

Program EVALPLOT
(Version 2021-1)

by

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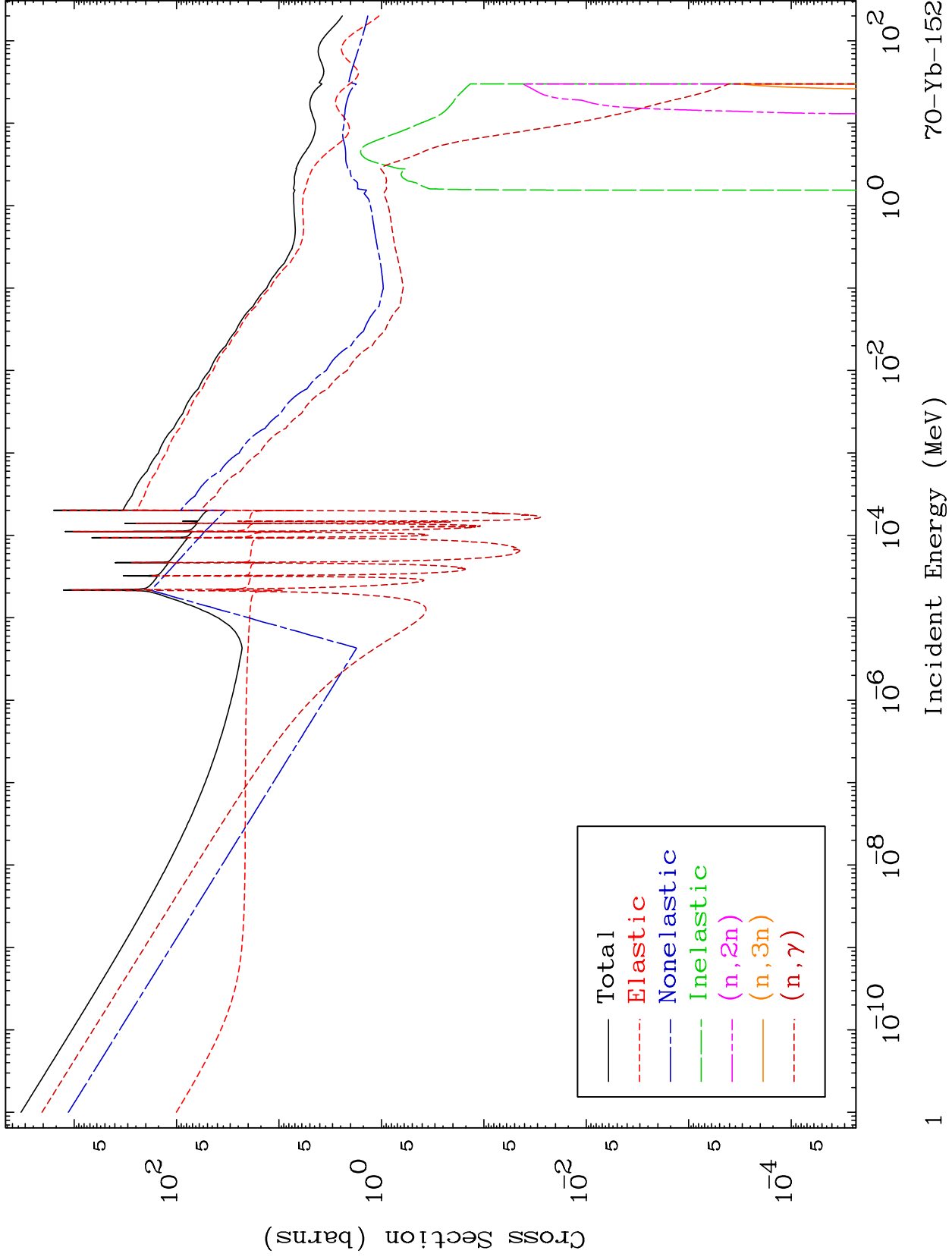
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6977

Neutron Major
293 Kelvin Cross Sections

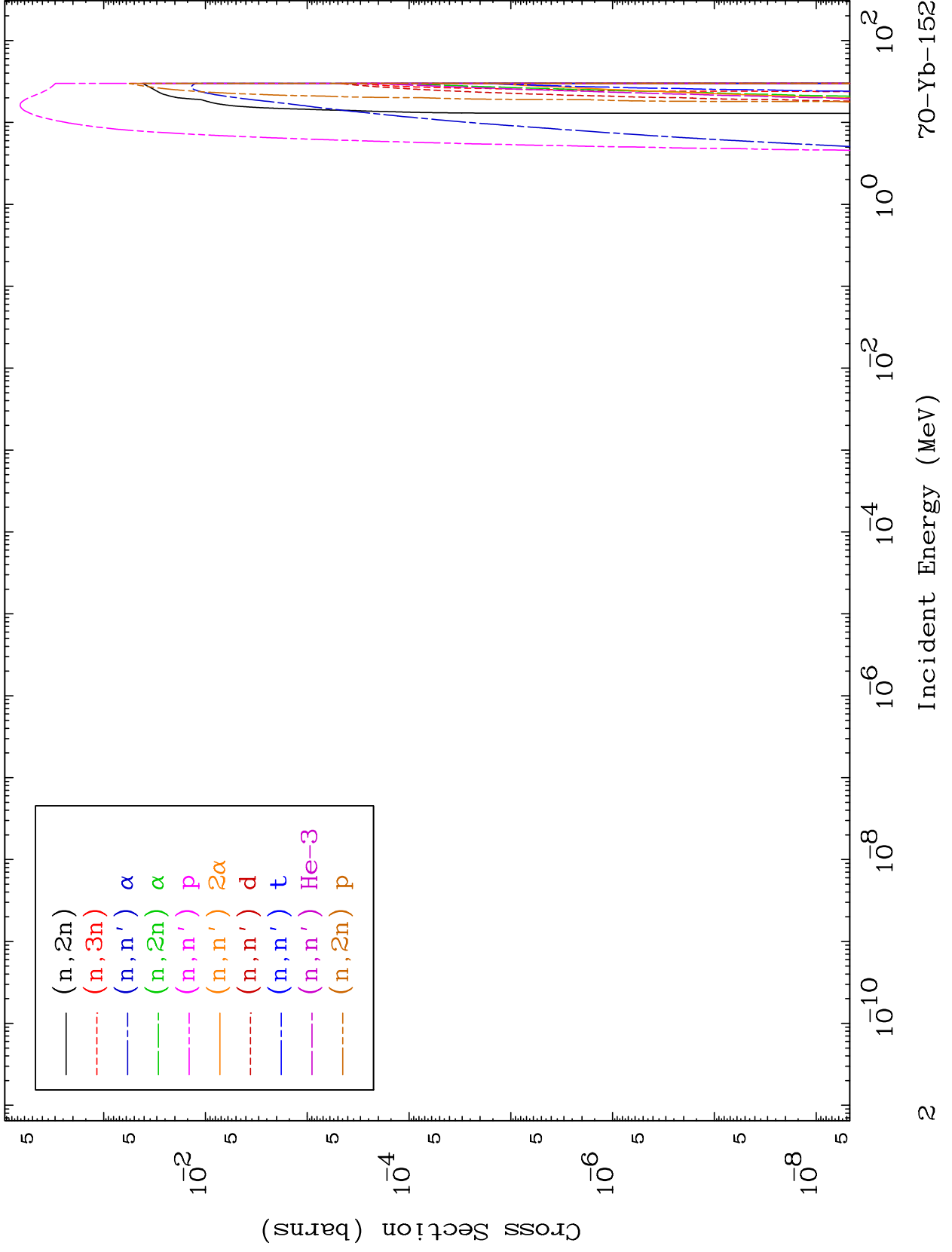
70-Yb-152



MAT 6977

Neutron Absorption
293 Kelvin Cross Sections

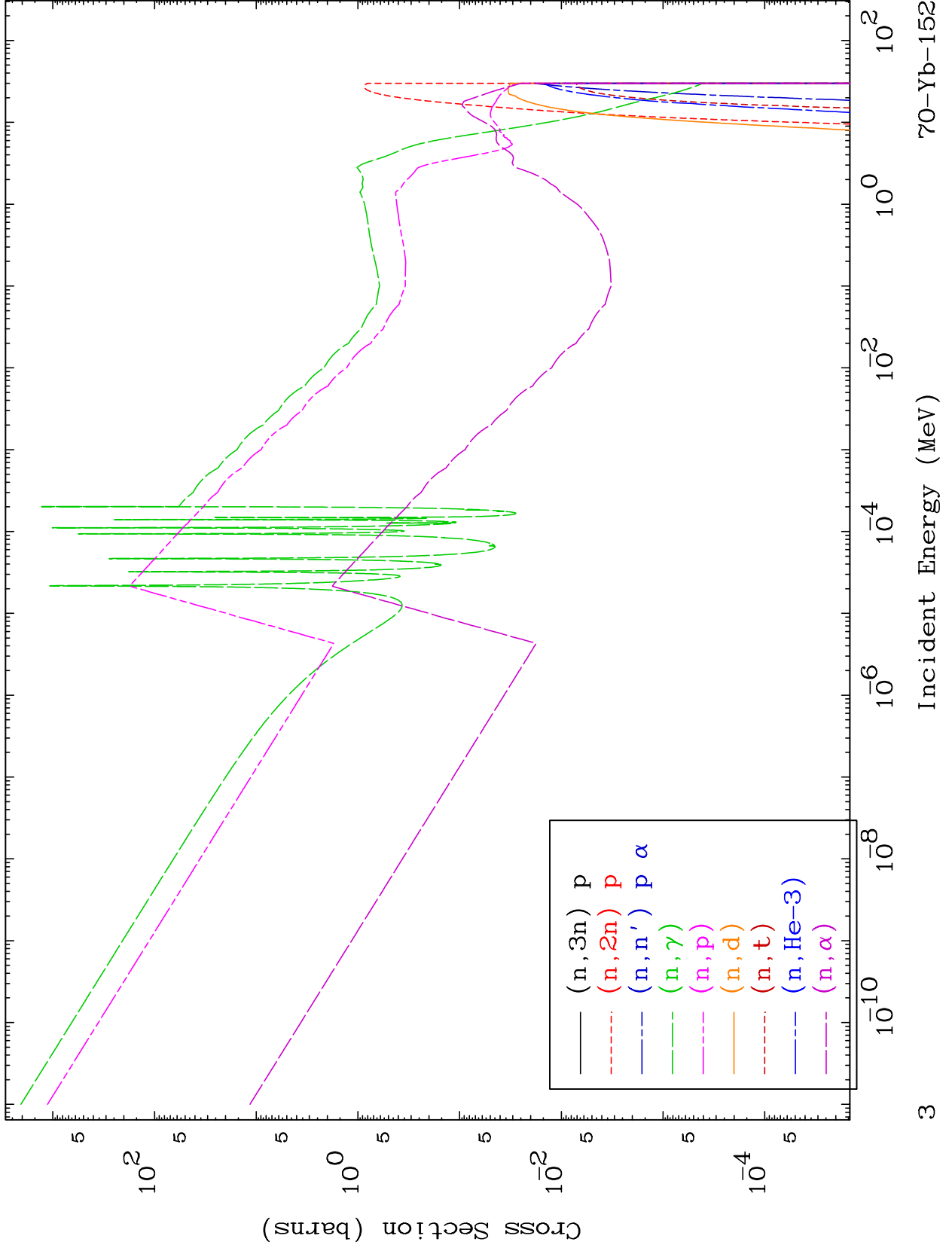
70-Yb-152



MAT 6977

Neutron Absorption
293 Kelvin Cross Sections

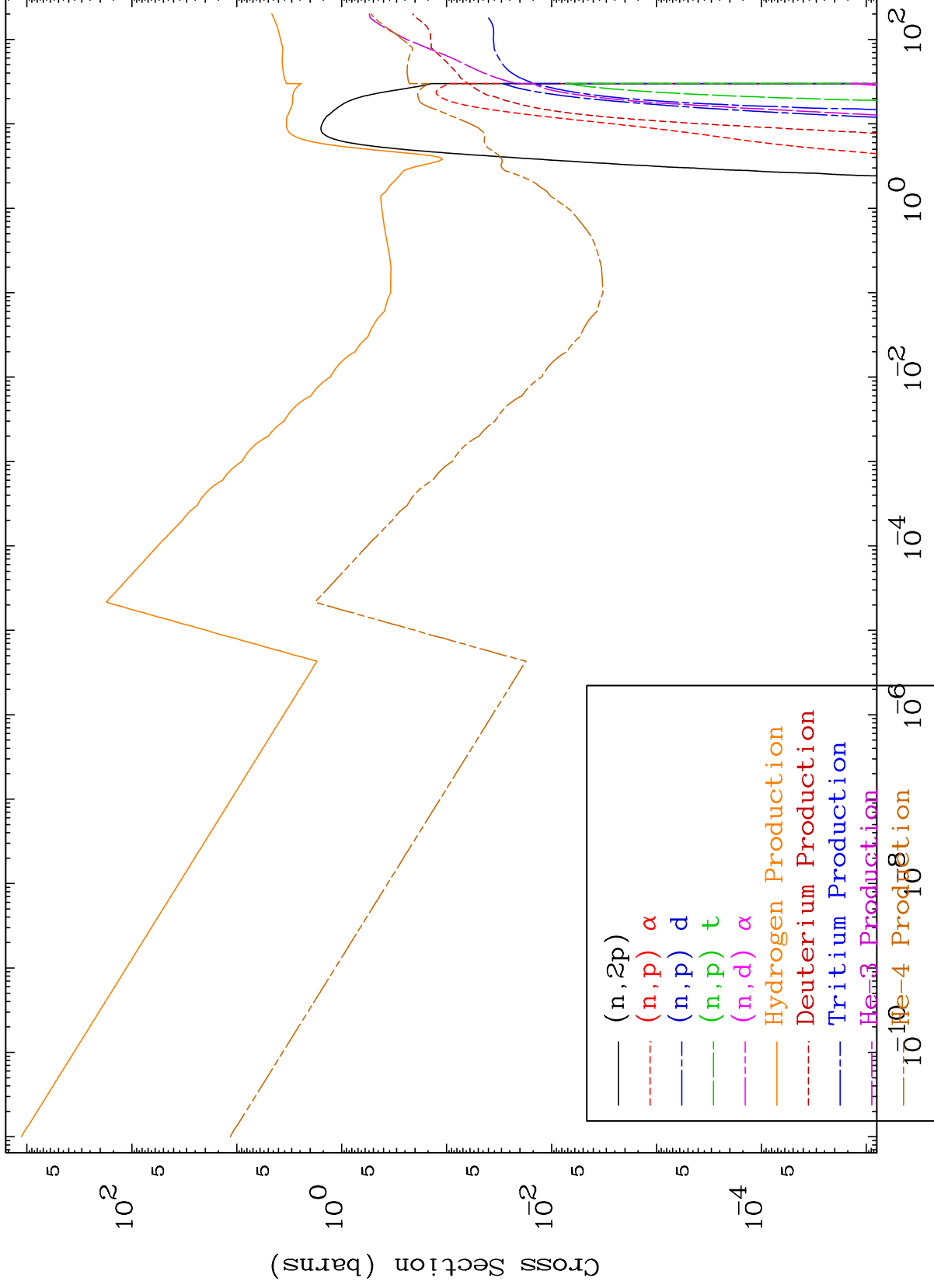
70-Yb-152



MAT 6977

Neutron Absorption
293 Kelvin Cross Sections

70-Yb-152



4

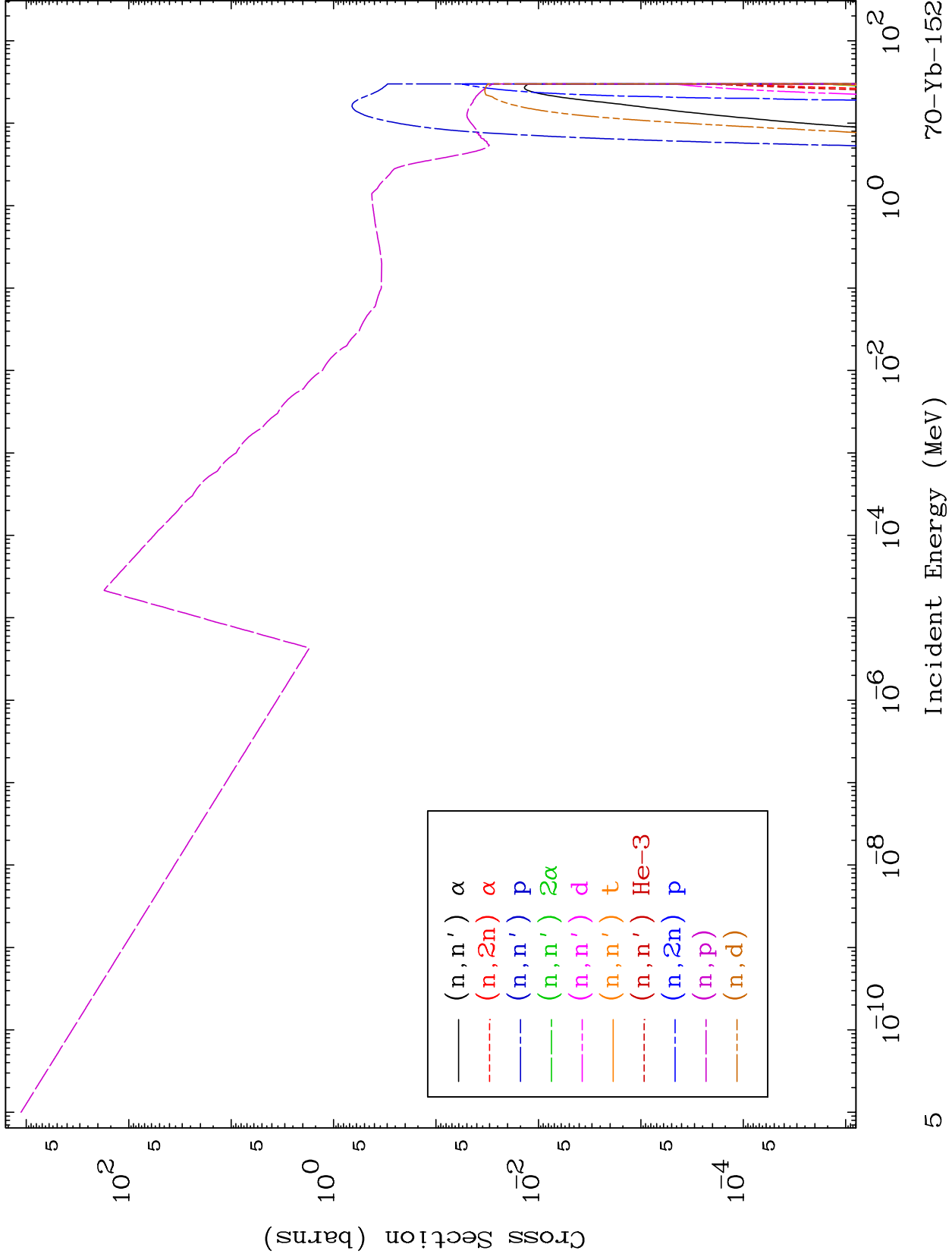
Incident Energy (MeV)

70-Yb-152

MAT 6977

Charged Particle
293 Kelvin Cross Sections

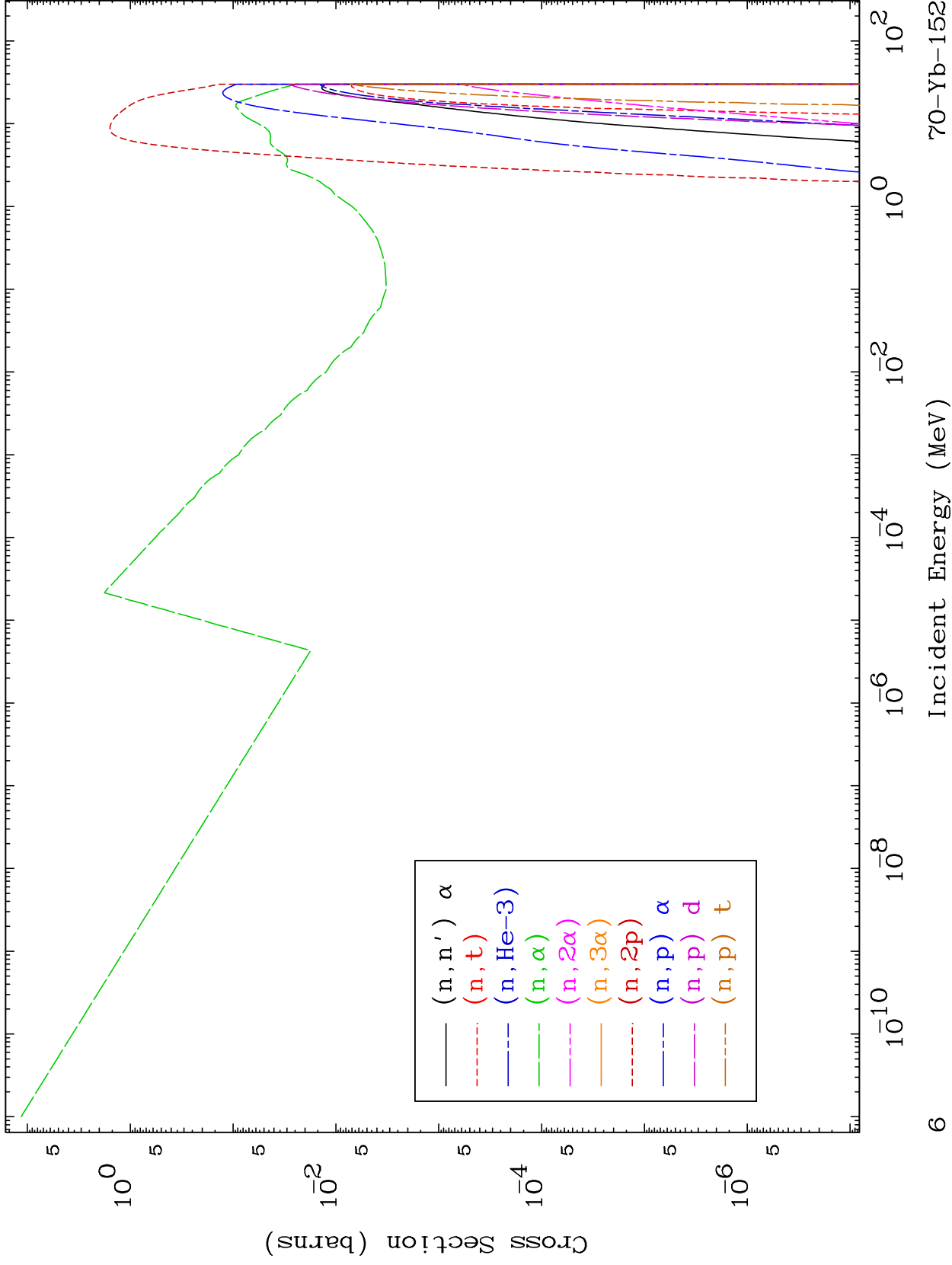
70-Yb-152



MAT 6977

Charged Particle
293 Kelvin Cross Sections

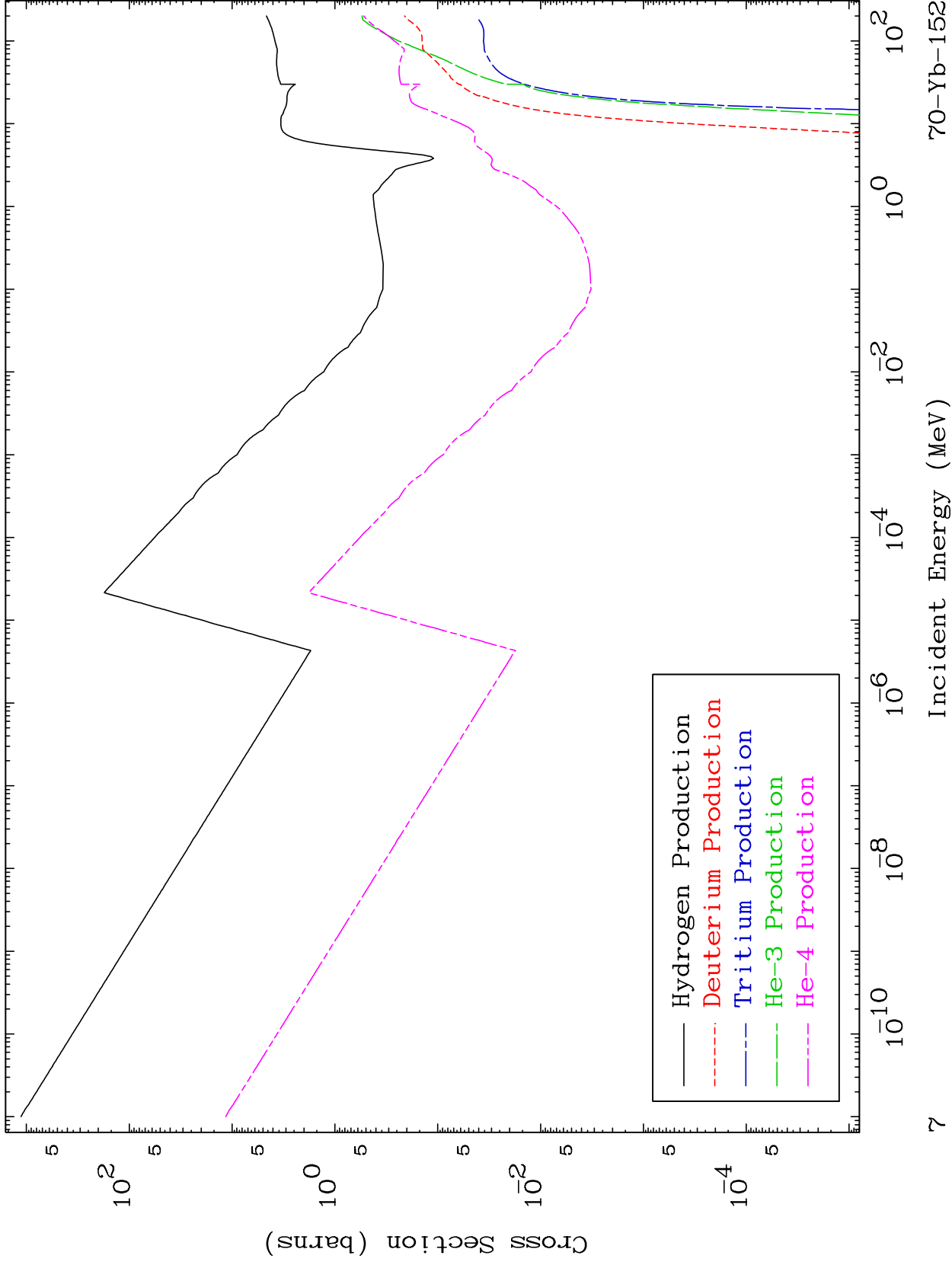
70-Yb-152



MAT 6977

Particle Production
293 Kelvin Cross Sections

70-Yb-152

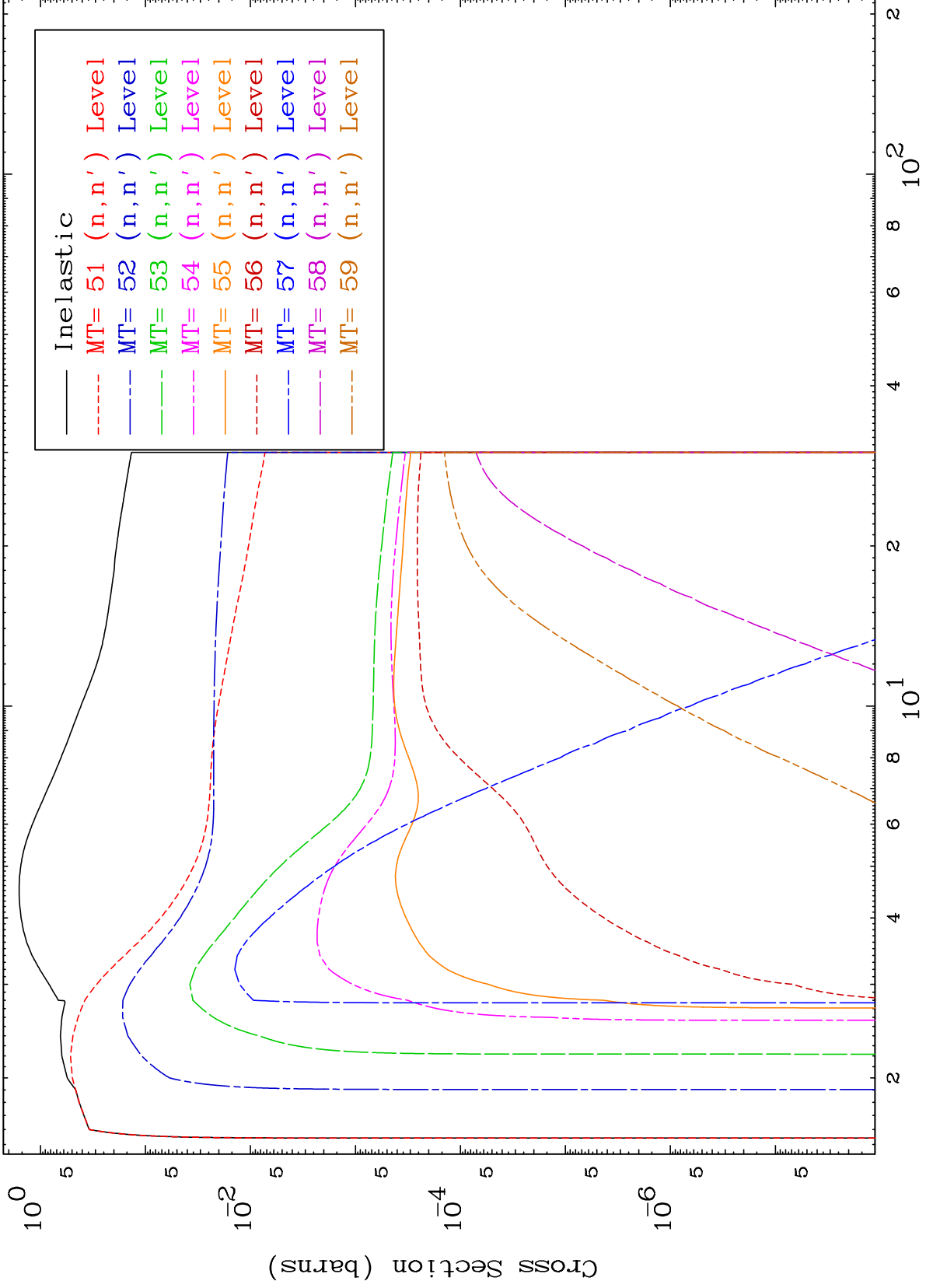


MAT 6977

(n,n') Levels

70-Yb-152

293 Kelvin Cross Sections

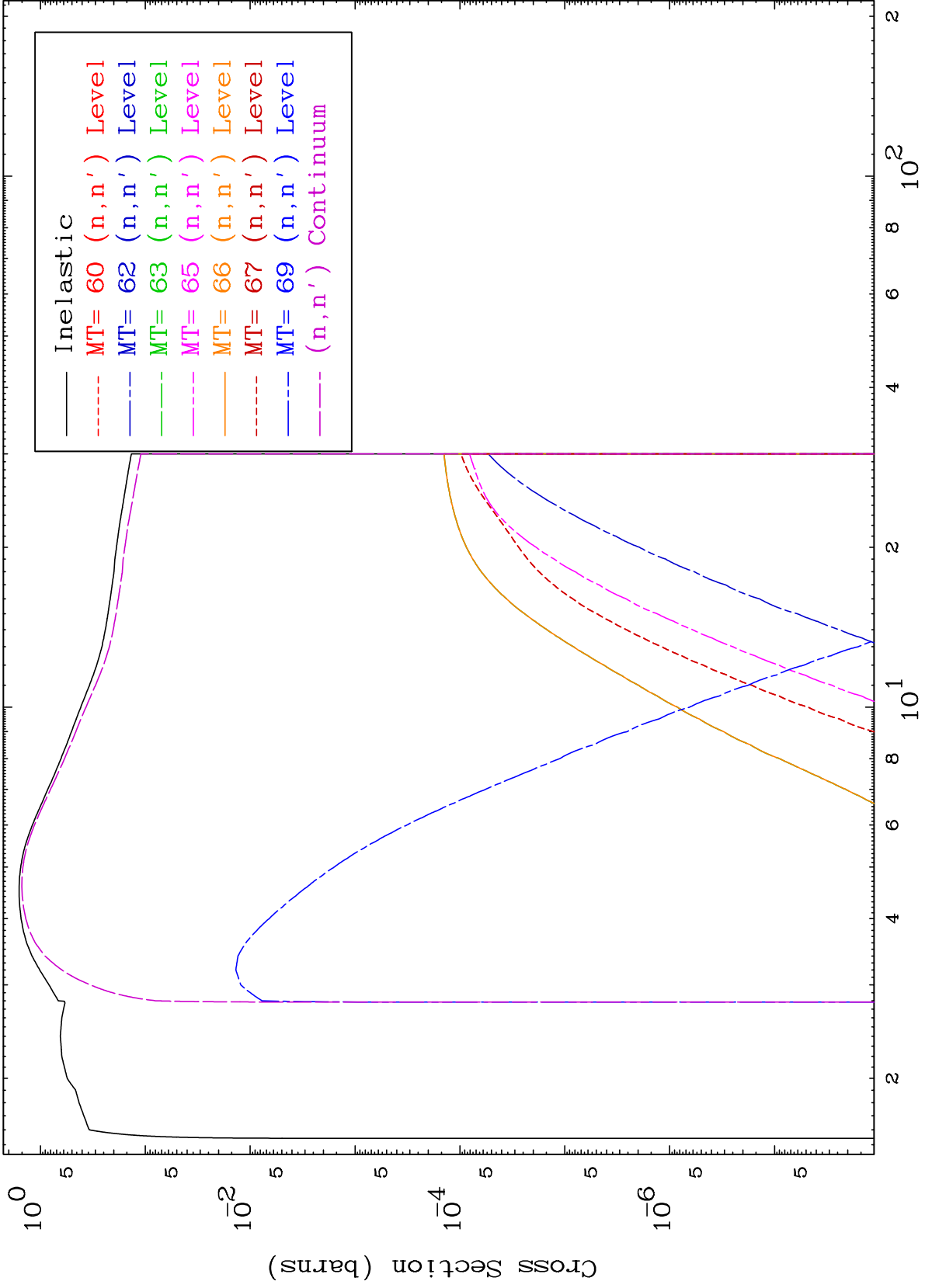


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Incident Energy (MeV)

