

Program EVALPLOT
(Version 2018-1)

by

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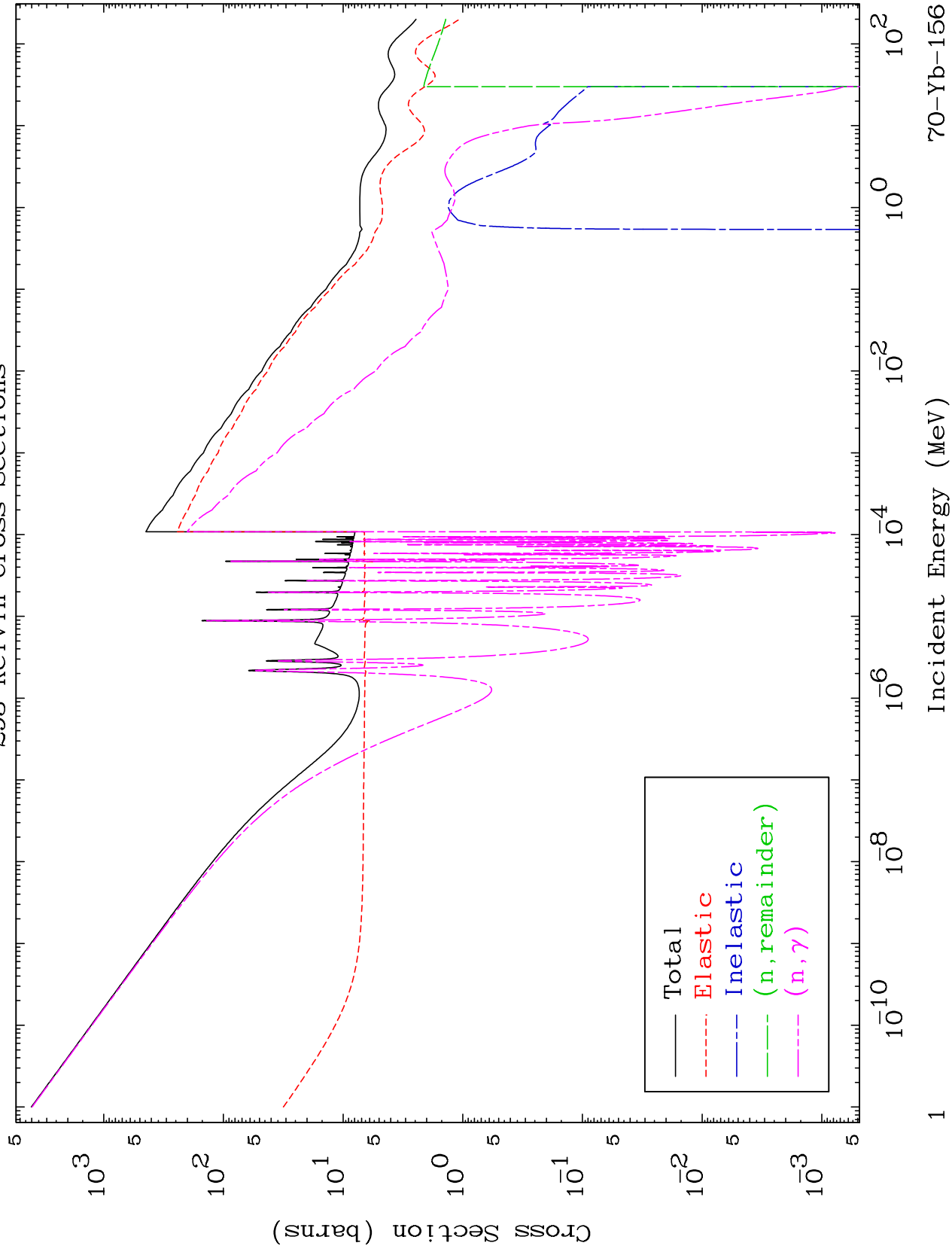
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6989

Major
293 Kelvin Cross Sections

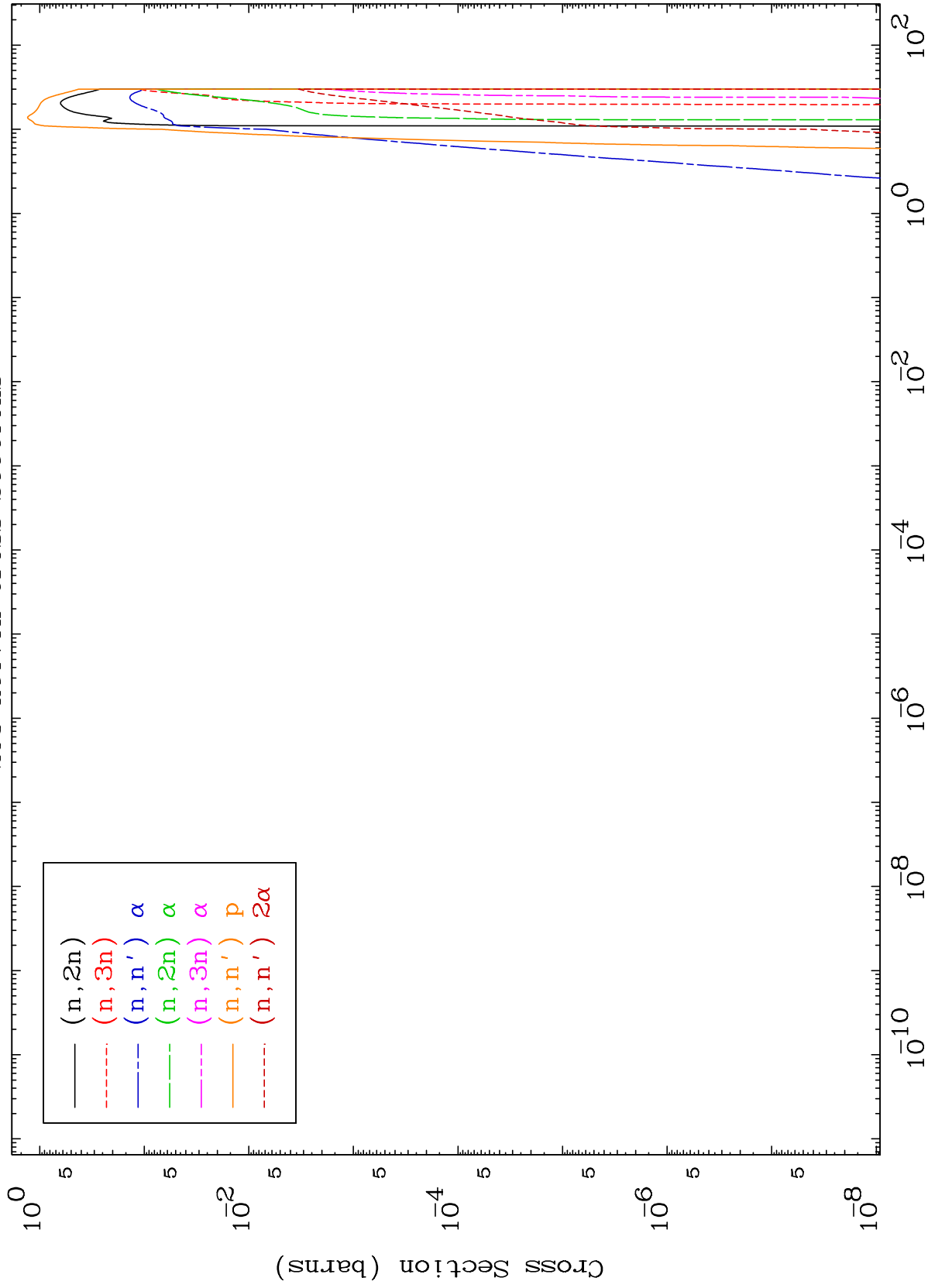
70-Yb-156



MAT 6989

Neutron Production
293 Kelvin Cross Sections

70-Yb-156



2

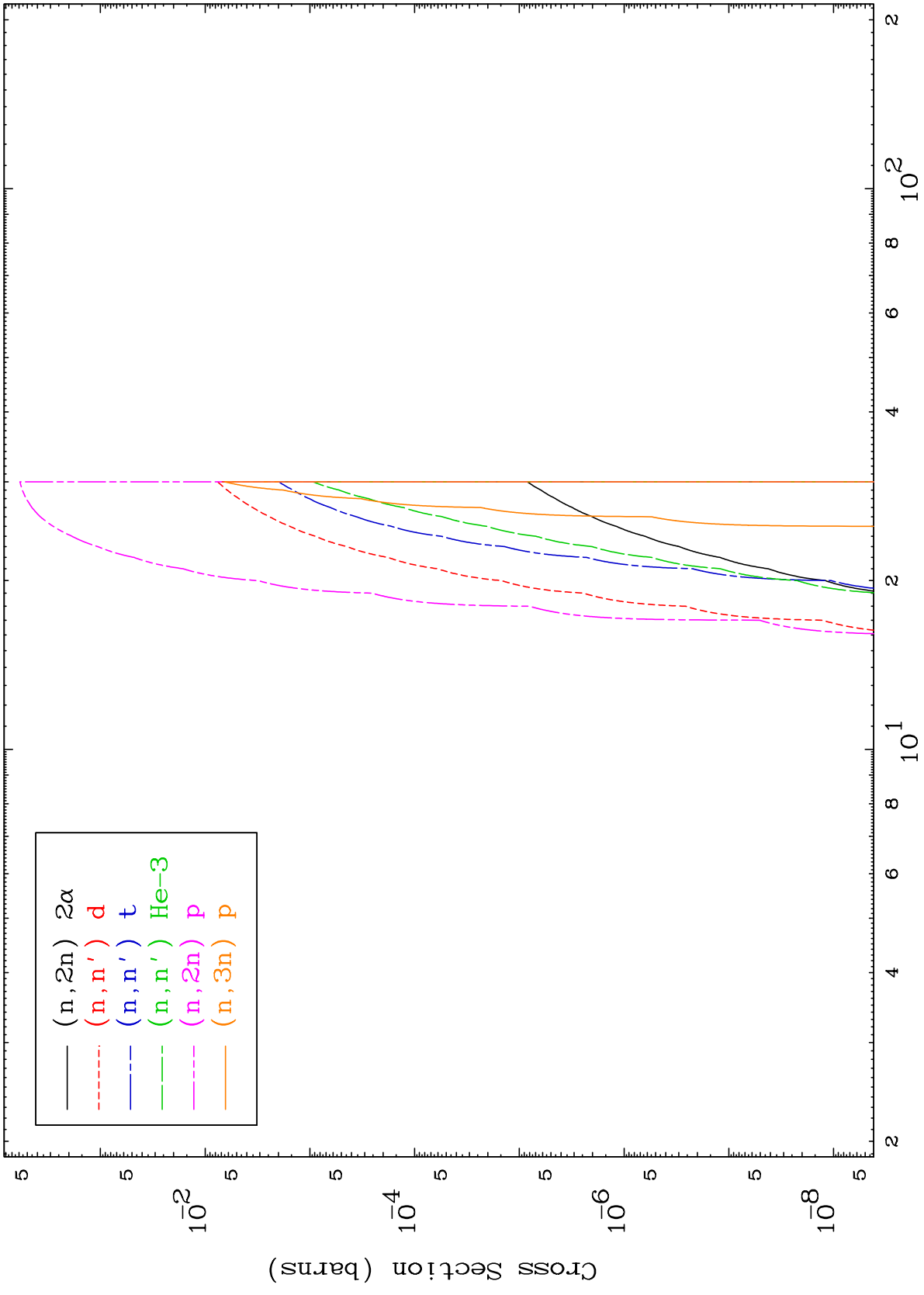
Incident Energy (MeV)

70-Yb-156

MAT 6989

Neutron Production 293 Kelvin Cross Sections

70-Yb-156



3

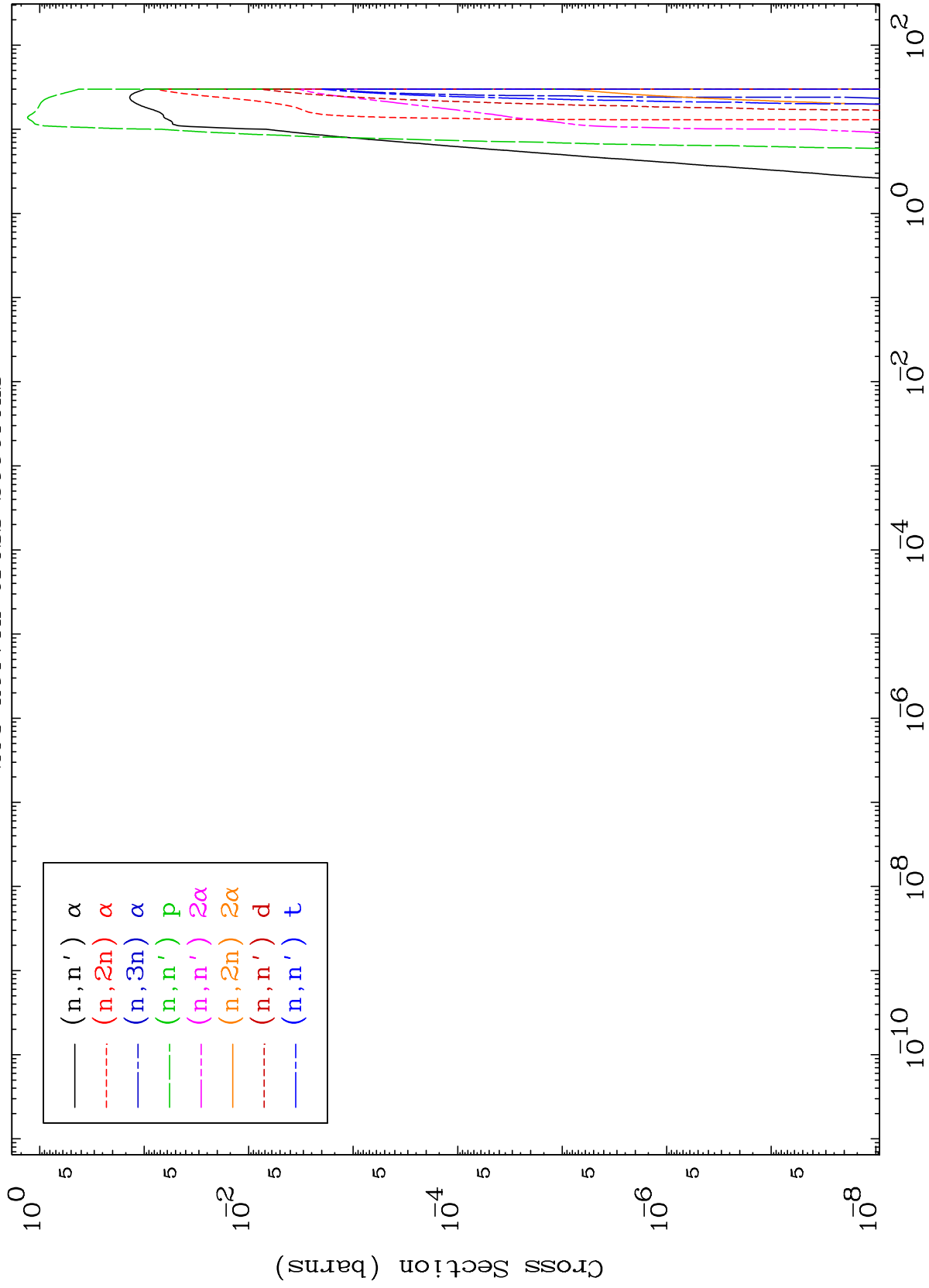
Incident Energy (MeV)

70-Yb-156

MAT 6989

293 Kelvin Cross Sections

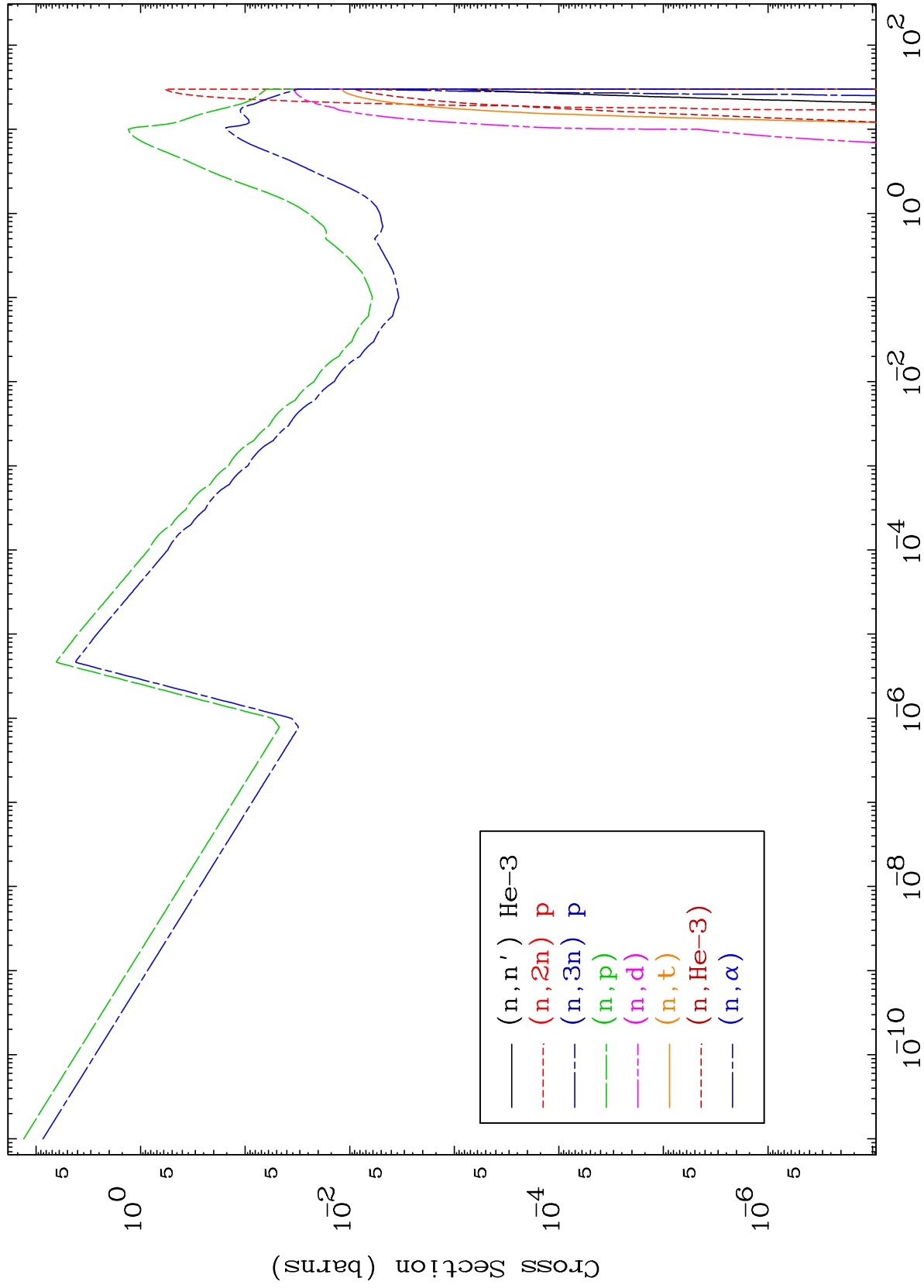
70-Yb-156



MAT 6989

Charged Particle
293 Kelvin Cross Sections

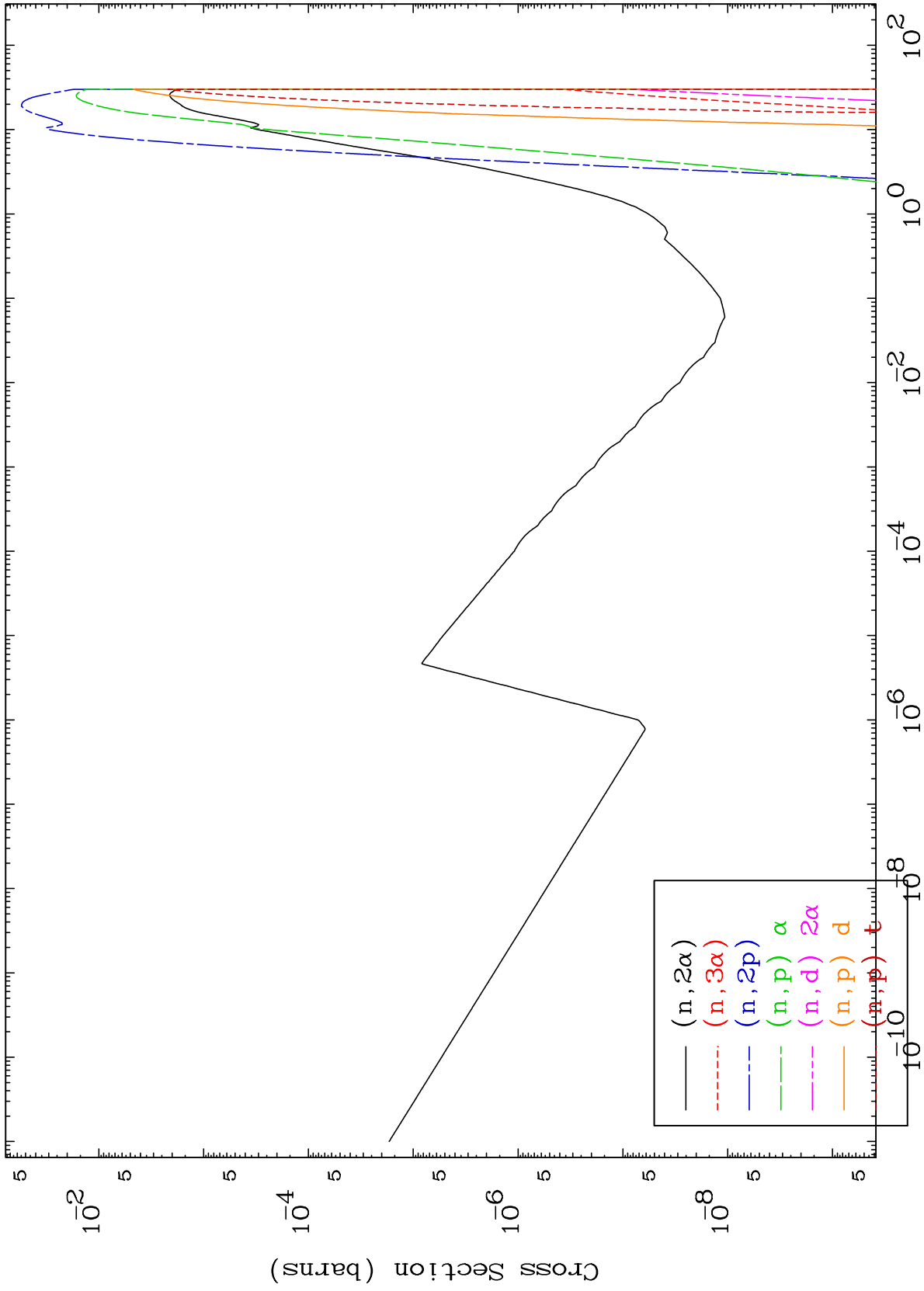
70-Yb-156



MAT 6989

Charged Particle
293 Kelvin Cross Sections

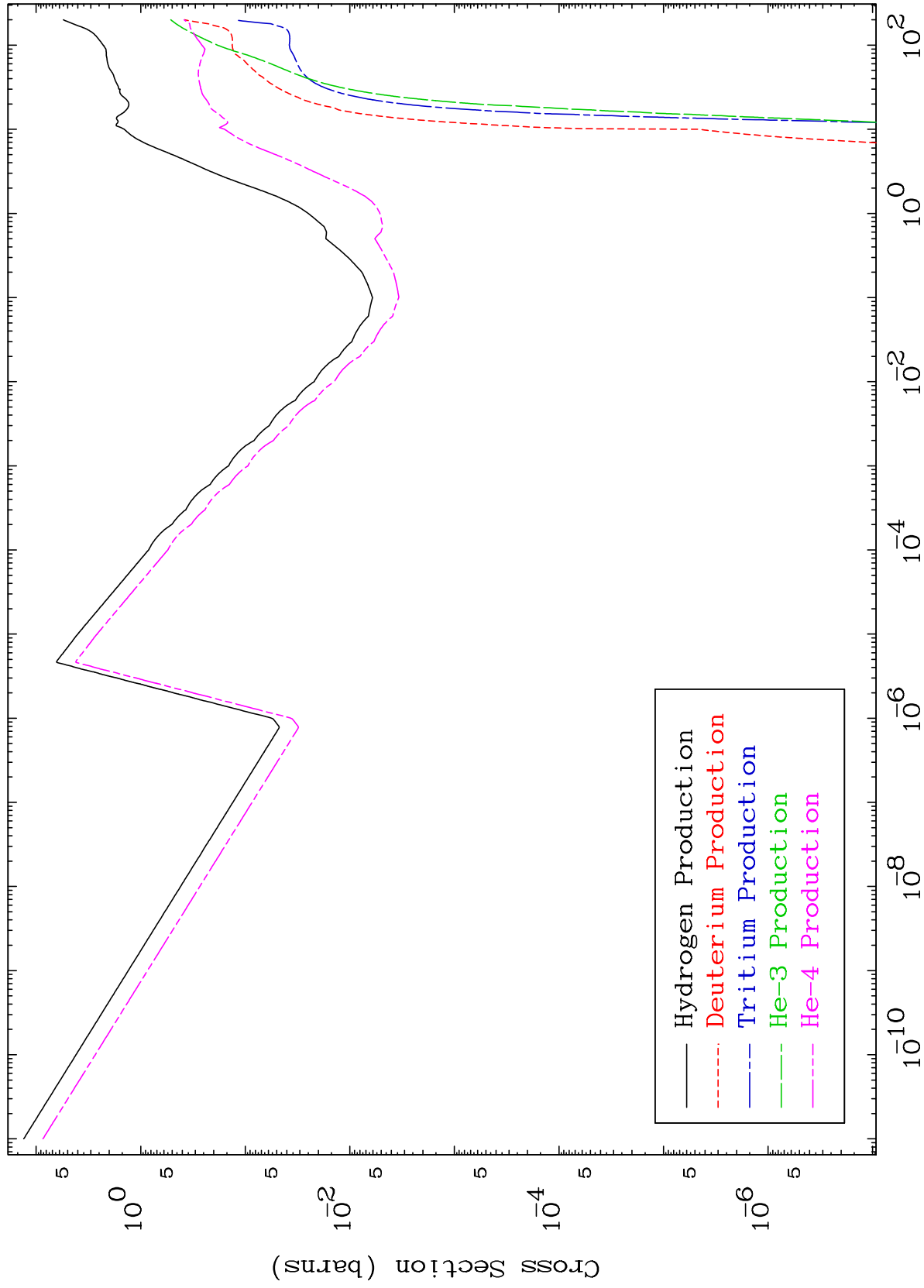
70-Yb-156



MAT 6989

Particle Production
293 Kelvin Cross Sections

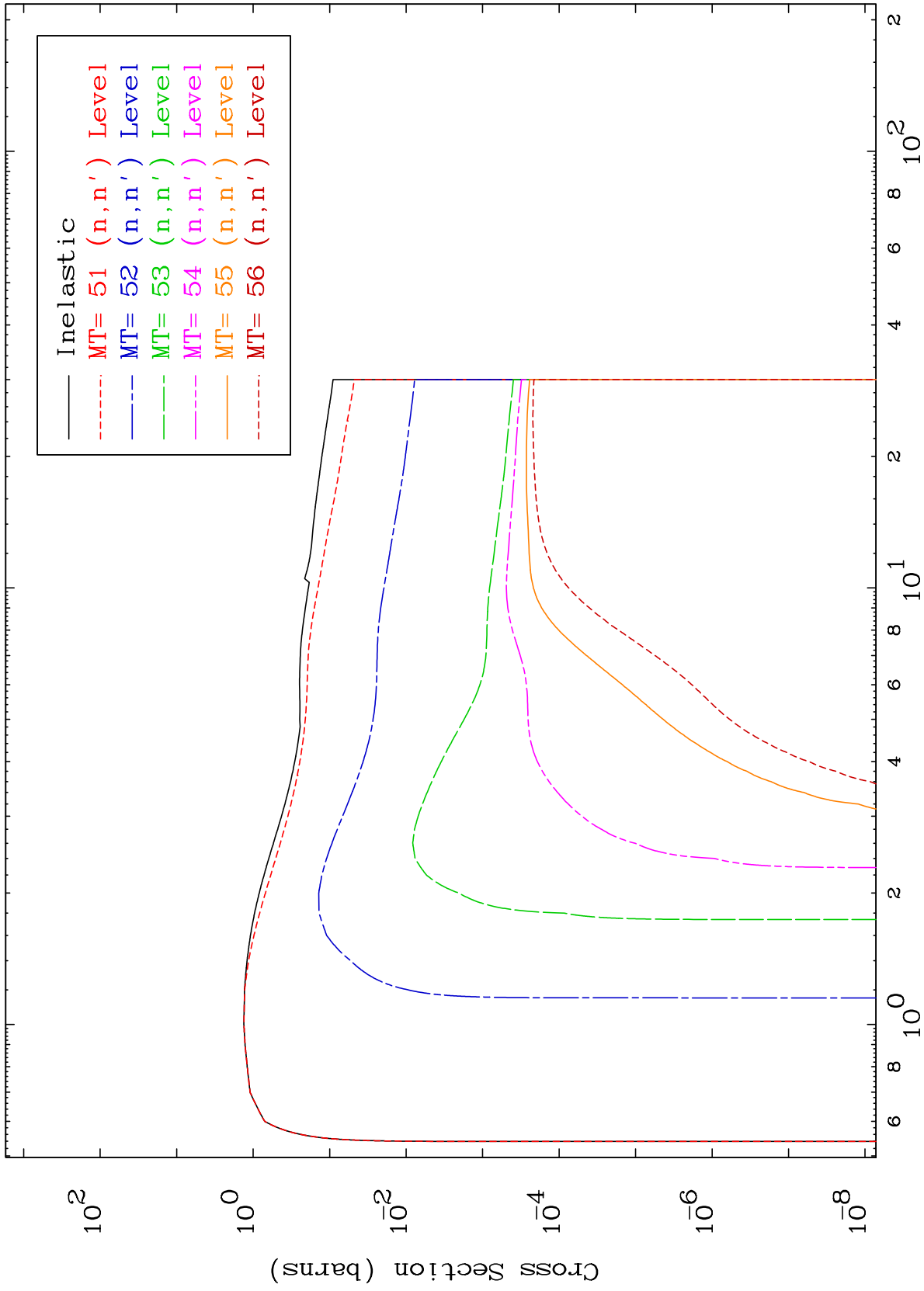
70-Yb-156



MAT 6989

(n,n') Level
293 Kelvin Cross Sections

70-Yb-156



8

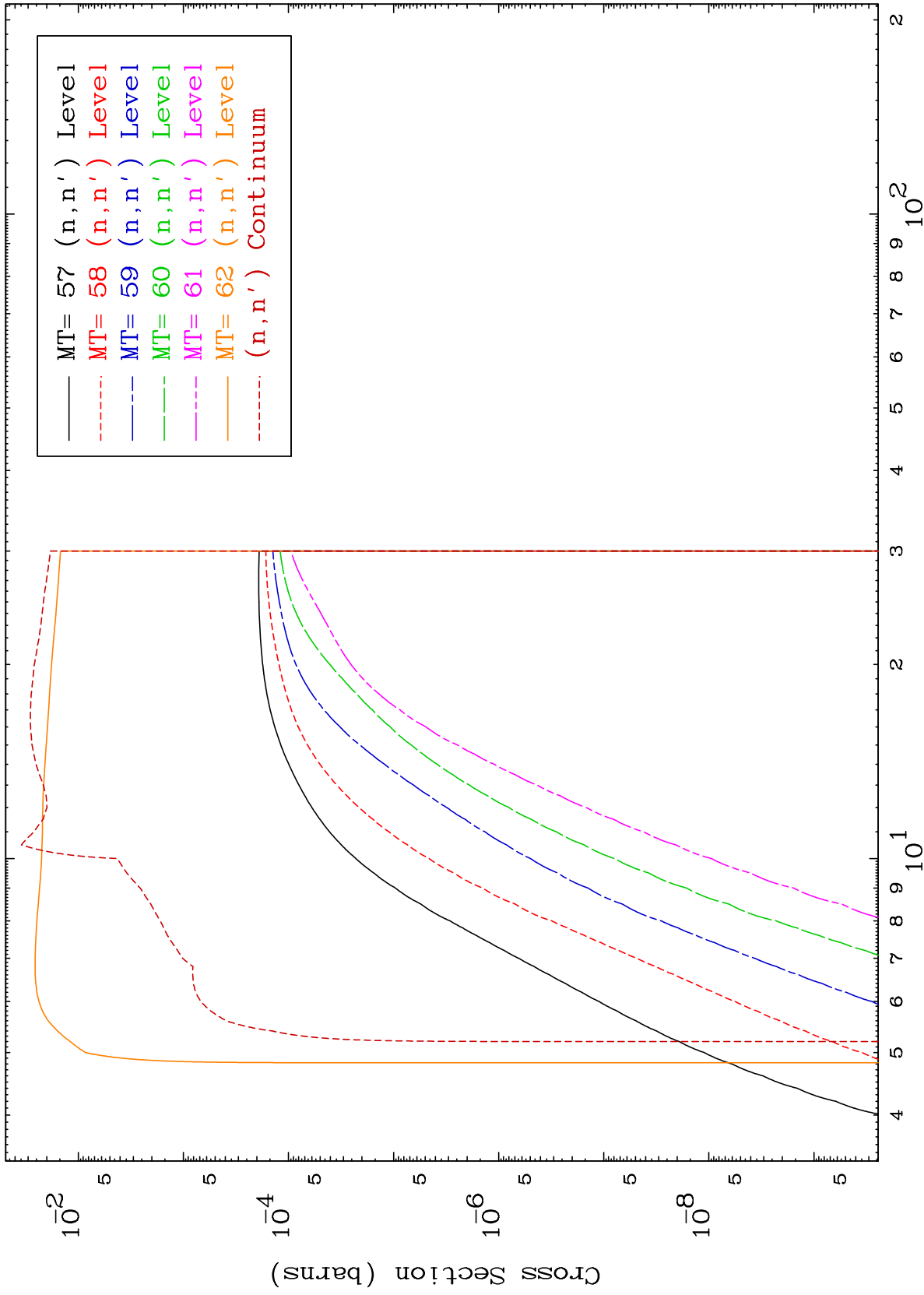
Incident Energy (MeV)

