

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

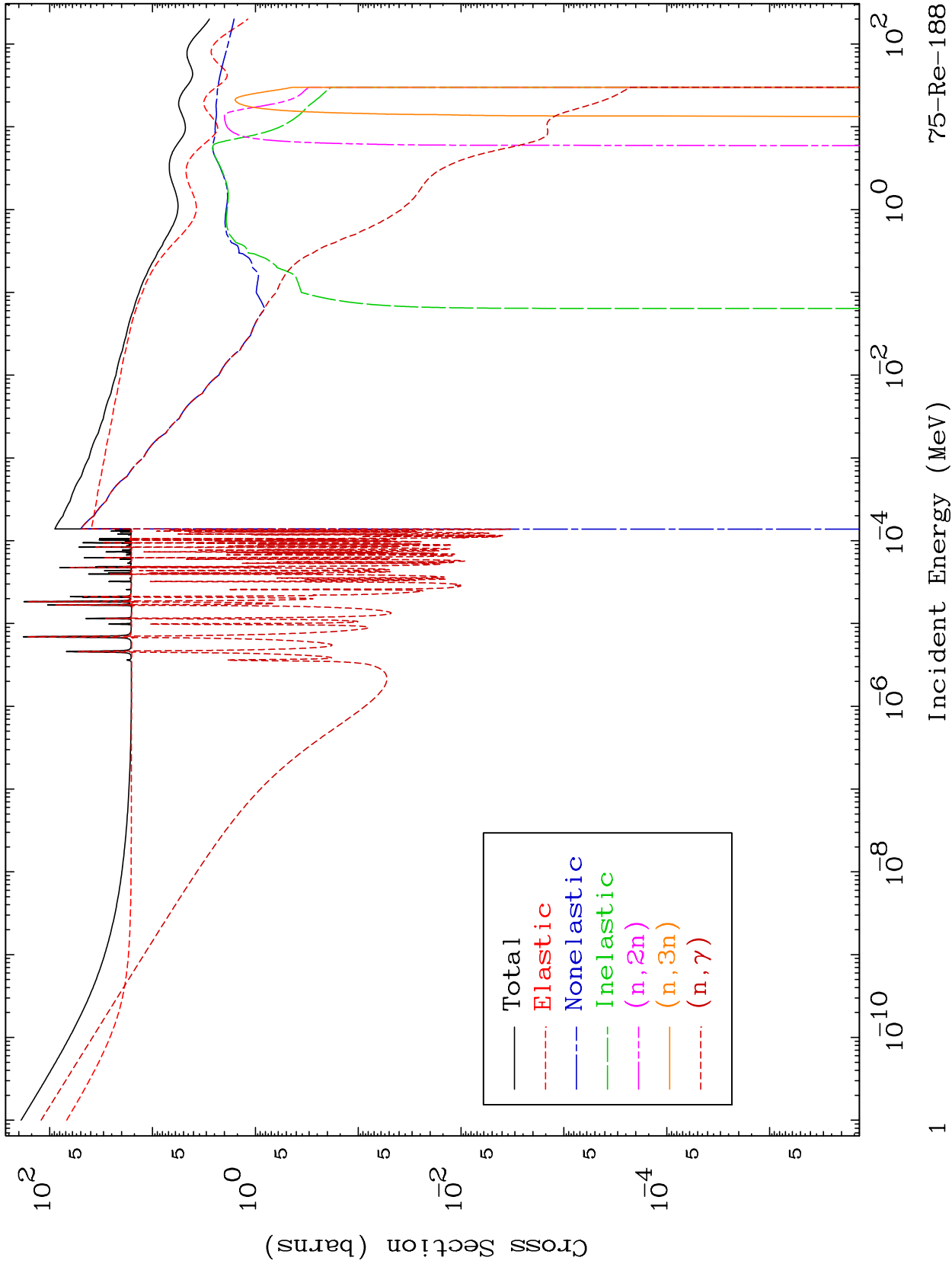
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7534

Neutron Major
293 Kelvin Cross Sections

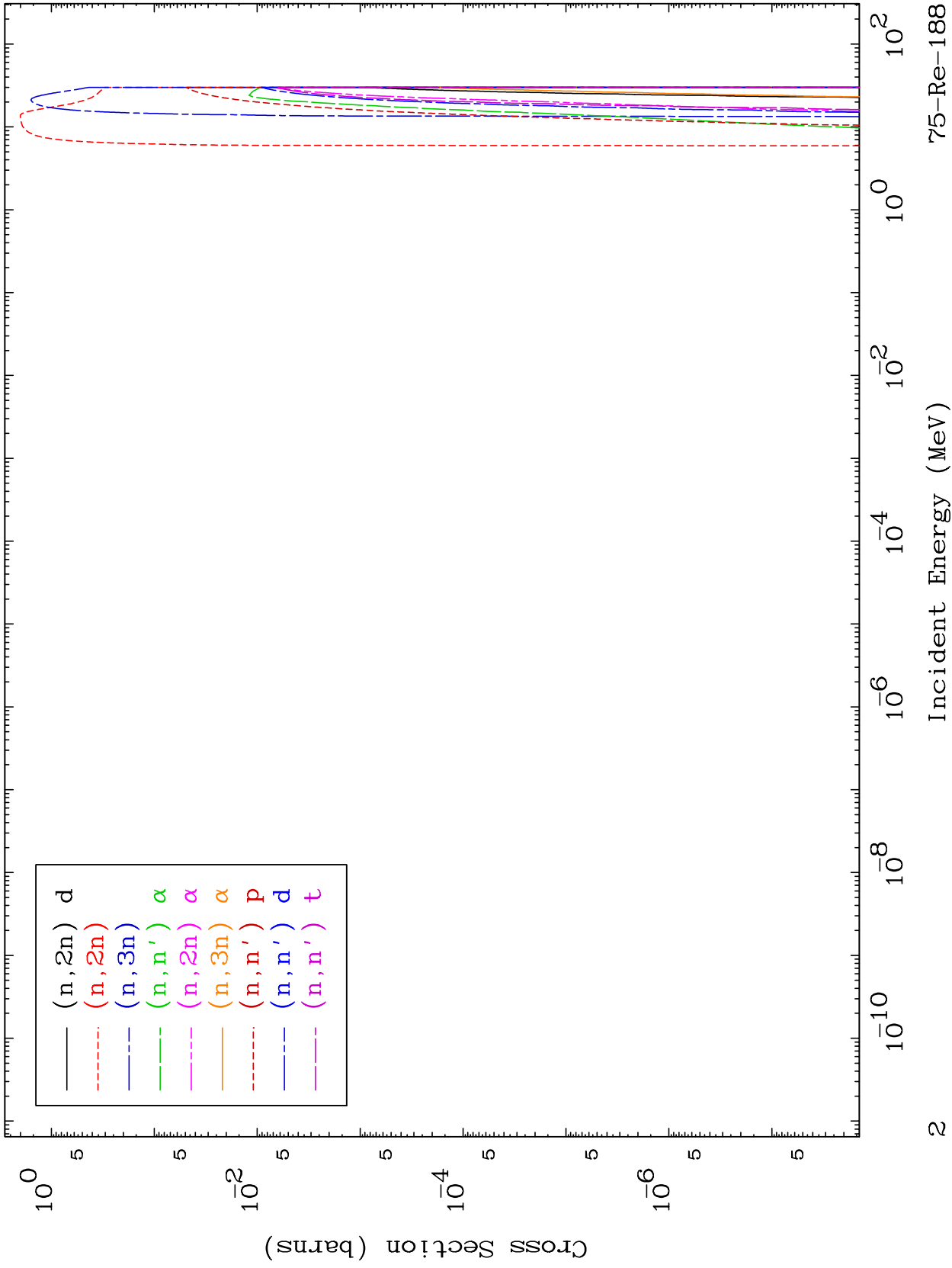
75-Re-188



MAT 7534

Neutron Absorption
293 Kelvin Cross Sections

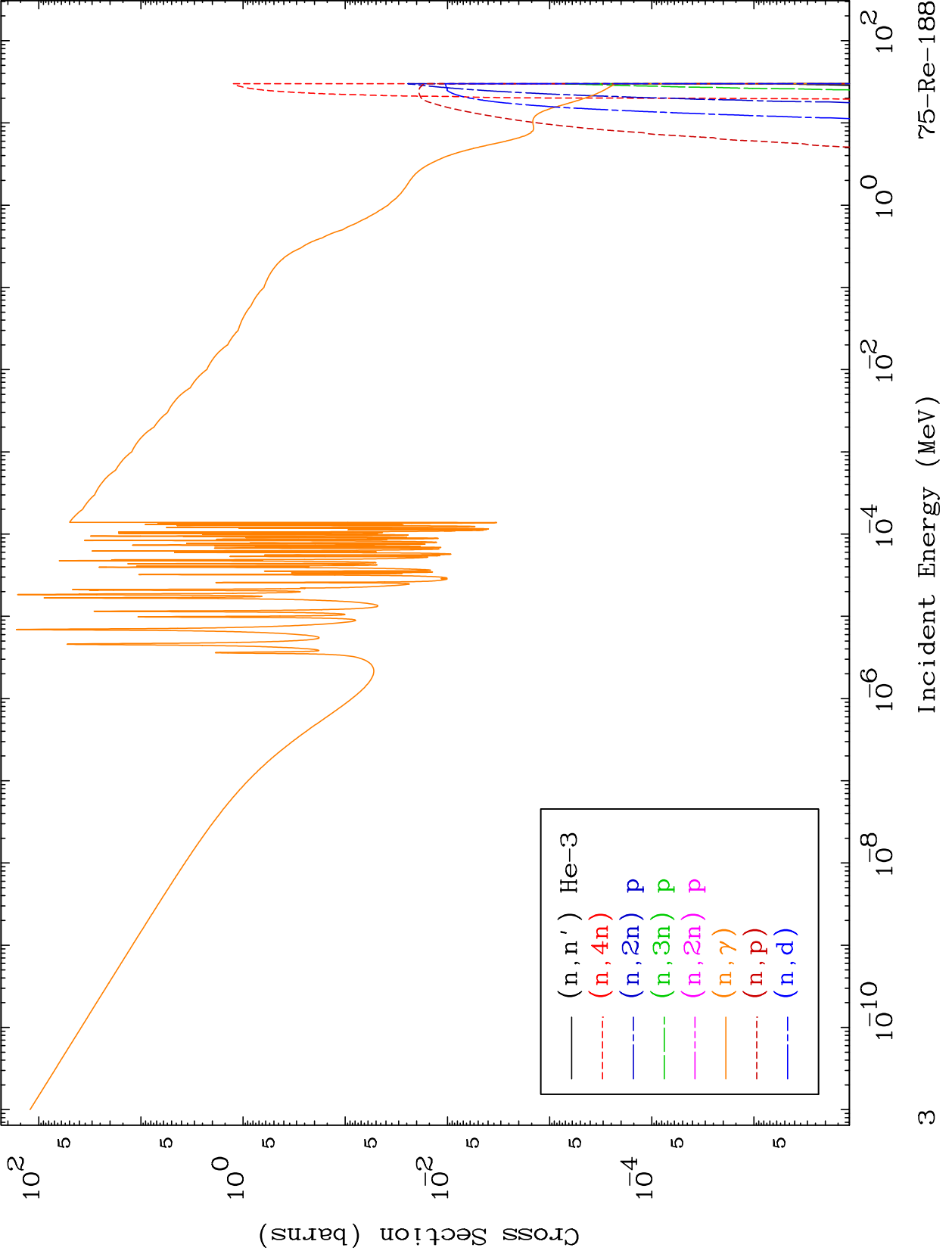
75-Re-188



MAT 7534

Neutron Absorption
293 Kelvin Cross Sections

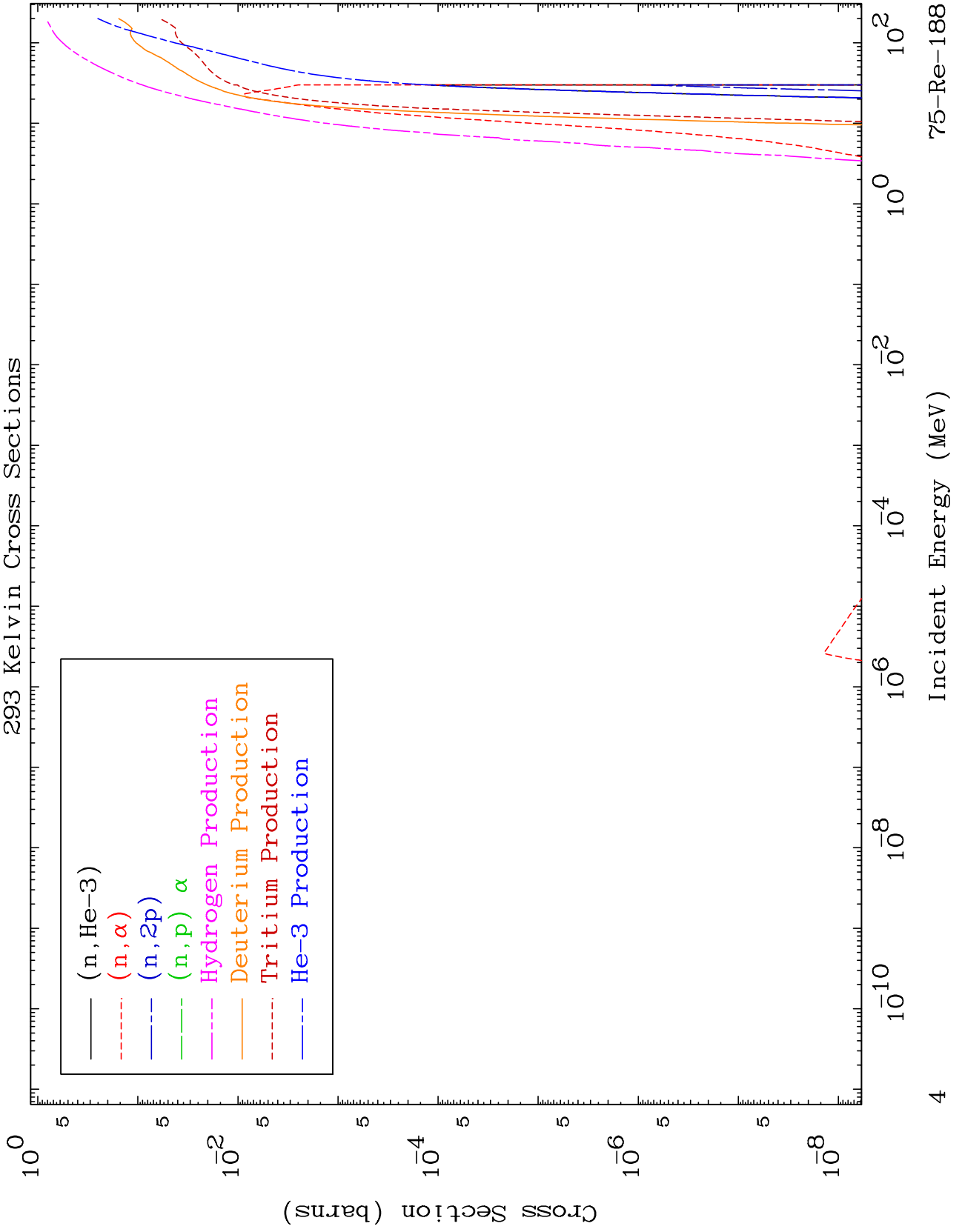
75-Re-188



MAT 7534

Neutron Absorption
293 Kelvin Cross Sections

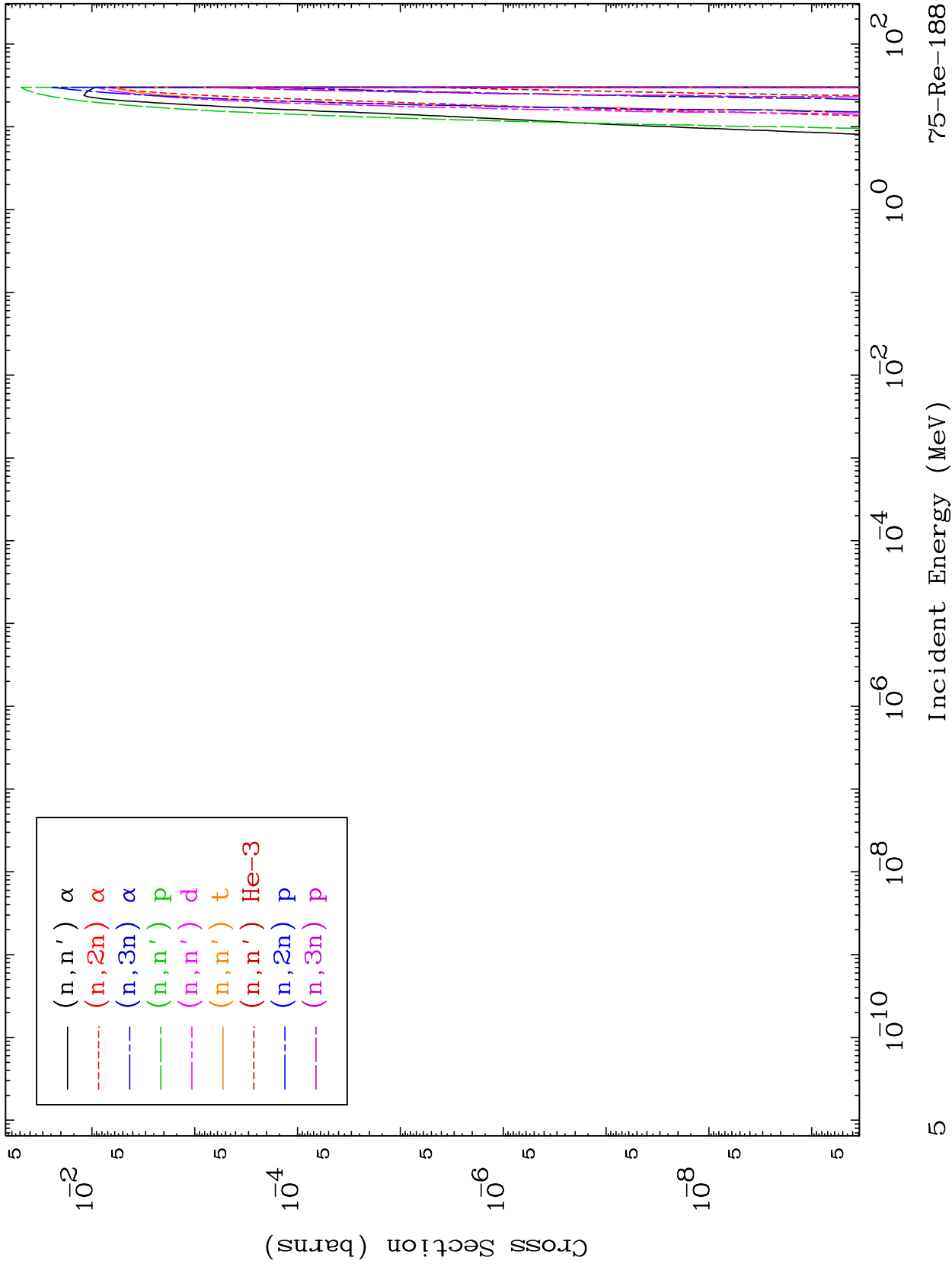
75-Re-188



MAT 7534

Charged Particle
293 Kelvin Cross Sections

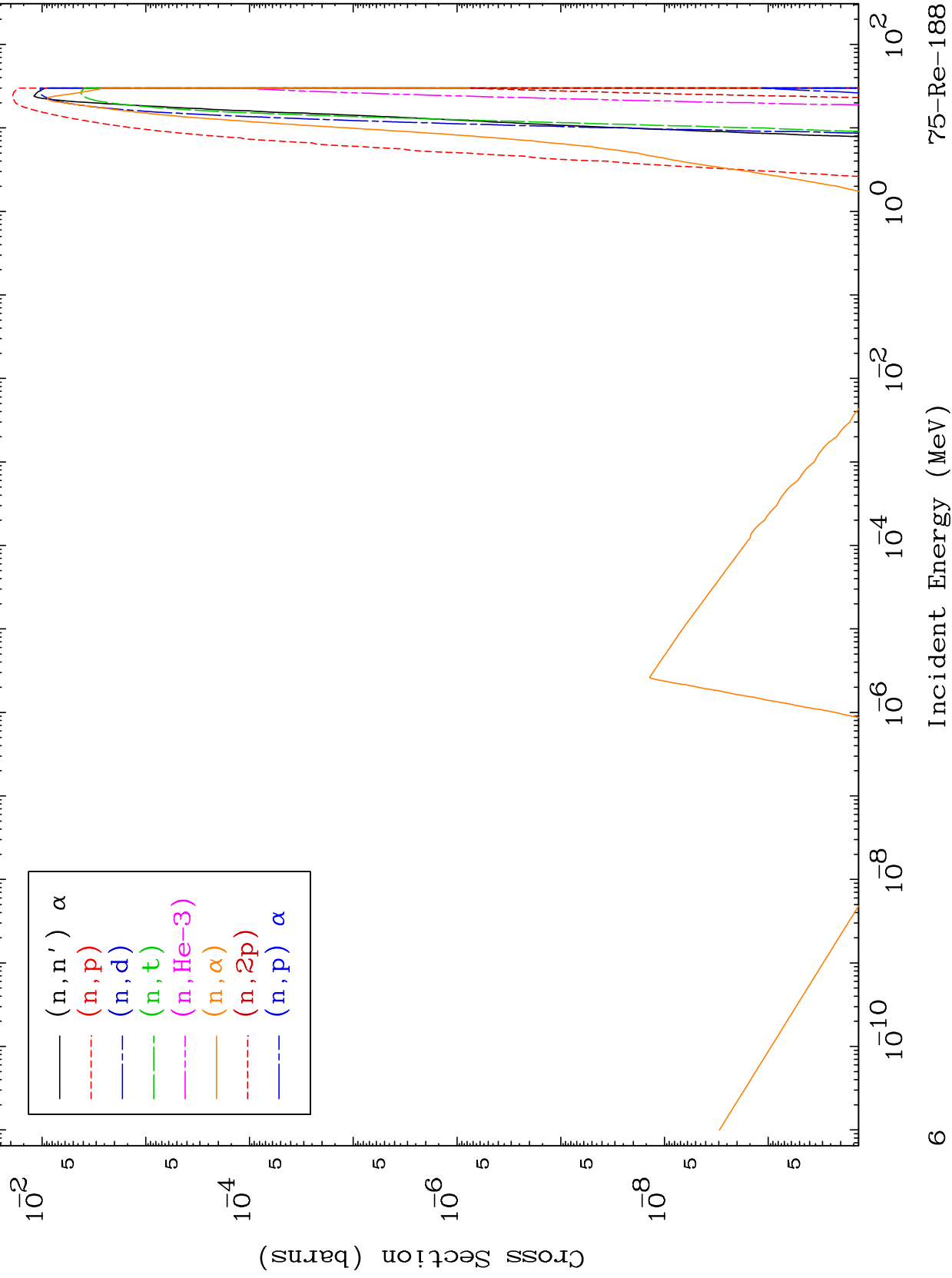
75-Re-188



MAT 7534

Charged Particle
293 Kelvin Cross Sections

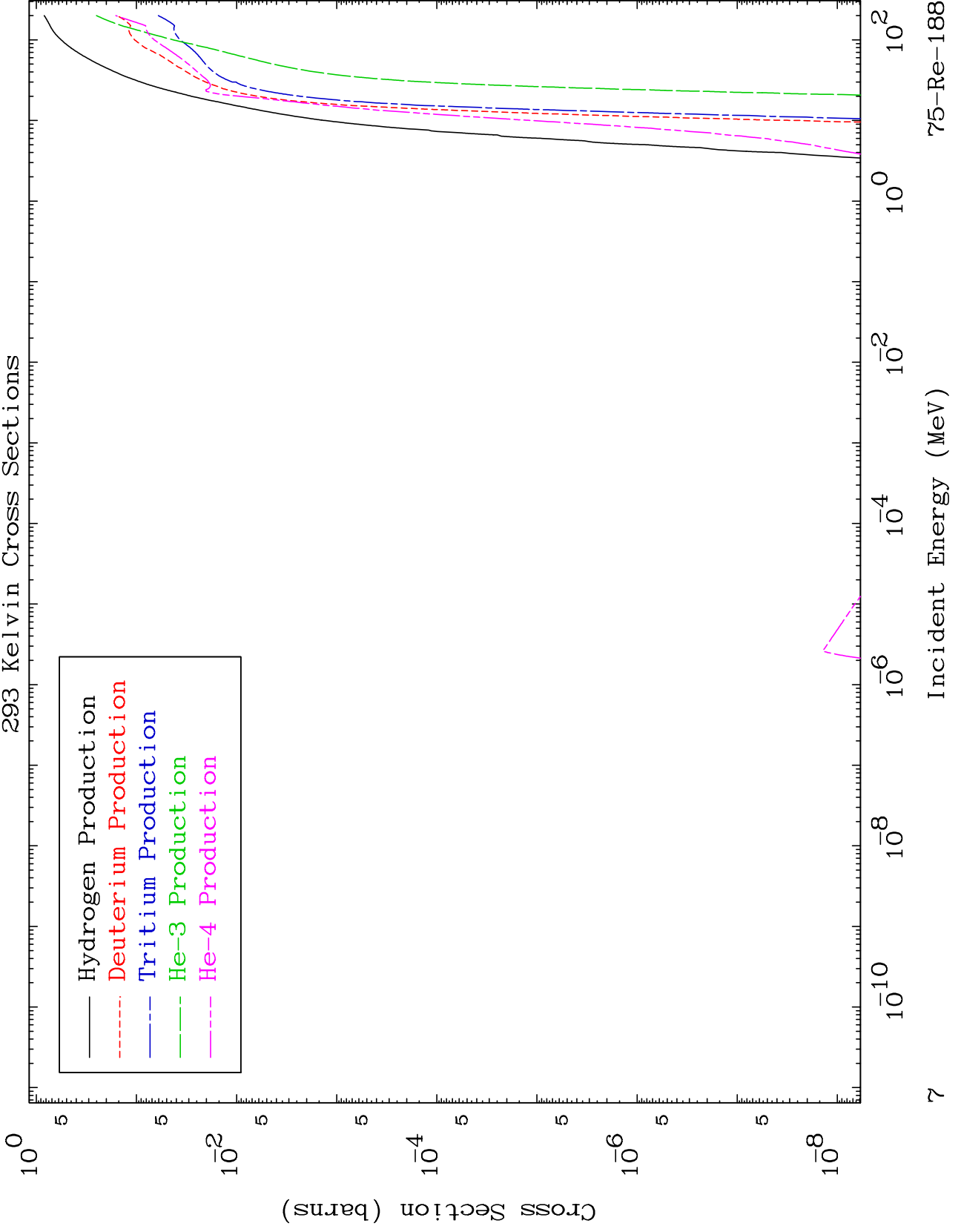
75-Re-188



MAT 7534

Particle Production
293 Kelvin Cross Sections

75-Re-188

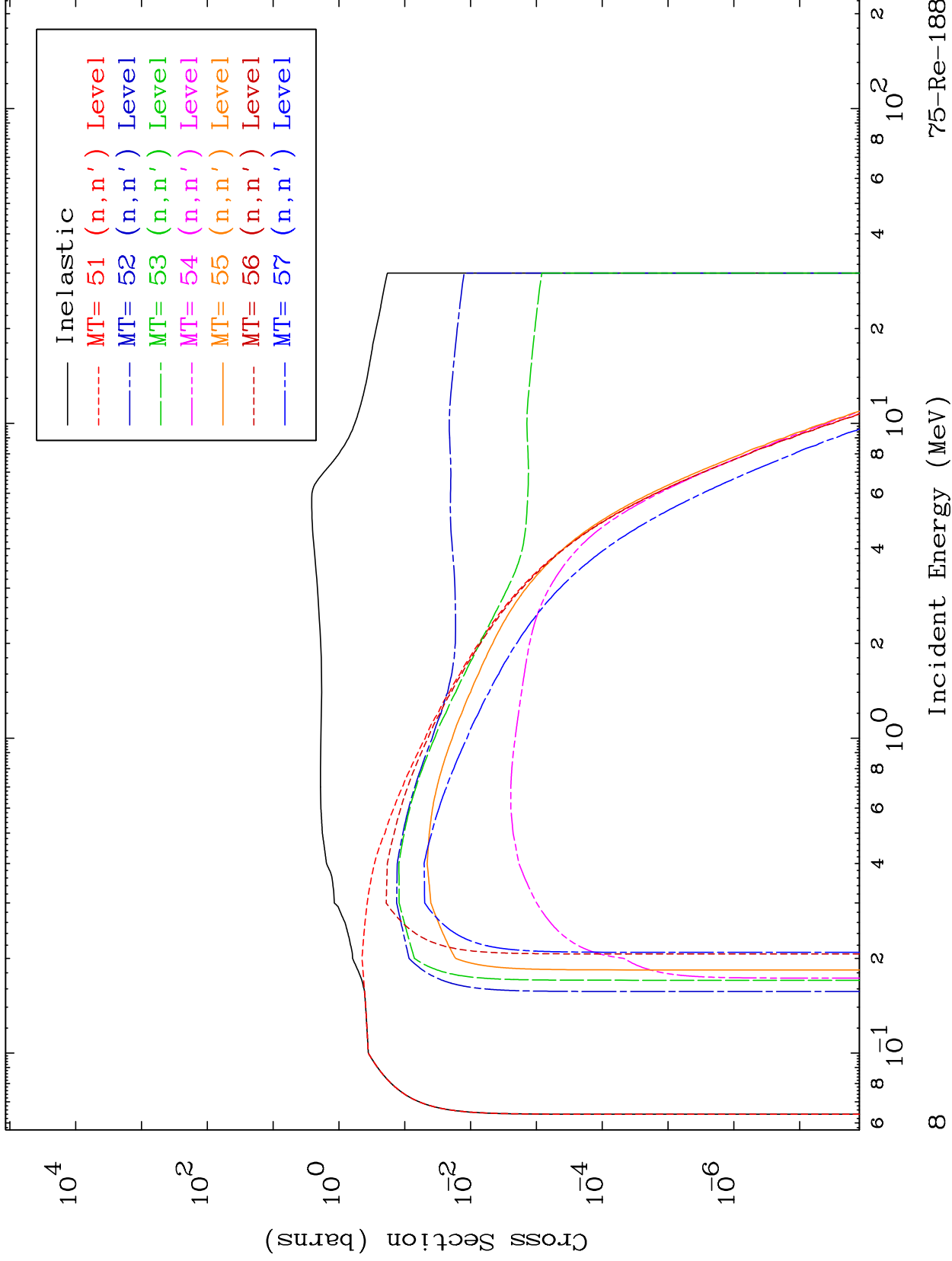


MAT 7534

(n,n') Levels

75-Re-188

293 Kelvin Cross Sections



8

Incident Energy (MeV)