70-Yb-152

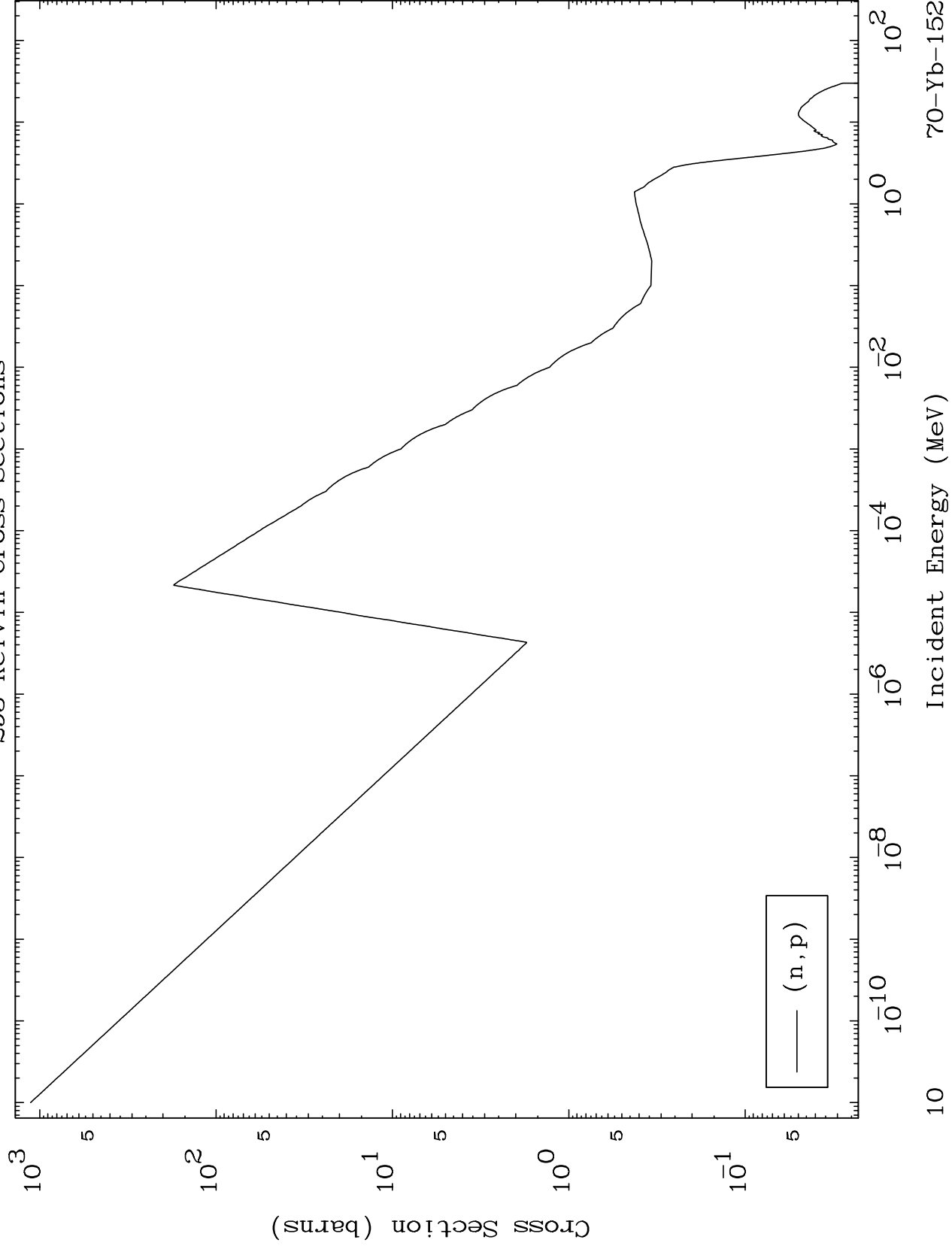
293 Kelvin Cross Sections



MAT 6977

(n,p) Levels
293 Kelvin Cross Sections

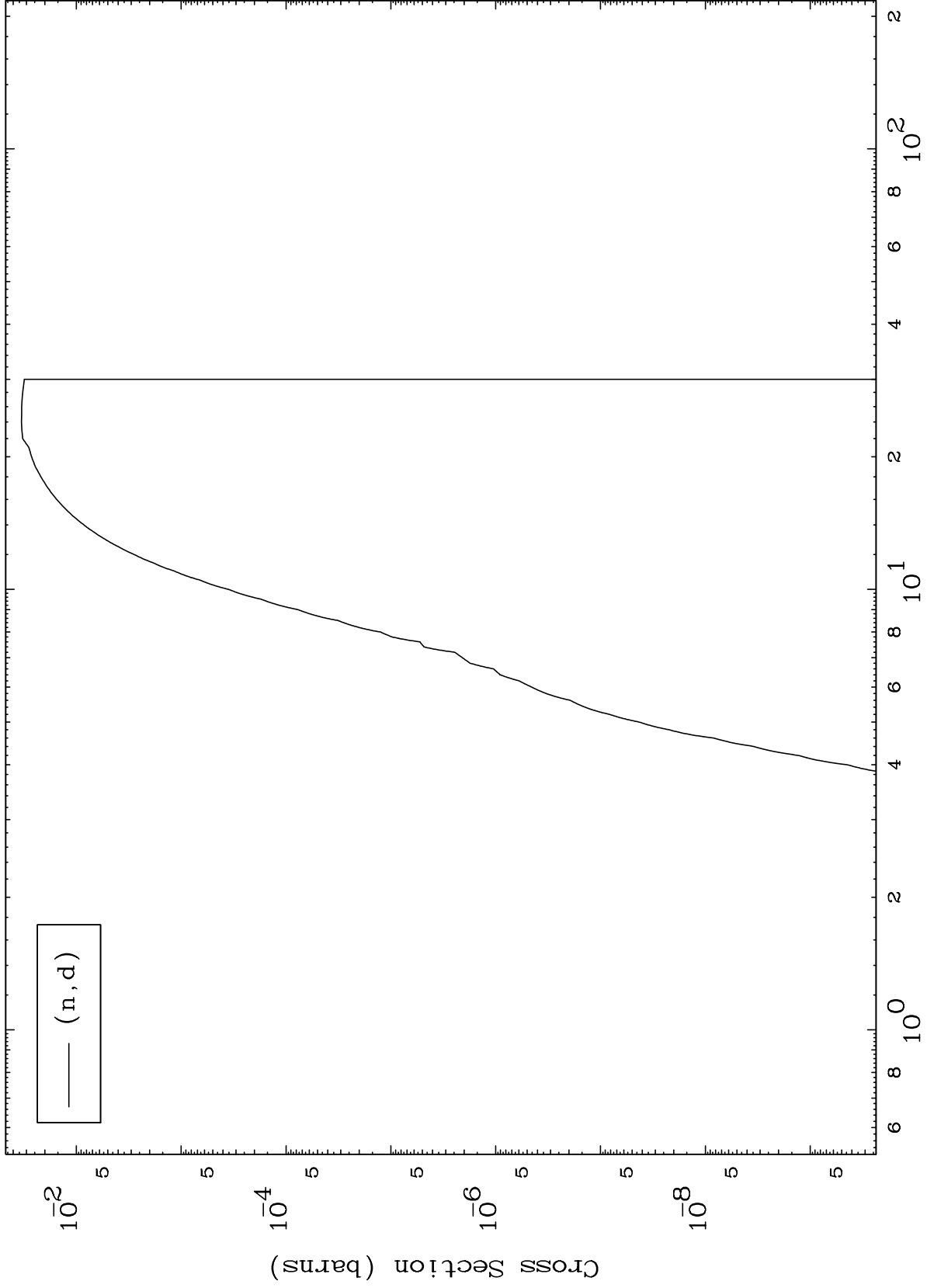
70-Yb-152



MAT 6977

(n,d) Levels
293 Kelvin Cross Sections

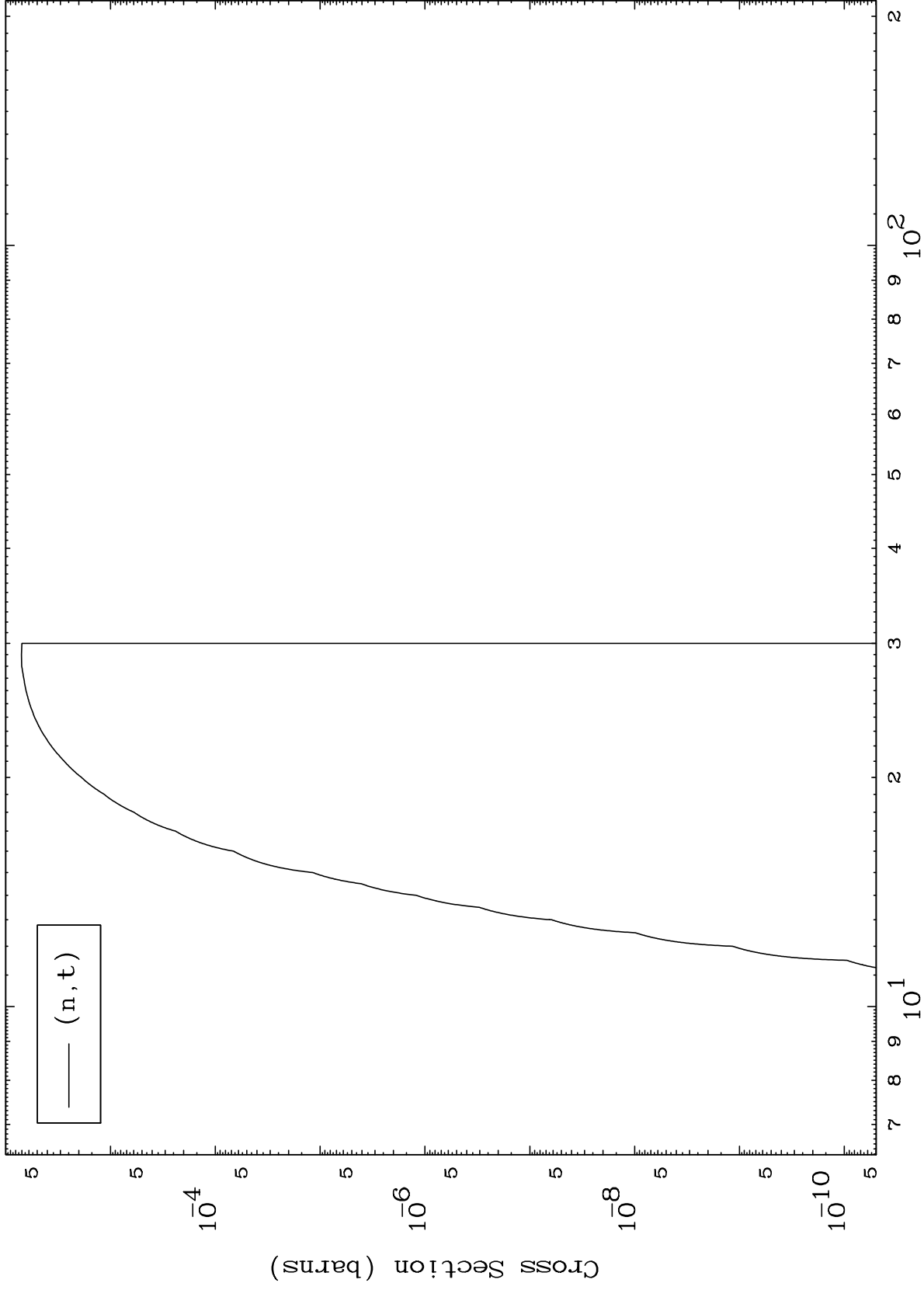
70-Yb-152



MAT 6977

(n,t) Levels
293 Kelvin Cross Sections

70-Yb-152



12

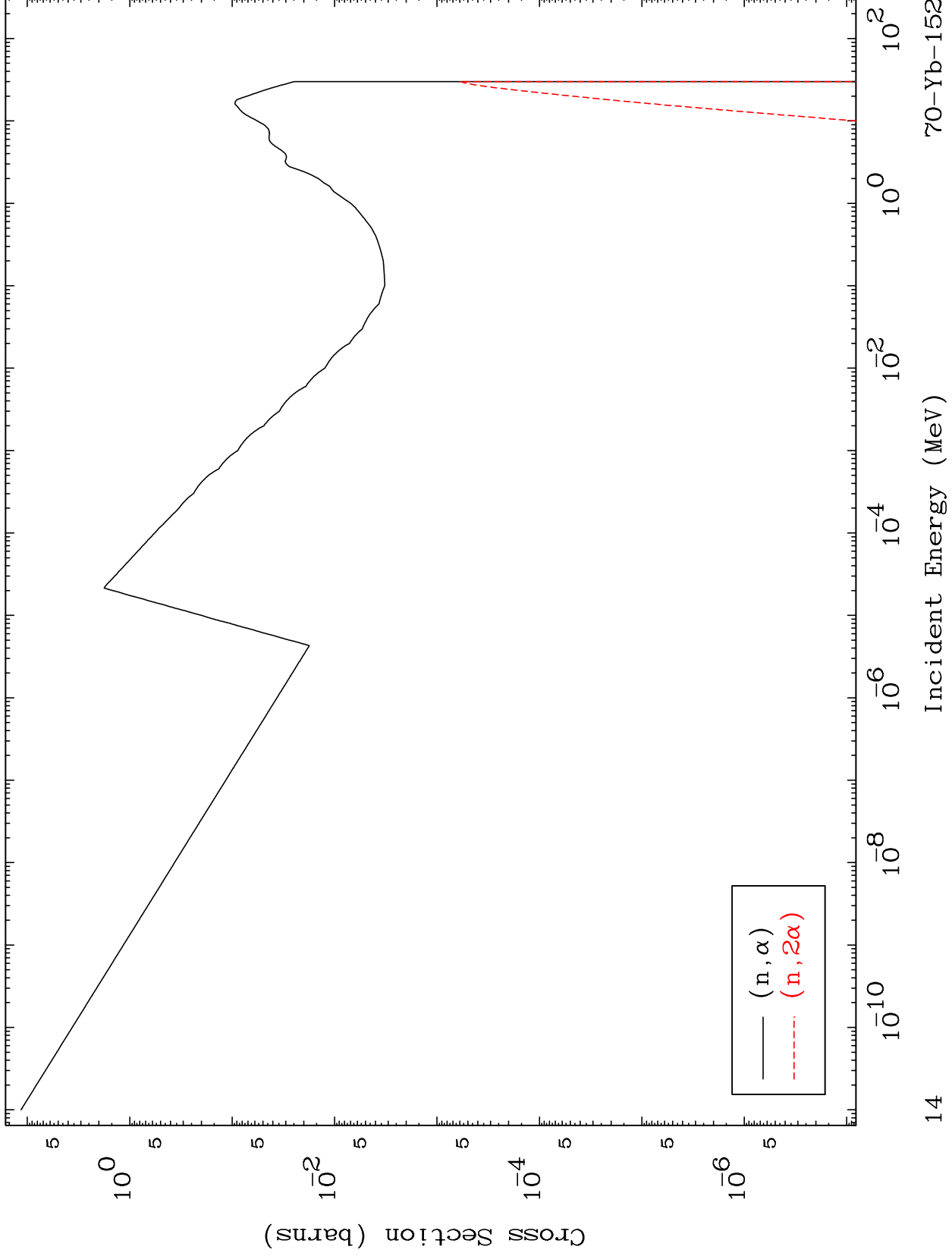
Incident Energy (MeV)

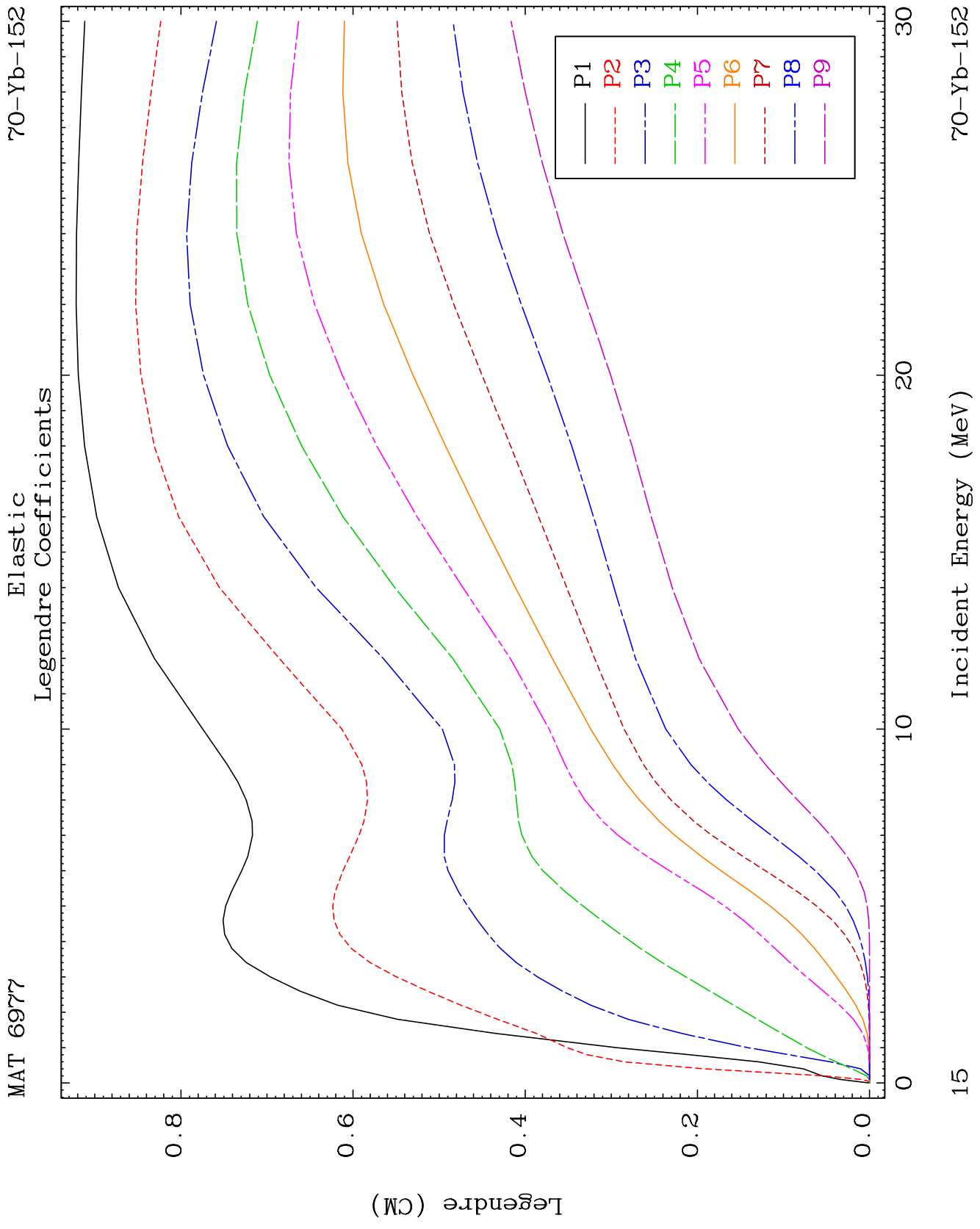
70-Yb-152

MAT 6977

(n,α) Levels
293 Kelvin Cross Sections

70-Yb-152

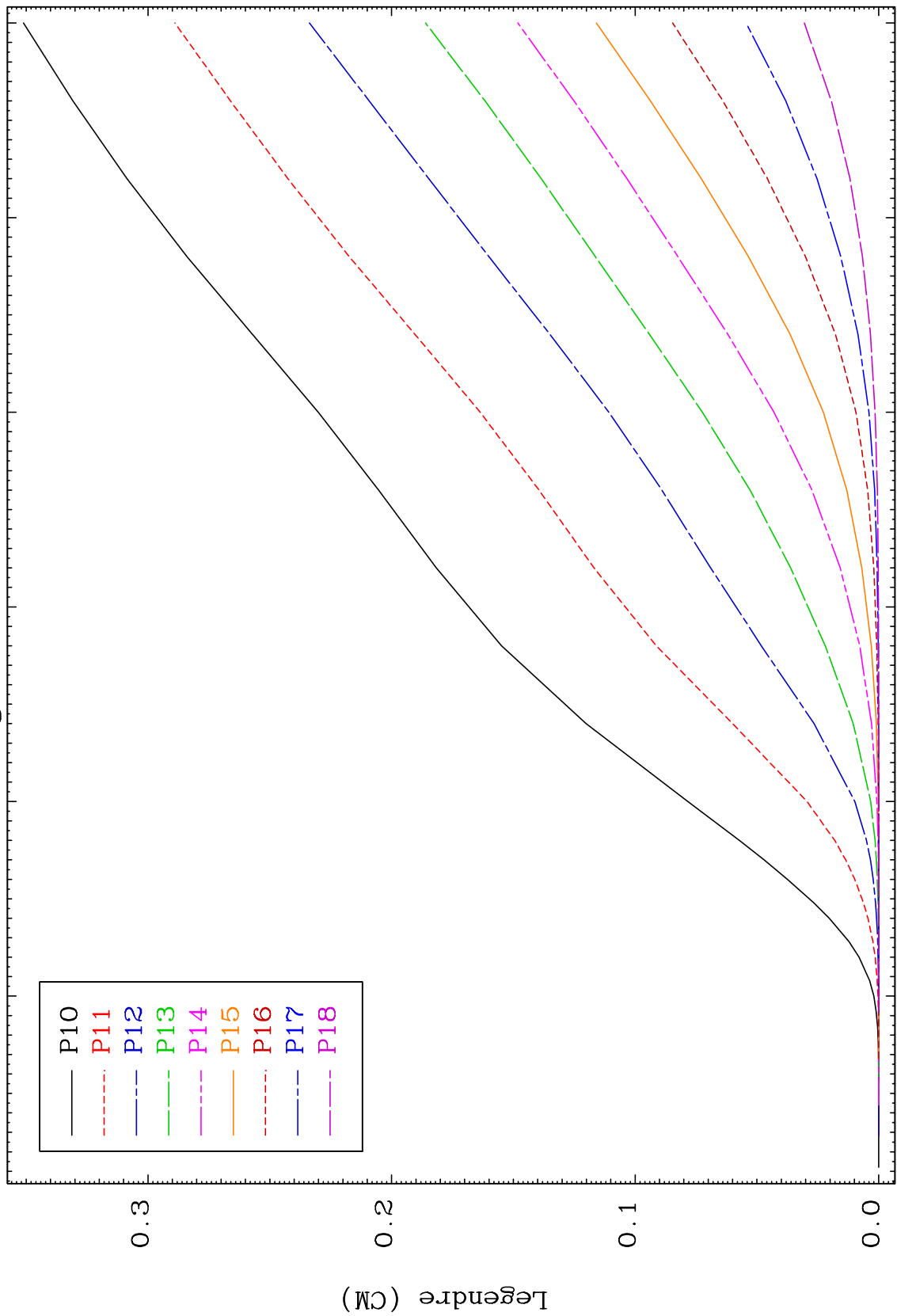




MAT 6977

Elastic Legendre Coefficients

70-Yb-152



16

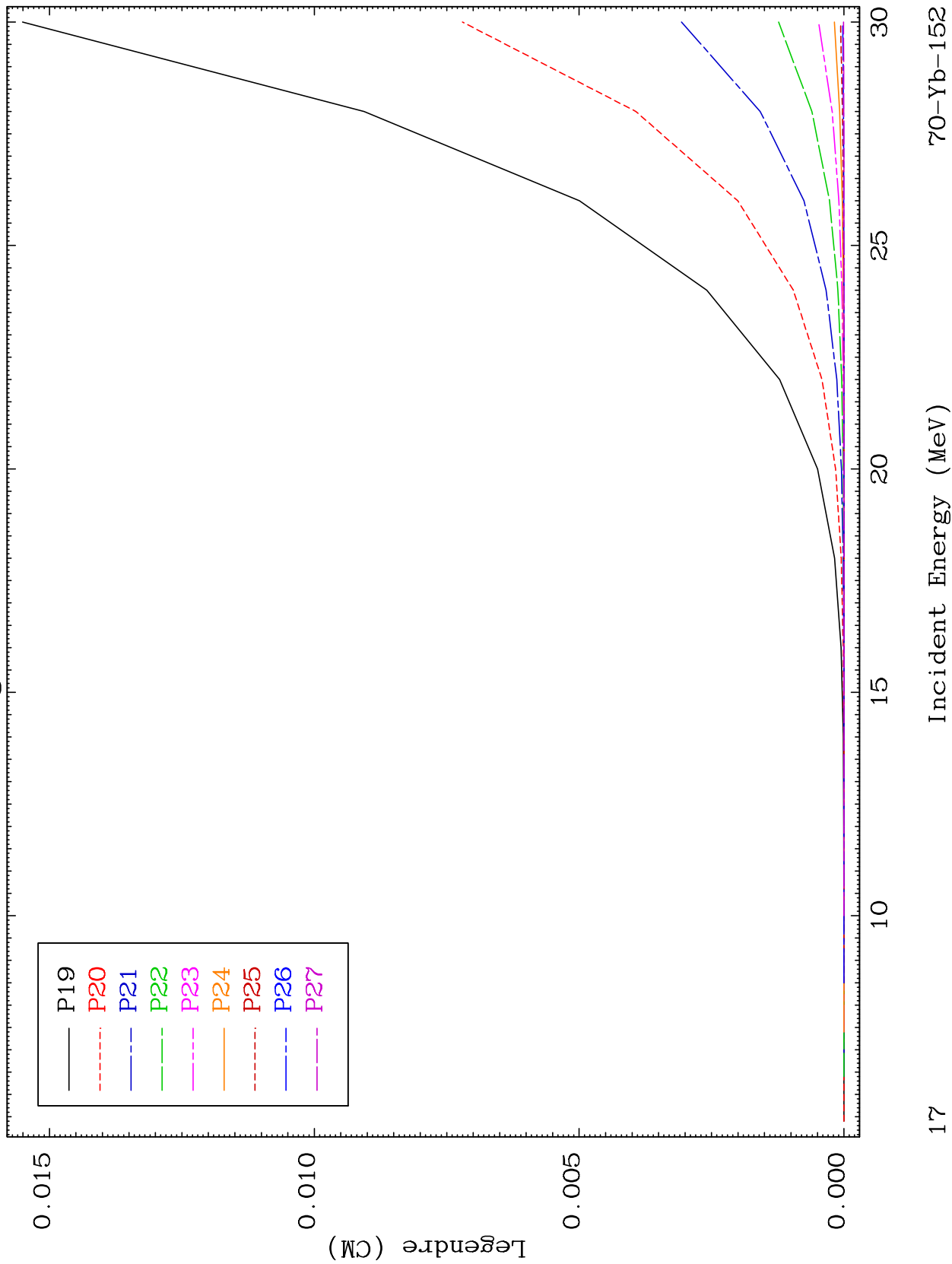
Incident Energy (MeV)

70-Yb-152

MAT 6977

Elastic Legendre Coefficients

70-Yb-152

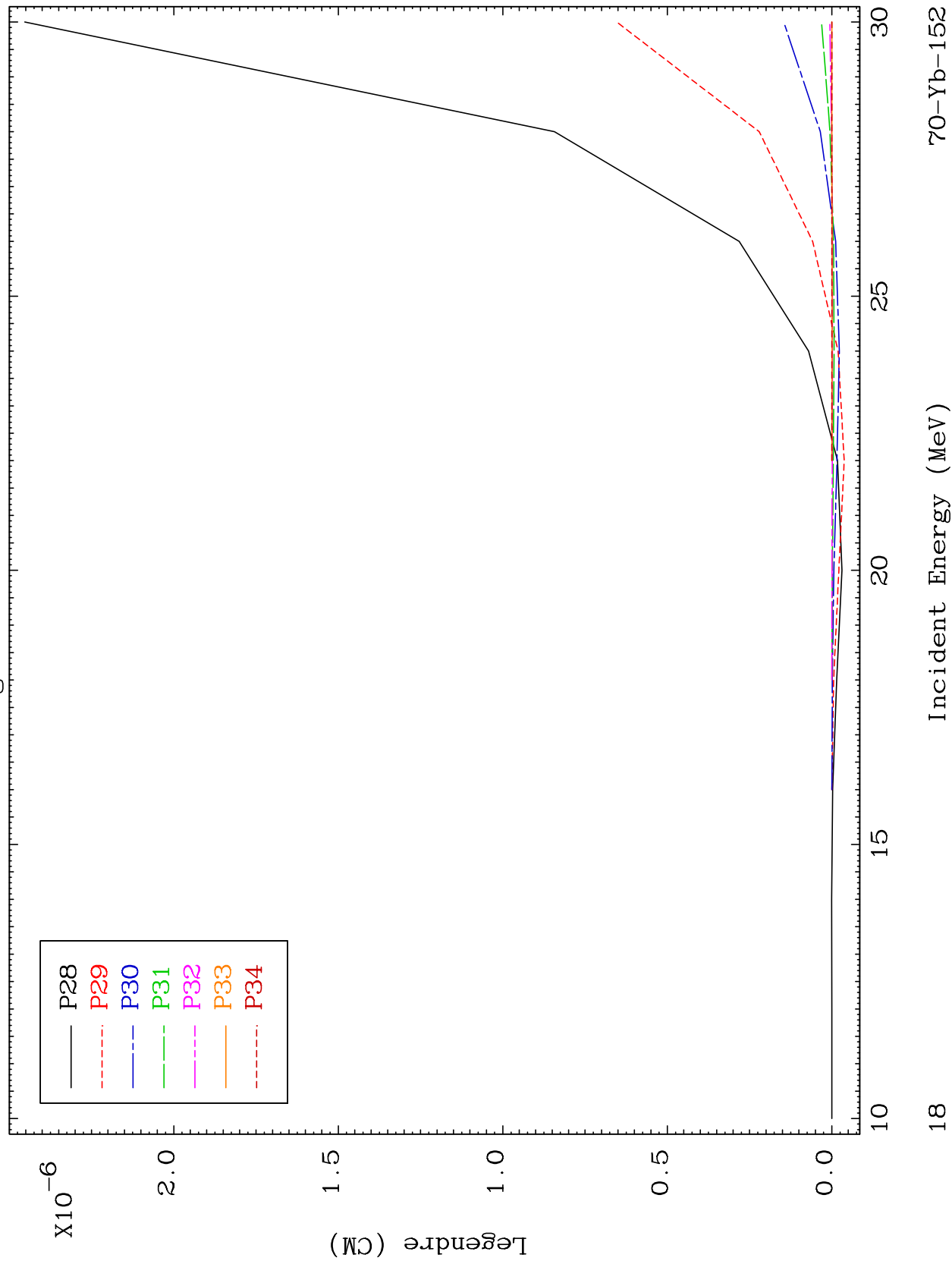


17

MAT 6977

Elastic Legendre Coefficients

70-Yb-152



18

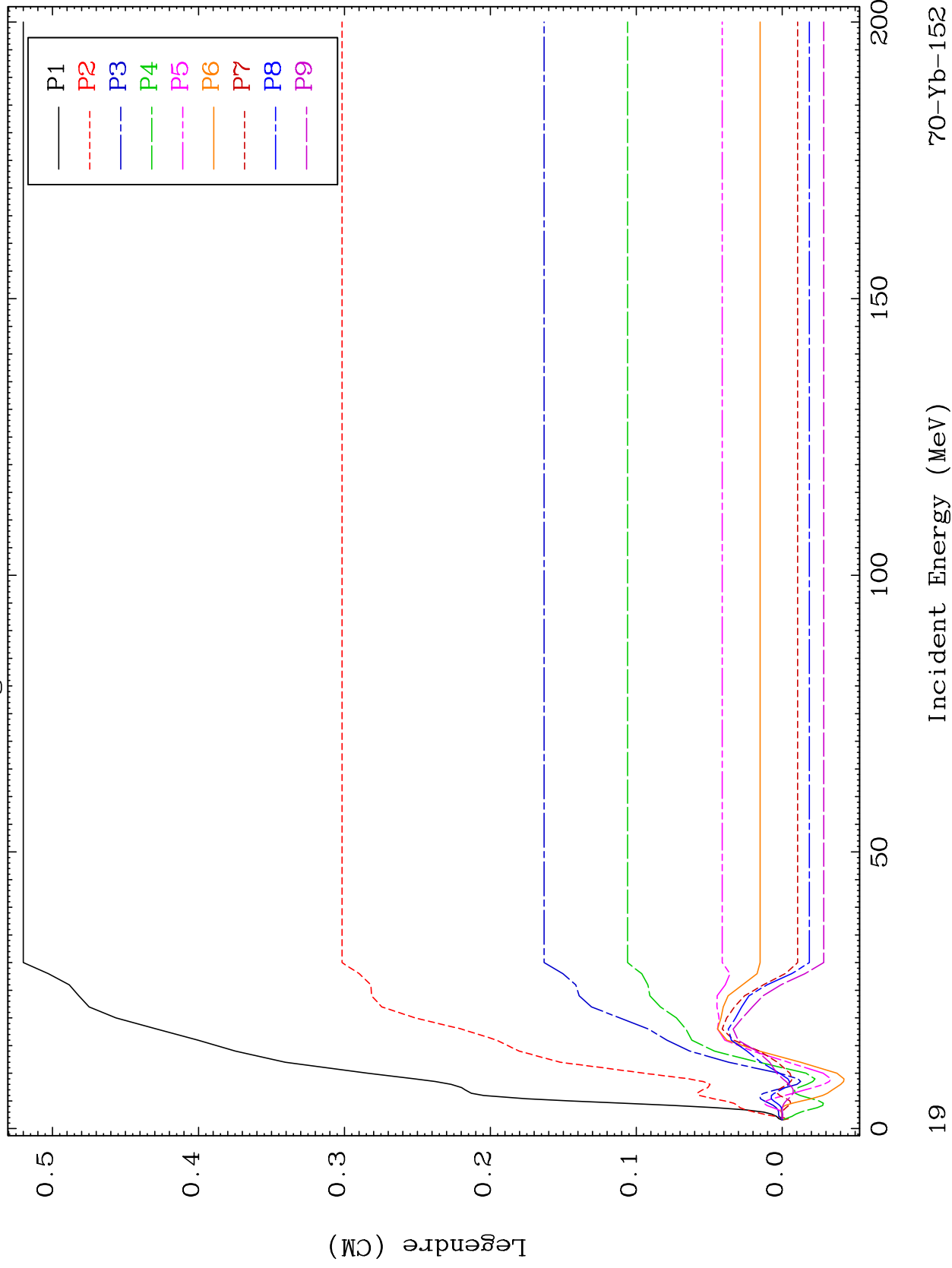
Incident Energy (MeV)

70-Yb-152

MAT 6977

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

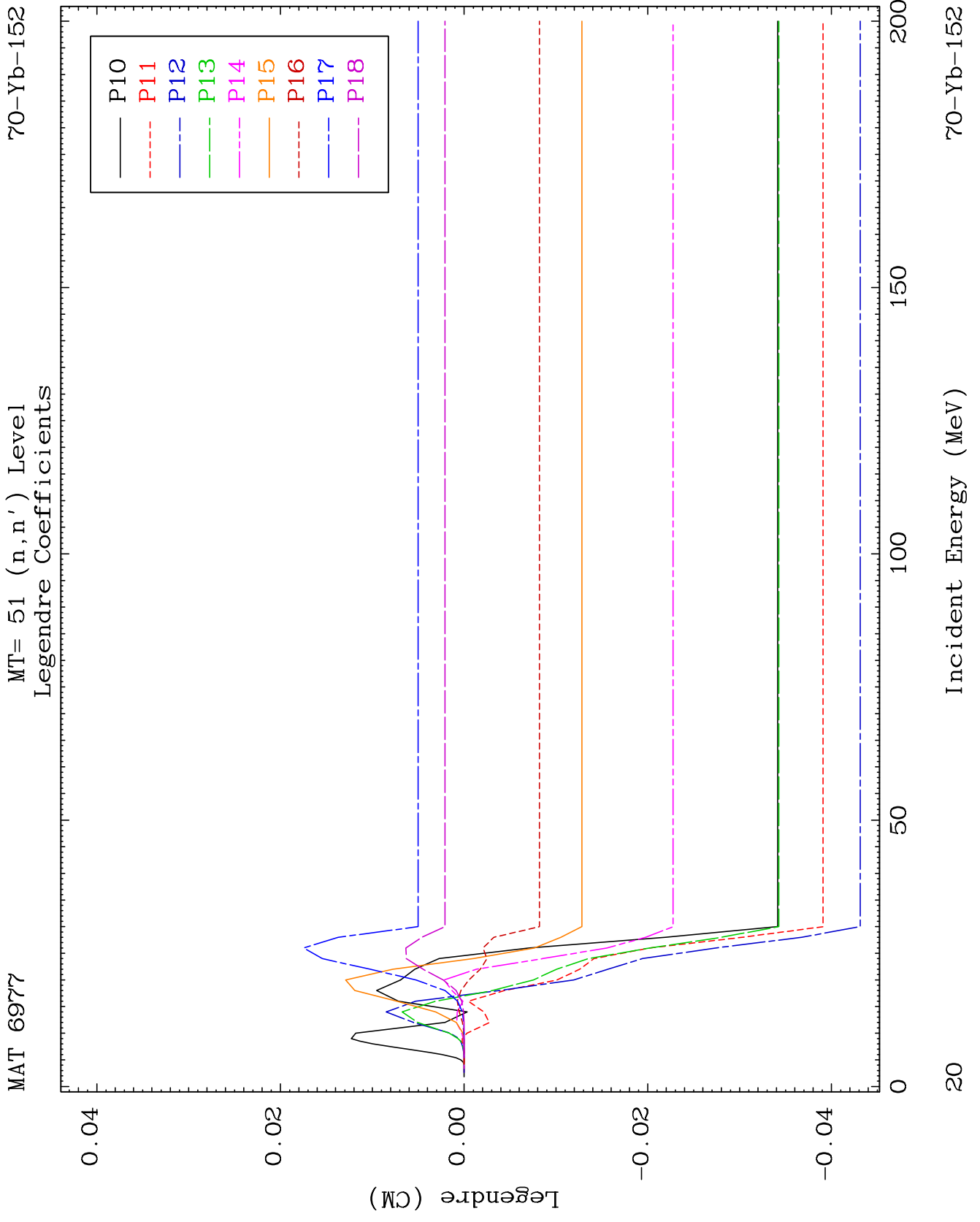
70-Yb-152



19

Incident Energy (MeV)

