

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

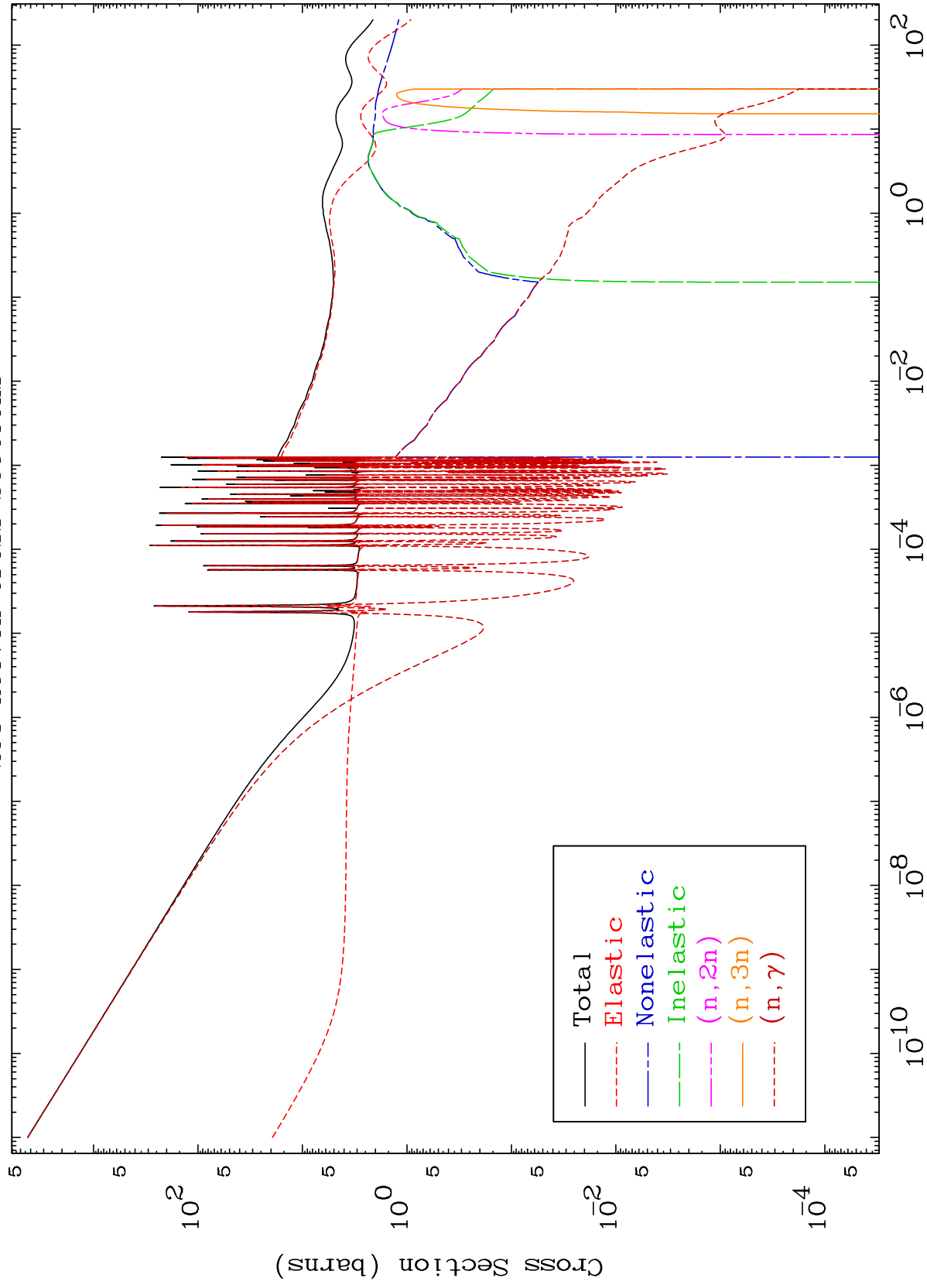
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

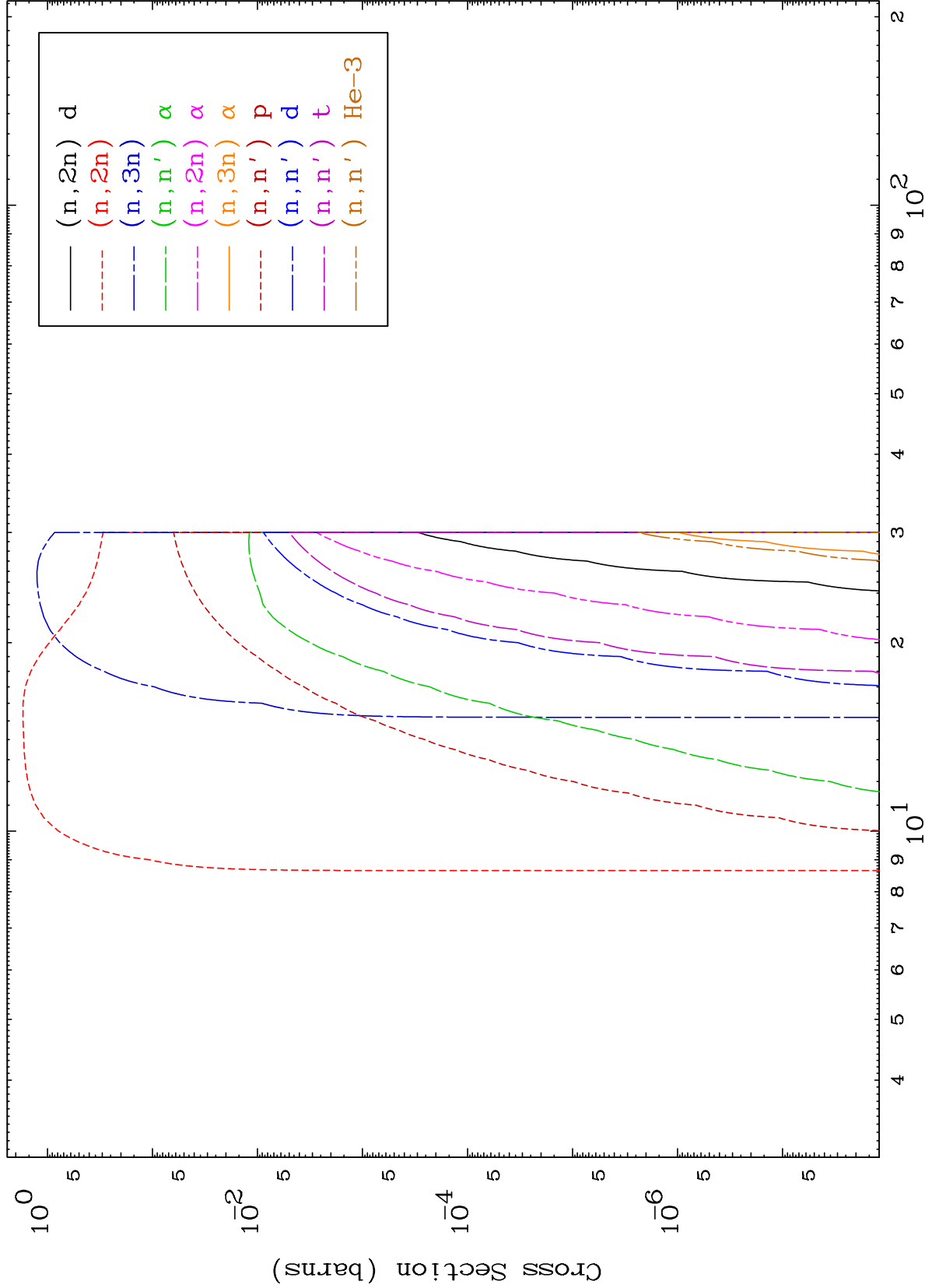
Press Mouse Button to Start

MAT 5337

Neutron Major
293 Kelvin Cross Sections

53-I -131

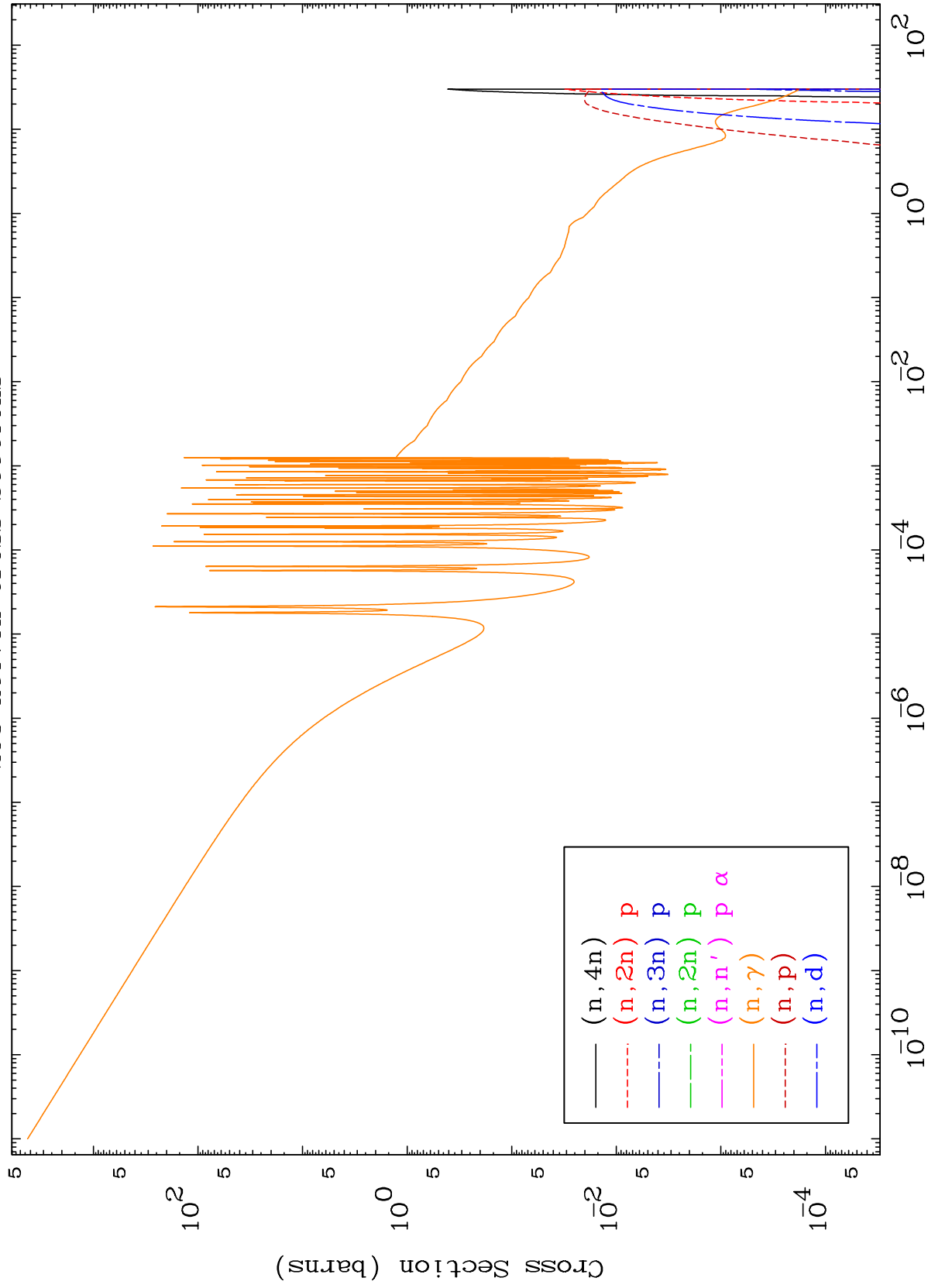


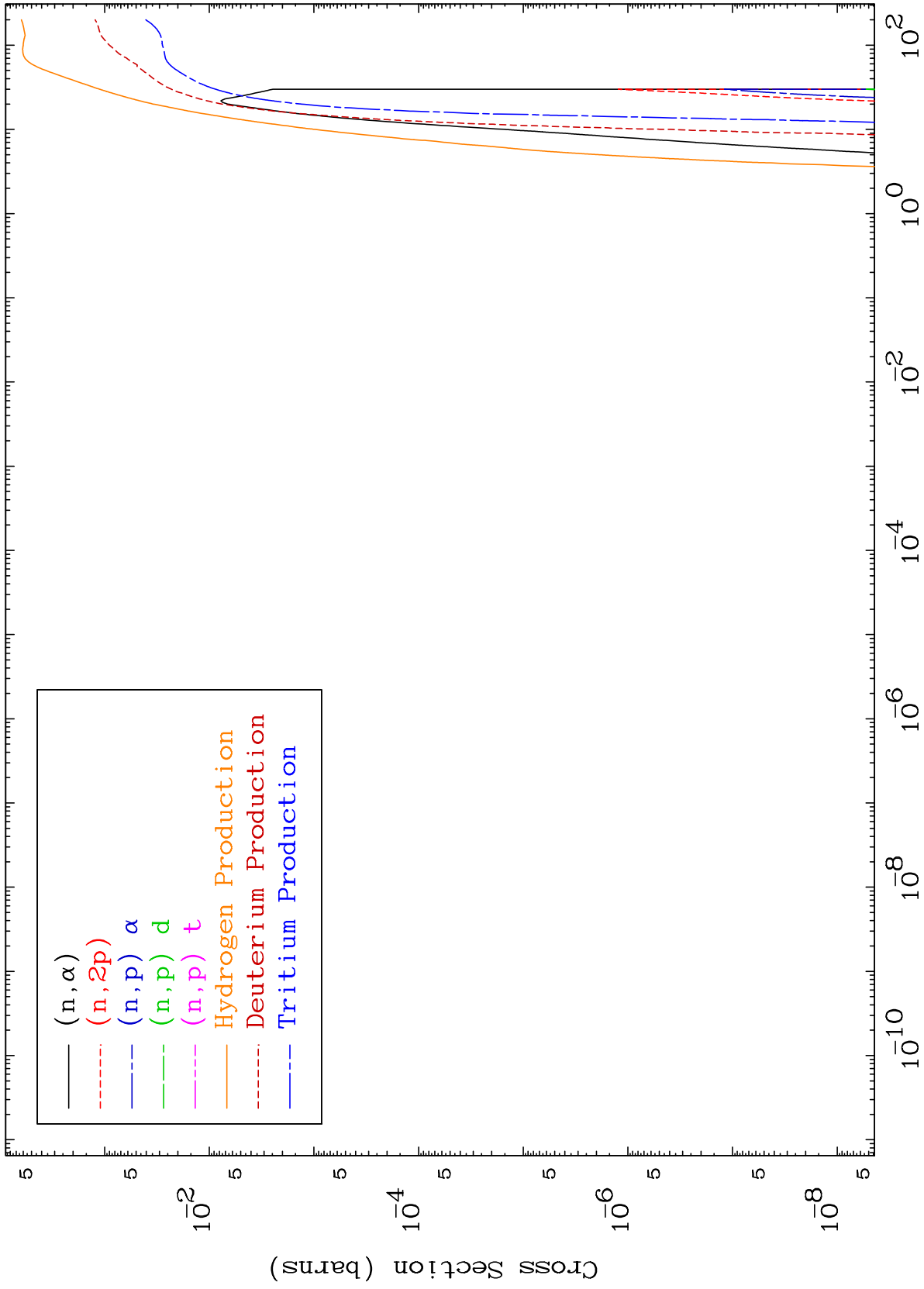


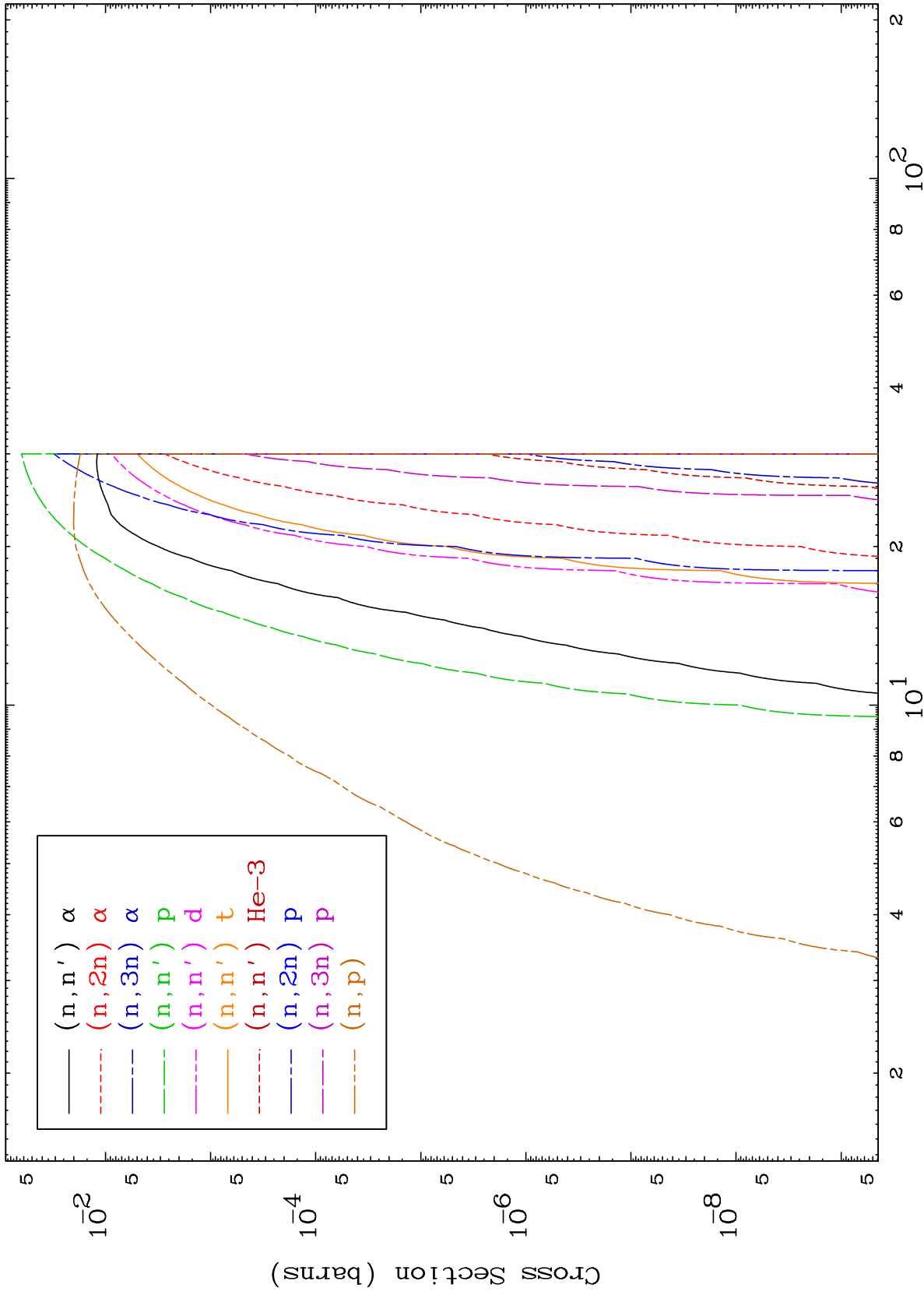
MAT 5337

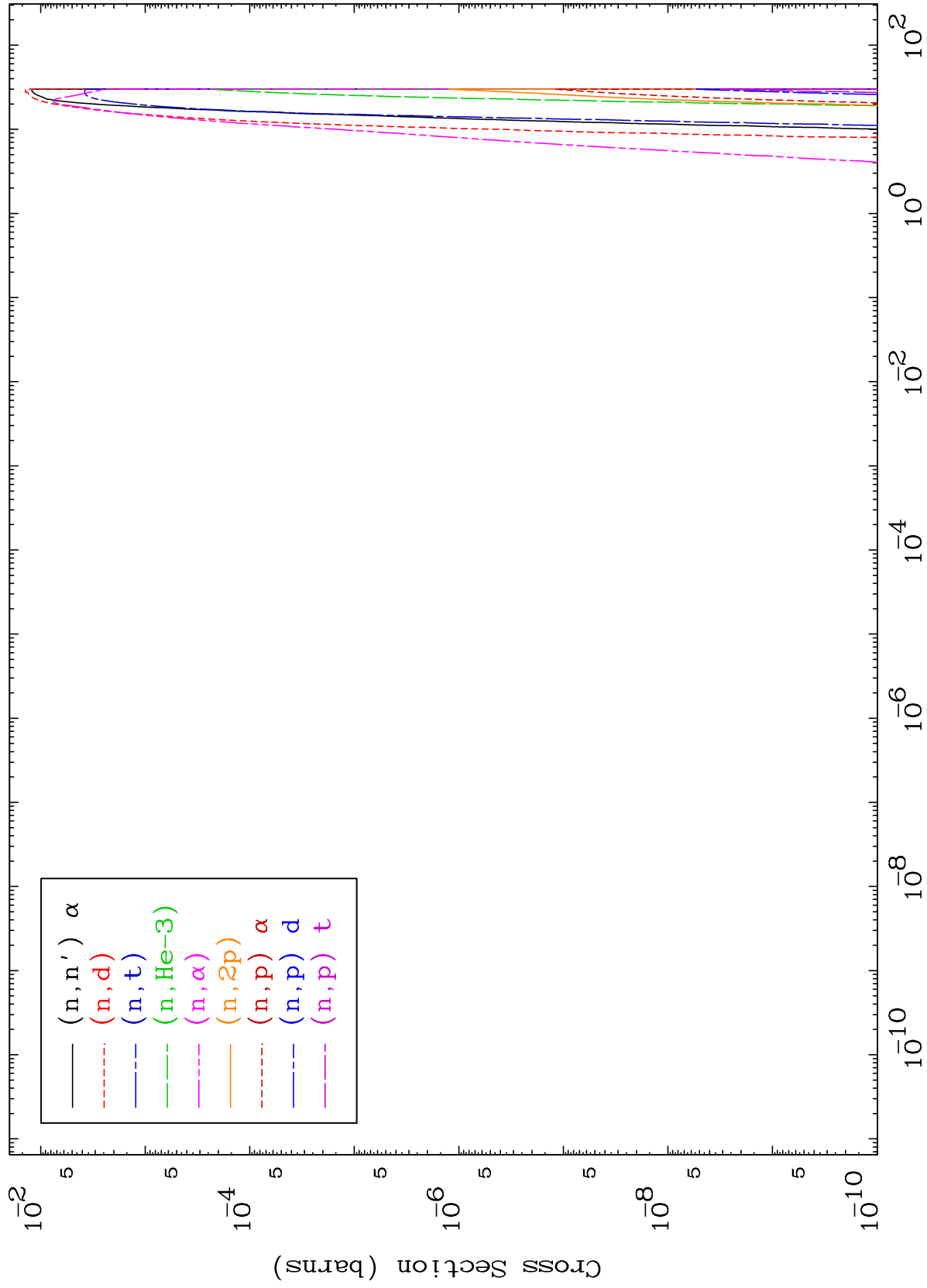
Neutron Absorption
293 Kelvin Cross Sections

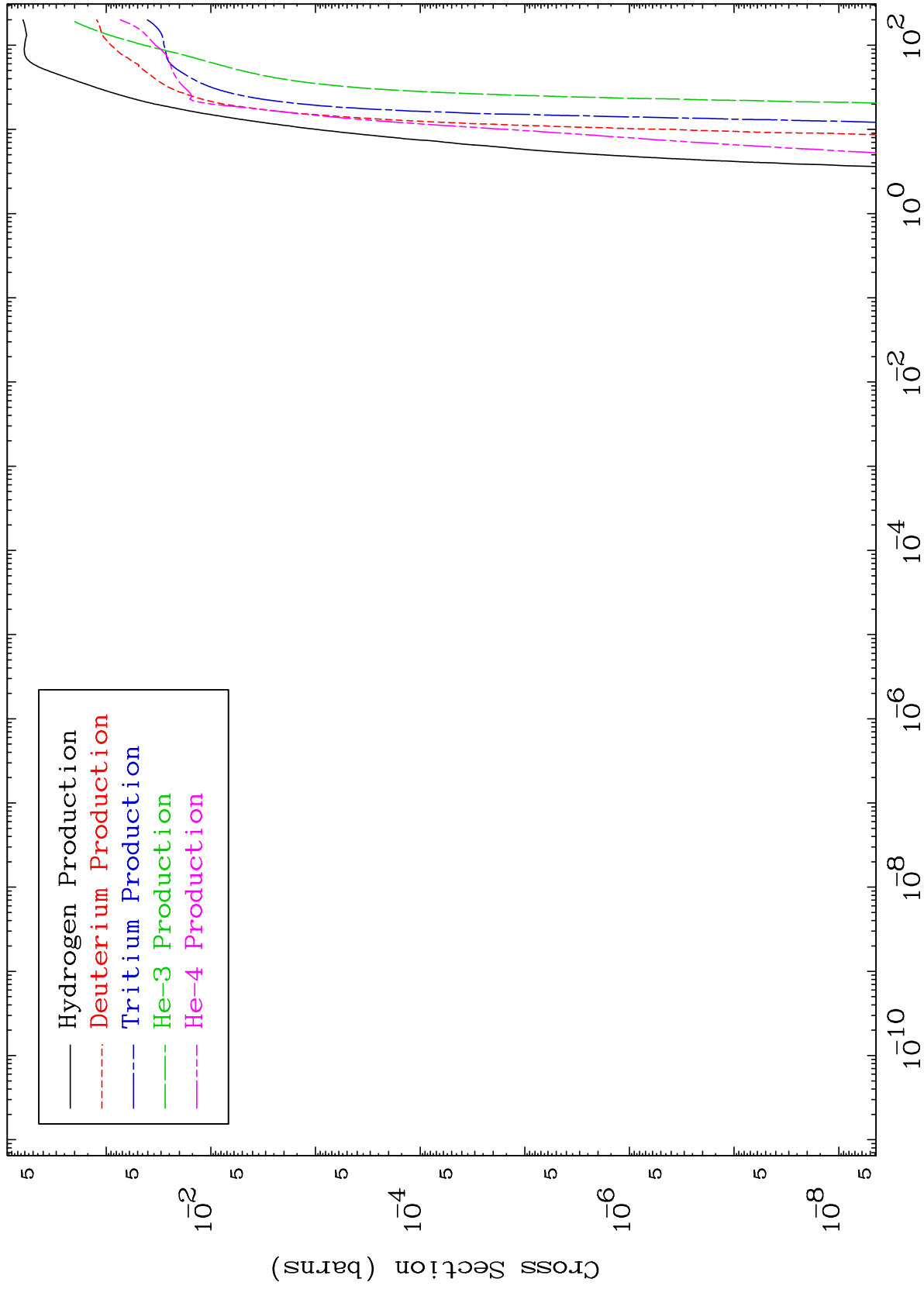
53-I -131

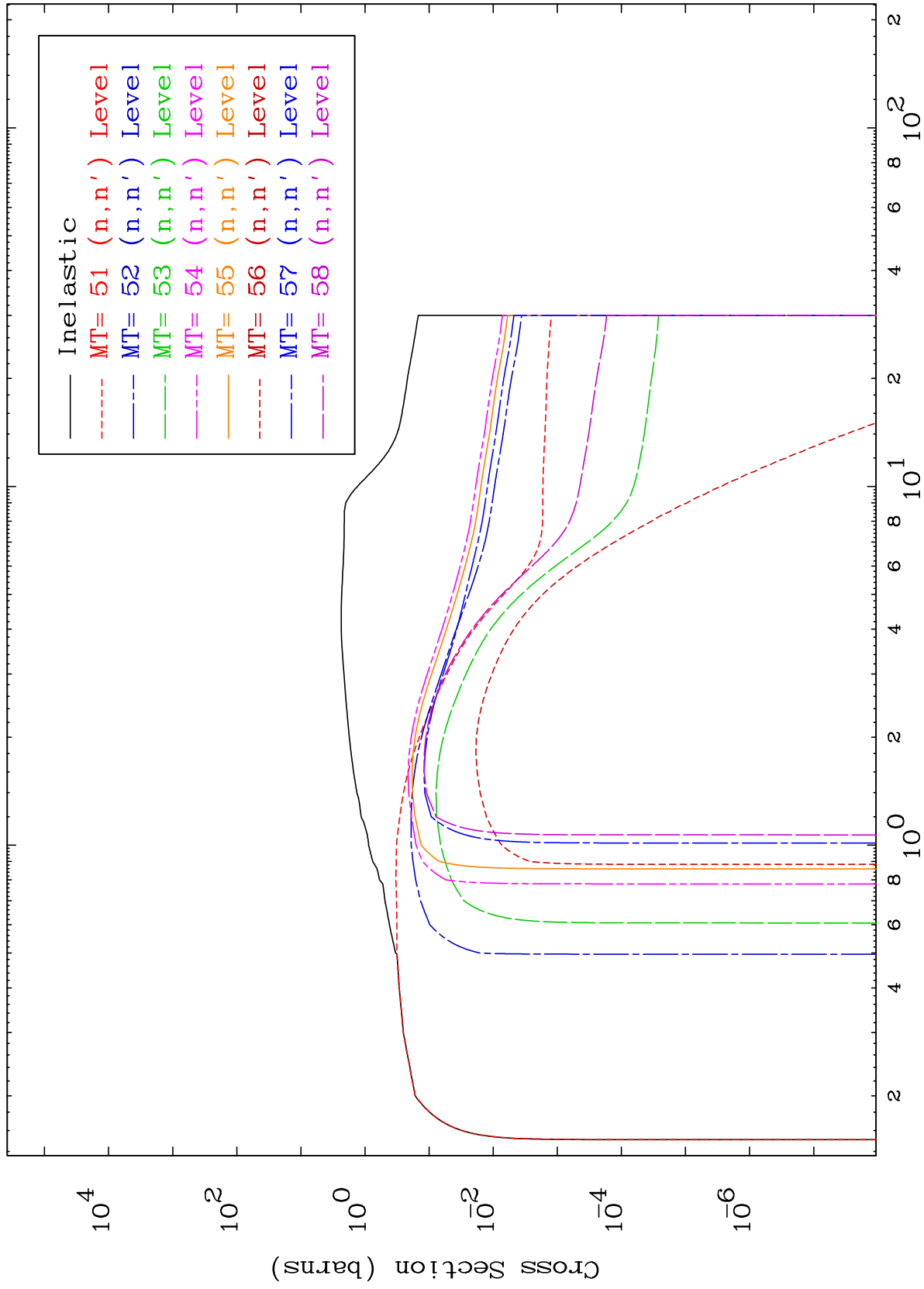


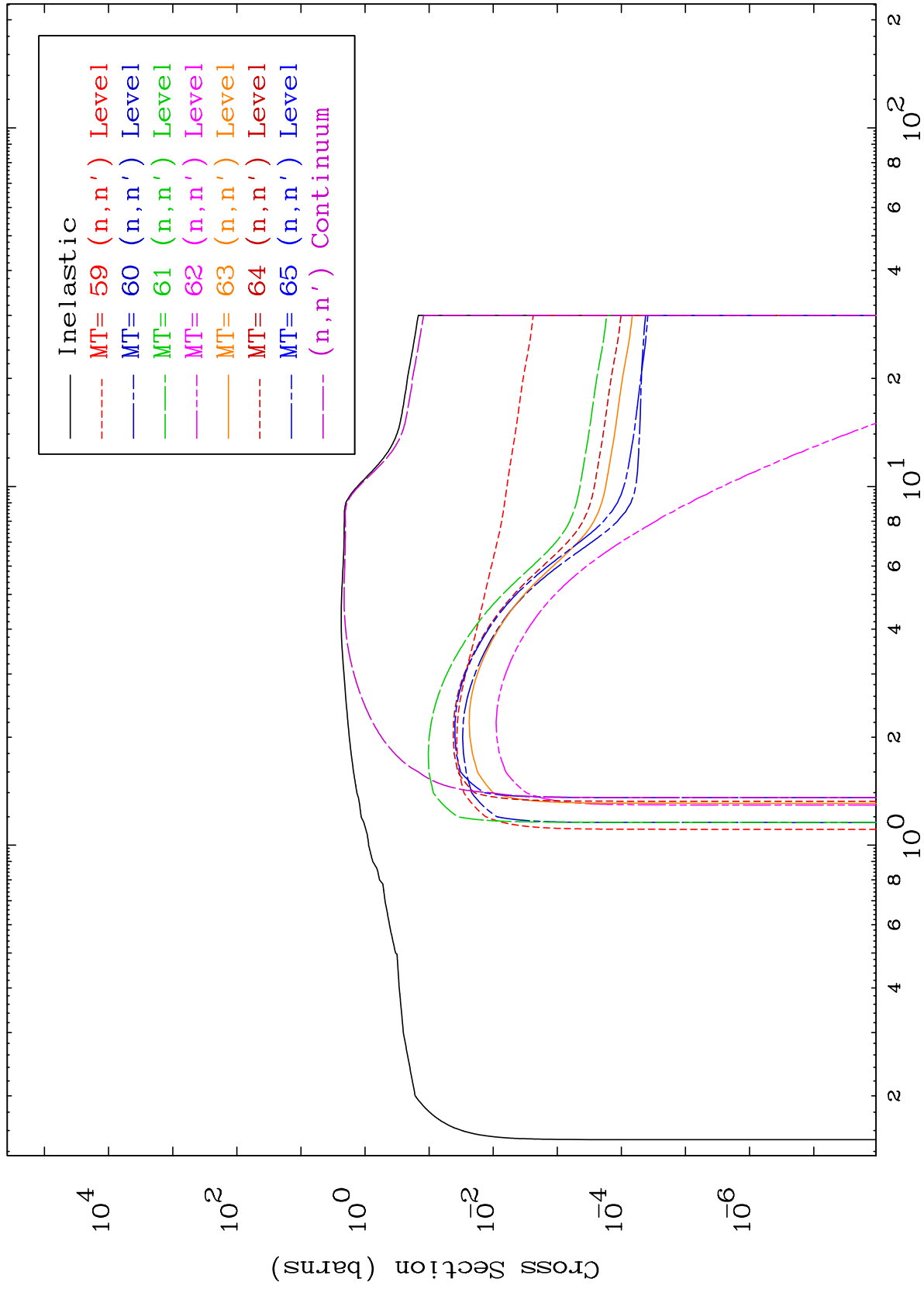








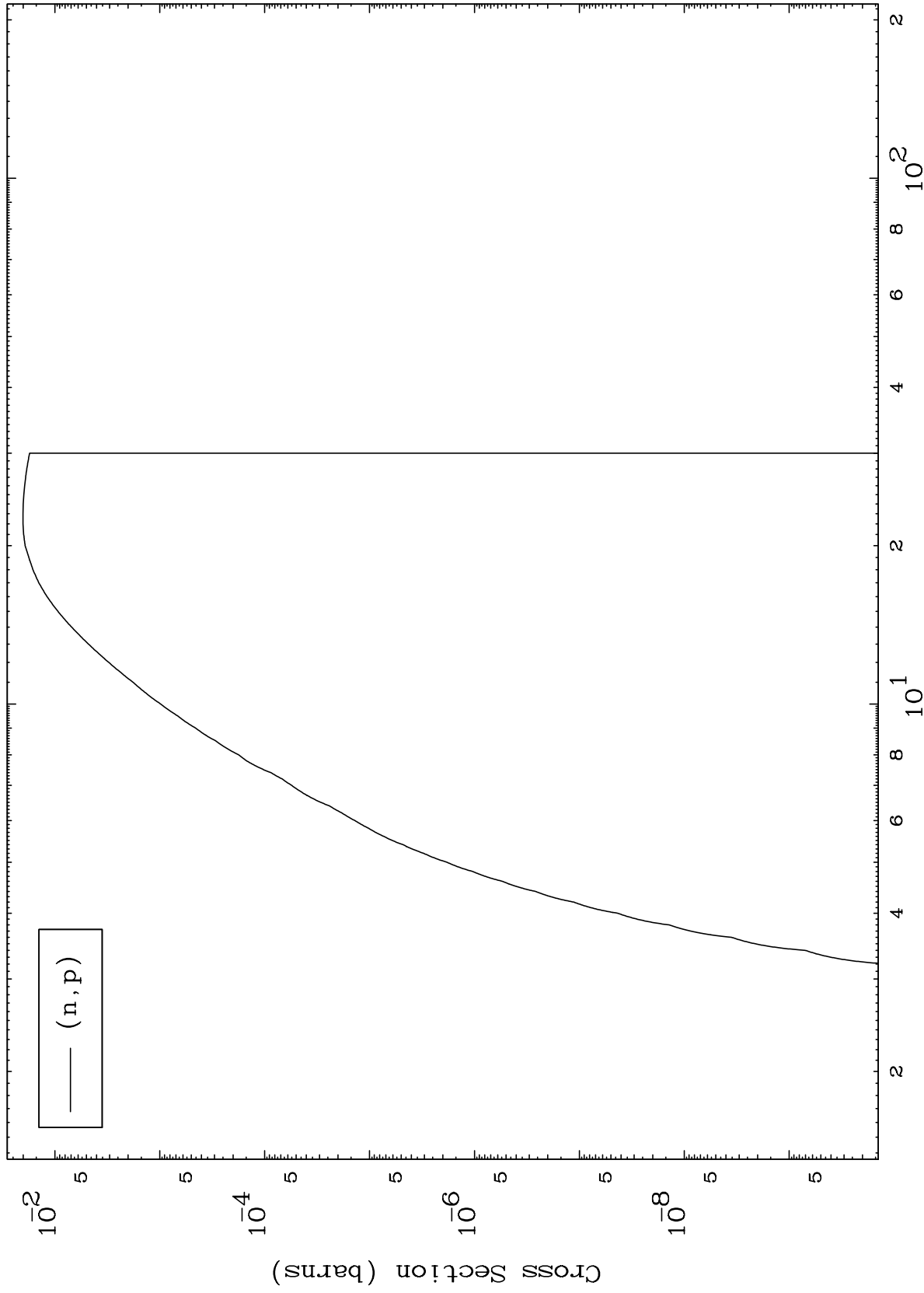




MAT 5337

(n,p) Levels
293 Kelvin Cross Sections

53-I -131



10

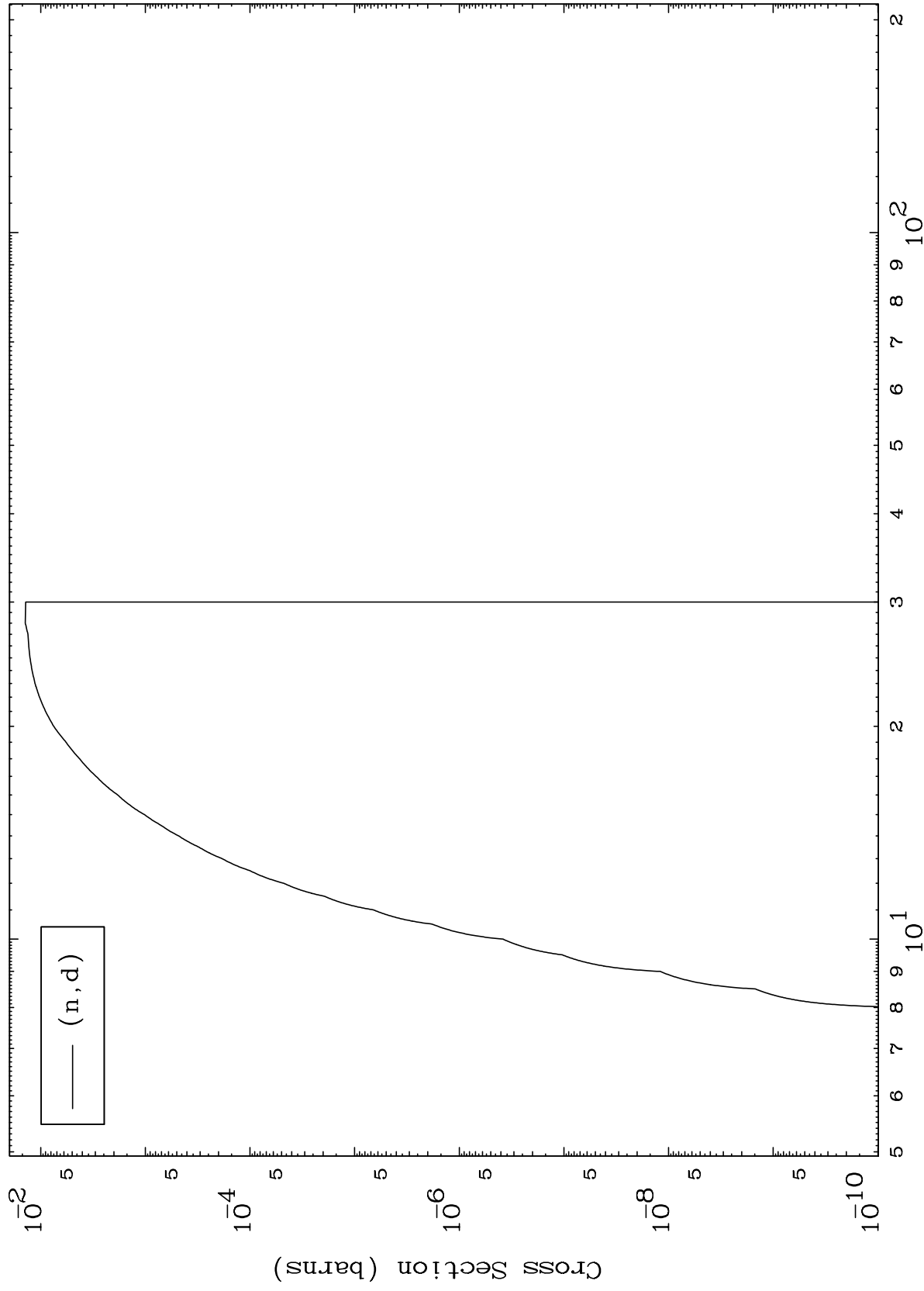
Incident Energy (MeV)

