

Program EVALPLOT
(Version 2021-1)

by

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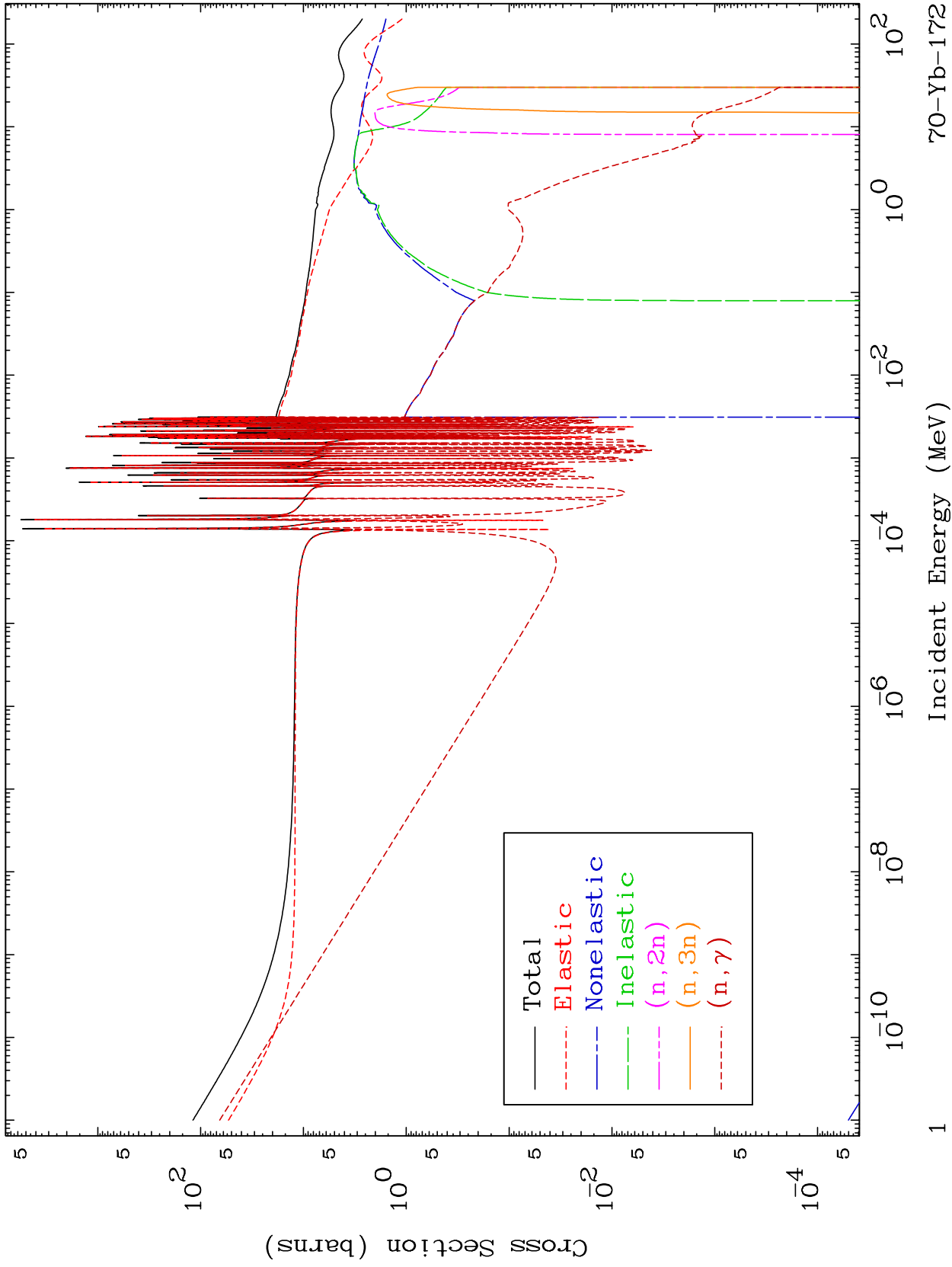
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7037

Neutron Major
293 Kelvin Cross Sections

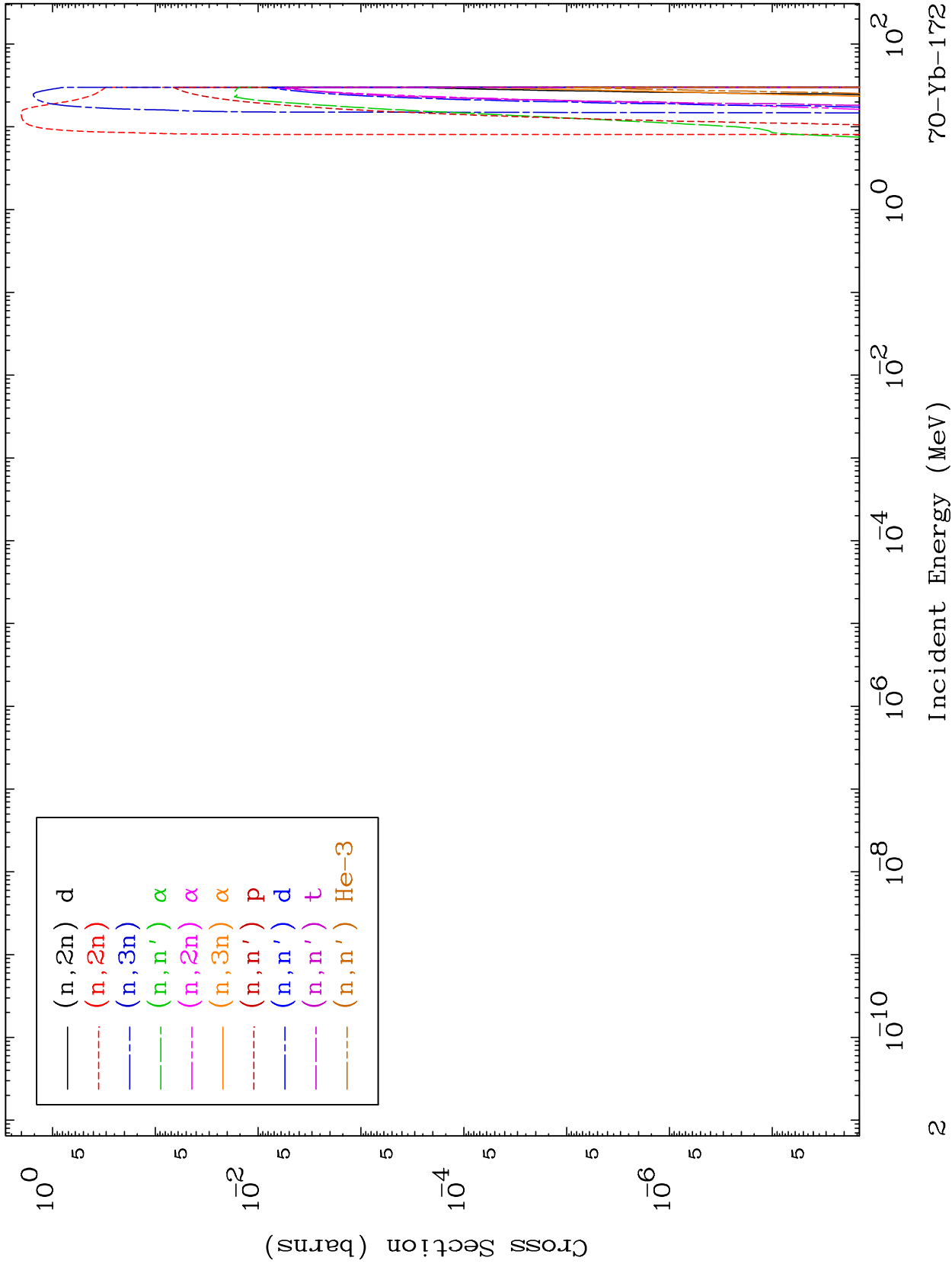
70-Yb-172



MAT 7037

Neutron Absorption
293 Kelvin Cross Sections

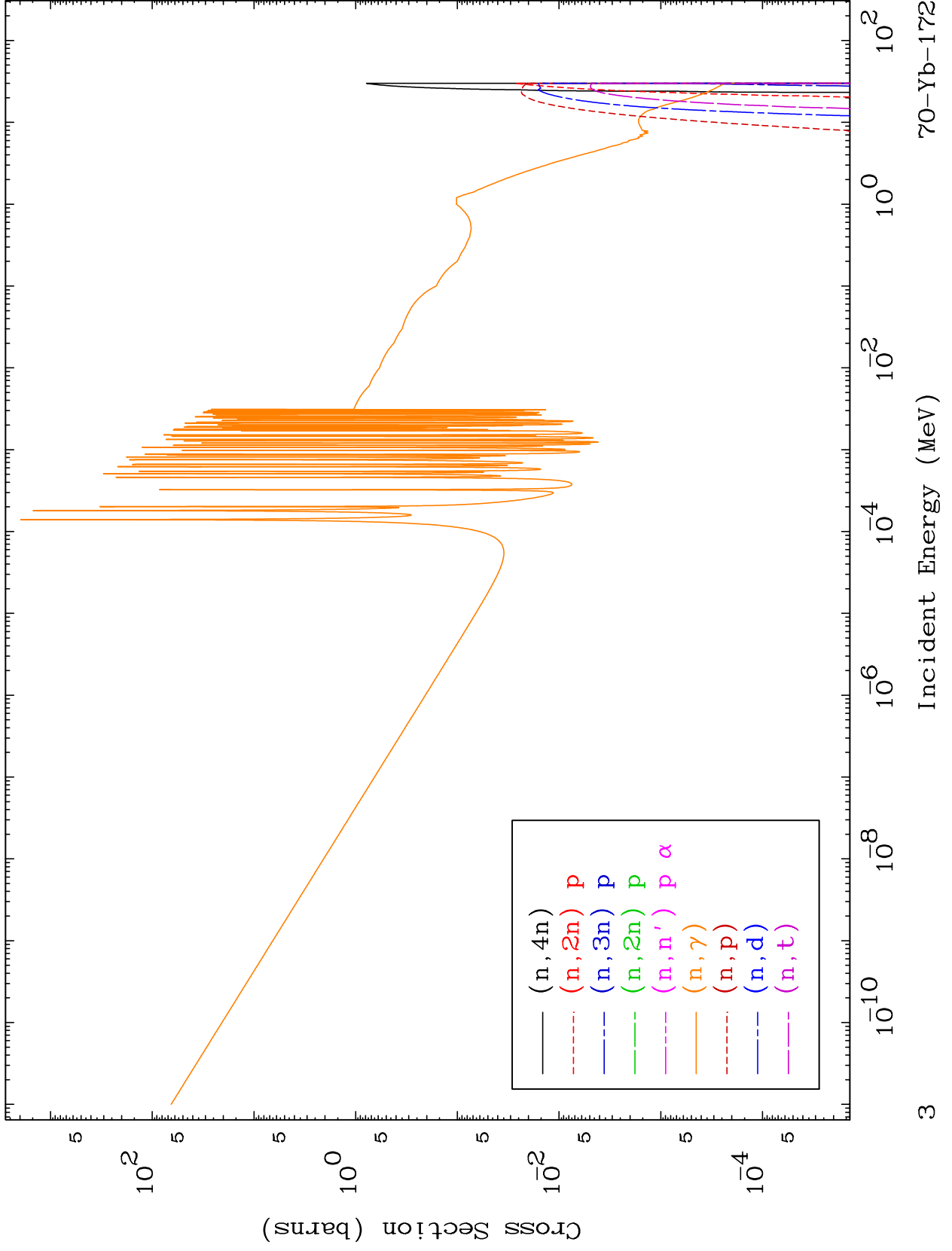
70-Yb-172



MAT 7037

Neutron Absorption
293 Kelvin Cross Sections

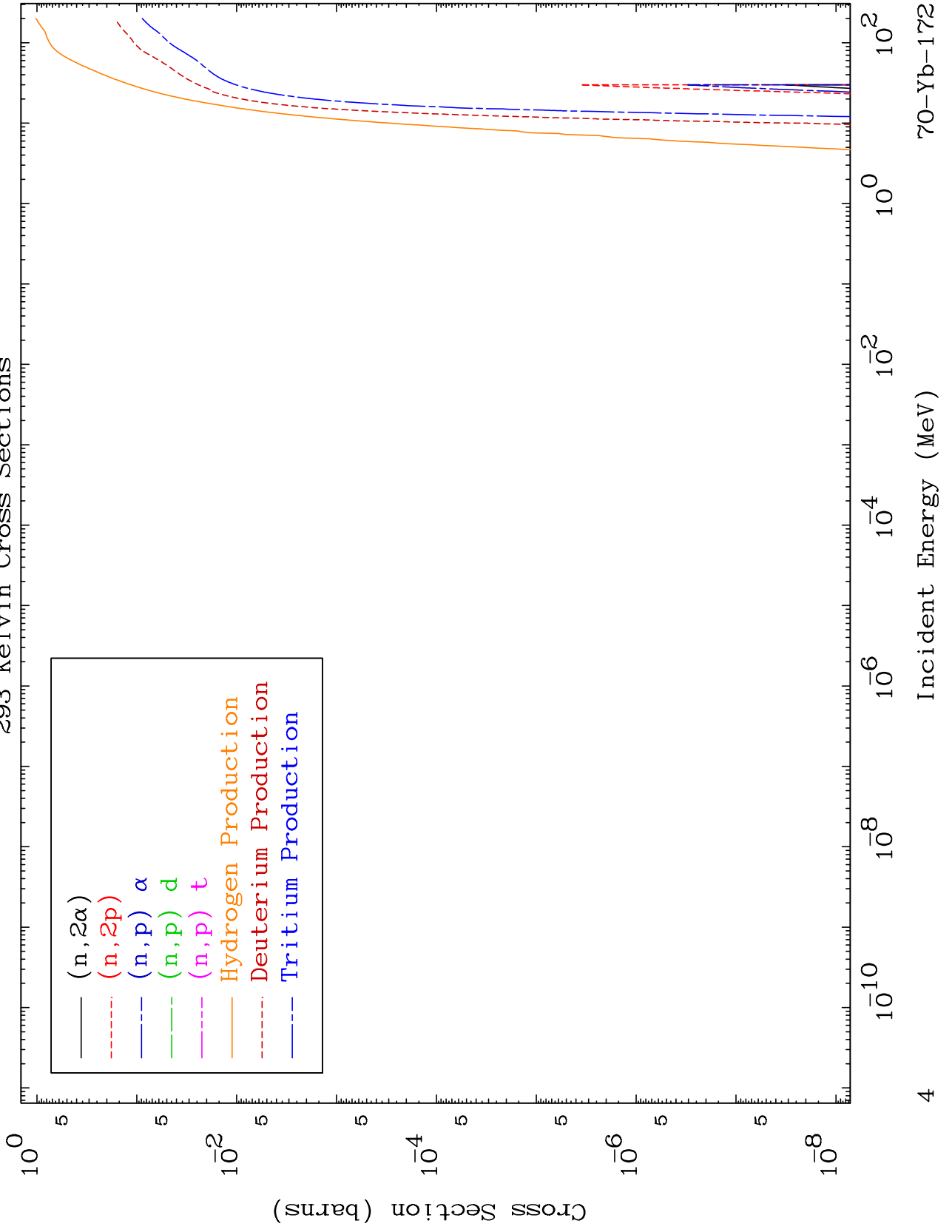
70-Yb-172



MAT 7037

Neutron Absorption
293 Kelvin Cross Sections

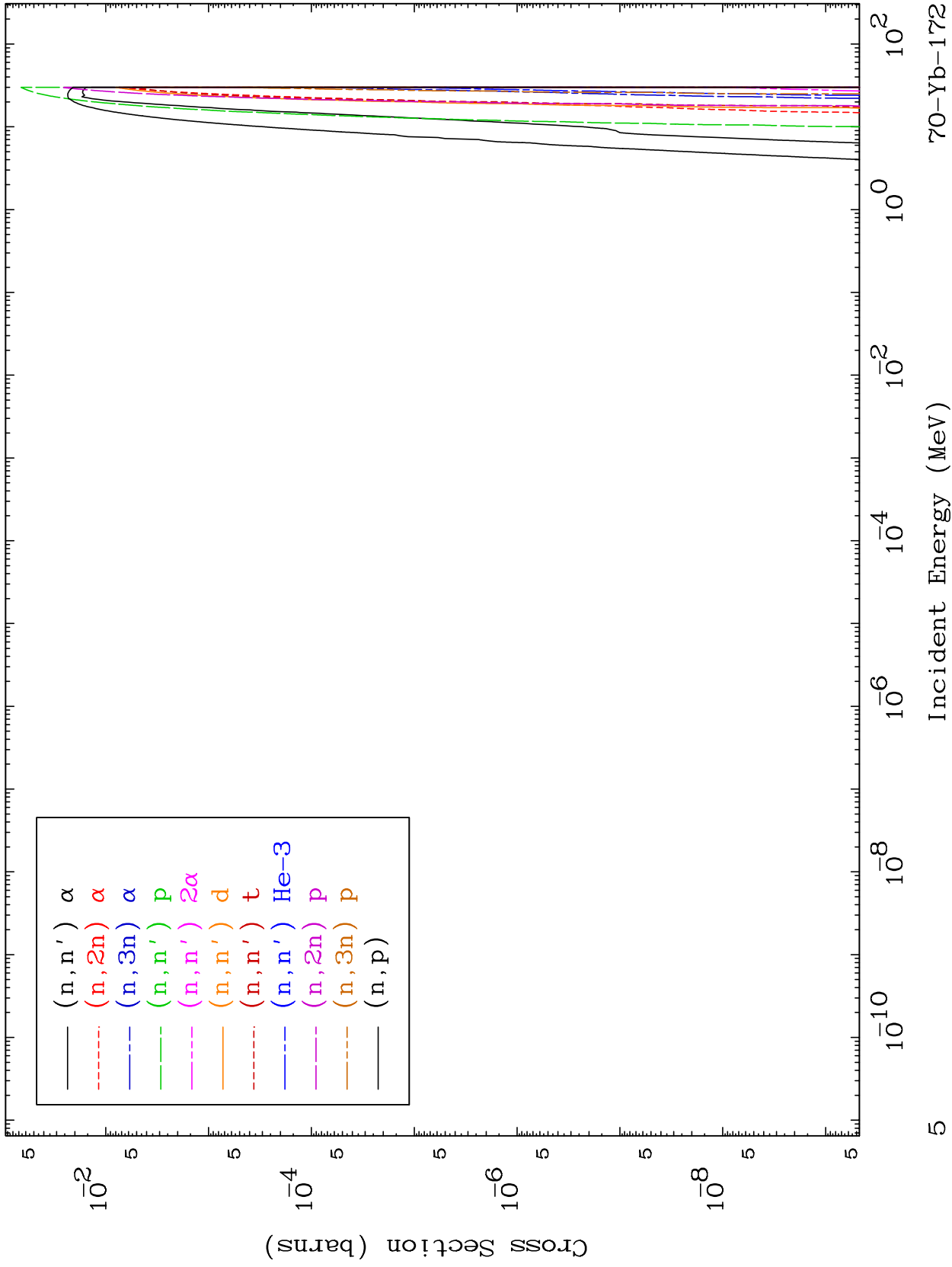
70-Yb-172



MAT 7037

Charged Particle
293 Kelvin Cross Sections

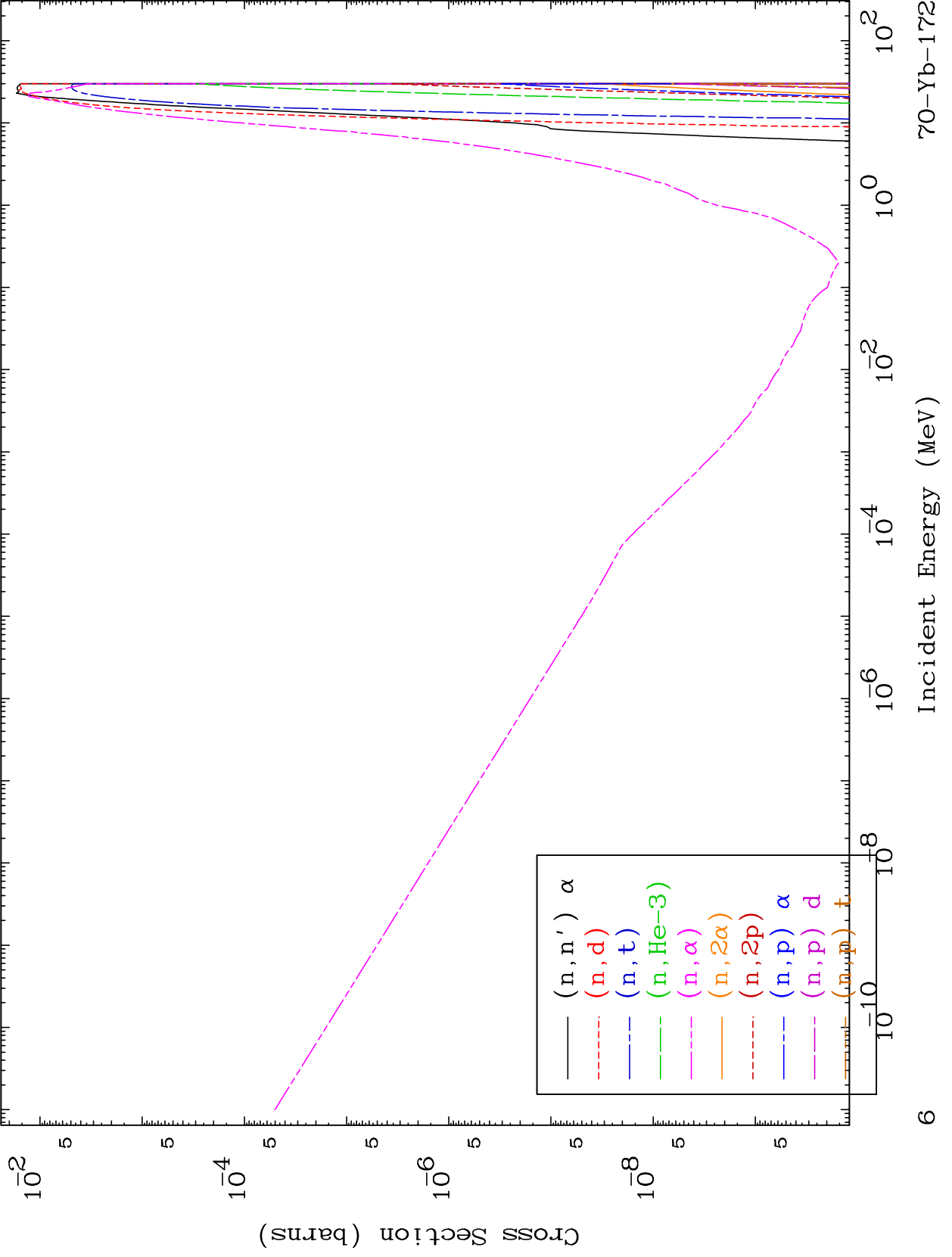
70-Yb-172



MAT 7037

Charged Particle
293 Kelvin Cross Sections

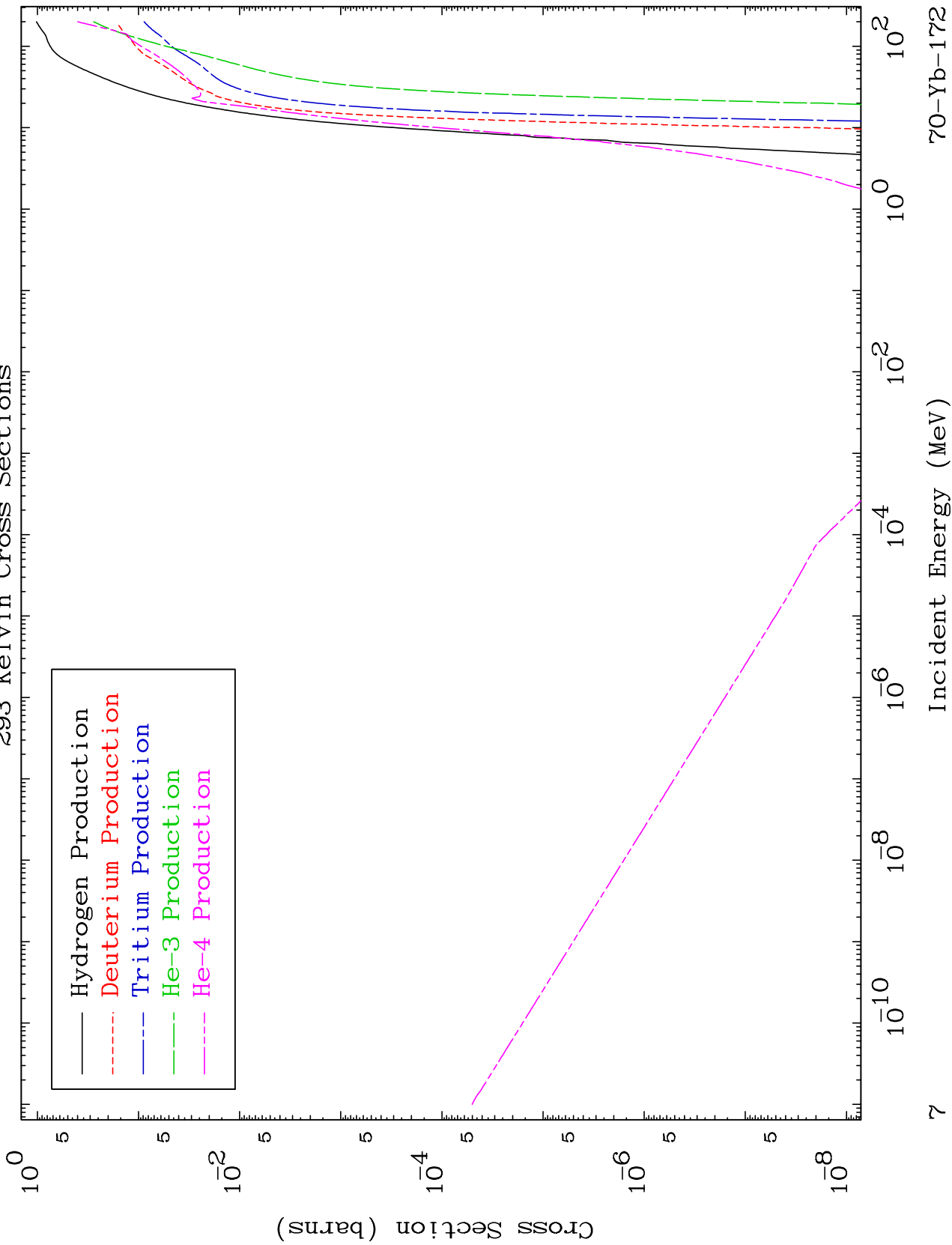
70-Yb-172



MAT 7037

Particle Production
293 Kelvin Cross Sections

70-Yb-172

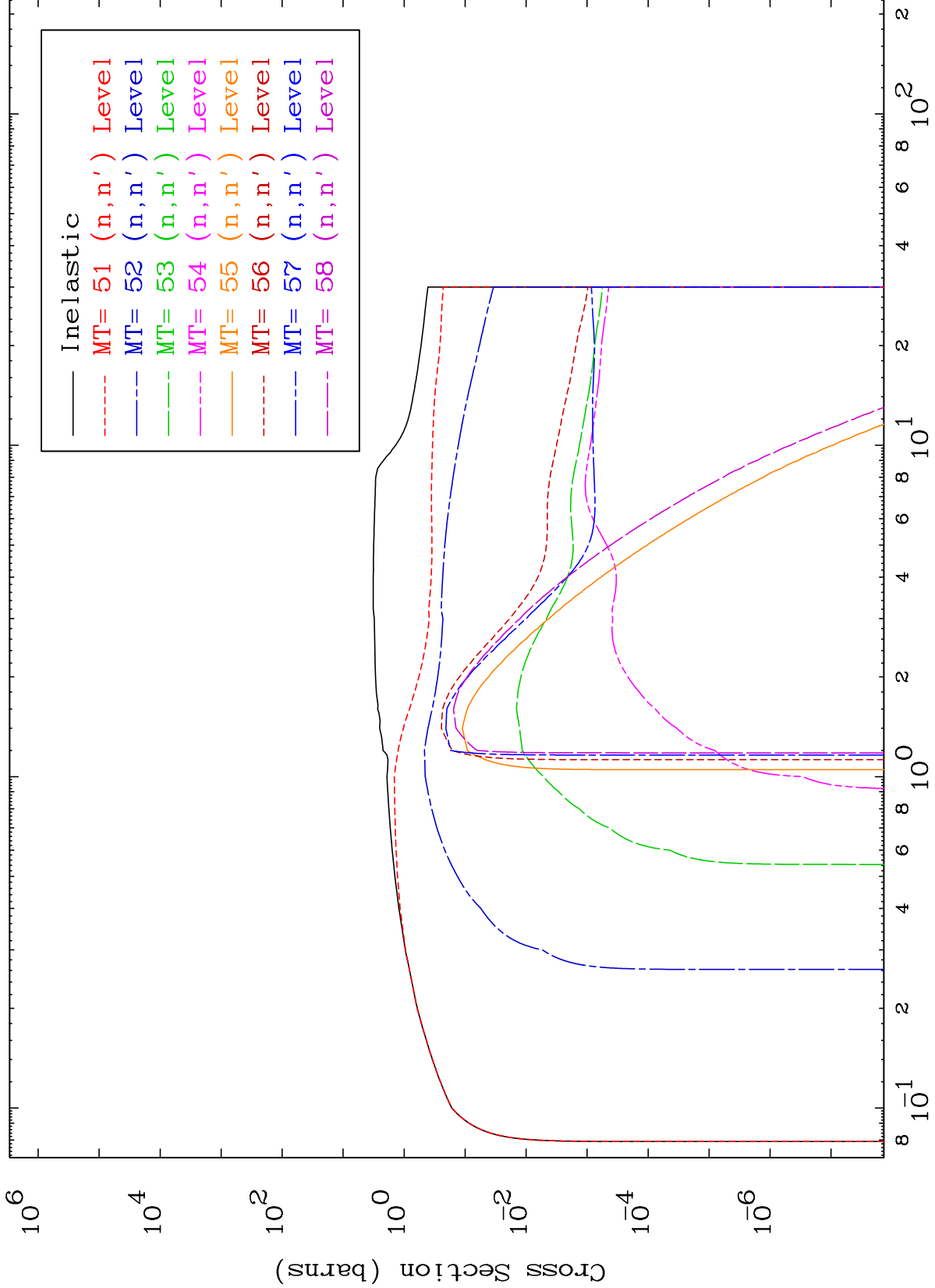


MAT 7037

(n,n') Levels

70-Yb-172

293 Kelvin Cross Sections



8

Incident Energy (MeV)

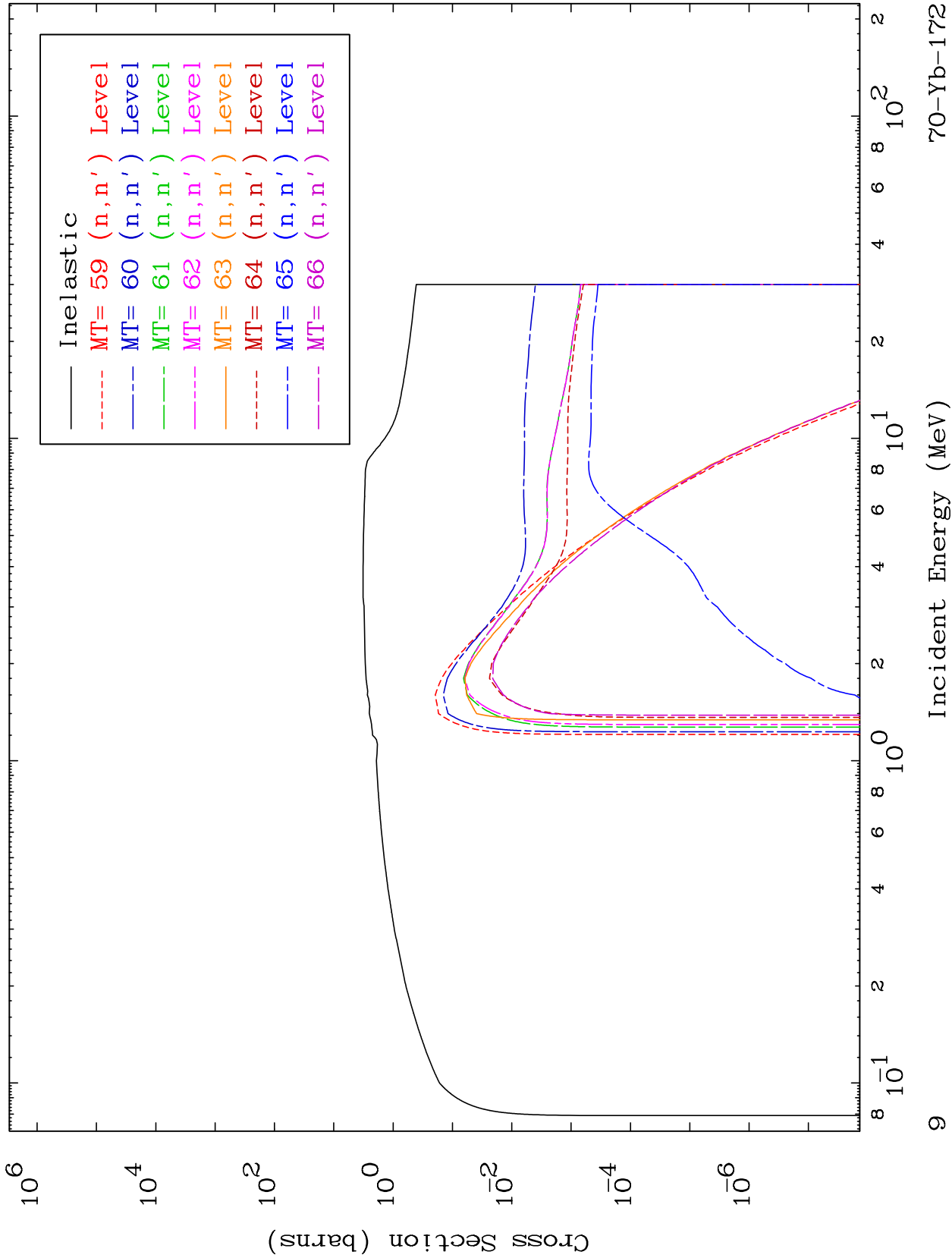
70-Yb-172

MAT 7037

(n,n') Levels

293 Kelvin Cross Sections

70-Yb-172

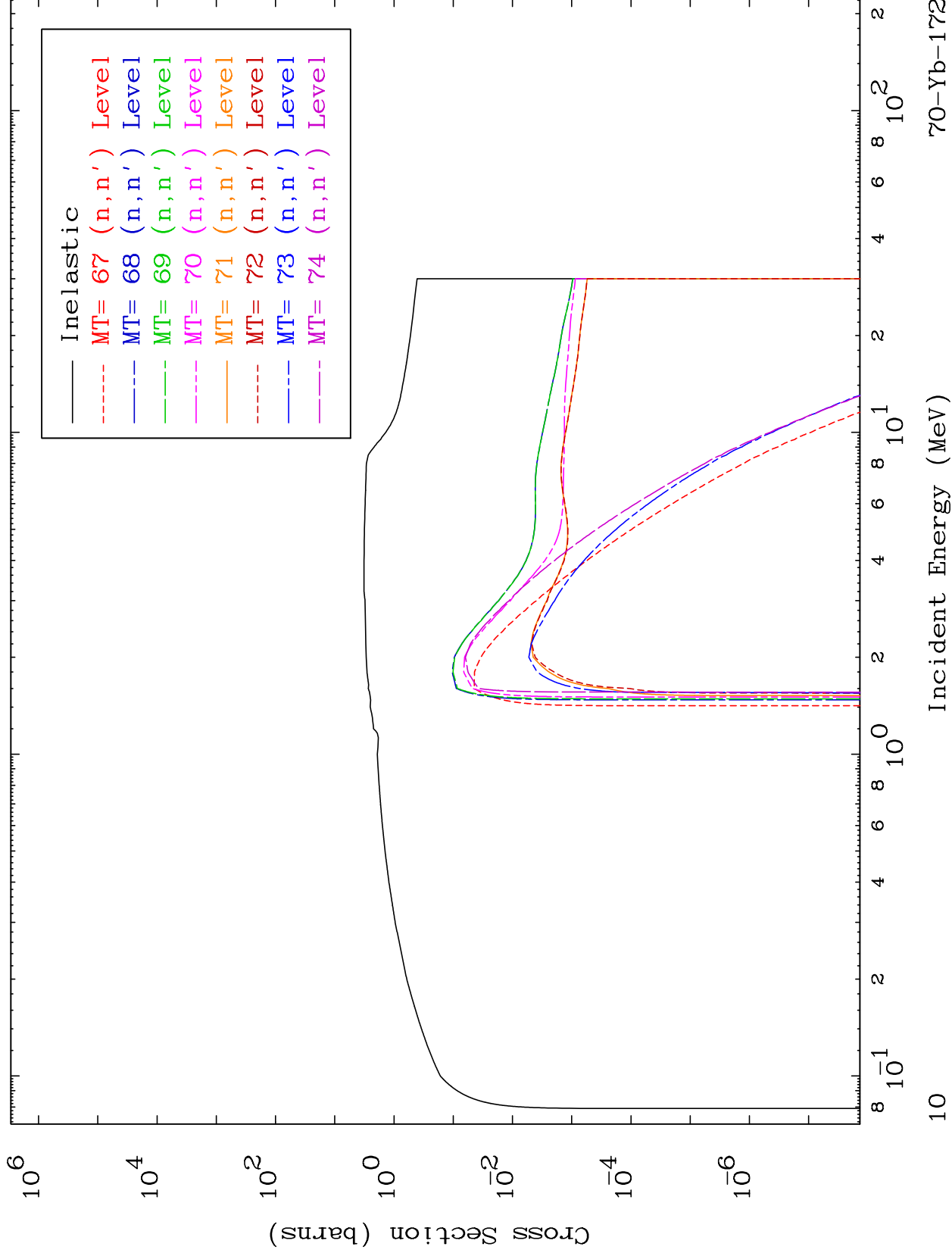


MAT 7037

(n,n') Levels

293 Kelvin Cross Sections

70-Yb-172



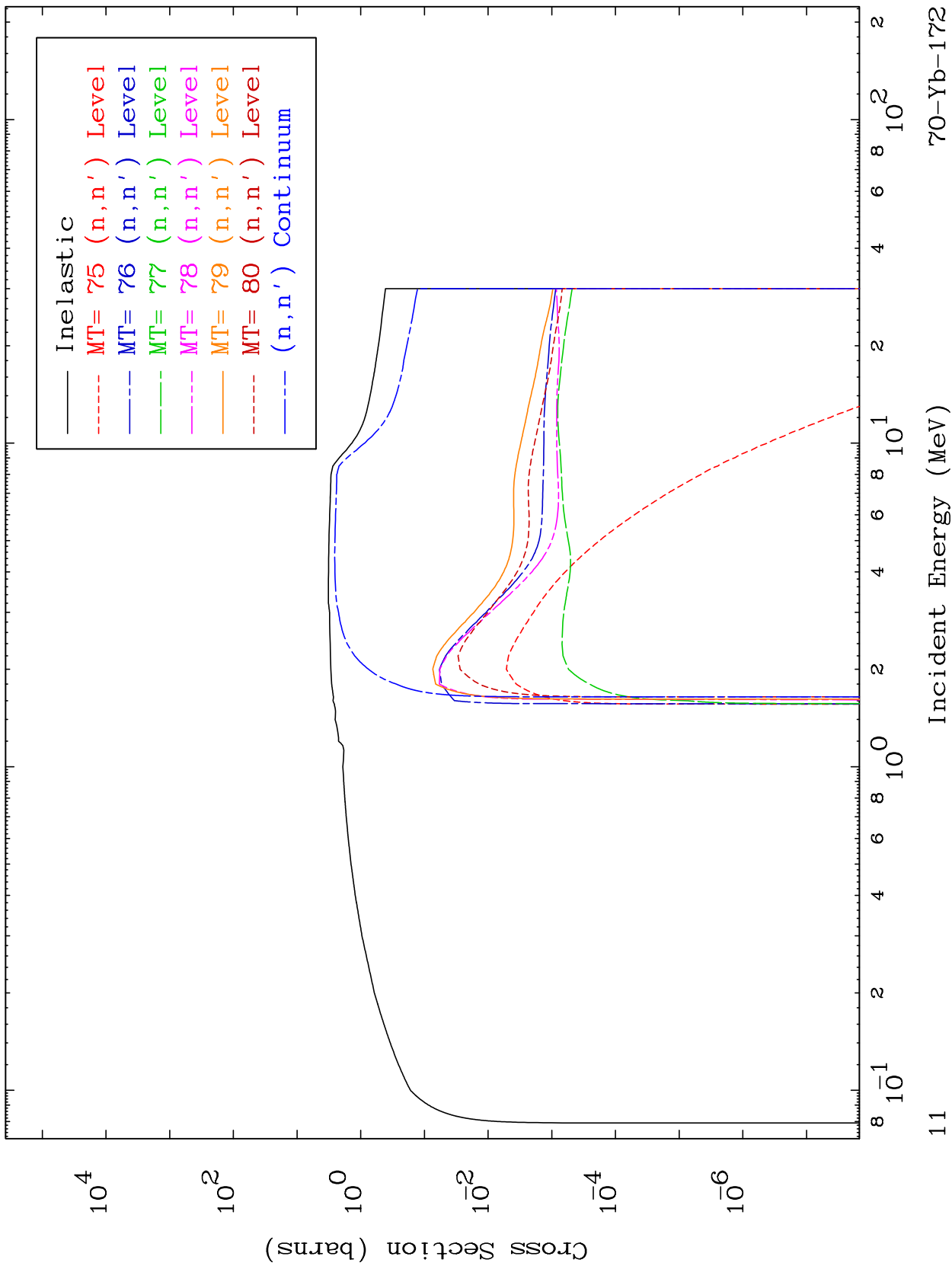
70-Yb-172

Incident Energy (MeV)

MAT 7037

(n,n') Levels
293 Kelvin Cross Sections

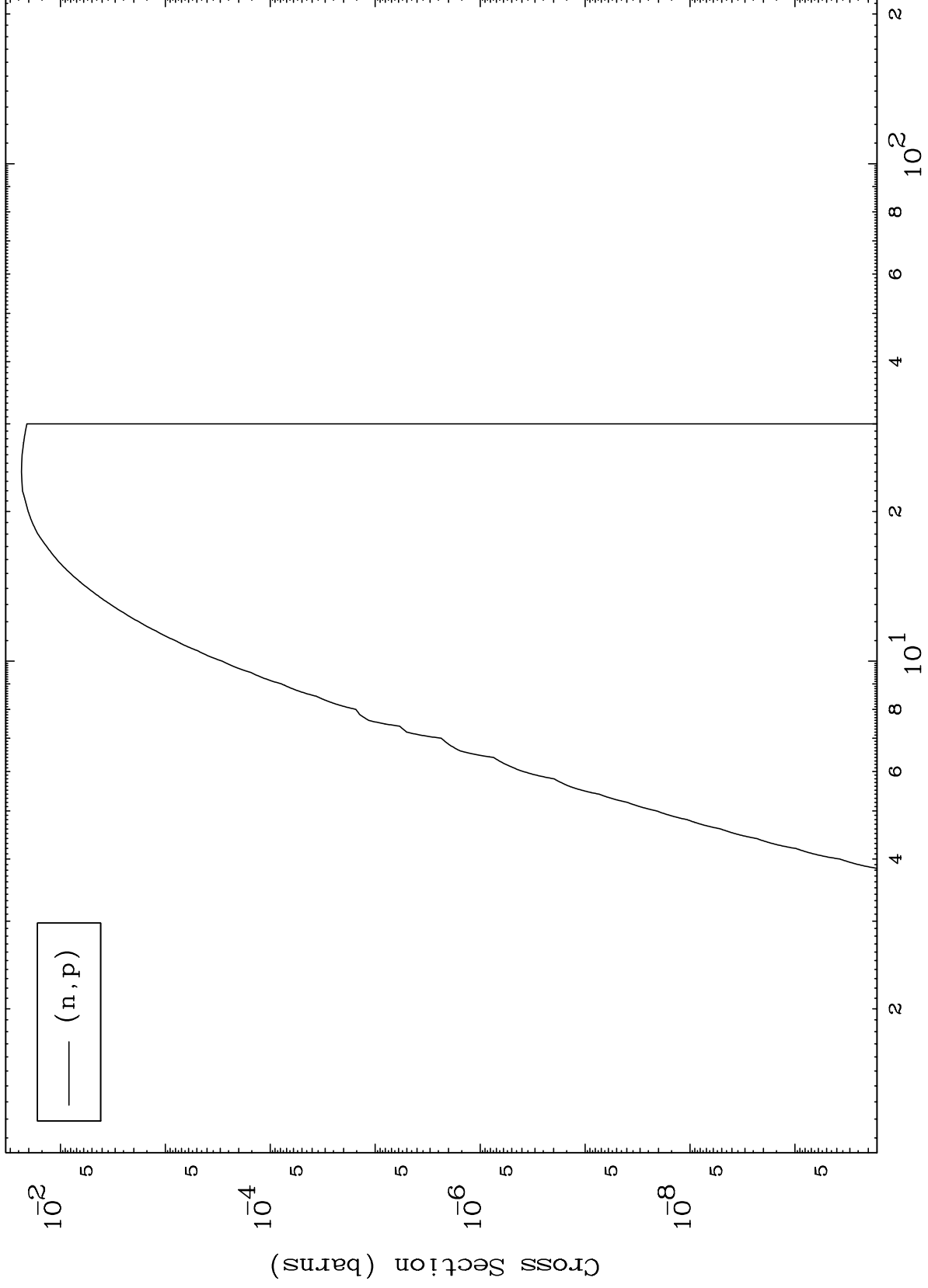
70-Yb-172



MAT 7037

(n,p) Levels
293 Kelvin Cross Sections

70-Yb-172



(n,p)

12

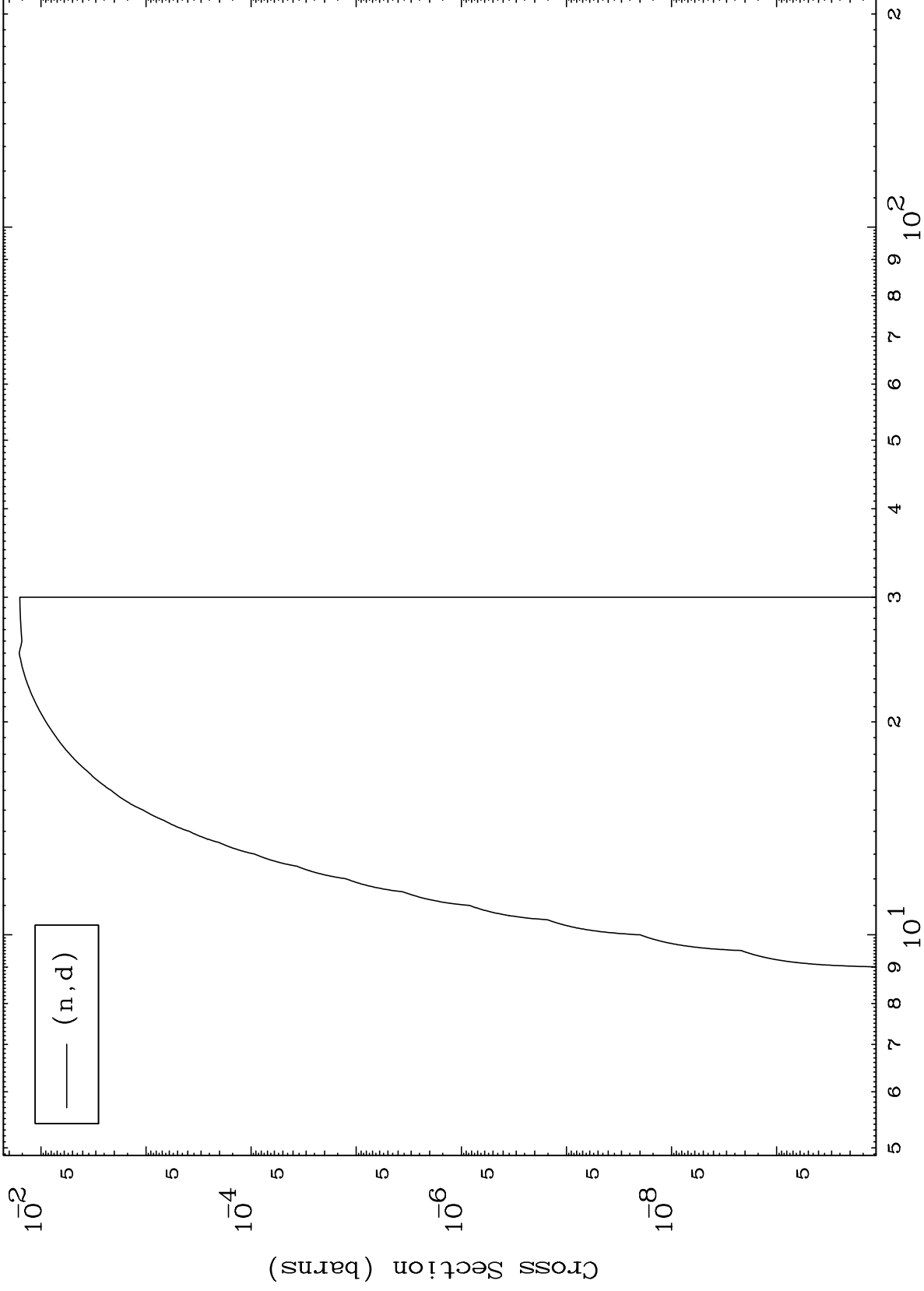
Incident Energy (MeV)

70-Yb-172

MAT 7037

(n,d) Levels
293 Kelvin Cross Sections

70-Yb-172



13

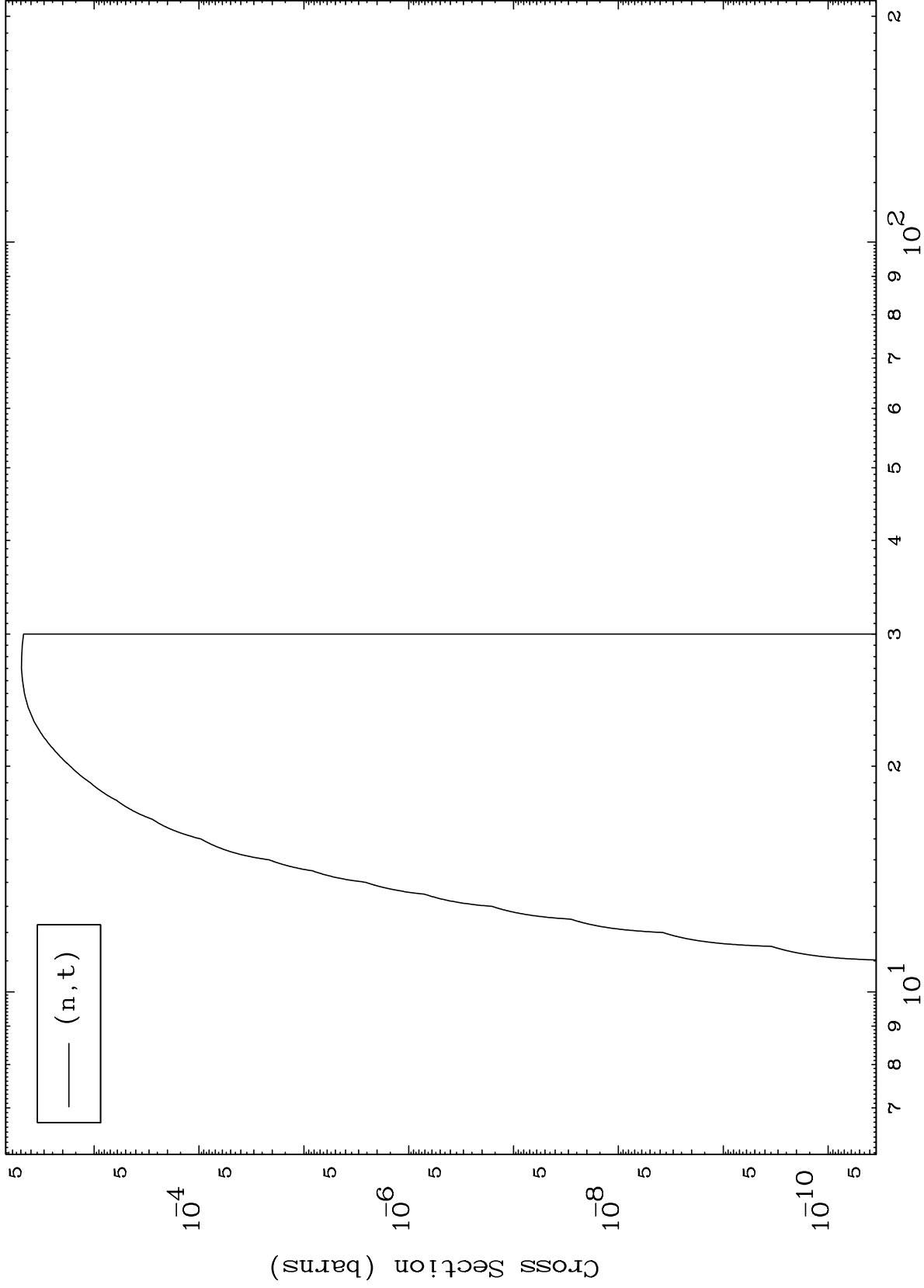
Incident Energy (MeV)

70-Yb-172

MAT 7037

(n,t) Levels
293 Kelvin Cross Sections

70-Yb-172



14

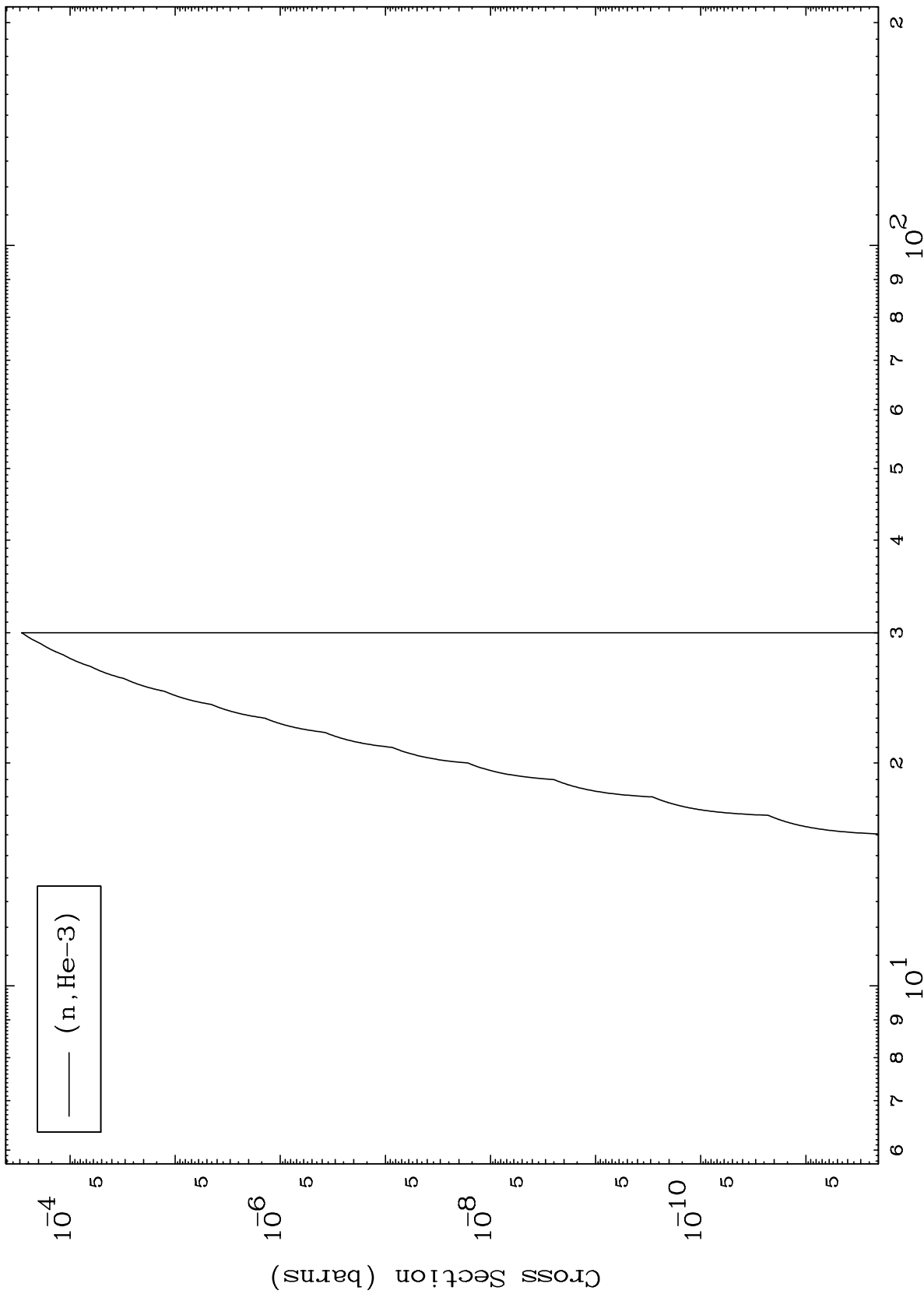
Incident Energy (MeV)

