

Program EVALPLOT
(Version 2021-1)

by

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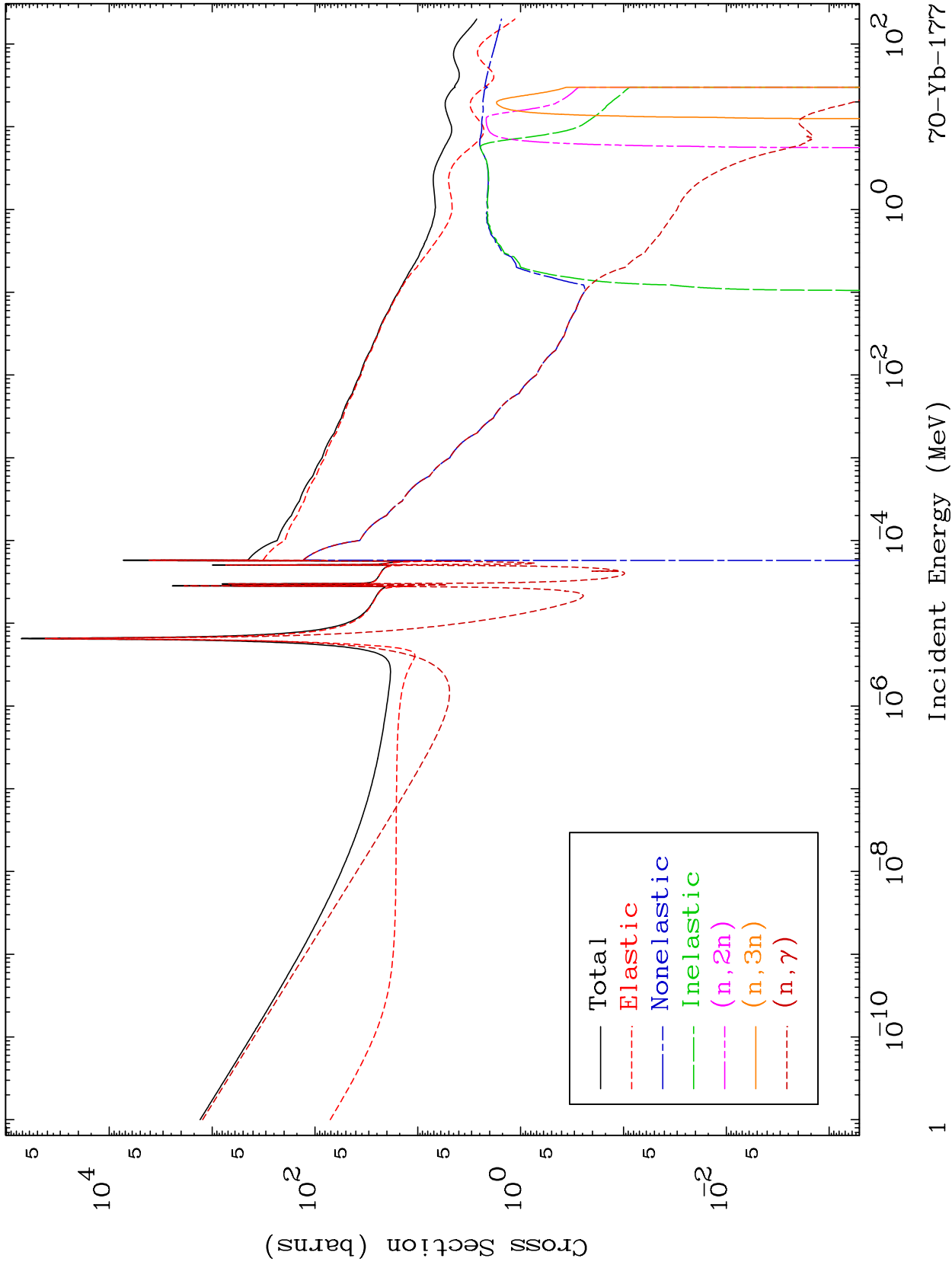
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7052

Neutron Major
293 Kelvin Cross Sections

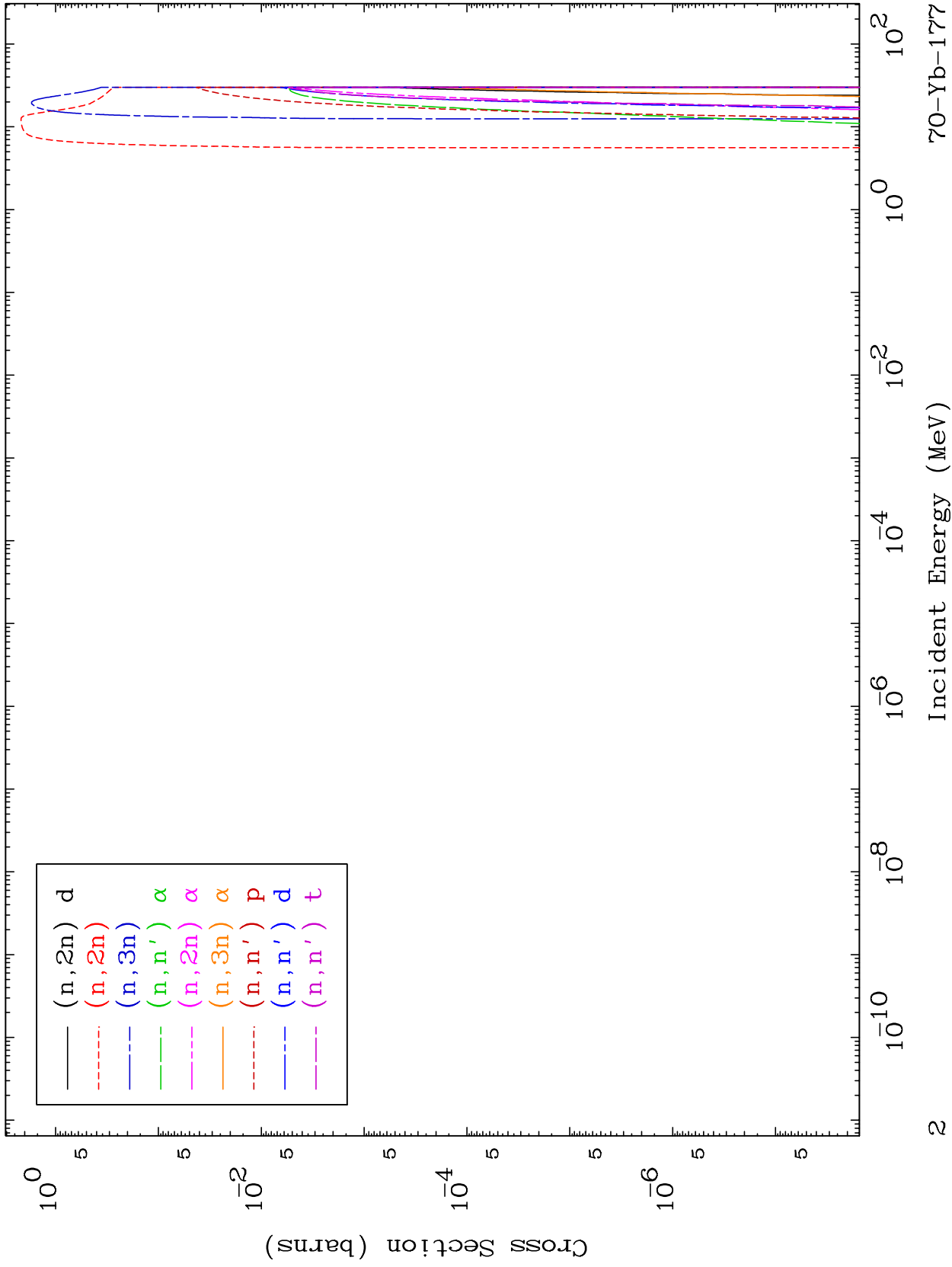
70-Yb-177



MAT 7052

Neutron Absorption
293 Kelvin Cross Sections

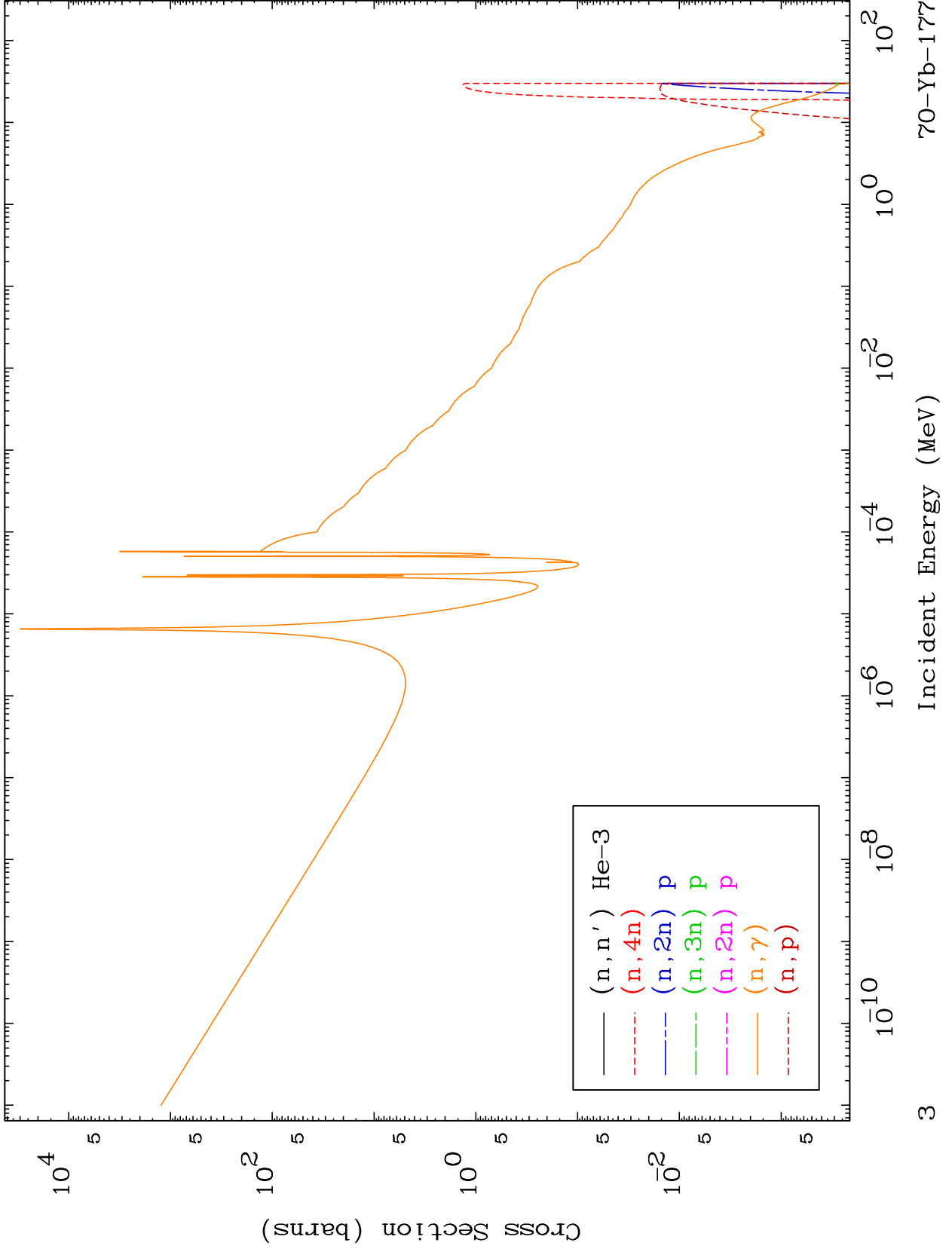
70-Yb-177

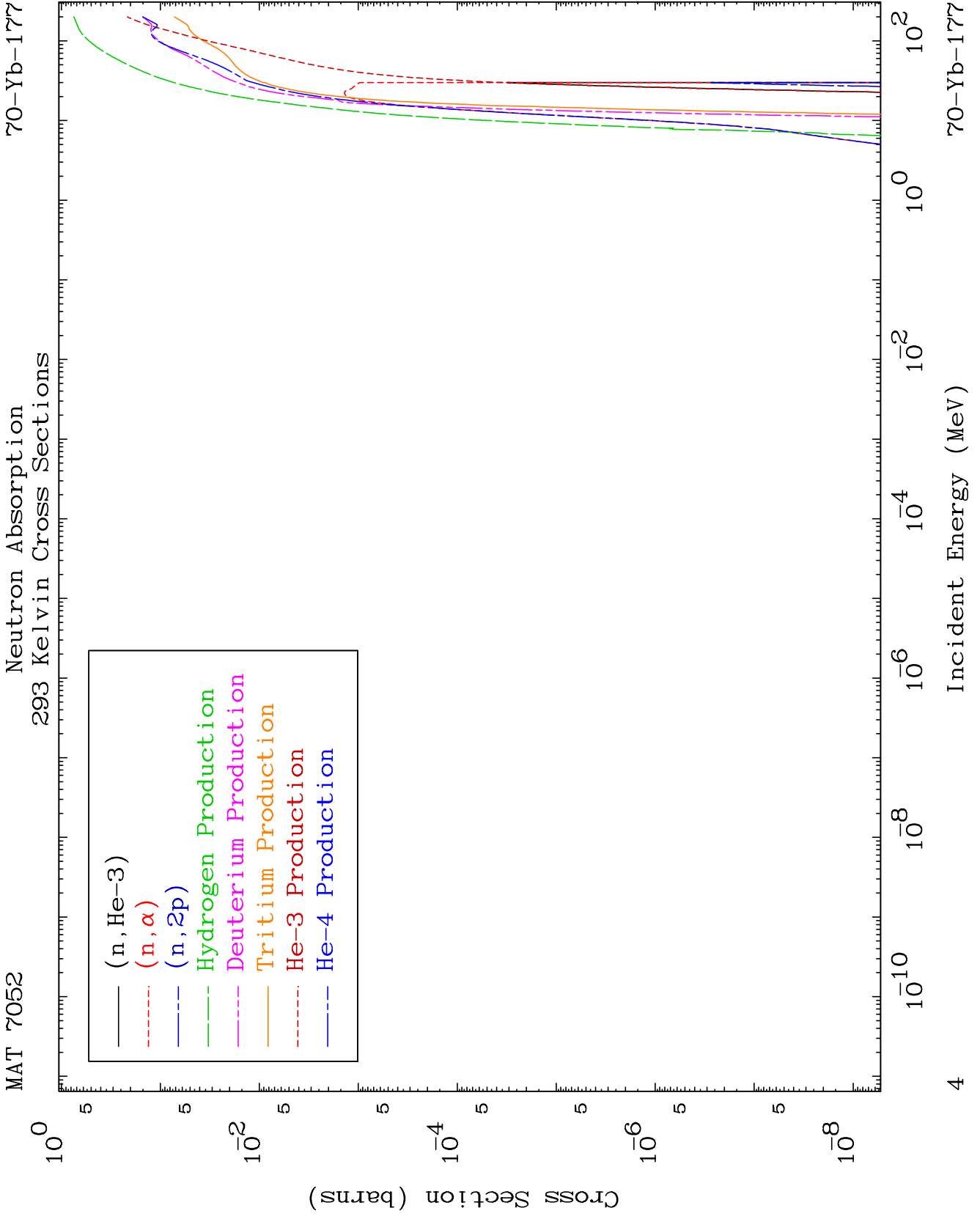


MAT 7052

Neutron Absorption
293 Kelvin Cross Sections

70-Yb-177

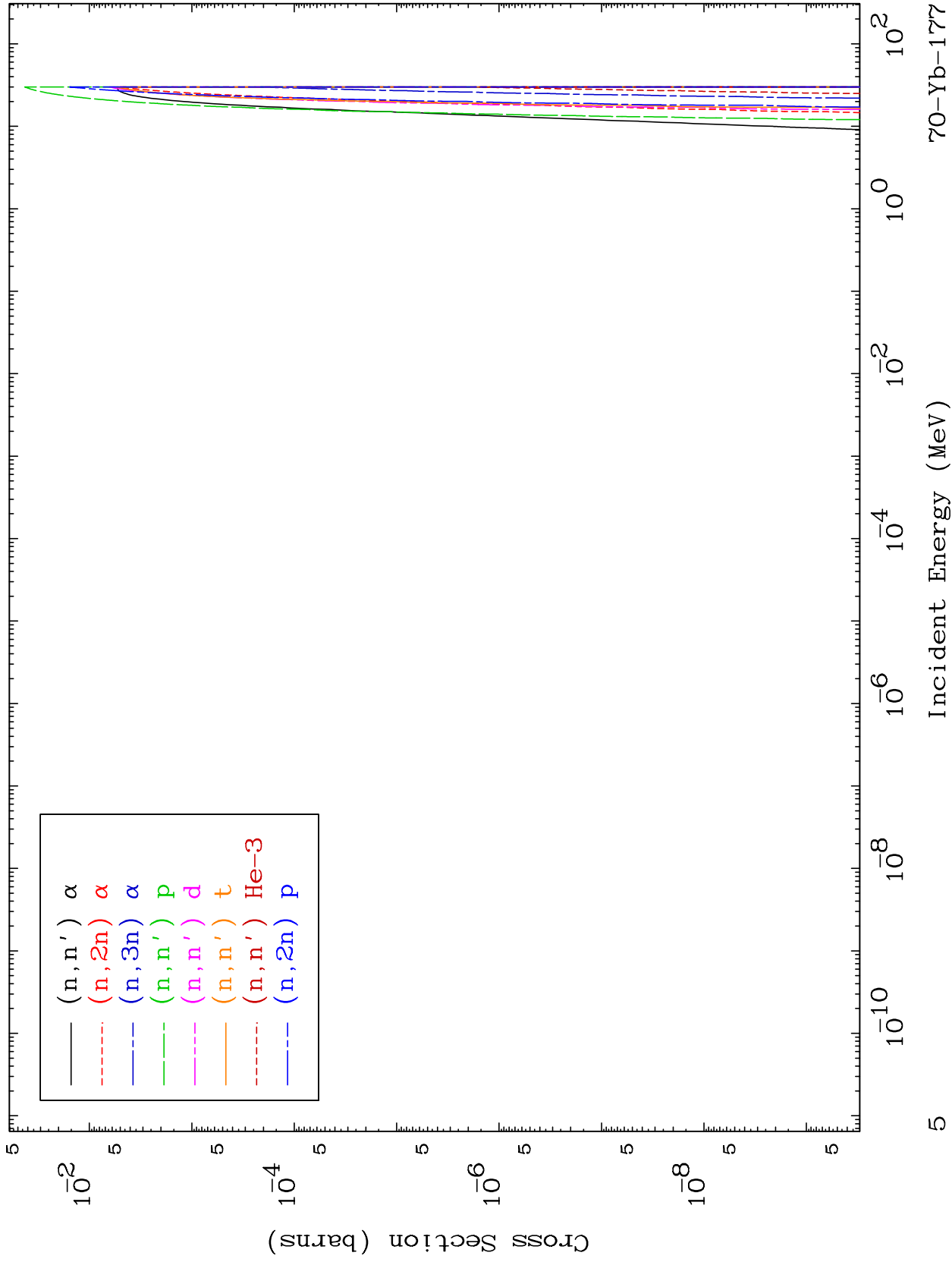




MAT 7052

Charged Particle
293 Kelvin Cross Sections

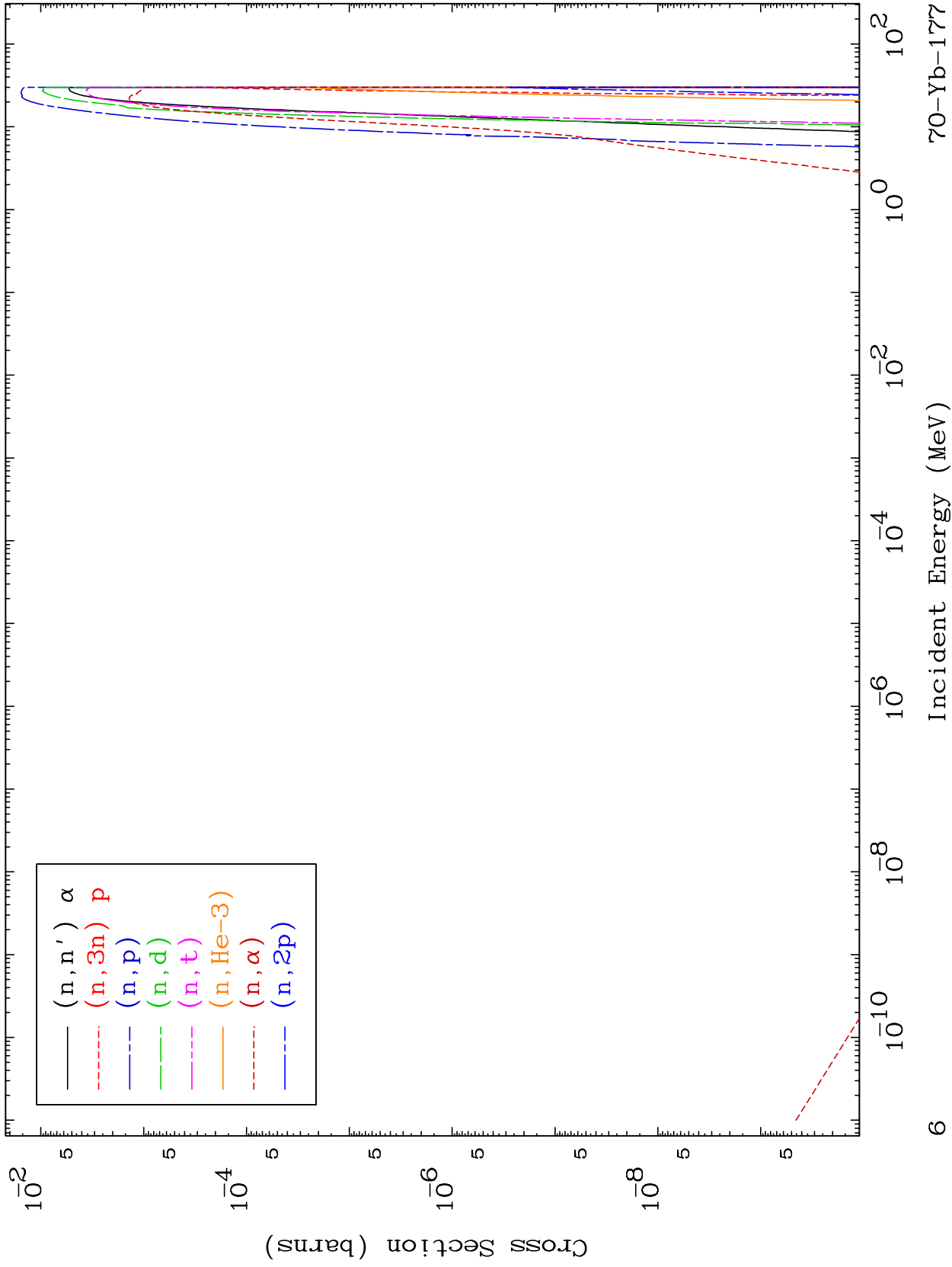
70-Yb-177



MAT 7052

Charged Particle
293 Kelvin Cross Sections

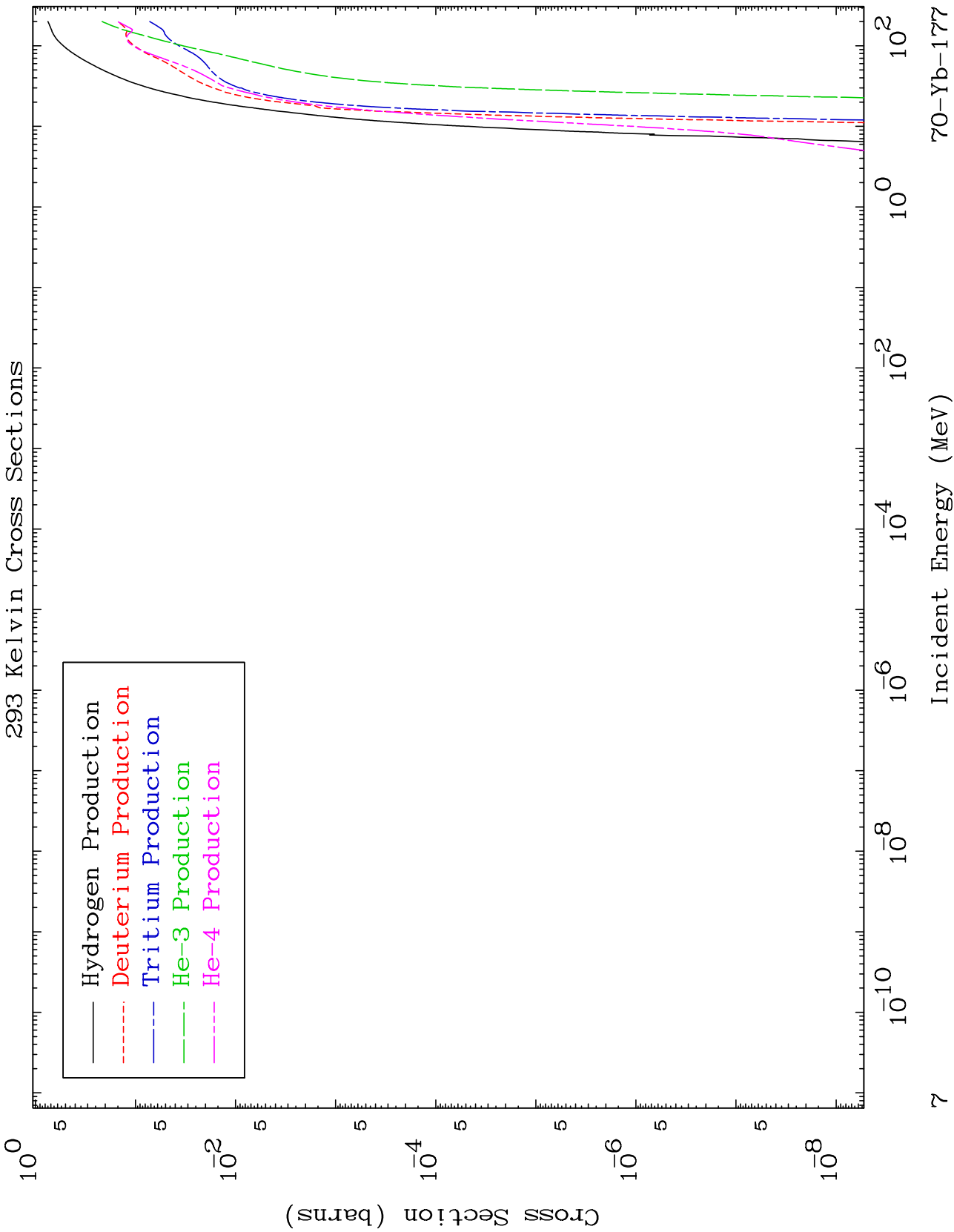
70-Yb-177



MAT 7052

Particle Production
293 Kelvin Cross Sections

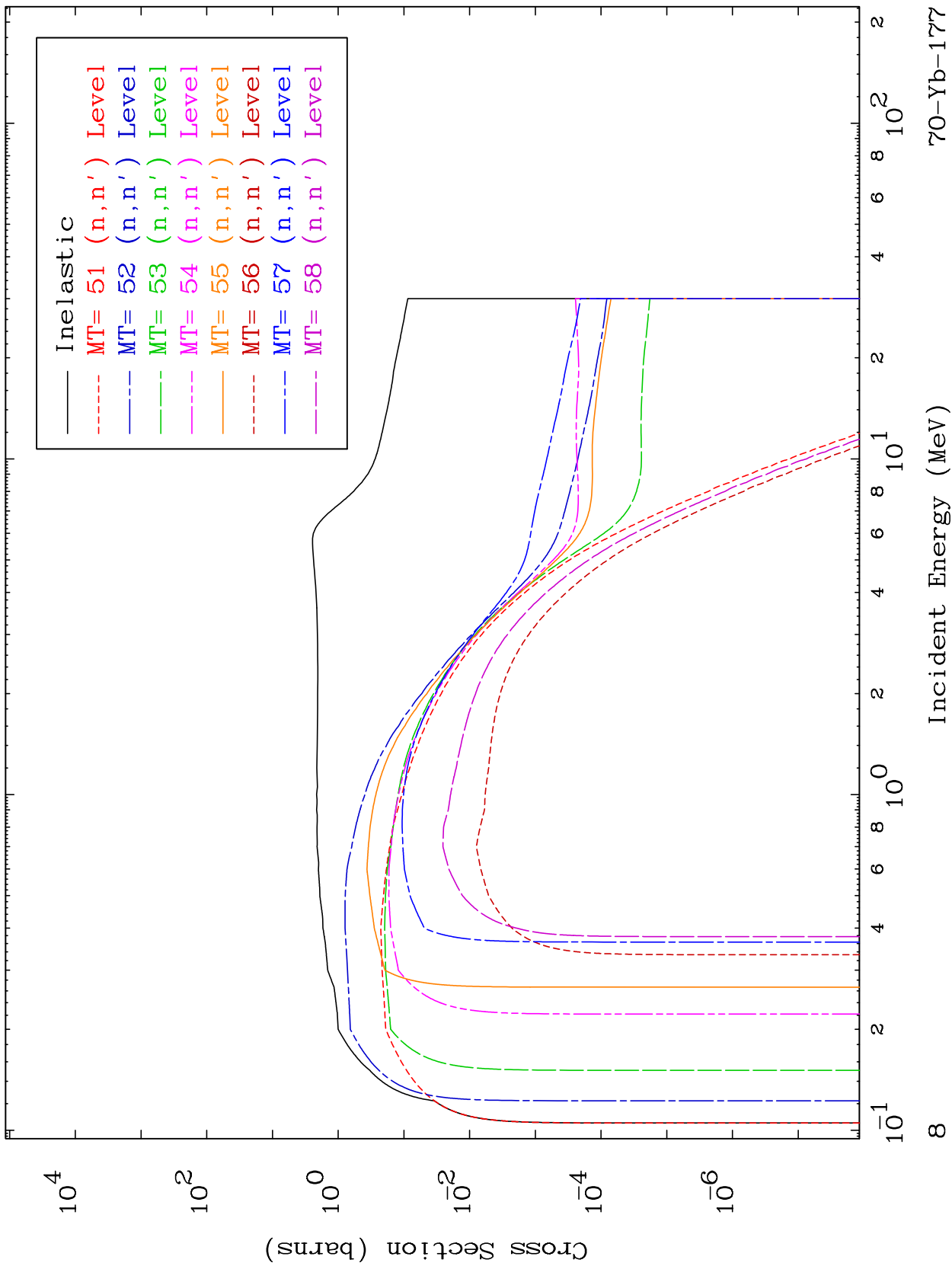
70-Yb-177



MAT 7052

(n,n') Levels
293 Kelvin Cross Sections

70-Yb-177



70-Yb-177

Incident Energy (MeV)

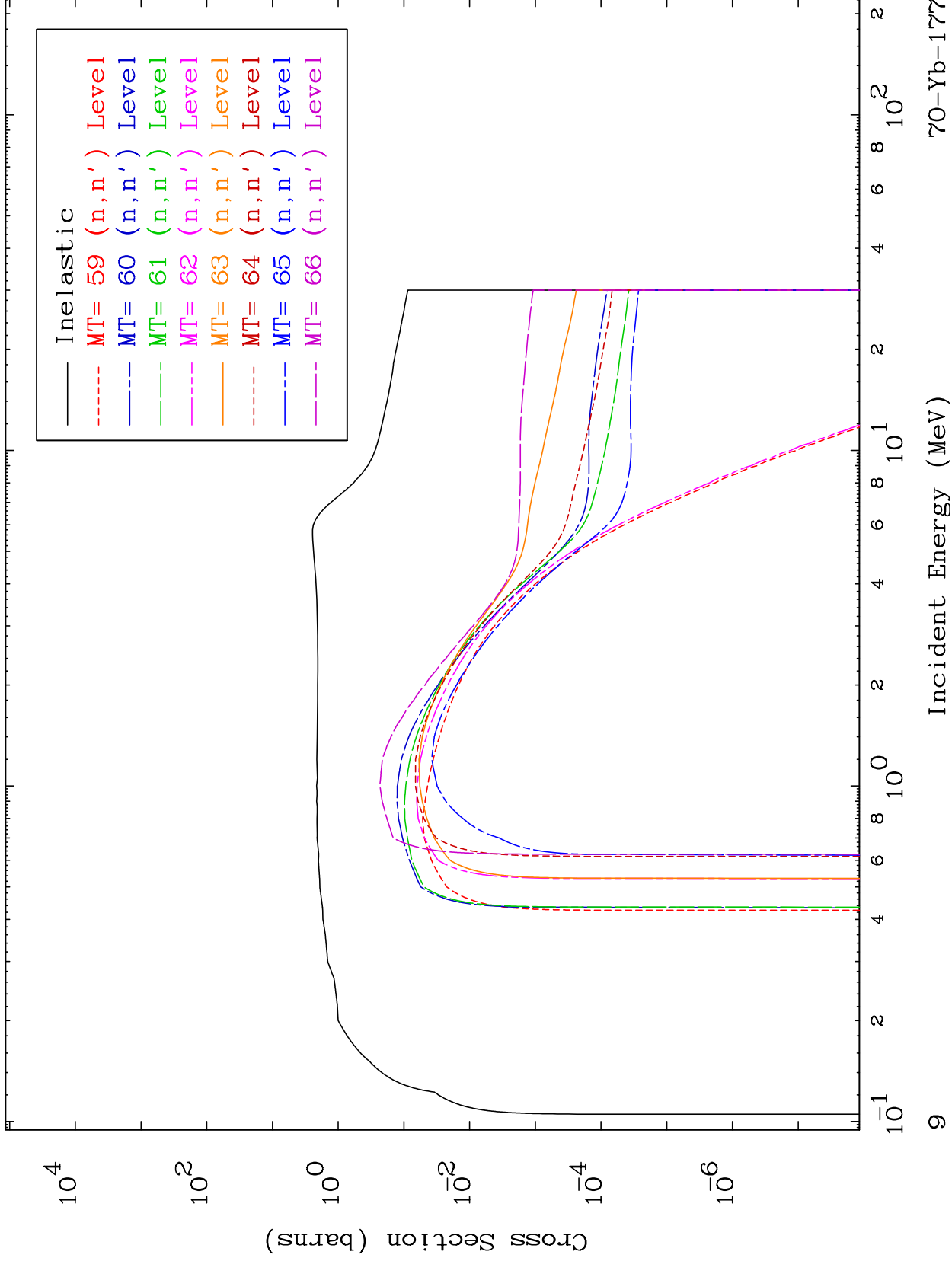
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MAT 7052

(n,n') Levels

293 Kelvin Cross Sections

70-Yb-177



Incident Energy (MeV)

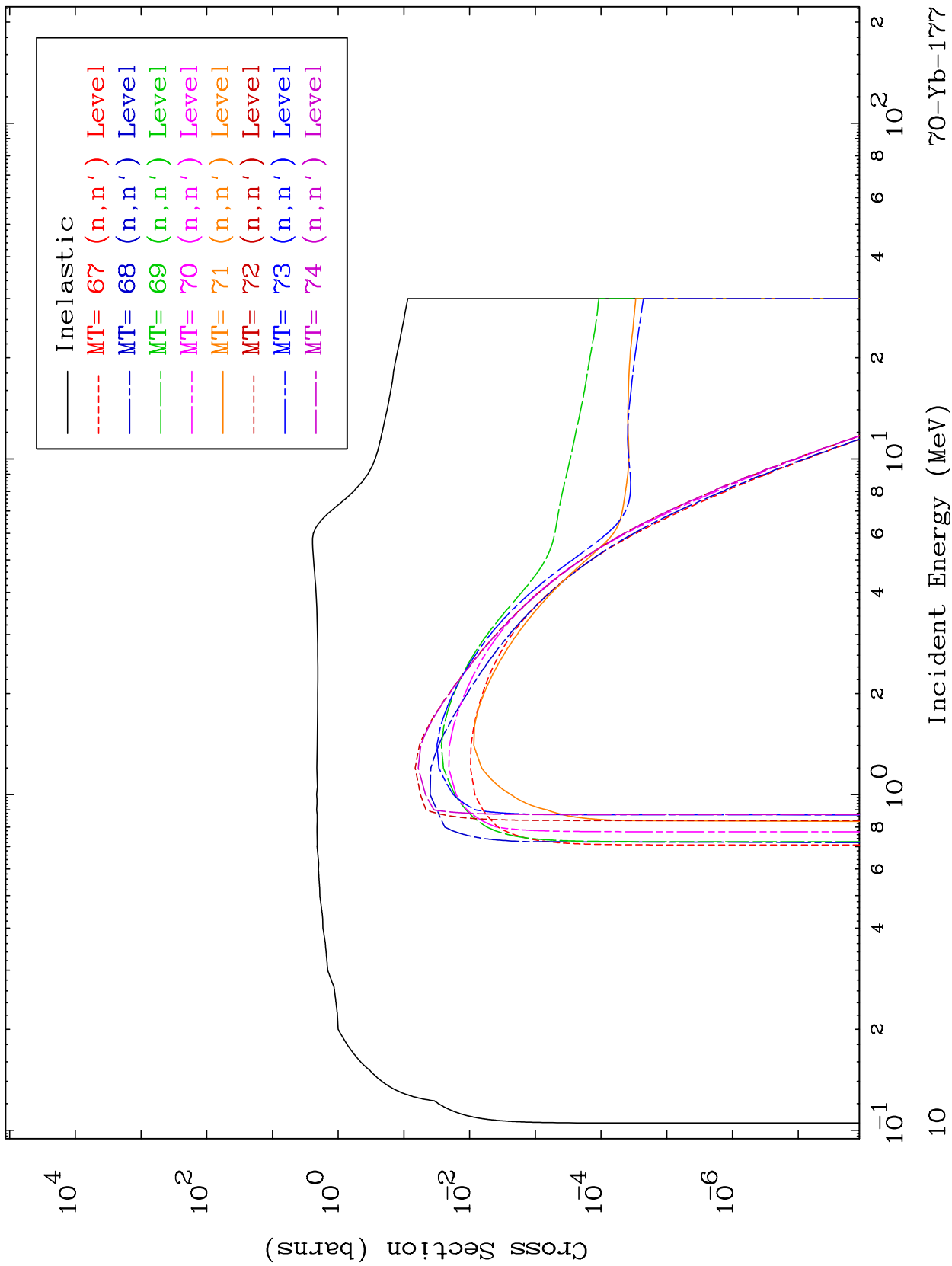
70-Yb-177

9

MAT 7052

(n,n') Levels
293 Kelvin Cross Sections

70-Yb-177

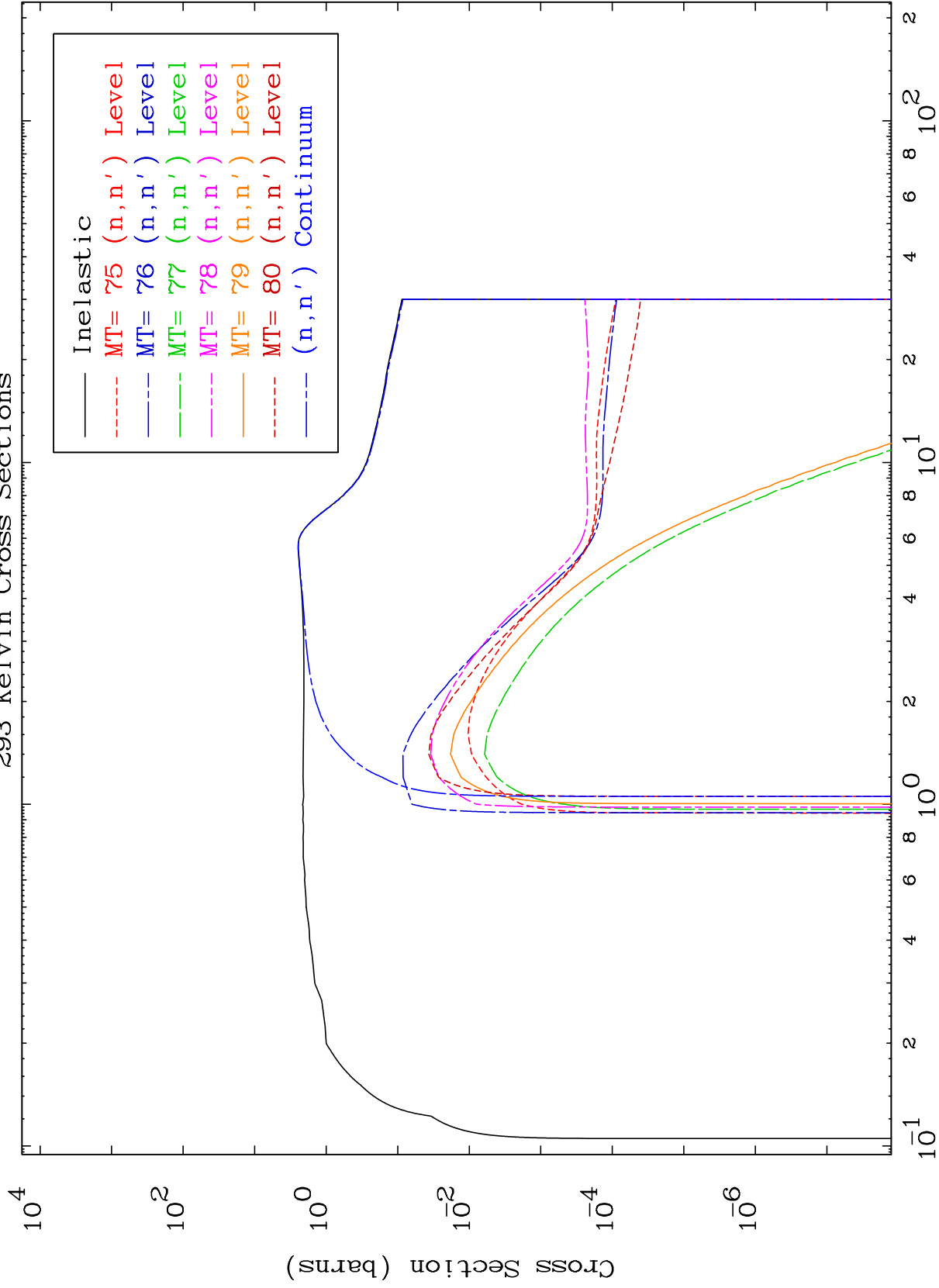


MAT 7052

(n,n') Levels

293 Kelvin Cross Sections

70-Yb-177



11

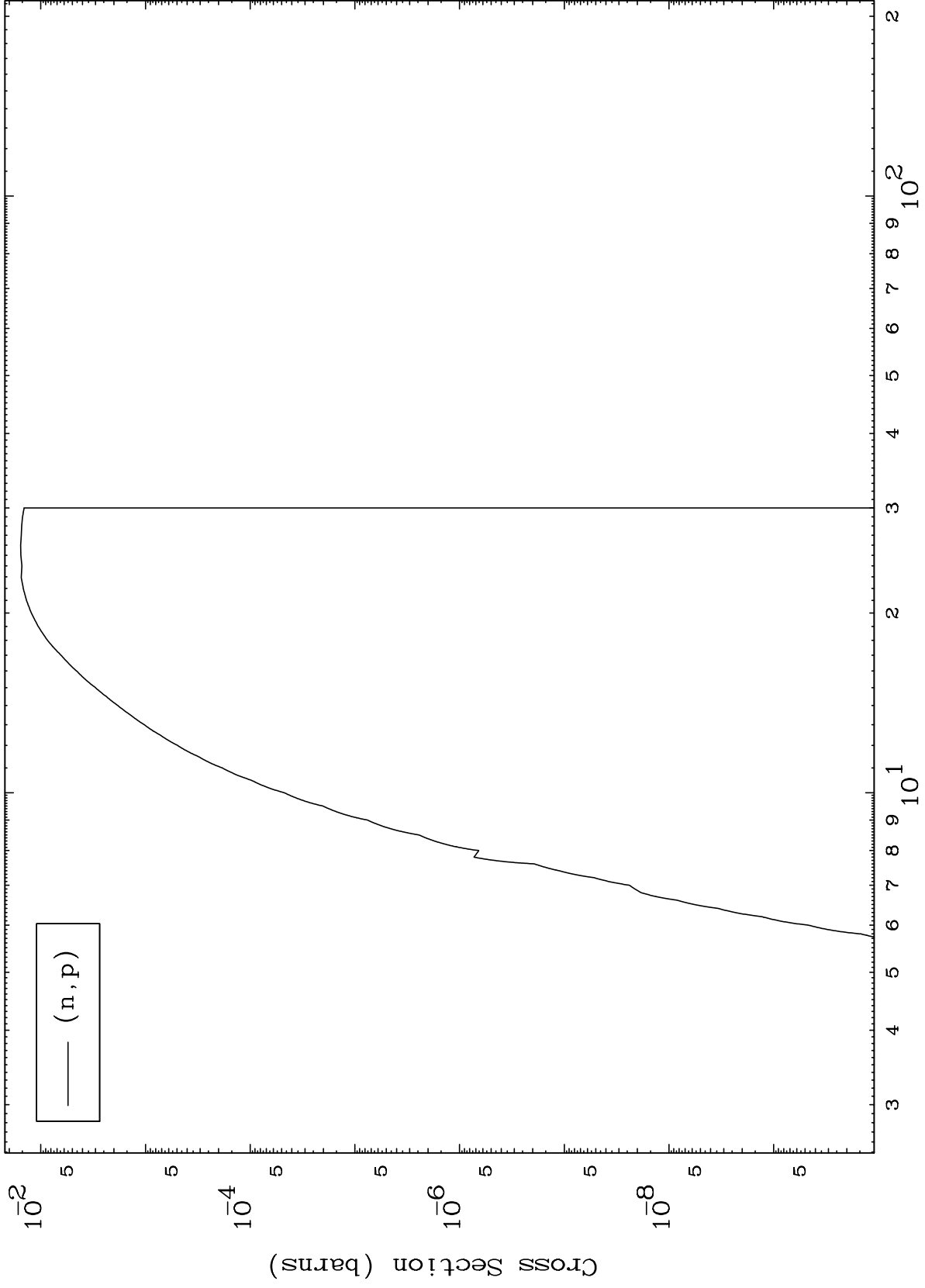
Incident Energy (MeV)

70-Yb-177

MAT 7052

(n,p) Levels
293 Kelvin Cross Sections

70-Yb-177



12

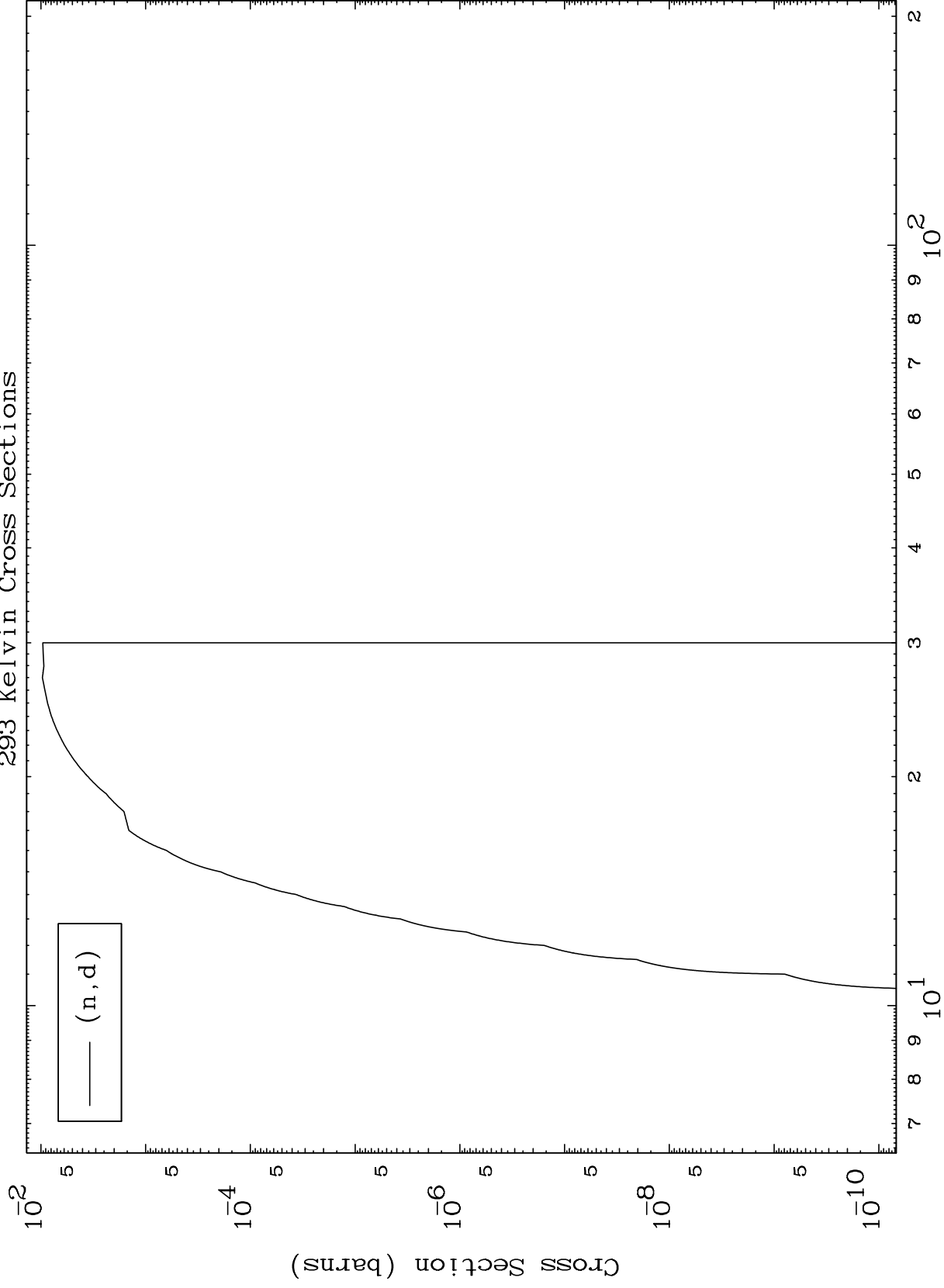
Incident Energy (MeV)

70-Yb-177

MAT 7052

(n,d) Levels
293 Kelvin Cross Sections

70-Yb-177



13

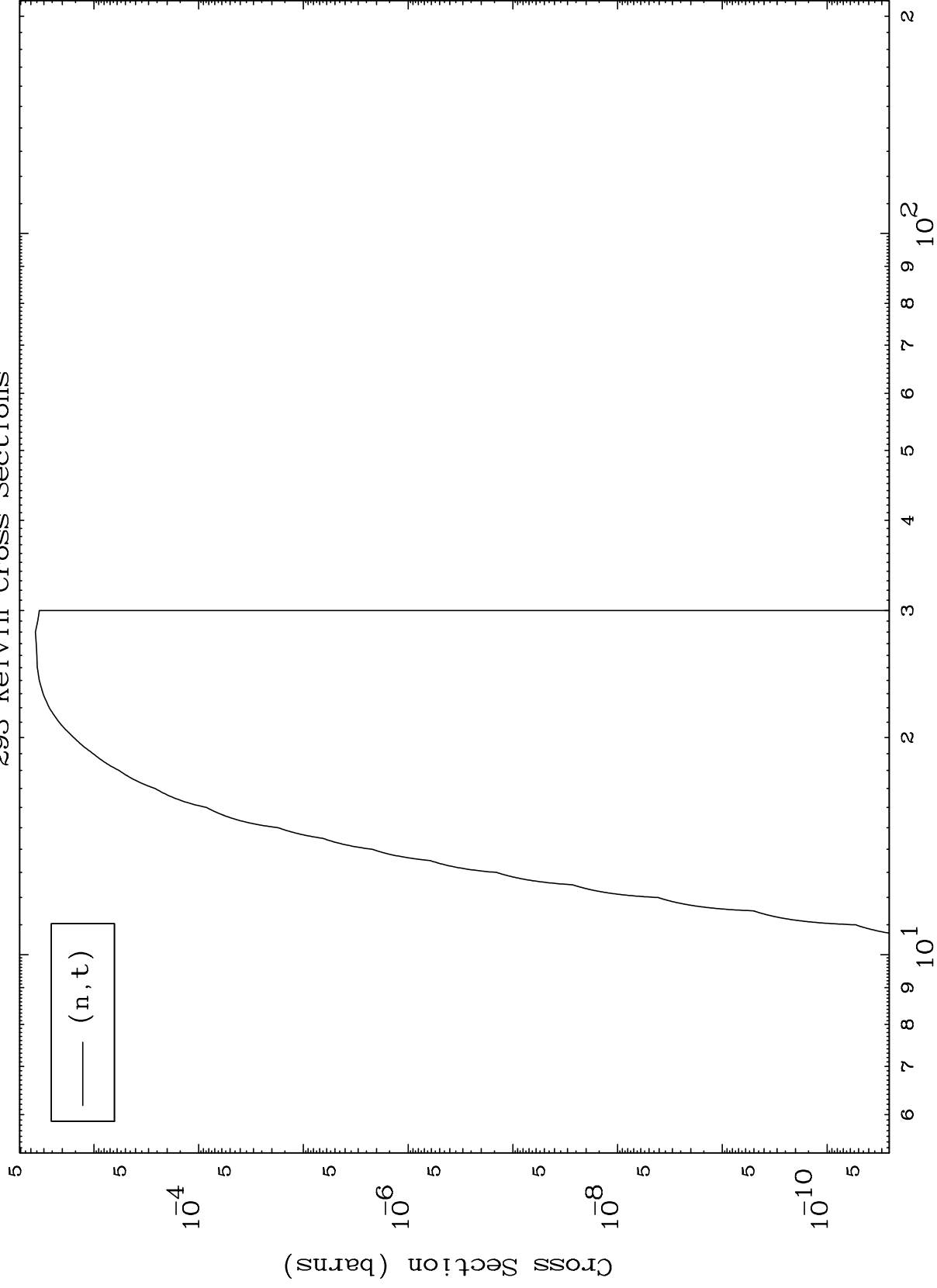
Incident Energy (MeV)