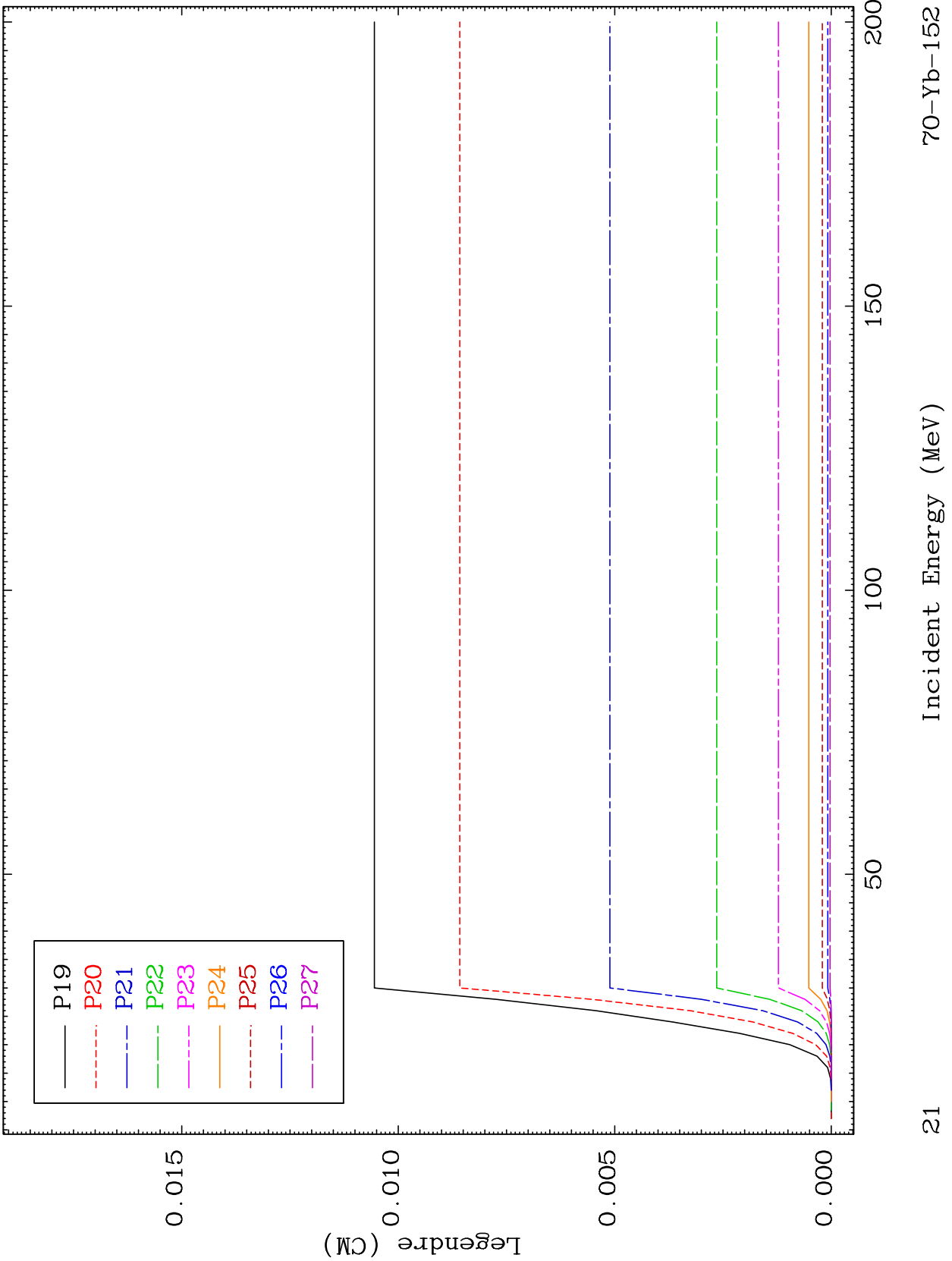
70-Yb-152



MAT 6977

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

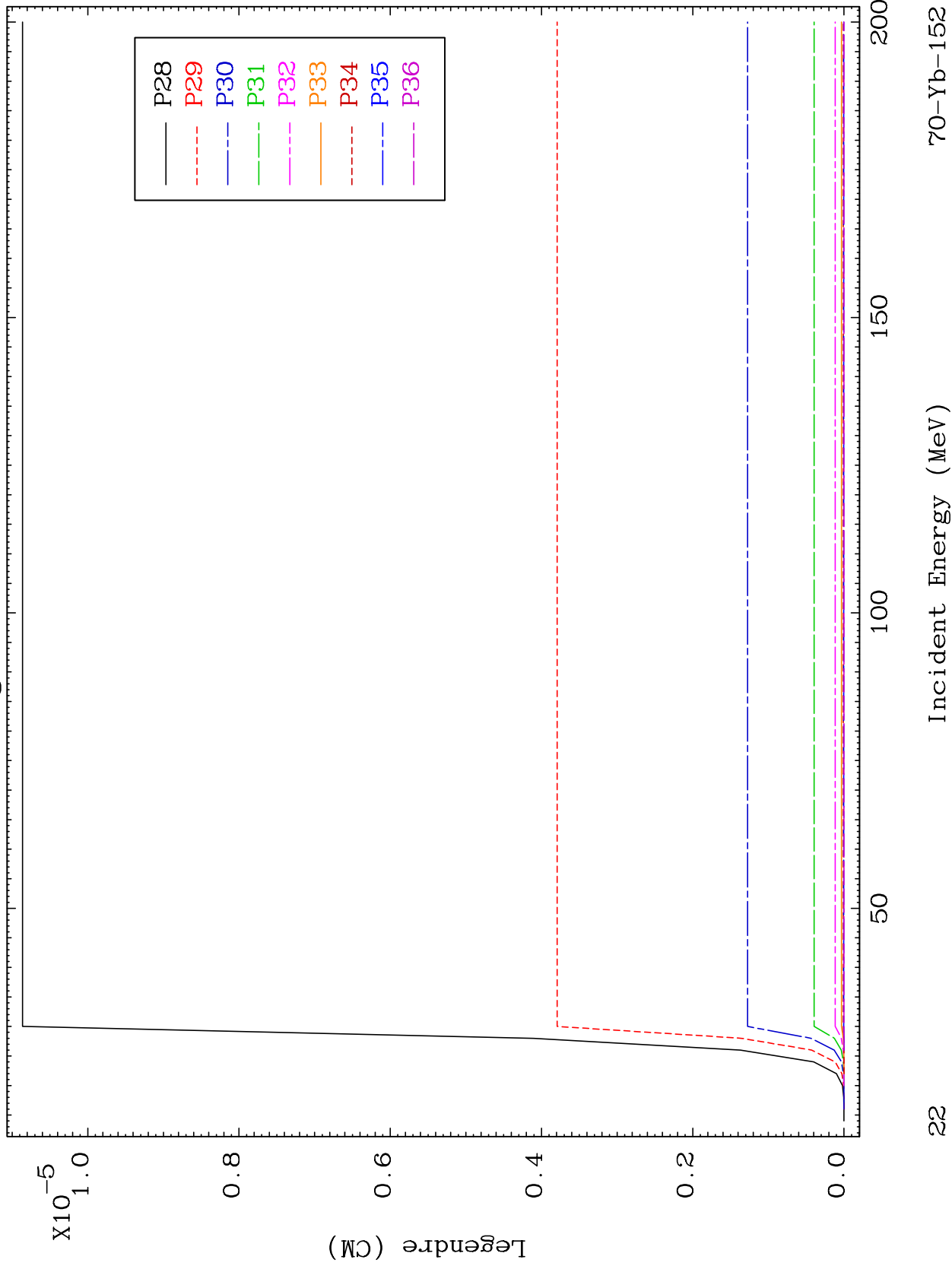
70-Yb-152



MAT 6977

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

70-Yb-152



22

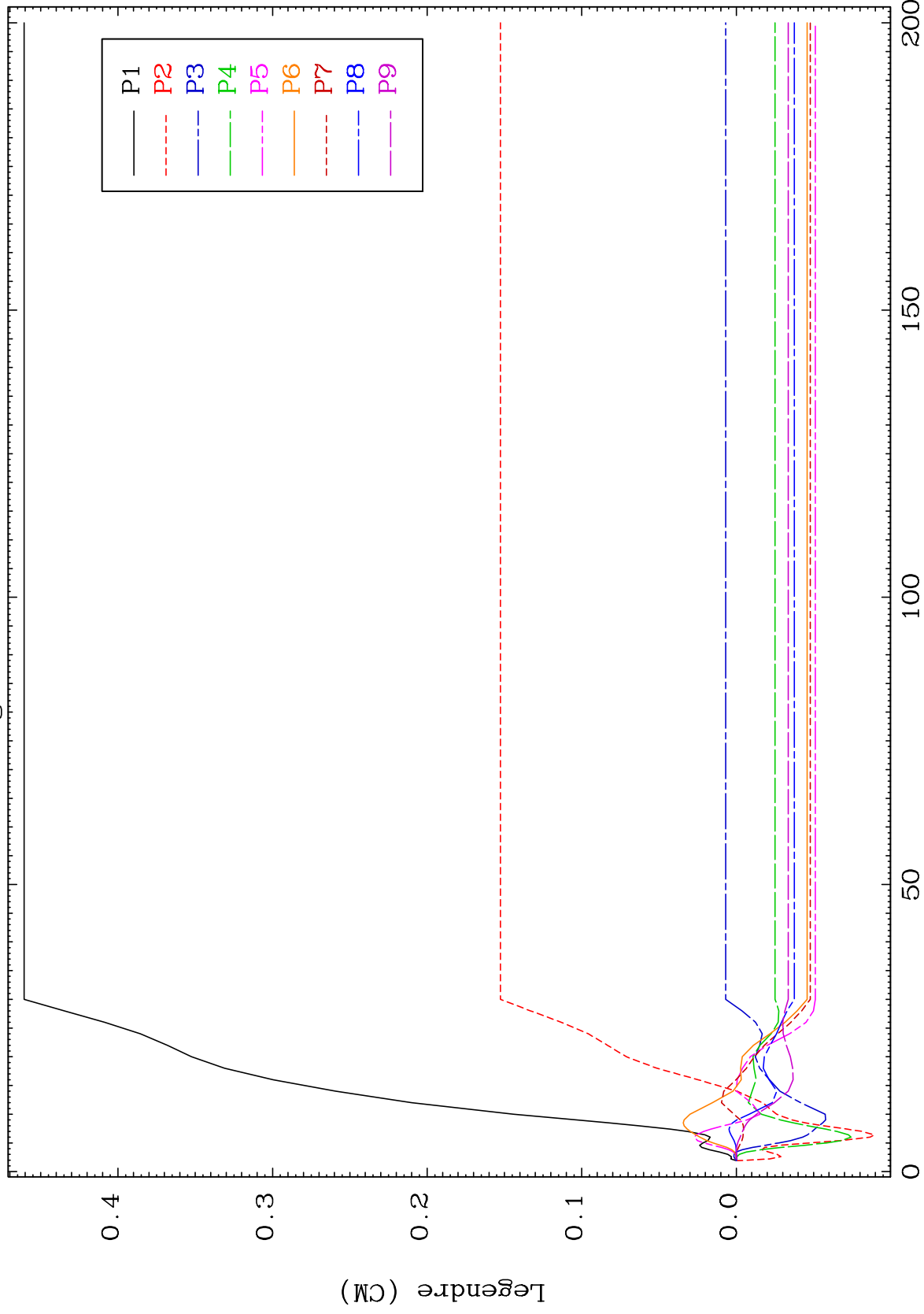
Incident Energy (MeV)

70-Yb-152

MAT 69777

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

70-Yb-152



23

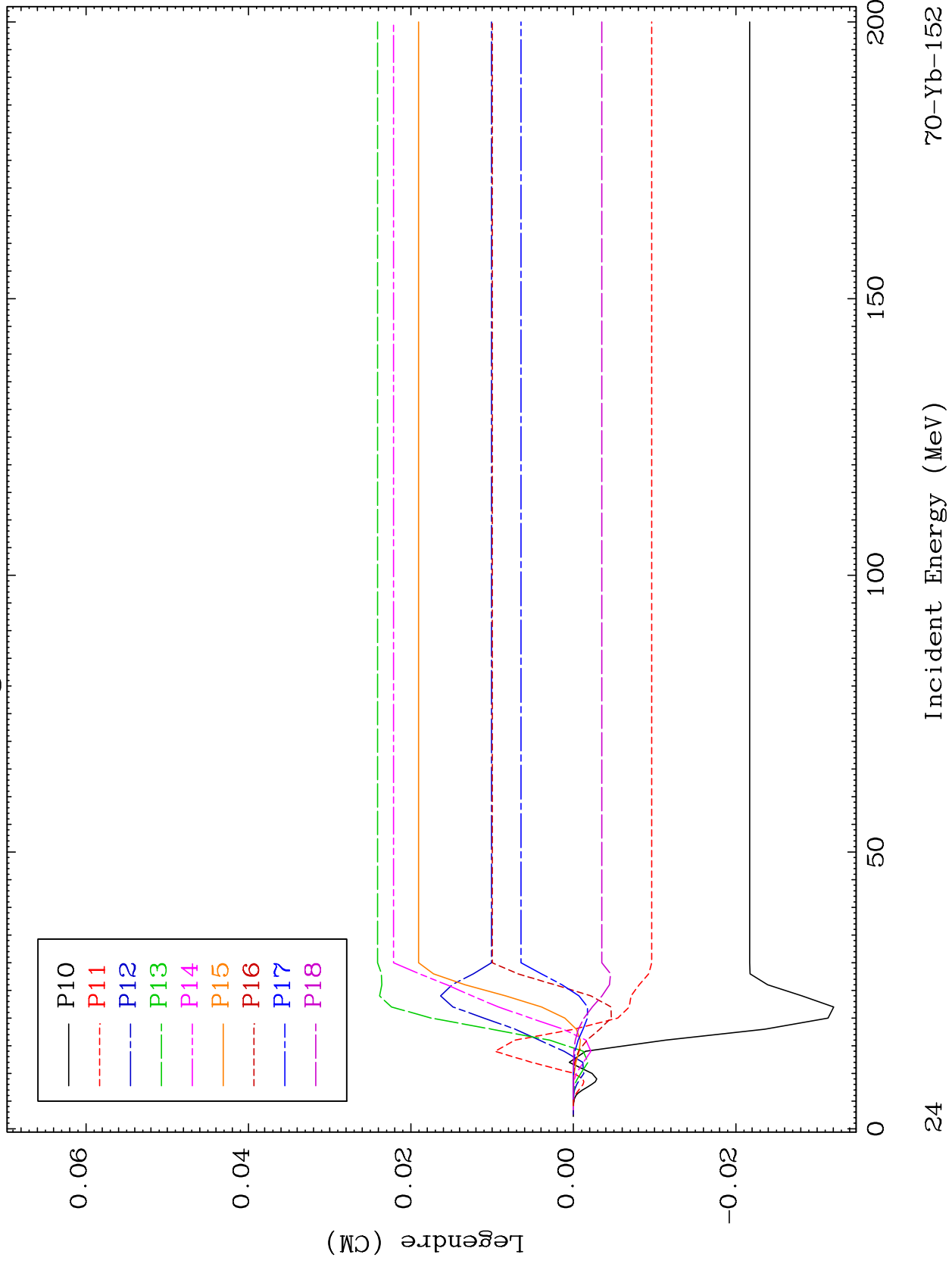
Incident Energy (MeV)

70-Yb-152

MAT 6977

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

70-Yb-152



24

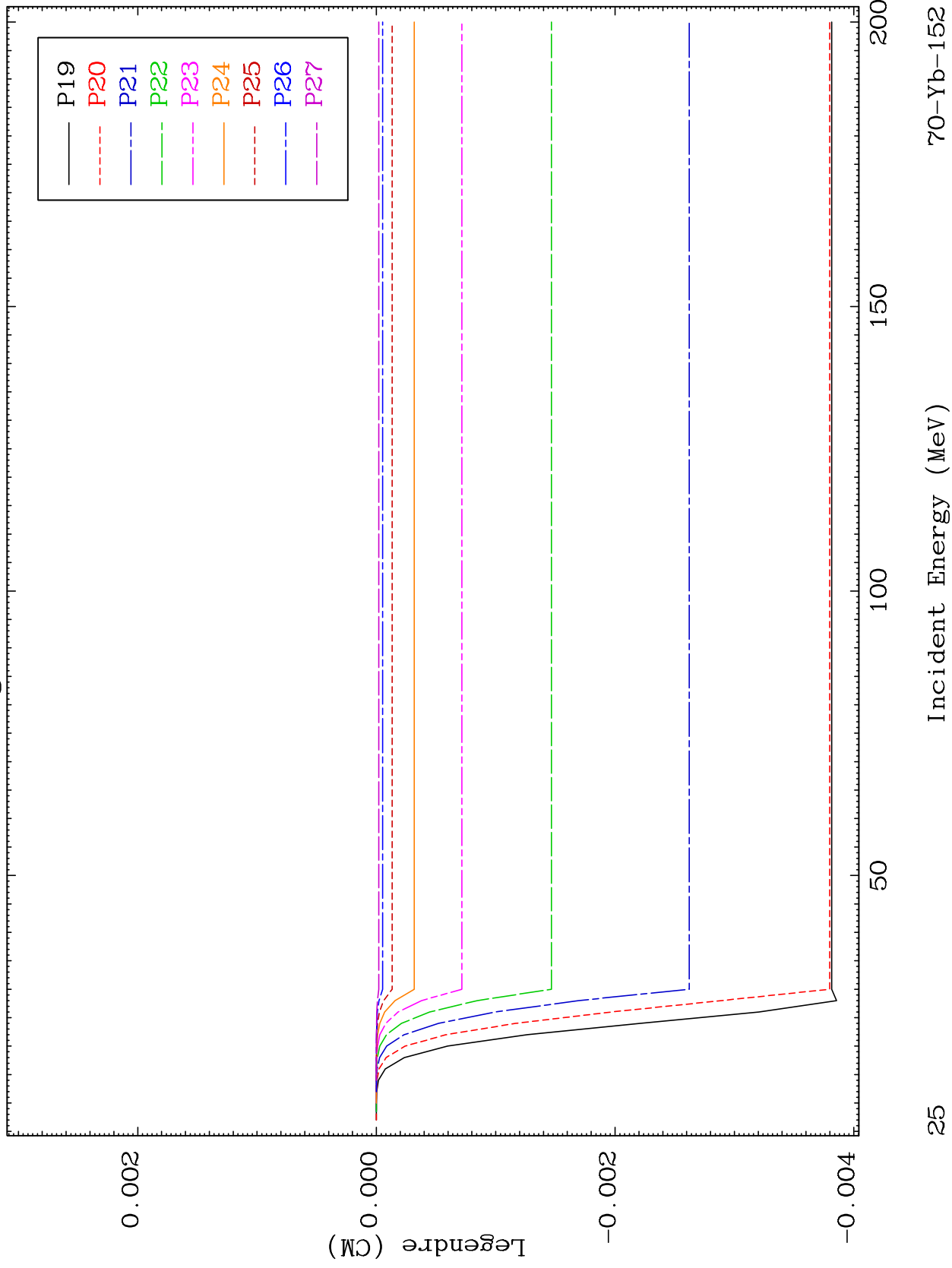
Incident Energy (MeV)

70-Yb-152

MAT 6977

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

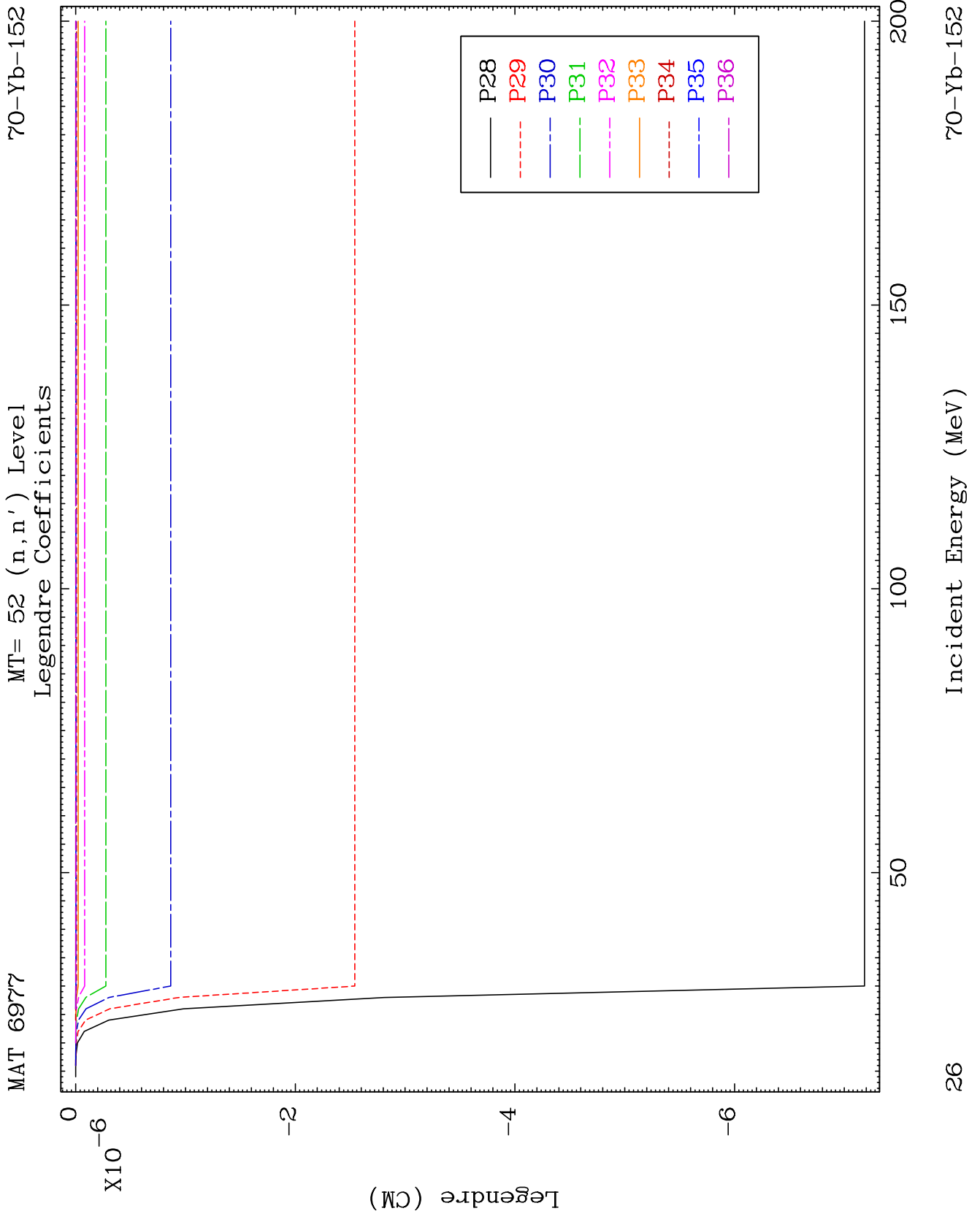
70-Yb-152



25

Incident Energy (MeV)

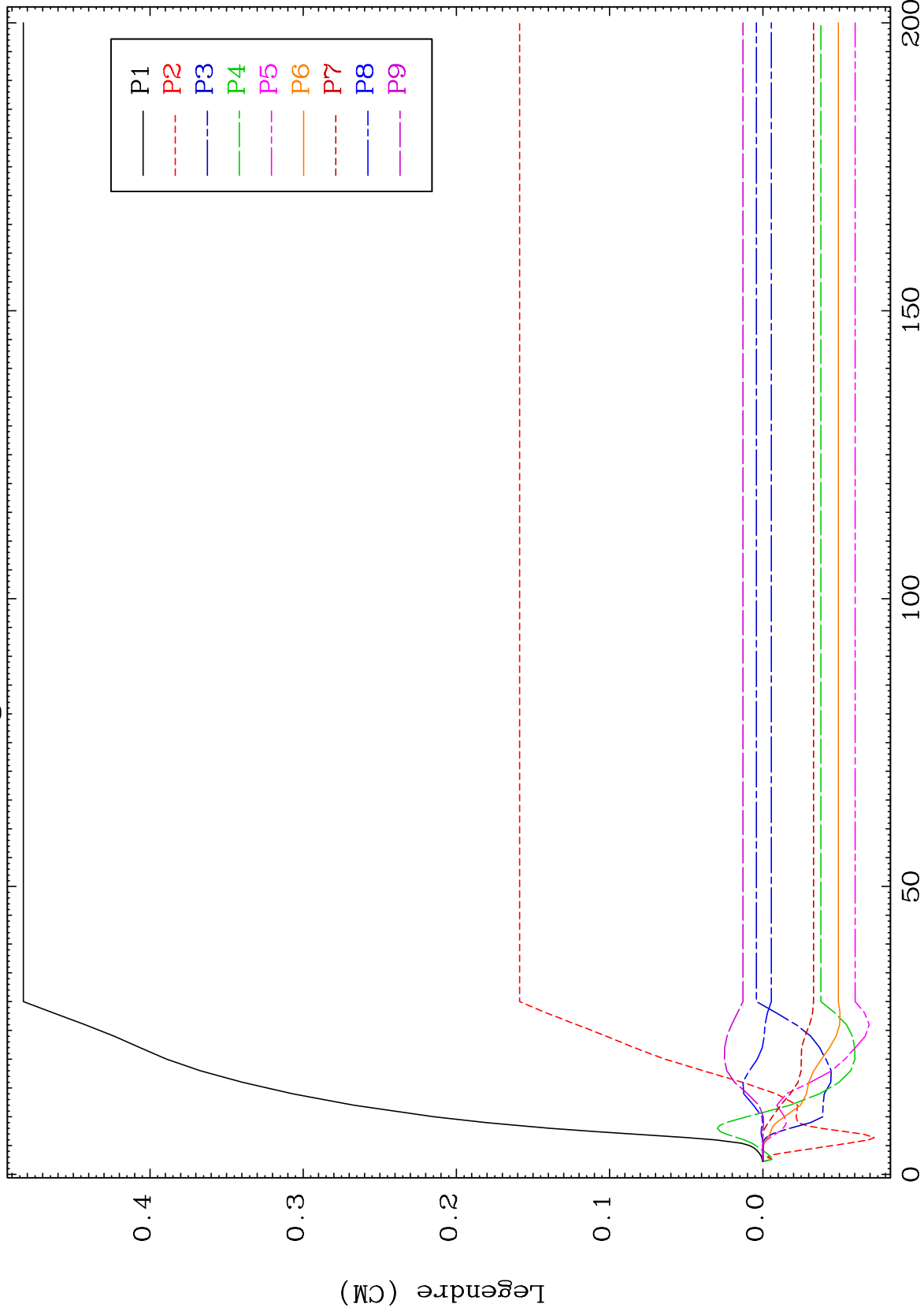
70-Yb-152



MAT 6977

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

70-Yb-152



27

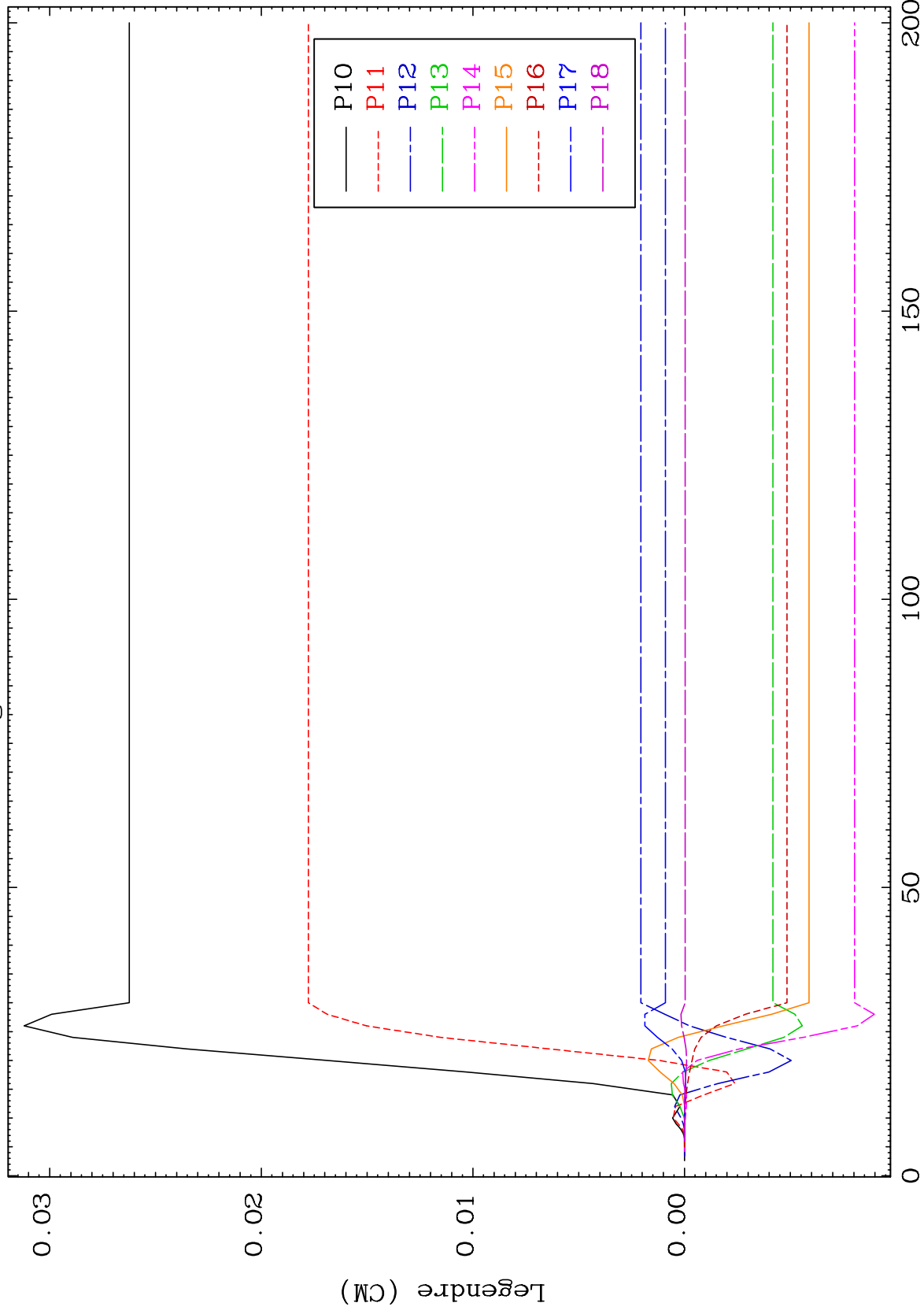
Incident Energy (MeV)

70-Yb-152

MAT 69777

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

70-Yb-152



28

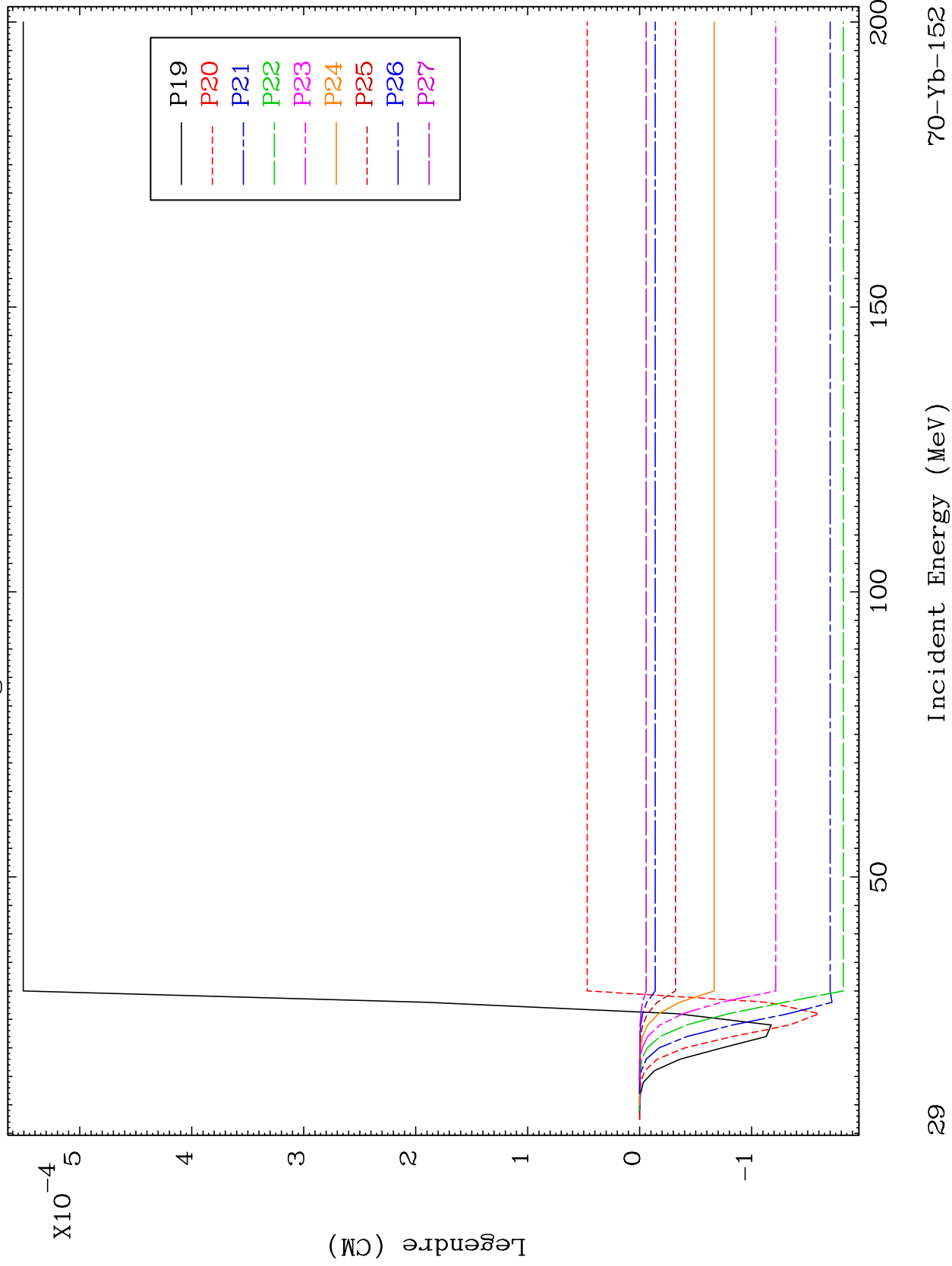
Incident Energy (MeV)

