

Program EVALPLOT
(Version 2021-1)

by

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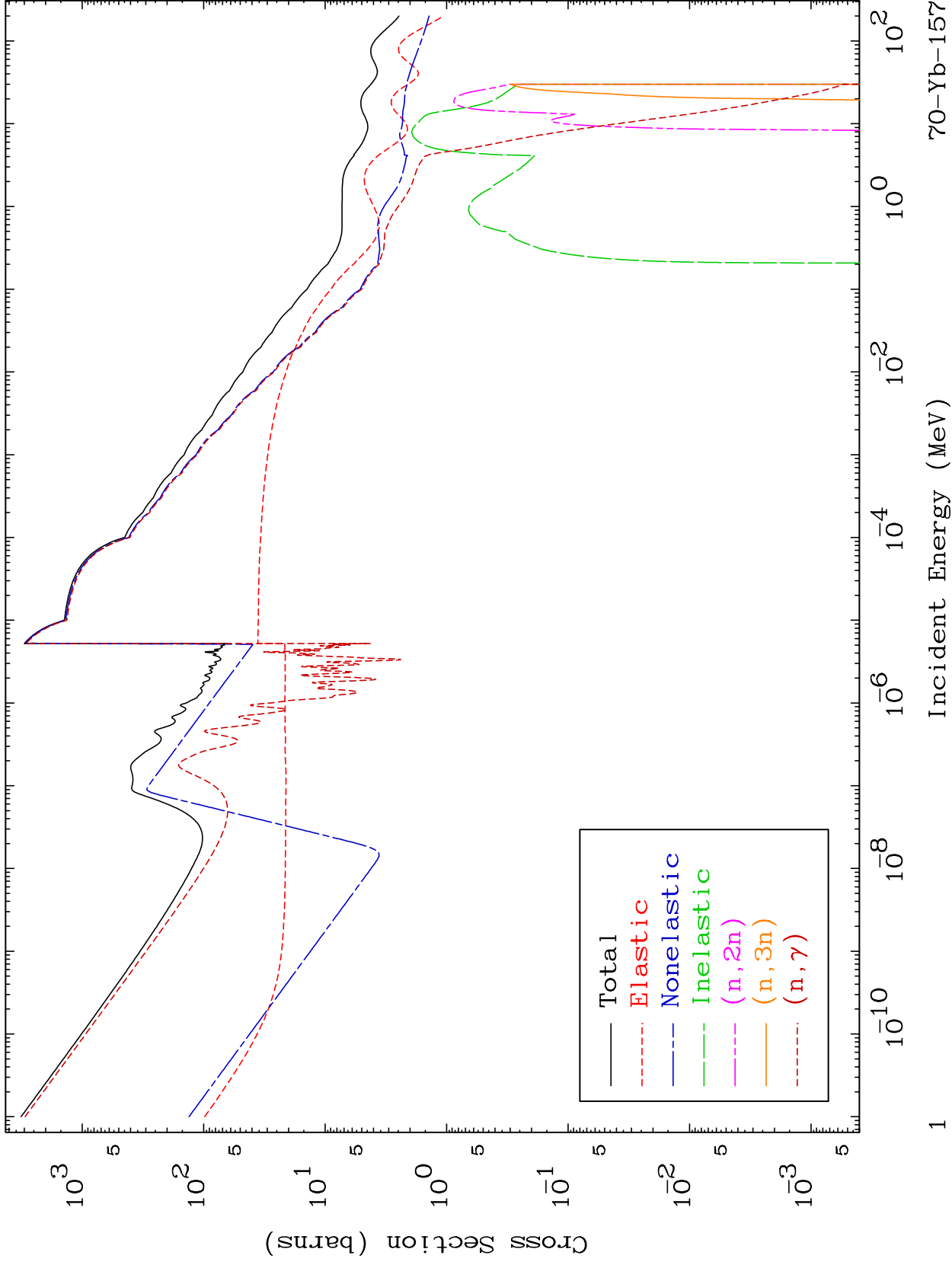
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6992

Neutron Major
293 Kelvin Cross Sections

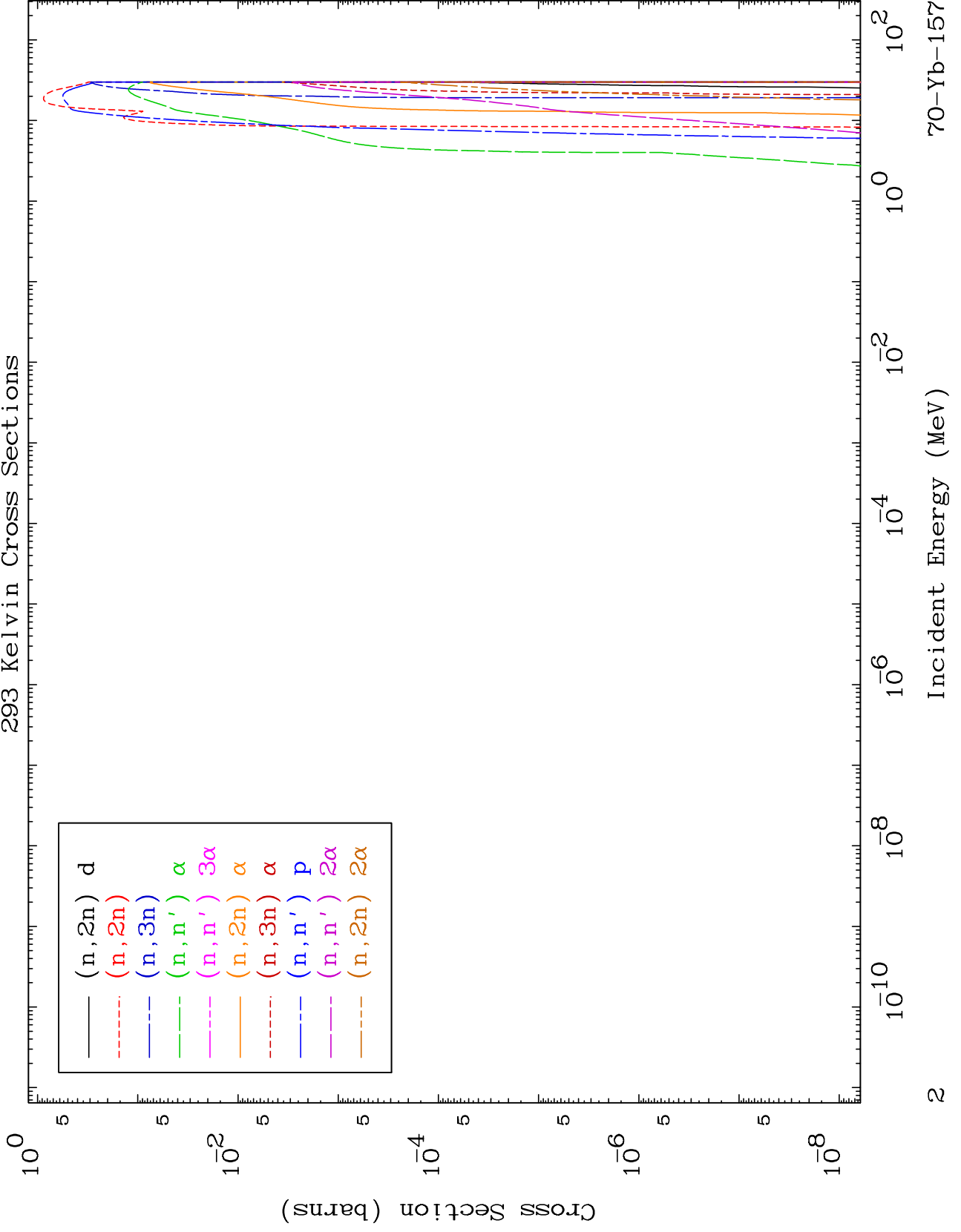
70-Yb-157



MAT 6992

Neutron Absorption
293 Kelvin Cross Sections

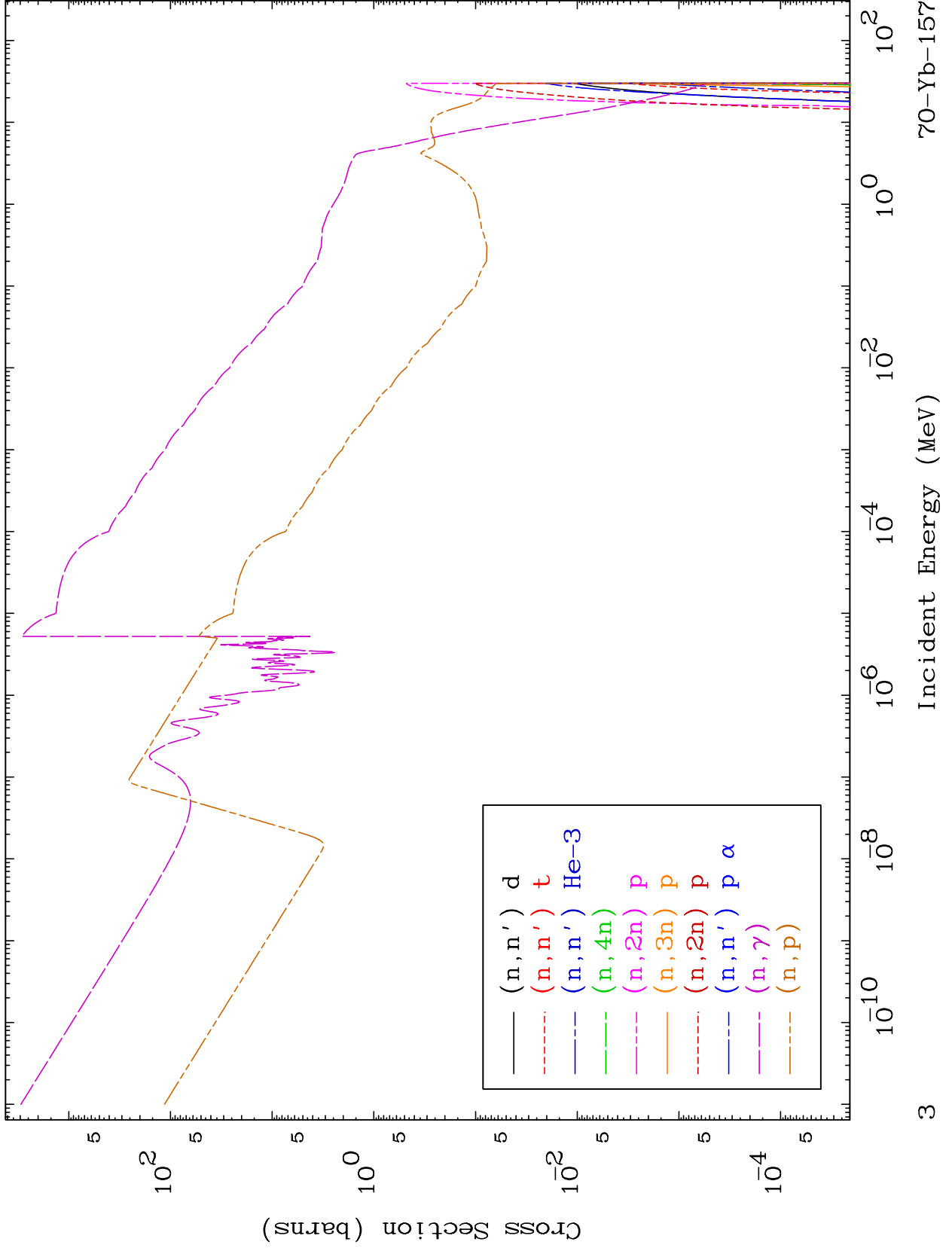
70-Yb-157



MAT 6992

Neutron Absorption
293 Kelvin Cross Sections

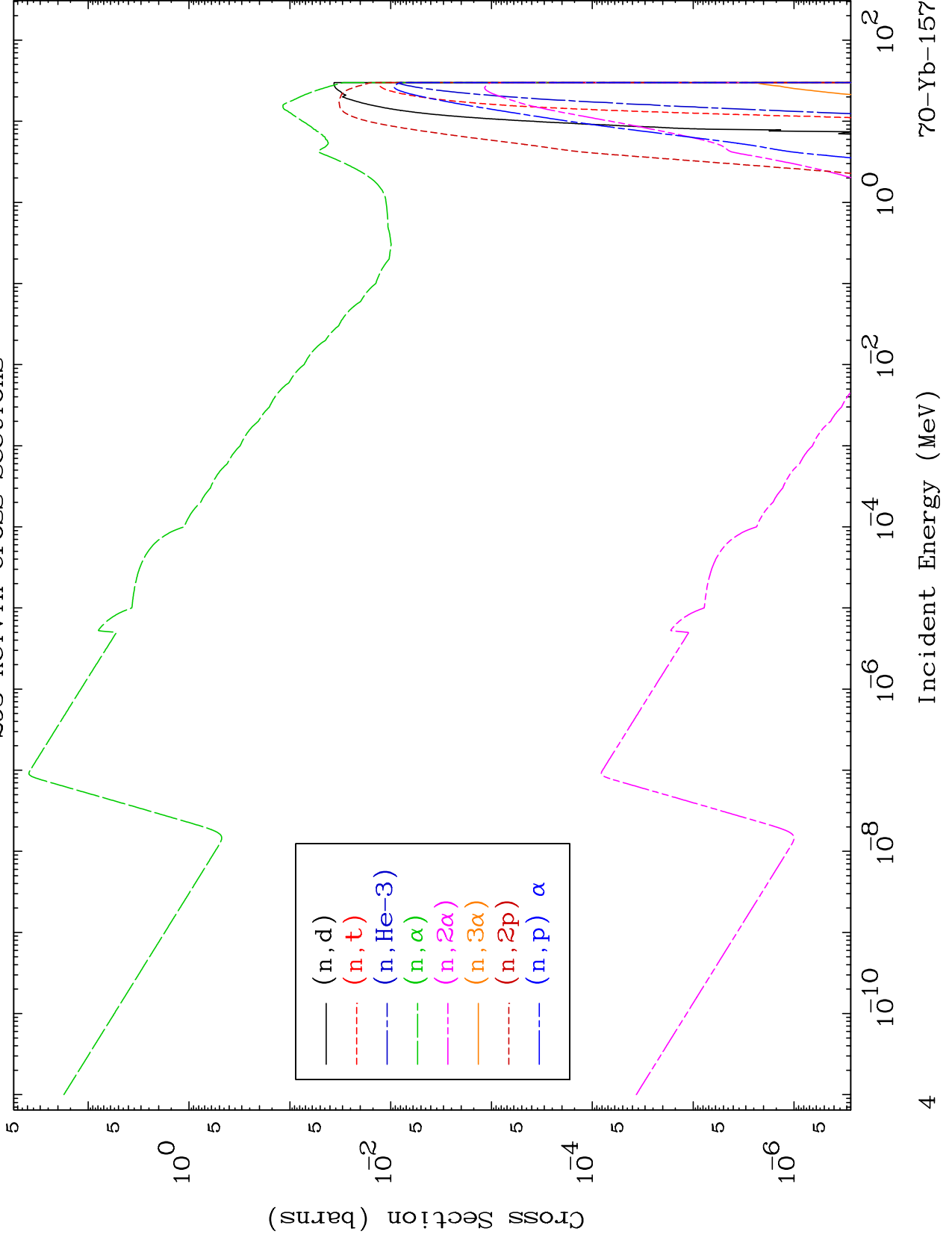
70-Yb-157

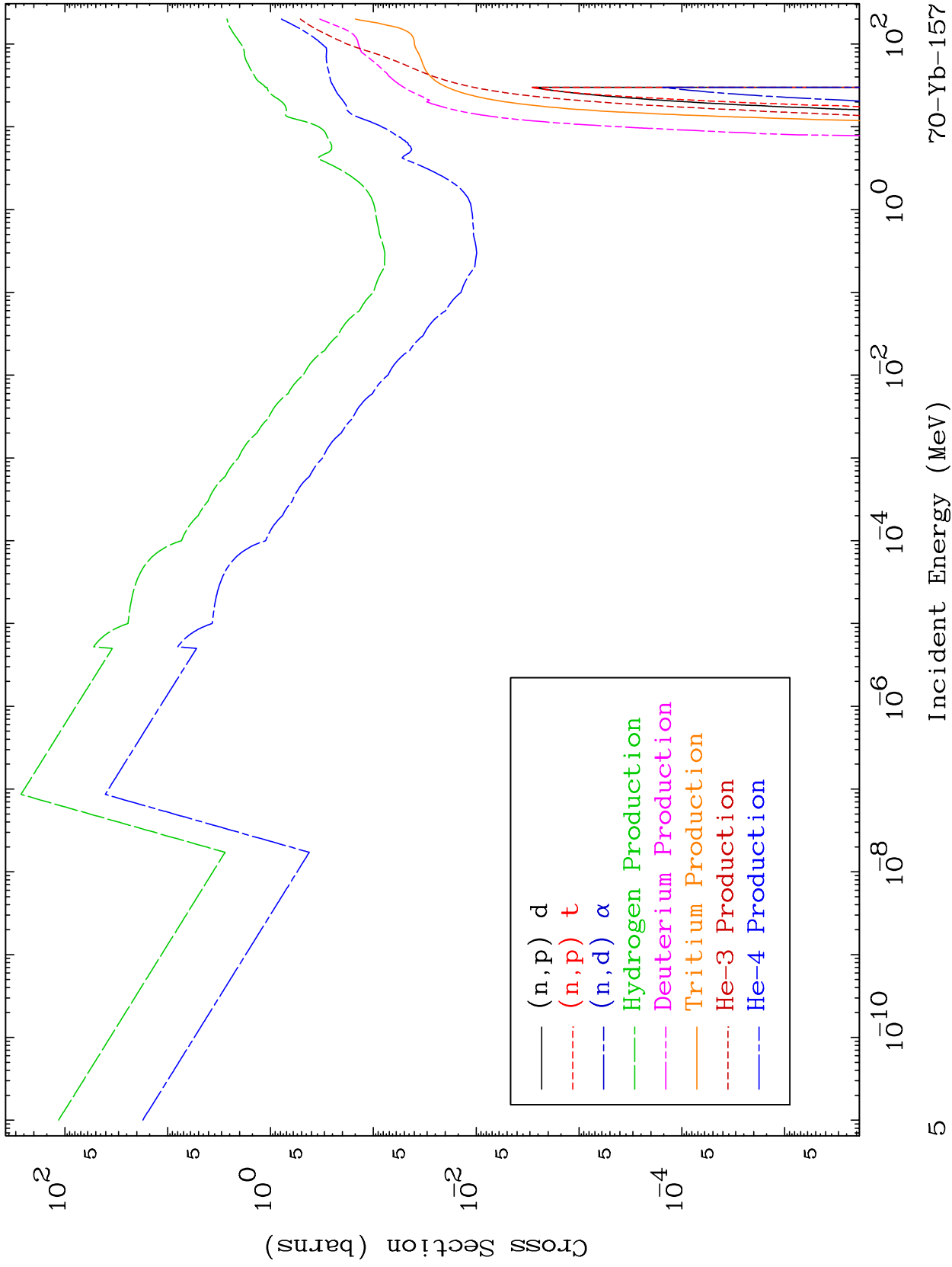


MAT 6992

Neutron Absorption
293 Kelvin Cross Sections

70-Yb-157

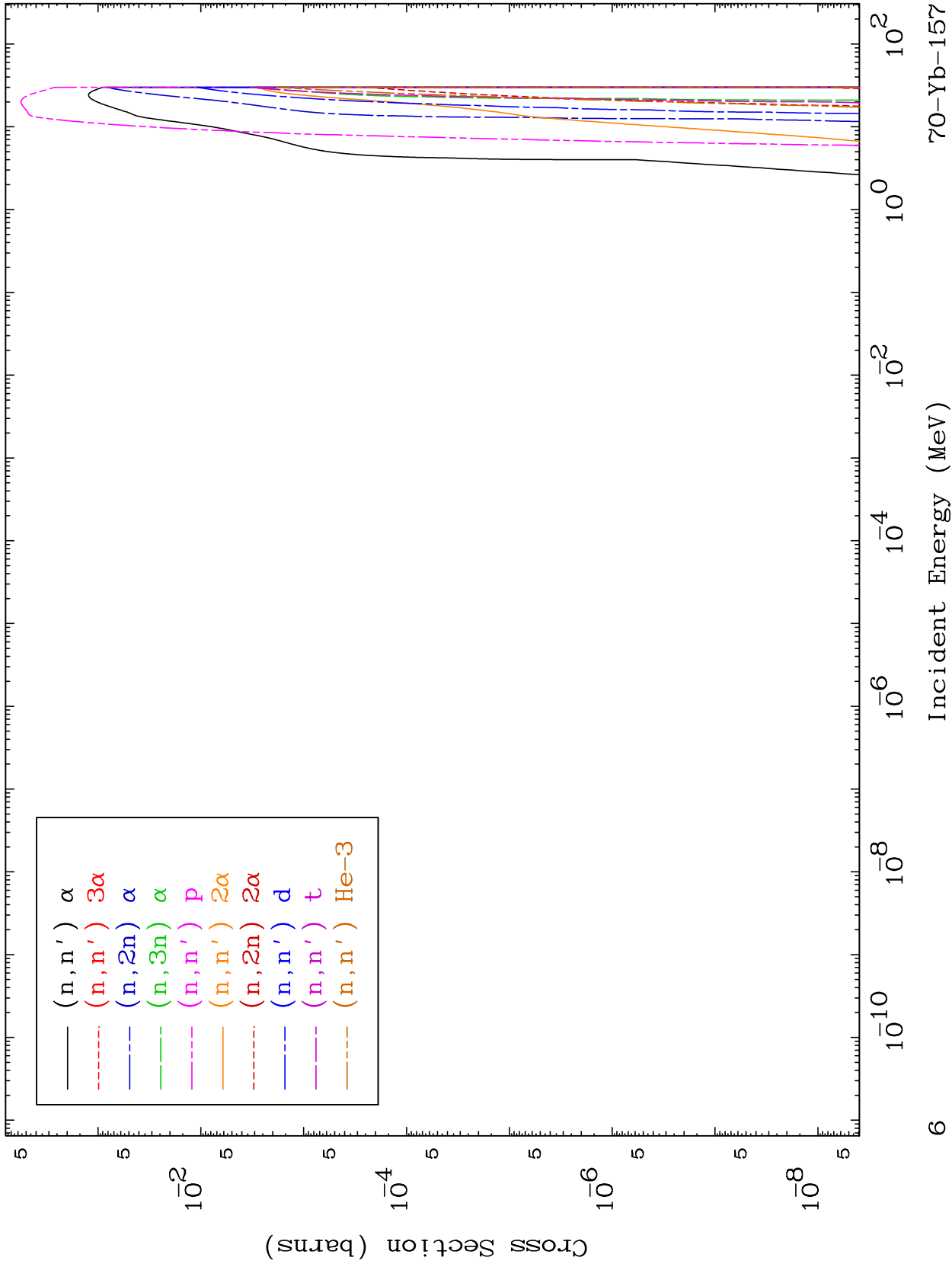


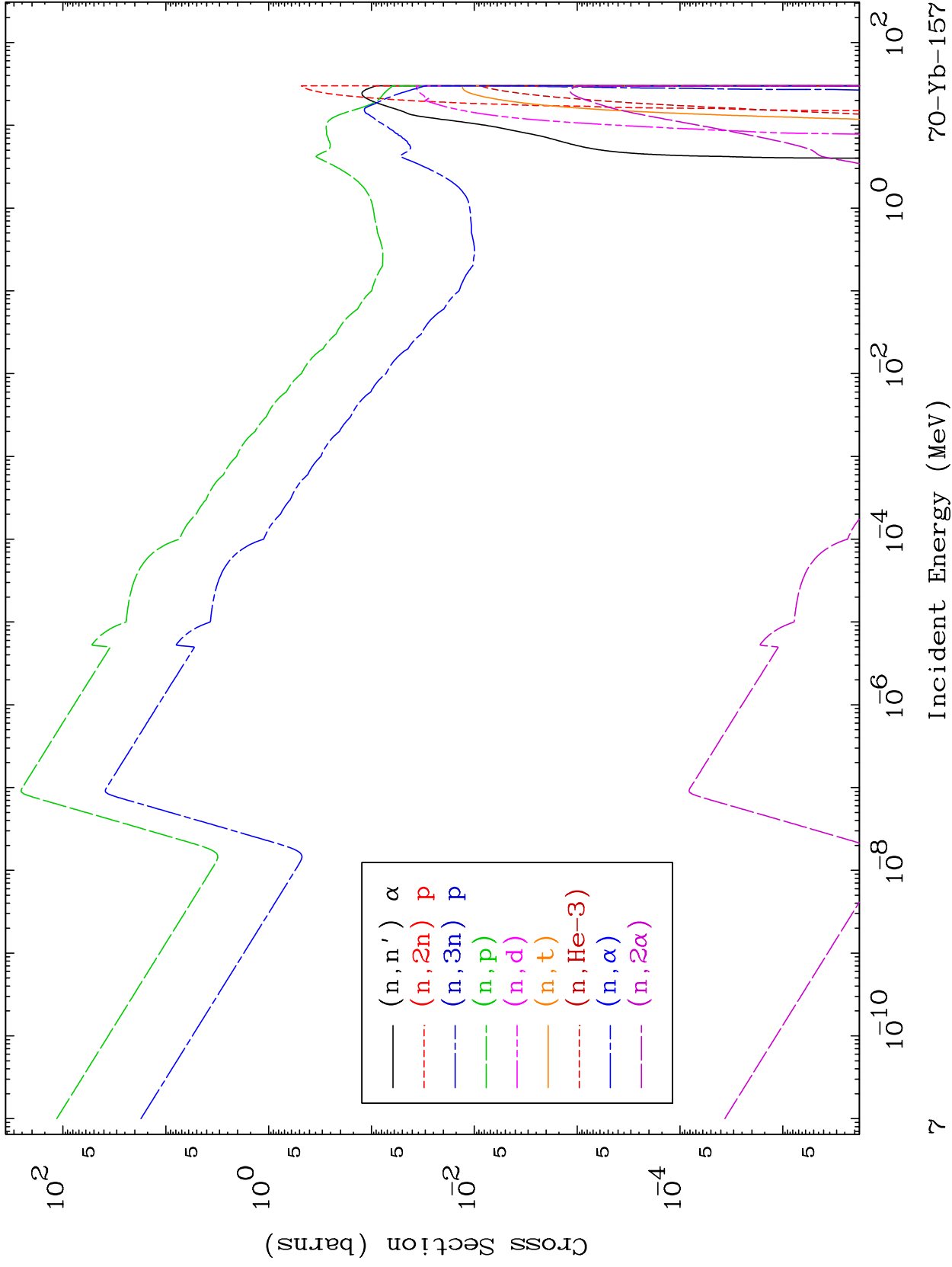


MAT 6992

Charged Particle
293 Kelvin Cross Sections

70-Yb-157

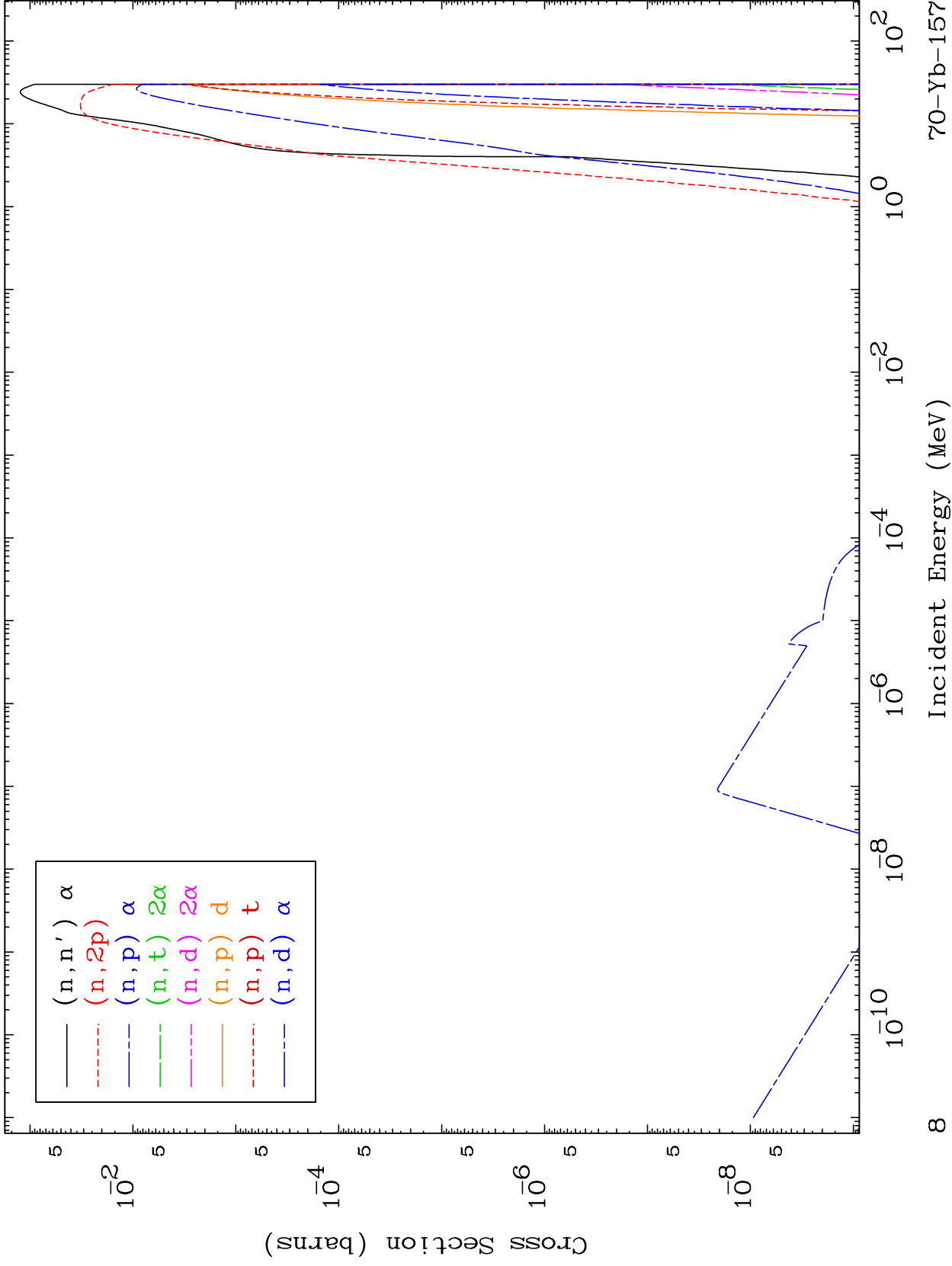


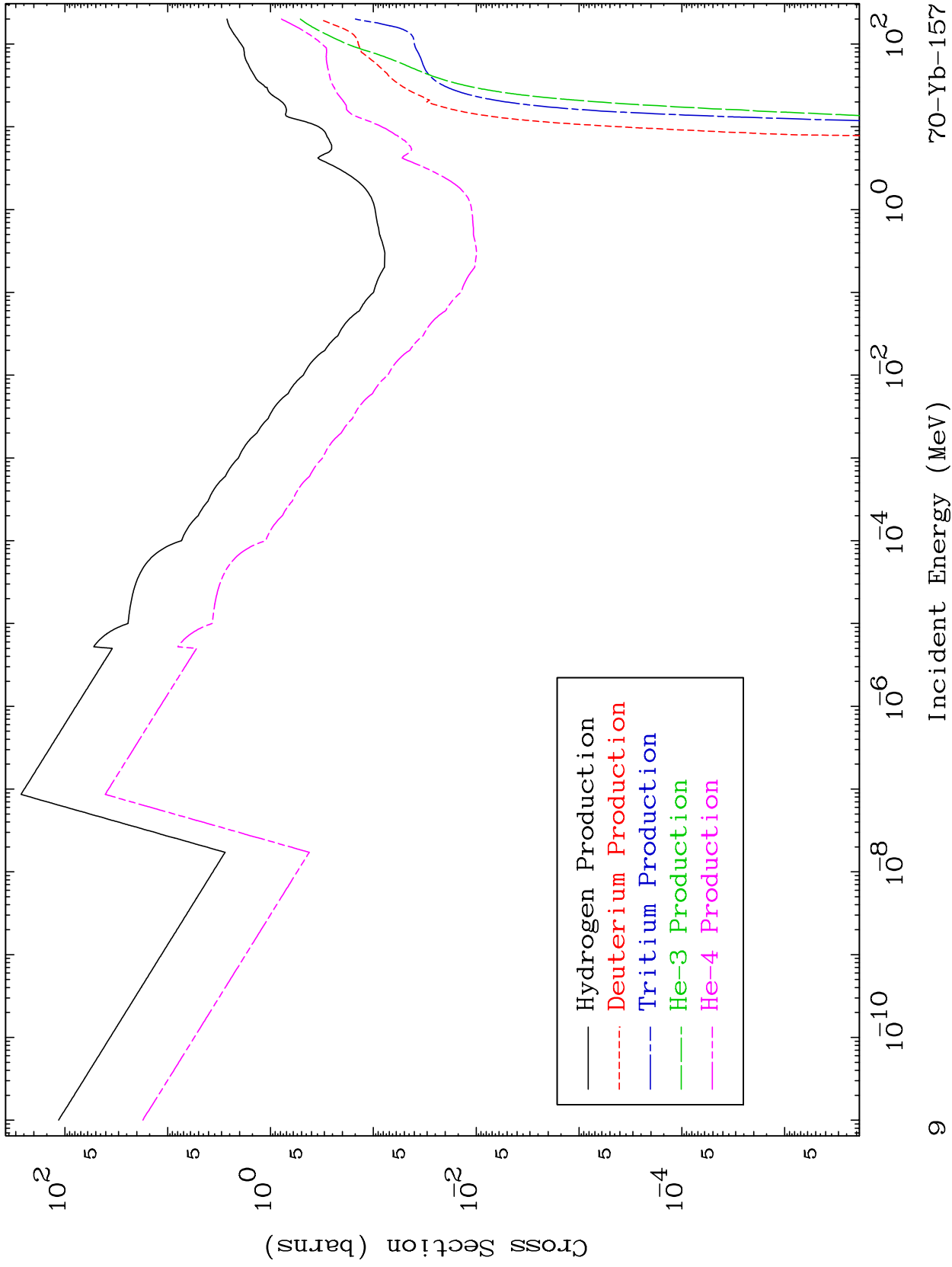


MAT 6992

Charged Particle
293 Kelvin Cross Sections

70-Yb-157

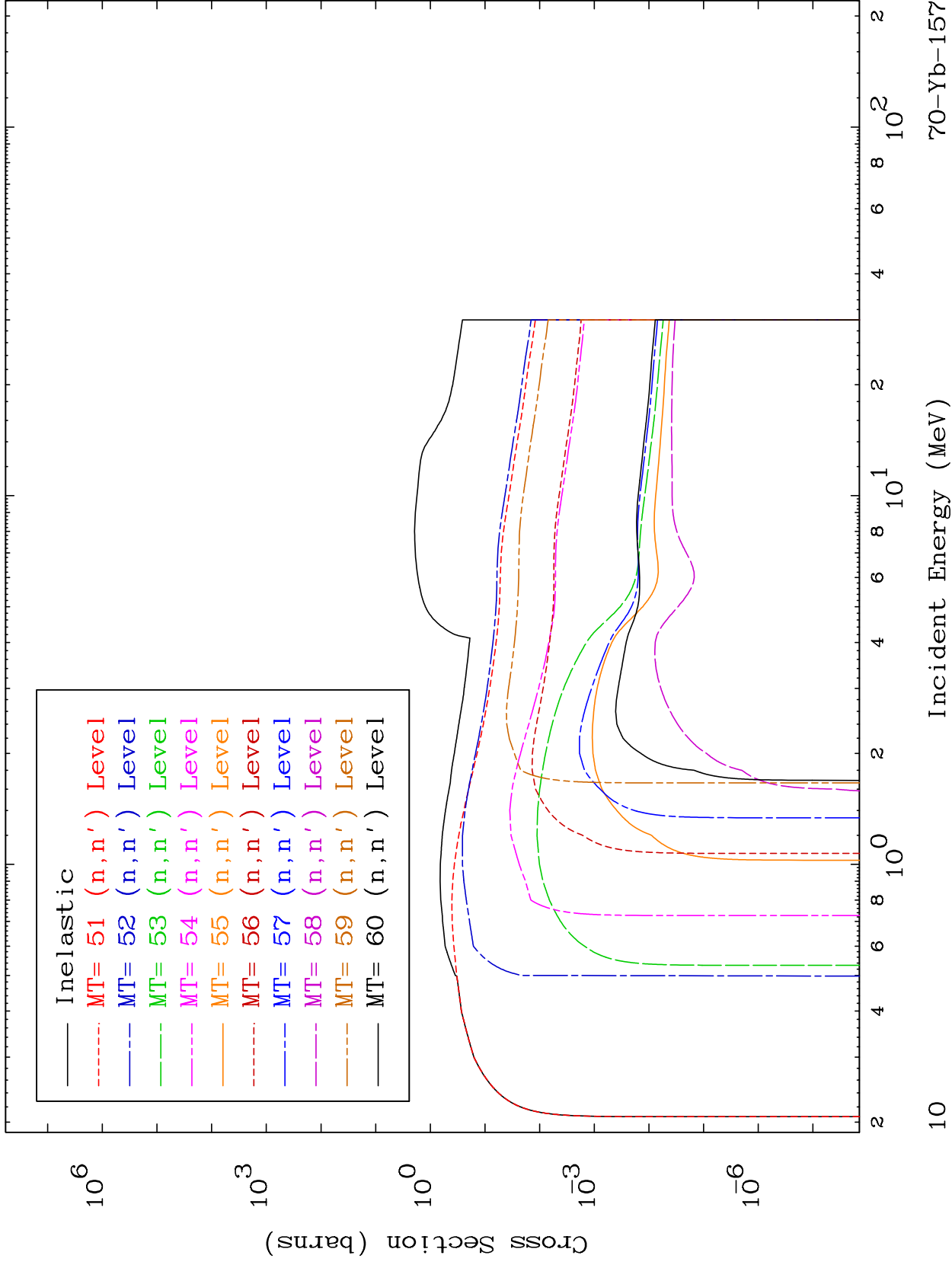




MAT 6992

(n,n') Levels
293 Kelvin Cross Sections

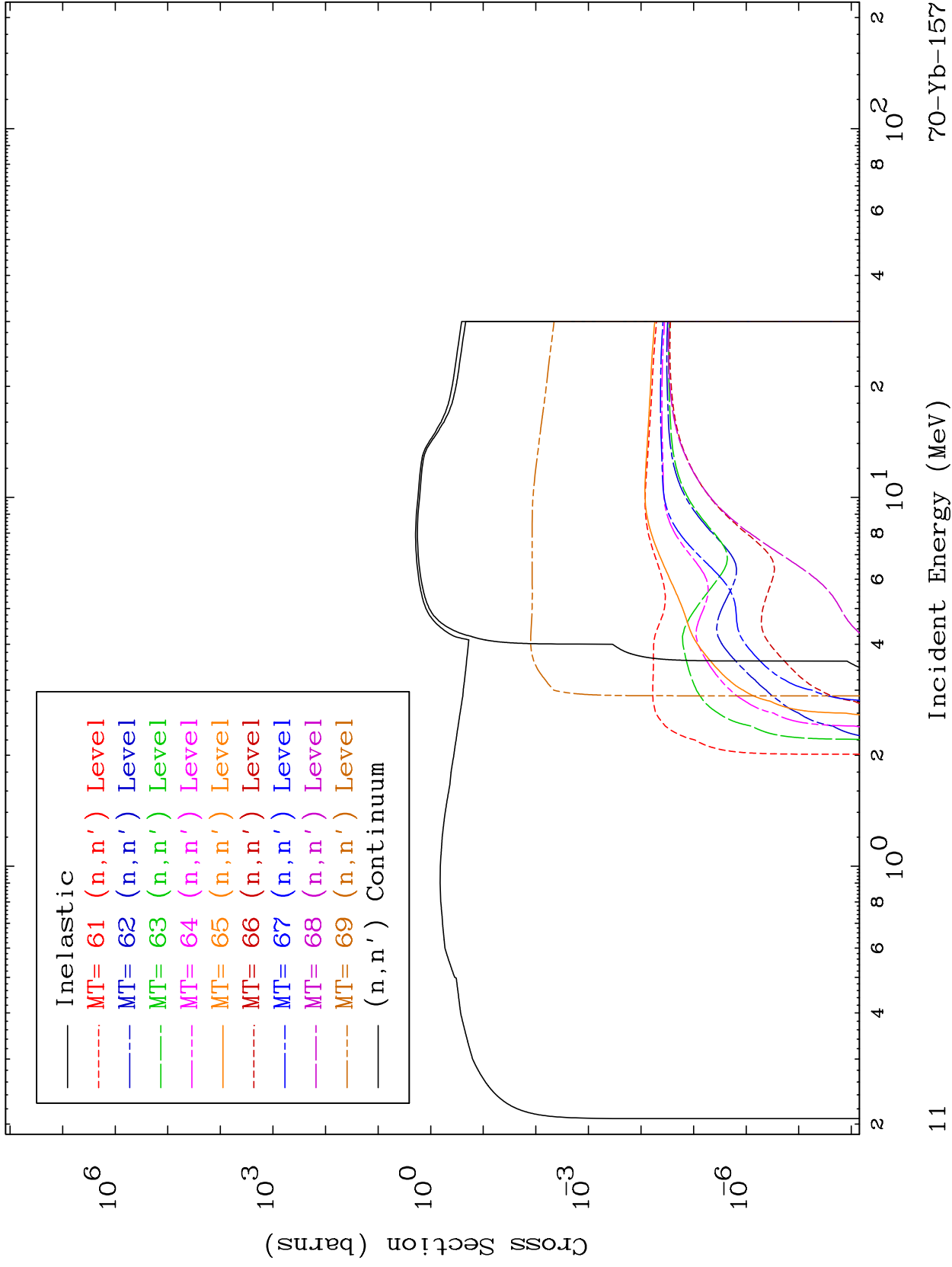
70-Yb-157



10

Incident Energy (MeV)