53-I -131

MAT 5337

53-I -131

(n,d) Levels
293 Kelvin Cross Sections



11

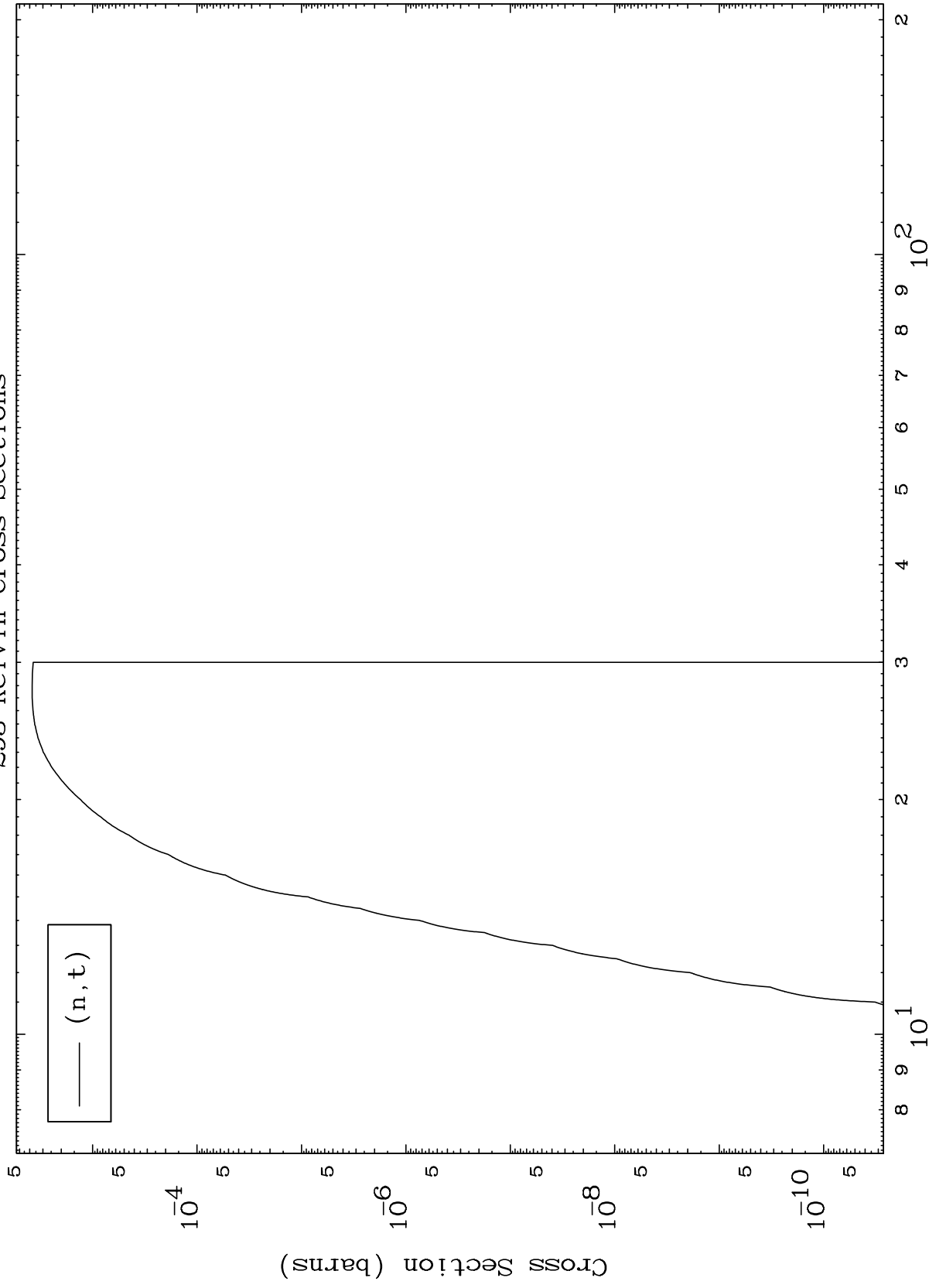
Incident Energy (MeV)

53-I -131

MAT 5337

(n,t) Levels
293 Kelvin Cross Sections

53-I -131



12

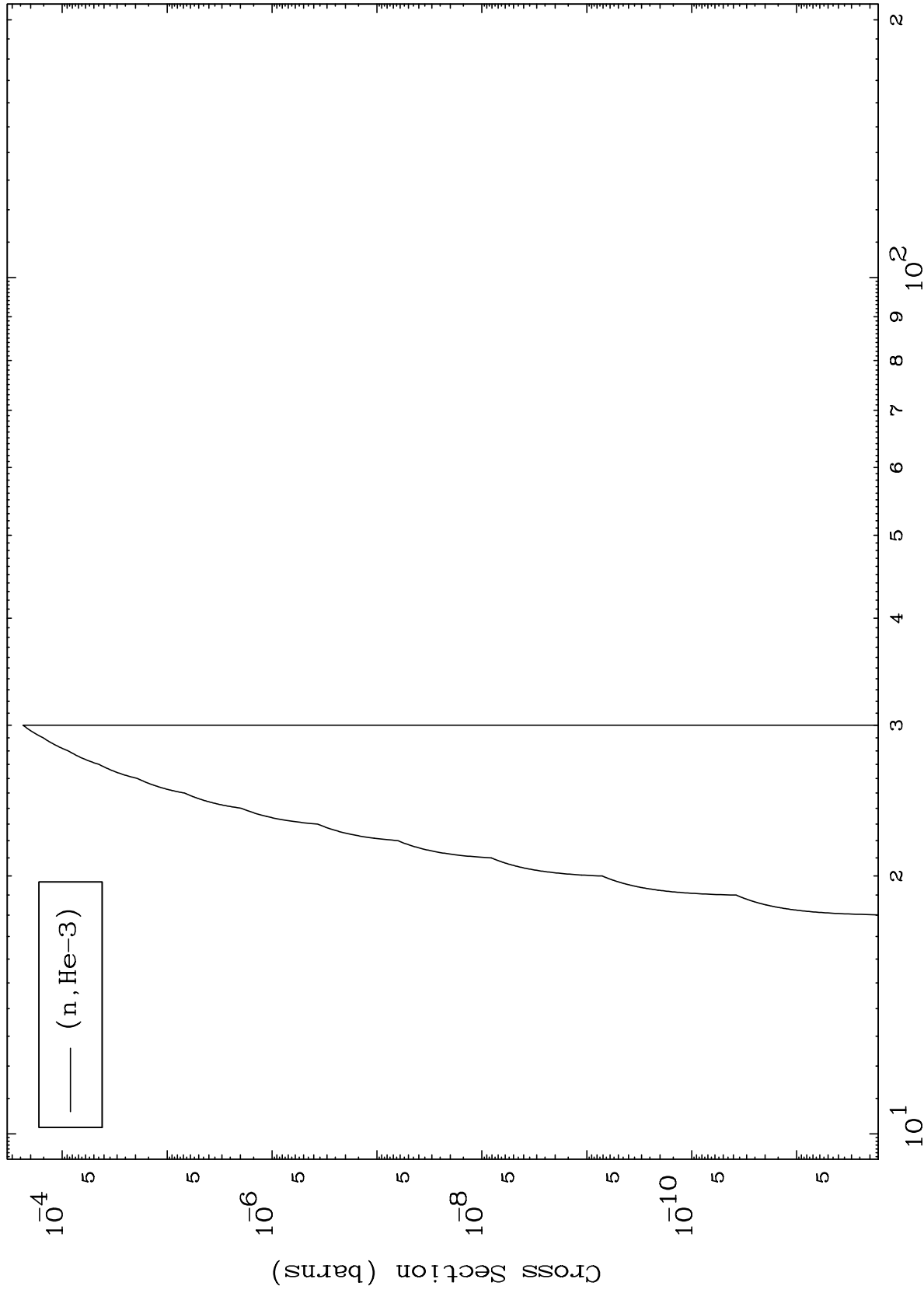
Incident Energy (MeV)

53-I -131

MAT 5337

(n,He3) Levels
293 Kelvin Cross Sections

53-I -131



13

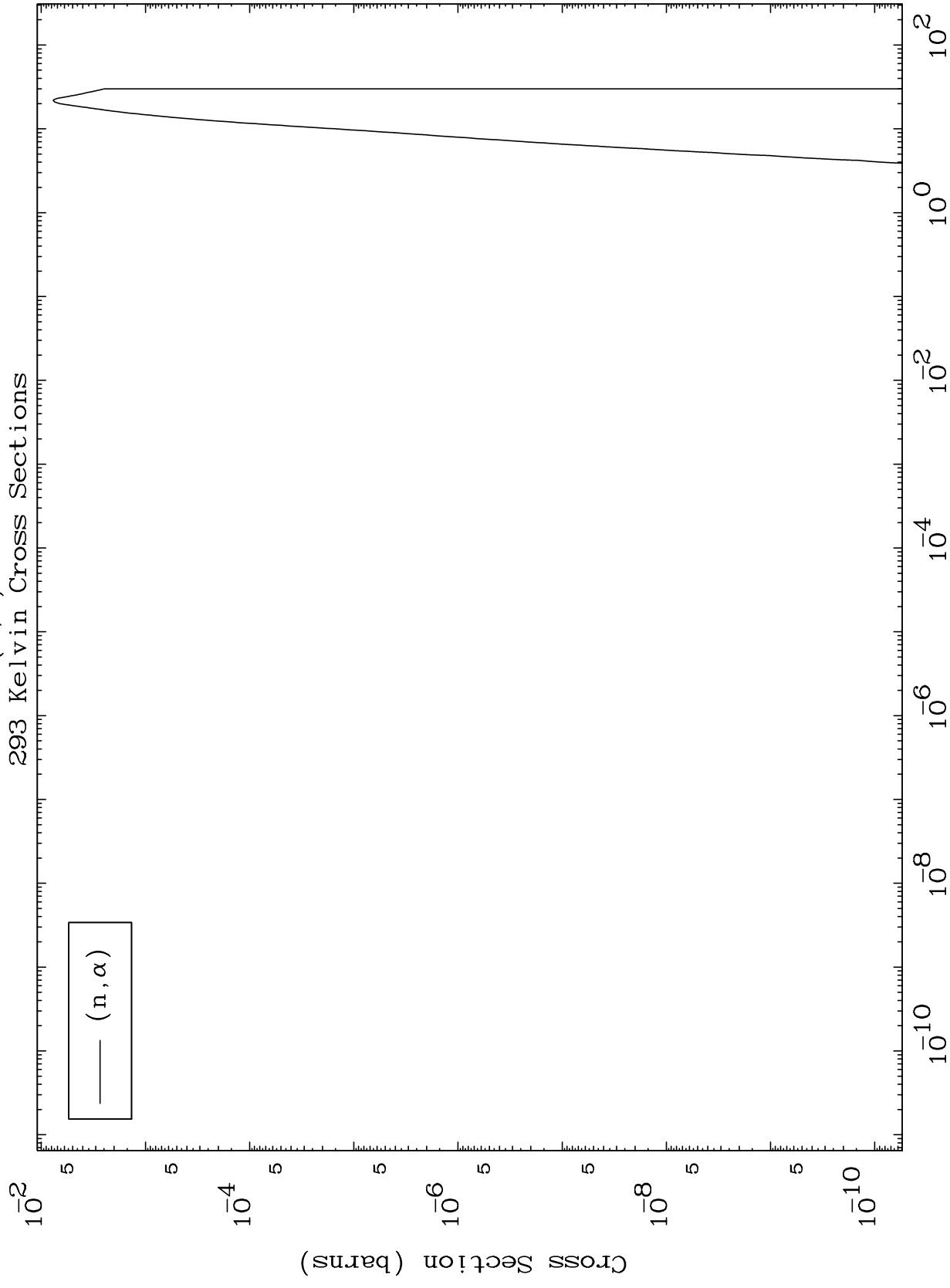
Incident Energy (MeV)

53-I -131

MAT 5337

(n, α) Levels
293 Kelvin Cross Sections

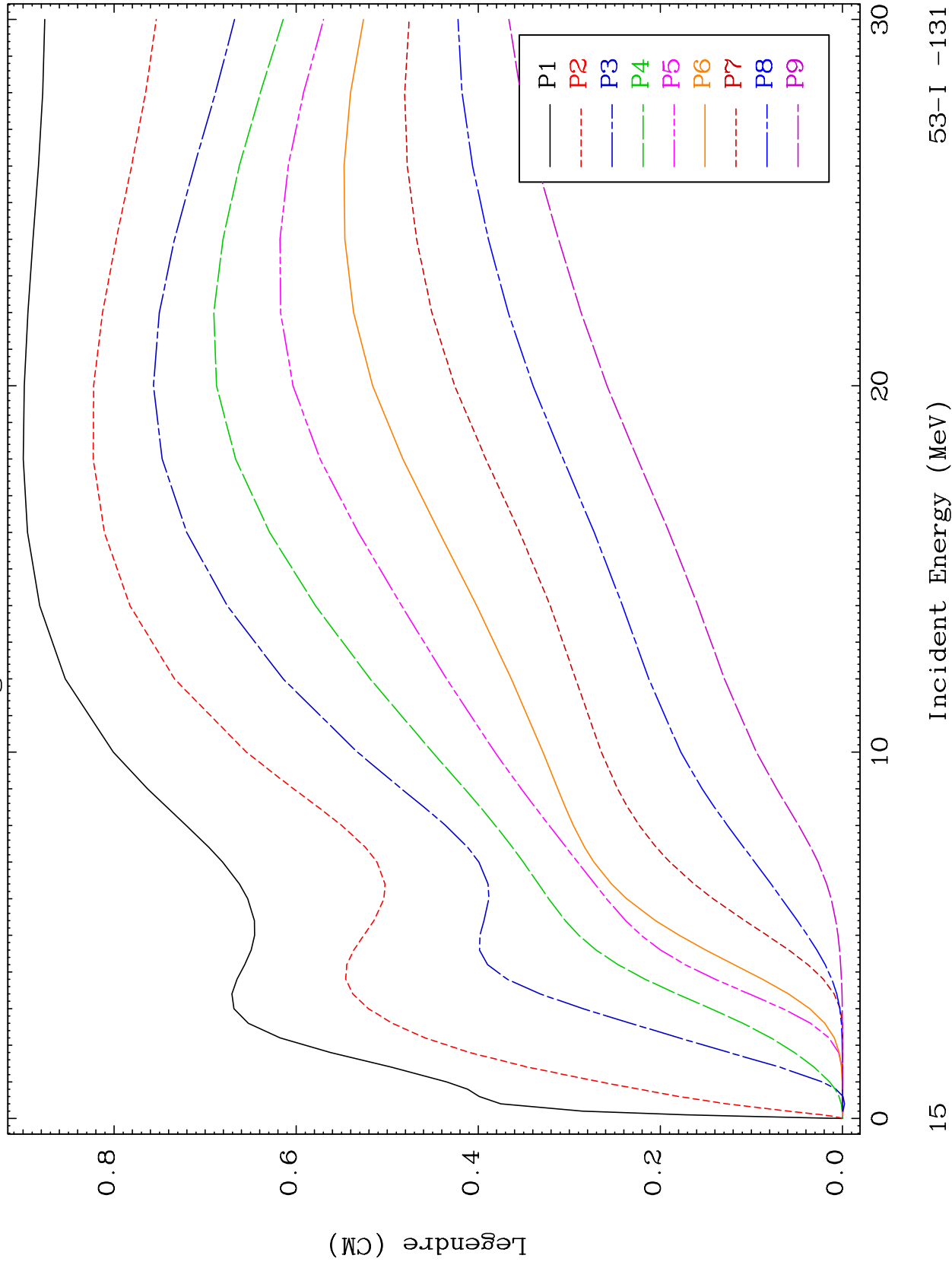
53-I -131

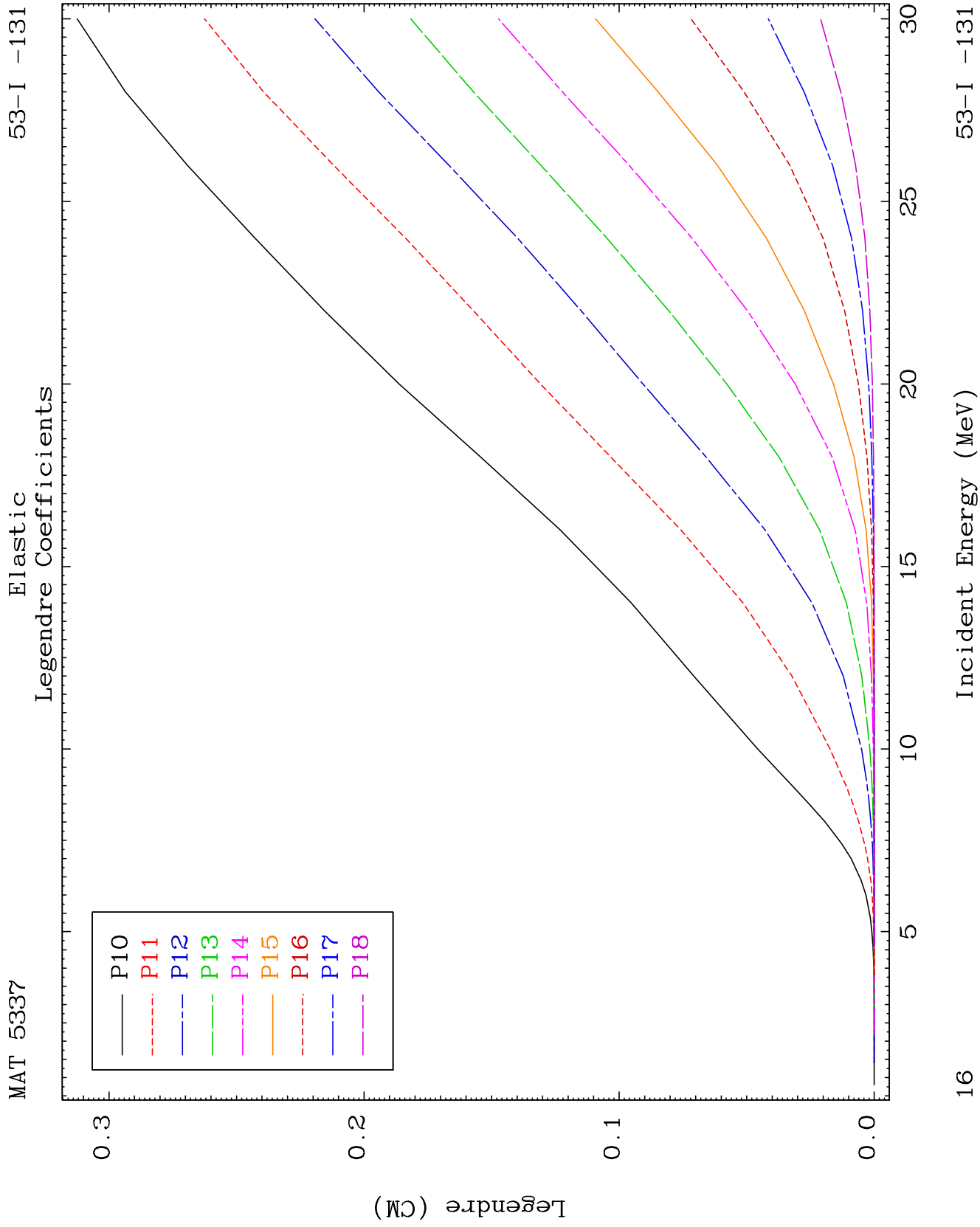


MAT 5337

Elastic
Legendre Coefficients

53-I -131

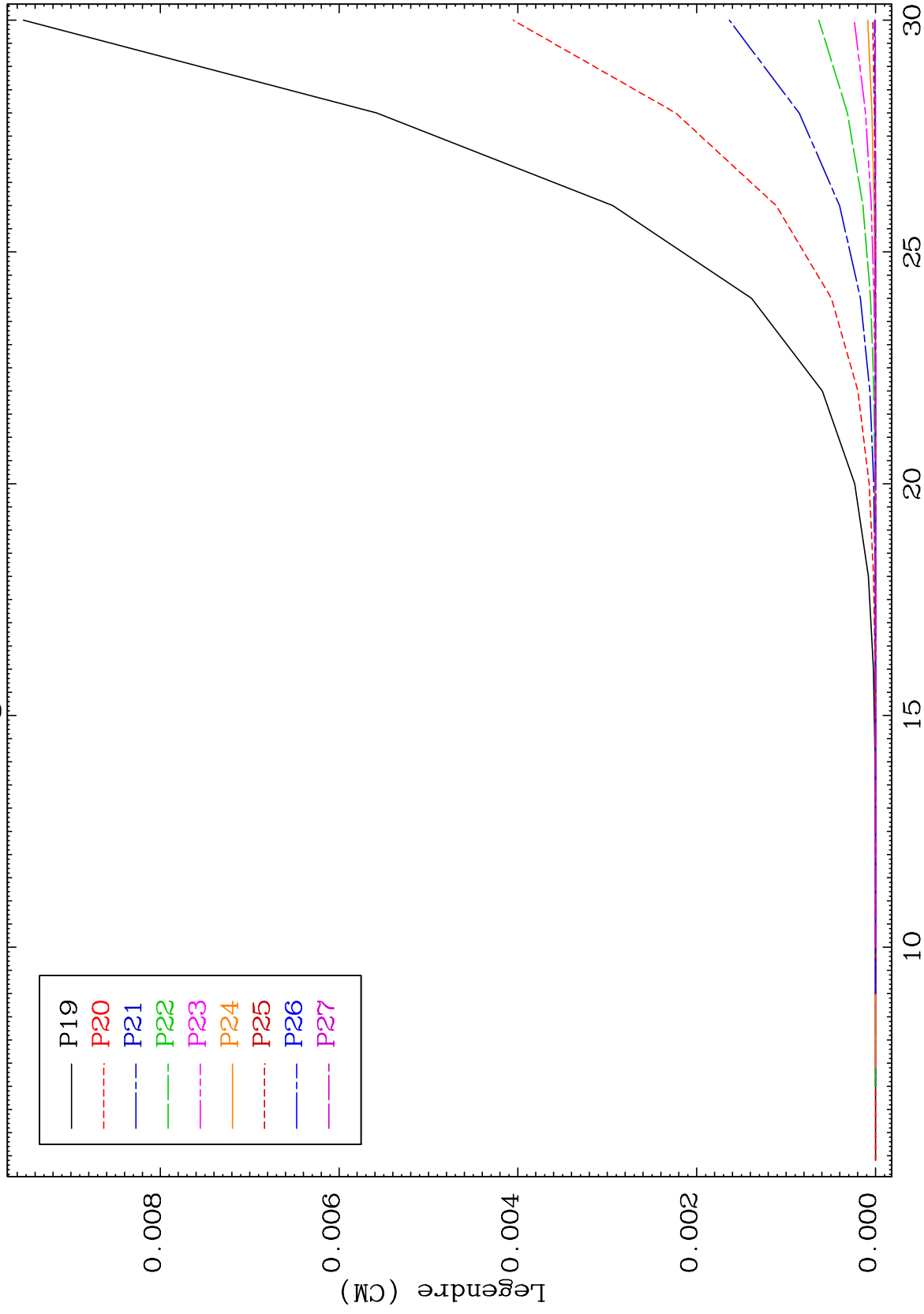




MAT 5337

Elastic
Legendre Coefficients

53-I -131



17

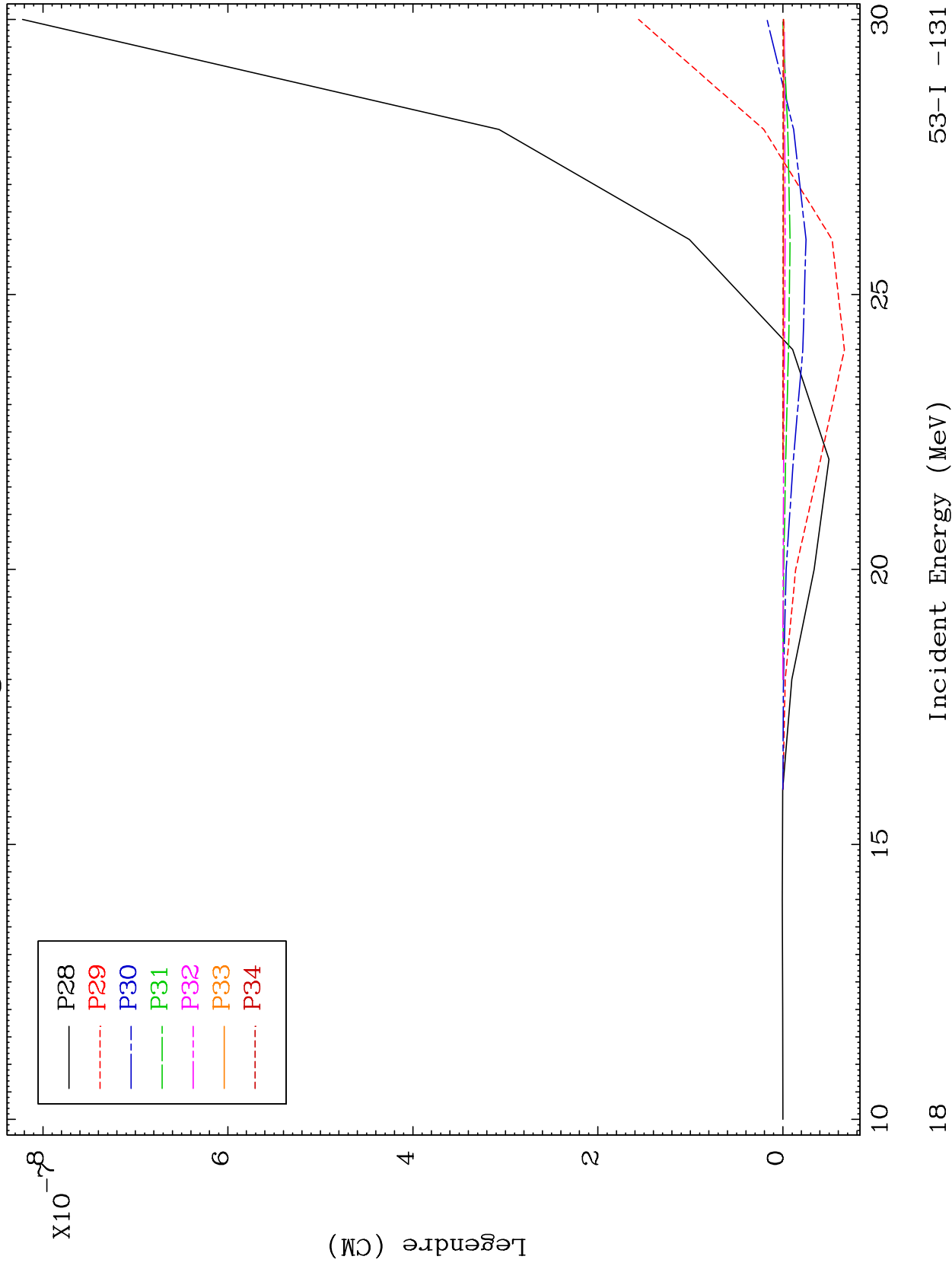
Incident Energy (MeV)

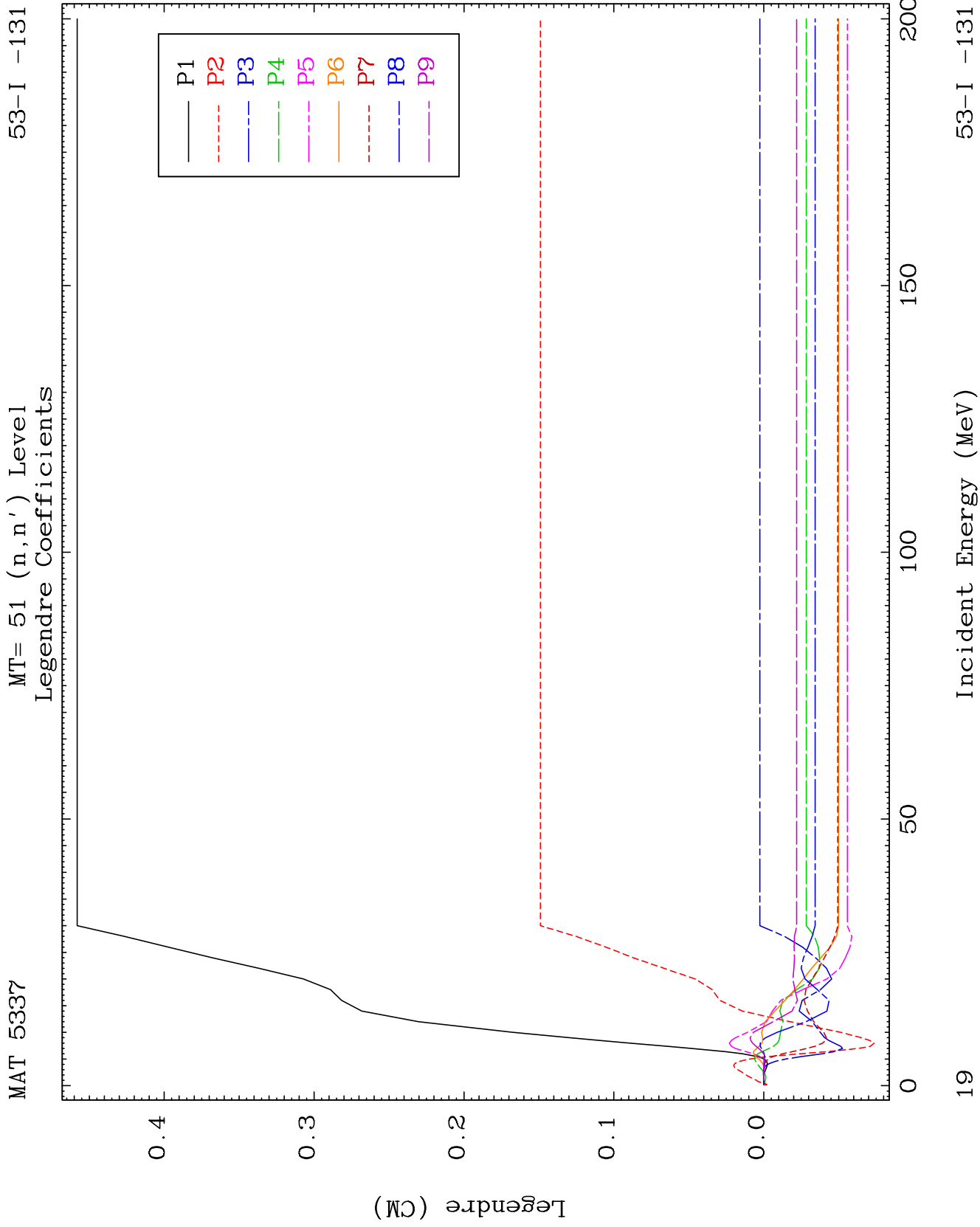
53-I -131

MAT 5337

Elastic
Legendre Coefficients

53-I -131

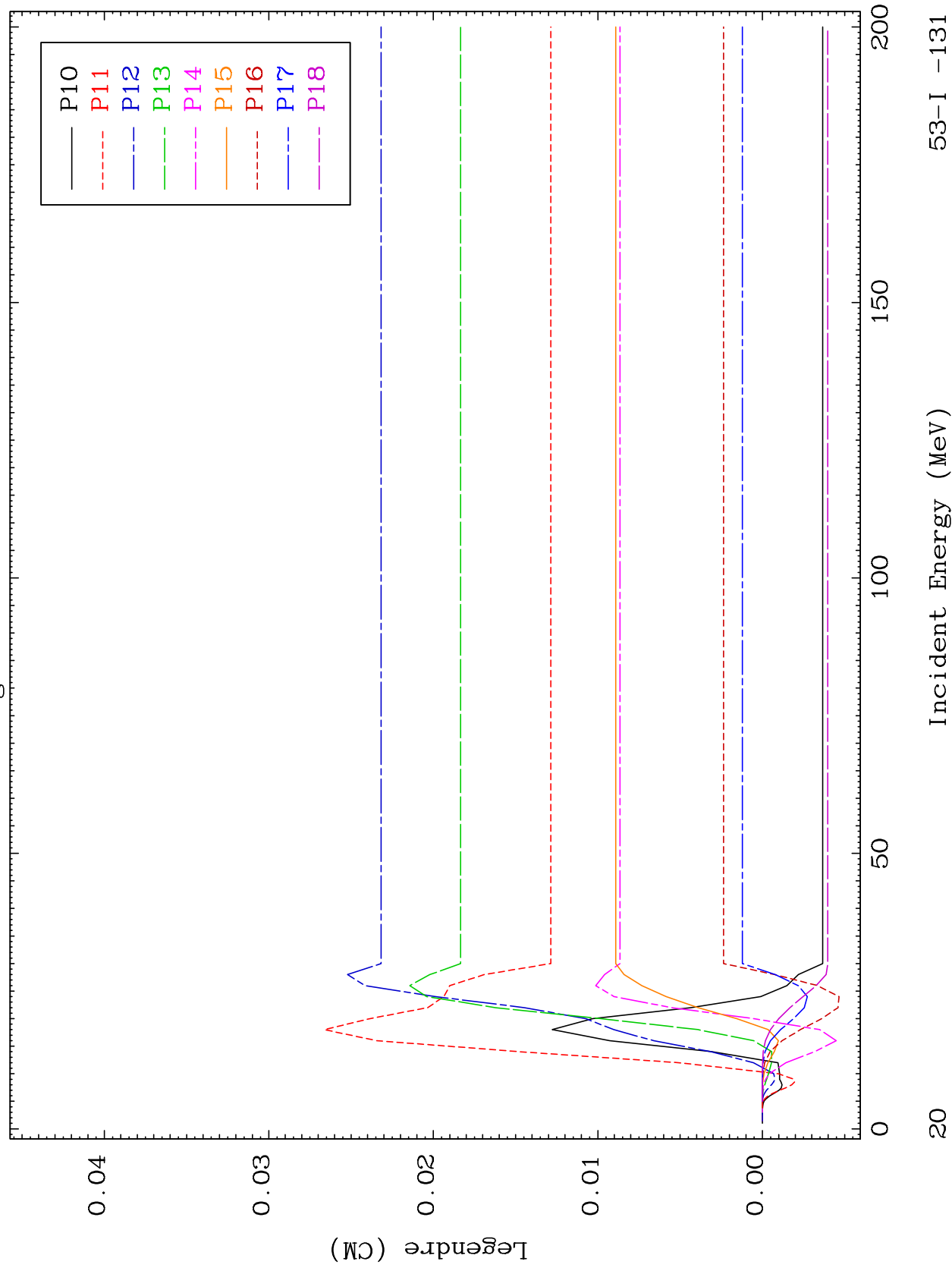




MAT 5337

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

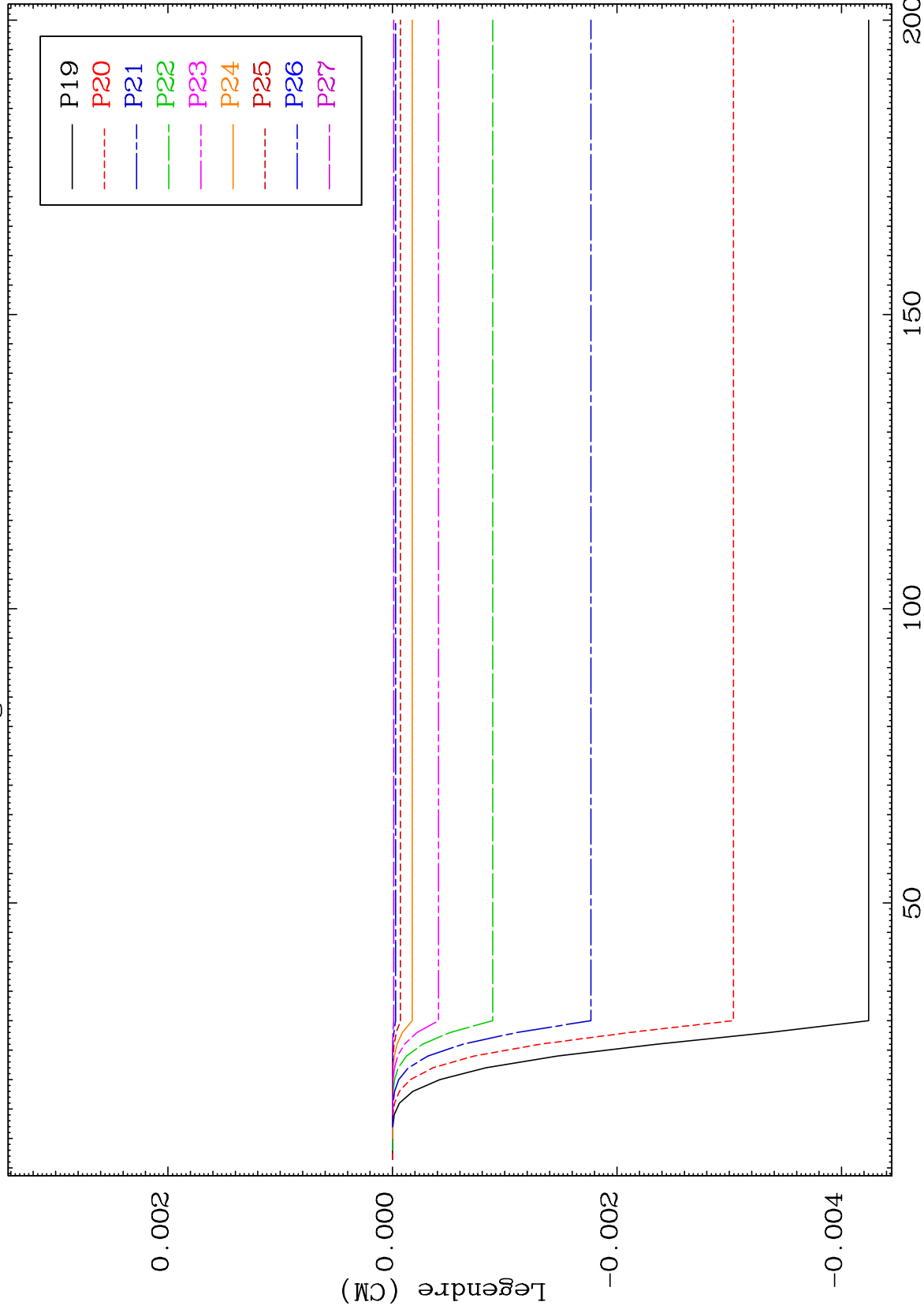
53-I -131



MAT 5337

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

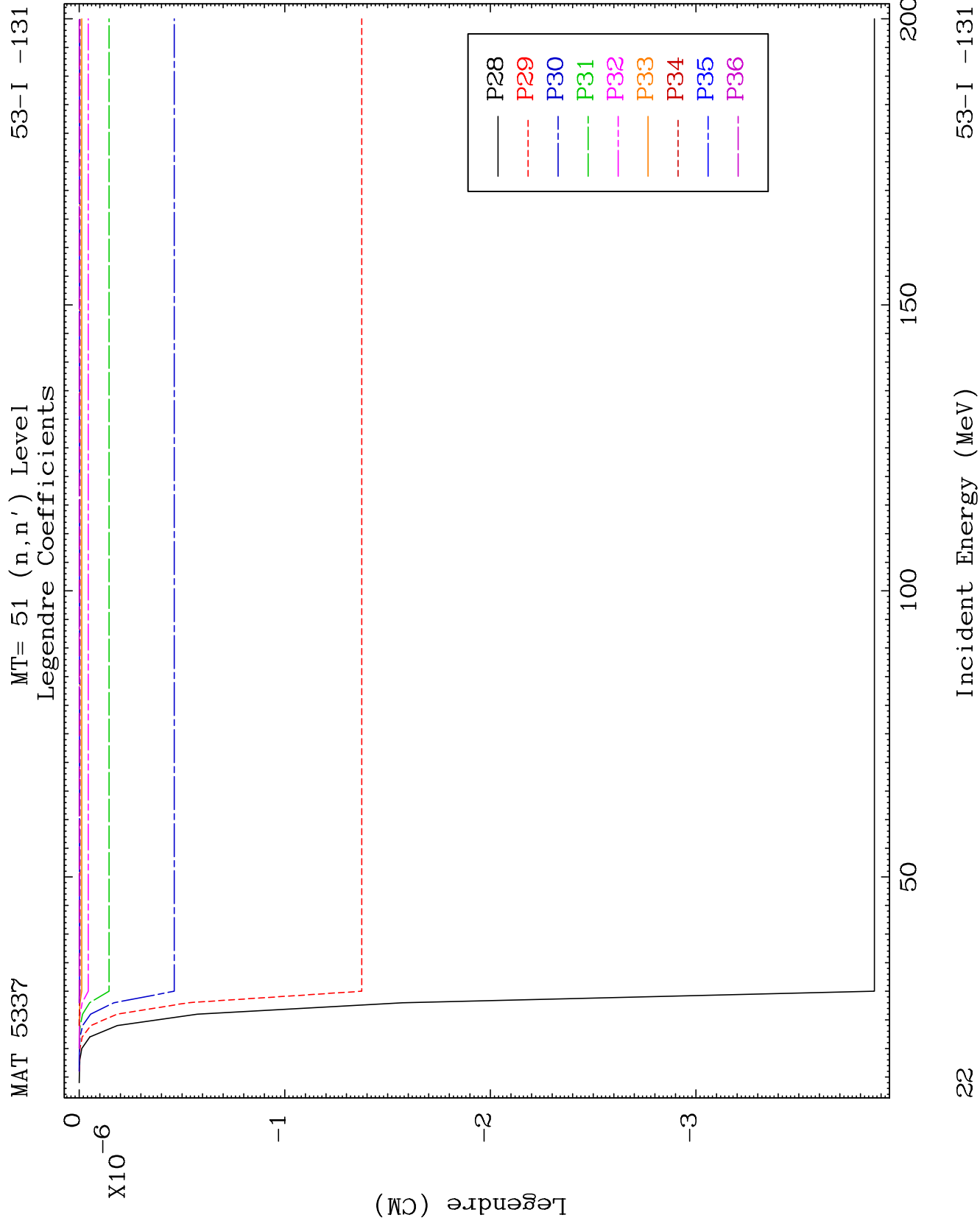
53-I -131



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Incident Energy (MeV)

