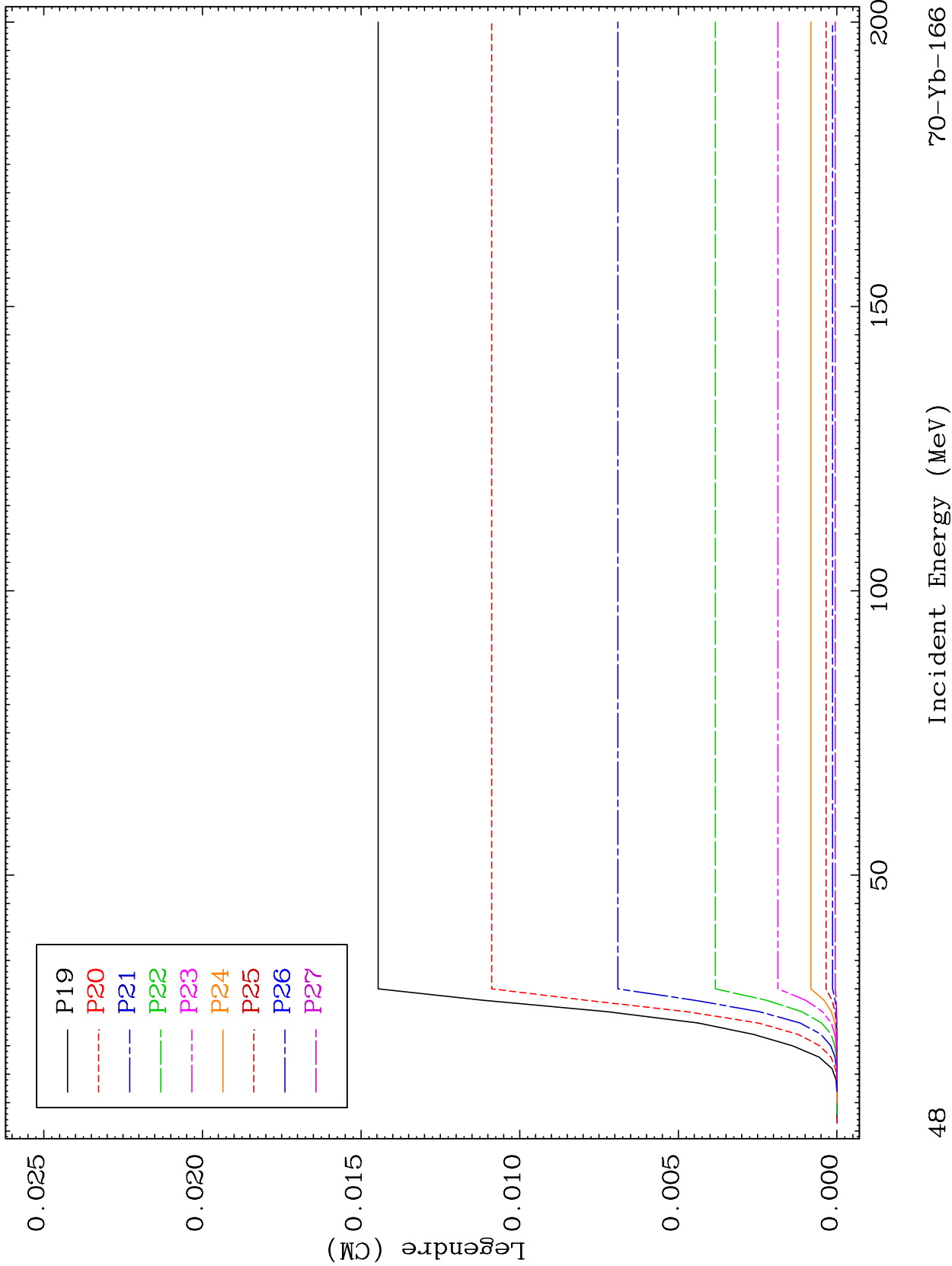
Incident Energy (MeV)

70-Yb-166

MAT 7019

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

70-Yb-166



48

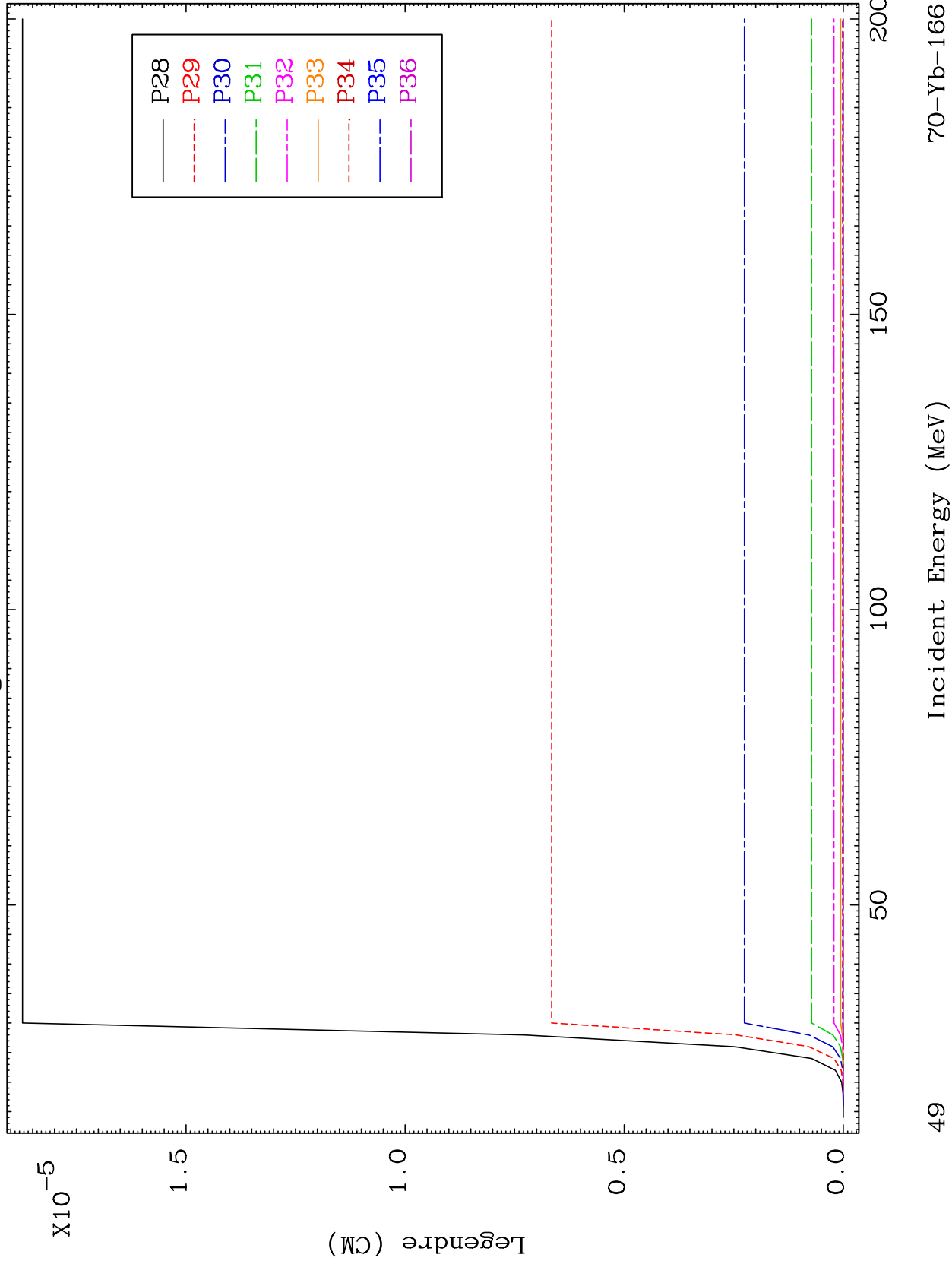
Incident Energy (MeV)

70-Yb-166

MAT 7019

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

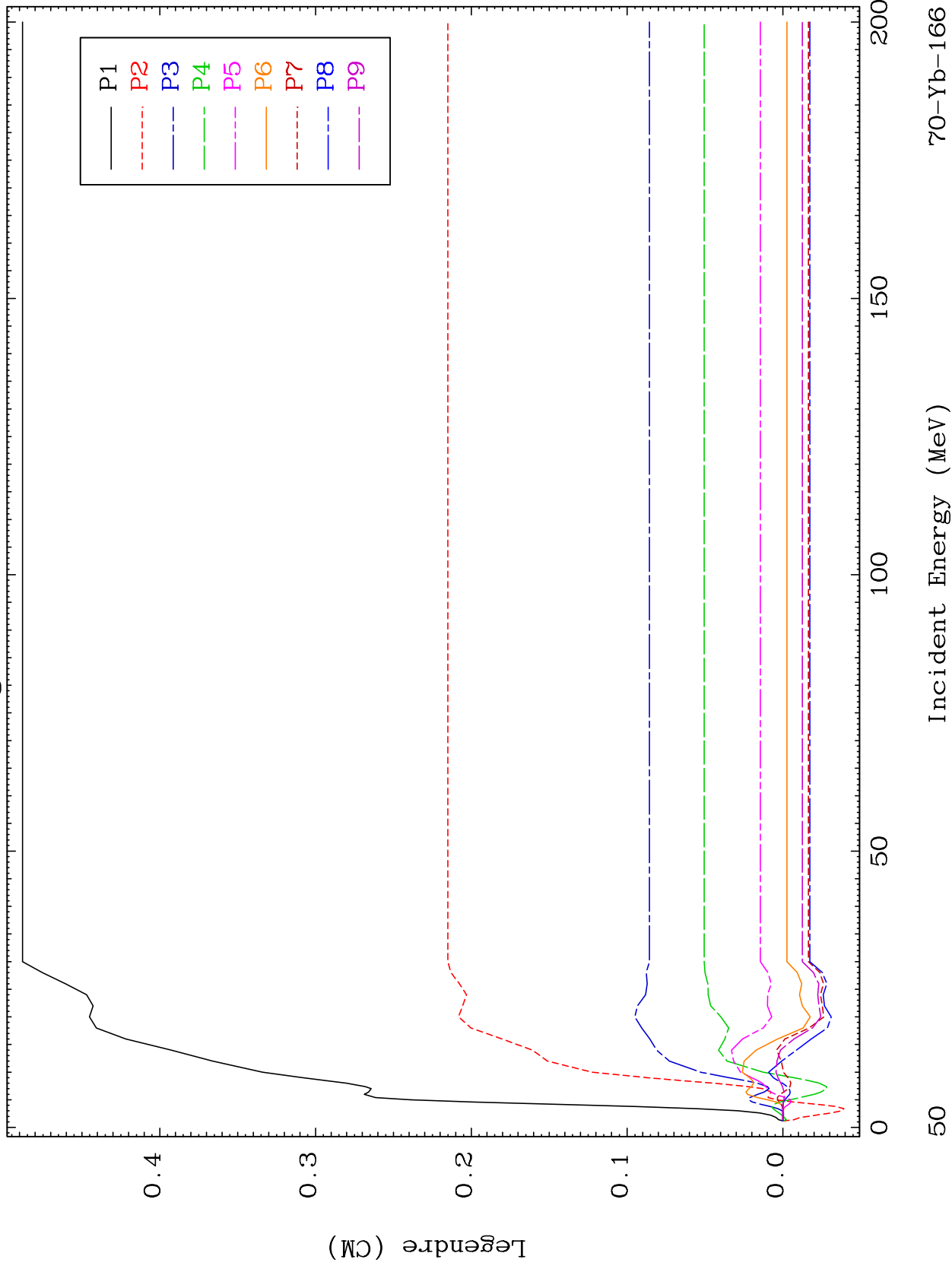
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MAT 7019

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

70-Yb-166

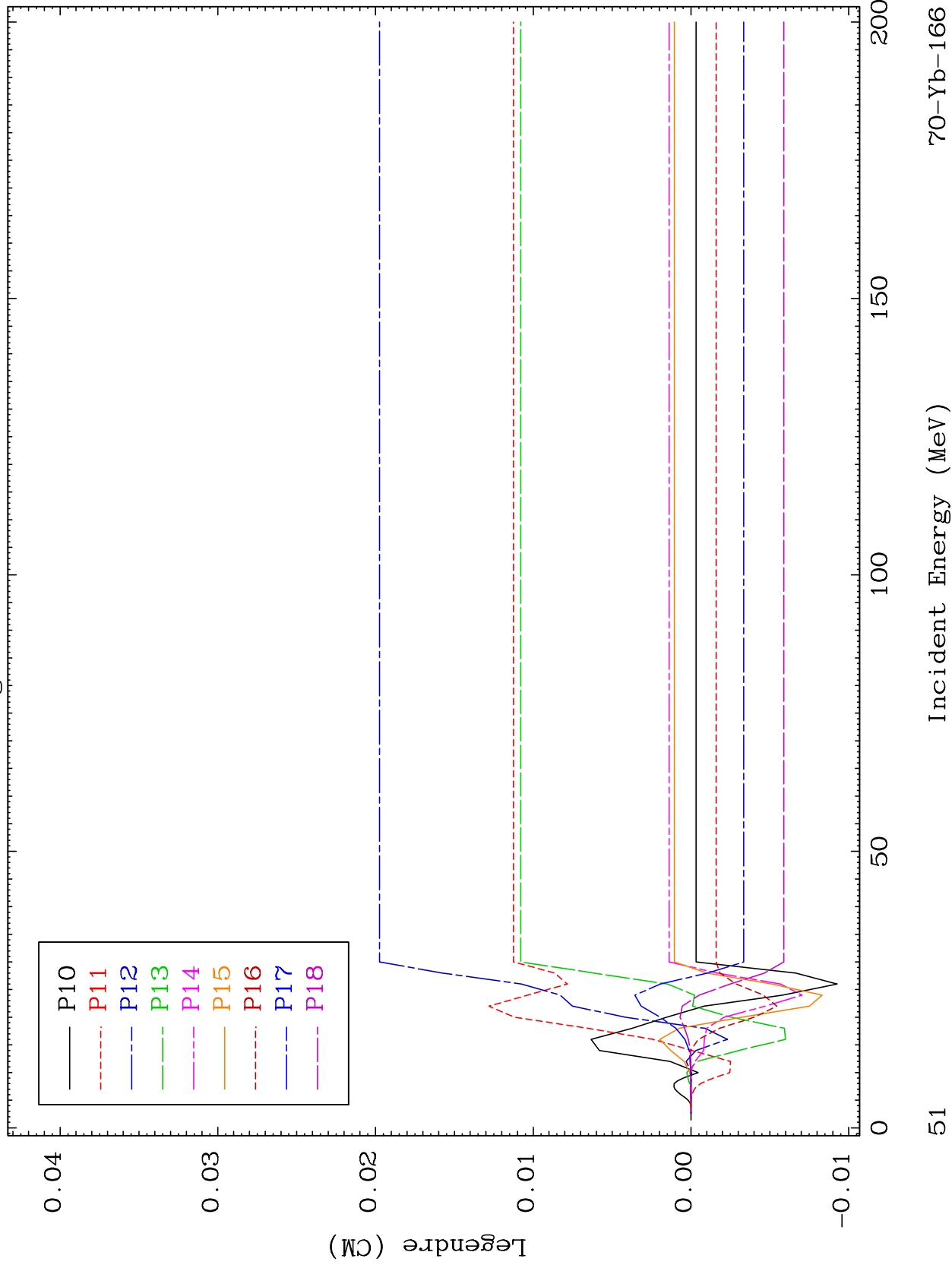


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MAT 7019

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

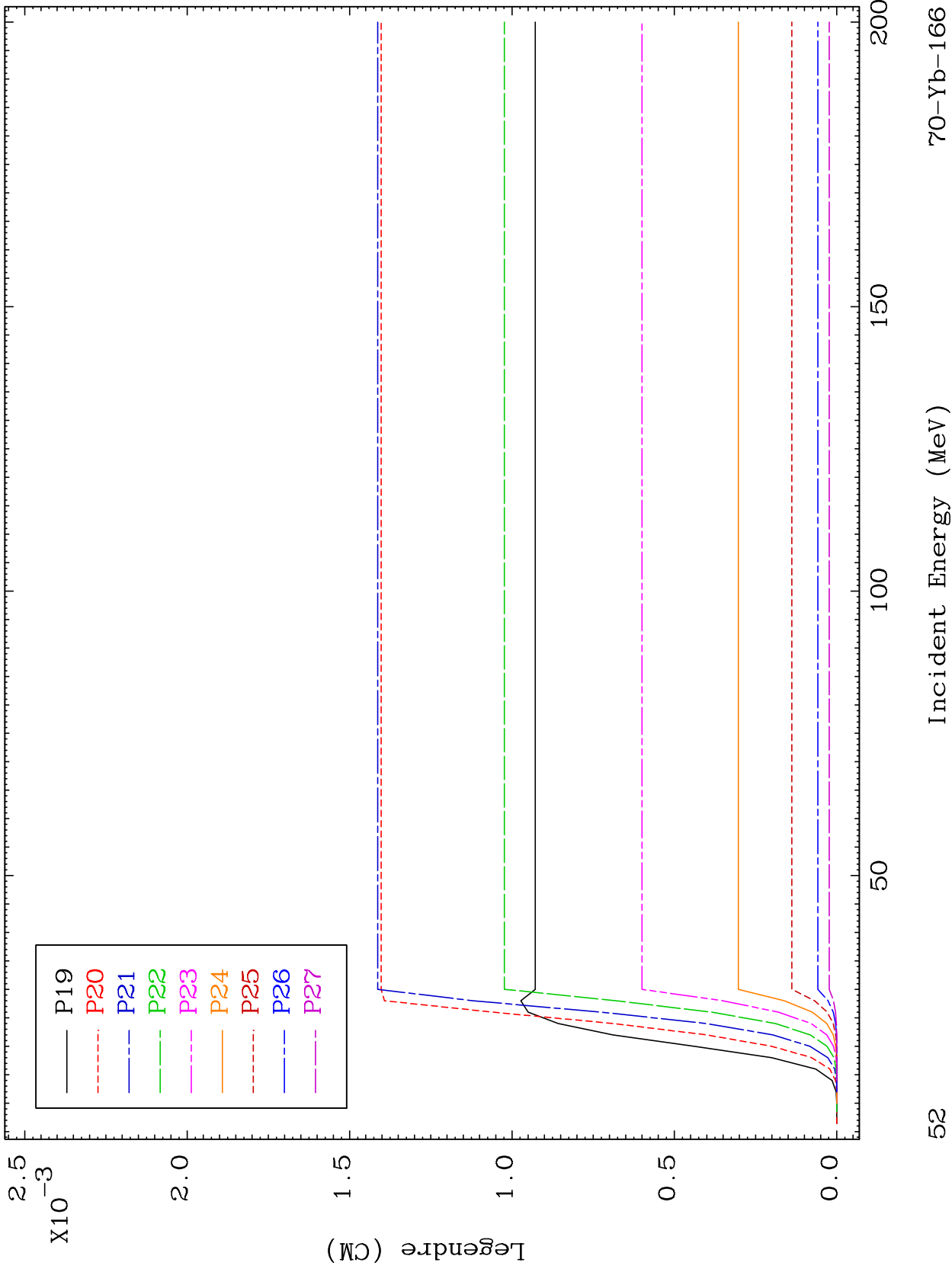
70-Yb-166



51

Incident Energy (MeV)

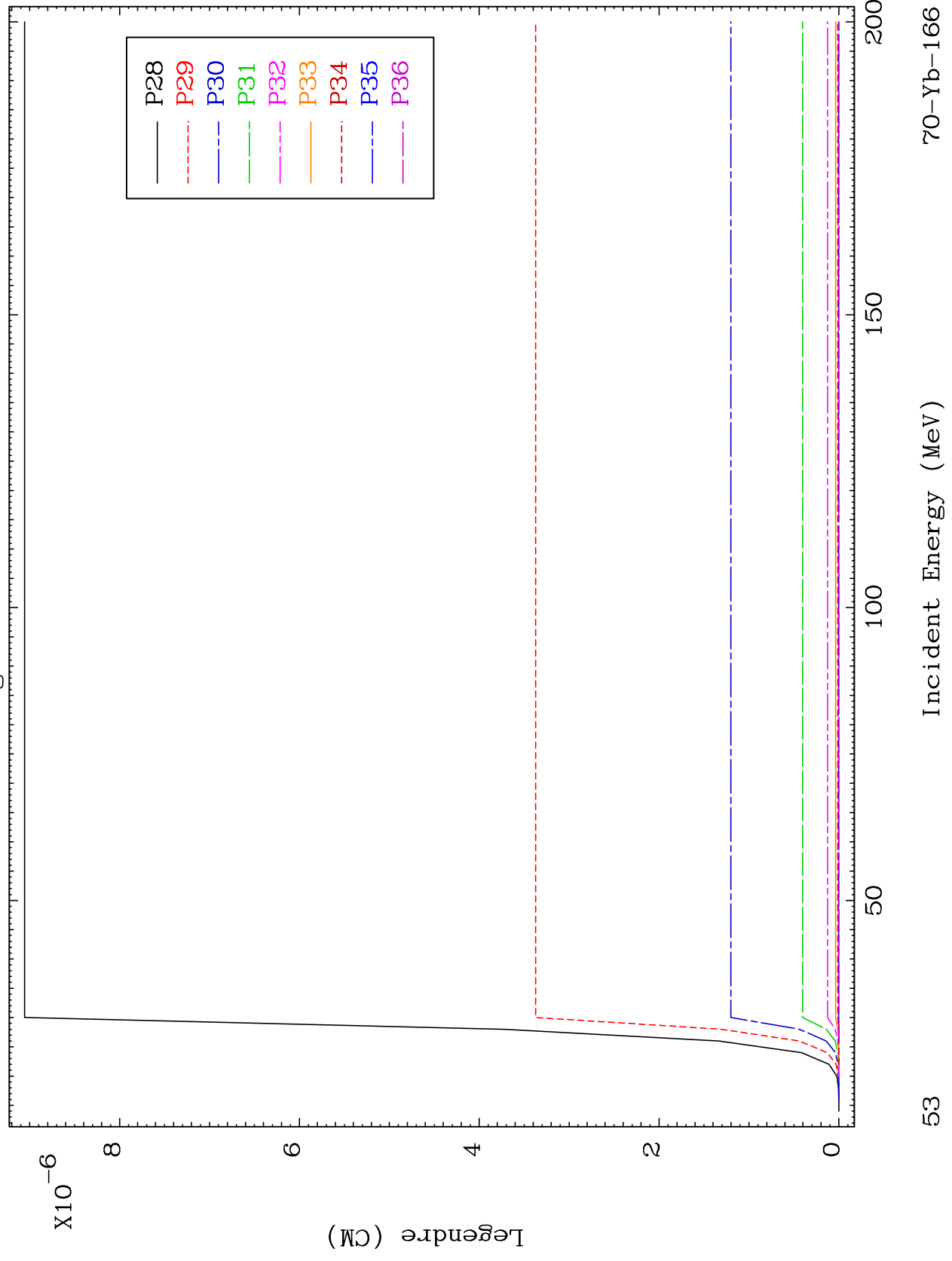
70-Yb-166



MAT 7019

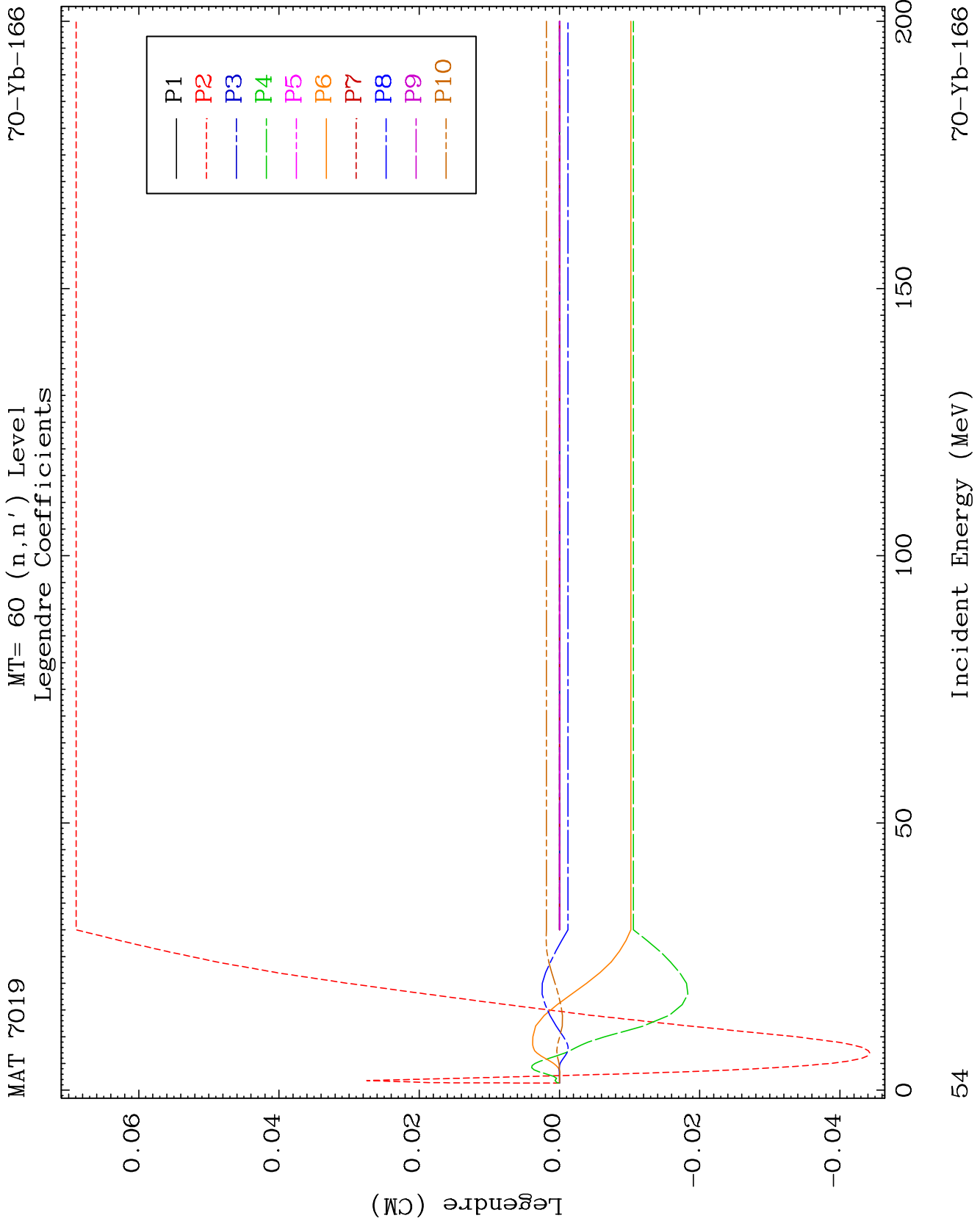
MT= 59 (n,n') Level
Legendre Coefficients

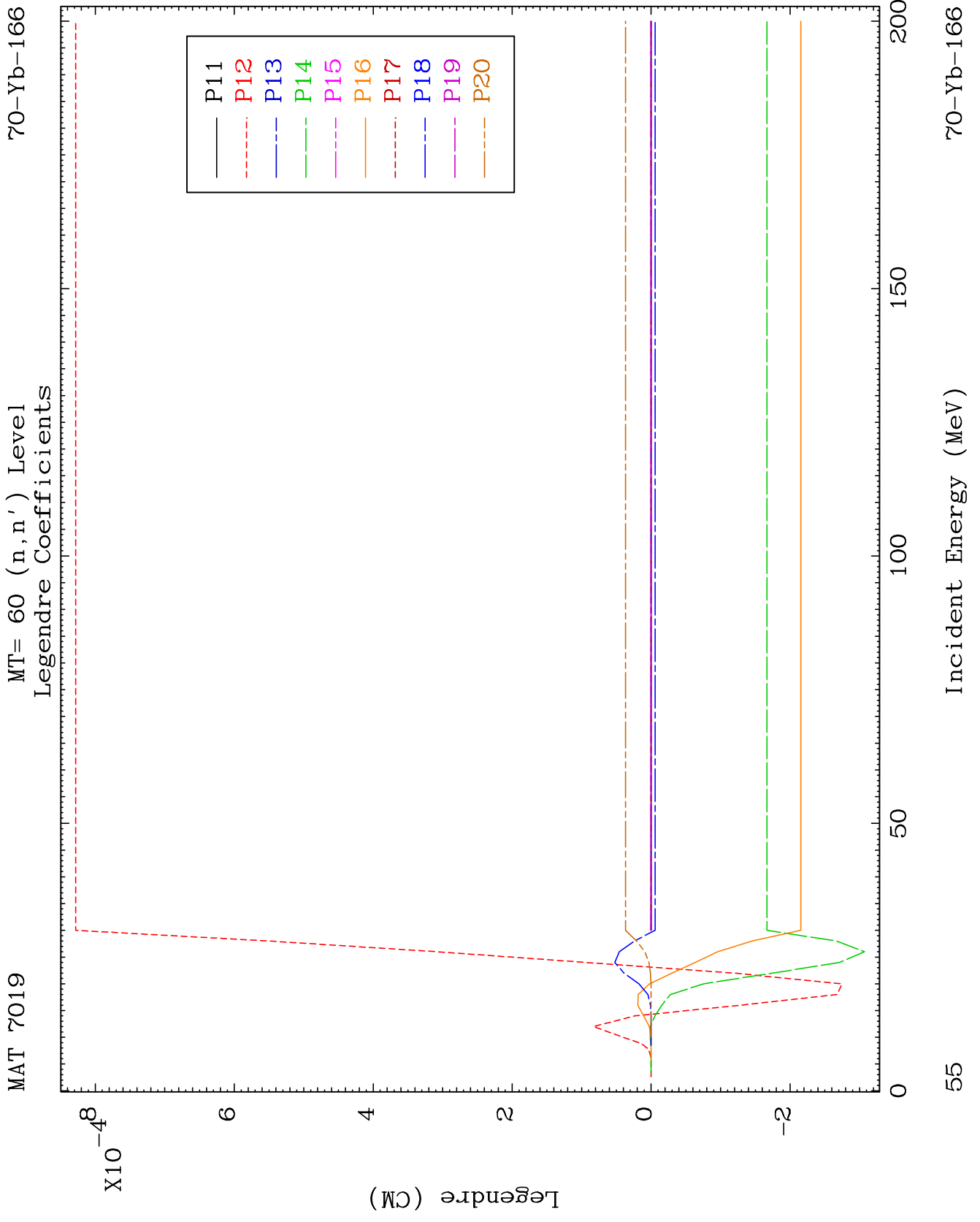
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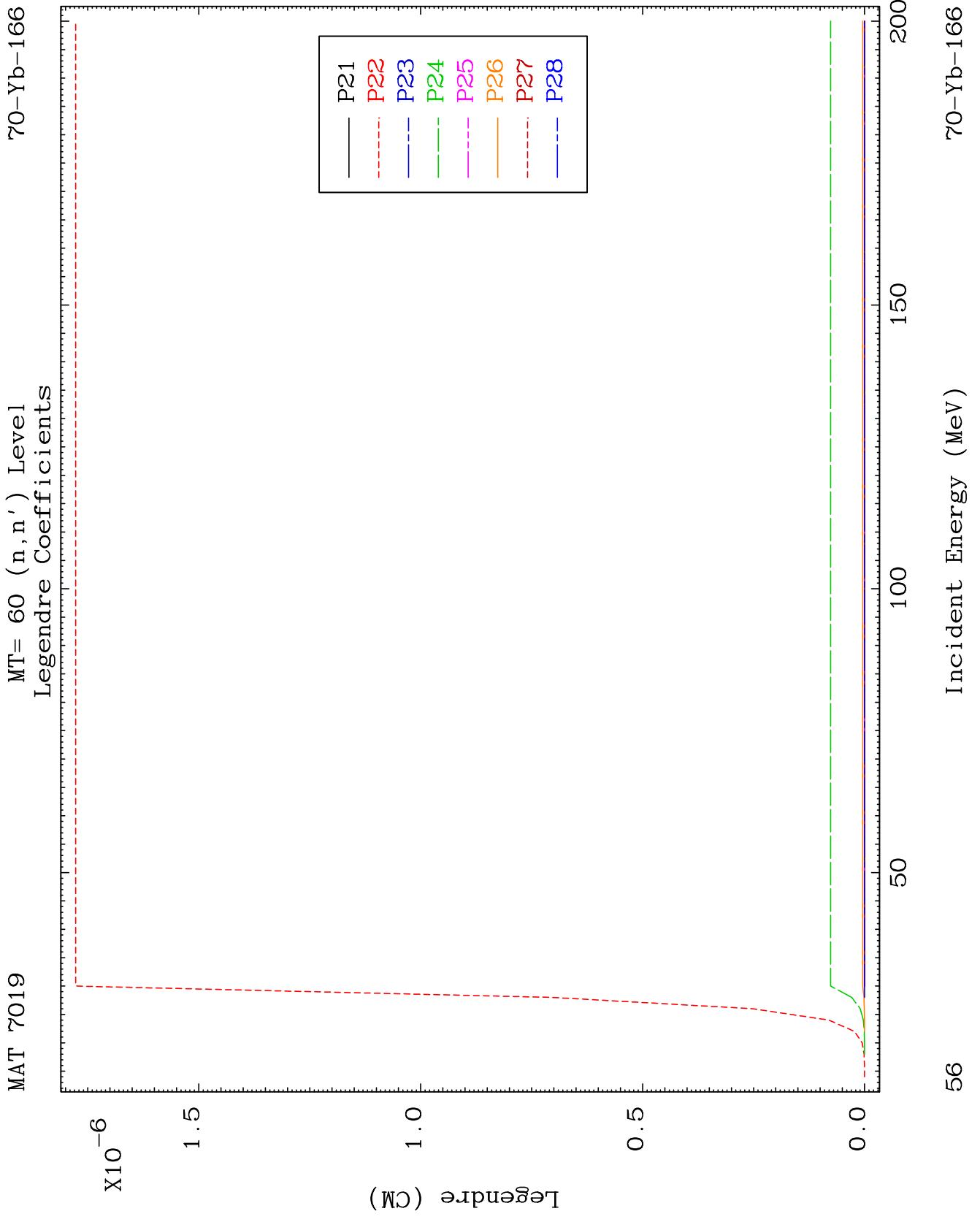