70-Yb-172

MAT 7037

(n,He3) Levels
293 Kelvin Cross Sections

70-Yb-172



15

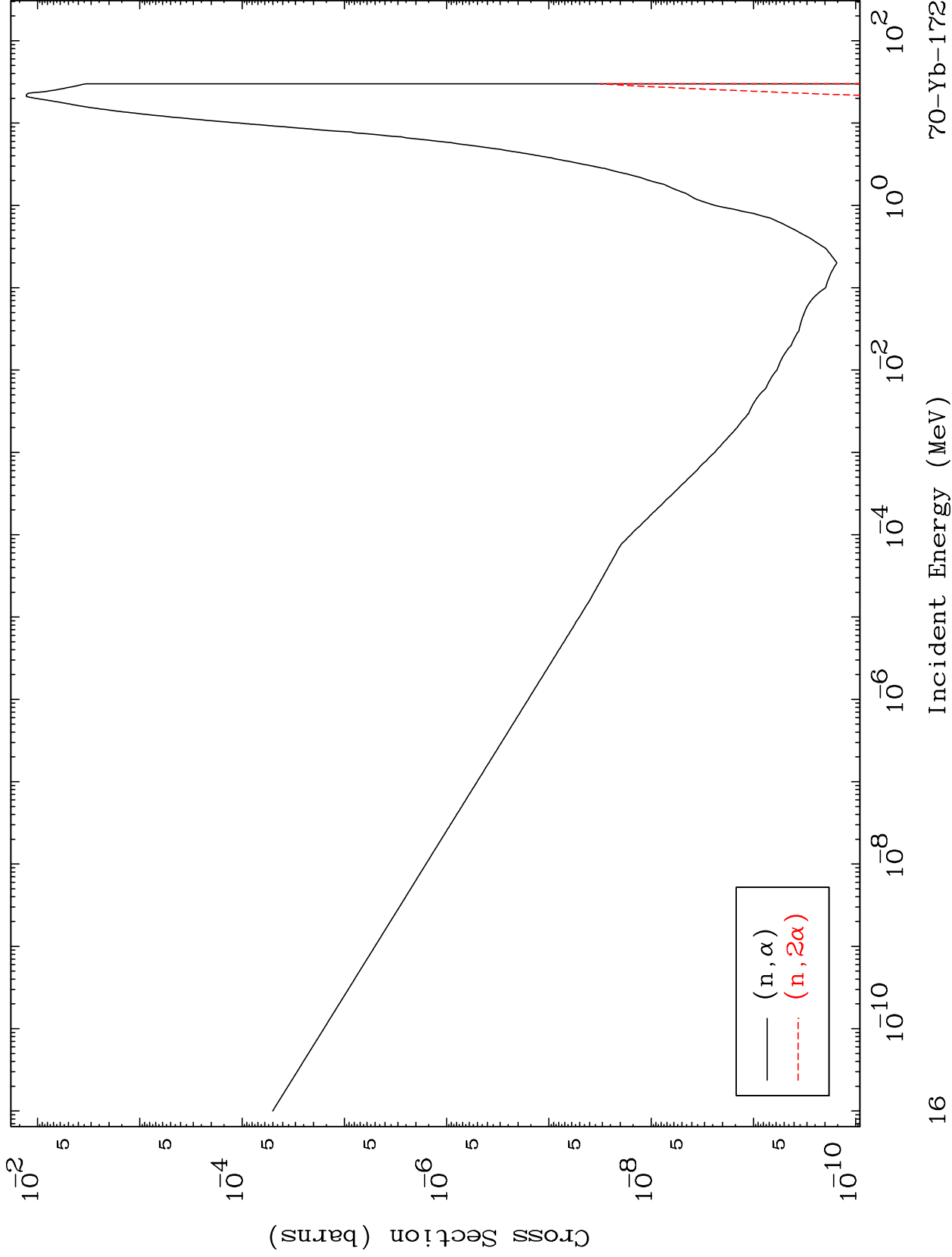
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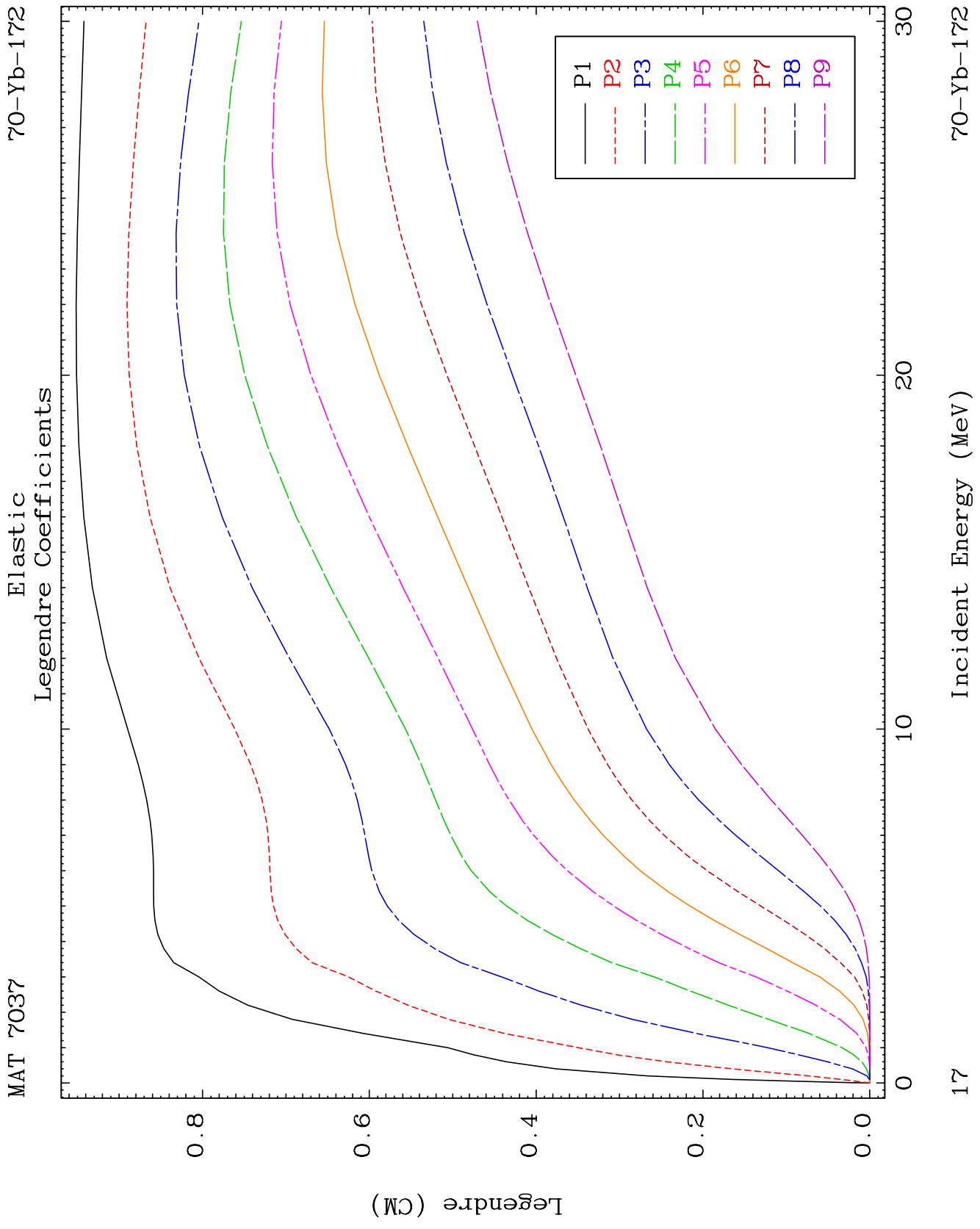
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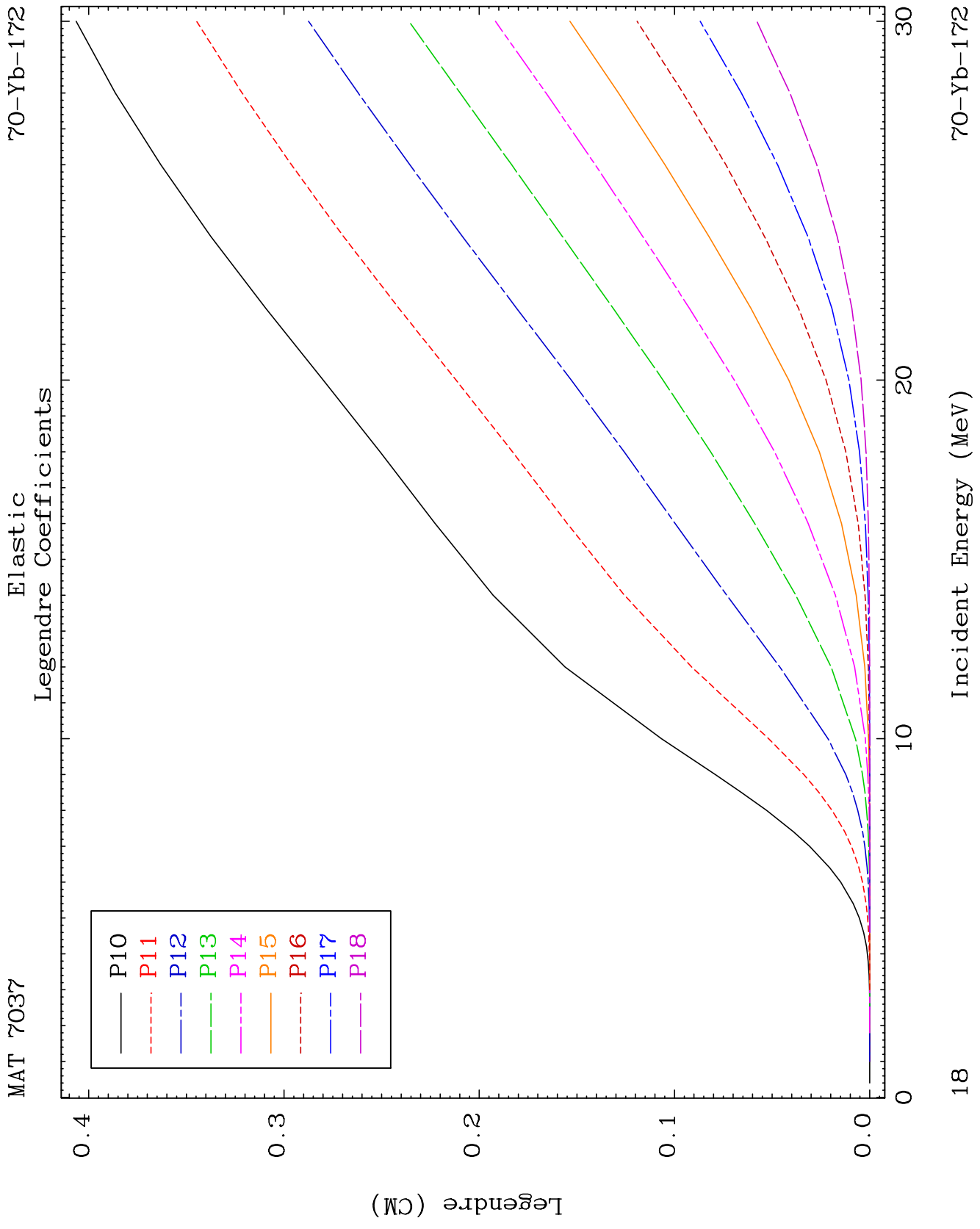
MAT 7037

(n, α) Levels
293 Kelvin Cross Sections

70-Yb-172



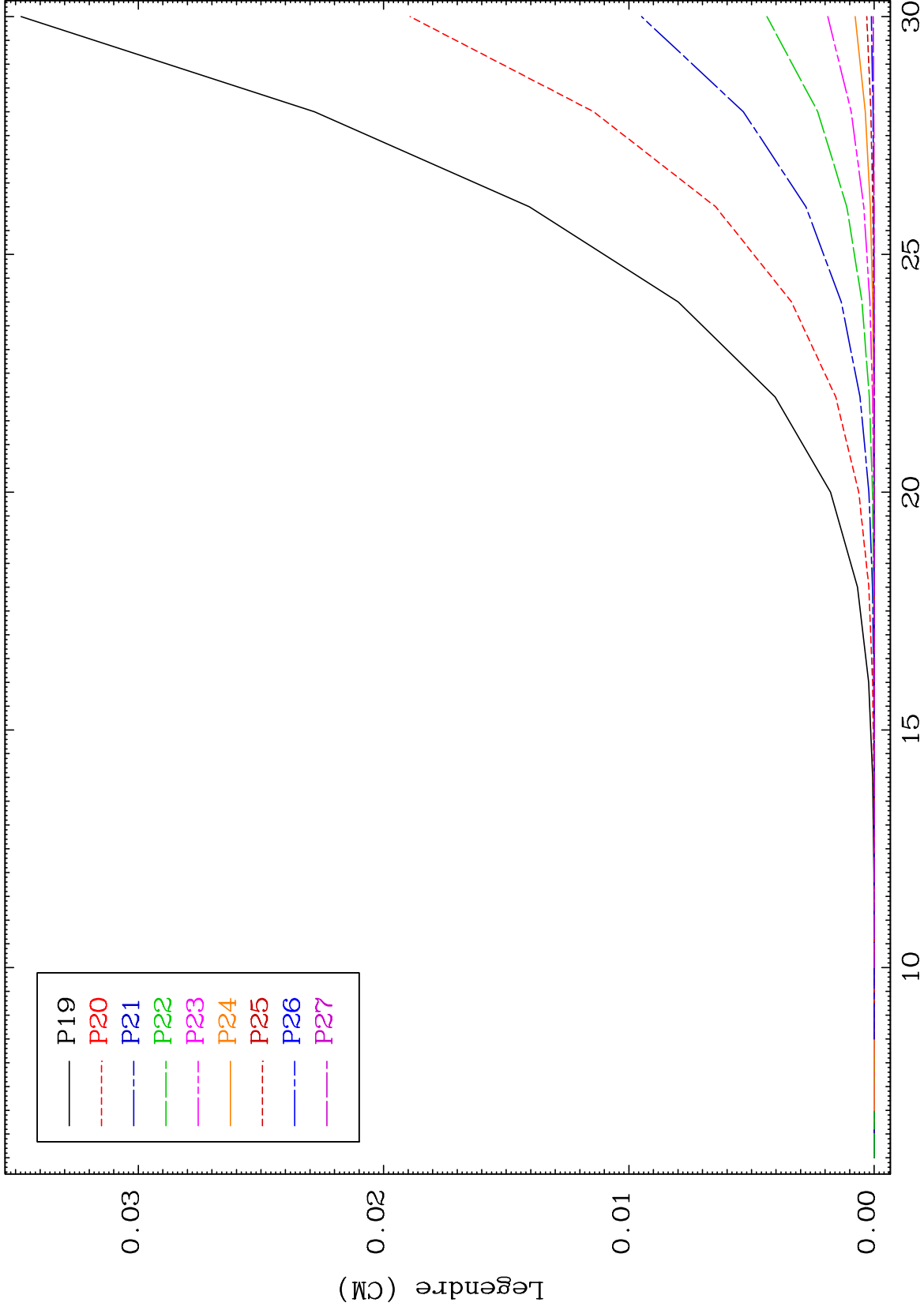




MAT 7037

Elastic Legendre Coefficients

70-Yb-172



19

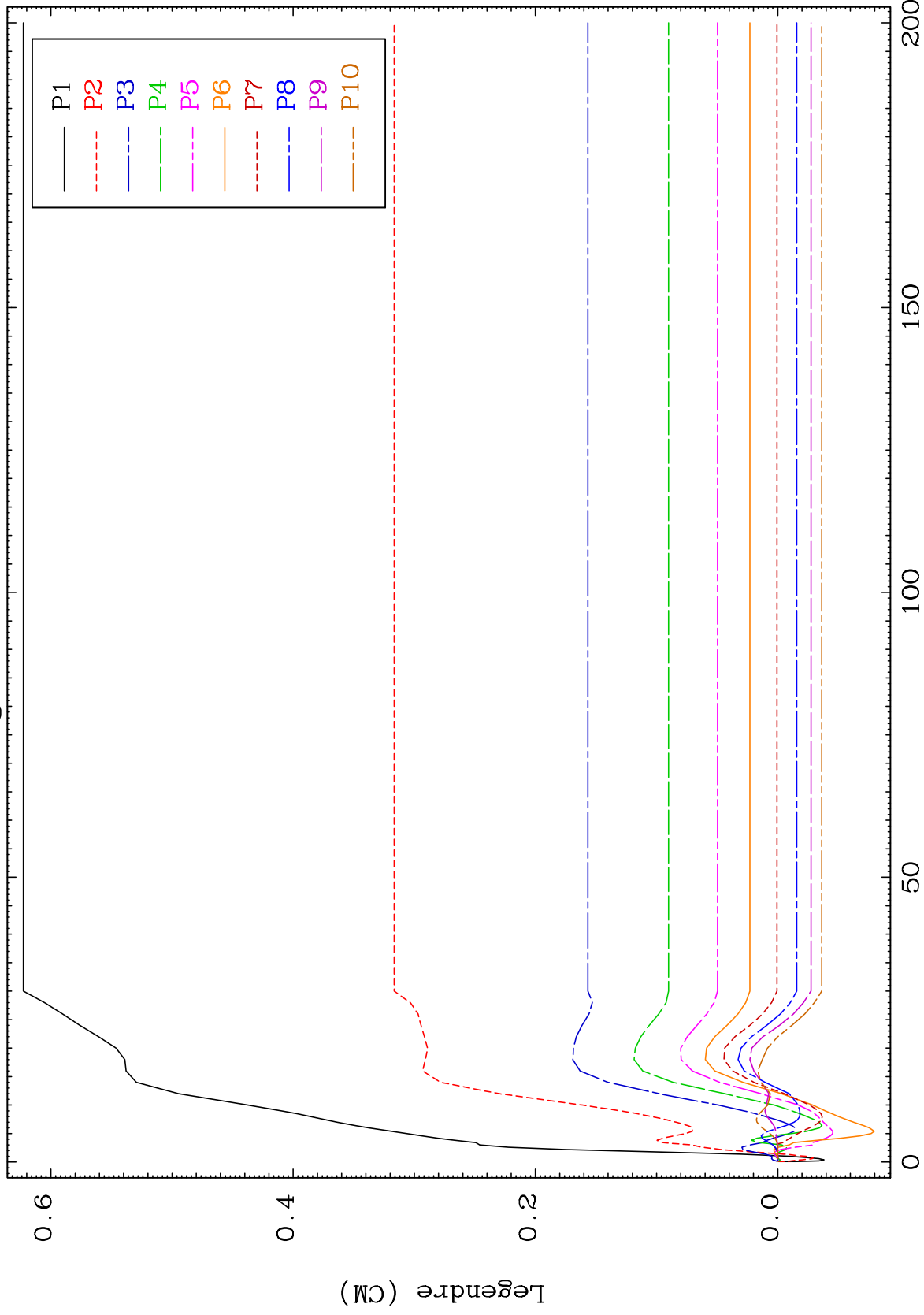
Incident Energy (MeV)

70-Yb-172

MAT 7037

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

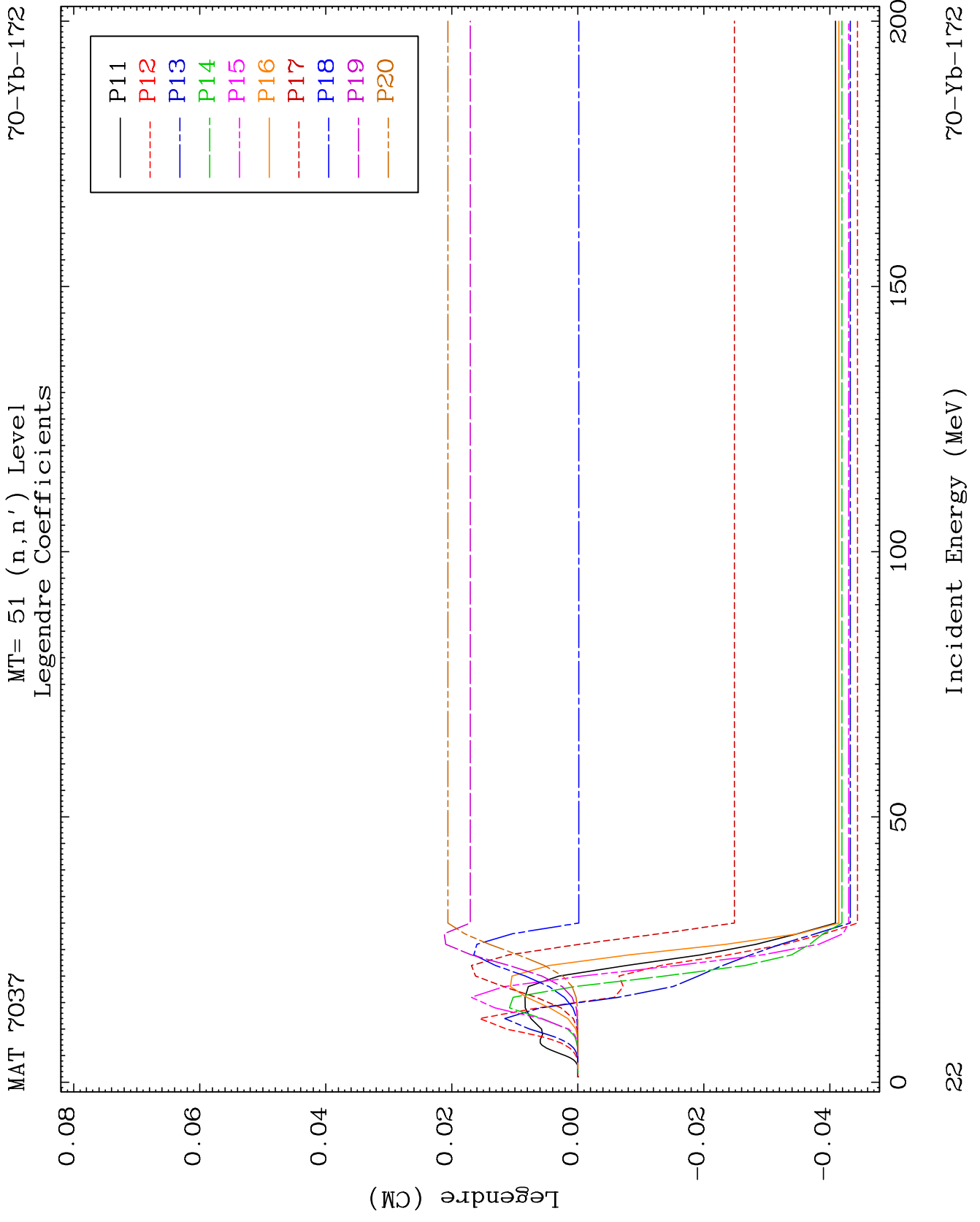
70-Yb-172



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Incident Energy (MeV)

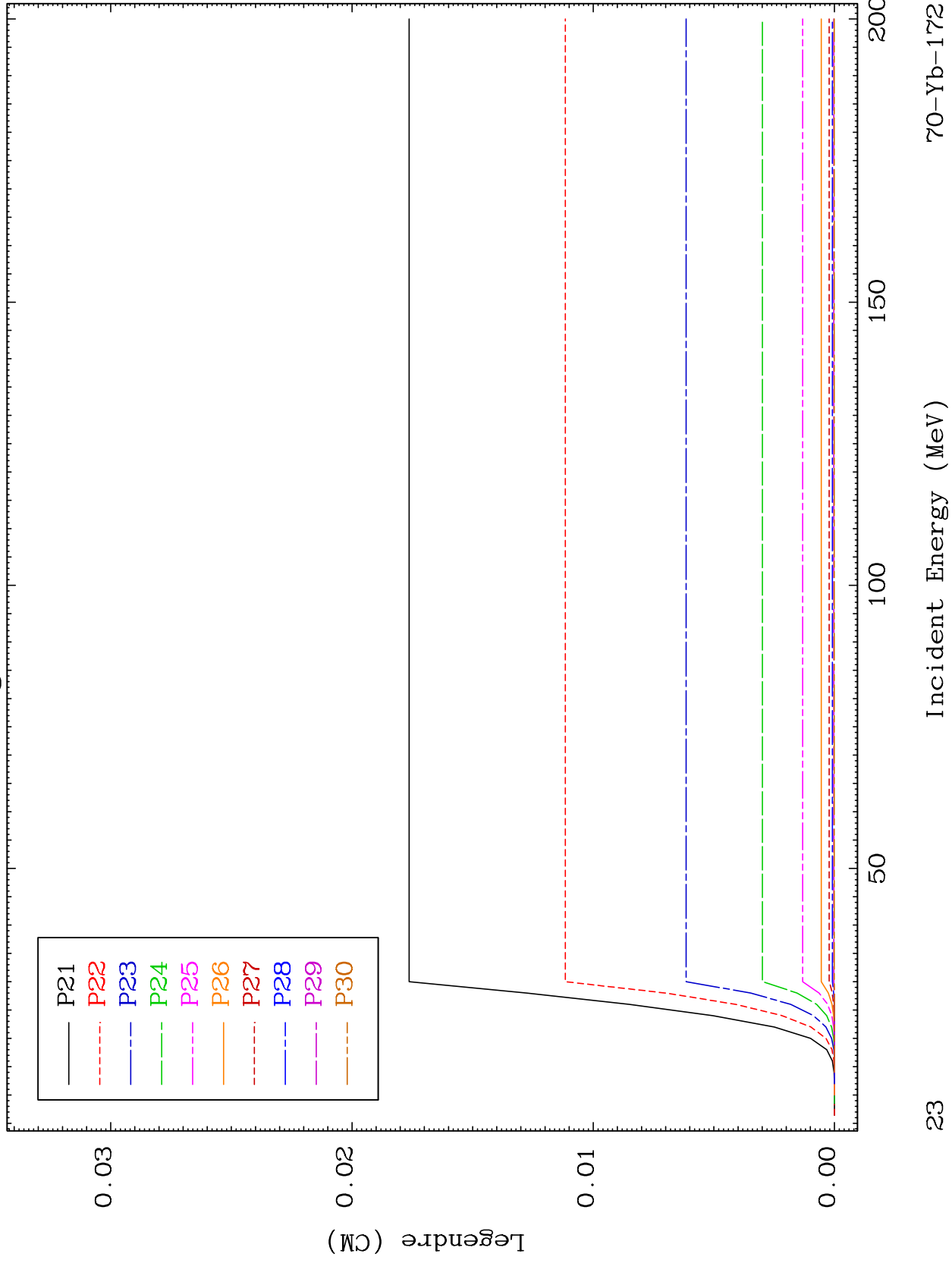
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MAT 7037

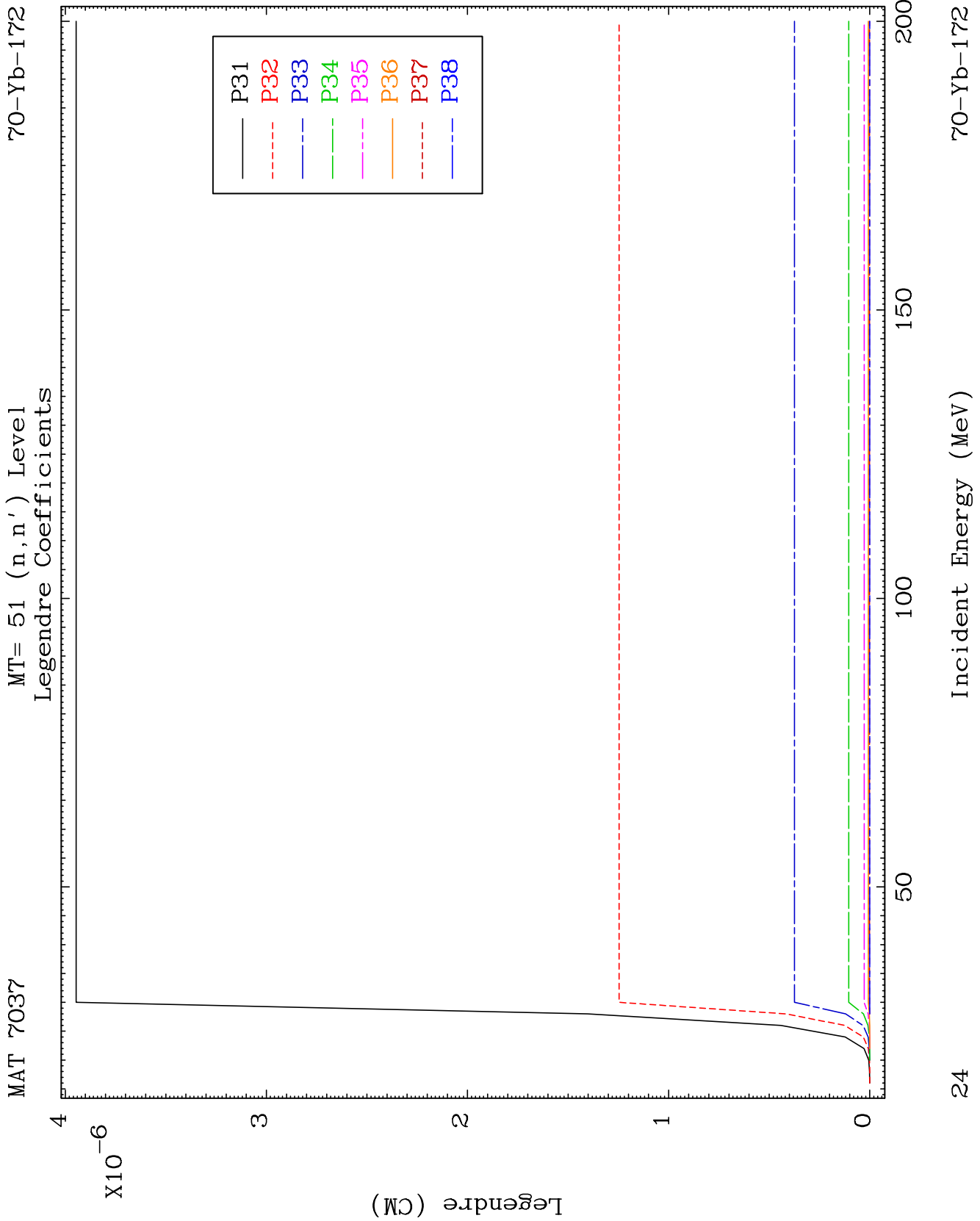
MT= 51 (n,n') Level
Legendre Coefficients

70-Yb-172



23

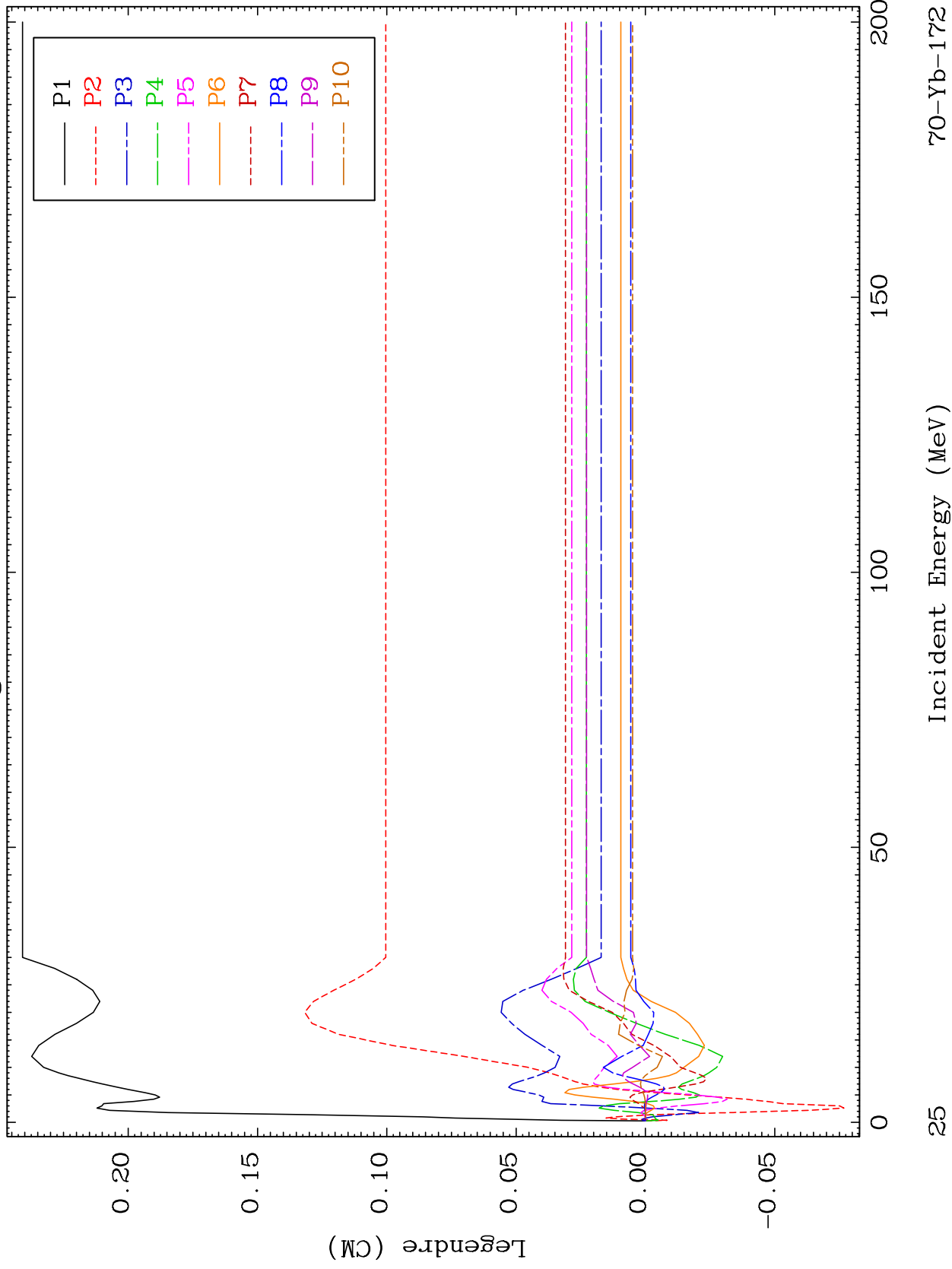
70-Yb-172



MAT 7037

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

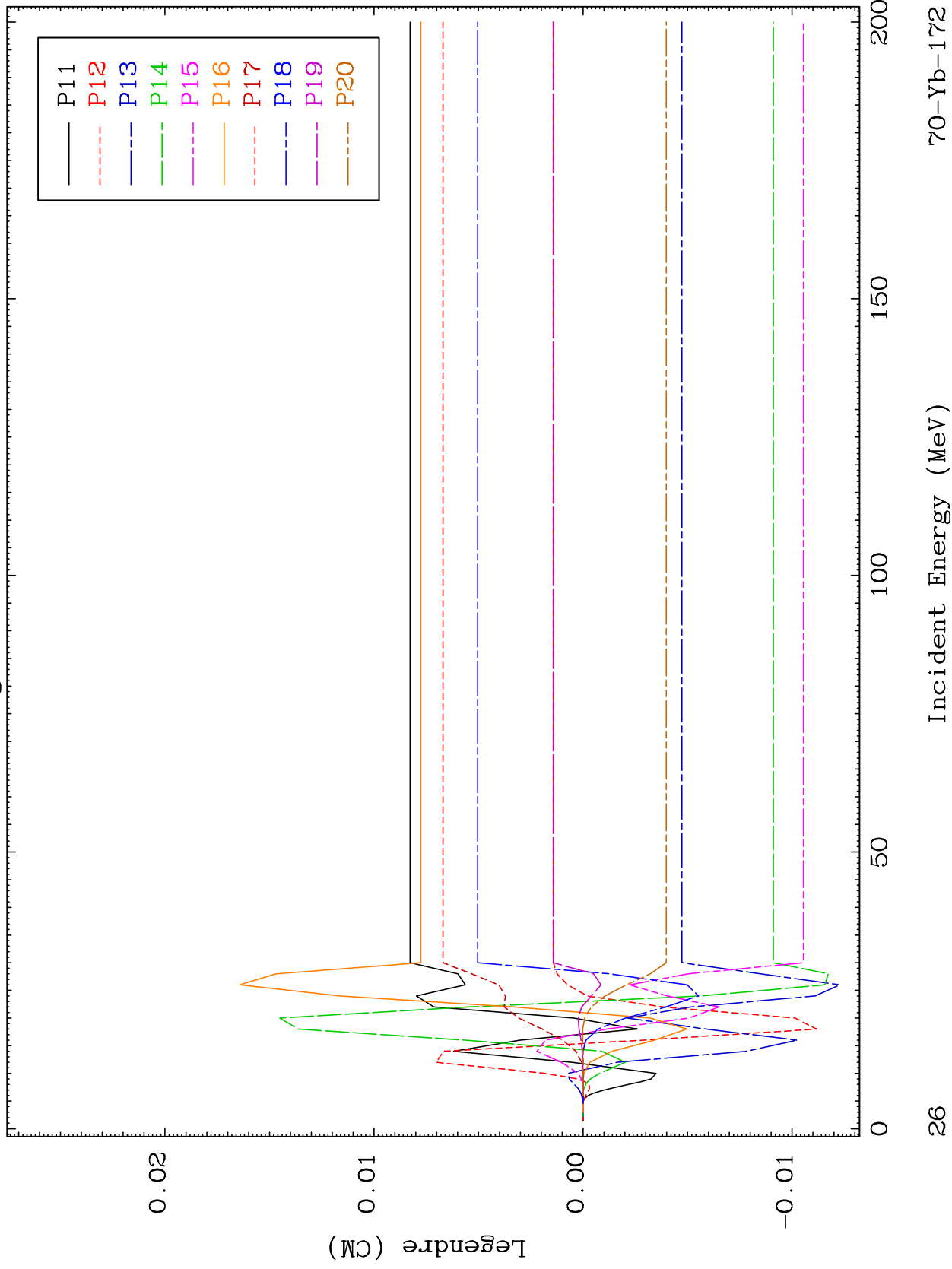
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MAT 7037

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

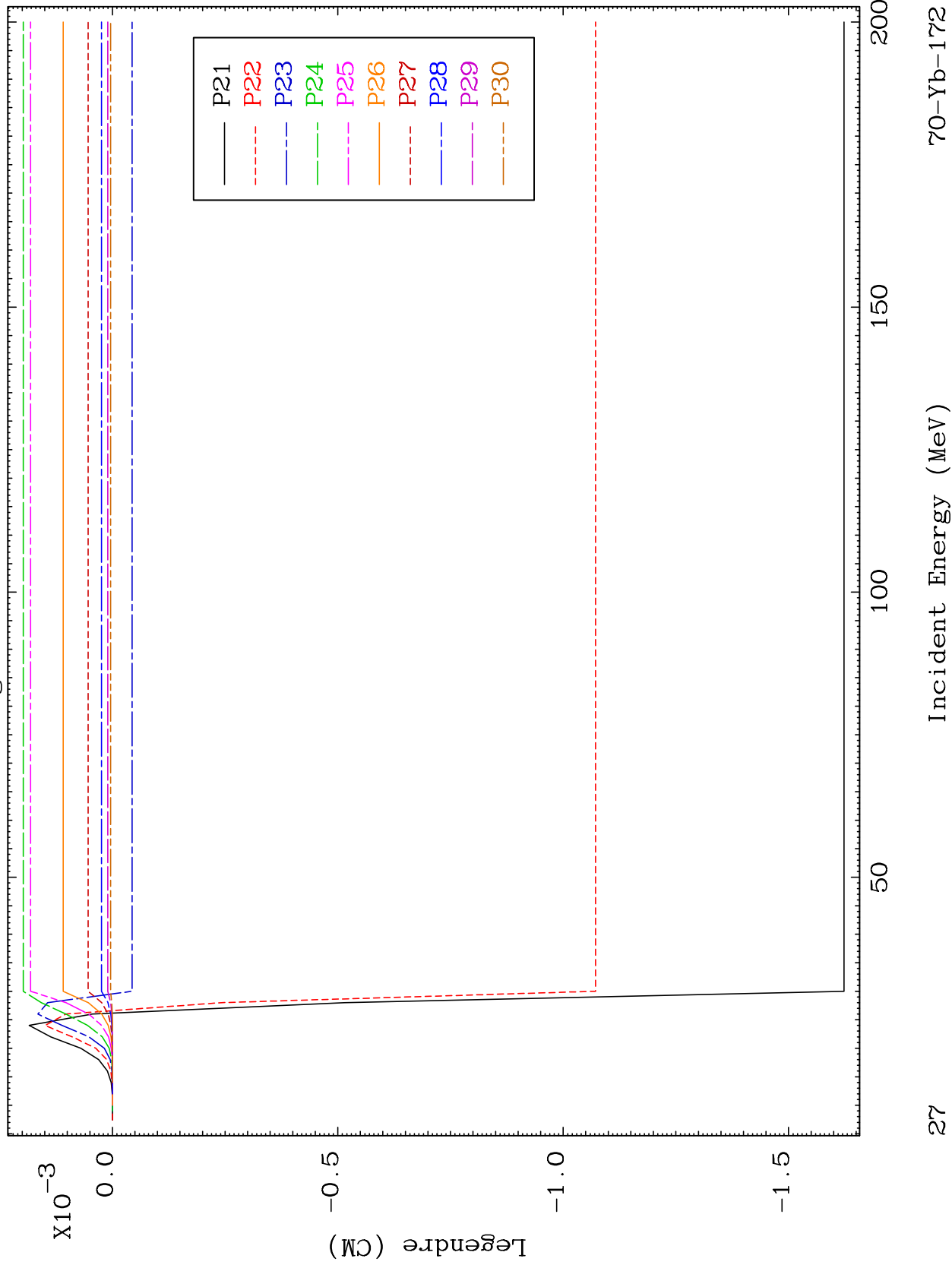
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MAT 7037

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

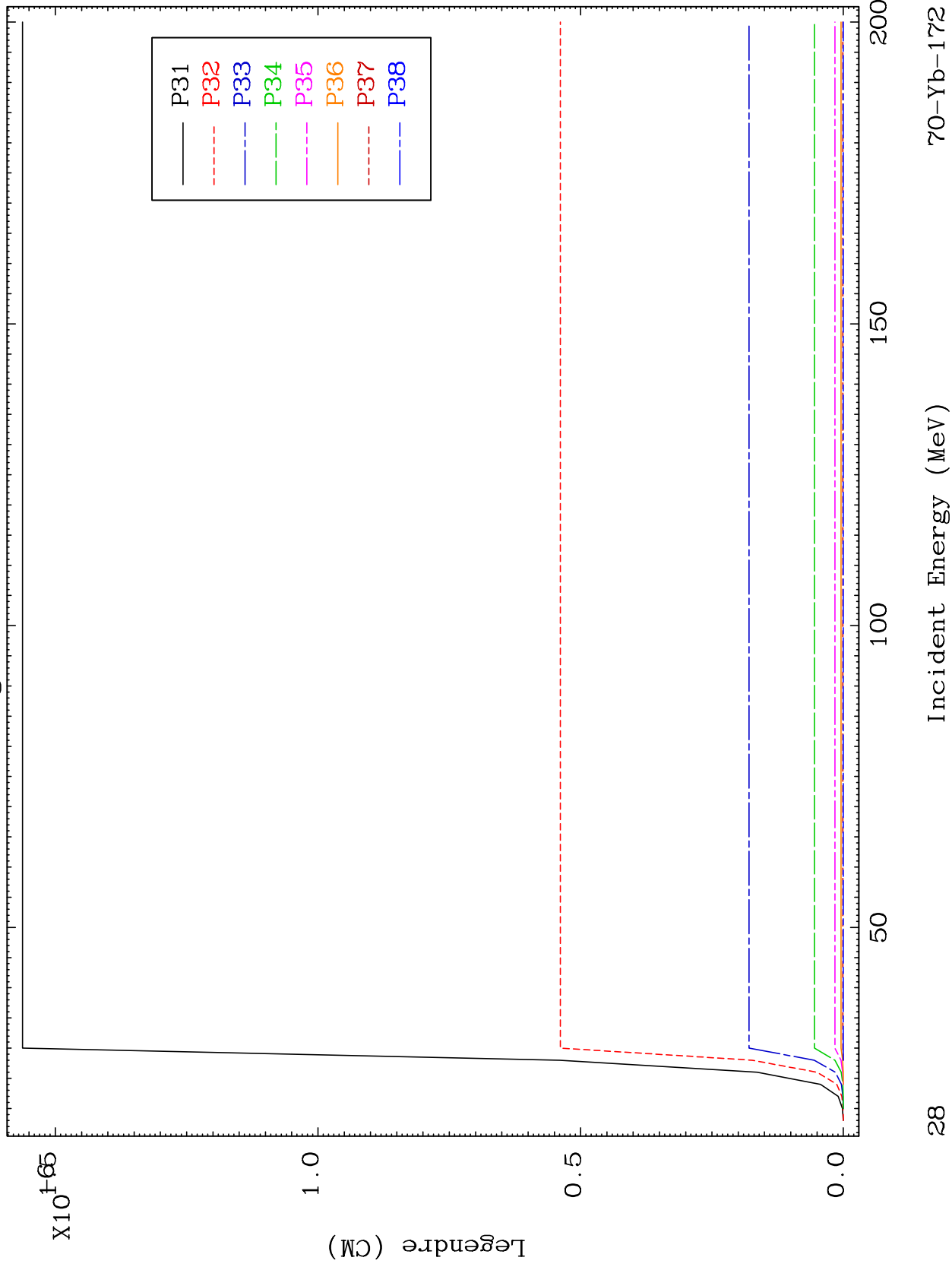
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MAT 7037

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

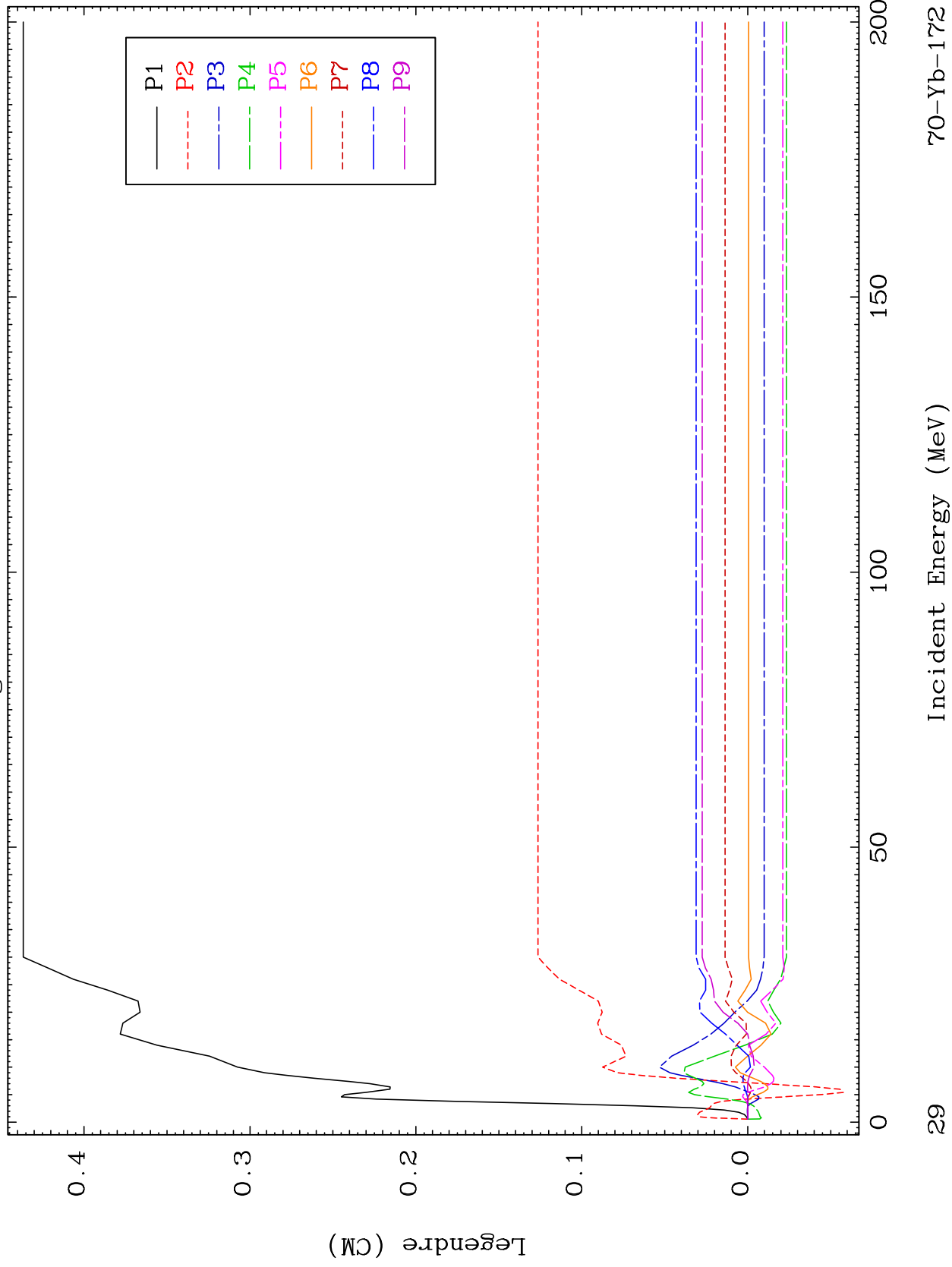
70-Yb-172



MAT 7037

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

70-Yb-172



29

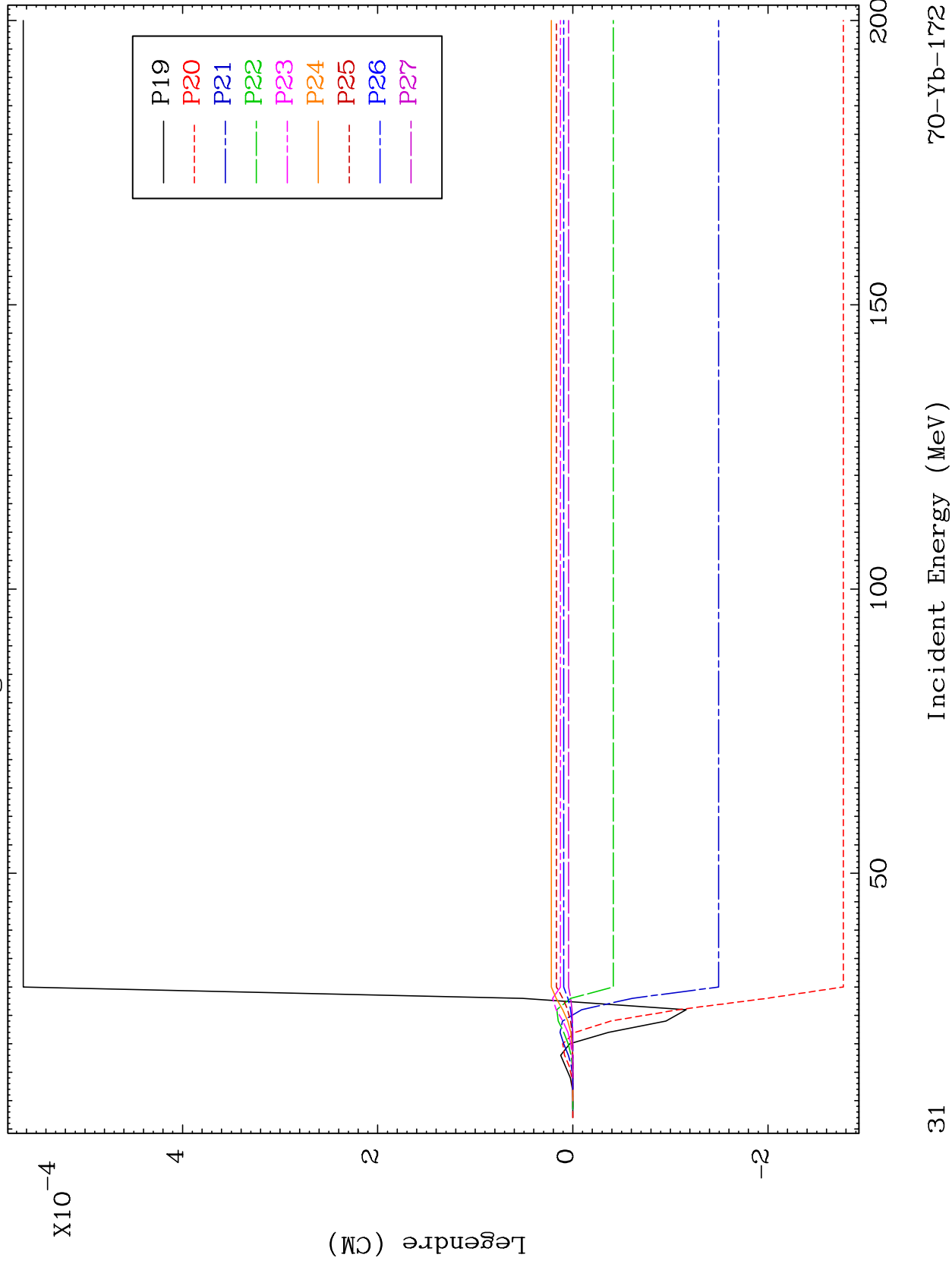
Incident Energy (MeV)

70-Yb-172

MAT 7037

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

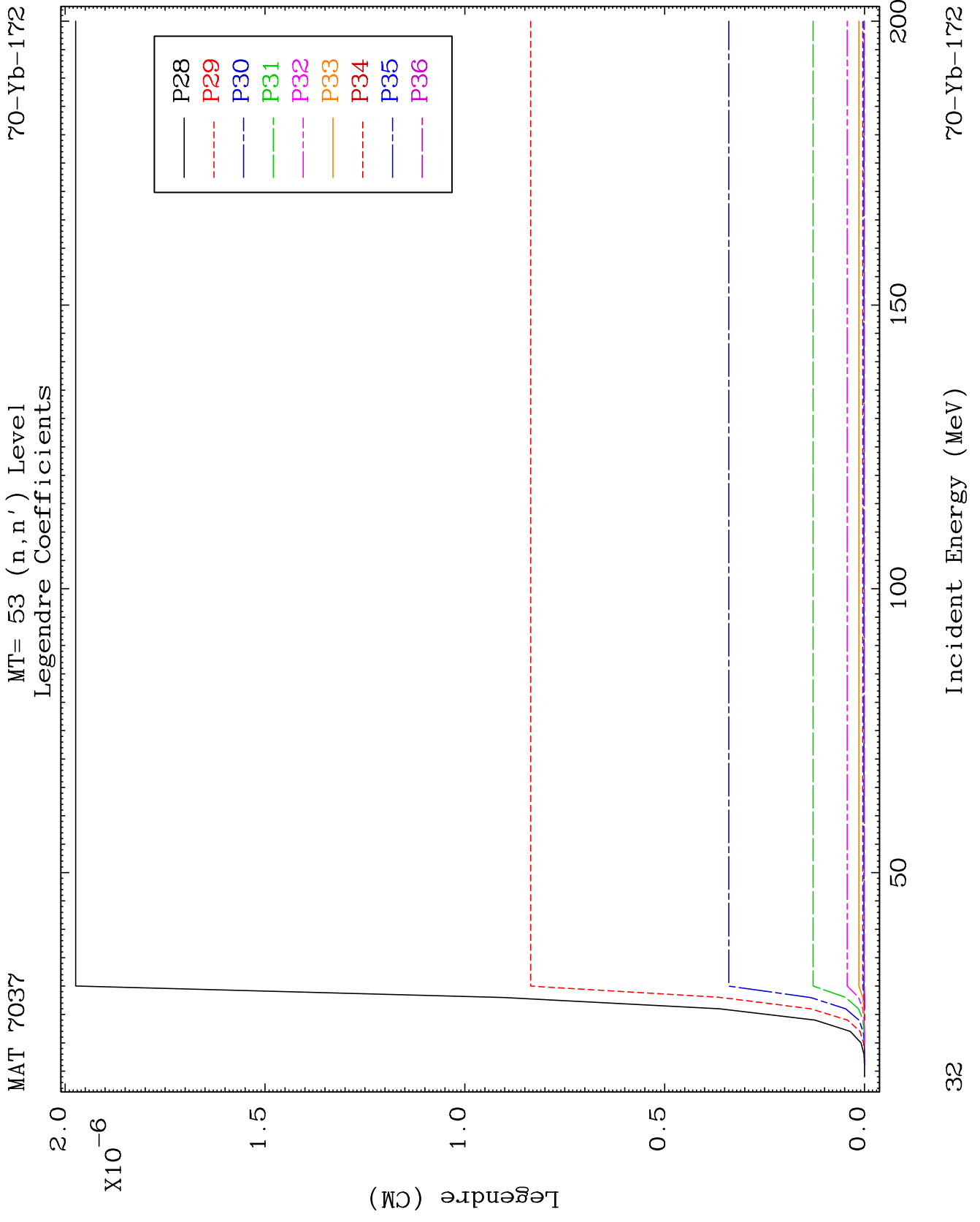
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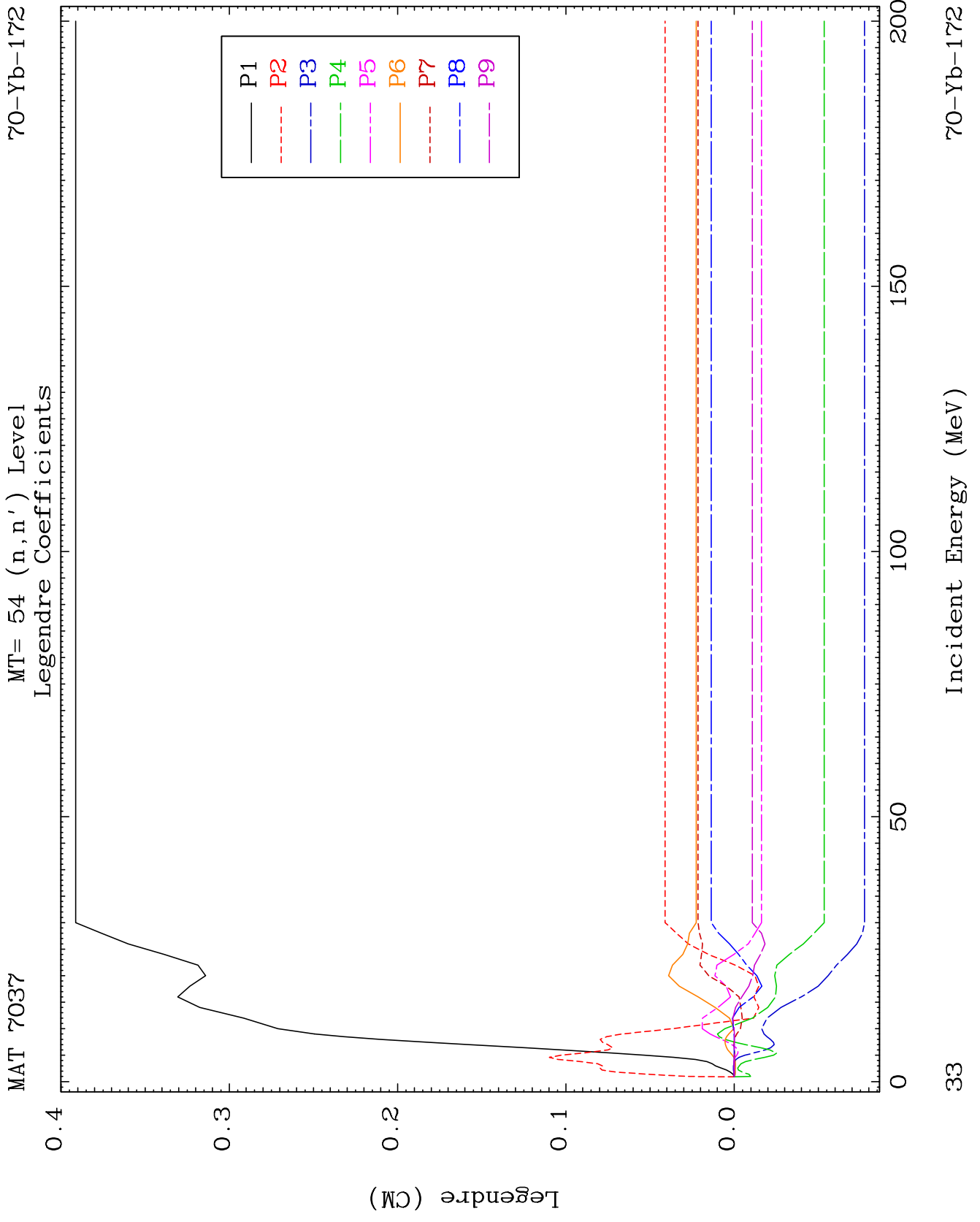


31

Incident Energy (MeV)

