

Program EVALPLOT
(Version 2021-1)

by

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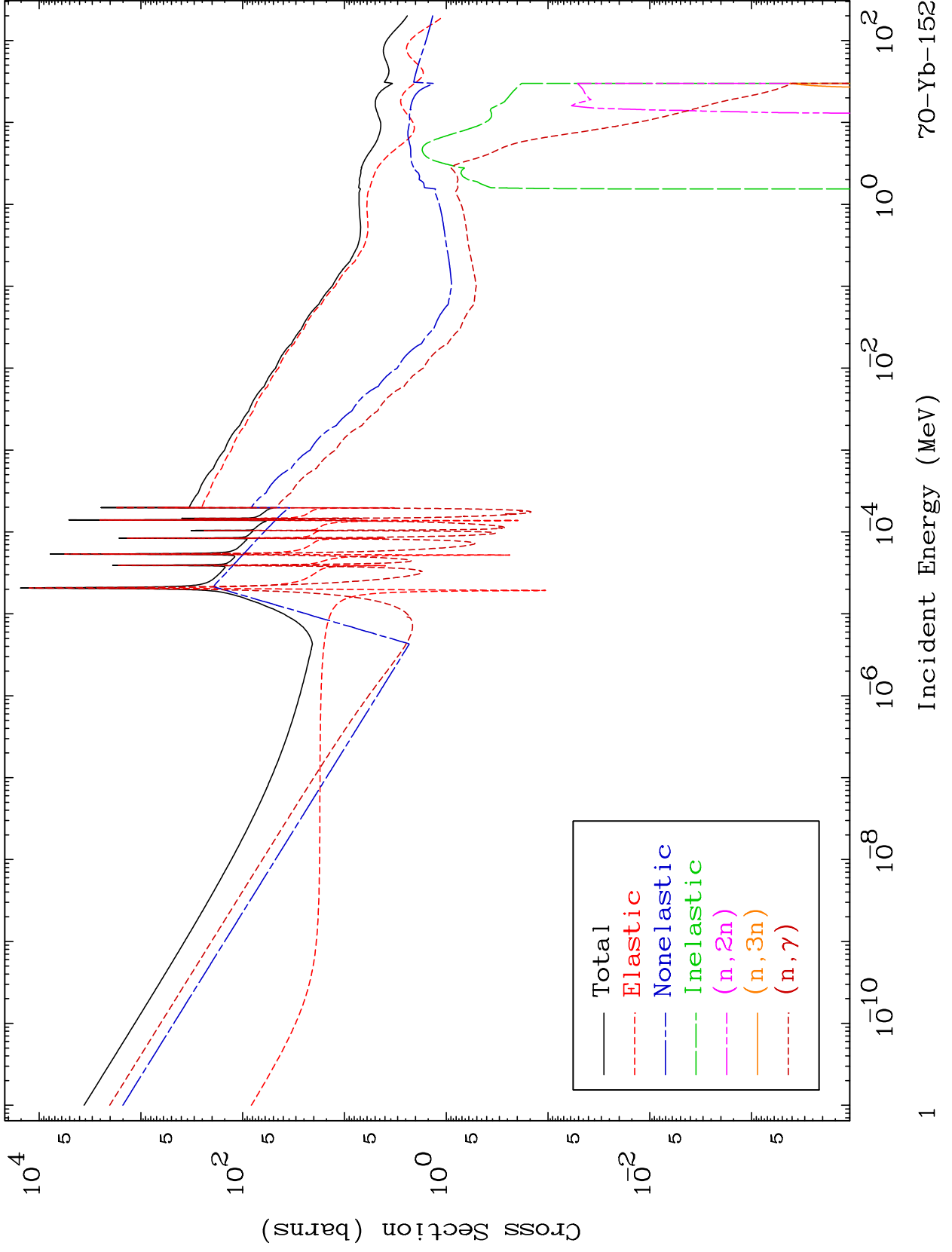
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6977

Neutron Major
293 Kelvin Cross Sections

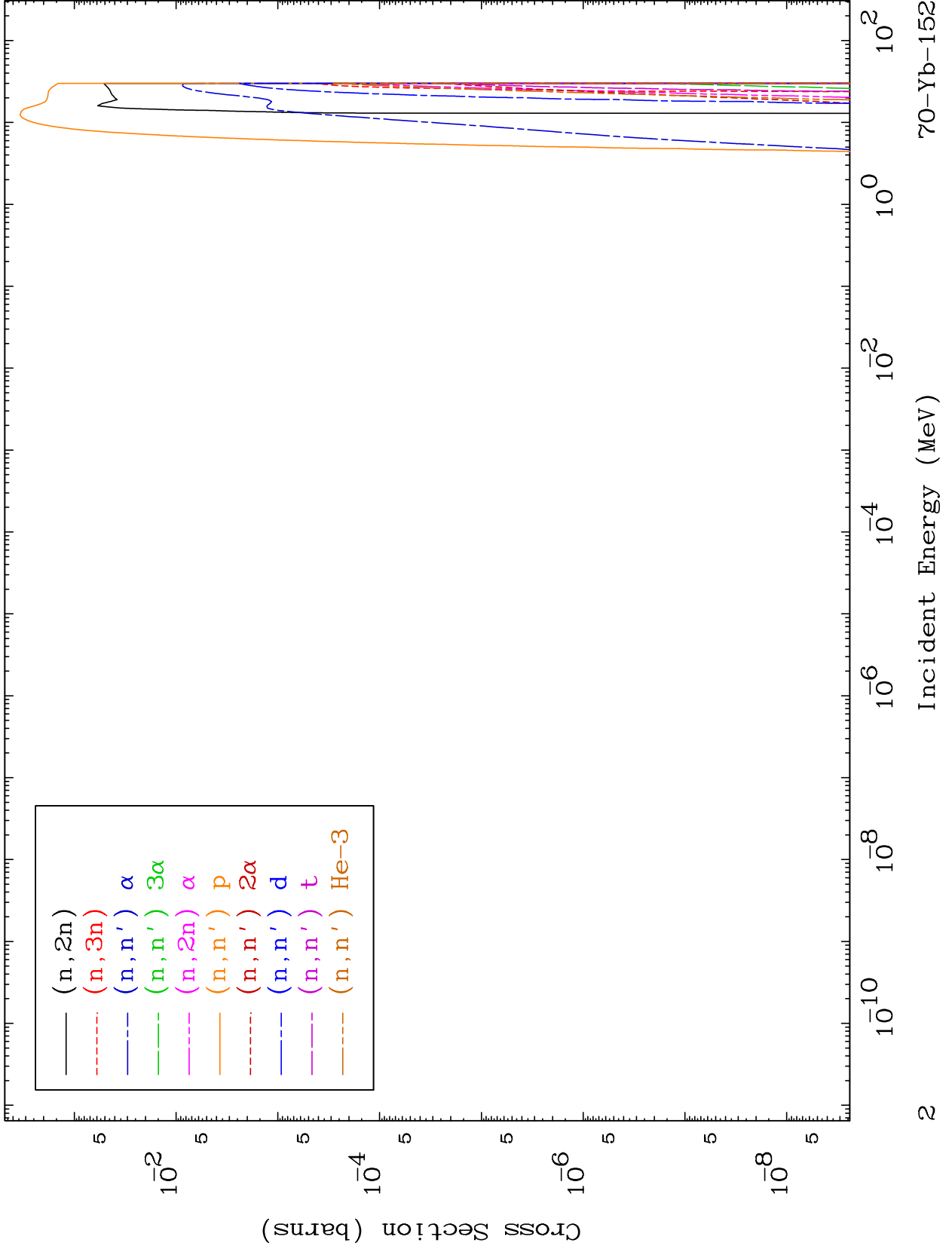
70-Yb-152



MAT 6977

Neutron Absorption
293 Kelvin Cross Sections

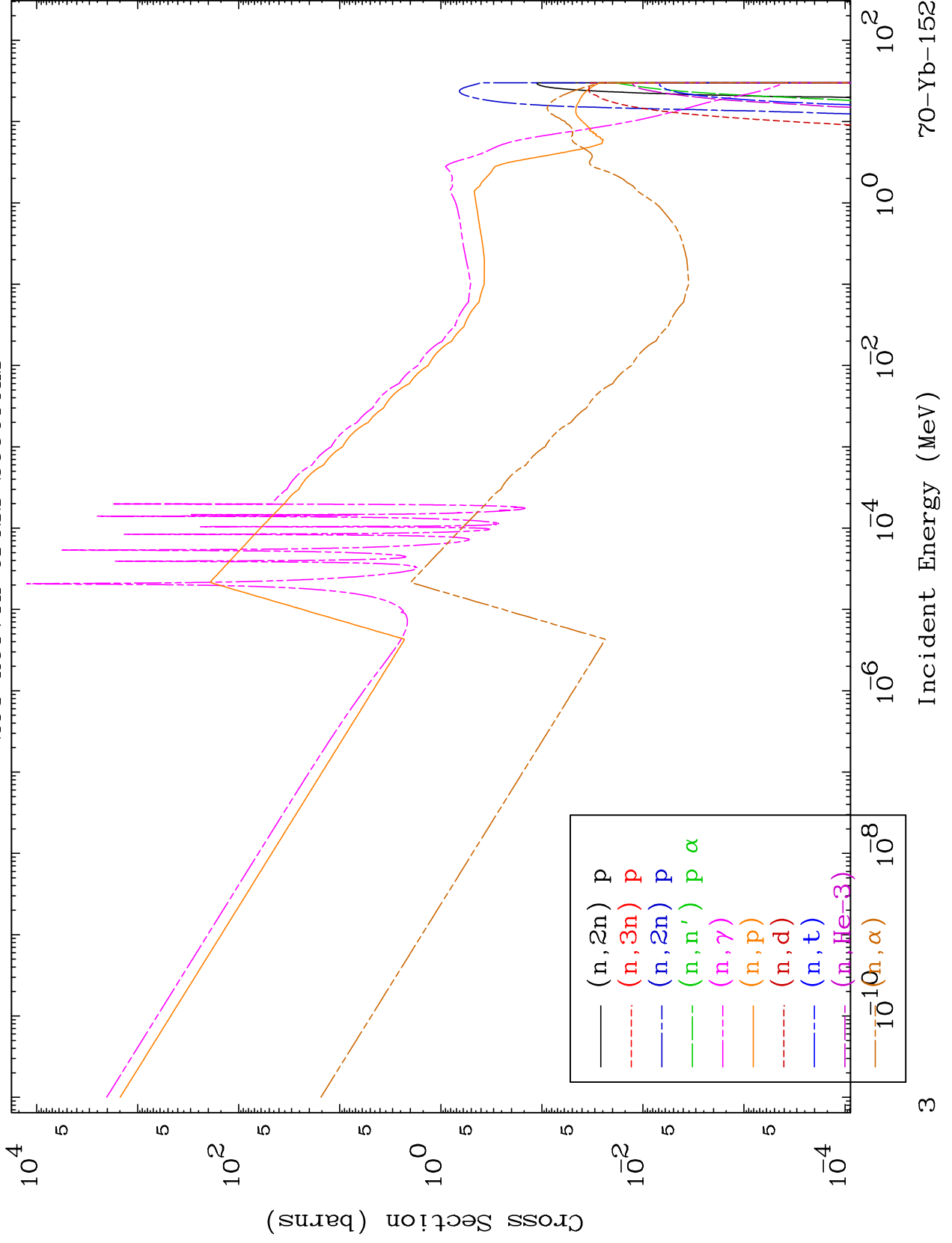
70-Yb-152



MAT 6977

Neutron Absorption
293 Kelvin Cross Sections

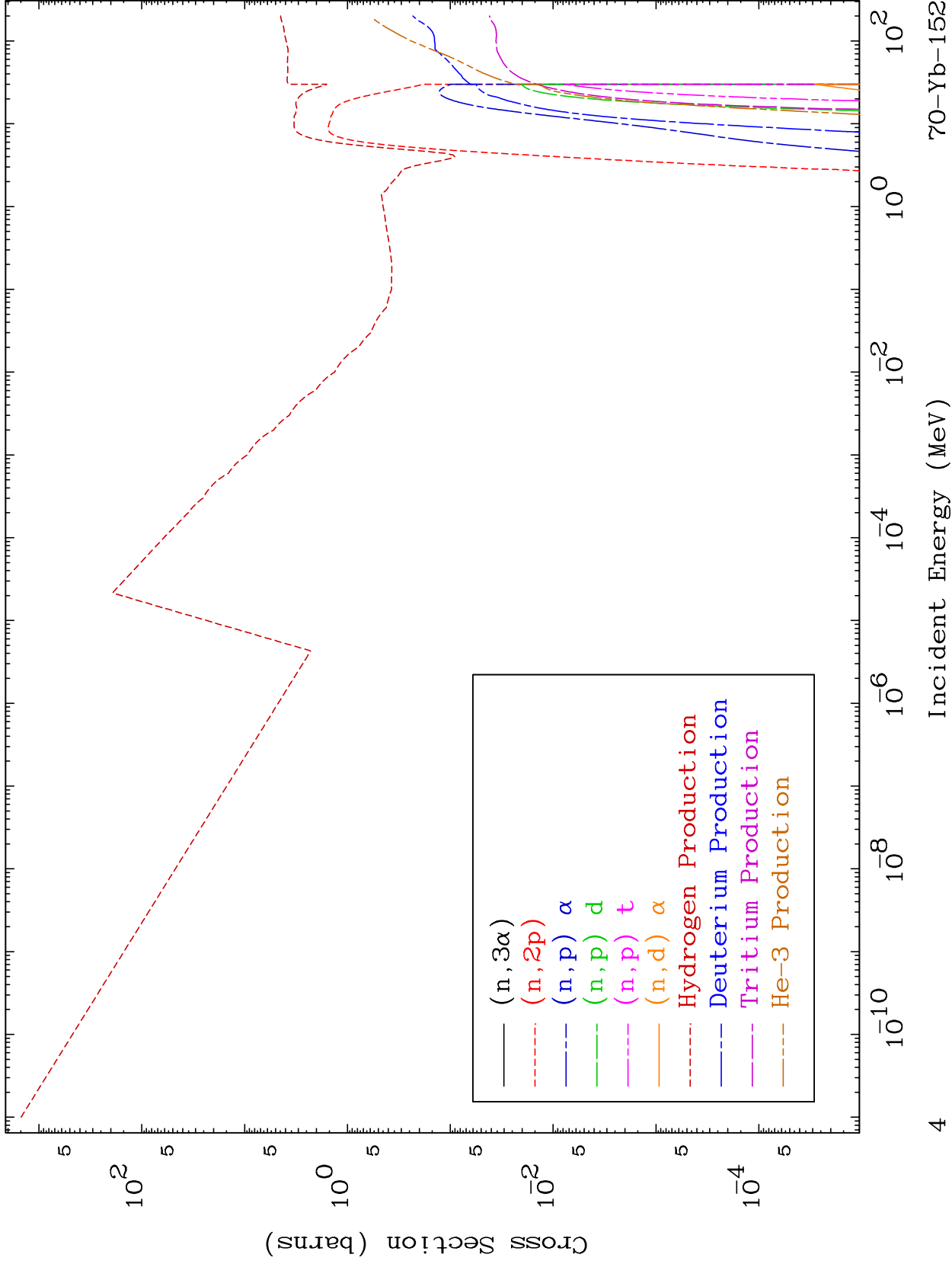
70-Yb-152



MAT 6977

Neutron Absorption
293 Kelvin Cross Sections

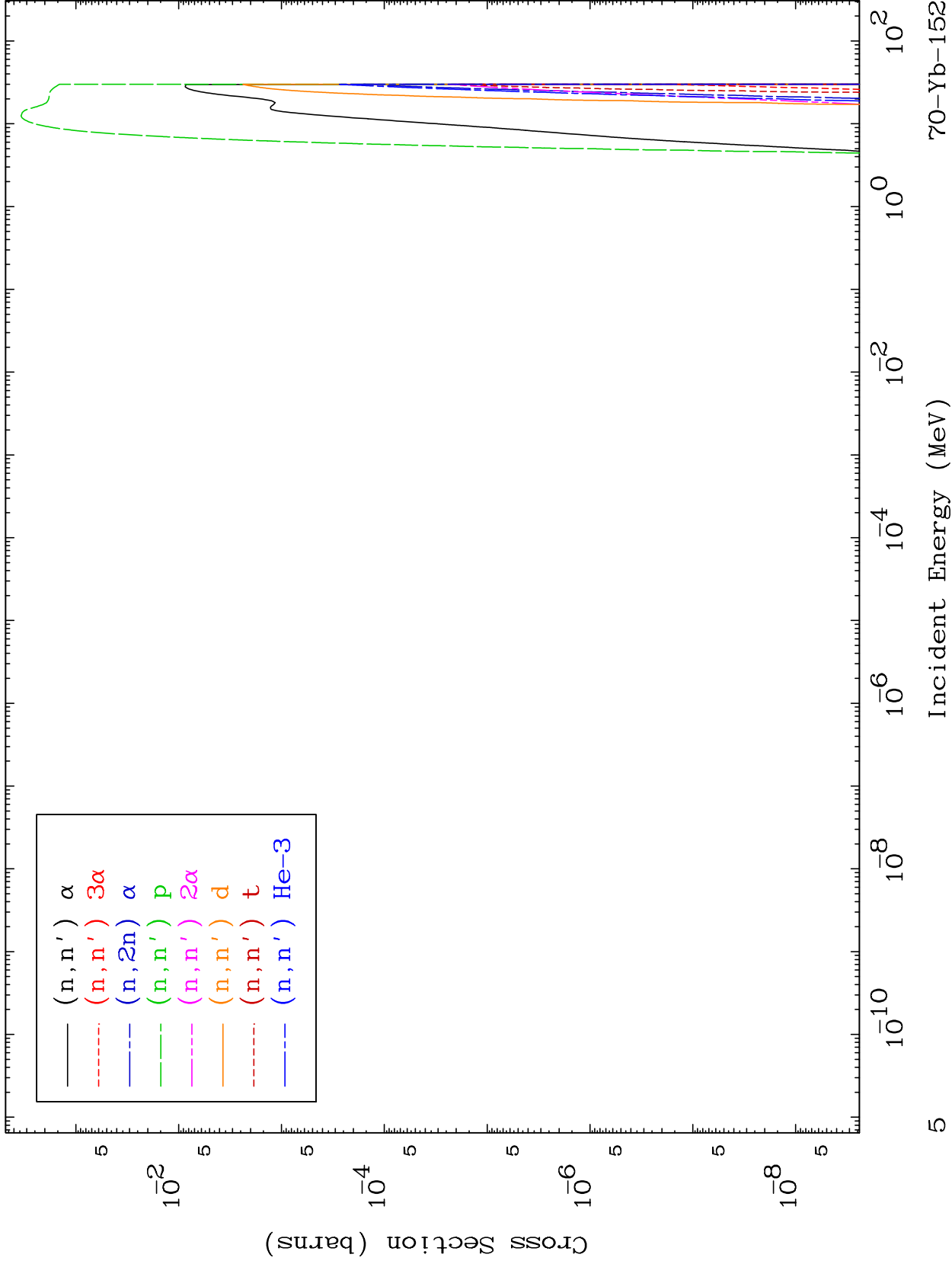
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MAT 6977

Charged Particle
293 Kelvin Cross Sections

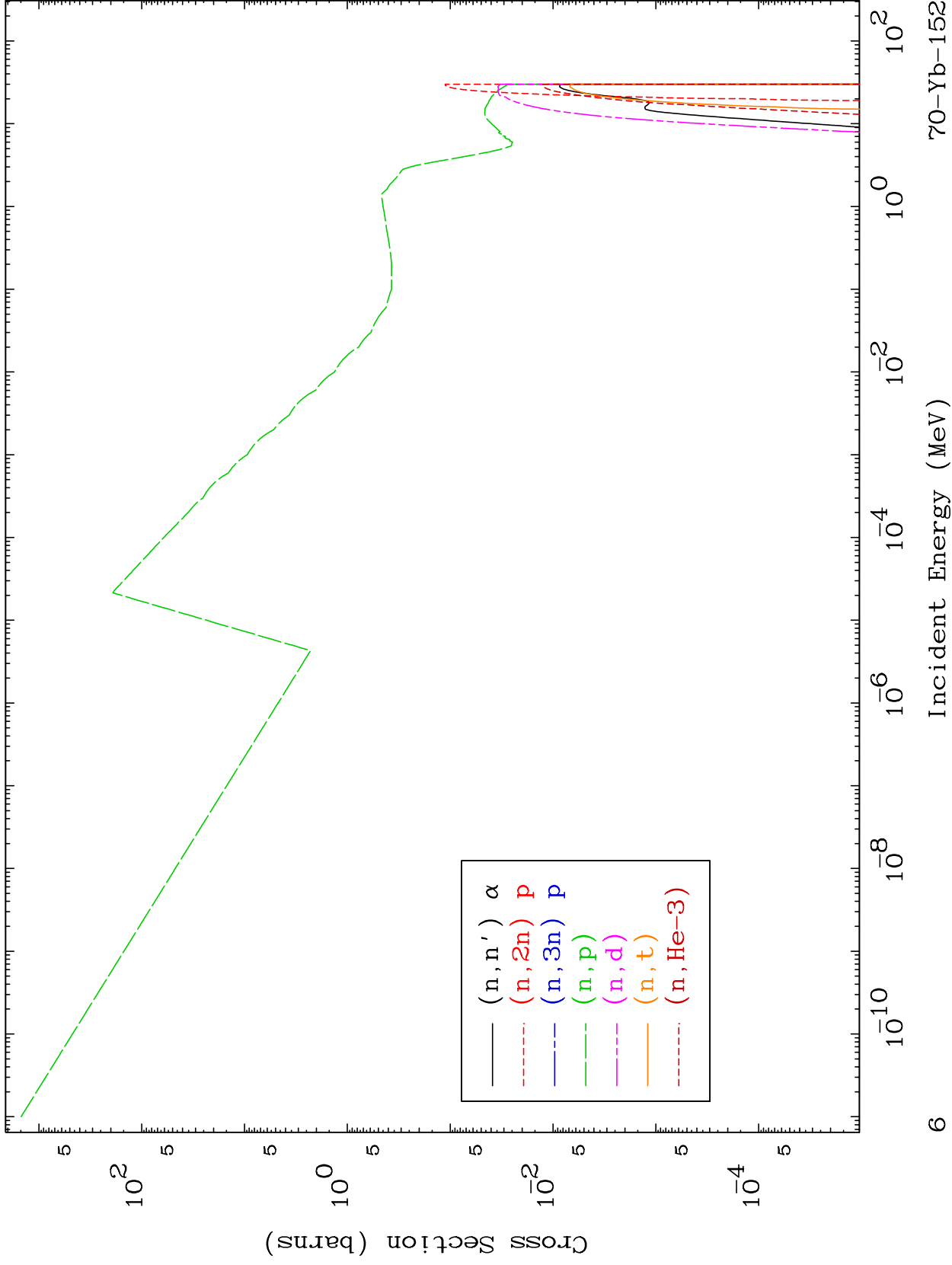
70-Yb-152



MAT 6977

Charged Particle
293 Kelvin Cross Sections

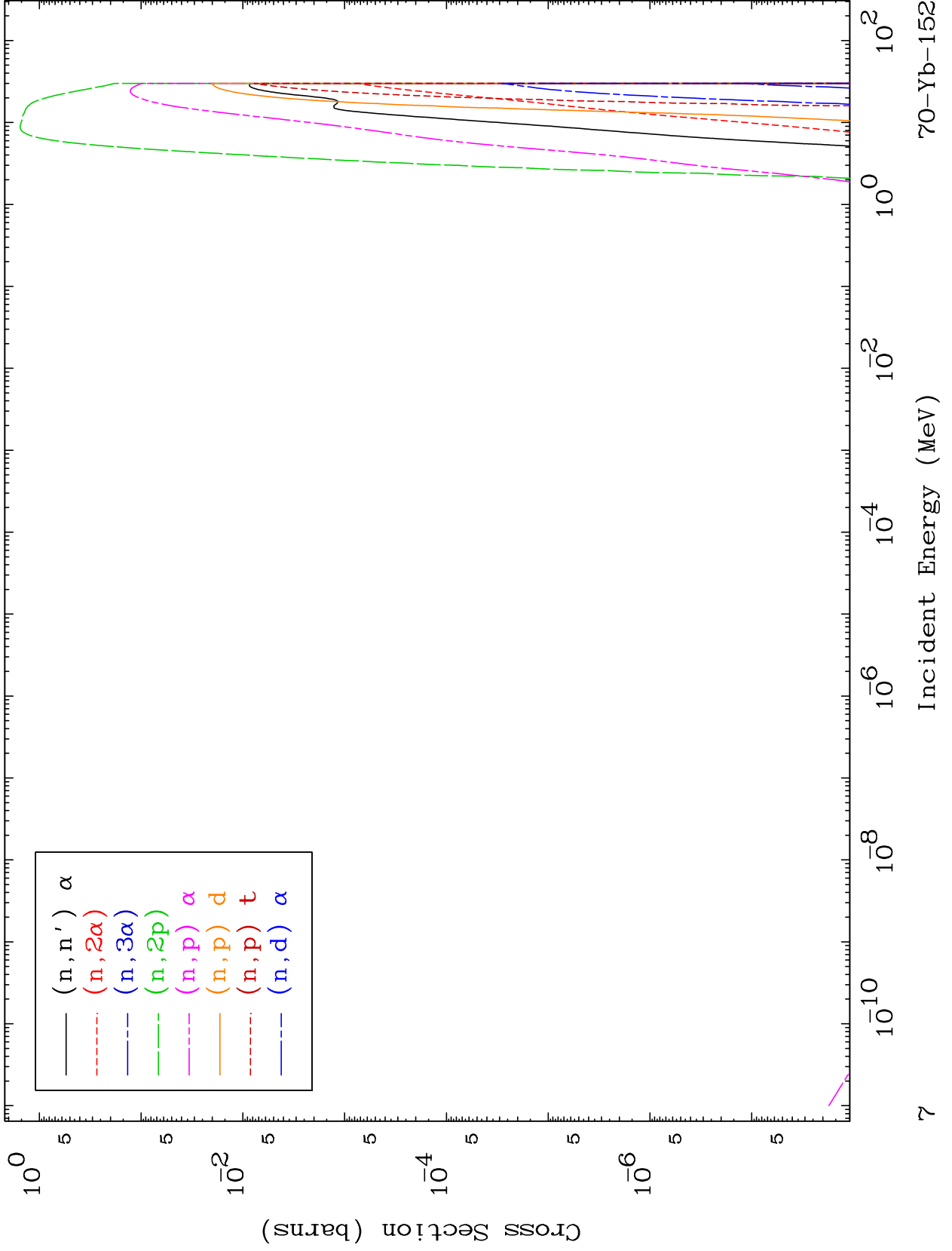
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MAT 6977

Charged Particle
293 Kelvin Cross Sections

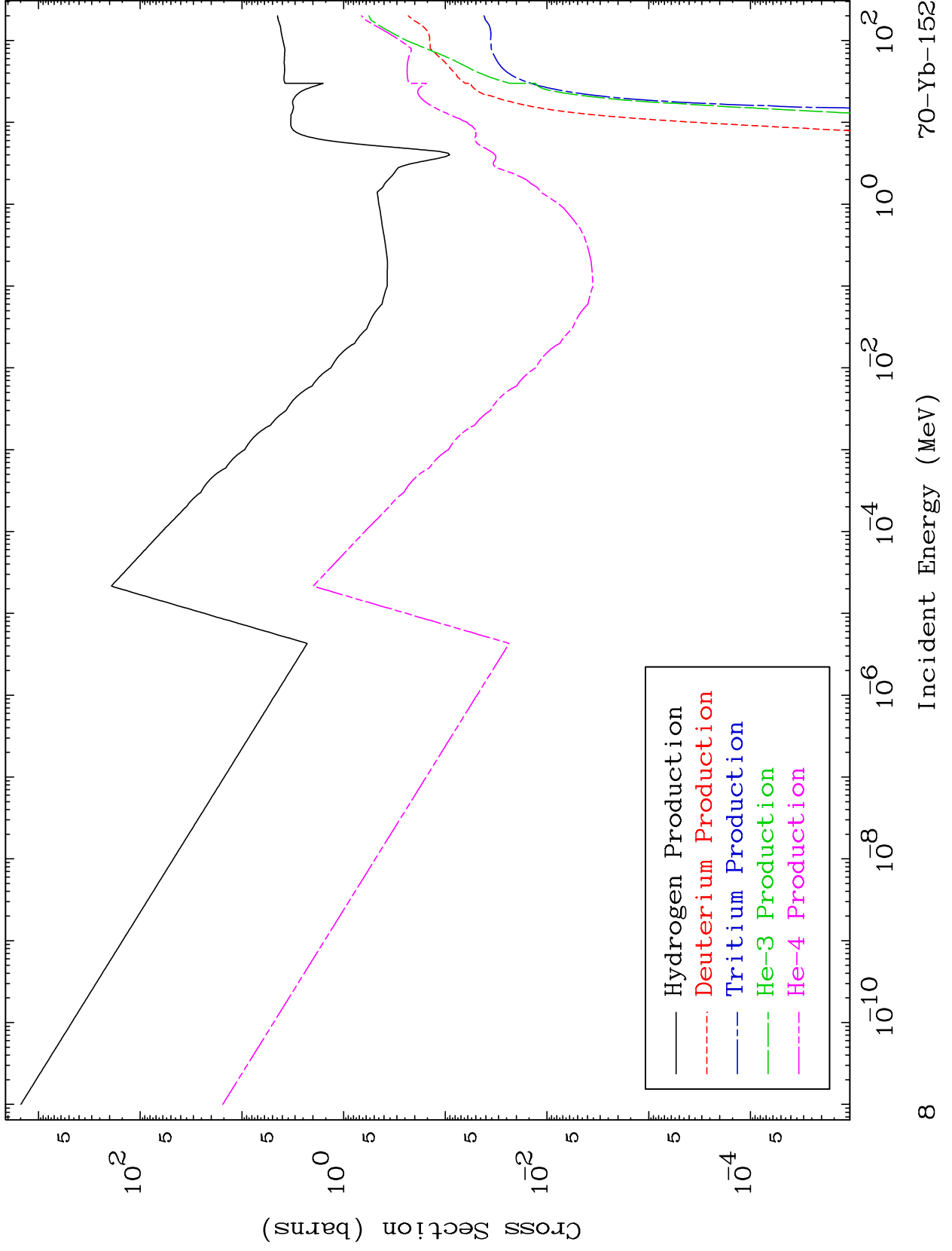
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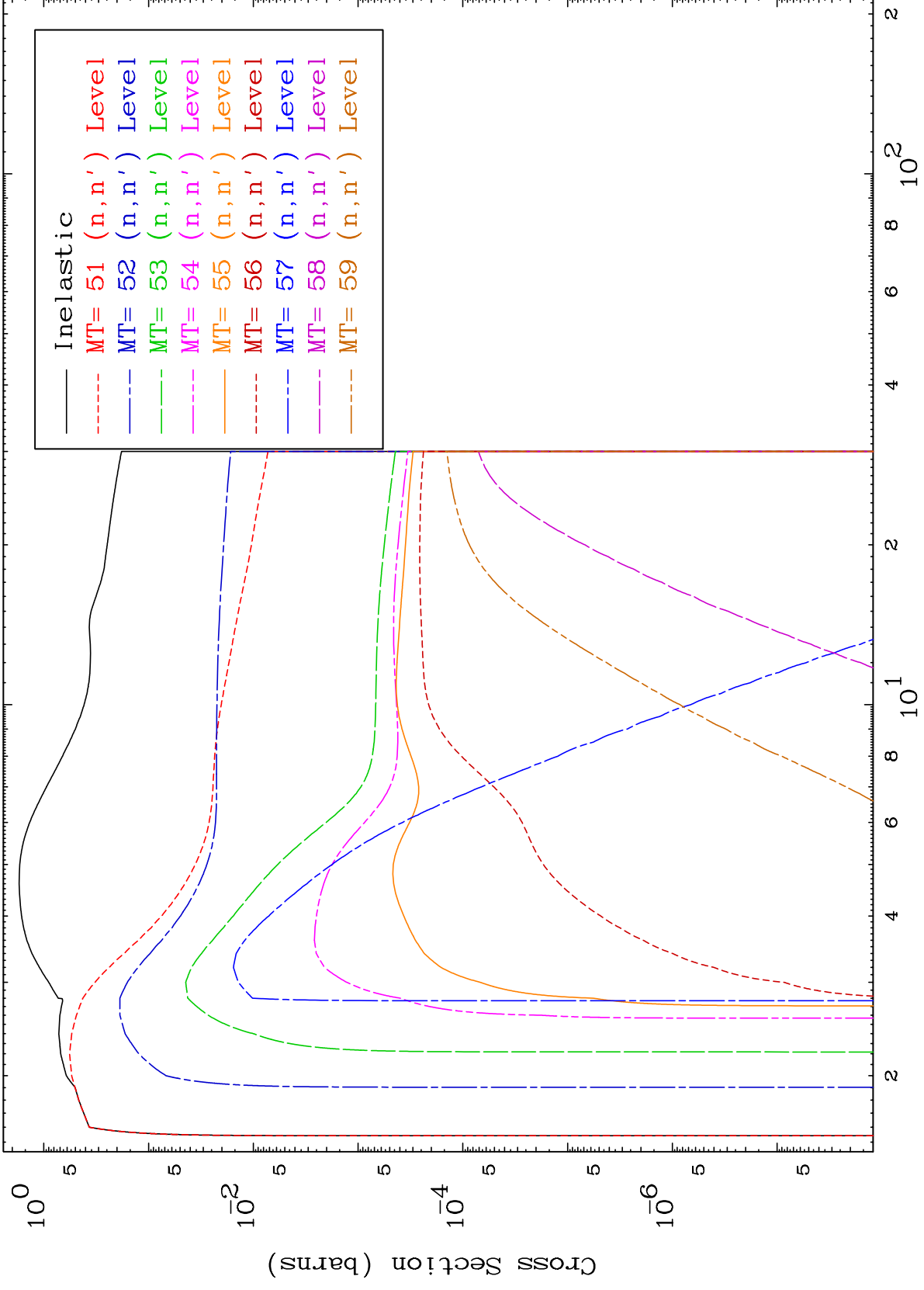


MAT 6977

Particle Production
293 Kelvin Cross Sections

70-Yb-152



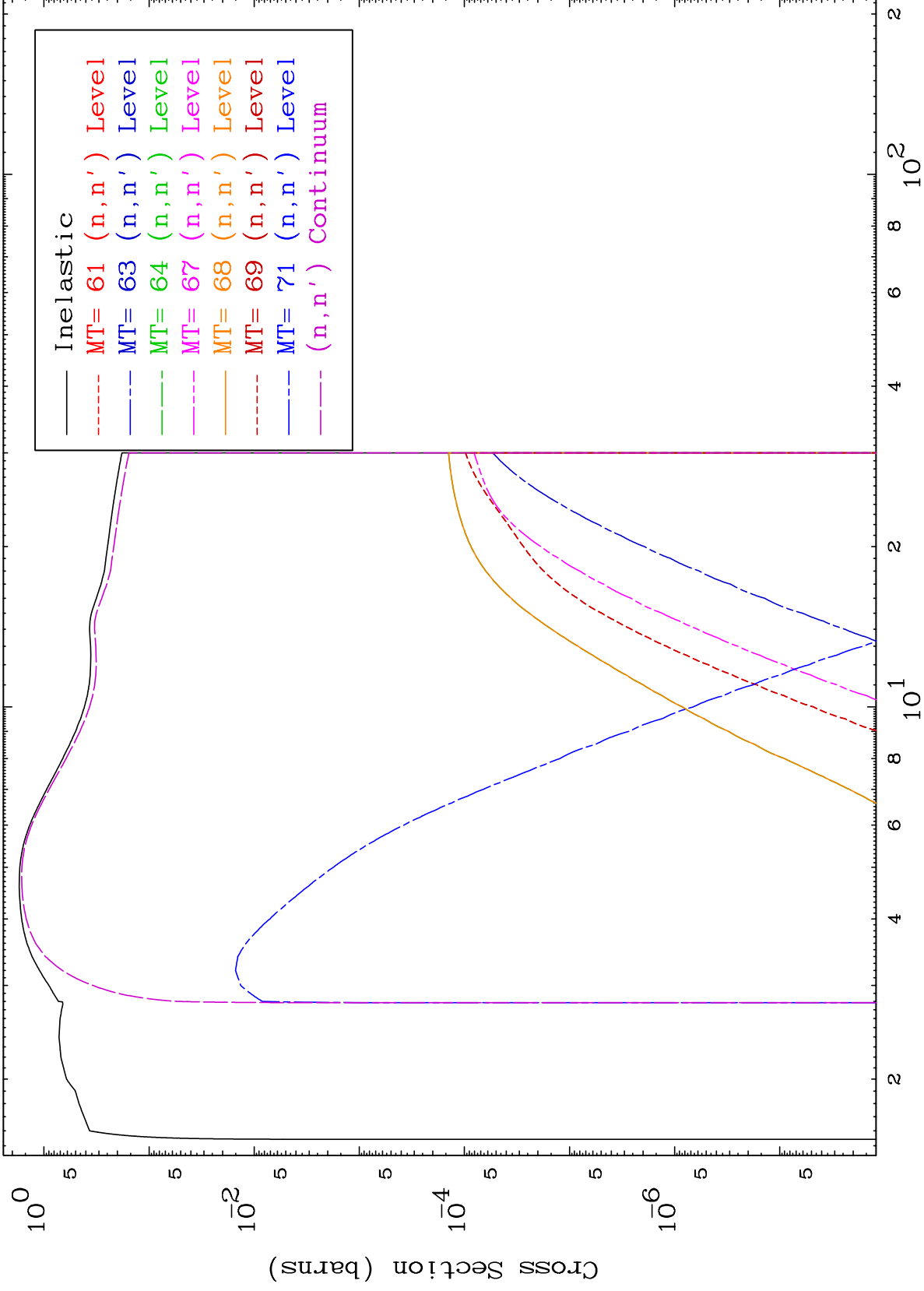


MAT 6977

(n,n') Levels

70-Yb-152

293 Kelvin Cross Sections



10

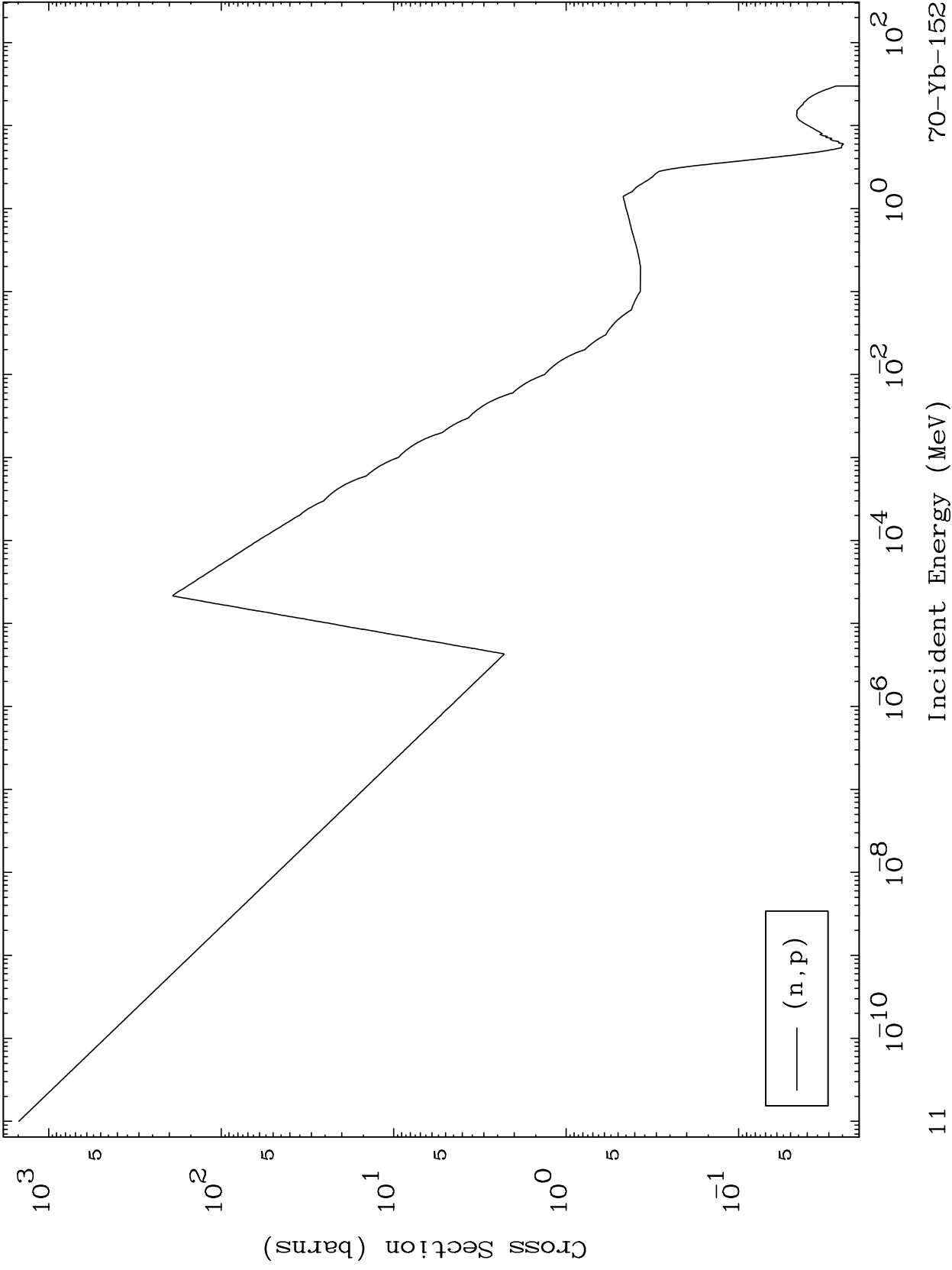
Incident Energy (MeV)