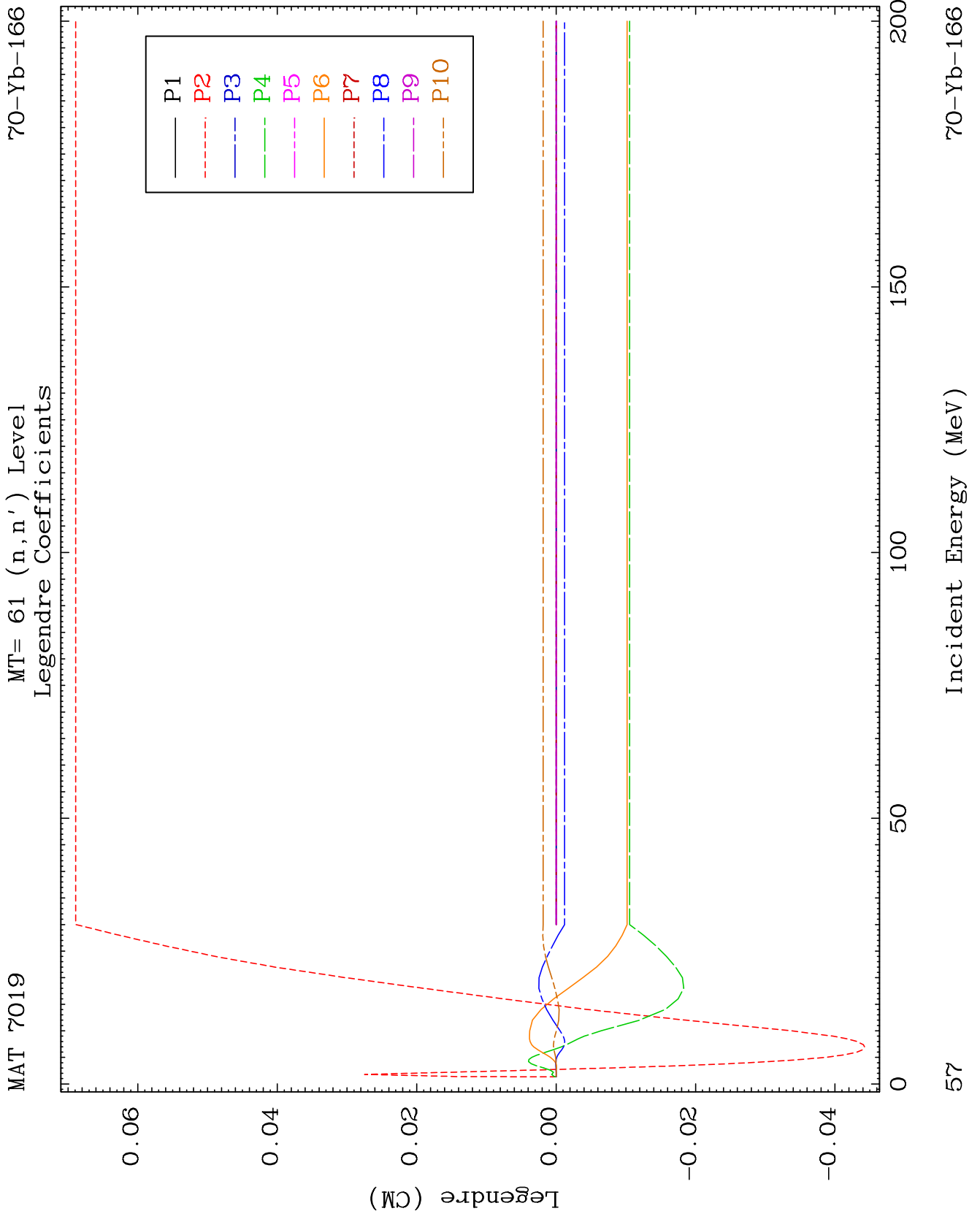
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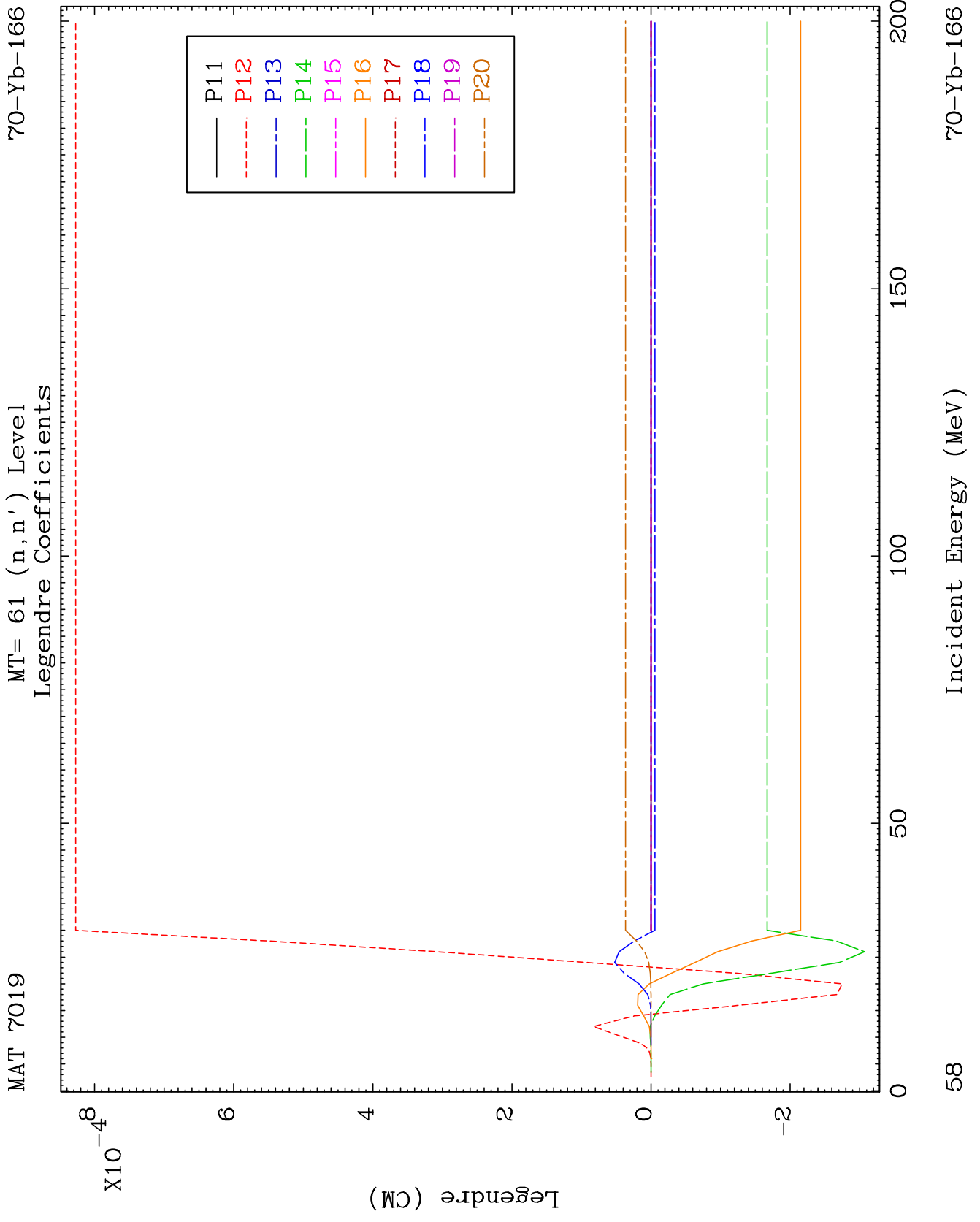
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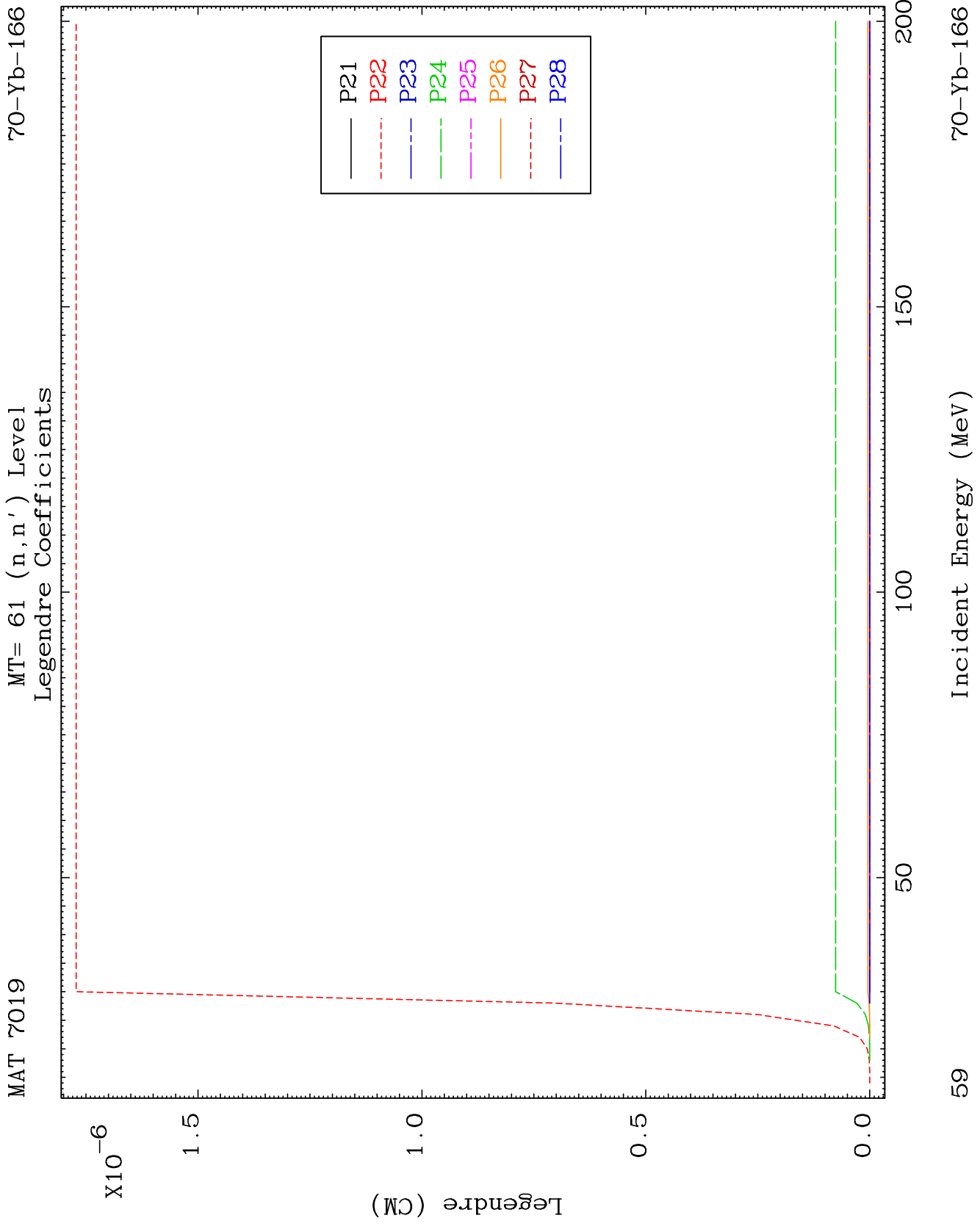








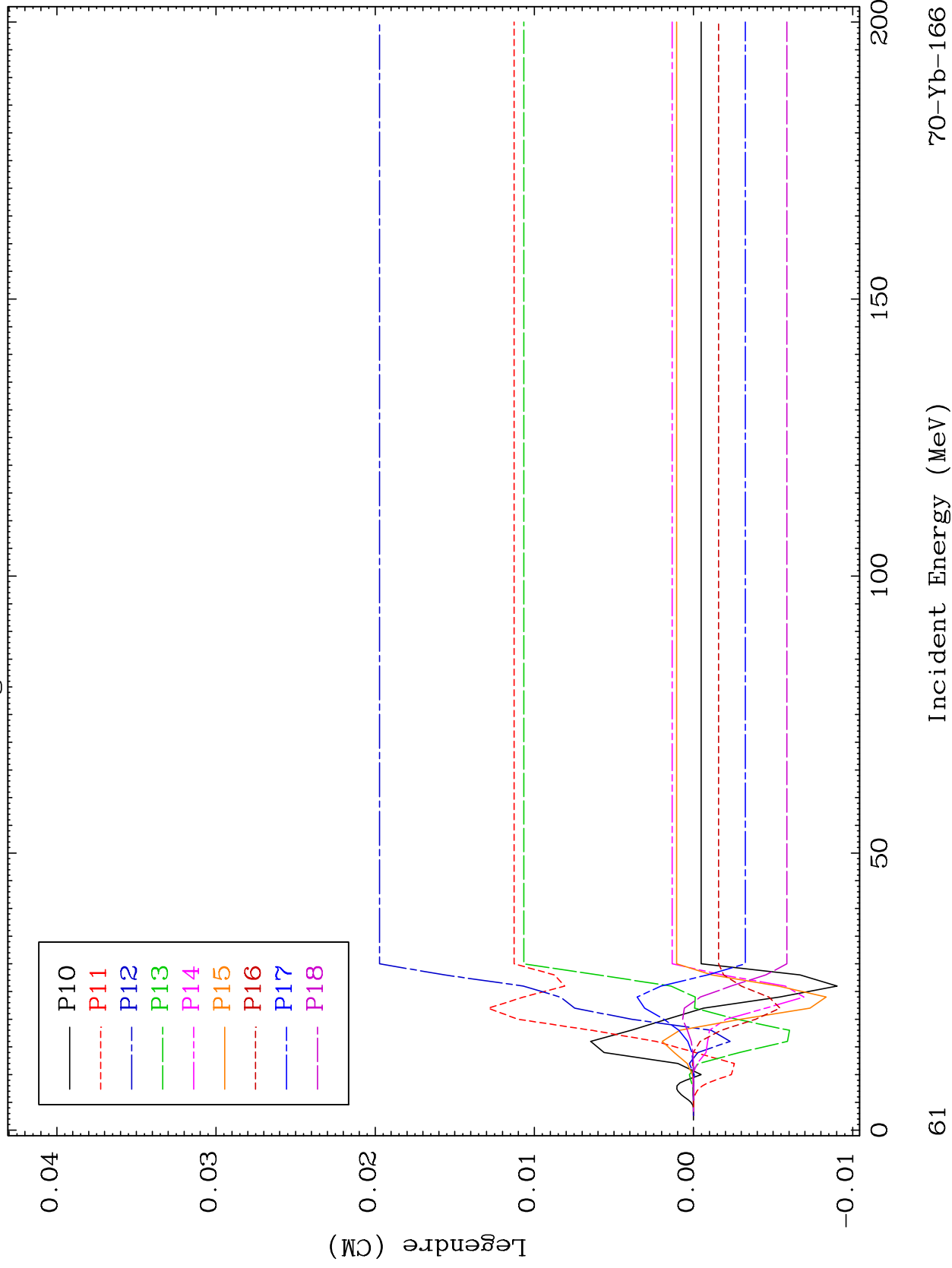




MAT 7019

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

70-Yb-166



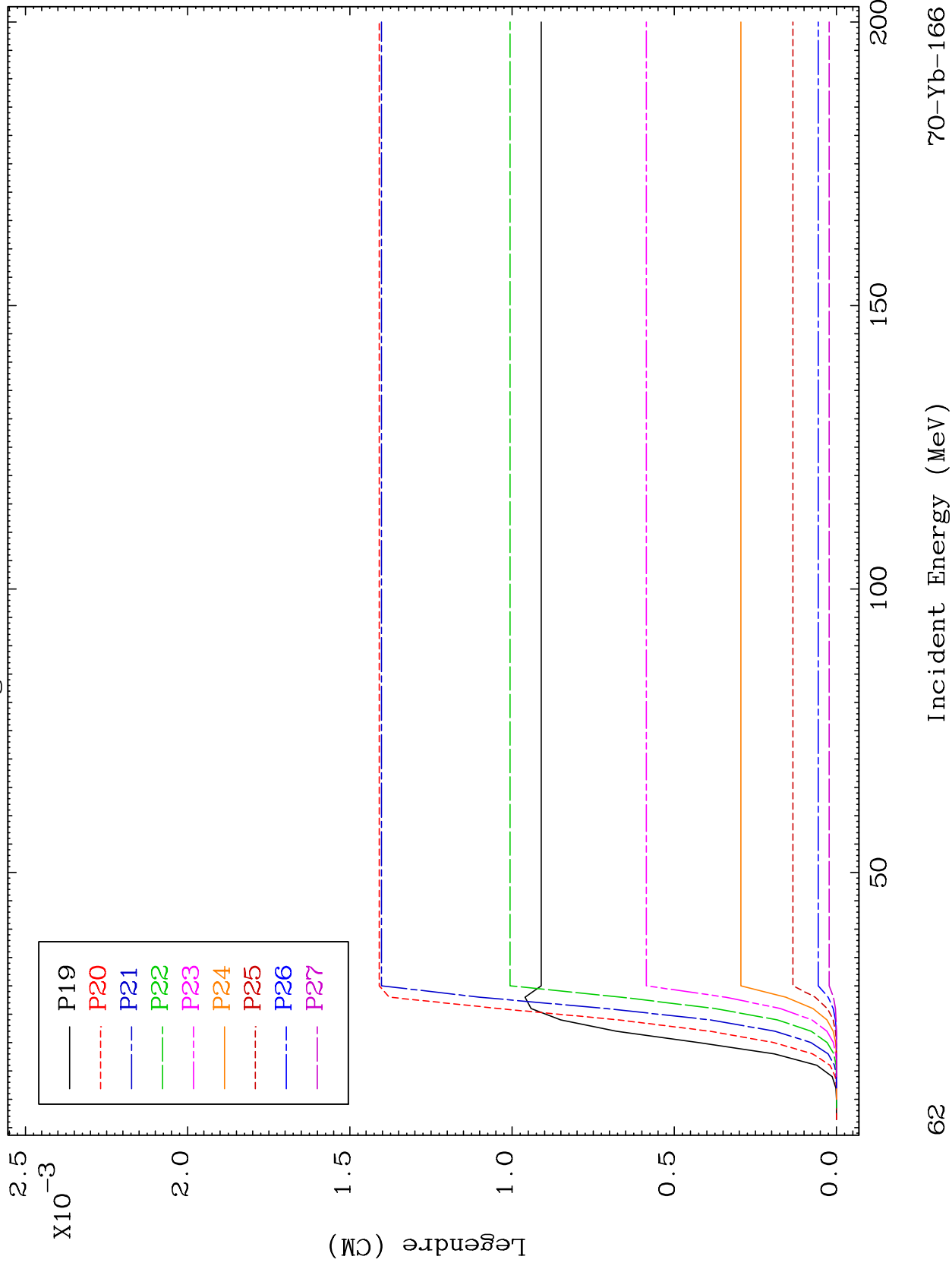
70-Yb-166

Incident Energy (MeV)

MAT 7019

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

70-Yb-166



62

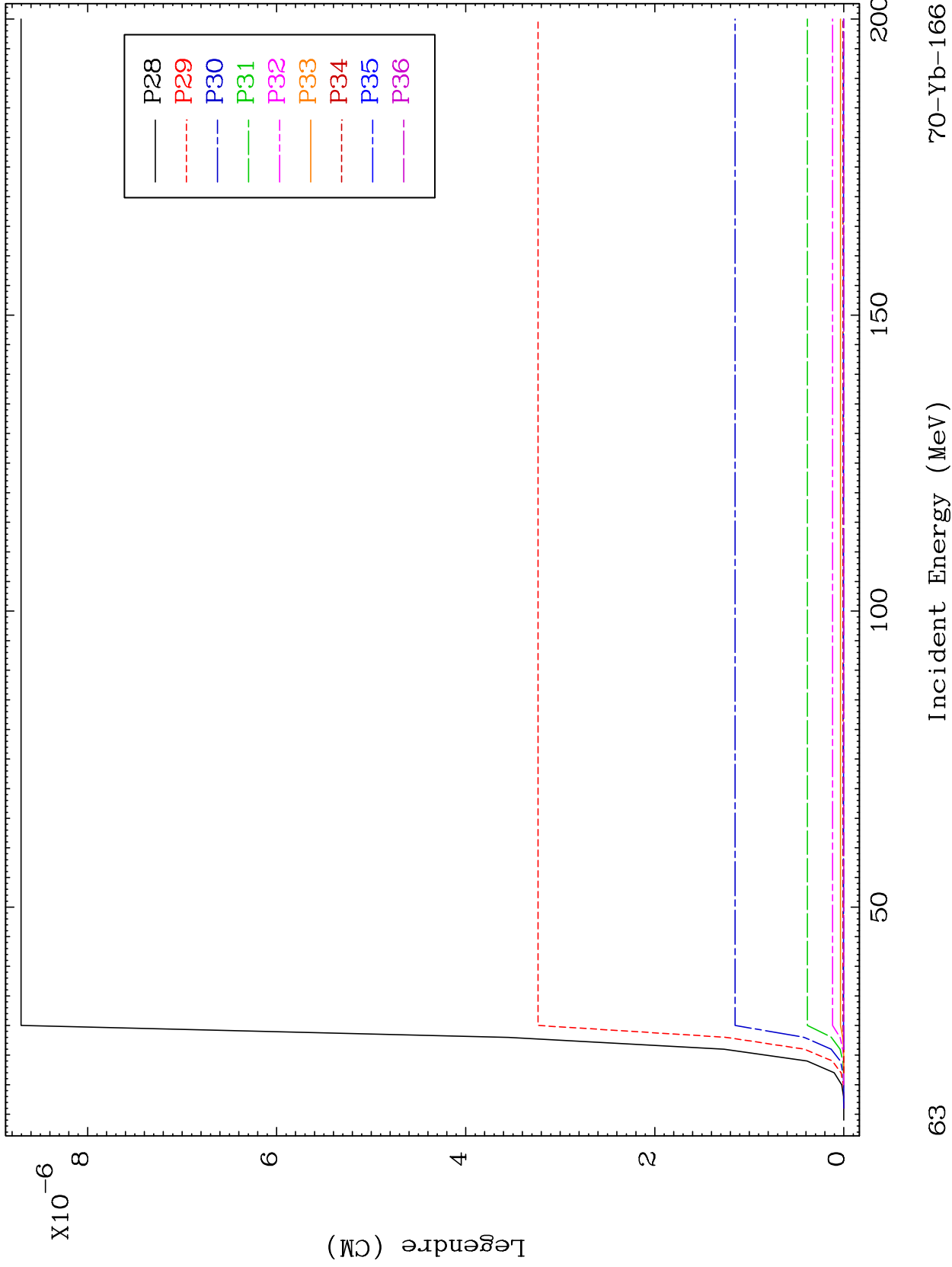
Incident Energy (MeV)

70-Yb-166

MAT 7019

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

70-Yb-166



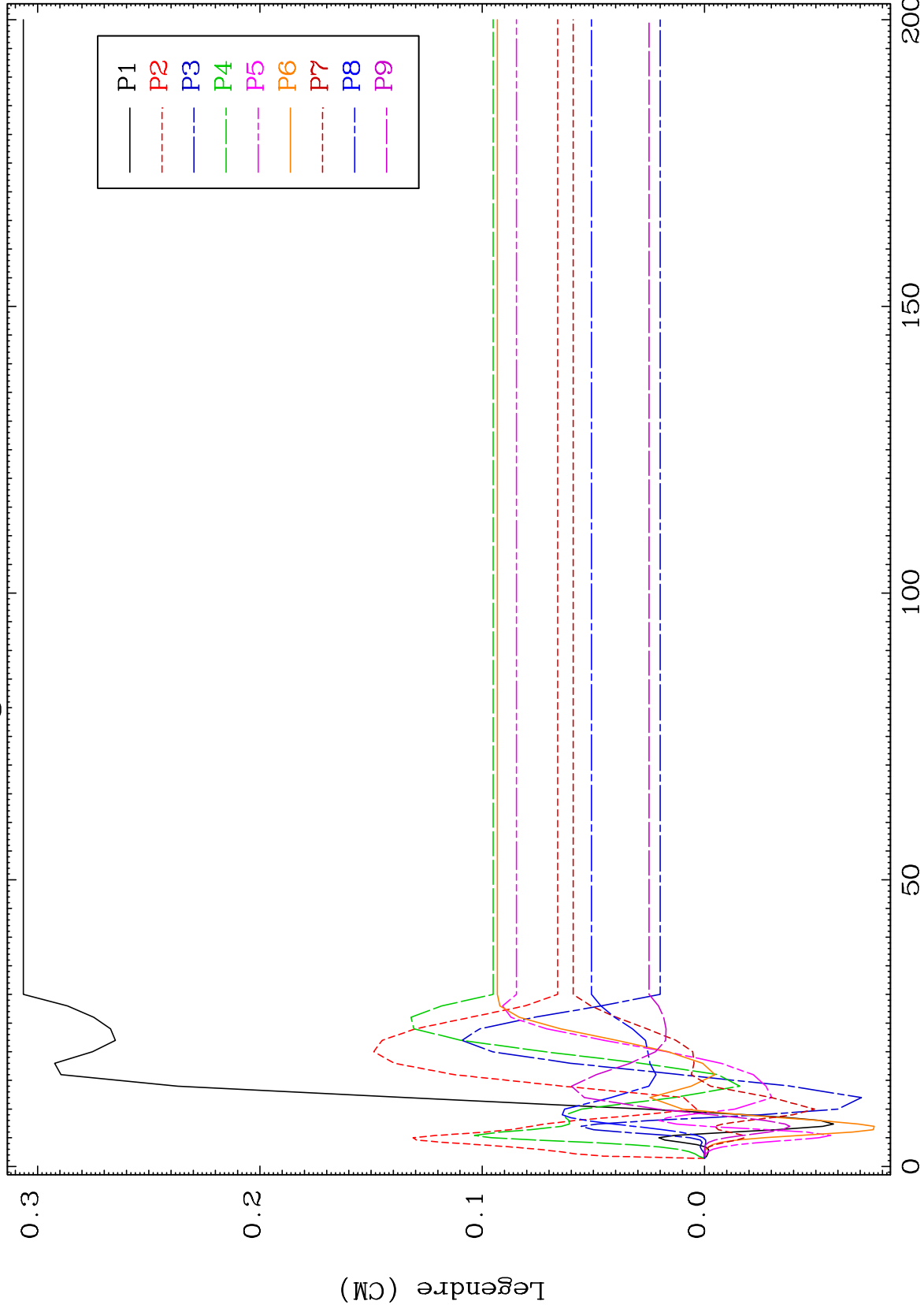
63

70-Yb-166

MAT 7019

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

70-Yb-166



64

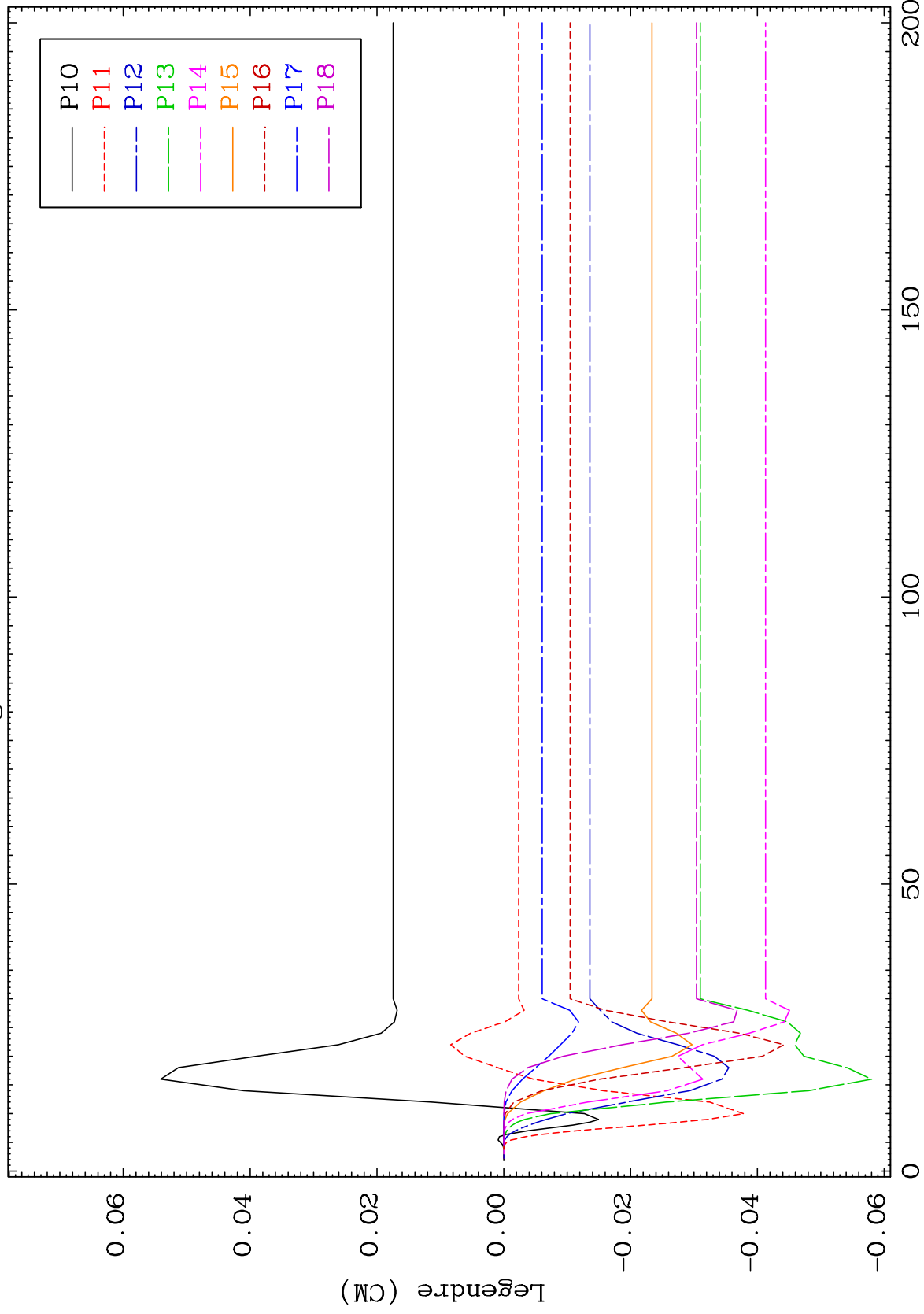
Incident Energy (MeV)

70-Yb-166

MAT 7019

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

70-Yb-166



65

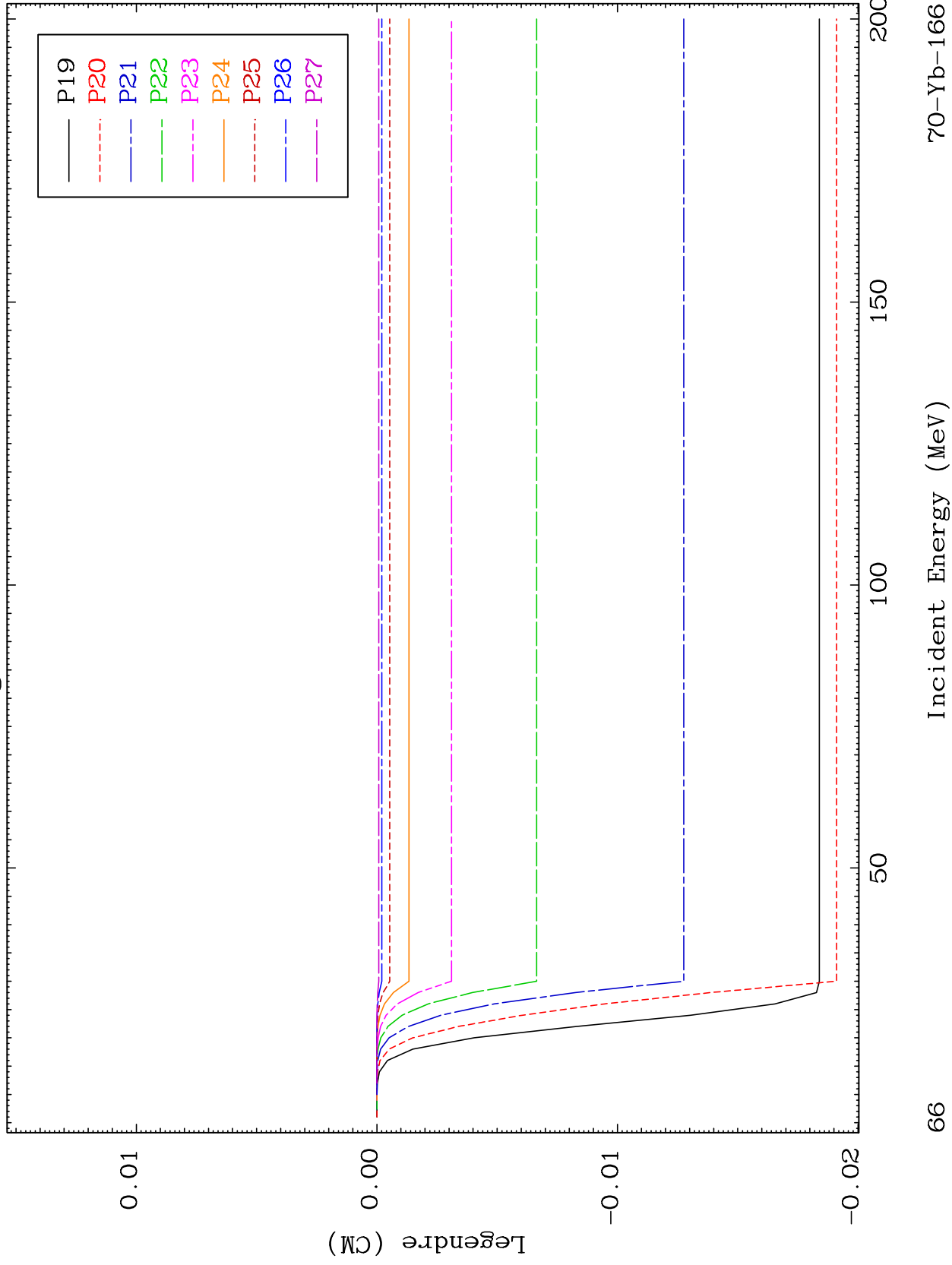
Incident Energy (MeV)

70-Yb-166

MAT 7019

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

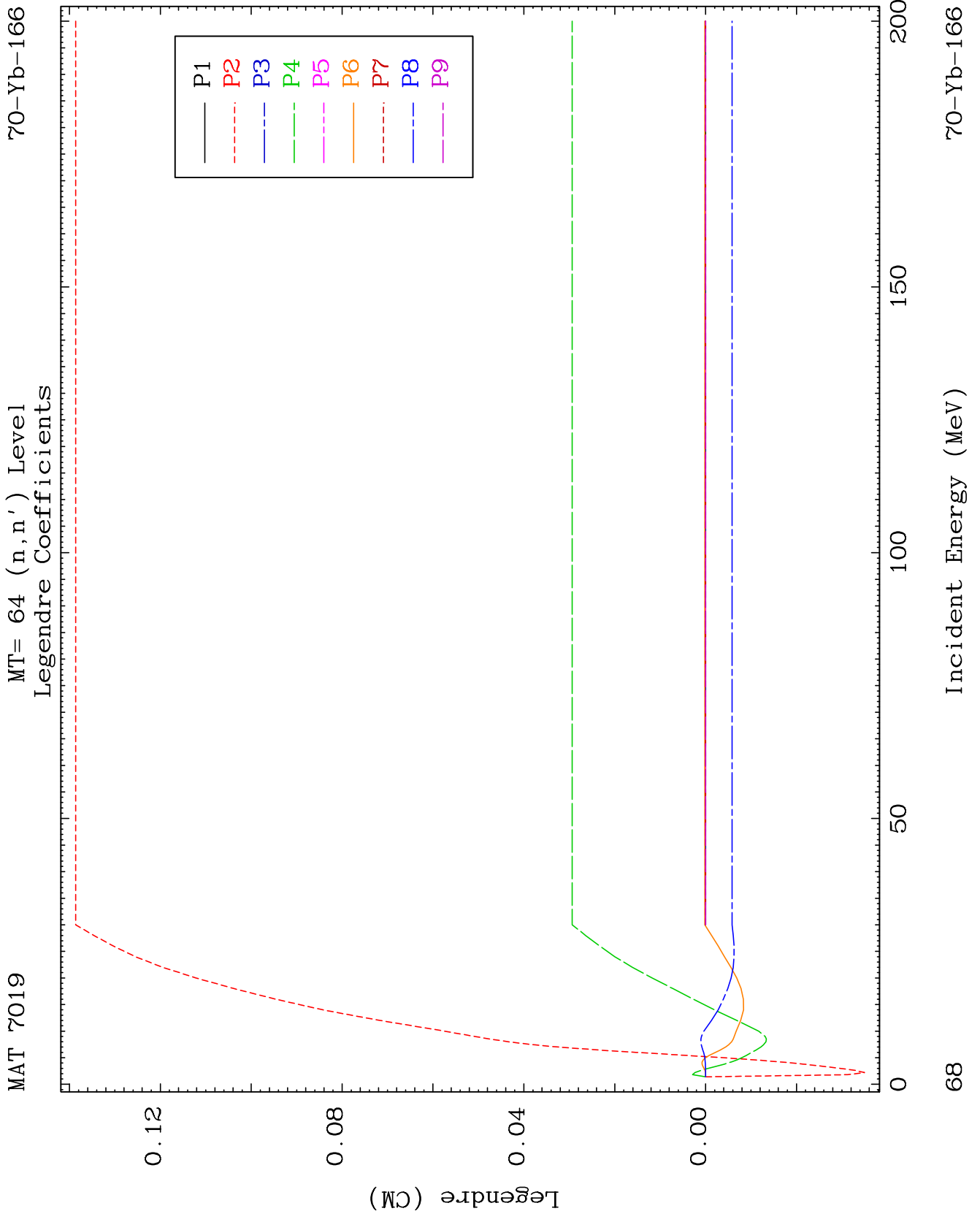
70-Yb-166



66

Incident Energy (MeV)

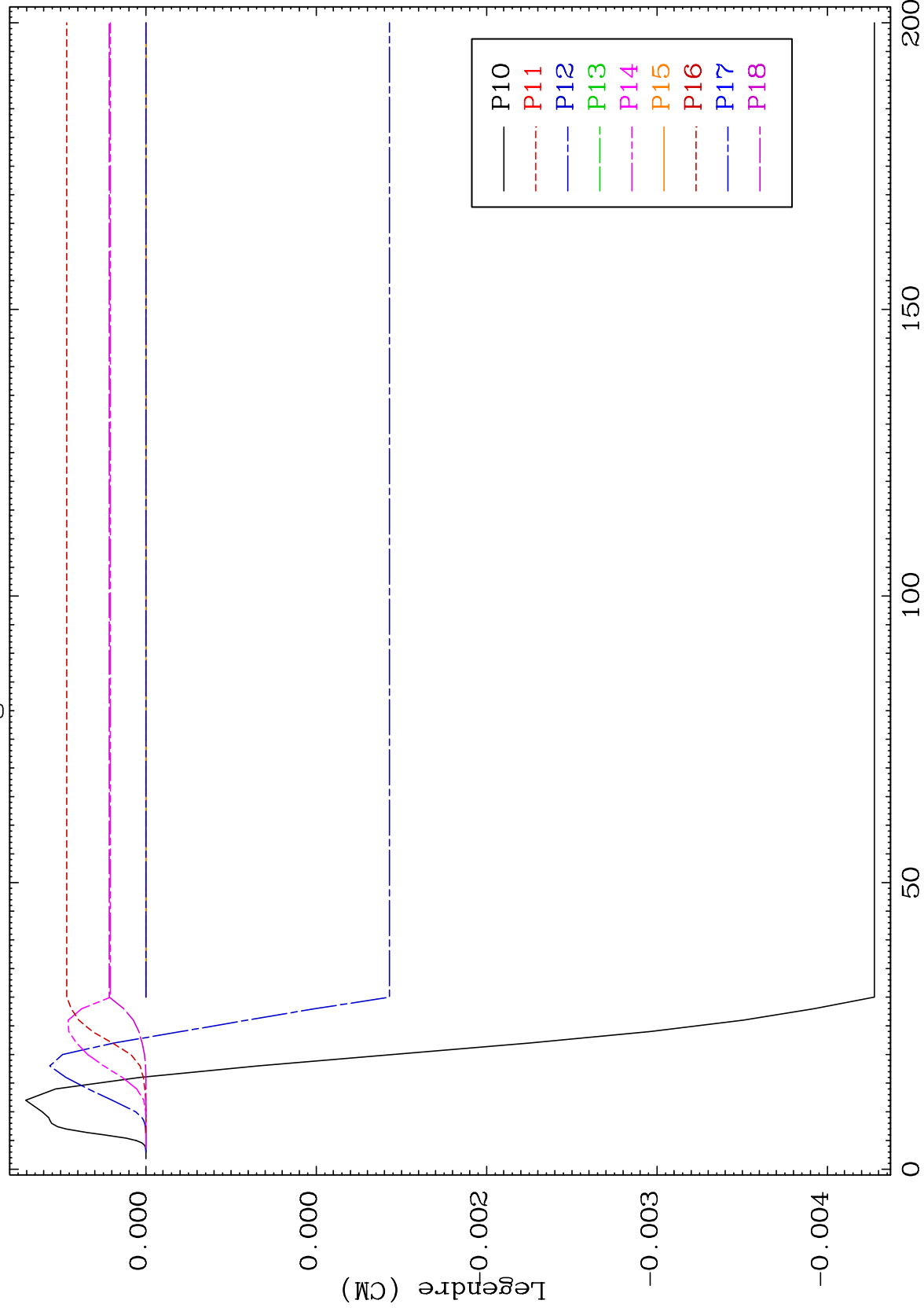
70-Yb-166



MAT 7019

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

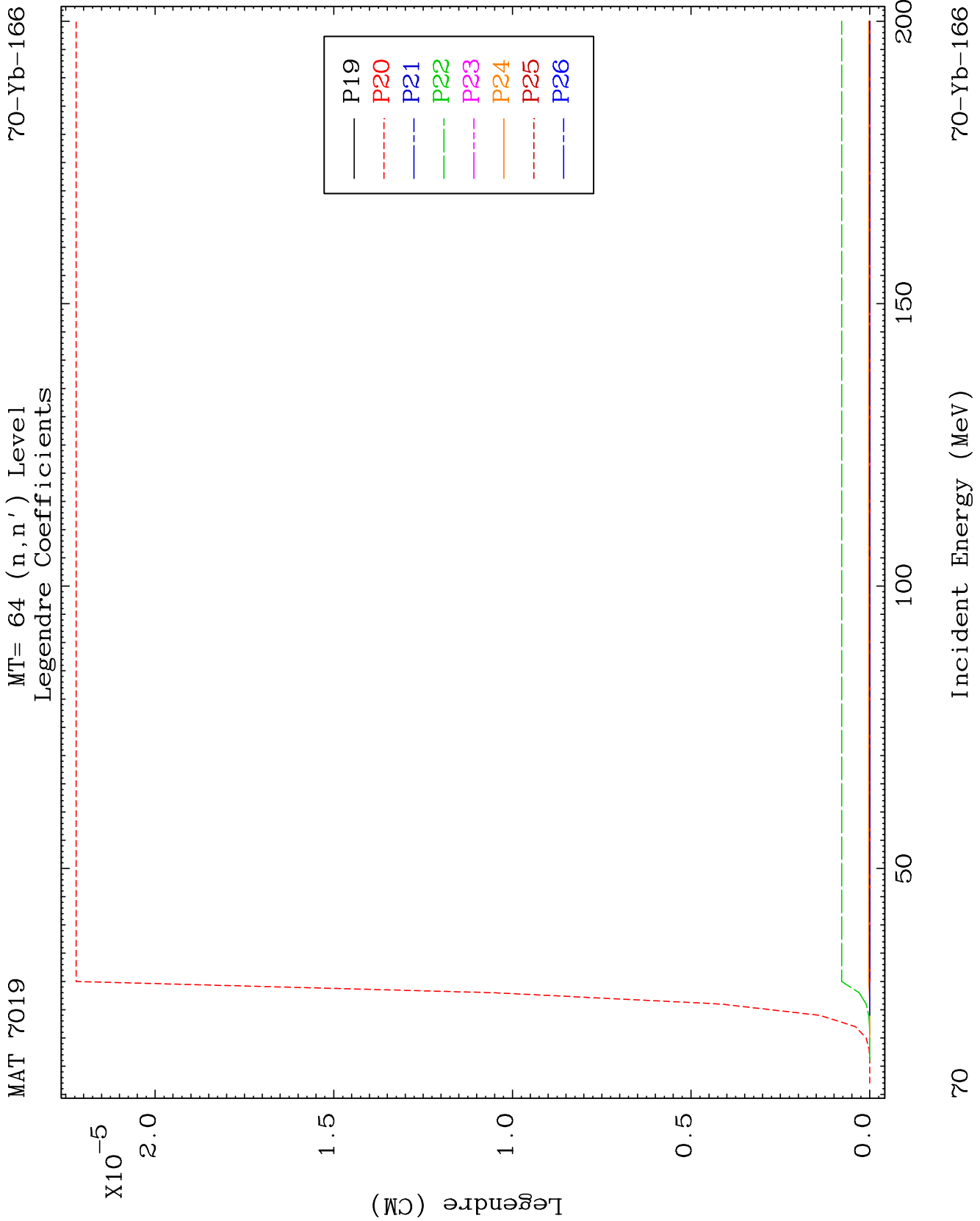
70-Yb-166



69

Incident Energy (MeV)