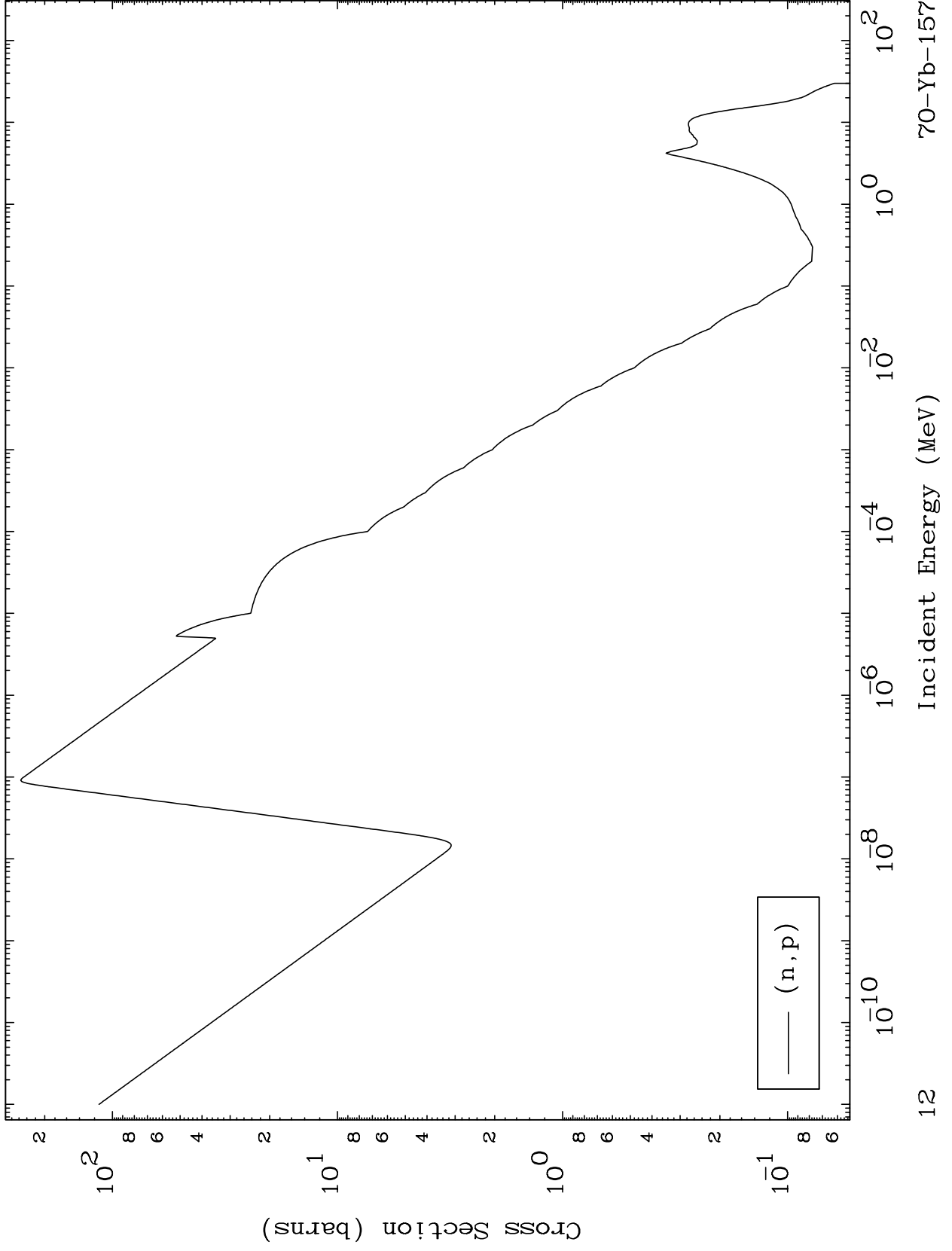
70-Yb-157



MAT 6992

(n,p) Levels
293 Kelvin Cross Sections

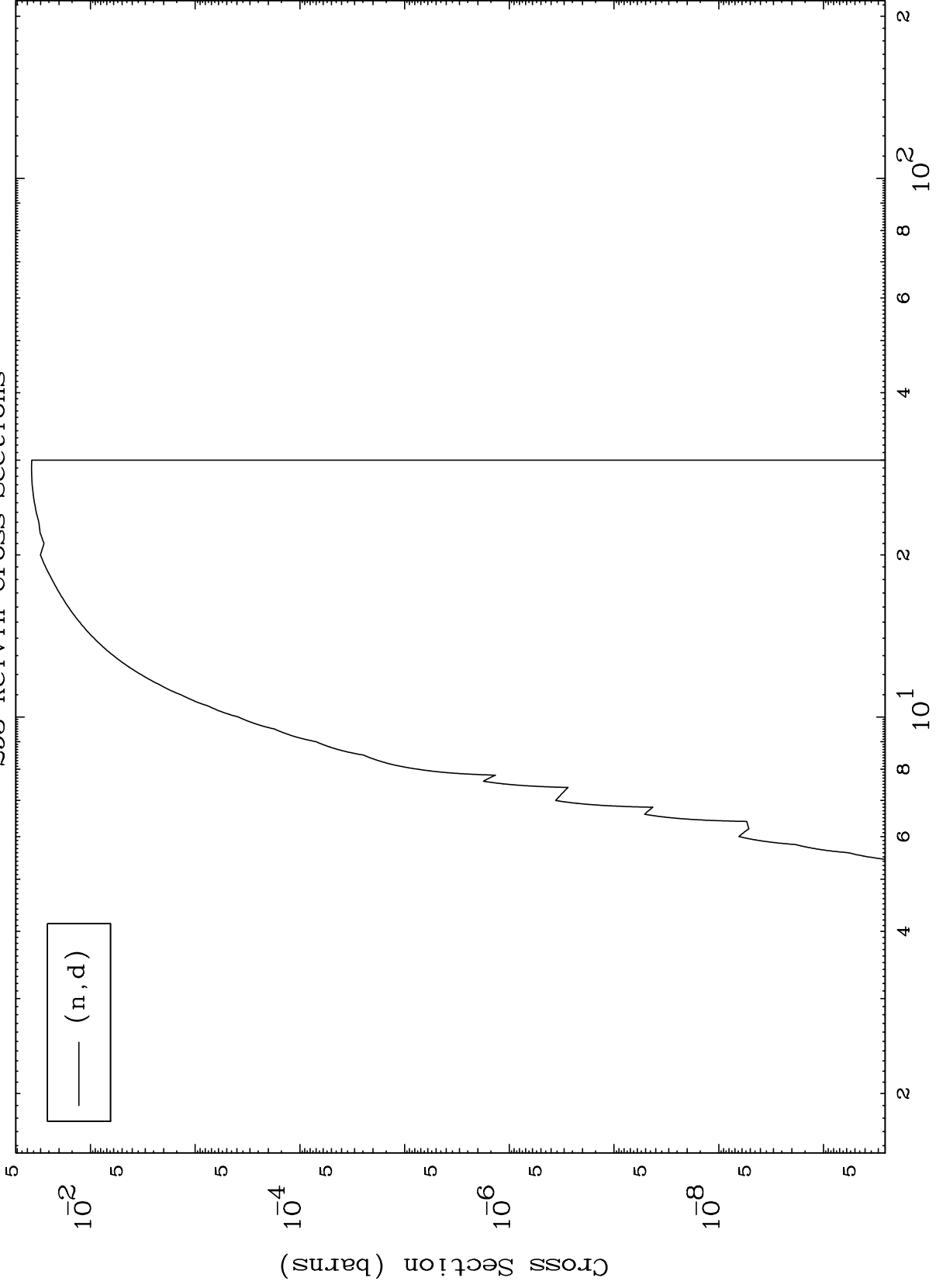
70-Yb-157



MAT 6992

(n,d) Levels
293 Kelvin Cross Sections

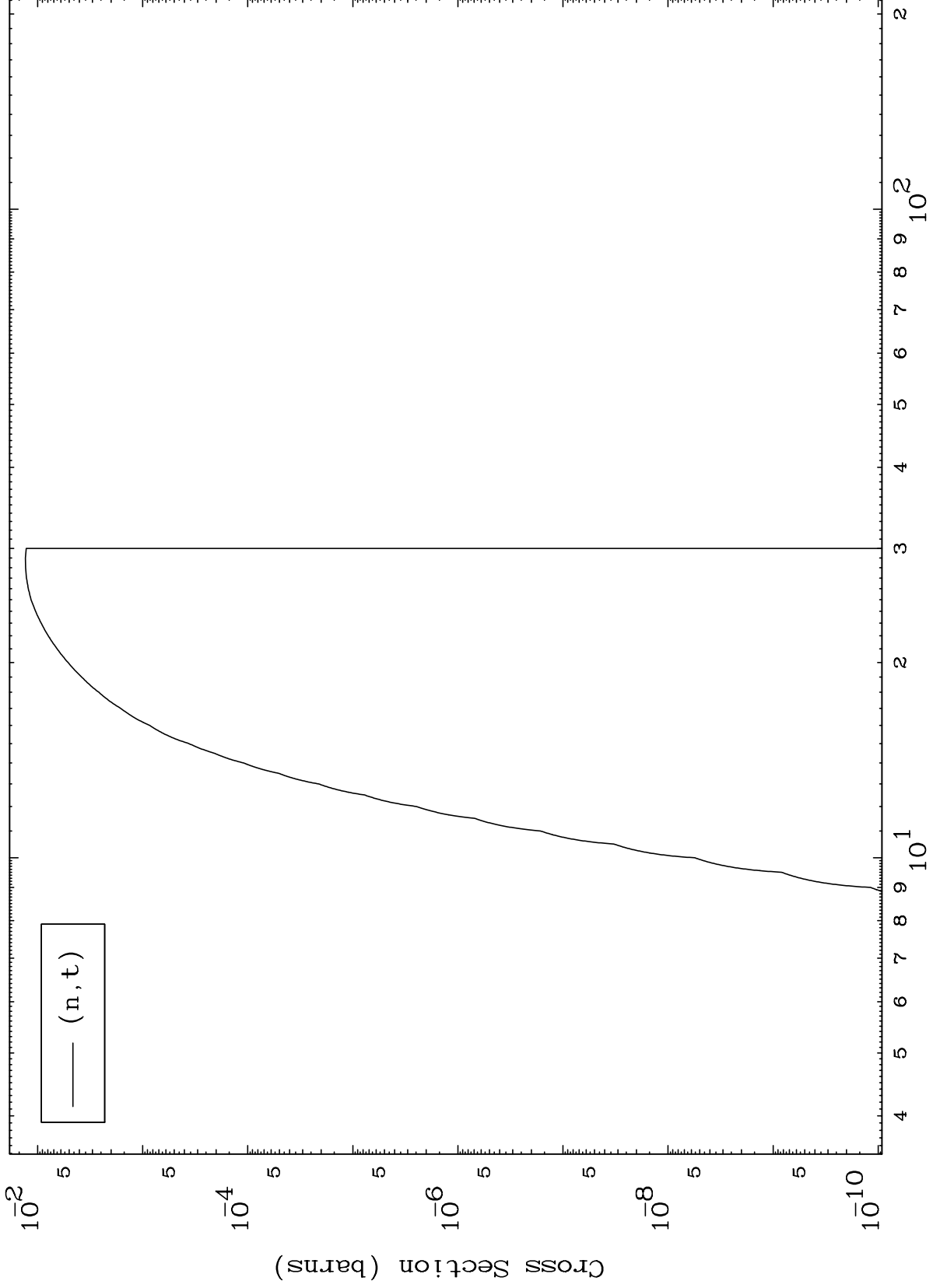
70-Yb-157



MAT 6992

(n,t) Levels
293 Kelvin Cross Sections

70-Yb-157



14

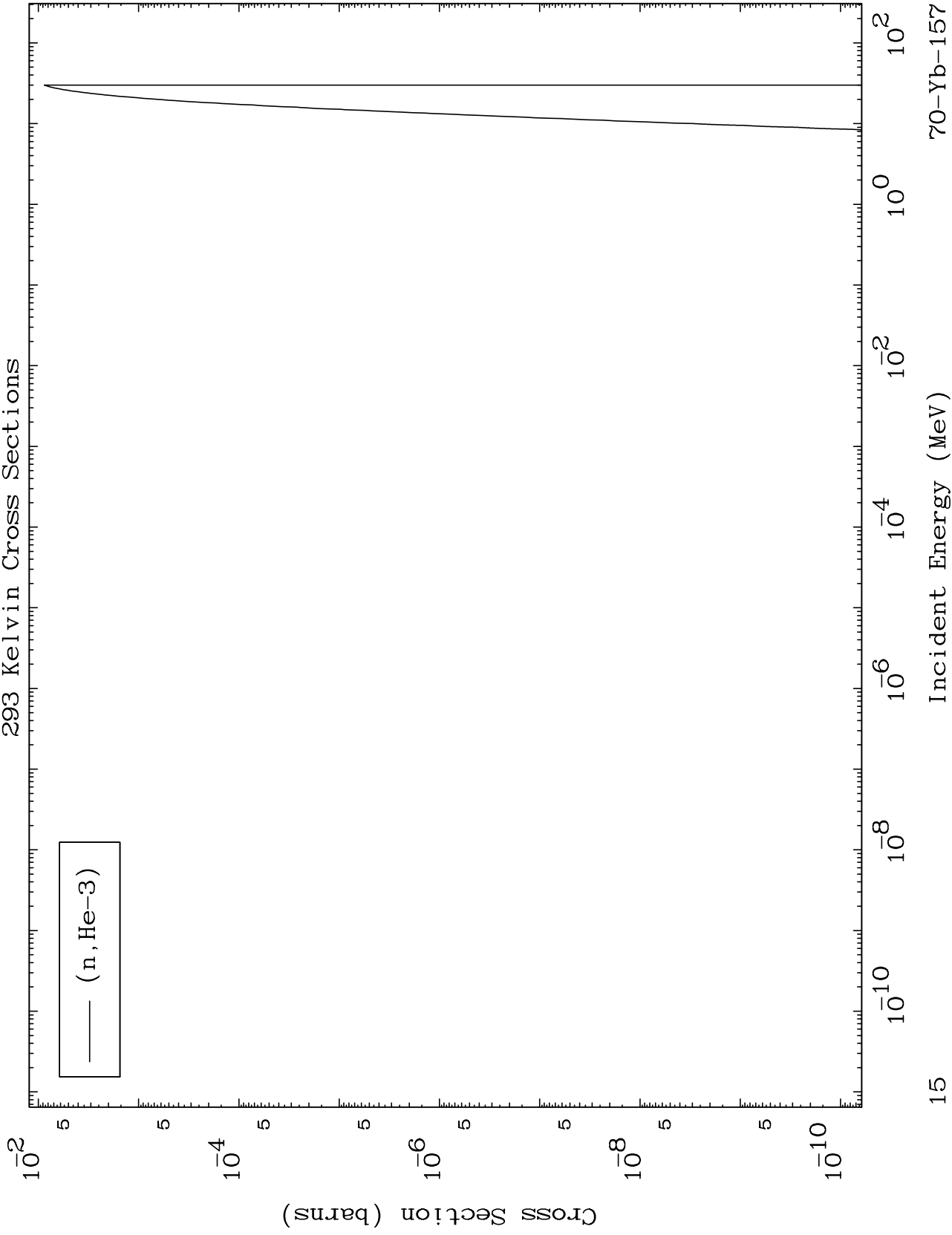
Incident Energy (MeV)

70-Yb-157

MAT 6992

(n,He3) Levels
293 Kelvin Cross Sections

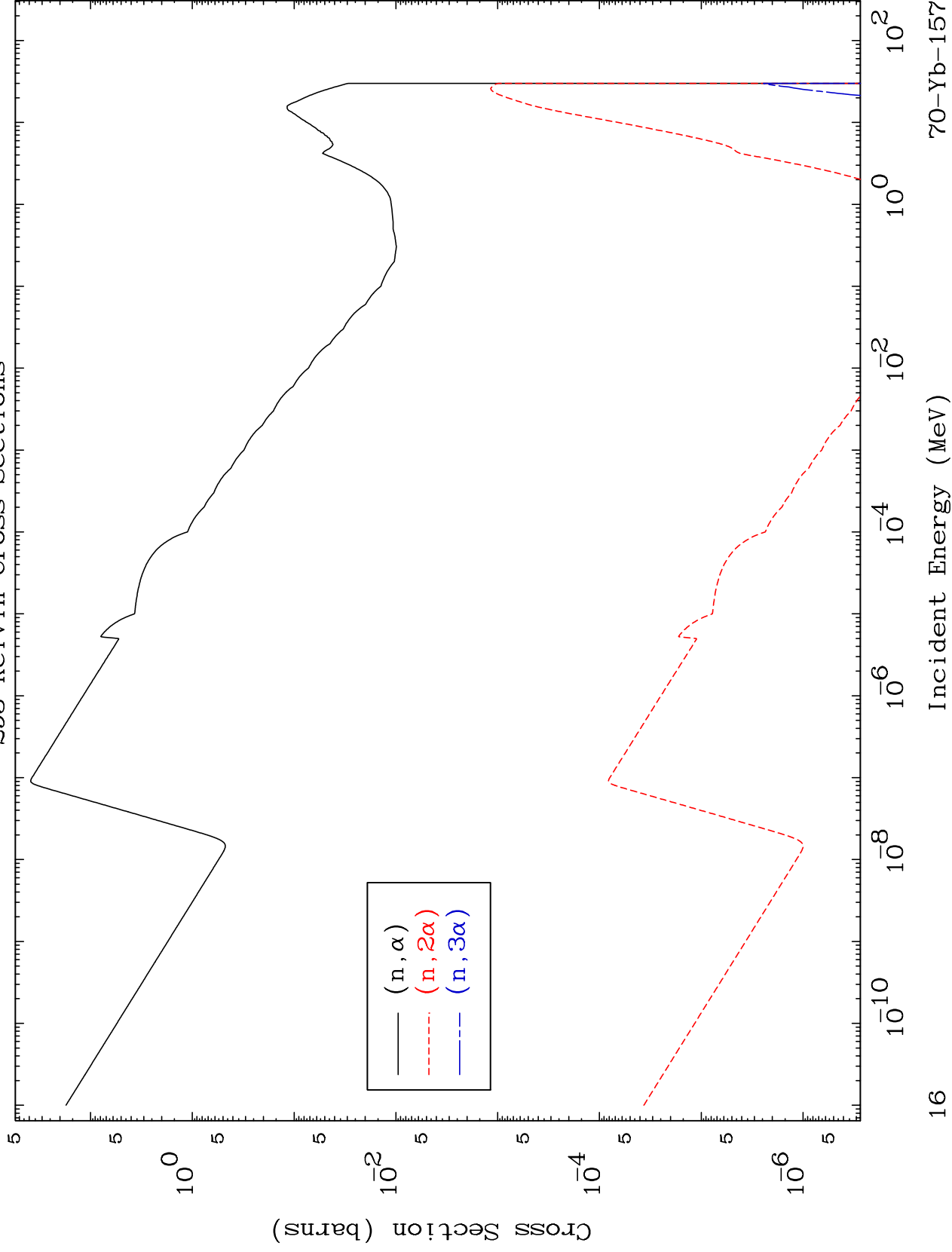
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MAT 6992

(n, α) Levels
293 Kelvin Cross Sections

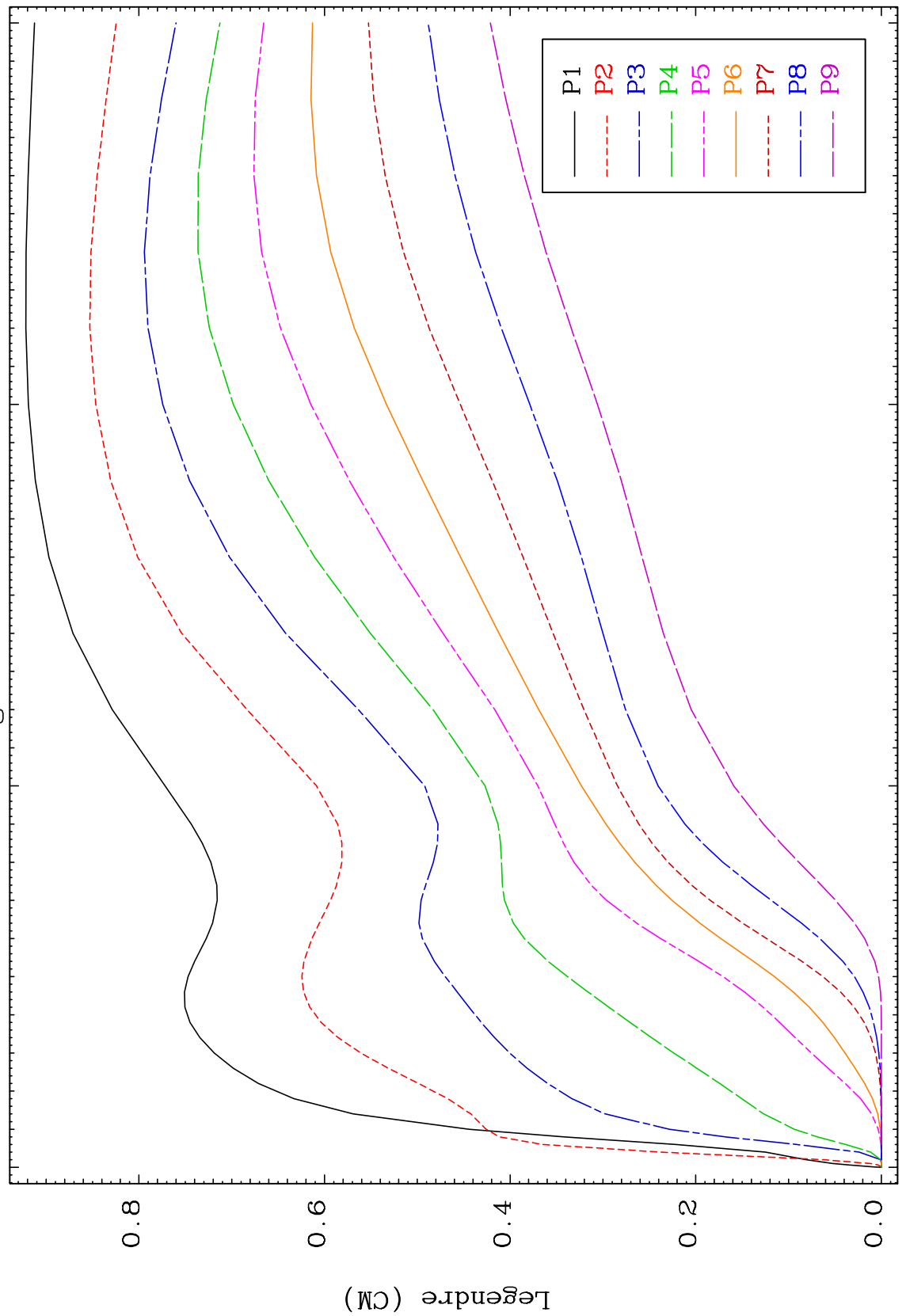
70-Yb-157



MAT 6992

70-Yb-157

Elastic Legendre Coefficients



70-Yb-157

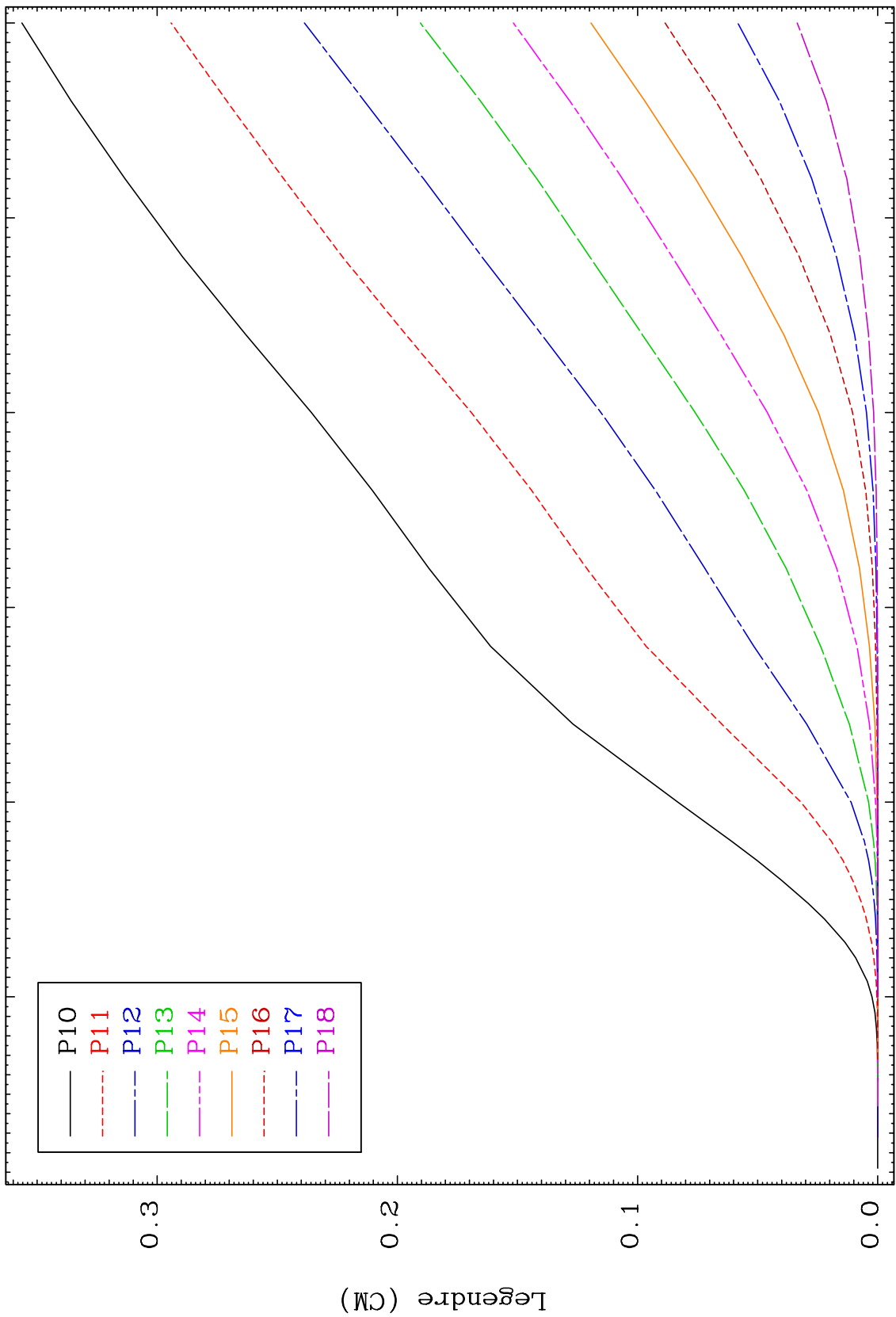
Incident Energy (MeV)

17

MAT 6992

Elastic Legendre Coefficients

70-Yb-157



18

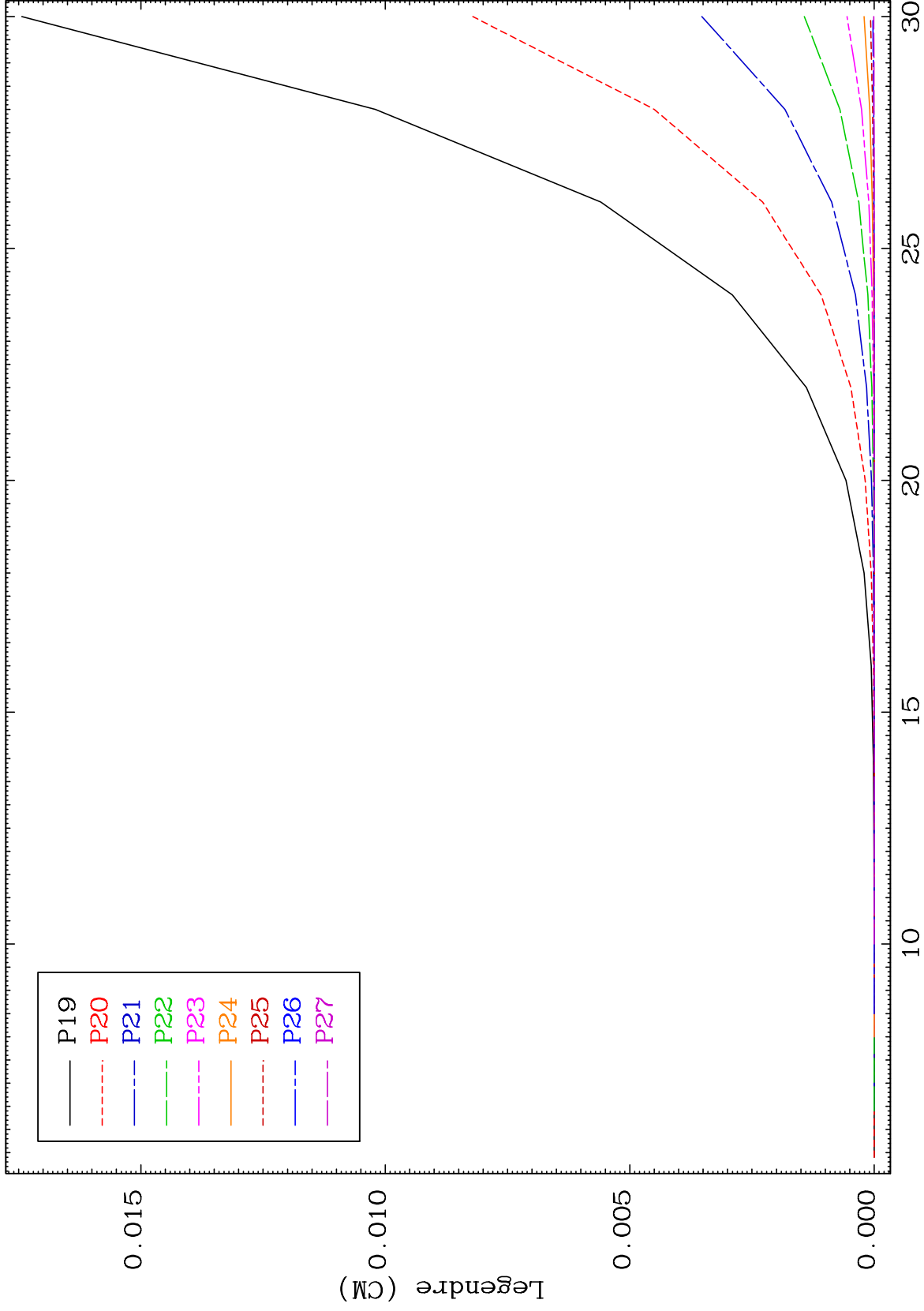
Incident Energy (MeV)

70-Yb-157

MAT 6992

Elastic Legendre Coefficients

70-Yb-157



19

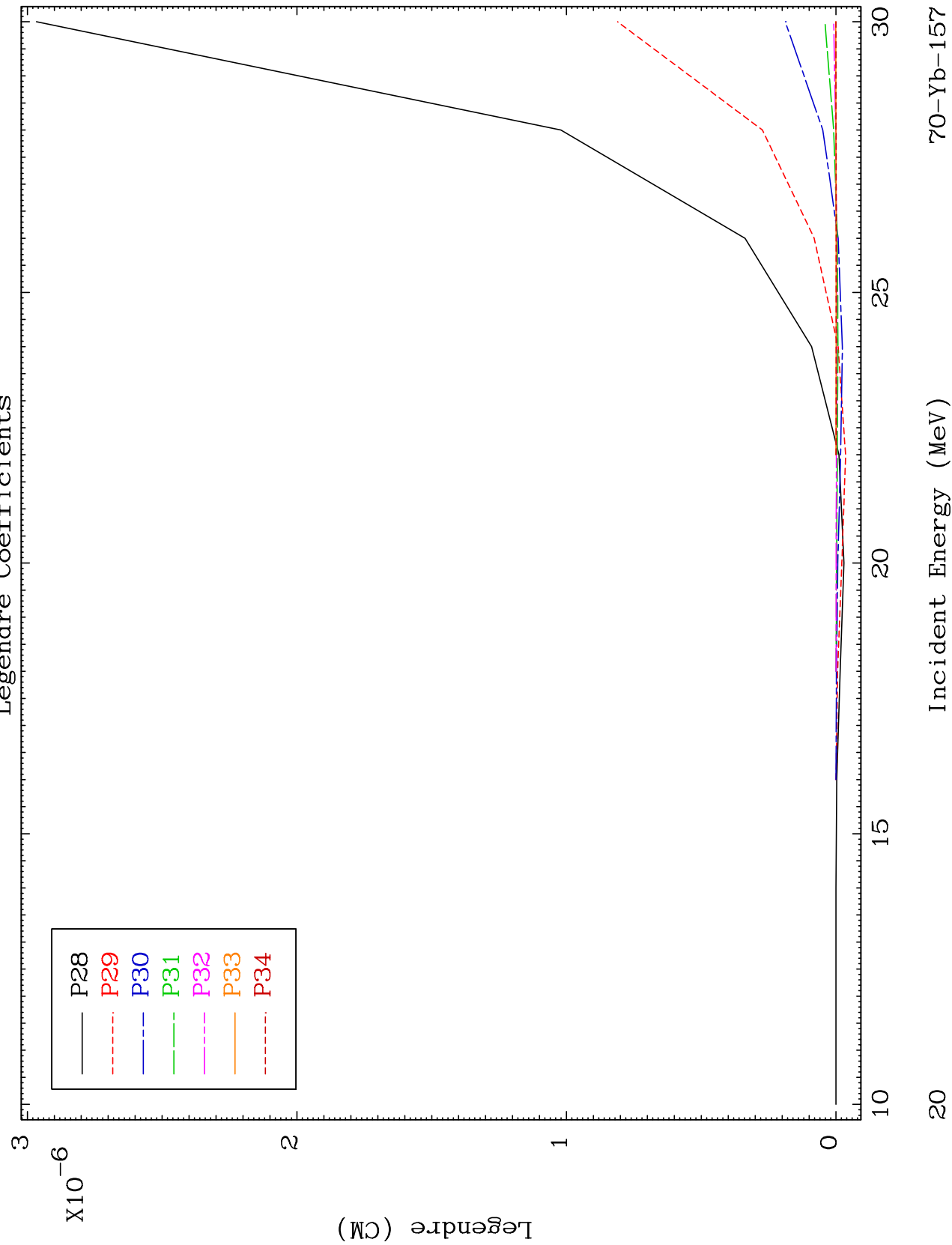
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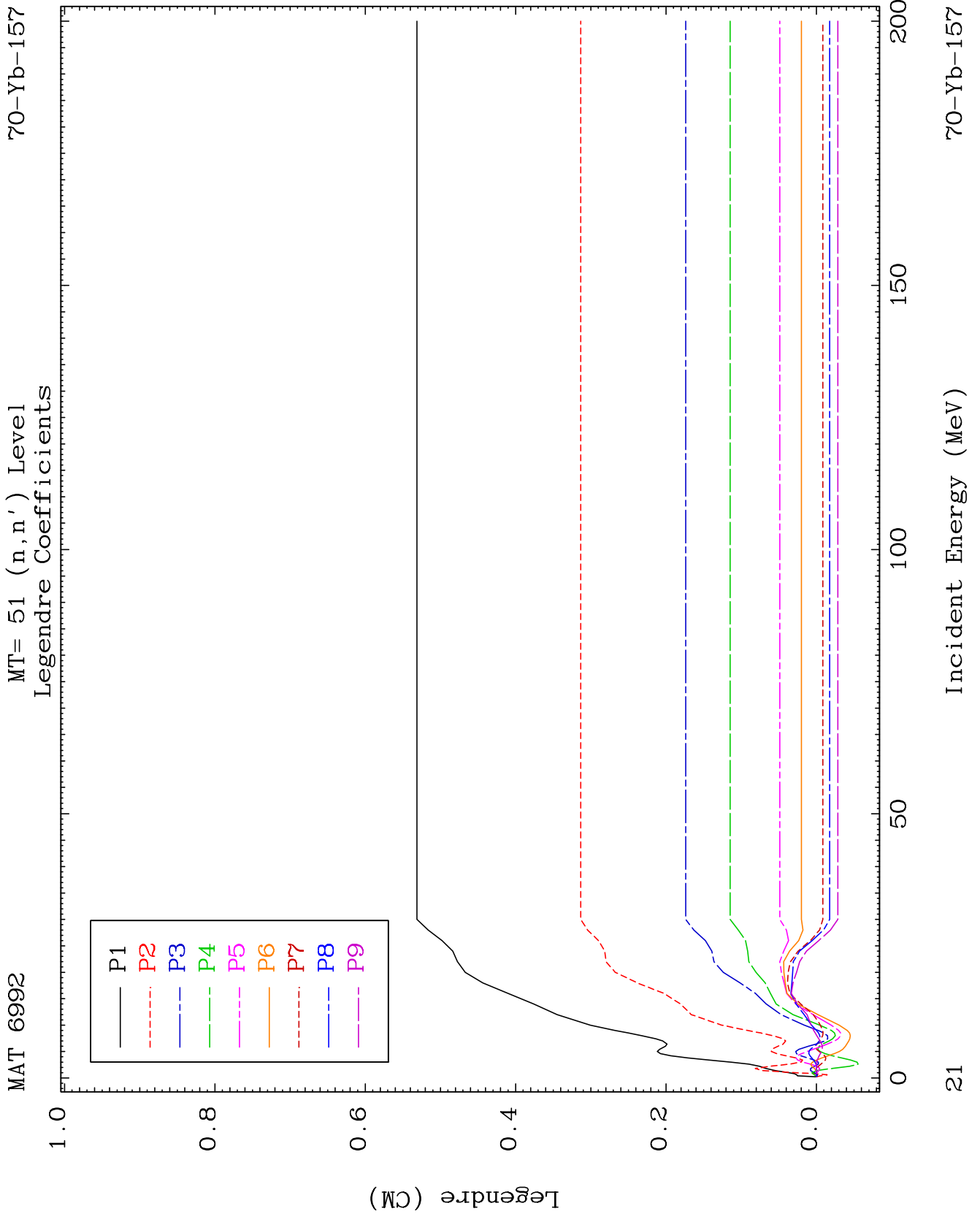
70-Yb-157

MAT 6992

Elastic Legendre Coefficients

70-Yb-157

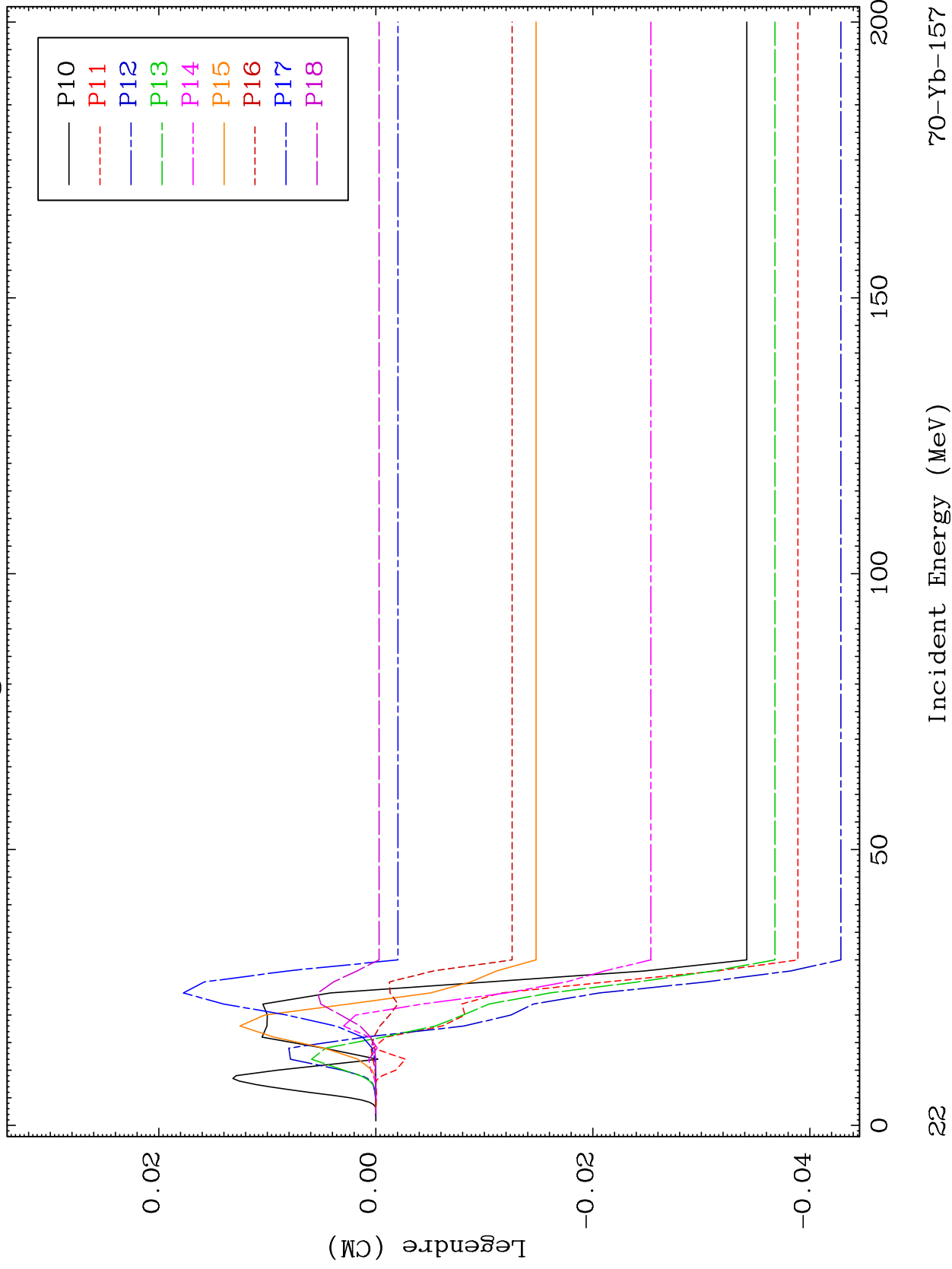




MAT 6992

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

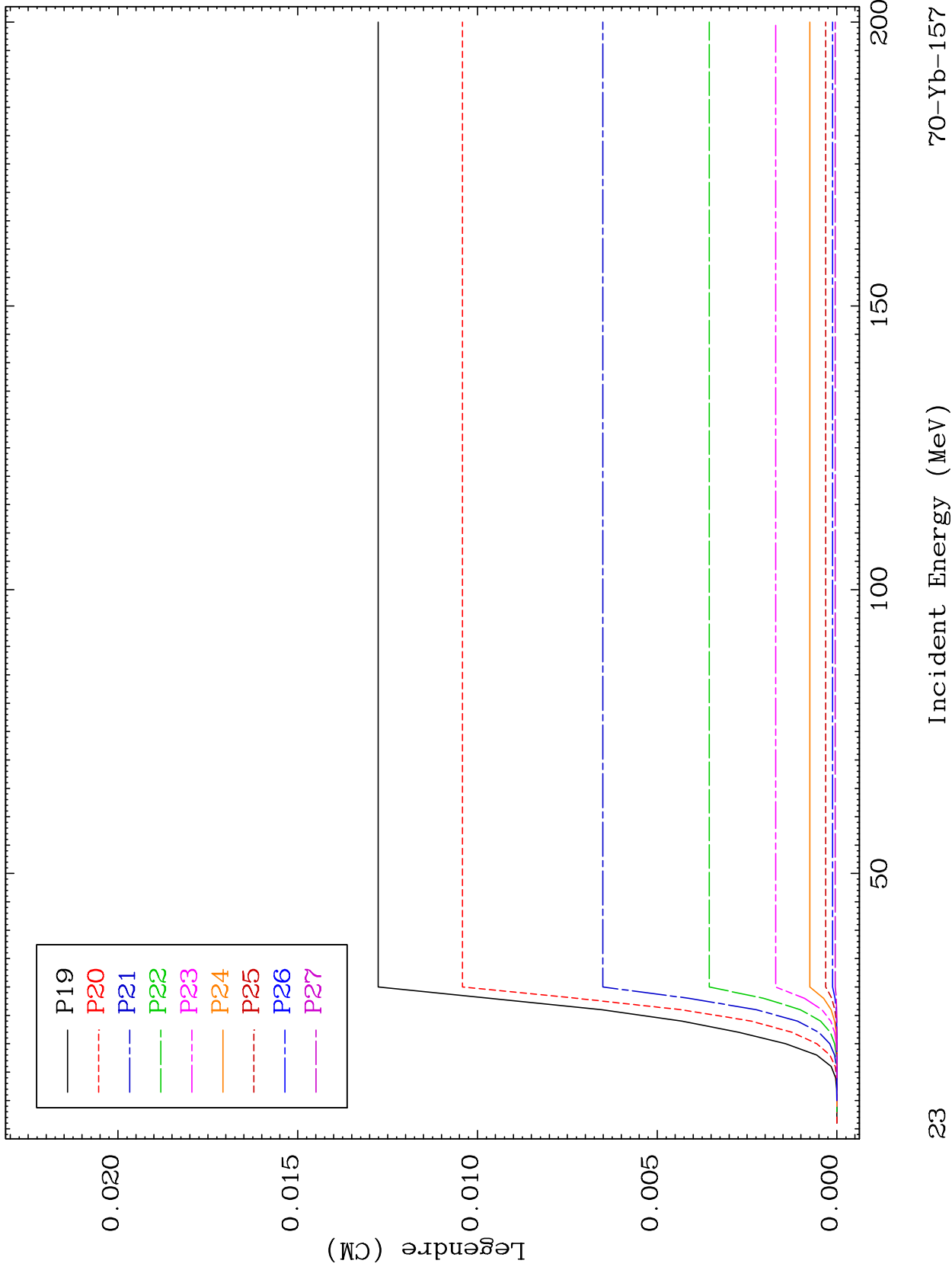
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22

Incident Energy (MeV)

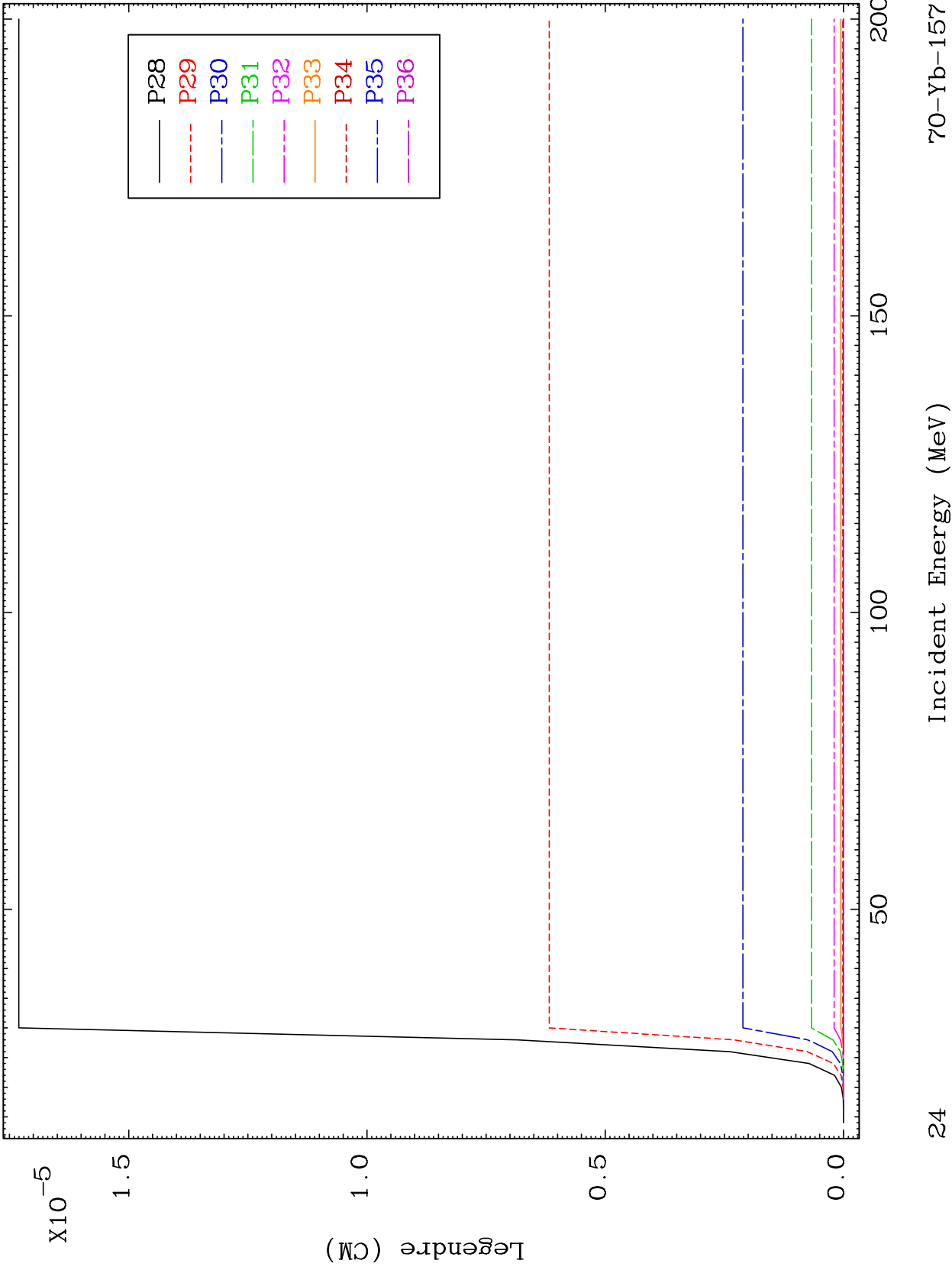
70-Yb-157



MAT 6992

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

70-Yb-157



24

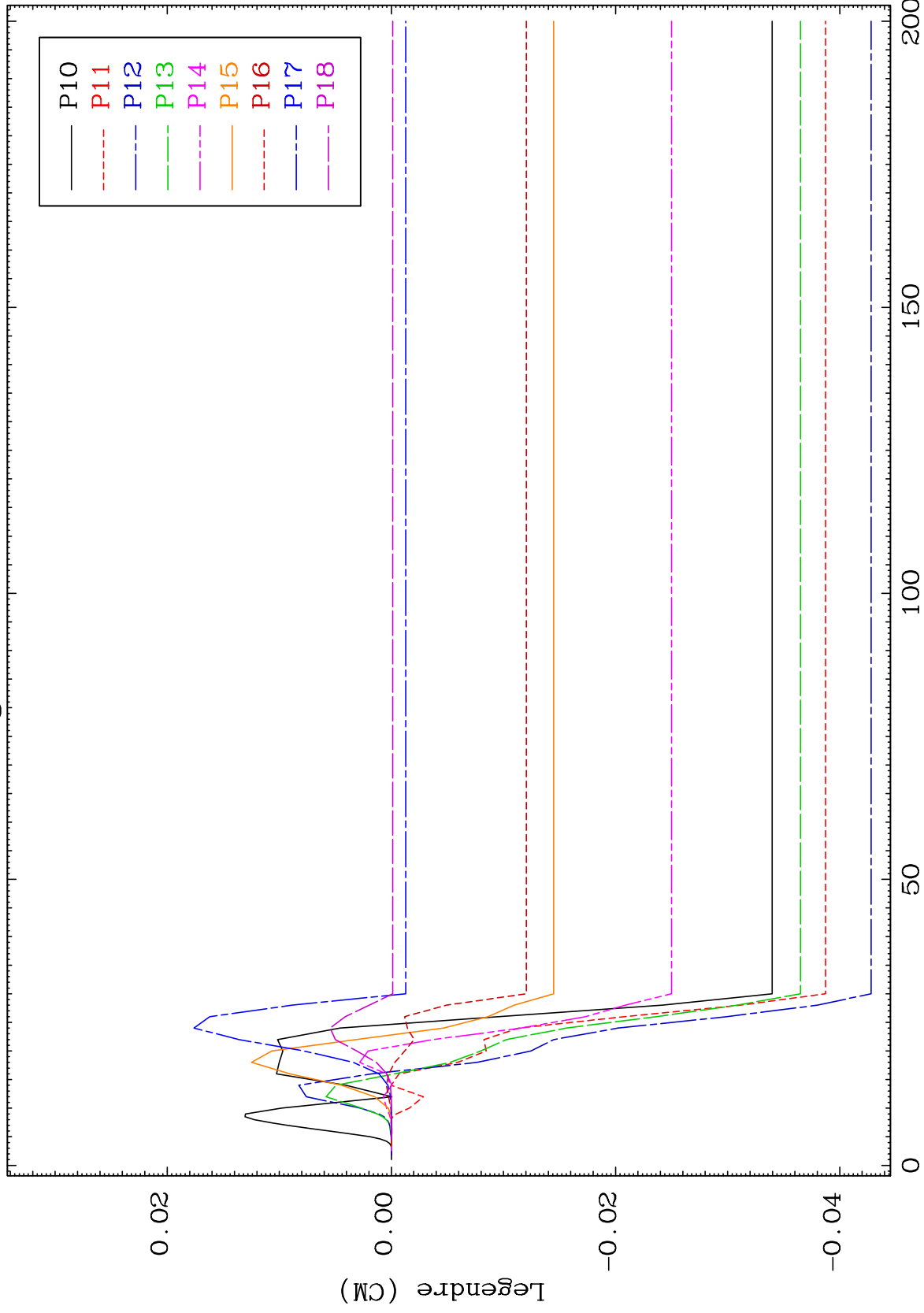
Incident Energy (MeV)