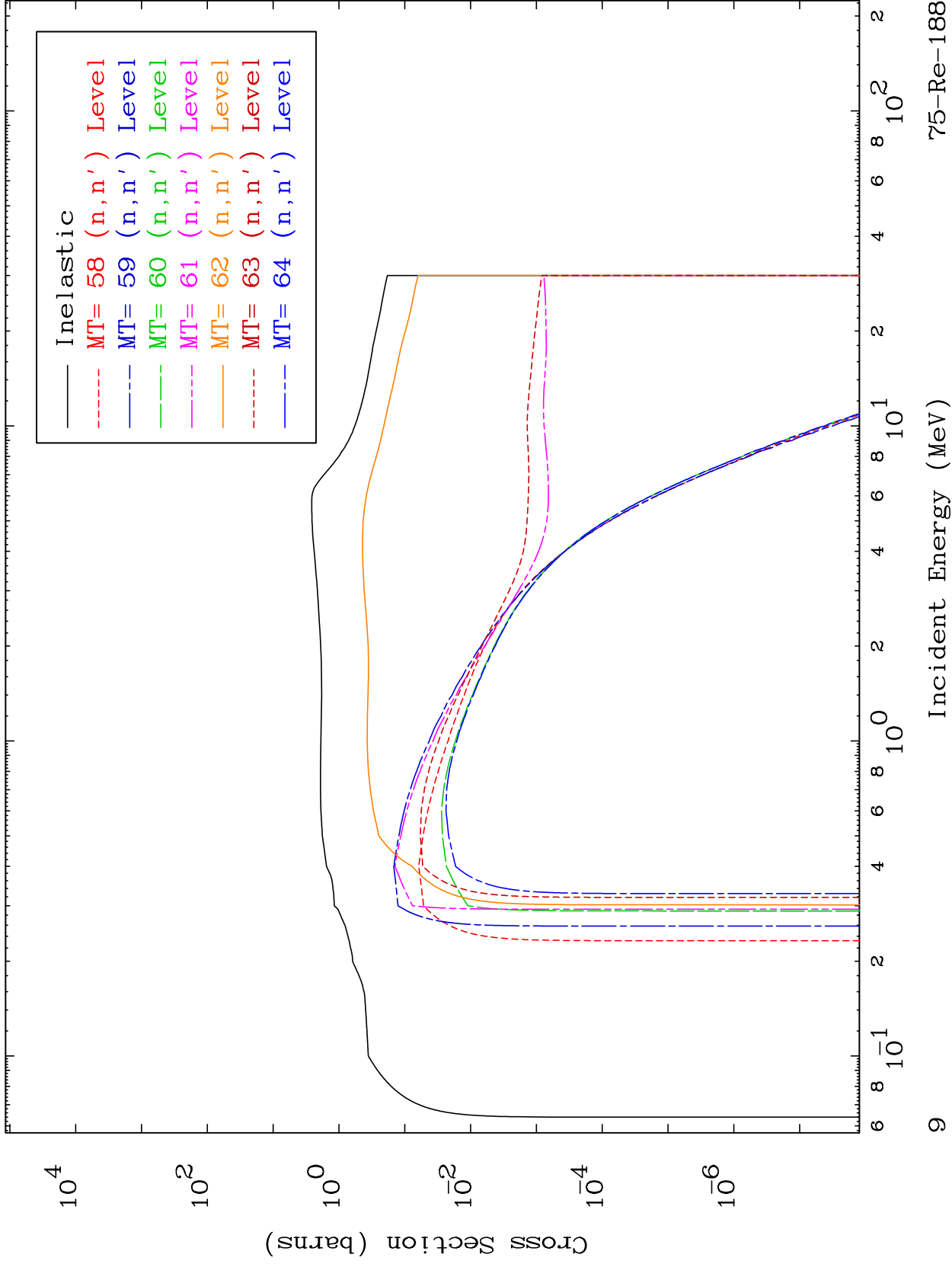
75-Re-188

MAT 7534

(n,n') Levels

75-Re-188

293 Kelvin Cross Sections

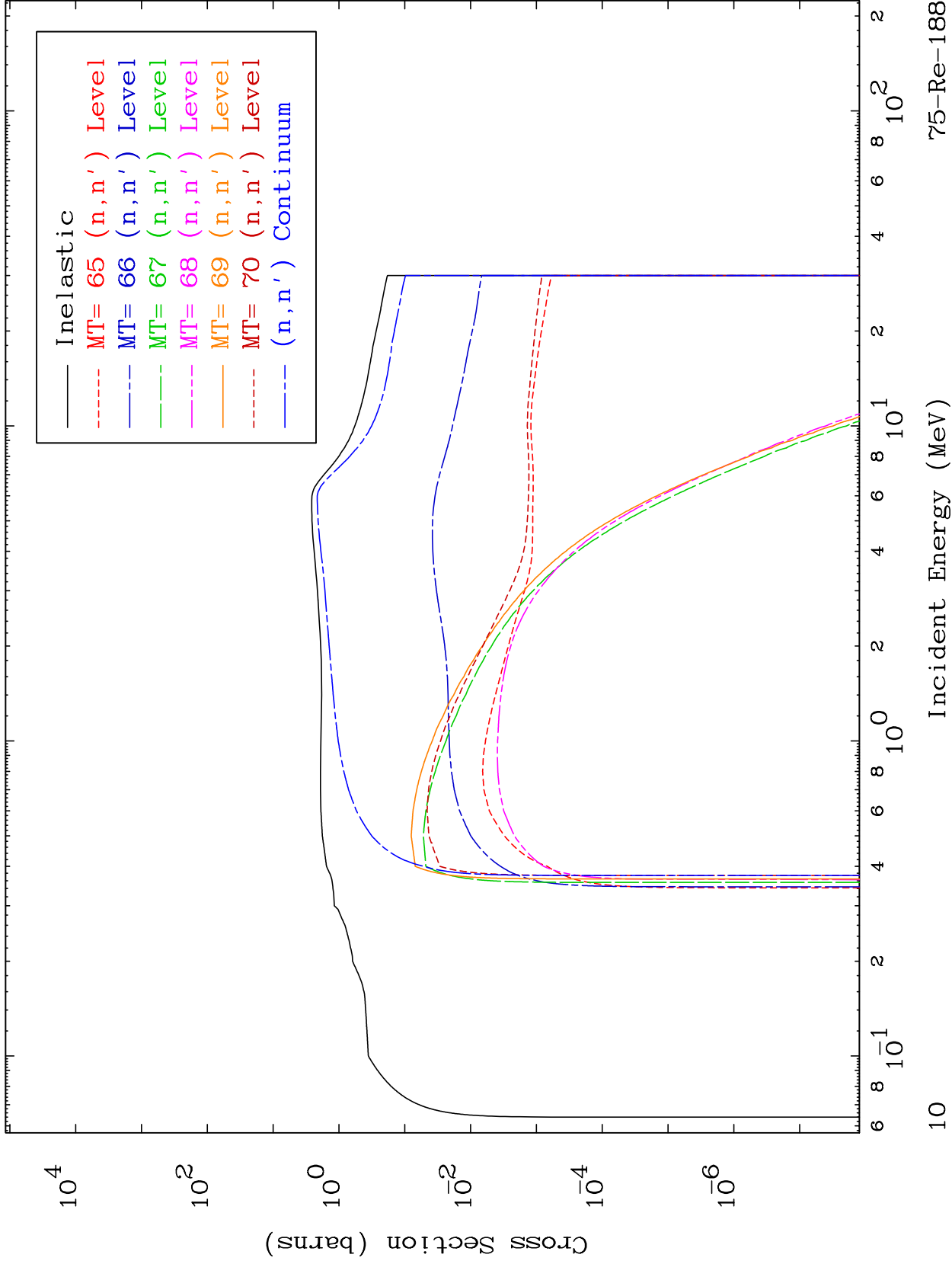


MAT 7534

(n,n') Levels

75-Re-188

293 Kelvin Cross Sections



10

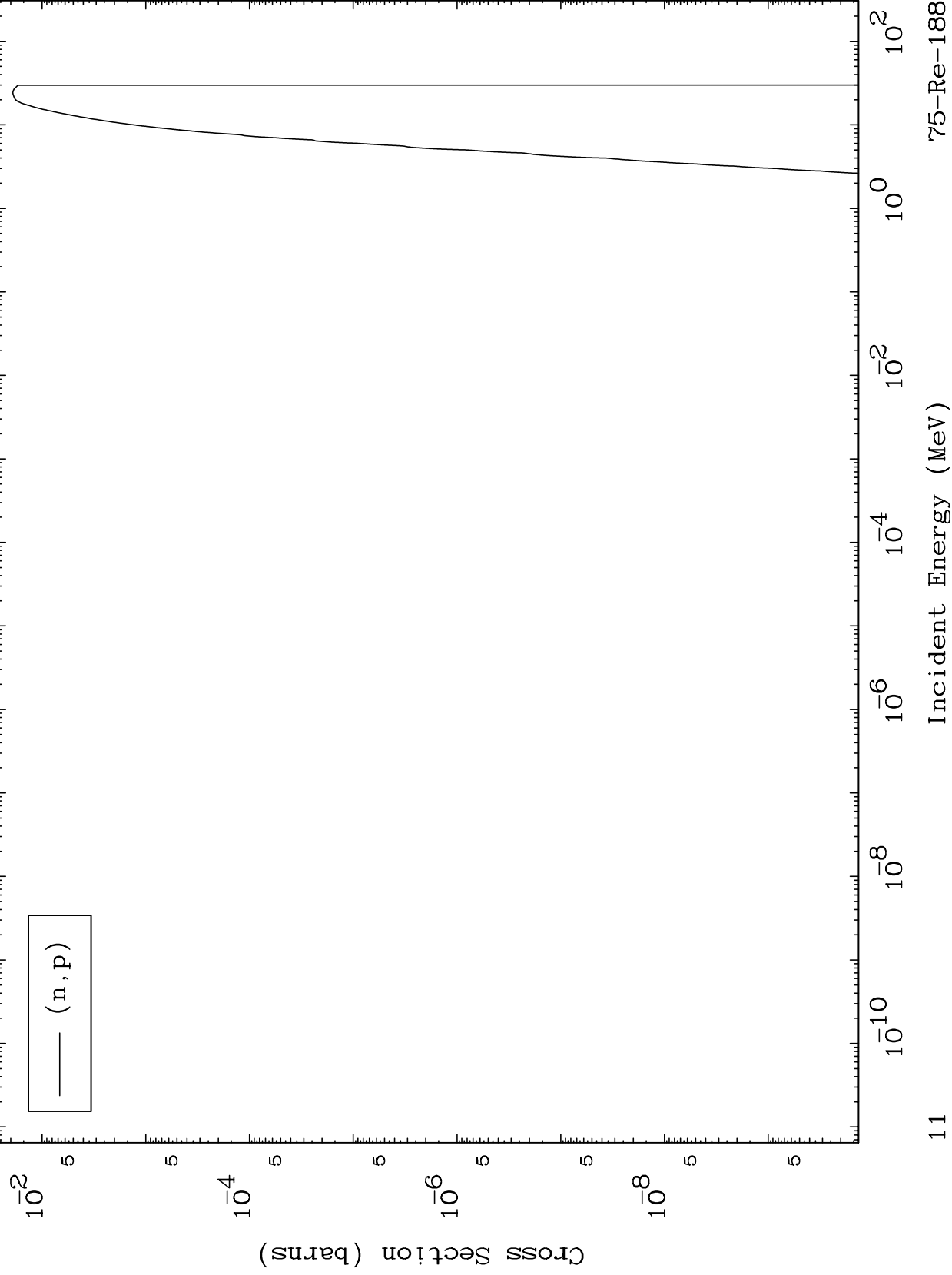
Incident Energy (MeV)

75-Re-188

MAT 7534

(n,p) Levels
293 Kelvin Cross Sections

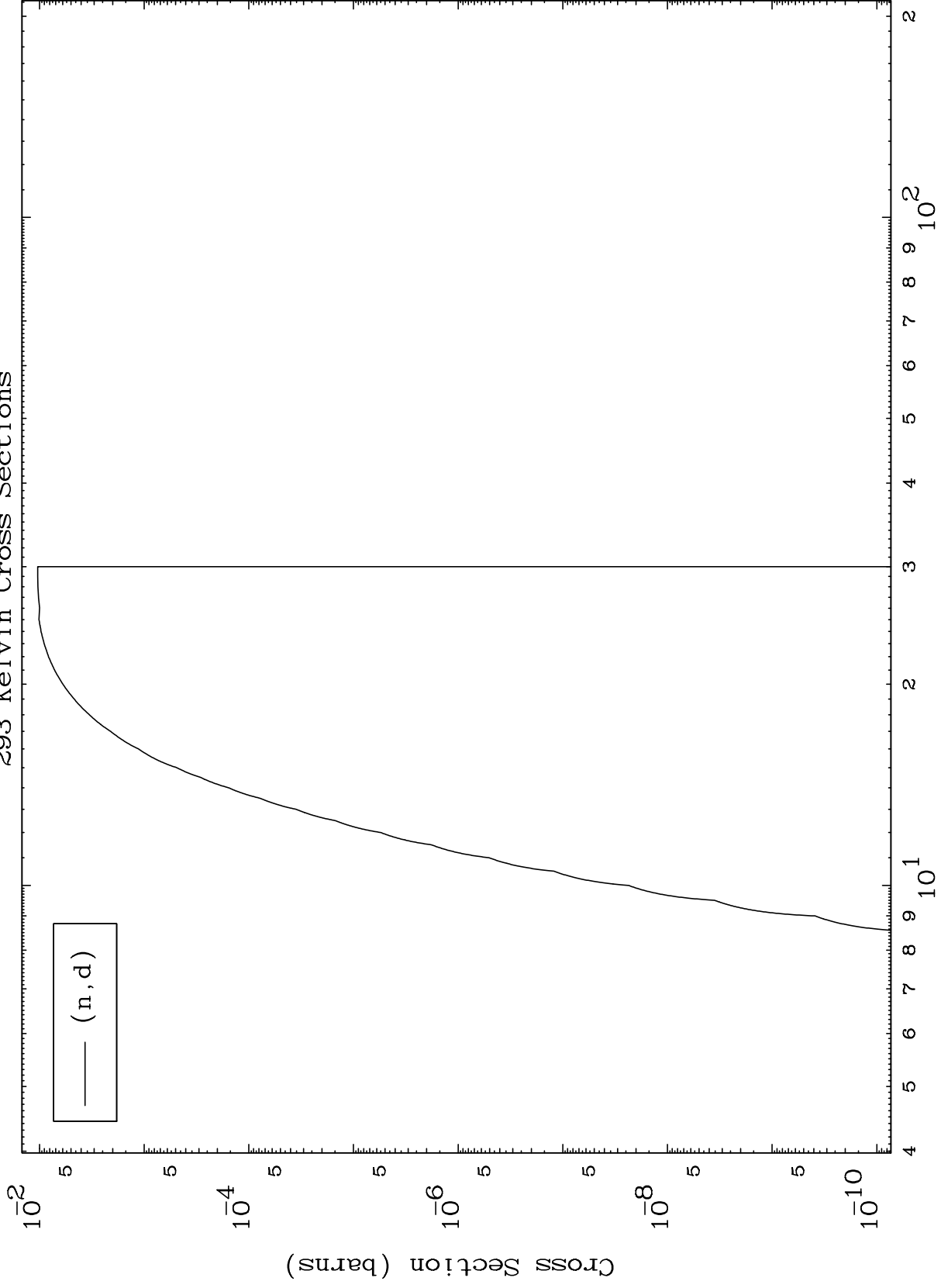
75-Re-188



MAT 7534

(n,d) Levels
293 Kelvin Cross Sections

75-Re-188



12

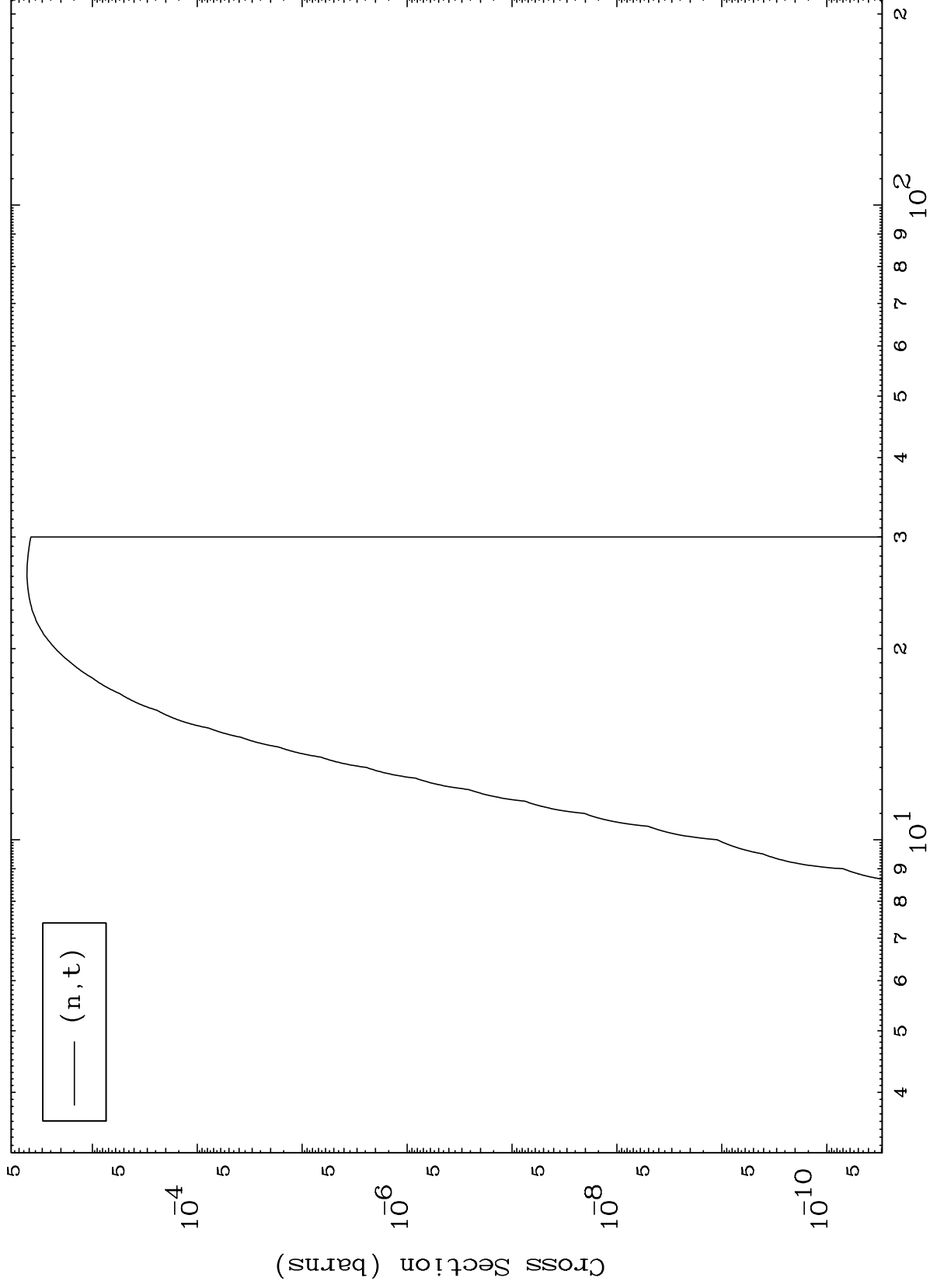
Incident Energy (MeV)

75-Re-188

MAT 7534

(n,t) Levels
293 Kelvin Cross Sections

75-Re-188



13

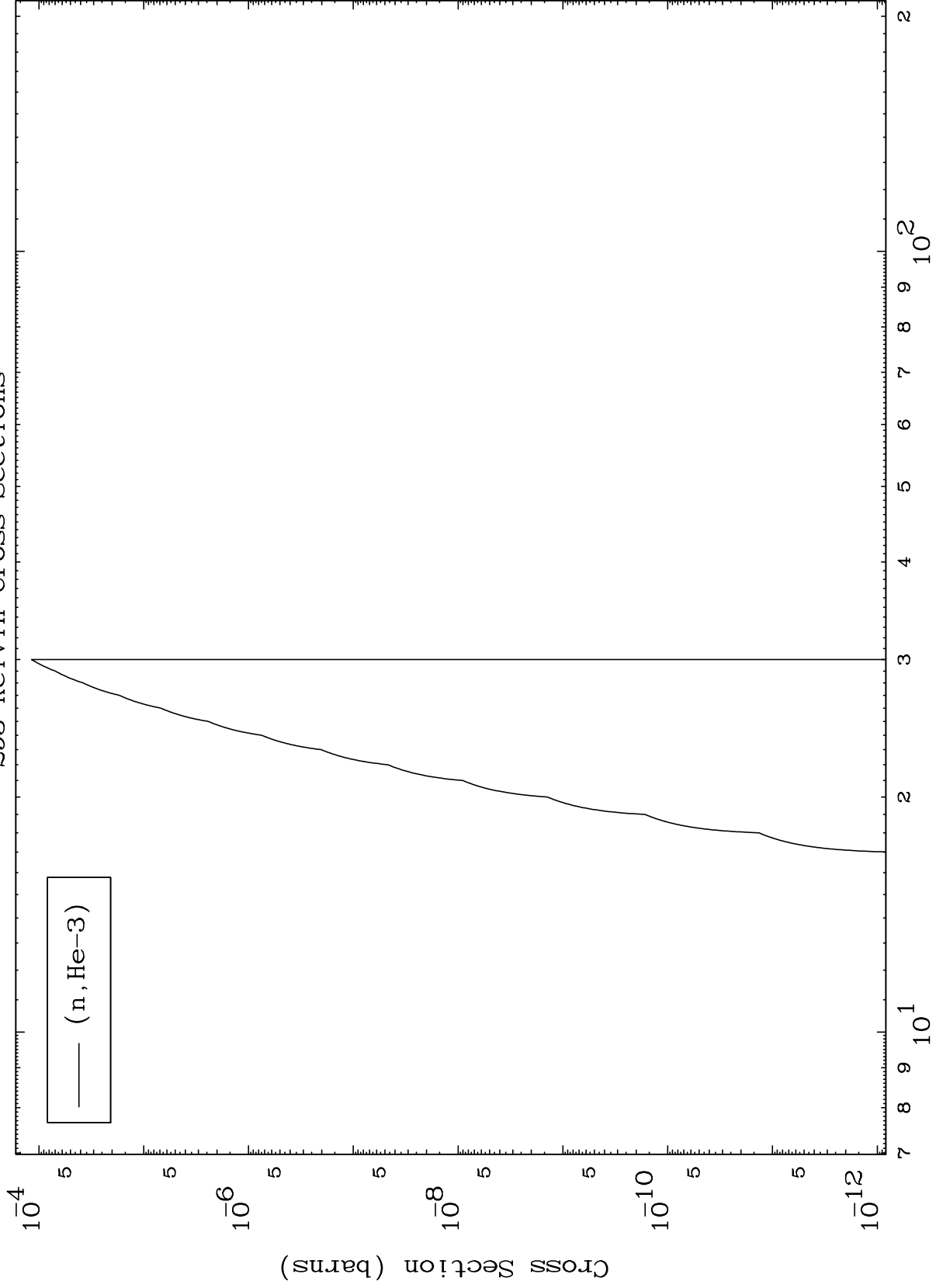
Incident Energy (MeV)

75-Re-188

MAT 7534

(n,He3) Levels
293 Kelvin Cross Sections

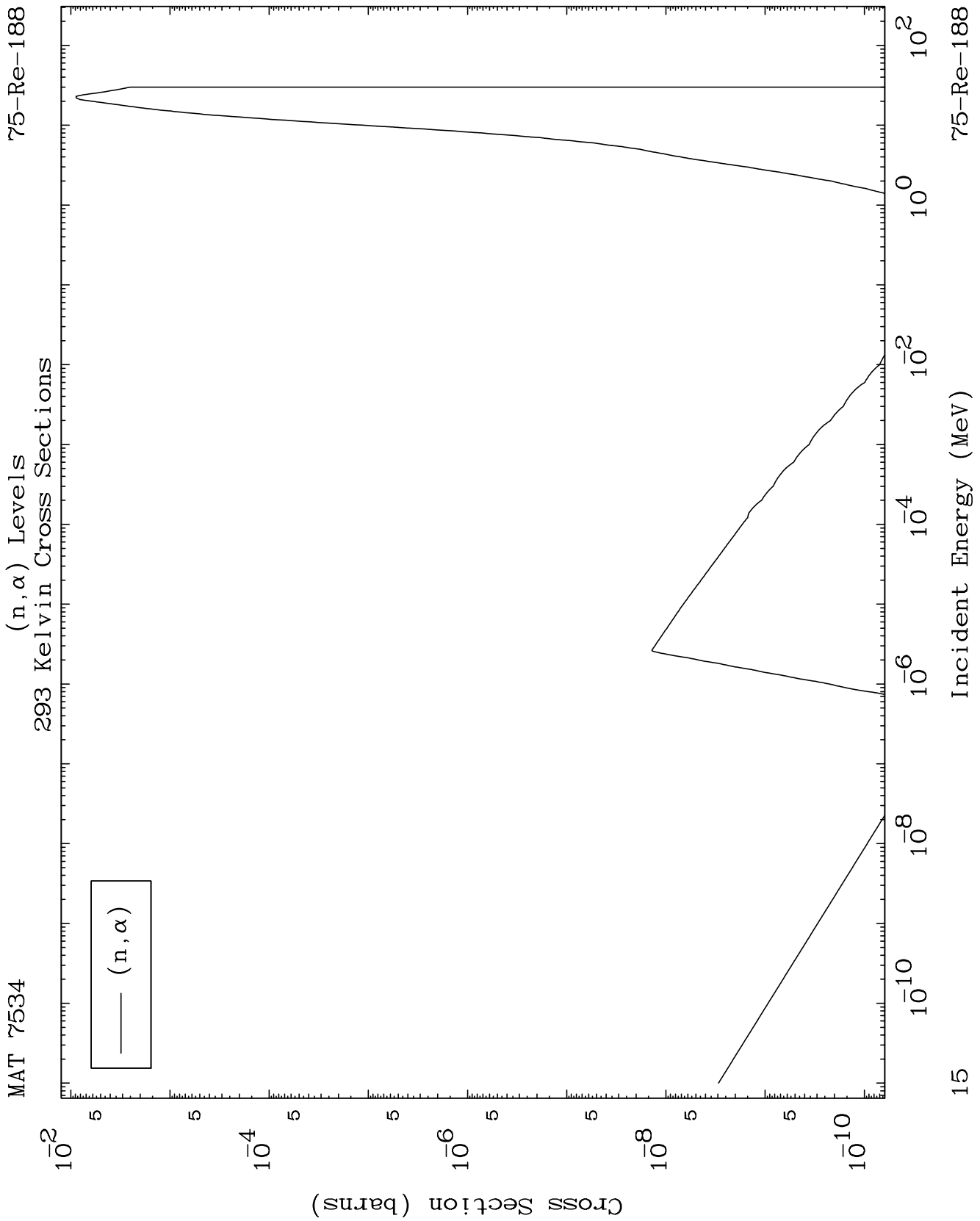
75-Re-188

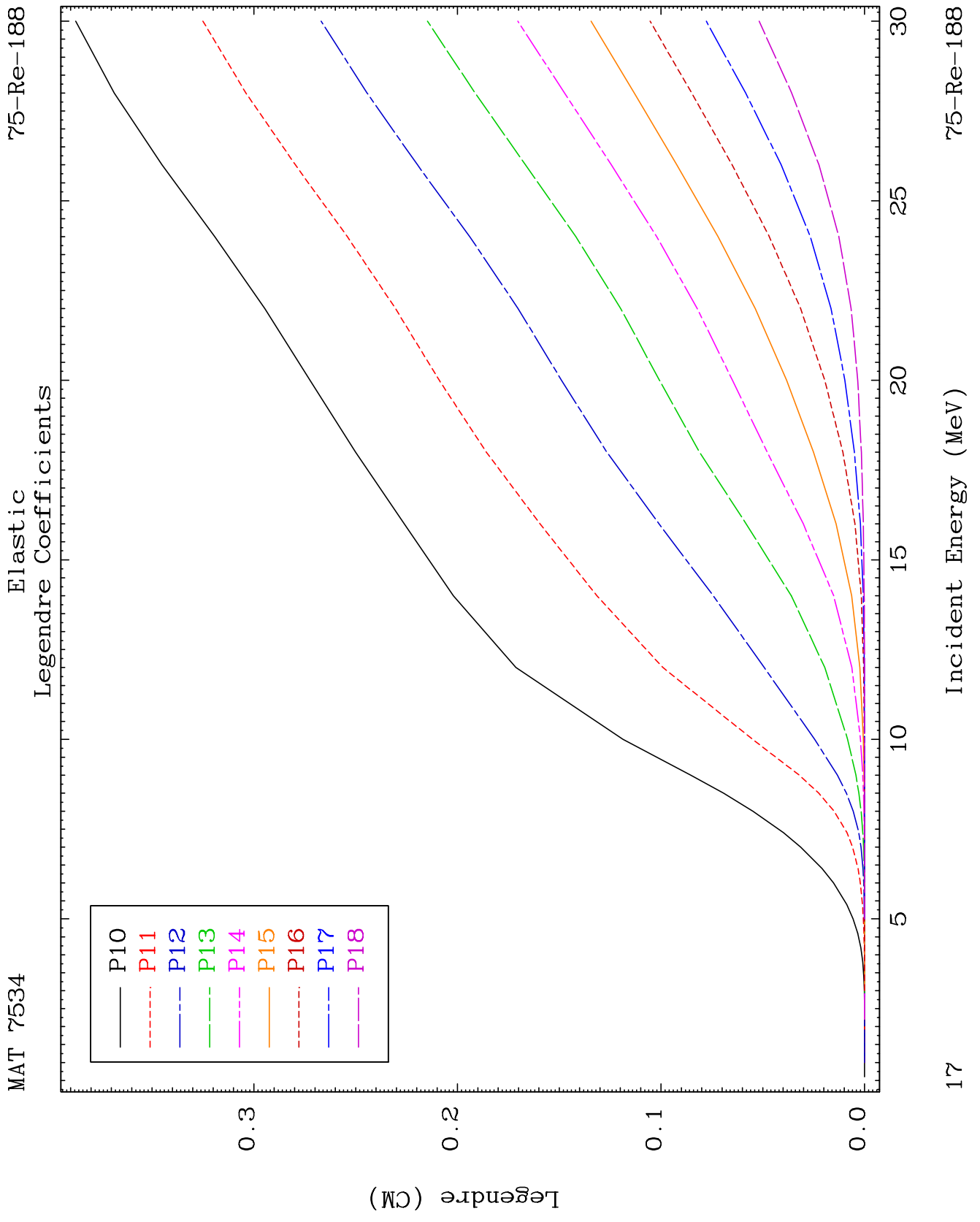


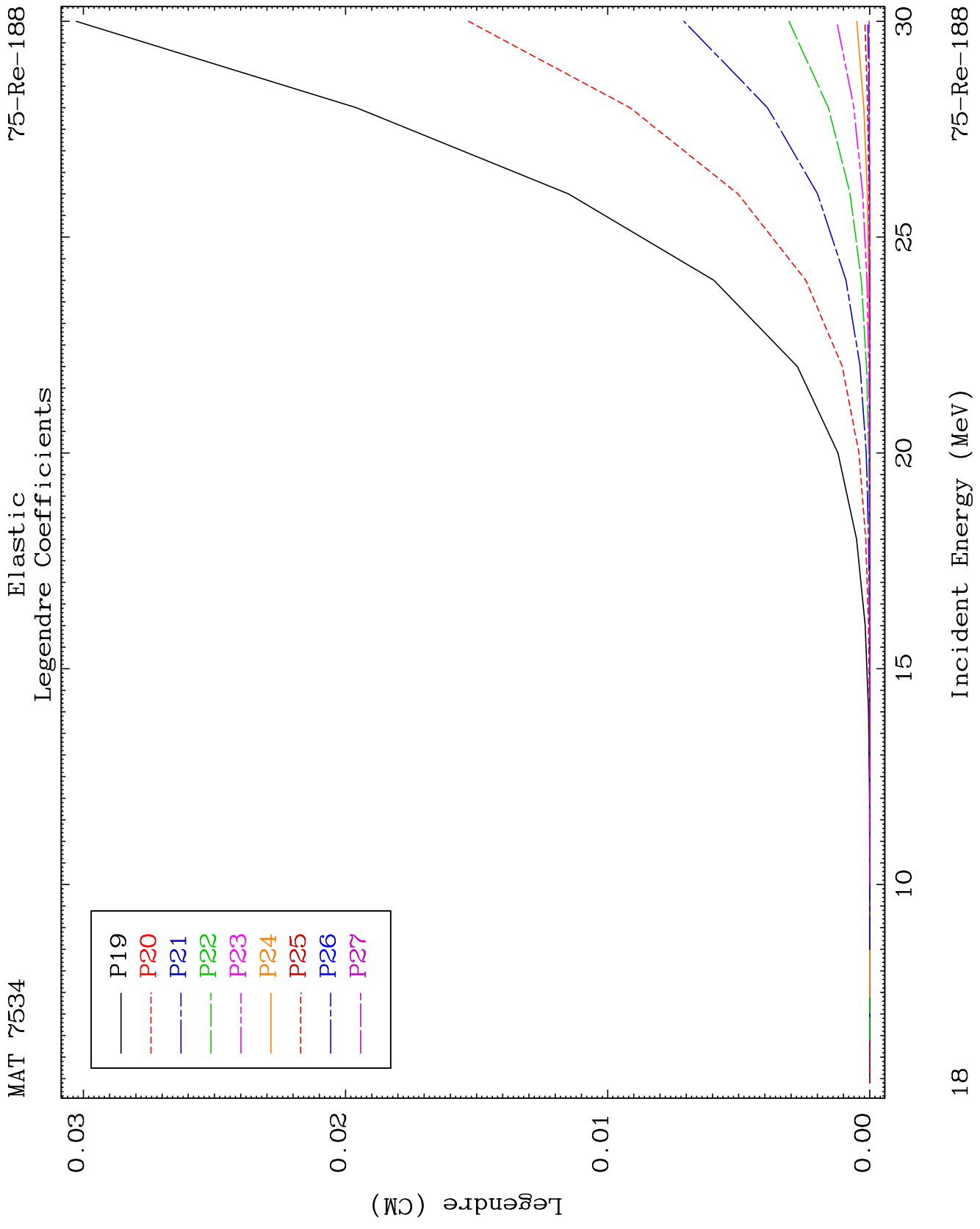
14

Incident Energy (MeV)

75-Re-188



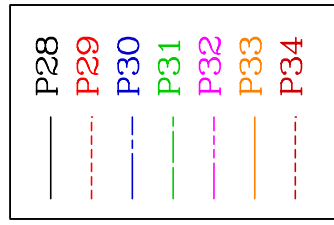




MAT 7534

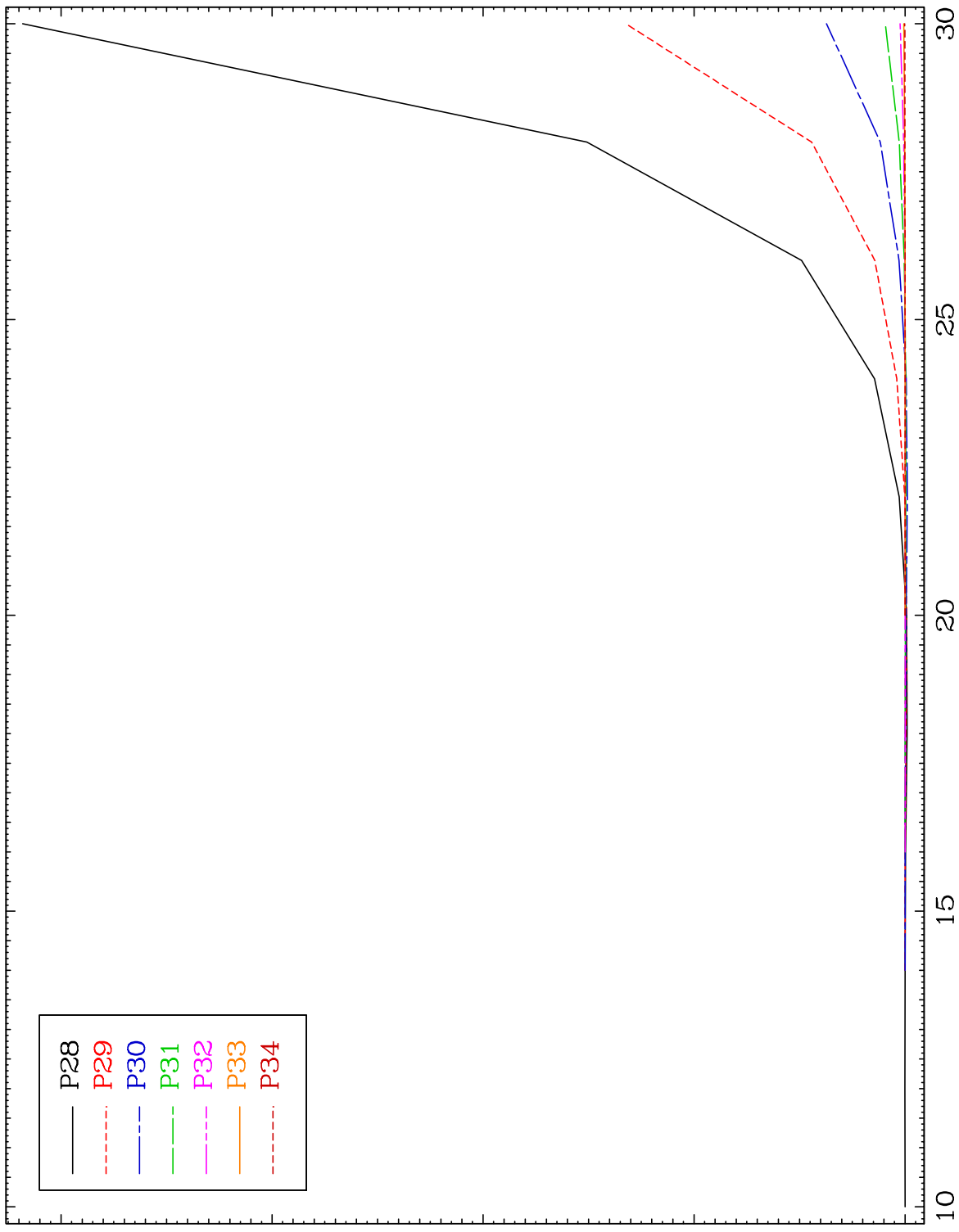
Elastic Legendre Coefficients

75-Re-188



$\times 10^{-68}$

Legendre (CM)



10

15

20

25

30

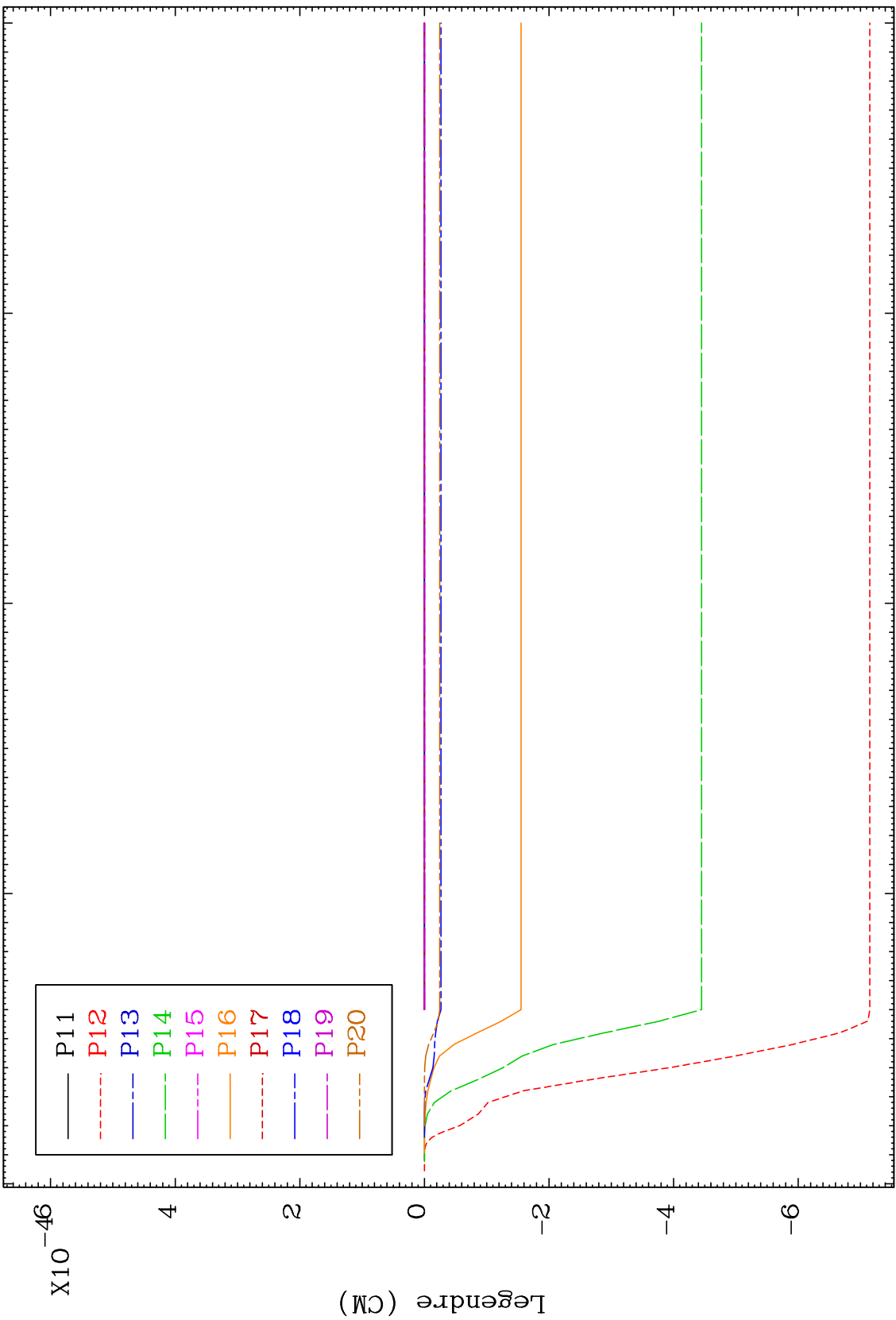
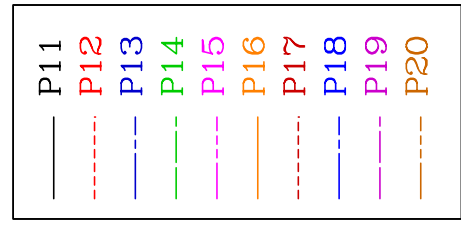
Incident Energy (MeV)