70-Yb-156

MAT 6989

(n,n') Level
293 Kelvin Cross Sections

70-Yb-156



9

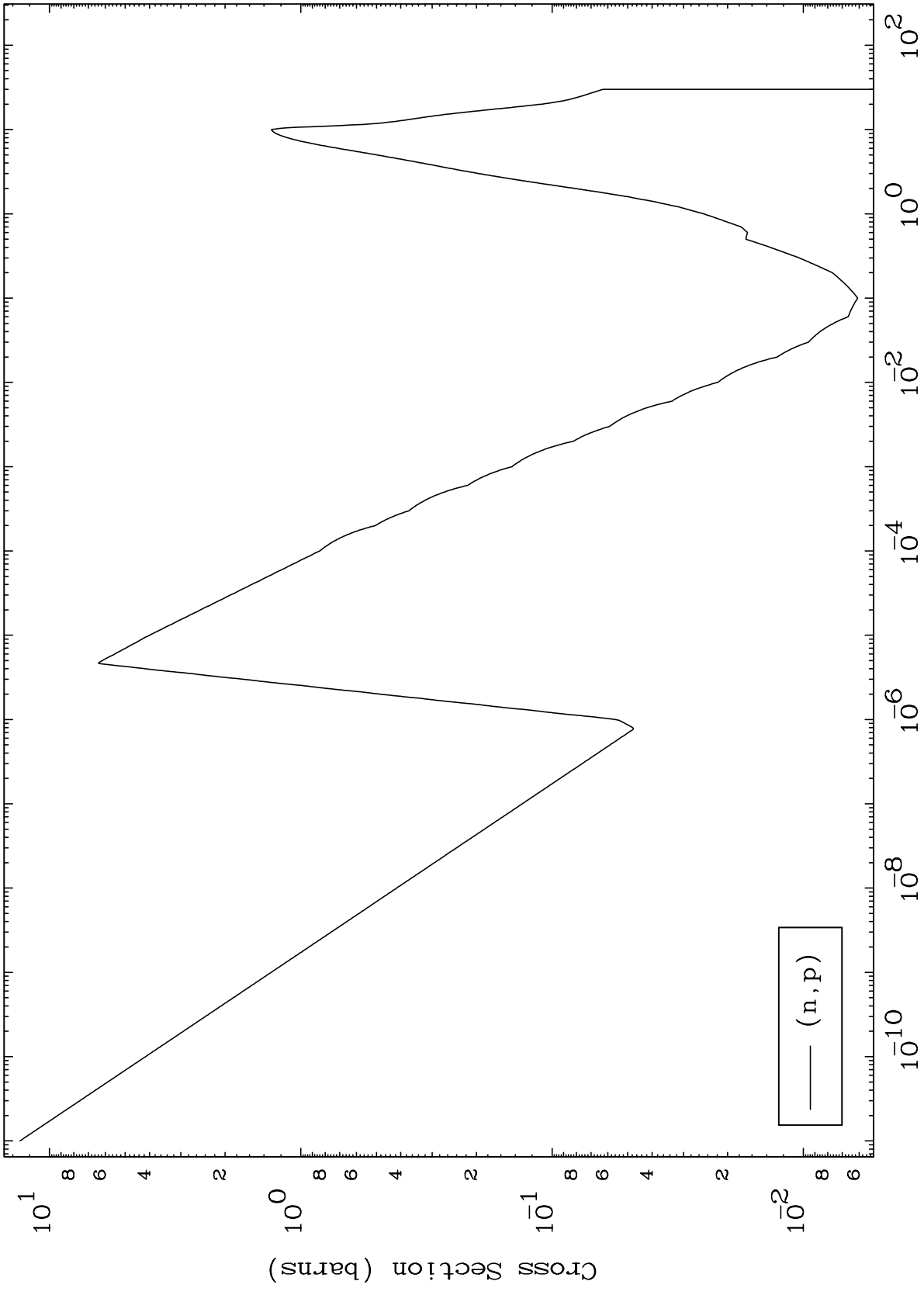
Incident Energy (MeV)

70-Yb-156

MAT 6989

(n,p) Levels
293 Kelvin Cross Sections

70-Yb-156



10

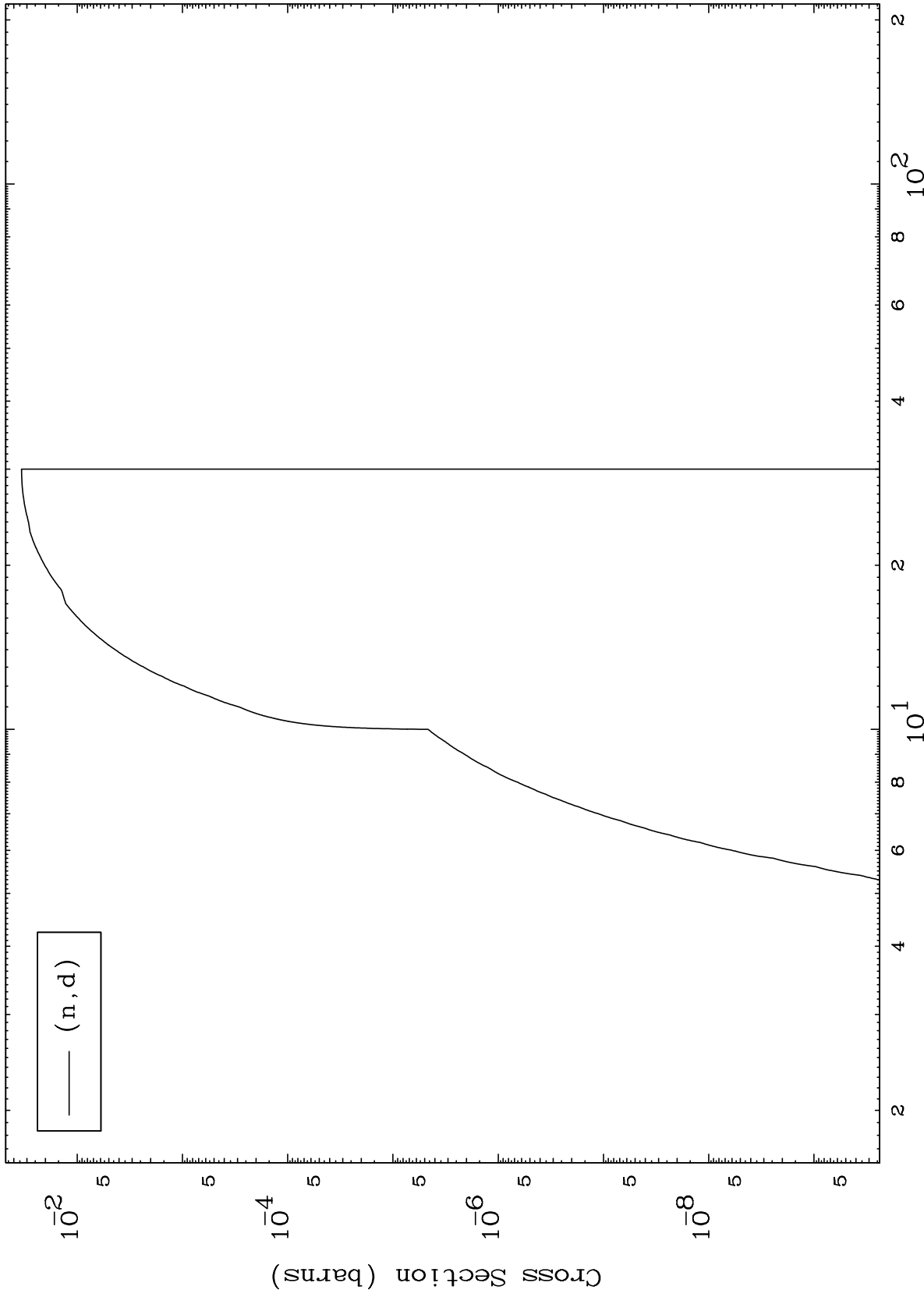
Incident Energy (MeV)

70-Yb-156

MAT 6989

(n,d) Levels
293 Kelvin Cross Sections

70-Yb-156



11

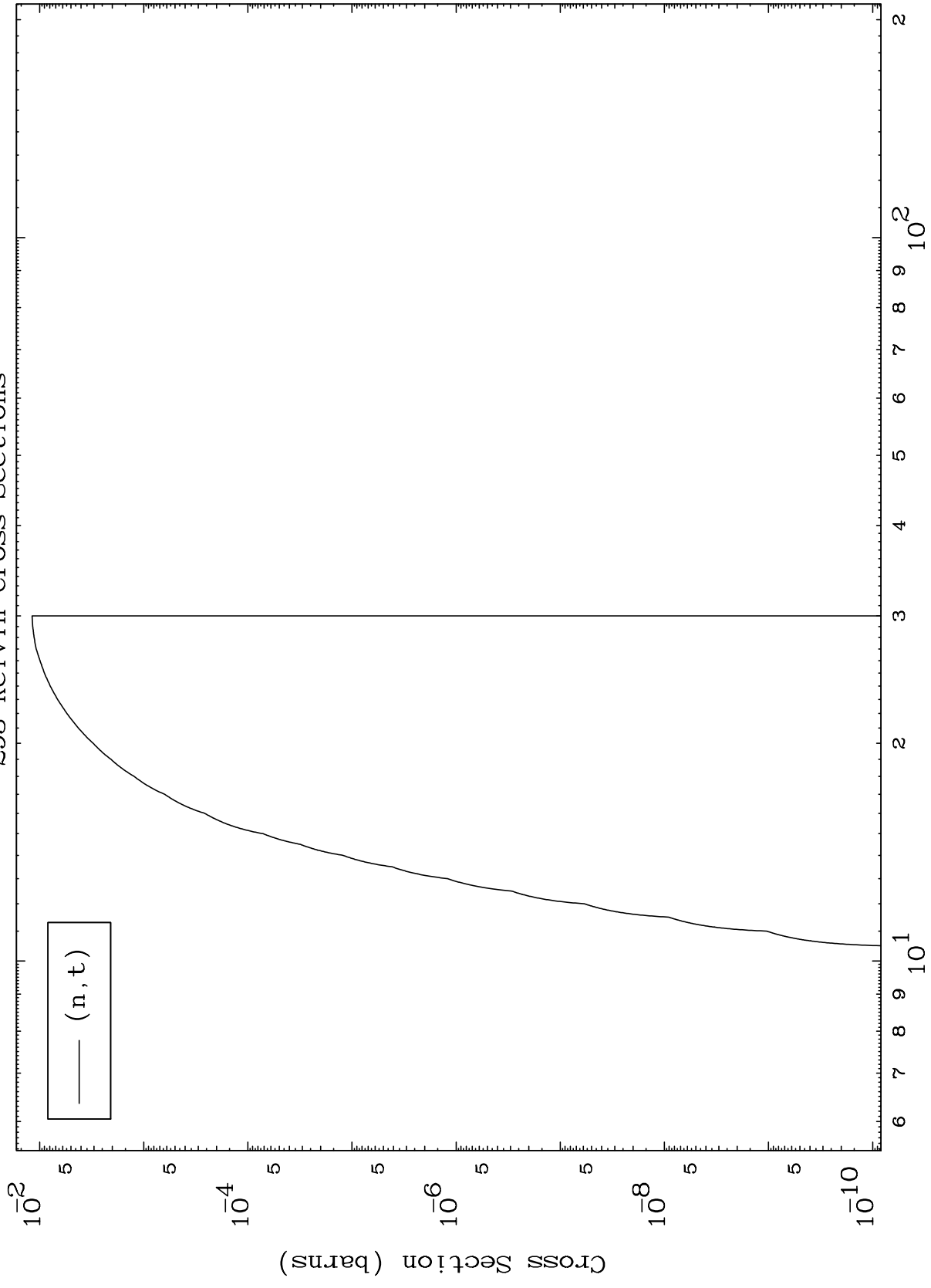
Incident Energy (MeV)

70-Yb-156

MAT 6989

(n,t) Levels
293 Kelvin Cross Sections

70-Yb-156



12

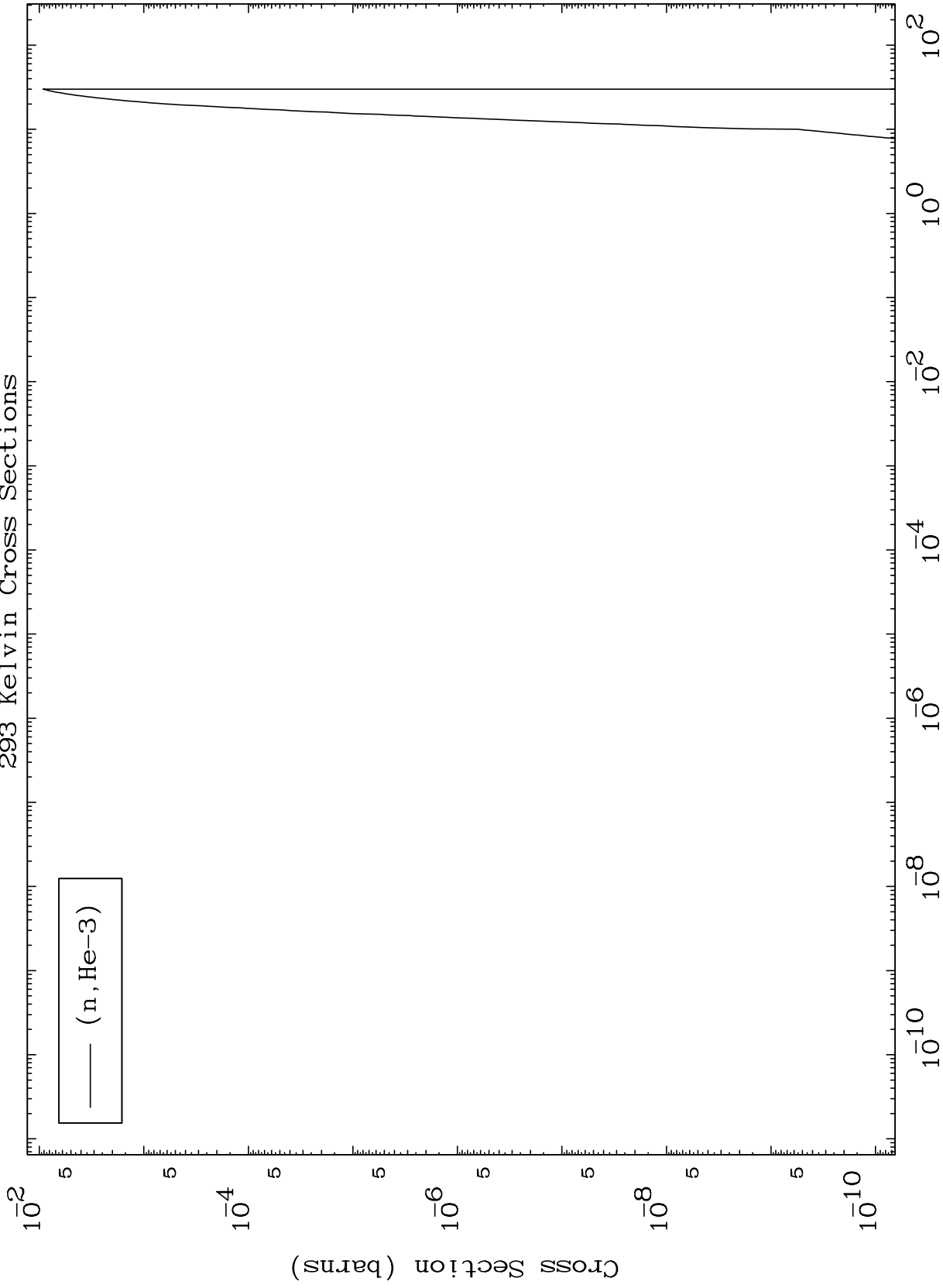
Incident Energy (MeV)

70-Yb-156

MAT 6989

(n,He3) Levels
293 Kelvin Cross Sections

70-Yb-156



13

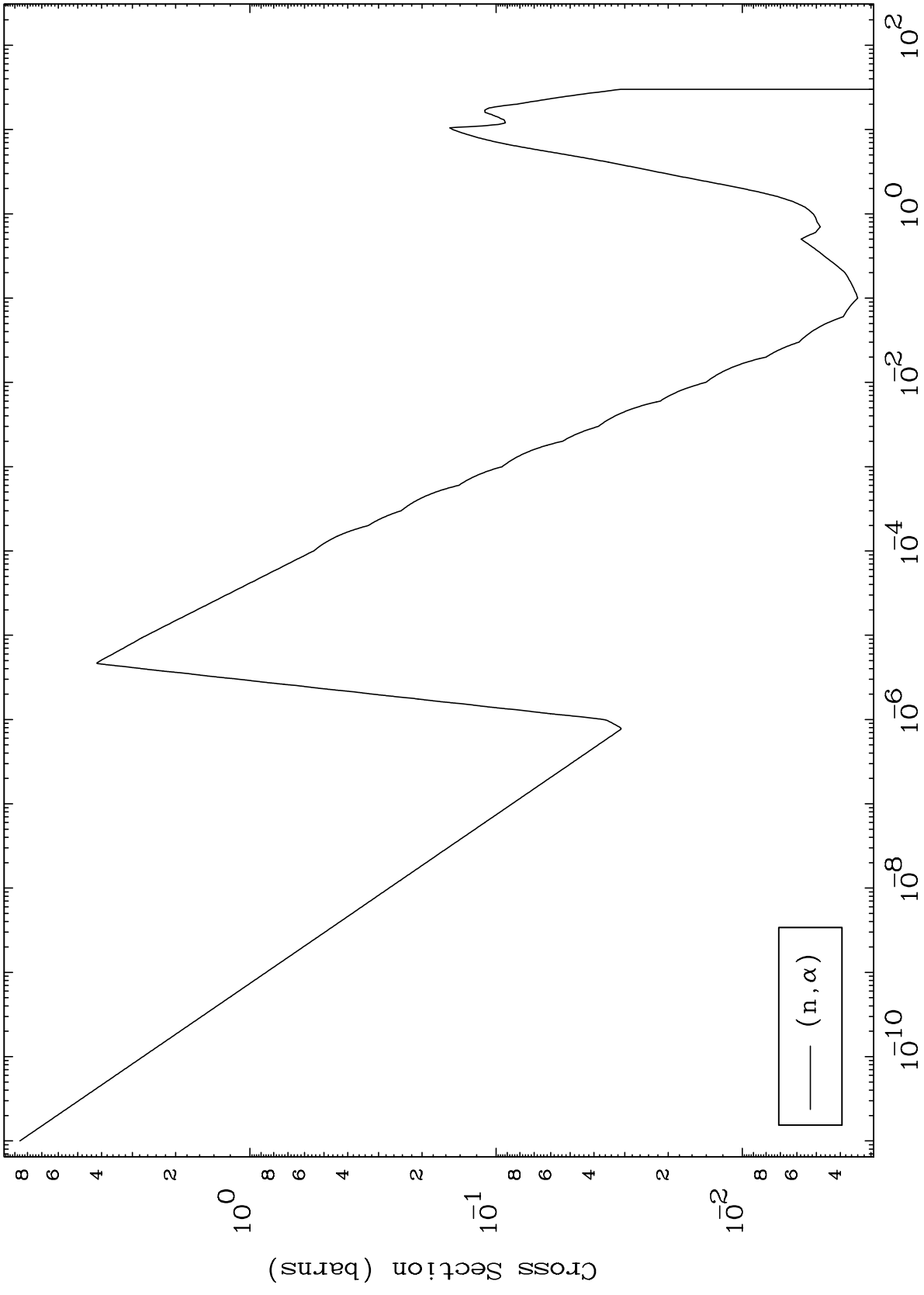
Incident Energy (MeV)

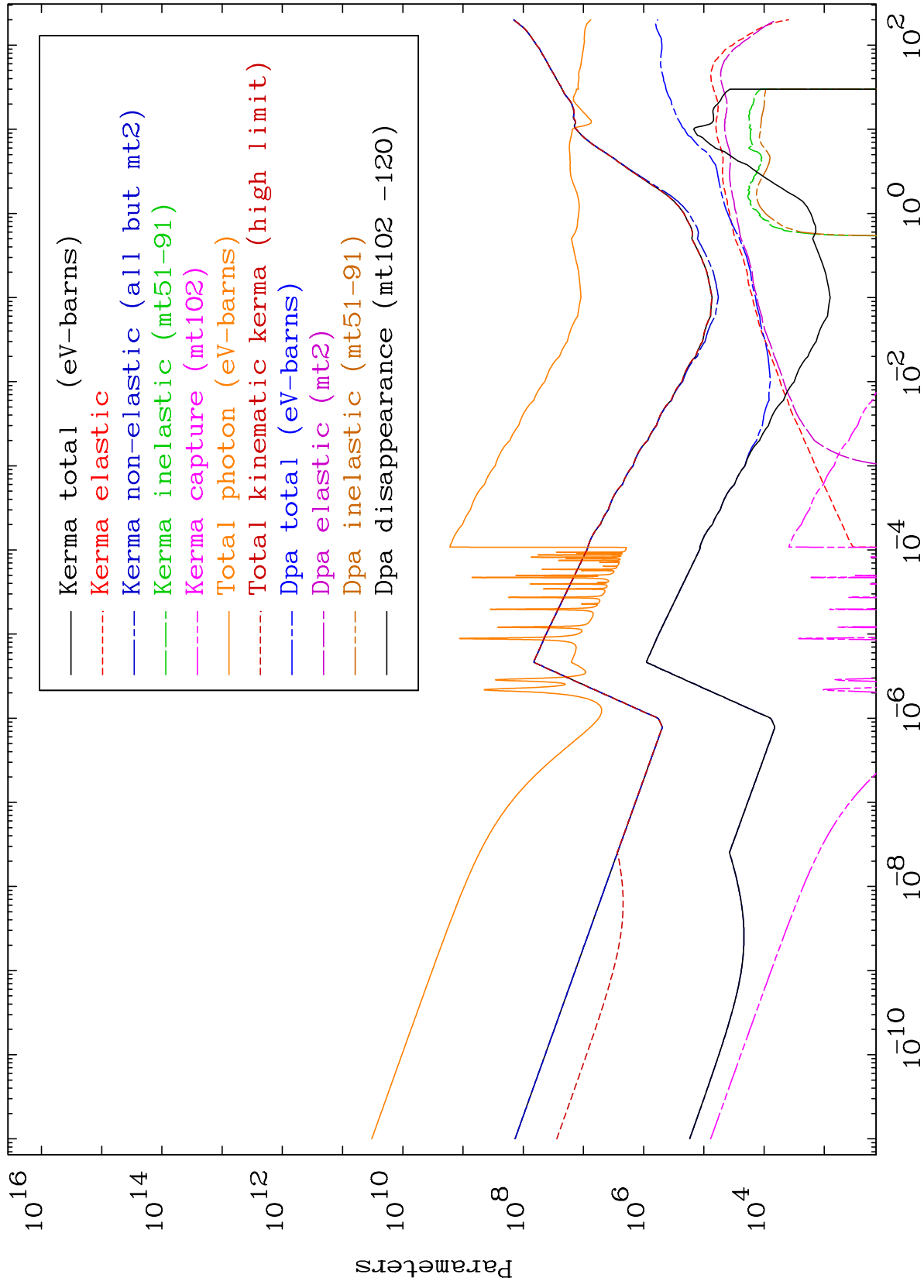
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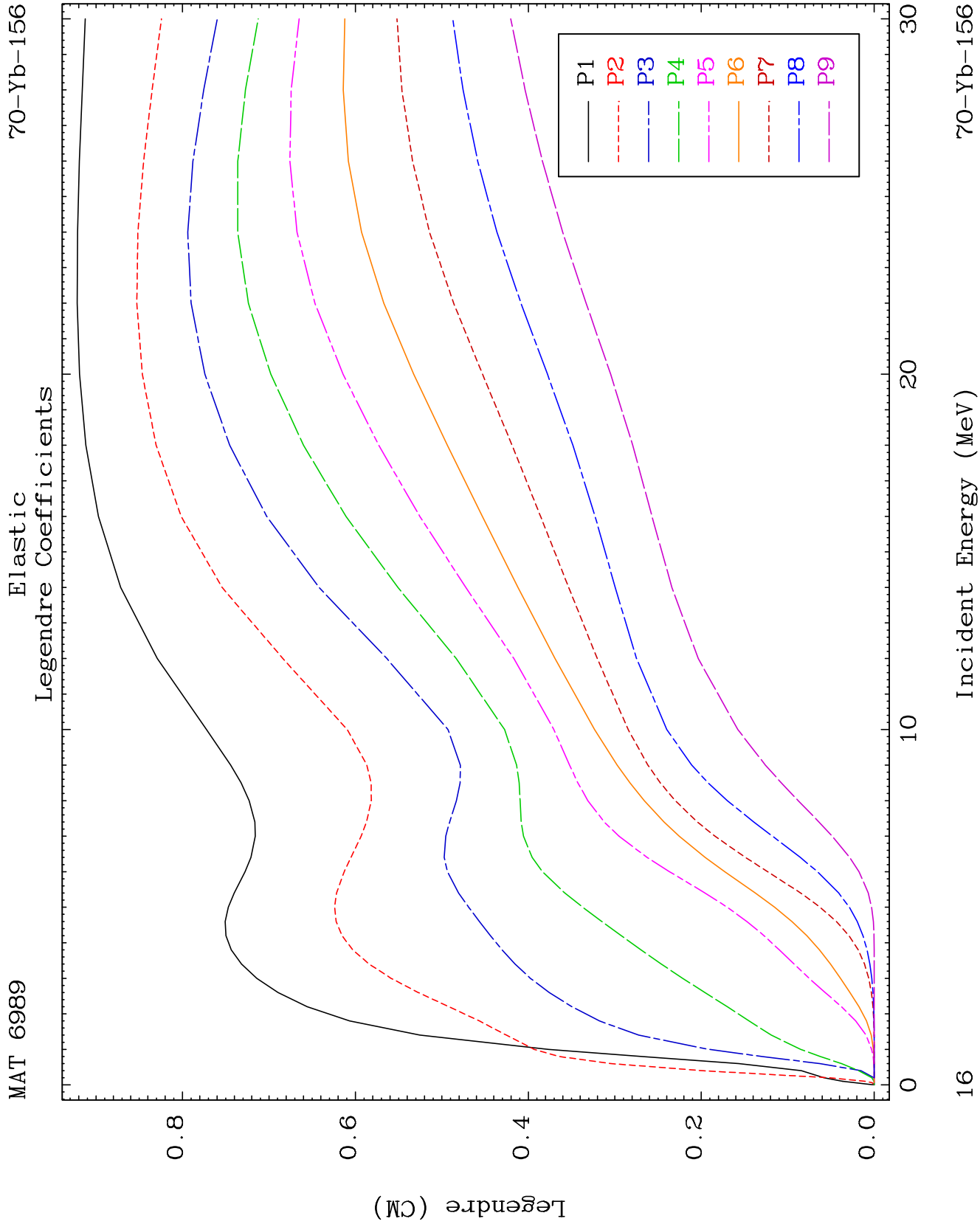
MAT 6989

(n, α) Levels
293 Kelvin Cross Sections

70-Yb-156



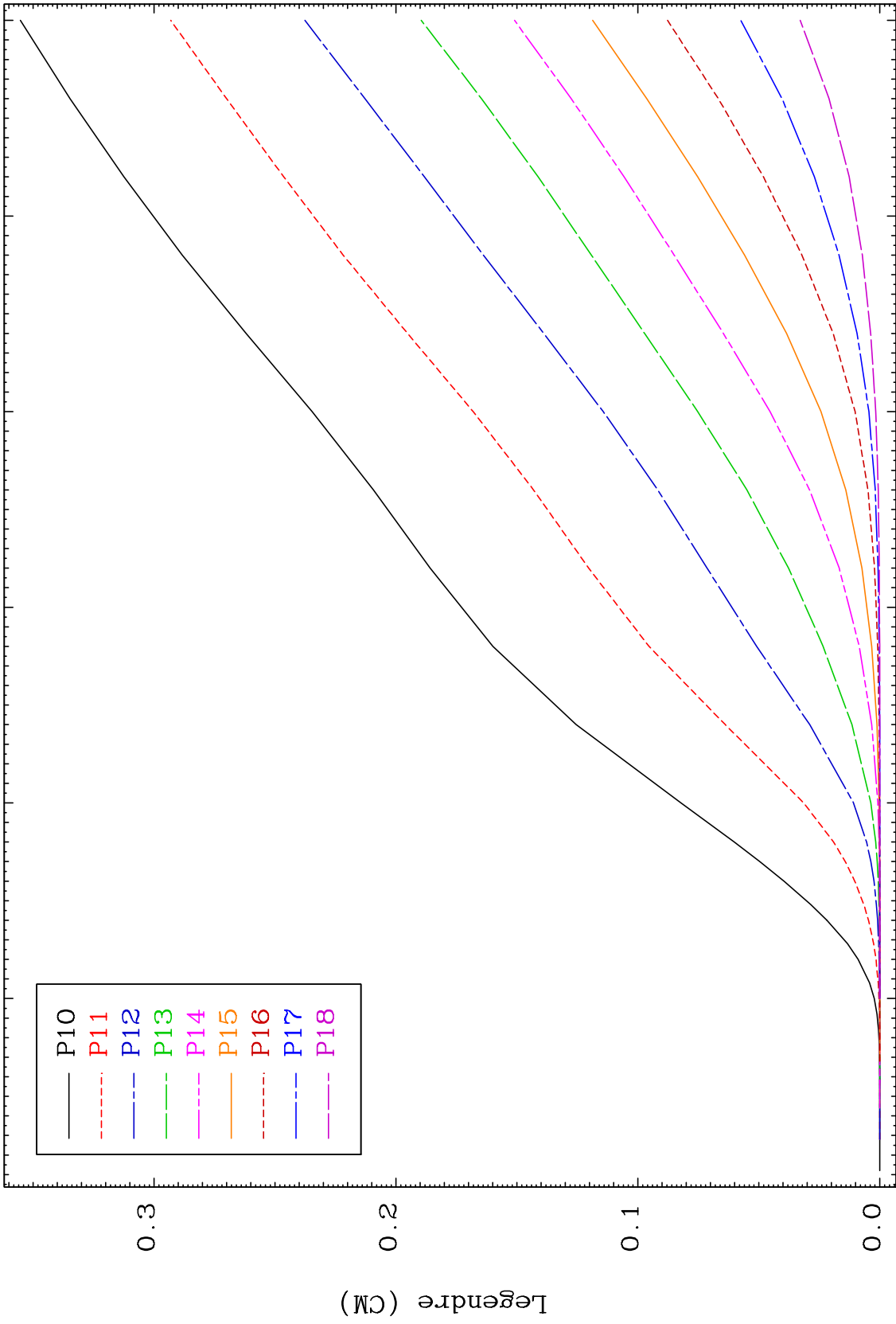




MAT 6989

Elastic Legendre Coefficients

70-Yb-156



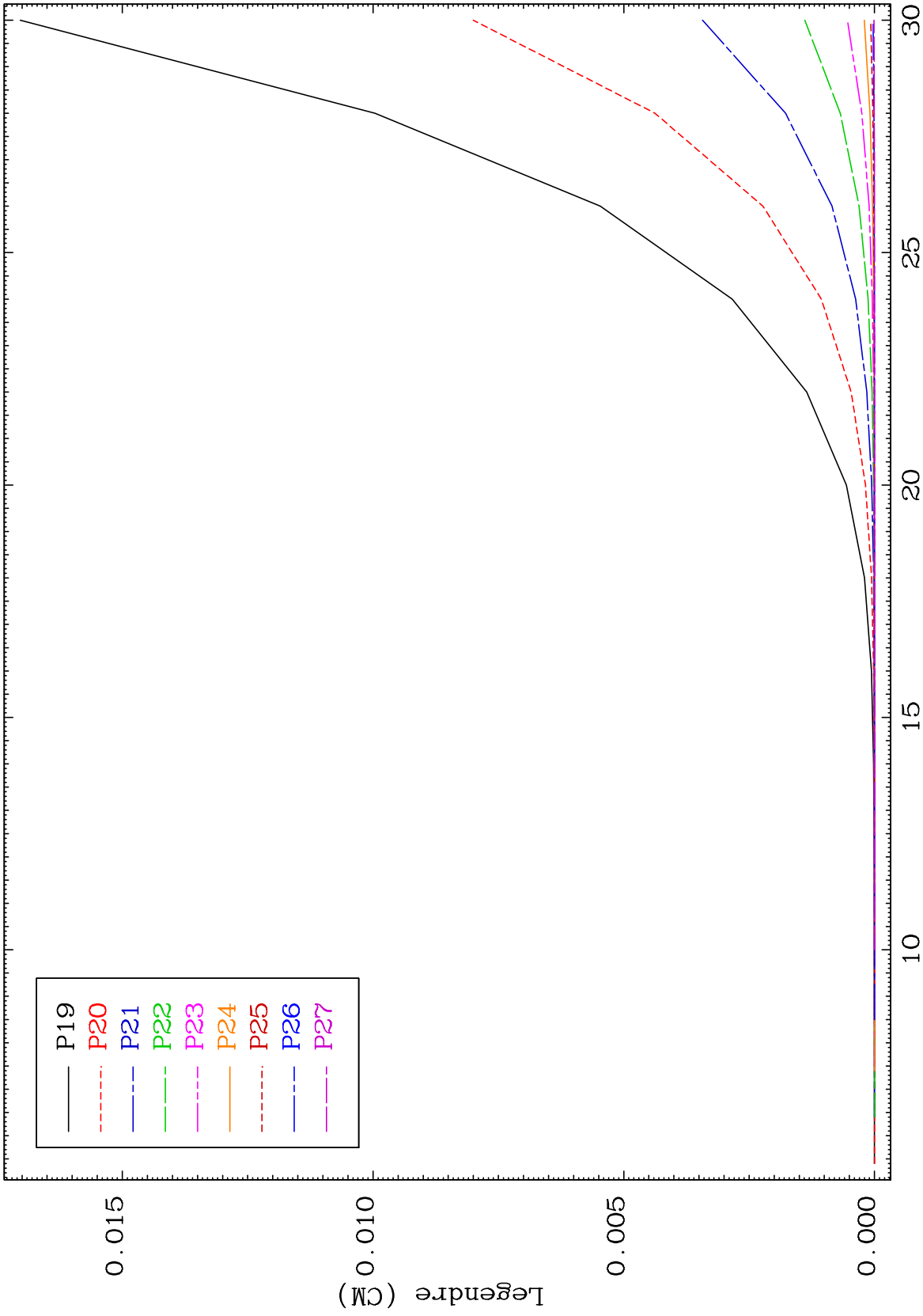
17

70-Yb-156

MAT 6989

Elastic Legendre Coefficients

70-Yb-156



18

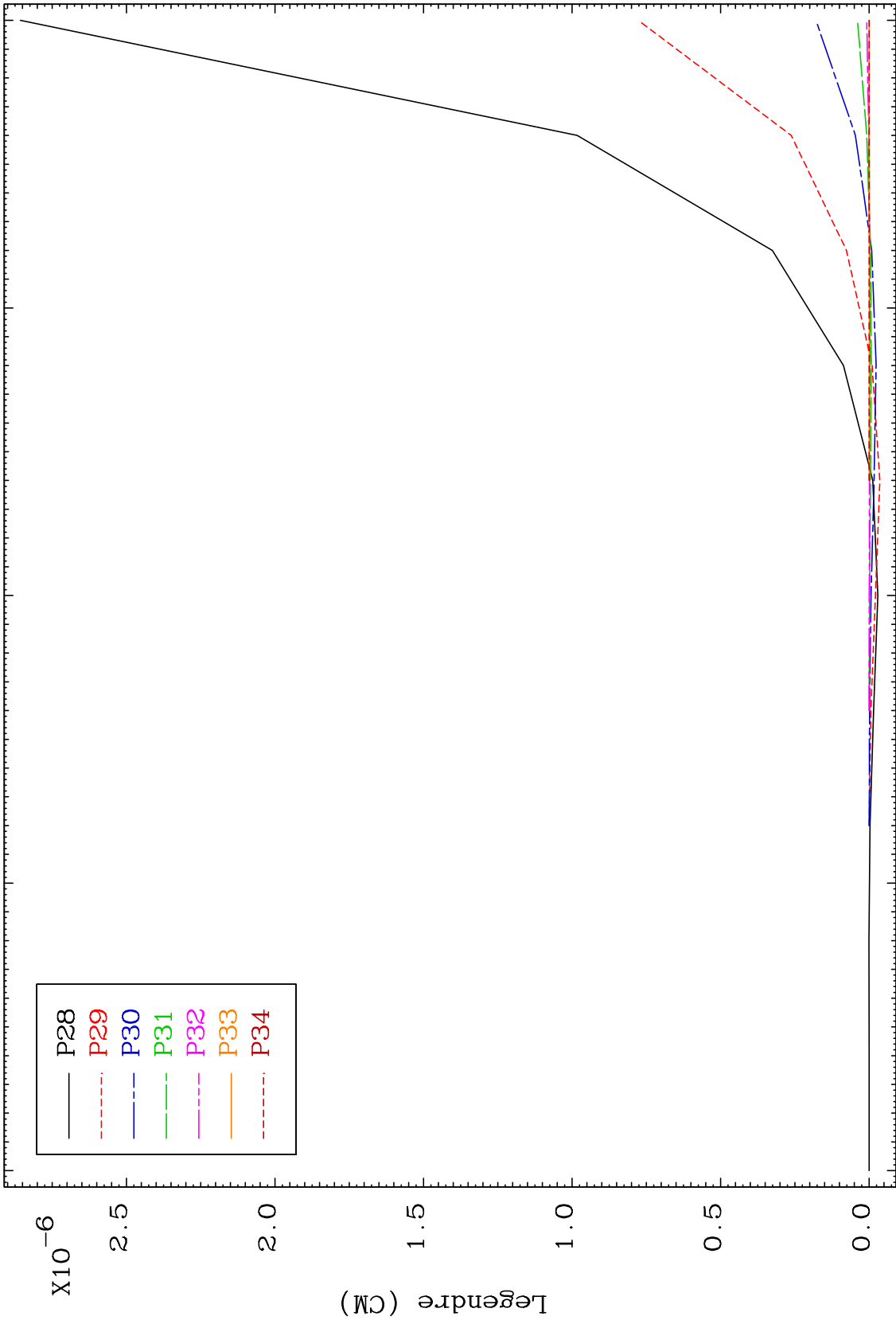
Incident Energy (MeV)