70-Yb-152

MAT 6977

(n,p) Levels
293 Kelvin Cross Sections

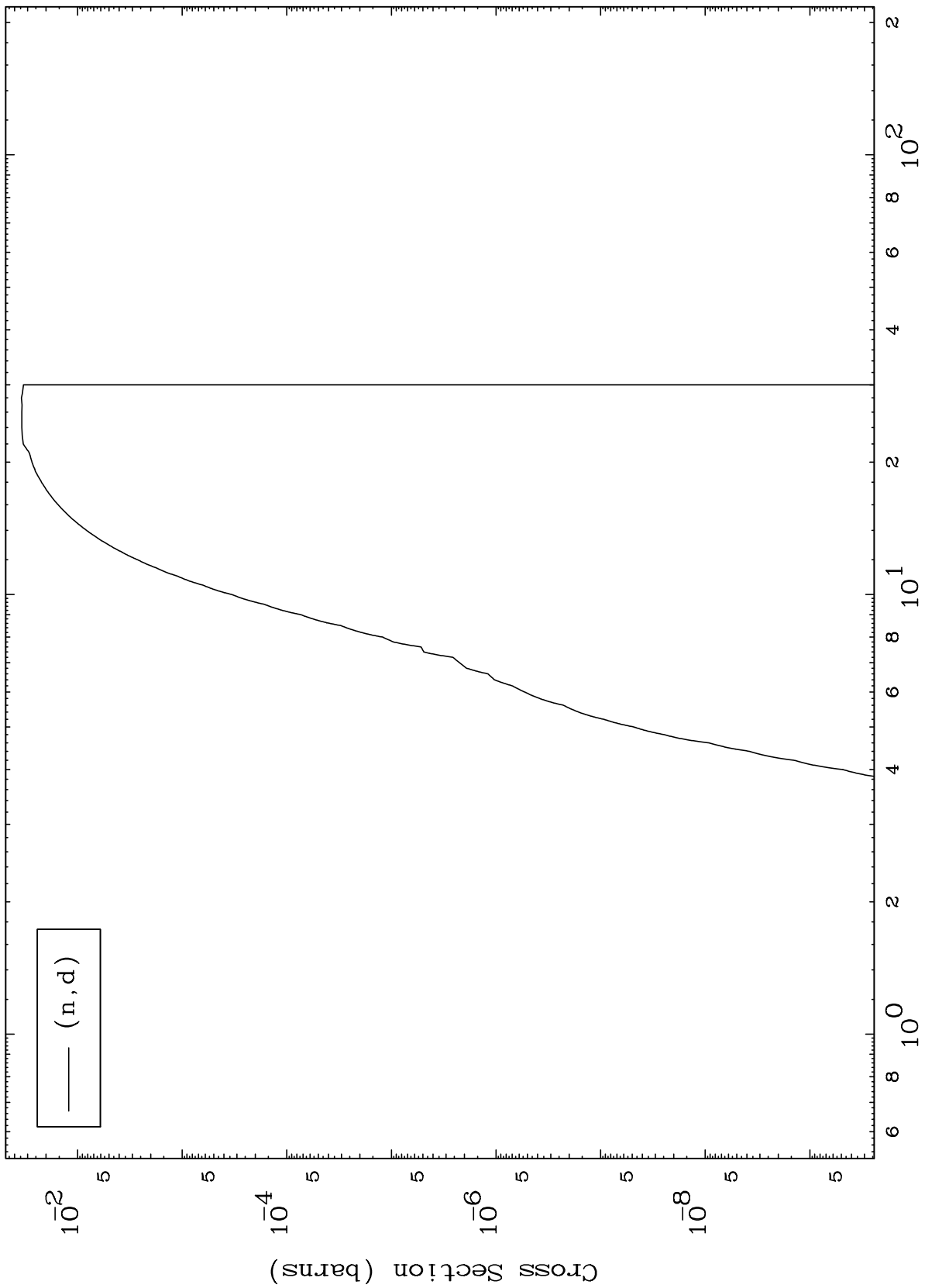
70-Yb-152



MAT 6977

(n,d) Levels
293 Kelvin Cross Sections

70-Yb-152



12

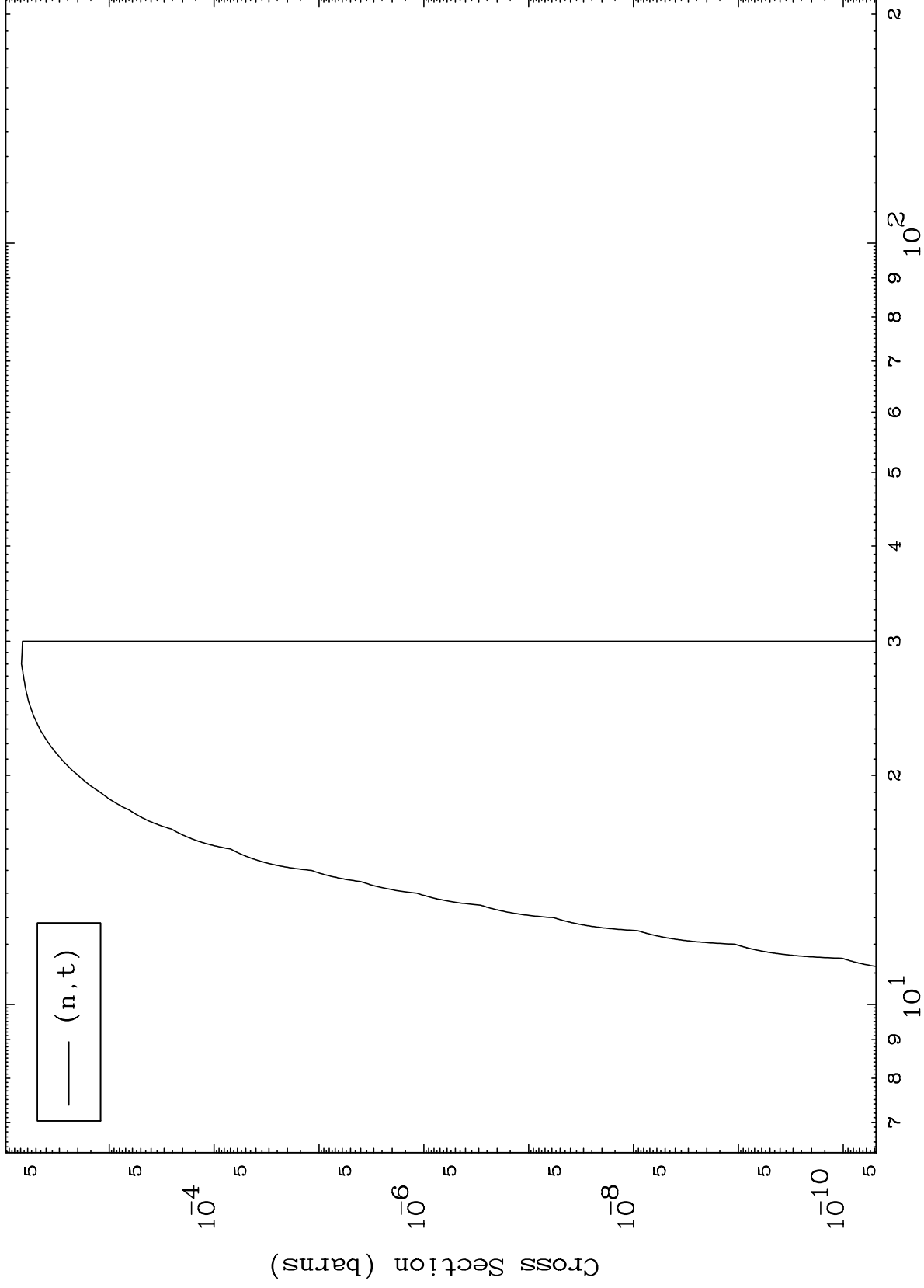
Incident Energy (MeV)

70-Yb-152

MAT 6977

(n,t) Levels
293 Kelvin Cross Sections

70-Yb-152



13

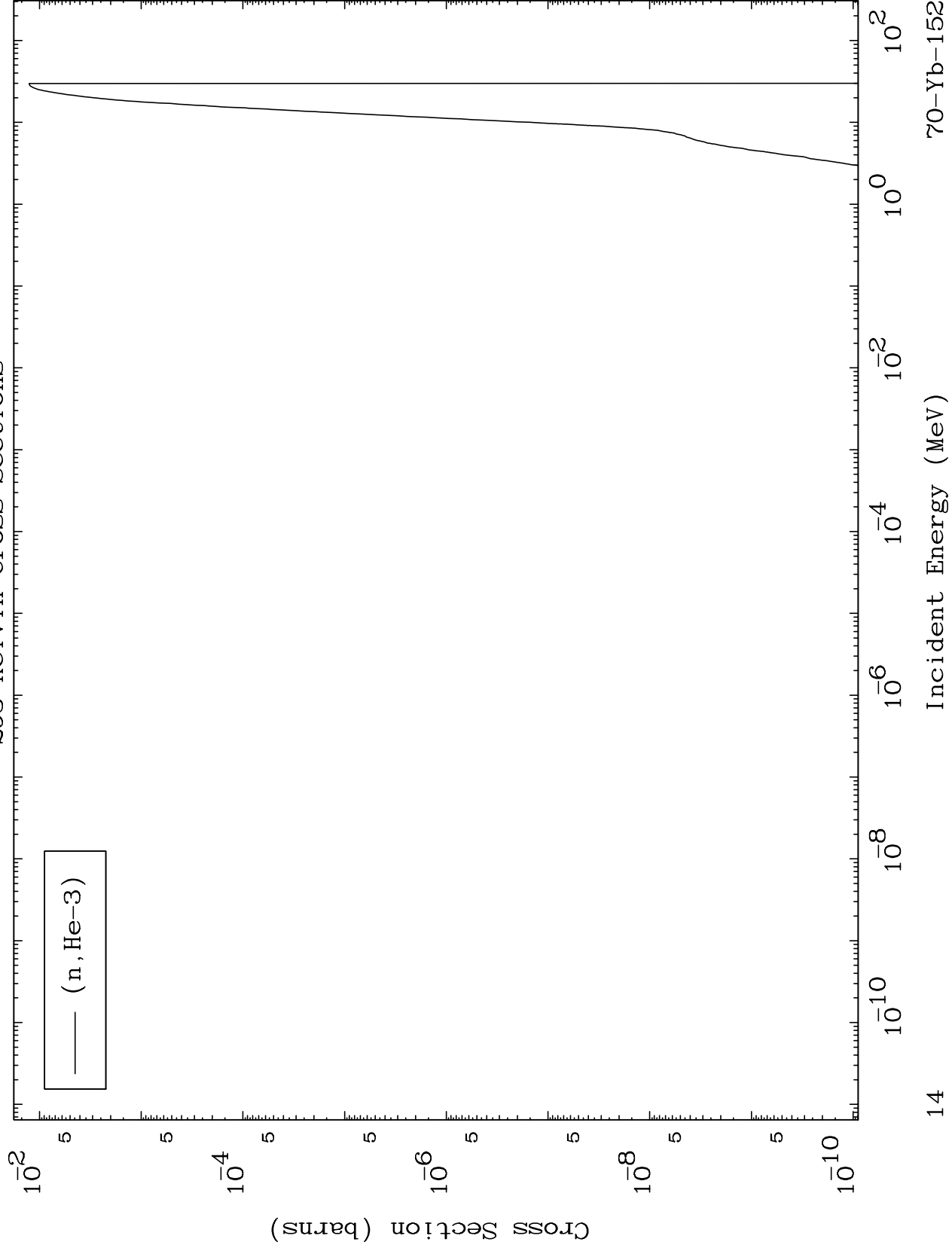
Incident Energy (MeV)

70-Yb-152

MAT 6977

(n,He3) Levels
293 Kelvin Cross Sections

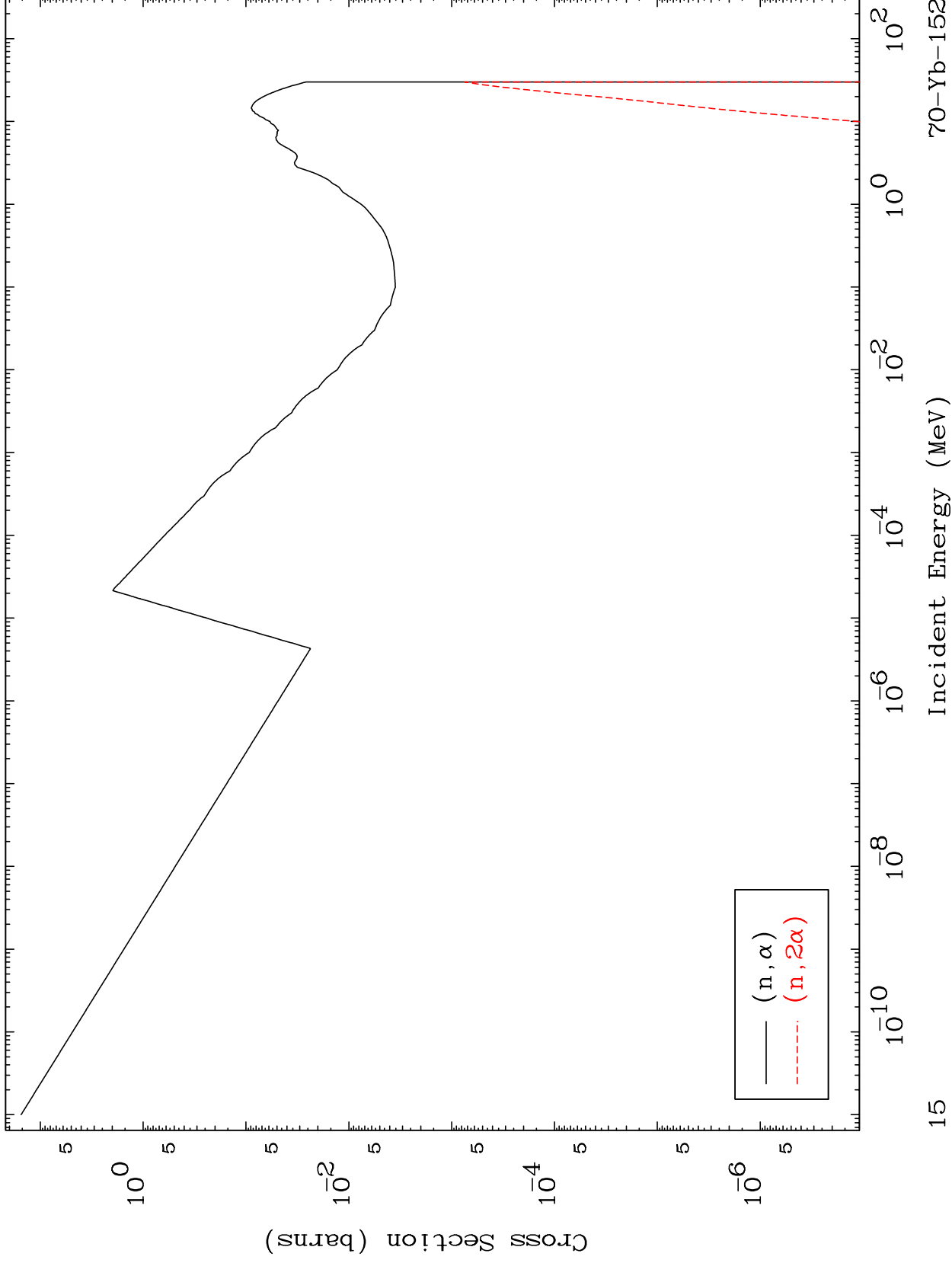
70-Yb-152



MAT 6977

(n,α) Levels
293 Kelvin Cross Sections

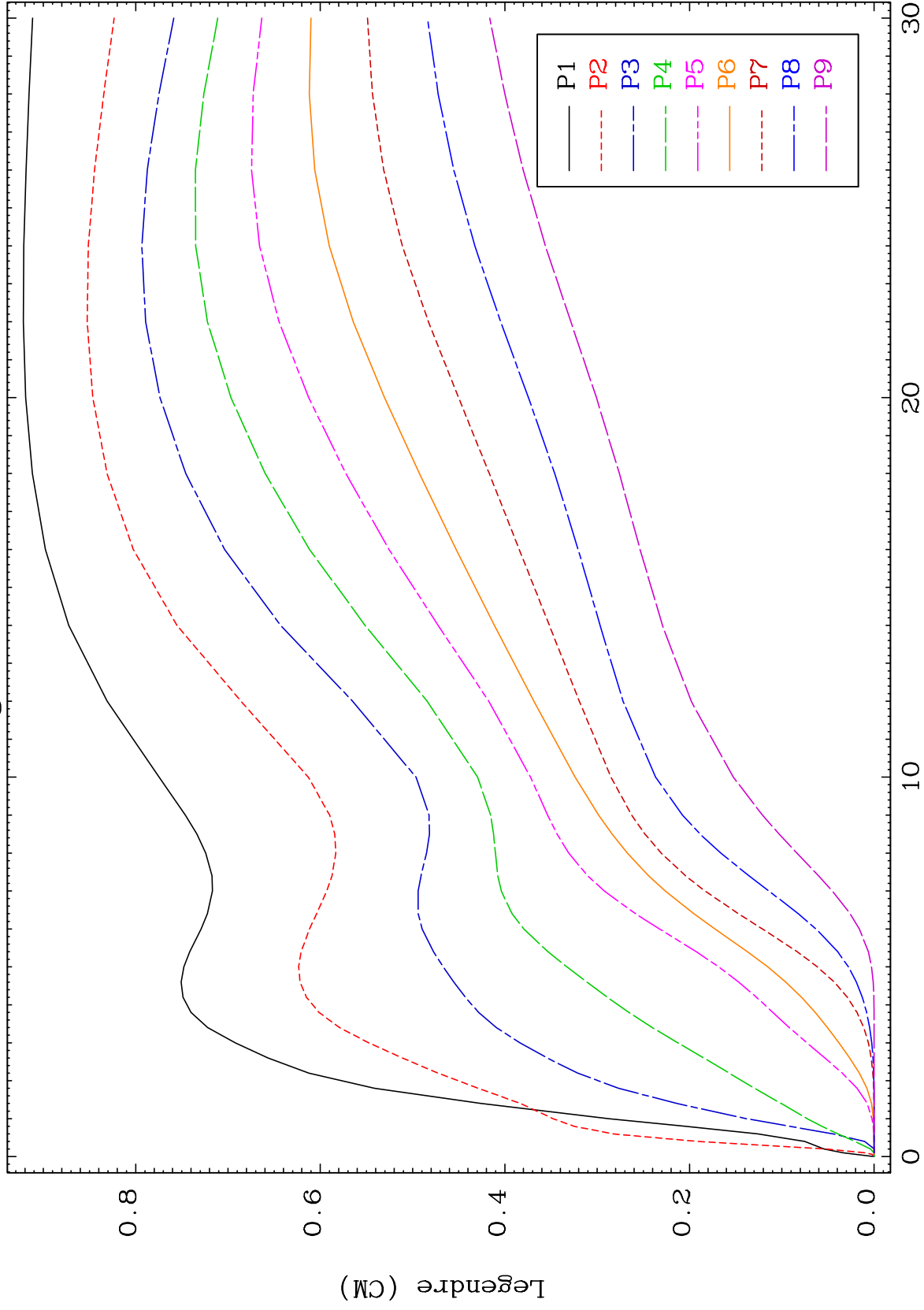
70-Yb-152



MAT 6977

Elastic Legendre Coefficients

70-Yb-152



16

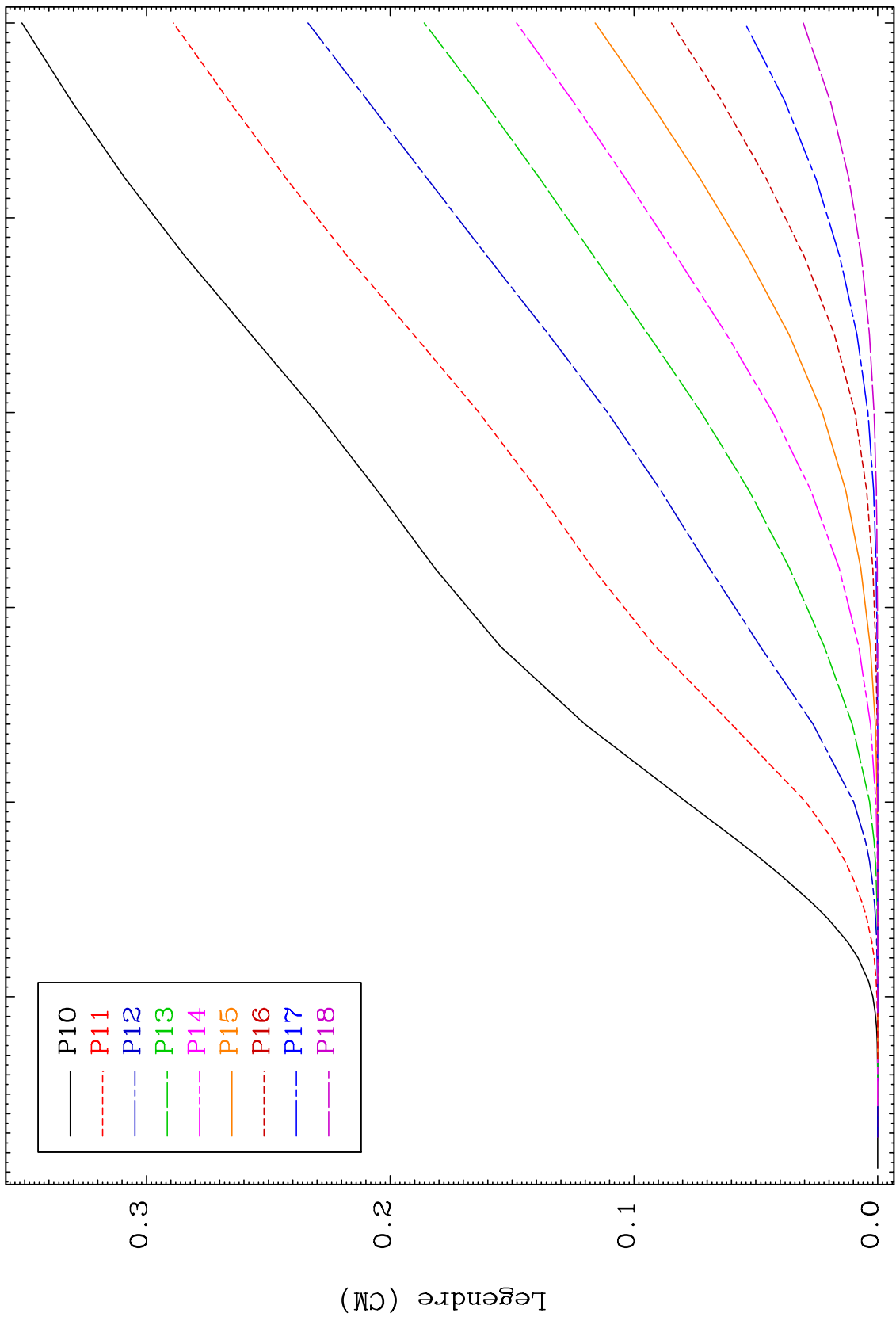
Incident Energy (MeV)

70-Yb-152

MAT 6977

Elastic Legendre Coefficients

70-Yb-152



17

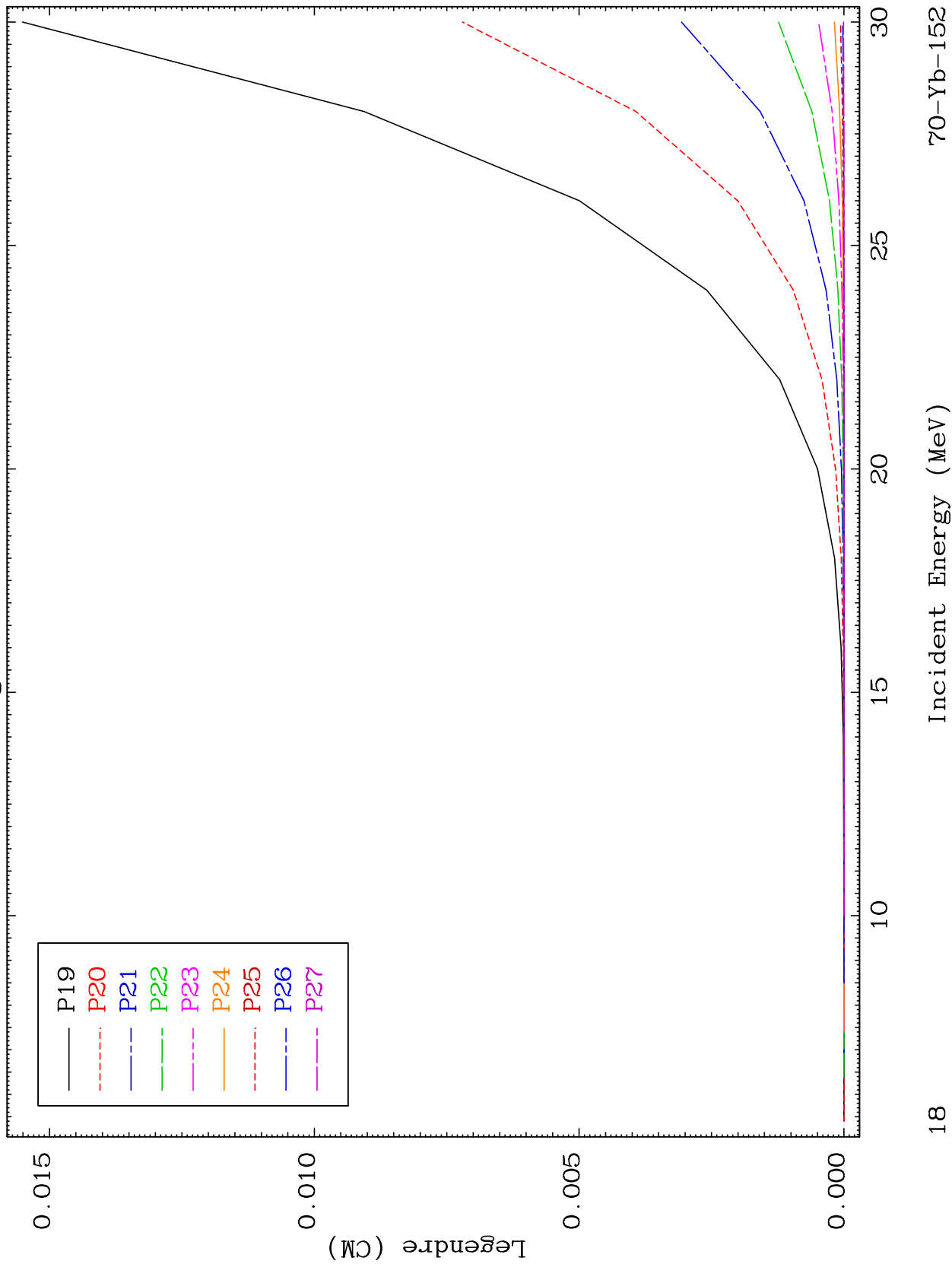
Incident Energy (MeV)

70-Yb-152

MAT 6977

Elastic Legendre Coefficients

70-Yb-152



18

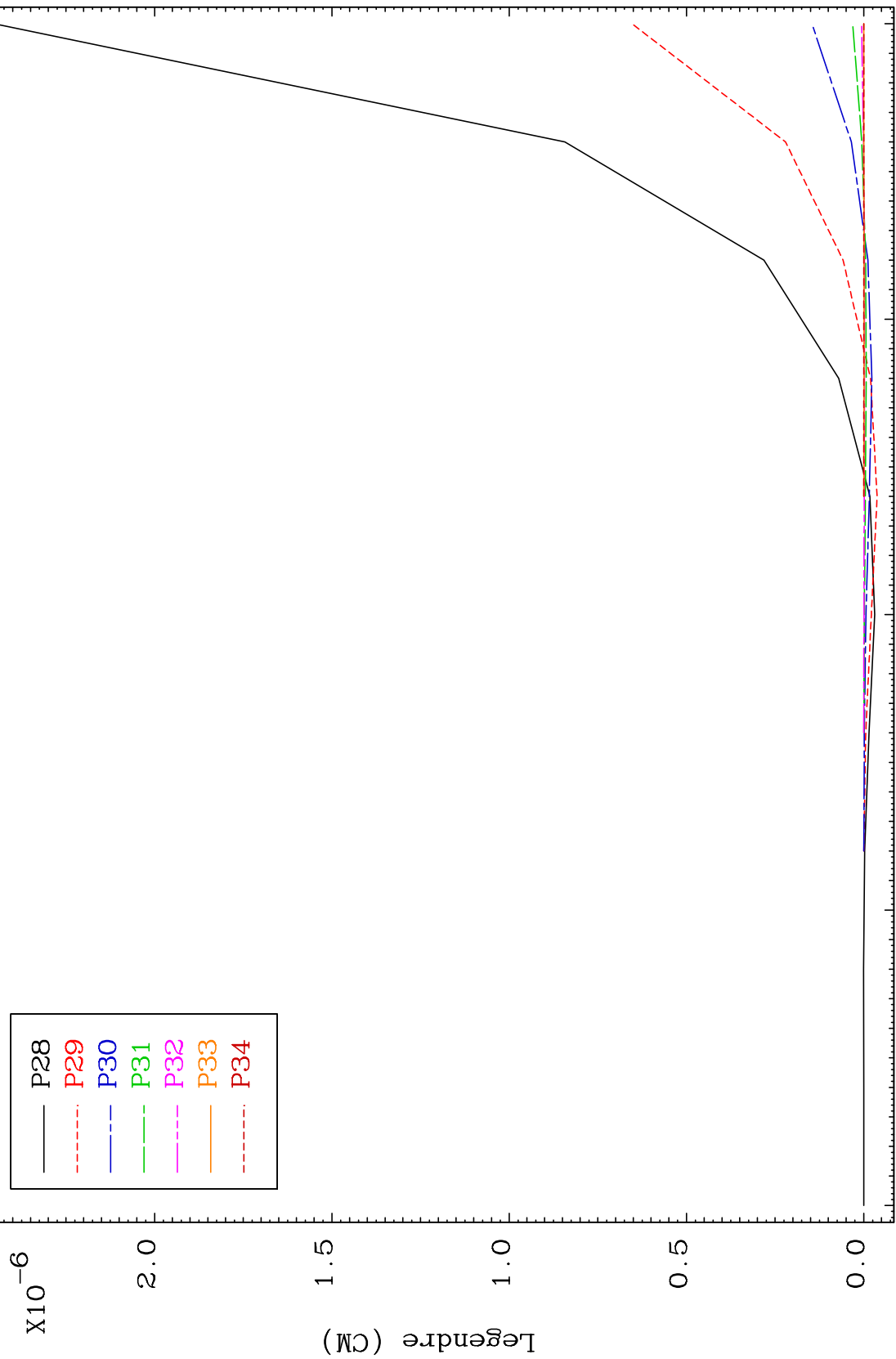
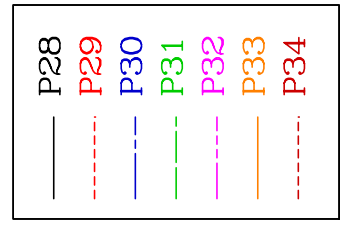
Incident Energy (MeV)

70-Yb-152

MAT 6977

Elastic Legendre Coefficients

70-Yb-152



19

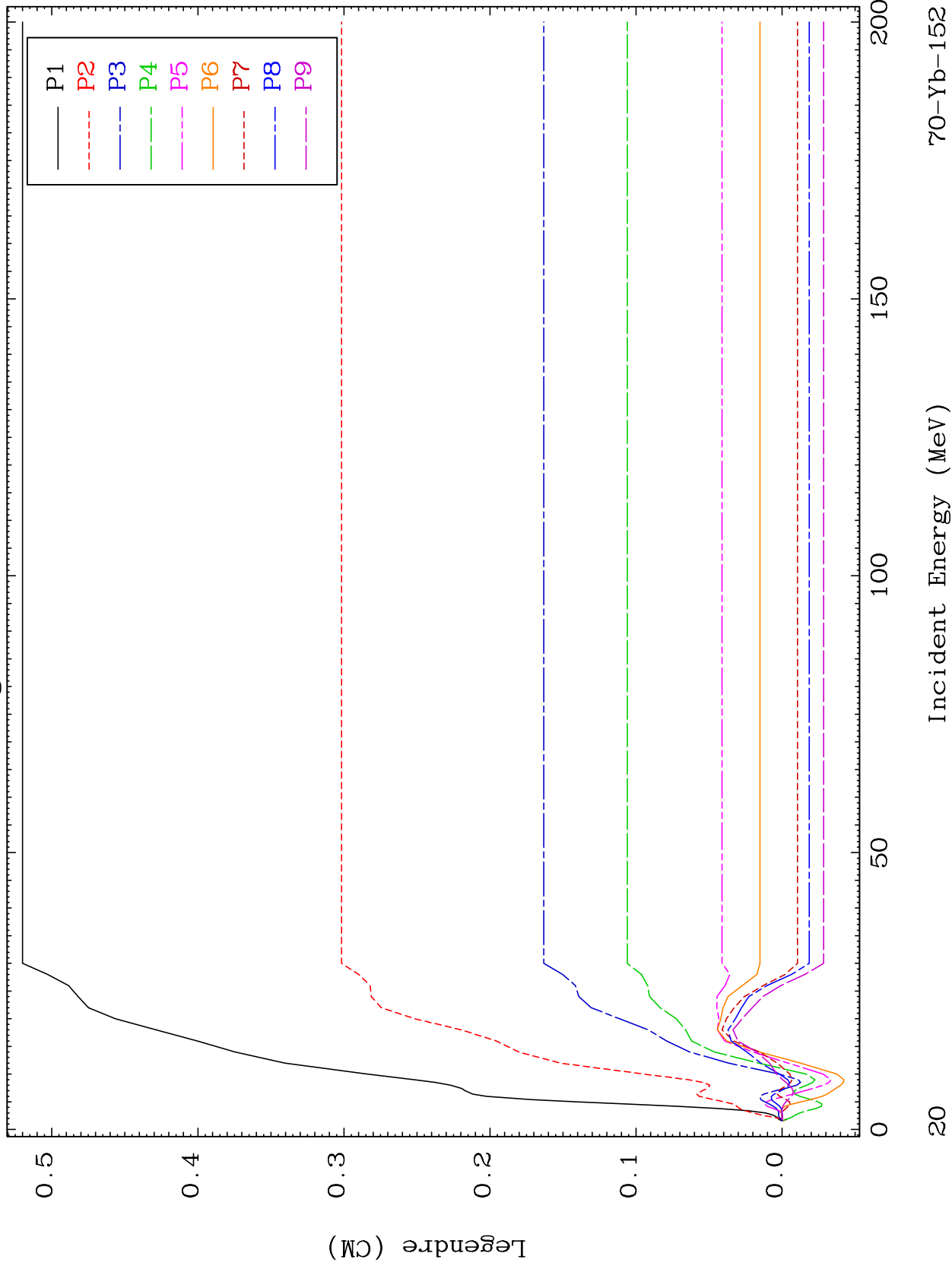
Incident Energy (MeV)

70-Yb-152

MAT 6977

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

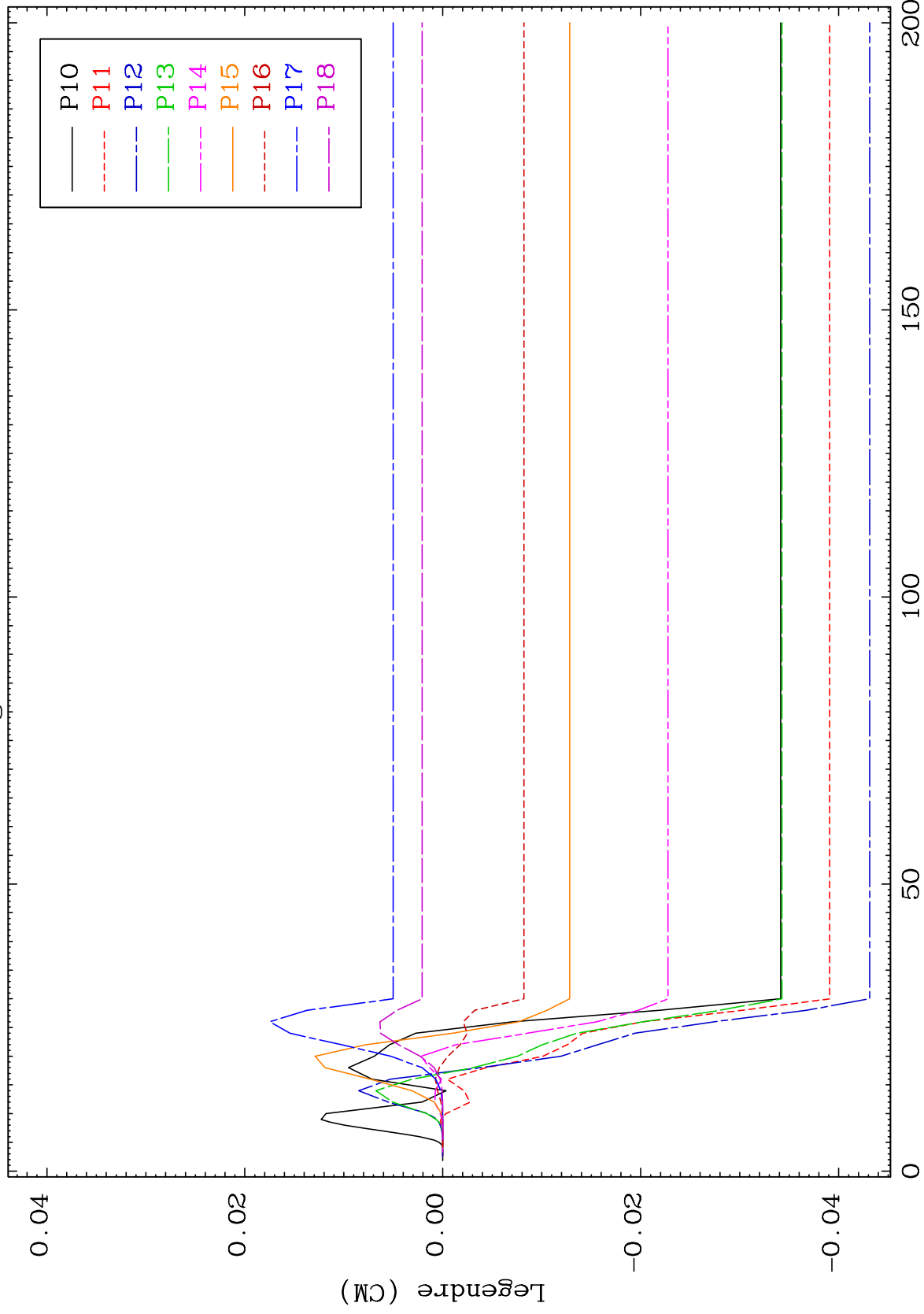
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MAT 6977

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

70-Yb-152



21

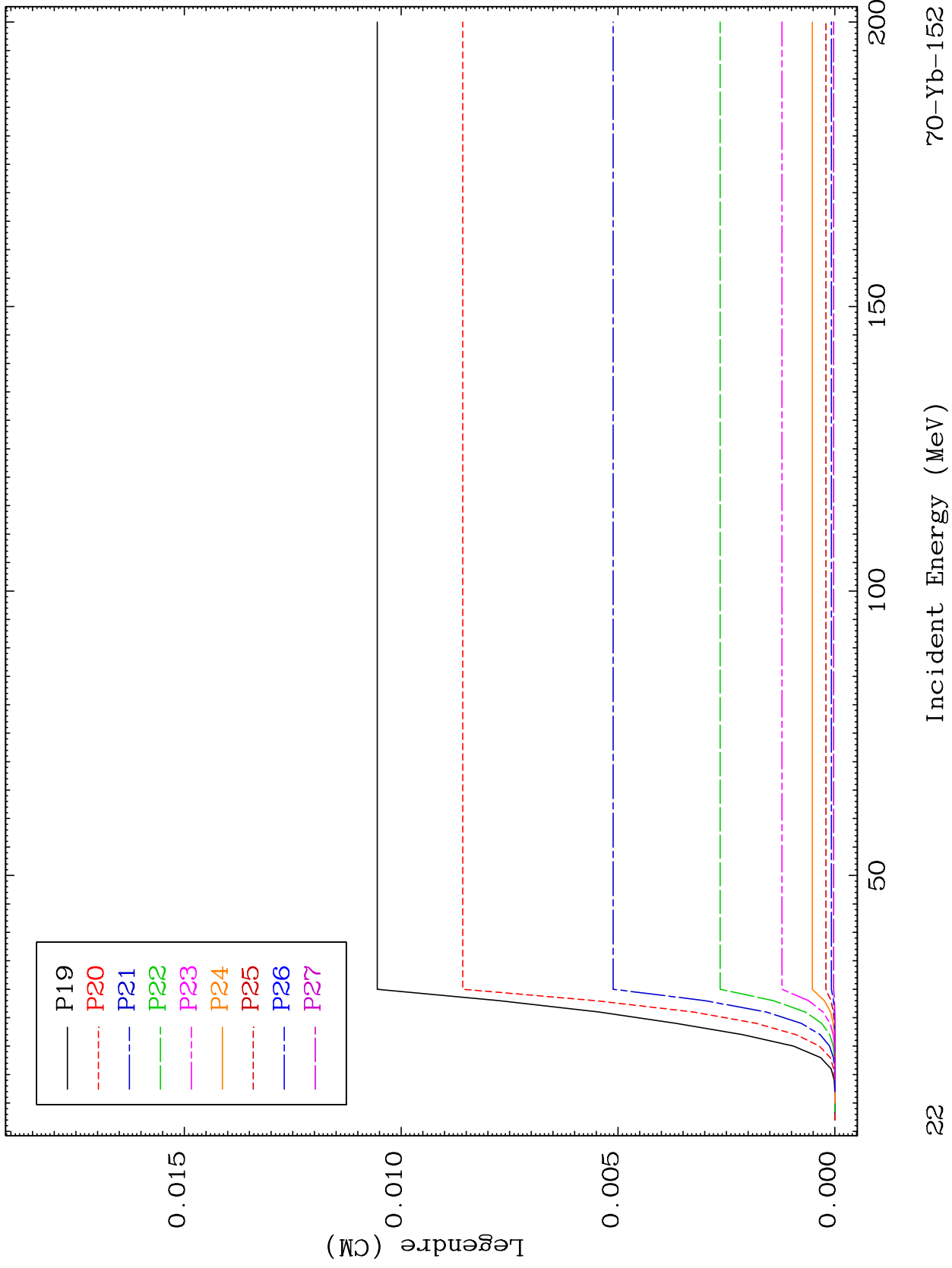
Incident Energy (MeV)

70-Yb-152

MAT 6977

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

70-Yb-152



22

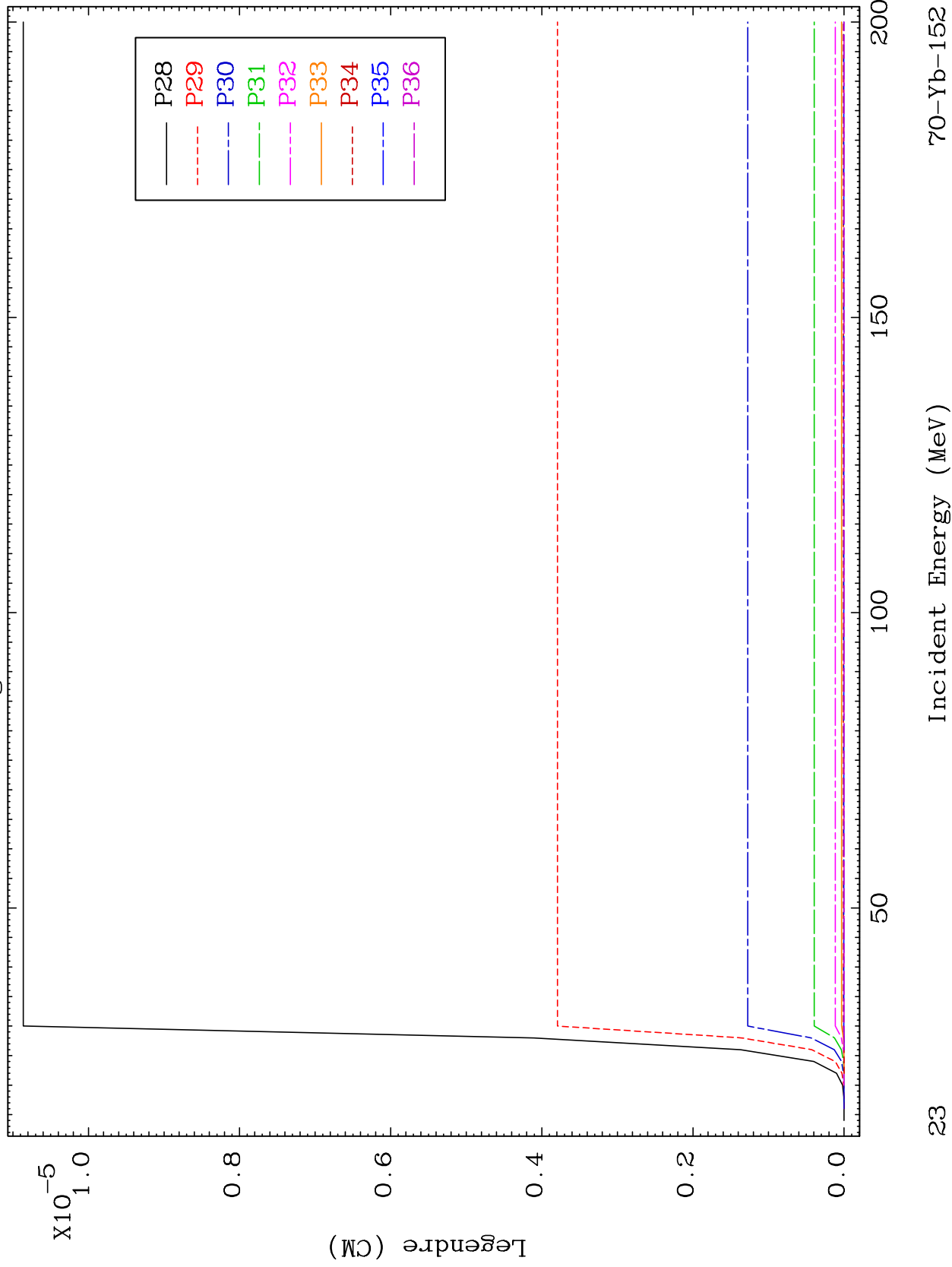
Incident Energy (MeV)