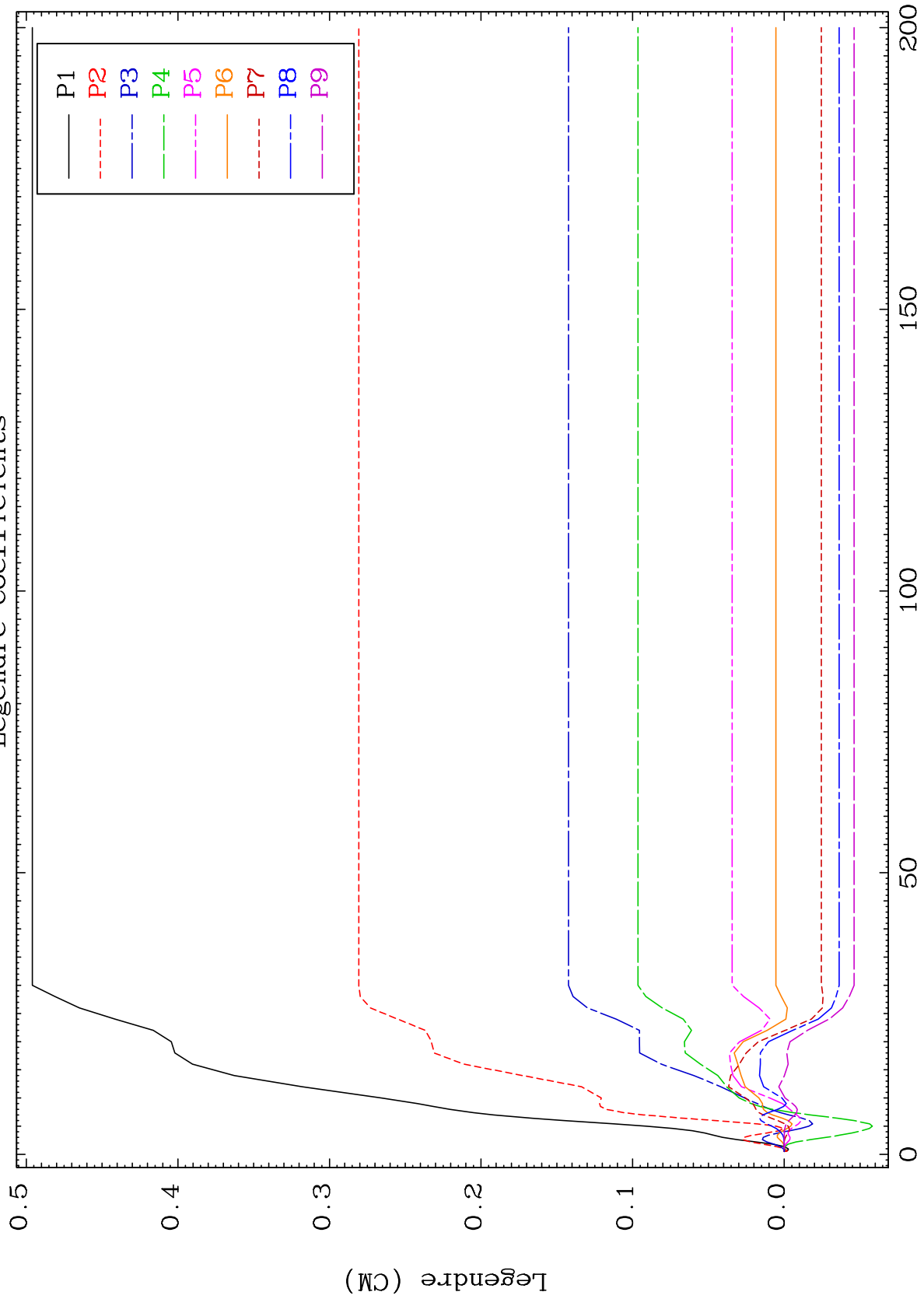
53-I -131



MAT 5337

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

53-I -131



32

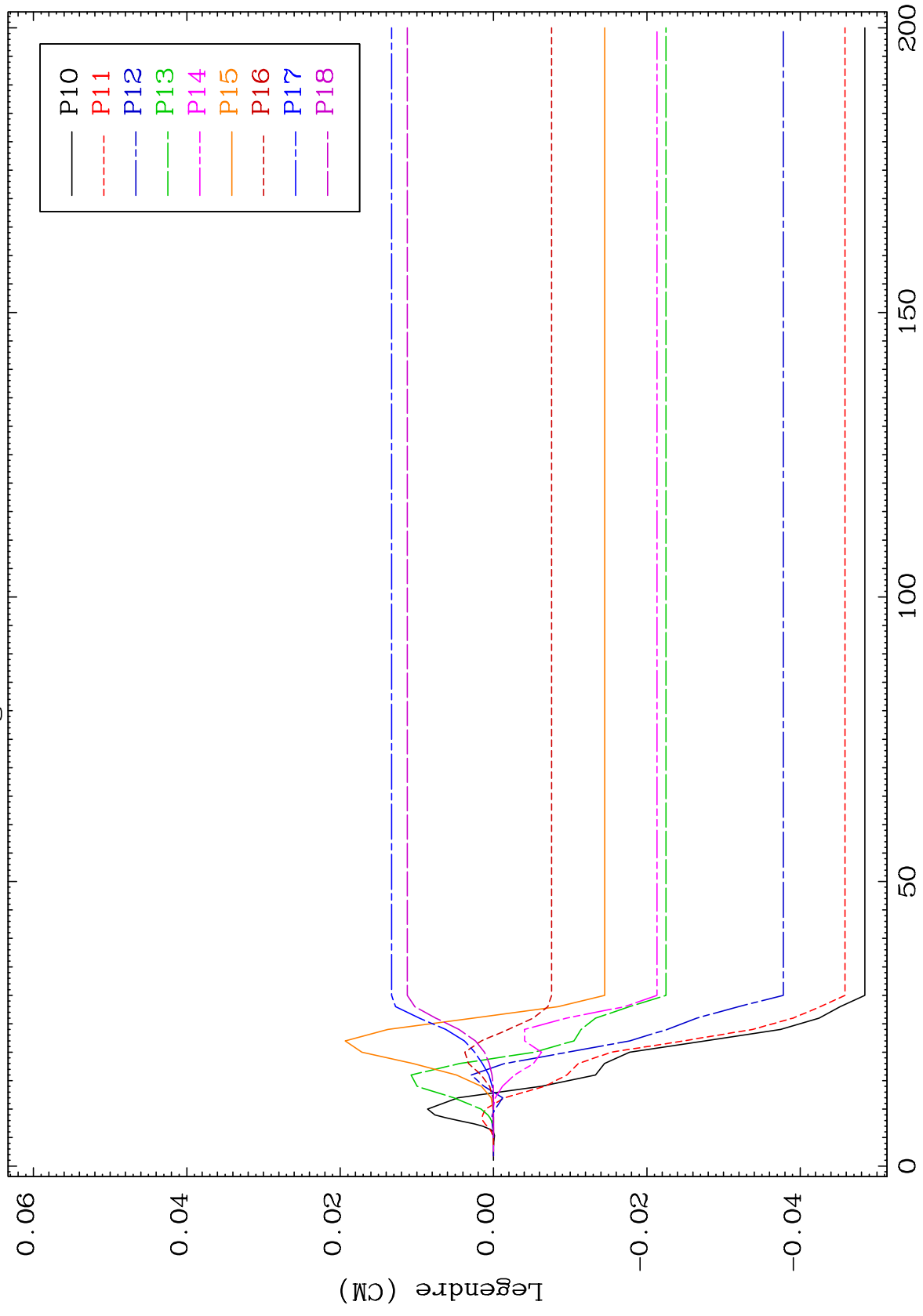
Incident Energy (MeV)

53-I -131

MAT 5337

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

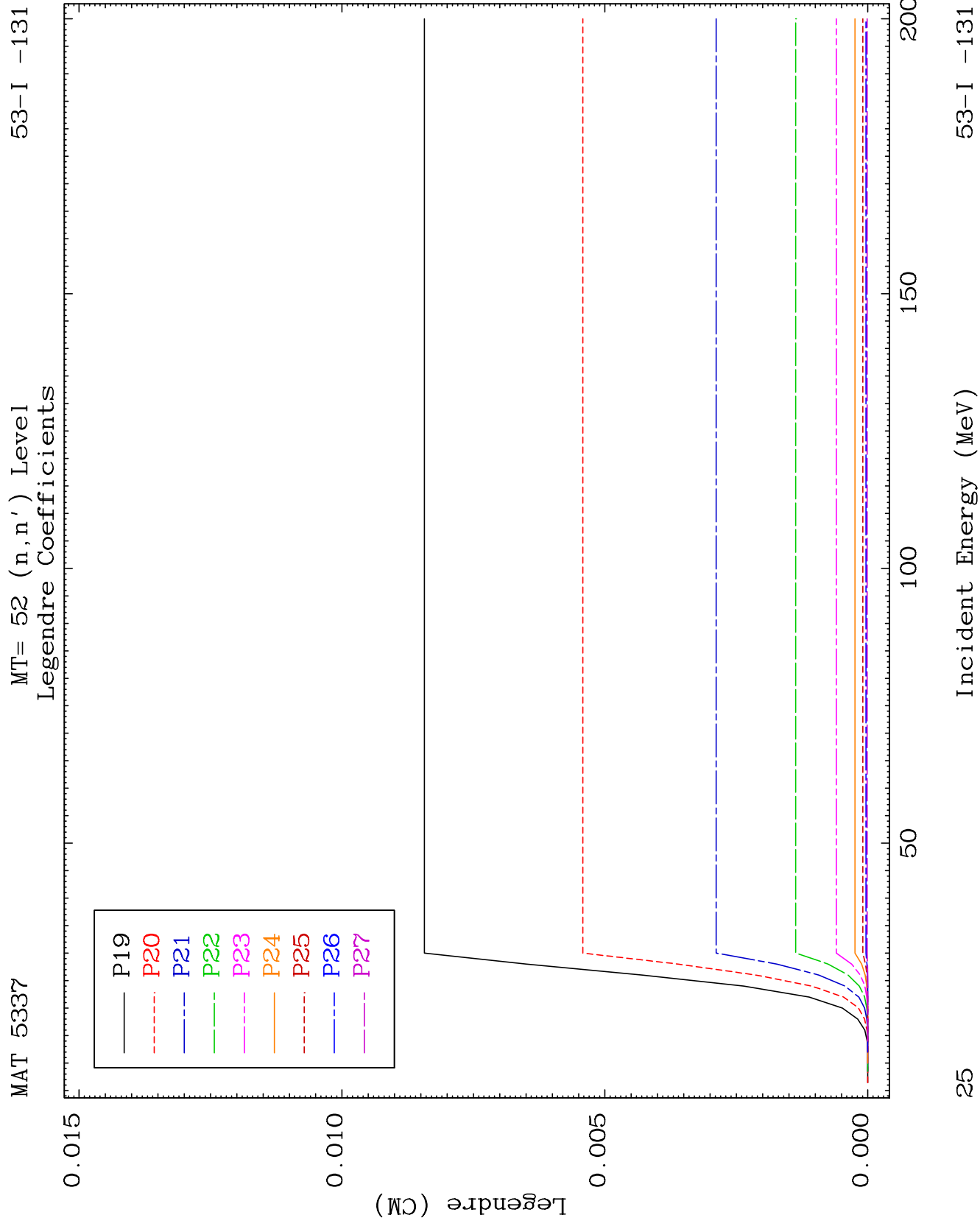
53-I -131



24

Incident Energy (MeV)

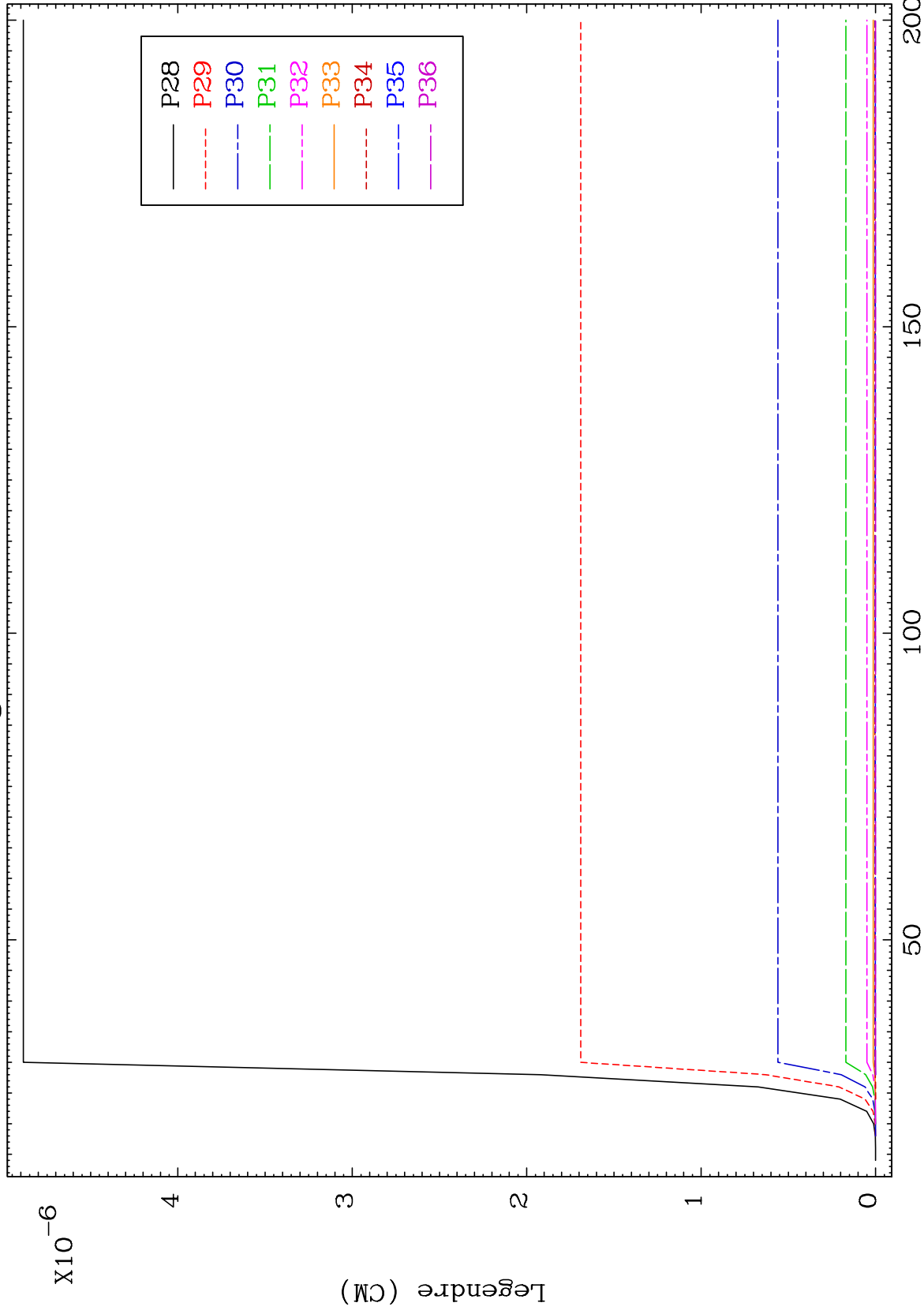
53-I -131



MAT 5337

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

53-I -131



26

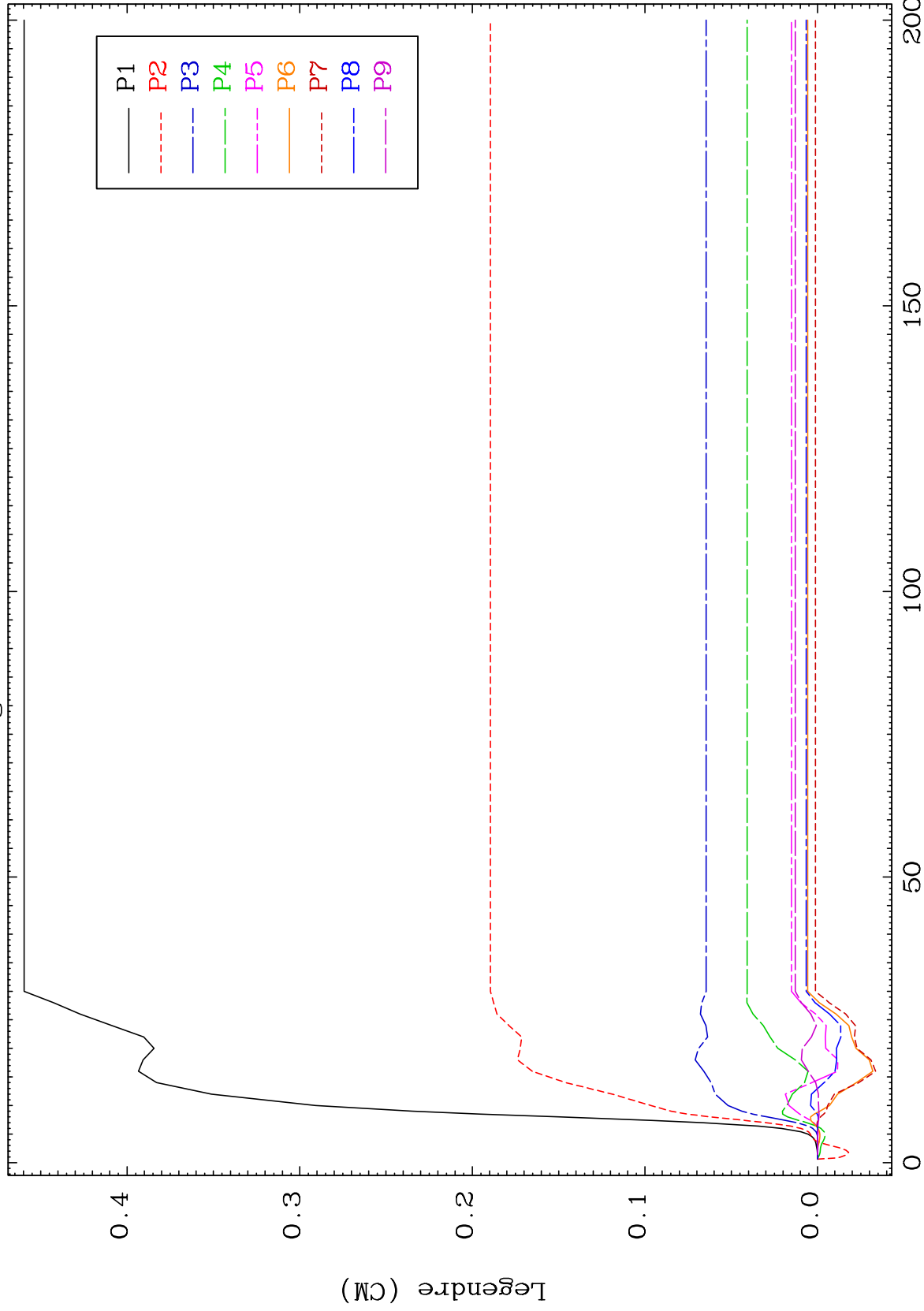
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



27

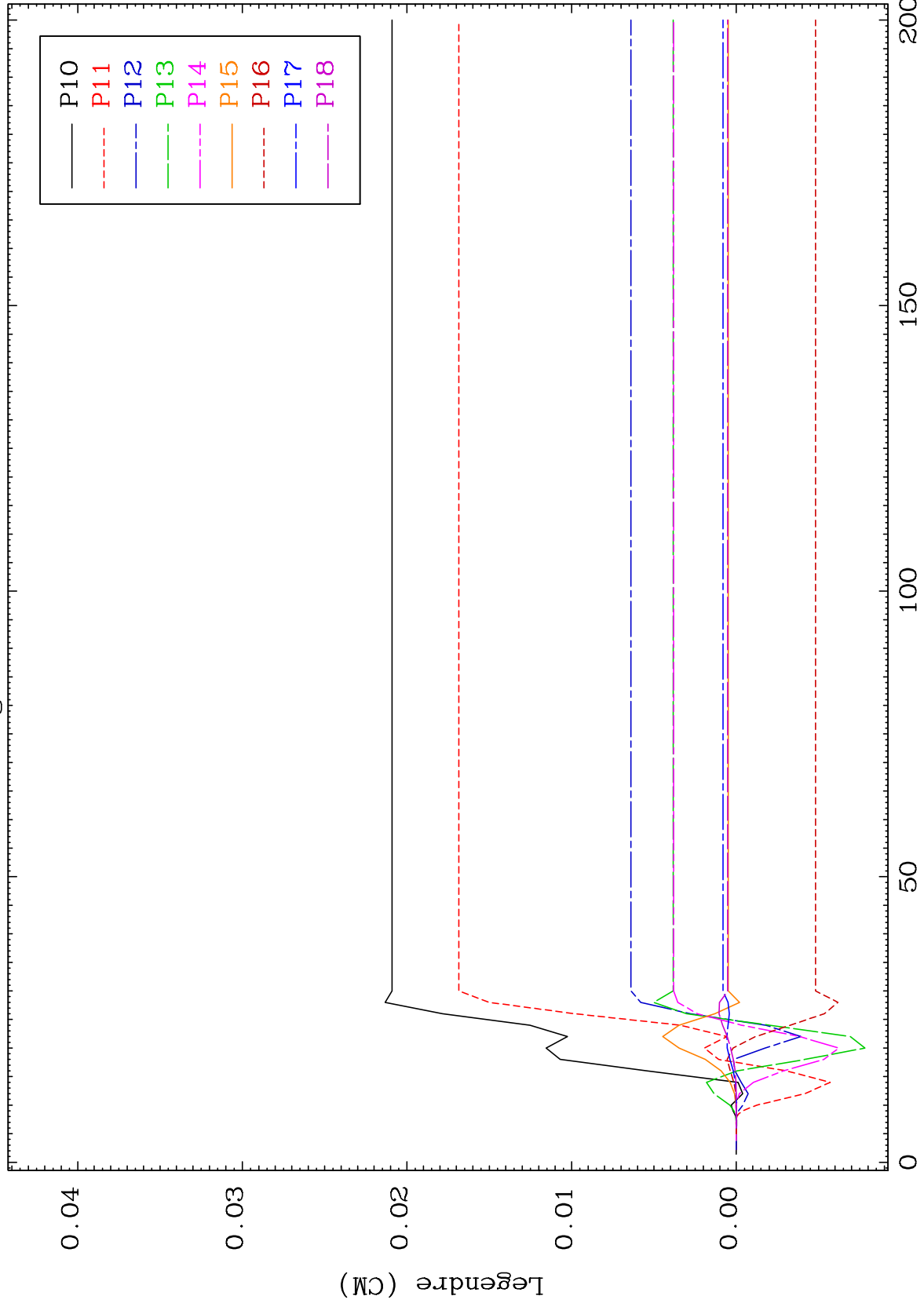
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



28

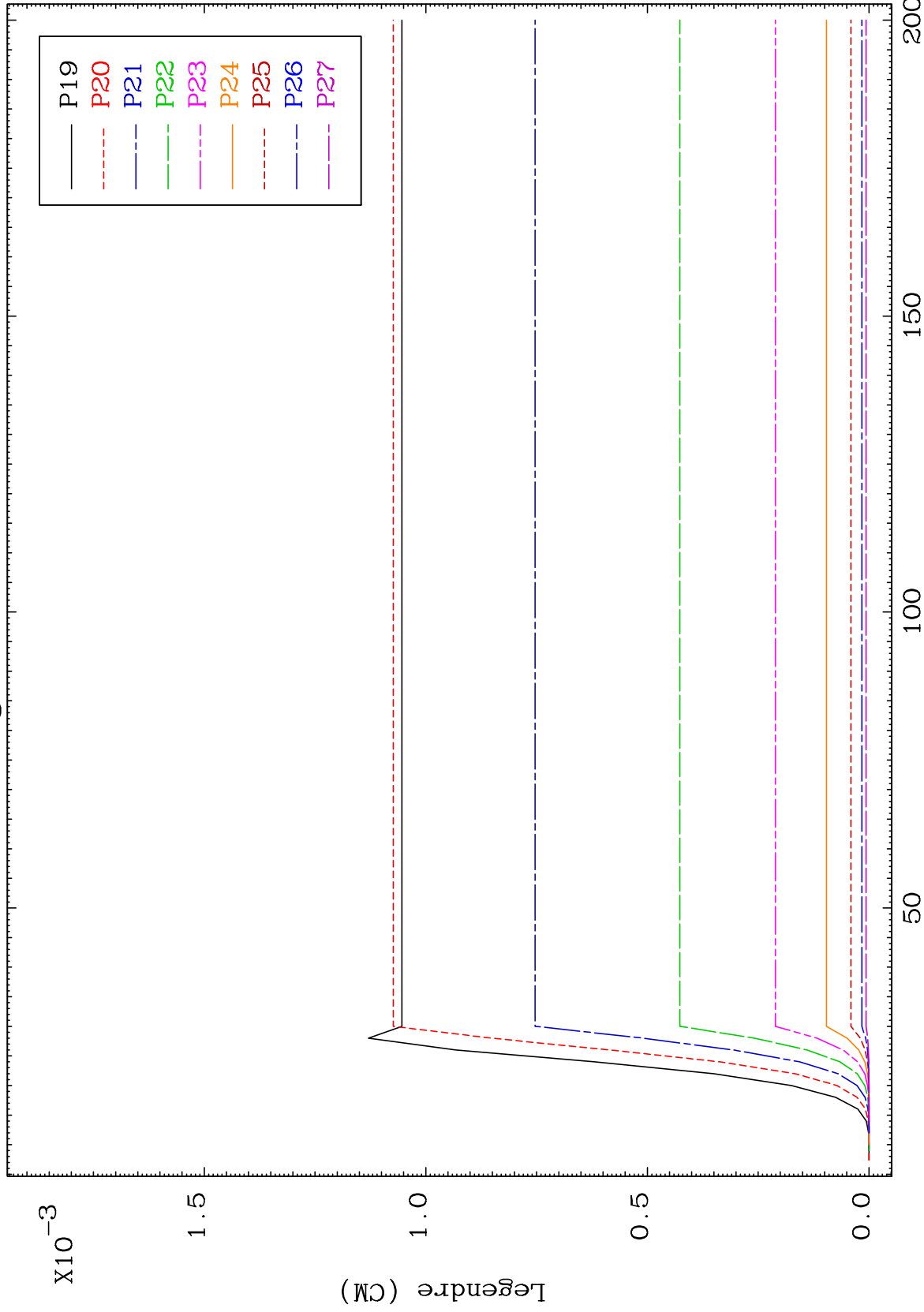
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



29

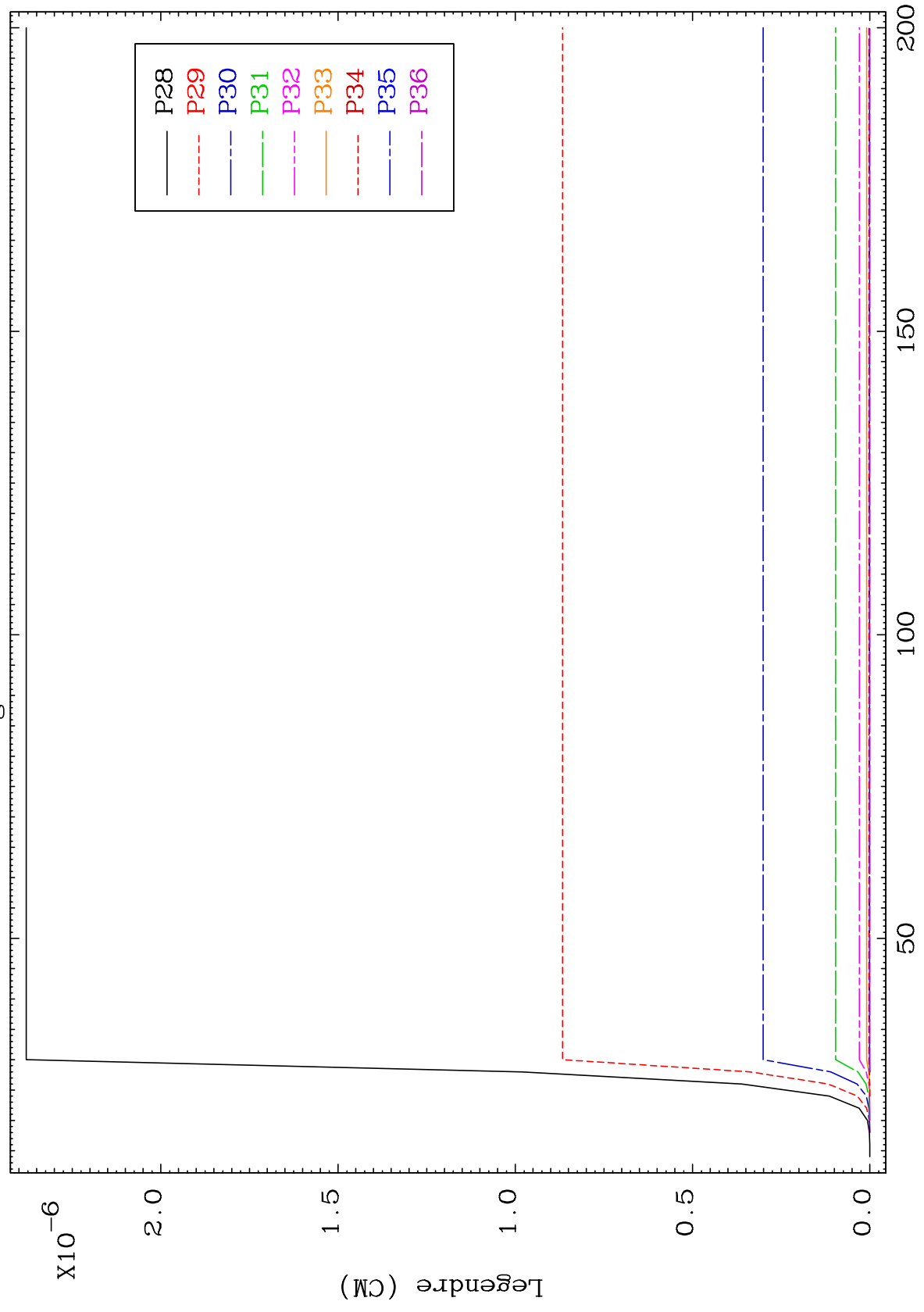
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



30

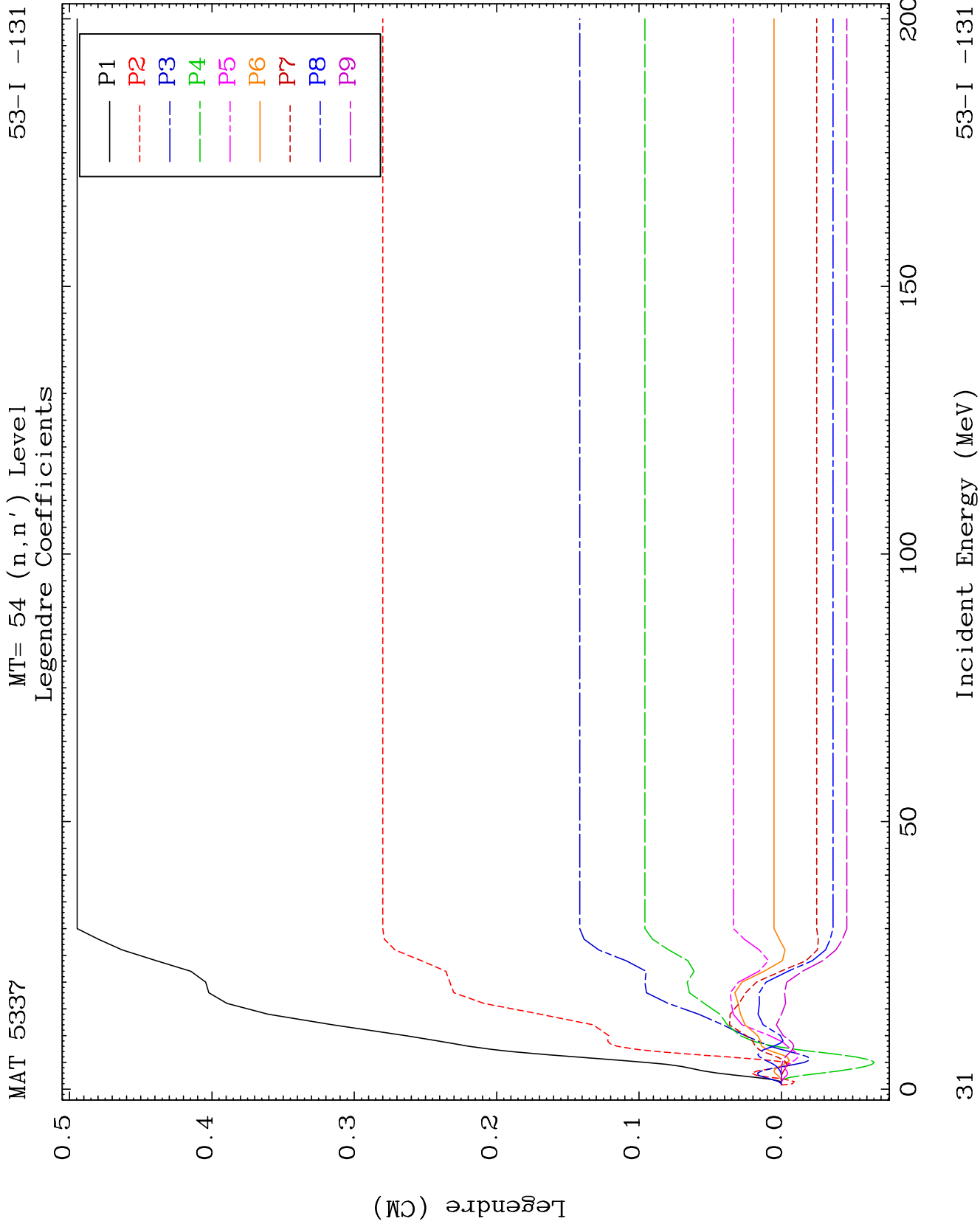
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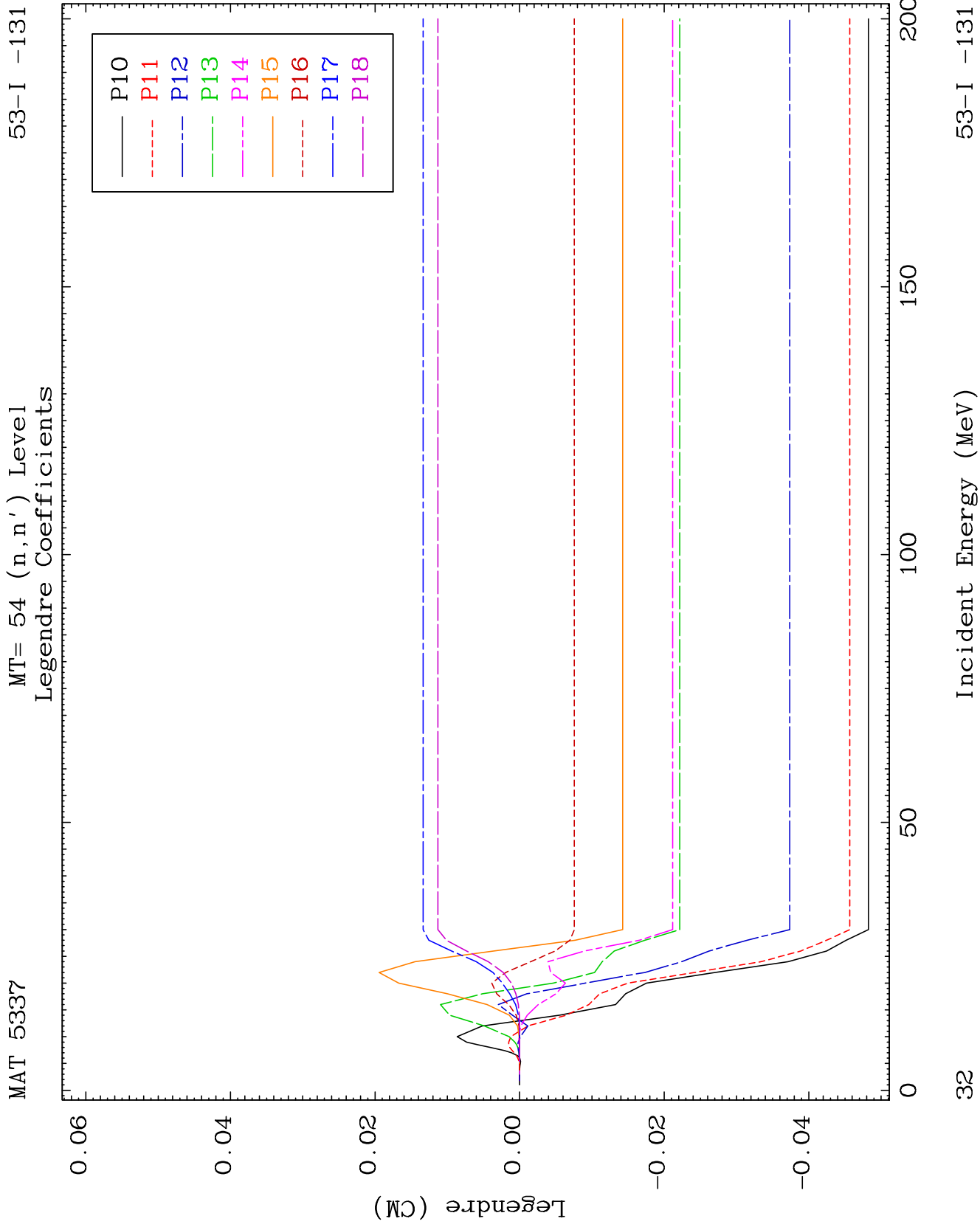
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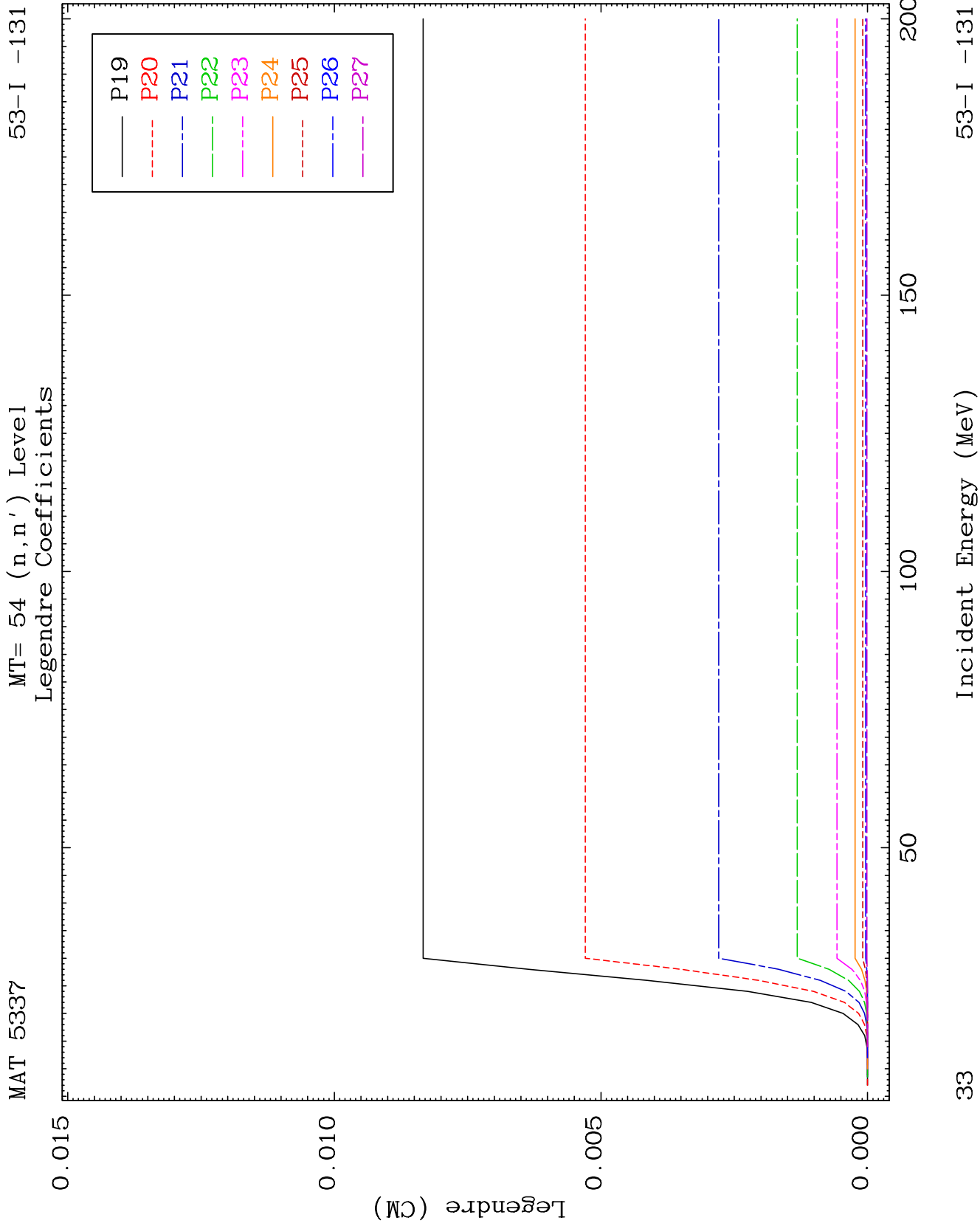
150