70-Yb-156

MAT 6989

Elastic Legendre Coefficients

70-Yb-156



19

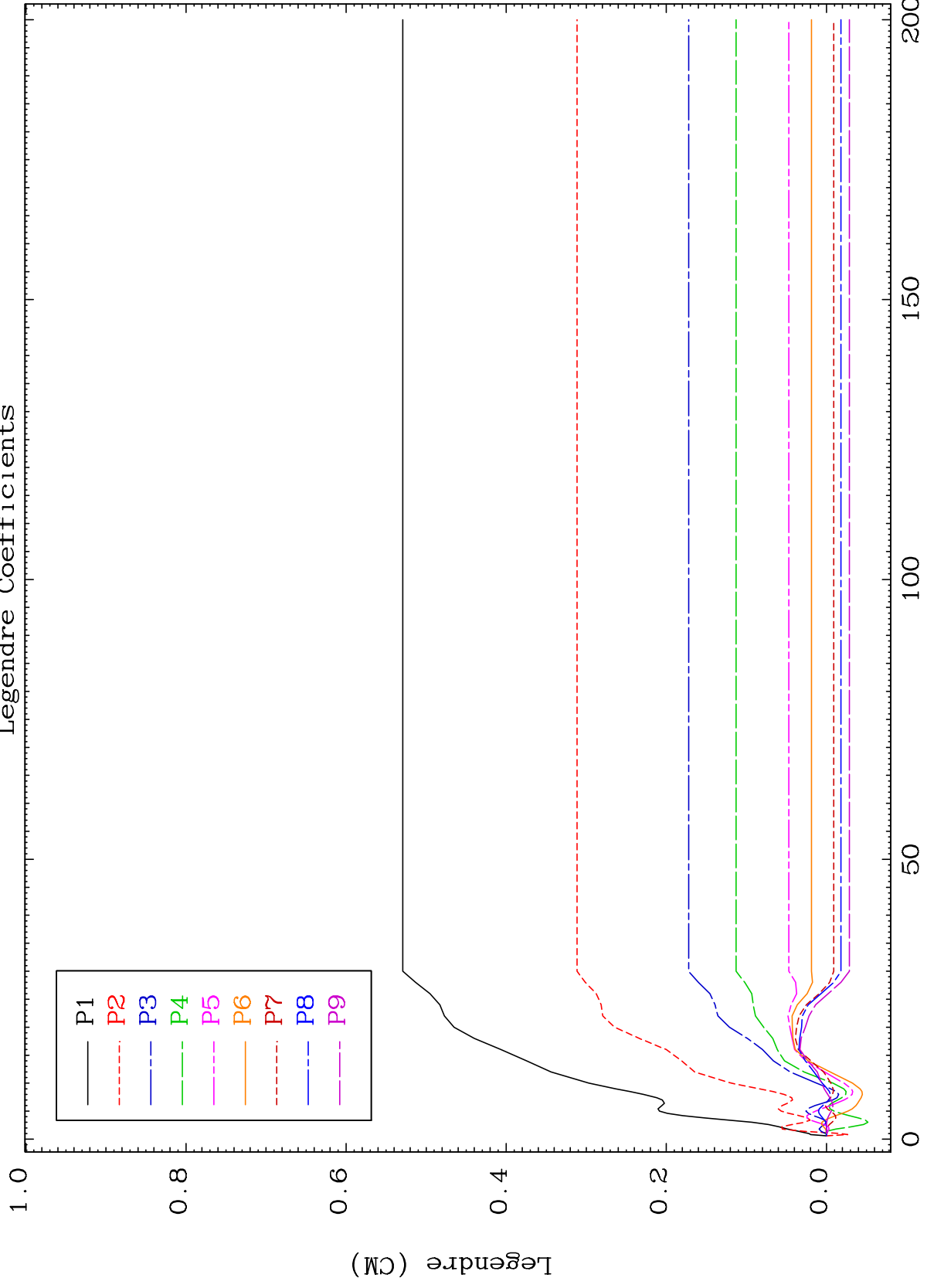
Incident Energy (MeV)

70-Yb-156

MAT 6989

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

70-Yb-156



70-Yb-156

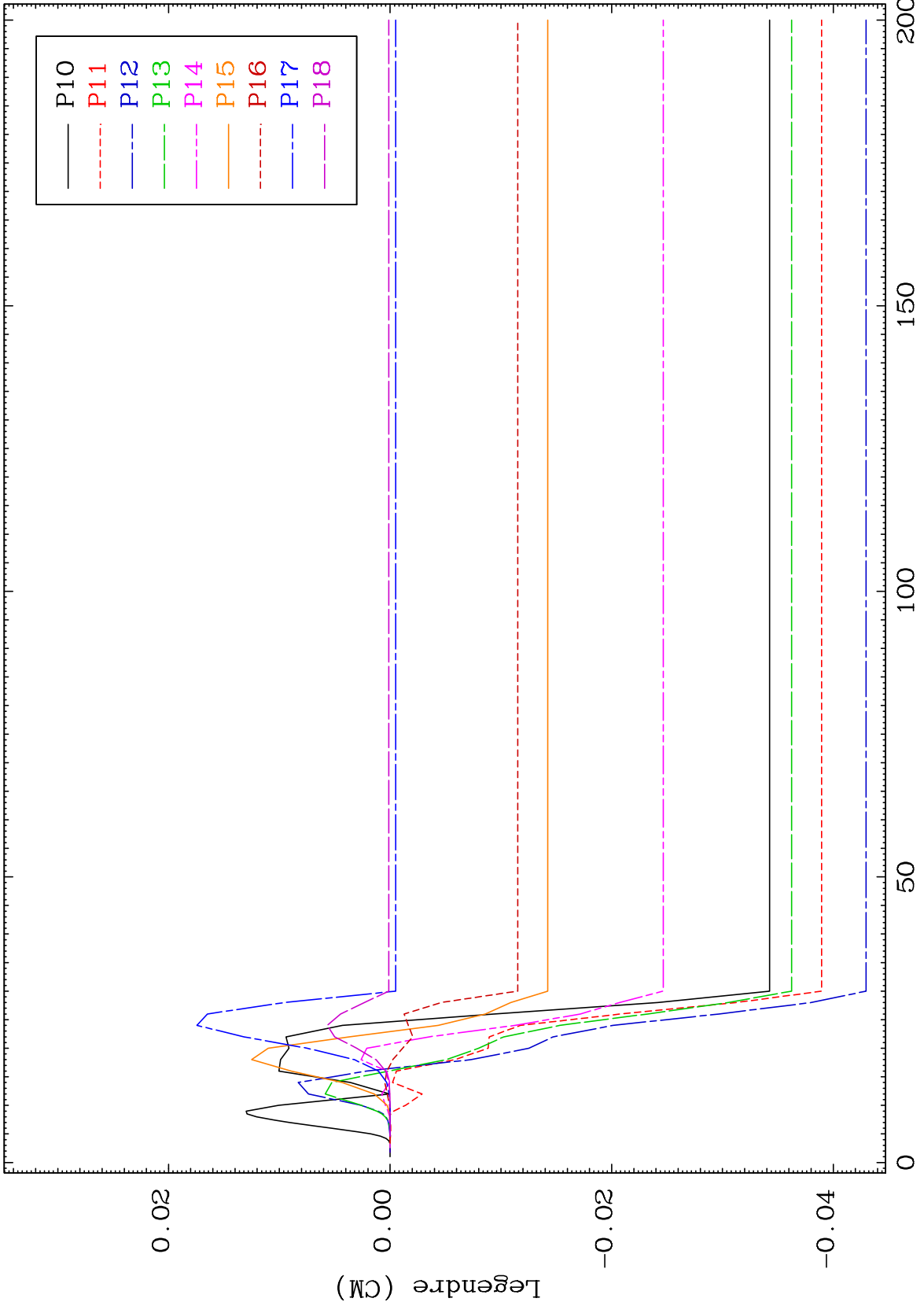
Incident Energy (MeV)

20

MAT 6989

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

70-Yb-156



21

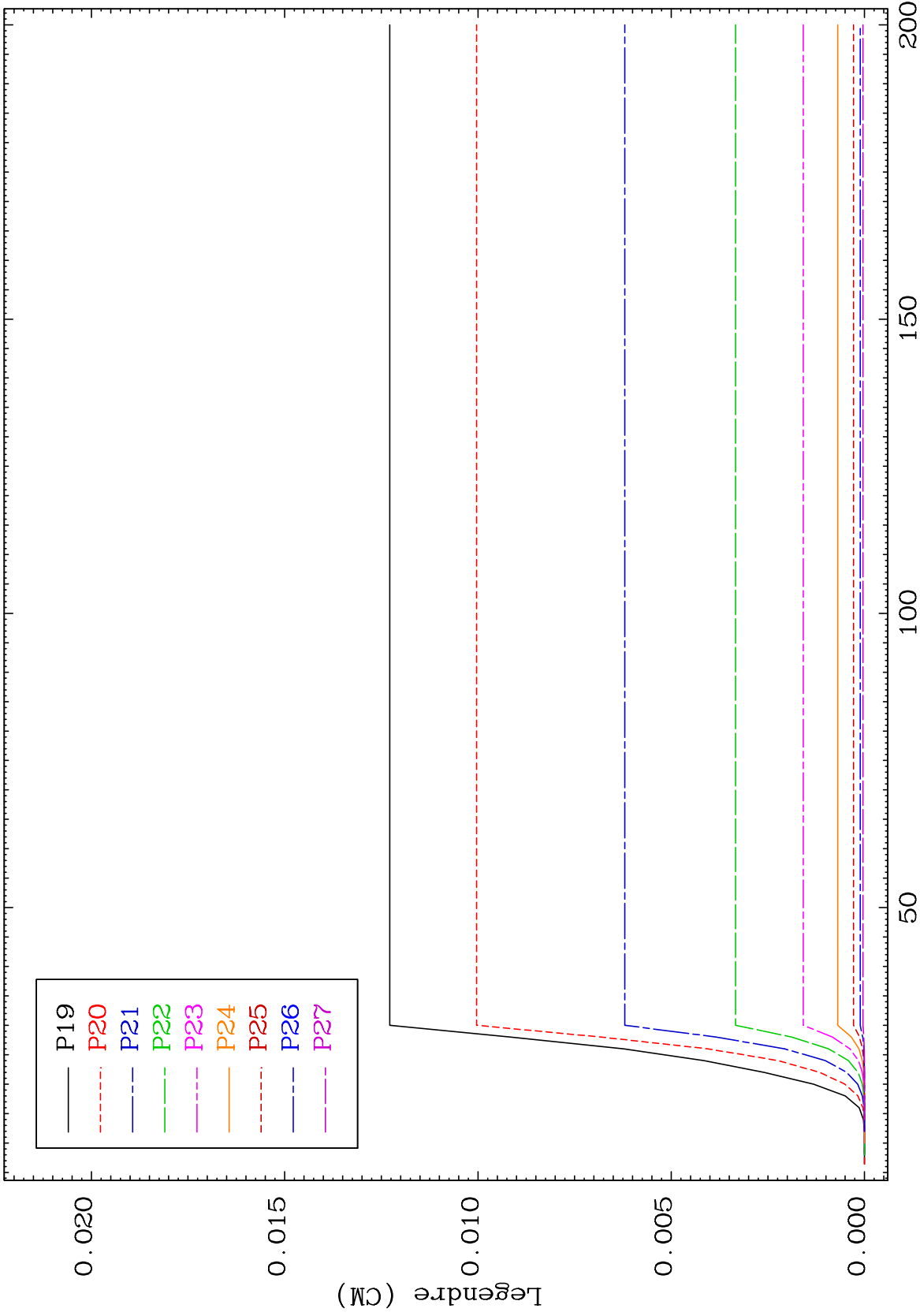
Incident Energy (MeV)

70-Yb-156

MAT 6989

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

70-Yb-156



22

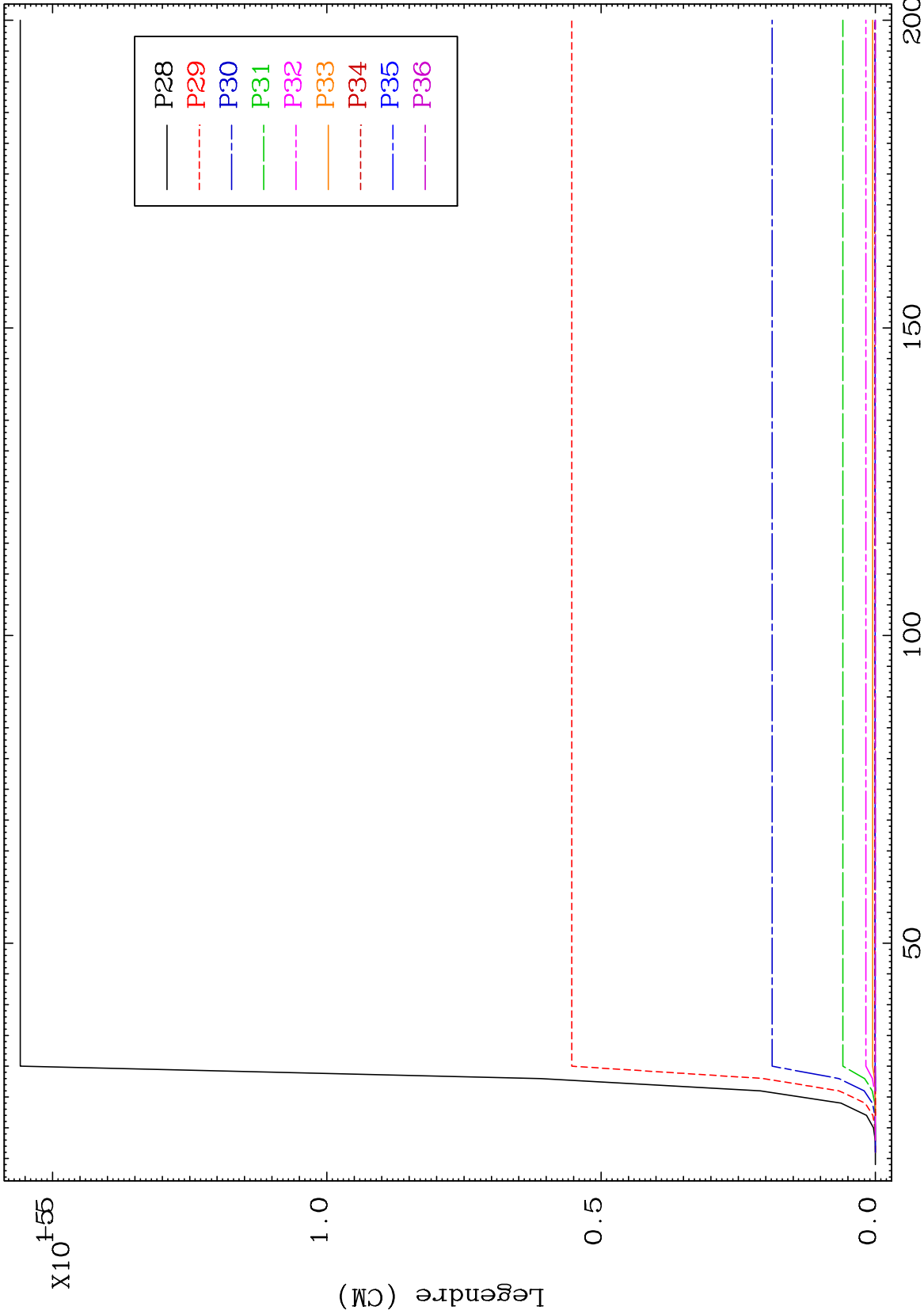
Incident Energy (MeV)

70-Yb-156

MAT 6989

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

70-Yb-156



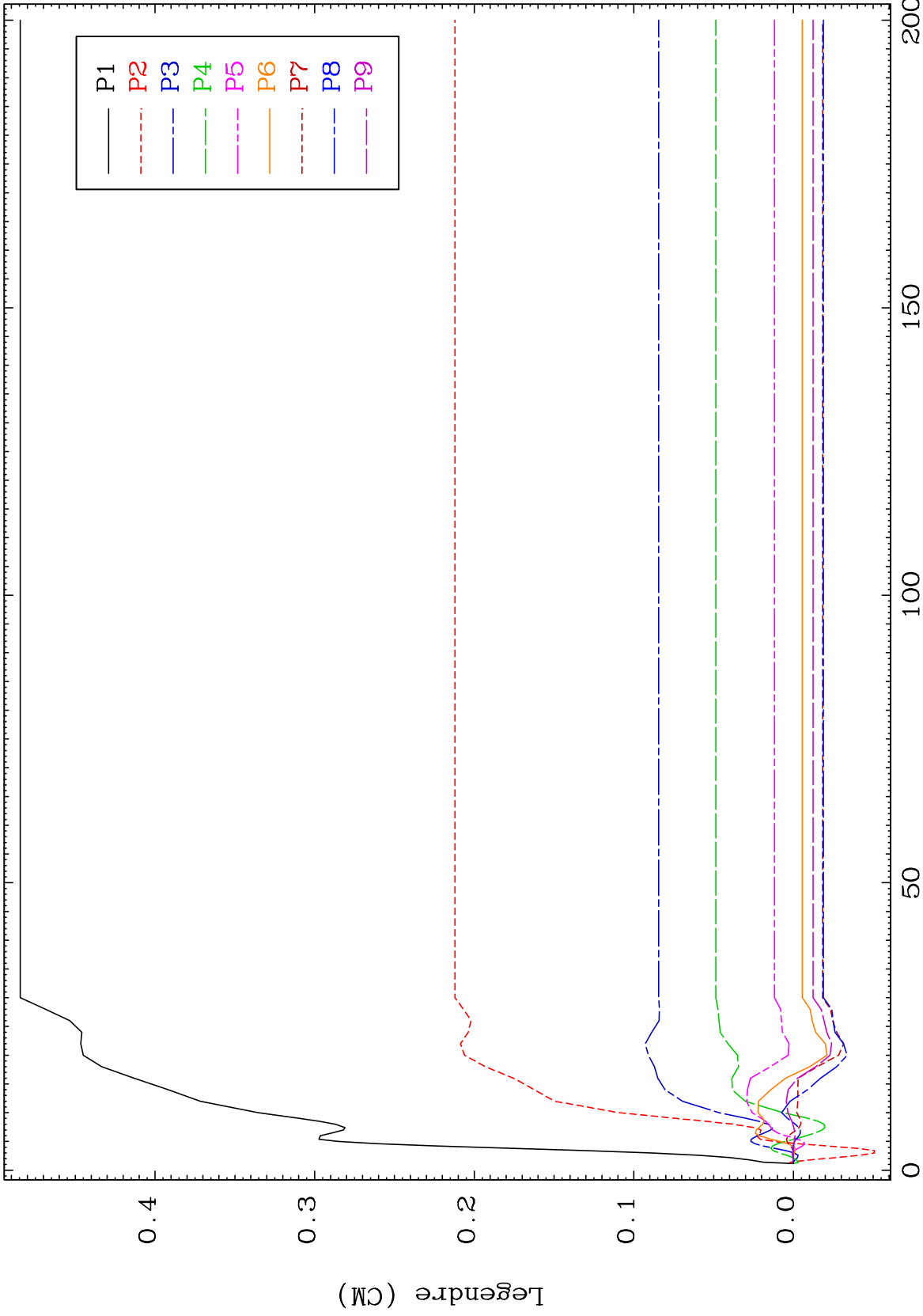
23

70-Yb-156

MAT 6989

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

70-Yb-156



24

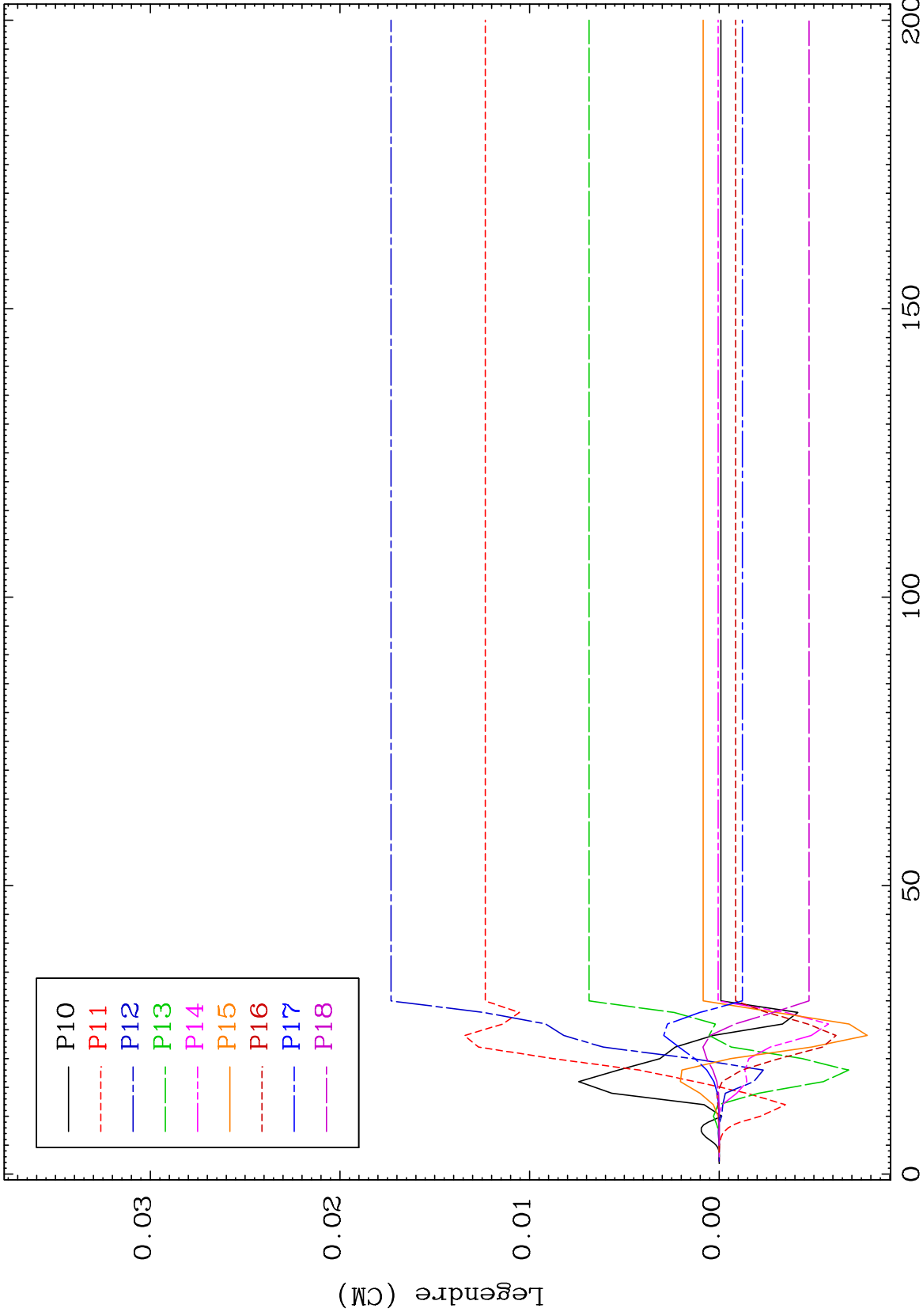
Incident Energy (MeV)

70-Yb-156

MAT 6989

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

70-Yb-156



25

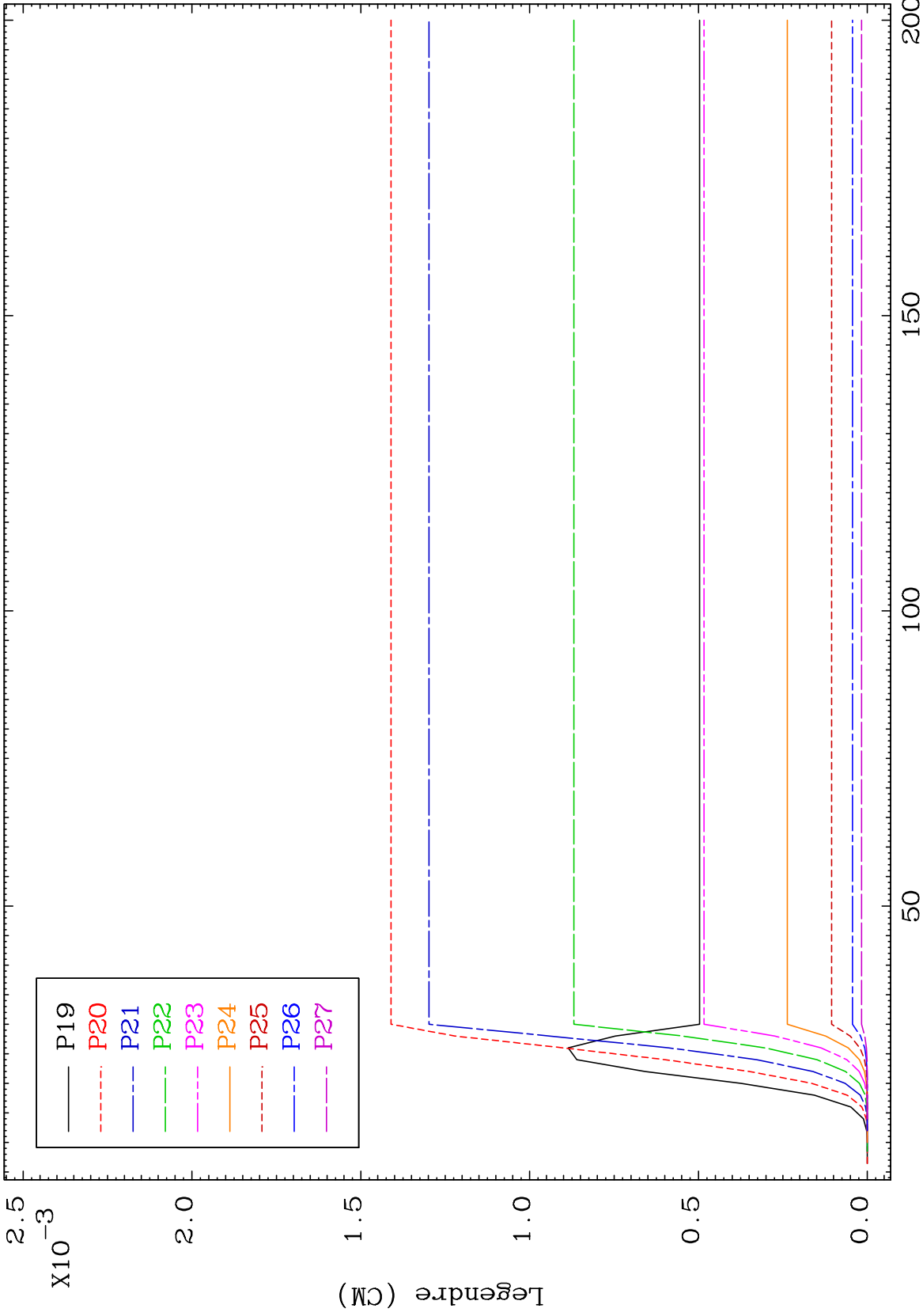
Incident Energy (MeV)

70-Yb-156

MAT 6989

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

70-Yb-156



26

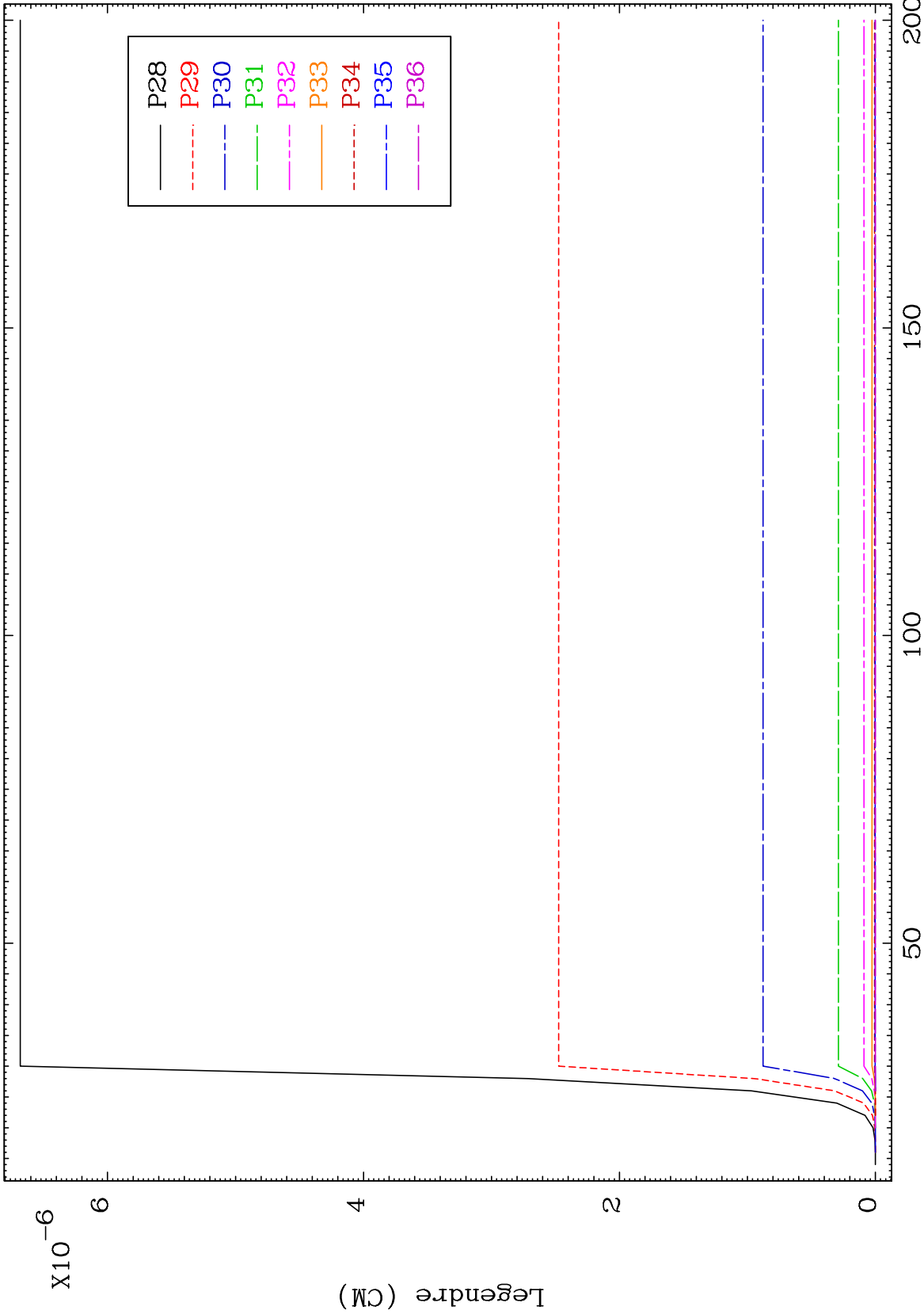
Incident Energy (MeV)

70-Yb-156

MAT 6989

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

70-Yb-156



27

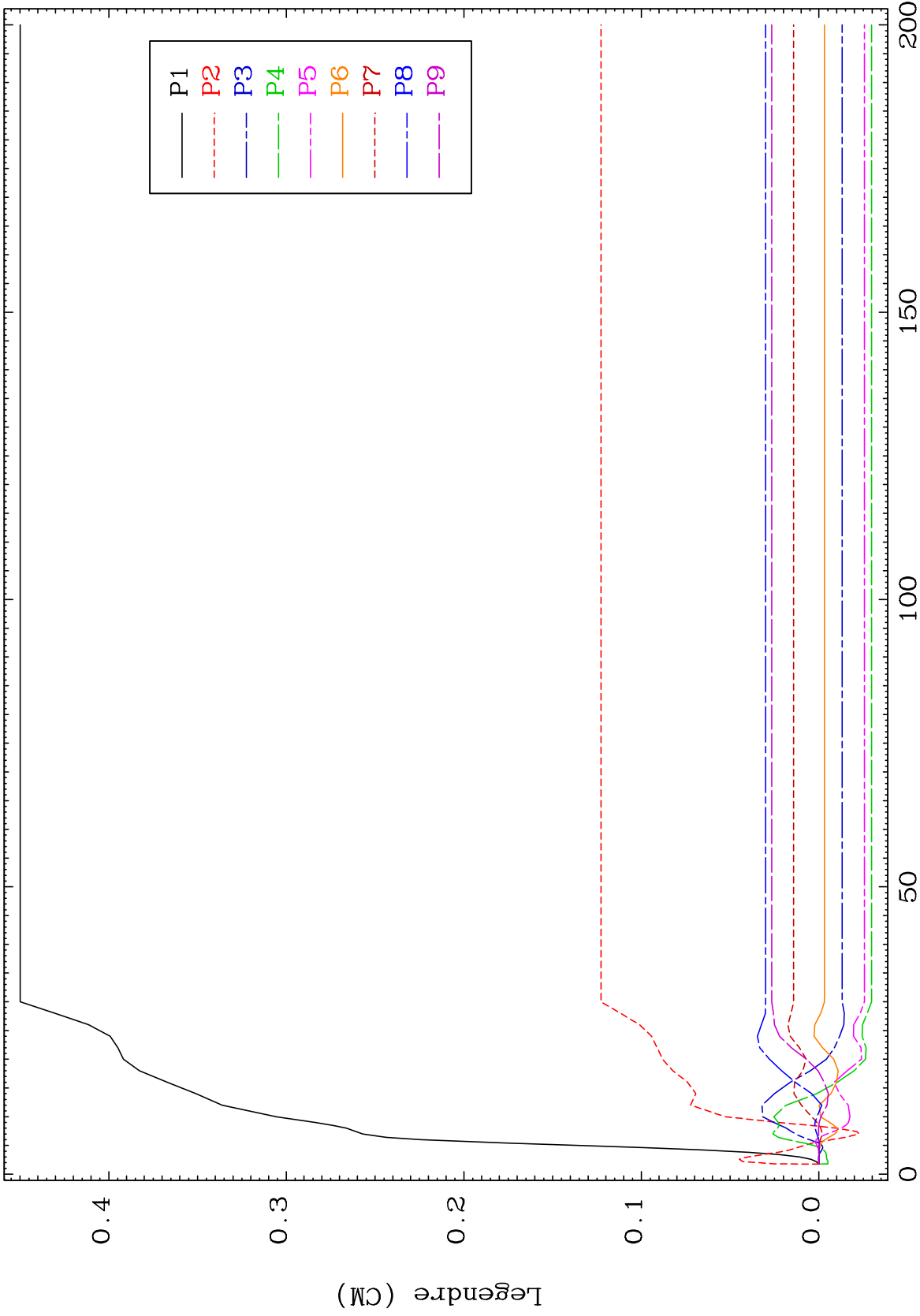
Incident Energy (MeV)