75-Re-188

MAT 7534

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

75-Re-188



200

150

100

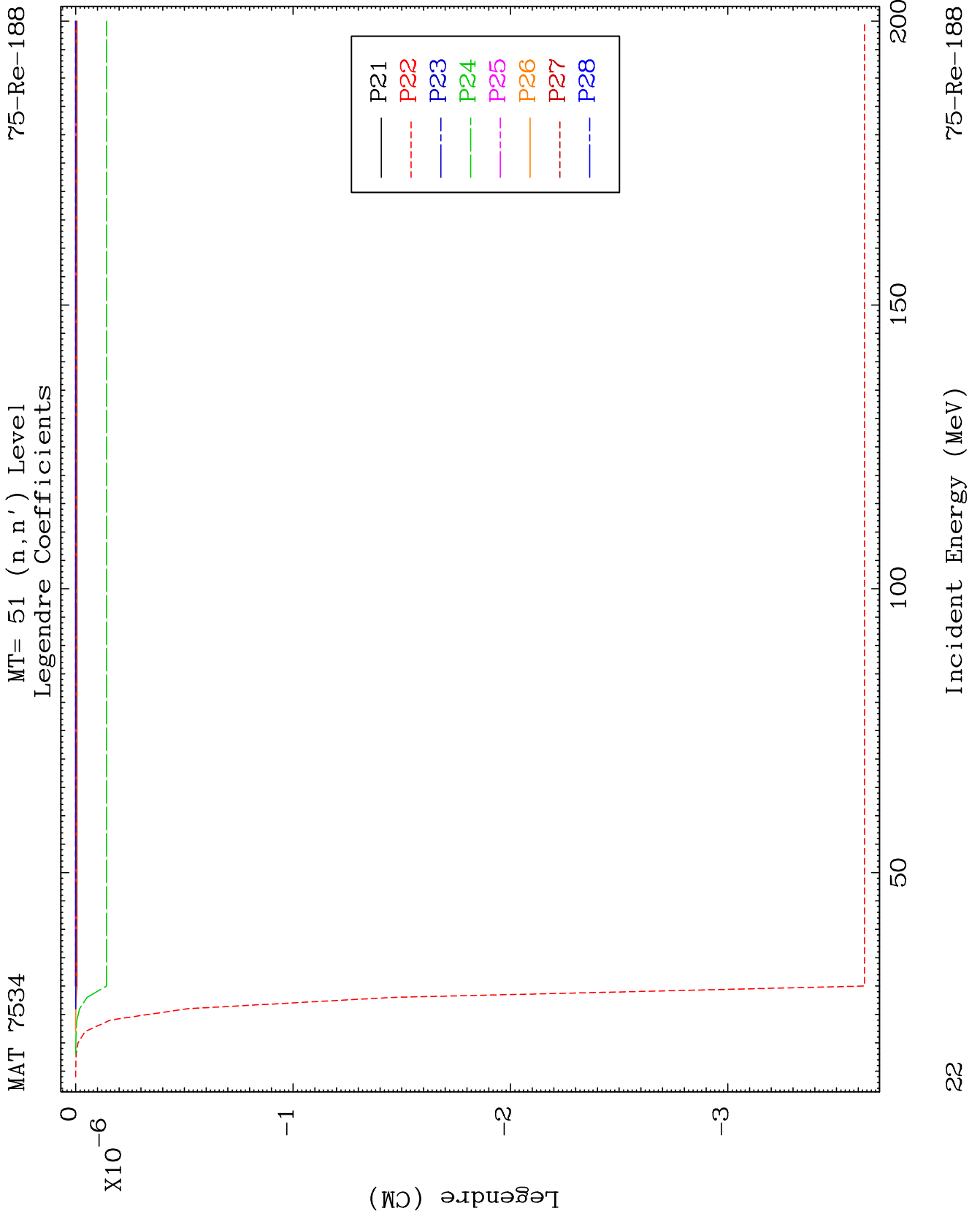
50

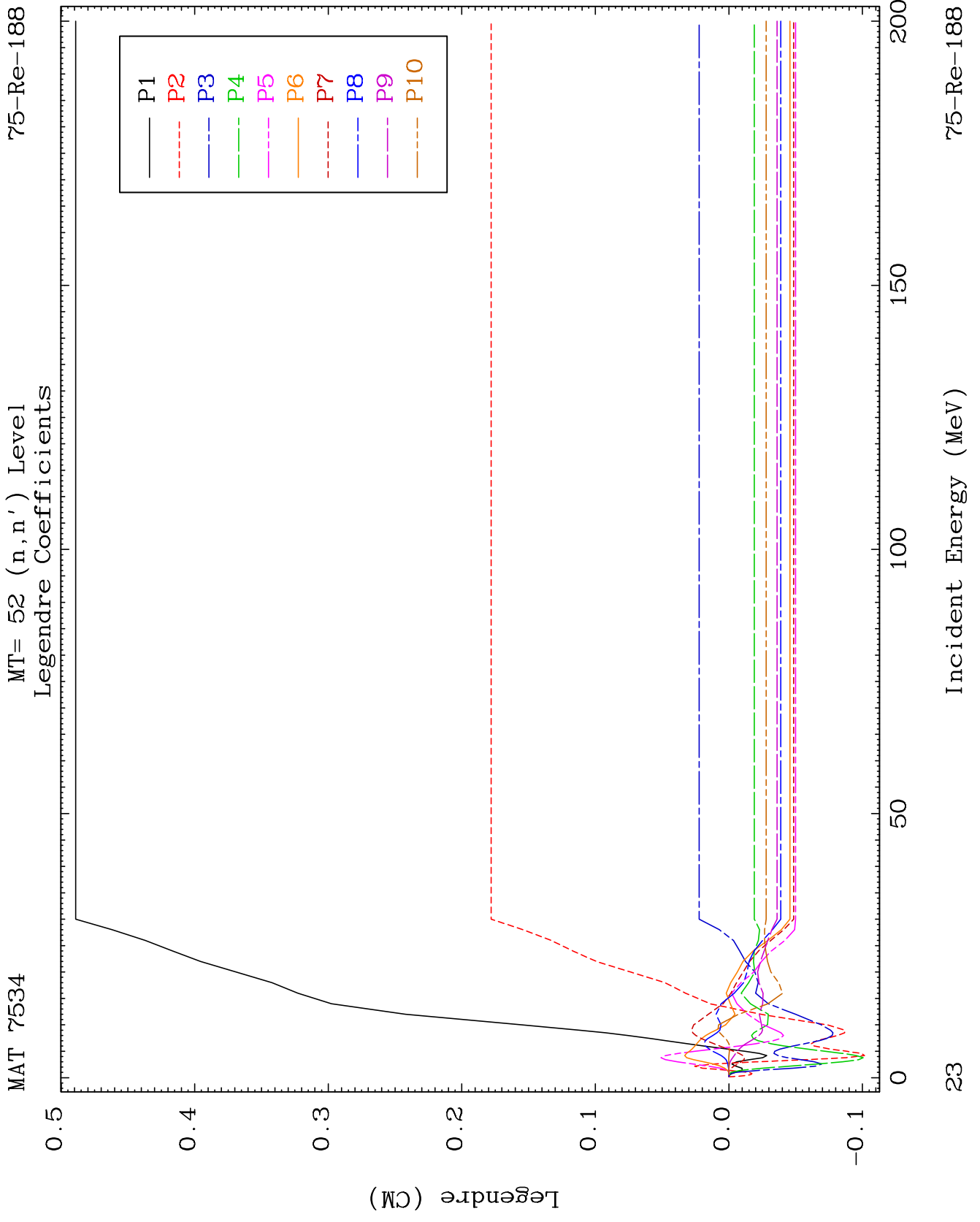
0

21

Incident Energy (MeV)

75-Re-188

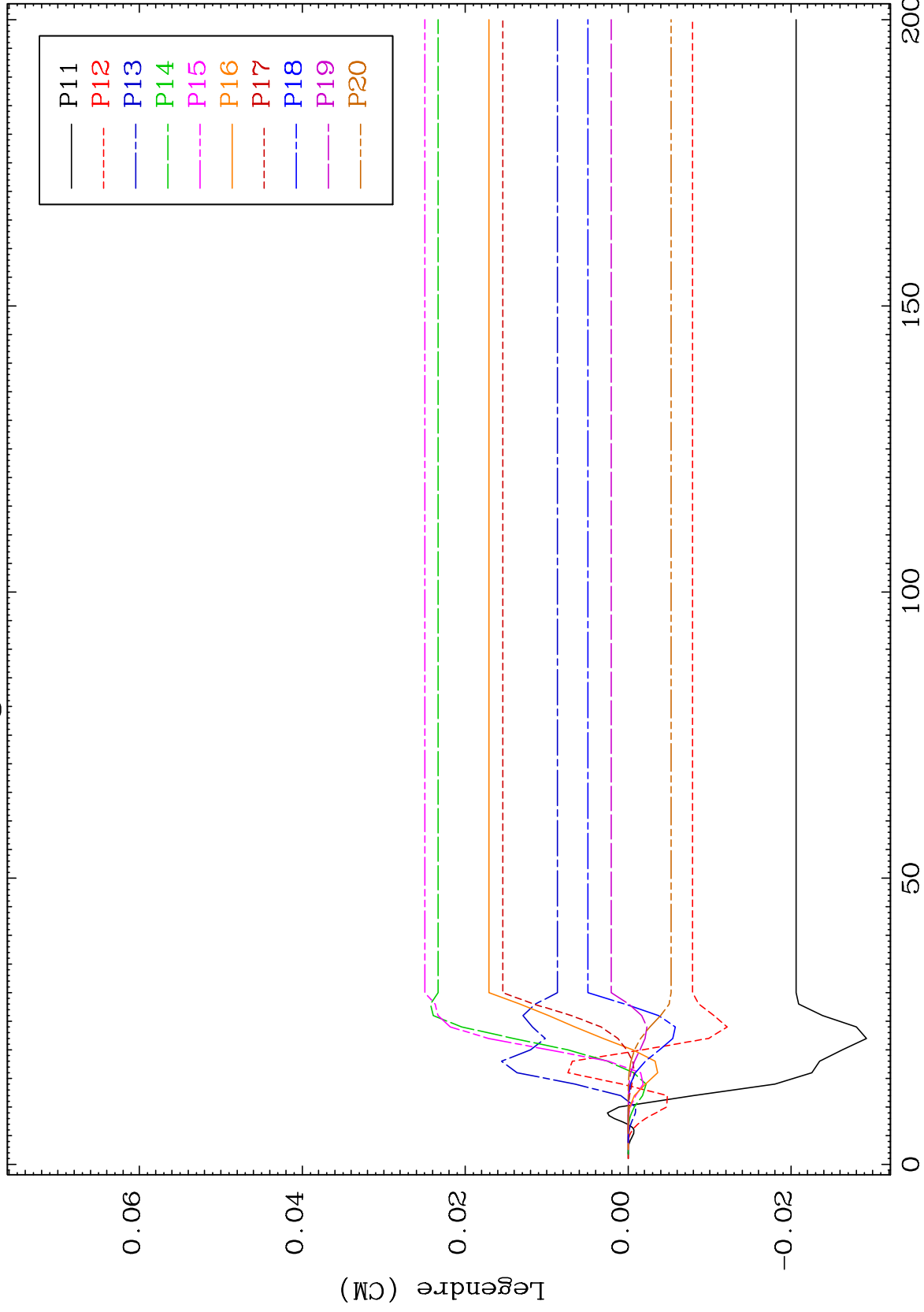




MAT 7534

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

75-Re-188



24

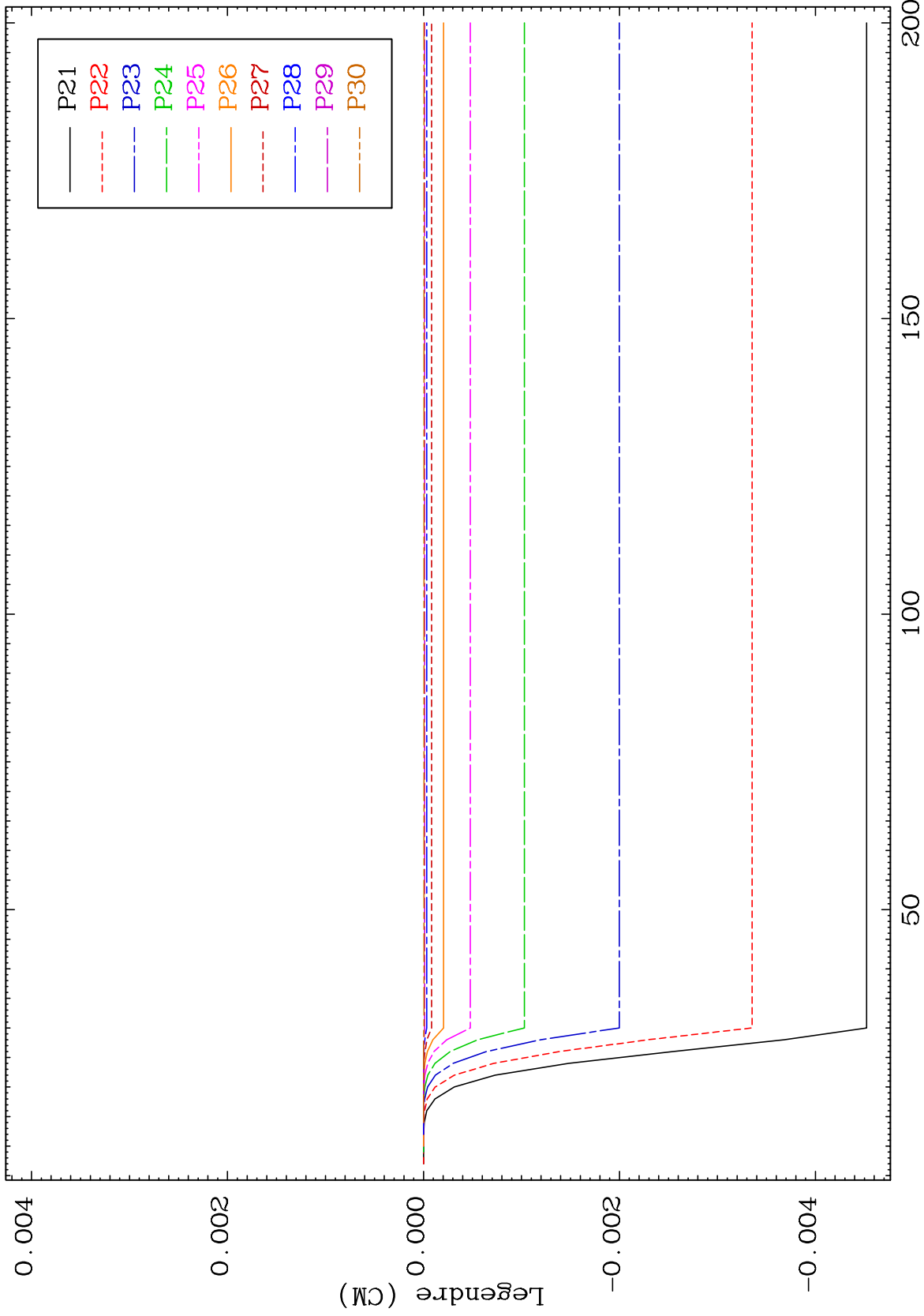
Incident Energy (MeV)

75-Re-188

MAT 7534

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

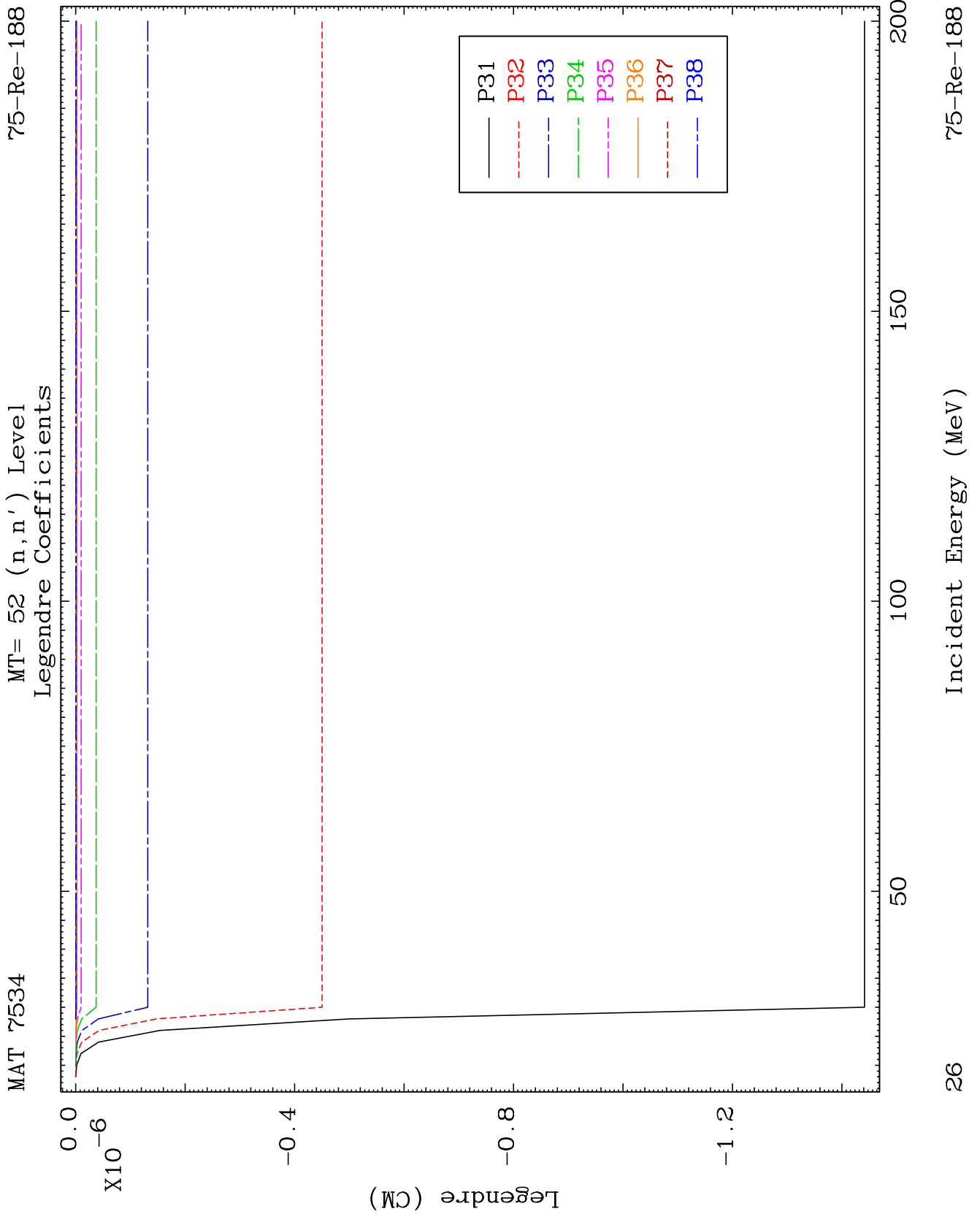
75-Re-188



25

Incident Energy (MeV)

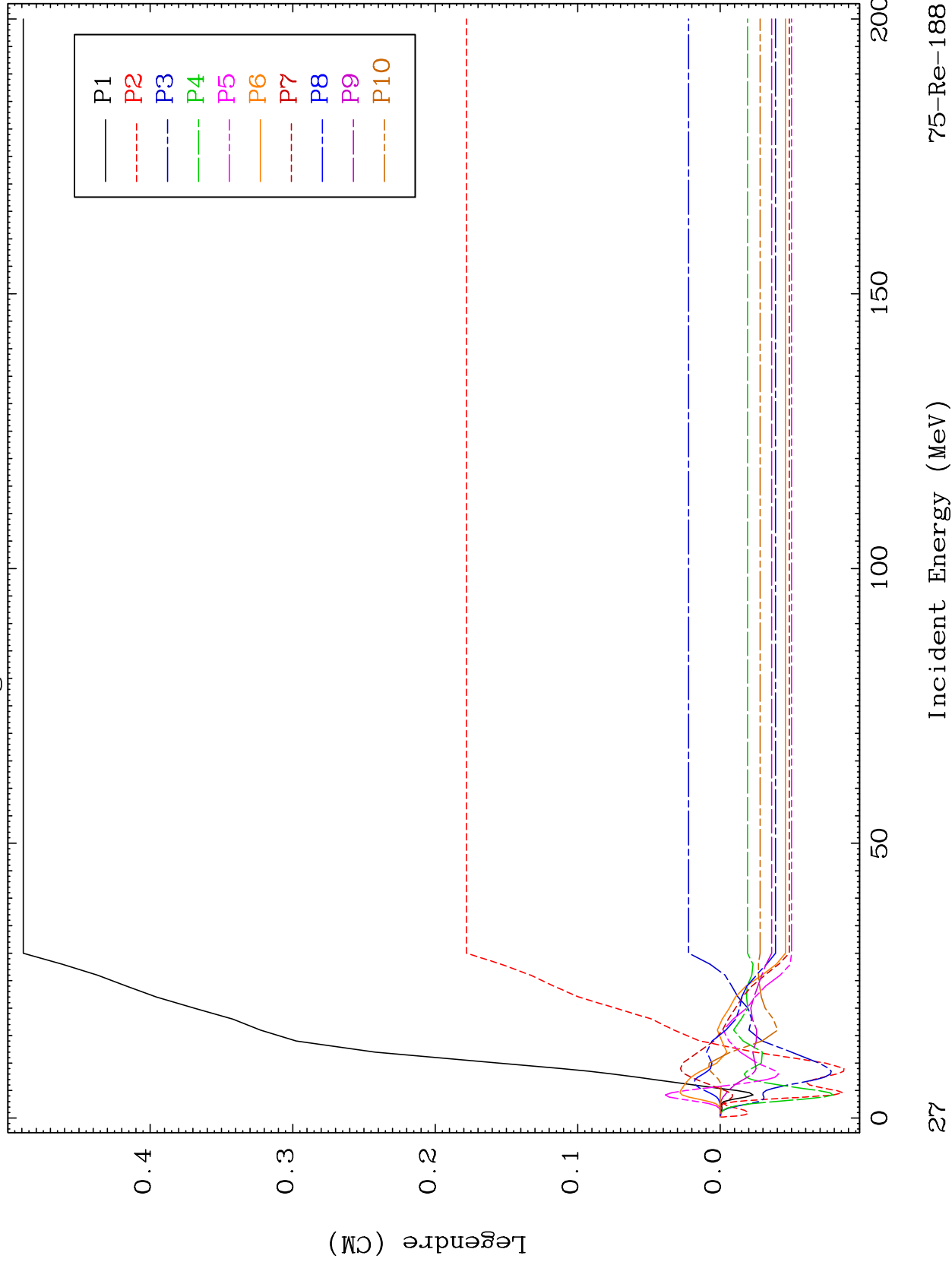
75-Re-188



MAT 7534

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

75-Re-188



75-Re-188

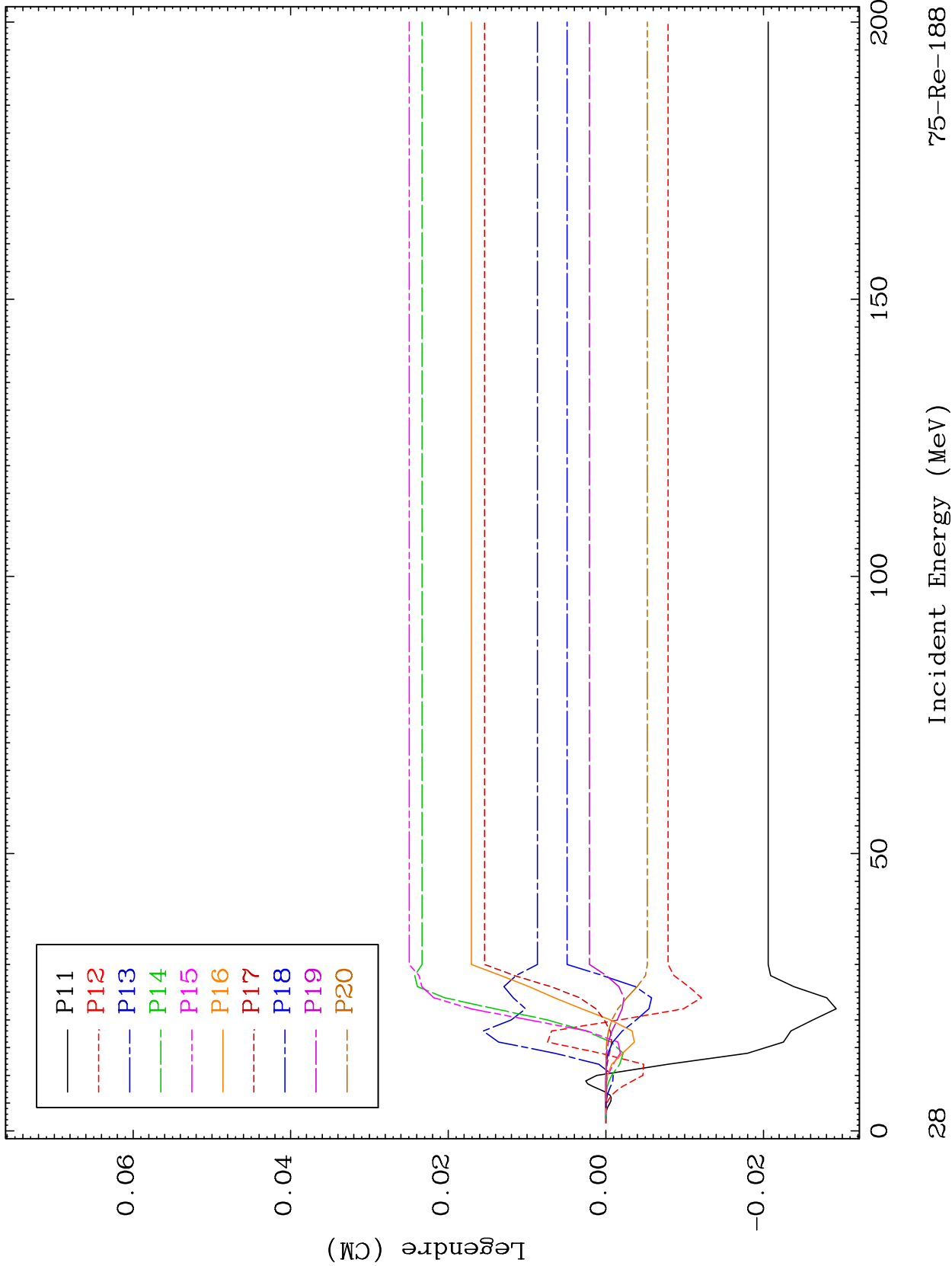
Incident Energy (MeV)

27

MAT 7534

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

75-Re-188



28

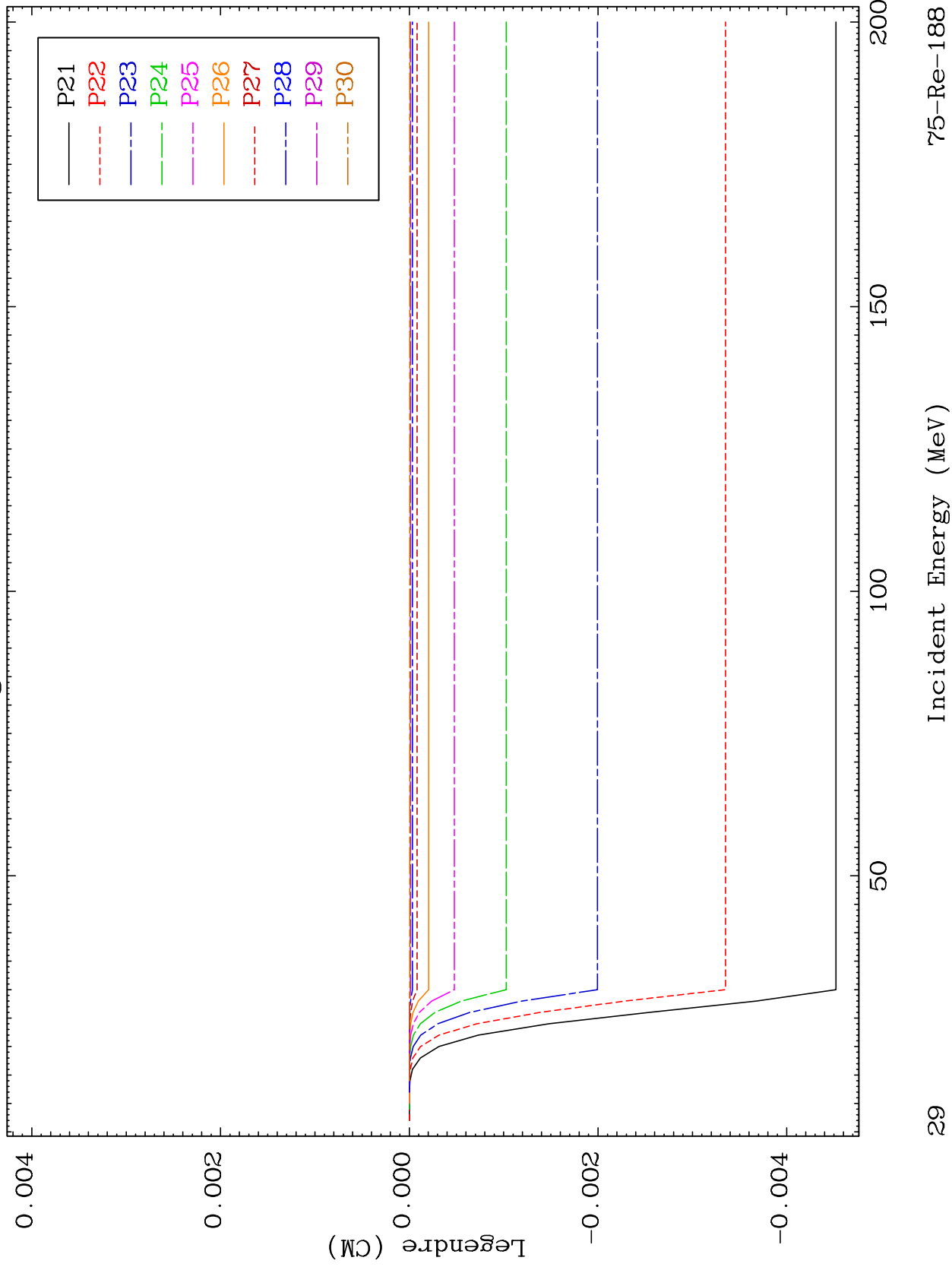
Incident Energy (MeV)

75-Re-188

MAT 7534

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

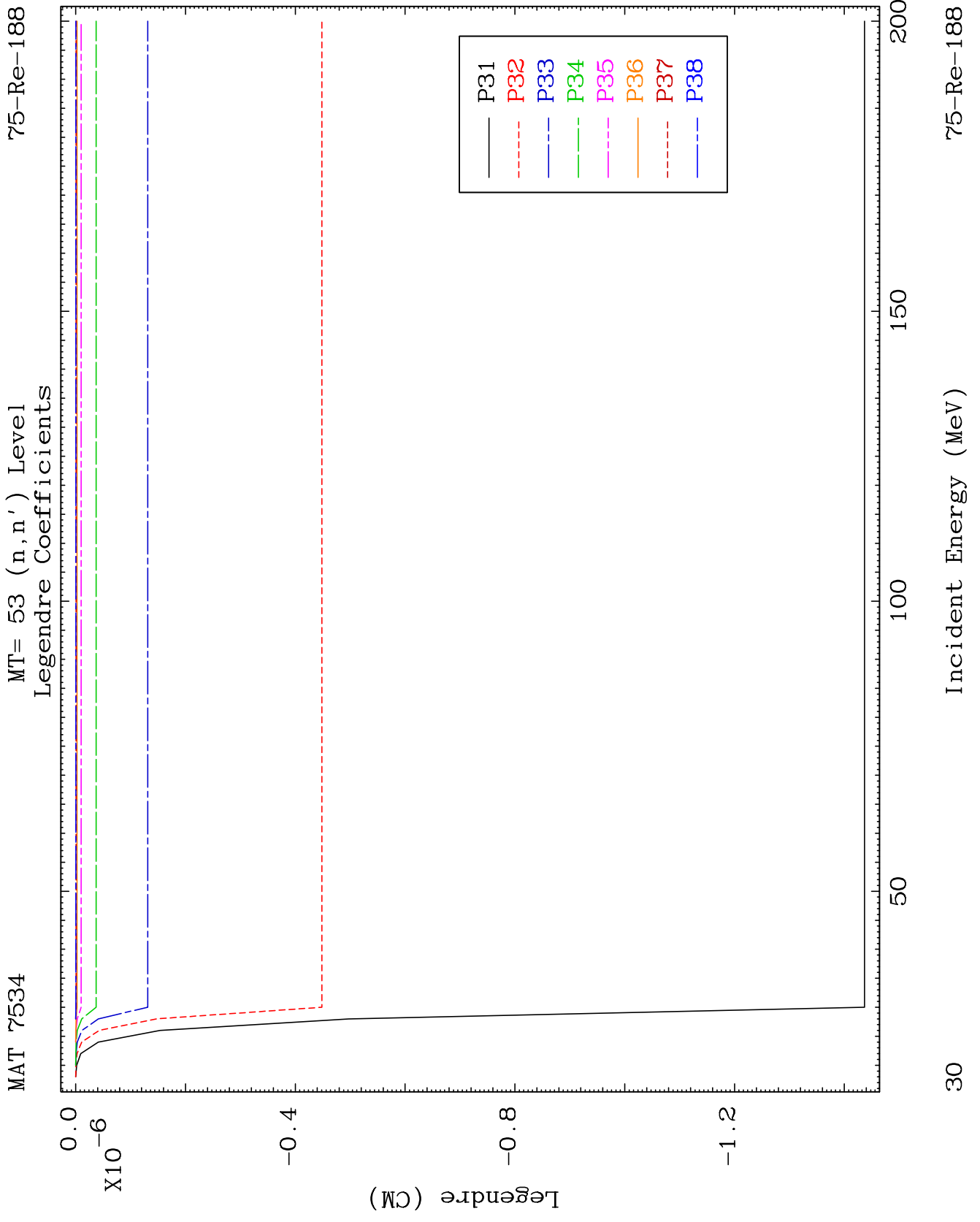
75-Re-188



29

Incident Energy (MeV)

