

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

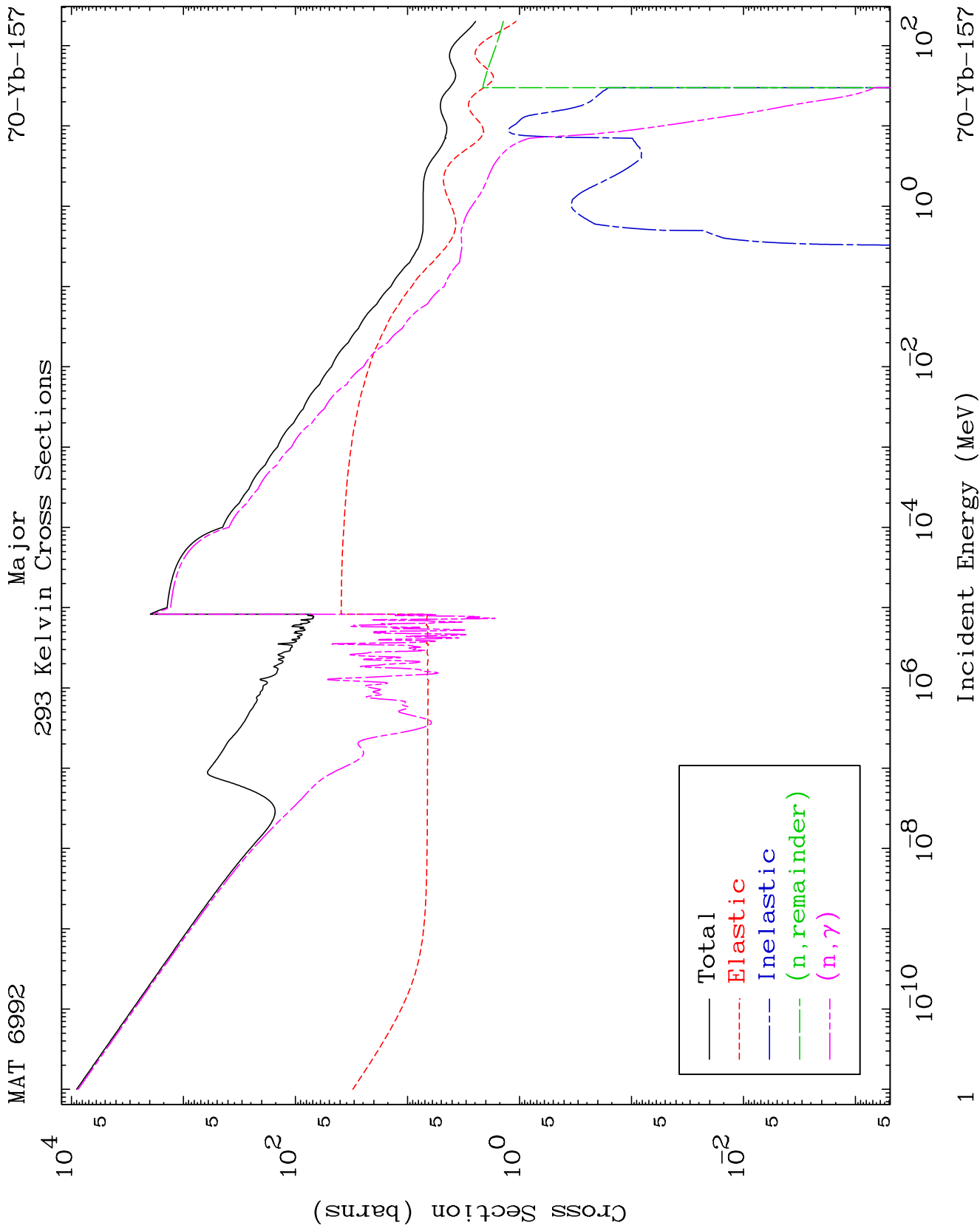
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Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

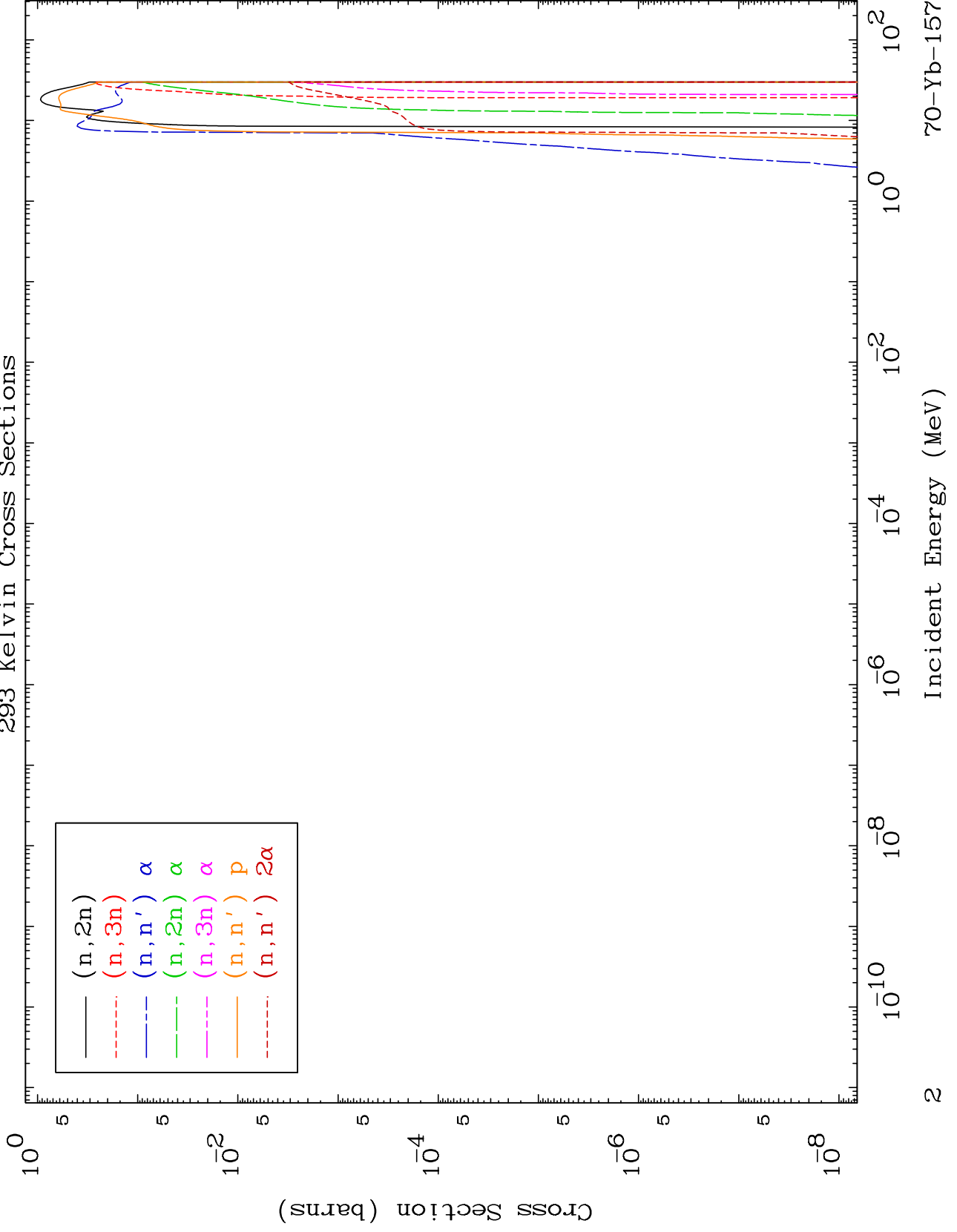
Press Mouse Button to Start



MAT 6992

Neutron Production
293 Kelvin Cross Sections

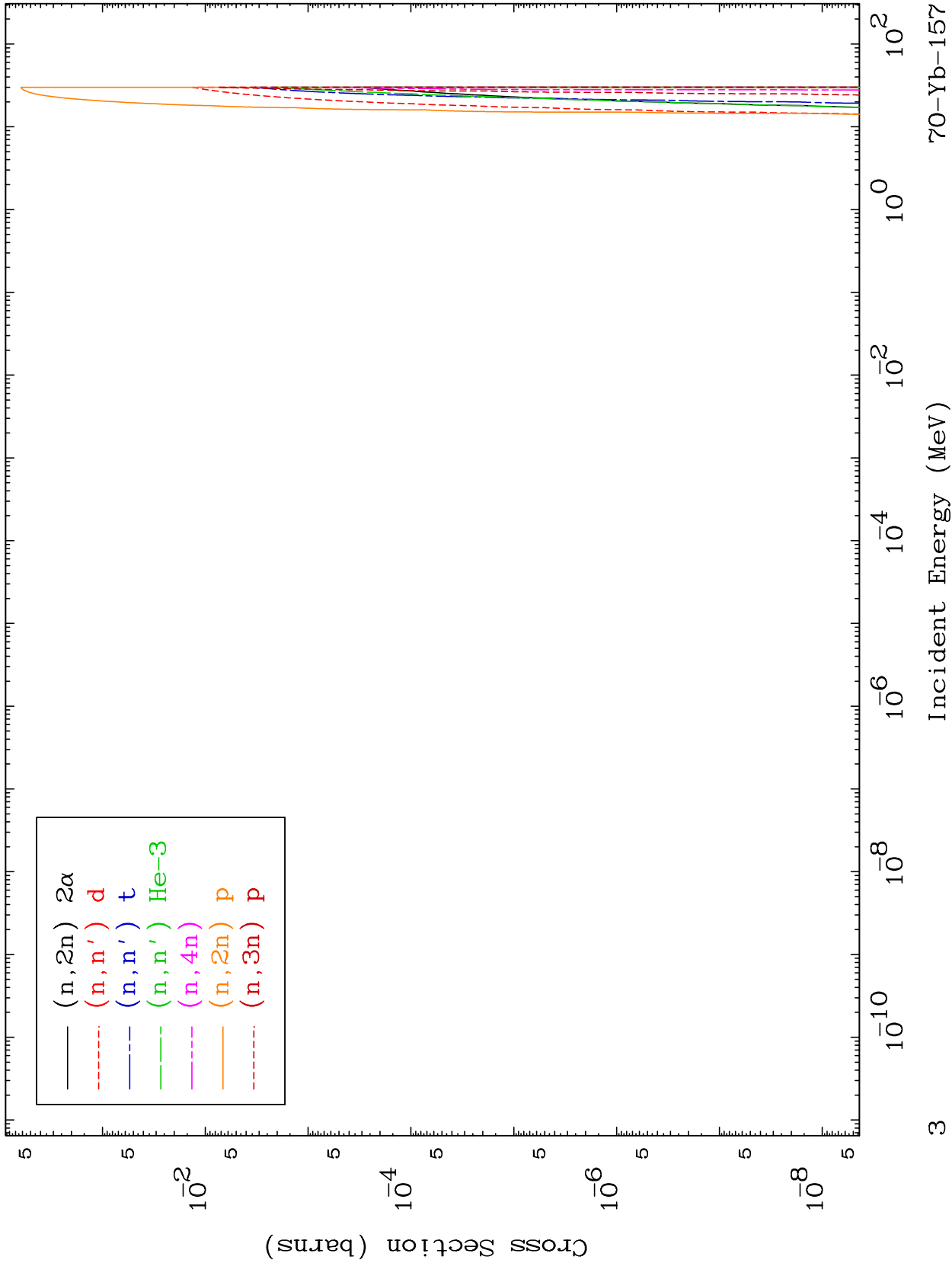
70-Yb-157



MAT 6992

Neutron Production
293 Kelvin Cross Sections

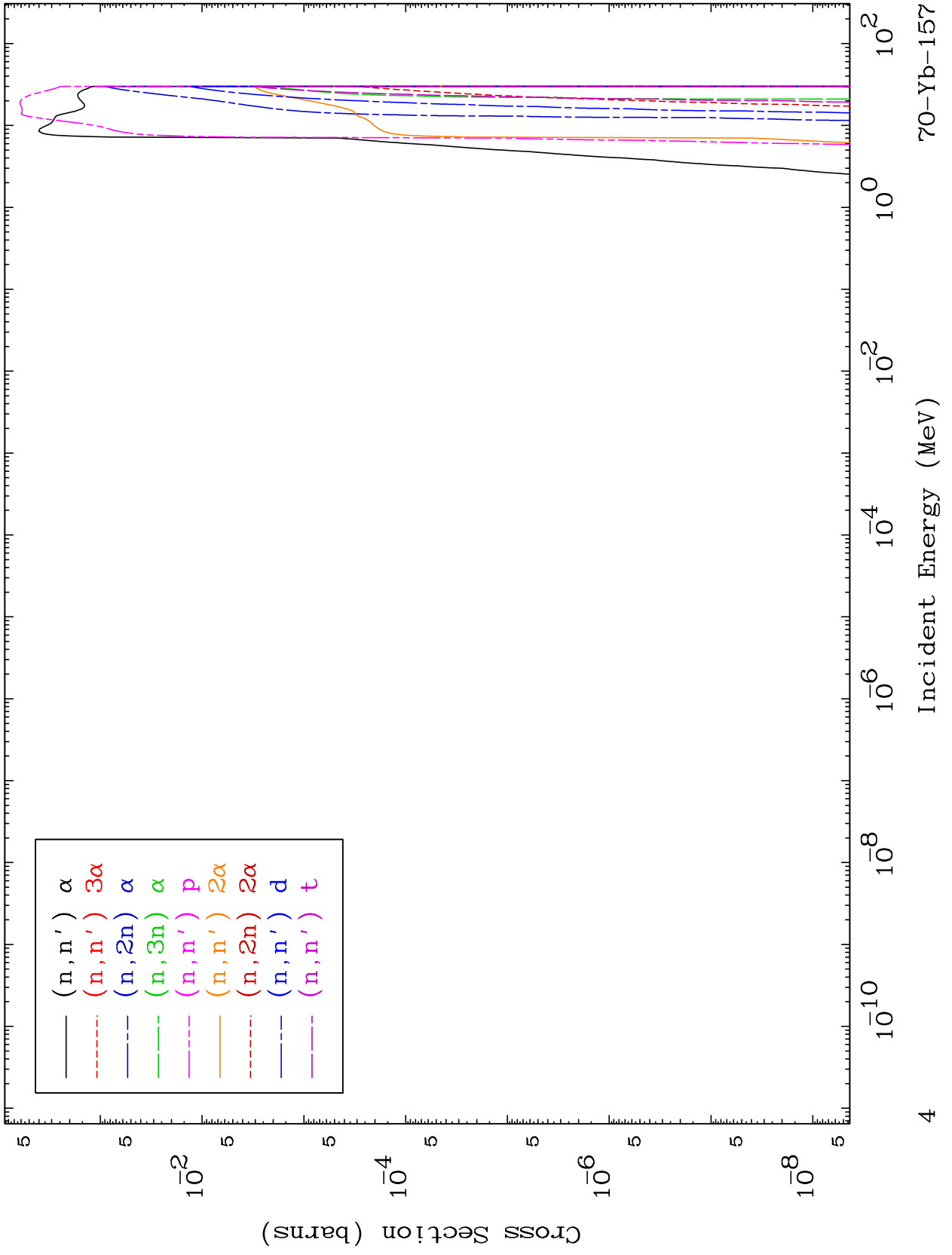
70-Yb-157

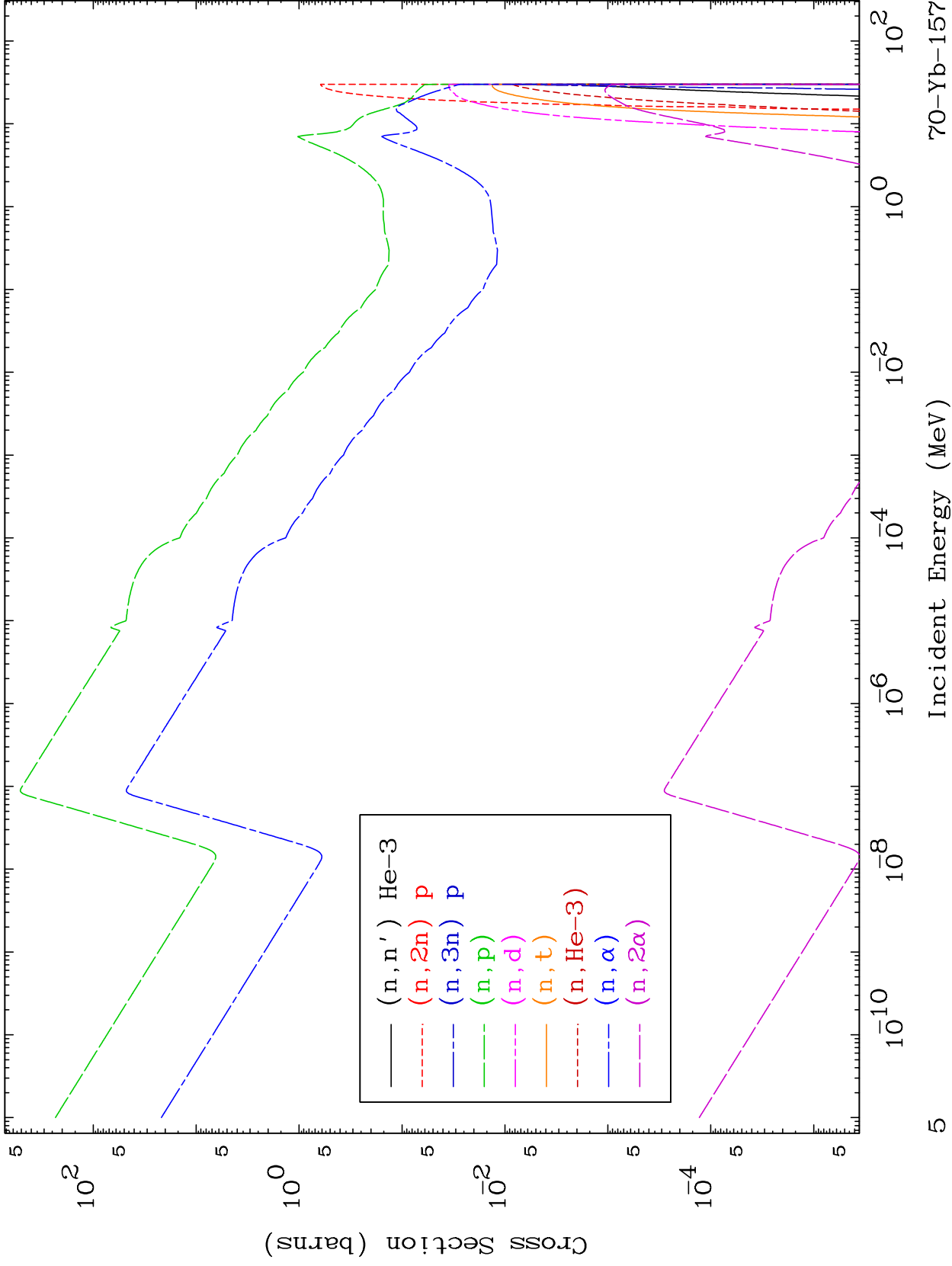


MAT 6992

Charged Particle
293 Kelvin Cross Sections

70-Yb-157

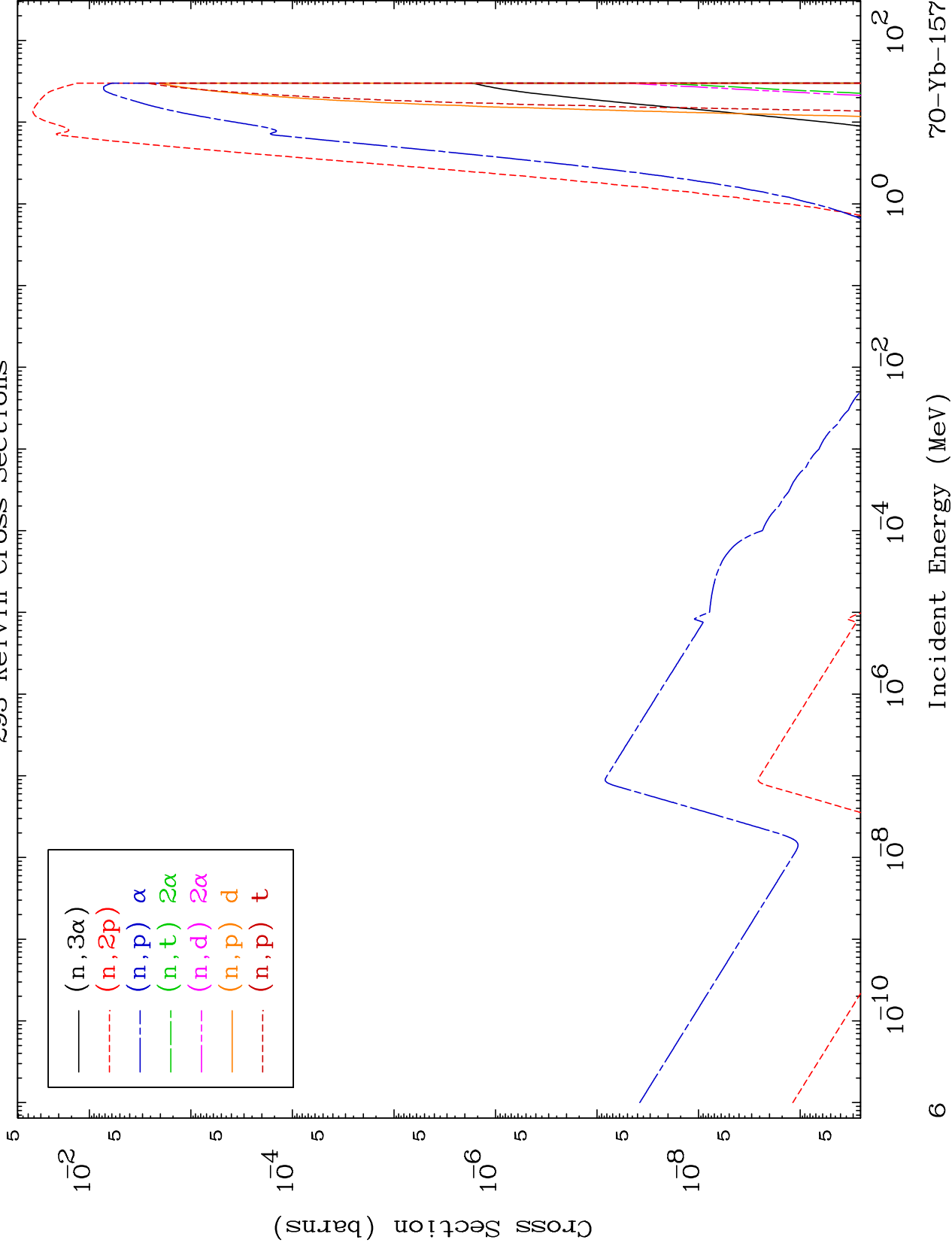


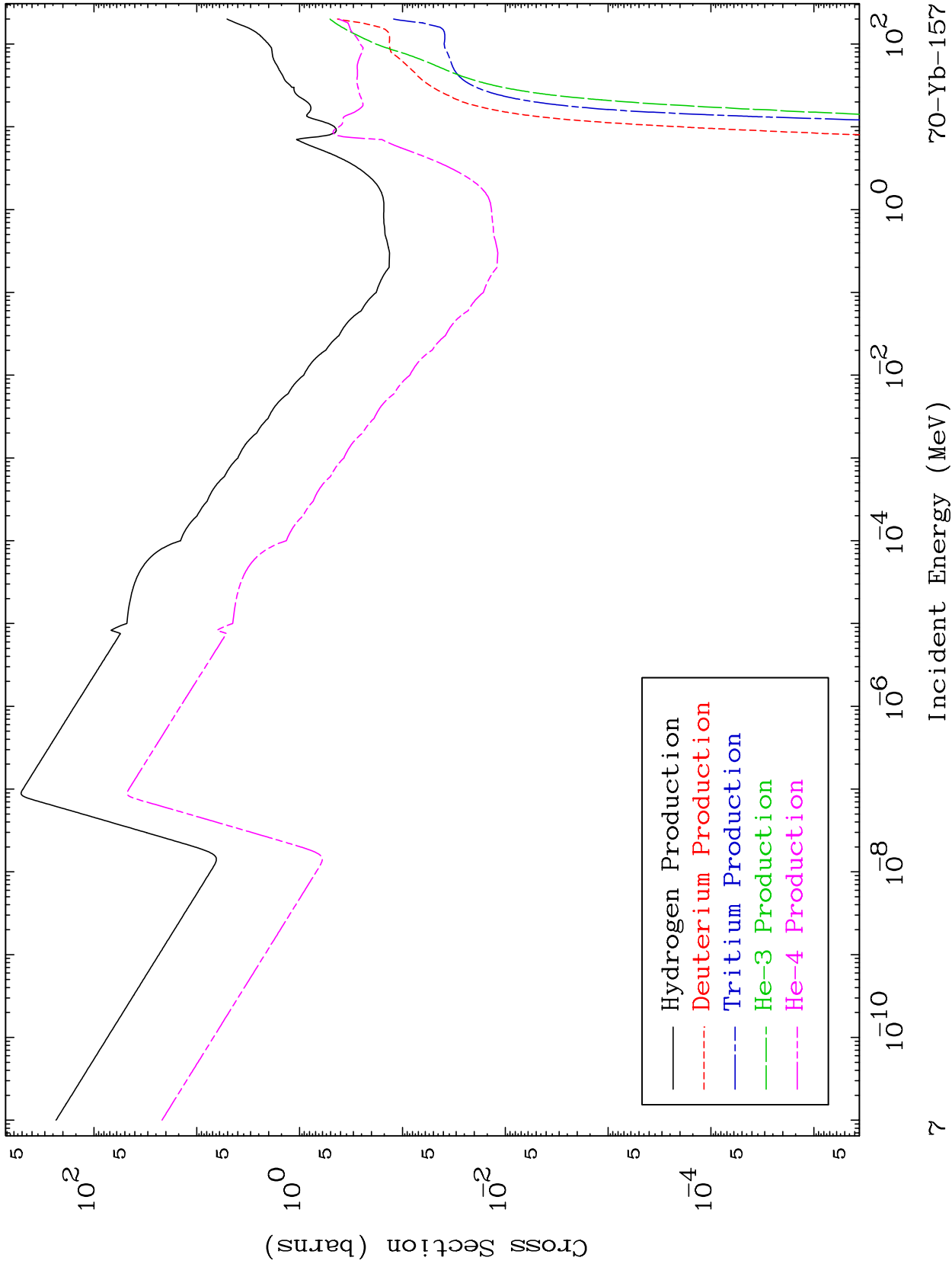


MAT 6992

Charged Particle
293 Kelvin Cross Sections

70-Yb-157

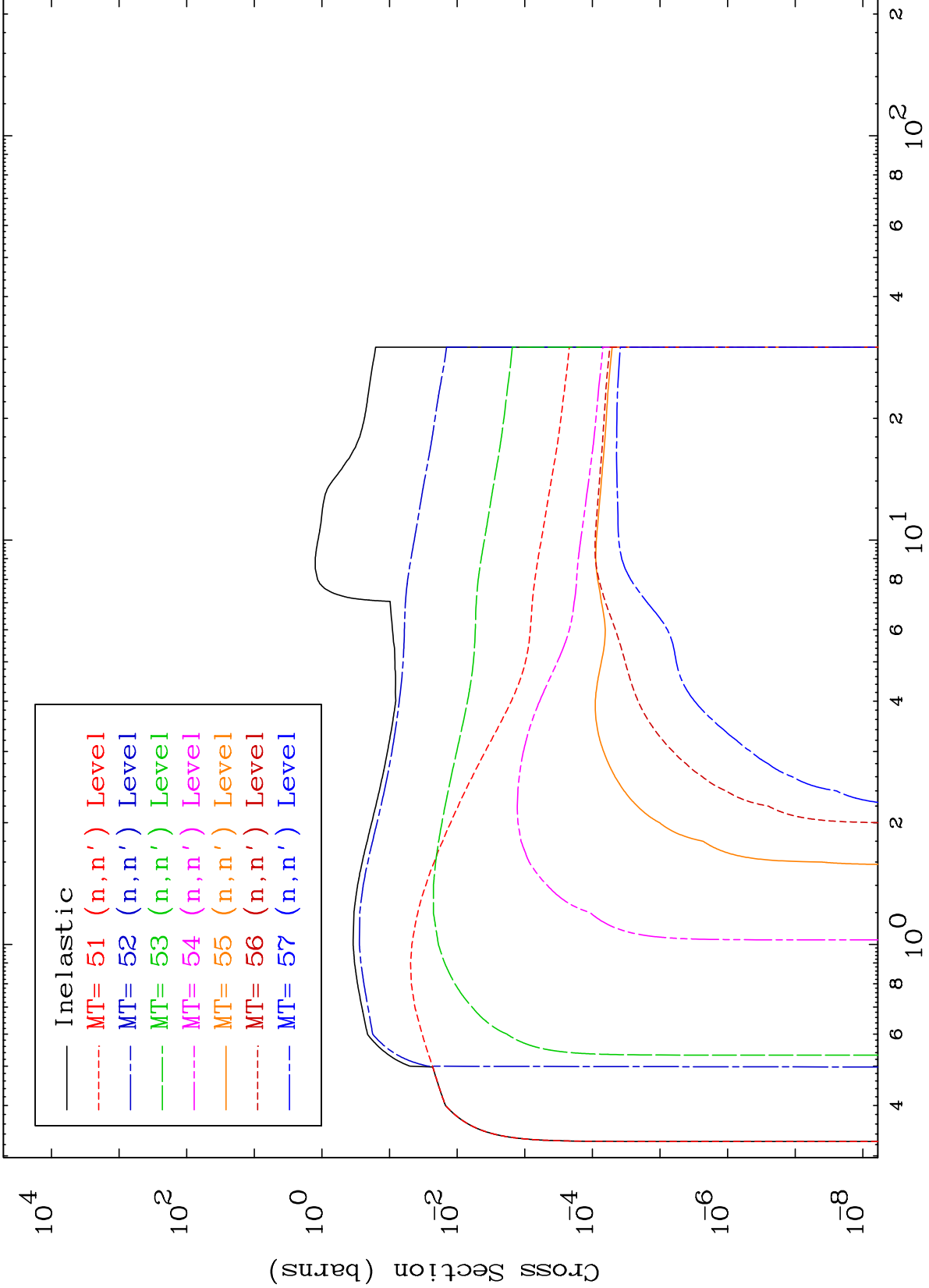




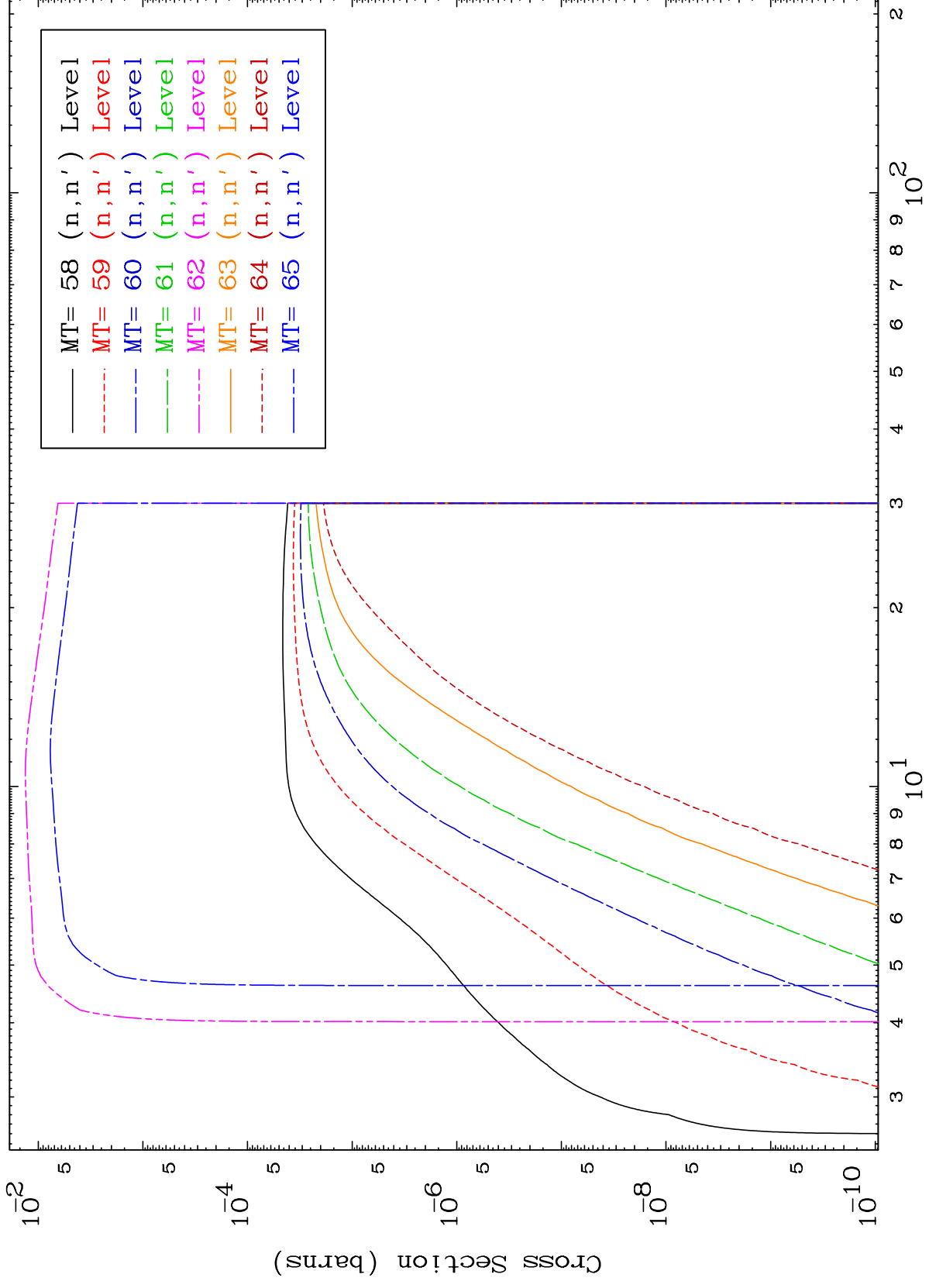
MAT 6992

(n,n') Level
293 Kelvin Cross Sections

70-Yb-157



293 Kelvin Cross Sections

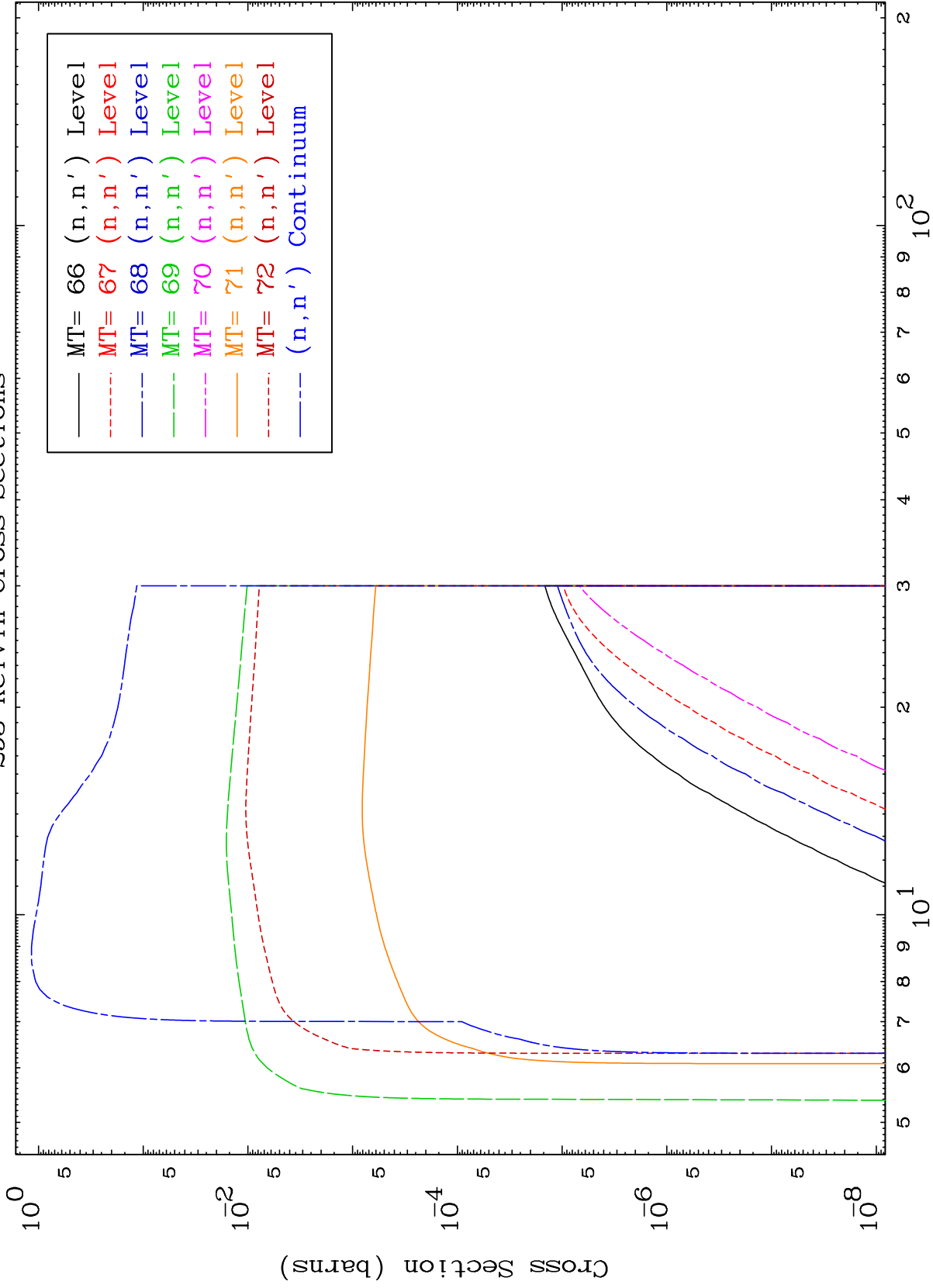


MAT 6992

(n,n') Level

70-Yb-157

293 Kelvin Cross Sections



Incident Energy (MeV)

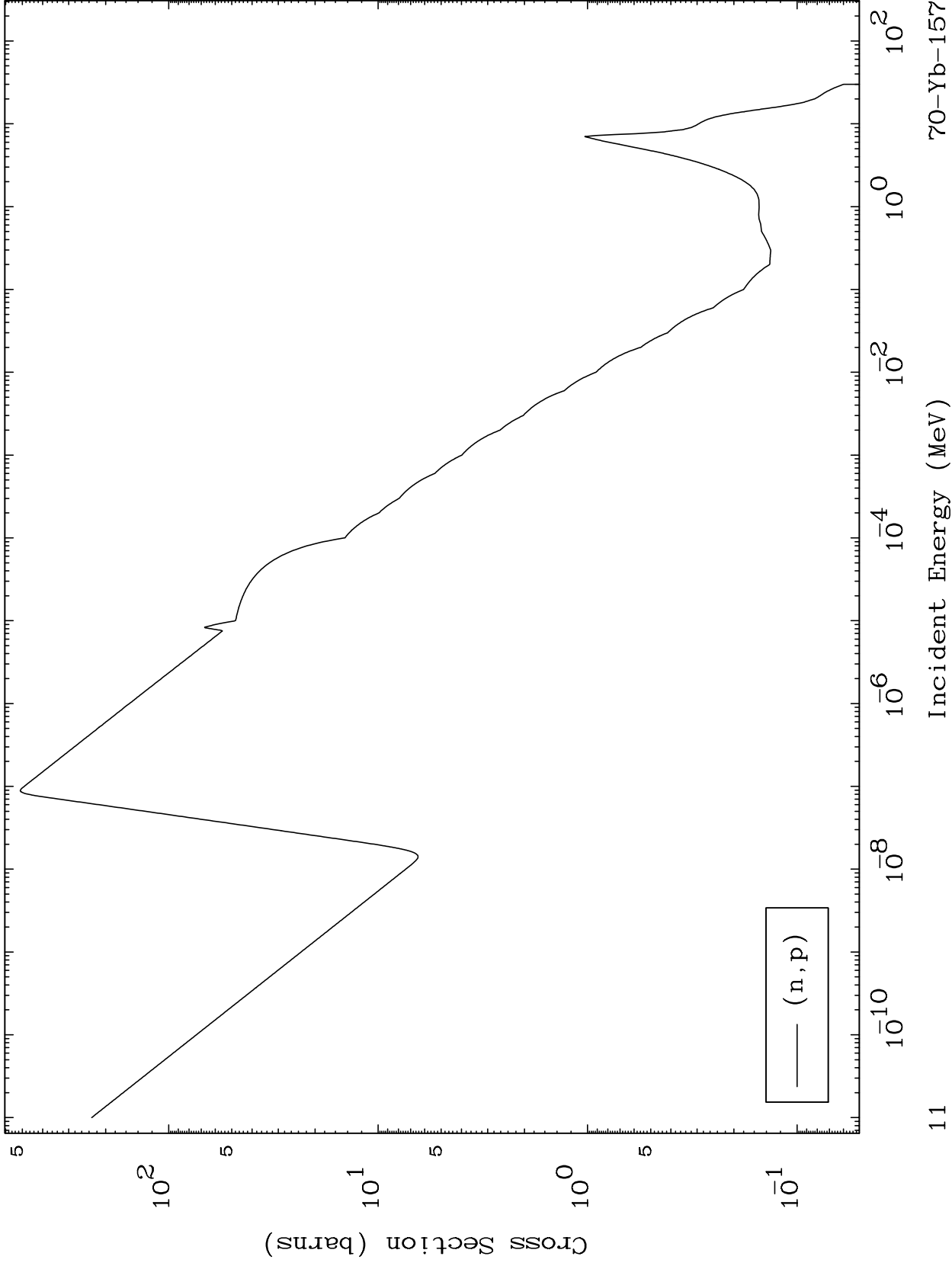
70-Yb-157

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MAT 6992

(n,p) Levels
293 Kelvin Cross Sections

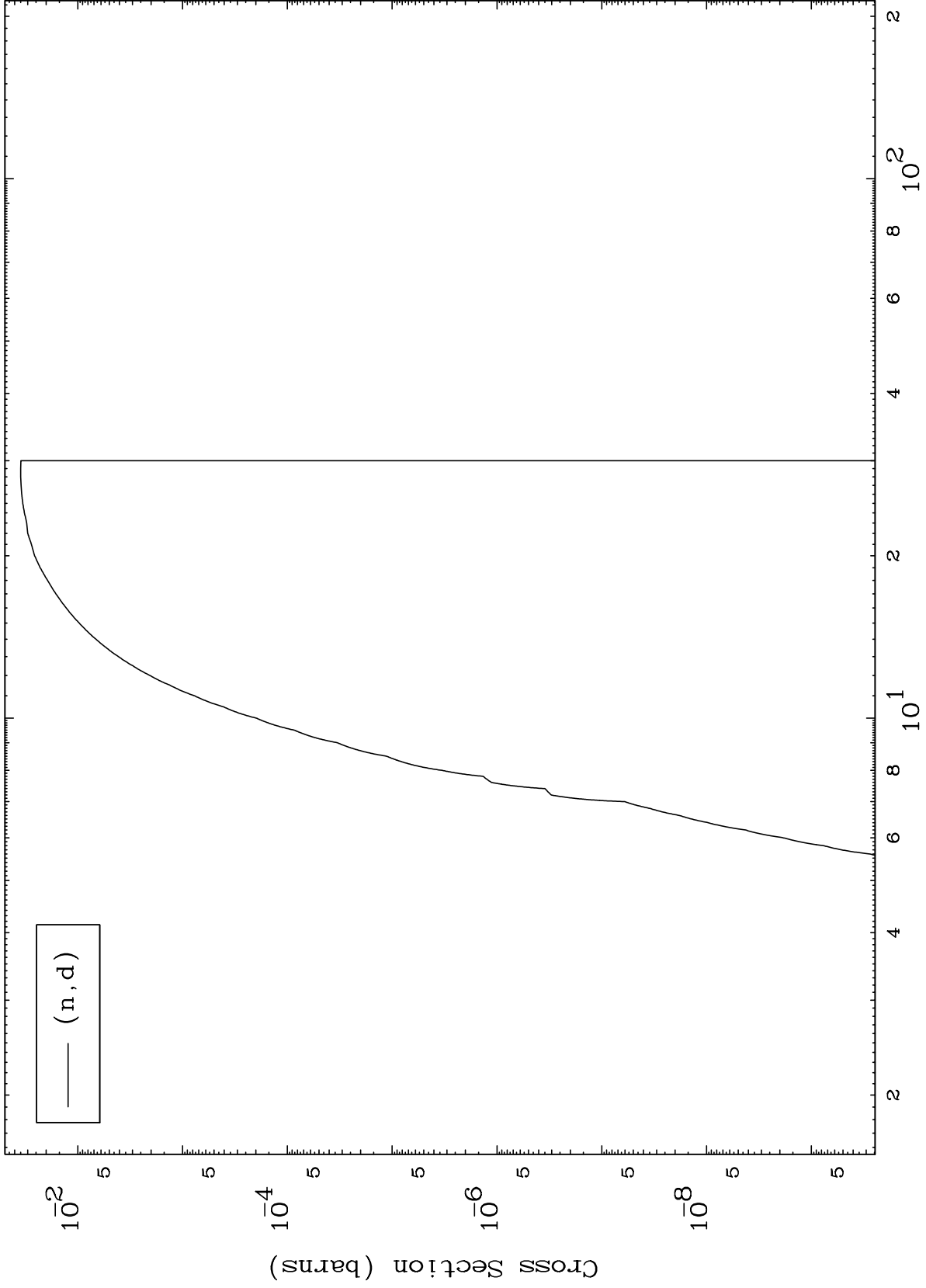
70-Yb-157



MAT 6992

(n,d) Levels
293 Kelvin Cross Sections

70-Yb-157



12

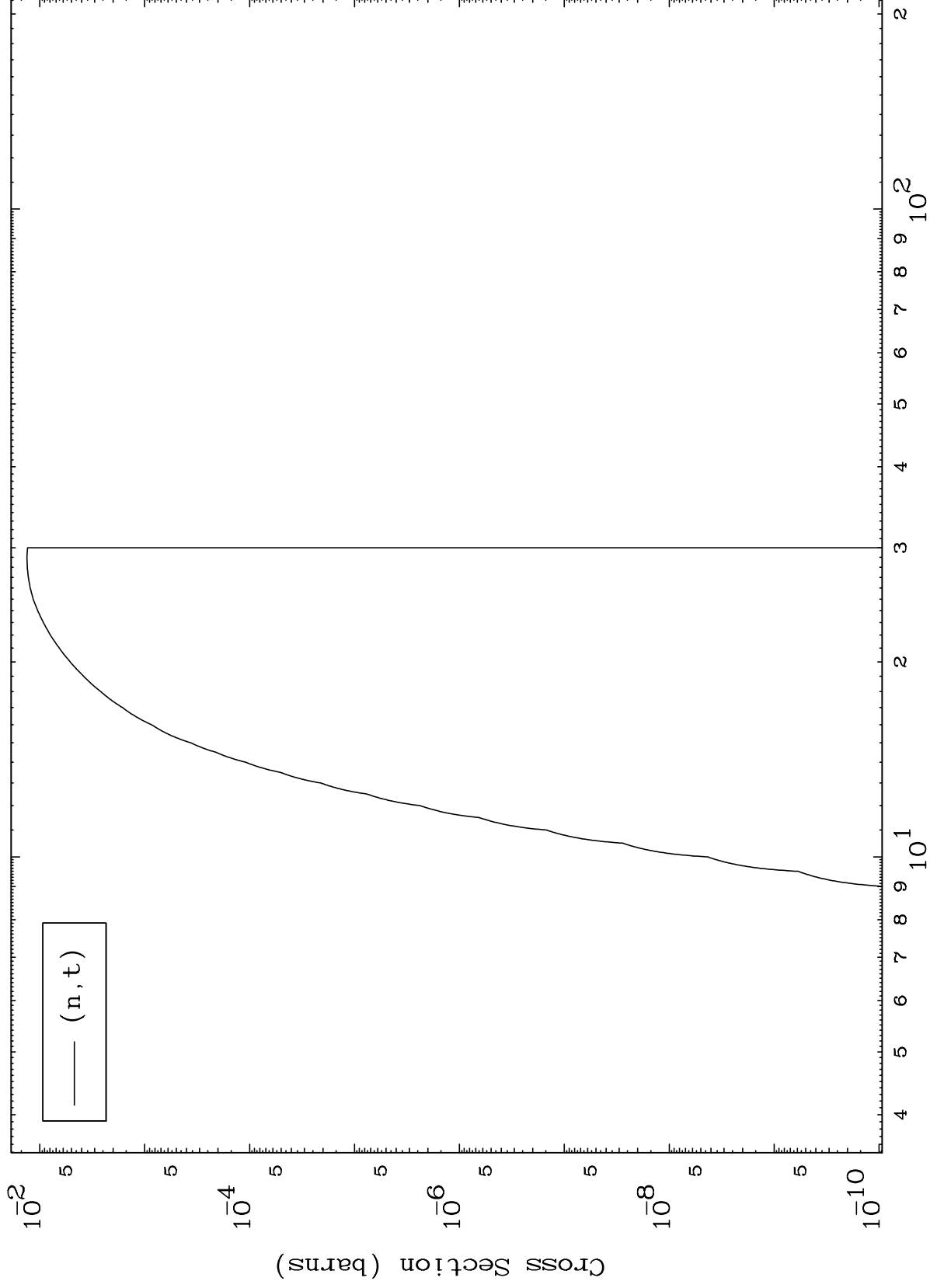
Incident Energy (MeV)