70-Yb-157

MAT 6992

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

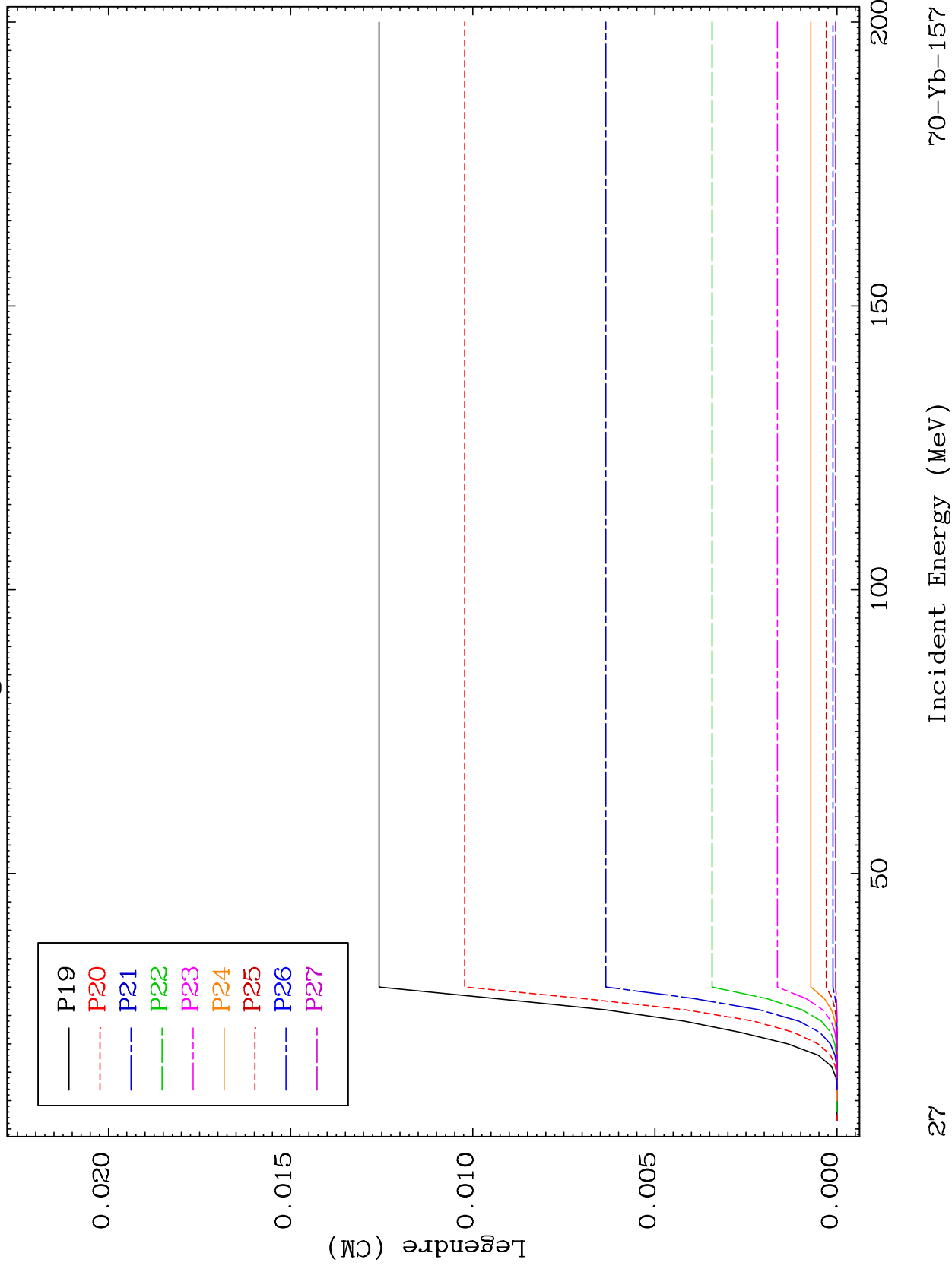
70-Yb-157



26

Incident Energy (MeV)

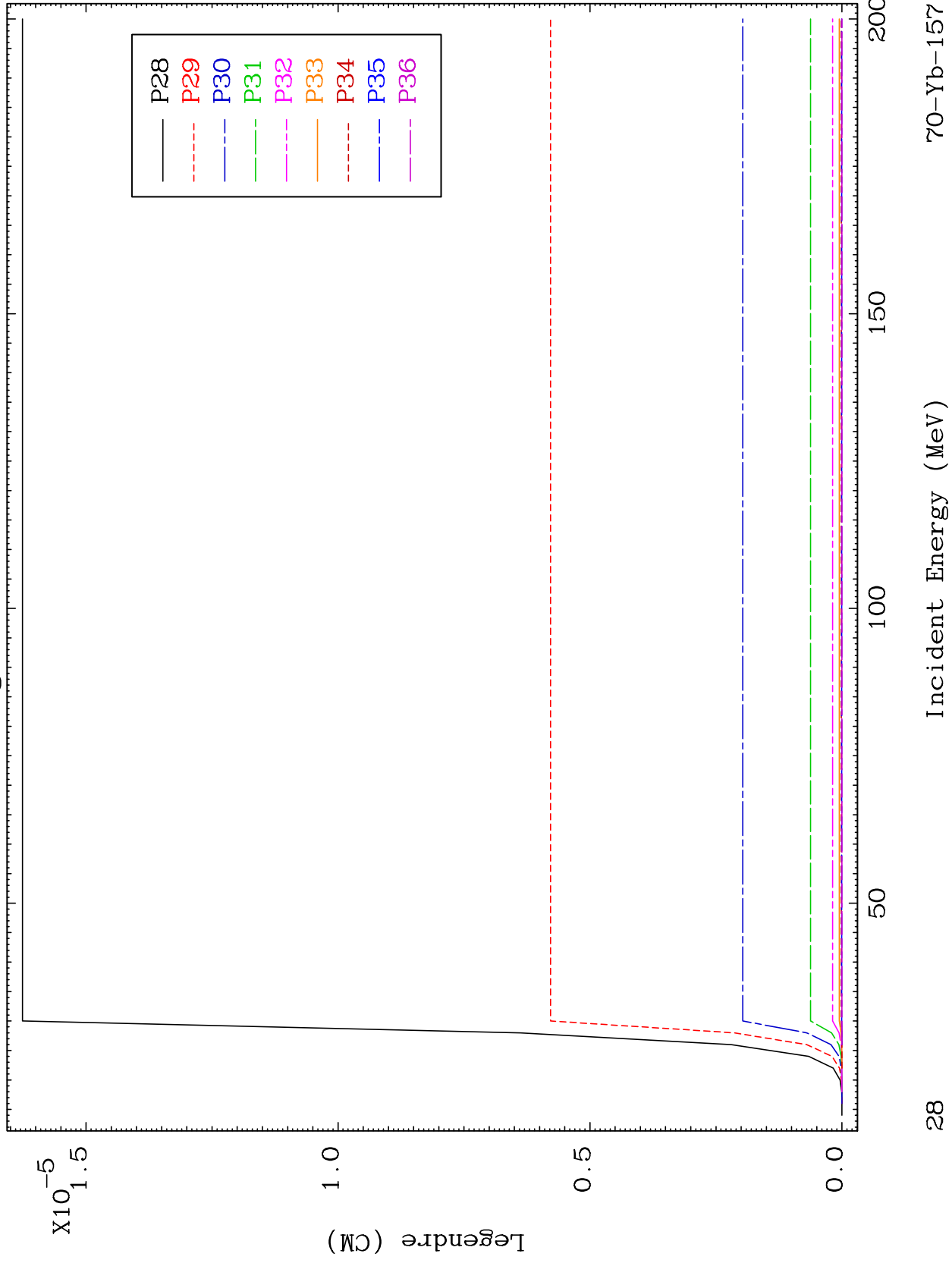
70-Yb-157



MAT 6992

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

70-Yb-157

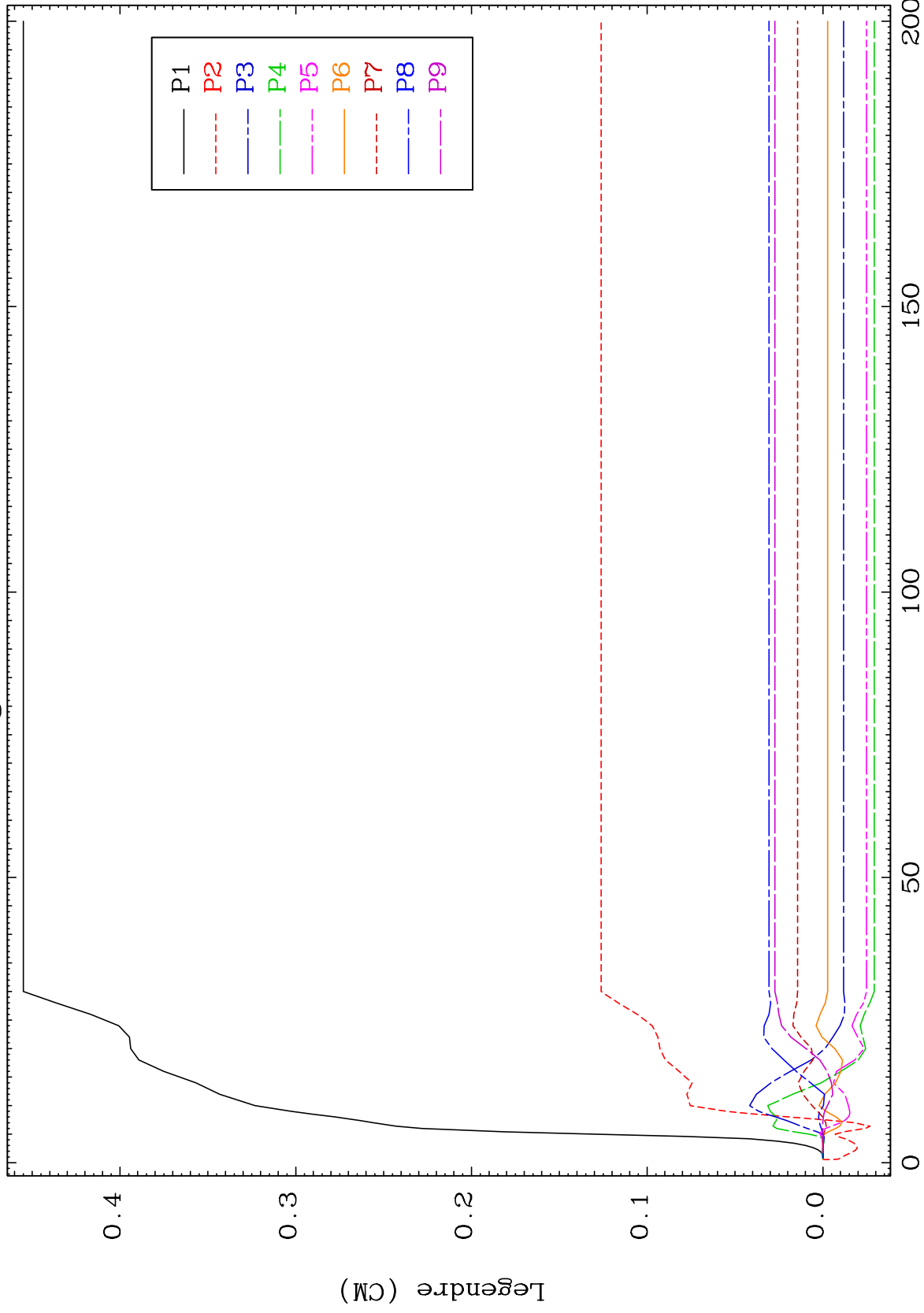


MAT 6992

MT= 53 (n,n') Level

70-Yb-157

Legendre Coefficients



29

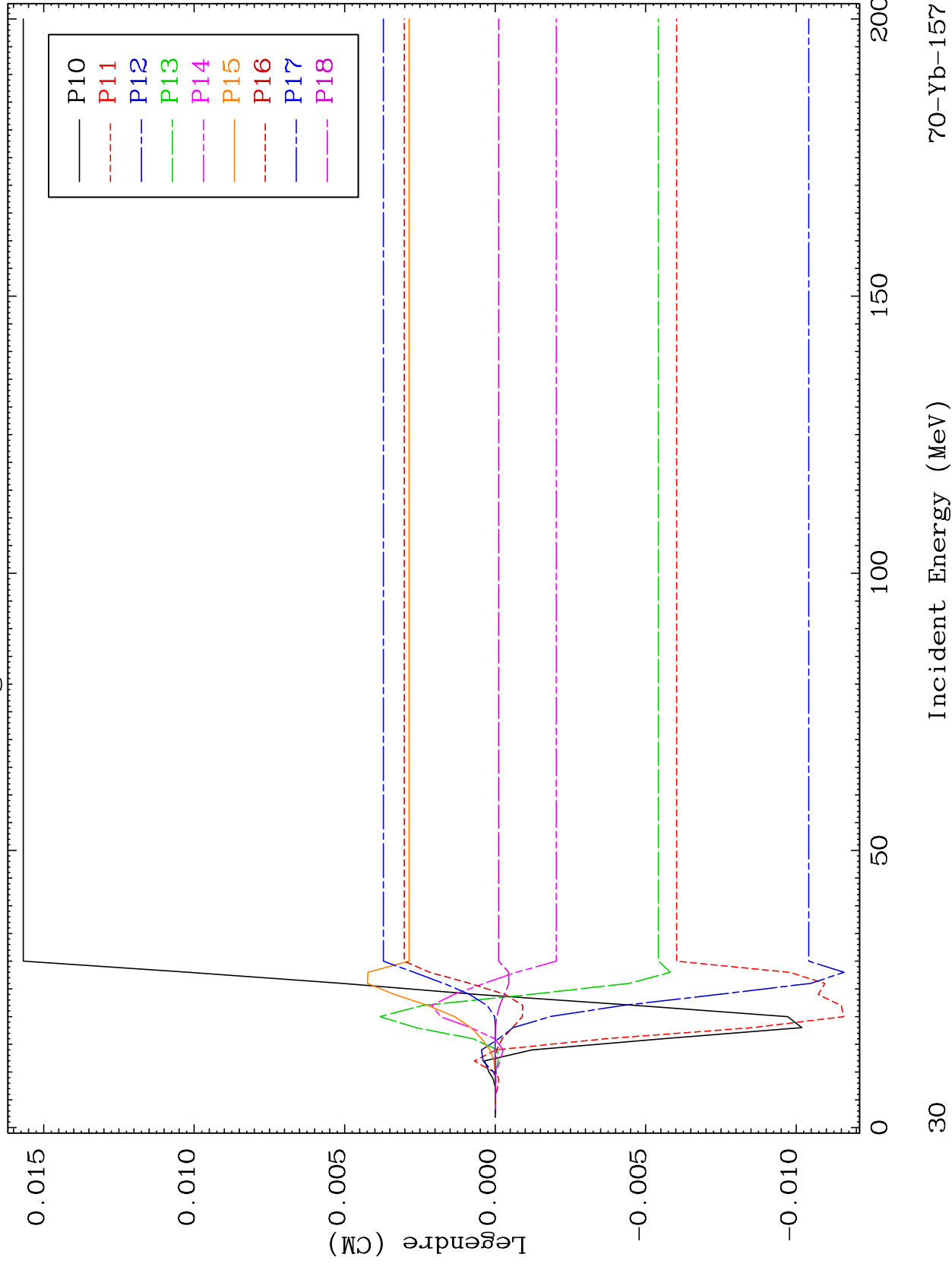
Incident Energy (MeV)

70-Yb-157

MAT 6992

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

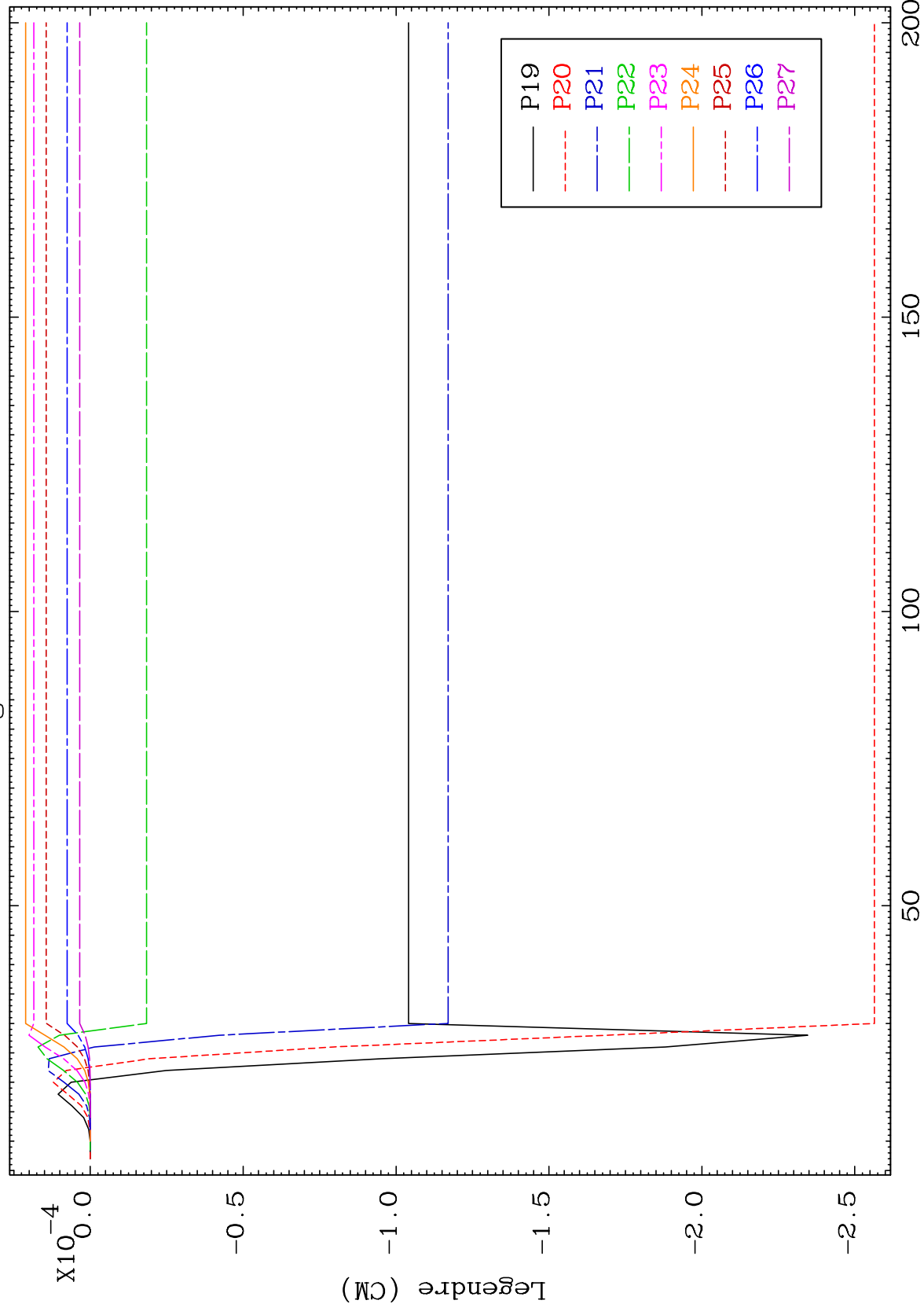
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MAT 6992

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

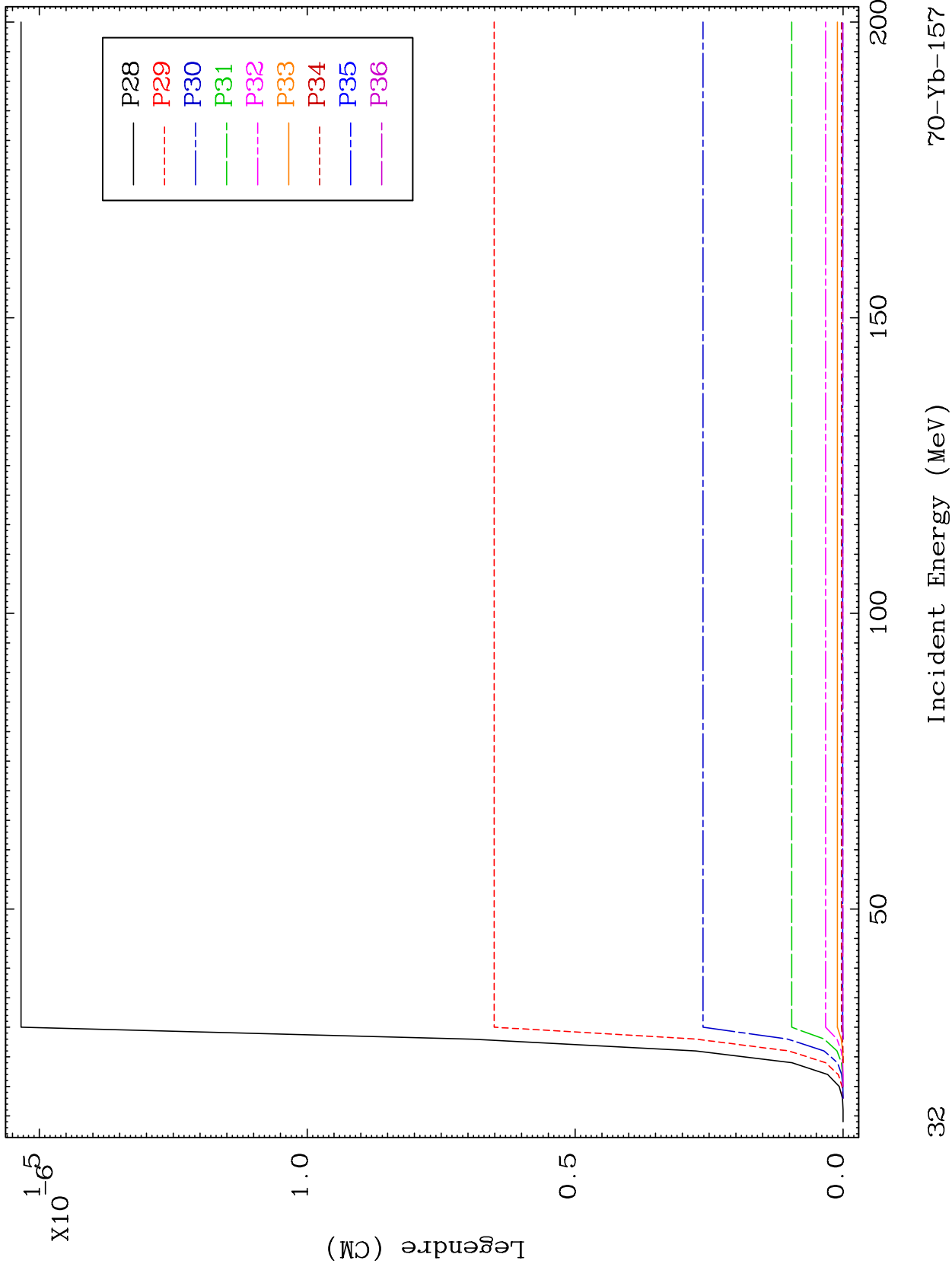
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MAT 6992

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

70-Yb-157



32

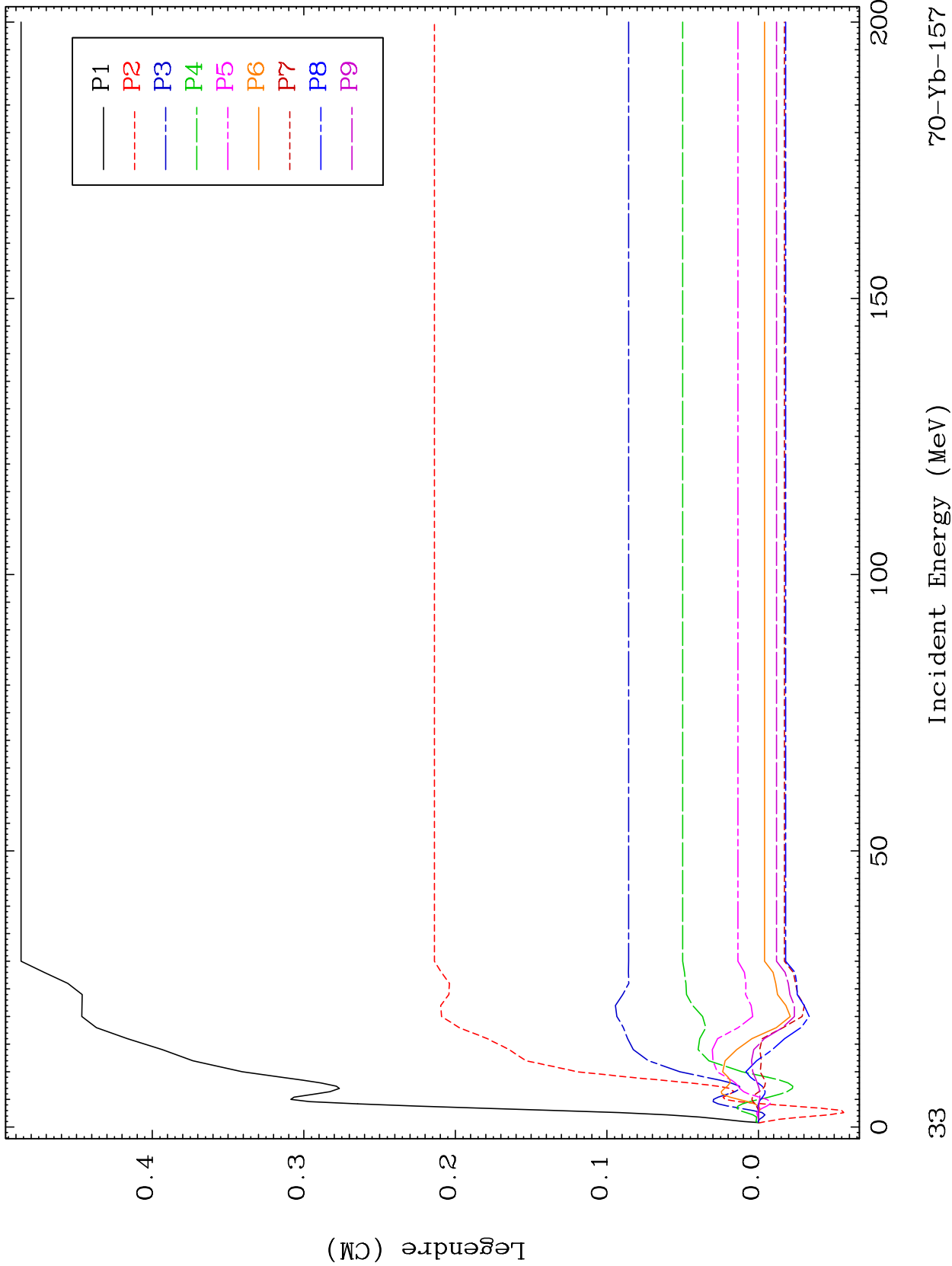
Incident Energy (MeV)

70-Yb-157

MAT 6992

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

70-Yb-157



70-Yb-157

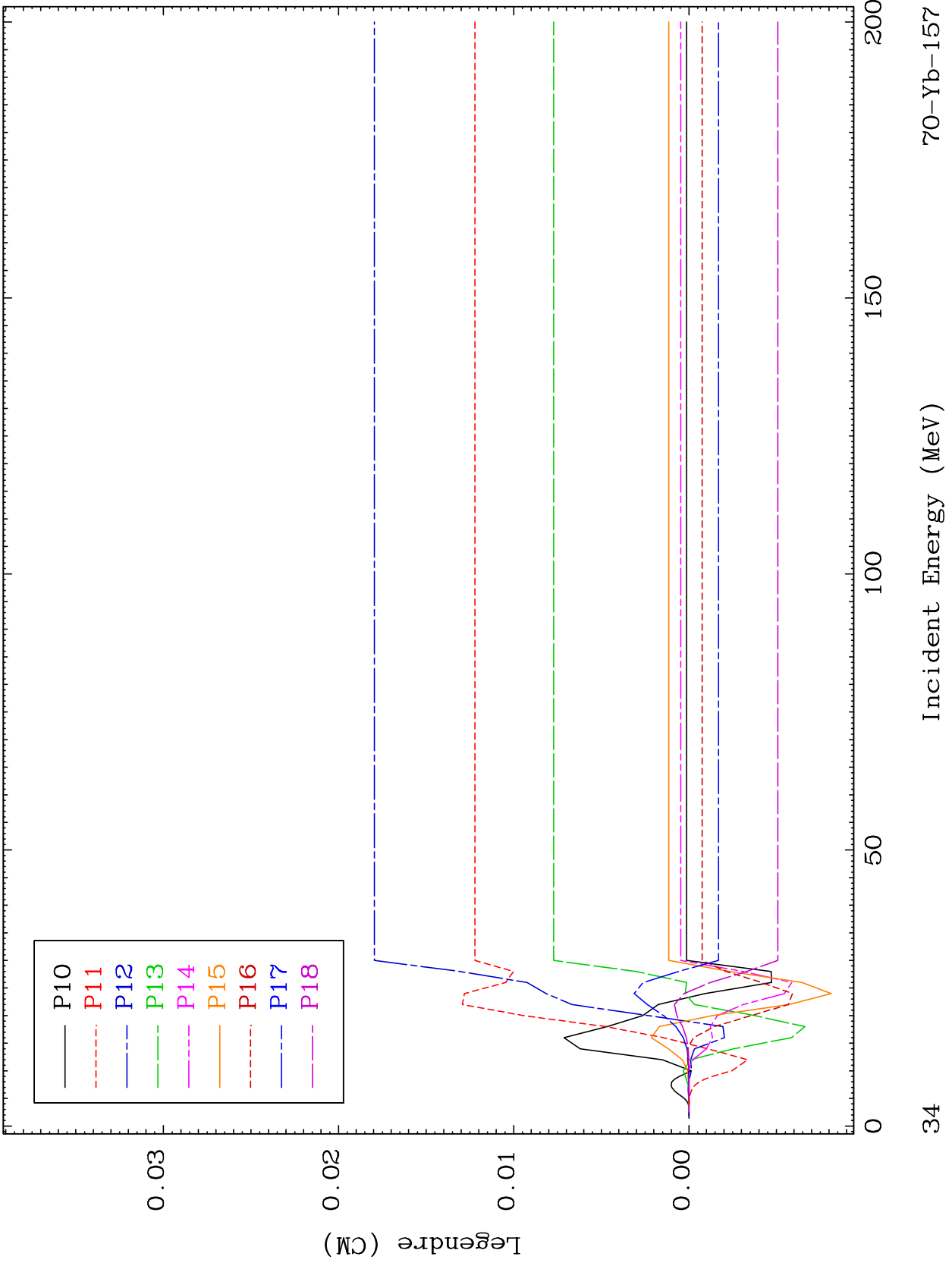
Incident Energy (MeV)

33

MAT 6992

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

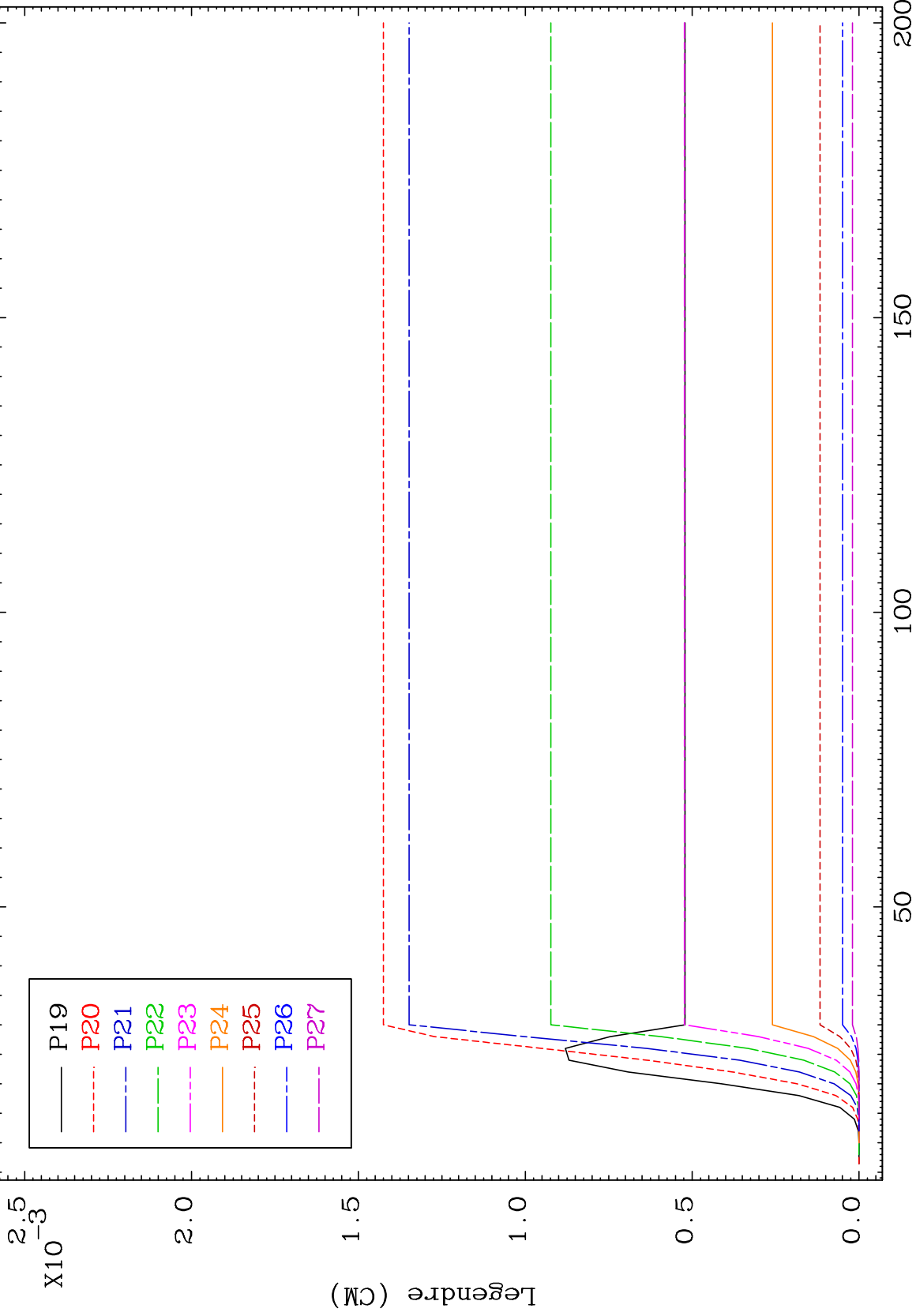
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MAT 6992

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

70-Yb-157



35

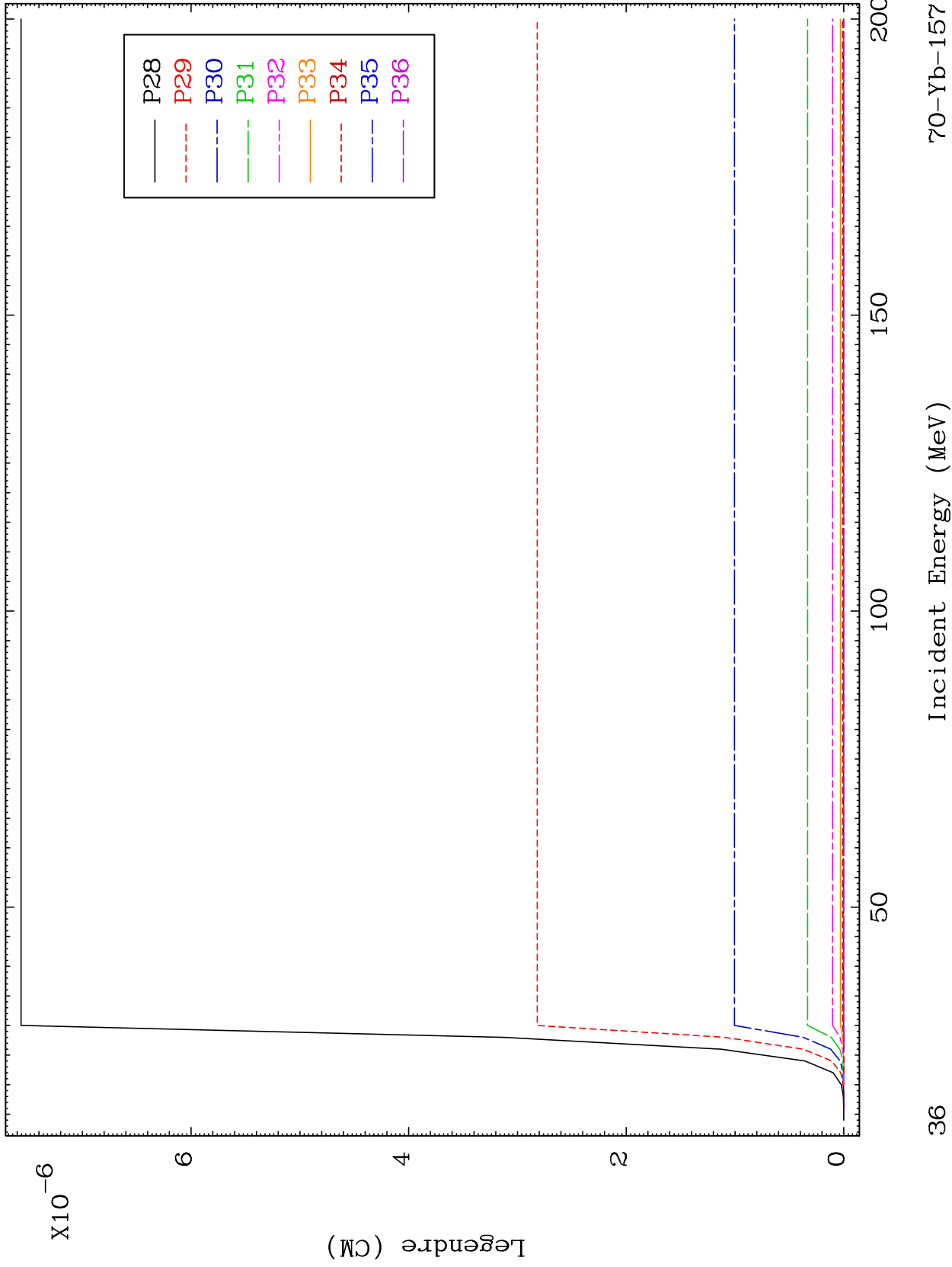
Incident Energy (MeV)

70-Yb-157

MAT 6992

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

70-Yb-157



36

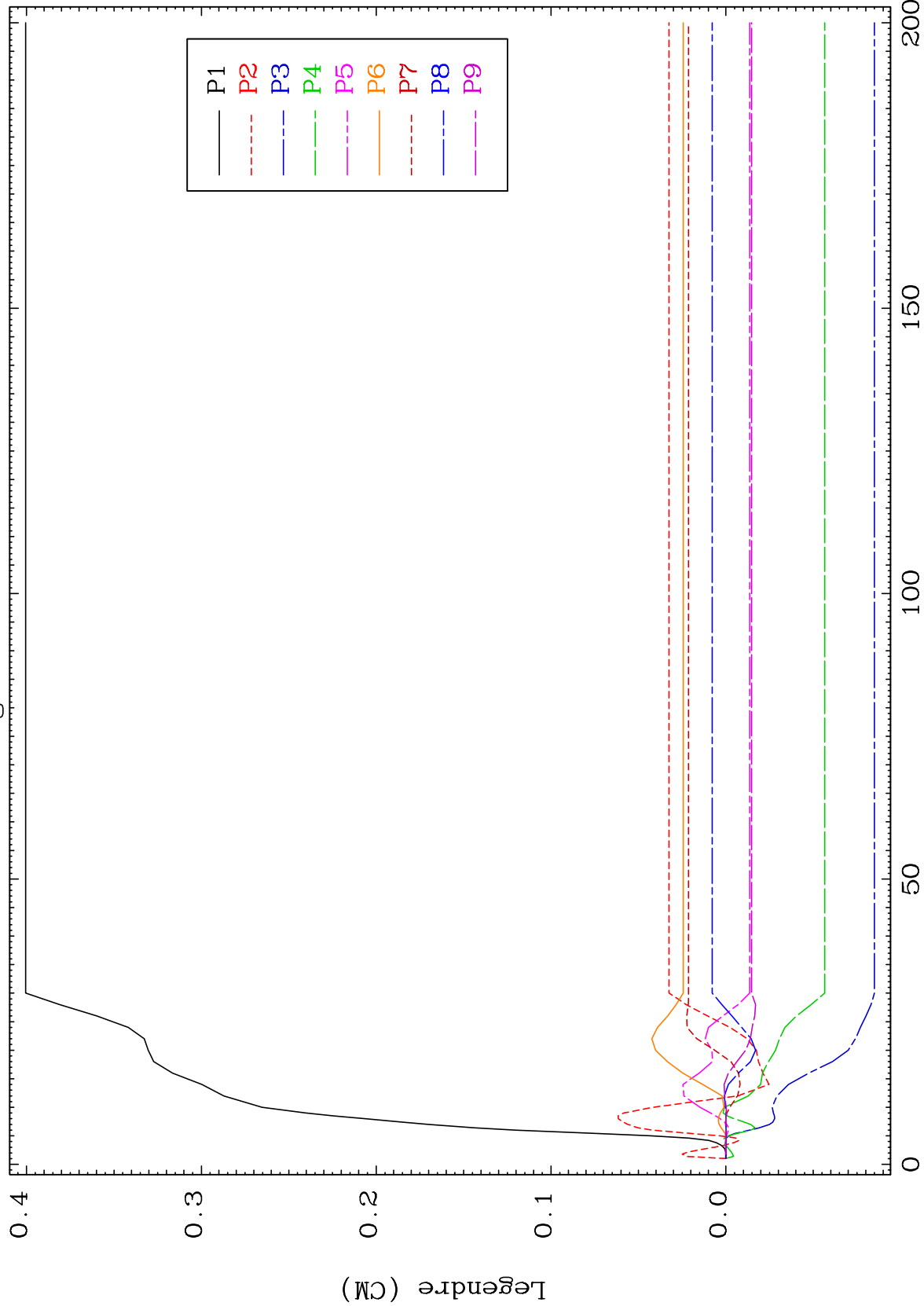
Incident Energy (MeV)

70-Yb-157

MAT 6992

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

70-Yb-157



37

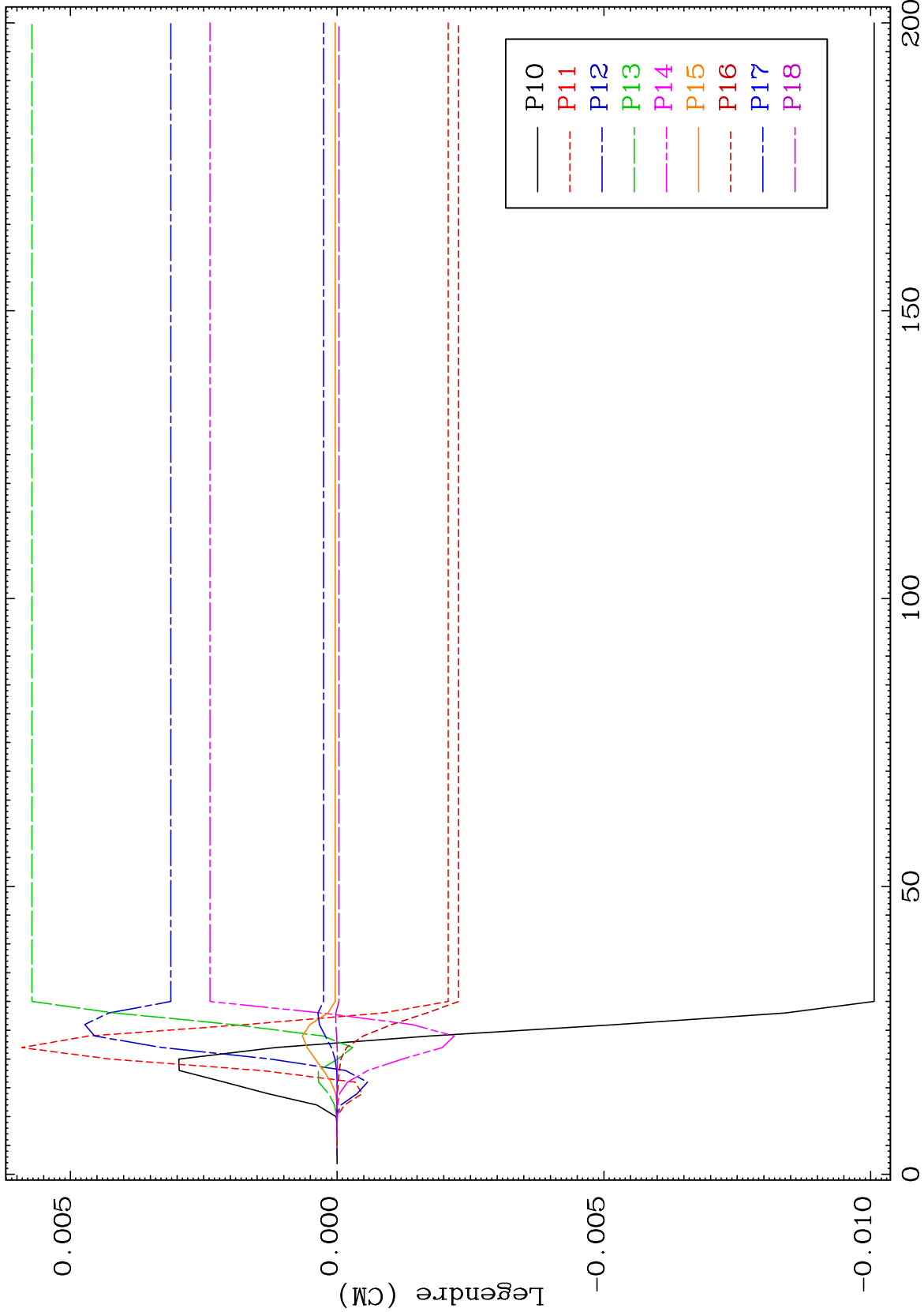
Incident Energy (MeV)