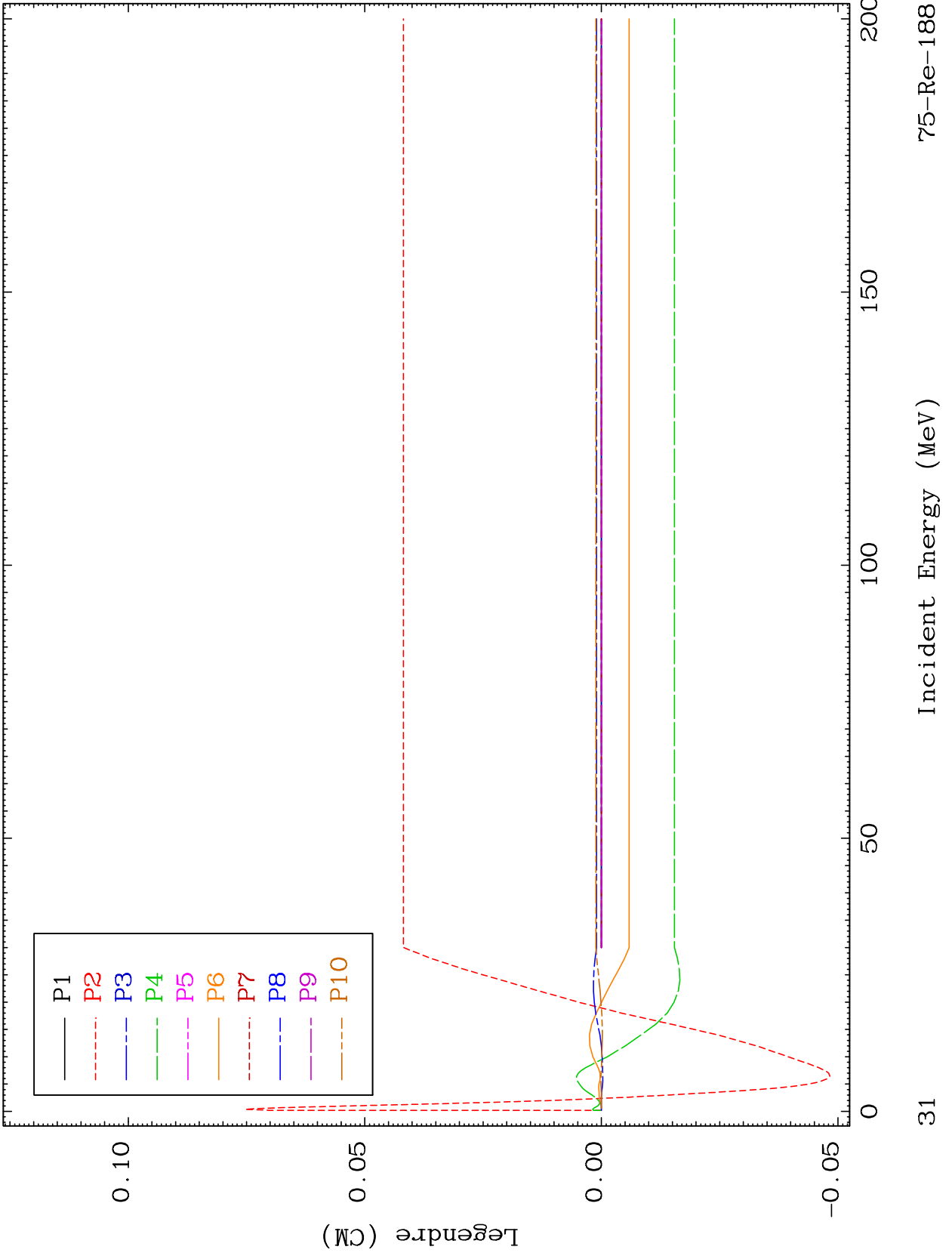
75-Re-188



MAT 7534

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

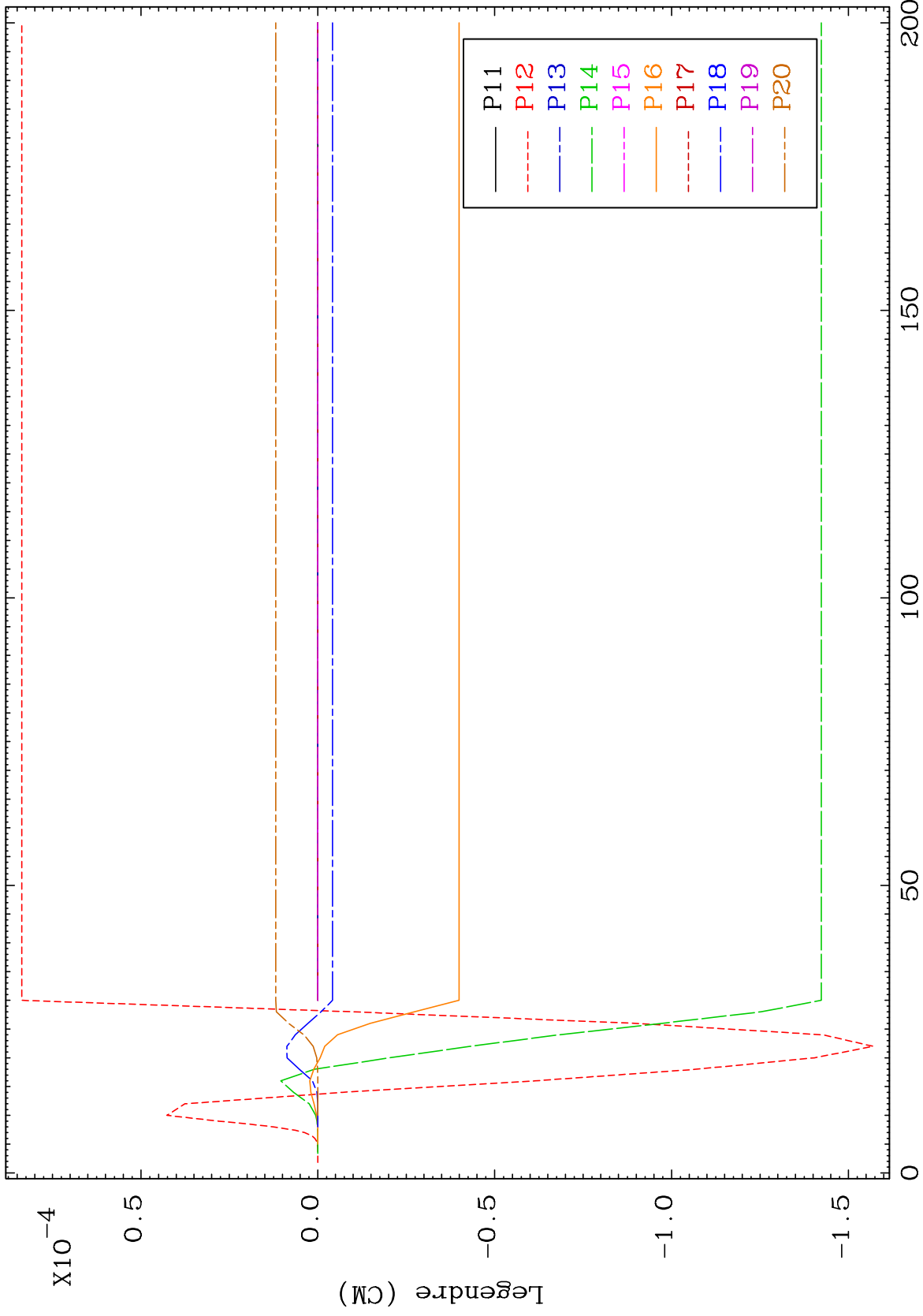
75-Re-188



MAT 7534

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

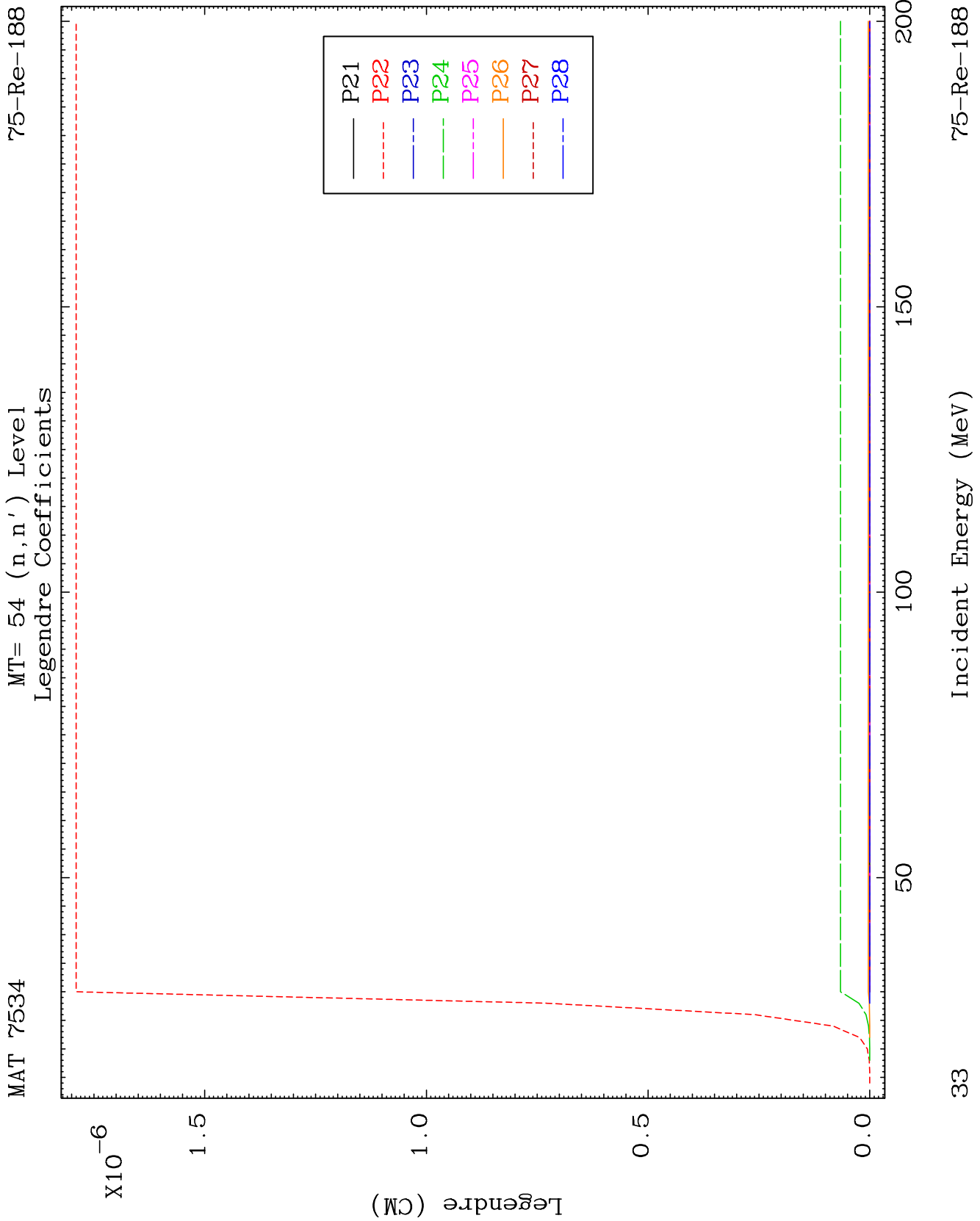
75-Re-188

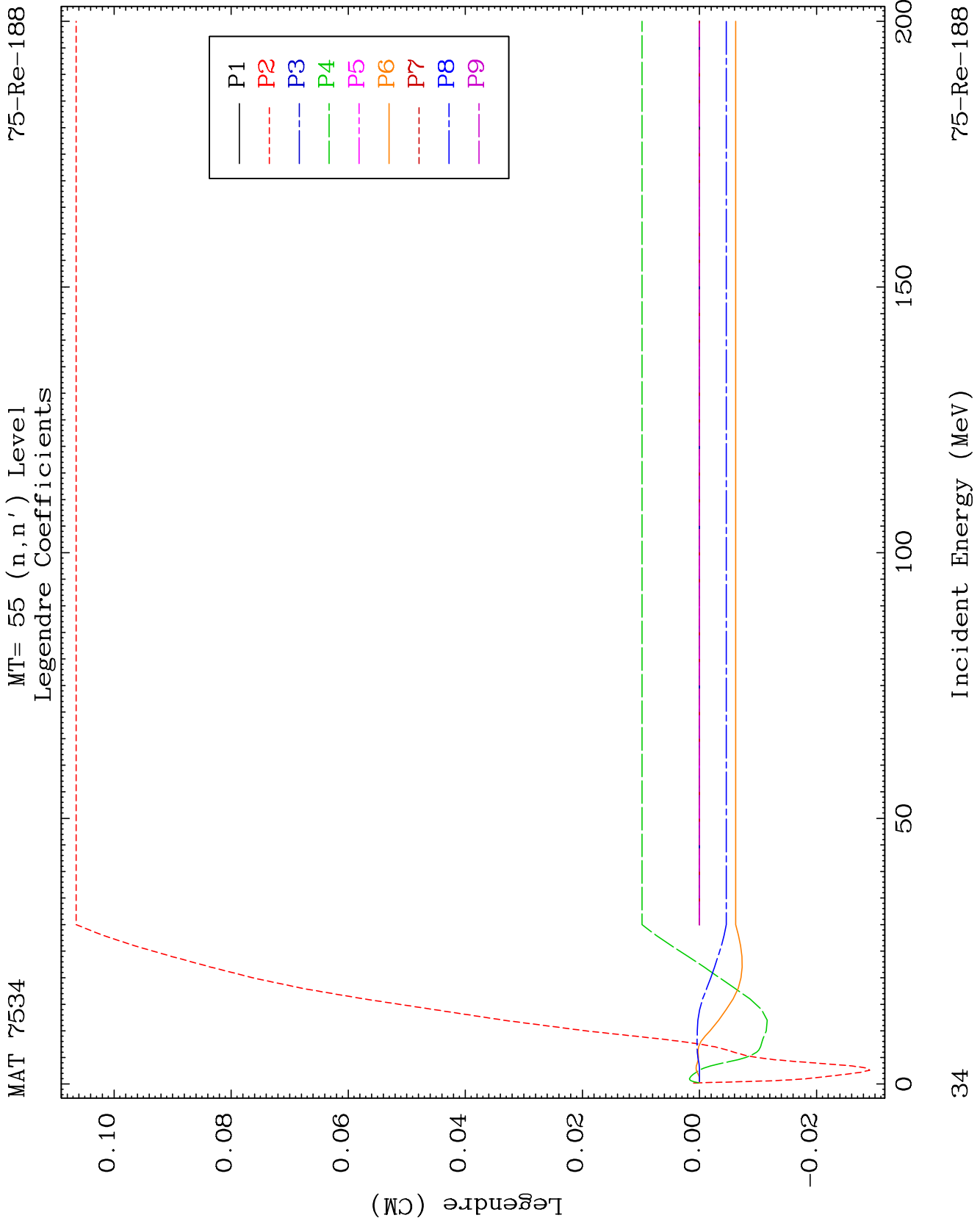


32

Incident Energy (MeV)

75-Re-188

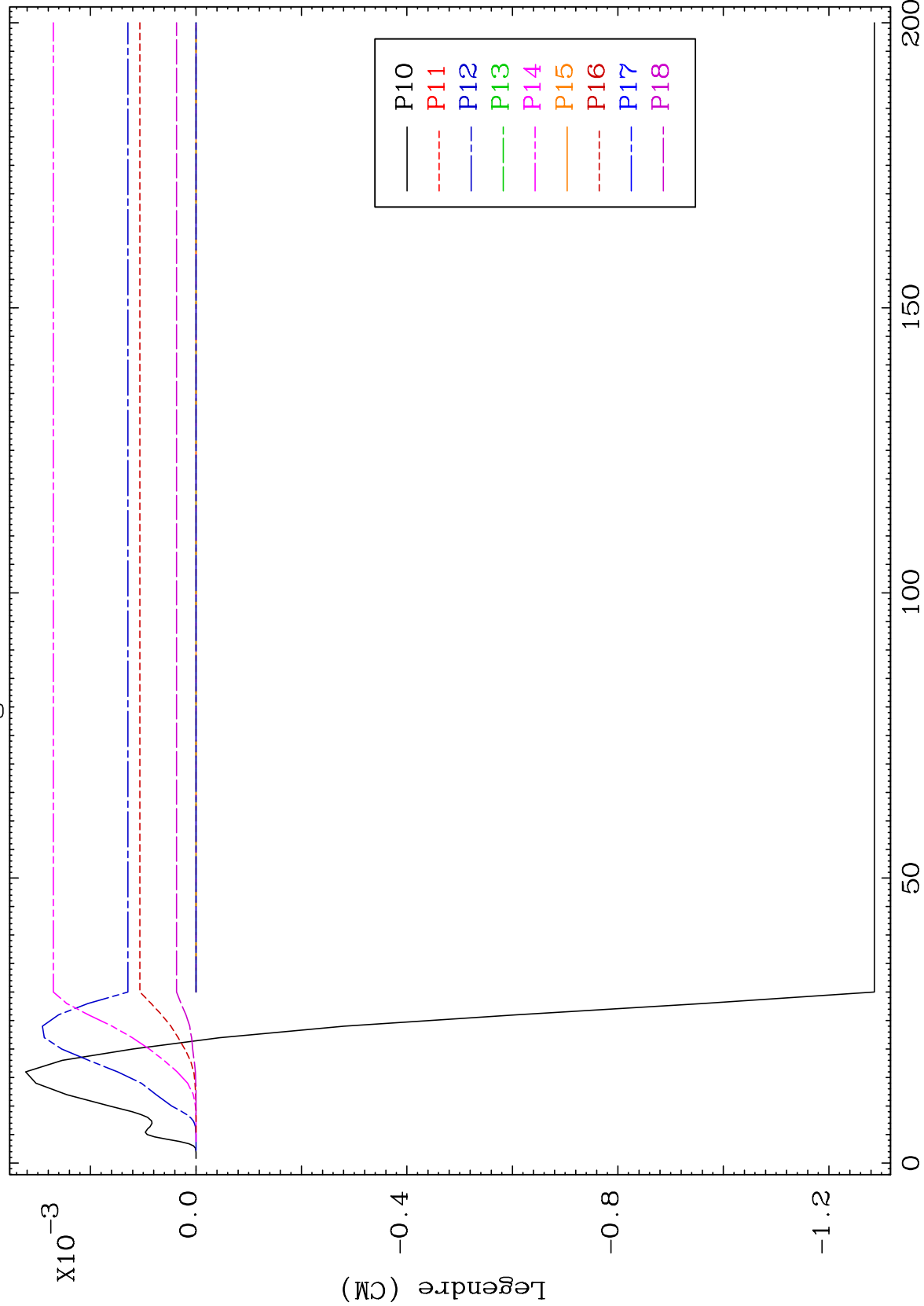




MAT 7534

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

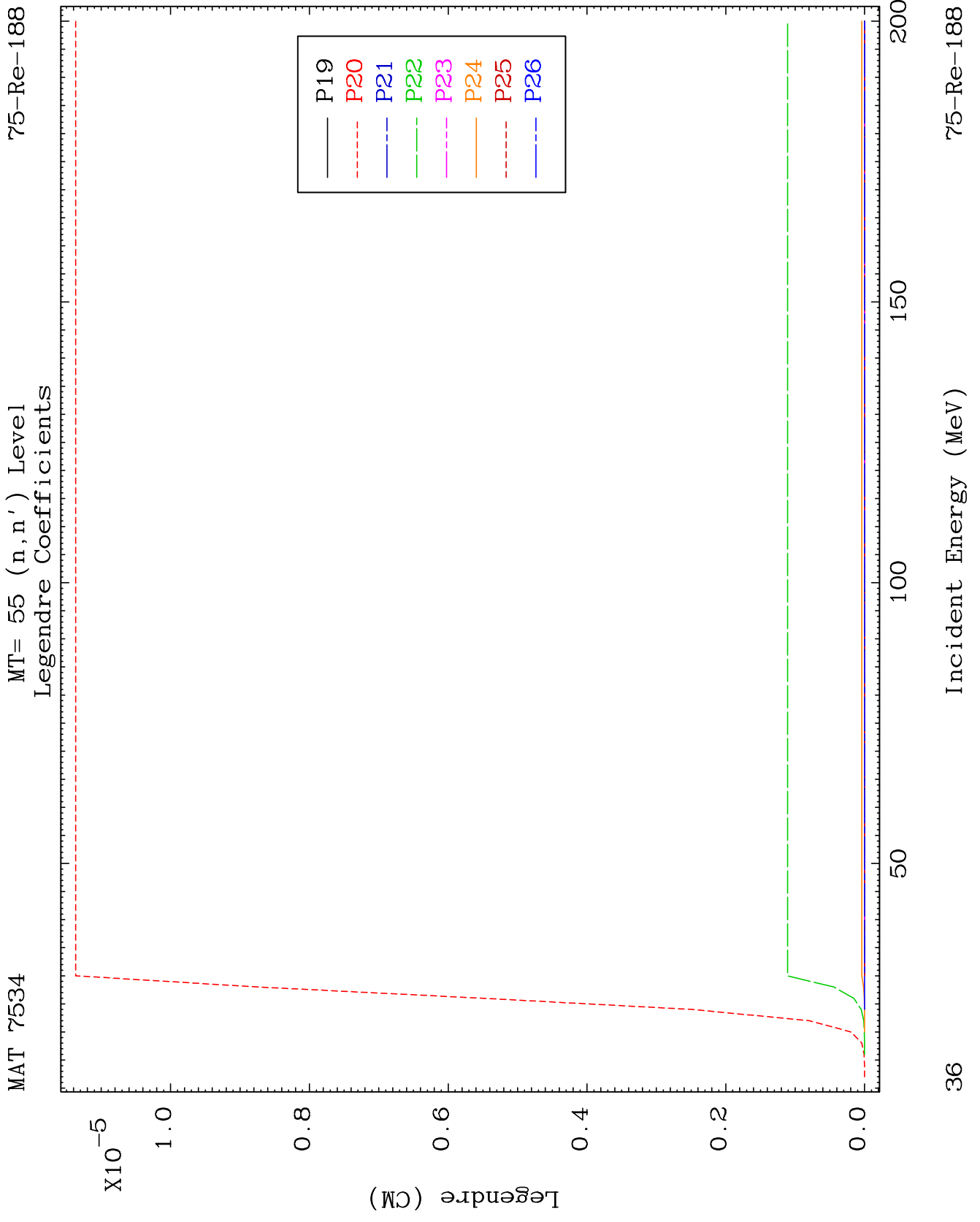
75-Re-188

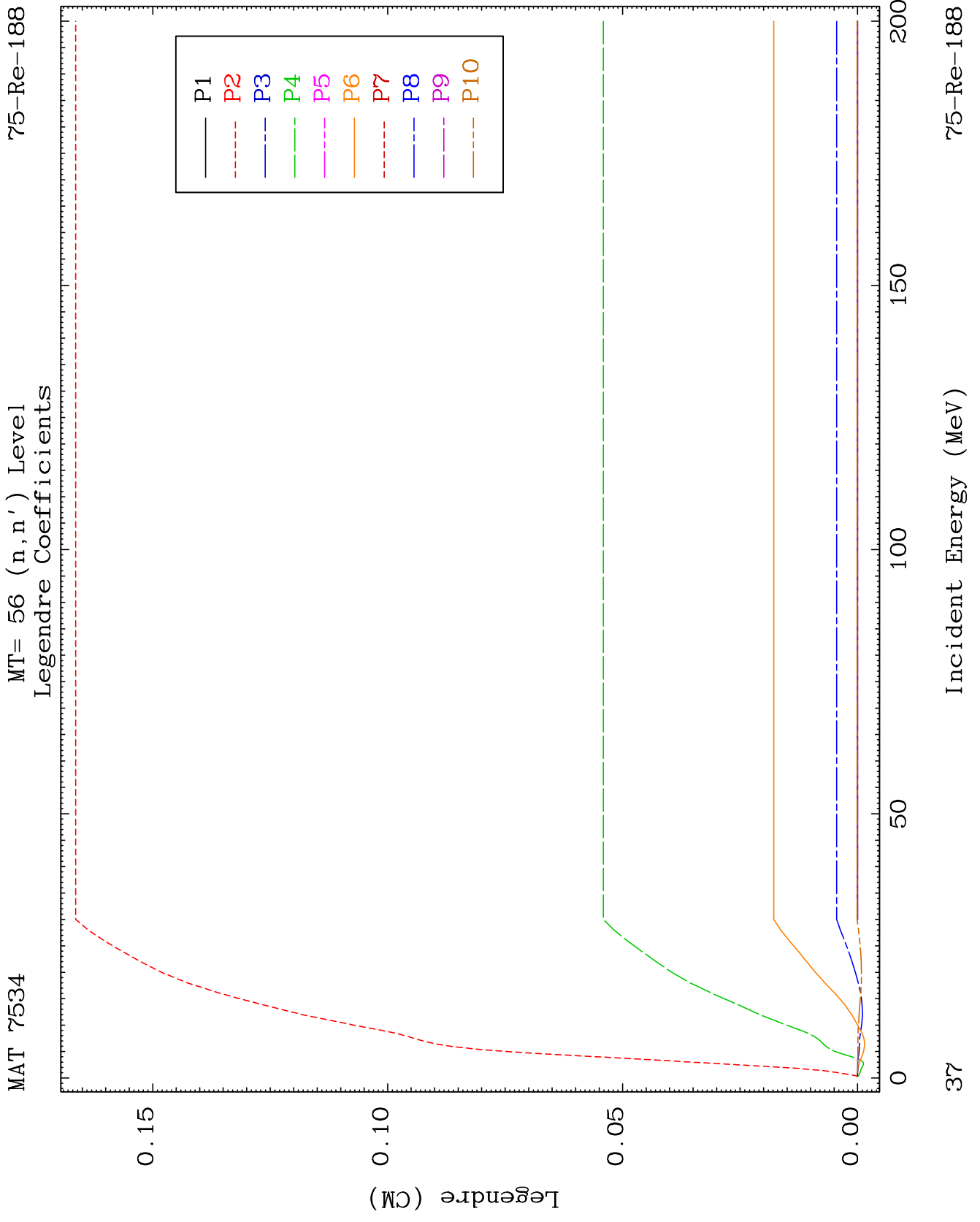


35

Incident Energy (MeV)

75-Re-188

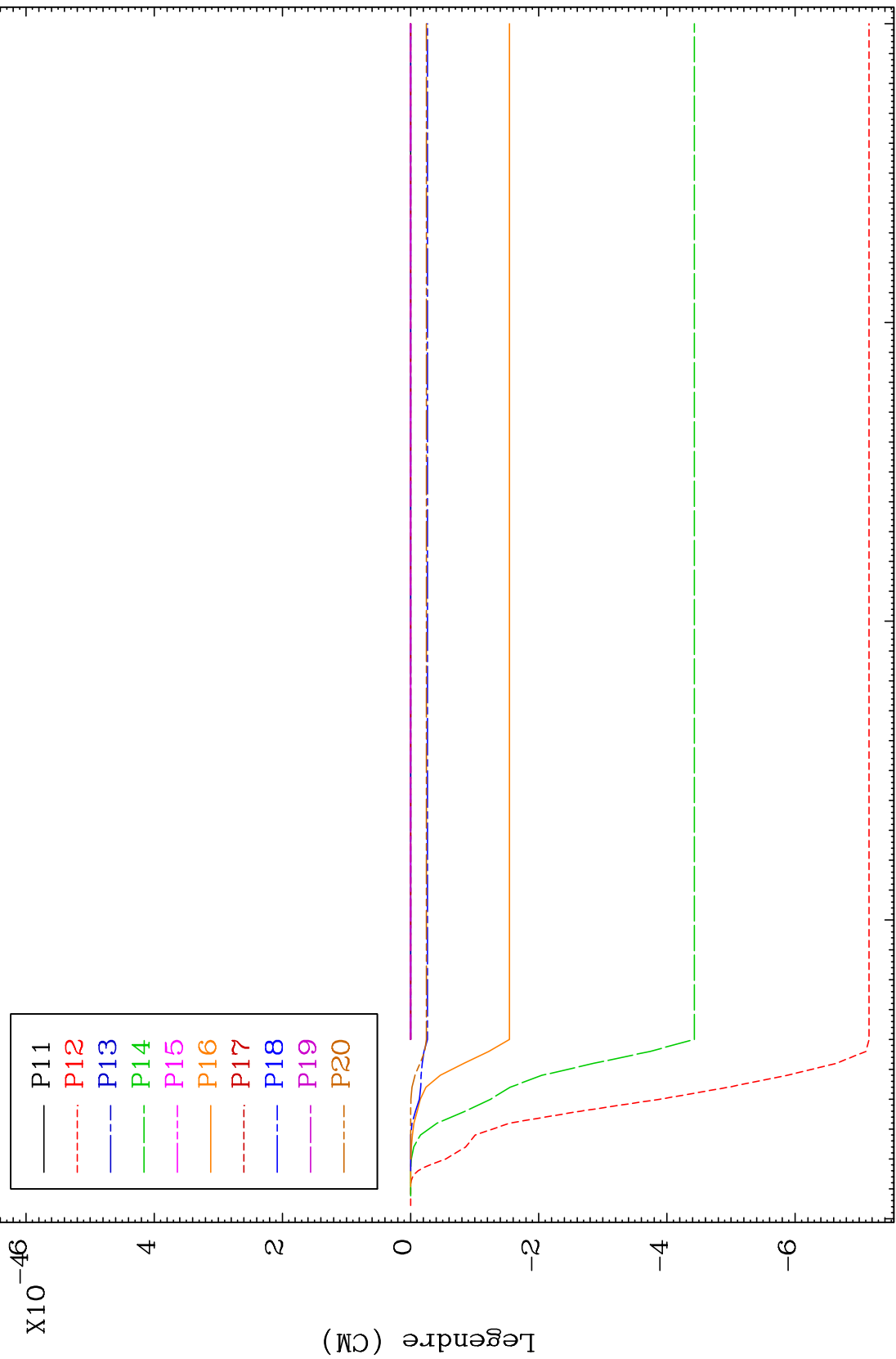
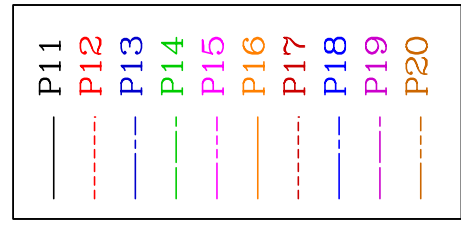




MAT 7534

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

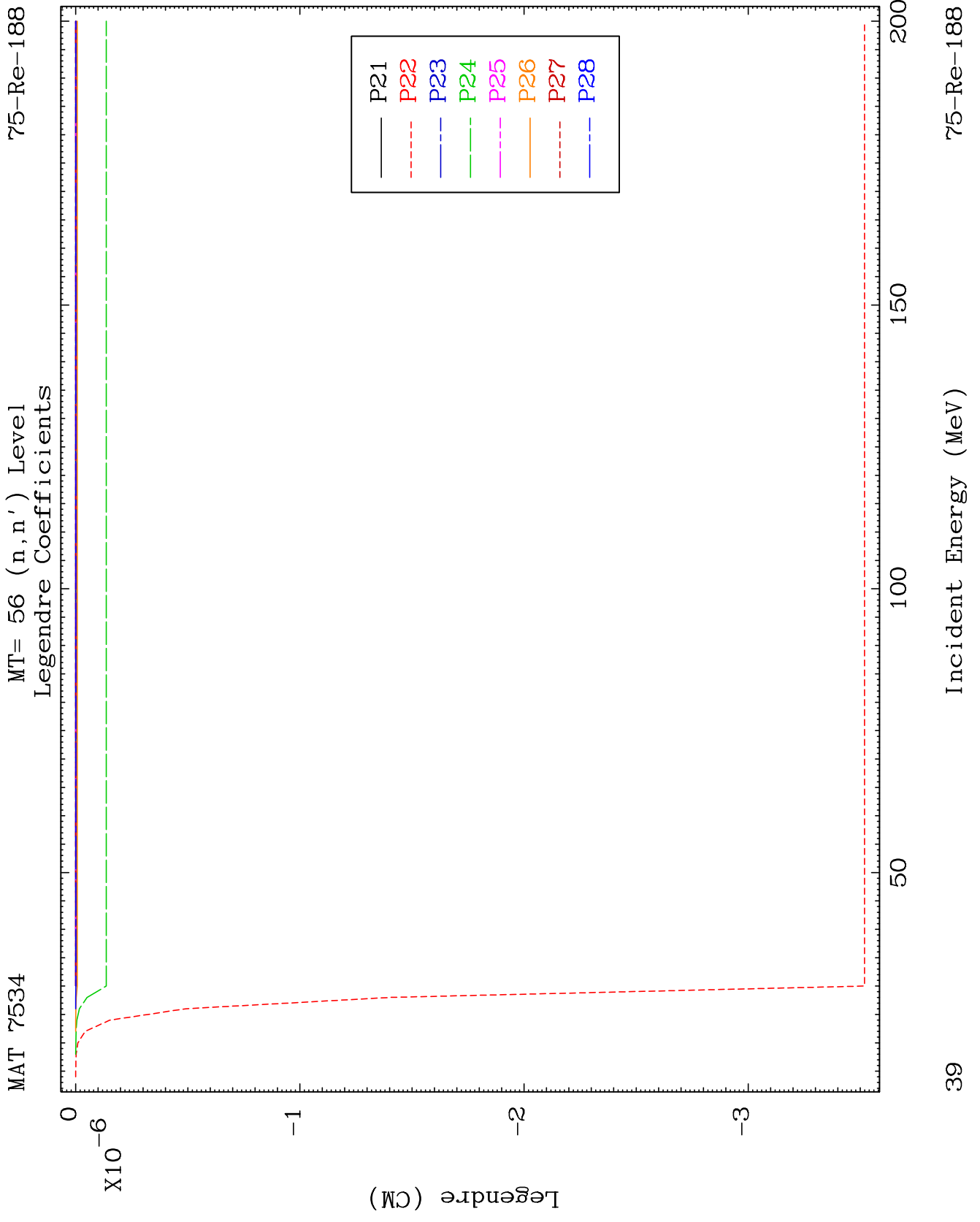
75-Re-188

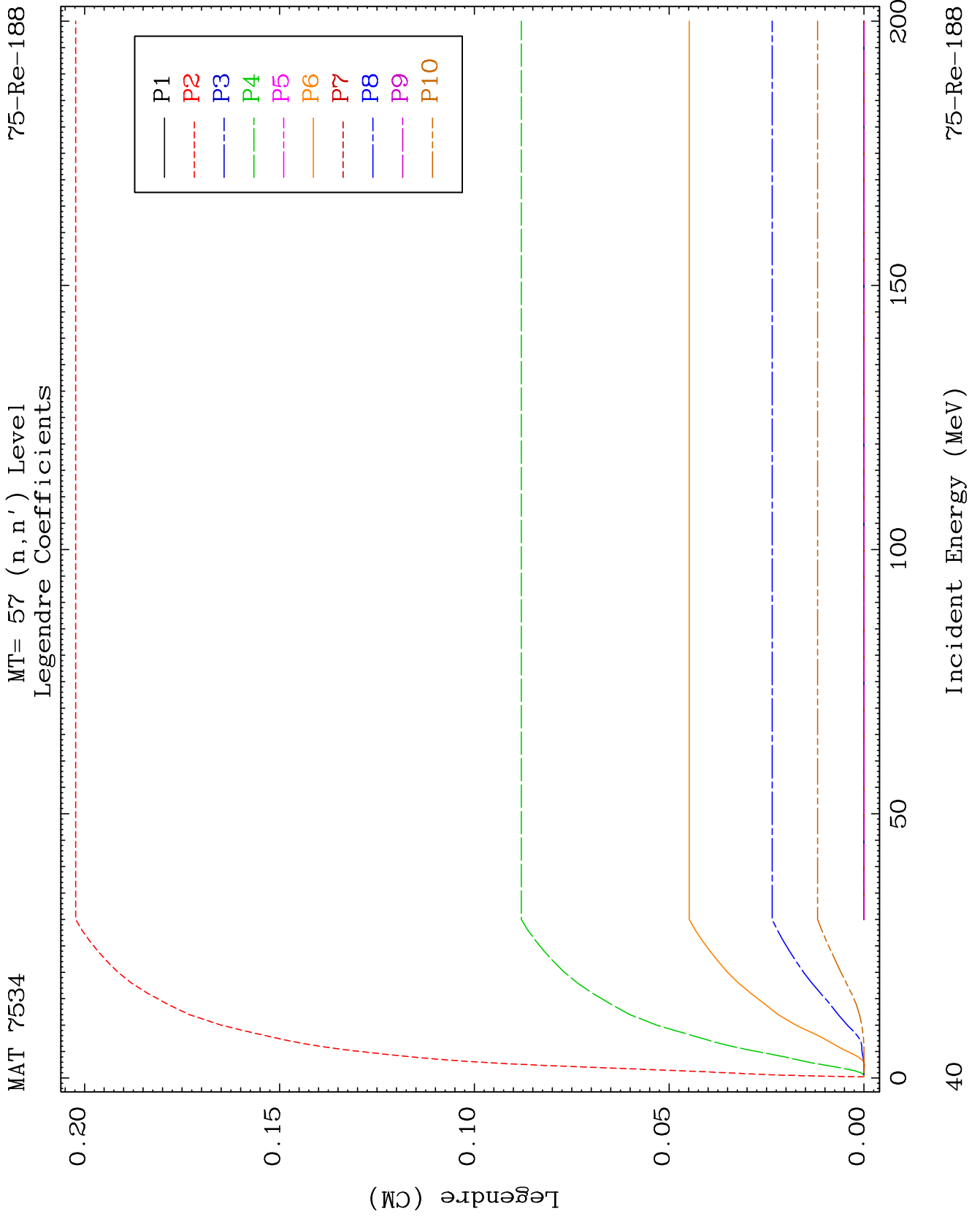


38

Incident Energy (MeV)