70-Yb-177

MAT 7052

(n,t) Levels
293 Kelvin Cross Sections

70-Yb-177



14

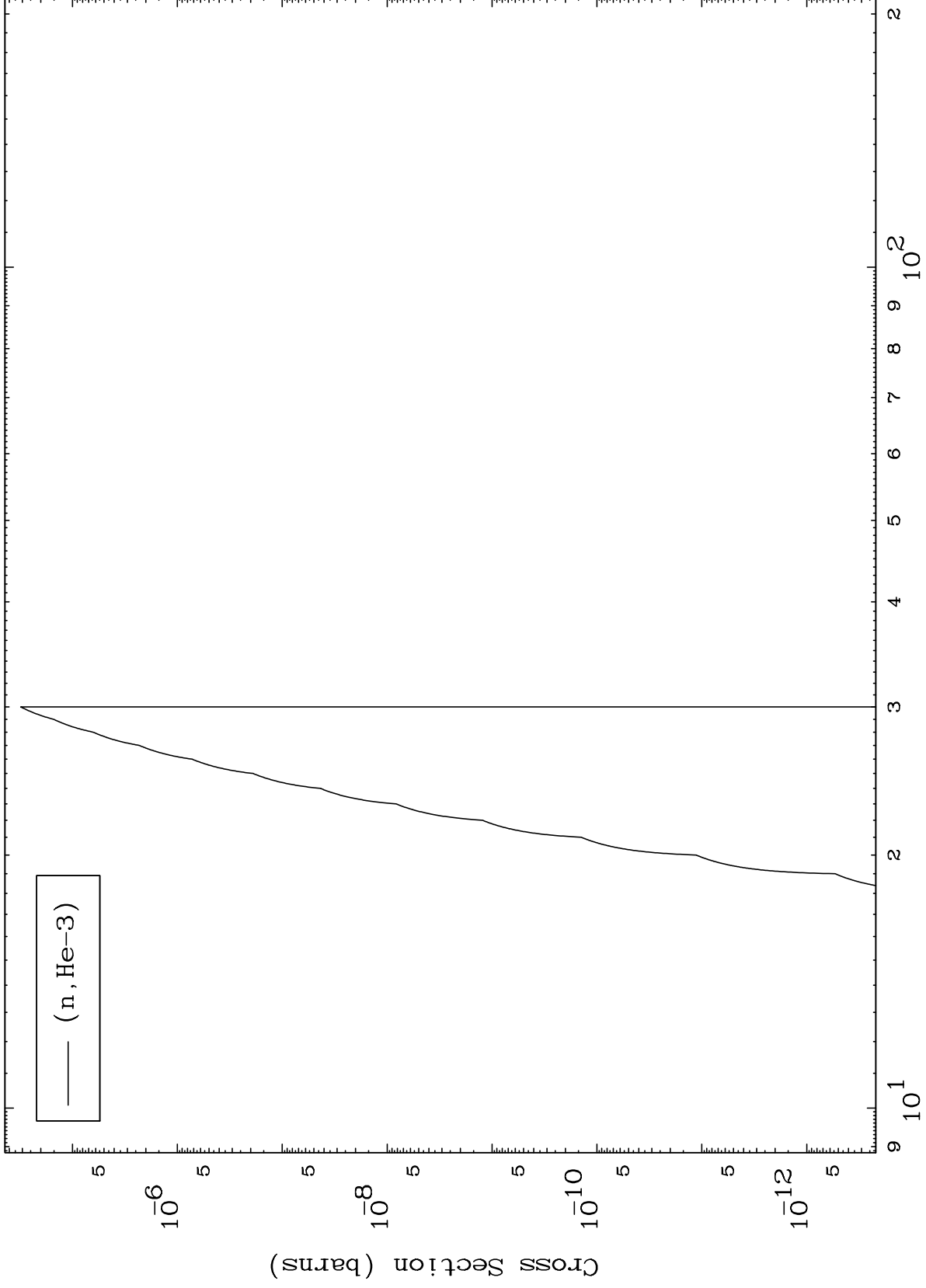
Incident Energy (MeV)

70-Yb-177

MAT 7052

(n,He3) Levels
293 Kelvin Cross Sections

70-Yb-177



15

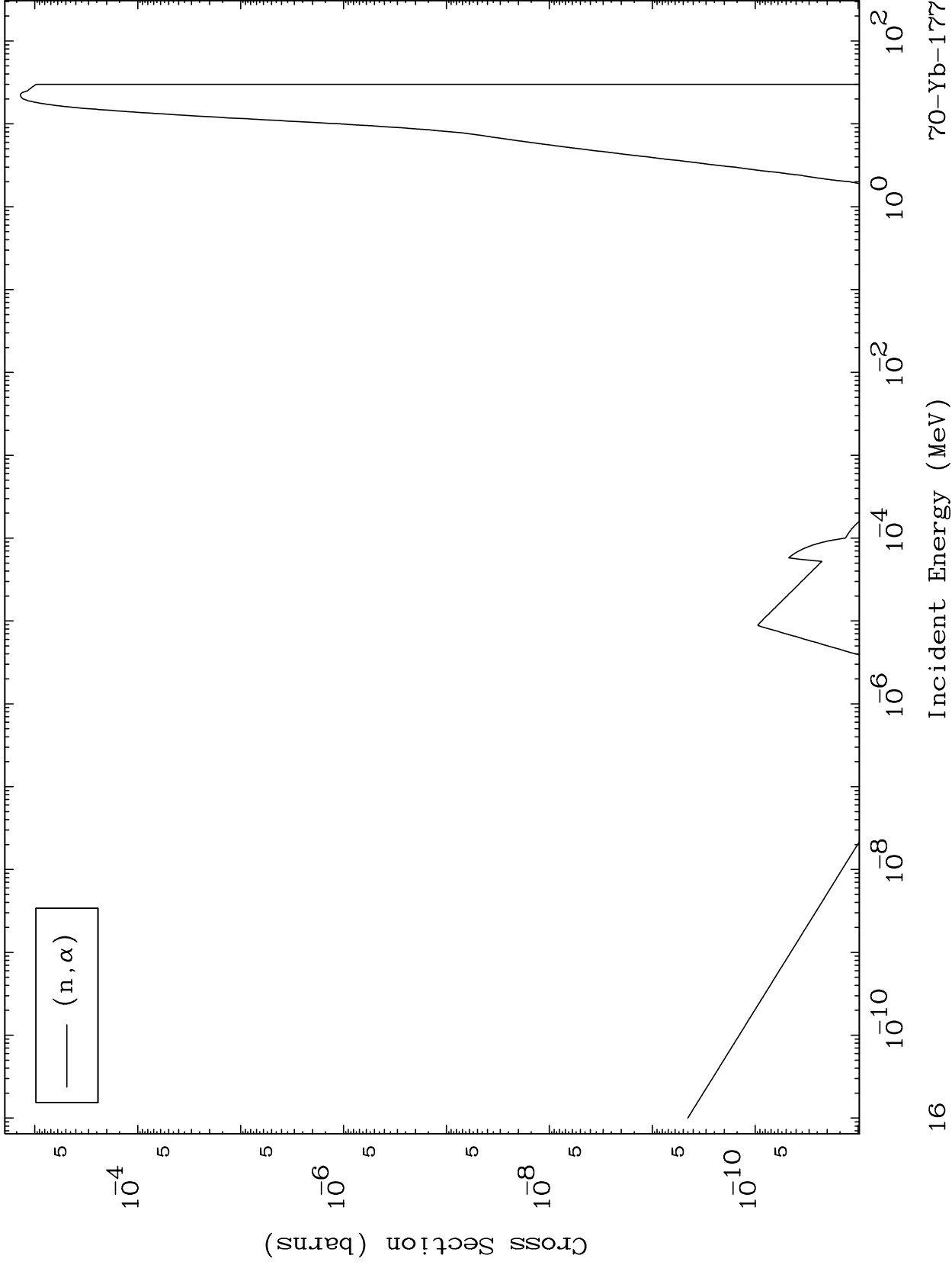
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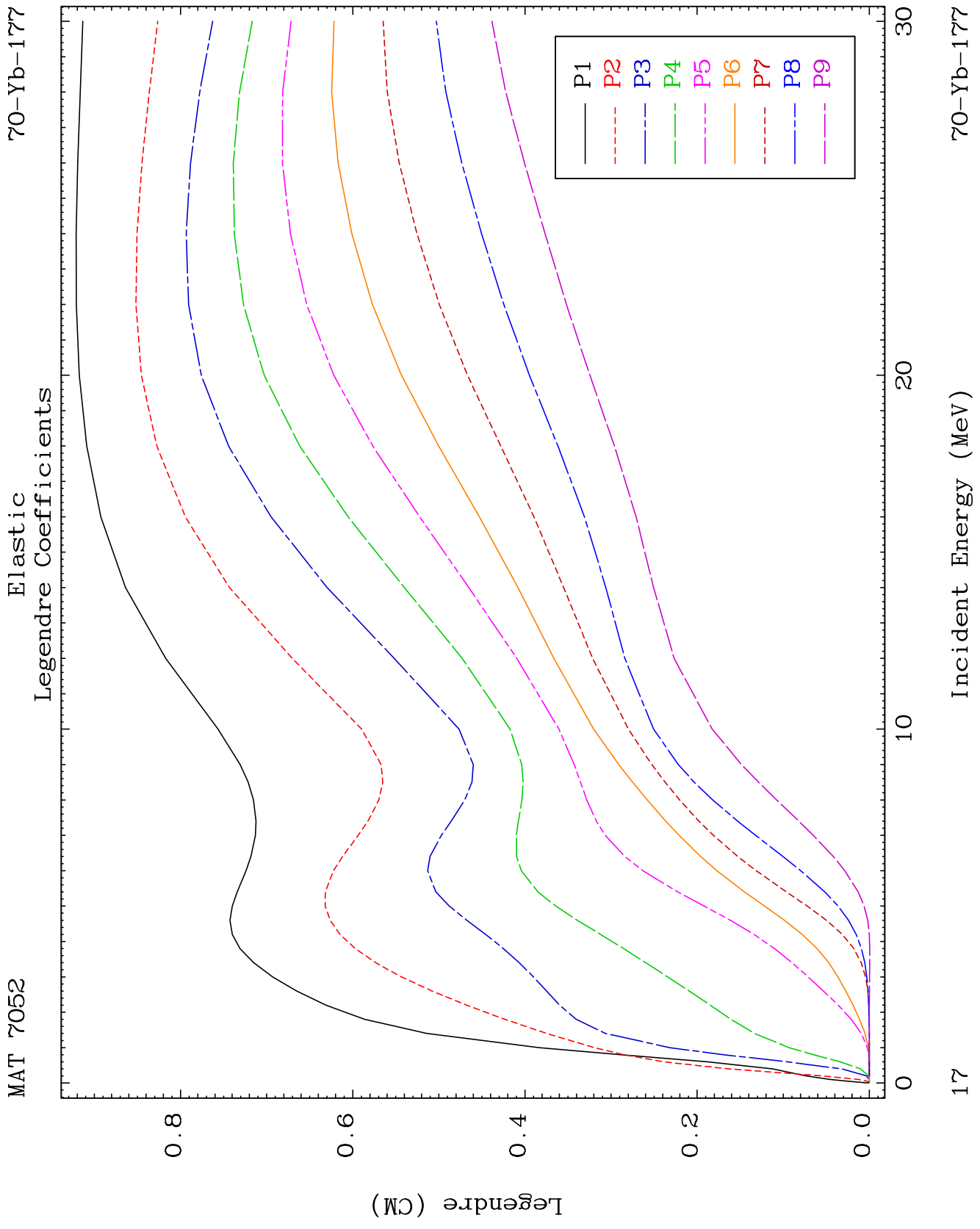
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MAT 7052

(n, α) Levels
293 Kelvin Cross Sections

70-Yb-177

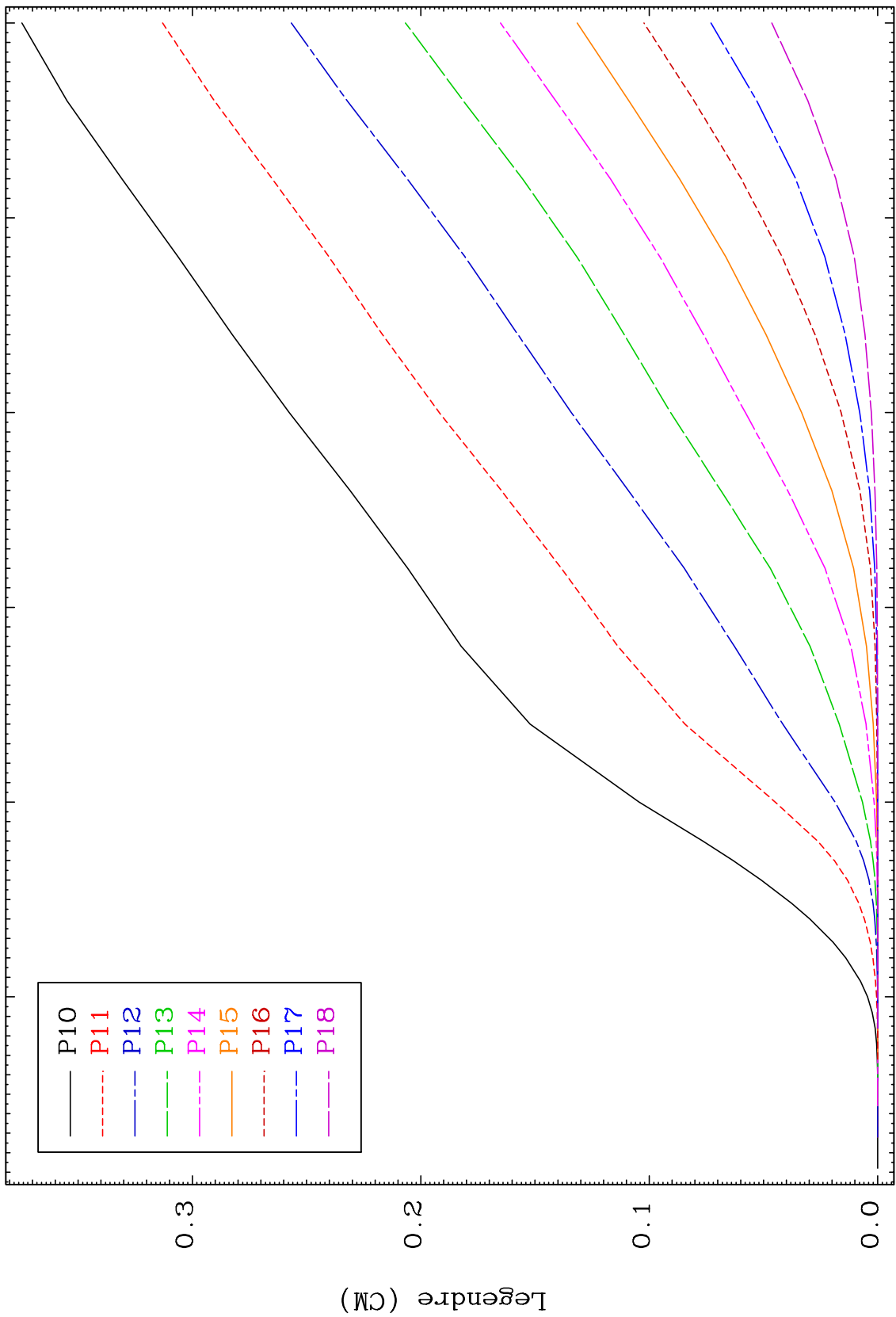




MAT 7052

Elastic Legendre Coefficients

70-Yb-177



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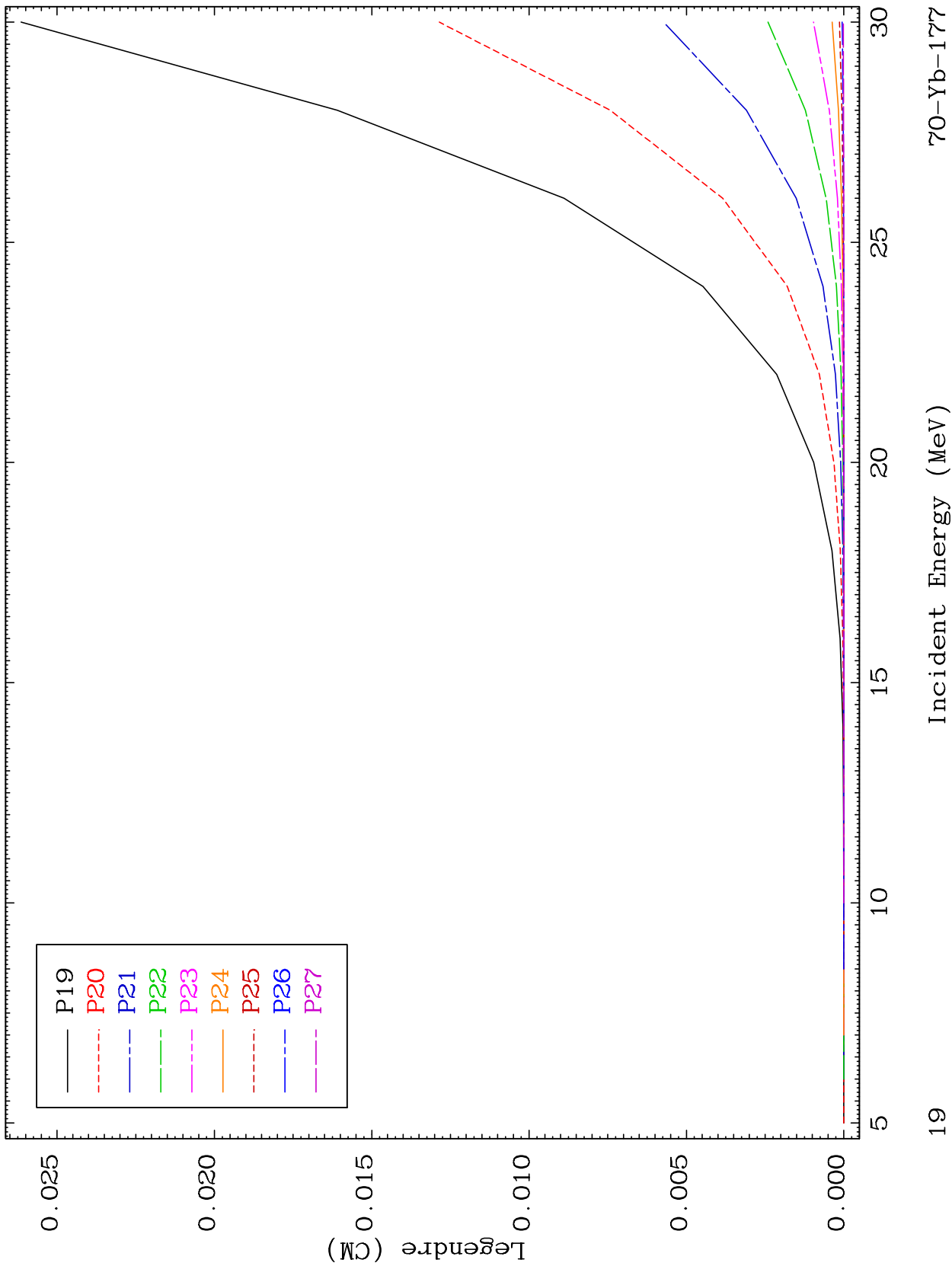
Incident Energy (MeV)

70-Yb-177

MAT 7052

Elastic Legendre Coefficients

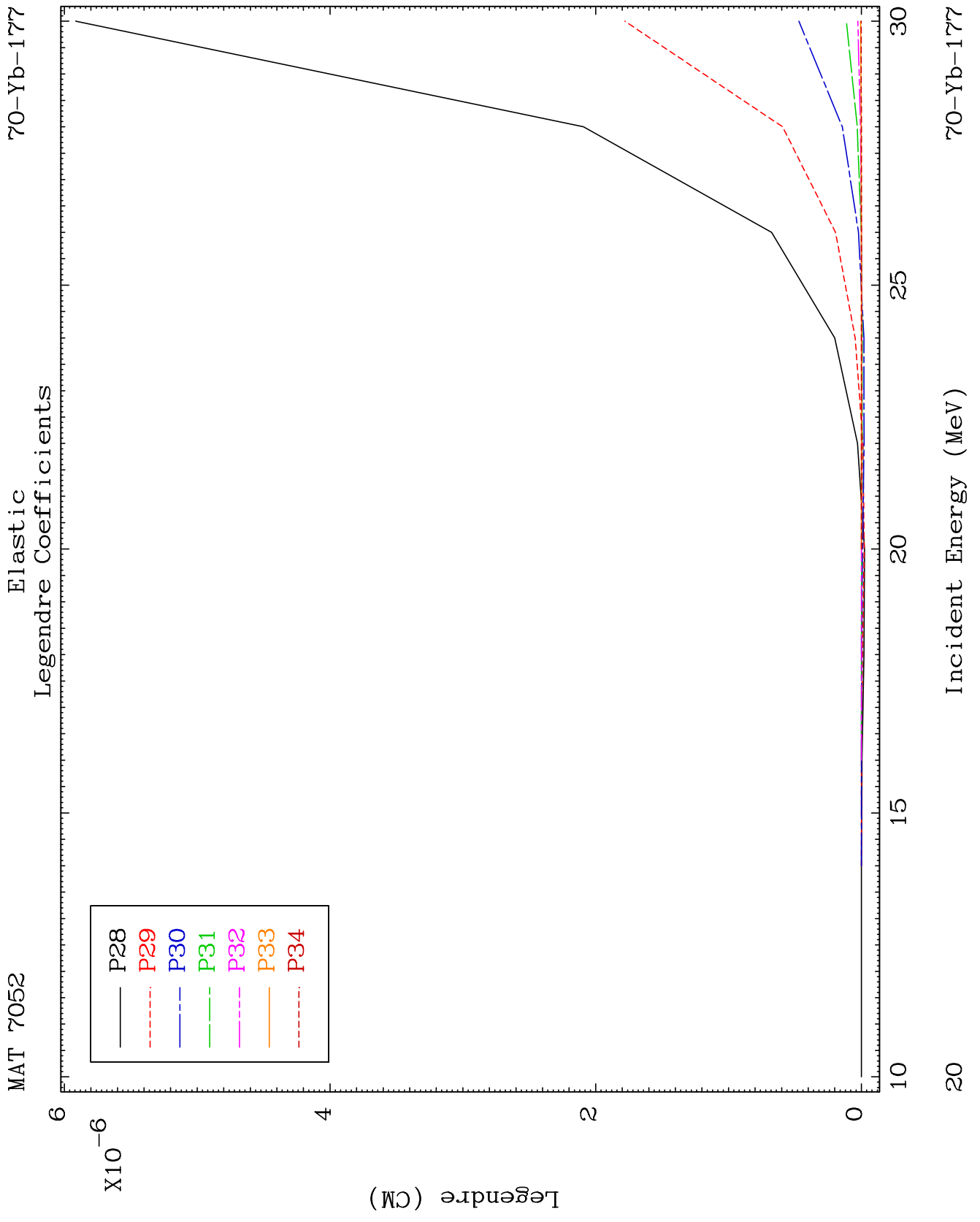
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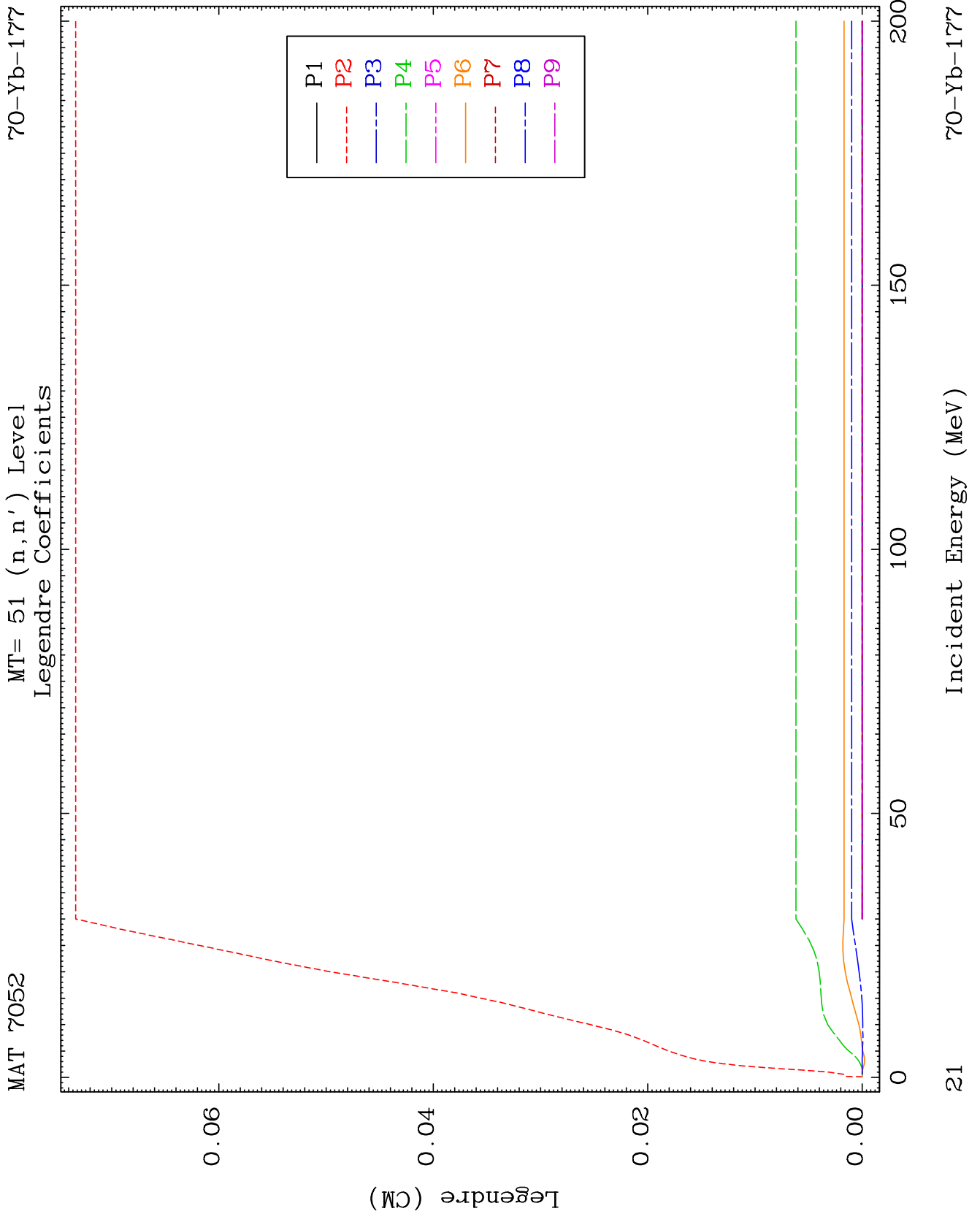


19

Incident Energy (MeV)

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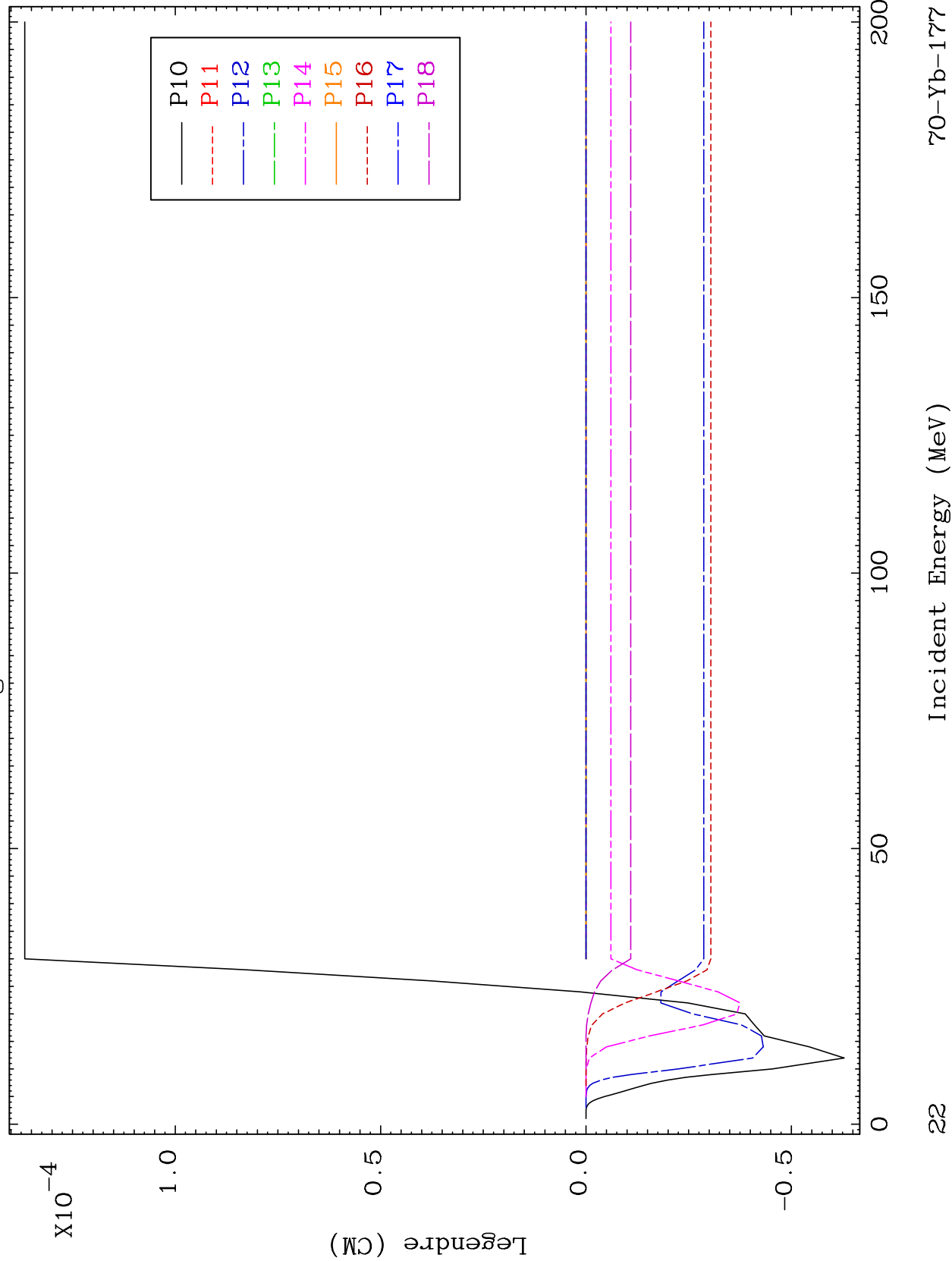




MAT 7052

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

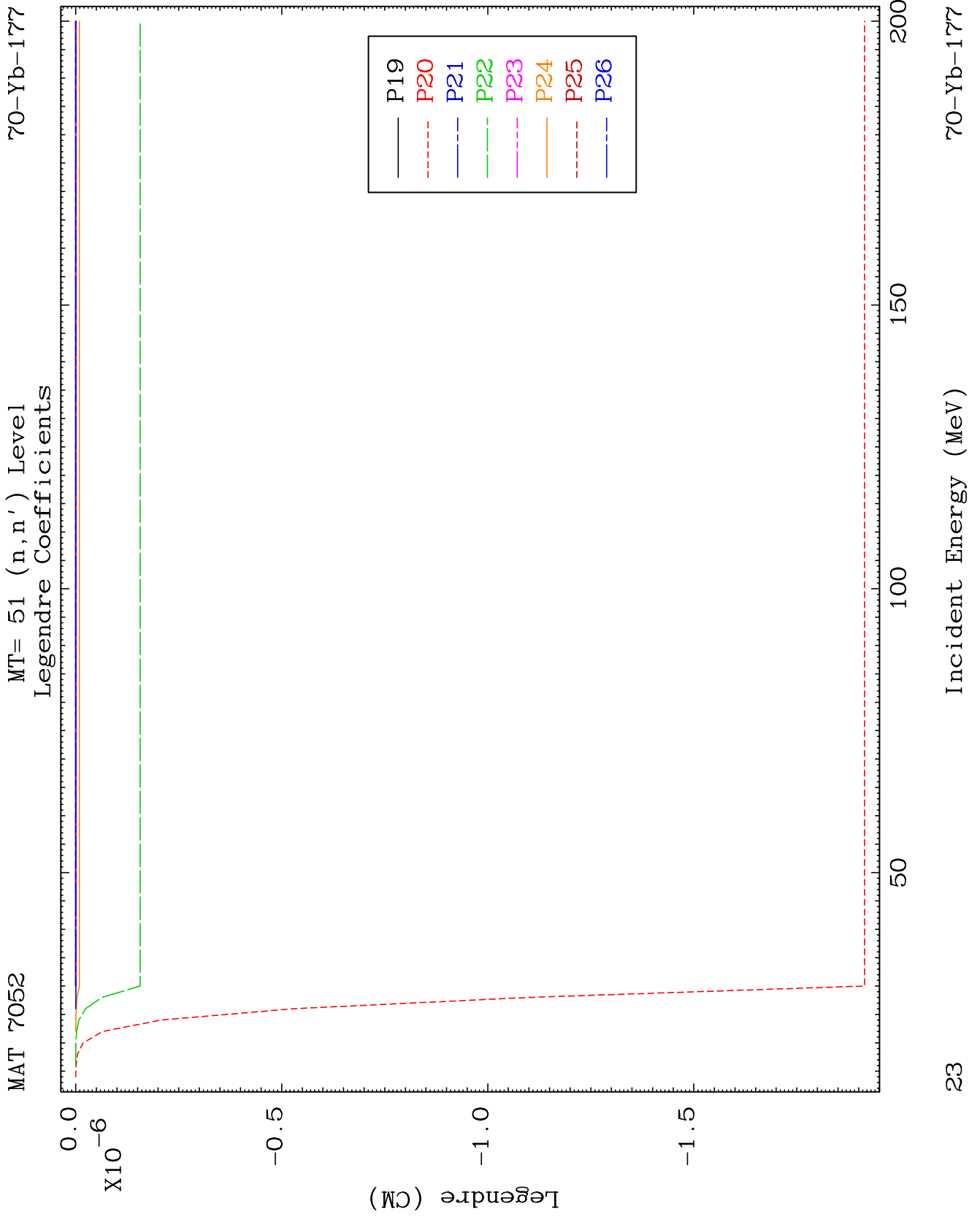
70-Yb-177



22

Incident Energy (MeV)

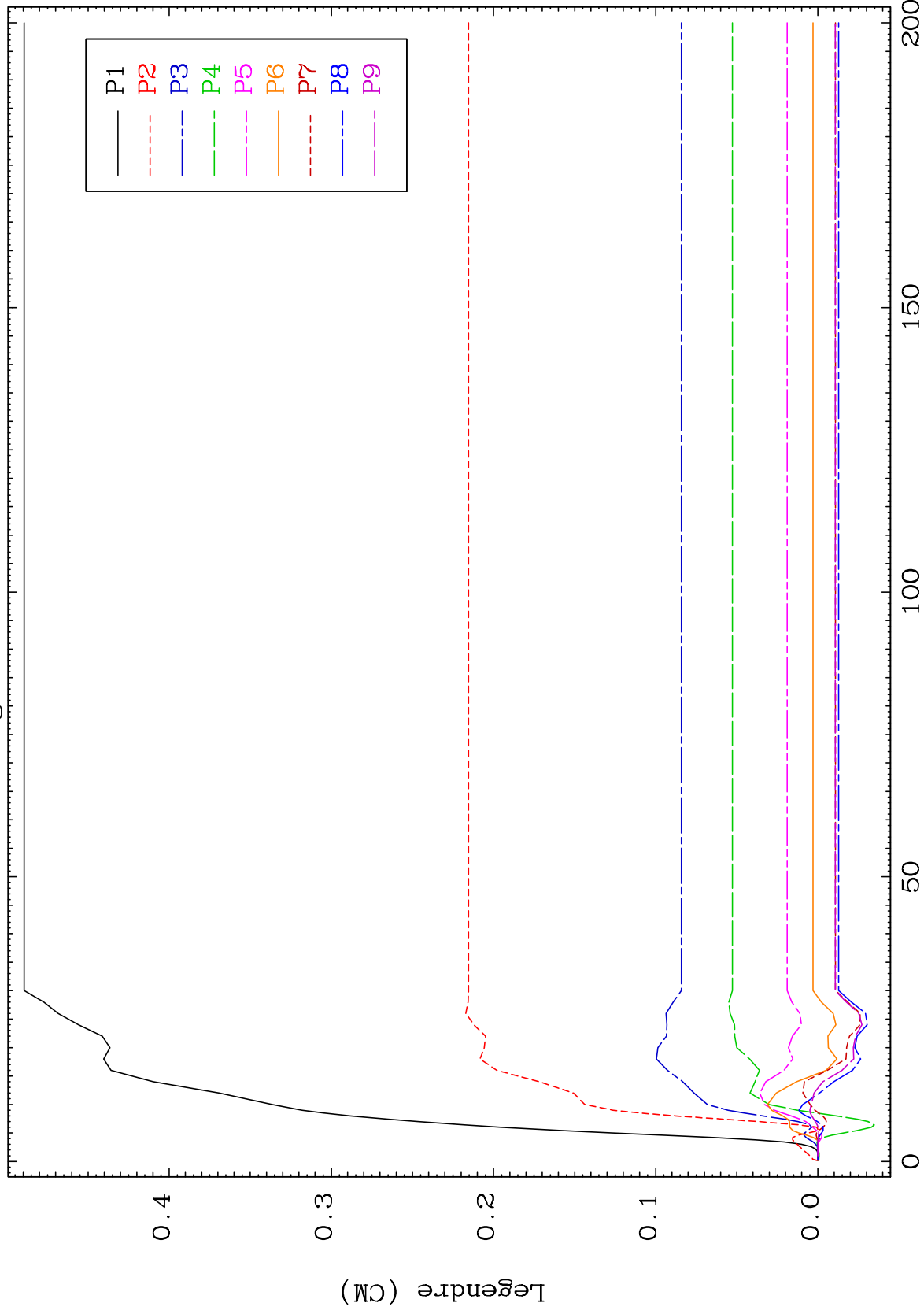
70-Yb-177



MAT 7052

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

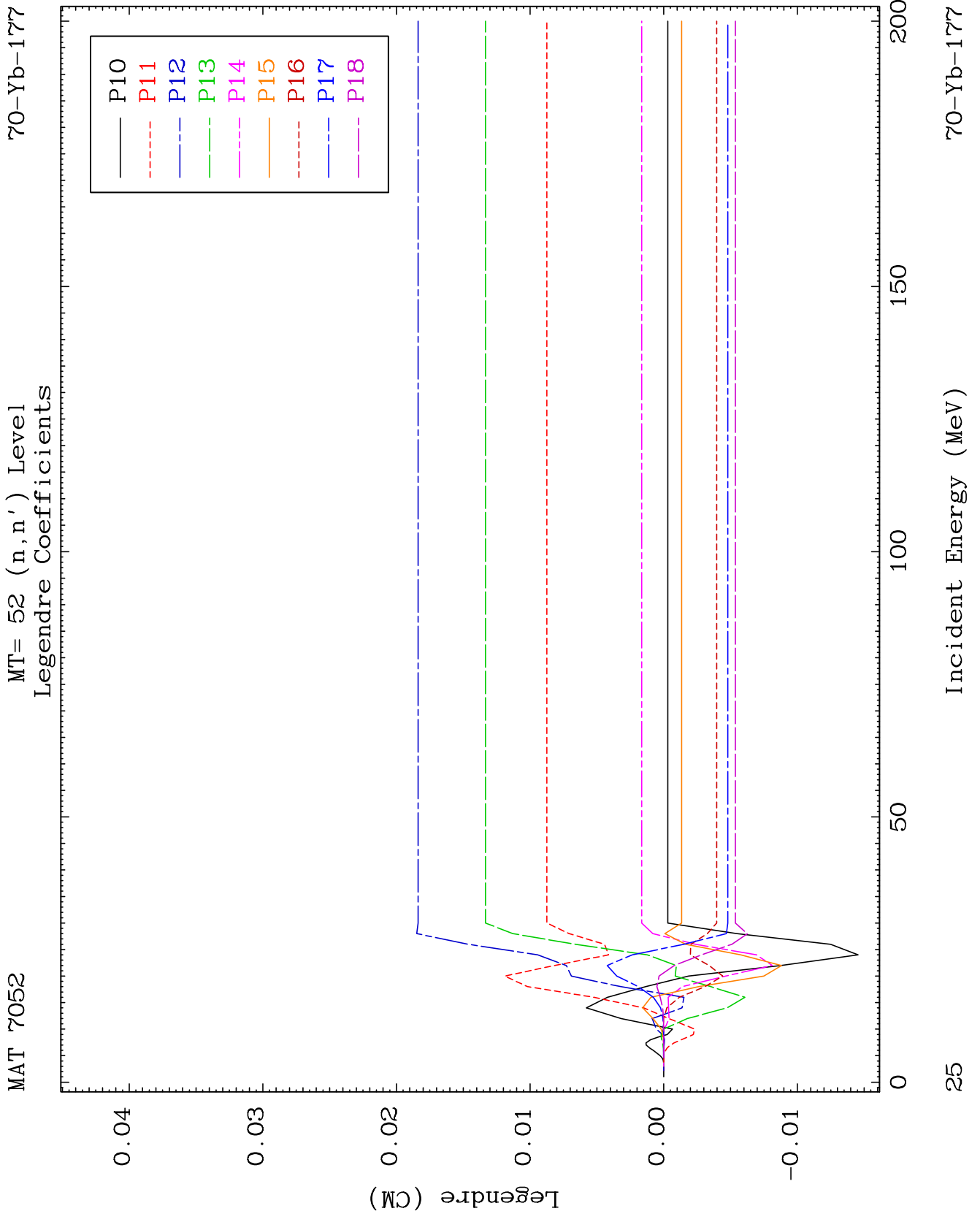
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24

Incident Energy (MeV)

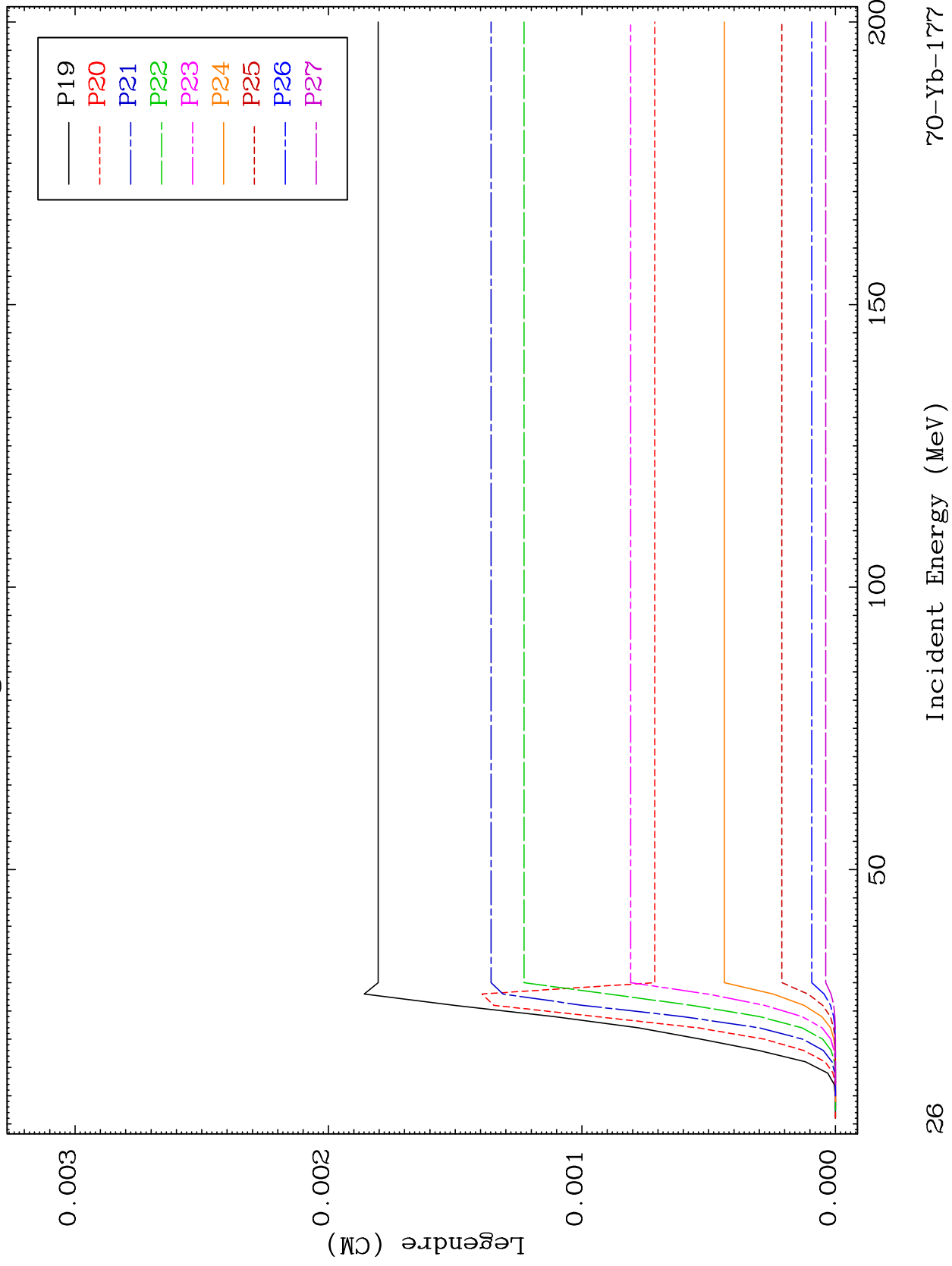
70-Yb-177



MAT 7052

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

70-Yb-177



26

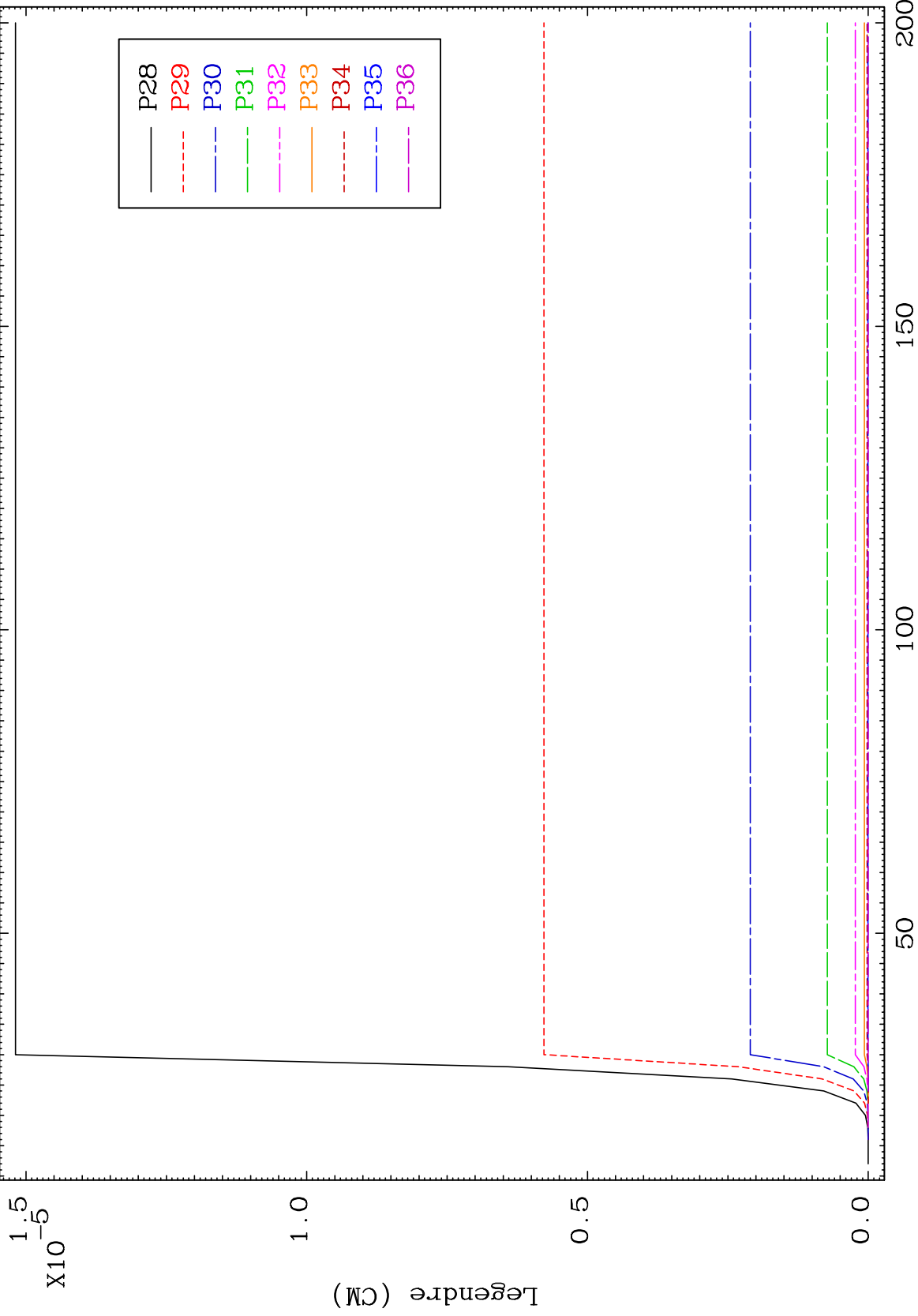
Incident Energy (MeV)

70-Yb-177

MAT 7052

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

70-Yb-177



27

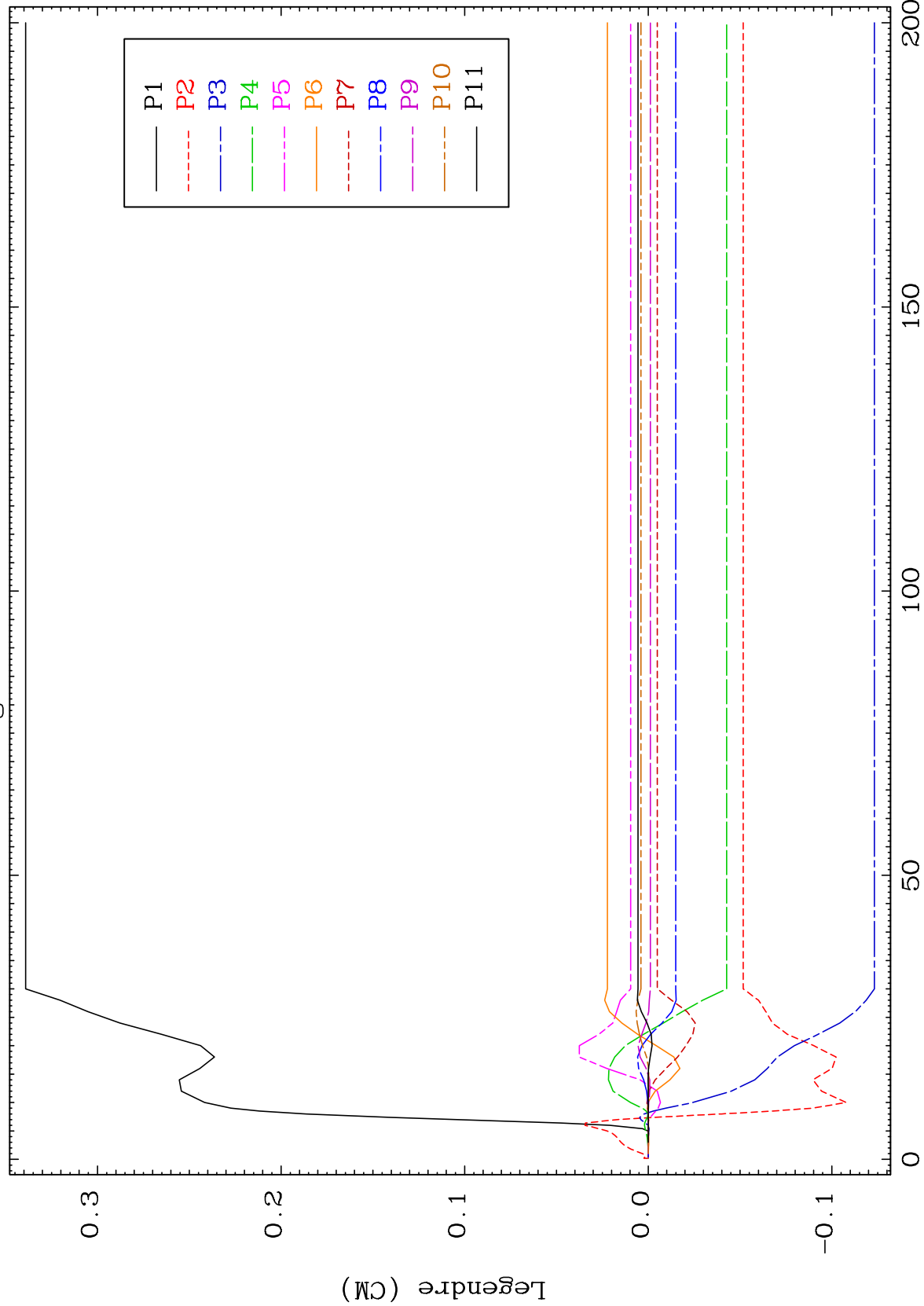
Incident Energy (MeV)