70-Yb-152

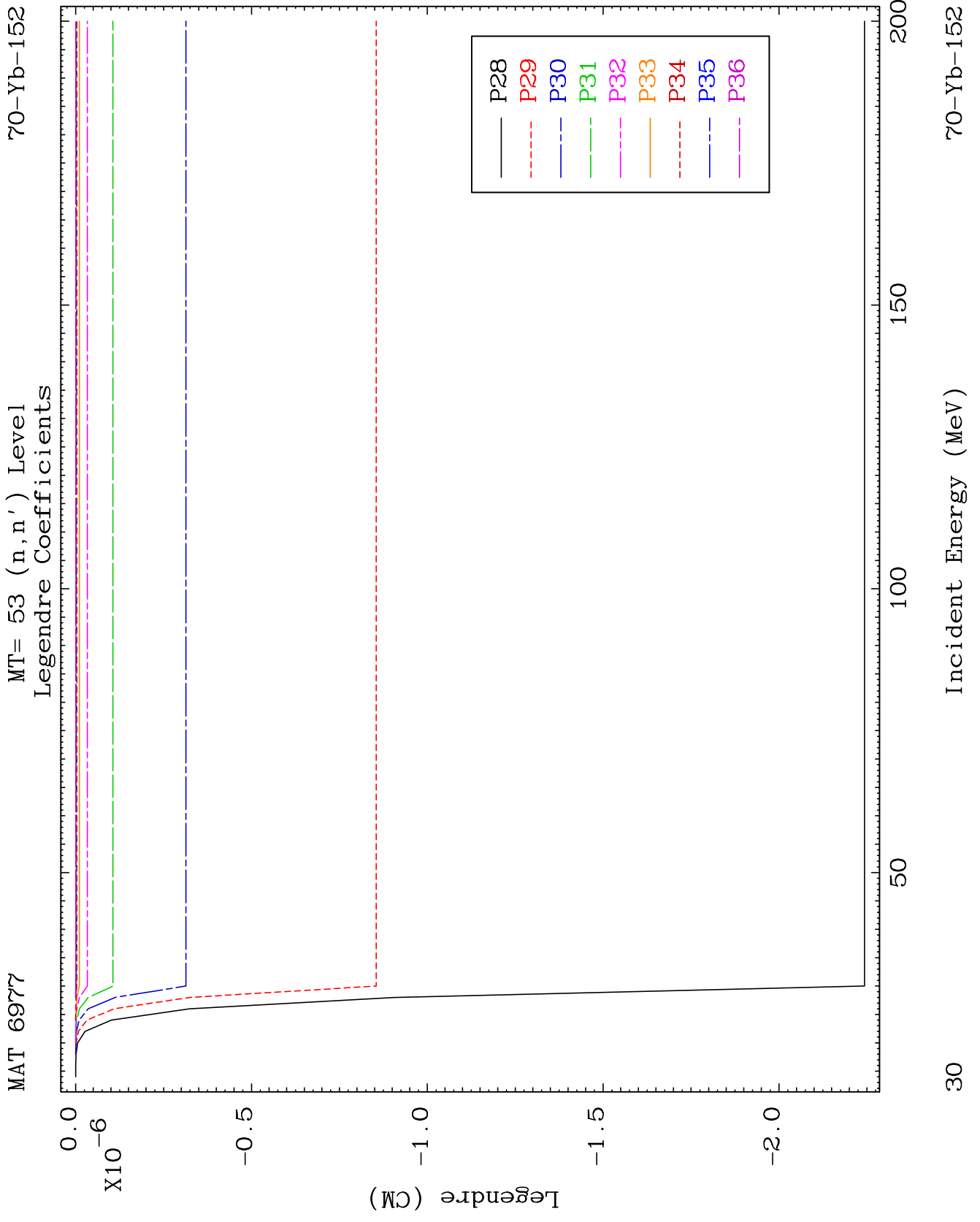
MAT 6977

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

70-Yb-152



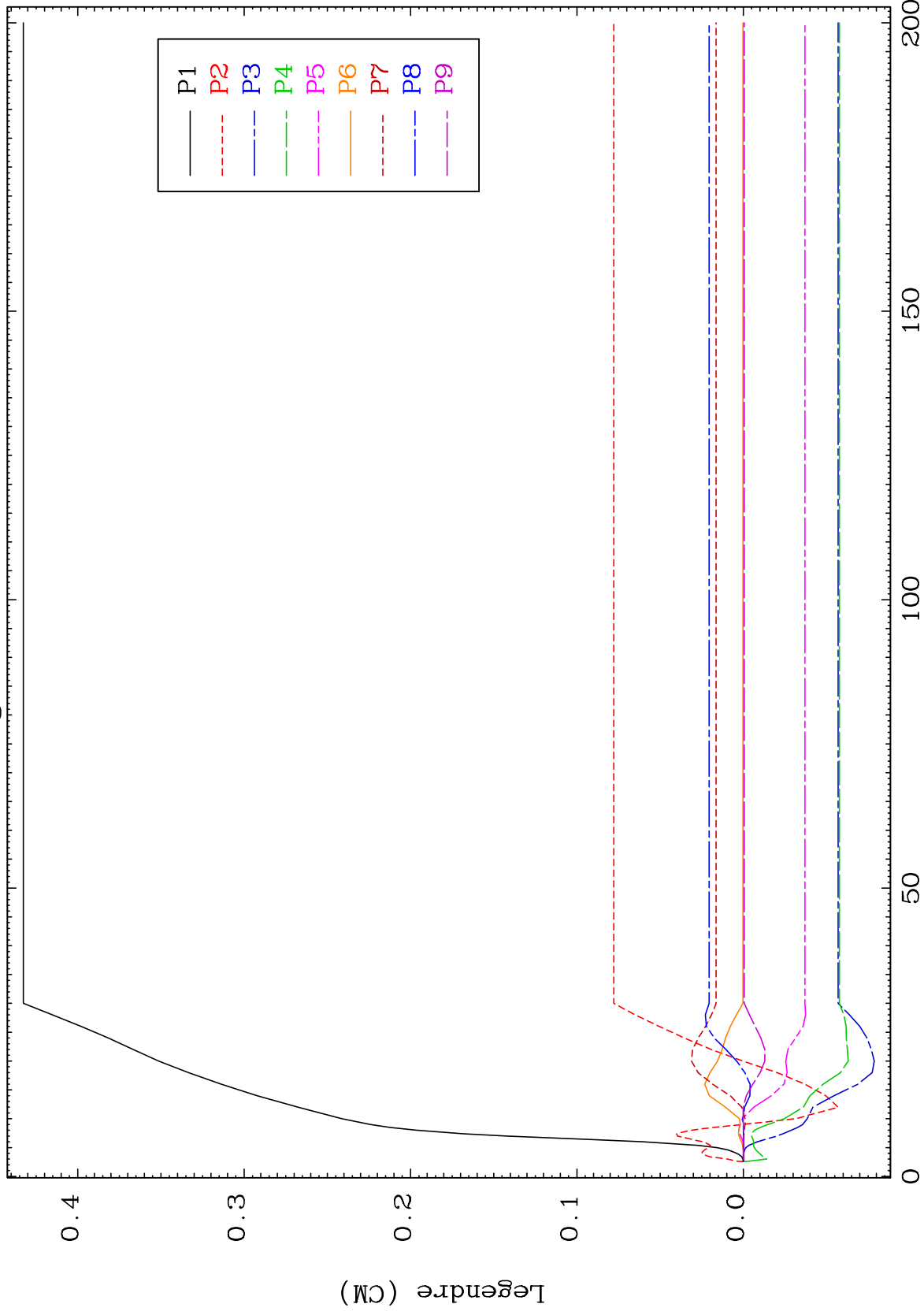
29



MAT 6977

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

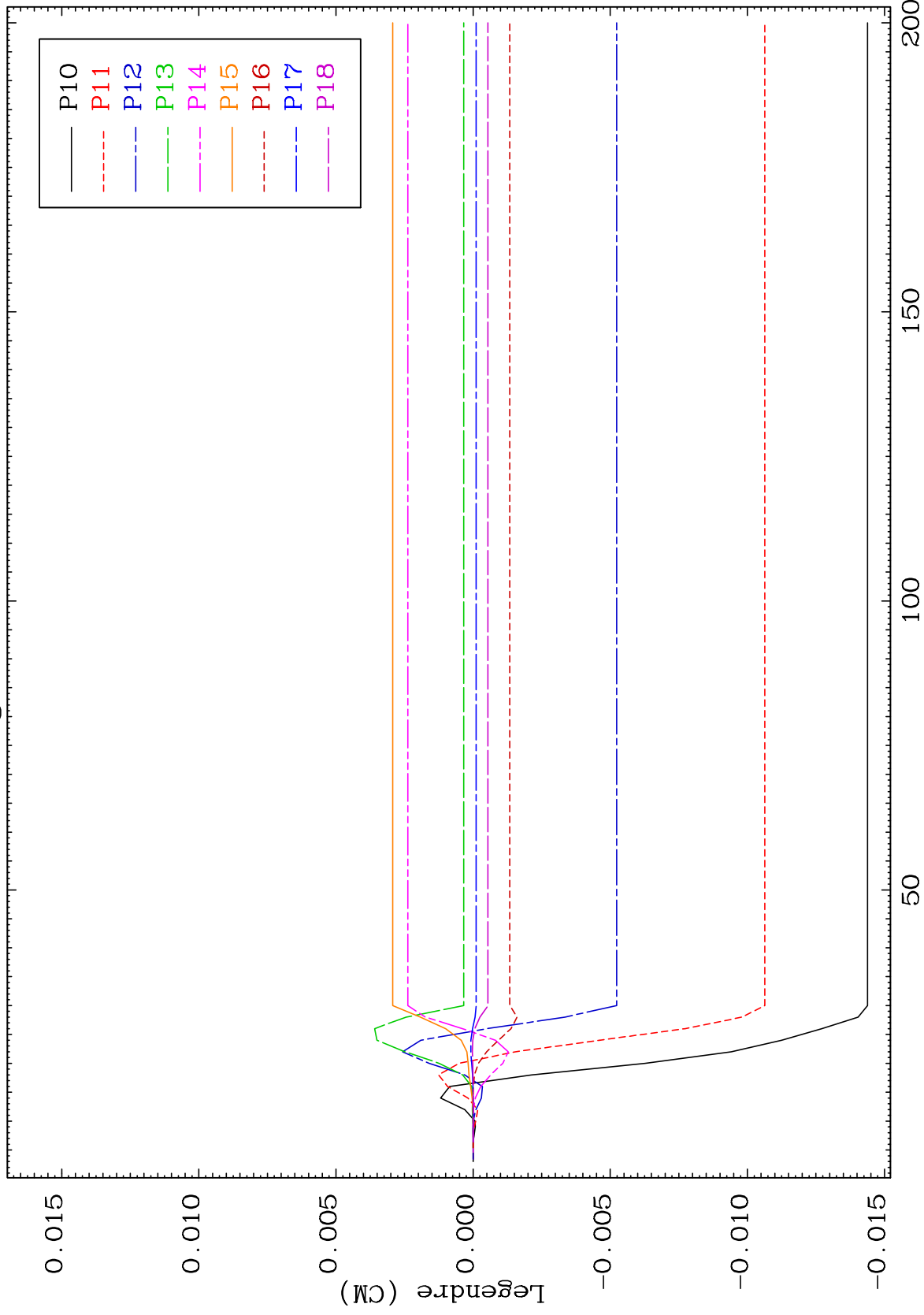
70-Yb-152



MAT 6977

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

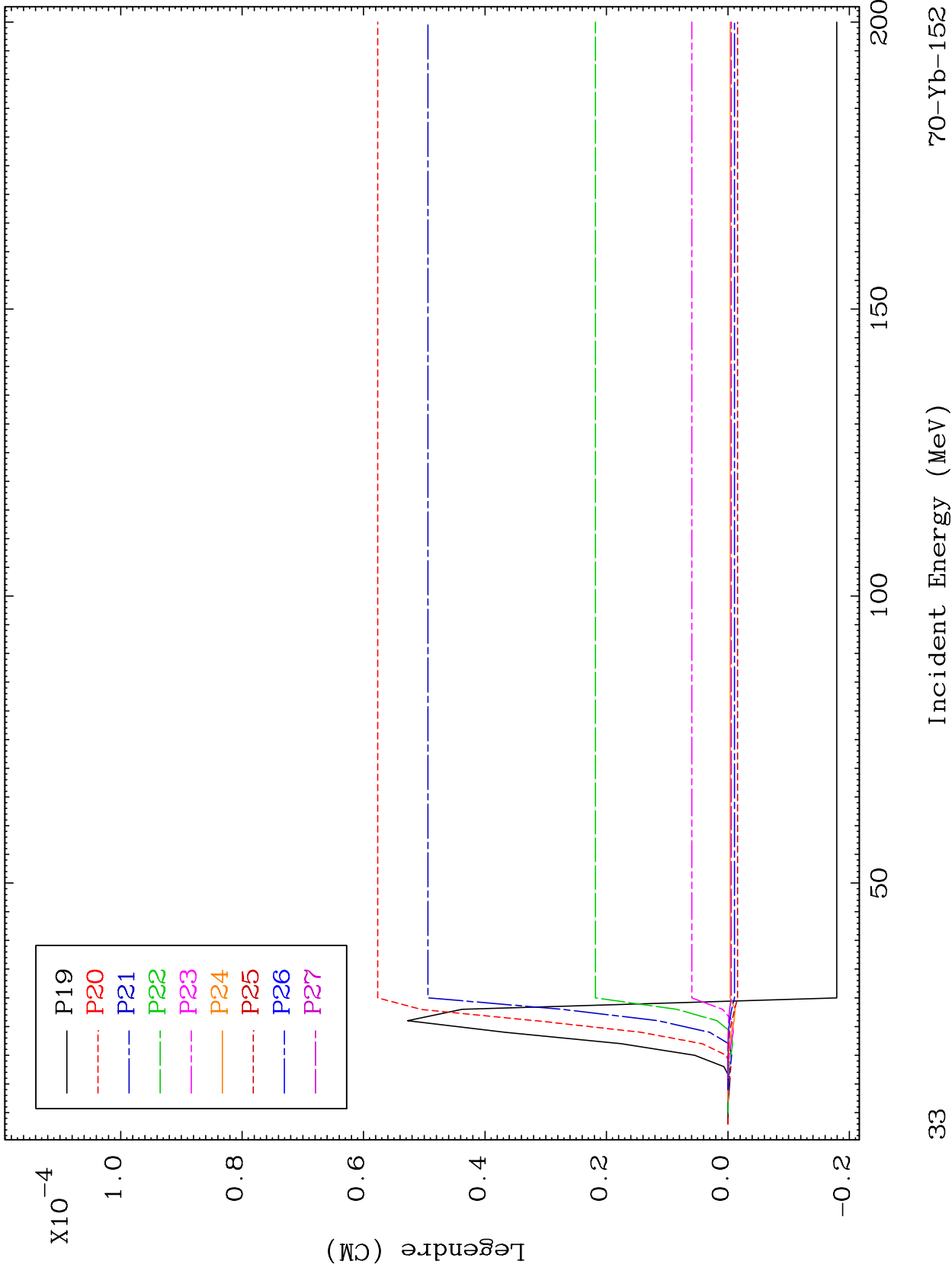
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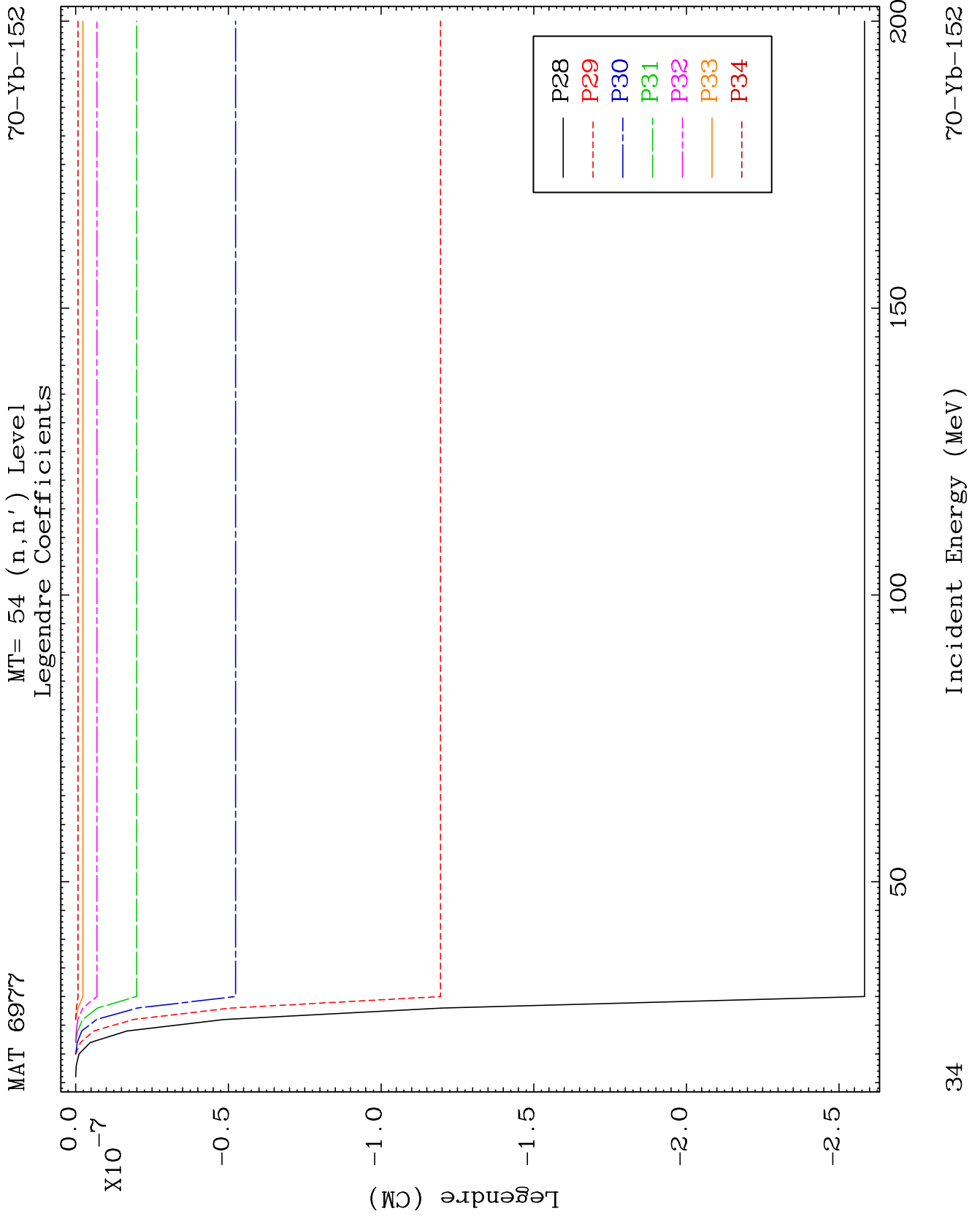


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Incident Energy (MeV)

70-Yb-152

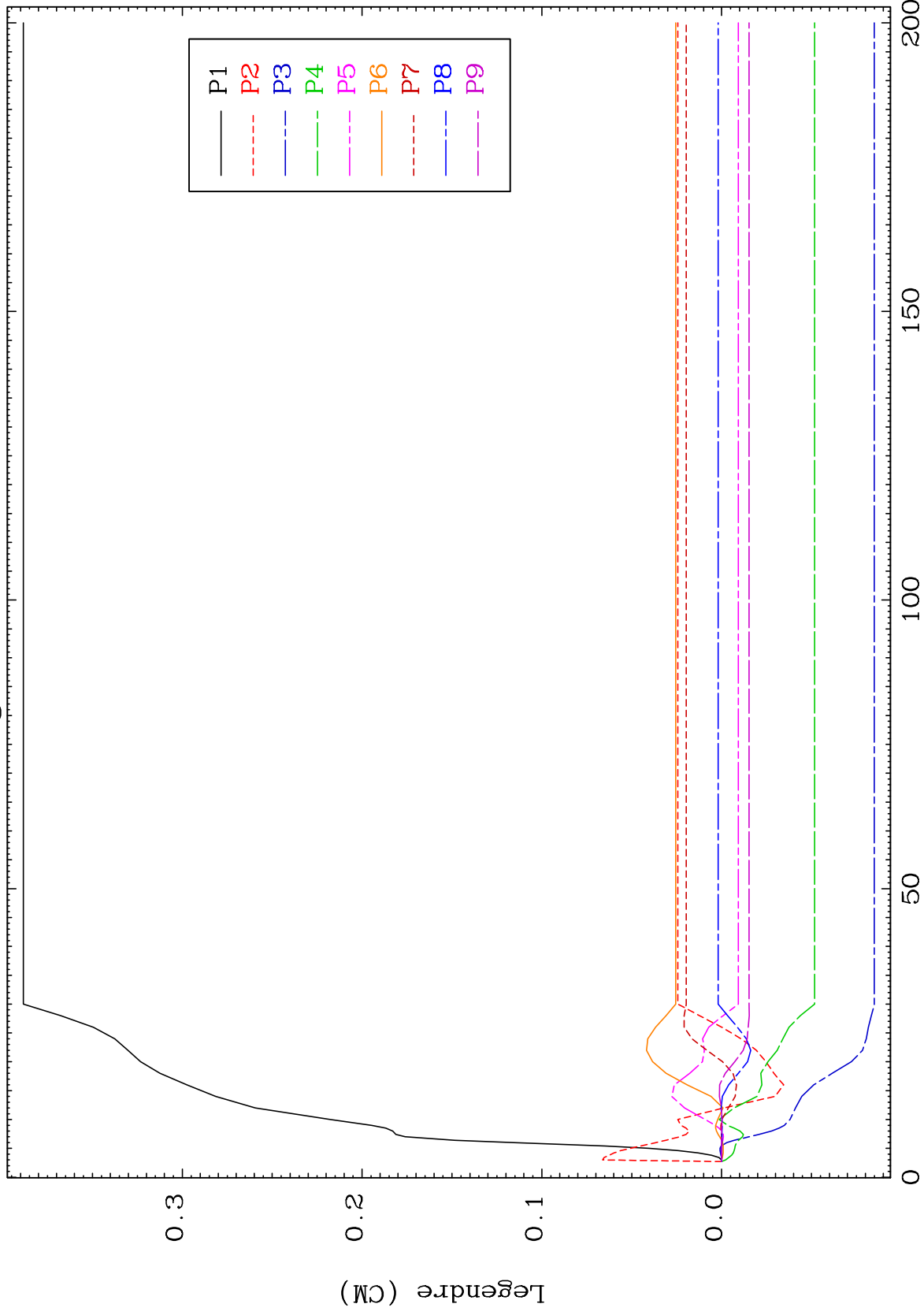




MAT 69777

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

70-Yb-152



70-Yb-152

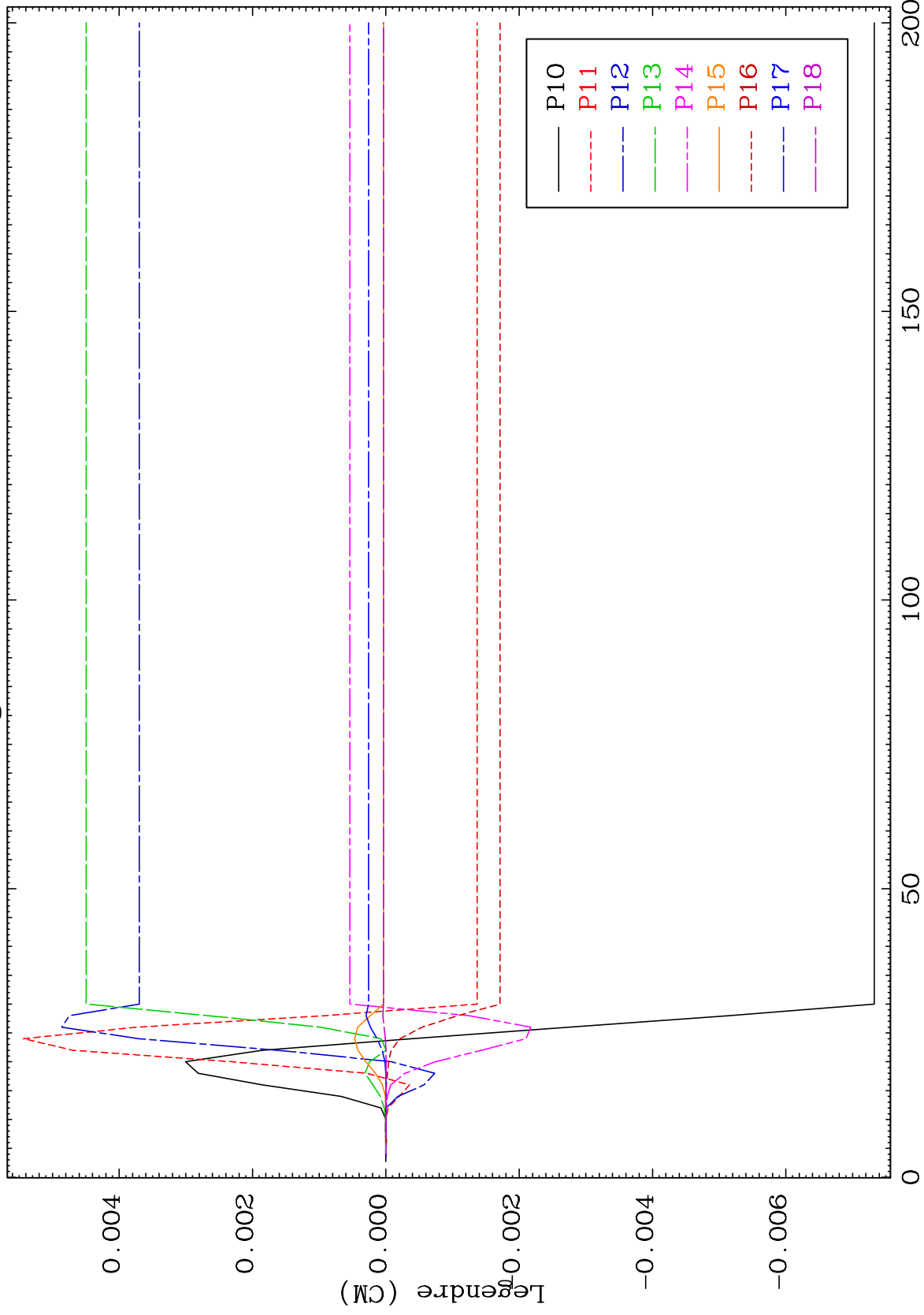
Incident Energy (MeV)

35

MAT 6977

70-Yb-152

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



36

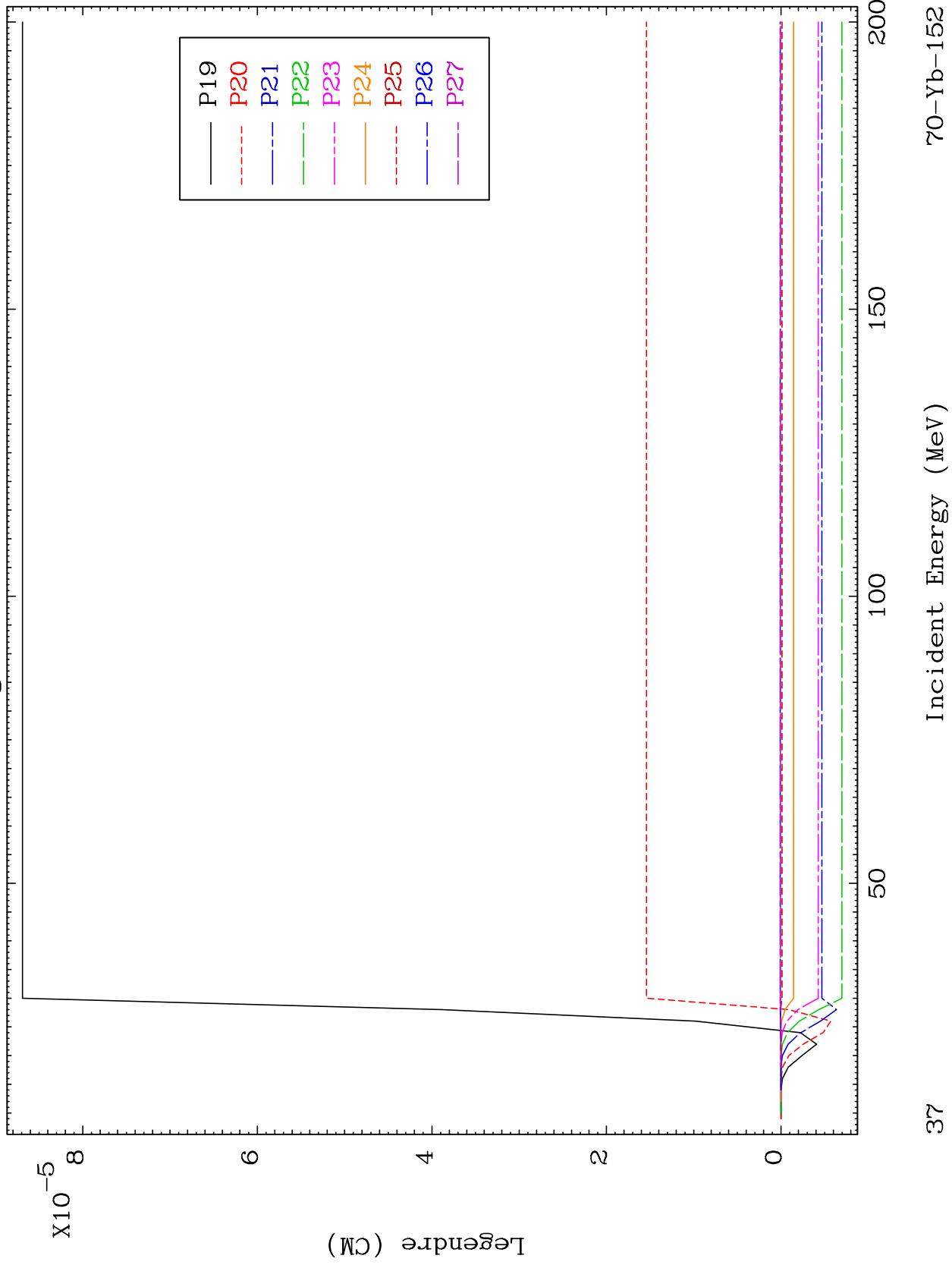
Incident Energy (MeV)

70-Yb-152

MAT 6977

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

70-Yb-152



37

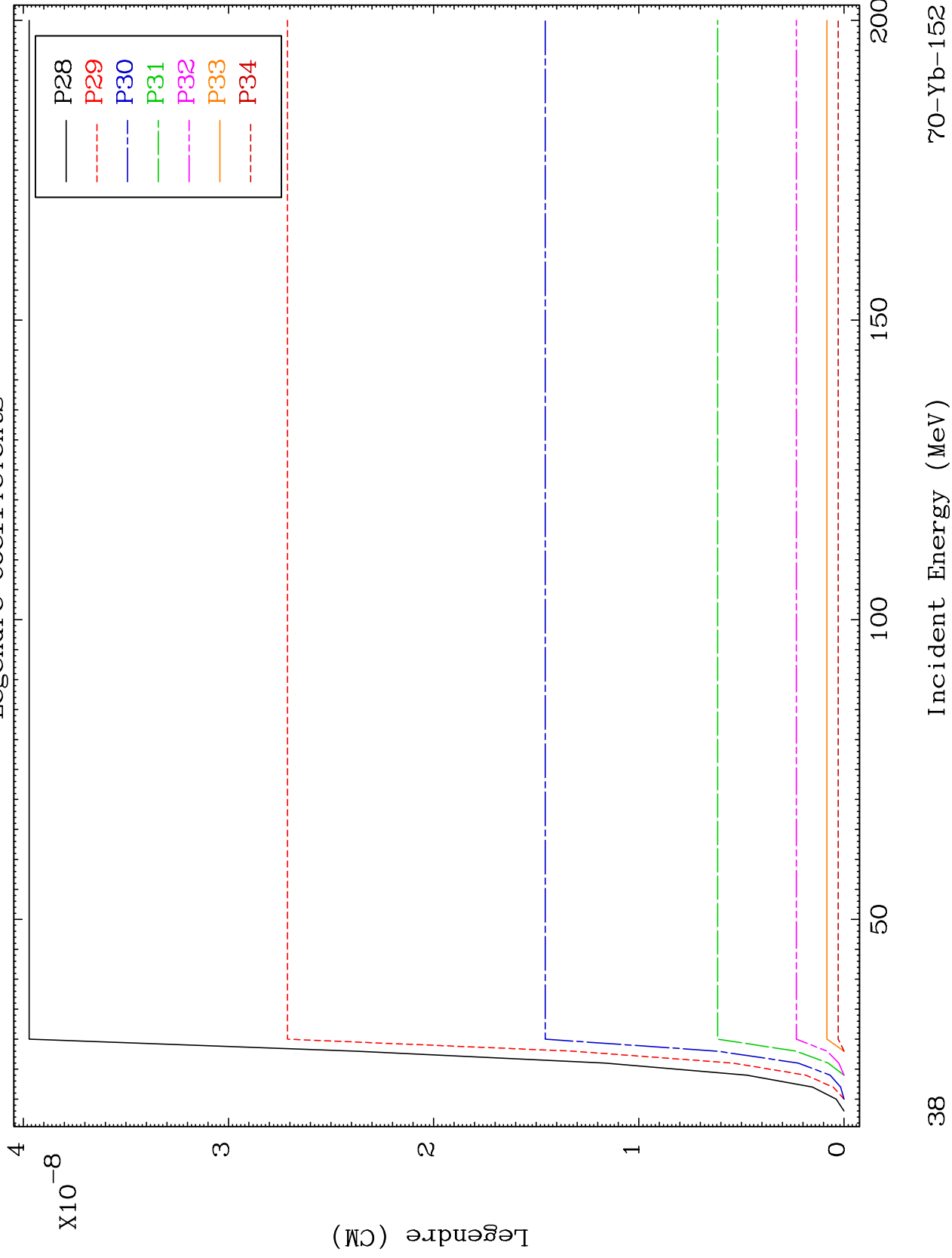
Incident Energy (MeV)

70-Yb-152

MAT 6977

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

70-Yb-152



38

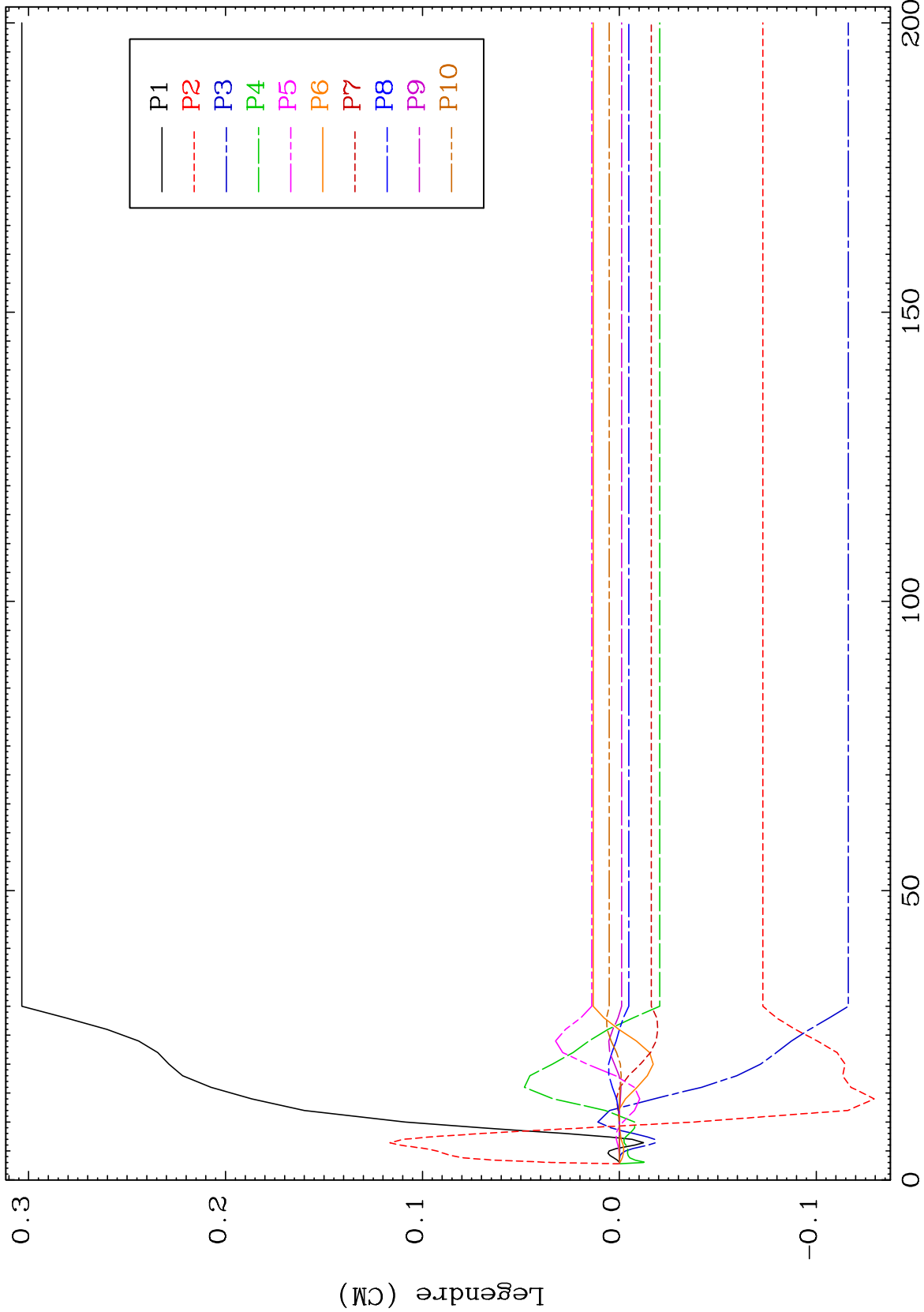
Incident Energy (MeV)

70-Yb-152

MAT 6977

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

70-Yb-152



39

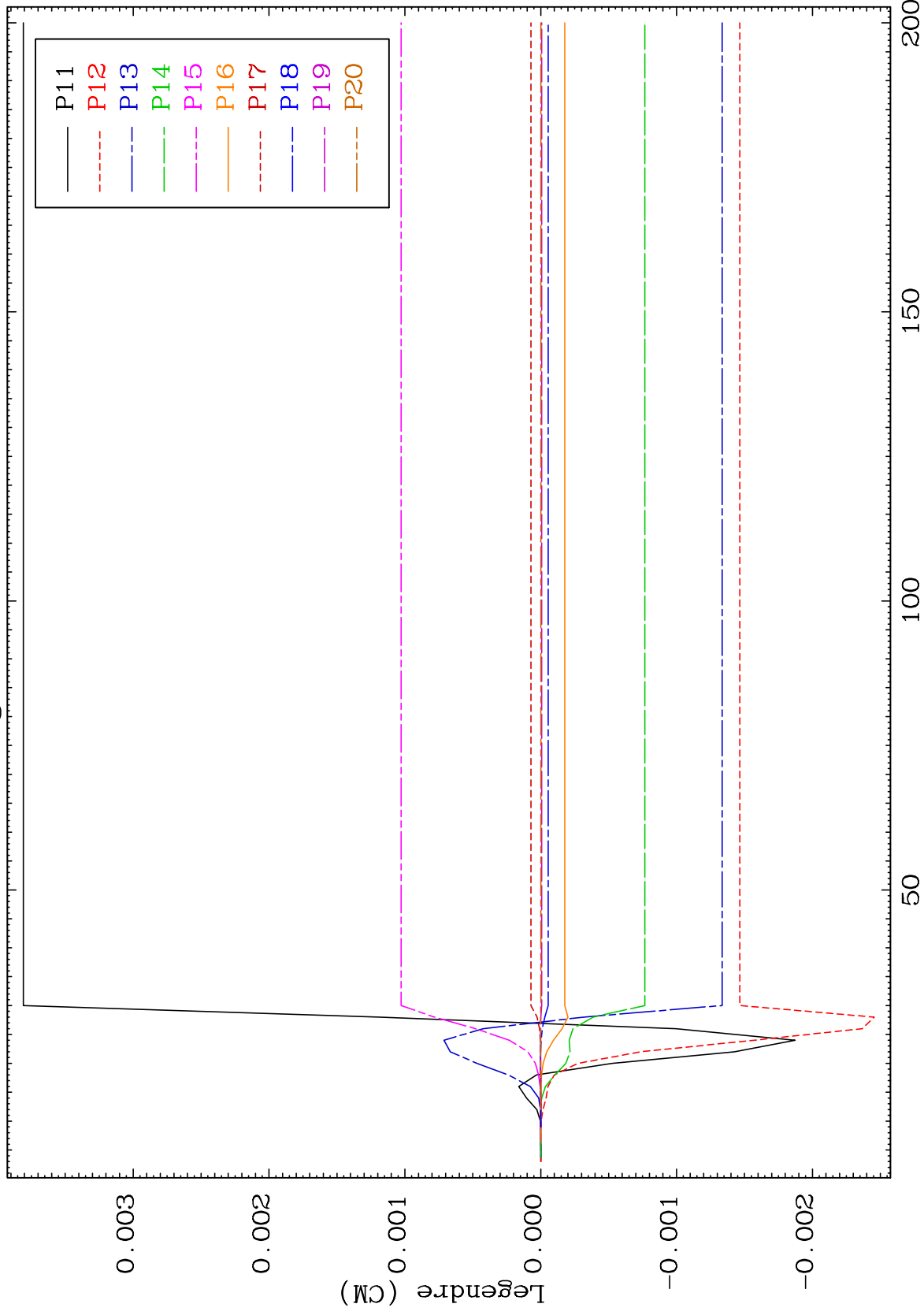
Incident Energy (MeV)

70-Yb-152

MAT 6977

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

70-Yb-152



40

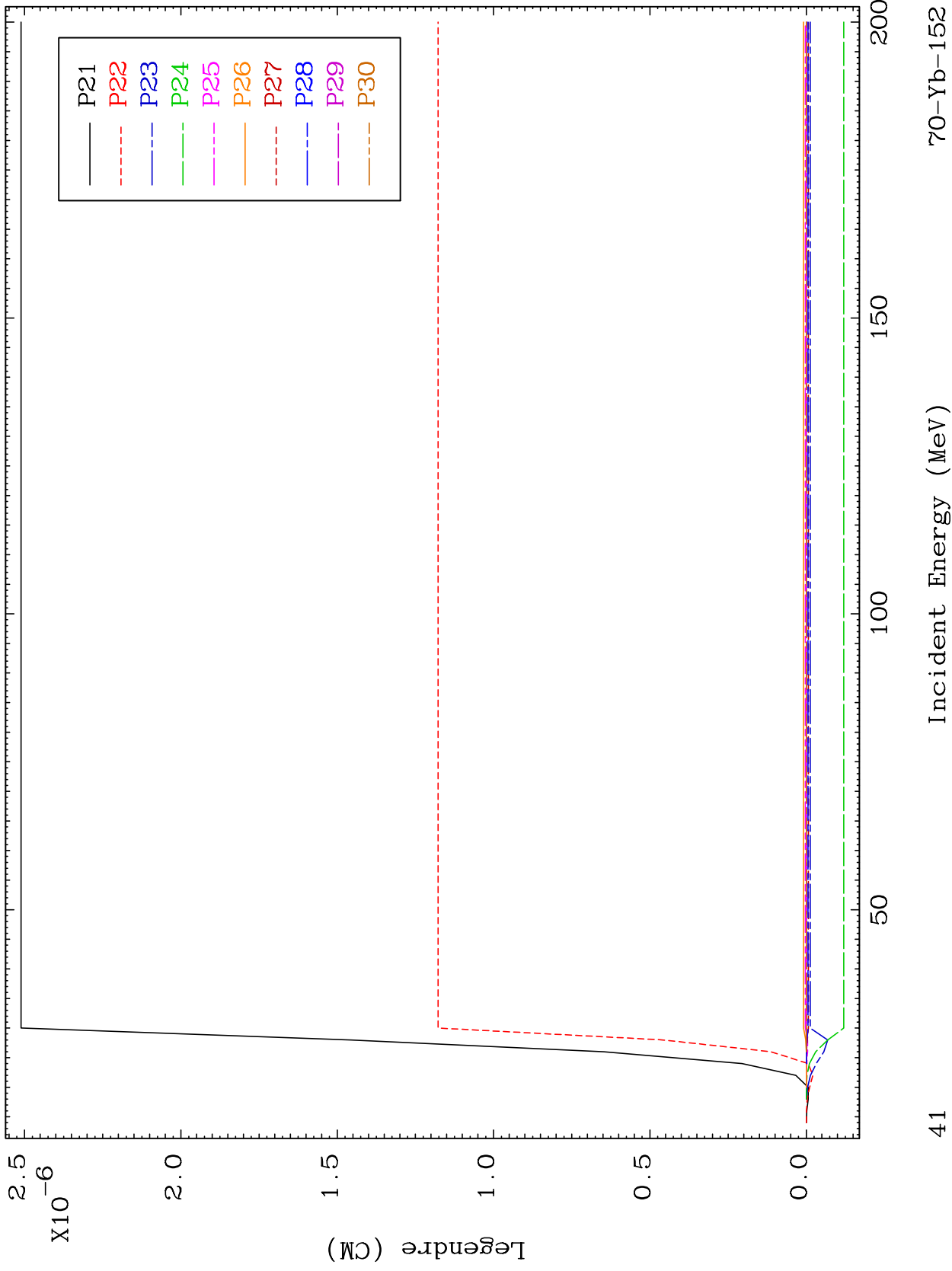
Incident Energy (MeV)