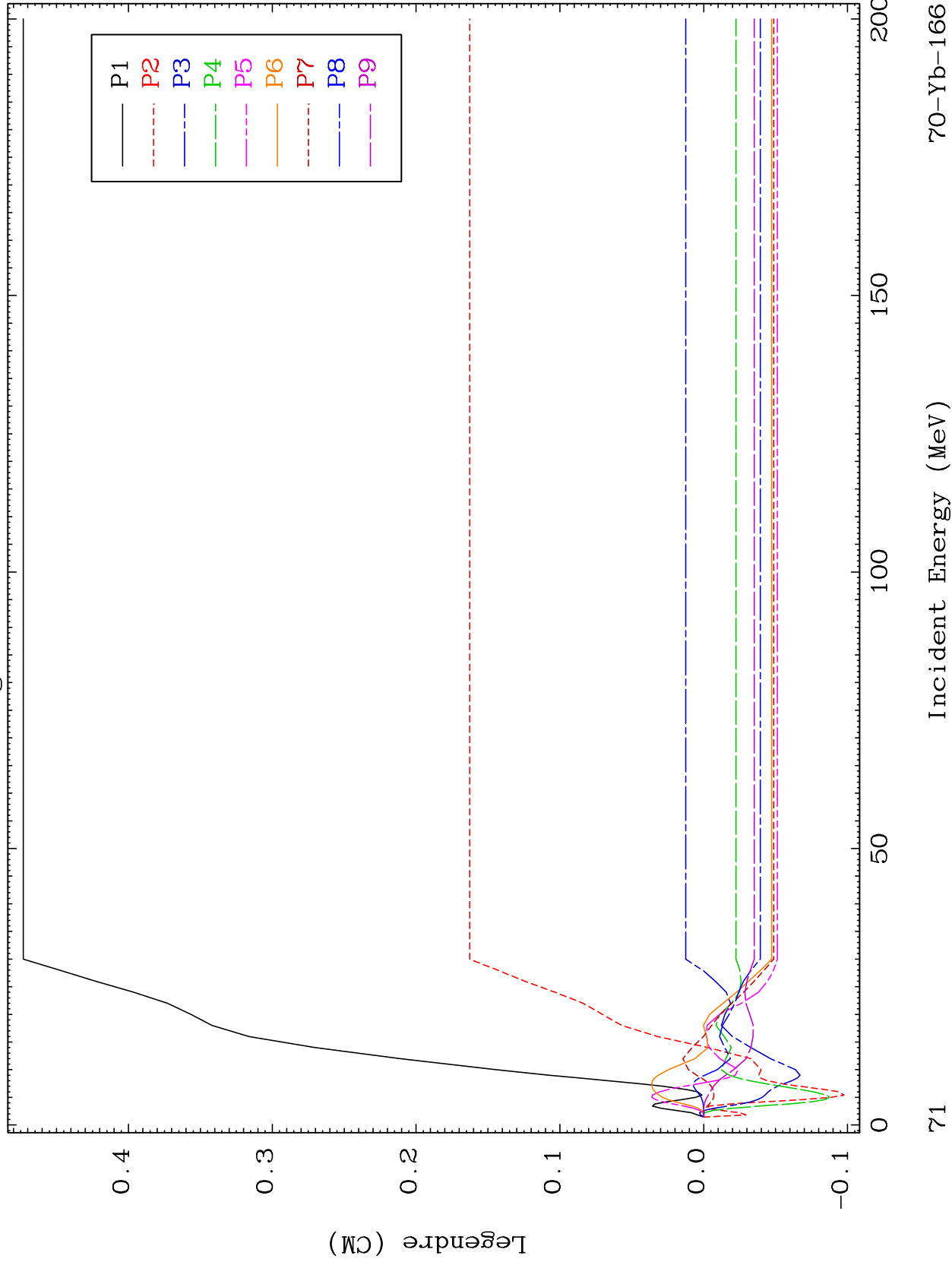
70-Yb-166



MAT 7019

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

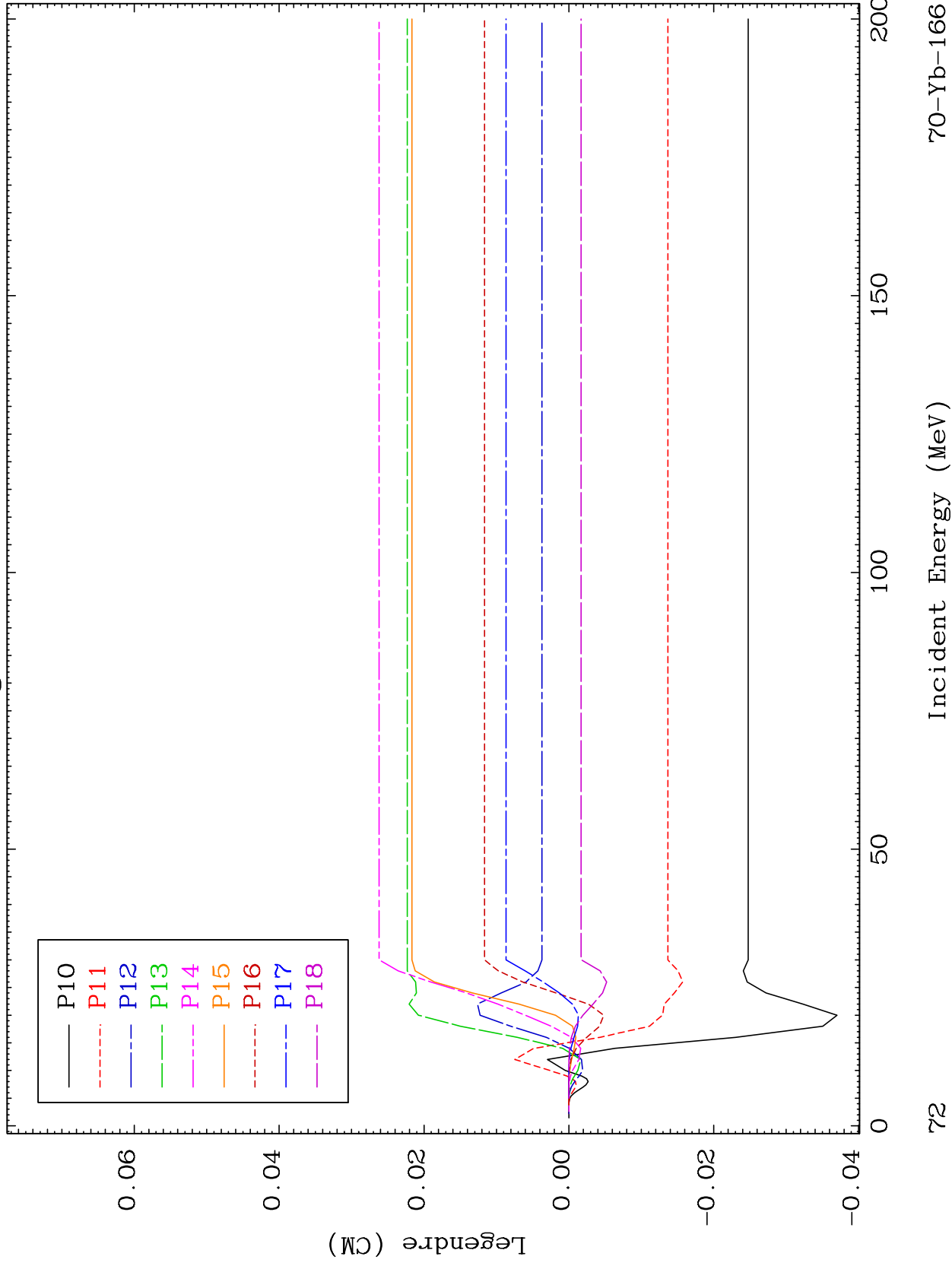
70-Yb-166



MAT 7019

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

70-Yb-166



72

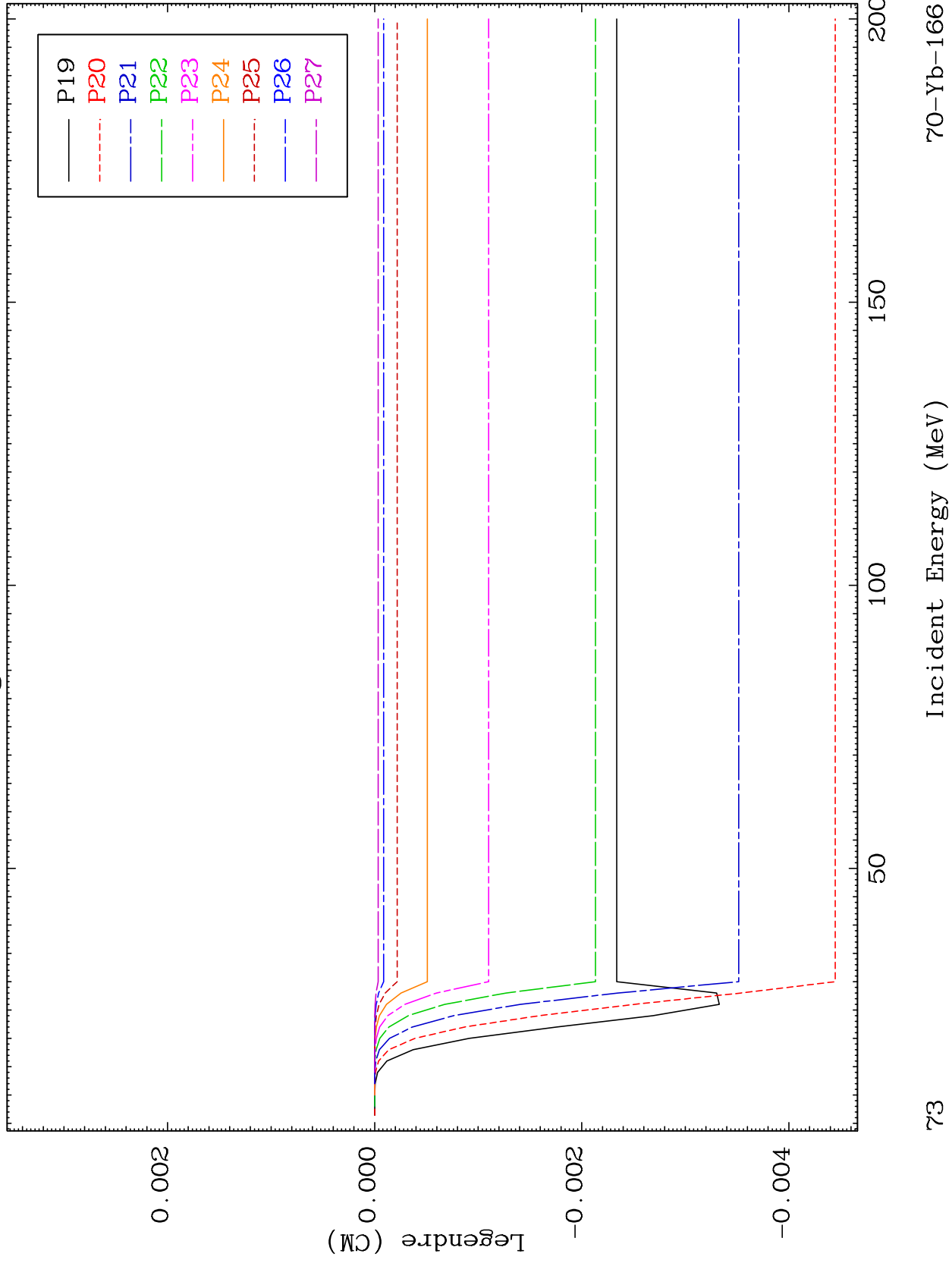
Incident Energy (MeV)

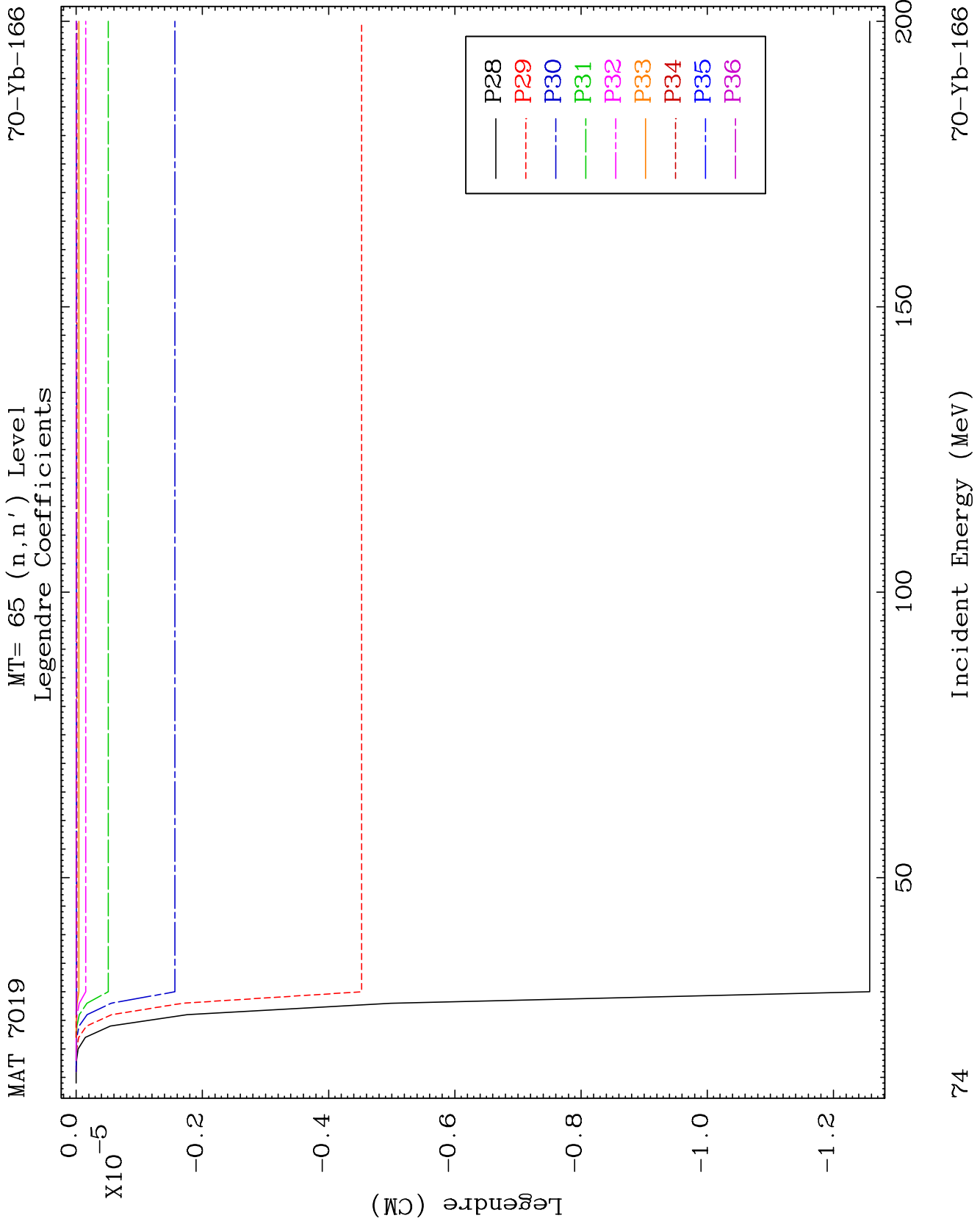
70-Yb-166

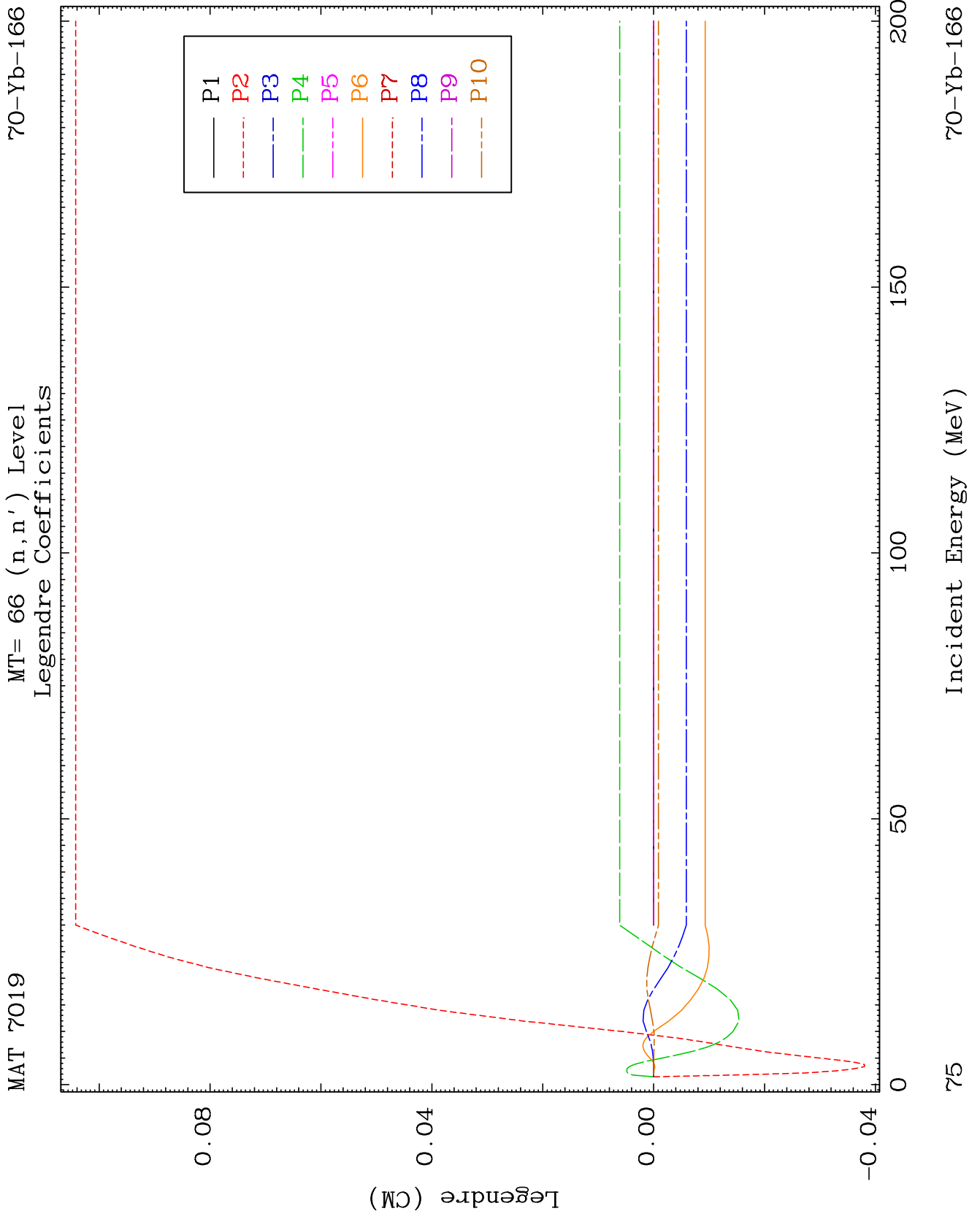
MAT 7019

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

70-Yb-166



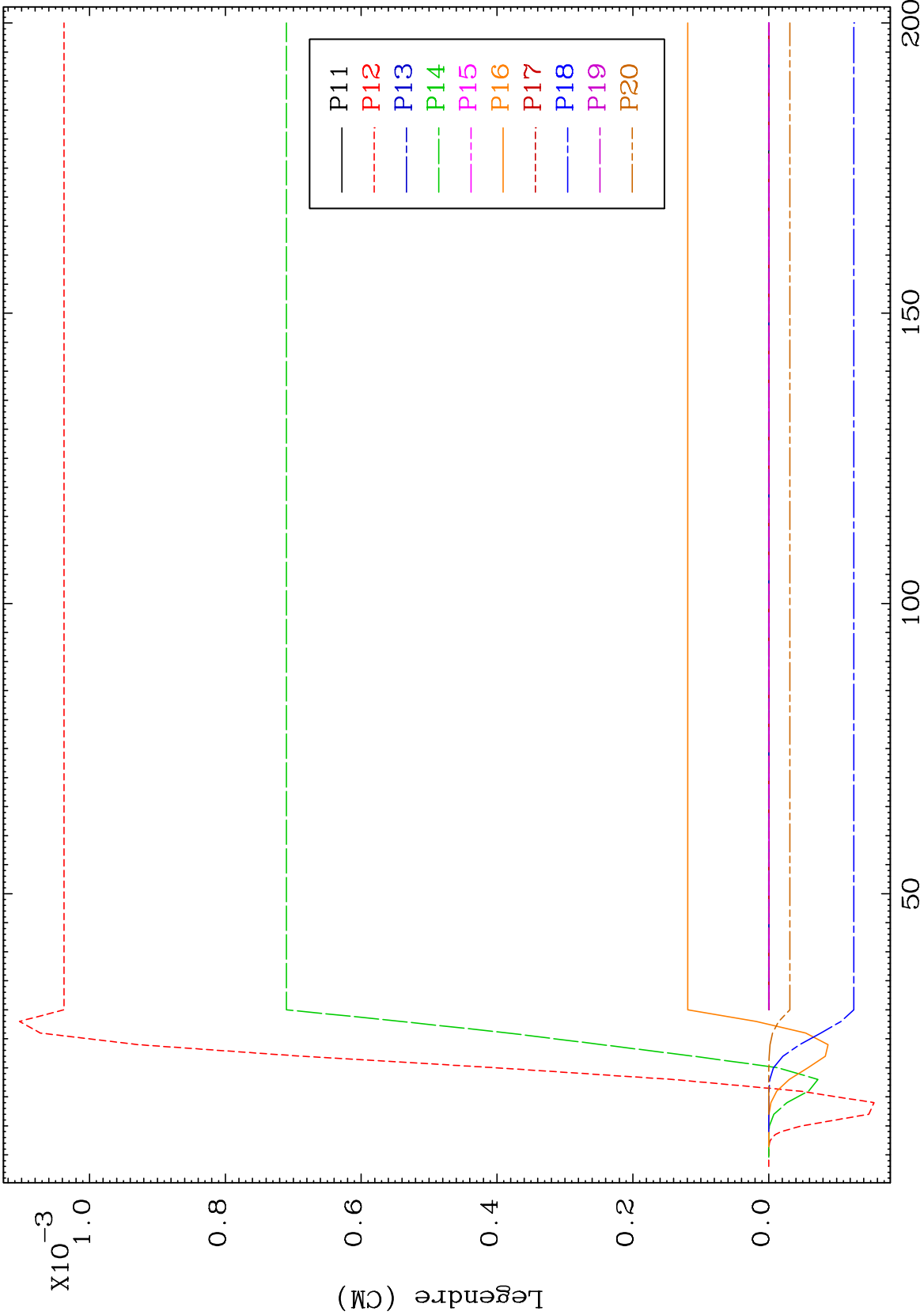




MAT 7019

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

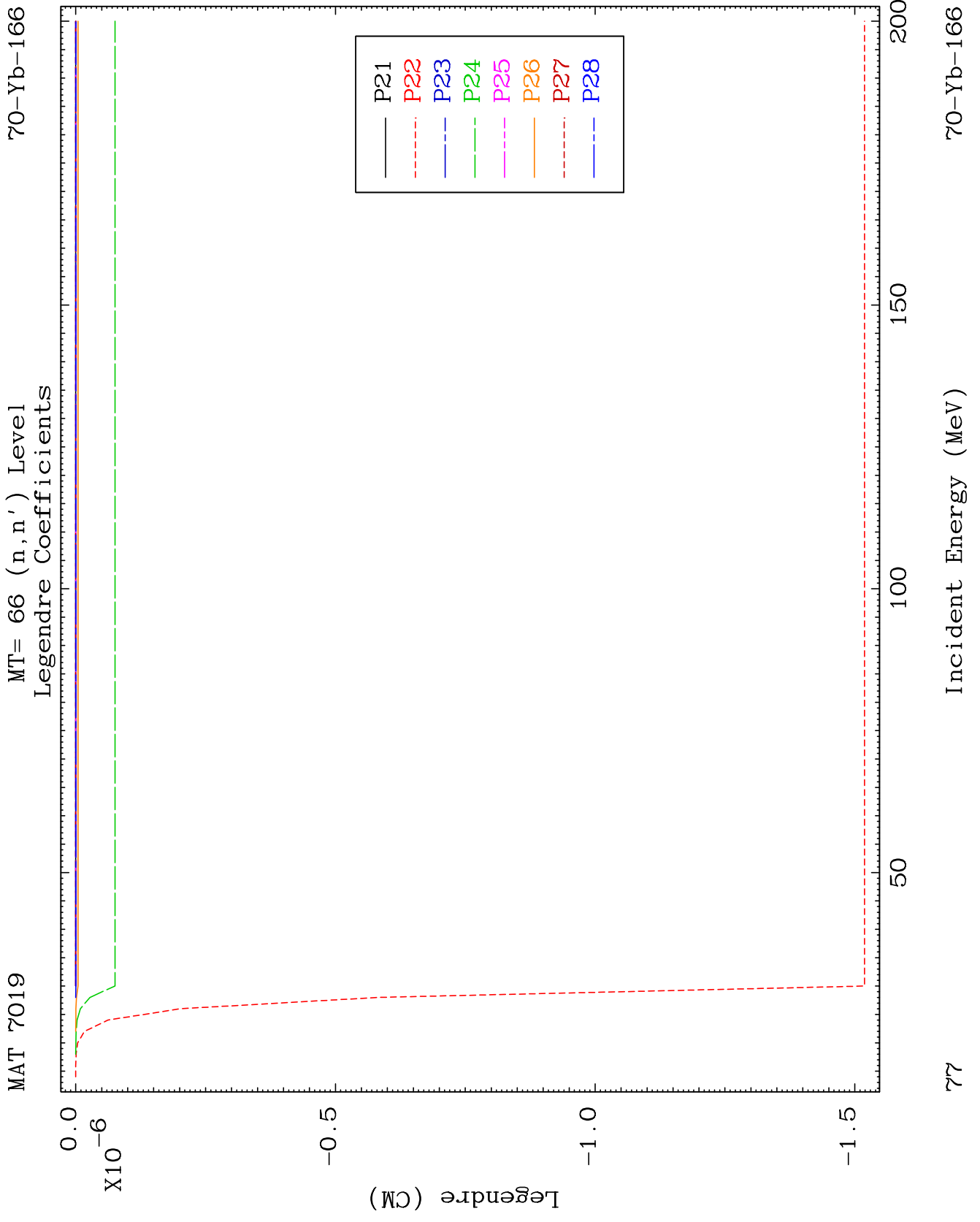
70-Yb-166



76

Incident Energy (MeV)

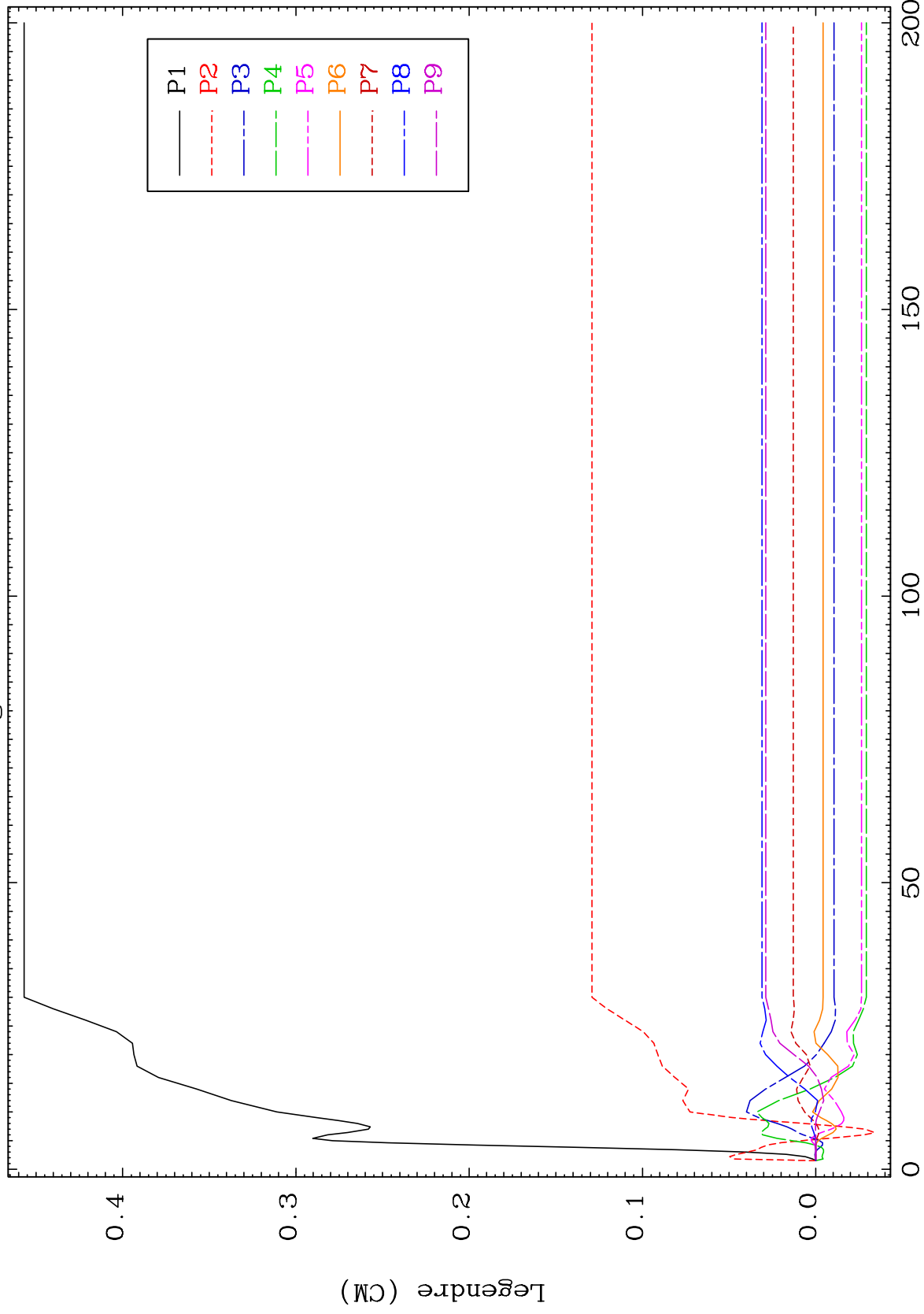
70-Yb-166



MAT 7019

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

70-Yb-166



78

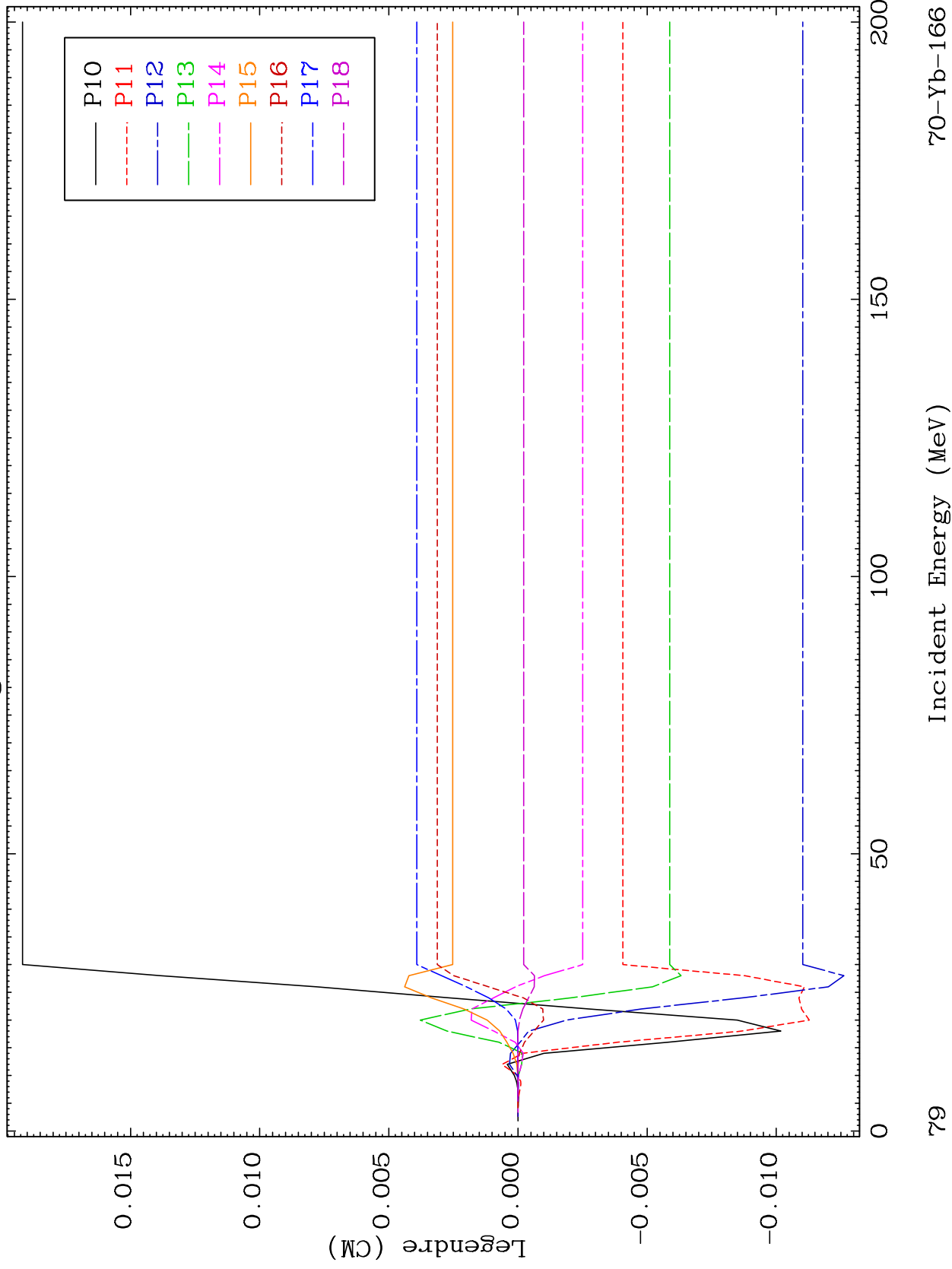
Incident Energy (MeV)

70-Yb-166

MAT 7019

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

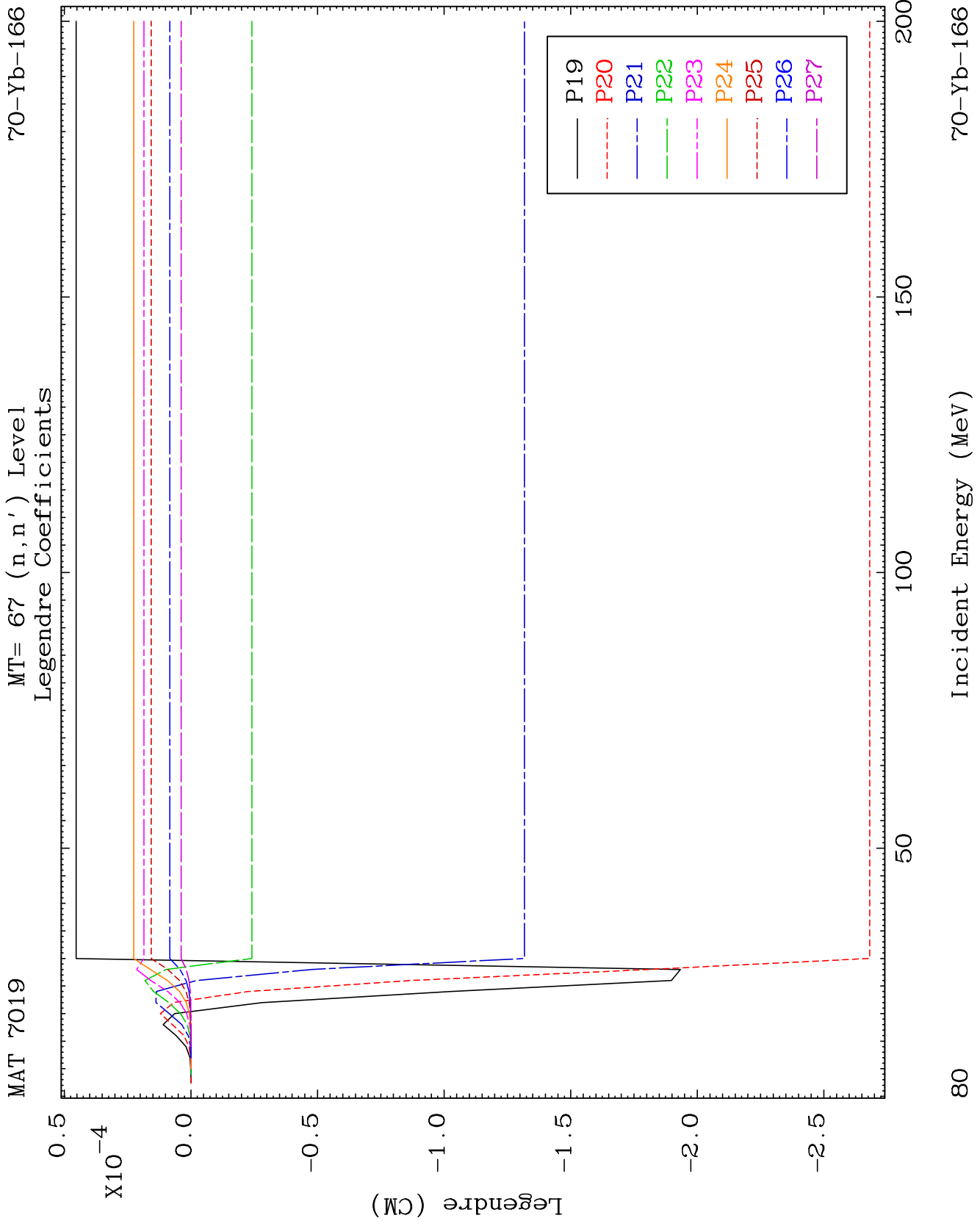
70-Yb-166



79

Incident Energy (MeV)