70-Yb-177

MAT 7052

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

70-Yb-177



28

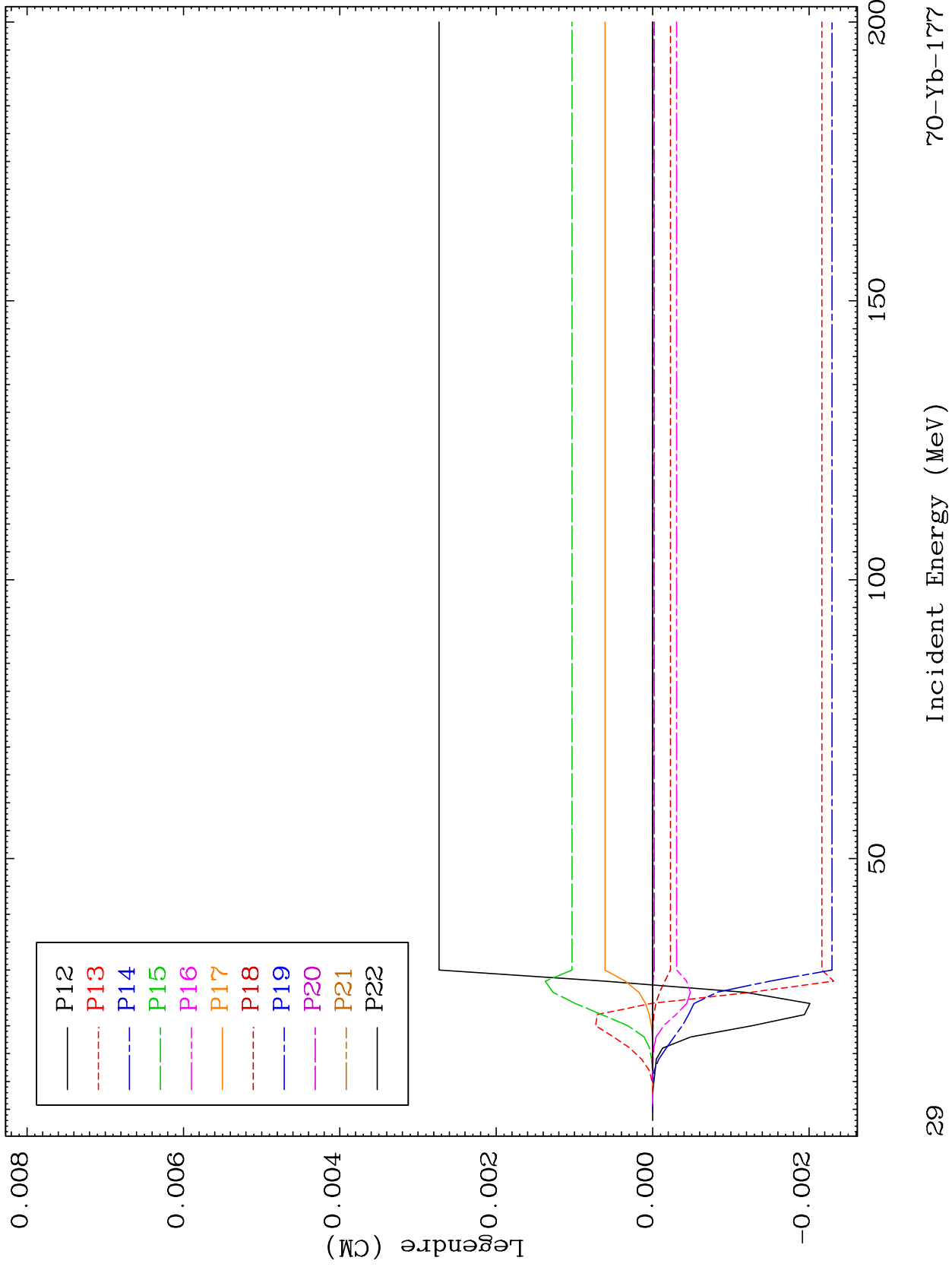
Incident Energy (MeV)

70-Yb-177

MAT 7052

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

70-Yb-177



29

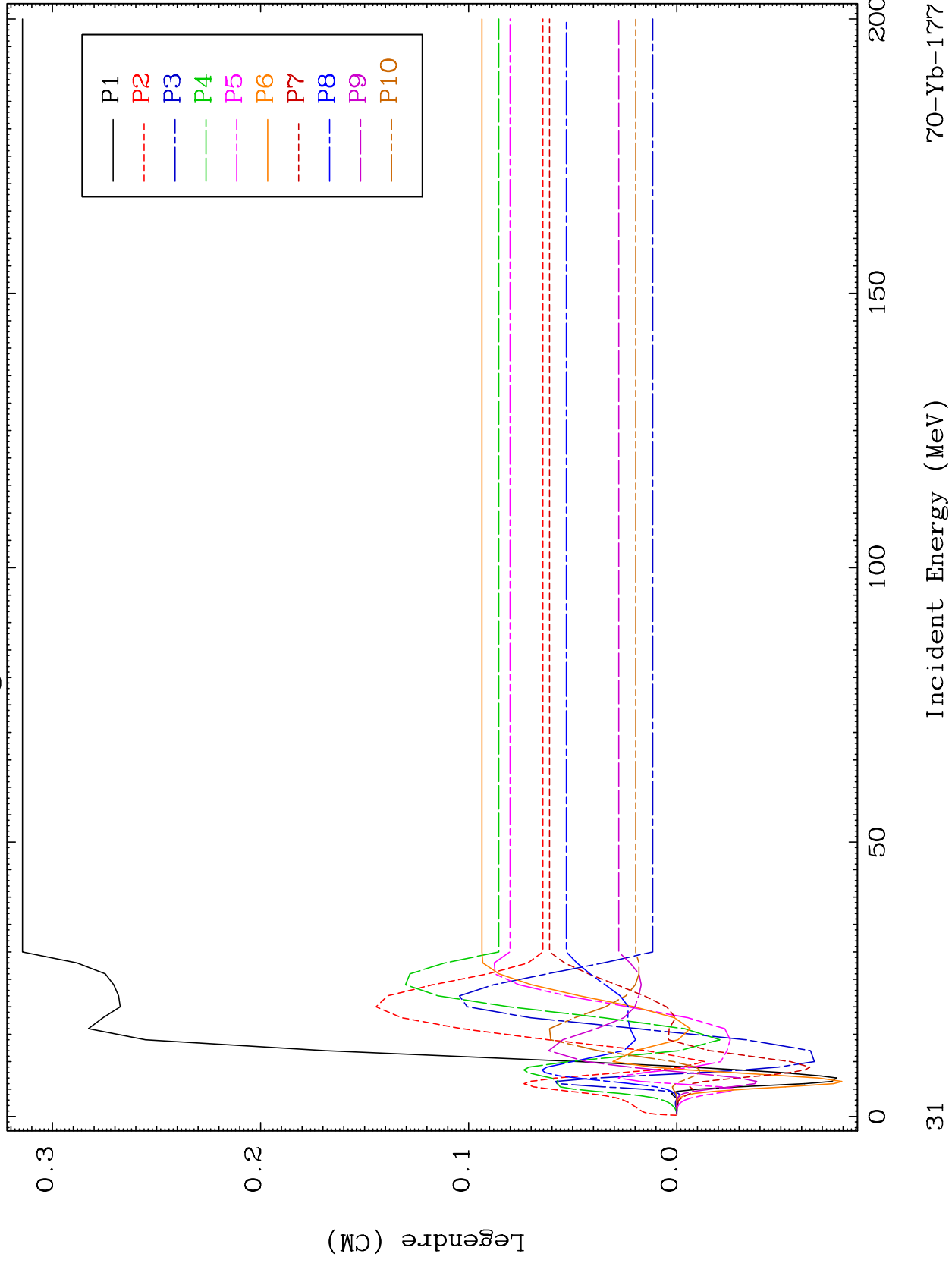
Incident Energy (MeV)

70-Yb-177

MAT 7052

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

70-Yb-177



31

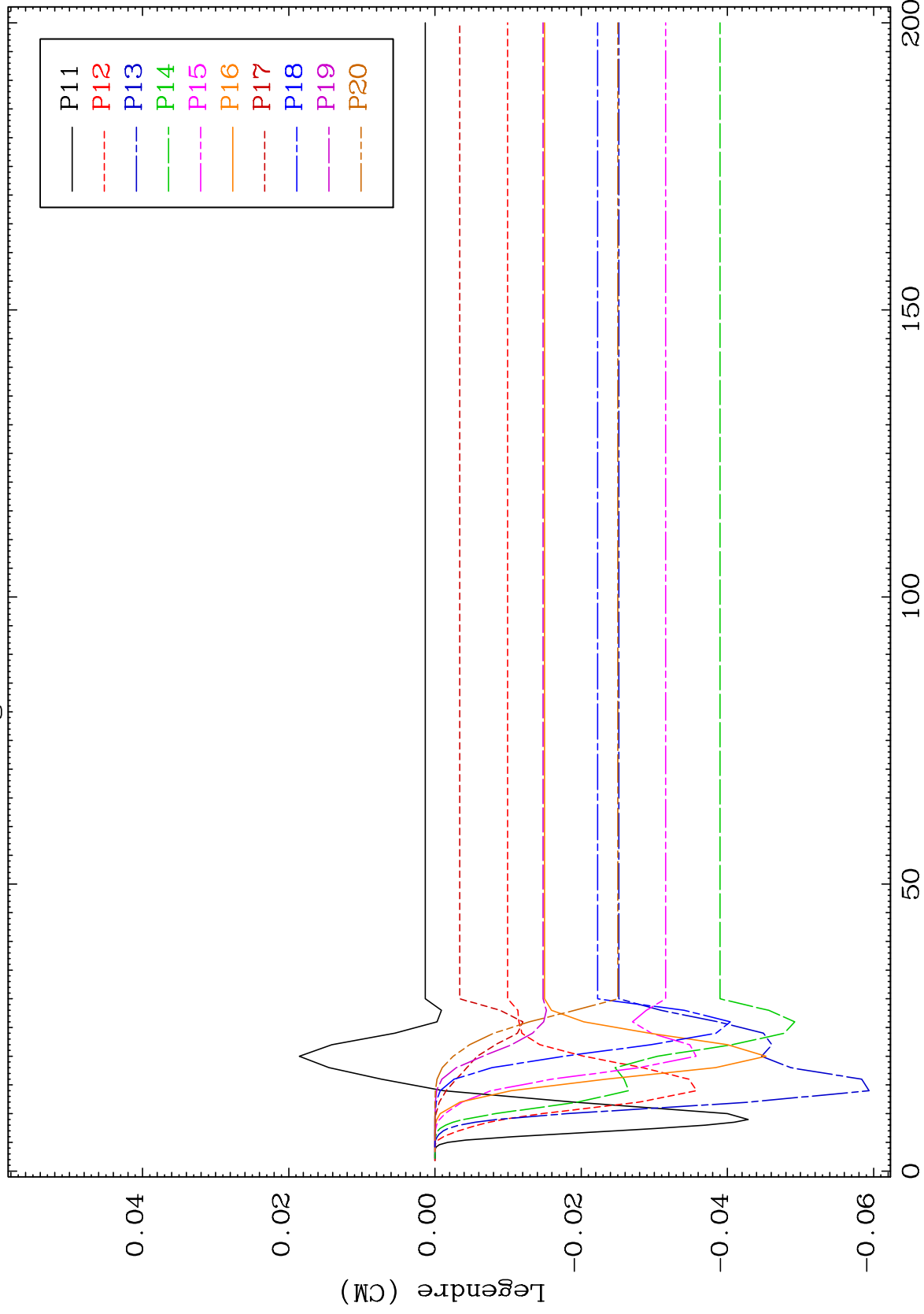
Incident Energy (MeV)

70-Yb-177

MAT 7052

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

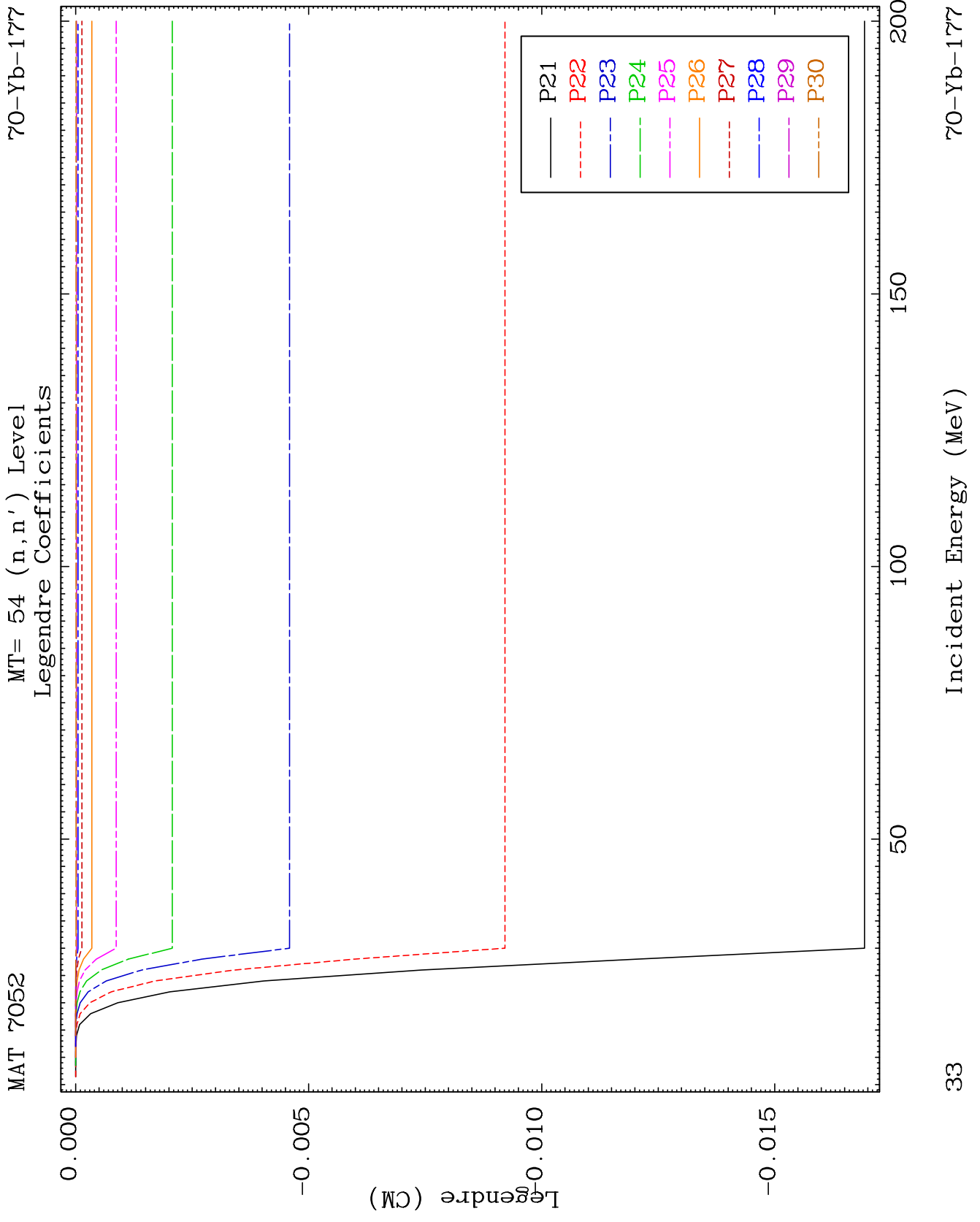
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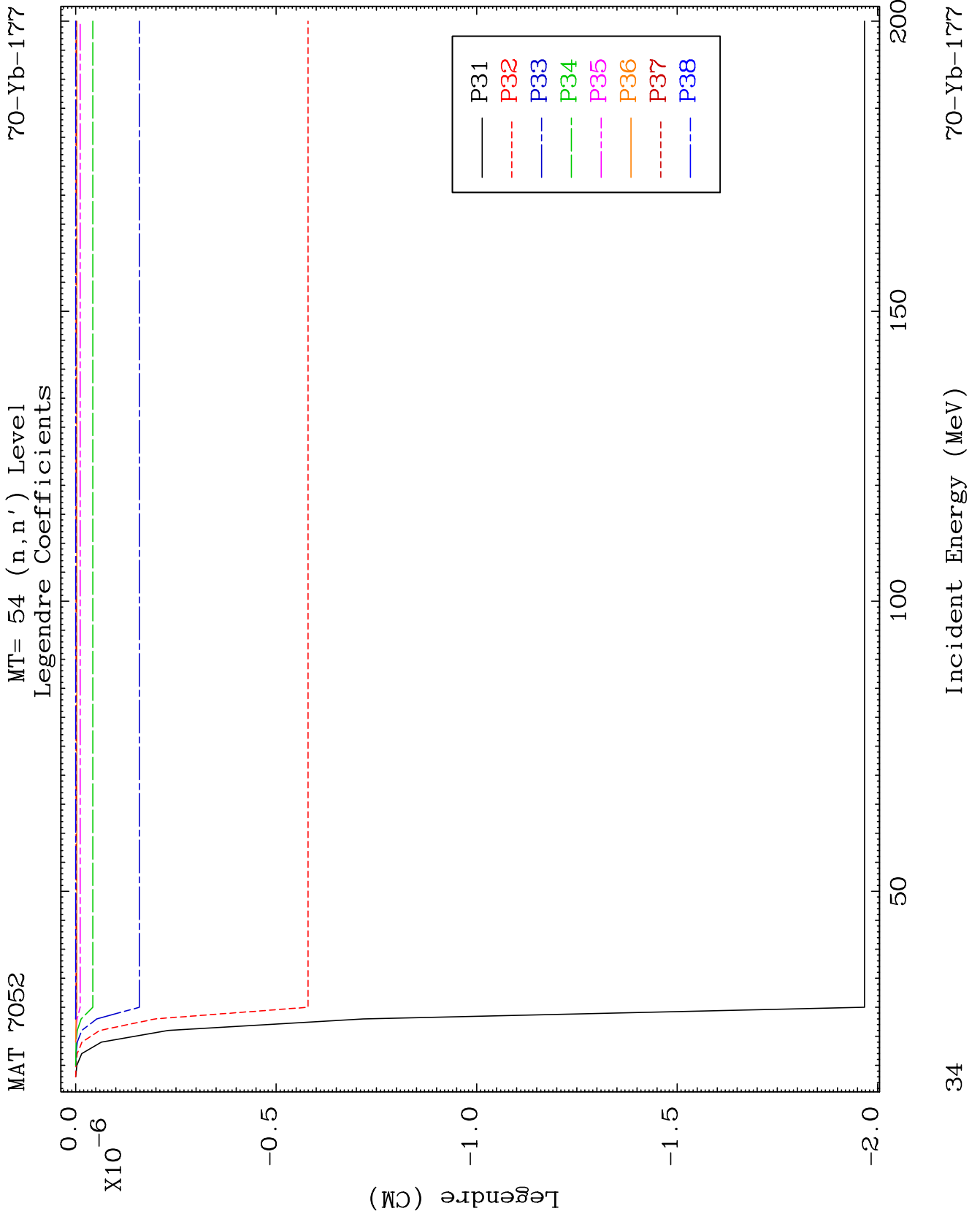


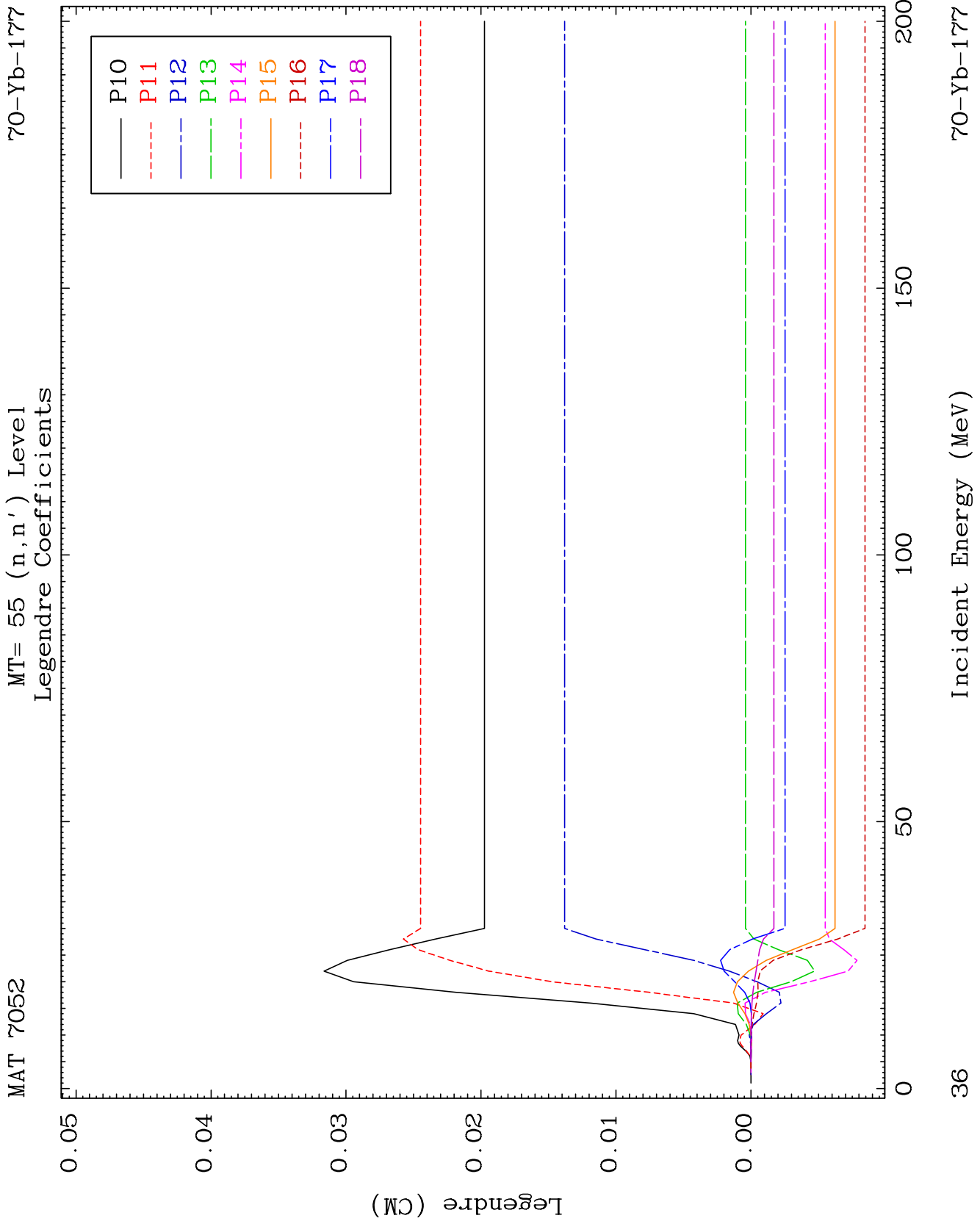
32

Incident Energy (MeV)

70-Yb-177



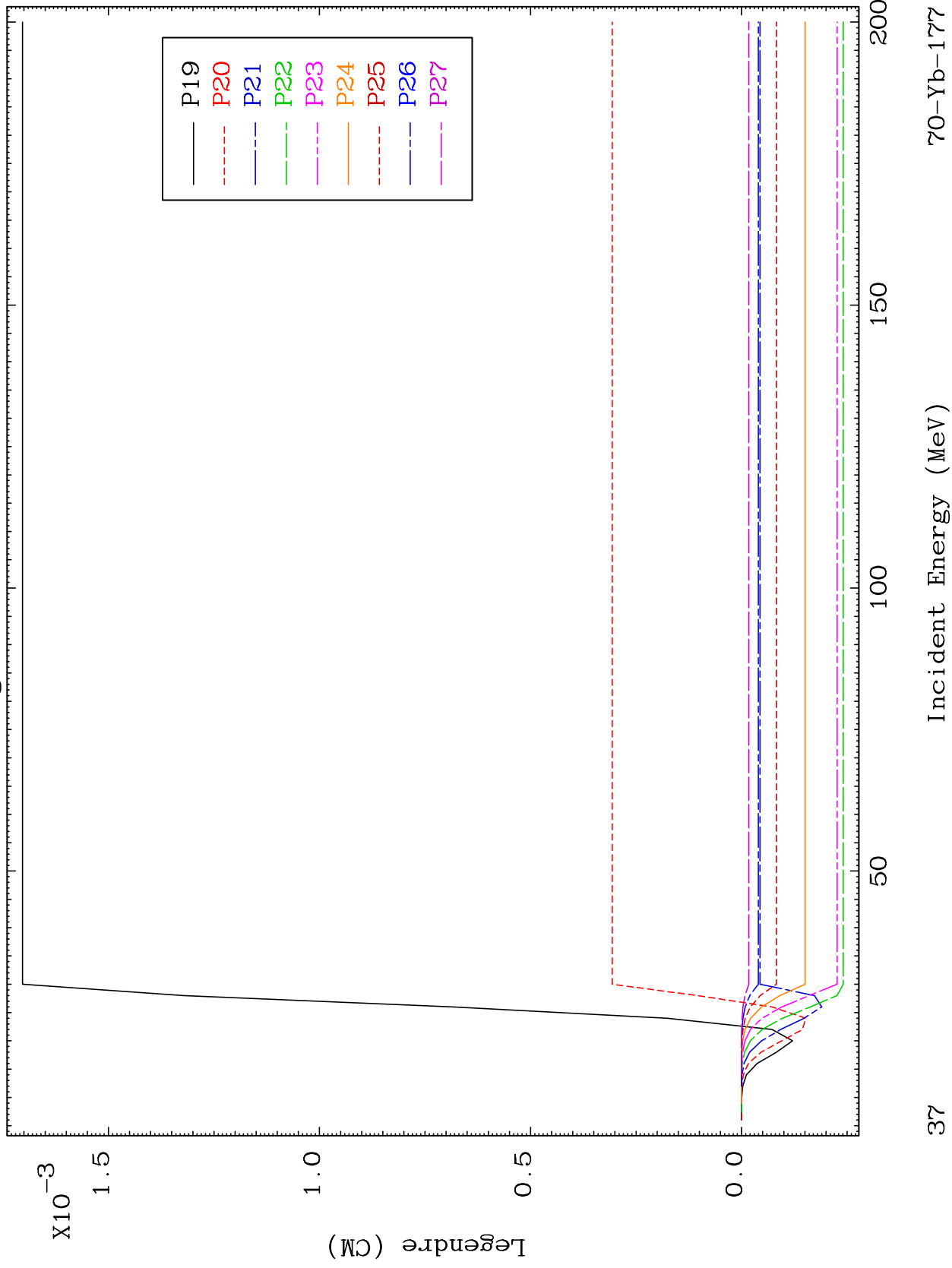




MAT 7052

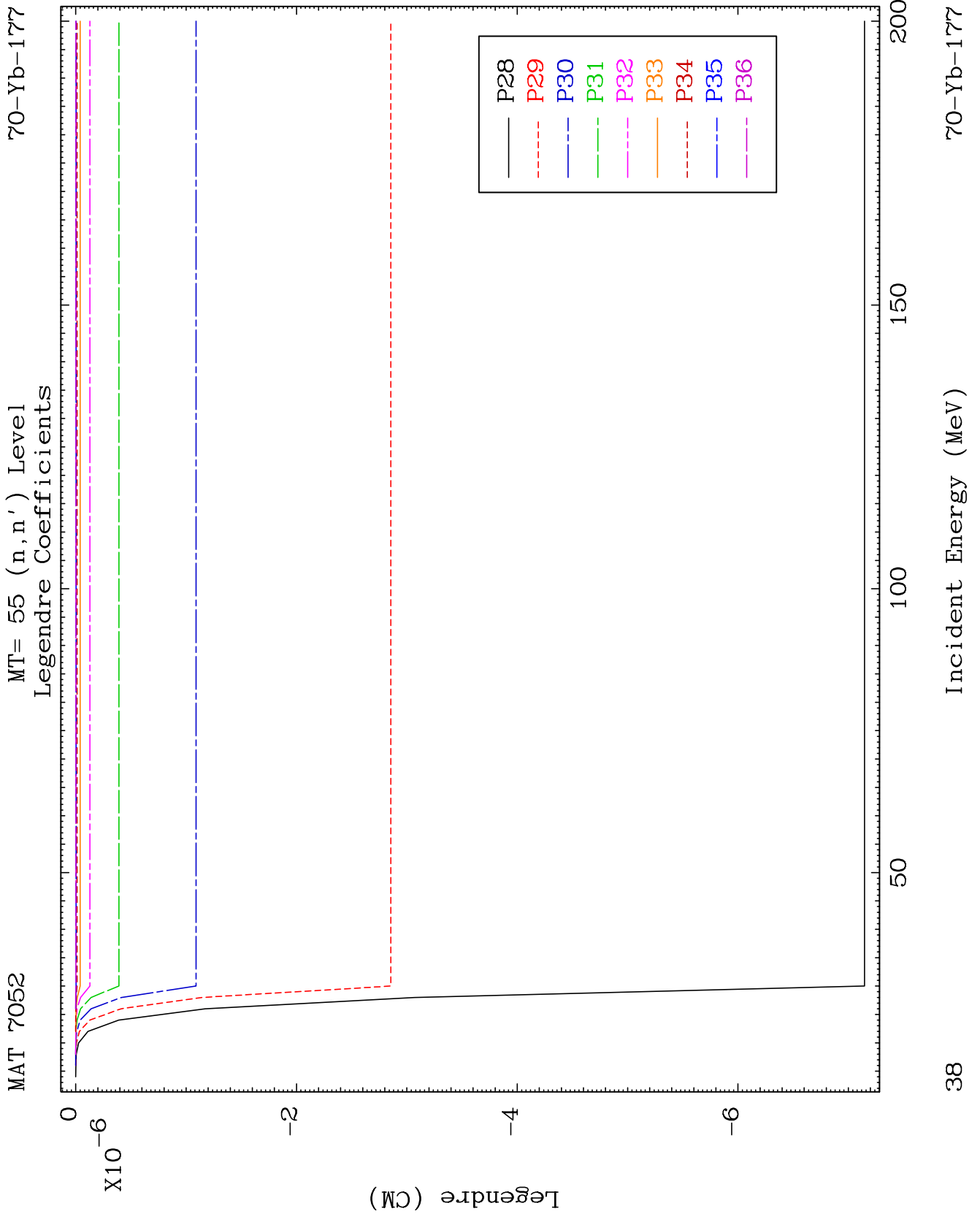
MT= 55 (n,n') Level
Legendre Coefficients

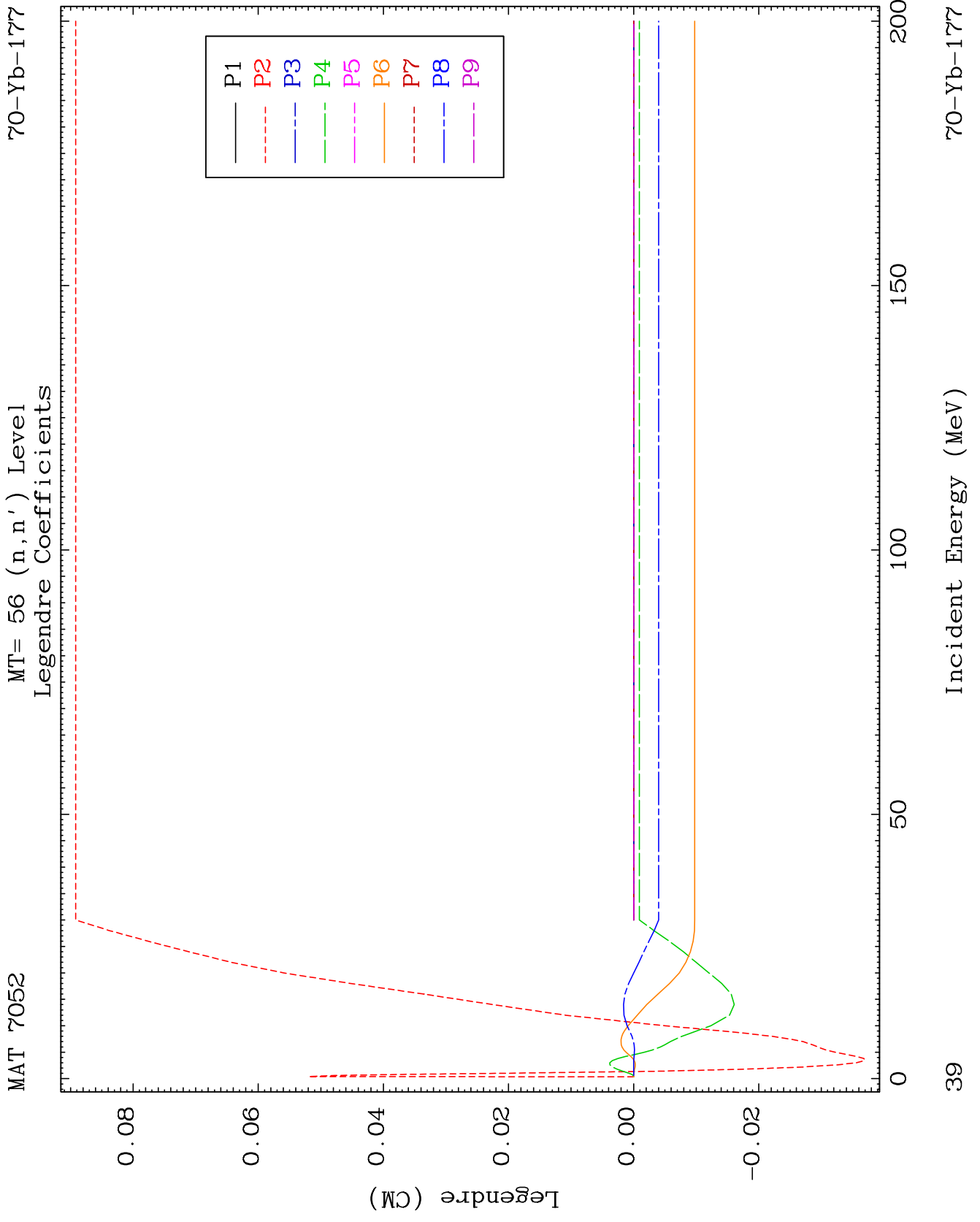
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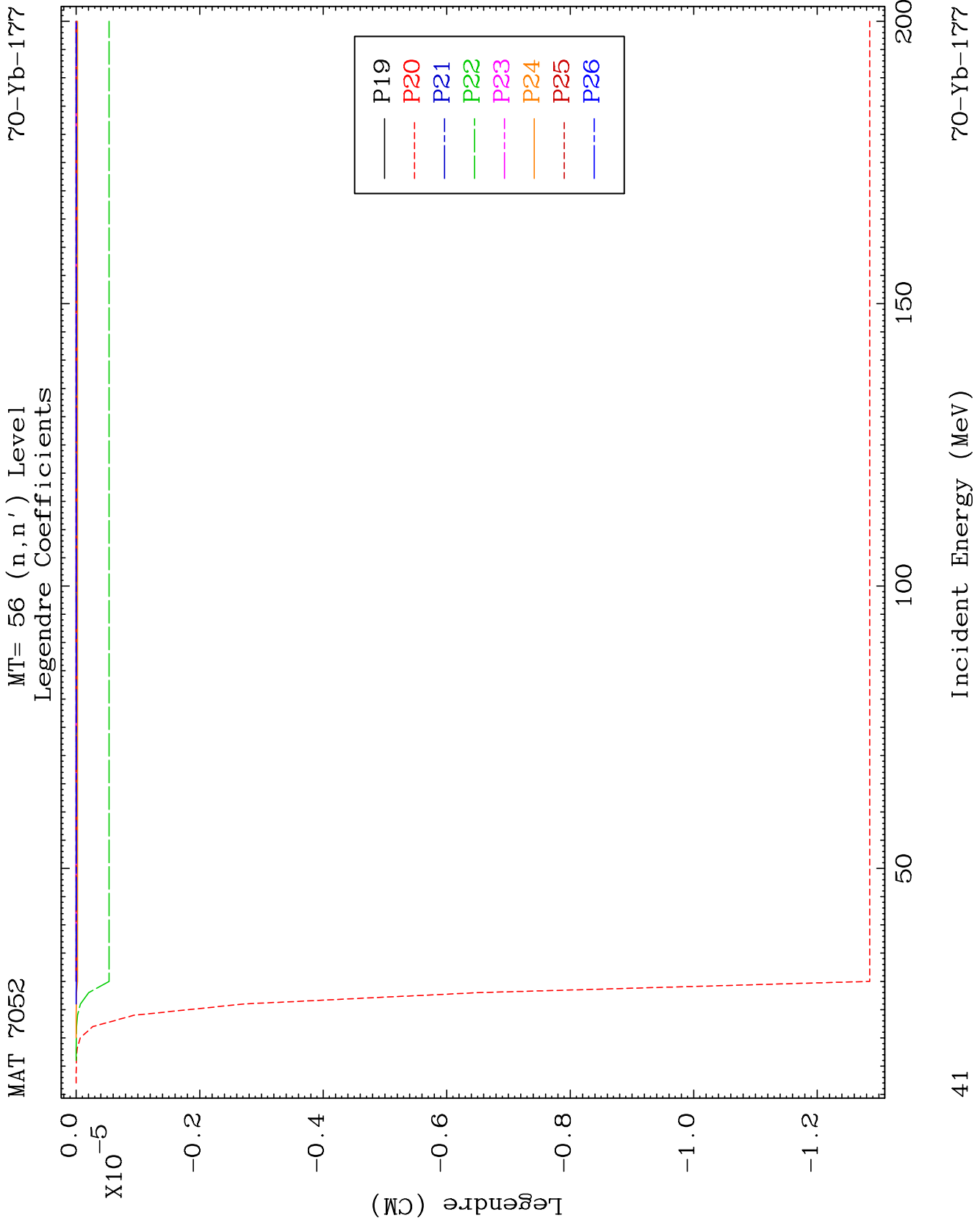