70-Yb-157

MAT 6992

(n,t) Levels
293 Kelvin Cross Sections

70-Yb-157



13

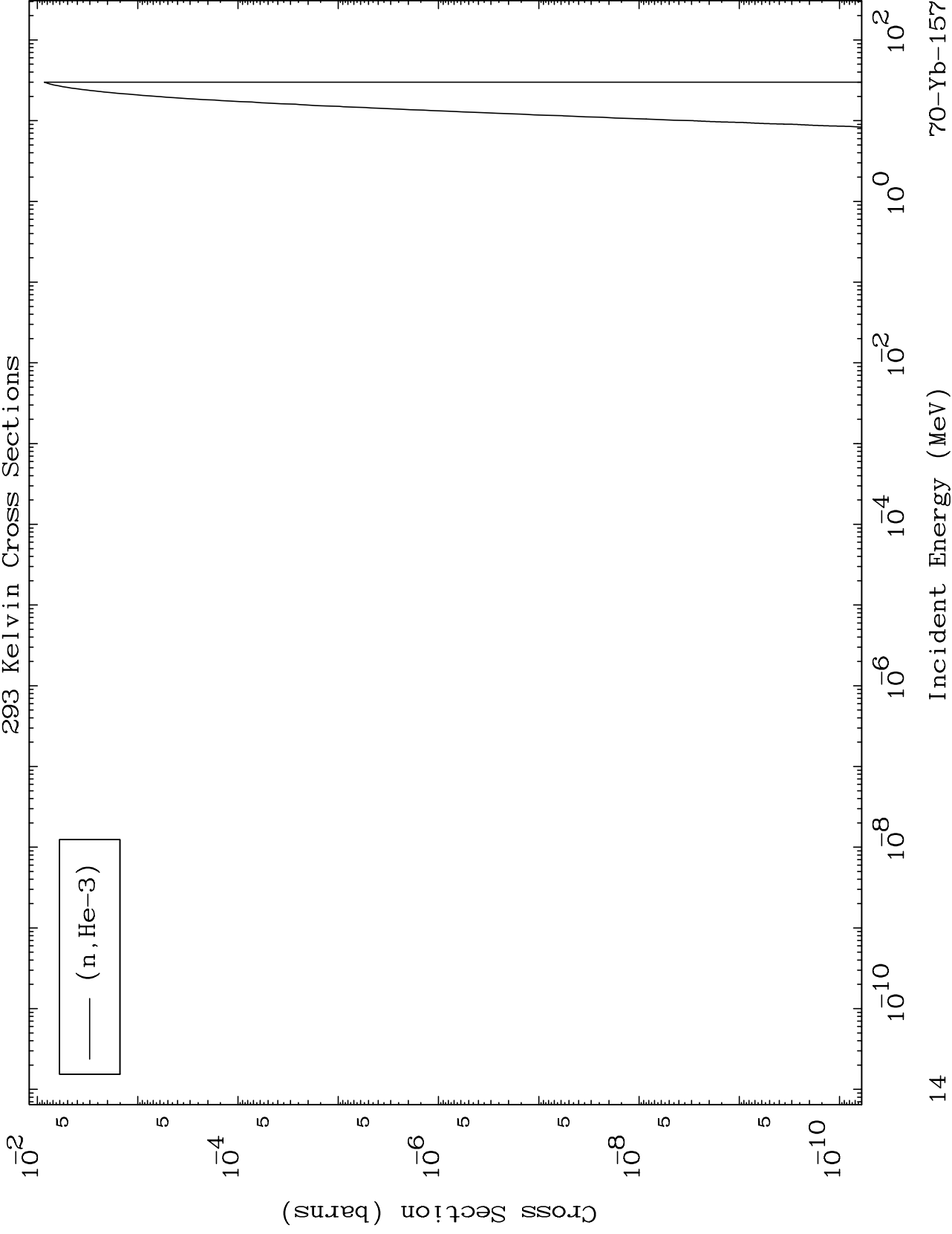
Incident Energy (MeV)

70-Yb-157

MAT 6992

(n,He3) Levels
293 Kelvin Cross Sections

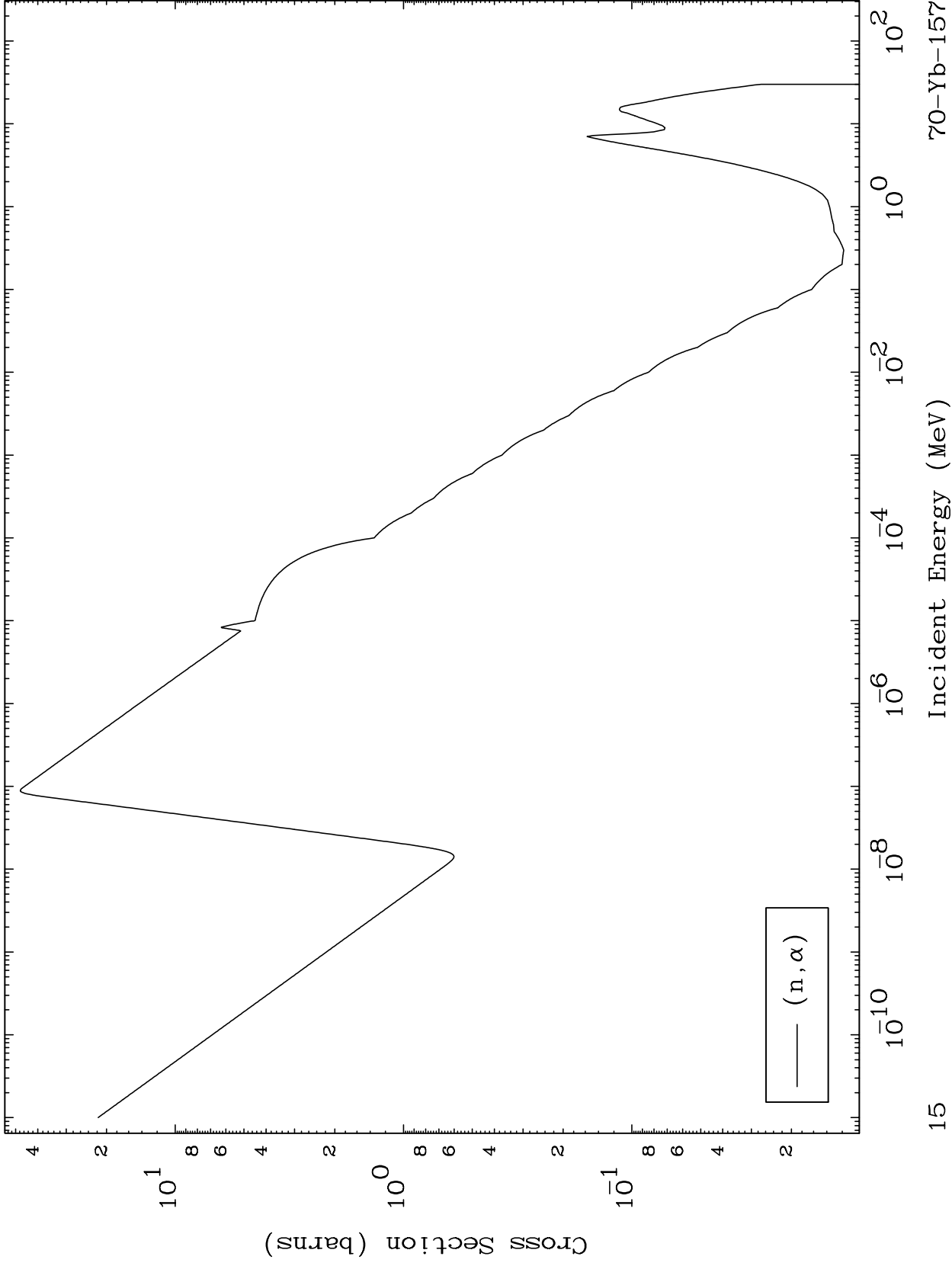
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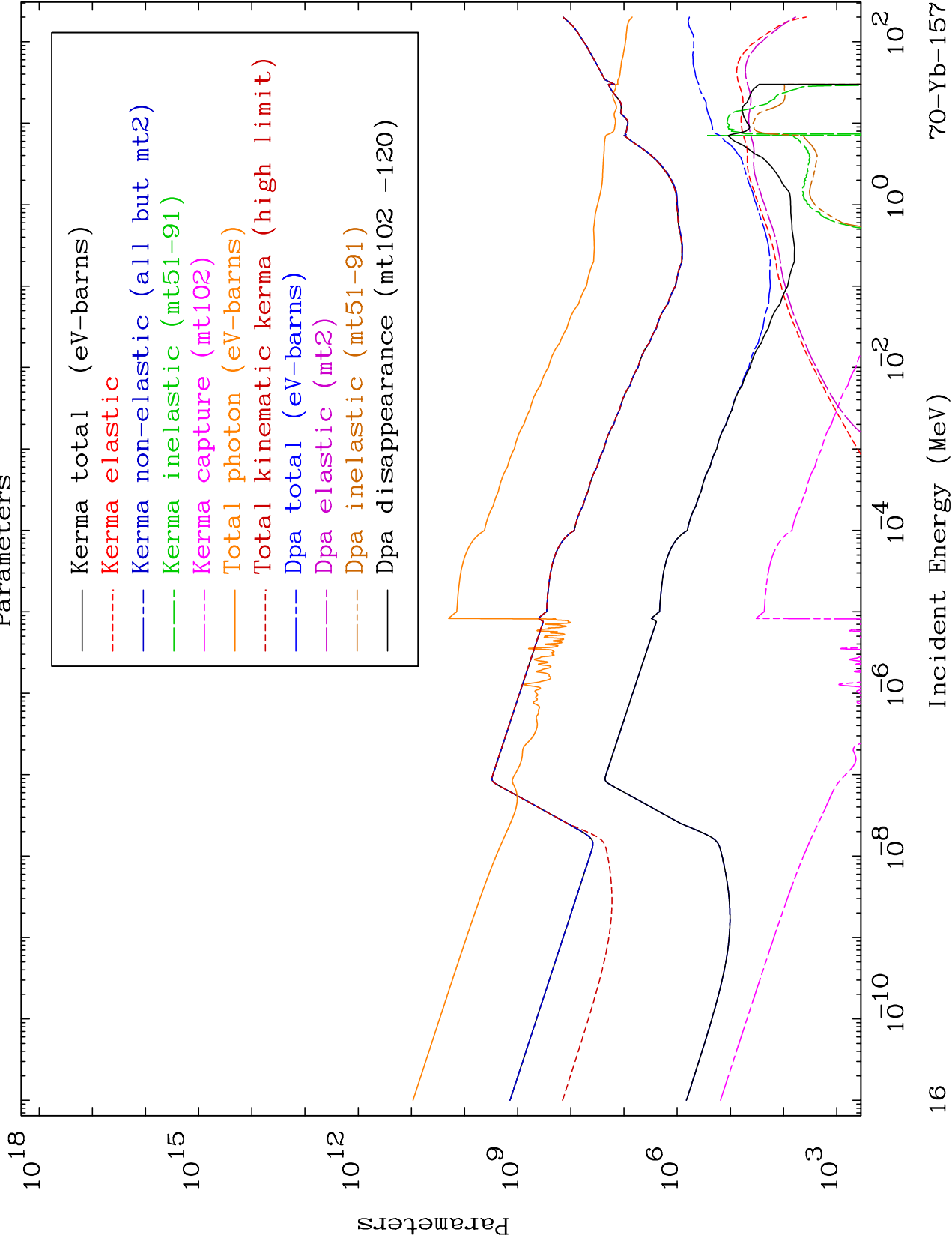


MAT 6992

(n,α) Levels
293 Kelvin Cross Sections

70-Yb-157

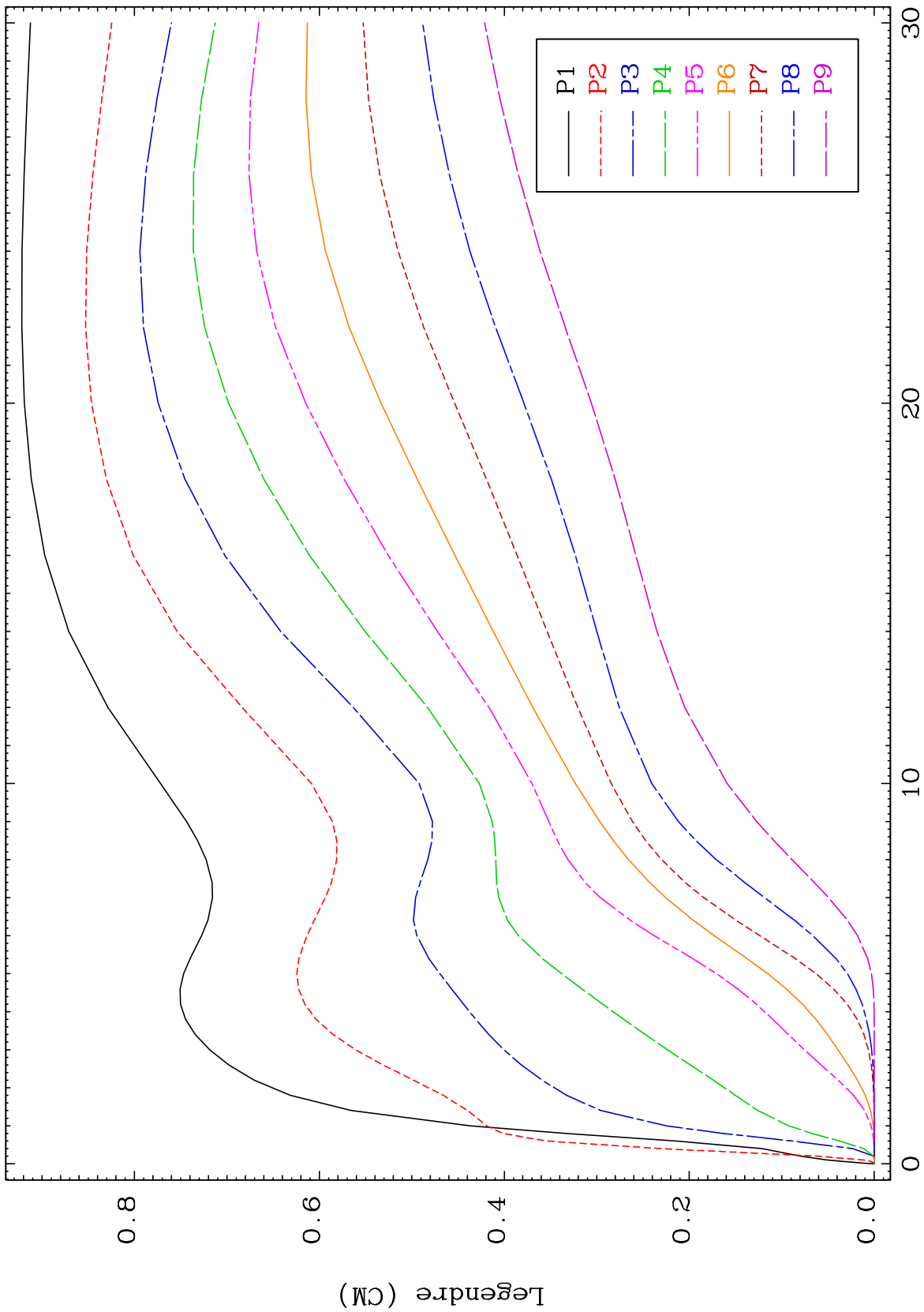




MAT 6992

70-Yb-157

Elastic Legendre Coefficients



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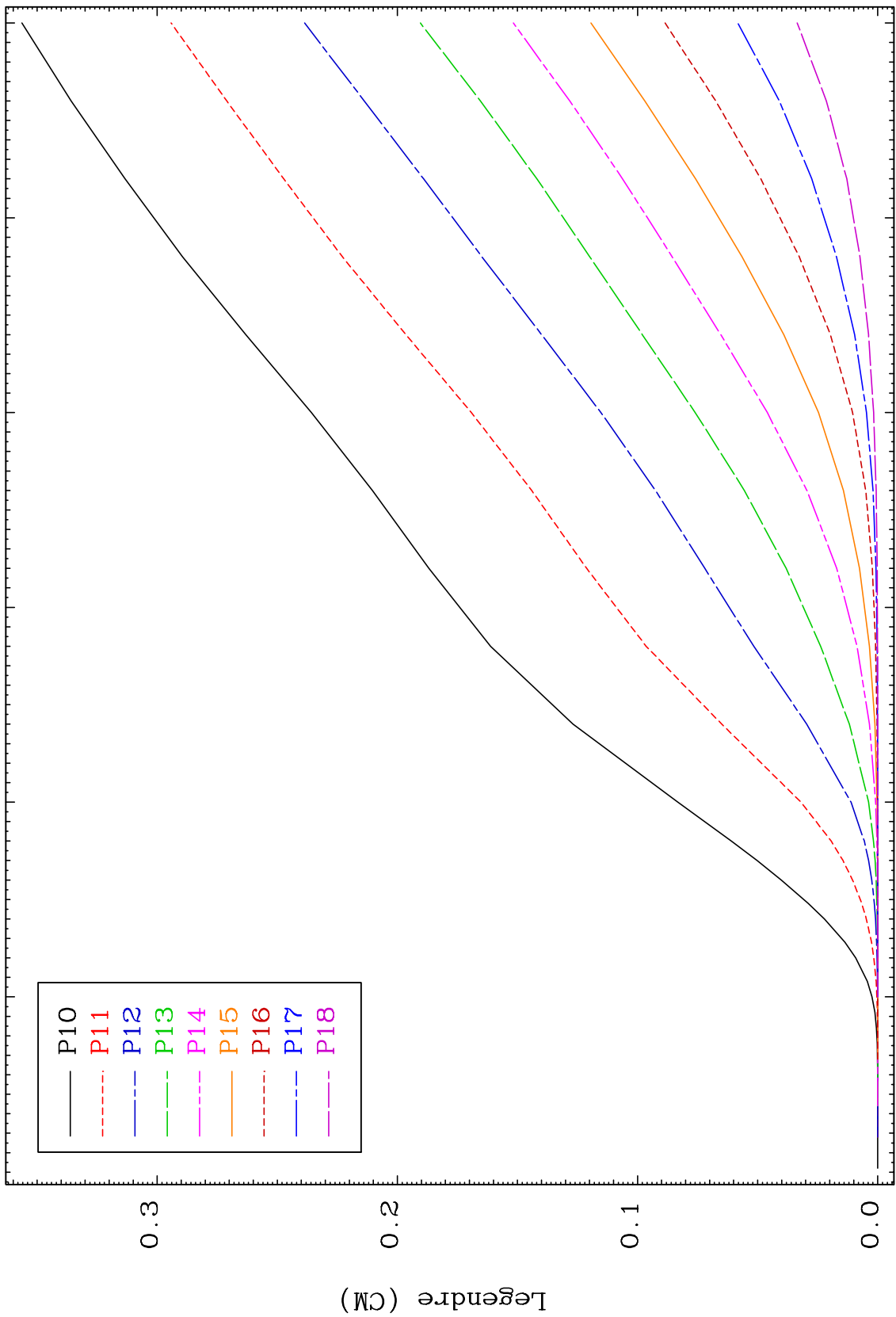
Incident Energy (MeV)

70-Yb-157

MAT 6992

Elastic
Legendre Coefficients

70-Yb-157



18

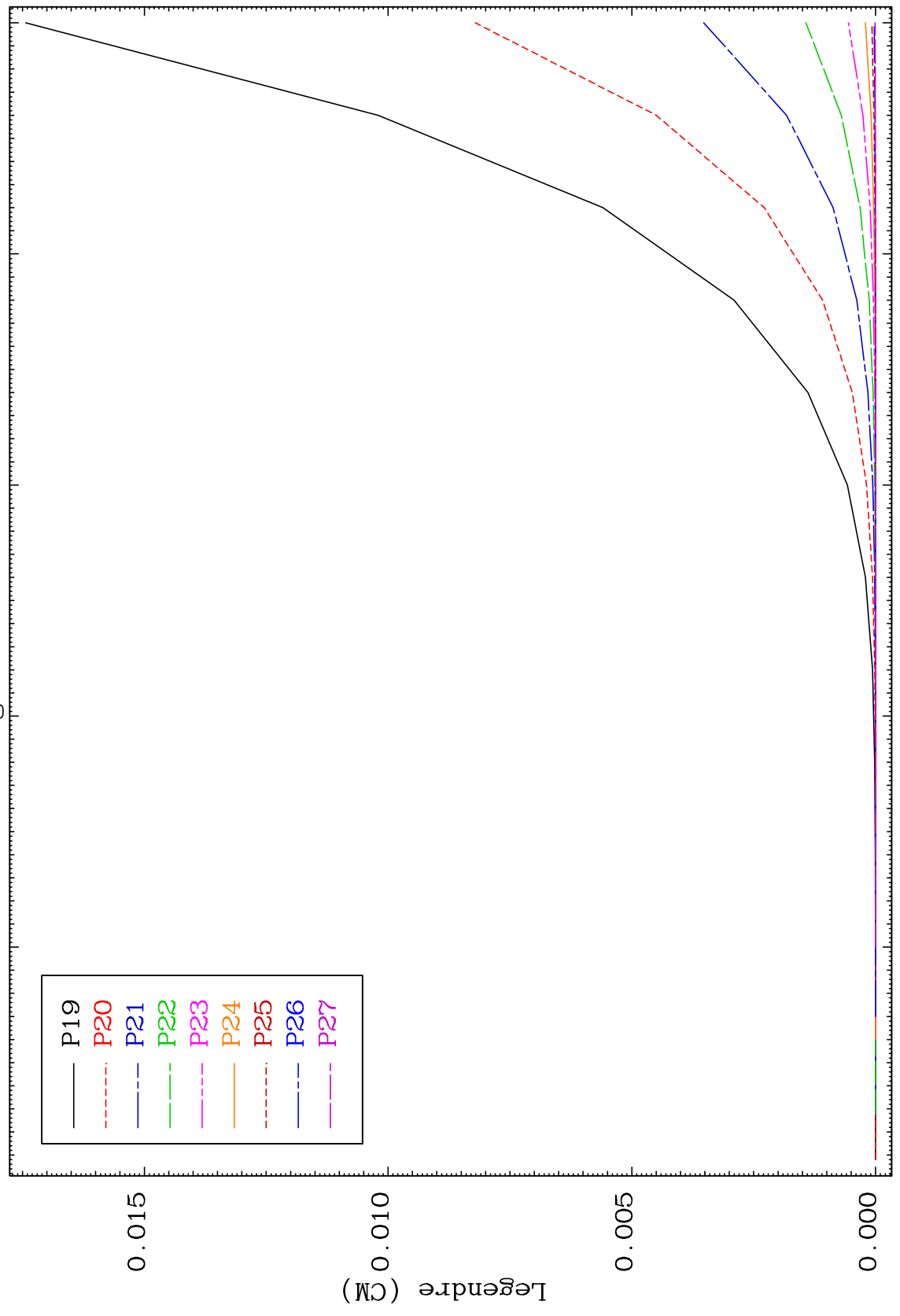
Incident Energy (MeV)

70-Yb-157

MAT 6992

Elastic Legendre Coefficients

70-Yb-157



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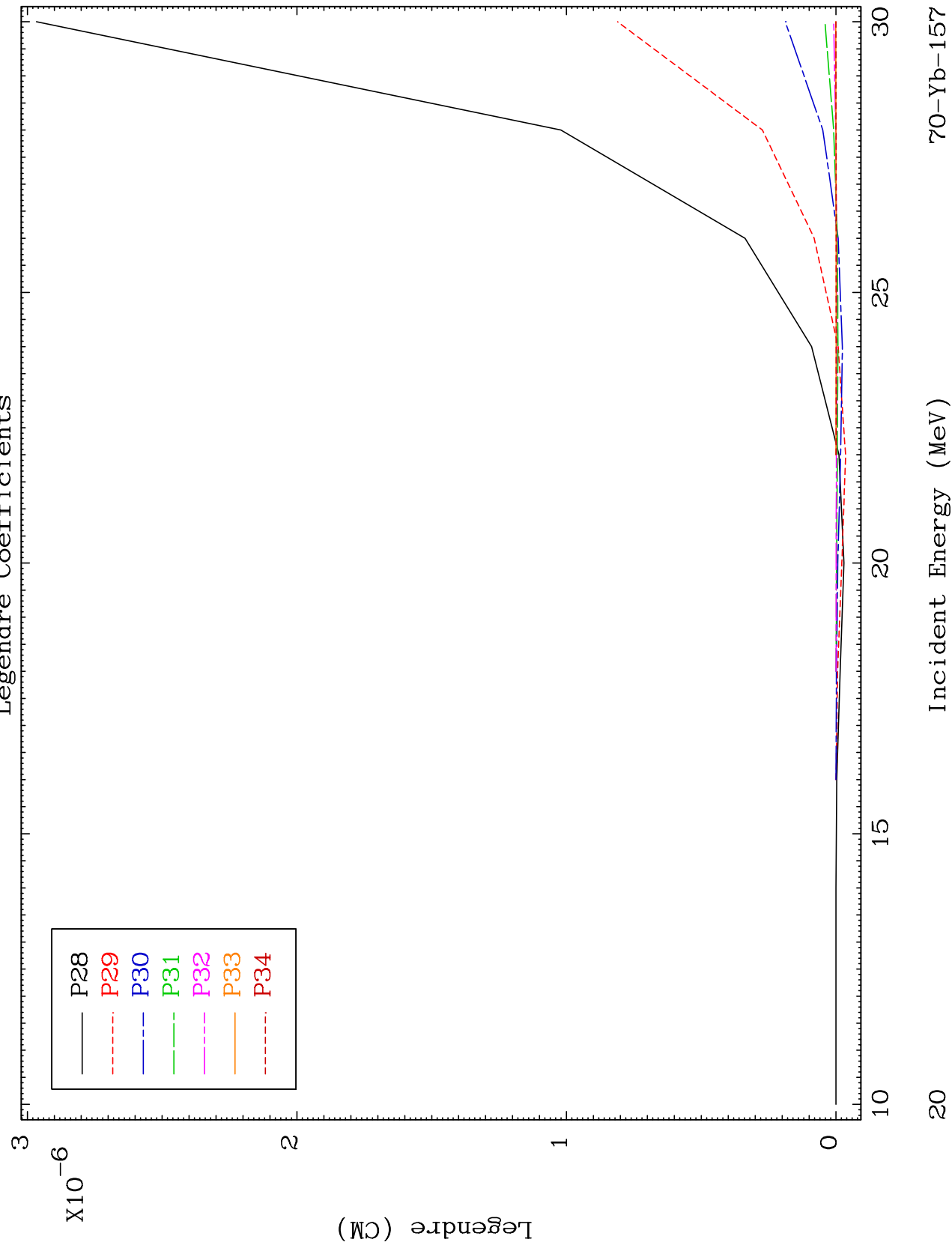
Incident Energy (MeV)

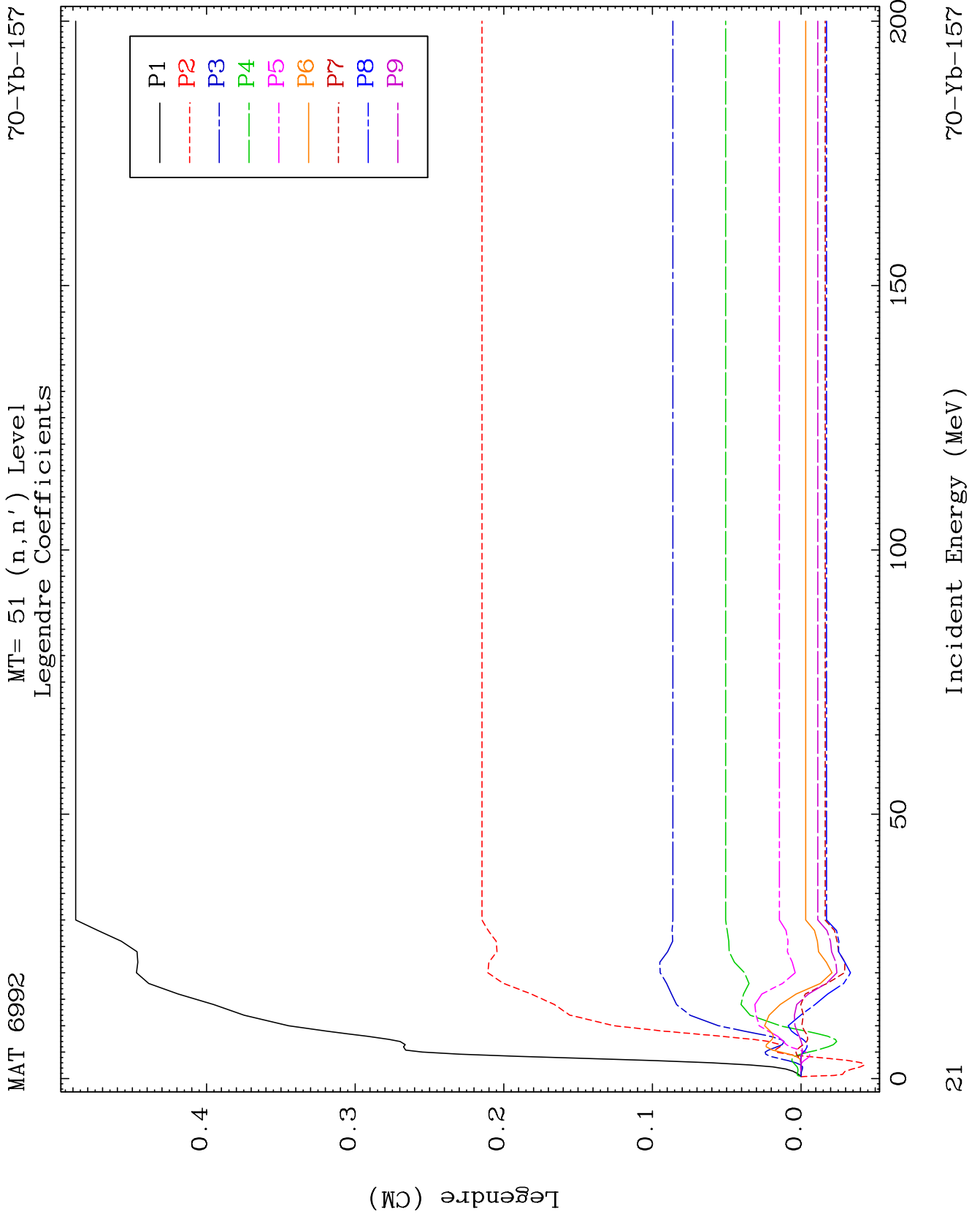
70-Yb-157

MAT 6992

Elastic Legendre Coefficients

70-Yb-157

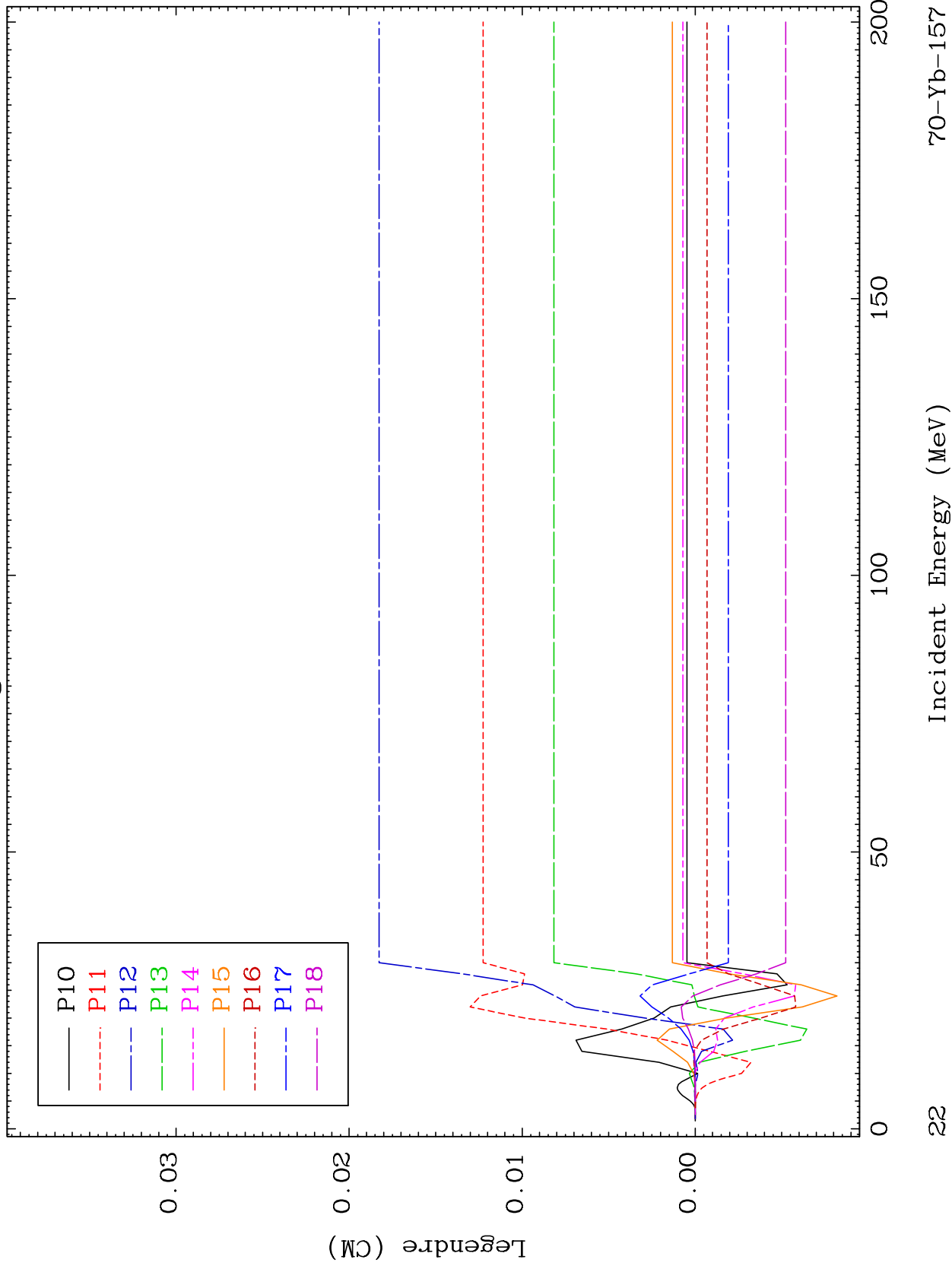




MAT 6992

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

70-Yb-157

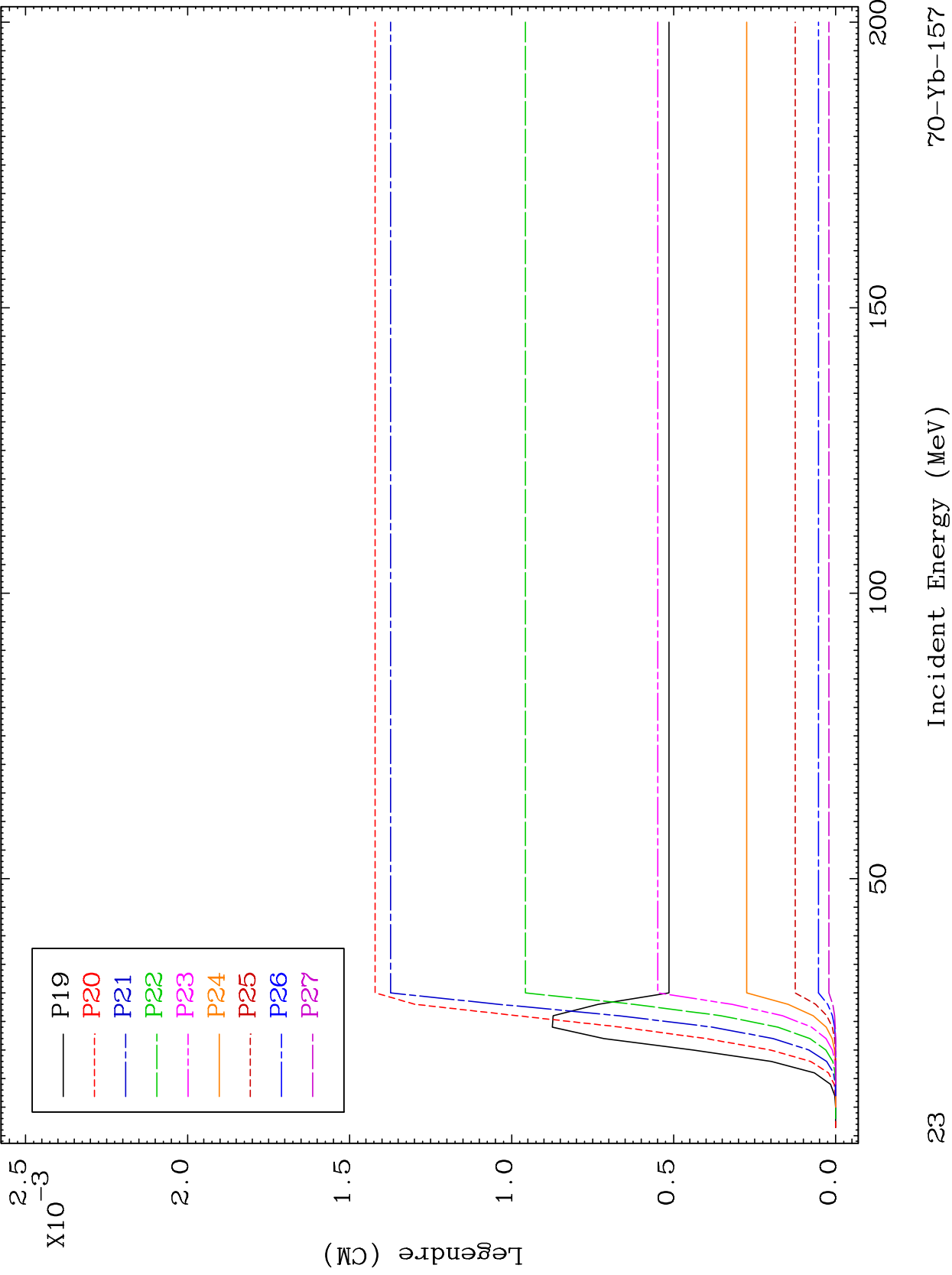


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MAT 6992

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

70-Yb-157

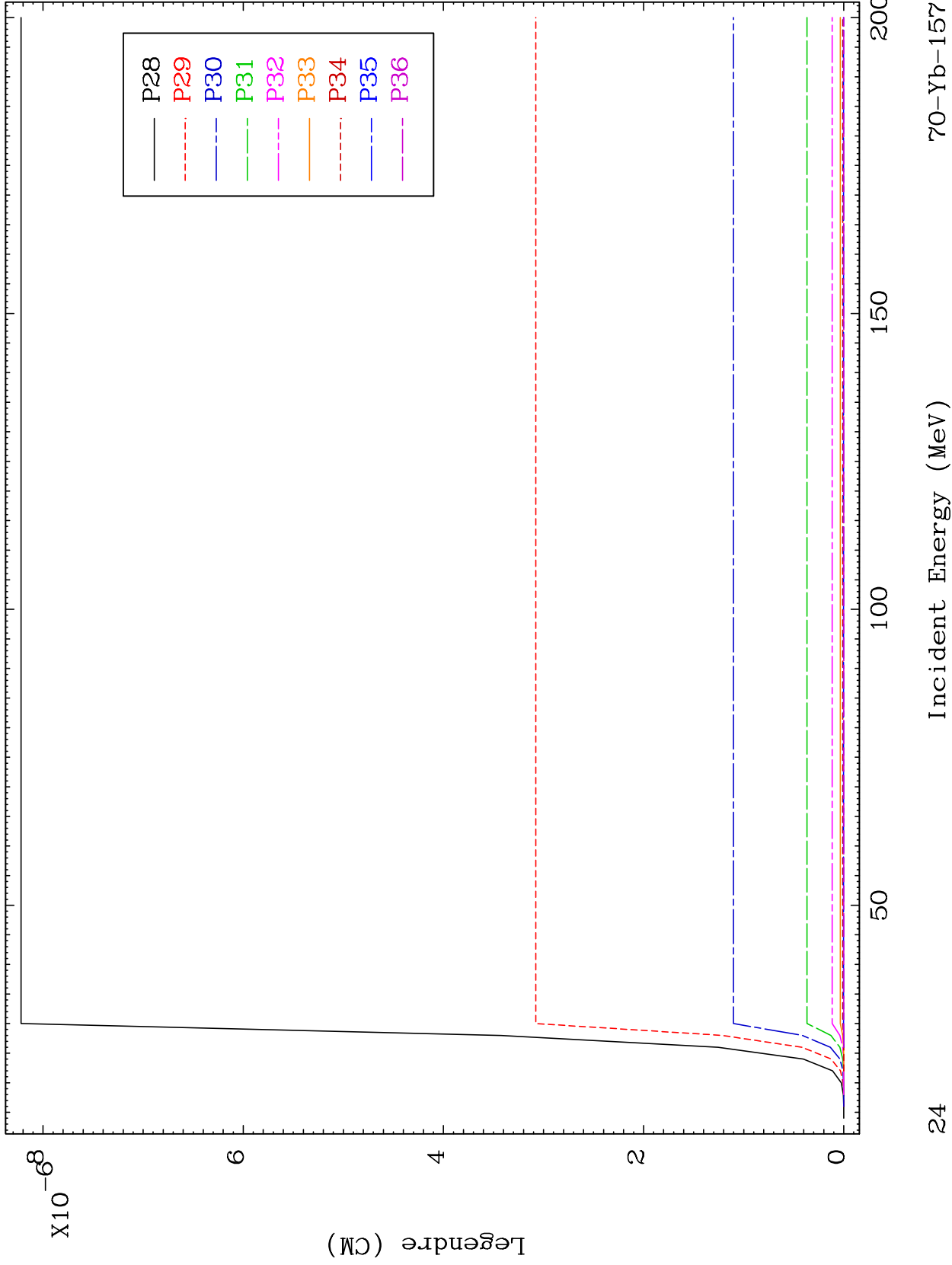


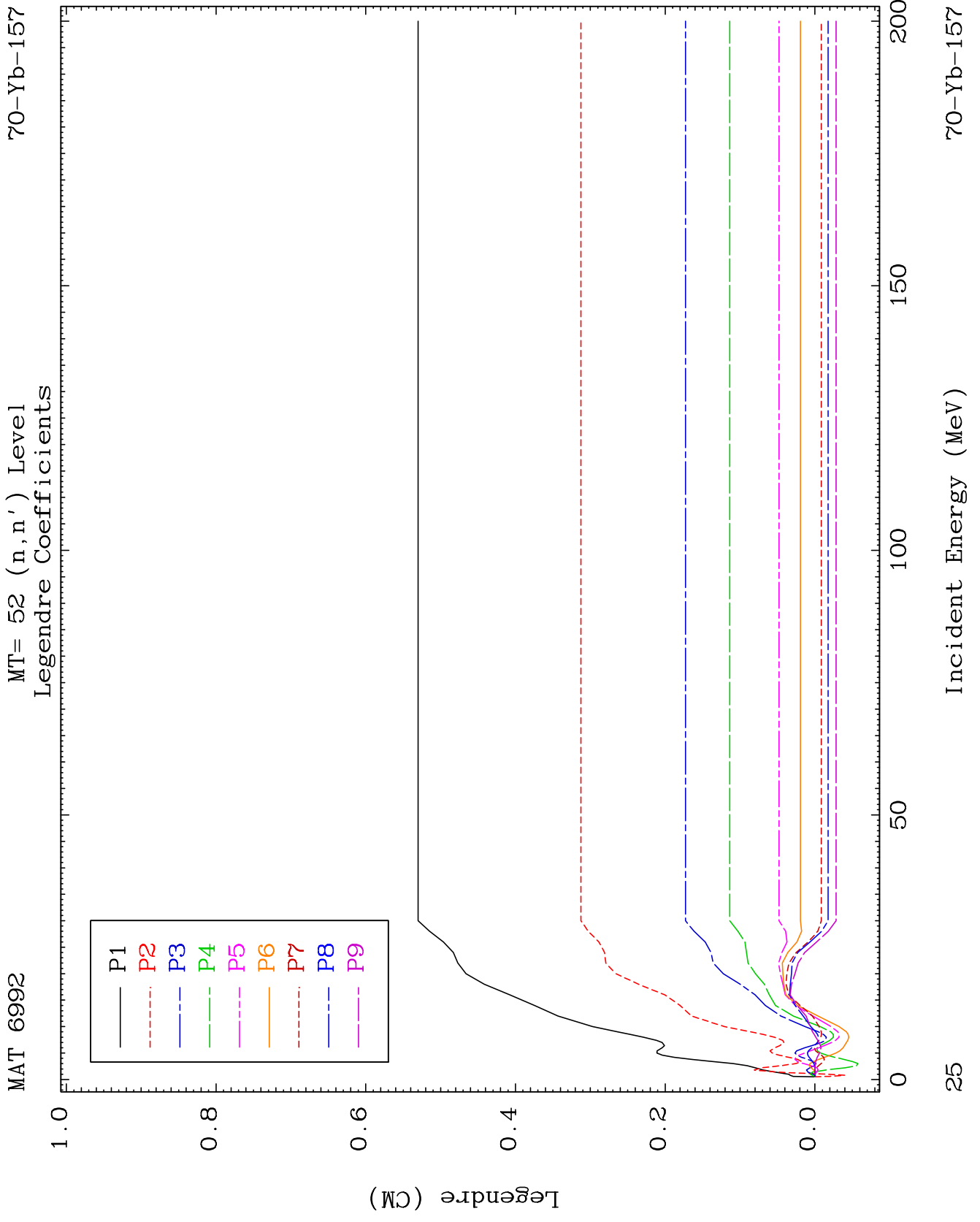
23

MAT 6992

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

70-Yb-157

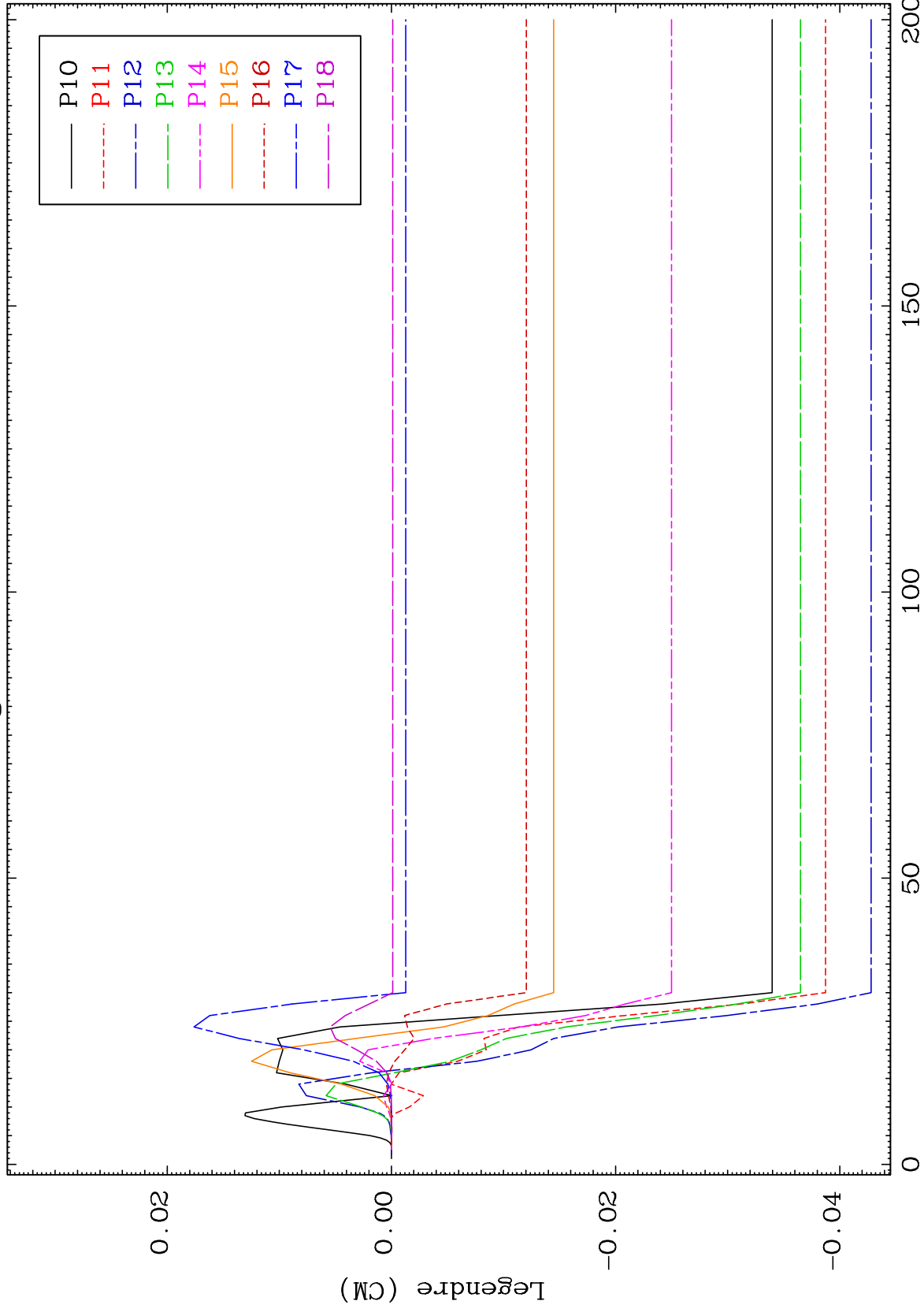




MAT 6992

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

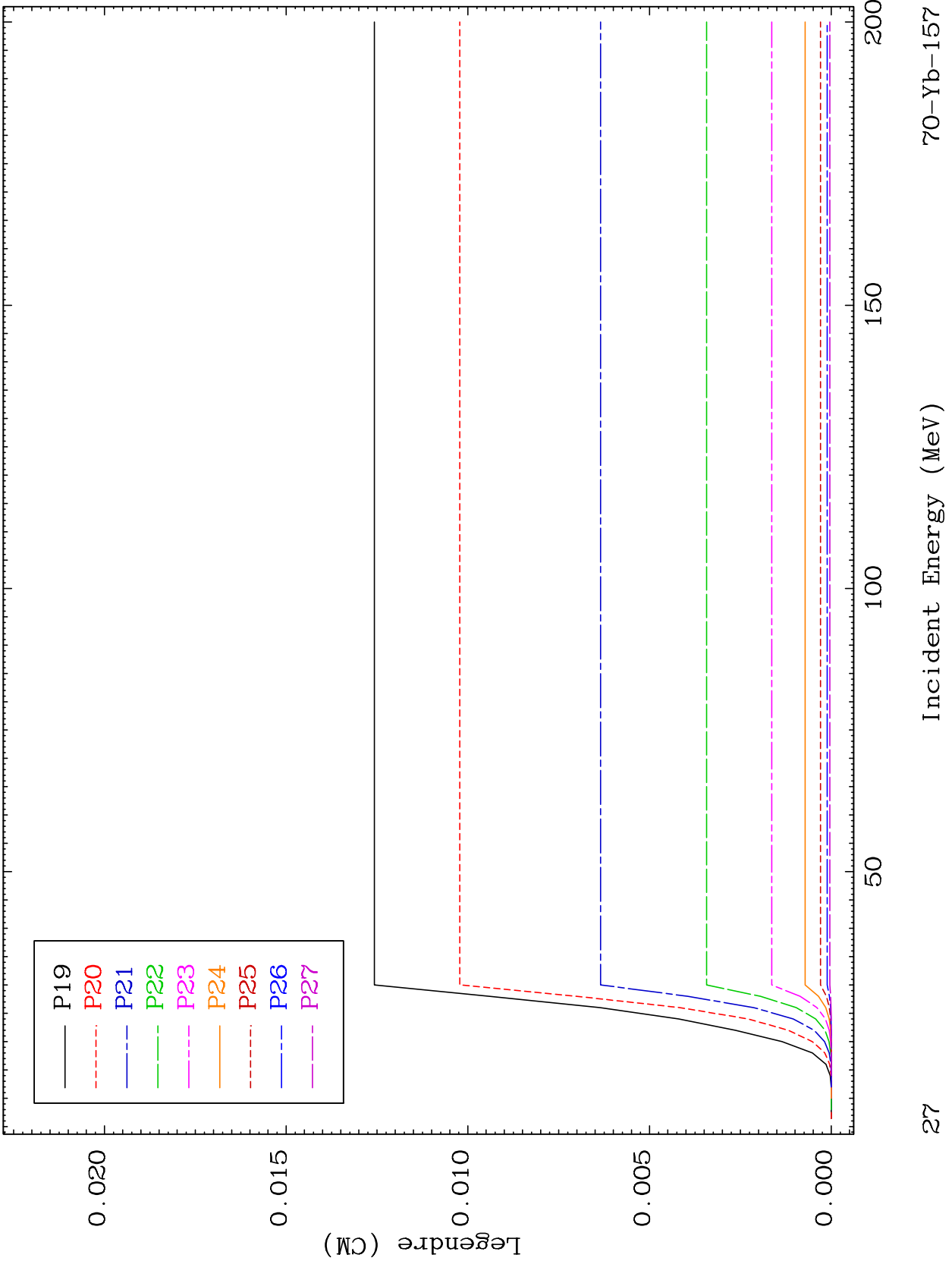
70-Yb-157



26

Incident Energy (MeV)