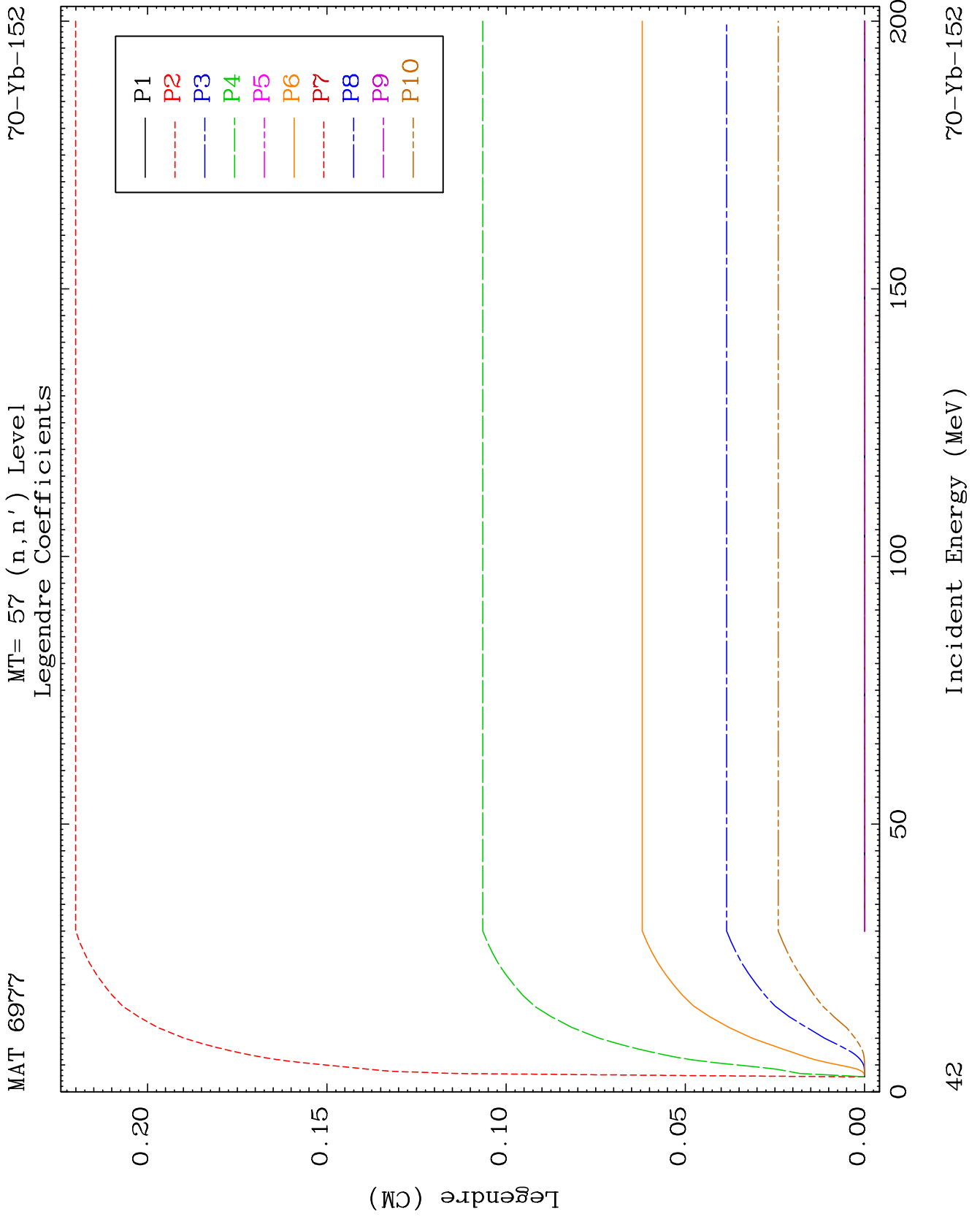
70-Yb-152

MAT 6977

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

70-Yb-152



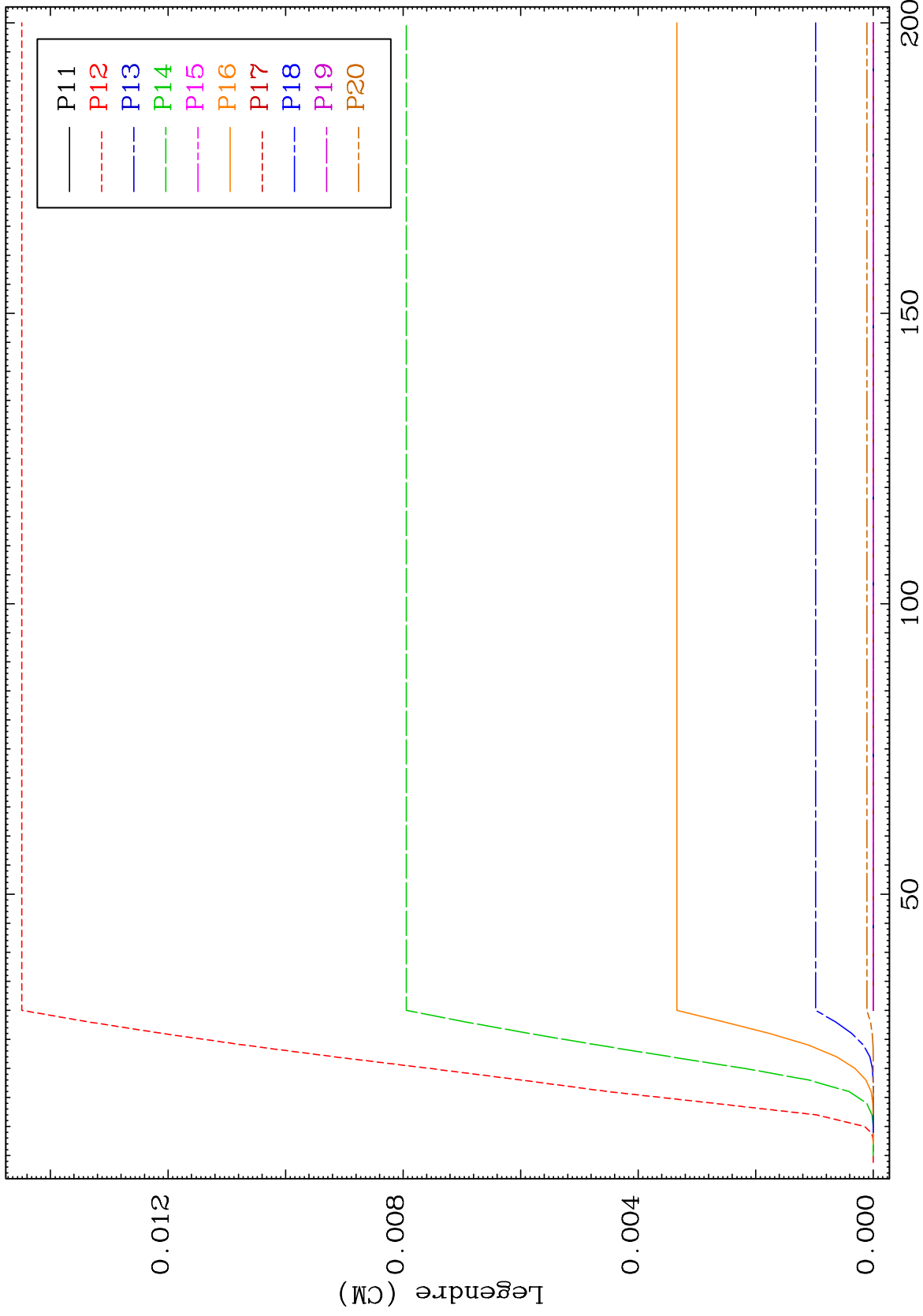


MAT 69777

MT= 57 (n,n') Level

70-Yb-152

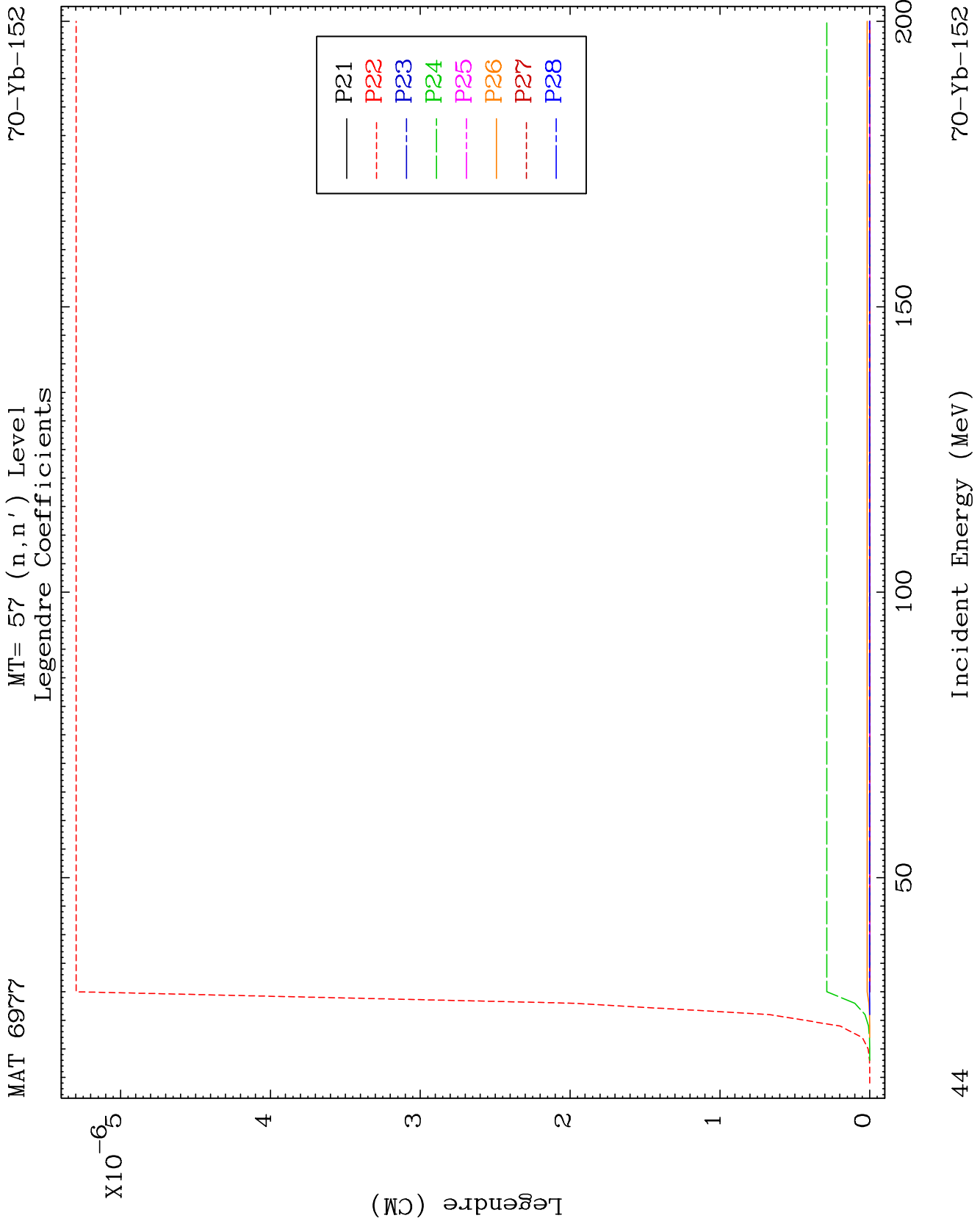
Legendre Coefficients



43

Incident Energy (MeV)

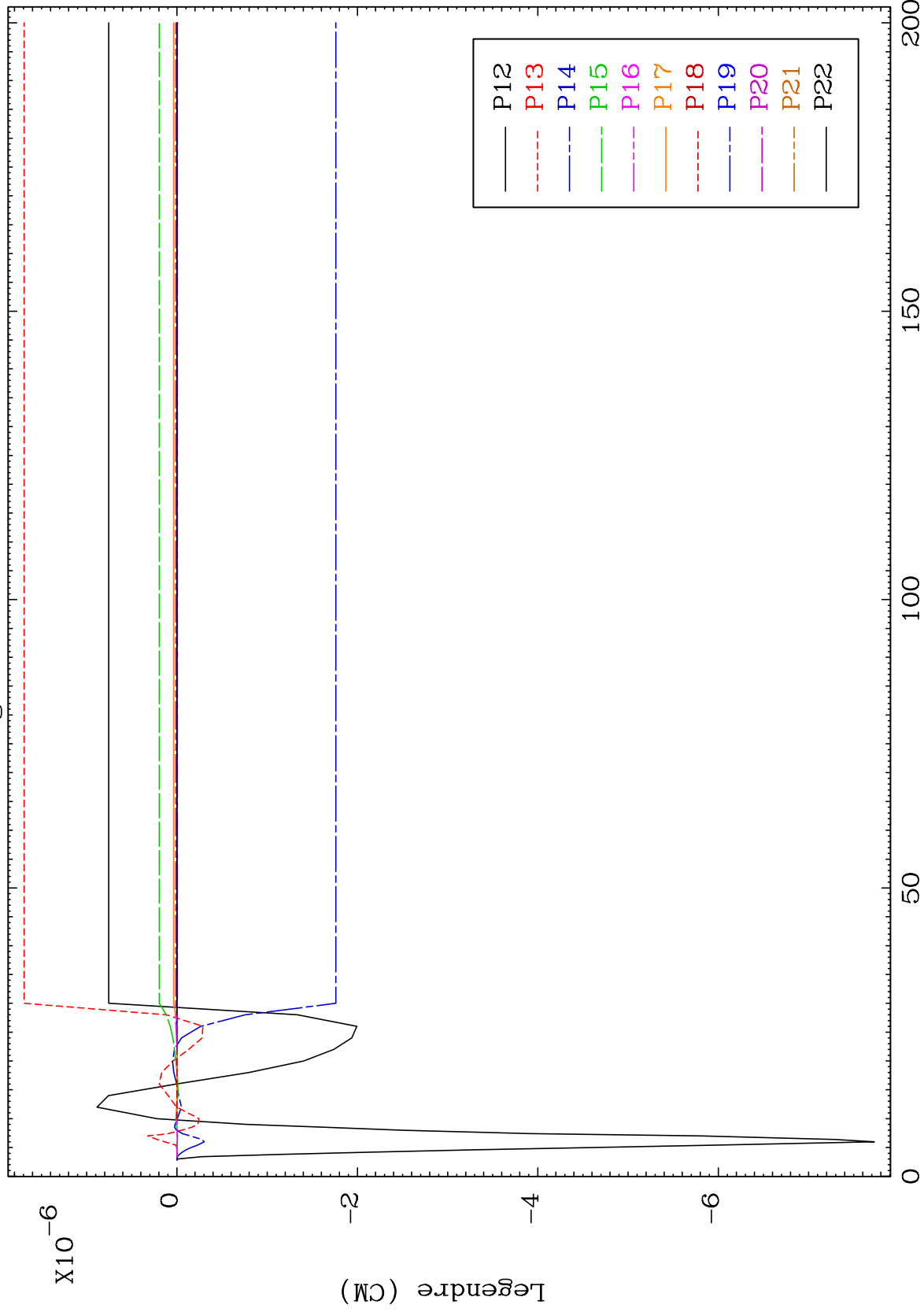
70-Yb-152



MAT 69777

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

70-Yb-152



46

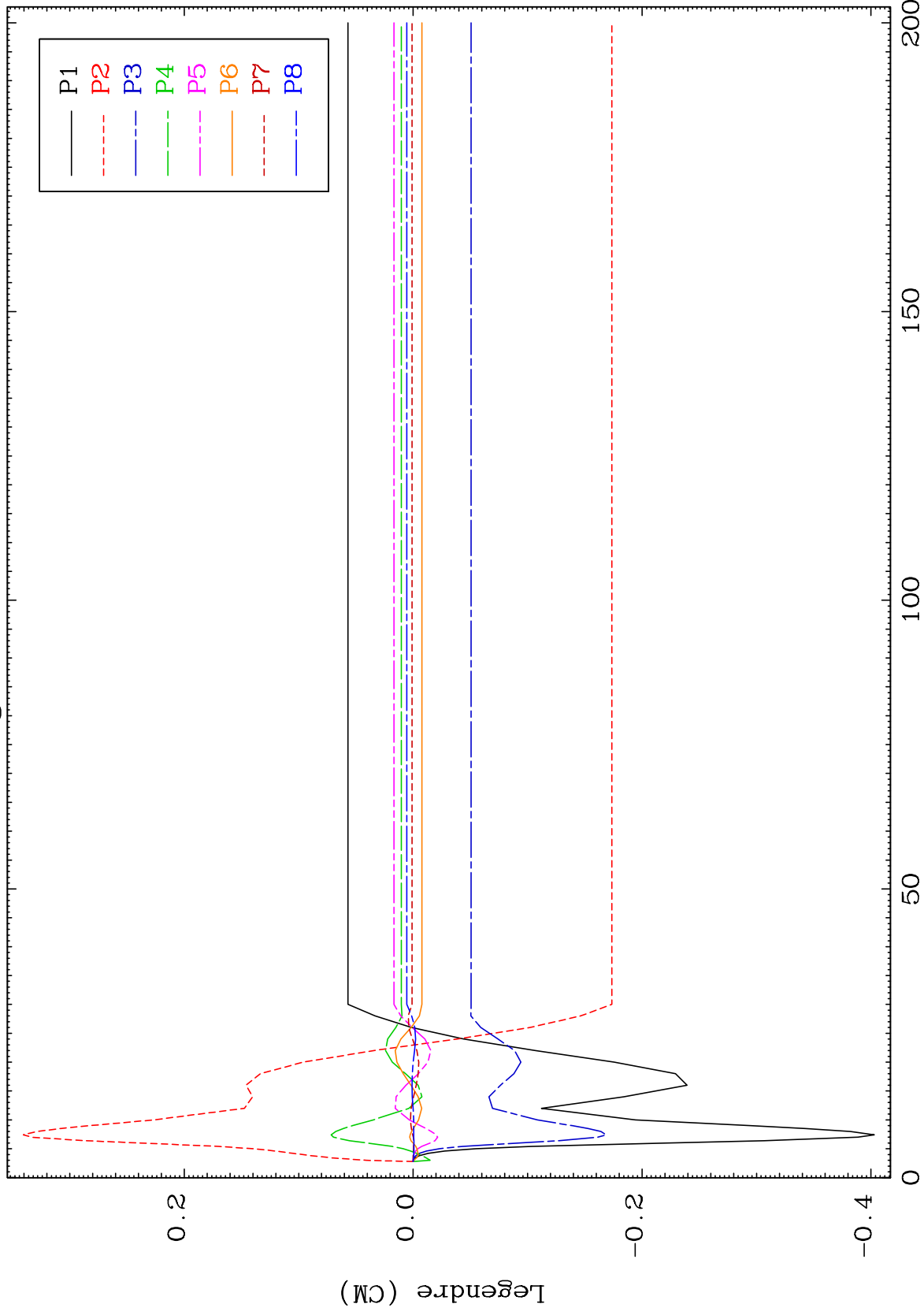
Incident Energy (MeV)

70-Yb-152

MAT 6977

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

70-Yb-152



47

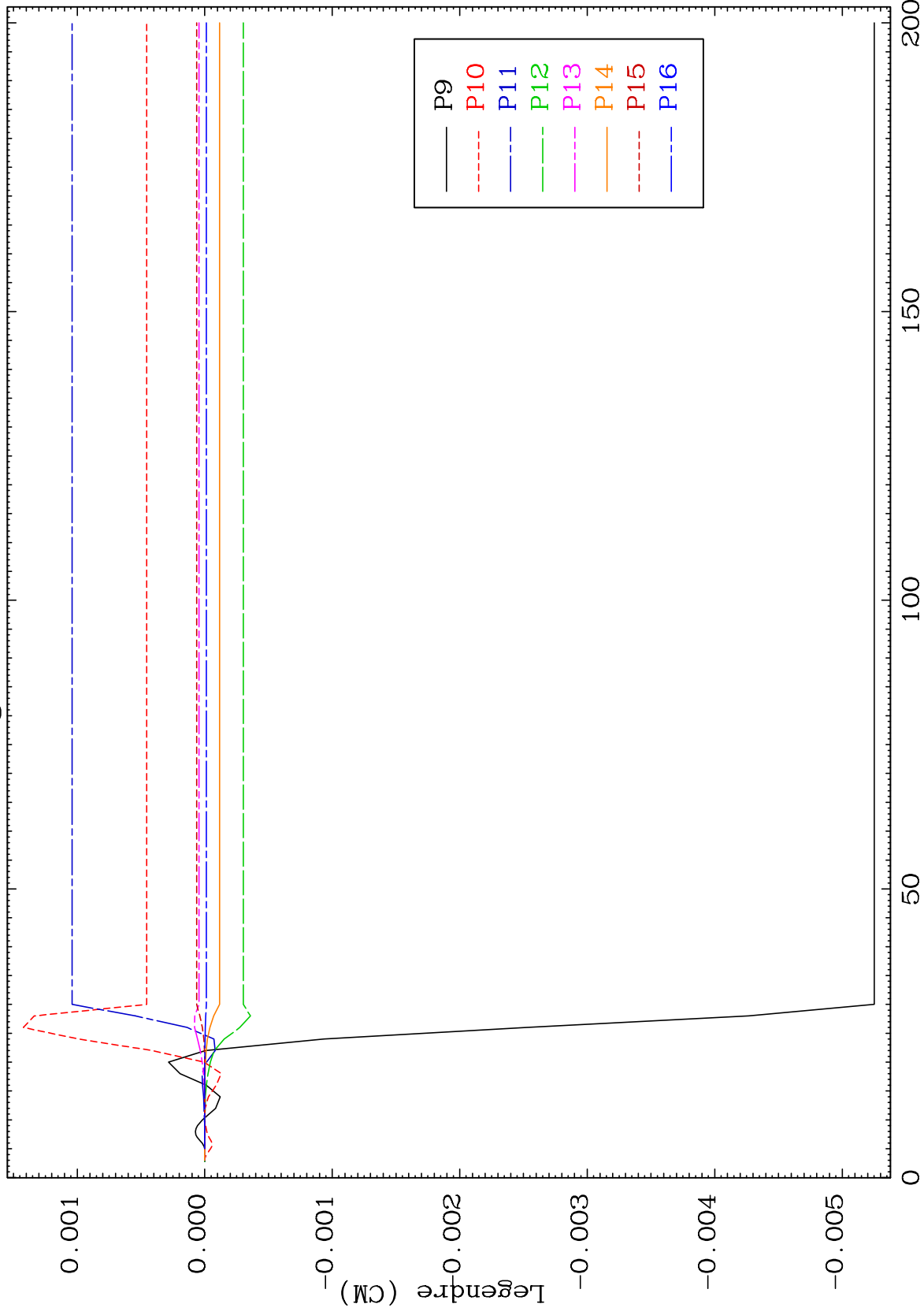
Incident Energy (MeV)

70-Yb-152

MAT 6977

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

70-Yb-152



48

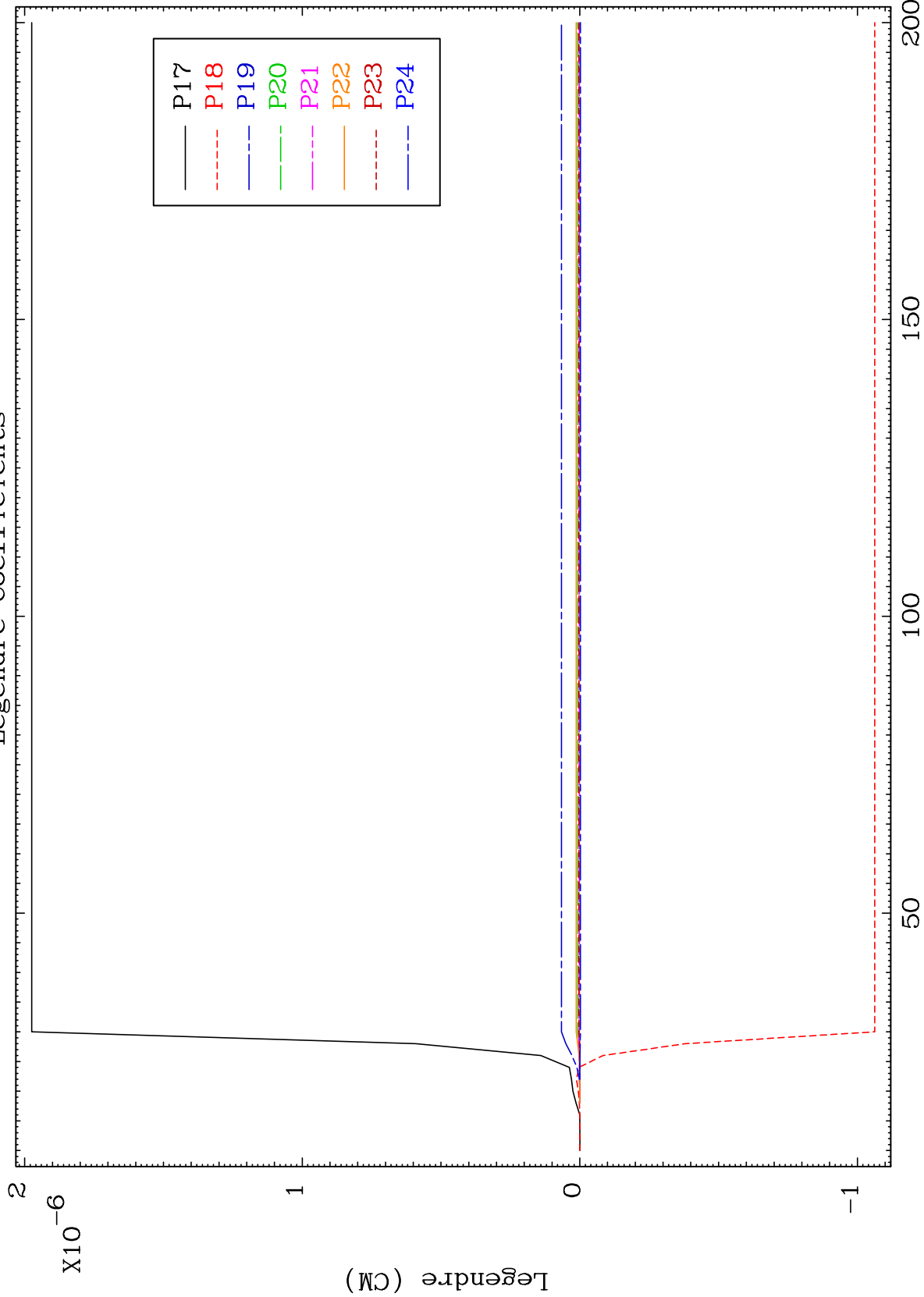
Incident Energy (MeV)

70-Yb-152

MAT 69777

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

70-Yb-152



49

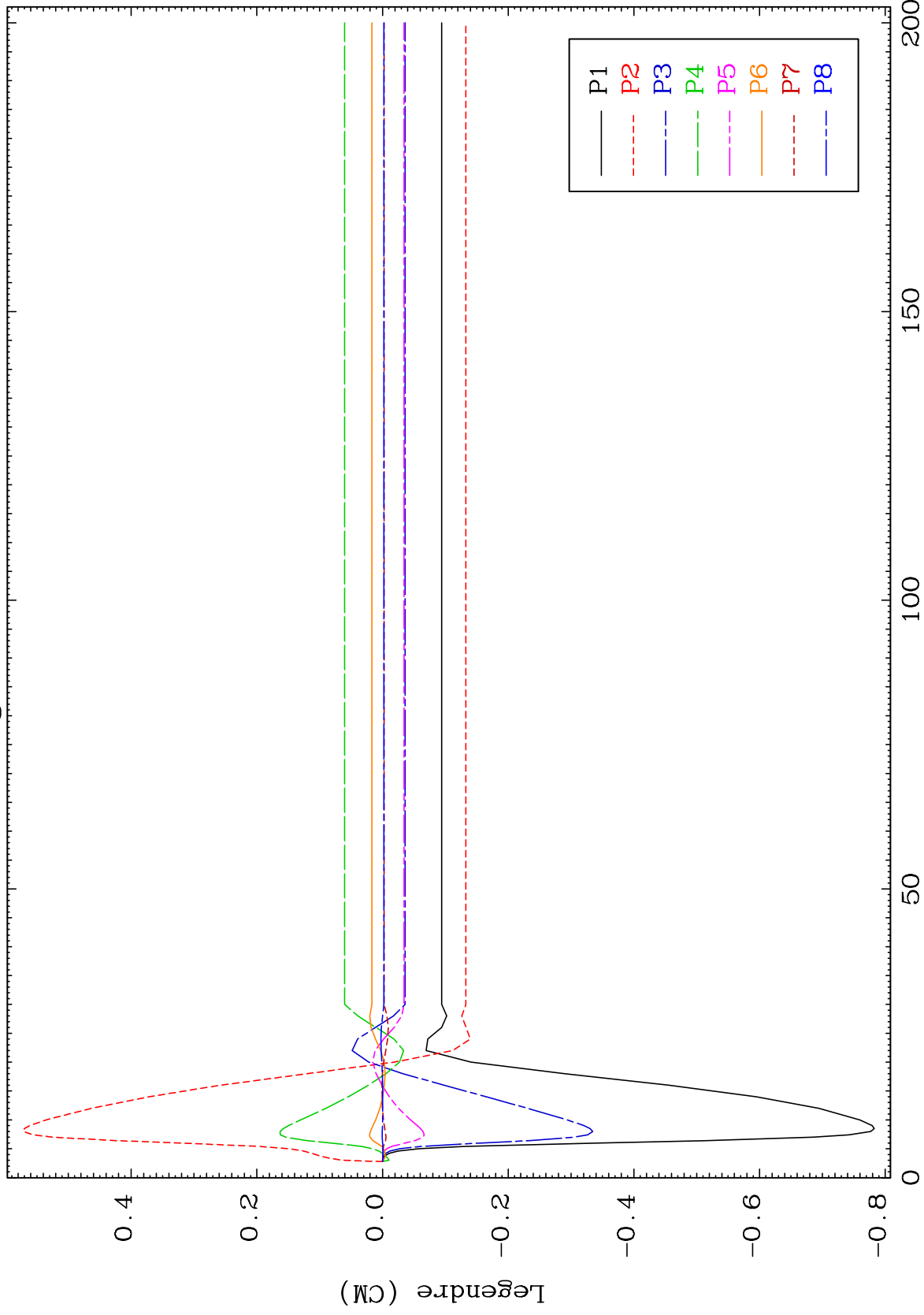
Incident Energy (MeV)

70-Yb-152

MAT 69777

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

70-Yb-152



70-Yb-152

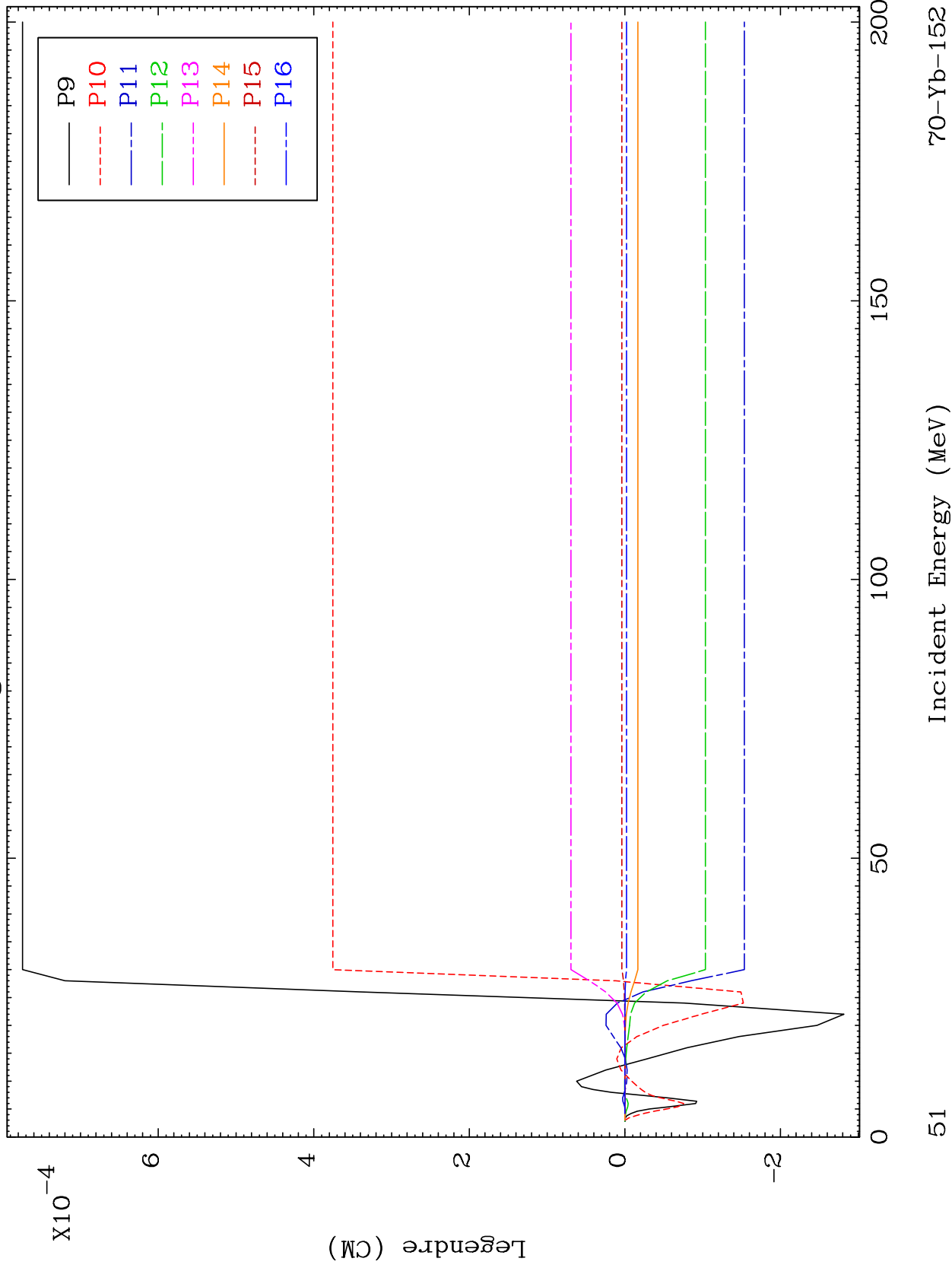
Incident Energy (MeV)

50

MAT 6977

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

70-Yb-152



51

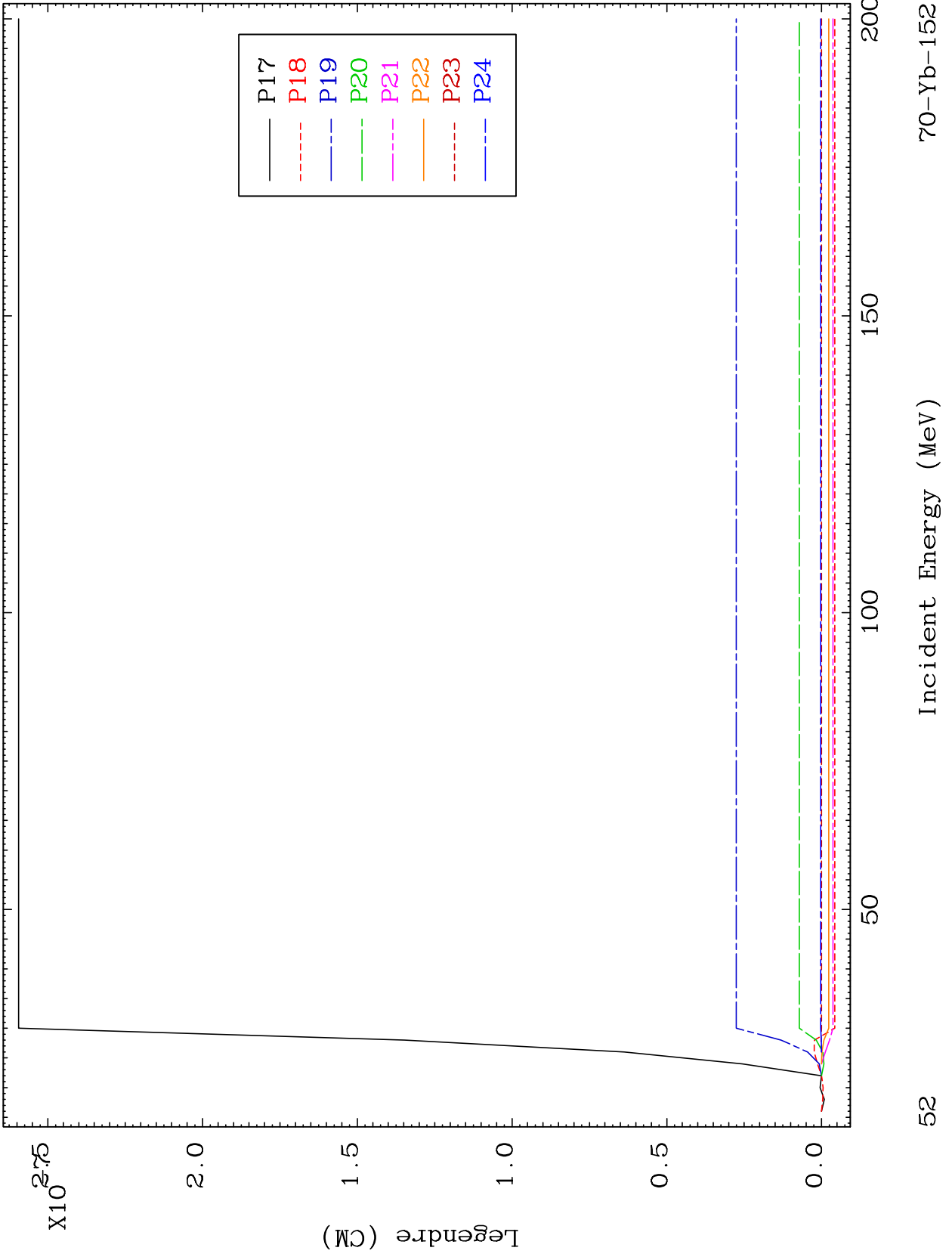
Incident Energy (MeV)

70-Yb-152

MAT 6977

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

70-Yb-152



52

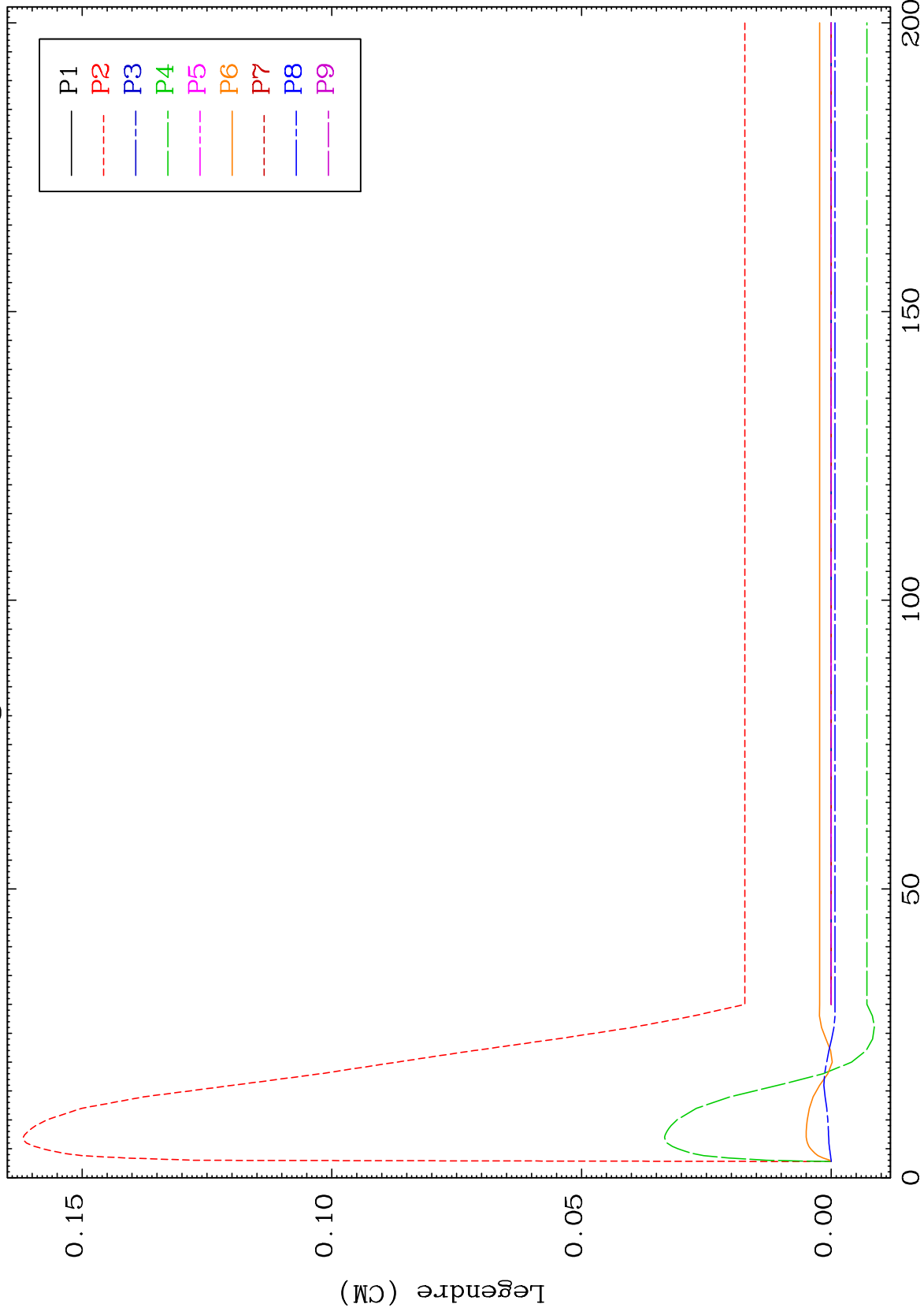
Incident Energy (MeV)