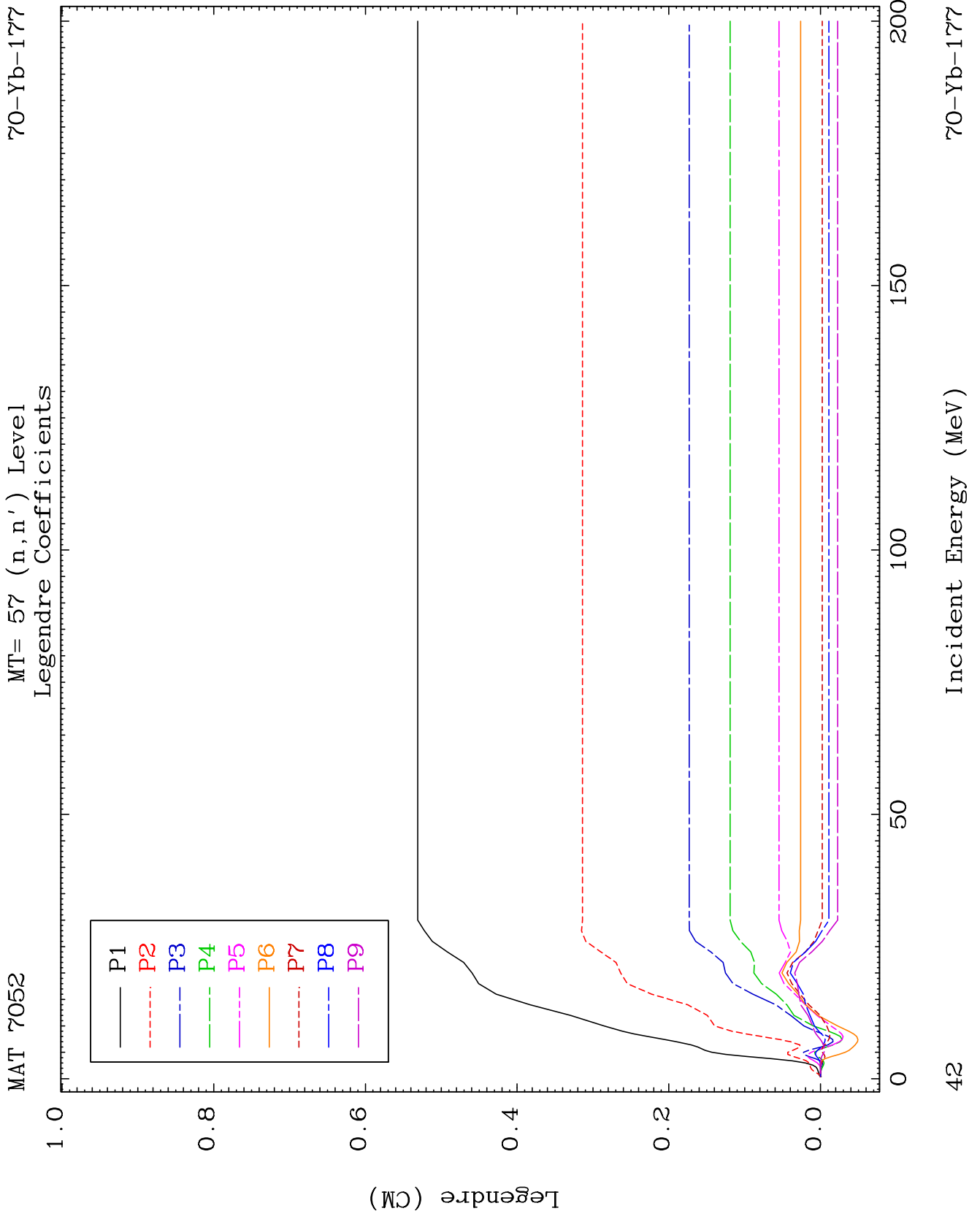
37

70-Yb-177





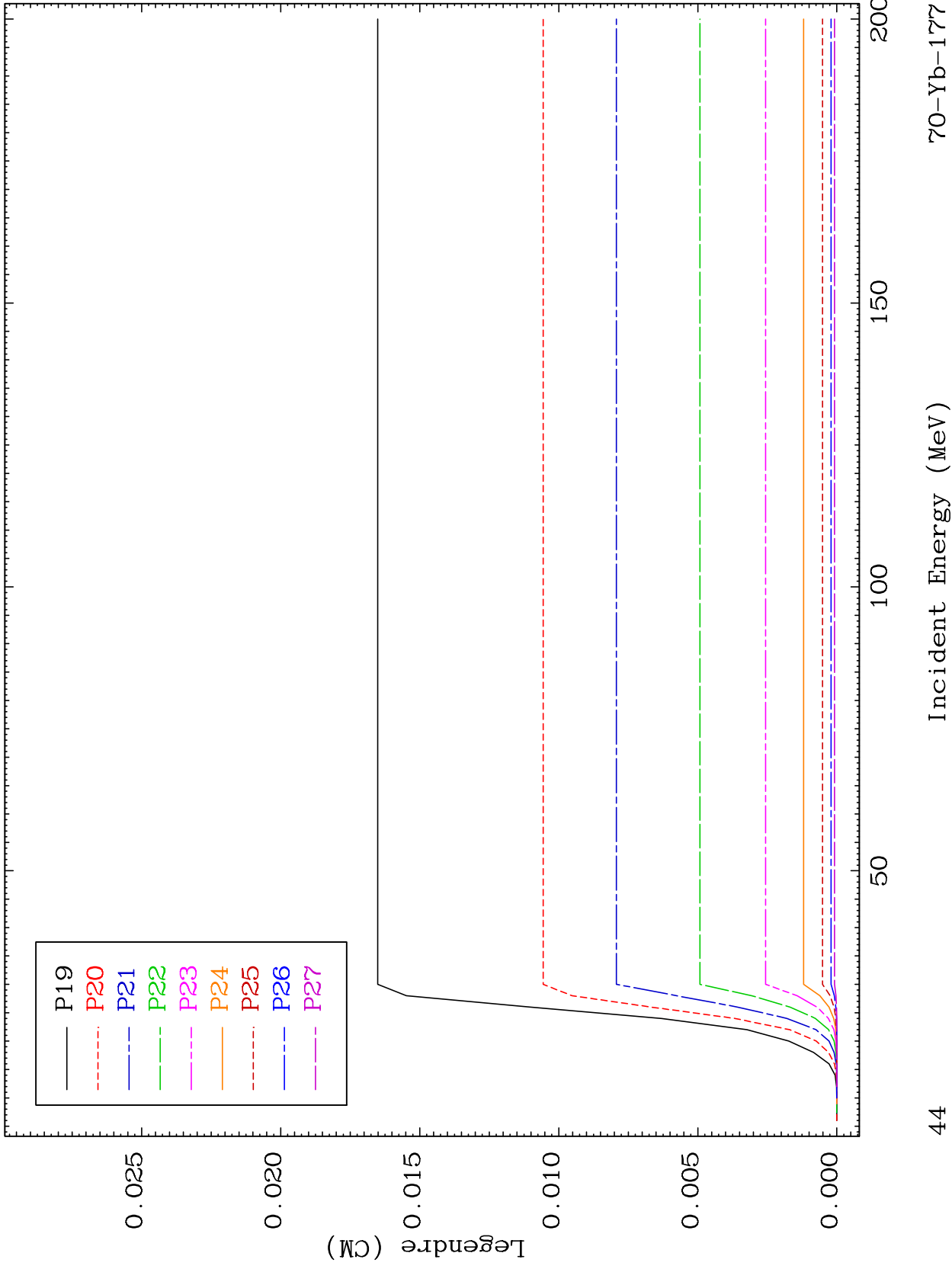


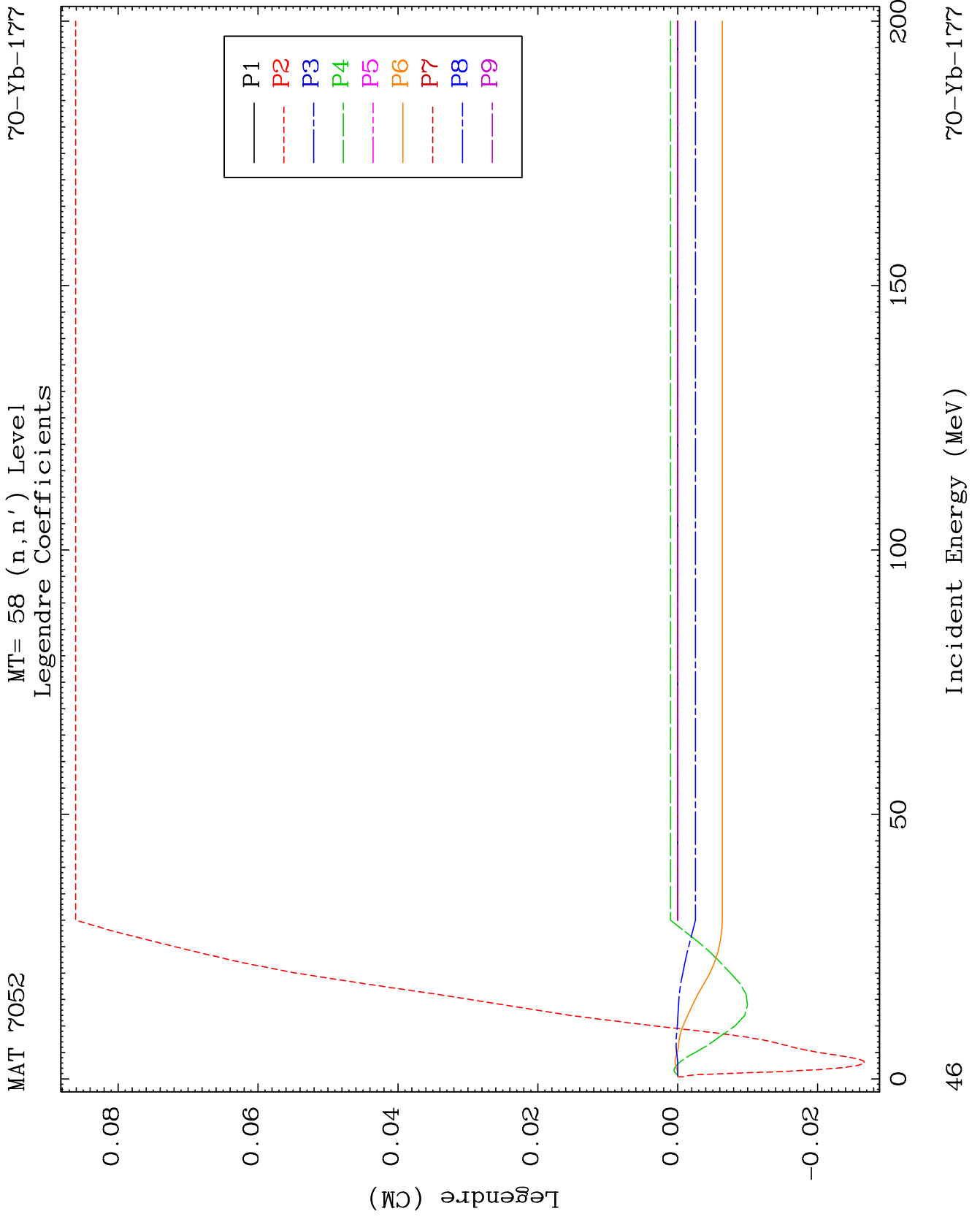


MAT 7052

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

70-Yb-177

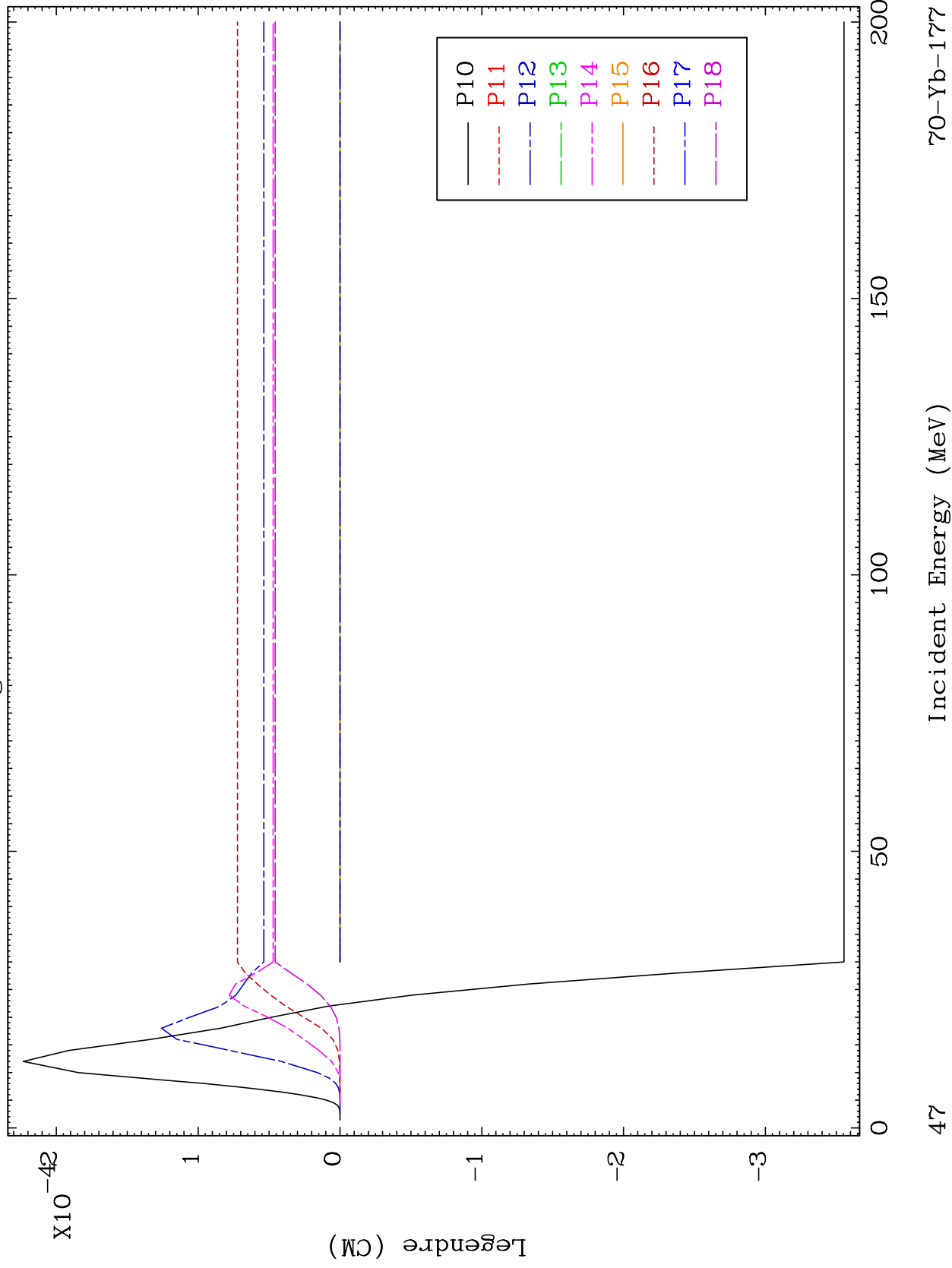




MAT 7052

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

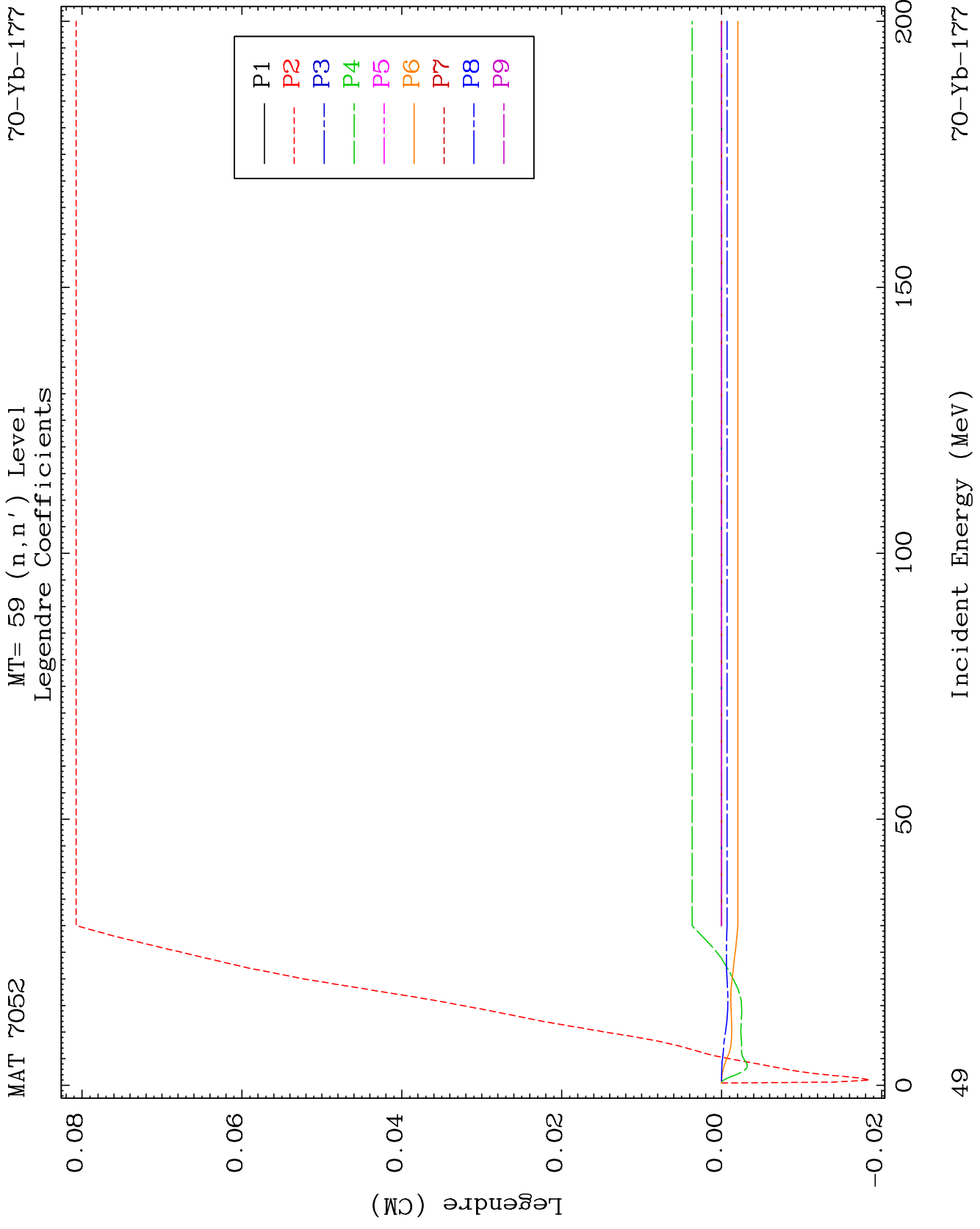
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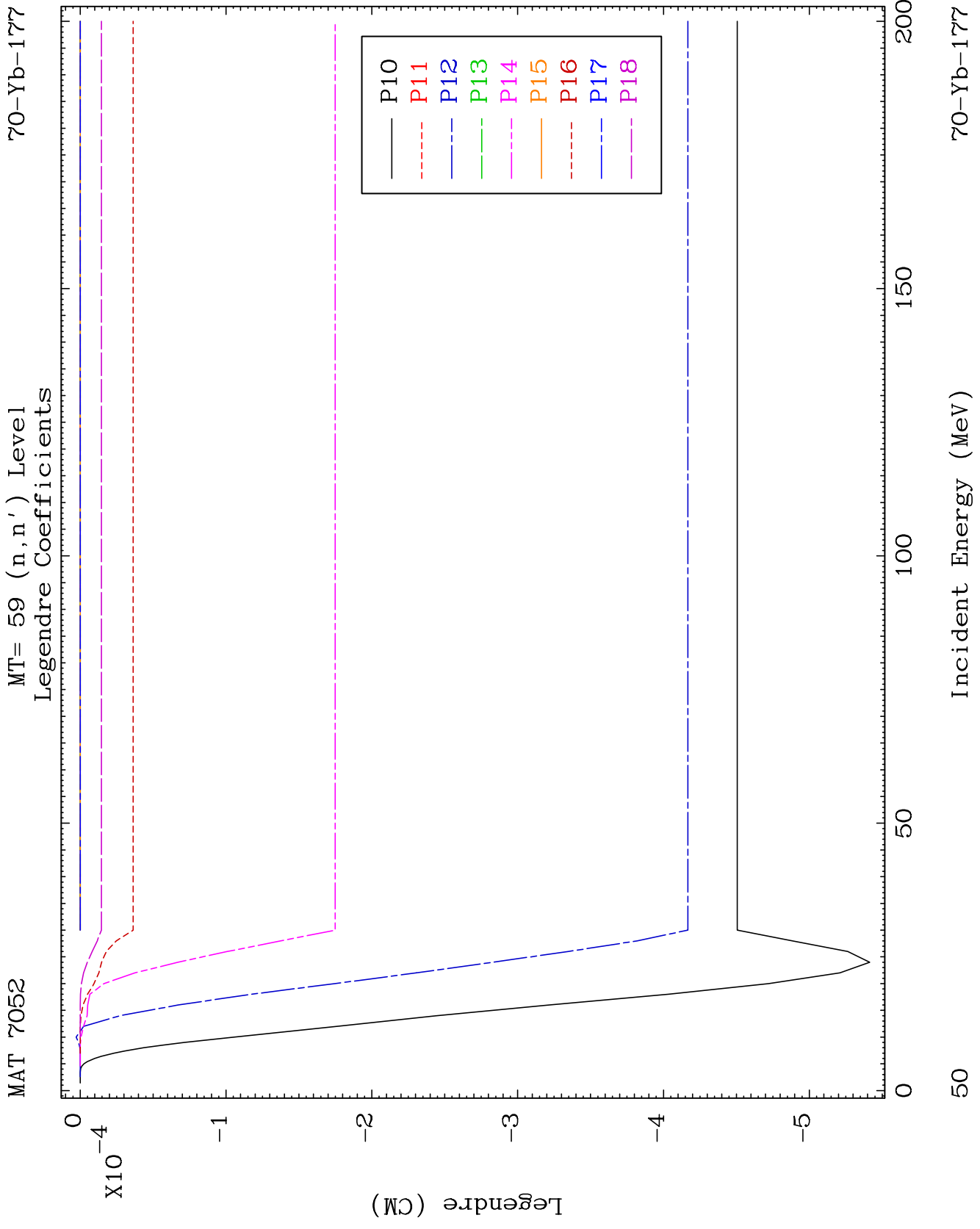


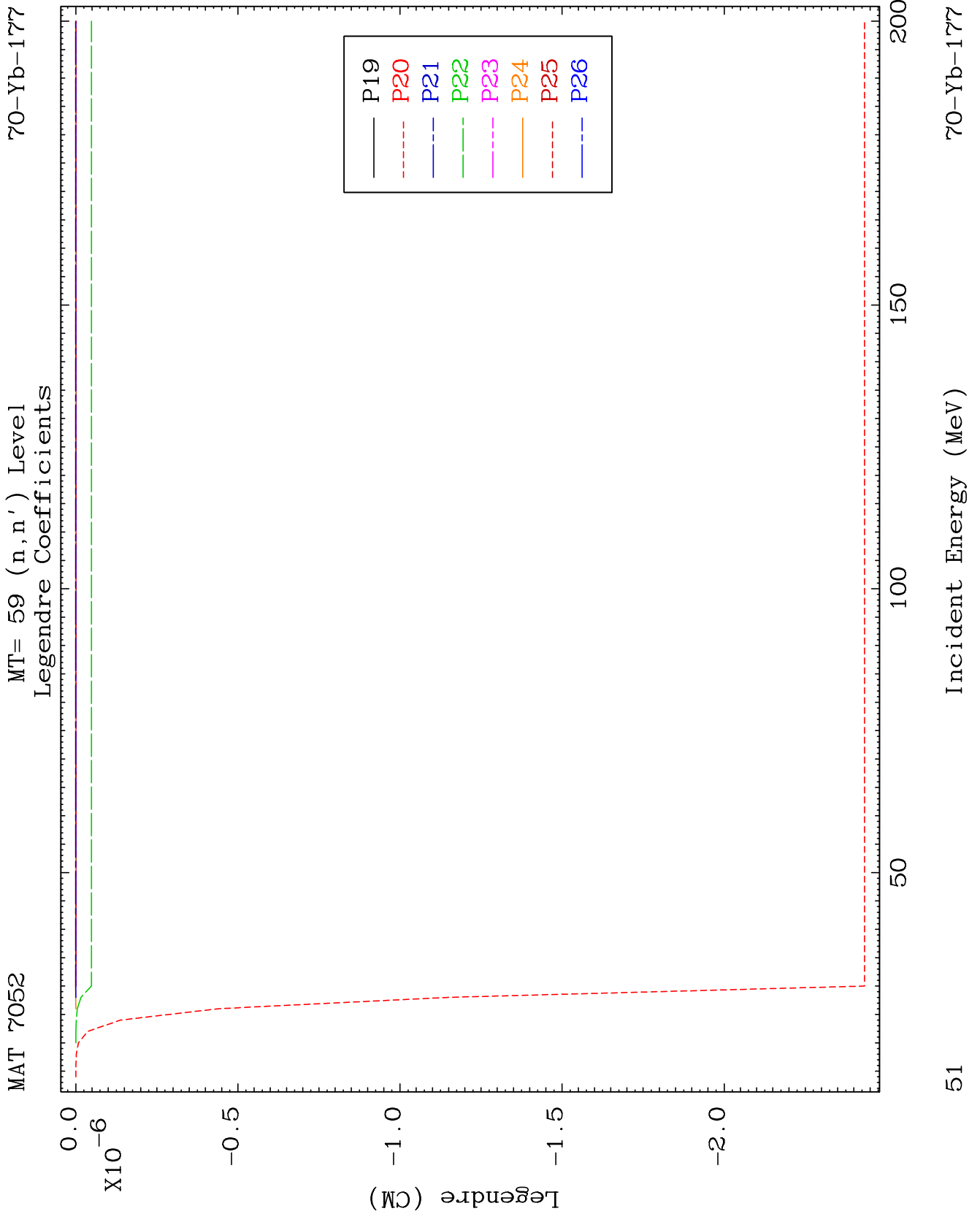
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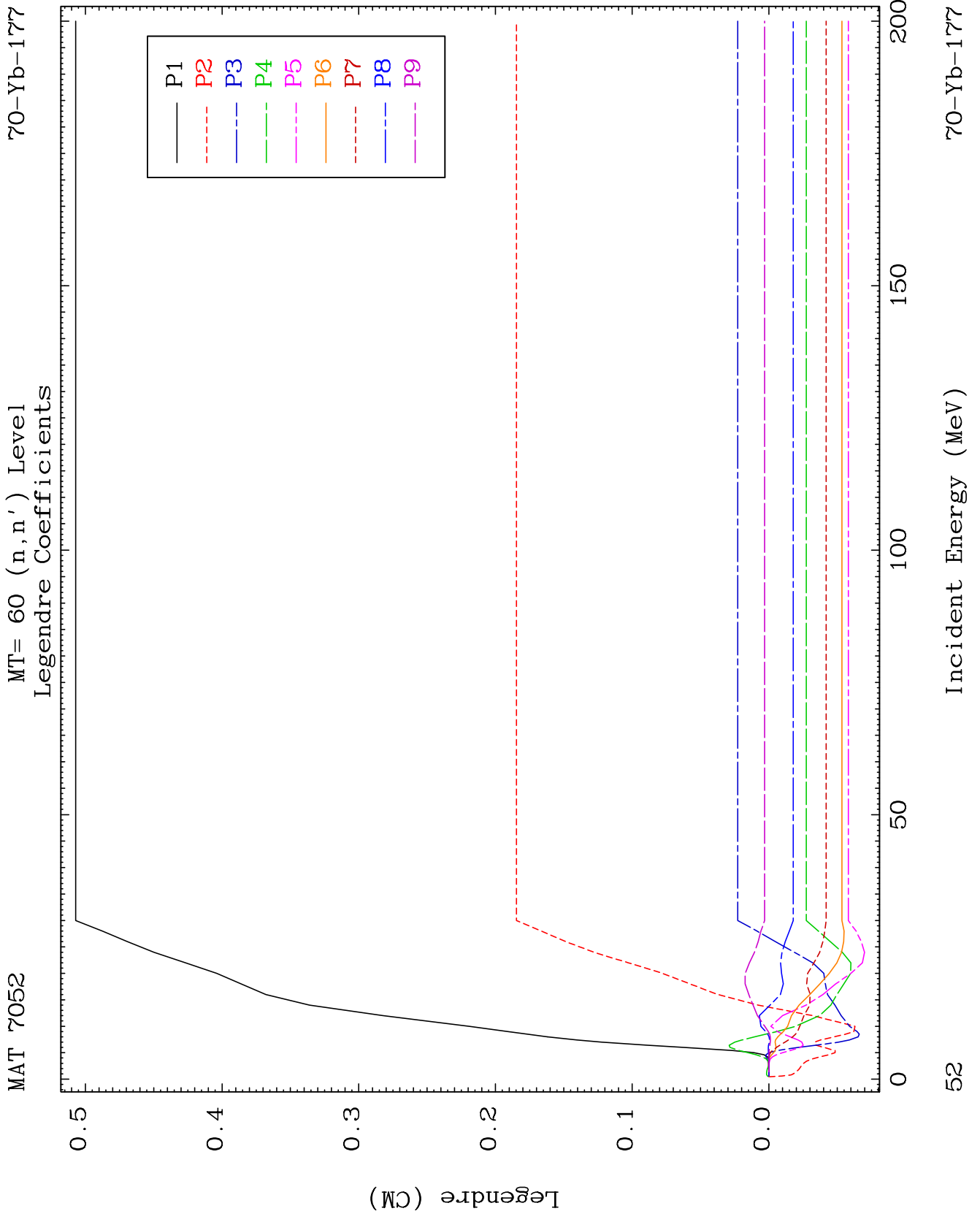
Incident Energy (MeV)

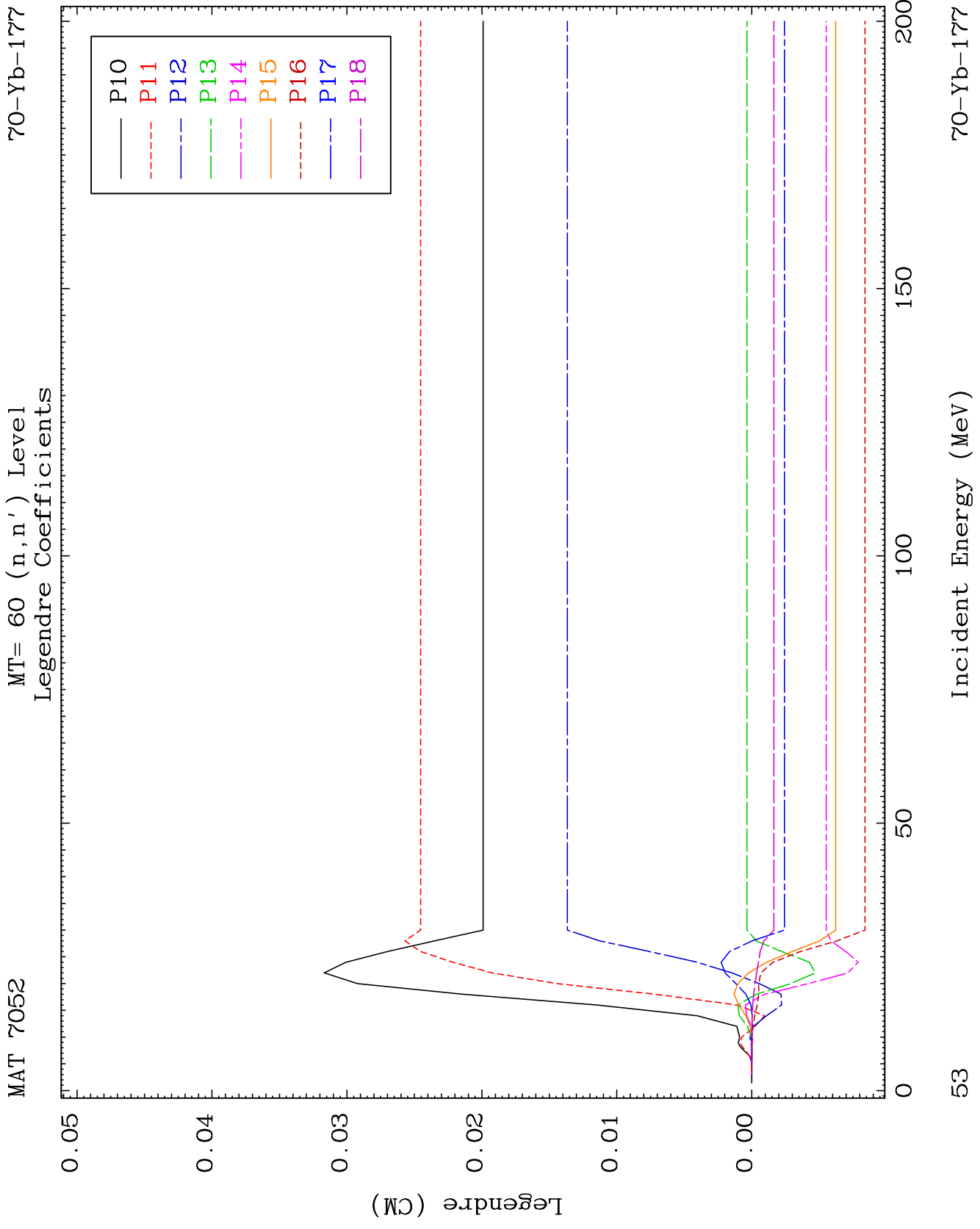
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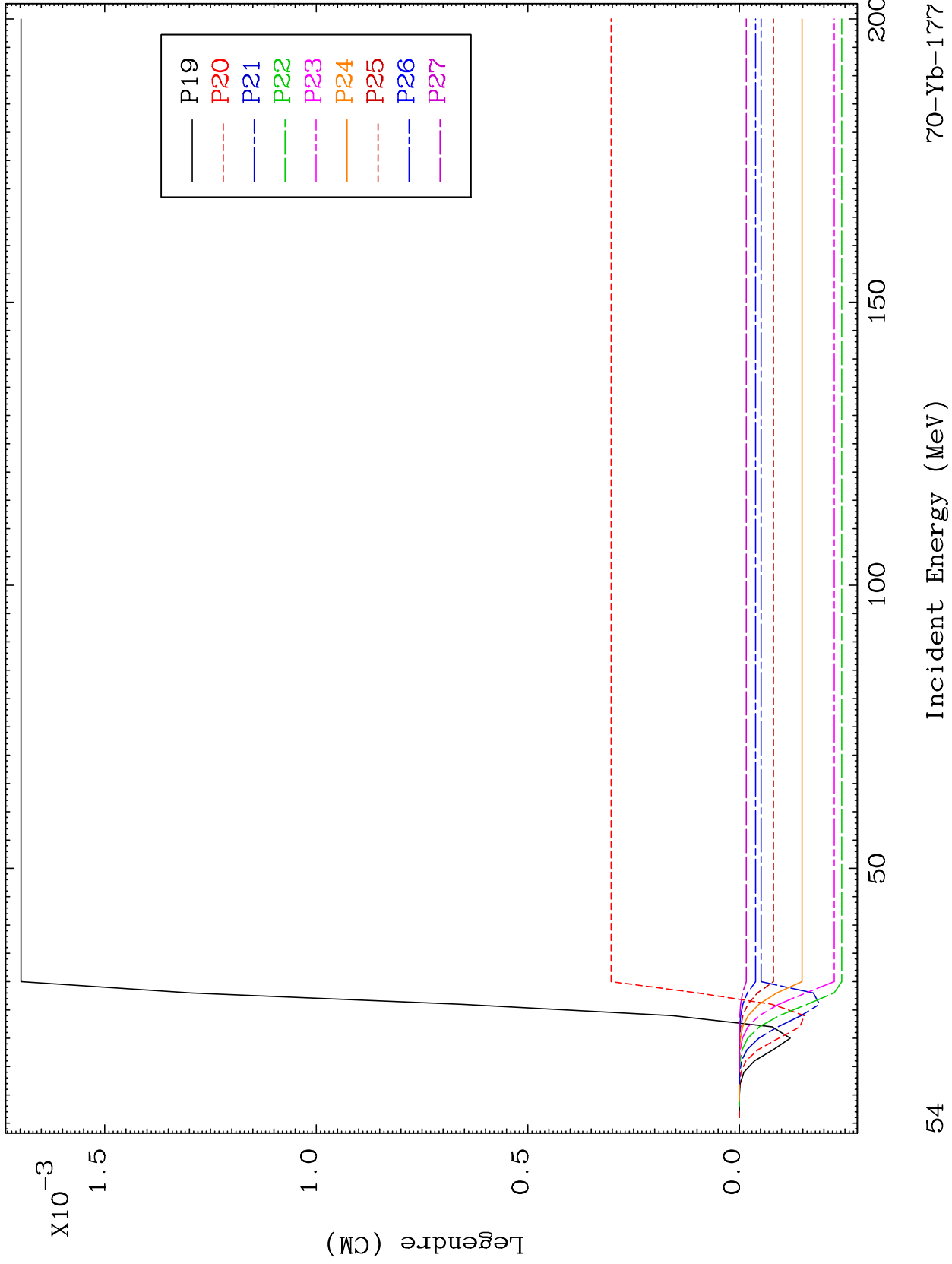




MAT 7052

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

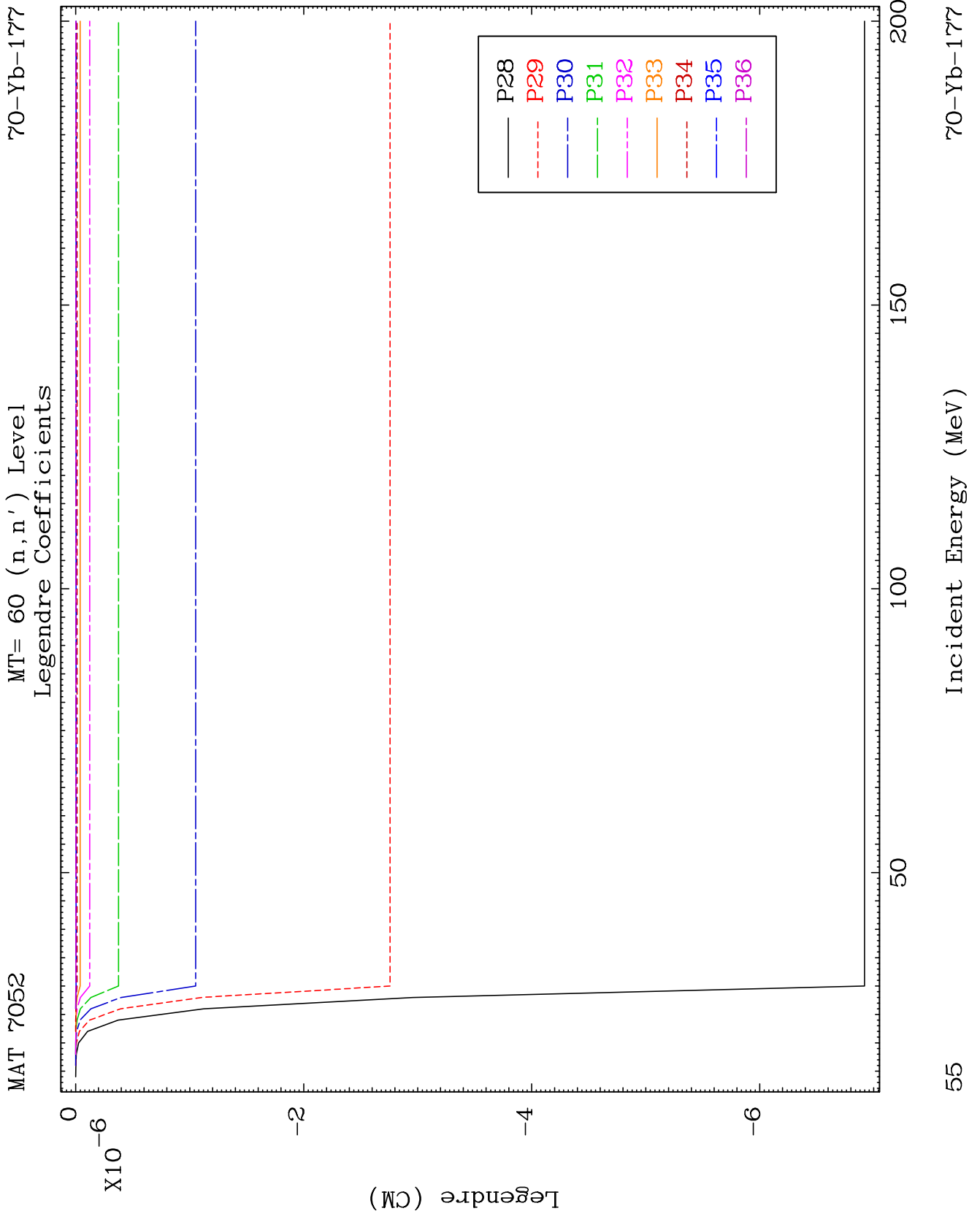
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54

Incident Energy (MeV)

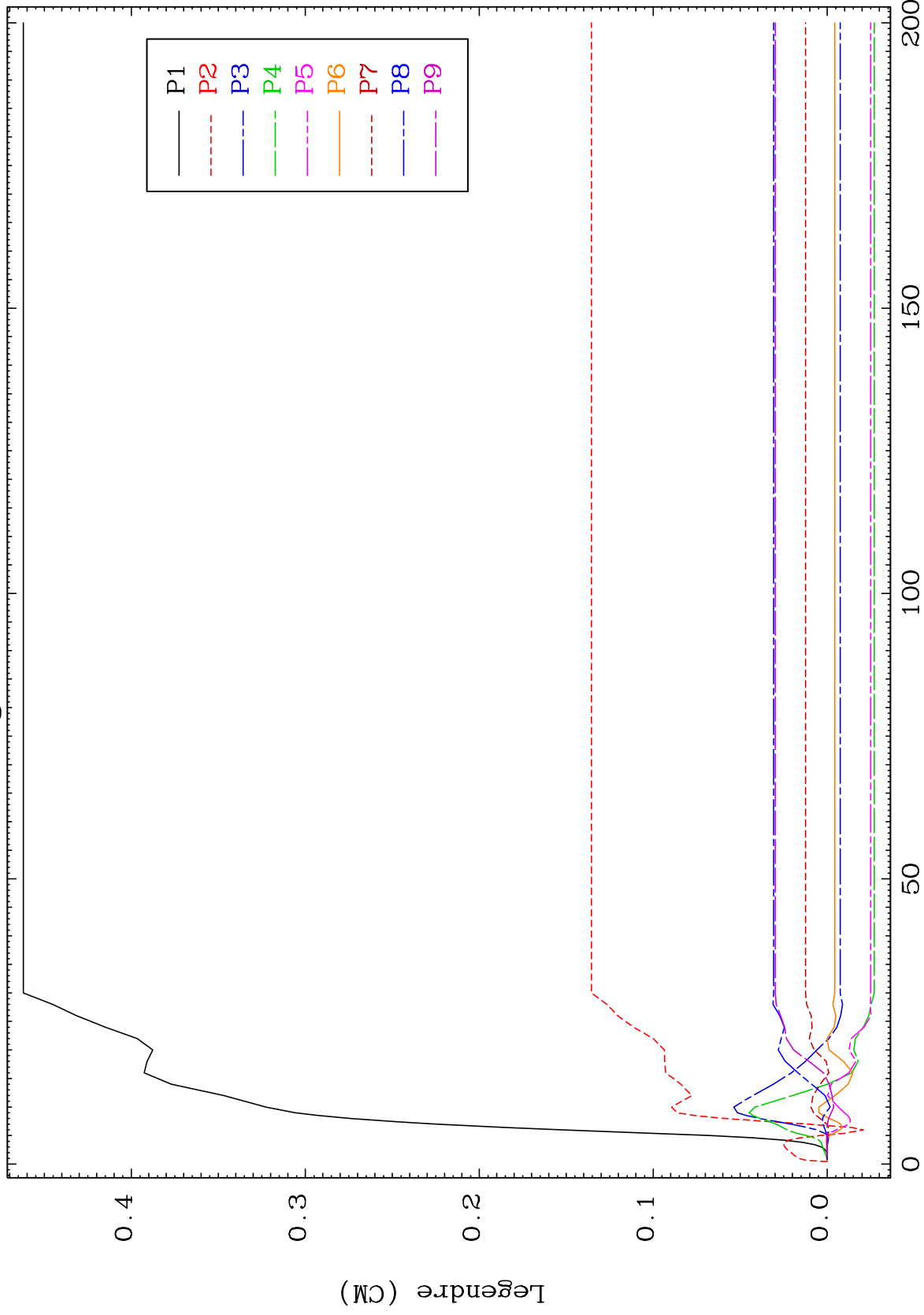
70-Yb-177



MAT 7052

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

70-Yb-177



56

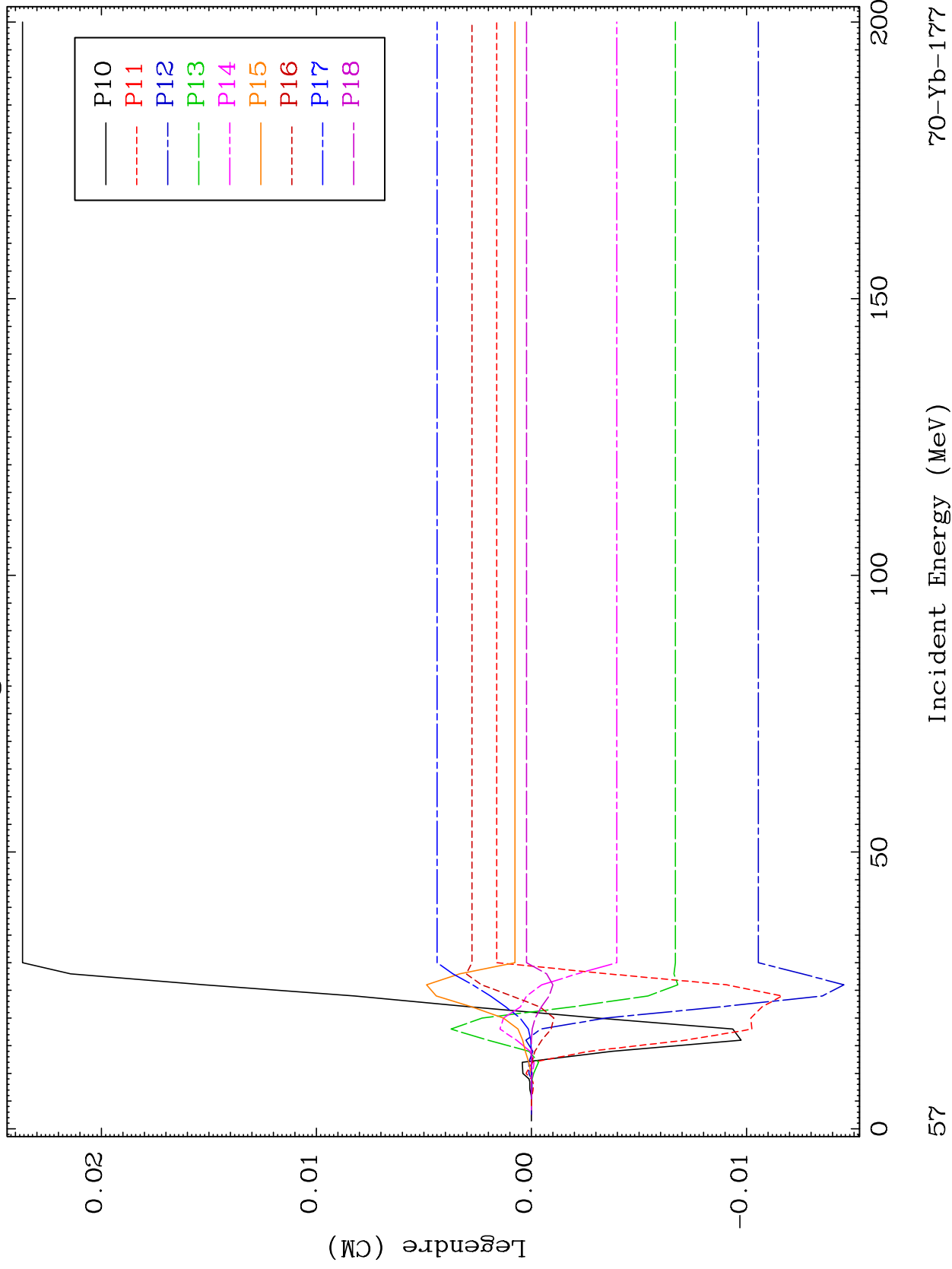
Incident Energy (MeV)

70-Yb-177

MAT 7052

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

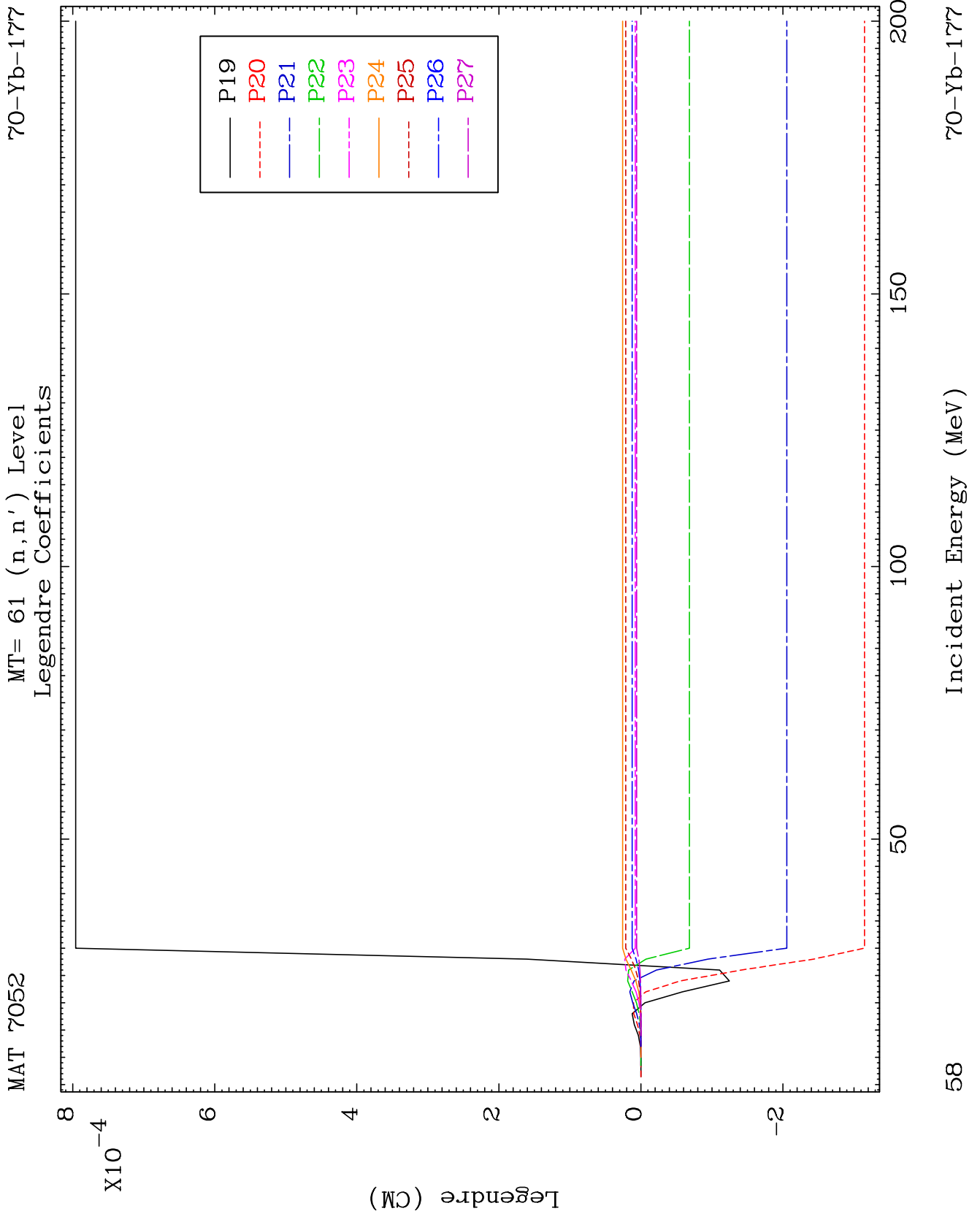
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70-Yb-177

Incident Energy (MeV)

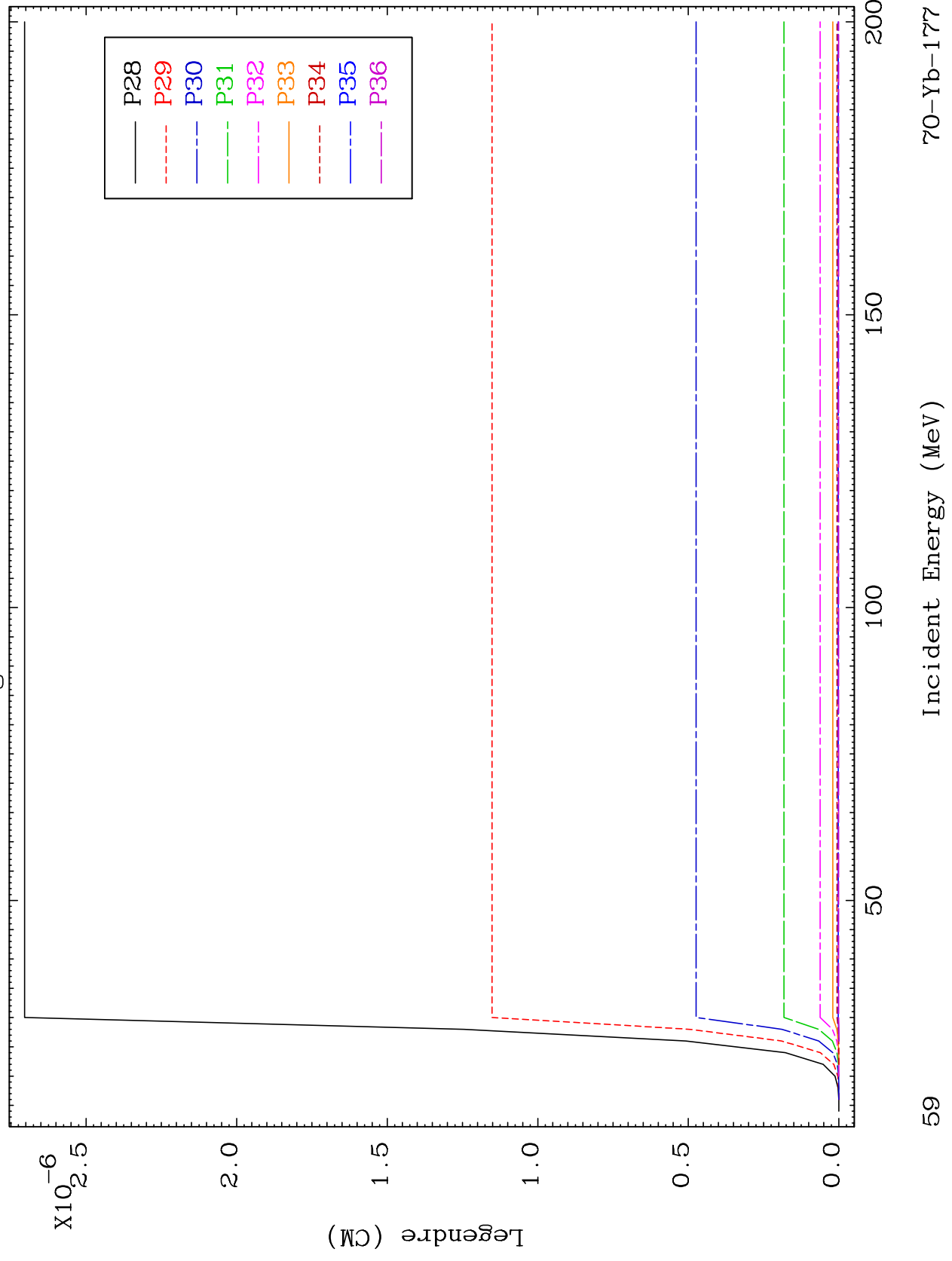
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MAT 7052

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

70-Yb-177



59

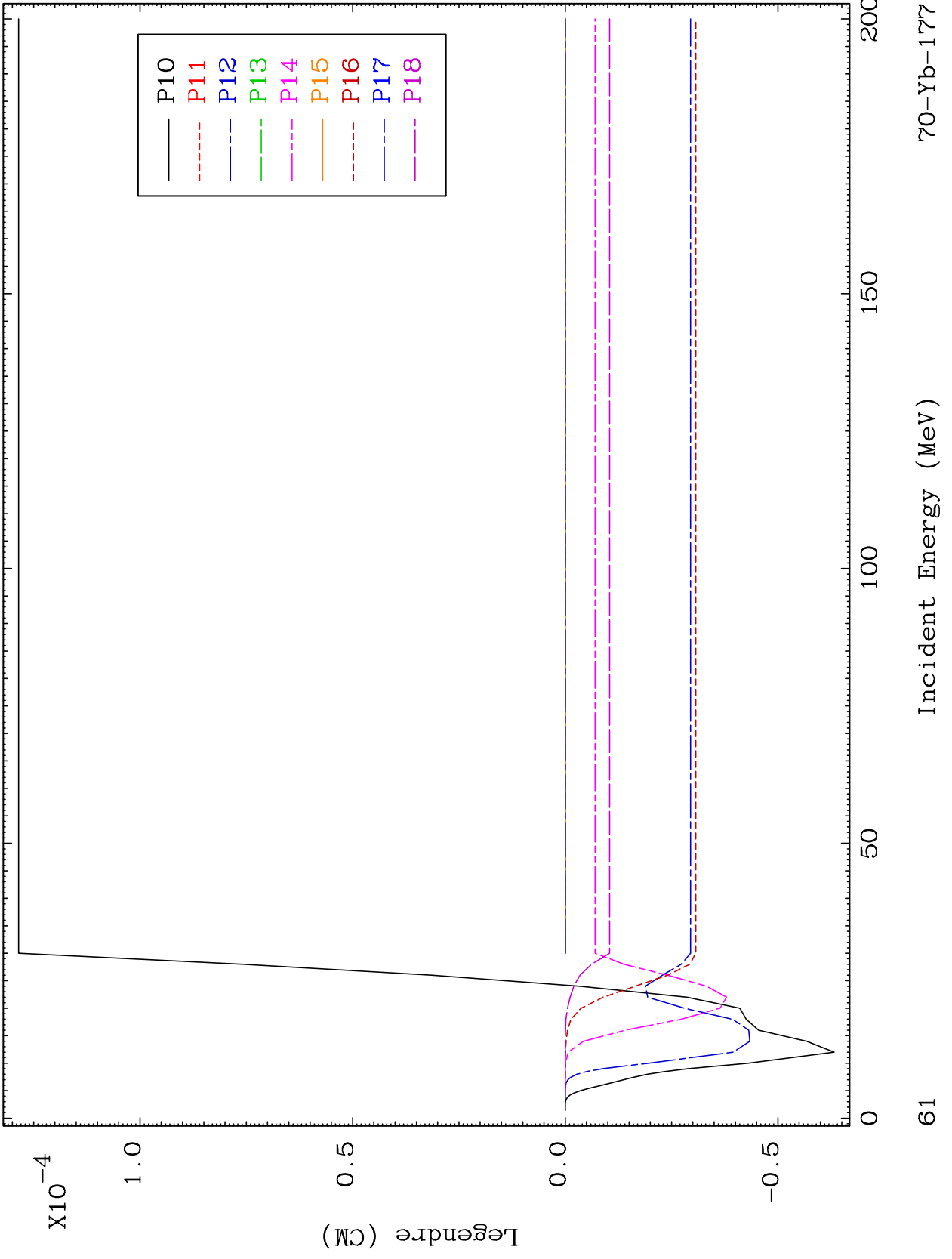
Incident Energy (MeV)

70-Yb-177

MAT 7052

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

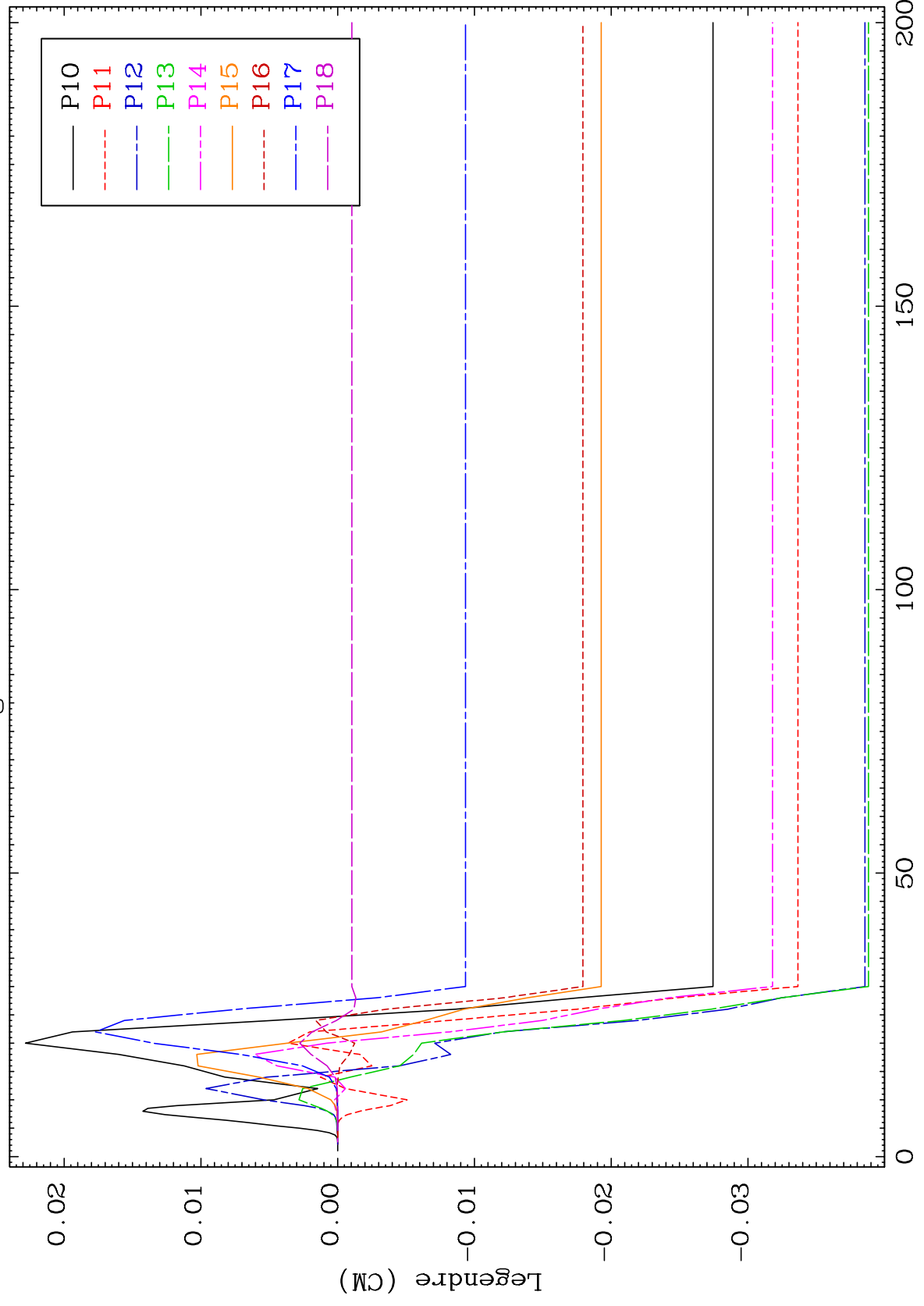
70-Yb-177



MAT 7052

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

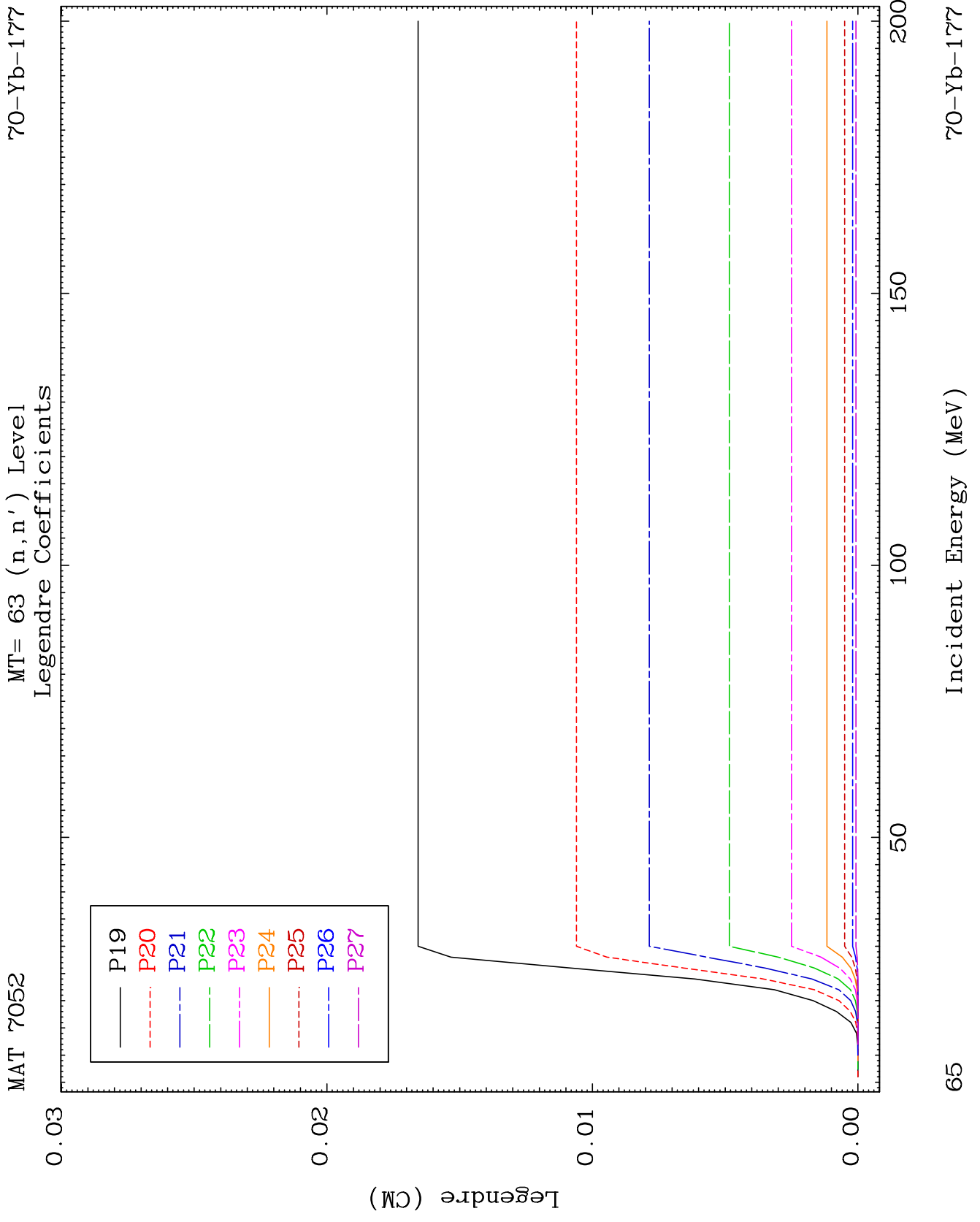
70-Yb-177



64

Incident Energy (MeV)