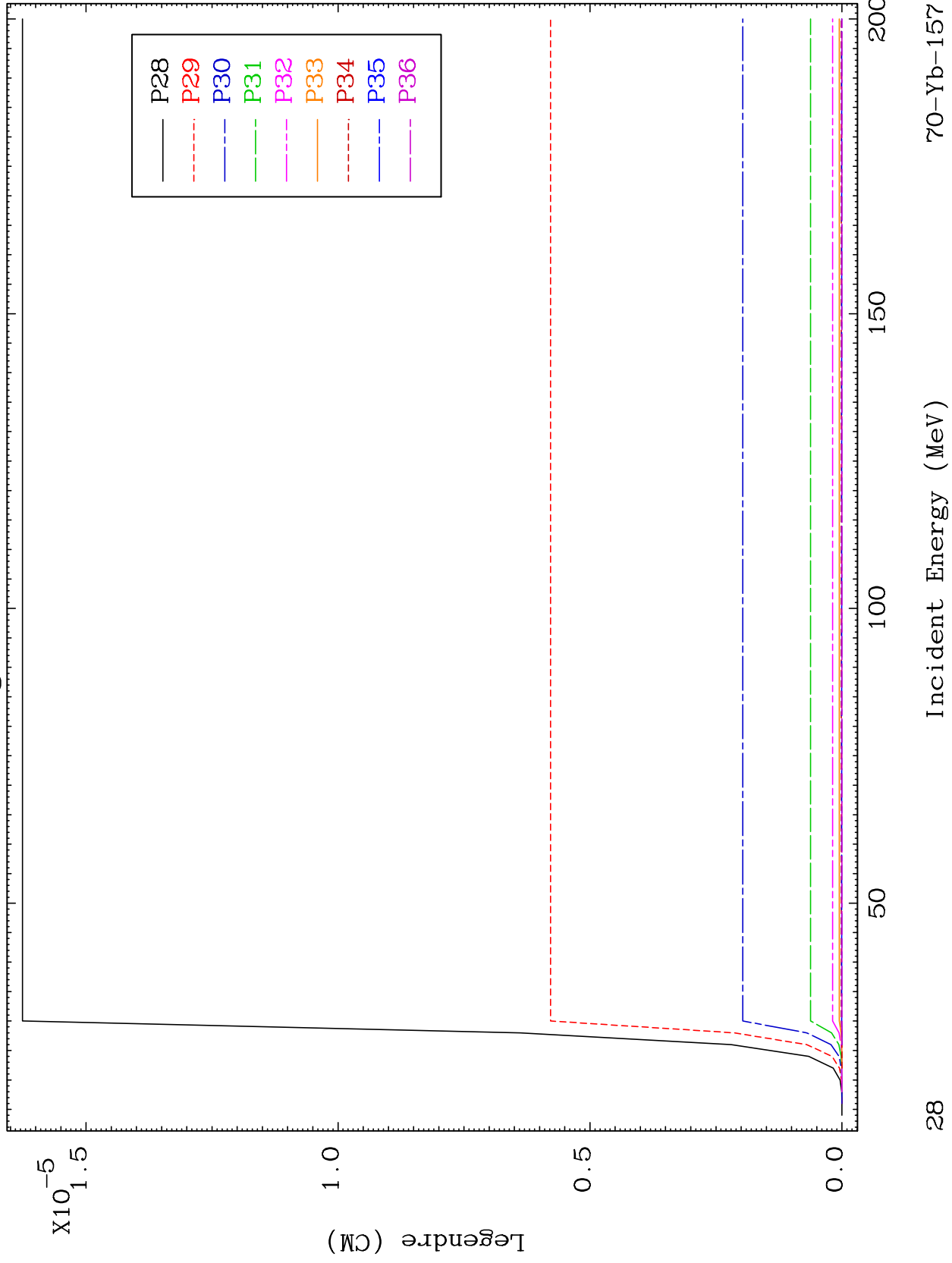
70-Yb-157



MAT 6992

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

70-Yb-157



28

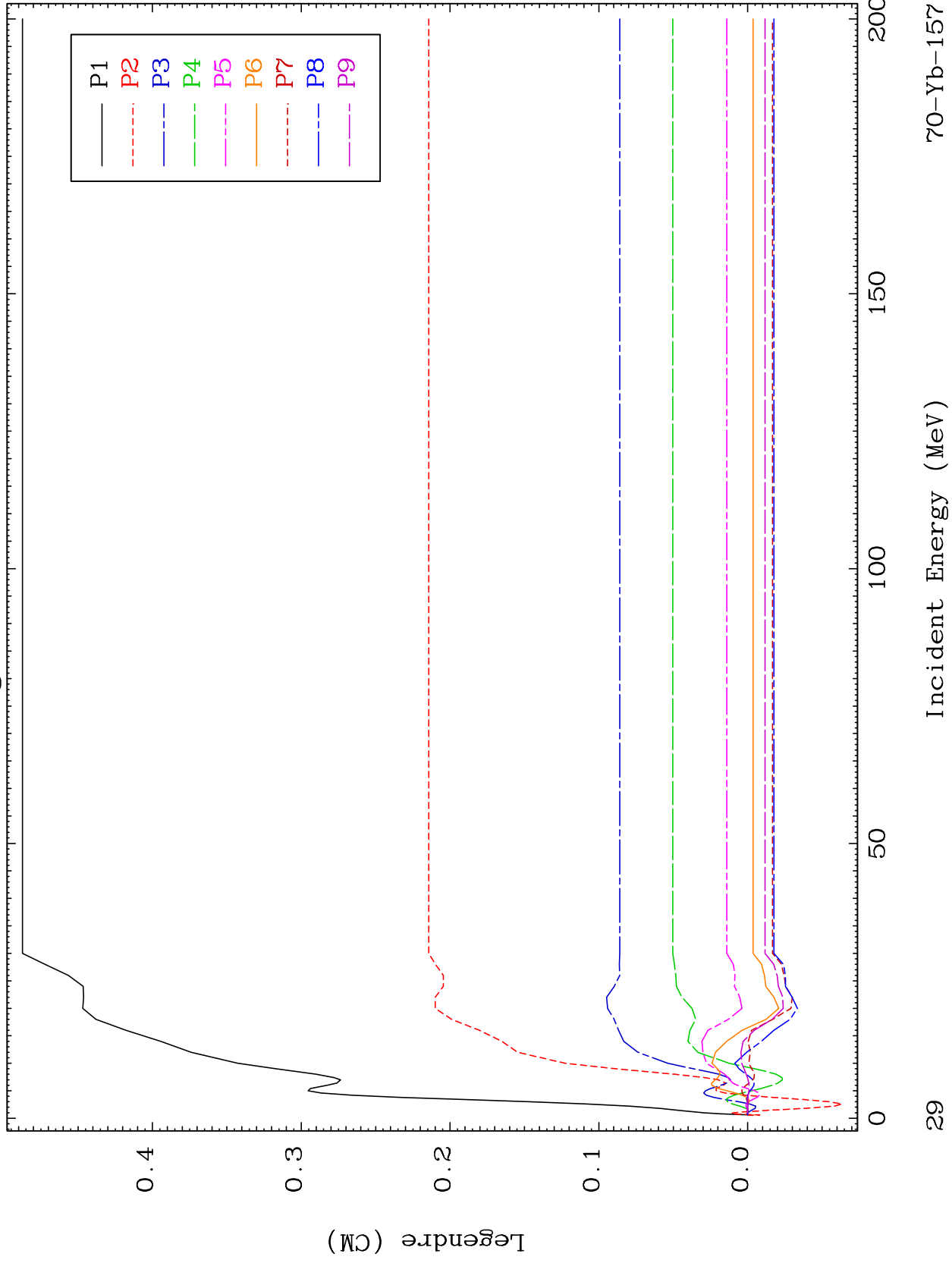
Incident Energy (MeV)

70-Yb-157

MAT 6992

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

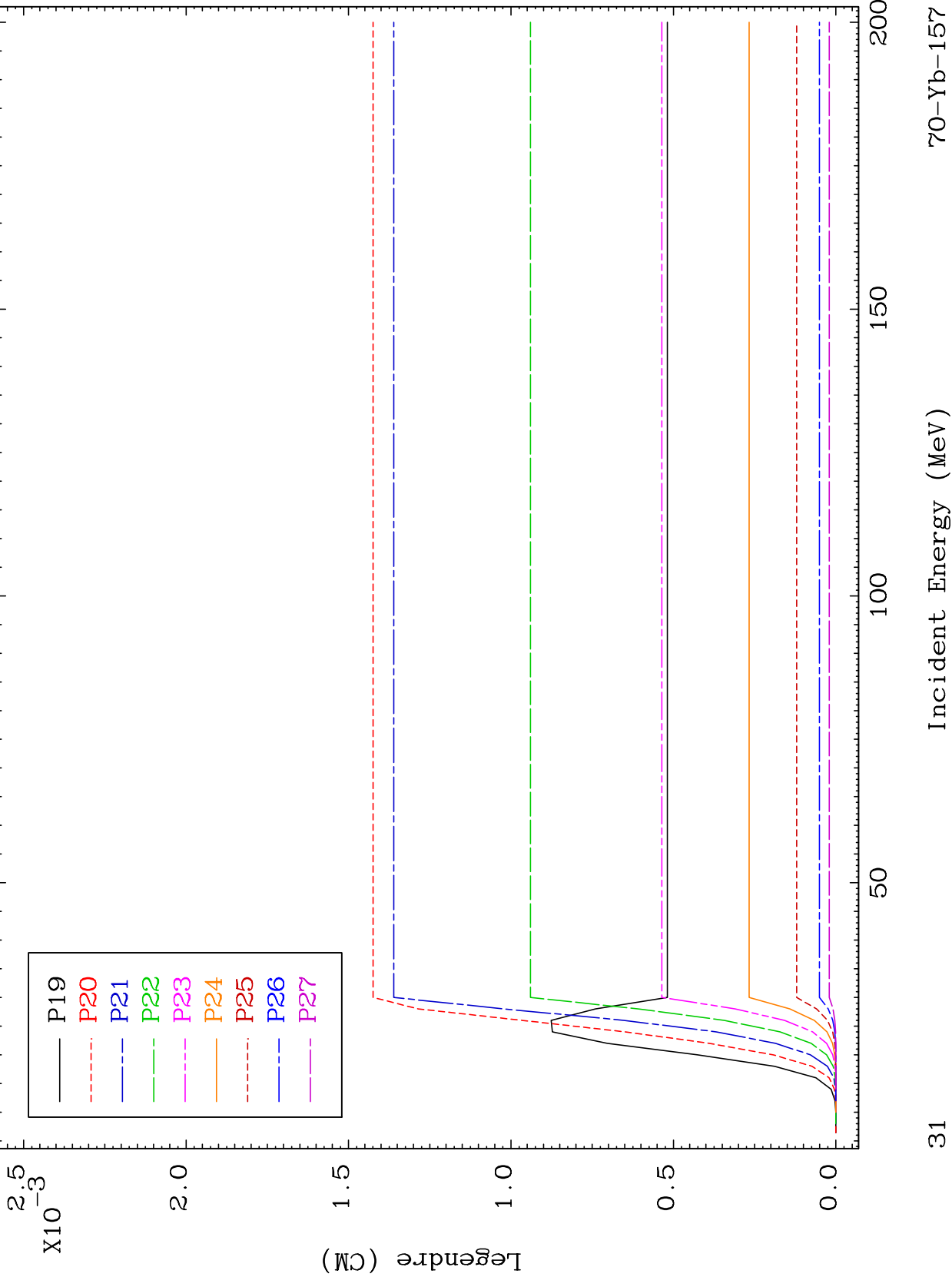
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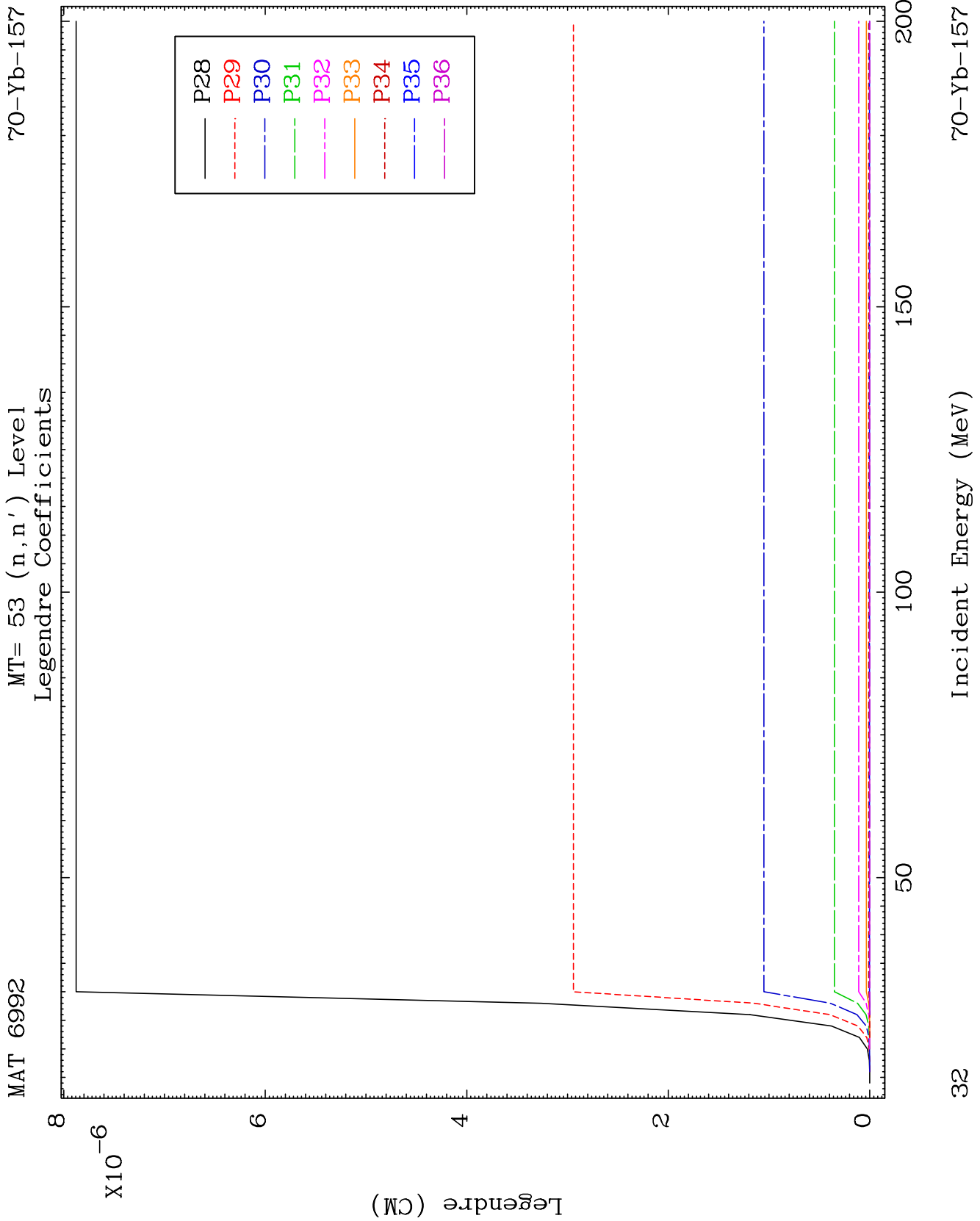


70-Yb-157

Incident Energy (MeV)

29

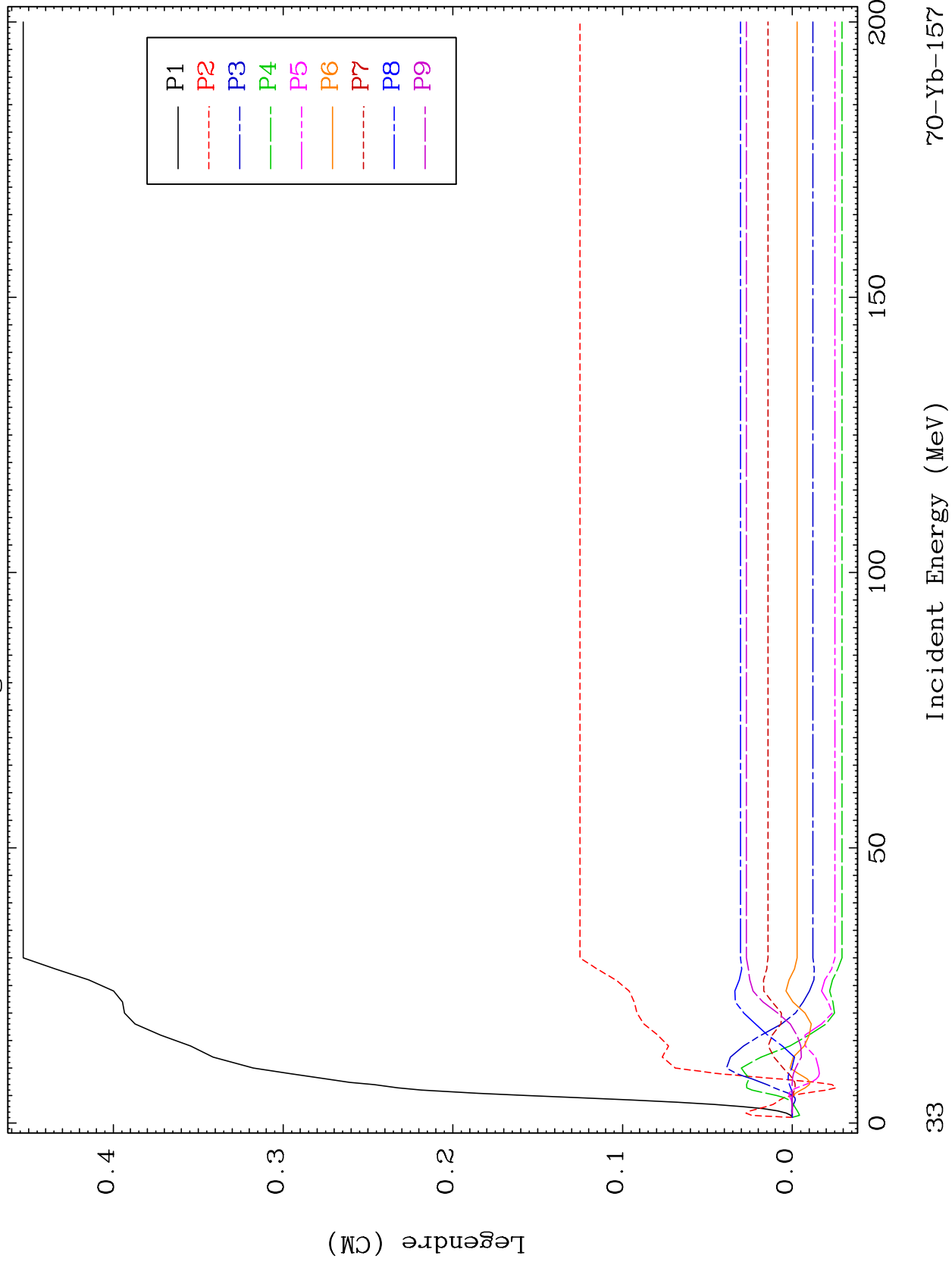




MAT 6992

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

70-Yb-157

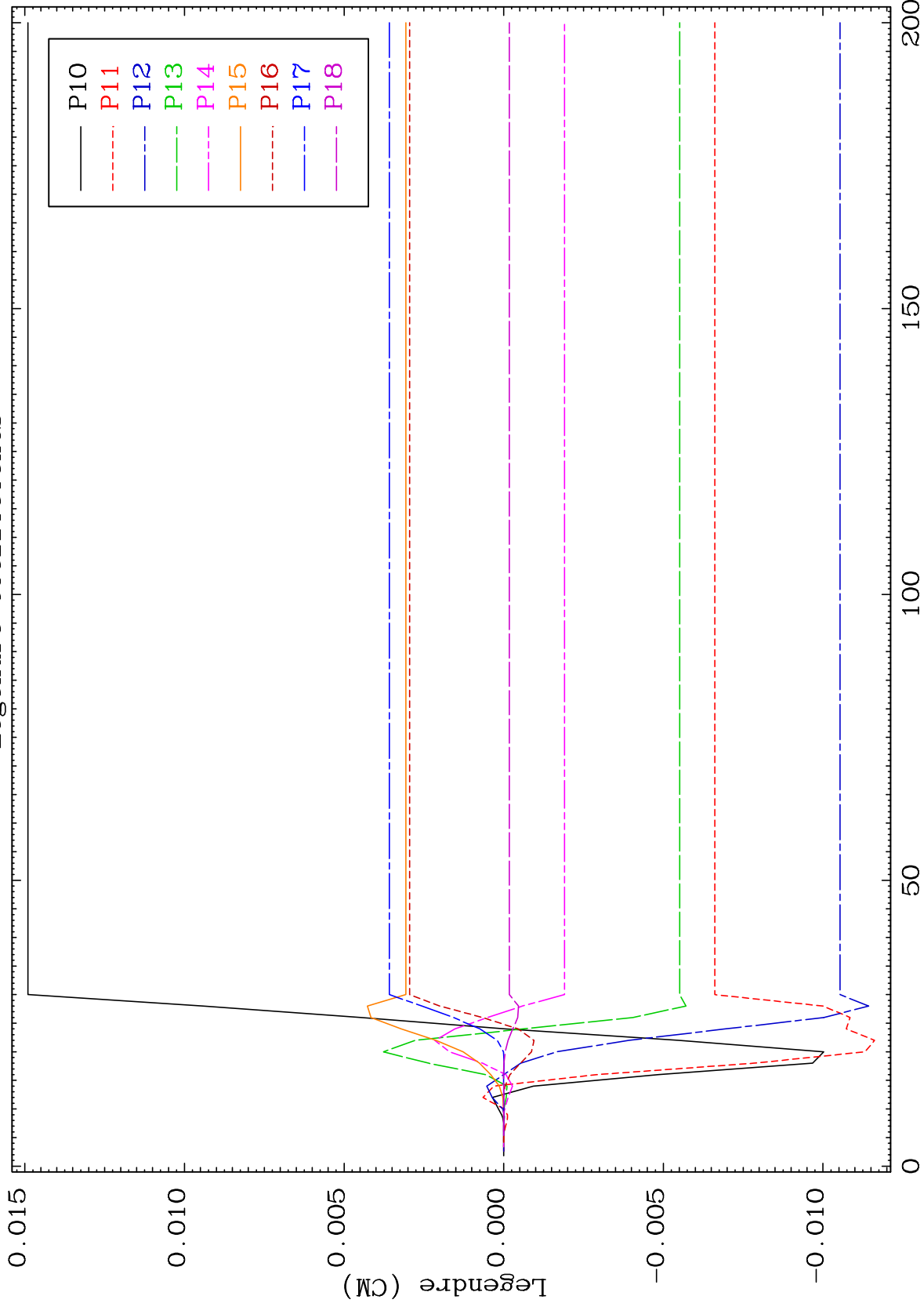


33

MAT 6992

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

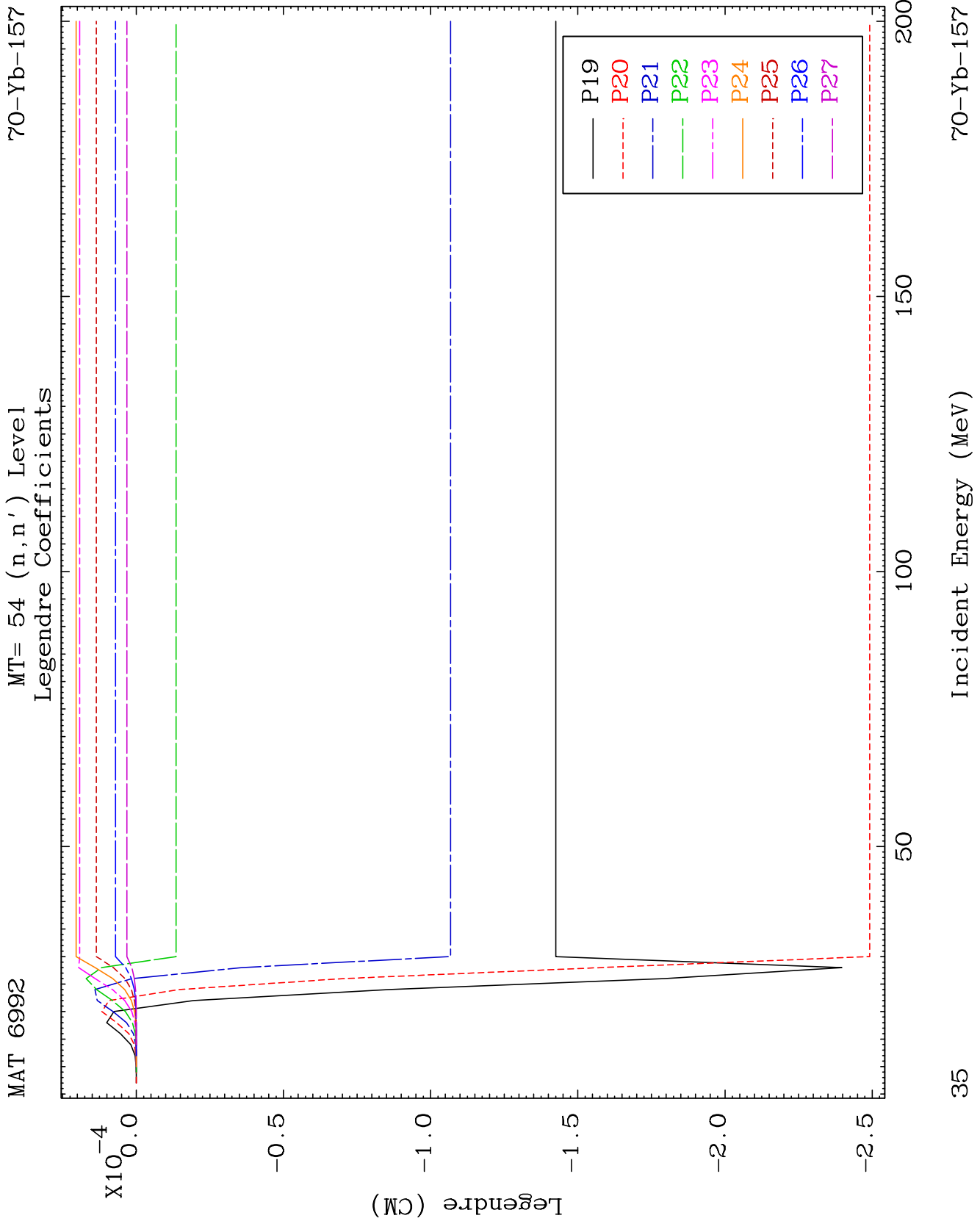
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34

Incident Energy (MeV)

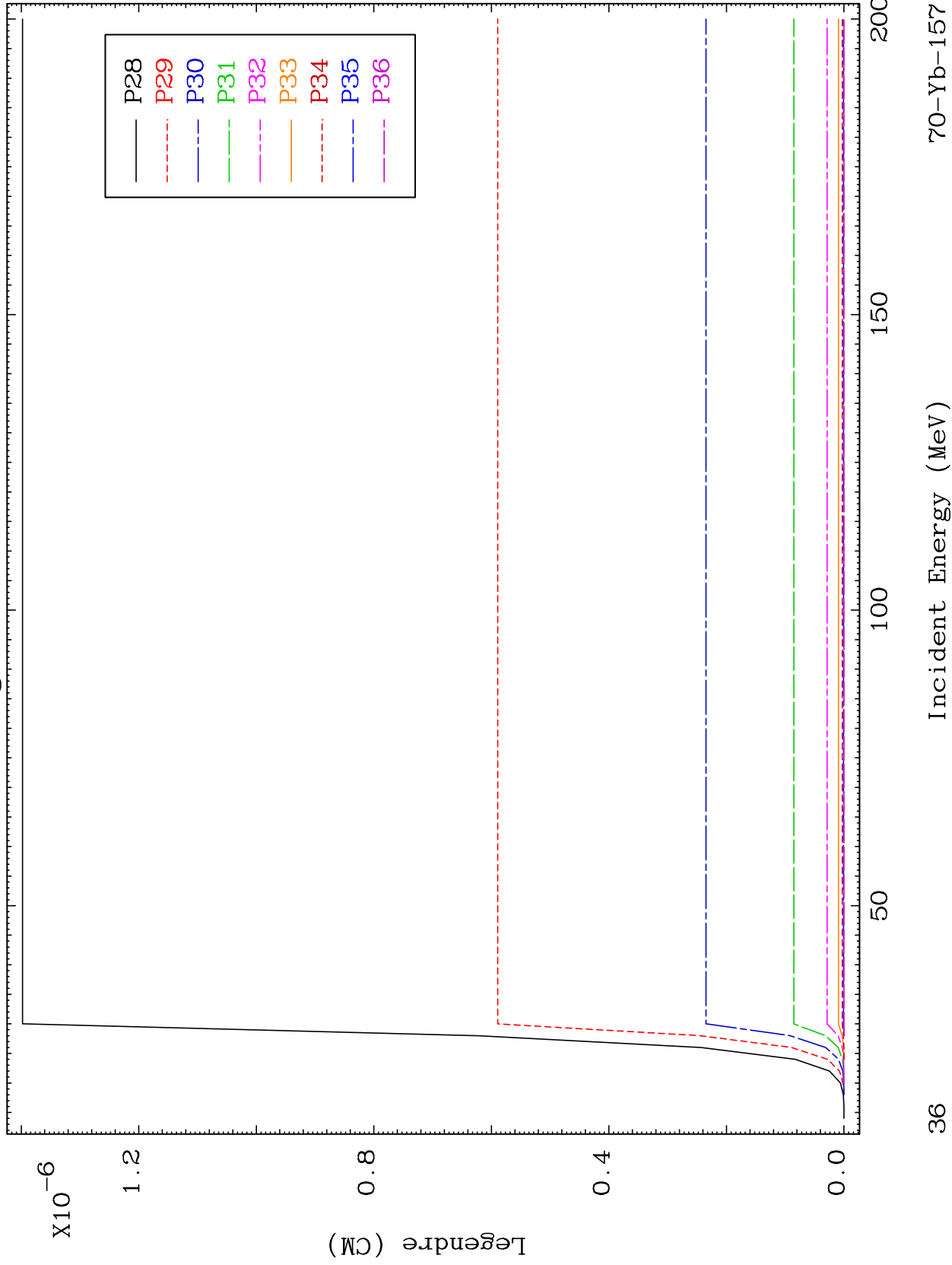
70-Yb-157



MAT 6992

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

70-Yb-157

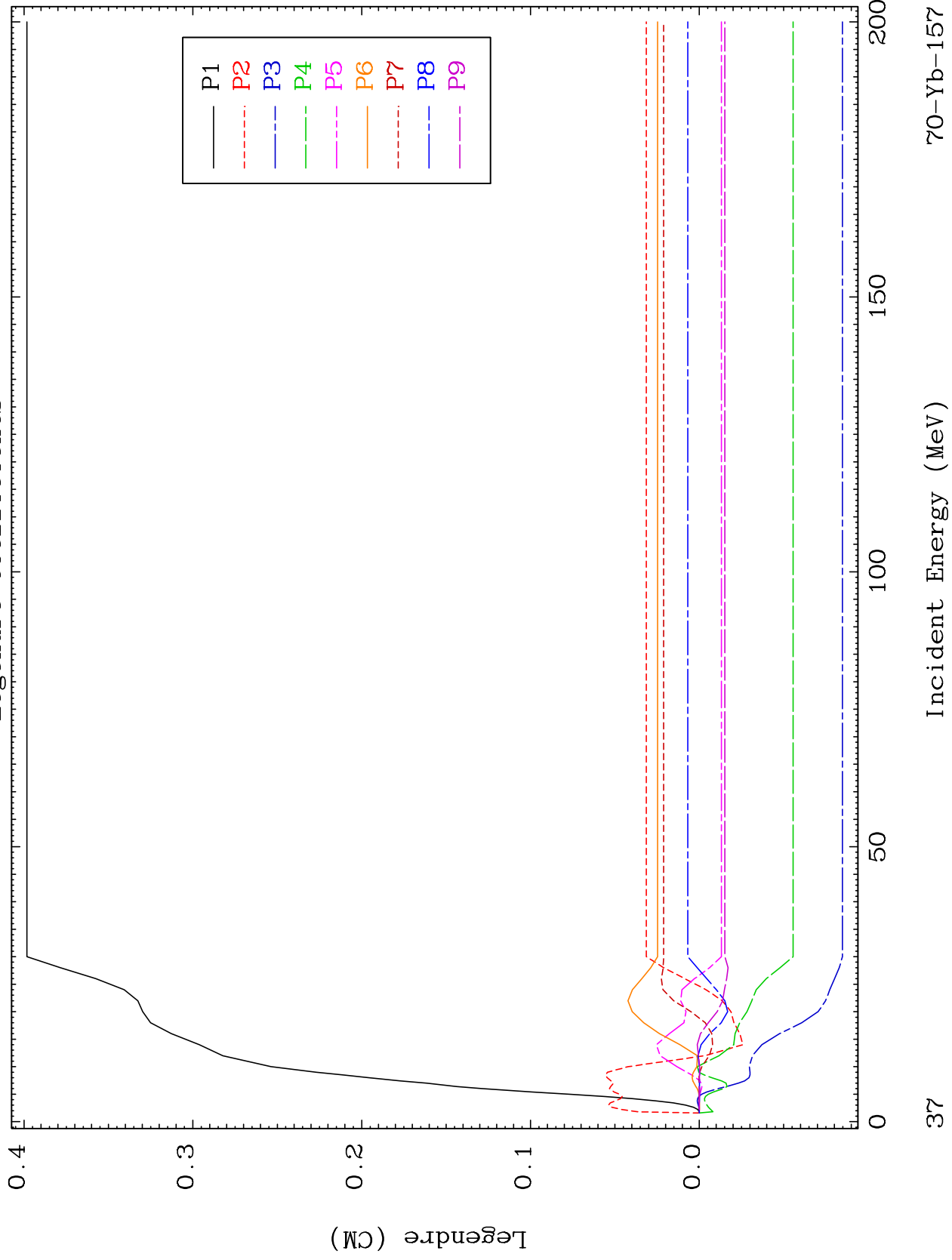


36

MAT 6992

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

70-Yb-157



70-Yb-157

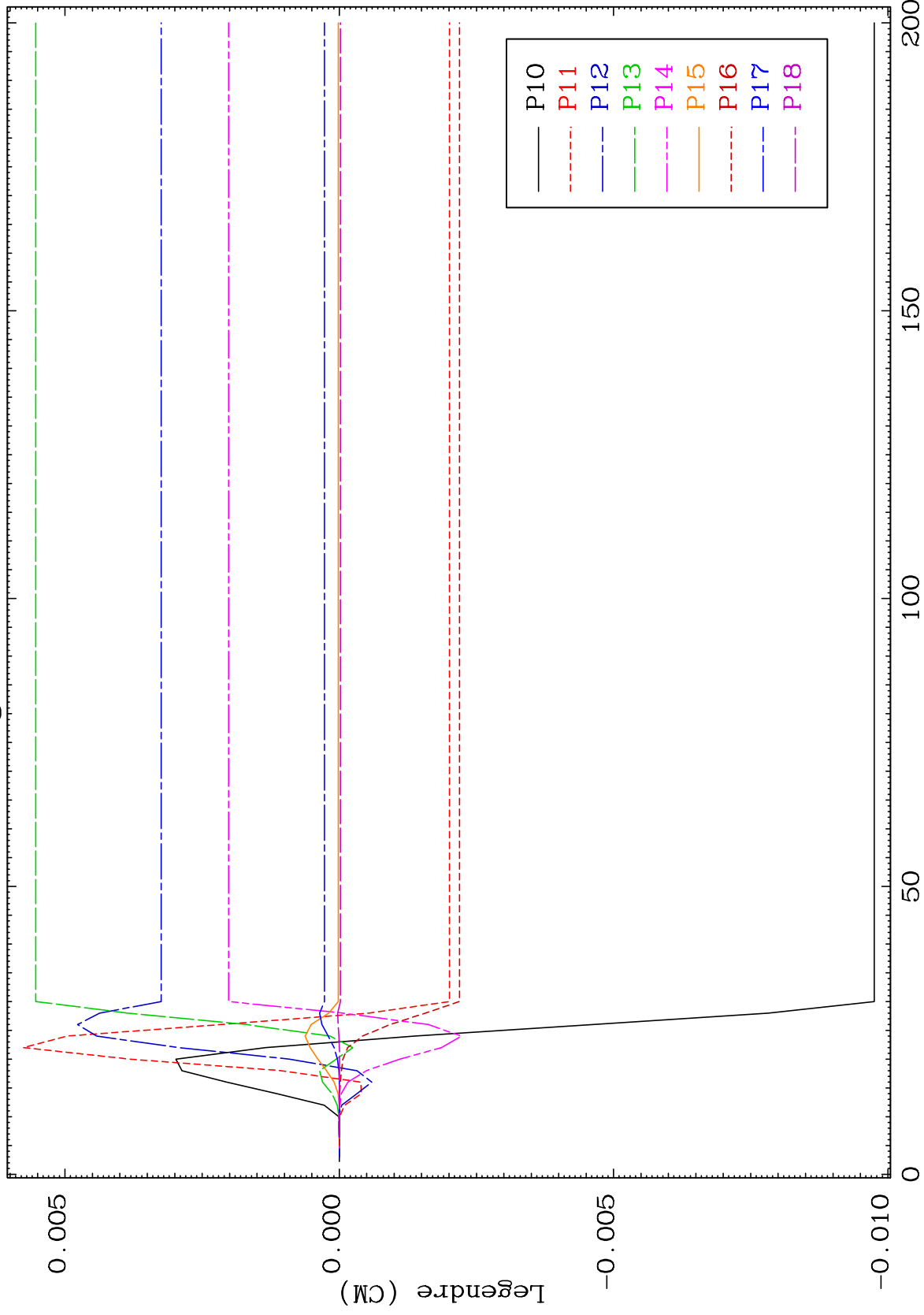
Incident Energy (MeV)

37

MAT 6992

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

70-Yb-157



38

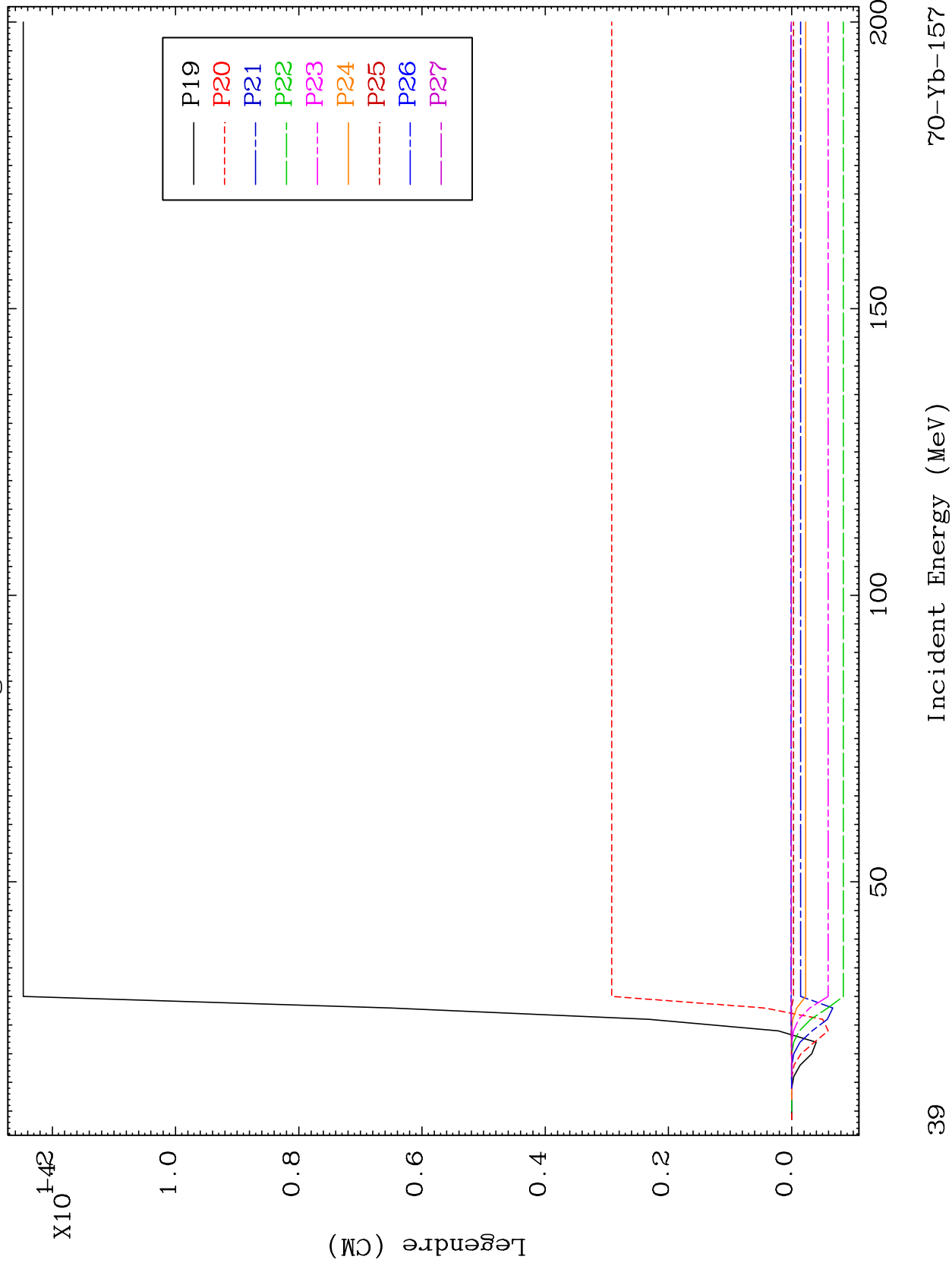
Incident Energy (MeV)

70-Yb-157

MAT 6992

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

70-Yb-157

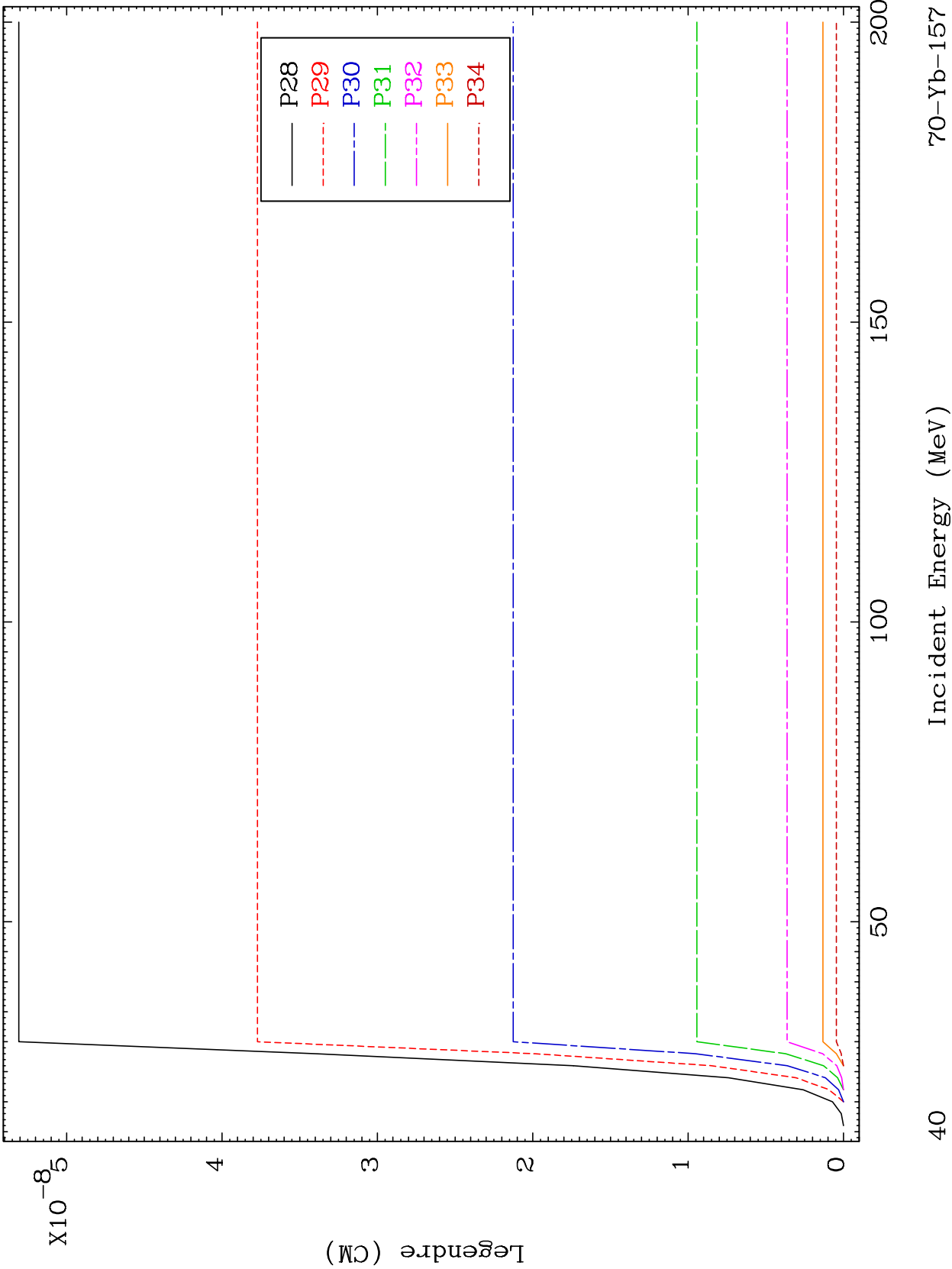


39

MAT 6992

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

70-Yb-157

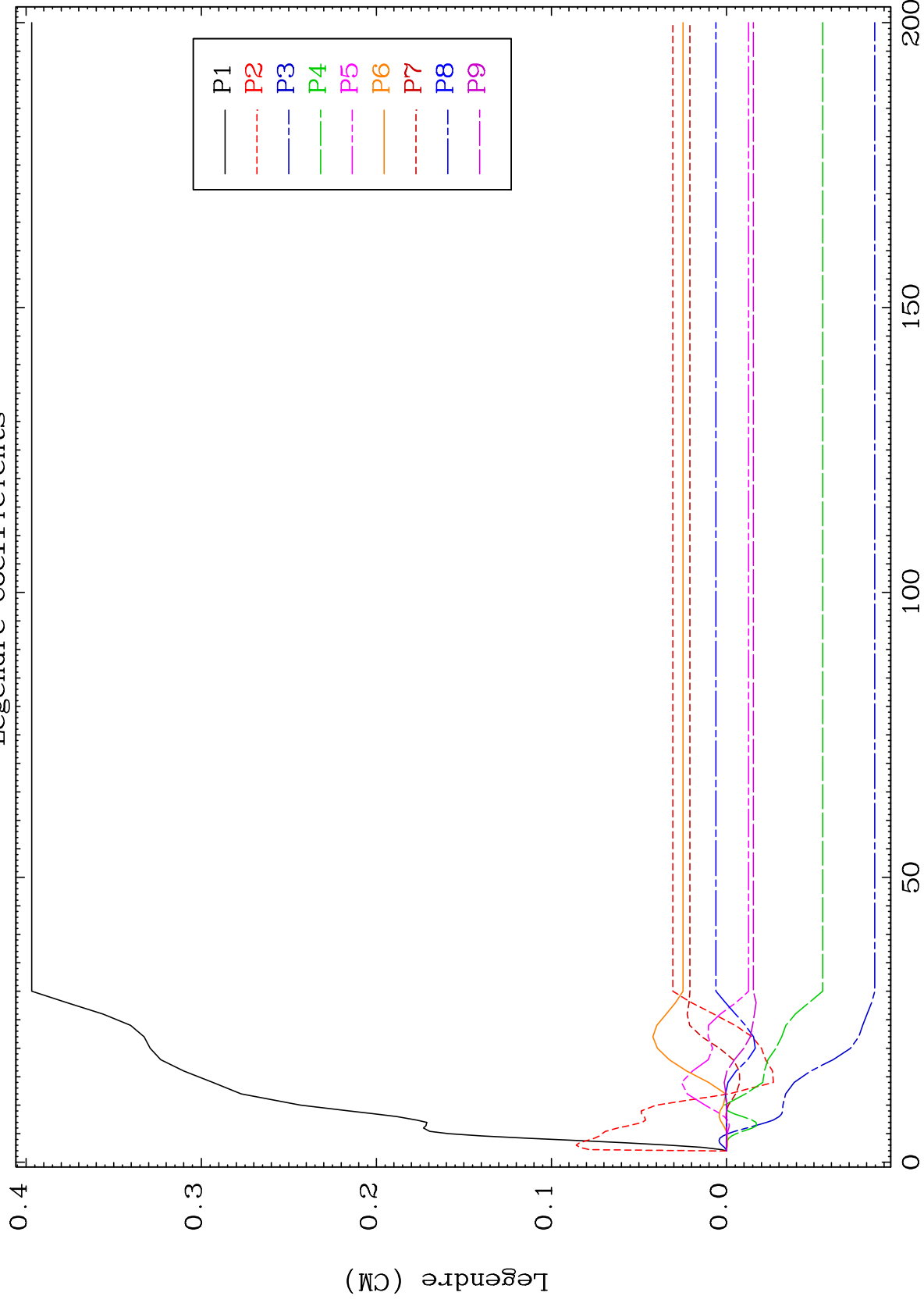


70-Yb-157

MAT 6992

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

70-Yb-157



41

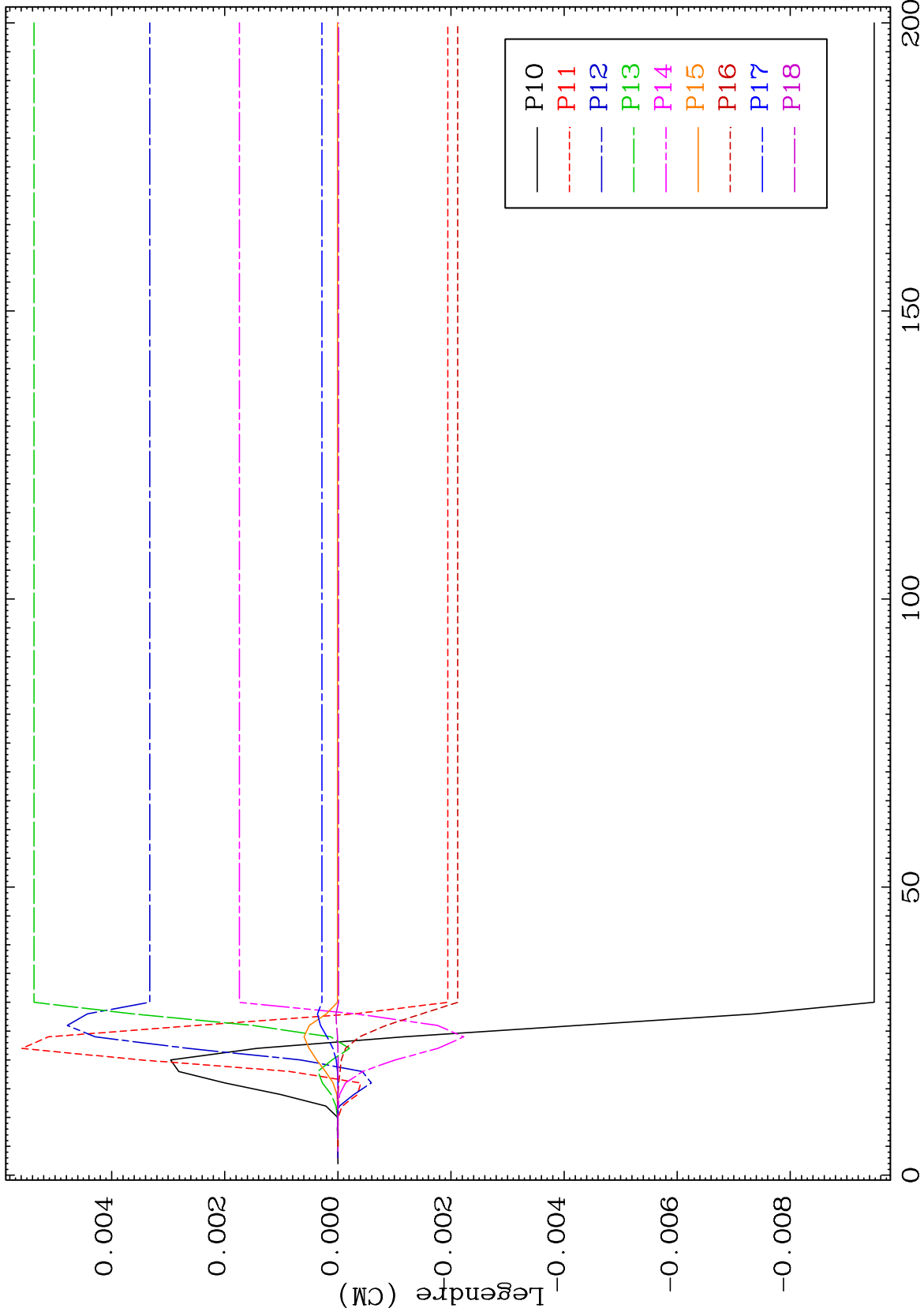
Incident Energy (MeV)