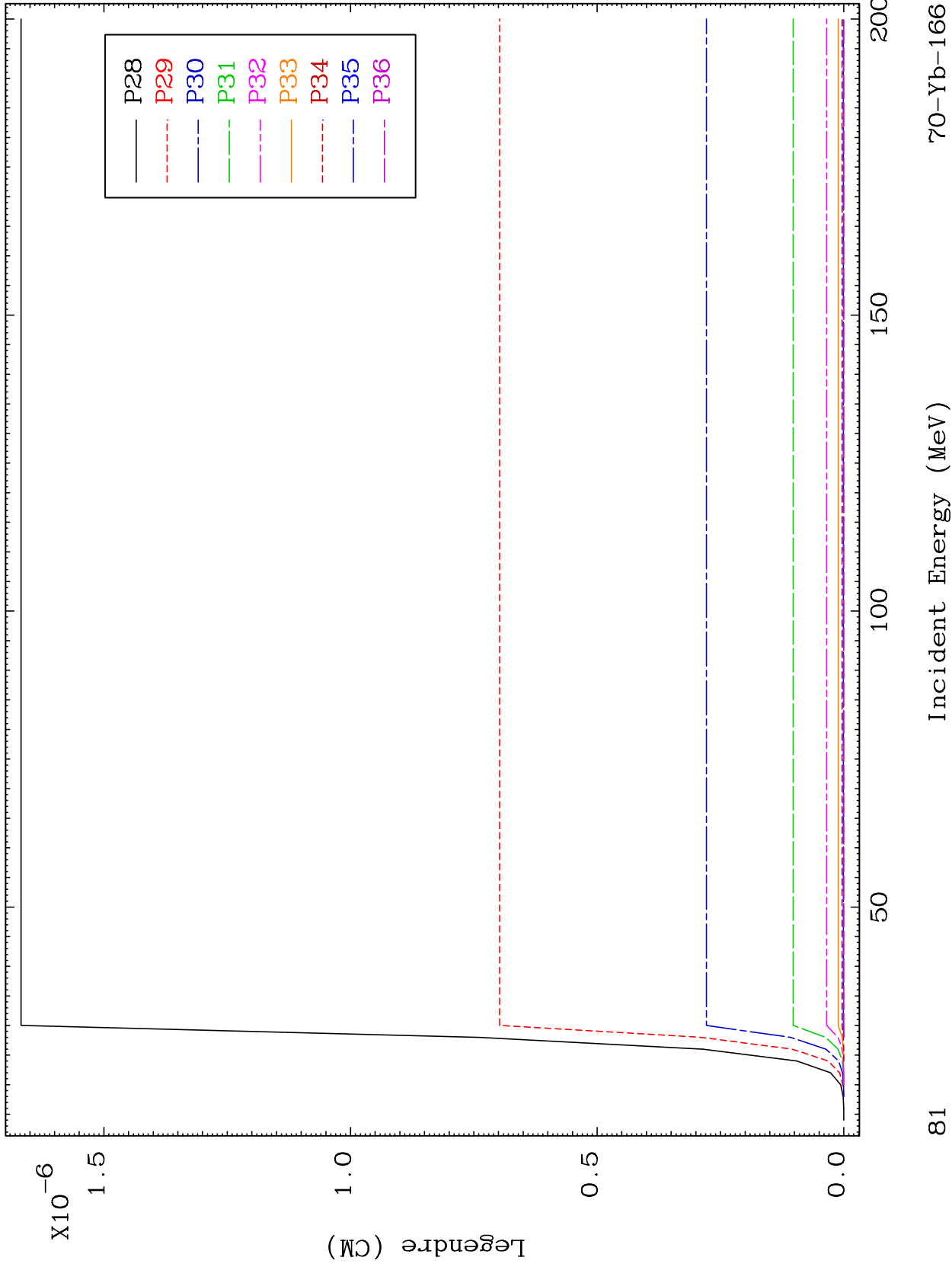
70-Yb-166

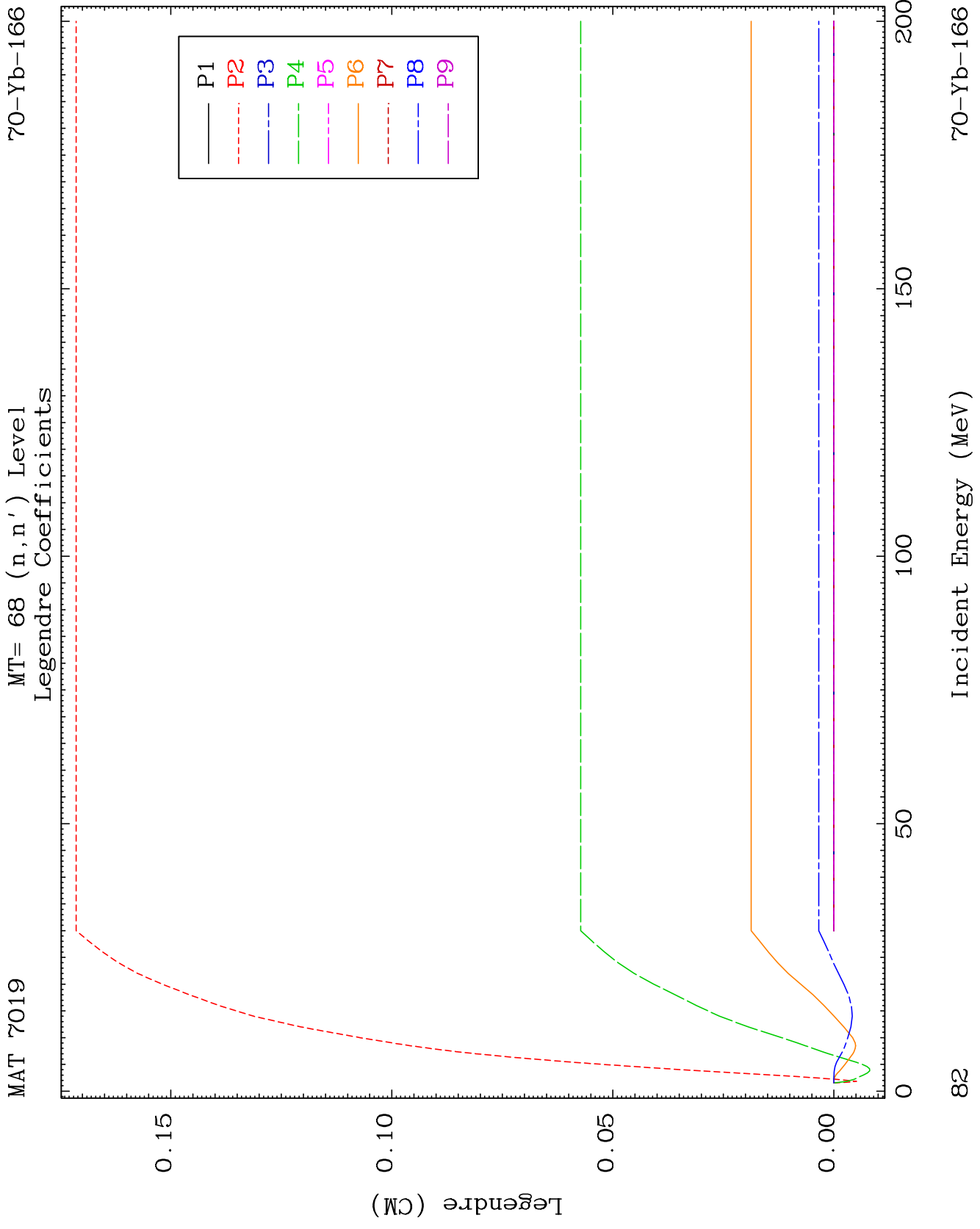


MAT 7019

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

70-Yb-166

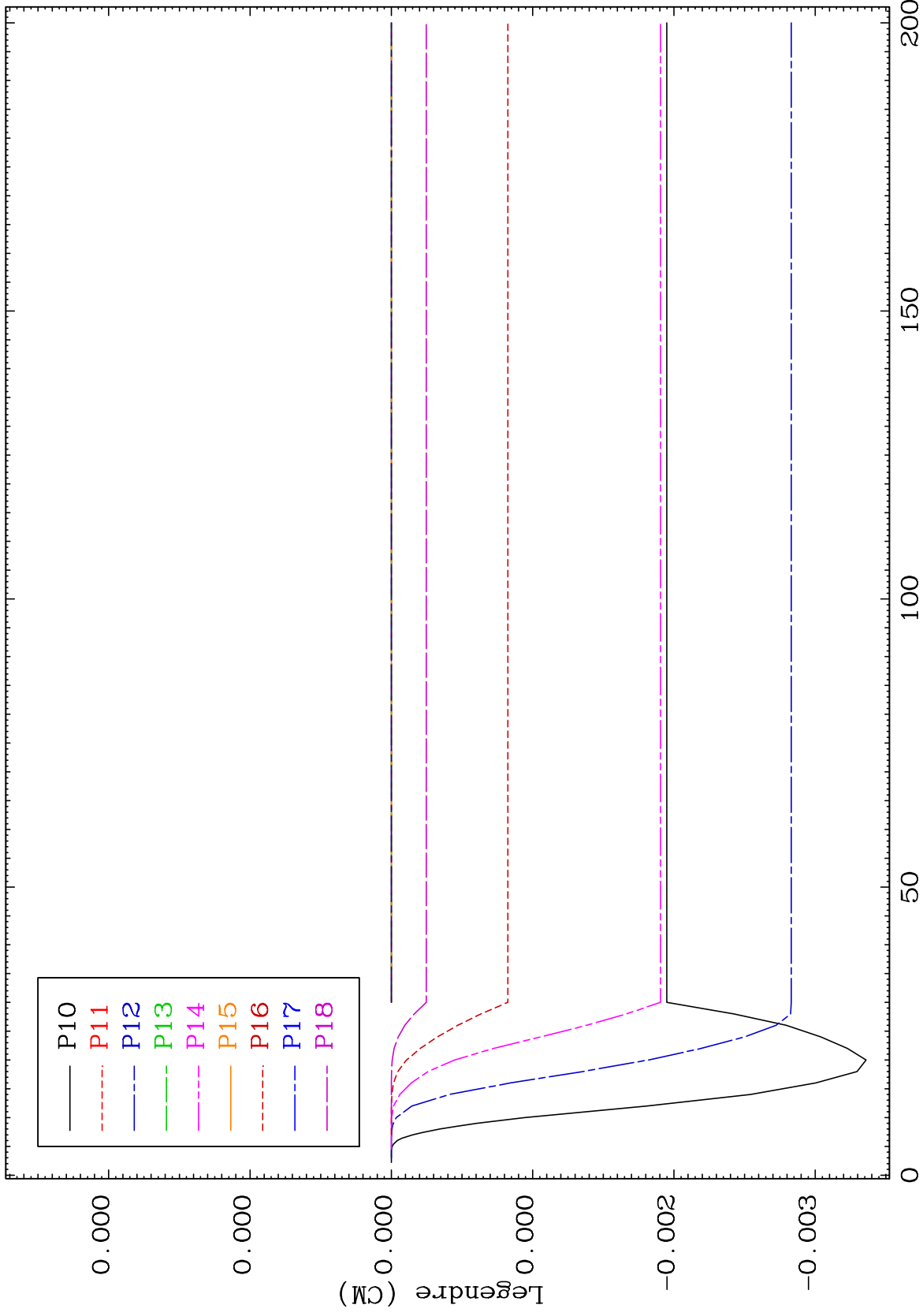




MAT 7019

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

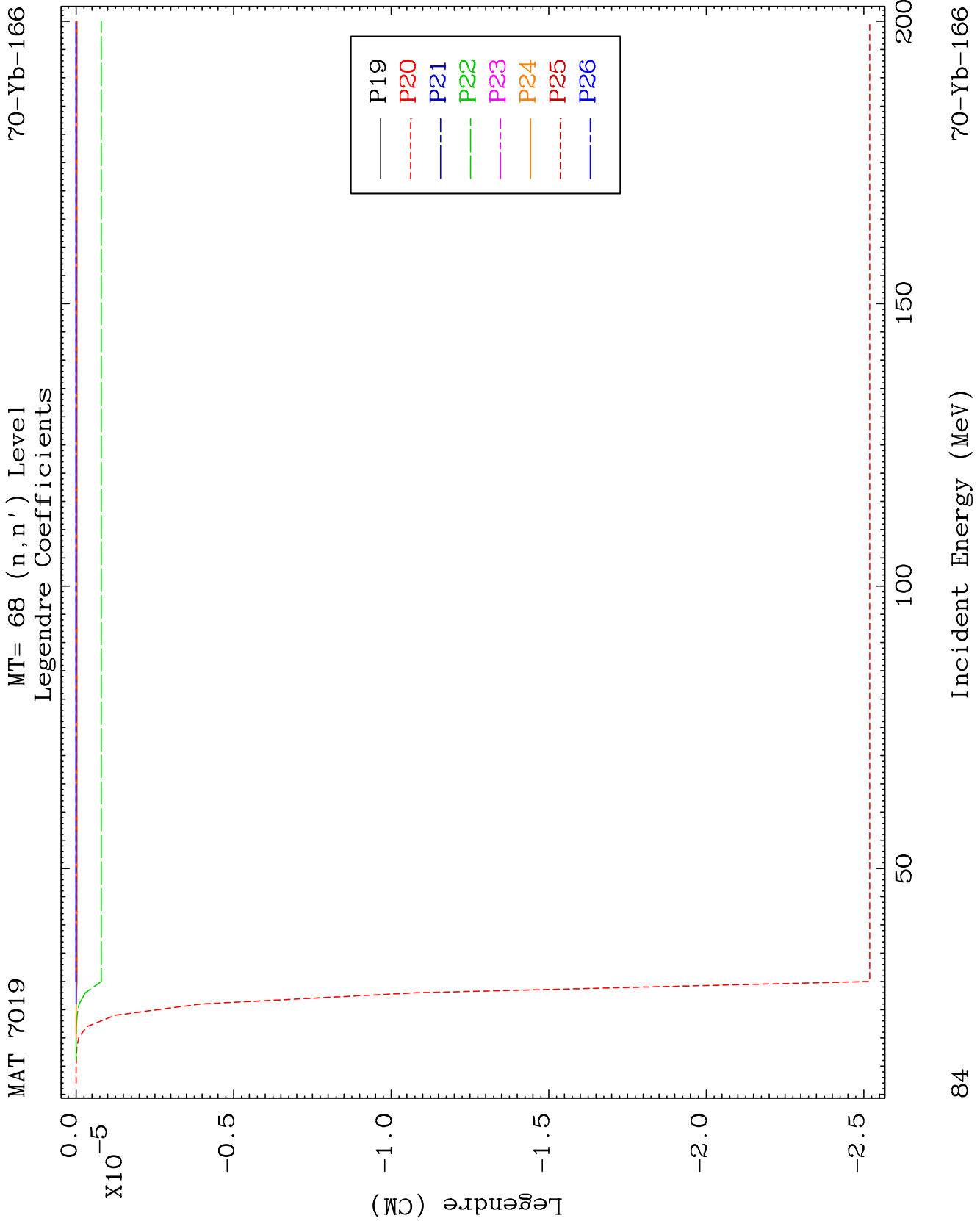
70-Yb-166

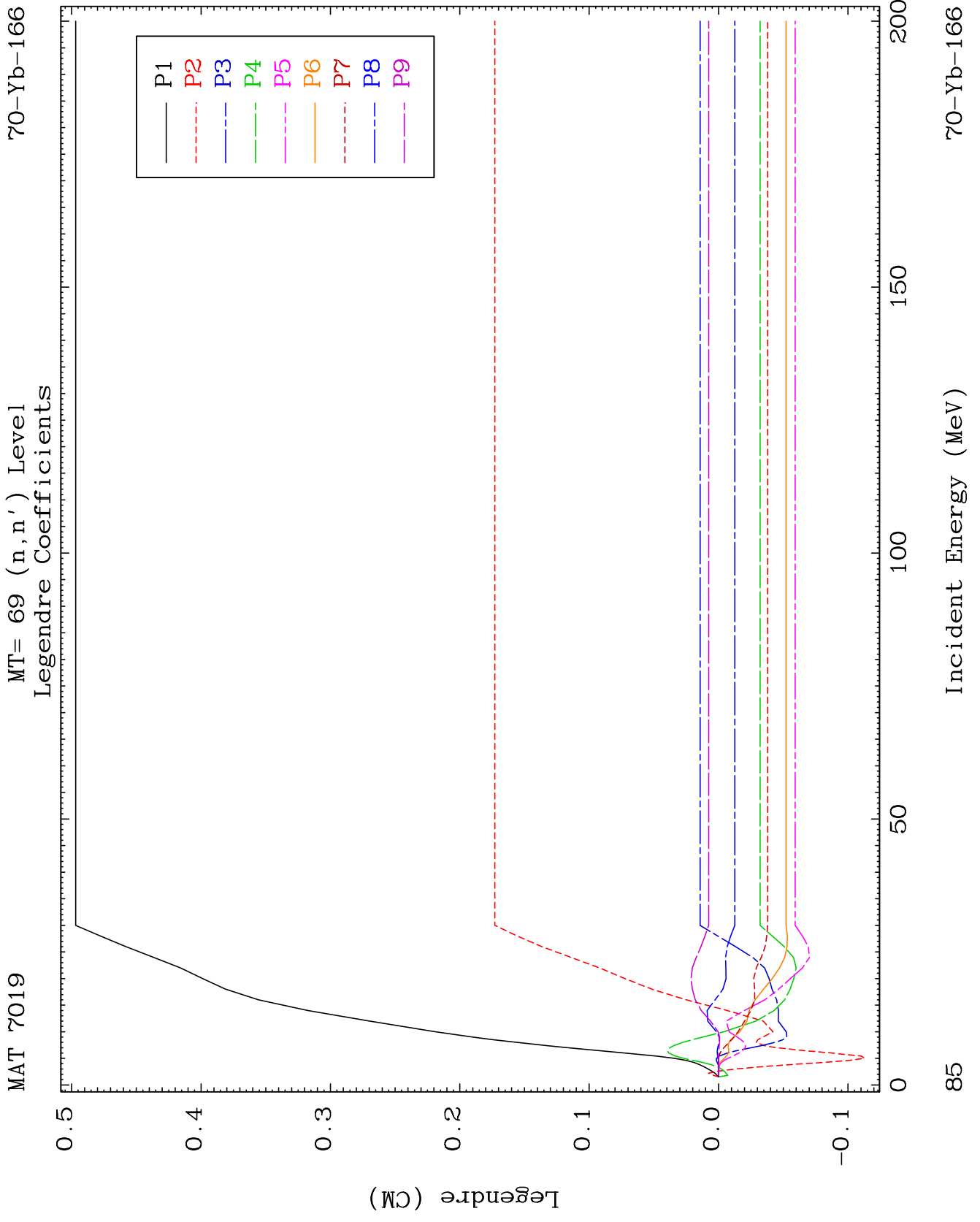


83

Incident Energy (MeV)

70-Yb-166

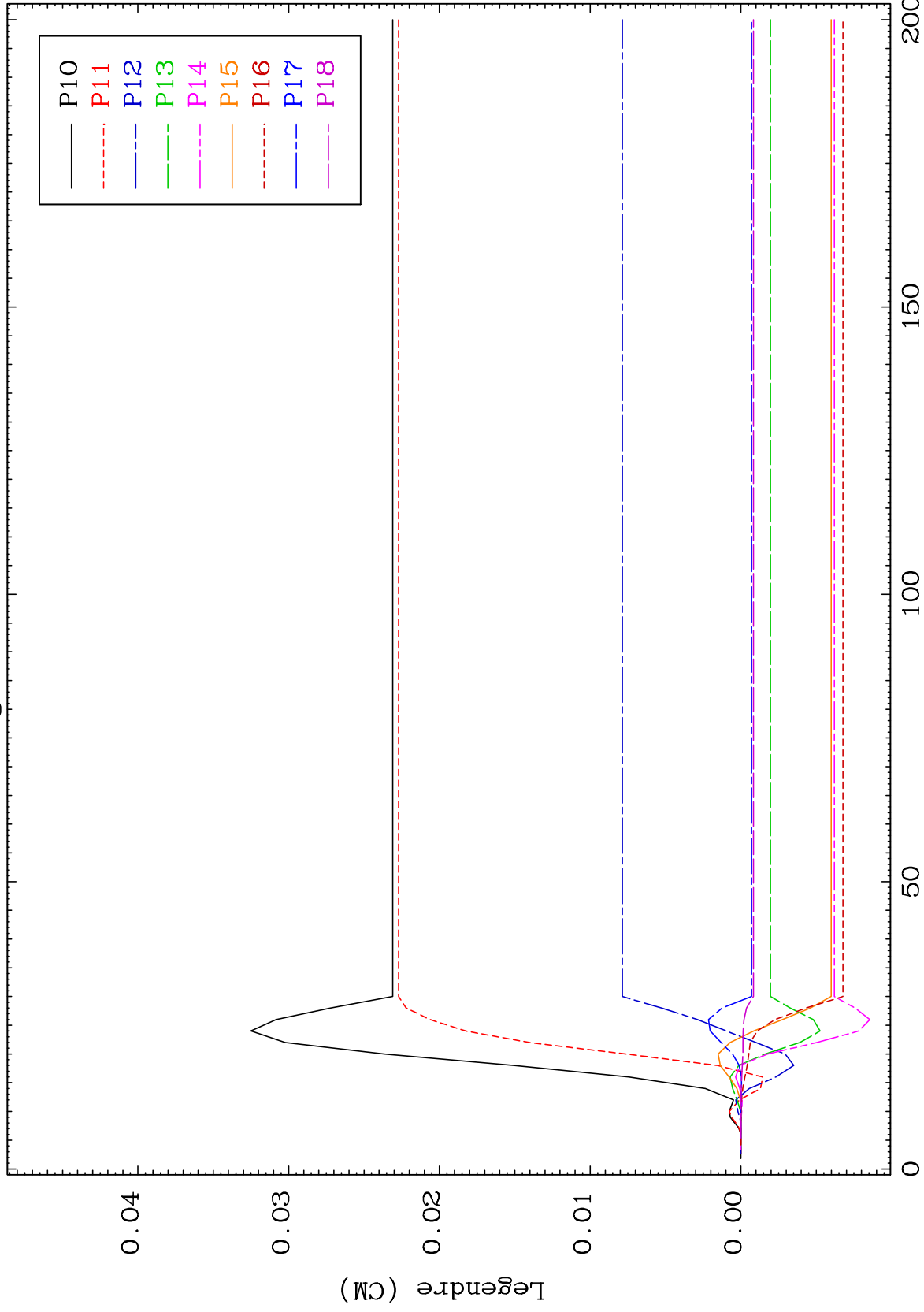




MAT 7019

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

70-Yb-166



86

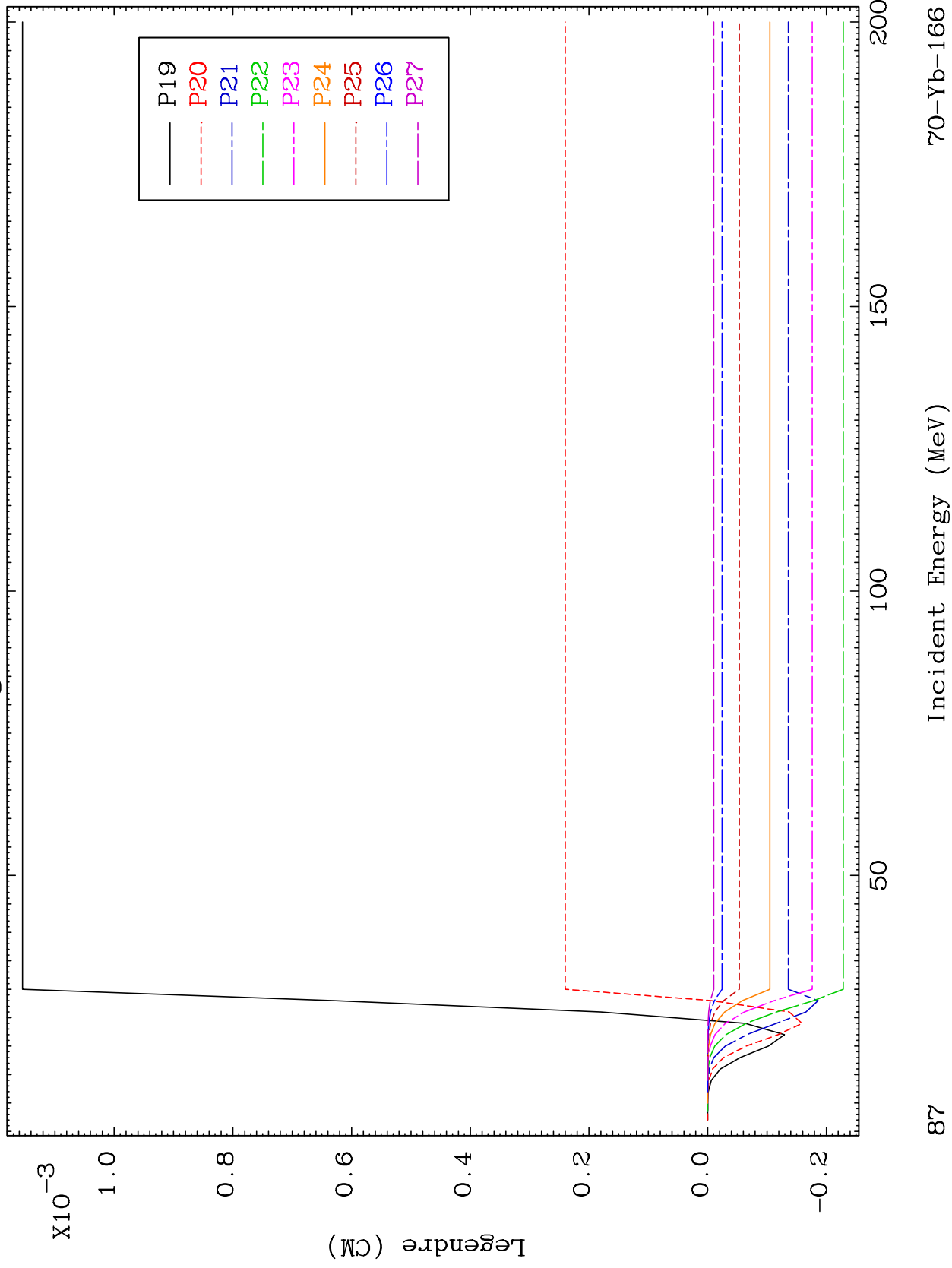
Incident Energy (MeV)

70-Yb-166

MAT 7019

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

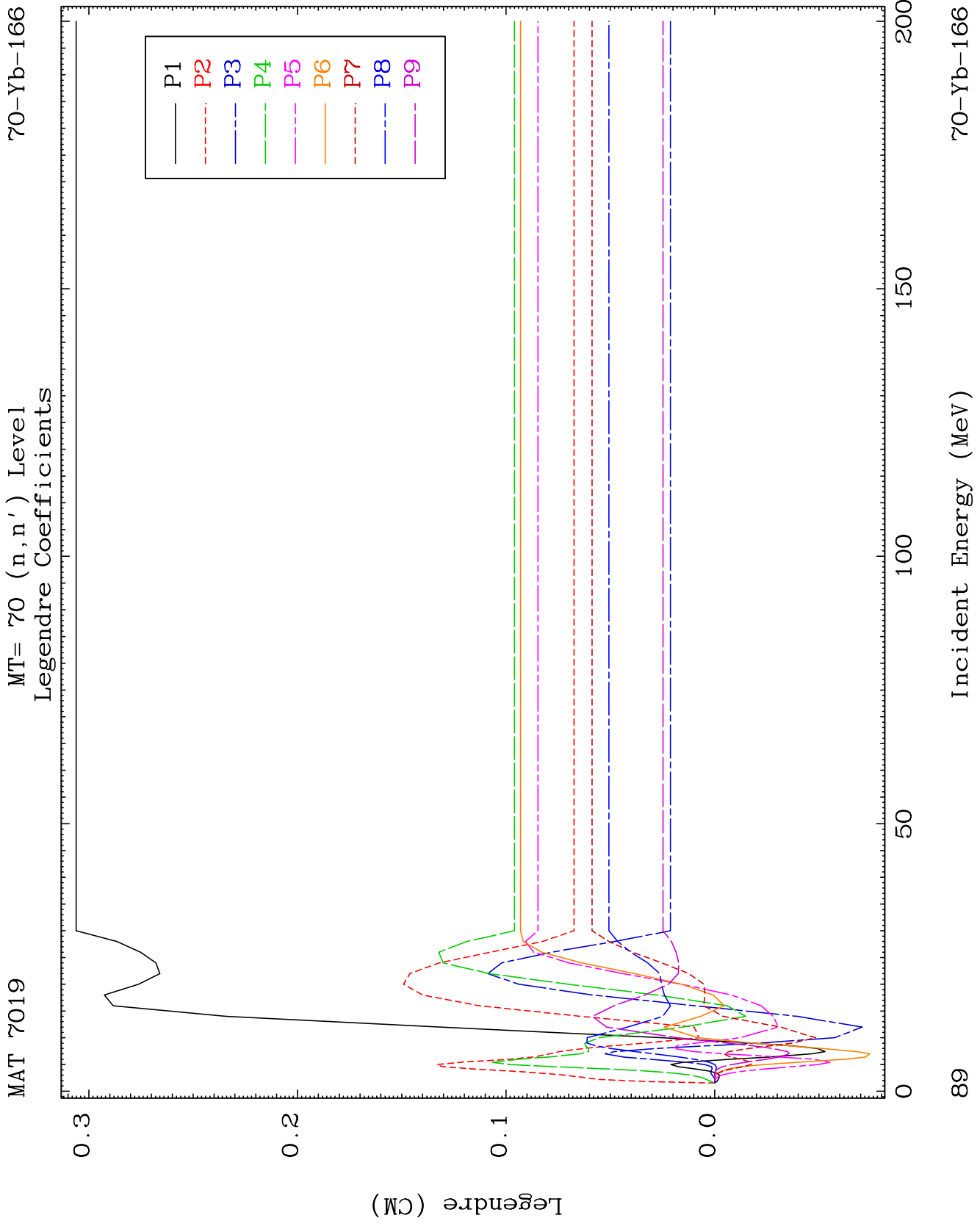
70-Yb-166

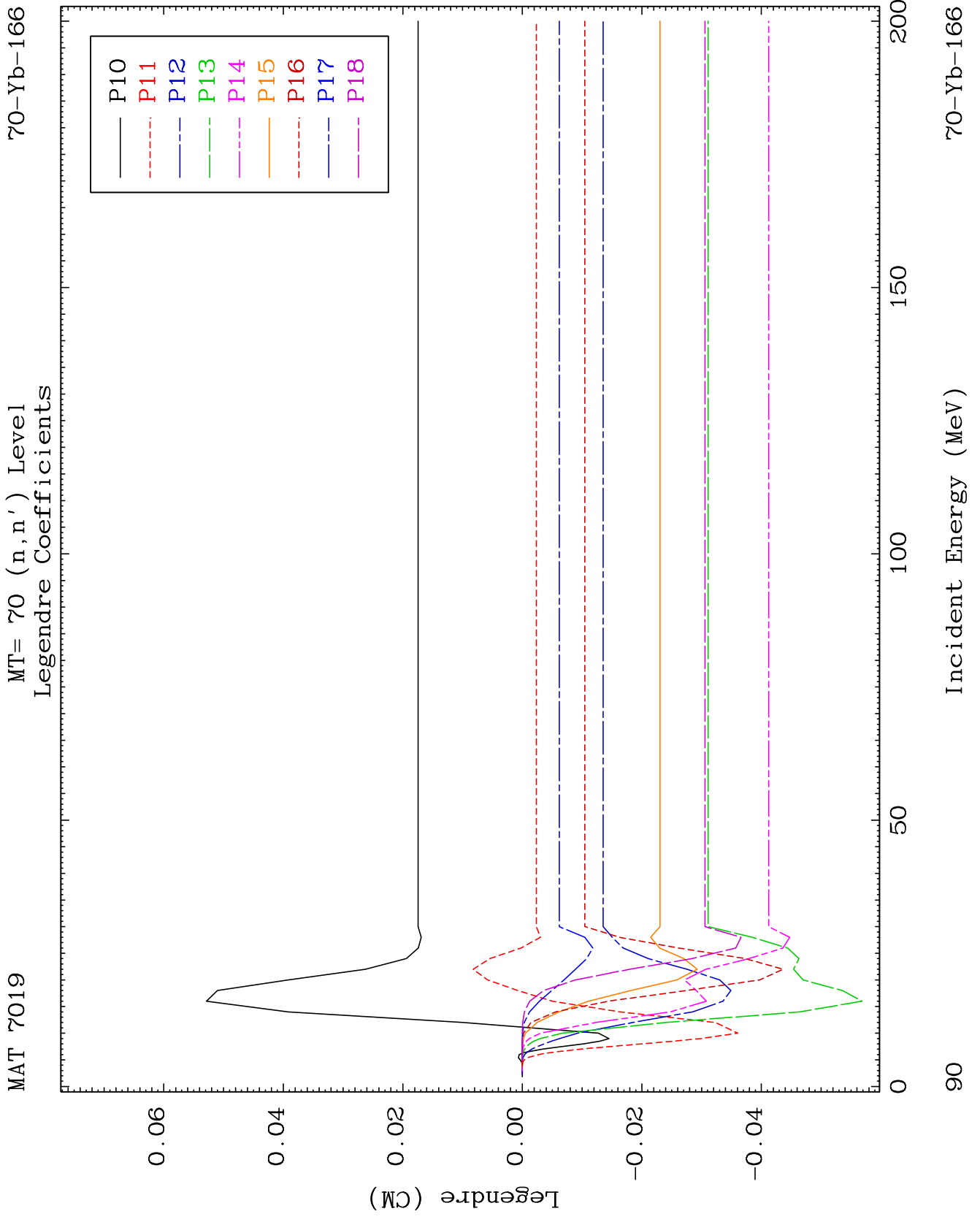


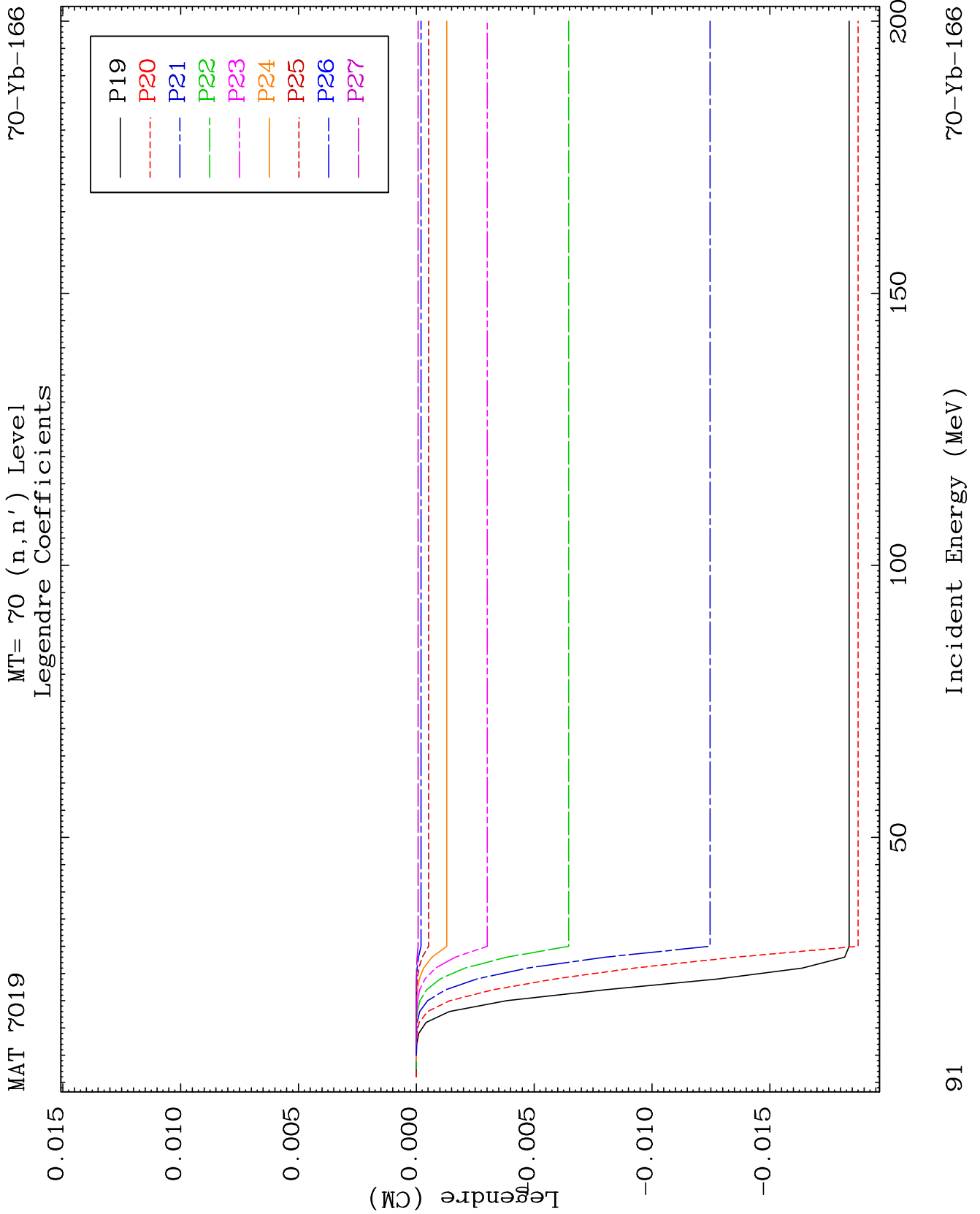
87

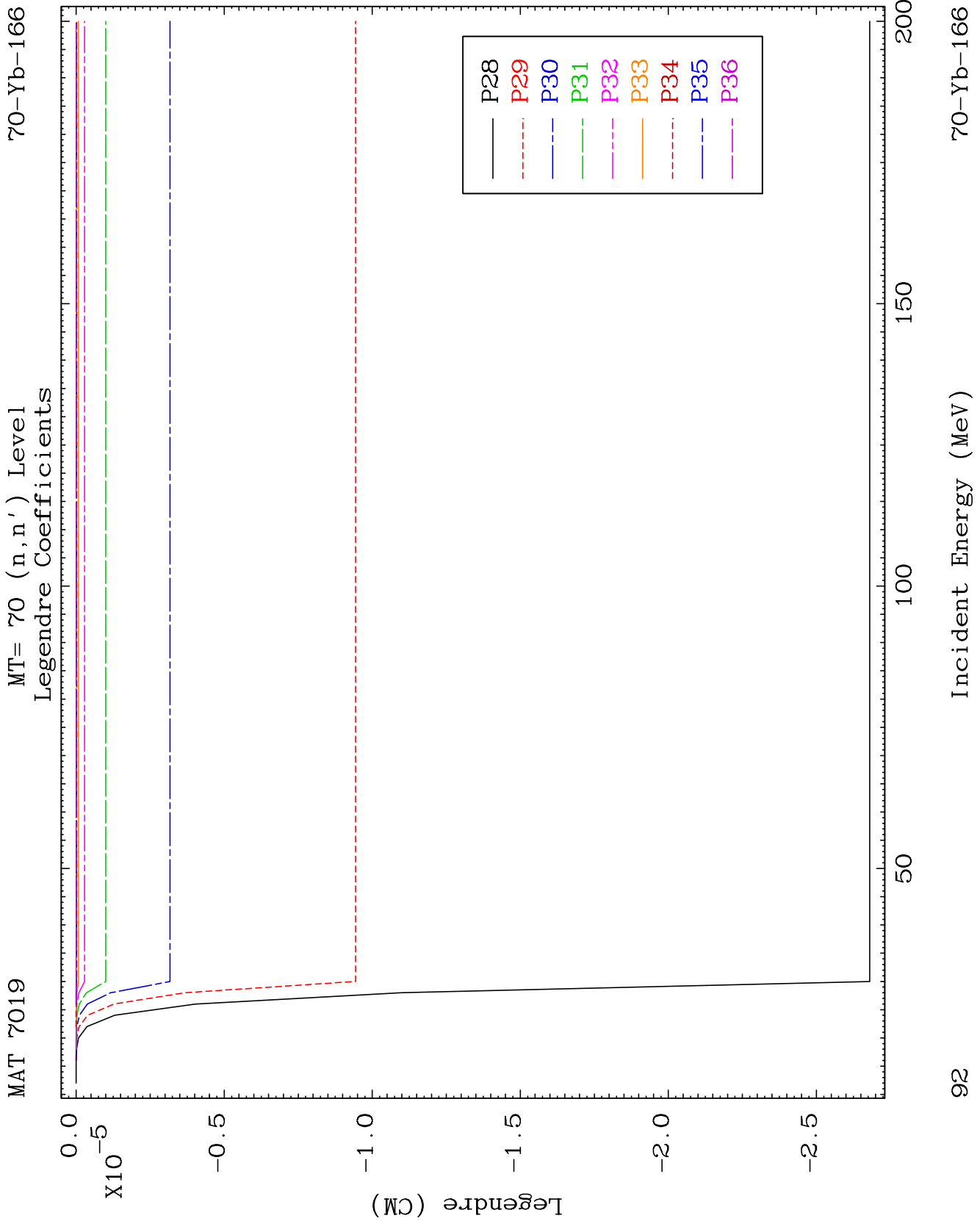
Incident Energy (MeV)