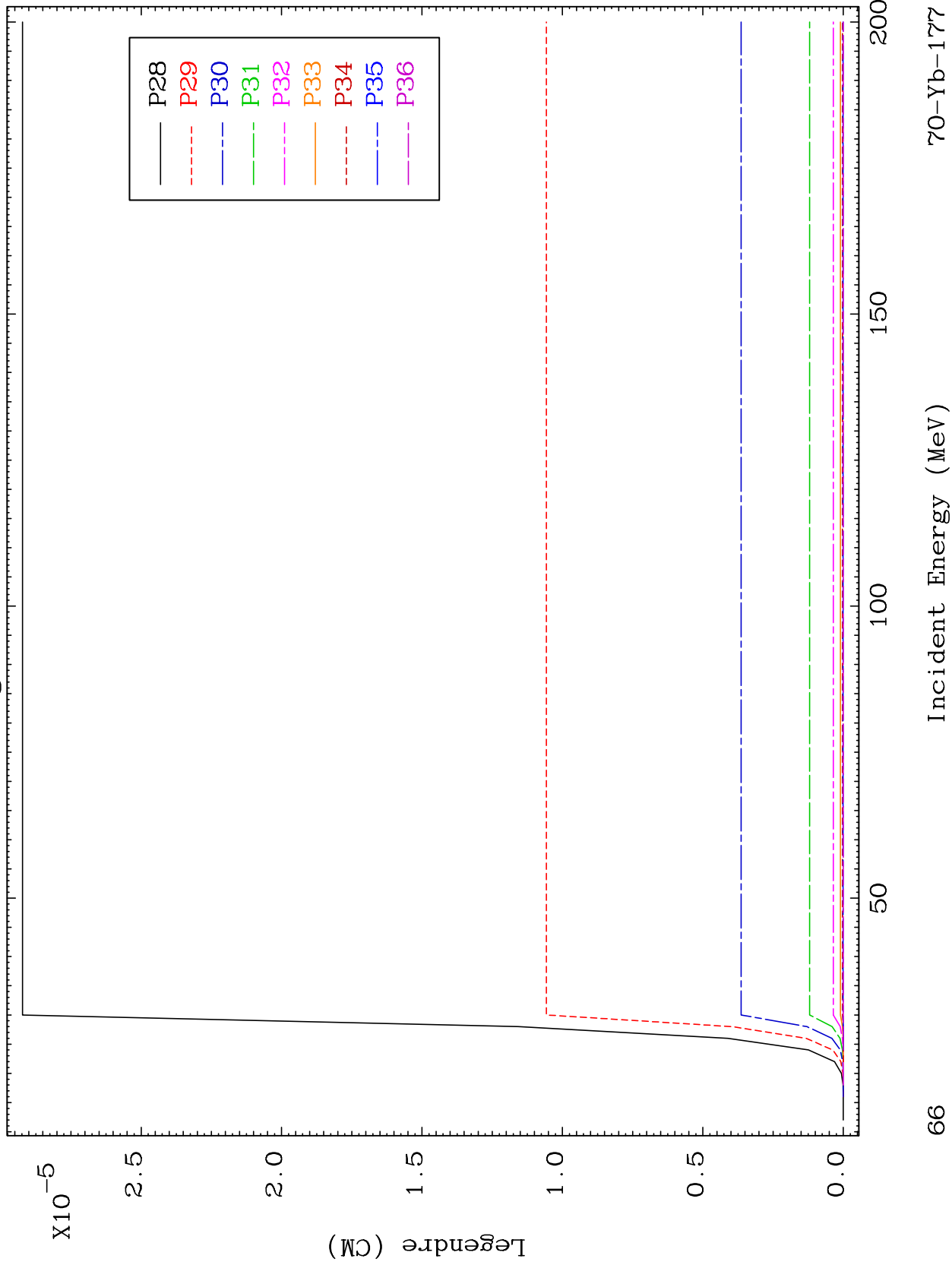
70-Yb-177



MAT 7052

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

70-Yb-177

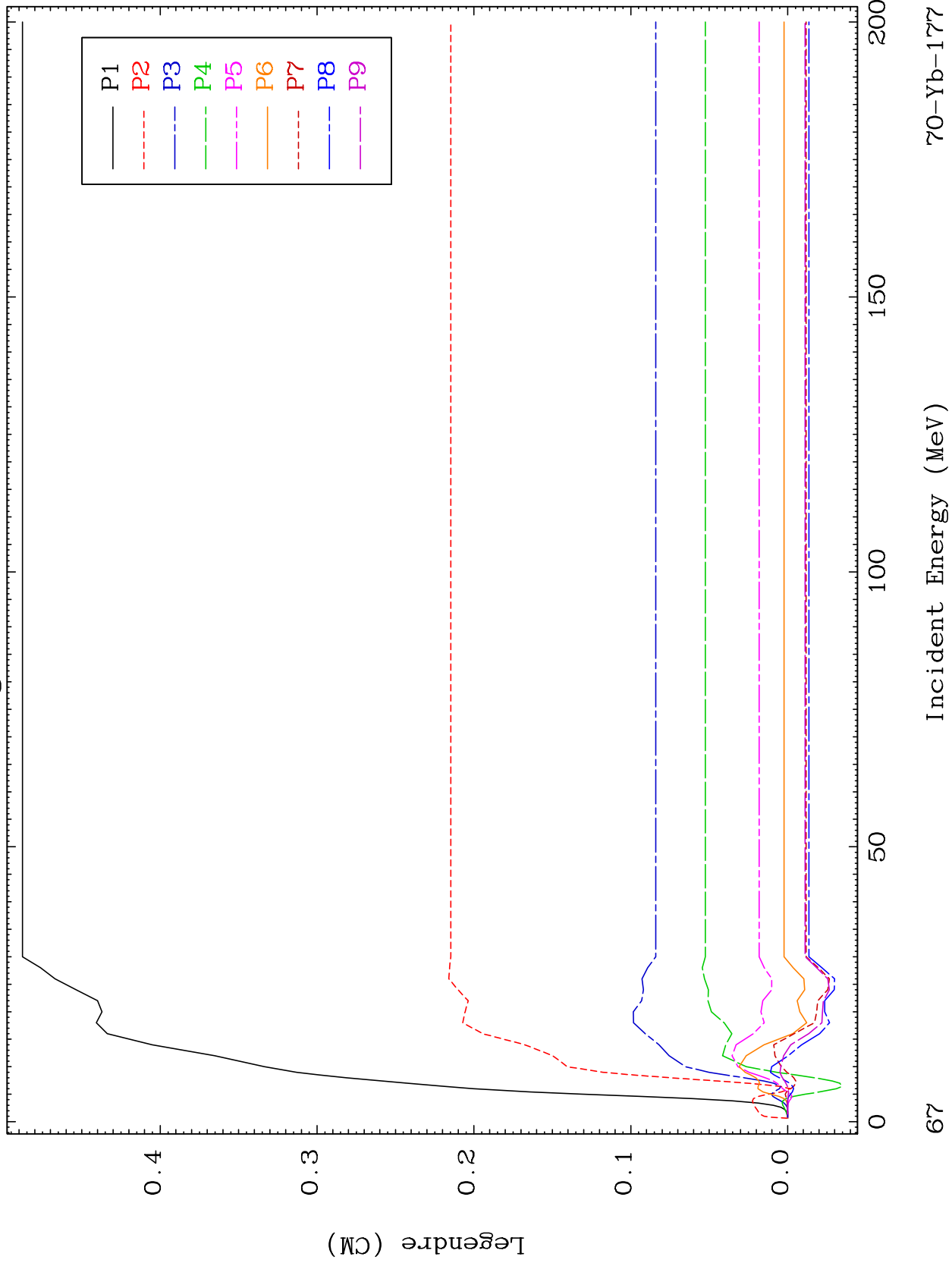


66

MAT 7052

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

70-Yb-177



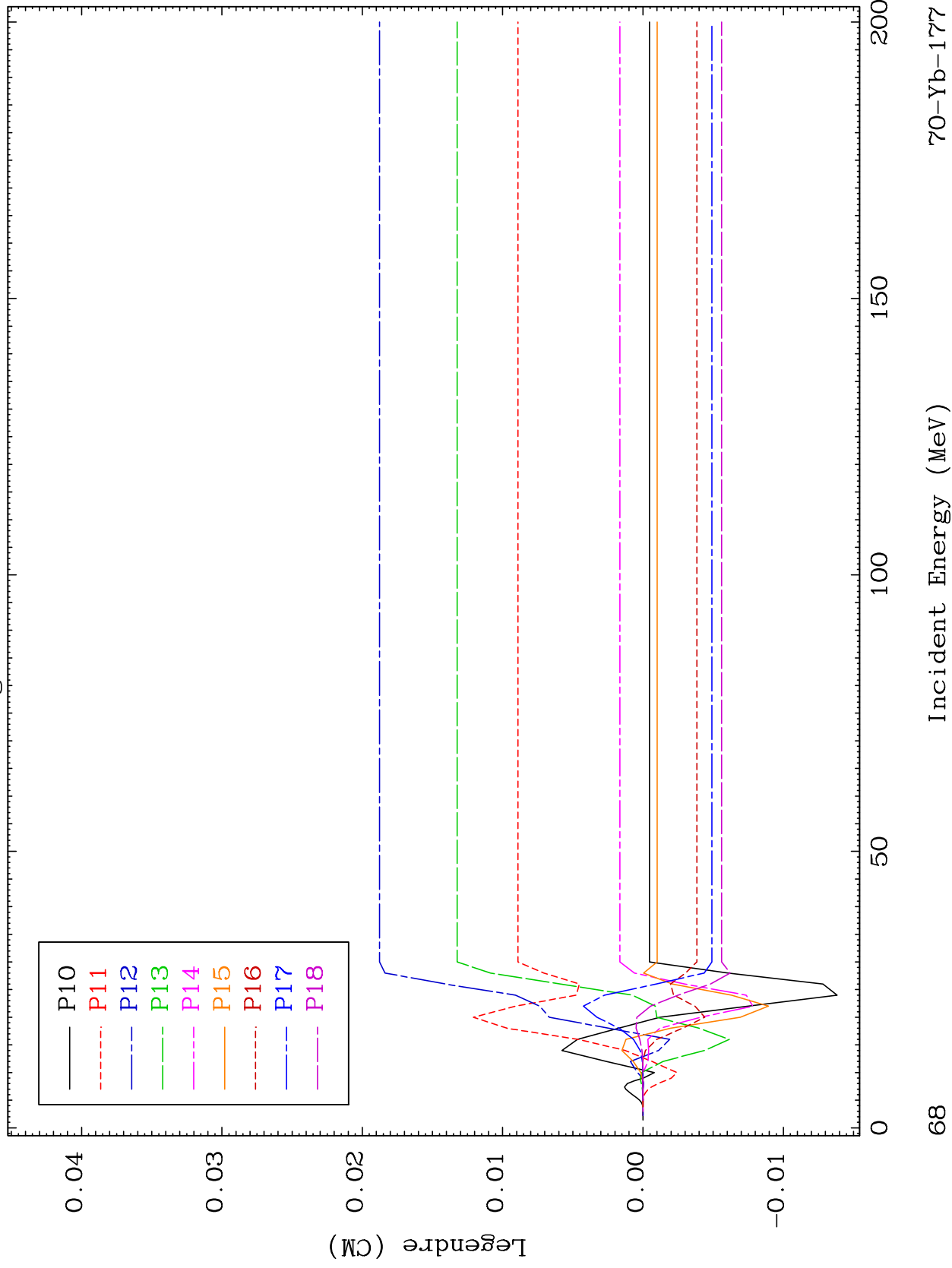
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70-Yb-177

MAT 7052

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

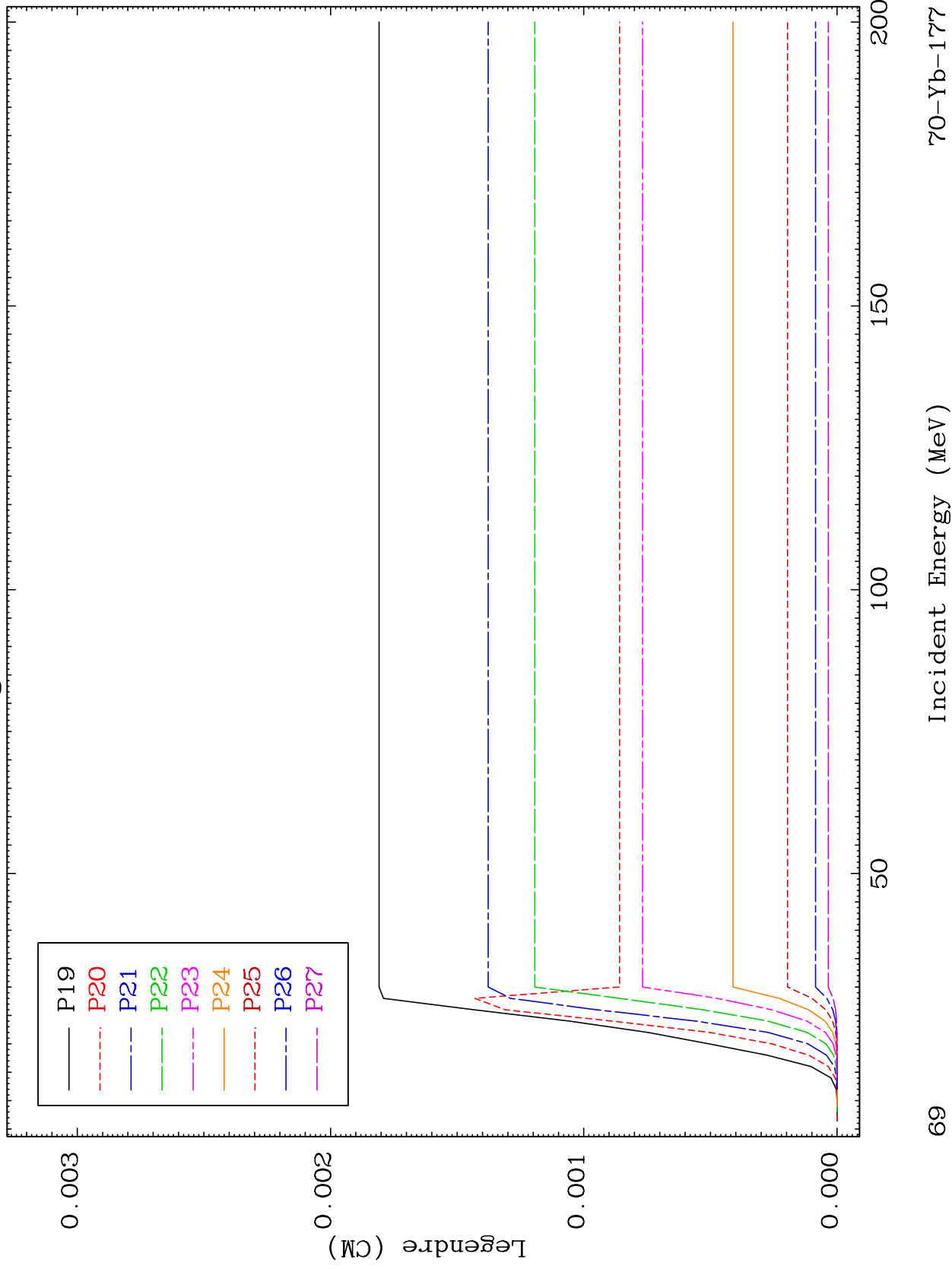
70-Yb-177



68

Incident Energy (MeV)

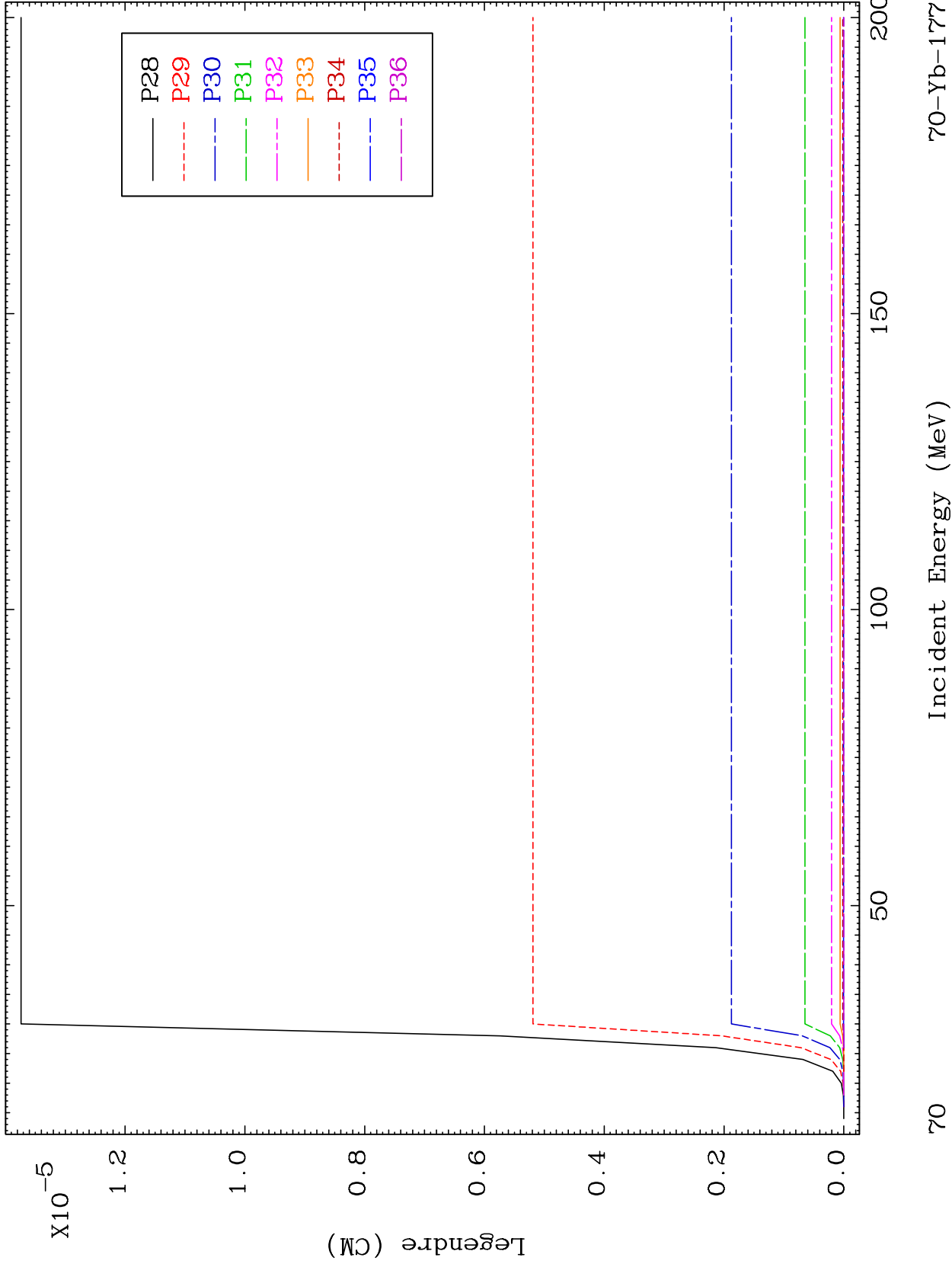
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MAT 7052

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

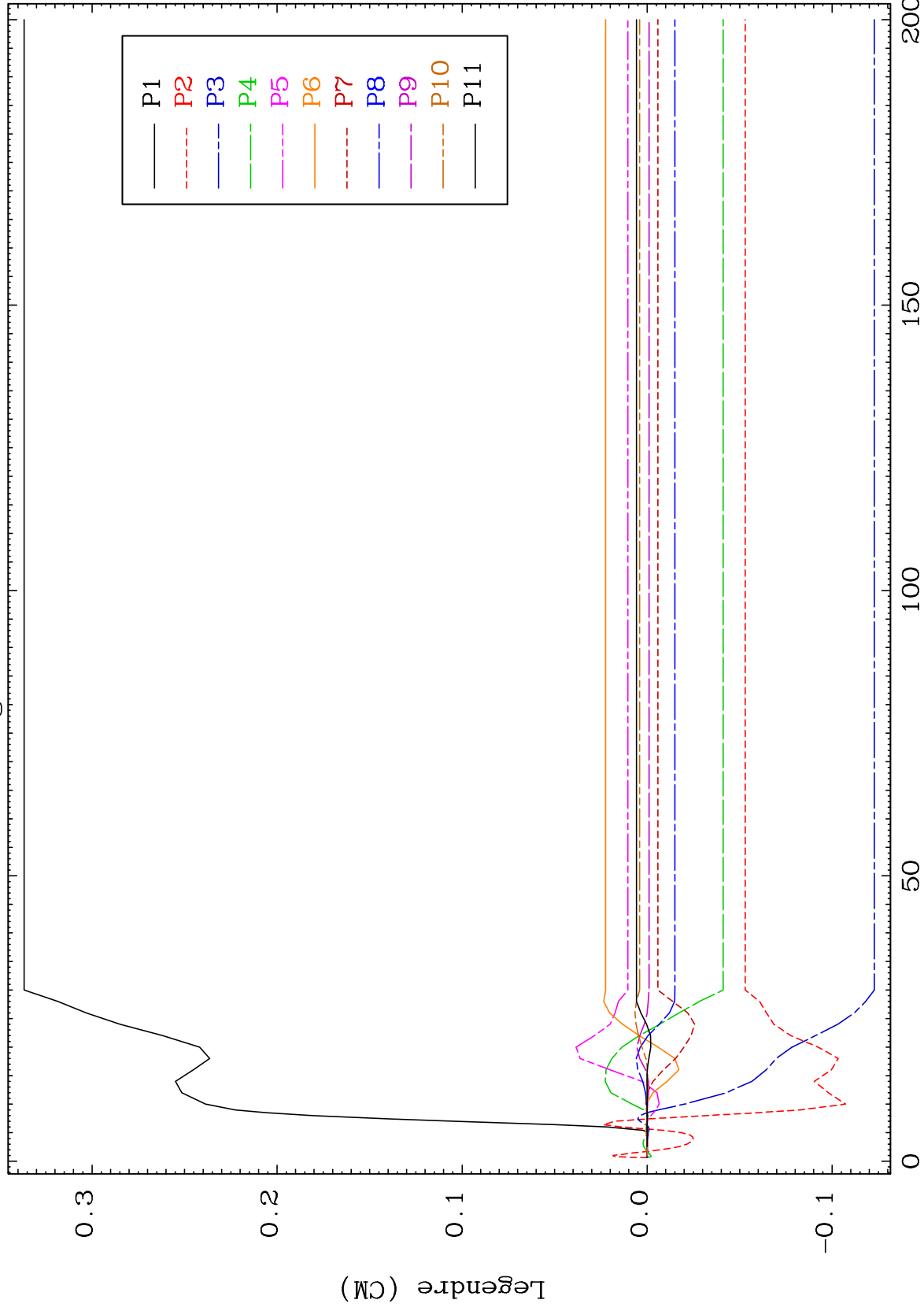
70-Yb-177



MAT 7052

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

70-Yb-177



71

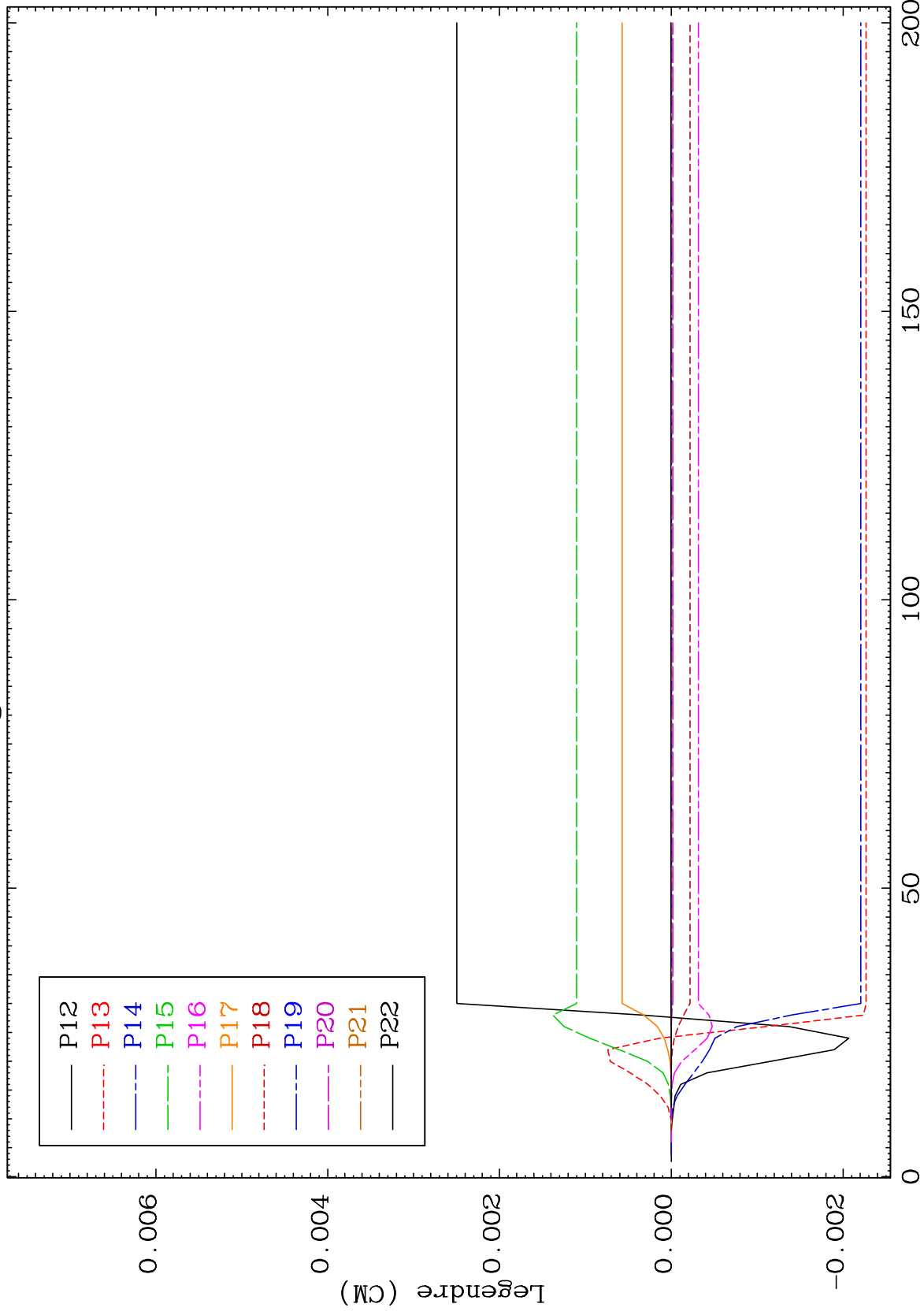
Incident Energy (MeV)

70-Yb-177

MAT 7052

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

70-Yb-177



72

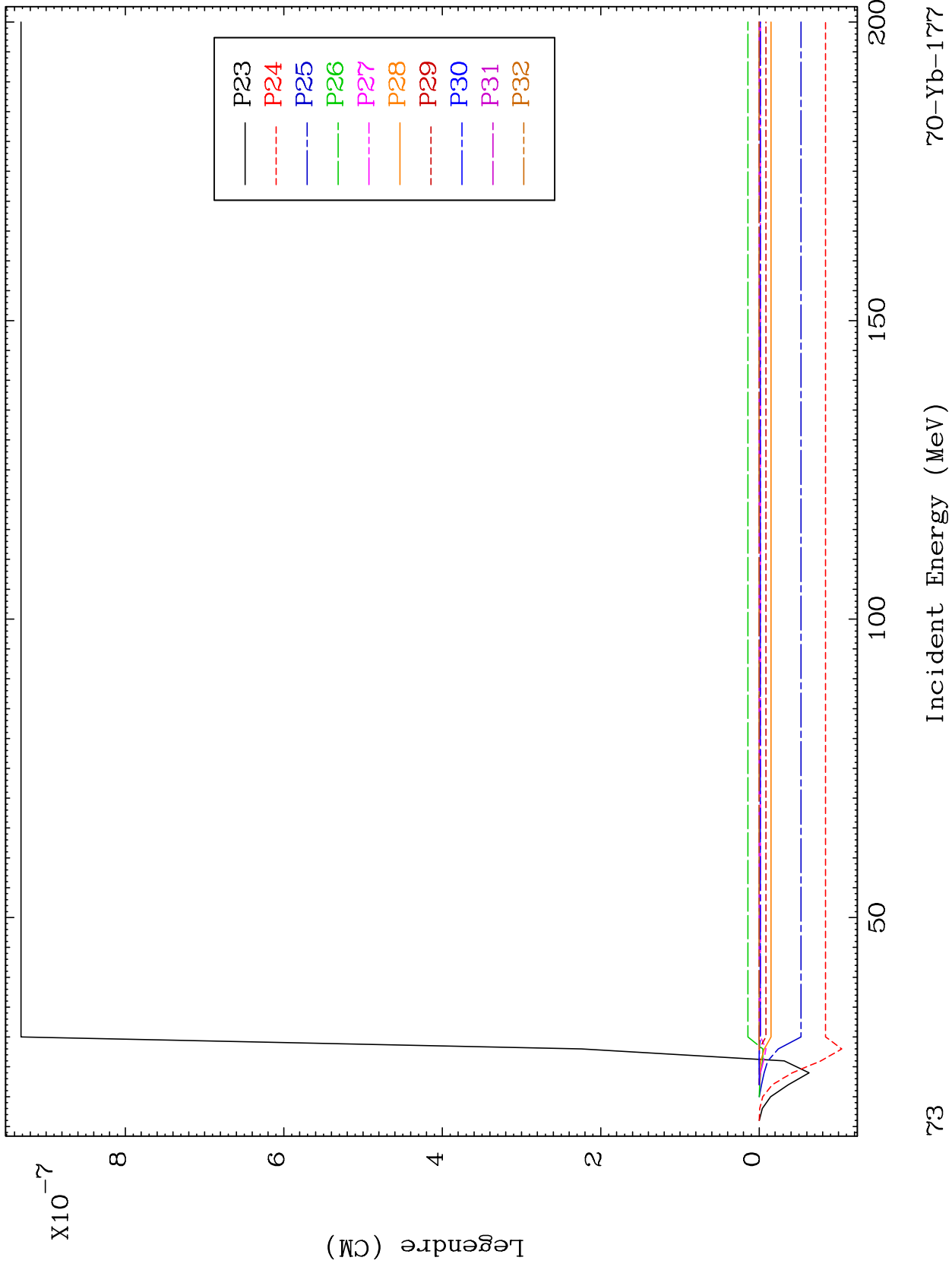
Incident Energy (MeV)

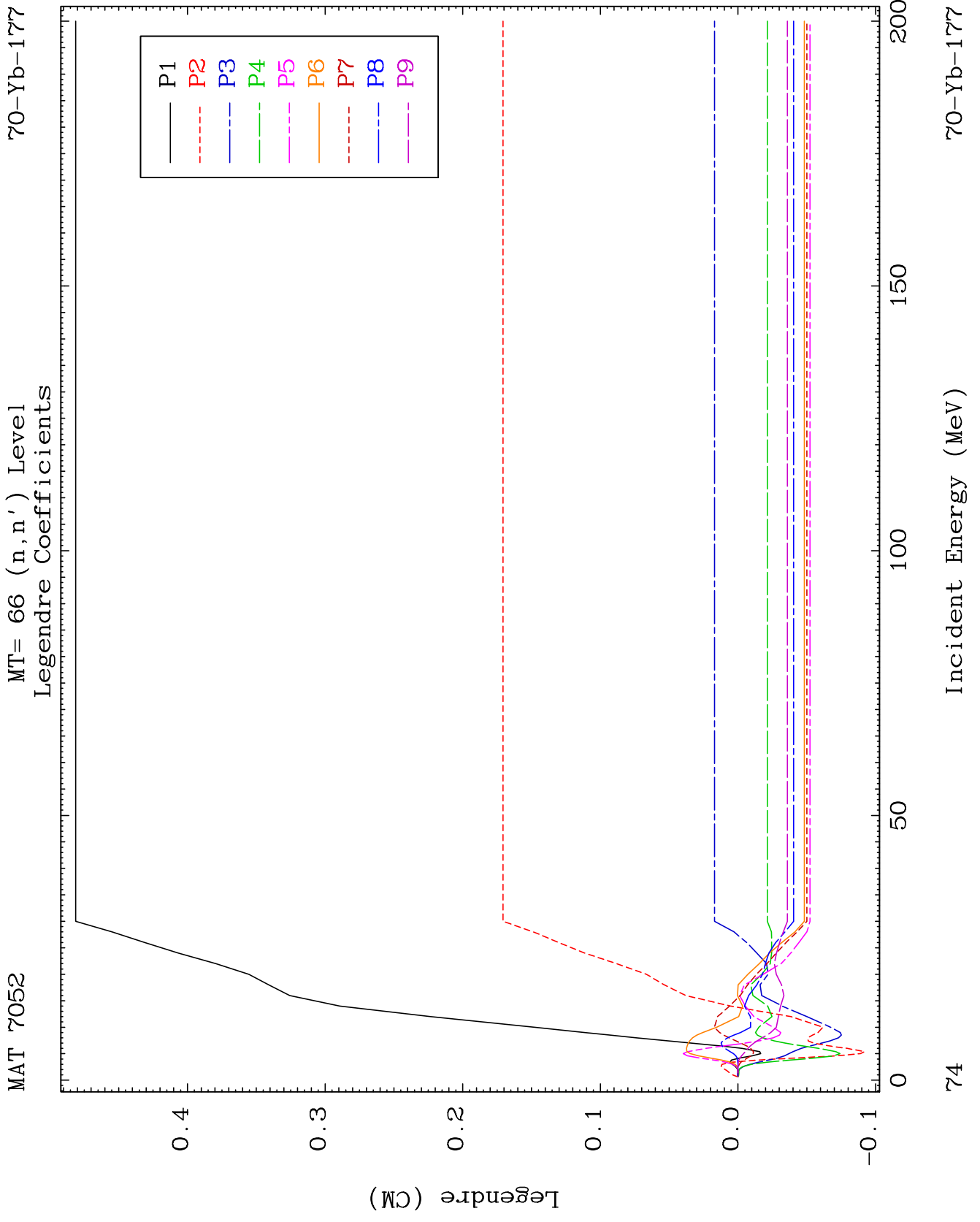
70-Yb-177

MAT 7052

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

70-Yb-177

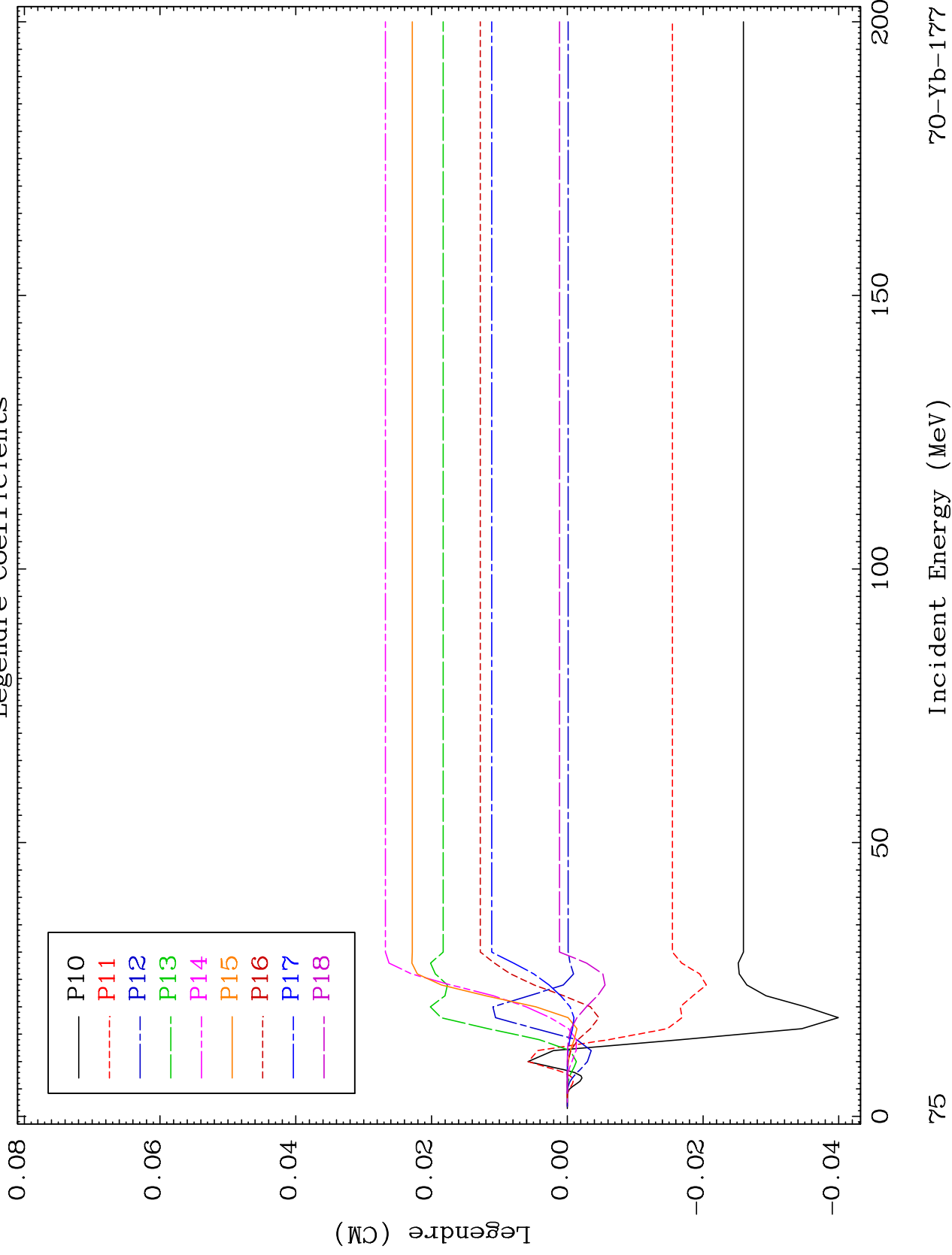




MAT 7052

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

70-Yb-177



70-Yb-177

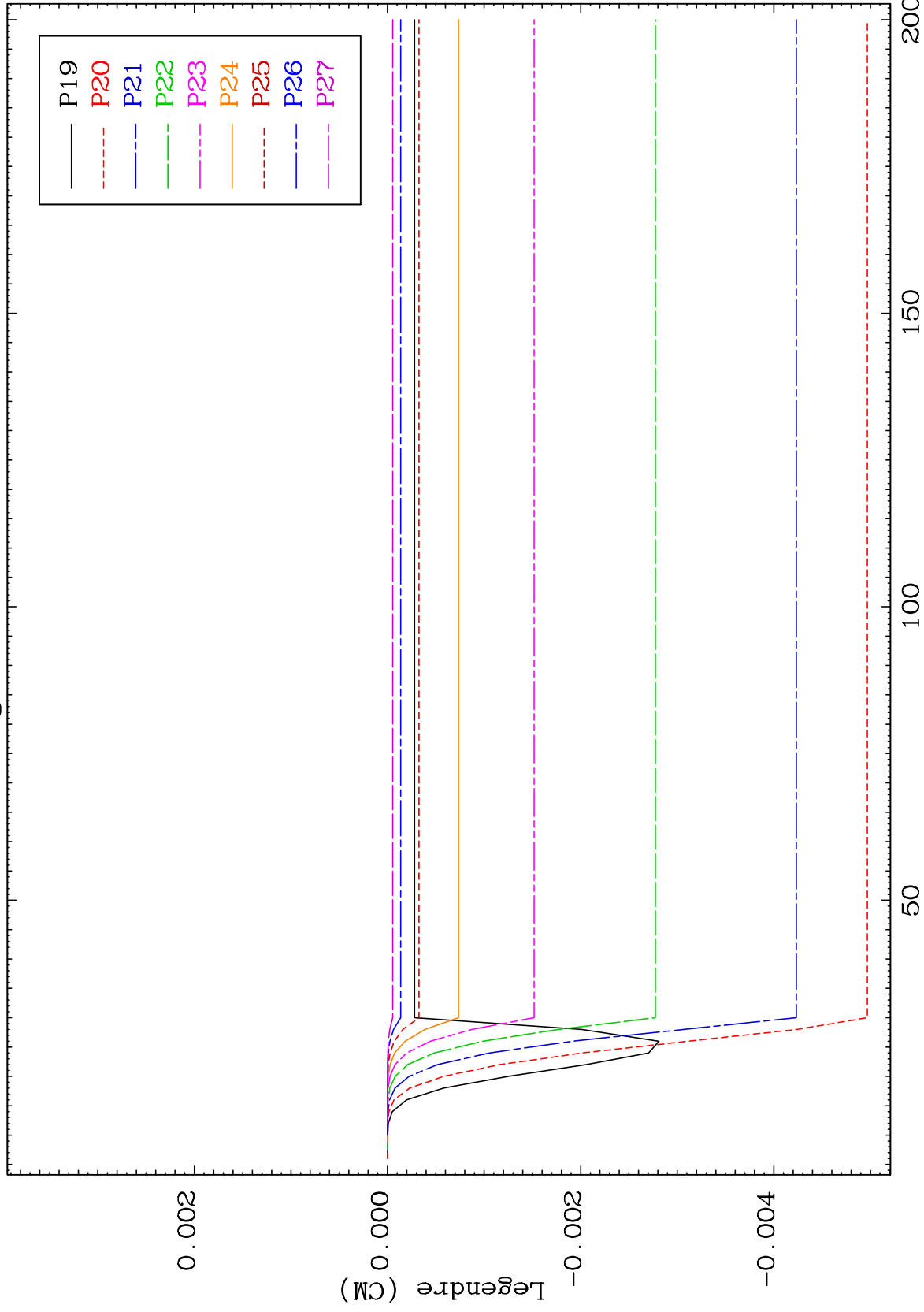
Incident Energy (MeV)

75

MAT 7052

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

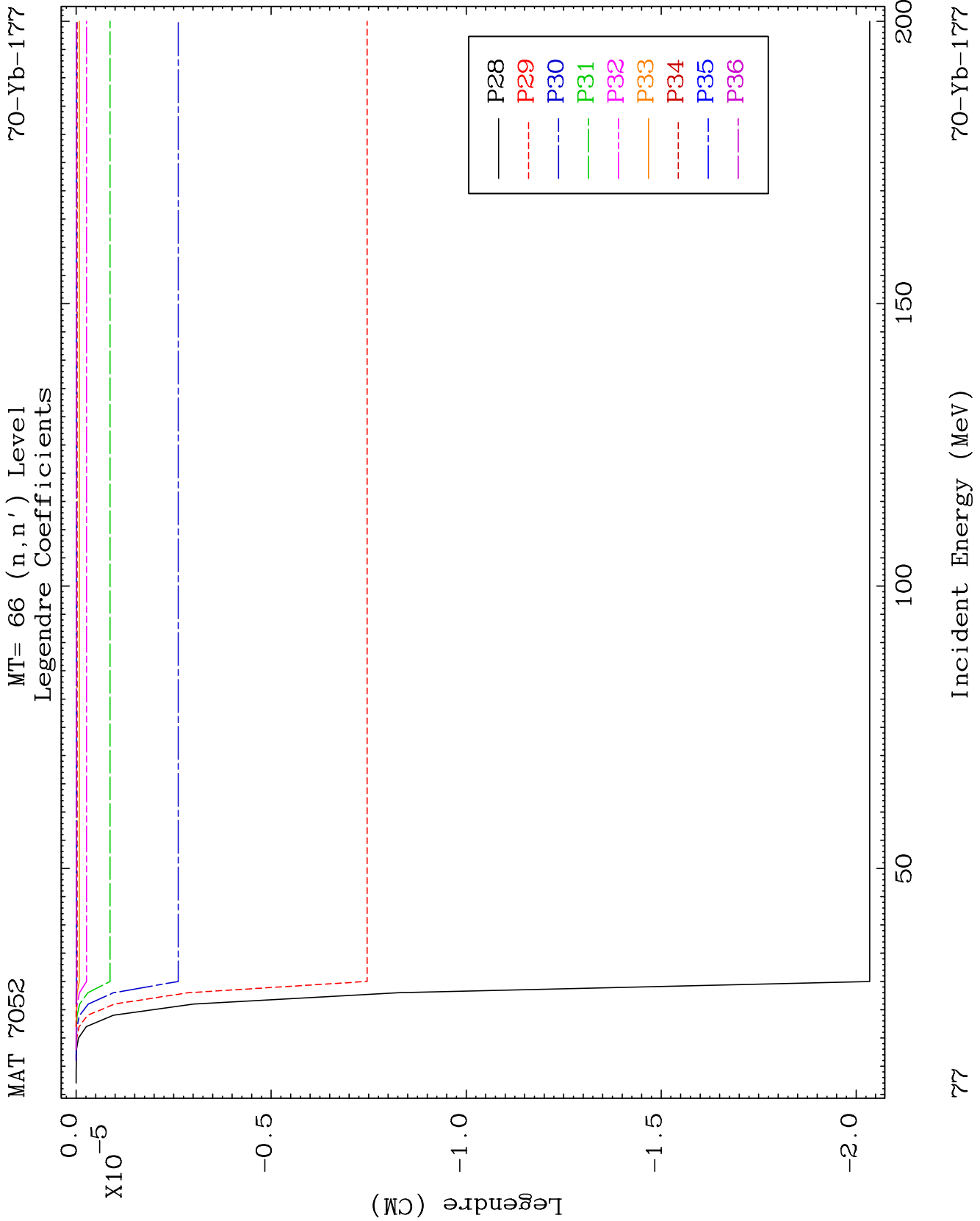
70-Yb-177

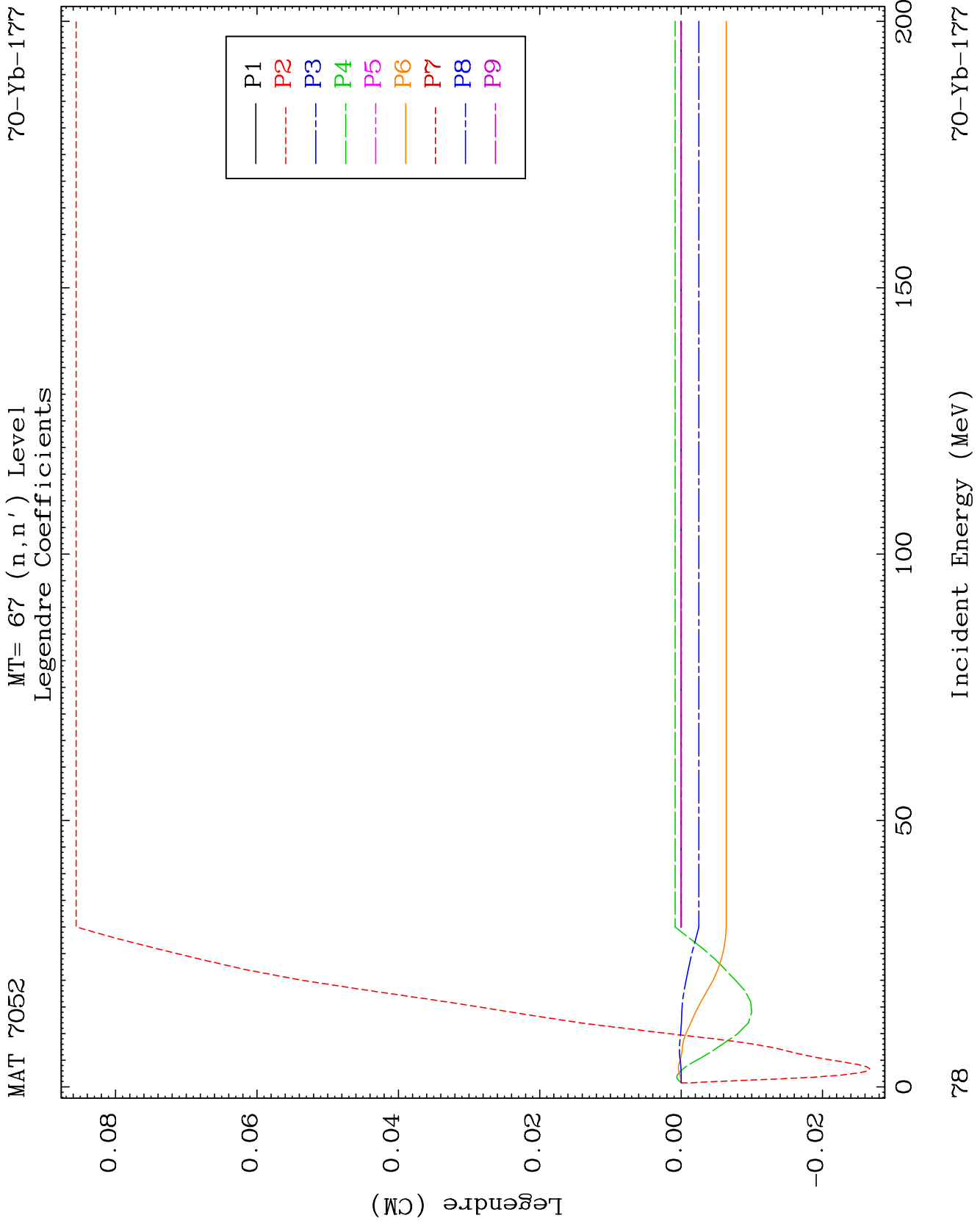


76

Incident Energy (MeV)