70-Yb-152

MAT 6977

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

70-Yb-152



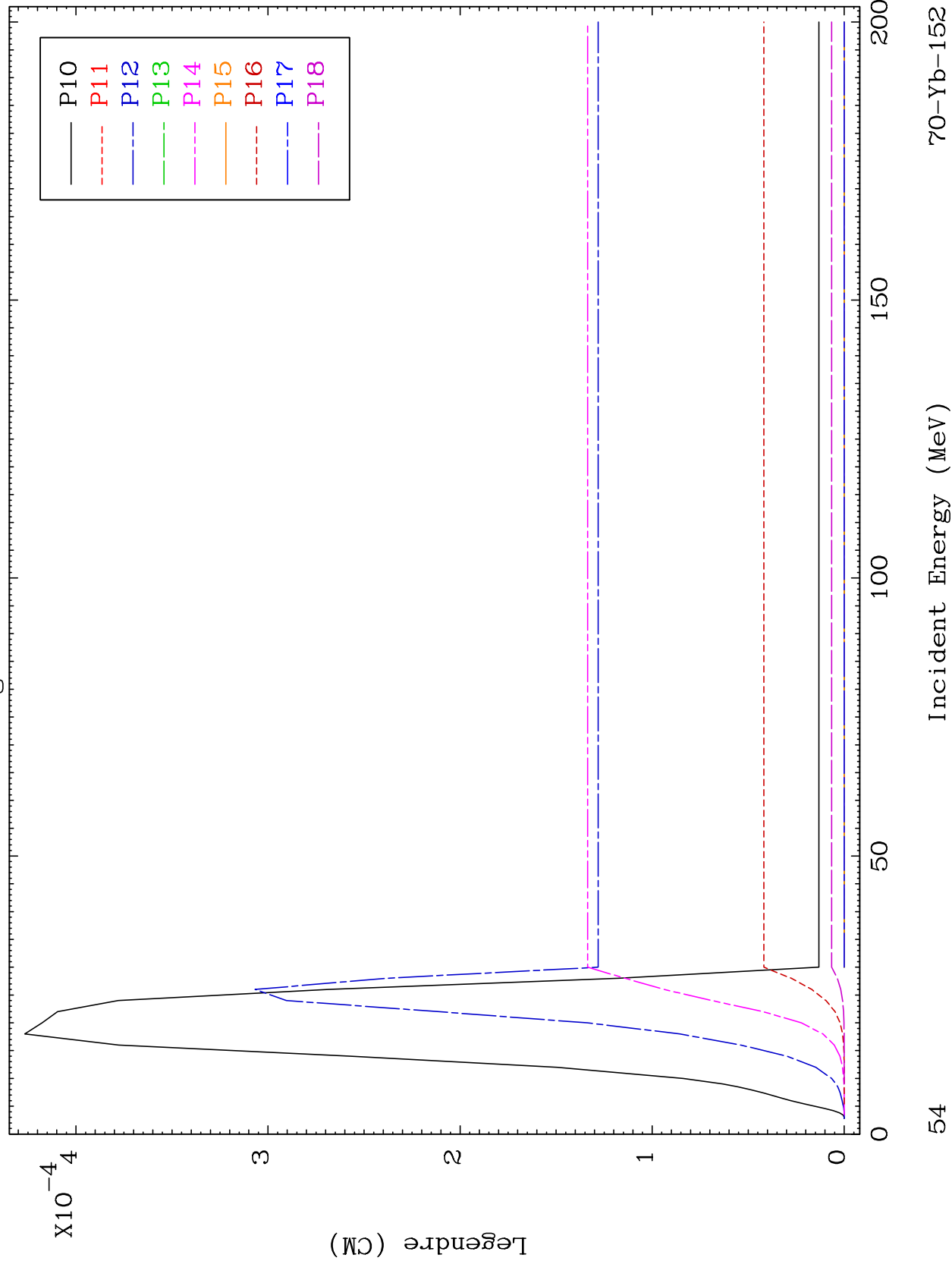
53

70-Yb-152

MAT 6977

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

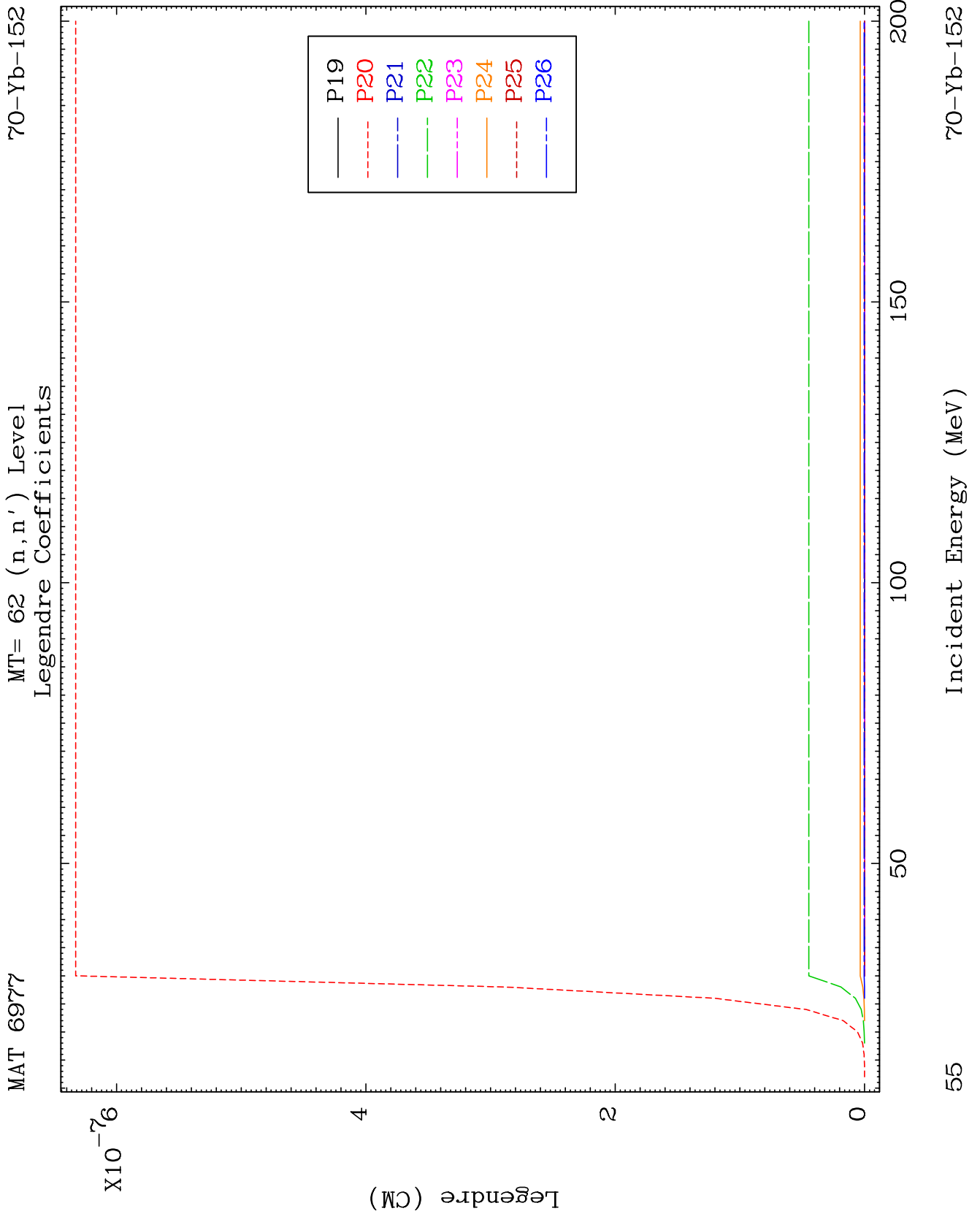
70-Yb-152



54

Incident Energy (MeV)

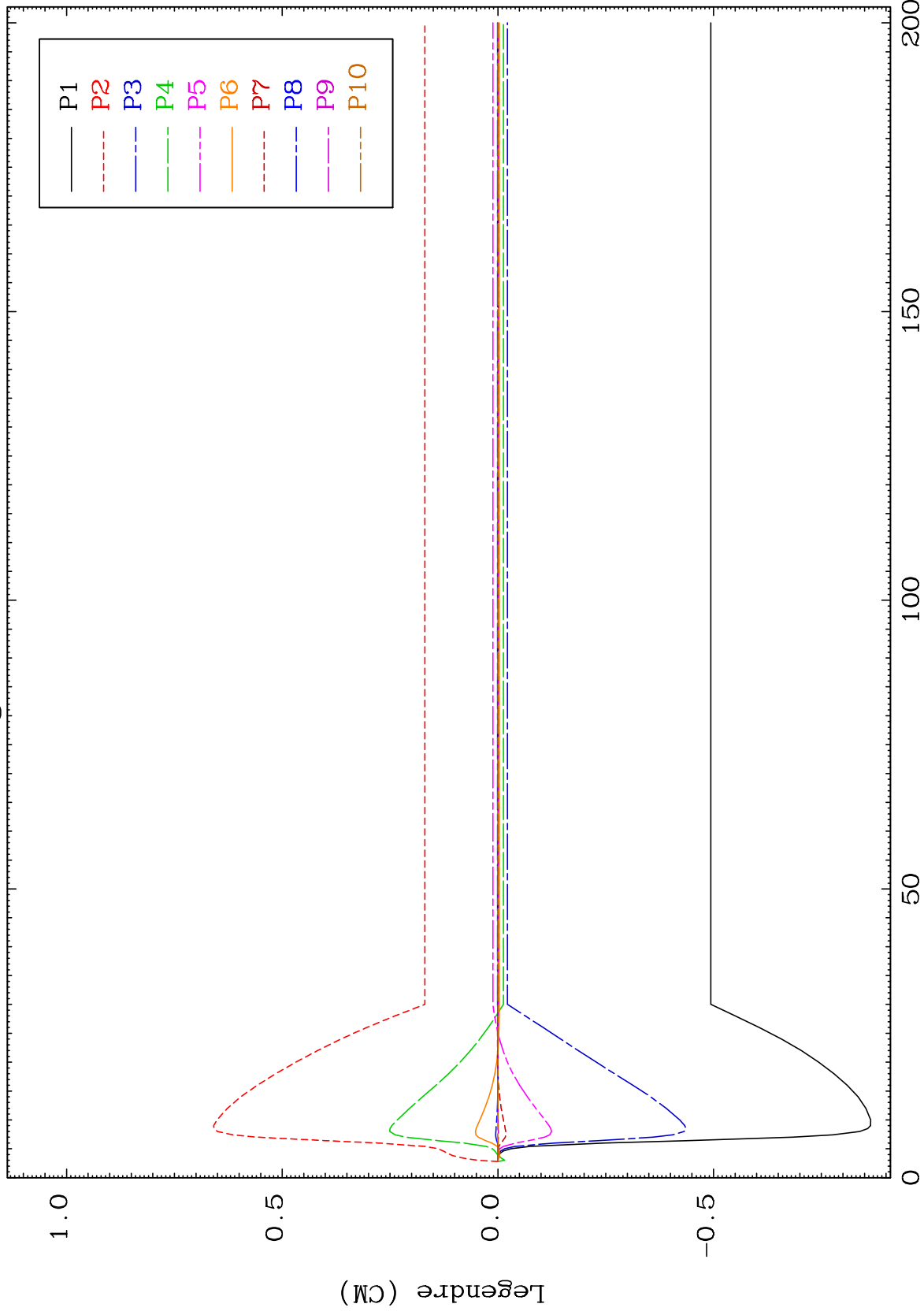
70-Yb-152



MAT 6977

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

70-Yb-152



56

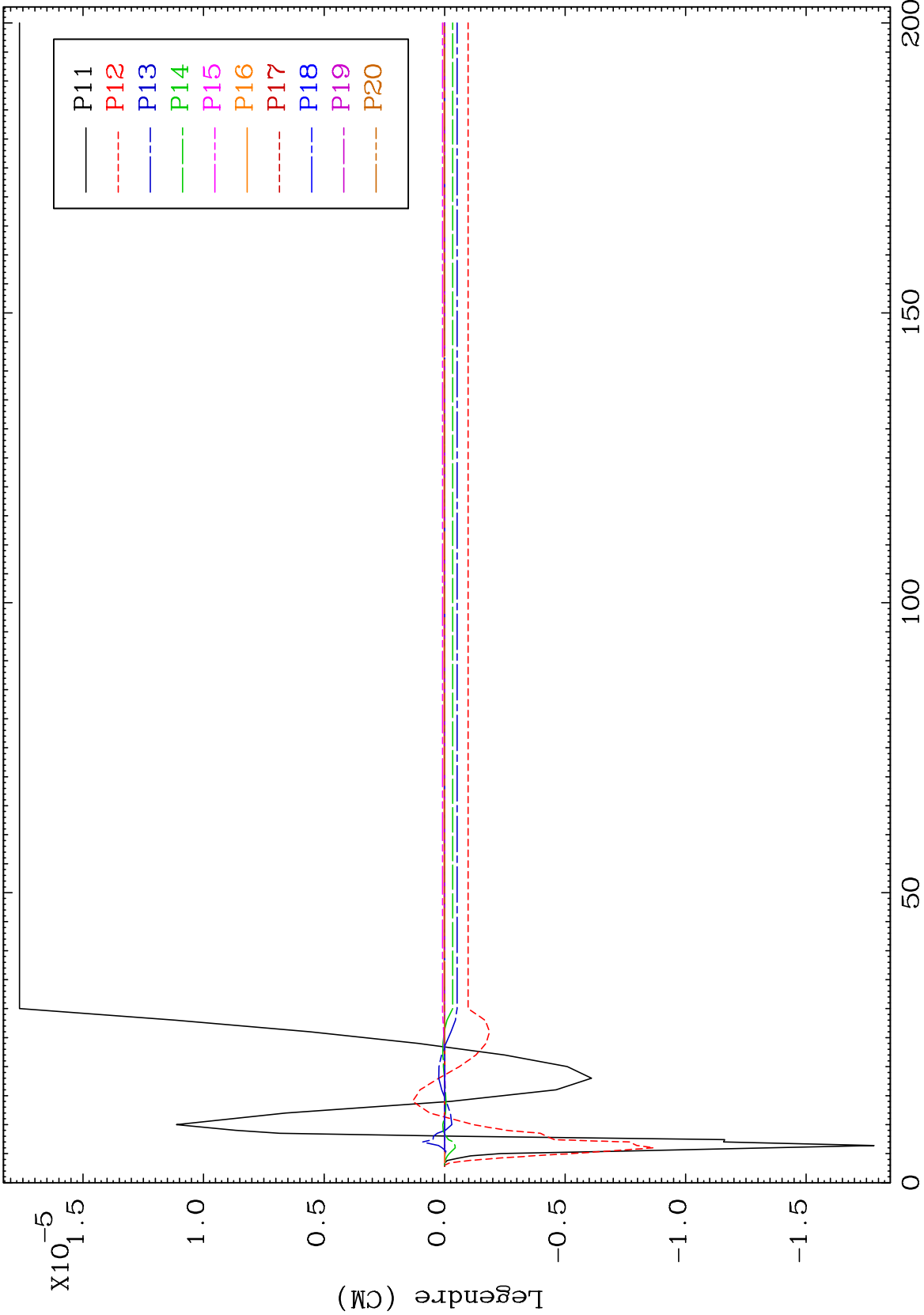
Incident Energy (MeV)

70-Yb-152

MAT 6977

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

70-Yb-152



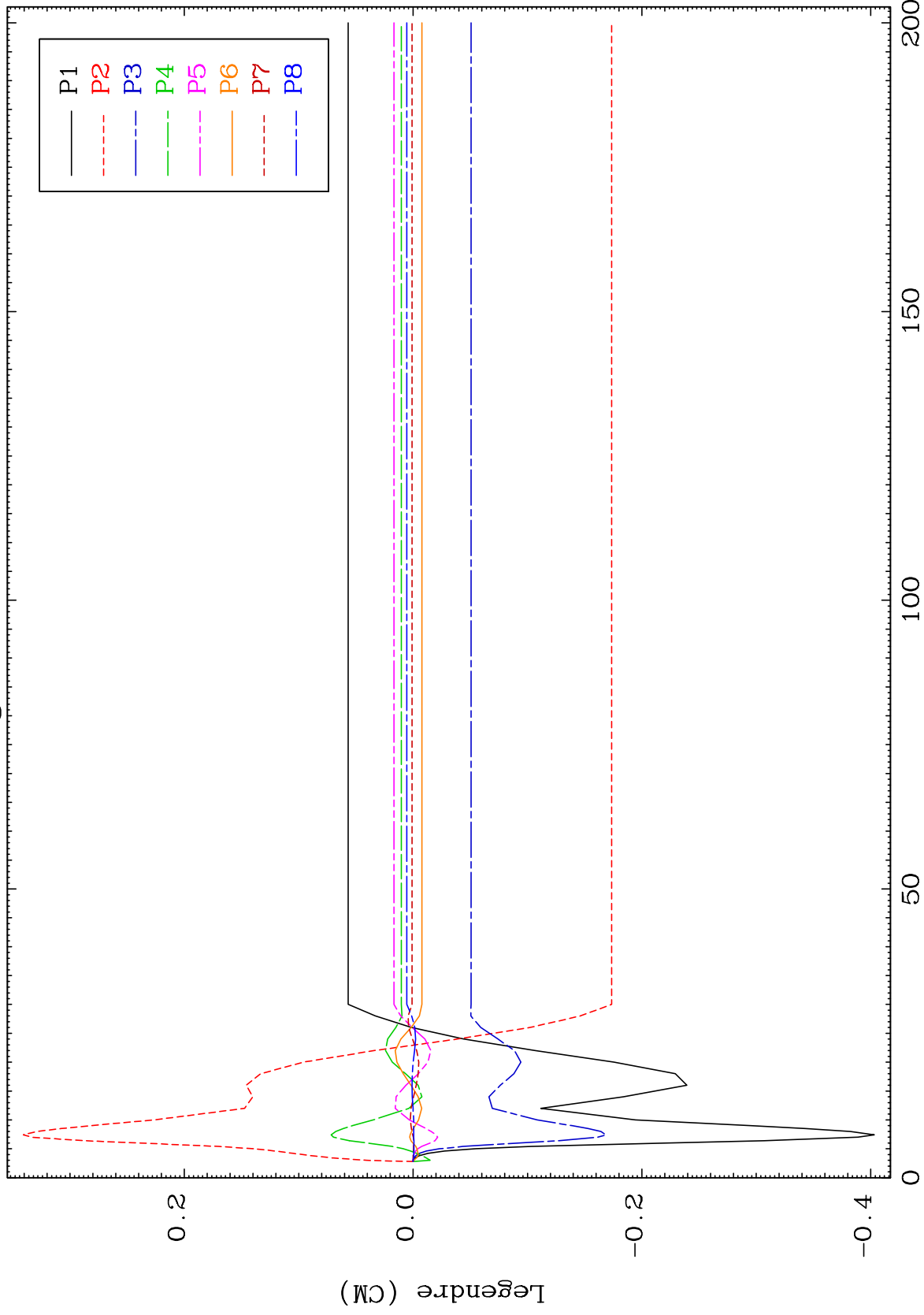
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70-Yb-152

MAT 69777

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

70-Yb-152



58

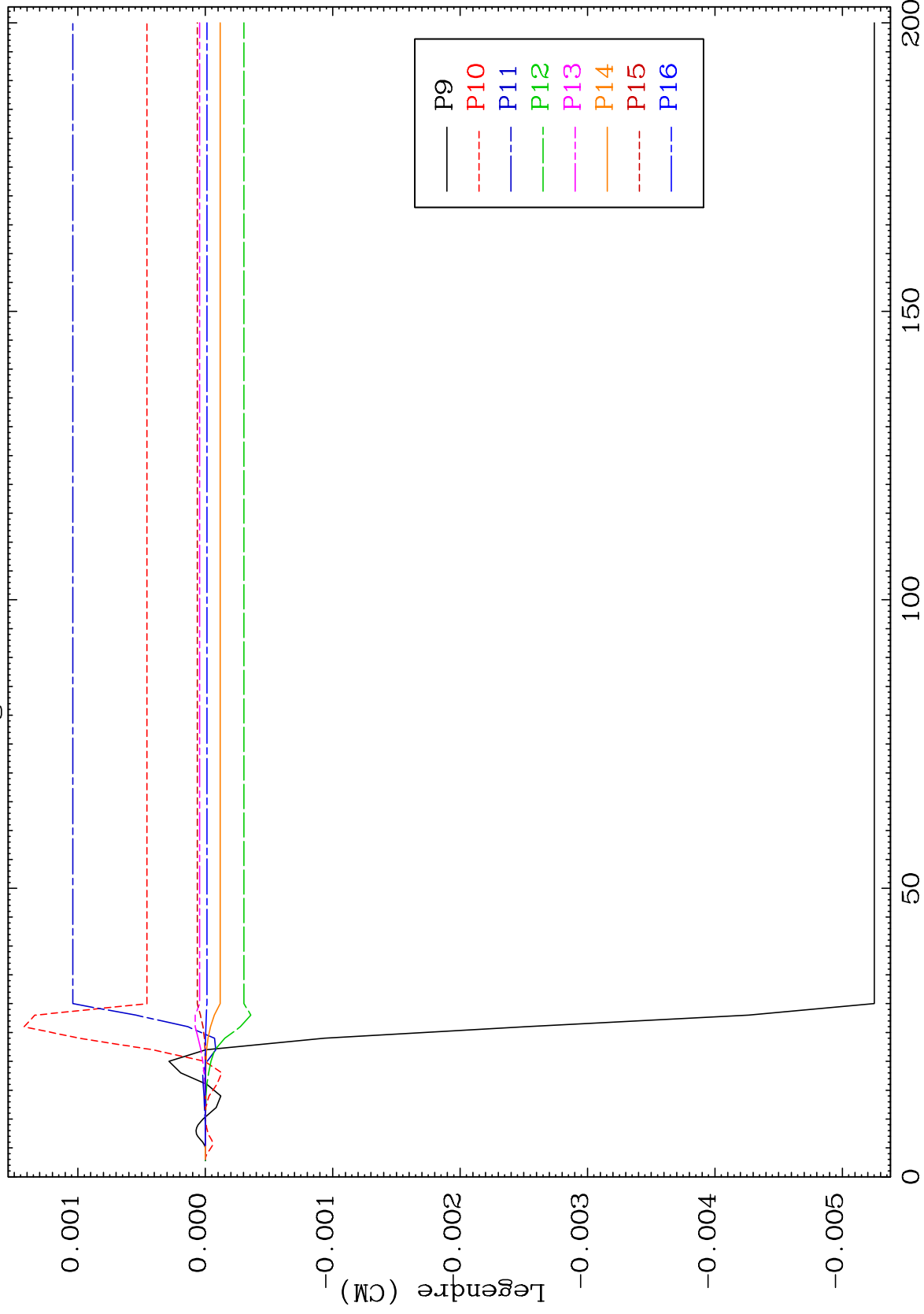
Incident Energy (MeV)

70-Yb-152

MAT 6977

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

70-Yb-152



59

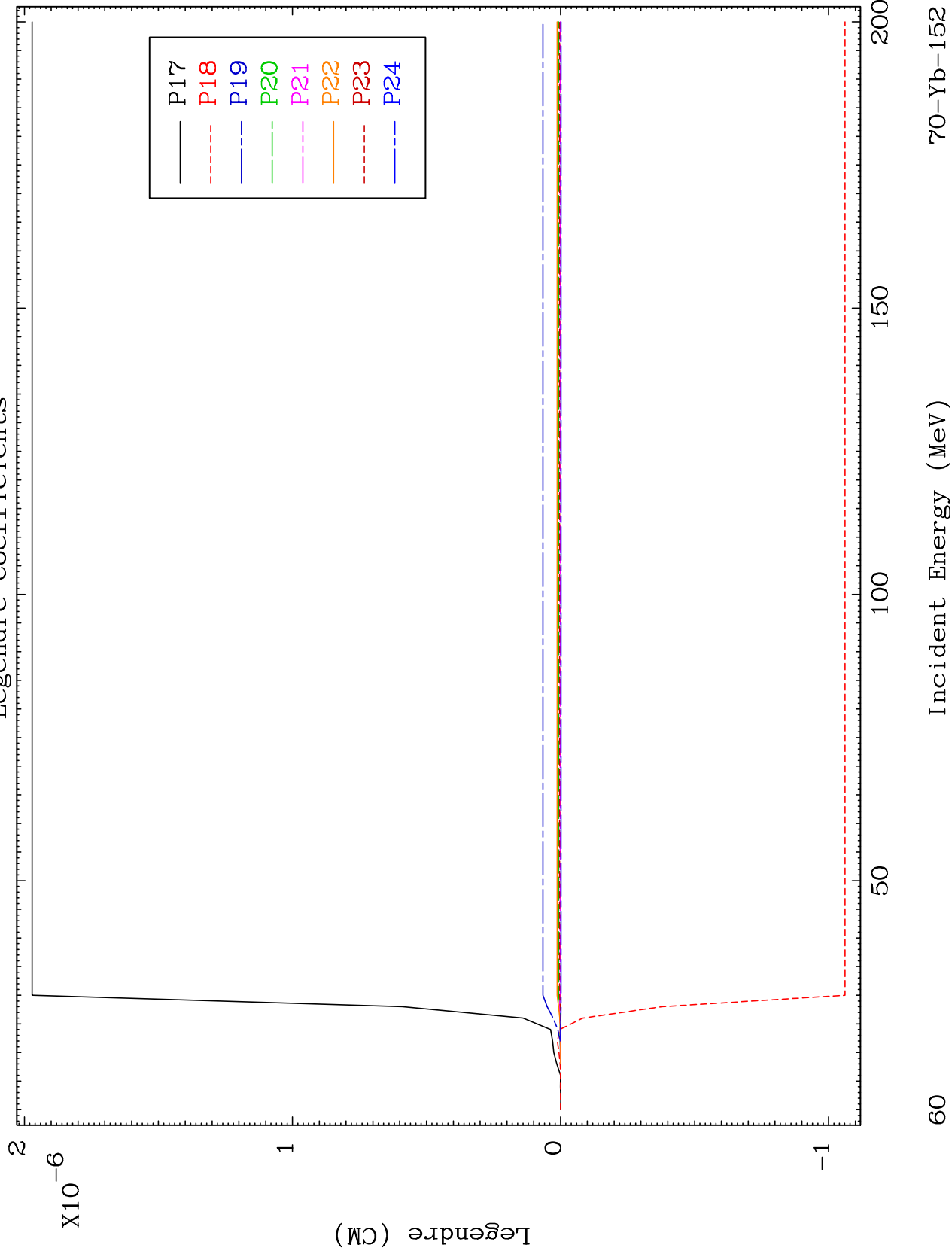
Incident Energy (MeV)

70-Yb-152

MAT 69777

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

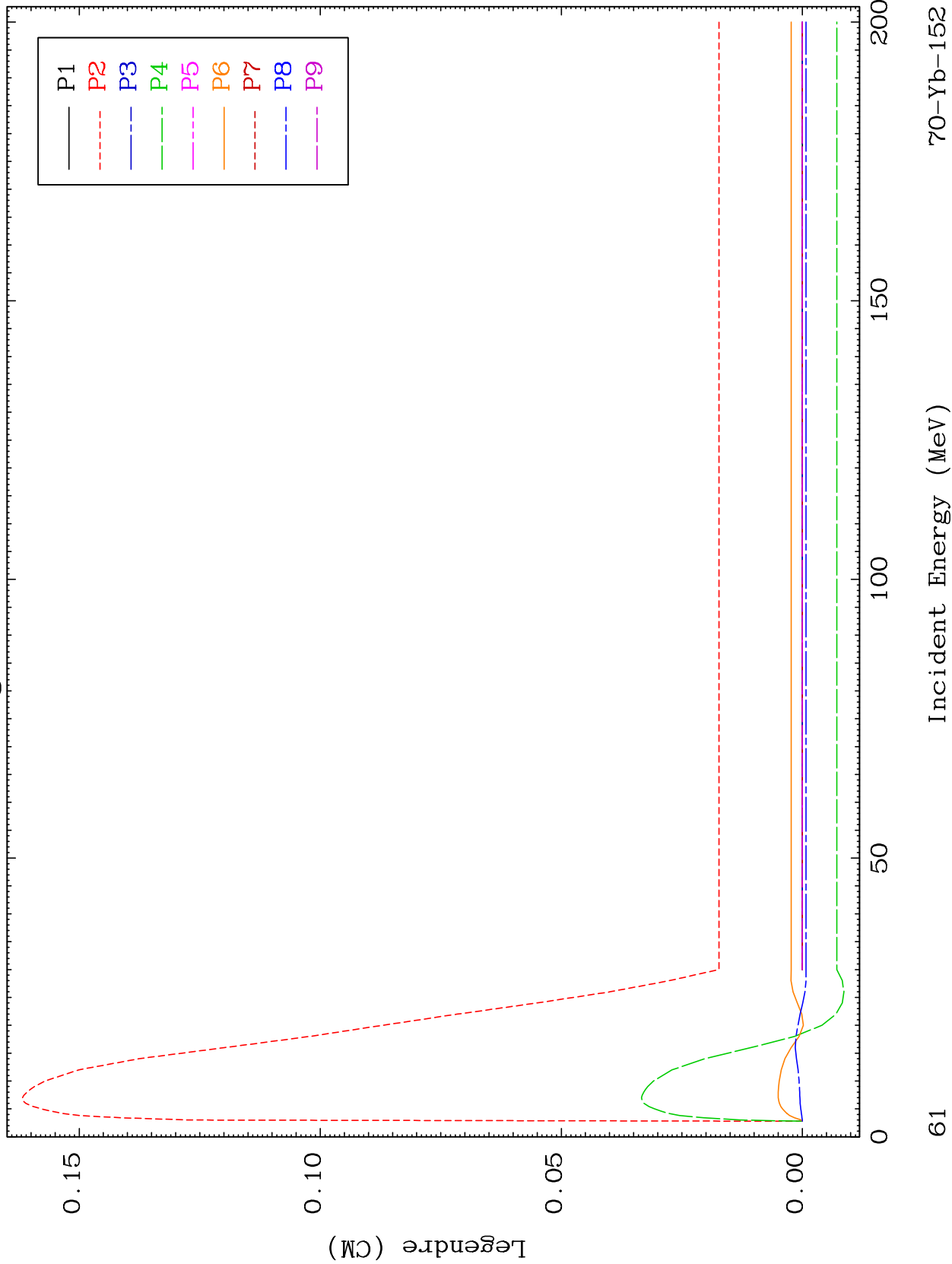
70-Yb-152



MAT 6977

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

70-Yb-152

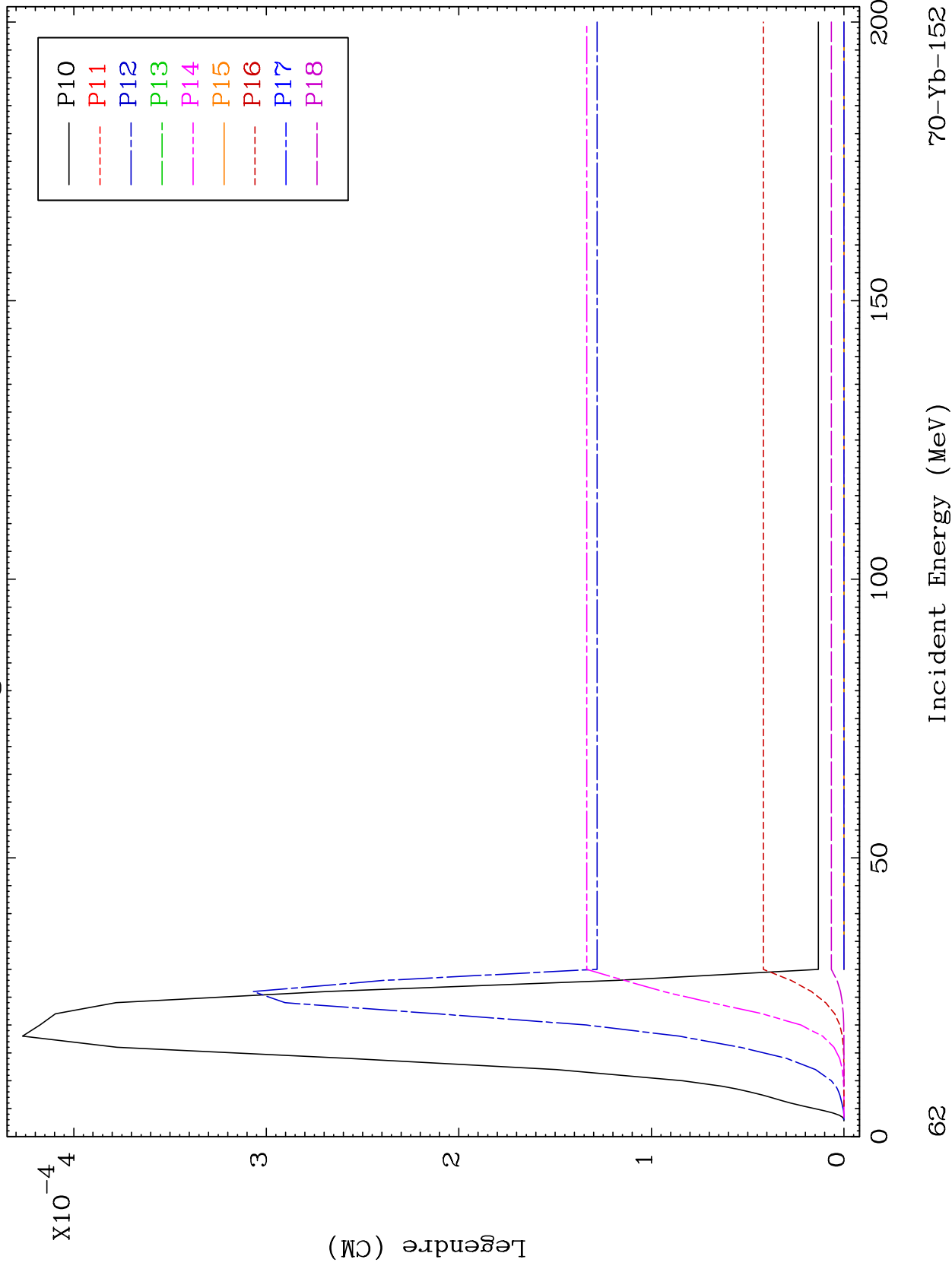


61

MAT 6977

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

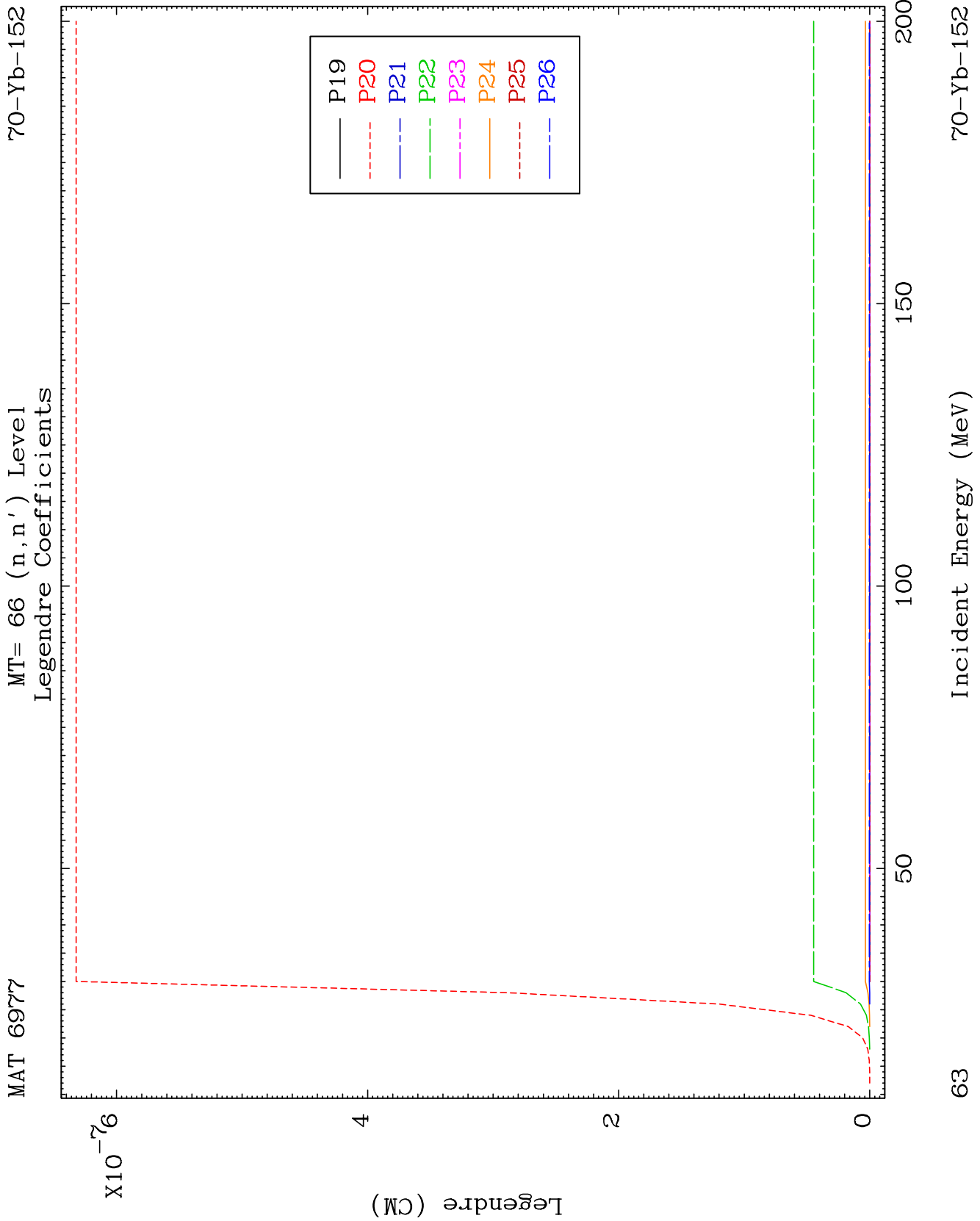
70-Yb-152



62

Incident Energy (MeV)