70-Yb-152

MAT 6977

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

70-Yb-152



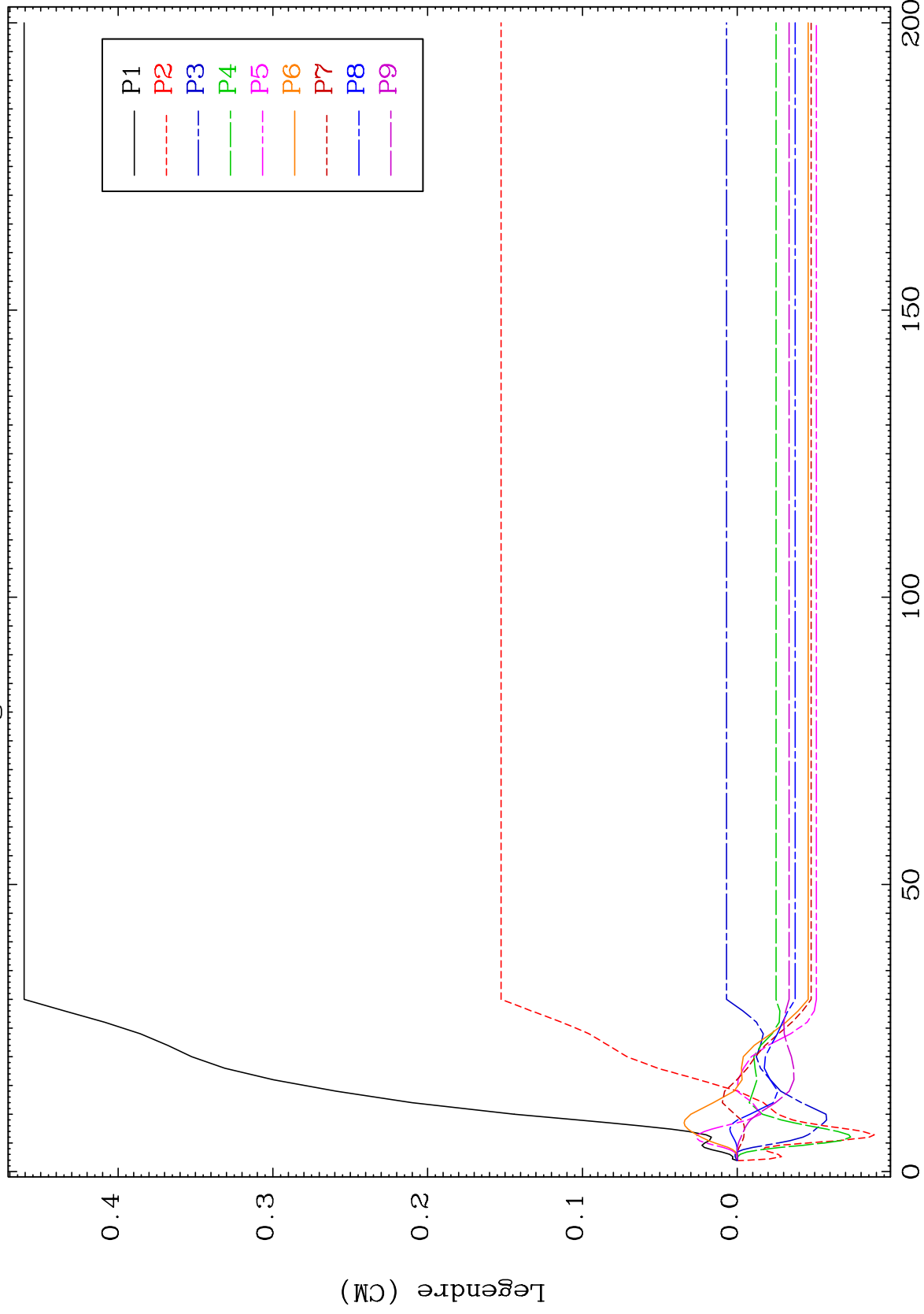
23

70-Yb-152

MAT 69777

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

70-Yb-152



24

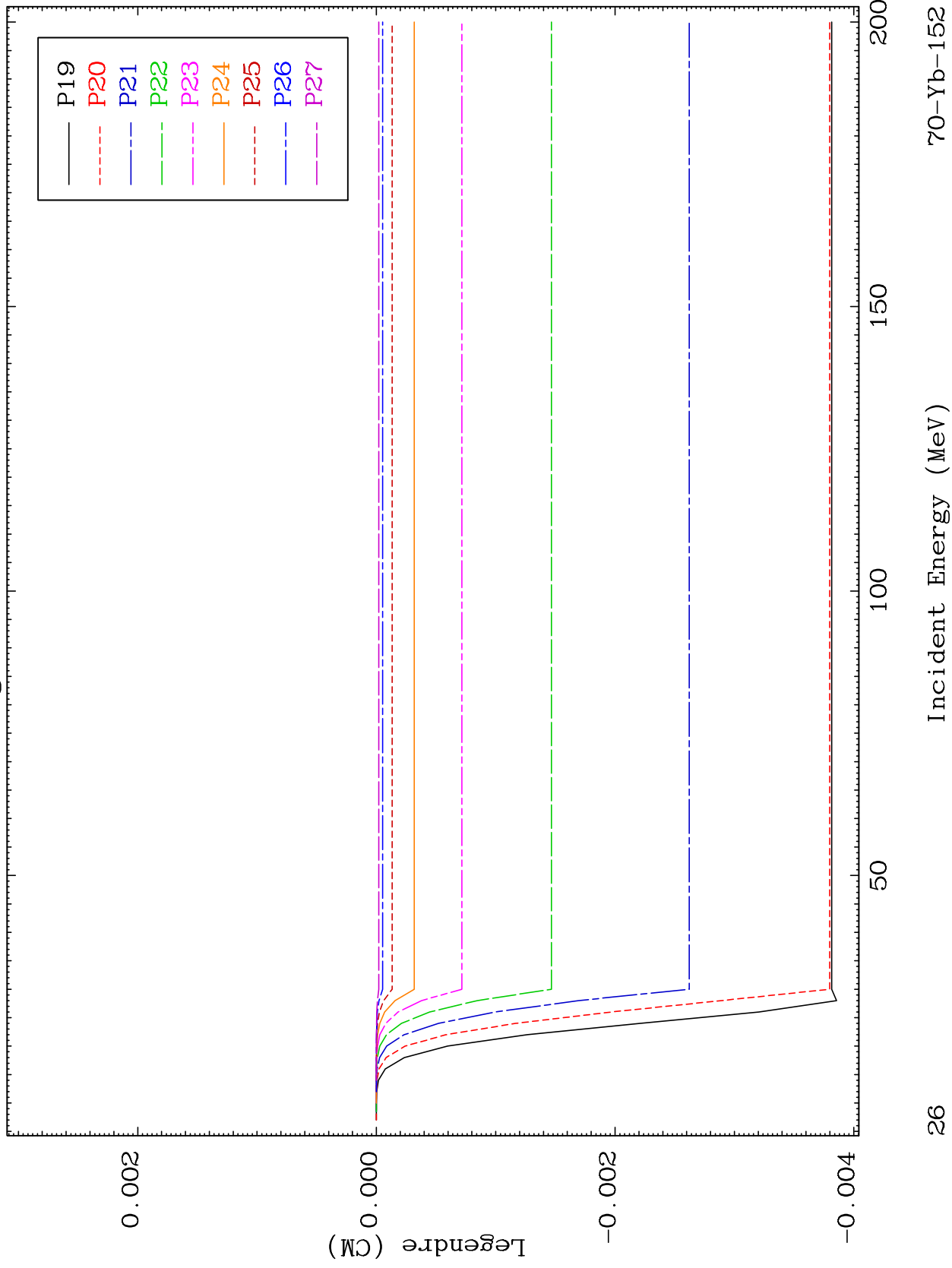
Incident Energy (MeV)

70-Yb-152

MAT 6977

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

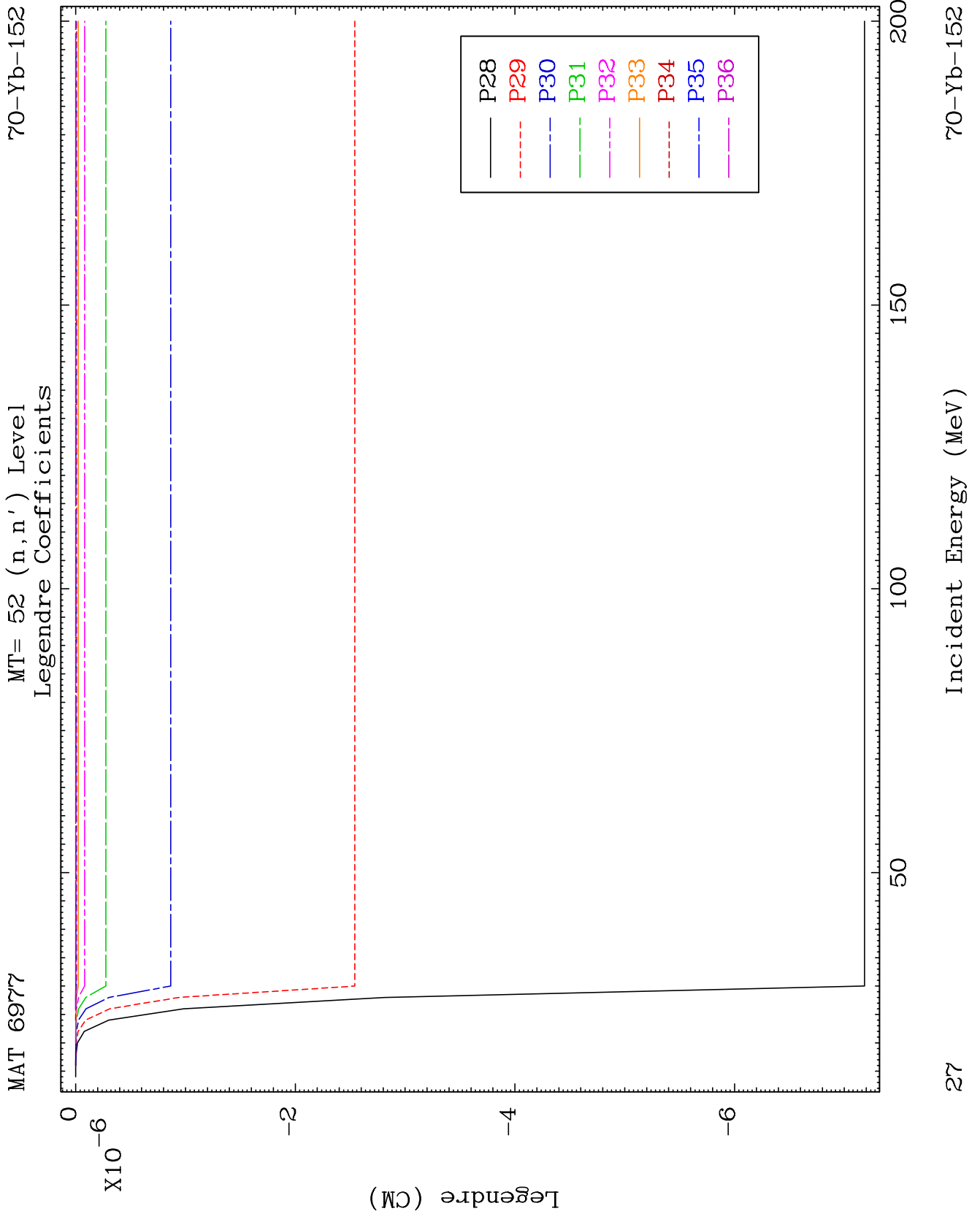
70-Yb-152



26

Incident Energy (MeV)

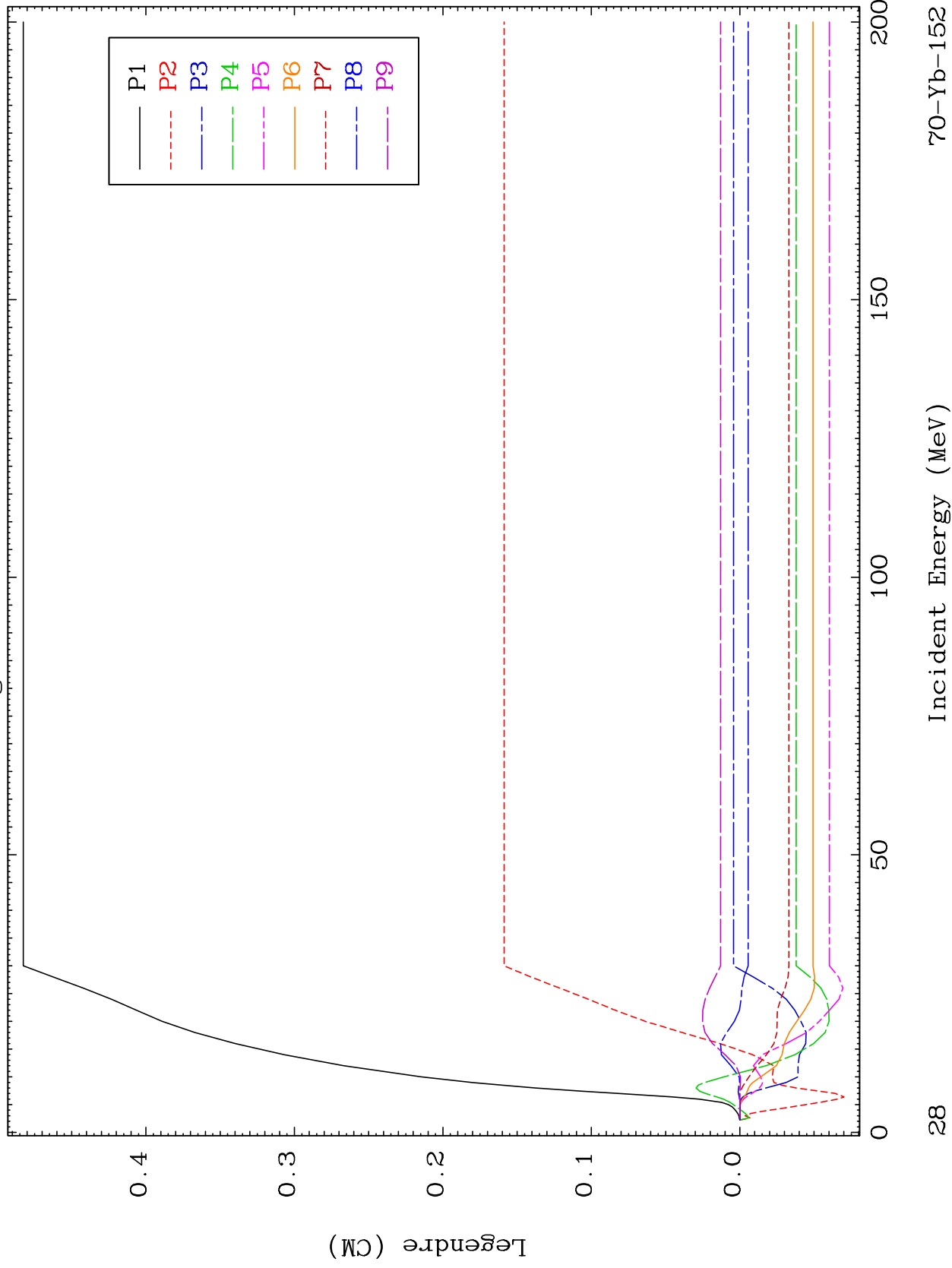
70-Yb-152



MAT 6977

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

70-Yb-152



70-Yb-152

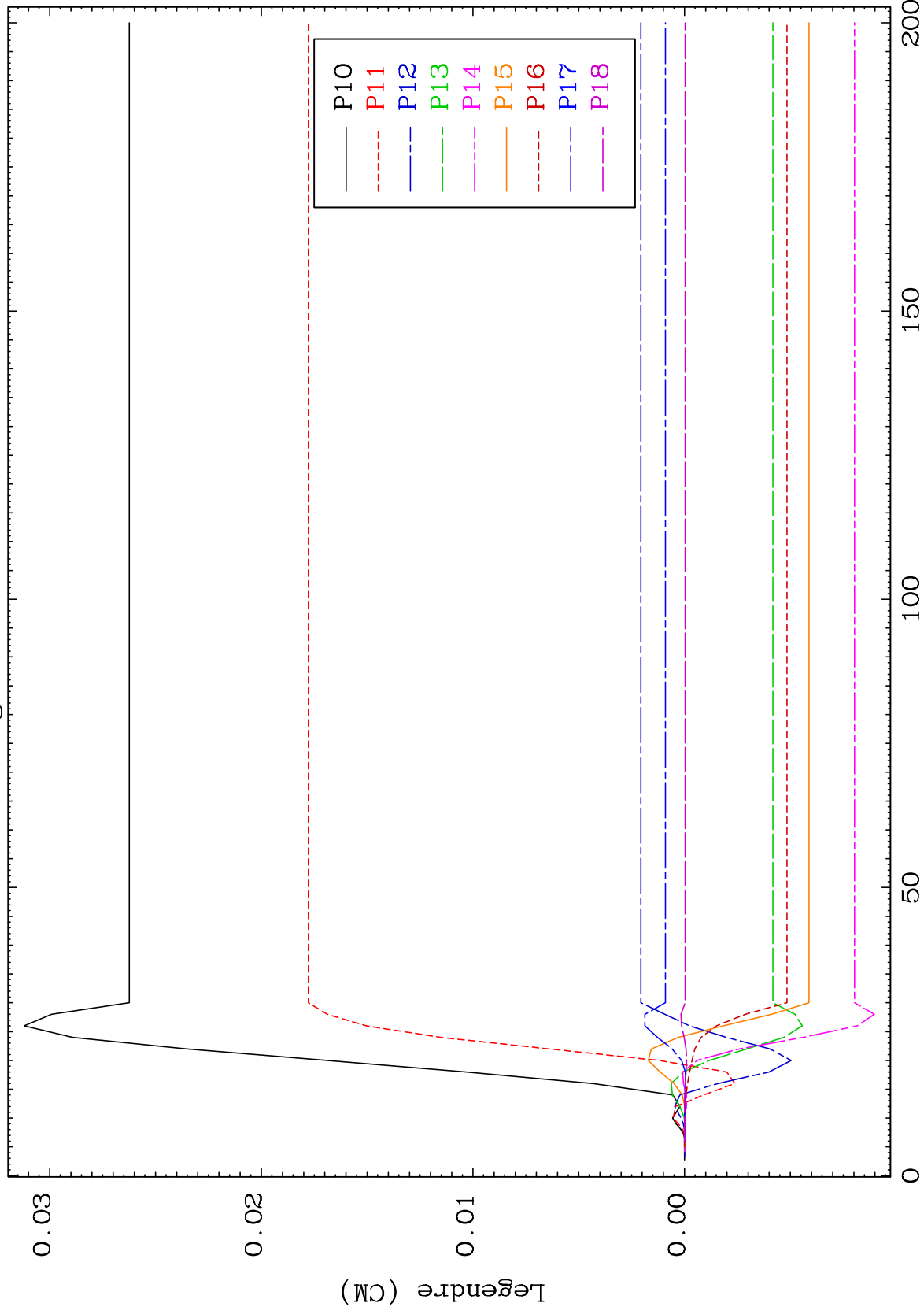
Incident Energy (MeV)

28

MAT 6977

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

70-Yb-152



29

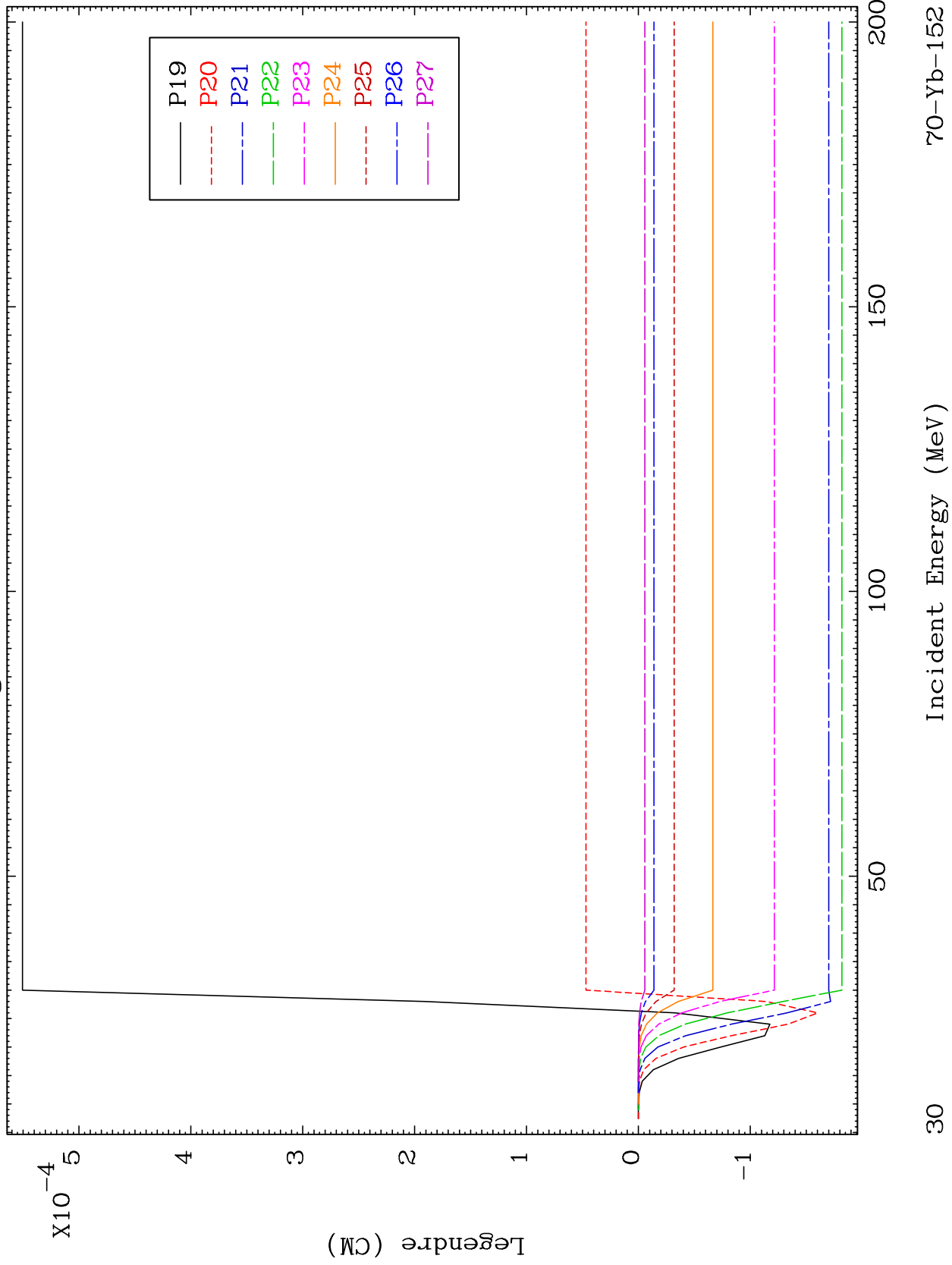
Incident Energy (MeV)

70-Yb-152

MAT 6977

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

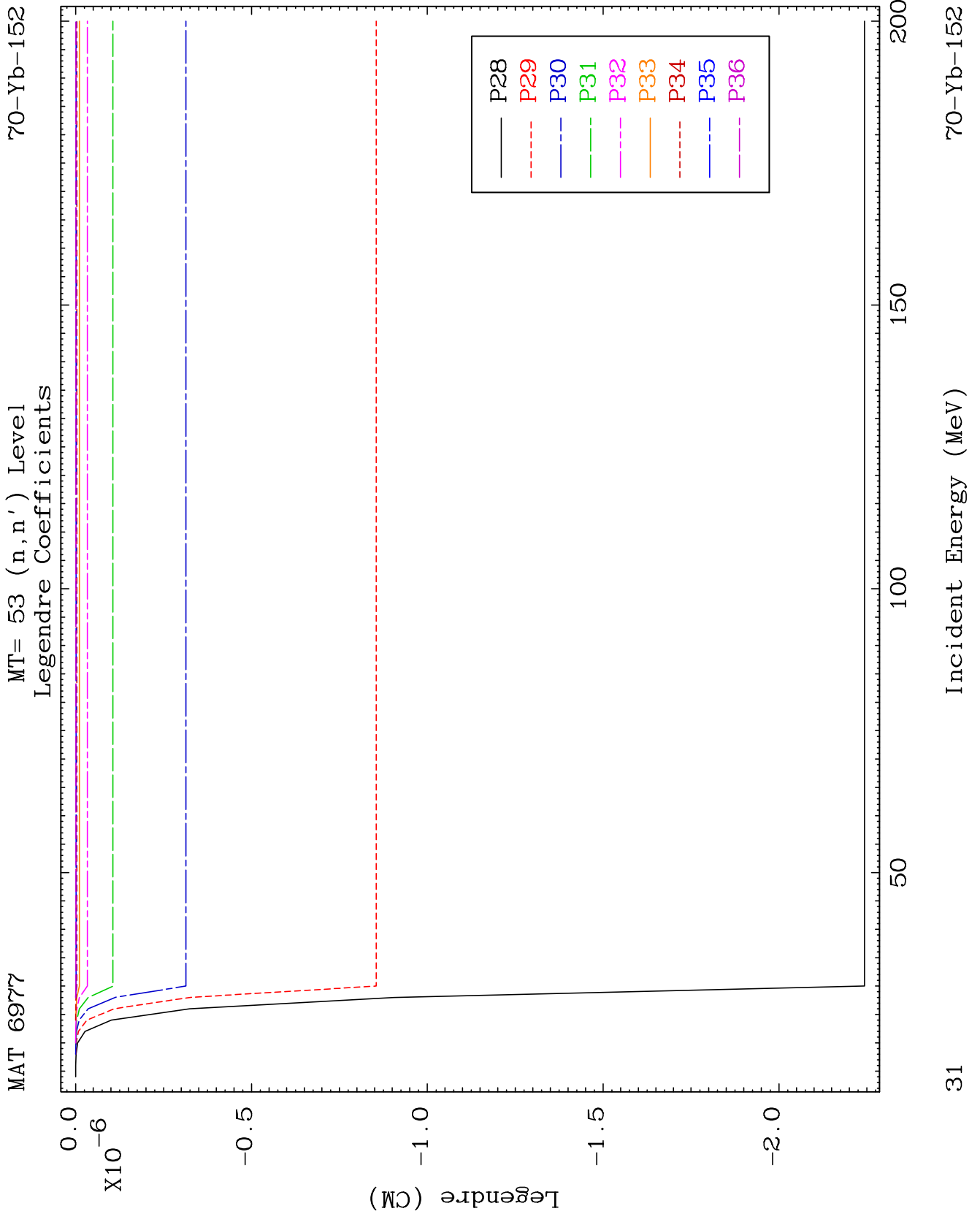
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30

Incident Energy (MeV)

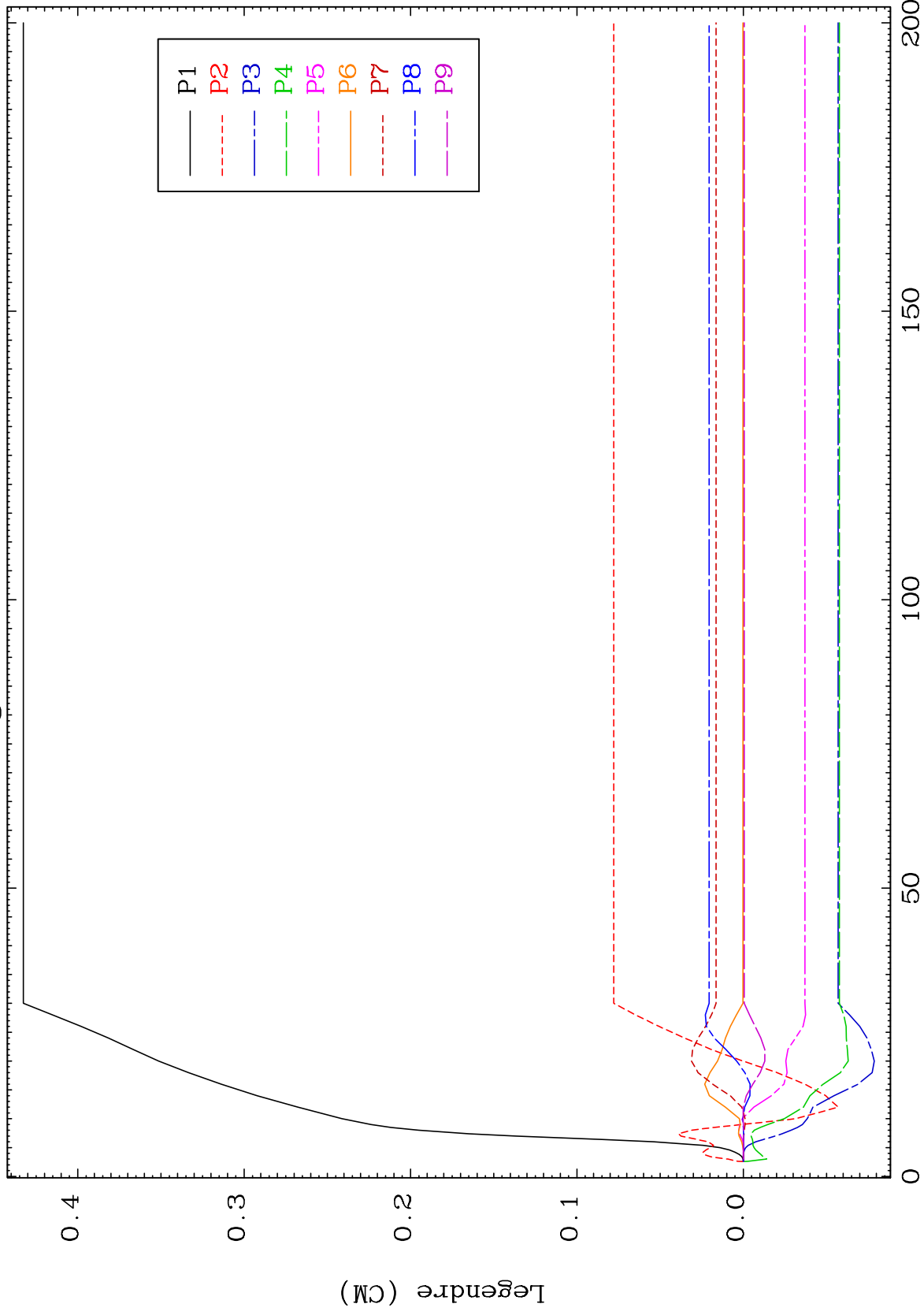
70-Yb-152



MAT 6977

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

70-Yb-152



32

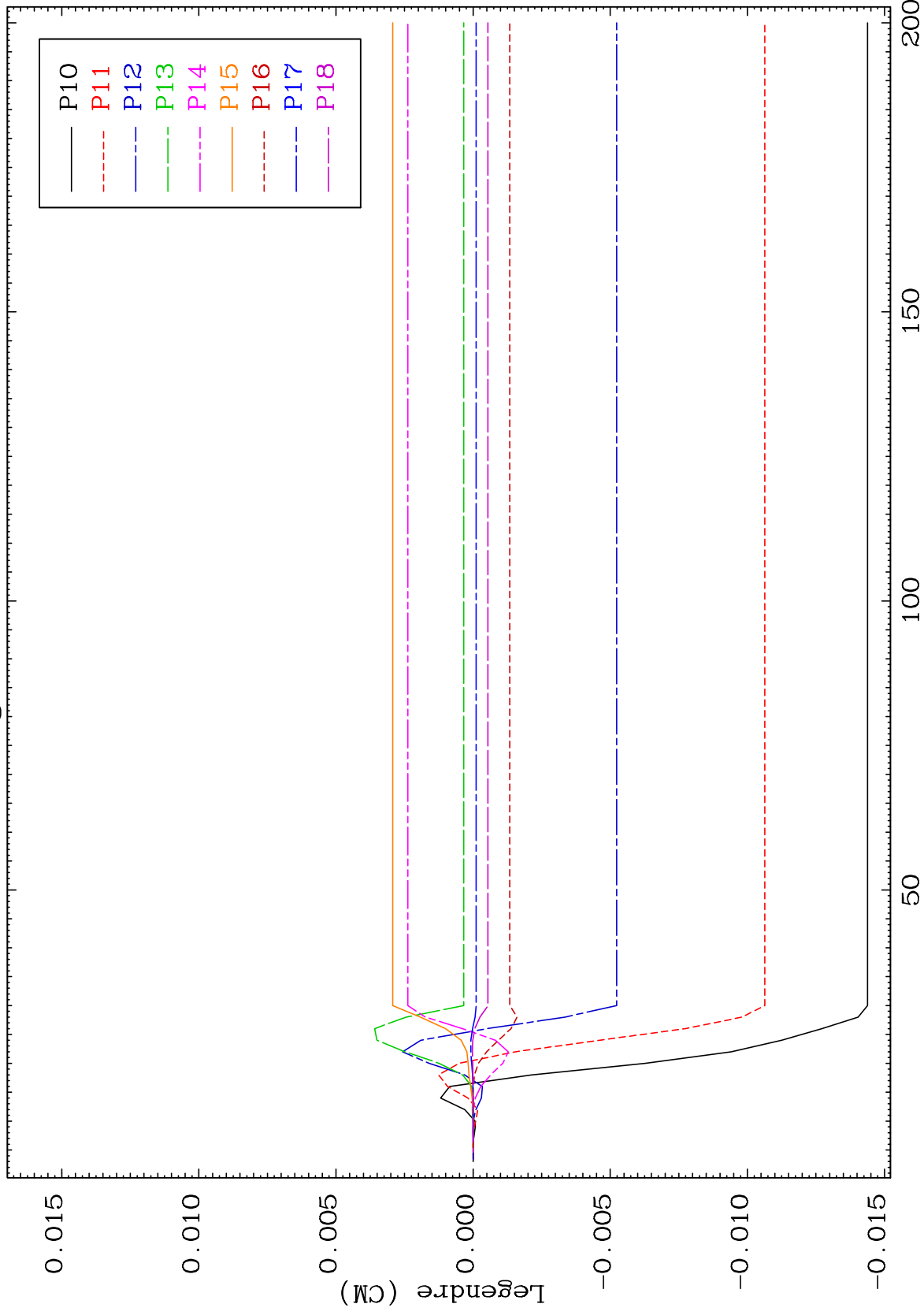
Incident Energy (MeV)

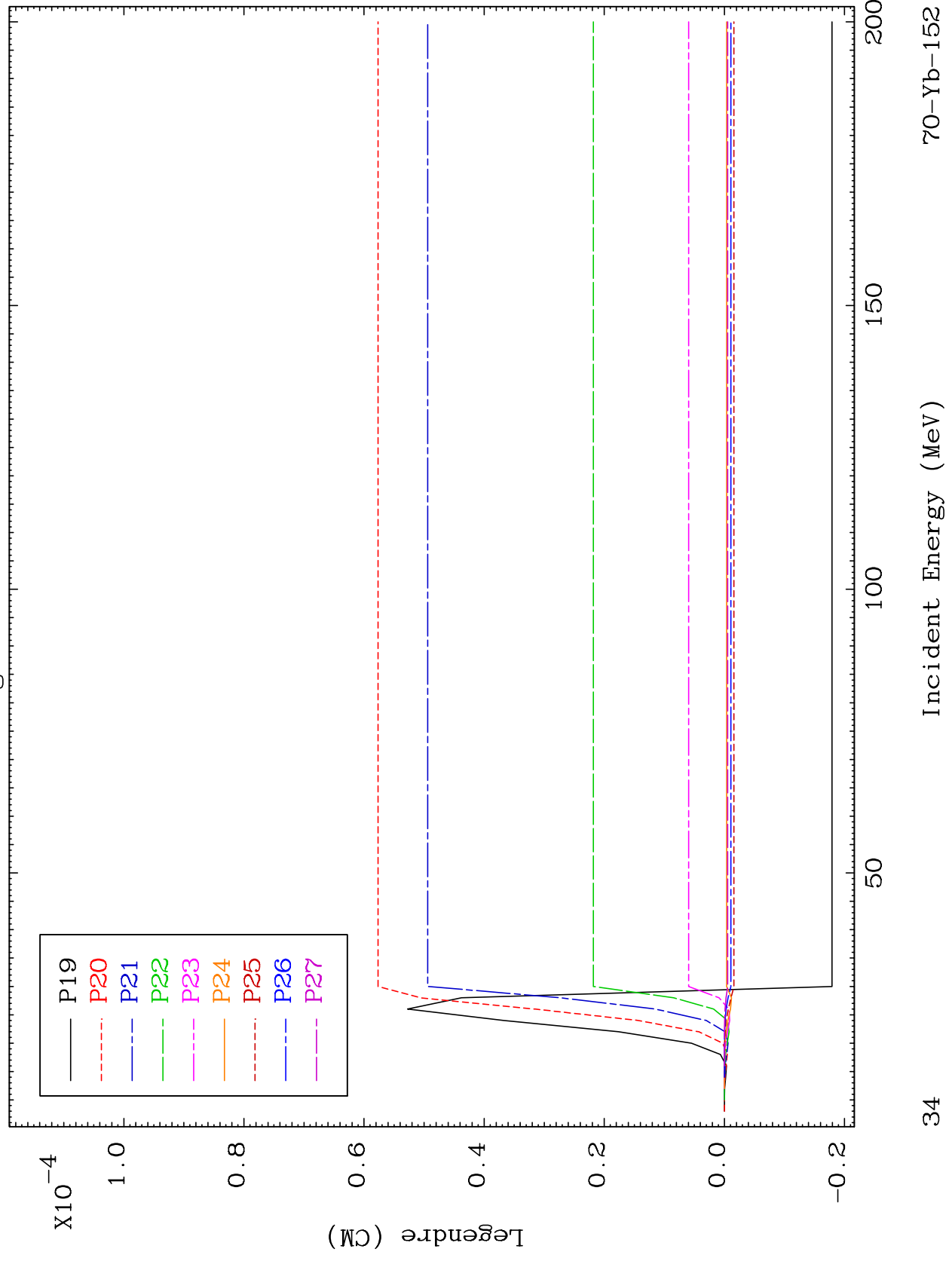
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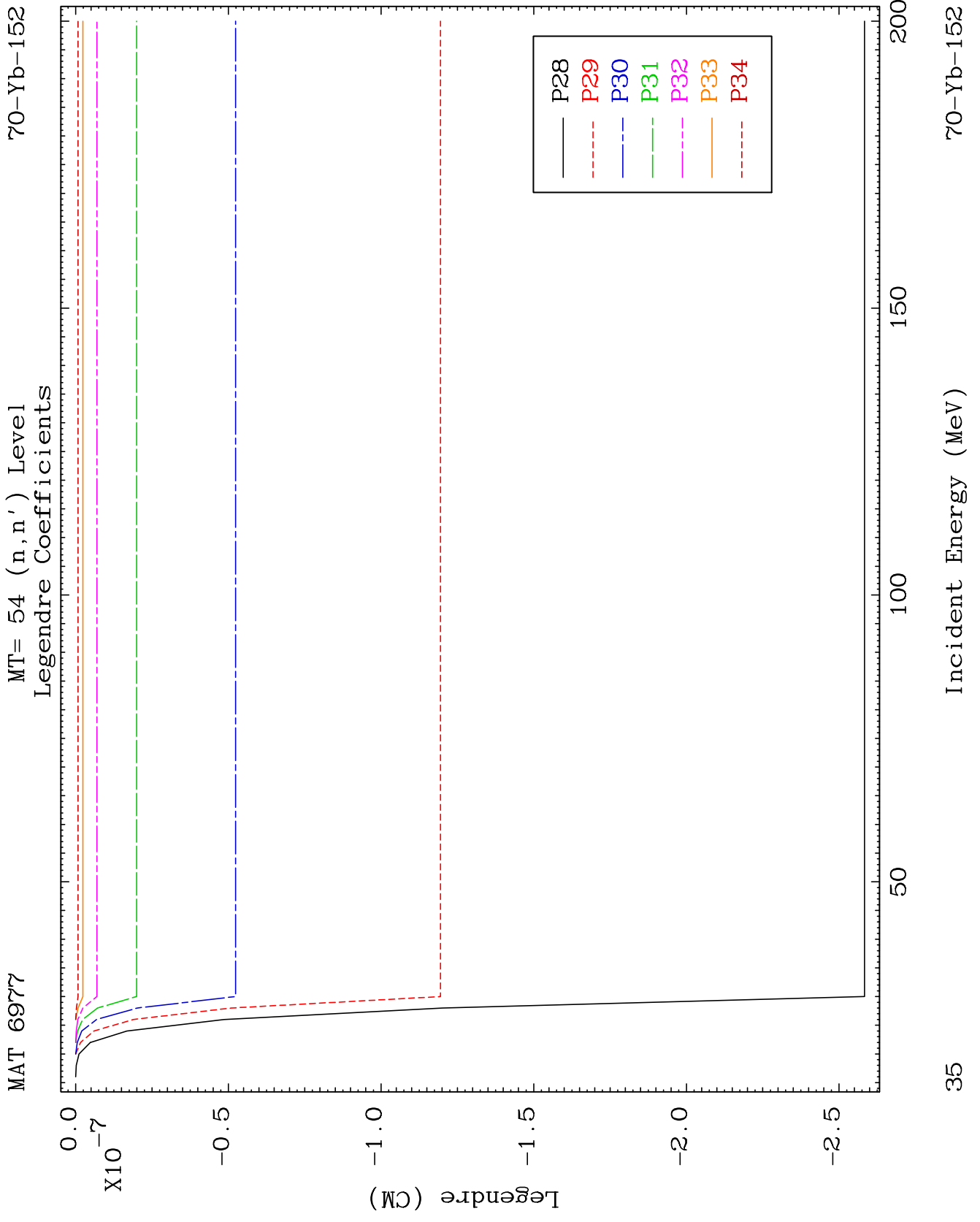
MAT 6977

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

70-Yb-152



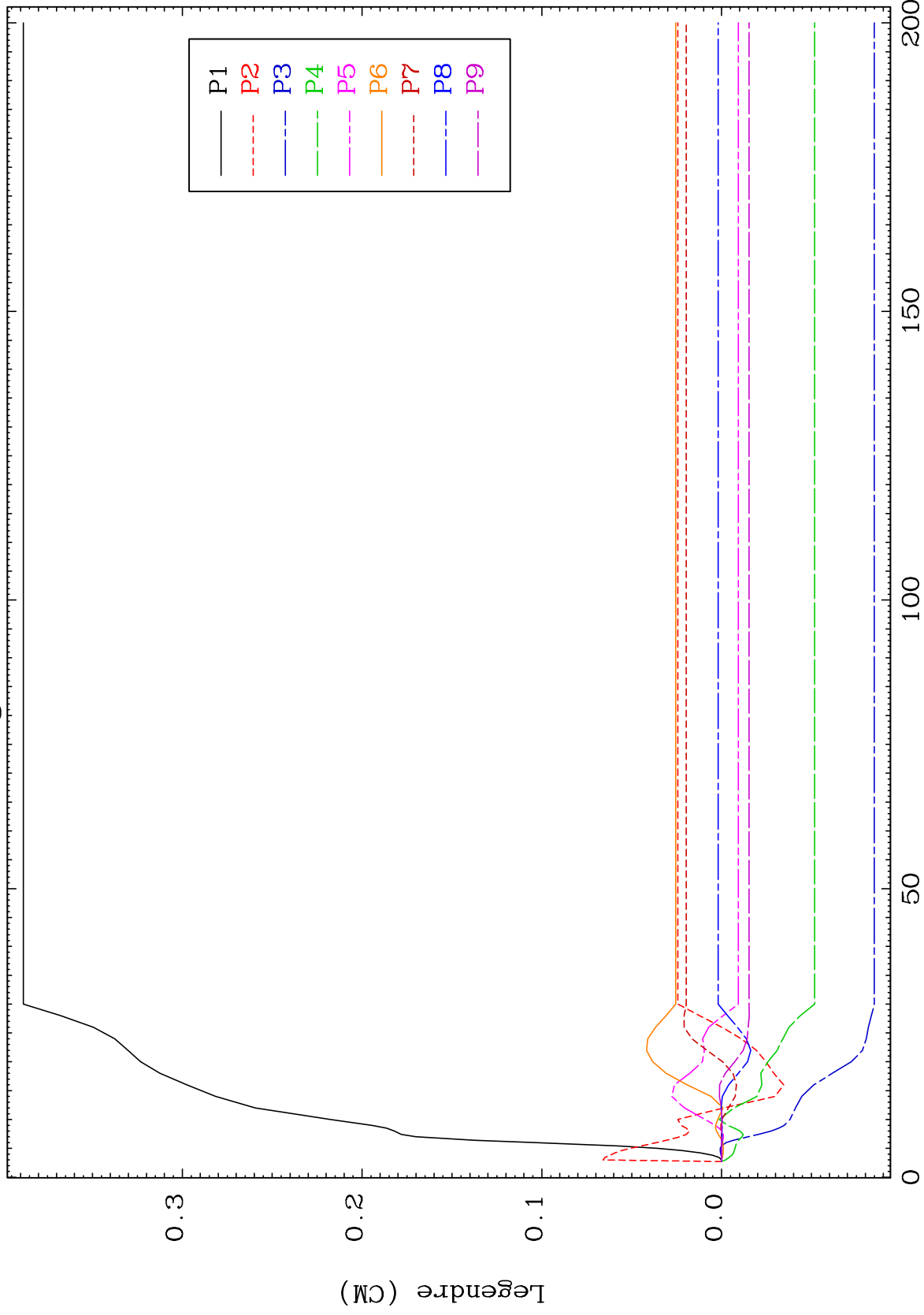




MAT 69777

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

70-Yb-152



36

Incident Energy (MeV)