70-Yb-157

MAT 6992

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

70-Yb-157



42

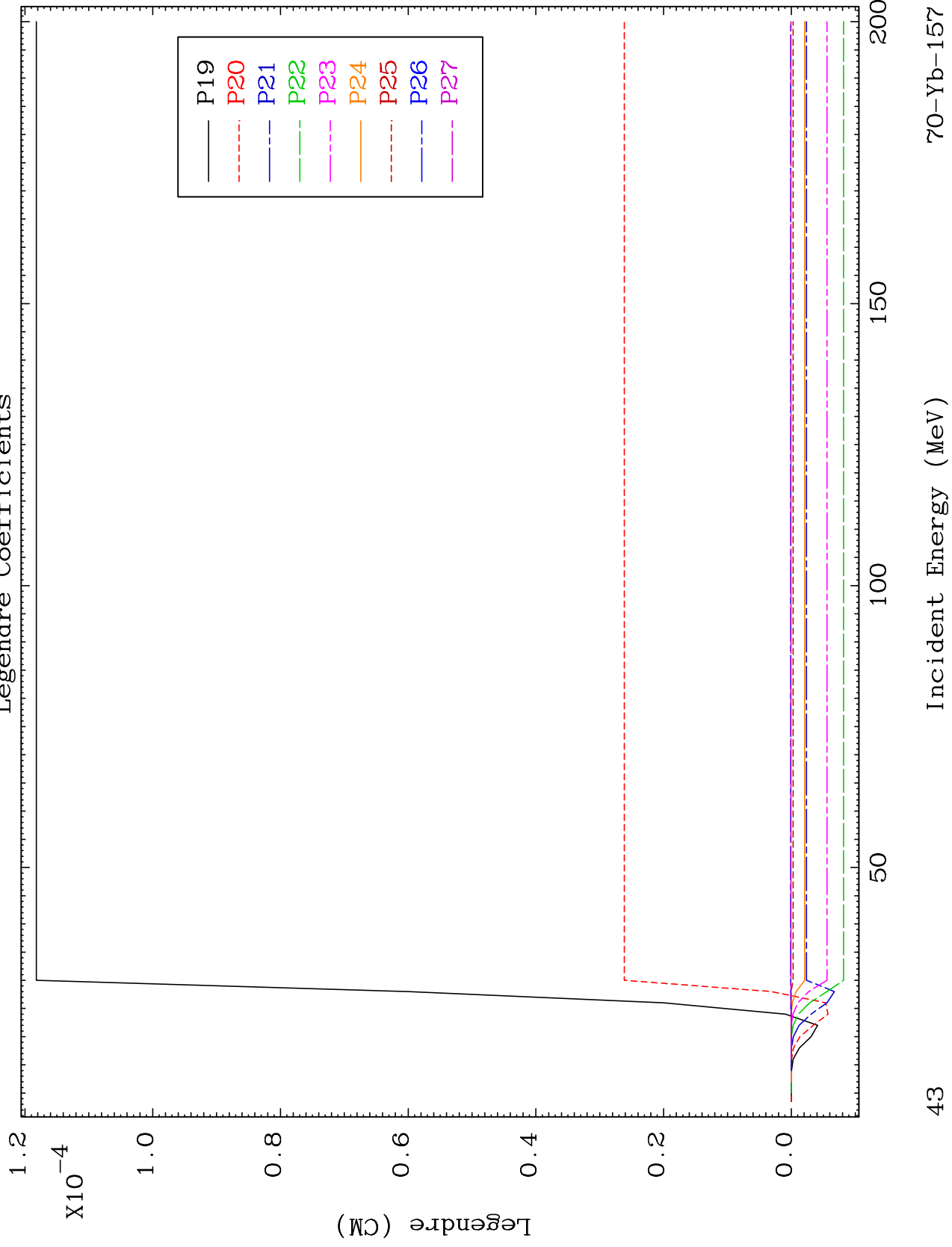
Incident Energy (MeV)

70-Yb-157

MAT 6992

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

70-Yb-157



43

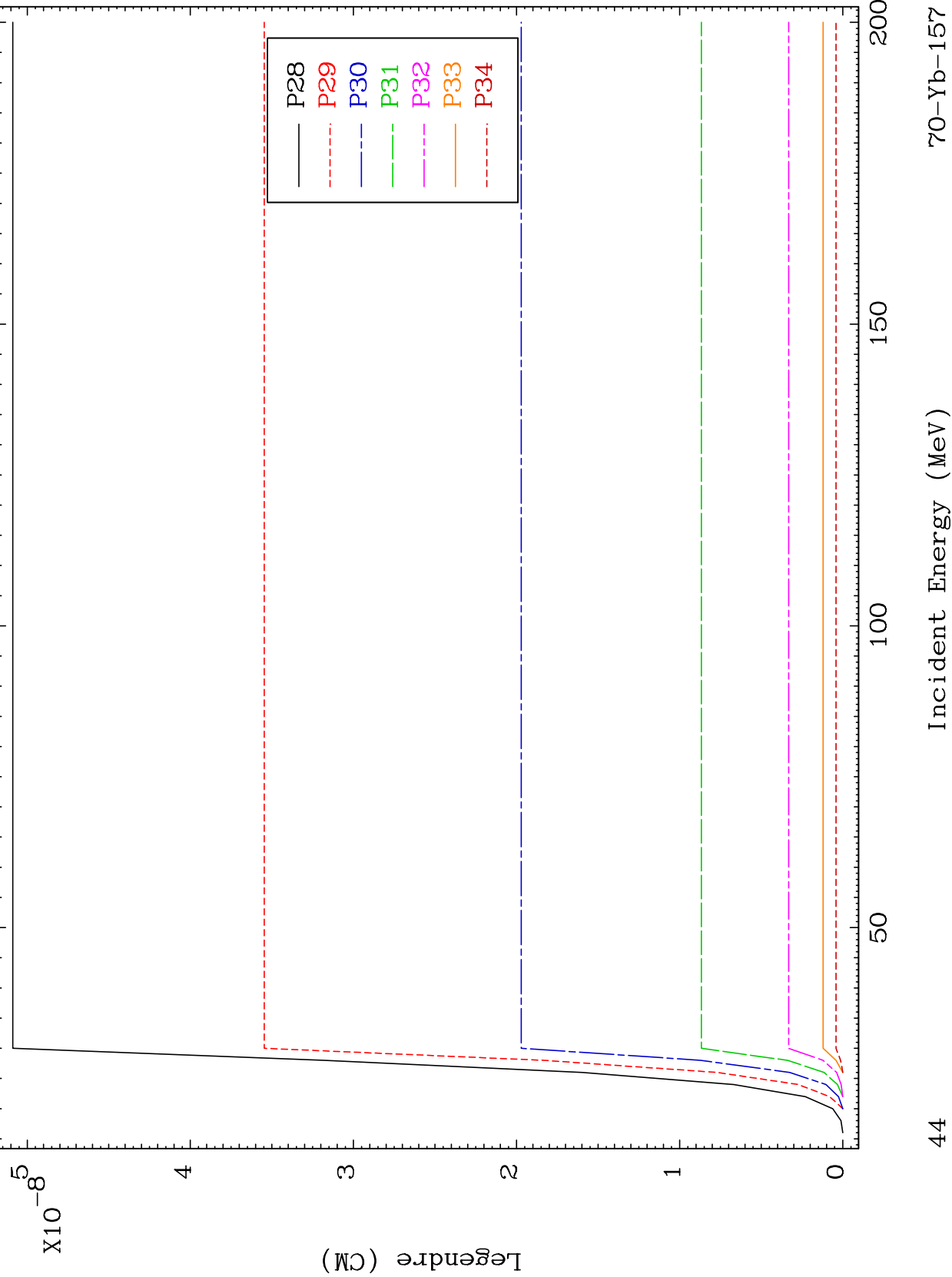
Incident Energy (MeV)

70-Yb-157

MAT 6992

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

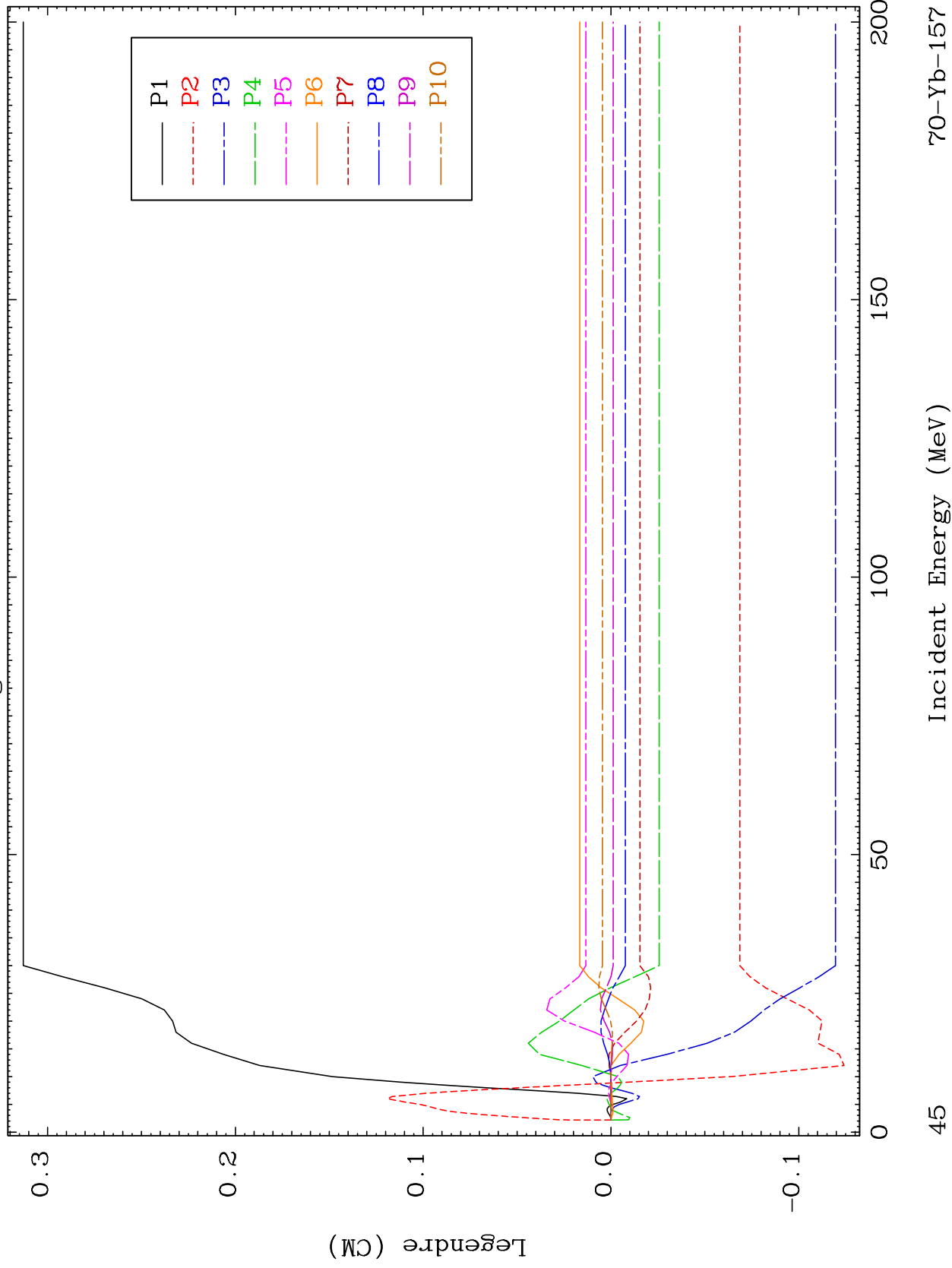
70-Yb-157



MAT 6992

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

70-Yb-157



70-Yb-157

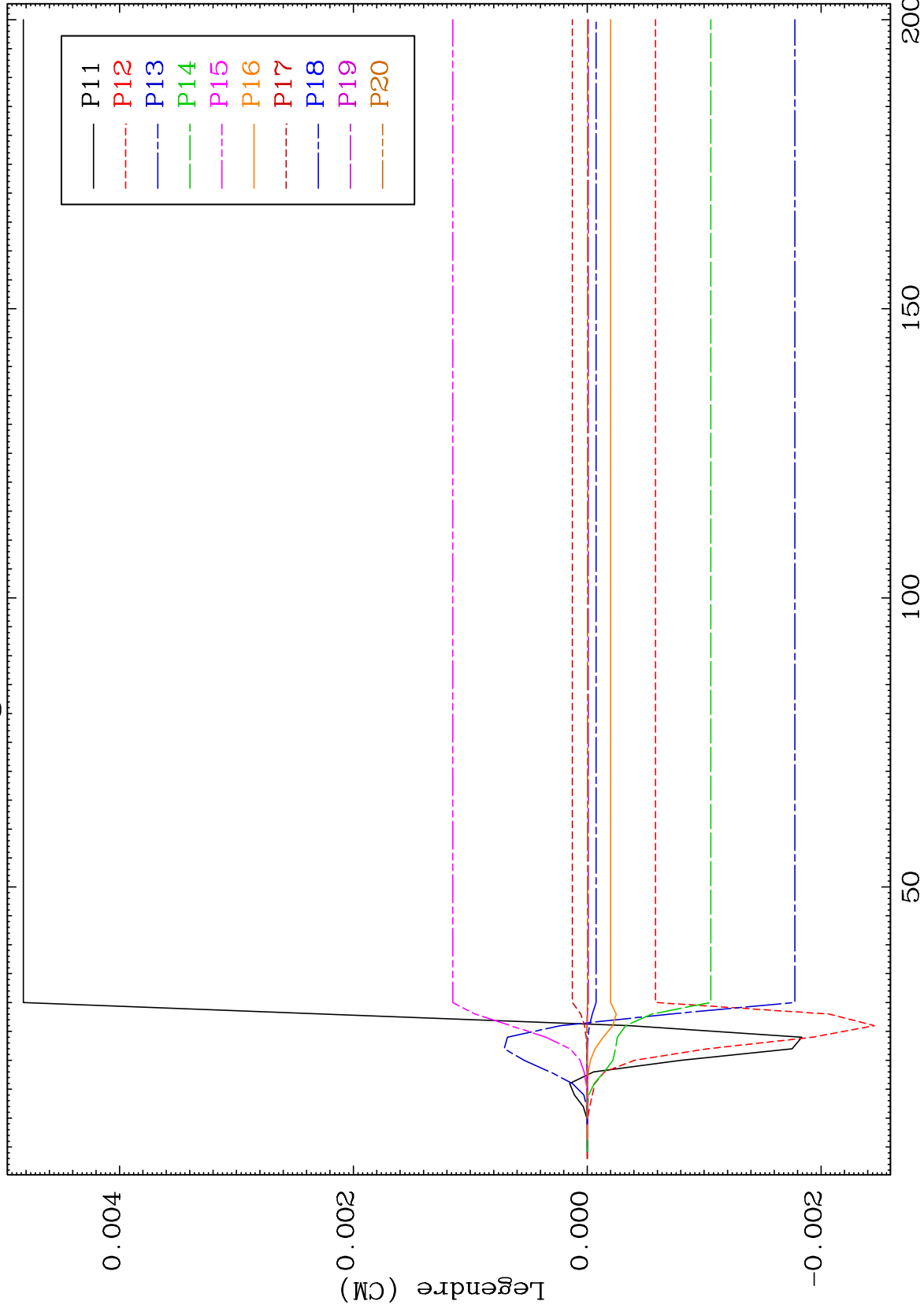
Incident Energy (MeV)

45

MAT 6992

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

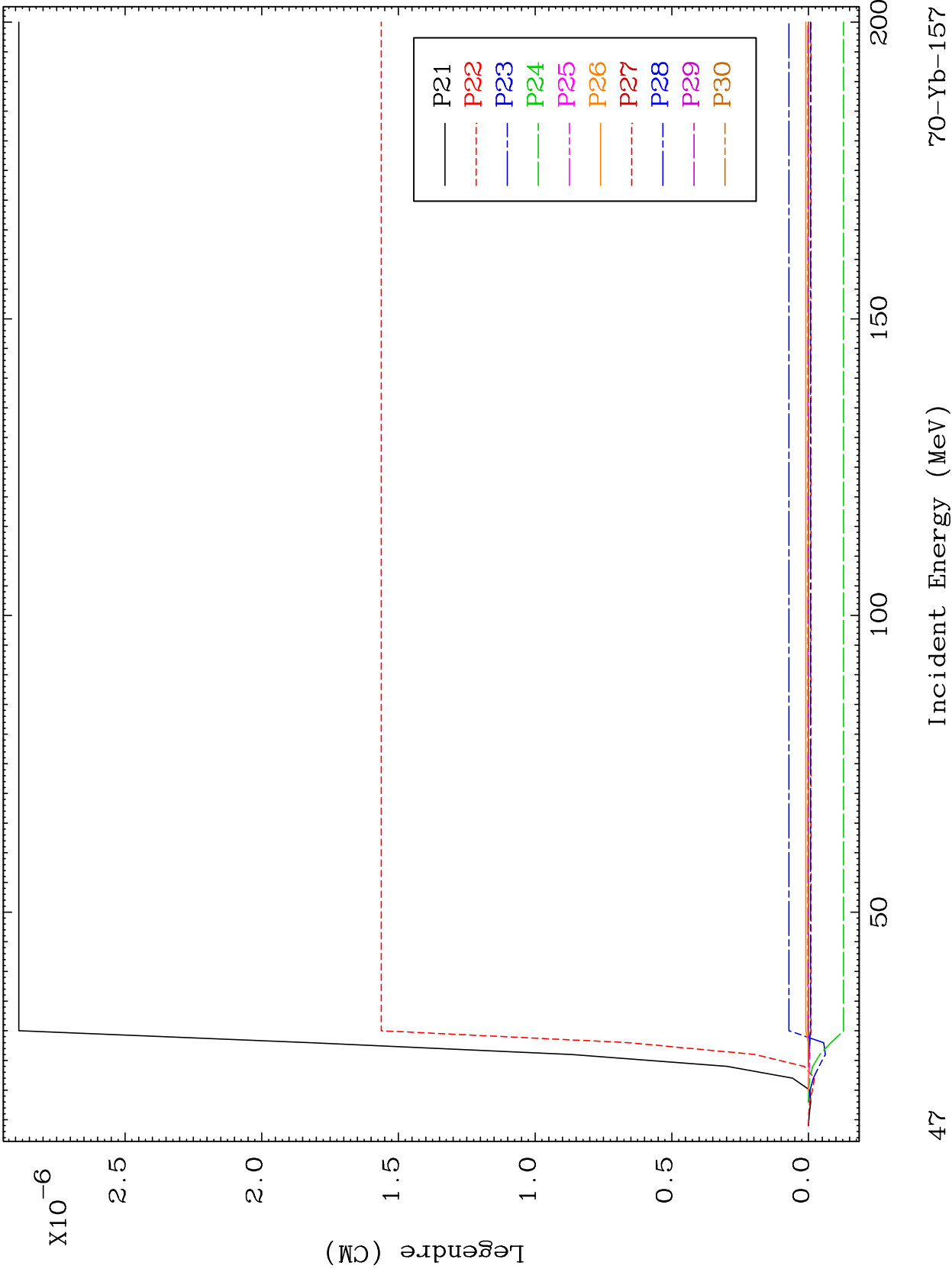
70-Yb-157



46

Incident Energy (MeV)

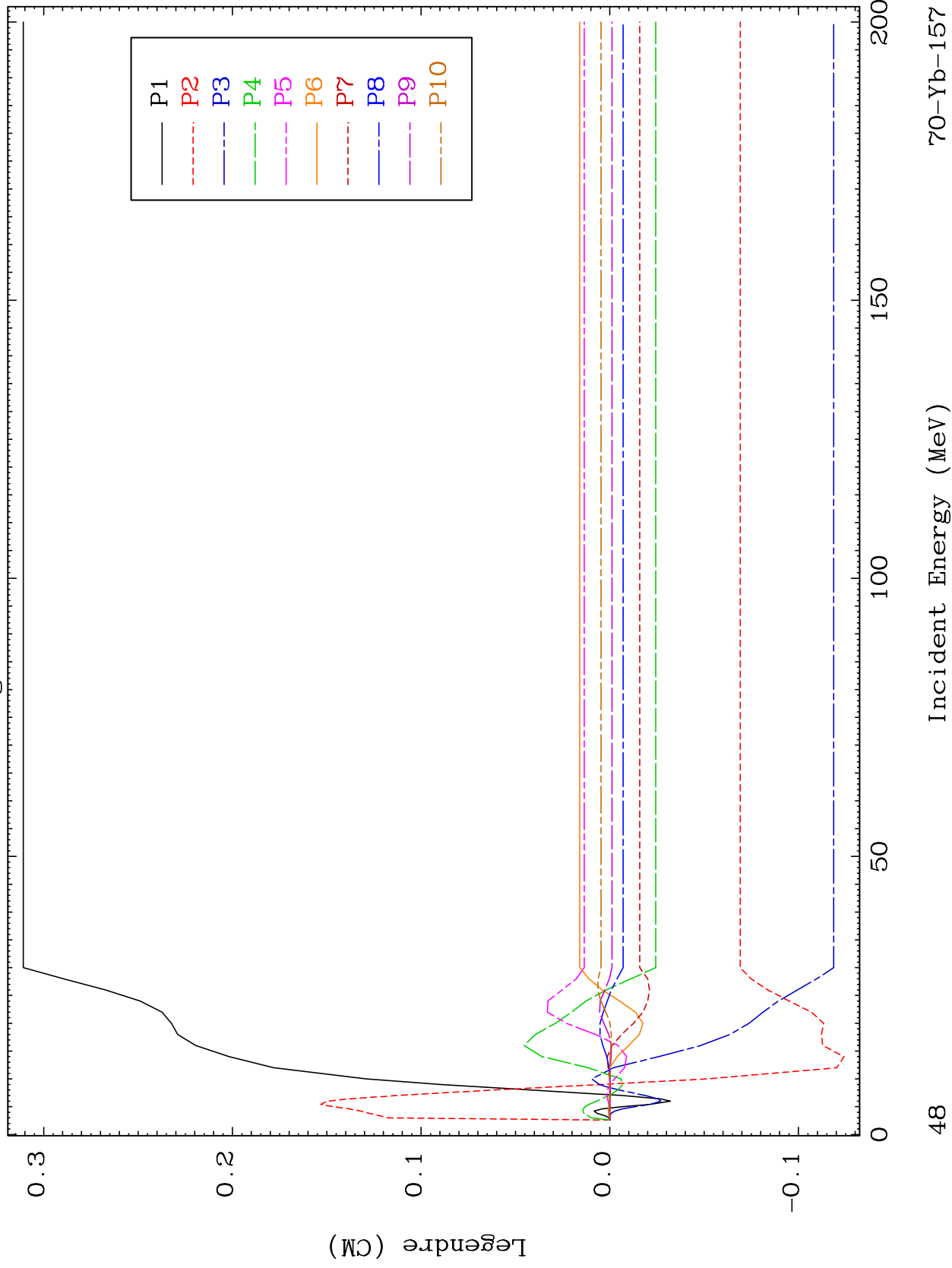
70-Yb-157



MAT 6992

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

70-Yb-157



48

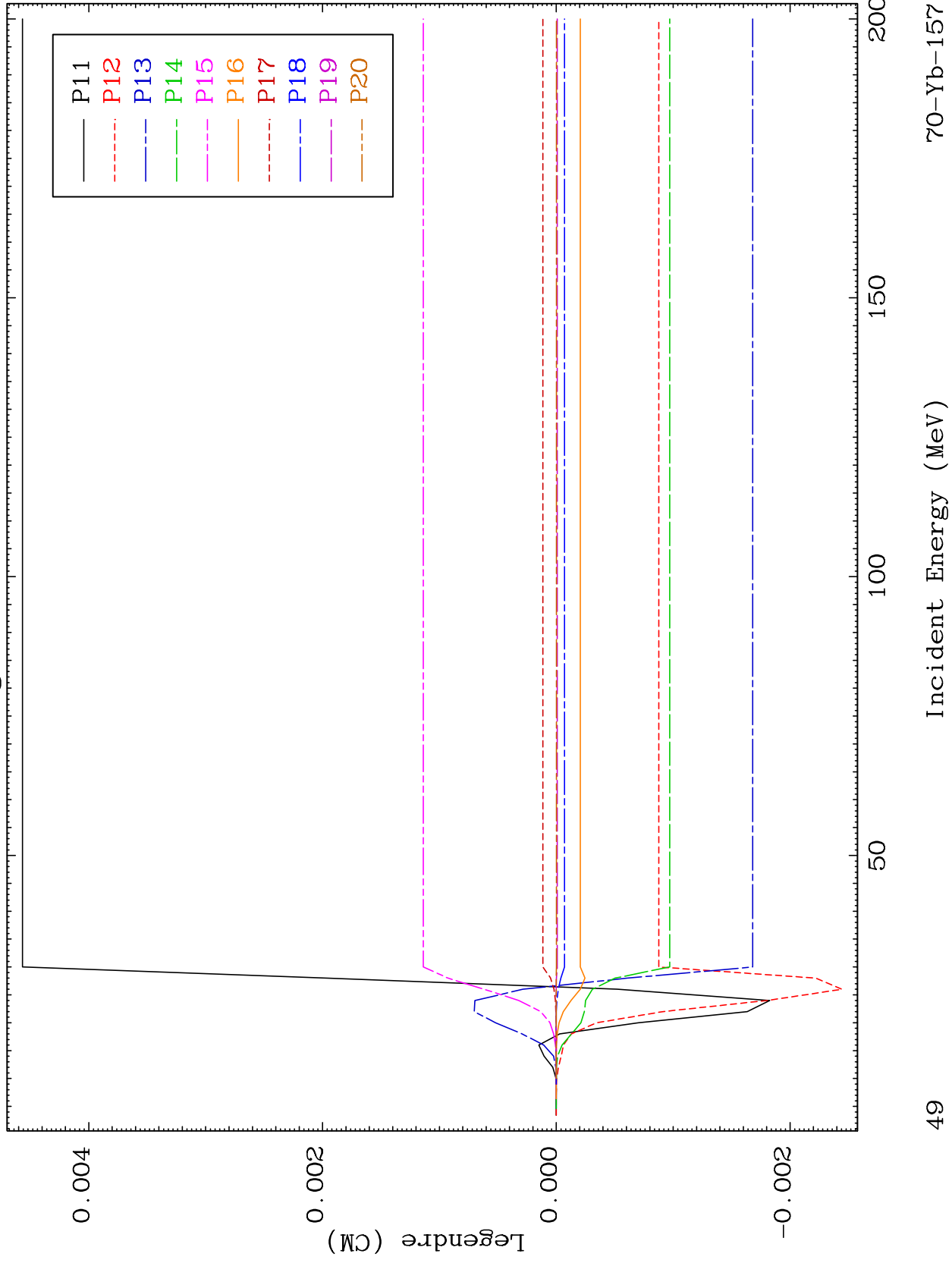
Incident Energy (MeV)

70-Yb-157

MAT 6992

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

70-Yb-157



49

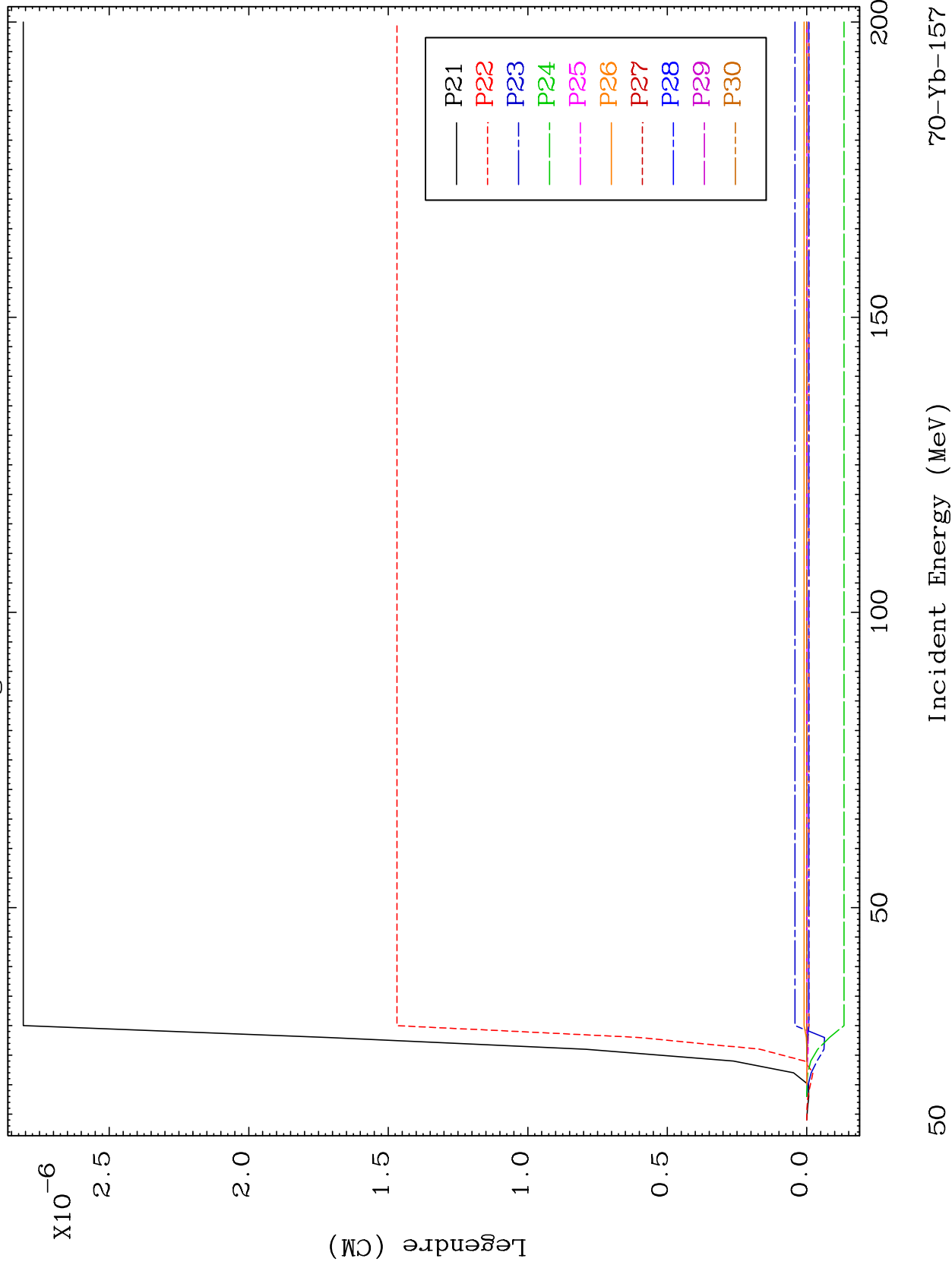
Incident Energy (MeV)

70-Yb-157

MAT 6992

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

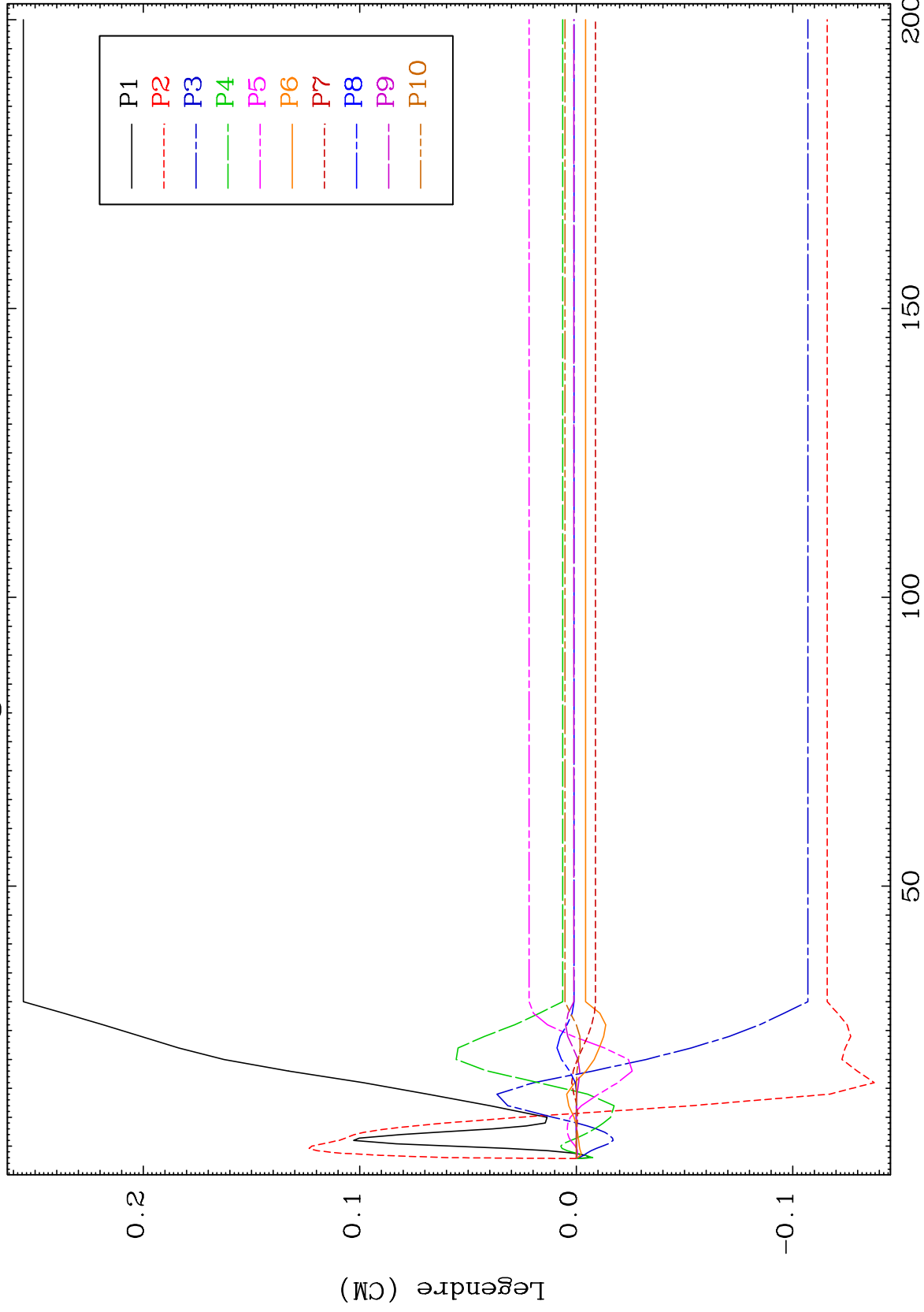
70-Yb-157



MAT 6992

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

70-Yb-157



51

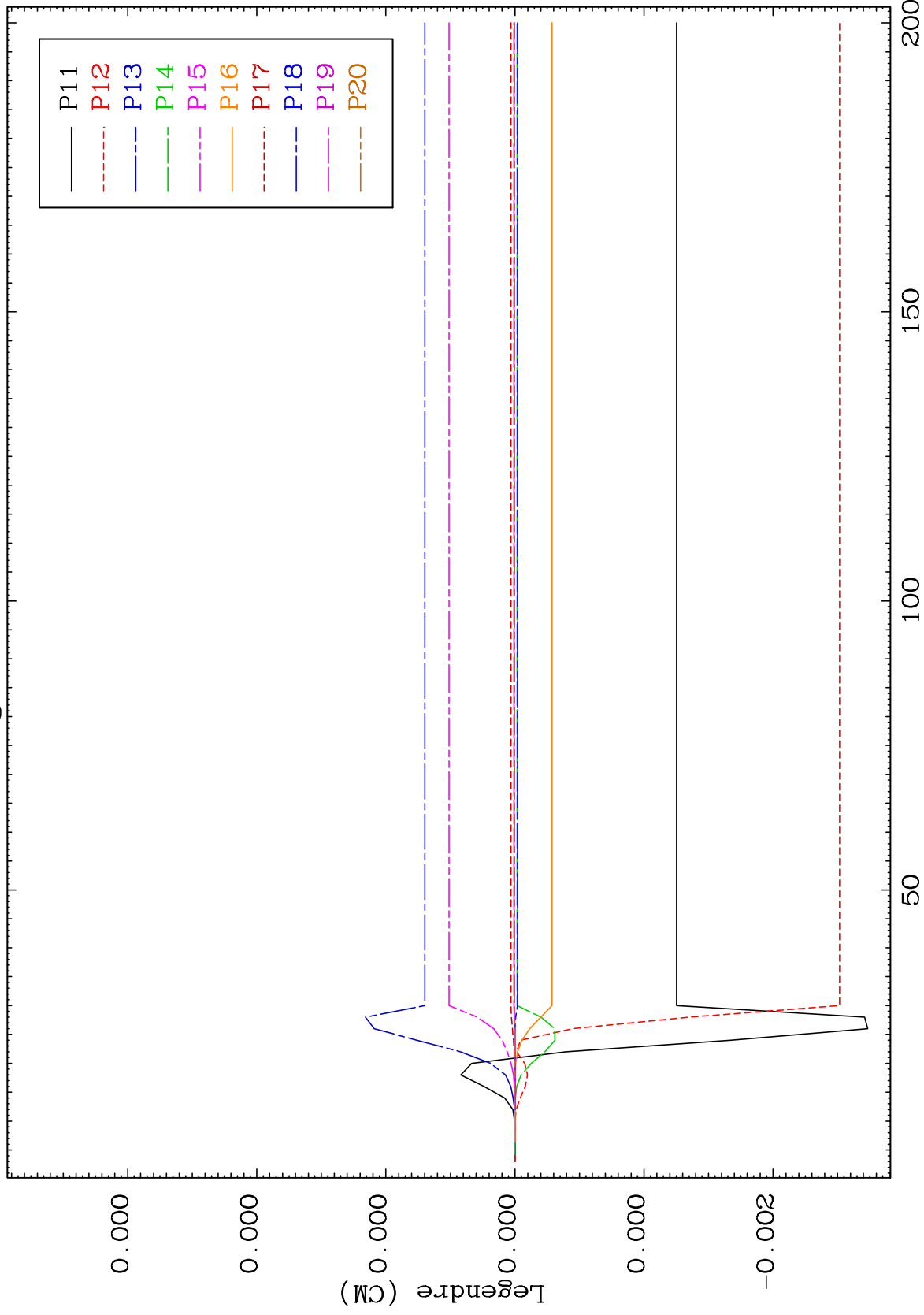
Incident Energy (MeV)

70-Yb-157

MAT 6992

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

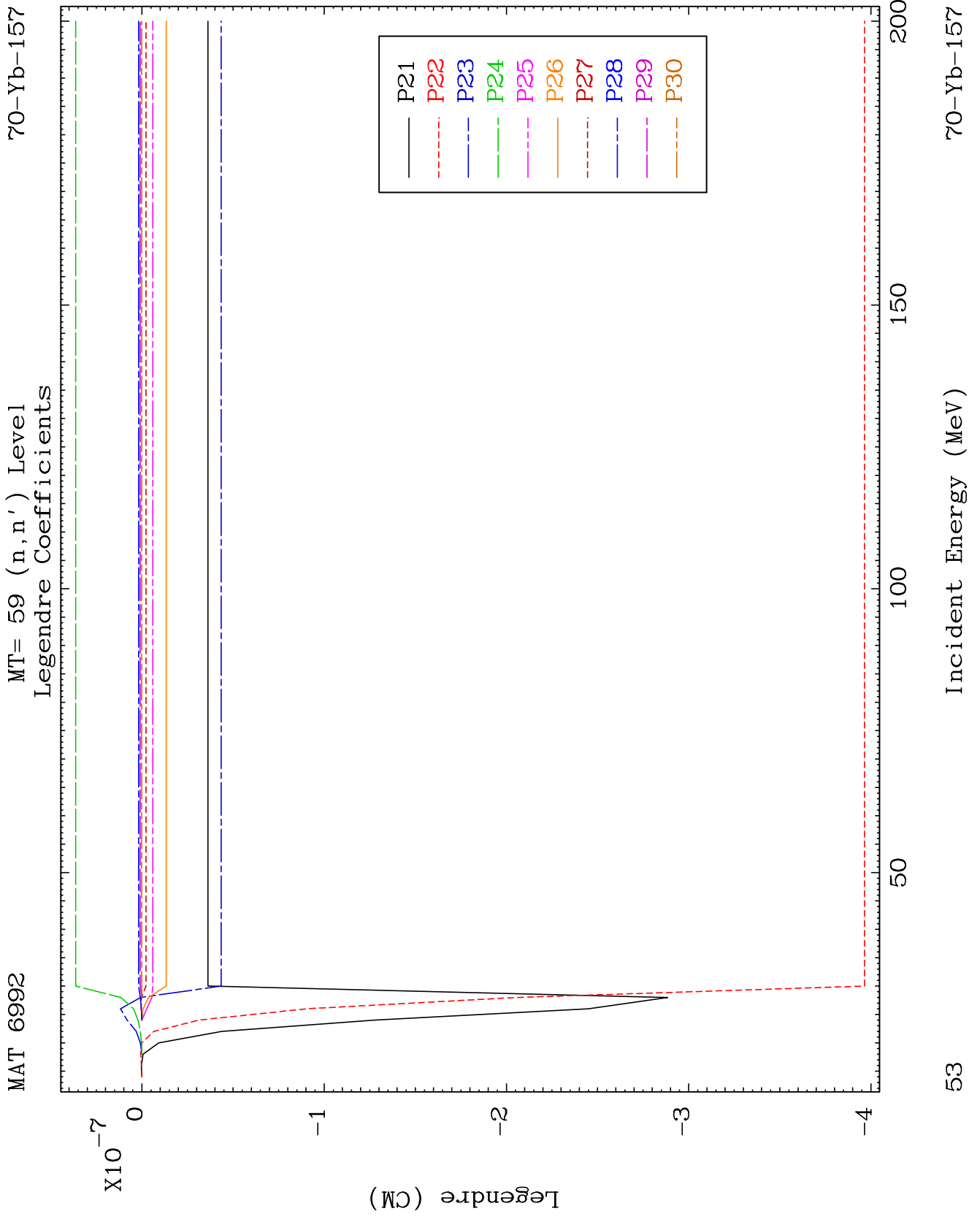
70-Yb-157



52

Incident Energy (MeV)