70-Yb-172

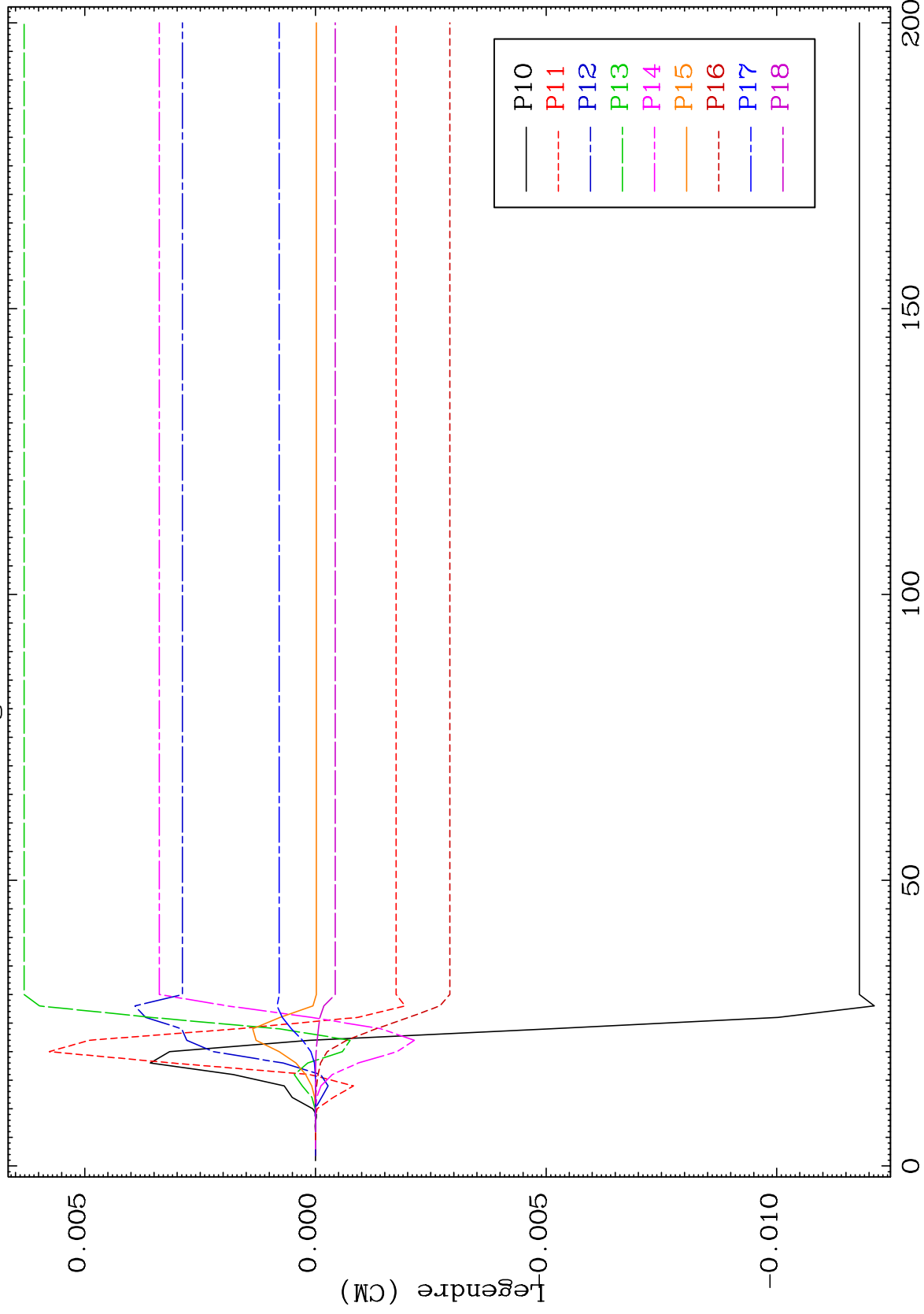




MAT 7037

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

70-Yb-172



34

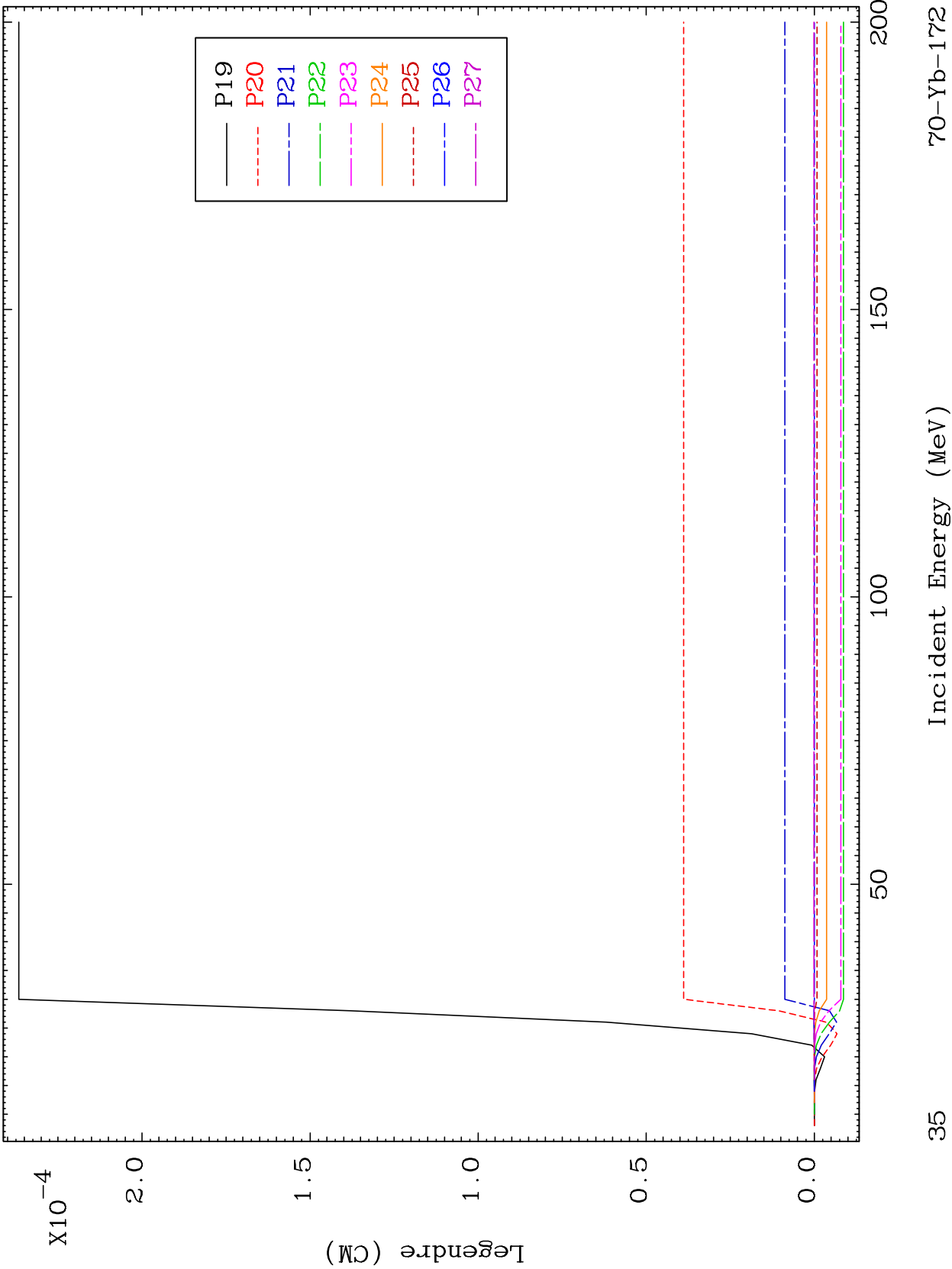
Incident Energy (MeV)

70-Yb-172

MAT 7037

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

70-Yb-172



35

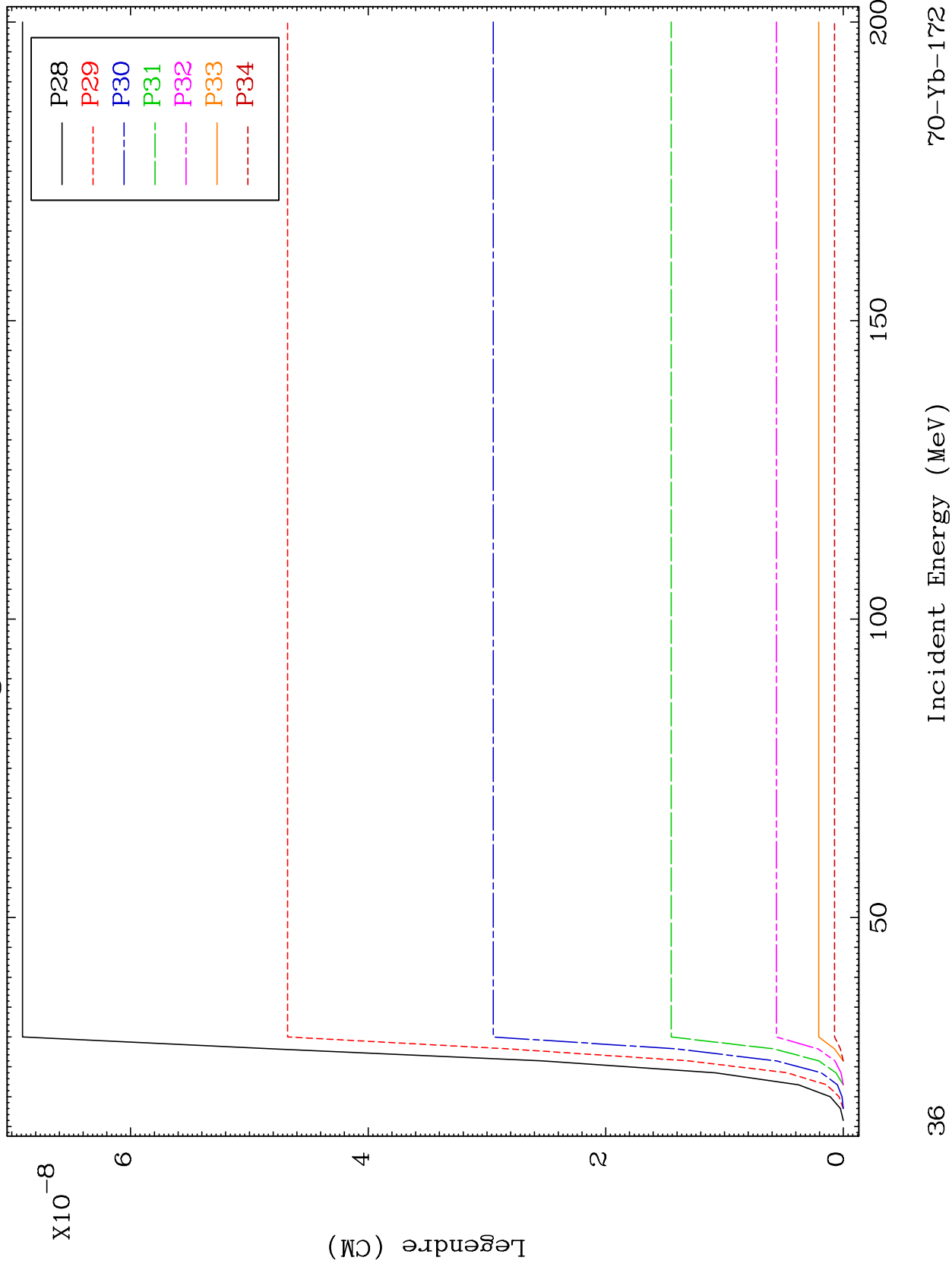
Incident Energy (MeV)

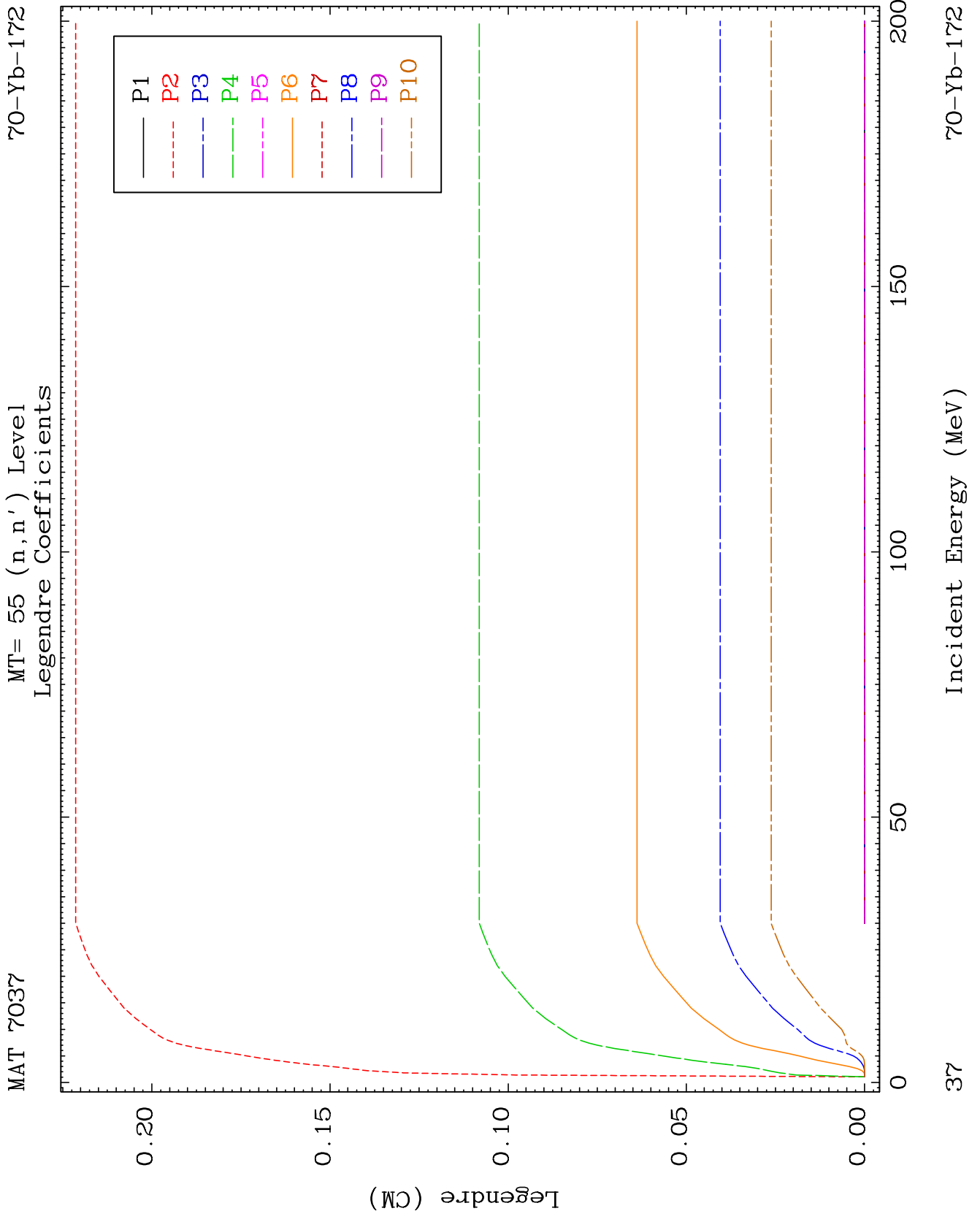
70-Yb-172

MAT 7037

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

70-Yb-172

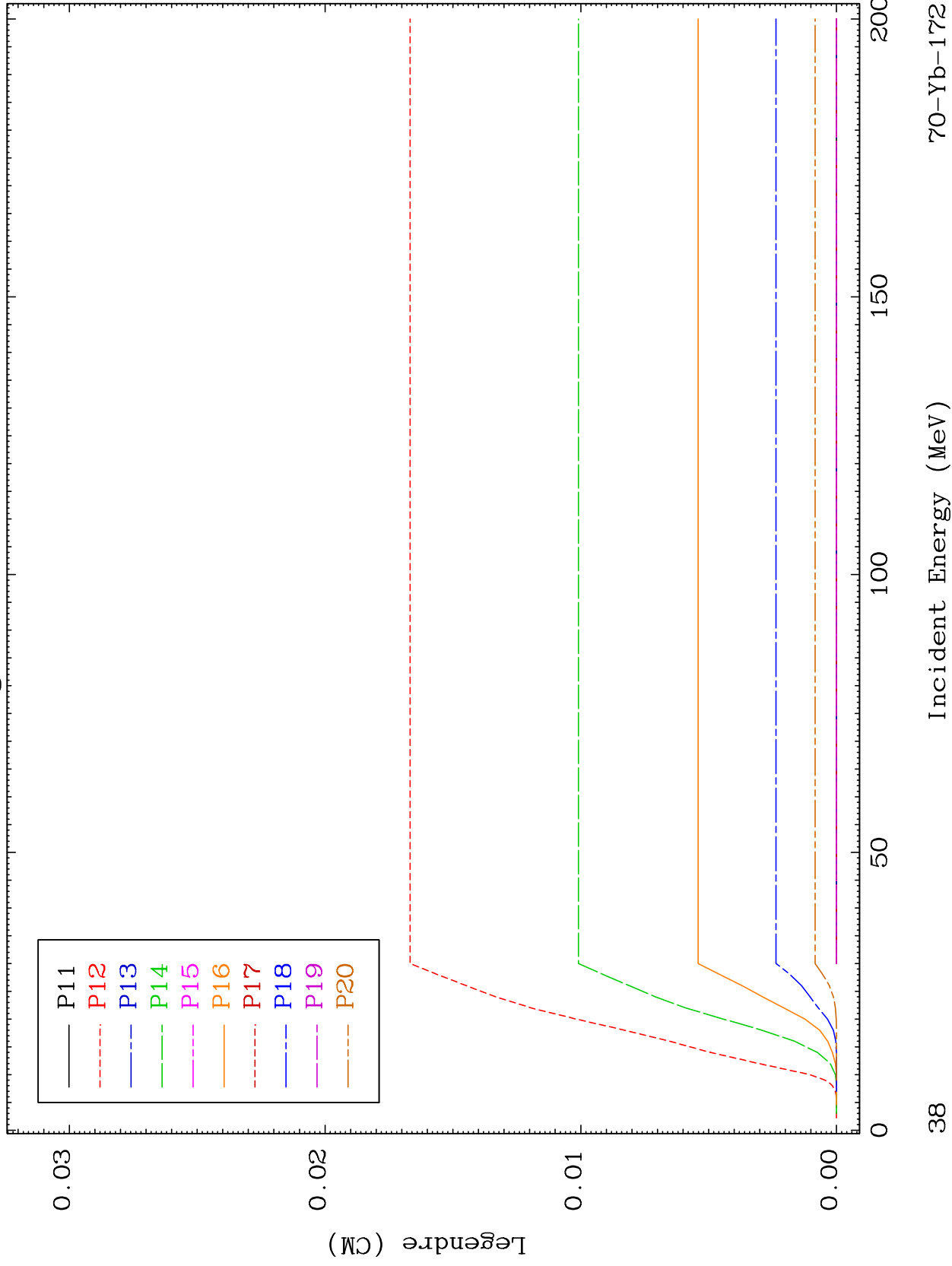




MAT 7037

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

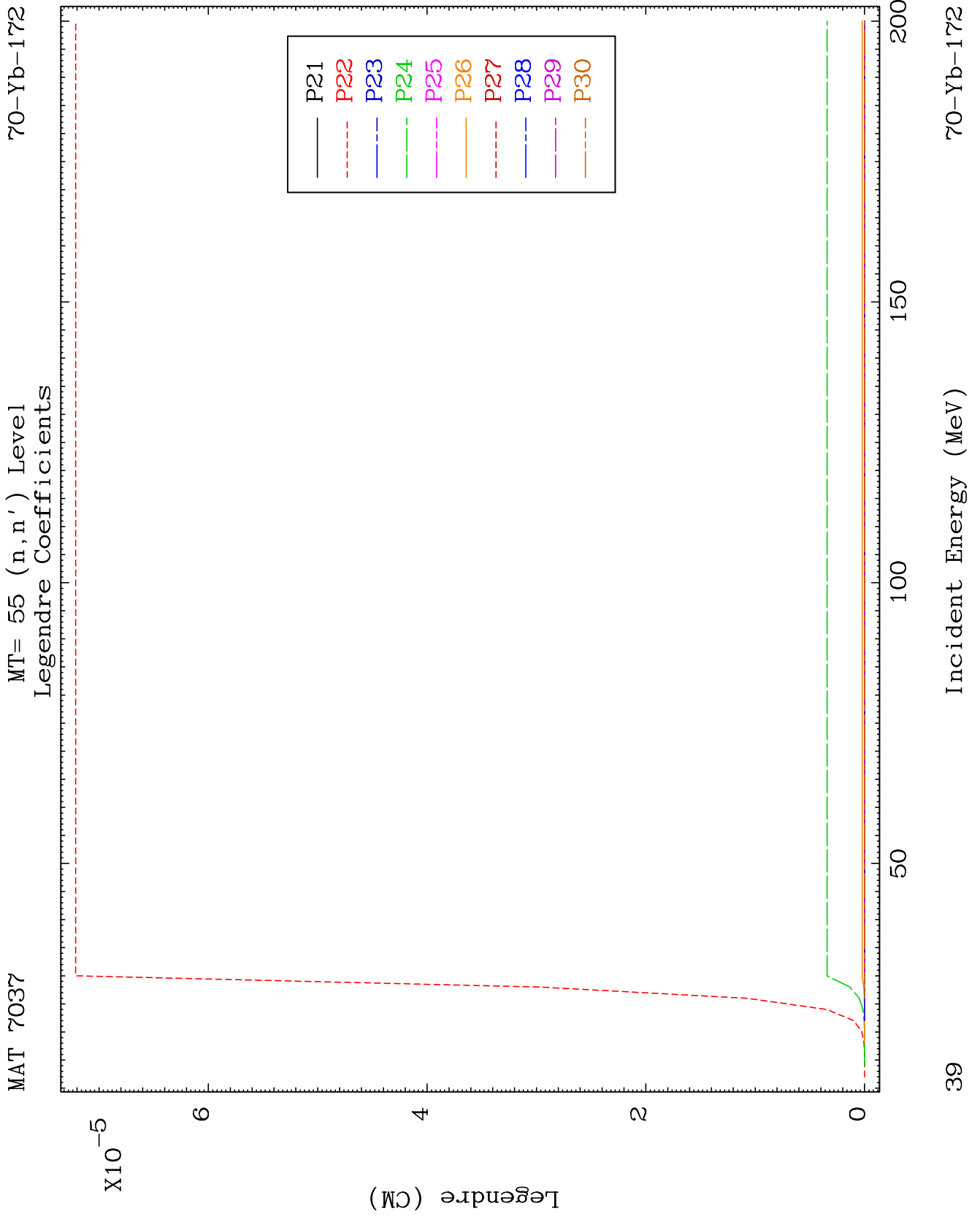
70-Yb-172



38

Incident Energy (MeV)

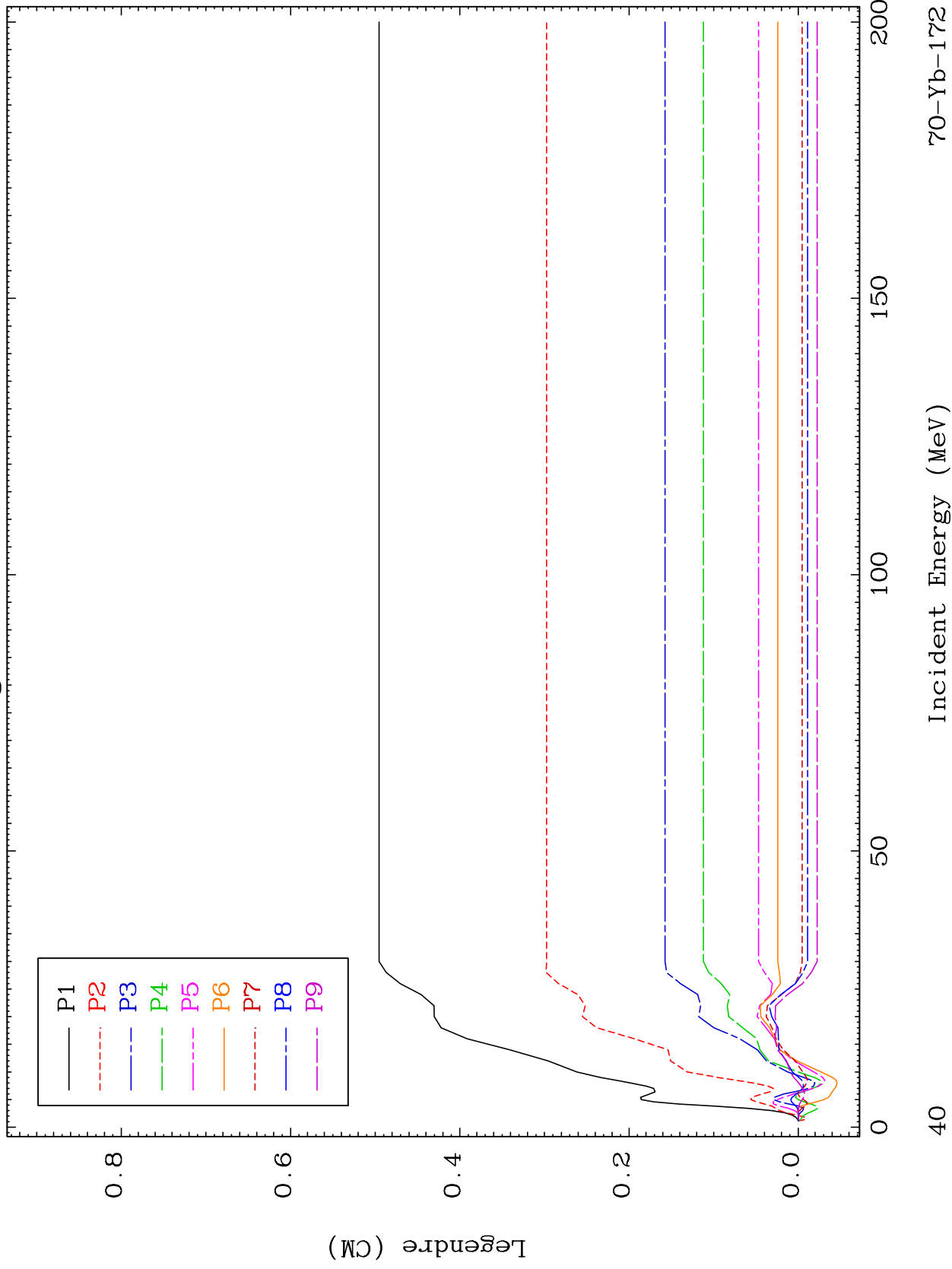
70-Yb-172



MAT 7037

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

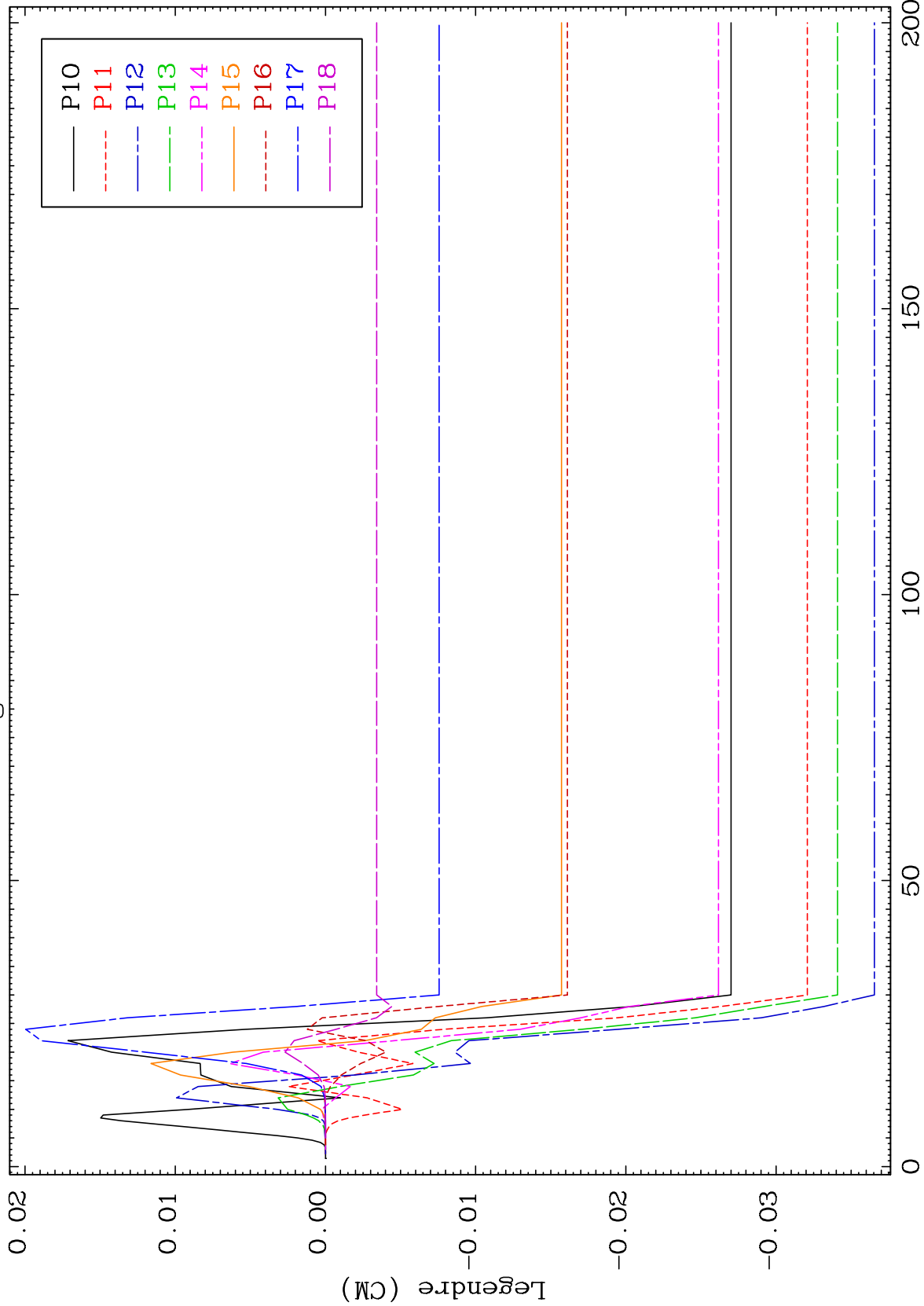
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MAT 7037

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

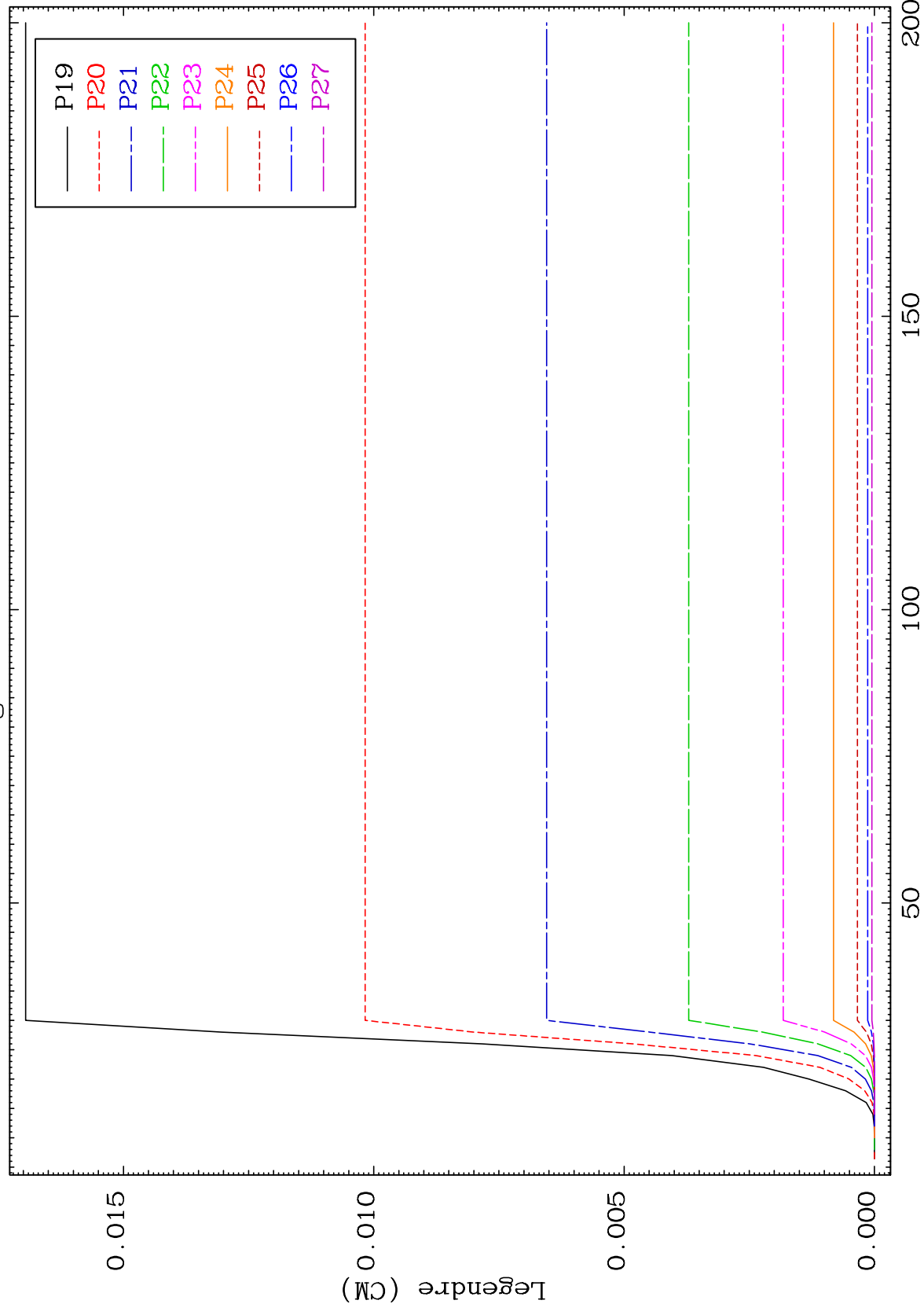
70-Yb-172



MAT 7037

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

70-Yb-172



42

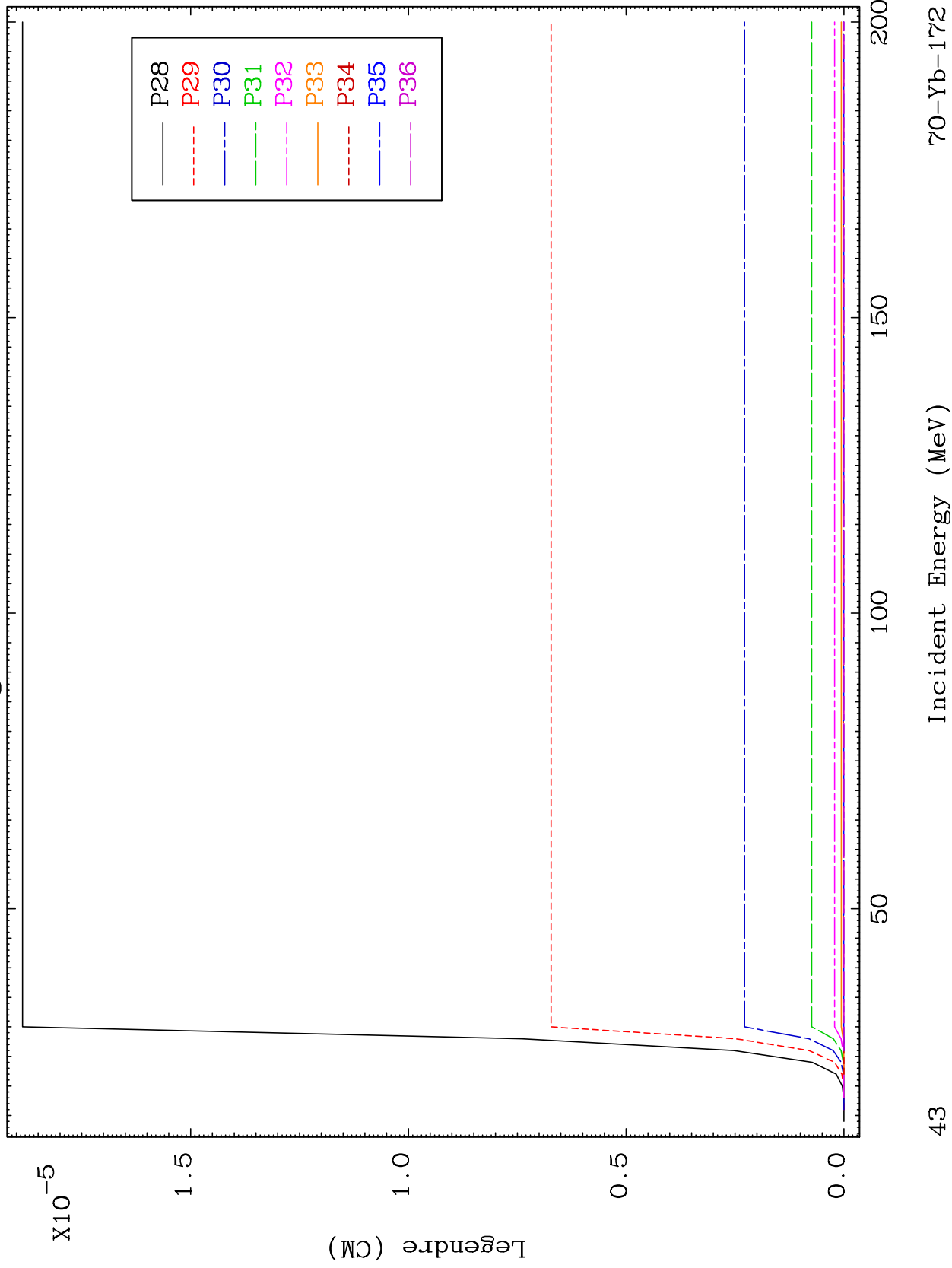
Incident Energy (MeV)

70-Yb-172

MAT 7037

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

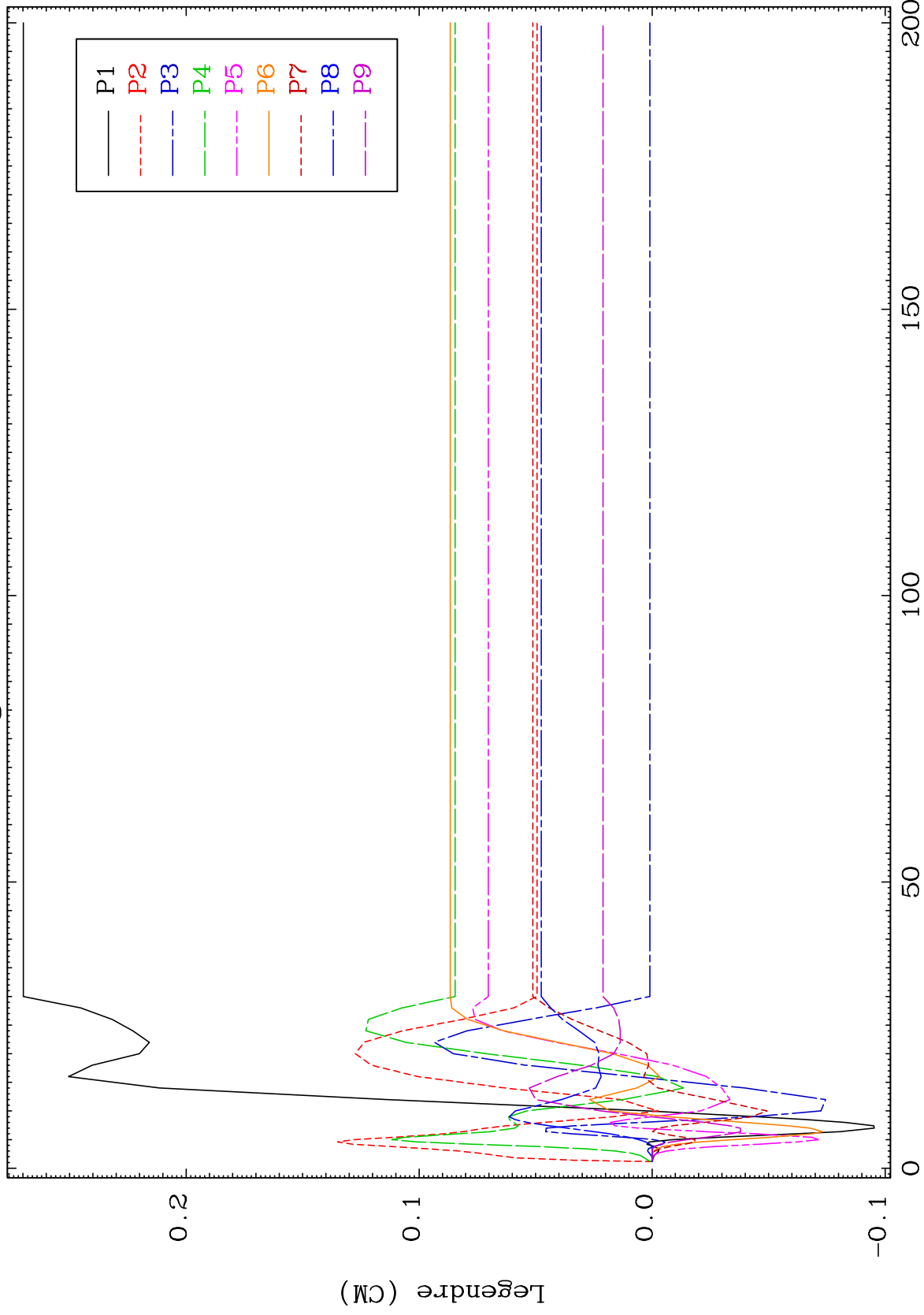
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MAT 7037

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

70-Yb-172



44

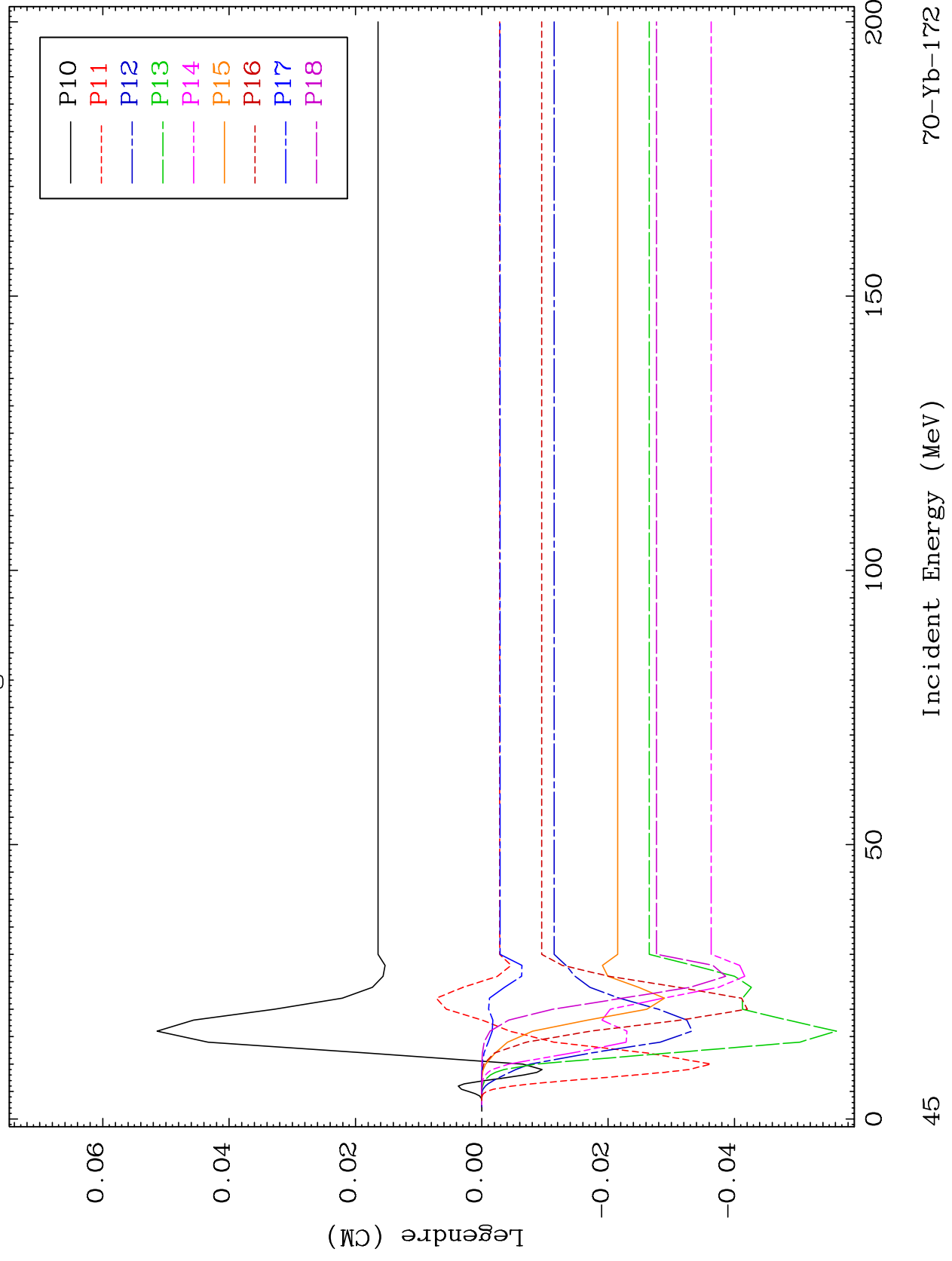
Incident Energy (MeV)

70-Yb-172

MAT 7037

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

70-Yb-172



70-Yb-172

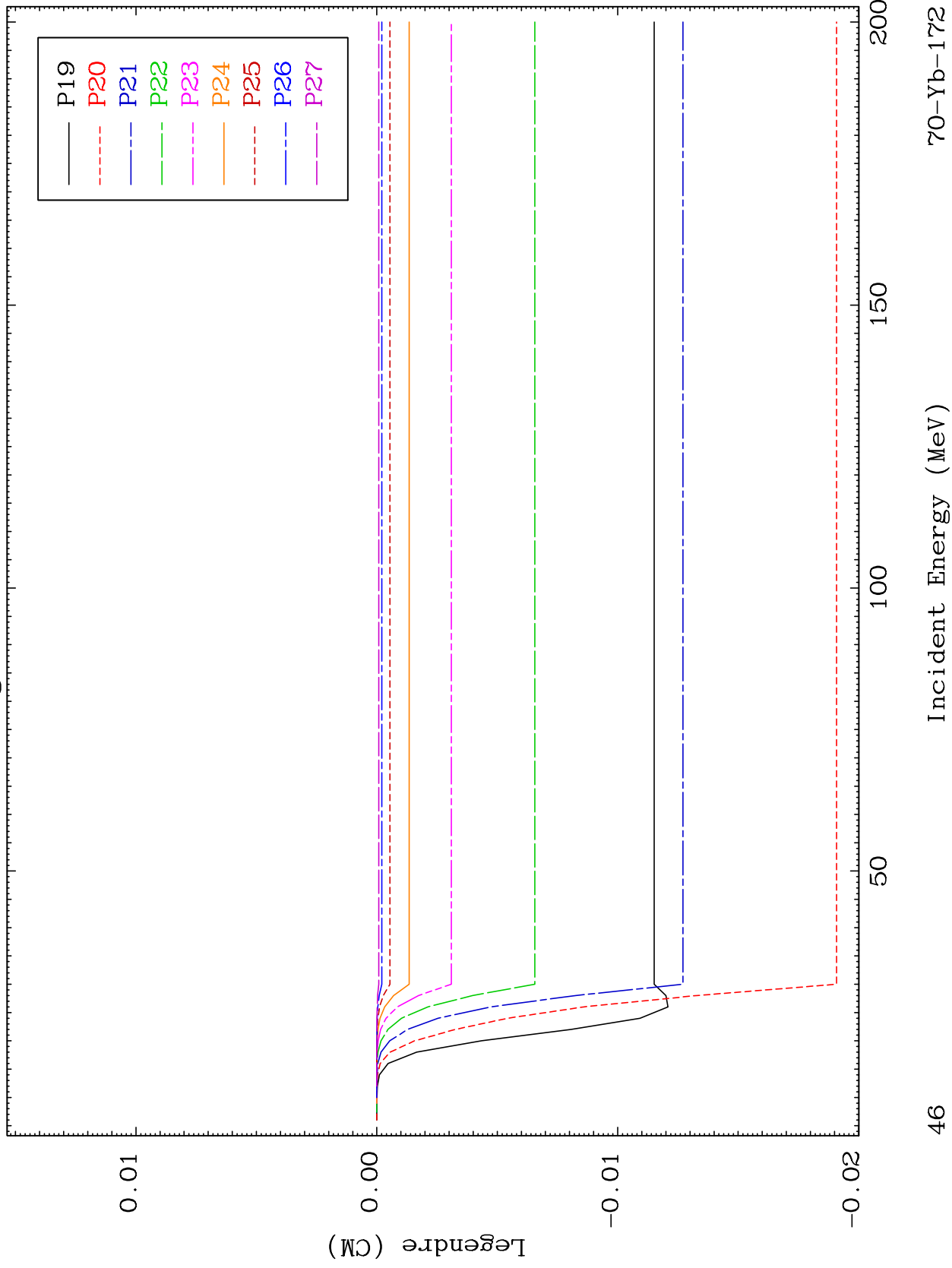
Incident Energy (MeV)

45

MAT 7037

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

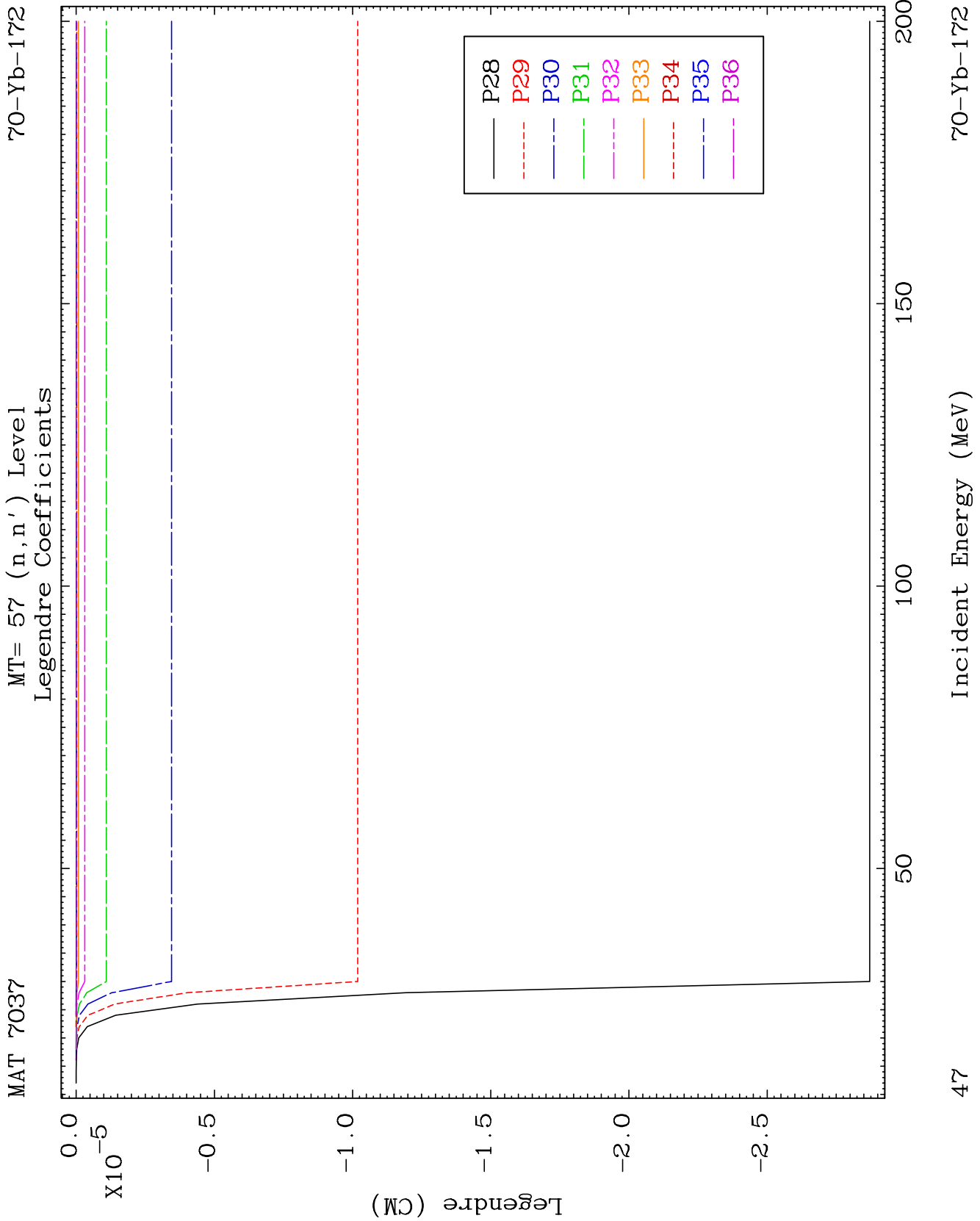
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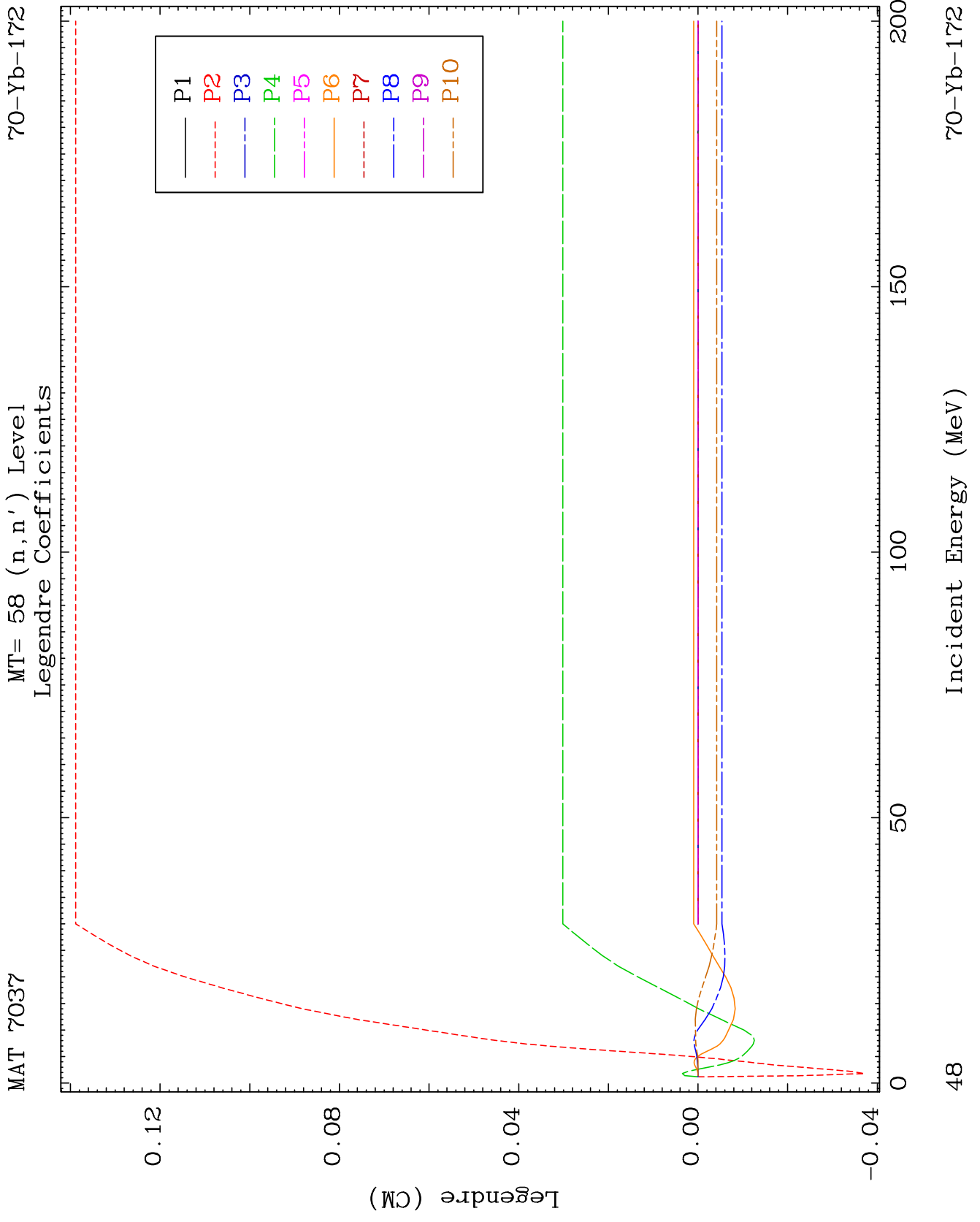


46

Incident Energy (MeV)