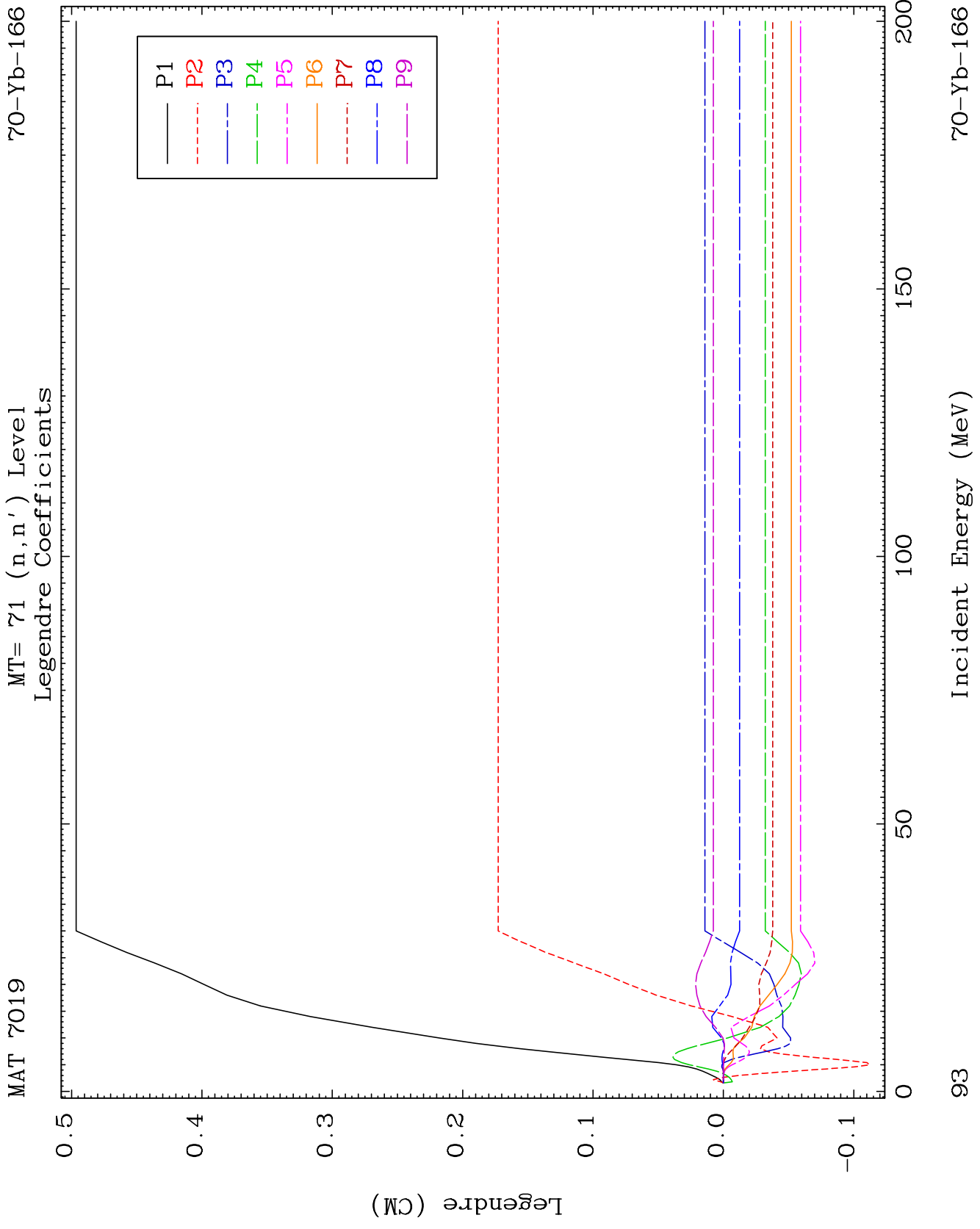
70-Yb-166







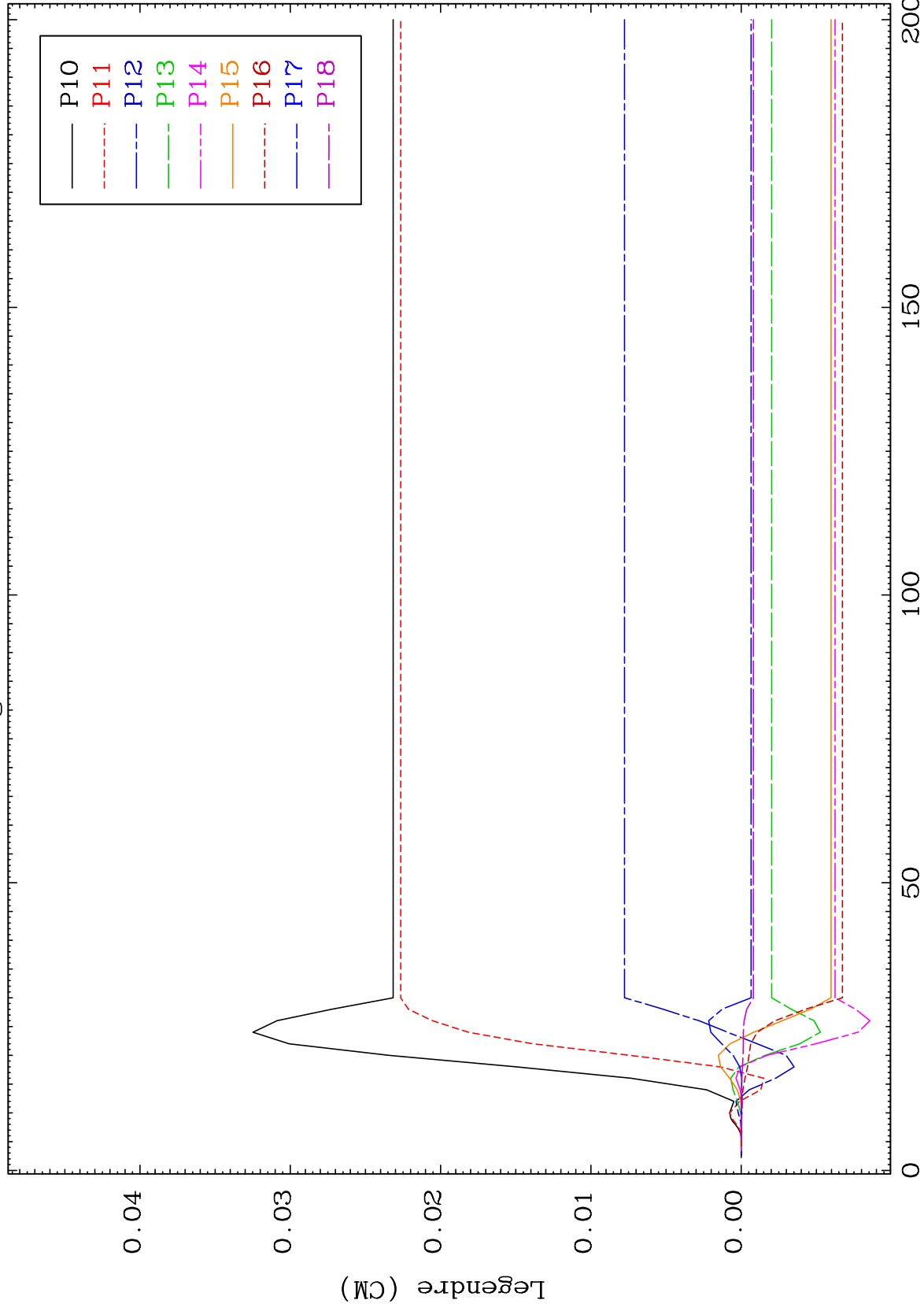




MAT 7019

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

70-Yb-166



94

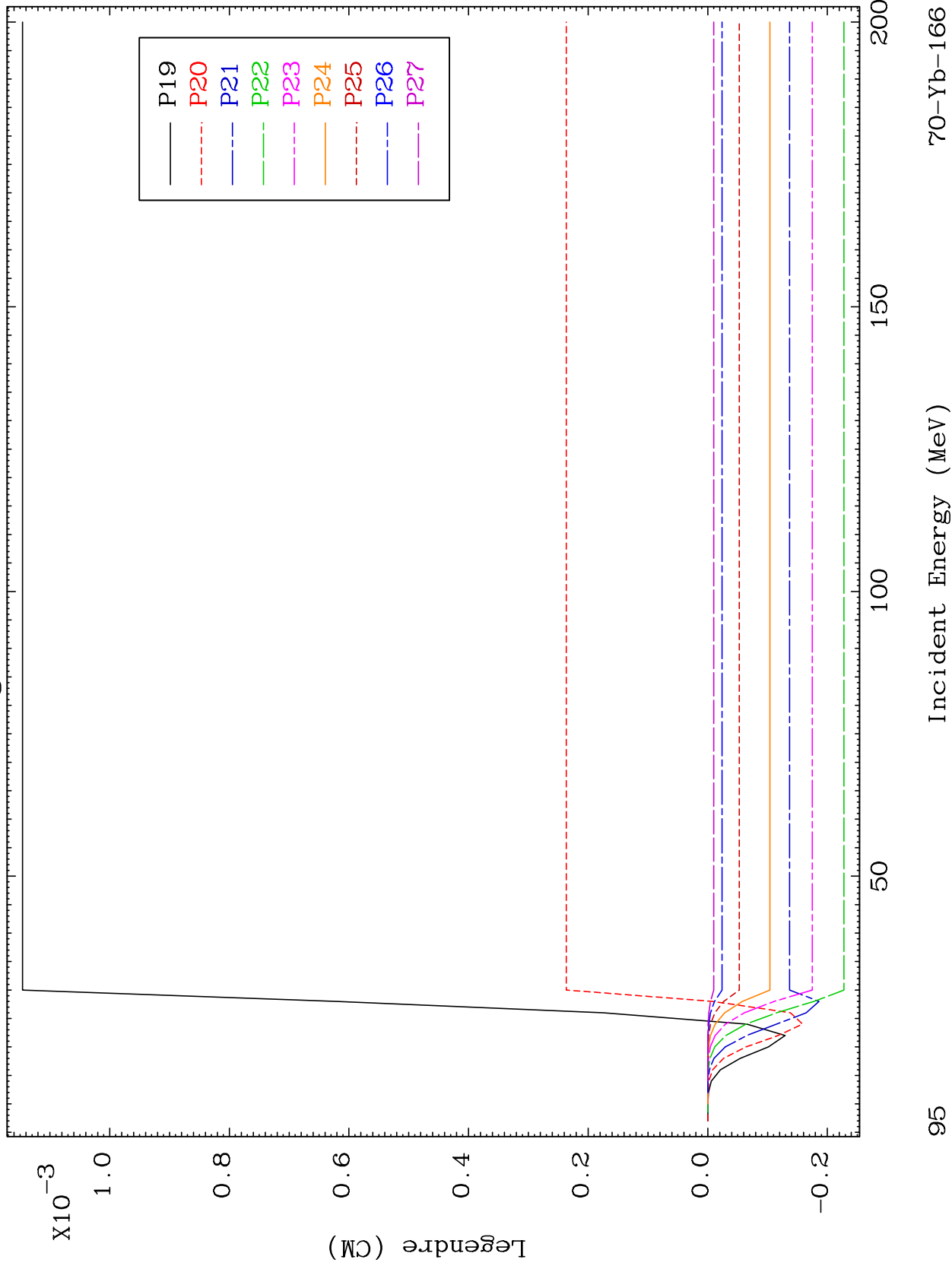
Incident Energy (MeV)

70-Yb-166

MAT 7019

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

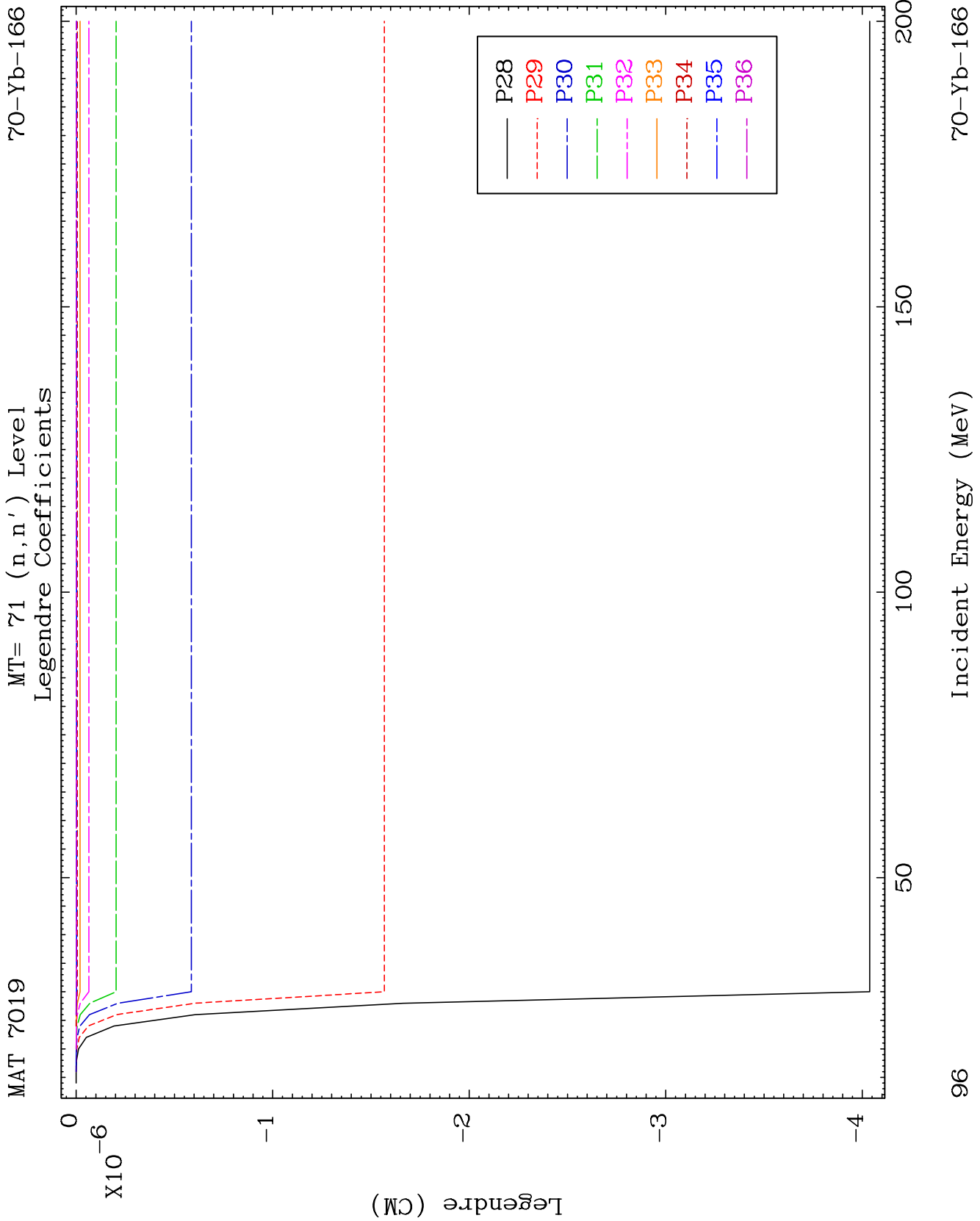
70-Yb-166



95

Incident Energy (MeV)

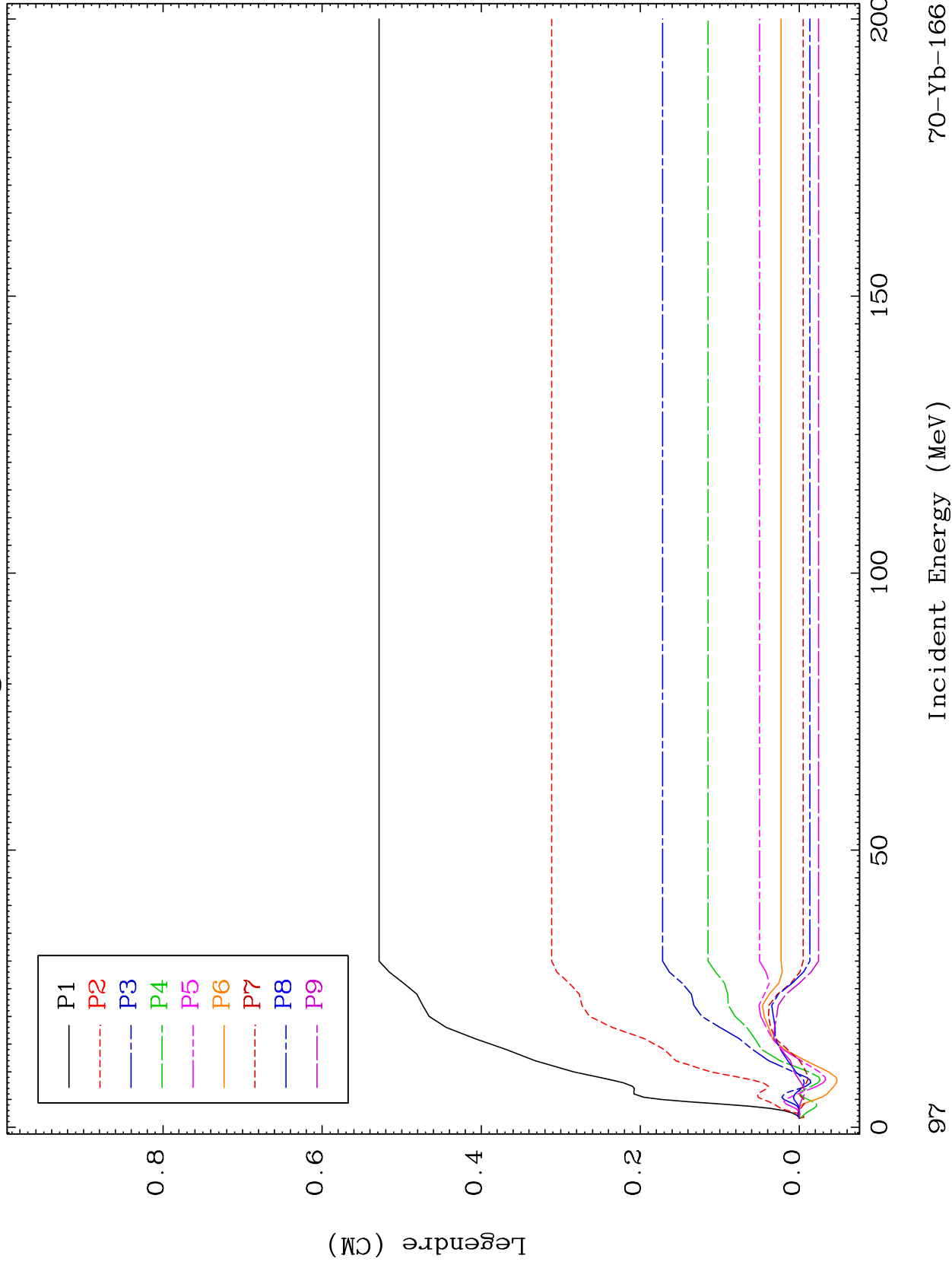
70-Yb-166



MAT 7019

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

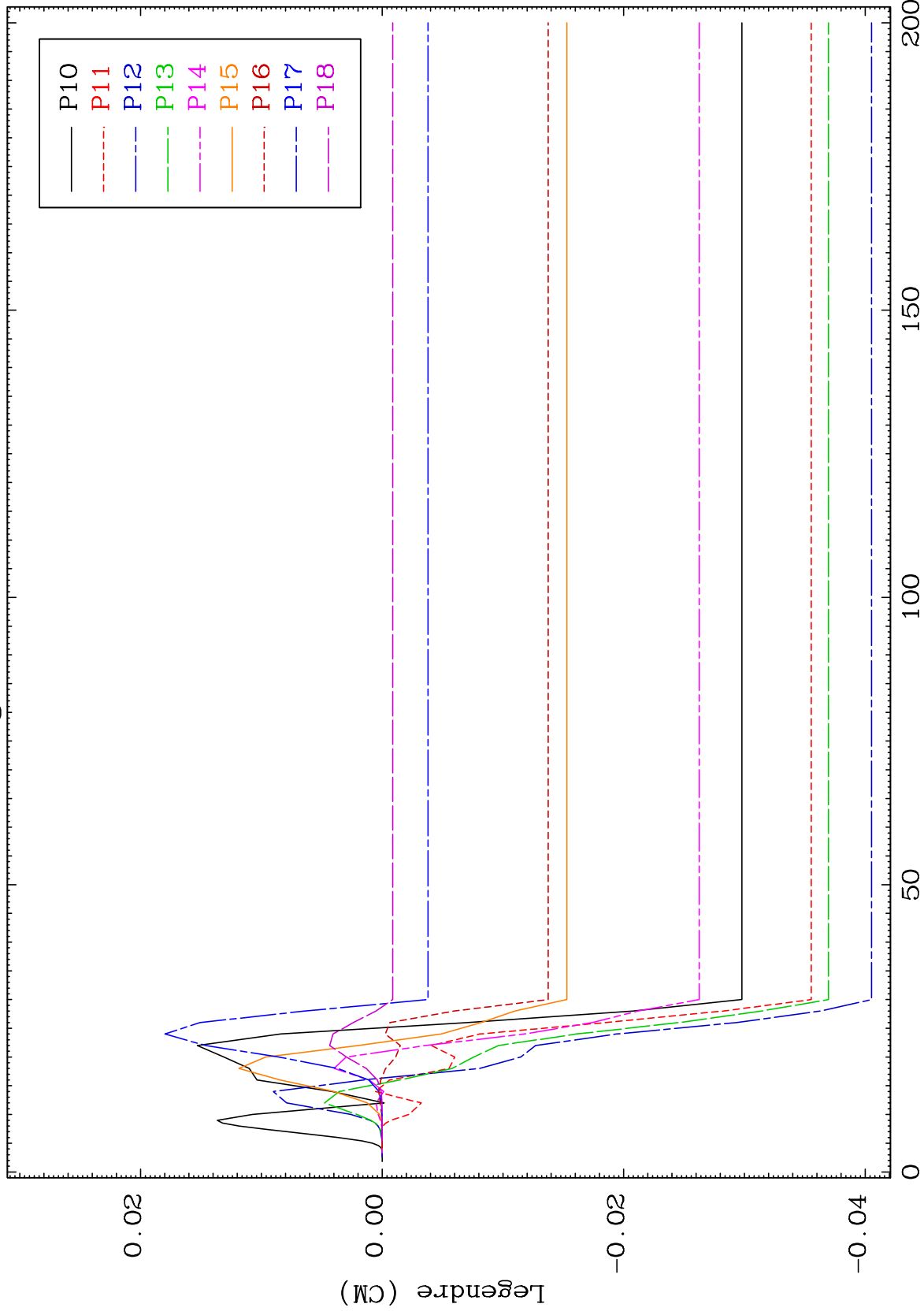
70-Yb-166



MAT 7019

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

70-Yb-166



98

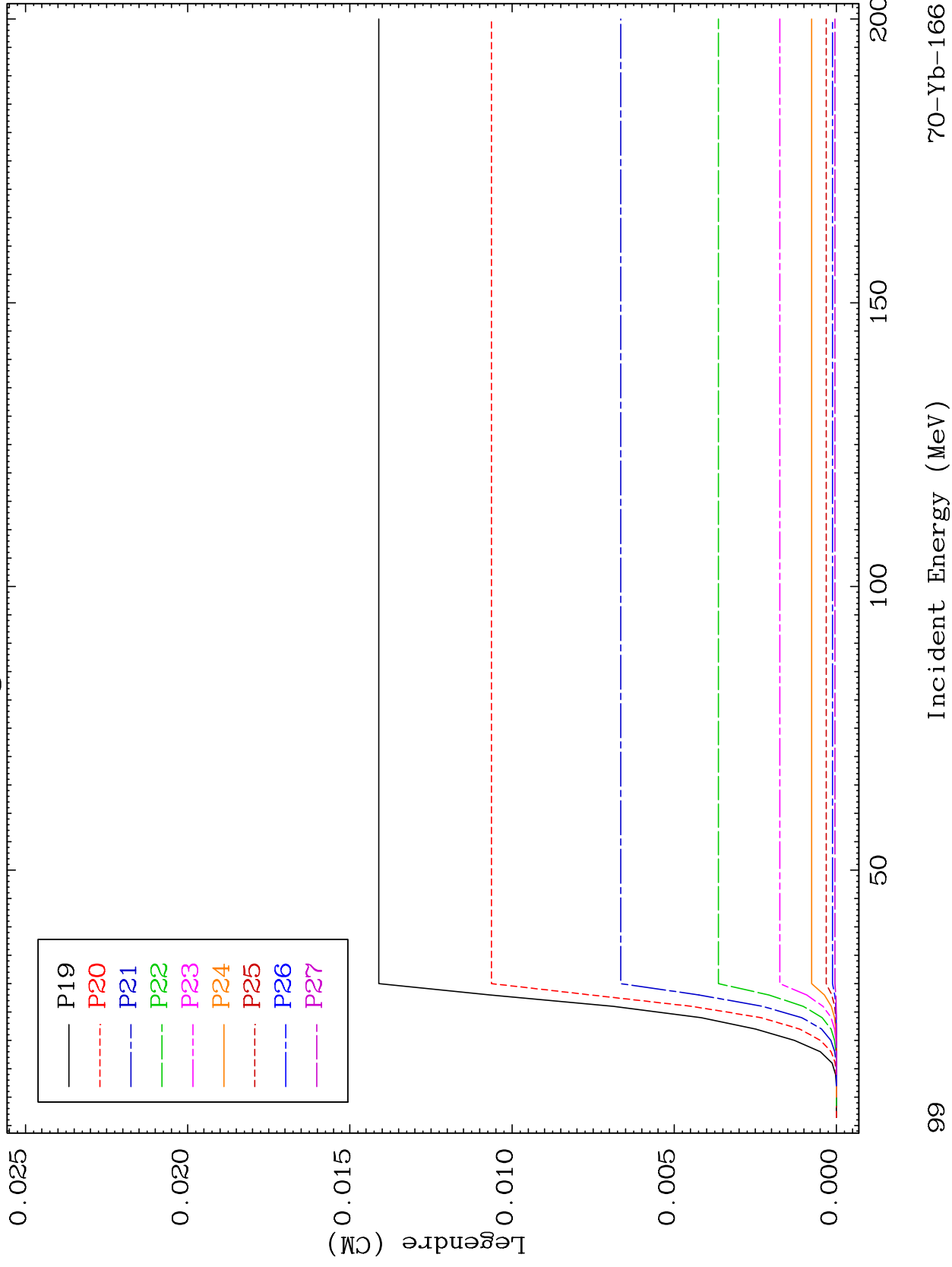
Incident Energy (MeV)

70-Yb-166

MAT 7019

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

70-Yb-166



99

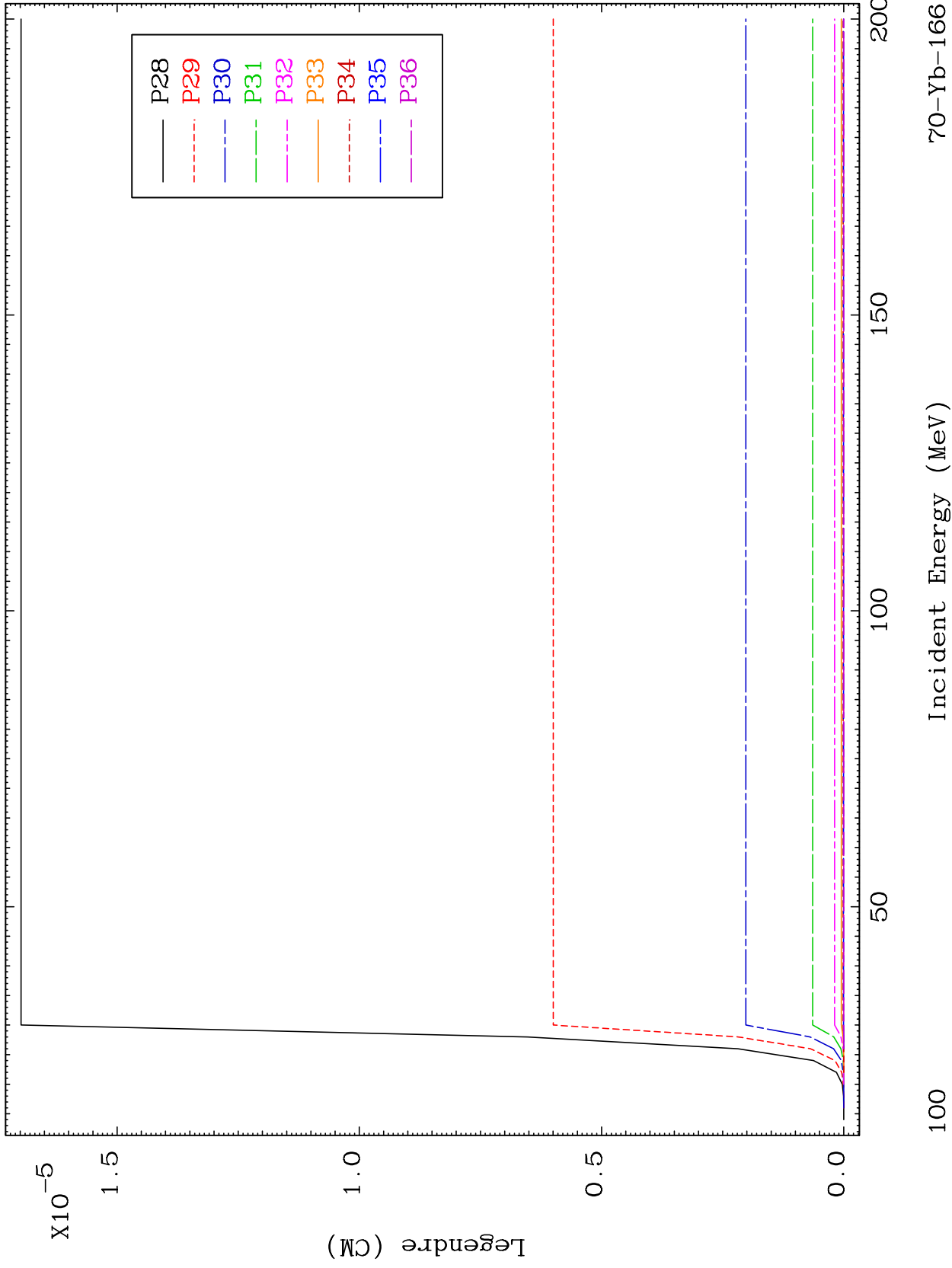
Incident Energy (MeV)