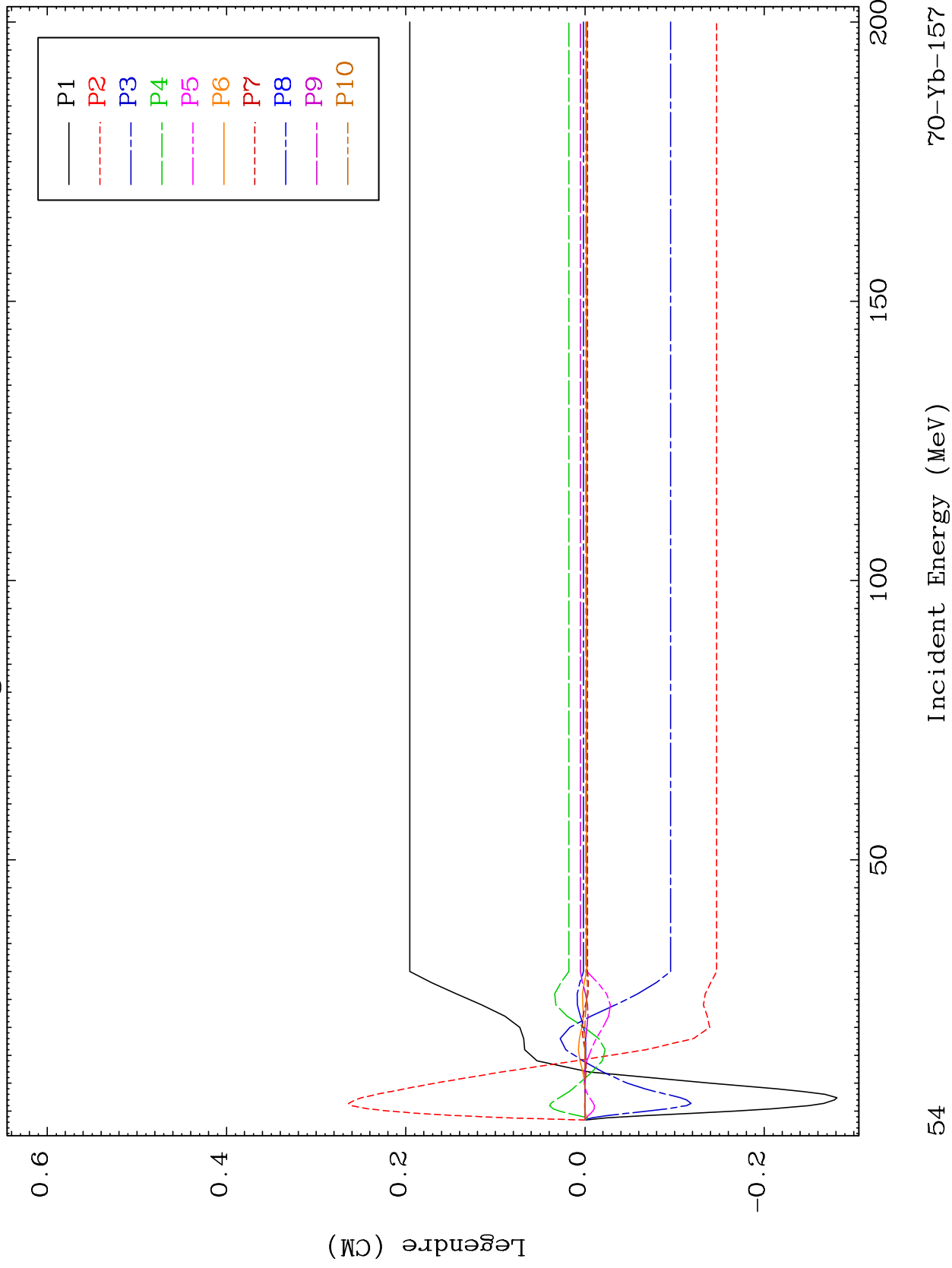
70-Yb-157



MAT 6992

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

70-Yb-157



54

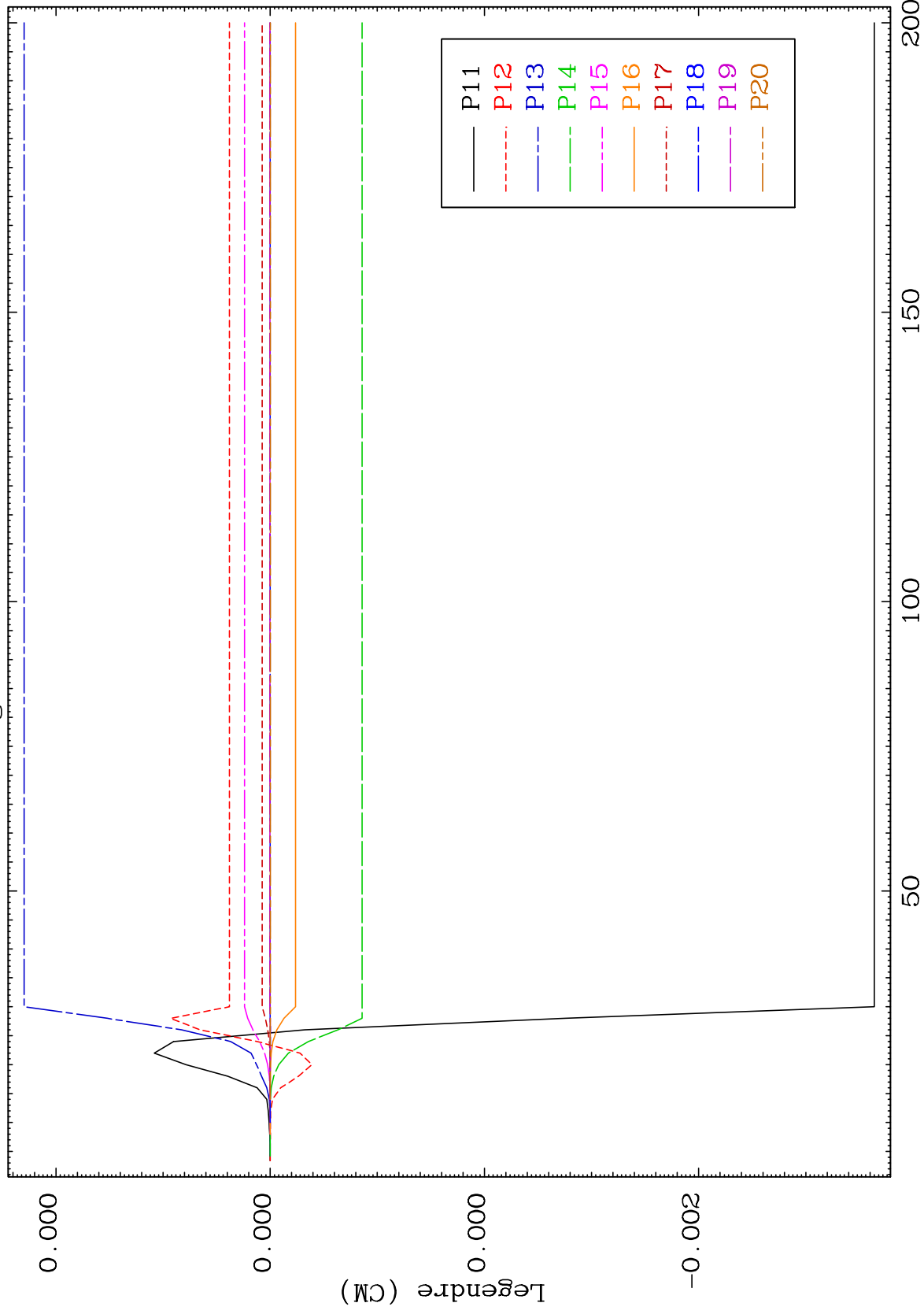
Incident Energy (MeV)

70-Yb-157

MAT 6992

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

70-Yb-157



55

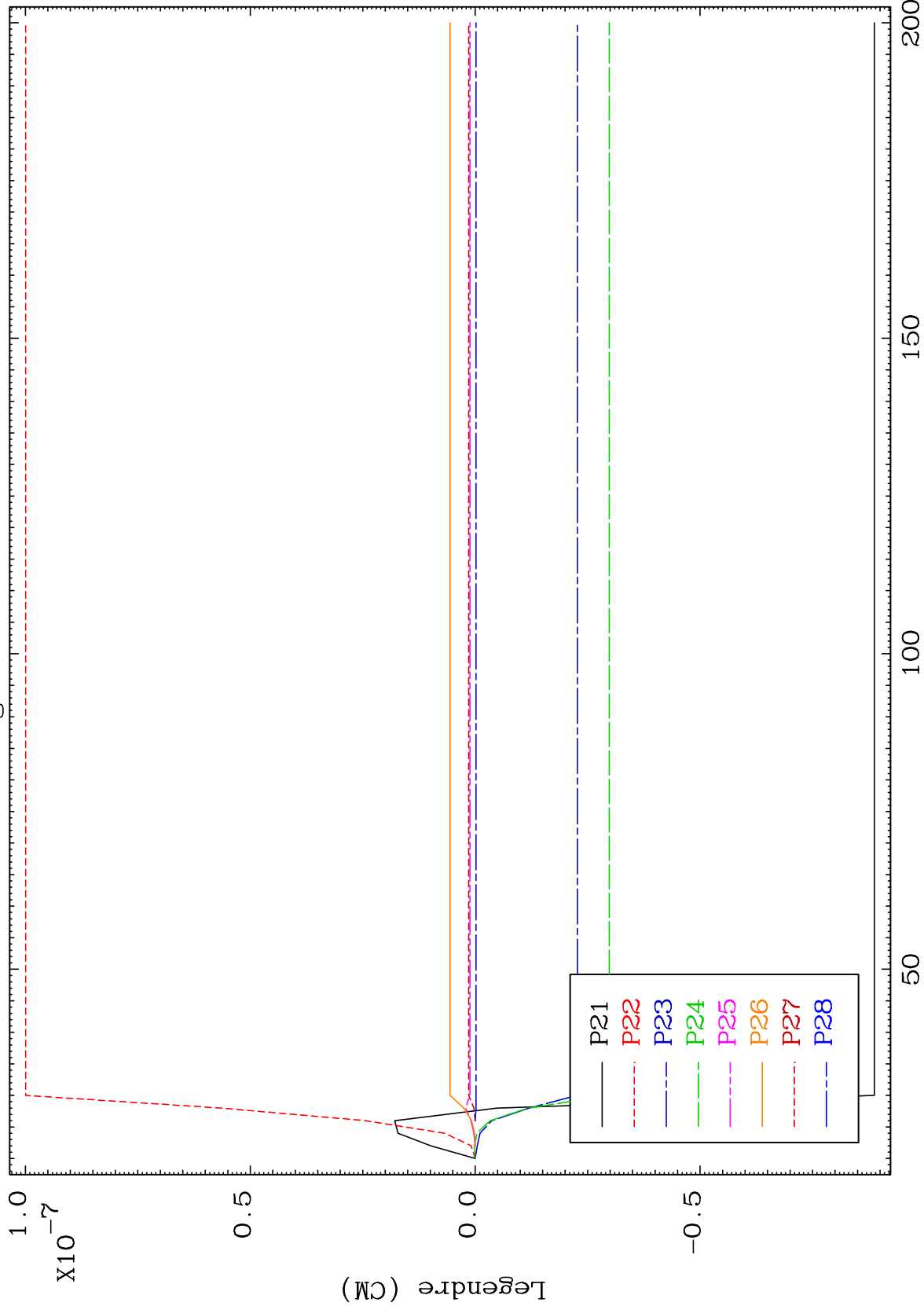
Incident Energy (MeV)

70-Yb-157

MAT 6992

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

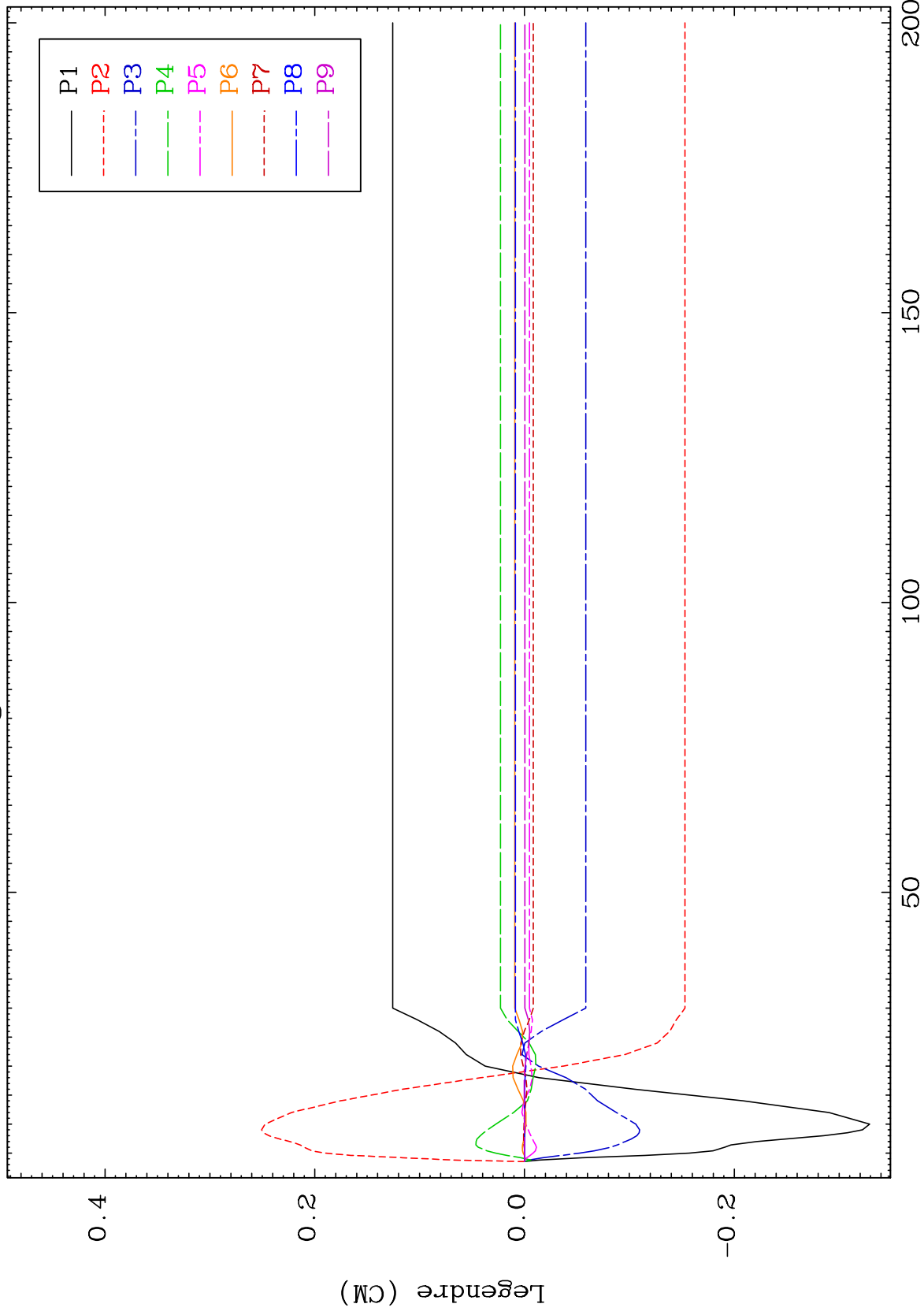
70-Yb-157



MAT 6992

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

70-Yb-157



57

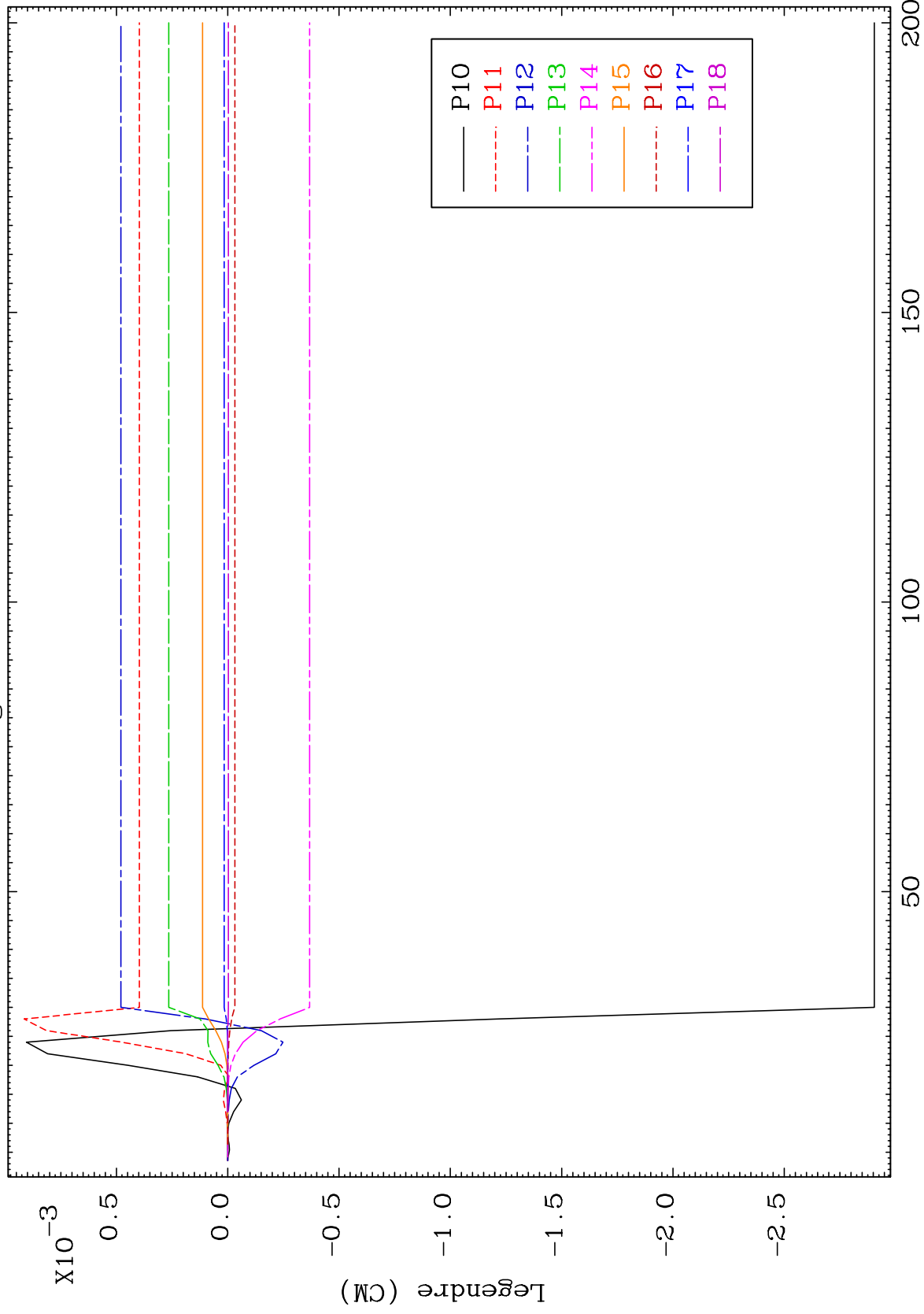
Incident Energy (MeV)

70-Yb-157

MAT 6992

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

70-Yb-157



58

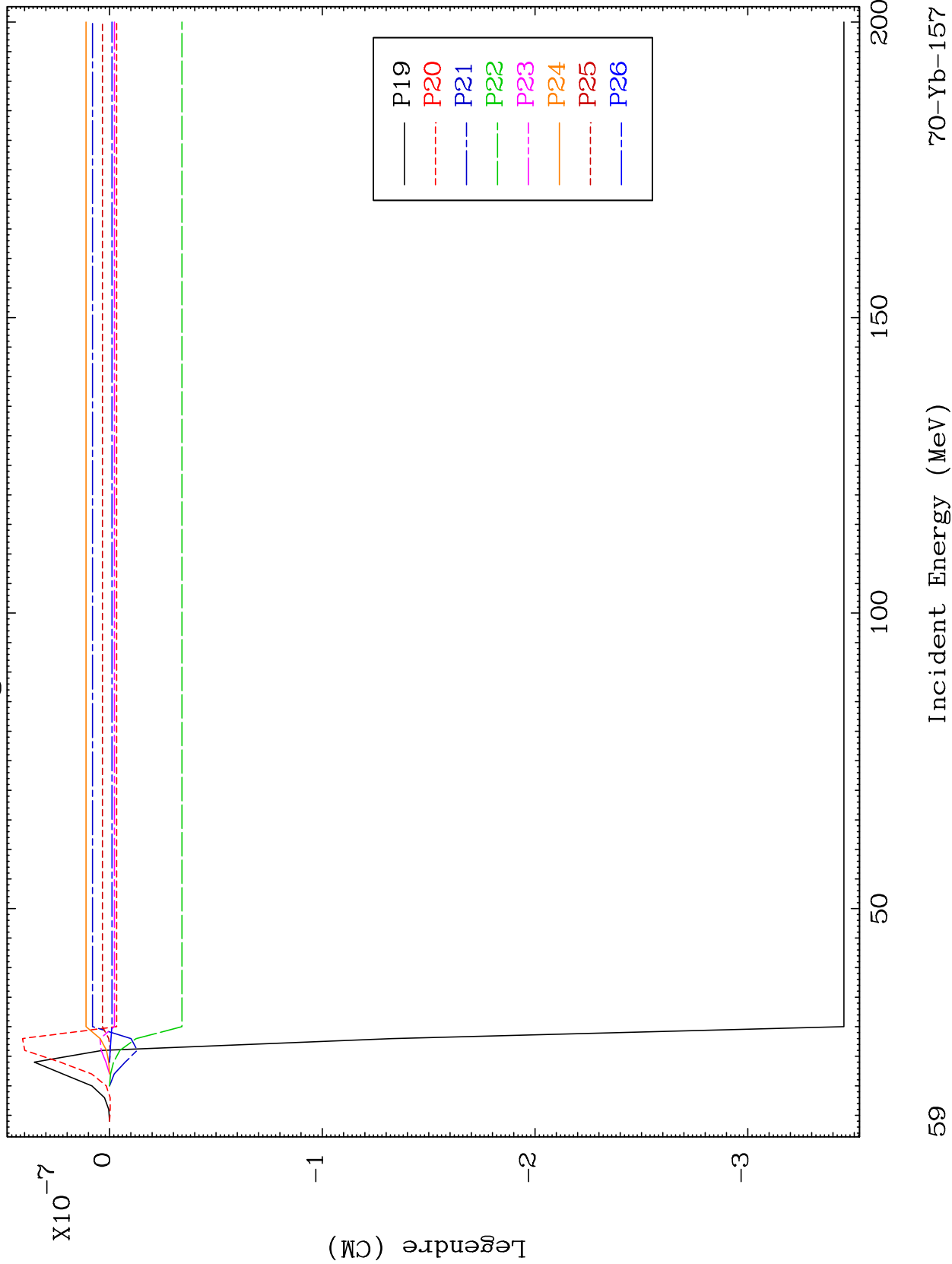
Incident Energy (MeV)

70-Yb-157

MAT 6992

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

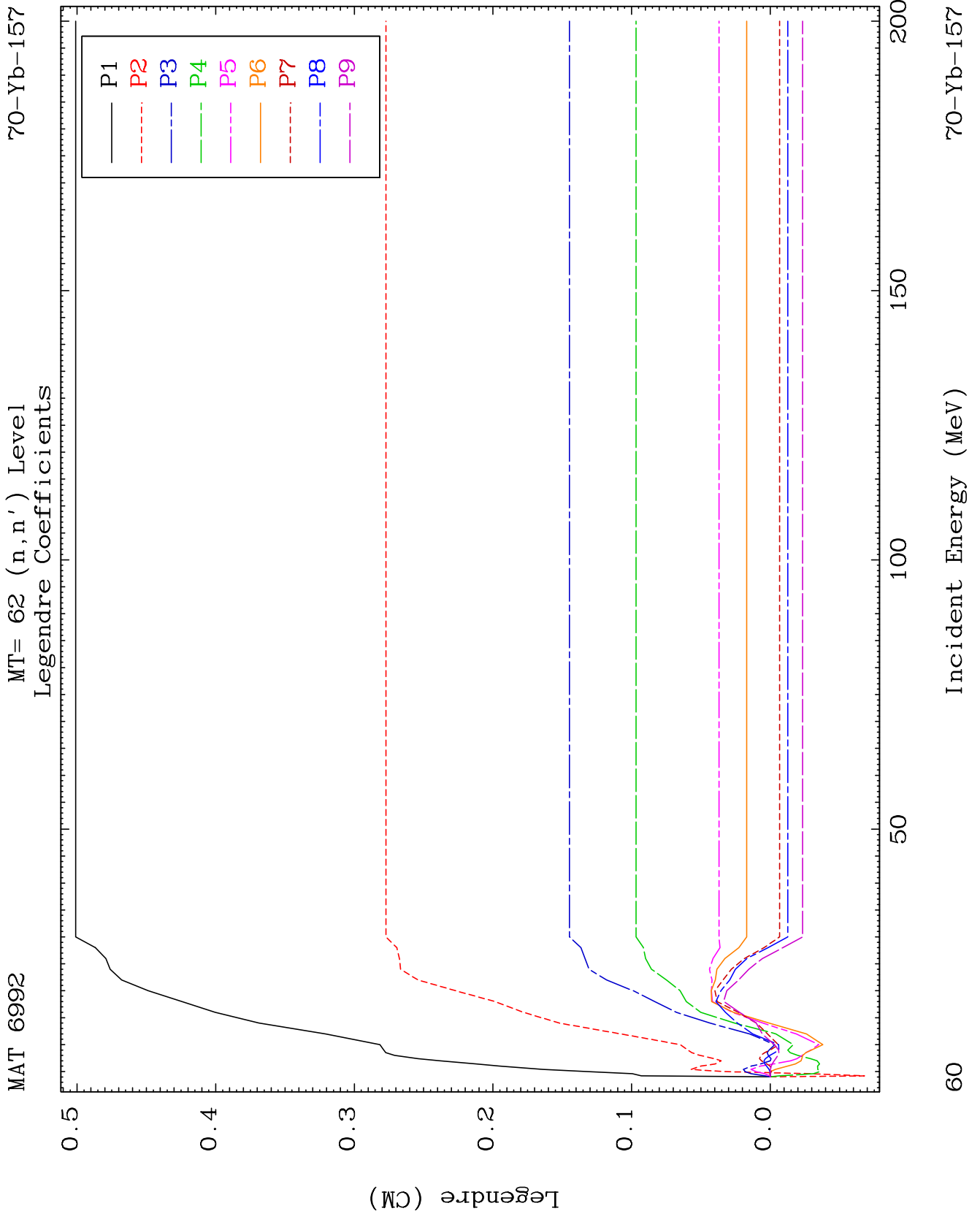
70-Yb-157



59

Incident Energy (MeV)

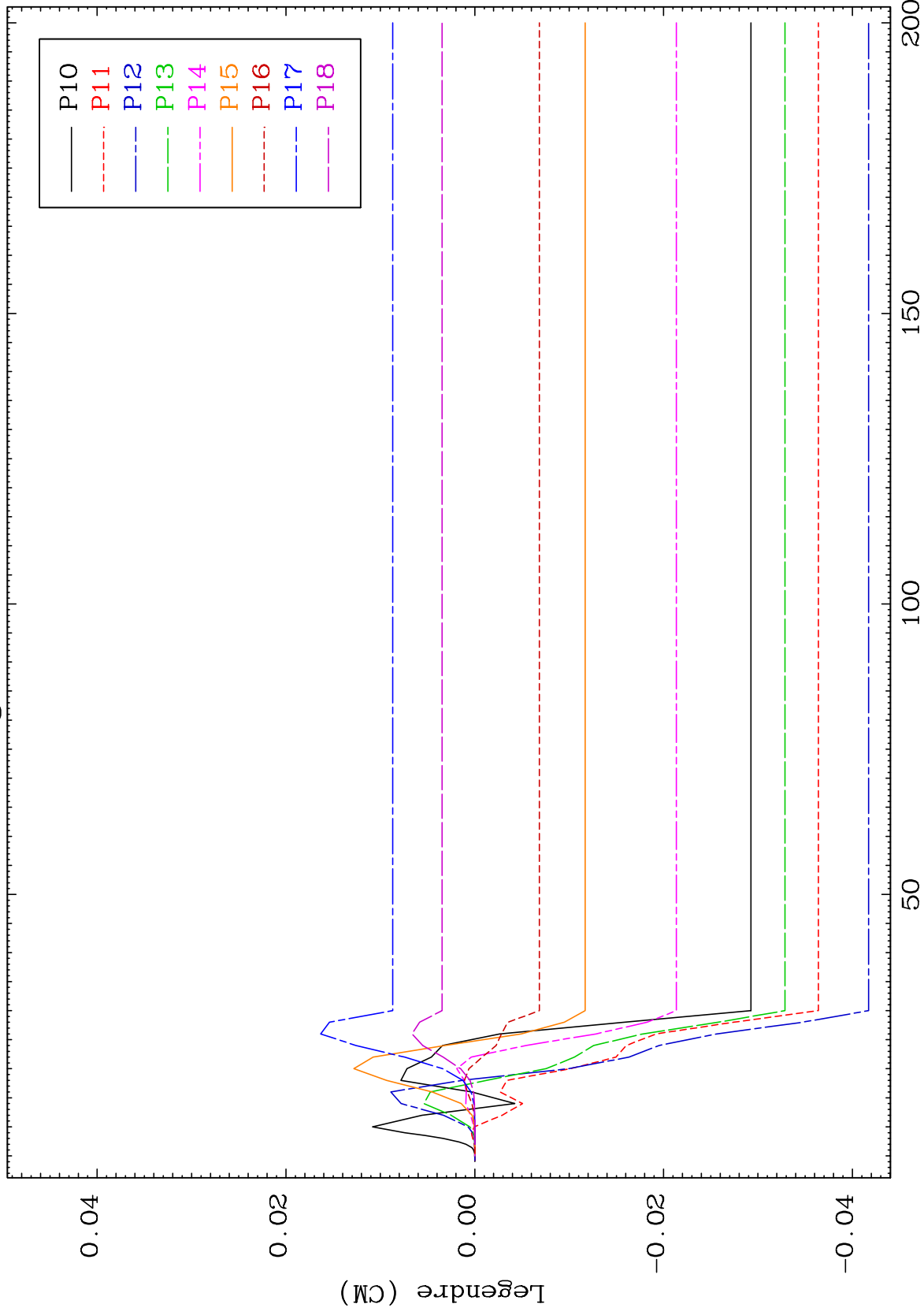
70-Yb-157



MAT 6992

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

70-Yb-157



61

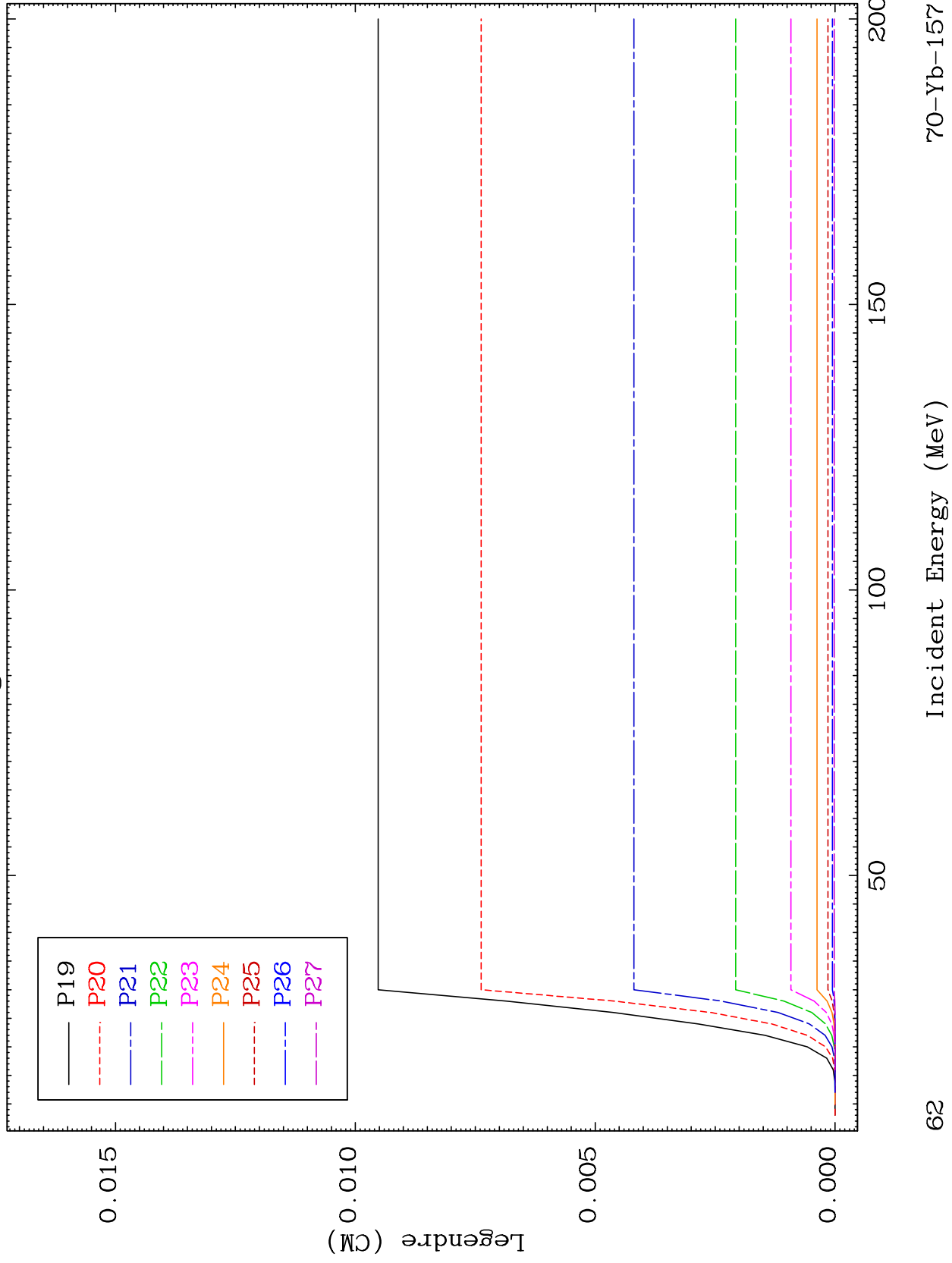
Incident Energy (MeV)

70-Yb-157

MAT 6992

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

70-Yb-157



62

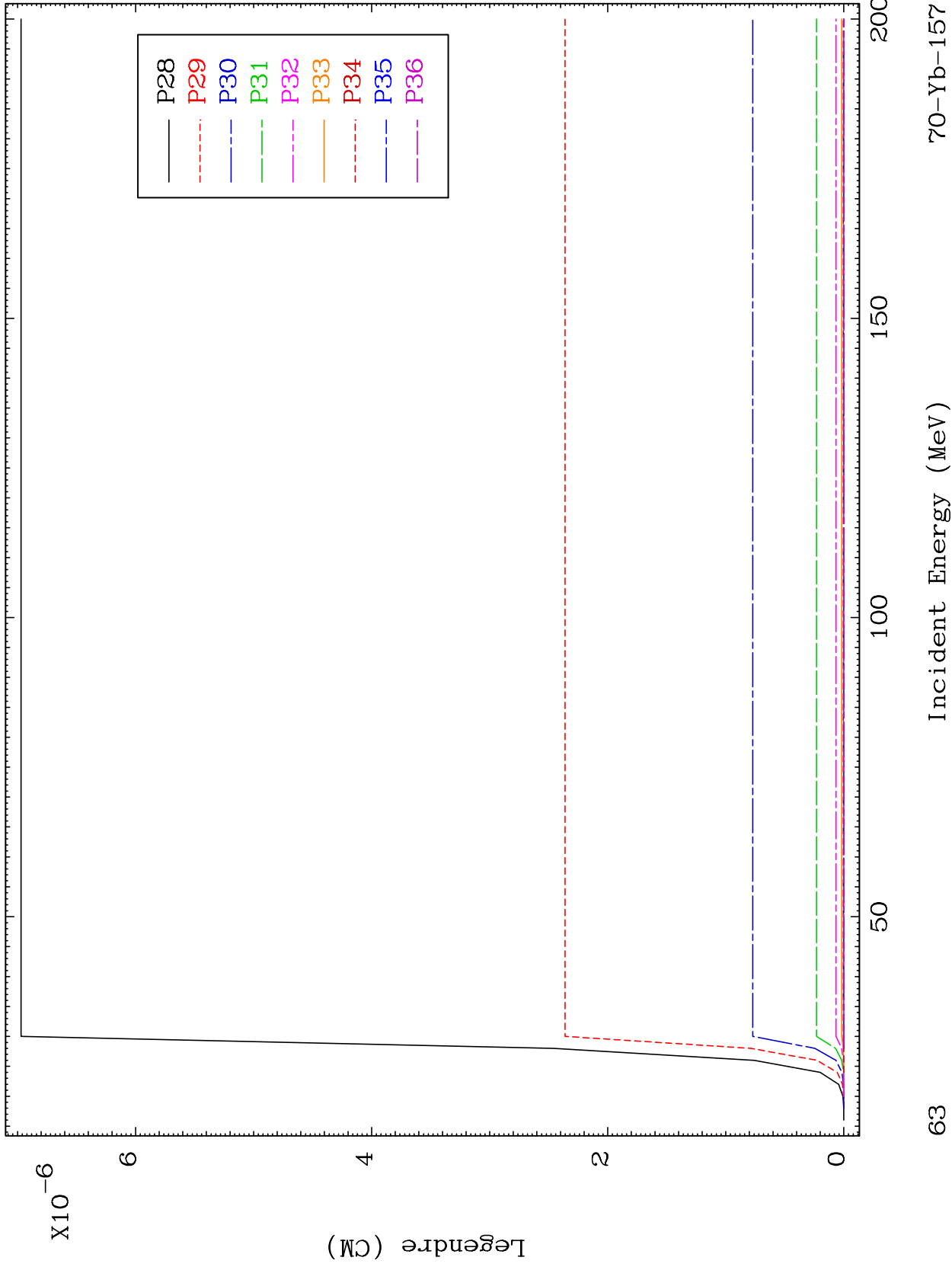
Incident Energy (MeV)

70-Yb-157

MAT 6992

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

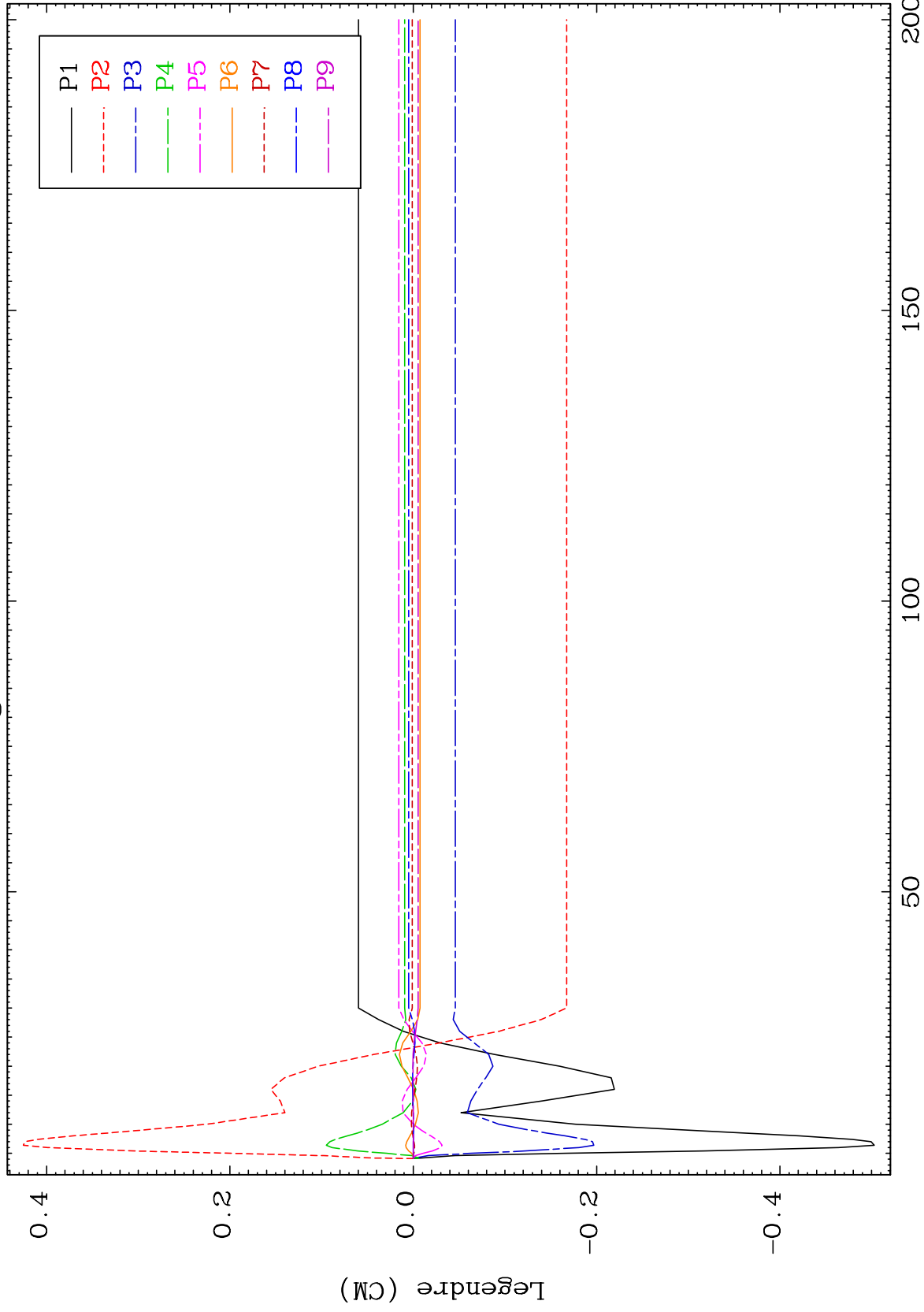
70-Yb-157



MAT 6992

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

70-Yb-157



64

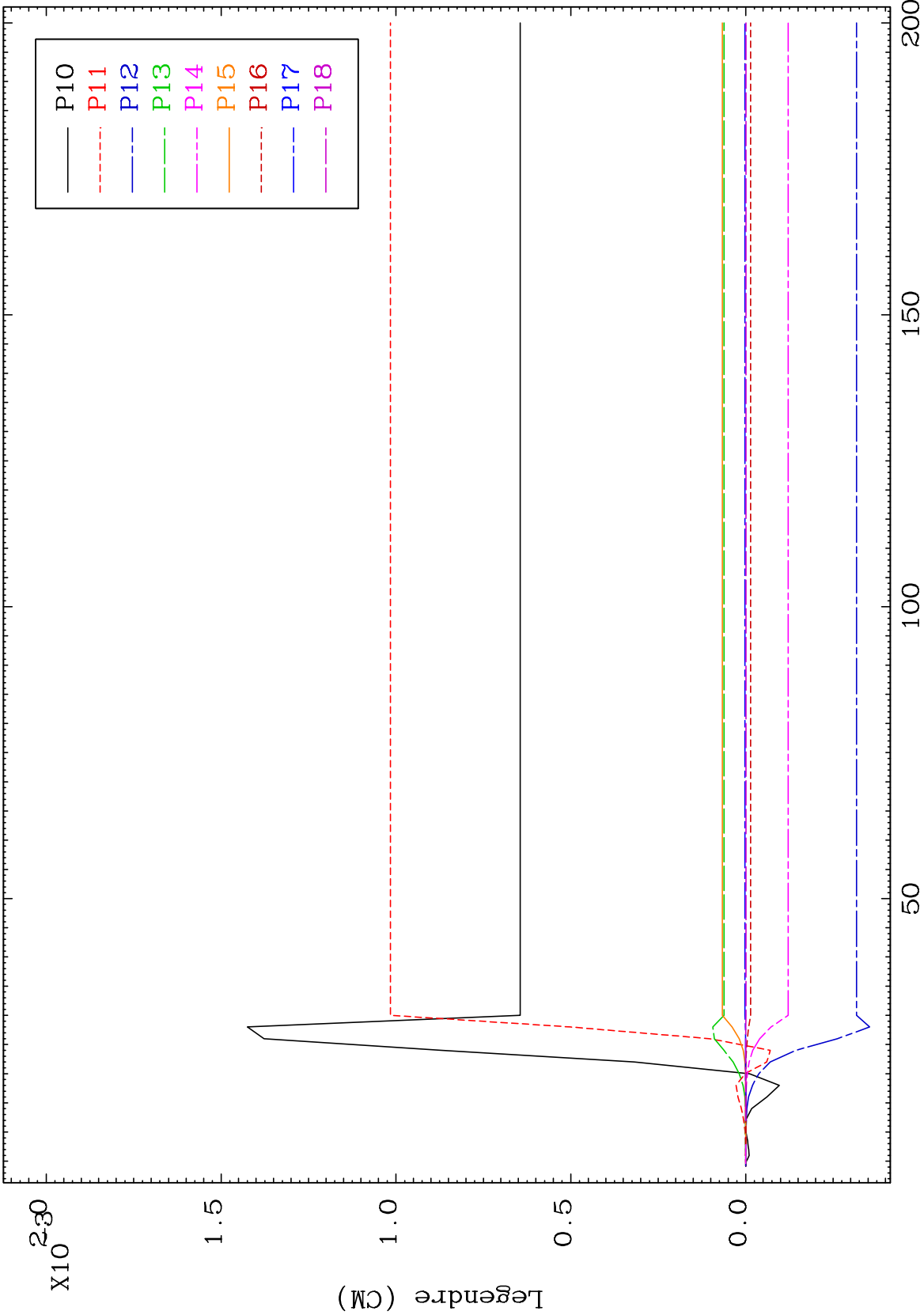
Incident Energy (MeV)

70-Yb-157

MAT 6992

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

70-Yb-157



65

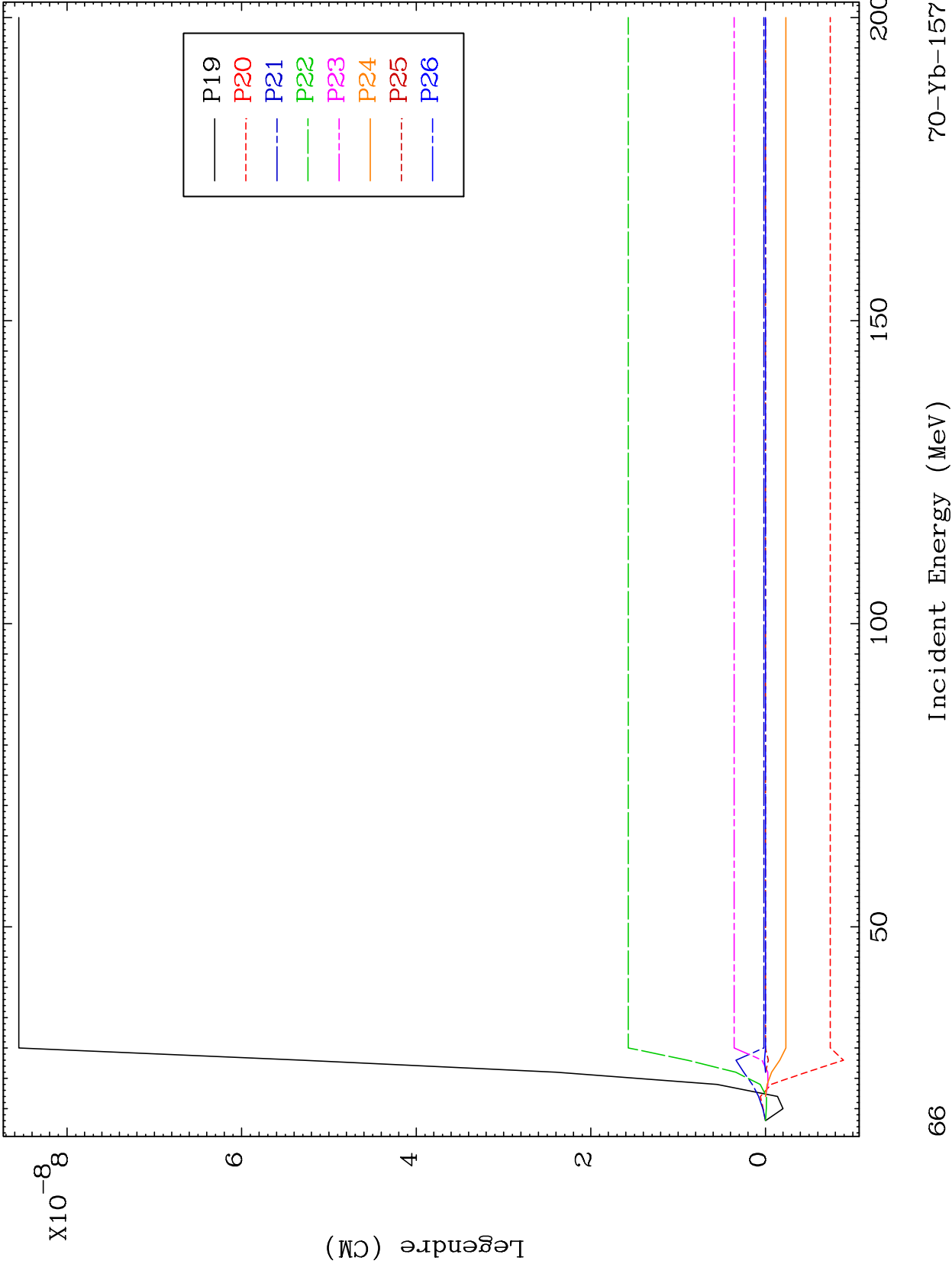
Incident Energy (MeV)

70-Yb-157

MAT 6992

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

70-Yb-157



66

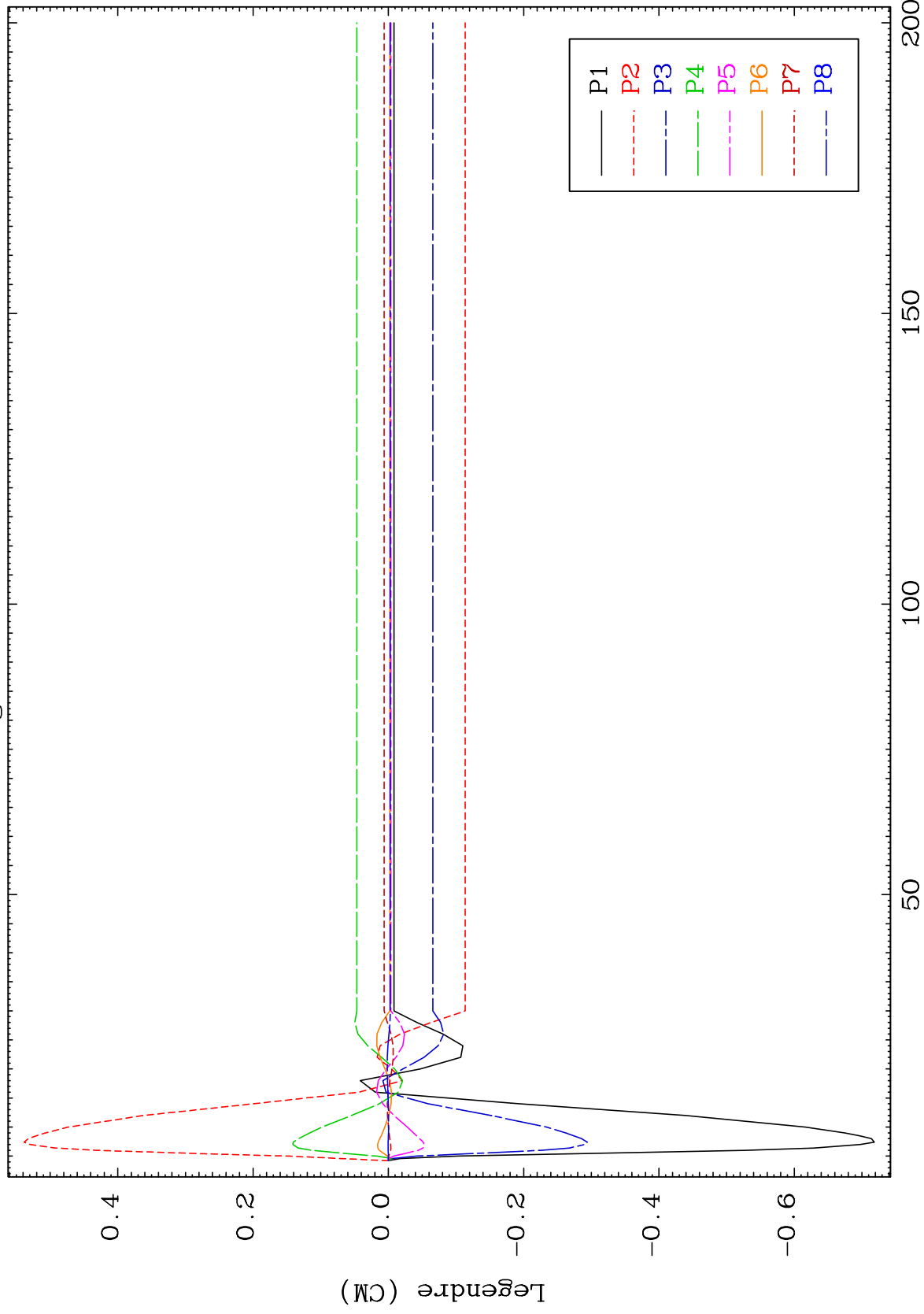
Incident Energy (MeV)