70-Yb-157

MAT 6992

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

70-Yb-157



38

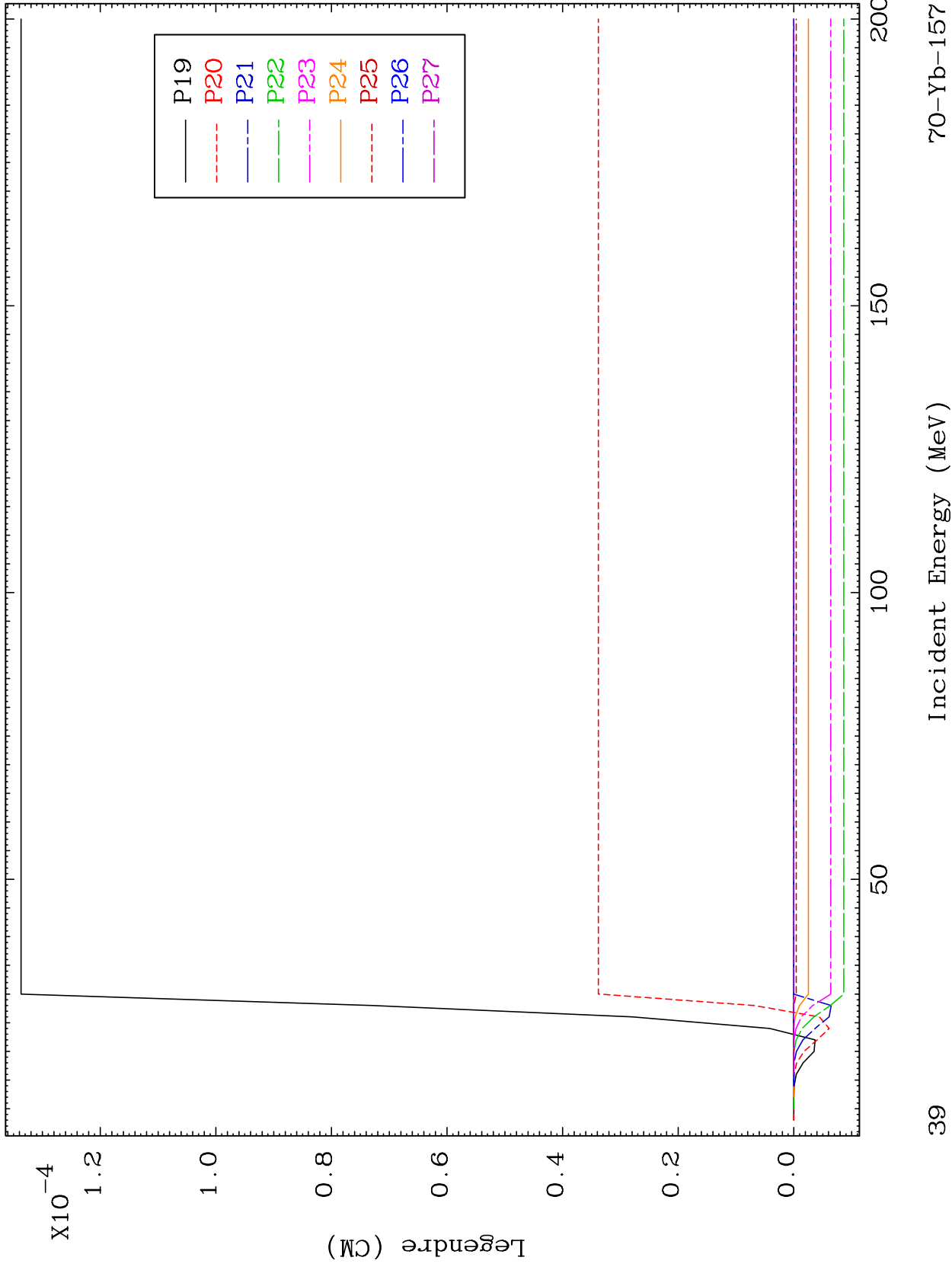
Incident Energy (MeV)

70-Yb-157

MAT 6992

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

70-Yb-157



39

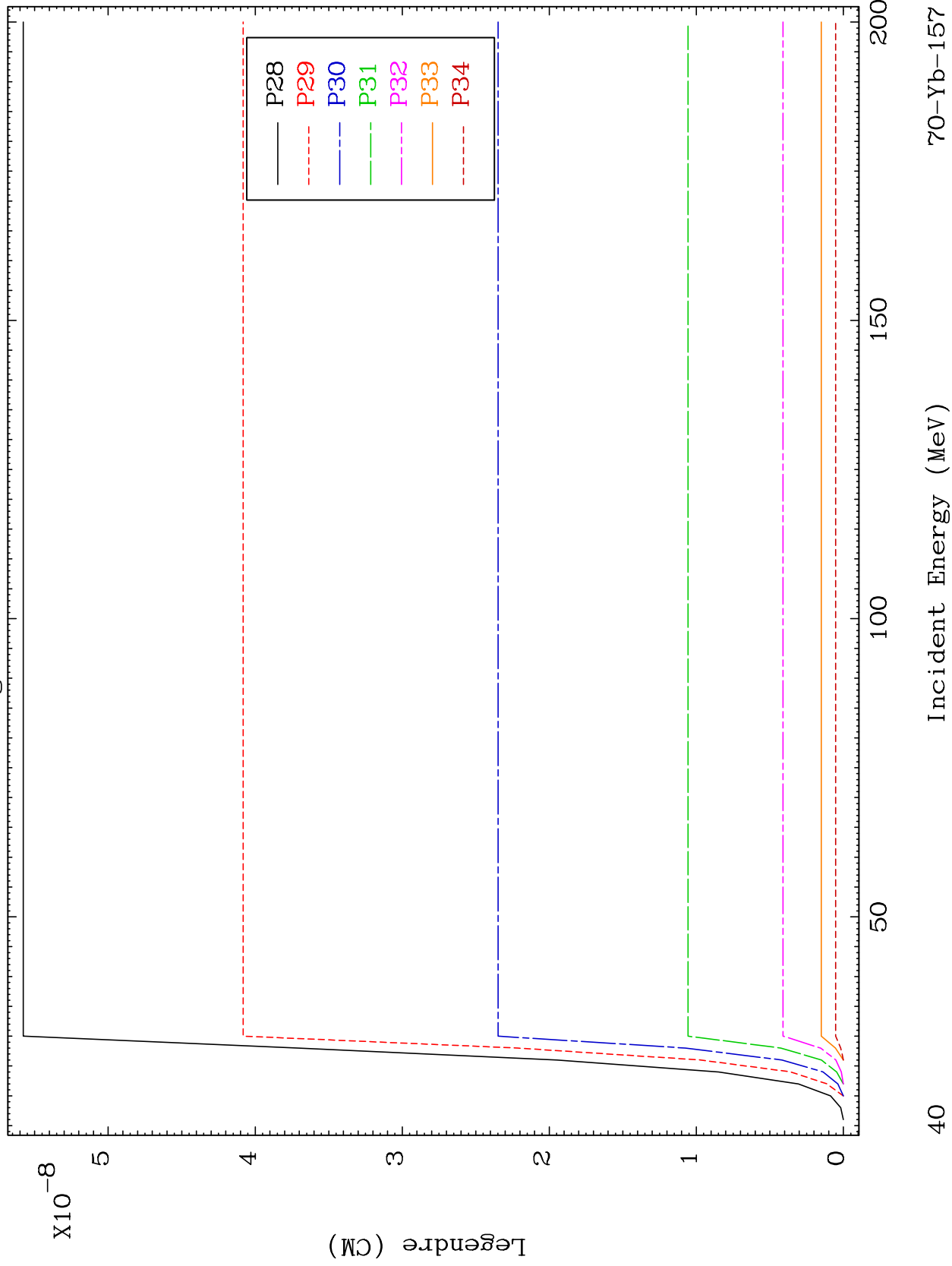
Incident Energy (MeV)

70-Yb-157

MAT 6992

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

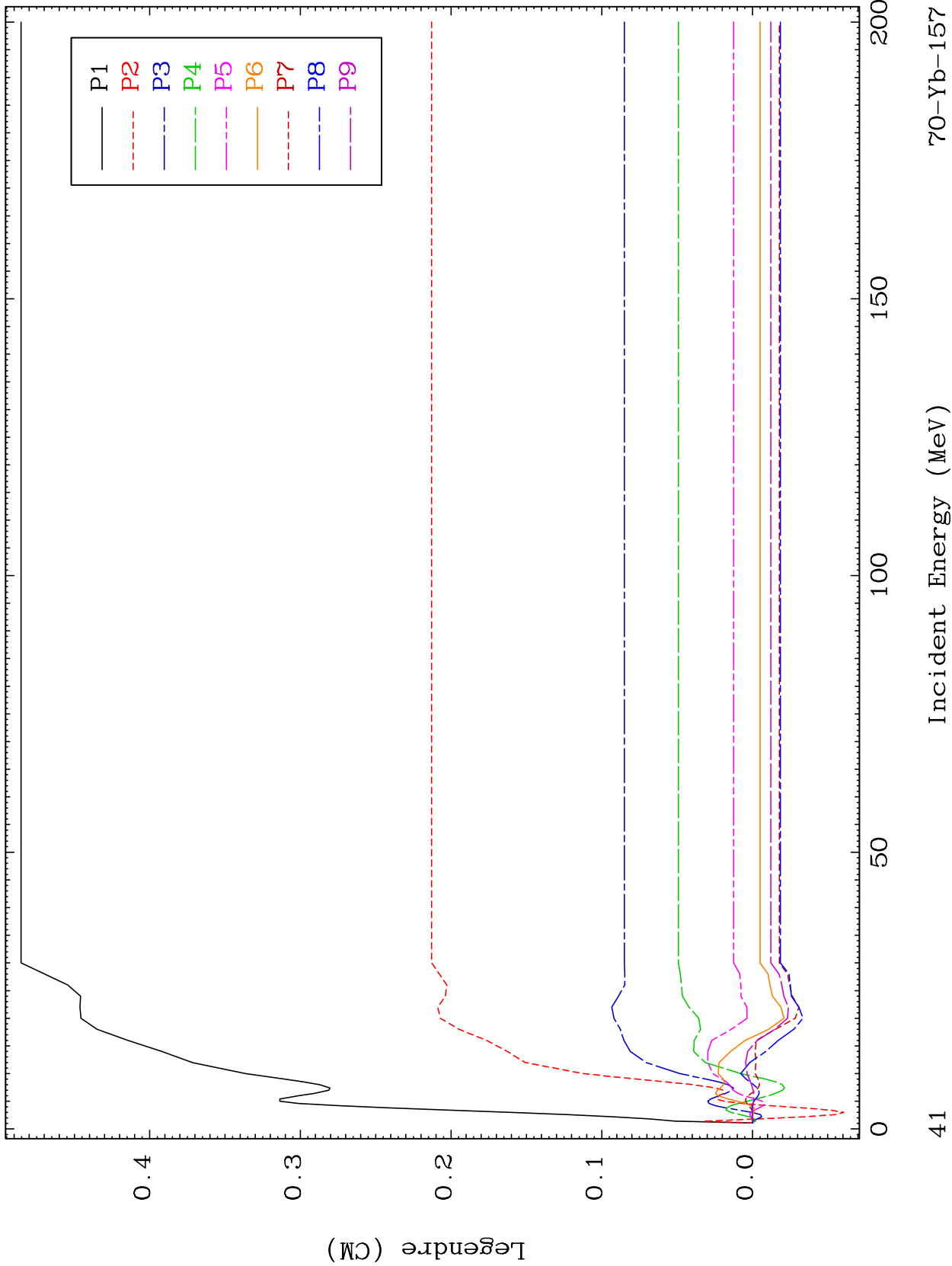
70-Yb-157



MAT 6992

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

70-Yb-157



41

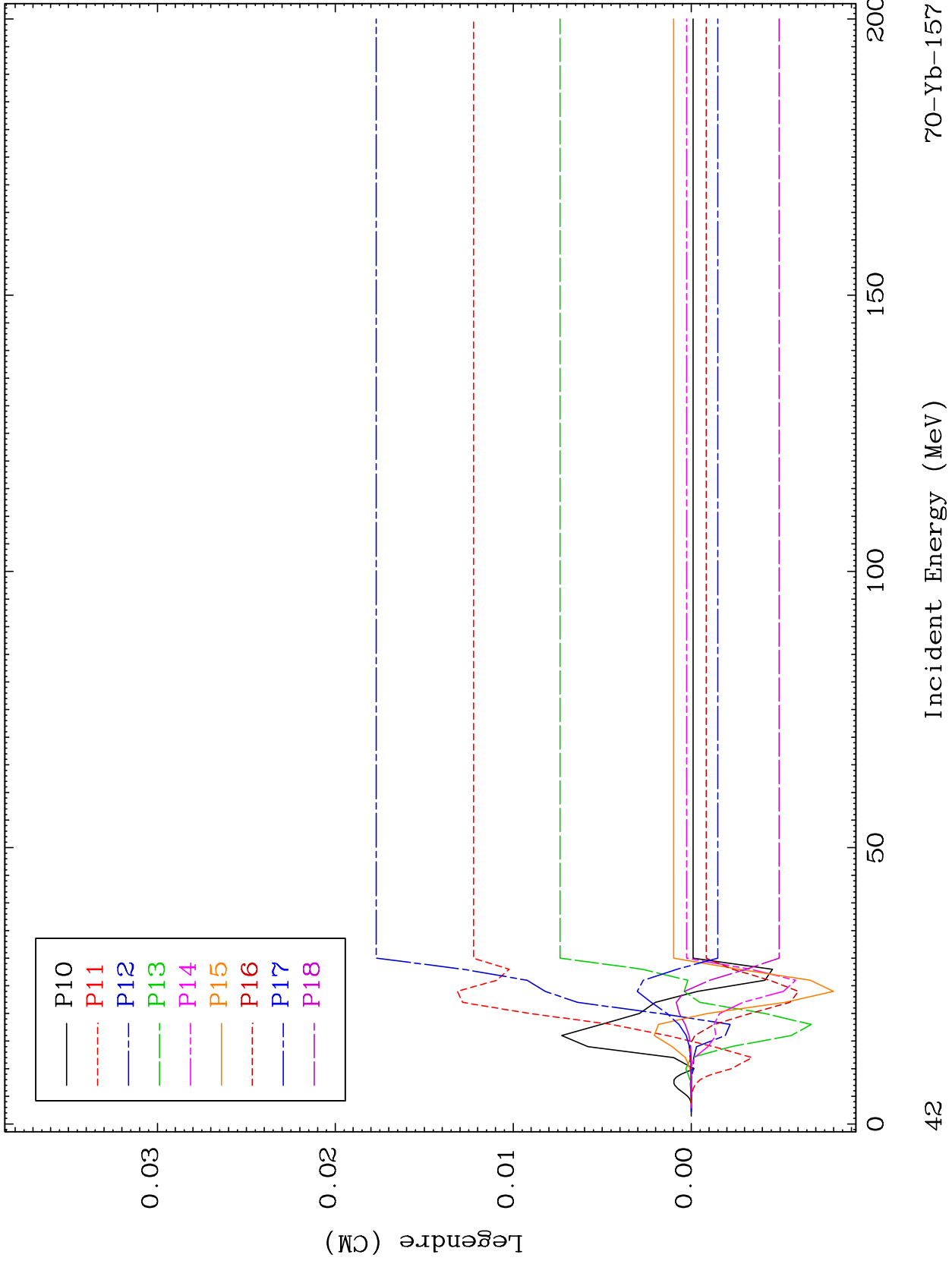
Incident Energy (MeV)

70-Yb-157

MAT 6992

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

70-Yb-157



42

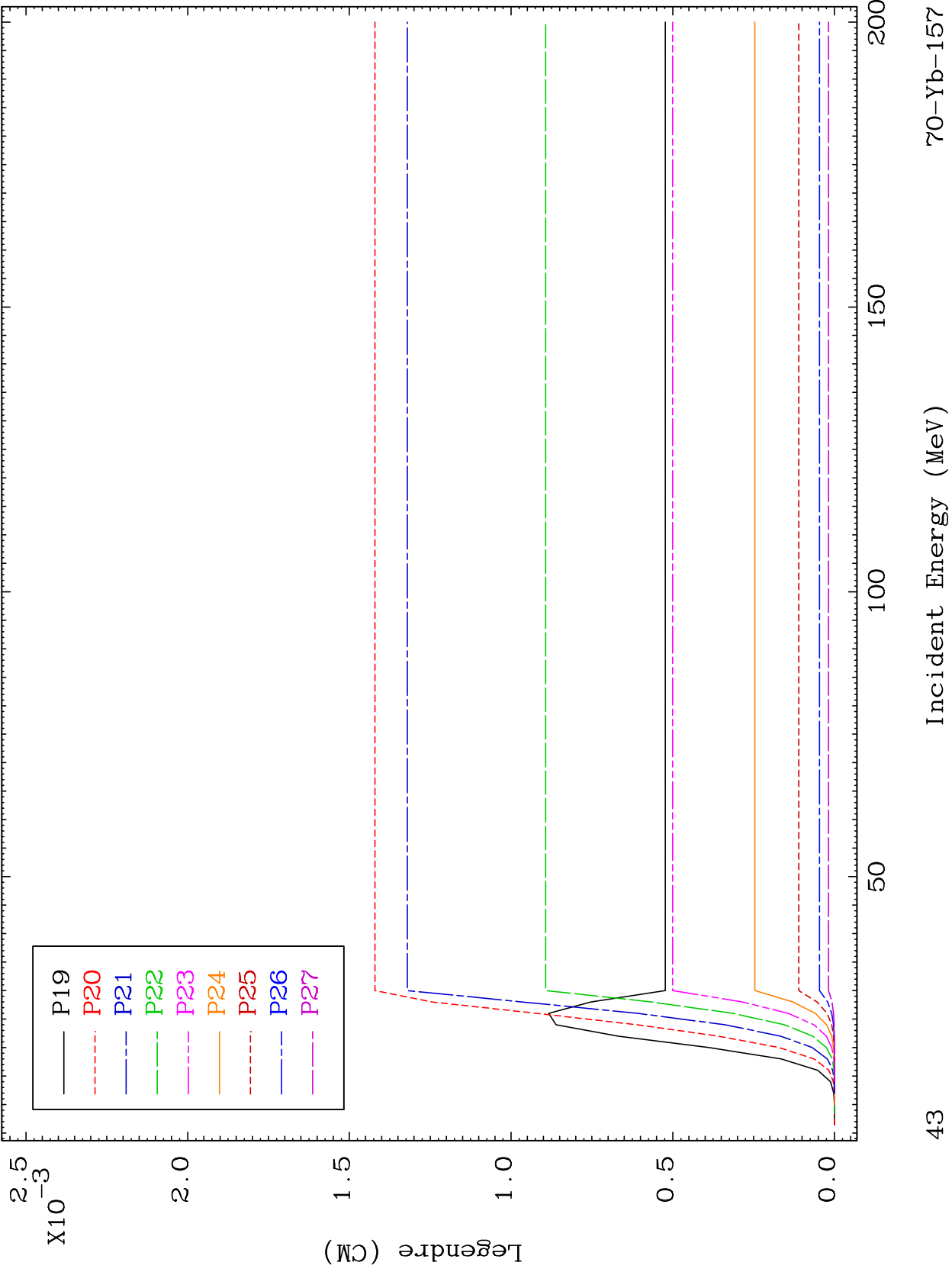
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MAT 6992

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

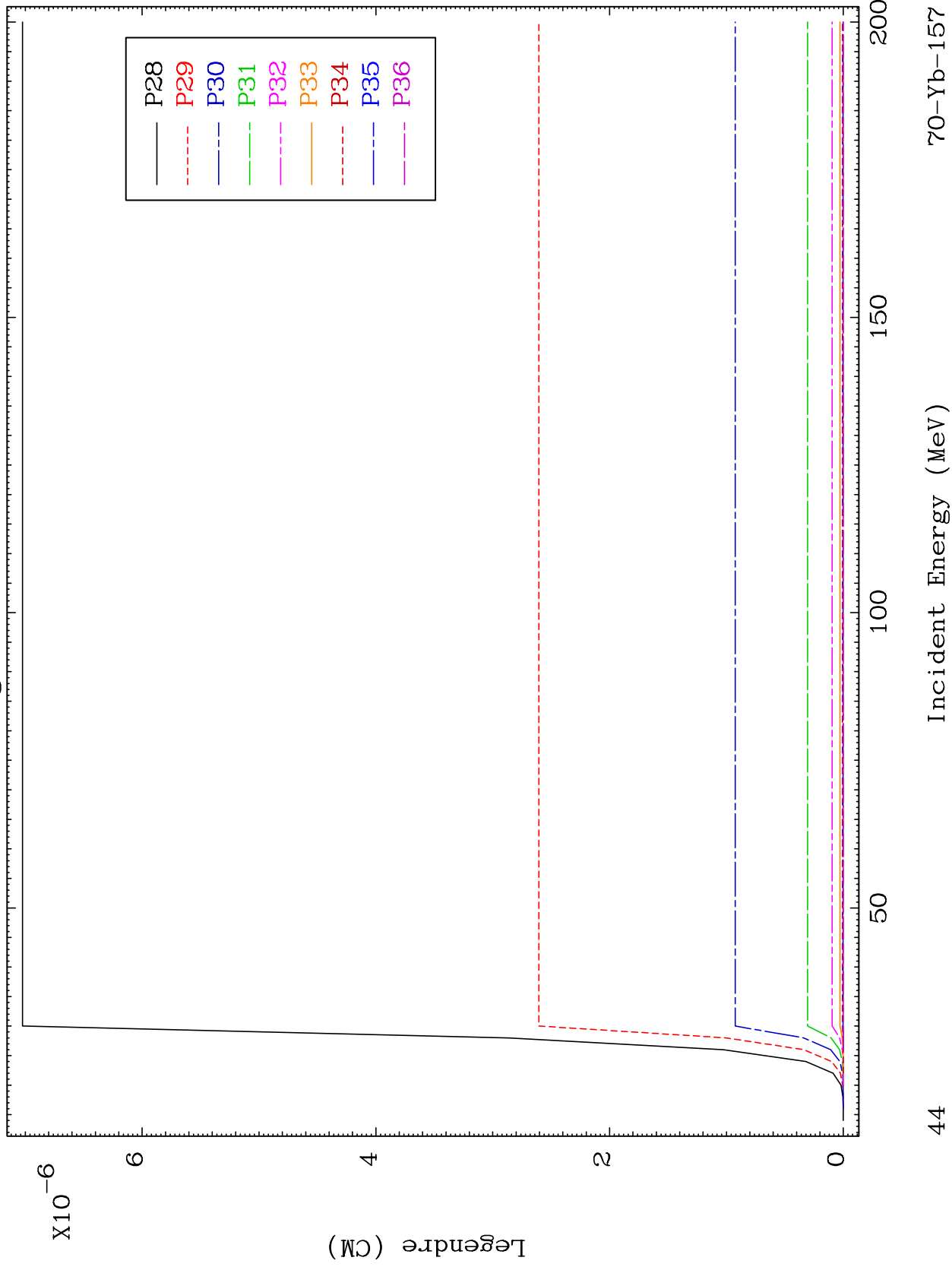
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MAT 6992

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

70-Yb-157



44

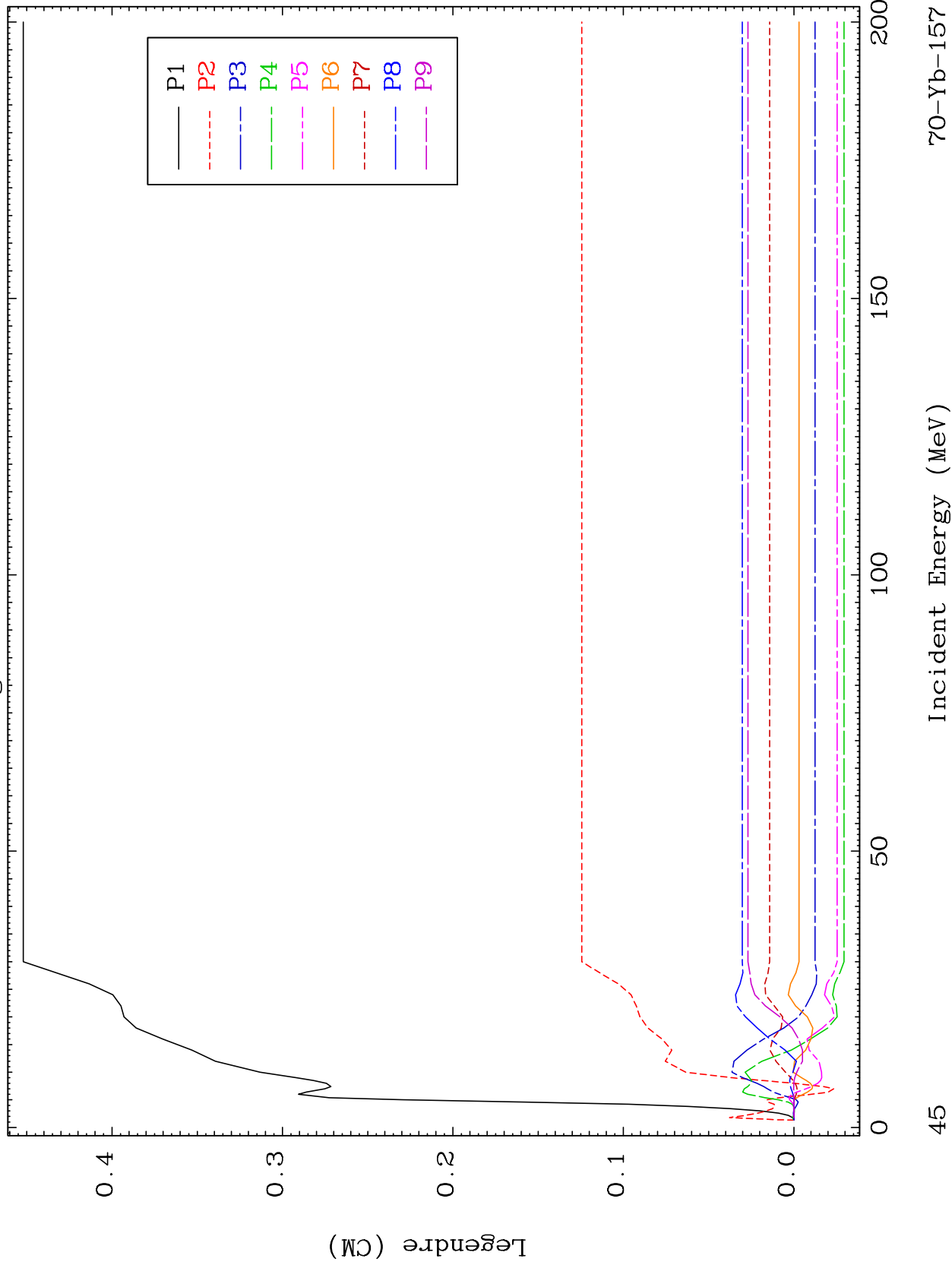
Incident Energy (MeV)

70-Yb-157

MAT 6992

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

70-Yb-157



70-Yb-157

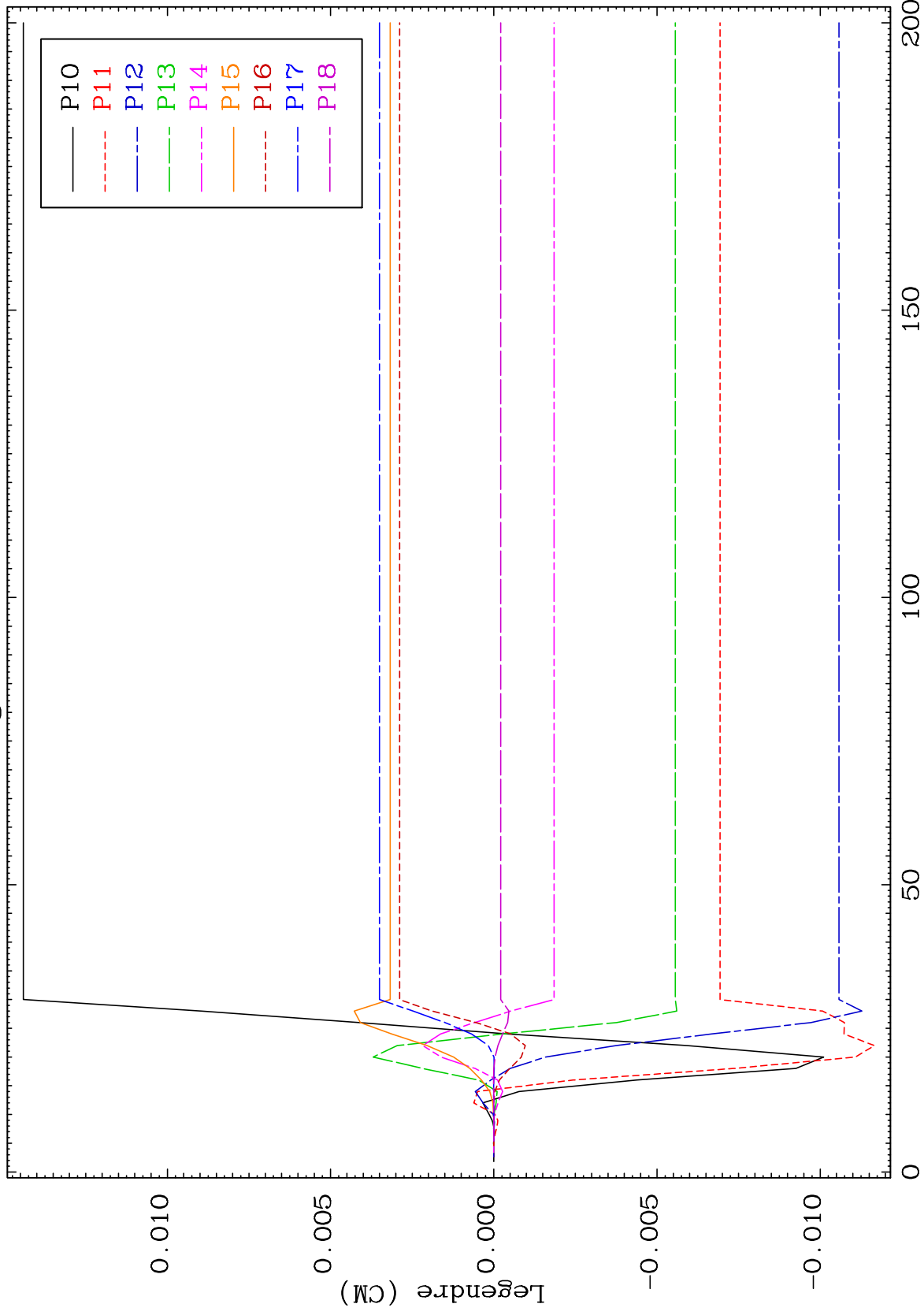
Incident Energy (MeV)

45

MAT 6992

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

70-Yb-157



46

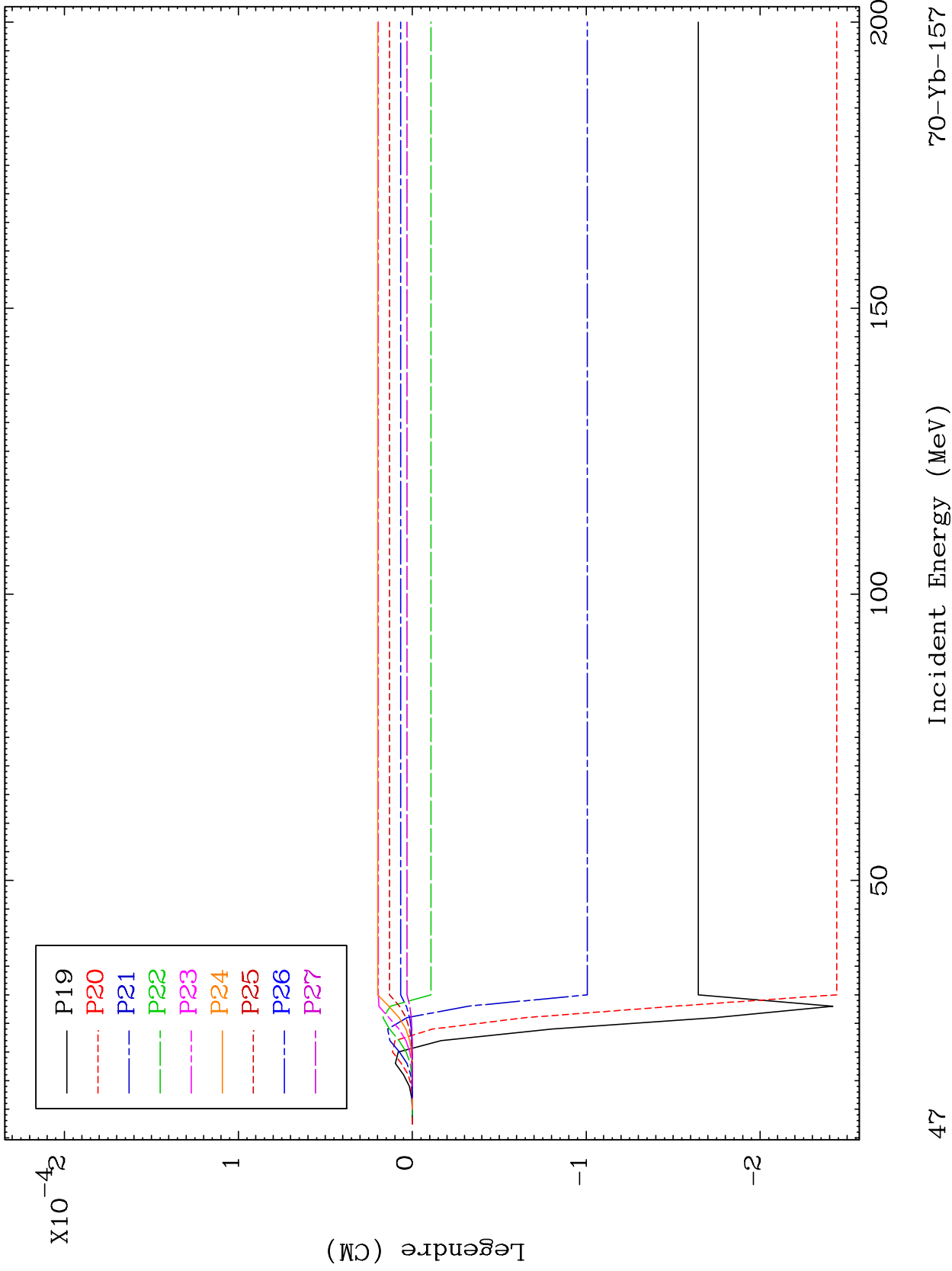
Incident Energy (MeV)

70-Yb-157

MAT 6992

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

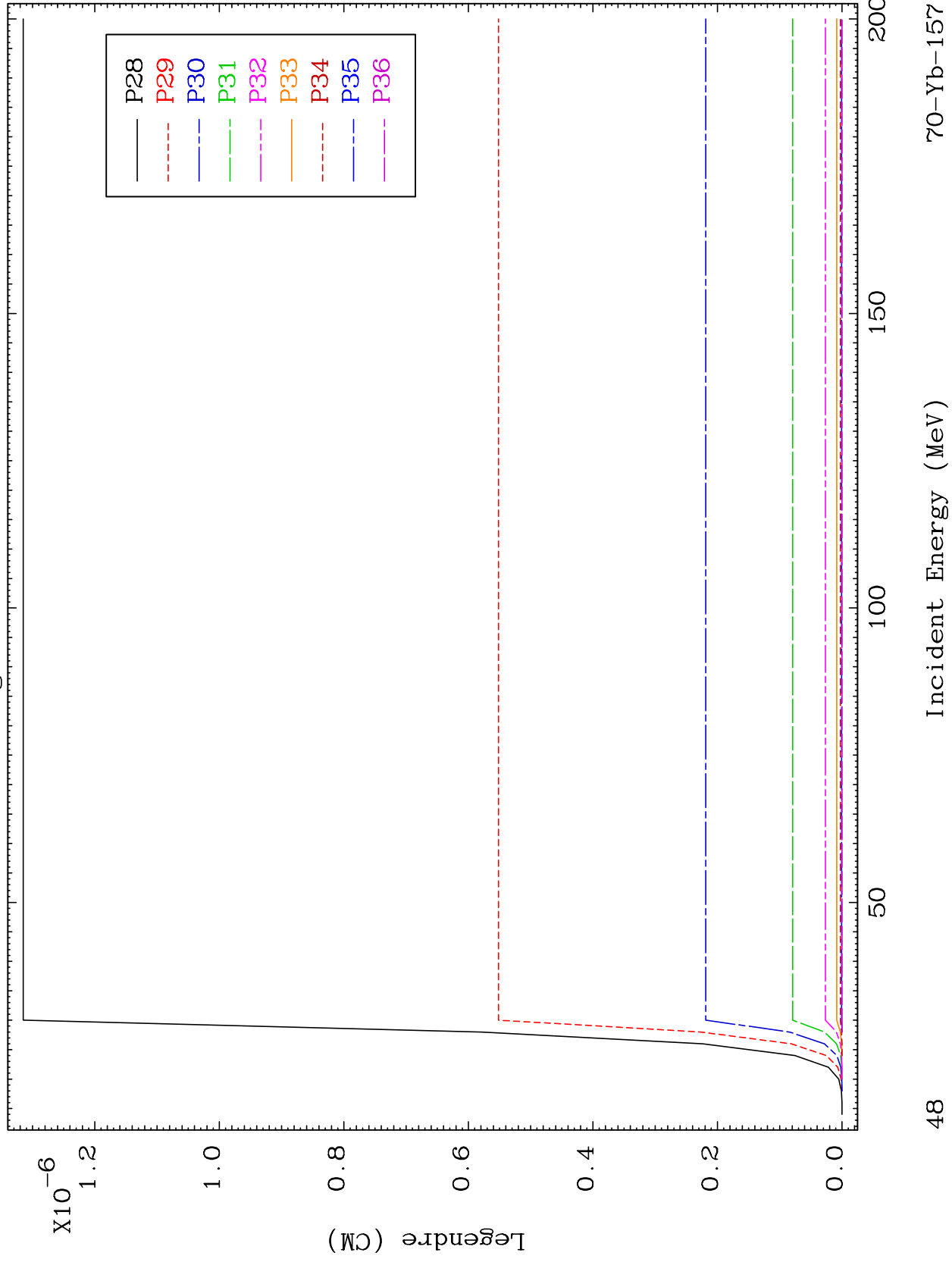
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MAT 6992

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

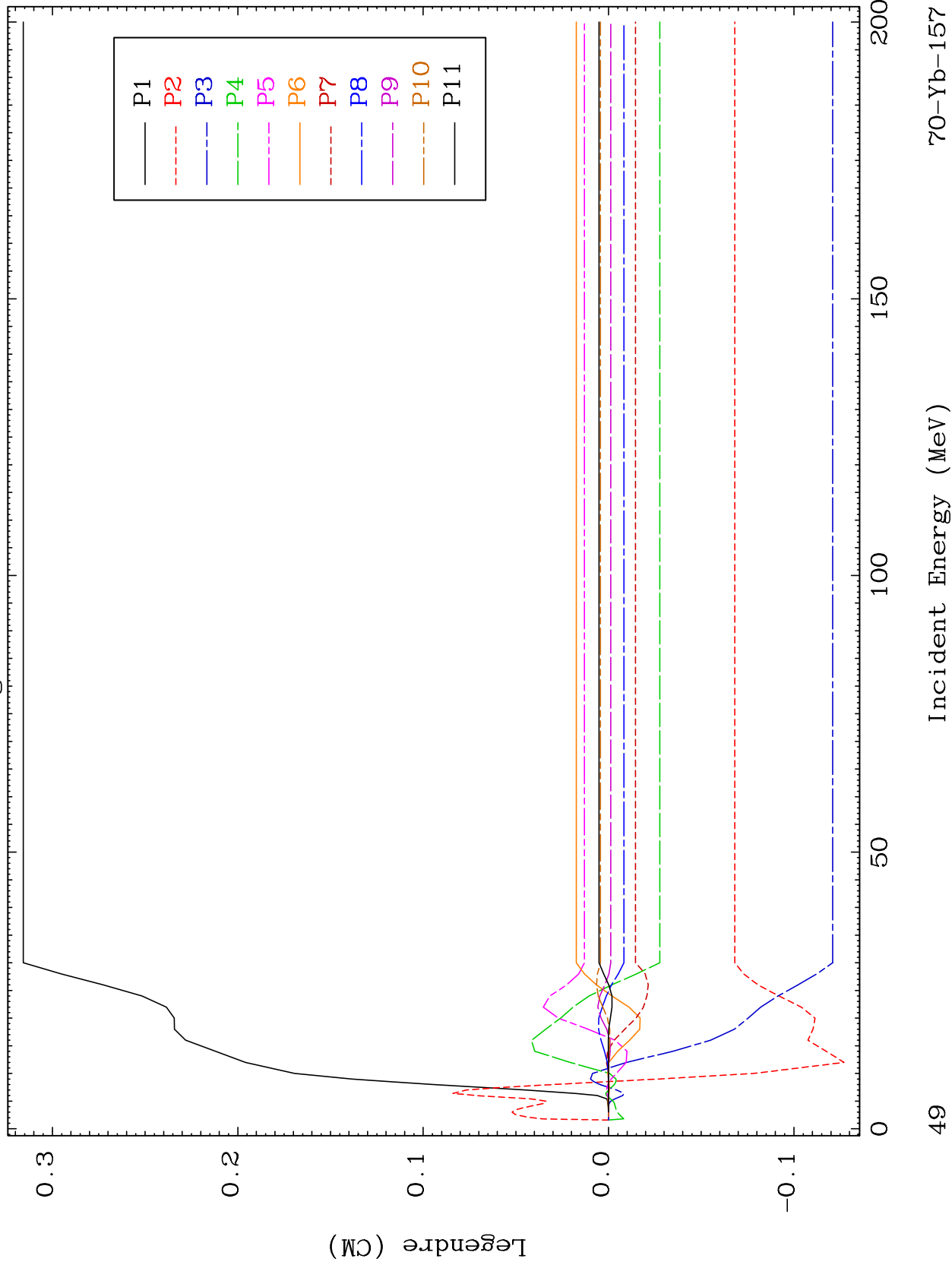
70-Yb-157



MAT 6992

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

70-Yb-157



70-Yb-157

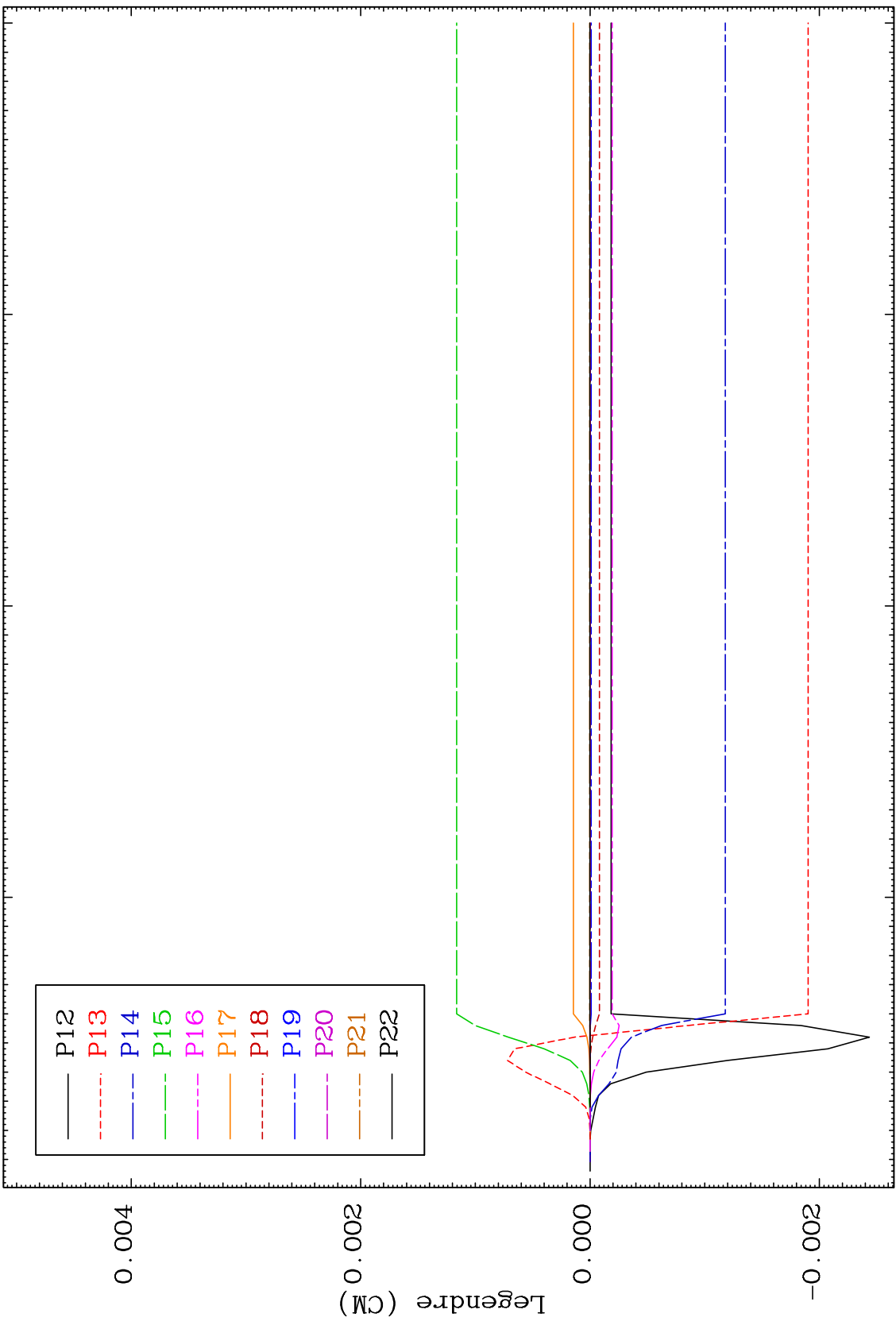
Incident Energy (MeV)