200

53-I -131



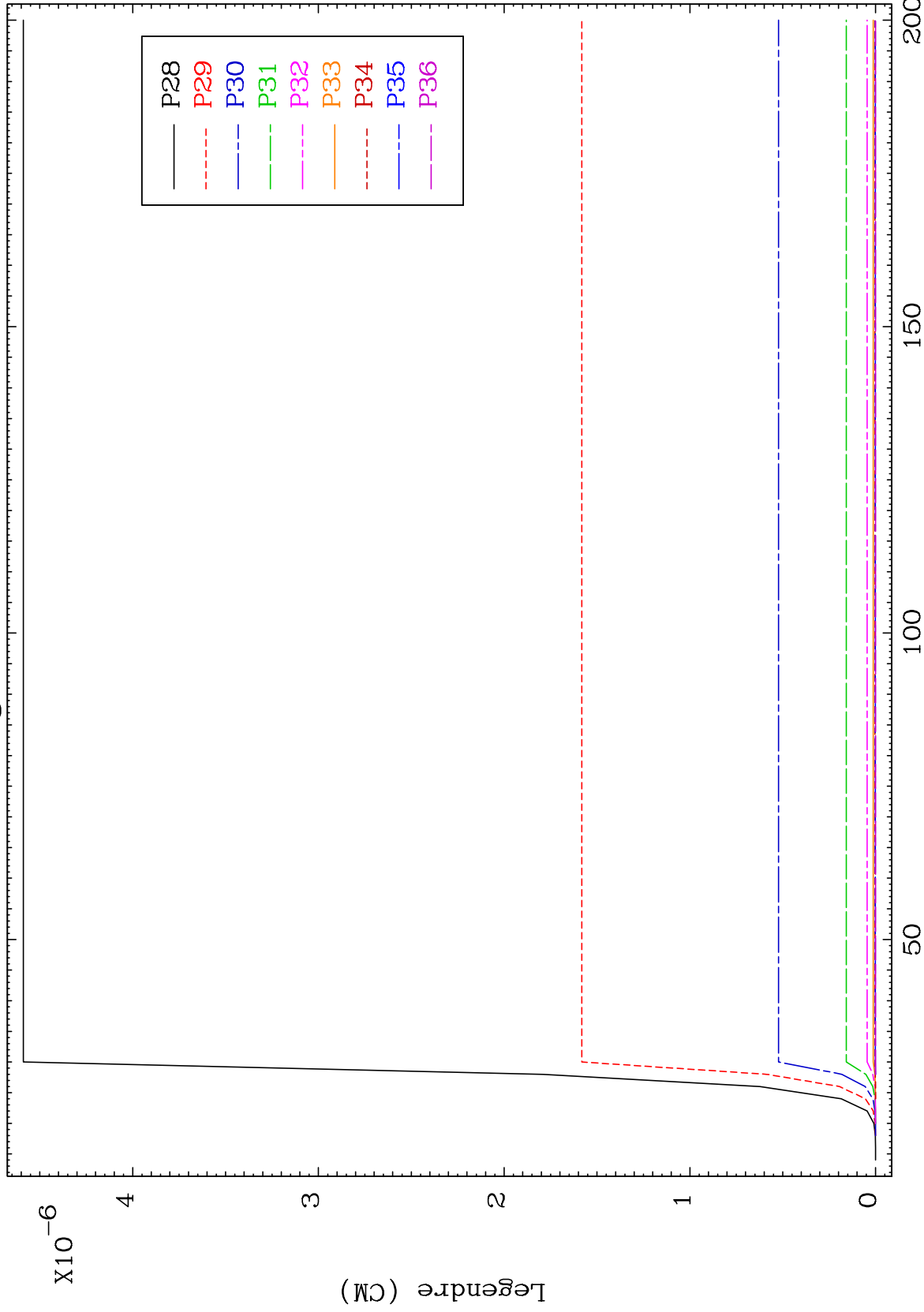




MAT 5337

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

53-I -131



34

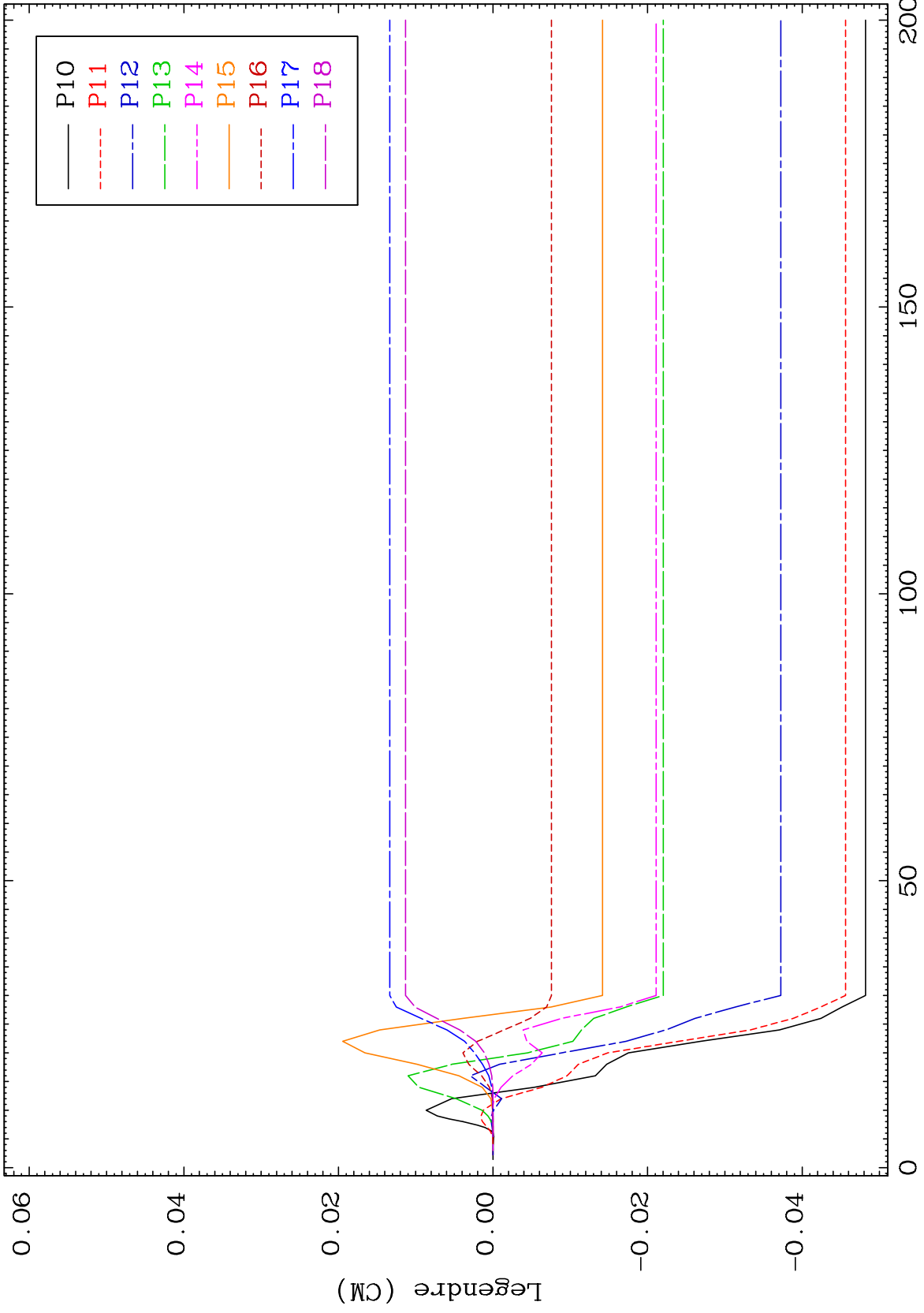
Incident Energy (MeV)

53-I -131

MAT 5337

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

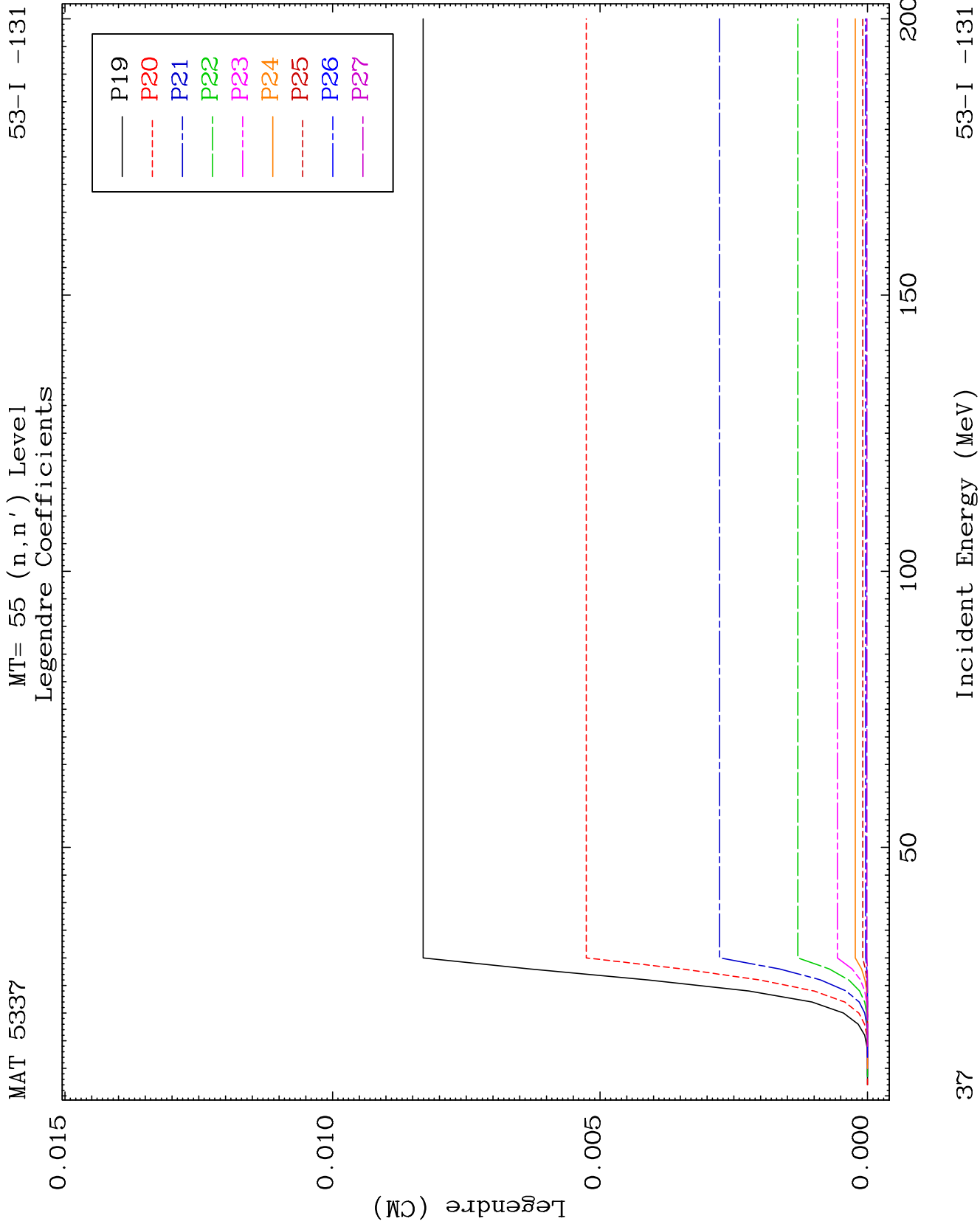
53-I -131



36

Incident Energy (MeV)

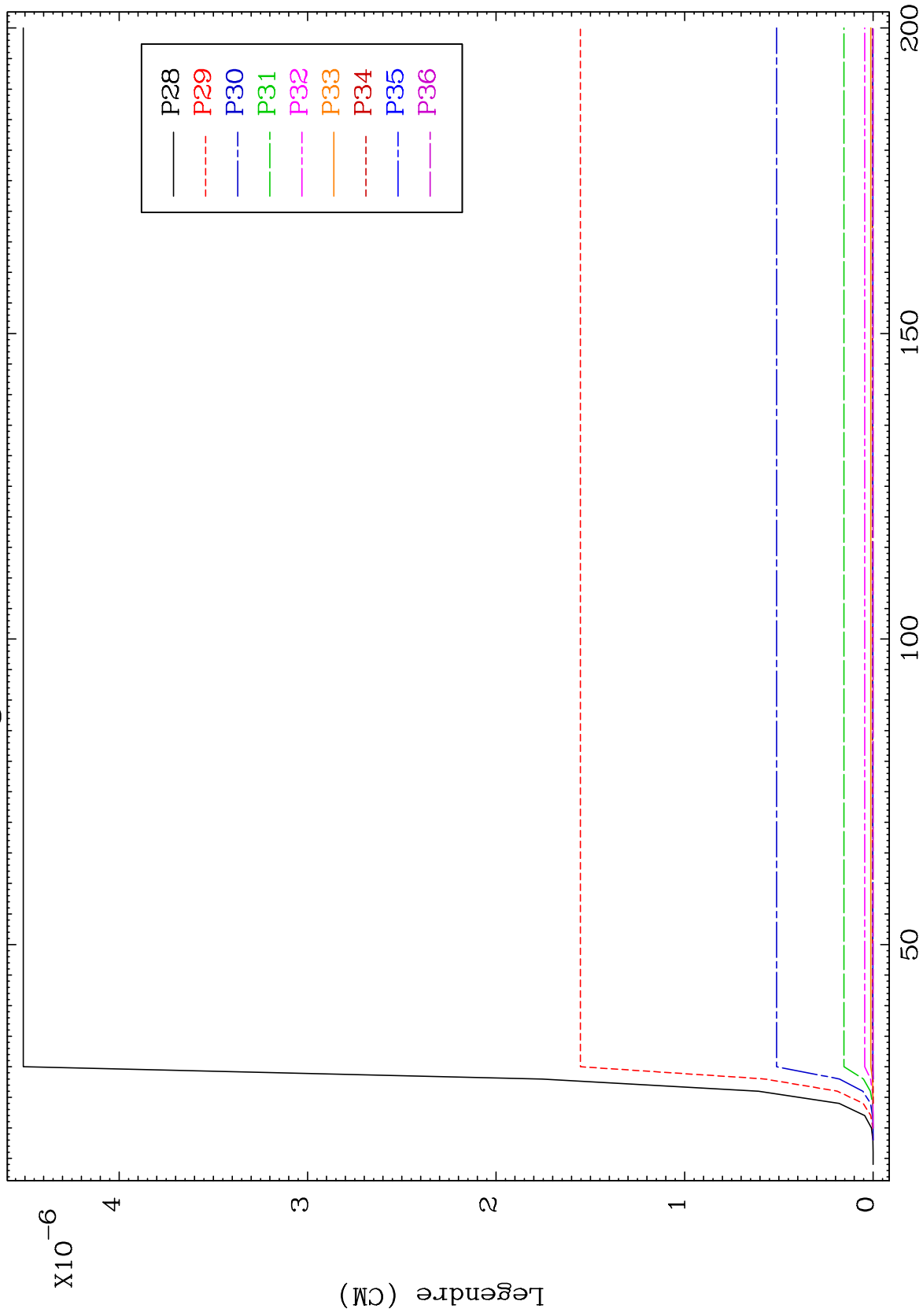
53-I -131



MAT 5337

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

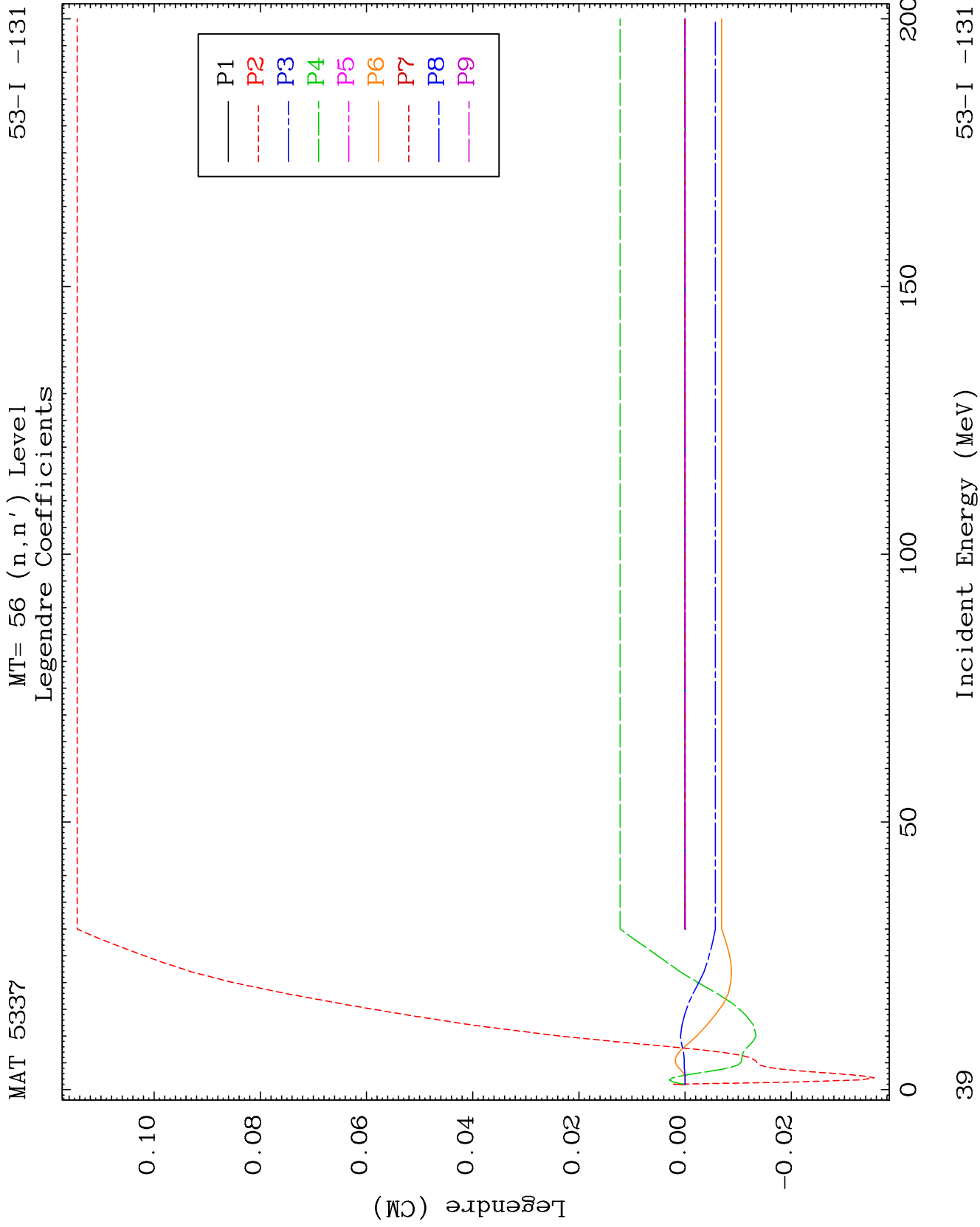
53-I -131



38

Incident Energy (MeV)

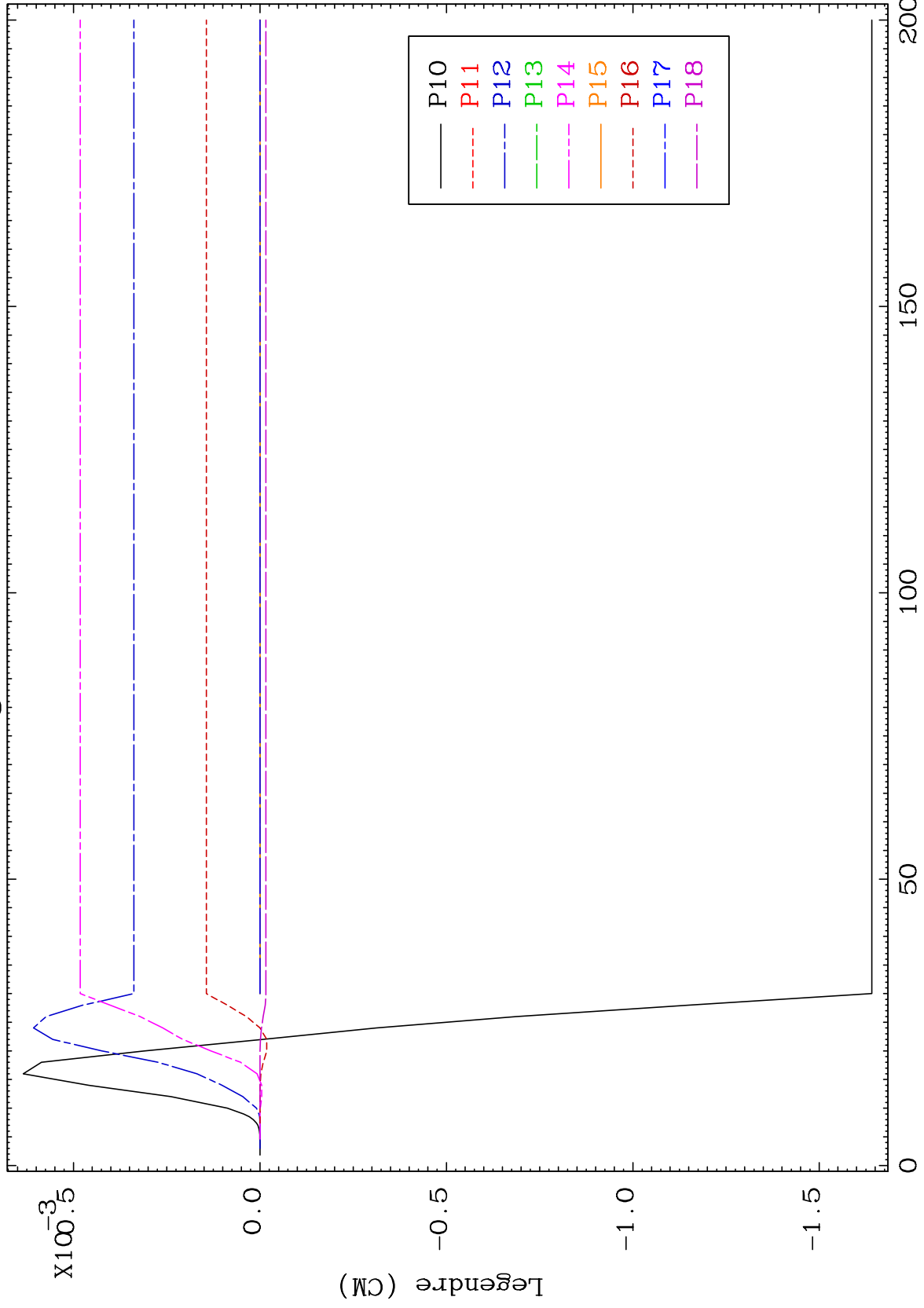
53-I -131



MAT 5337

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

53-I -131

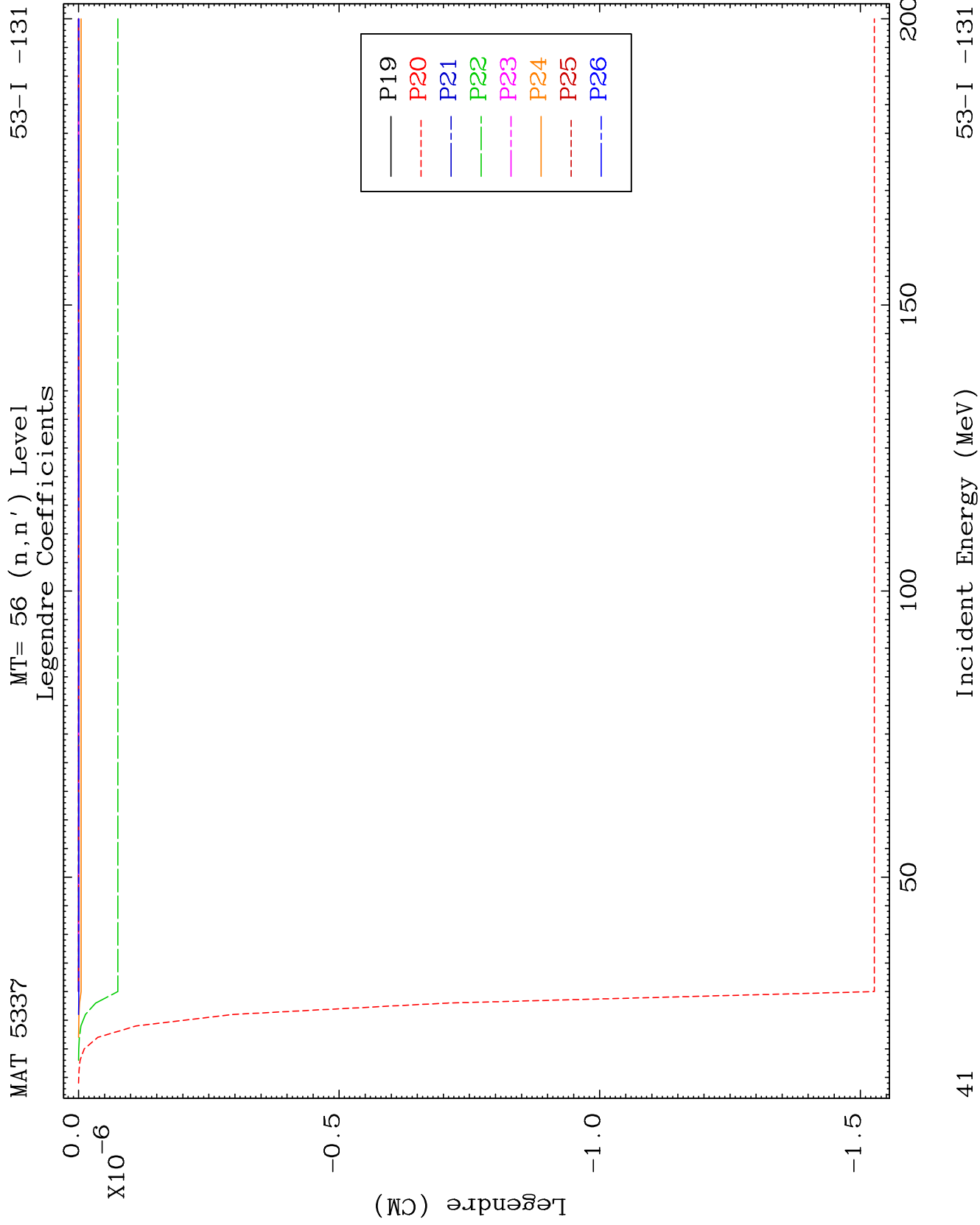


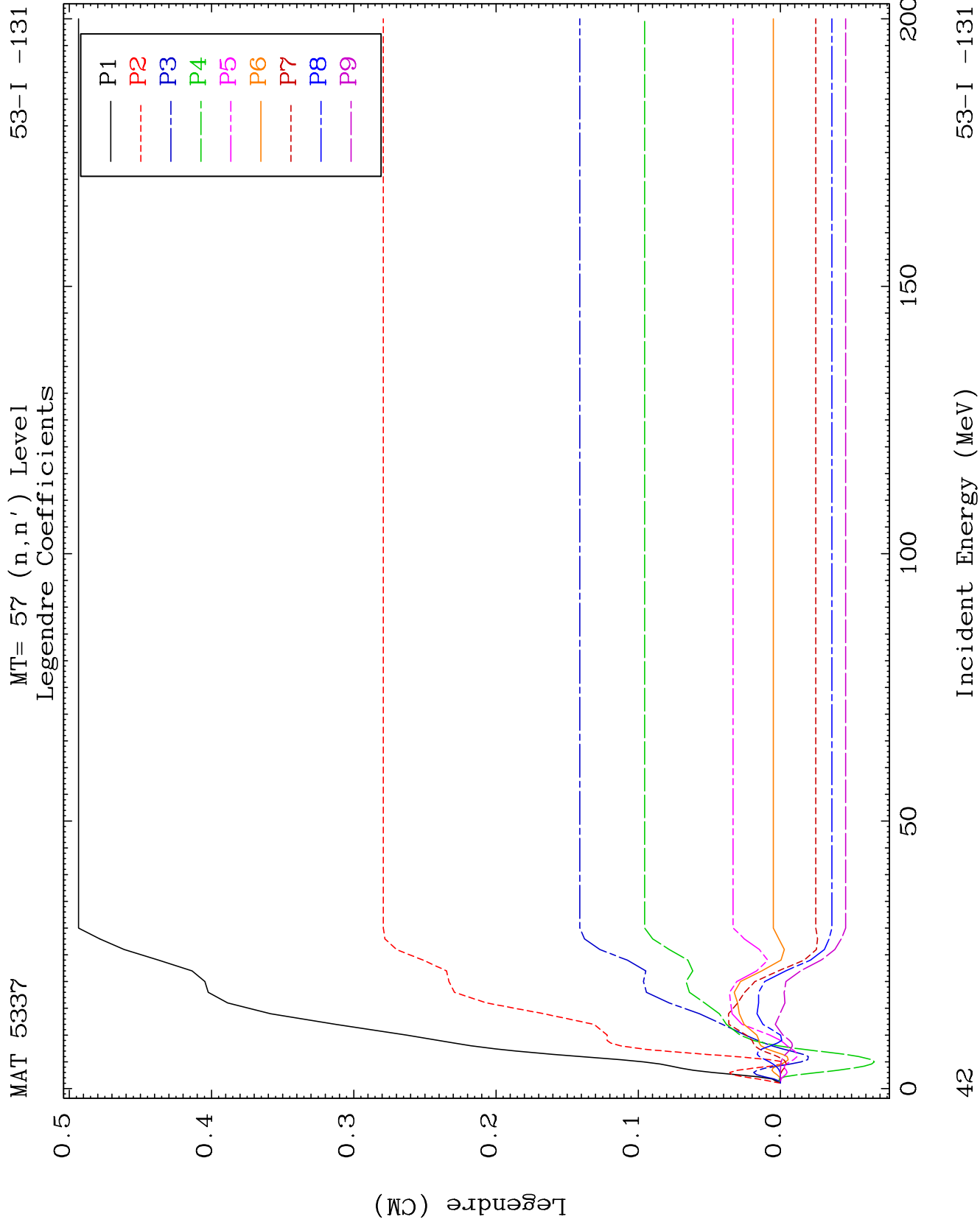
40

Incident Energy (MeV)

200

53-I -131

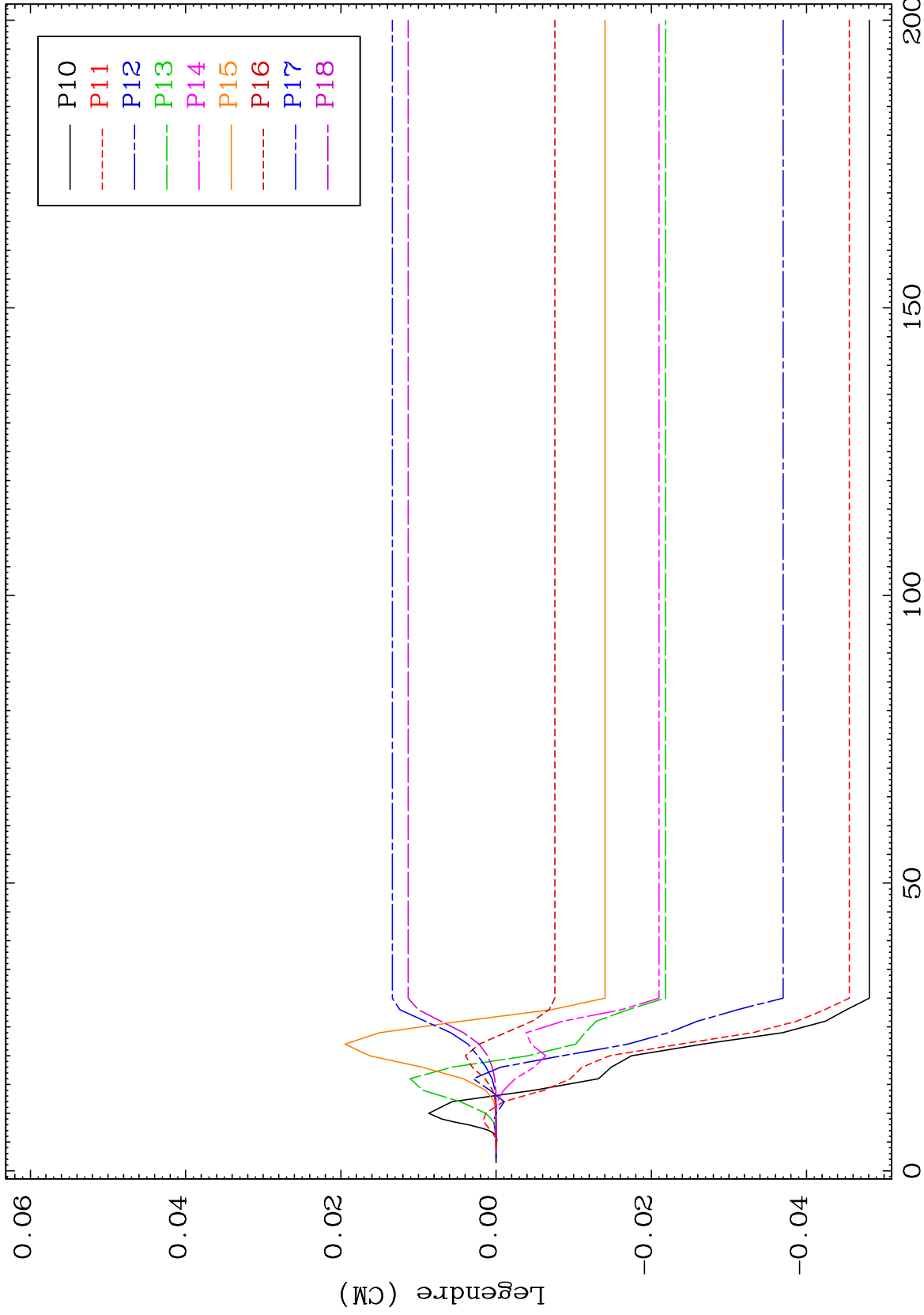




MAT 5337

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

53-I -131



43

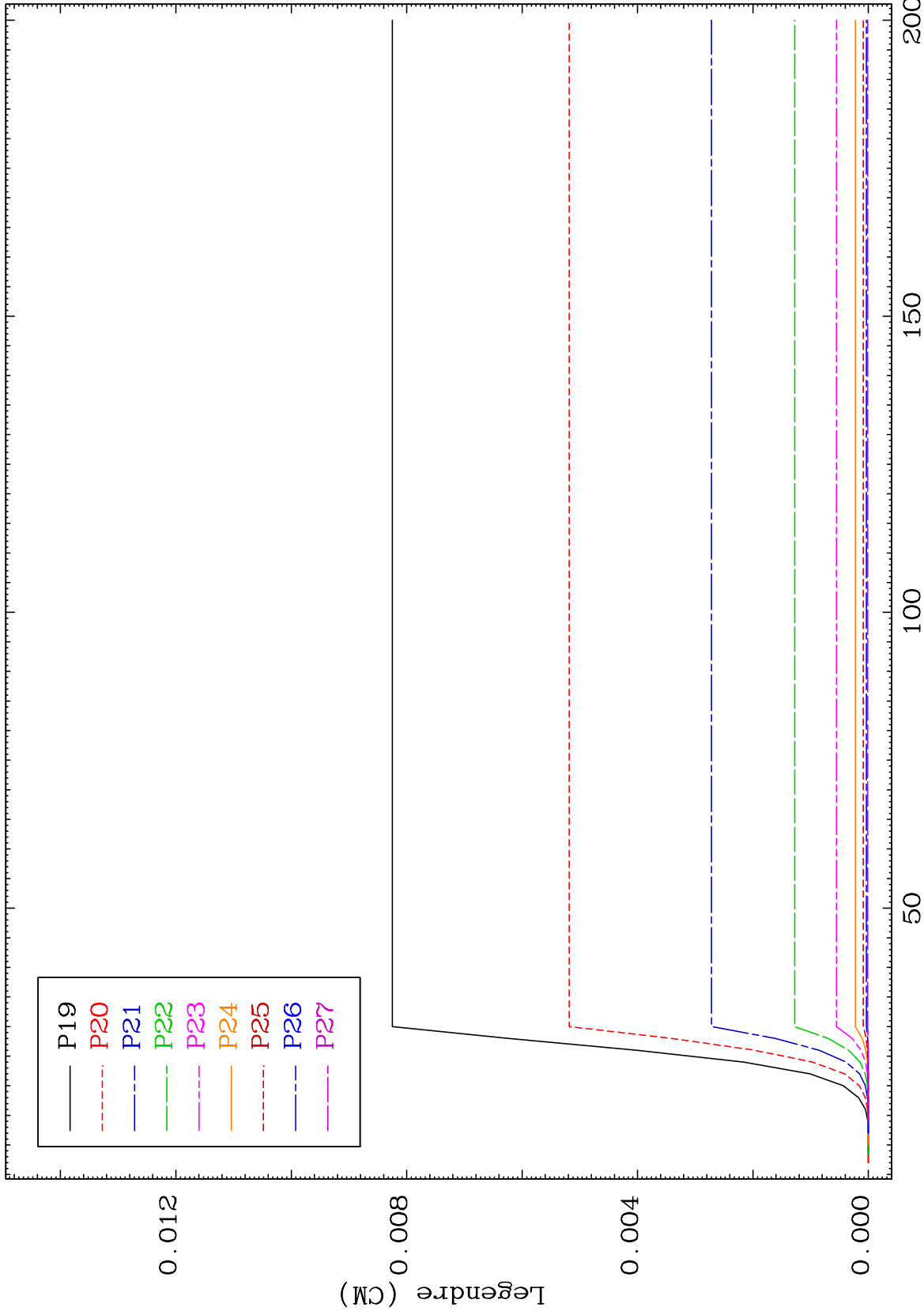
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



44

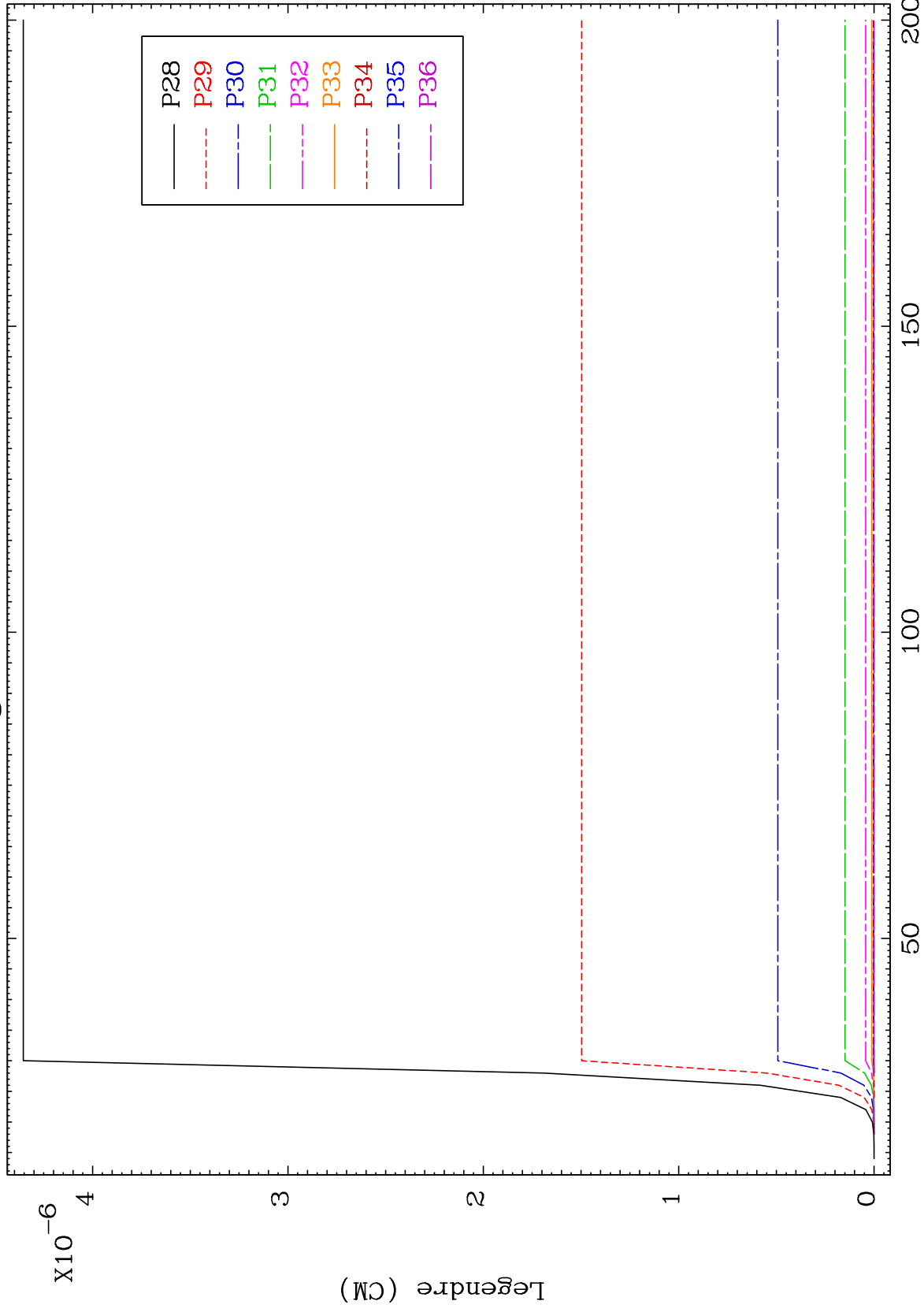
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