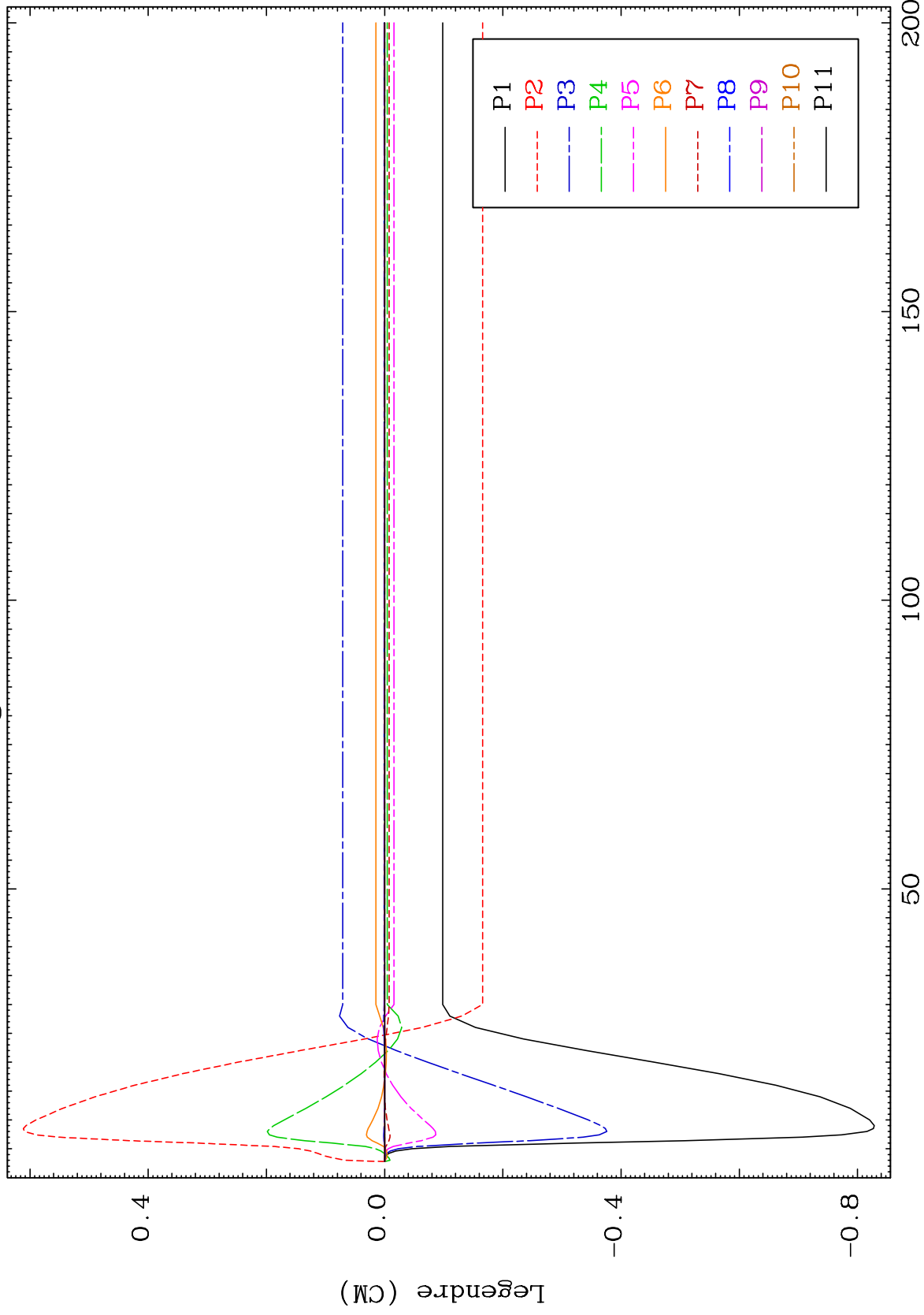
70-Yb-152



MAT 69777

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

70-Yb-152



64

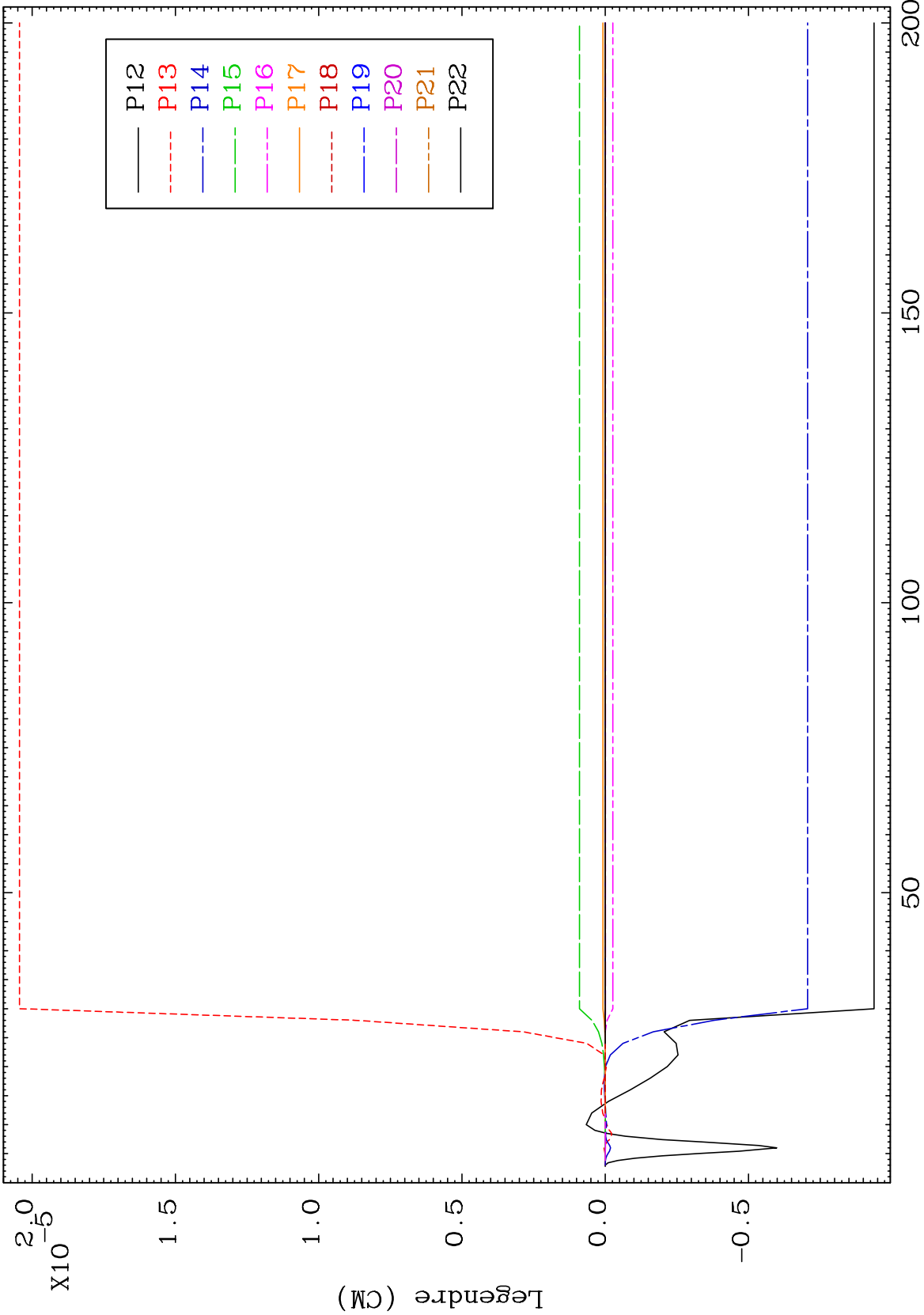
Incident Energy (MeV)

70-Yb-152

MAT 6977

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

70-Yb-152



65

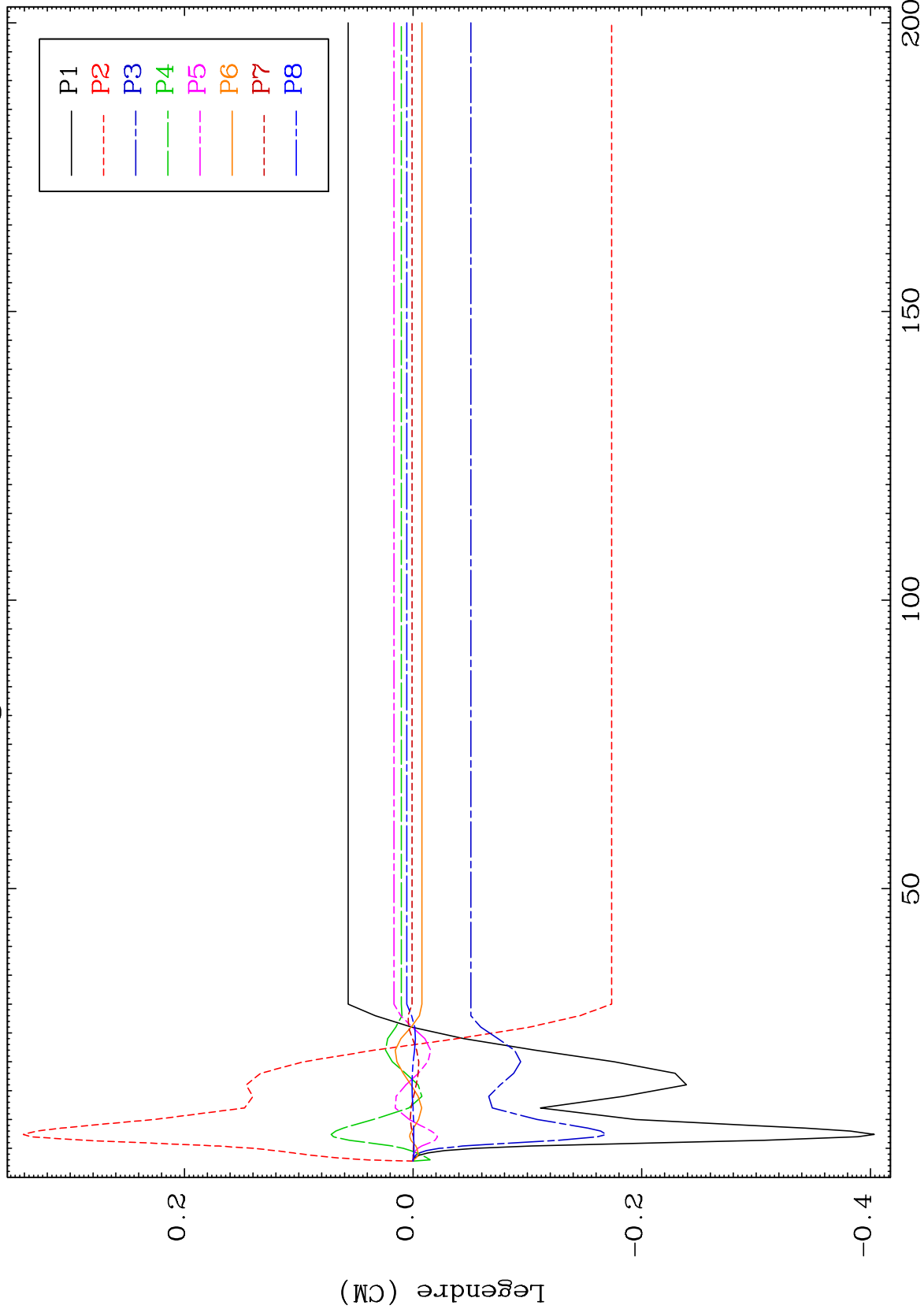
Incident Energy (MeV)

70-Yb-152

MAT 6977

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

70-Yb-152



66

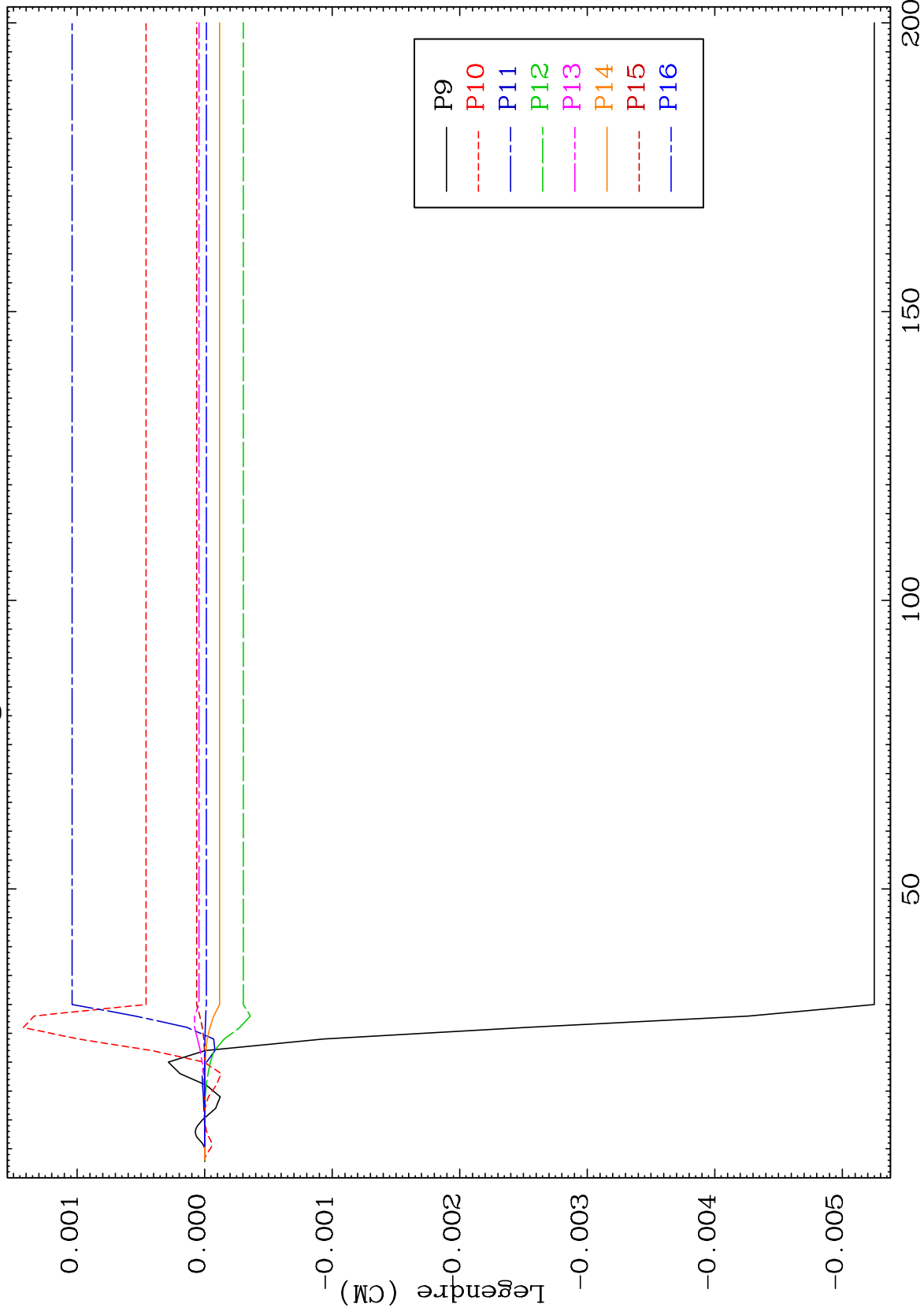
Incident Energy (MeV)

70-Yb-152

MAT 6977

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

70-Yb-152



67

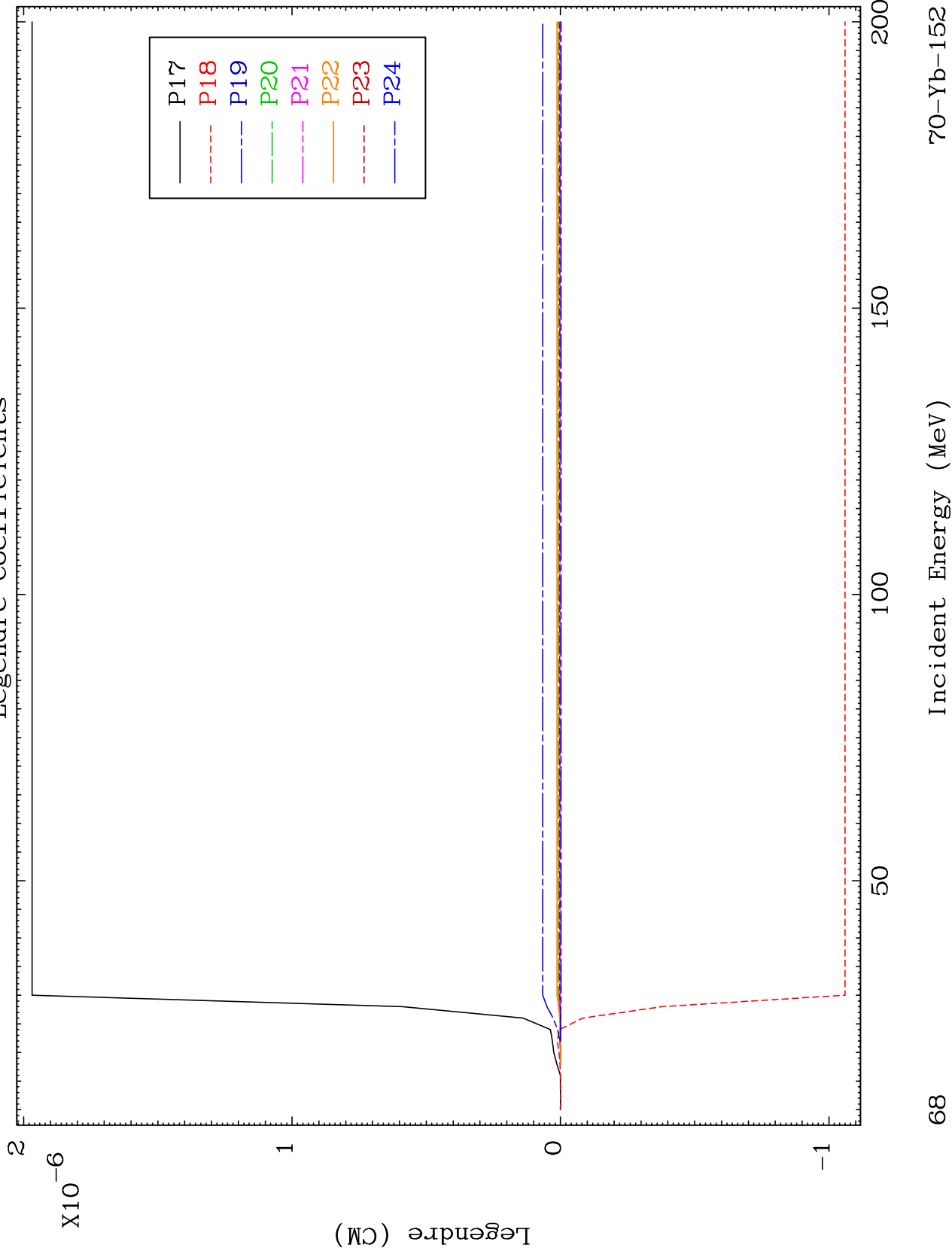
Incident Energy (MeV)

70-Yb-152

MAT 6977

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

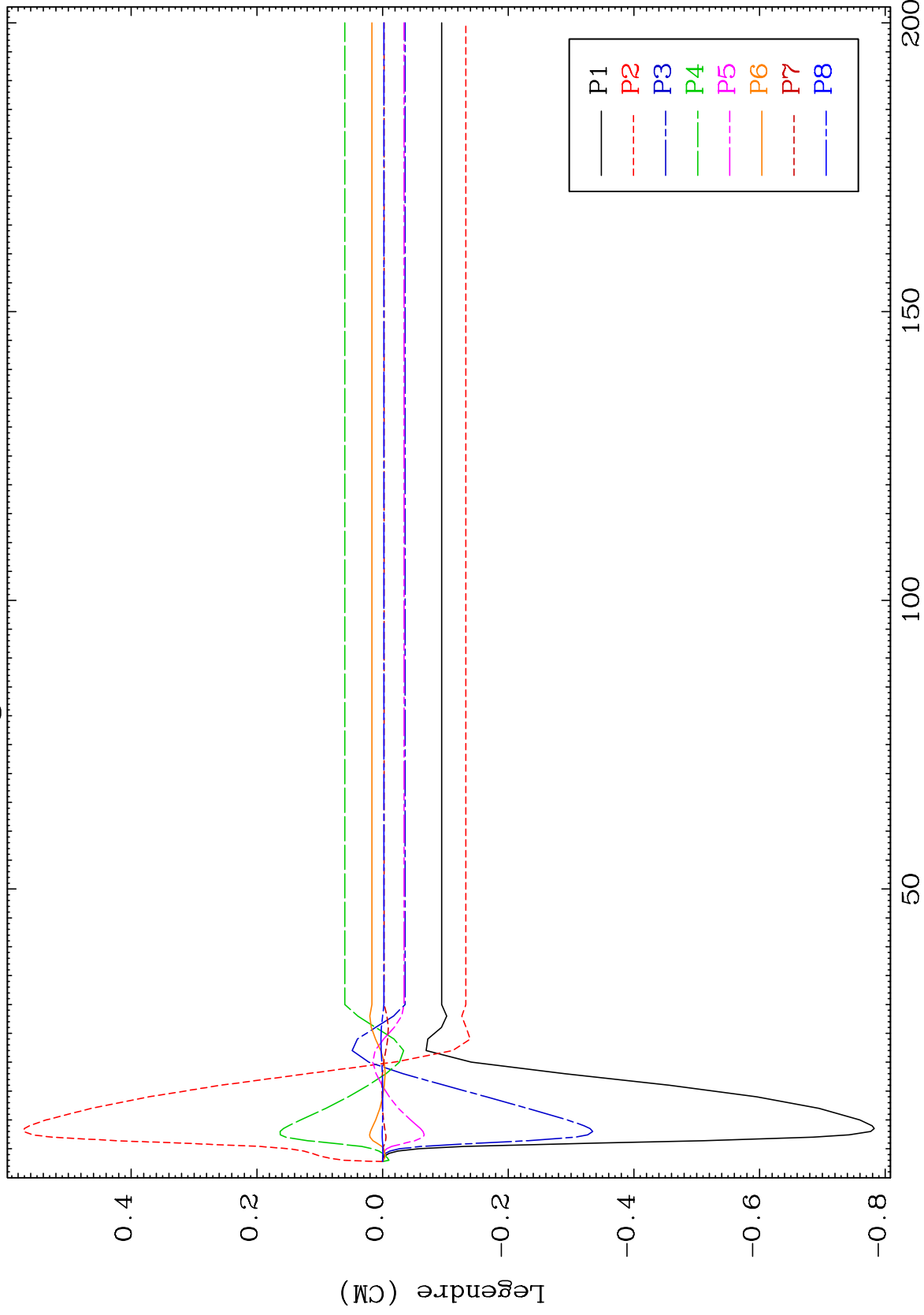
70-Yb-152



MAT 69777

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

70-Yb-152



69

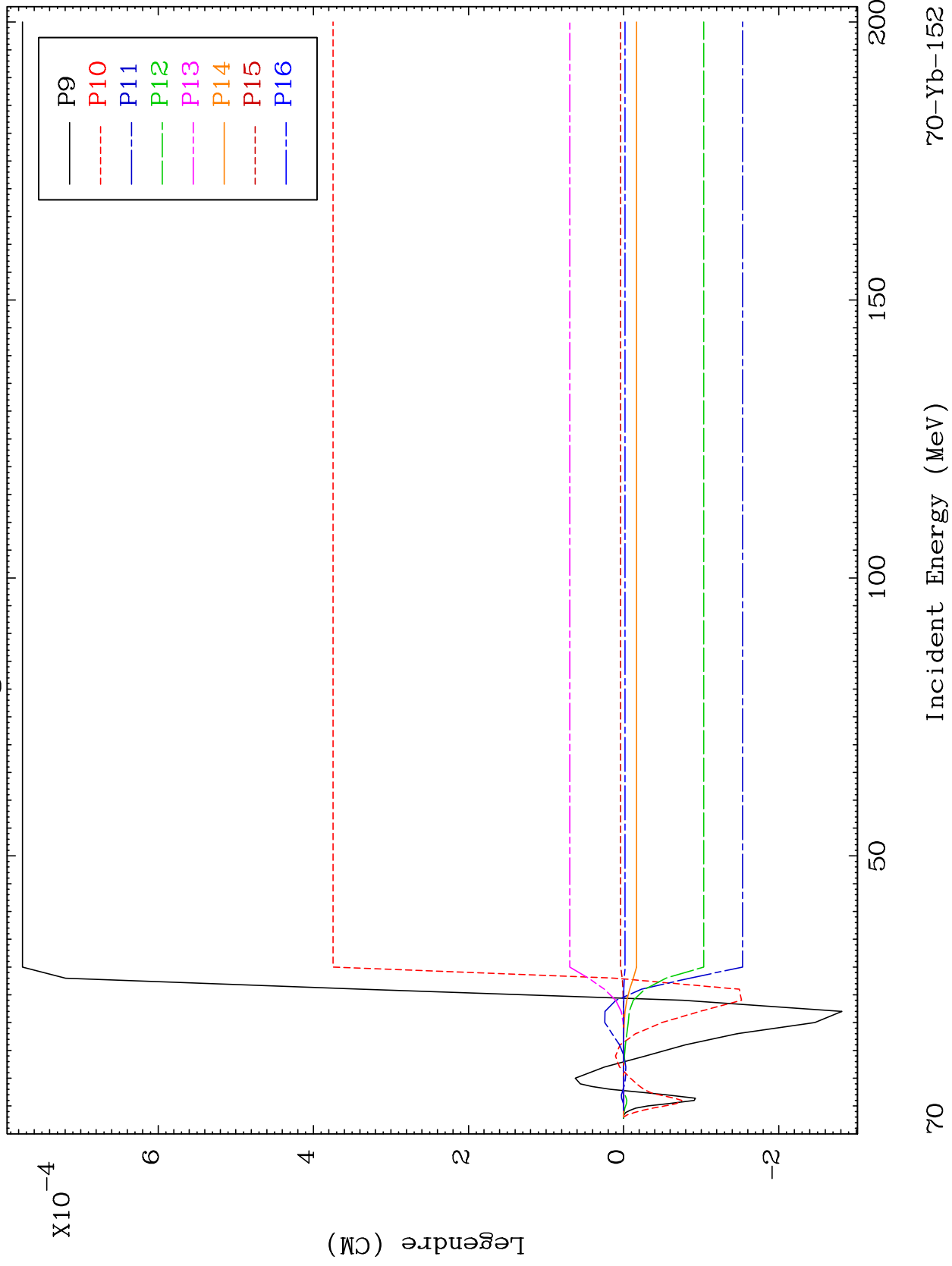
Incident Energy (MeV)

70-Yb-152

MAT 6977

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

70-Yb-152



70

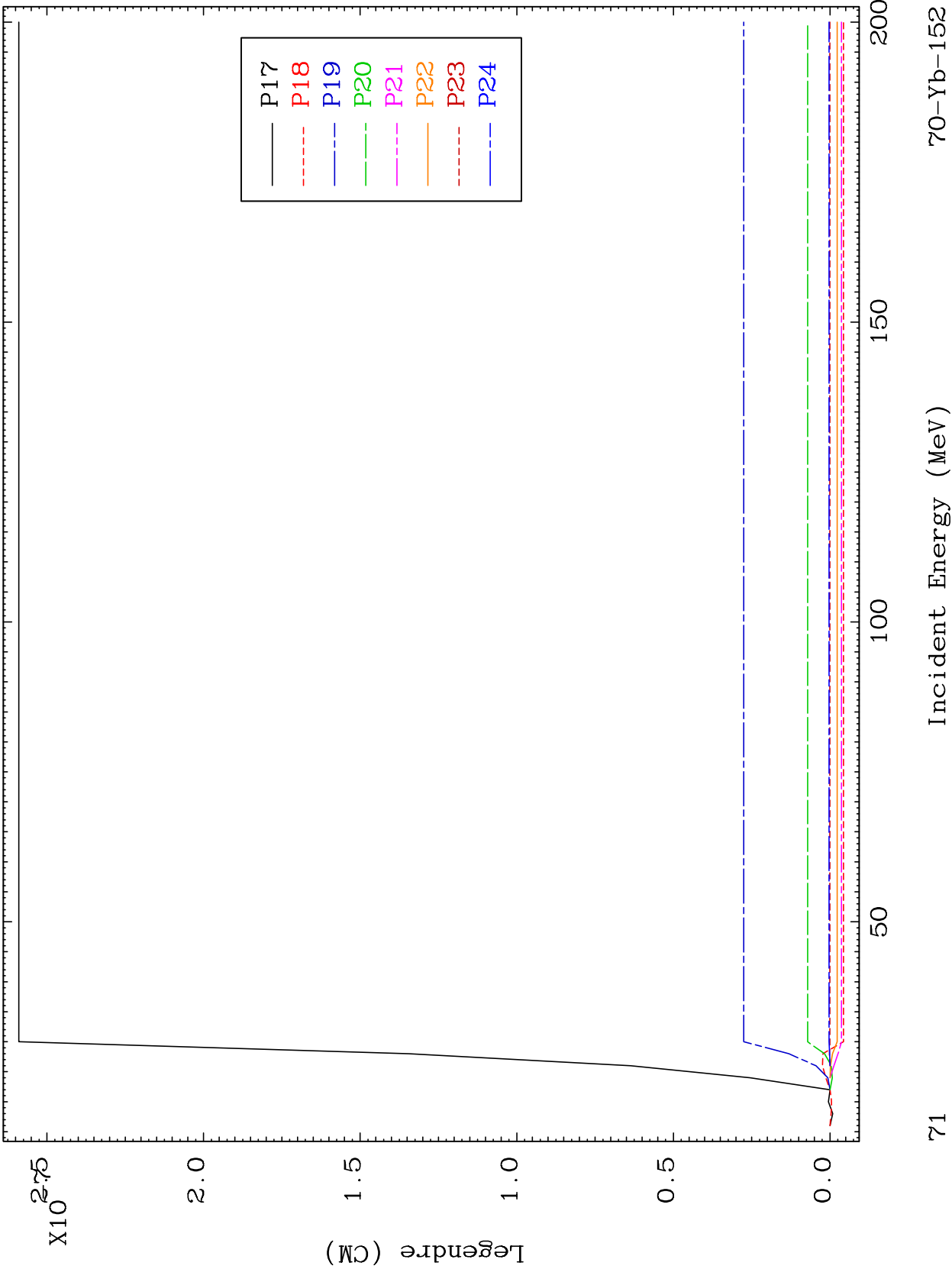
Incident Energy (MeV)

70-Yb-152

MAT 69777

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

70-Yb-152



71

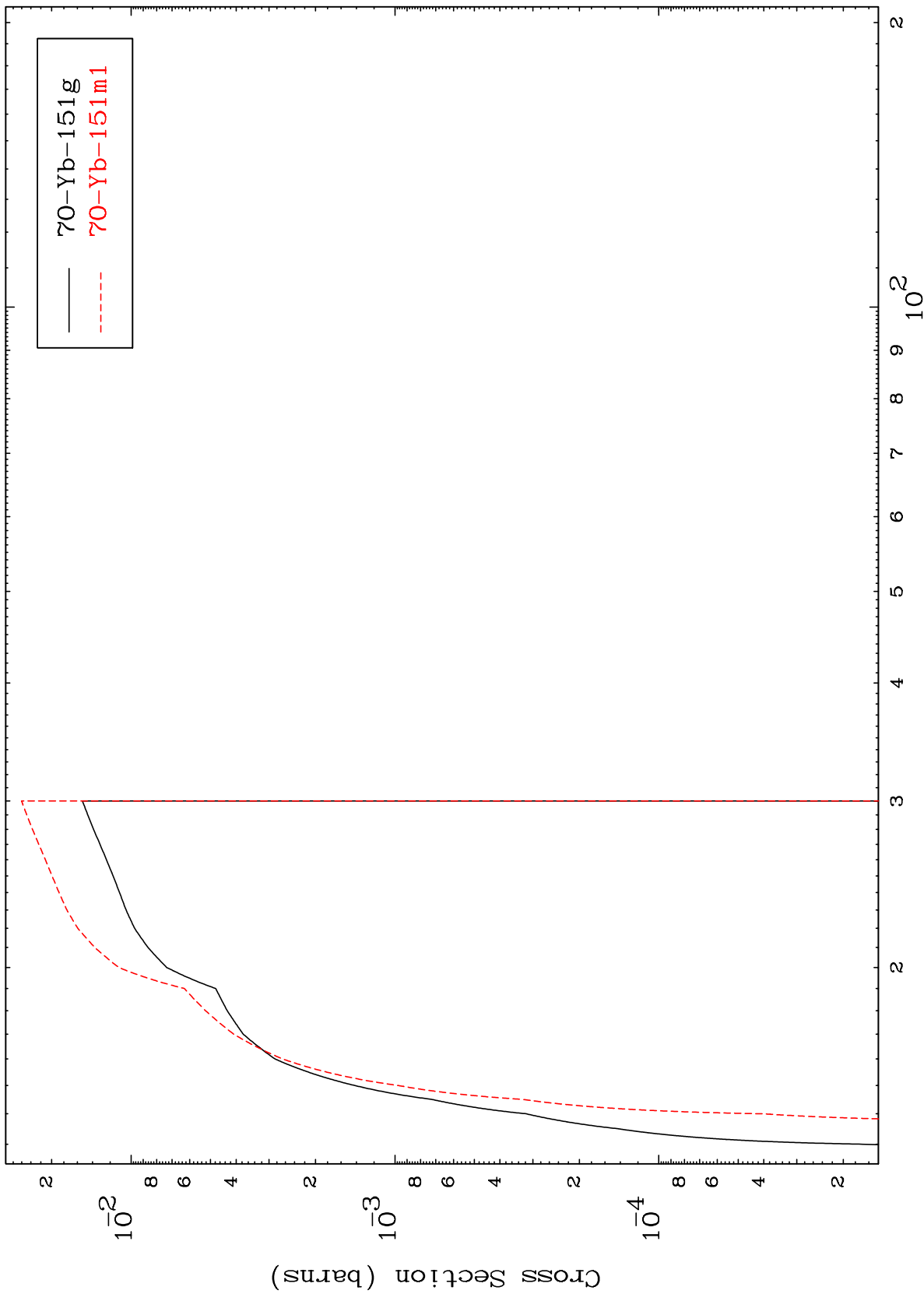
Incident Energy (MeV)

70-Yb-152

MAT 6977

70-Yb-152

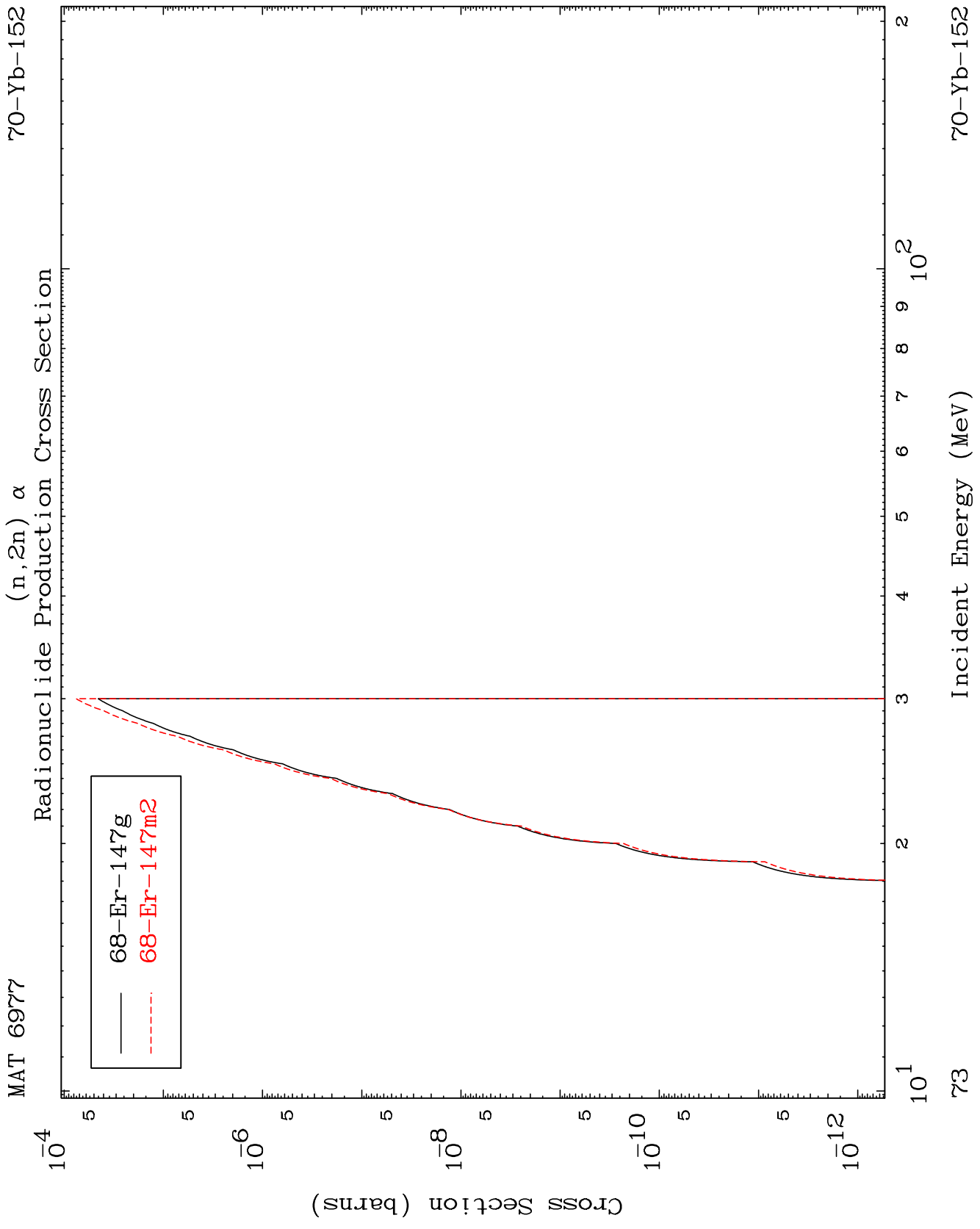
(n,2n)
Radionuclide Production Cross Section



72

Incident Energy (MeV)