70-Yb-156

MAT 6989

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

70-Yb-156



28

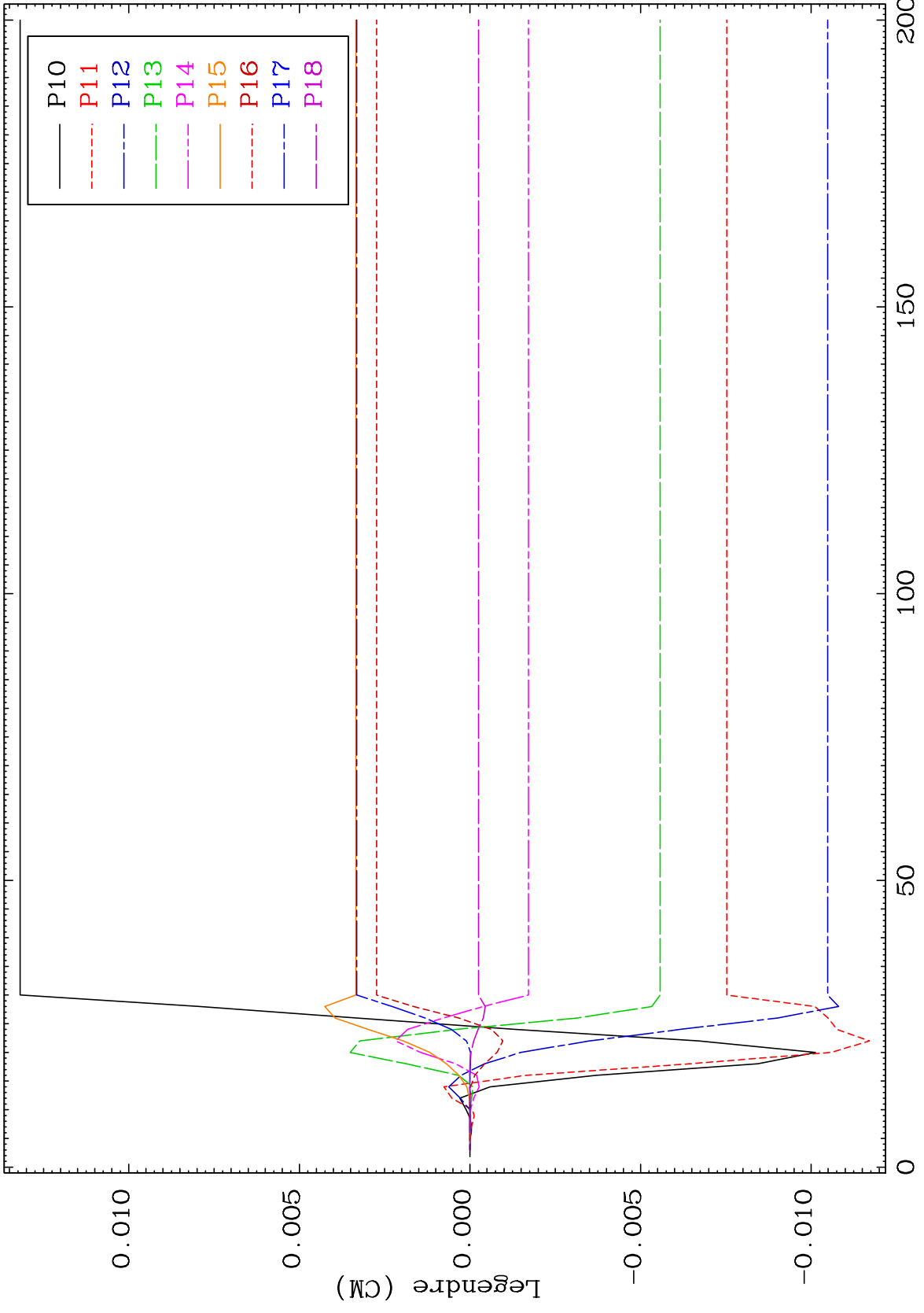
Incident Energy (MeV)

70-Yb-156

MAT 6989

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

70-Yb-156

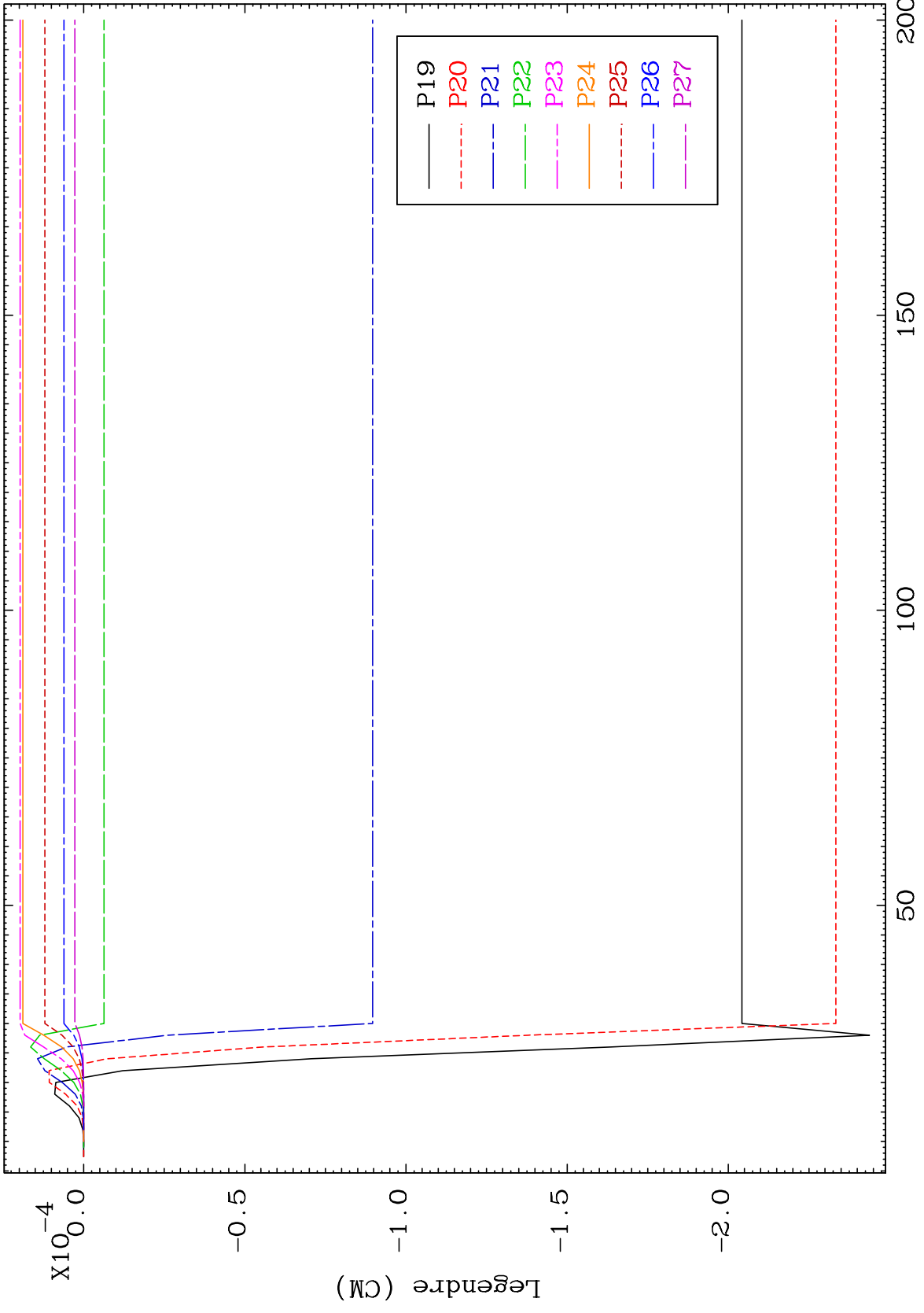


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Incident Energy (MeV)

70-Yb-156

MAT 6989 MT= 53 (n,n') Level Legendre Coefficients 70-Yb-156

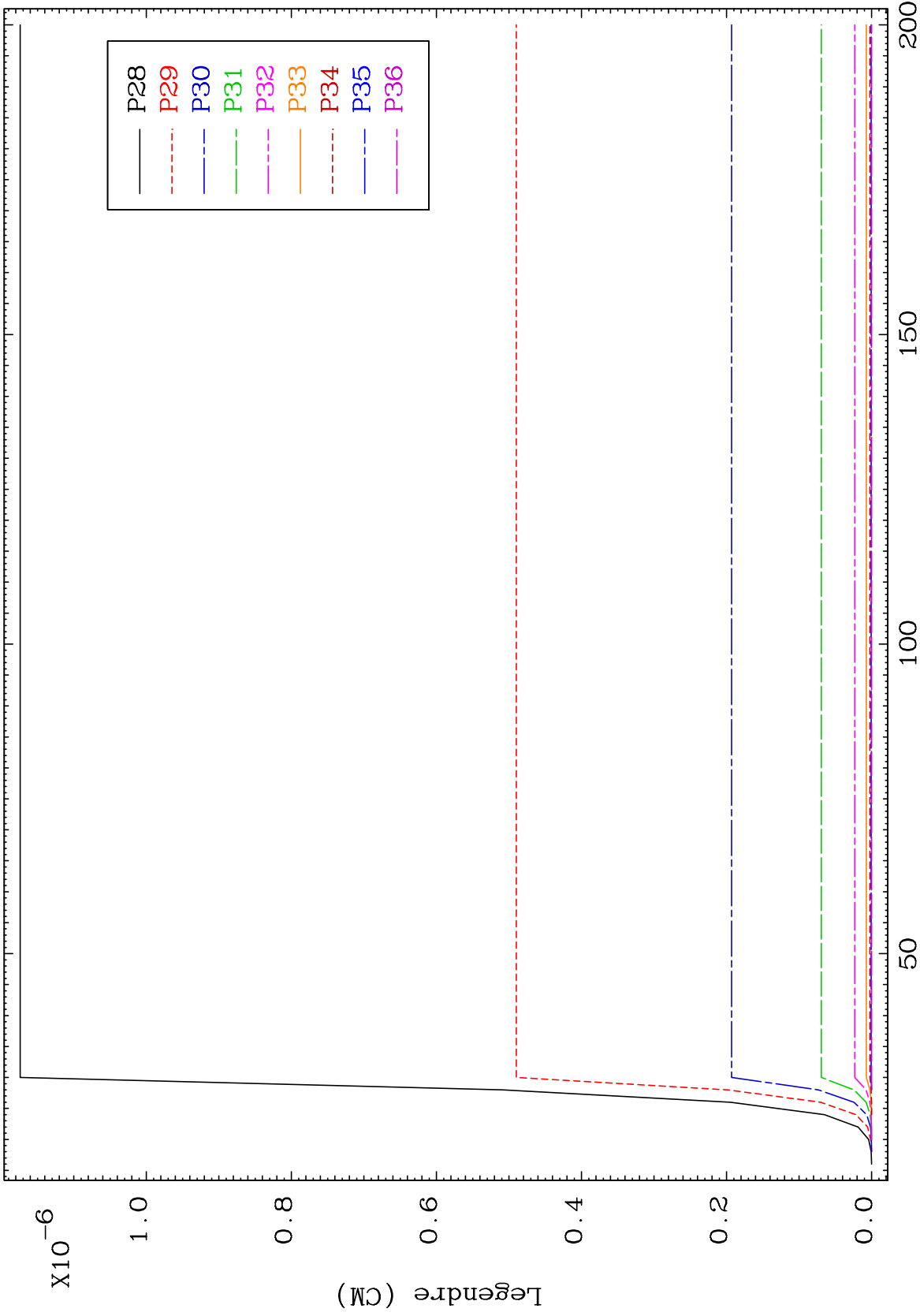


30 Incident Energy (MeV) 70-Yb-156

MAT 6989

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

70-Yb-156

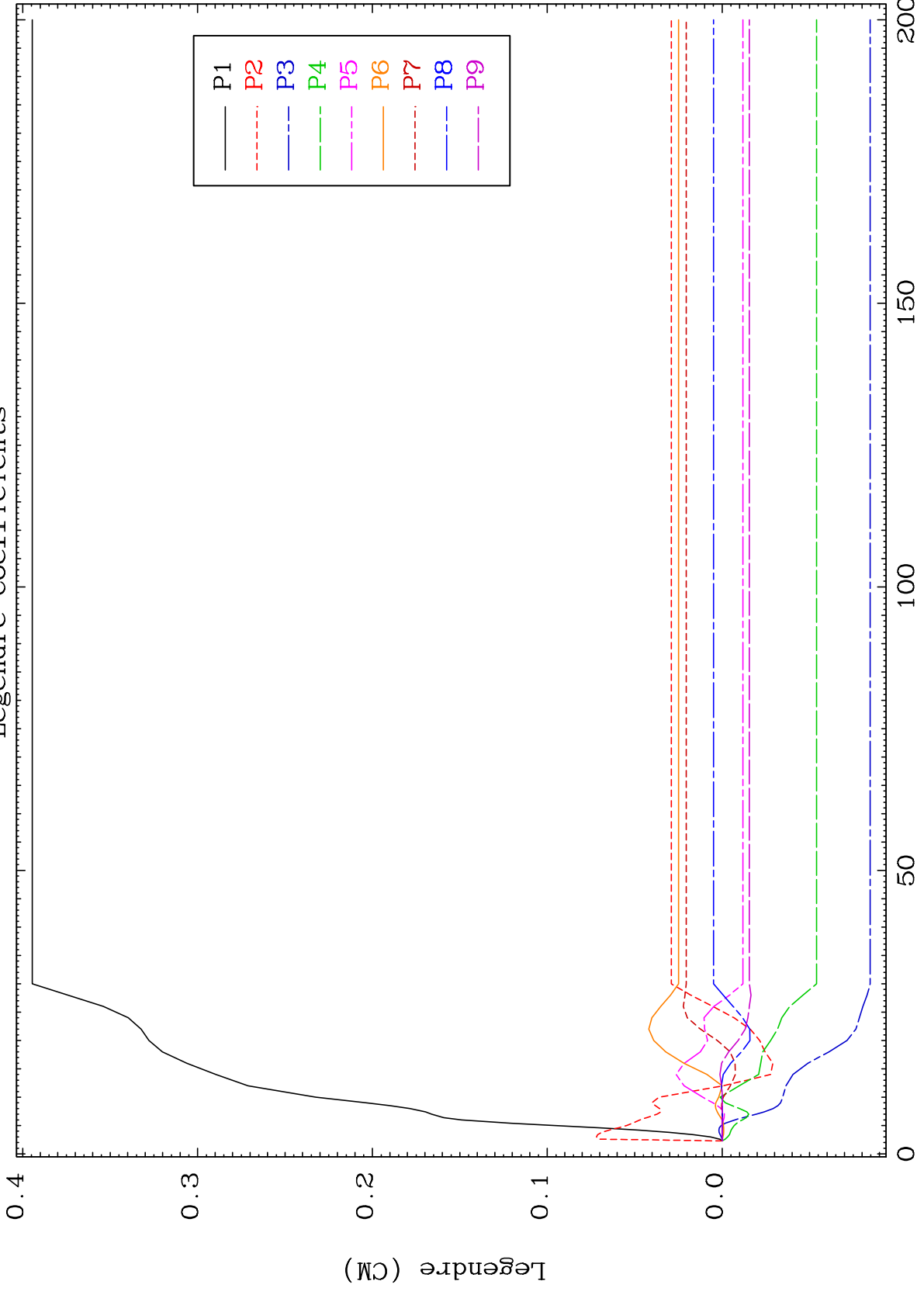


31

Incident Energy (MeV)

70-Yb-156

MAT 6989 MT= 54 (n,n') Level Legendre Coefficients 70-Yb-156

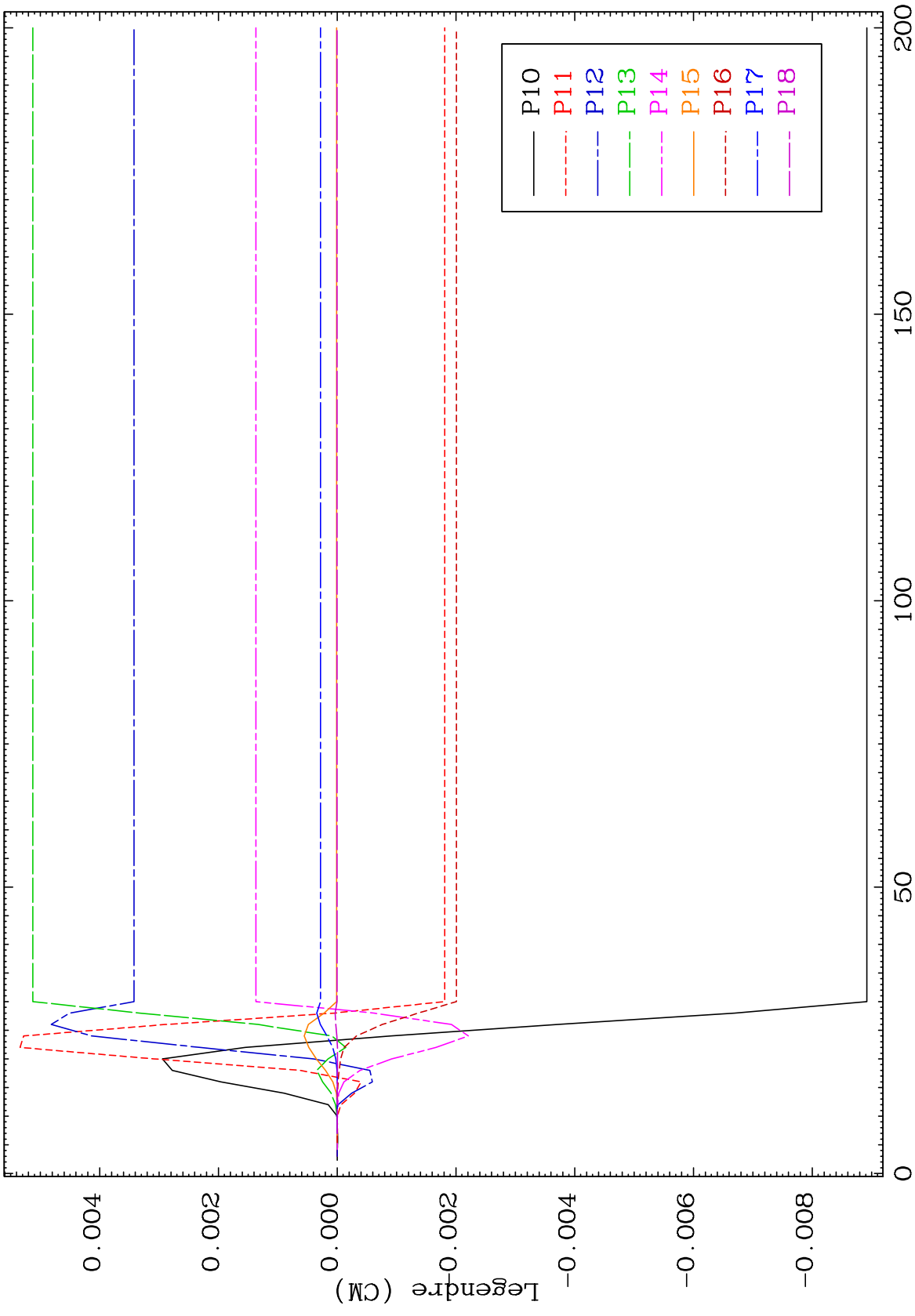


32 Incident Energy (MeV) 70-Yb-156

MAT 6989

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

70-Yb-156



33

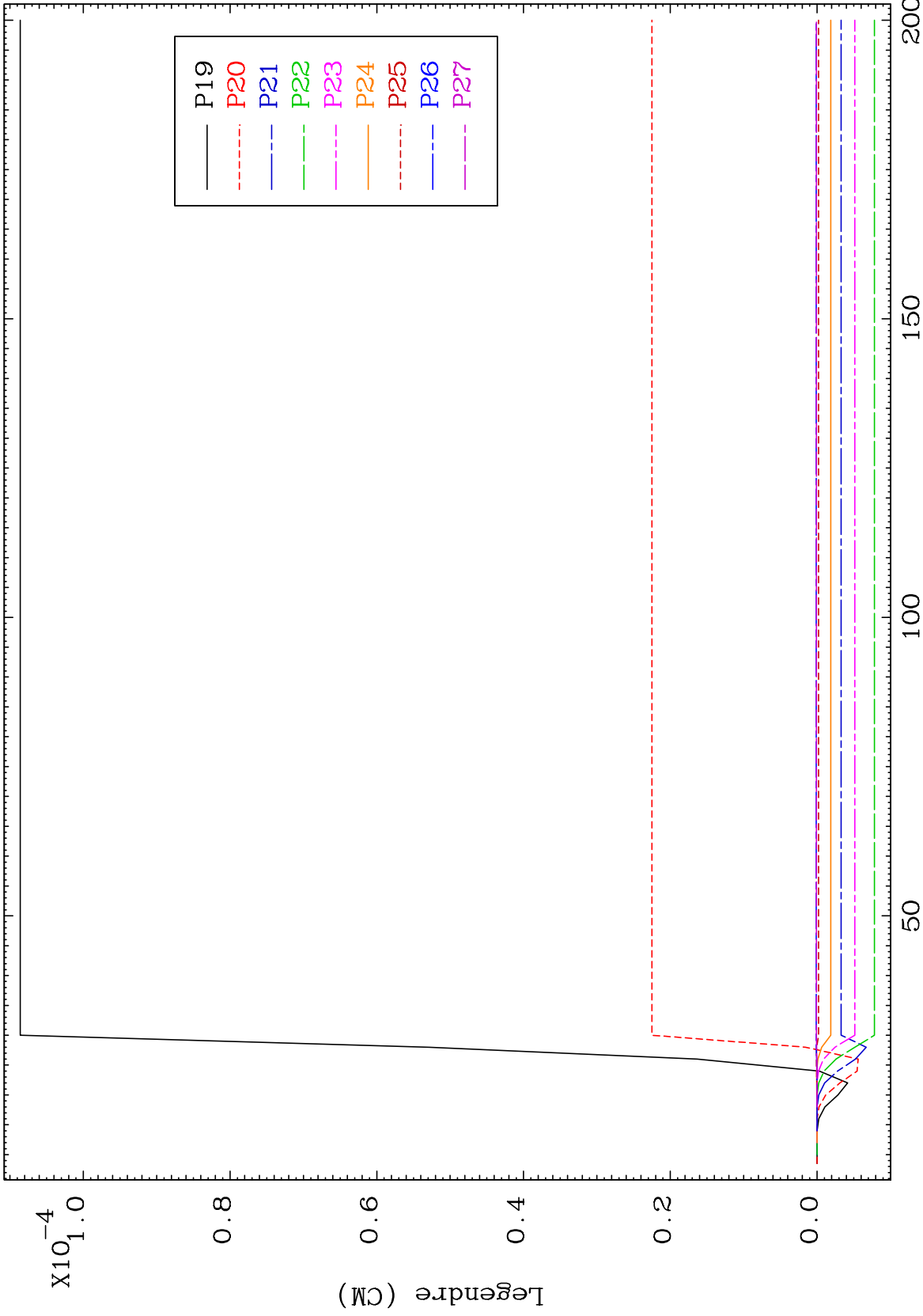
Incident Energy (MeV)

70-Yb-156

MAT 6989

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

70-Yb-156



34

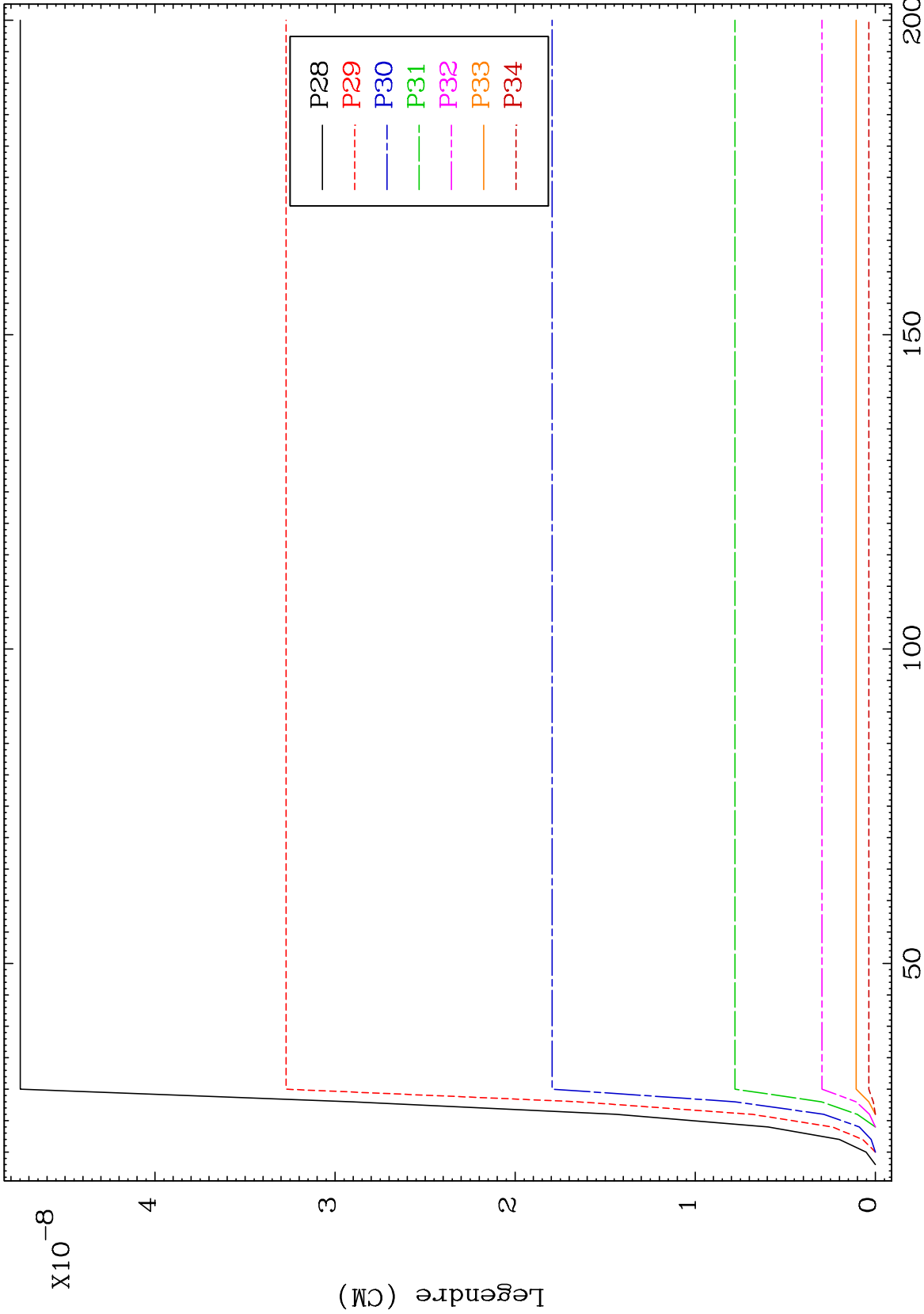
Incident Energy (MeV)

70-Yb-156

MAT 6989

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

70-Yb-156



35

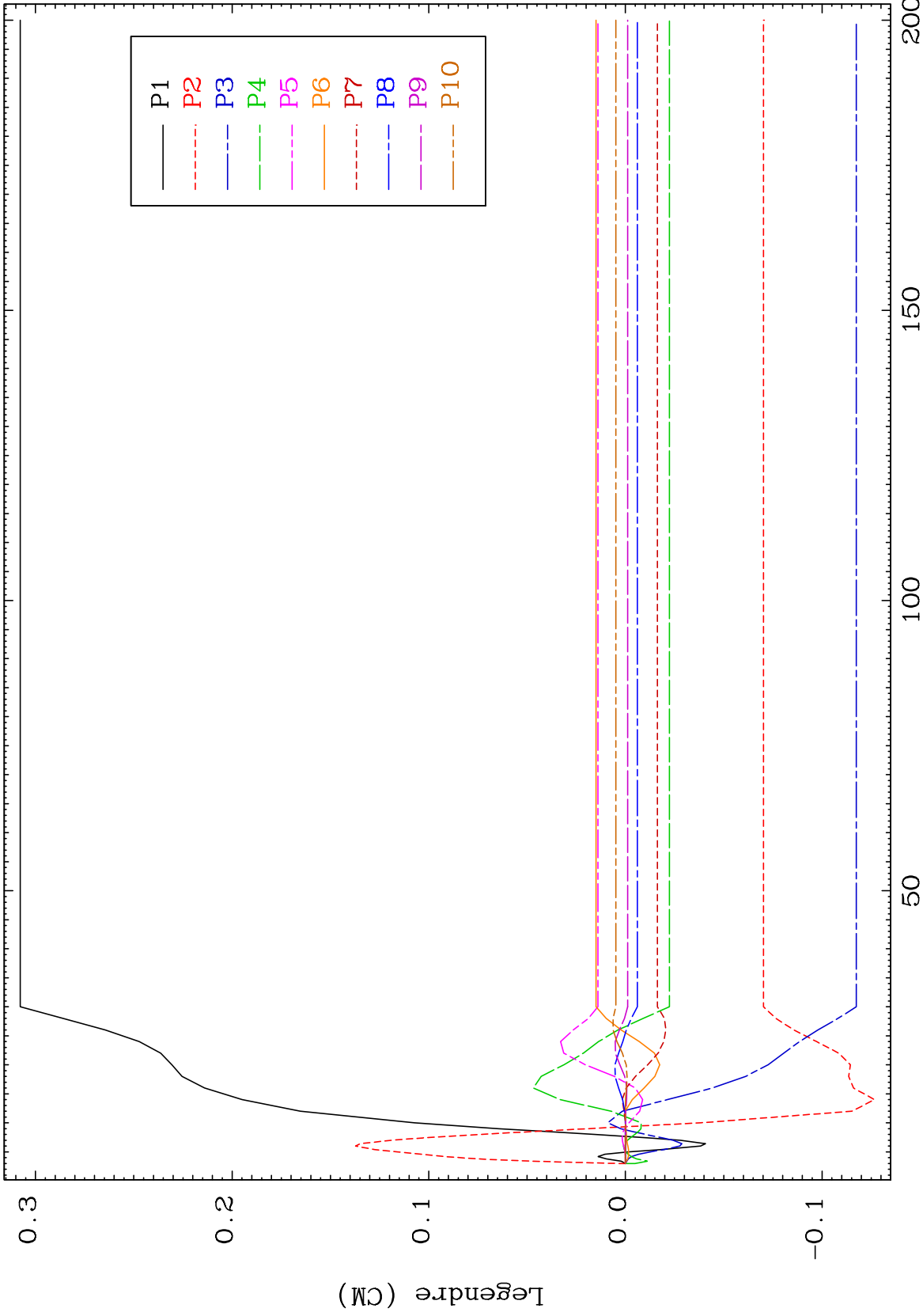
Incident Energy (MeV)

70-Yb-156

MAT 6989

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

70-Yb-156



36

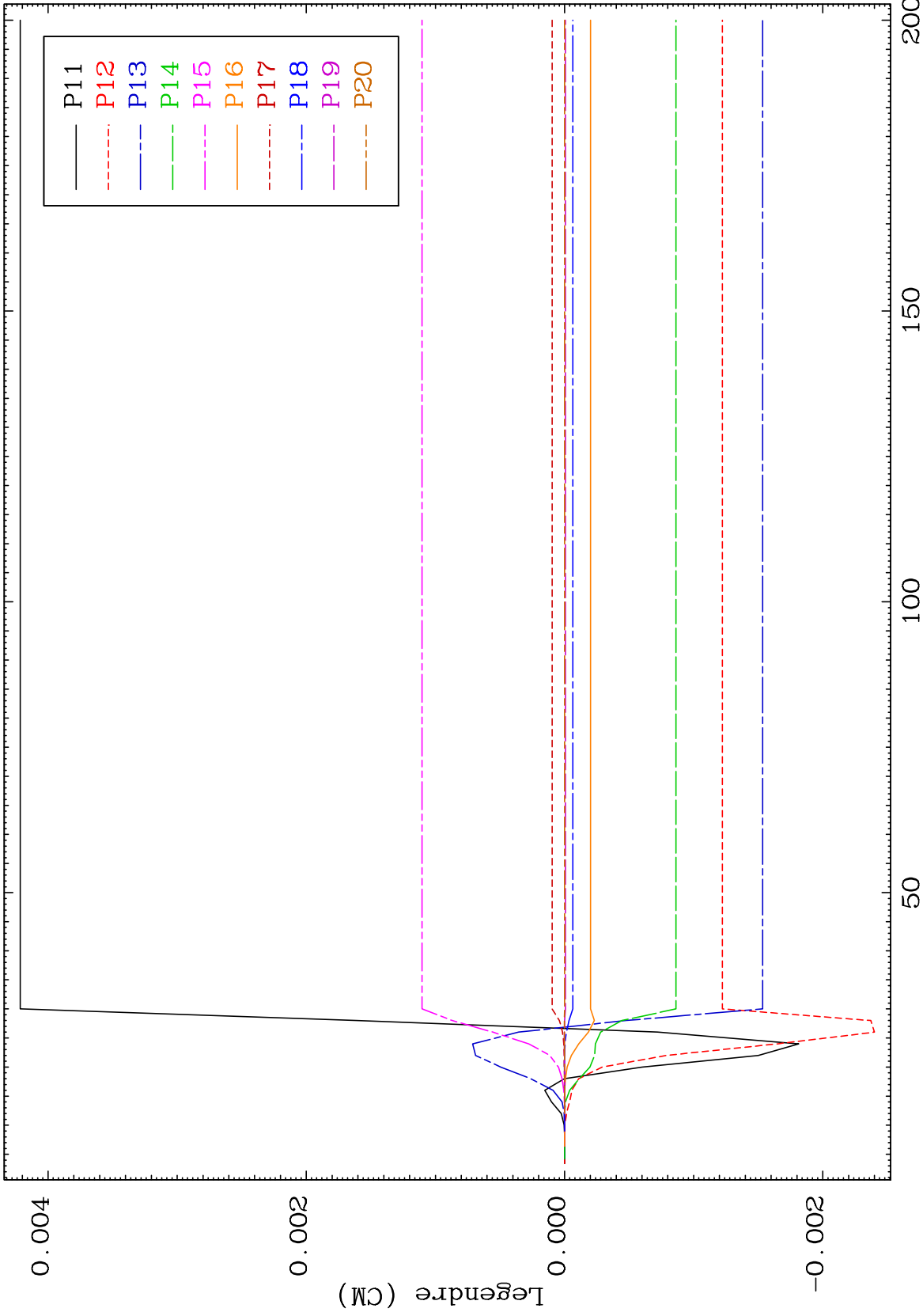
Incident Energy (MeV)

70-Yb-156

MAT 6989

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

70-Yb-156



37

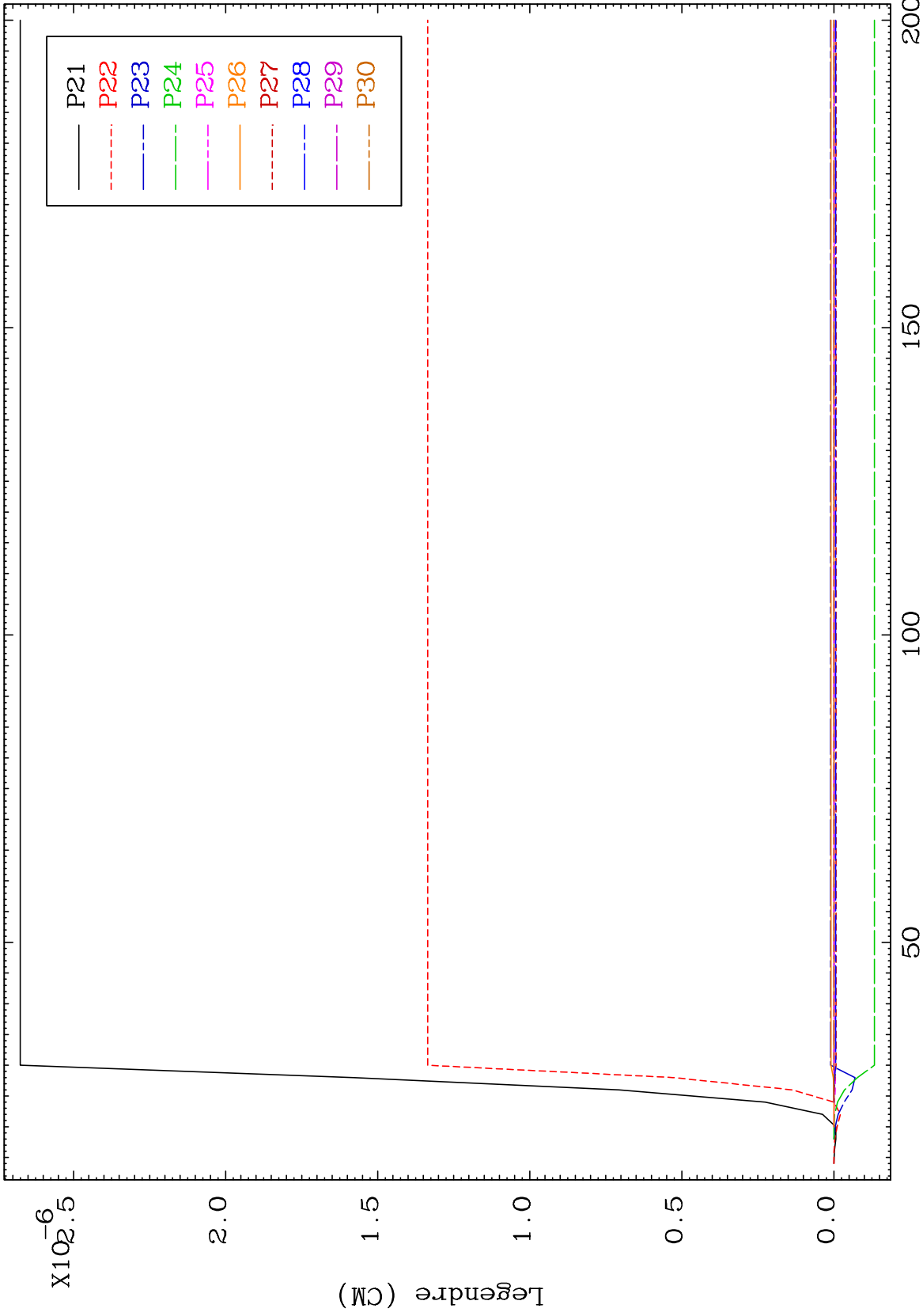
Incident Energy (MeV)