45

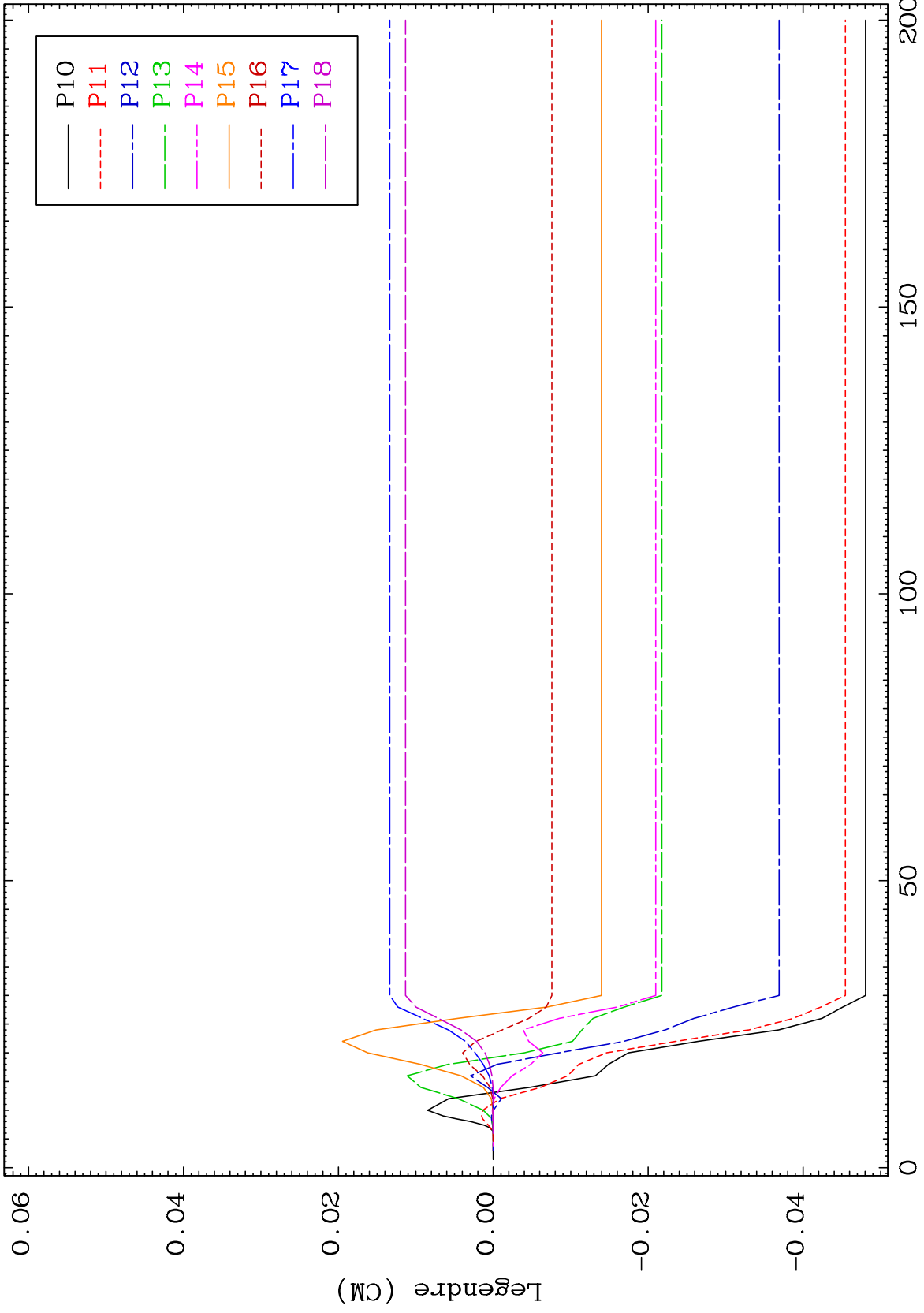
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



47

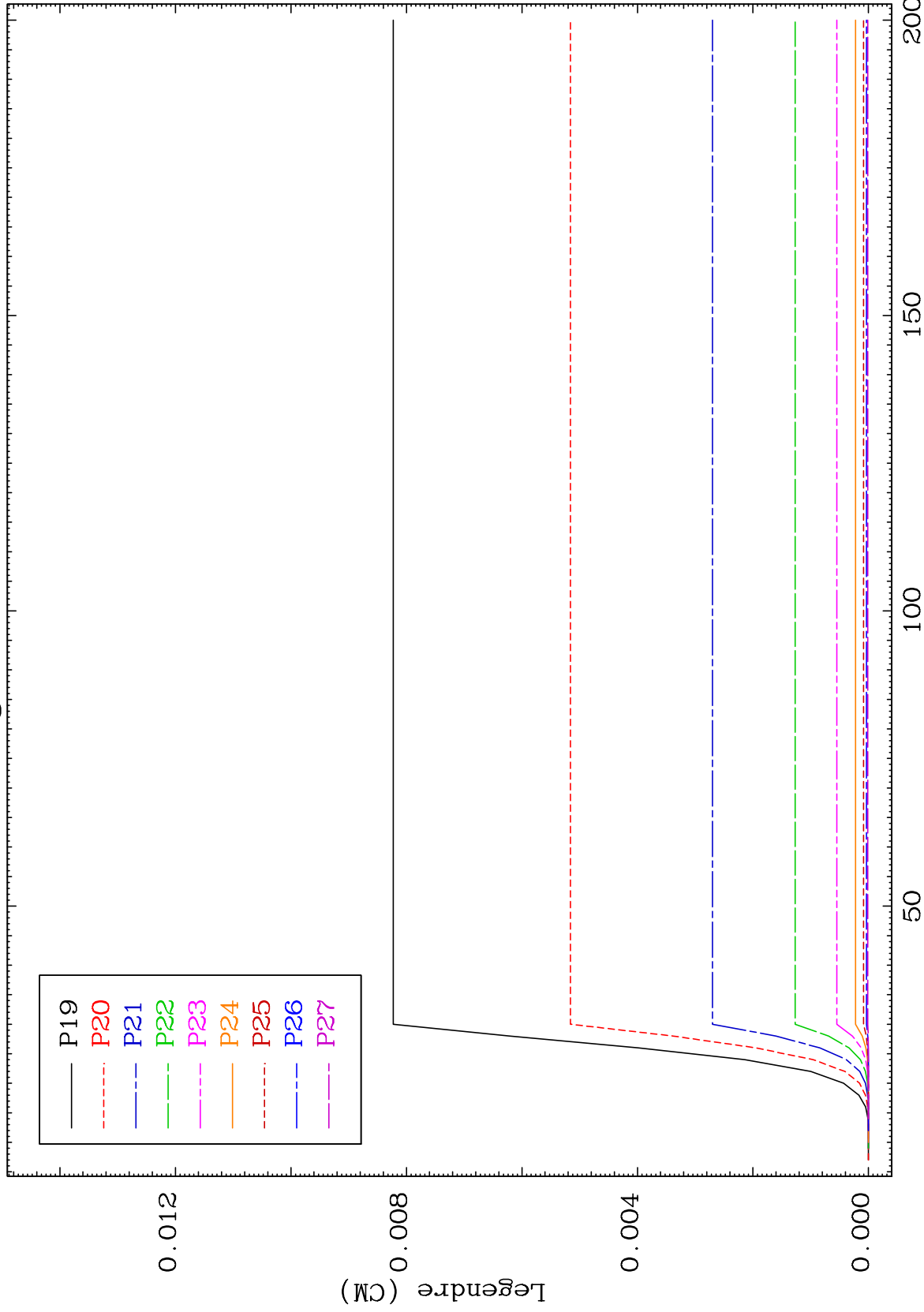
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



48

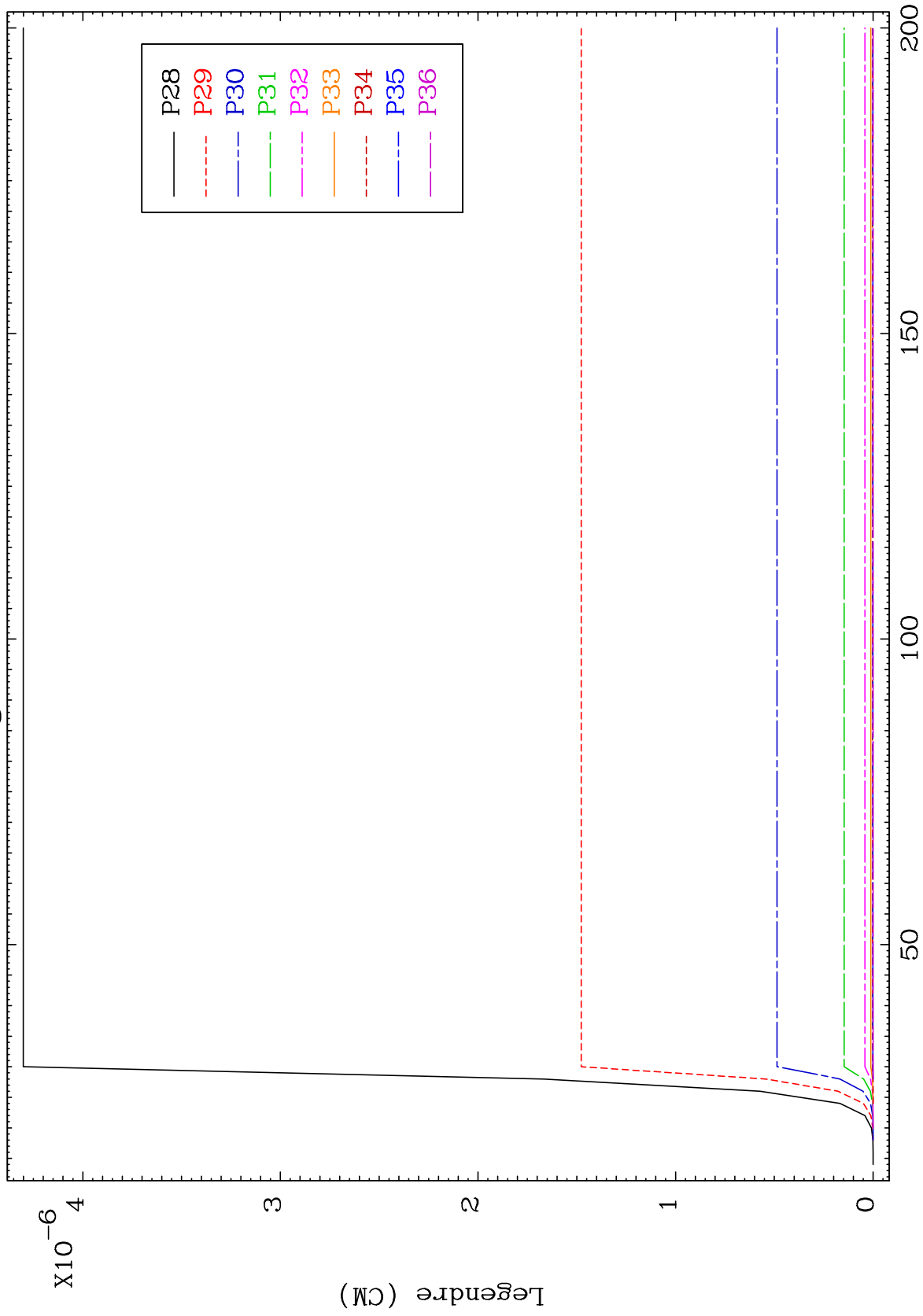
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



49

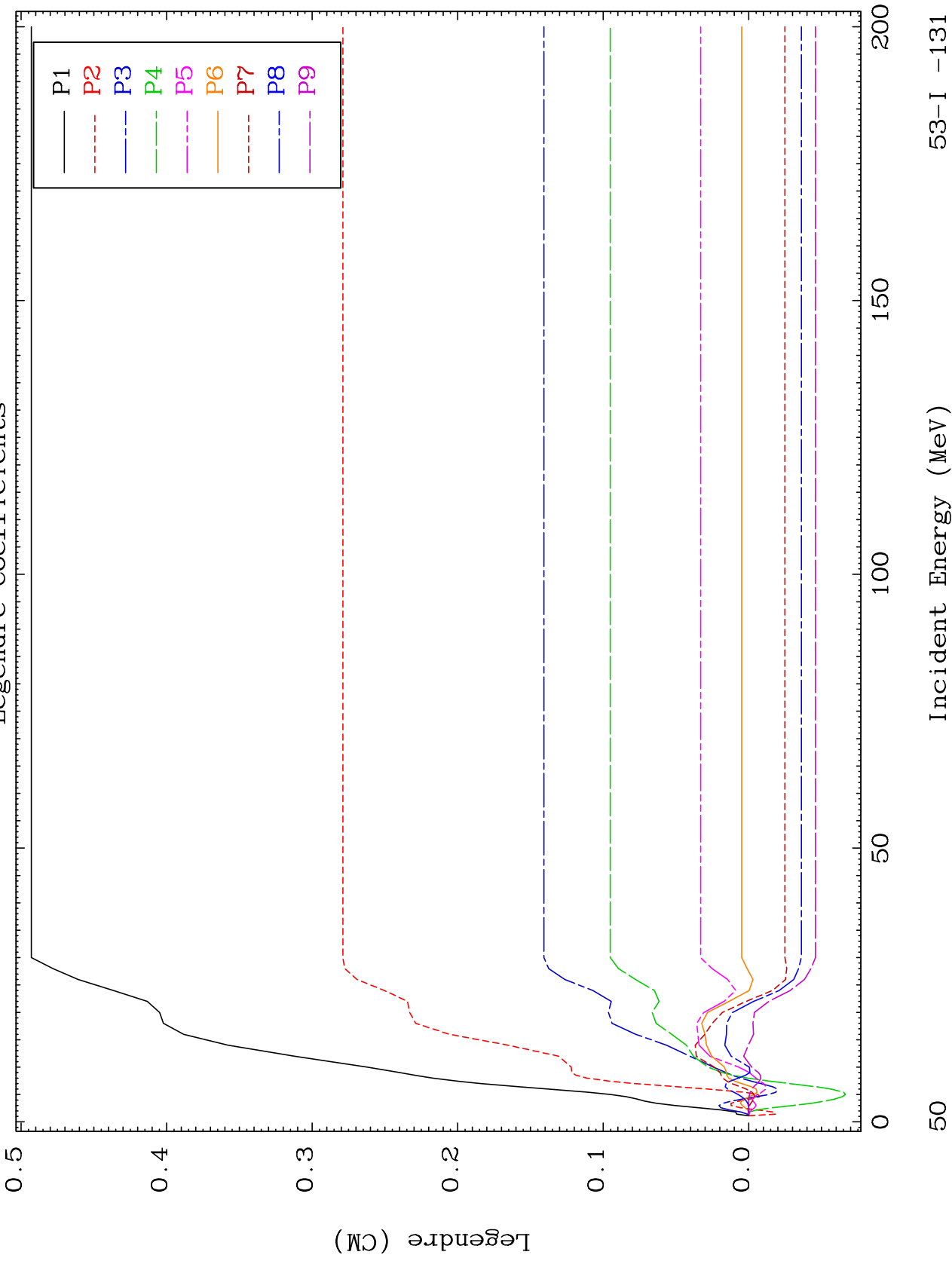
Incident Energy (MeV)

53-I -131

MAT 5337

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

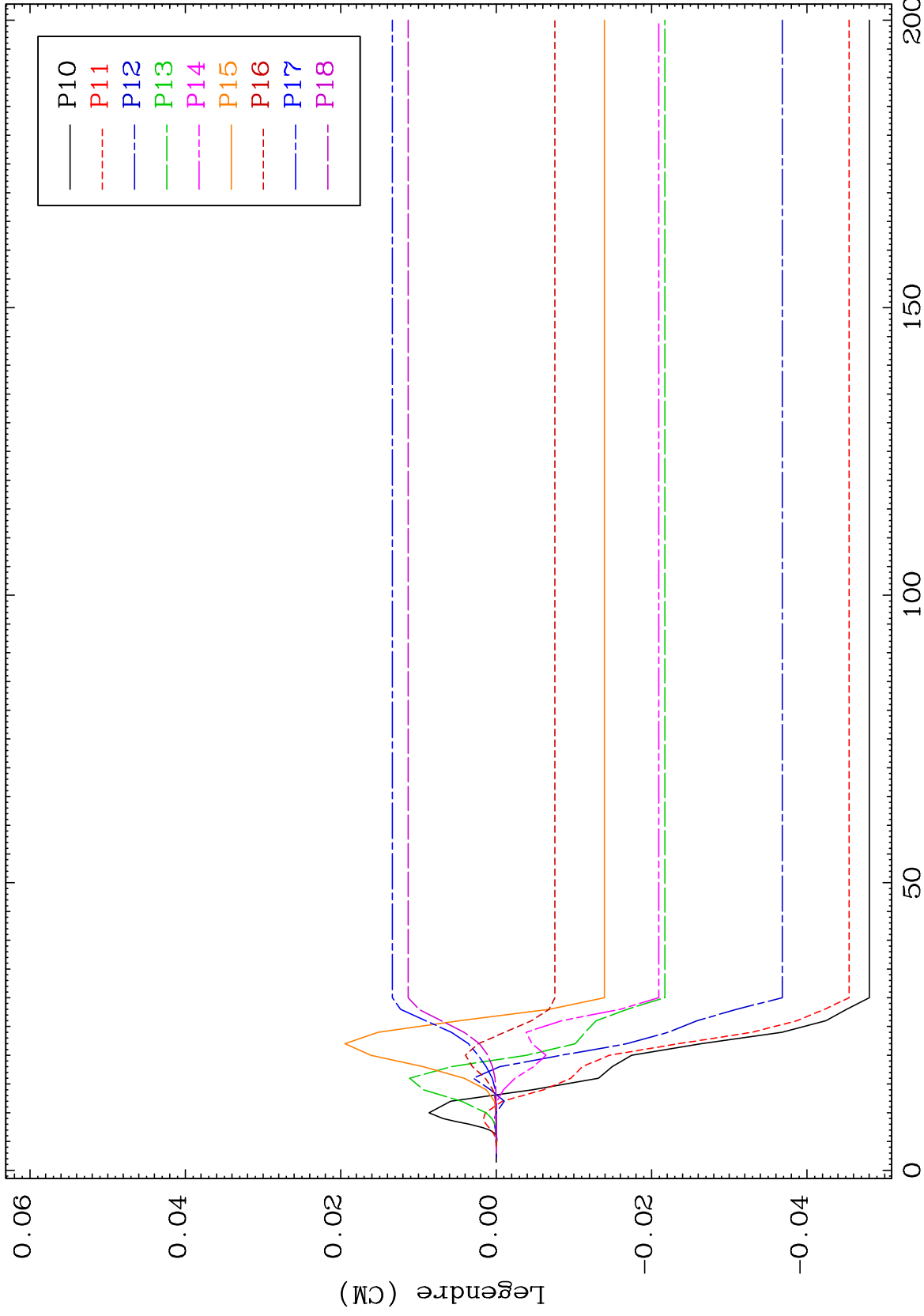
53-I -131



MAT 5337

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

53-I -131



51

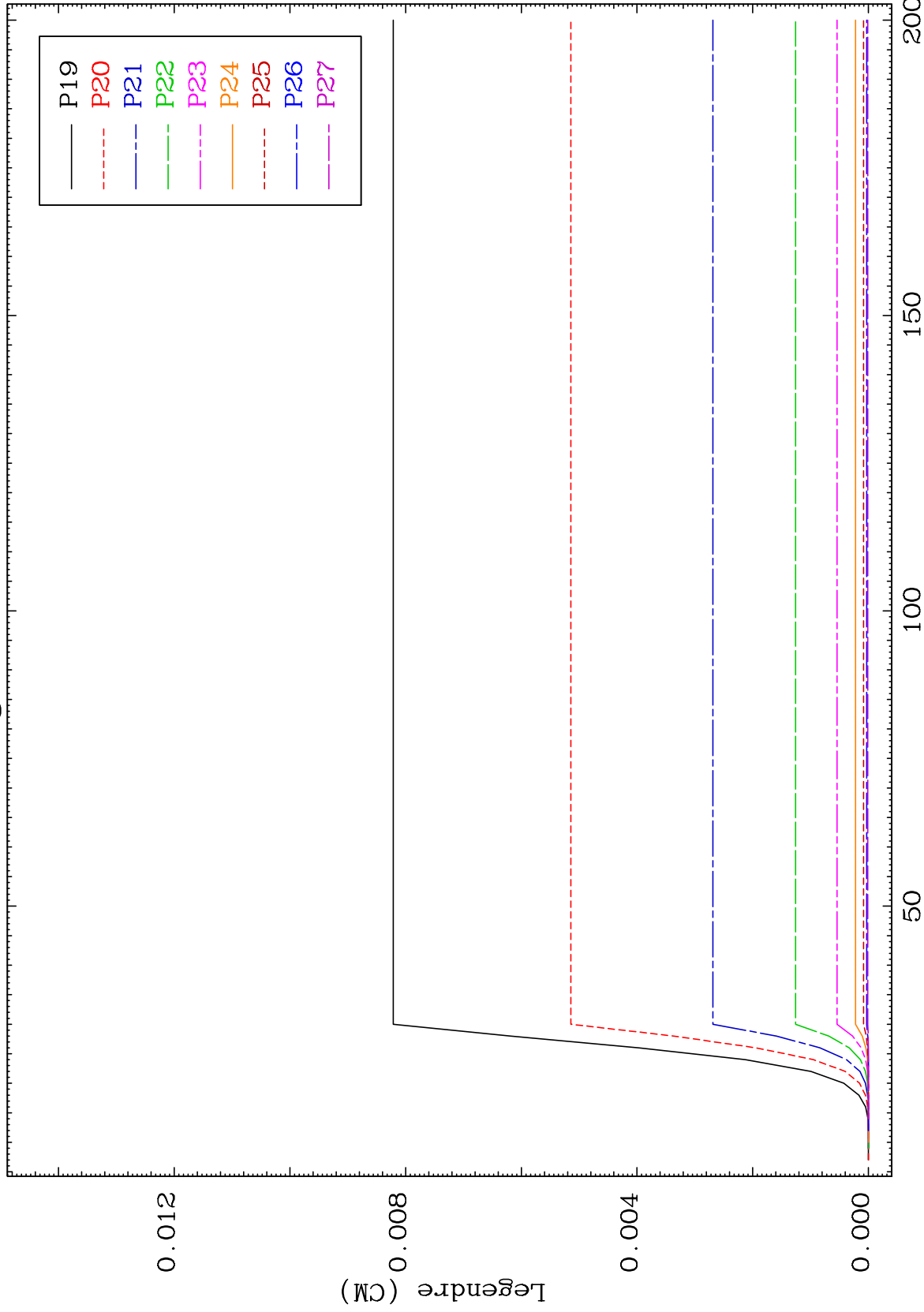
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



52

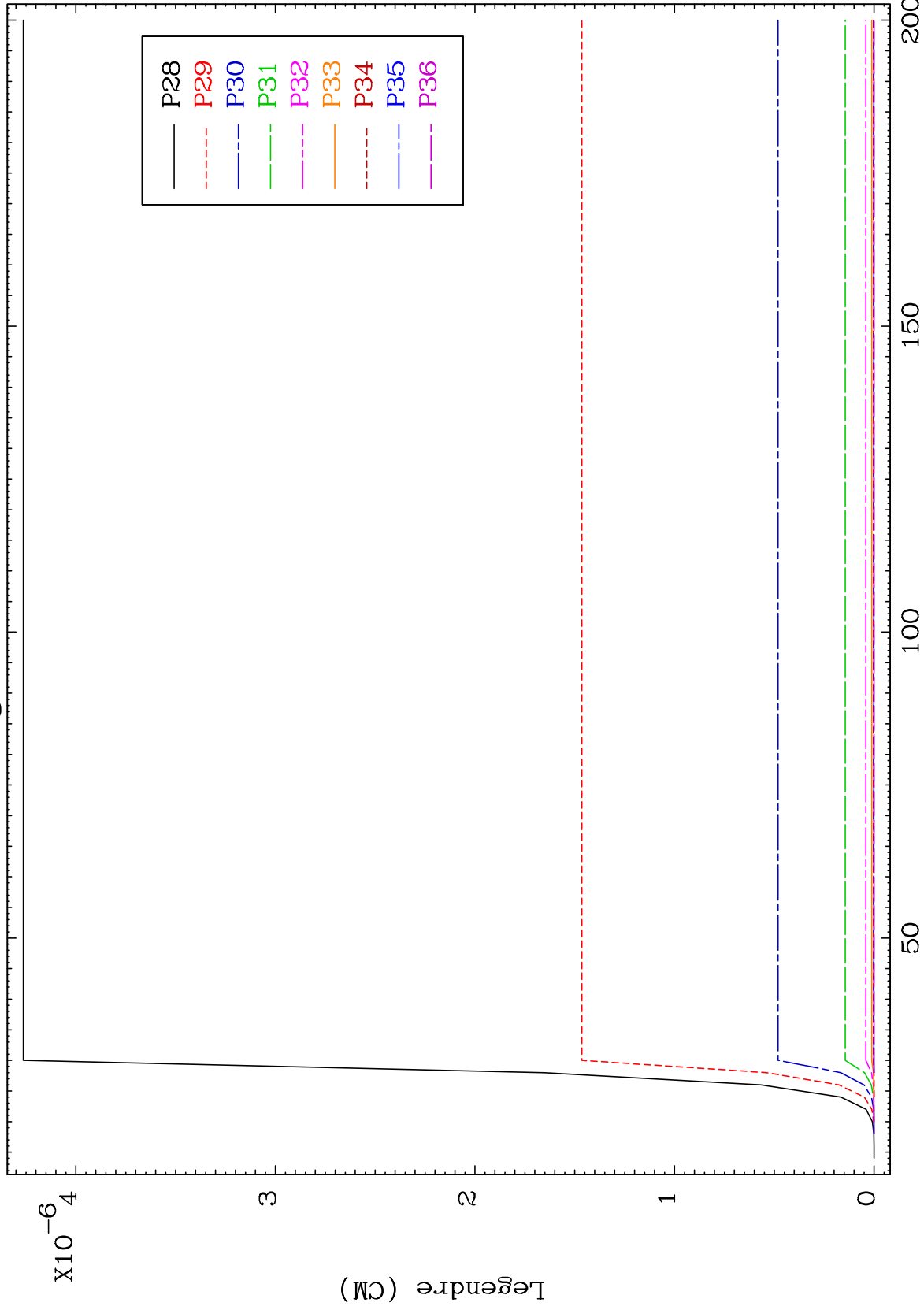
Incident Energy (MeV)

53-I -131

MAT 5337

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

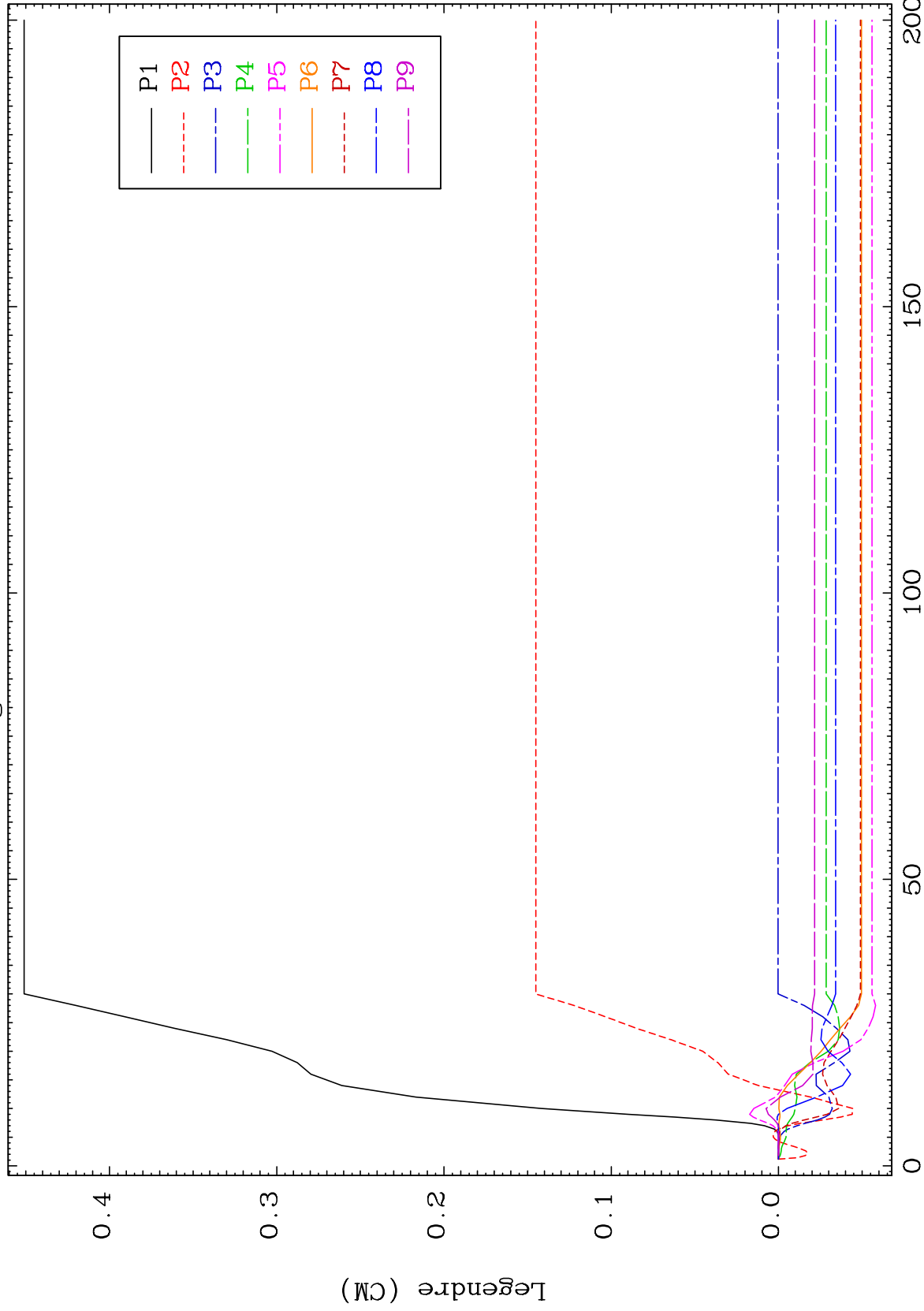
53-I -131



53

Incident Energy (MeV)

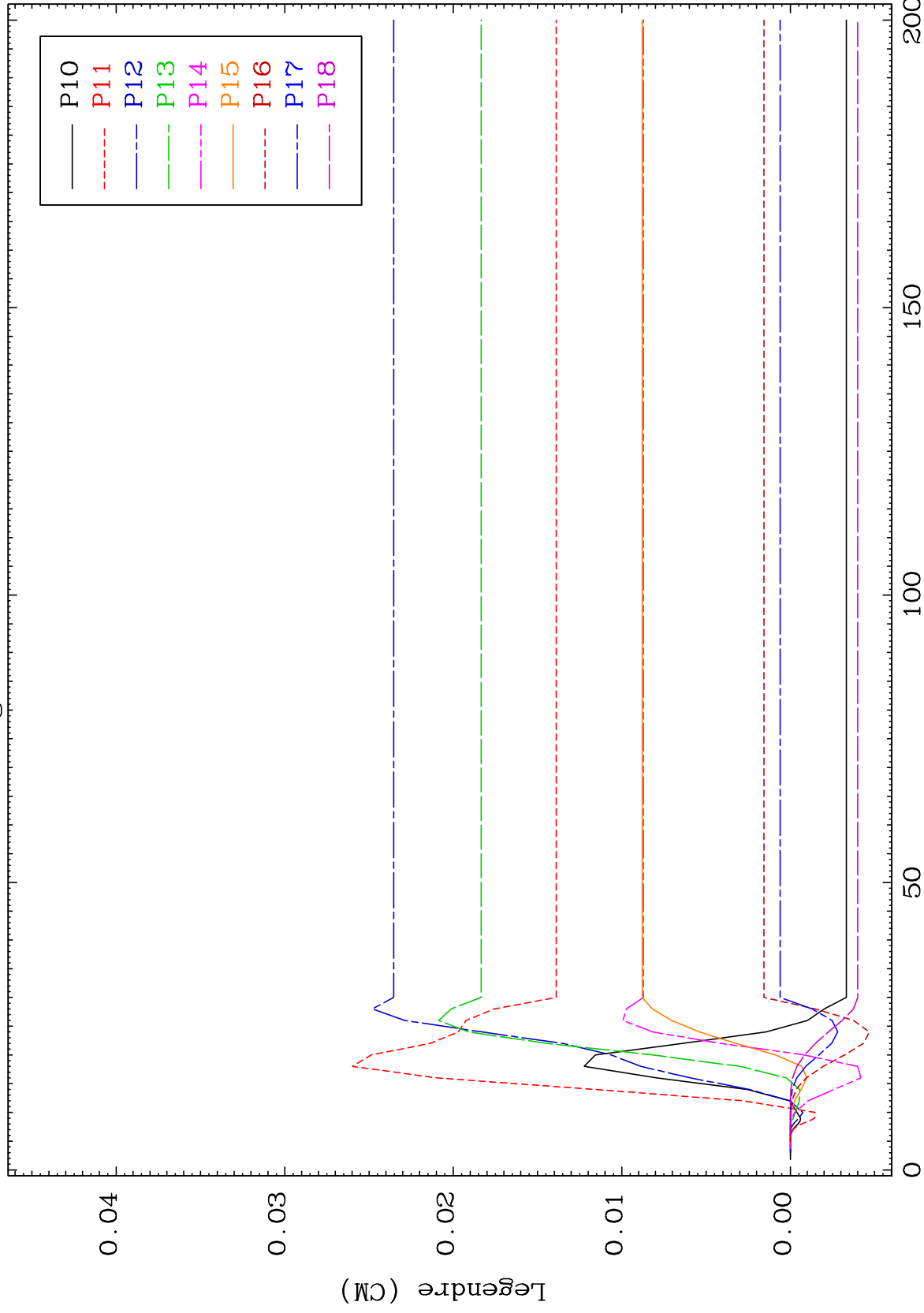
53-I -131



MAT 5337

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

53-I -131



55

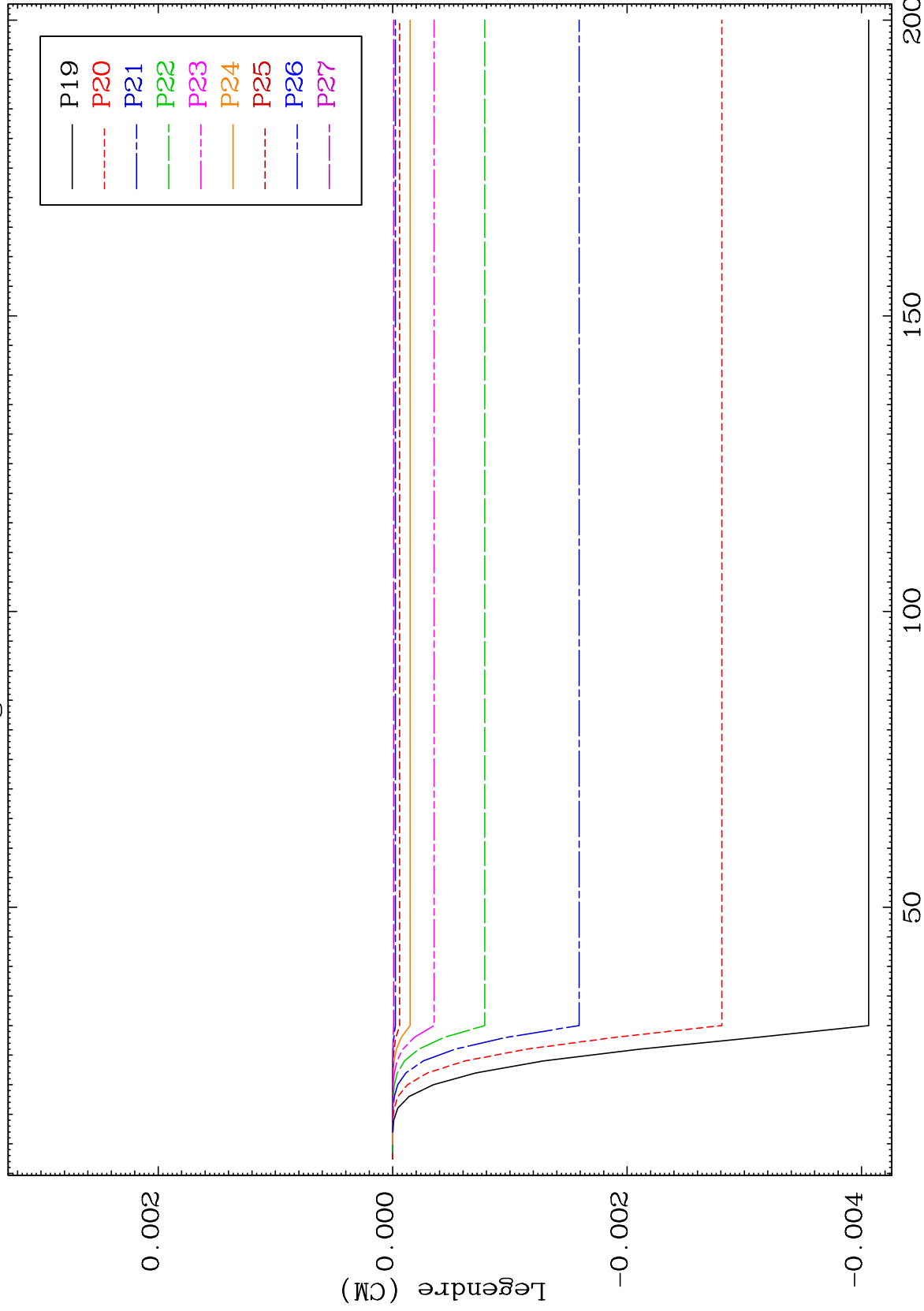
Incident Energy (MeV)