70-Yb-177

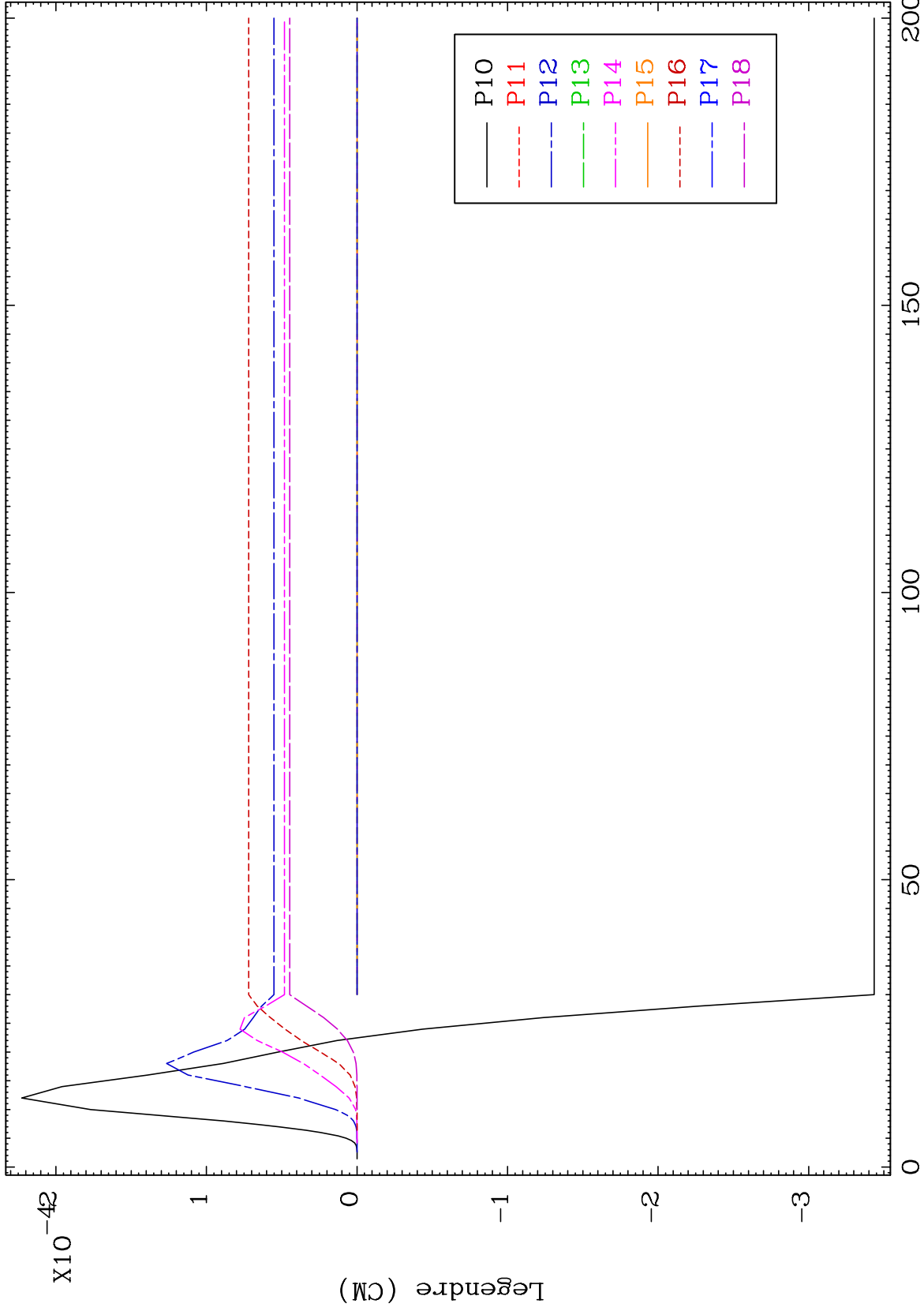




MAT 7052

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

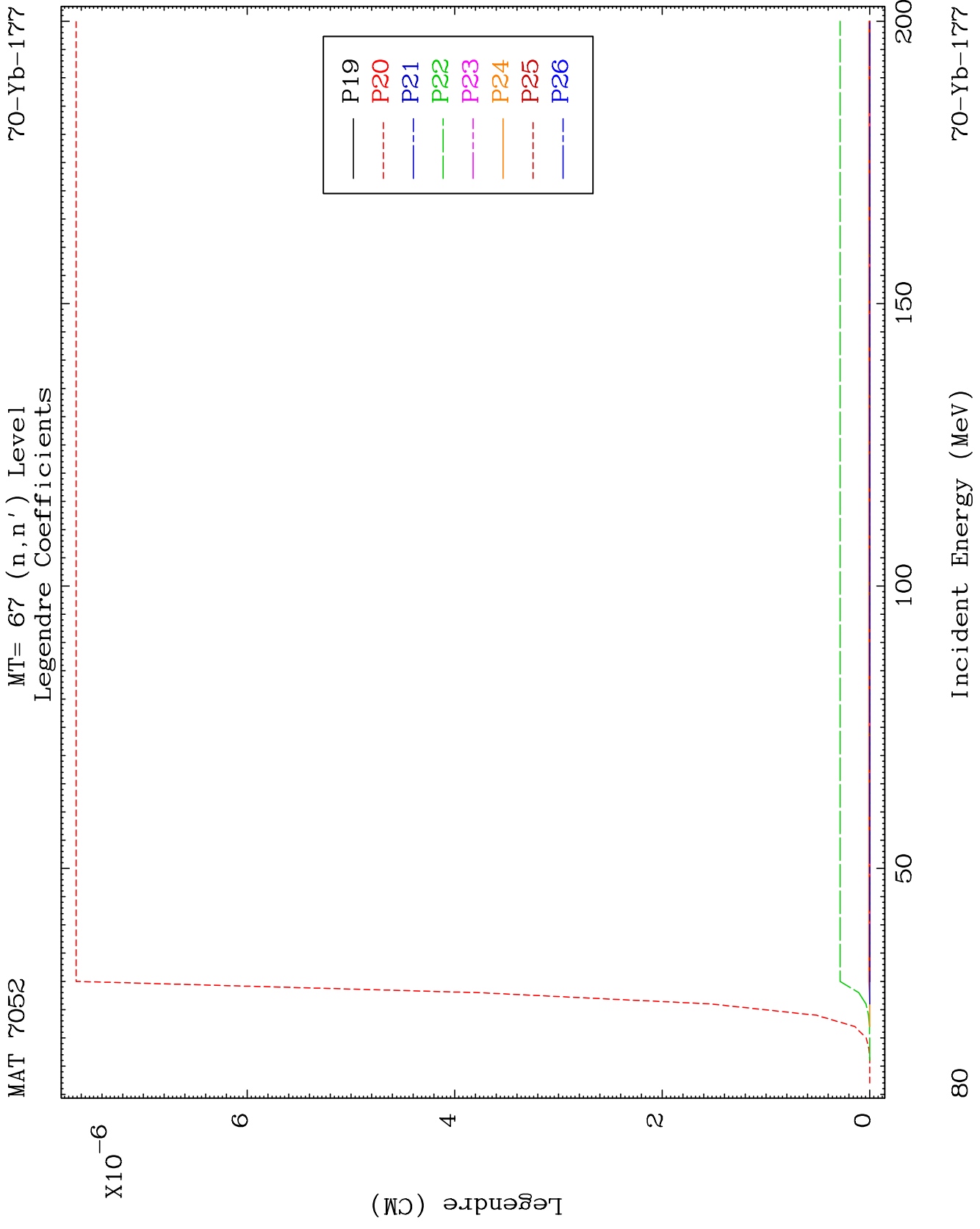
70-Yb-177



79

Incident Energy (MeV)

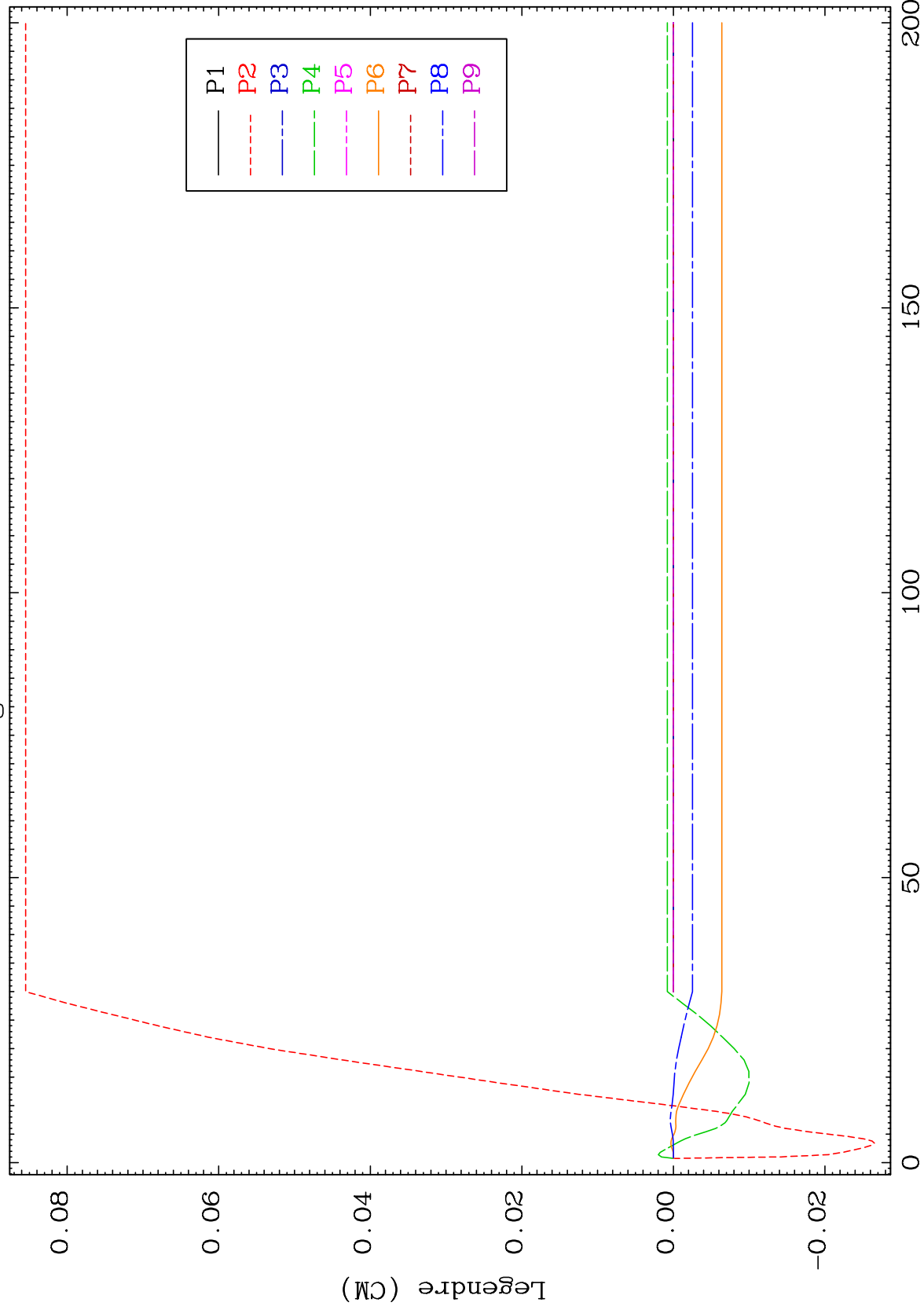
70-Yb-177



MAT 7052

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

70-Yb-177



81

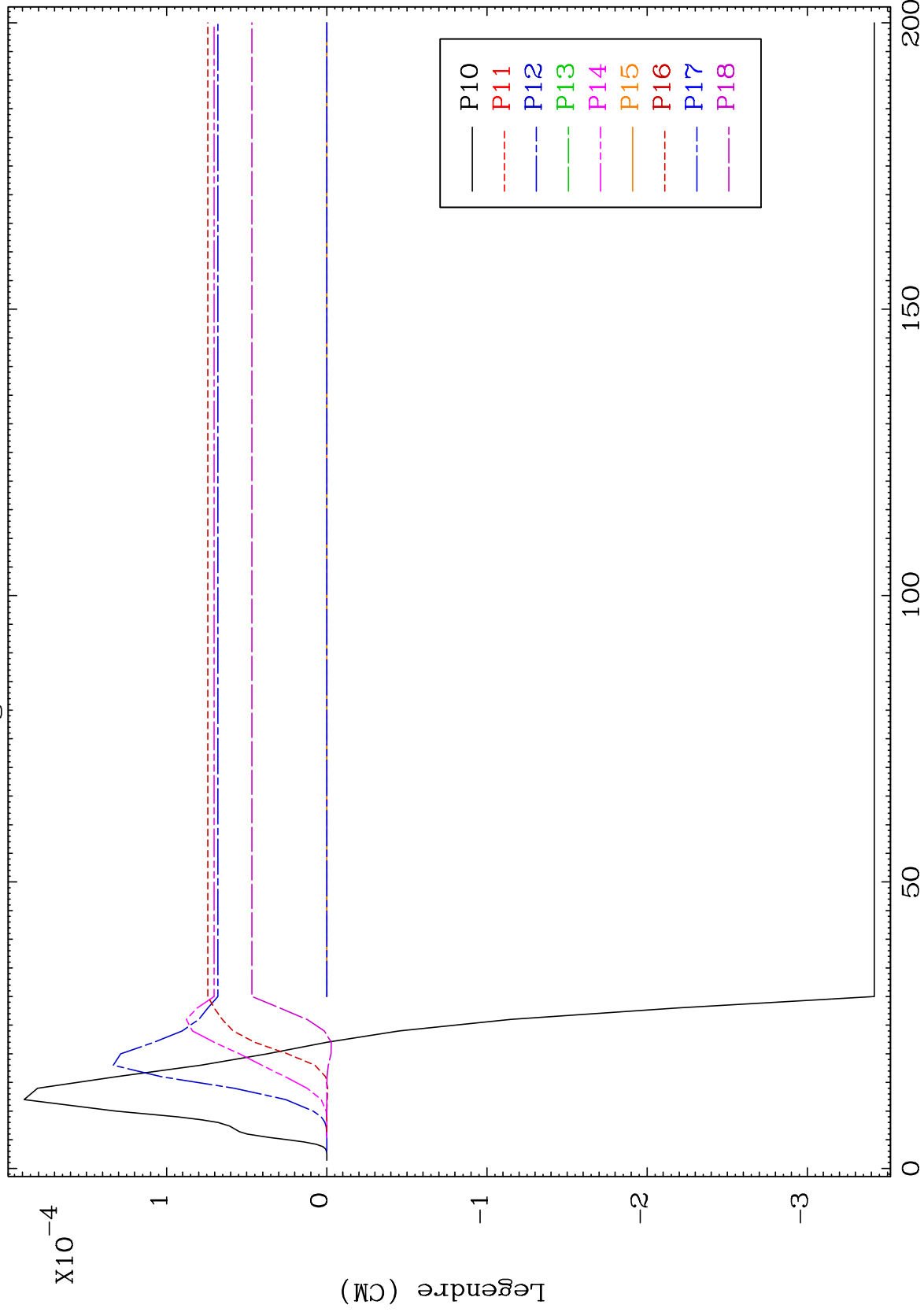
Incident Energy (MeV)

70-Yb-177

MAT 7052

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

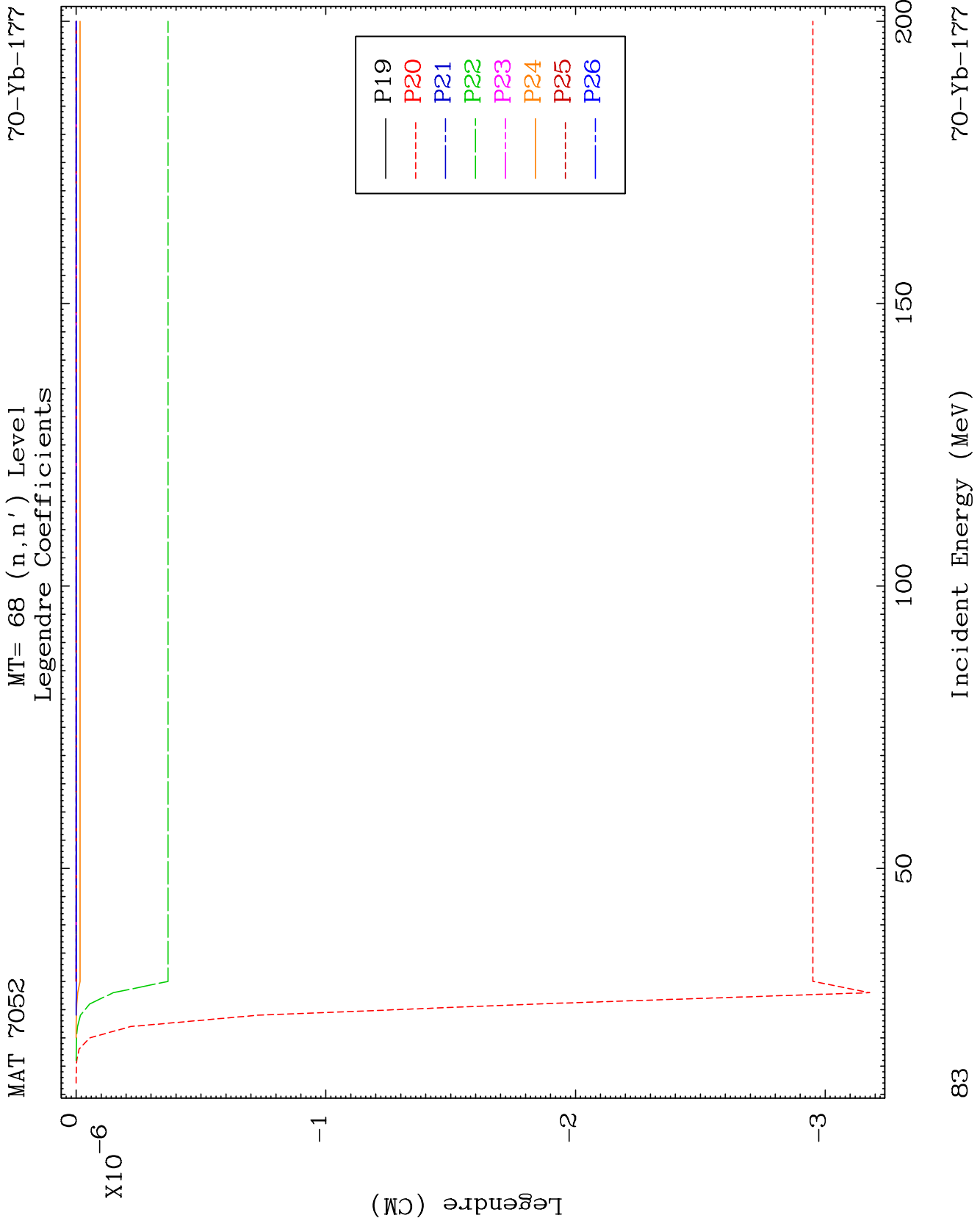
70-Yb-177



82

Incident Energy (MeV)

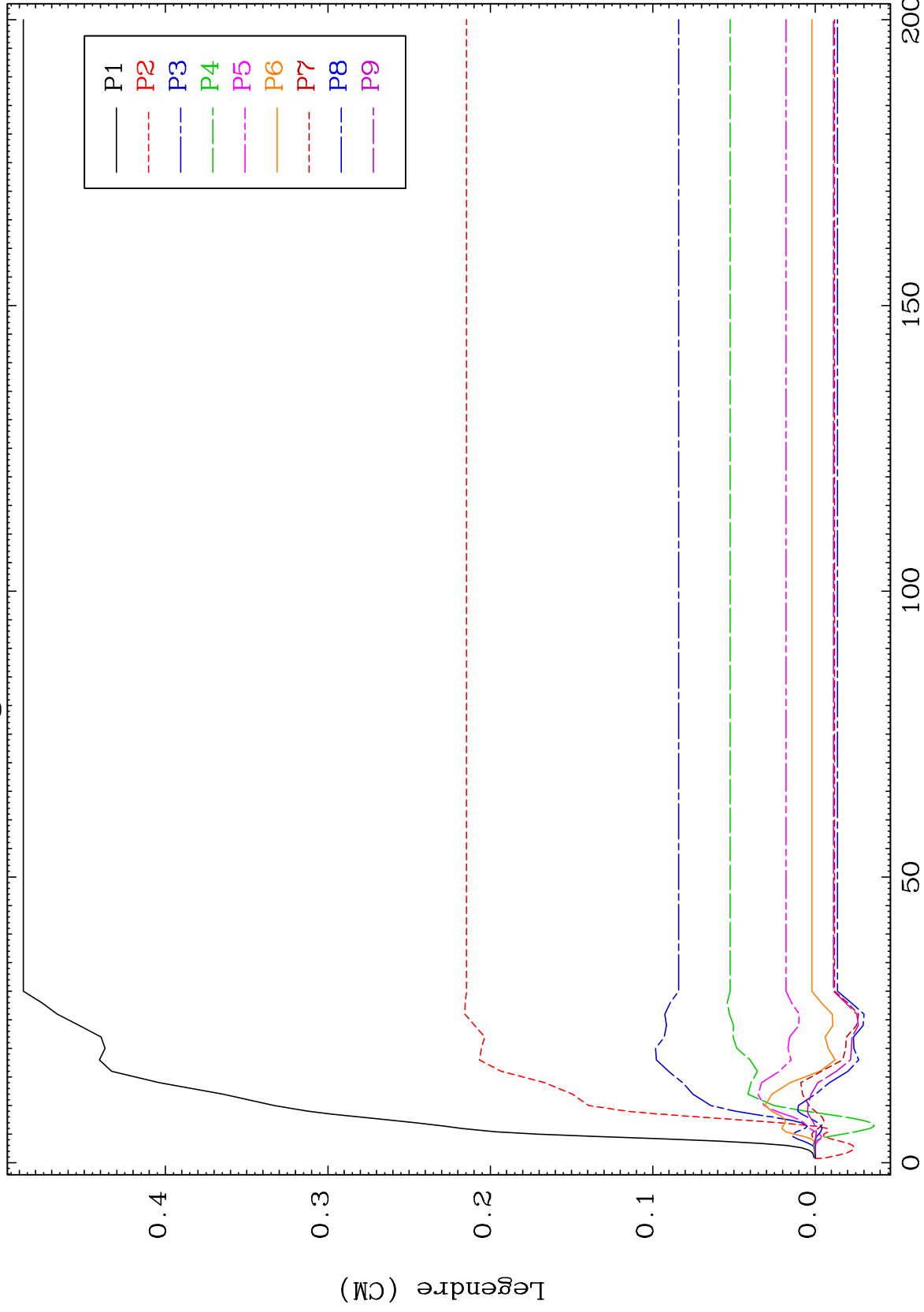
70-Yb-177



MAT 7052

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

70-Yb-177



84

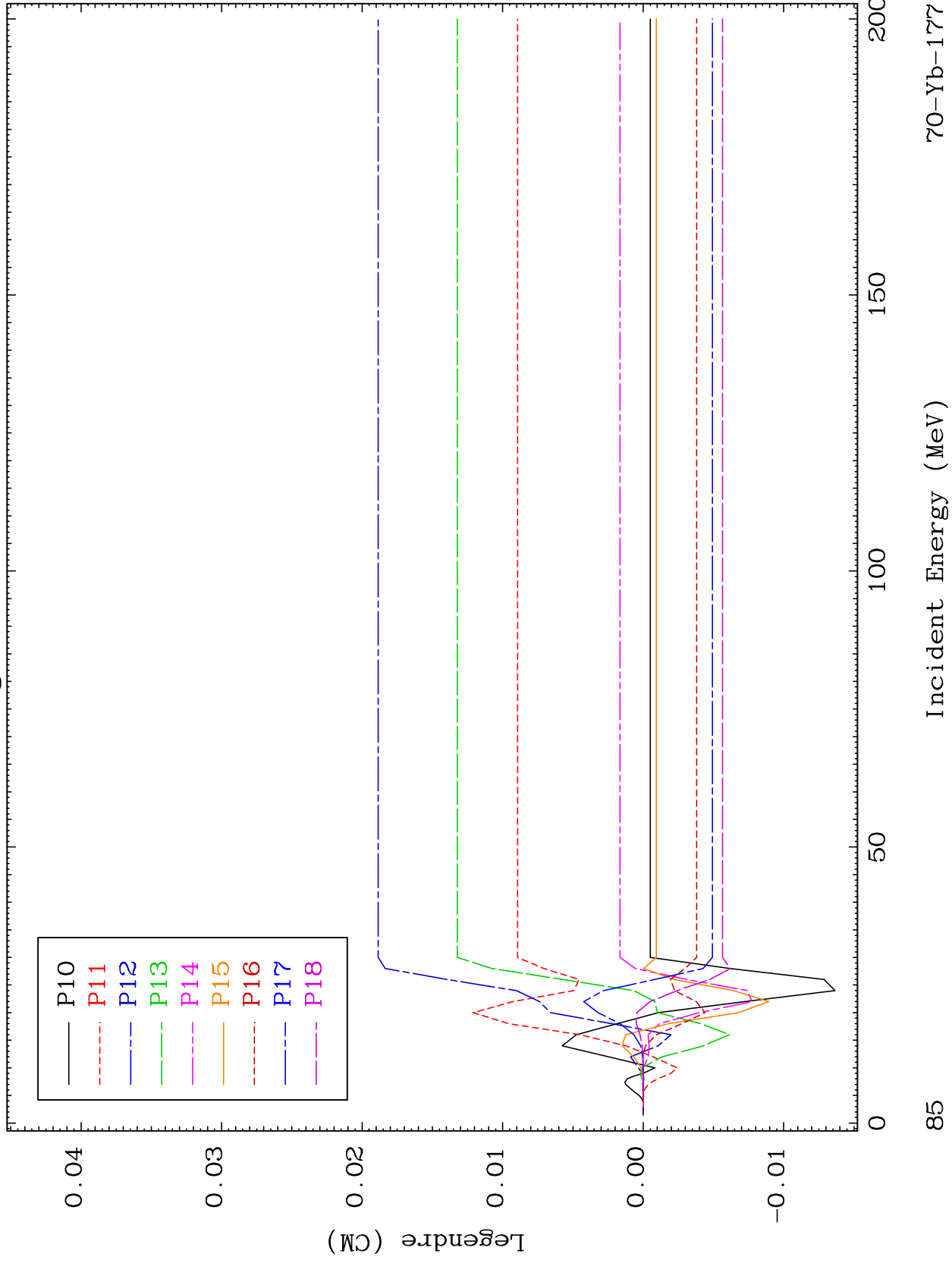
Incident Energy (MeV)

70-Yb-177

MAT 7052

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

70-Yb-177



70-Yb-177

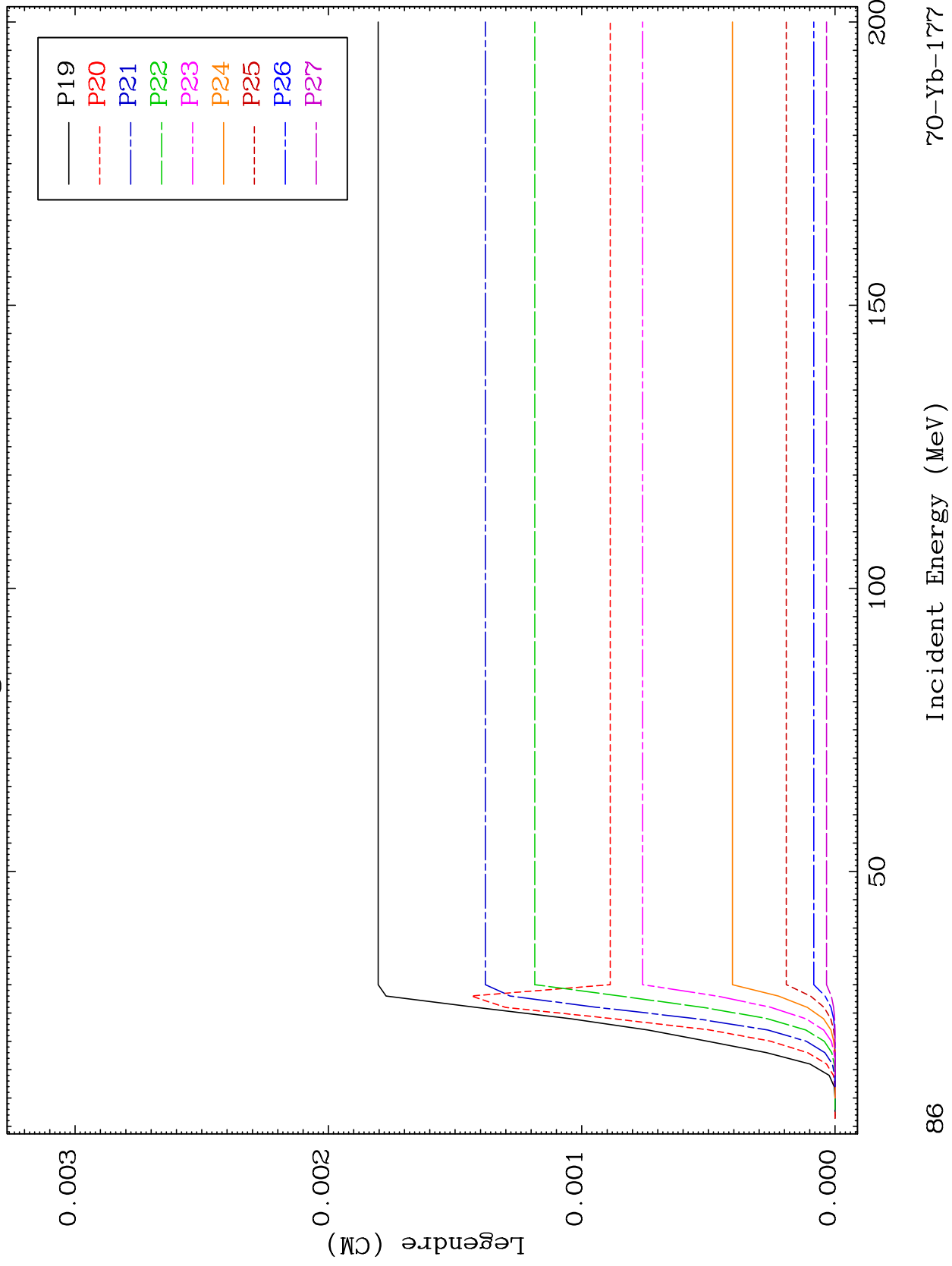
Incident Energy (MeV)

85

MAT 7052

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

70-Yb-177



86

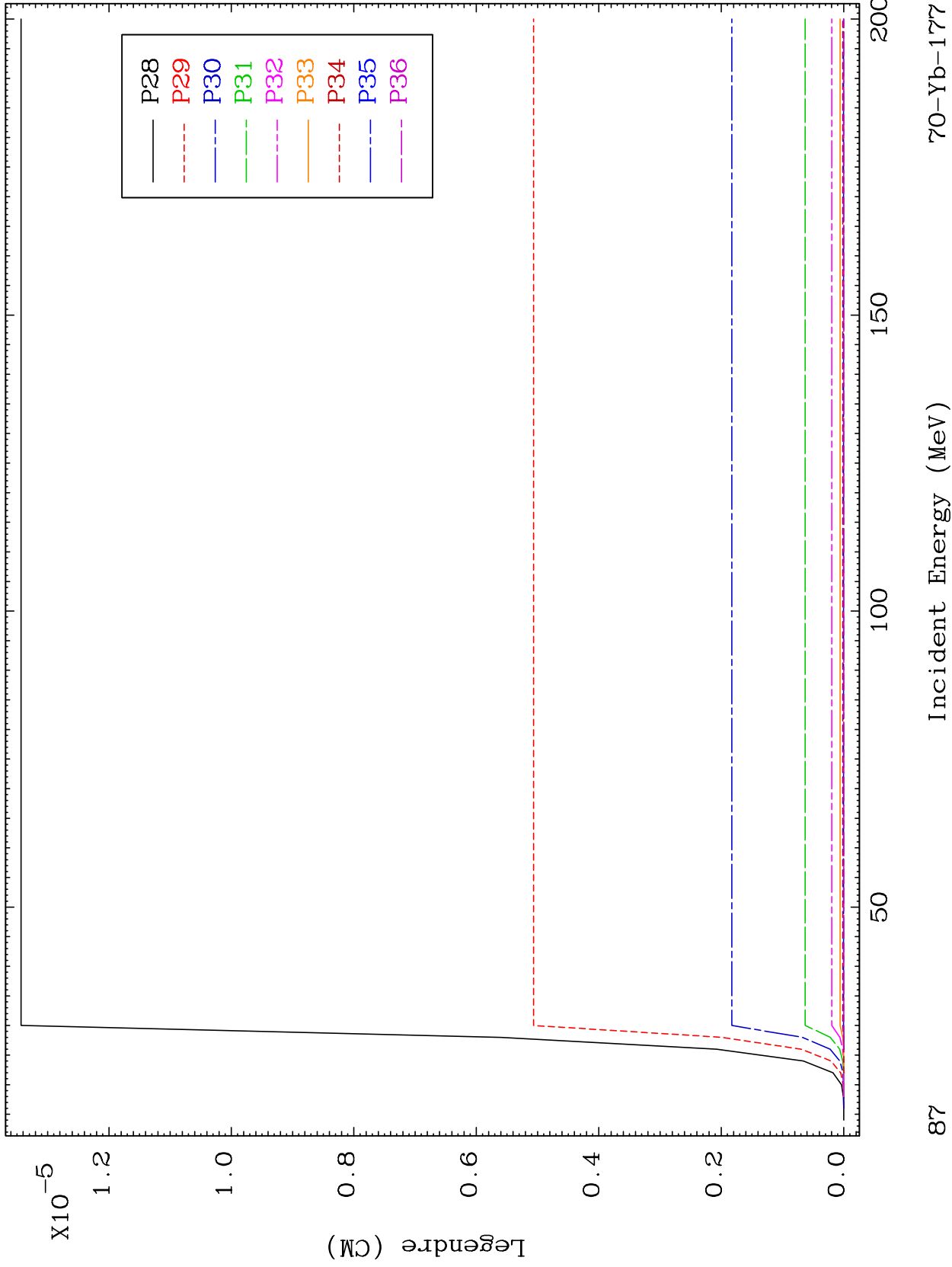
Incident Energy (MeV)

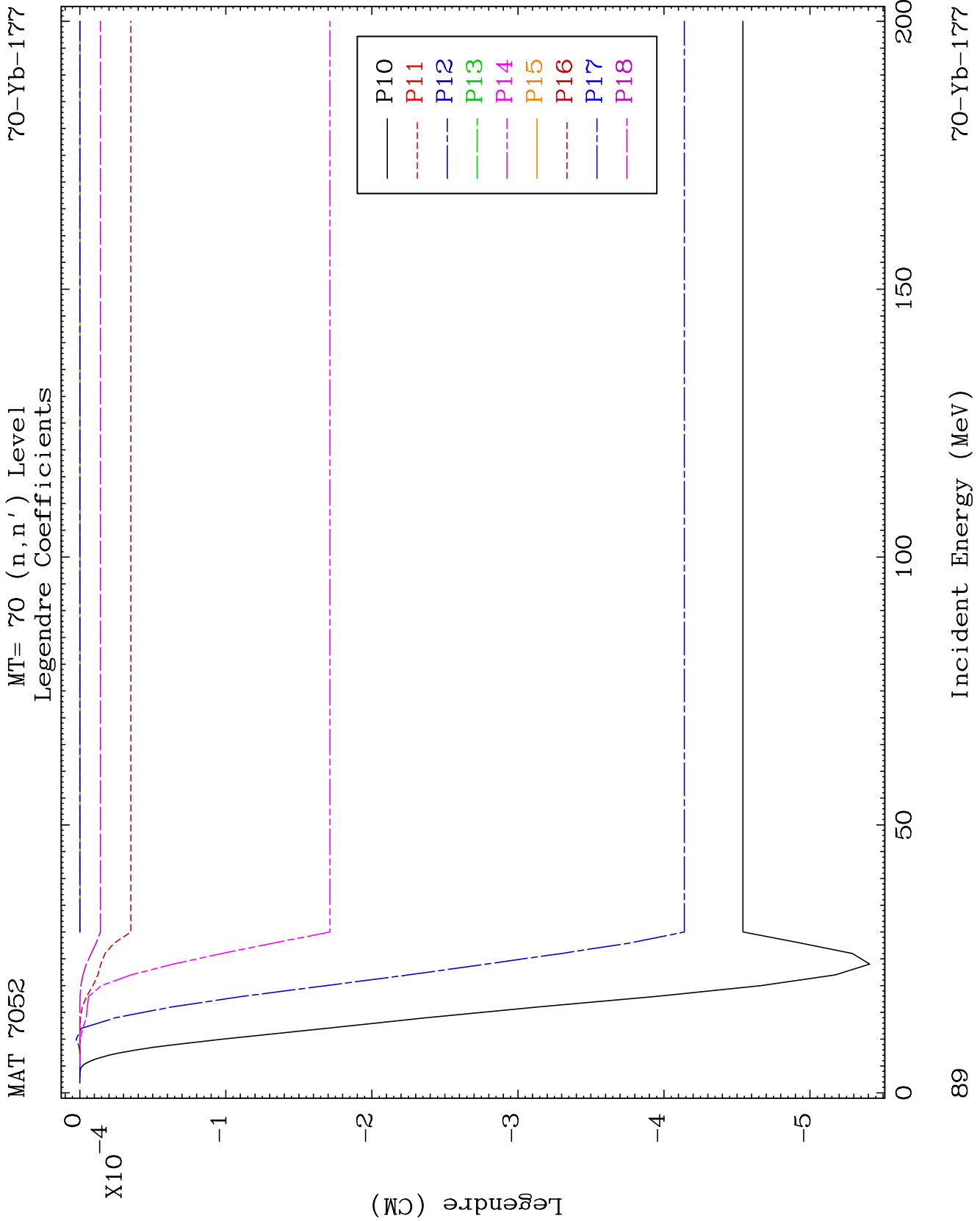
70-Yb-177

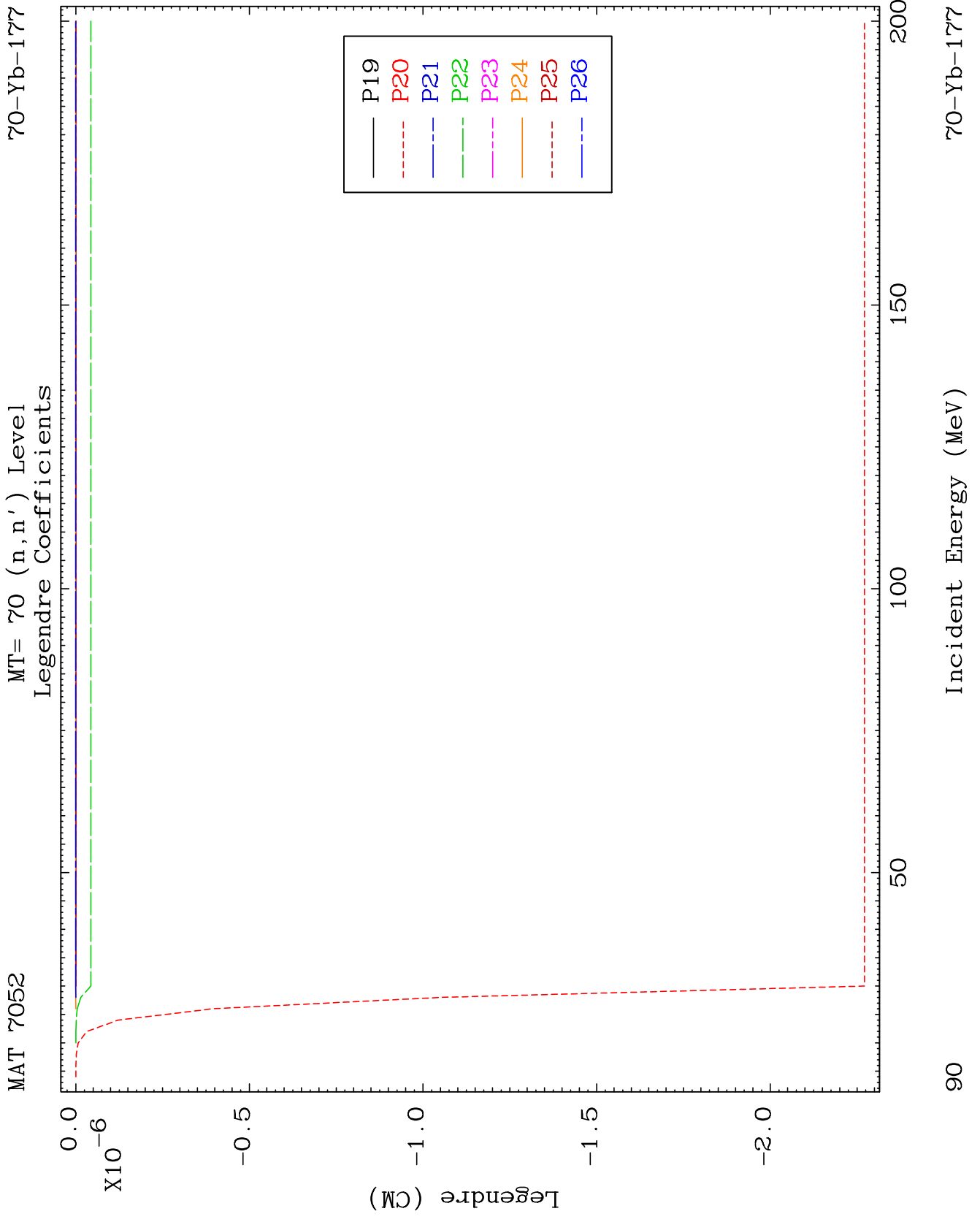
MAT 7052

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

70-Yb-177



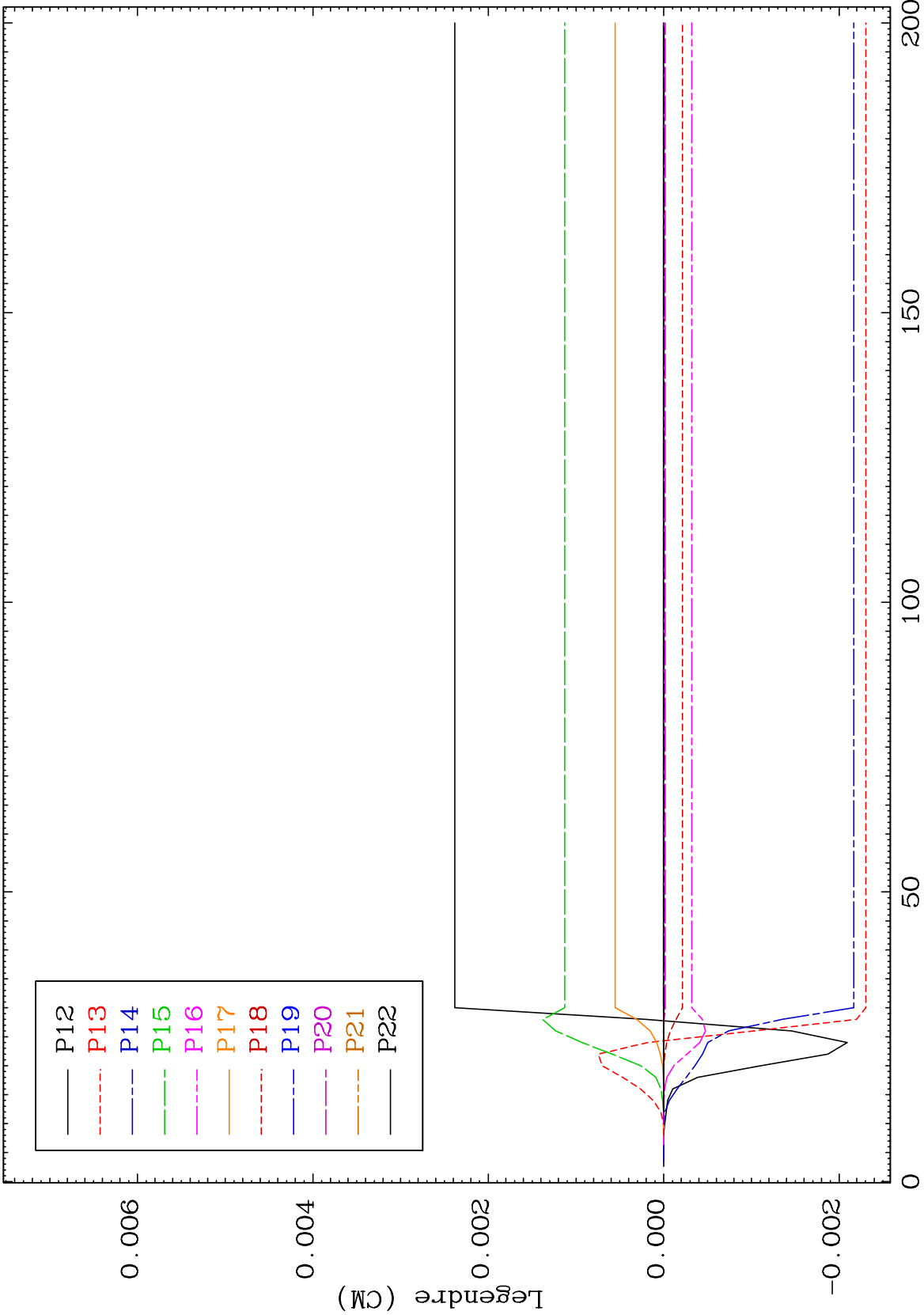




MAT 7052

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

70-Yb-177



92

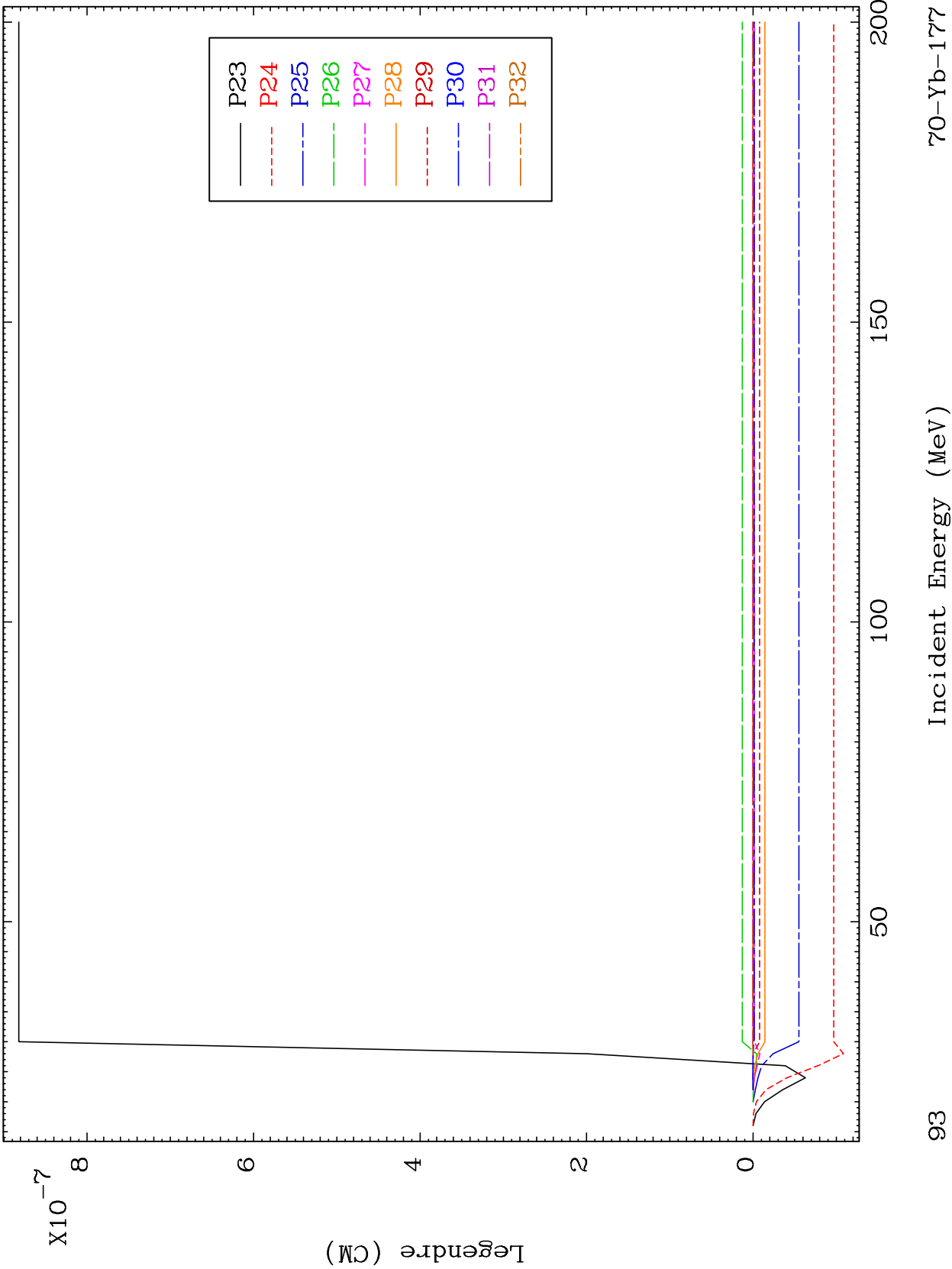
Incident Energy (MeV)

70-Yb-177

MAT 7052

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

70-Yb-177



93

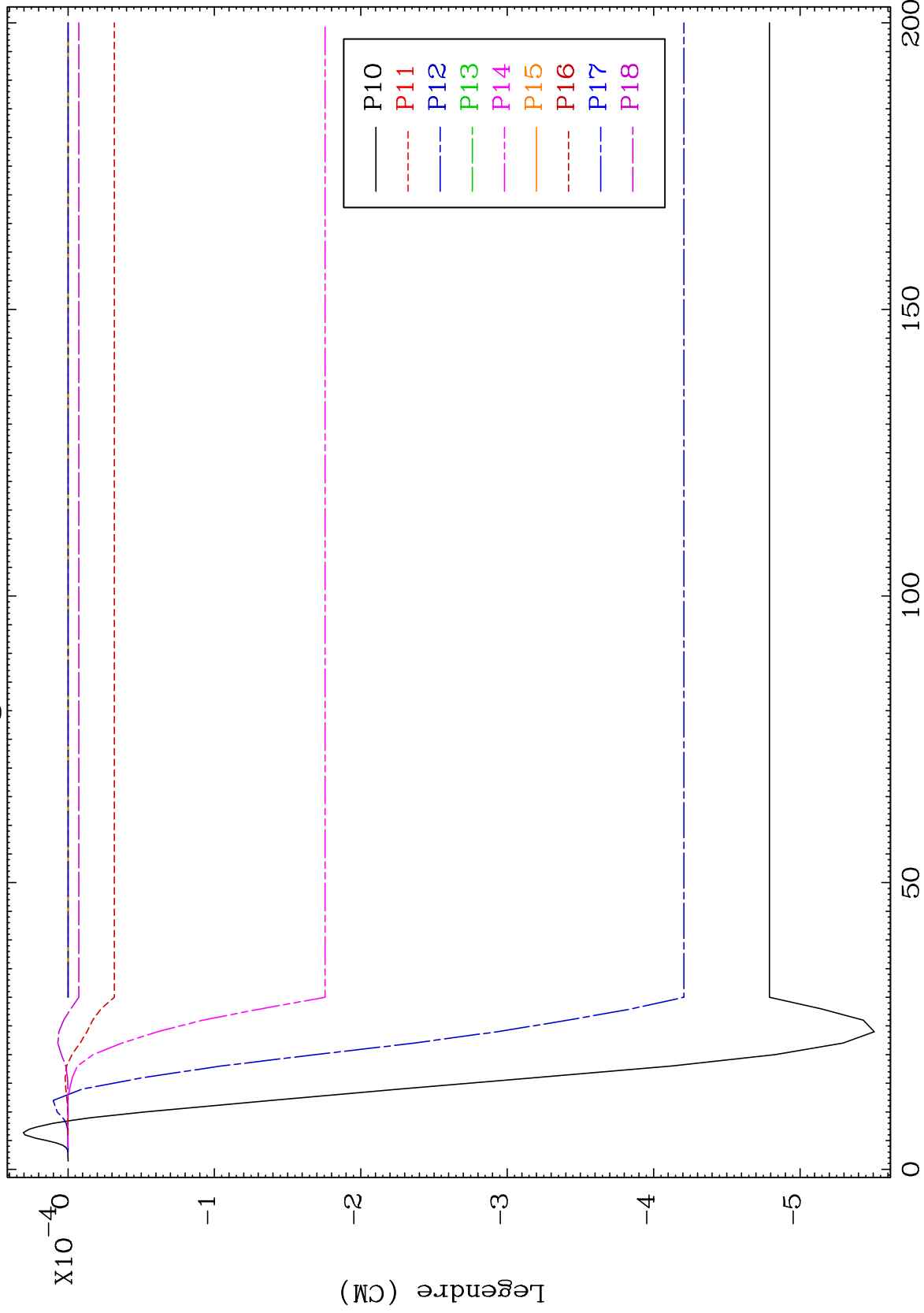
Incident Energy (MeV)

70-Yb-177

MAT 7052

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

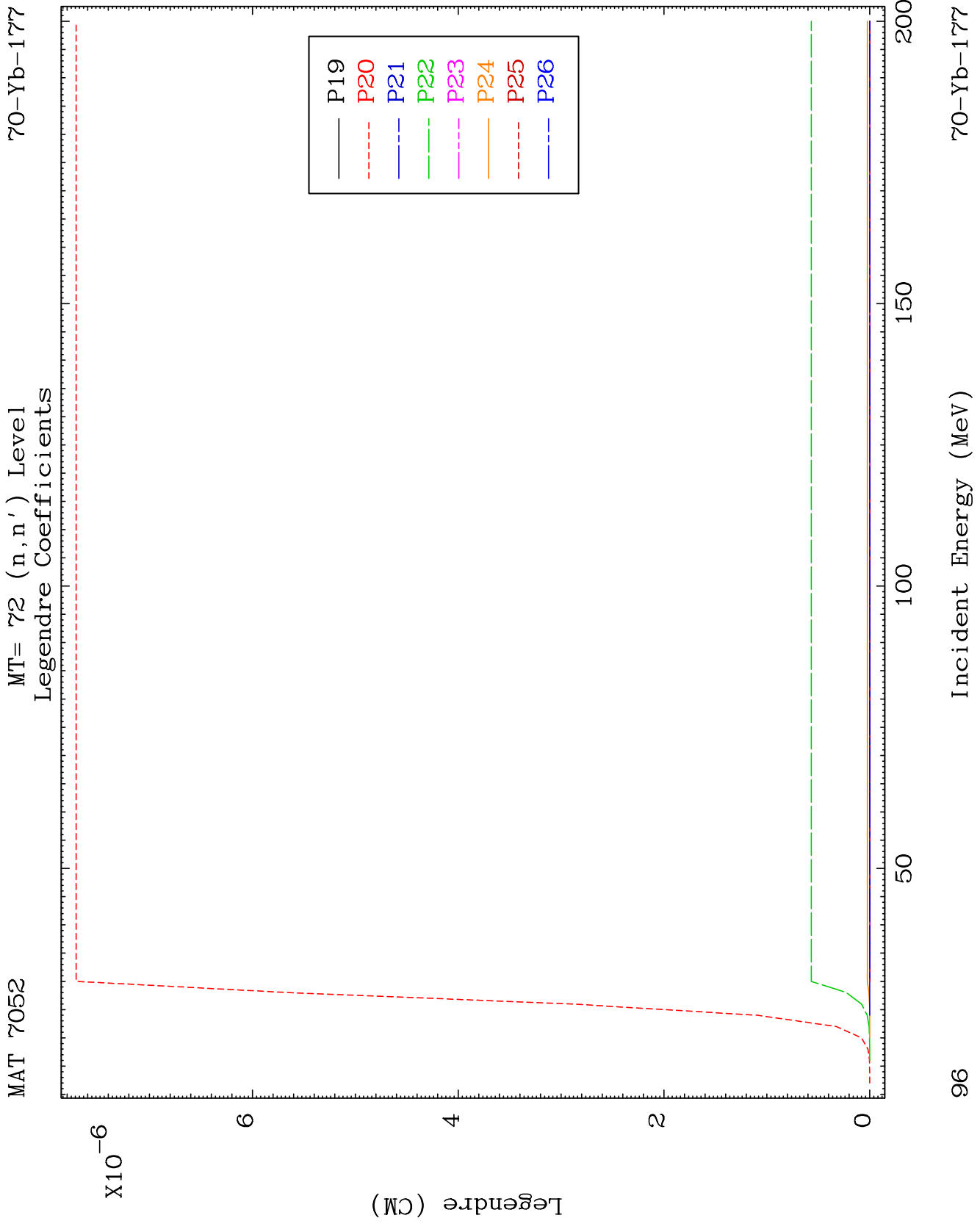
70-Yb-177



95

Incident Energy (MeV)