75-Re-188

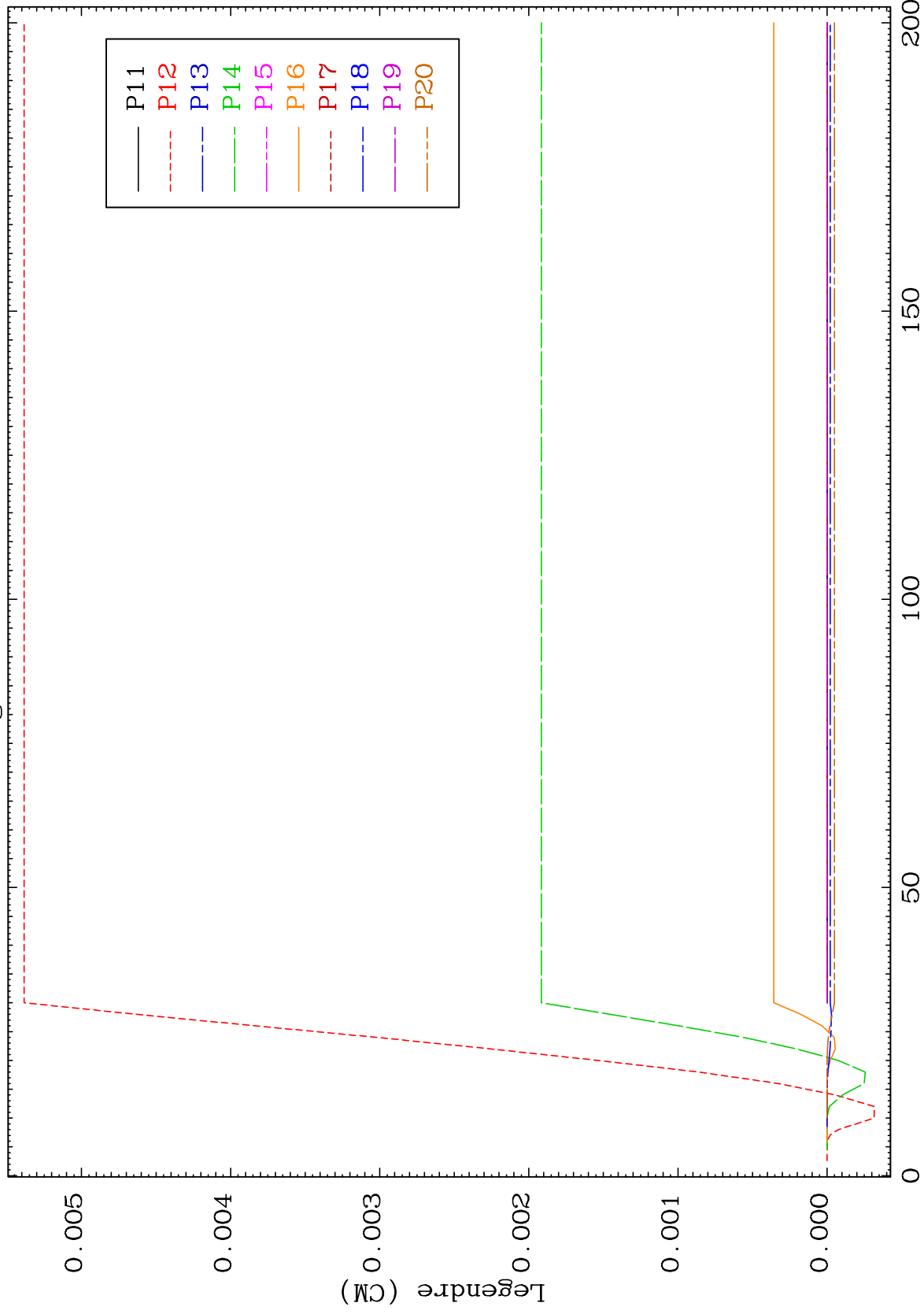




MAT 7534

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

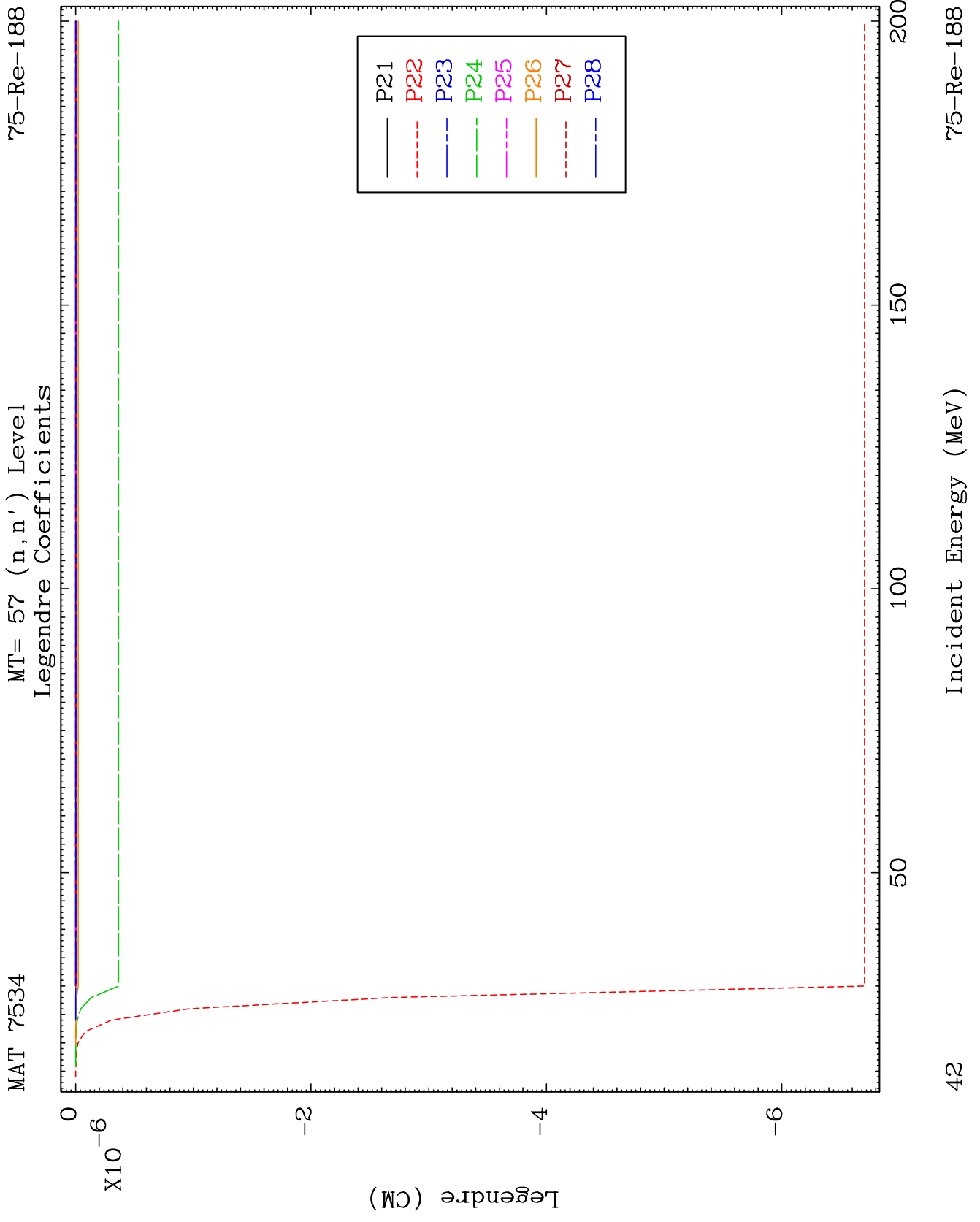
75-Re-188

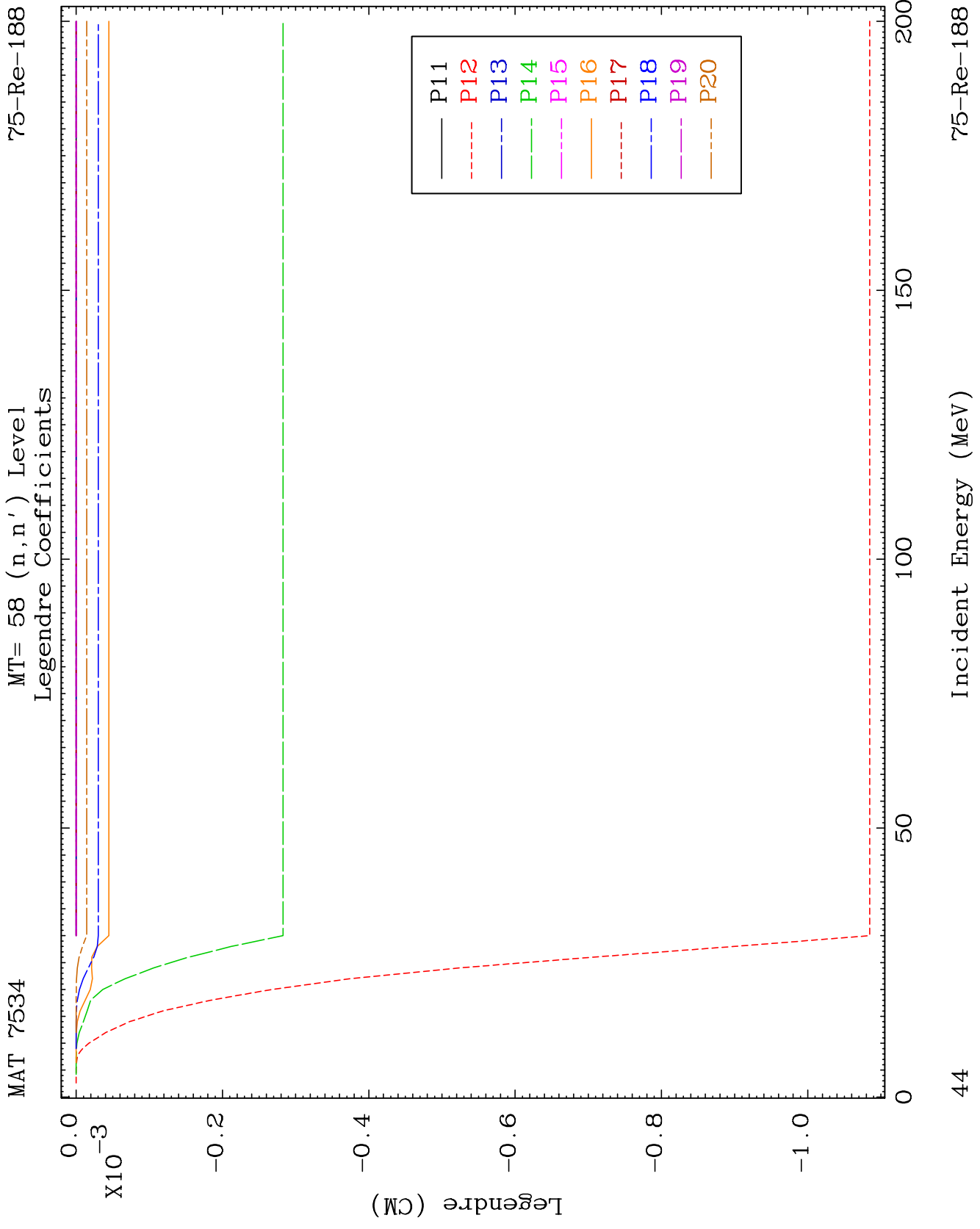


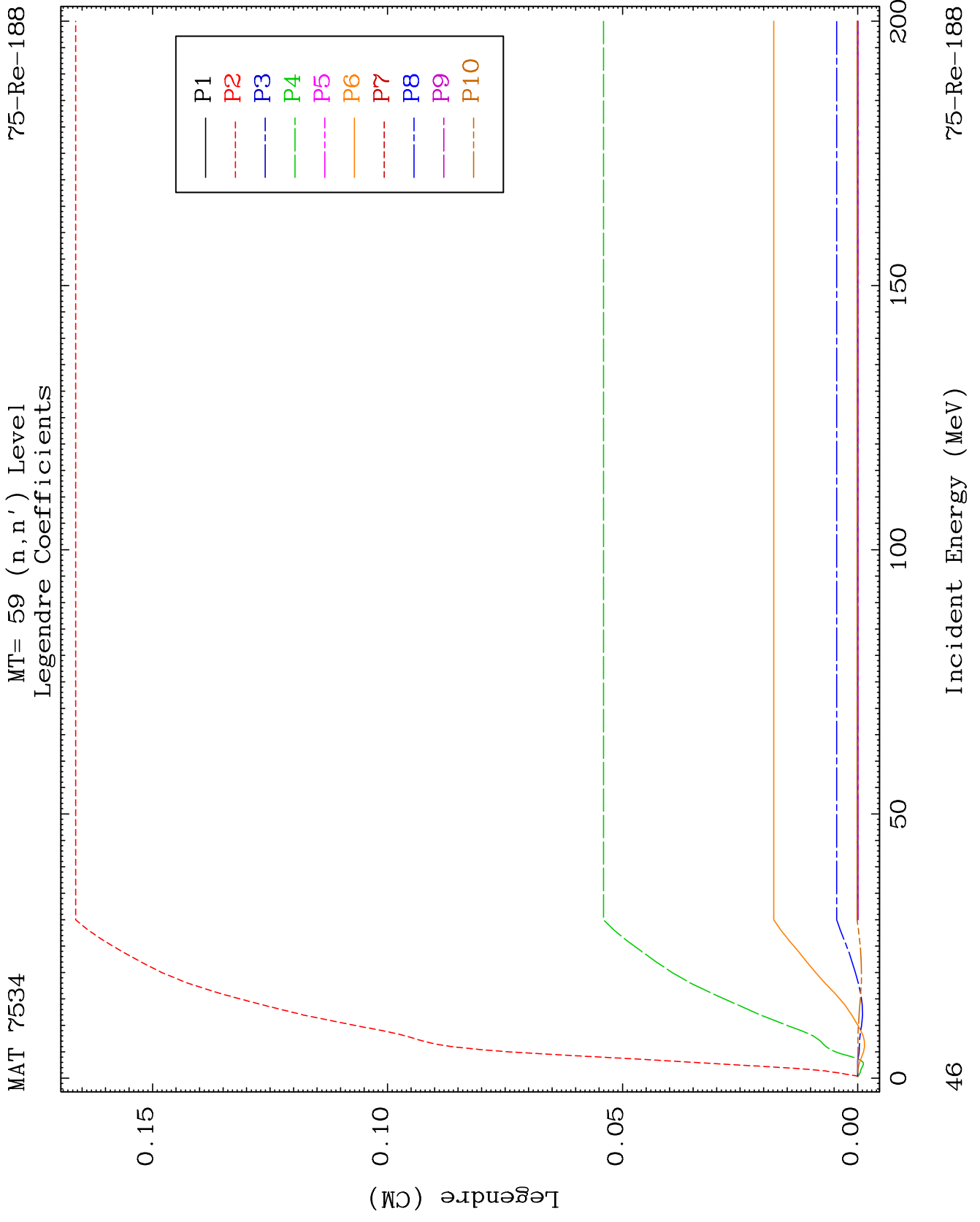
41

Incident Energy (MeV)

75-Re-188



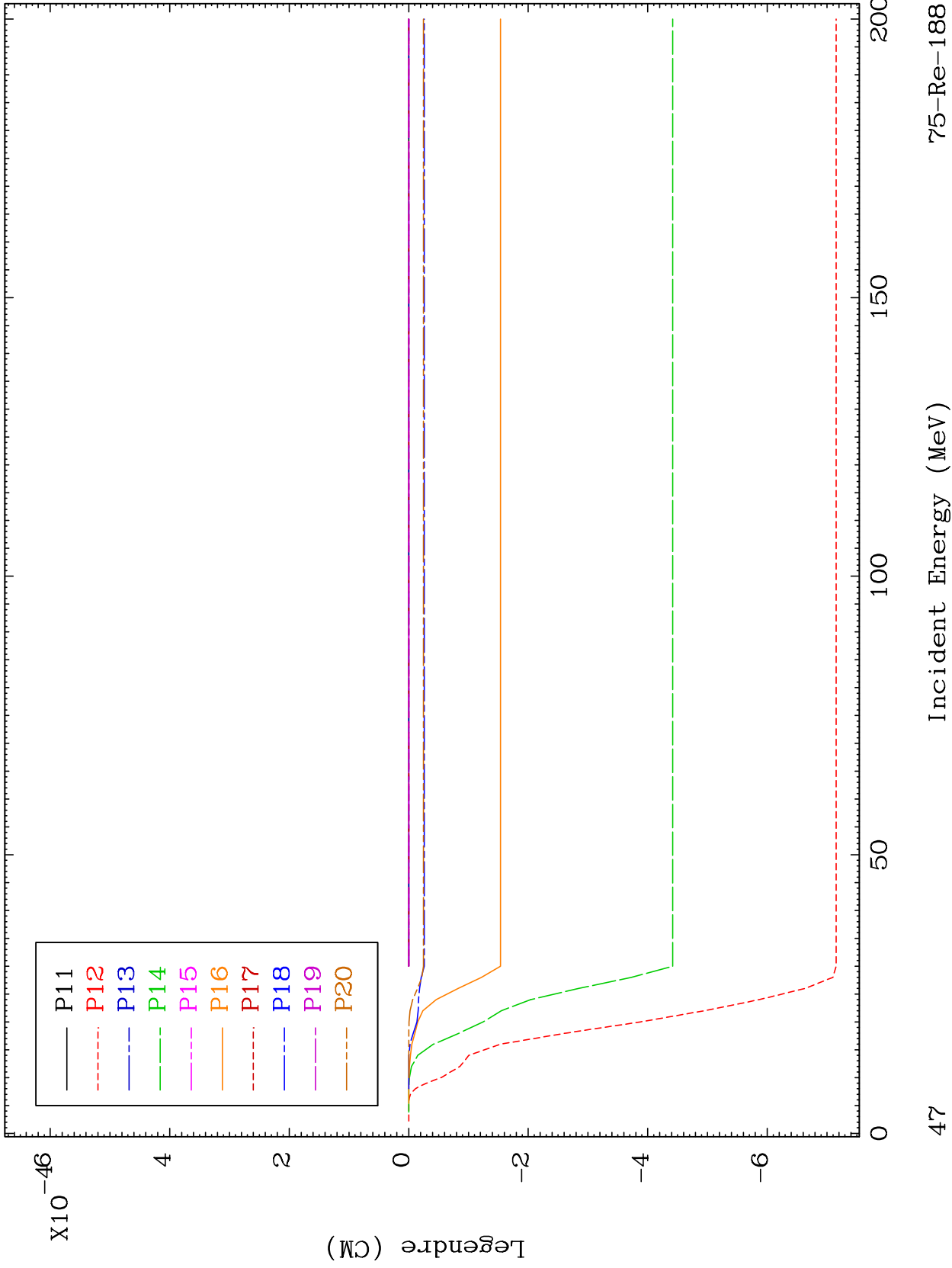


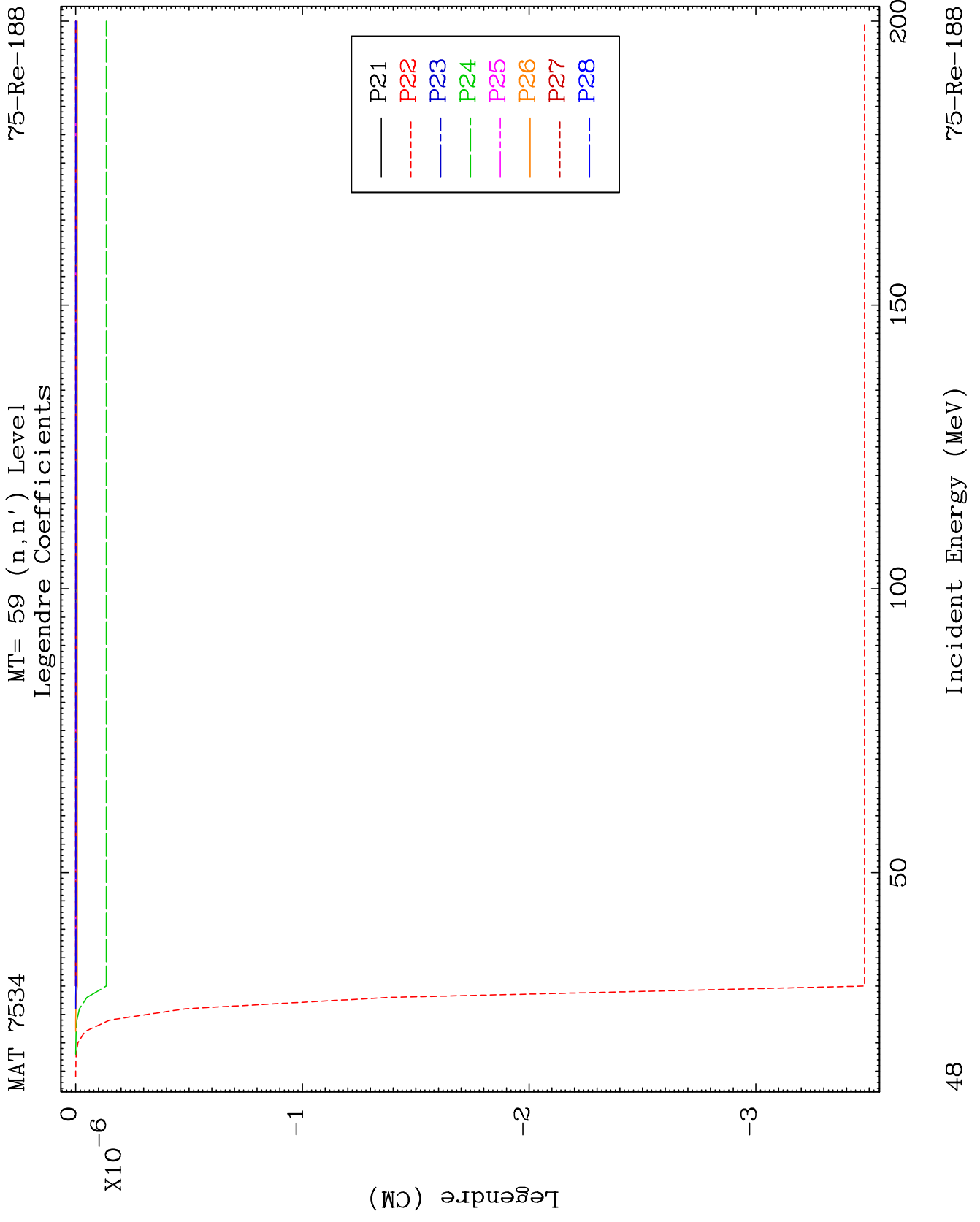


MAT 7534

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

75-Re-188

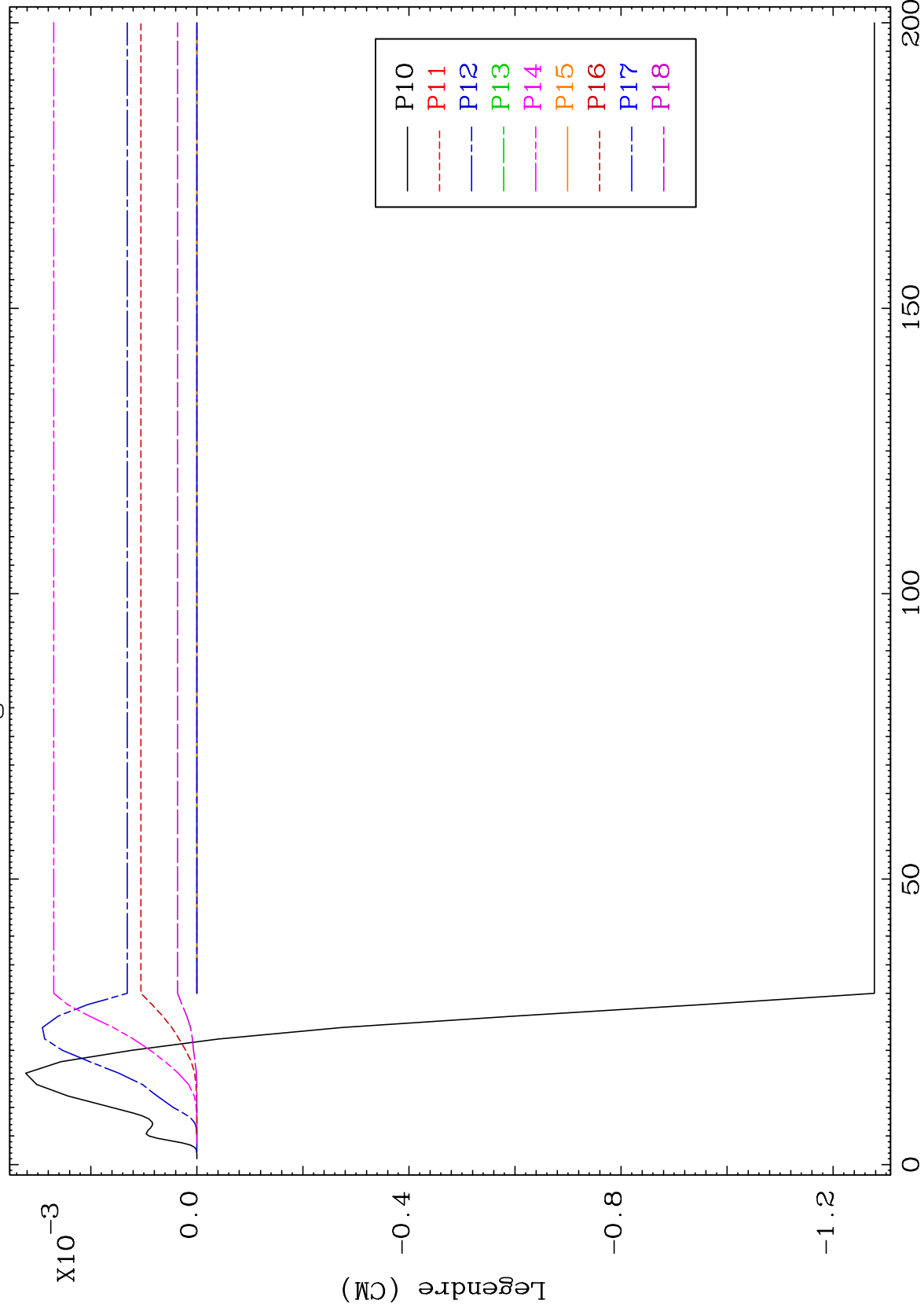




MAT 7534

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

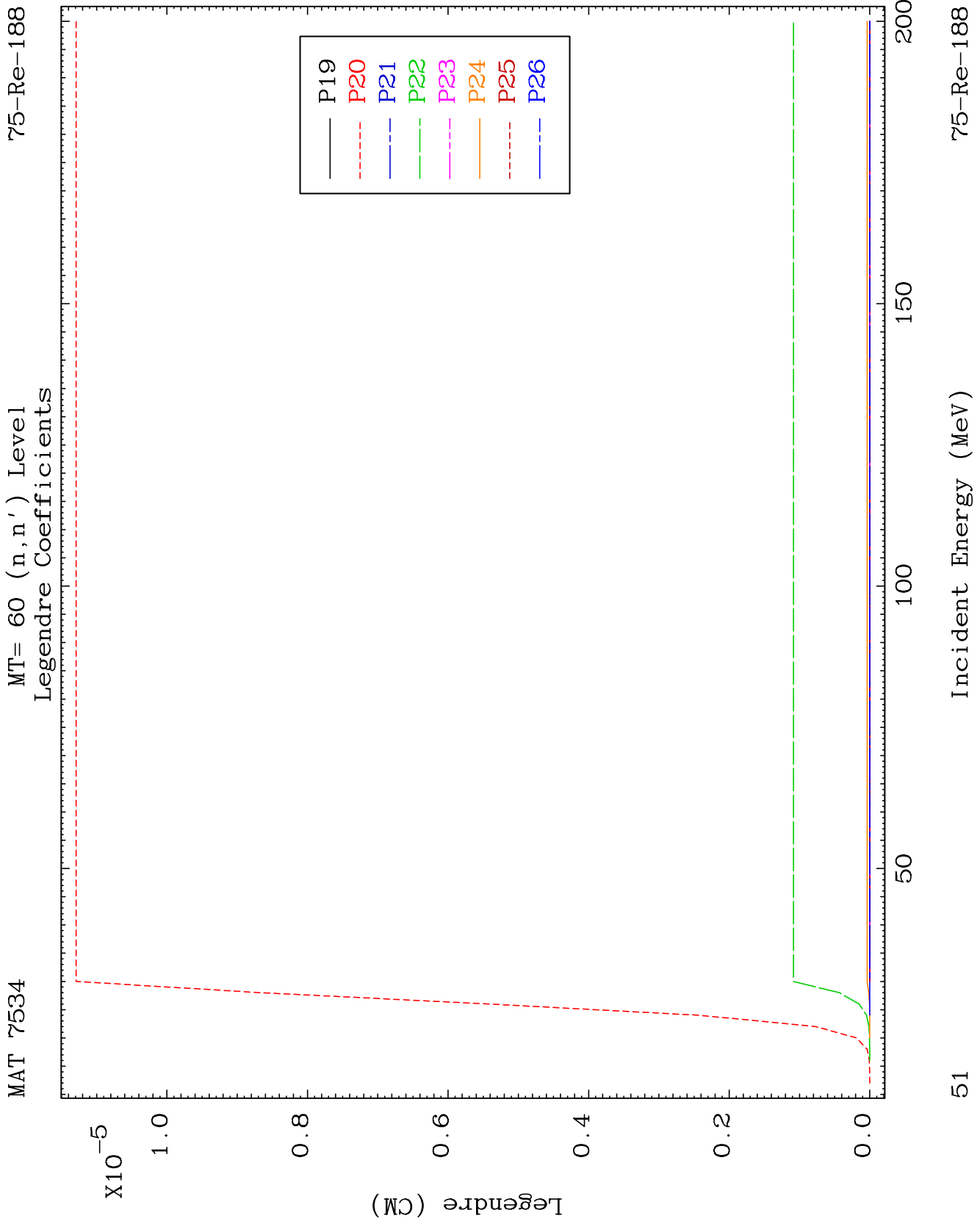
75-Re-188



75-Re-188

Incident Energy (MeV)