49

MAT 6992

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

70-Yb-157



50

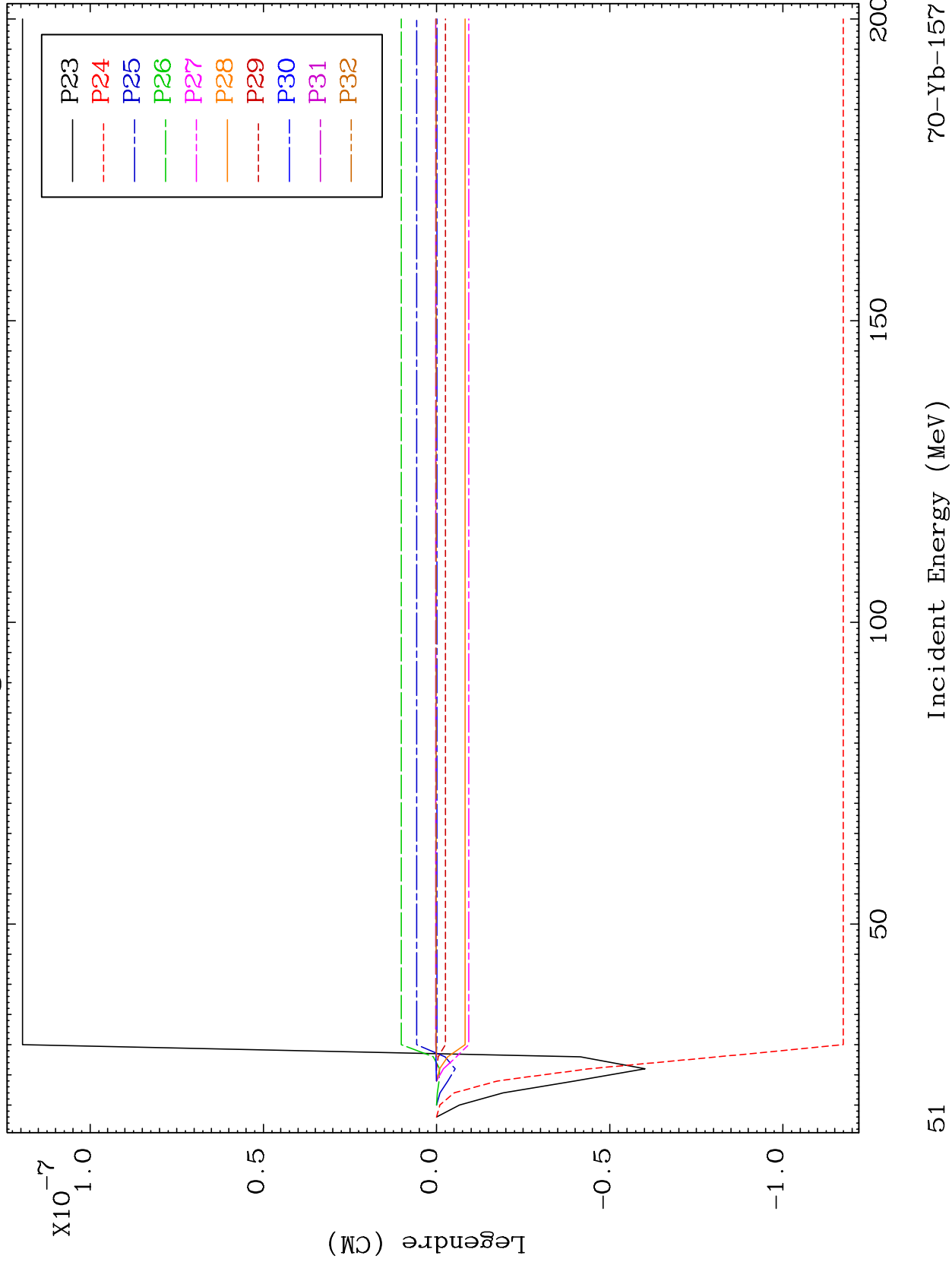
Incident Energy (MeV)

70-Yb-157

MAT 6992

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

70-Yb-157



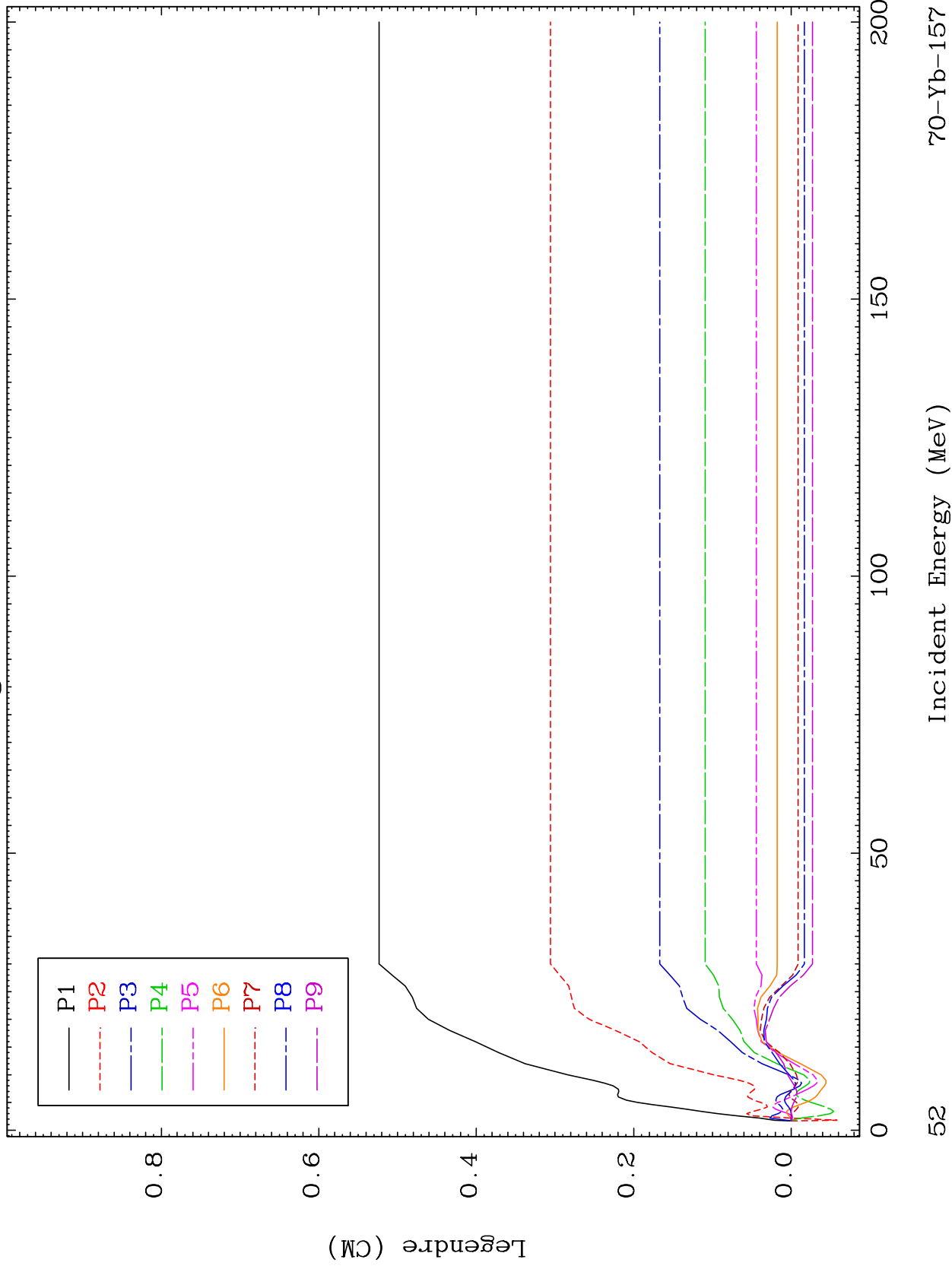
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70-Yb-157

MAT 6992

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

70-Yb-157



70-Yb-157

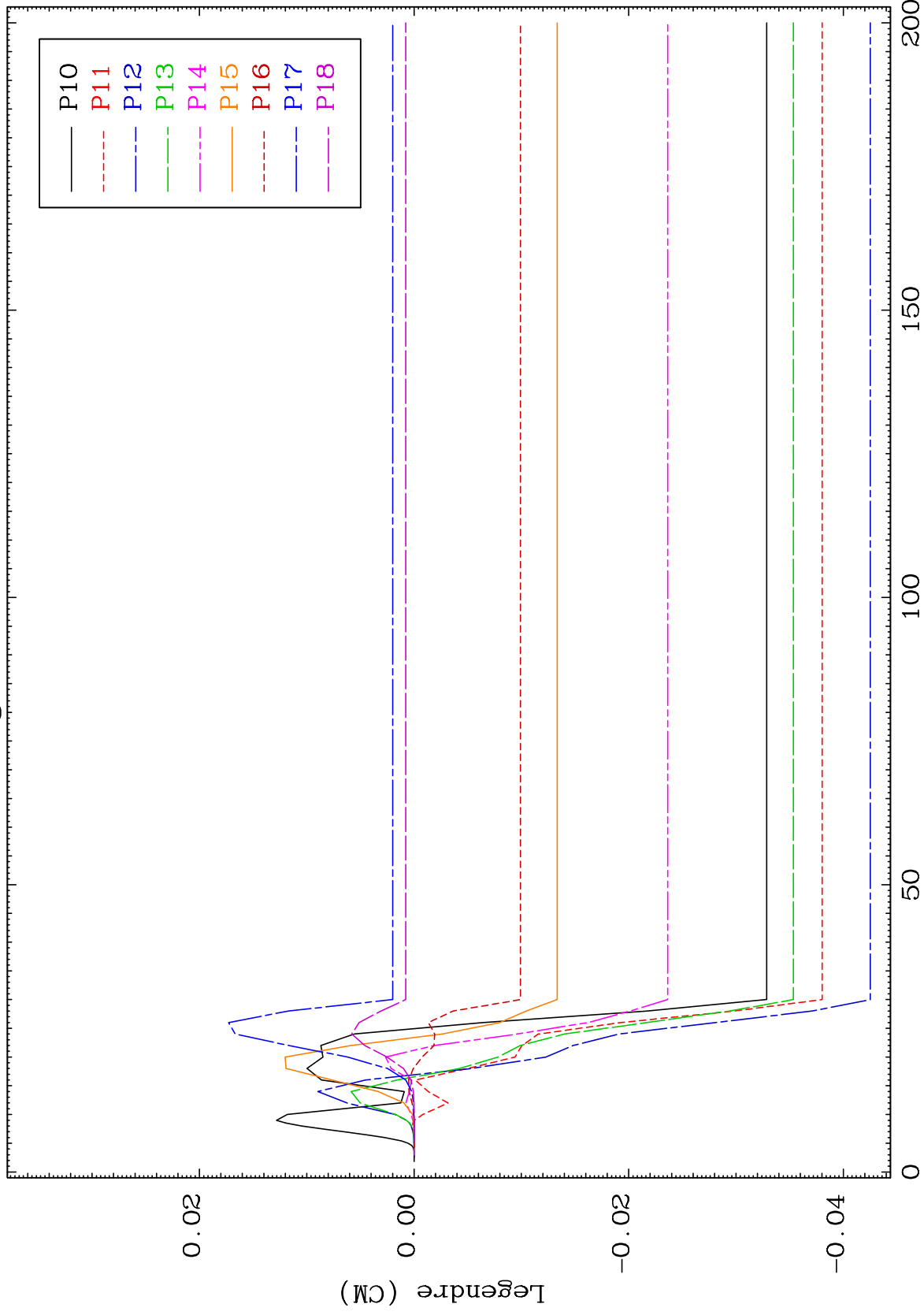
Incident Energy (MeV)

52

MAT 6992

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

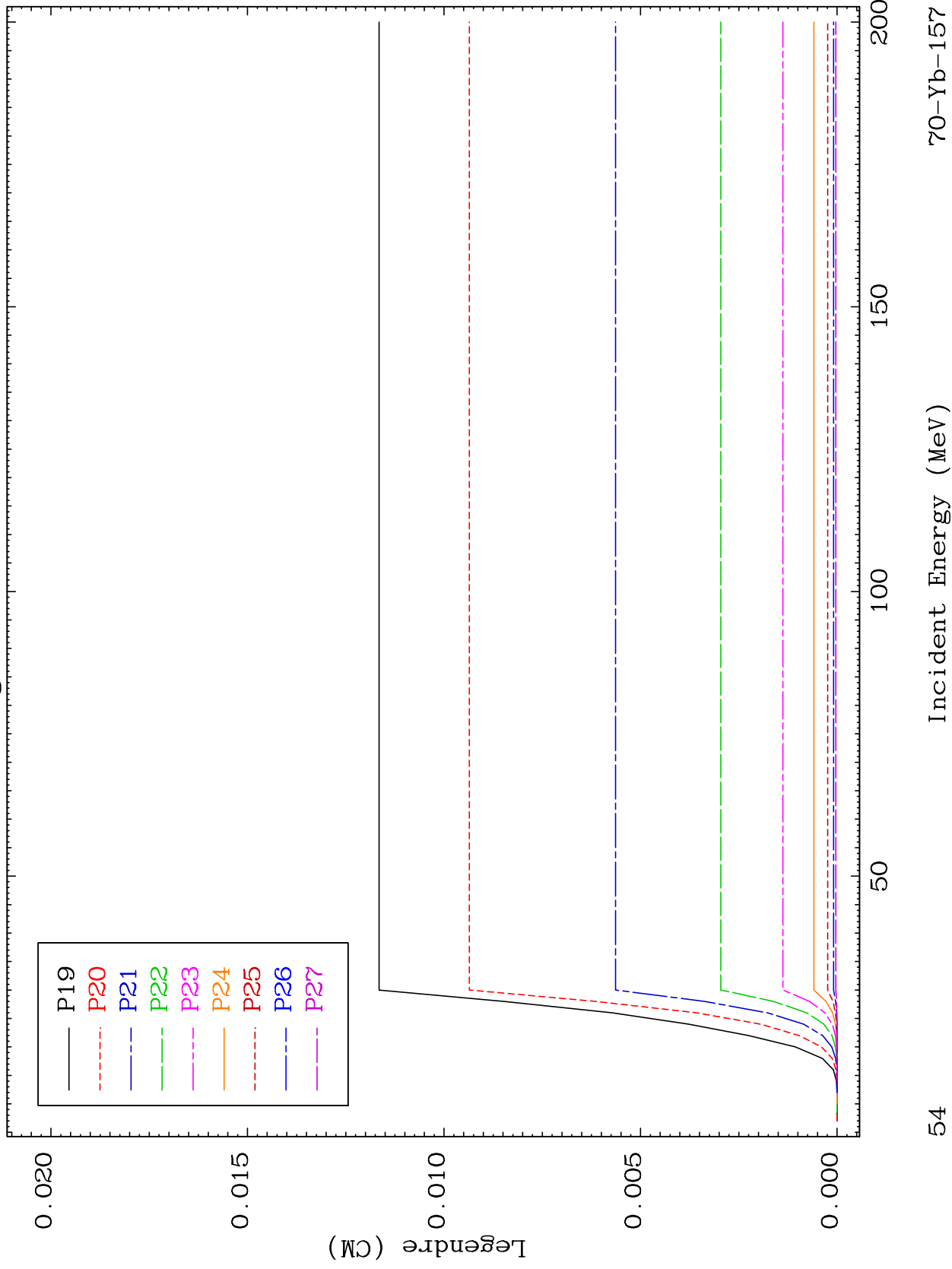
70-Yb-157



53

Incident Energy (MeV)

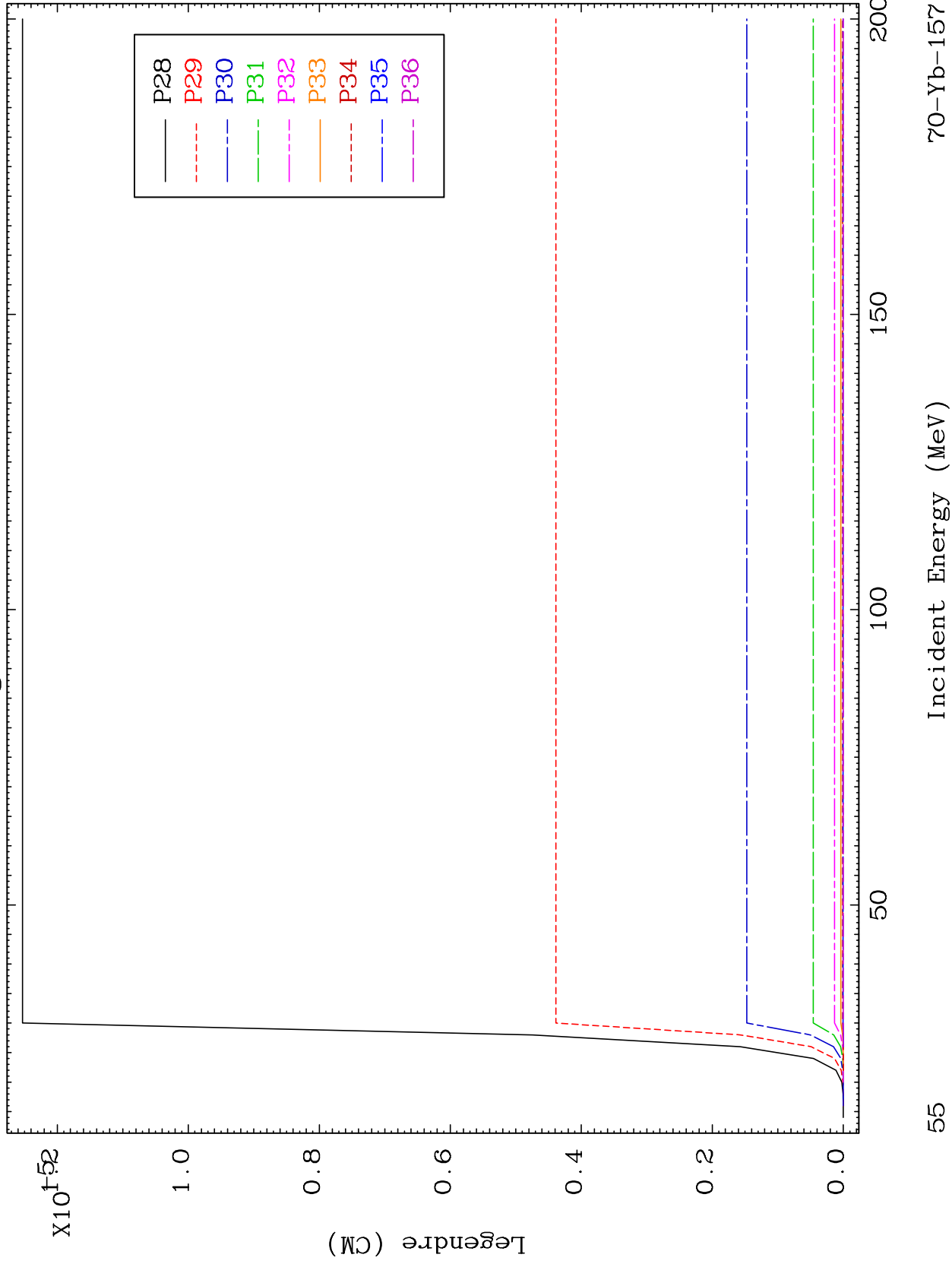
70-Yb-157



MAT 6992

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

70-Yb-157

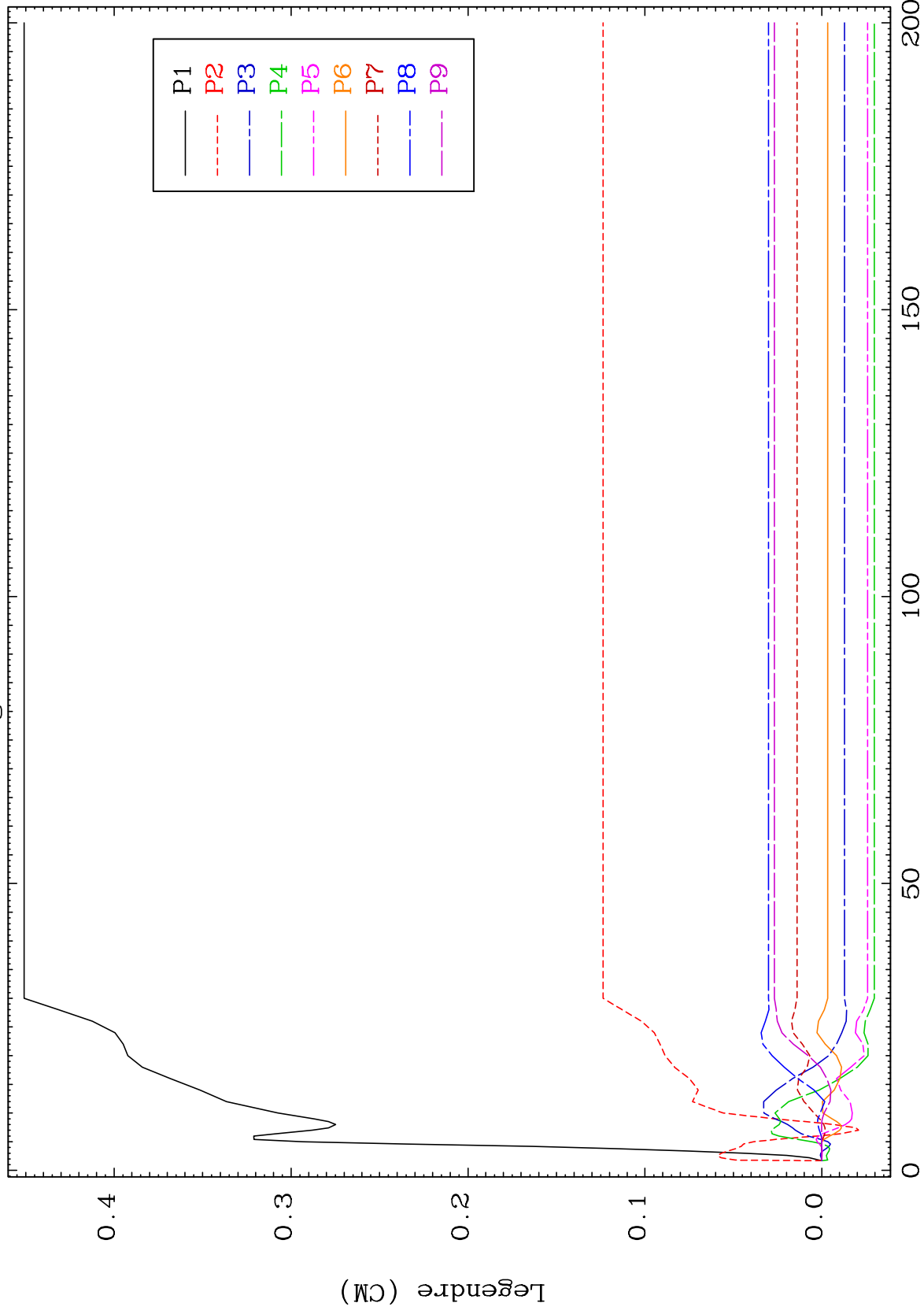


55

MAT 6992

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

70-Yb-157



56

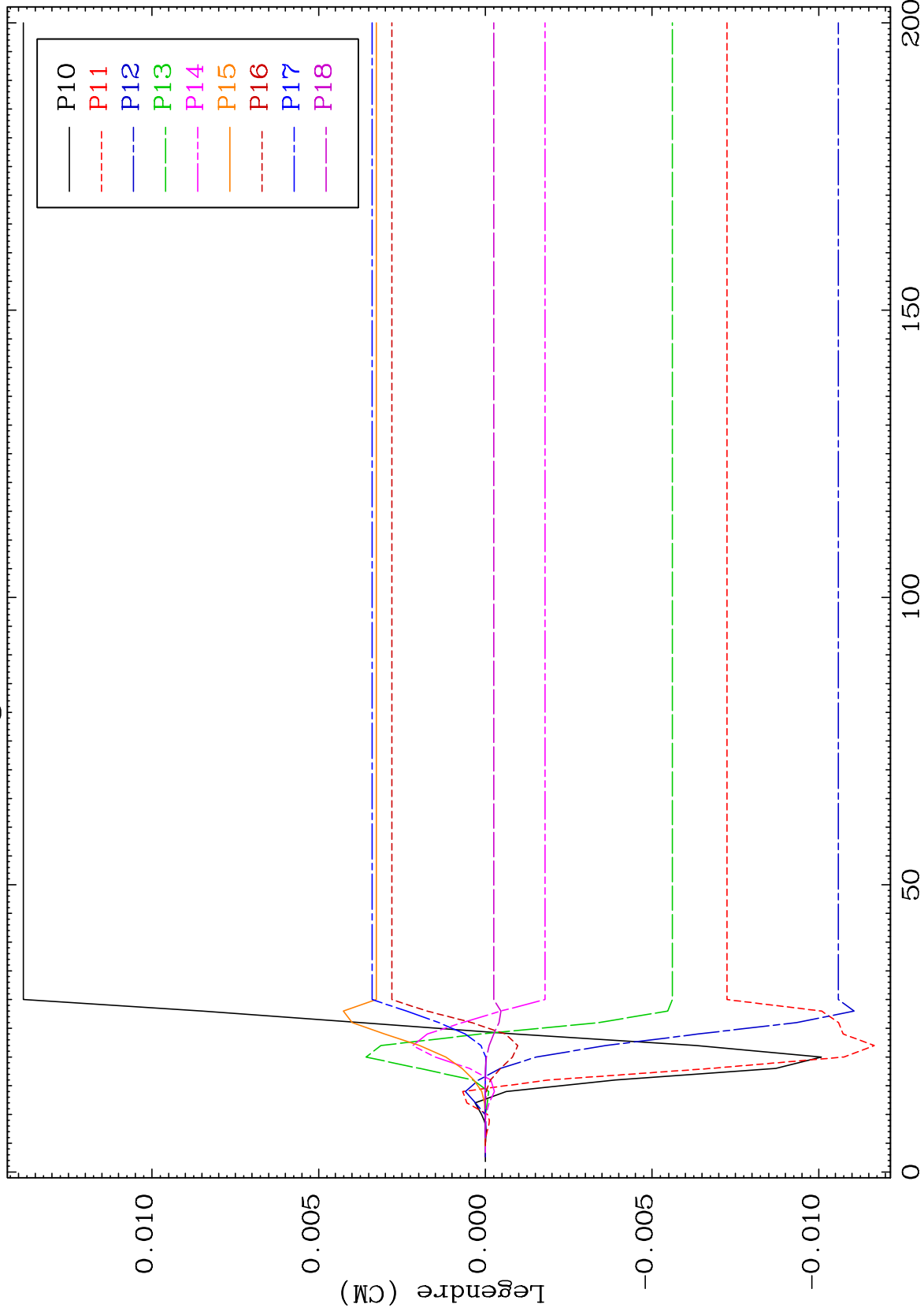
Incident Energy (MeV)

70-Yb-157

MAT 6992

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

70-Yb-157



57

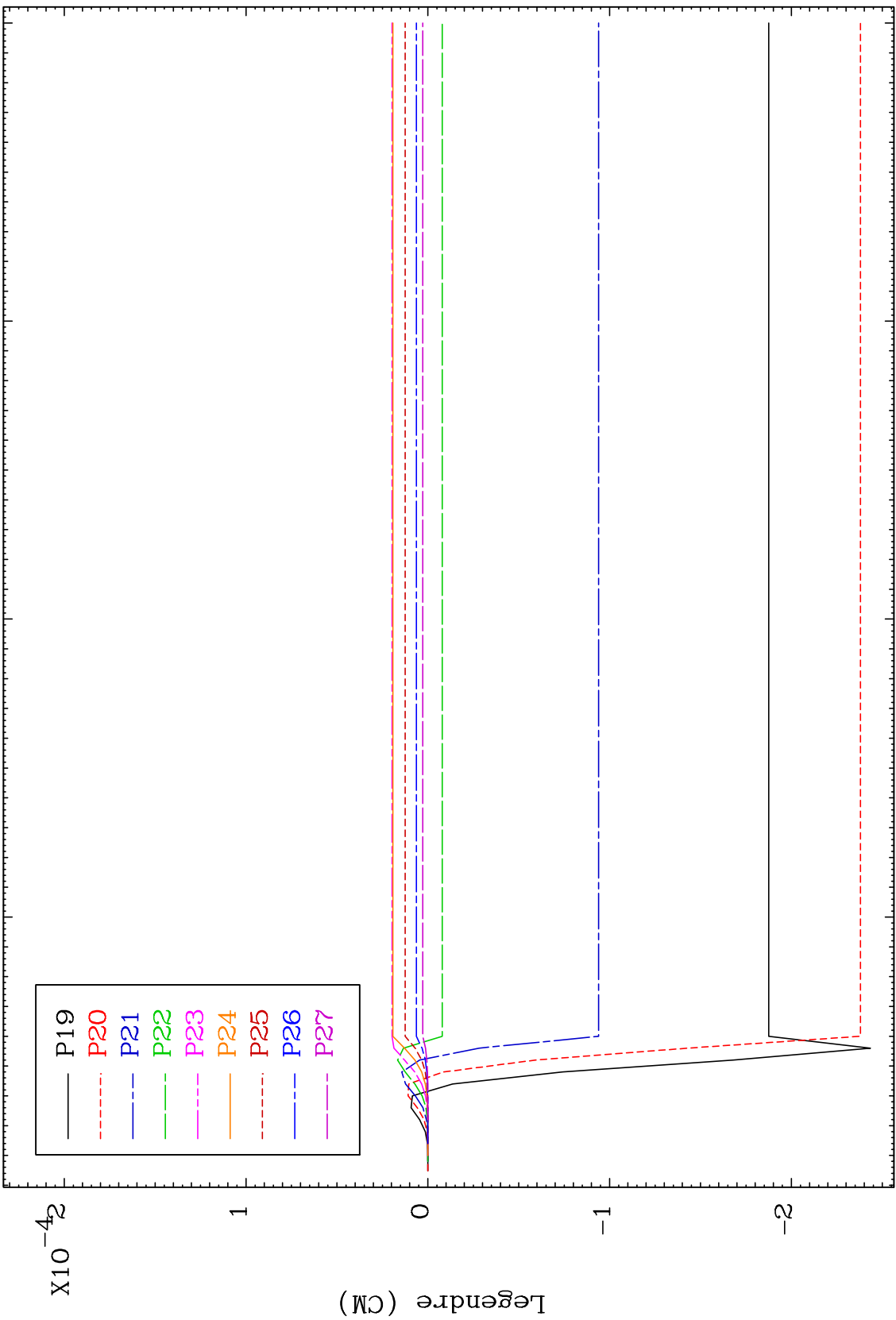
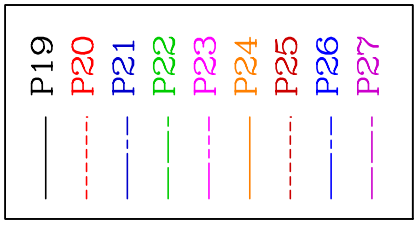
Incident Energy (MeV)

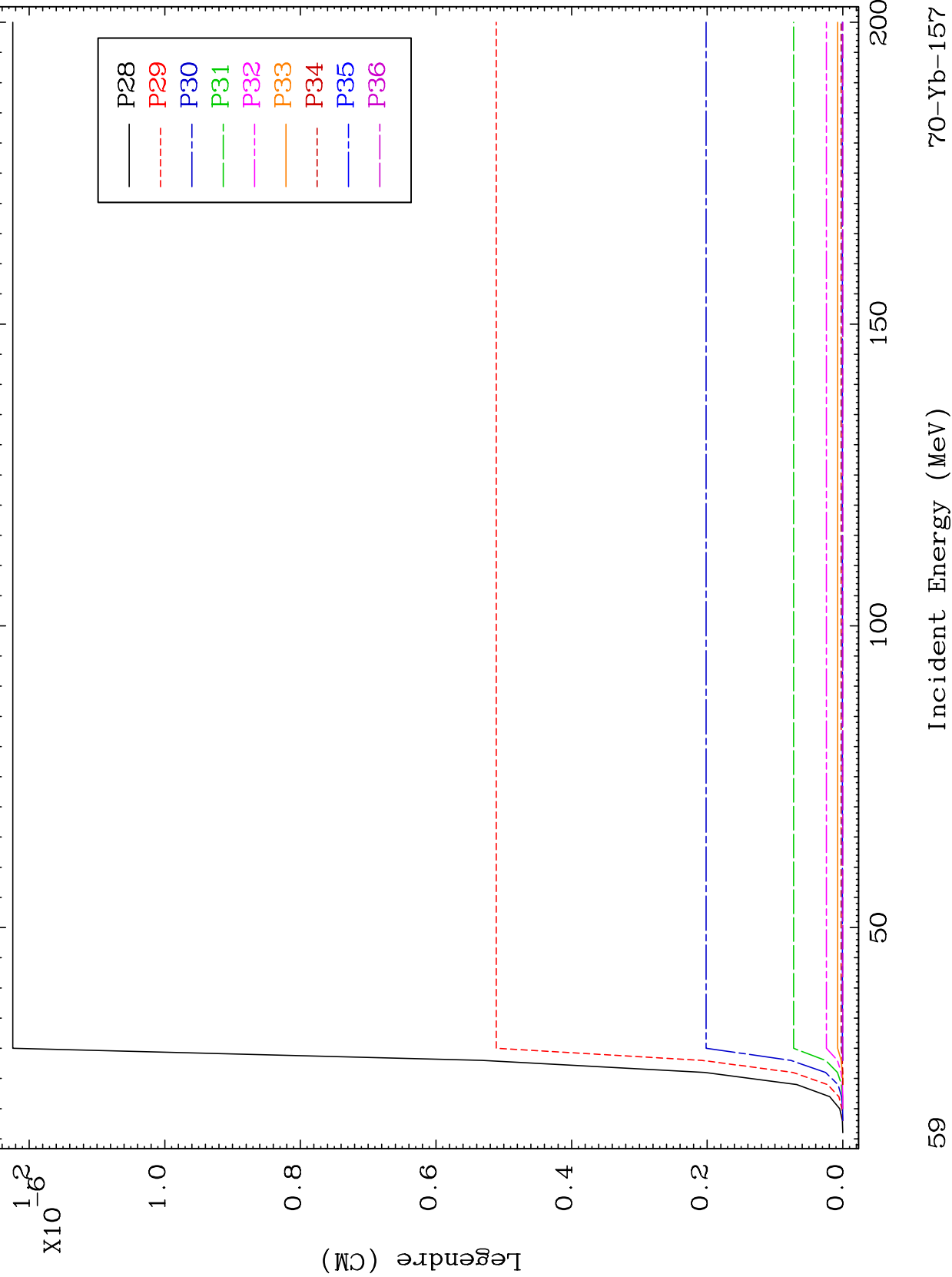
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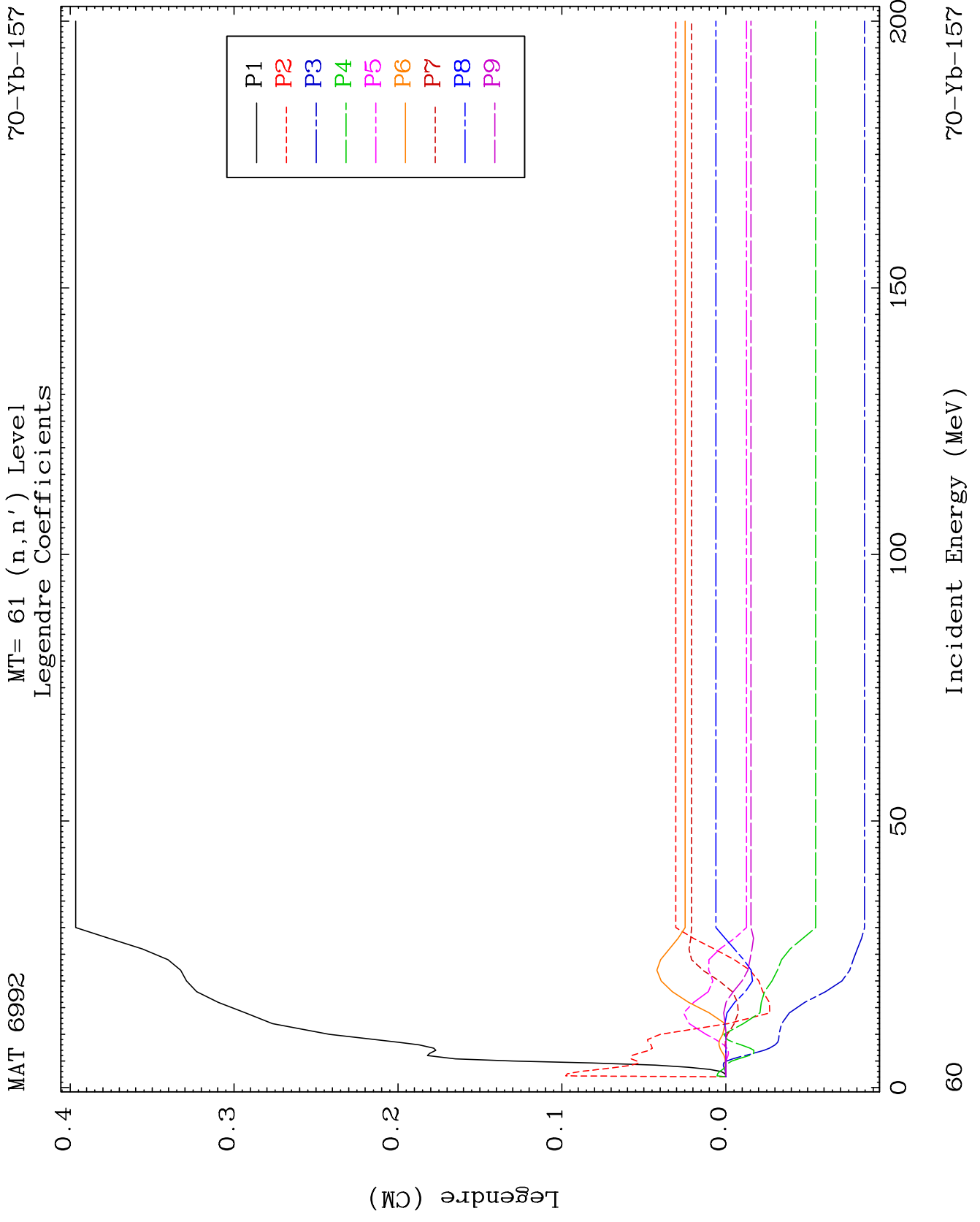
MAT 6992

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

70-Yb-157



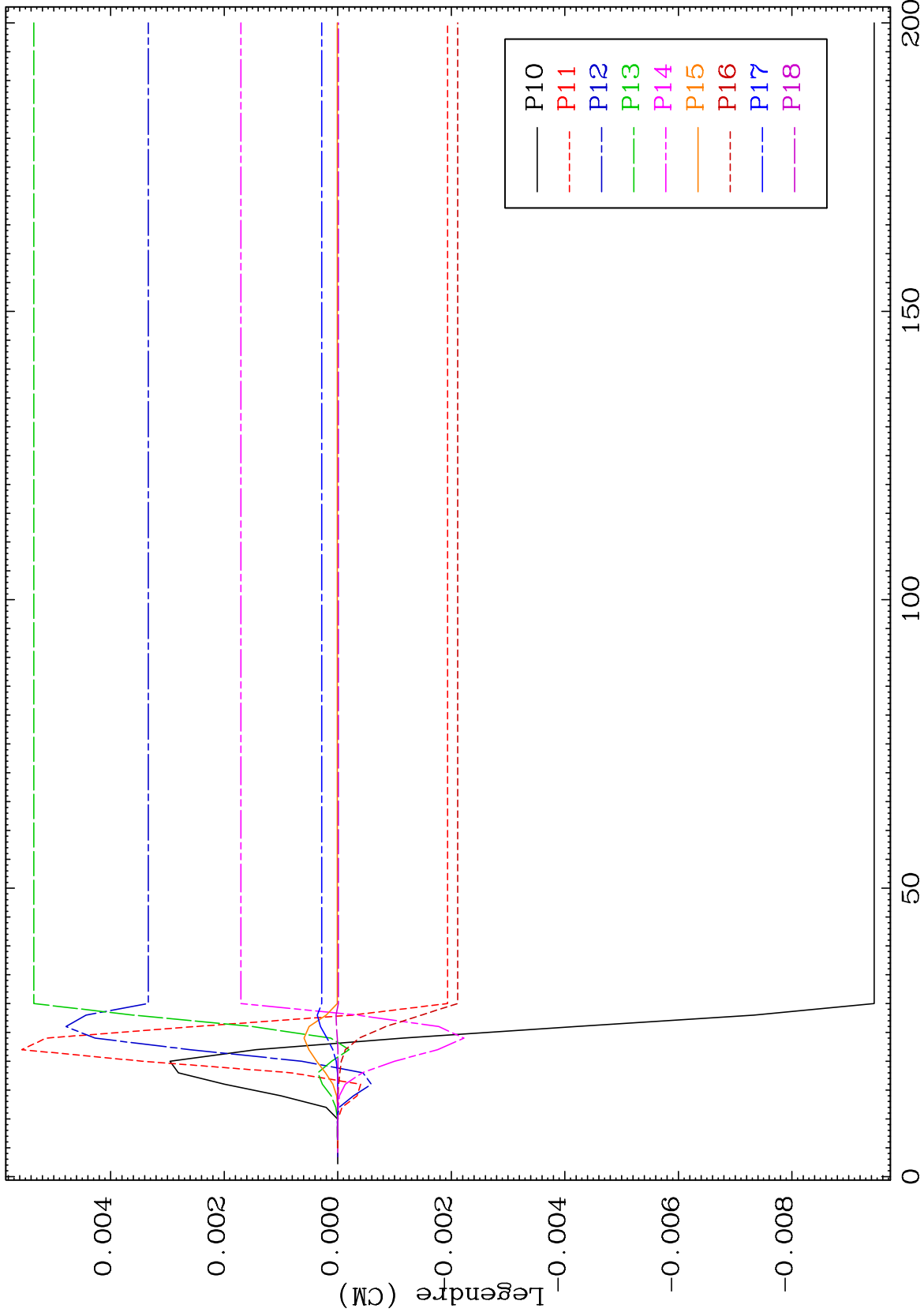




MAT 6992

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

70-Yb-157



61

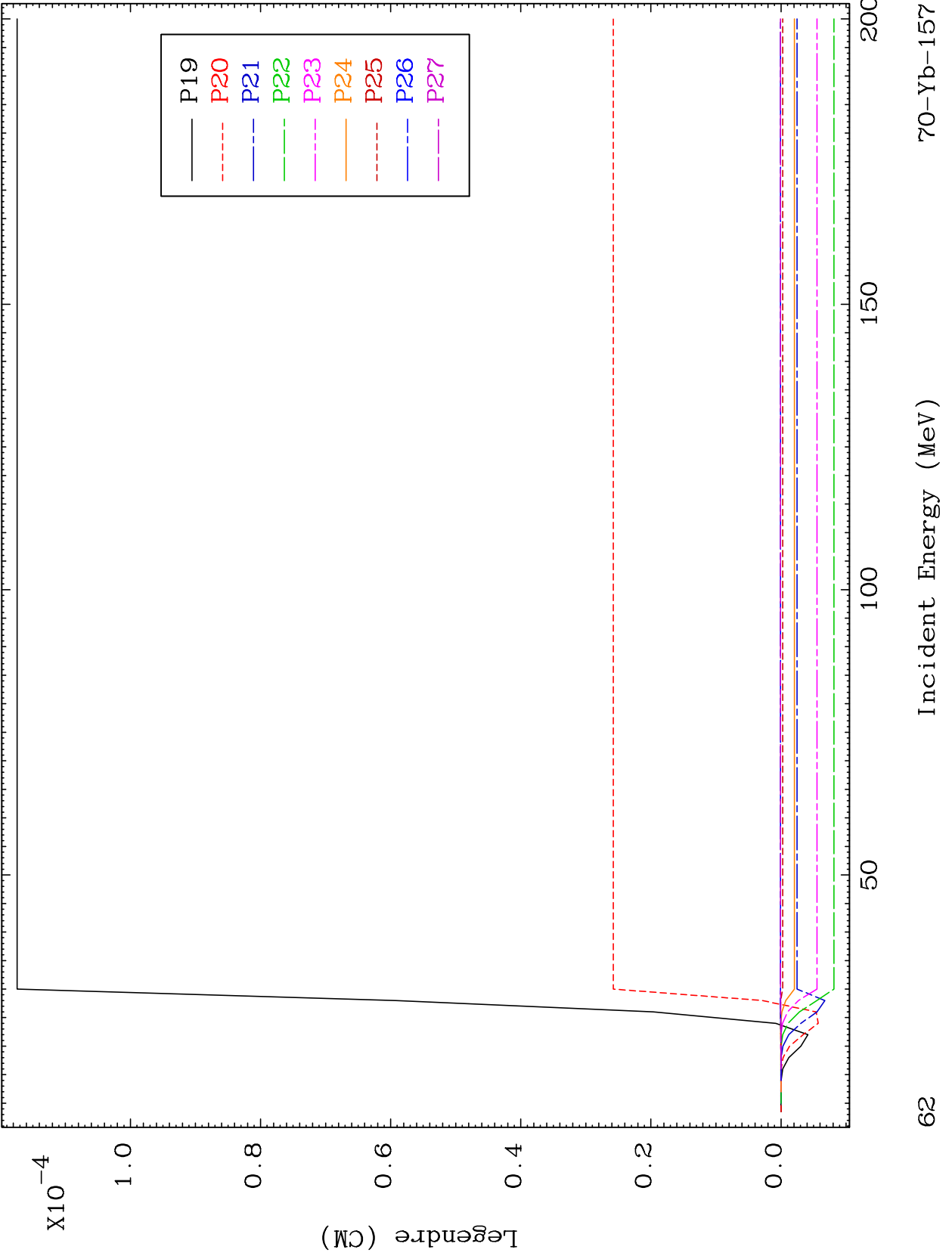
Incident Energy (MeV)