70-Yb-166

MAT 7019

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

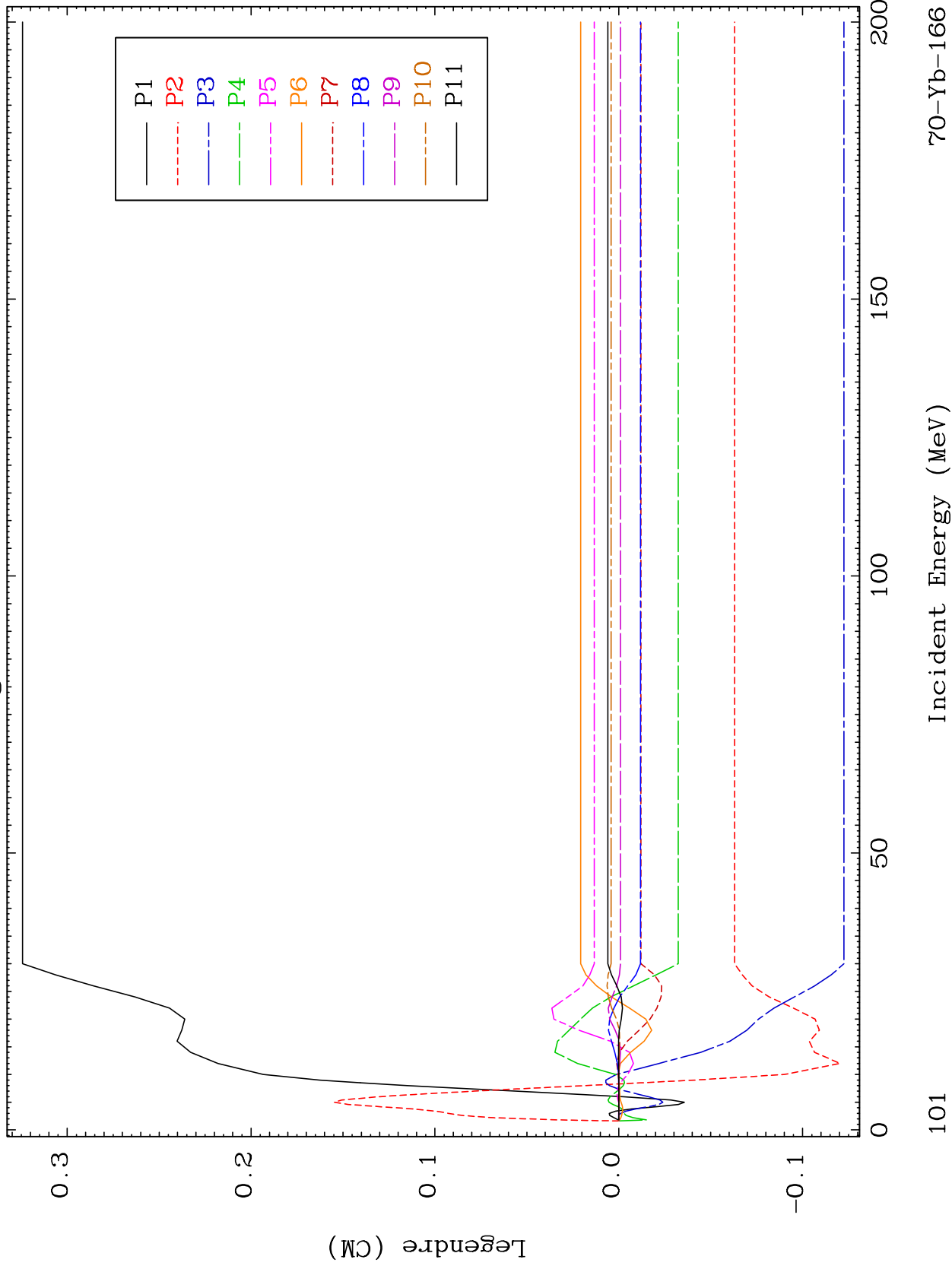
70-Yb-166



MAT 7019

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

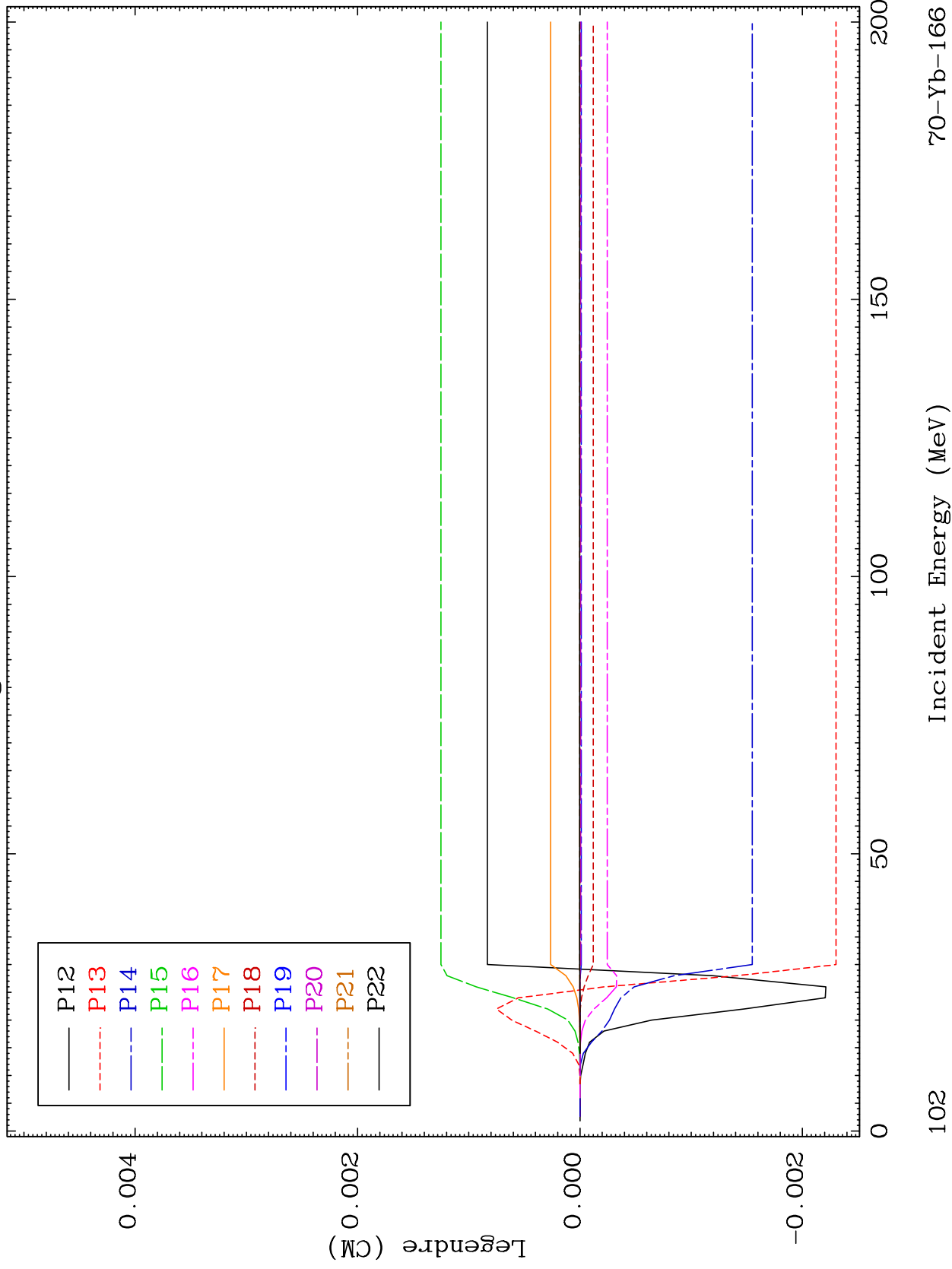
70-Yb-166



MAT 7019

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

70-Yb-166



102

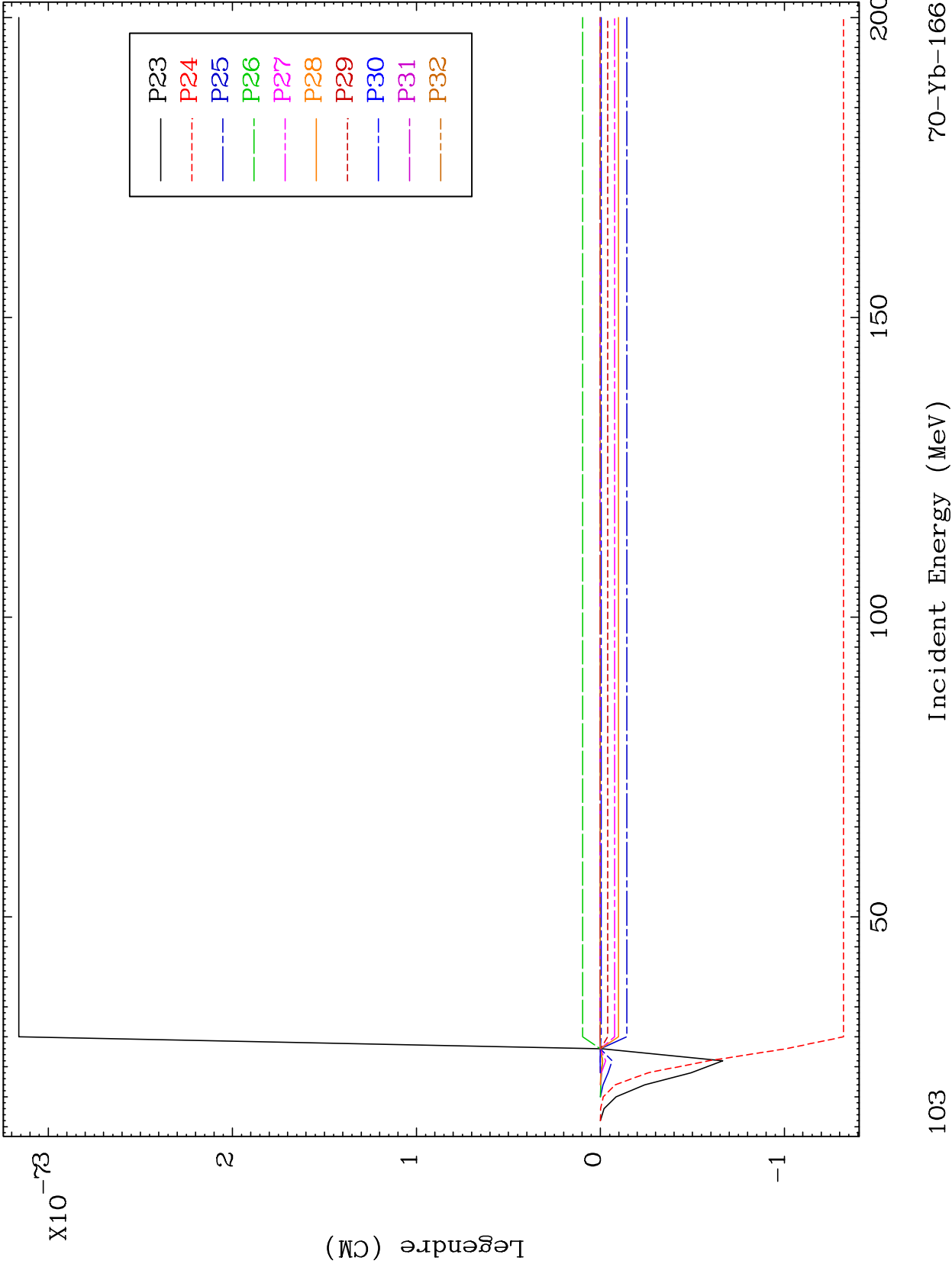
Incident Energy (MeV)

70-Yb-166

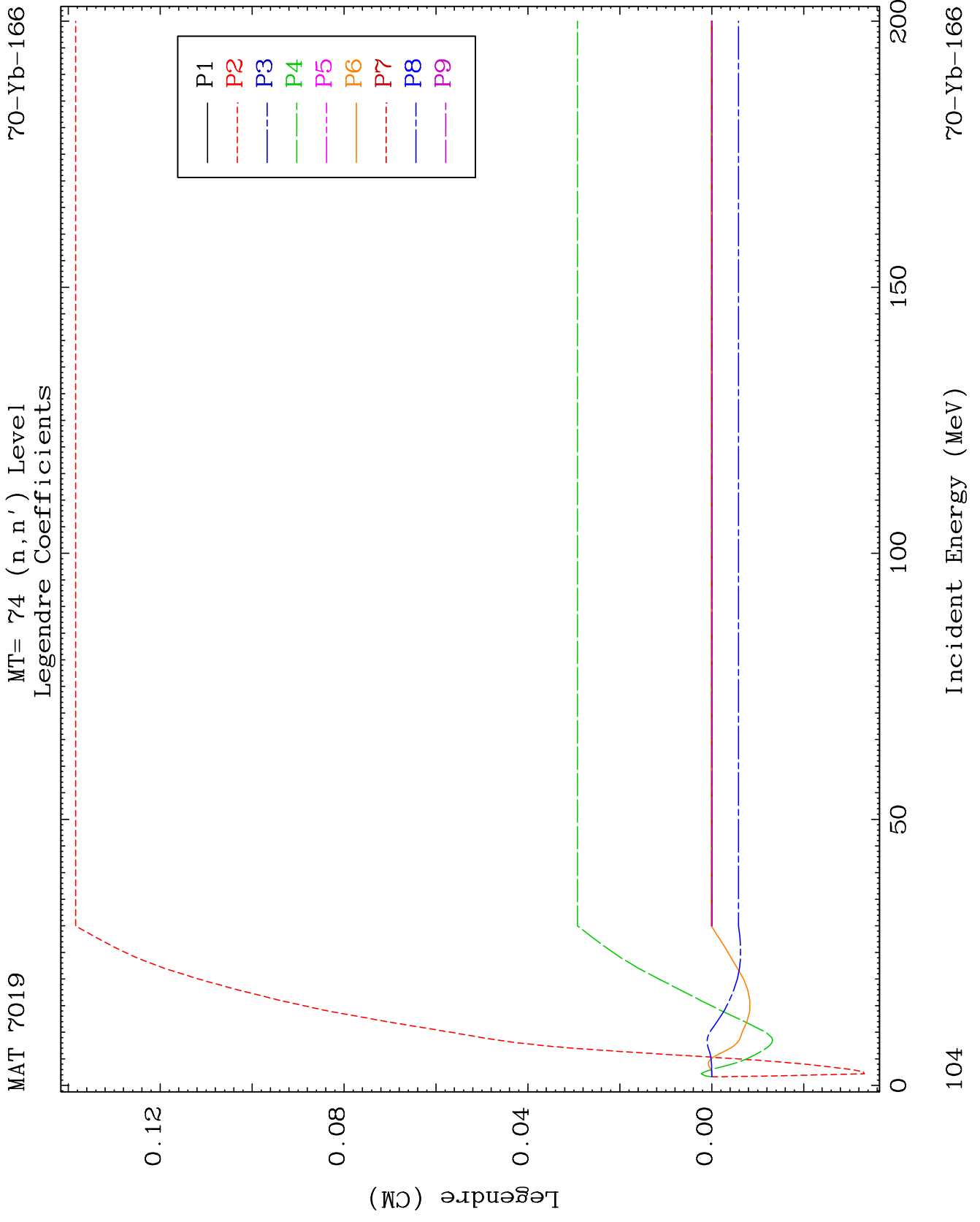
MAT 7019

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

70-Yb-166



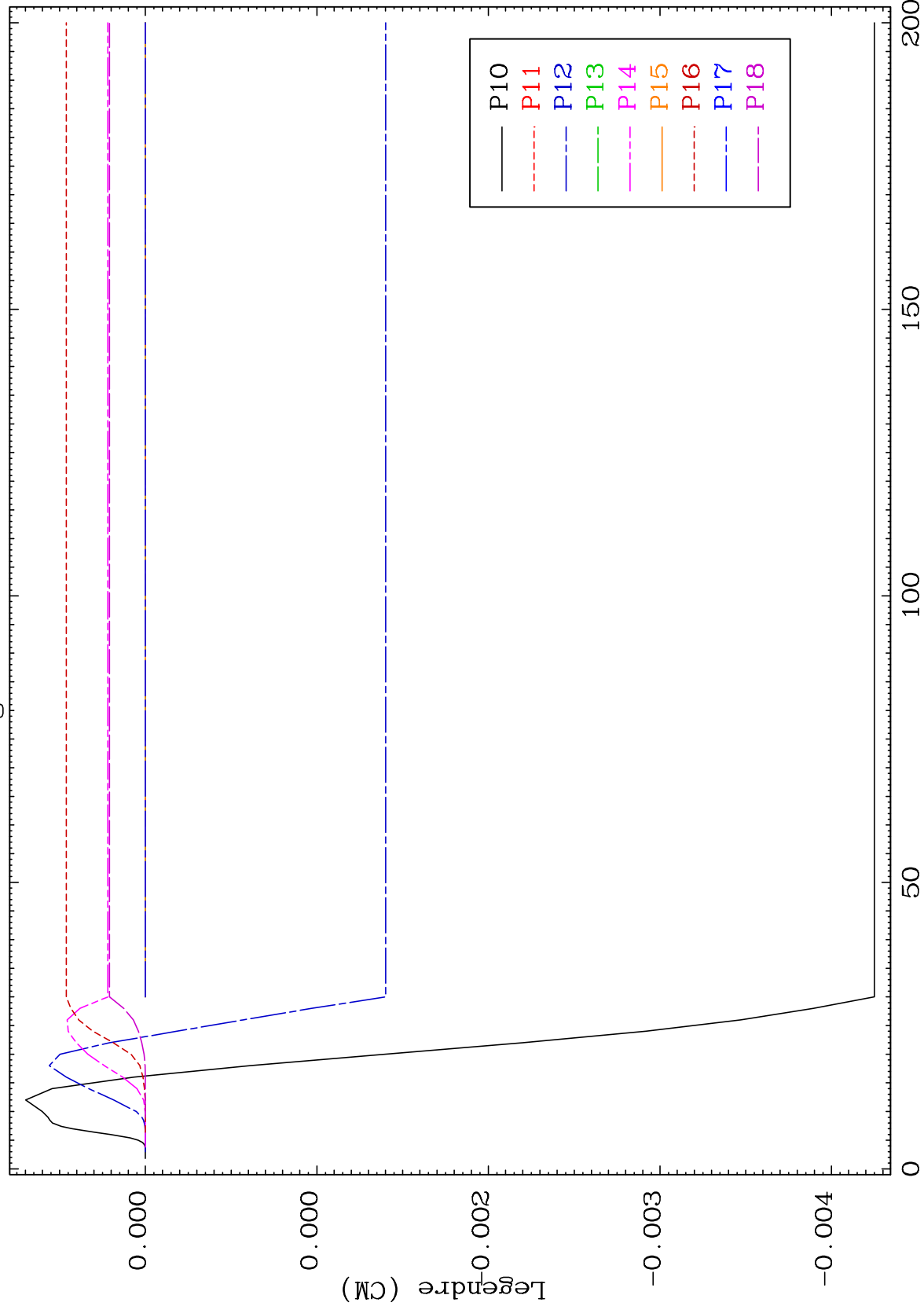
70-Yb-166



MAT 7019

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

70-Yb-166



70-Yb-166

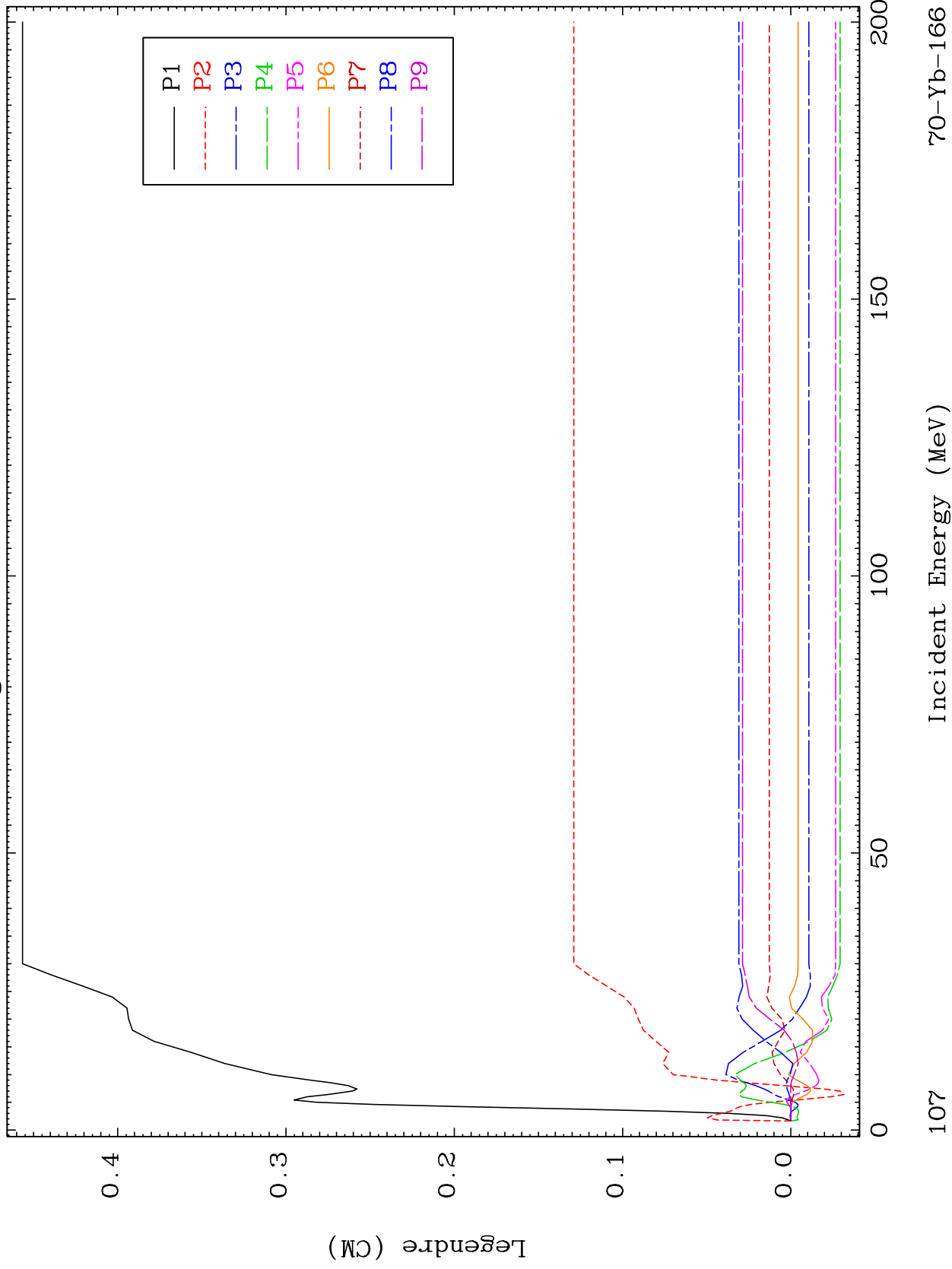
Incident Energy (MeV)

105

MAT 7019

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

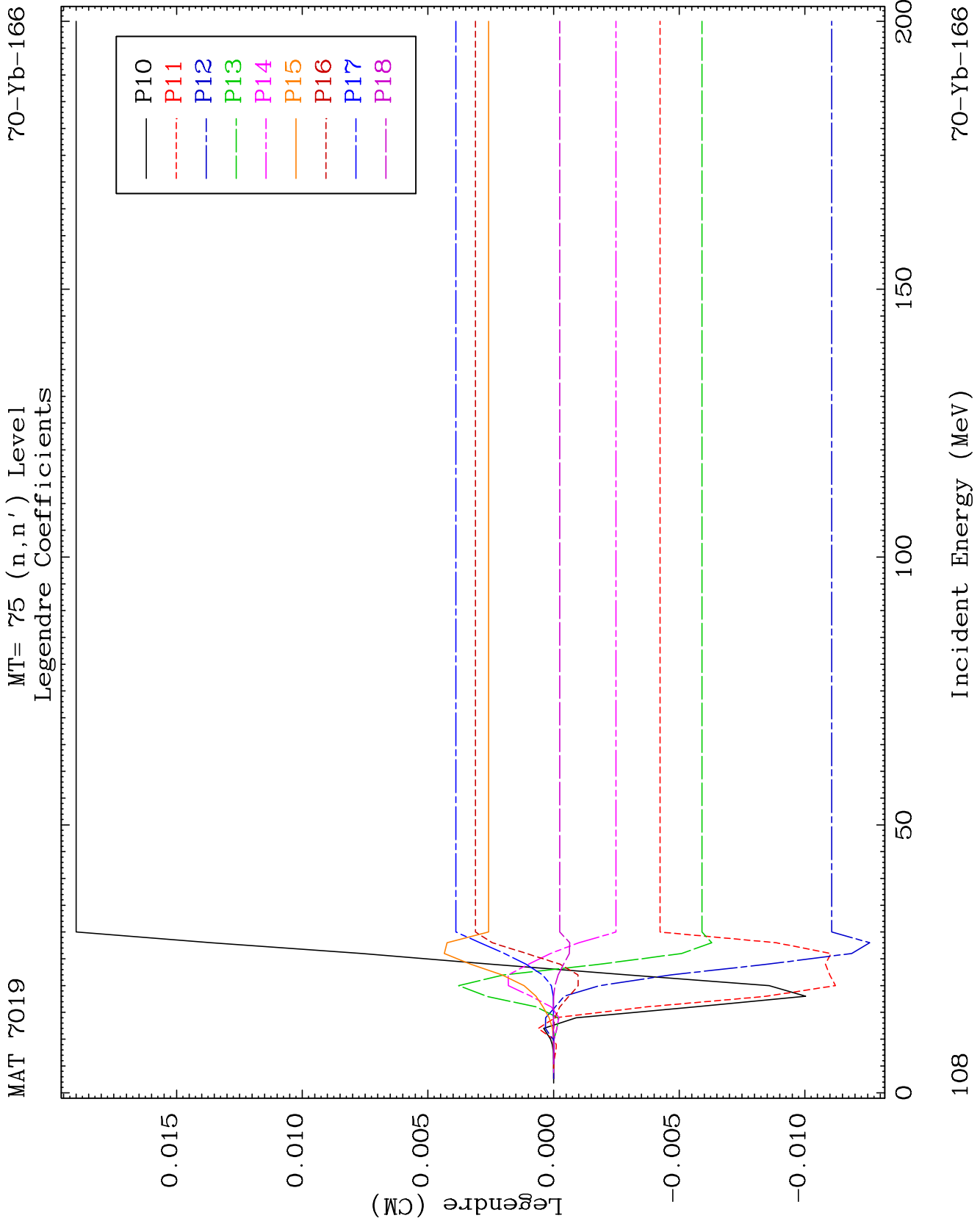
70-Yb-166



70-Yb-166

Incident Energy (MeV)

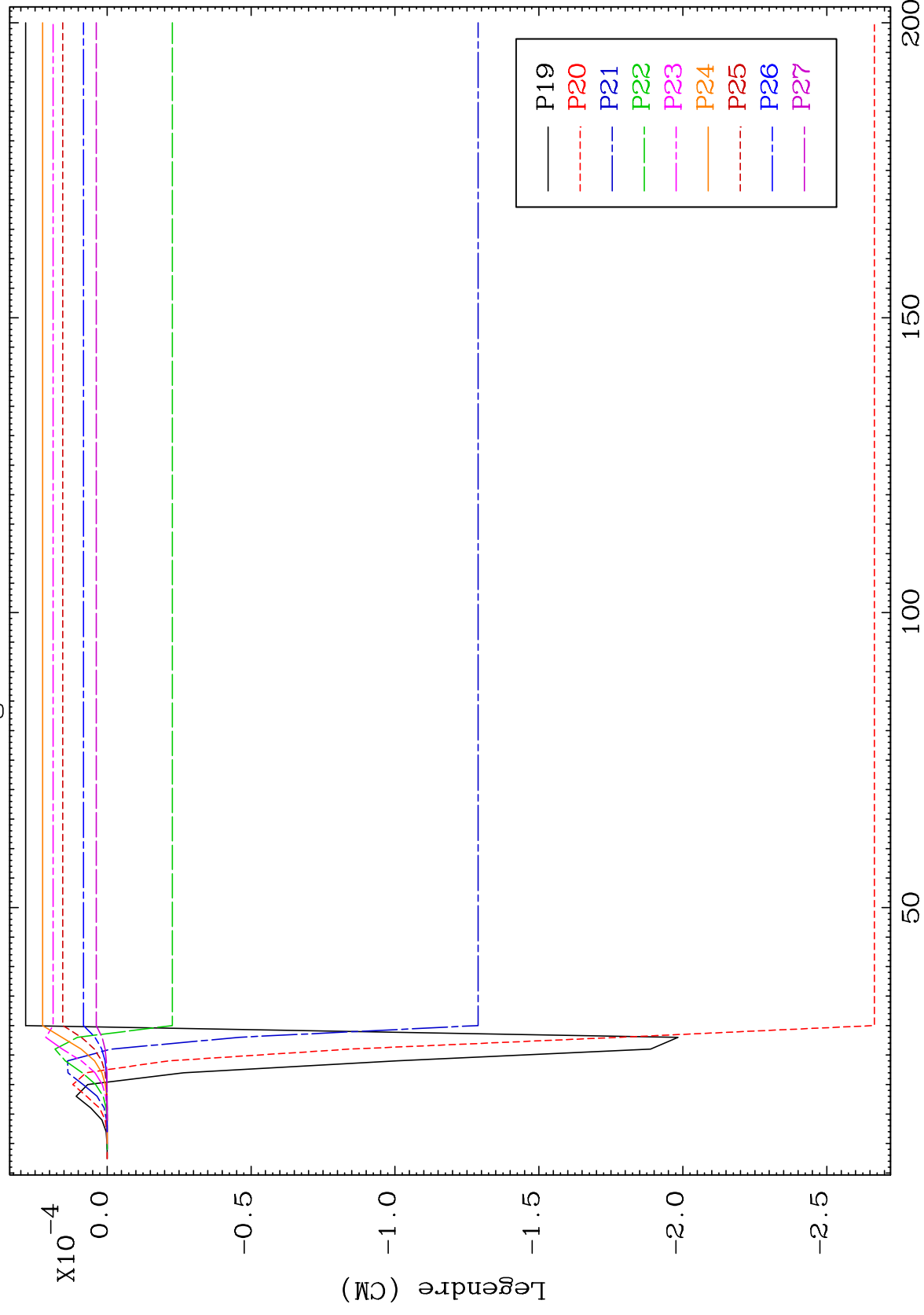
107



MAT 7019

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

70-Yb-166



109

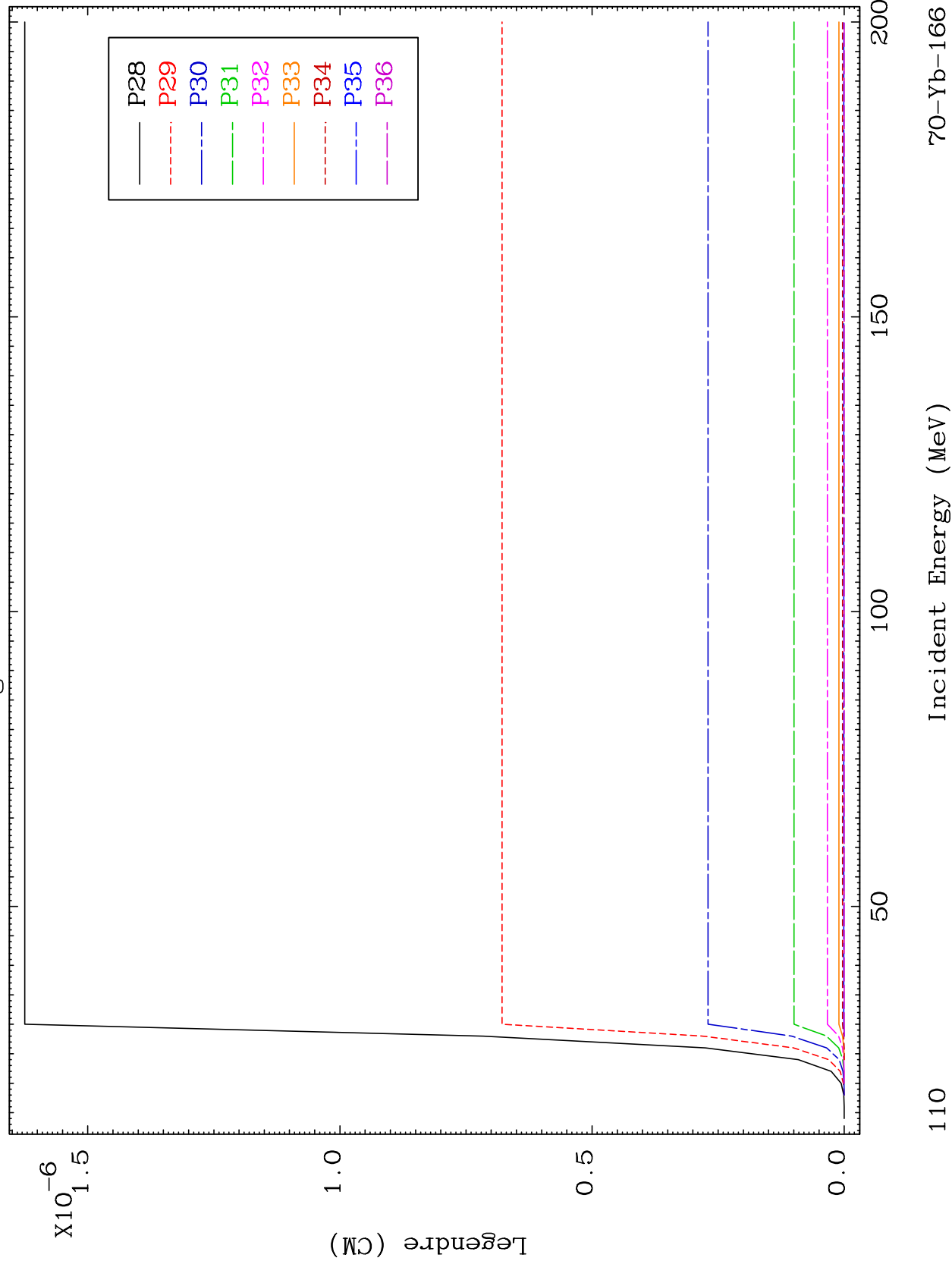
Incident Energy (MeV)

70-Yb-166

MAT 7019

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

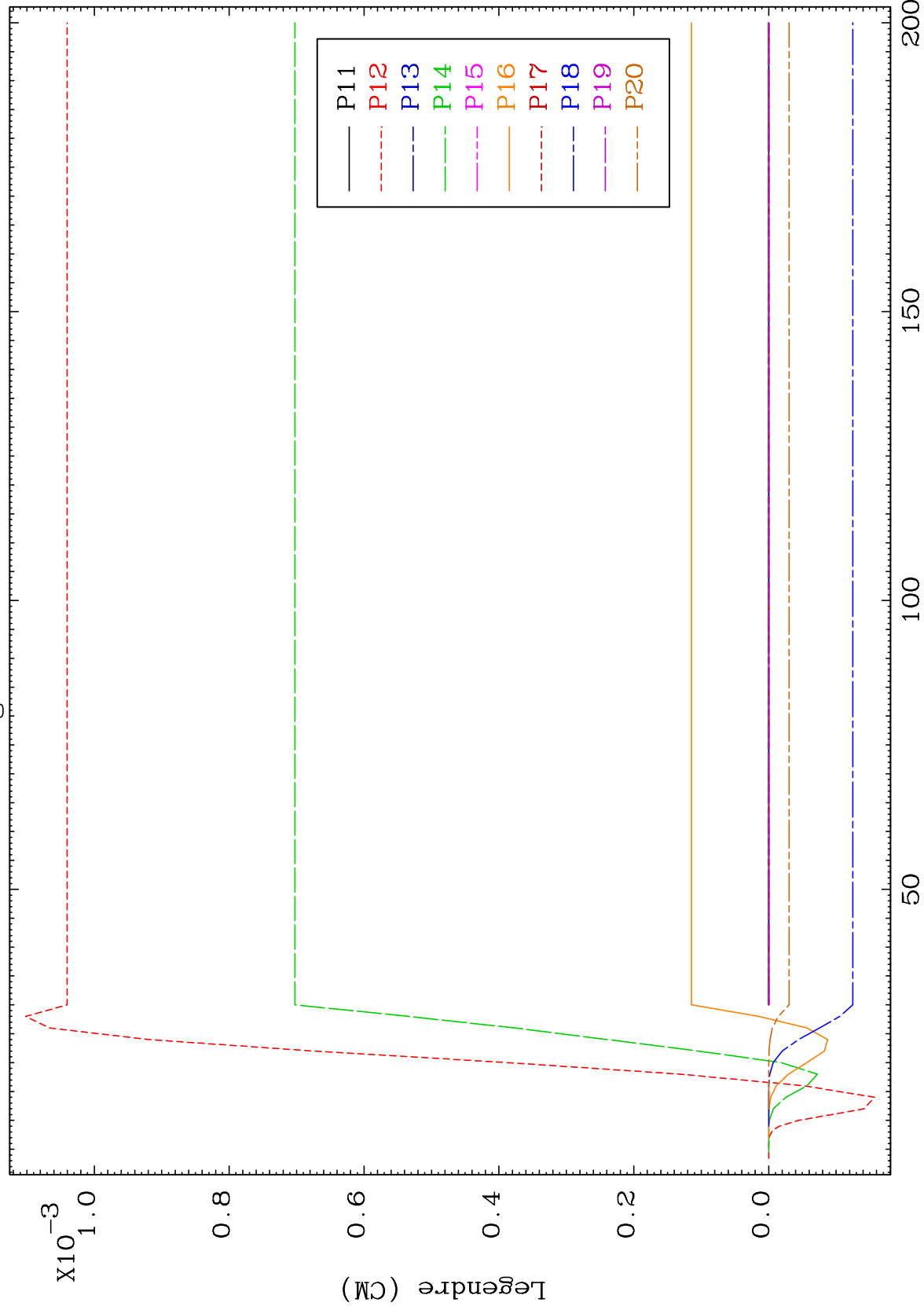
70-Yb-166



MAT 7019

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

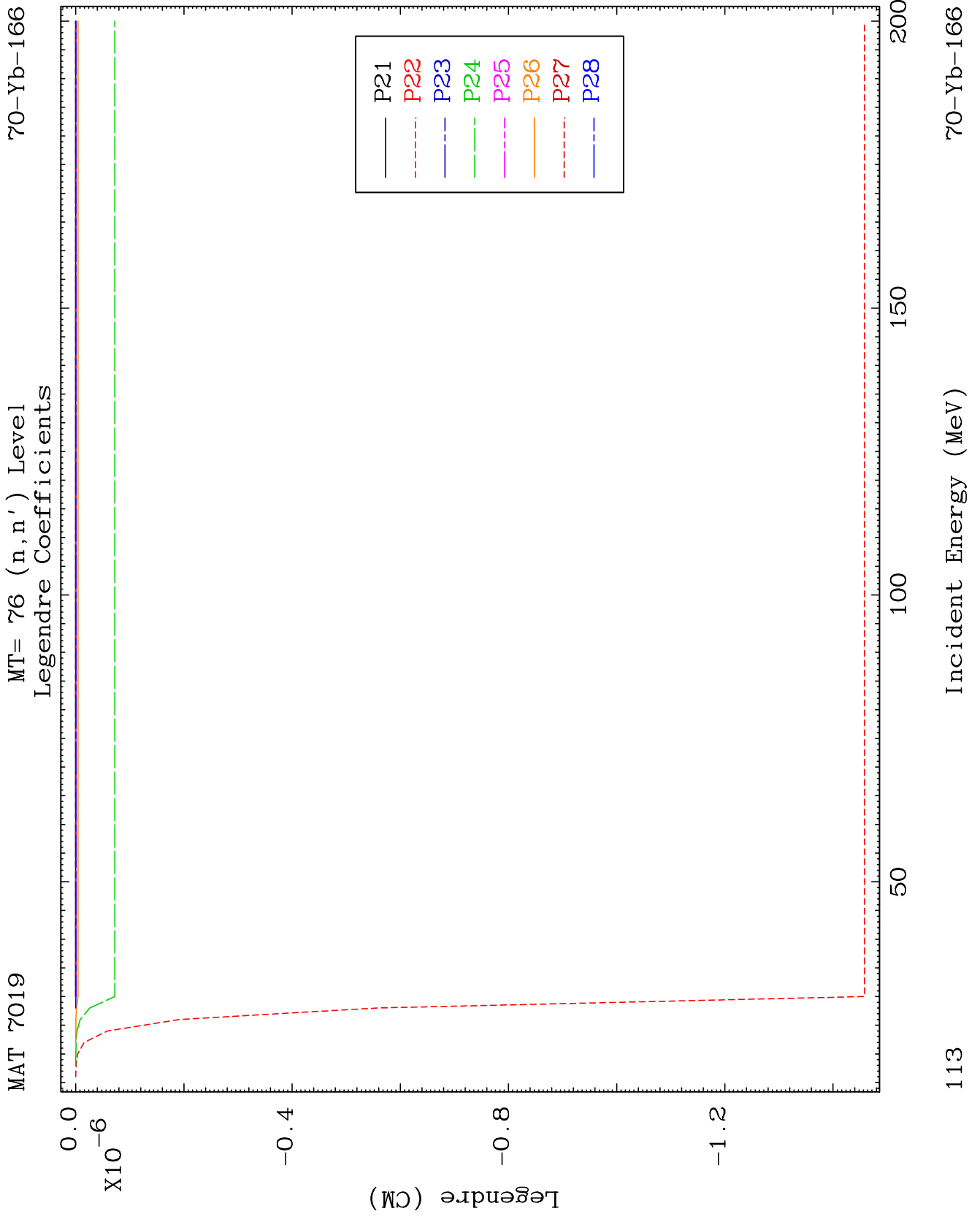
70-Yb-166



112

Incident Energy (MeV)