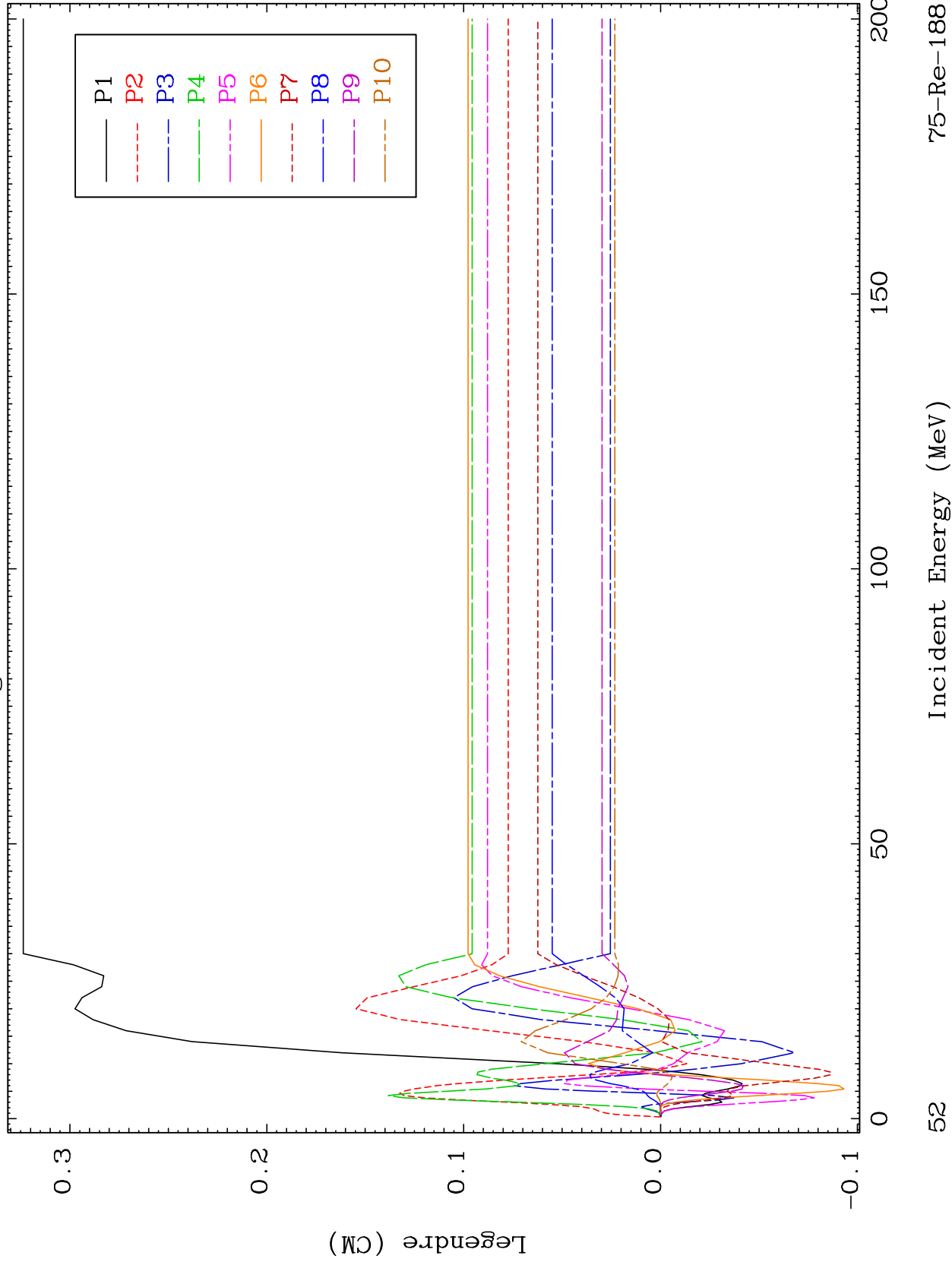
50



MAT 7534

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

75-Re-188



75-Re-188

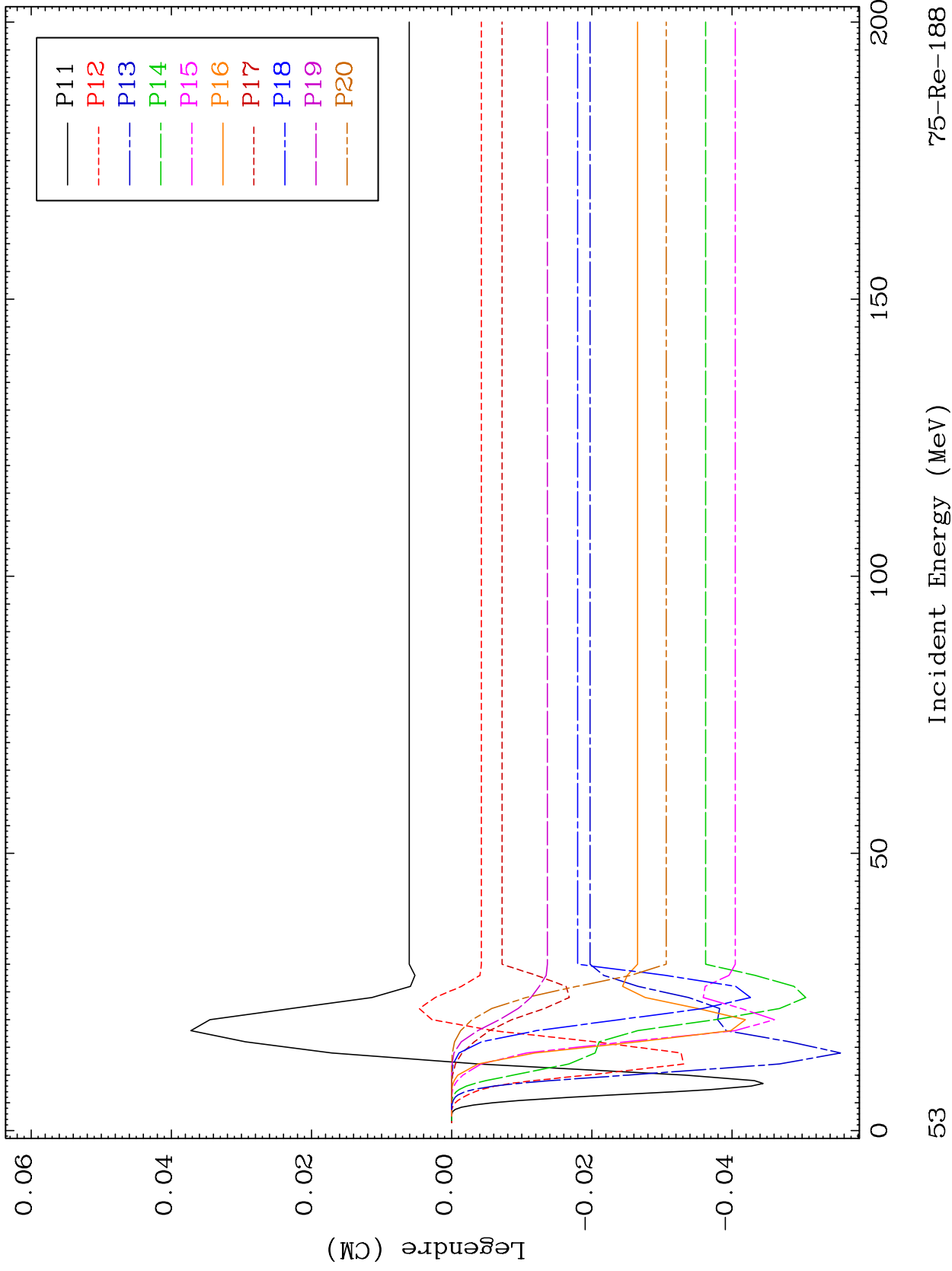
Incident Energy (MeV)

52

MAT 7534

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

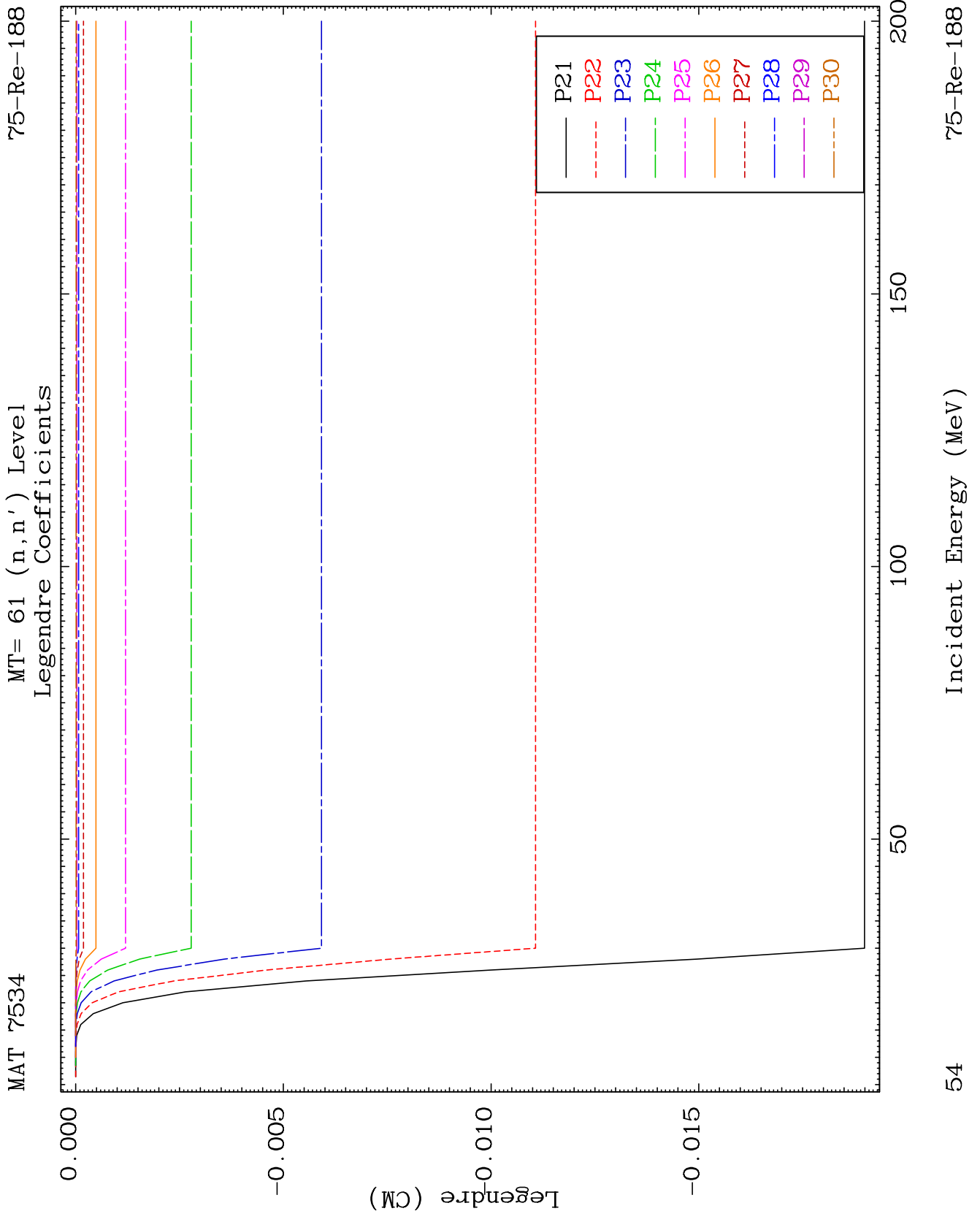
75-Re-188

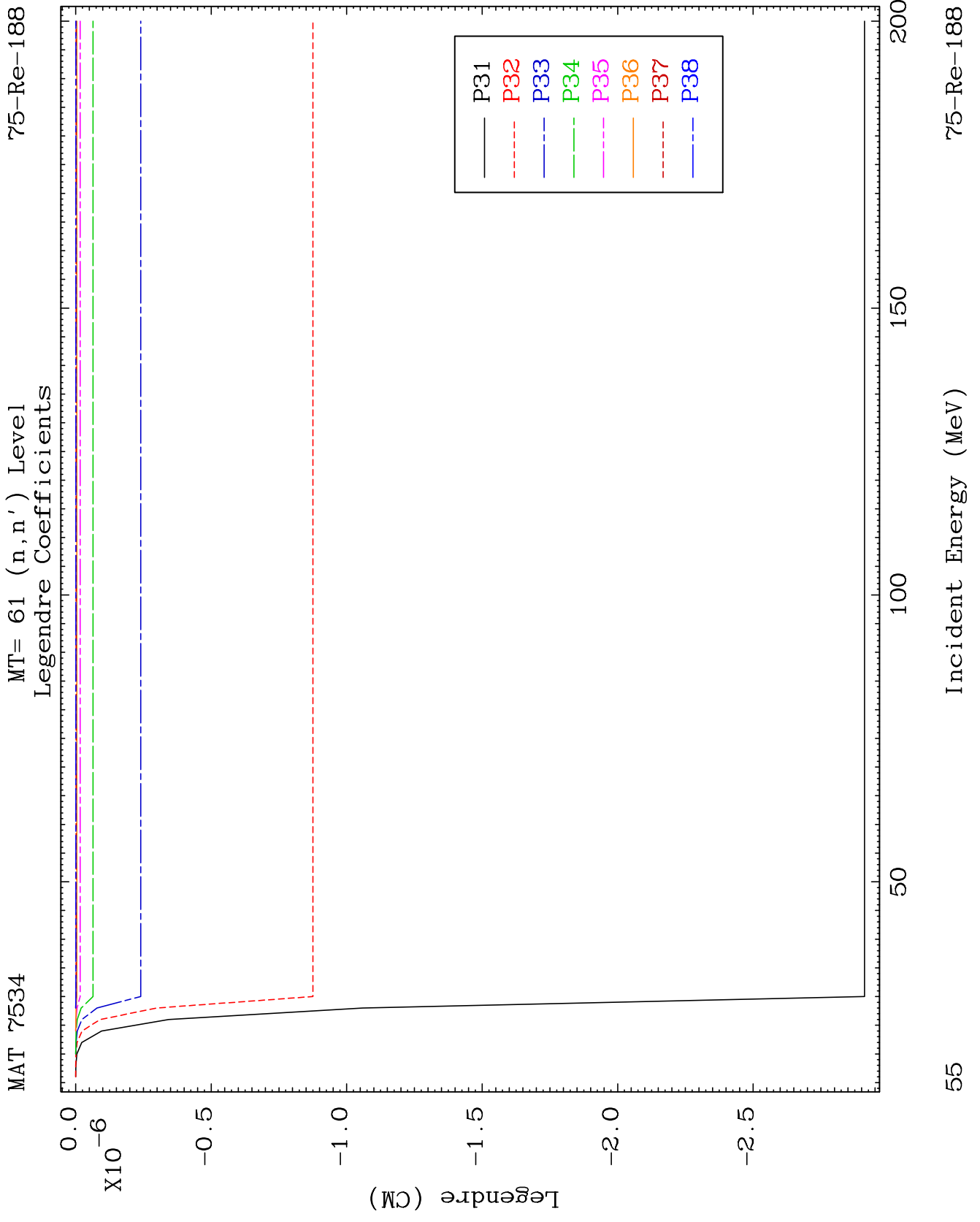


53

Incident Energy (MeV)

75-Re-188

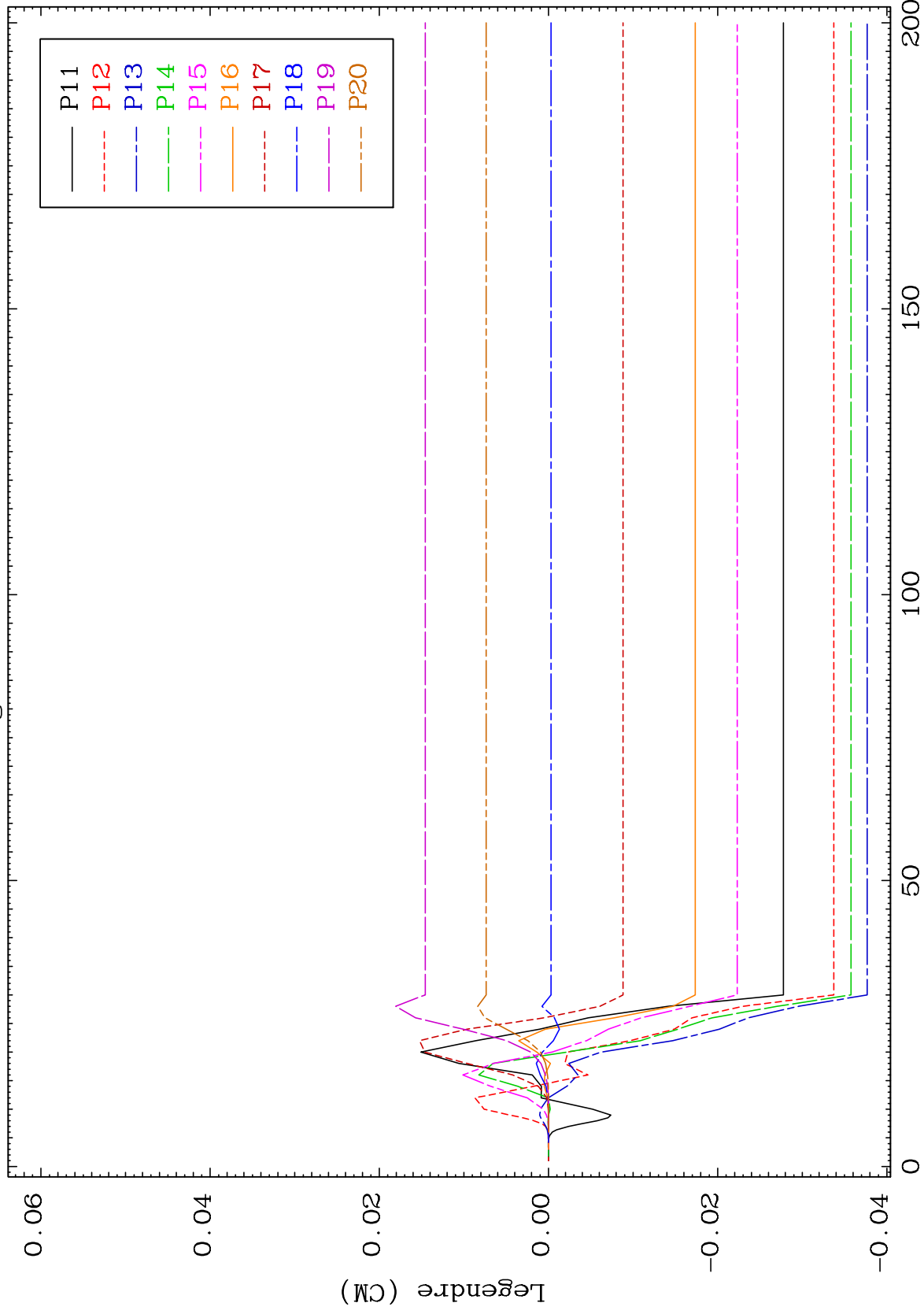




MAT 7534

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

75-Re-188



57

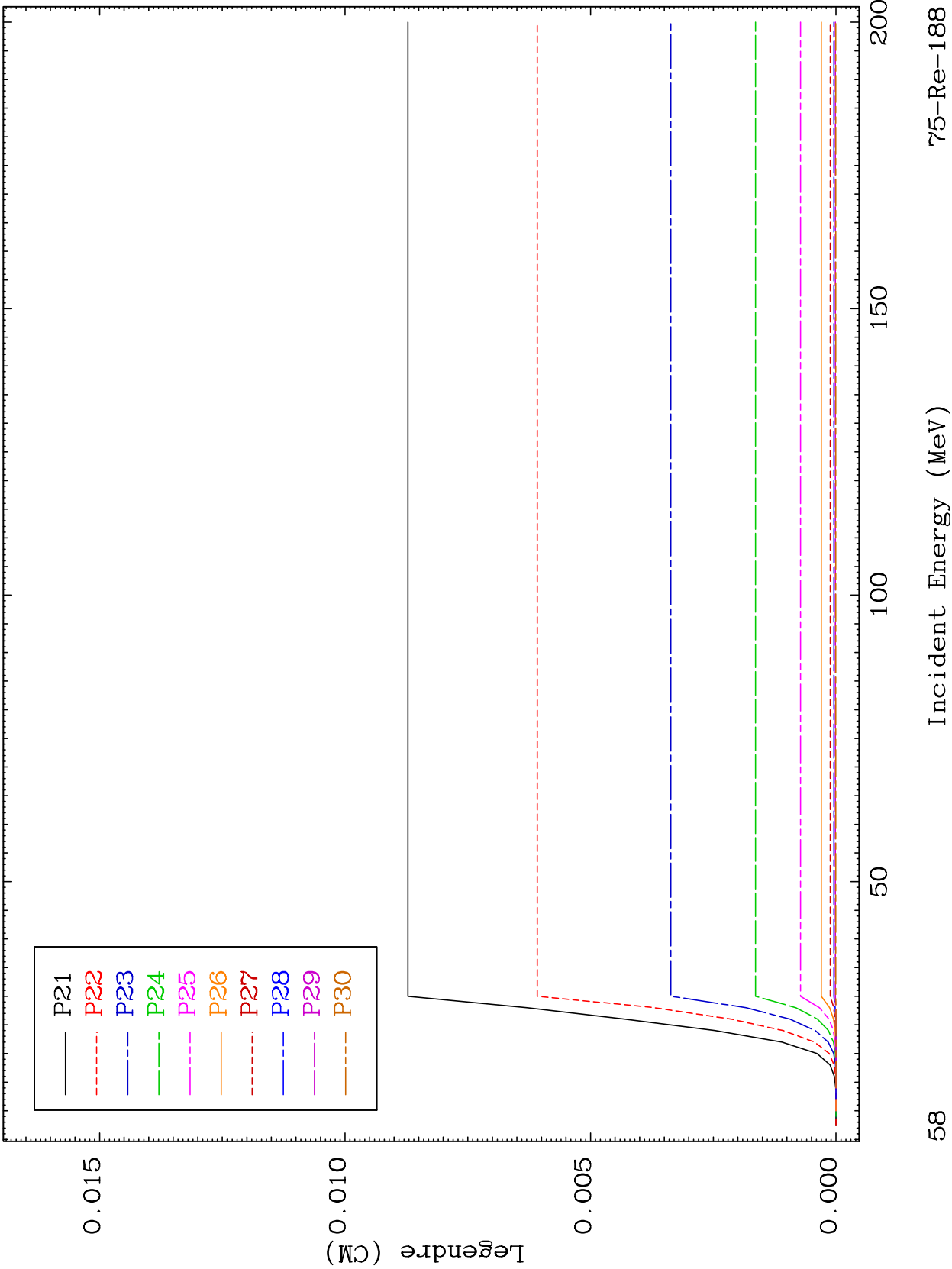
Incident Energy (MeV)

75-Re-188

MAT 7534

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

75-Re-188



58

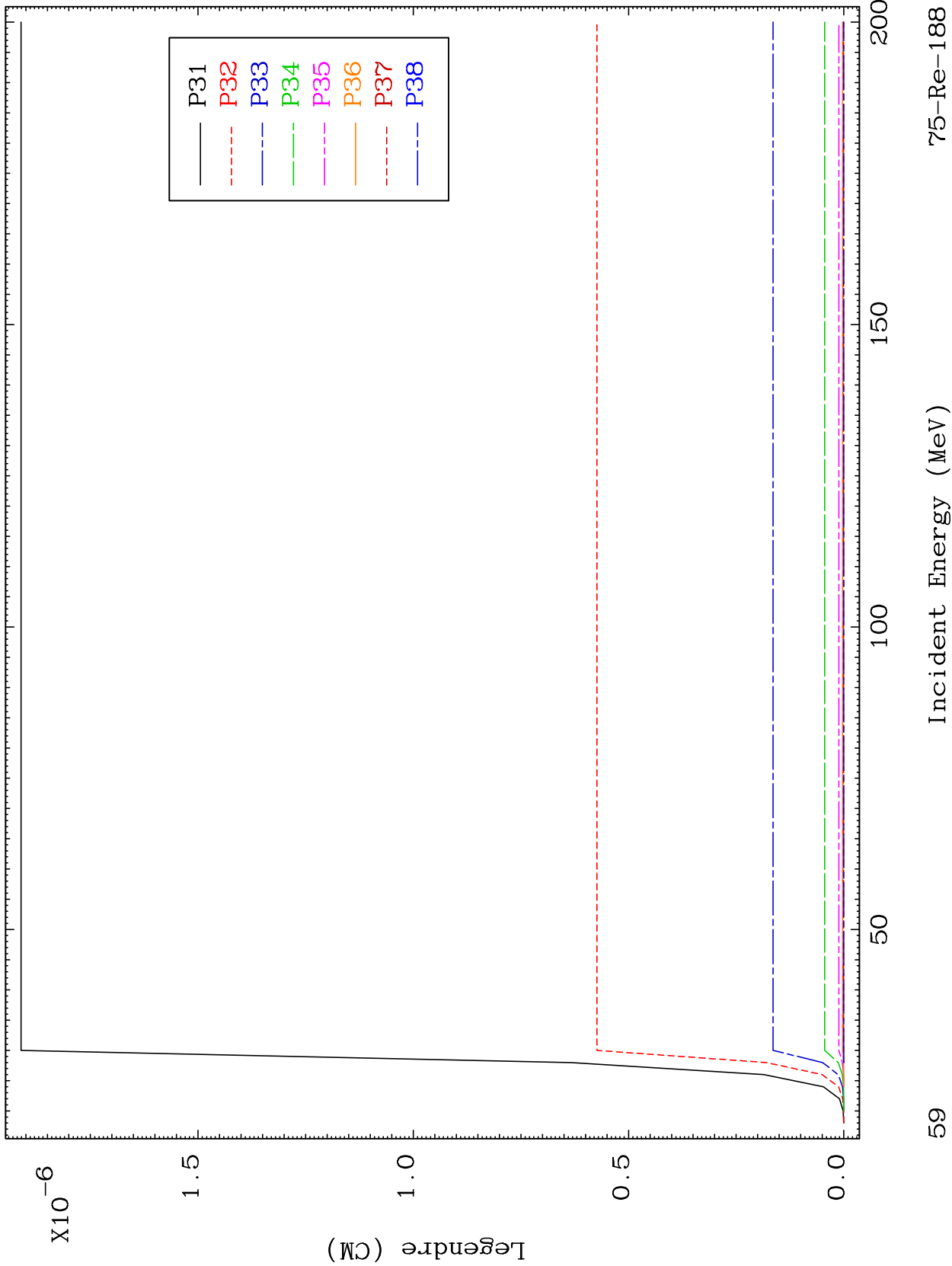
Incident Energy (MeV)

75-Re-188

MAT 7534

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

75-Re-188



59

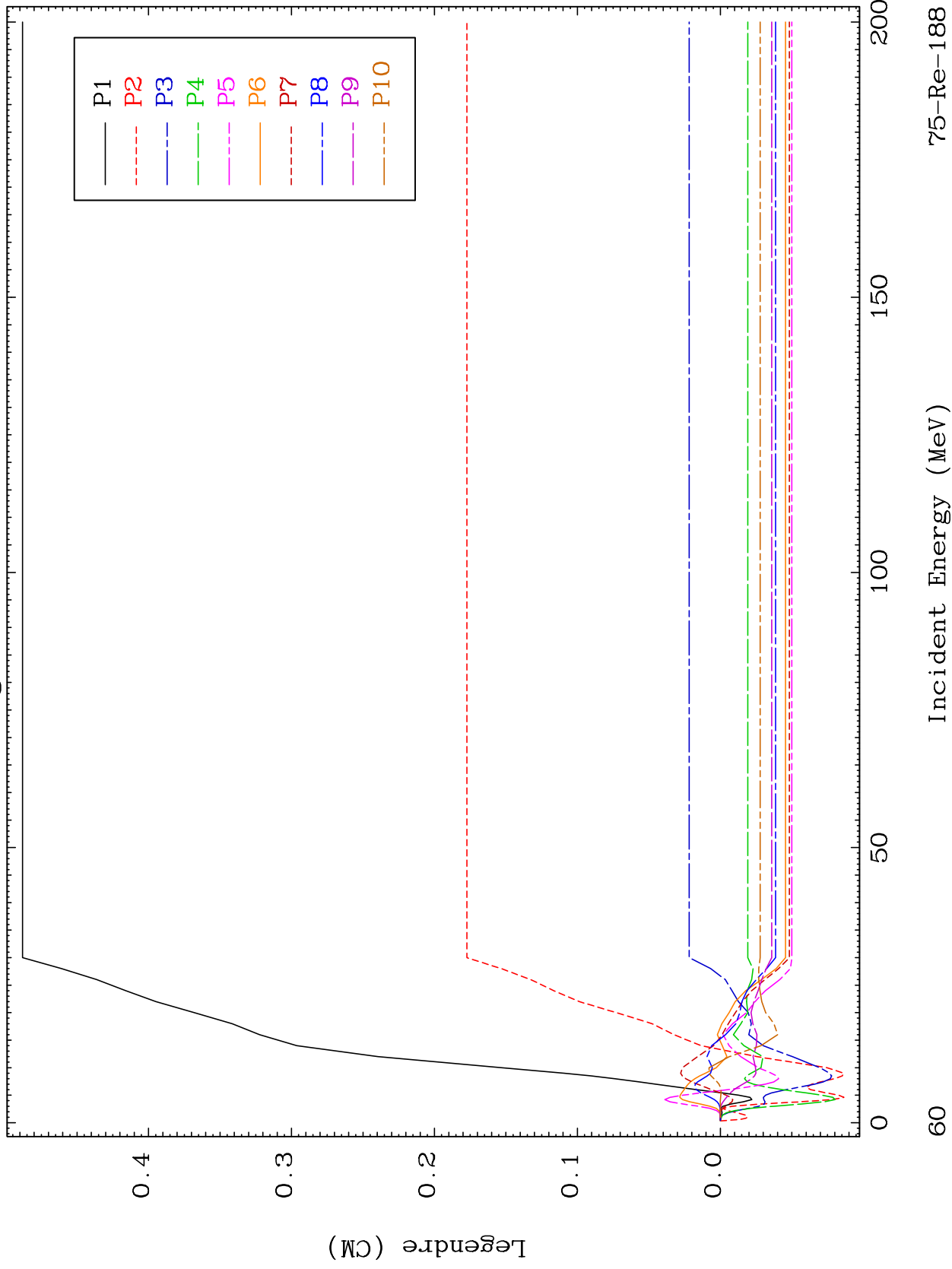
Incident Energy (MeV)