70-Yb-157

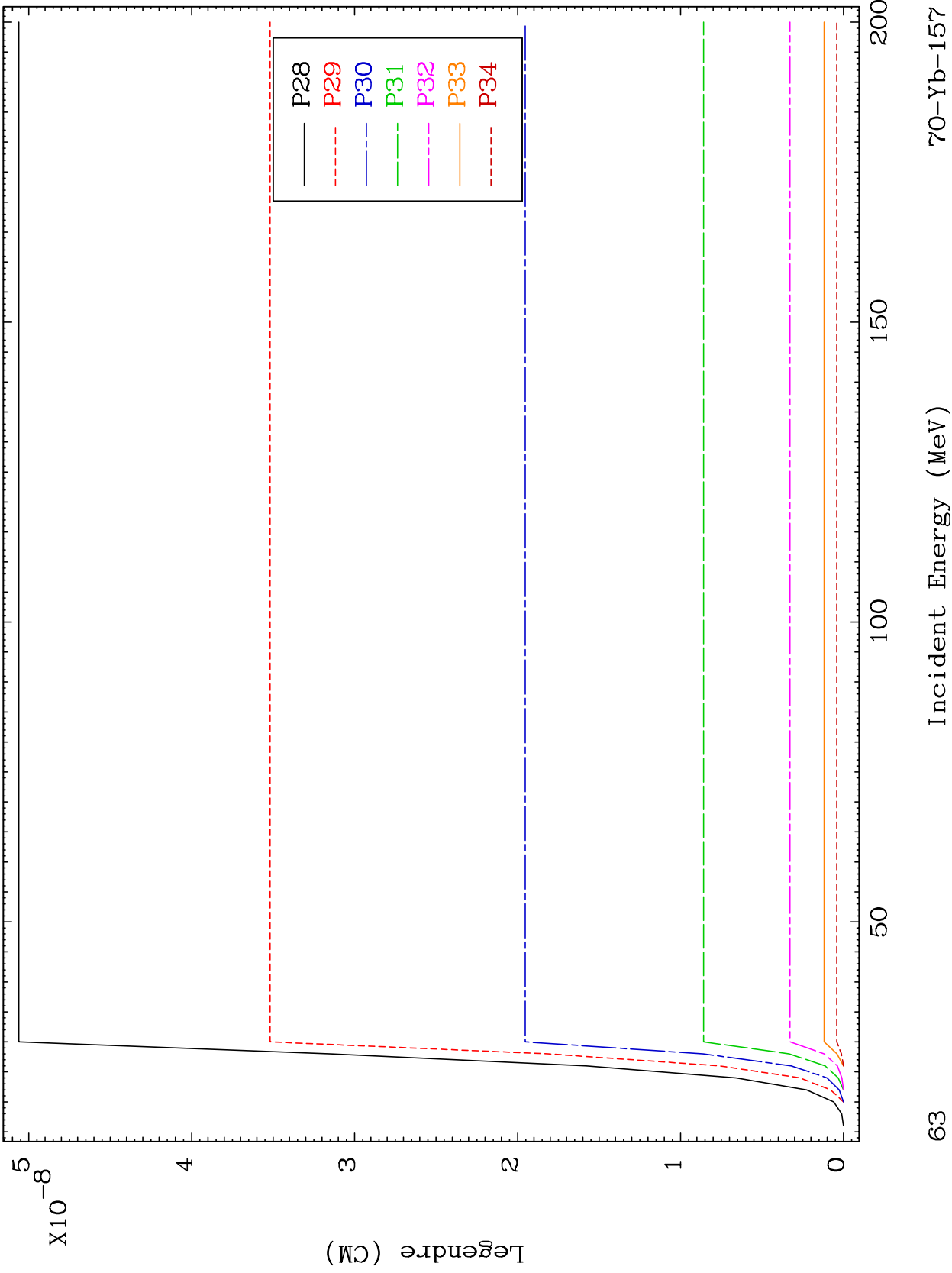
MAT 6992

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

70-Yb-157



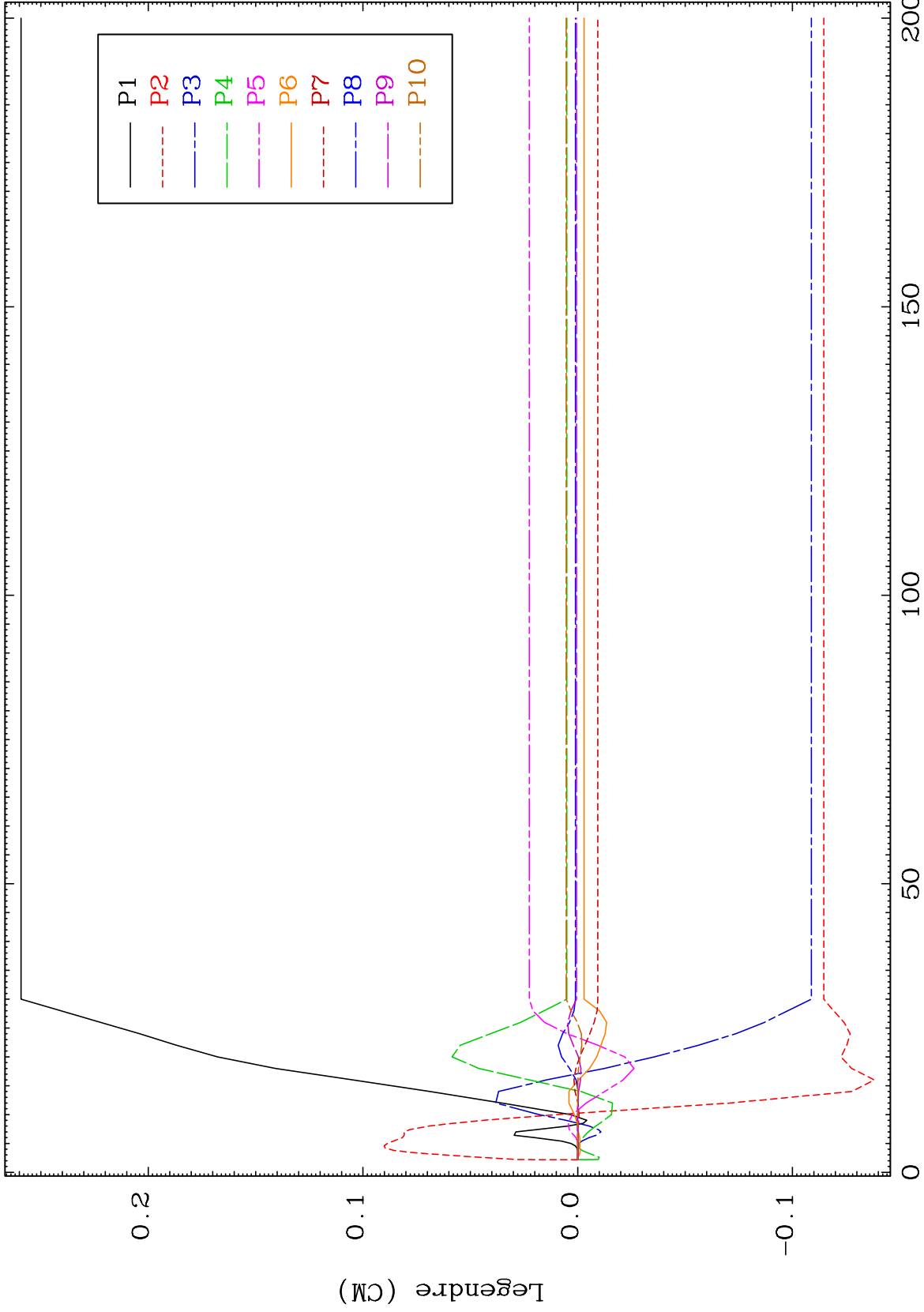
62



MAT 6992

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

70-Yb-157



64

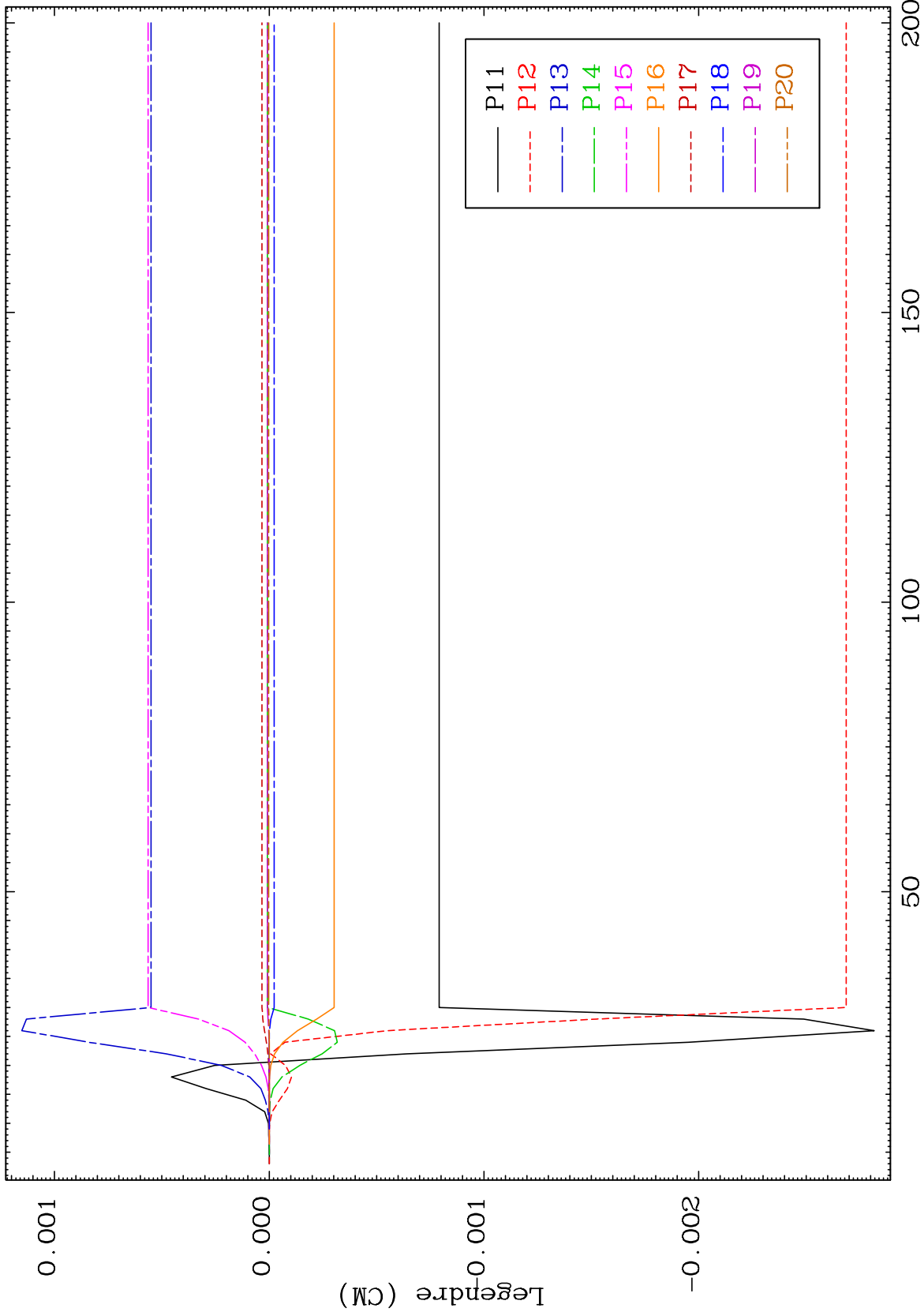
Incident Energy (MeV)

70-Yb-157

MAT 6992

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

70-Yb-157



65

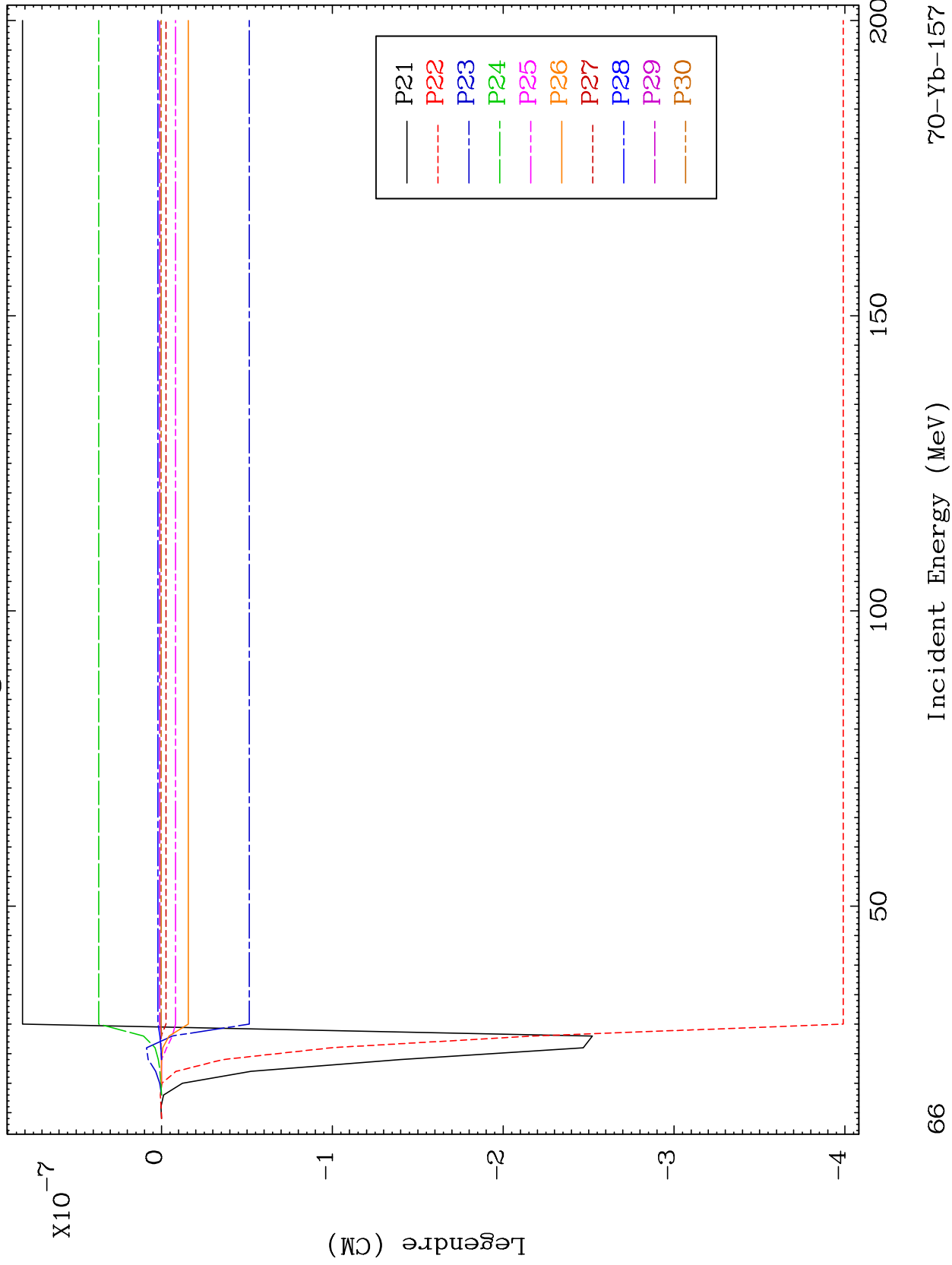
Incident Energy (MeV)

70-Yb-157

MAT 6992

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

70-Yb-157



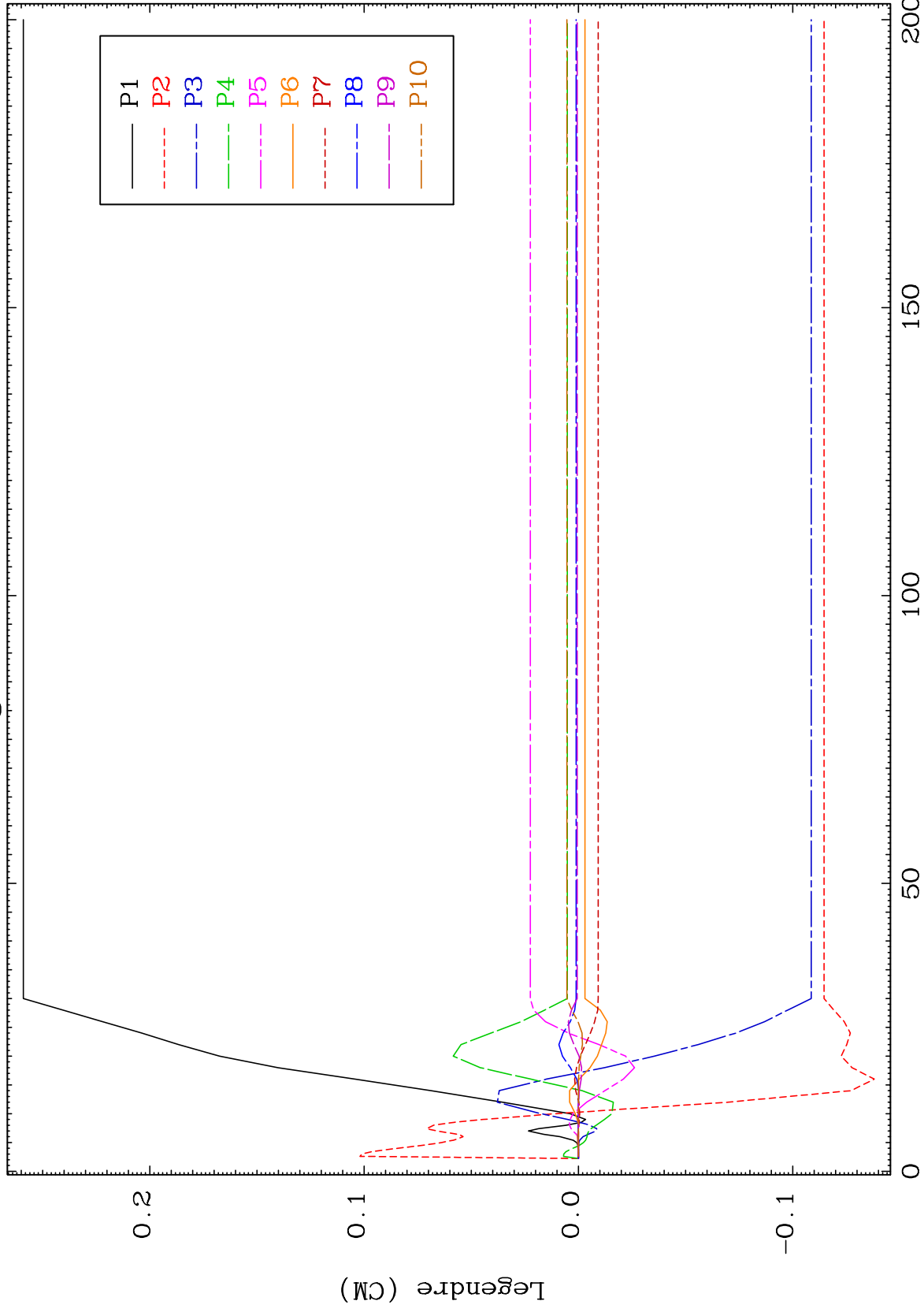
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70-Yb-157

MAT 6992

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

70-Yb-157



67

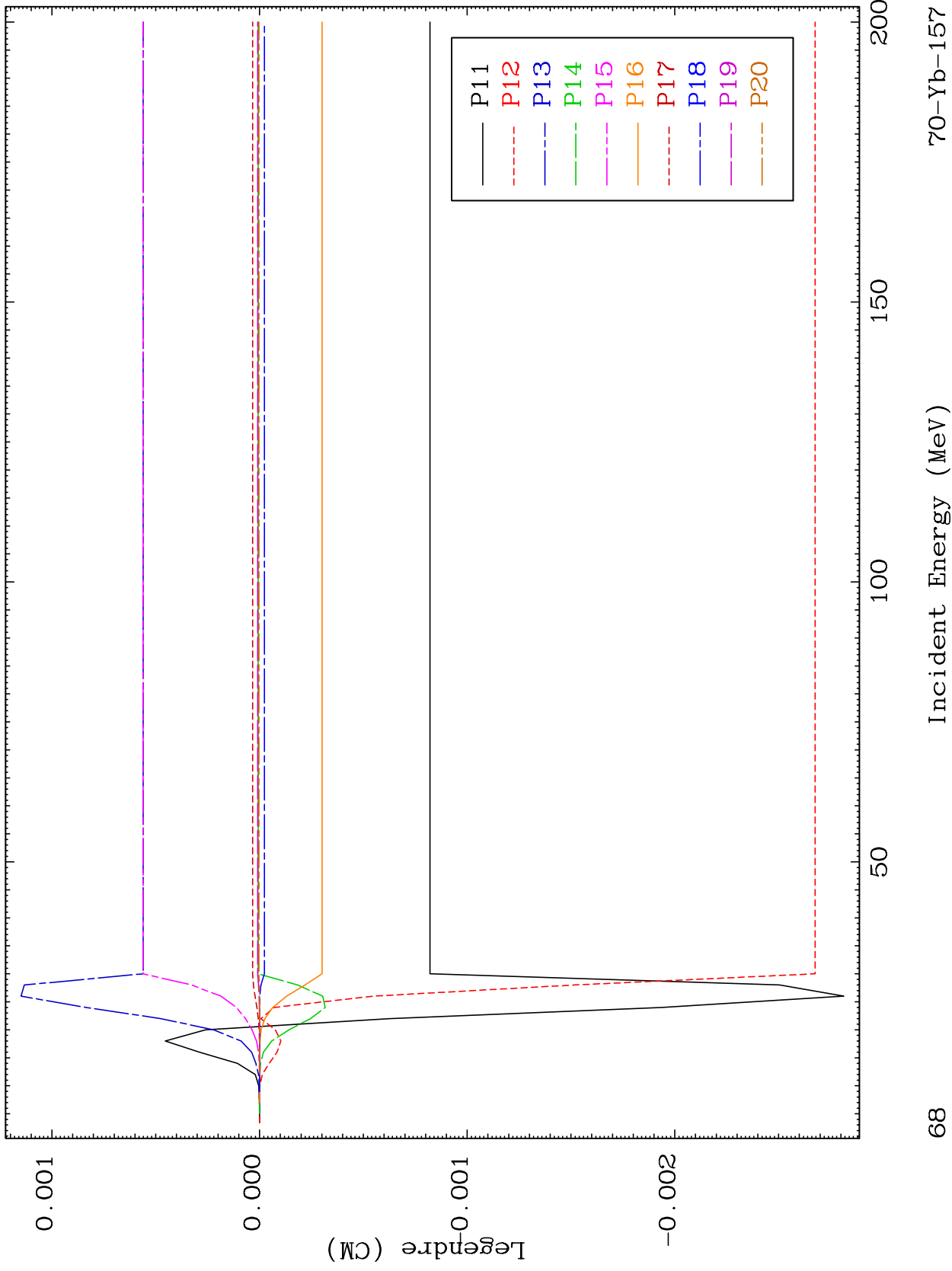
Incident Energy (MeV)

70-Yb-157

MAT 6992

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

70-Yb-157



68

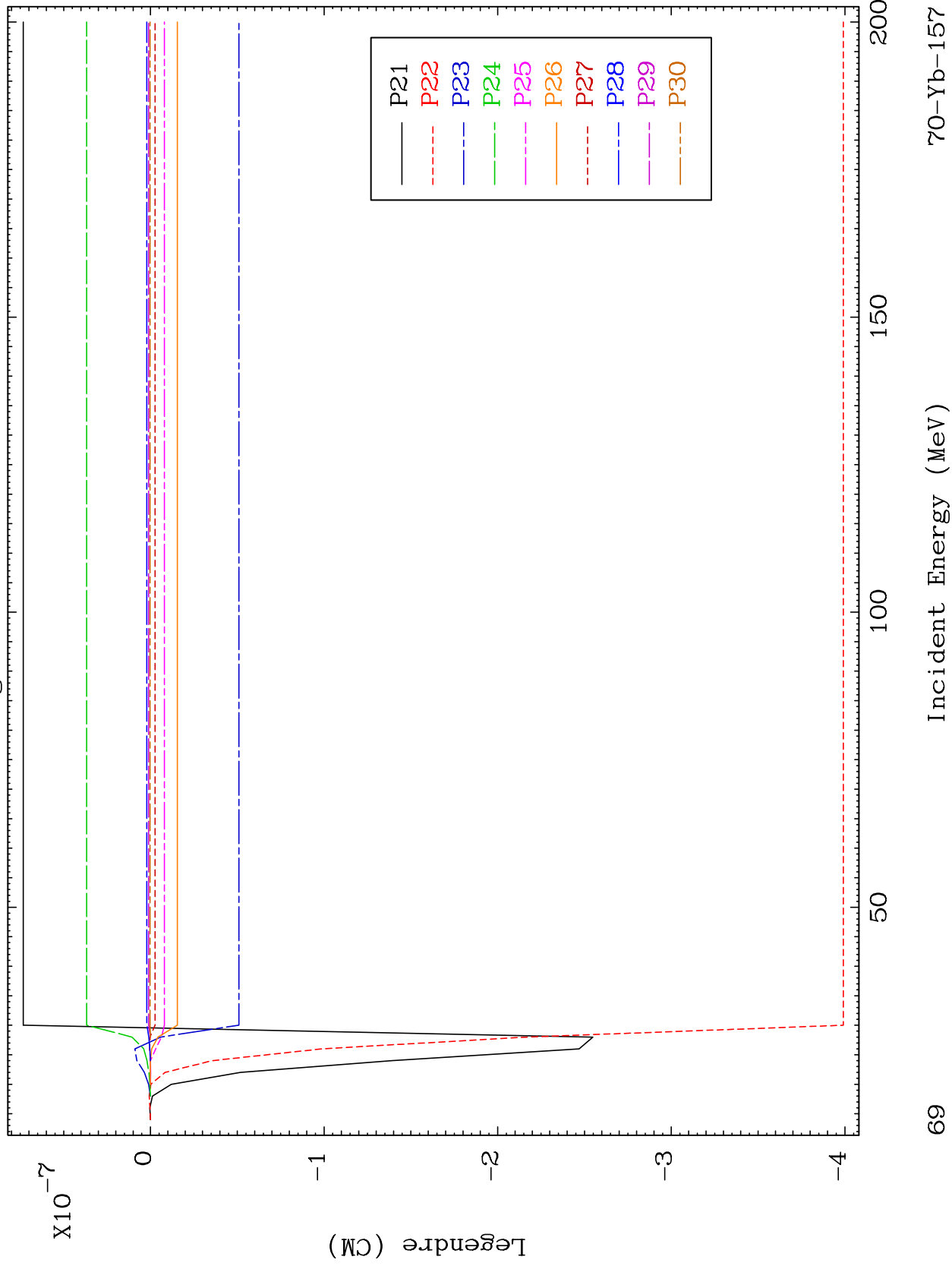
Incident Energy (MeV)

70-Yb-157

MAT 6992

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

70-Yb-157



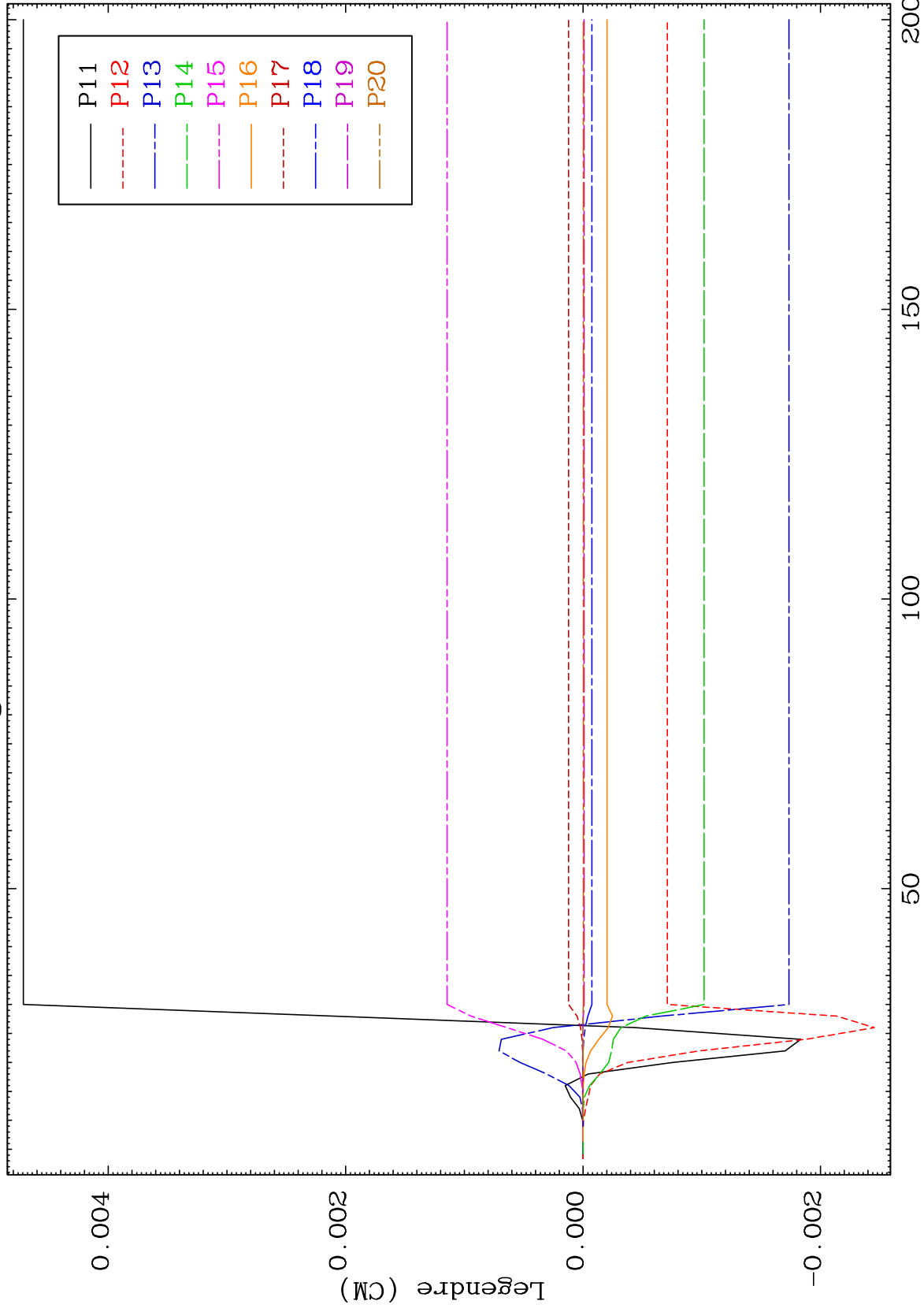
69

70-Yb-157

MAT 6992

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

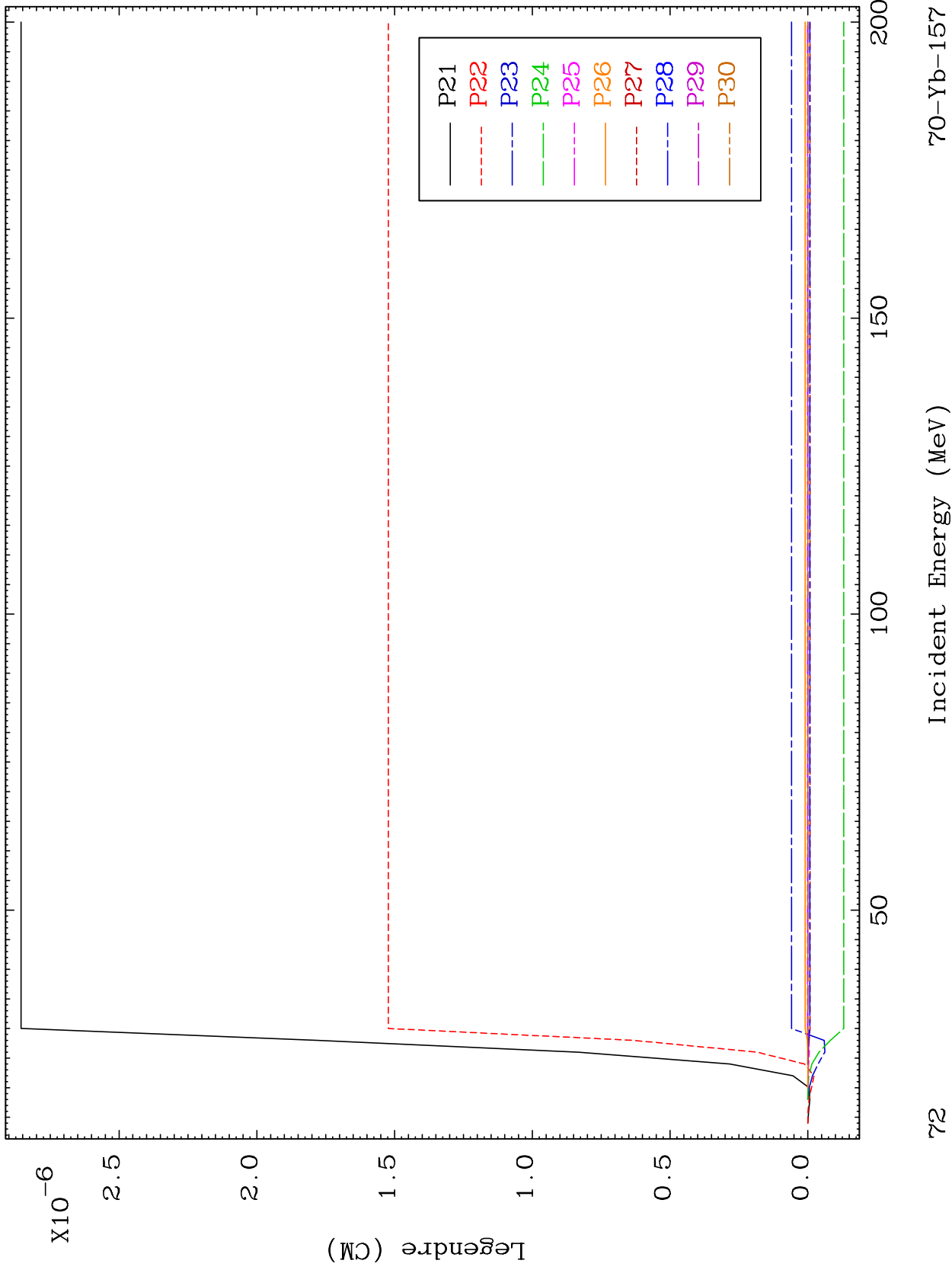
70-Yb-157



71

Incident Energy (MeV)

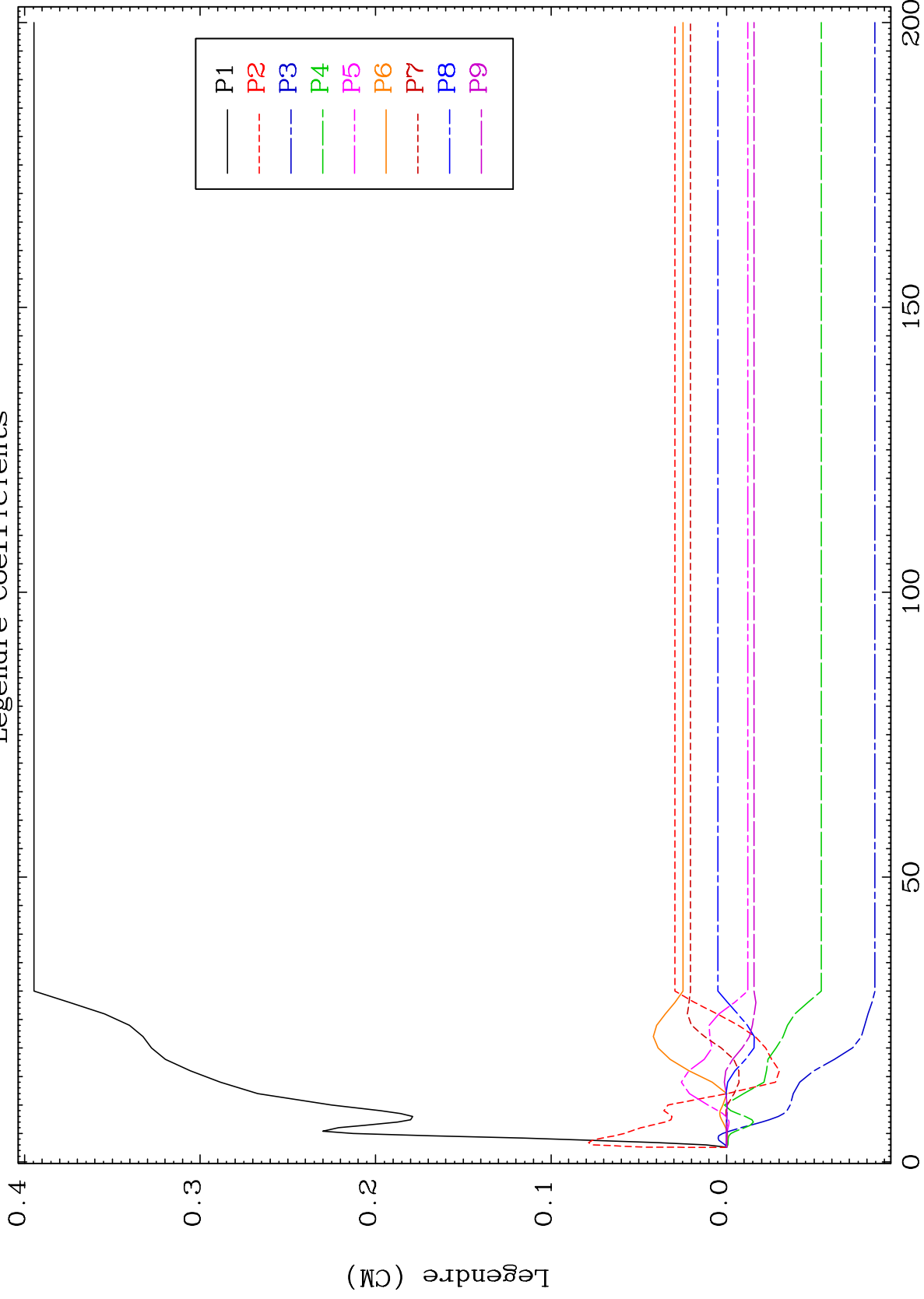
70-Yb-157



MAT 6992

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

70-Yb-157



73

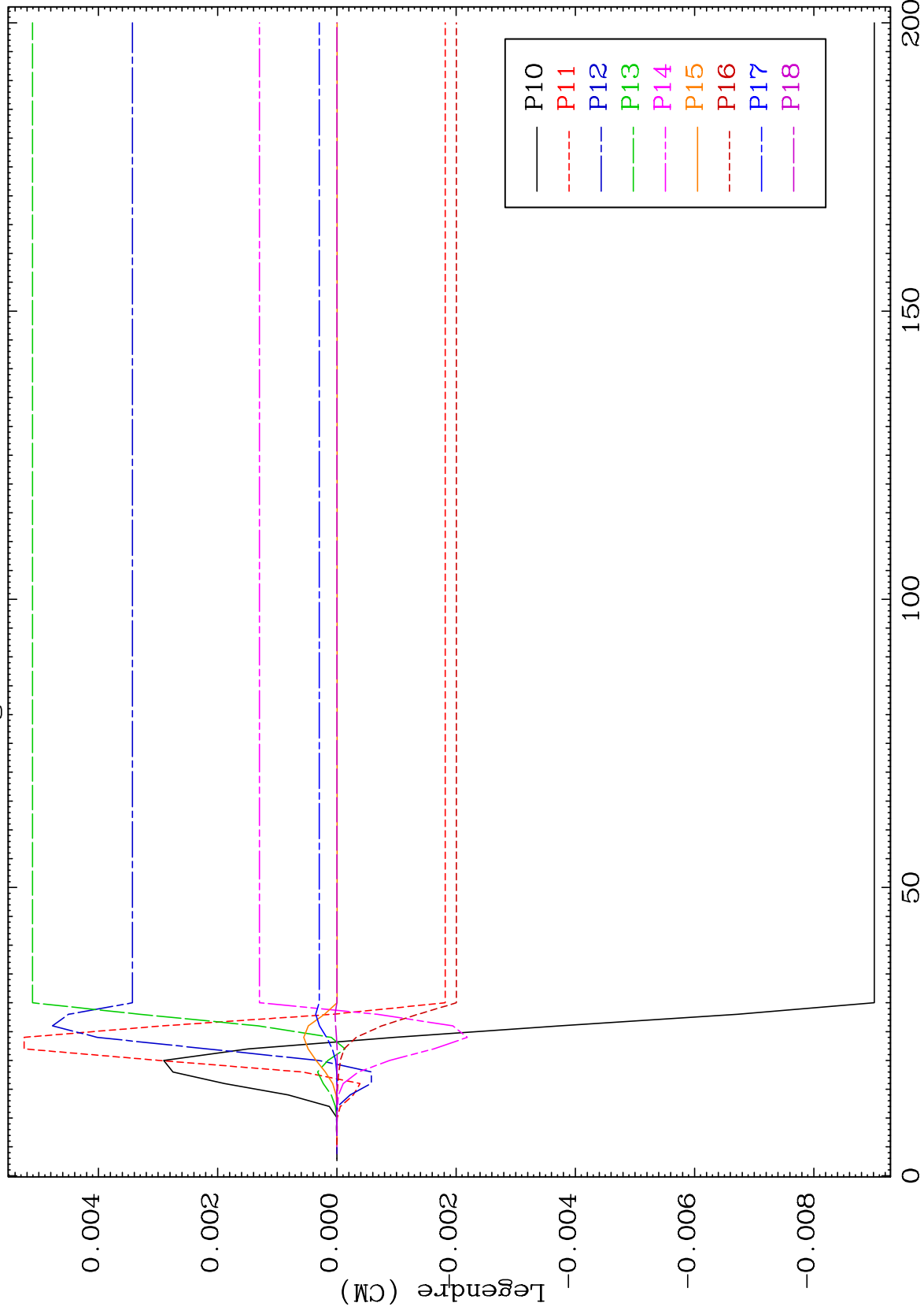
Incident Energy (MeV)

70-Yb-157

MAT 6992

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

70-Yb-157



74

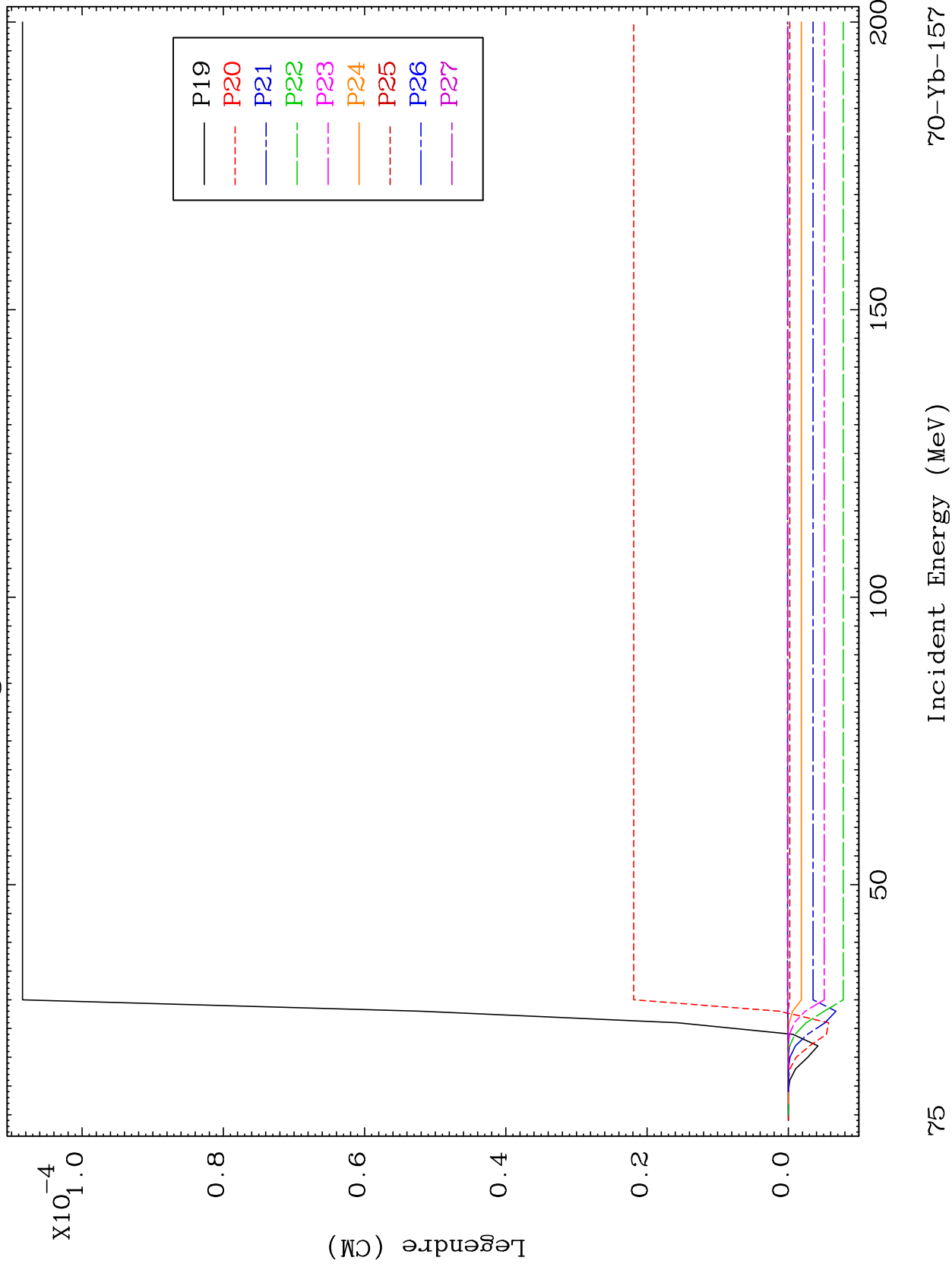
Incident Energy (MeV)

70-Yb-157

MAT 6992

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

70-Yb-157



75

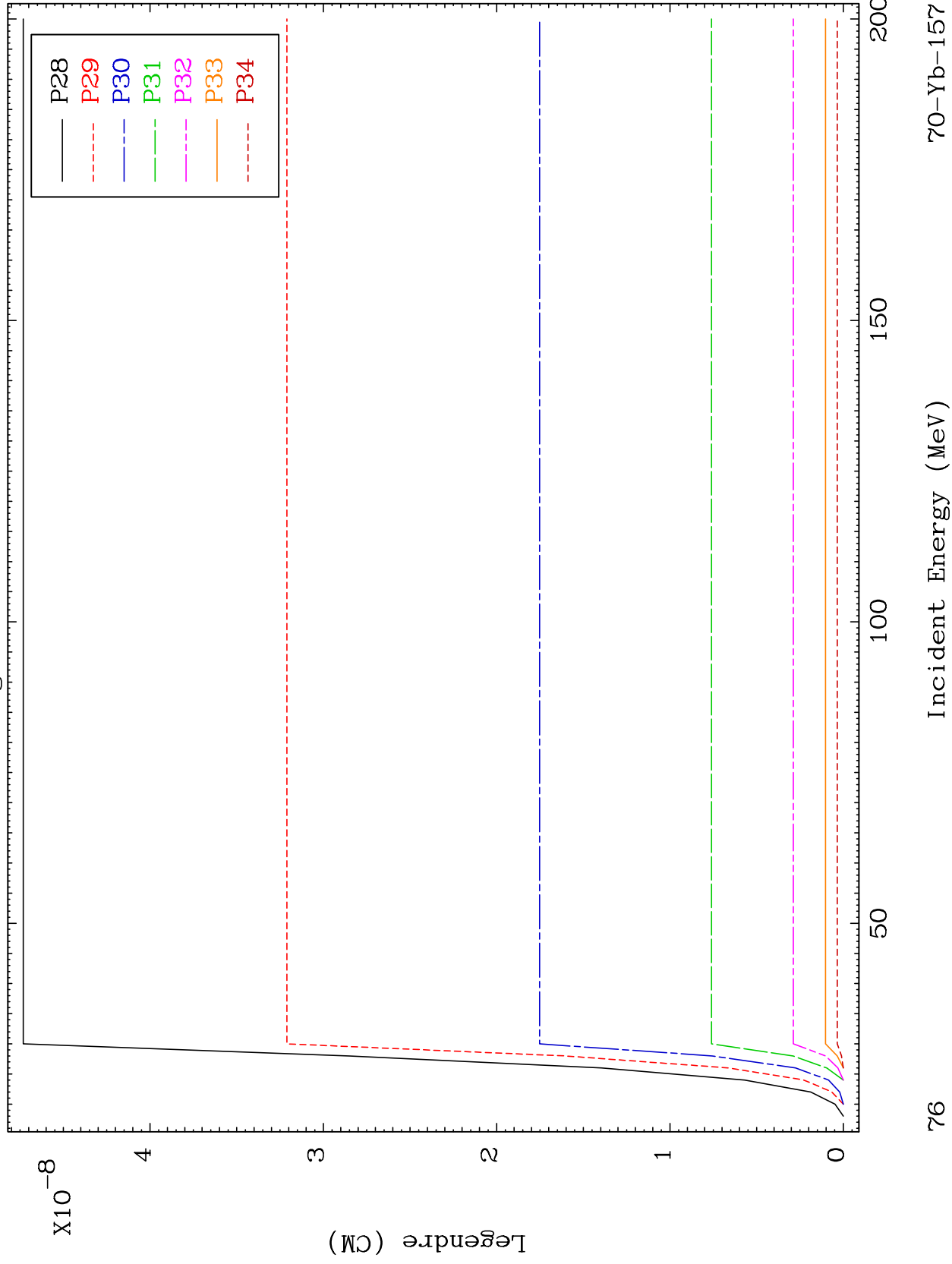
Incident Energy (MeV)