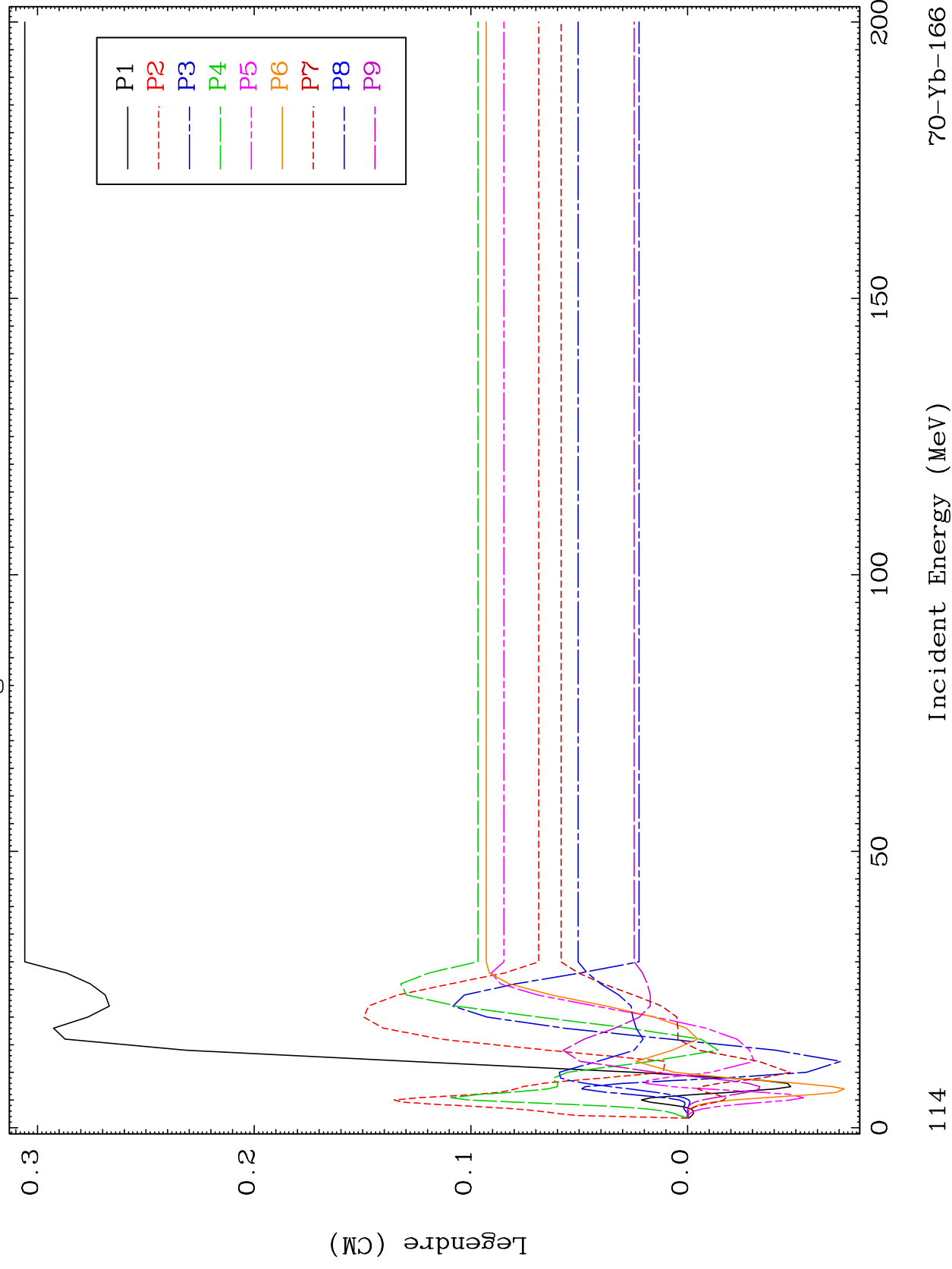
70-Yb-166



MAT 7019

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

70-Yb-166



70-Yb-166

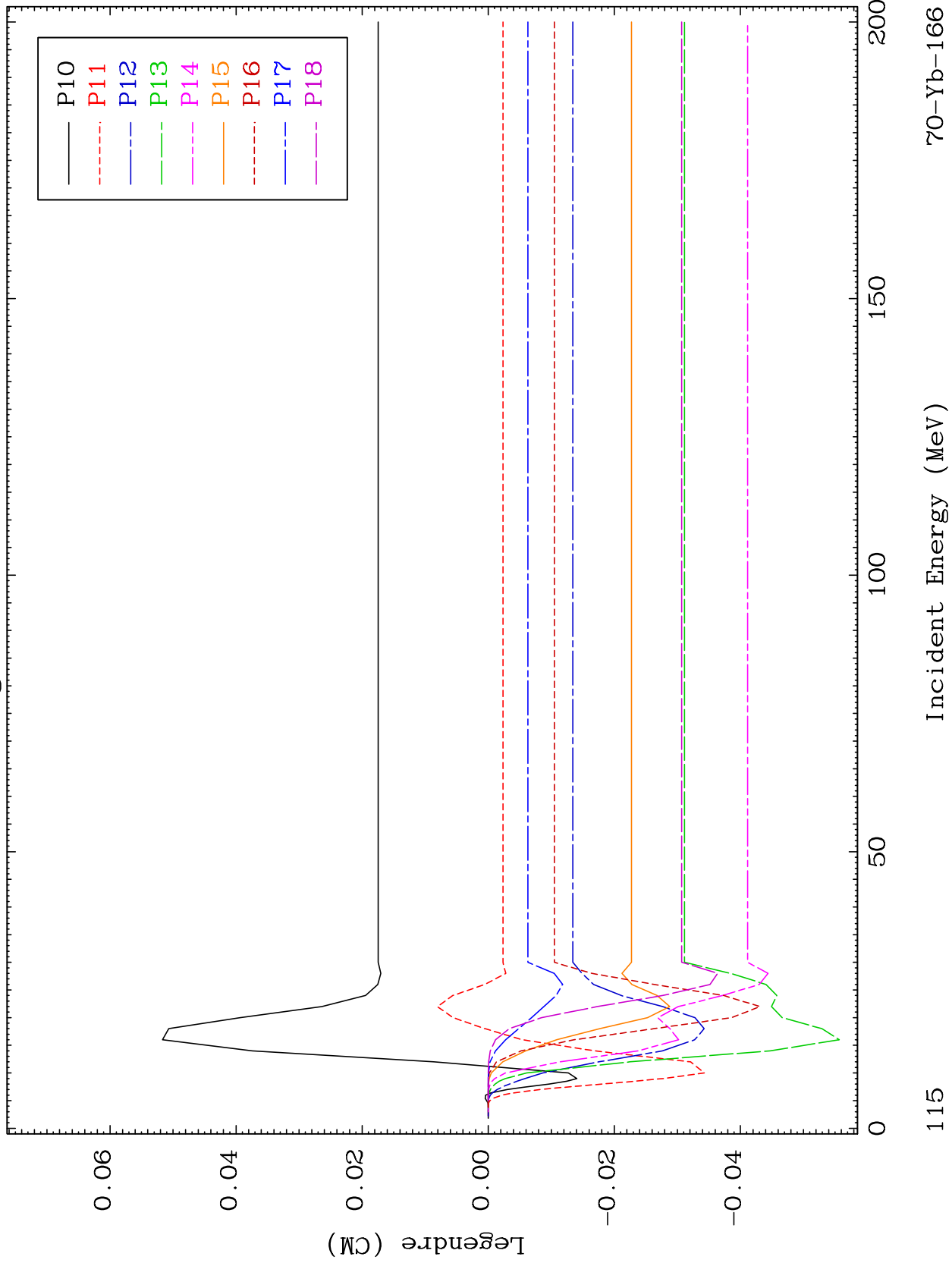
Incident Energy (MeV)

114

MAT 7019

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

70-Yb-166



70-Yb-166

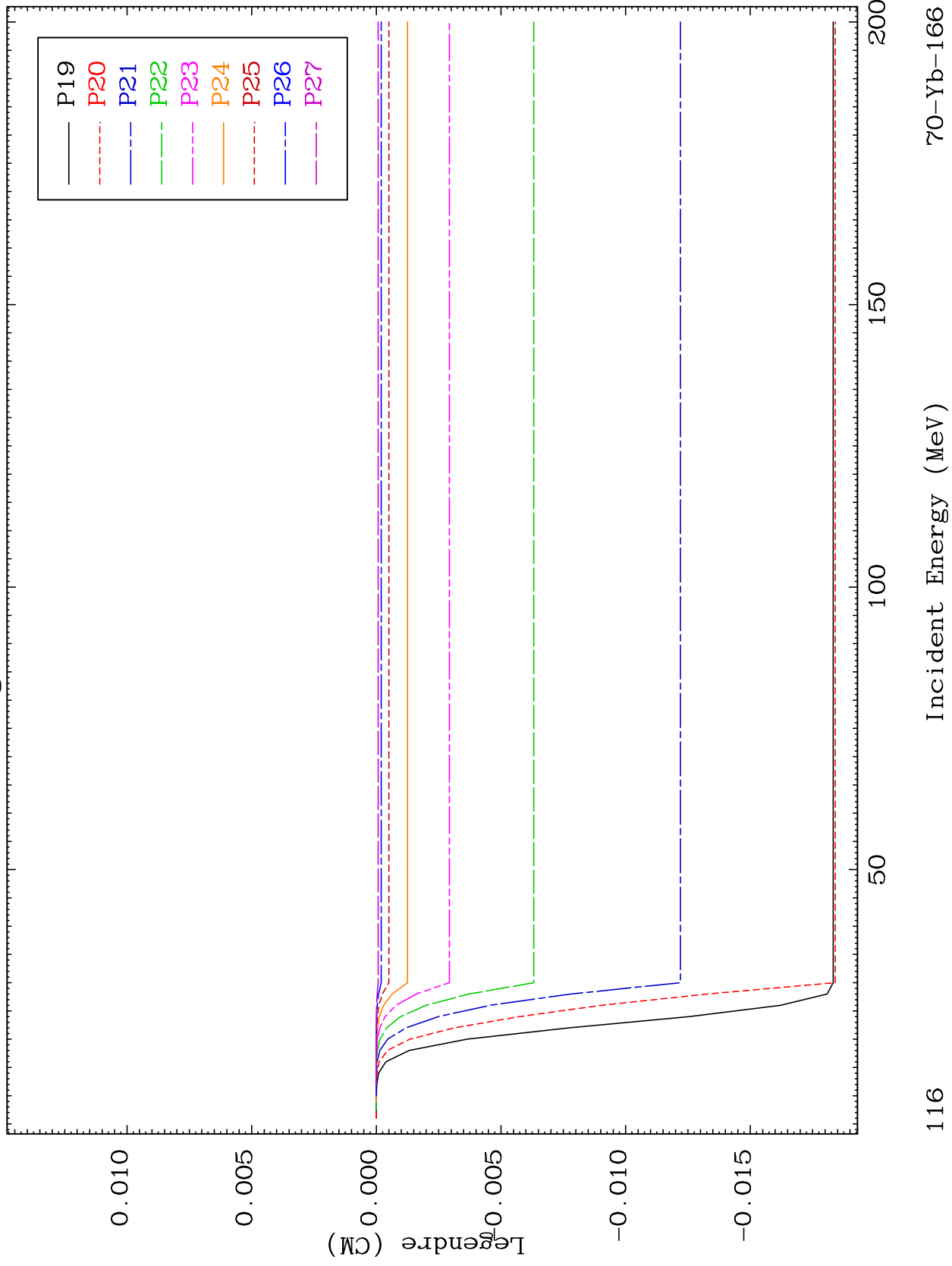
Incident Energy (MeV)

115

MAT 7019

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

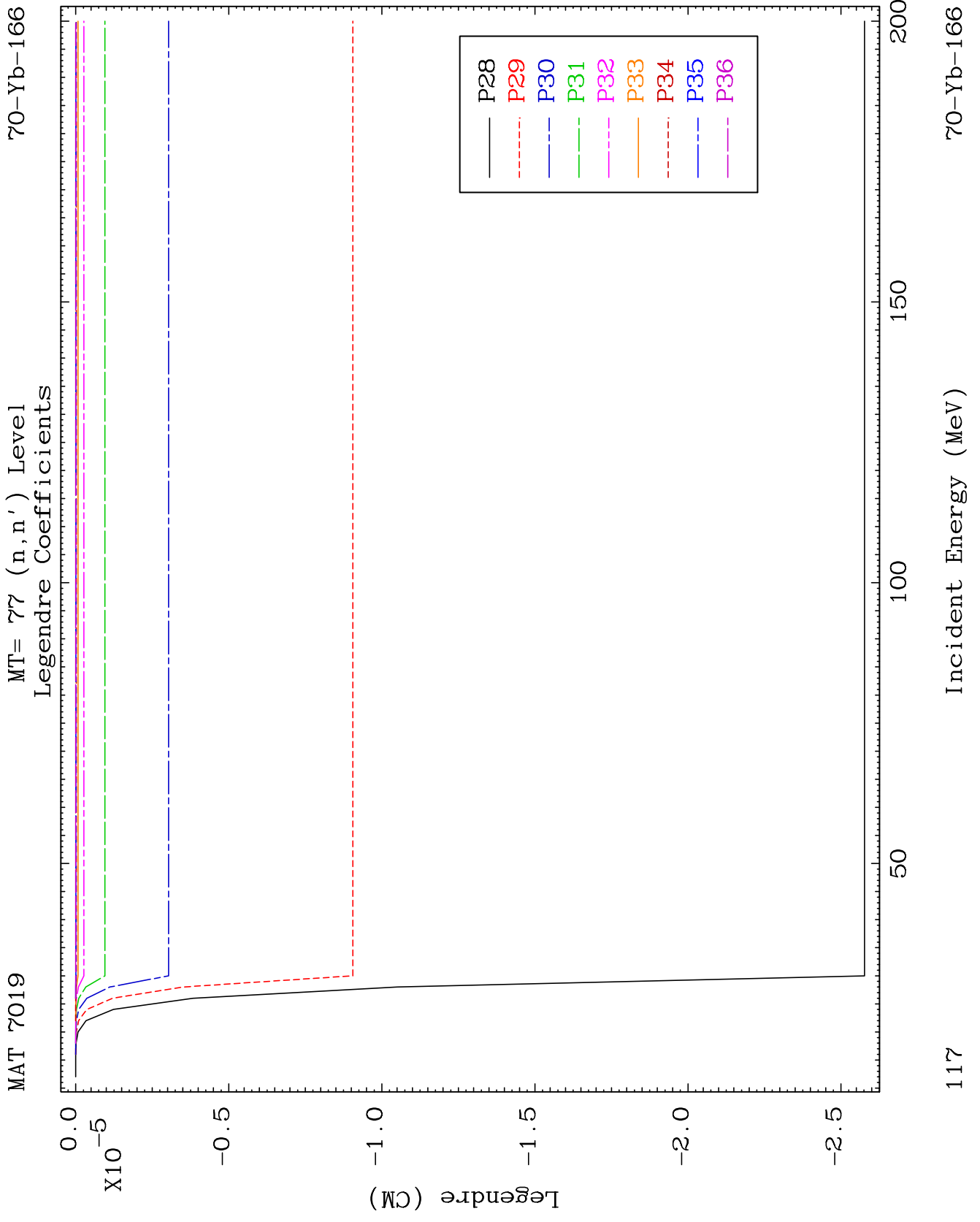
70-Yb-166

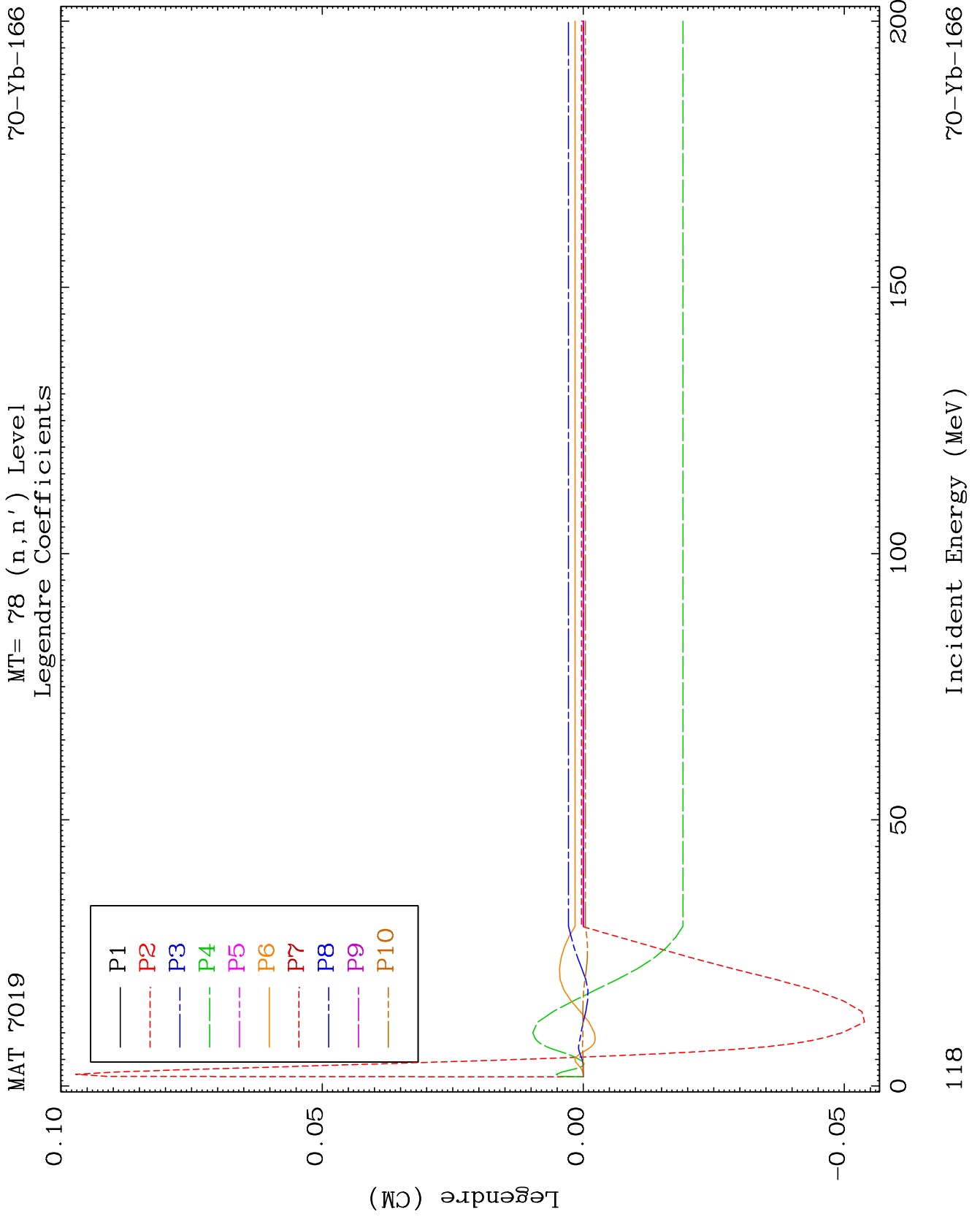


116

Incident Energy (MeV)

70-Yb-166

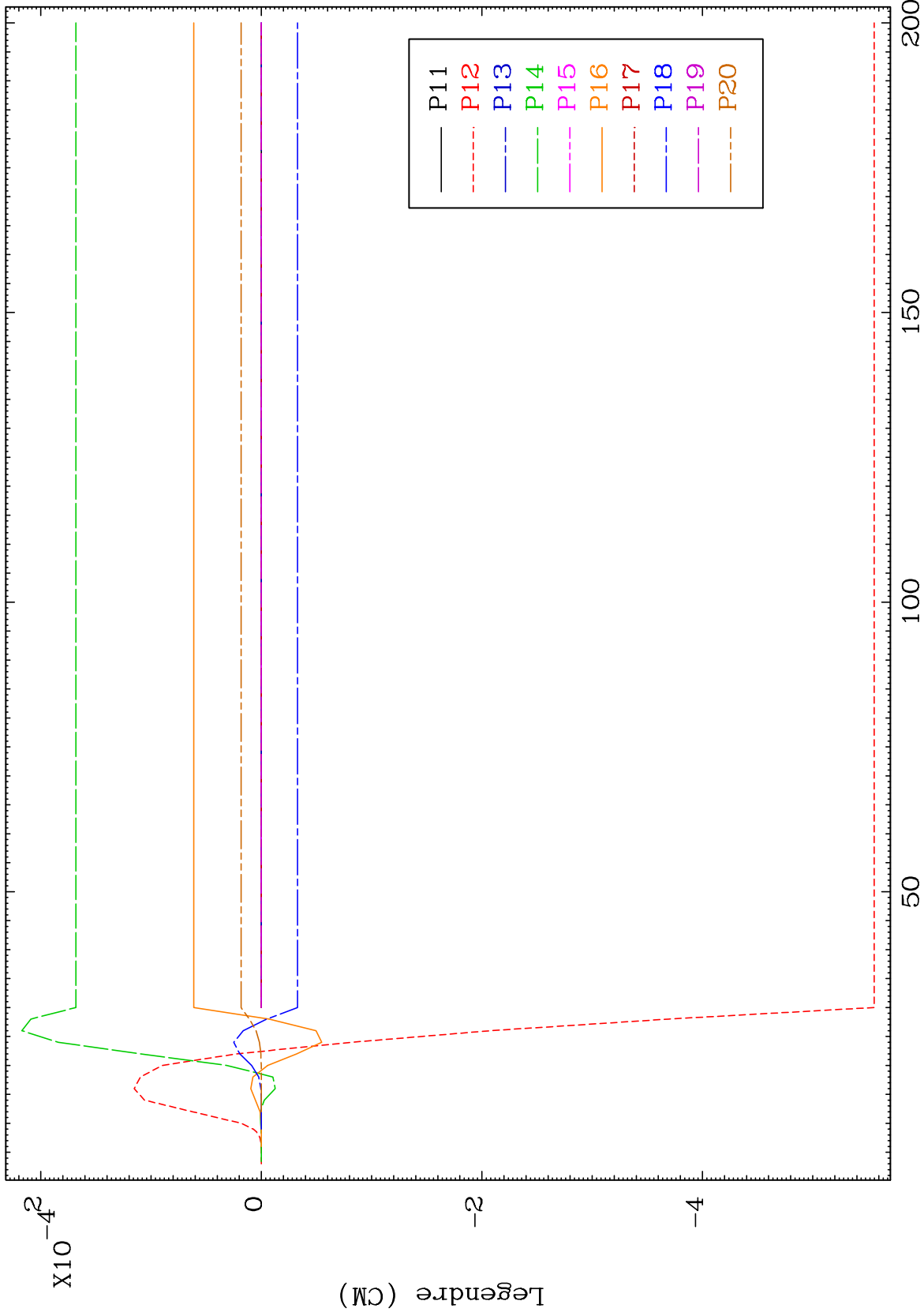




MAT 7019

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

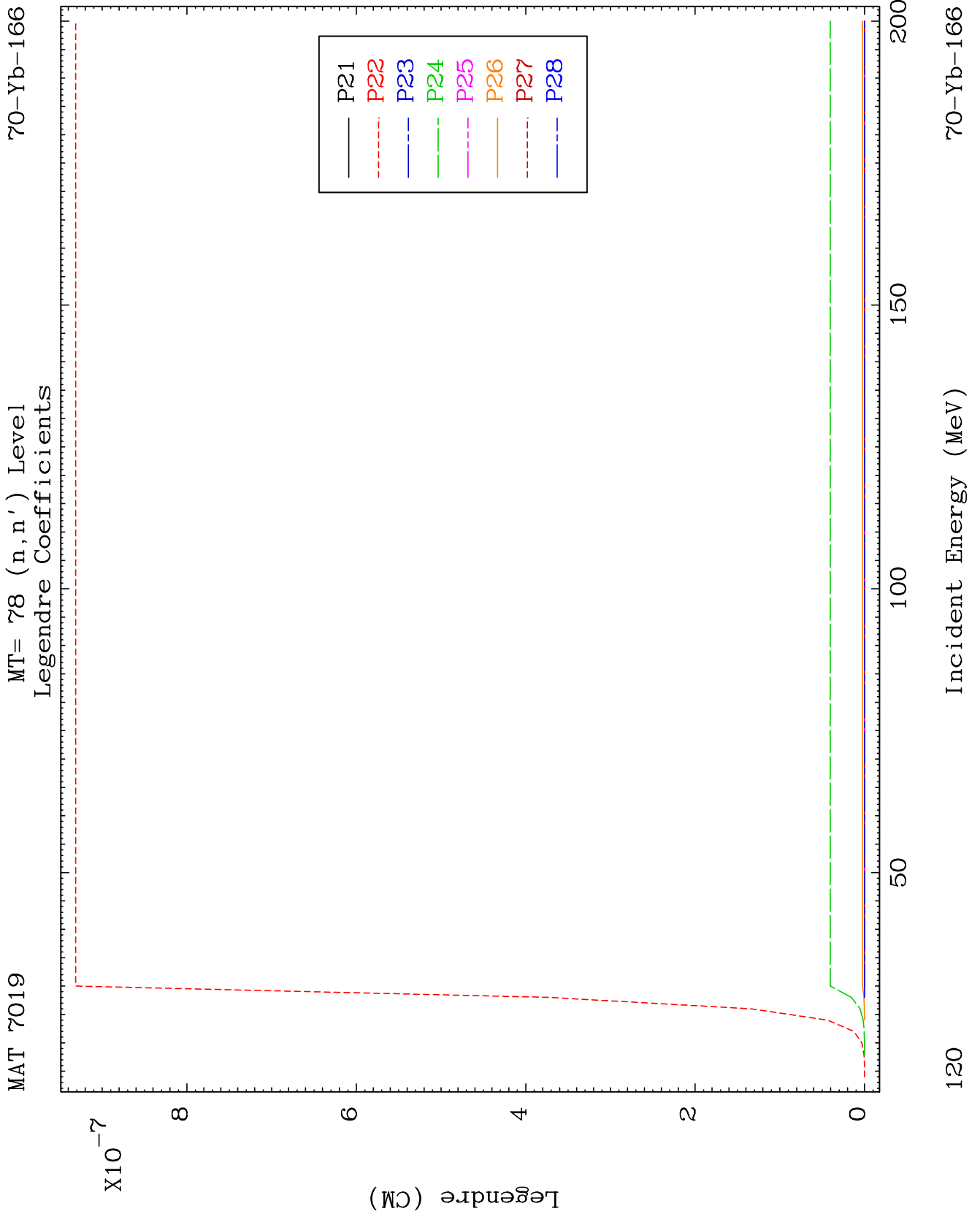
70-Yb-166



119

Incident Energy (MeV)

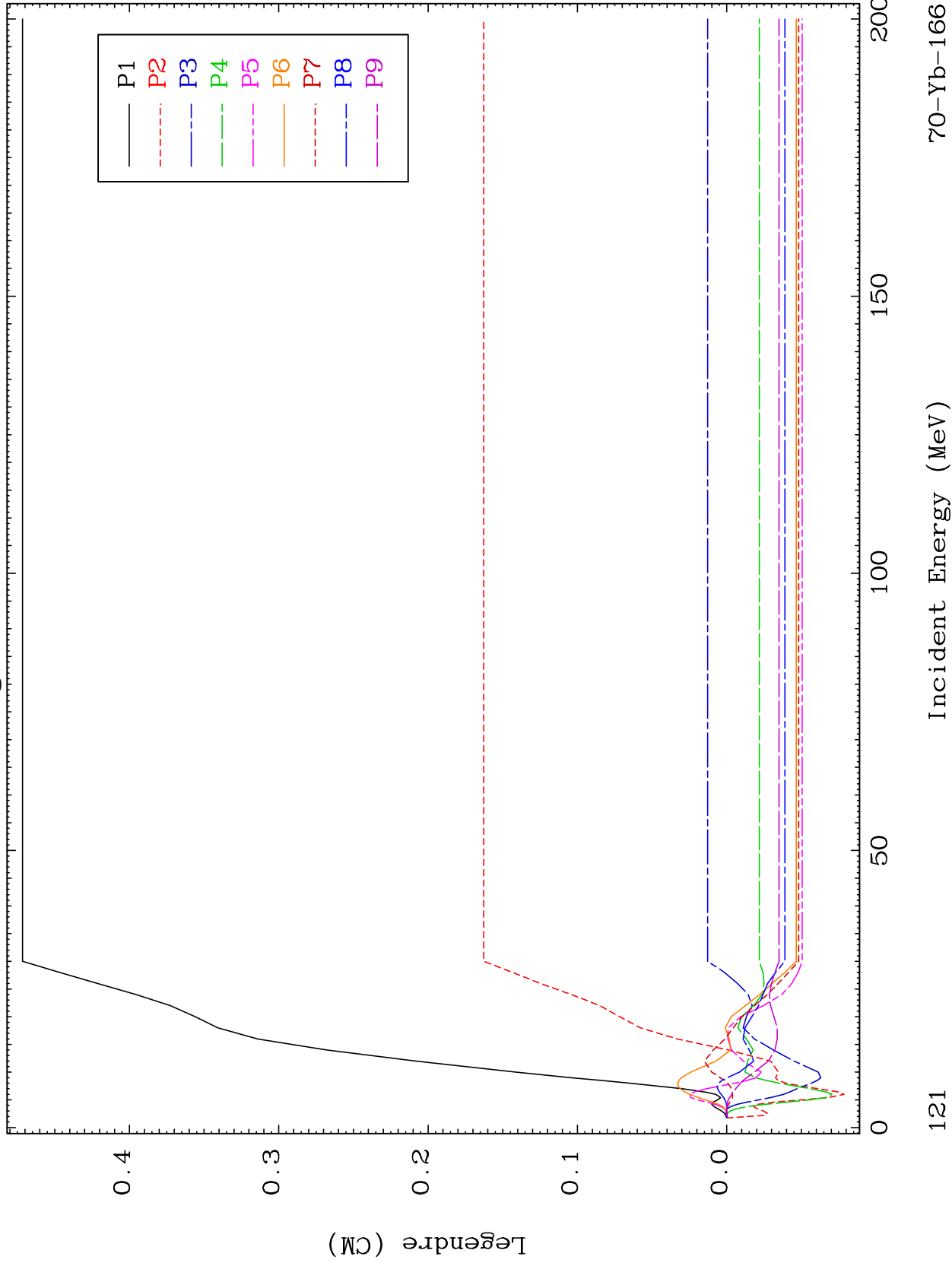
70-Yb-166



MAT 7019

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

70-Yb-166



70-Yb-166

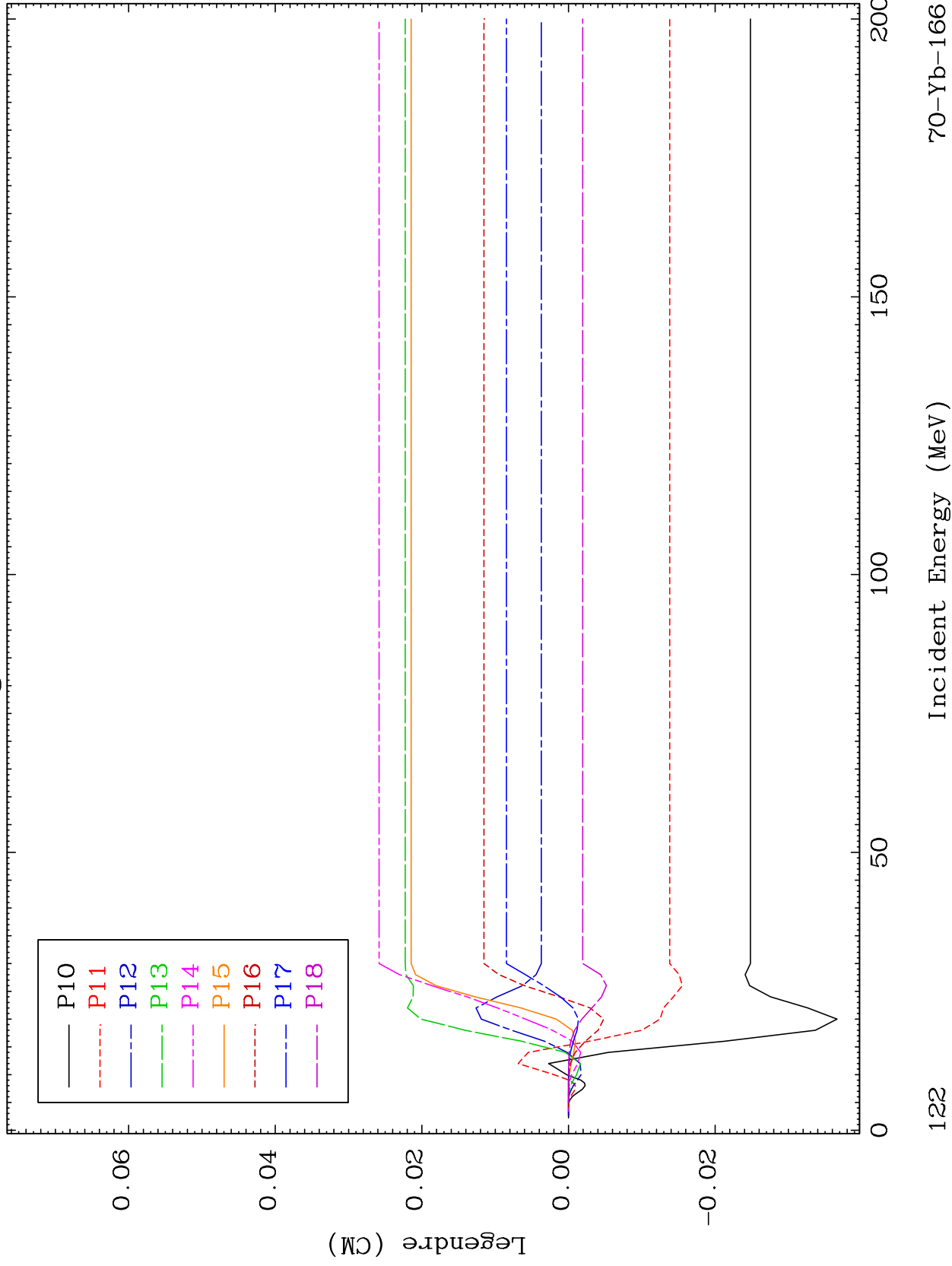
Incident Energy (MeV)