70-Yb-157

MAT 6992

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

70-Yb-157



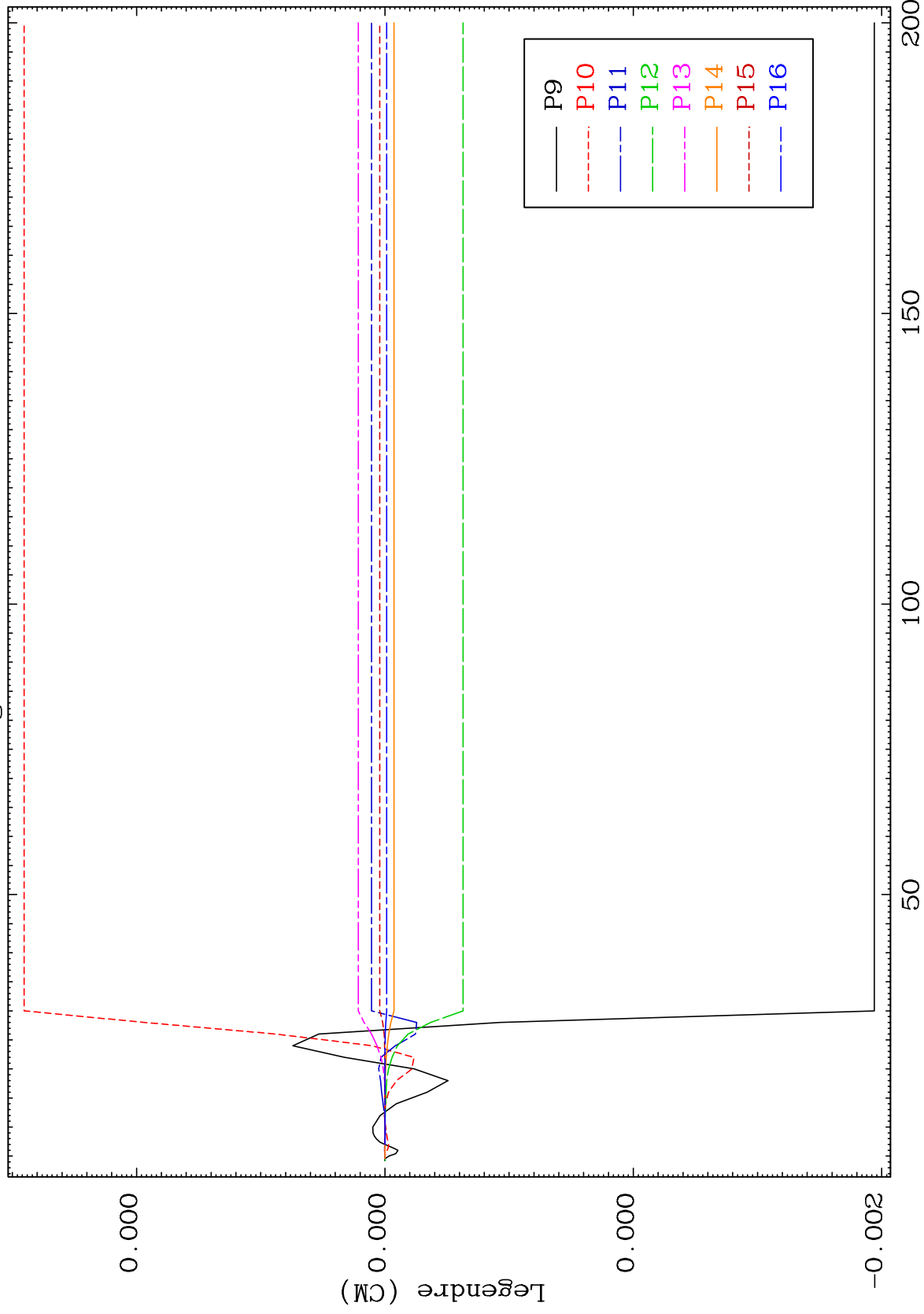
67

70-Yb-157

MAT 6992

70-Yb-157

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



68

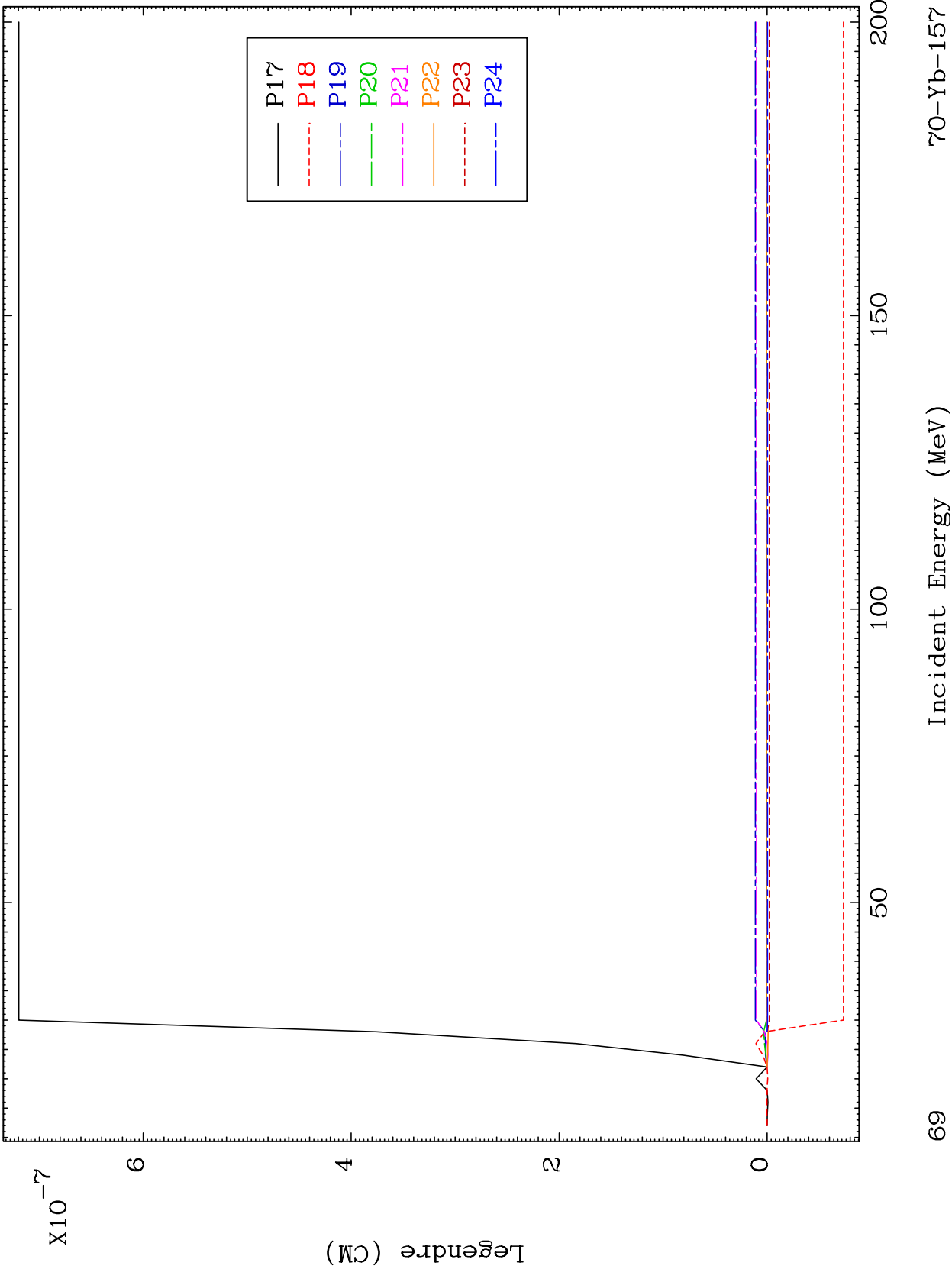
Incident Energy (MeV)

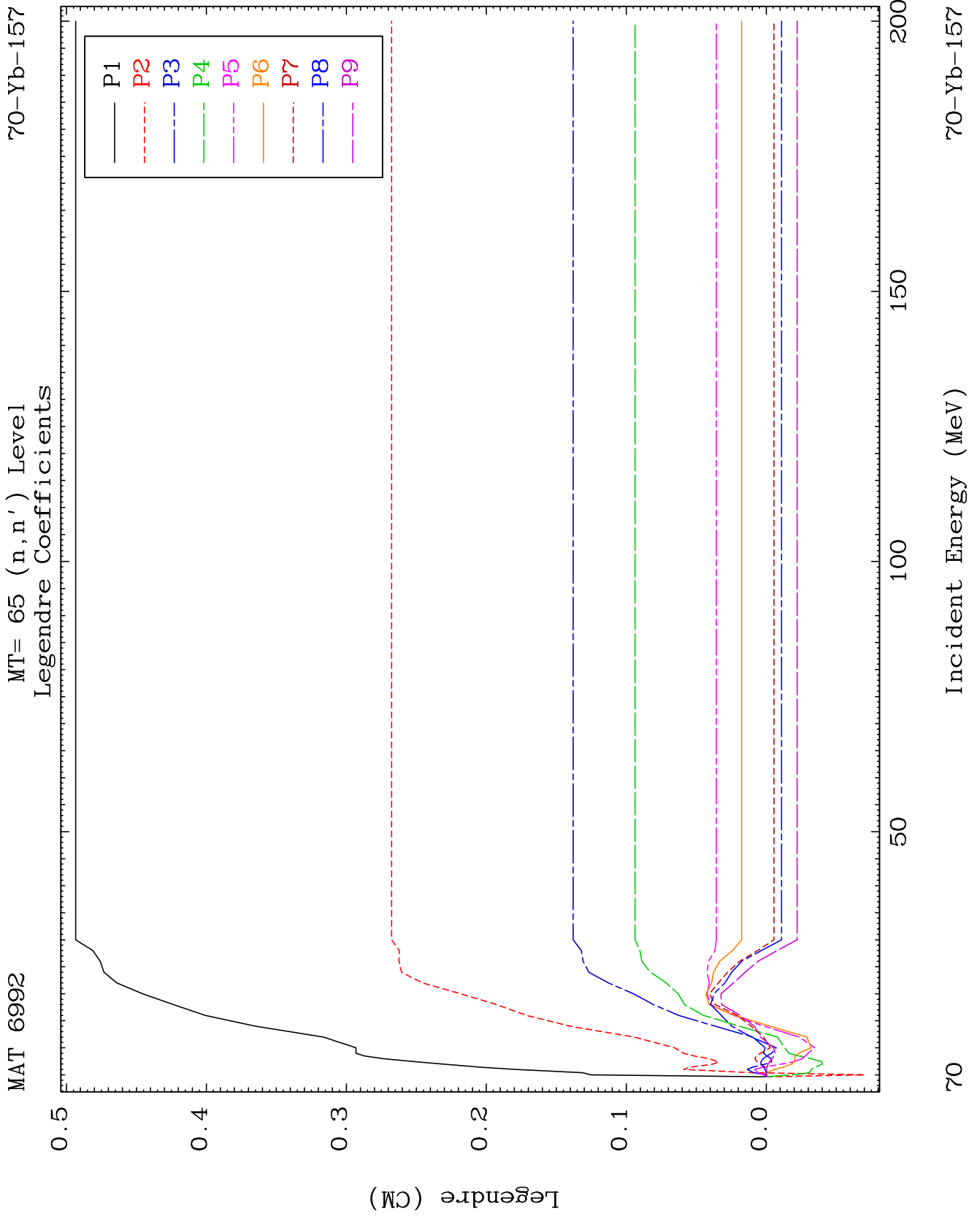
70-Yb-157

MAT 6992

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

70-Yb-157

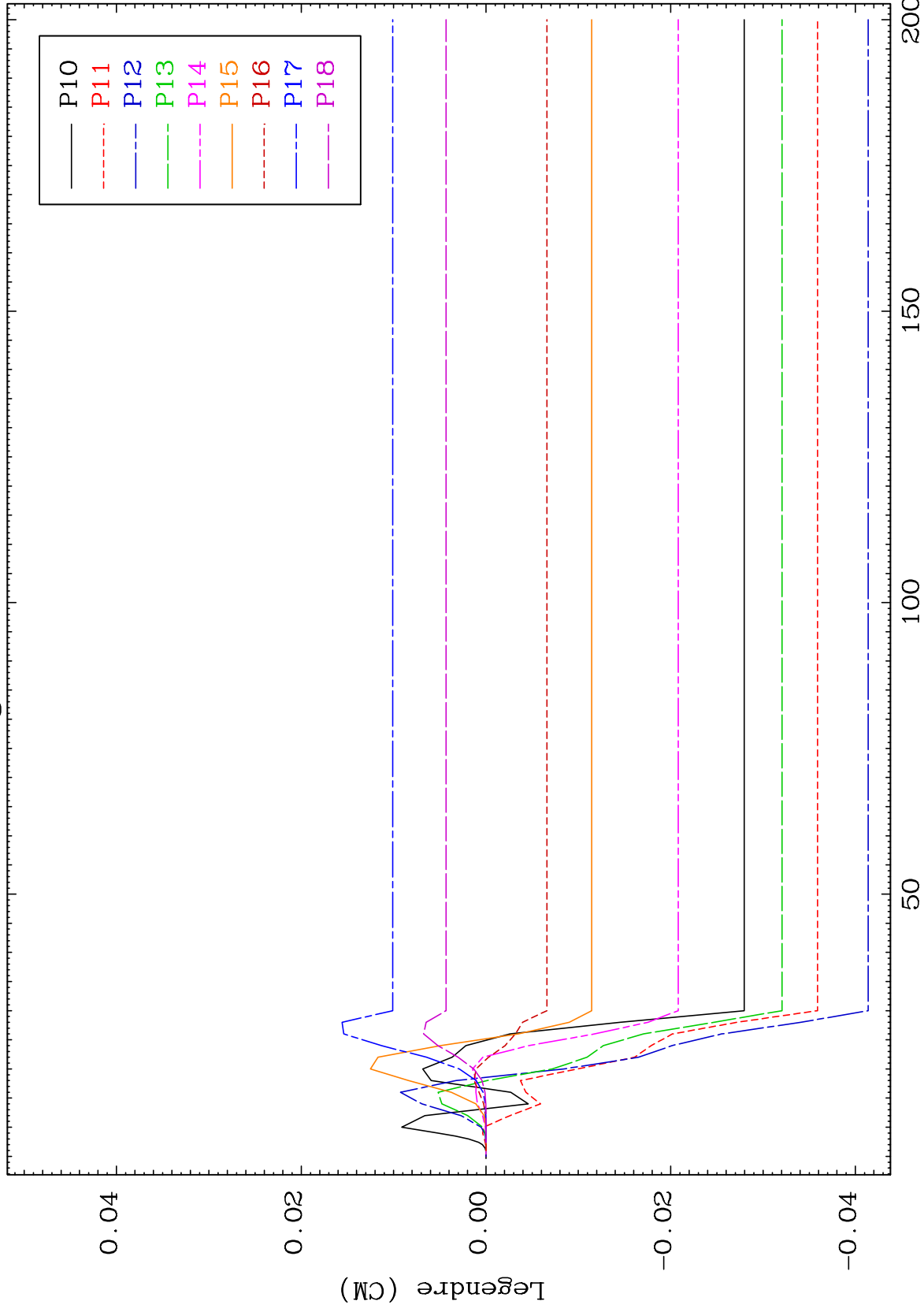




MAT 6992

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

70-Yb-157



71

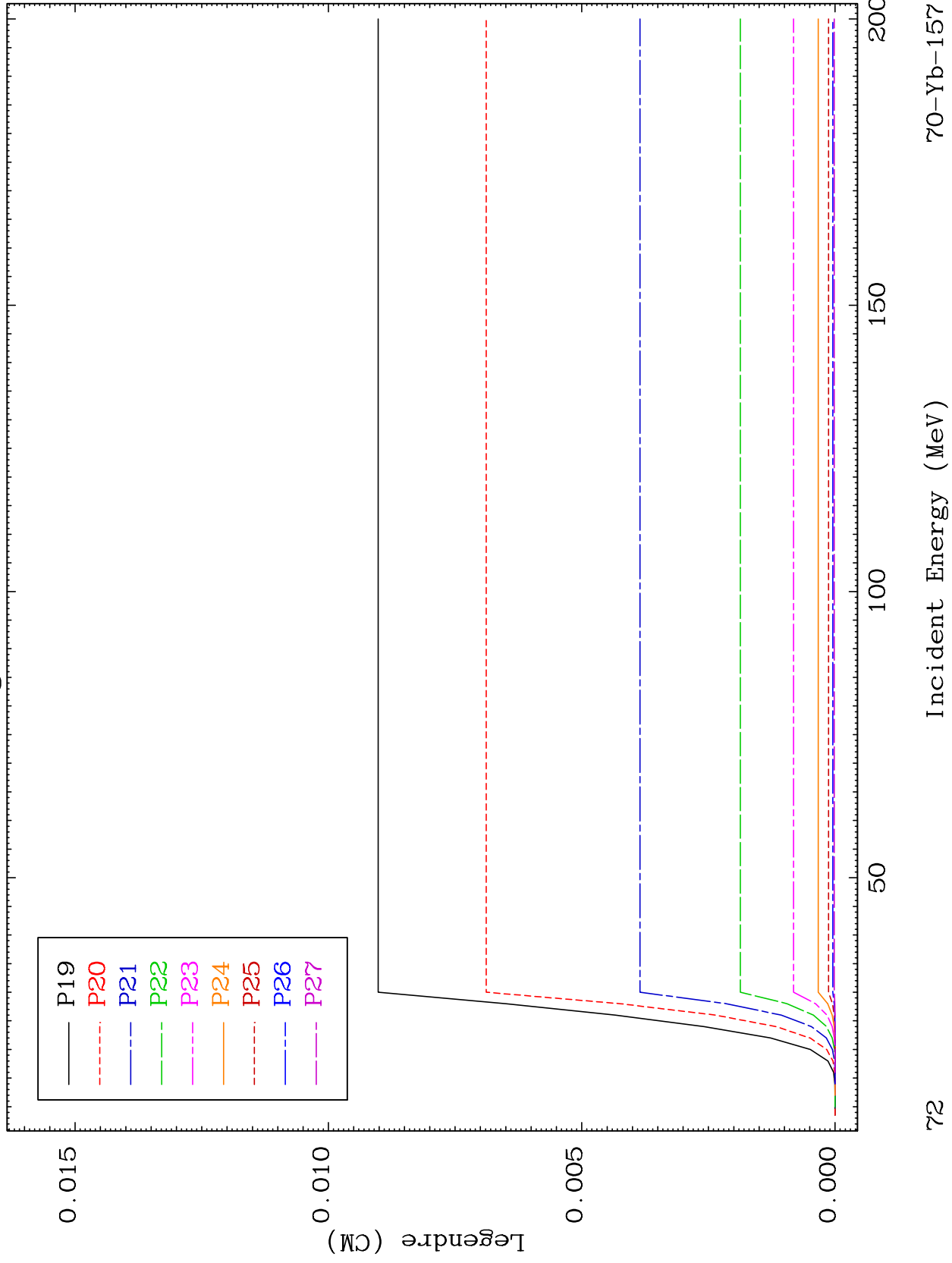
Incident Energy (MeV)

70-Yb-157

MAT 6992

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

70-Yb-157



72

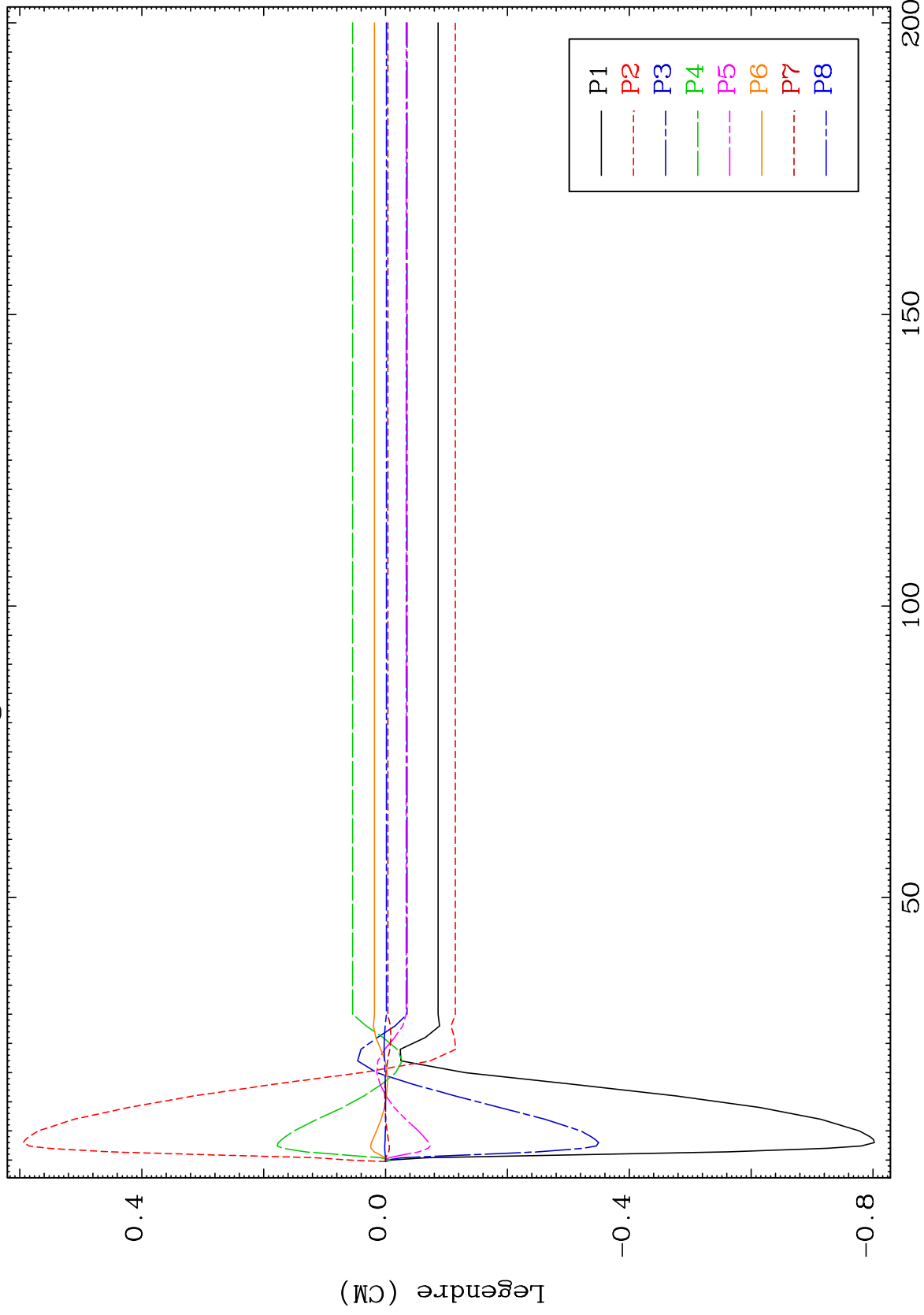
Incident Energy (MeV)

70-Yb-157

MAT 6992

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

70-Yb-157



74

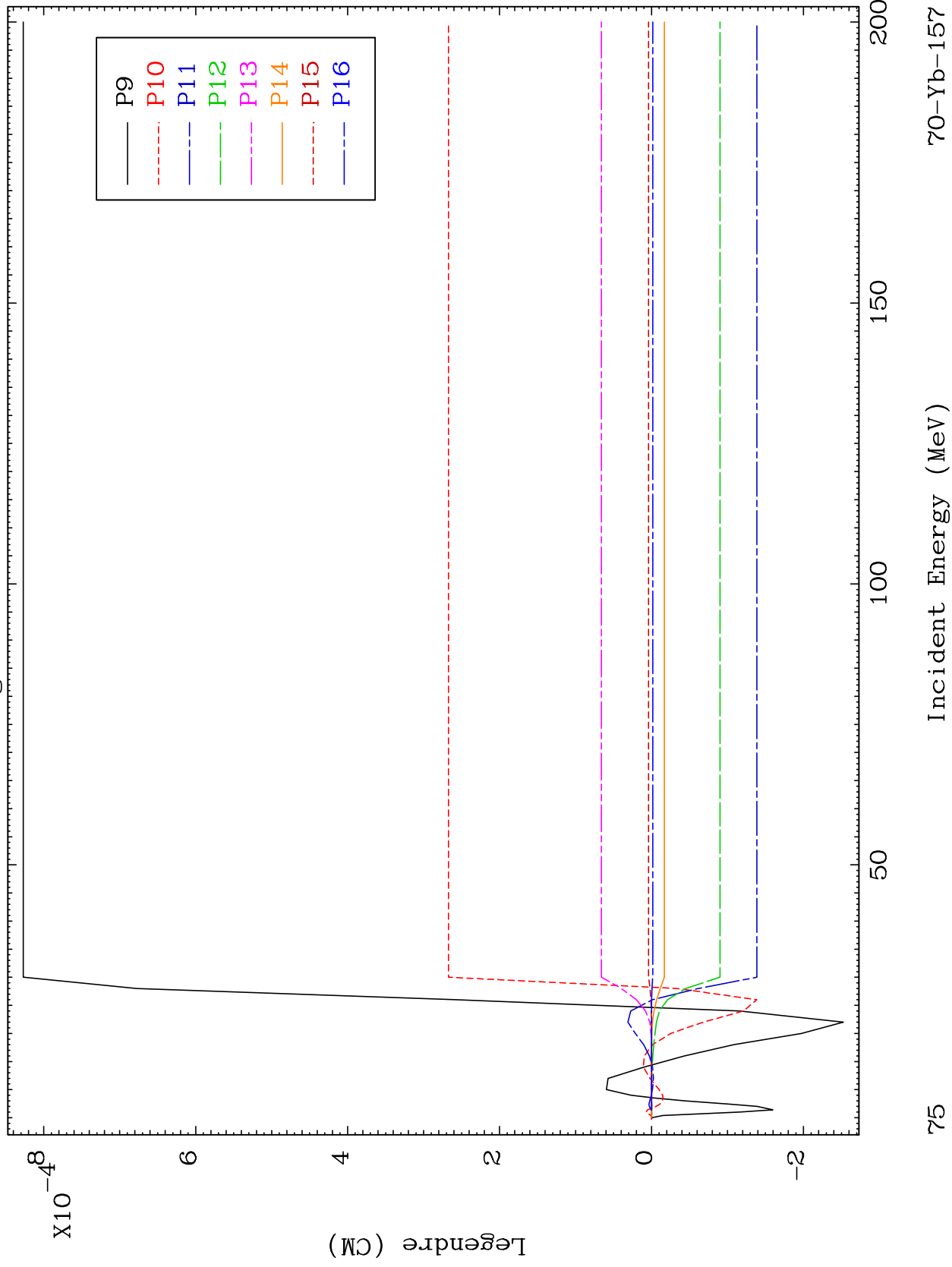
Incident Energy (MeV)

70-Yb-157

MAT 6992

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

70-Yb-157



75

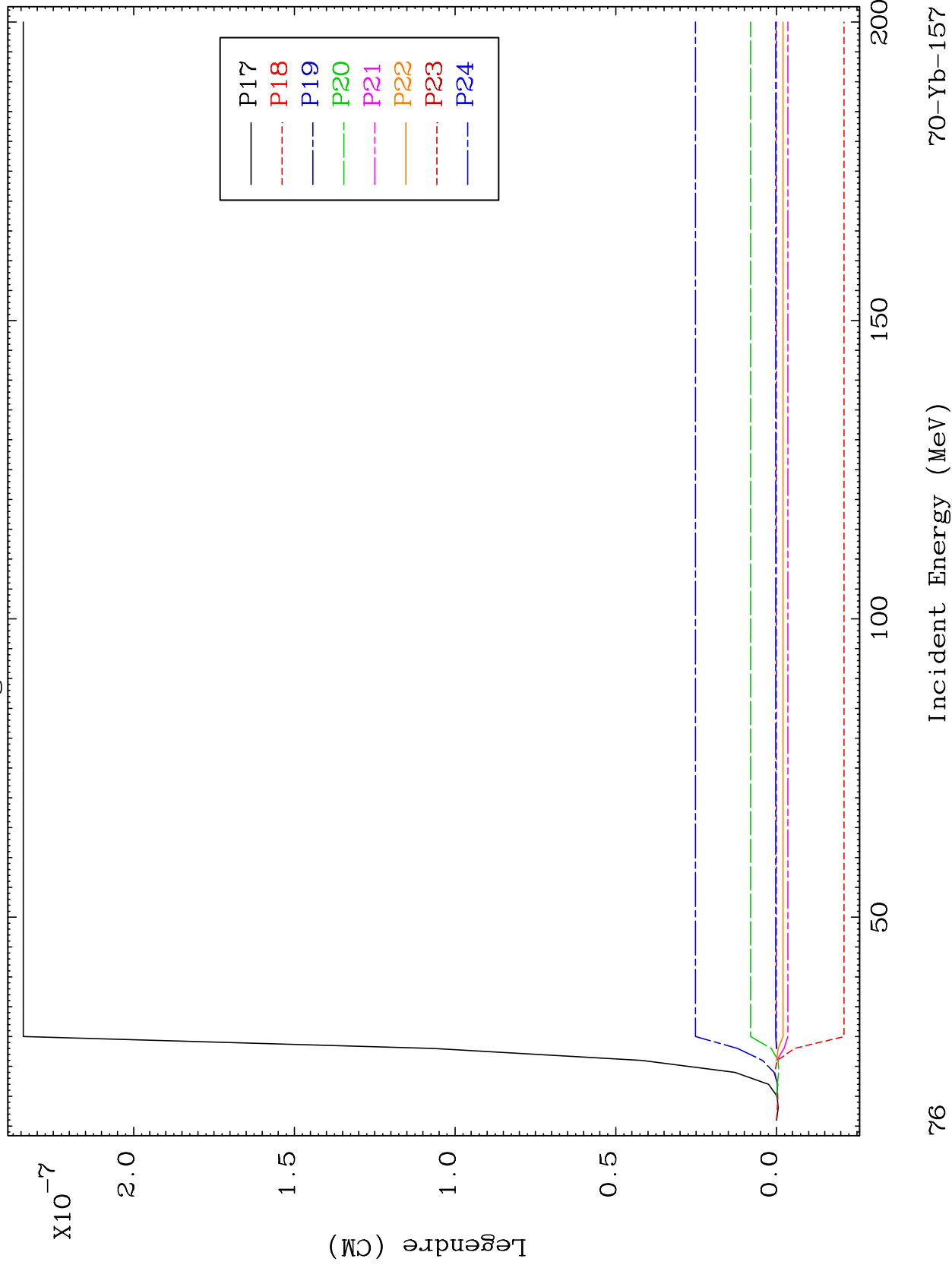
Incident Energy (MeV)

70-Yb-157

MAT 6992

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

70-Yb-157



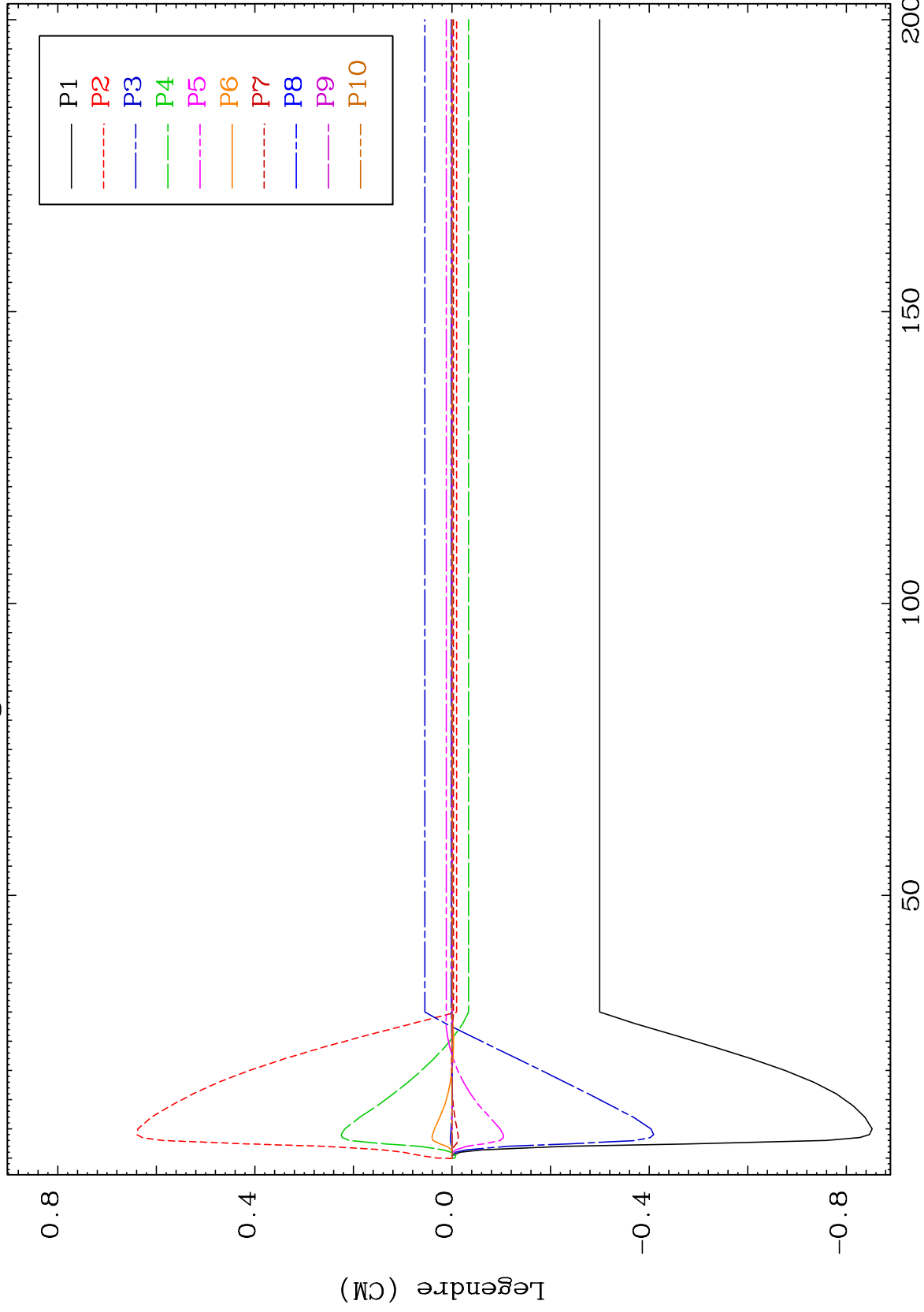
76

70-Yb-157

MAT 6992

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

70-Yb-157



77

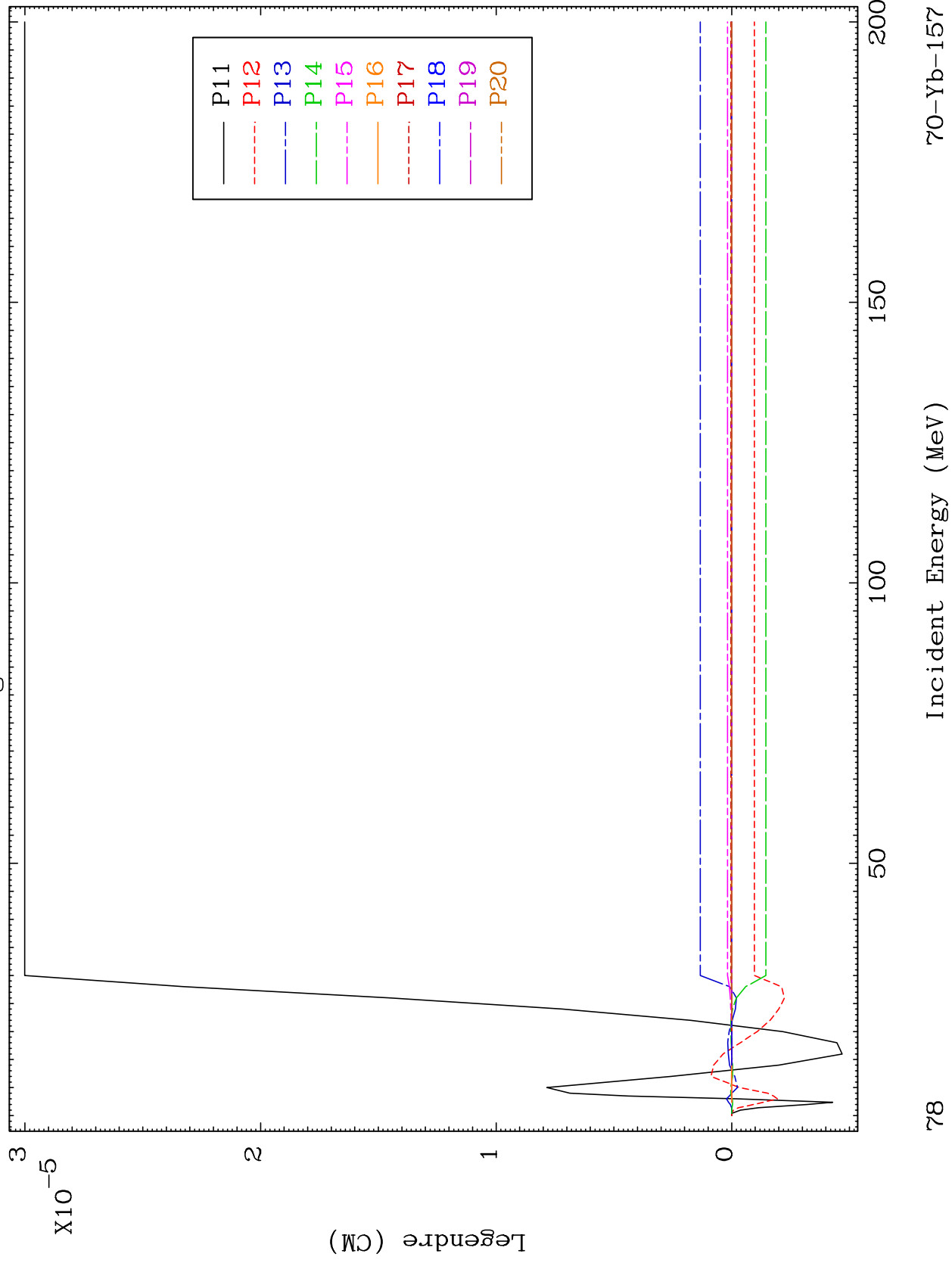
Incident Energy (MeV)

70-Yb-157

MAT 6992

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

70-Yb-157



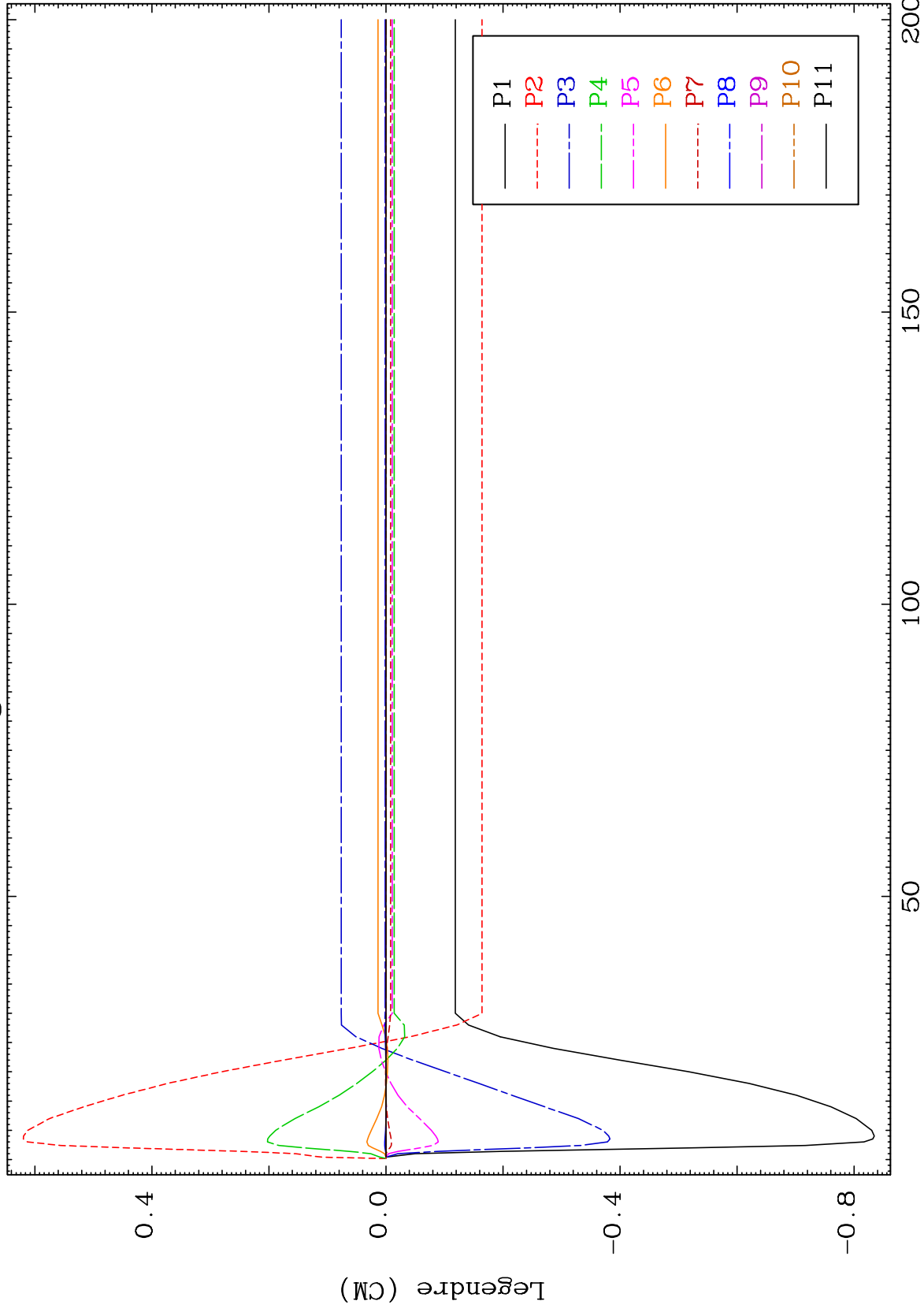
78

70-Yb-157

MAT 6992

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

70-Yb-157



79

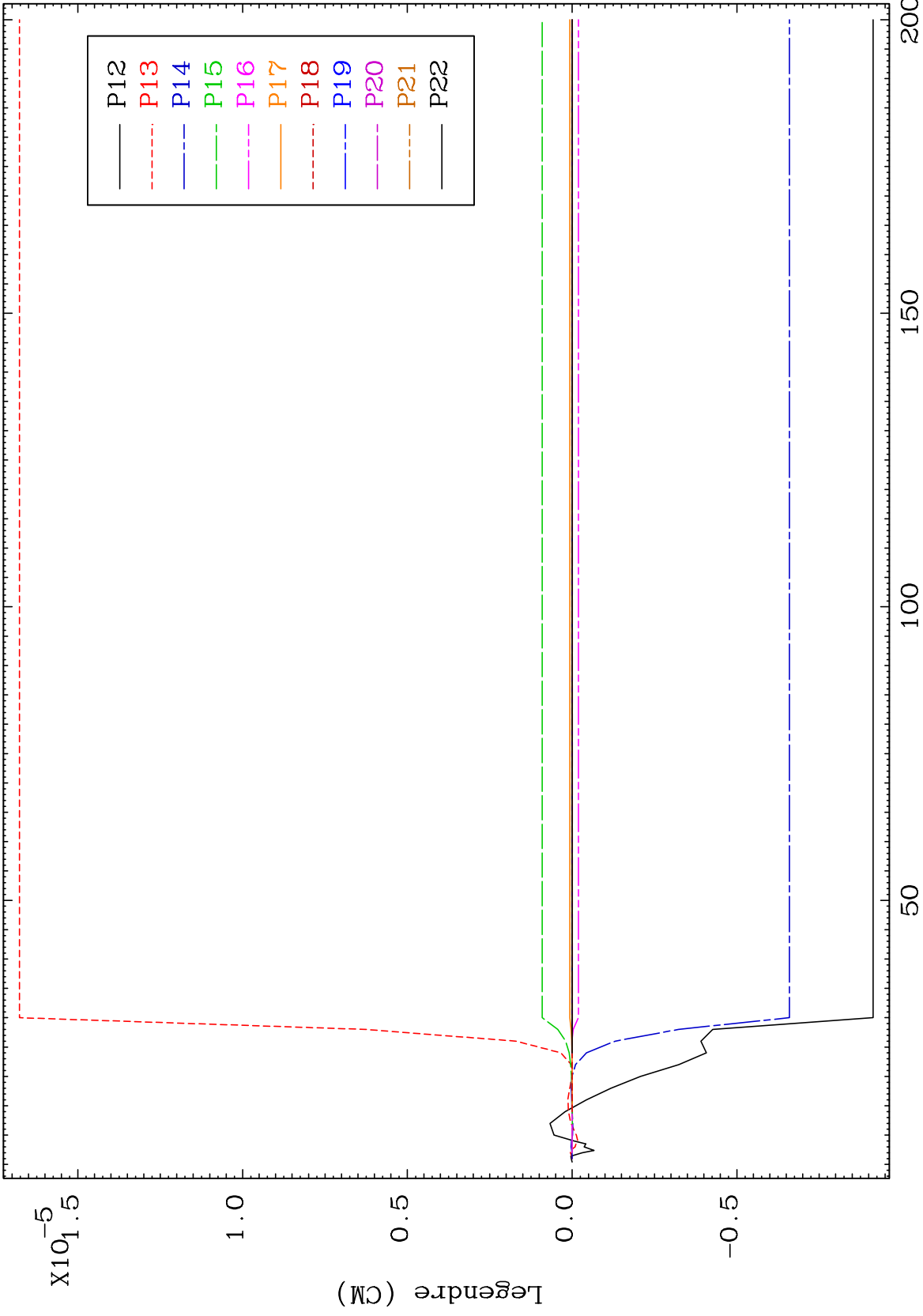
Incident Energy (MeV)

70-Yb-157

MAT 6992

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

70-Yb-157



80

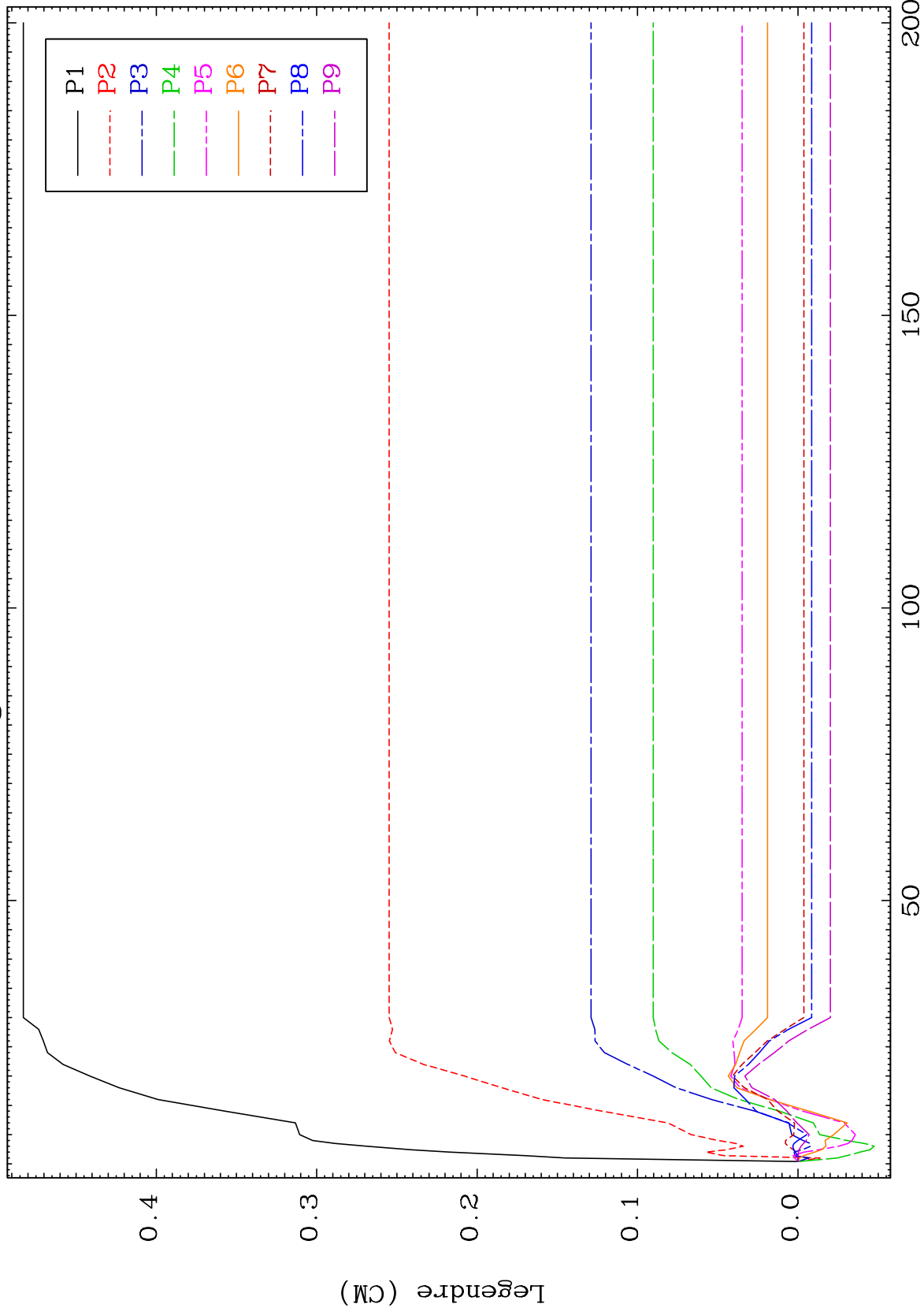
Incident Energy (MeV)