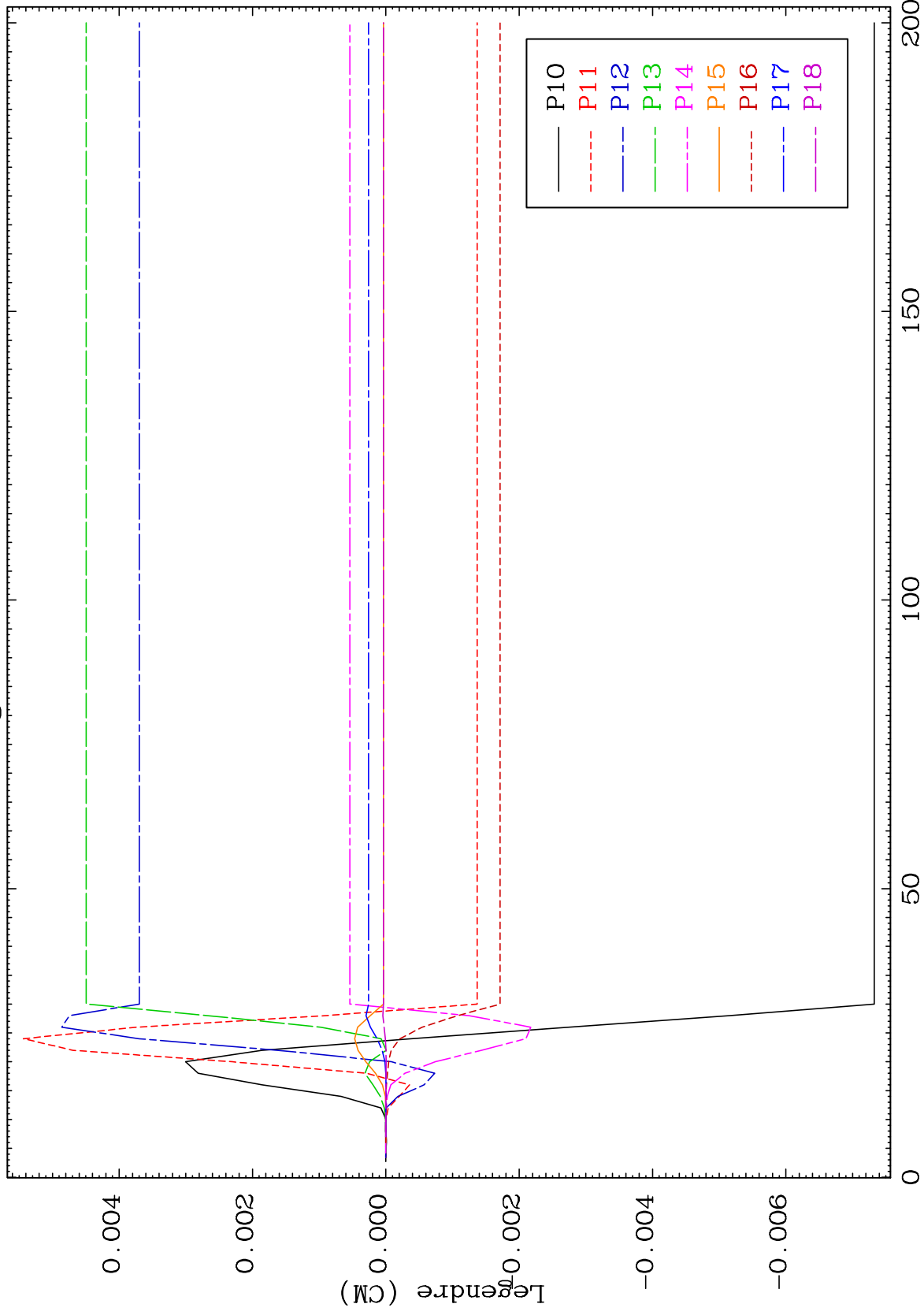
70-Yb-152

MAT 6977

MT= 55 (n,n') Level

70-Yb-152

Legendre Coefficients



37

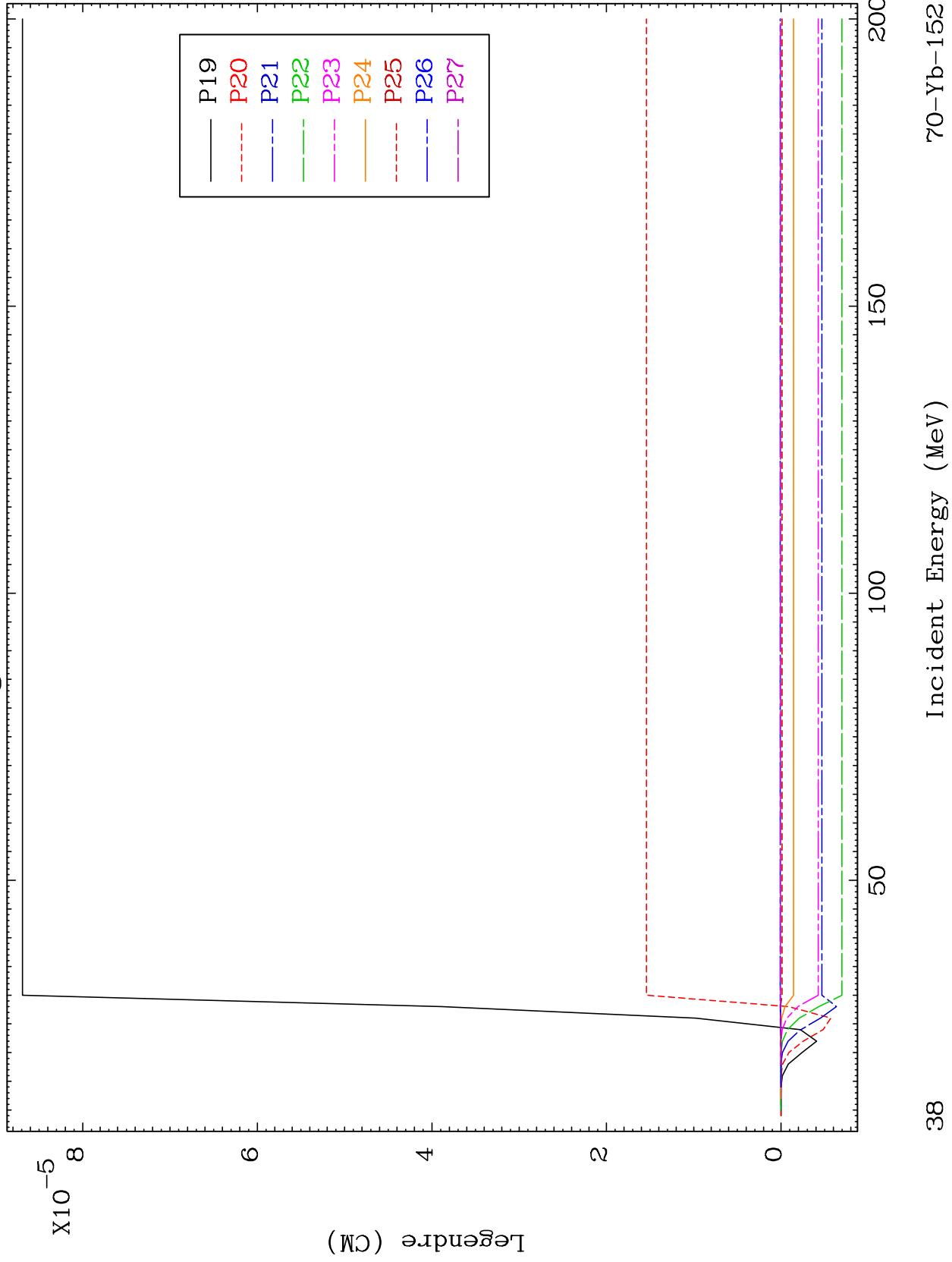
Incident Energy (MeV)

70-Yb-152

MAT 6977

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

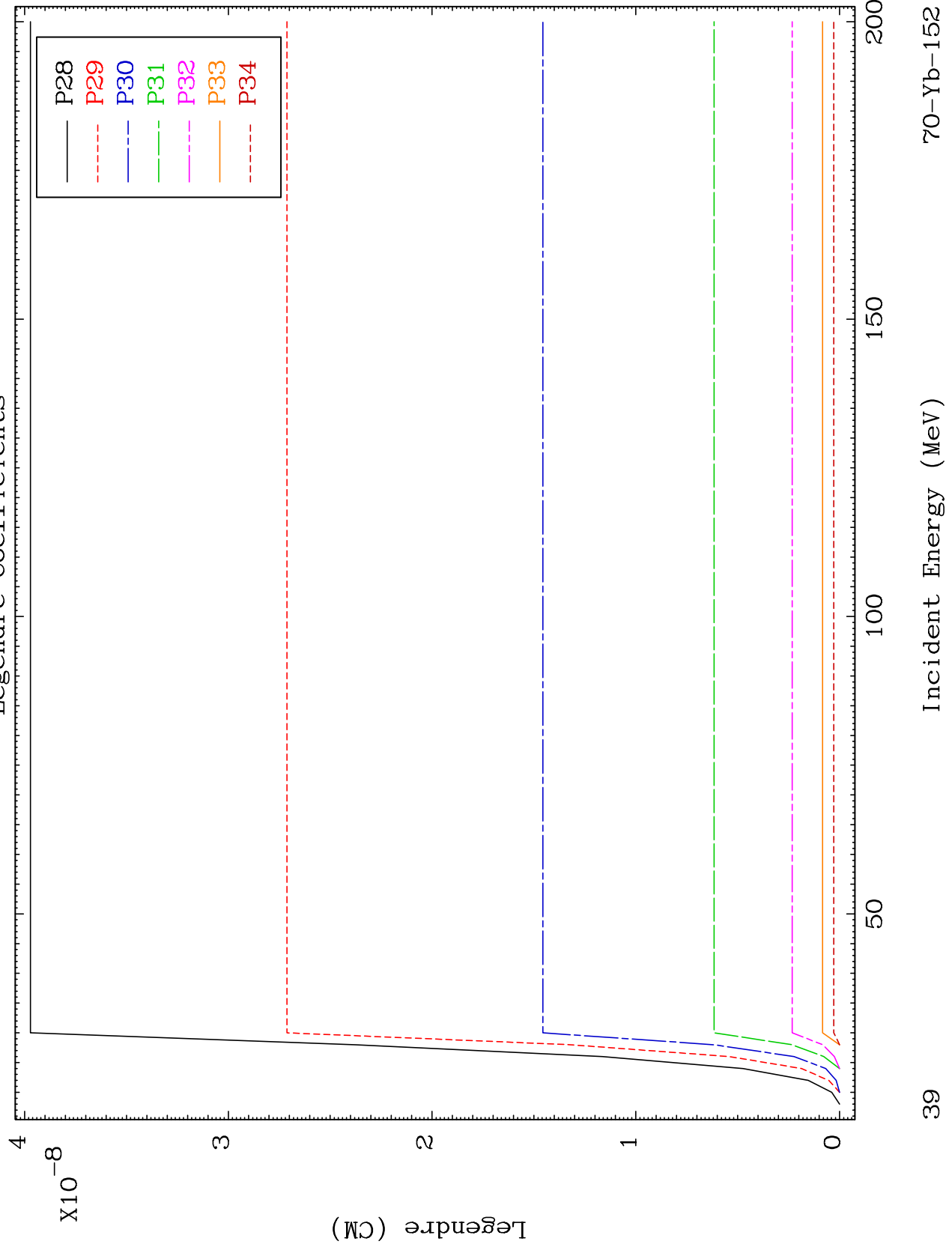
70-Yb-152



MAT 6977

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

70-Yb-152



39

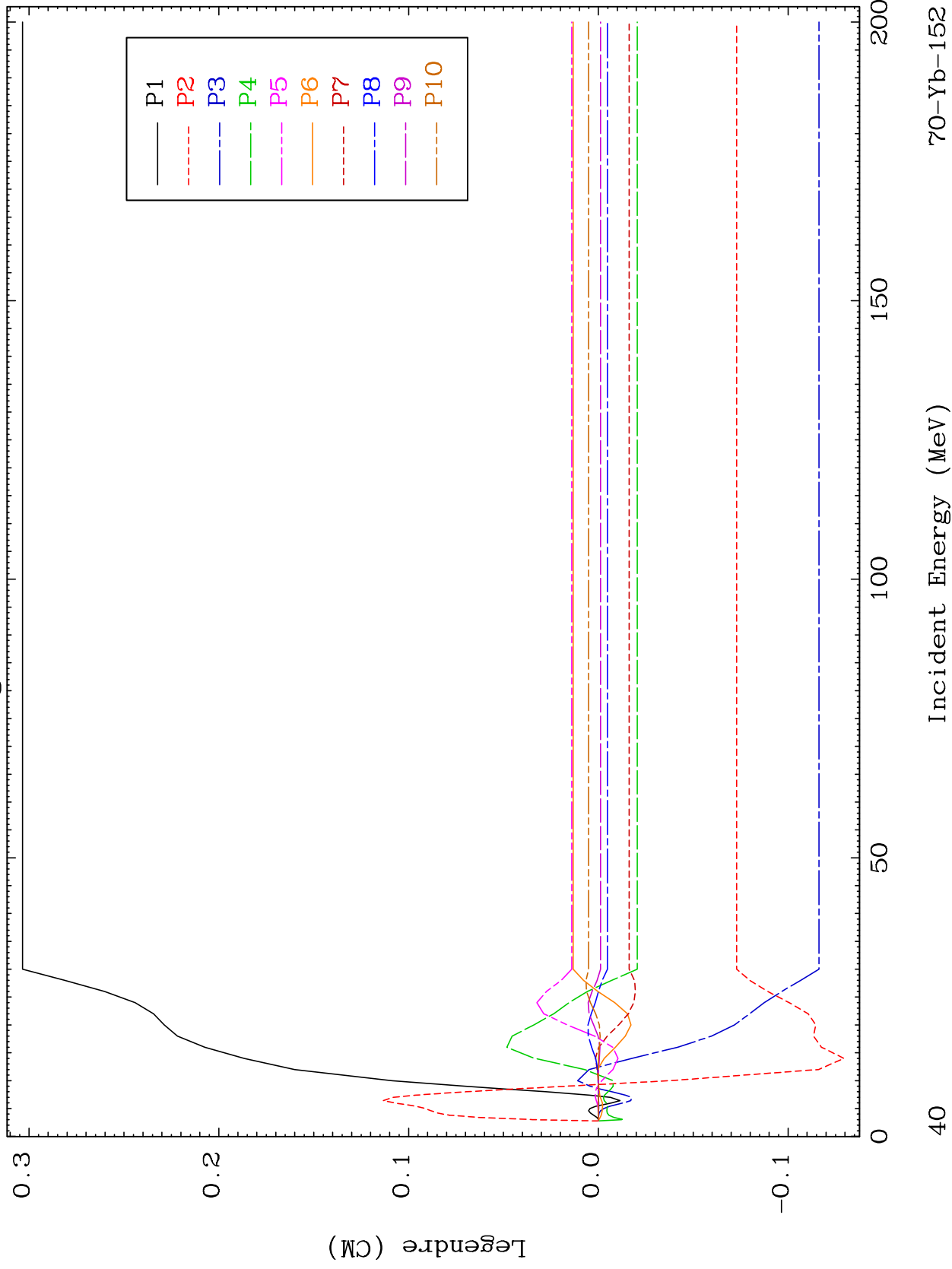
Incident Energy (MeV)

70-Yb-152

MAT 6977

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

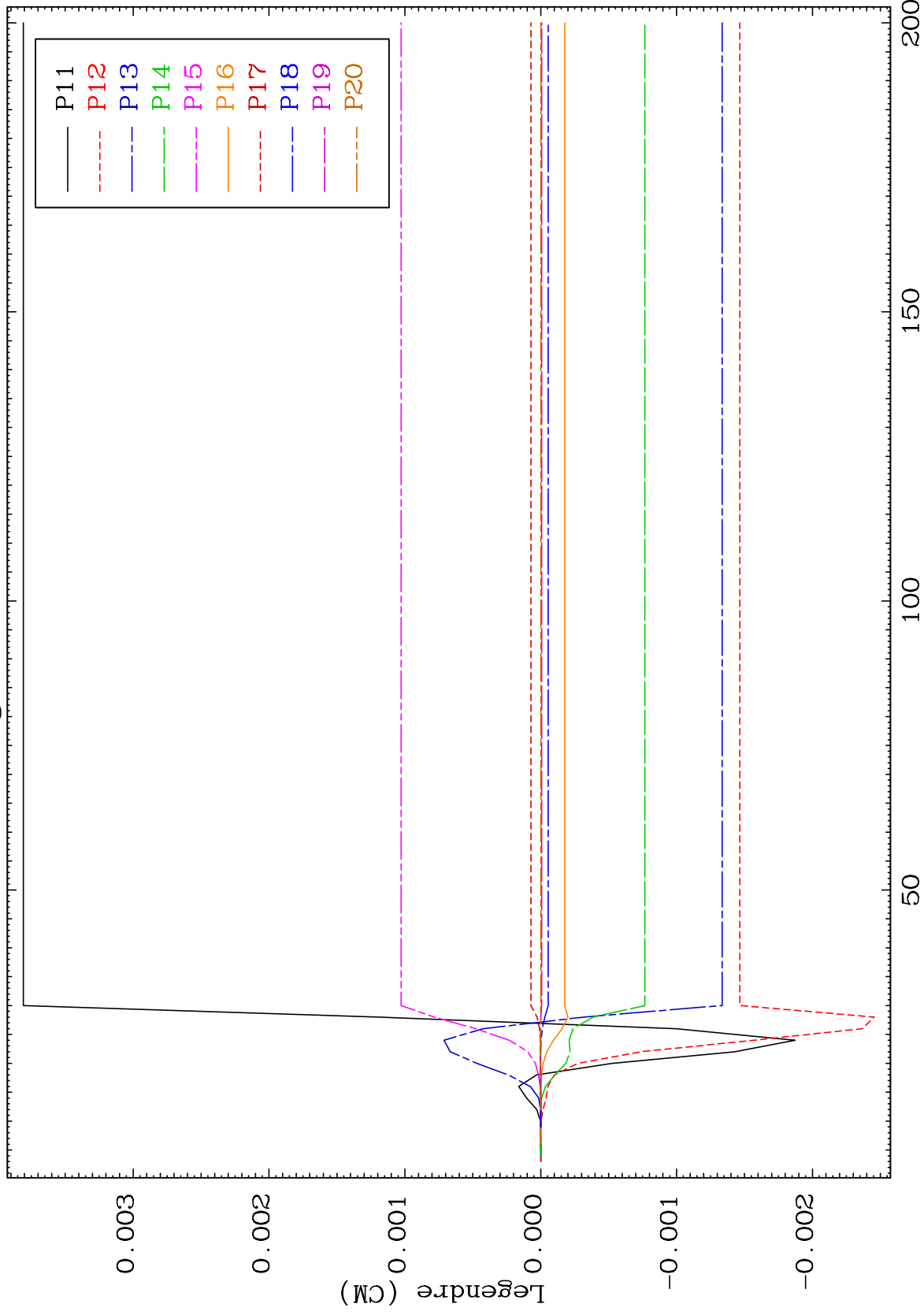
70-Yb-152



MAT 6977

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

70-Yb-152



41

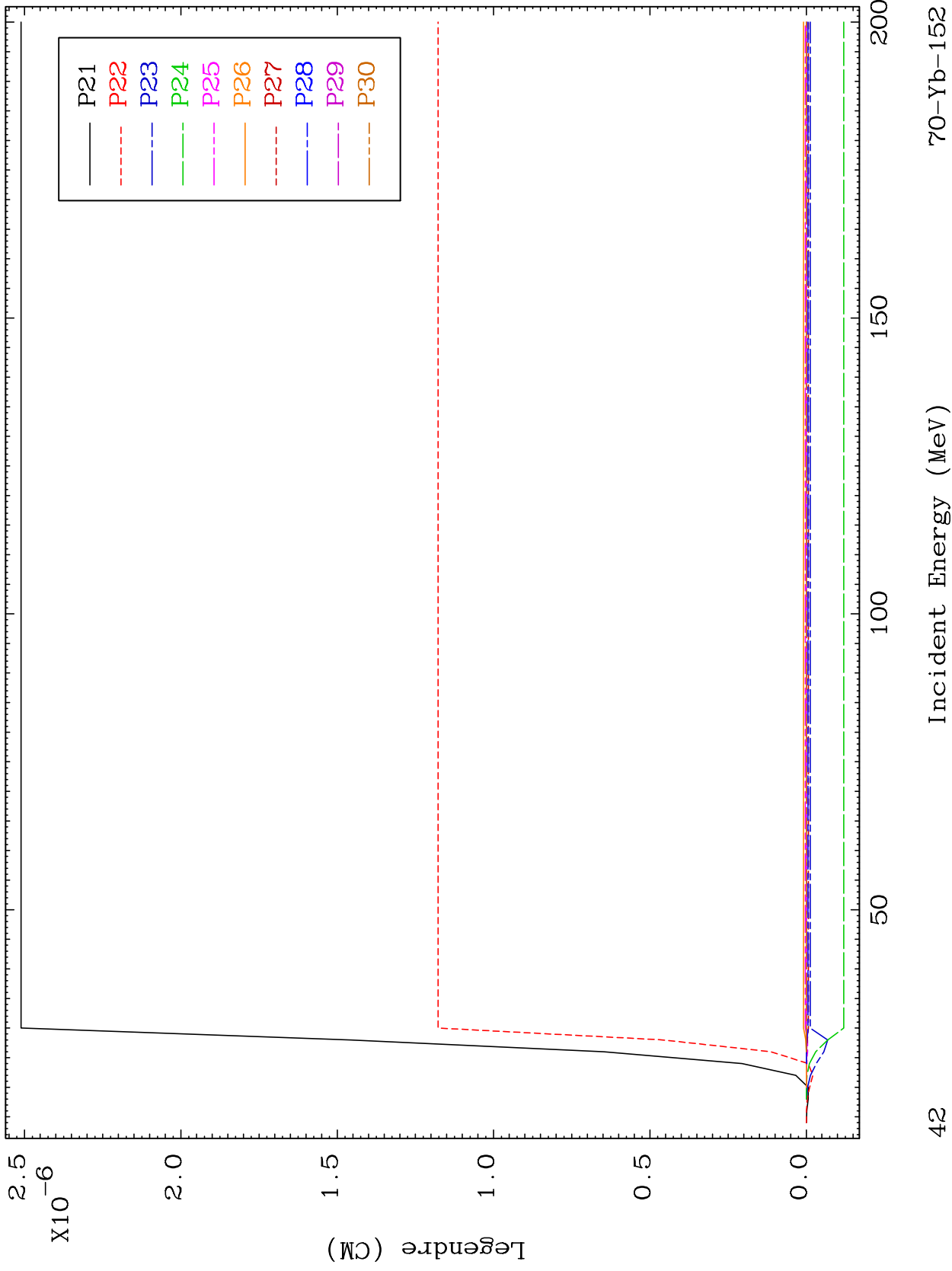
Incident Energy (MeV)

70-Yb-152

MAT 6977

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

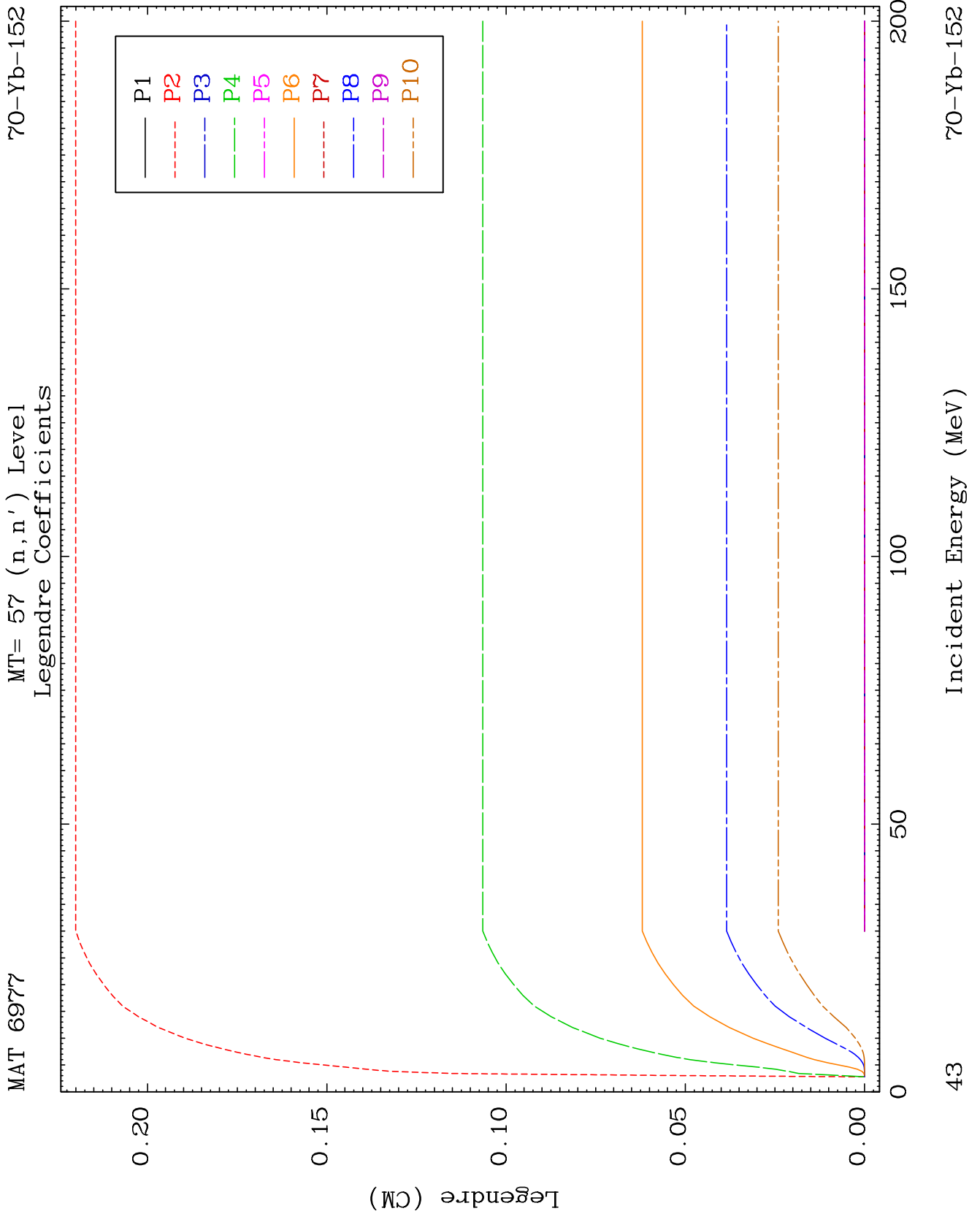
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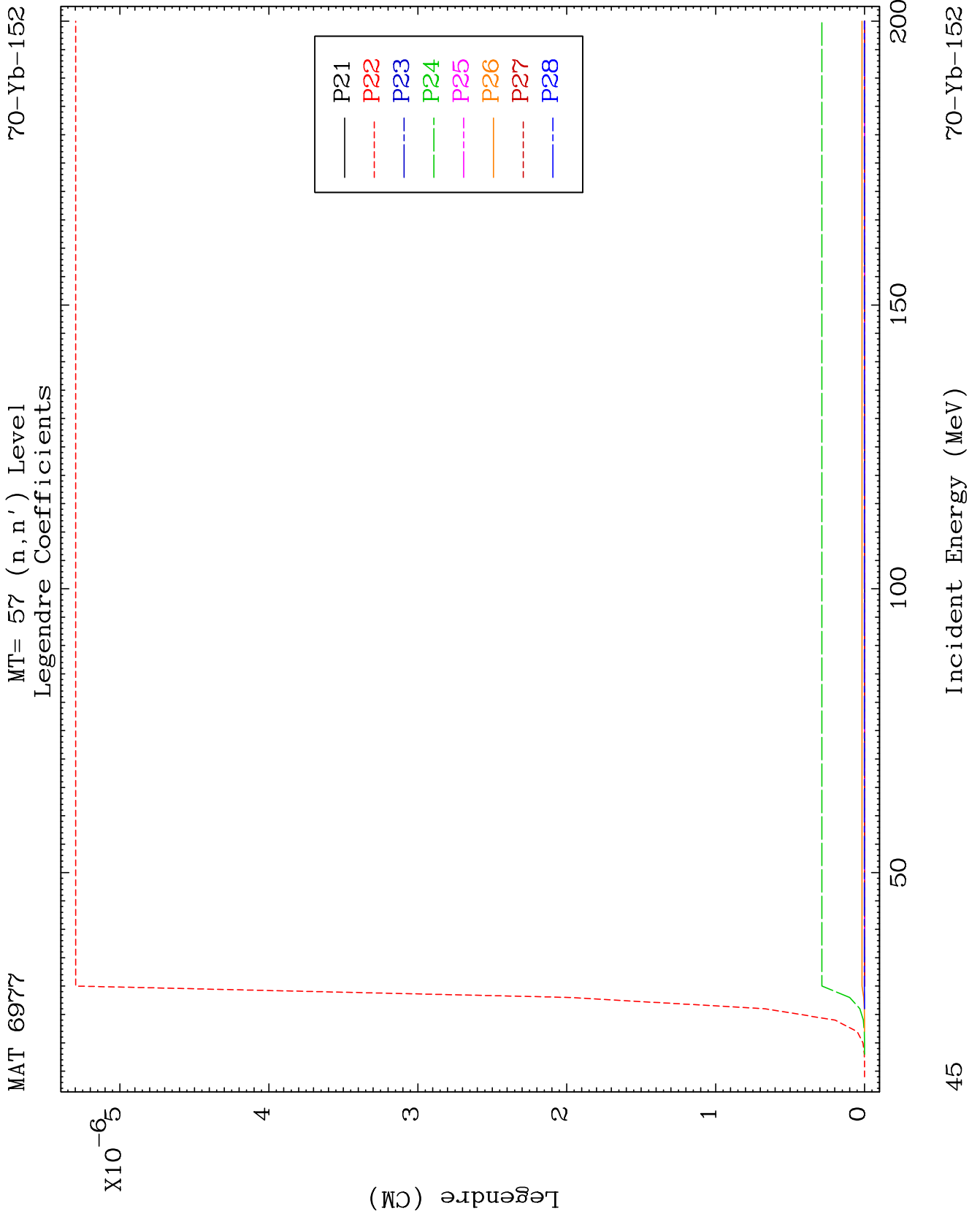


42

Incident Energy (MeV)

70-Yb-152

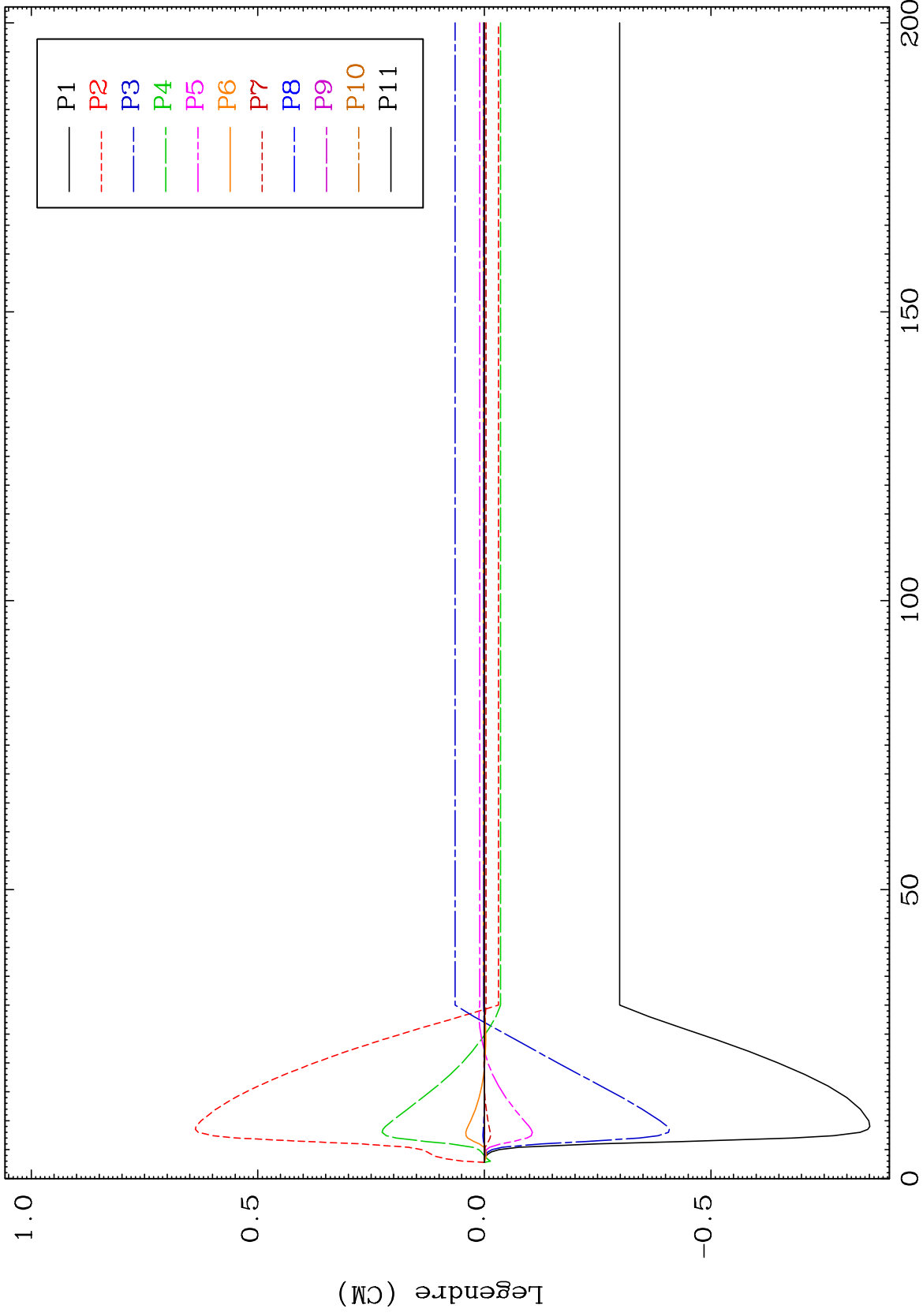




MAT 6977

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

70-Yb-152



46

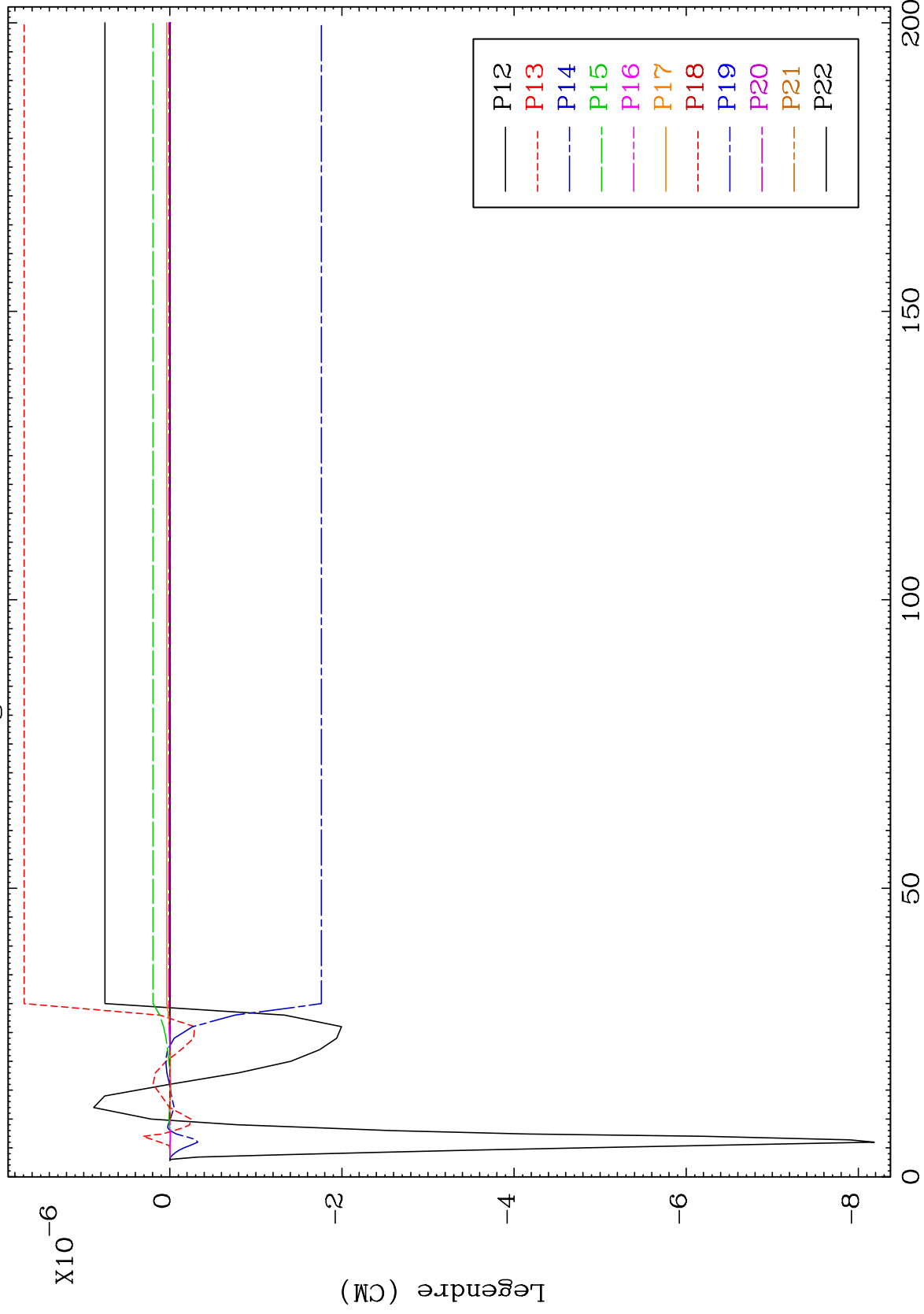
Incident Energy (MeV)

70-Yb-152

MAT 6977

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

70-Yb-152



47

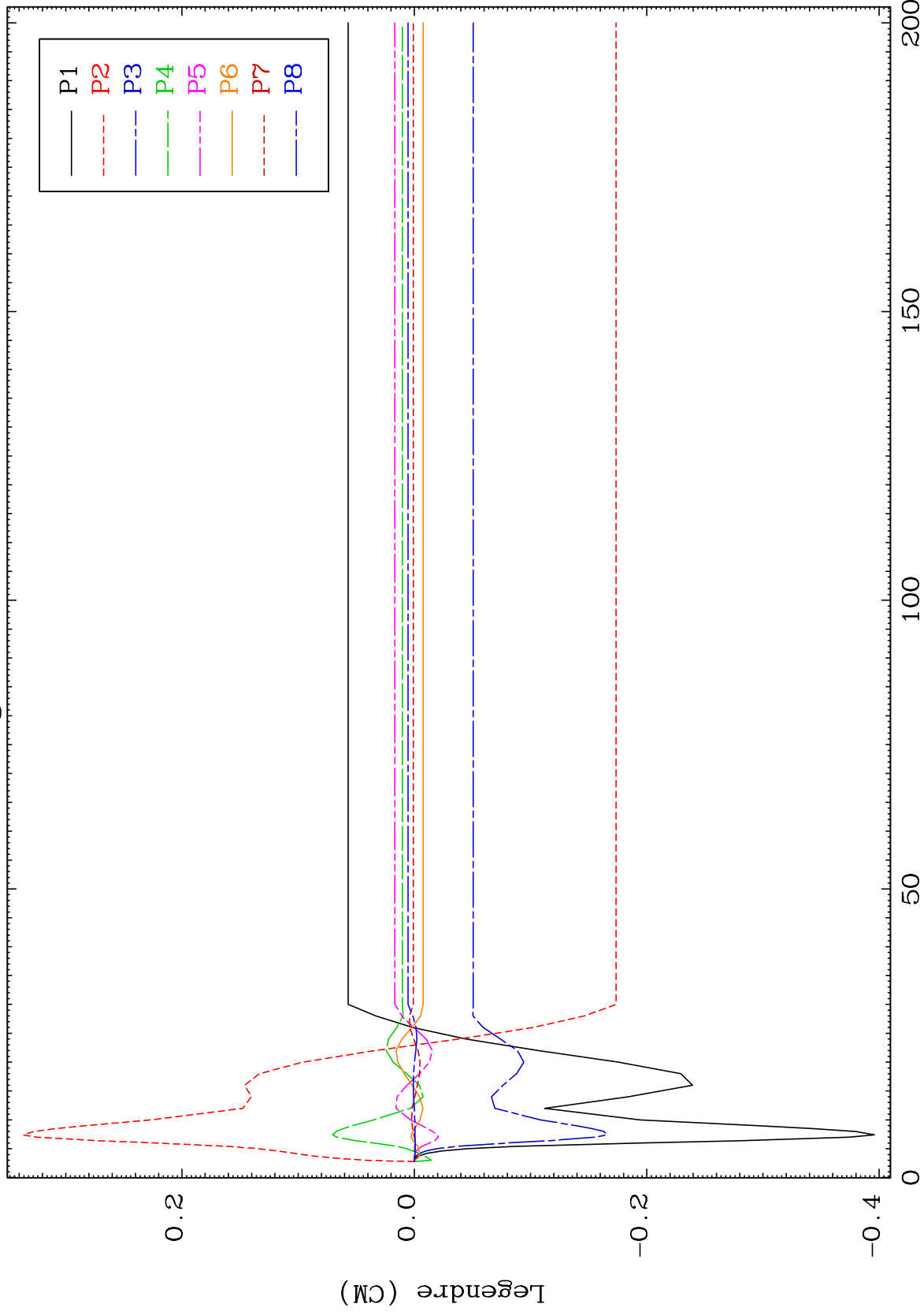
Incident Energy (MeV)

70-Yb-152

MAT 6977

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

70-Yb-152



48

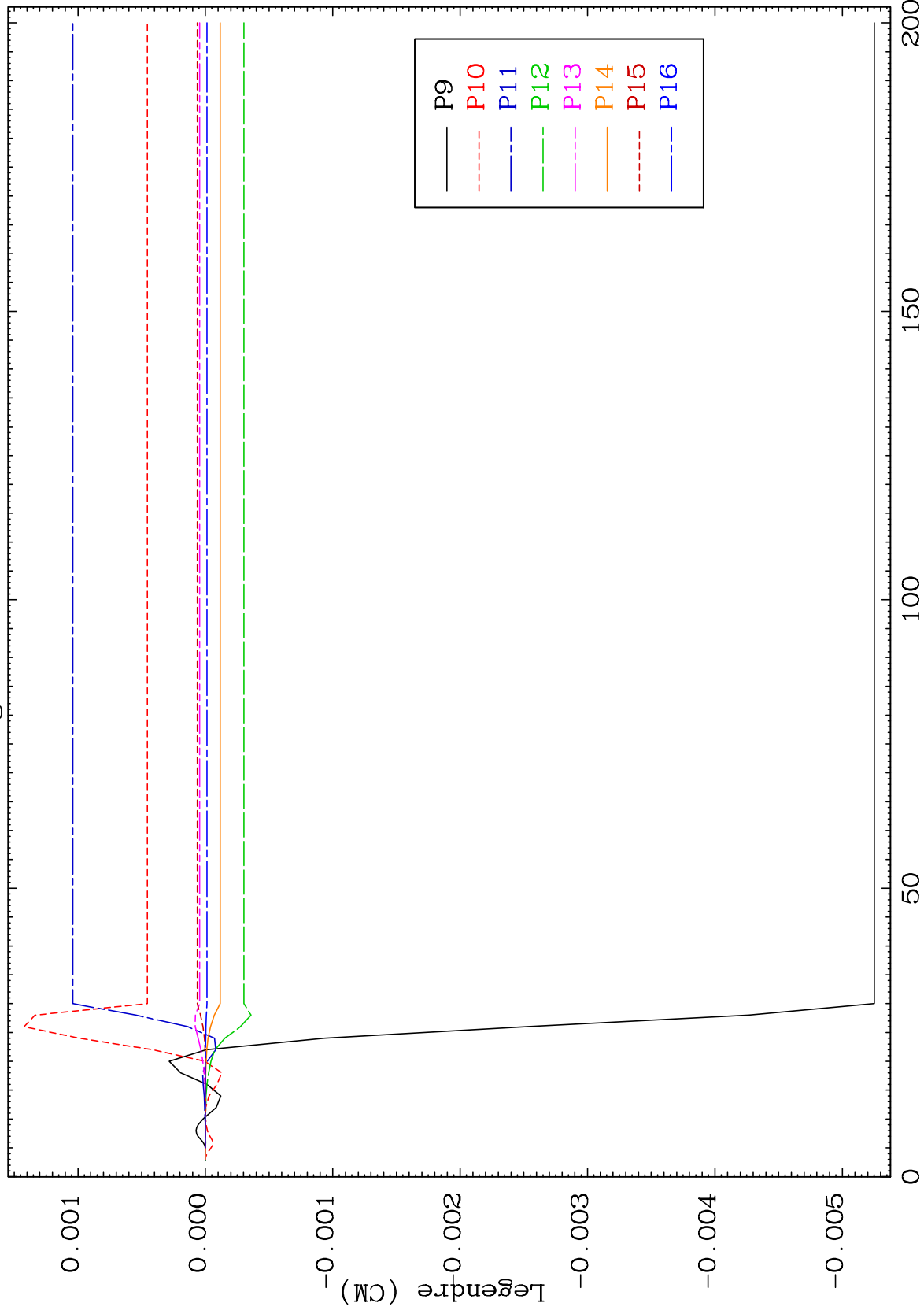
Incident Energy (MeV)