70-Yb-152

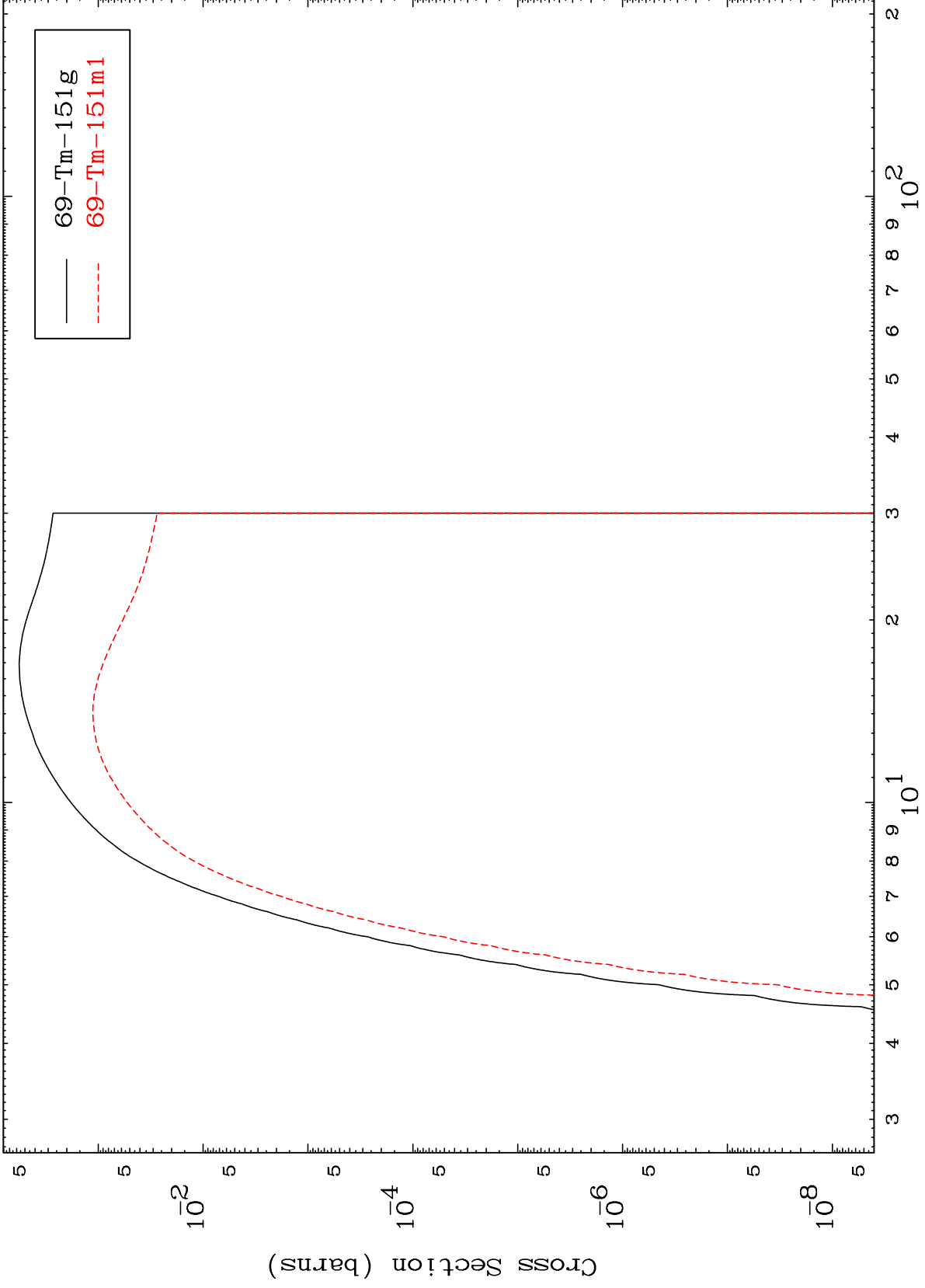


MAT 6977

(n,n') p

70-Yb-152

Radionuclide Production Cross Section



74

Incident Energy (MeV)

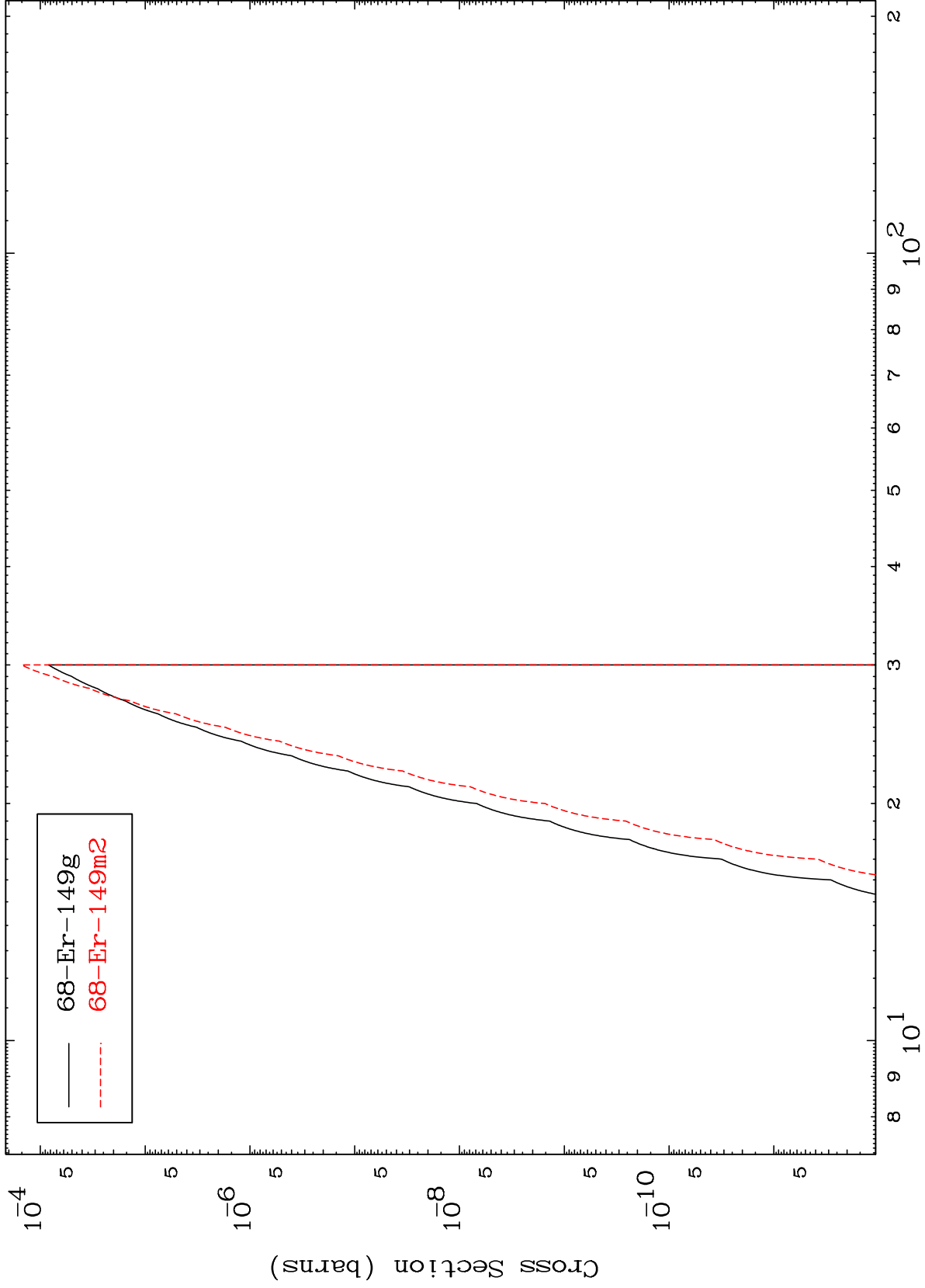
70-Yb-152

MAT 6977

(n,n') He-3

70-Yb-152

Radionuclide Production Cross Section



68-Er-149g
68-Er-149m2

75

Incident Energy (MeV)

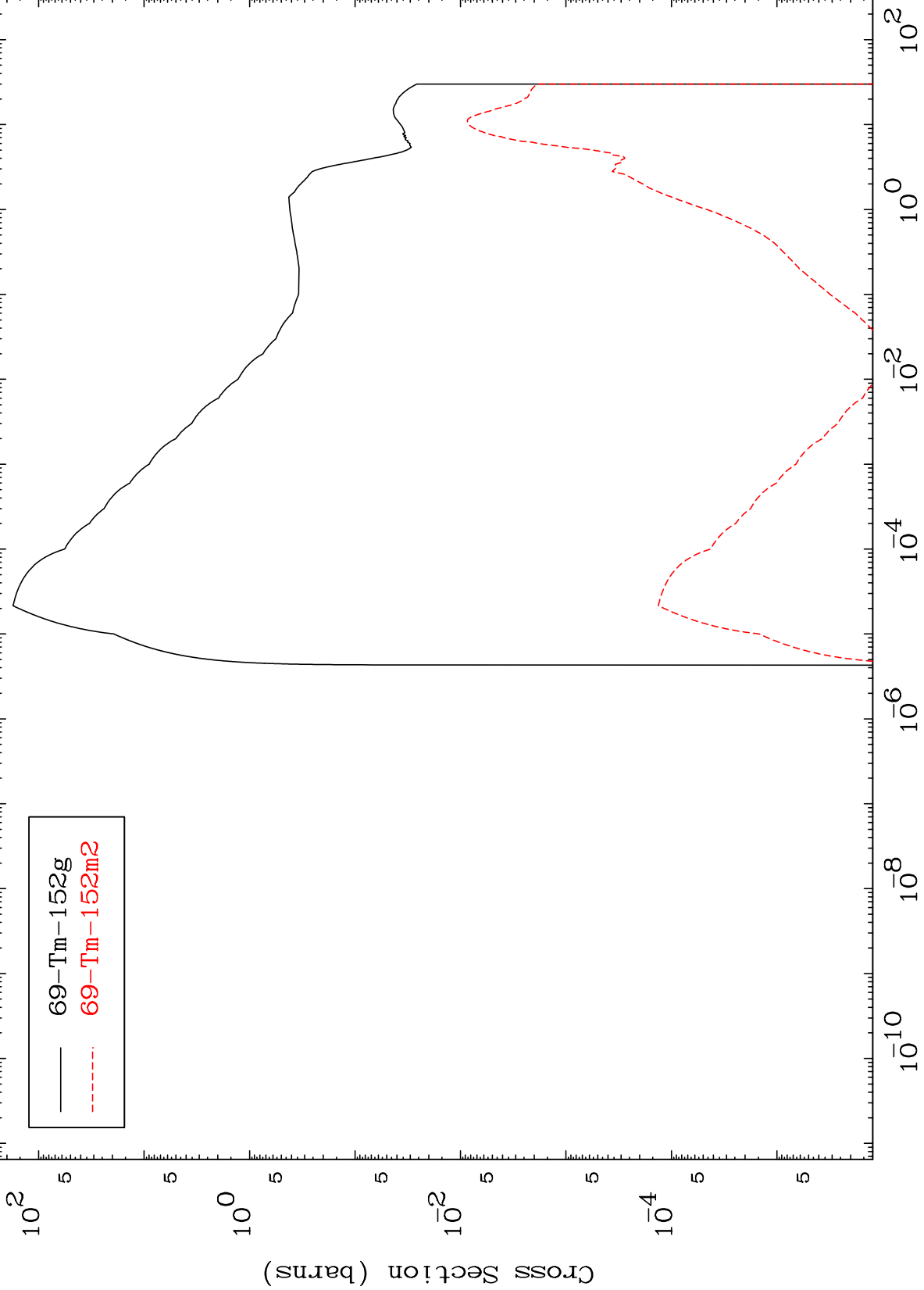
70-Yb-152

MAT 6977

(n,p)

70-Yb-152

Radionuclide Production Cross Section



76

Incident Energy (MeV)

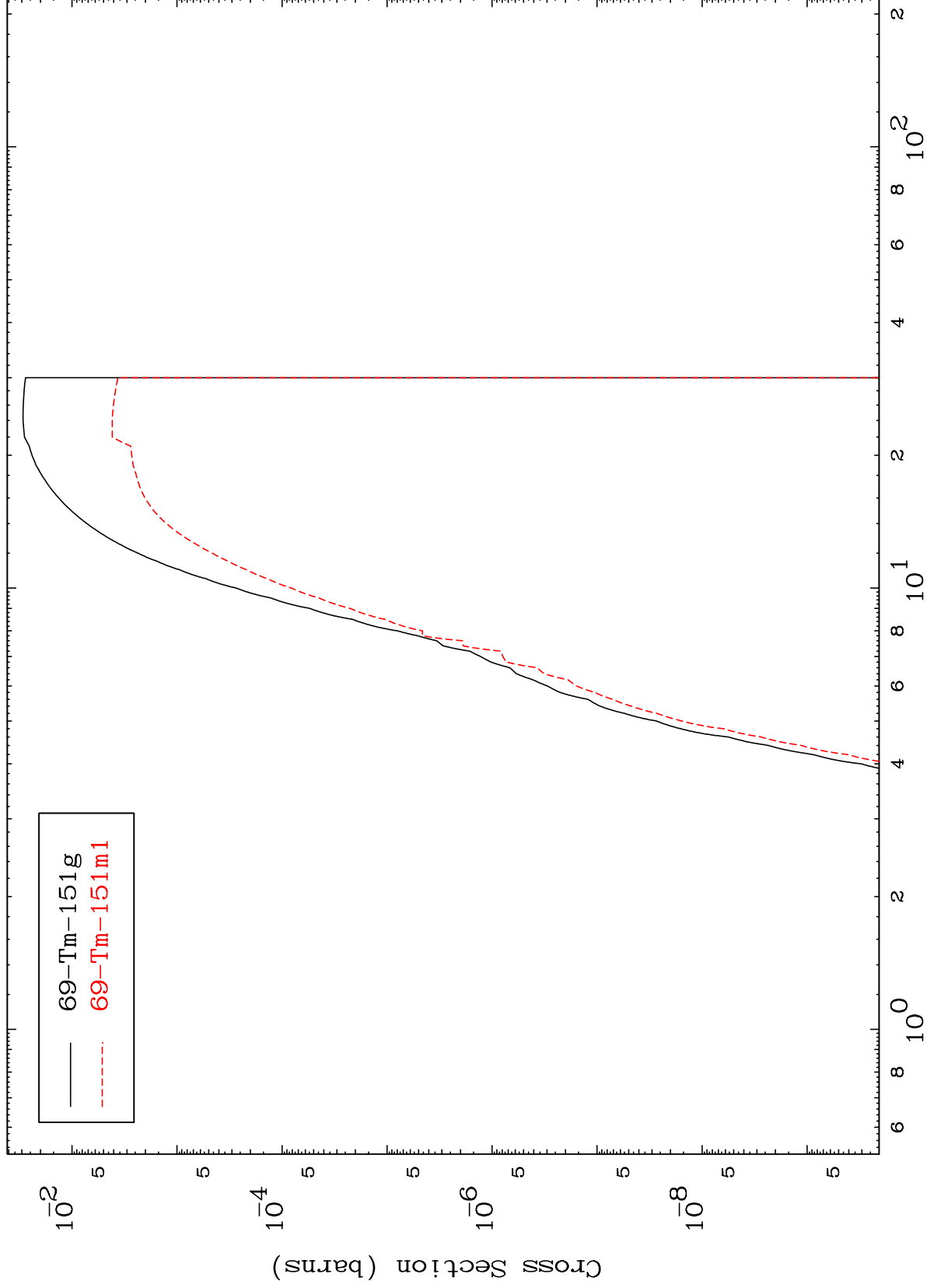
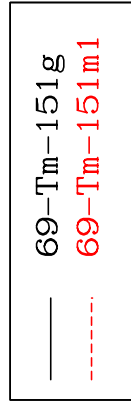
70-Yb-152

MAT 6977

(n,d)

70-Yb-152

Radionuclide Production Cross Section



77

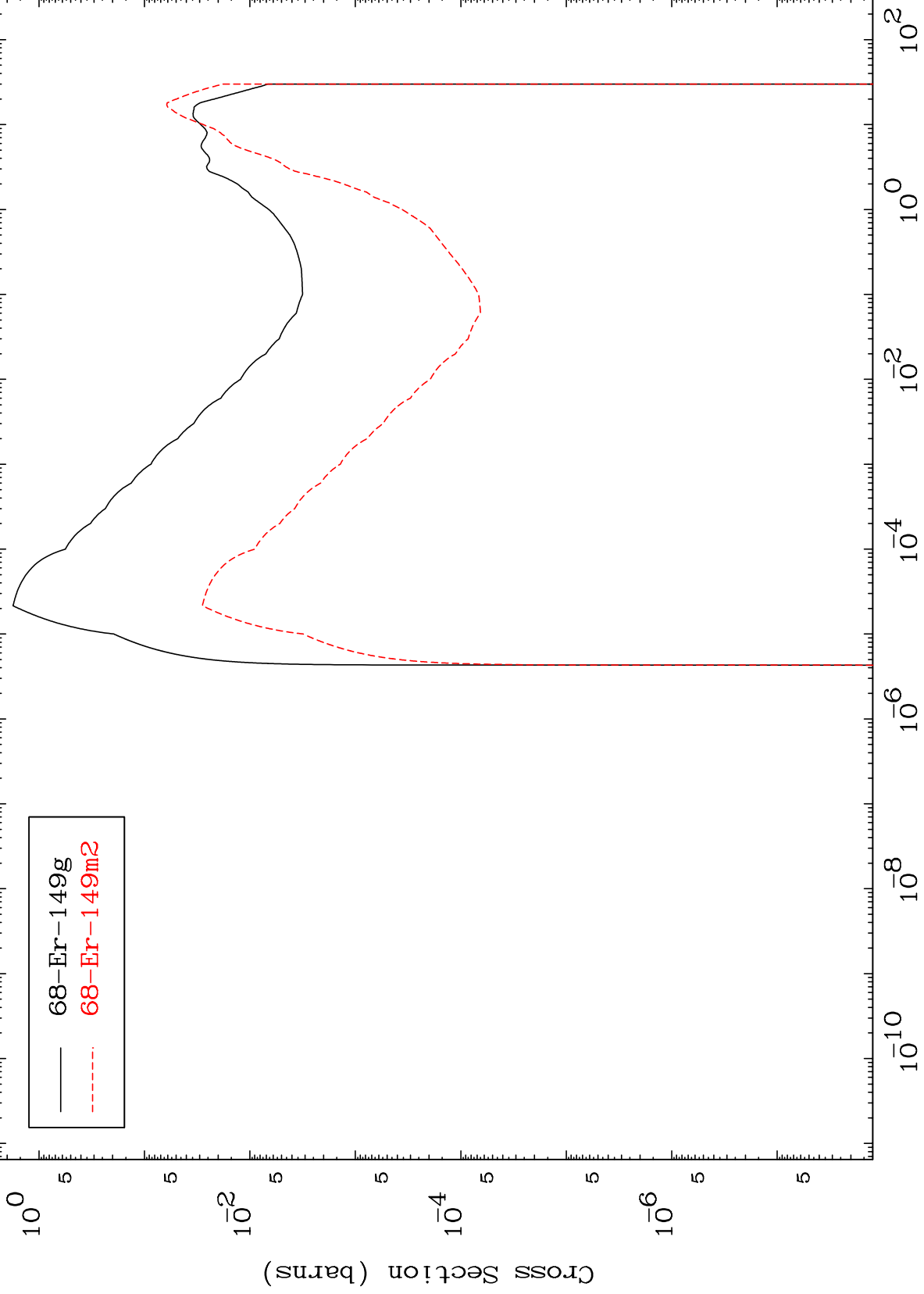
Incident Energy (MeV)

70-Yb-152

MAT 6977

70-Yb-152

Radionuclide Production Cross Section



— 68-Er-149g
- - - 68-Er-149m2

78

Incident Energy (MeV)

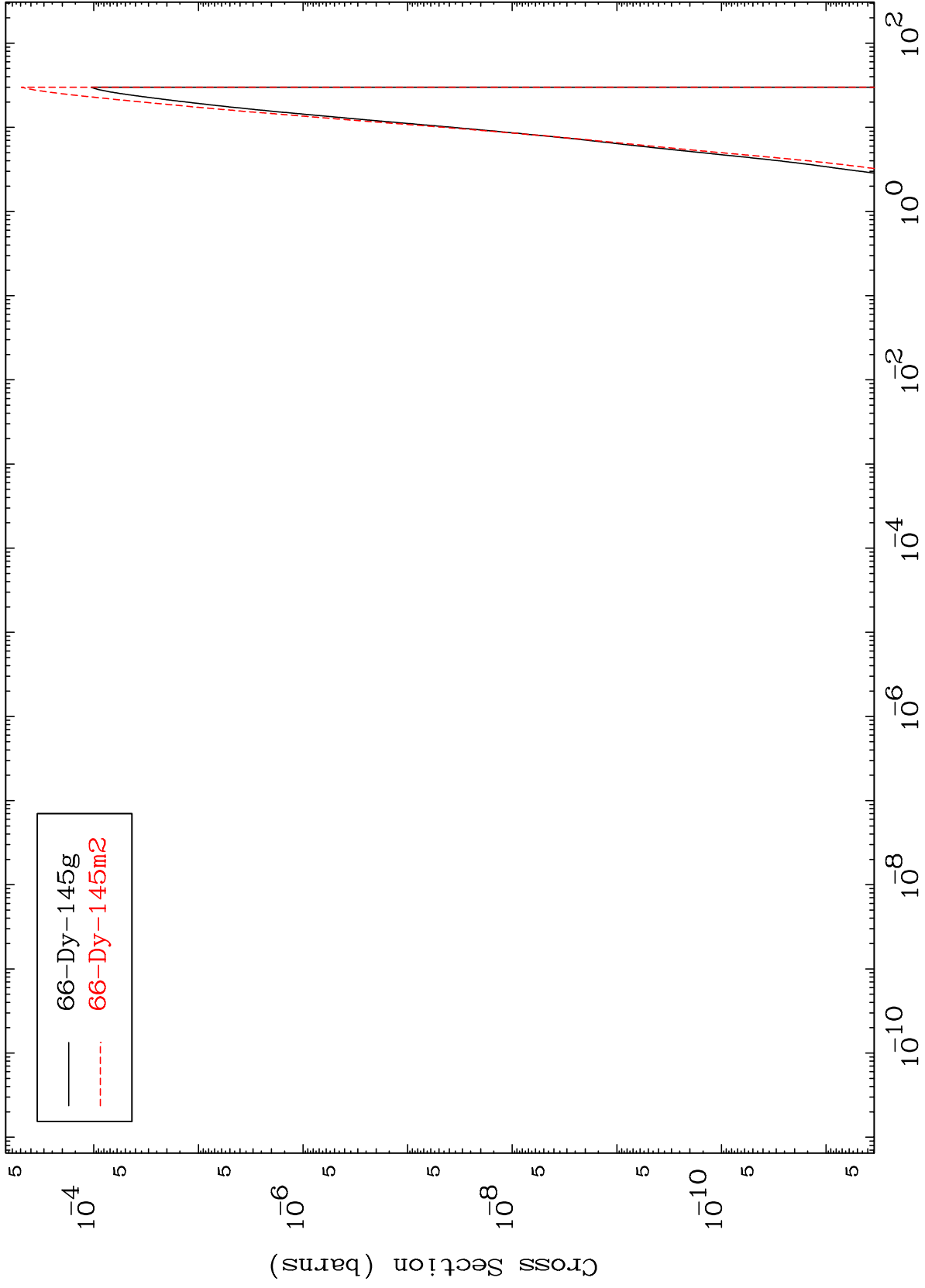
70-Yb-152

MAT 6977

(n,2α)

70-Yb-152

Radionuclide Production Cross Section



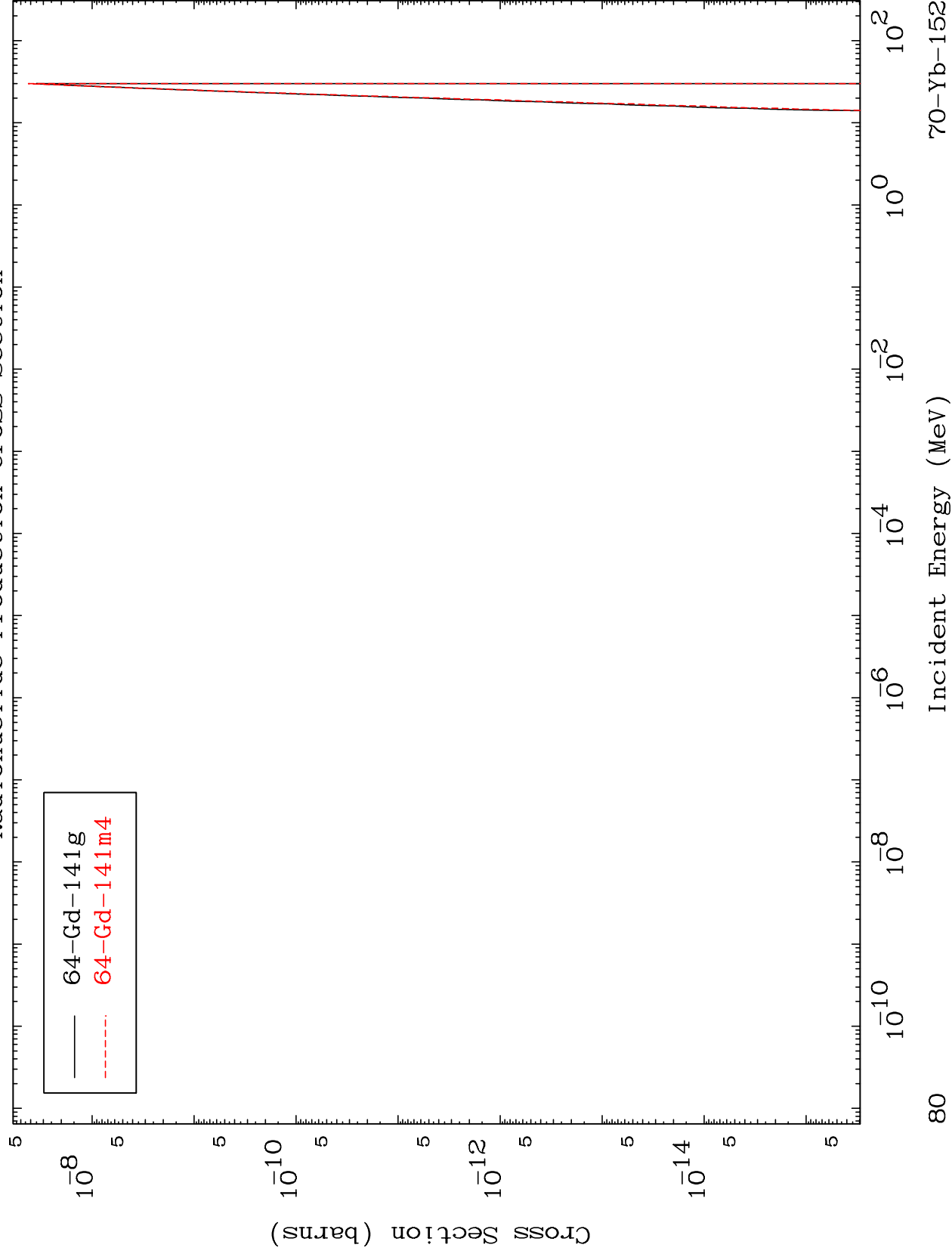
66-Dy-145g
66-Dy-145m2

MAT 6977

(n, 3 α)

70-Yb-152

Radionuclide Production Cross Section



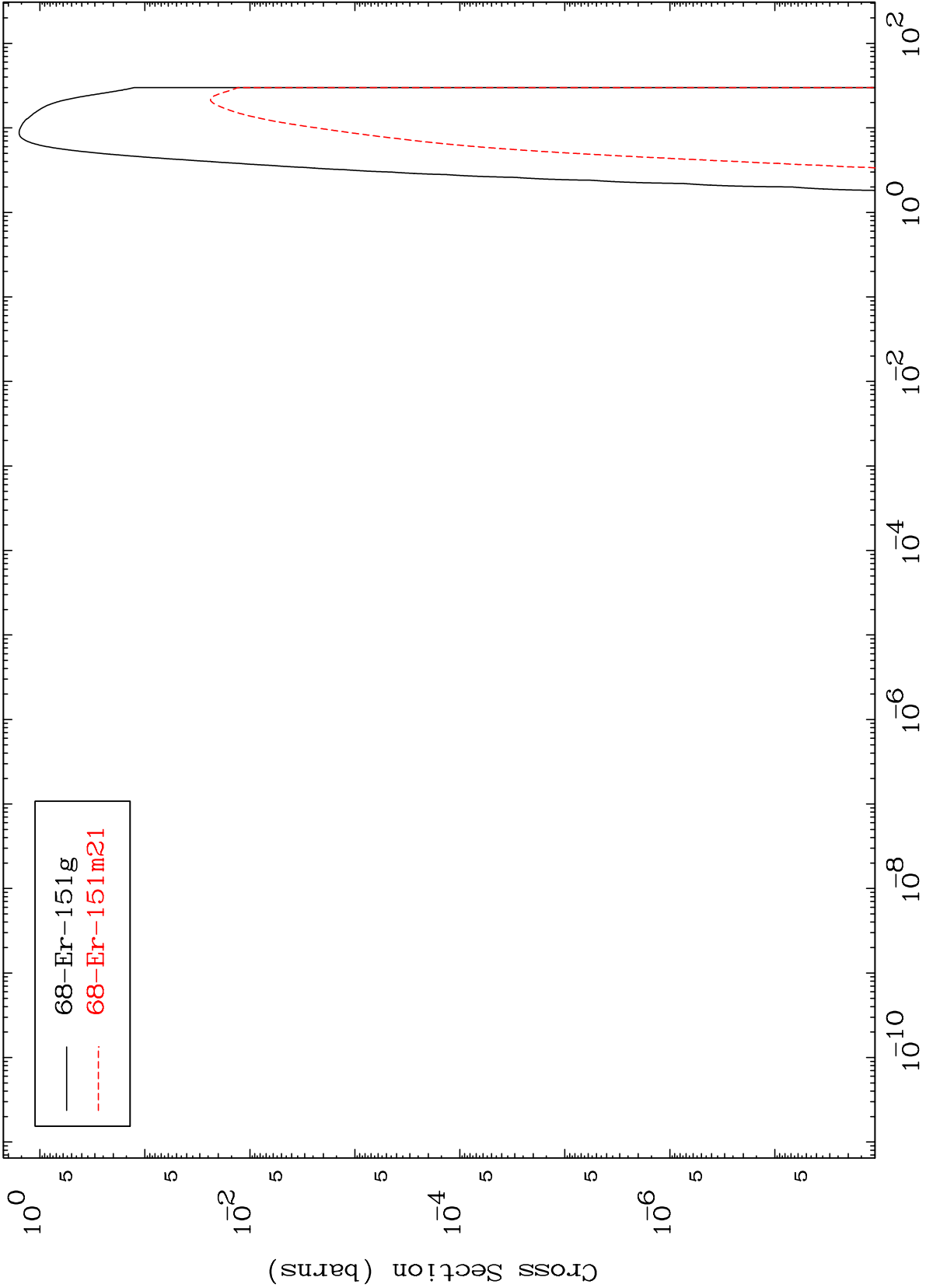
80

MAT 6977

(n,2p)

70-Yb-152

Radionuclide Production Cross Section

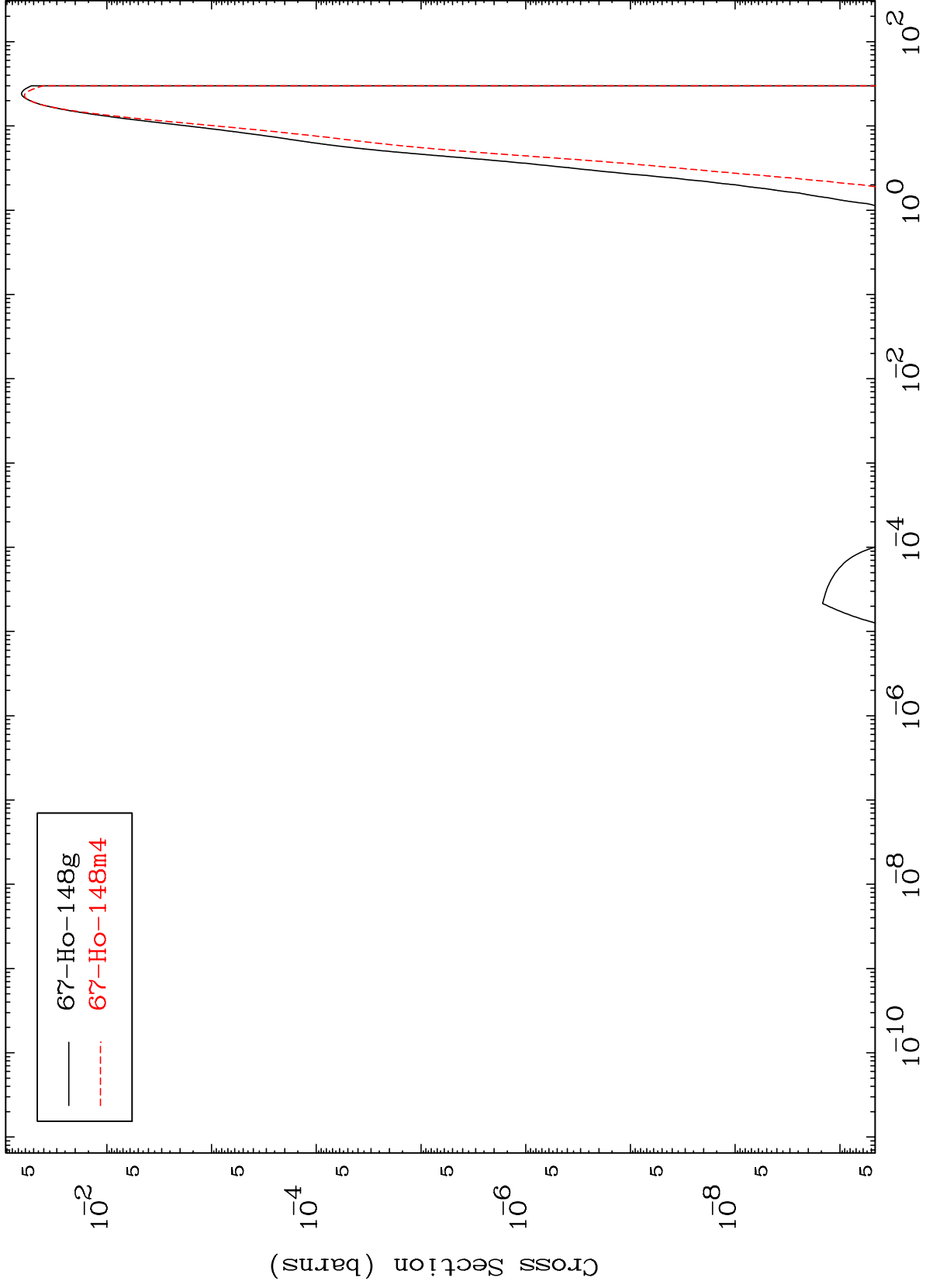


MAT 6977

(n,p) α

70-Yb-152

Radionuclide Production Cross Section



82

Incident Energy (MeV)

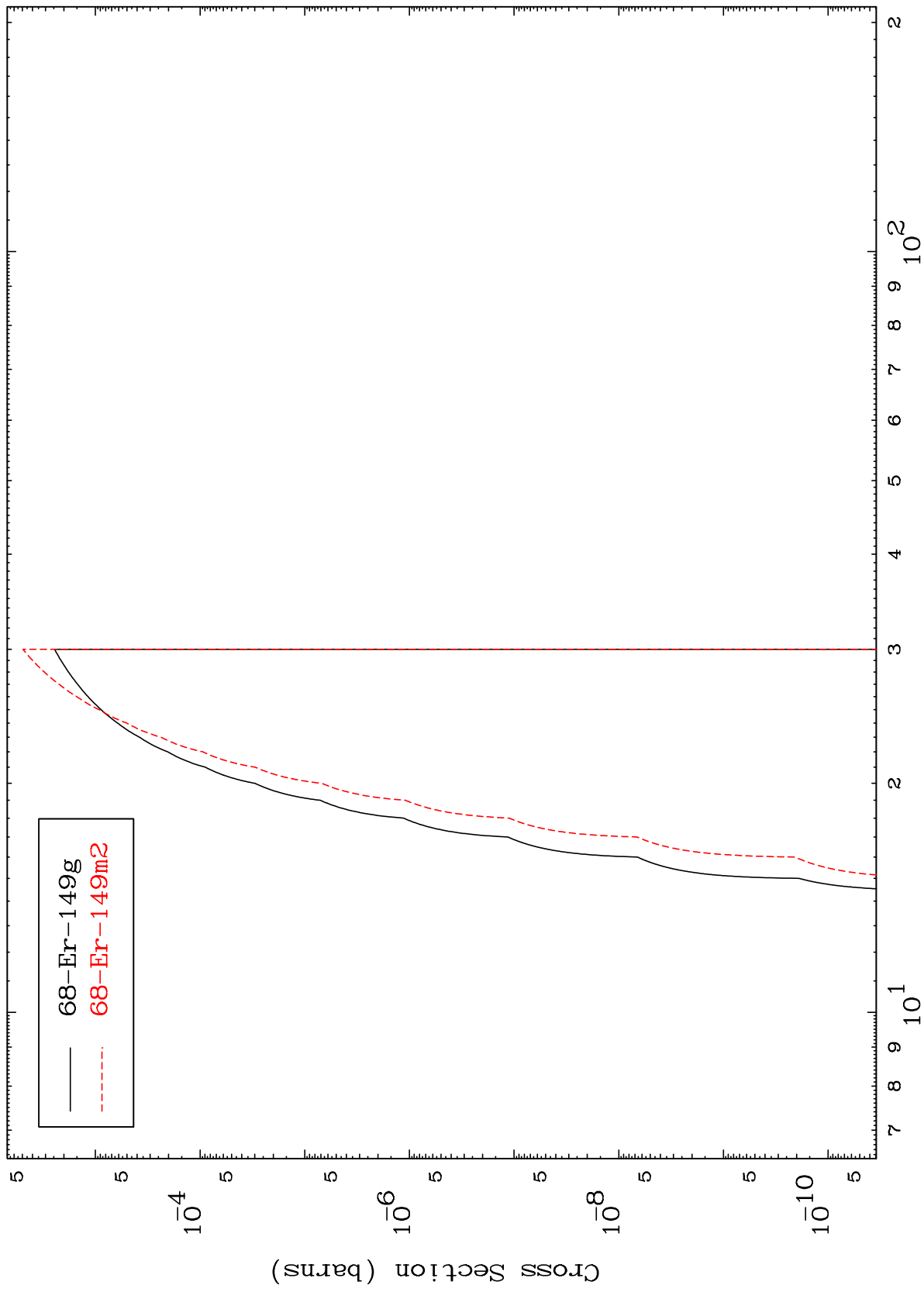
70-Yb-152

MAT 6977

(n,p) t

70-Yb-152

Radionuclide Production Cross Section



83

Incident Energy (MeV)

70-Yb-152