70-Yb-172

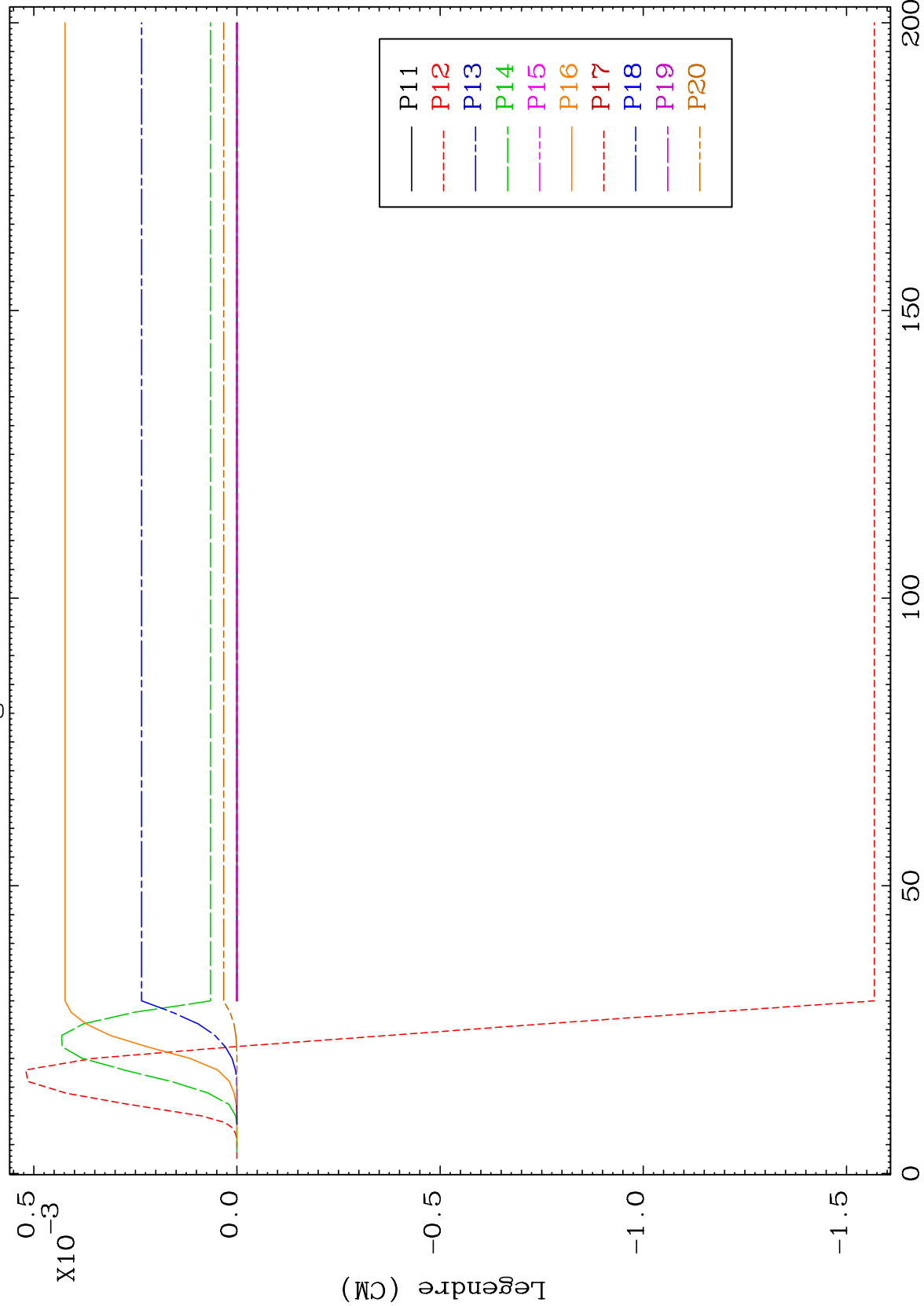




MAT 7037

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

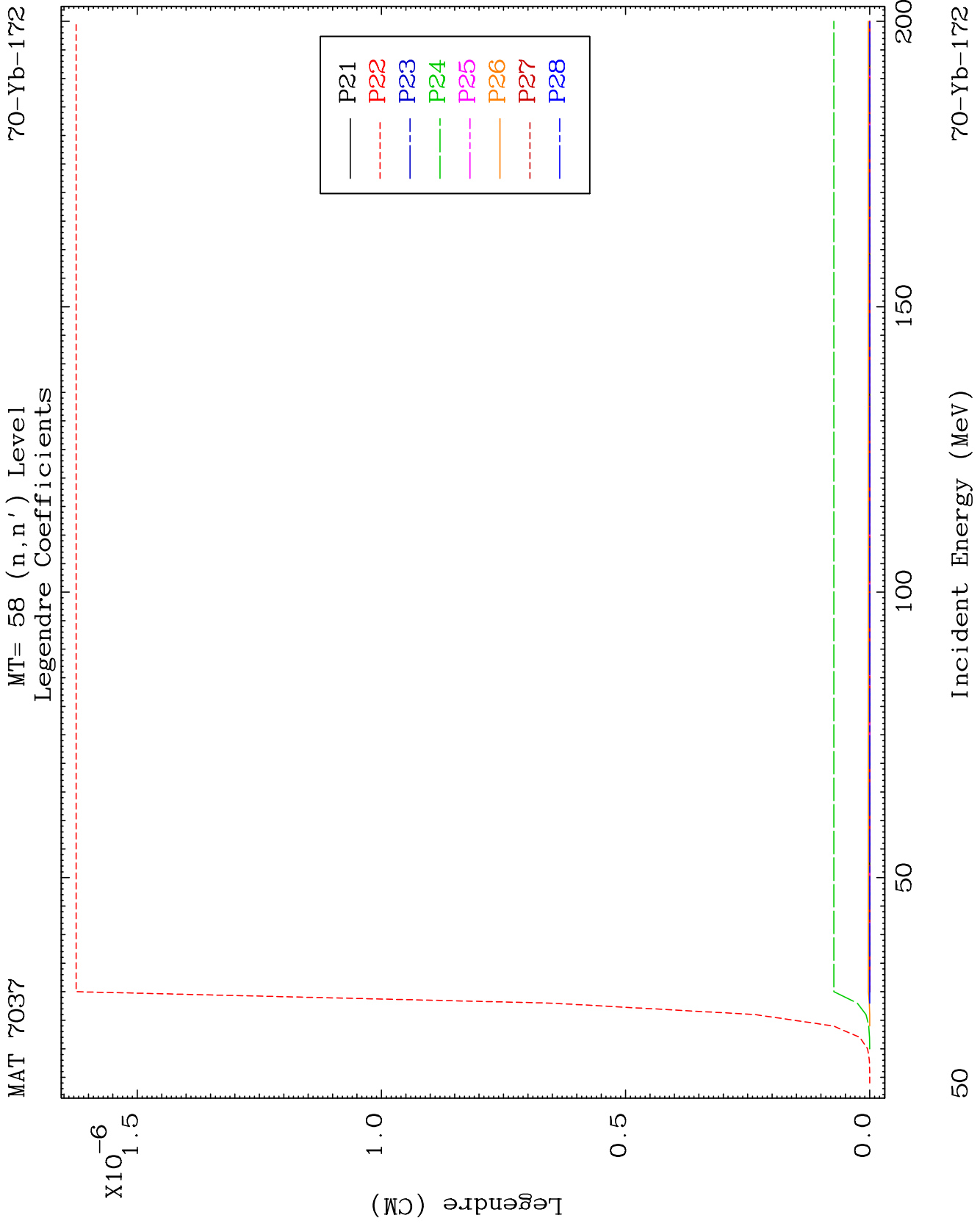
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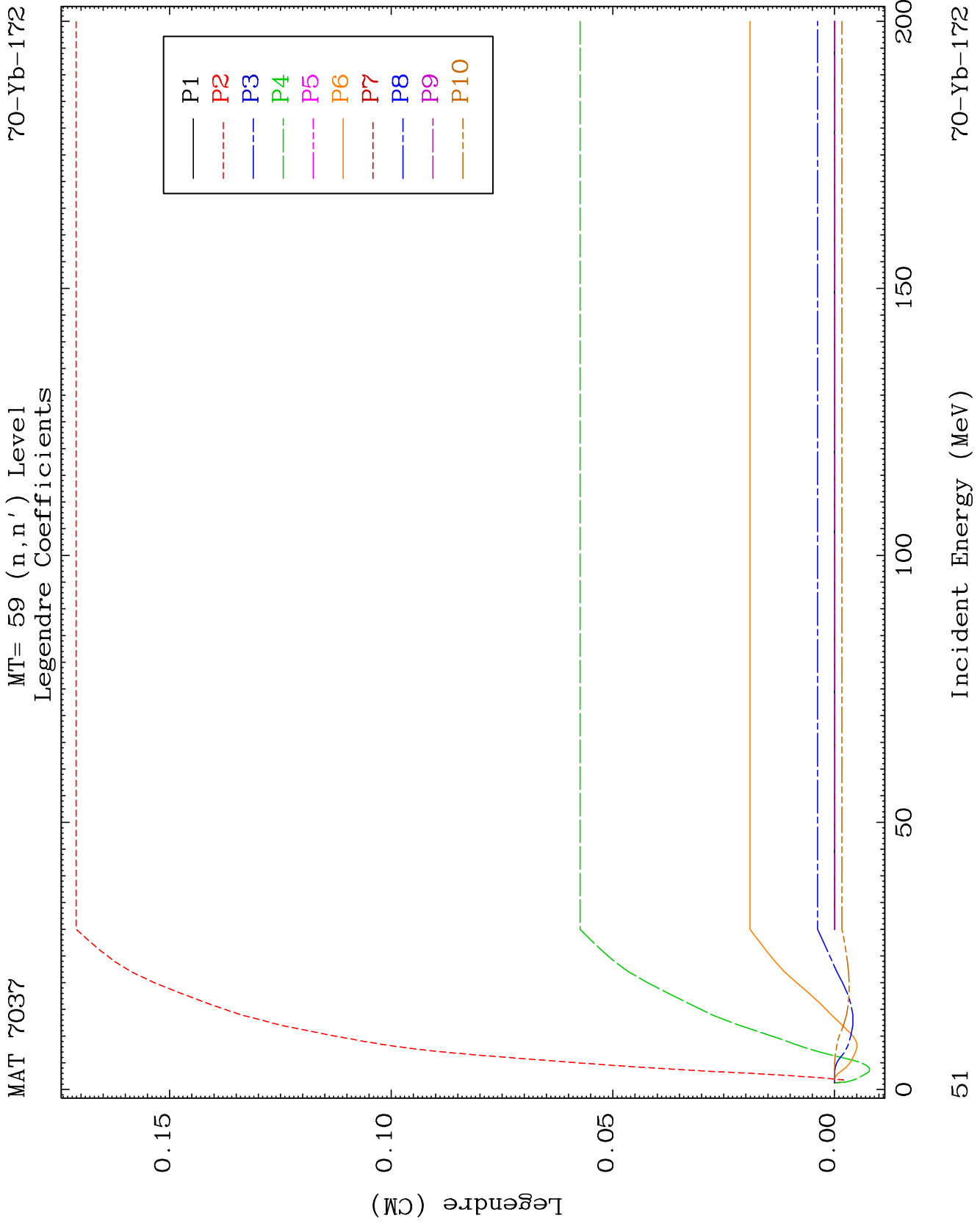


49

Incident Energy (MeV)

70-Yb-172

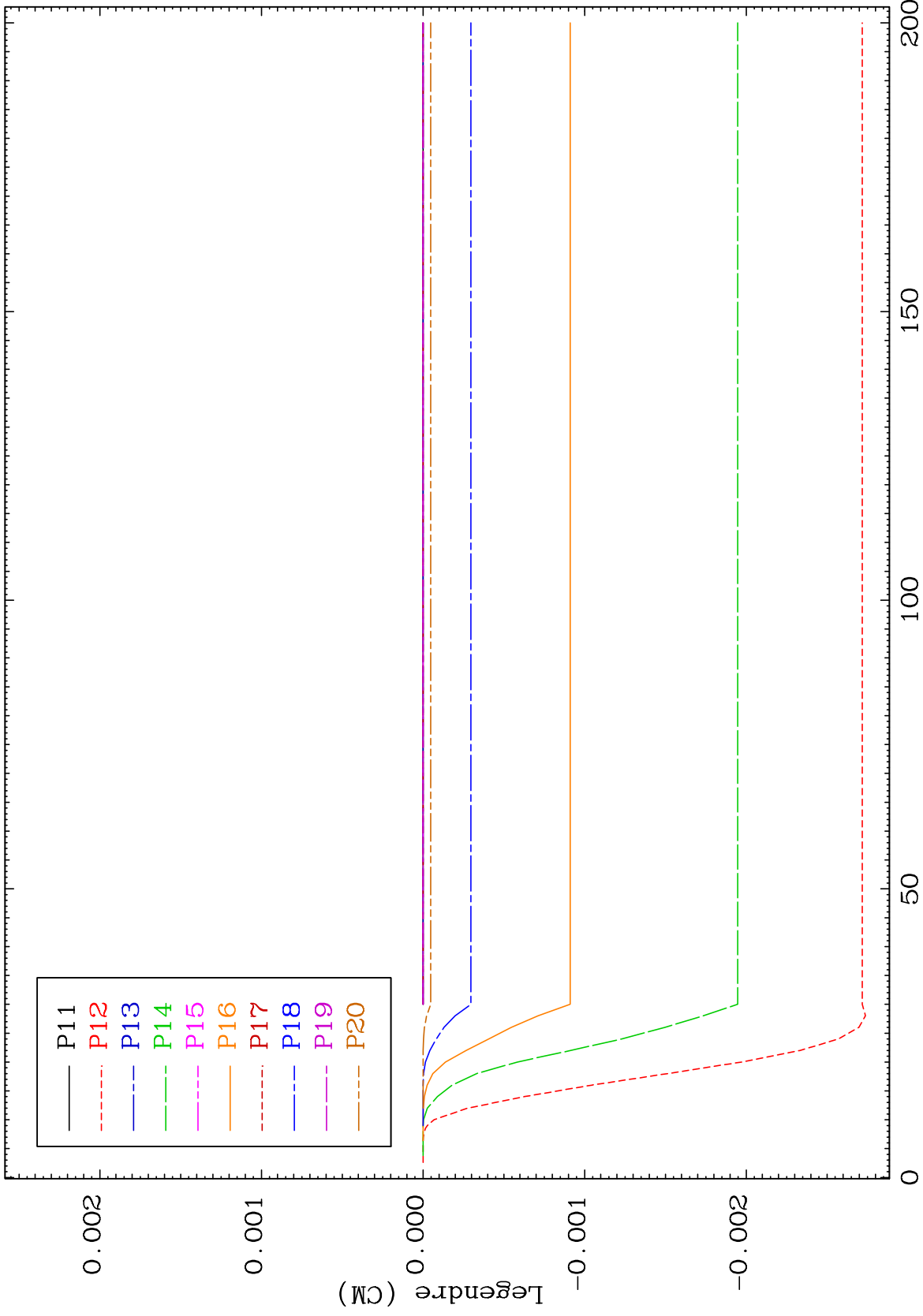




MAT 7037

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

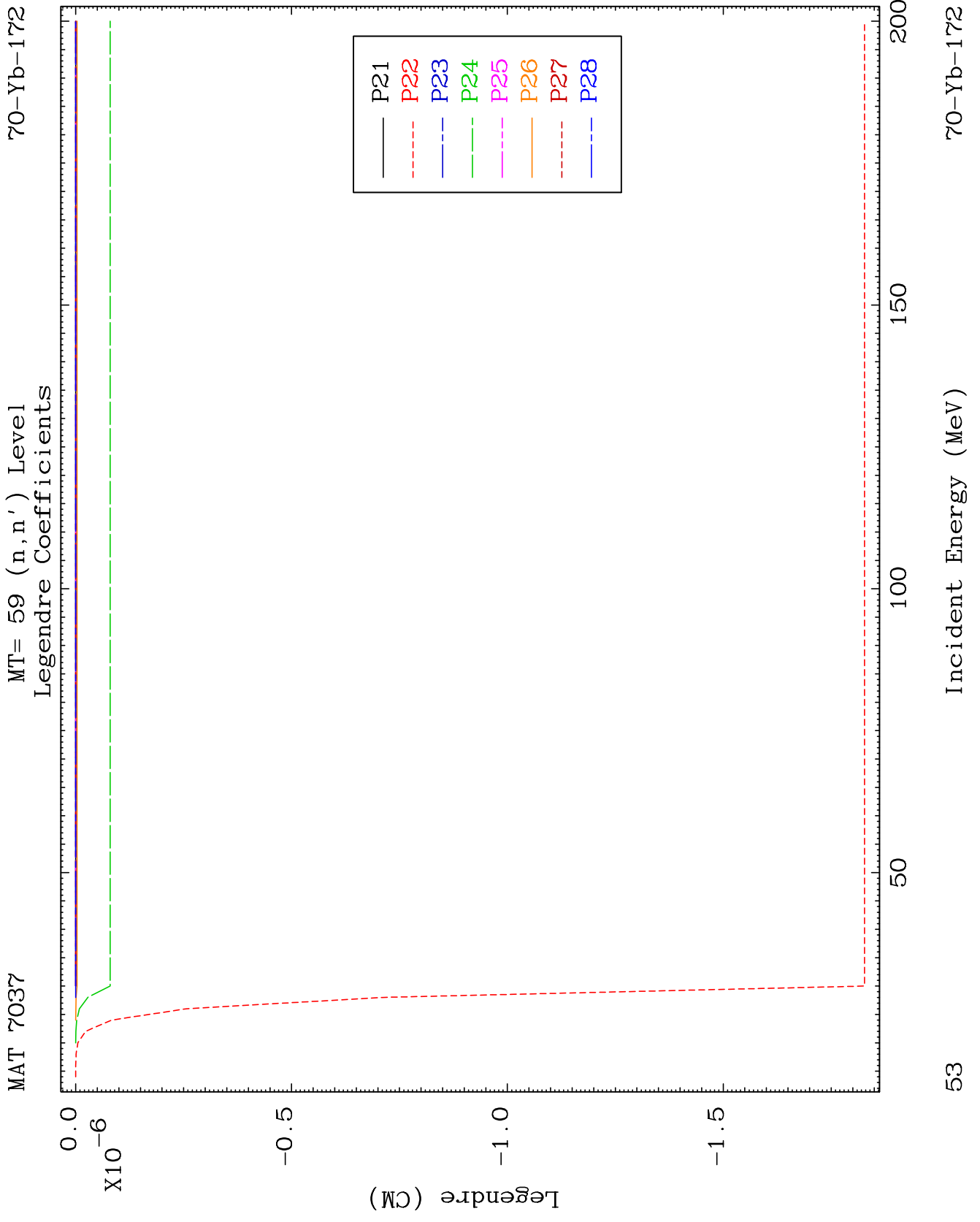
70-Yb-172



52

Incident Energy (MeV)

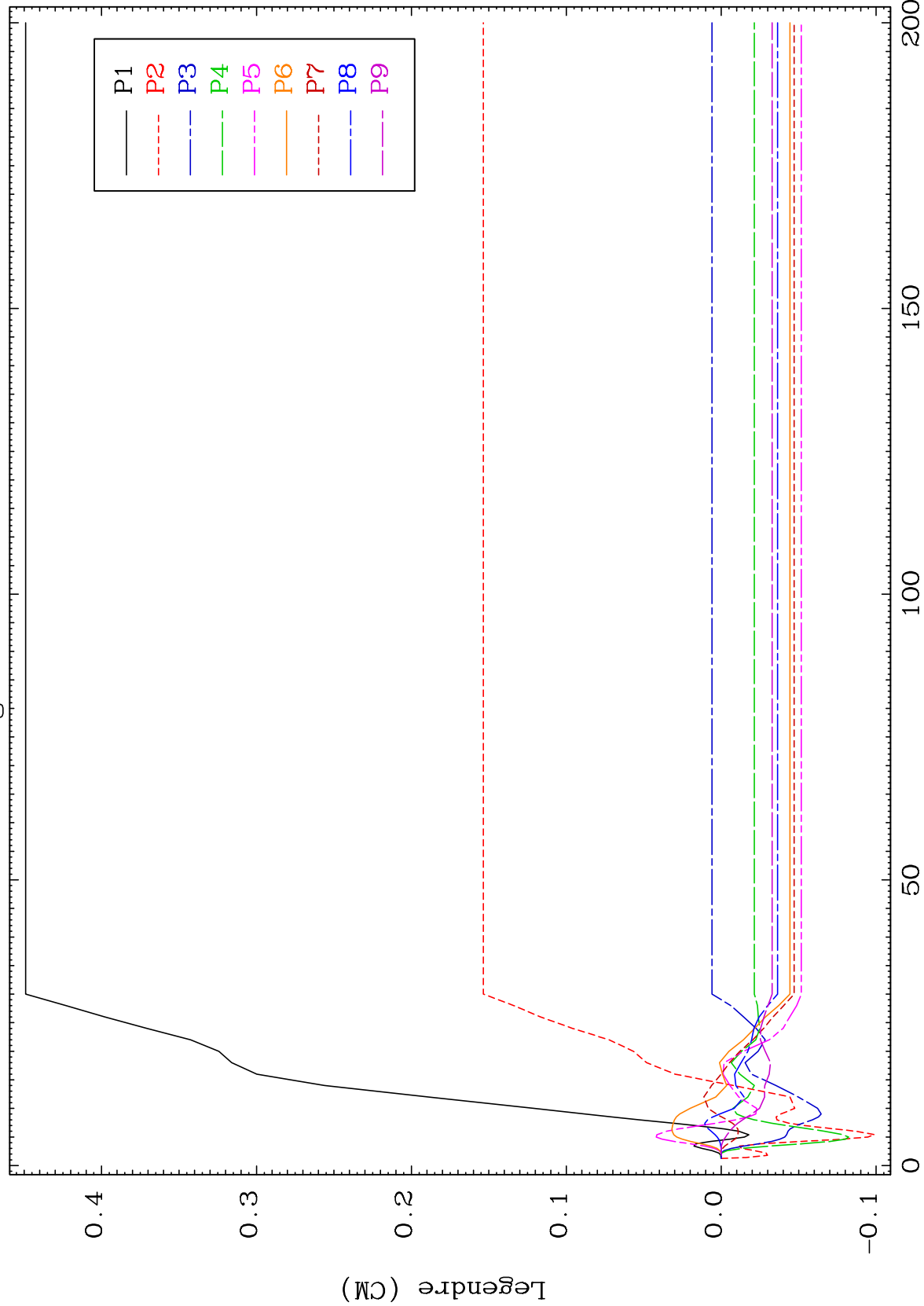
70-Yb-172



MAT 7037

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

70-Yb-172



70-Yb-172

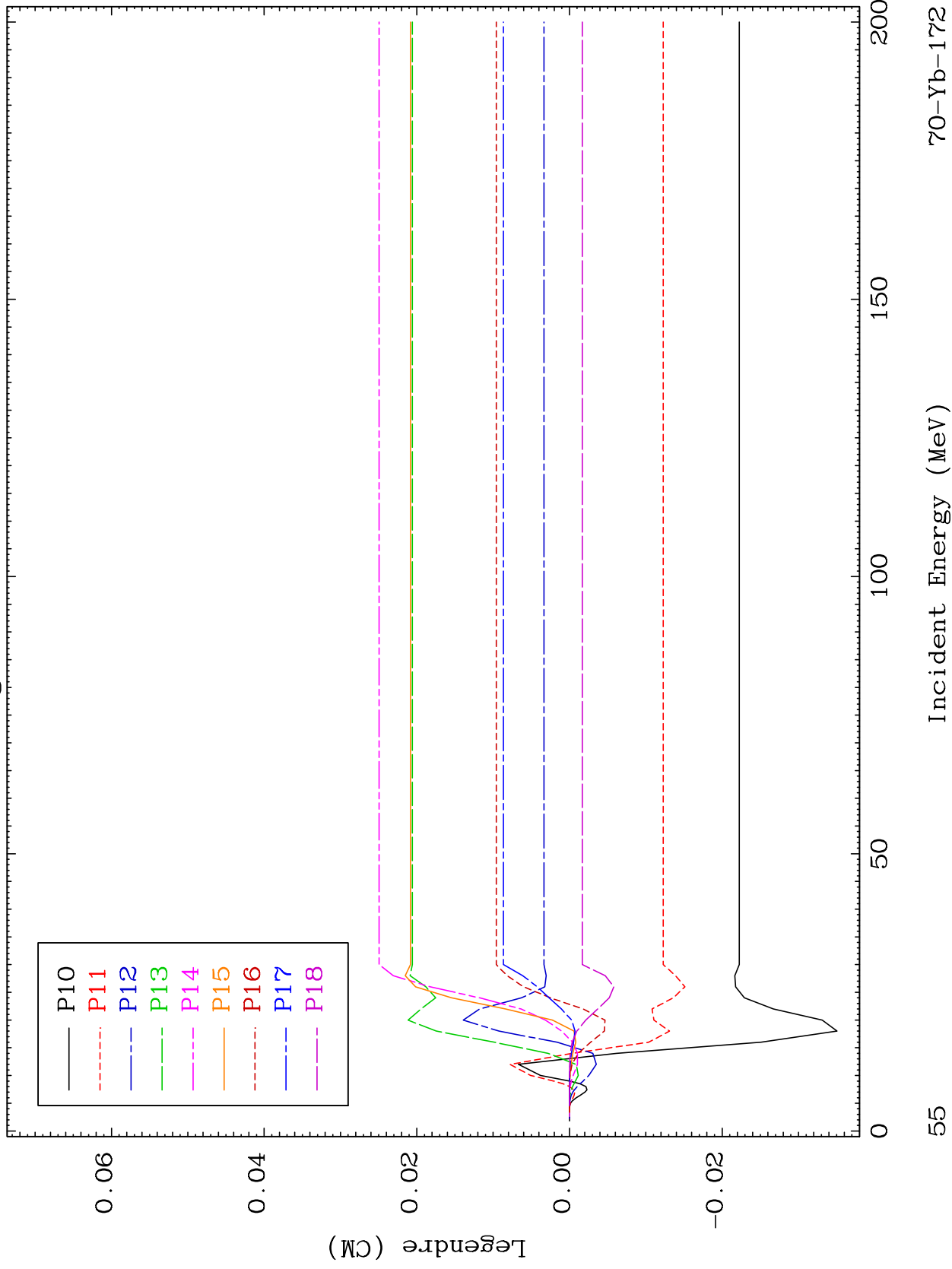
Incident Energy (MeV)

54

MAT 7037

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

70-Yb-172



70-Yb-172

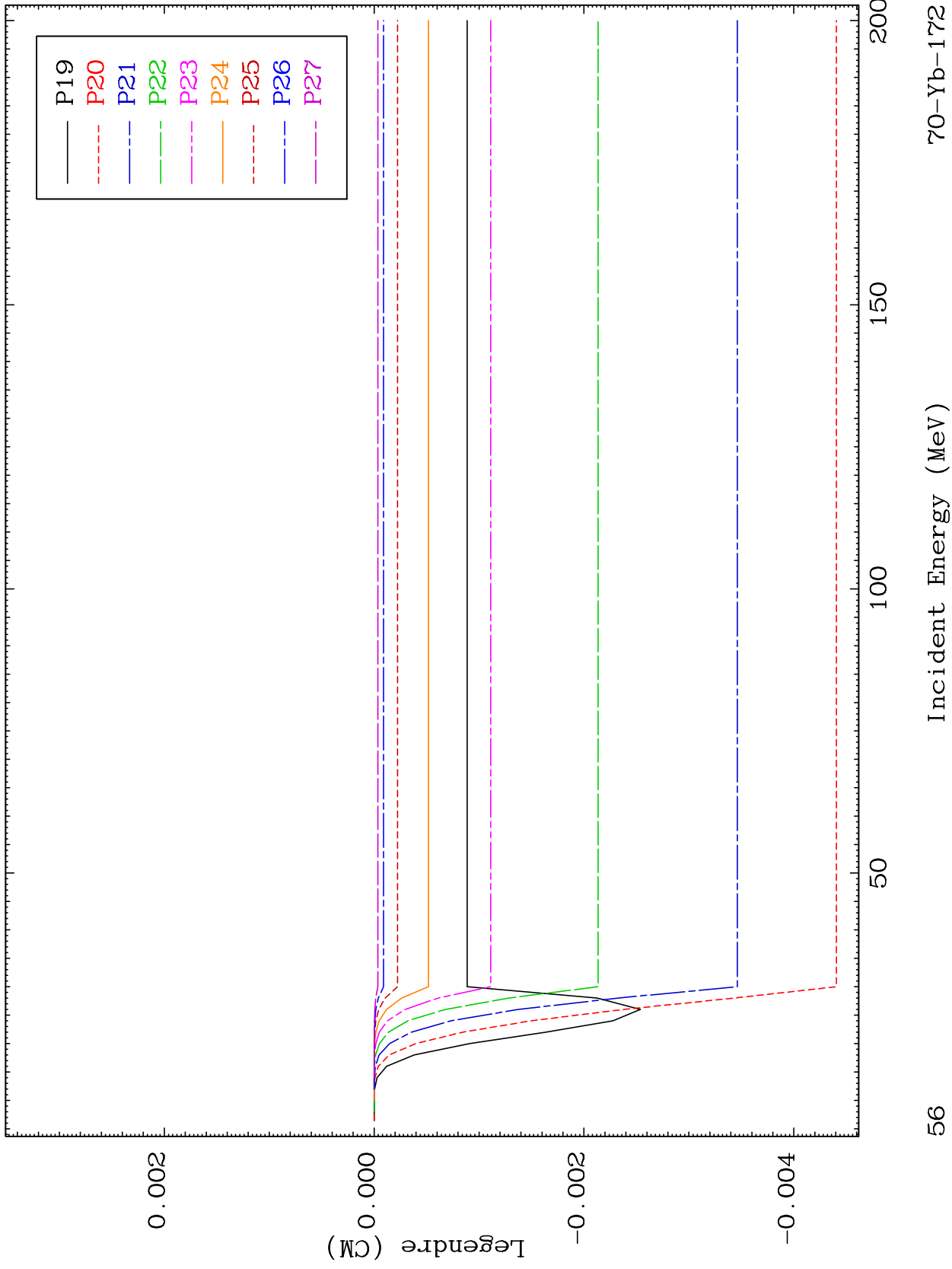
Incident Energy (MeV)

55

MAT 7037

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

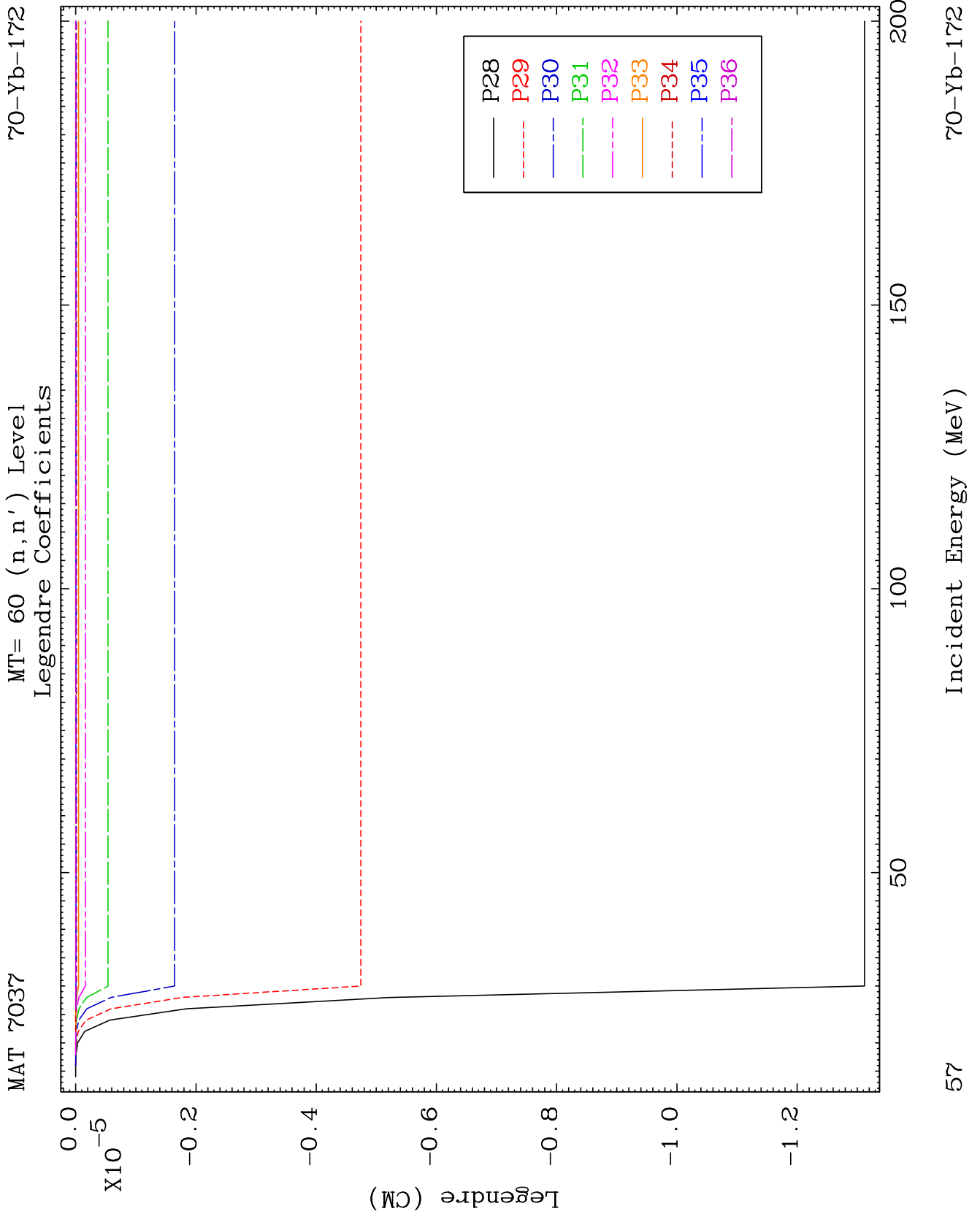
70-Yb-172



56

Incident Energy (MeV)

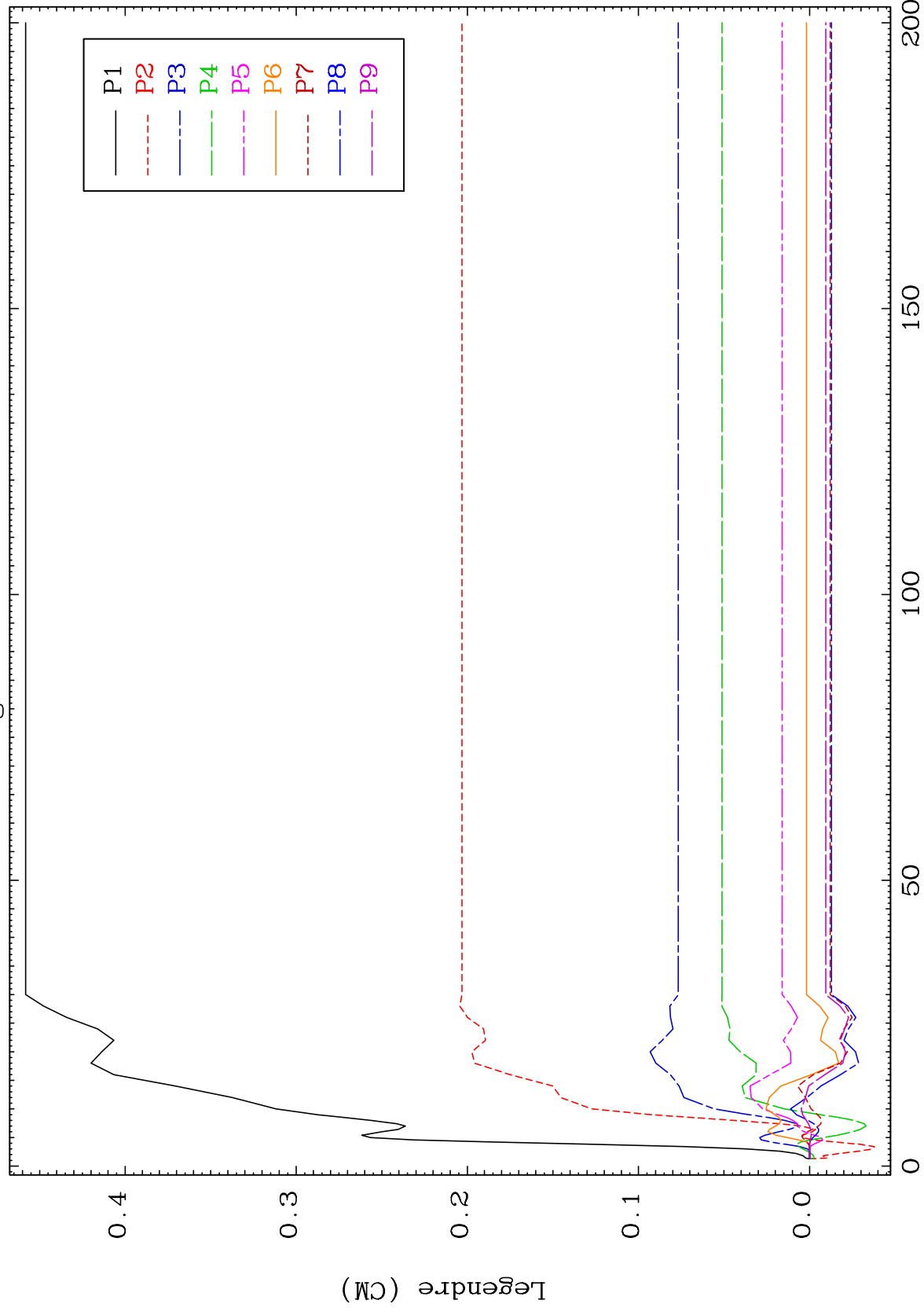
70-Yb-172



MAT 7037

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

70-Yb-172



70-Yb-172

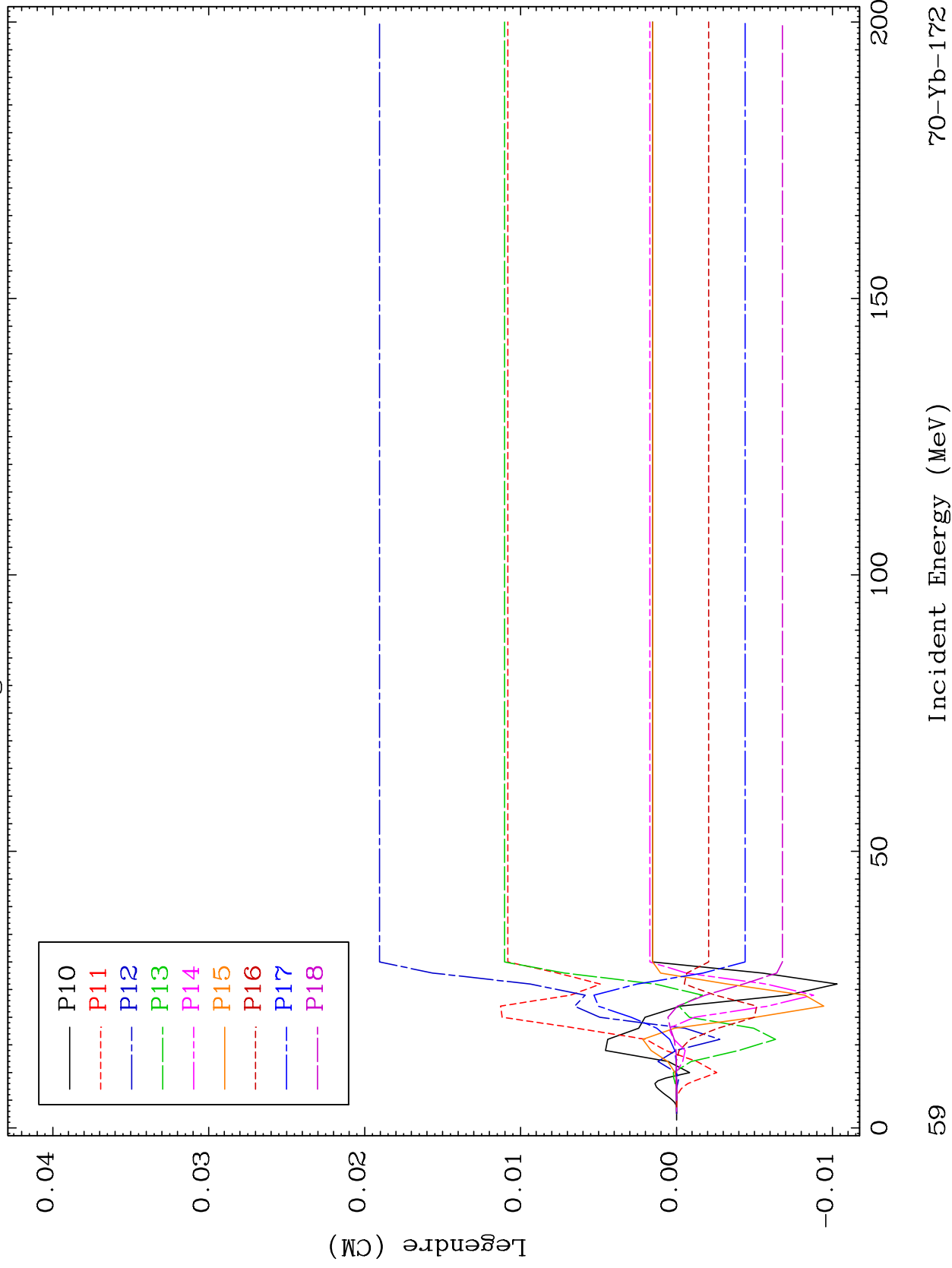
Incident Energy (MeV)

58

MAT 7037

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

70-Yb-172



70-Yb-172

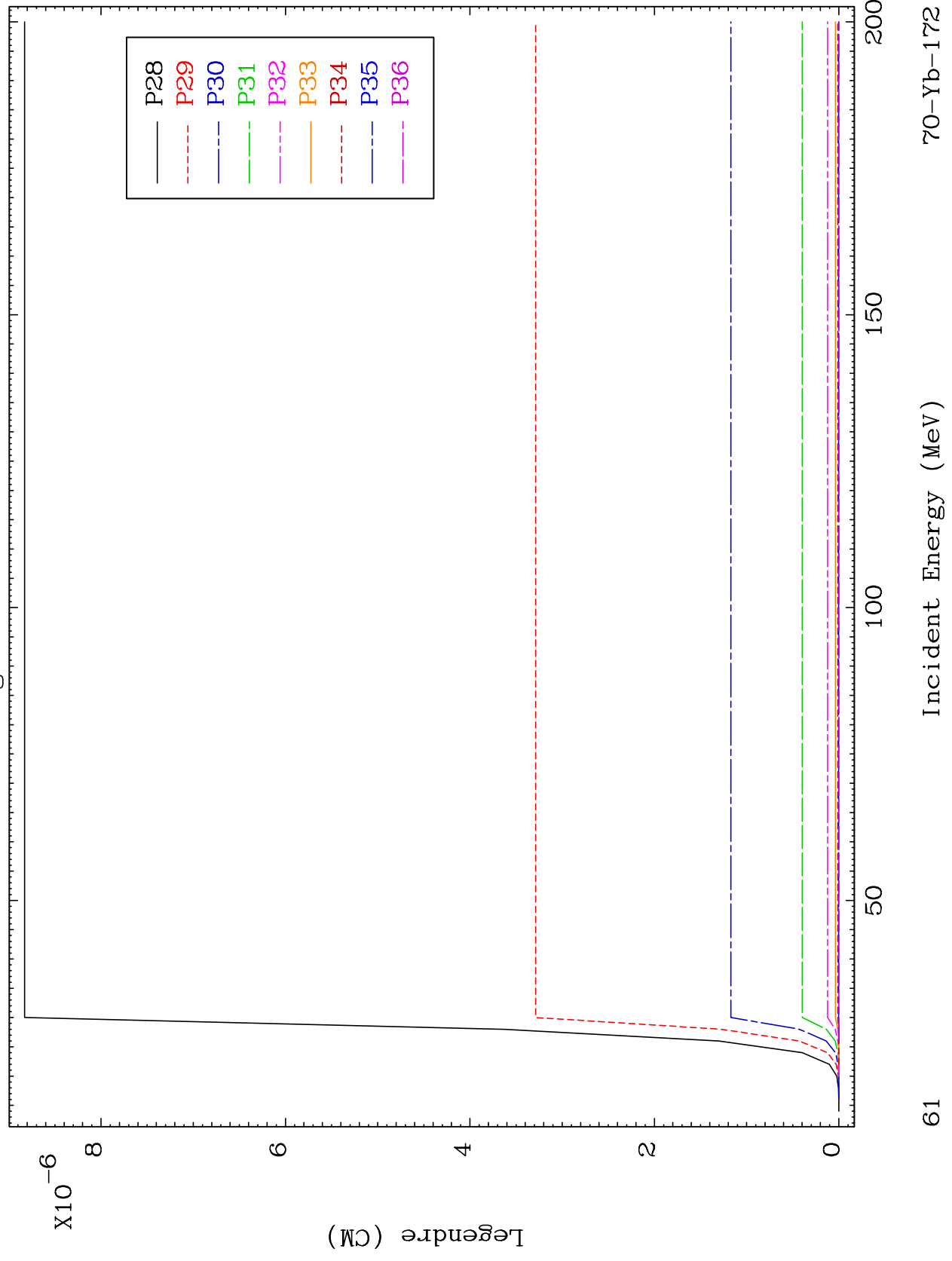
Incident Energy (MeV)

59

MAT 7037

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

70-Yb-172



61

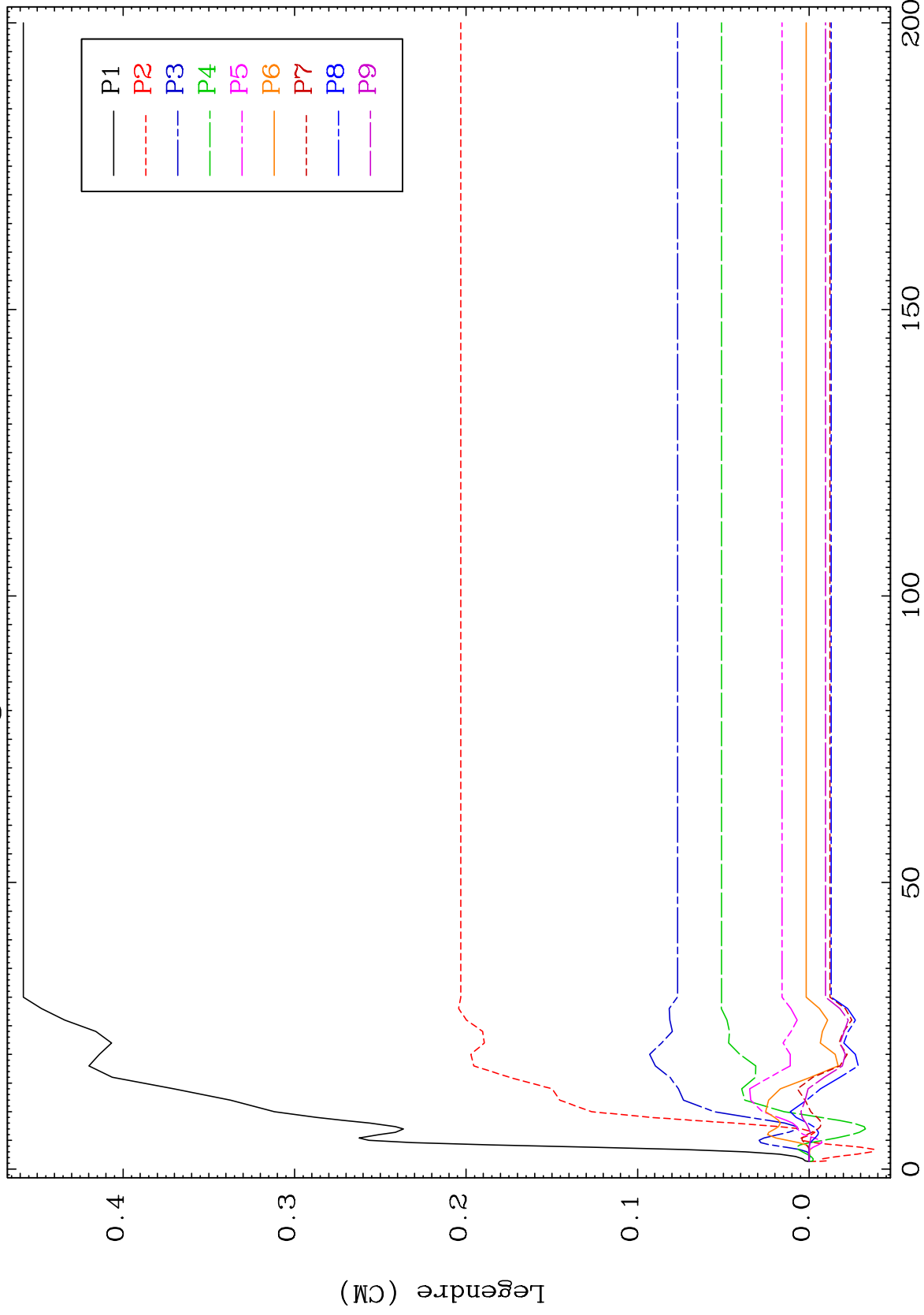
Incident Energy (MeV)

70-Yb-172

MAT 7037

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

70-Yb-172



Incident Energy (MeV)

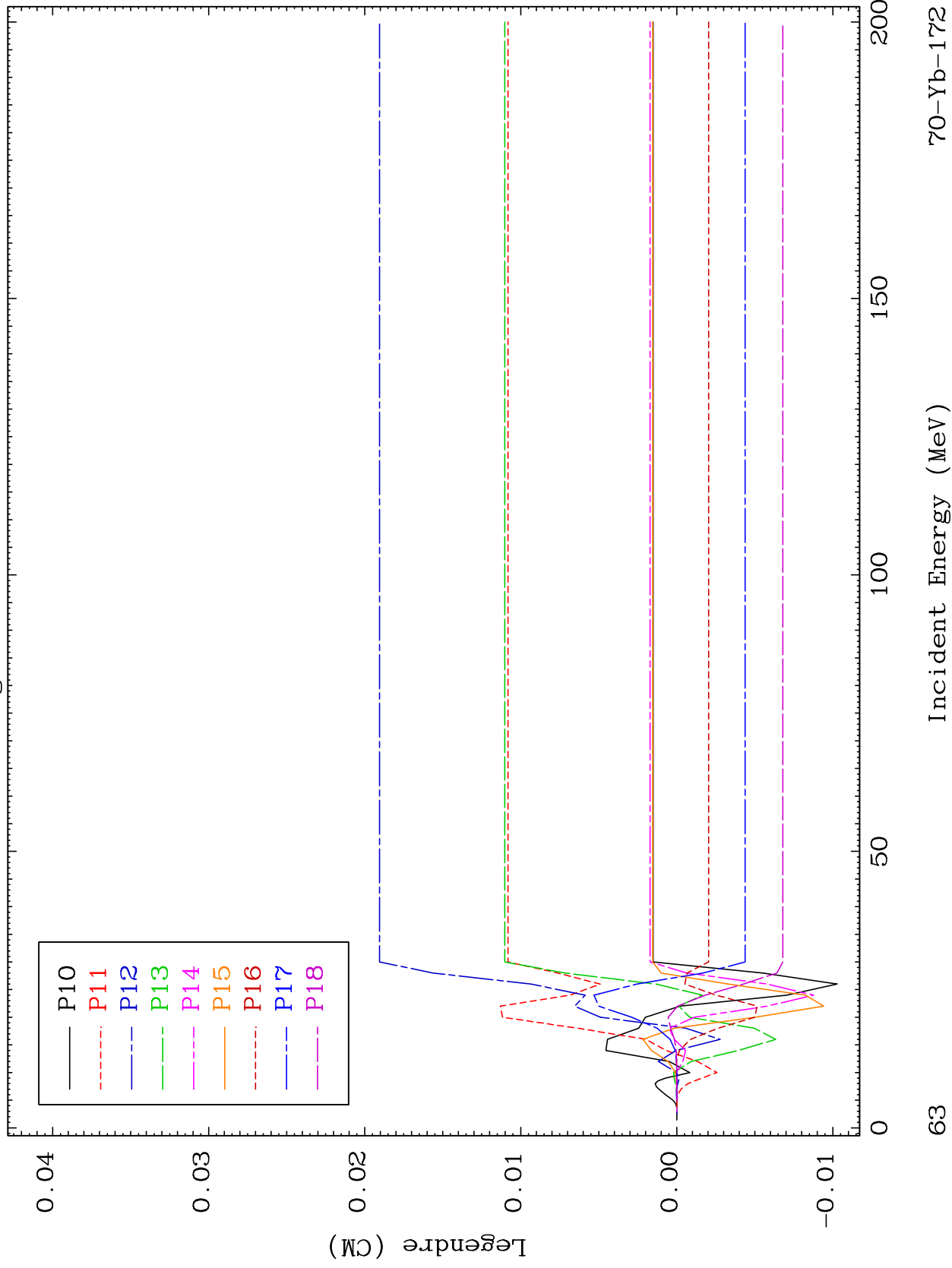
70-Yb-172

62

MAT 7037

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

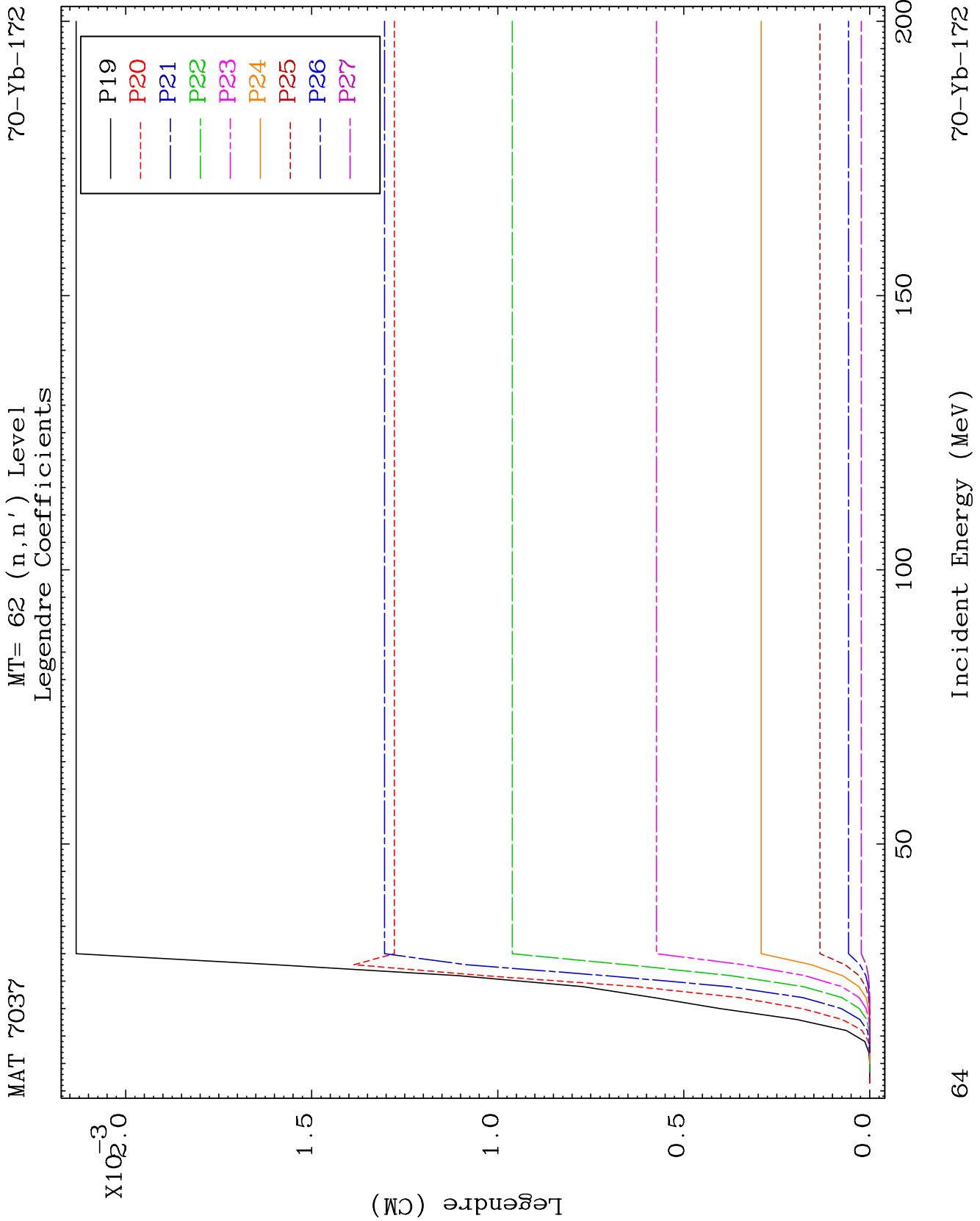
70-Yb-172



70-Yb-172

Incident Energy (MeV)

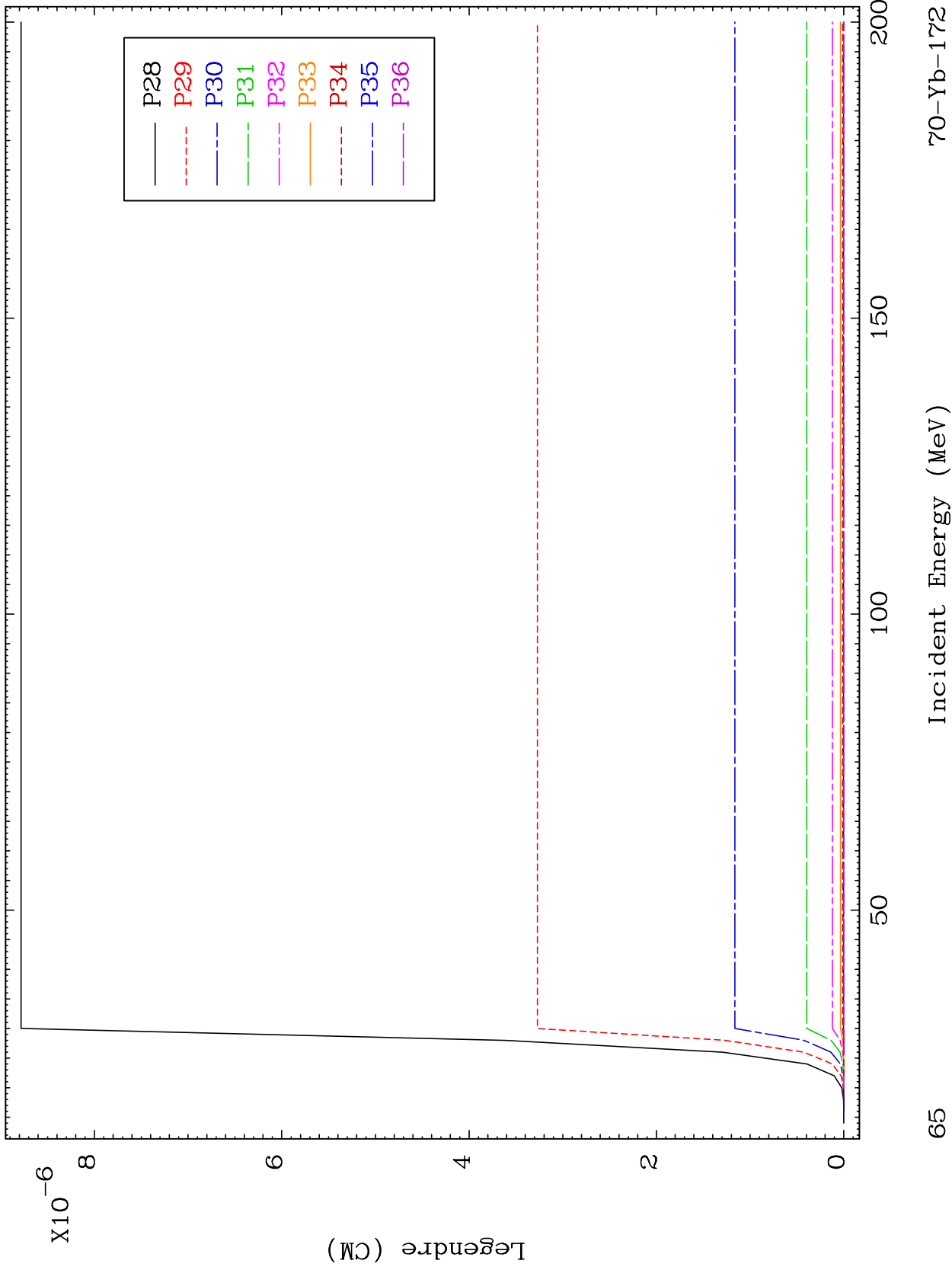
63



MAT 7037

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

70-Yb-172



65

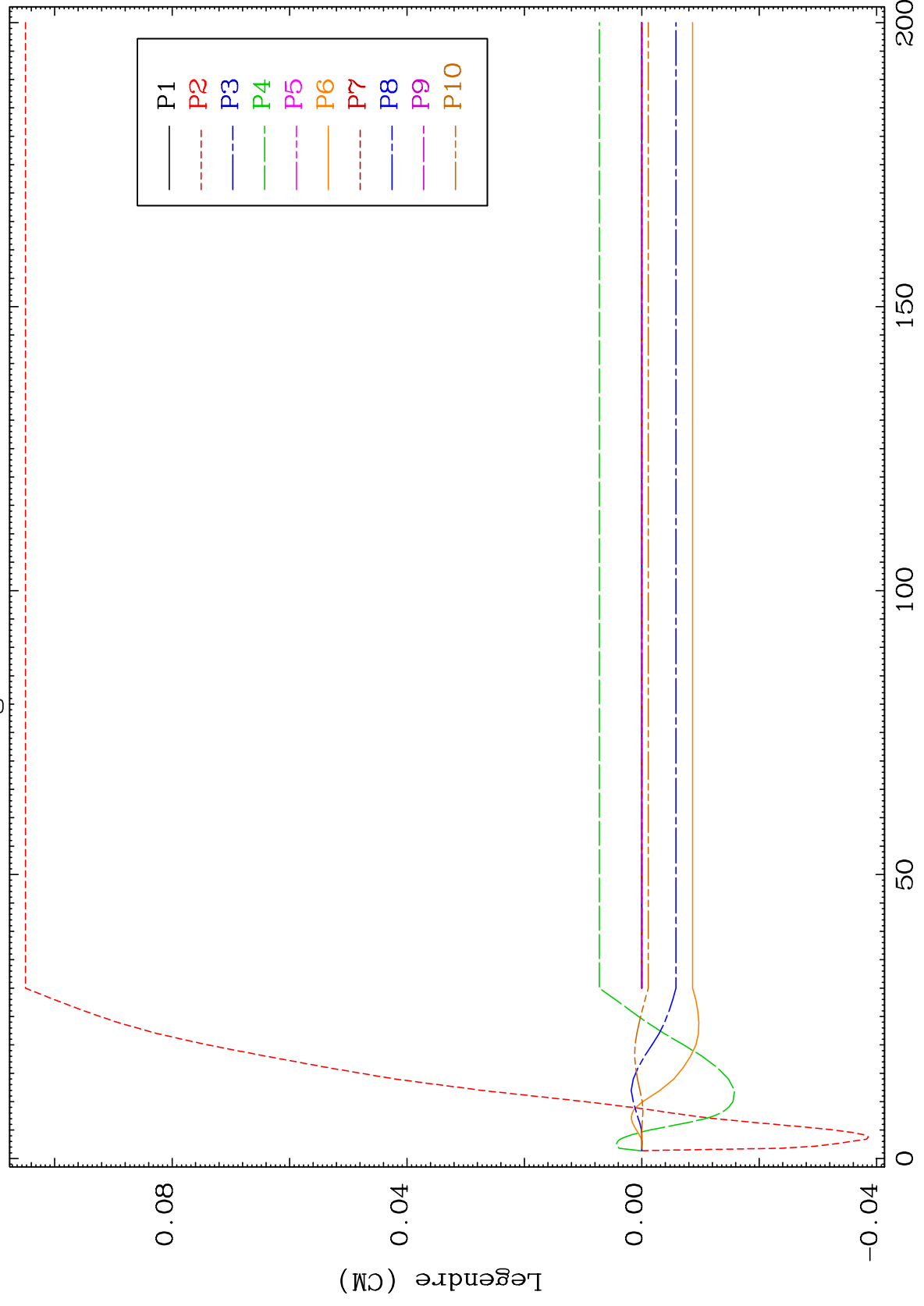
Incident Energy (MeV)