70-Yb-156

MAT 6989

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

70-Yb-156



38

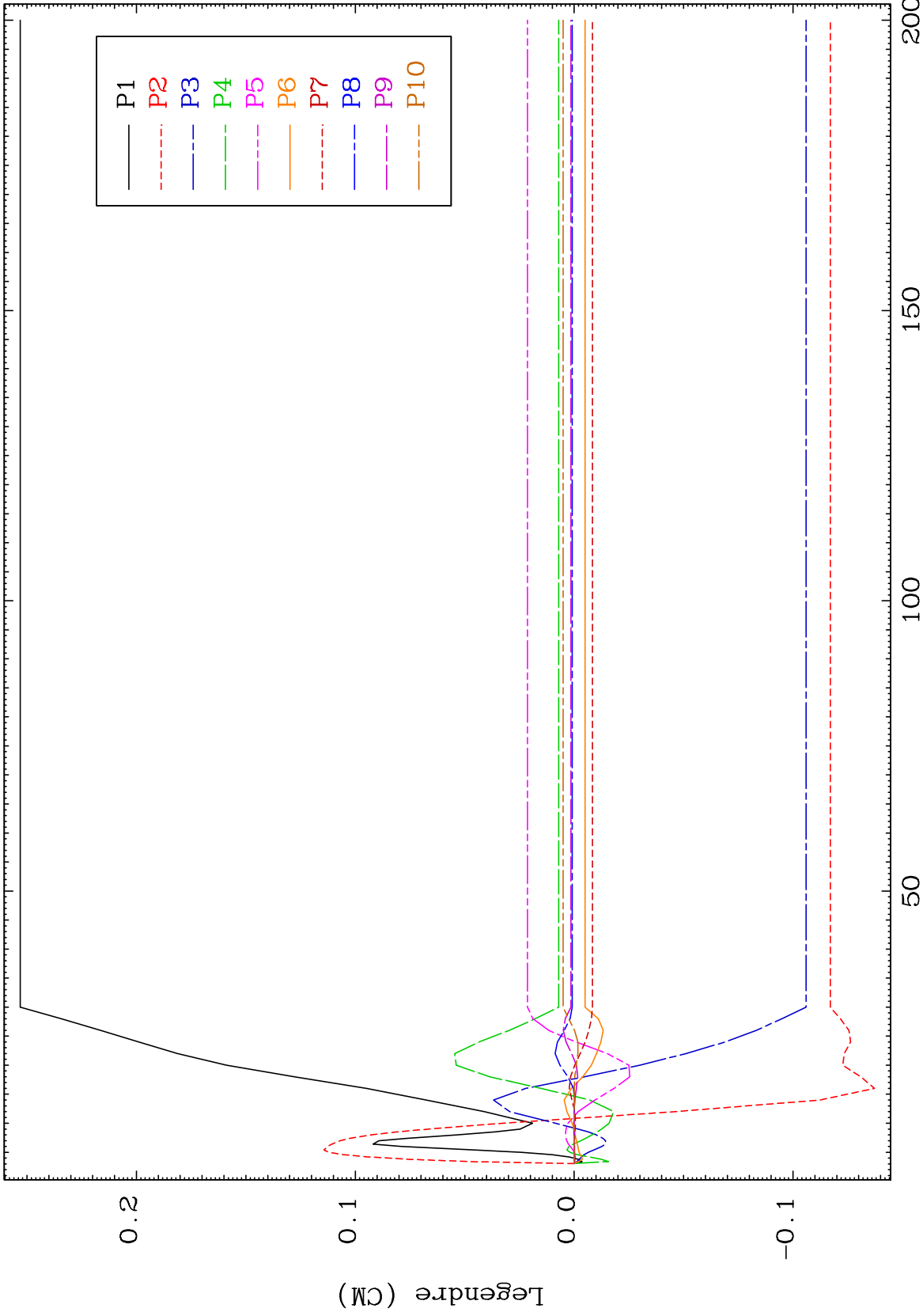
Incident Energy (MeV)

70-Yb-156

MAT 6989

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

70-Yb-156



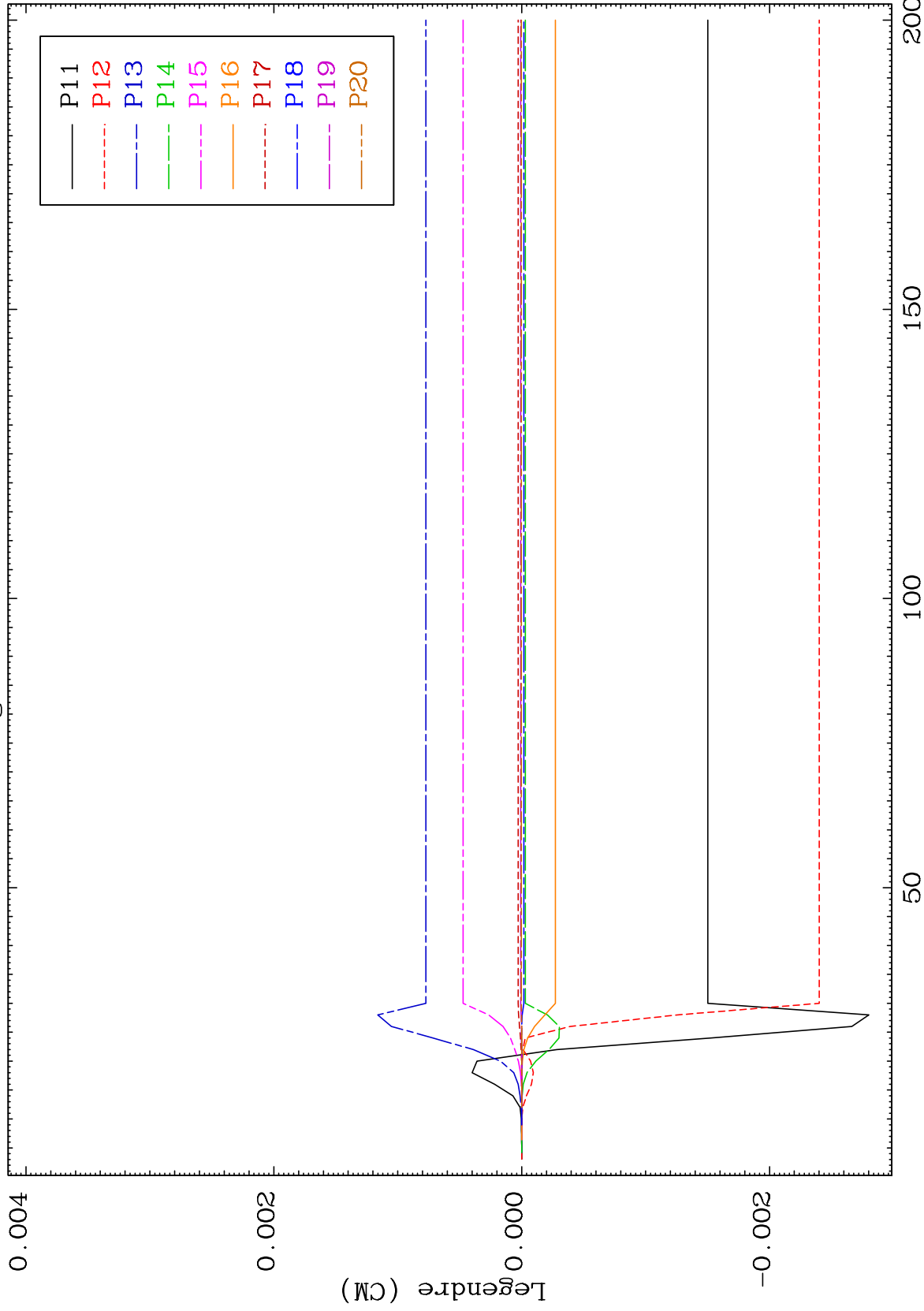
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70-Yb-156

MAT 6989

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

70-Yb-156



40

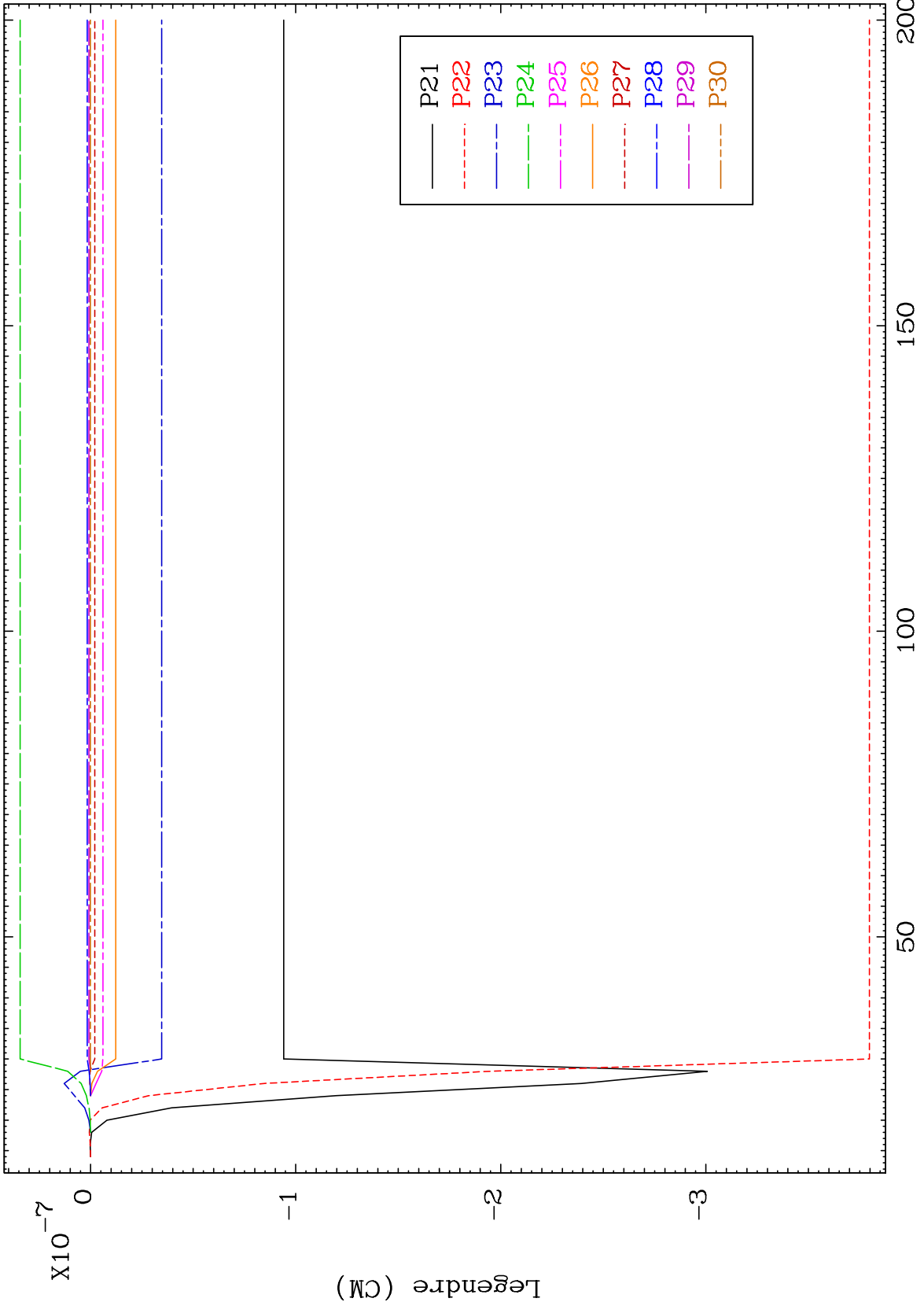
Incident Energy (MeV)

70-Yb-156

MAT 6989

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

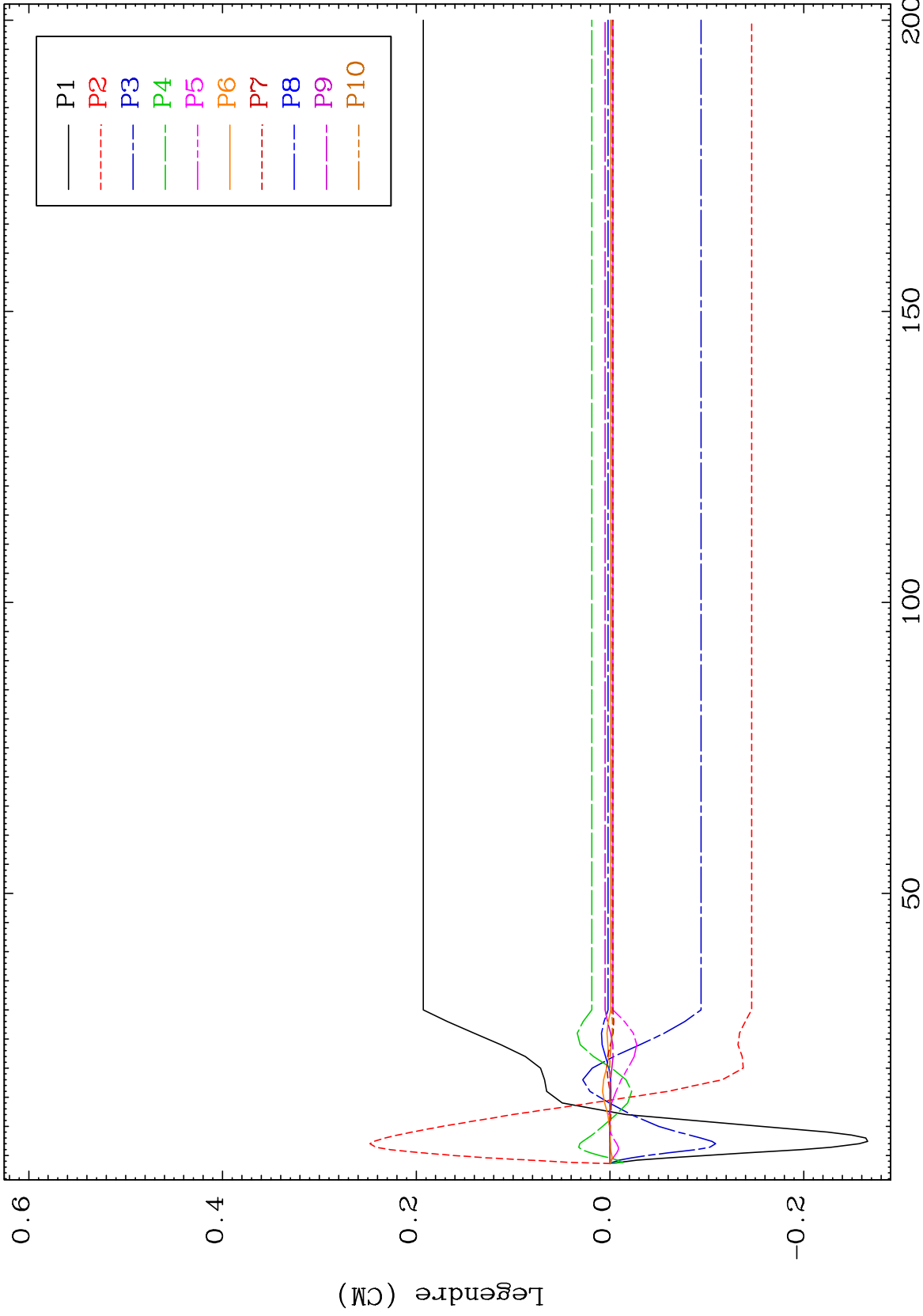
70-Yb-156



MAT 6989

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

70-Yb-156



42

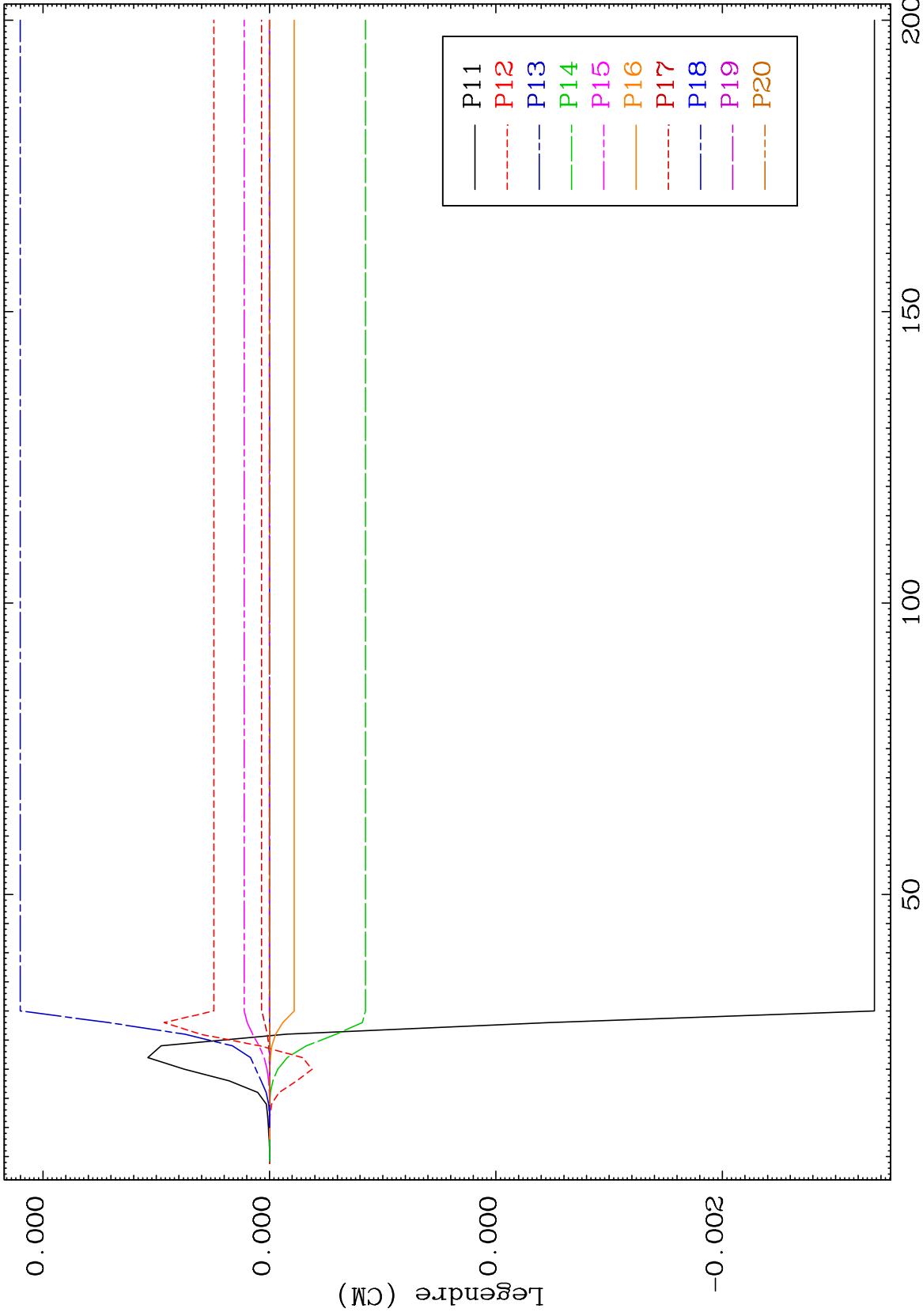
Incident Energy (MeV)

70-Yb-156

MAT 6989

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

70-Yb-156



43

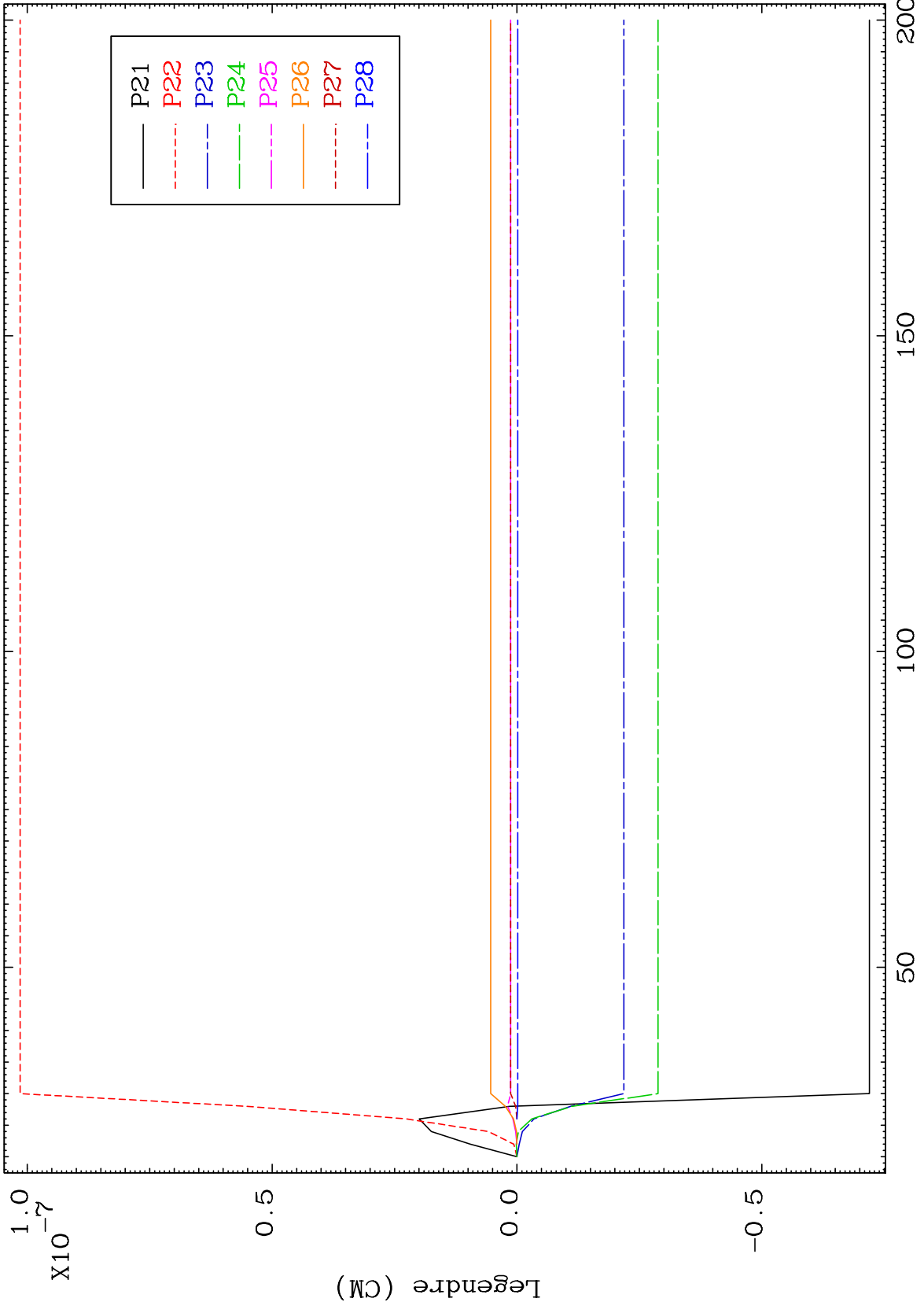
Incident Energy (MeV)

70-Yb-156

MAT 6989

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

70-Yb-156



44

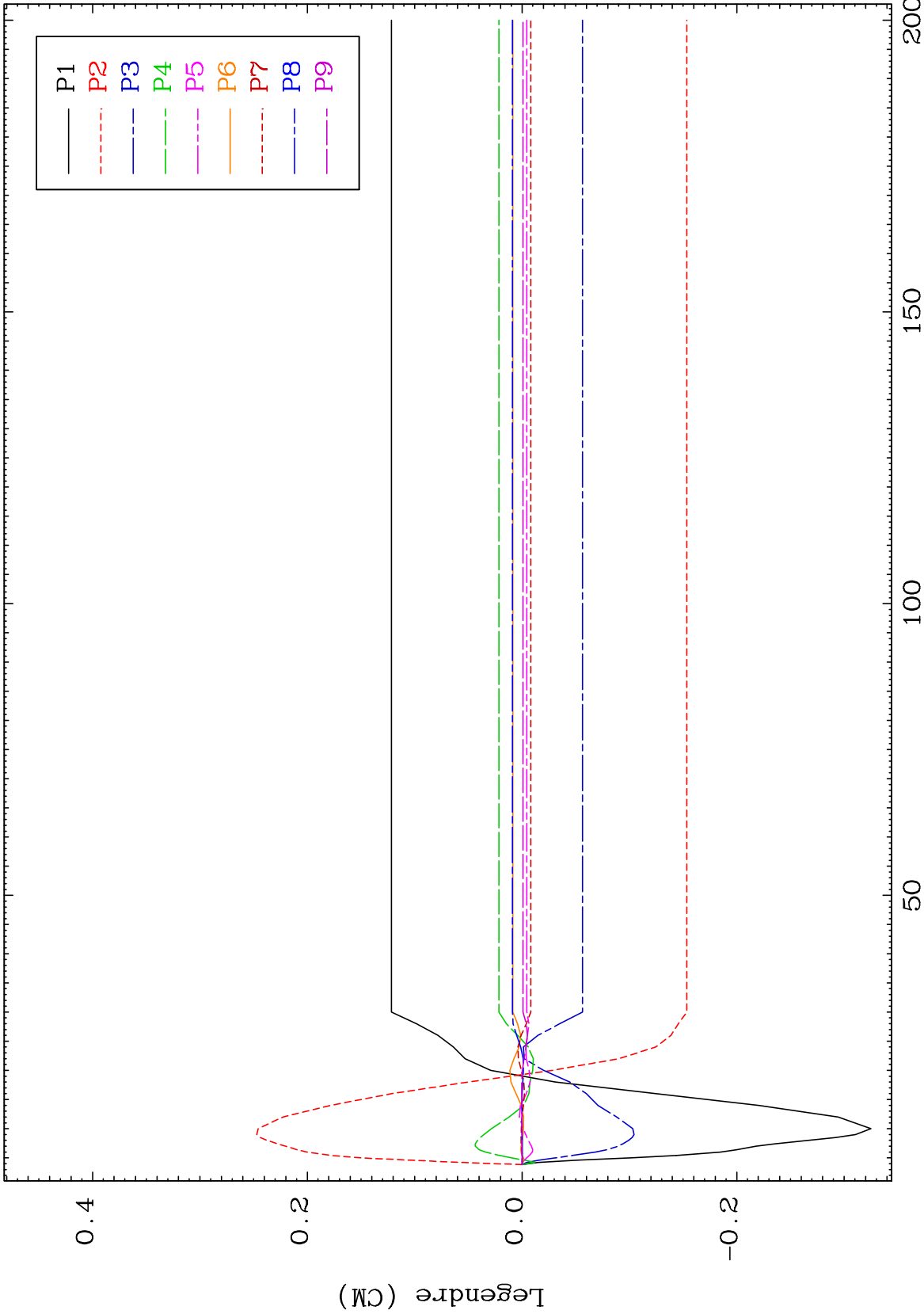
Incident Energy (MeV)

70-Yb-156

MAT 6989

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

70-Yb-156



45

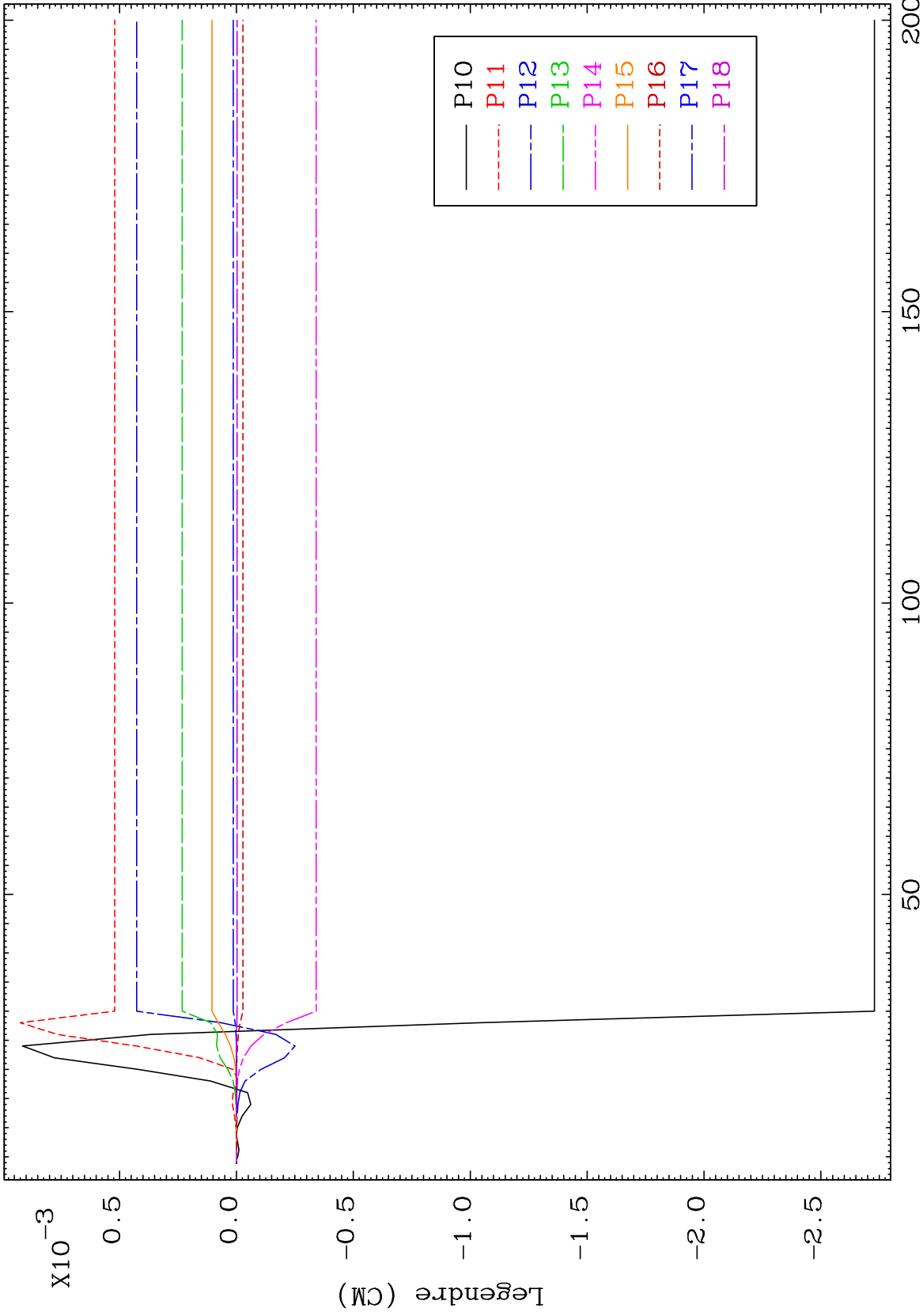
Incident Energy (MeV)

70-Yb-156

MAT 6989

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

70-Yb-156



46

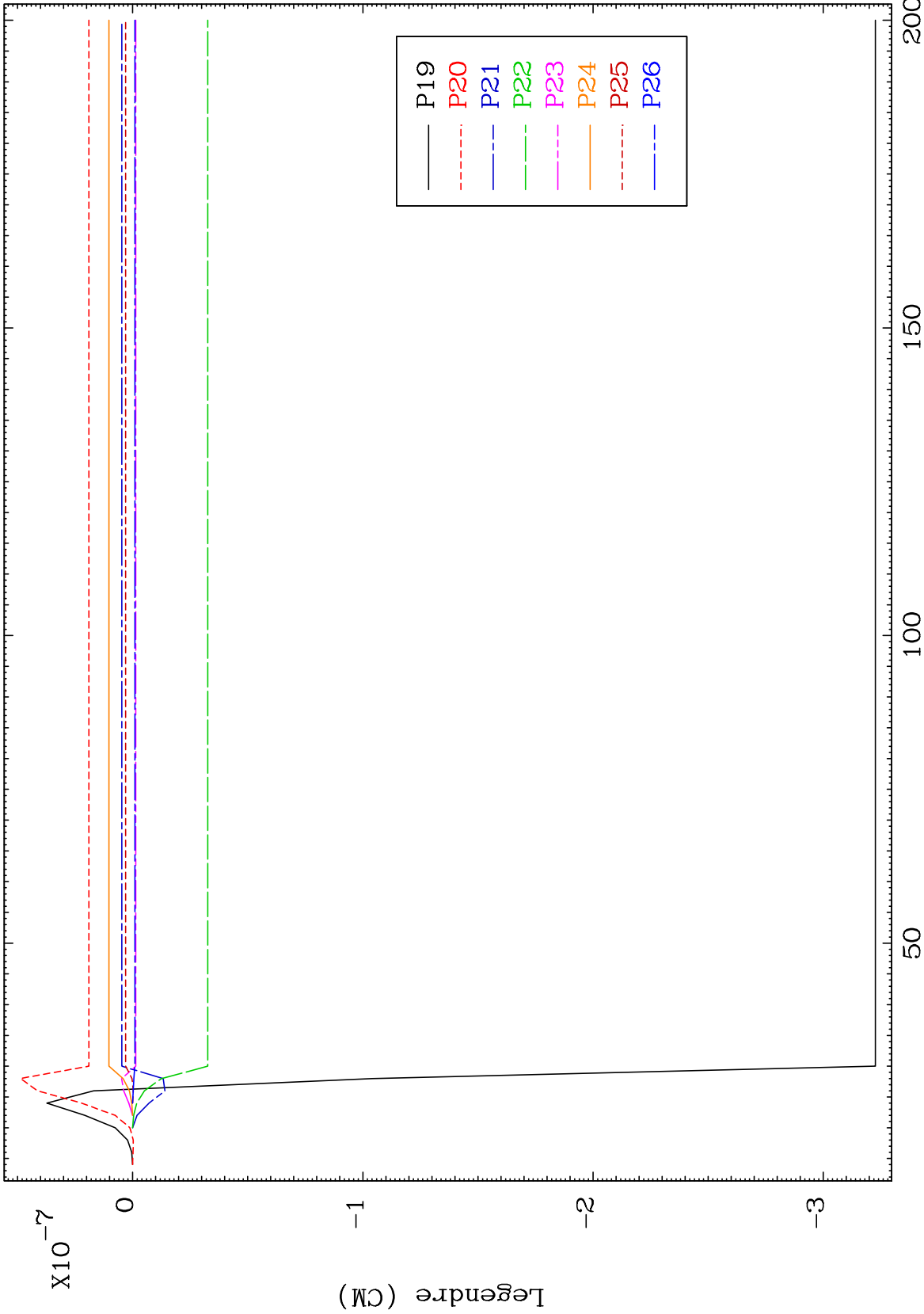
Incident Energy (MeV)