70-Yb-157

MAT 6992

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

70-Yb-157

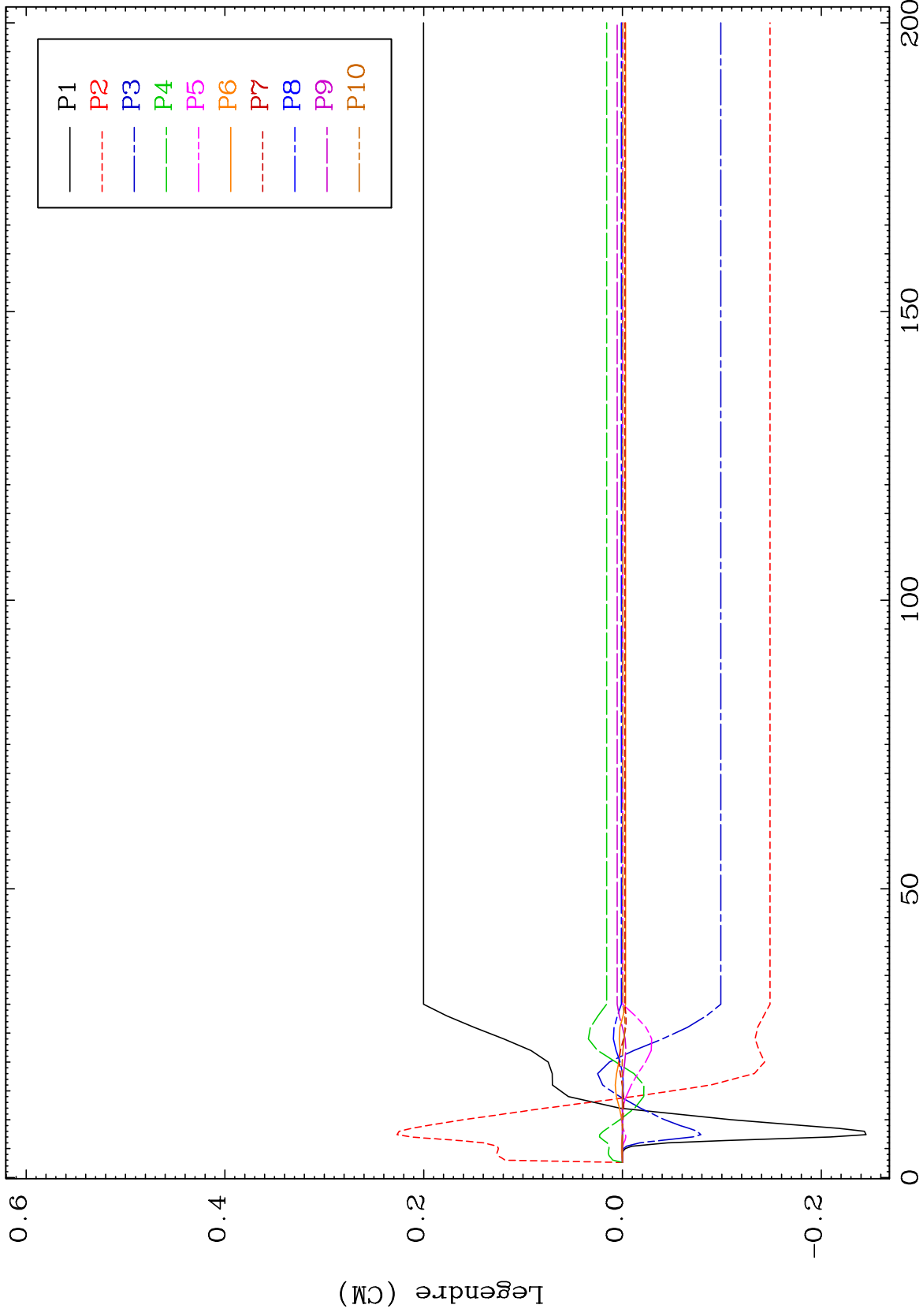


76

MAT 6992

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

70-Yb-157



77

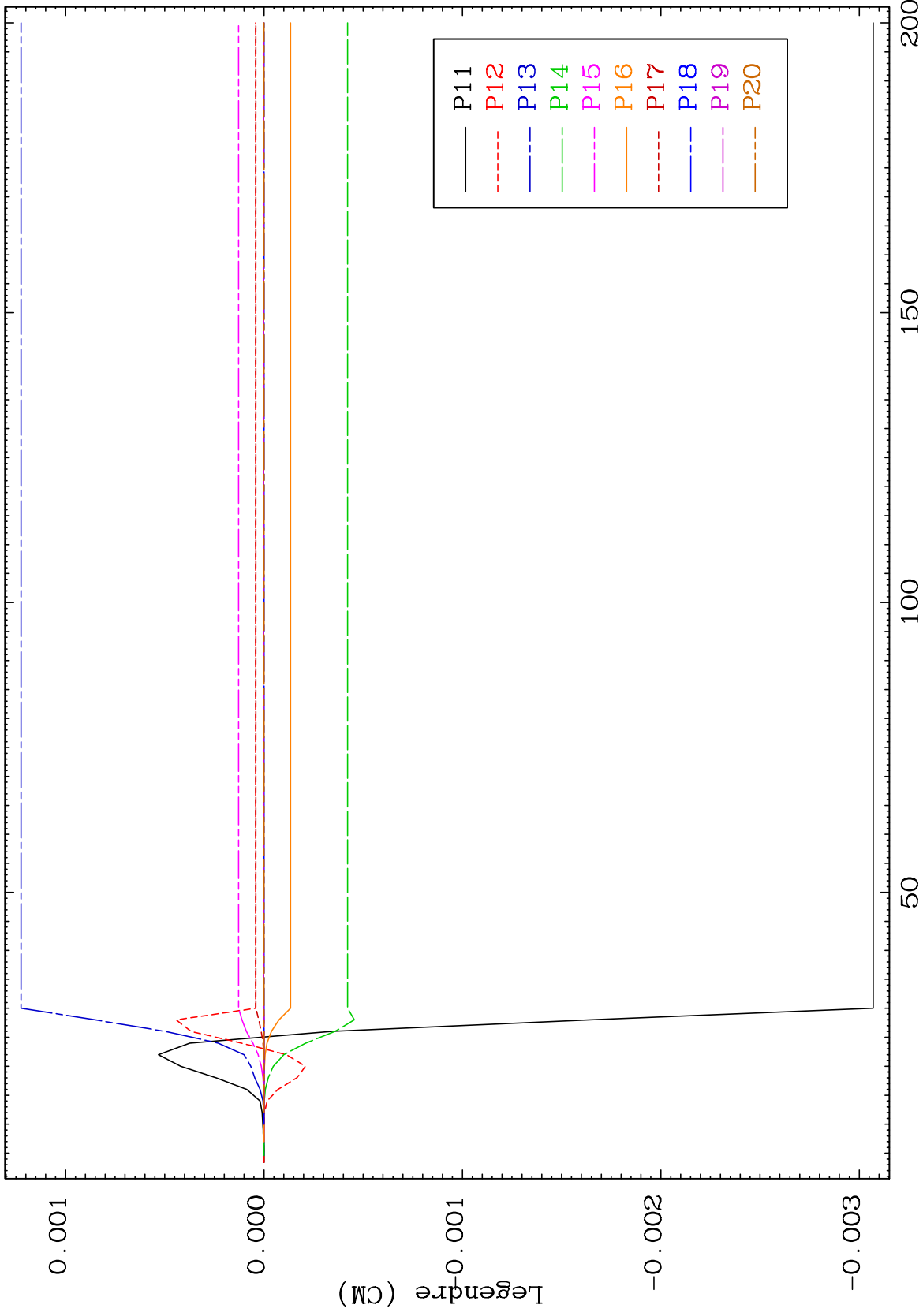
Incident Energy (MeV)

70-Yb-157

MAT 6992

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

70-Yb-157



78

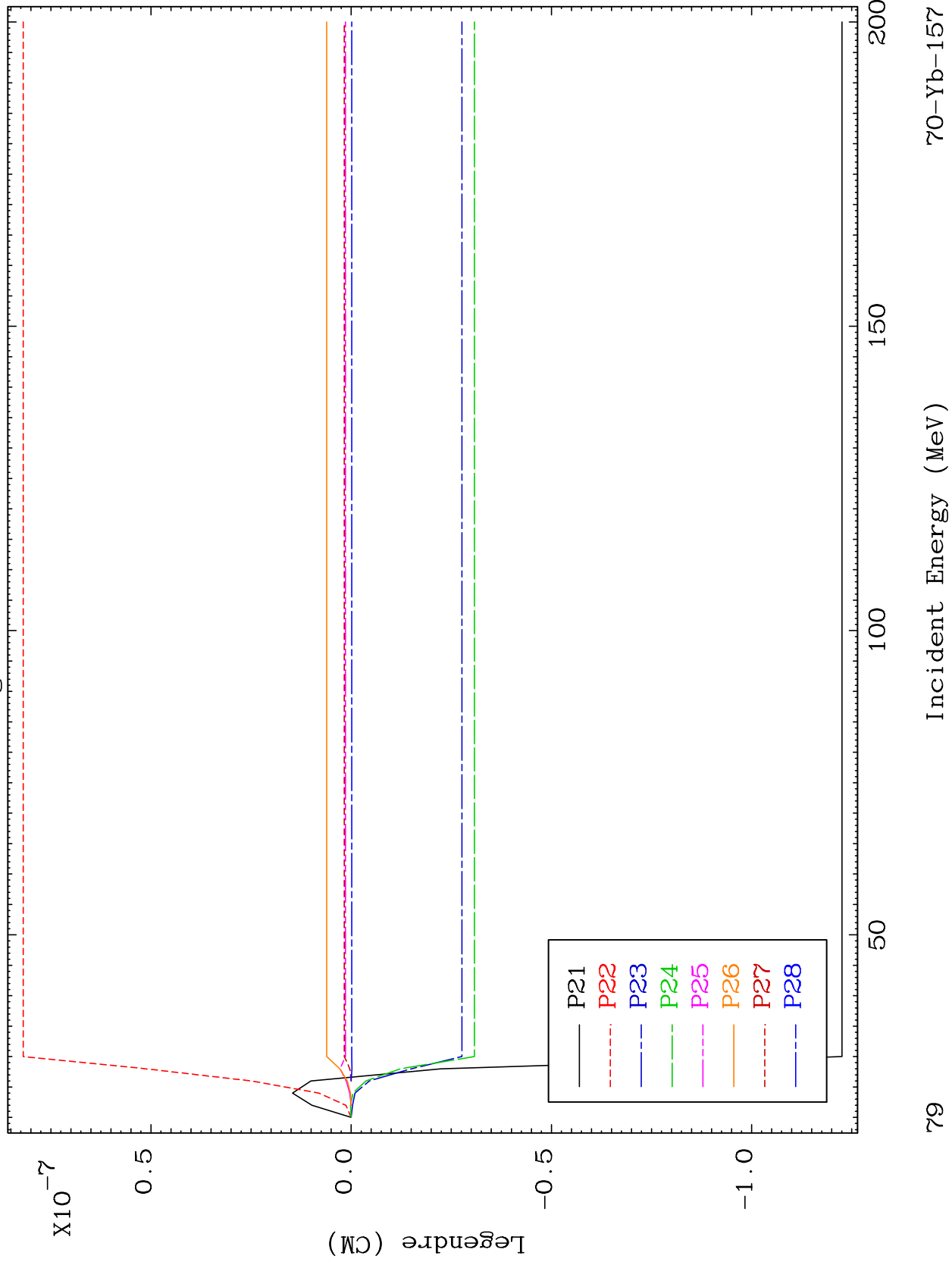
Incident Energy (MeV)

70-Yb-157

MAT 6992

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

70-Yb-157



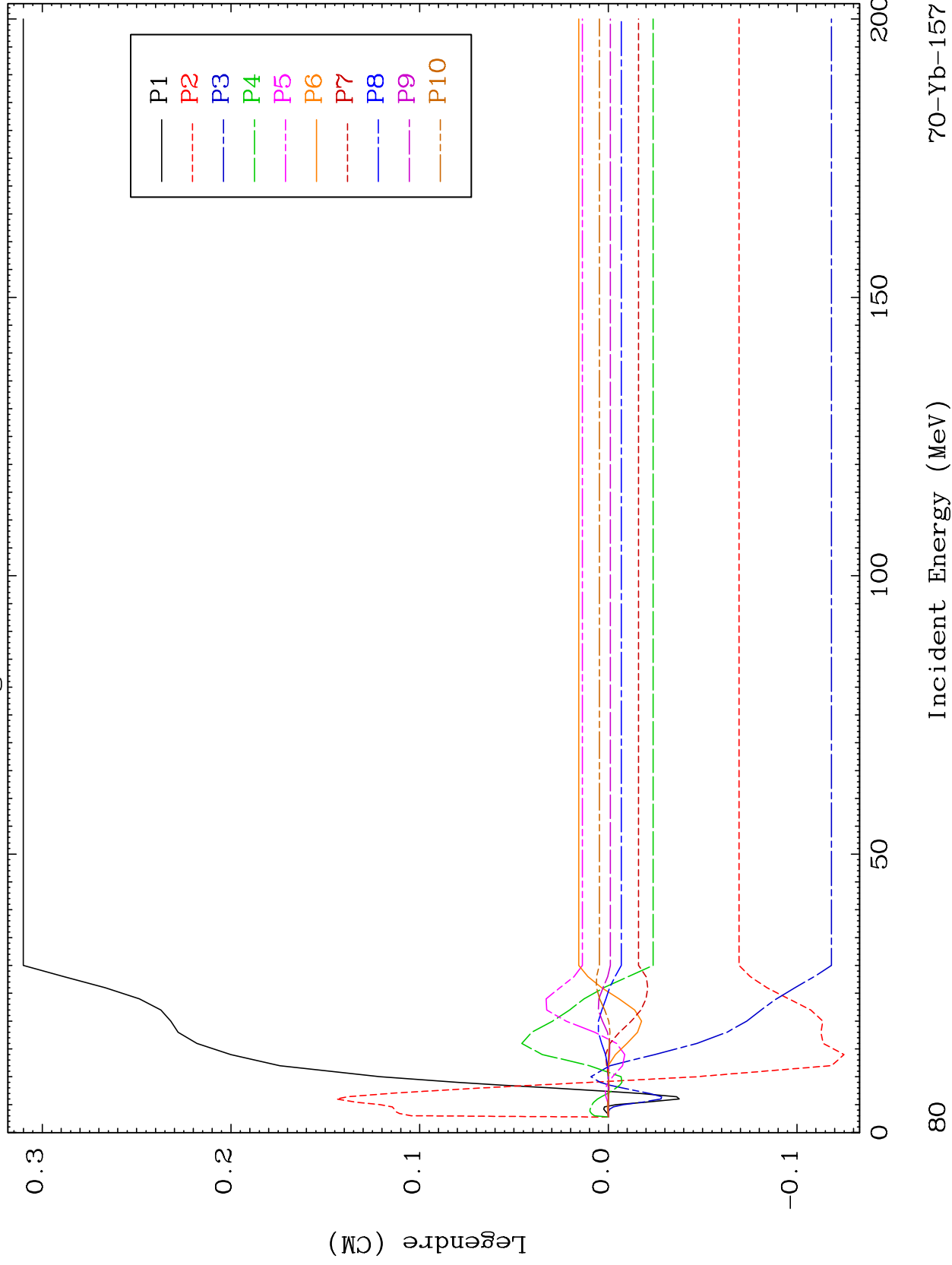
79

70-Yb-157

MAT 6992

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

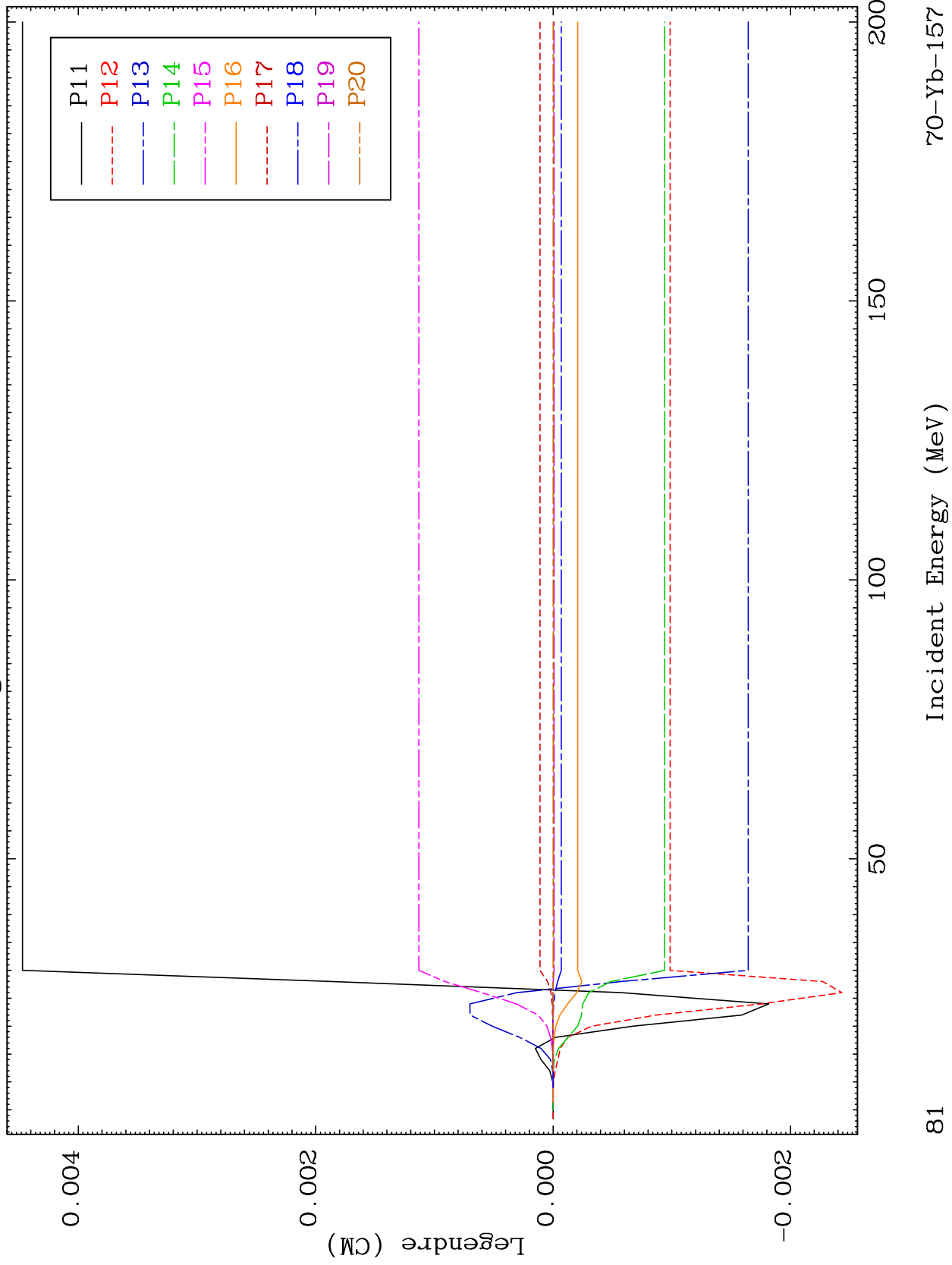
70-Yb-157



MAT 6992

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

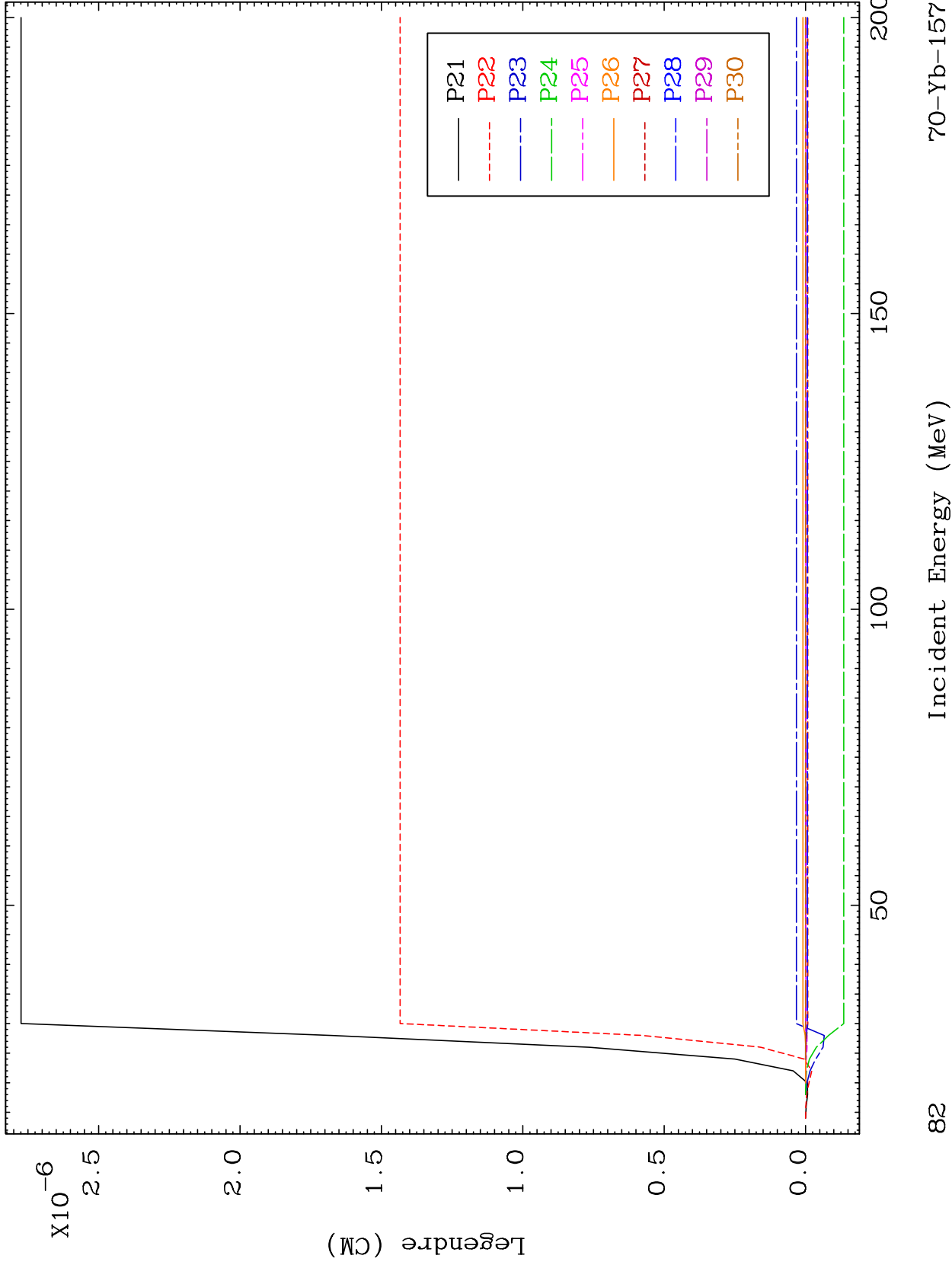
70-Yb-157



81

Incident Energy (MeV)

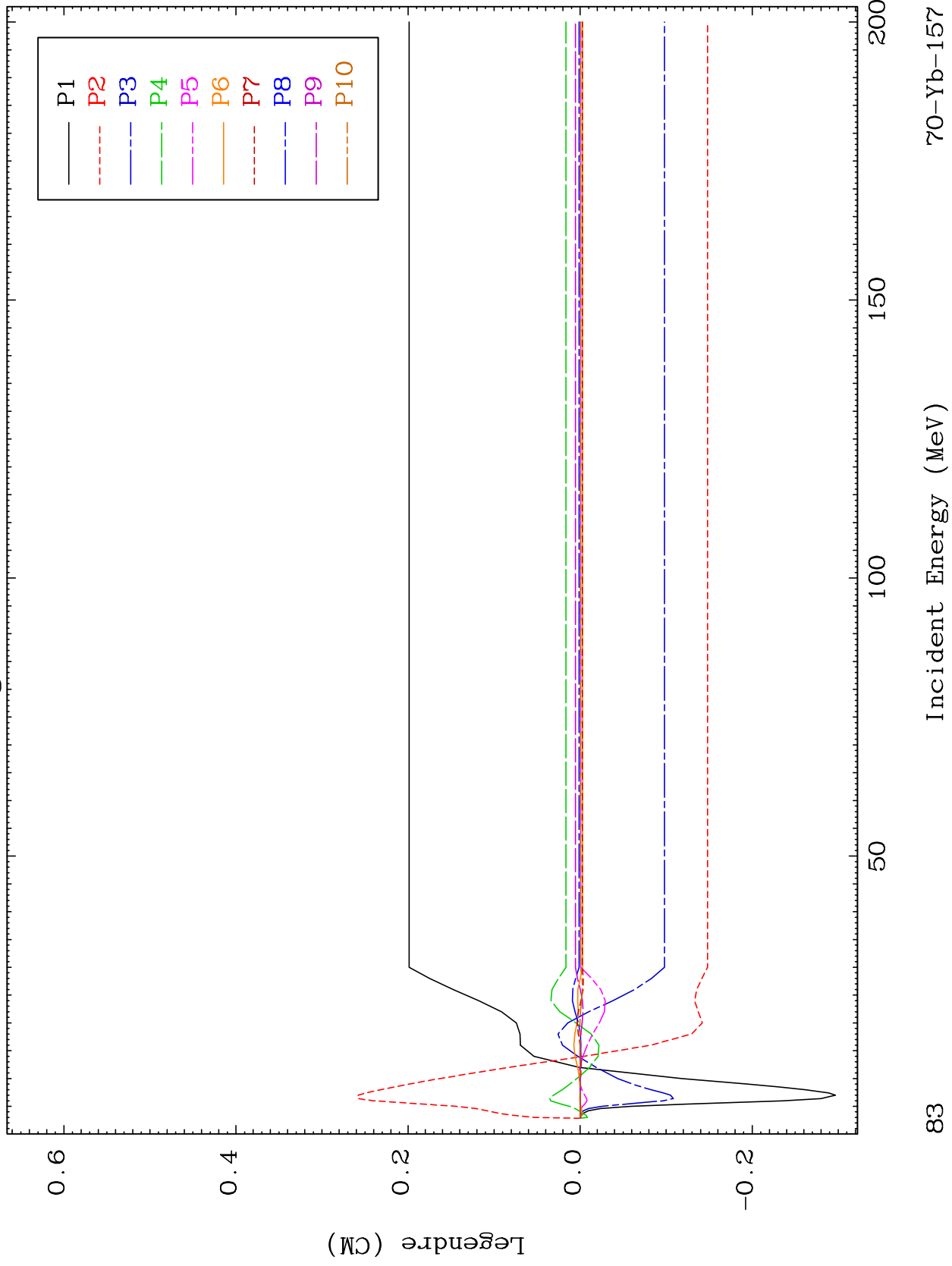
70-Yb-157



MAT 6992

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

70-Yb-157



83

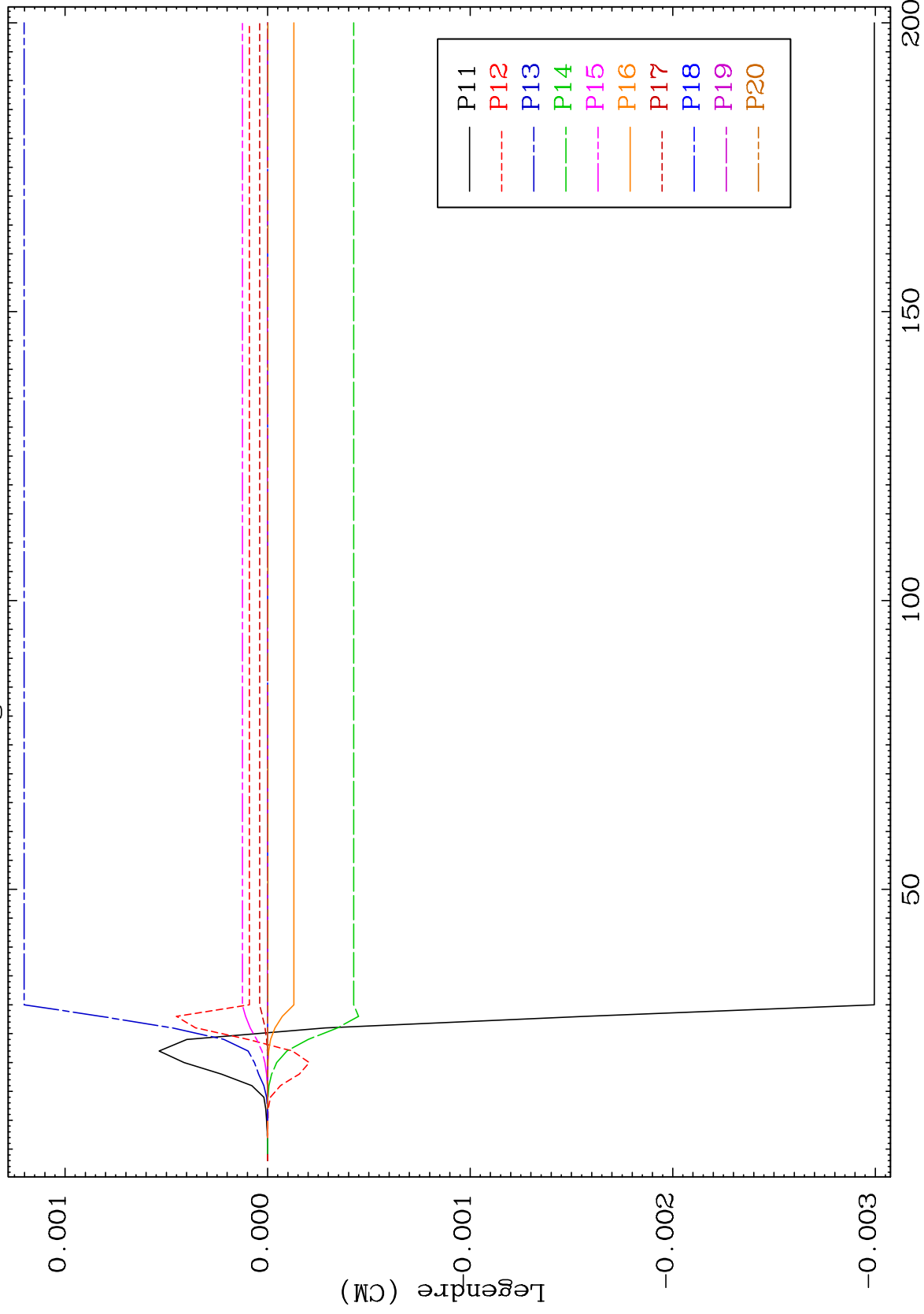
Incident Energy (MeV)

70-Yb-157

MAT 6992

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

70-Yb-157



84

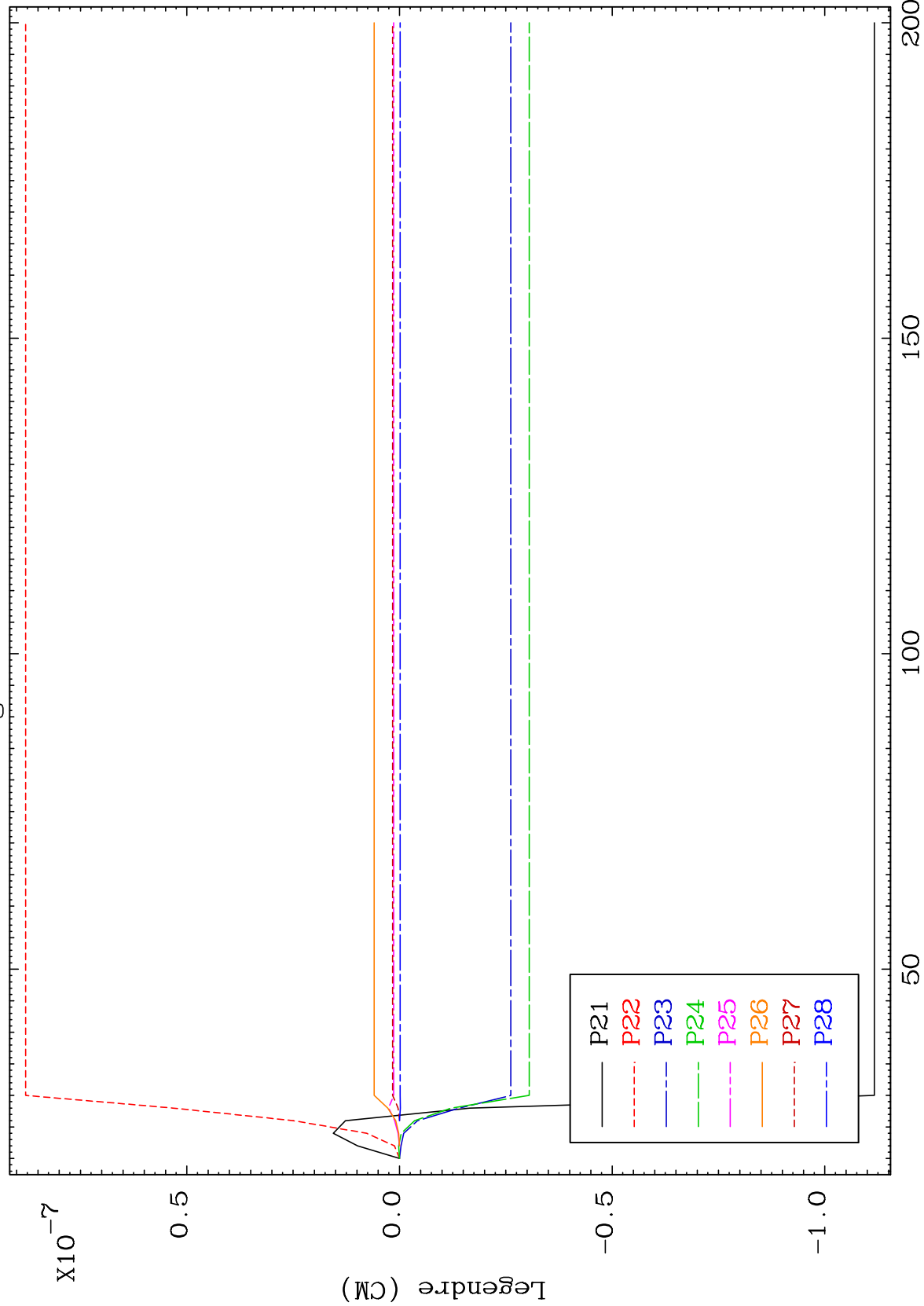
Incident Energy (MeV)

70-Yb-157

MAT 6992

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

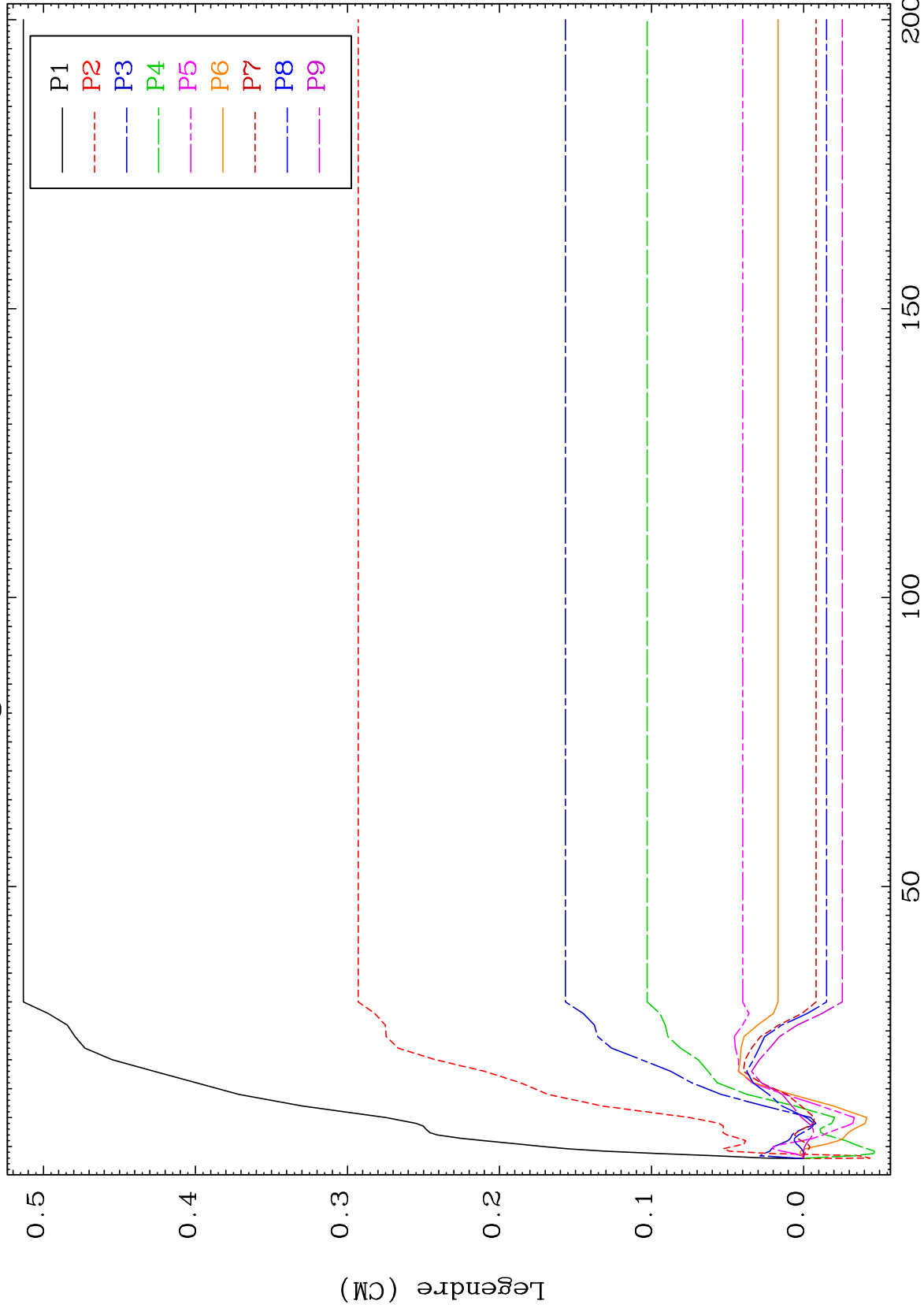
70-Yb-157



MAT 6992

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

70-Yb-157



86

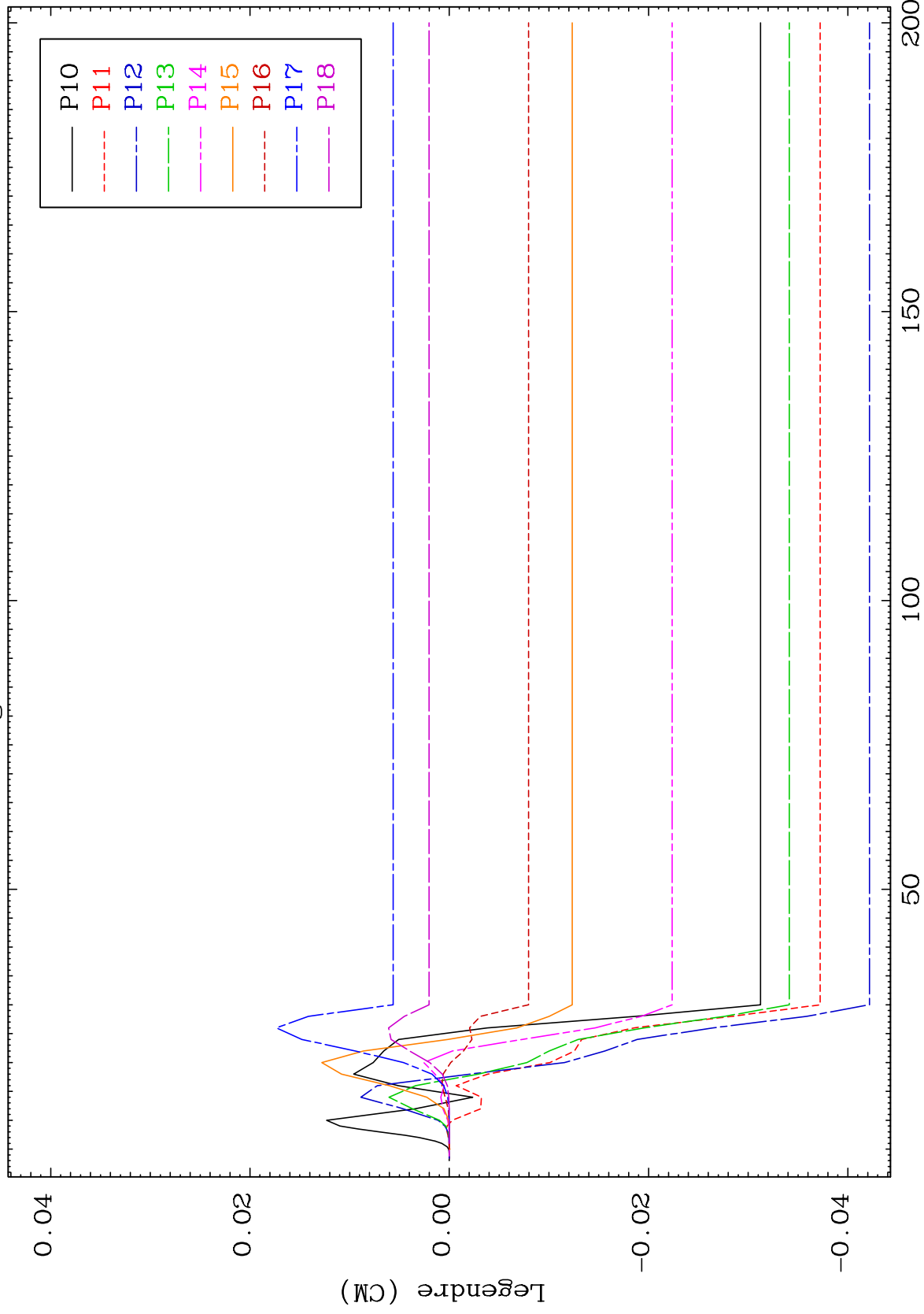
Incident Energy (MeV)

70-Yb-157

MAT 6992

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

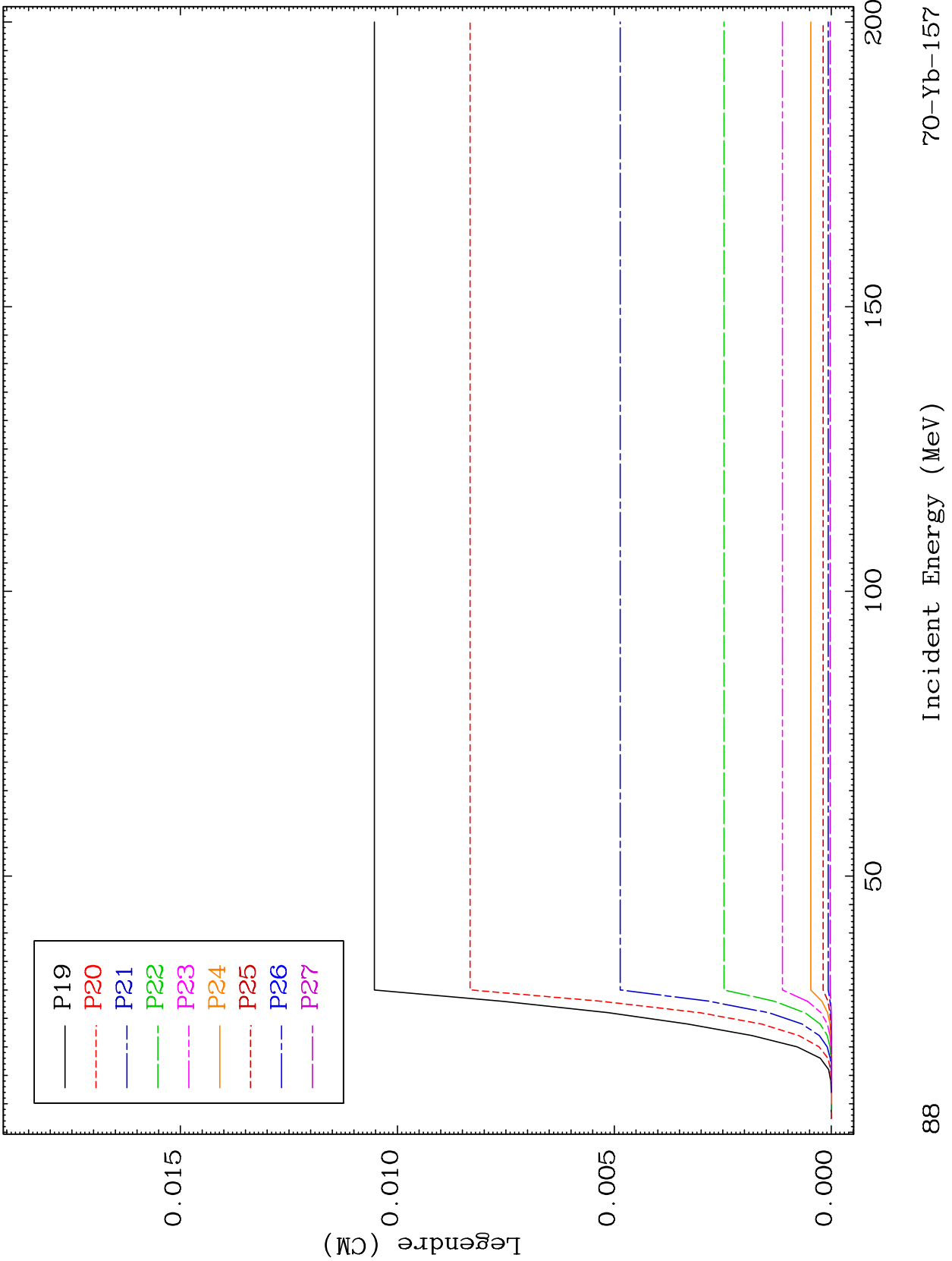
70-Yb-157



87

Incident Energy (MeV)