53-I -131

MAT 5337

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

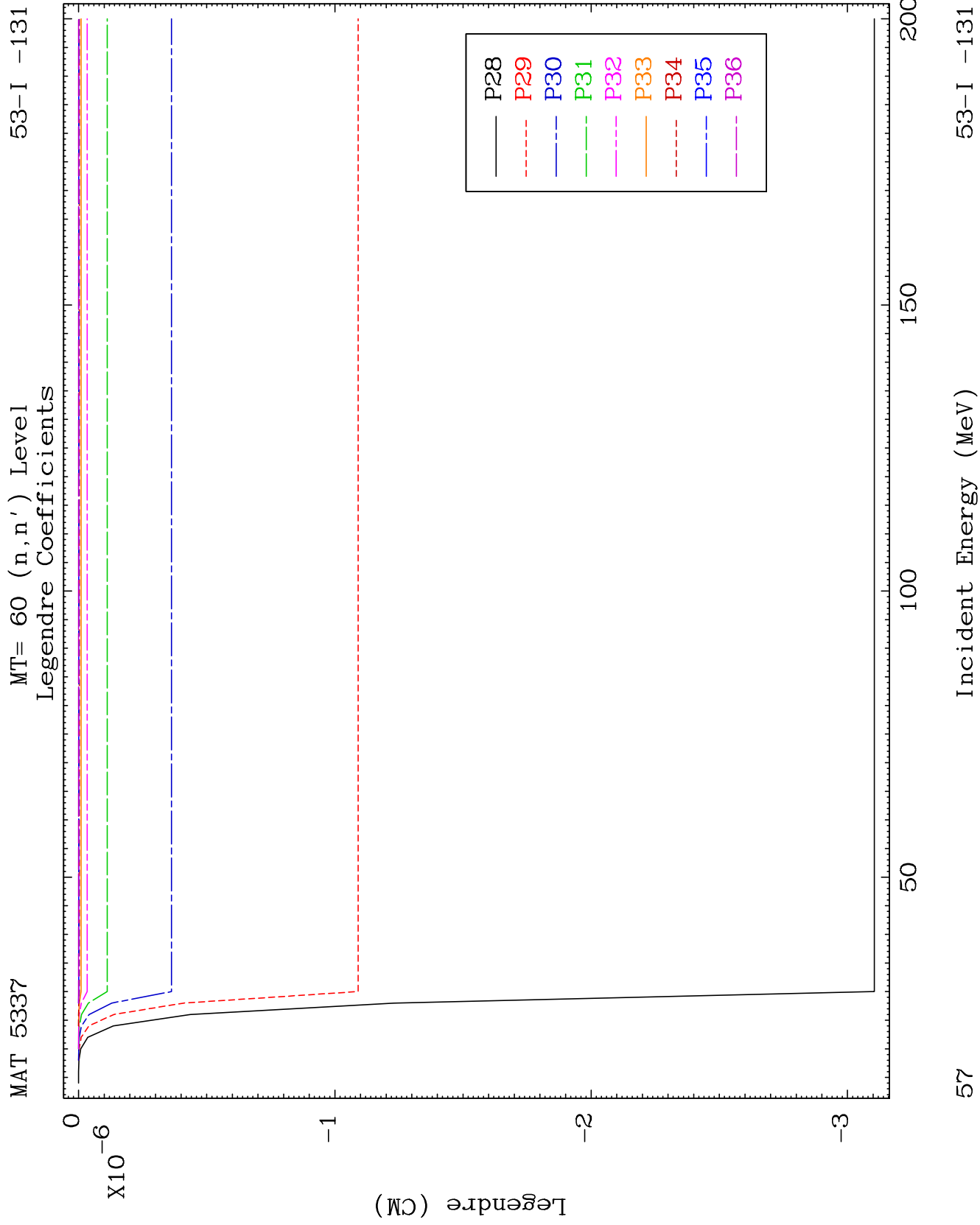
53-I -131



56

Incident Energy (MeV)

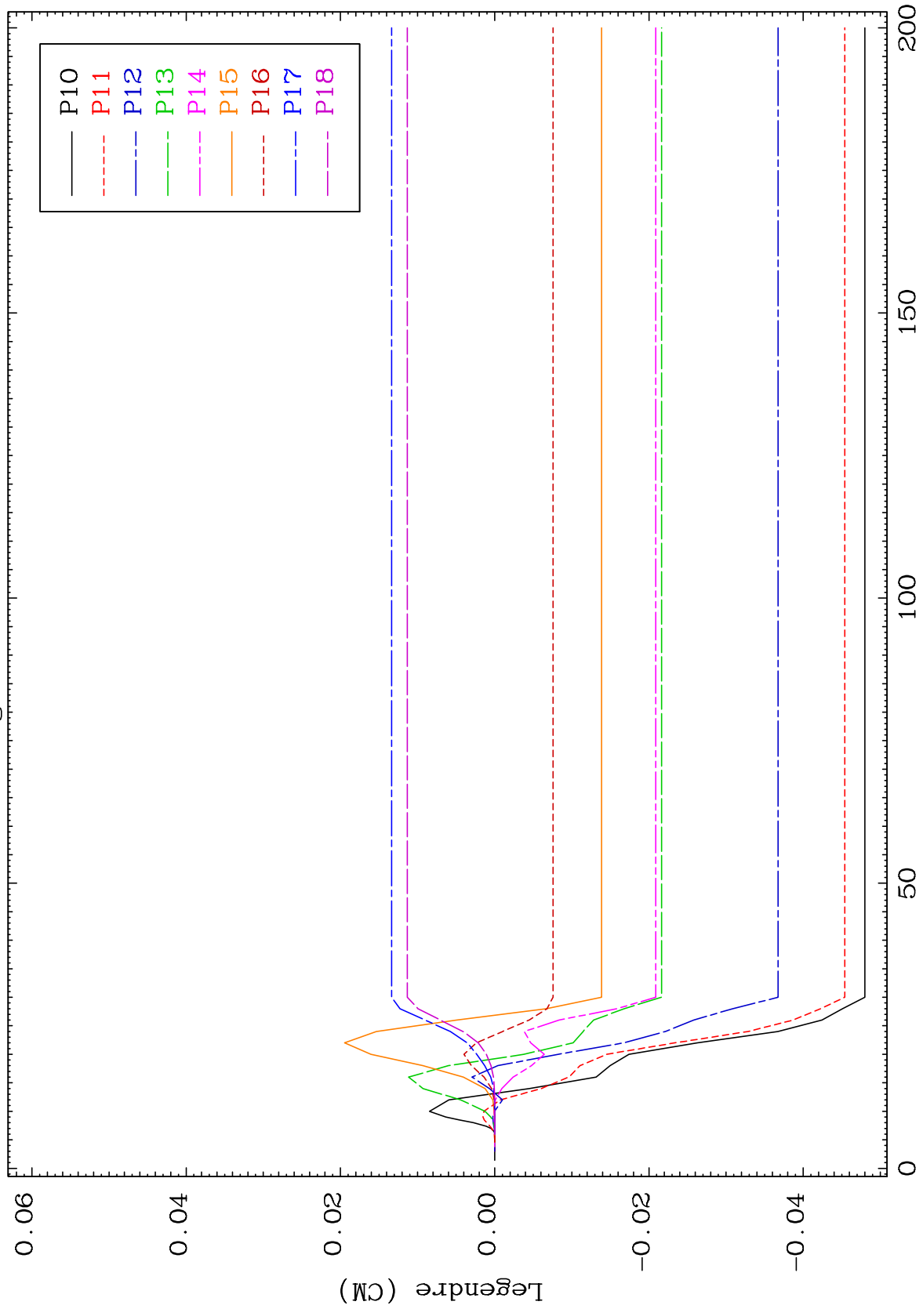
53-I -131



MAT 5337

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

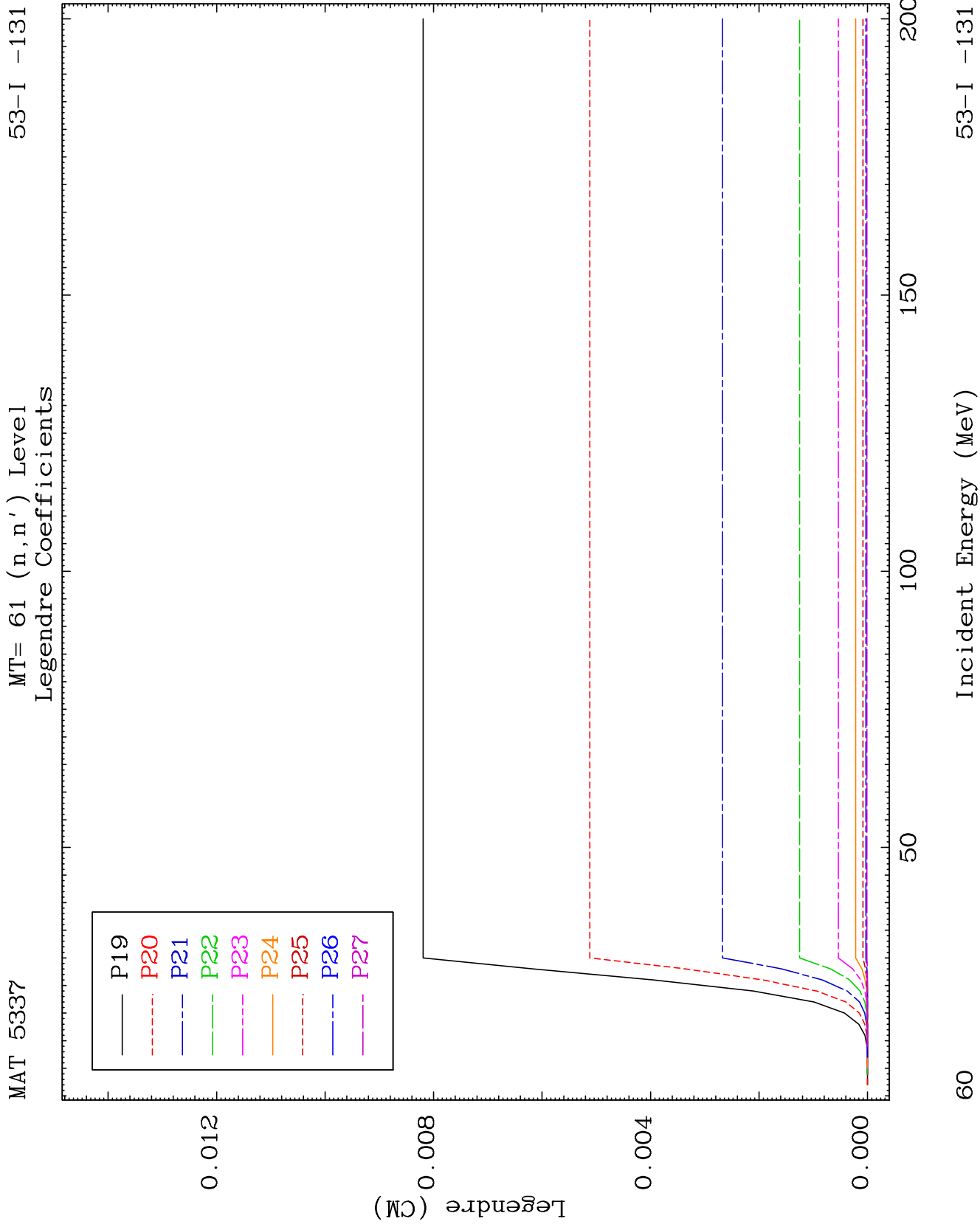
53-I -131



65

Incident Energy (MeV)

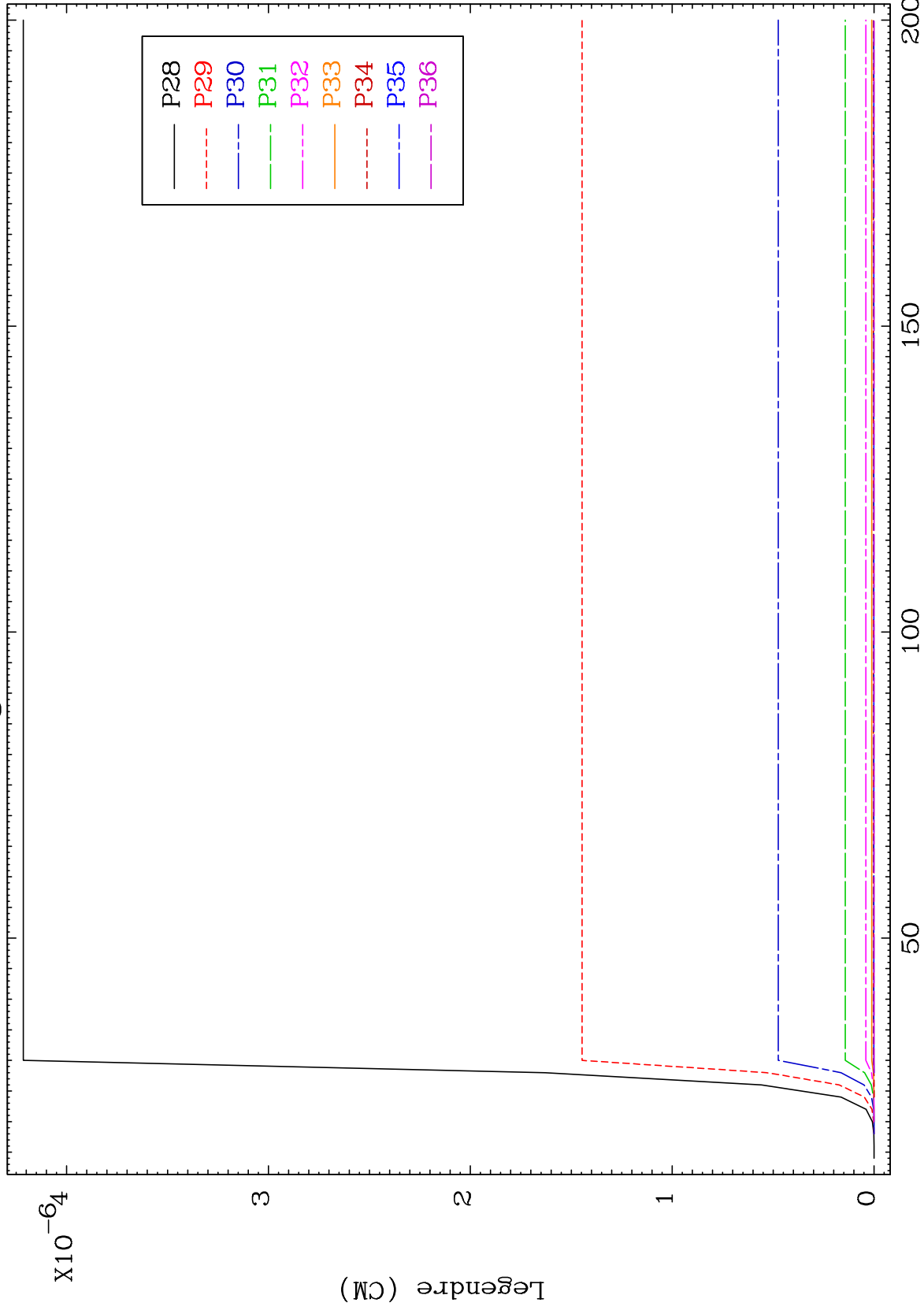
53-I -131



MAT 5337

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

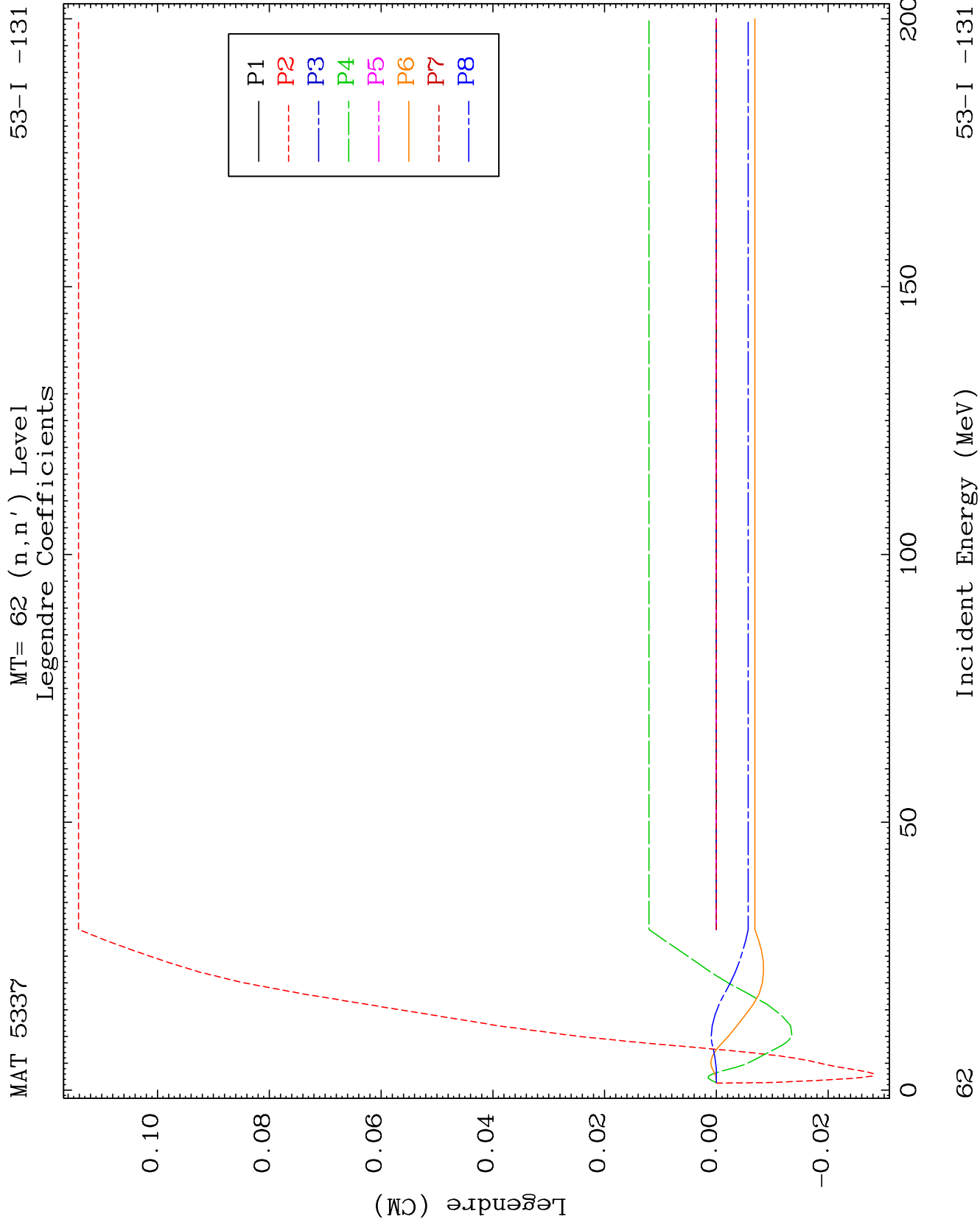
53-I -131



61

Incident Energy (MeV)

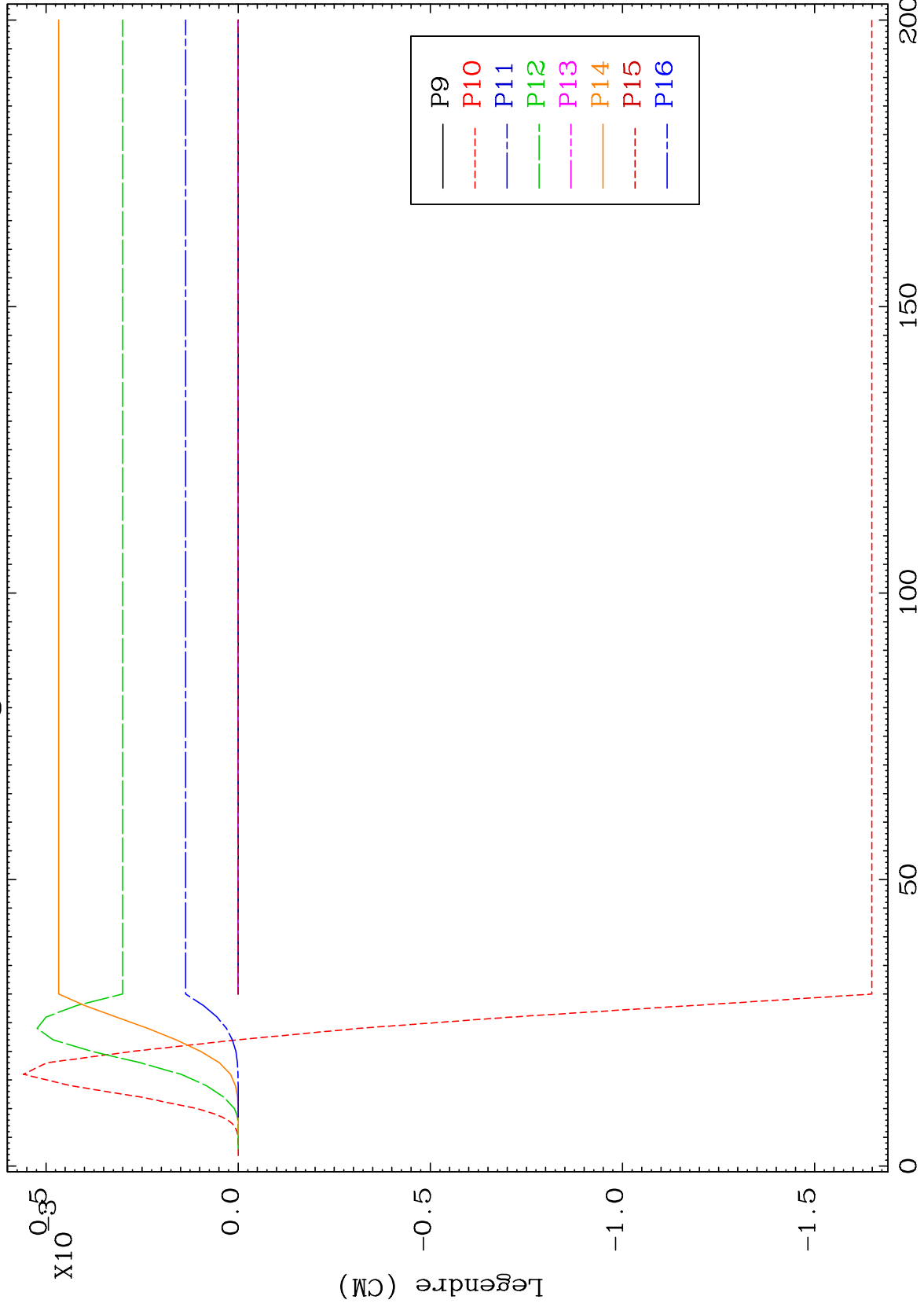
53-I -131



MAT 5337

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

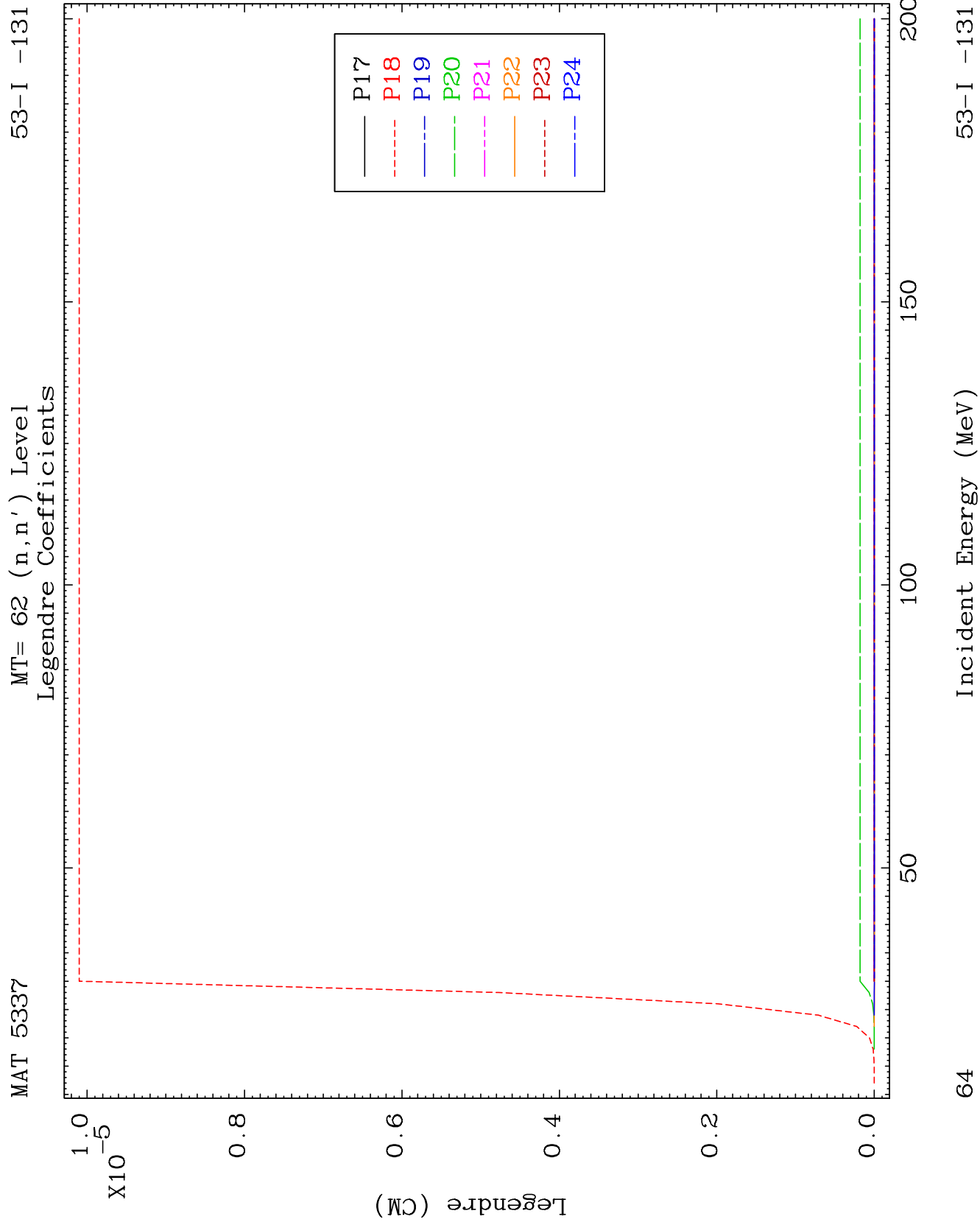
53-I -131



63

Incident Energy (MeV)

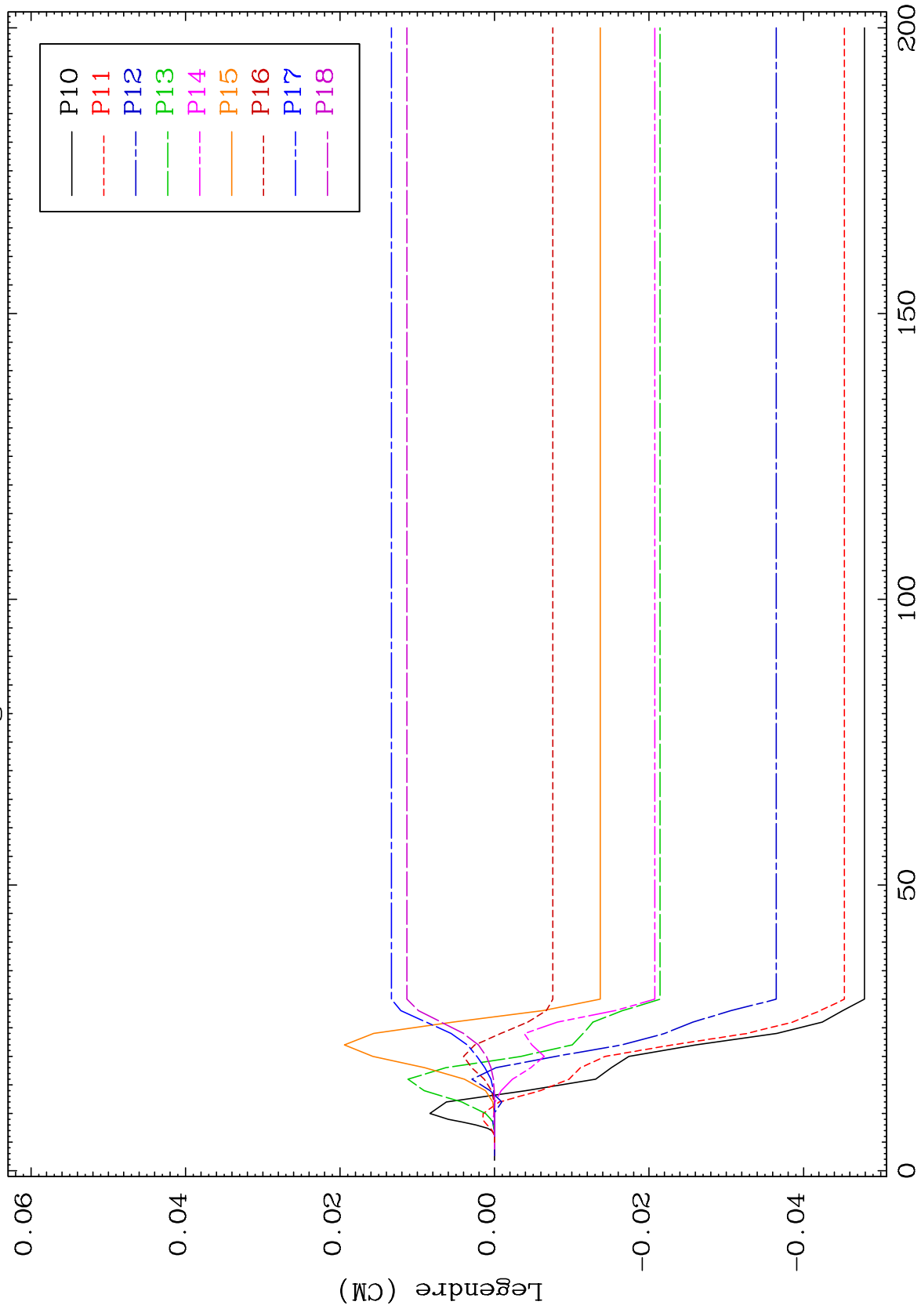
53-I -131



MAT 5337

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

53-I -131



99

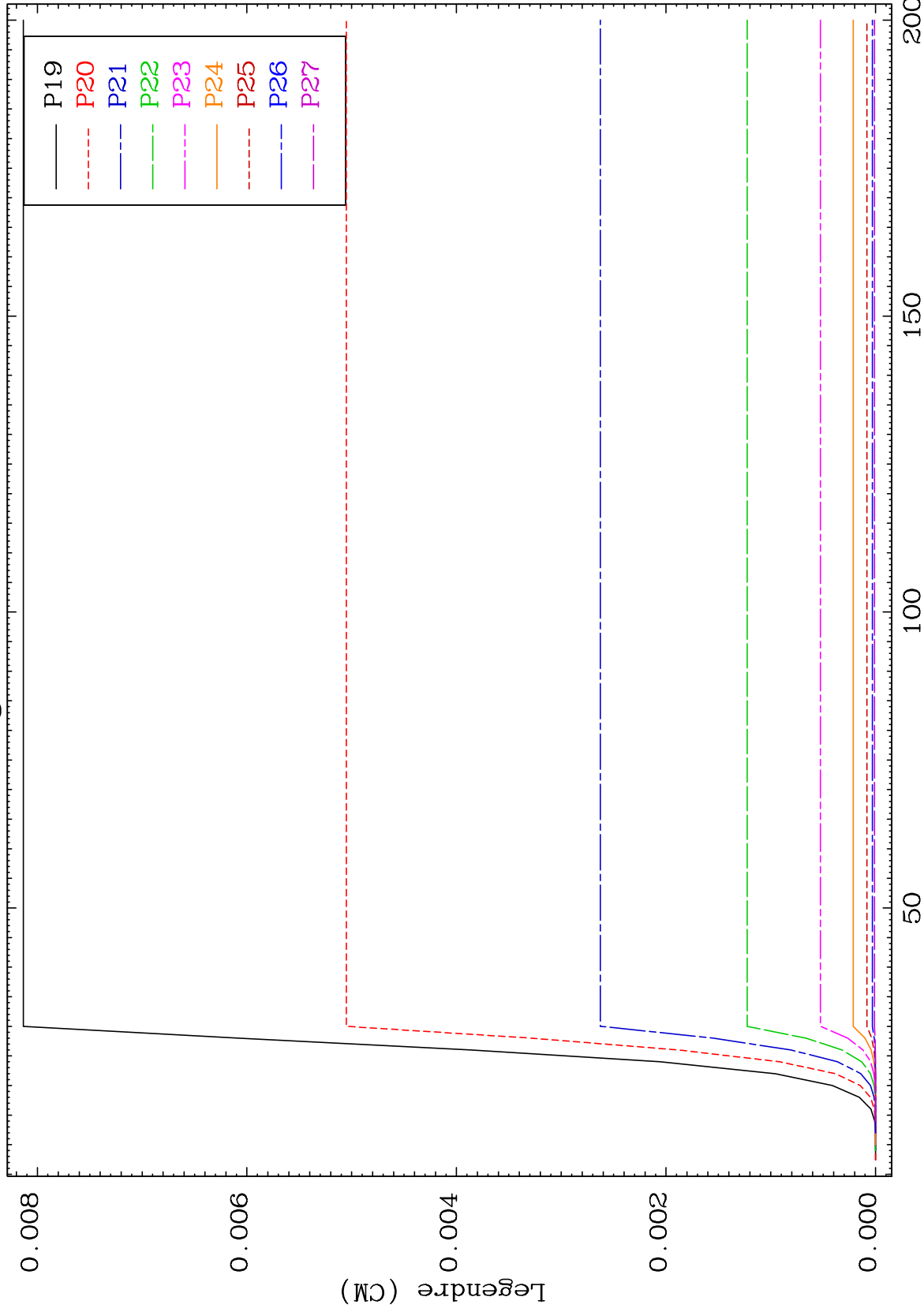
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



67

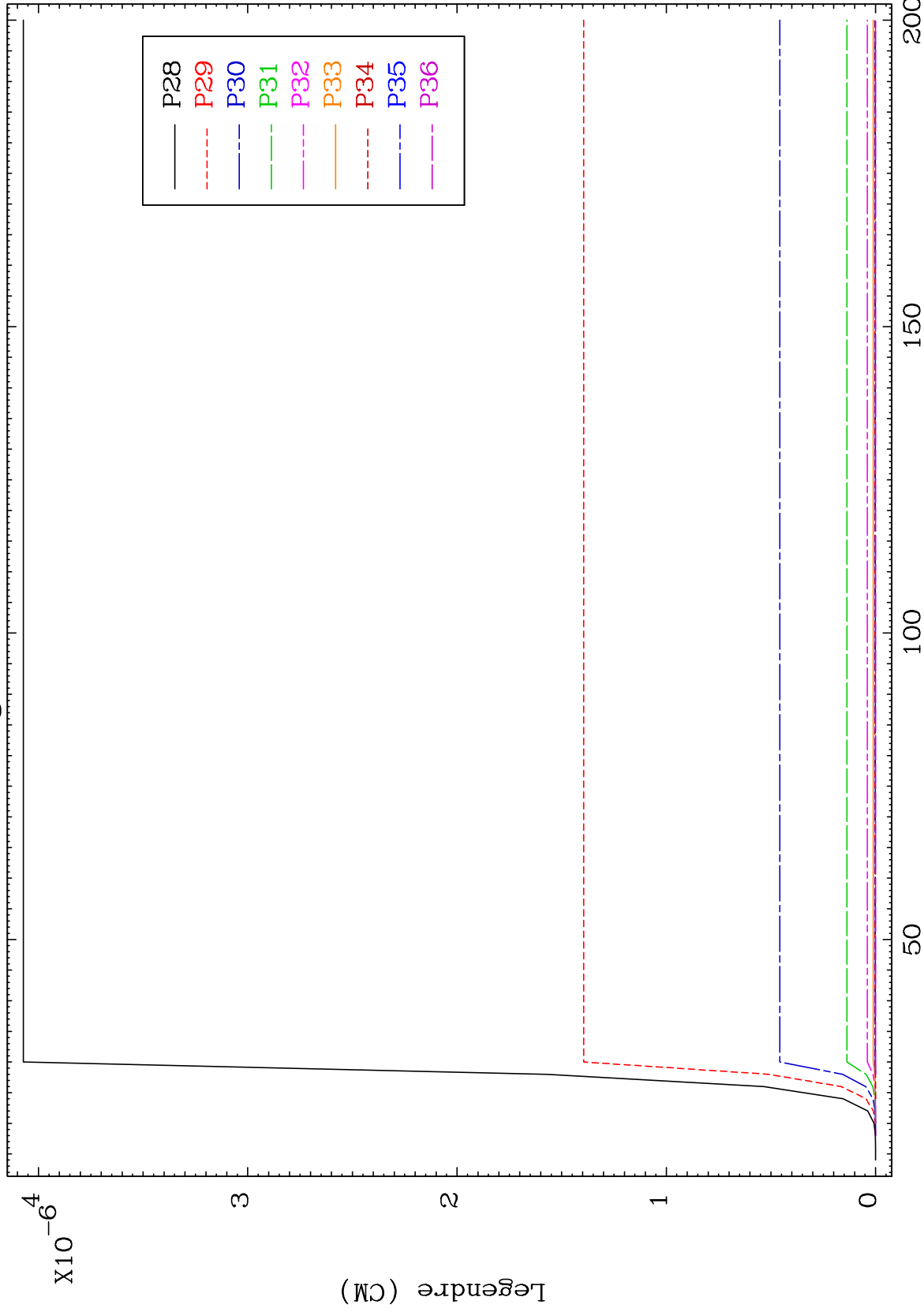
Incident Energy (MeV)