70-Yb-156

MAT 6989

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

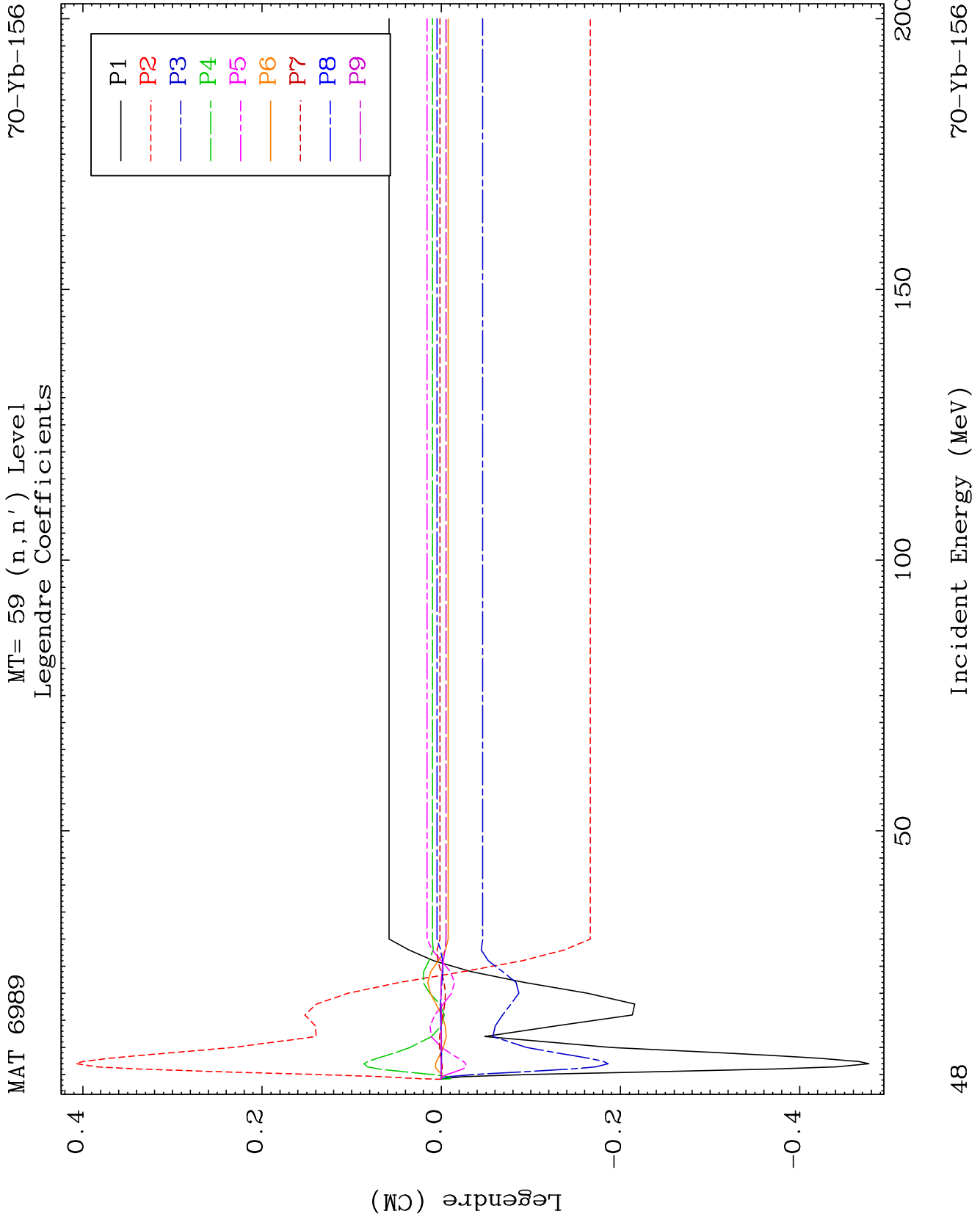
70-Yb-156



47

Incident Energy (MeV)

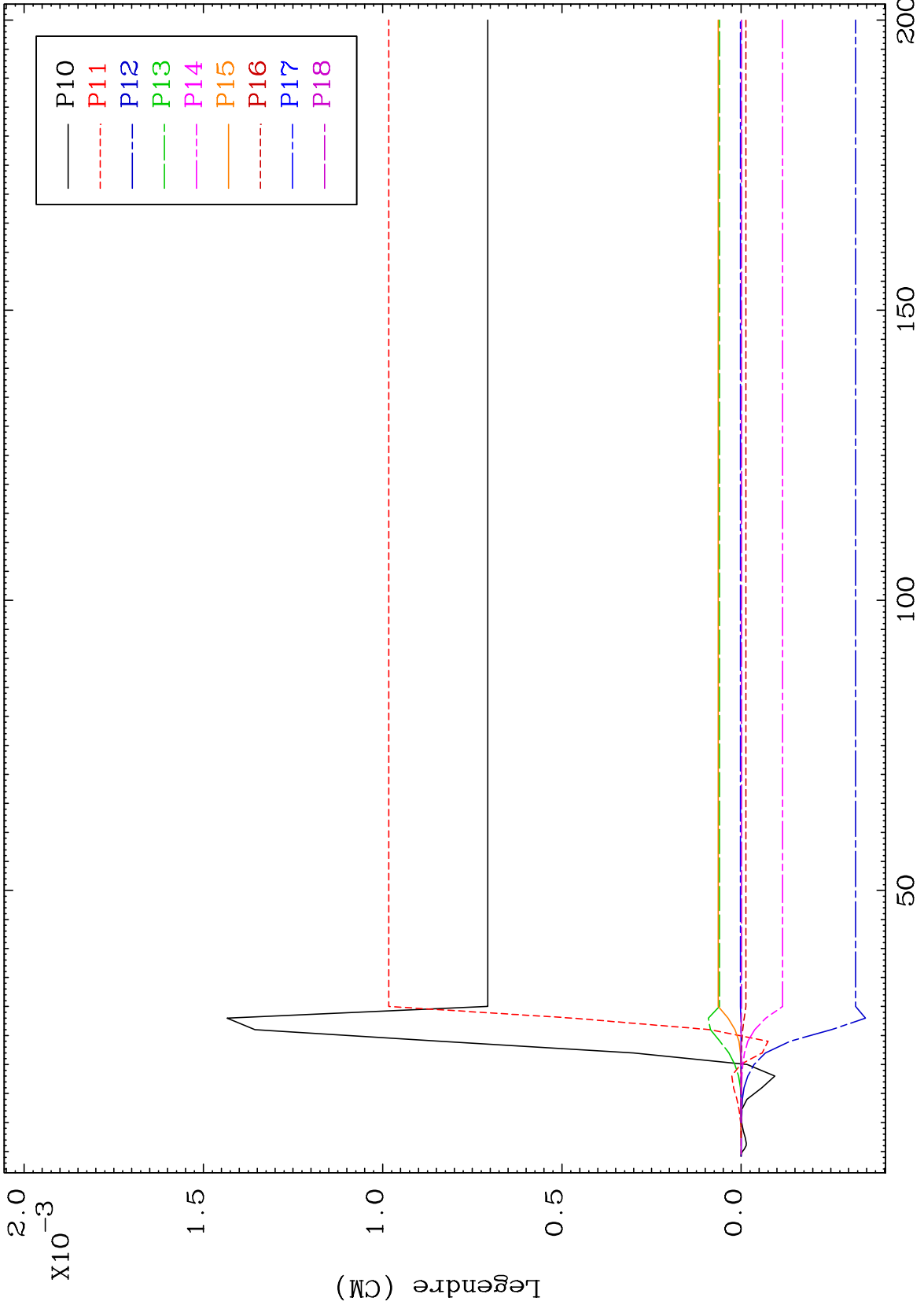
70-Yb-156



MAT 6989

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

70-Yb-156

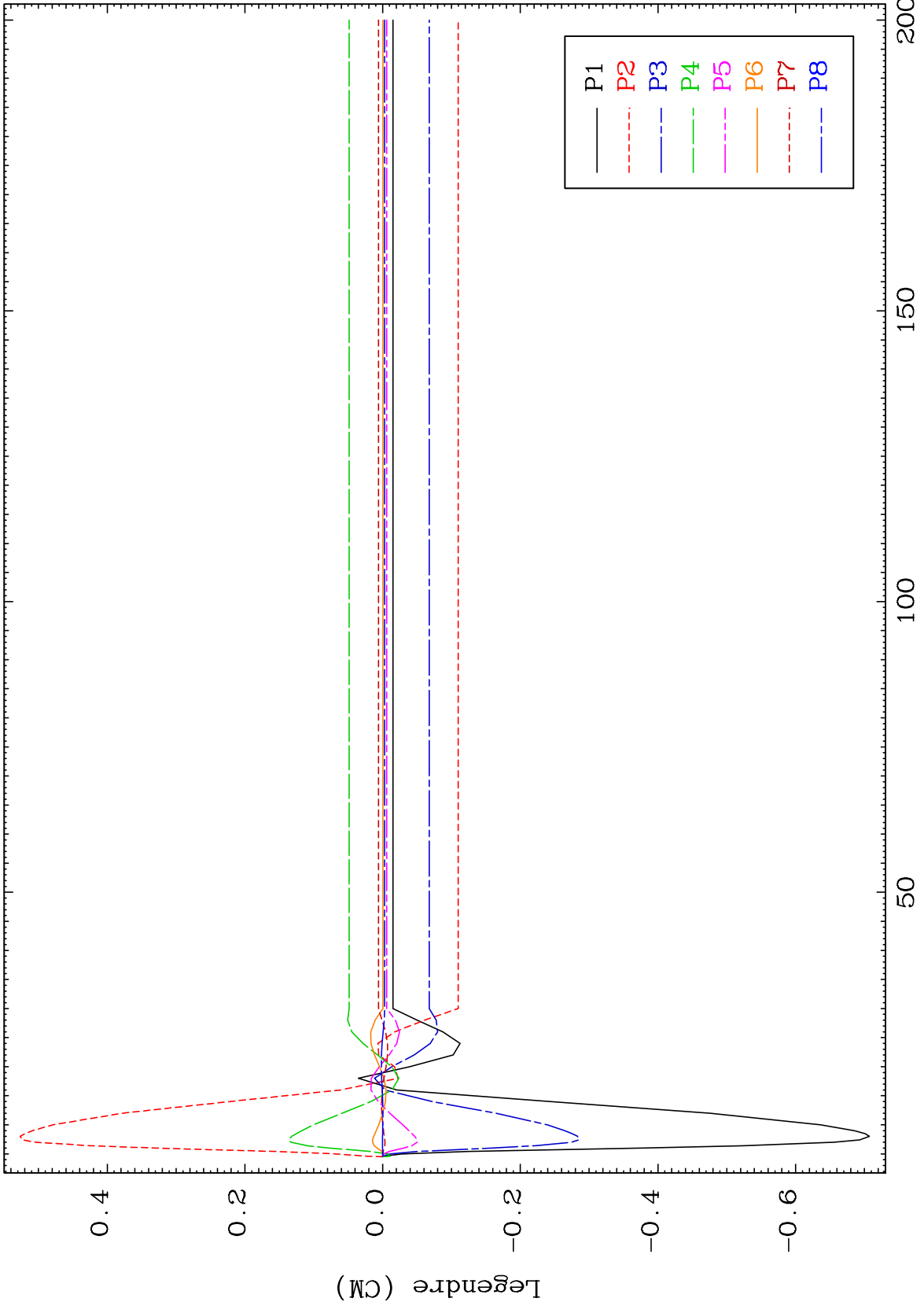


49

Incident Energy (MeV)

70-Yb-156

MAT 6989 MT= 60 (n,n') Level Legendre Coefficients 70-Yb-156

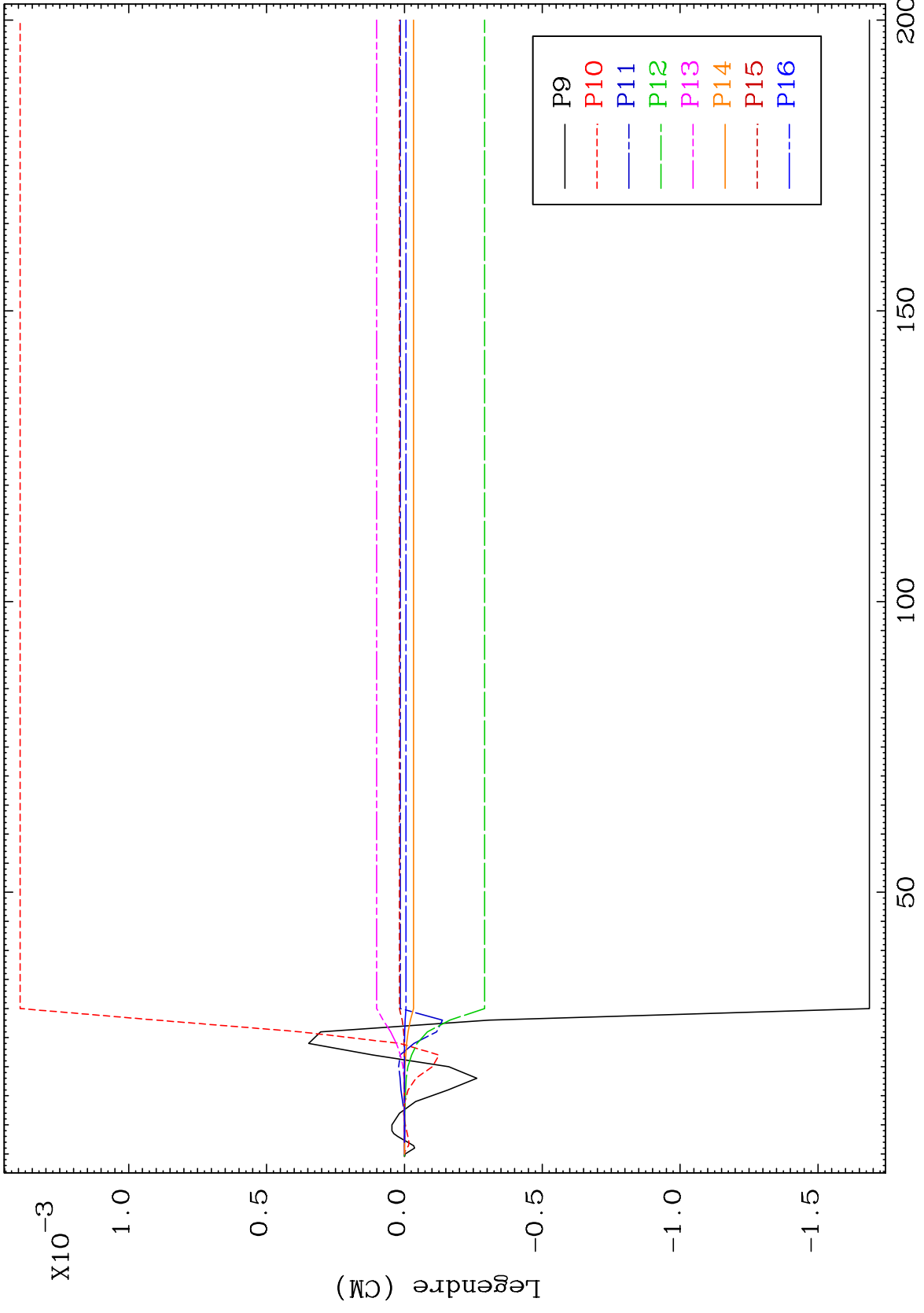


51 Incident Energy (MeV) 70-Yb-156

MAT 6989

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

70-Yb-156



52

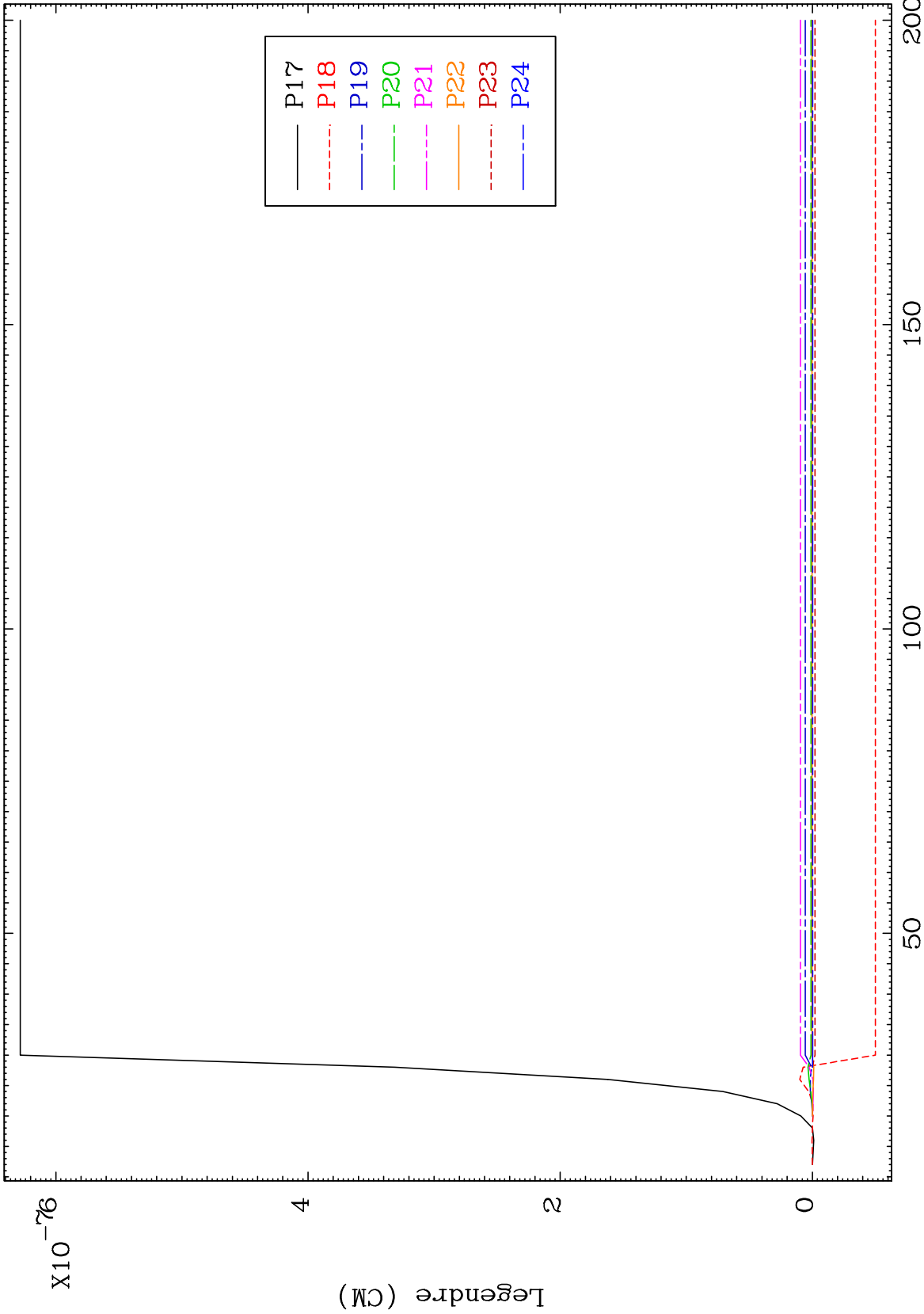
Incident Energy (MeV)

70-Yb-156

MAT 6989

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

70-Yb-156

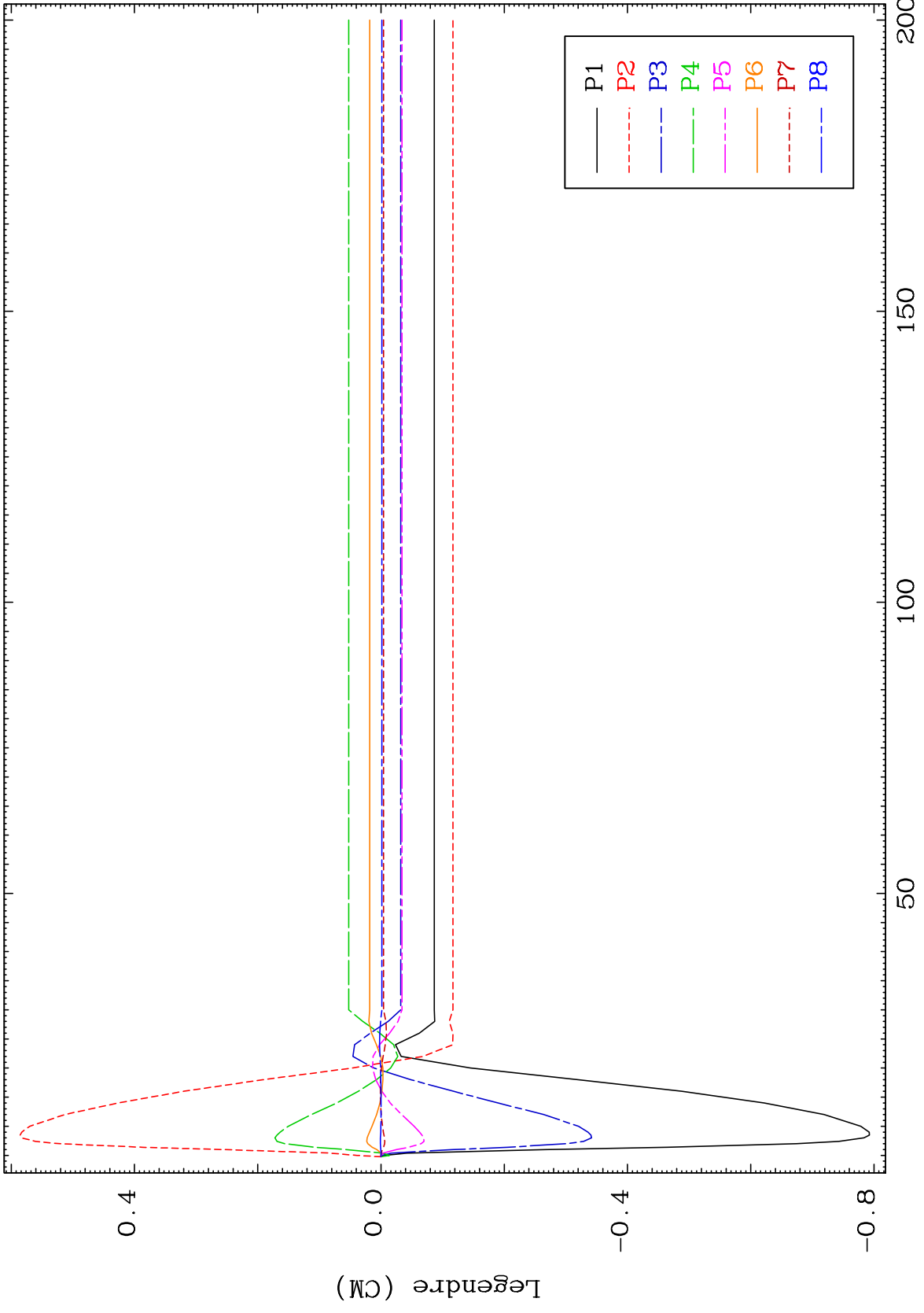


53

Incident Energy (MeV)

70-Yb-156

MAT 6989 MT= 61 (n,n') Level Legendre Coefficients 70-Yb-156

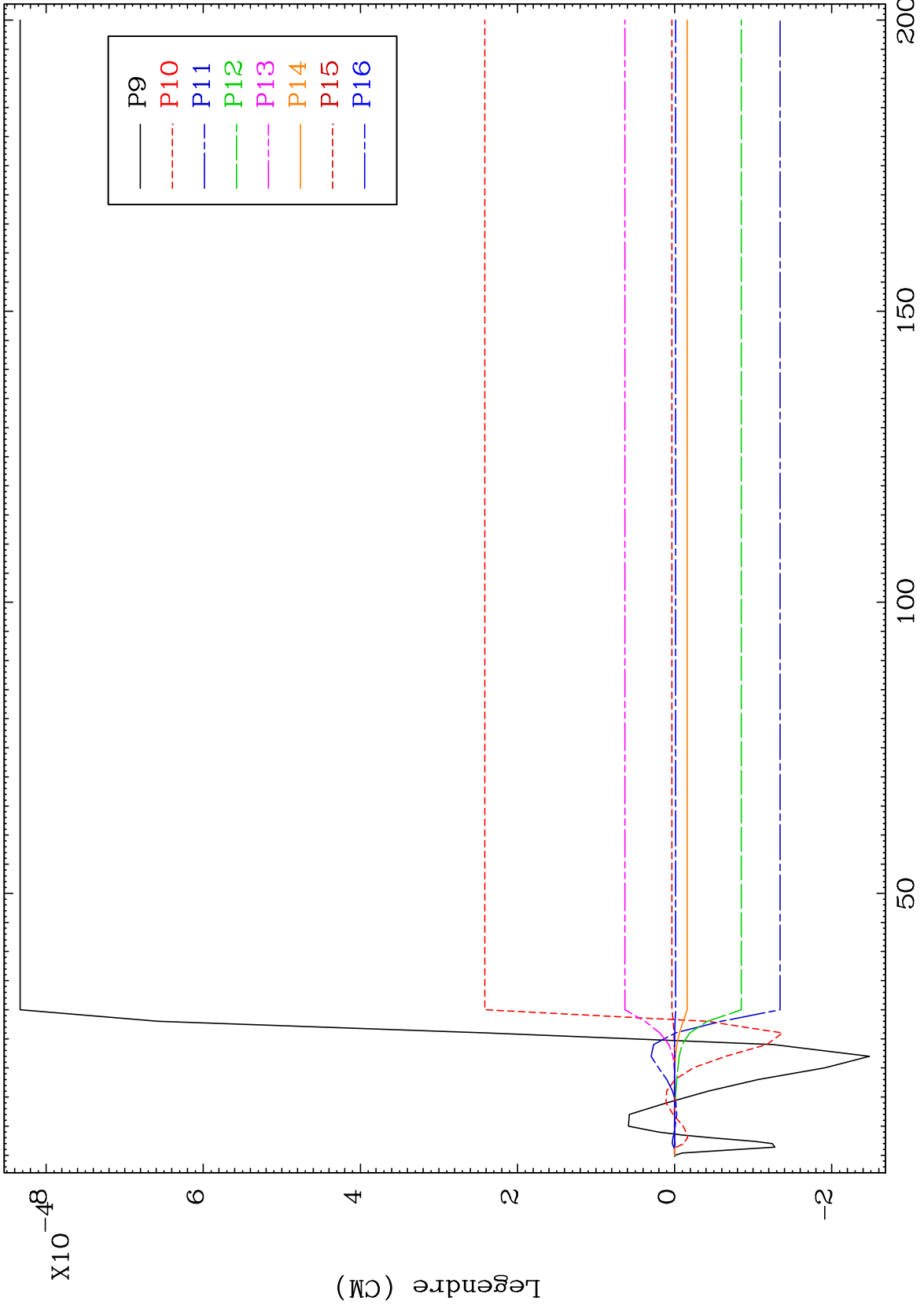


54 Incident Energy (MeV) 70-Yb-156

MAT 6989

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

70-Yb-156



55

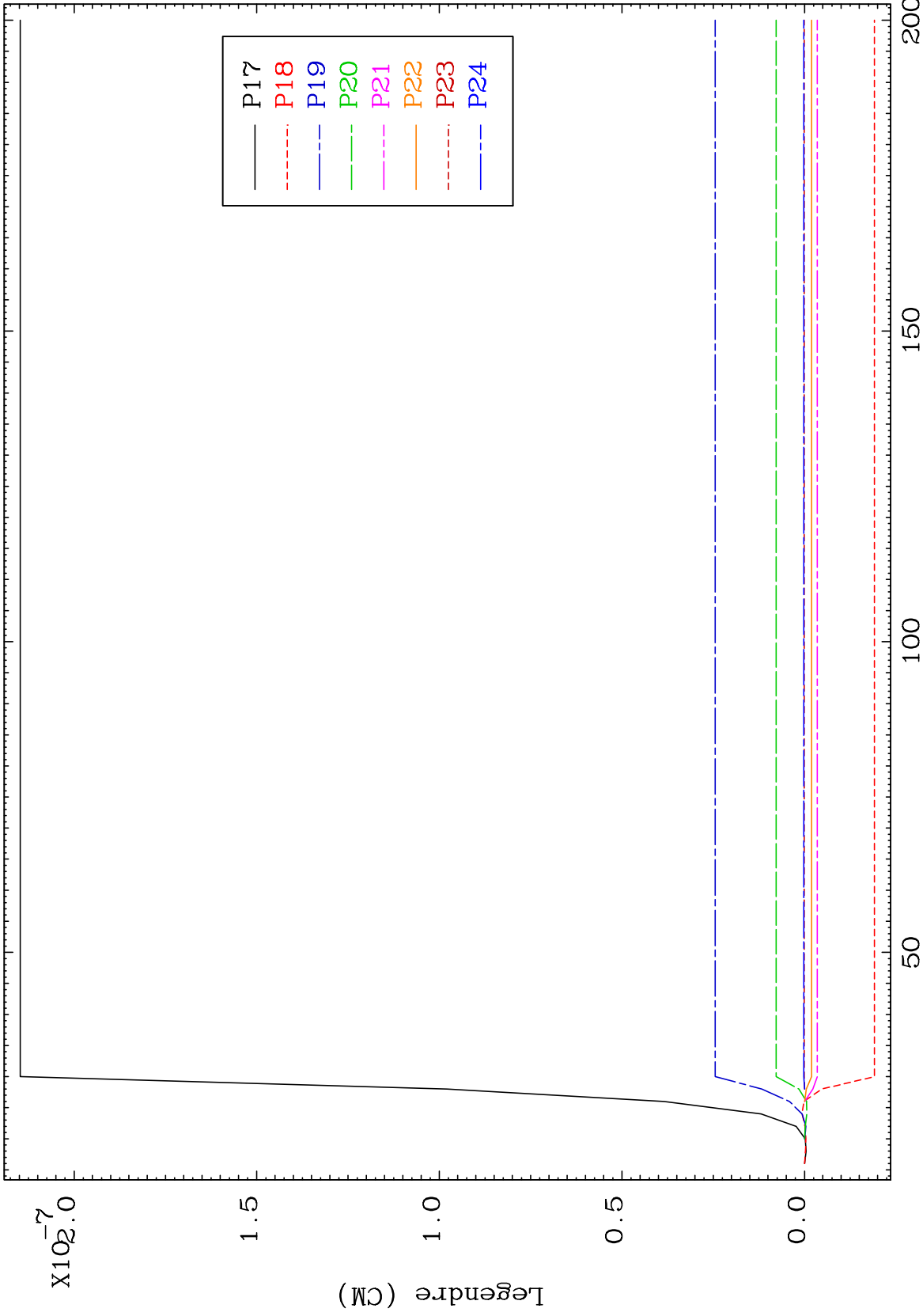
Incident Energy (MeV)

70-Yb-156

MAT 6989

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

70-Yb-156



56

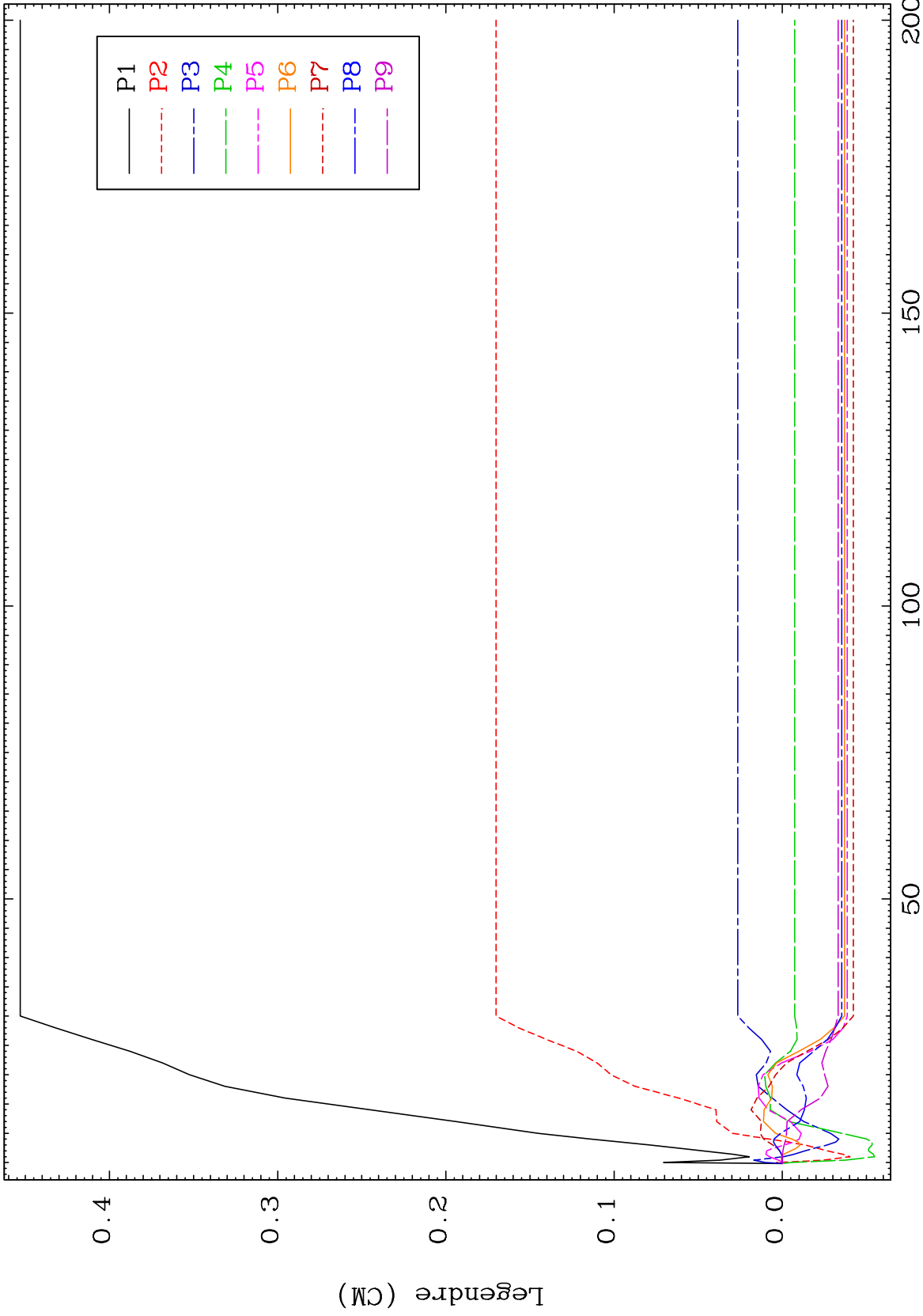
Incident Energy (MeV)