70-Yb-172

MAT 7037

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

70-Yb-172



70-Yb-172

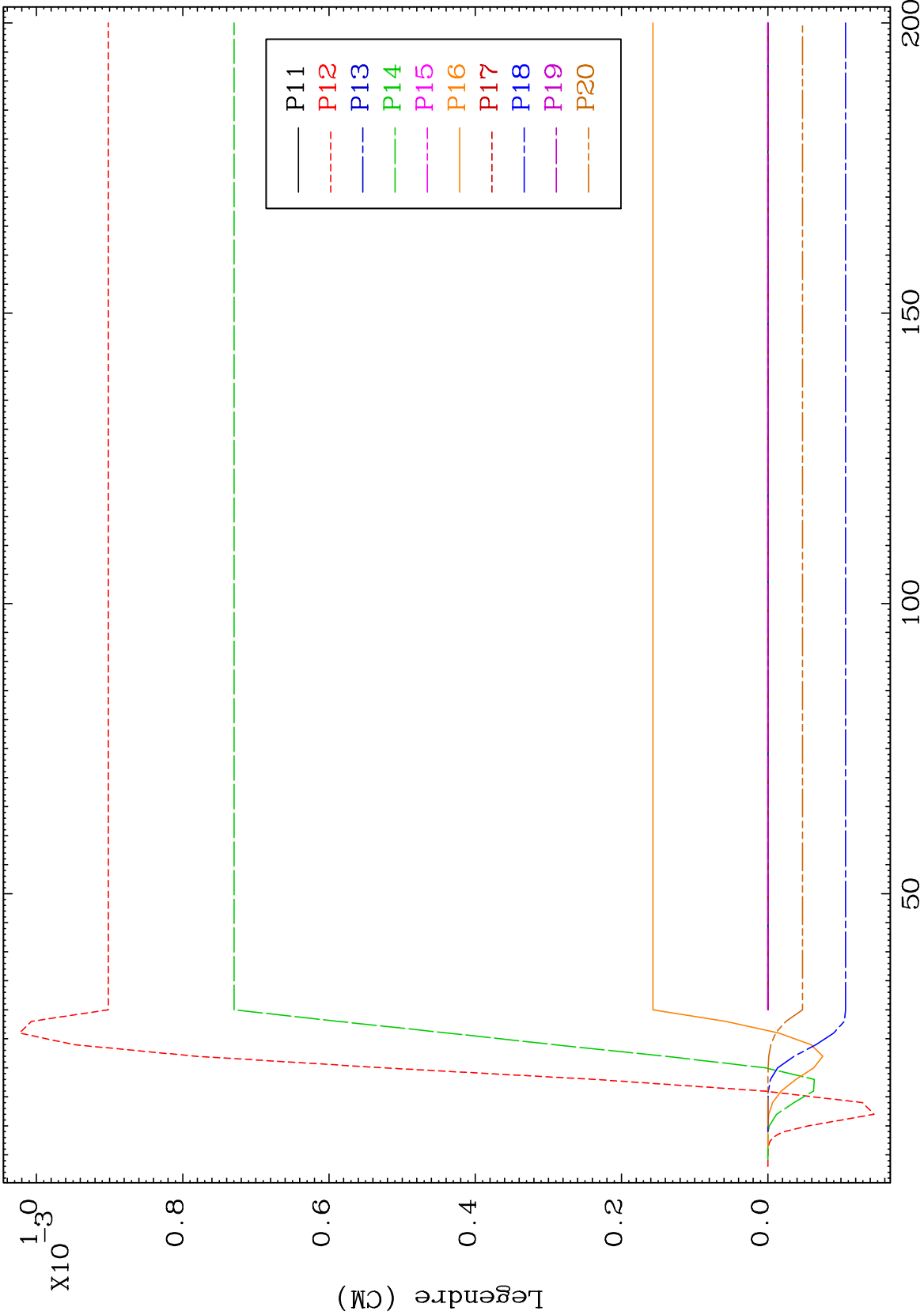
Incident Energy (MeV)

66

MAT 7037

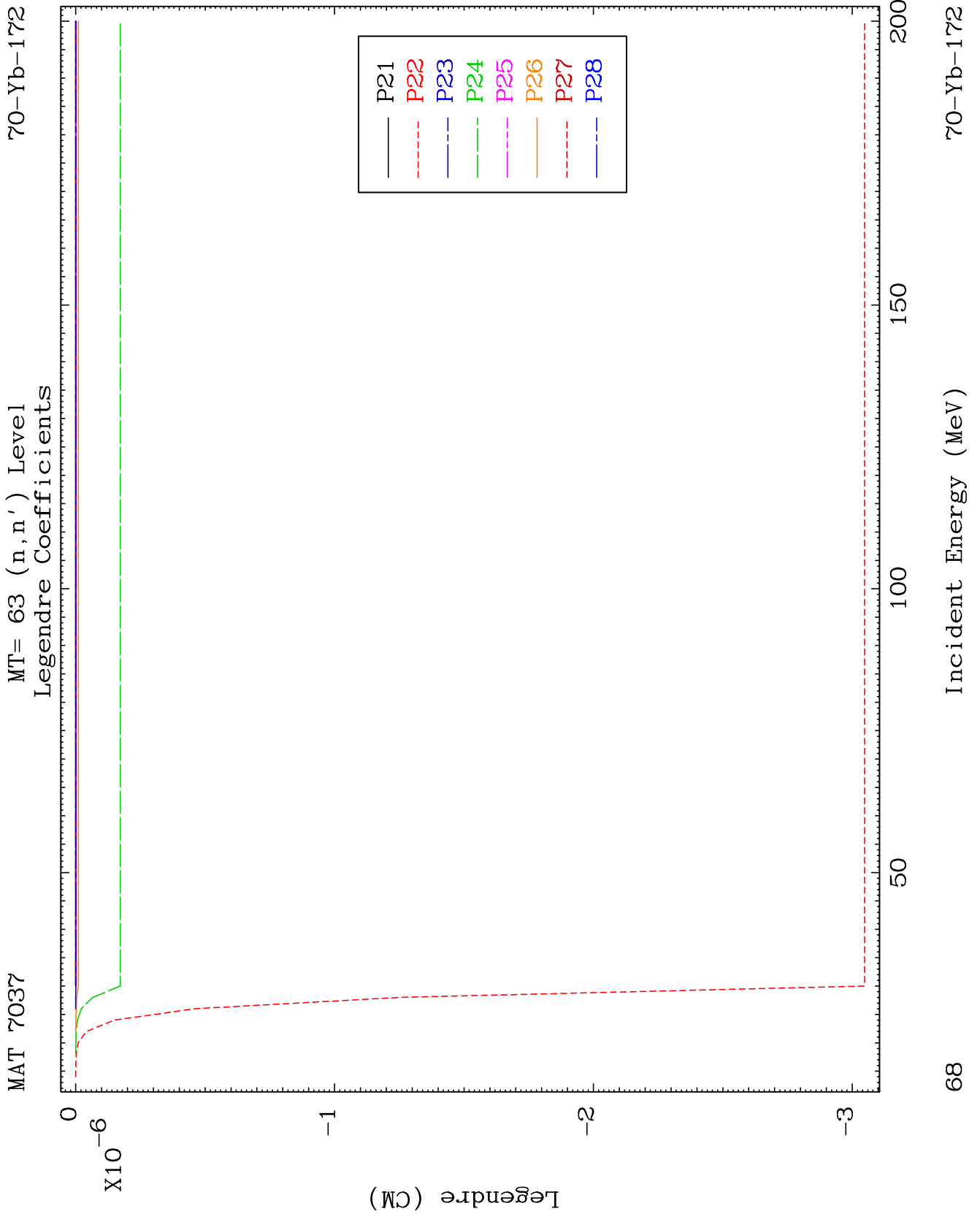
MT= 63 (n,n') Level
Legendre Coefficients

70-Yb-172



67

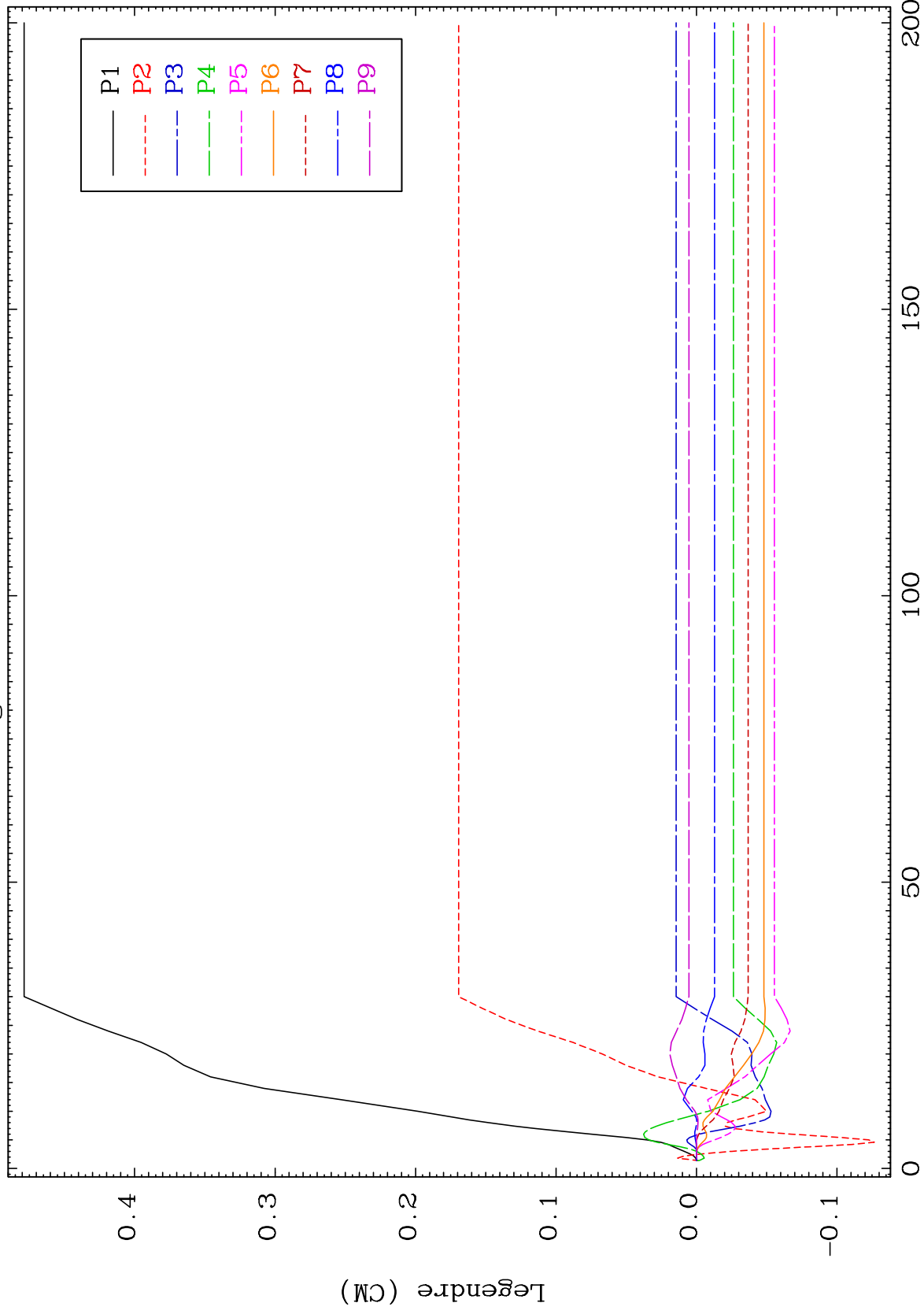
70-Yb-172



MAT 7037

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

70-Yb-172



70-Yb-172

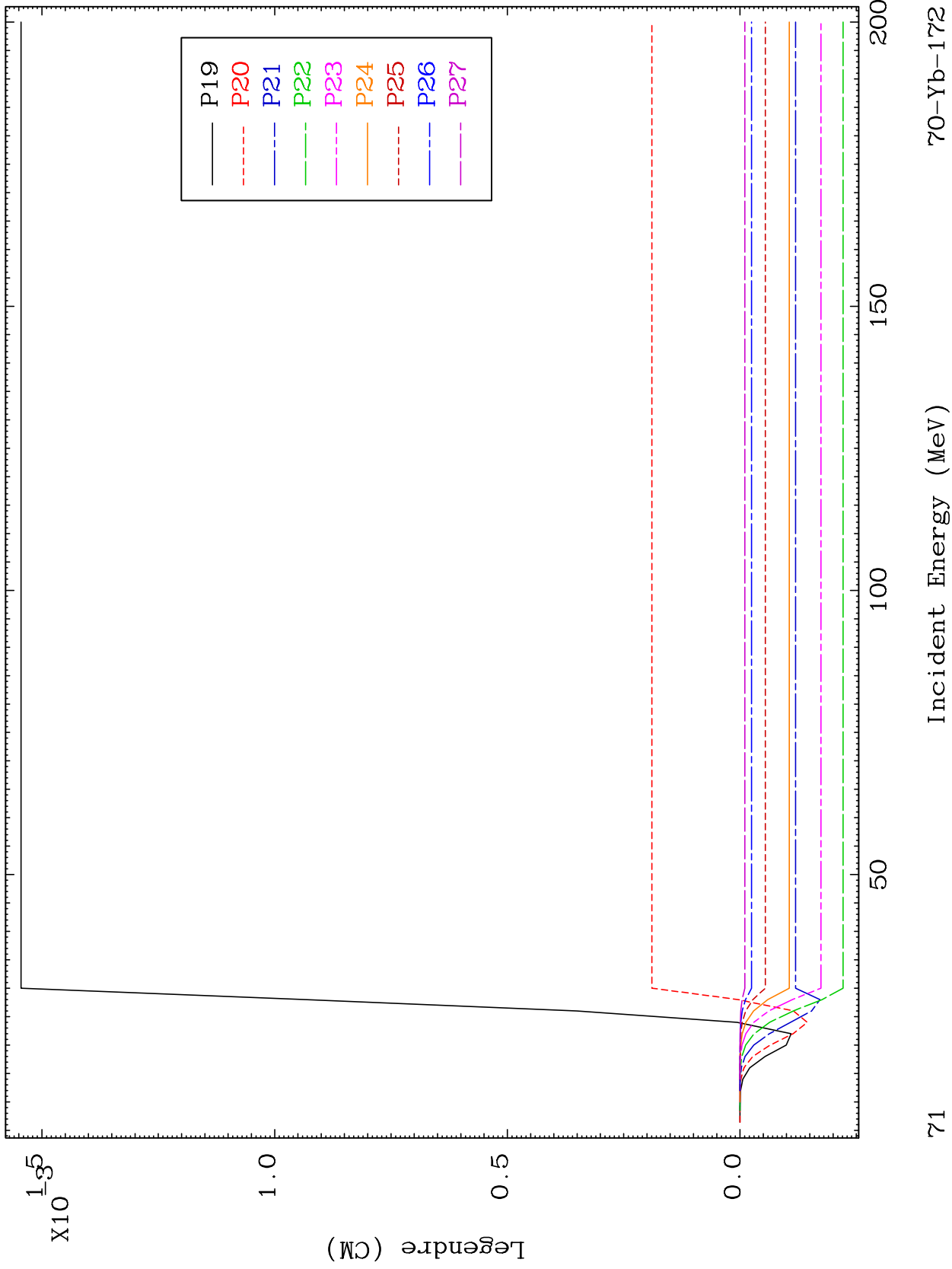
Incident Energy (MeV)

69

MAT 7037

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

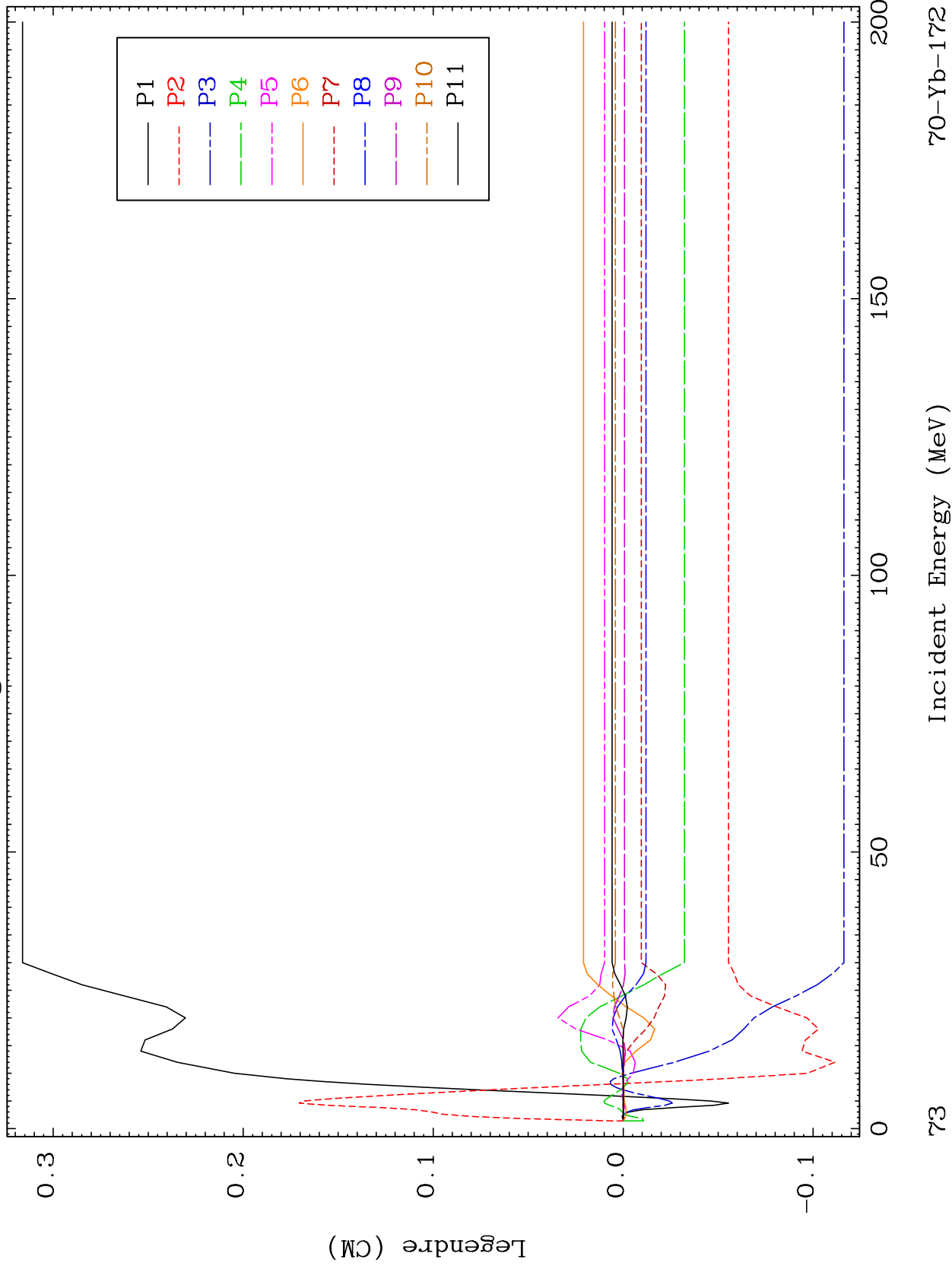
70-Yb-172



MAT 7037

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

70-Yb-172



70-Yb-172

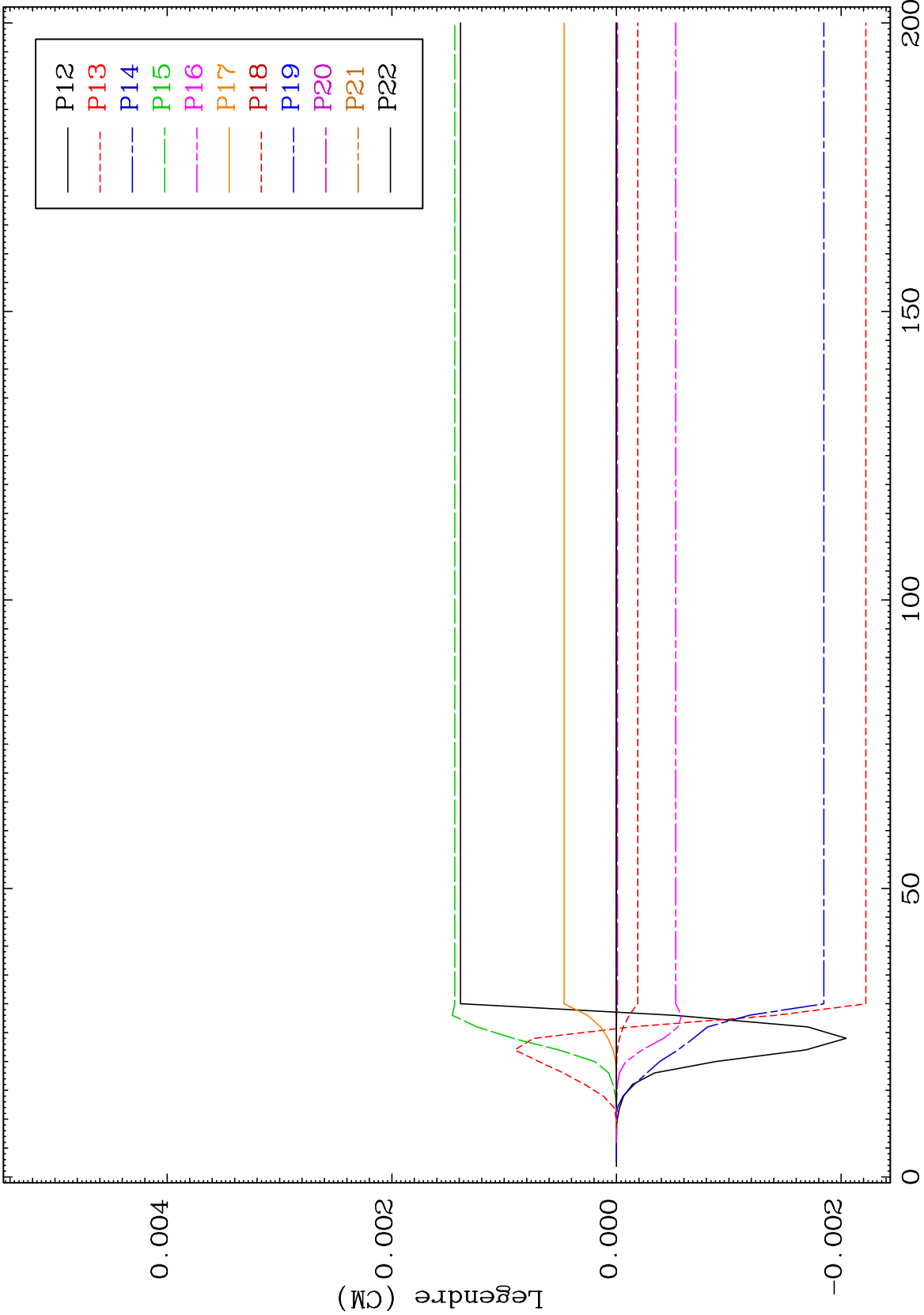
Incident Energy (MeV)

73

MAT 7037

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

70-Yb-172



74

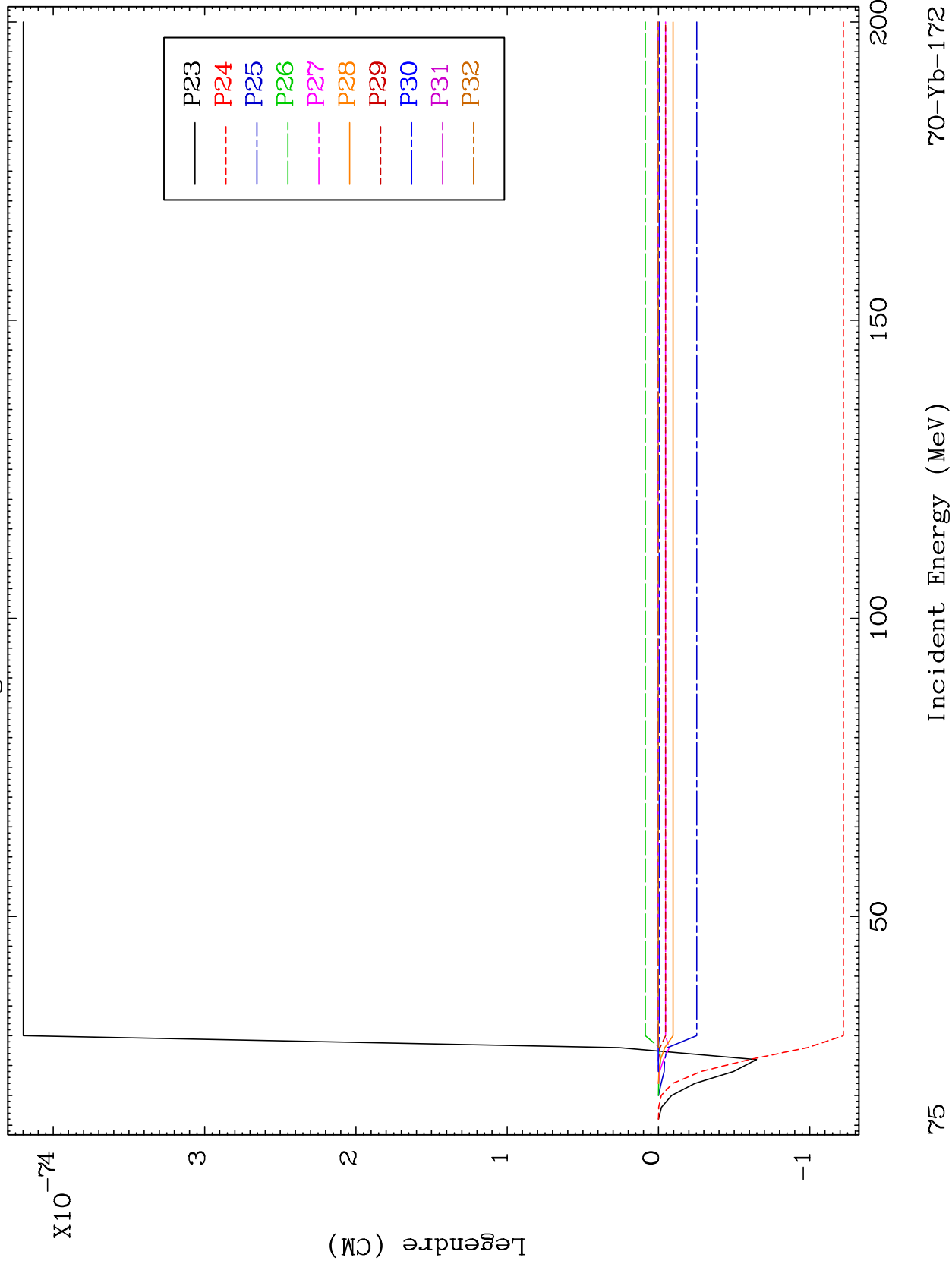
Incident Energy (MeV)

70-Yb-172

MAT 7037

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

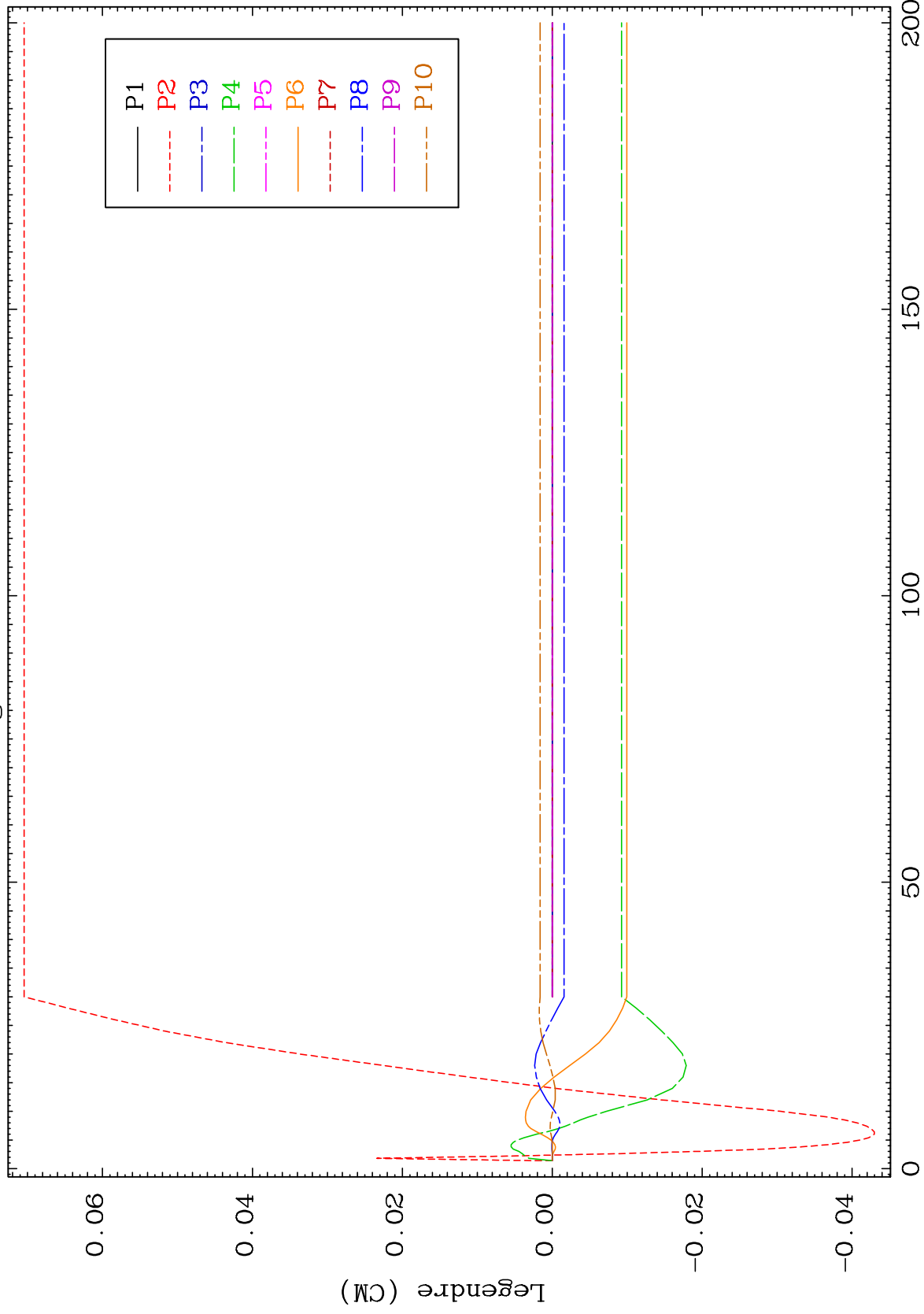
70-Yb-172



MAT 7037

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

70-Yb-172



76

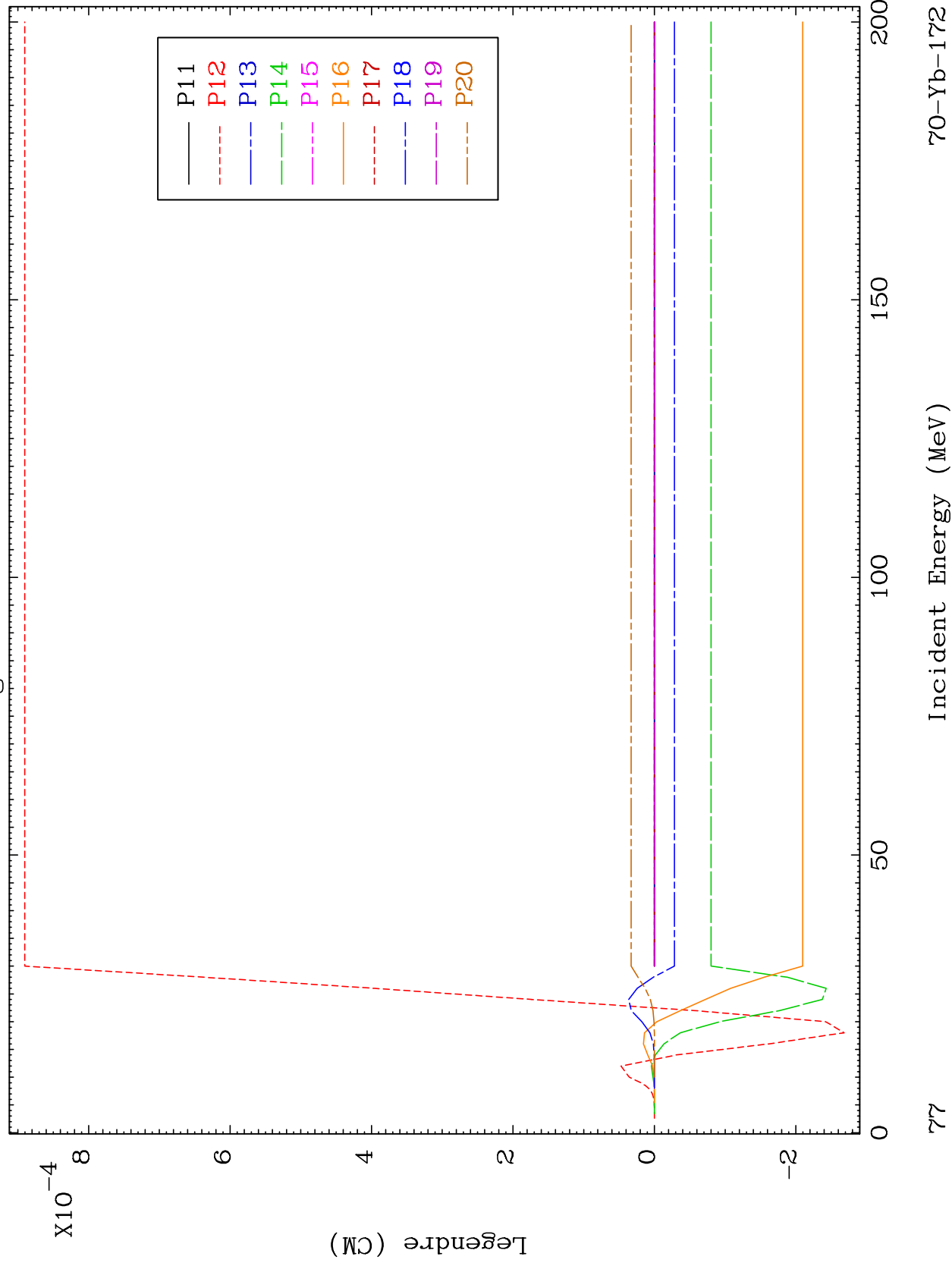
Incident Energy (MeV)

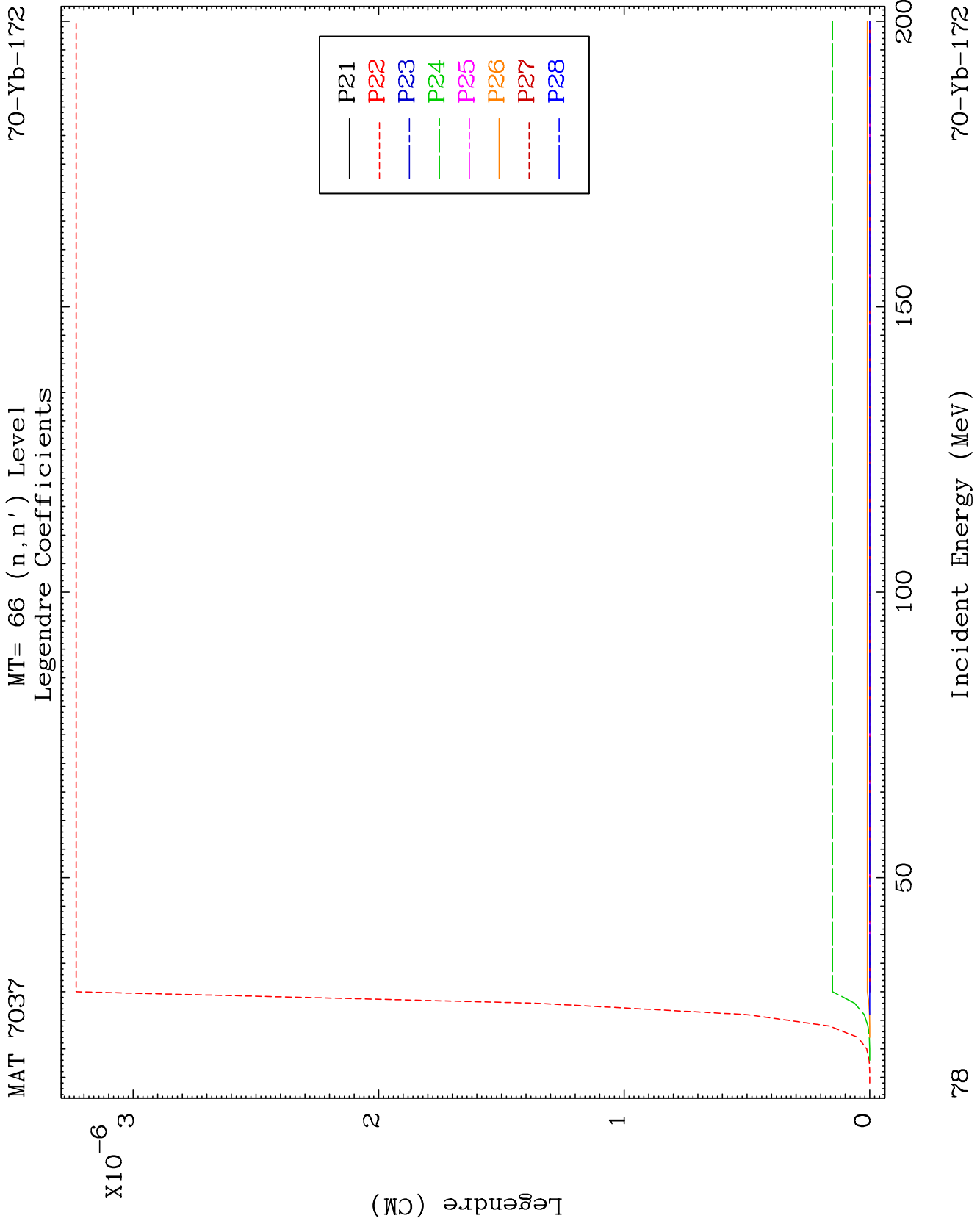
70-Yb-172

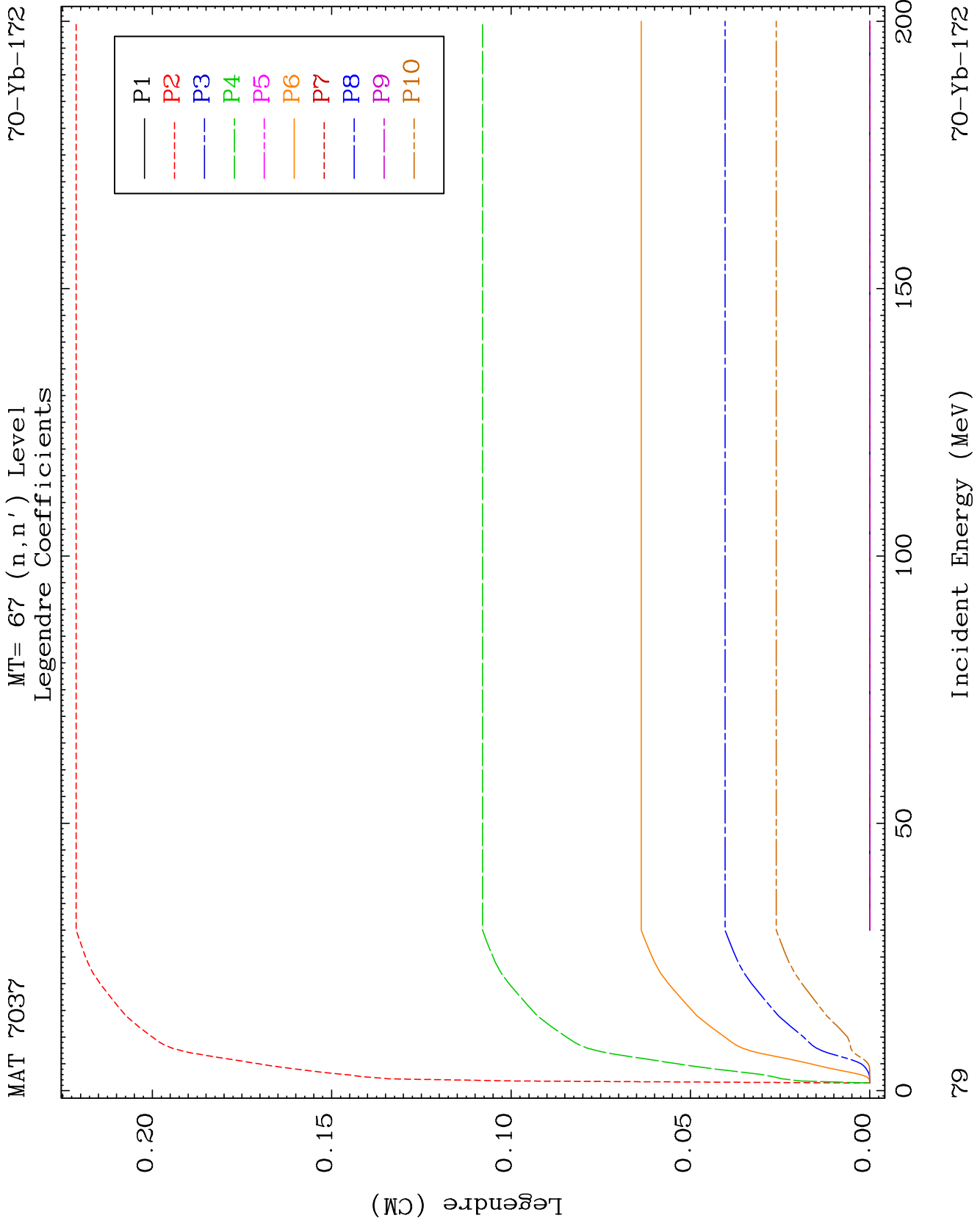
MAT 7037

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

70-Yb-172



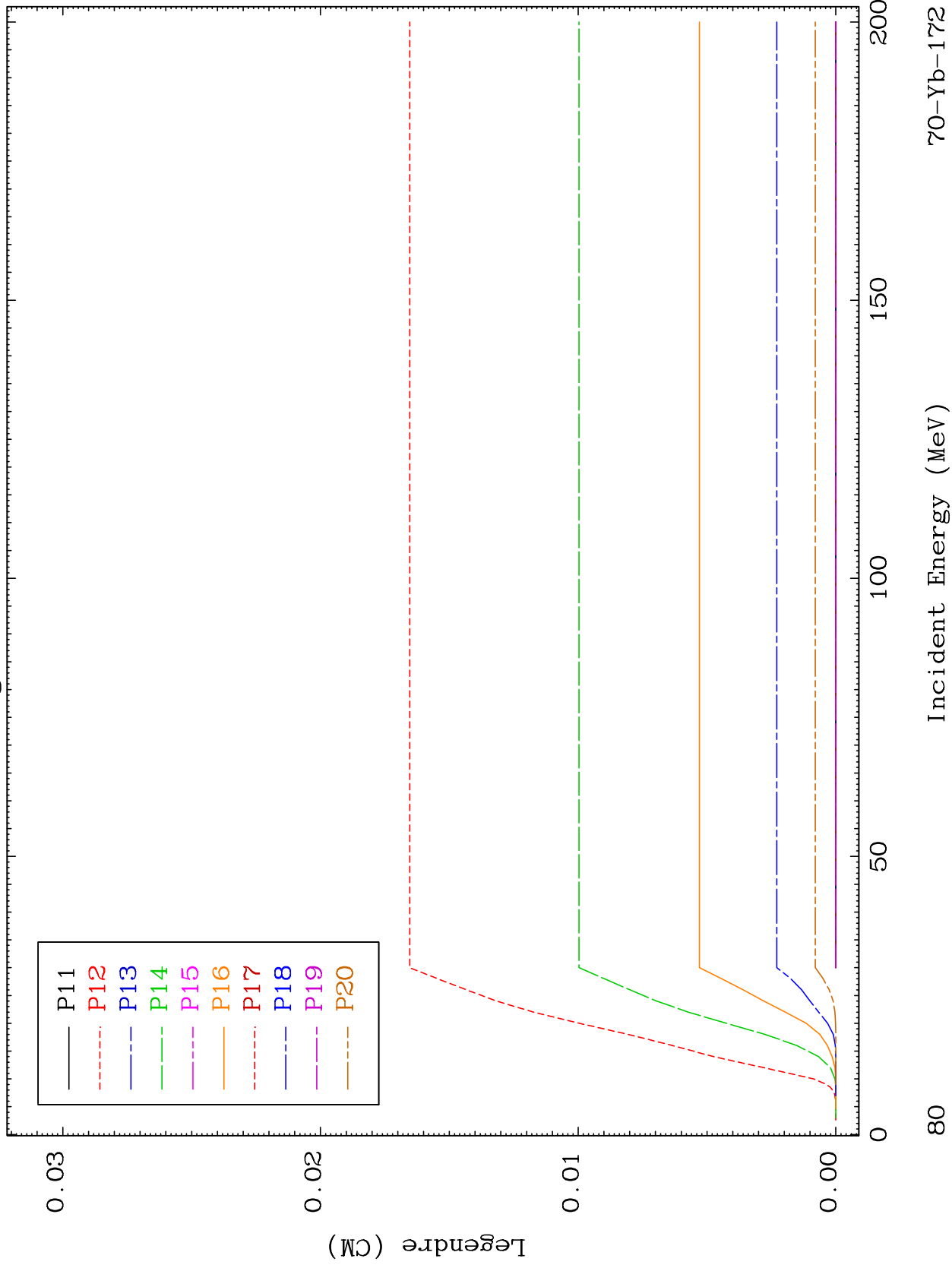




MAT 7037

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

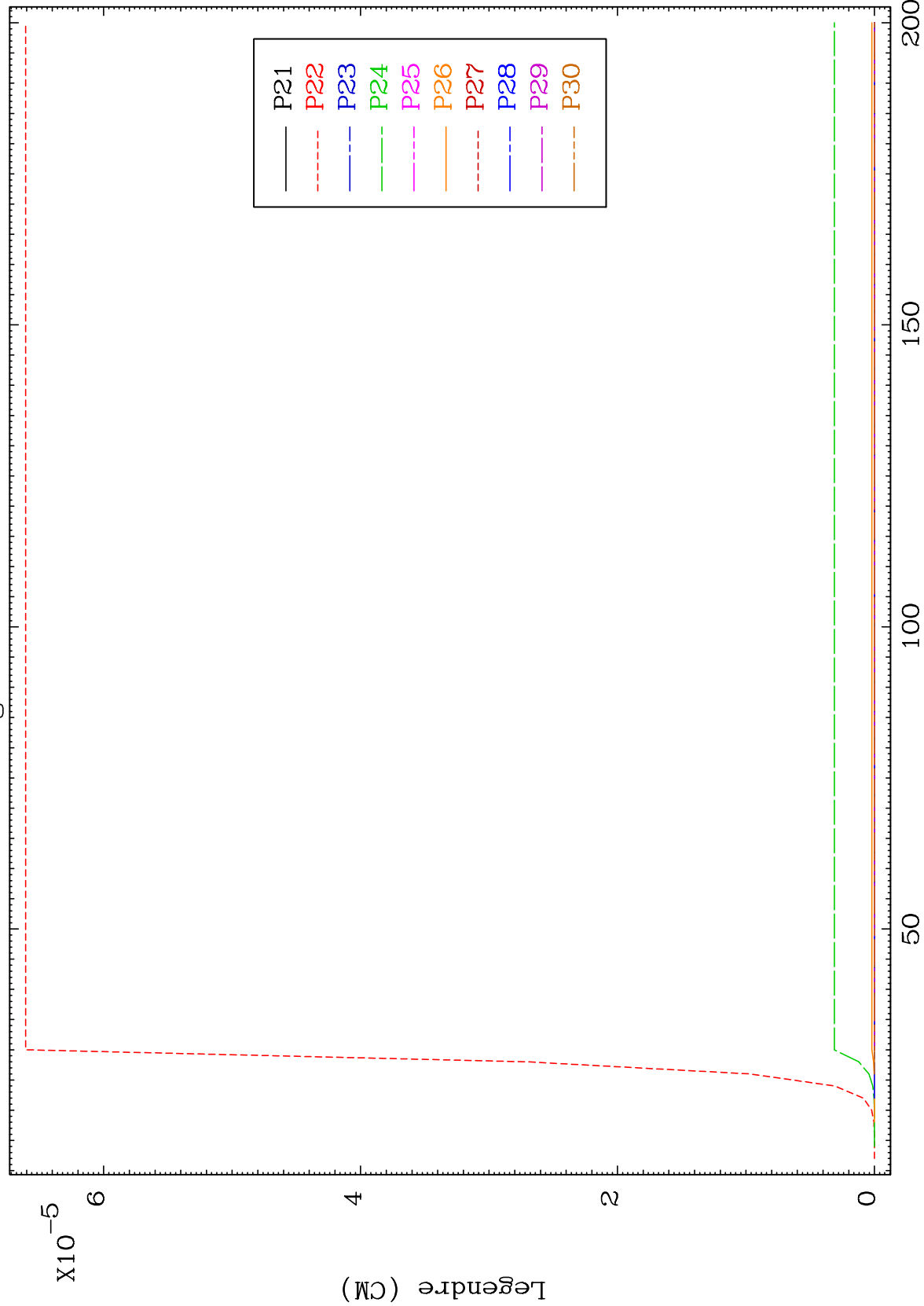
70-Yb-172



MAT 7037

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

70-Yb-172



81

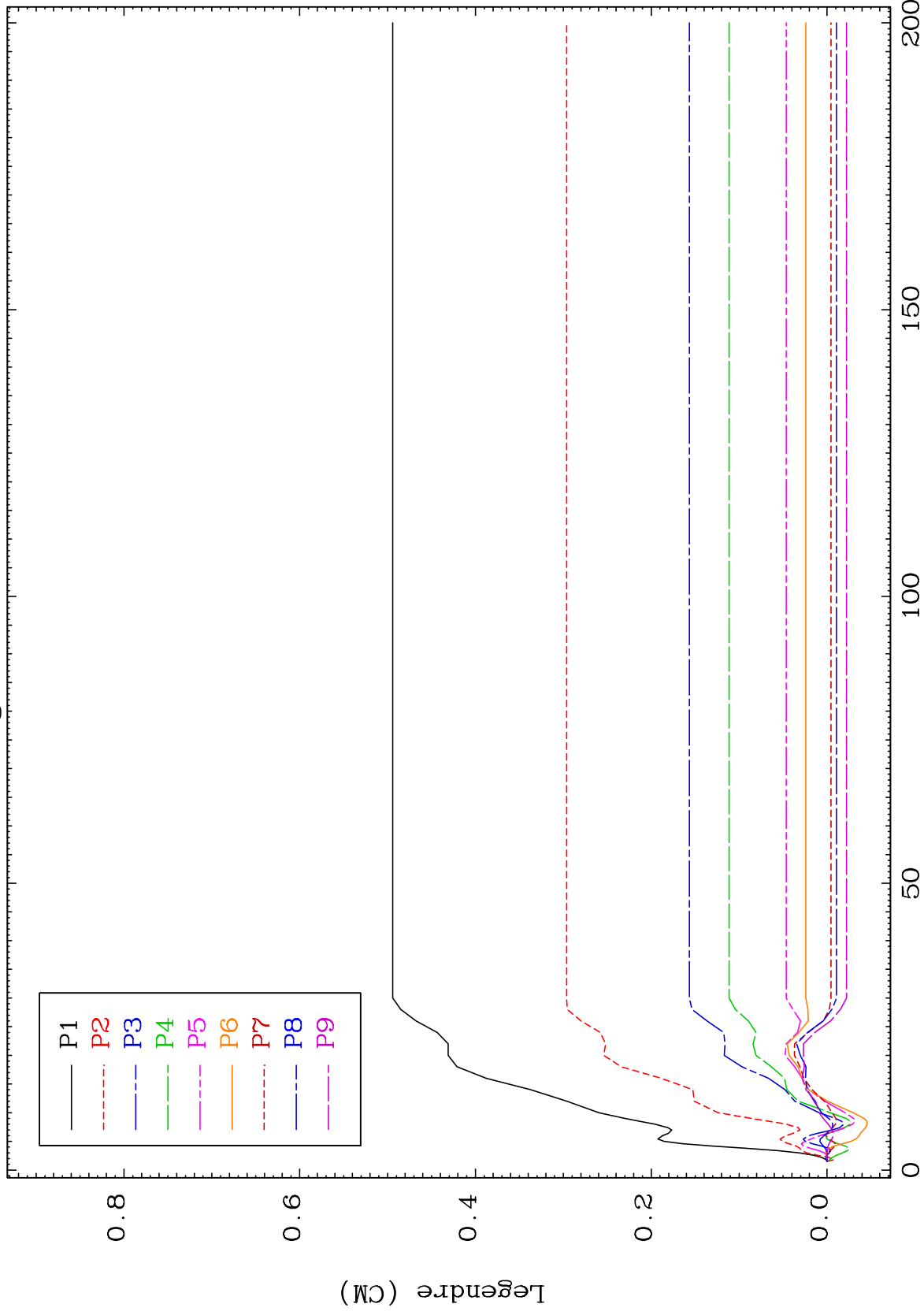
Incident Energy (MeV)

70-Yb-172

MAT 7037

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

70-Yb-172



Incident Energy (MeV)

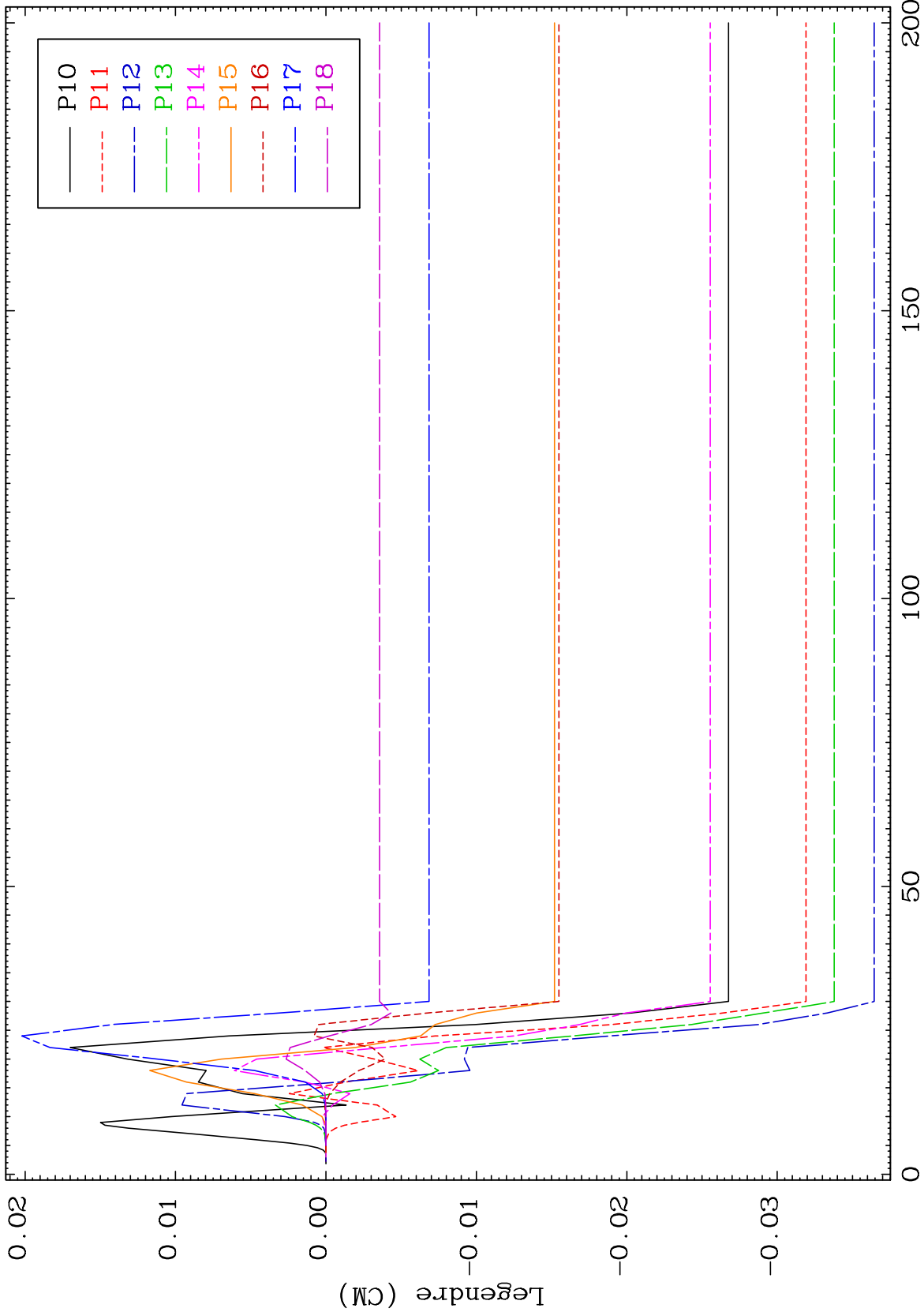
70-Yb-172

82

MAT 7037

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

70-Yb-172



83

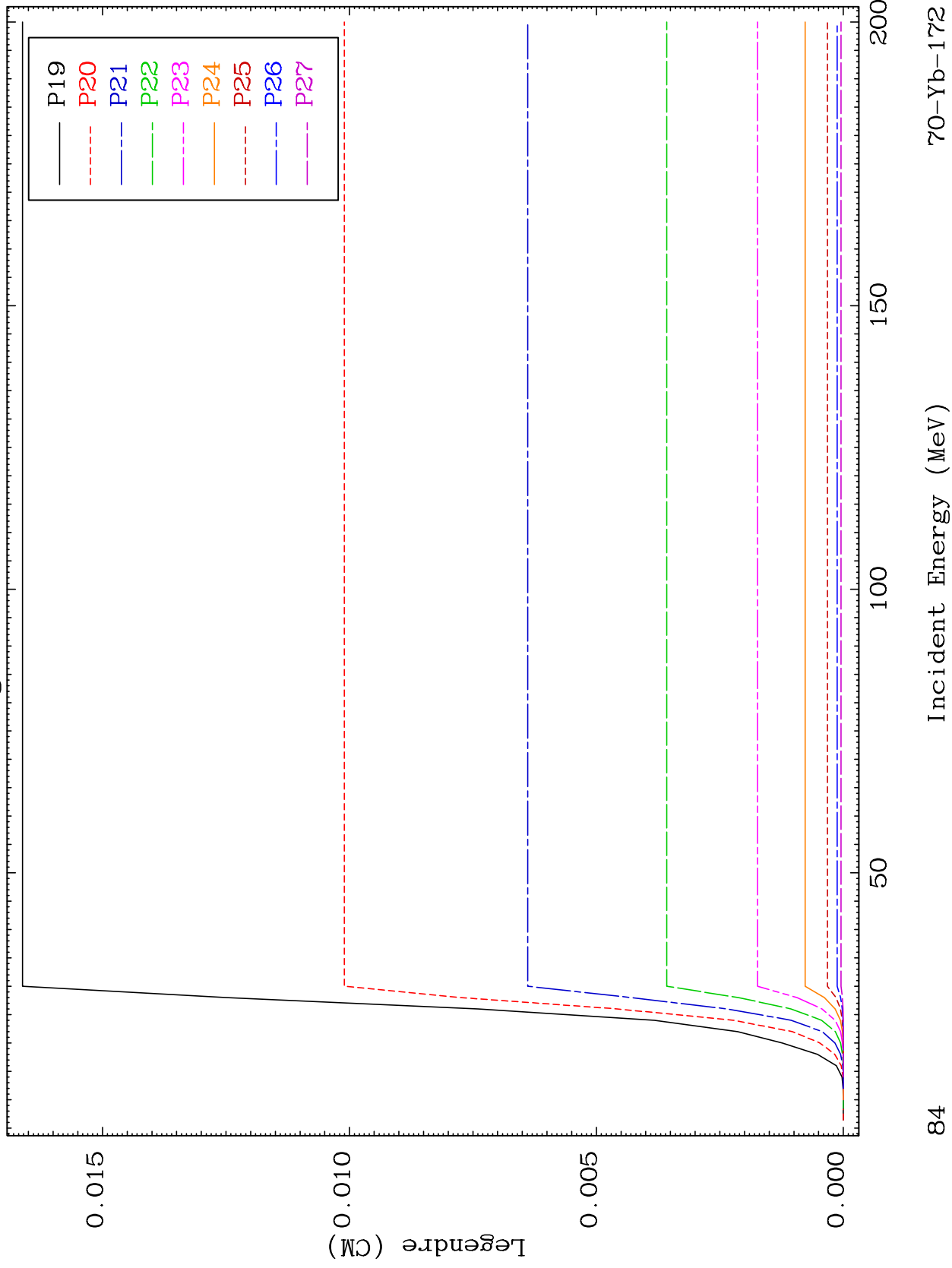
Incident Energy (MeV)