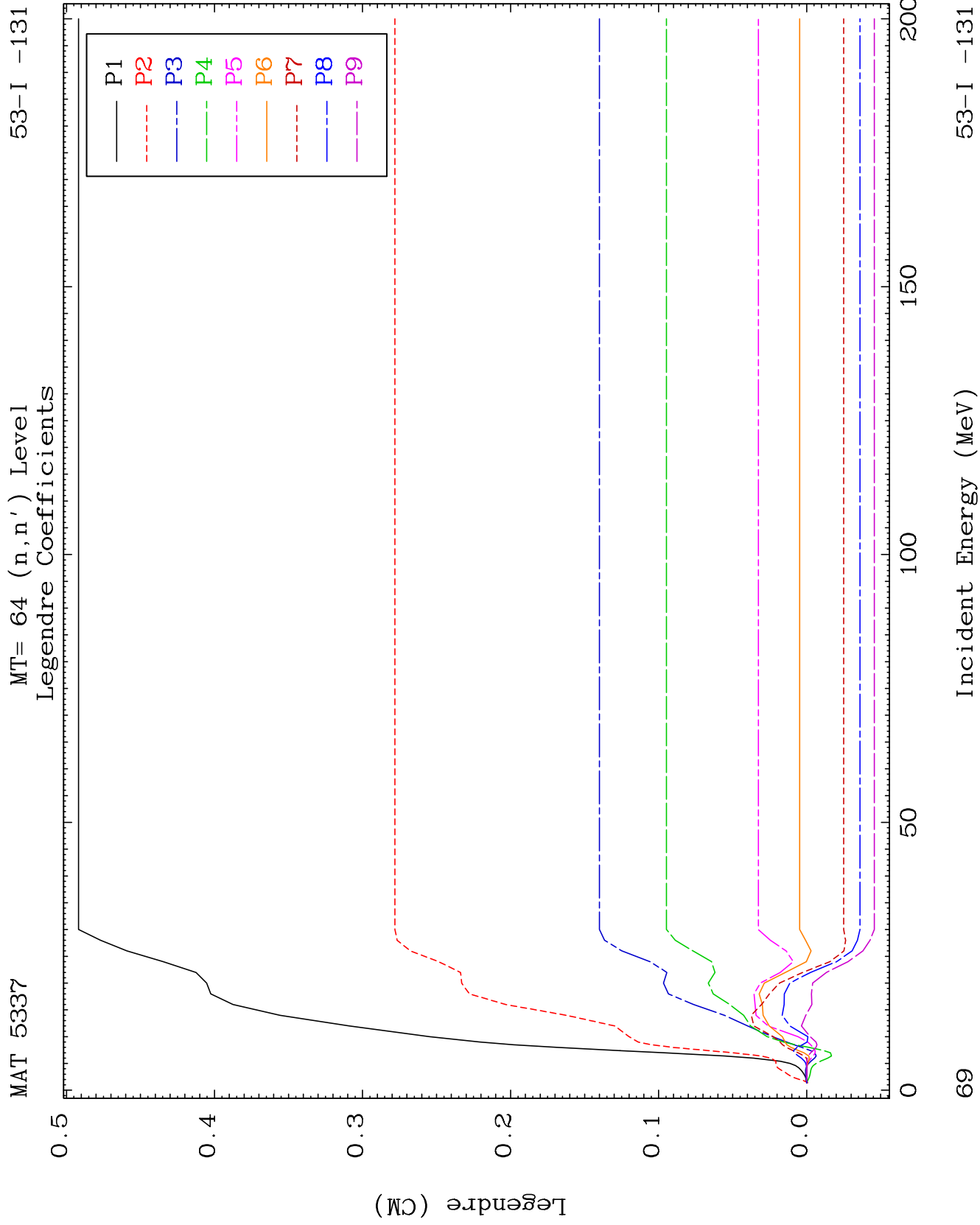
53-I -131

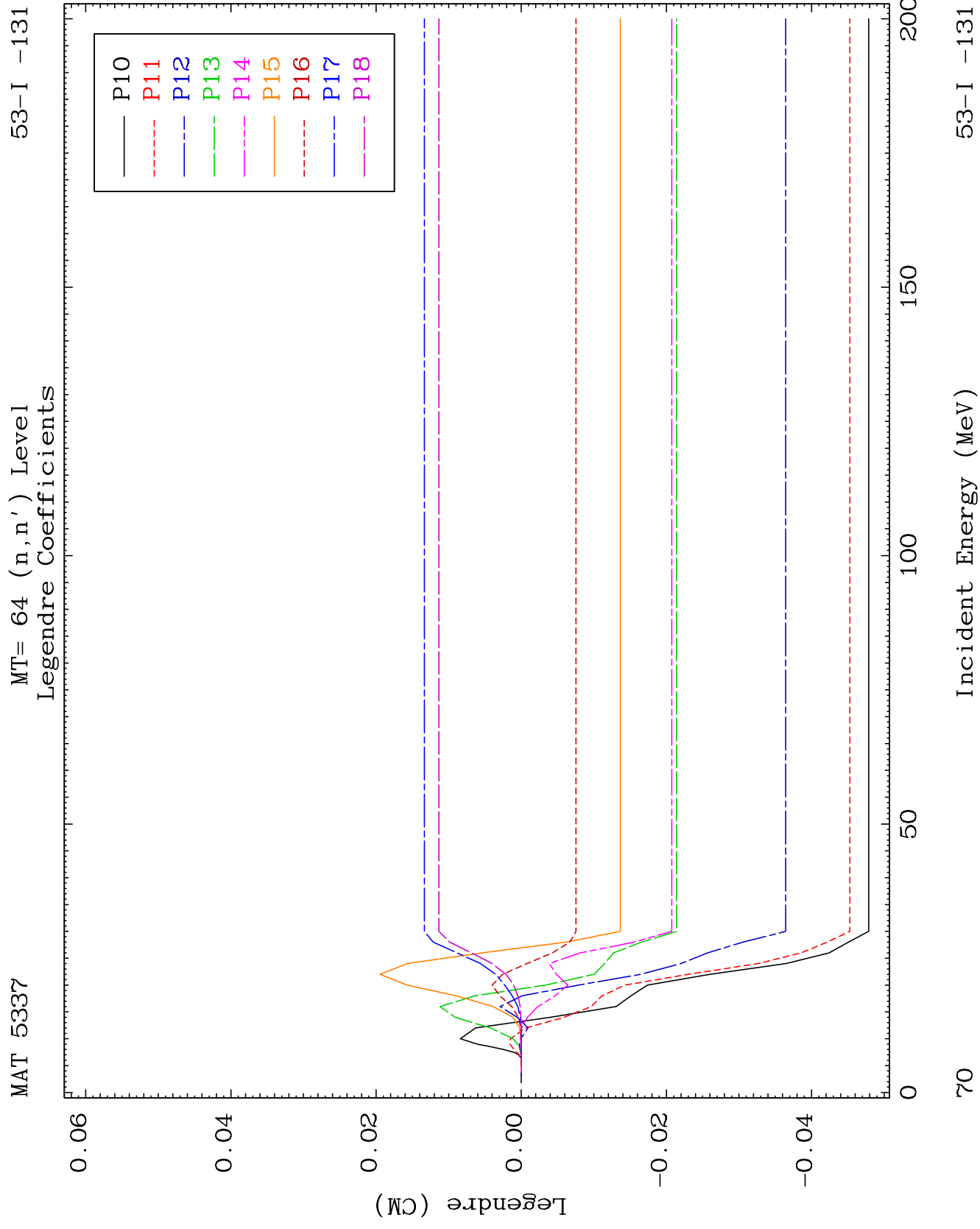
MAT 5337

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

53-I -131



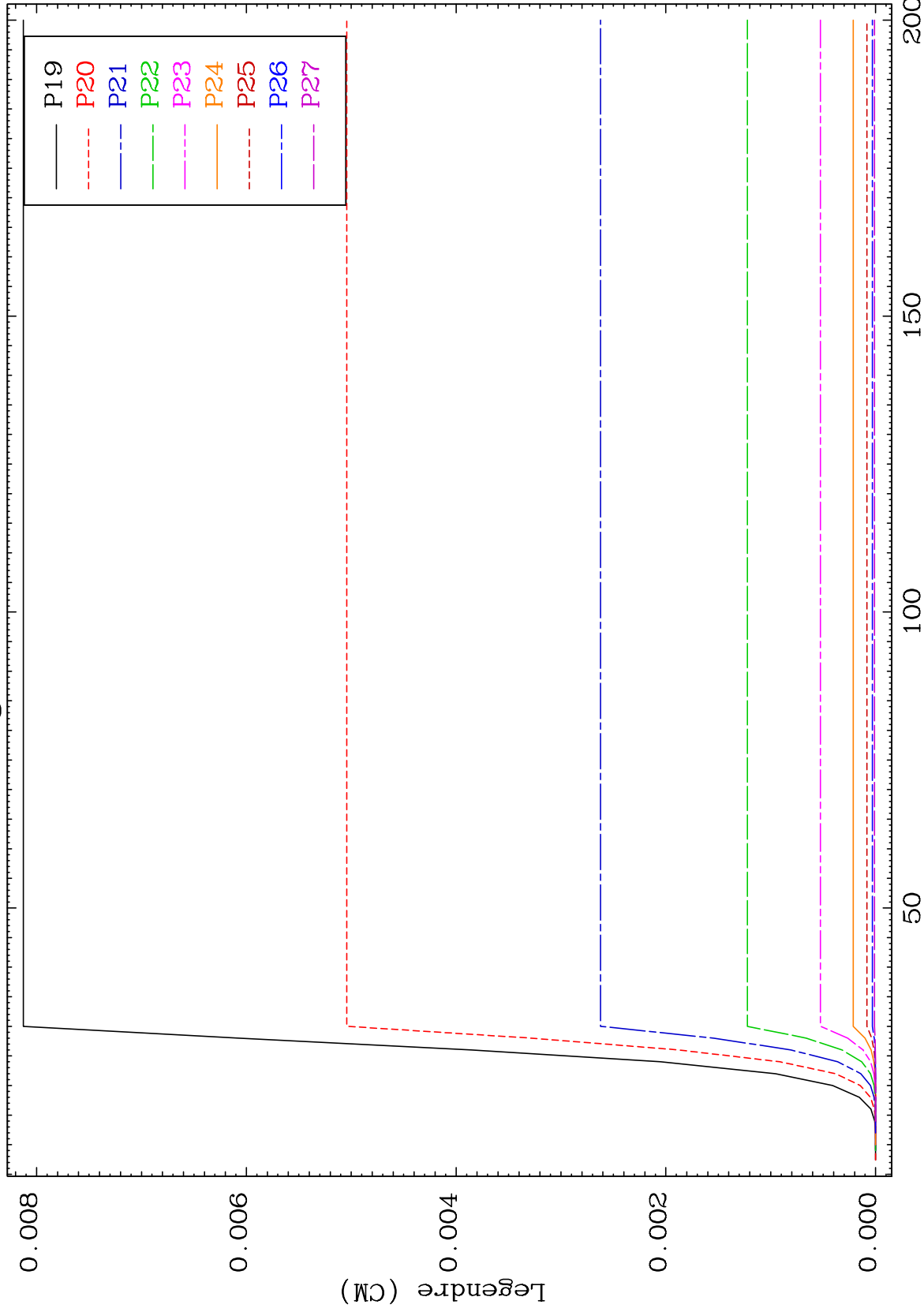




MAT 5337

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

53-I -131



71

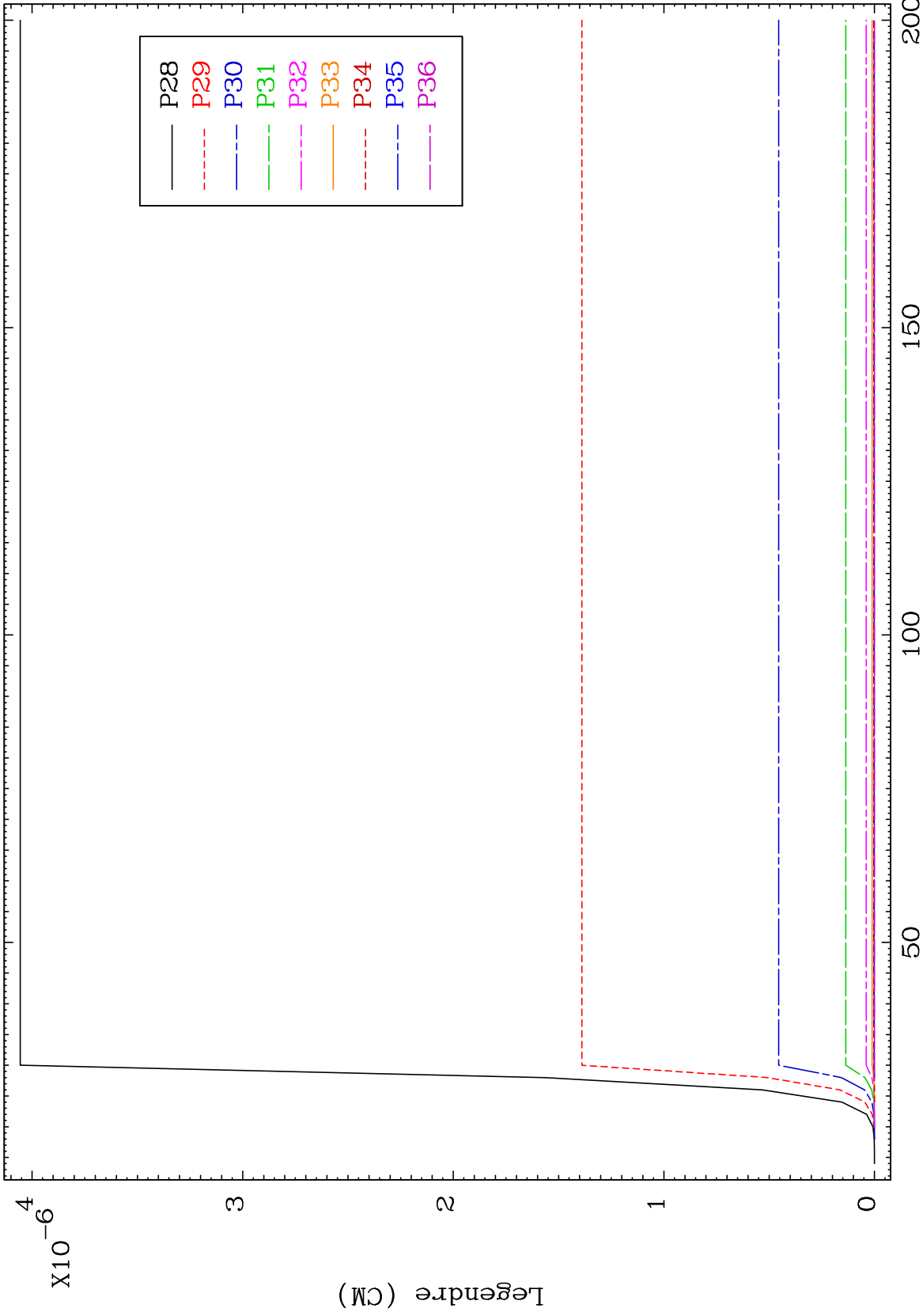
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



72

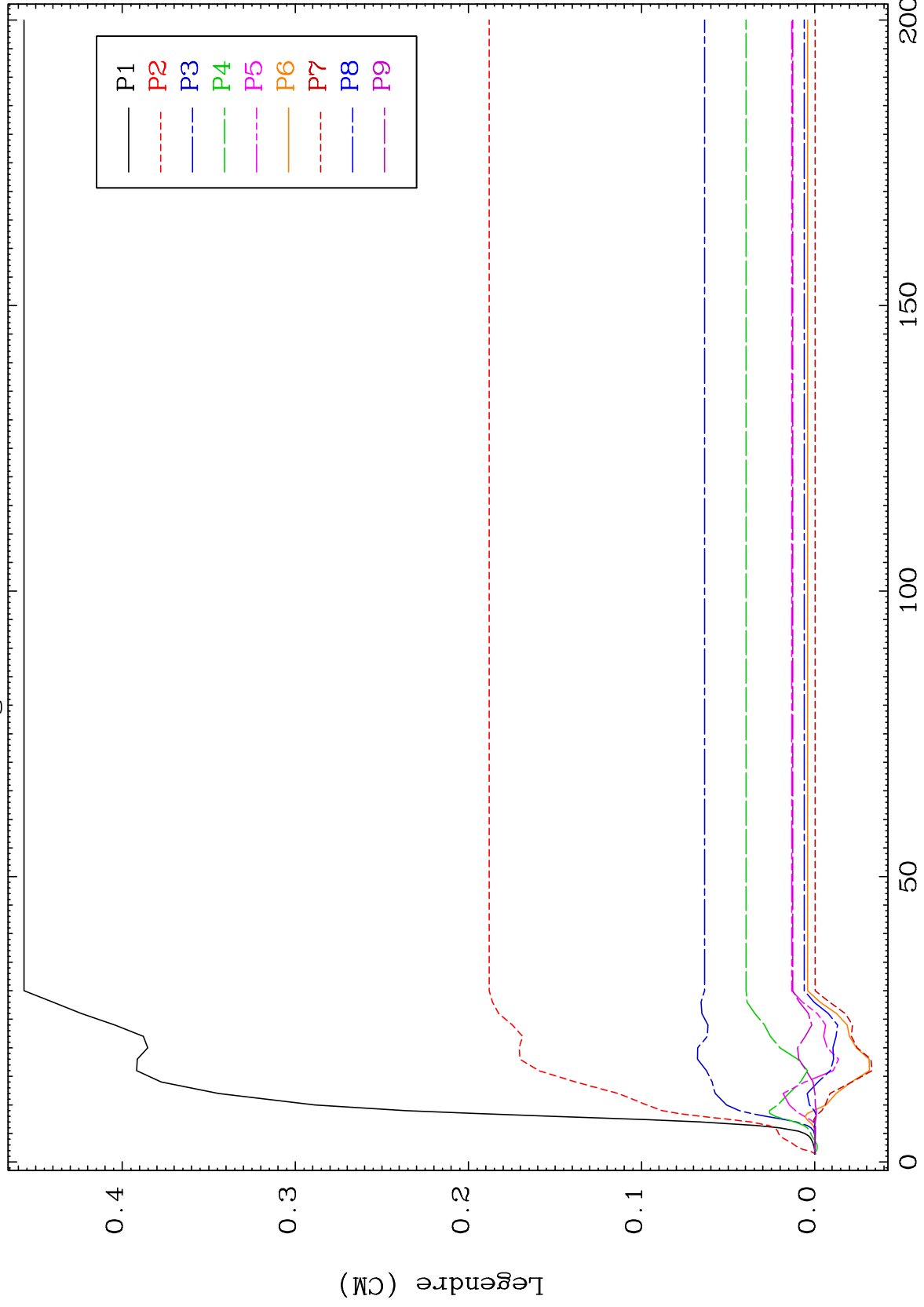
Incident Energy (MeV)

53-I -131

MAT 5337

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

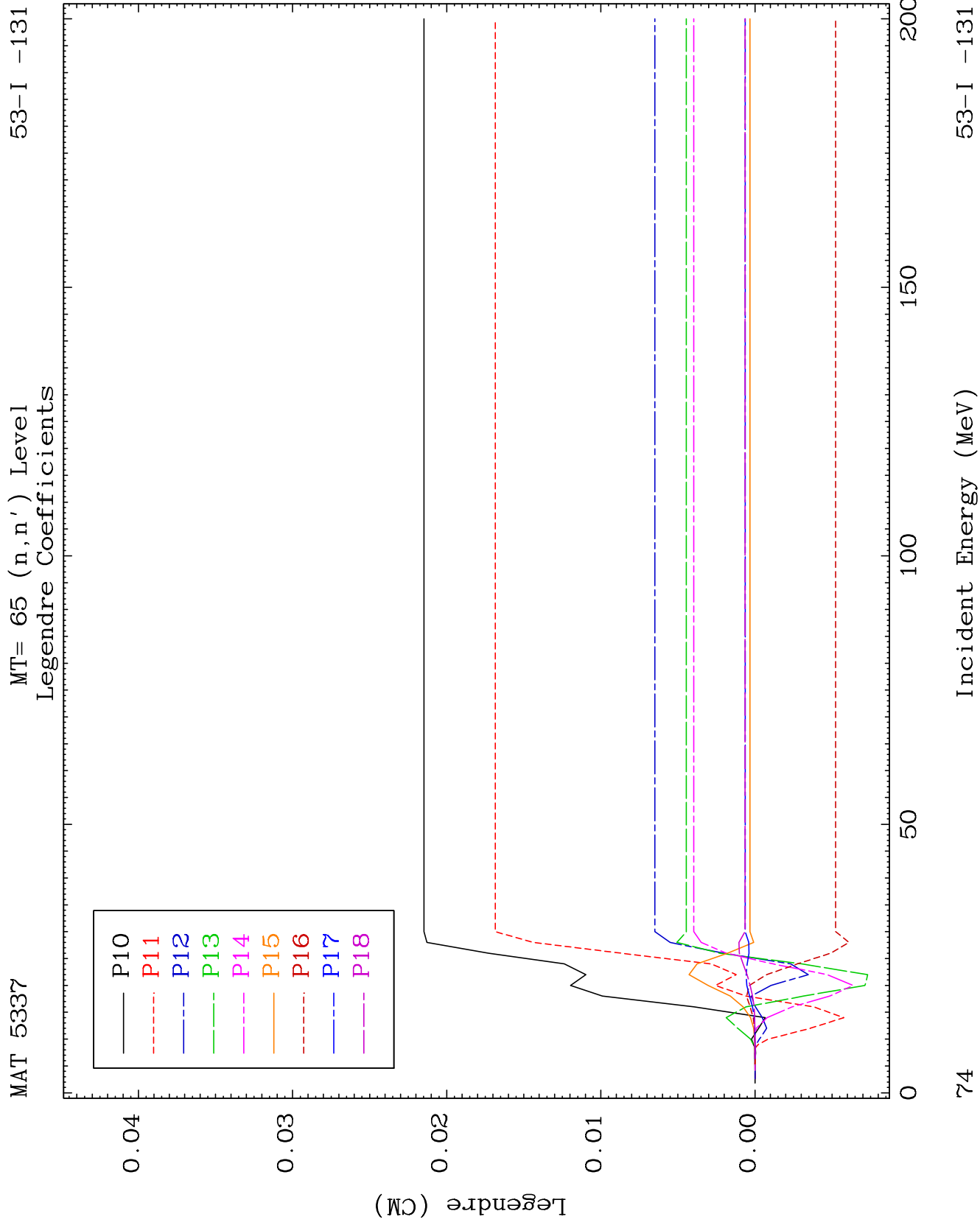
53-I -131



73

Incident Energy (MeV)

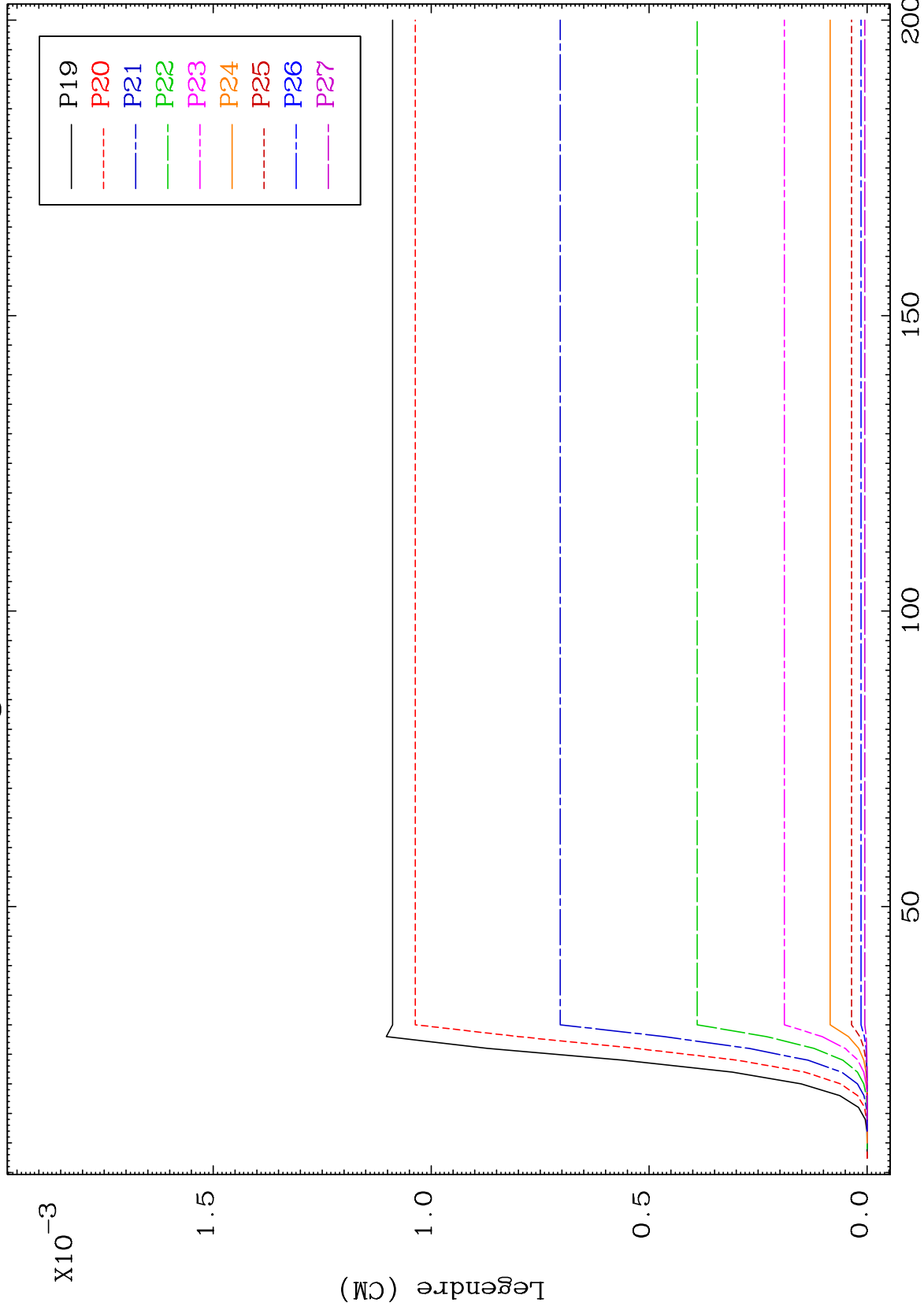
53-I -131



MAT 5337

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

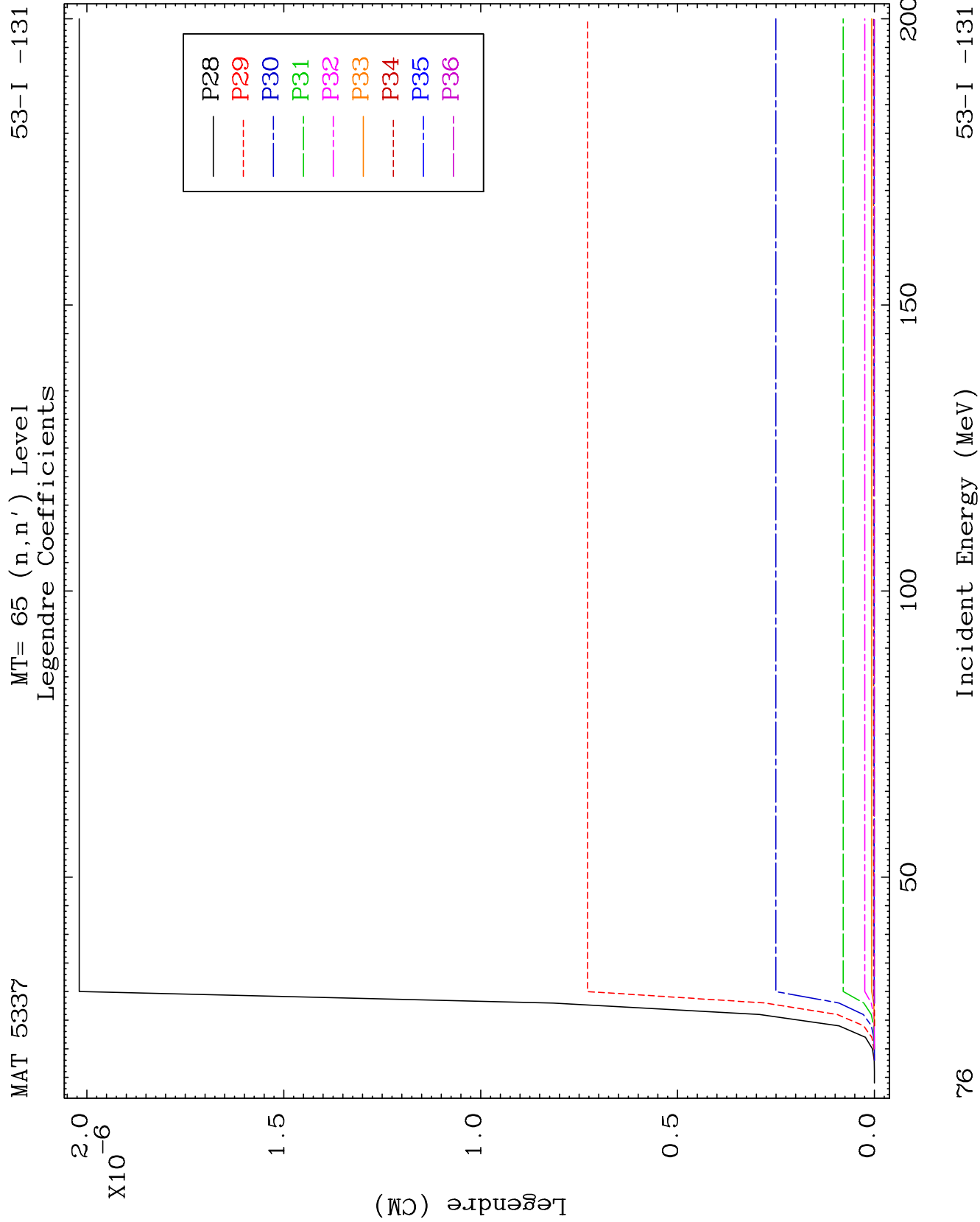
53-I -131



75

Incident Energy (MeV)

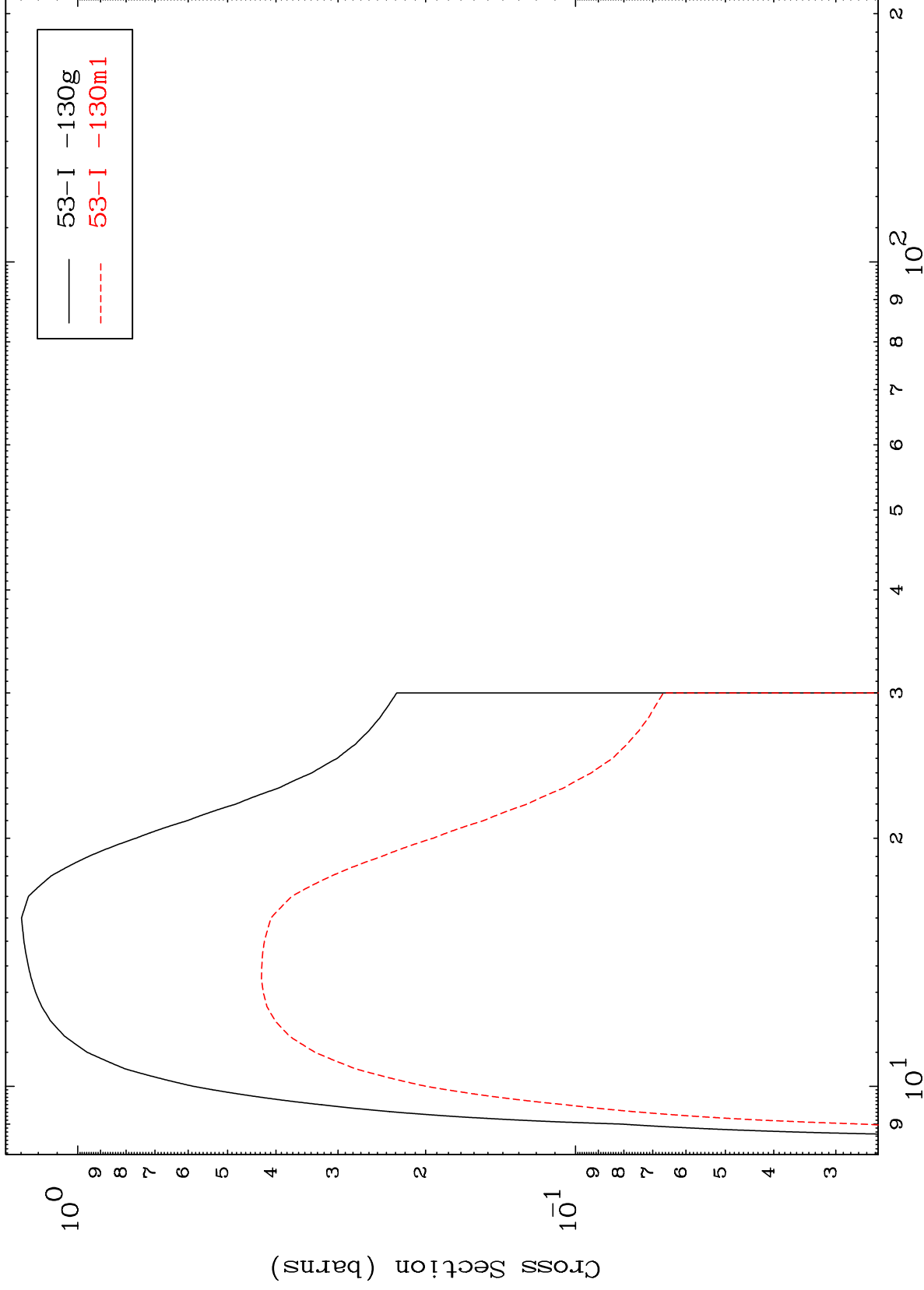
53-I -131



MAT 5337

53-I -131

(n,2n)
Radionuclide Production Cross Section



77

Incident Energy (MeV)

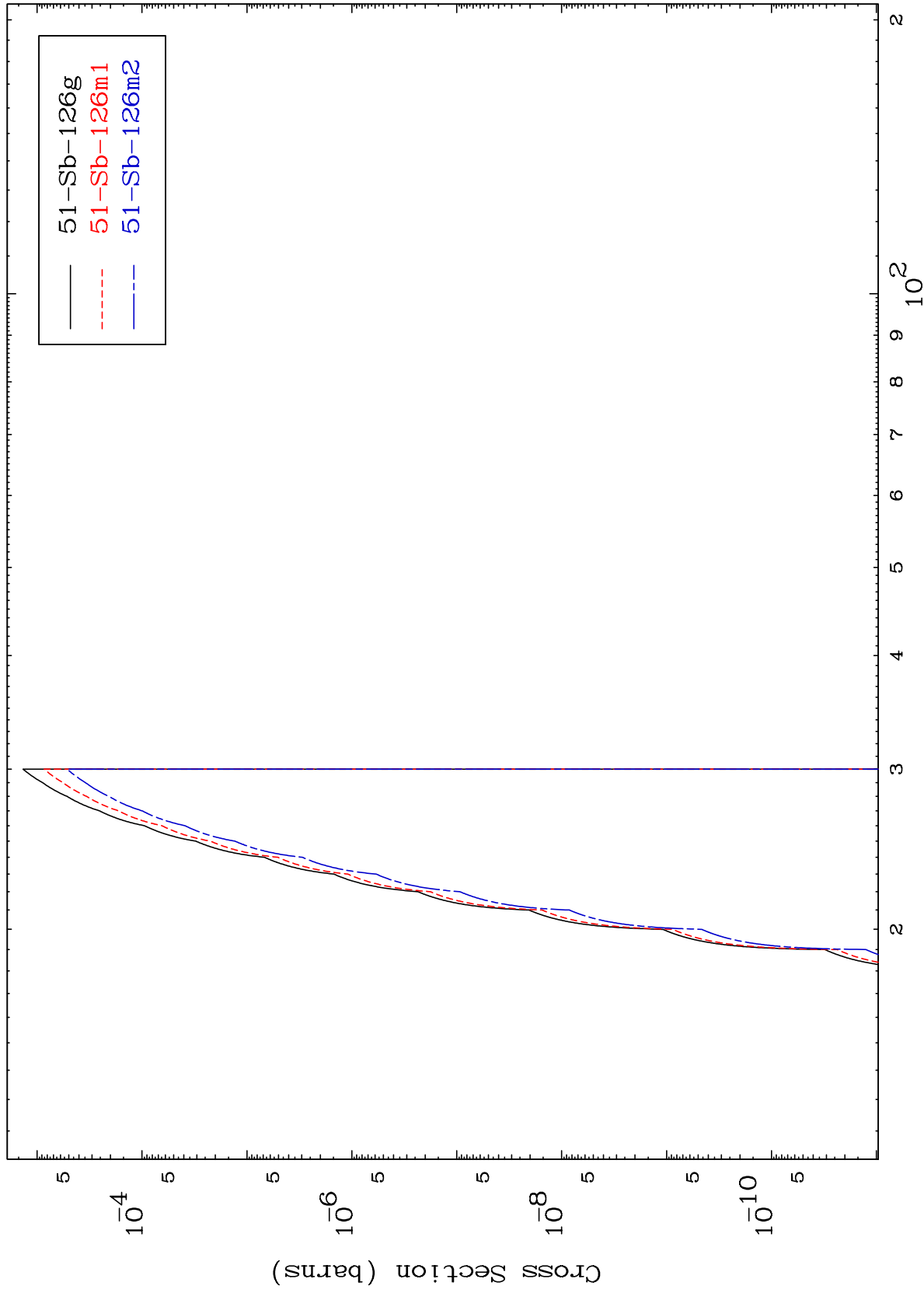
53-I -131

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(n,2n) α

53-I -131

Radionuclide Production Cross Section



78

Incident Energy (MeV)

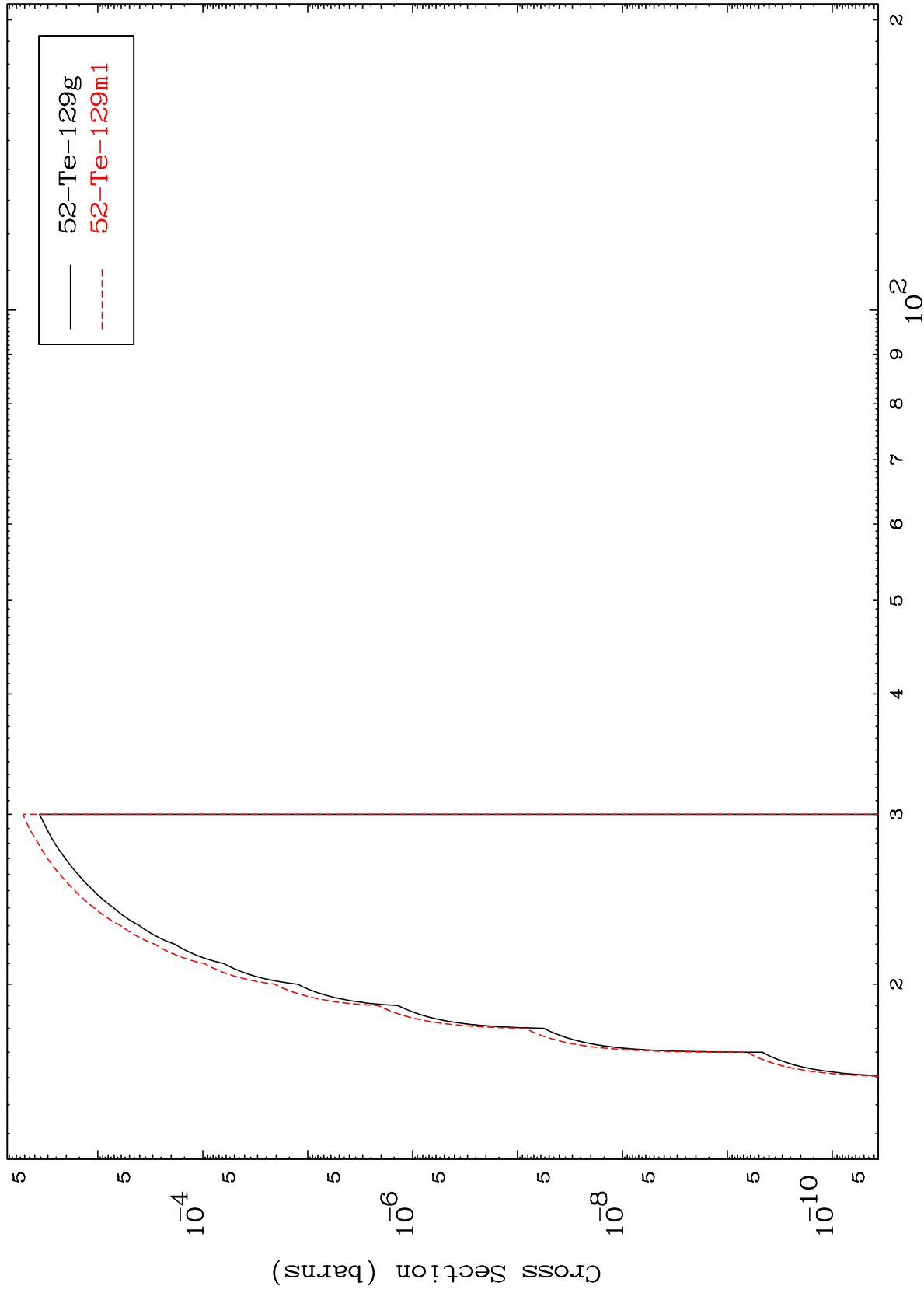
53-I -131

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(n,n') d

53-I -131

Radionuclide Production Cross Section



79

Incident Energy (MeV)