70-Yb-156

MAT 6989

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

70-Yb-156

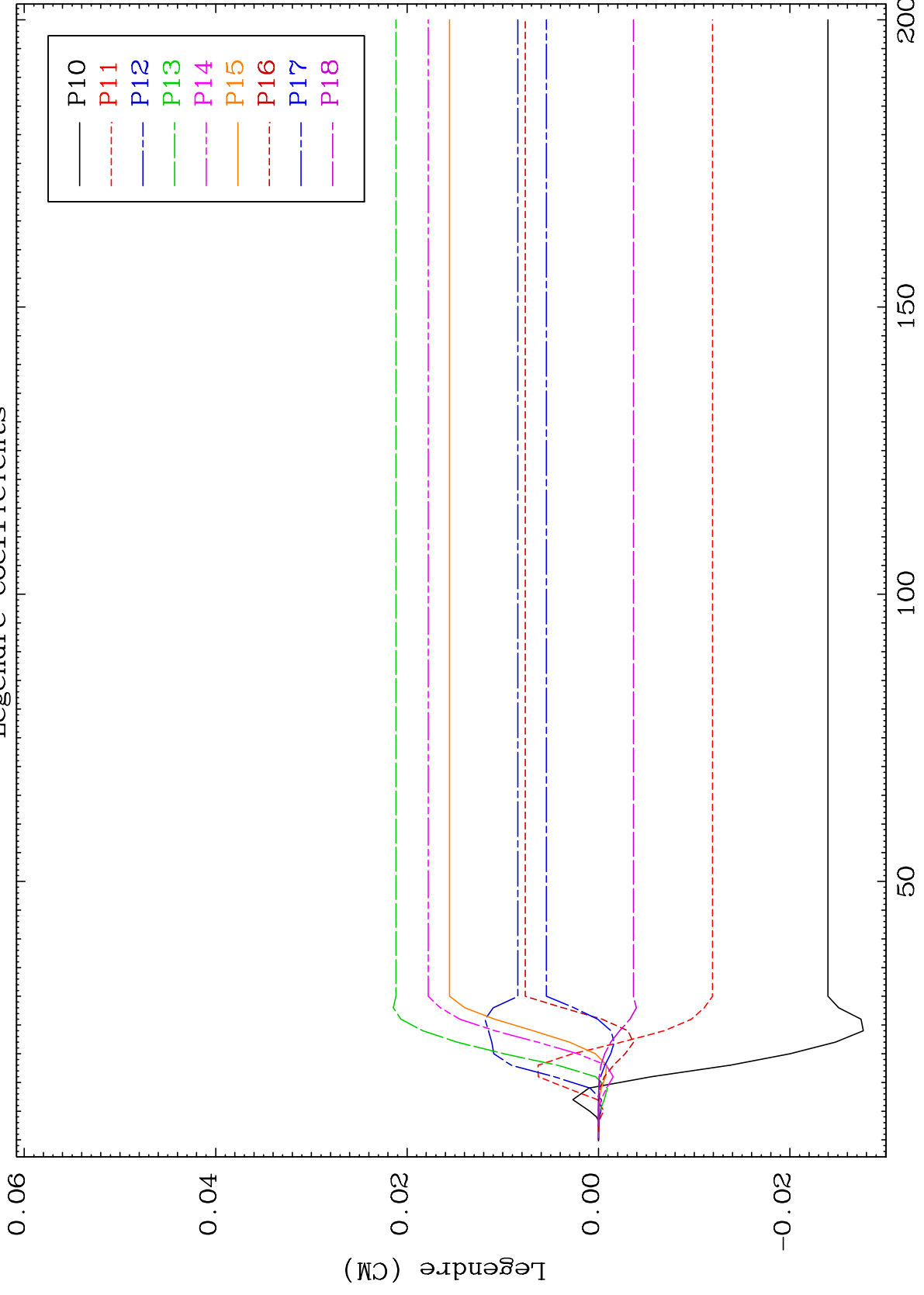


57

Incident Energy (MeV)

70-Yb-156

MAT 6989 MT= 62 (n,n') Level Legendre Coefficients 70-Yb-156



70-Yb-156

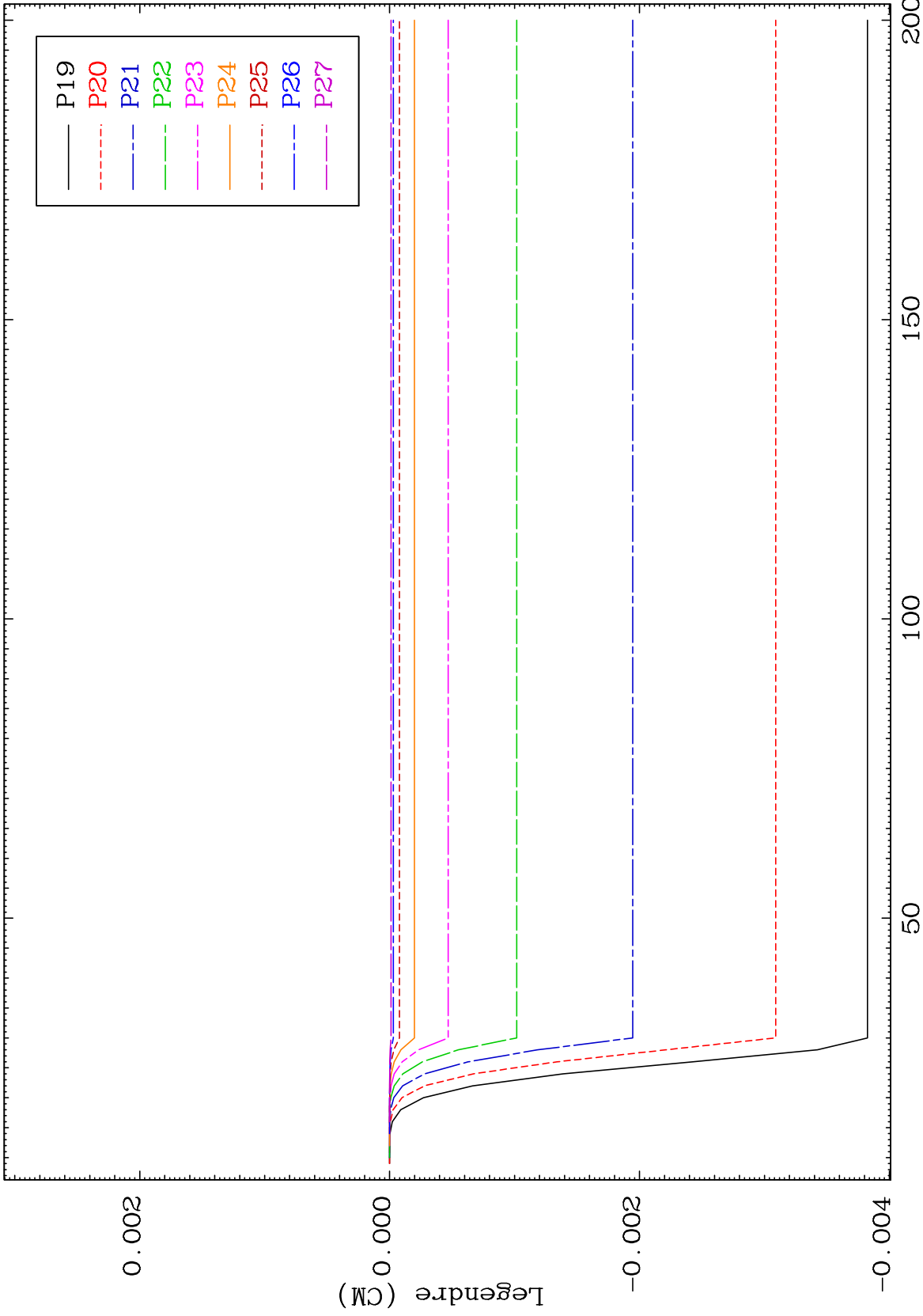
Incident Energy (MeV)

58

MAT 6989

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

70-Yb-156

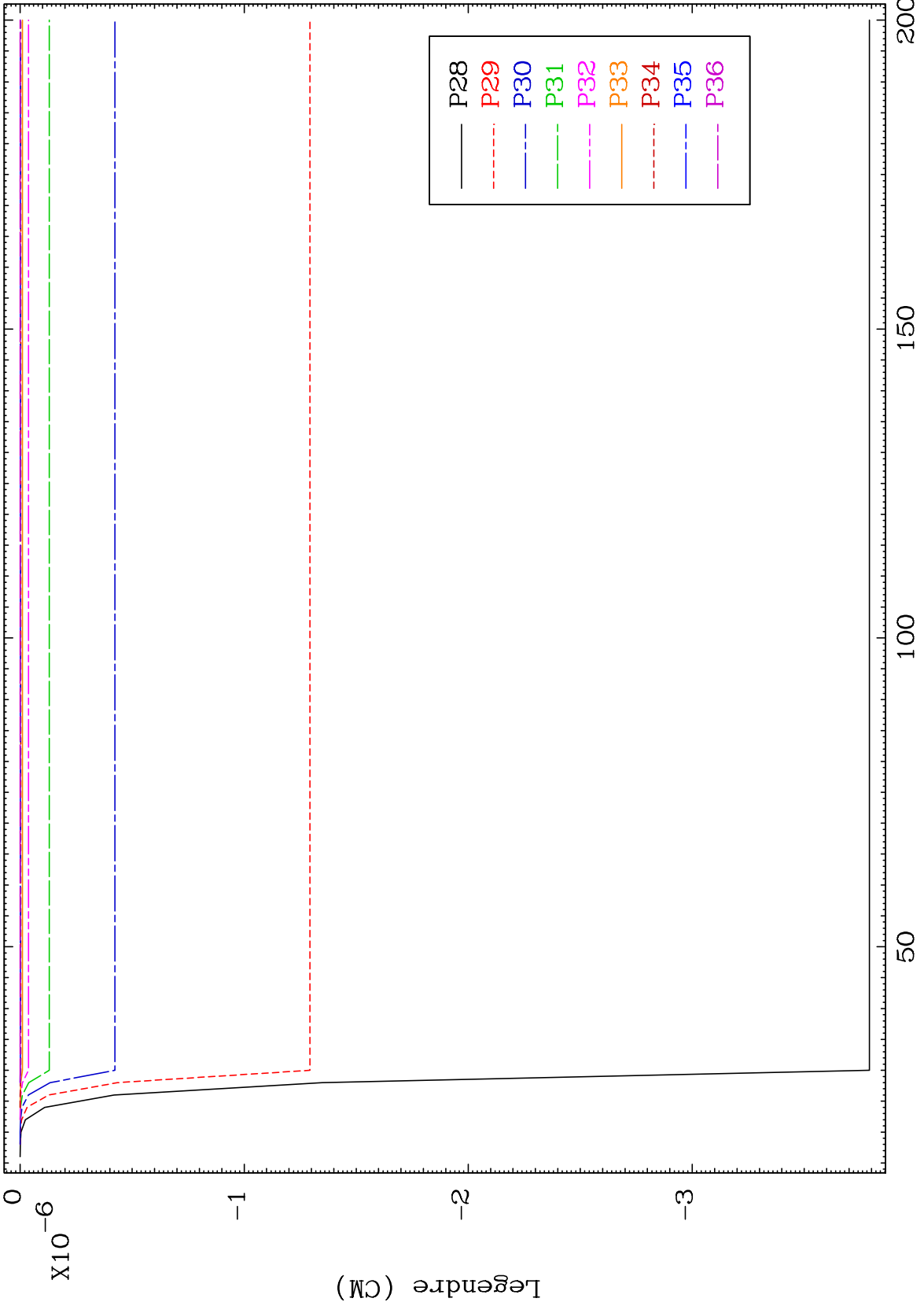


59

Incident Energy (MeV)

70-Yb-156

MAT 6989 MT= 62 (n,n') Level Legendre Coefficients 70-Yb-156



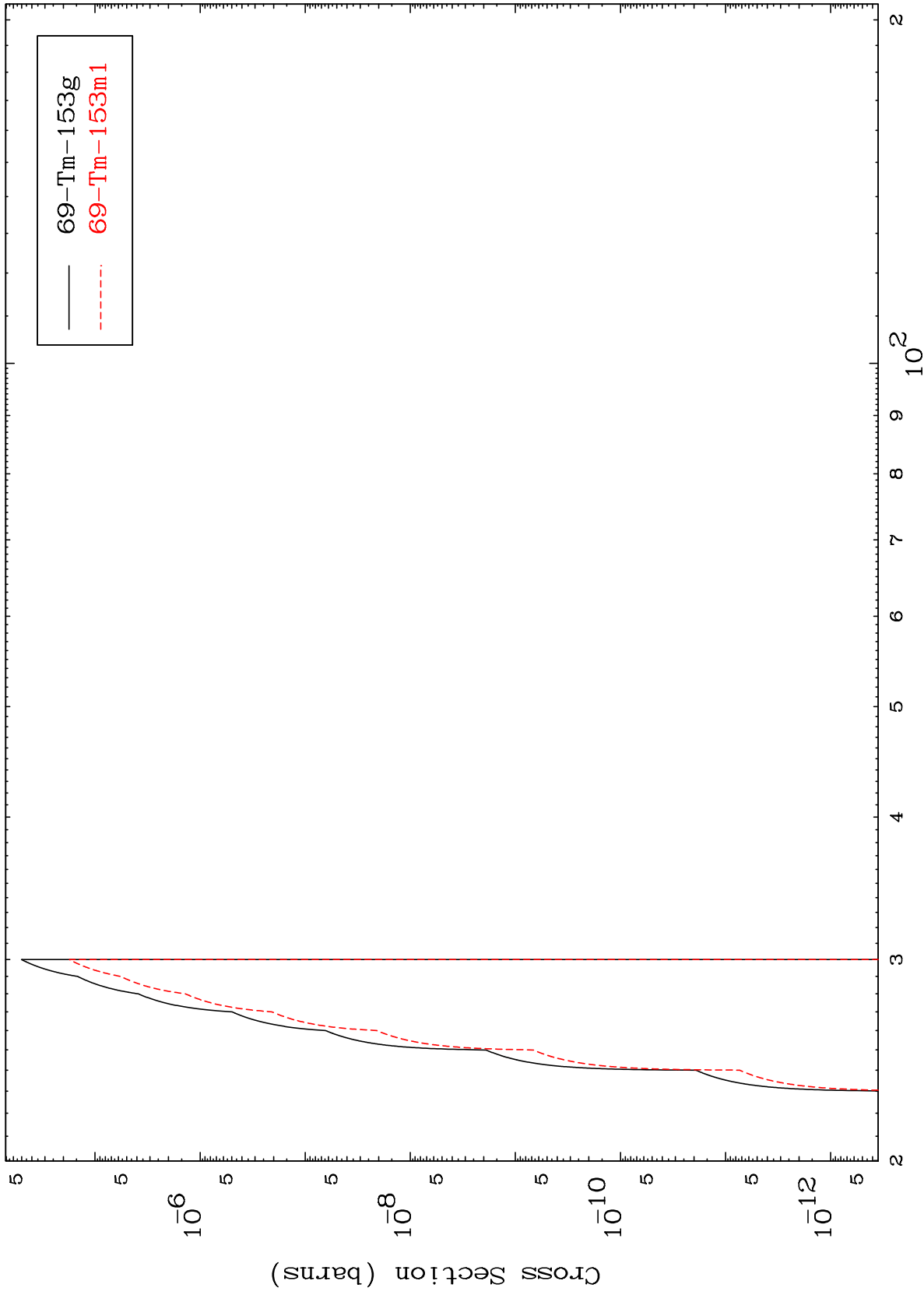
60 Incident Energy (MeV) 70-Yb-156

MAT 6989

(n,2n) d

70-Yb-156

Radionuclide Production Cross Section



61

Incident Energy (MeV)

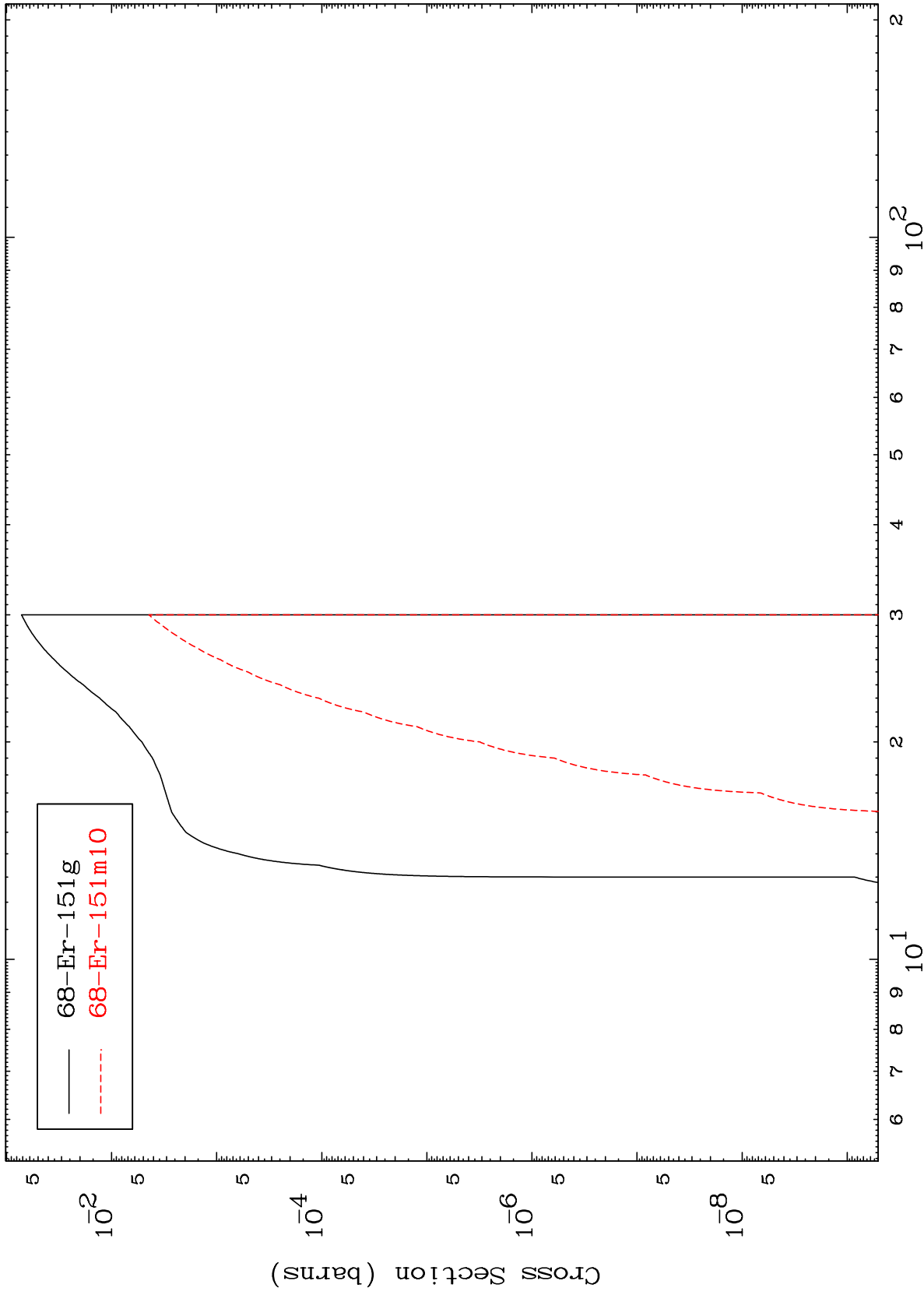
70-Yb-156

MAT 6989

(n,2n) α

70-Yb-156

Radionuclide Production Cross Section



62

Incident Energy (MeV)

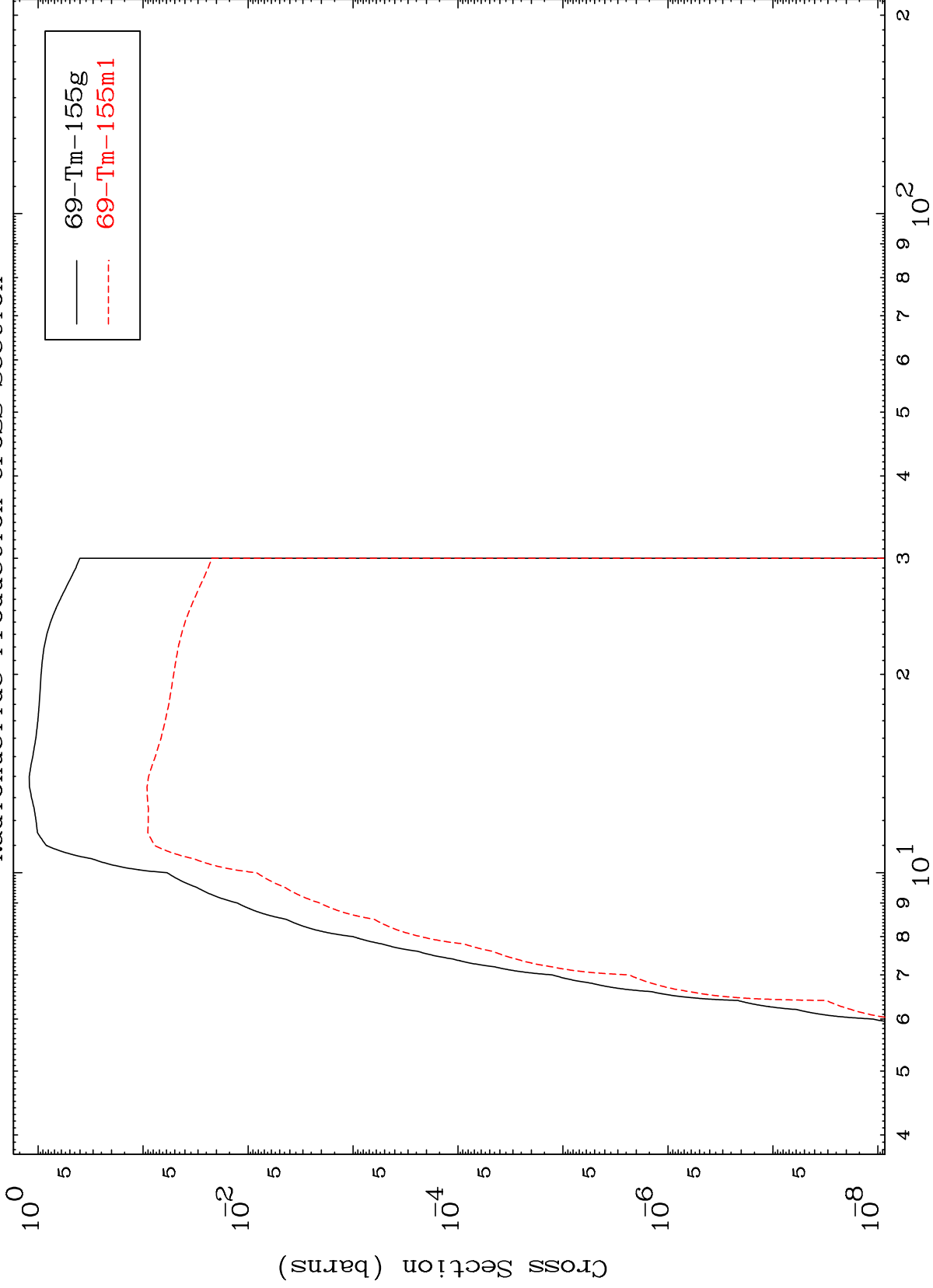
70-Yb-156

MAT 6989

(n,n') p

70-Yb-156

Radionuclide Production Cross Section



63

Incident Energy (MeV)

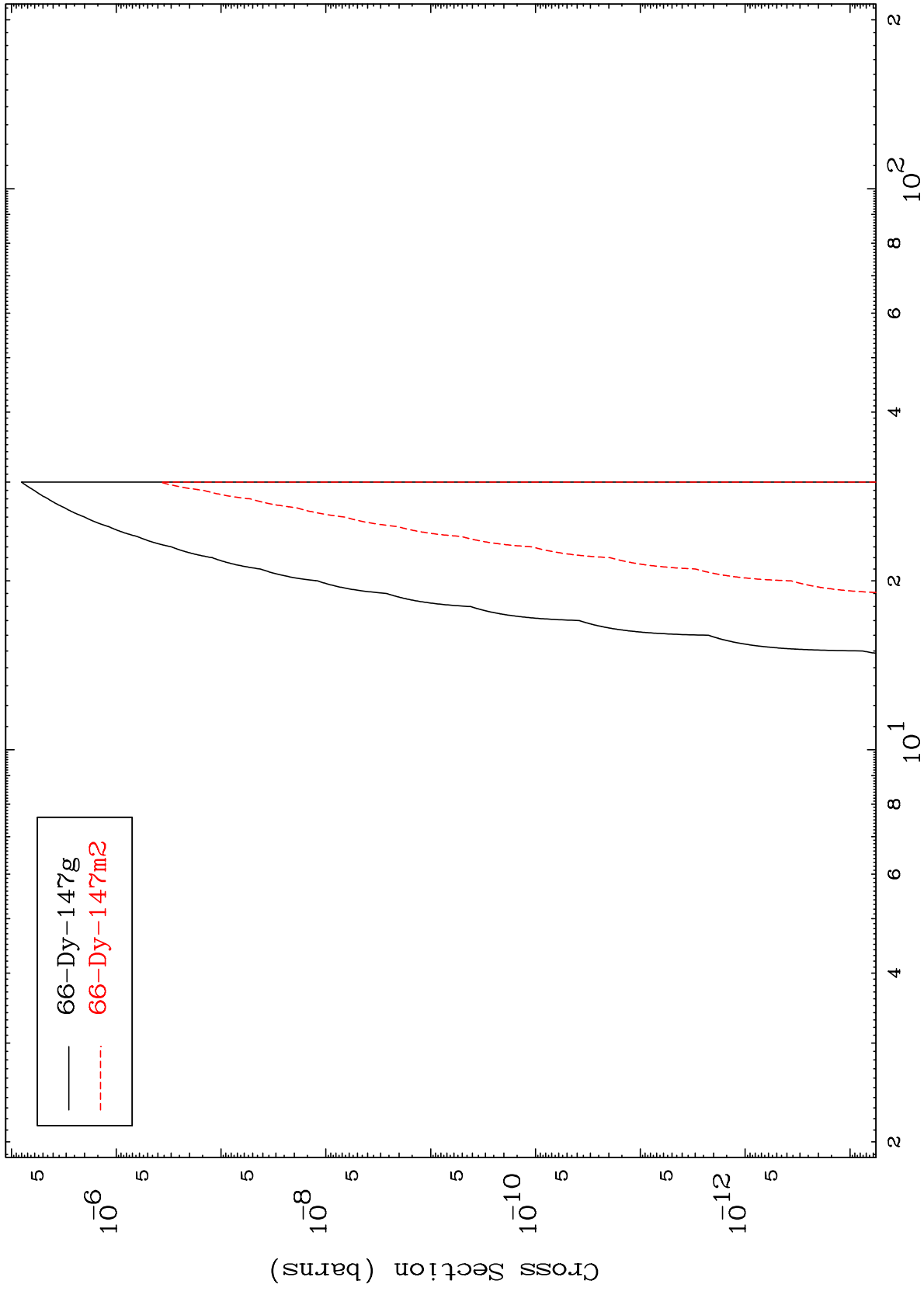
70-Yb-156

MAT 6989

(n,2n) 2α

70-Yb-156

Radionuclide Production Cross Section



64

Incident Energy (MeV)

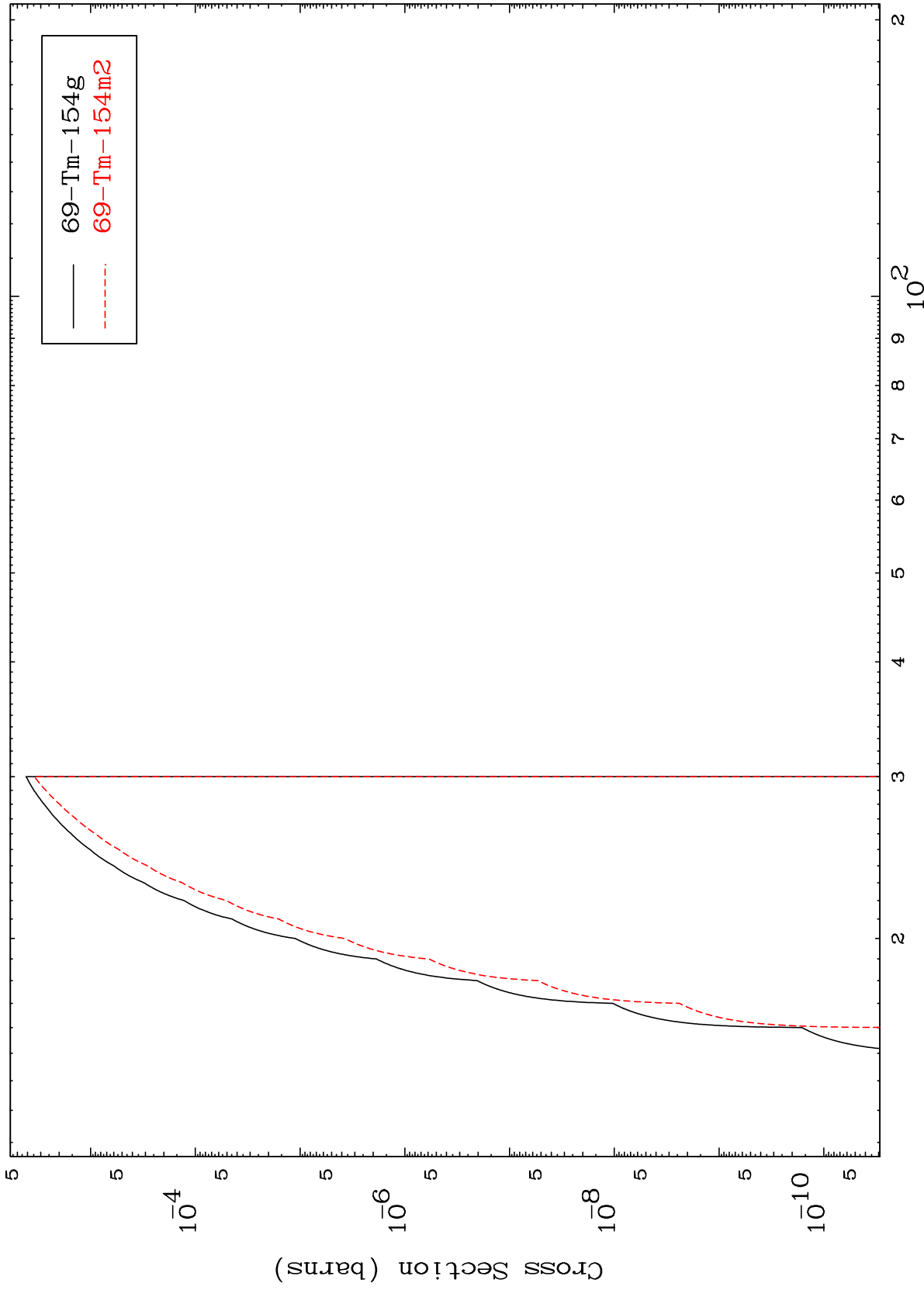
70-Yb-156

MAT 6989

(n, n') d

70-Yb-156

Radionuclide Production Cross Section



65

Incident Energy (MeV)

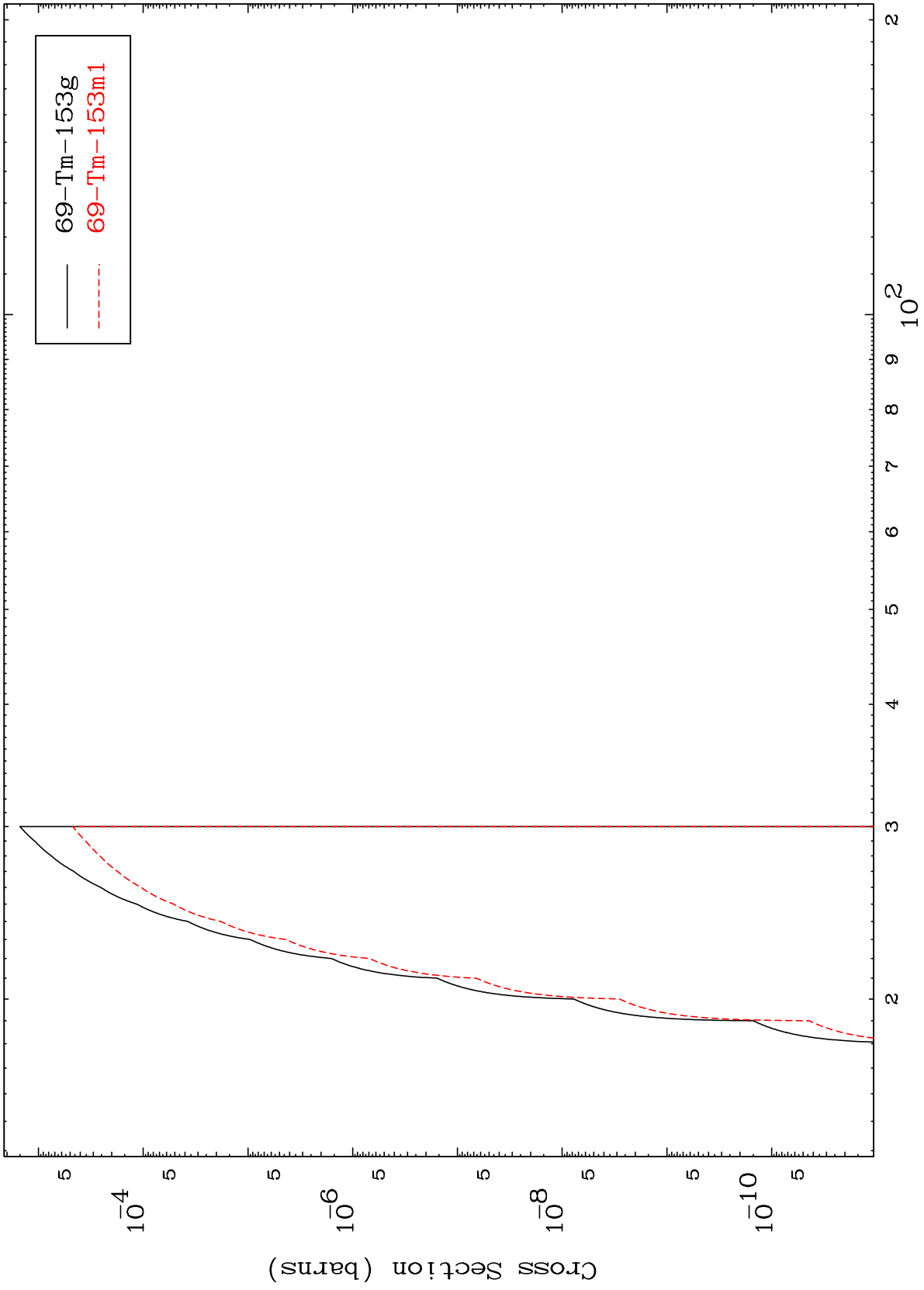
70-Yb-156

MAT 6989

(n,n') t

70-Yb-156

Radionuclide Production Cross Section



66

Incident Energy (MeV)

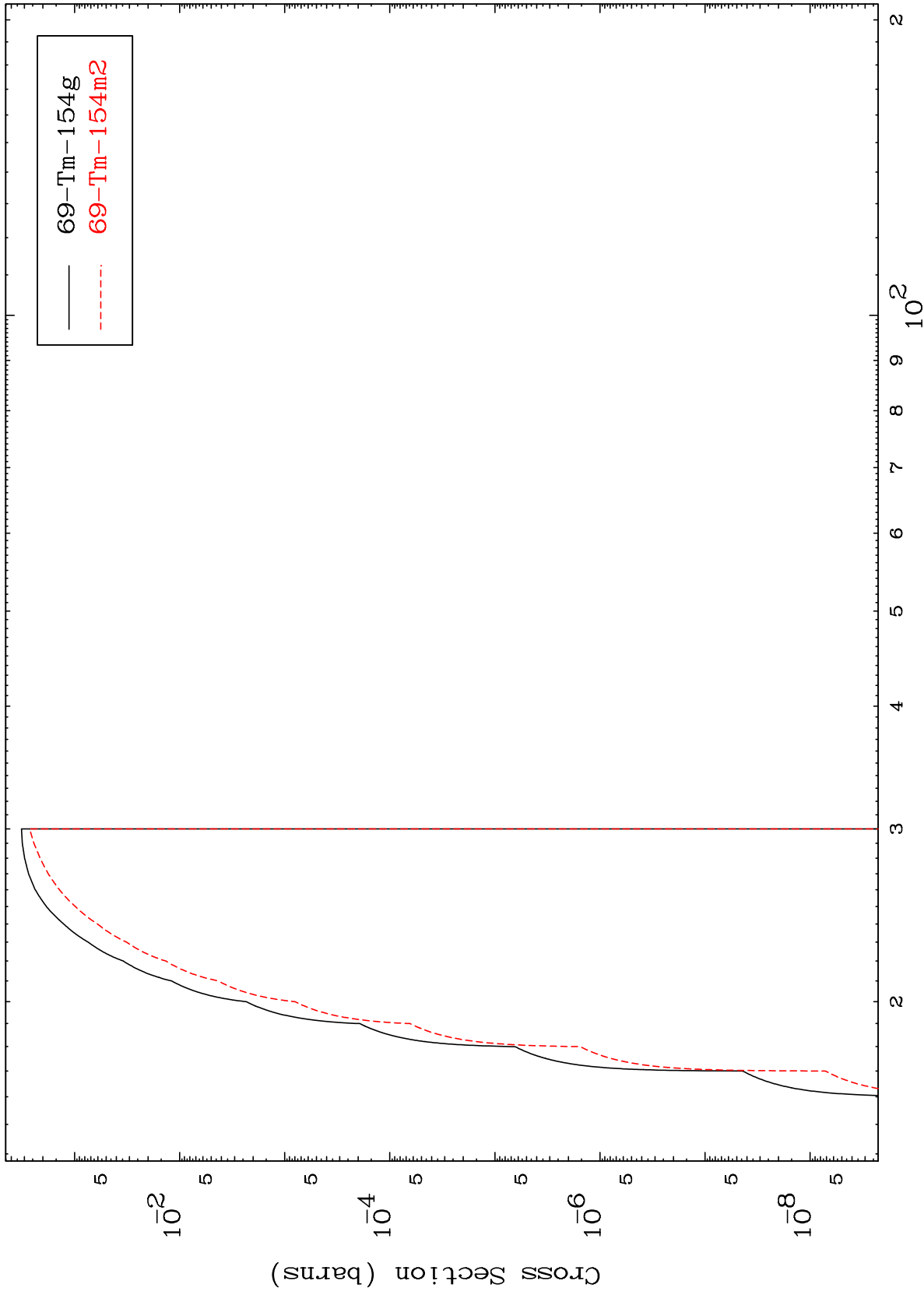
70-Yb-156

MAT 6989

(n,2n) p

70-Yb-156

Radionuclide Production Cross Section



67

Incident Energy (MeV)