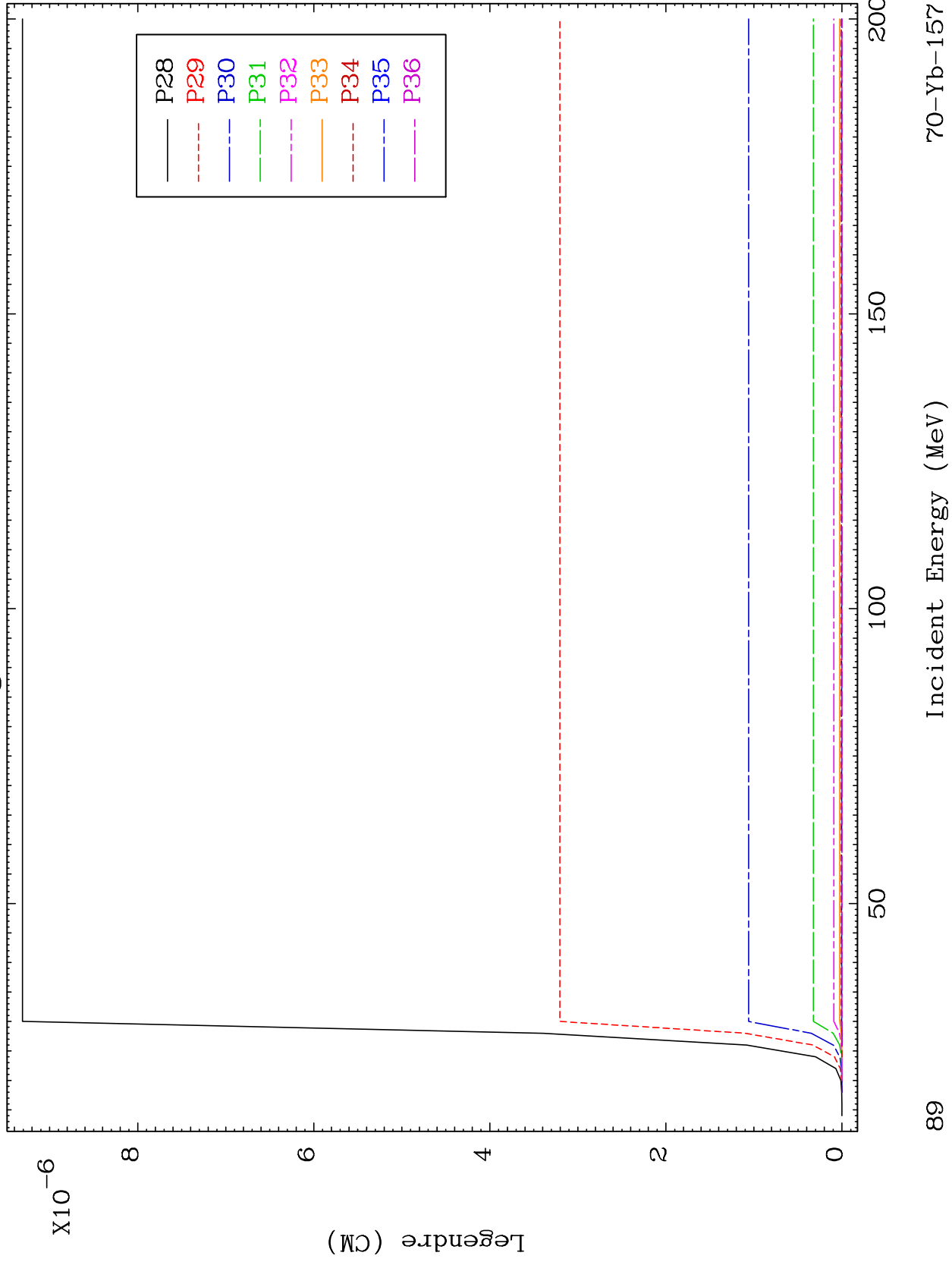
70-Yb-157



MAT 6992

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

70-Yb-157



89

Incident Energy (MeV)

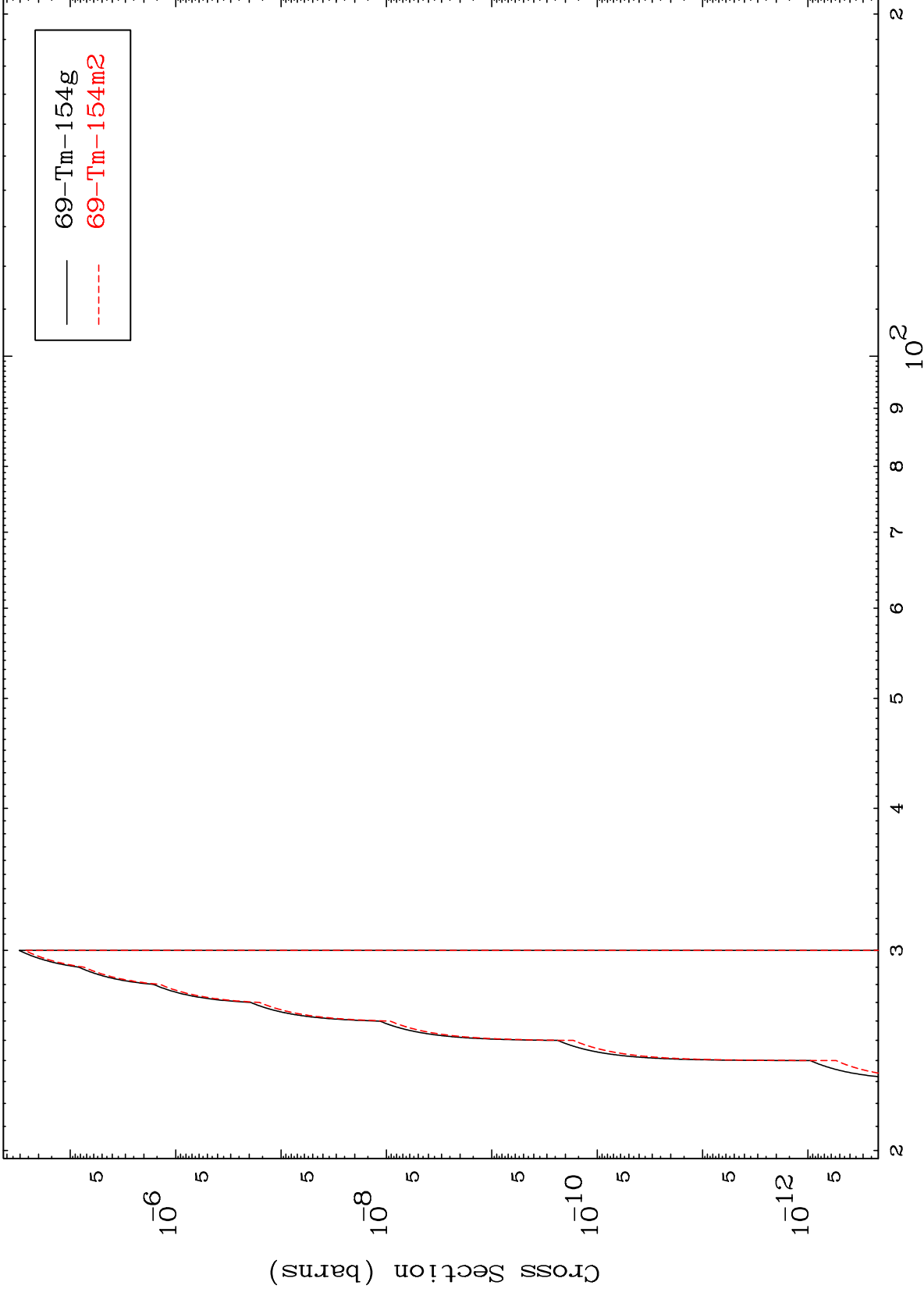
70-Yb-157

MAT 6992

(n,2n) d

70-Yb-157

Radionuclide Production Cross Section



90

Incident Energy (MeV)

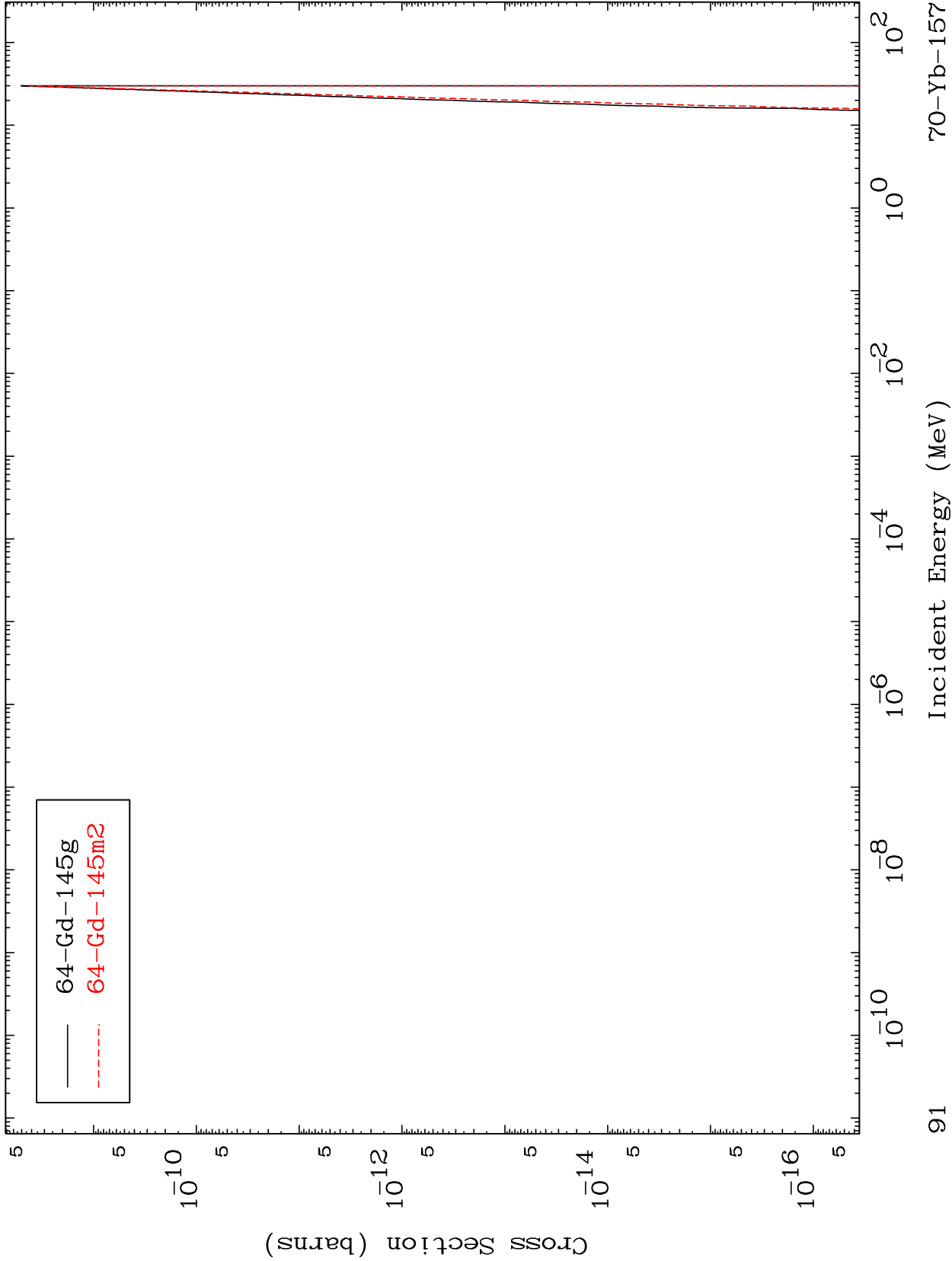
70-Yb-157

MAT 6992

(n,n') 3 α

70-Yb-157

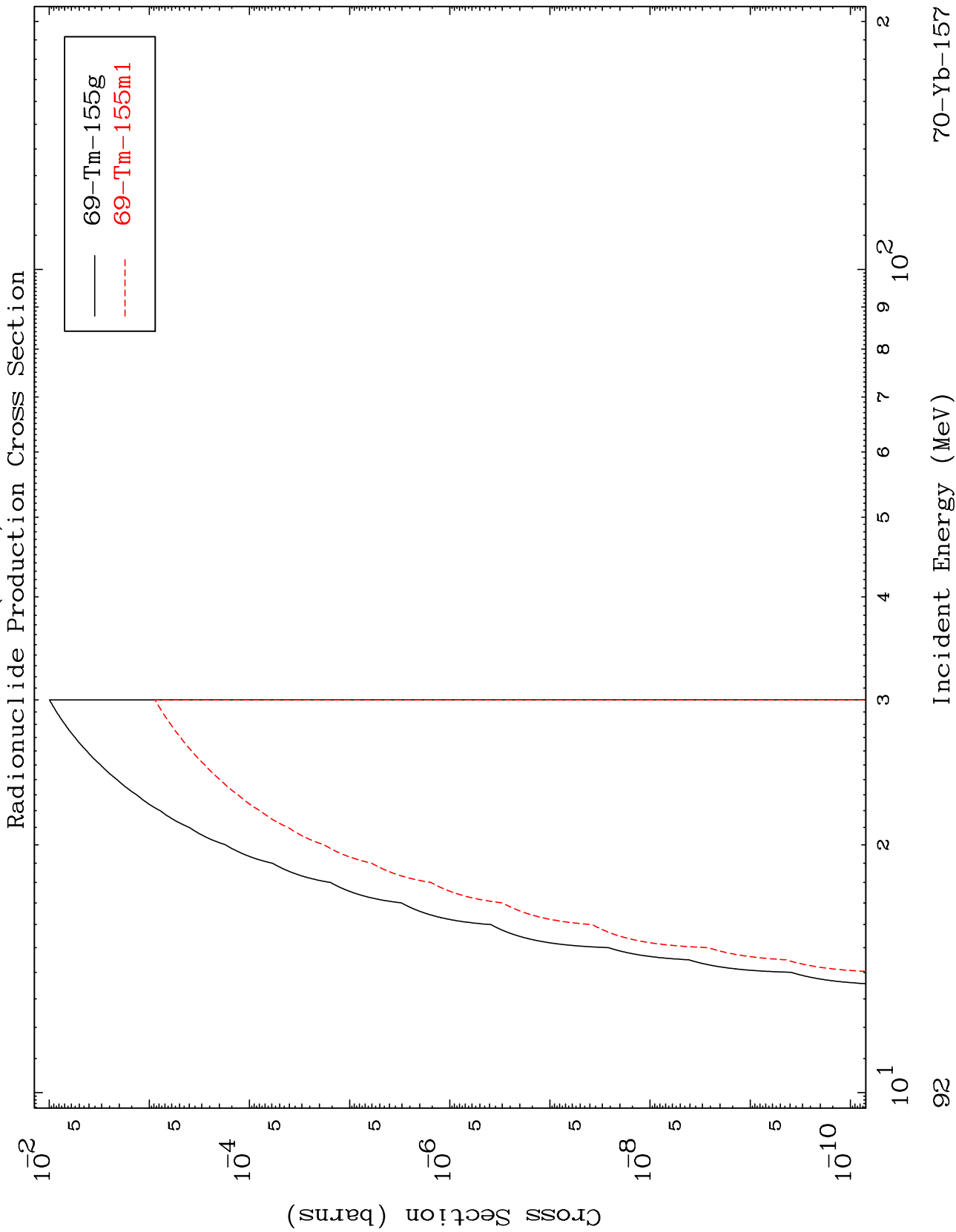
Radionuclide Production Cross Section



MAT 6992

(n,n') d

70-Yb-157



92

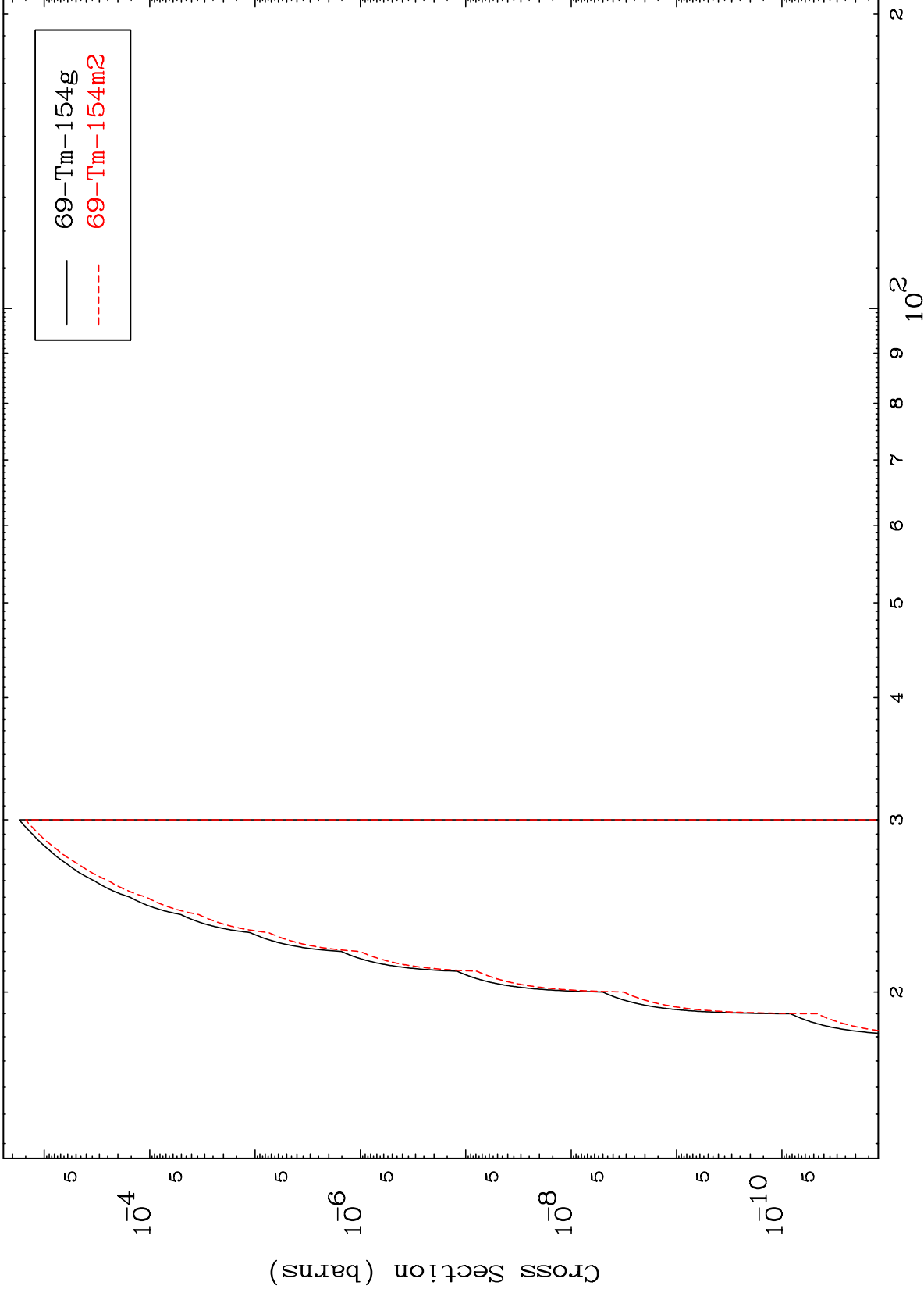
70-Yb-157

MAT 6992

(n,n') t

70-Yb-157

Radionuclide Production Cross Section



93

Incident Energy (MeV)

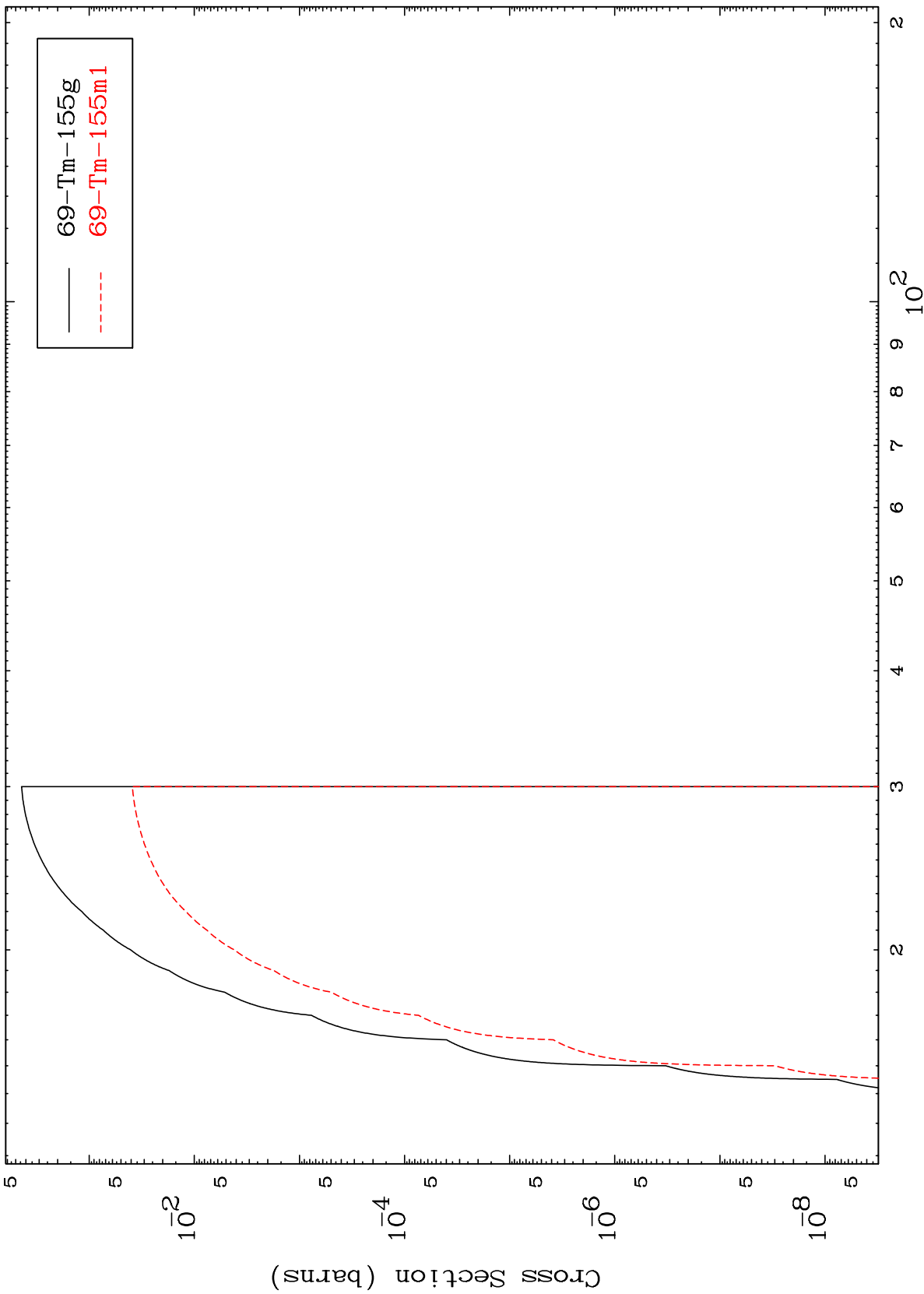
70-Yb-157

MAT 6992

(n,2n) p

70-Yb-157

Radionuclide Production Cross Section

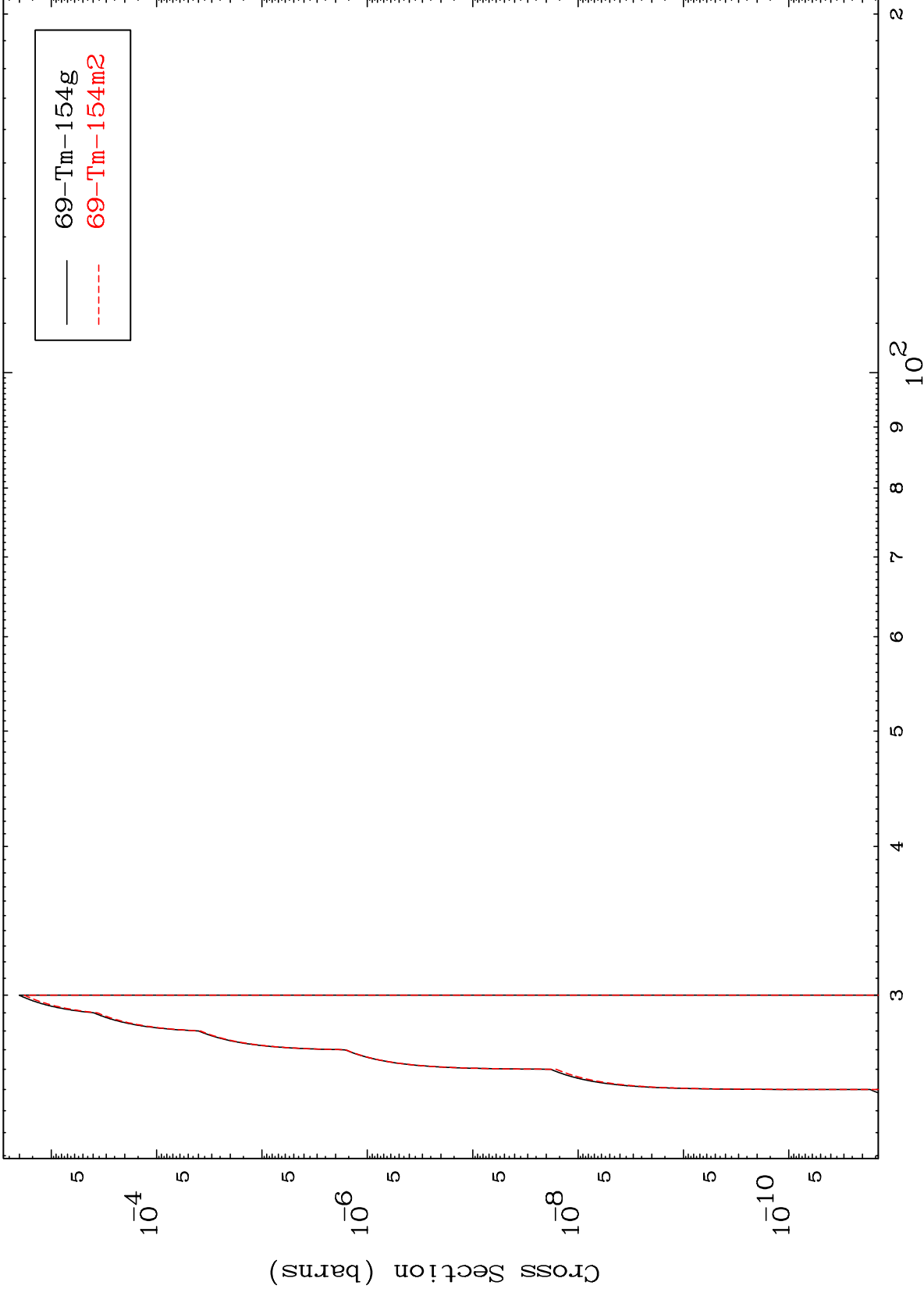


94

Incident Energy (MeV)

70-Yb-157

Radionuclide Production Cross Section

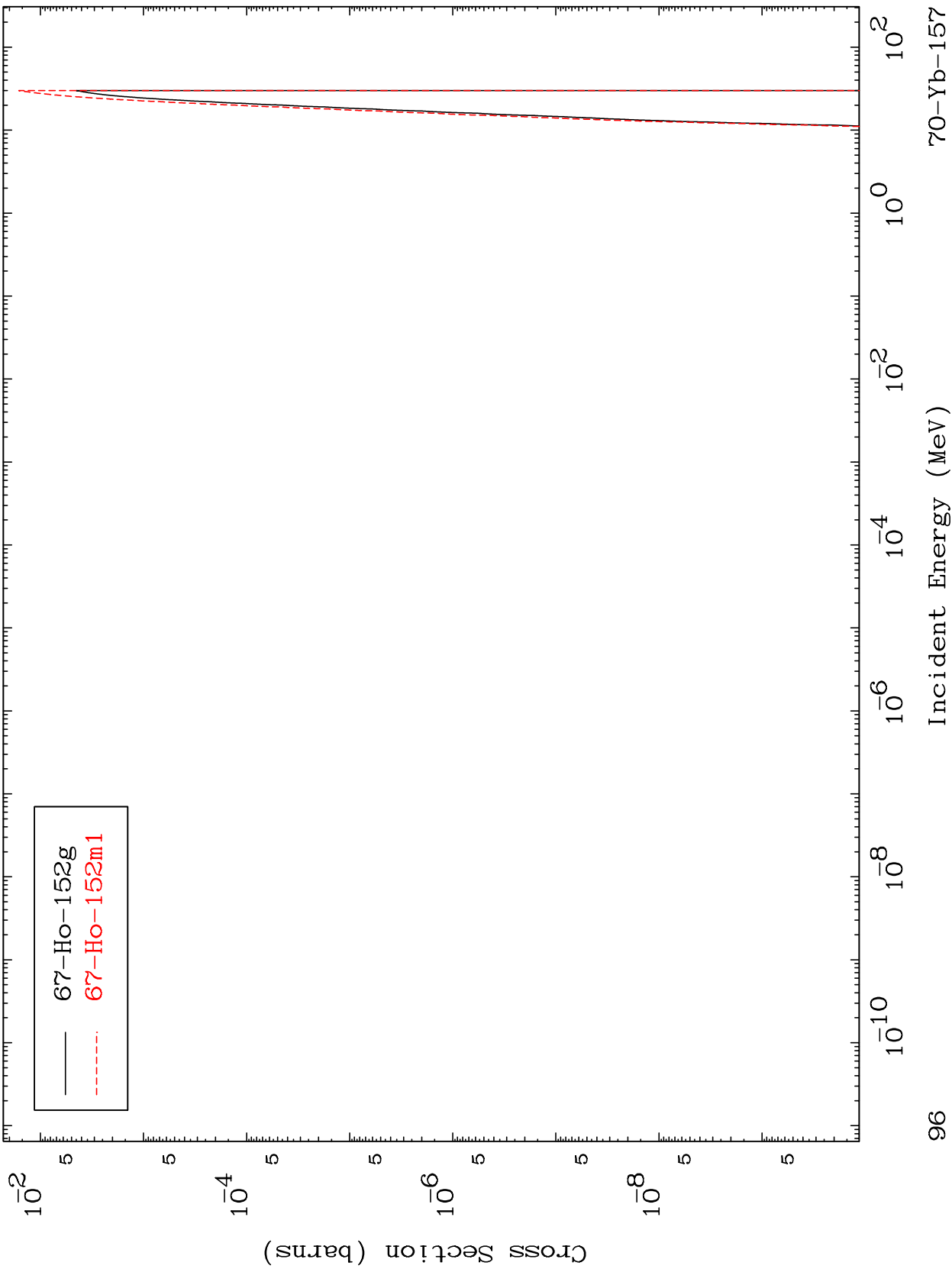


MAT 6992

(n,n') p α

70-Yb-157

Radionuclide Production Cross Section

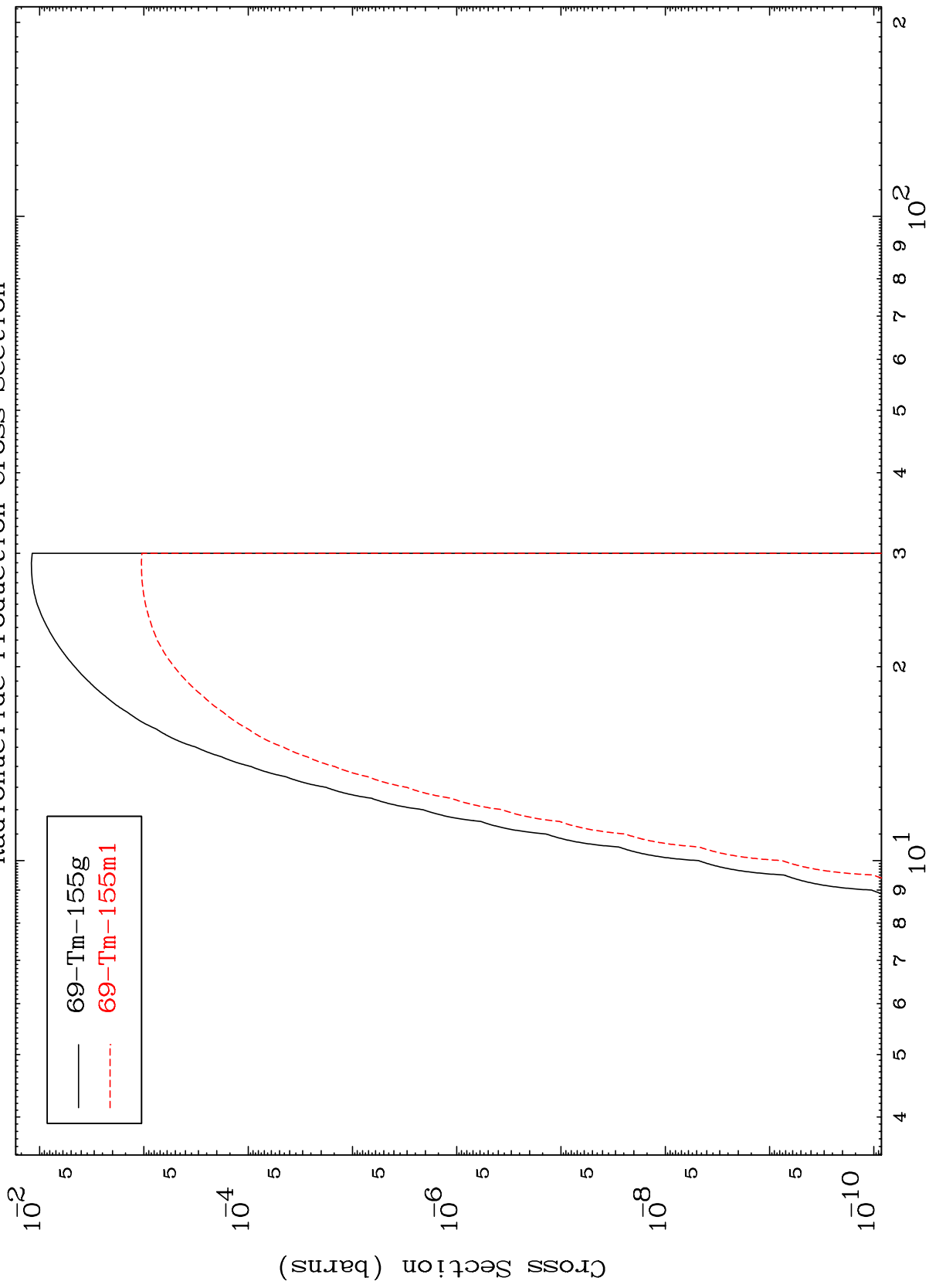


67-Ho-152g
67-Ho-152m1

MAT 6992

70-Yb-157

Radionuclide Production Cross Section



97

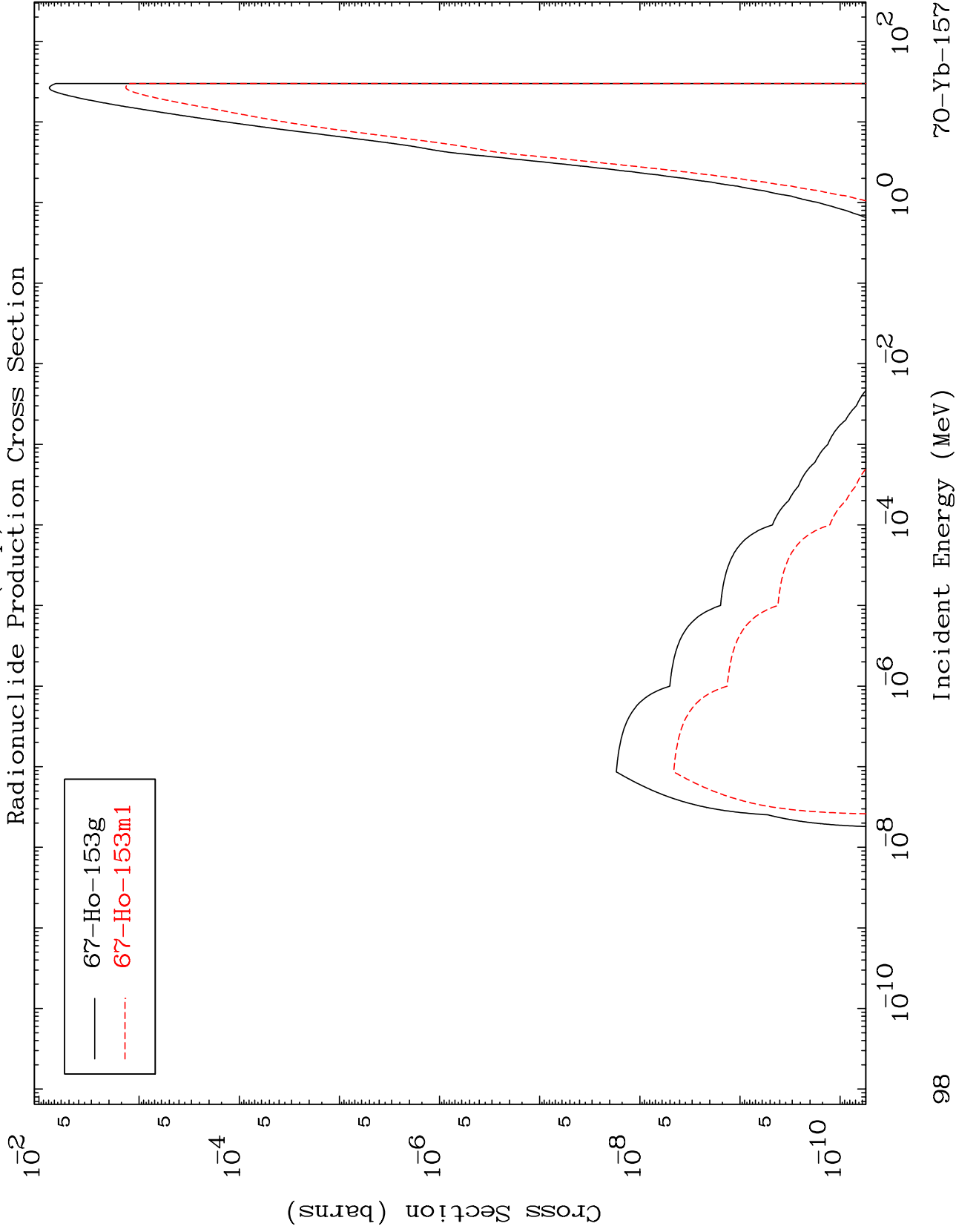
Incident Energy (MeV)

70-Yb-157

MAT 6992

(n,p) α

70-Yb-157

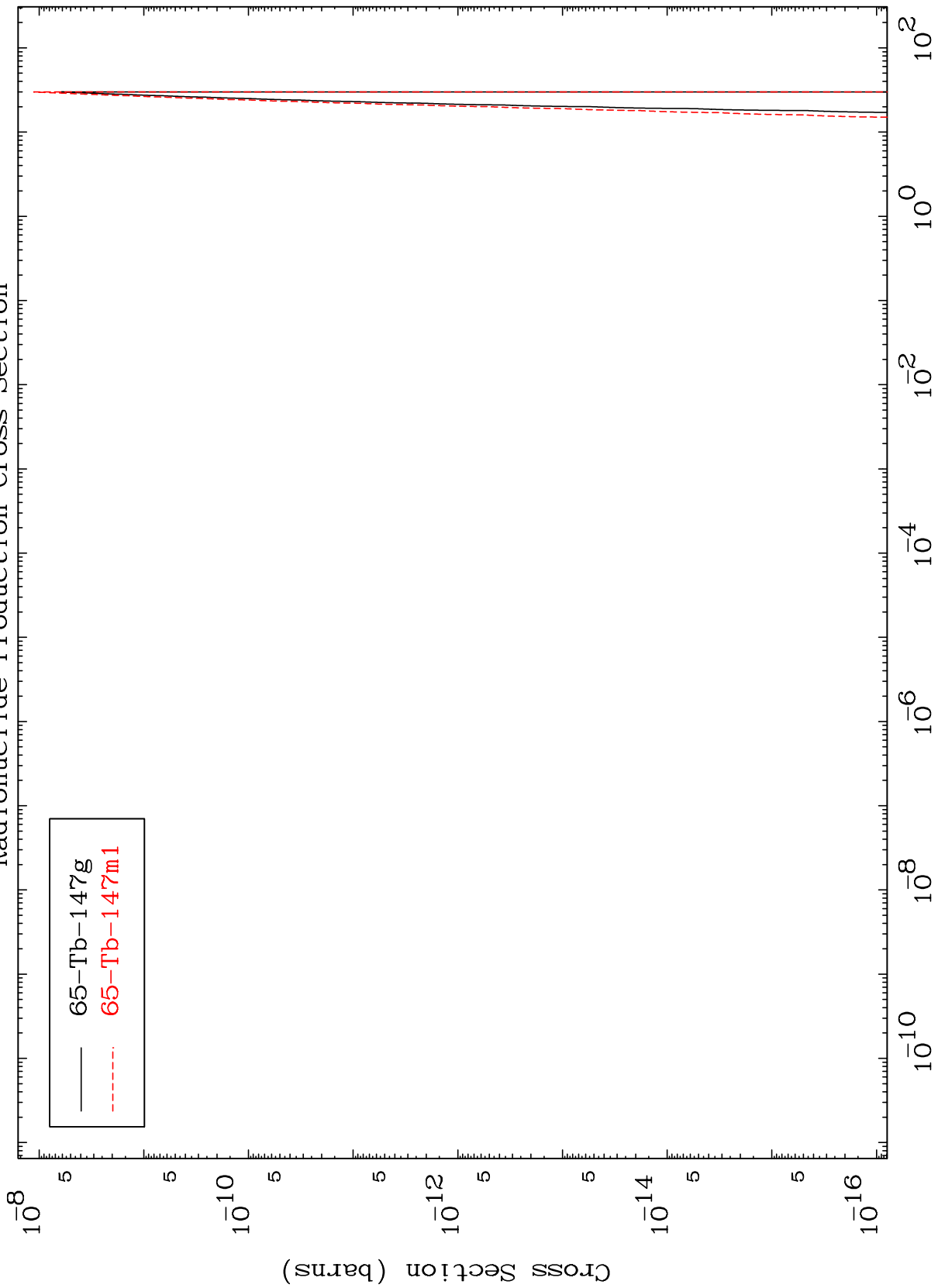


MAT 6992

(n,t) 2 α

70-Yb-157

Radionuclide Production Cross Section



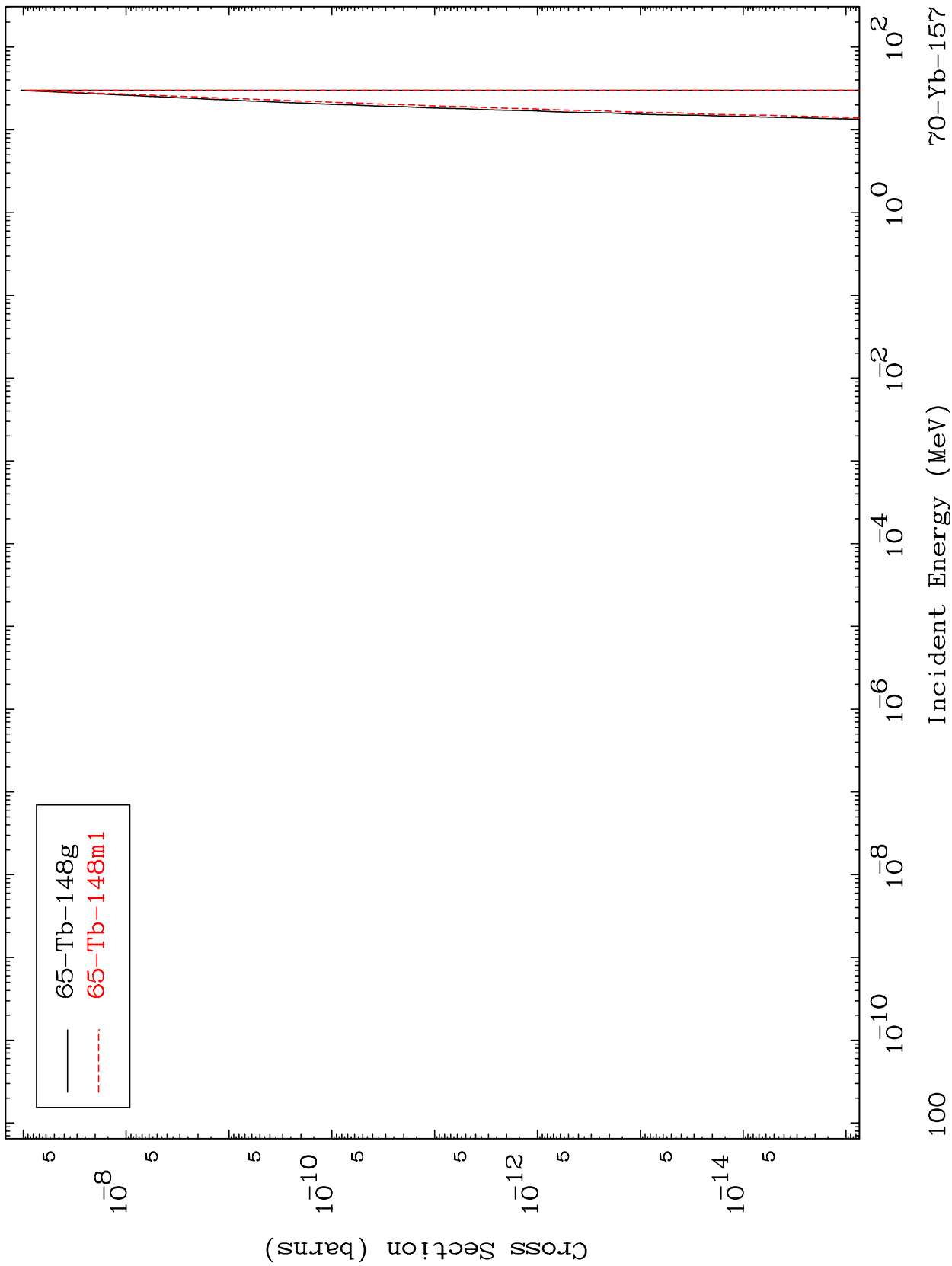
65-Tb-147g
65-Tb-147m1

MAT 6992

(n,d) 2 α

70-Yb-157

Radionuclide Production Cross Section



100

Incident Energy (MeV)

70-Yb-157

MAT 6992

(n,d) α

70-Yb-157

Radionuclide Production Cross Section