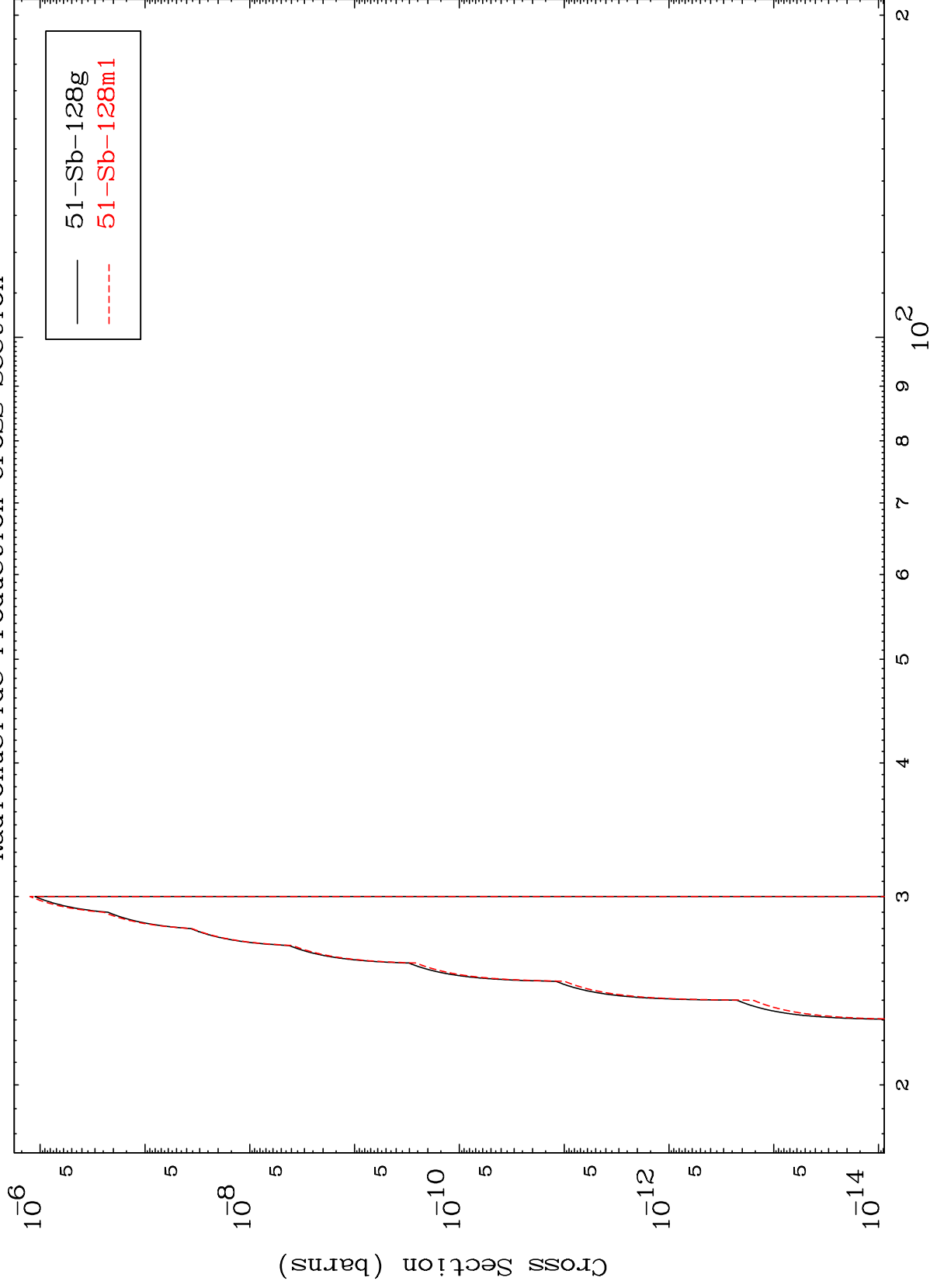
53-I -131

MAT 5337

(n,n') He-3

53-I -131

Radionuclide Production Cross Section

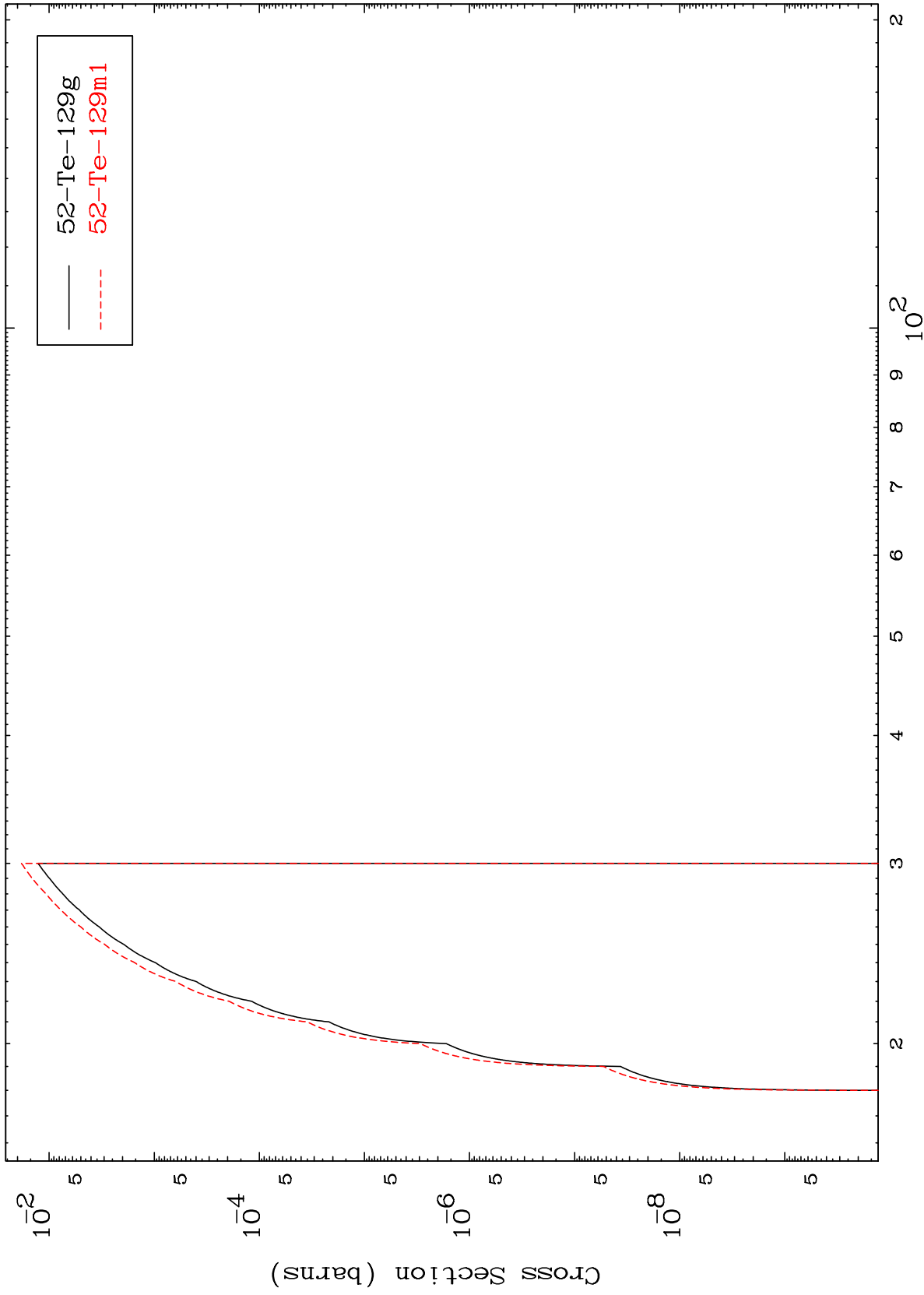


80

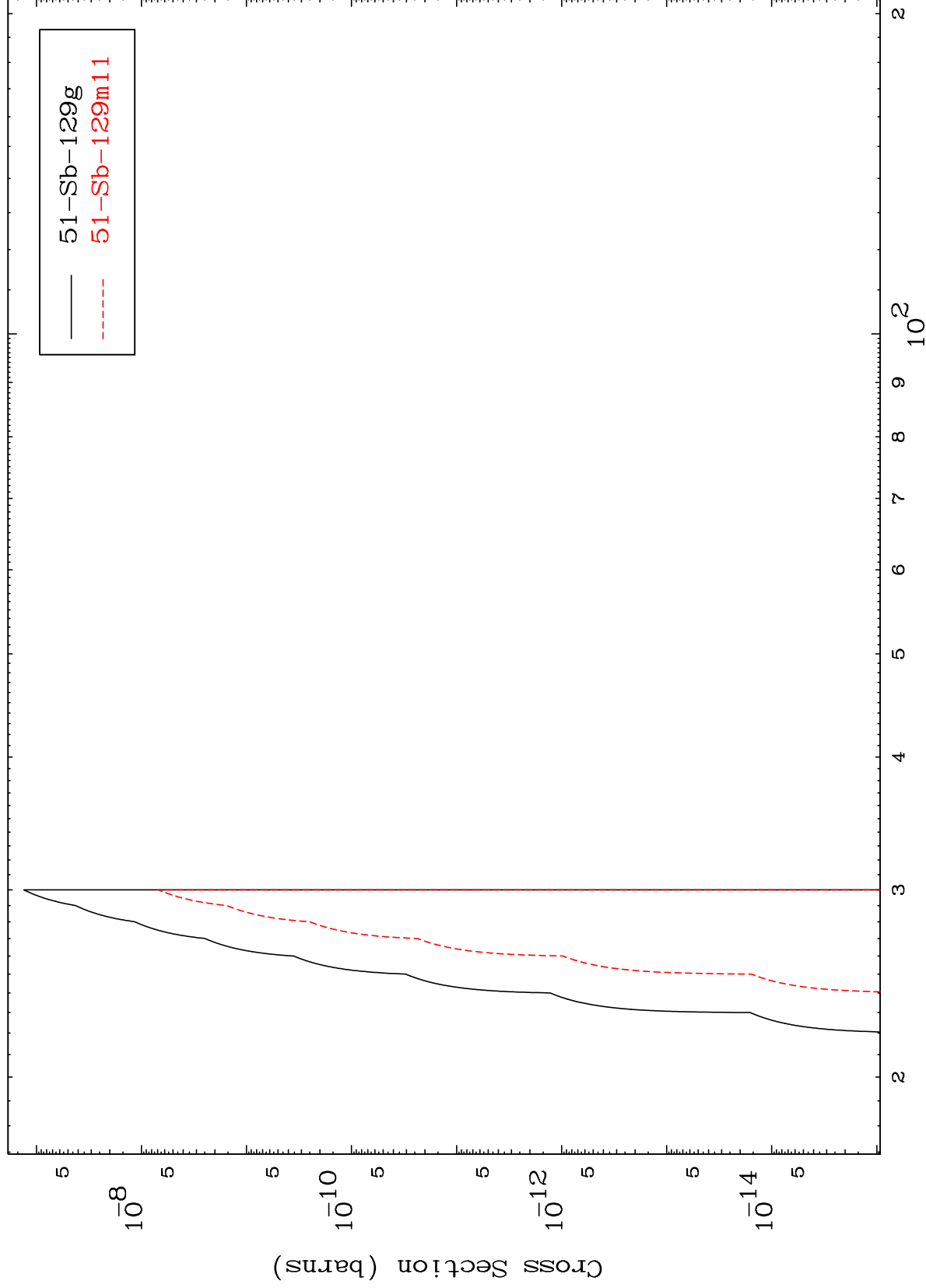
Incident Energy (MeV)

53-I -131

(n,2n) p
Radionuclide Production Cross Section



(n,2n) p
Radionuclide Production Cross Section

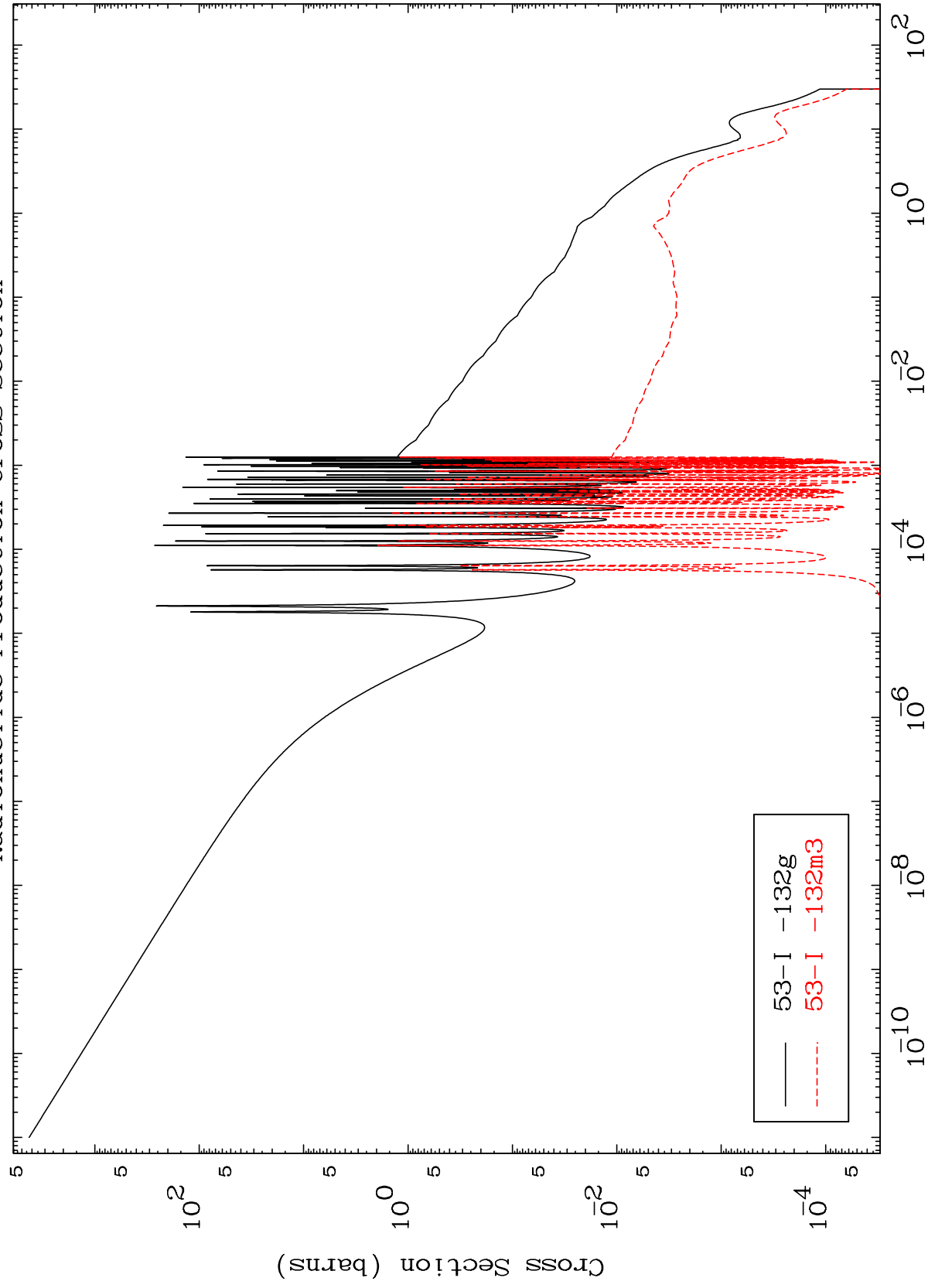


MAT 5337

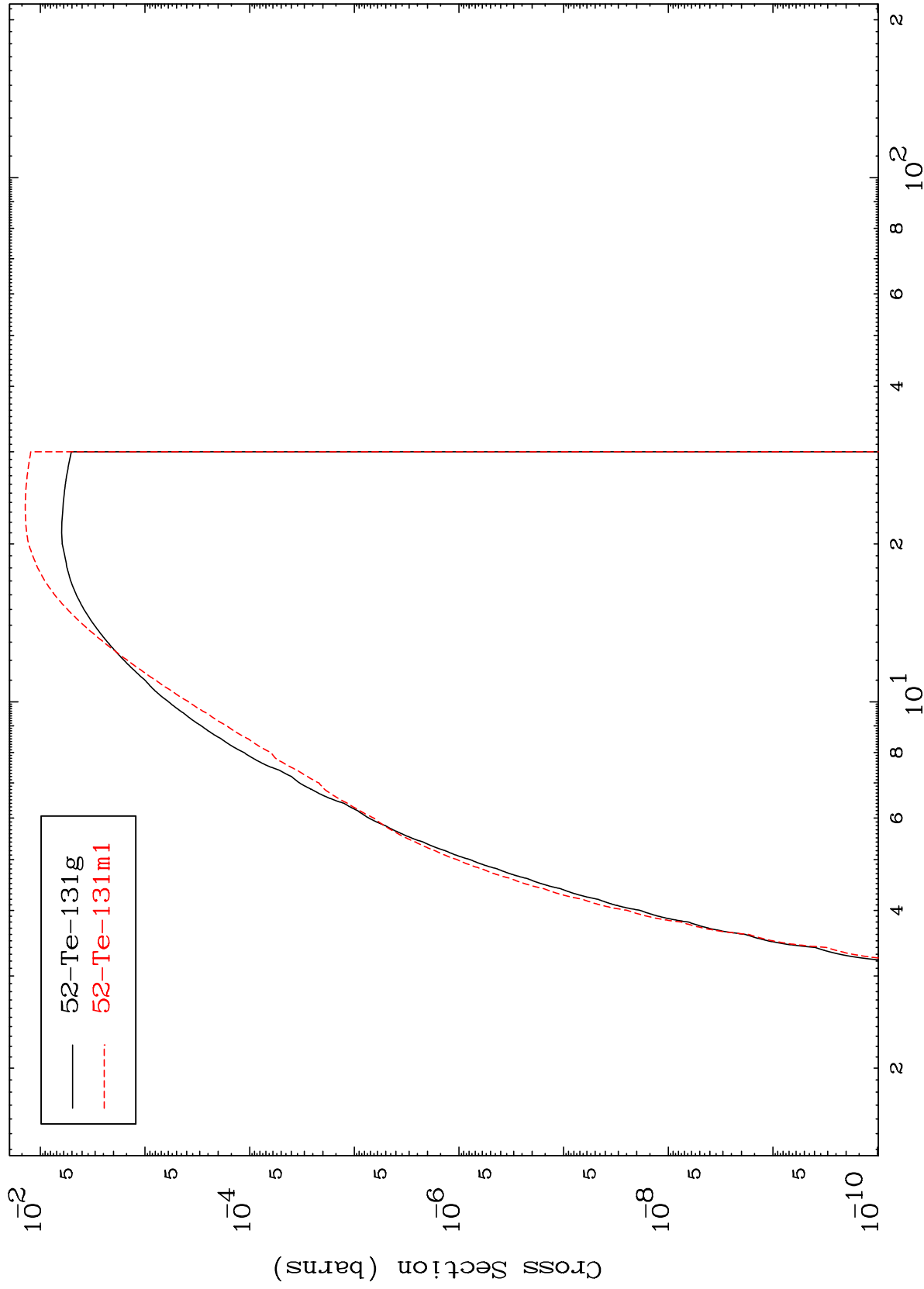
(n,γ)

53-I -131

Radionuclide Production Cross Section



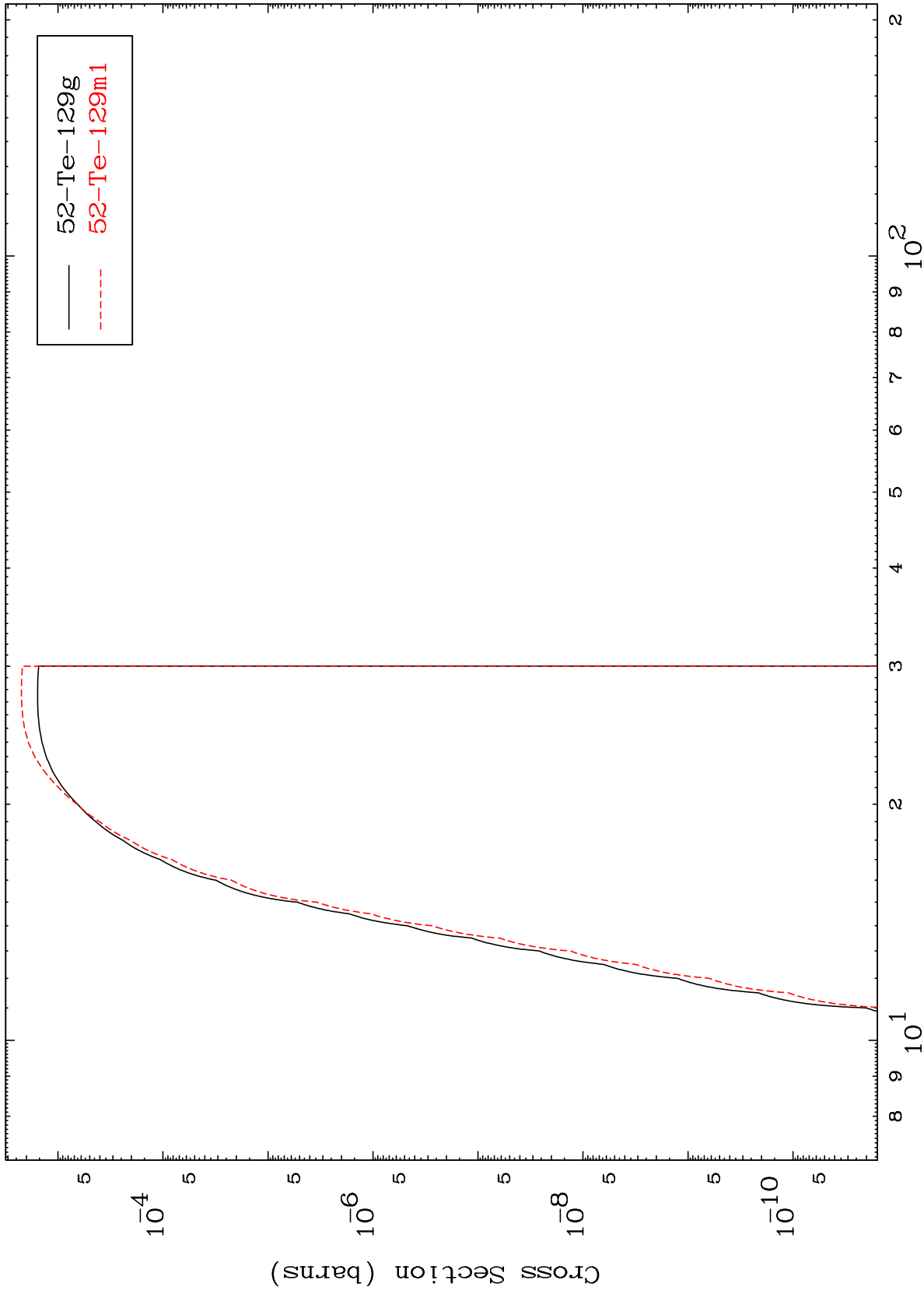
Radionuclide Production Cross Section (n,p)



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53-I -131

(n,t)
Radionuclide Production Cross Section



85

Incident Energy (MeV)

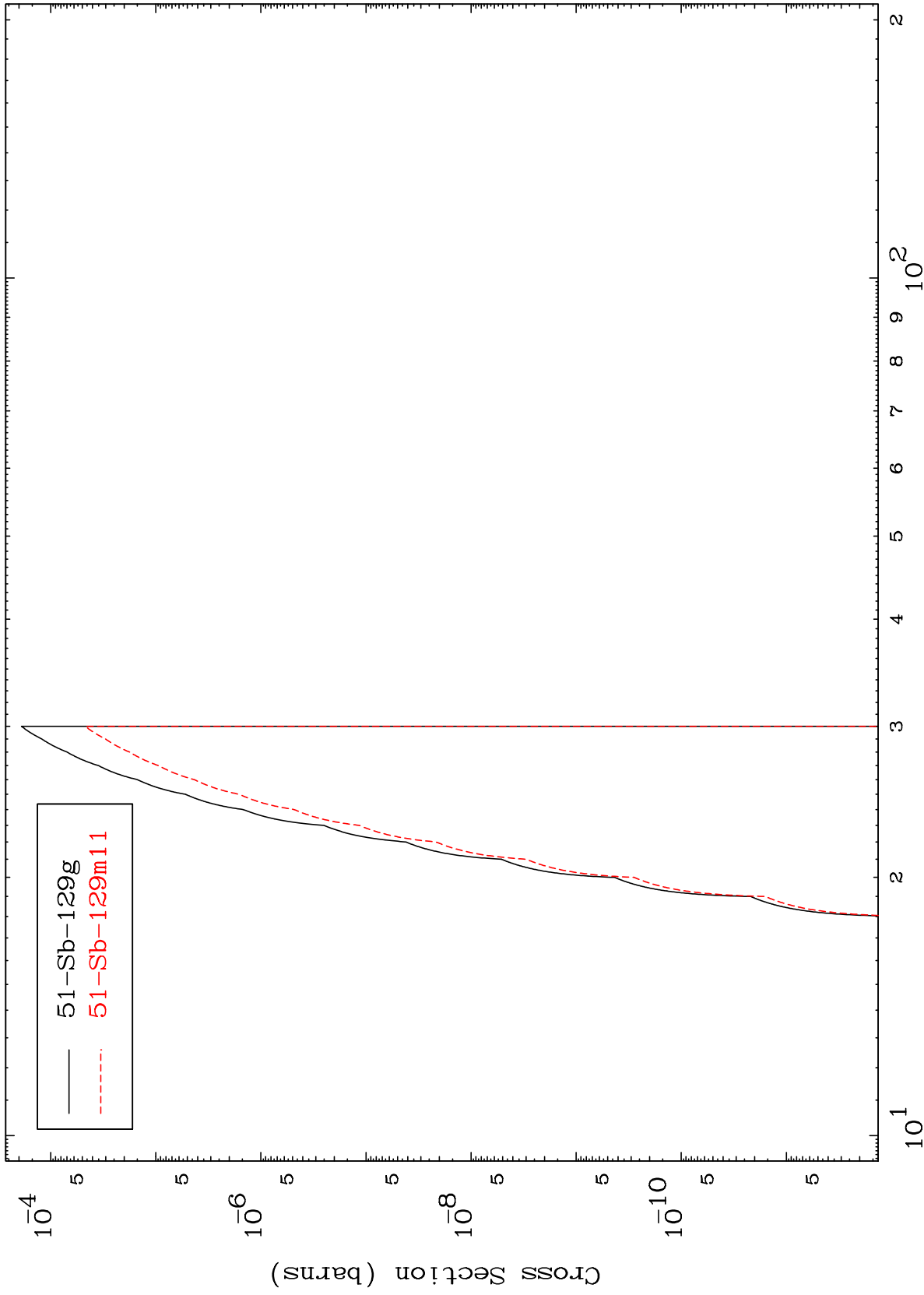
53-I -131

MAT 5337

(n,He-3)

53-I -131

Radionuclide Production Cross Section



86

Incident Energy (MeV)

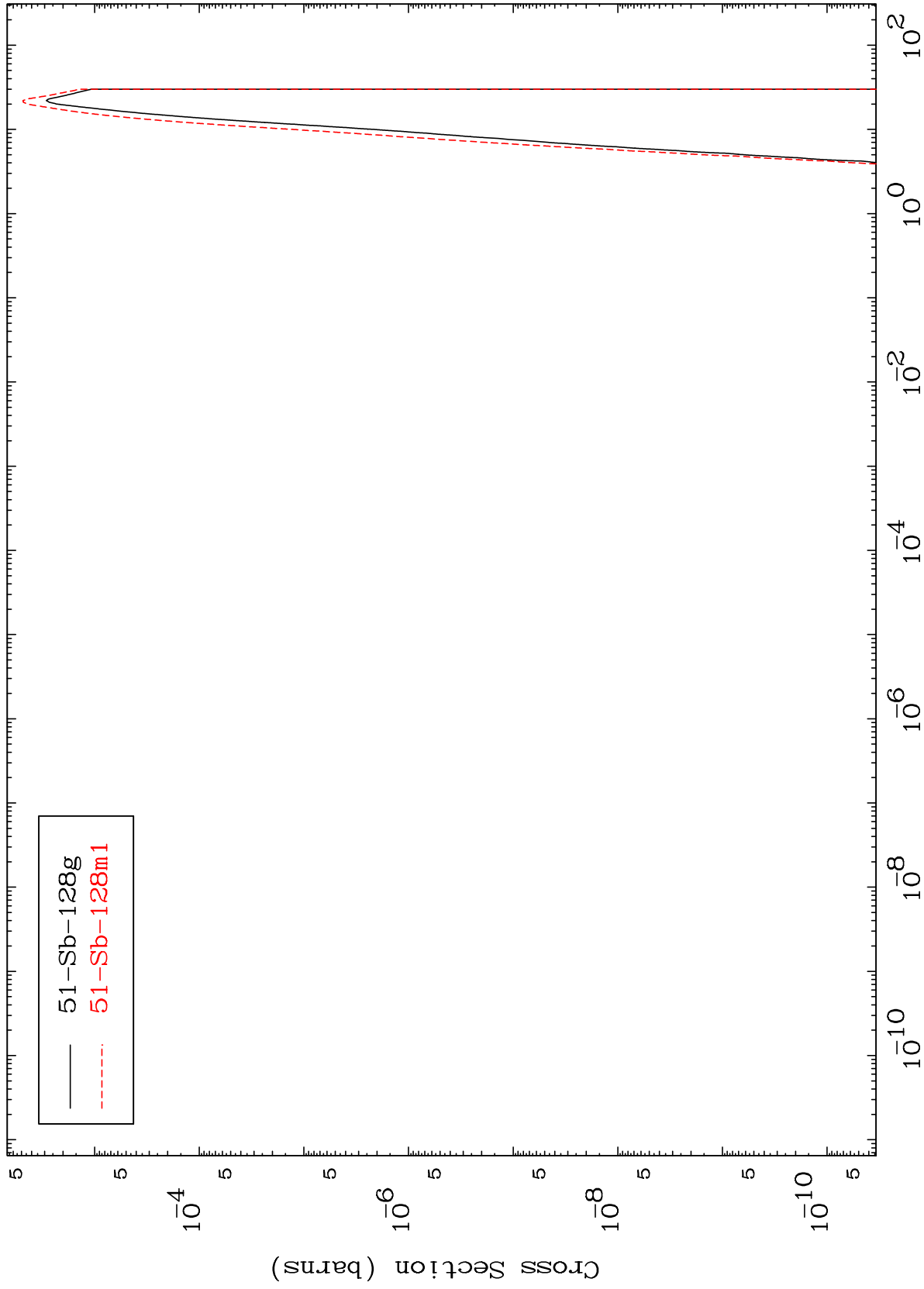
53-I -131

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(n,α)

53-I -131

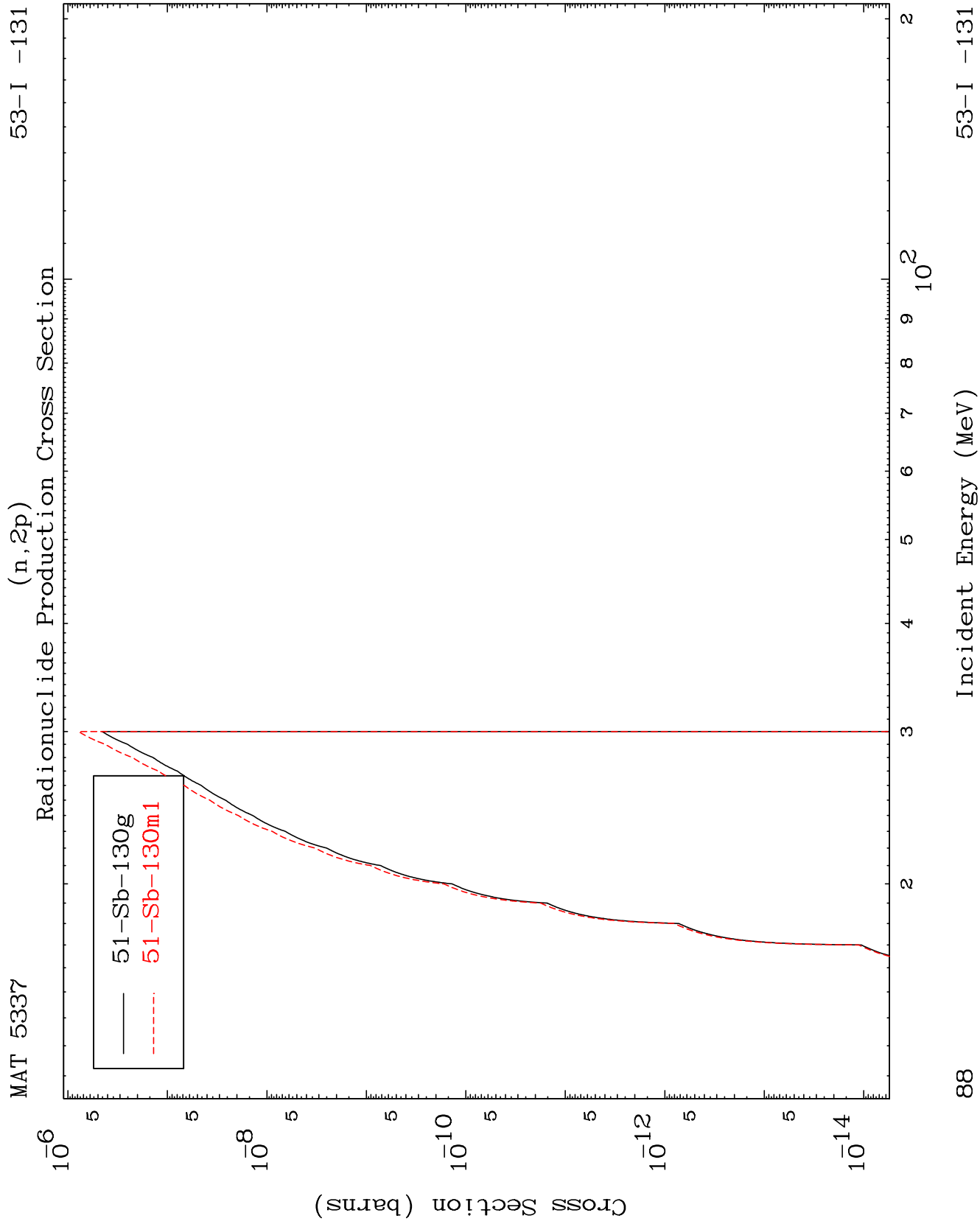
Radionuclide Production Cross Section



87

Incident Energy (MeV)

53-I -131

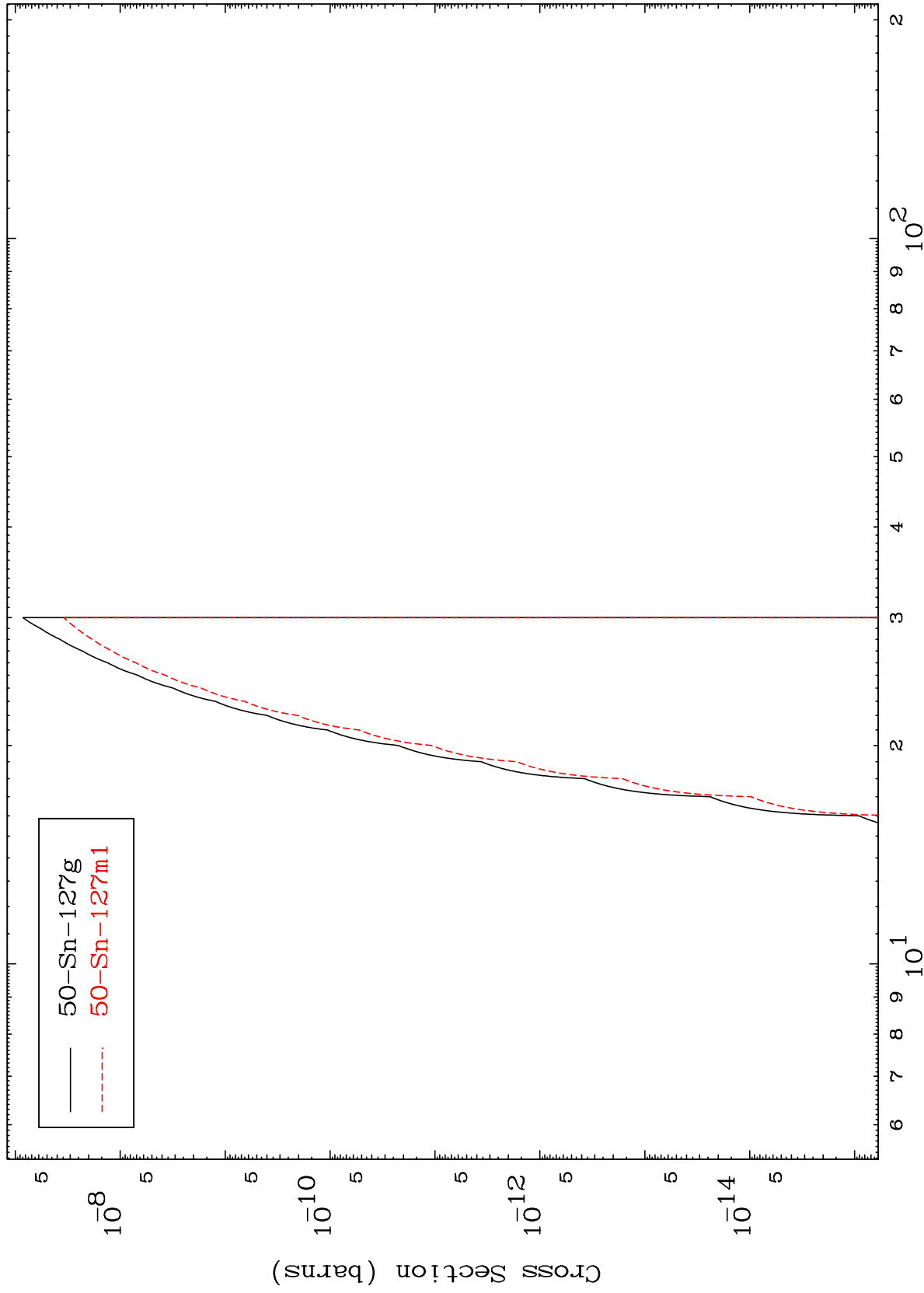


MAT 5337

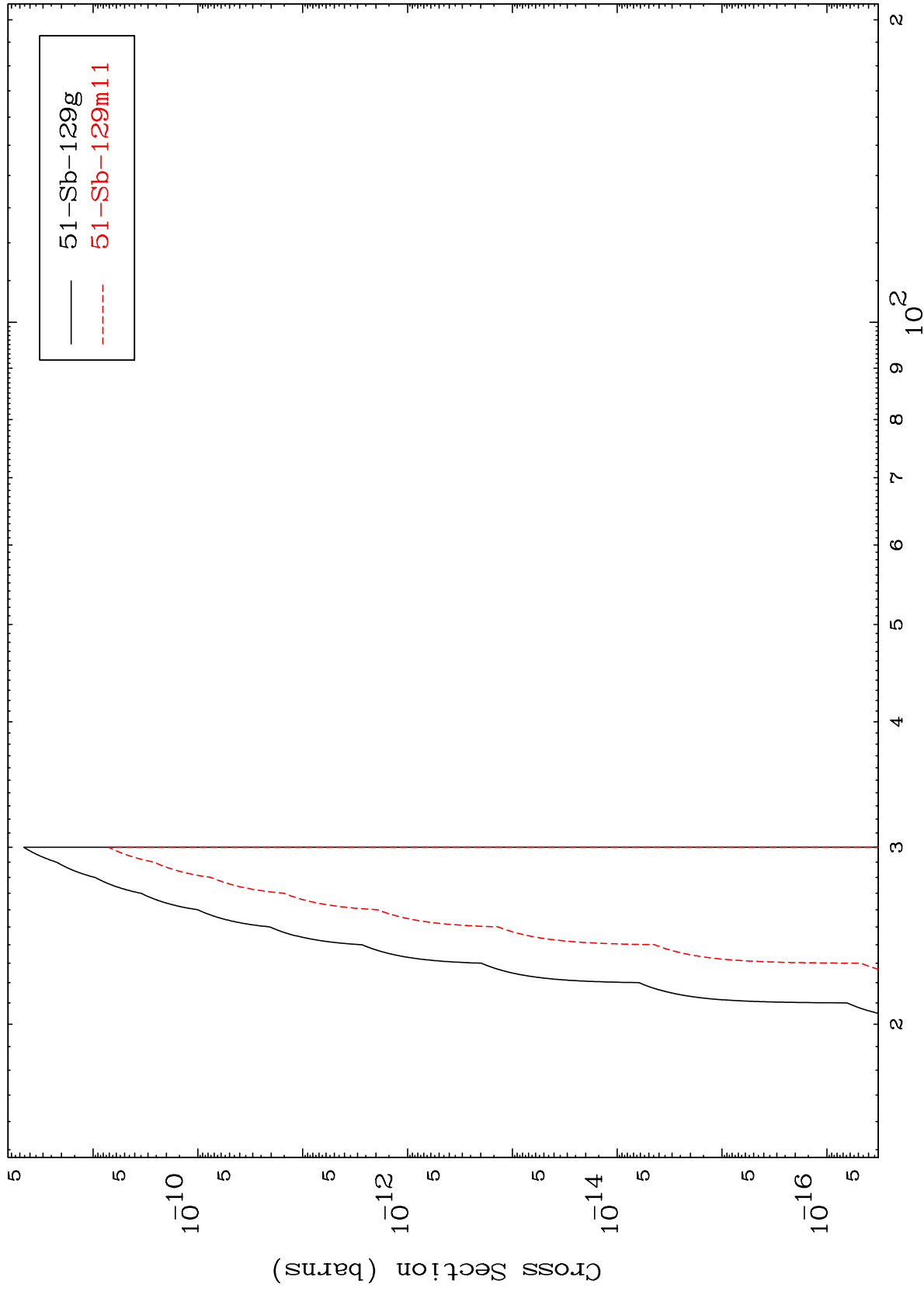
(n,p) α

53-I -131

Radionuclide Production Cross Section



Radionuclide Production Cross Section

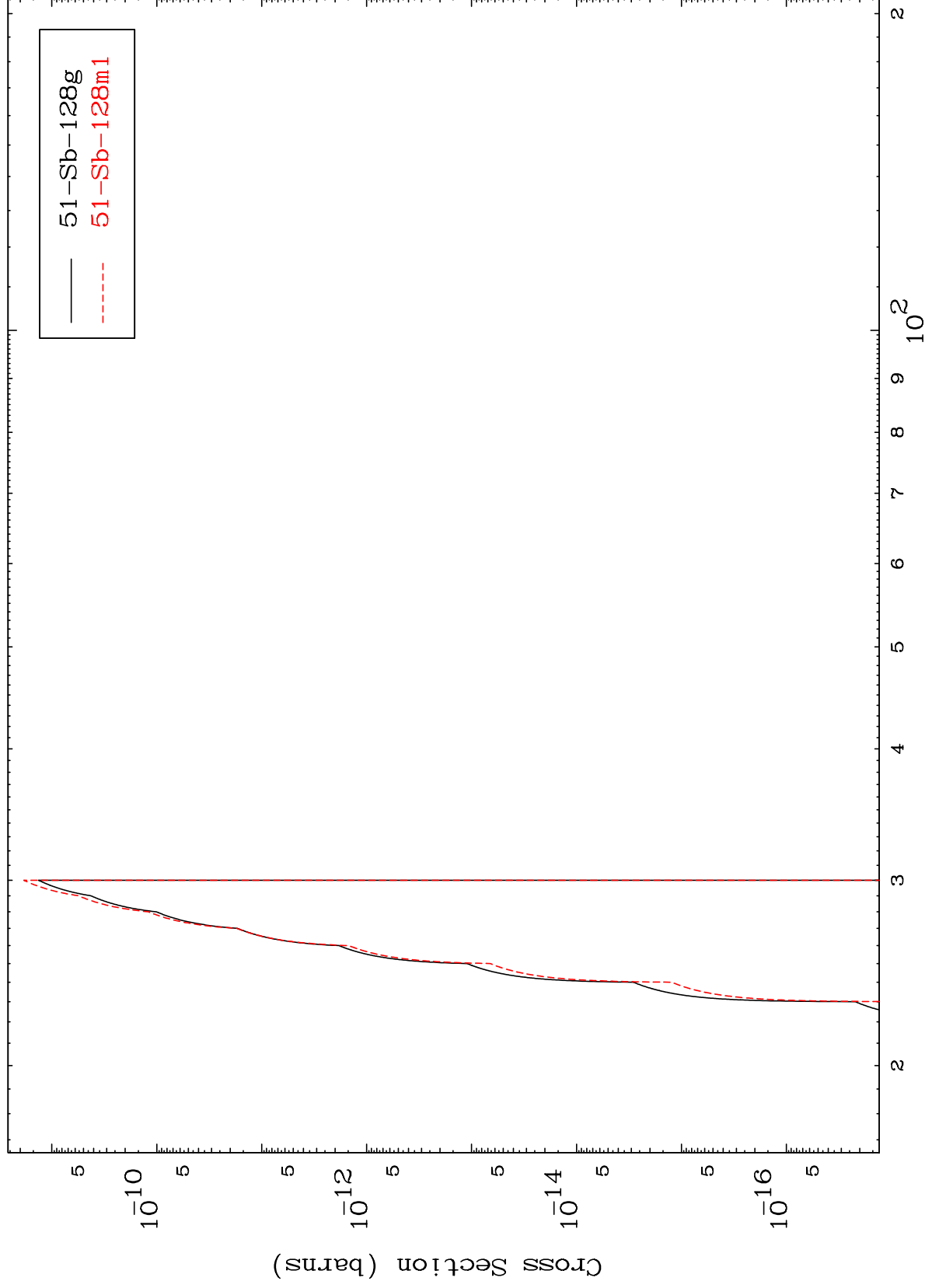


MAT 5337

(n,p) t

53-I -131

Radionuclide Production Cross Section



91

Incident Energy (MeV)

53-I -131