70-Yb-157

MAT 6992

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

70-Yb-157



81

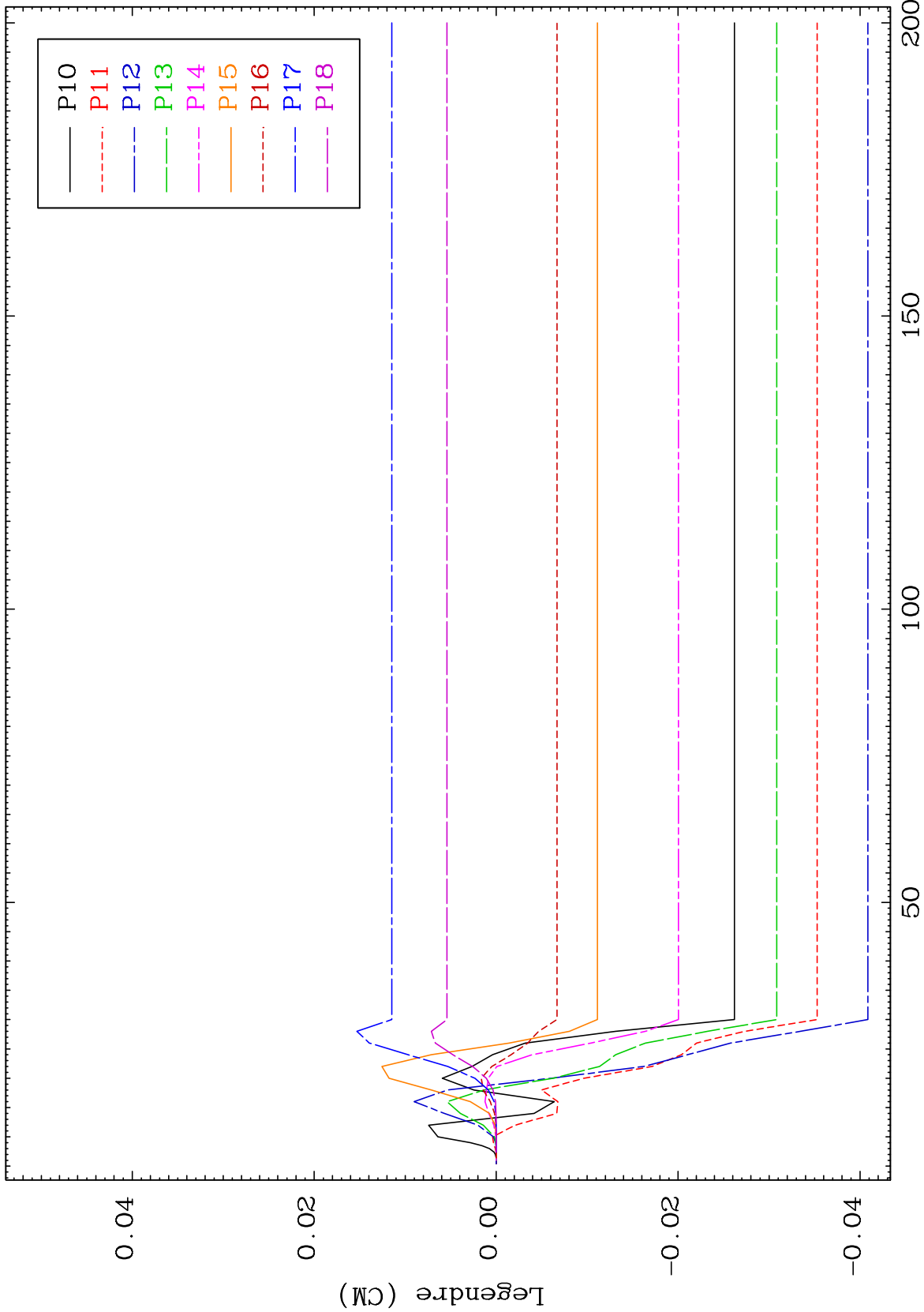
Incident Energy (MeV)

70-Yb-157

MAT 6992

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

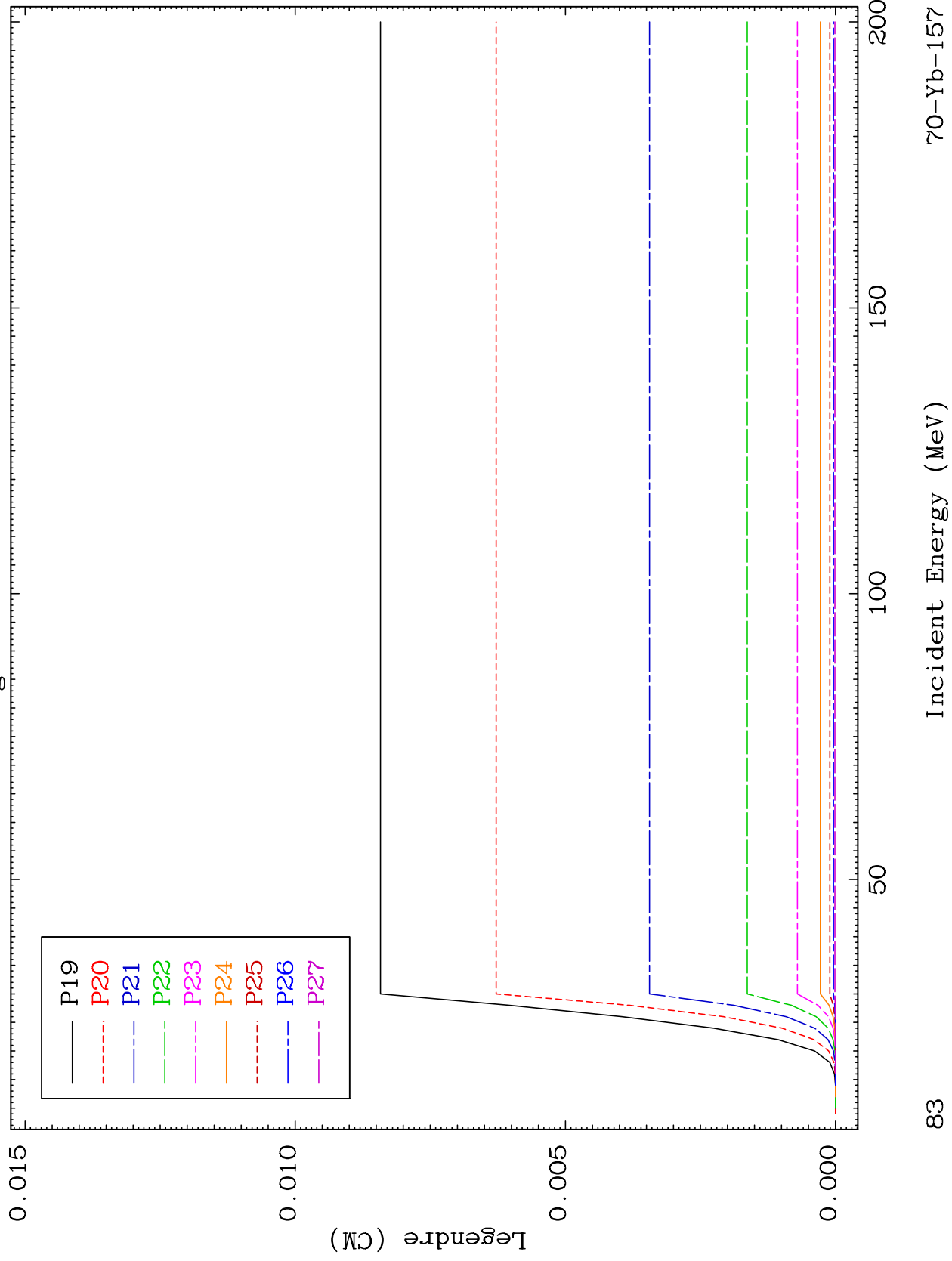
70-Yb-157



MAT 6992

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

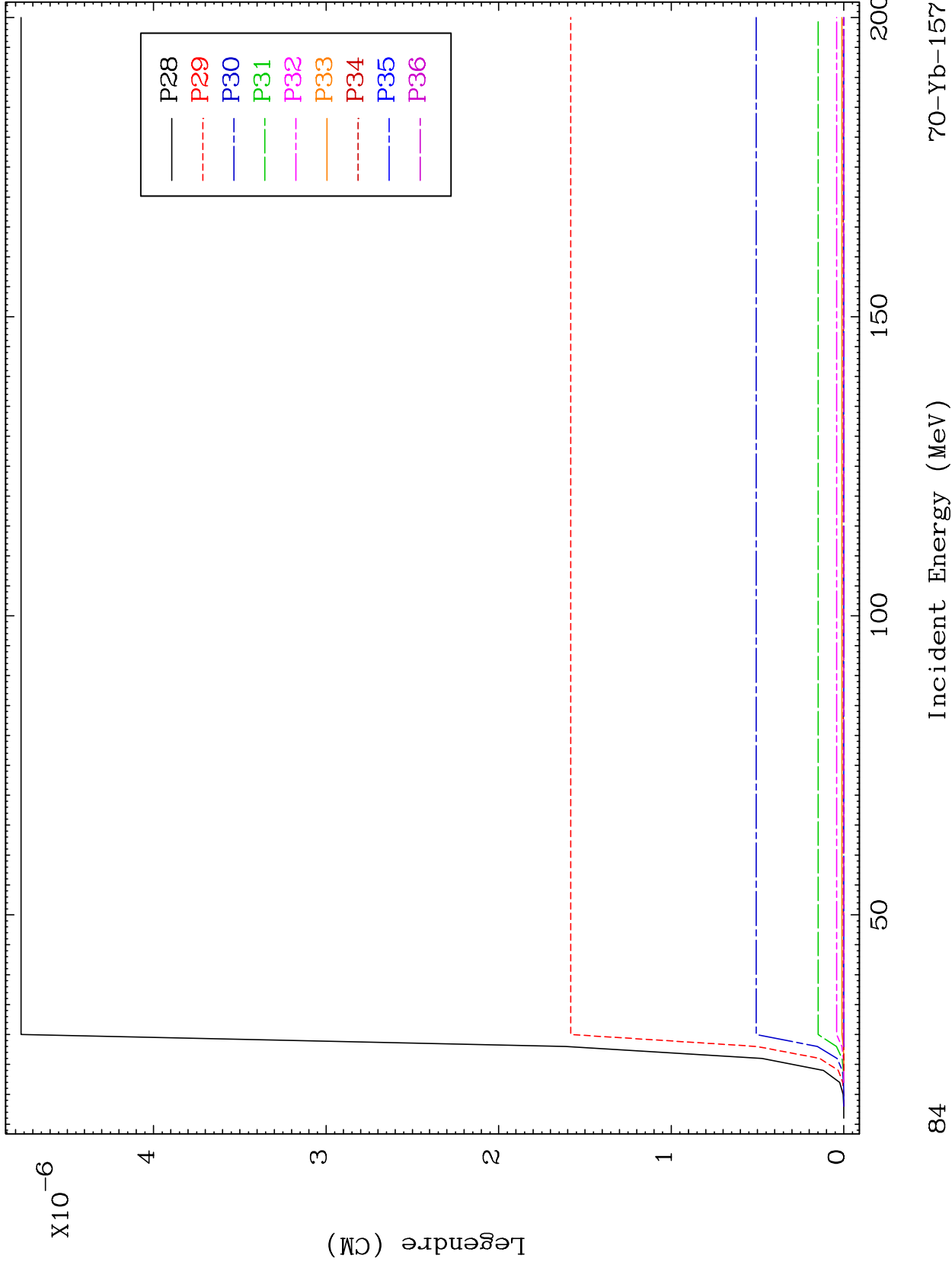
70-Yb-157



MAT 6992

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

70-Yb-157



84

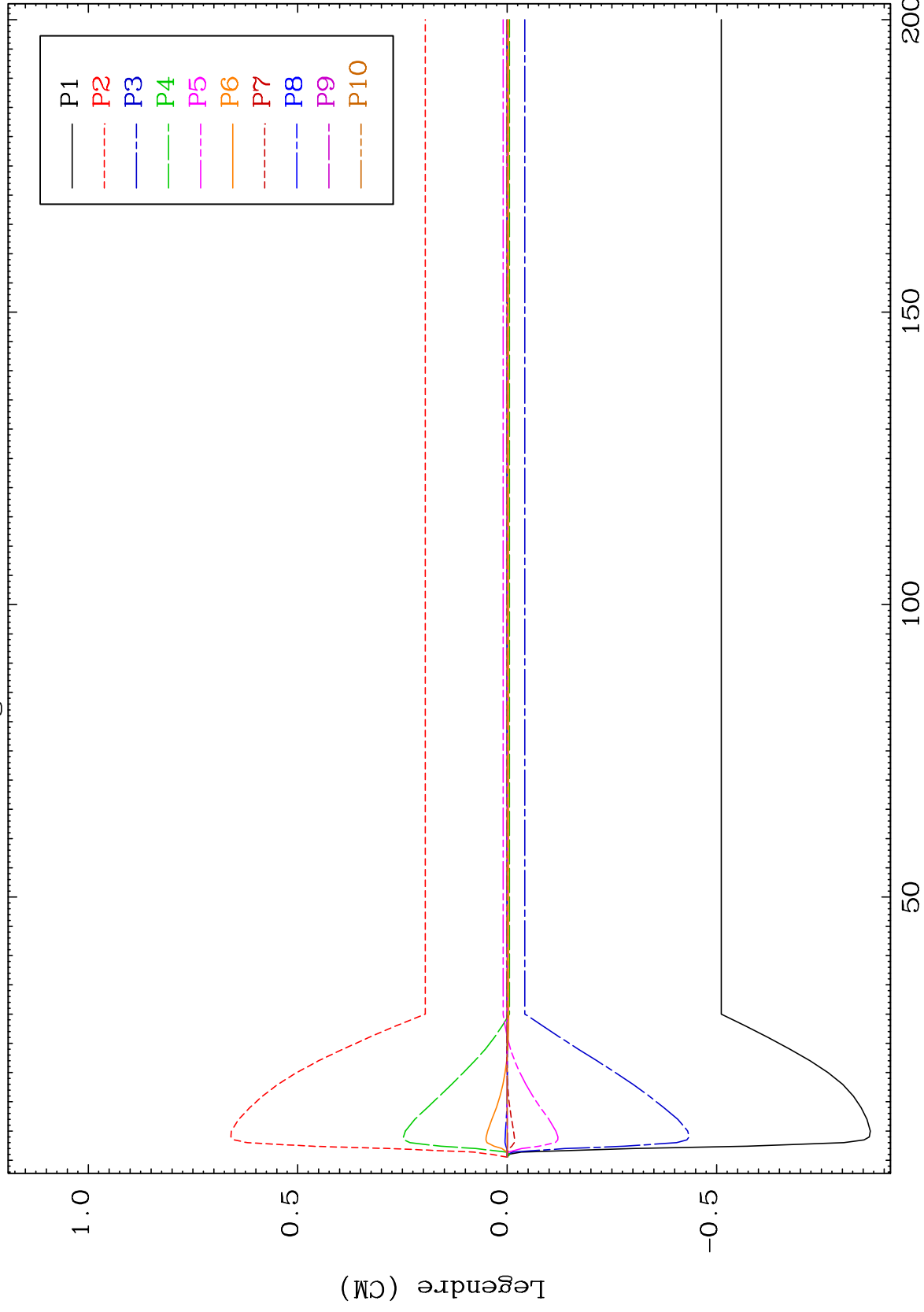
Incident Energy (MeV)

70-Yb-157

MAT 6992

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

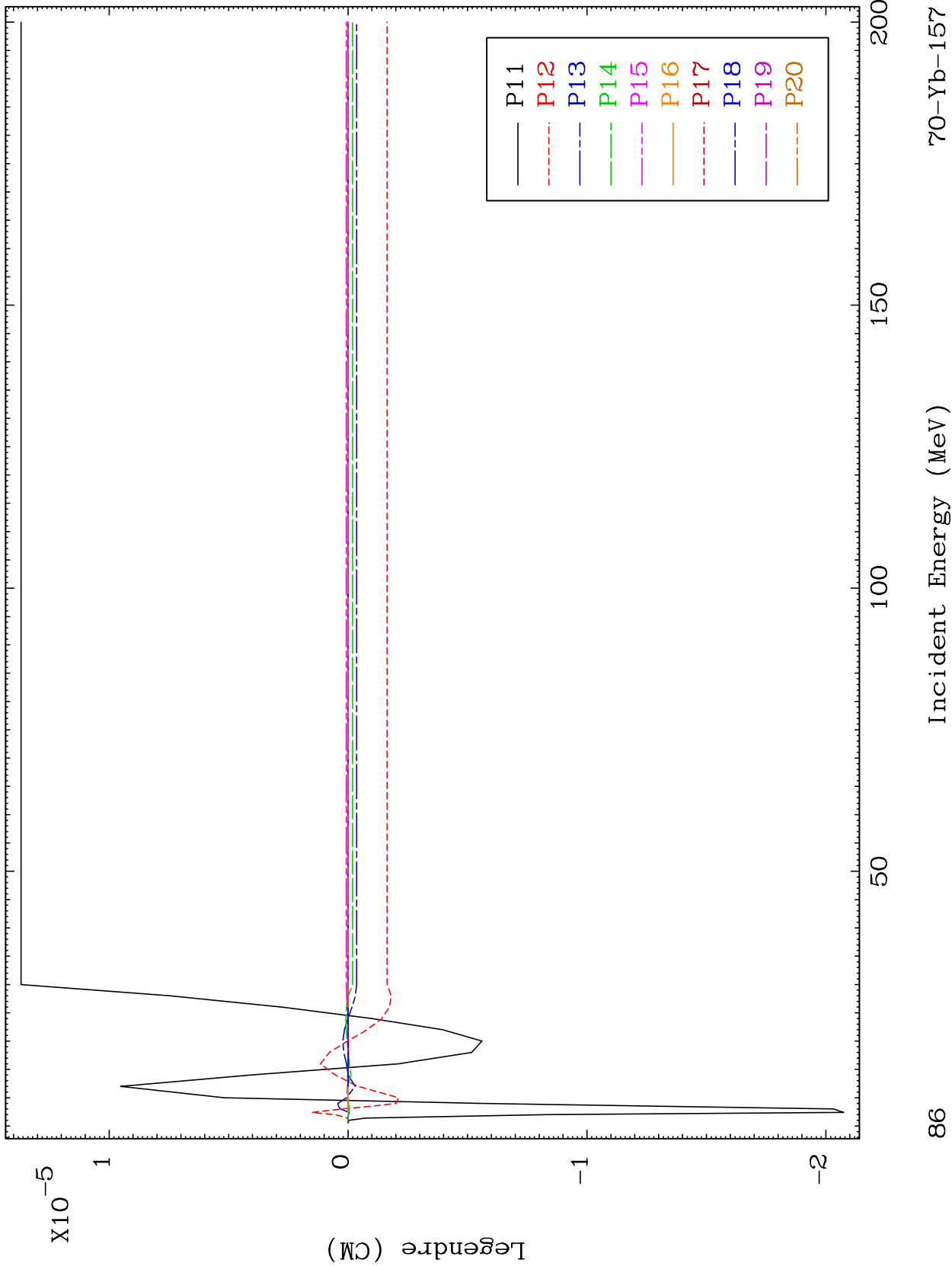
70-Yb-157



85

Incident Energy (MeV)

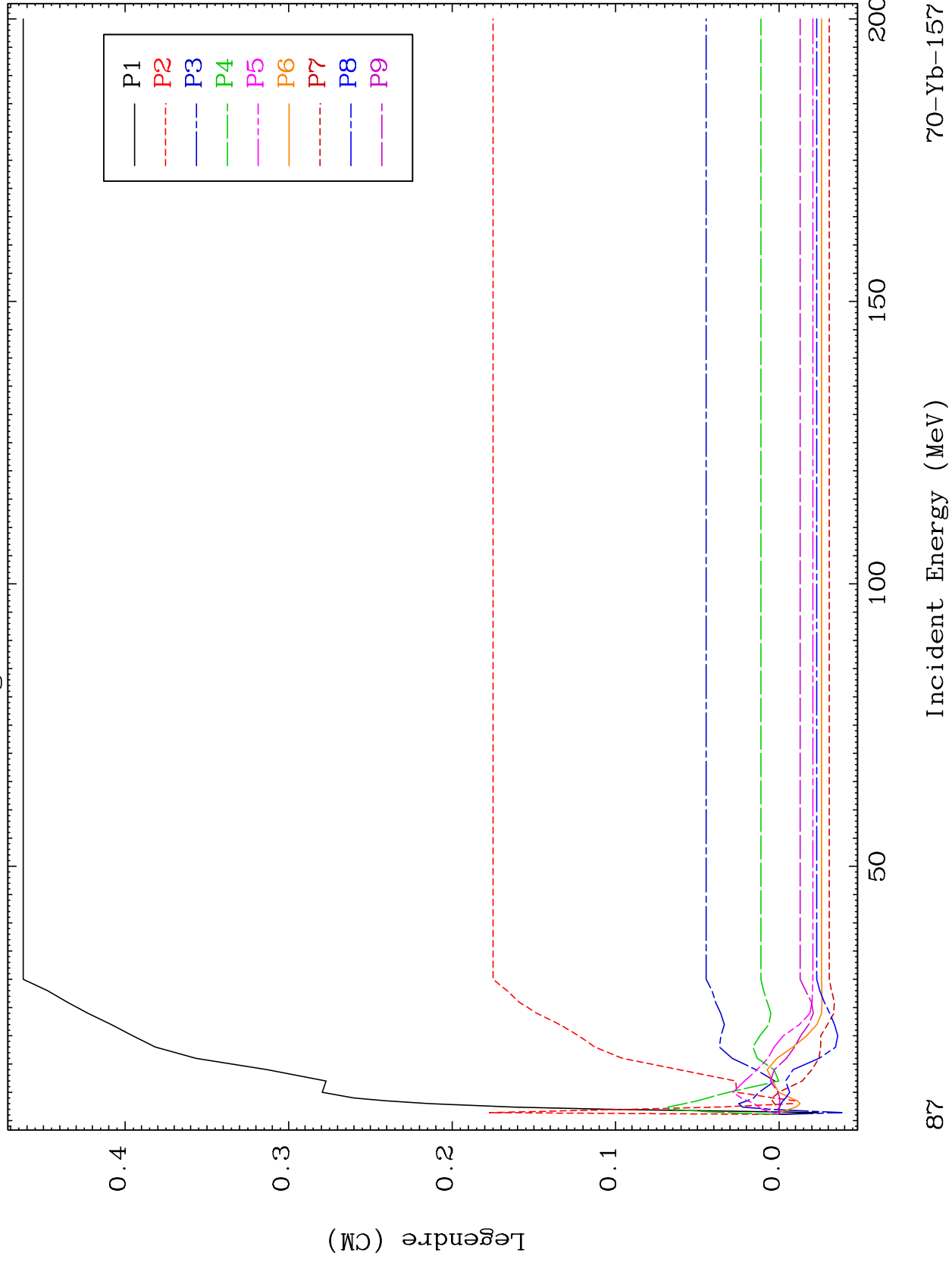
70-Yb-157



MAT 6992

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

70-Yb-157



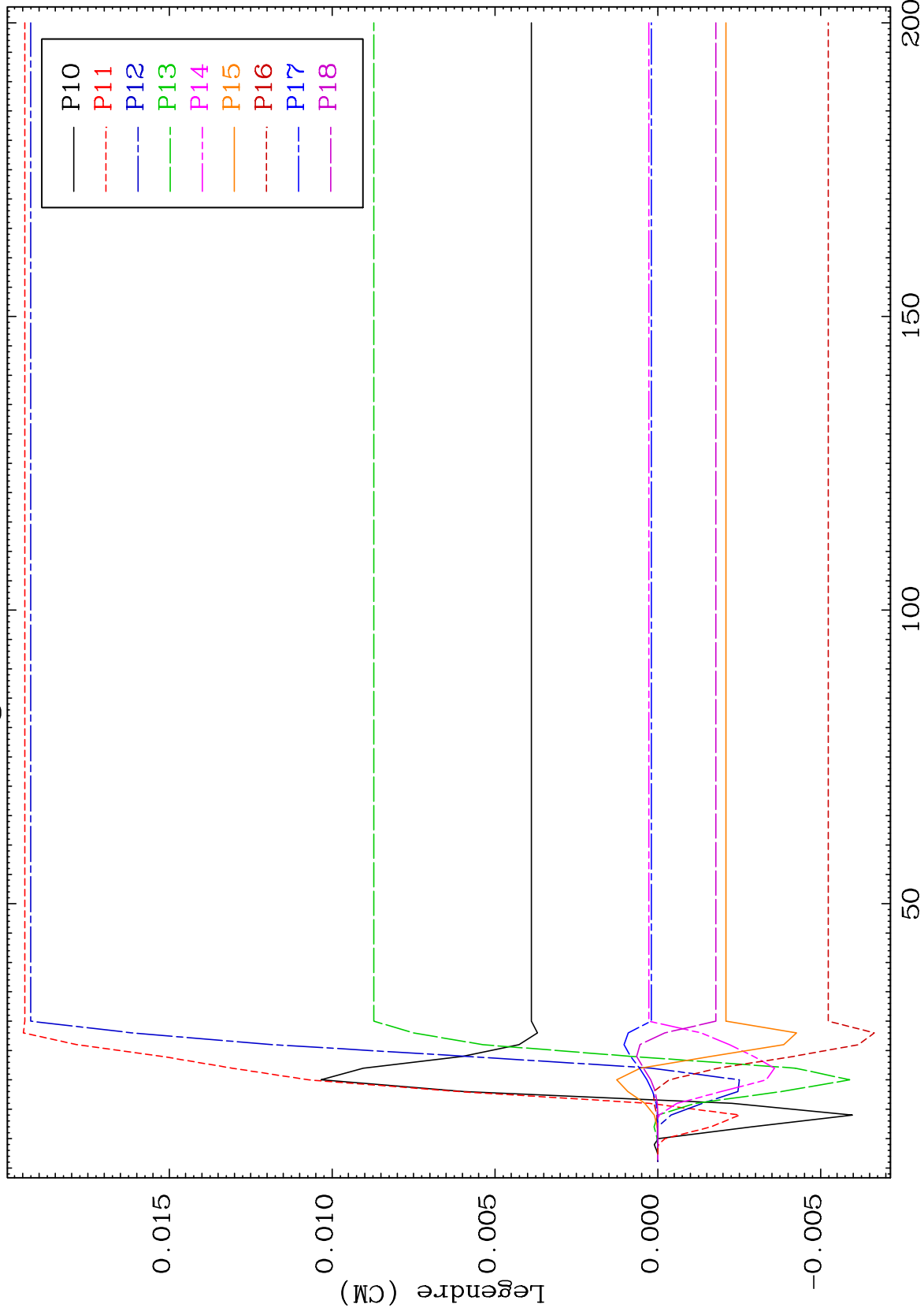
87

70-Yb-157

MAT 6992

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

70-Yb-157



88

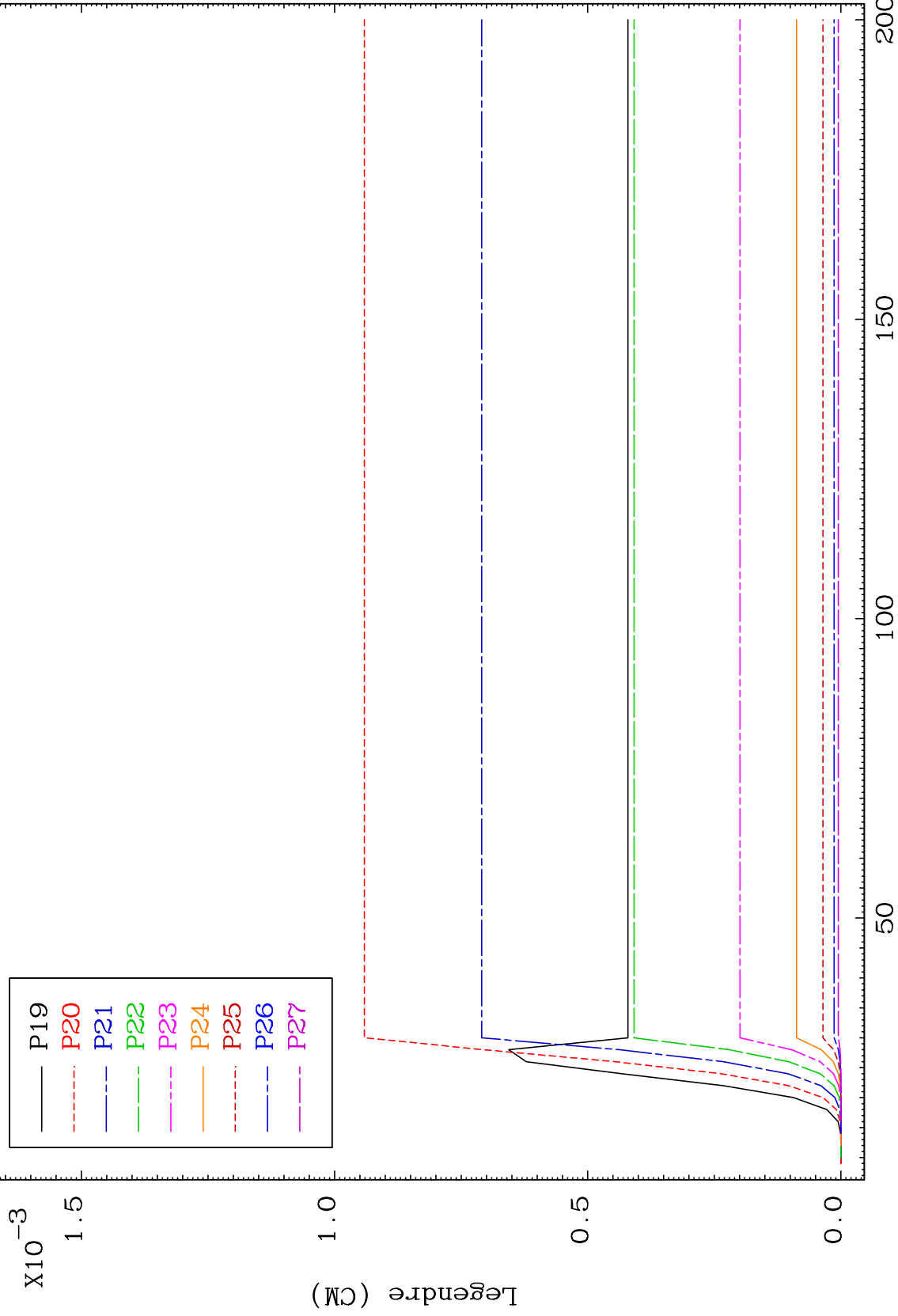
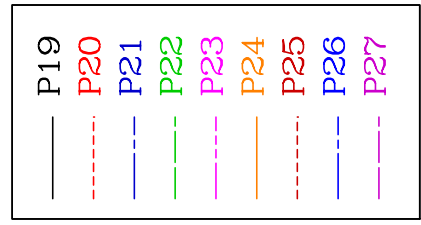
Incident Energy (MeV)

70-Yb-157

MAT 6992

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

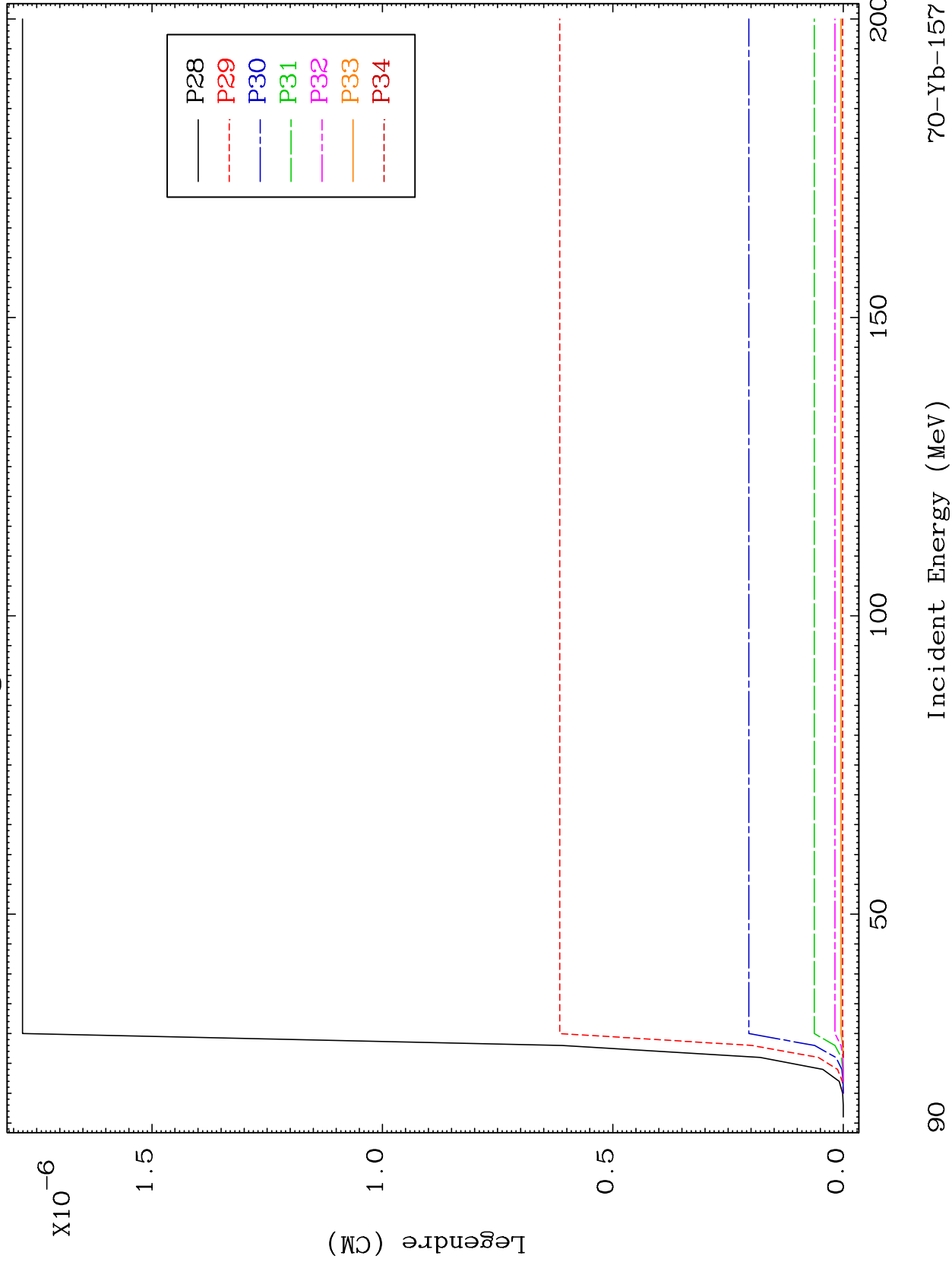
70-Yb-157



MAT 6992

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

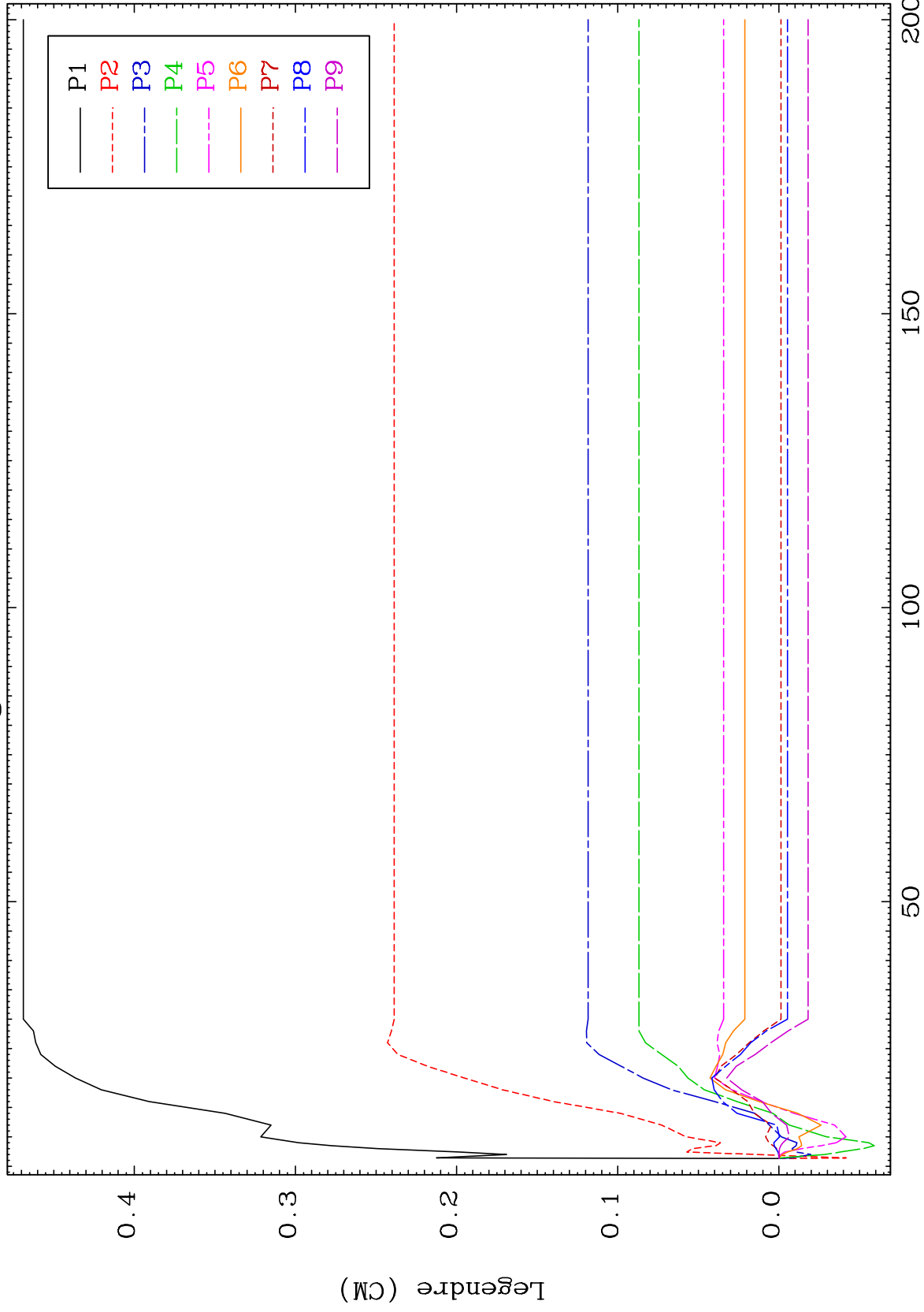
70-Yb-157



MAT 6992

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

70-Yb-157



91

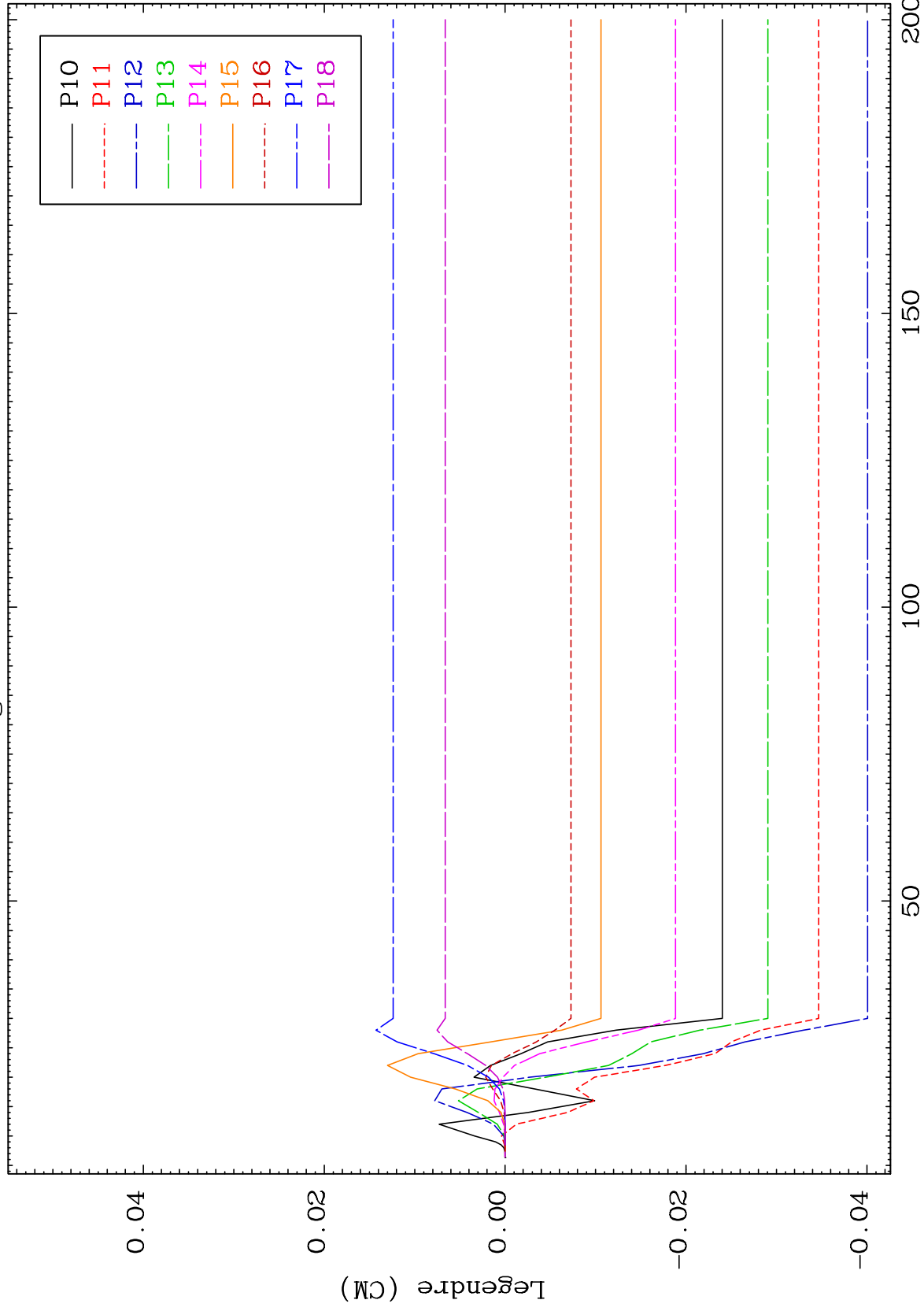
Incident Energy (MeV)

70-Yb-157

MAT 6992

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

70-Yb-157



92

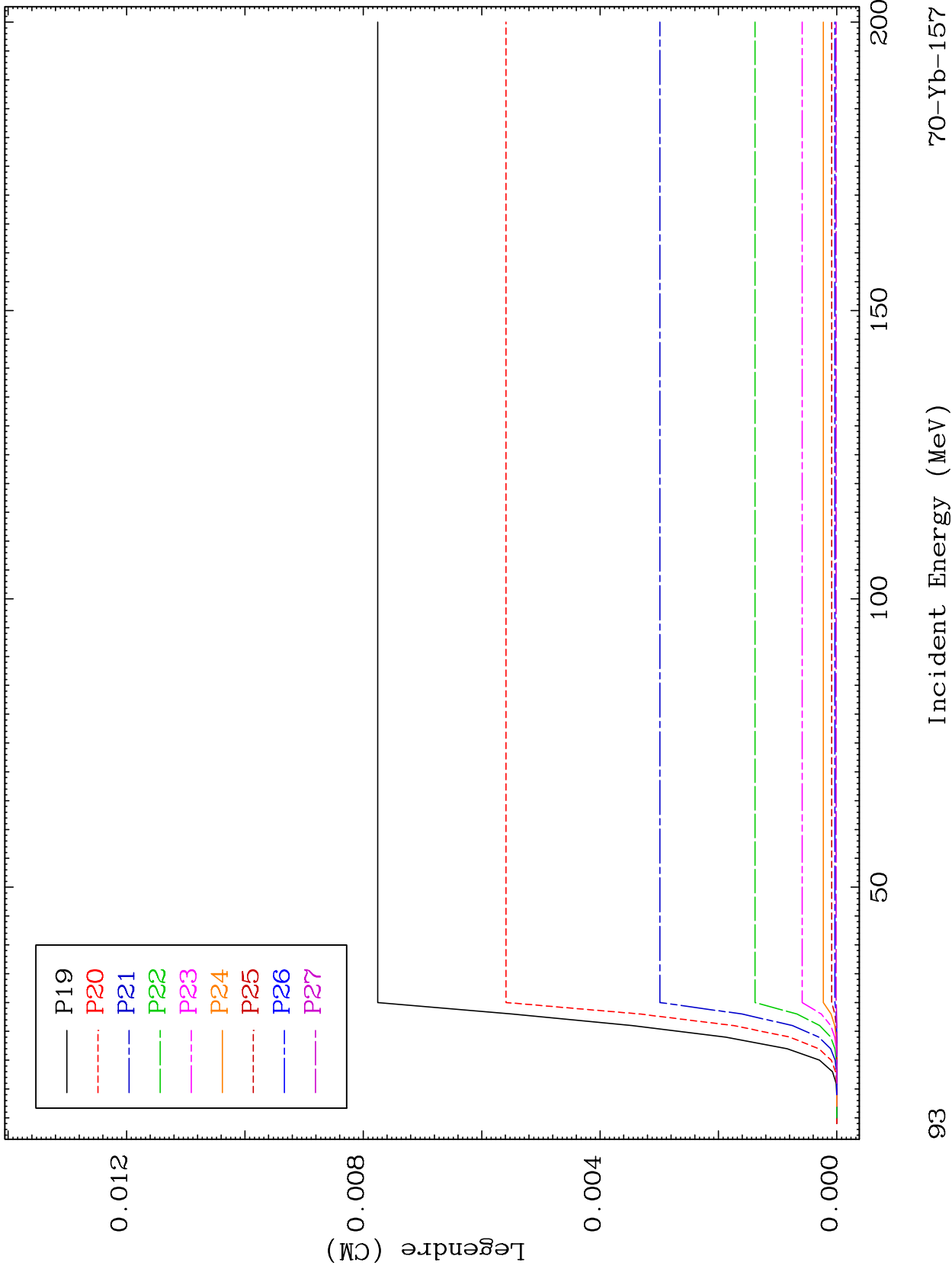
Incident Energy (MeV)

70-Yb-157

MAT 6992

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

70-Yb-157



93

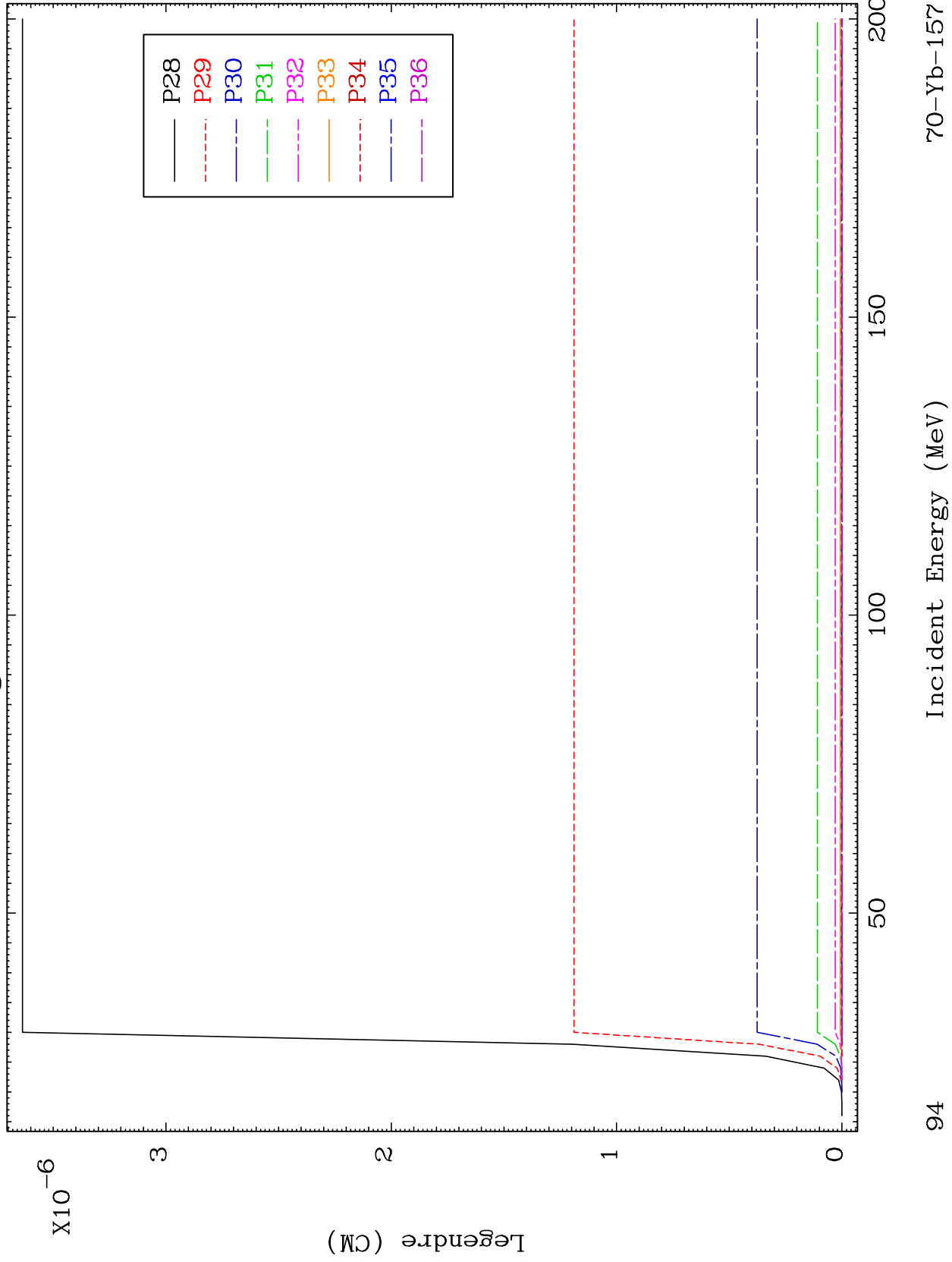
Incident Energy (MeV)

70-Yb-157

MAT 6992

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

70-Yb-157



94

Incident Energy (MeV)