70-Yb-172

MAT 7037

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

70-Yb-172



84

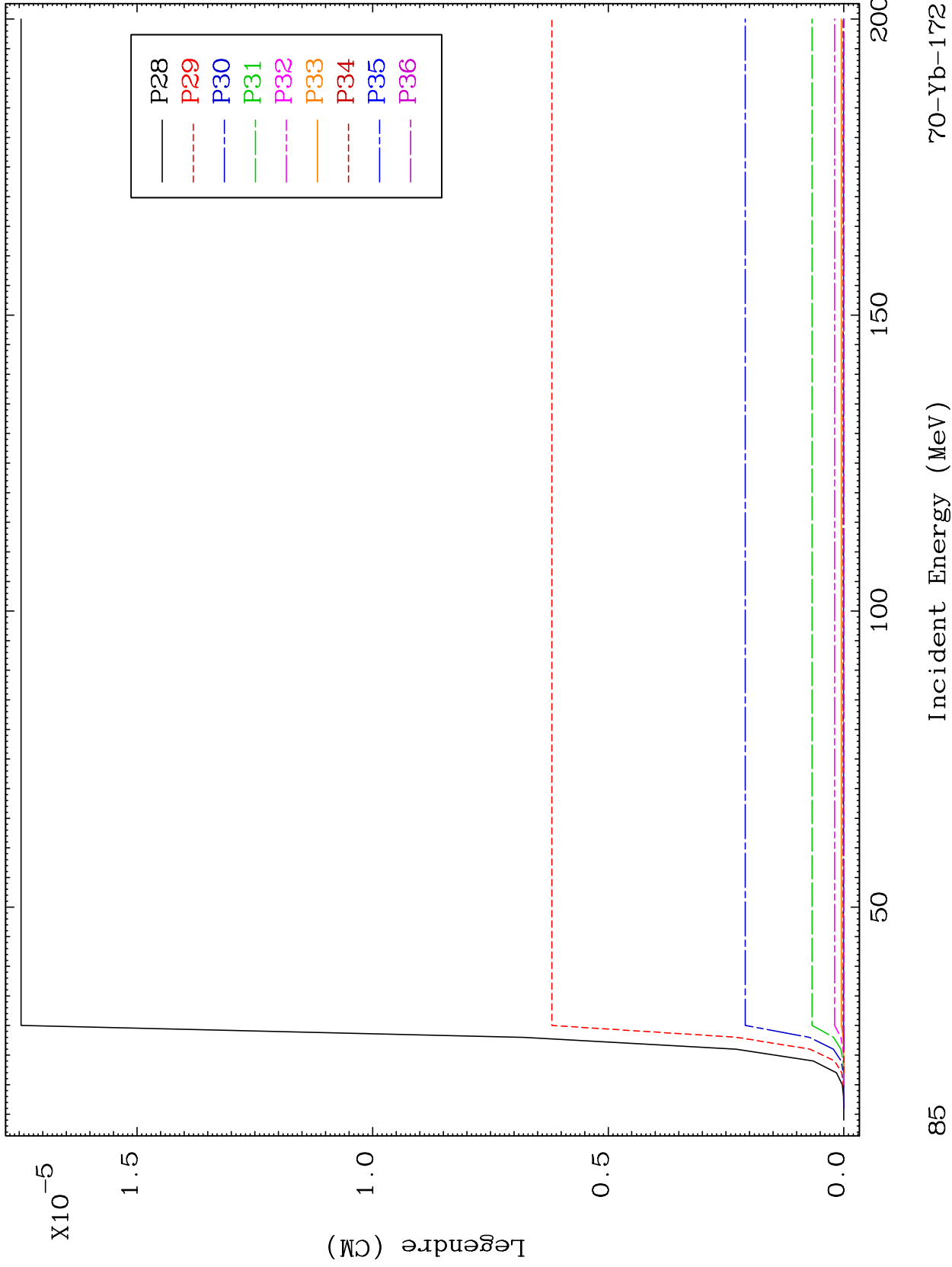
Incident Energy (MeV)

70-Yb-172

MAT 7037

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

70-Yb-172



85

Incident Energy (MeV)

70-Yb-172

200

150

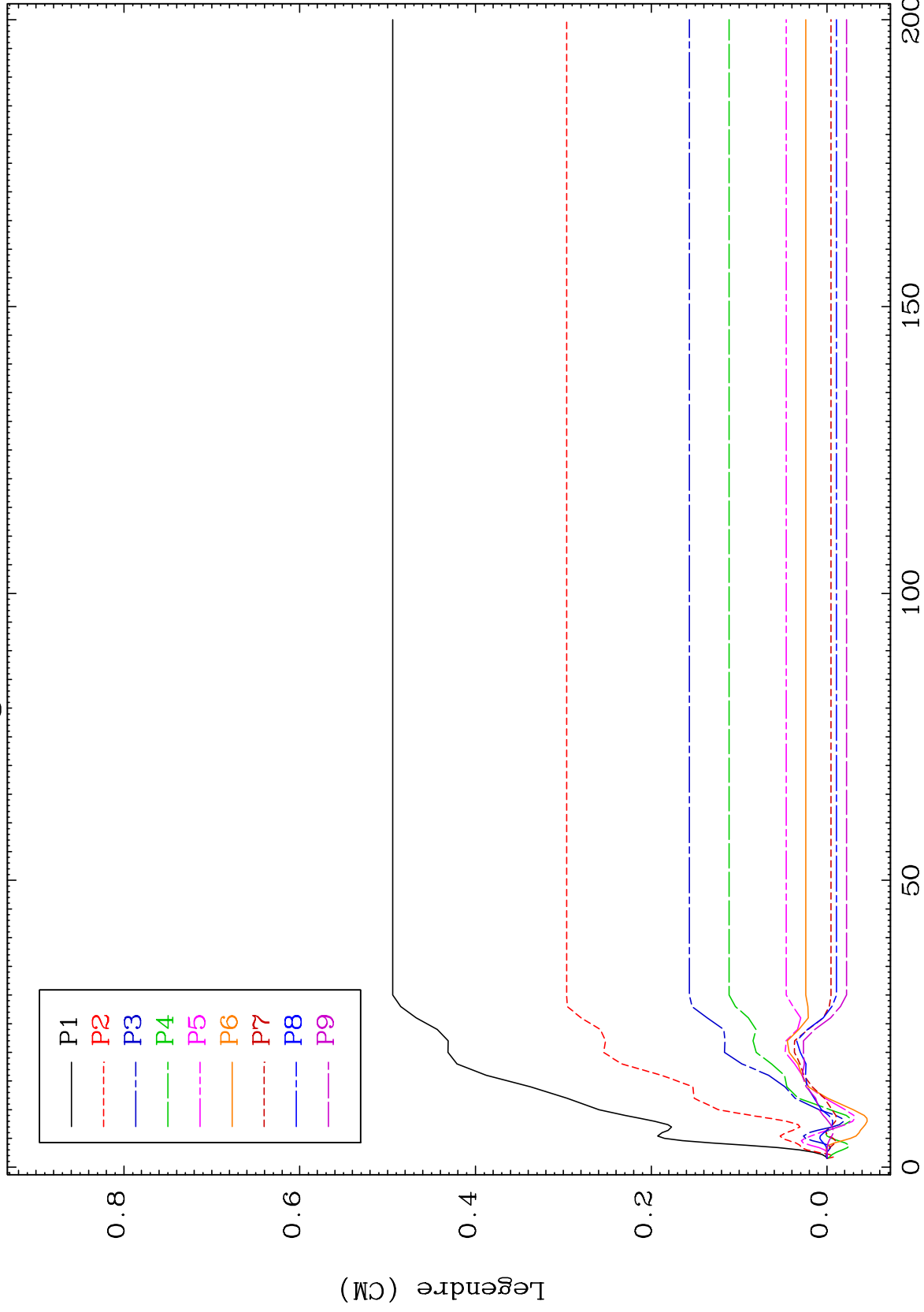
100

50

MAT 7037

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

70-Yb-172



86

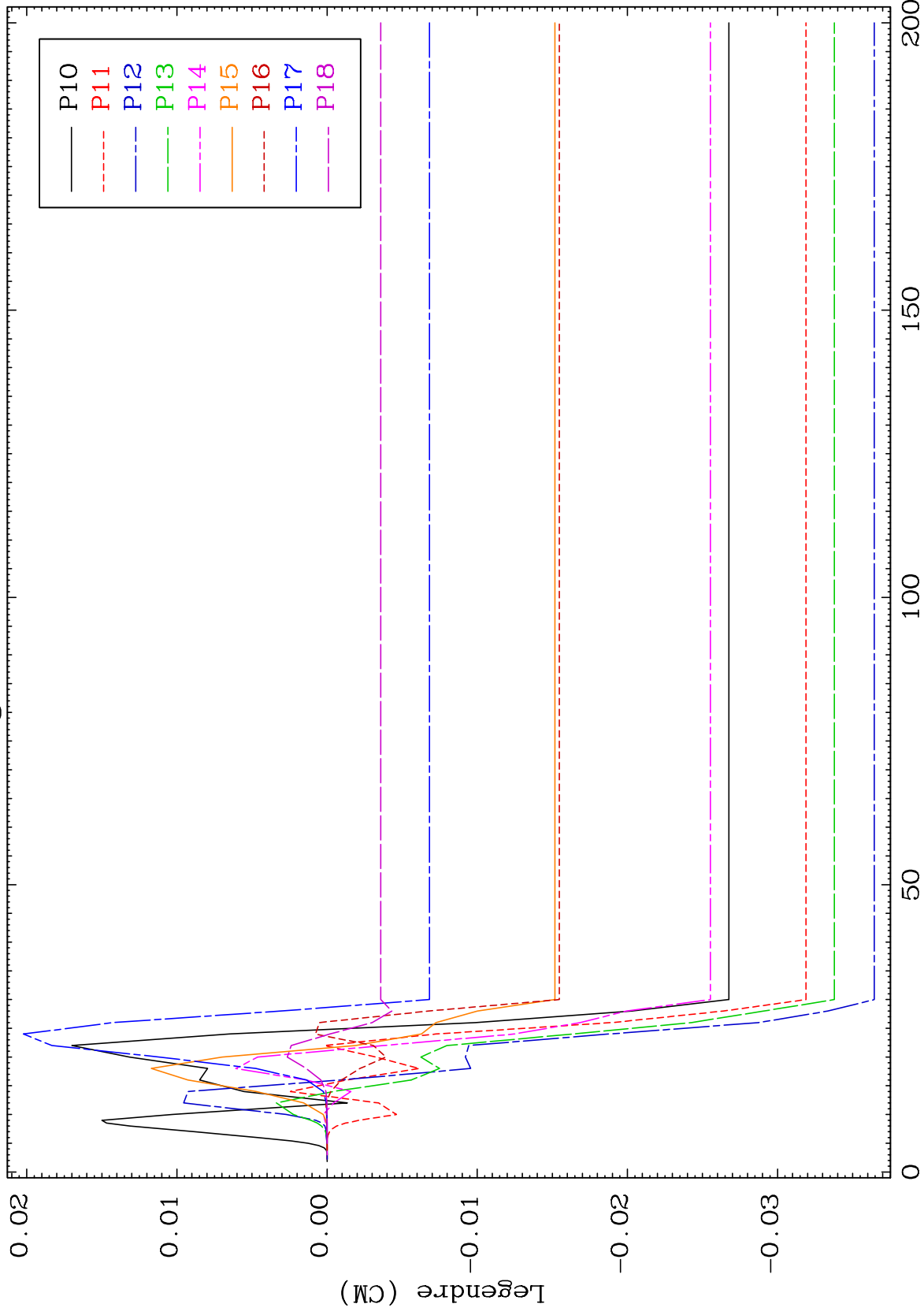
Incident Energy (MeV)

70-Yb-172

MAT 7037

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

70-Yb-172



87

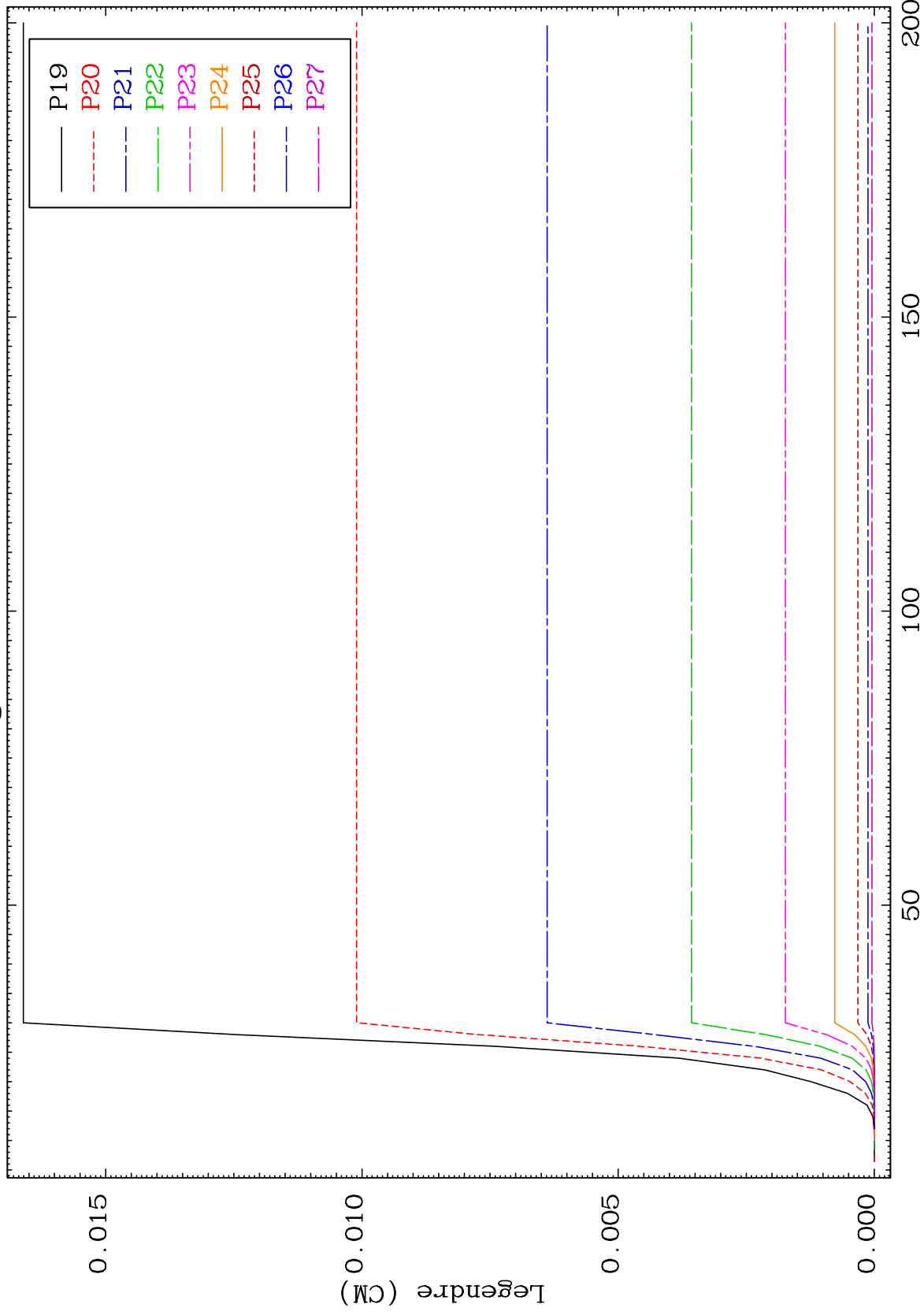
Incident Energy (MeV)

70-Yb-172

MAT 7037

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

70-Yb-172



88

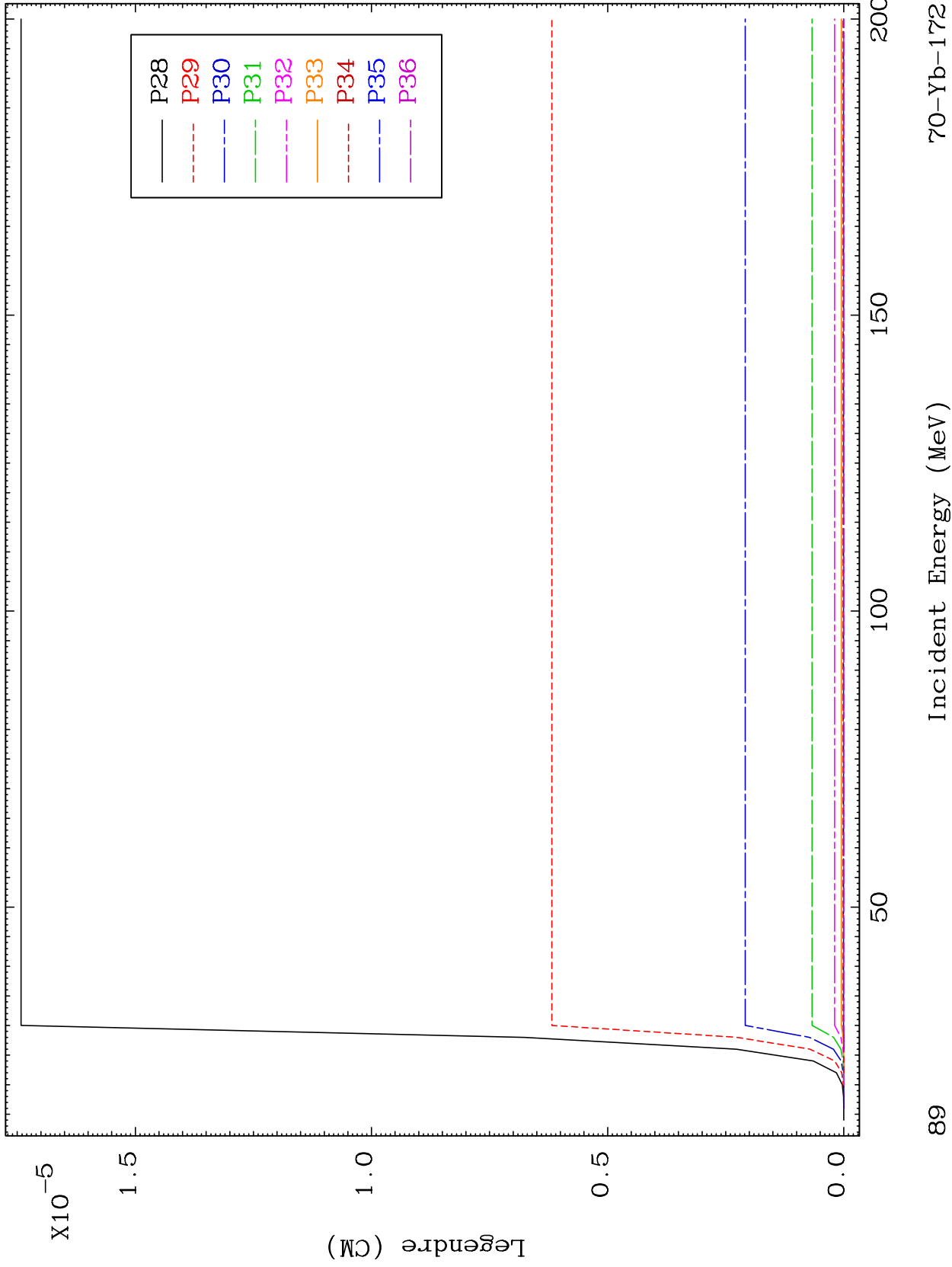
Incident Energy (MeV)

70-Yb-172

MAT 7037

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

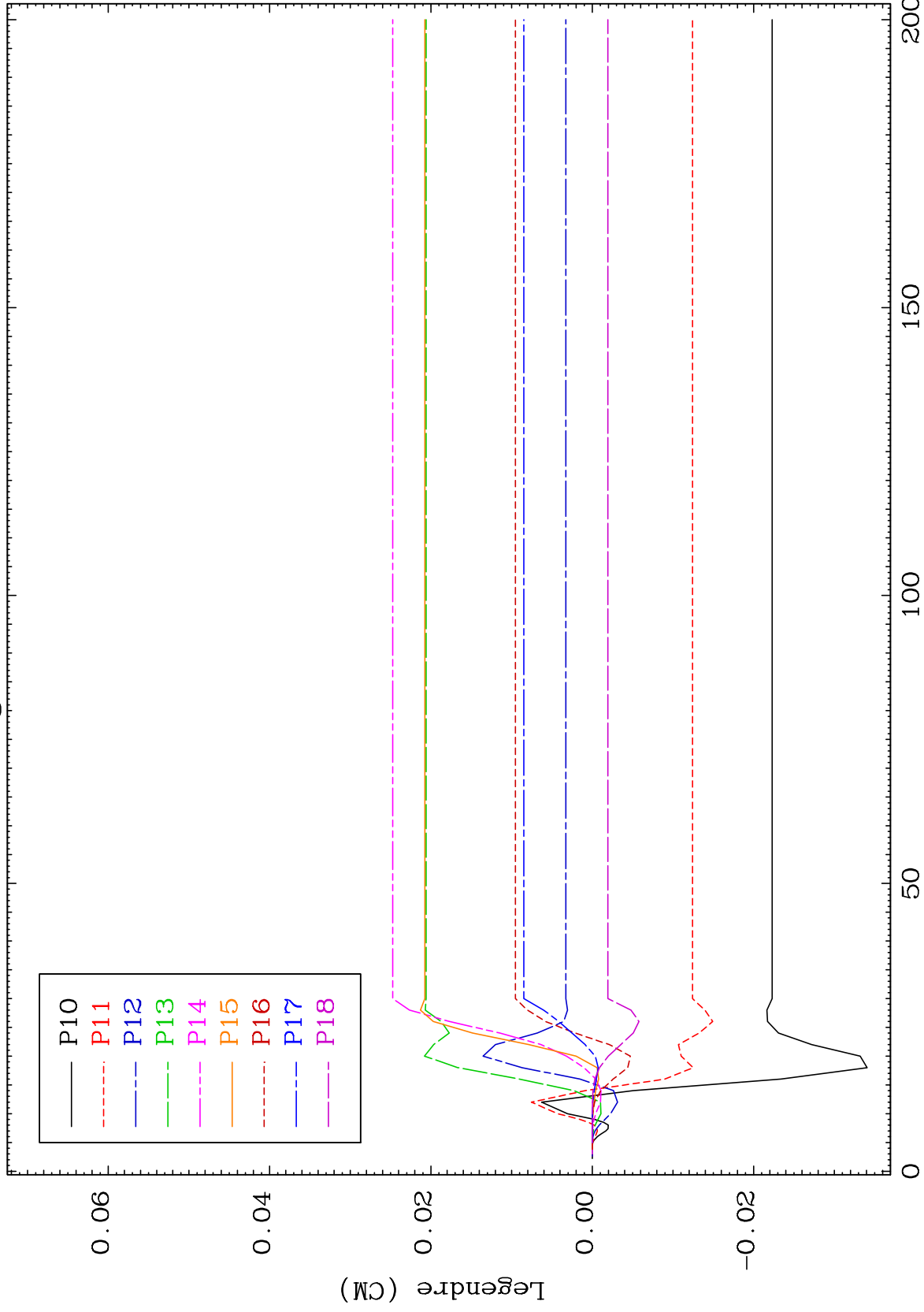
70-Yb-172



MAT 7037

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

70-Yb-172



91

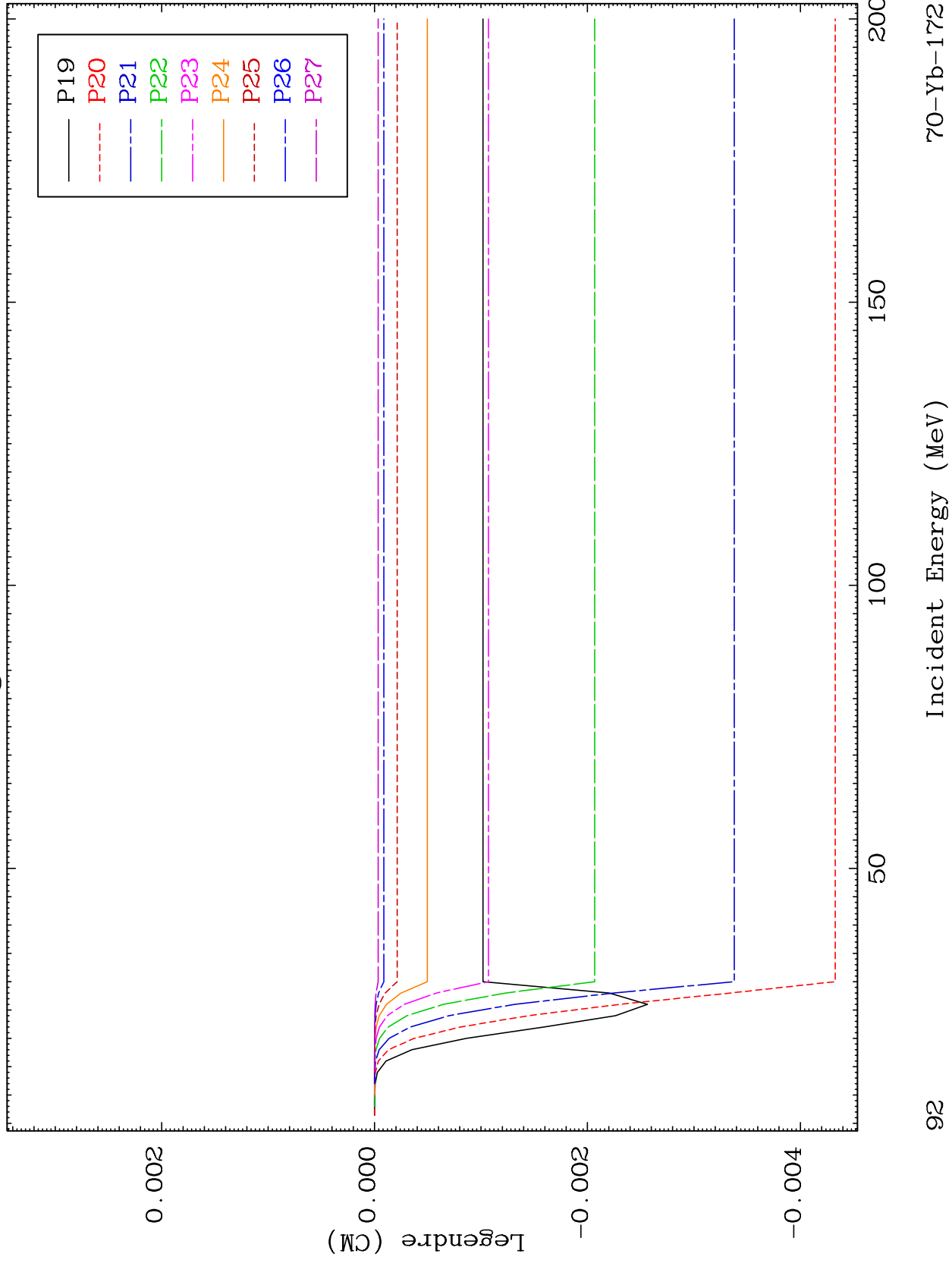
Incident Energy (MeV)

70-Yb-172

MAT 7037

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

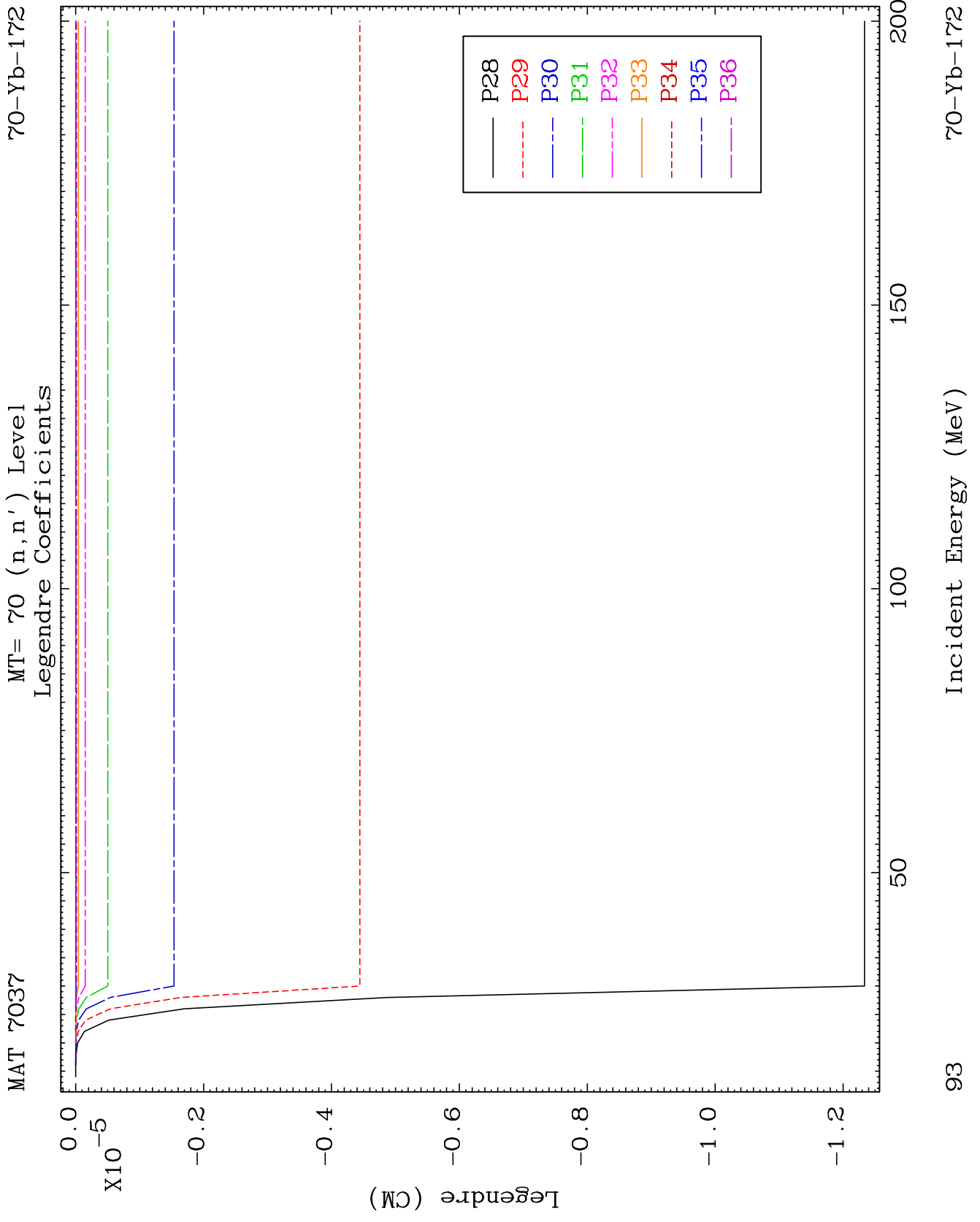
70-Yb-172



92

Incident Energy (MeV)

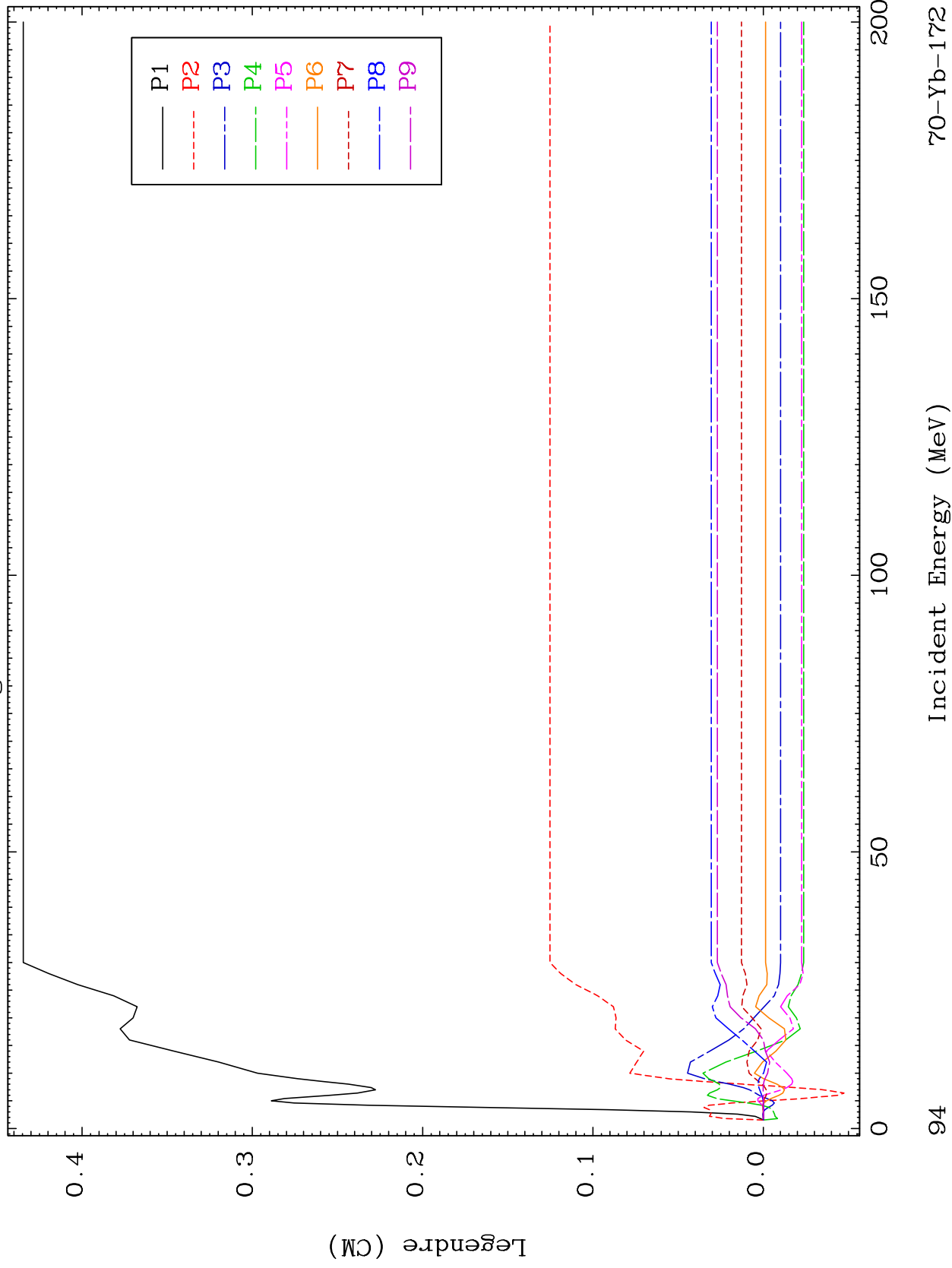
70-Yb-172



MAT 7037

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

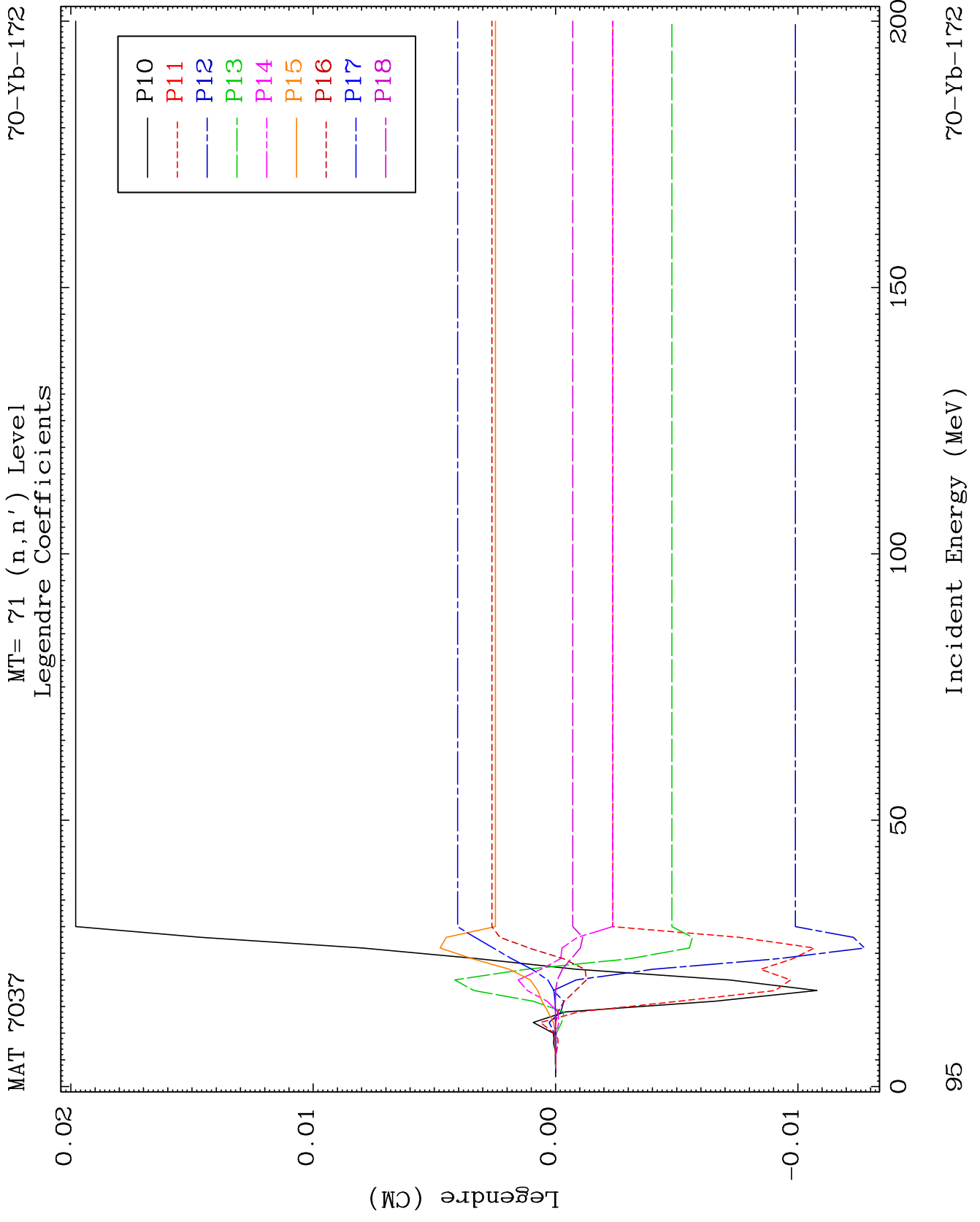
70-Yb-172



94

Incident Energy (MeV)

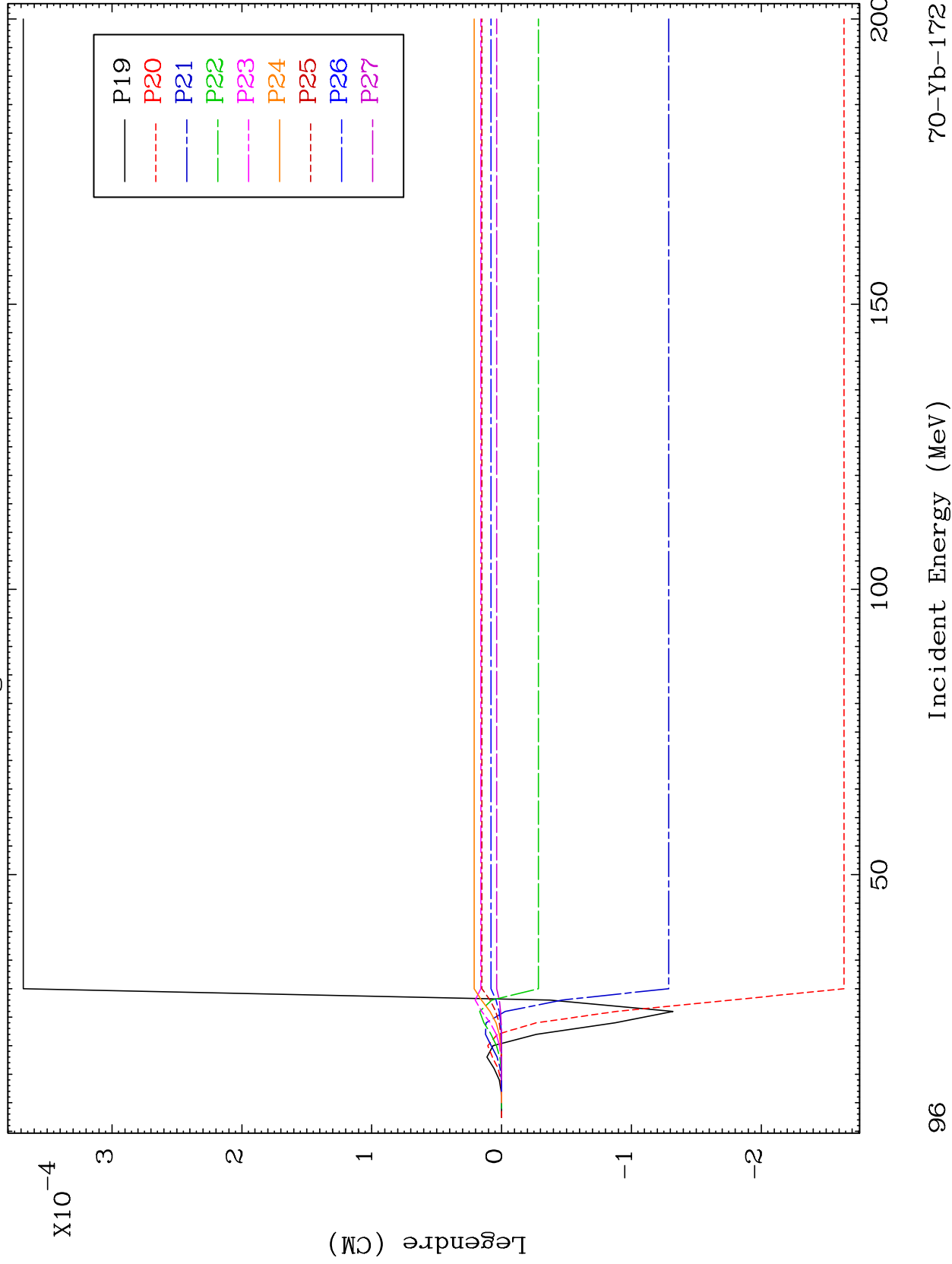
70-Yb-172



MAT 7037

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

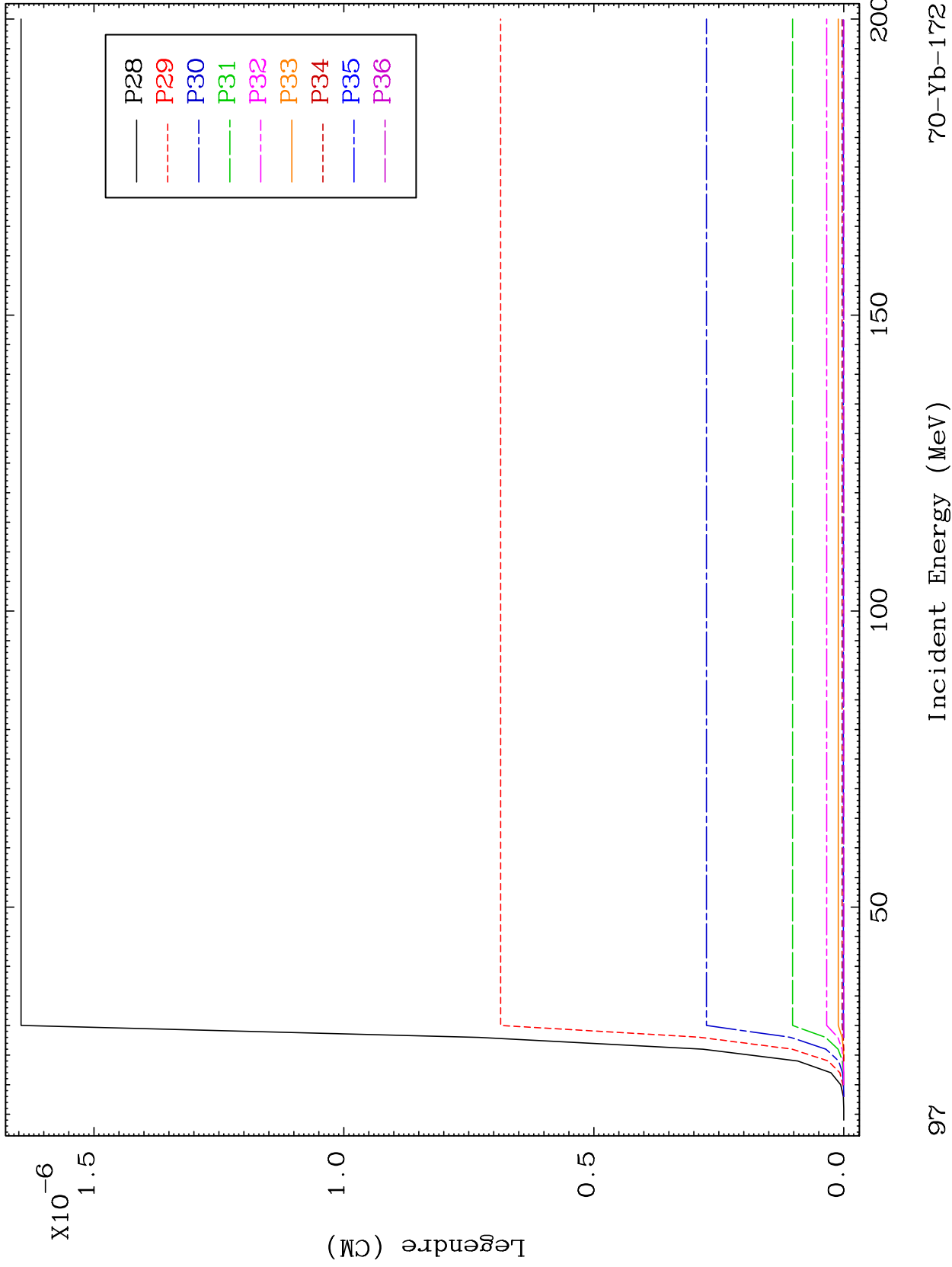
70-Yb-172



MAT 7037

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

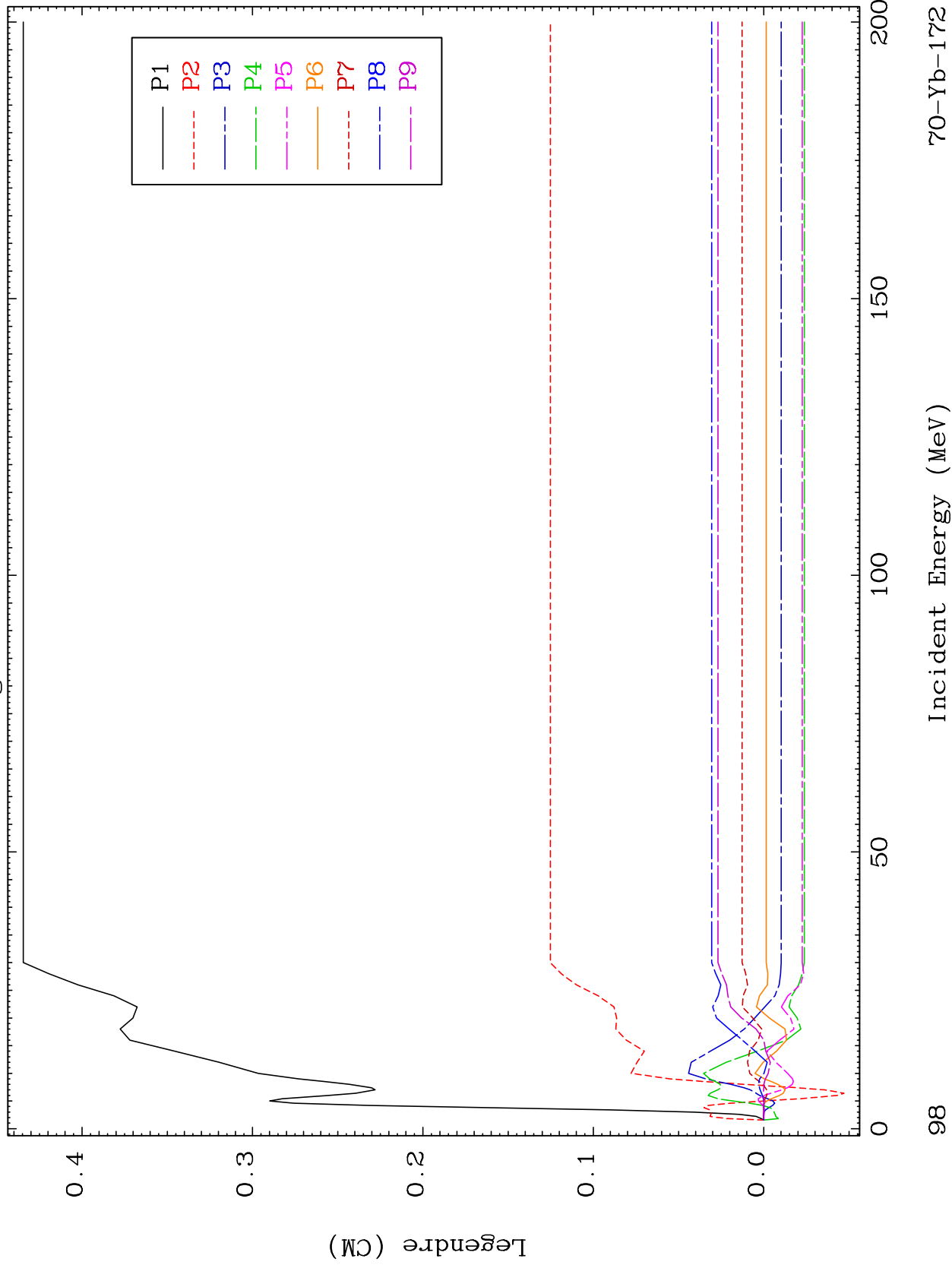
70-Yb-172



MAT 7037

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

70-Yb-172



70-Yb-172

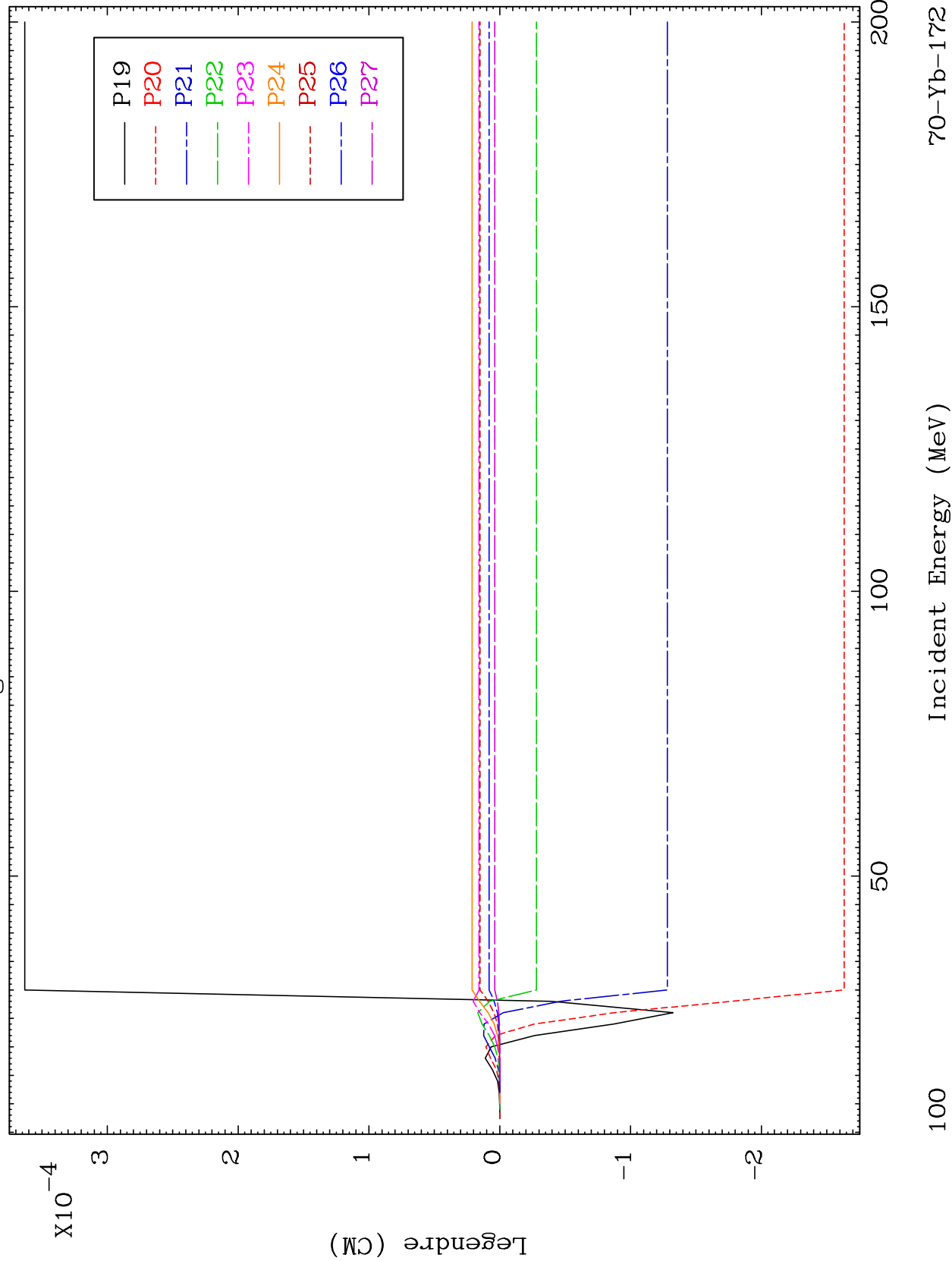
Incident Energy (MeV)