75-Re-188

MAT 7534

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

75-Re-188

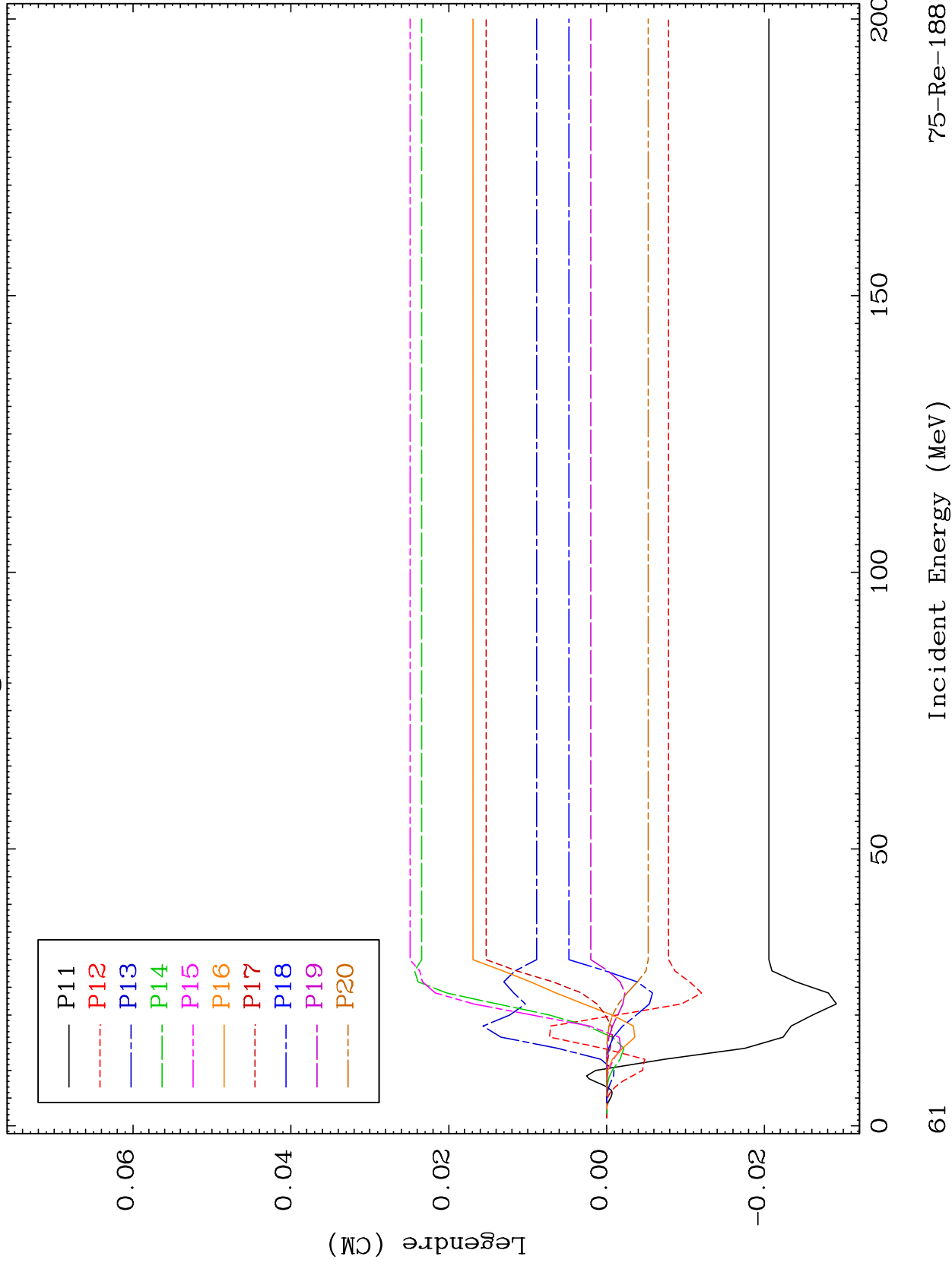


75-Re-188

MAT 7534

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

75-Re-188



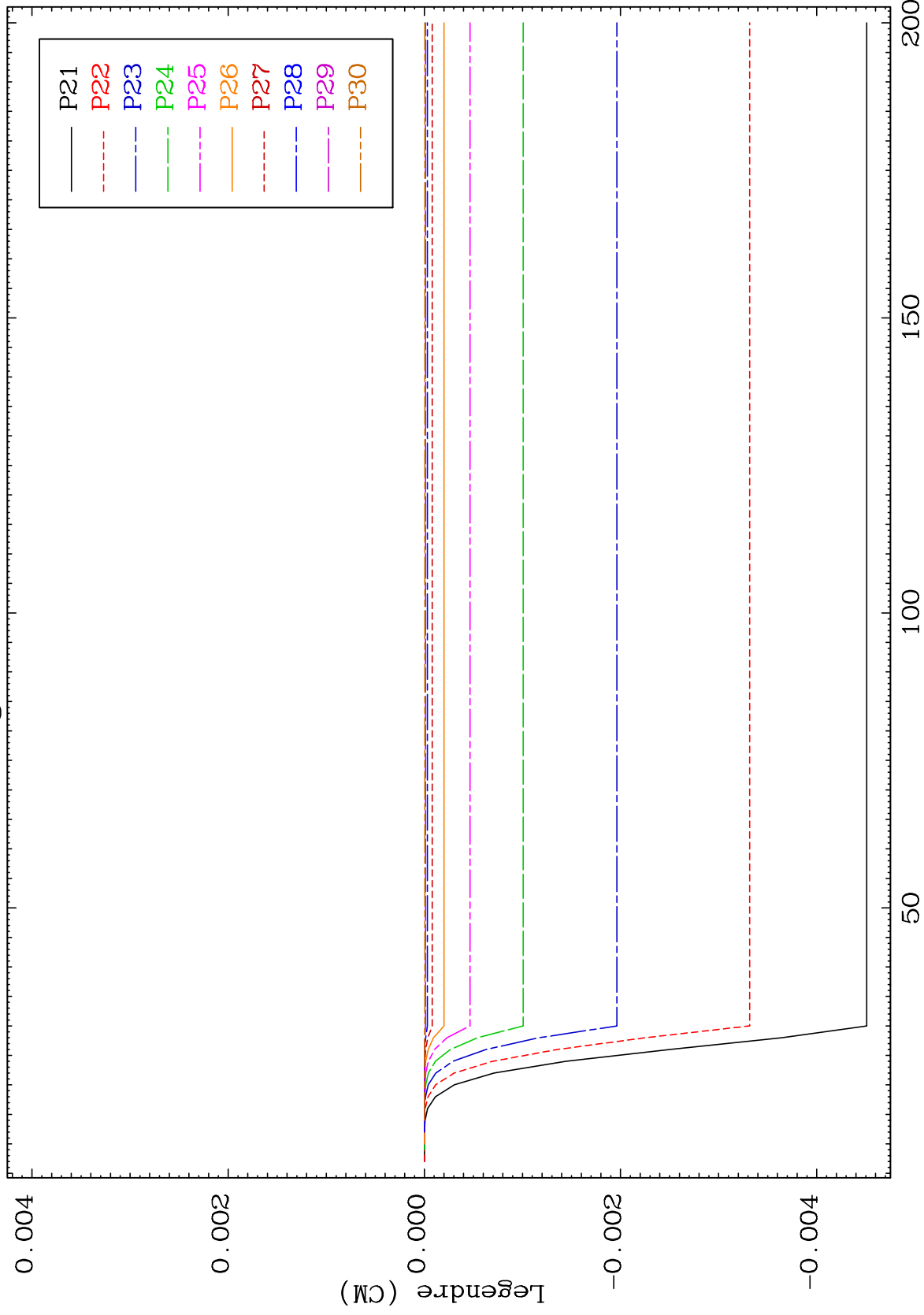
61

75-Re-188

MAT 7534

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

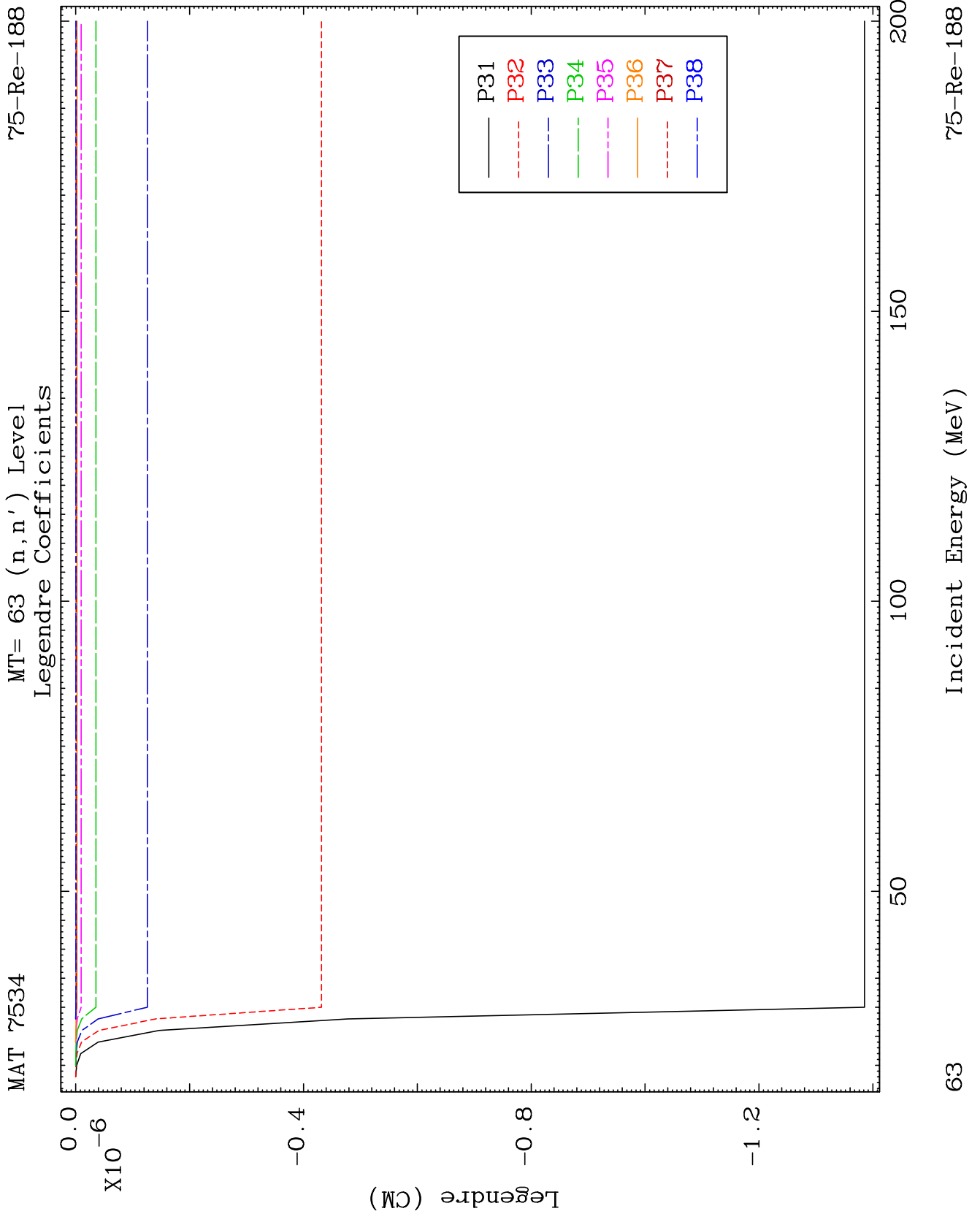
75-Re-188

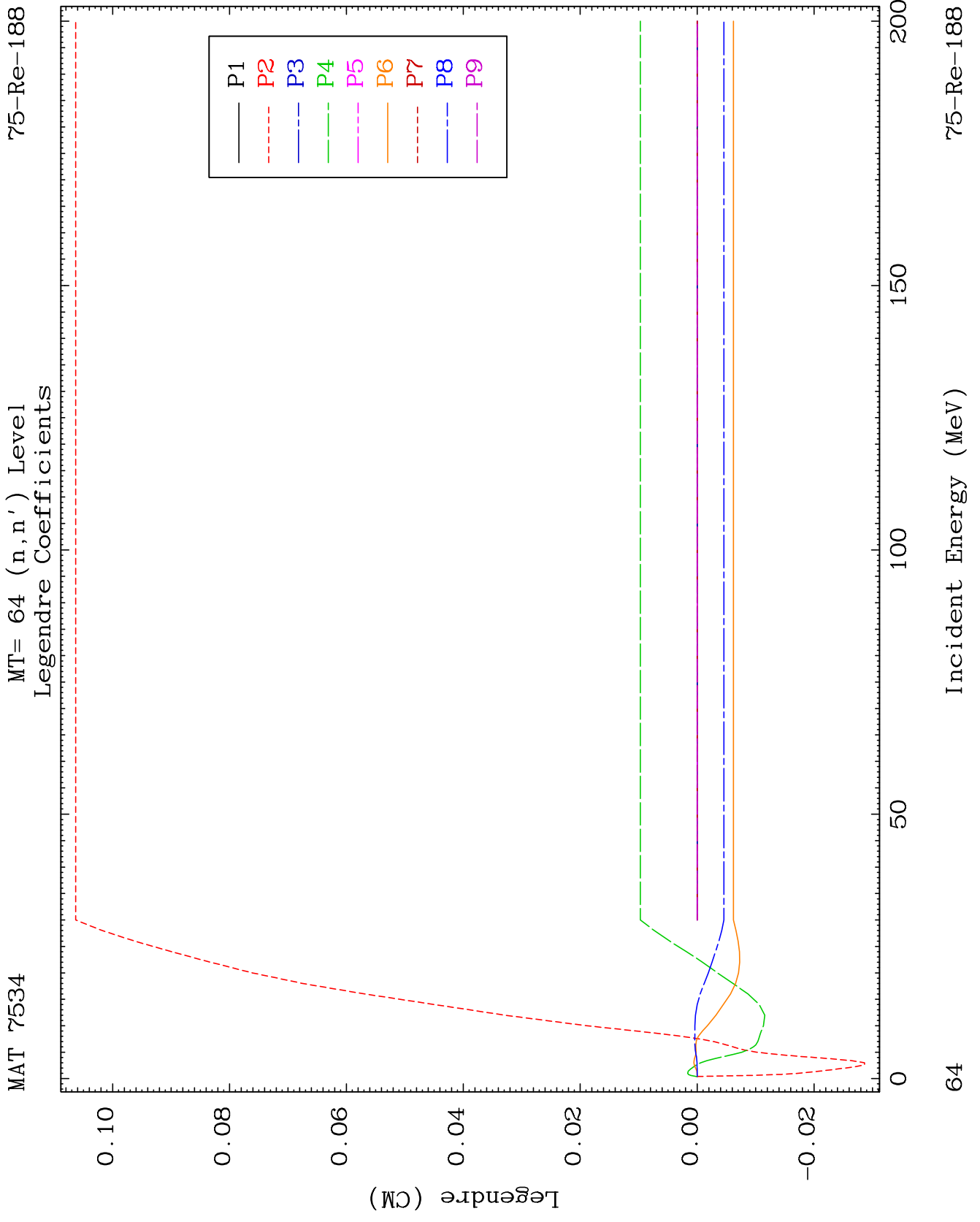


62

Incident Energy (MeV)

75-Re-188



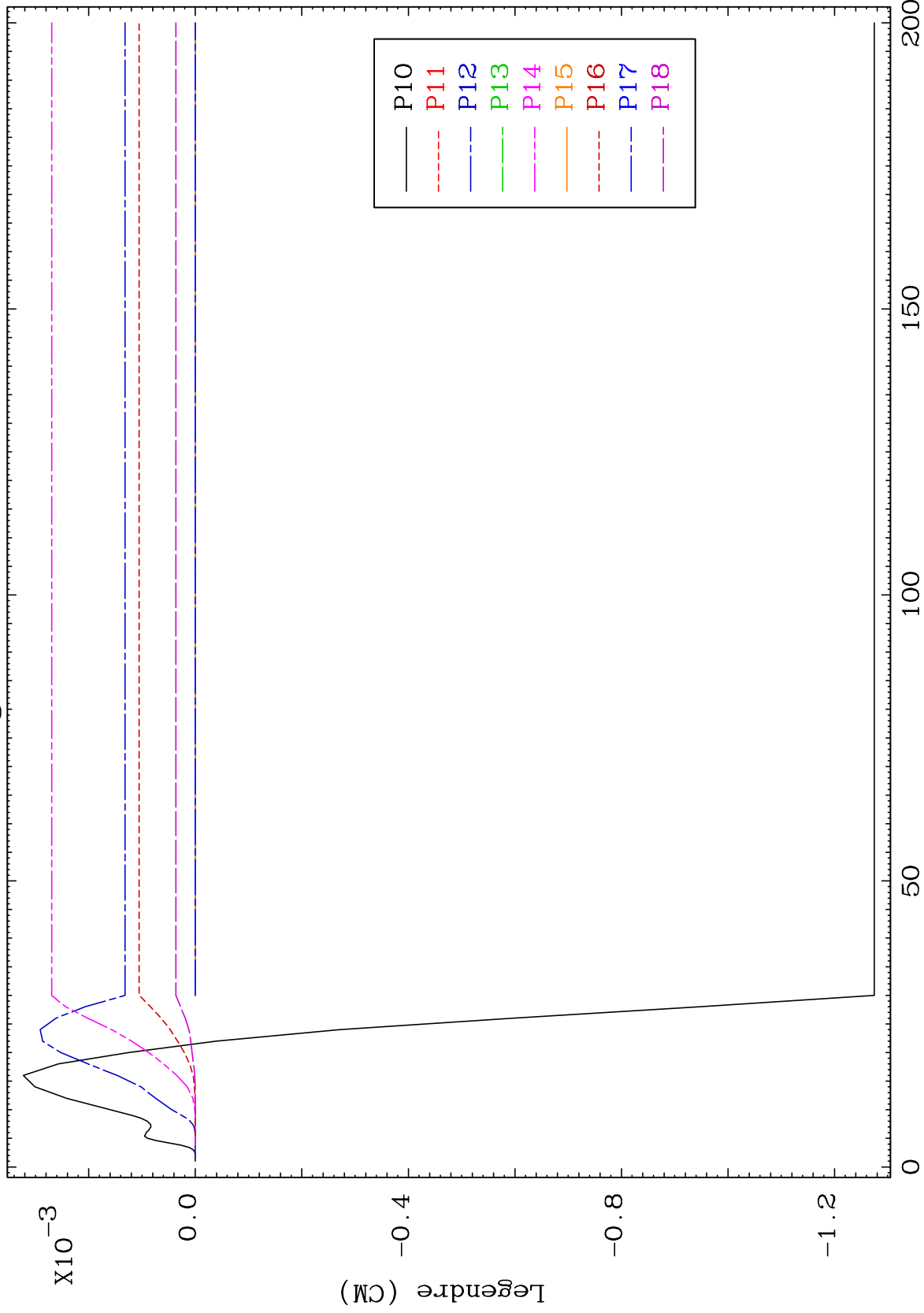


MAT 7534

MT= 64 (n,n') Level

75-Re-188

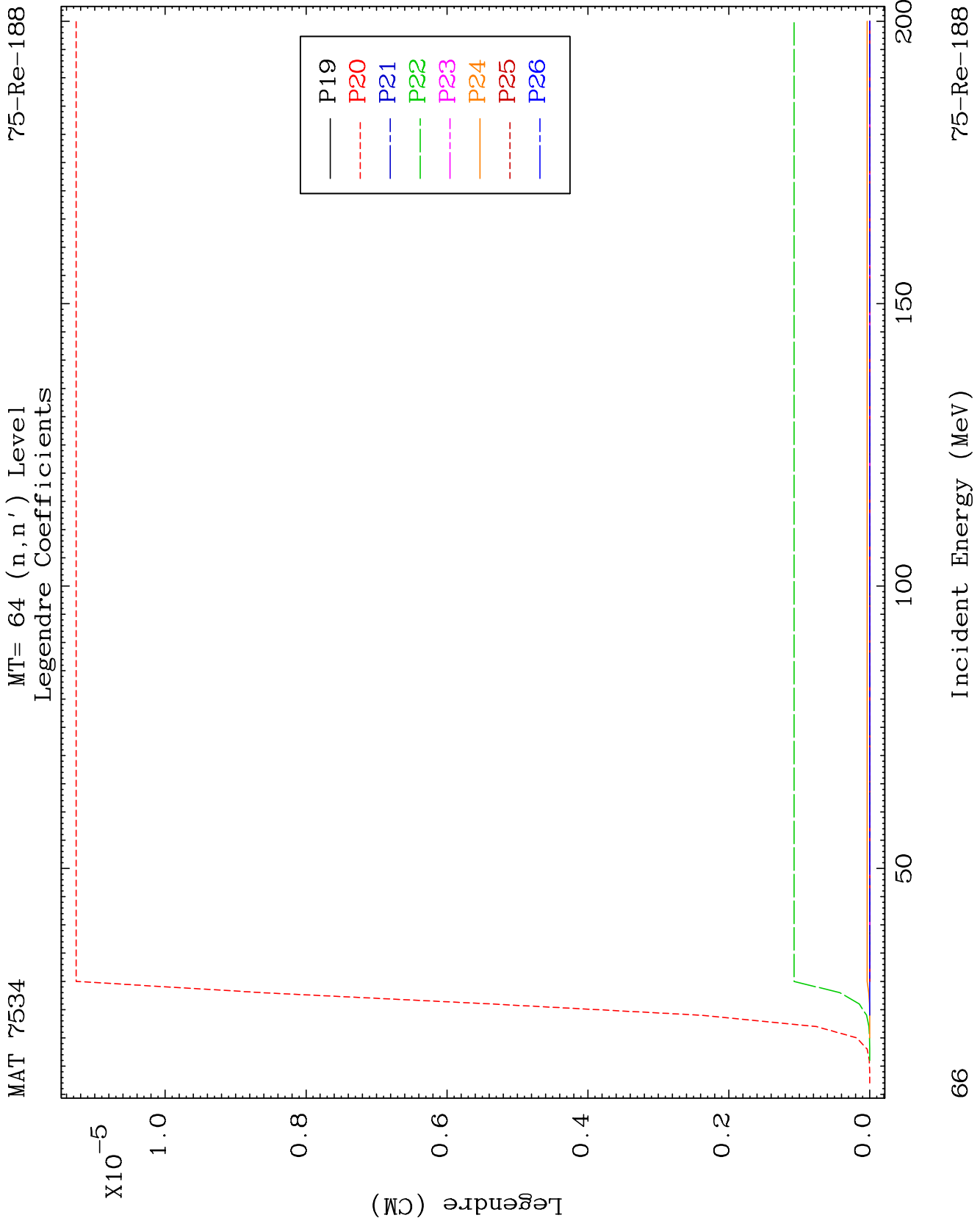
Legendre Coefficients



65

Incident Energy (MeV)

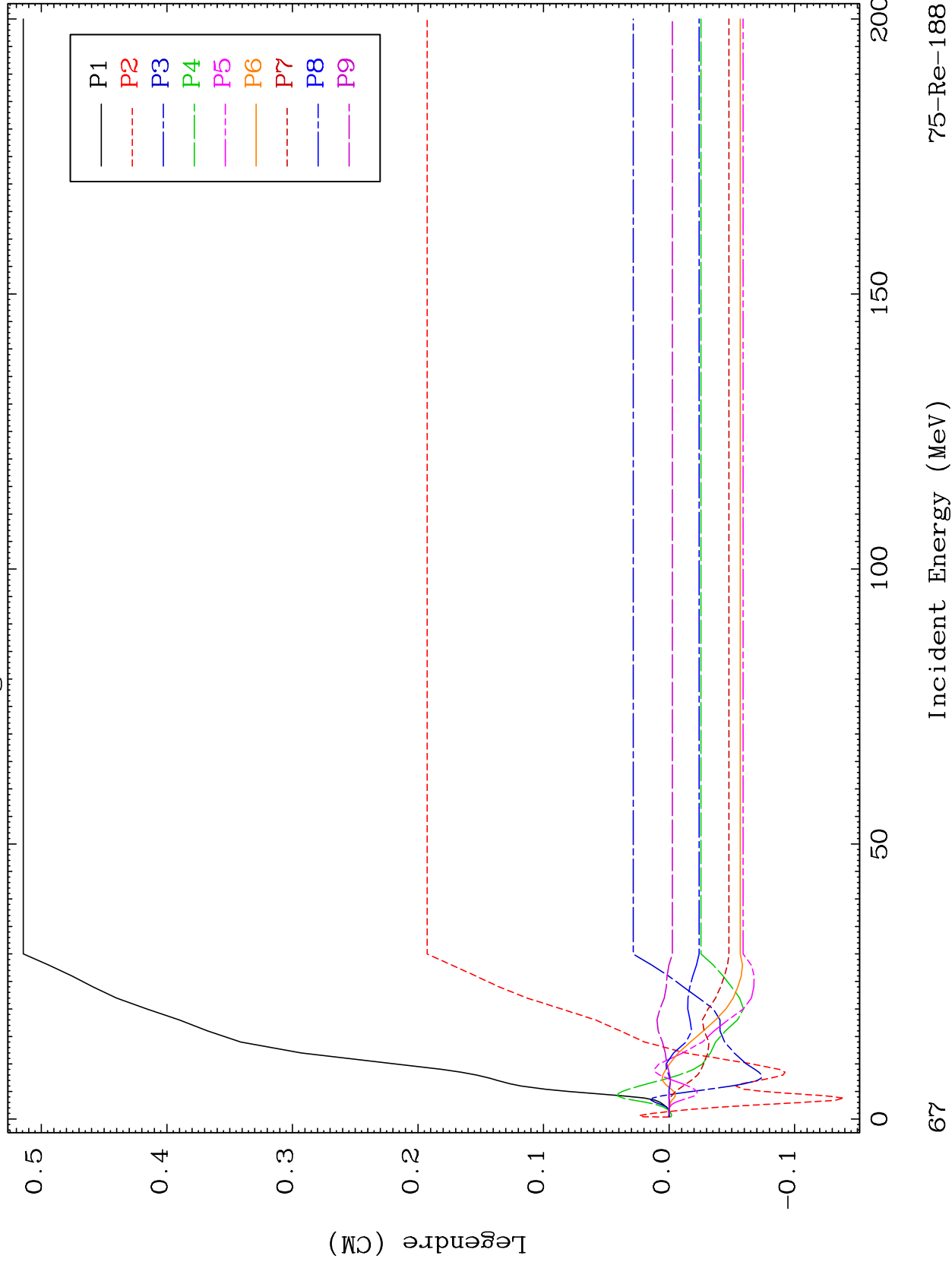
75-Re-188



MAT 7534

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

75-Re-188



75-Re-188

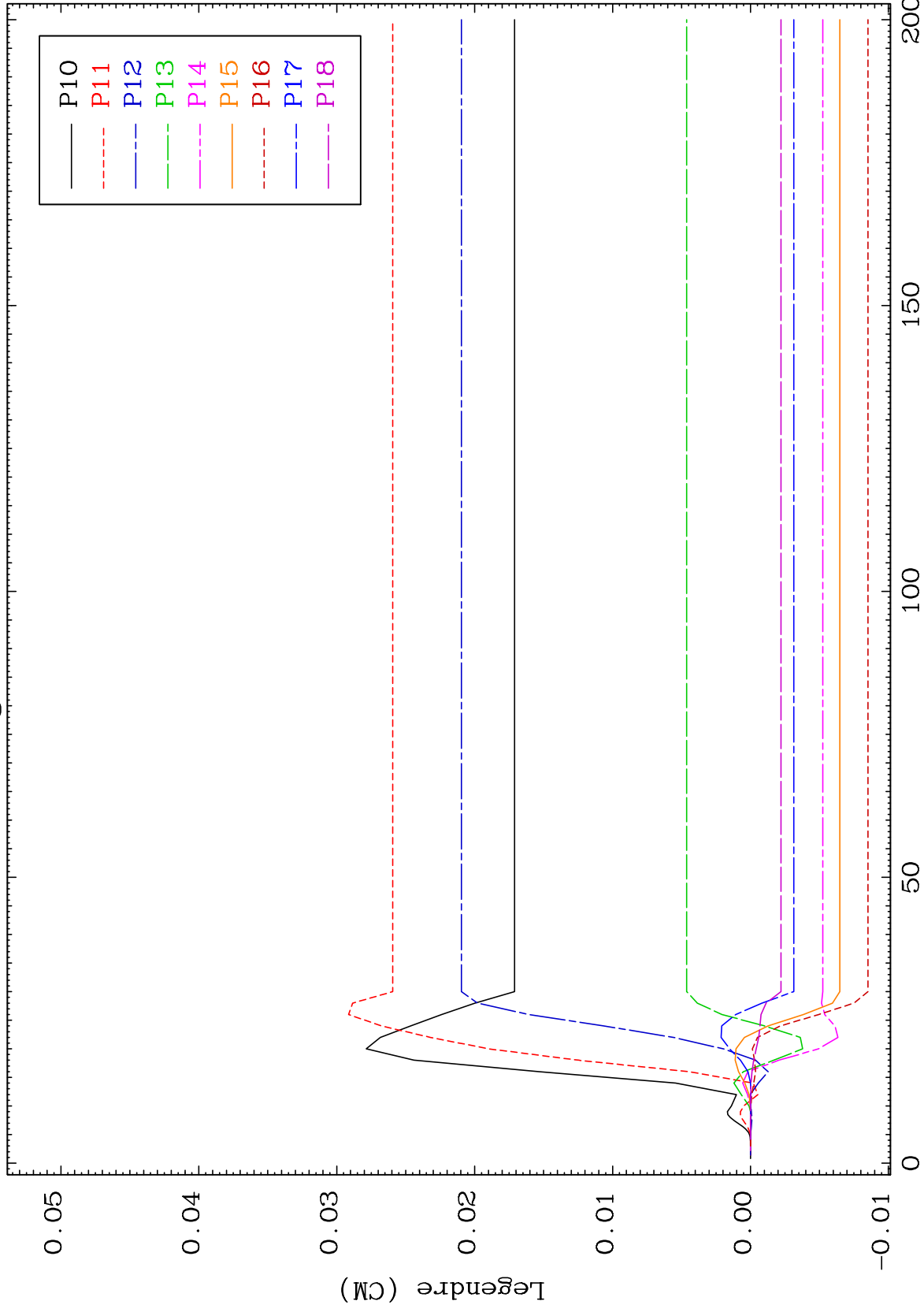
Incident Energy (MeV)

67

MAT 7534

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

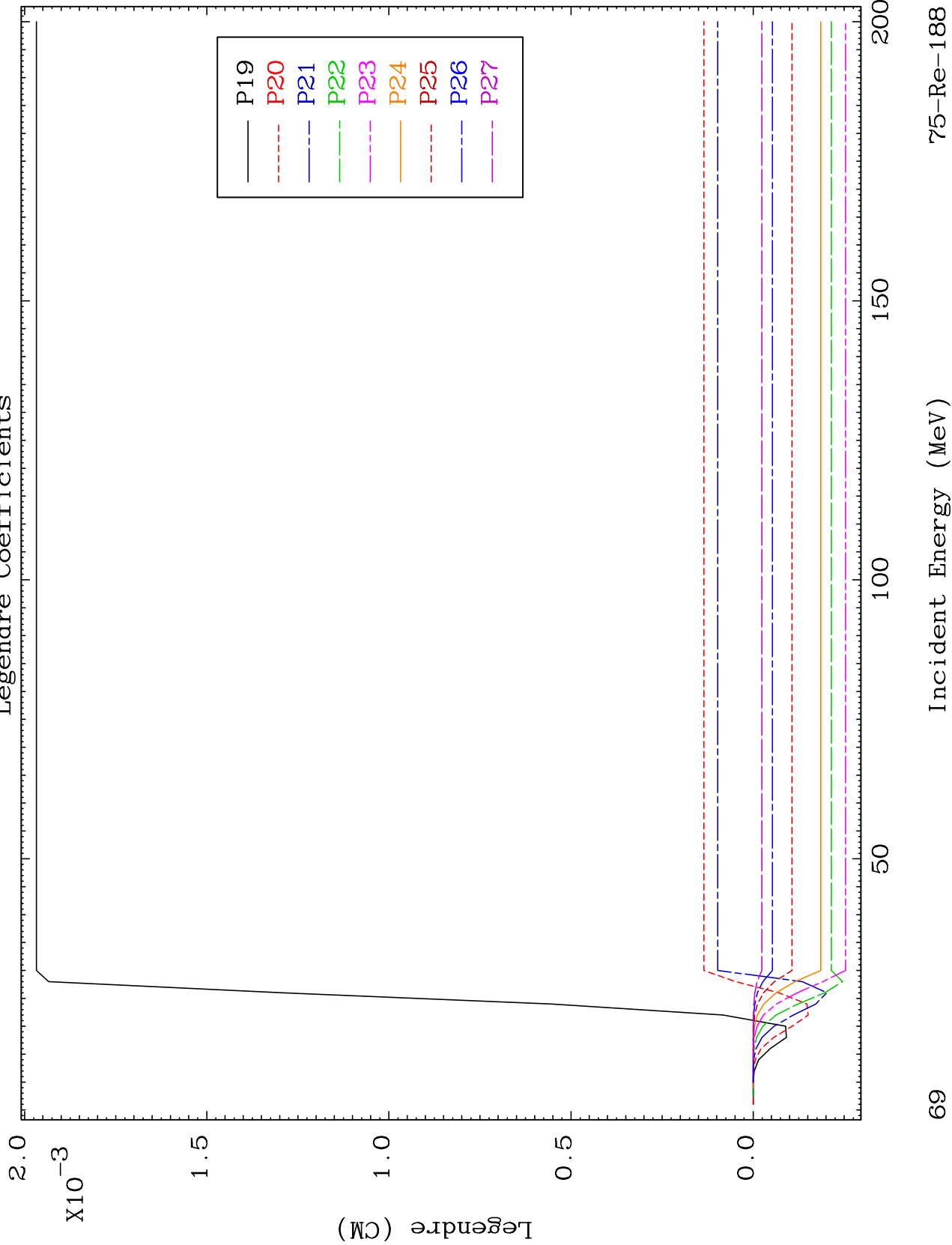
75-Re-188

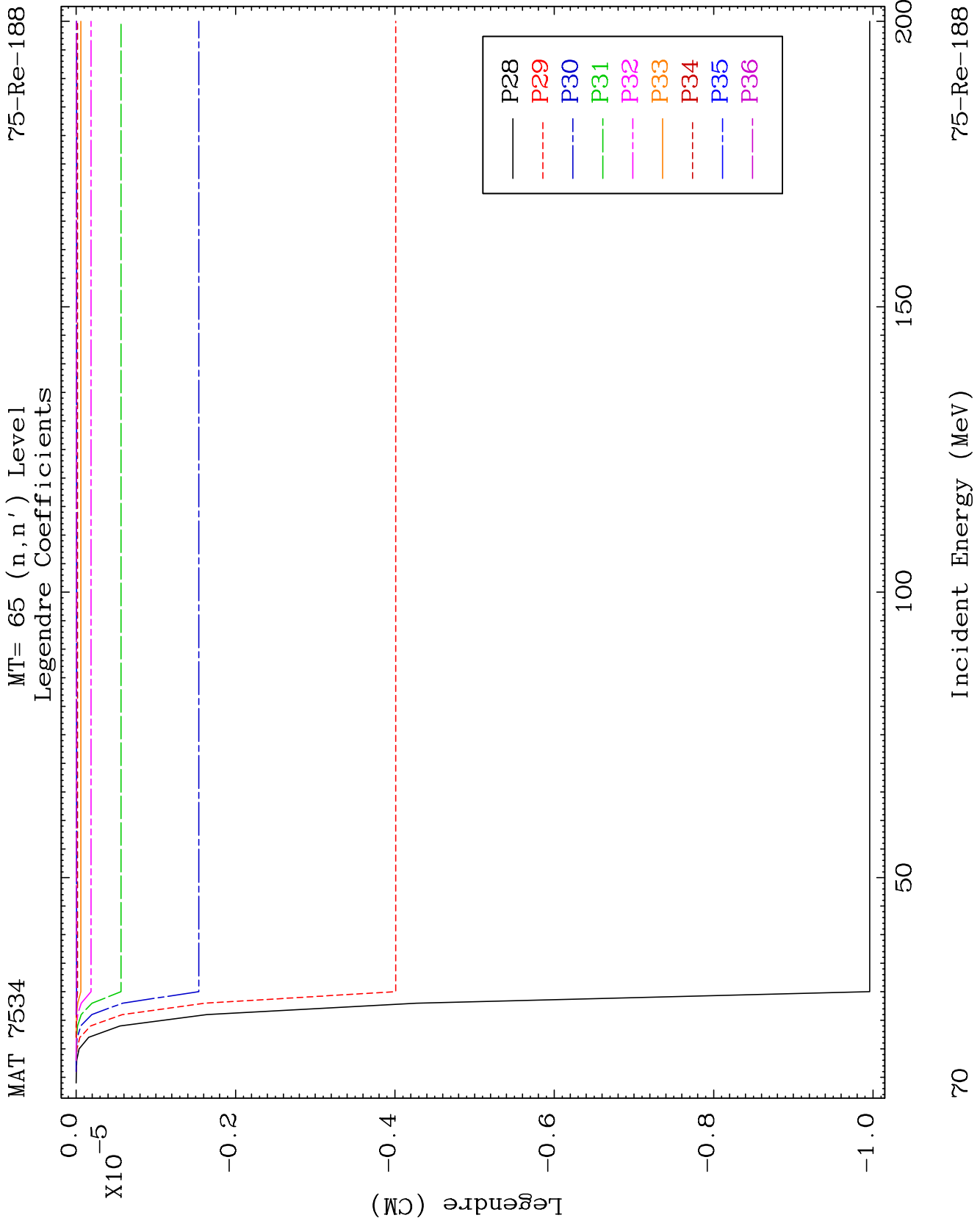


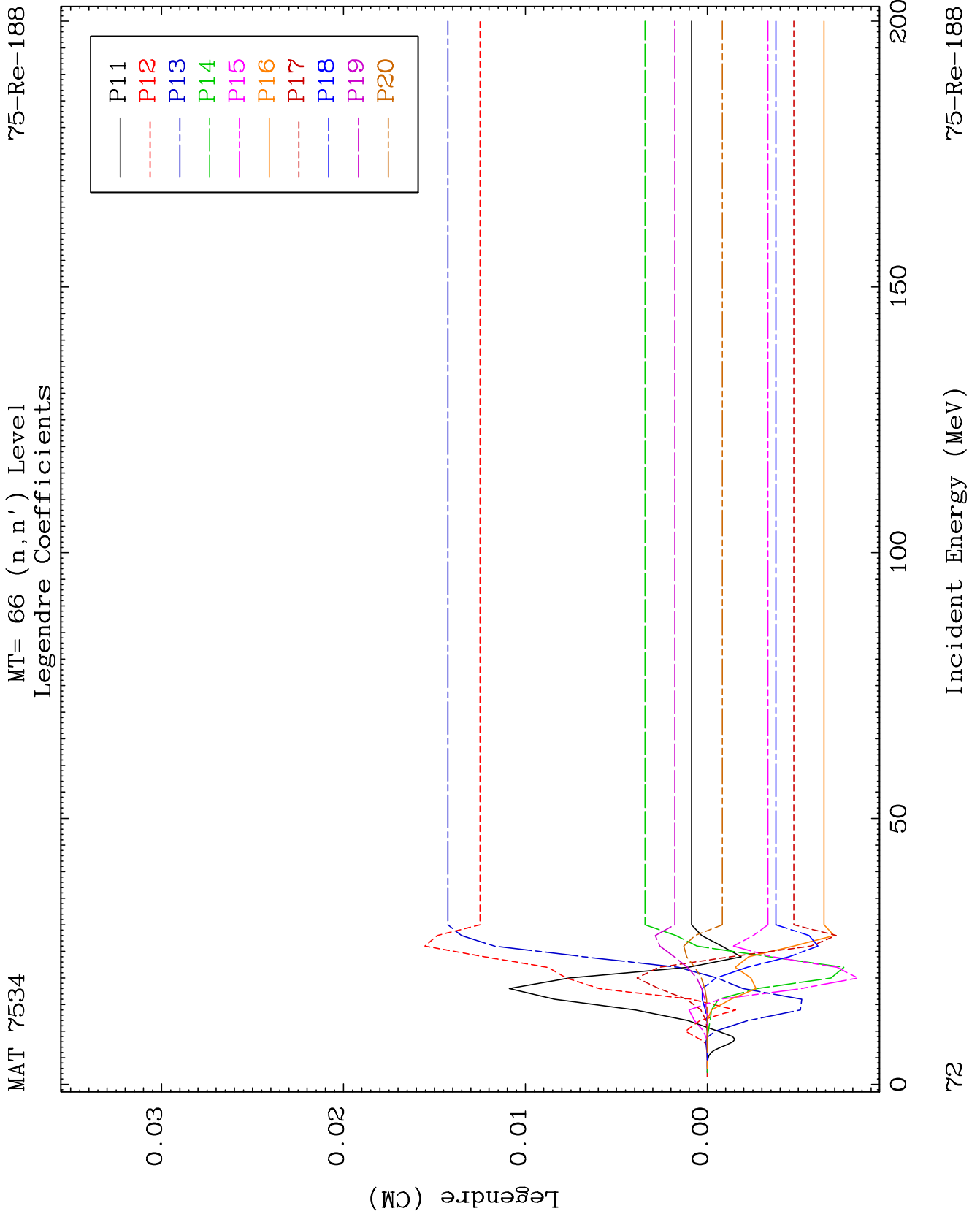
68

Incident Energy (MeV)

75-Re-188



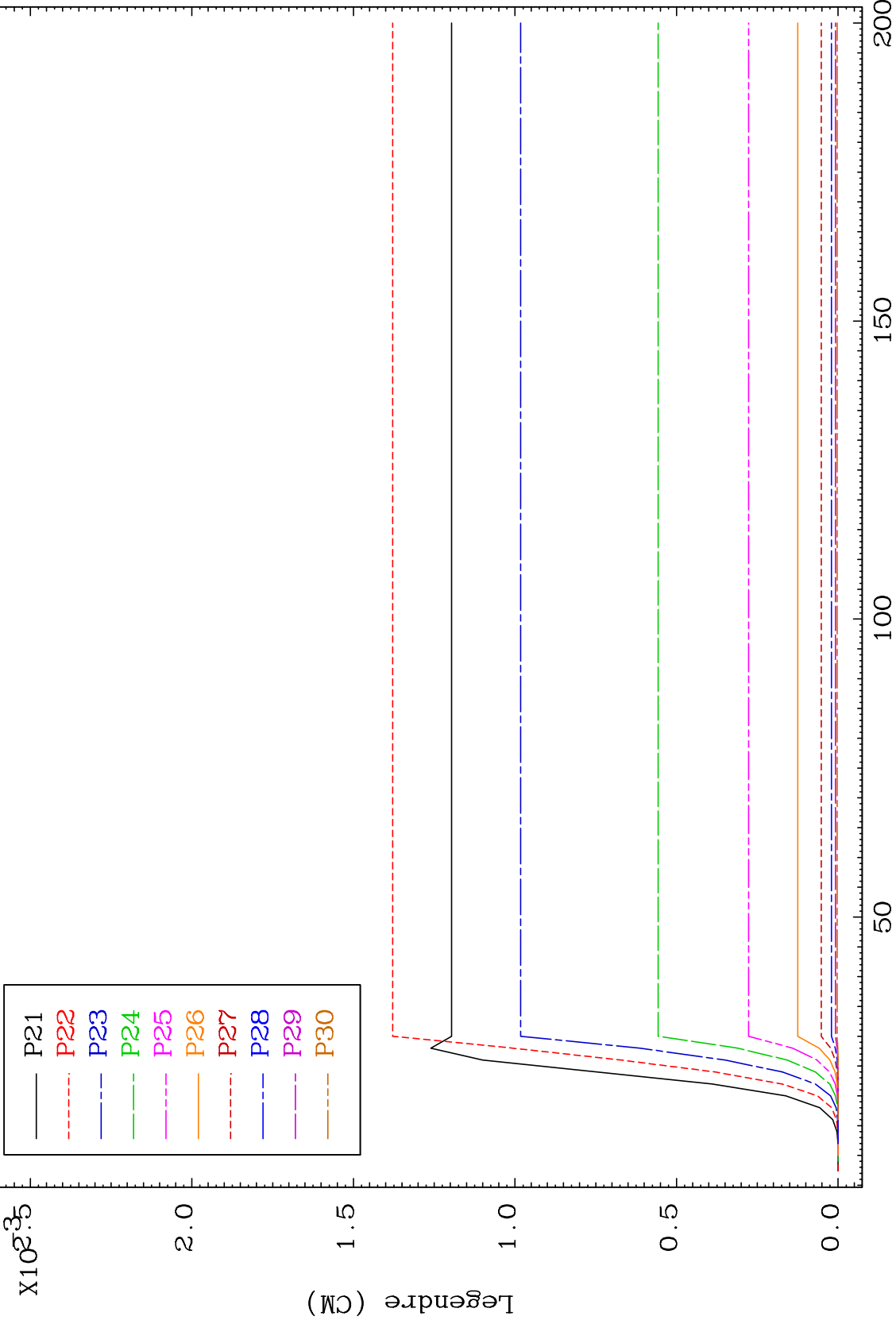
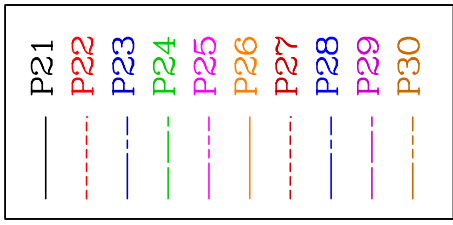