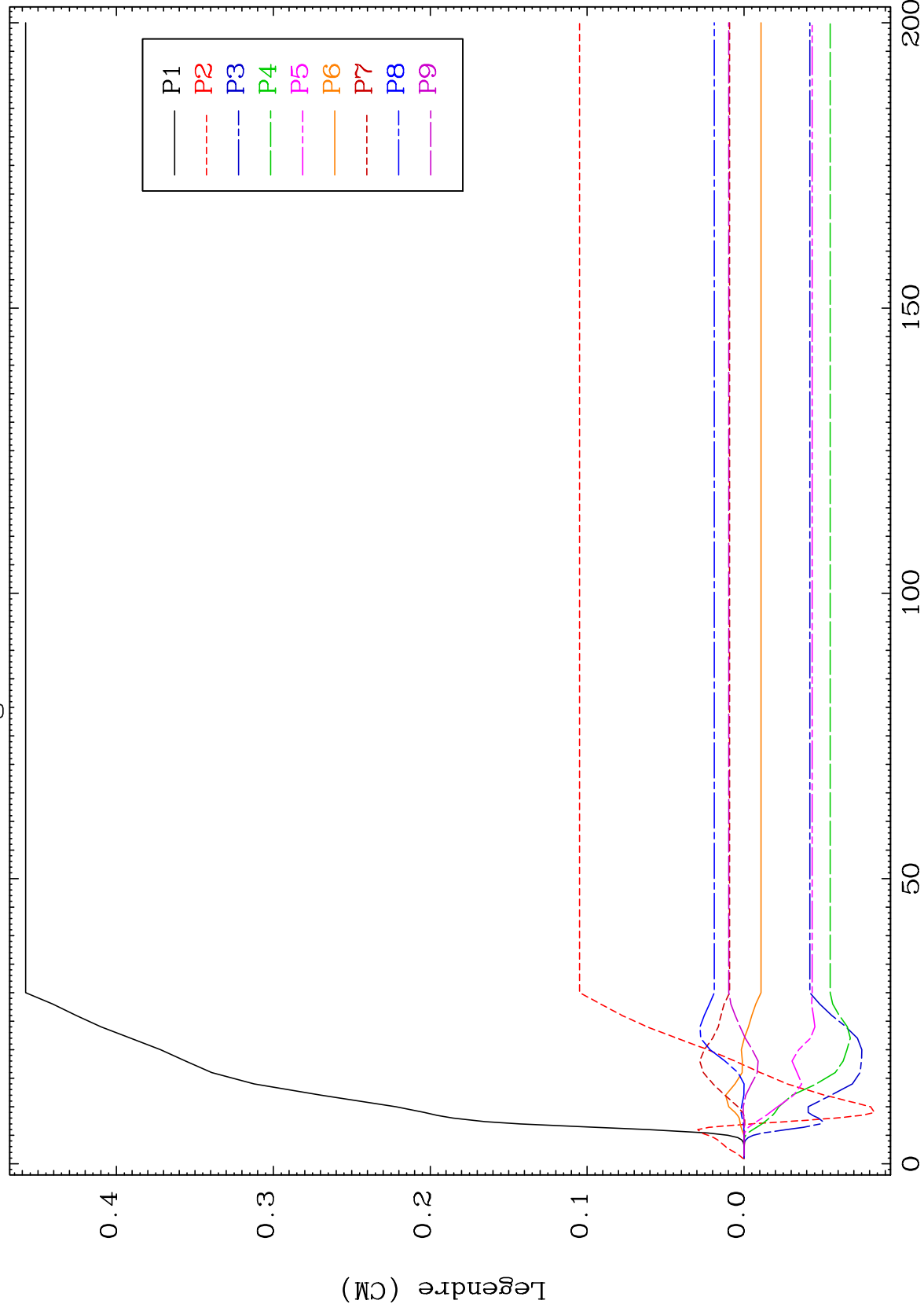
70-Yb-177



MAT 7052

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

70-Yb-177



97

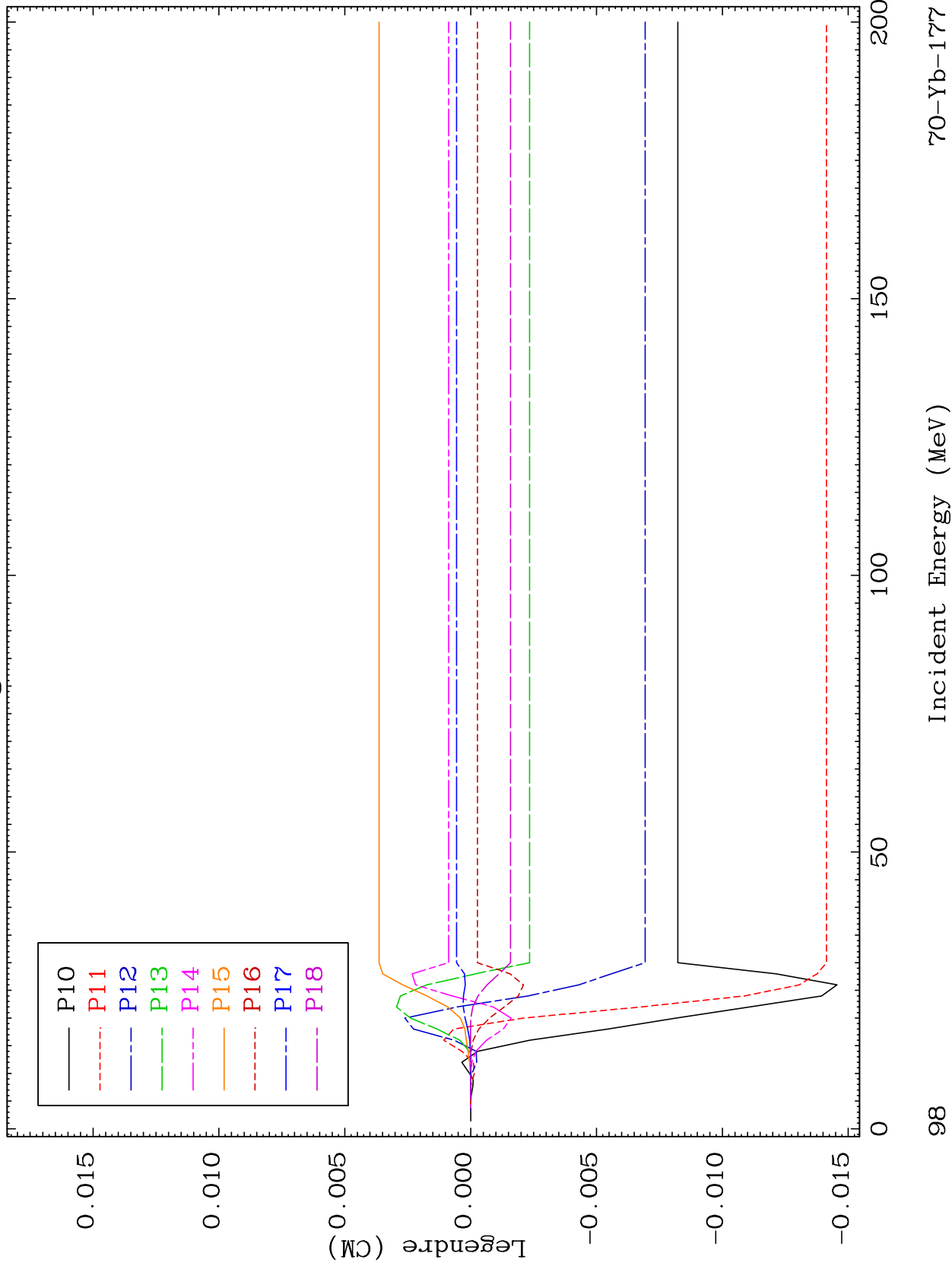
Incident Energy (MeV)

70-Yb-177

MAT 7052

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

70-Yb-177



98

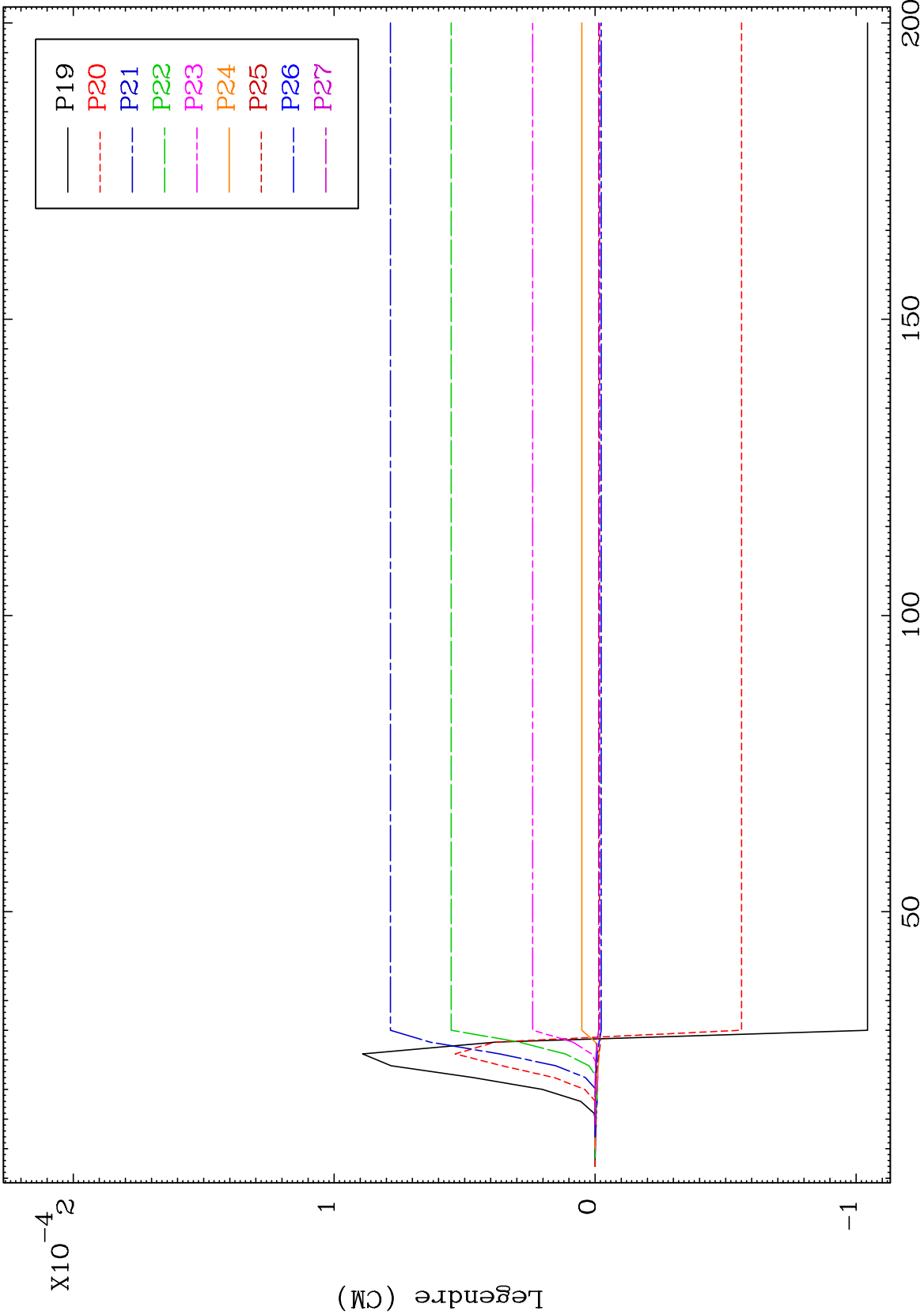
Incident Energy (MeV)

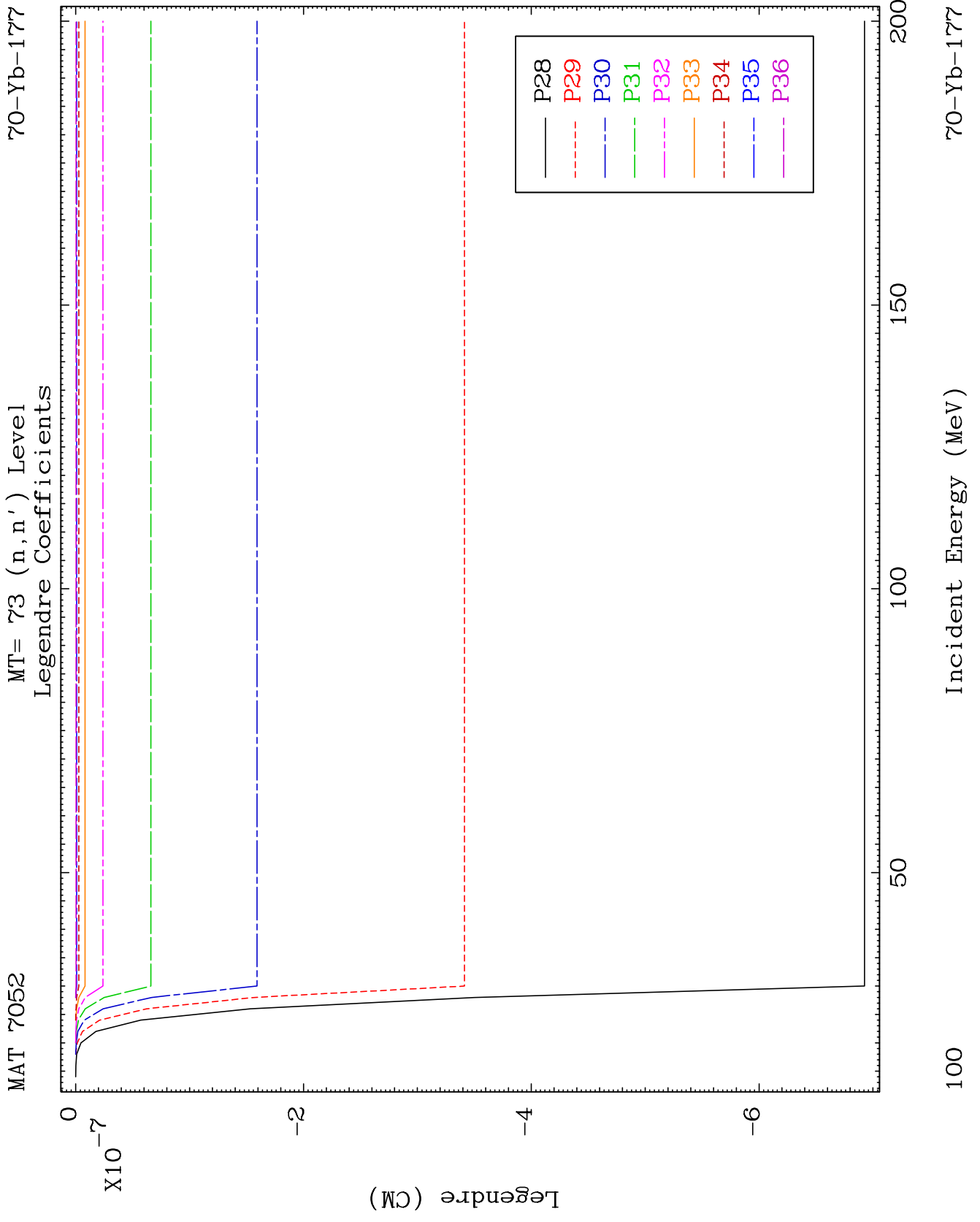
70-Yb-177

MAT 7052

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

70-Yb-177

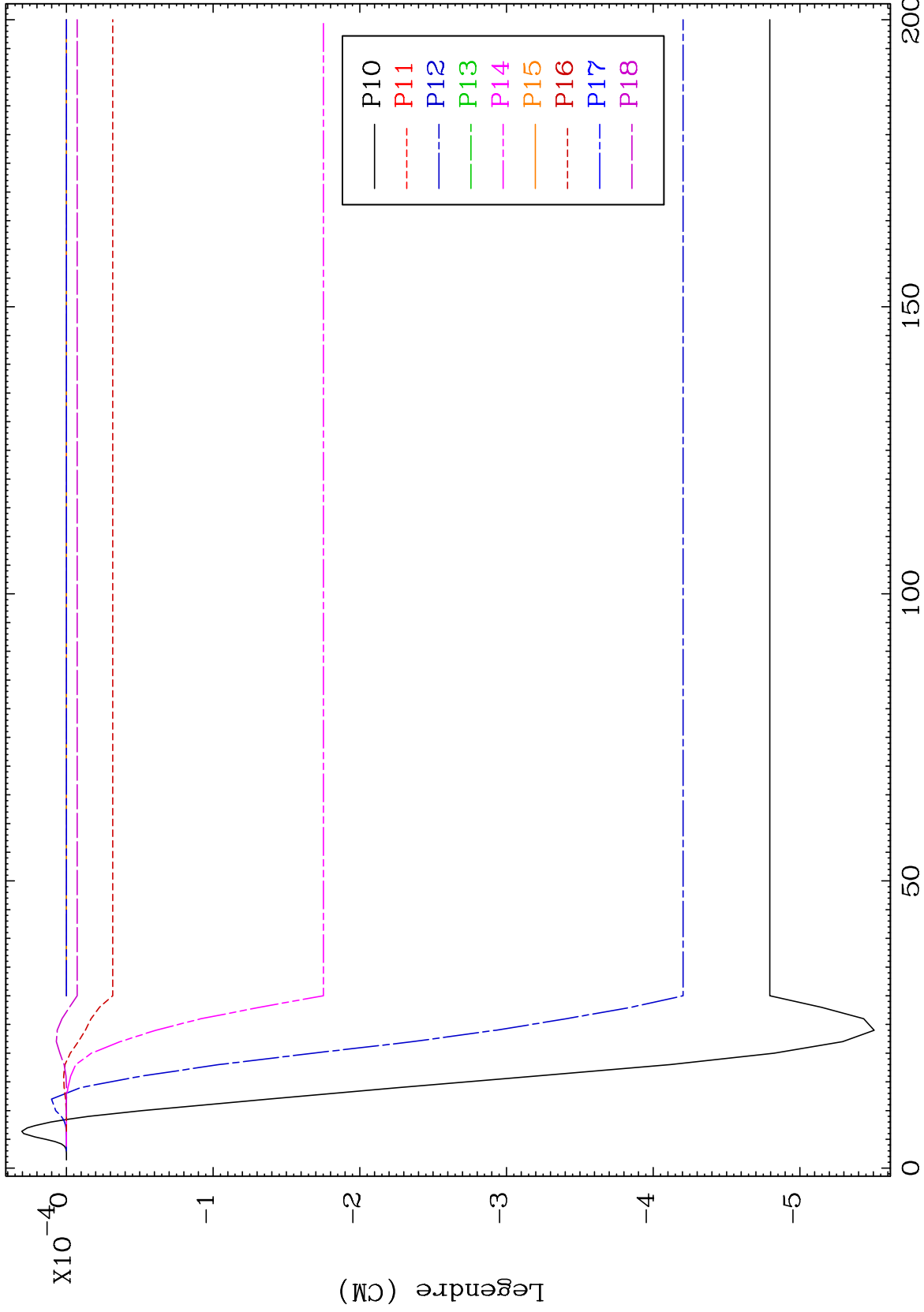




MAT 7052

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

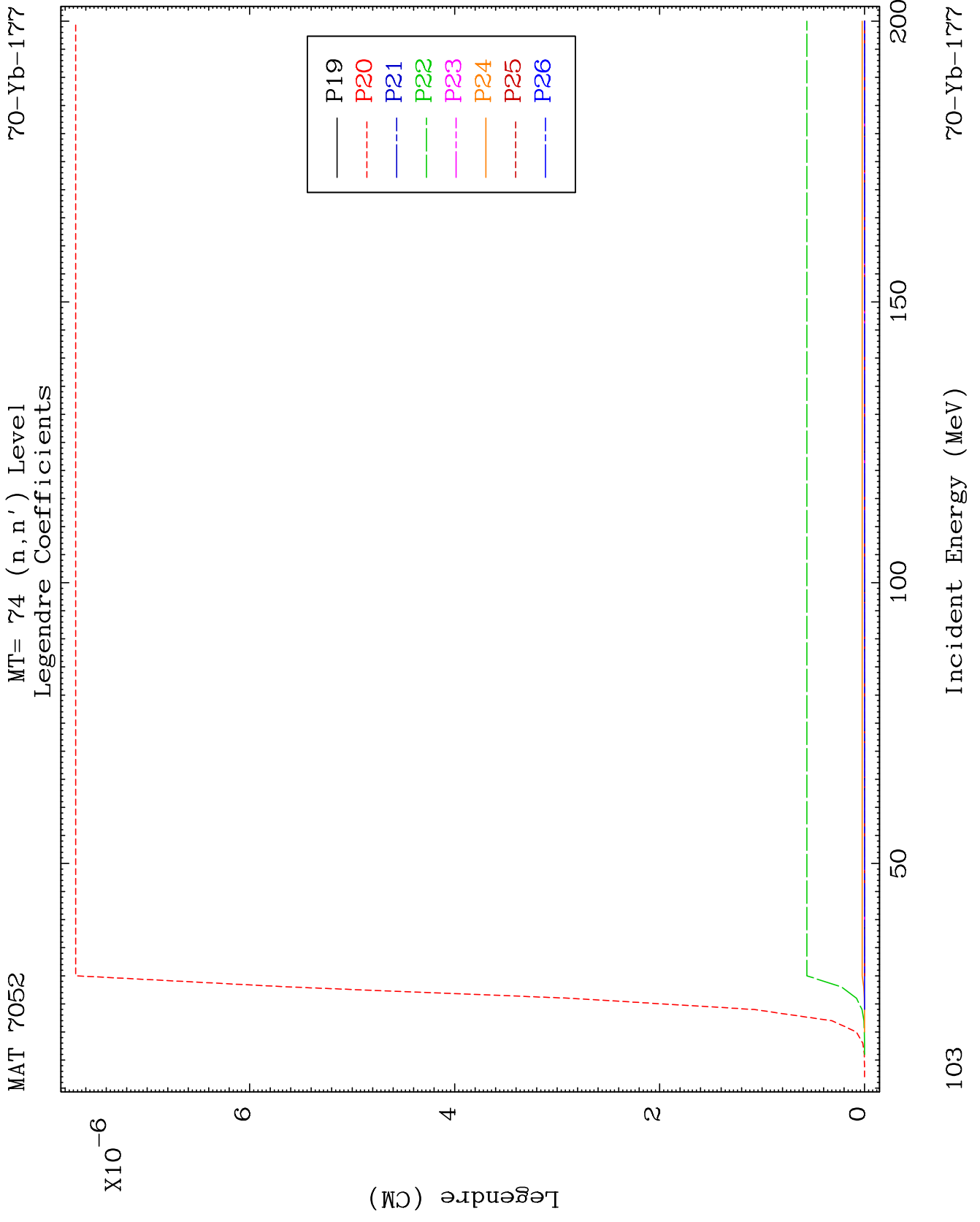
70-Yb-177

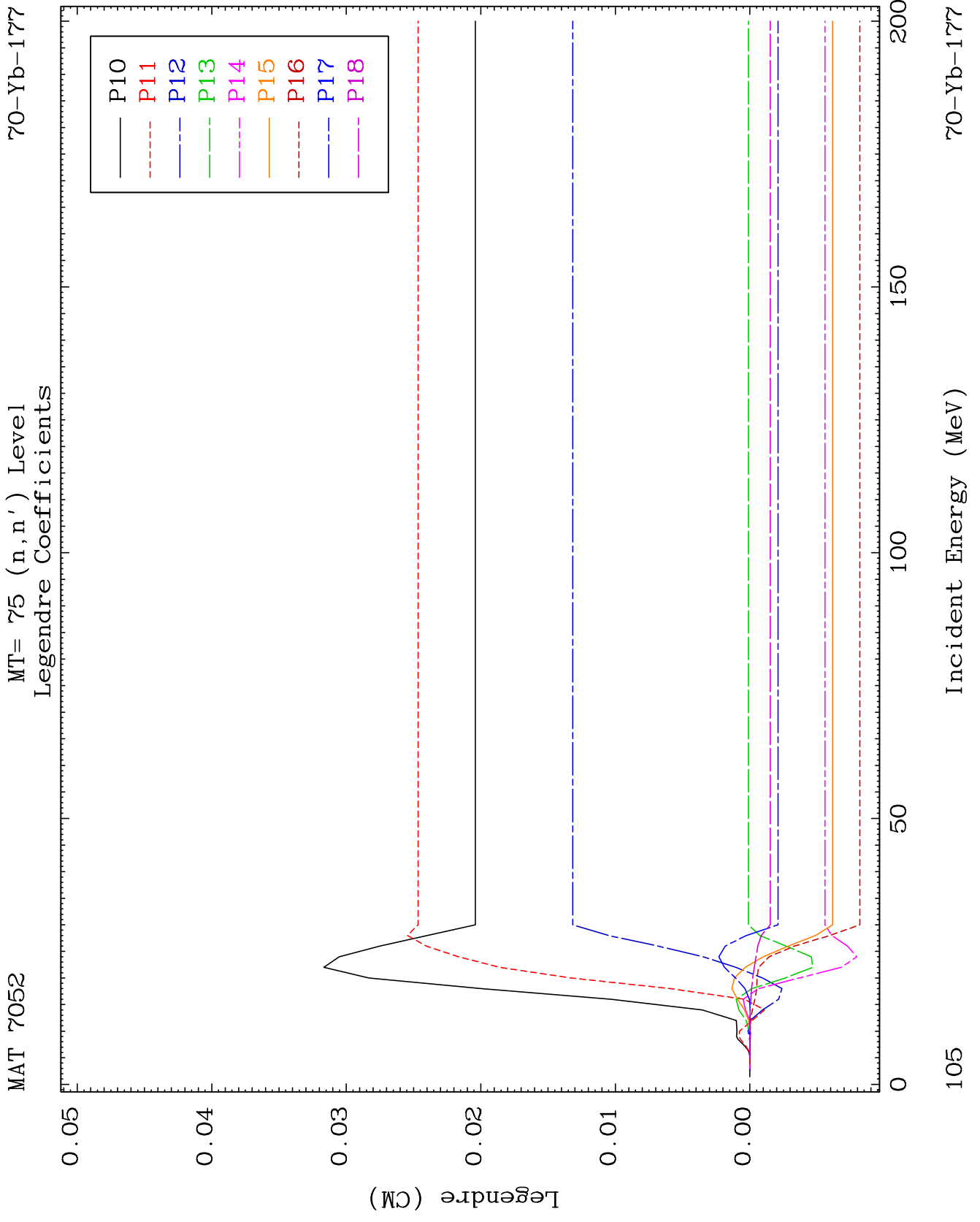


102

Incident Energy (MeV)

70-Yb-177

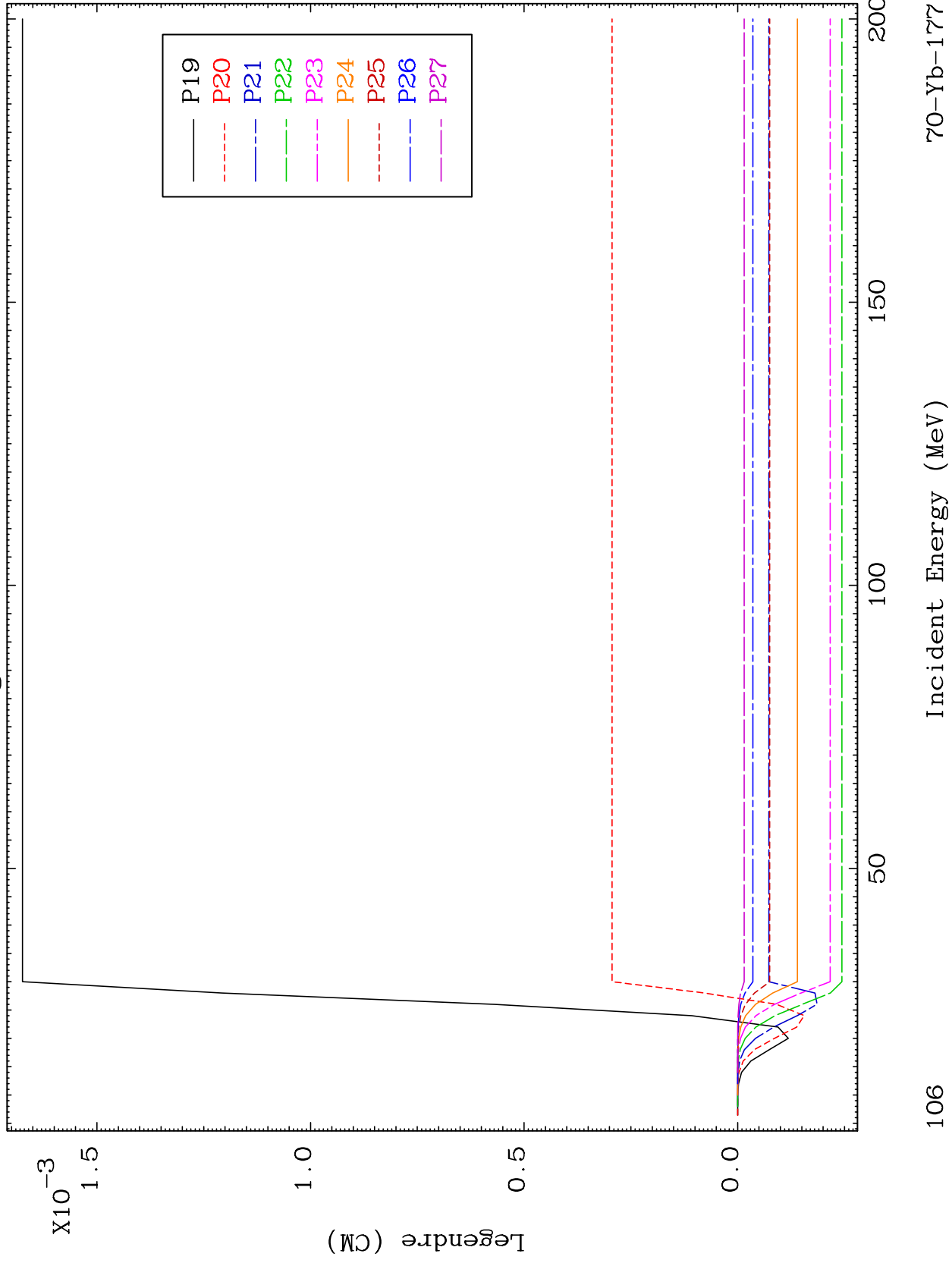




MAT 7052

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

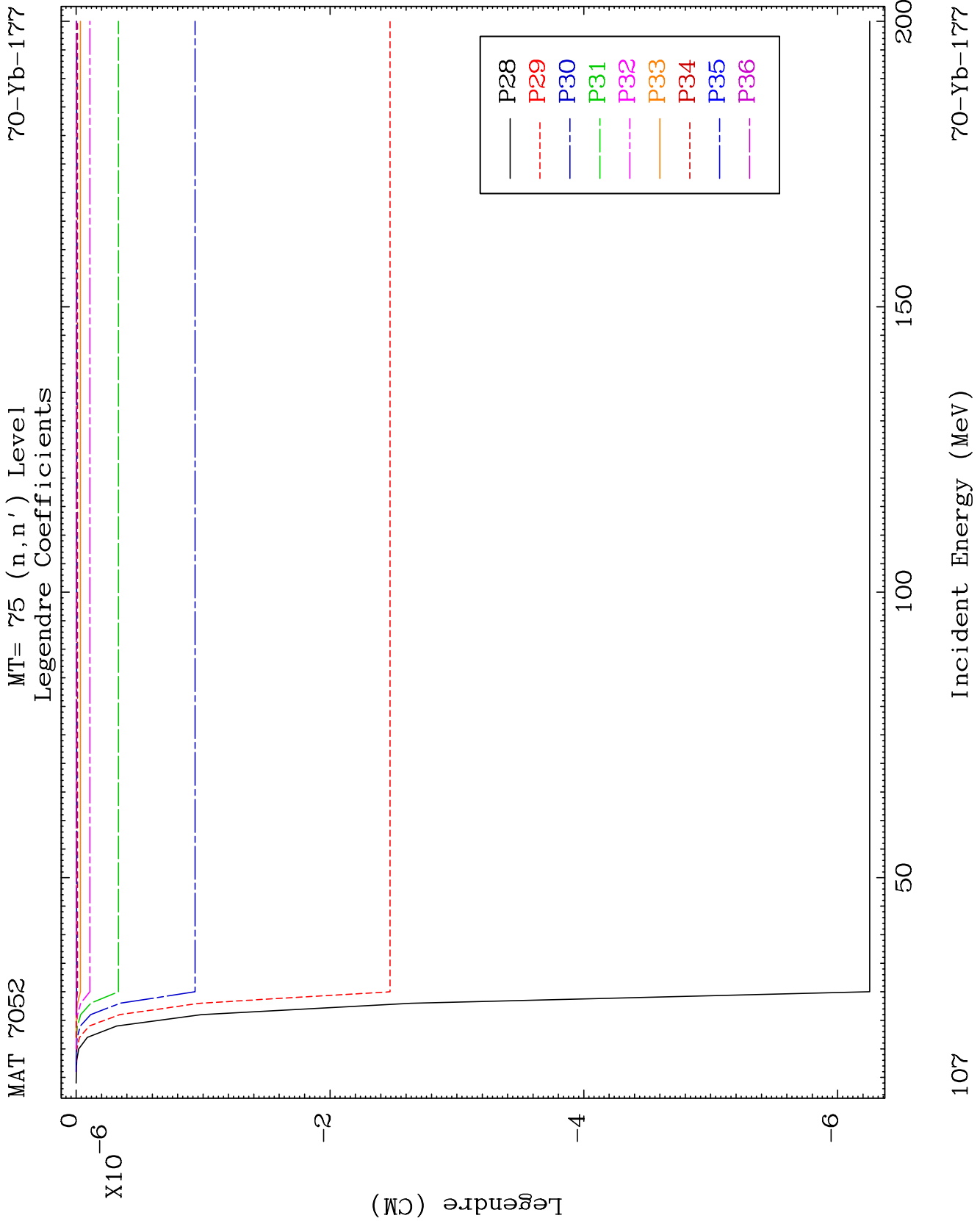
70-Yb-177

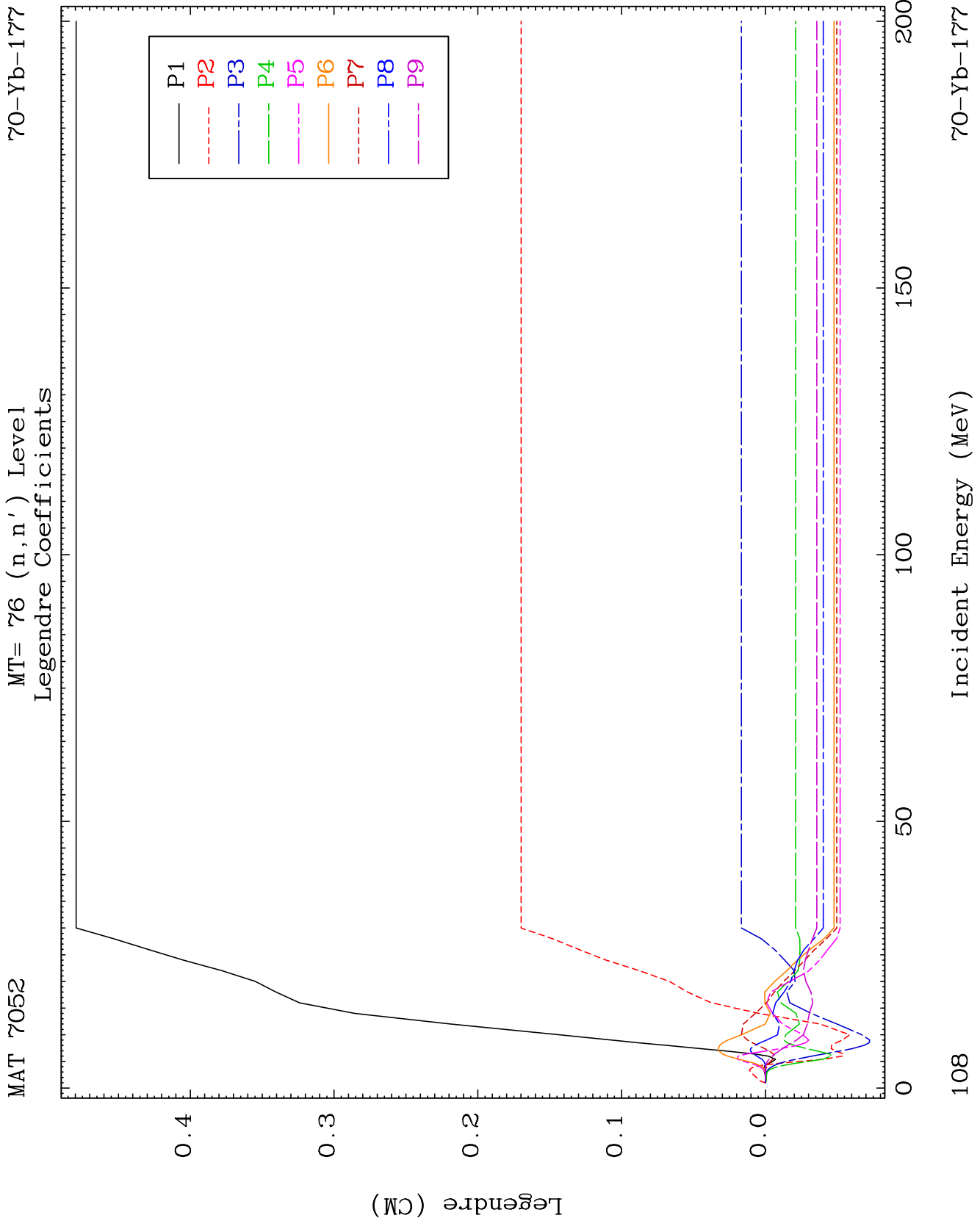


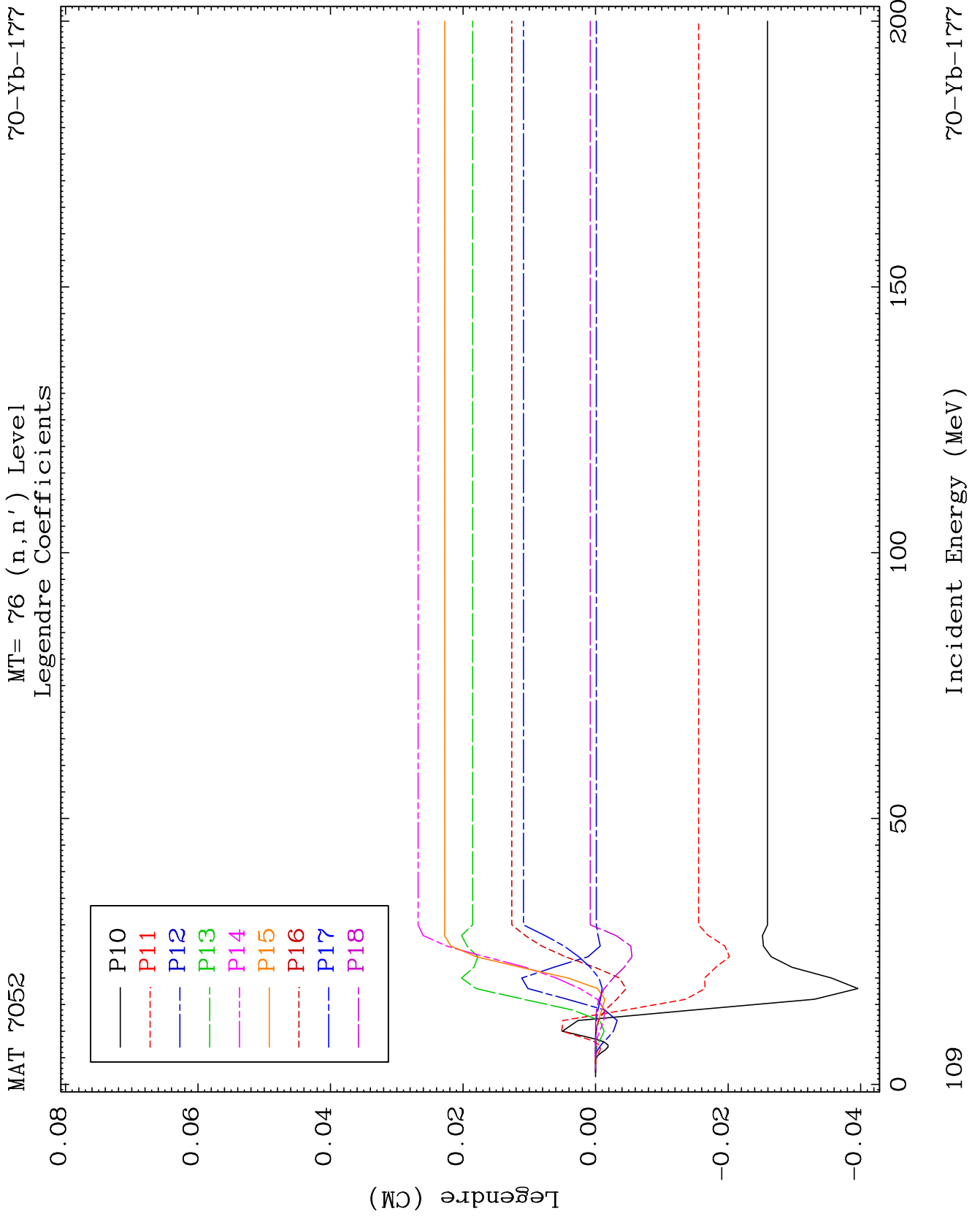
106

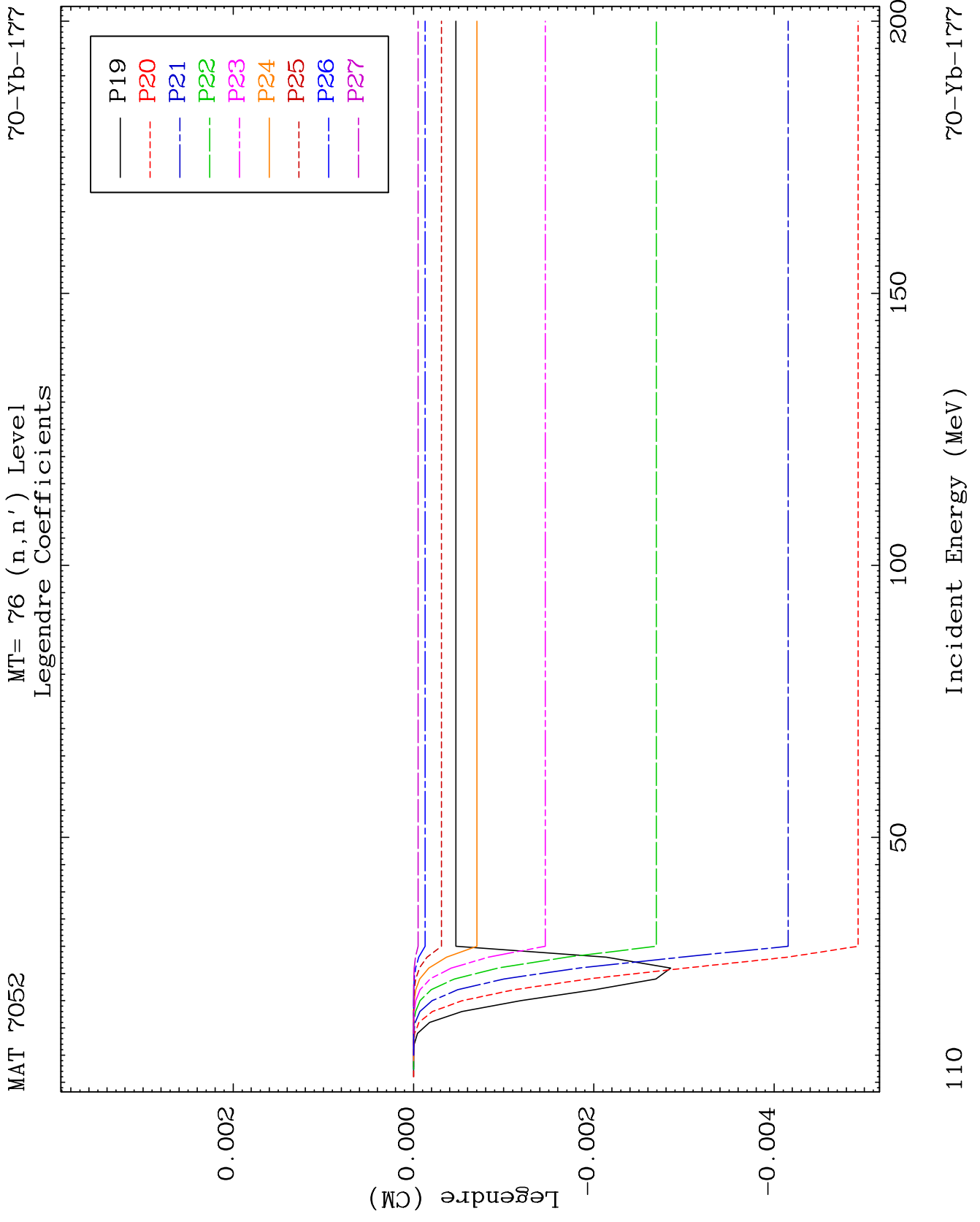
Incident Energy (MeV)