98

MAT 7037

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

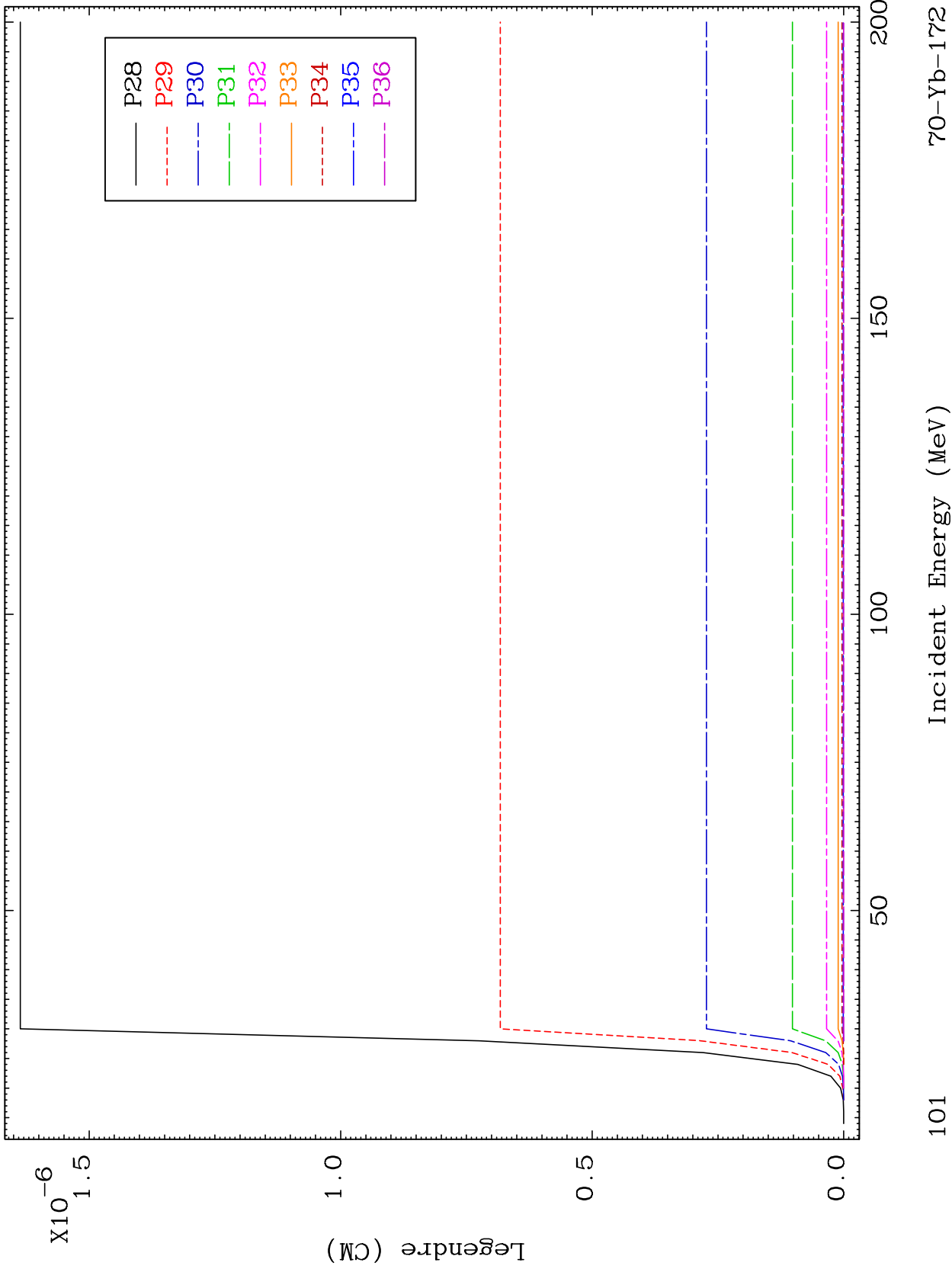
70-Yb-172



MAT 7037

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

70-Yb-172

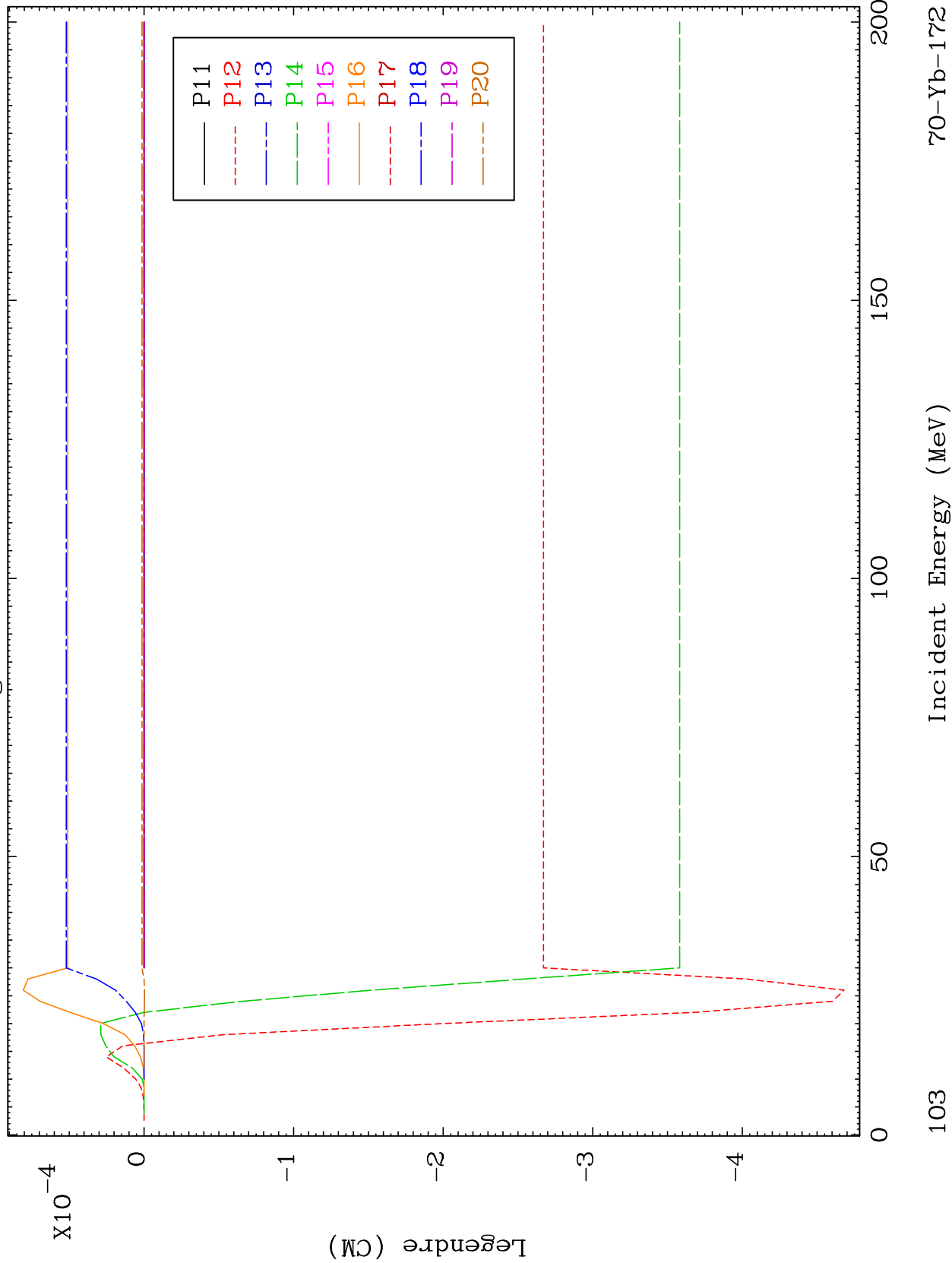


101

MAT 7037

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

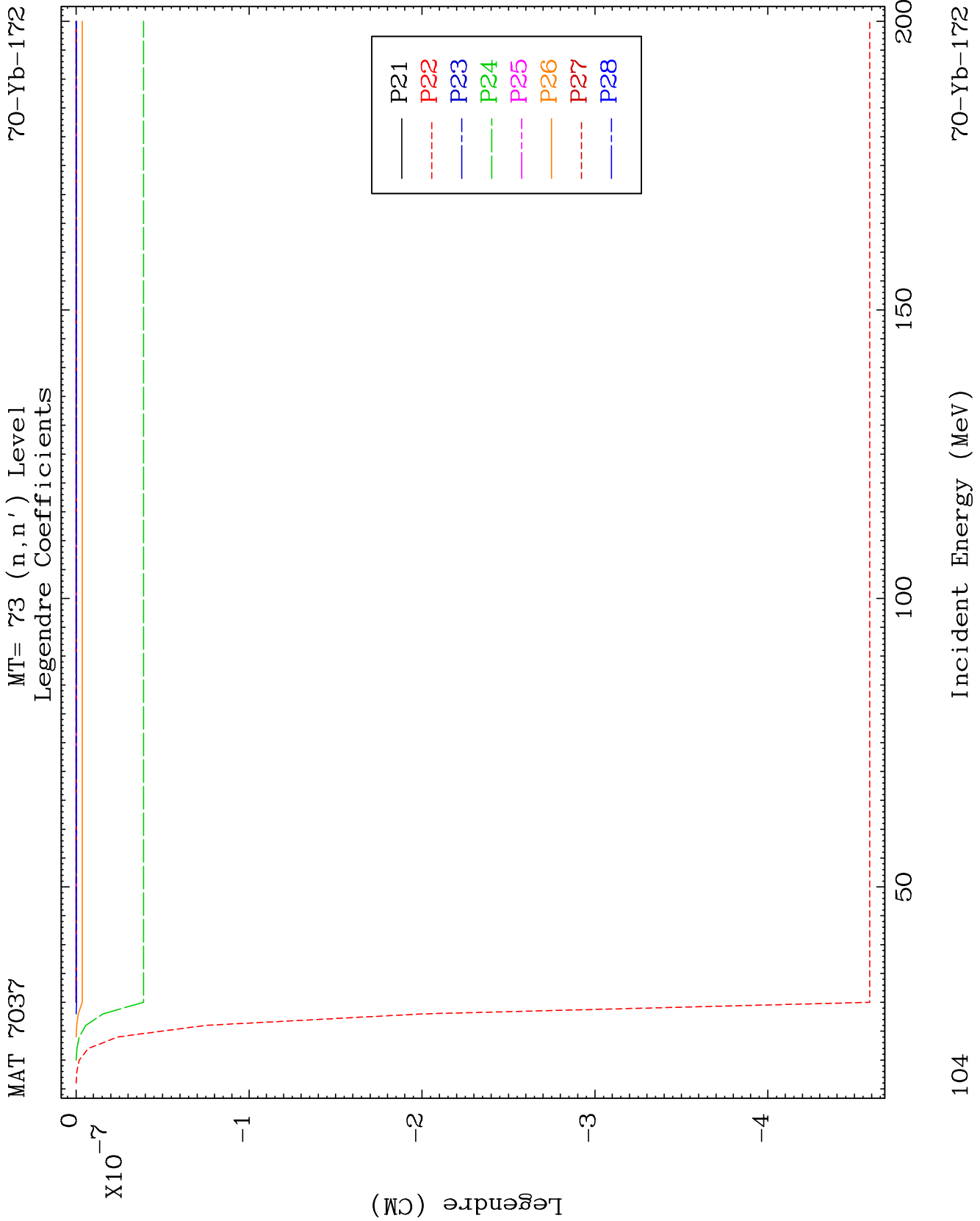
70-Yb-172

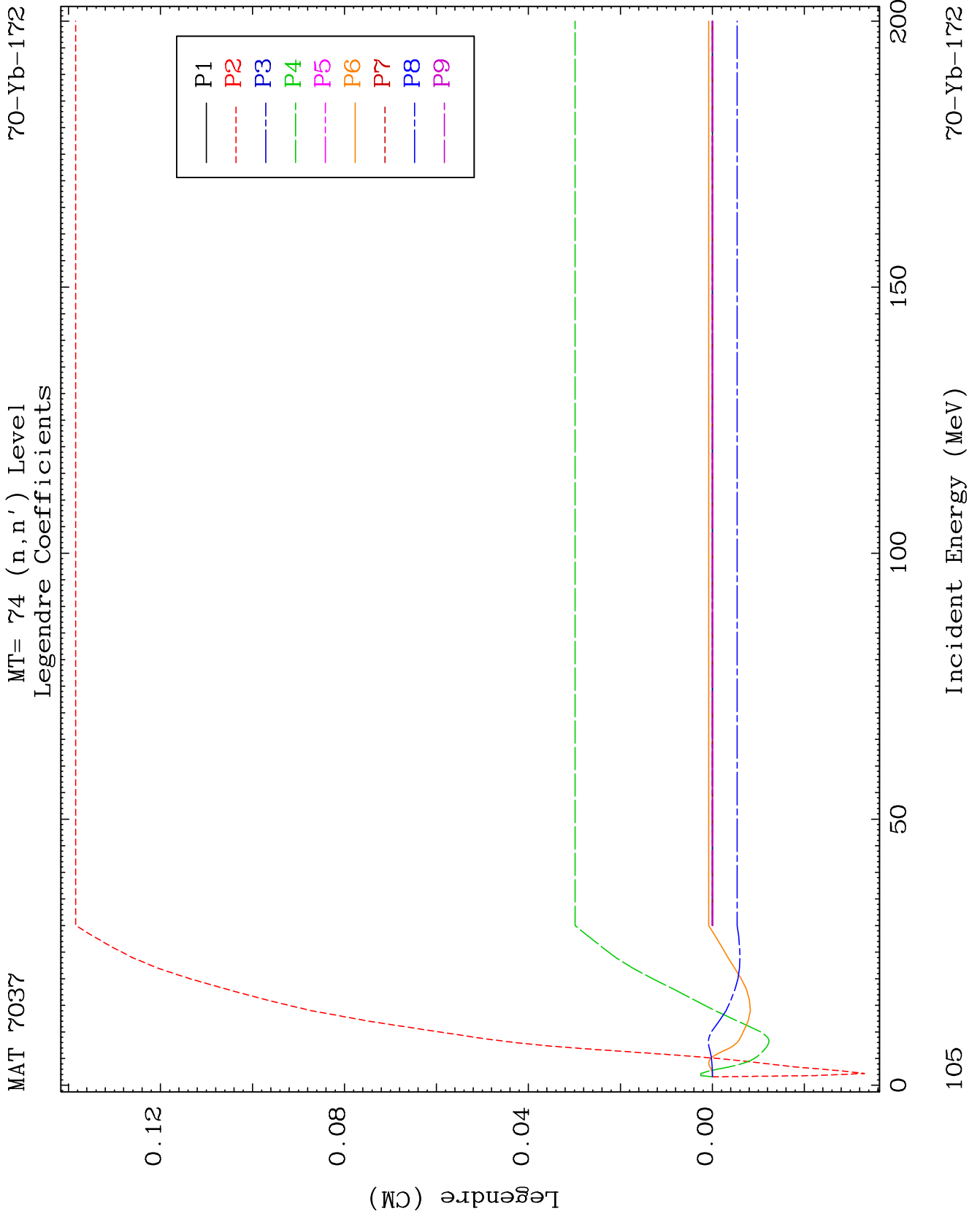


103

Incident Energy (MeV)

70-Yb-172

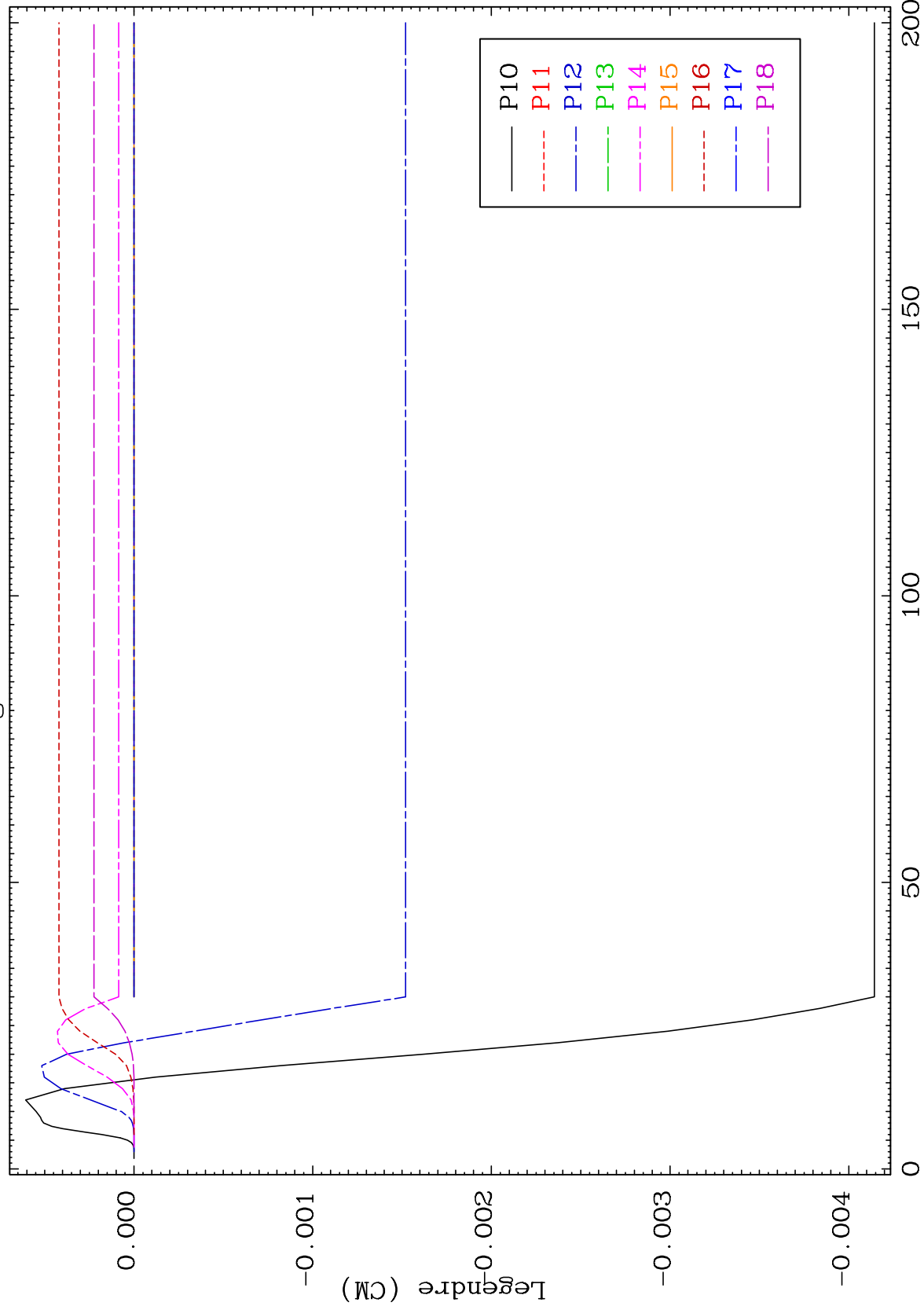




MAT 7037

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

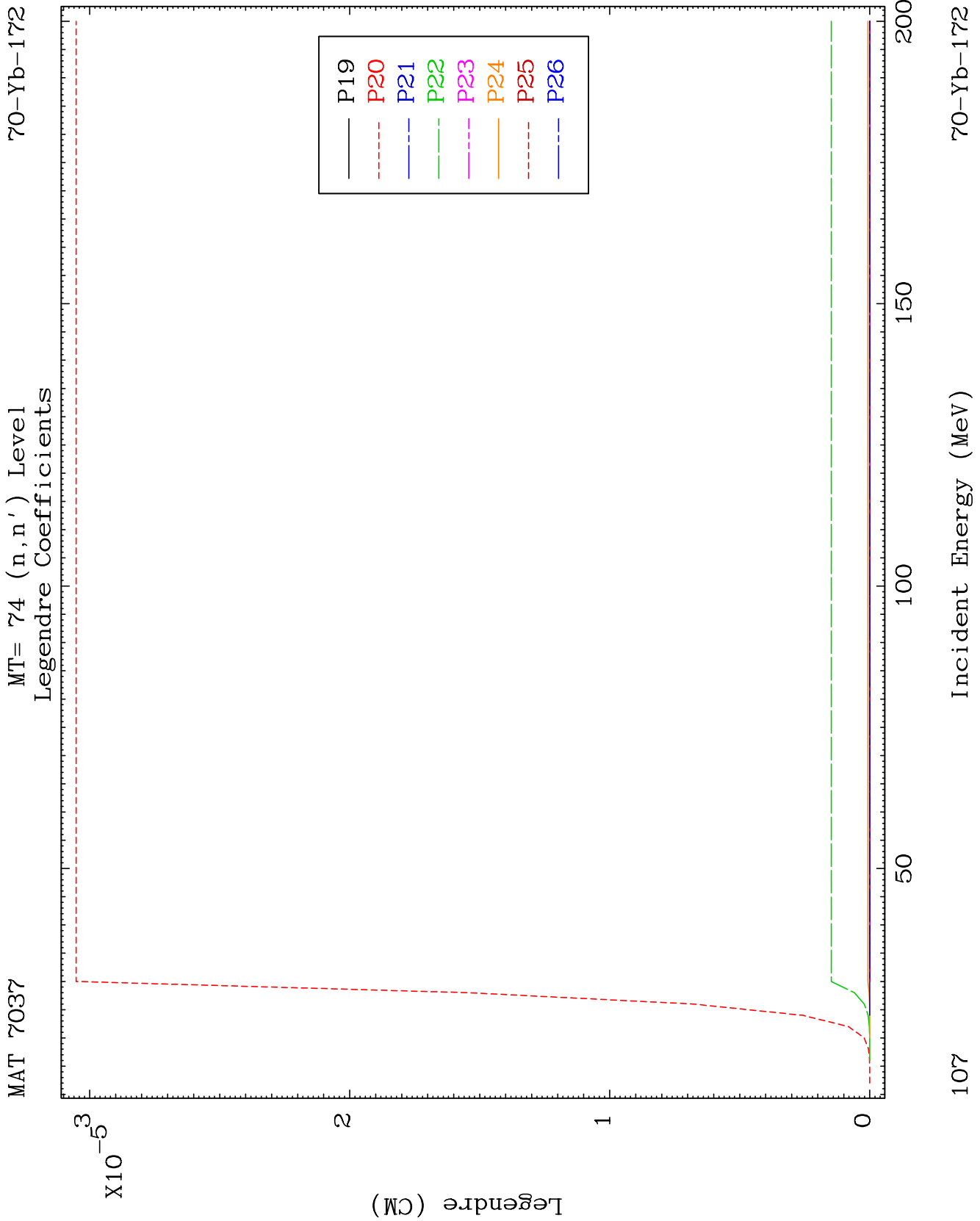
70-Yb-172



106

Incident Energy (MeV)

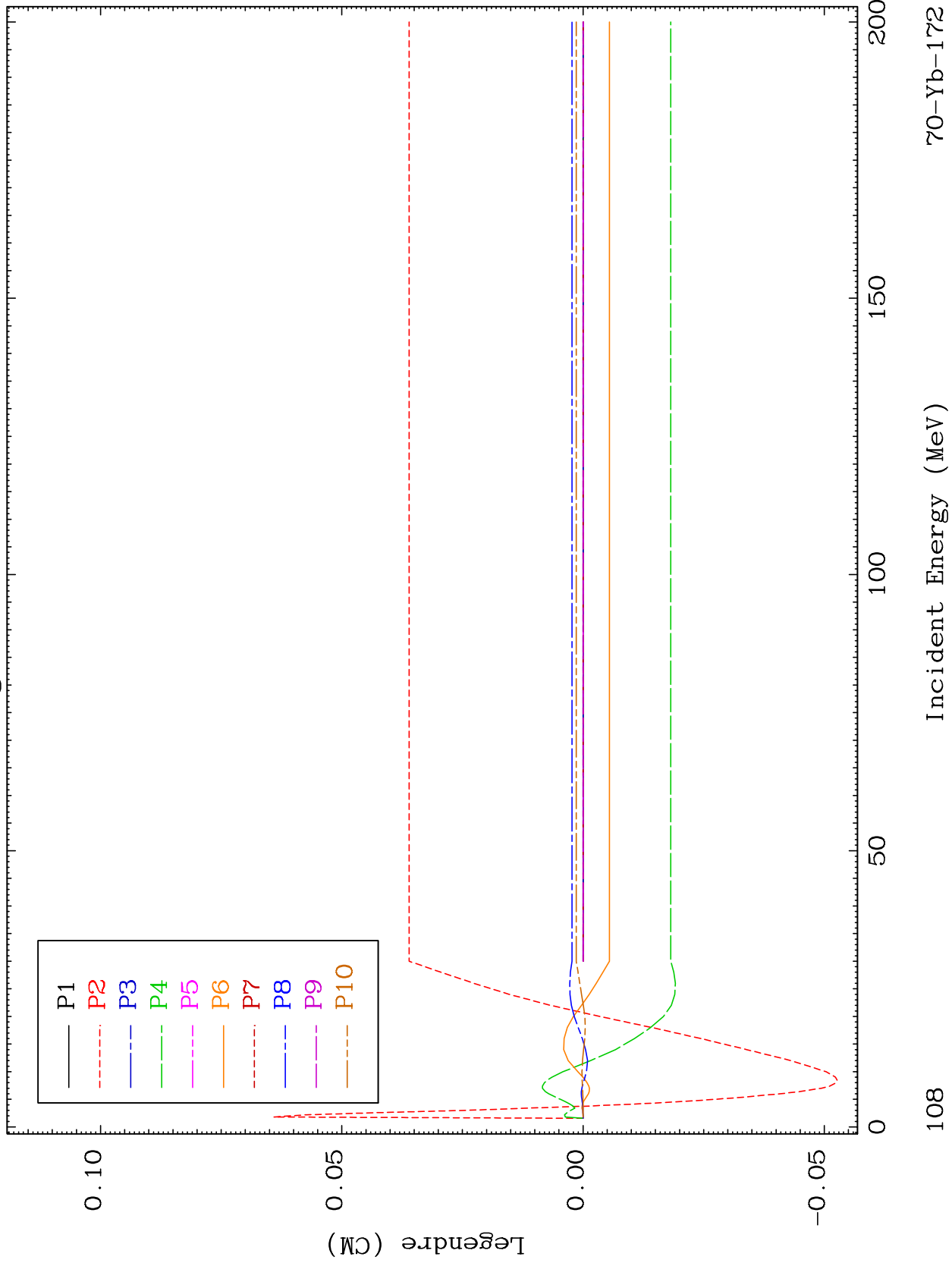
70-Yb-172



MAT 7037

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

70-Yb-172



70-Yb-172

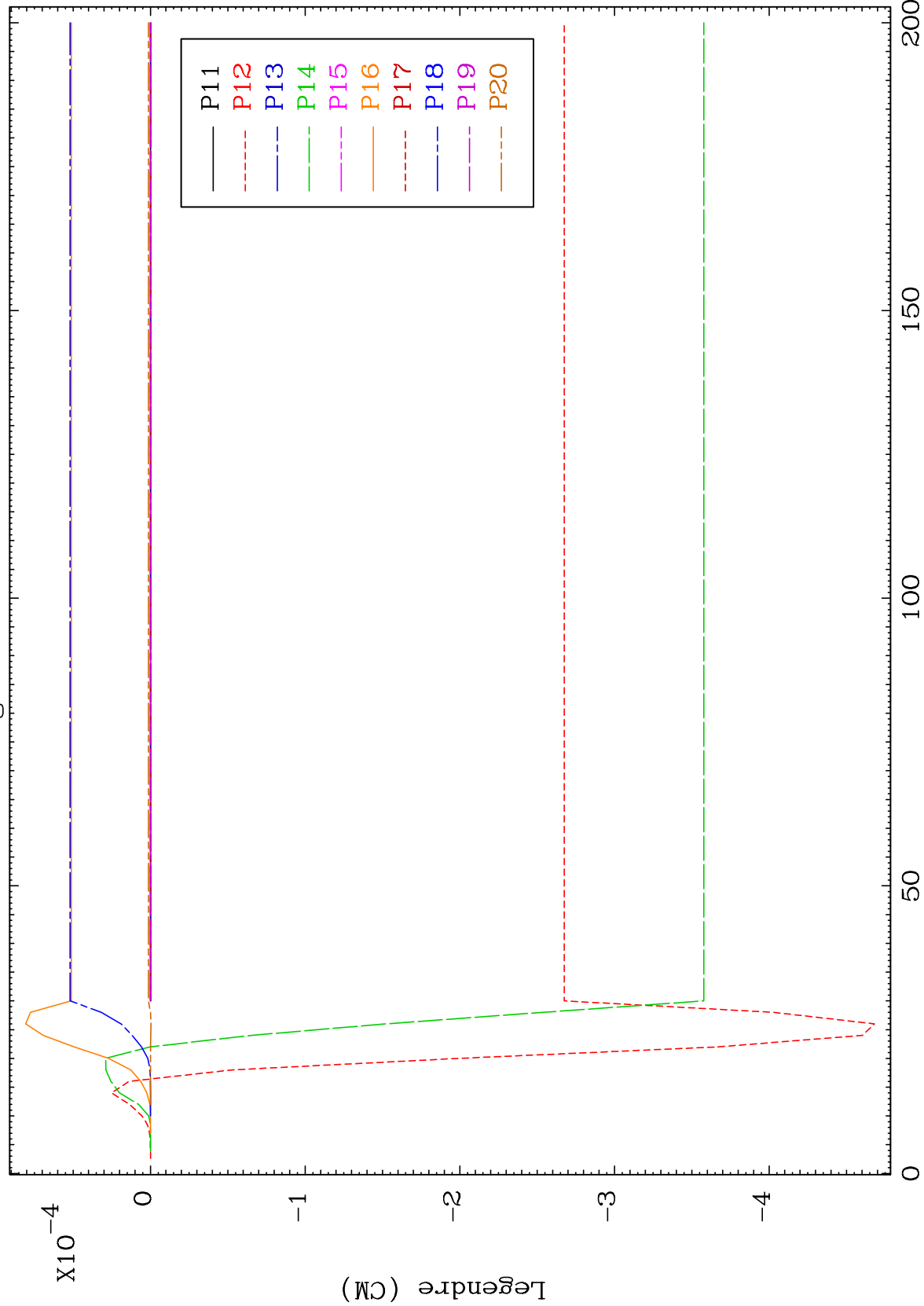
Incident Energy (MeV)

108

MAT 7037

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

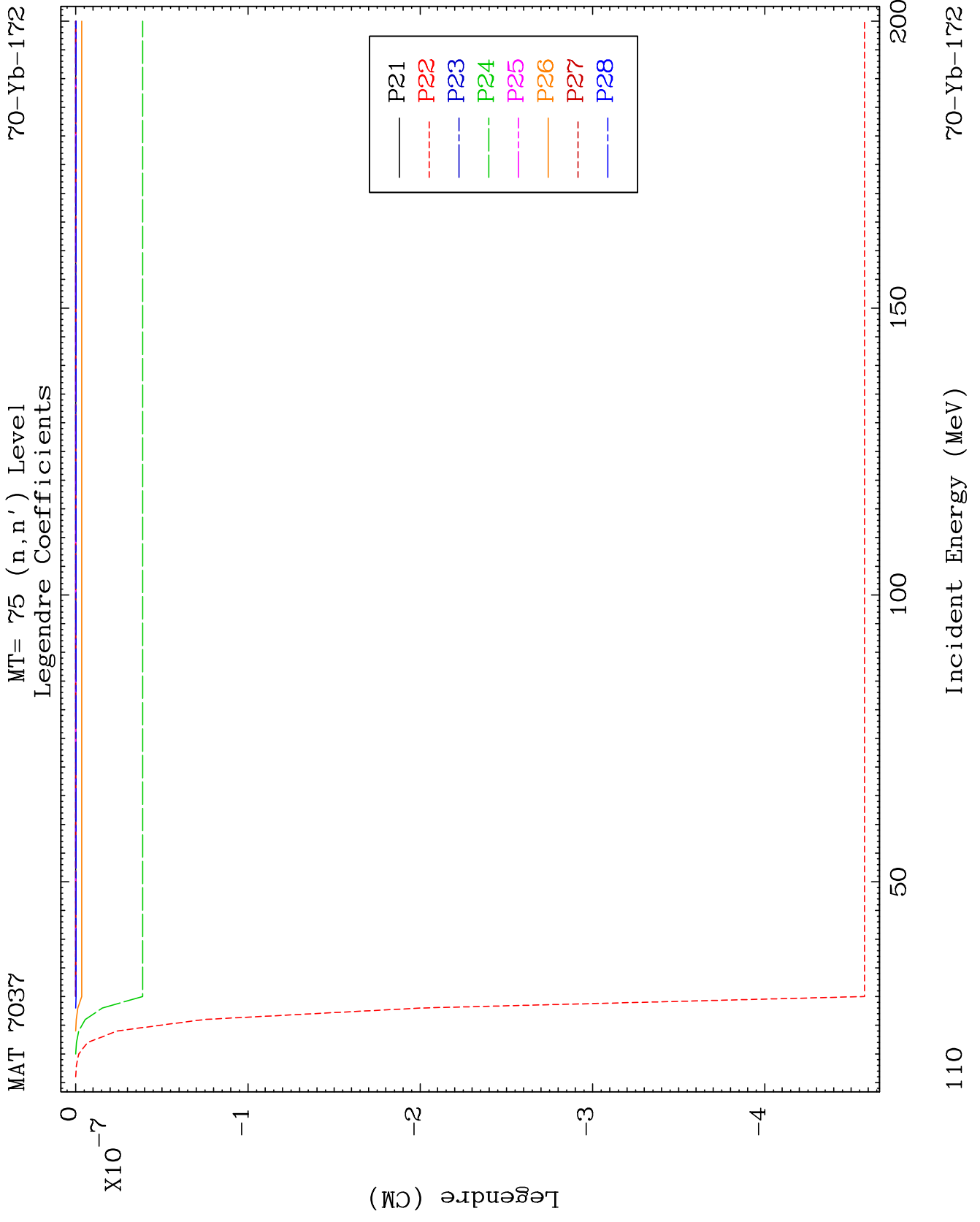
70-Yb-172



109

Incident Energy (MeV)

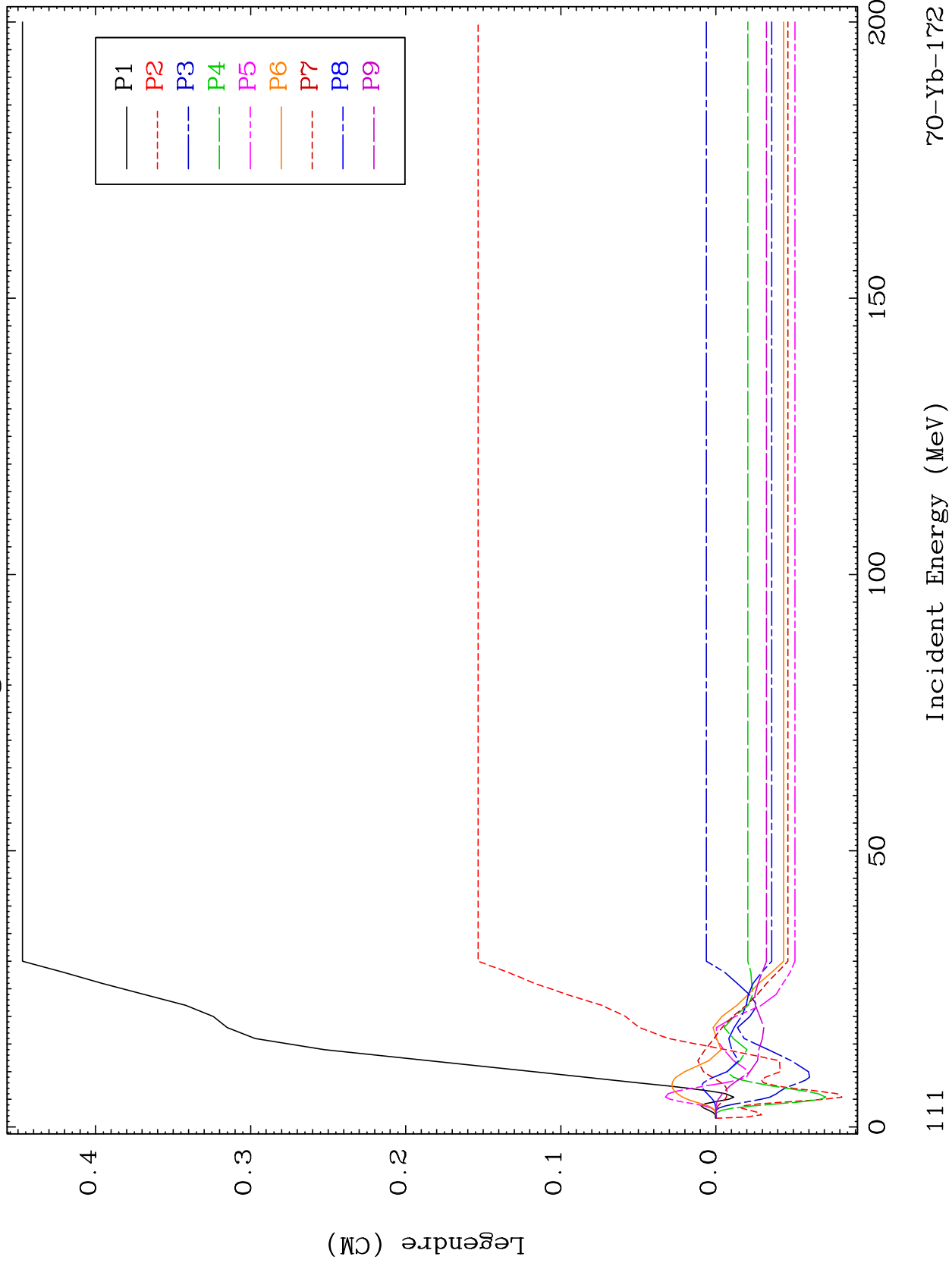
70-Yb-172



MAT 7037

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

70-Yb-172

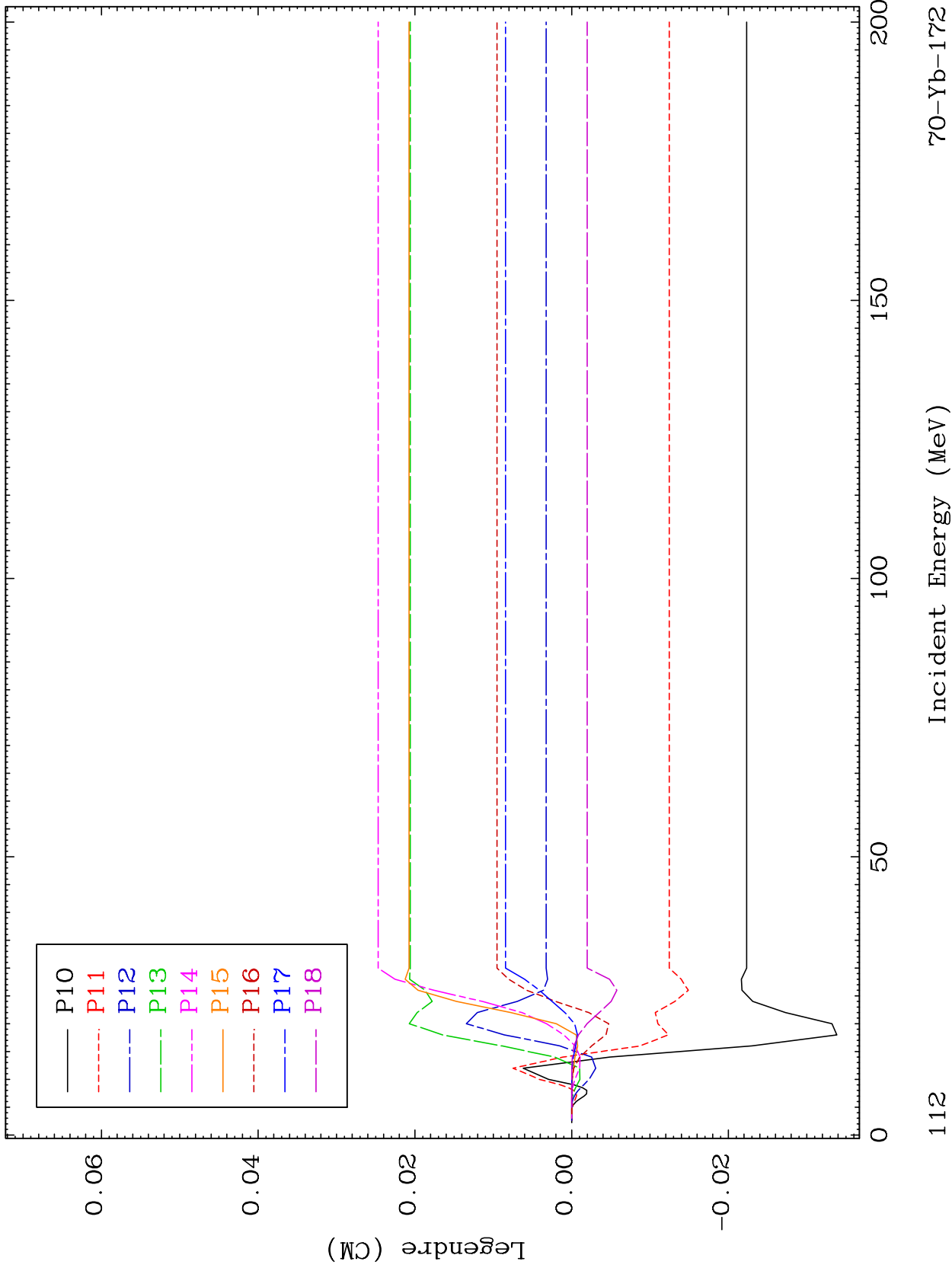


111

MAT 7037

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

70-Yb-172



112

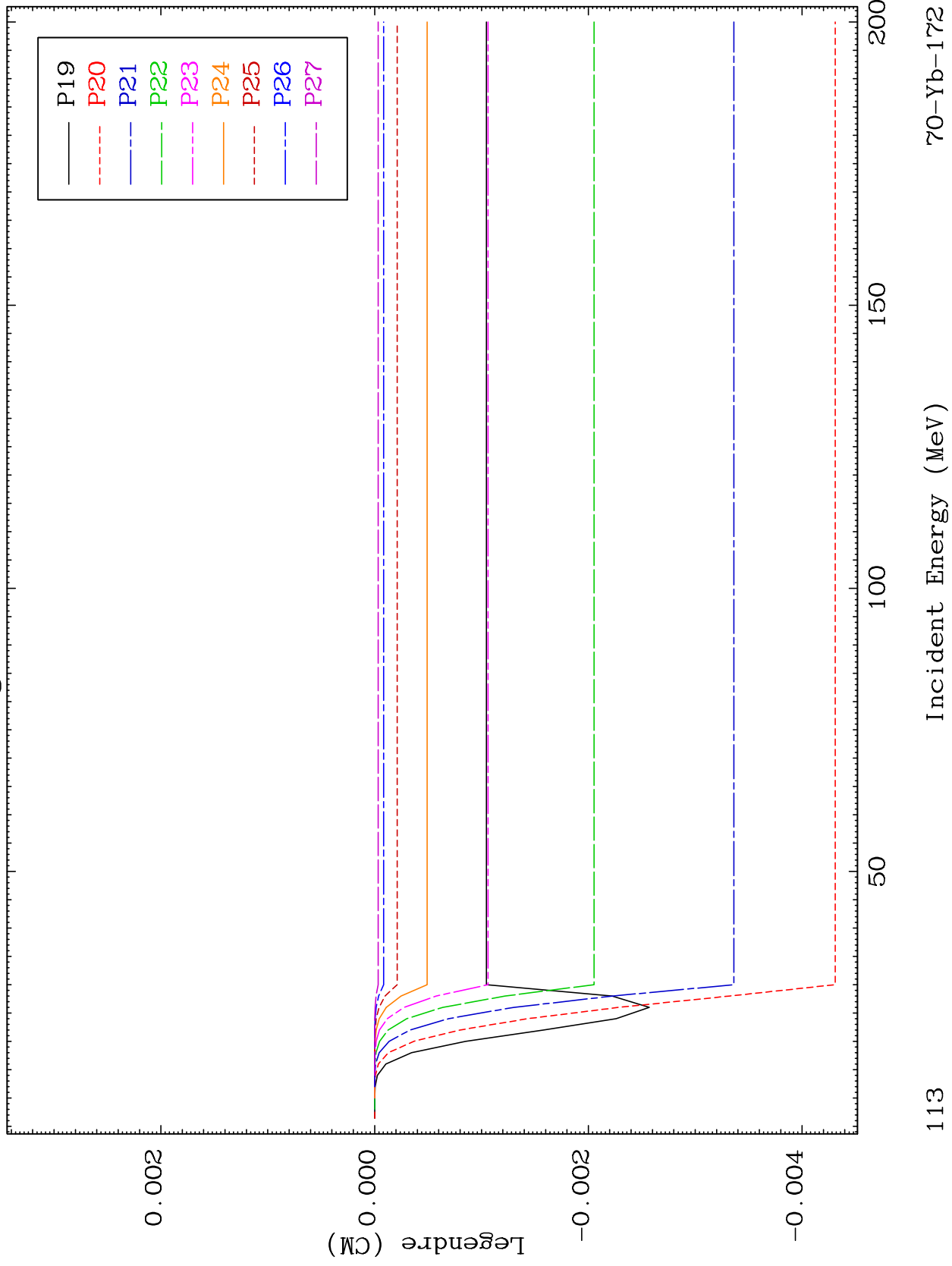
Incident Energy (MeV)

70-Yb-172

MAT 7037

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

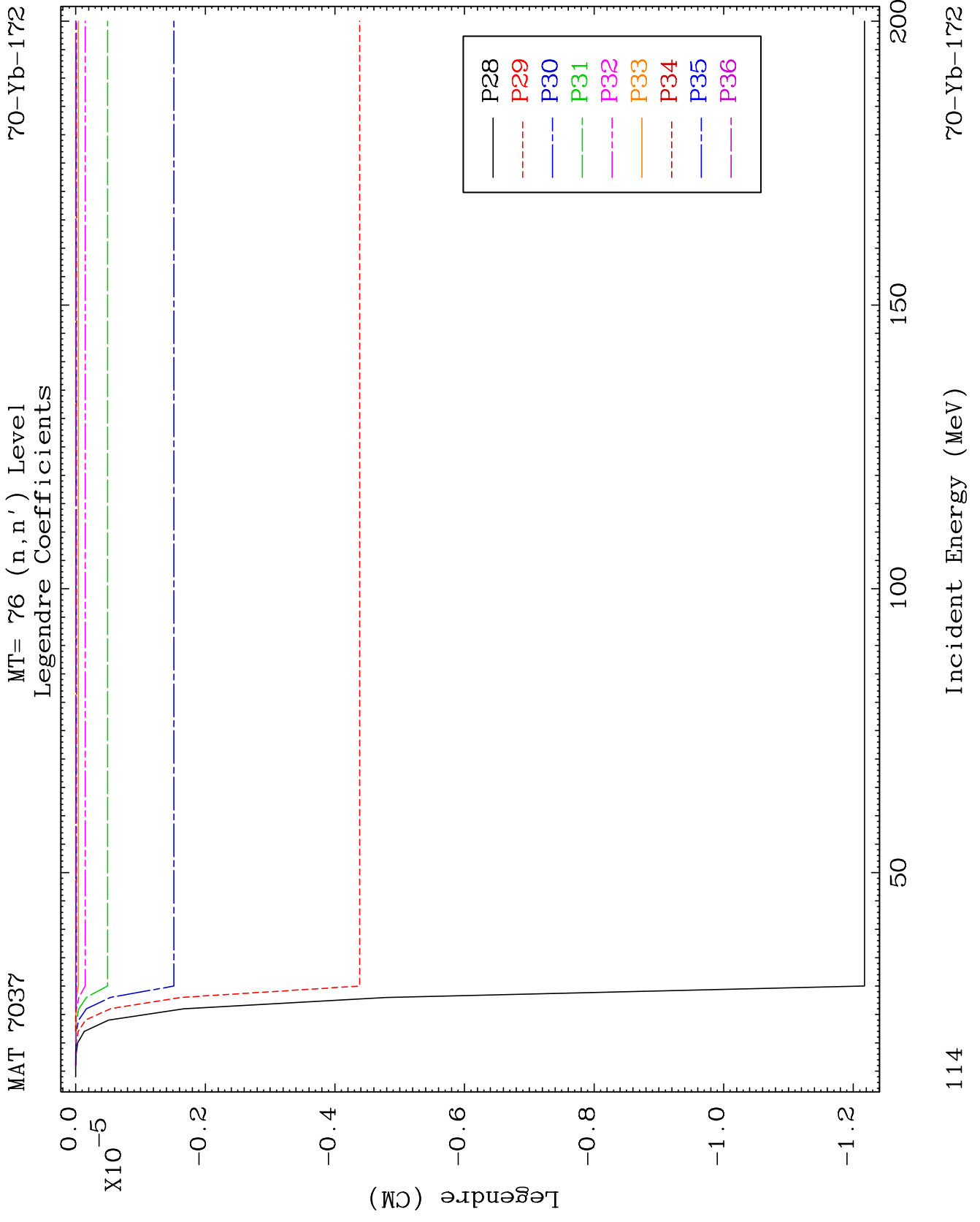
70-Yb-172



113

Incident Energy (MeV)

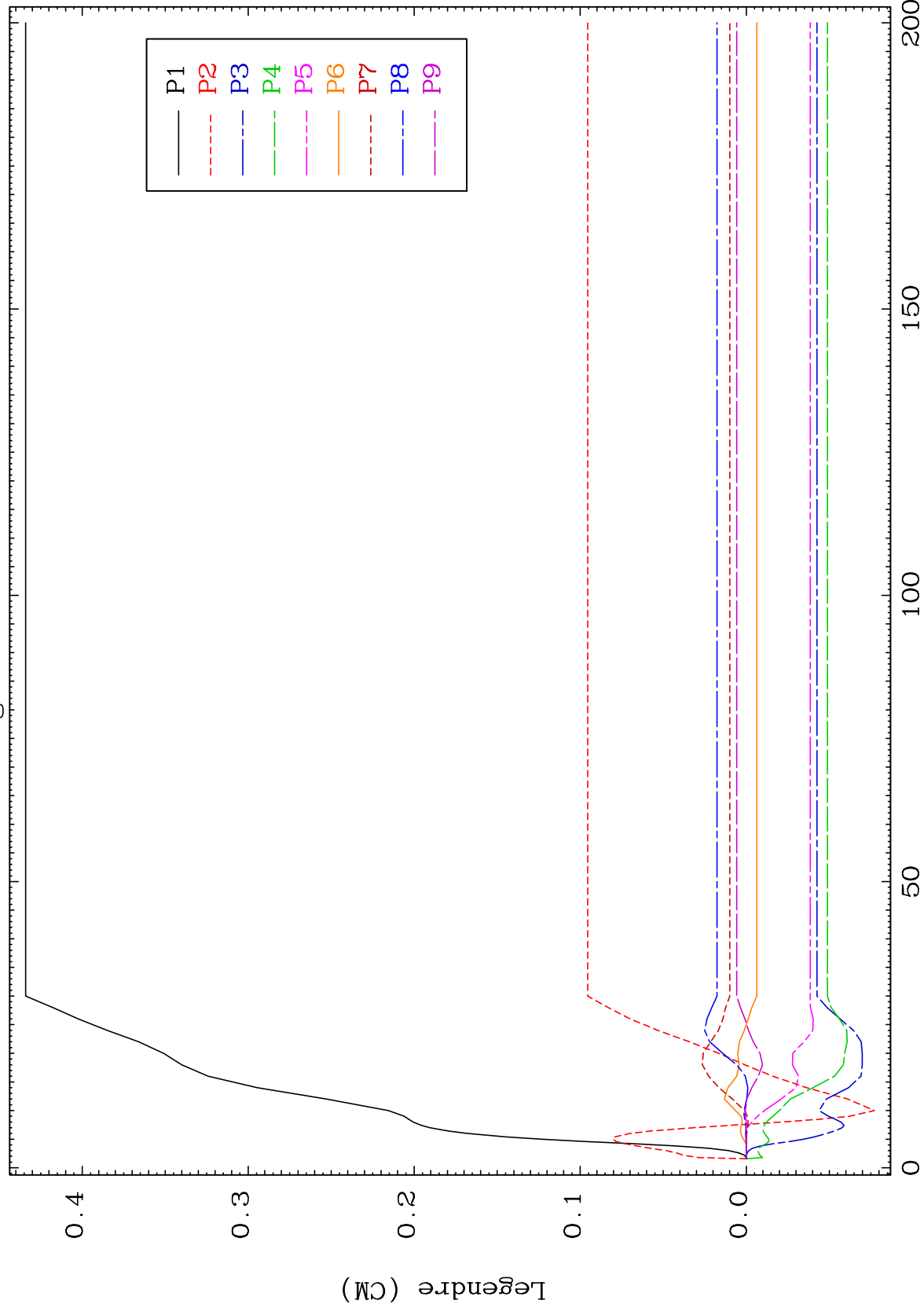
70-Yb-172



MAT 7037

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

70-Yb-172



70-Yb-172

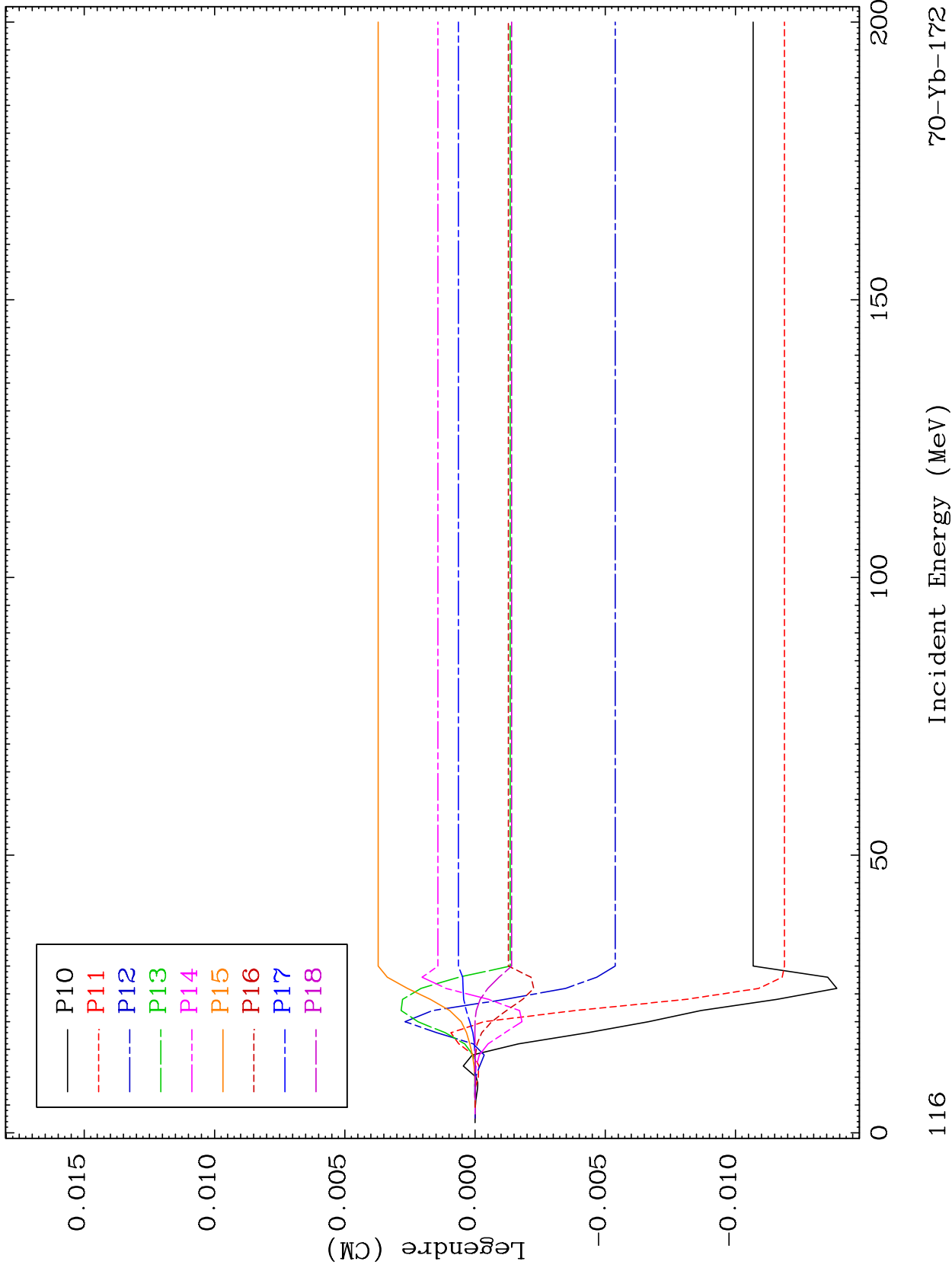
Incident Energy (MeV)

115

MAT 7037

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

70-Yb-172



116

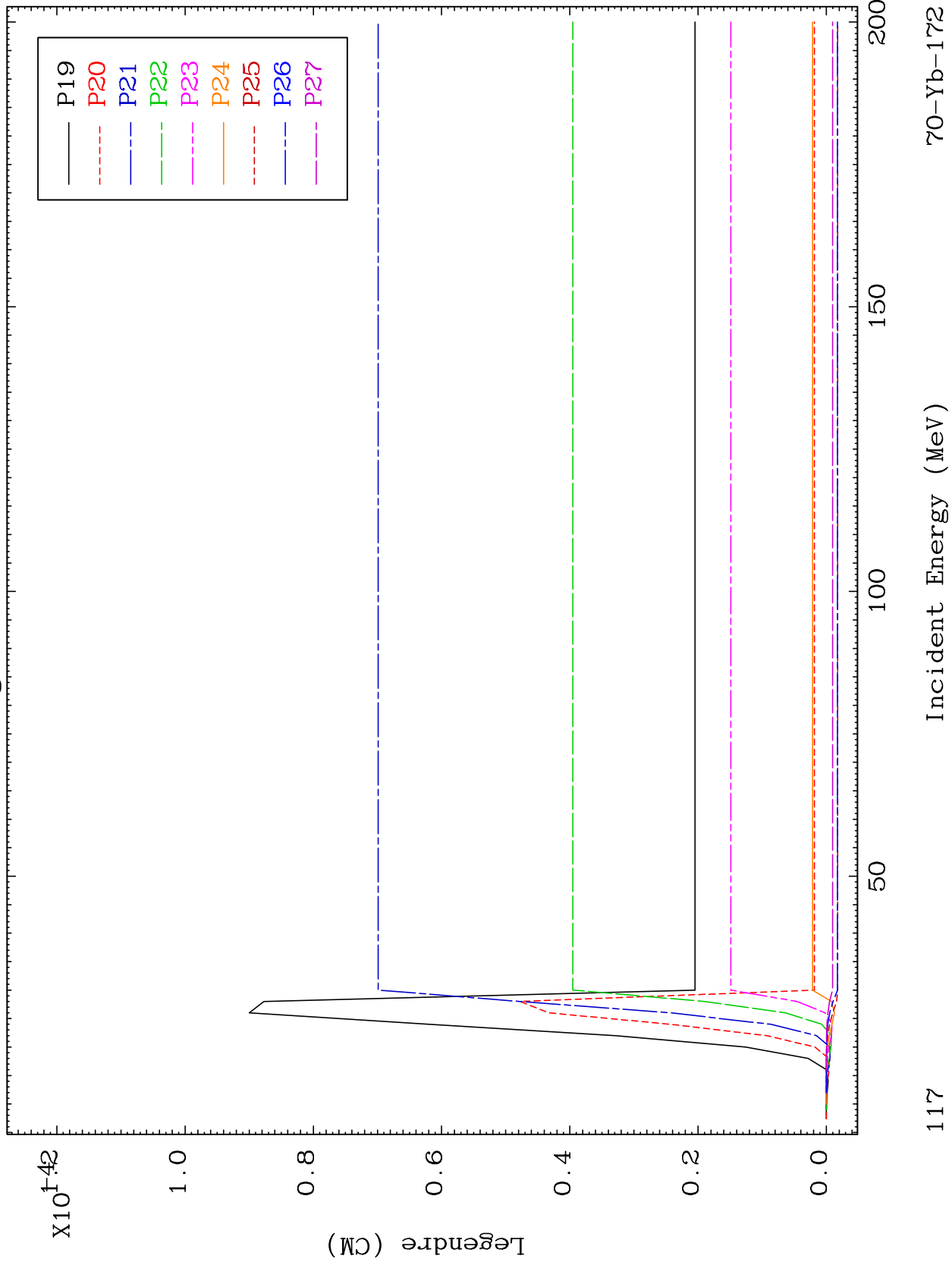
Incident Energy (MeV)