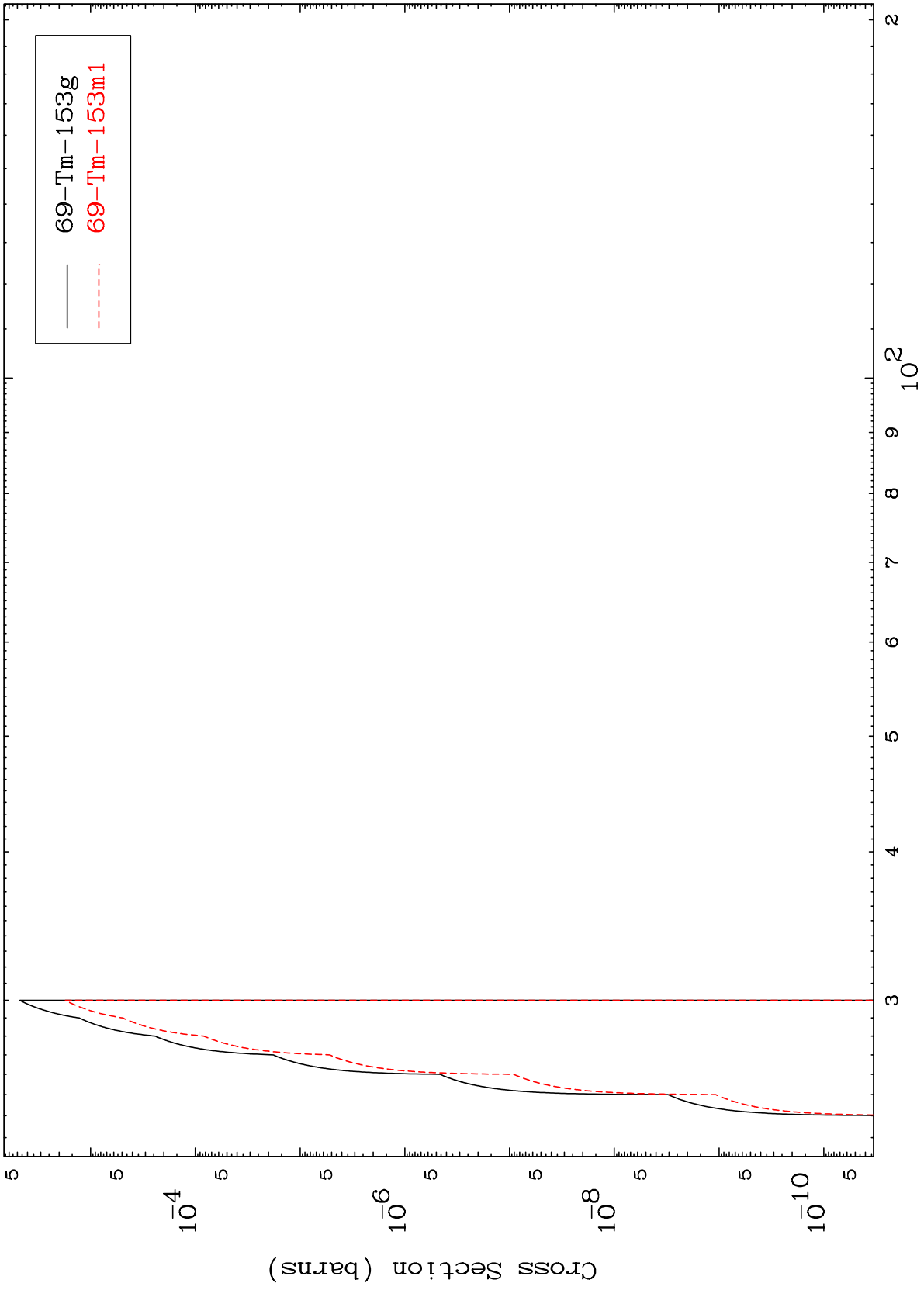
70-Yb-156

MAT 6989

(n,3n) p

70-Yb-156

Radionuclide Production Cross Section



68

Incident Energy (MeV)

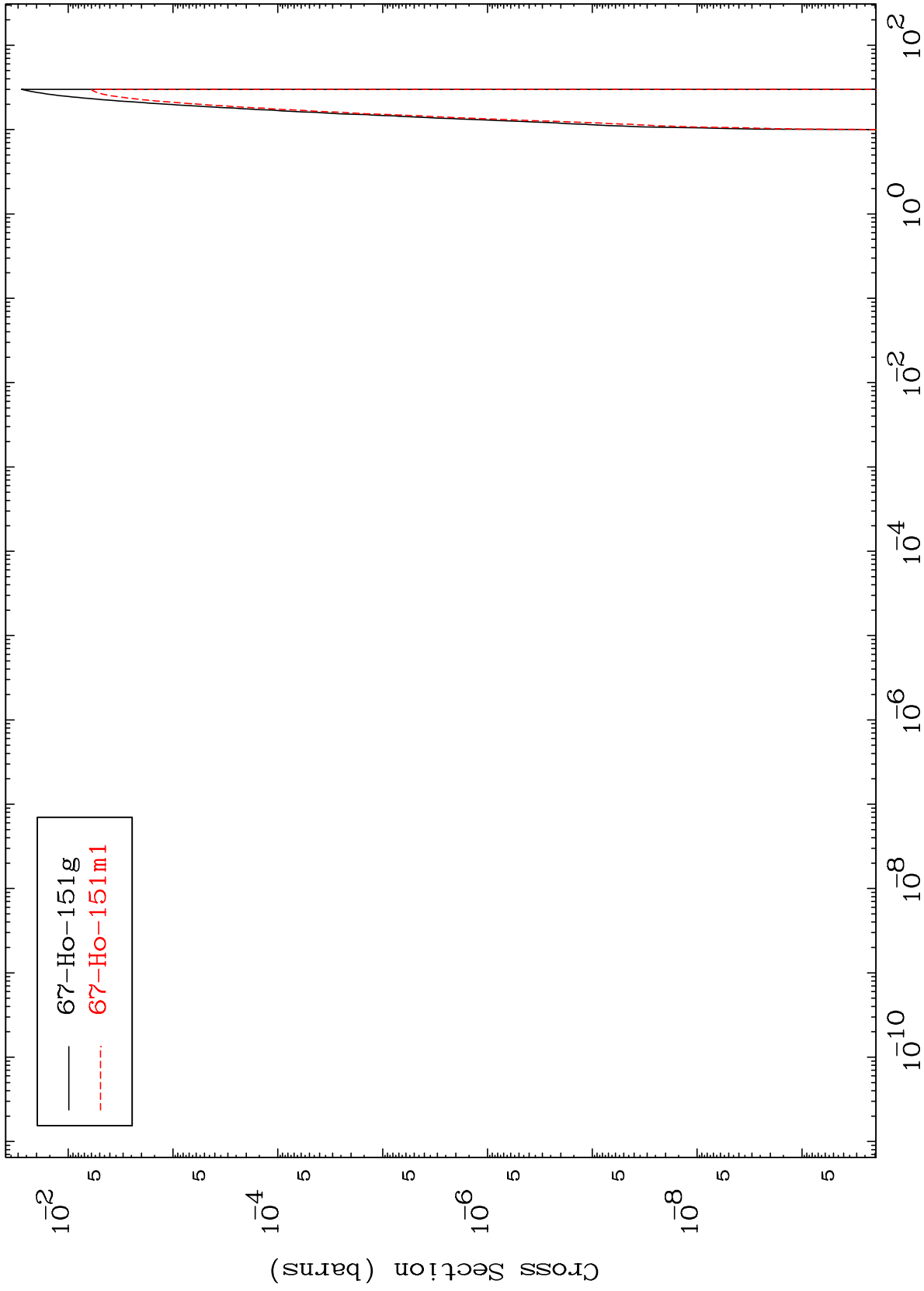
70-Yb-156

MAT 6989

(n,n') p α

70-Yb-156

Radionuclide Production Cross Section



67-Ho-151g
67-Ho-151m1

69

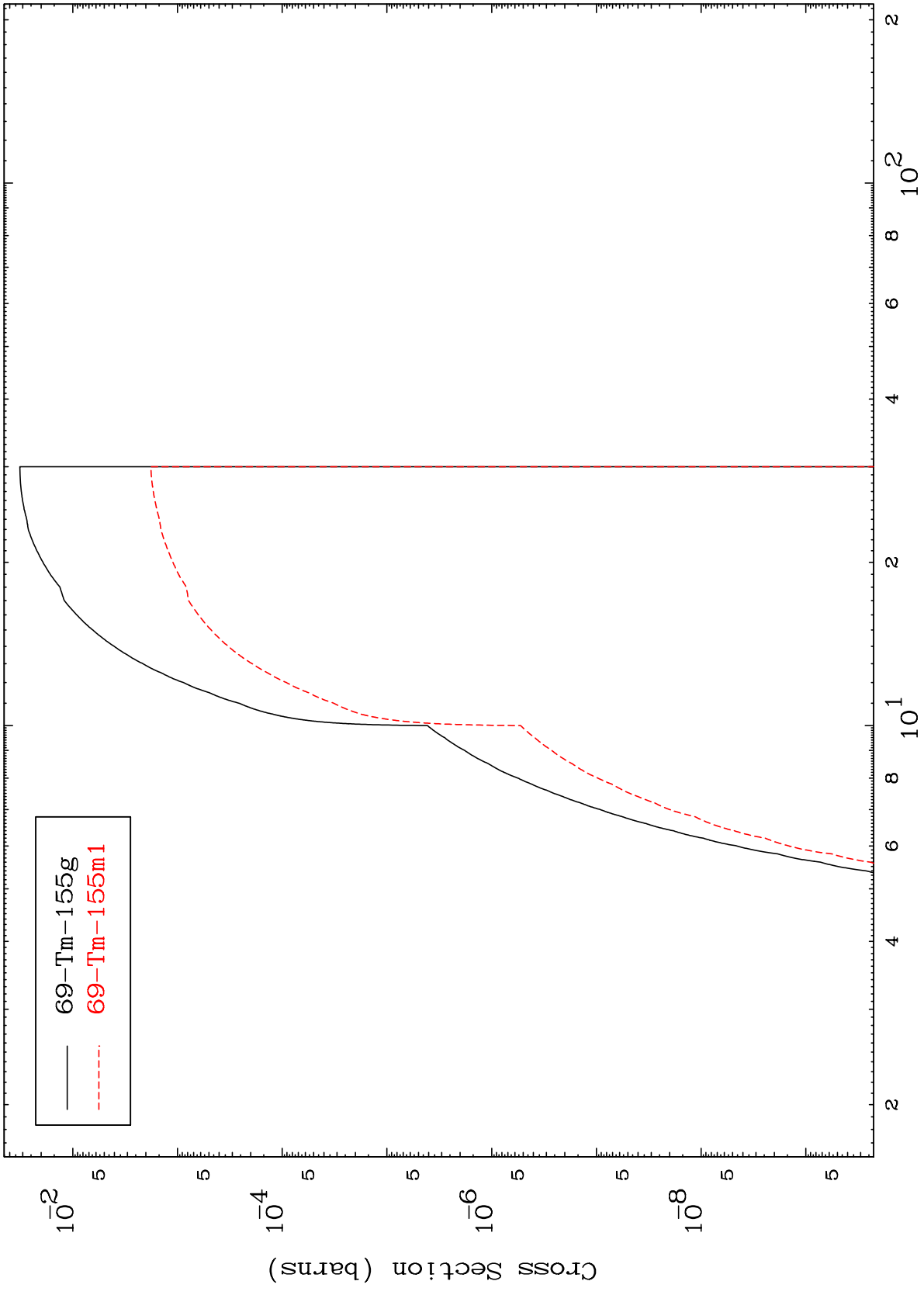
Incident Energy (MeV)

70-Yb-156

MAT 6989

(n,d)
Radionuclide Production Cross Section

70-Yb-156



70

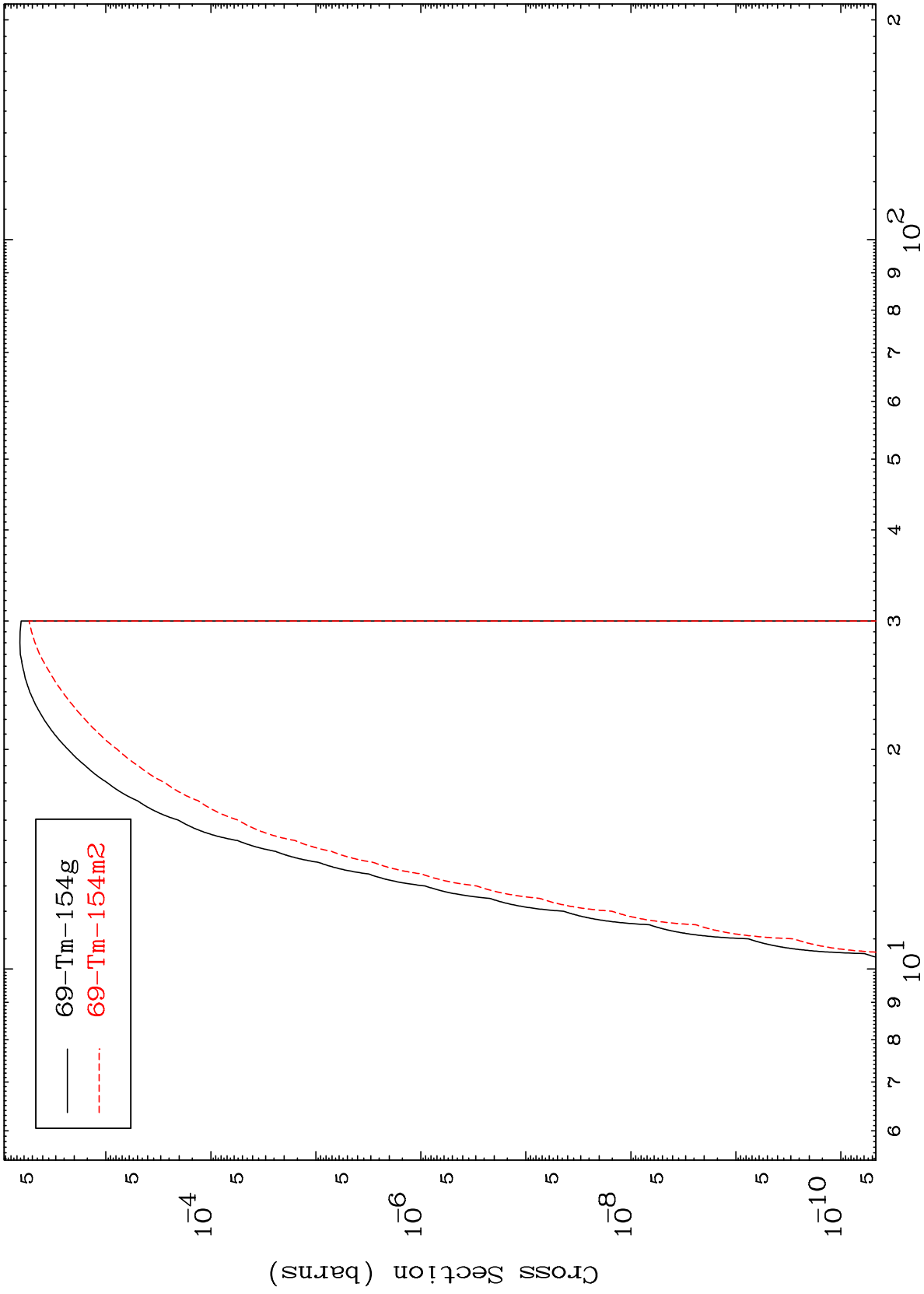
Incident Energy (MeV)

70-Yb-156

MAT 6989

70-Yb-156

Radionuclide Production Cross Section
(n, t)



71

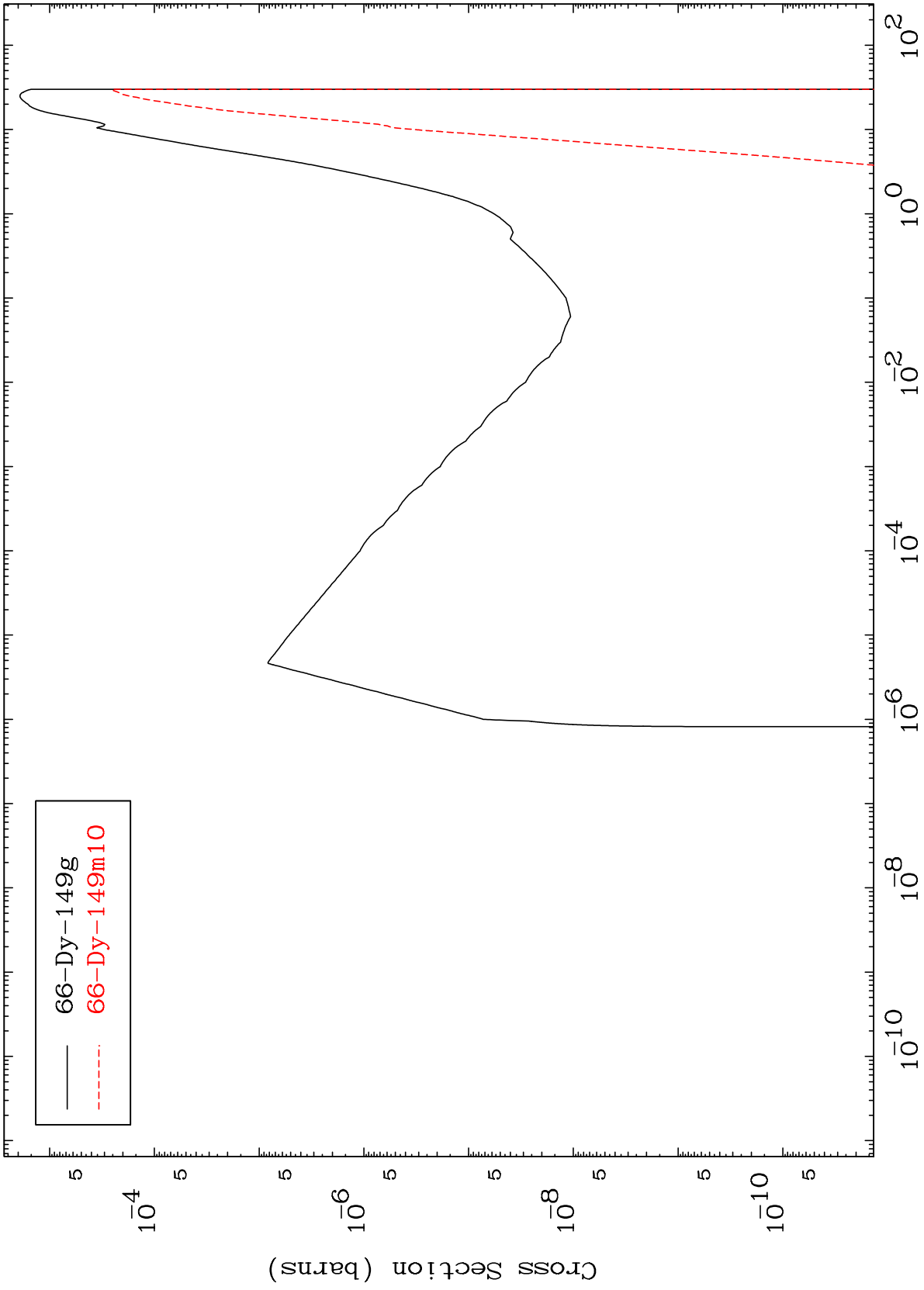
Incident Energy (MeV)

70-Yb-156

MAT 6989

Radionuclide Production Cross Section
(n,2α)

70-Yb-156



72

Incident Energy (MeV)

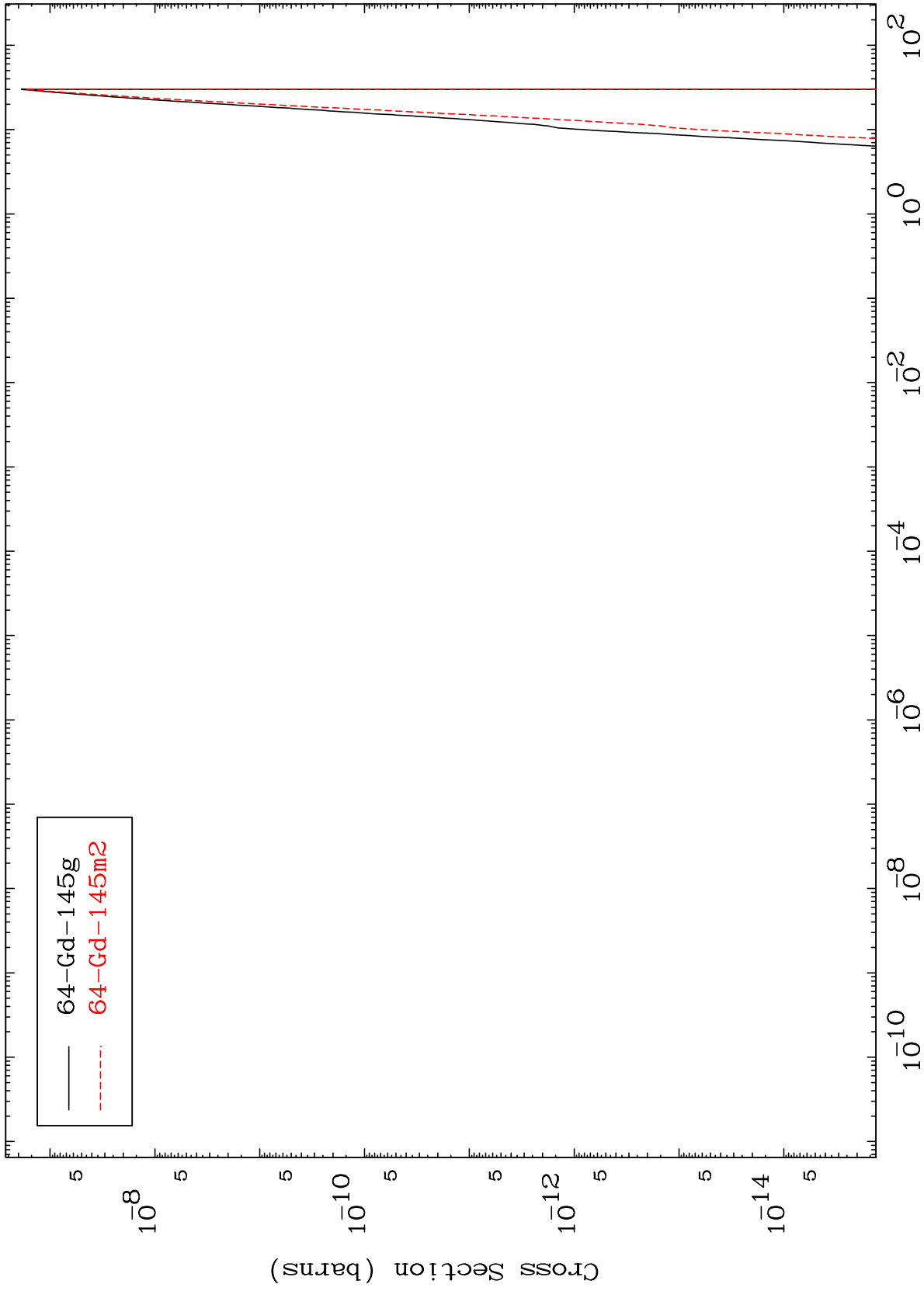
70-Yb-156

MAT 6989

(n,3α)

70-Yb-156

Radionuclide Production Cross Section



73

Incident Energy (MeV)

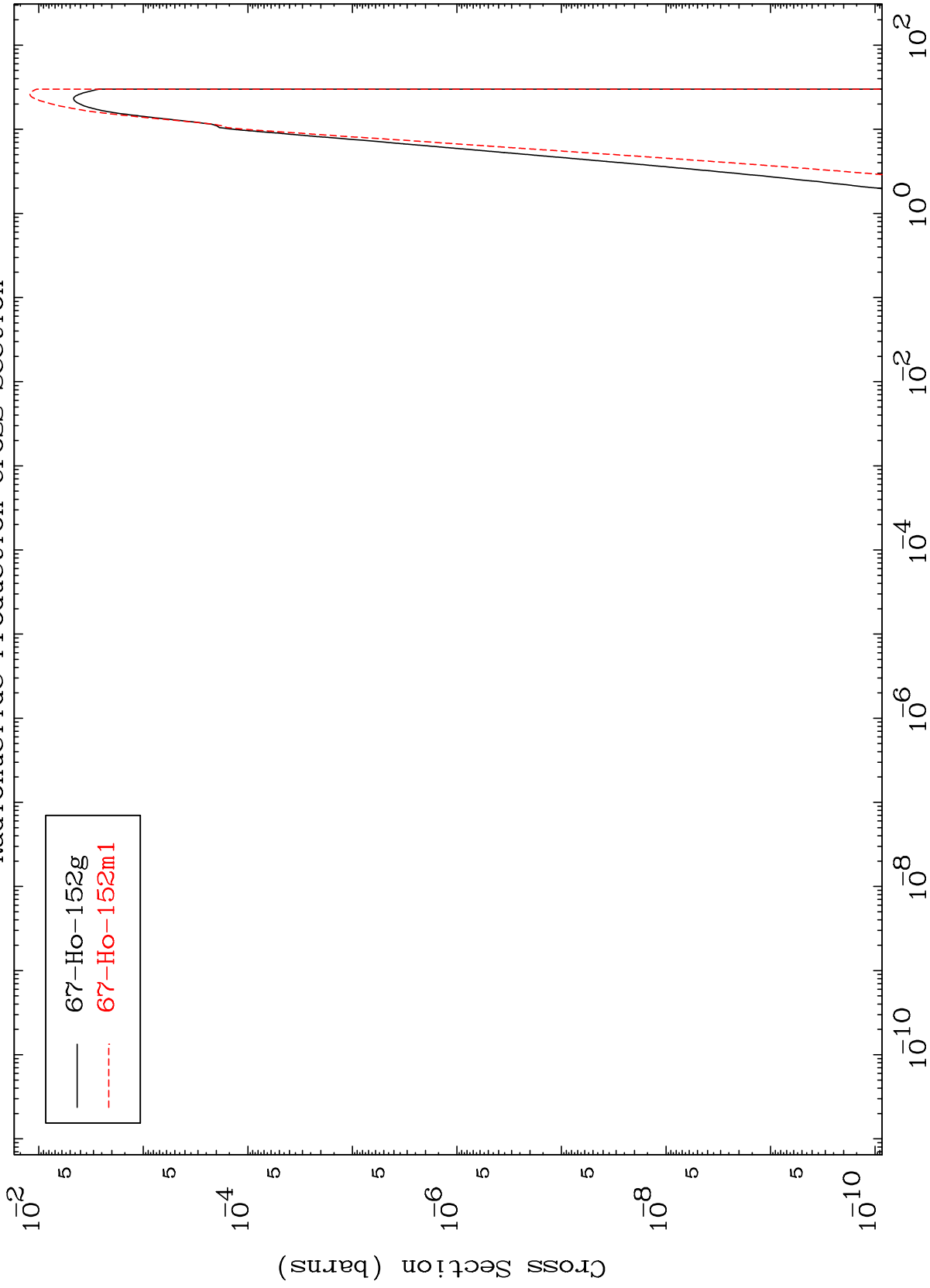
70-Yb-156

MAT 6989

(n,p) α

70-Yb-156

Radionuclide Production Cross Section



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

74

Incident Energy (MeV)

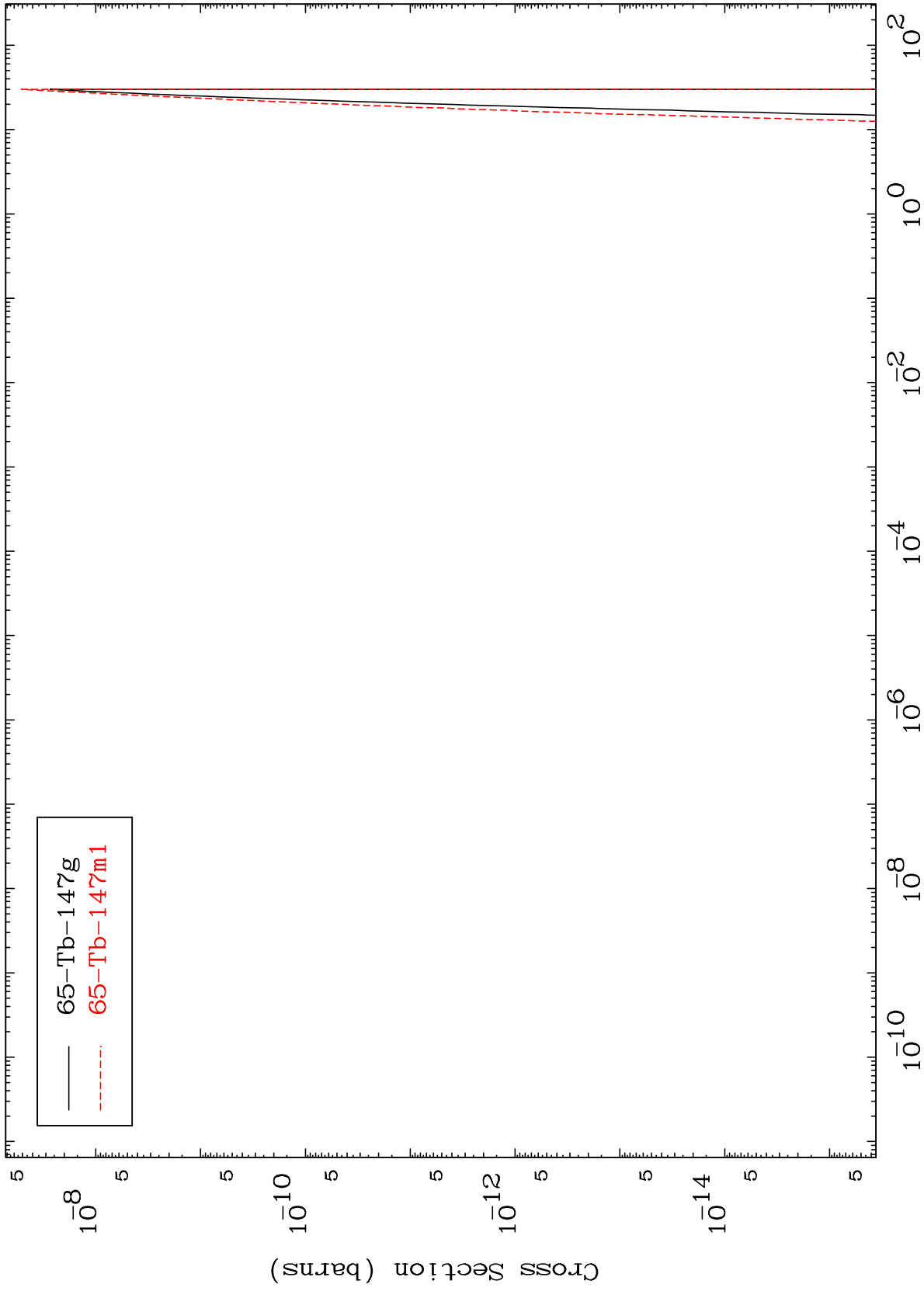
70-Yb-156

MAT 6989

(n,d) 2α

$^{70}\text{Yb-156}$

Radionuclide Production Cross Section



75

Incident Energy (MeV)

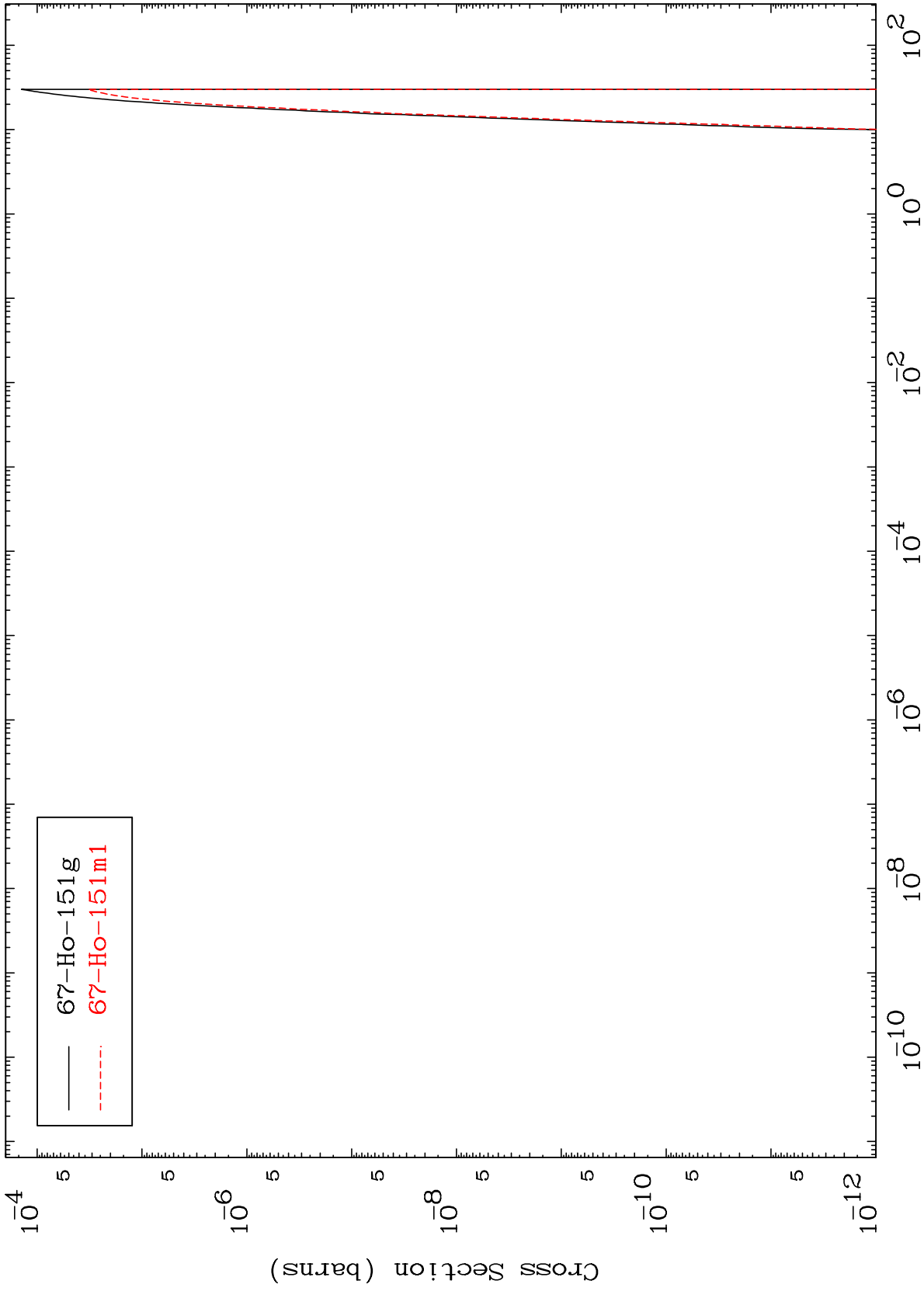
$^{70}\text{Yb-156}$

MAT 6989

(n,d) α

70-Yb-156

Radionuclide Production Cross Section



76

Incident Energy (MeV)

70-Yb-156