70-Yb-152

MAT 6977

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

70-Yb-152



49

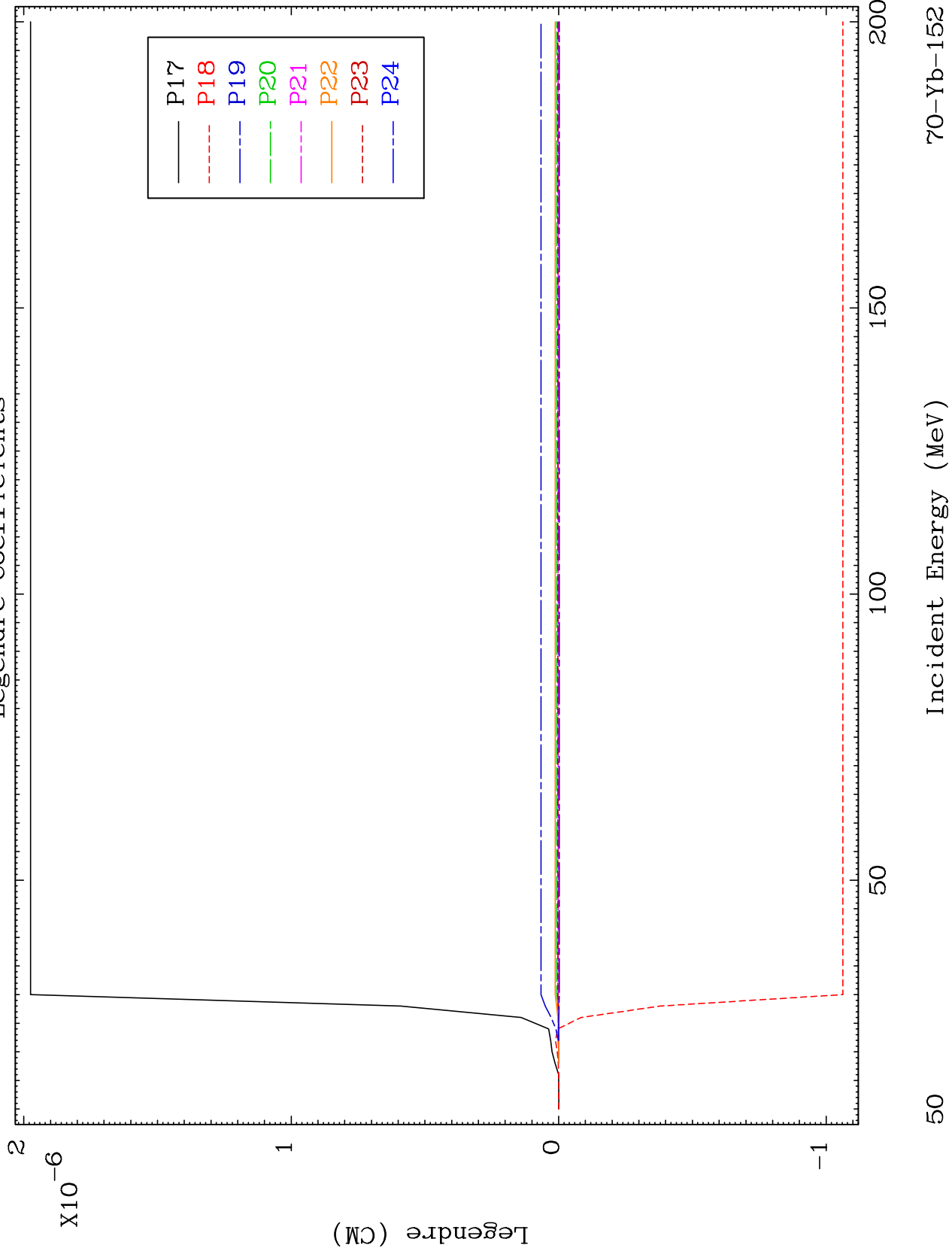
Incident Energy (MeV)

70-Yb-152

MAT 6977

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

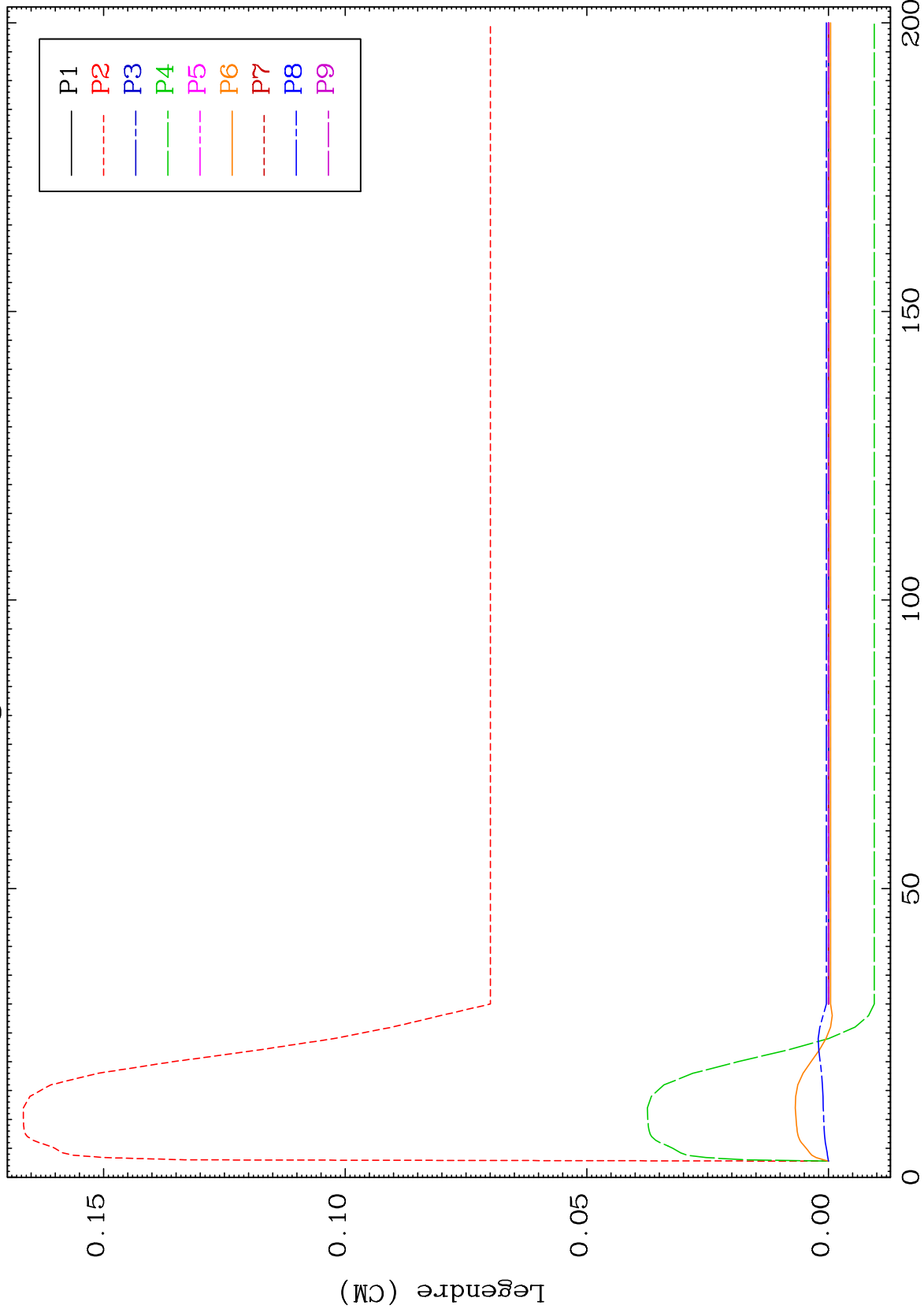
70-Yb-152



MAT 69777

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

70-Yb-152



51

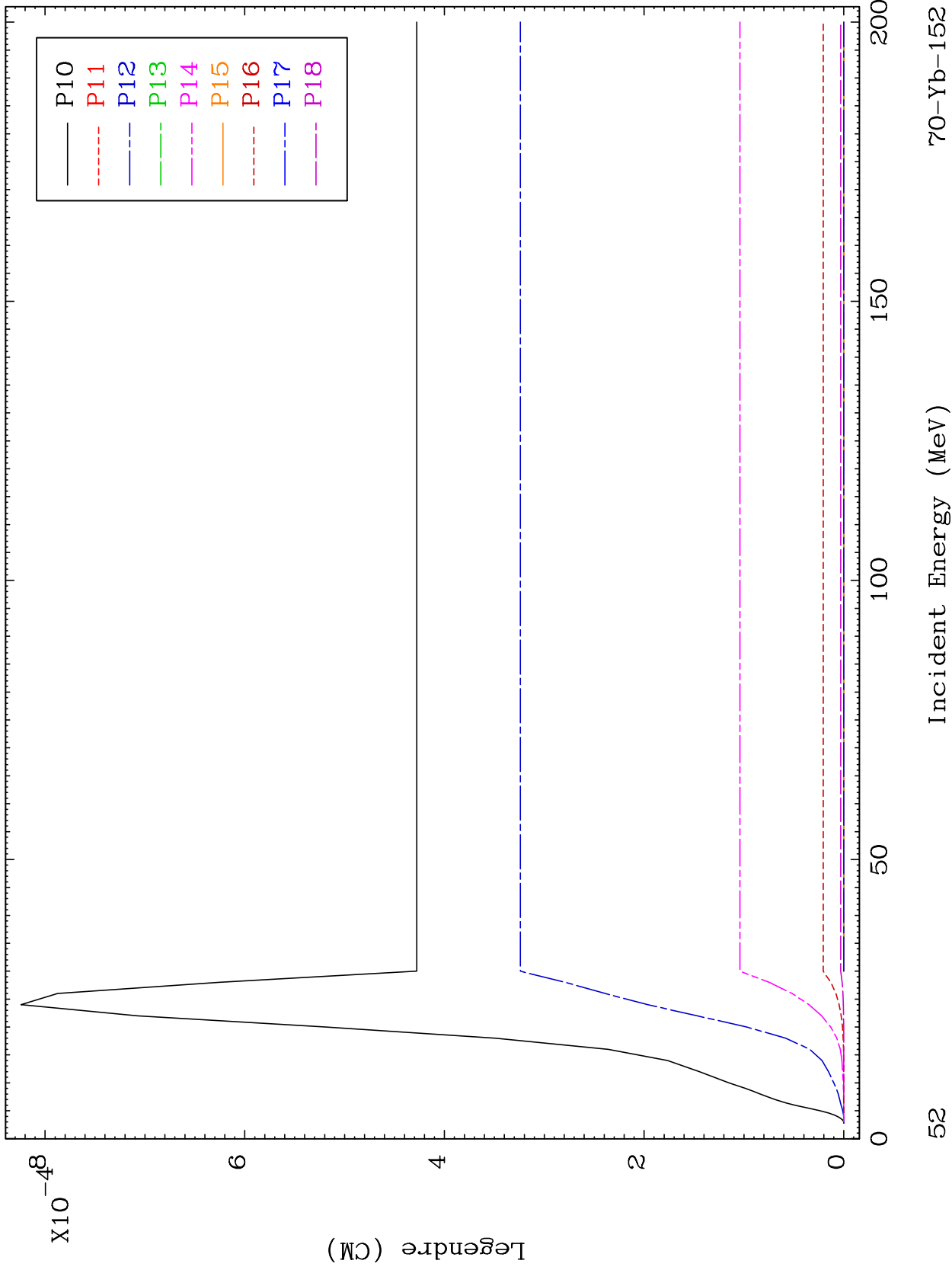
Incident Energy (MeV)

70-Yb-152

MAT 6977

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

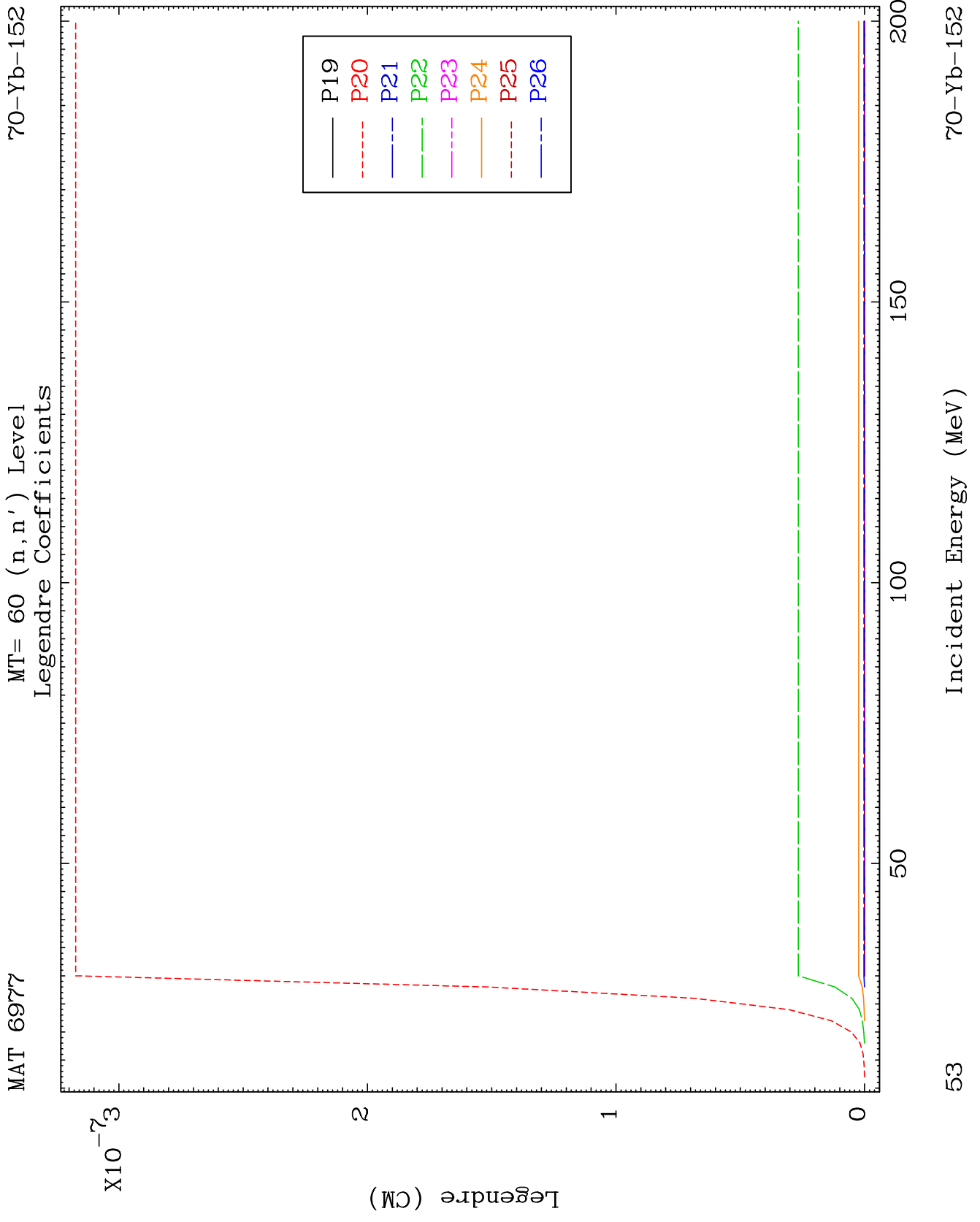
70-Yb-152



52

Incident Energy (MeV)

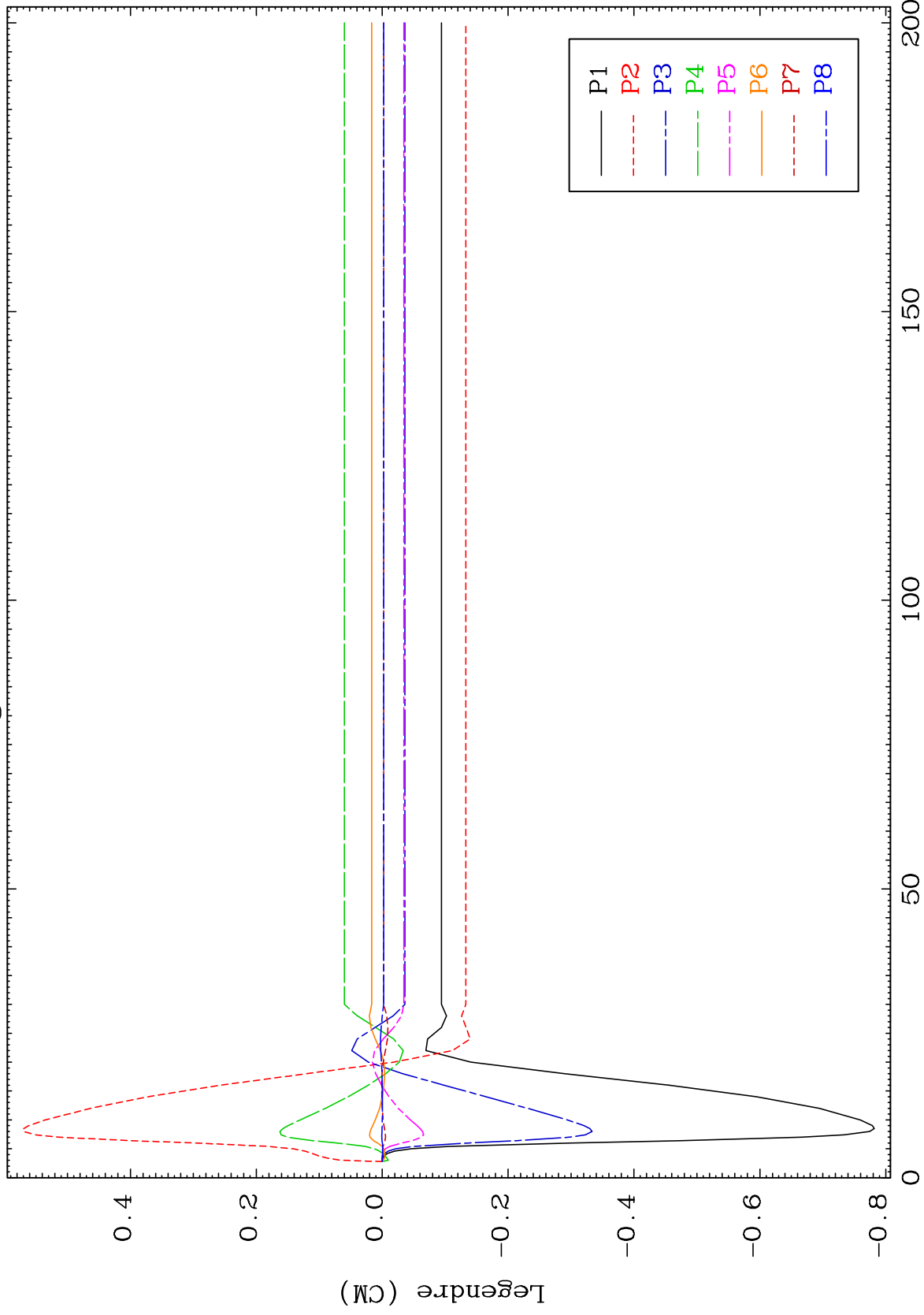
70-Yb-152



MAT 69777

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

70-Yb-152



54

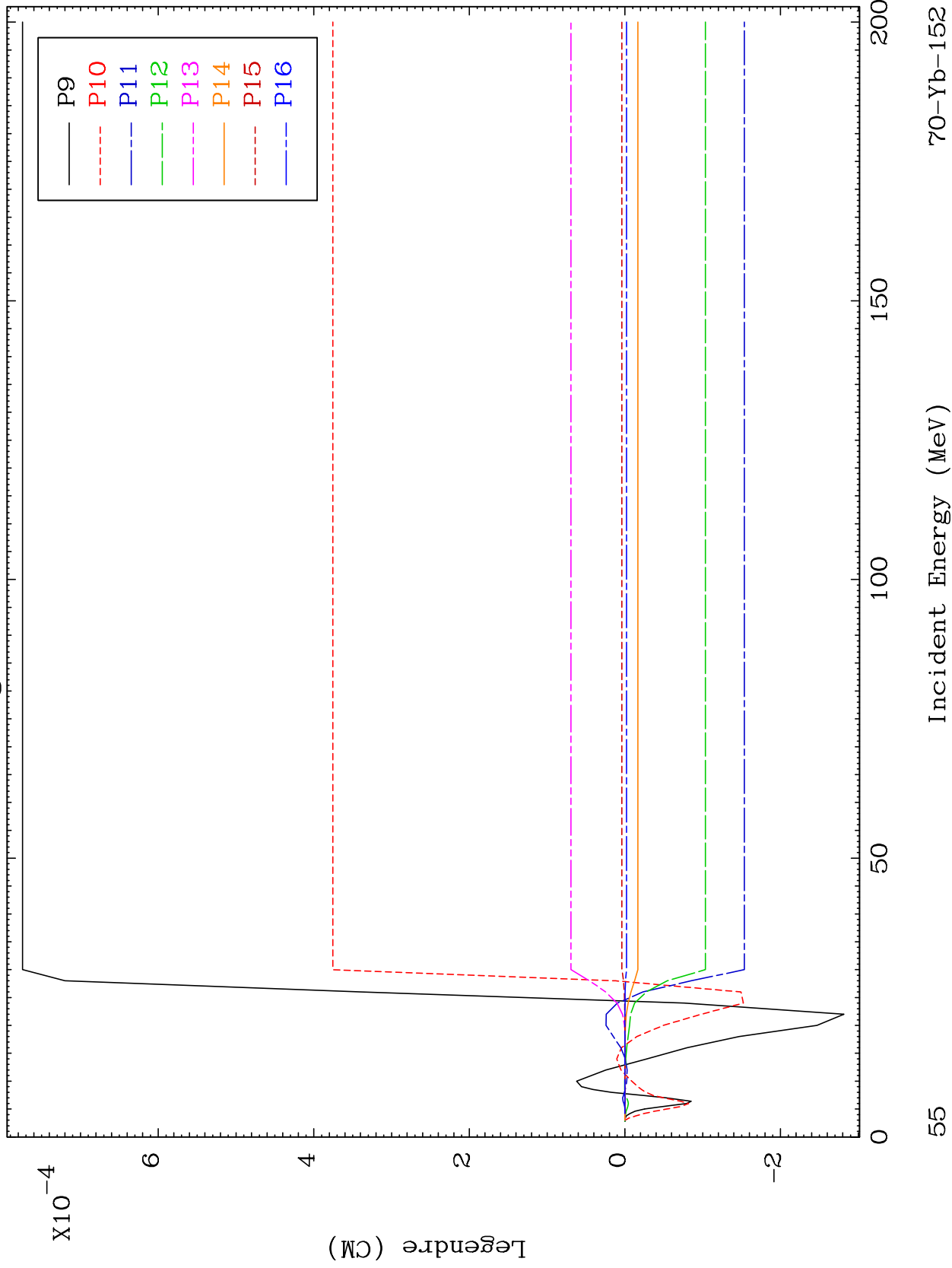
Incident Energy (MeV)

70-Yb-152

MAT 6977

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

70-Yb-152



70-Yb-152

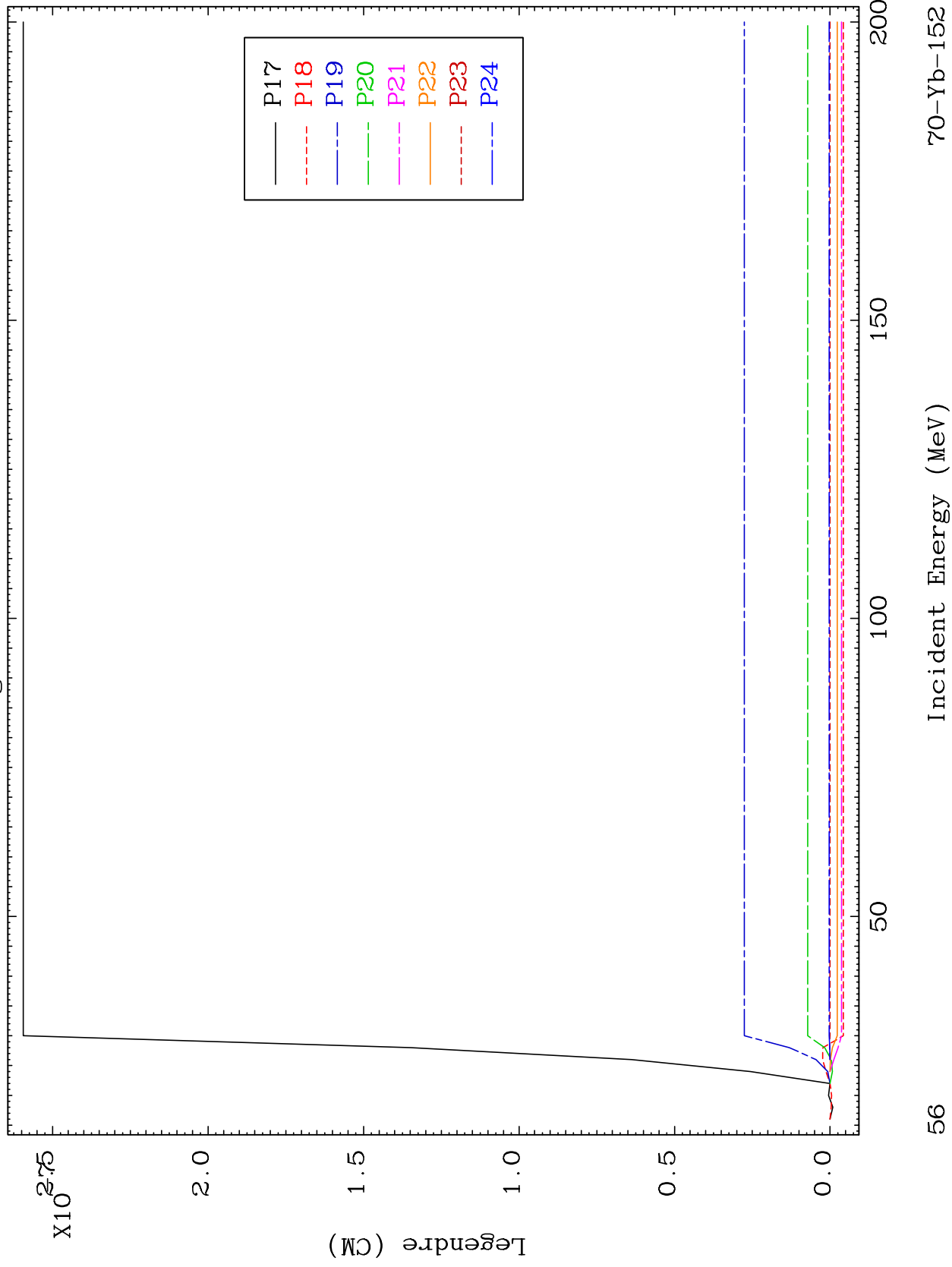
Incident Energy (MeV)

55

MAT 6977

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

70-Yb-152



56

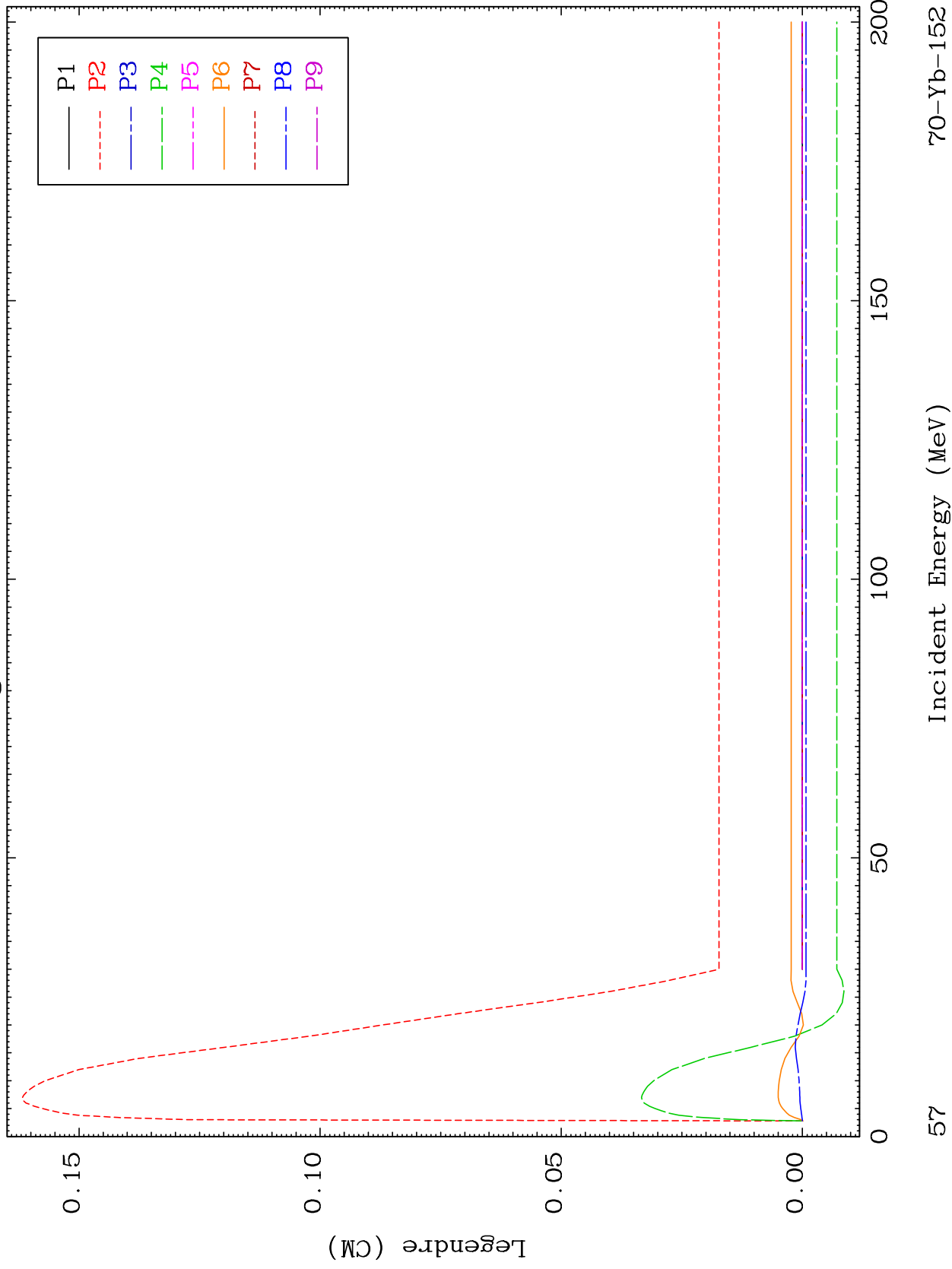
Incident Energy (MeV)

70-Yb-152

MAT 6977

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

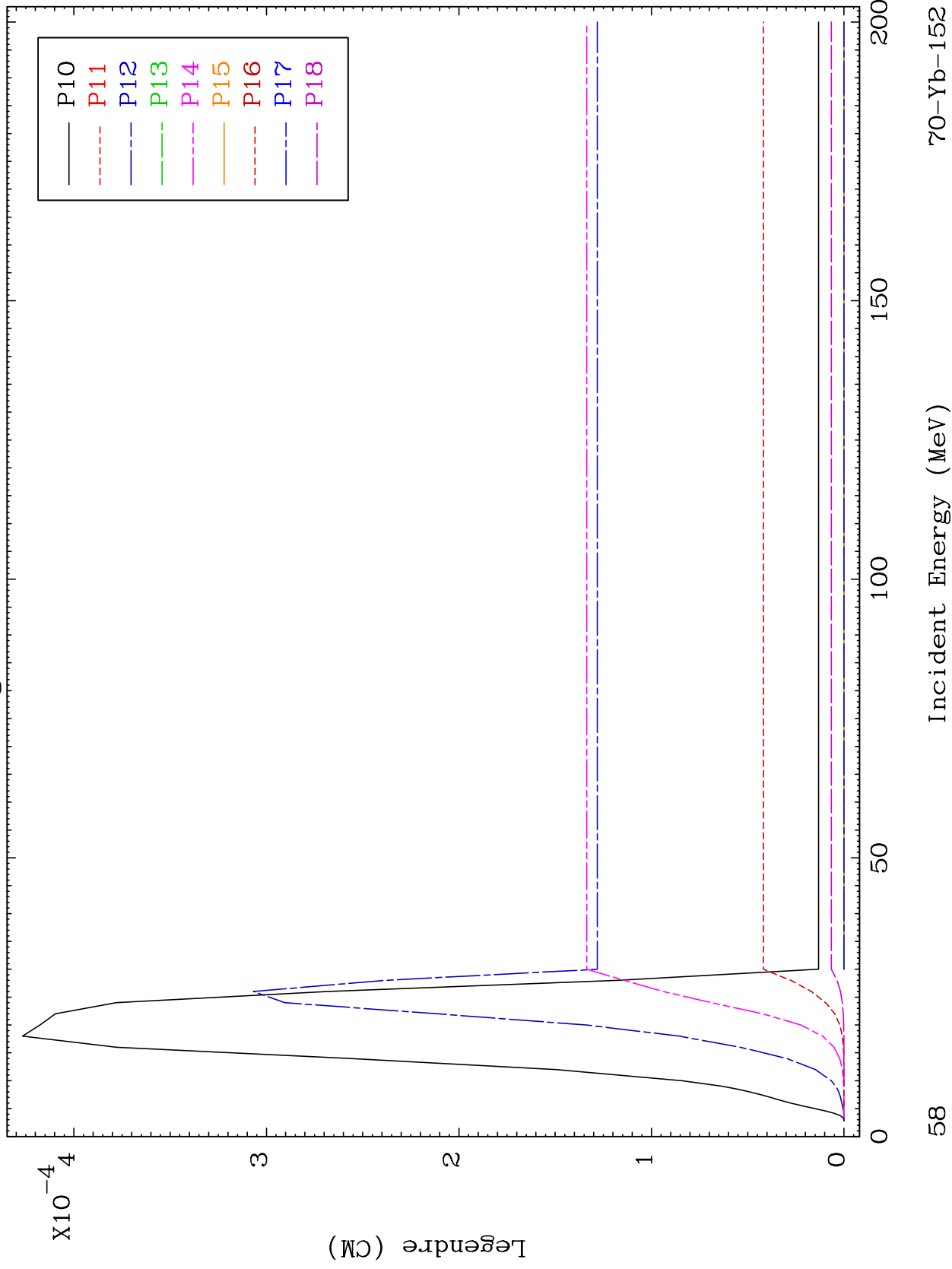
70-Yb-152



MAT 6977

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

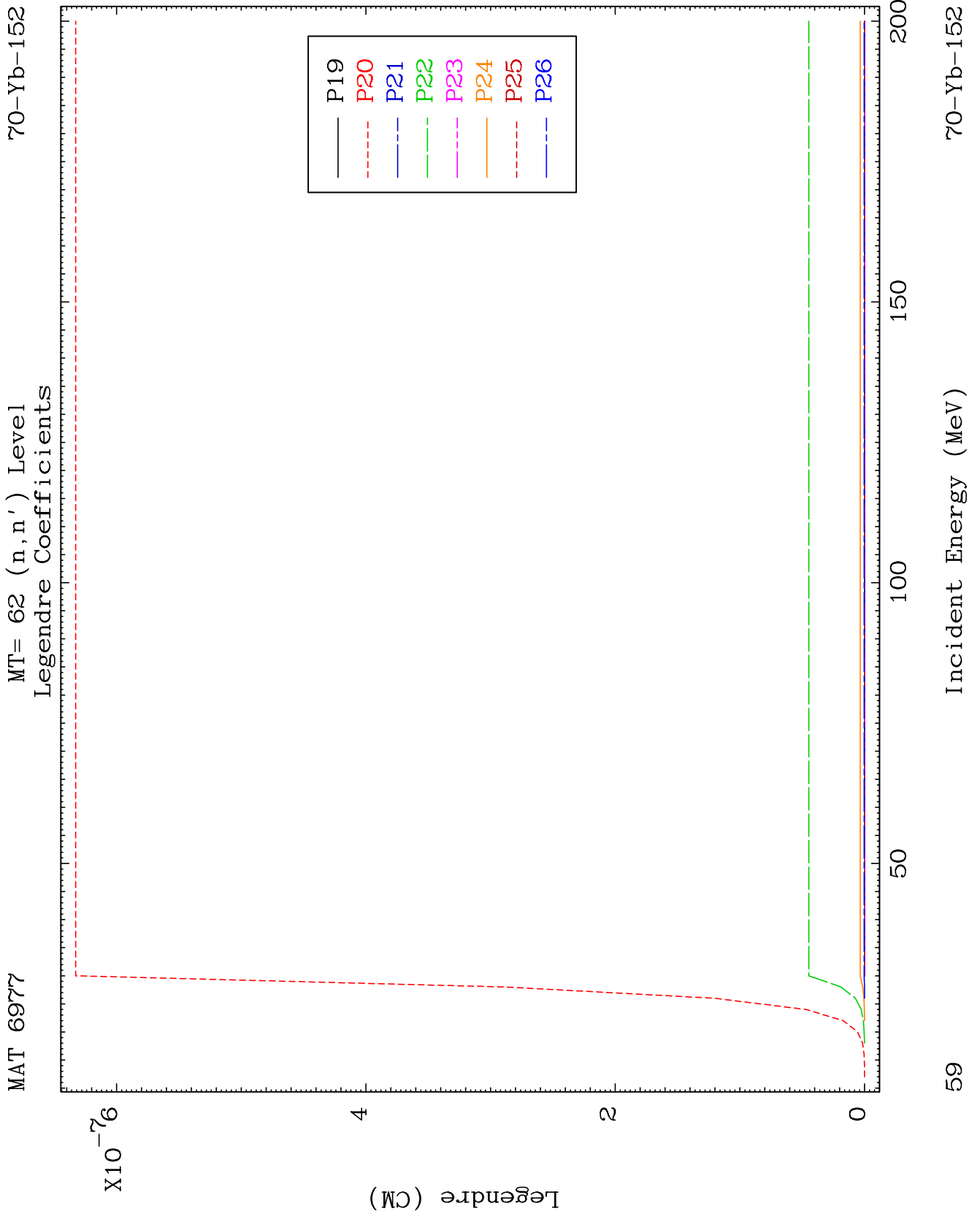
70-Yb-152



58

Incident Energy (MeV)