70-Yb-172

MAT 7037

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

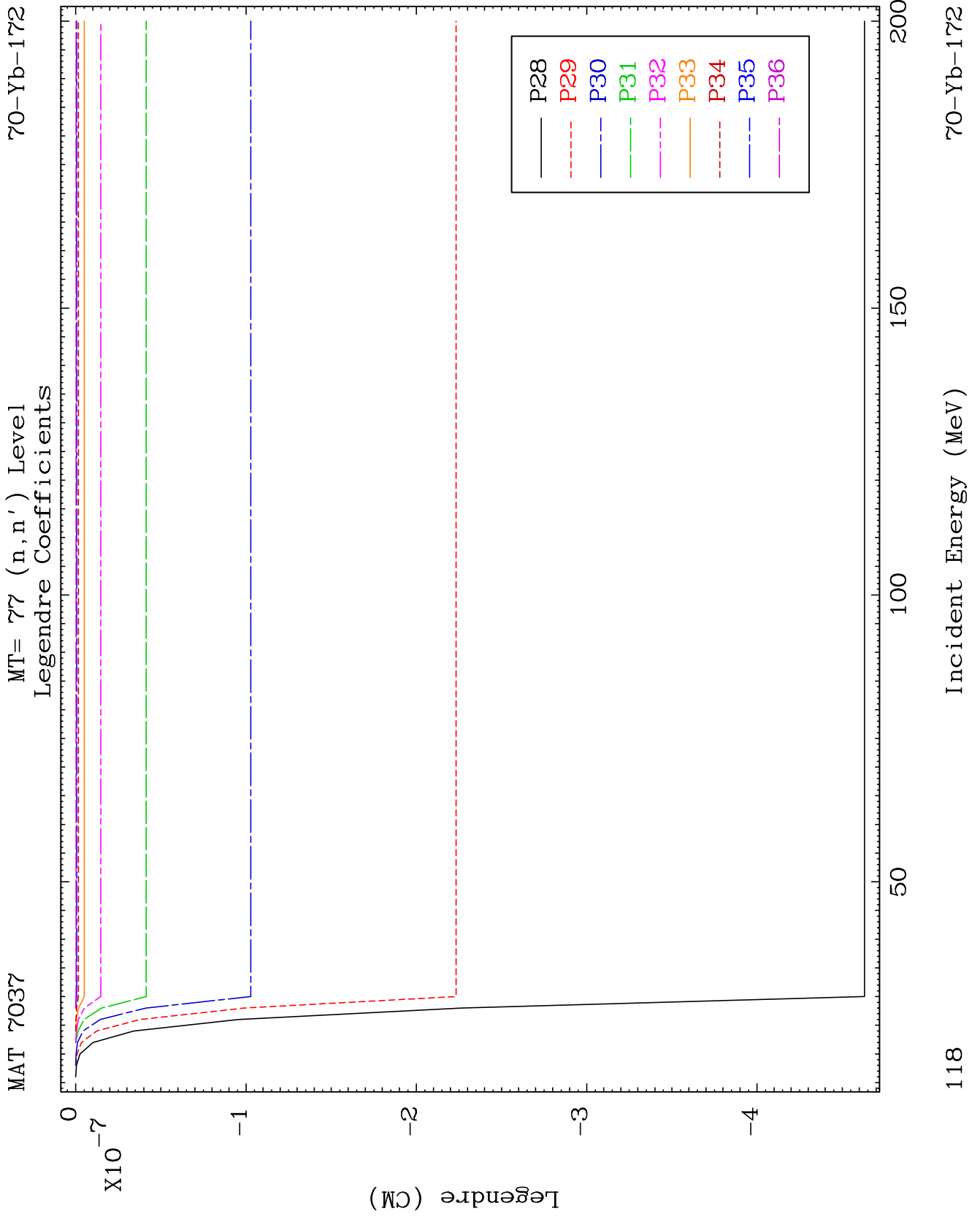
70-Yb-172



117

Incident Energy (MeV)

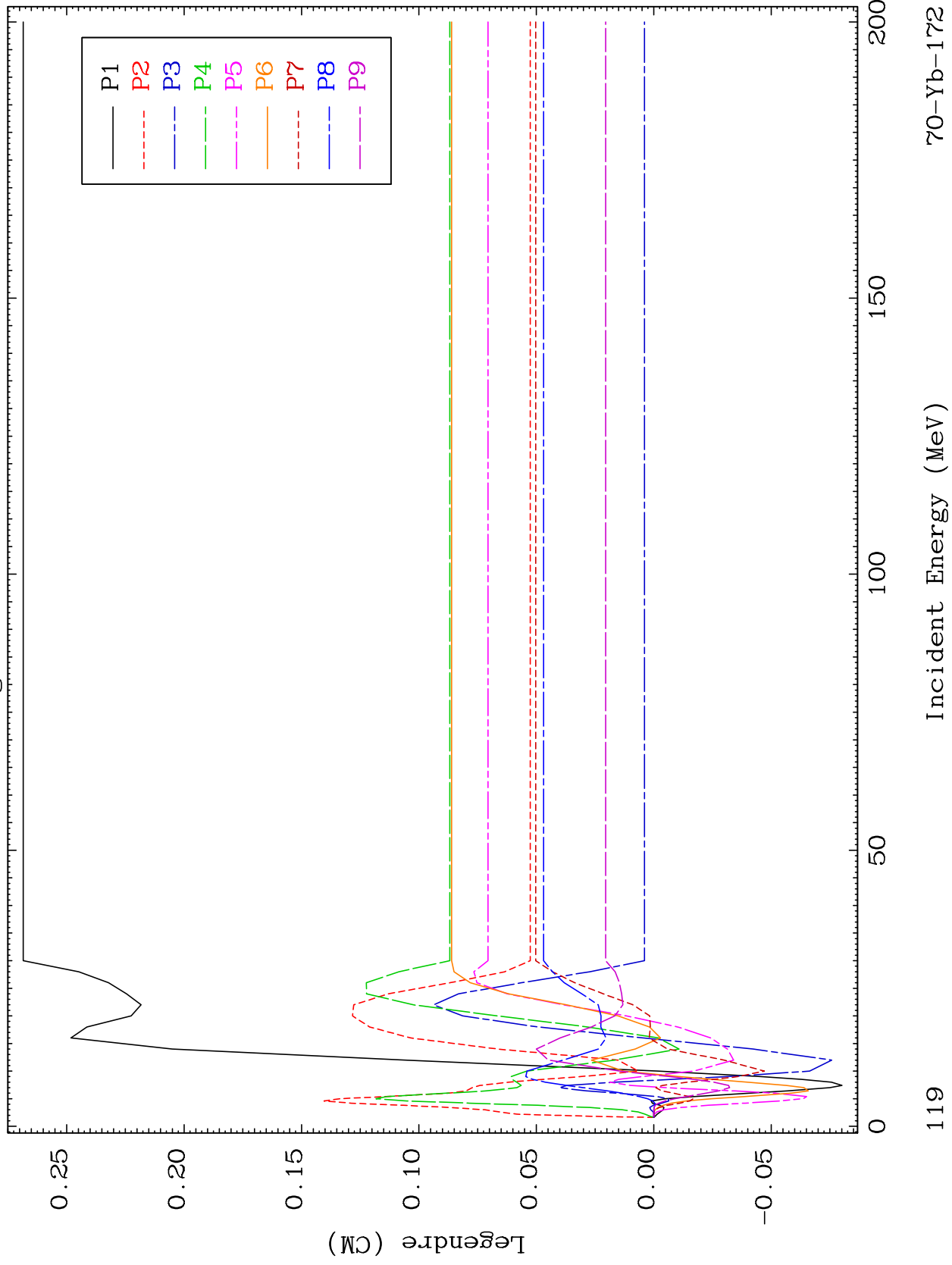
70-Yb-172



MAT 7037

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

70-Yb-172



119

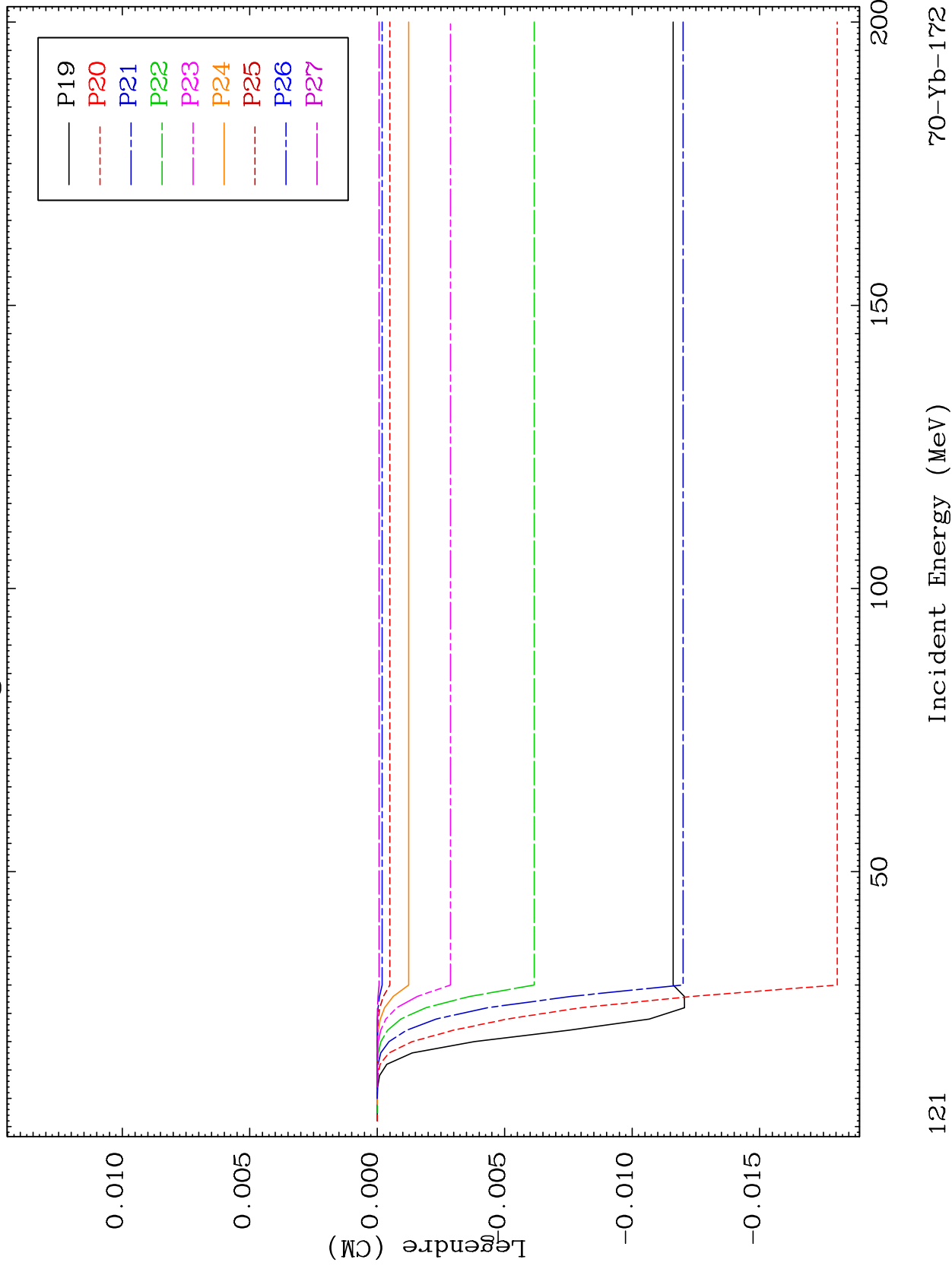
Incident Energy (MeV)

70-Yb-172

MAT 7037

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

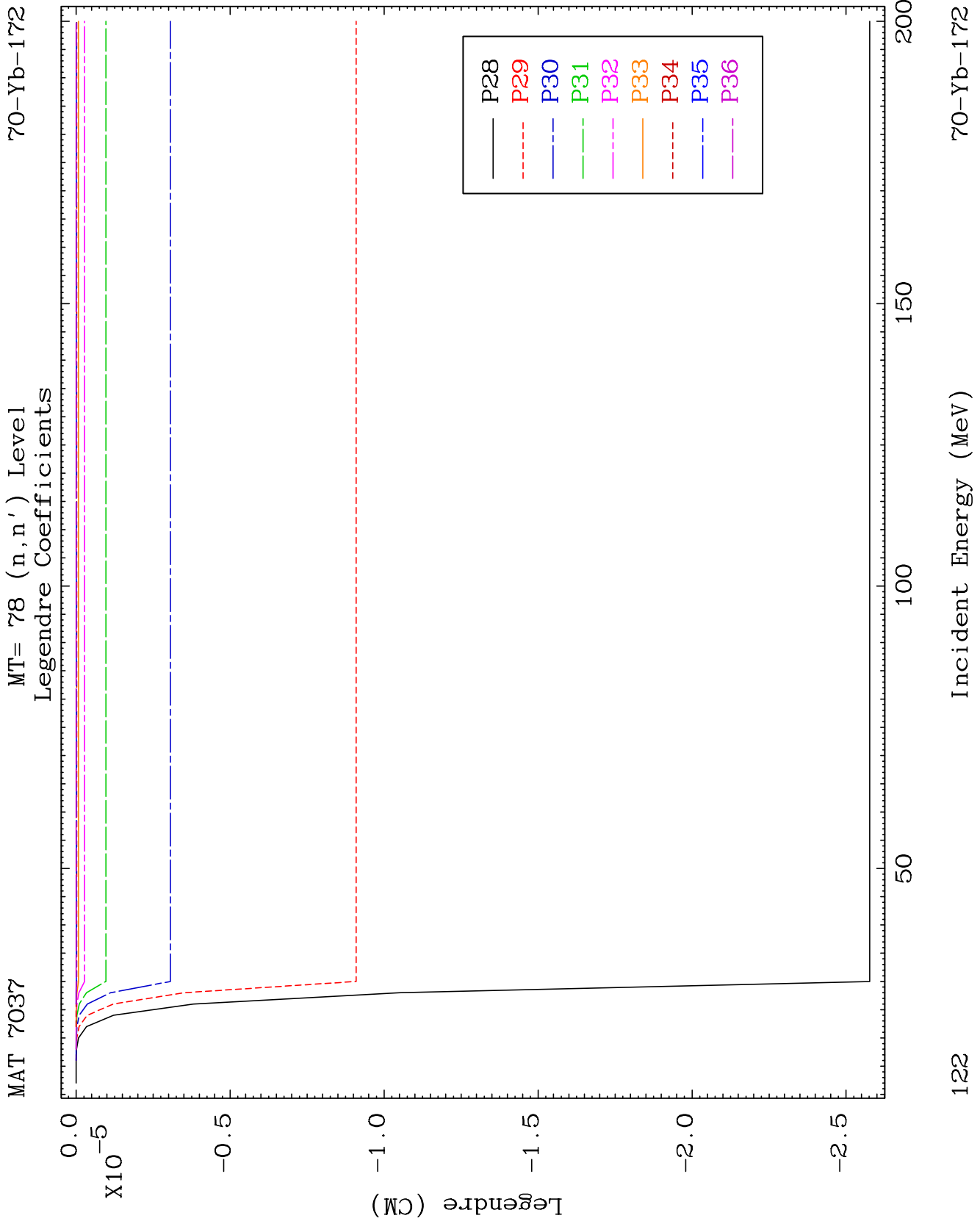
70-Yb-172



121

Incident Energy (MeV)

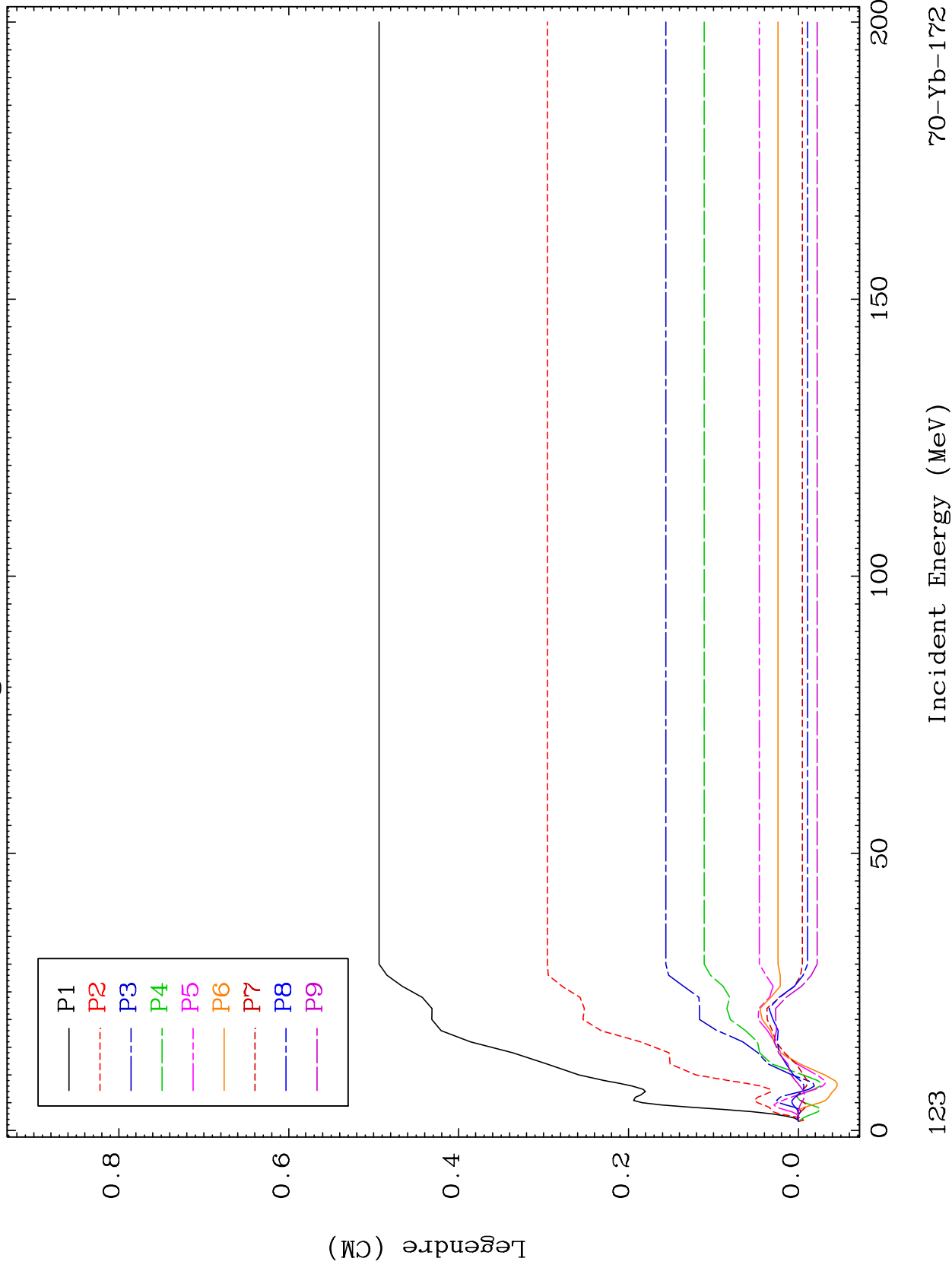
70-Yb-172



MAT 7037

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

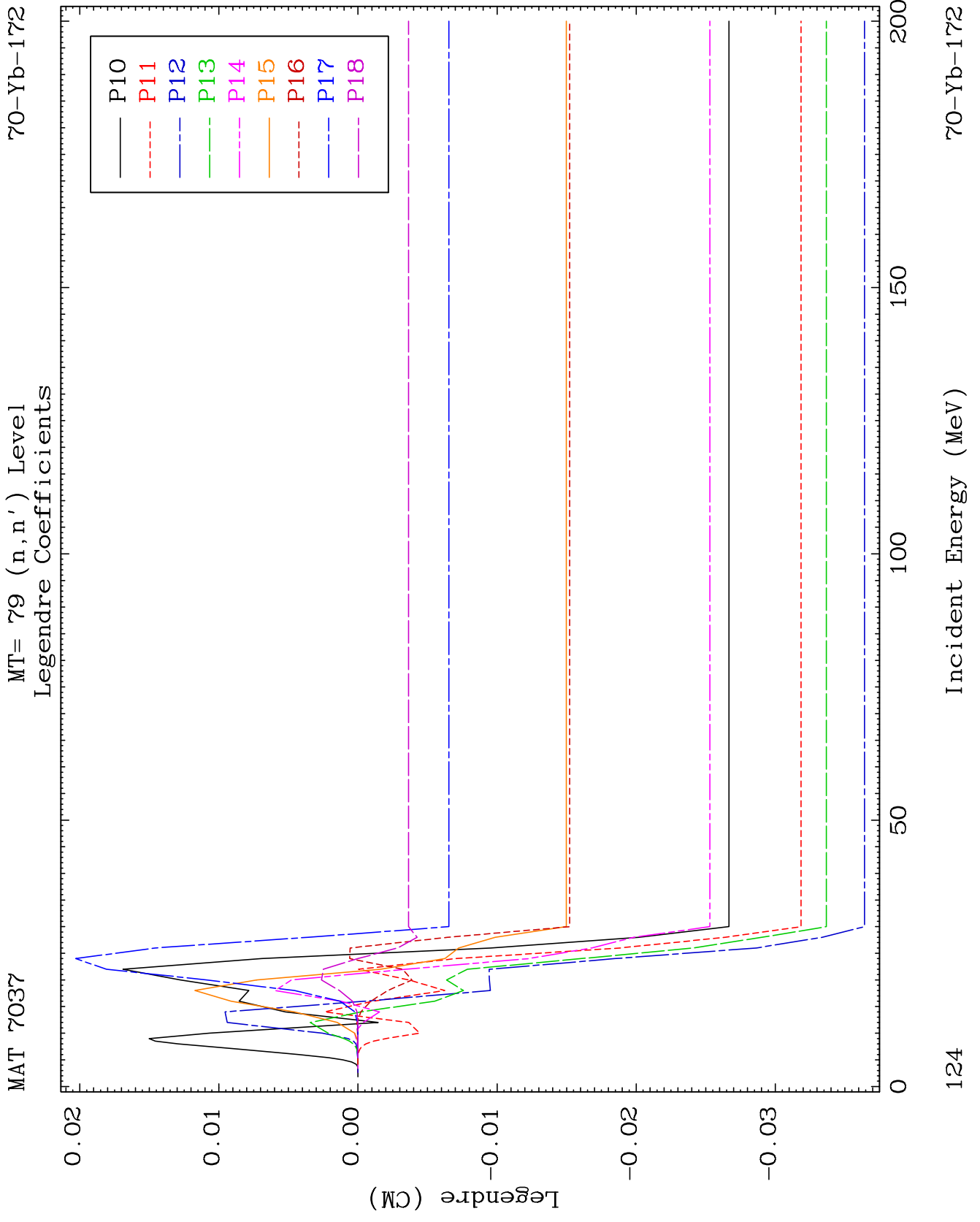
70-Yb-172



70-Yb-172

Incident Energy (MeV)

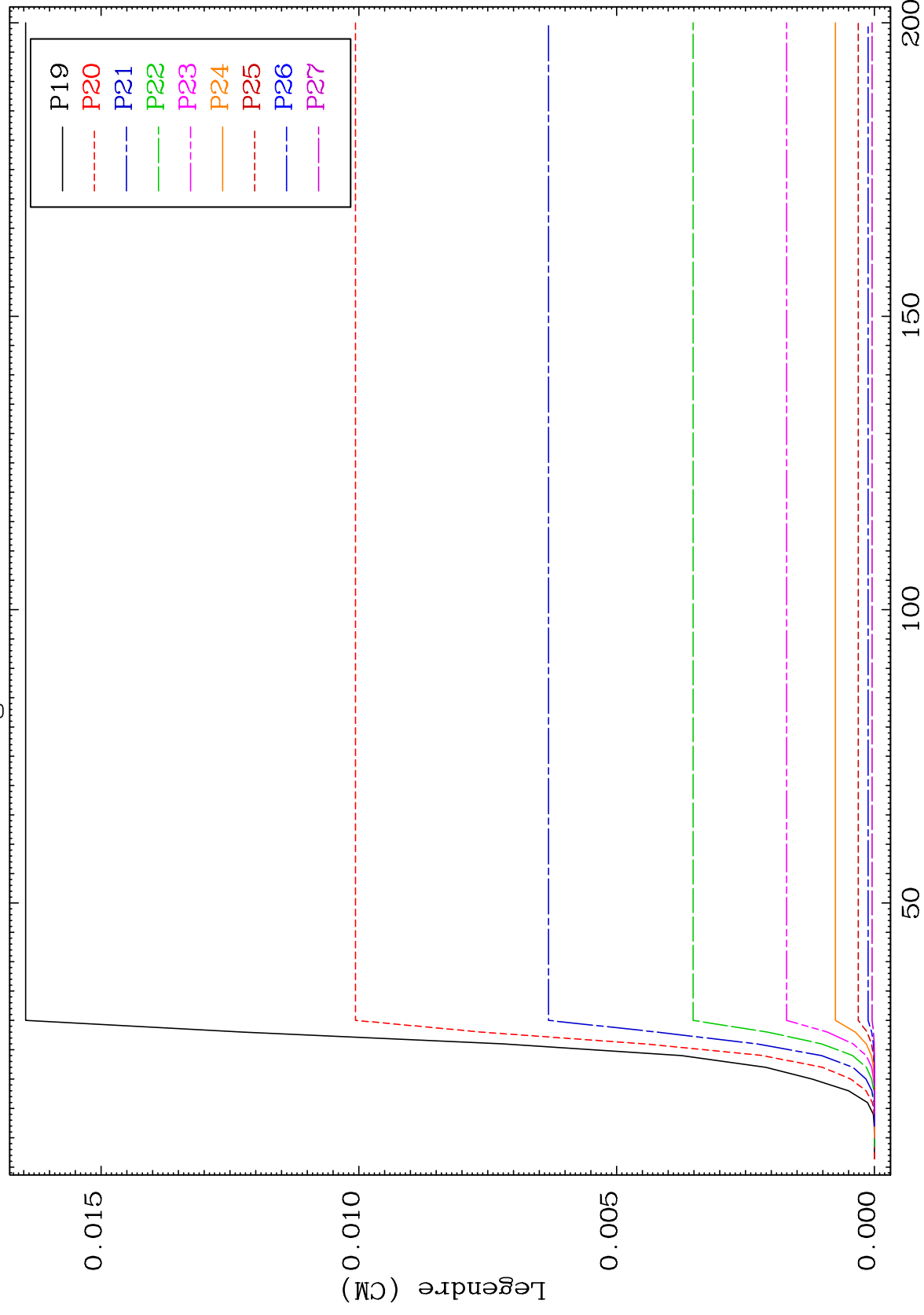
123



MAT 7037

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

70-Yb-172



125

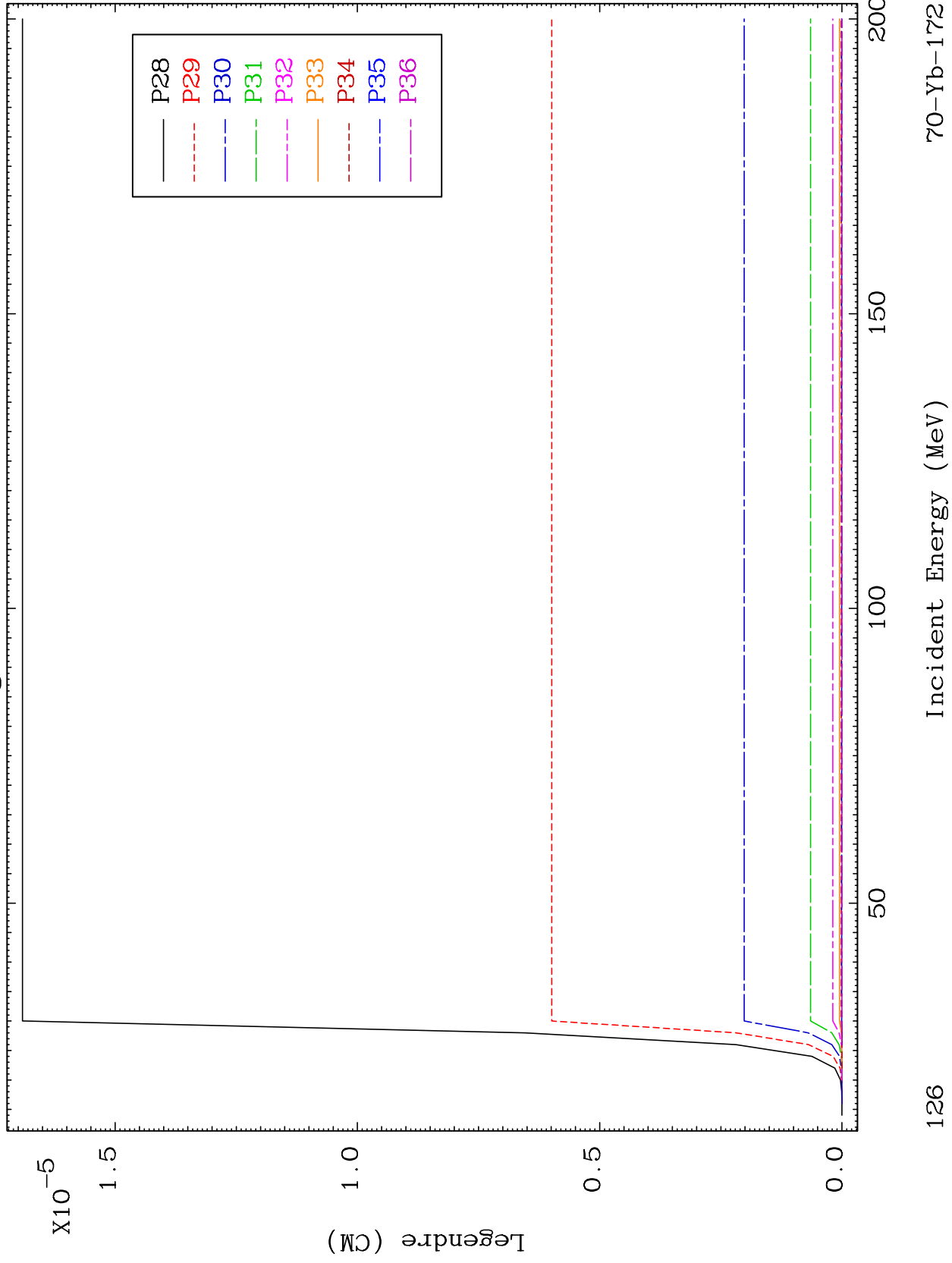
Incident Energy (MeV)

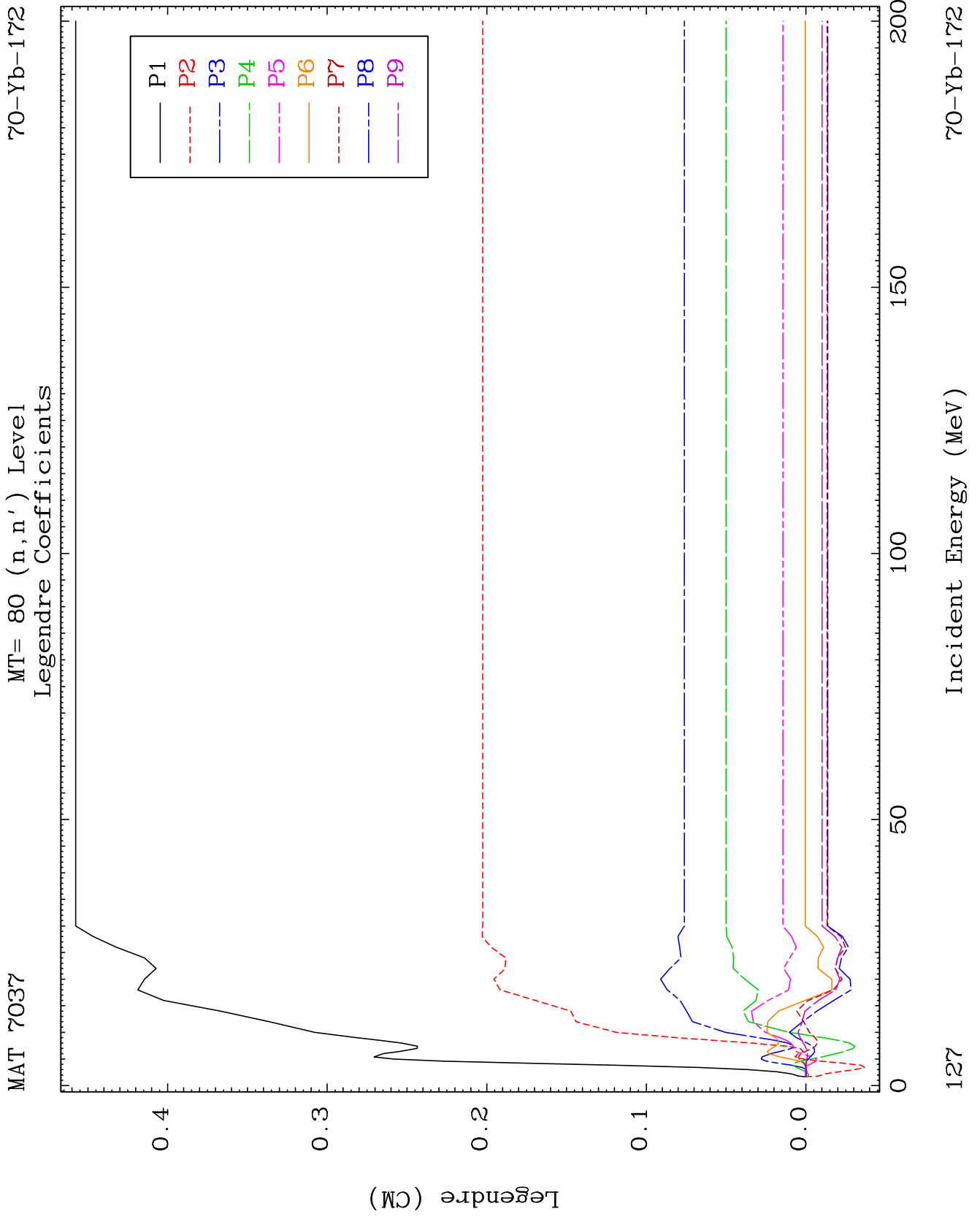
70-Yb-172

MAT 7037

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

70-Yb-172

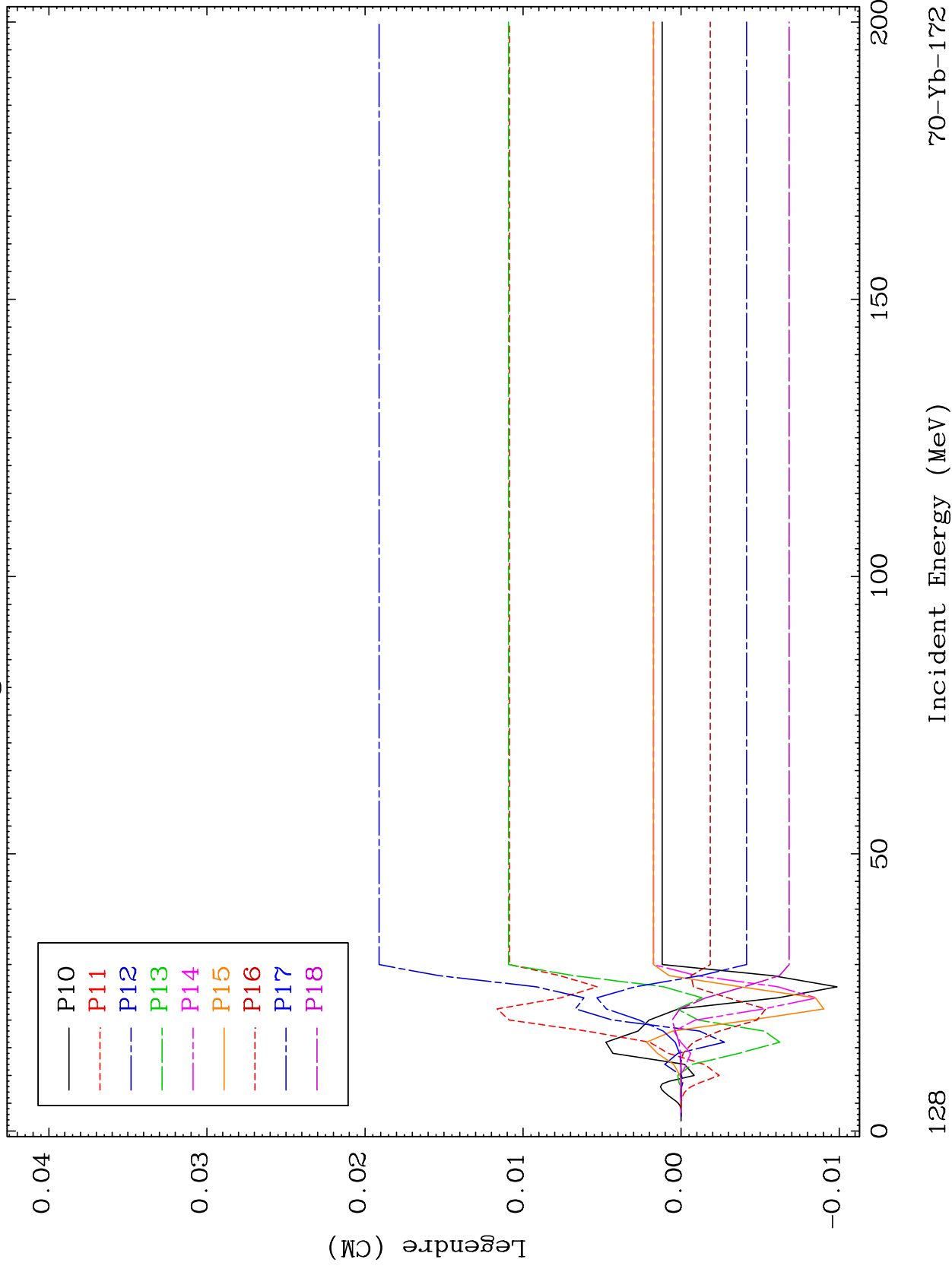




MAT 7037

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

70-Yb-172



128

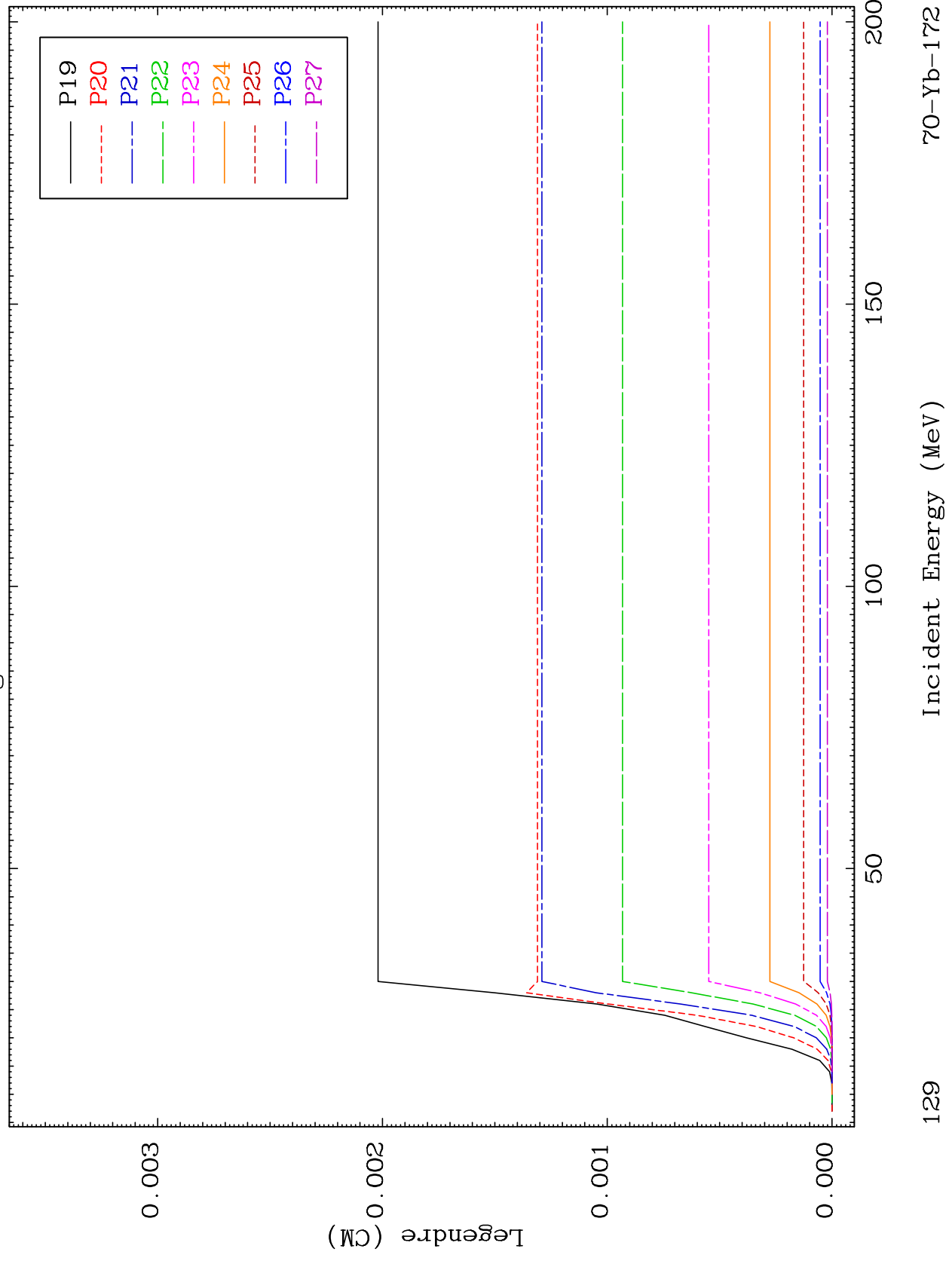
Incident Energy (MeV)

70-Yb-172

MAT 7037

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

70-Yb-172



129

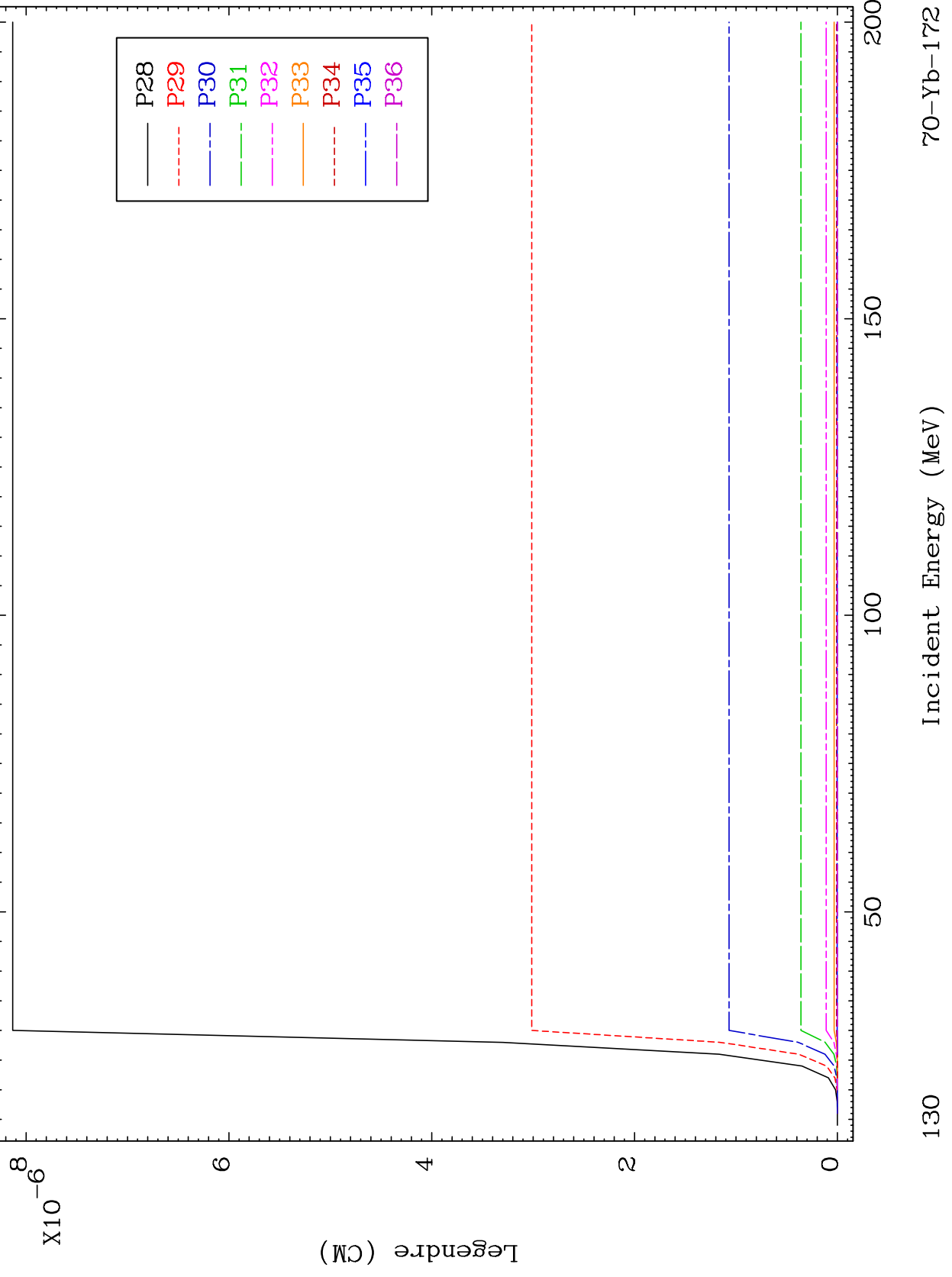
Incident Energy (MeV)

70-Yb-172

MAT 7037

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

70-Yb-172

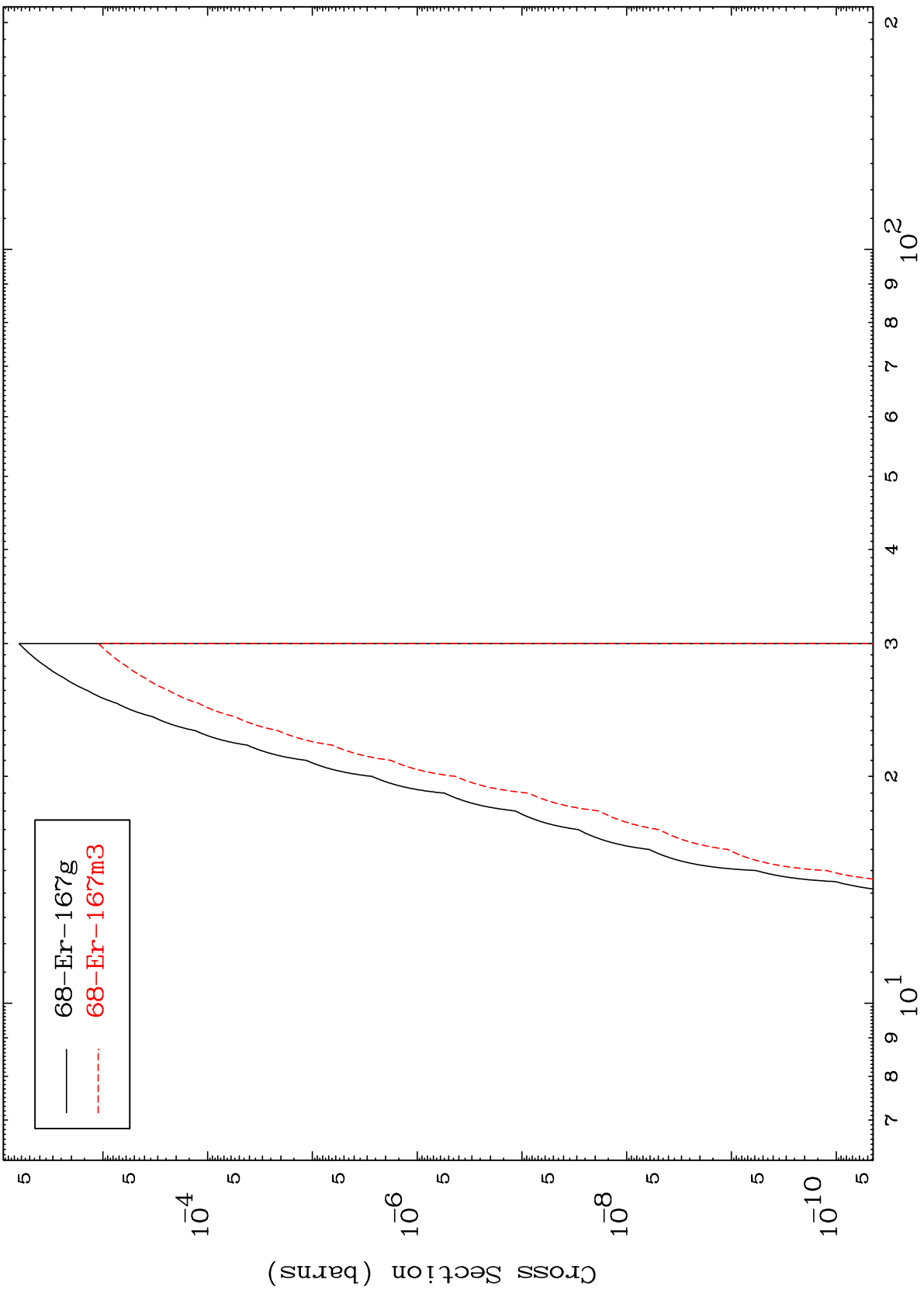


MAT 7037

(n,2n) α

70-Yb-172

Radionuclide Production Cross Section



131

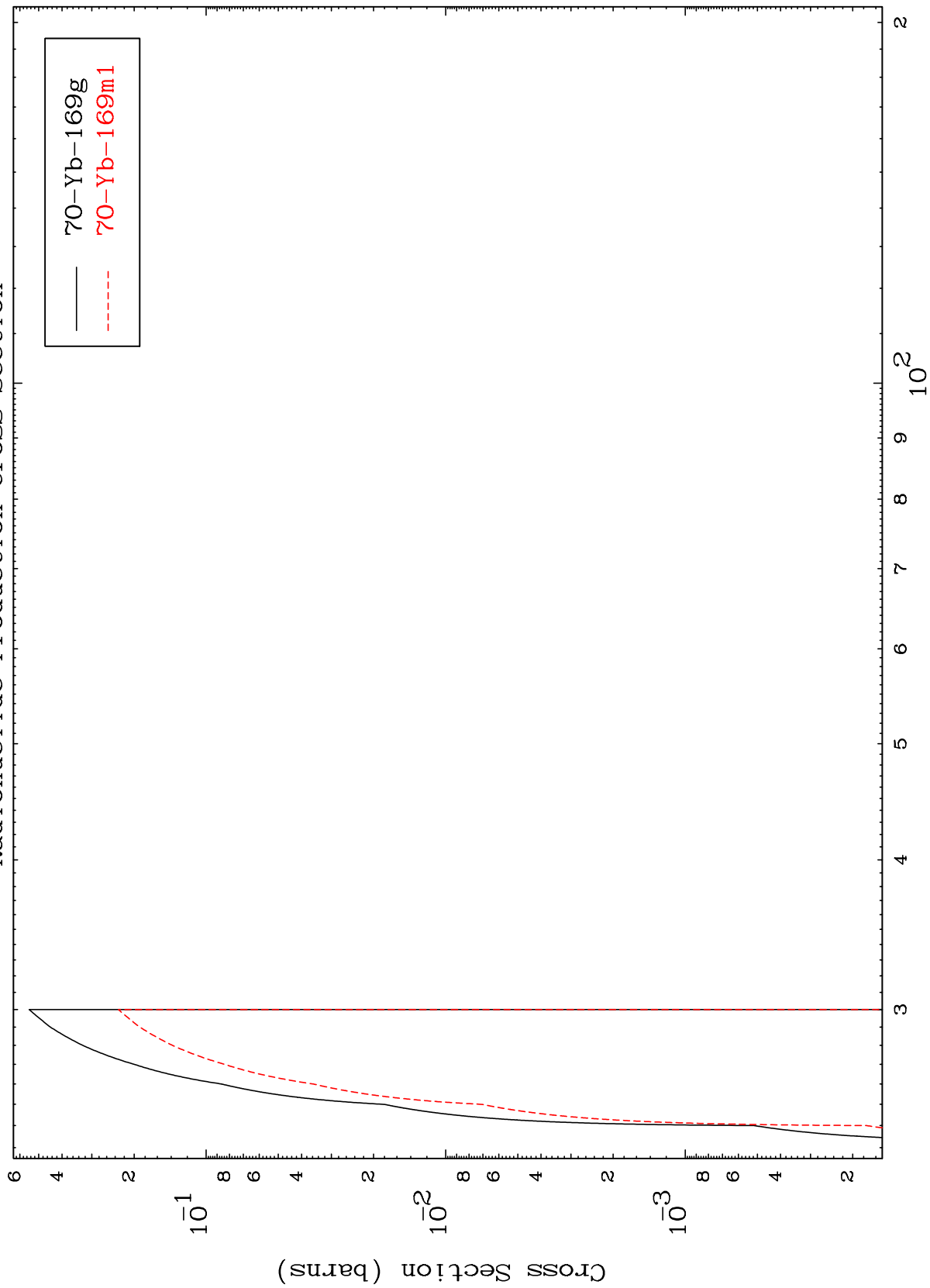
Incident Energy (MeV)

70-Yb-172

MAT 7037

70-Yb-172

(n,4n)
Radionuclide Production Cross Section



132

70-Yb-172

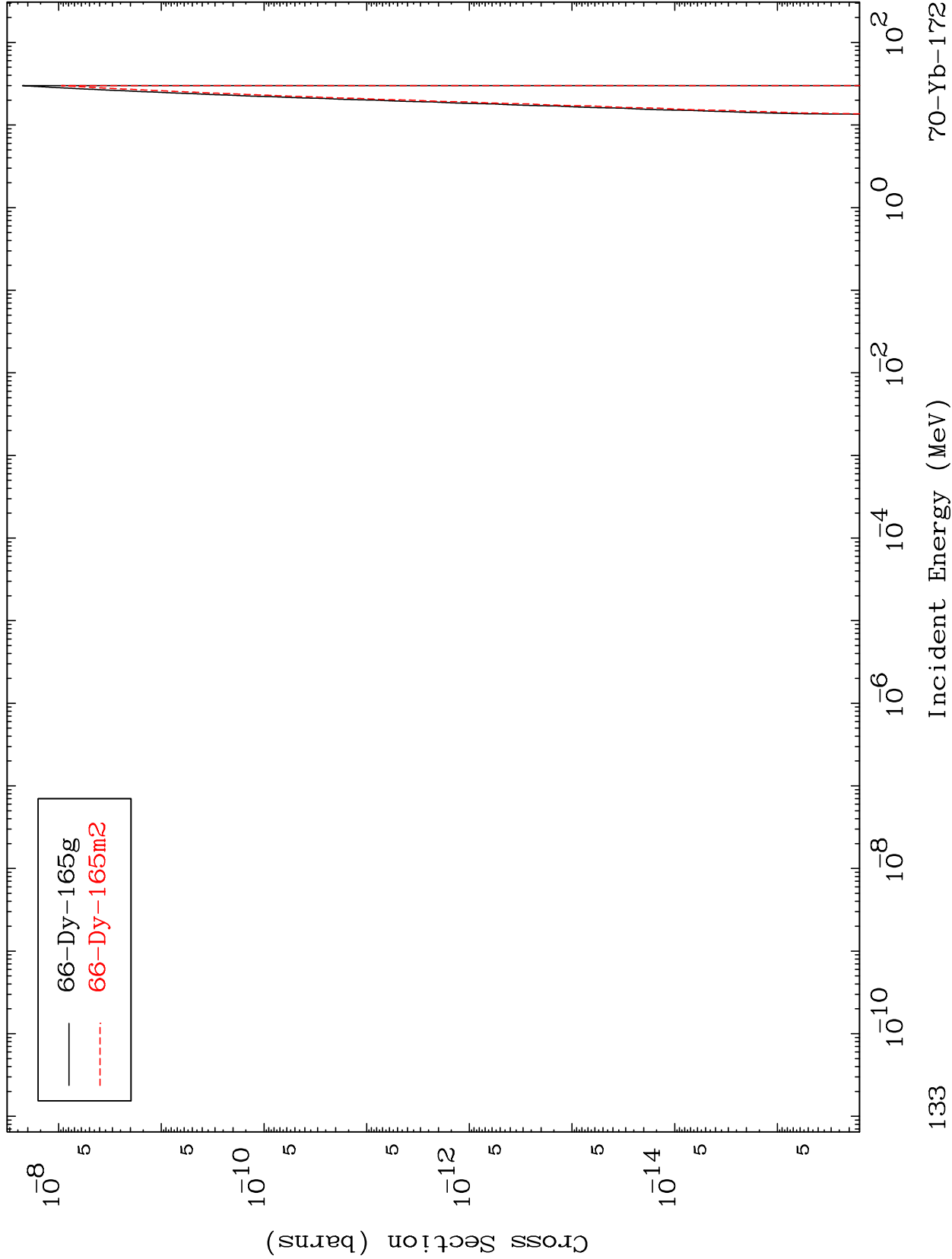
Incident Energy (MeV)

MAT 7037

(n,2α)

70-Yb-172

Radionuclide Production Cross Section

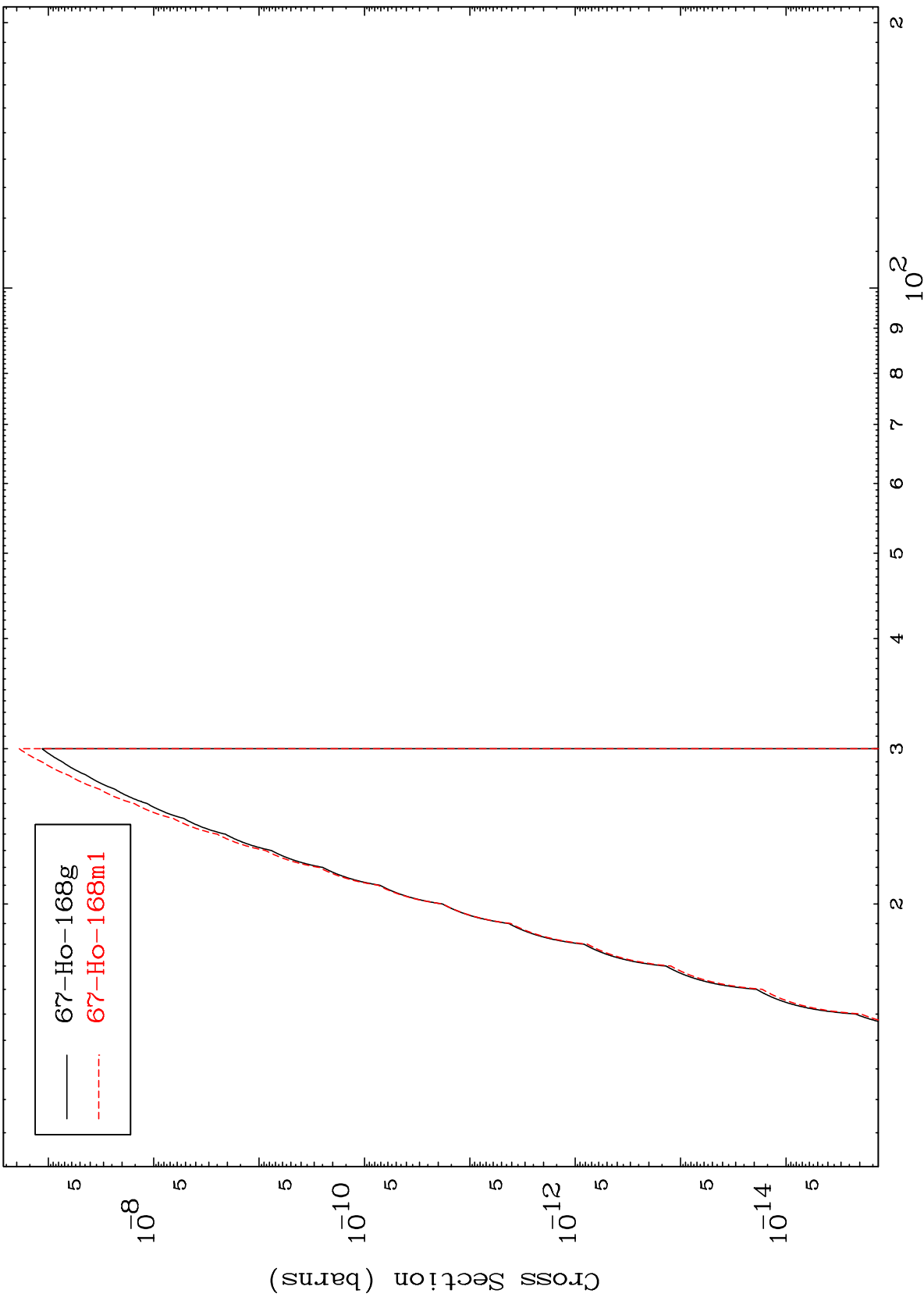


MAT 7037

(n,p) α

70-Yb-172

Radionuclide Production Cross Section



134

Incident Energy (MeV)

70-Yb-172