121

MAT 7019

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

70-Yb-166

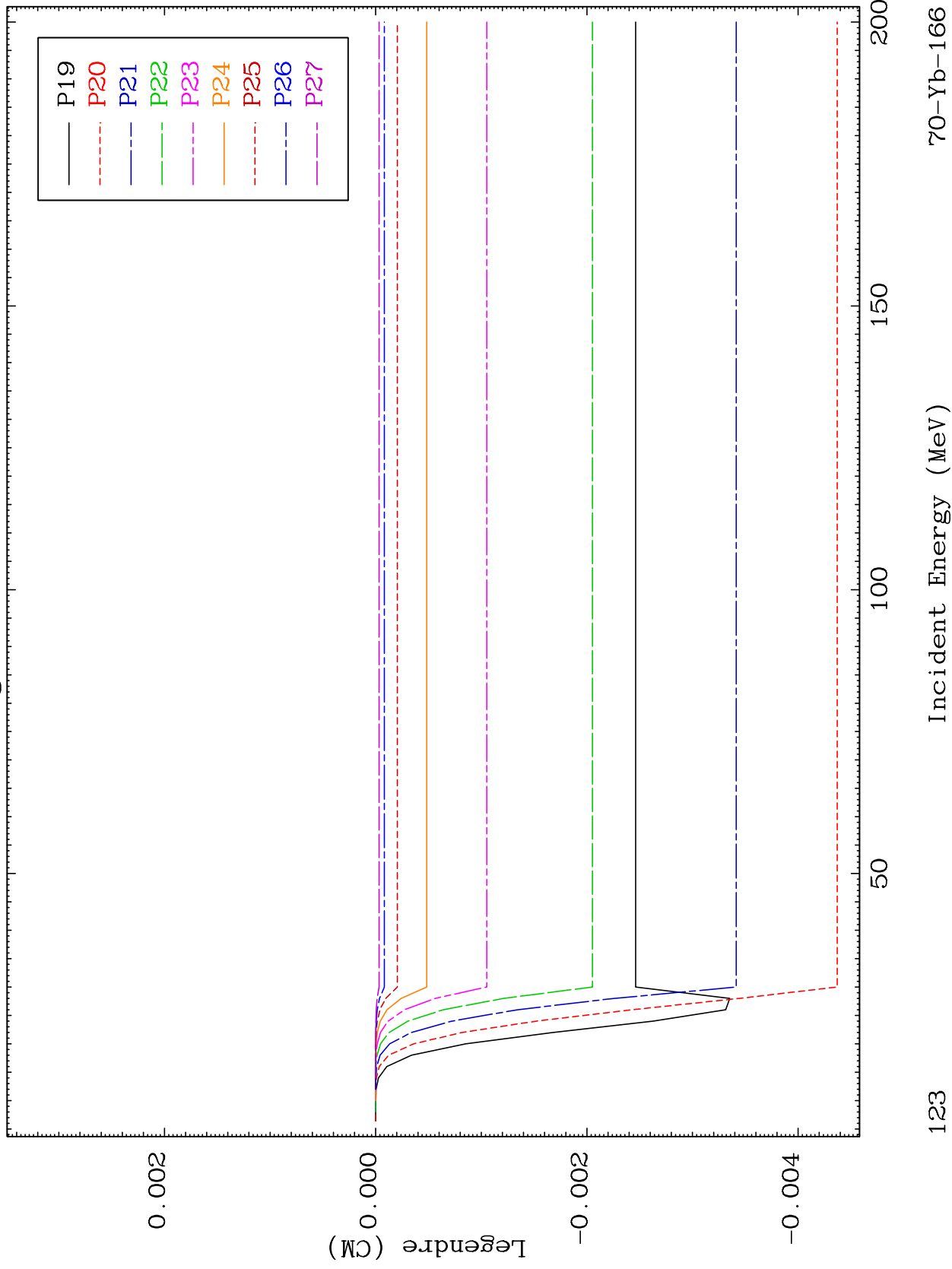


122

MAT 7019

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

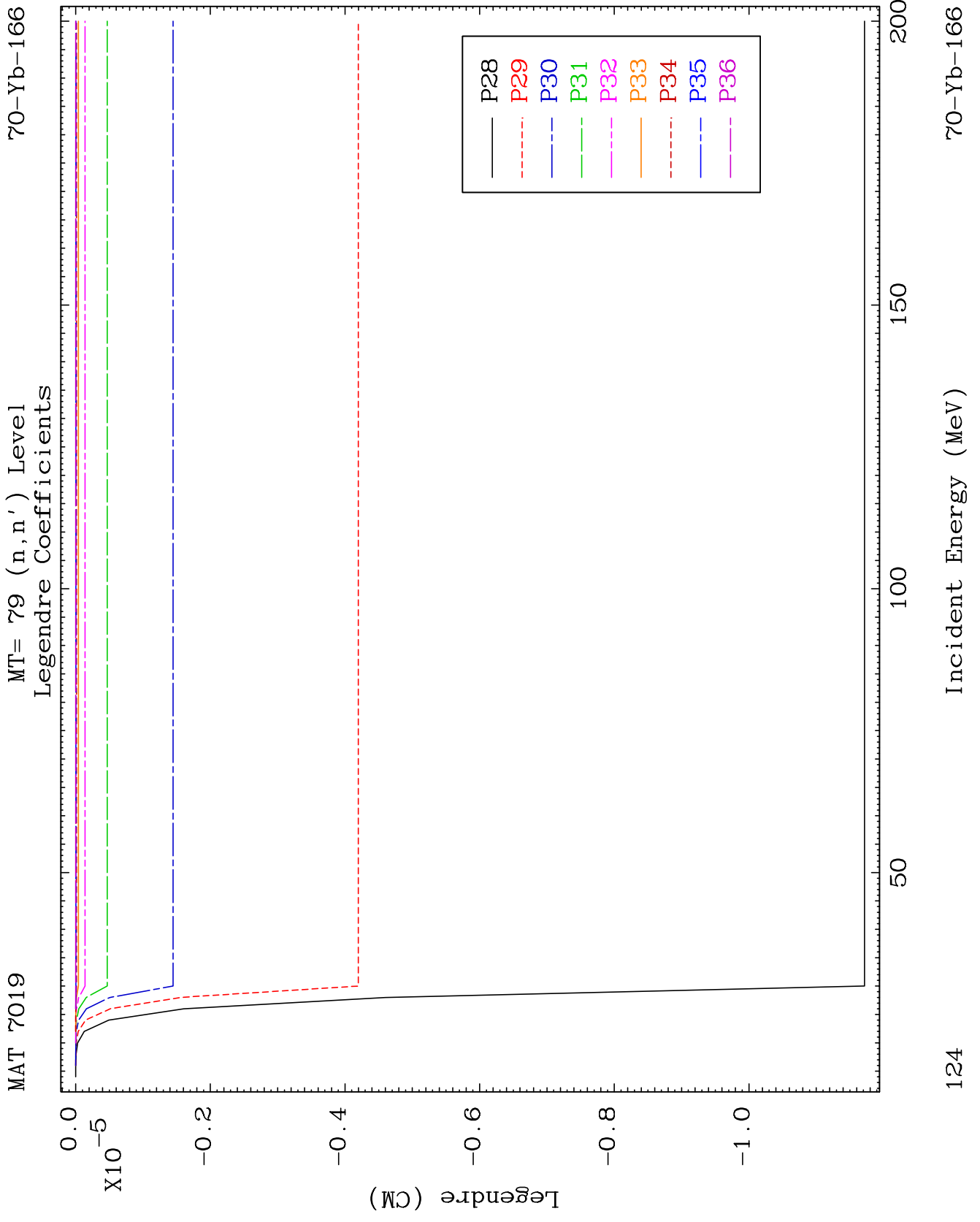
70-Yb-166

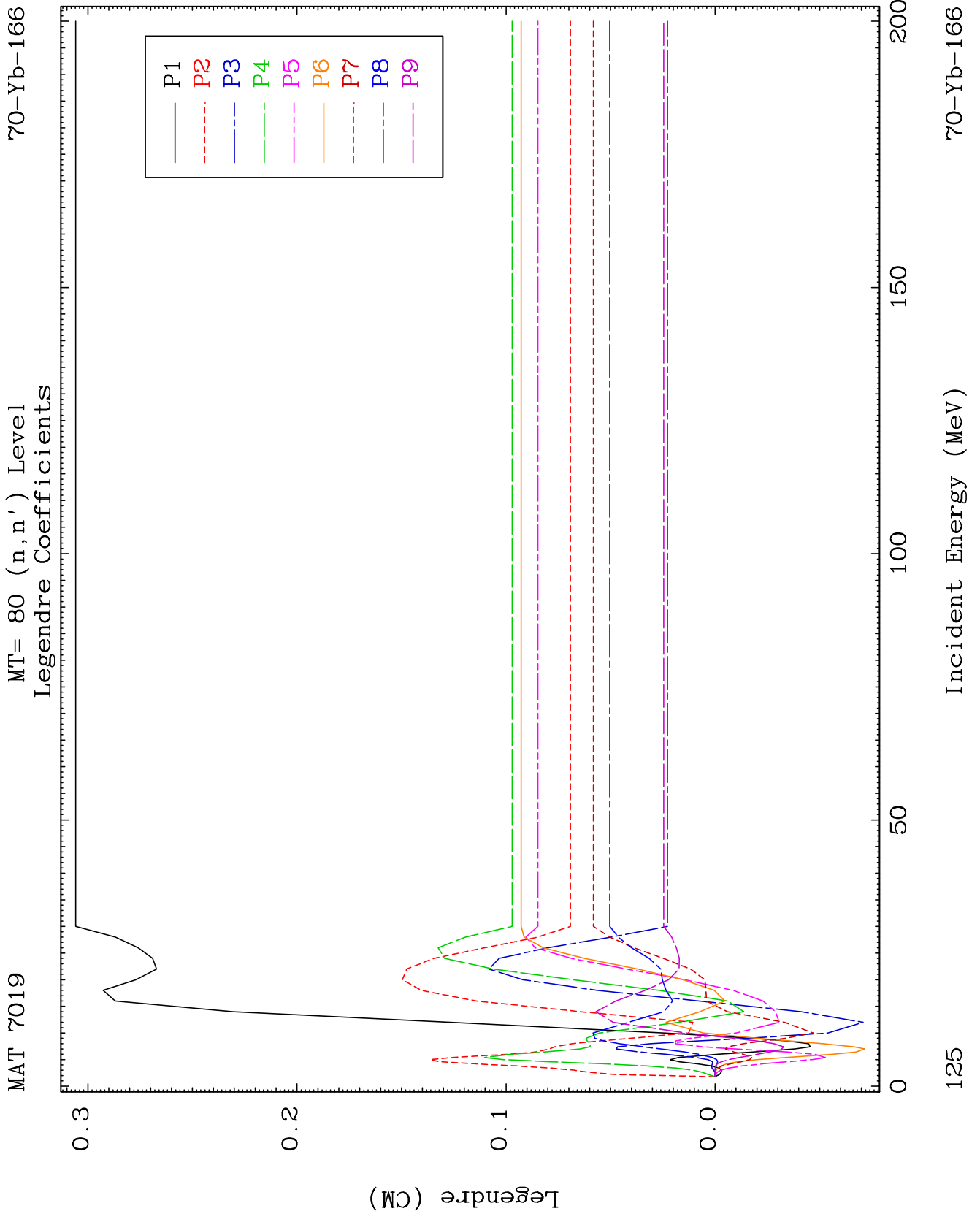


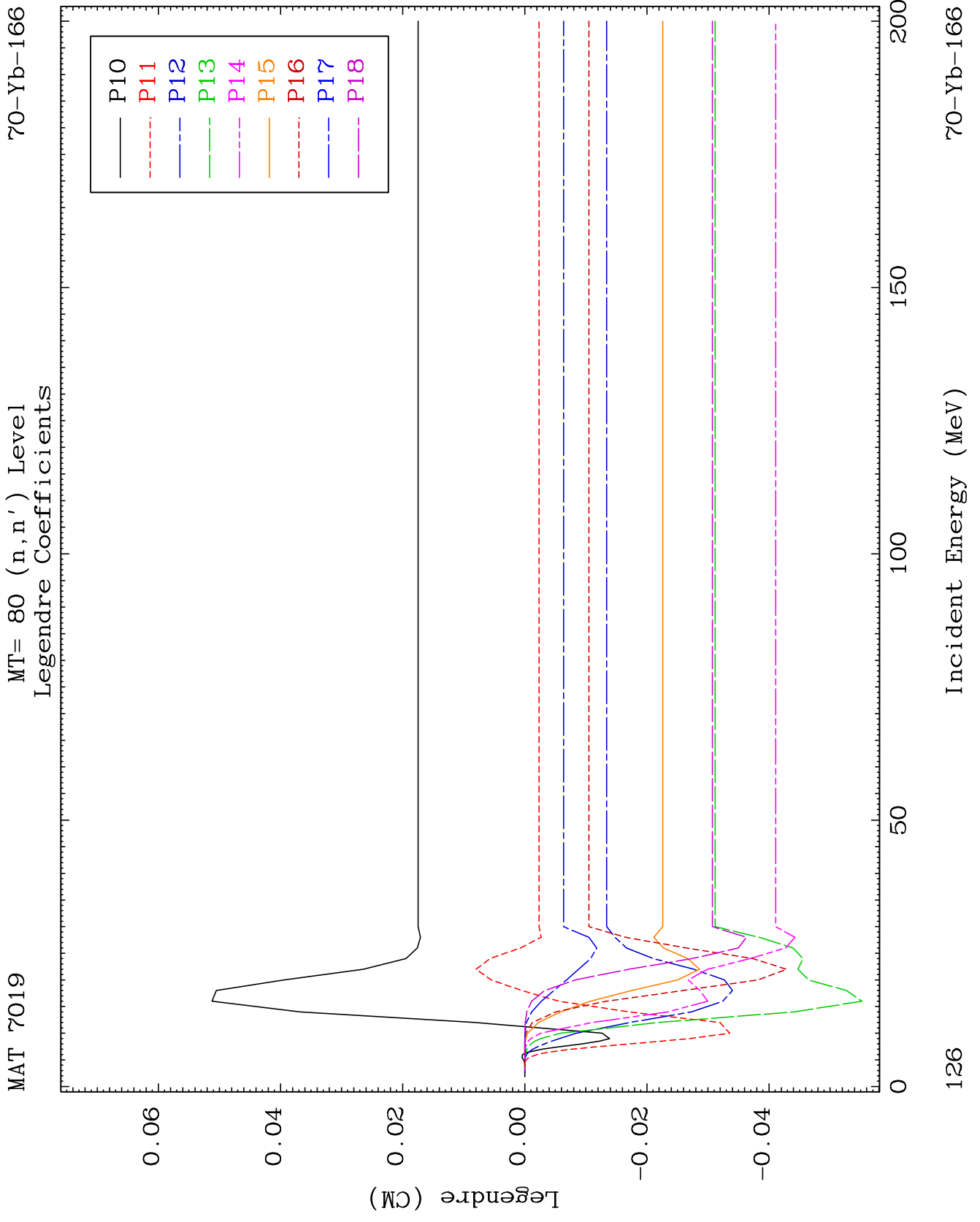
123

Incident Energy (MeV)

70-Yb-166



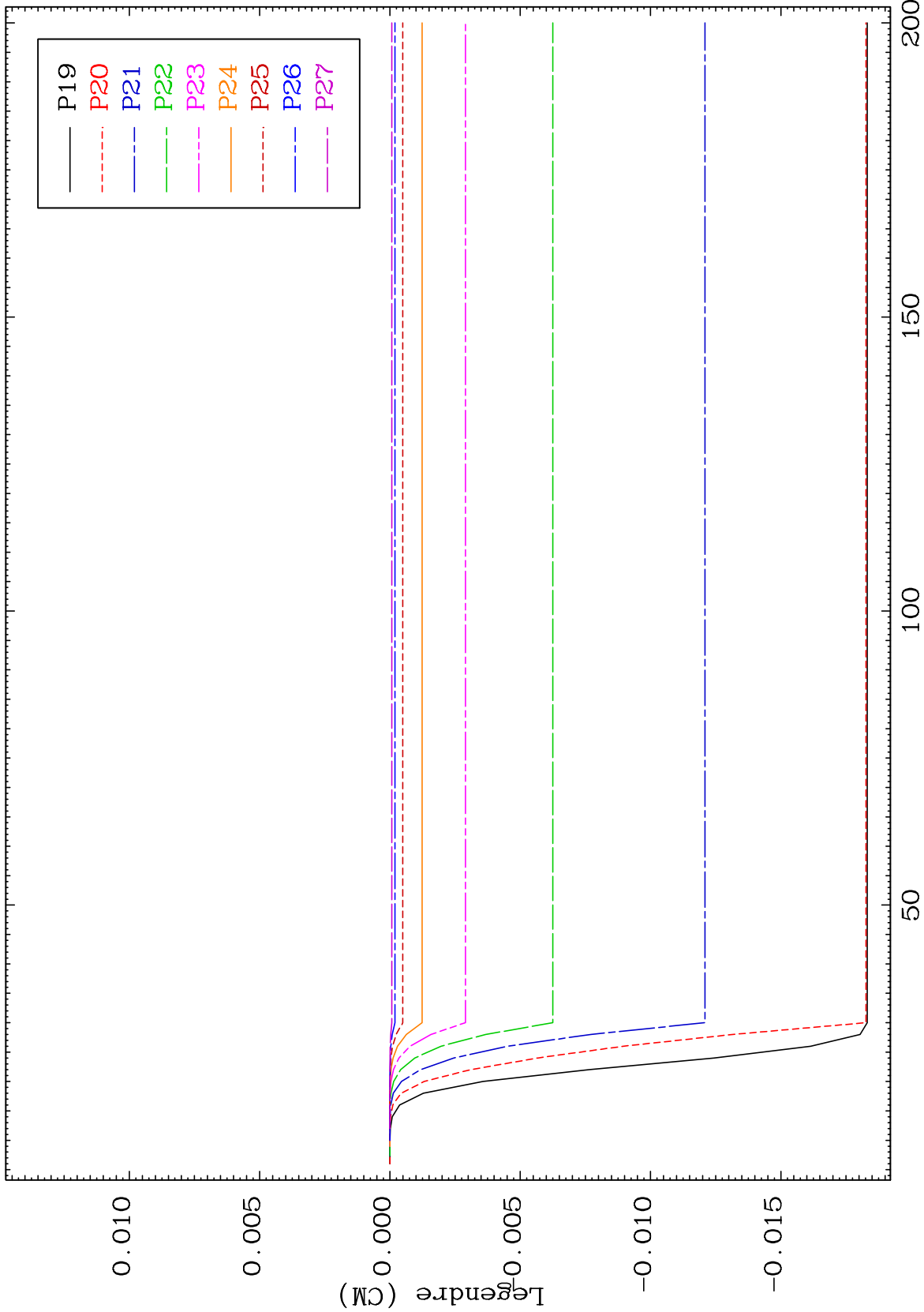




MAT 7019

MT= 80 (n,n') Level
Legendre Coefficients

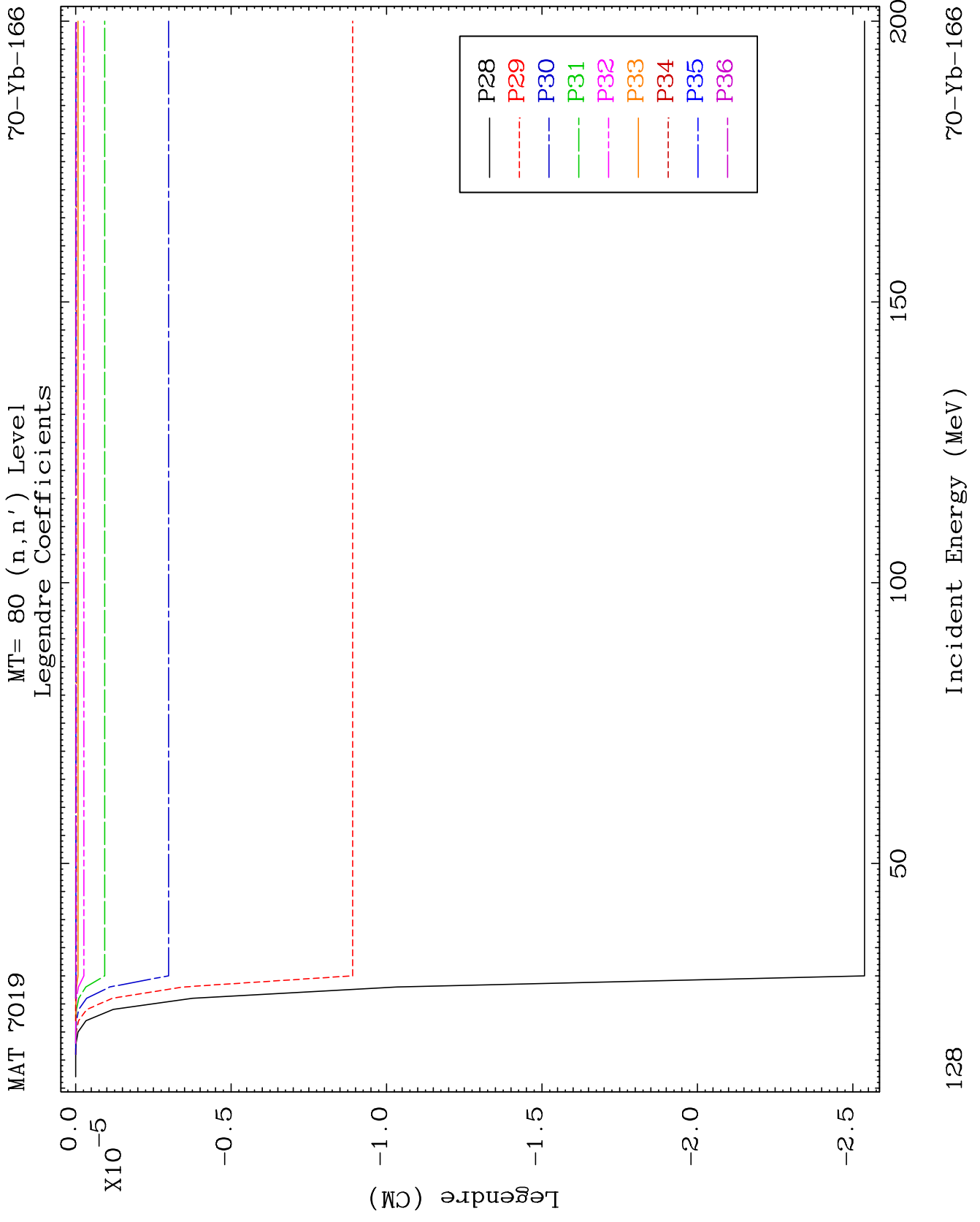
70-Yb-166



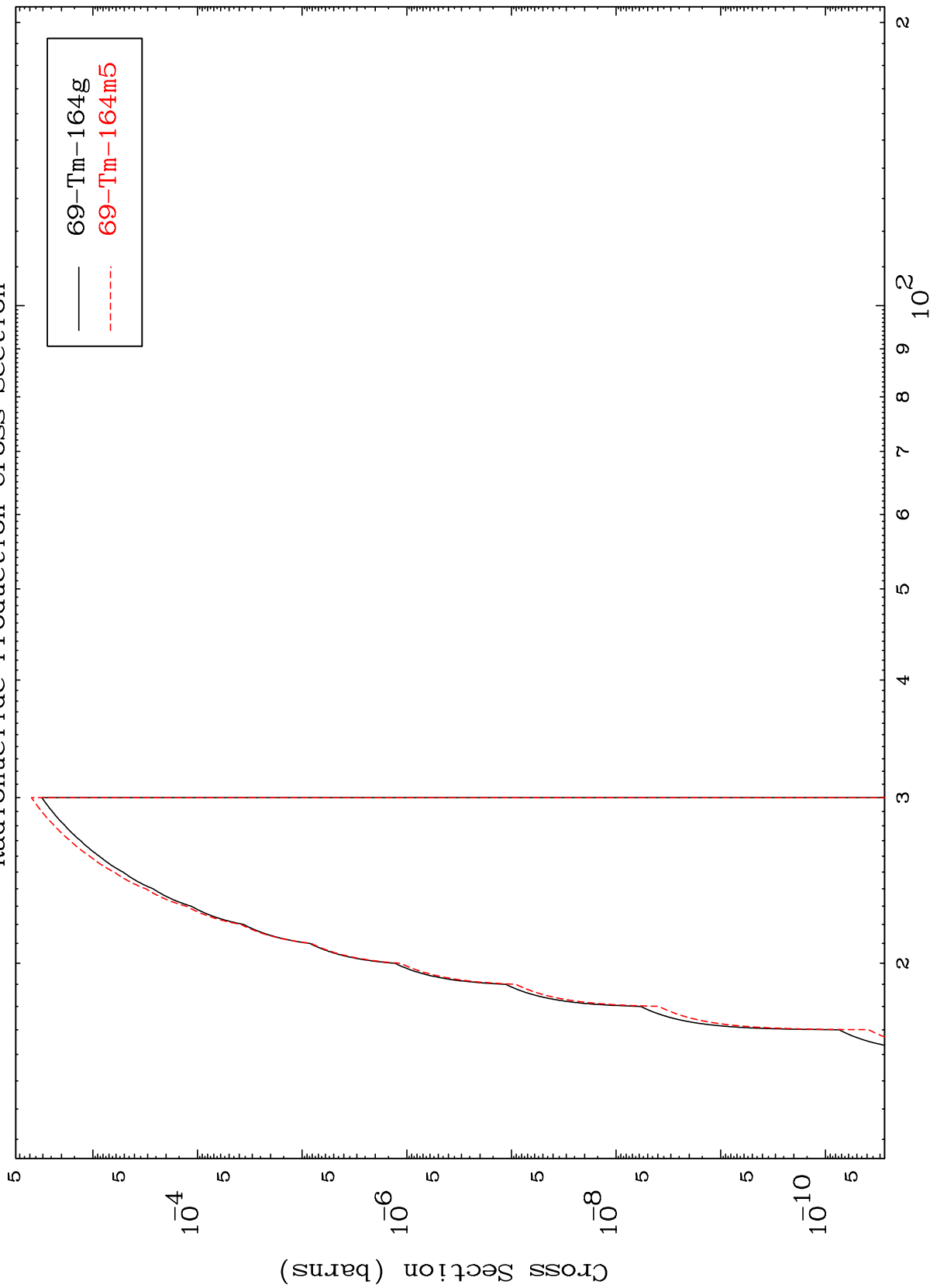
127

Incident Energy (MeV)

70-Yb-166



(n, n') d
Radionuclide Production Cross Section

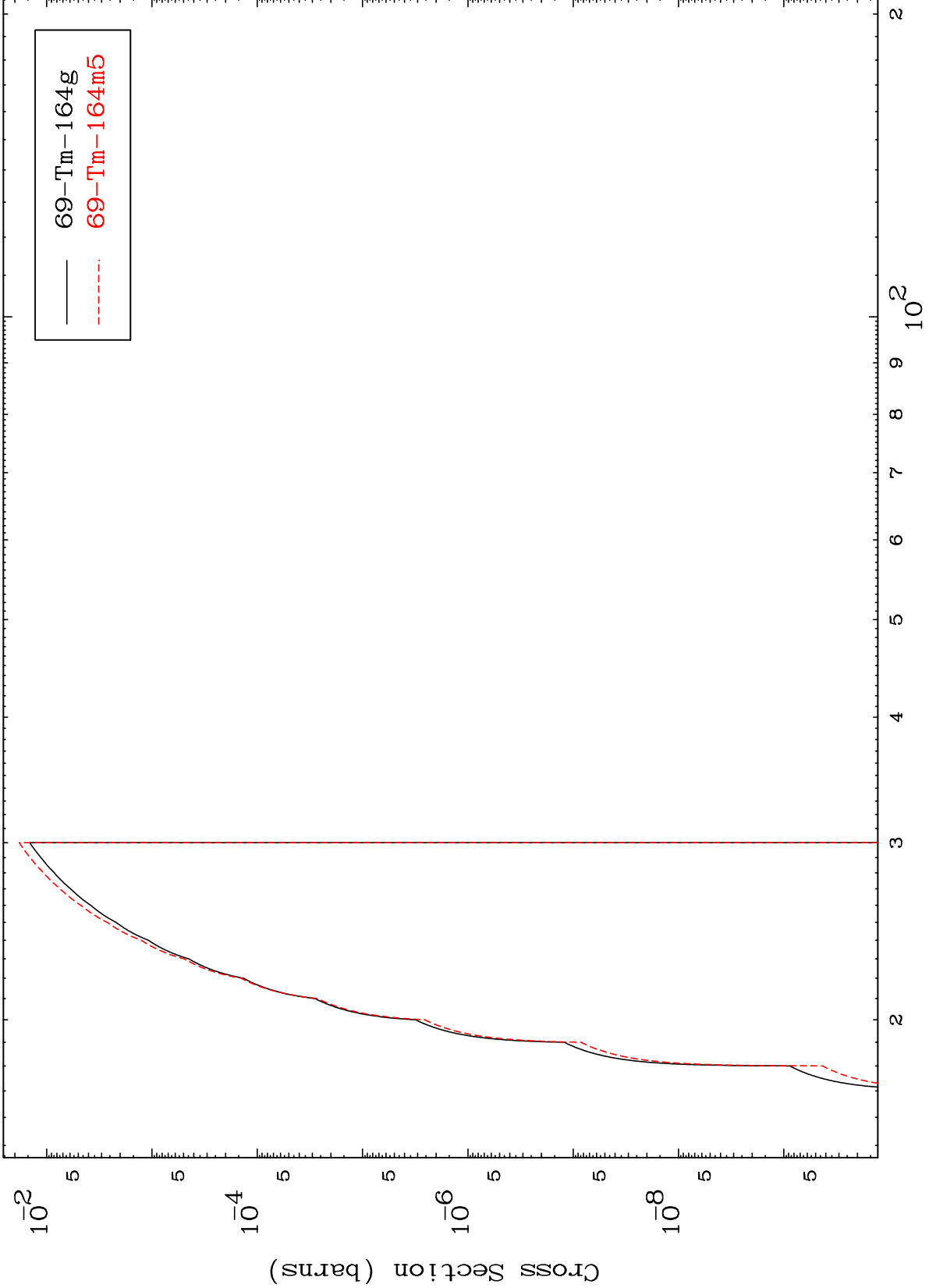


MAT 7019

(n,2n) p

70-Yb-166

Radionuclide Production Cross Section



130

Incident Energy (MeV)

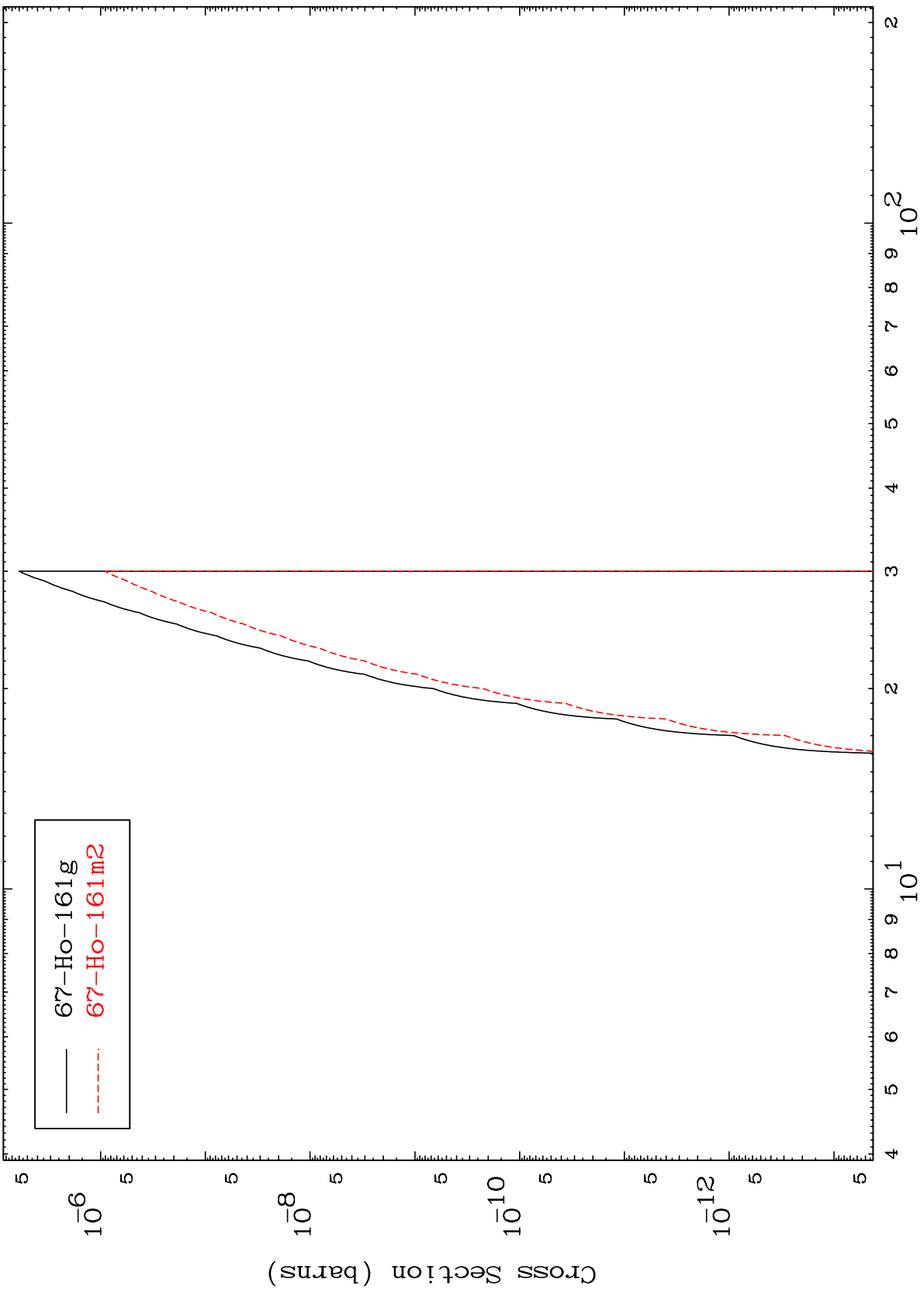
70-Yb-166

MAT 7019

(n,n') p α

70-Yb-166

Radionuclide Production Cross Section

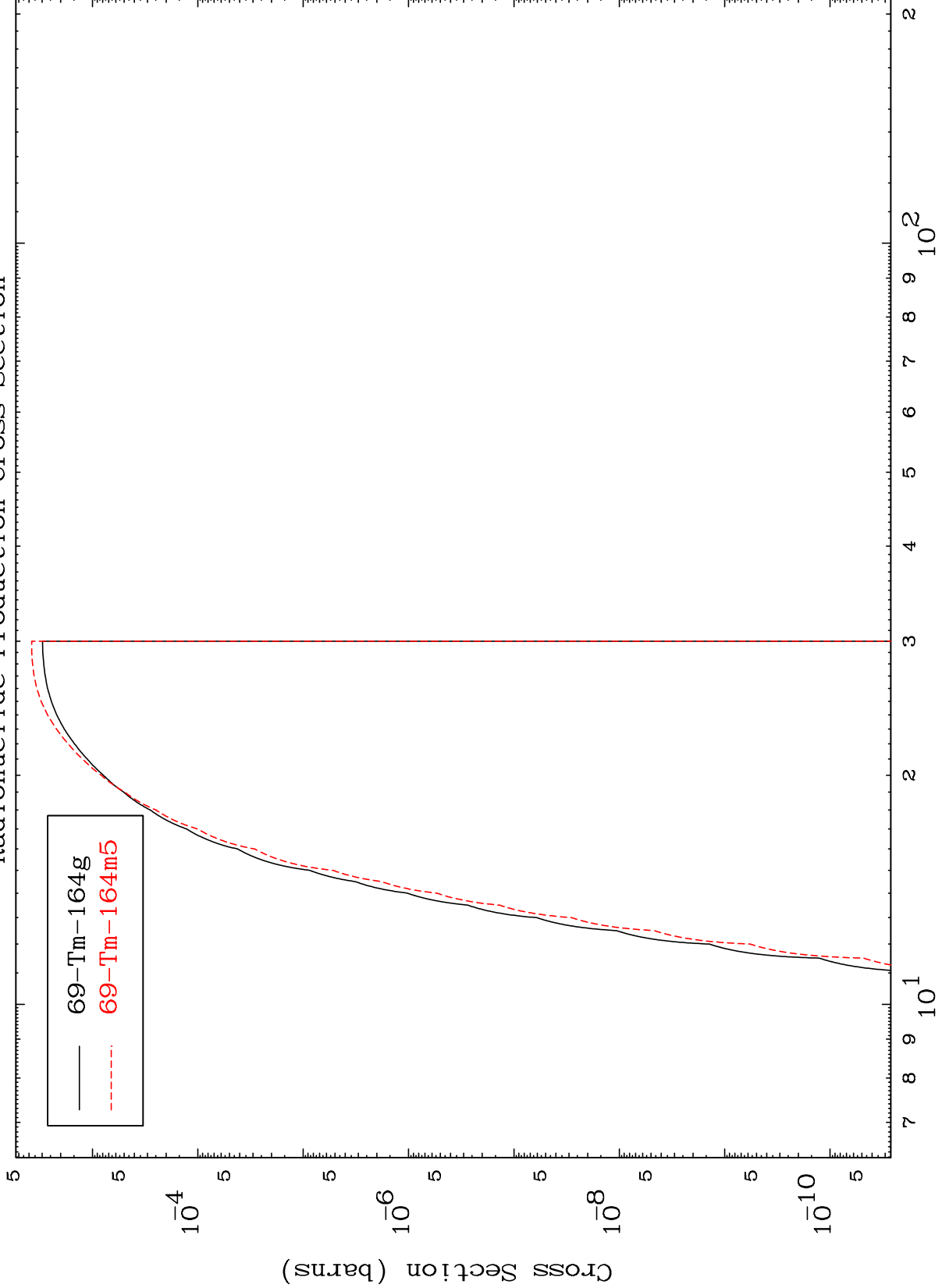


131

Incident Energy (MeV)

70-Yb-166

(n, t)
Radionuclide Production Cross Section

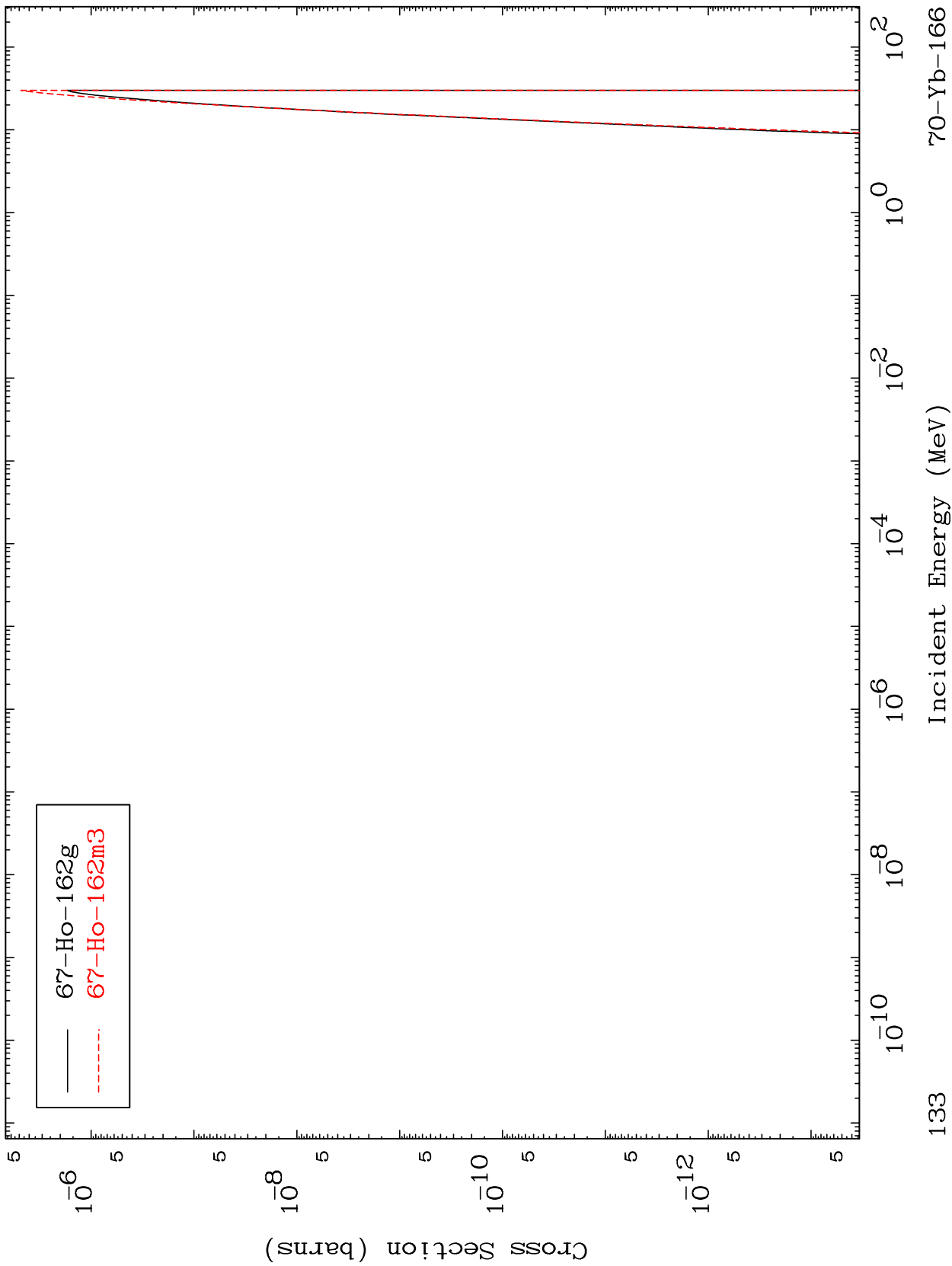


MAT 7019

(n,p) α

70-Yb-166

Radionuclide Production Cross Section

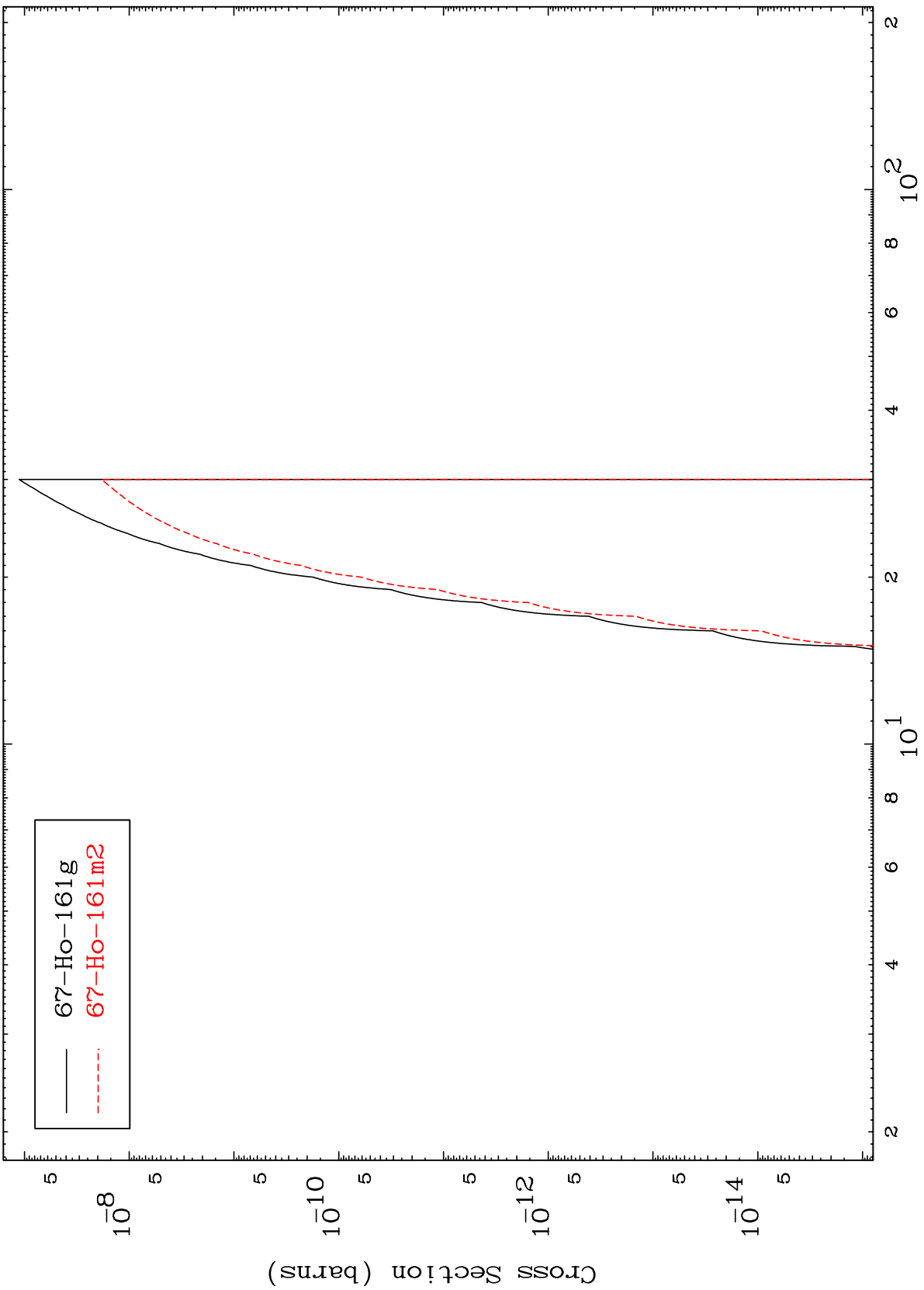


MAT 7019

(n,d) α

70-Yb-166

Radionuclide Production Cross Section



134

Incident Energy (MeV)

70-Yb-166