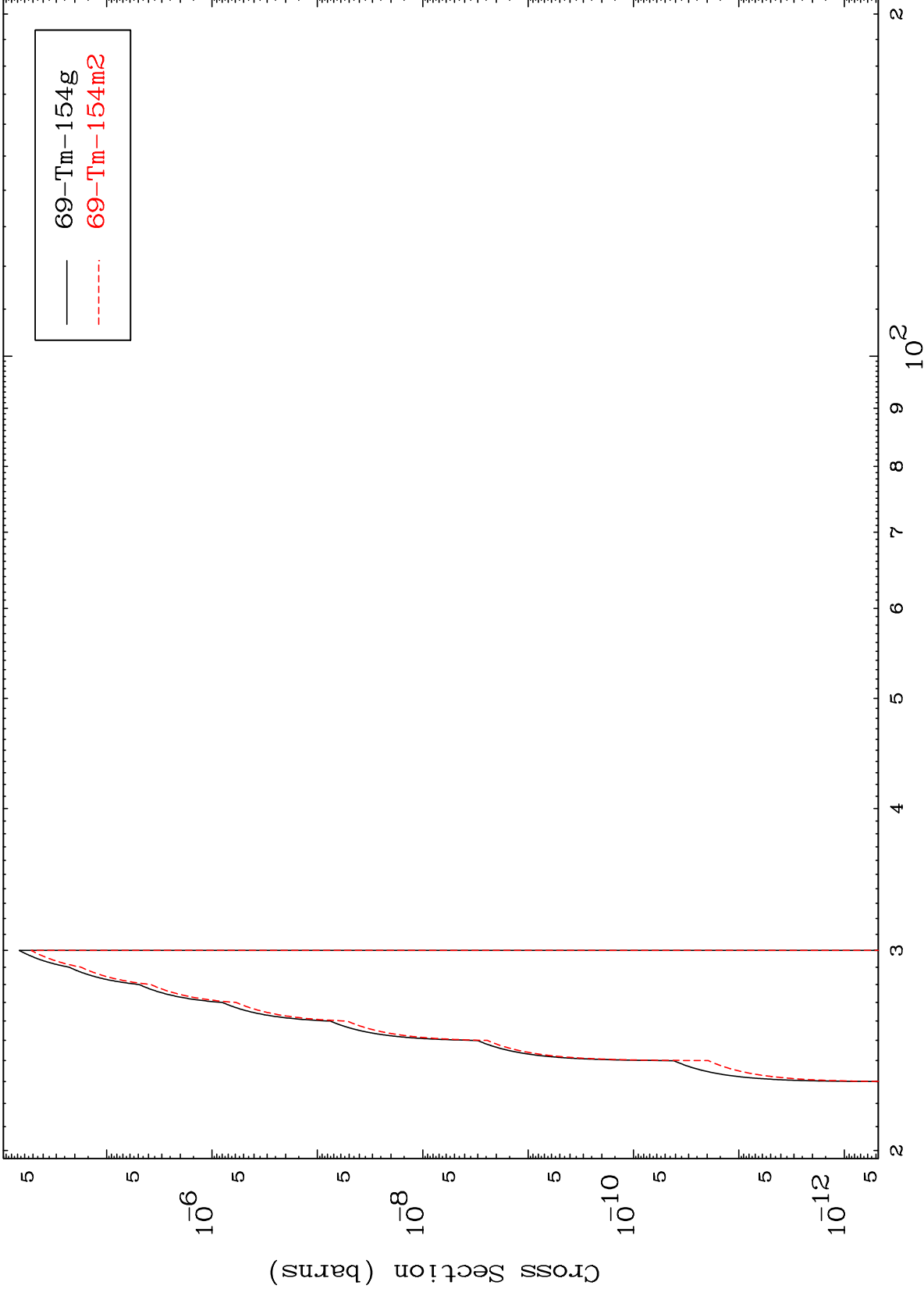
70-Yb-157

MAT 6992

(n,2n) d

70-Yb-157

Radionuclide Production Cross Section



95

Incident Energy (MeV)

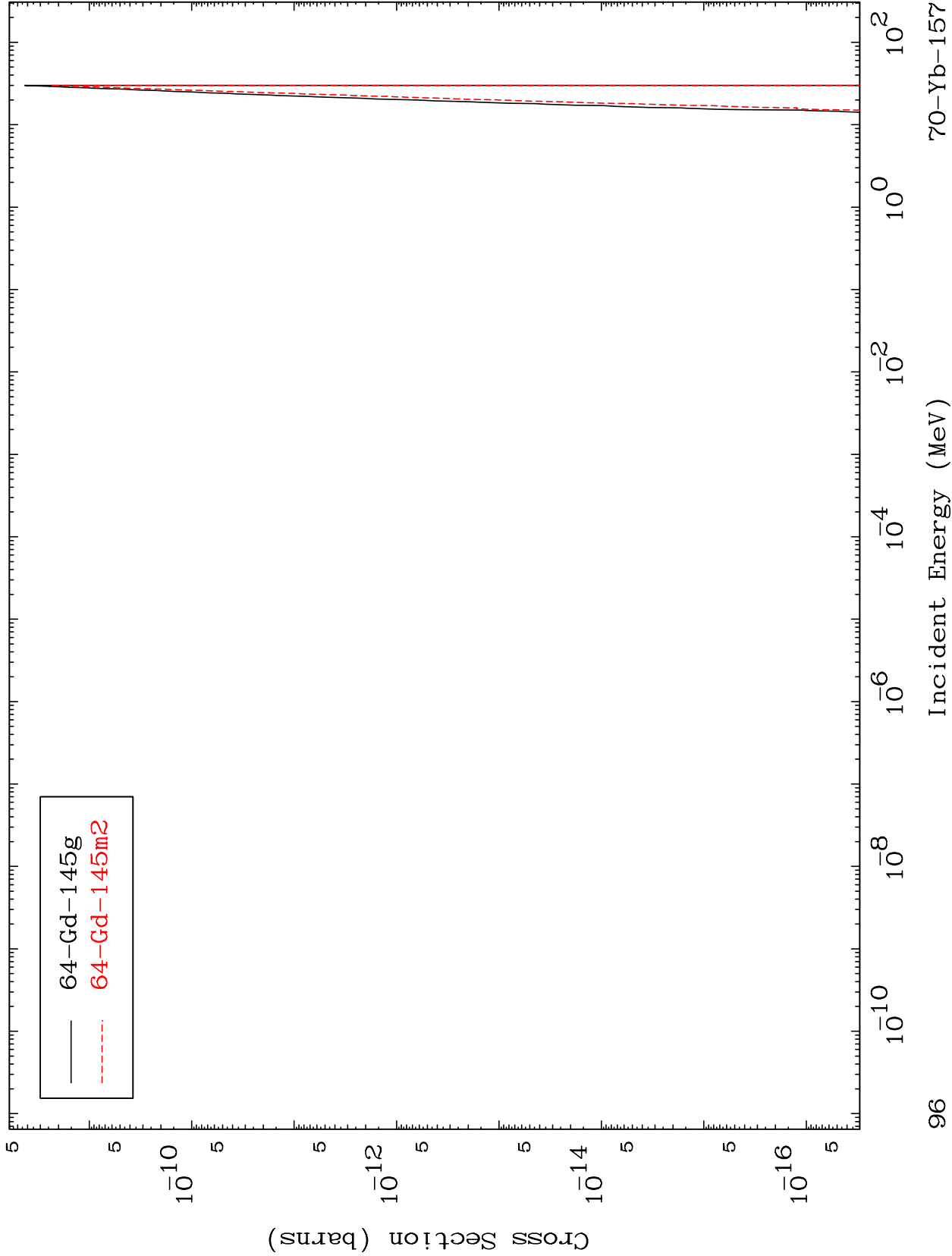
70-Yb-157

MAT 6992

(n,n') 3 α

70-Yb-157

Radionuclide Production Cross Section



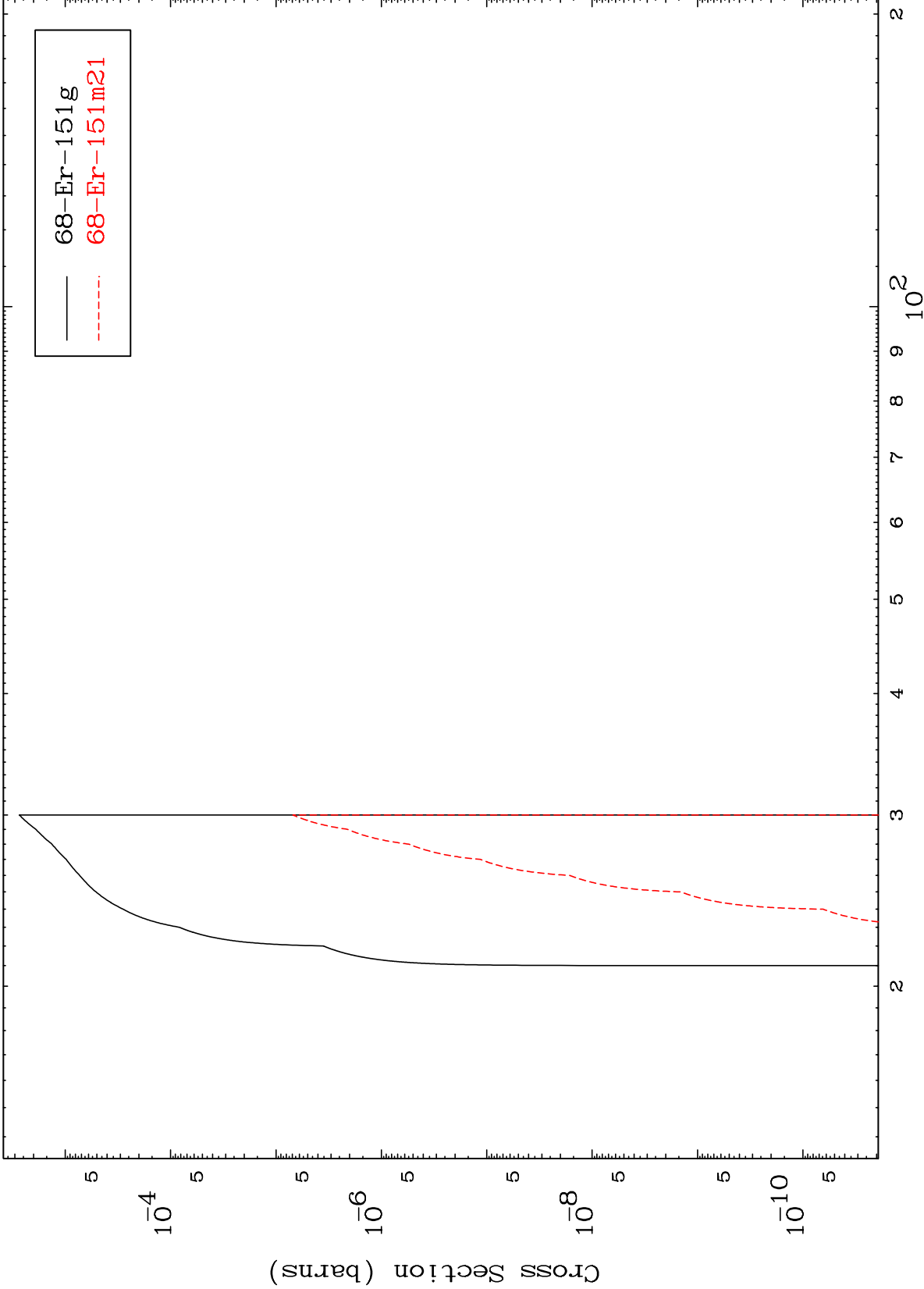
96

MAT 6992

(n,3n) α

70-Yb-157

Radionuclide Production Cross Section



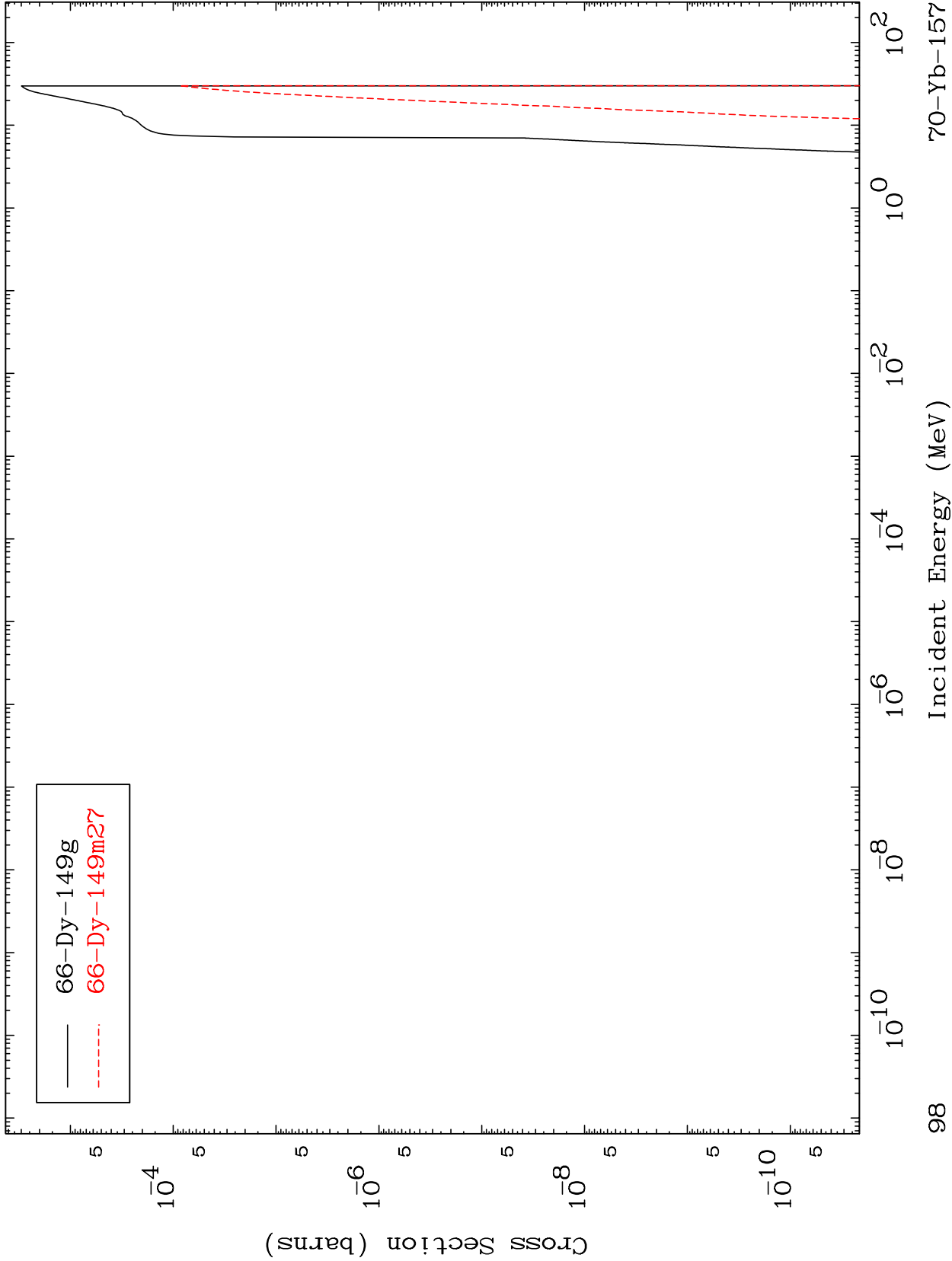
68-Er-151g
68-Er-151m21

MAT 6992

(n,n') 2 α

70-Yb-157

Radionuclide Production Cross Section

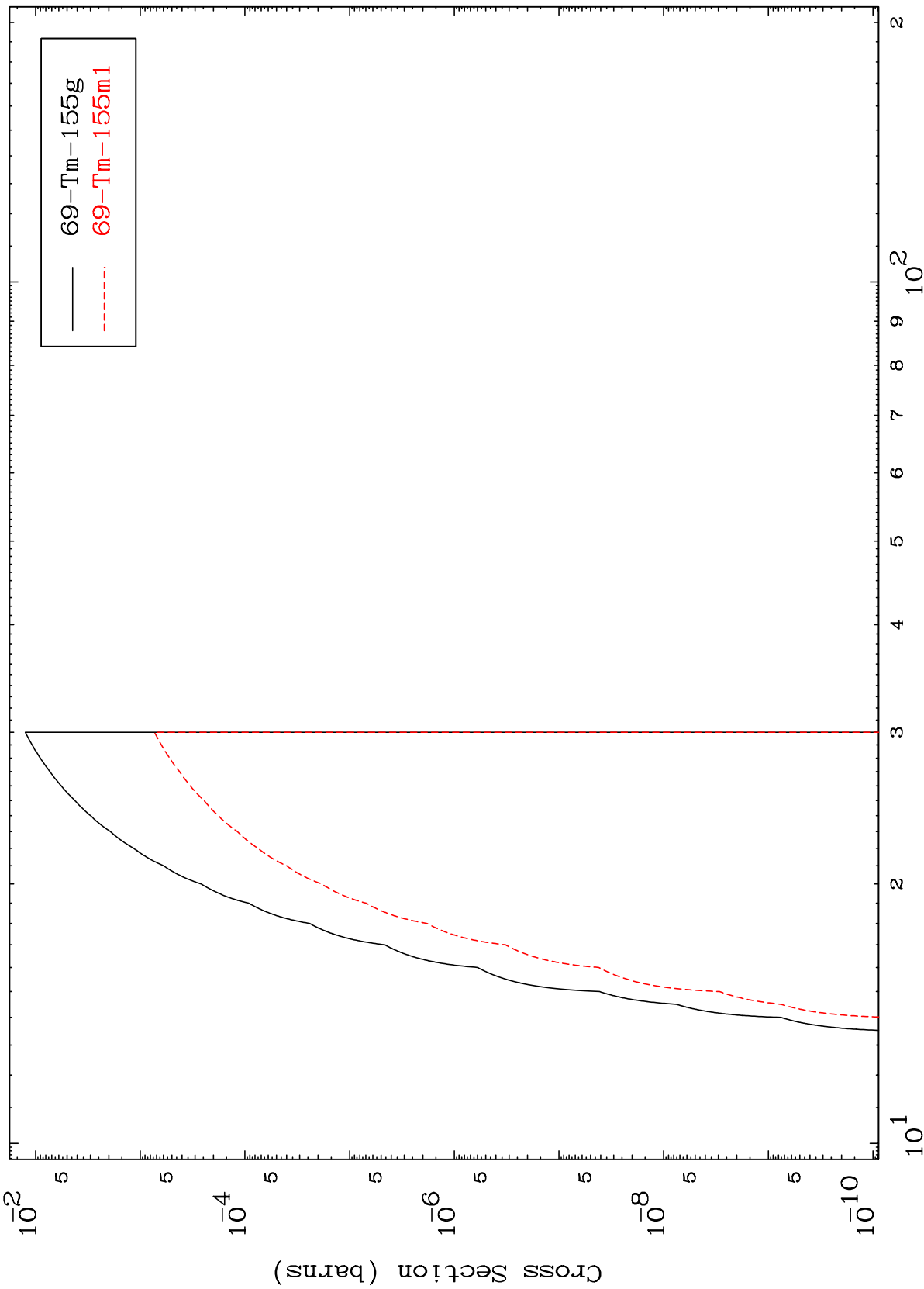


MAT 6992

(n,n') d

70-Yb-157

Radionuclide Production Cross Section



Incident Energy (MeV)

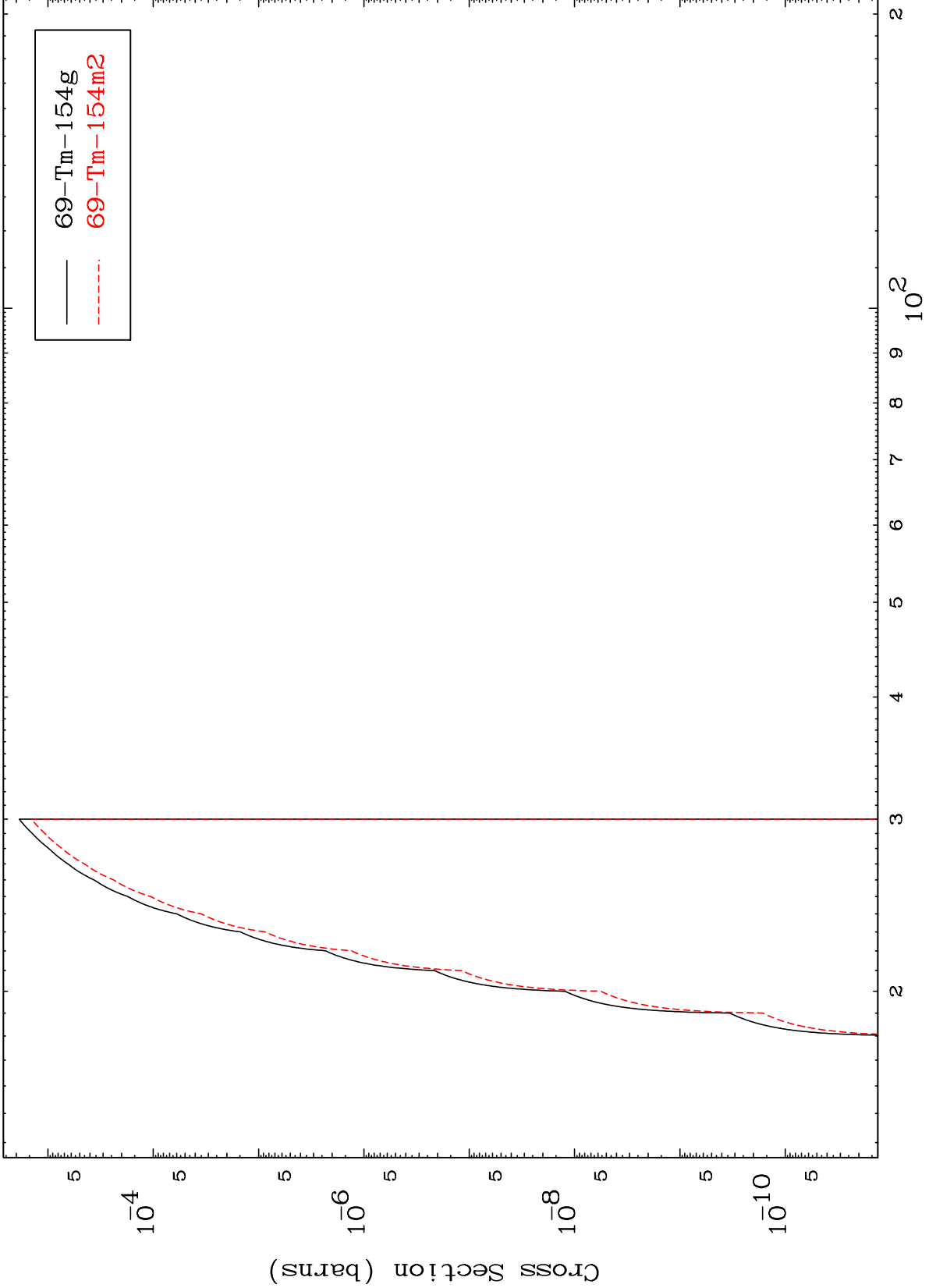
70-Yb-157

MAT 6992

(n,n') t

70-Yb-157

Radionuclide Production Cross Section



100

Incident Energy (MeV)

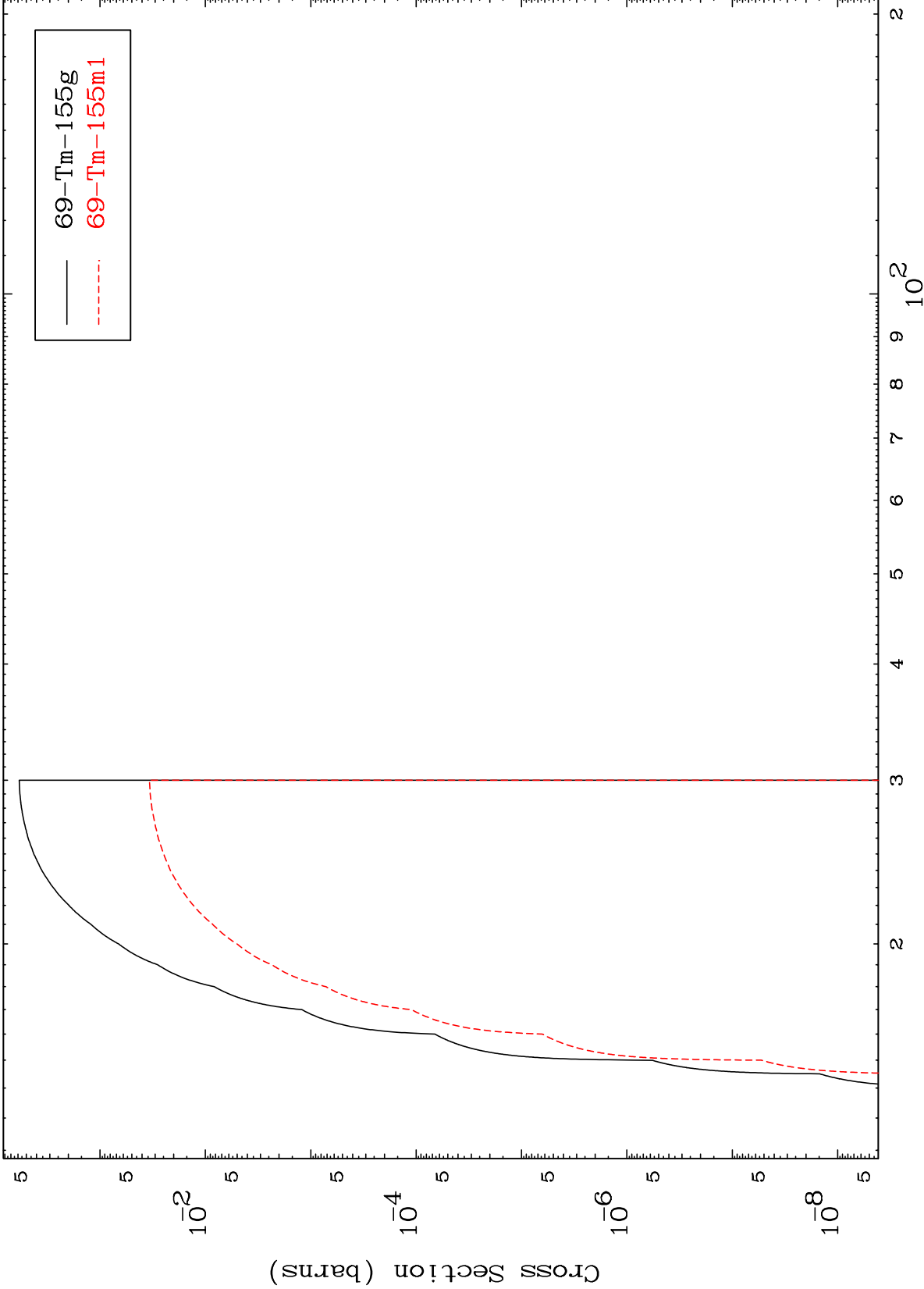
70-Yb-157

MAT 6992

(n,2n) p

70-Yb-157

Radionuclide Production Cross Section

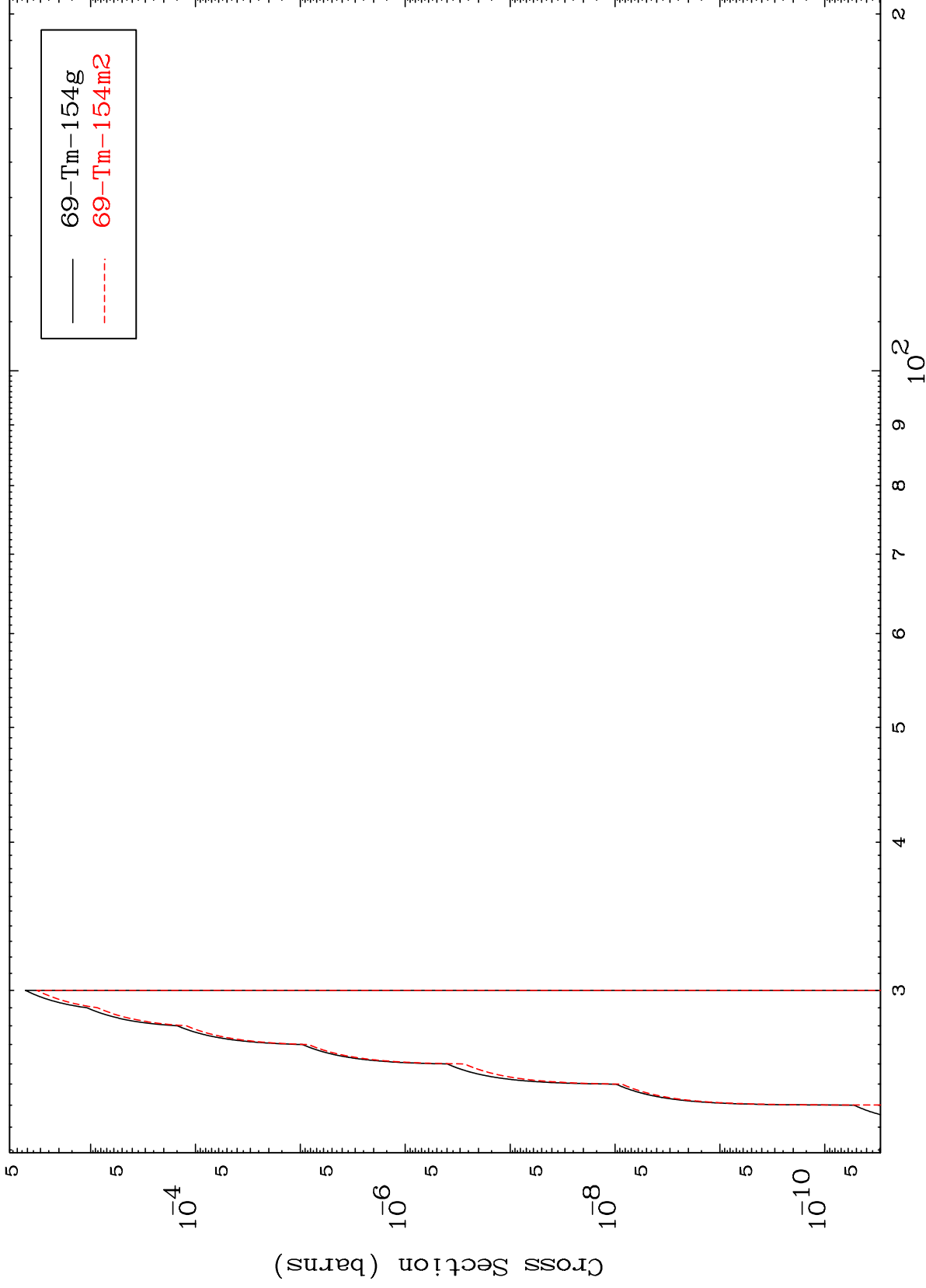


101

Incident Energy (MeV)

70-Yb-157

Radionuclide Production Cross Section

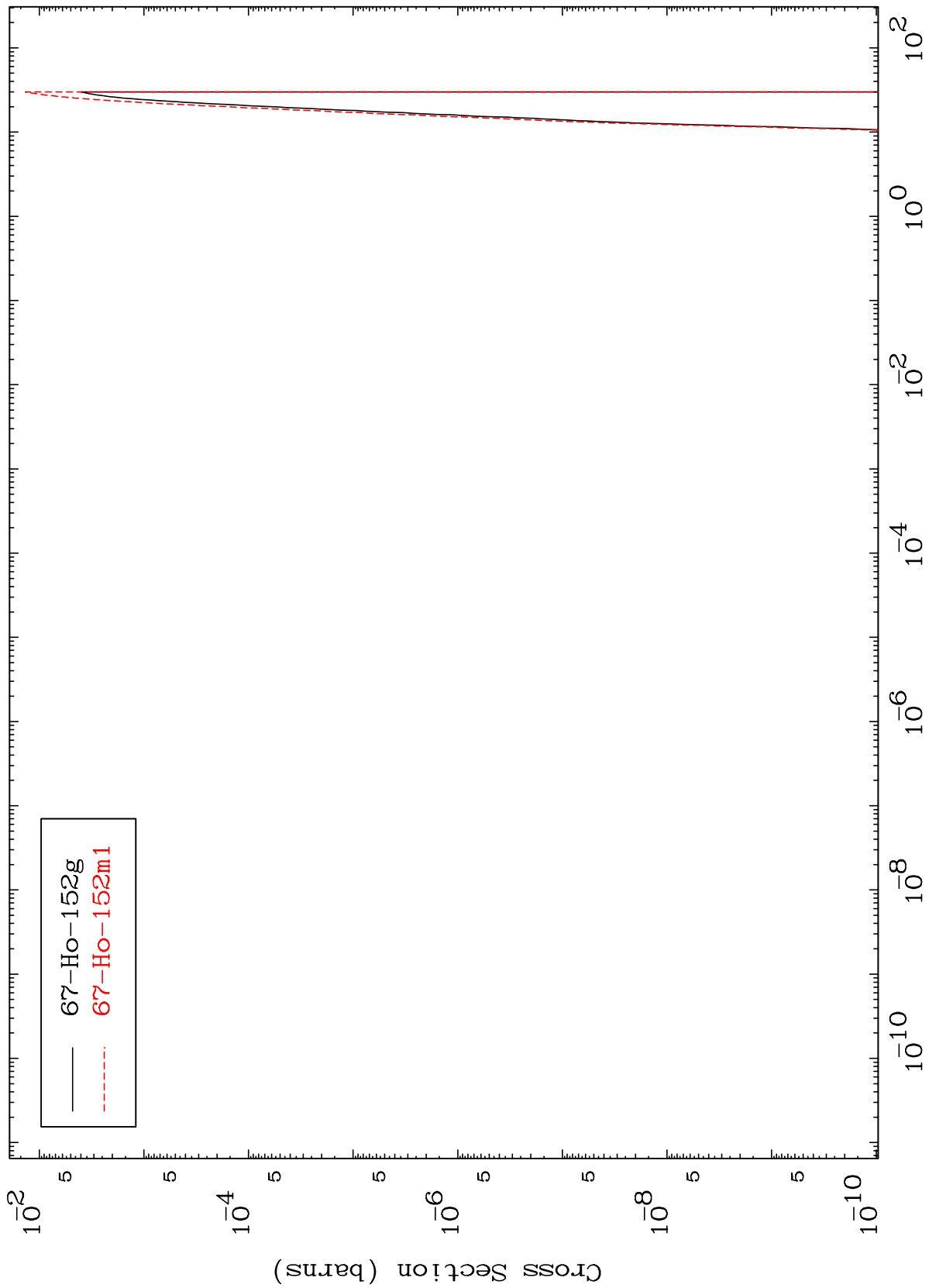


MAT 6992

(n,n') p α

70-Yb-157

Radionuclide Production Cross Section

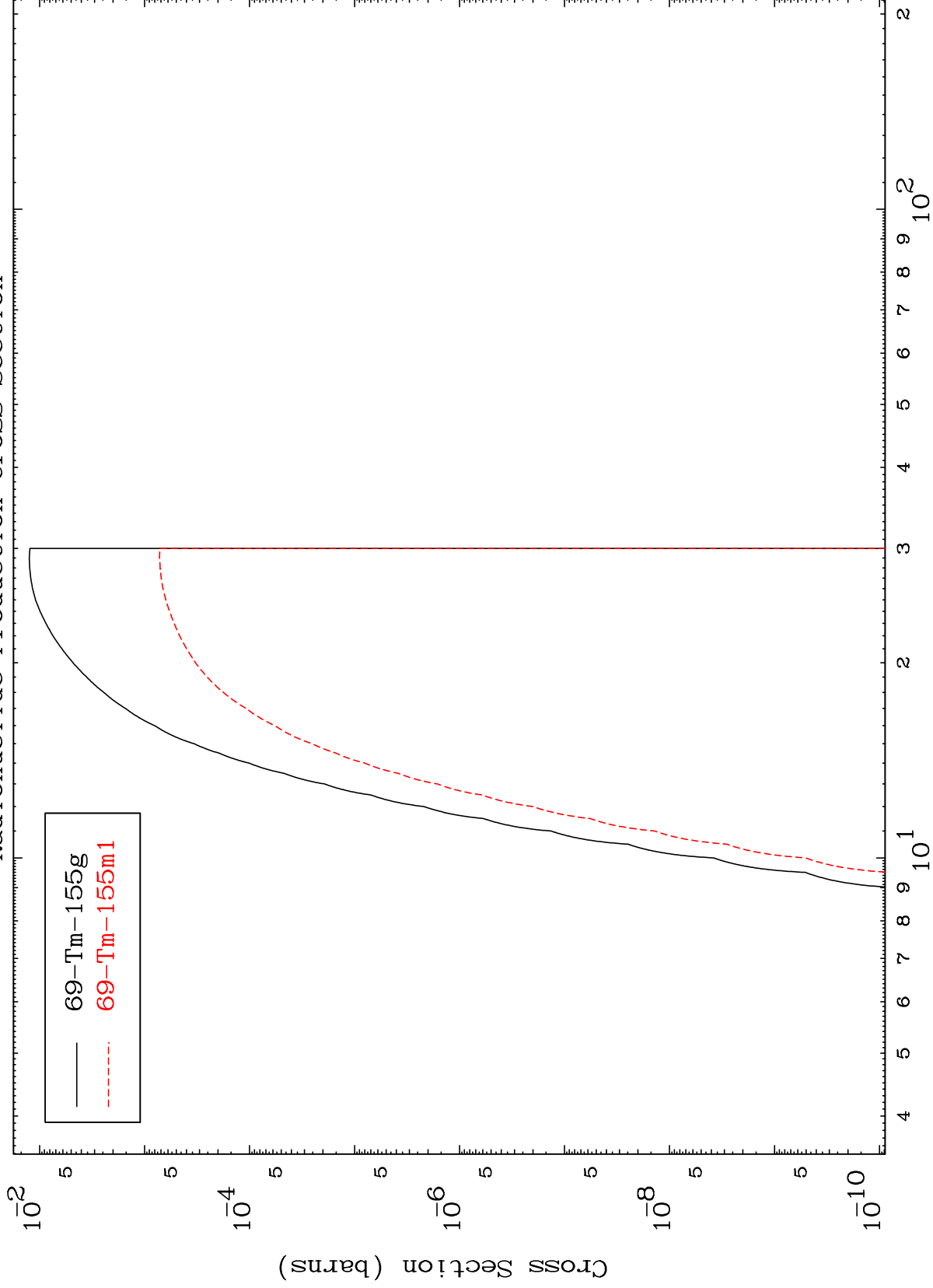


— 67-Ho-152g
- - - 67-Ho-152m1

MAT 6992

70-Yb-157

(n, t)
Radionuclide Production Cross Section



104

Incident Energy (MeV)

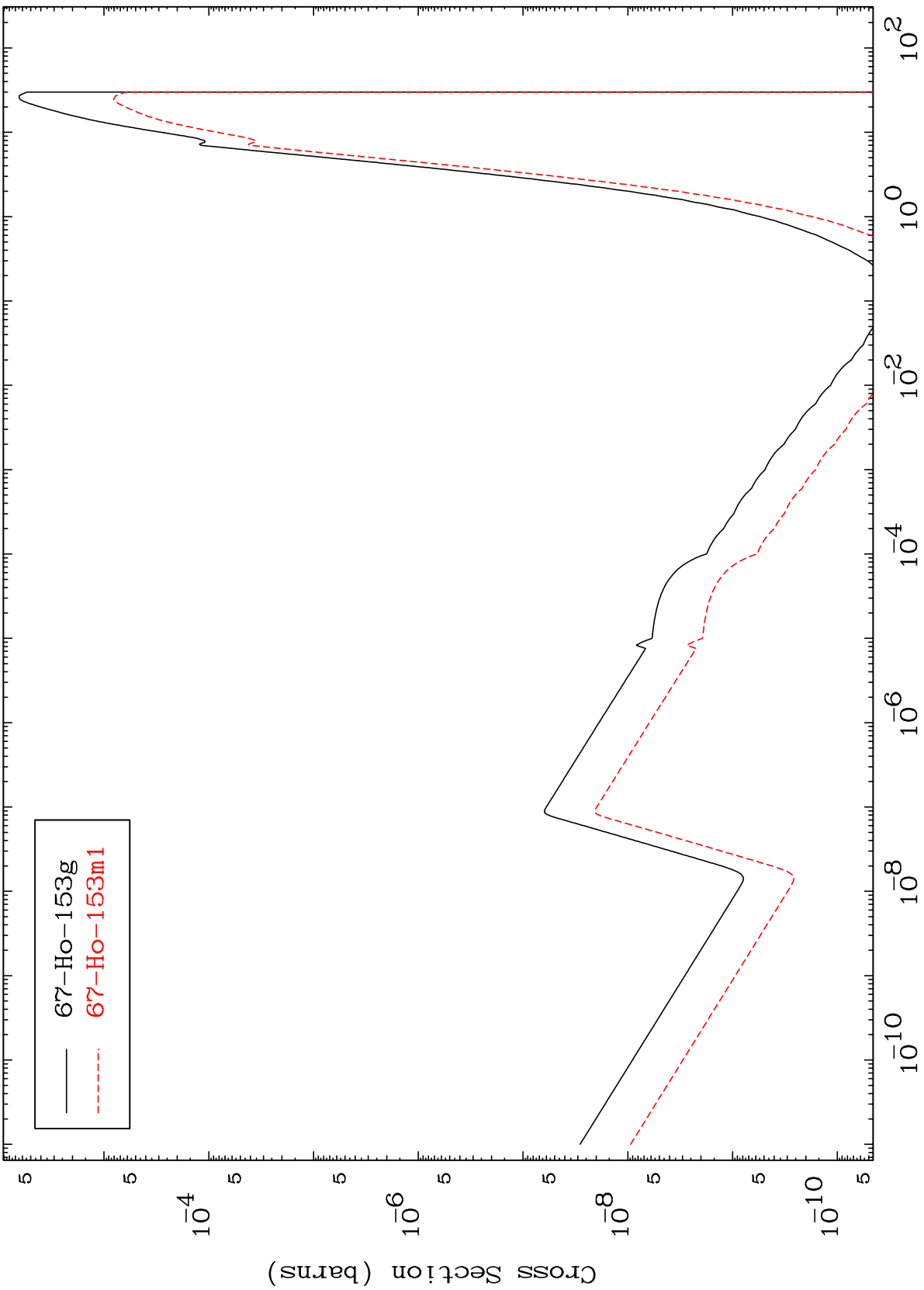
70-Yb-157

MAT 6992

(n,p) α

70-Yb-157

Radionuclide Production Cross Section



105

Incident Energy (MeV)

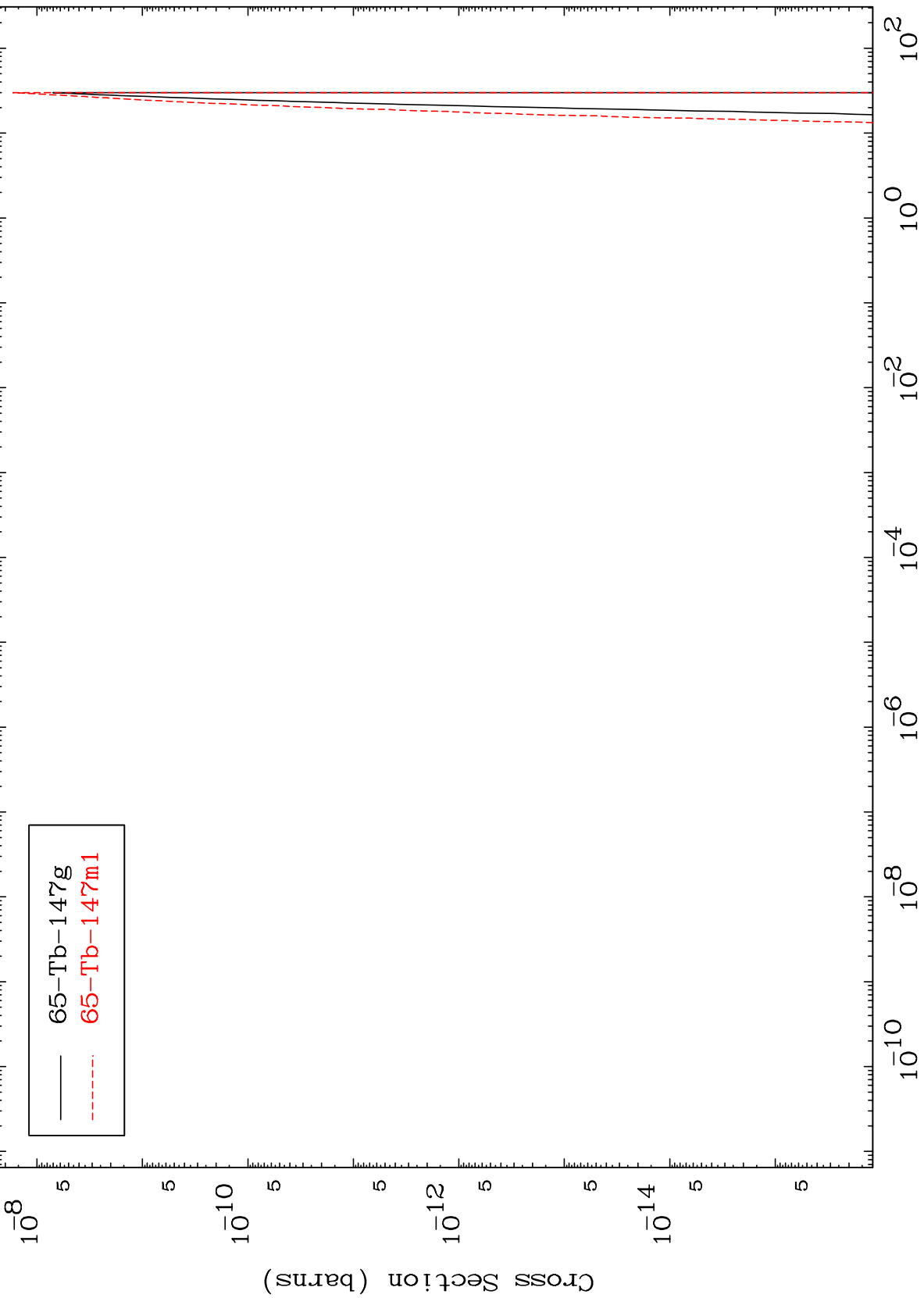
70-Yb-157

MAT 6992

(n,t) 2 α

70-Yb-157

Radionuclide Production Cross Section



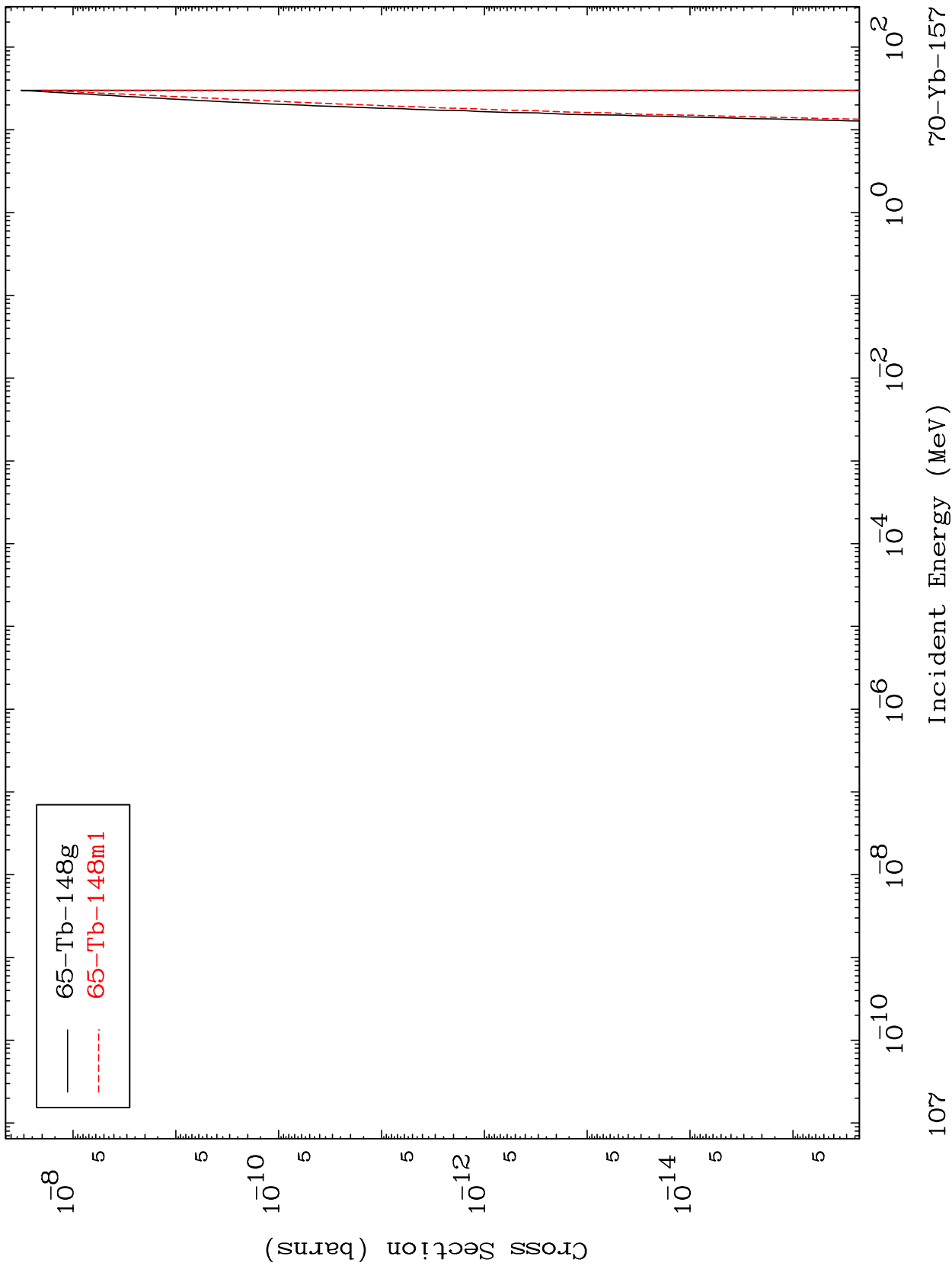
65-Tb-147g
65-Tb-147m1

MAT 6992

(n,d) 2 α

70-Yb-157

Radionuclide Production Cross Section



MAT 6992

(n,d) α

70-Yb-157