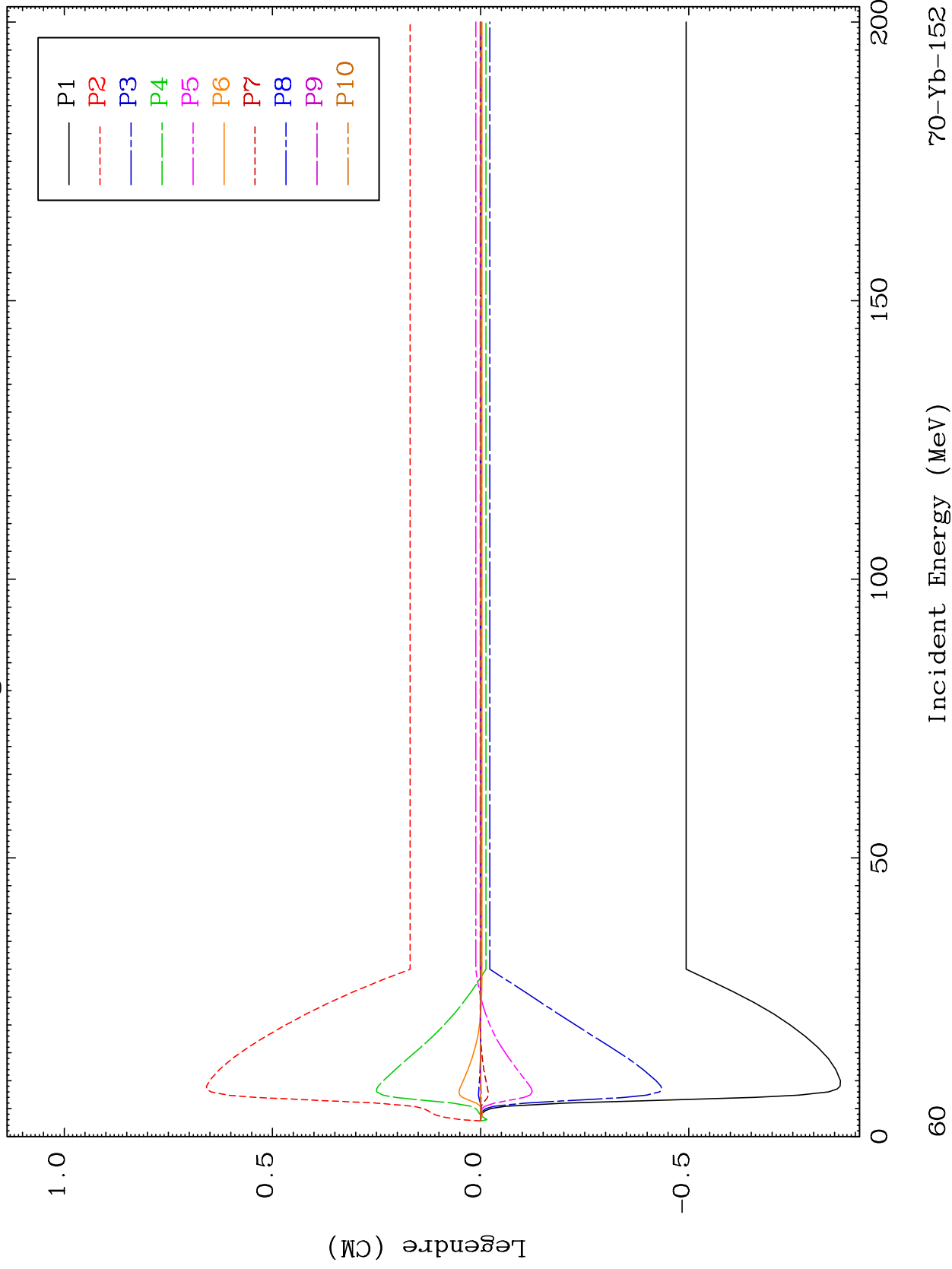
70-Yb-152



MAT 6977

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

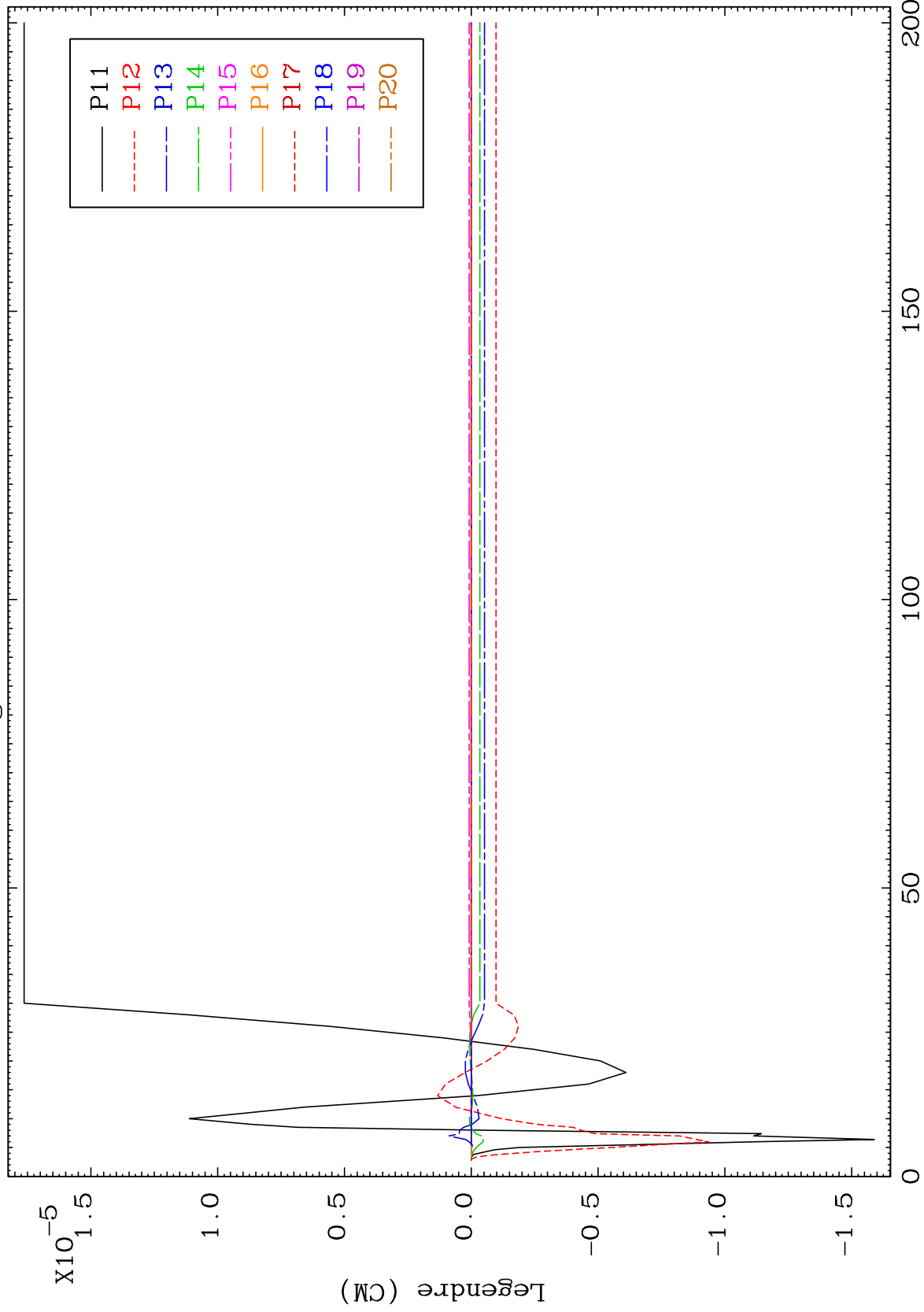
70-Yb-152



MAT 6977

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

70-Yb-152



61

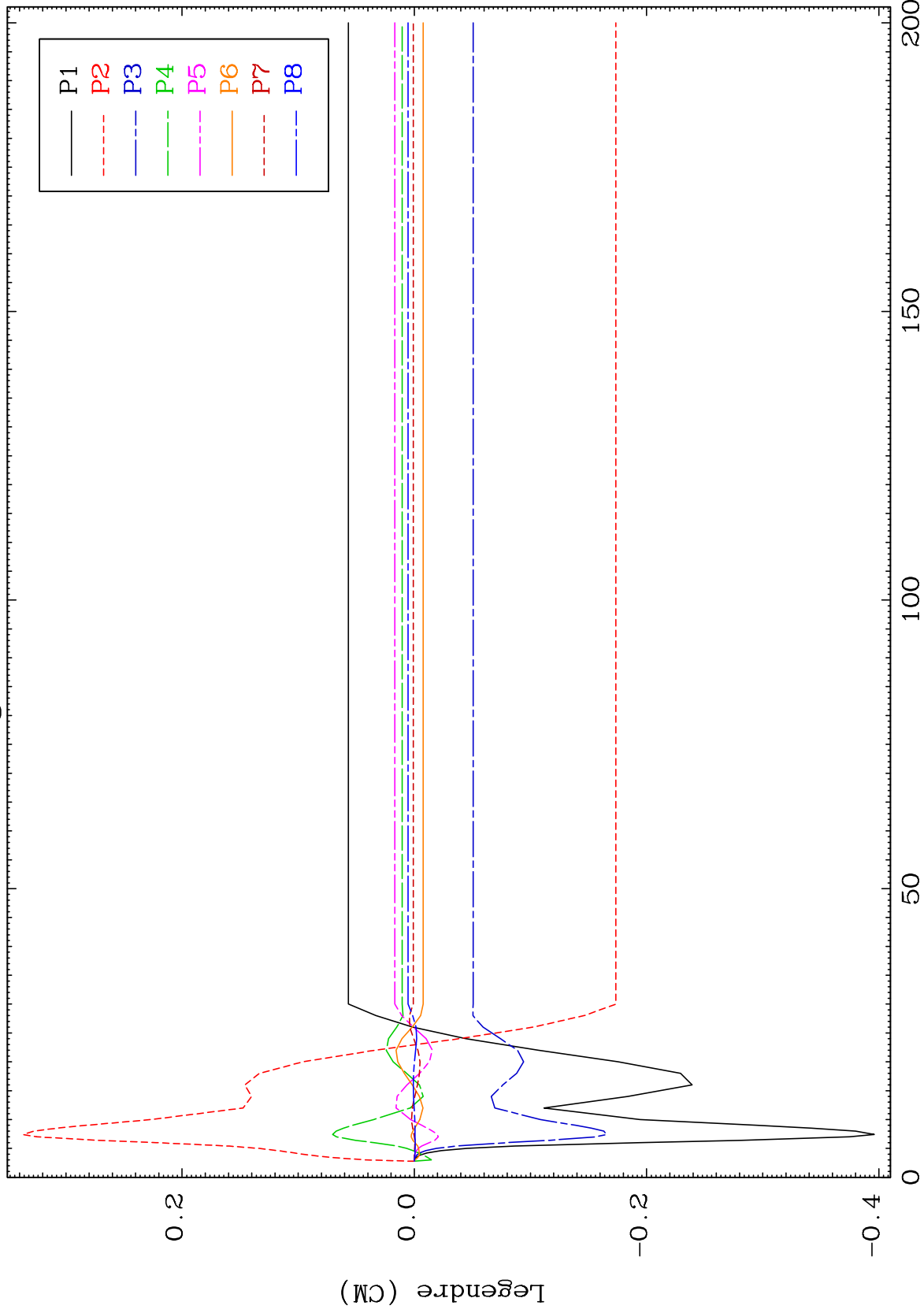
Incident Energy (MeV)

70-Yb-152

MAT 6977

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

70-Yb-152



62

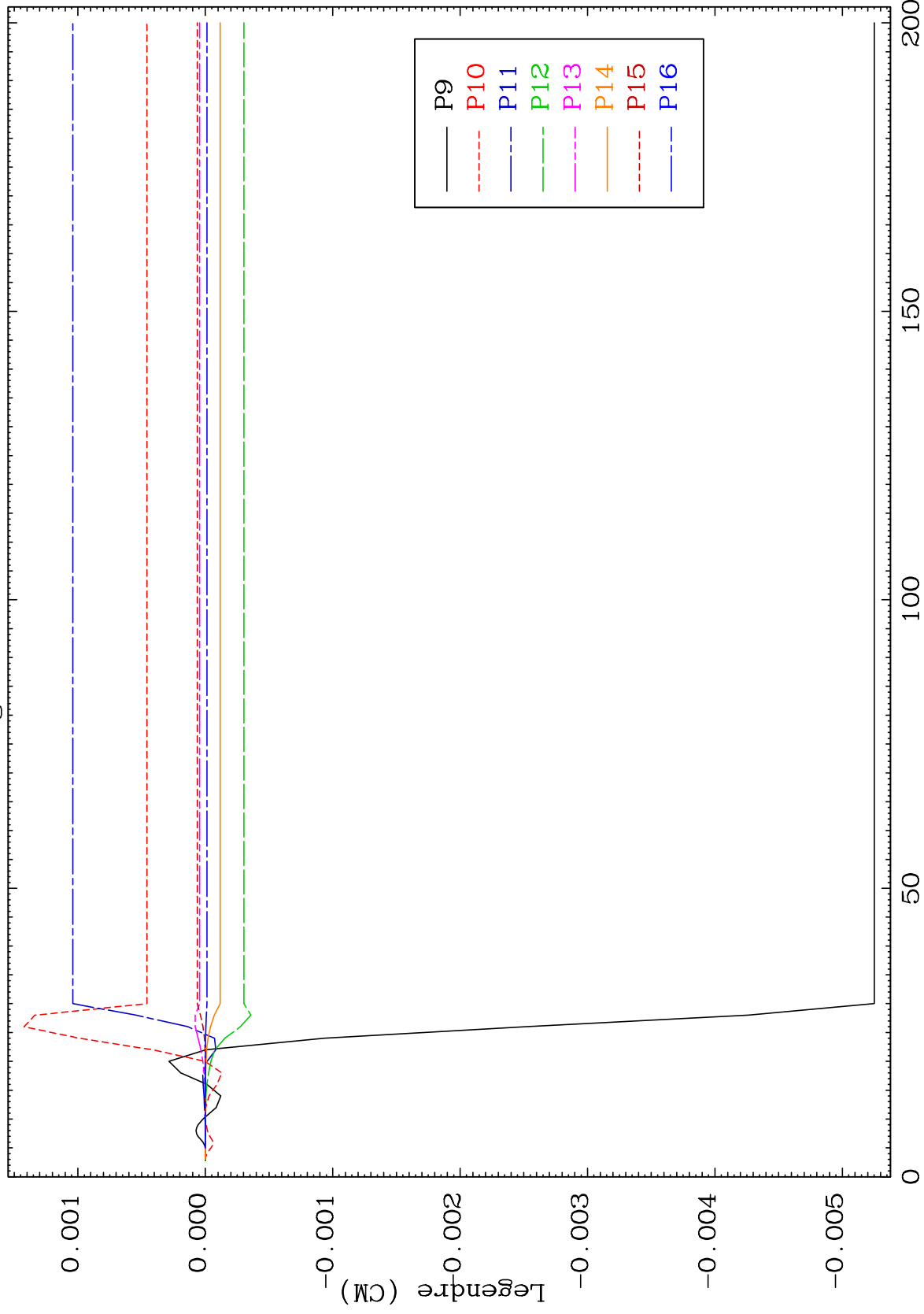
Incident Energy (MeV)

70-Yb-152

MAT 6977

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

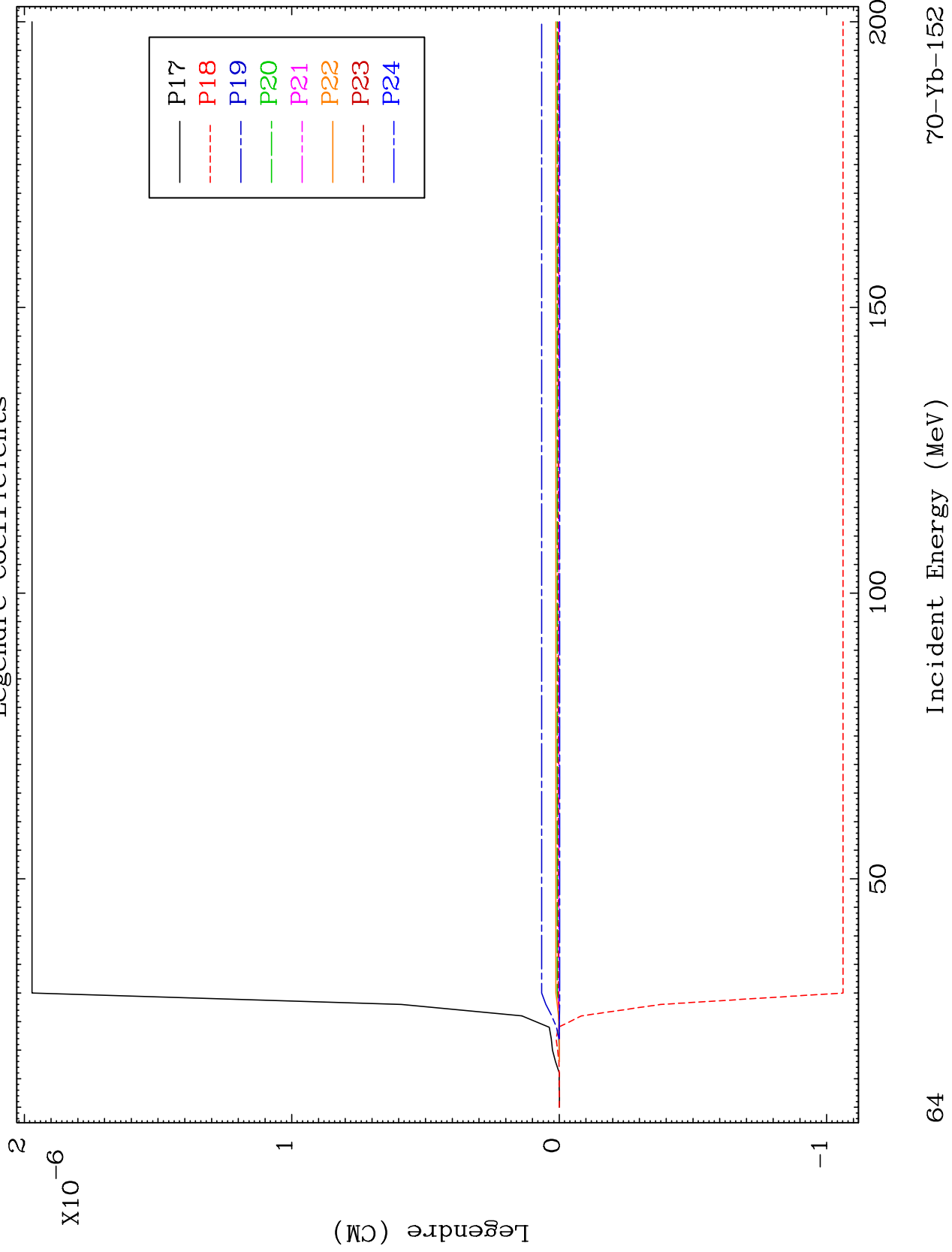
70-Yb-152



MAT 69777

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

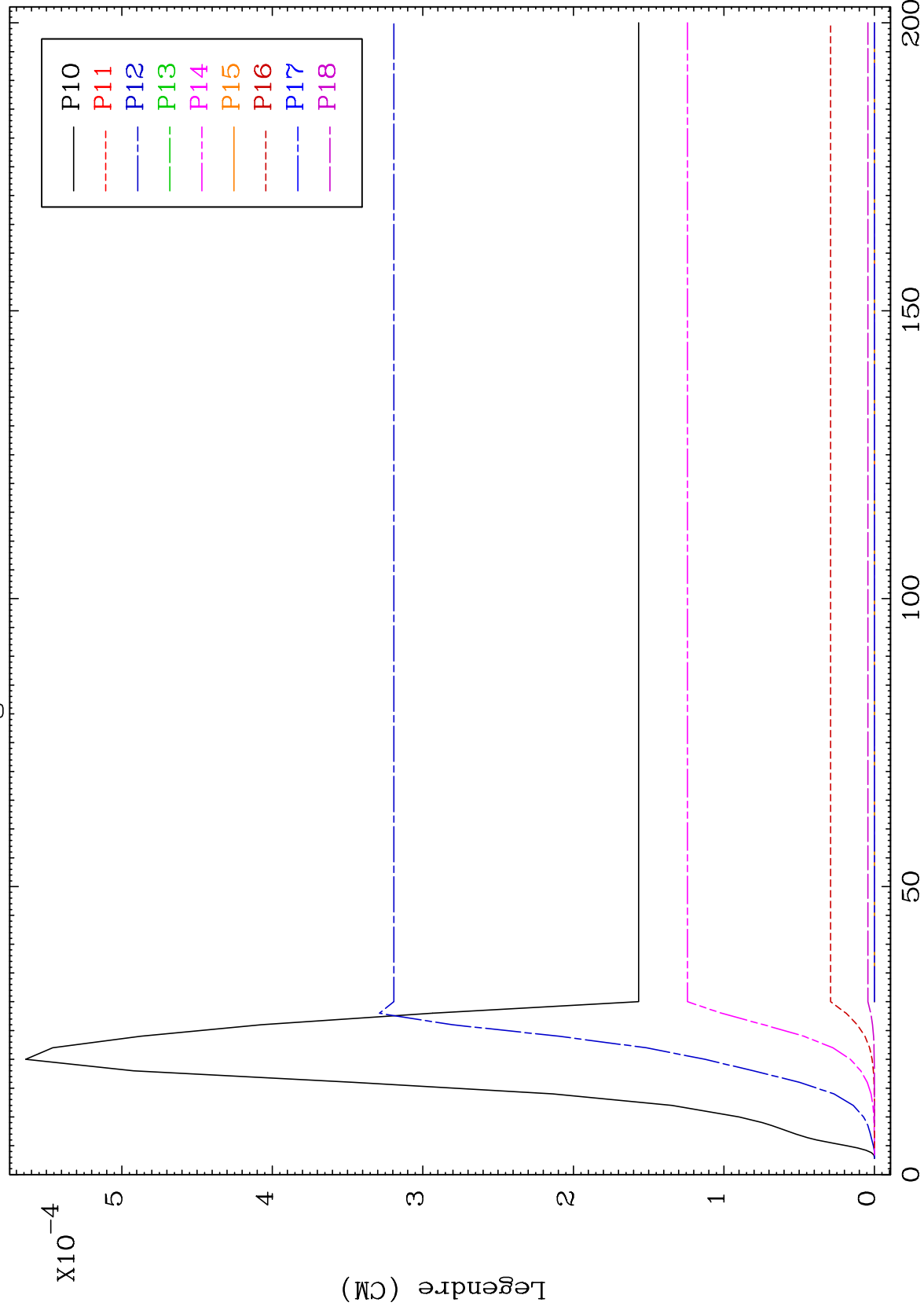
70-Yb-152



MAT 6977

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

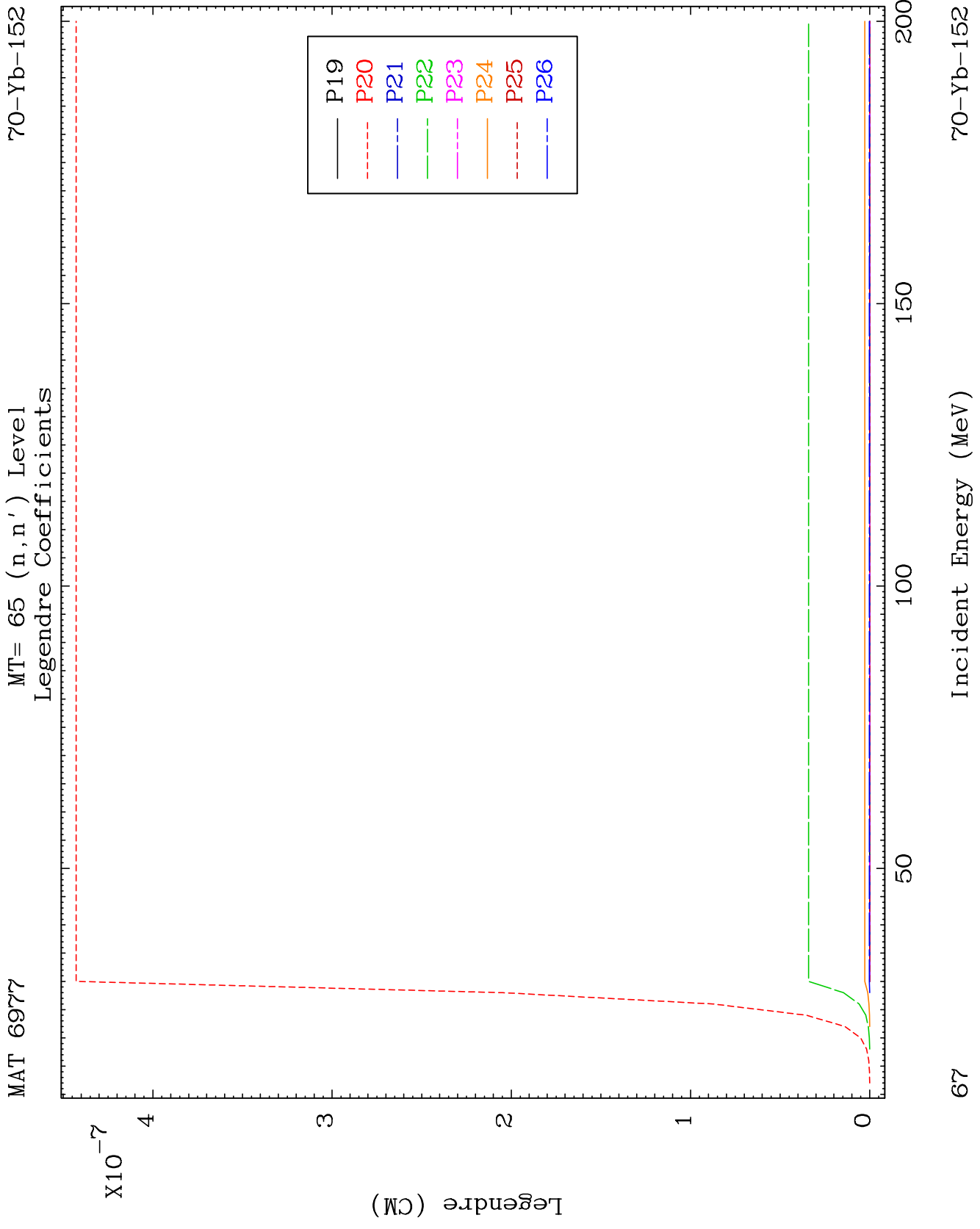
70-Yb-152

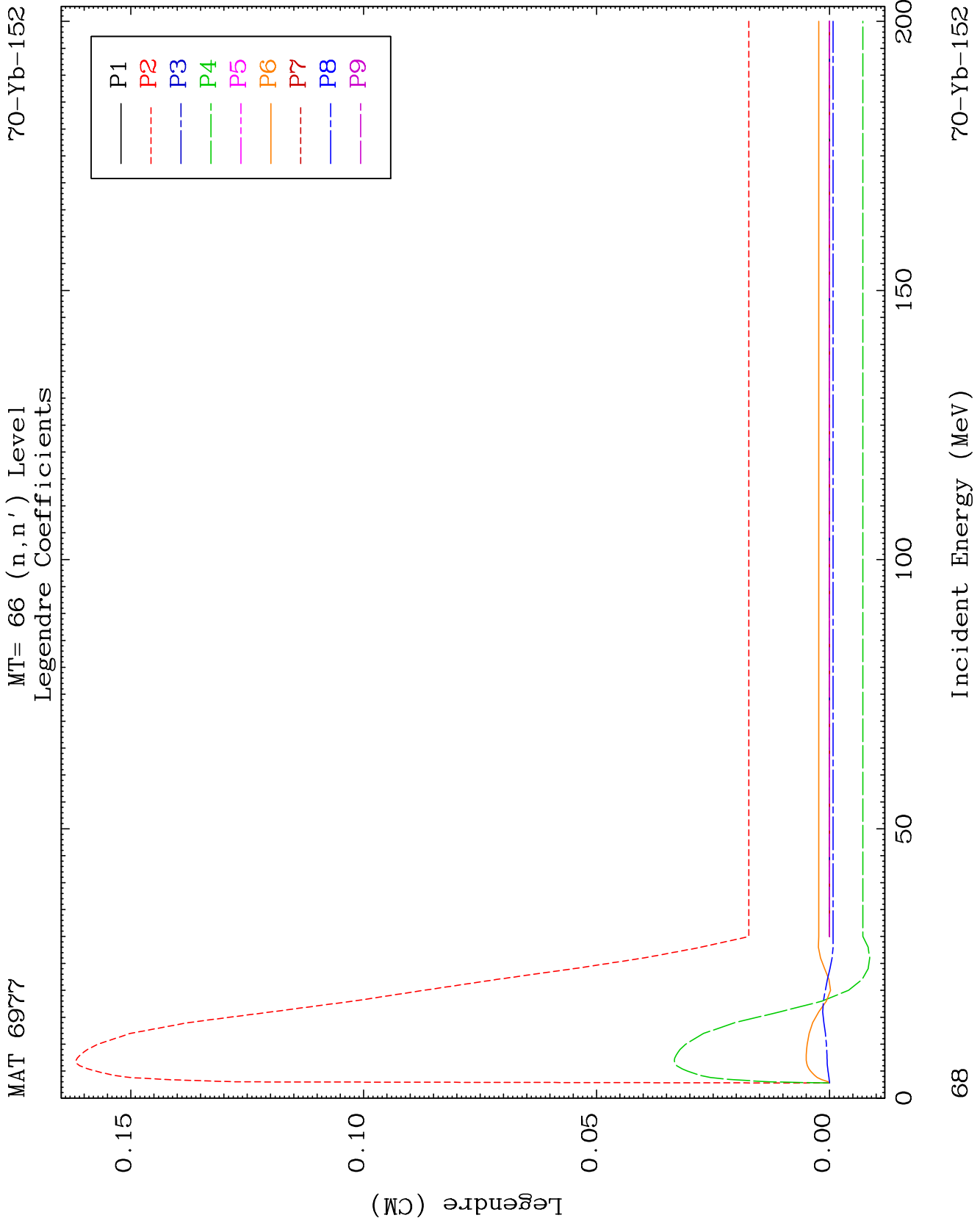


66

Incident Energy (MeV)

70-Yb-152





MAT 6977

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

70-Yb-152

68

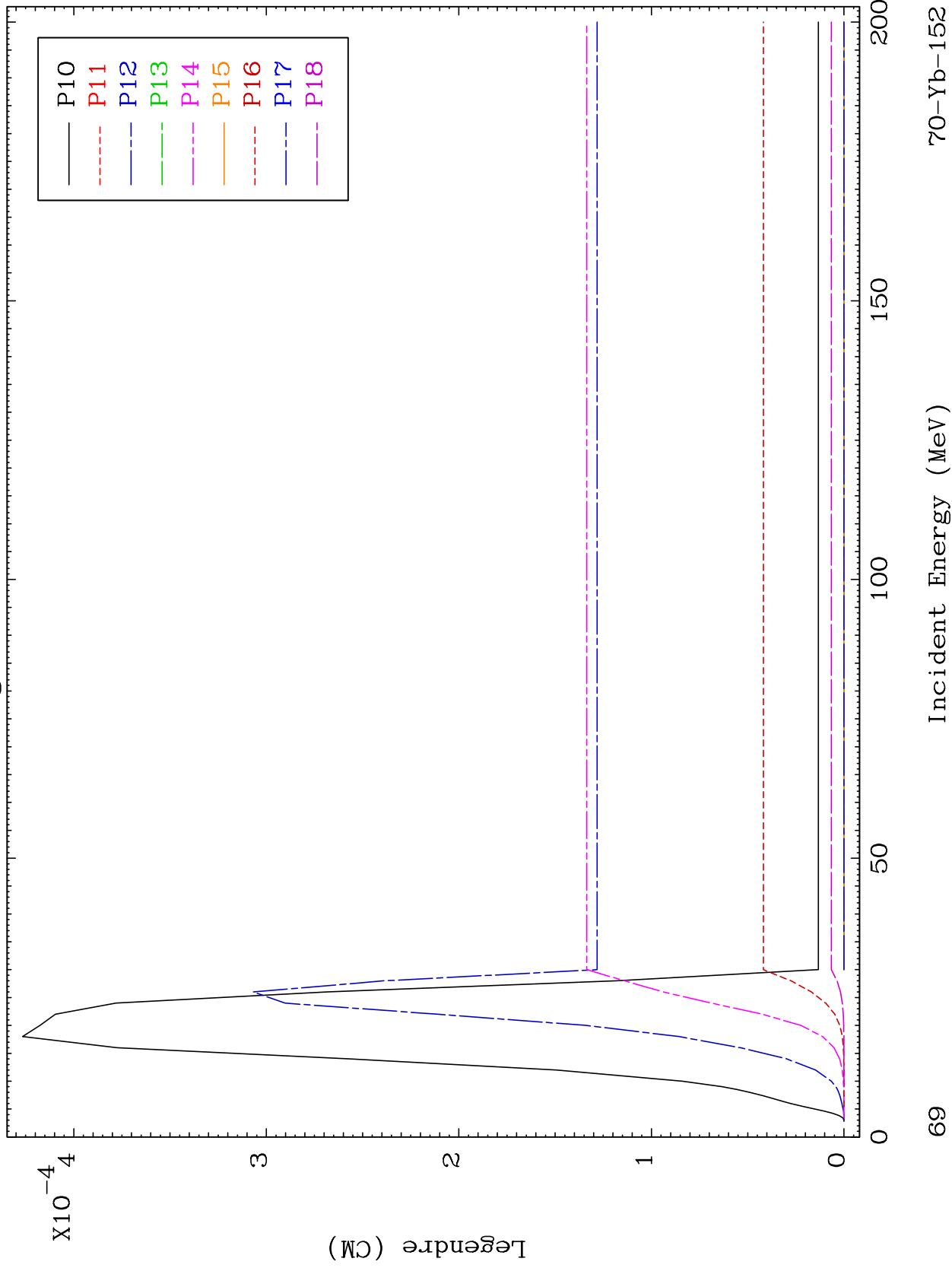
Incident Energy (MeV)

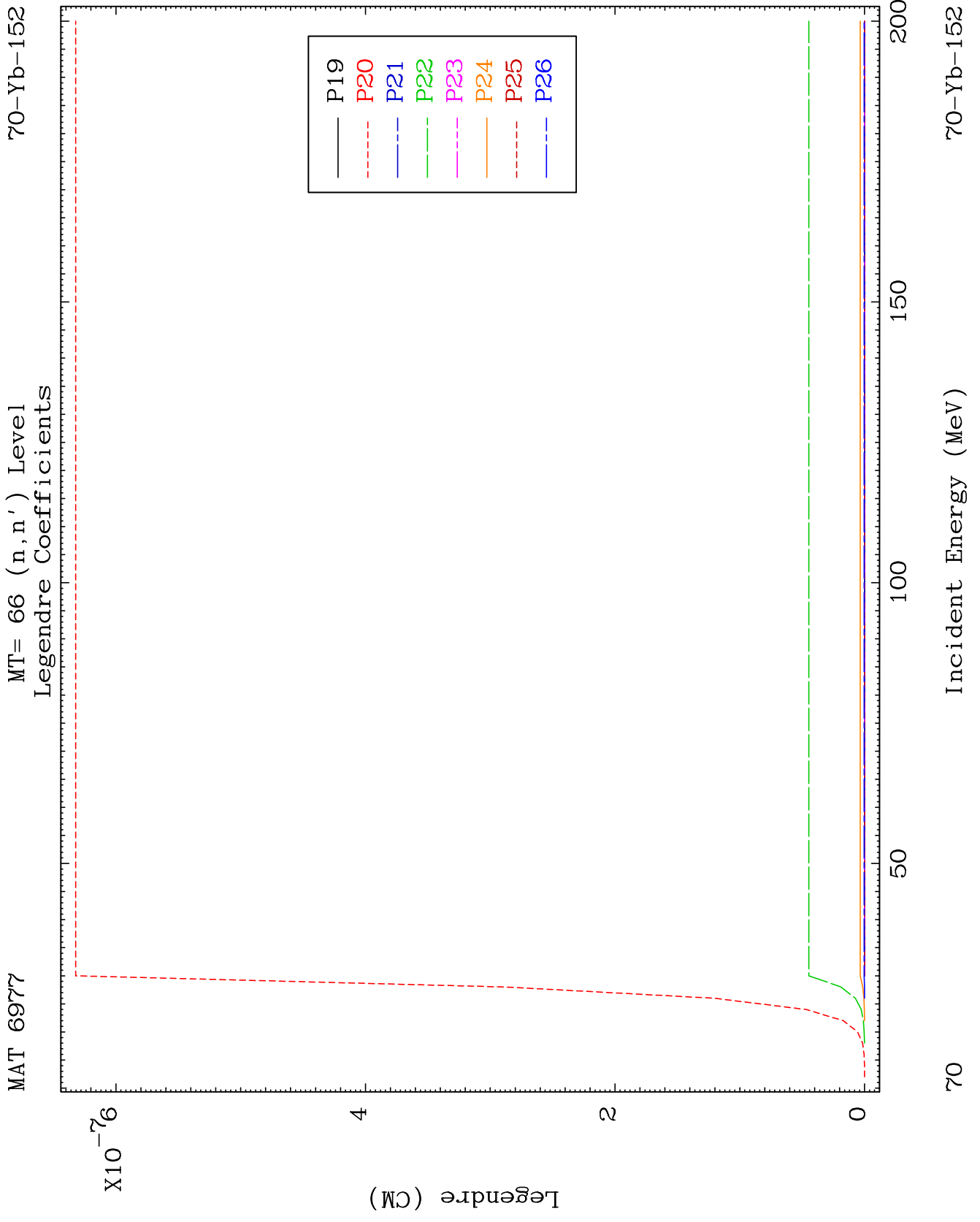
70-Yb-152

MAT 6977

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

70-Yb-152

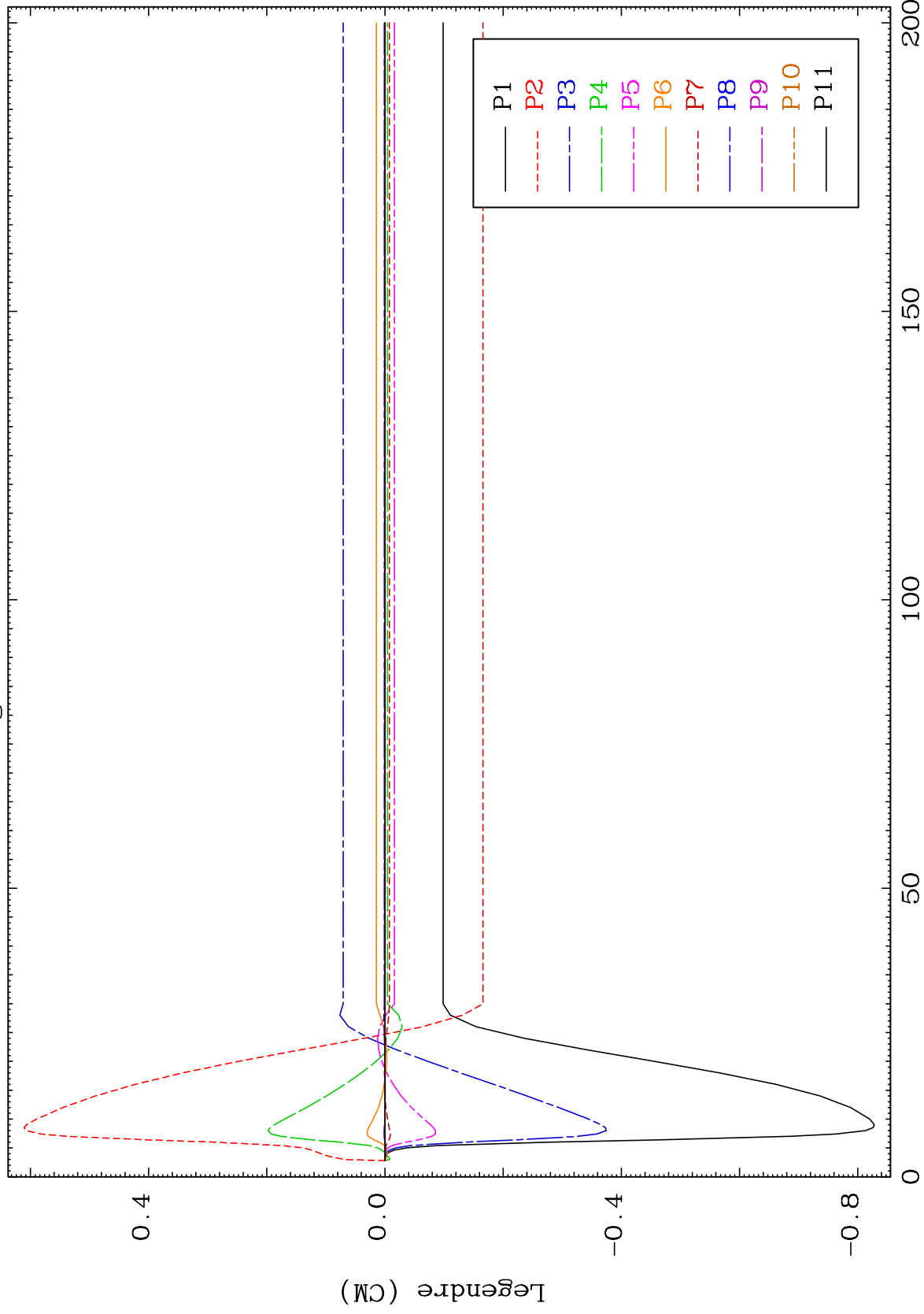




MAT 69777

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

70-Yb-152



71

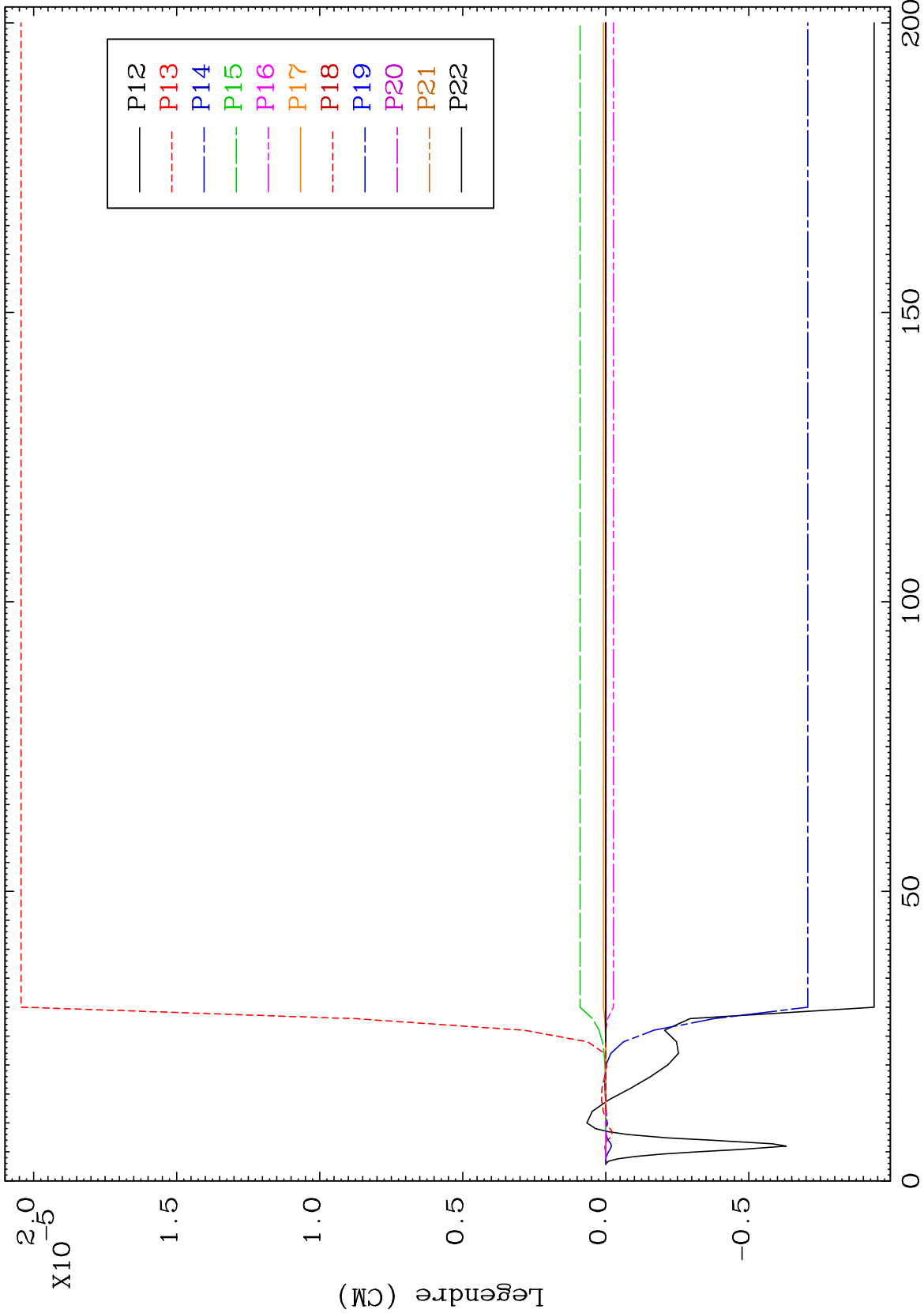
Incident Energy (MeV)

70-Yb-152

MAT 6977

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

70-Yb-152



72

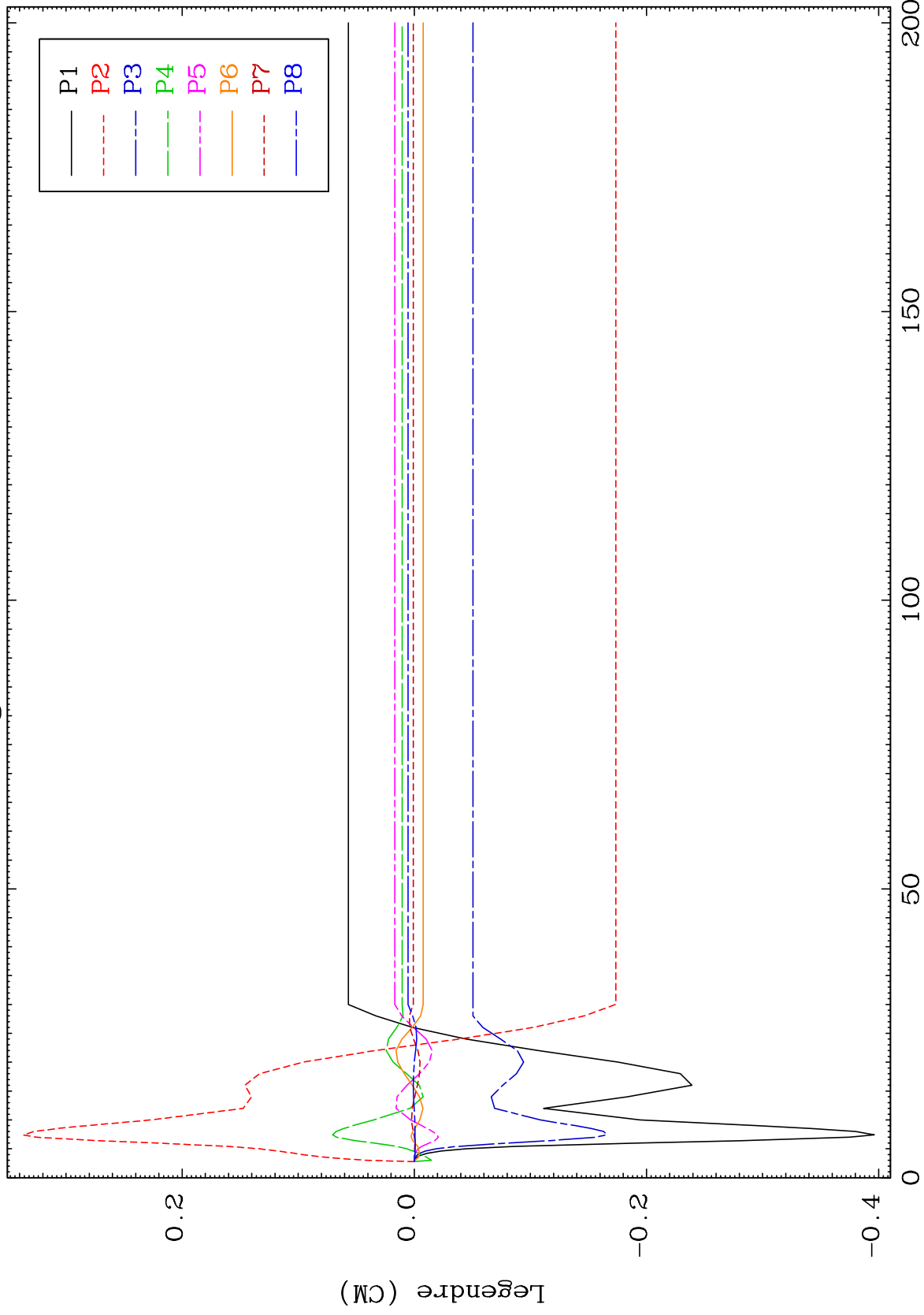
Incident Energy (MeV)