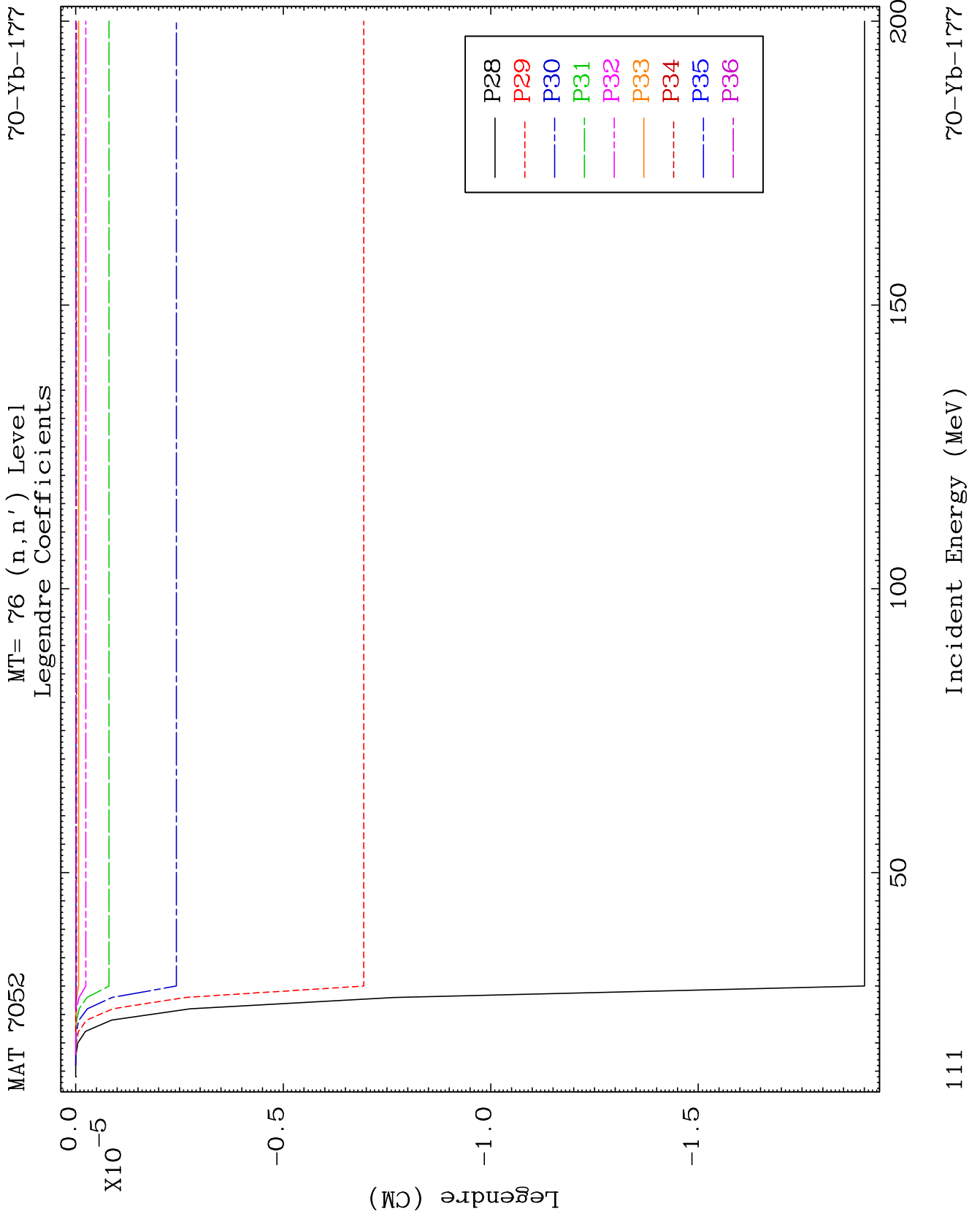
70-Yb-177







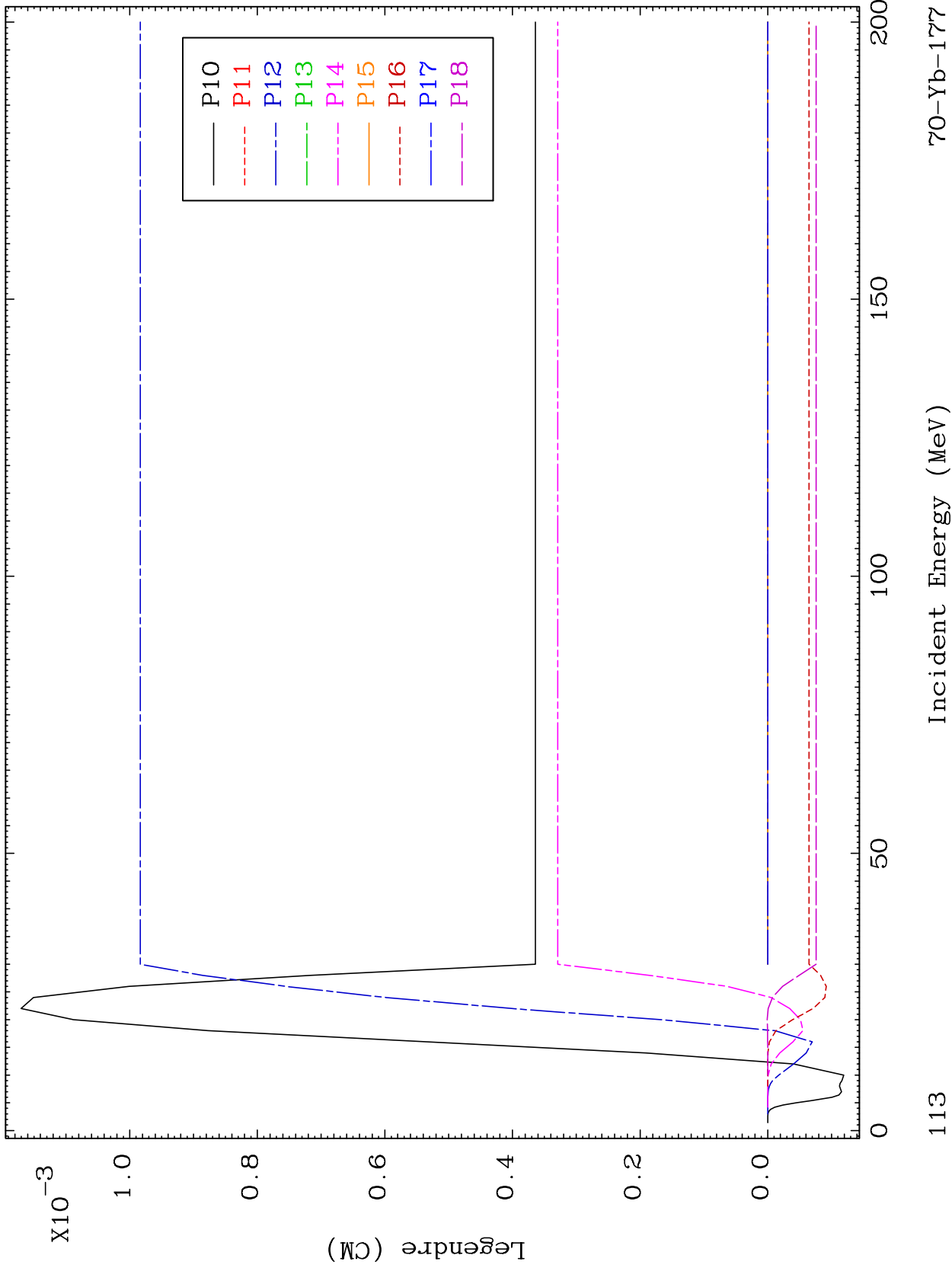




MAT 7052

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

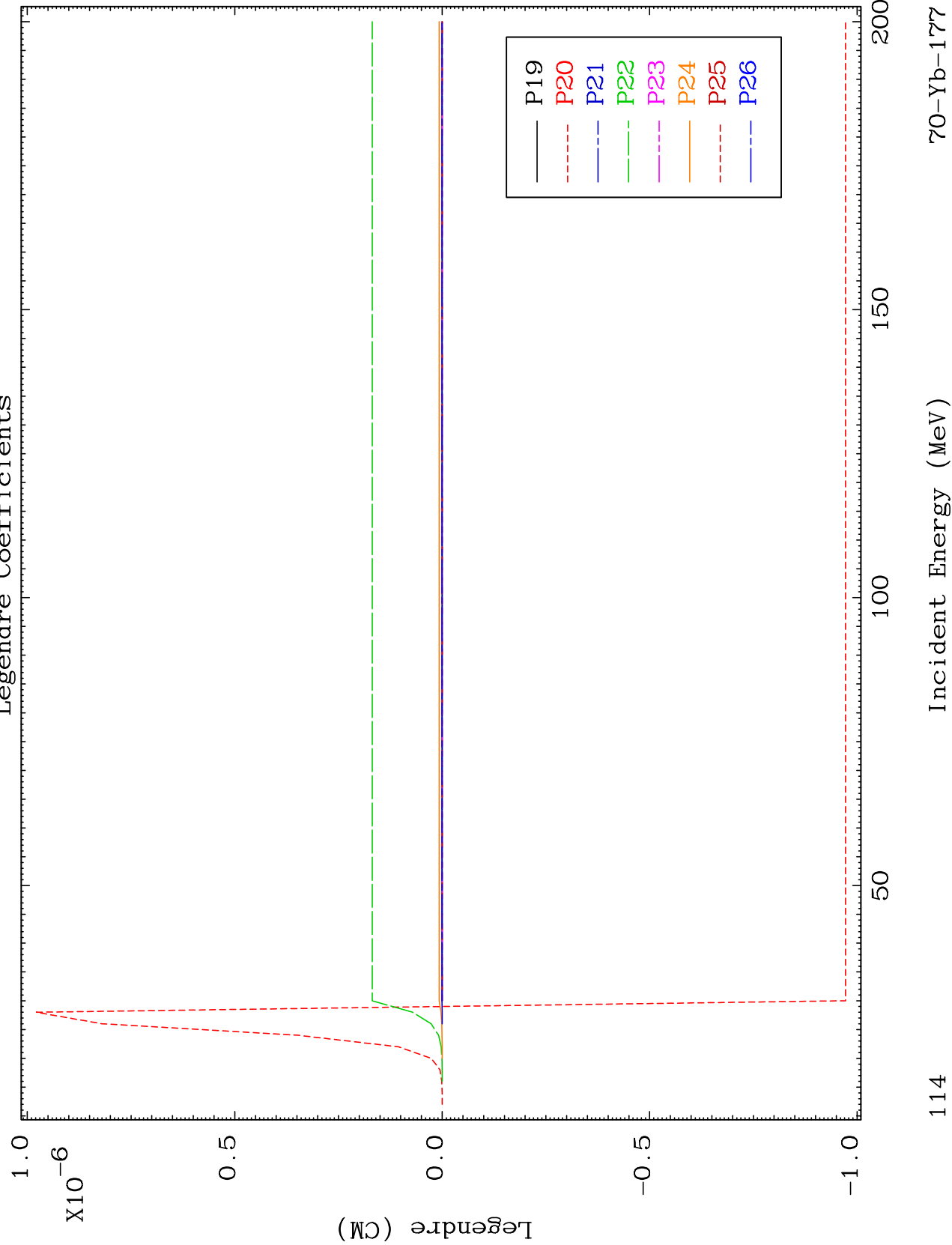
70-Yb-177



MAT 7052

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

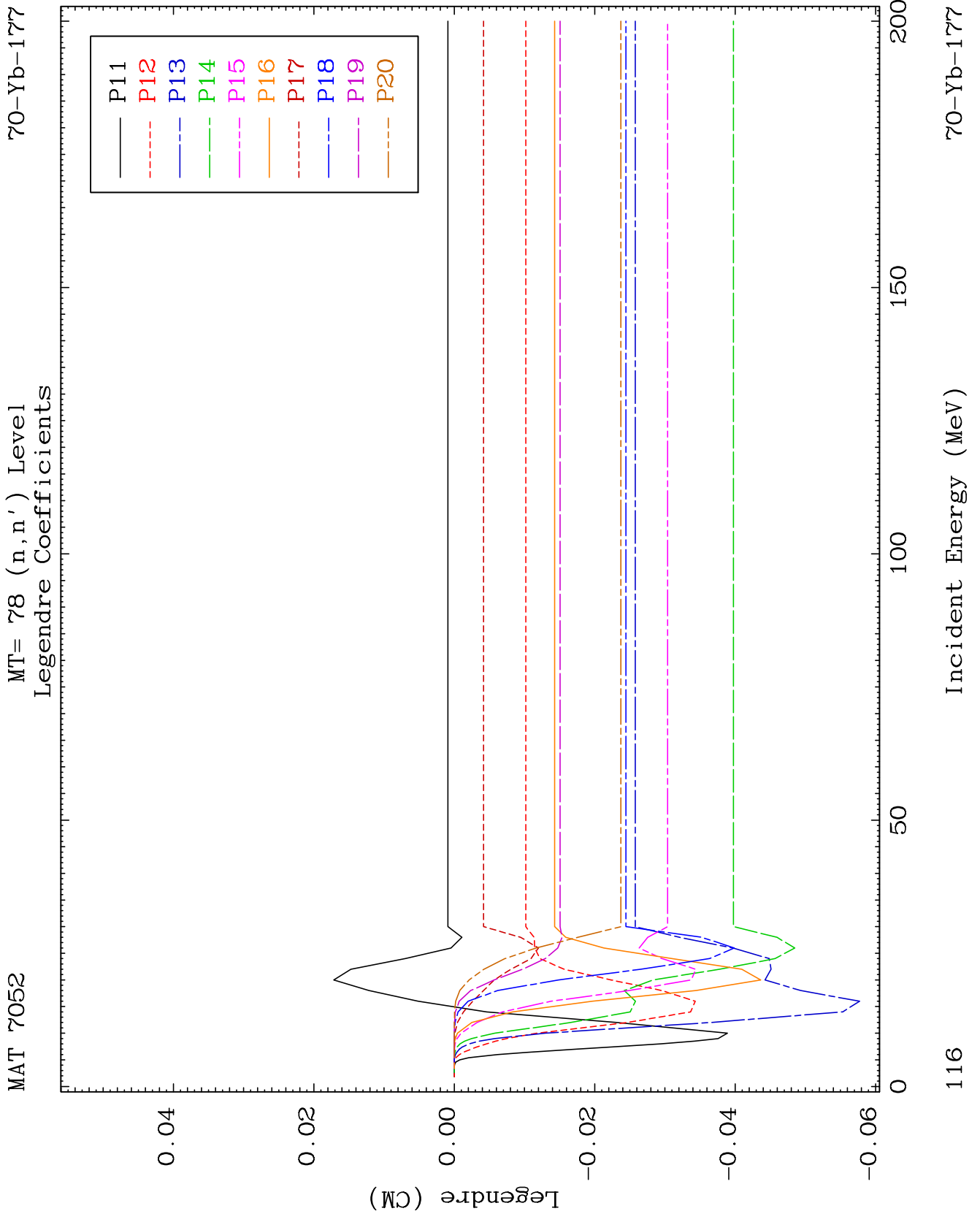
70-Yb-177

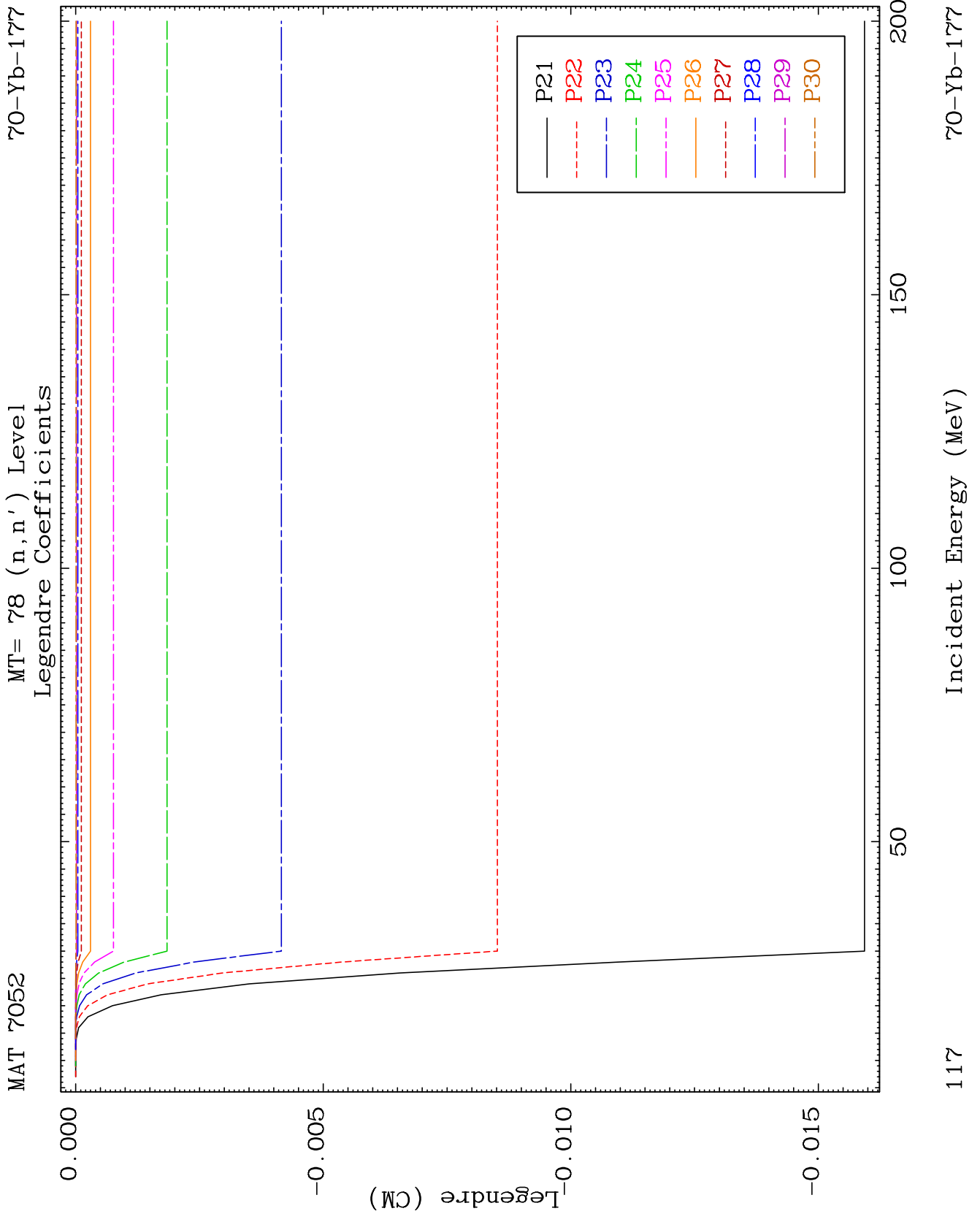


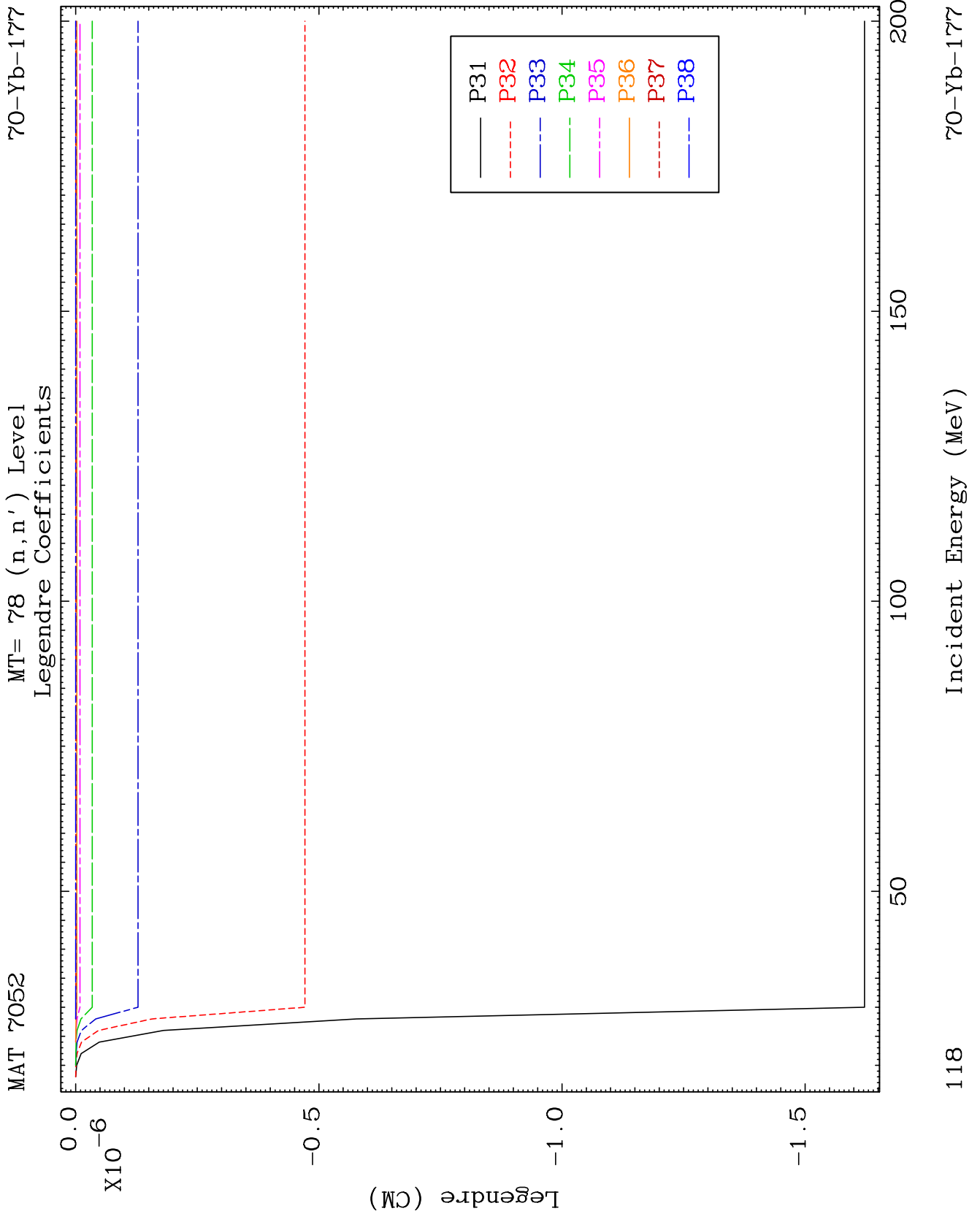
114

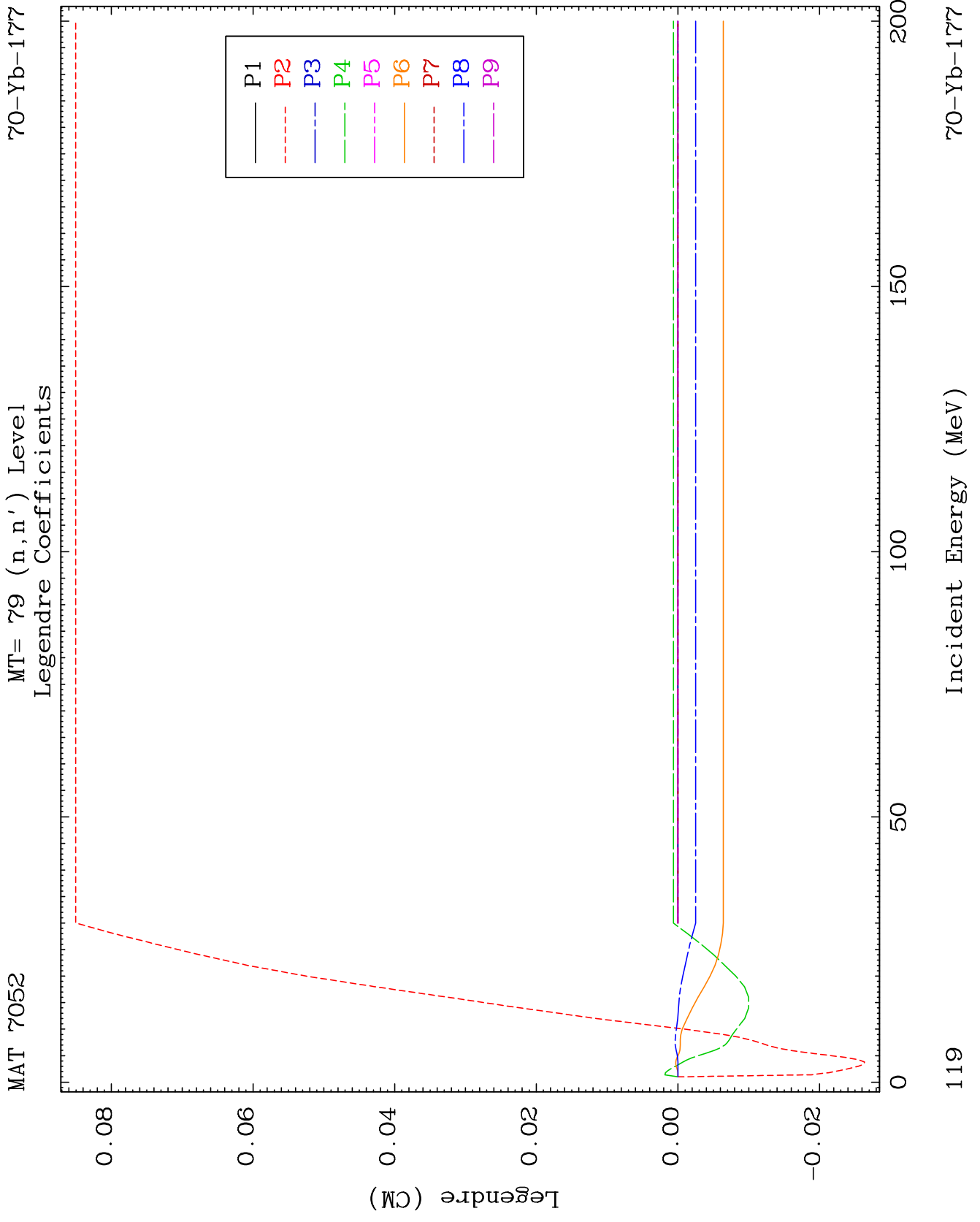
Incident Energy (MeV)

70-Yb-177





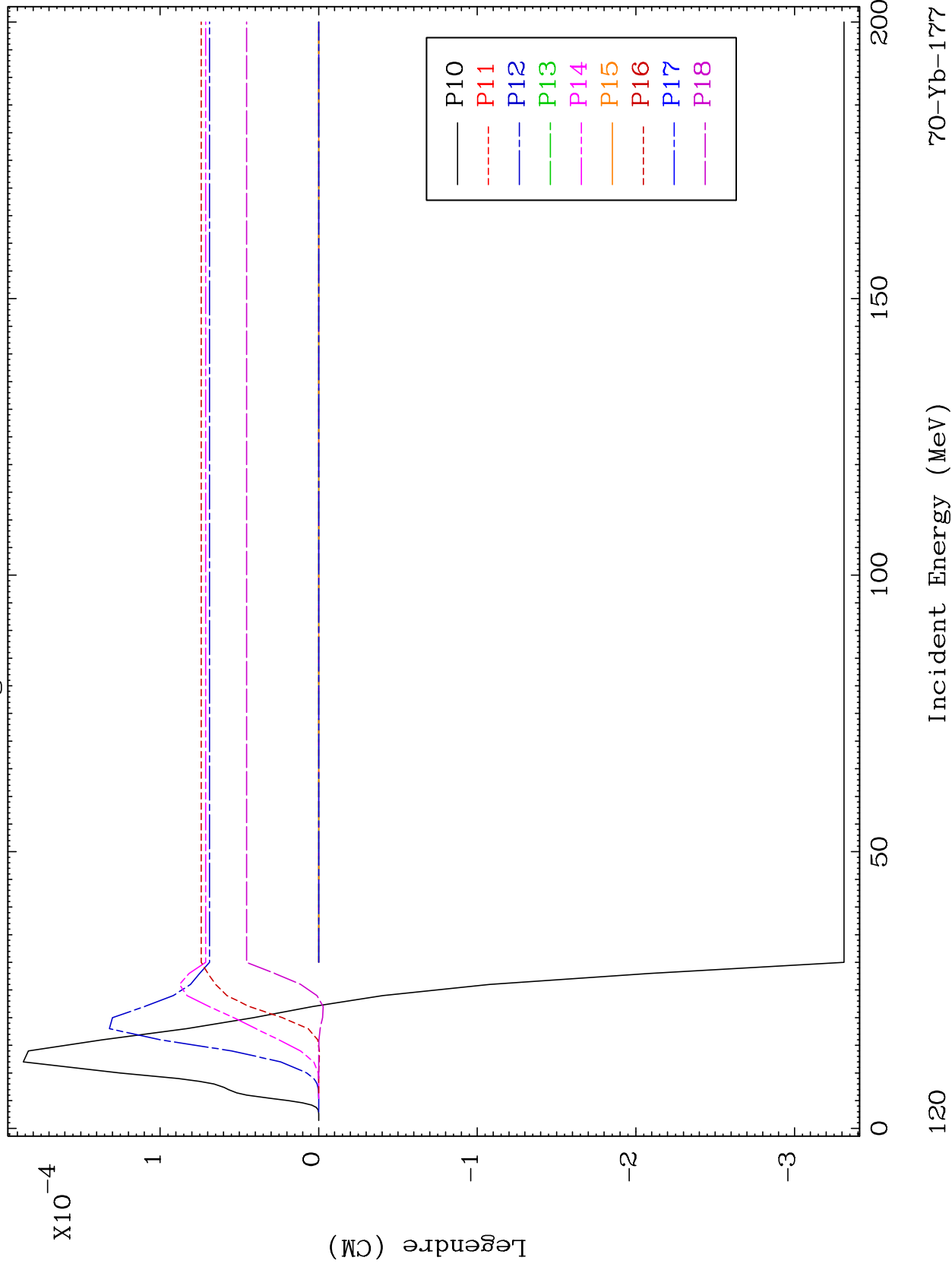




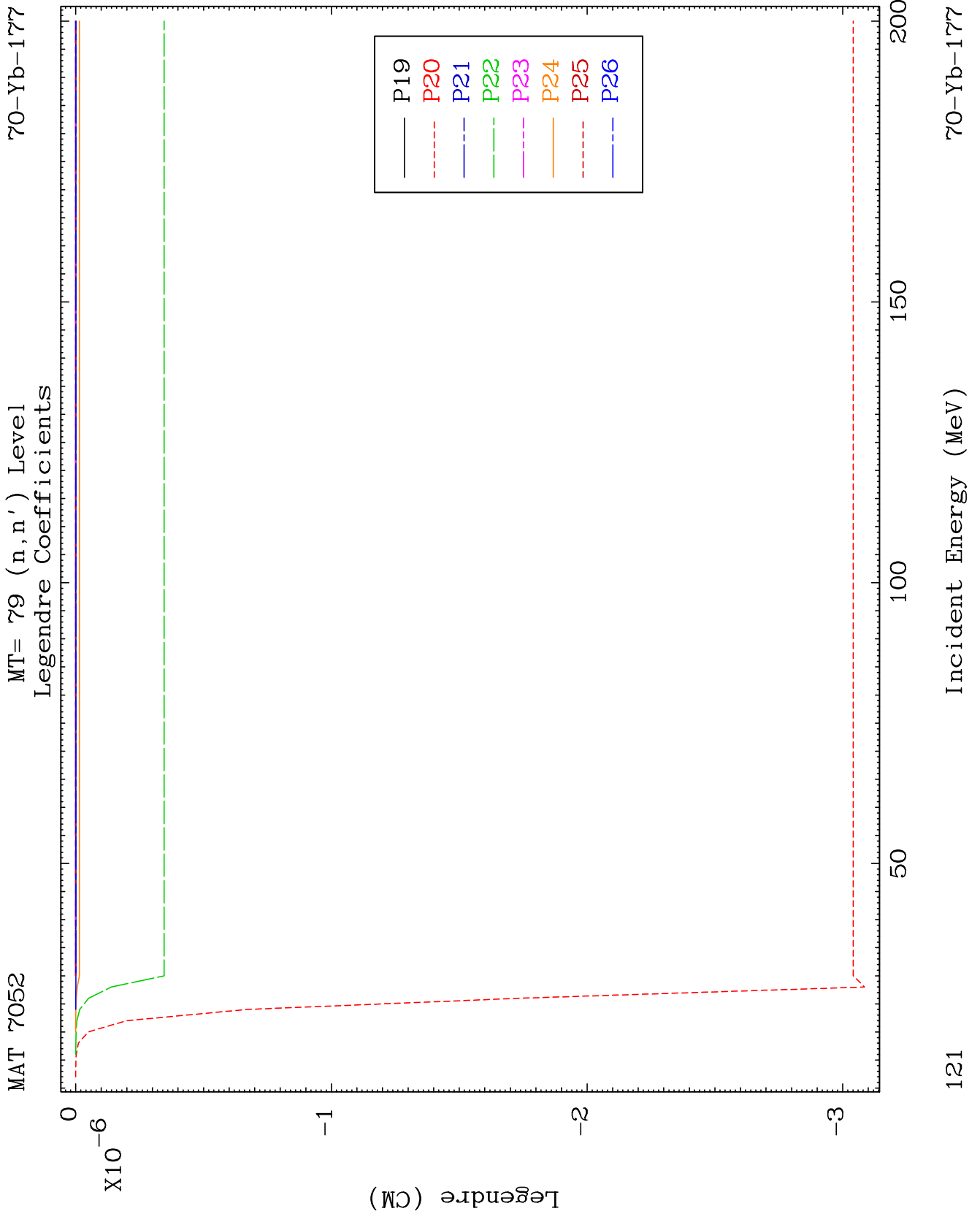
MAT 7052

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

70-Yb-177



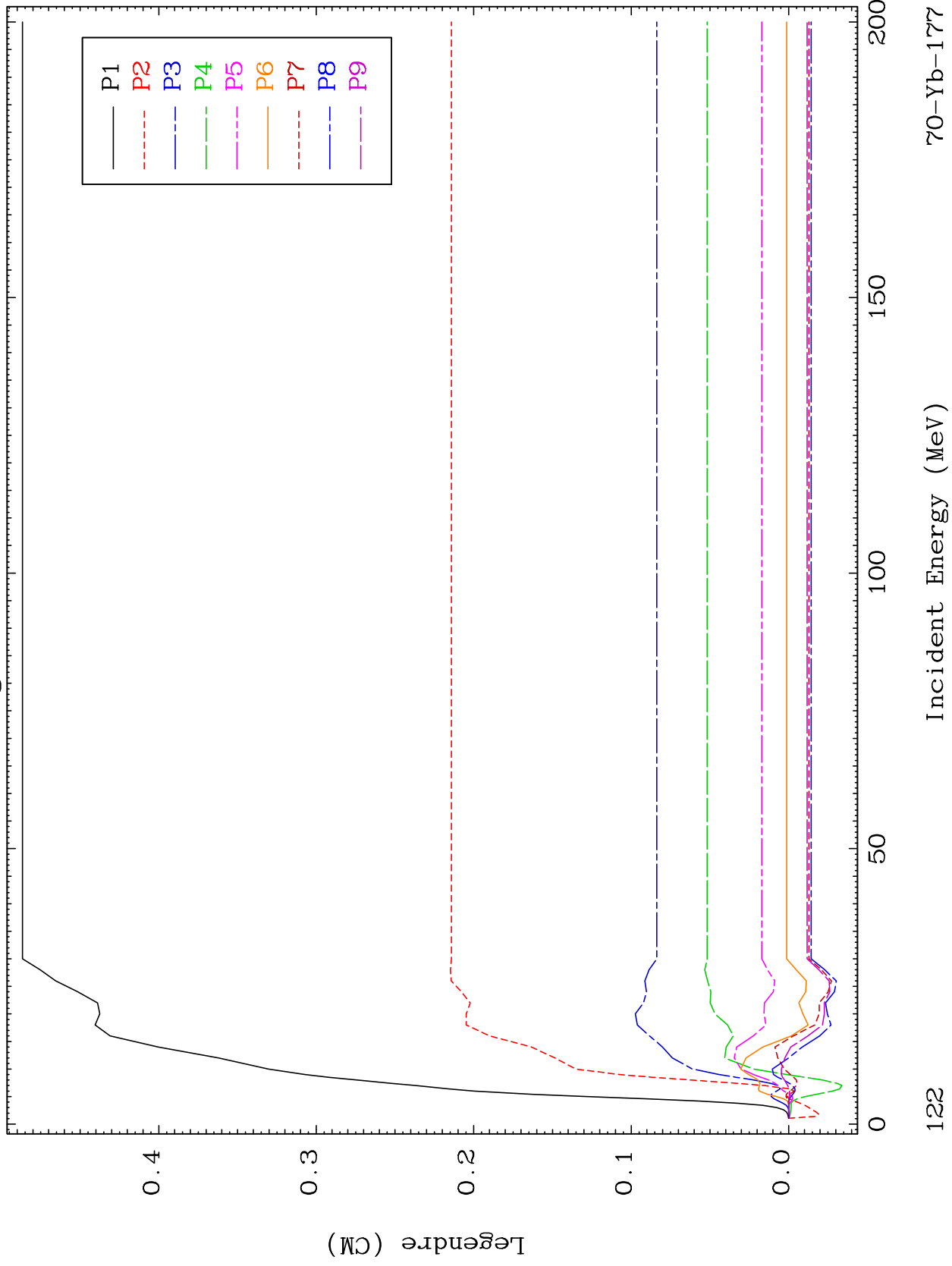
70-Yb-177



MAT 7052

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

70-Yb-177



122

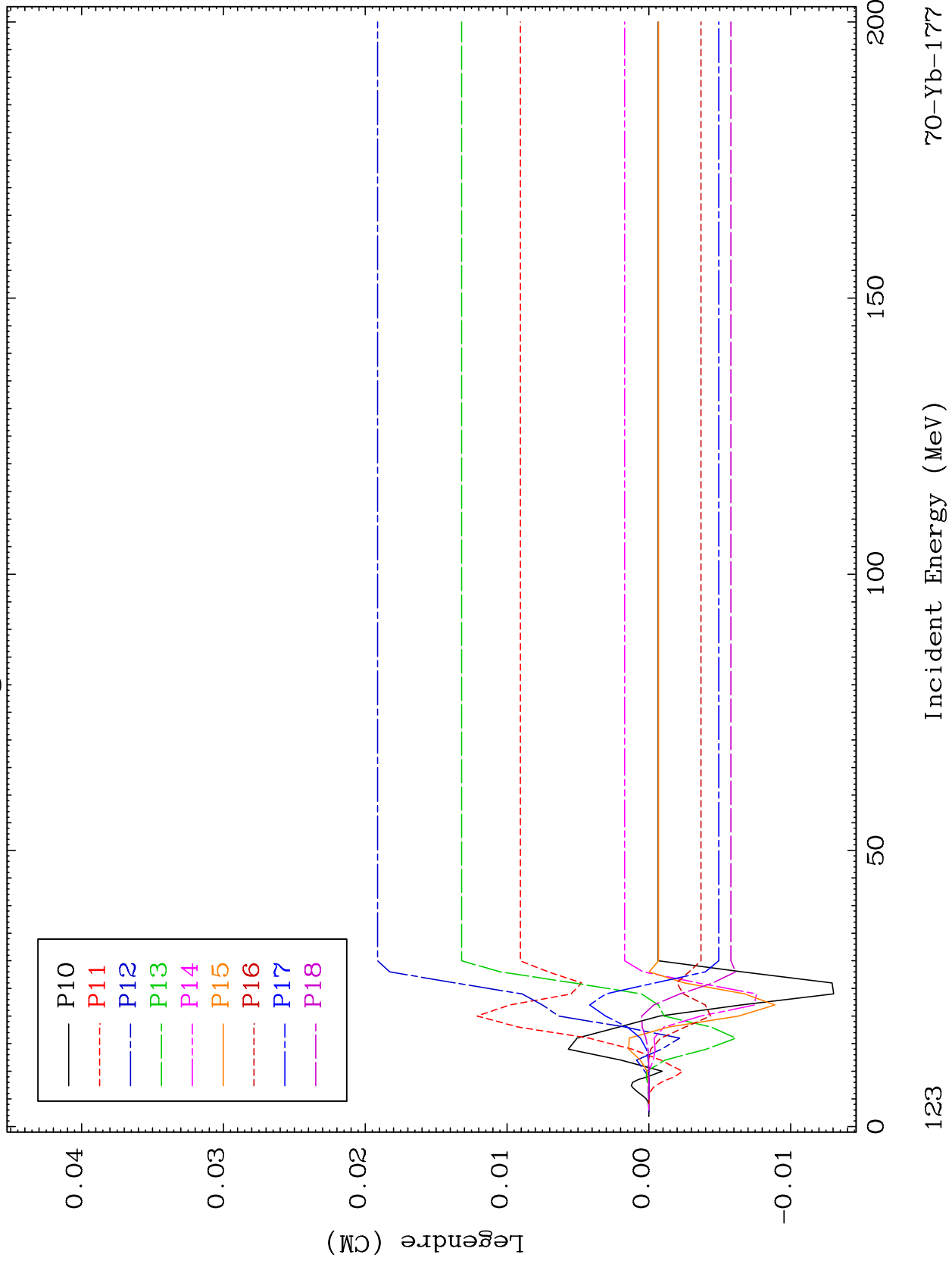
Incident Energy (MeV)

70-Yb-177

MAT 7052

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

70-Yb-177



123

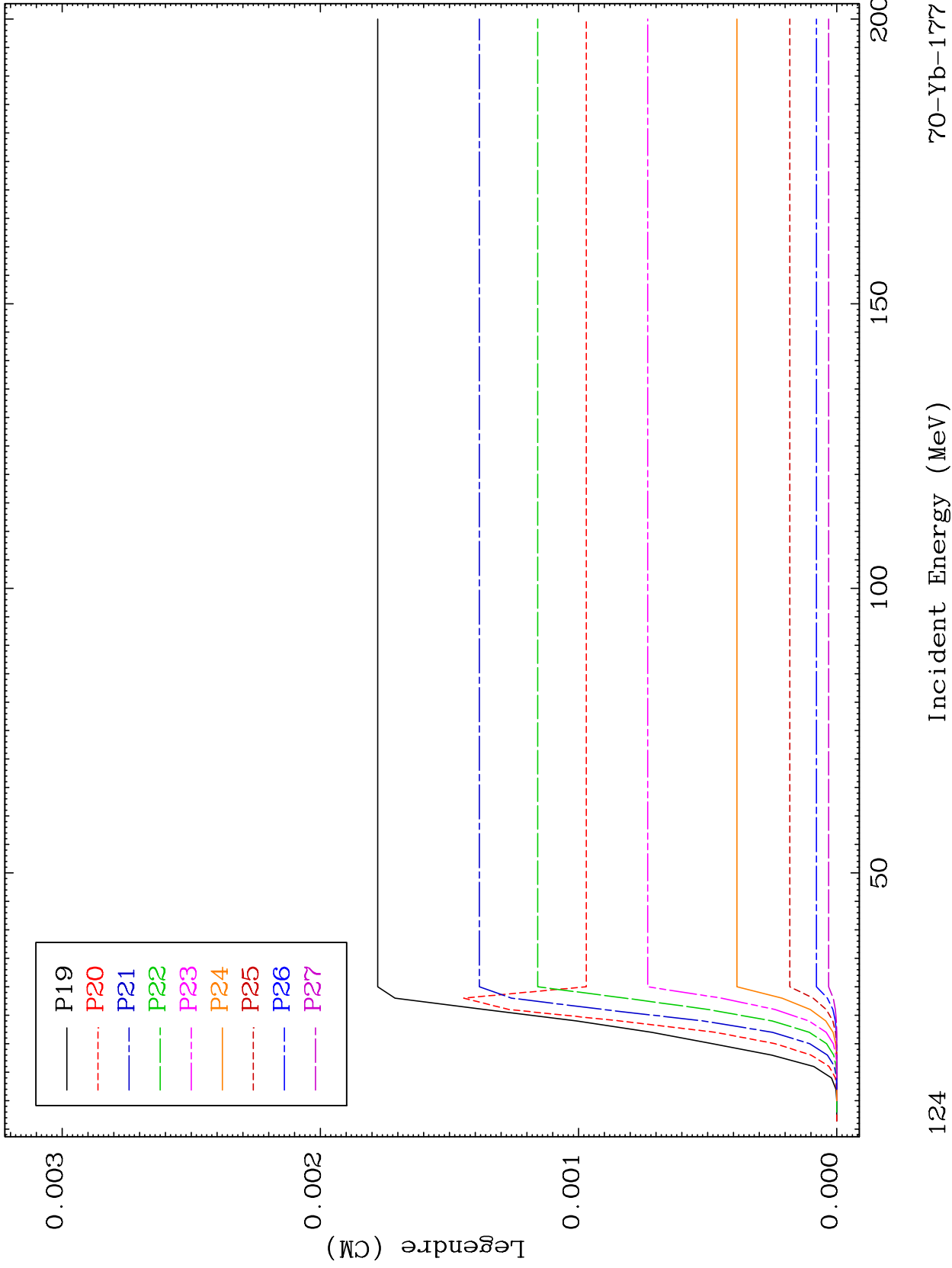
Incident Energy (MeV)

70-Yb-177

MAT 7052

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

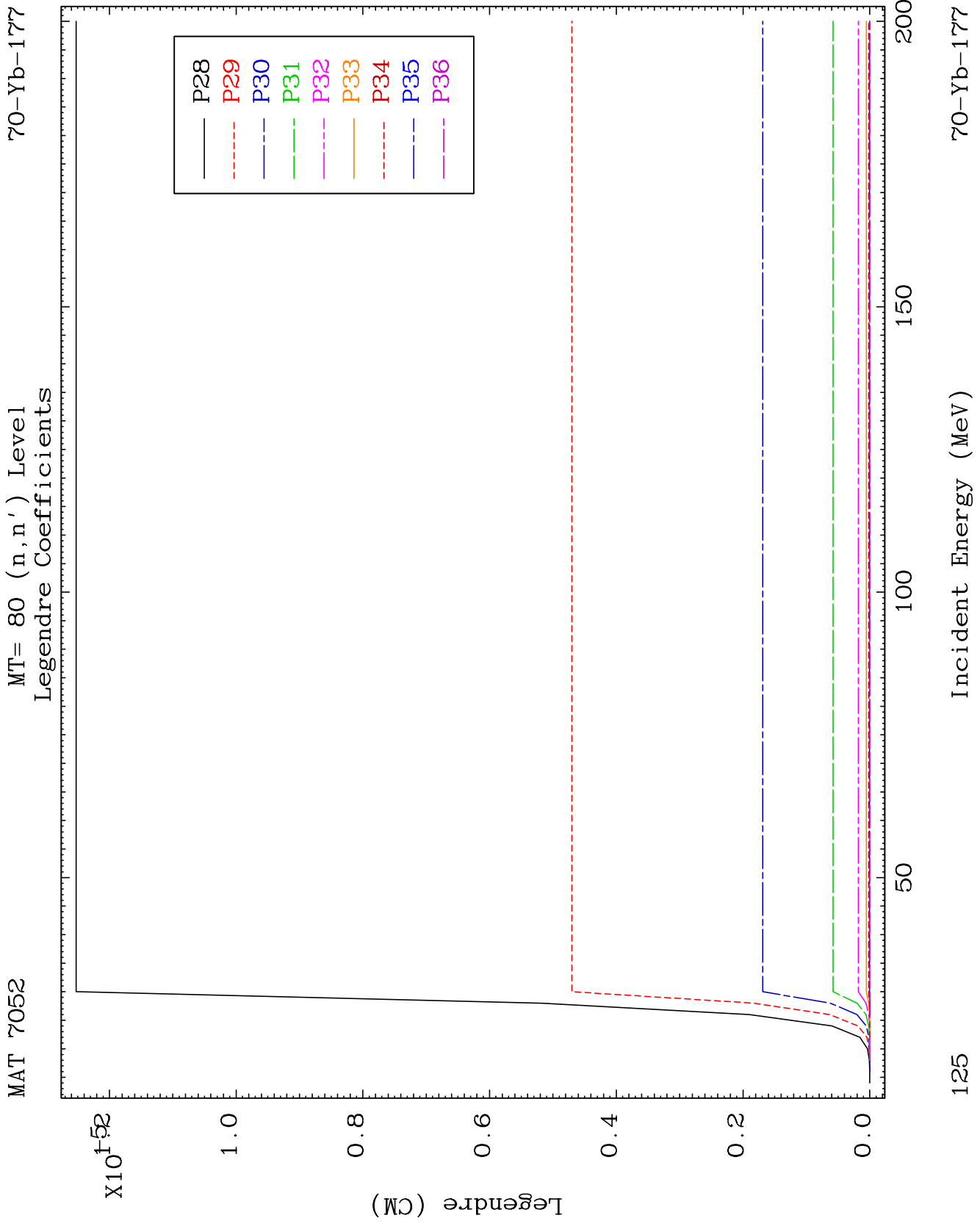
70-Yb-177



124

Incident Energy (MeV)

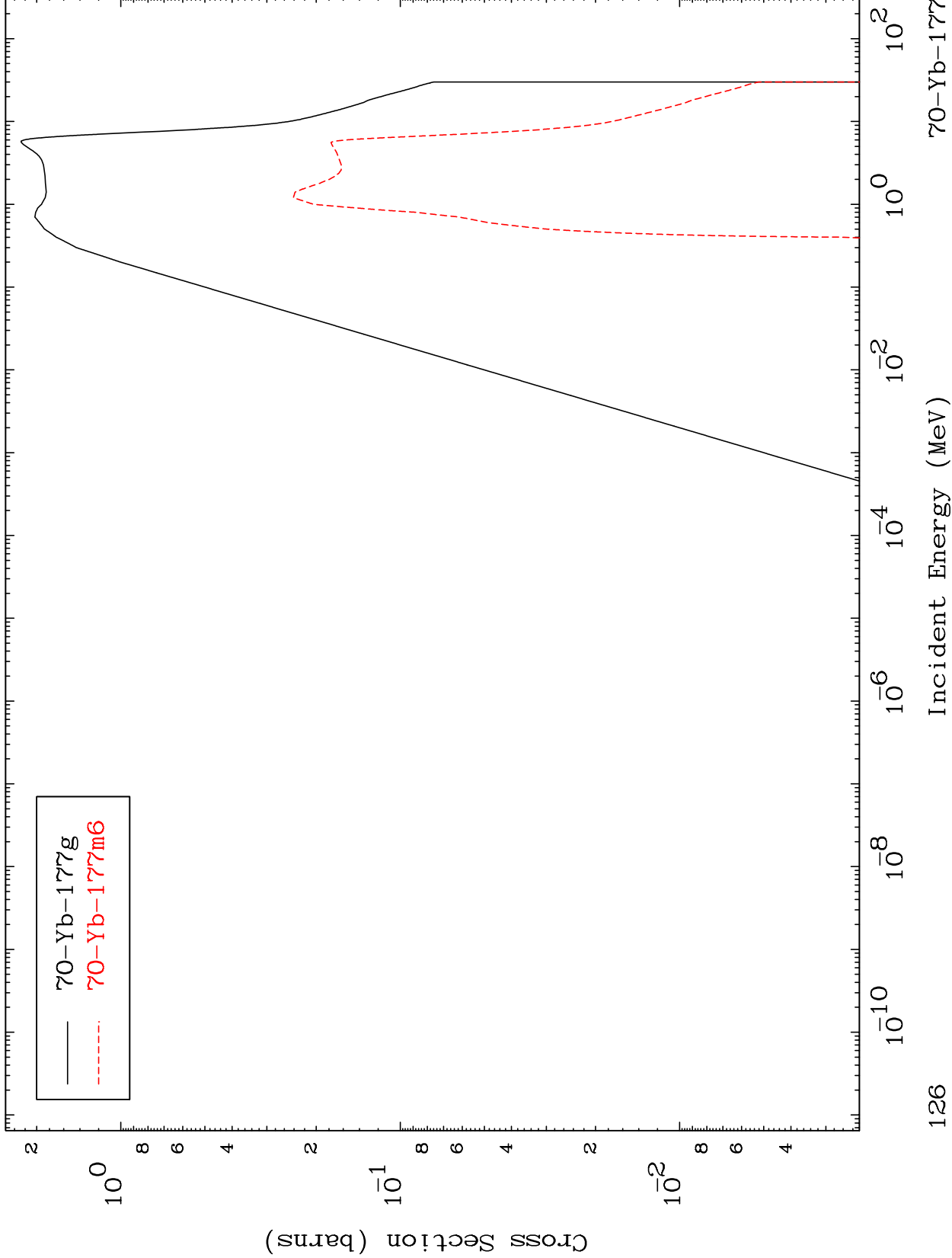
70-Yb-177



MAT 7052

Inelastic
Radionuclide Production Cross Section

⁷⁰Yb-177



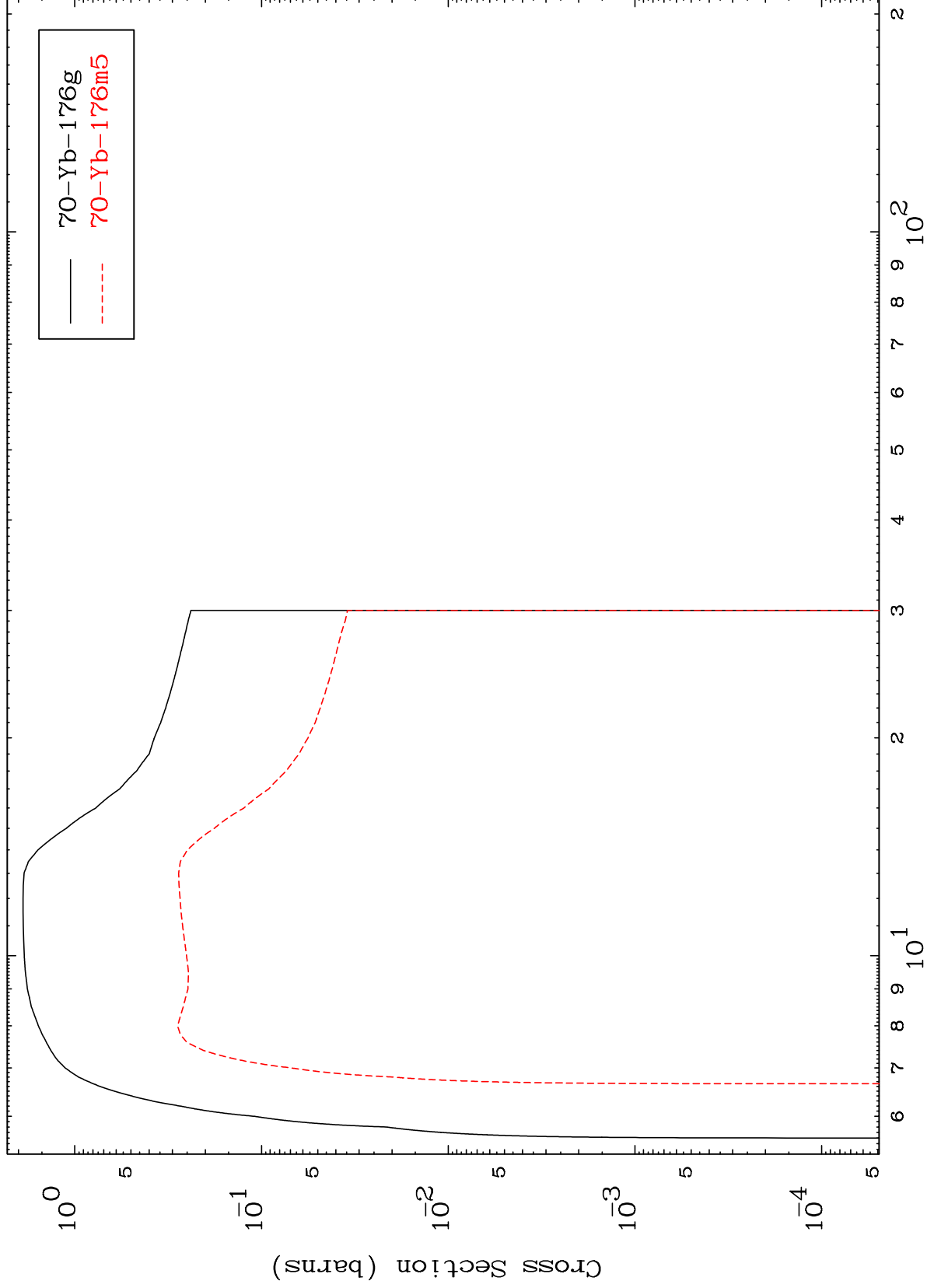
⁷⁰Yb-177

MAT 7052

(n,2n)

70-Yb-177

Radionuclide Production Cross Section



127

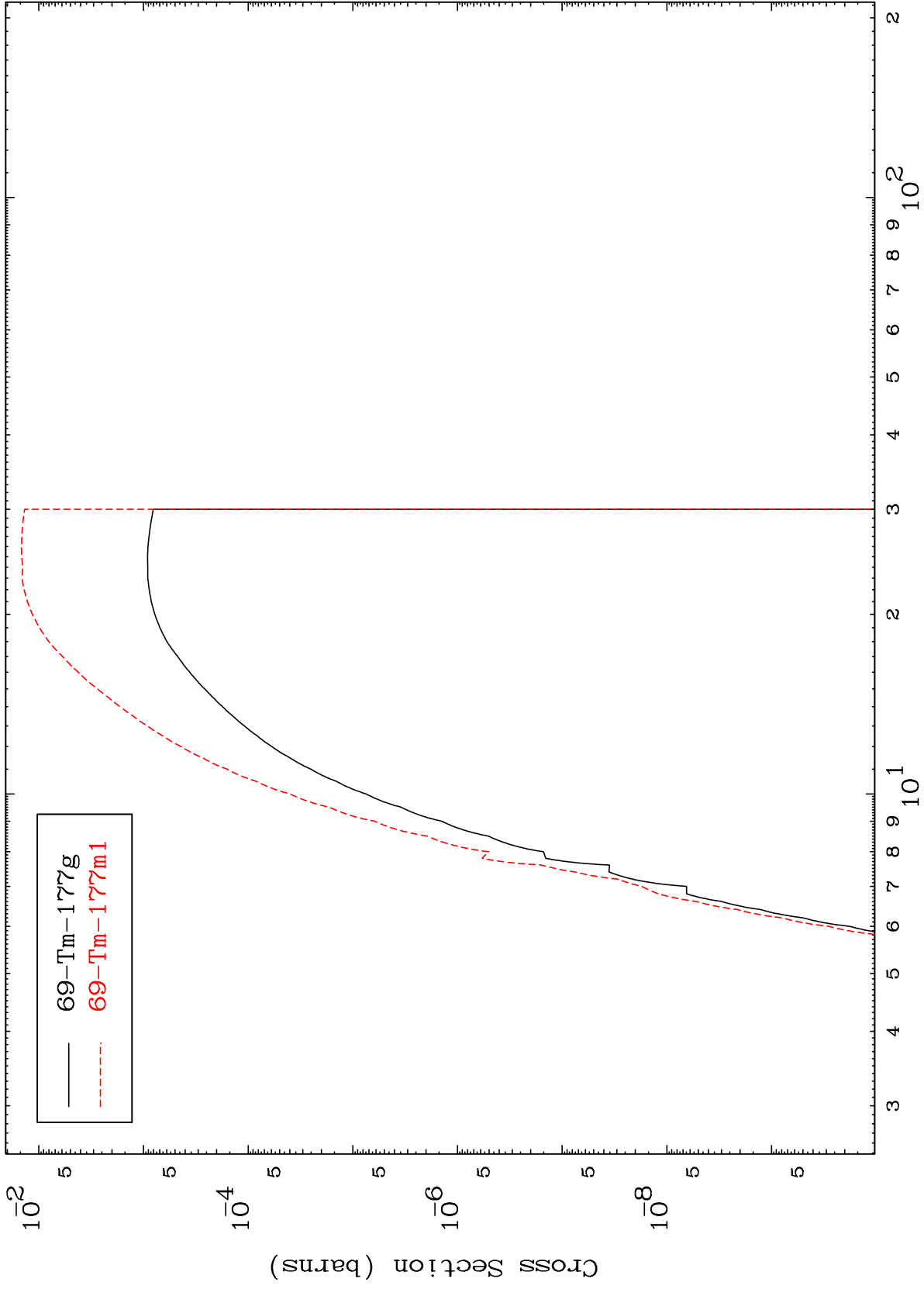
Incident Energy (MeV)

70-Yb-177

MAT 7052

$^{70}\text{Yb-177}$

(n,p)
Radionuclide Production Cross Section



$^{70}\text{Yb-177}$

Incident Energy (MeV)

128