70-Yb-152

MAT 6977

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

70-Yb-152



73

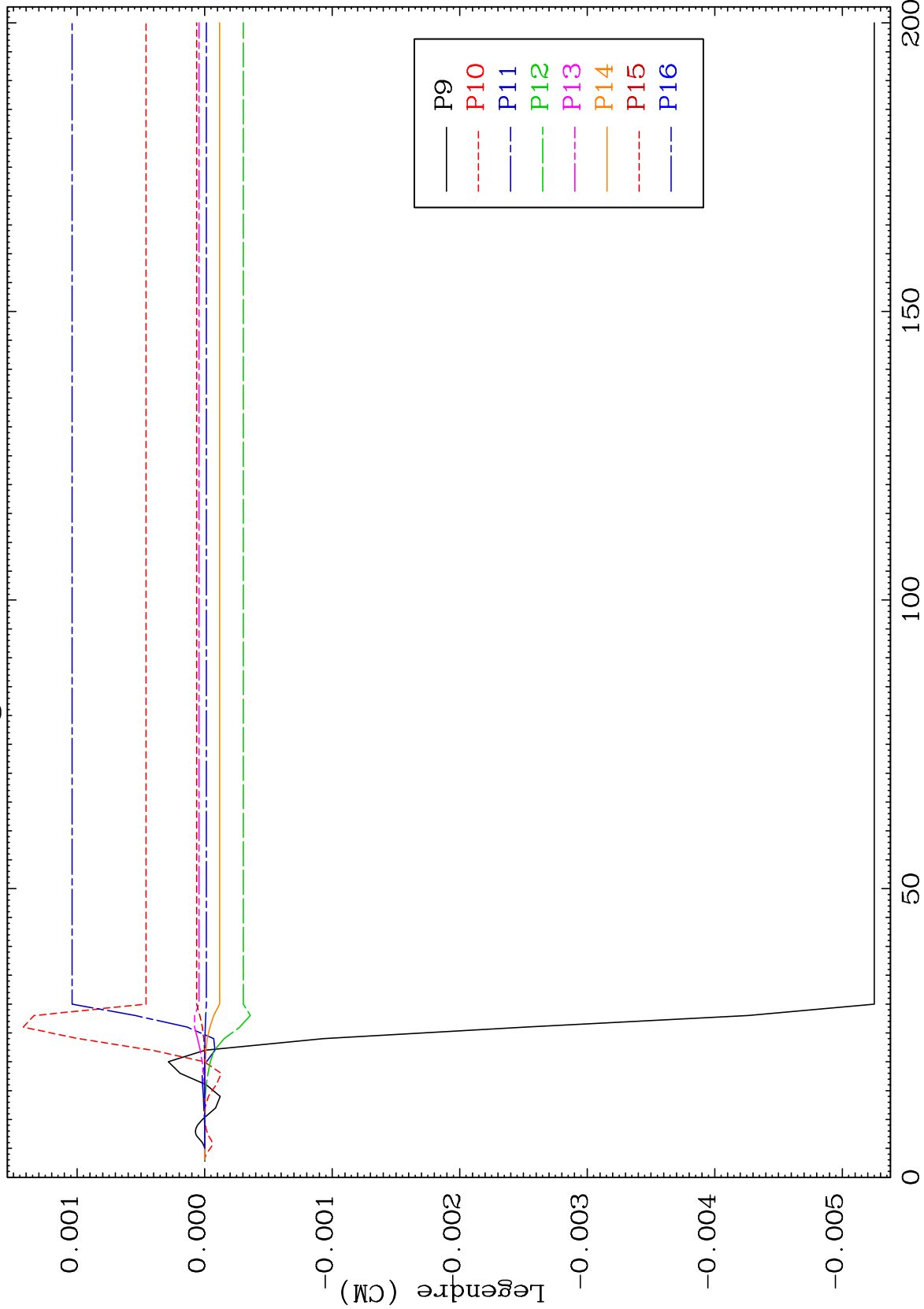
Incident Energy (MeV)

70-Yb-152

MAT 6977

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

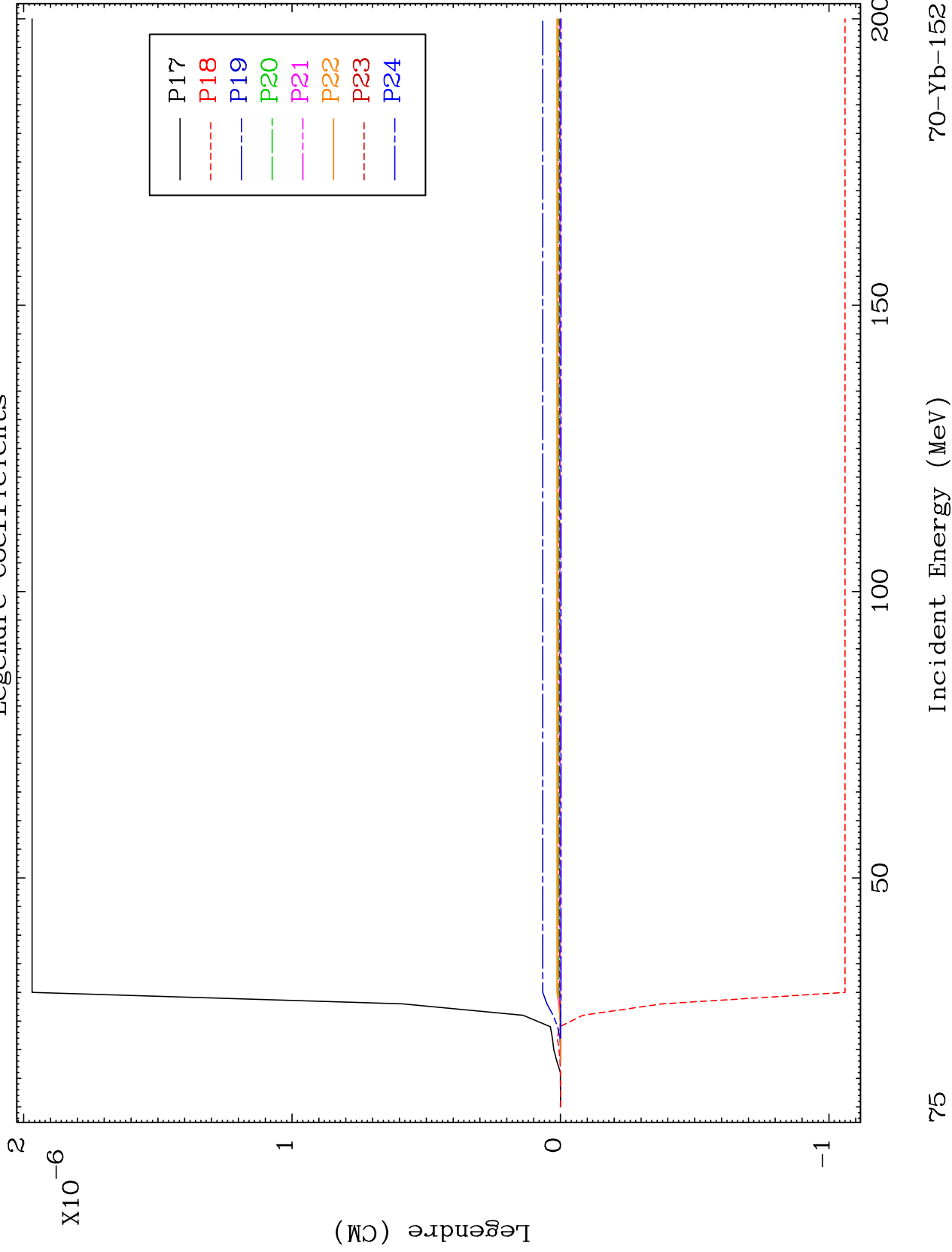
70-Yb-152



MAT 6977

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

70-Yb-152



75

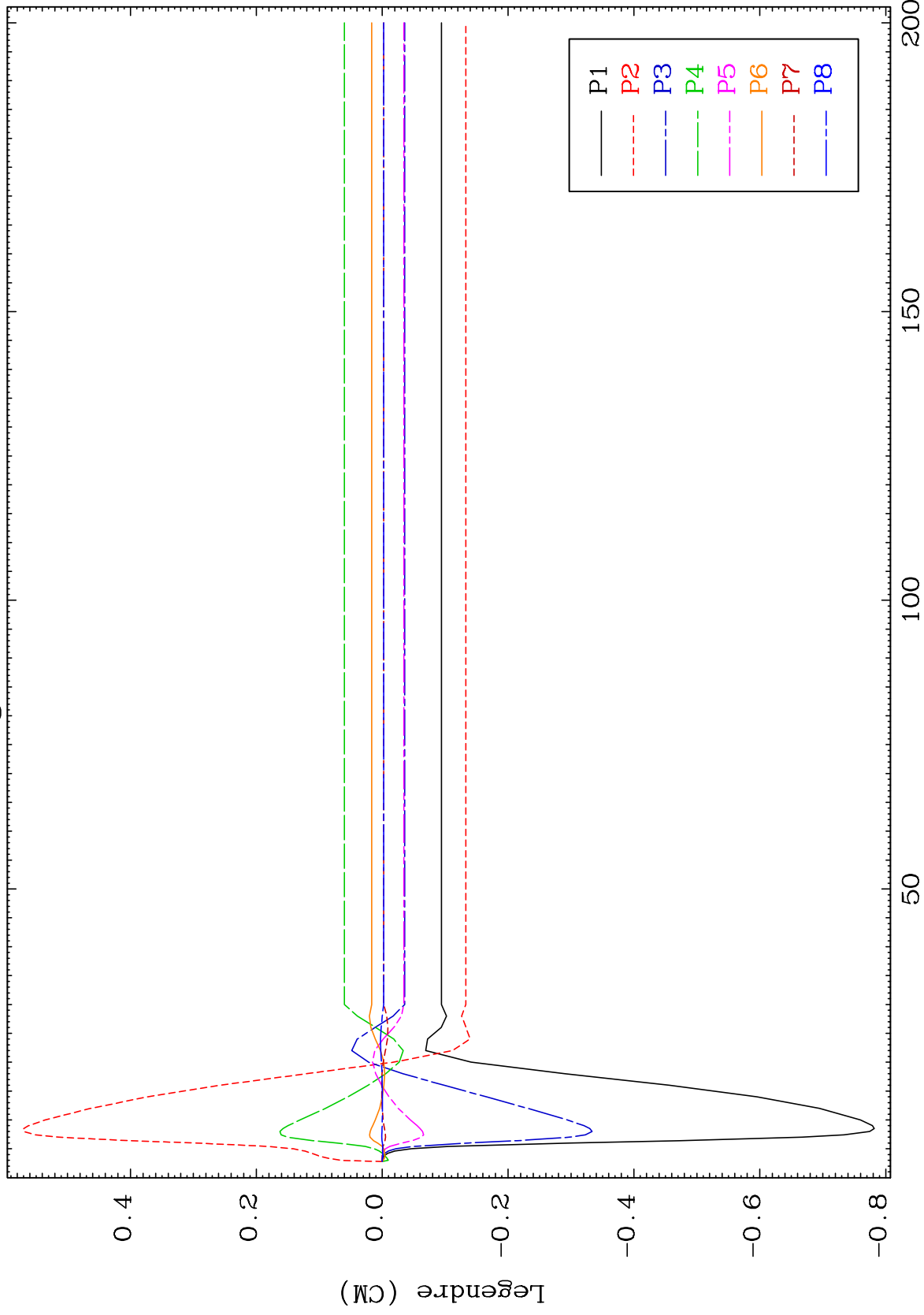
Incident Energy (MeV)

70-Yb-152

MAT 69777

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

70-Yb-152



76

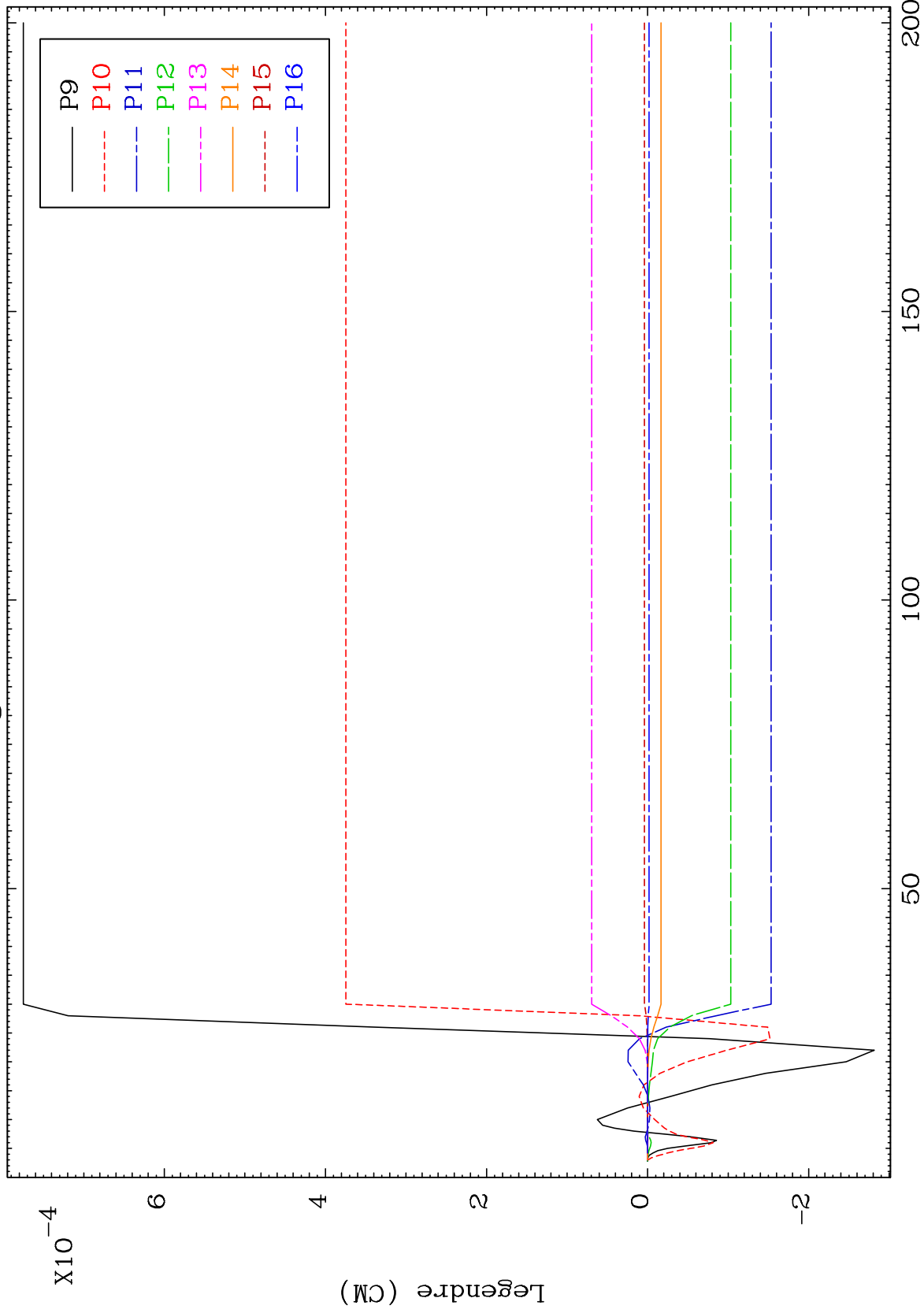
Incident Energy (MeV)

70-Yb-152

MAT 6977

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

70-Yb-152



77

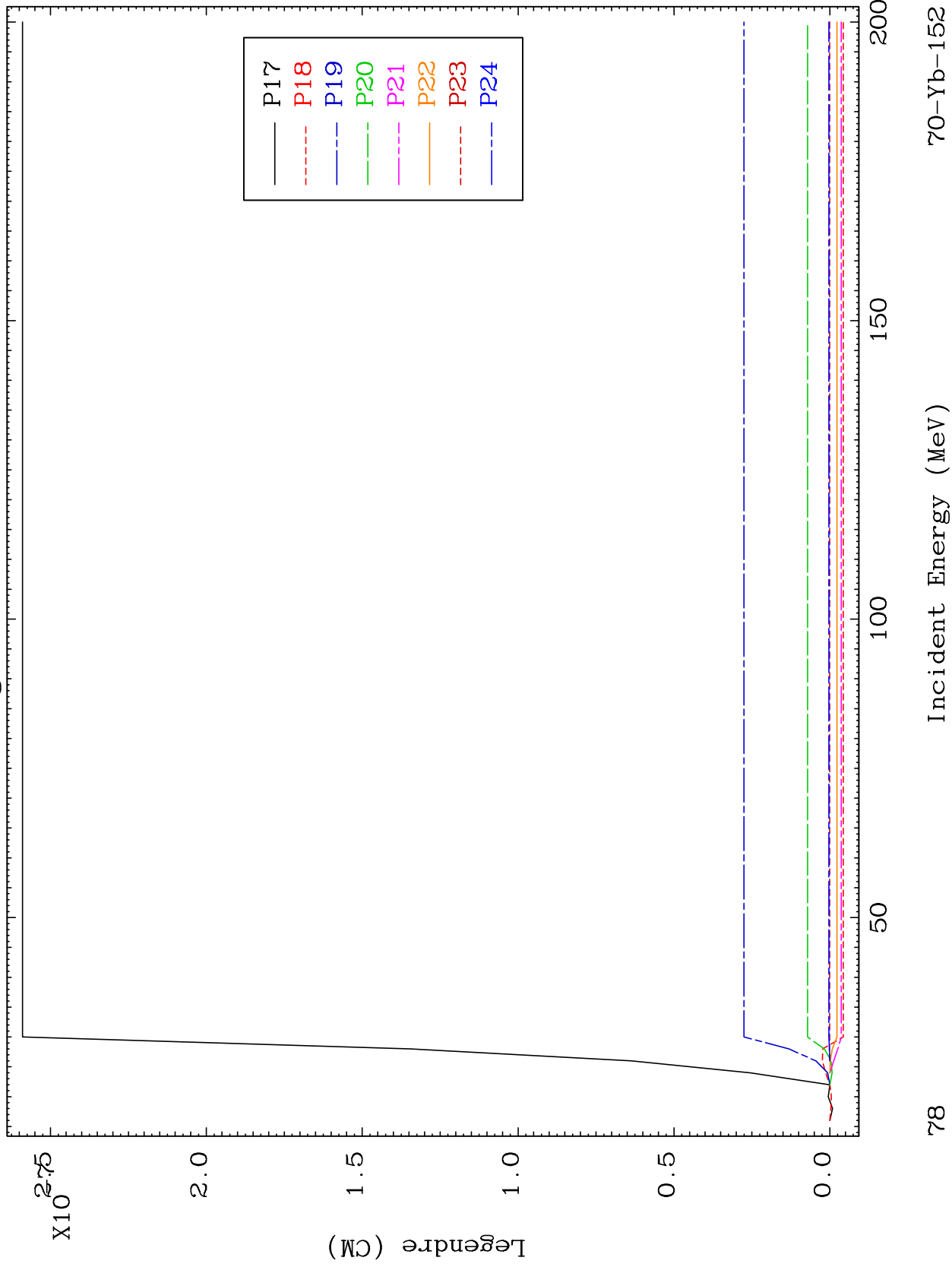
Incident Energy (MeV)

70-Yb-152

MAT 6977

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

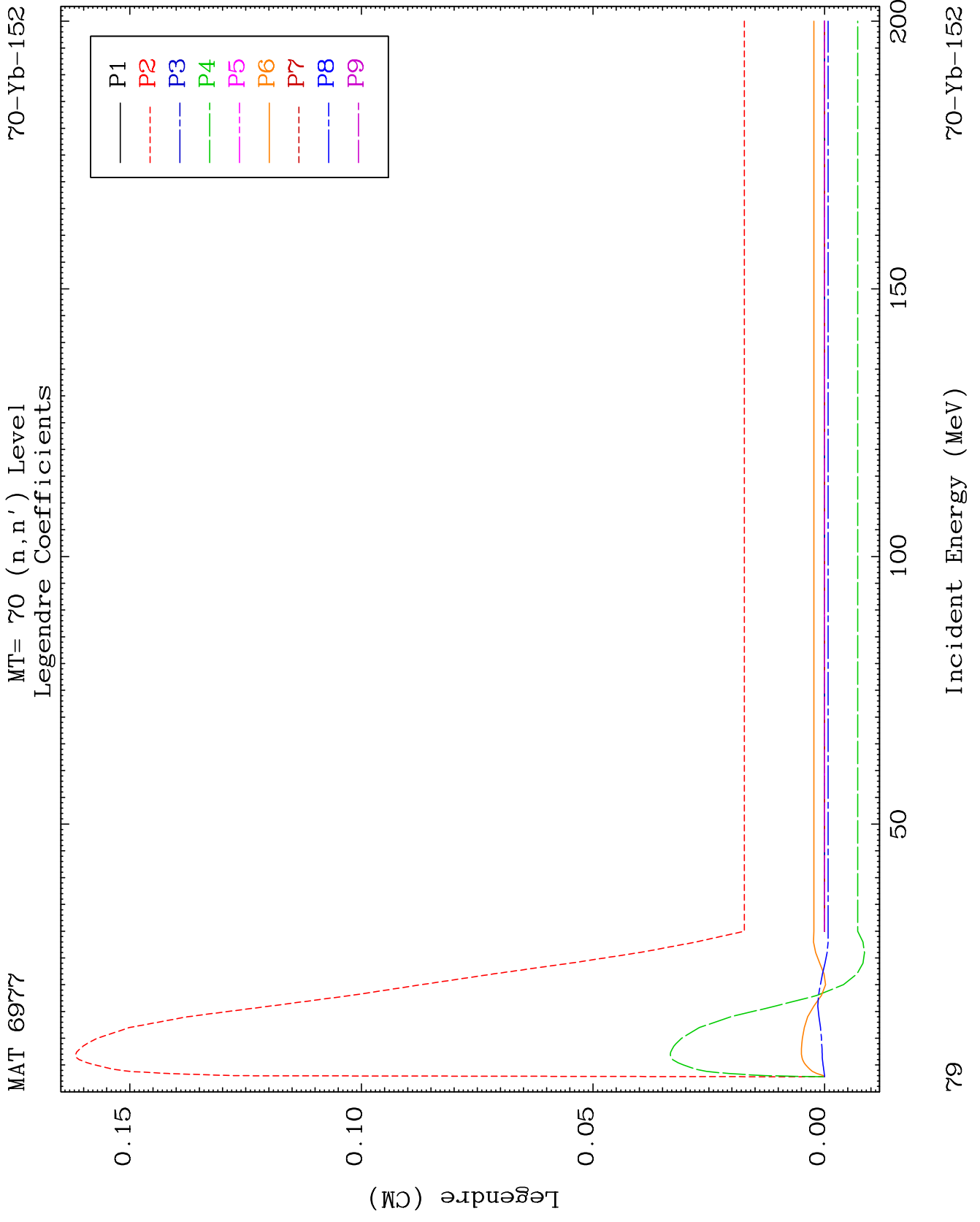
70-Yb-152



78

Incident Energy (MeV)

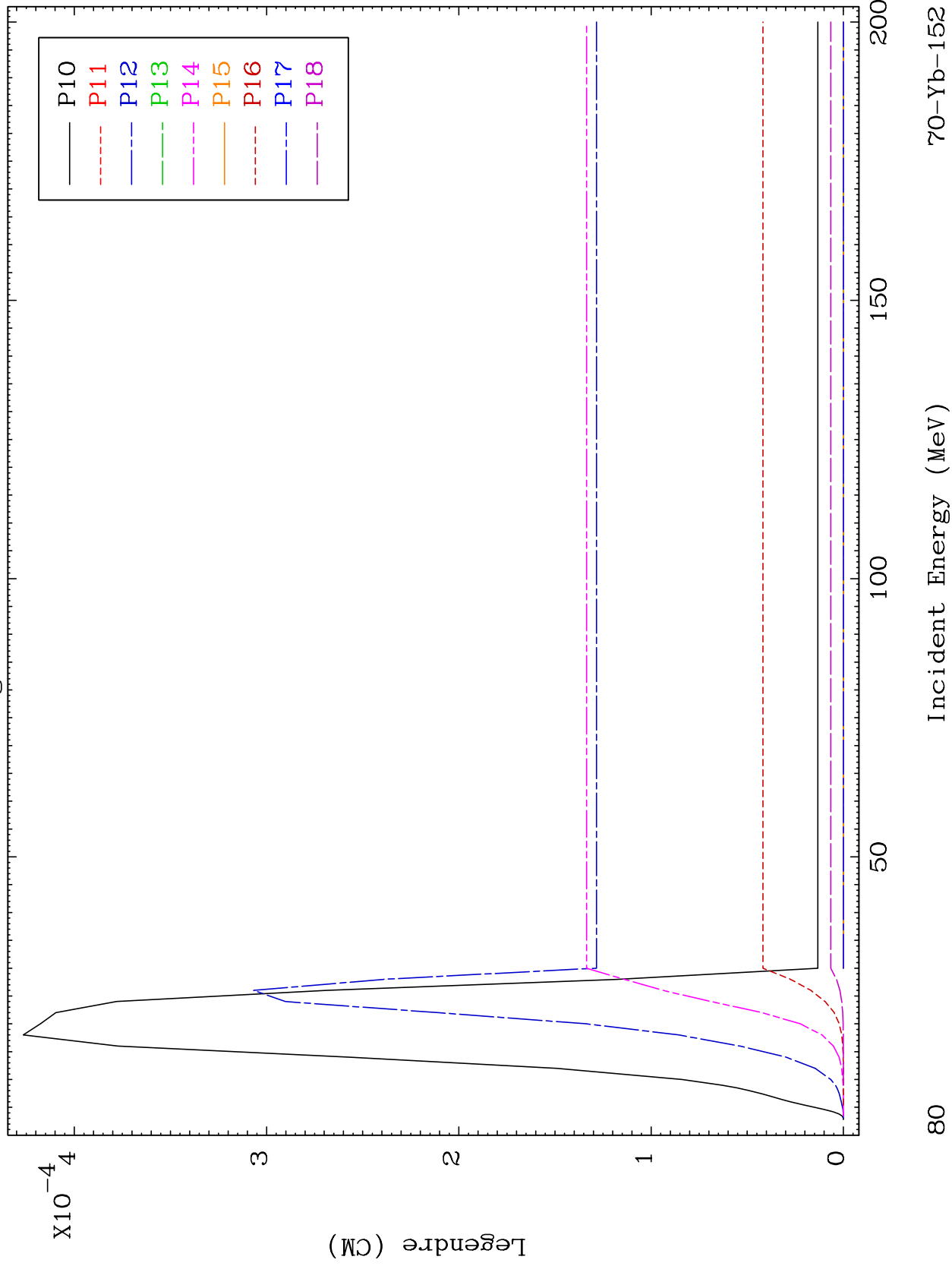
70-Yb-152

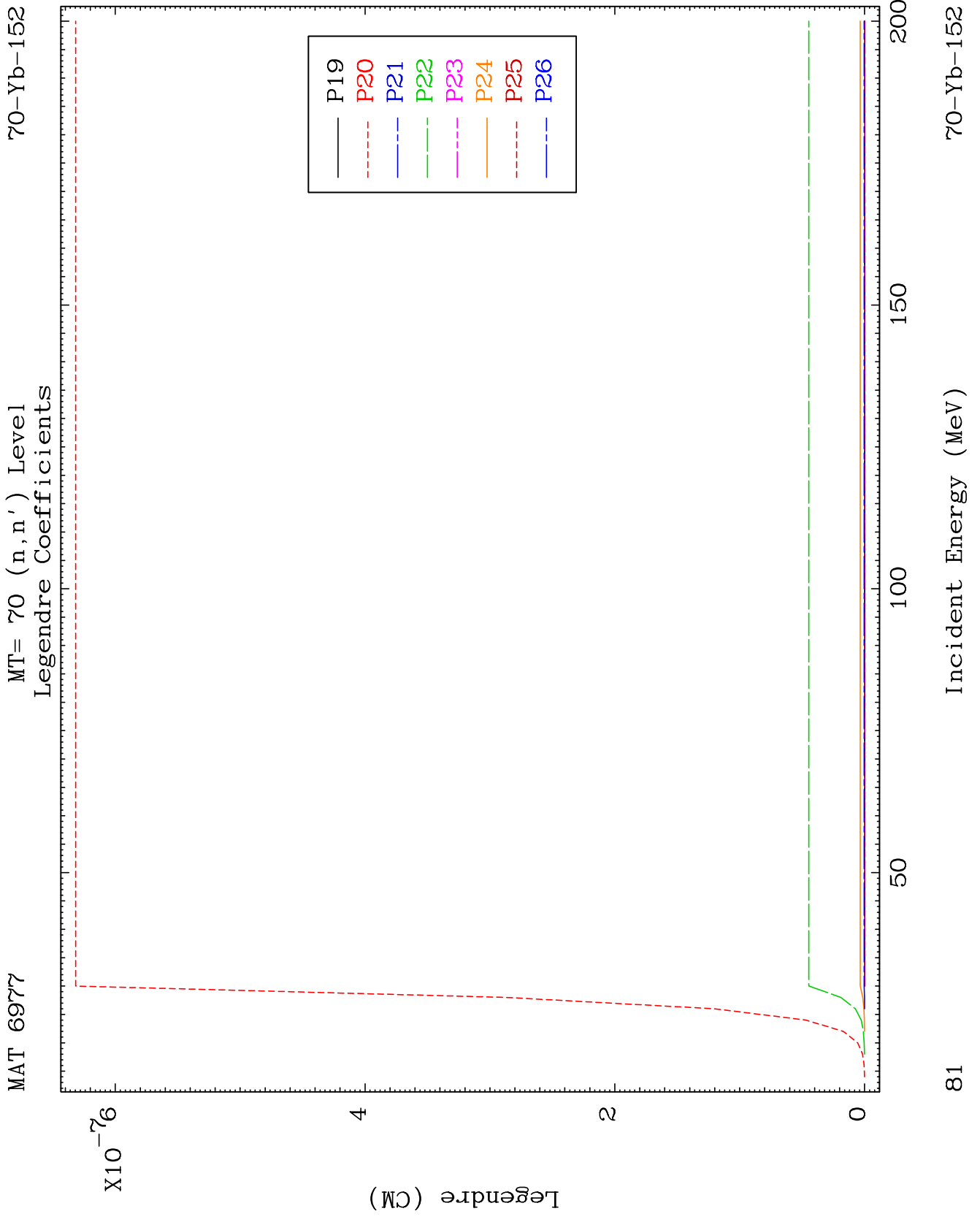


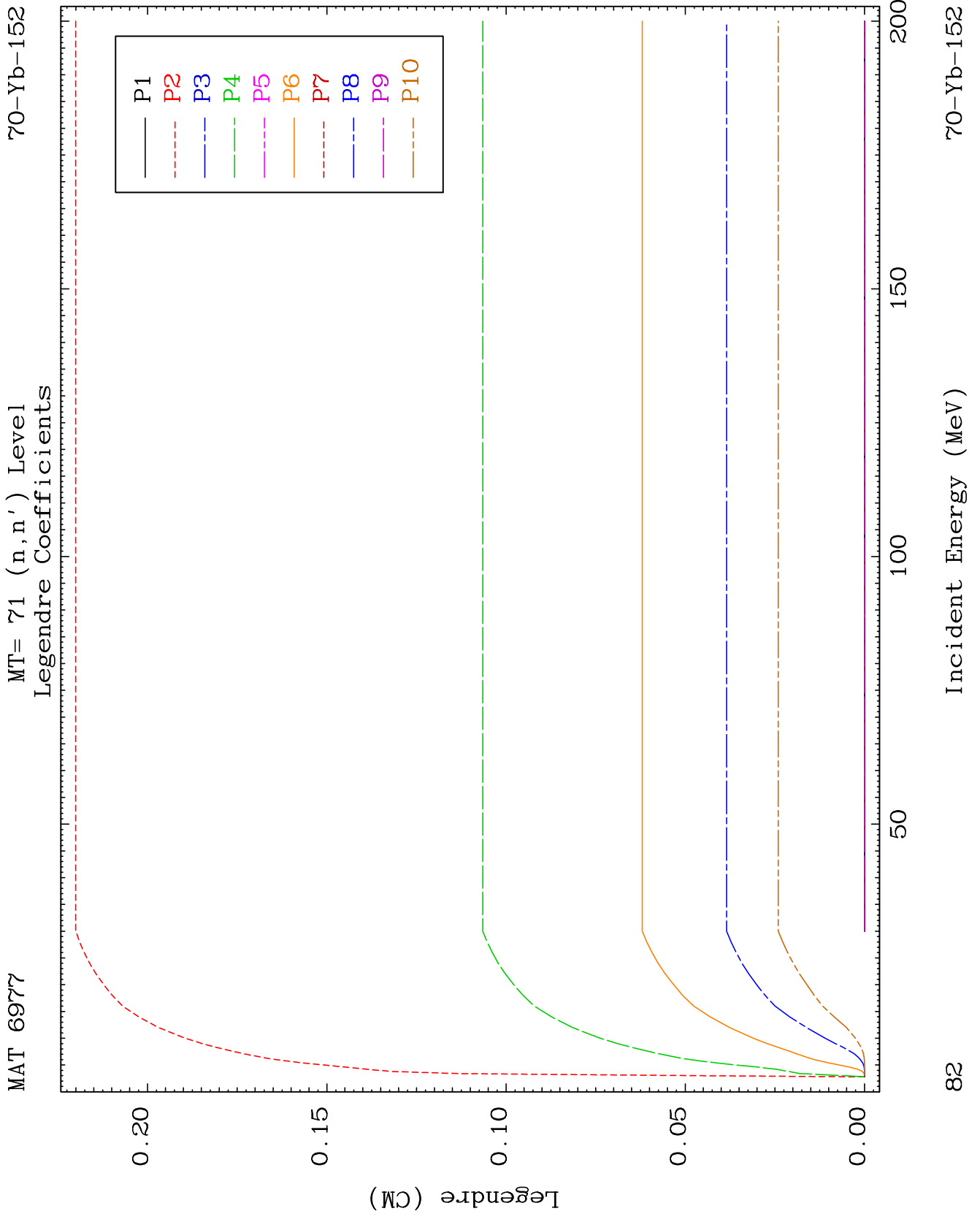
MAT 6977

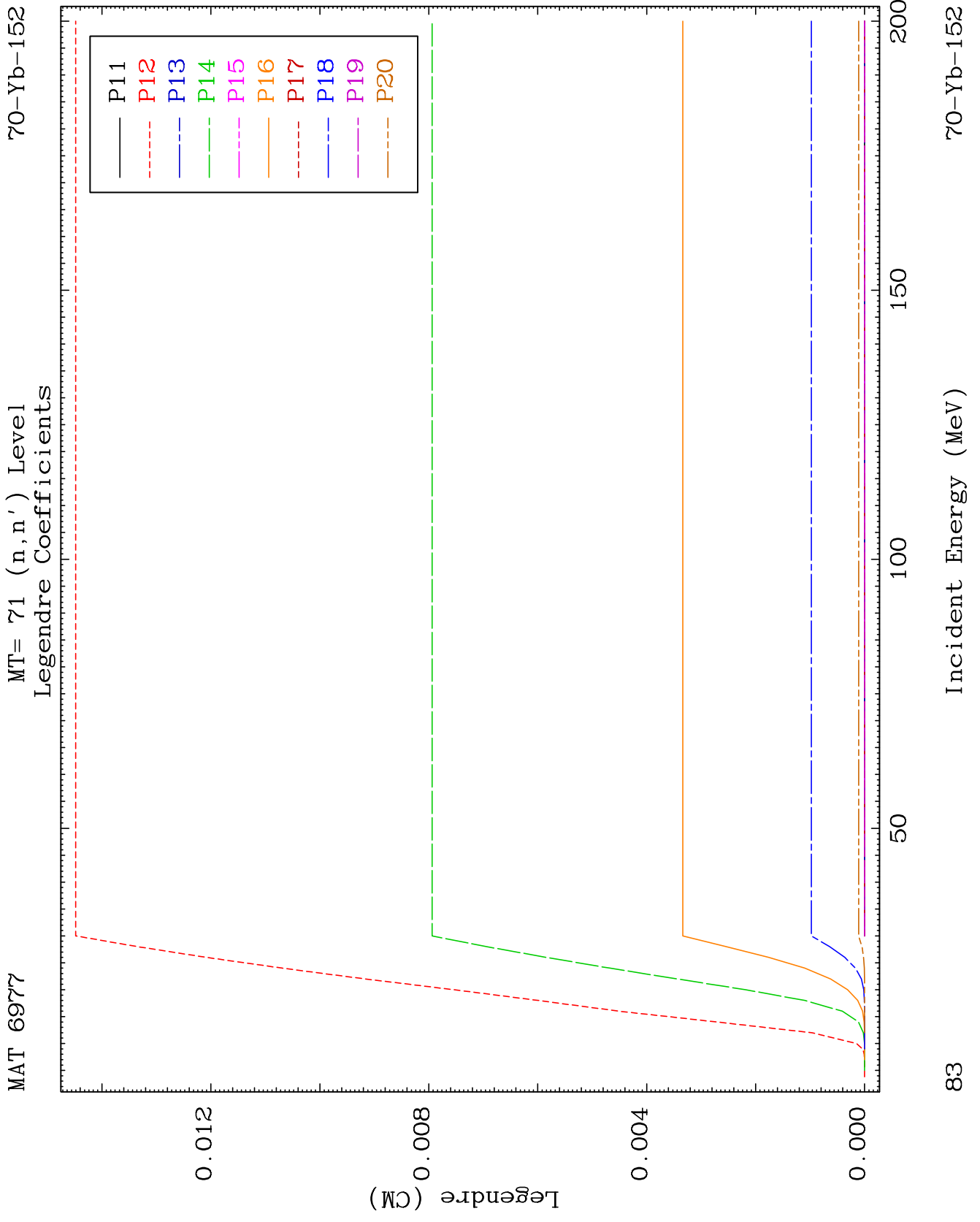
MT= 70 (n,n') Level
Legendre Coefficients

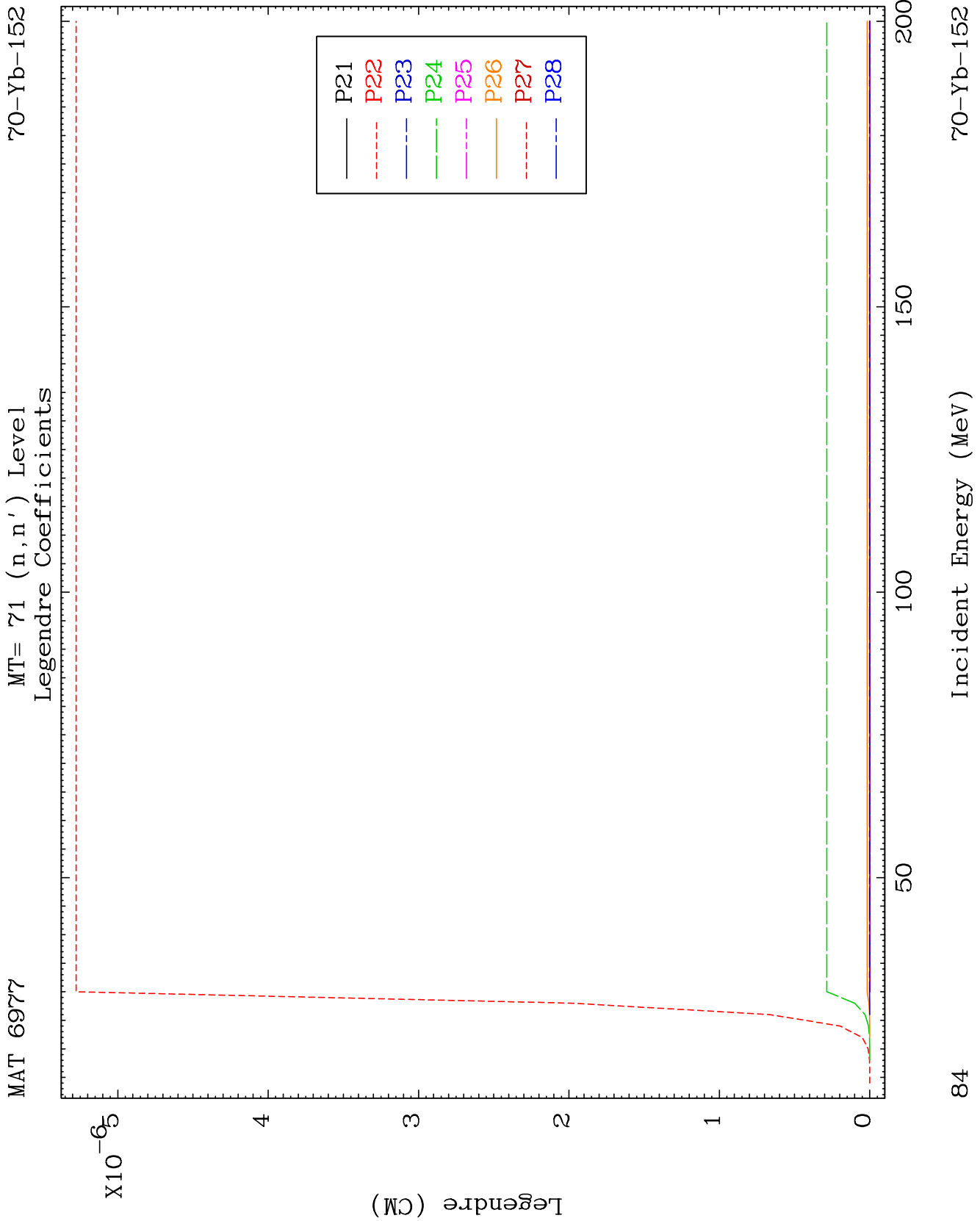
70-Yb-152







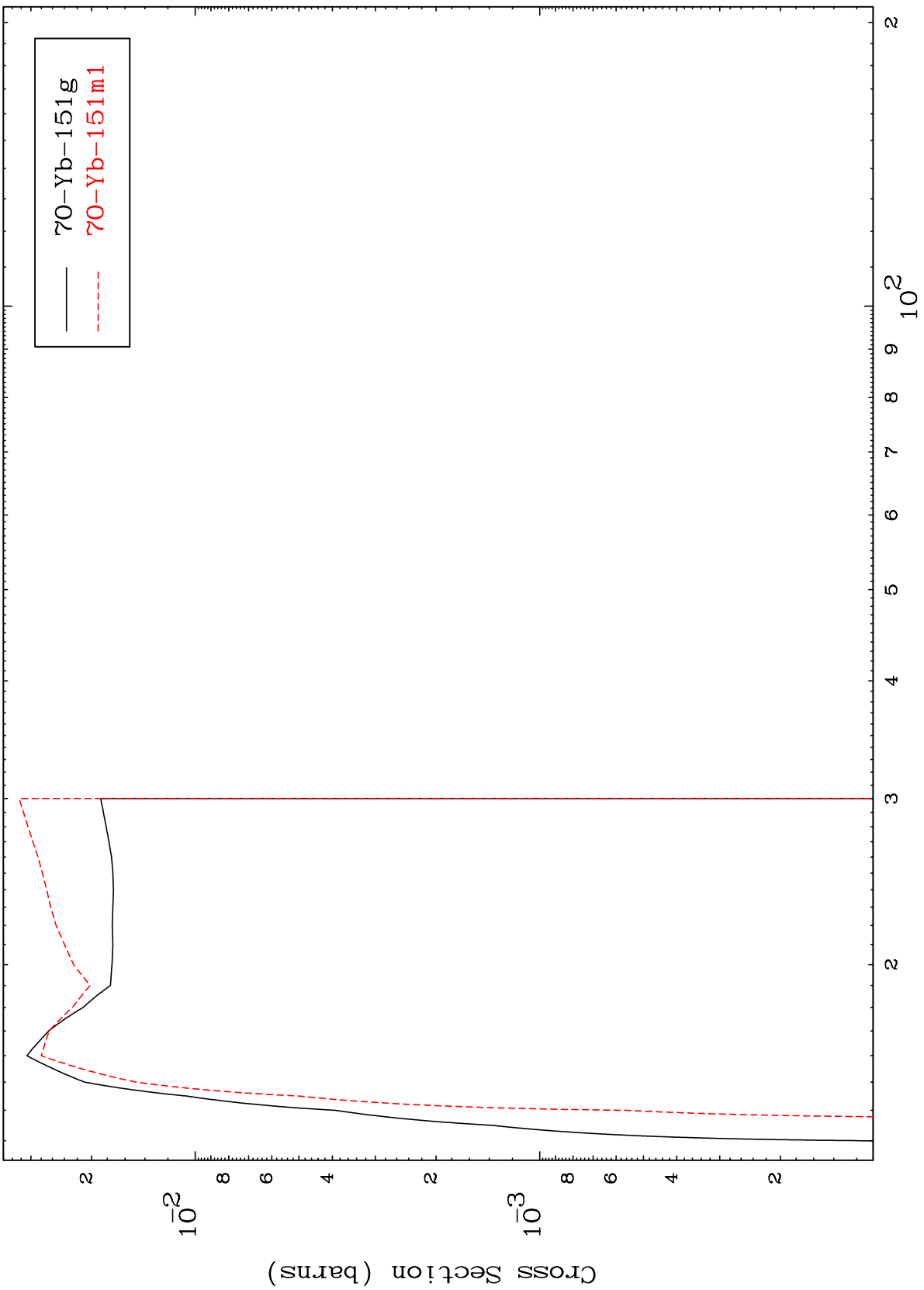




MAT 6977

70-Yb-152

(n,2n)
Radionuclide Production Cross Section



85

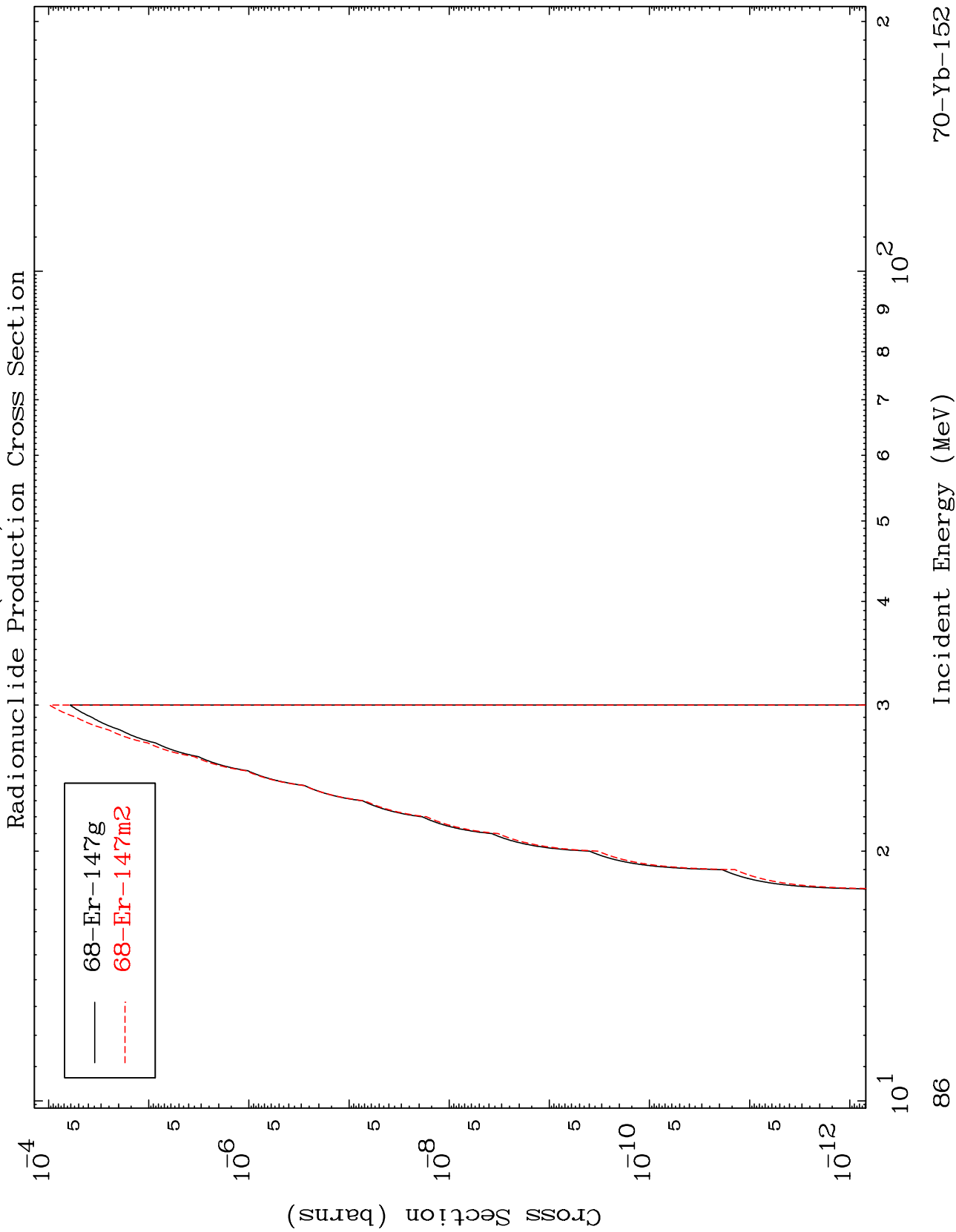
70-Yb-152

Incident Energy (MeV)

MAT 6977

(n,2n) α

70-Yb-152

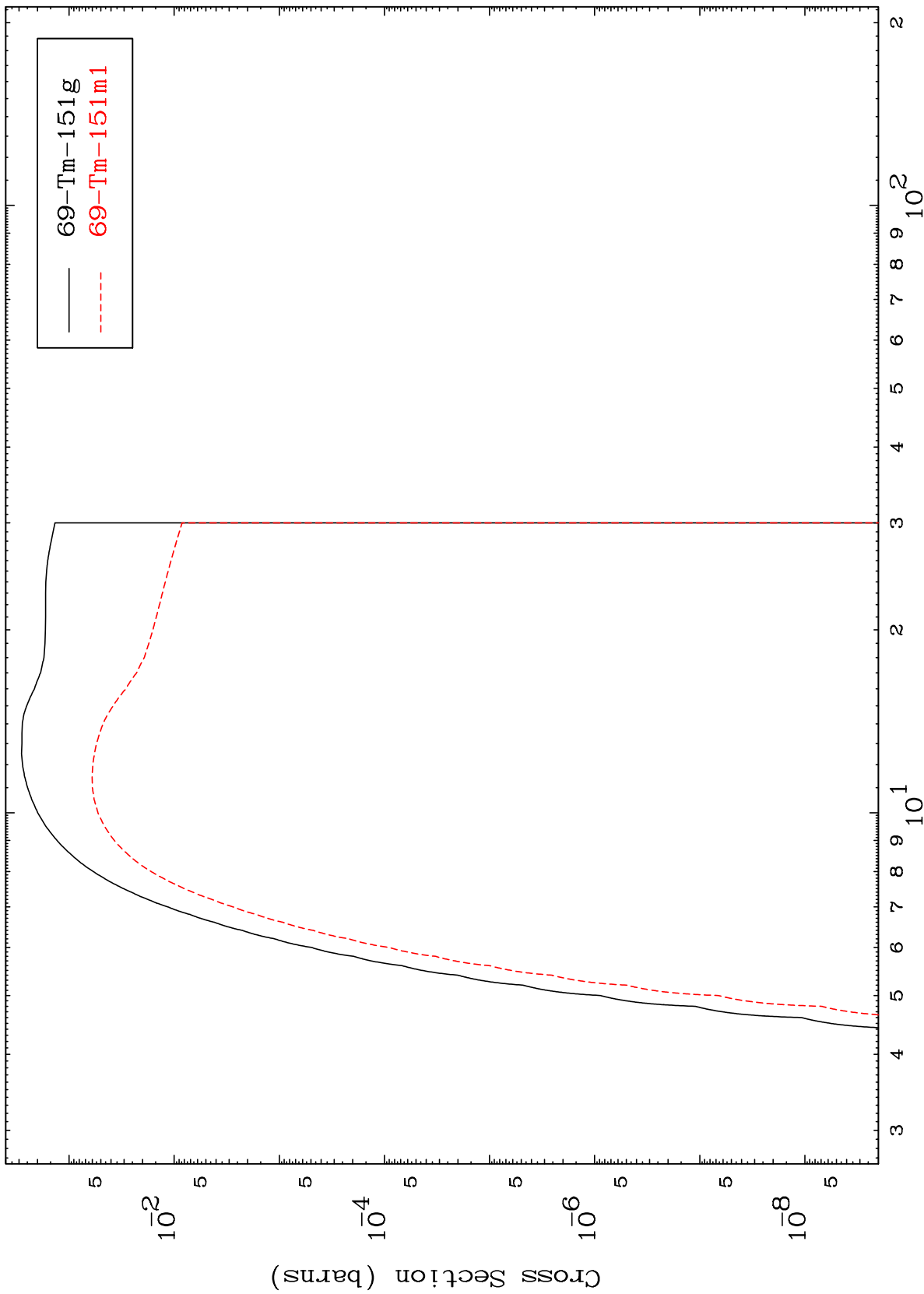


MAT 6977

(n,n') p

70-Yb-152

Radionuclide Production Cross Section



87

Incident Energy (MeV)

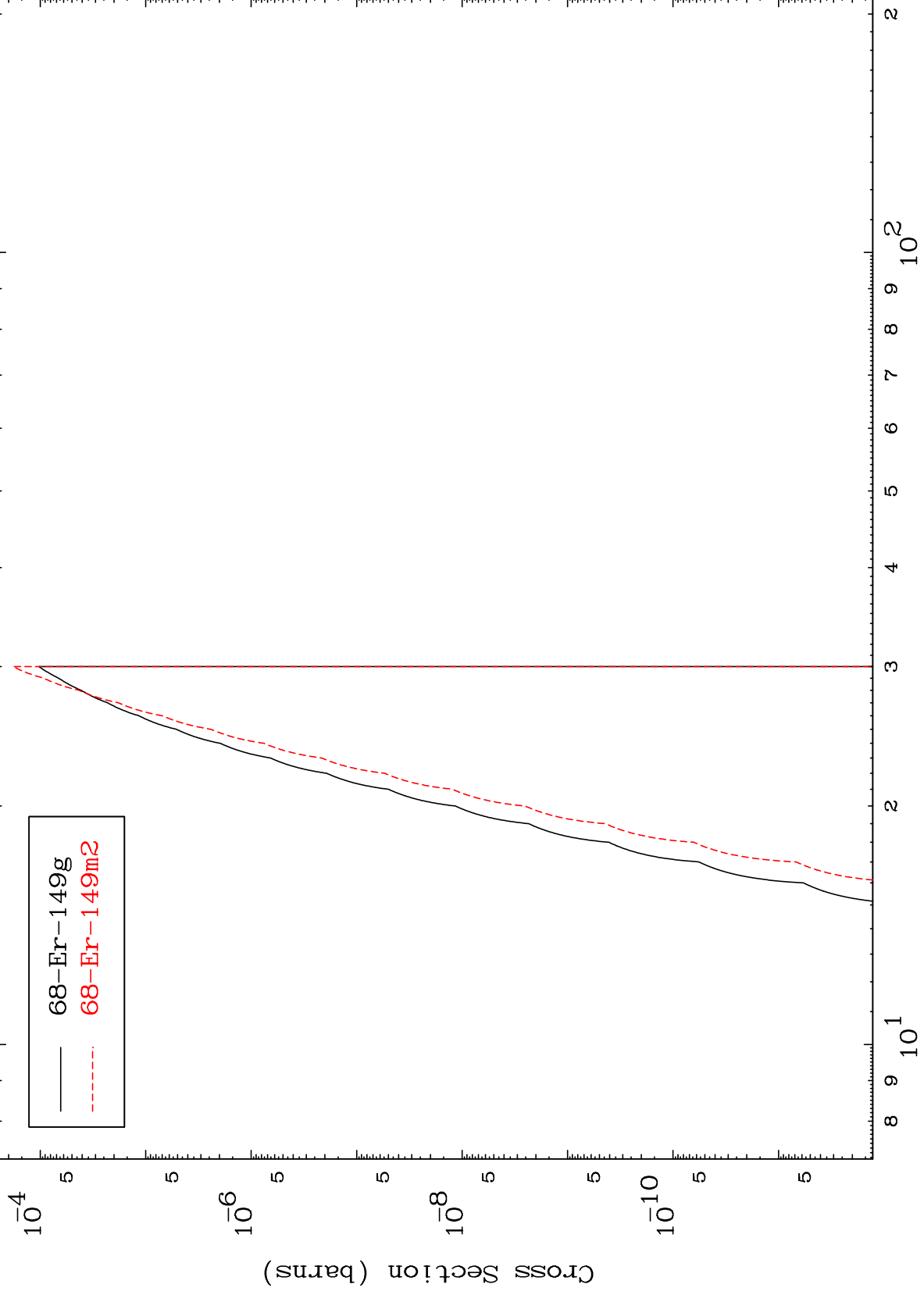
70-Yb-152

MAT 6977

(n,n') He-3

70-Yb-152

Radionuclide Production Cross Section

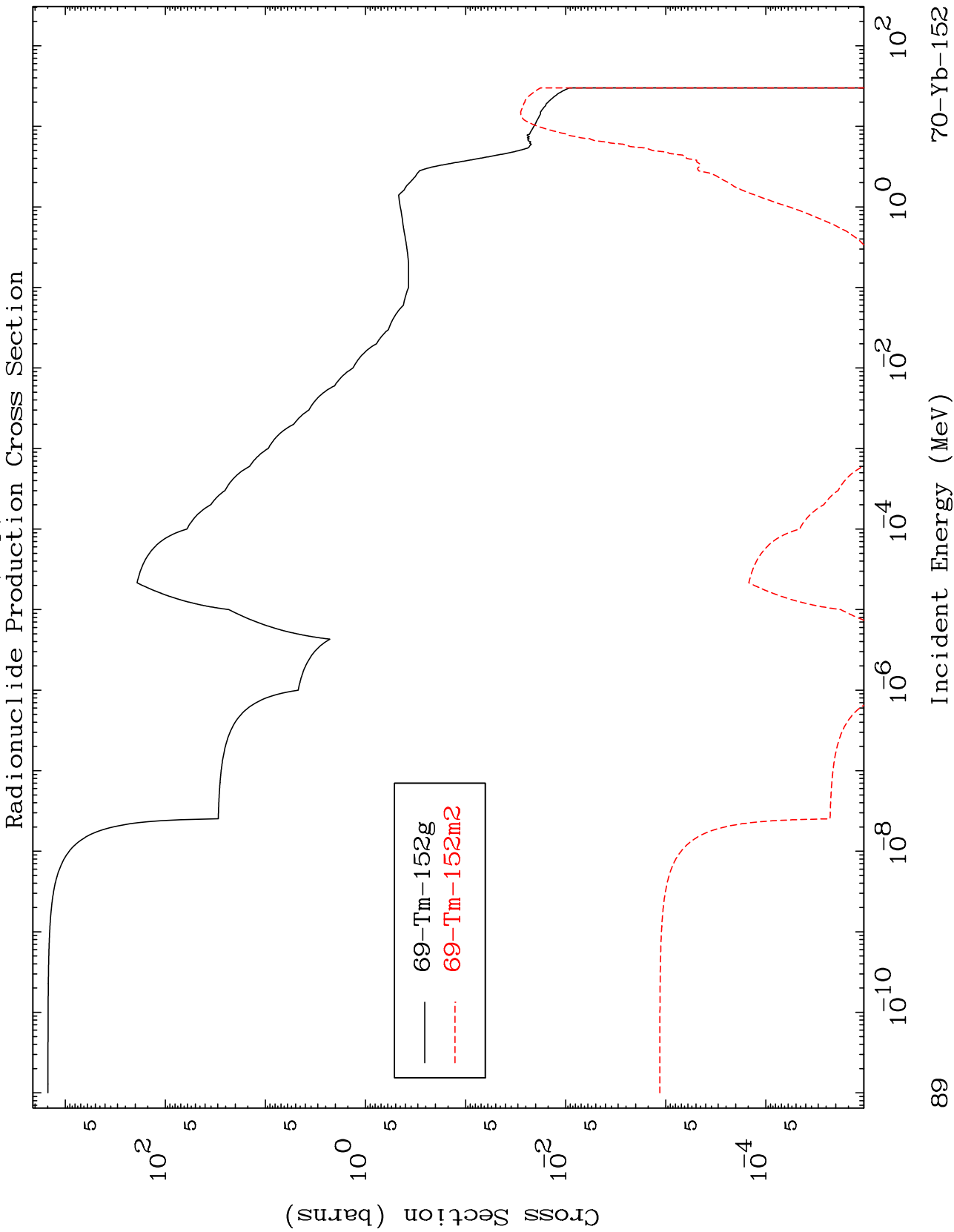


68-Er-149g
68-Er-149m2

88

Incident Energy (MeV)

70-Yb-152

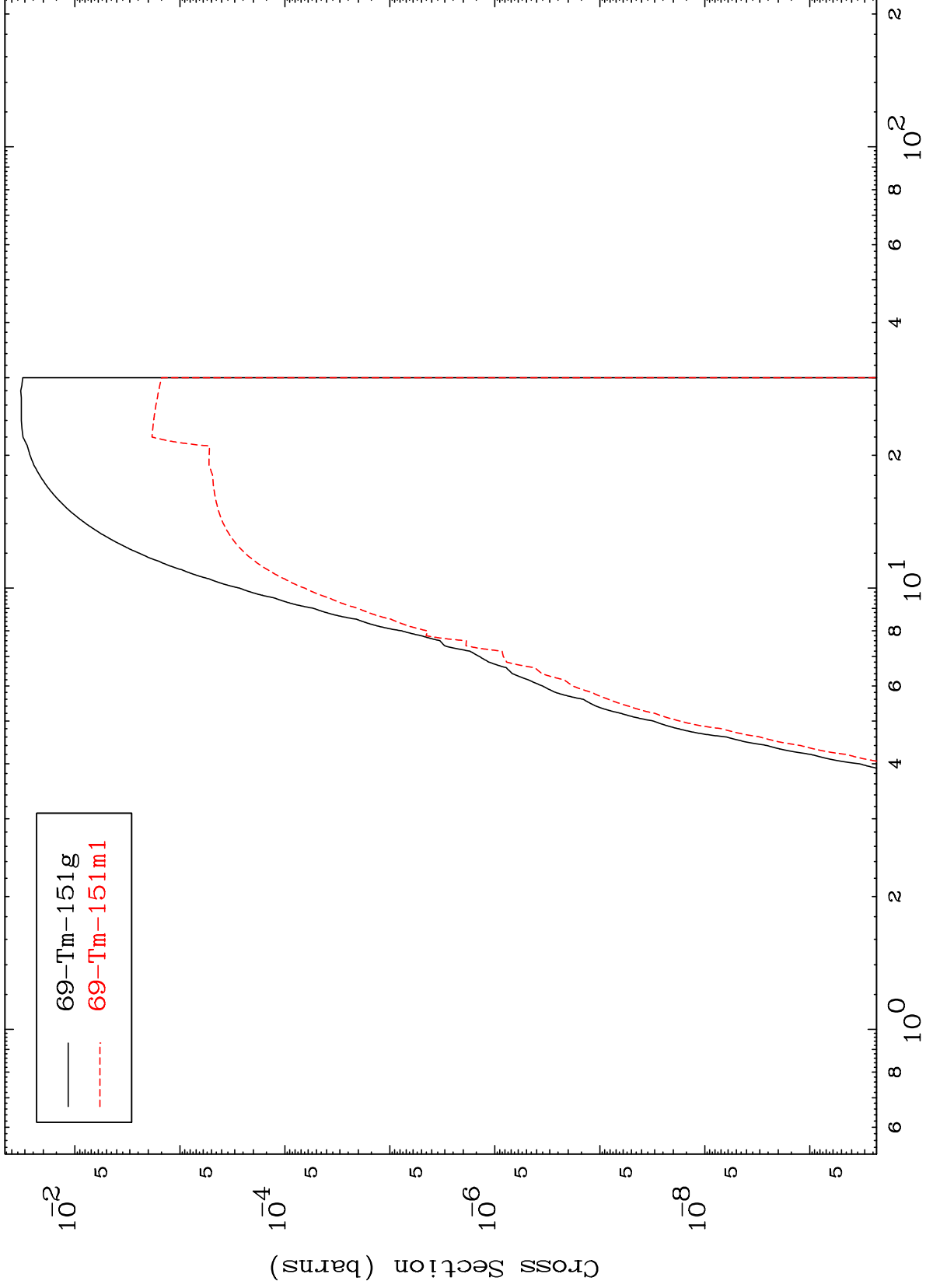
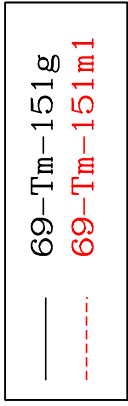


MAT 6977

(n,d)

70-Yb-152

Radionuclide Production Cross Section



90

Incident Energy (MeV)

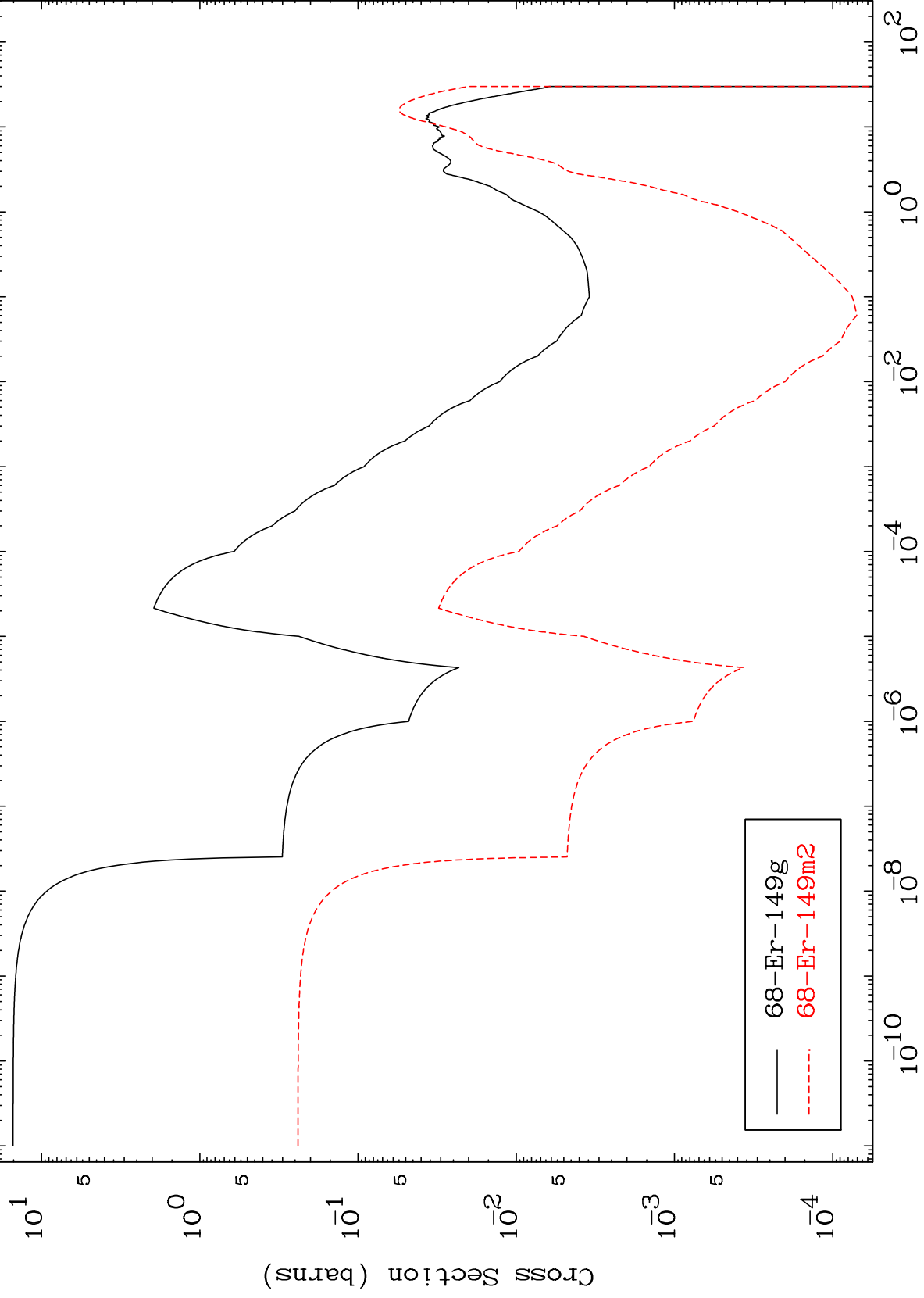
70-Yb-152

MAT 6977

70-Yb-152

Radionuclide Production Cross Section

(n, α)



91

Incident Energy (MeV)

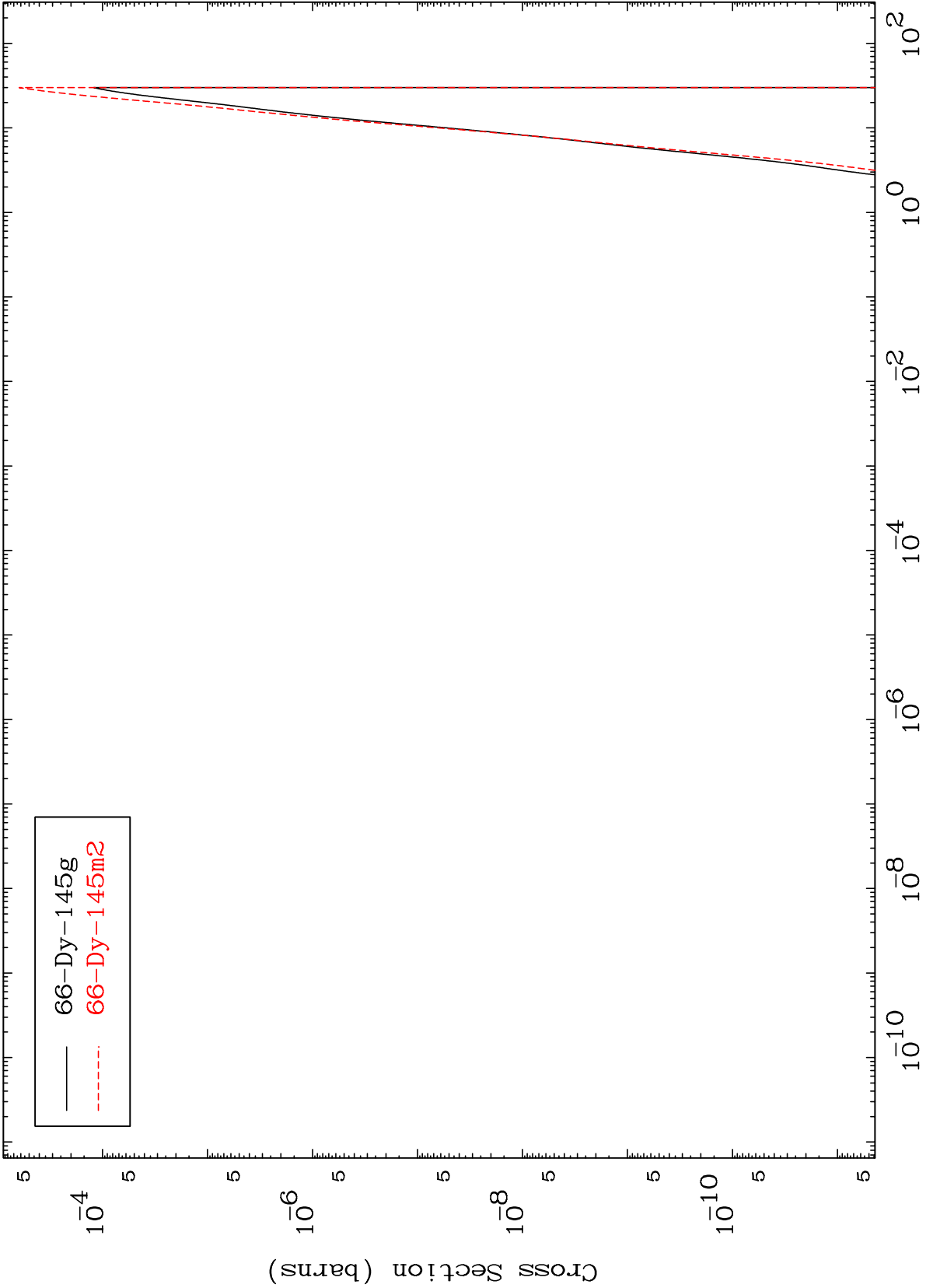
70-Yb-152

MAT 6977

(n,2α)

70-Yb-152

Radionuclide Production Cross Section



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

Incident Energy (MeV)

70-Yb-152

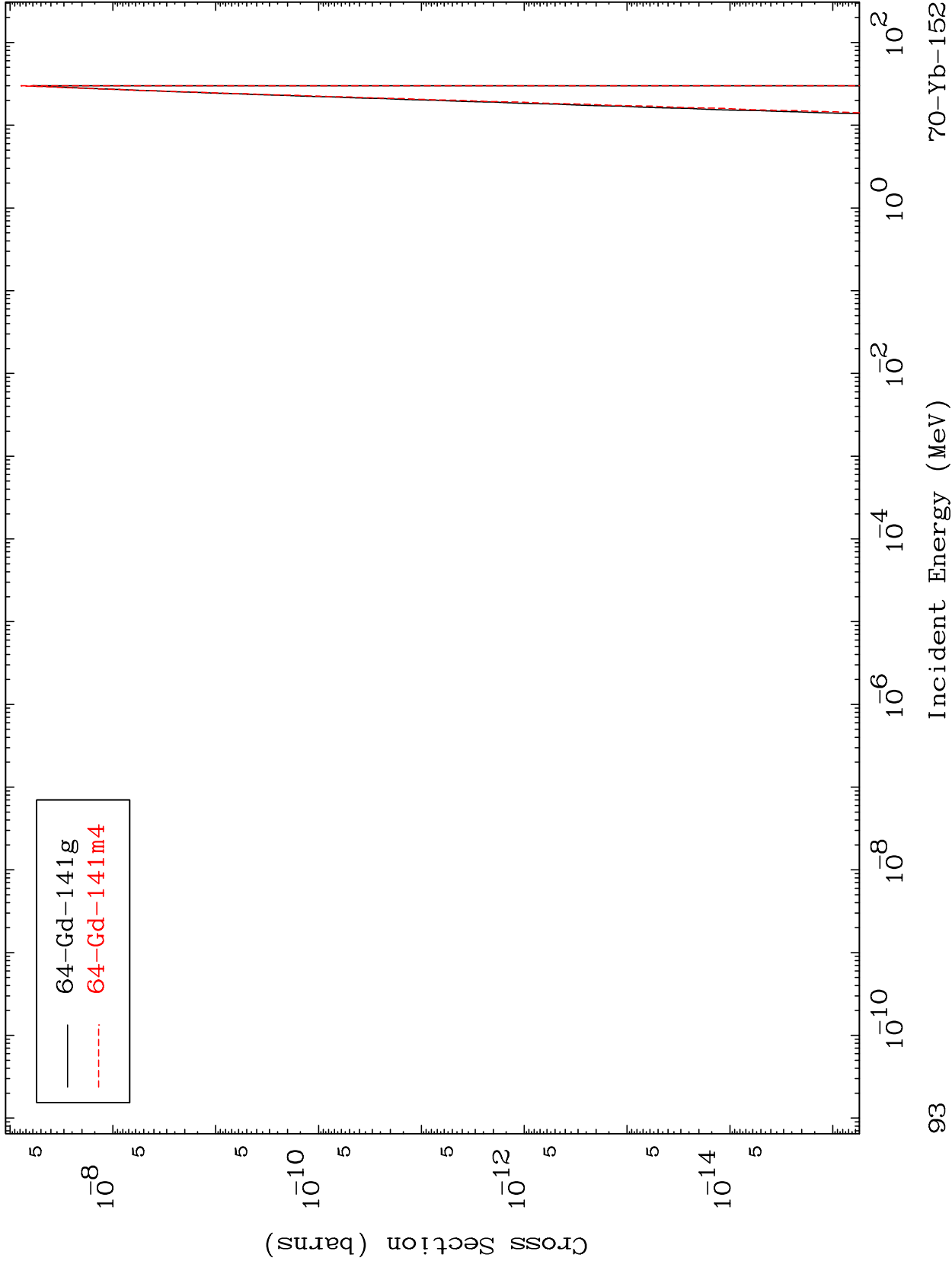
92

MAT 6977

(n, 3α)

70-Yb-152

Radionuclide Production Cross Section

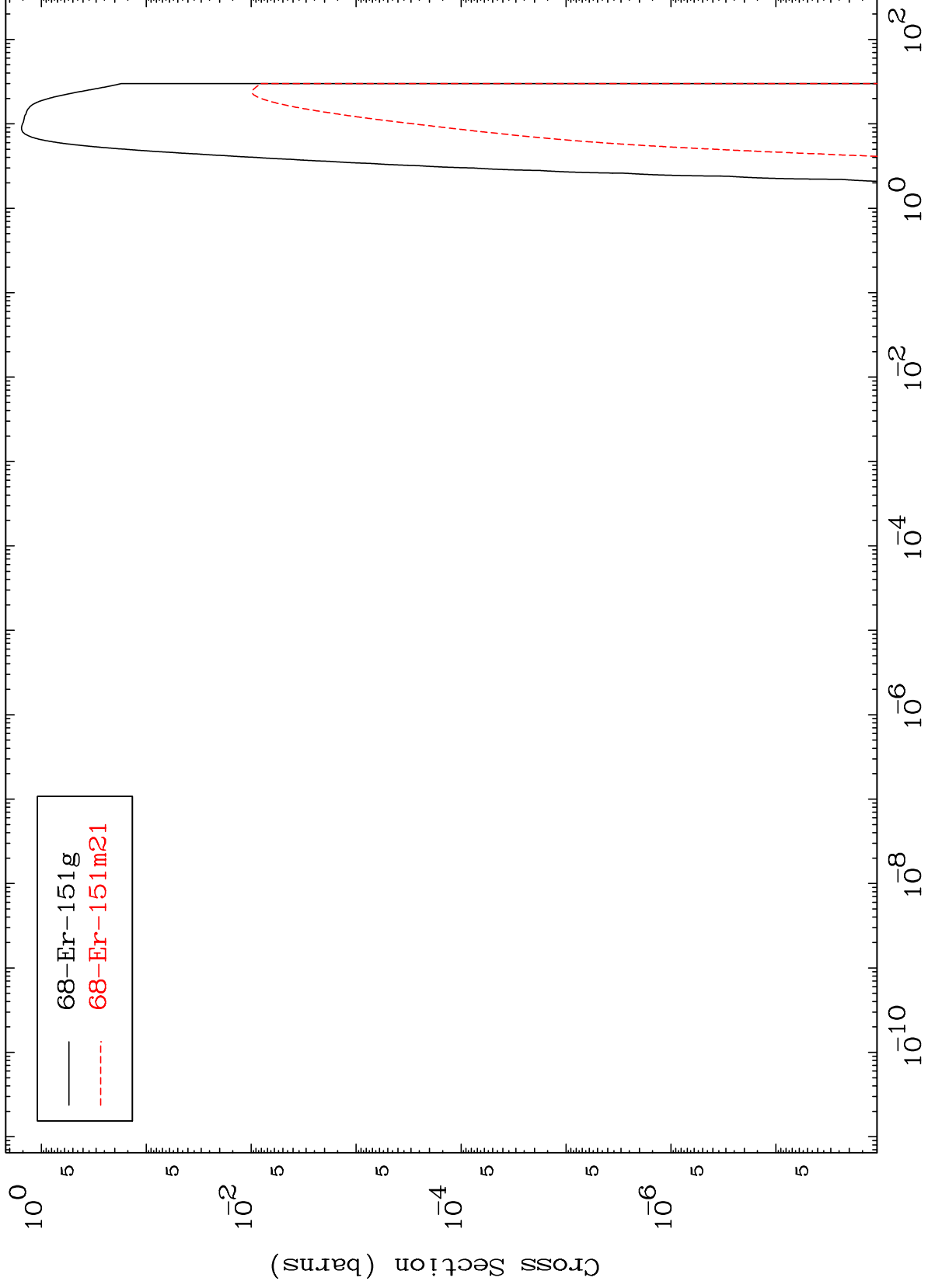


MAT 6977

(n,2p)

70-Yb-152

Radionuclide Production Cross Section



94

Incident Energy (MeV)

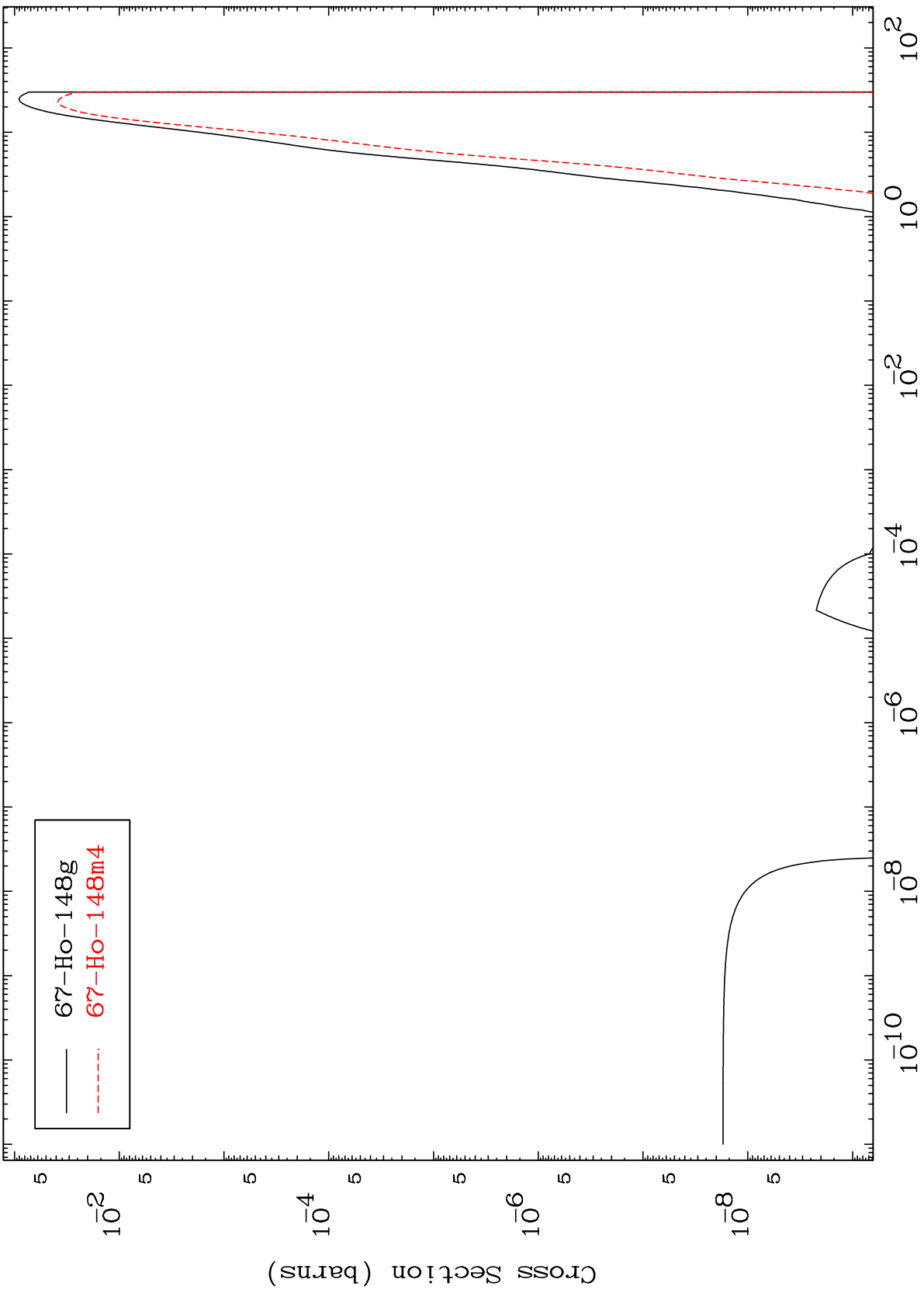
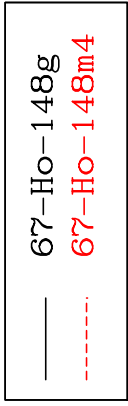
70-Yb-152

MAT 6977

(n,p) α

70-Yb-152

Radionuclide Production Cross Section



95

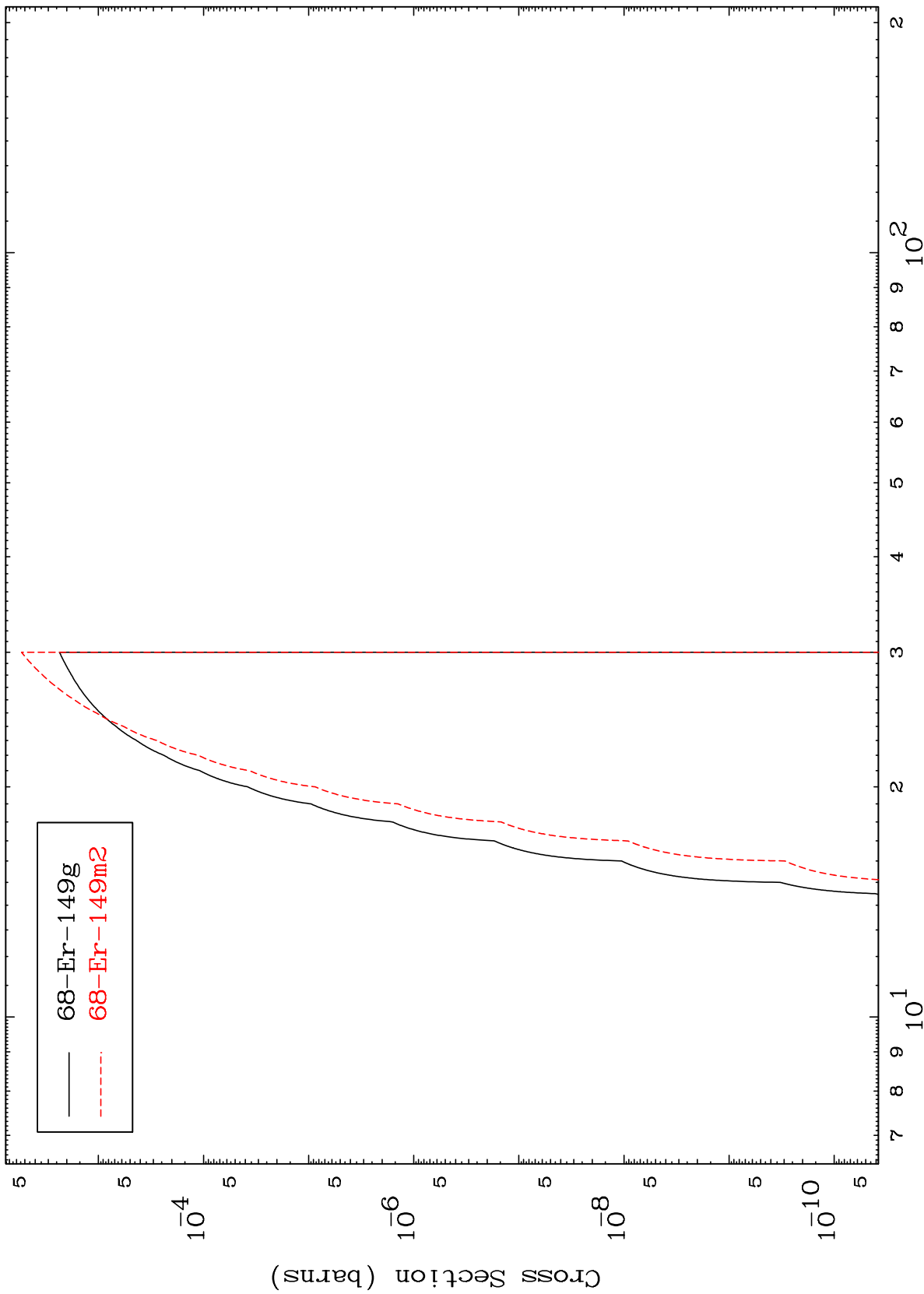
70-Yb-152

MAT 6977

(n,p) t

70-Yb-152

Radionuclide Production Cross Section



96

Incident Energy (MeV)

70-Yb-152