MAT 7534

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

75-Re-188



73

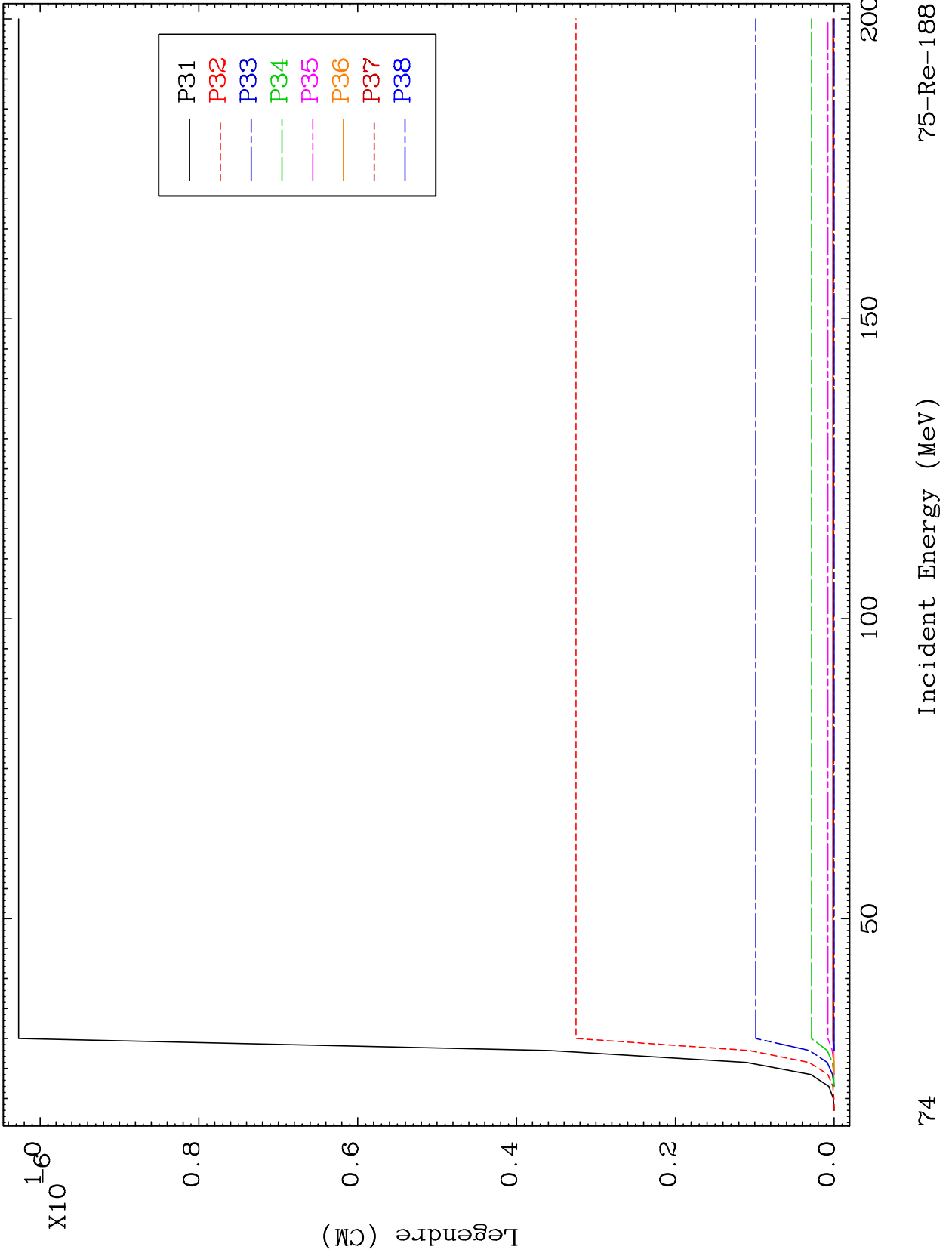
Incident Energy (MeV)

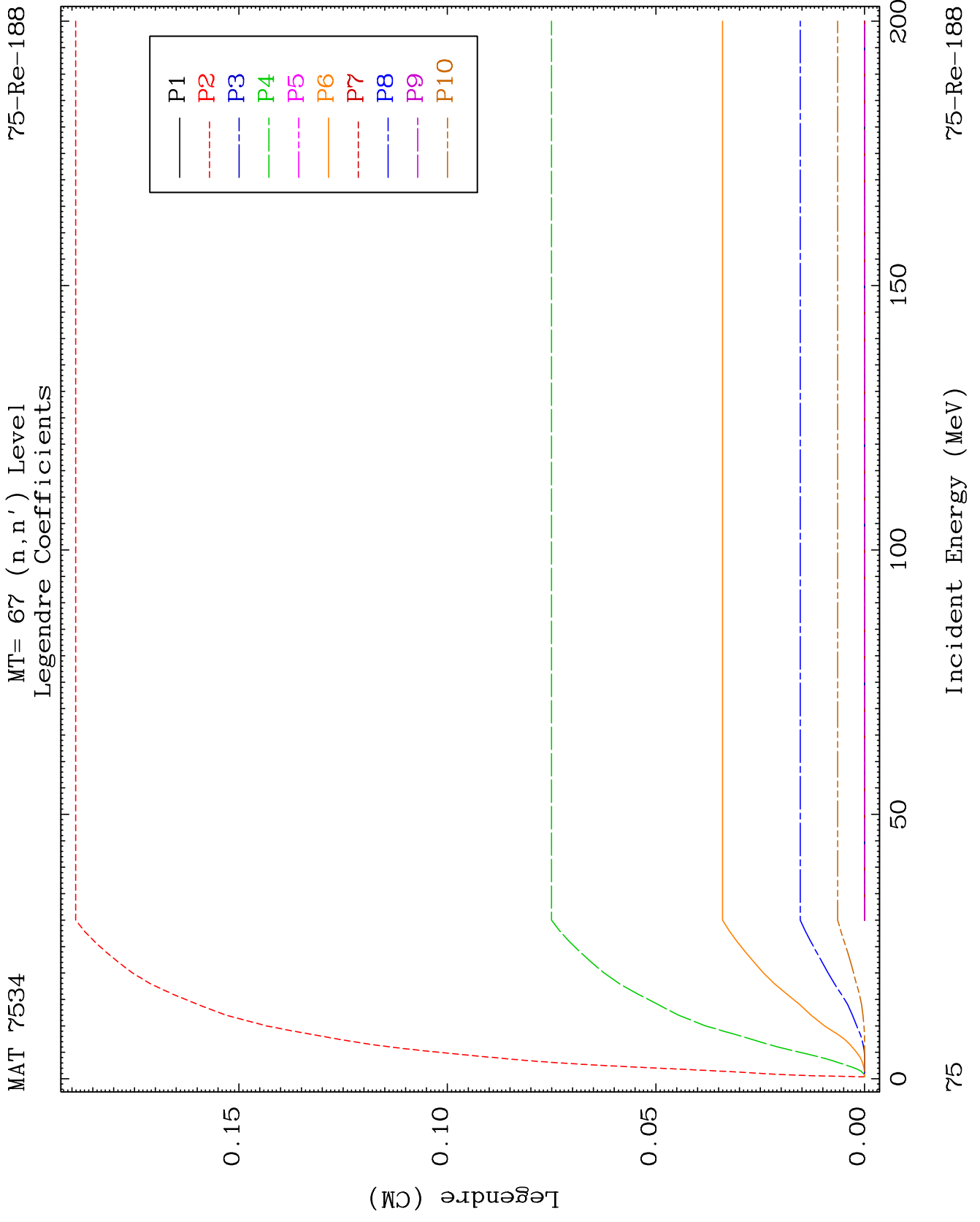
75-Re-188

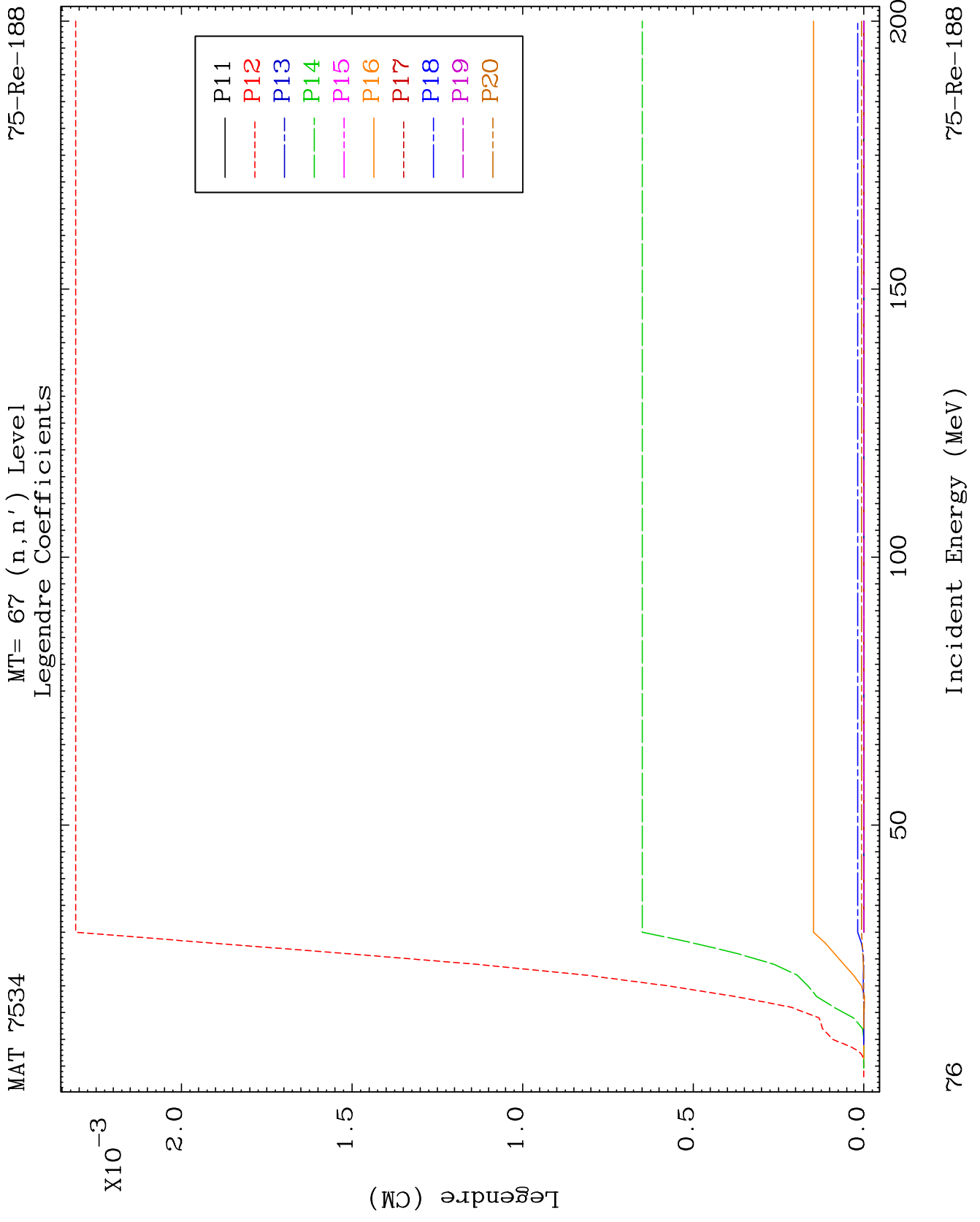
MAT 7534

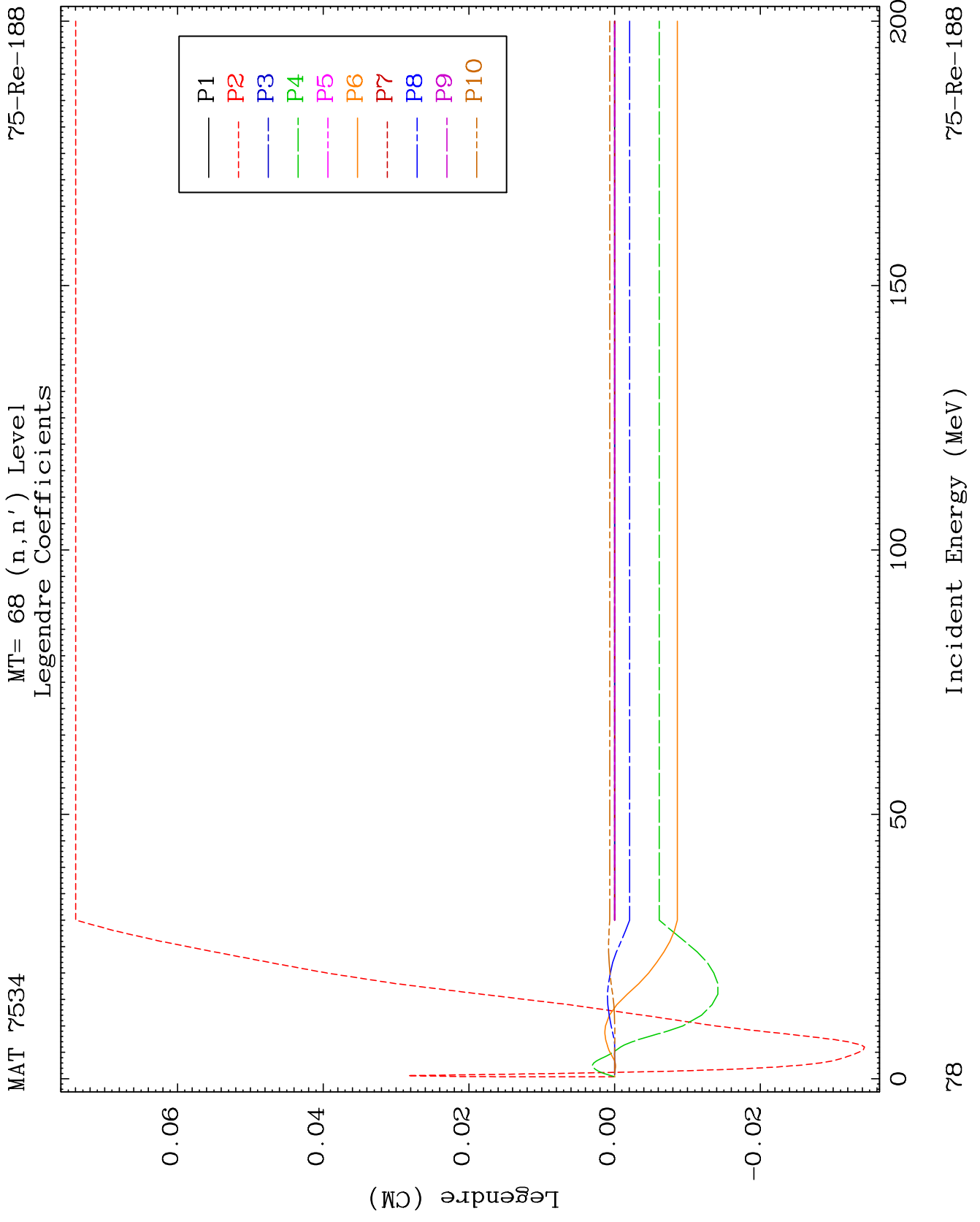
MT= 66 (n,n') Level
Legendre Coefficients

75-Re-188





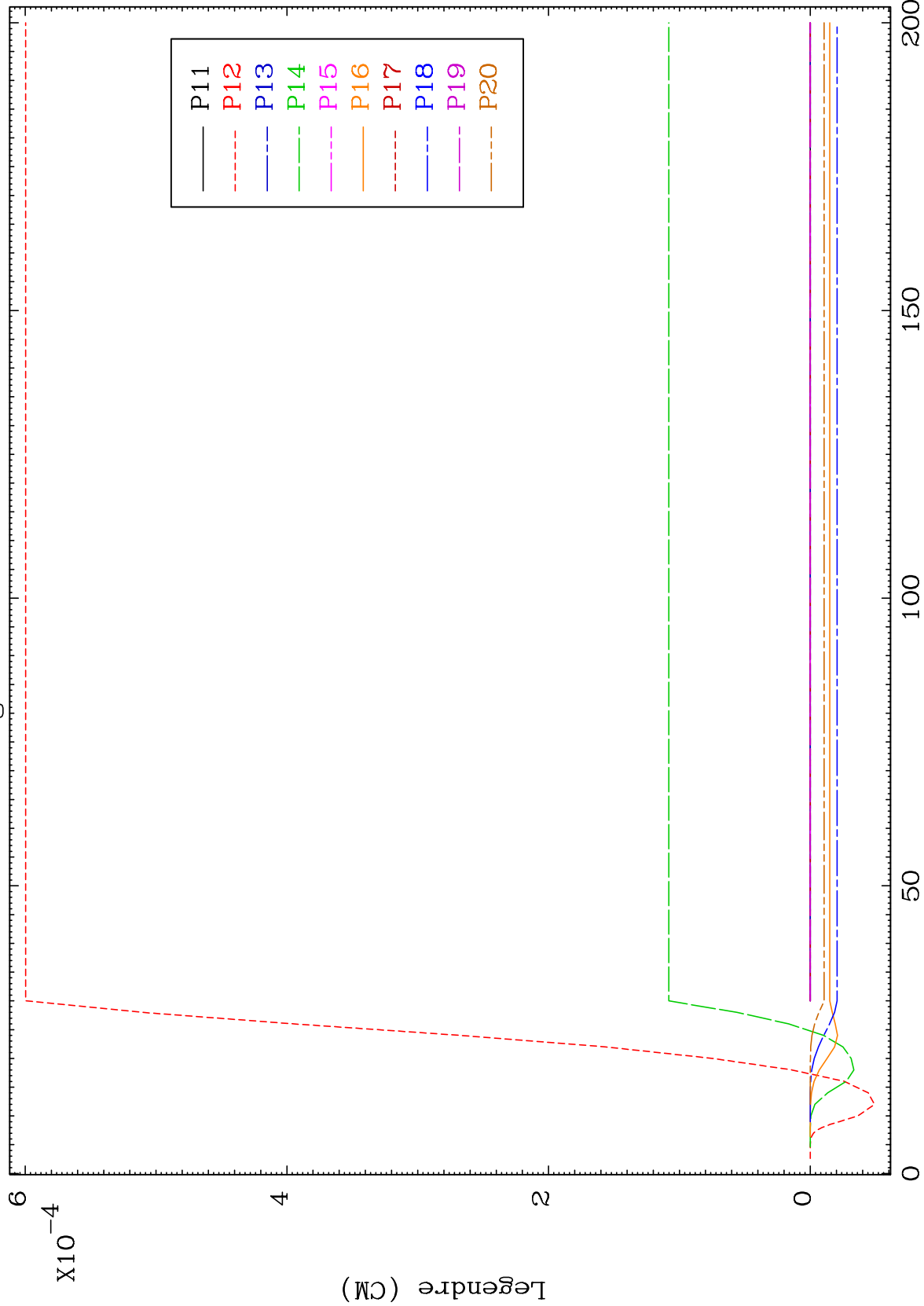




MAT 7534

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

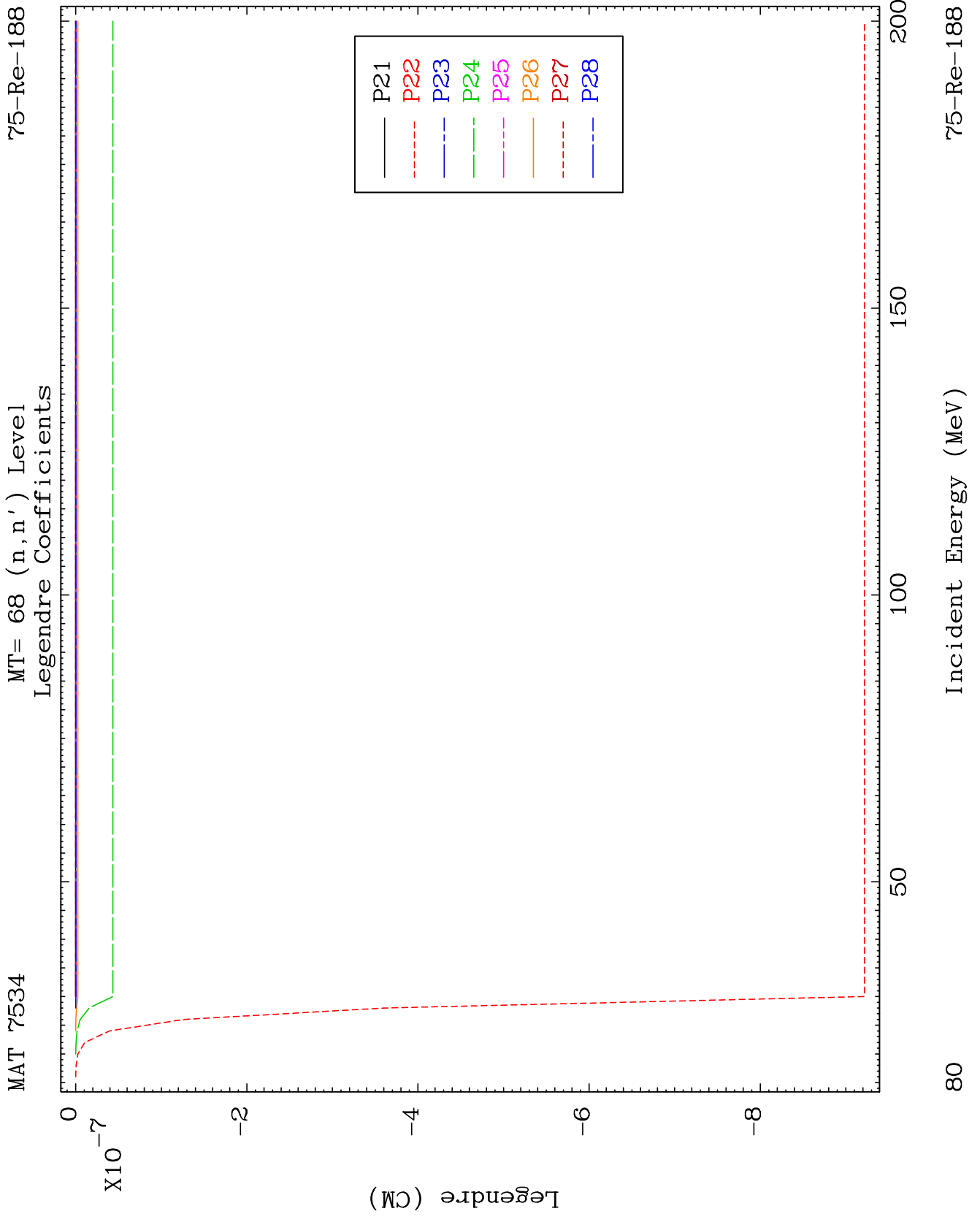
75-Re-188



79

Incident Energy (MeV)

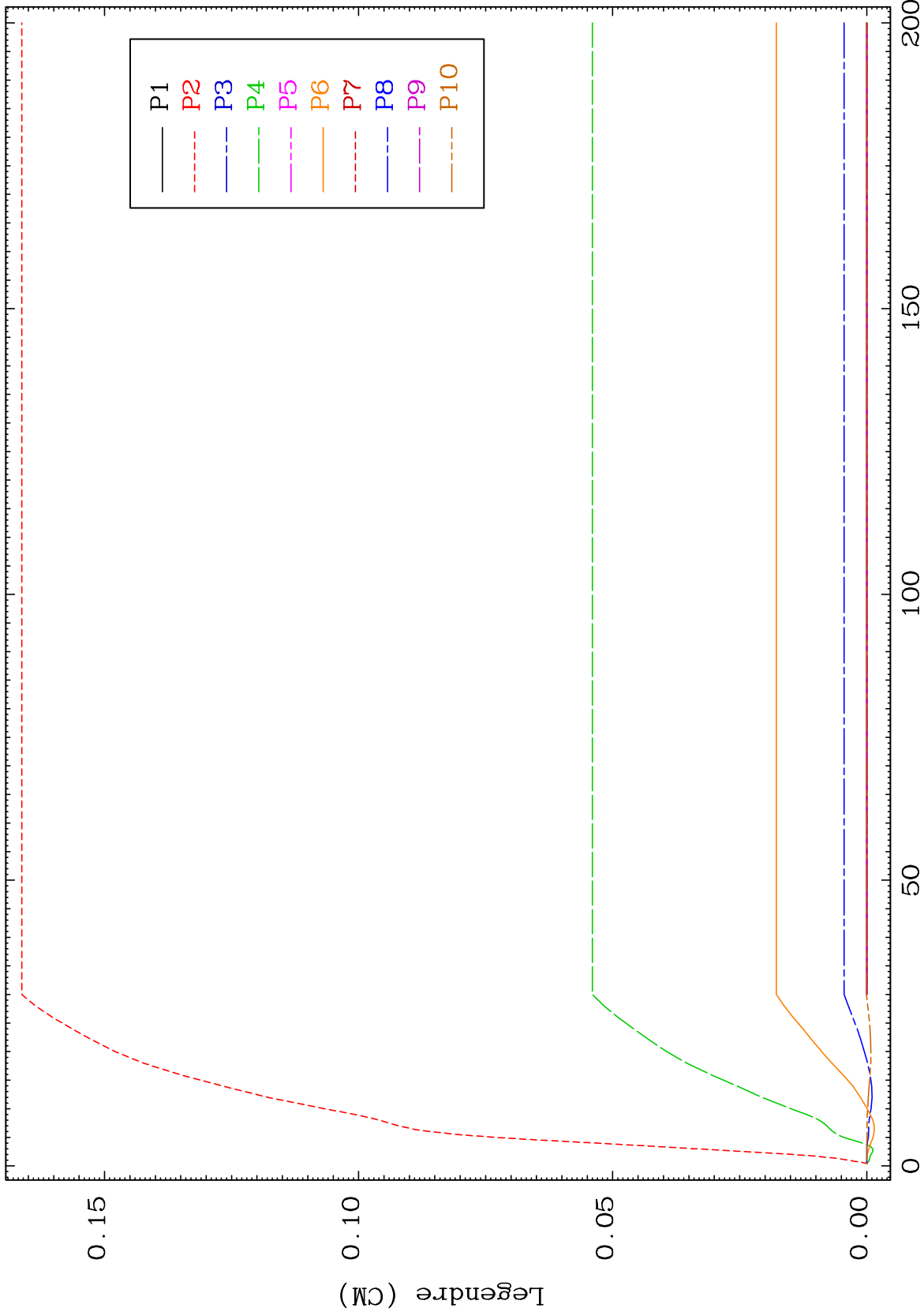
75-Re-188



MAT 7534

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

75-Re-188



81

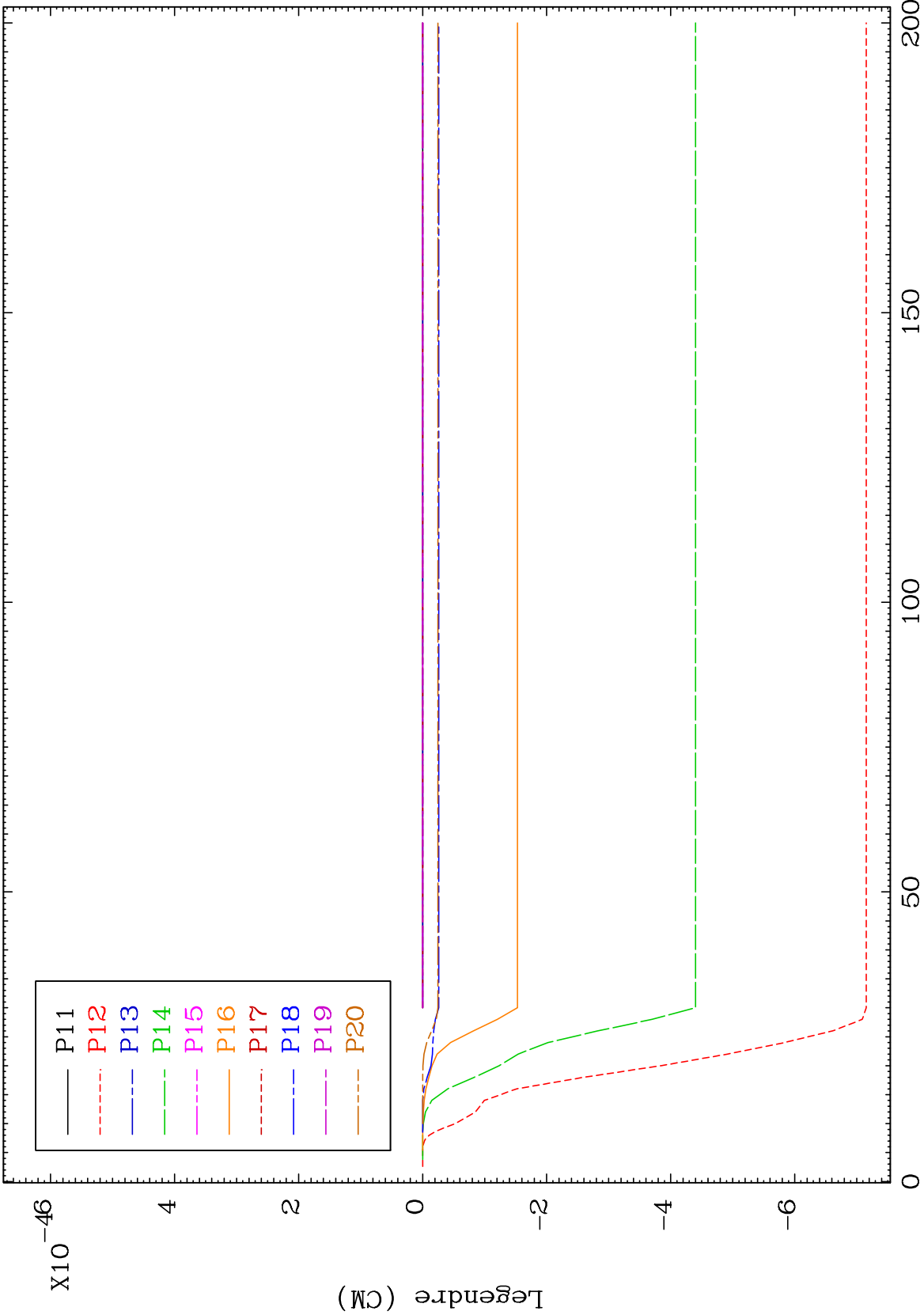
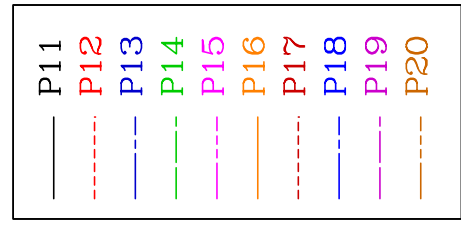
Incident Energy (MeV)

75-Re-188

MAT 7534

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

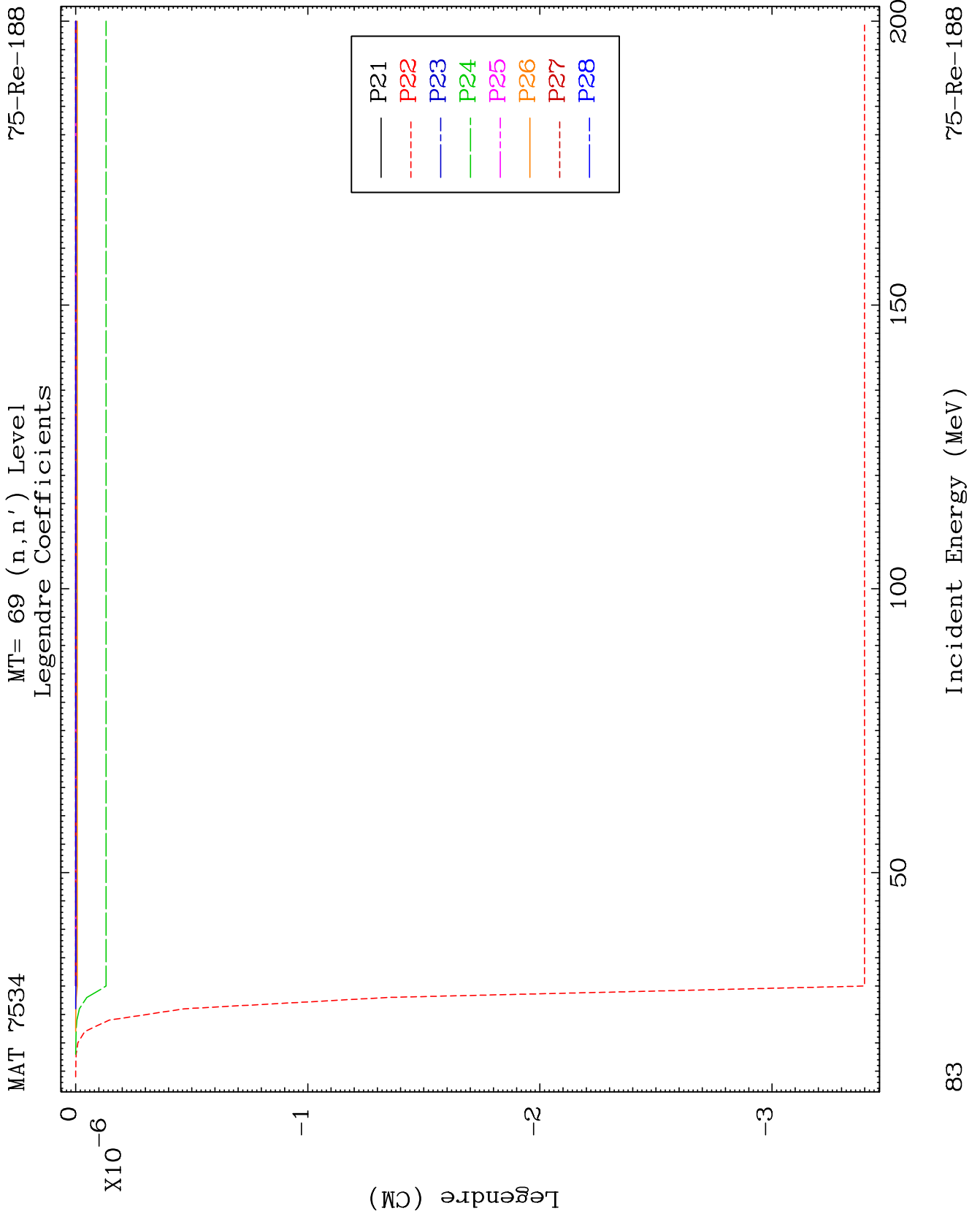
75-Re-188



82

Incident Energy (MeV)

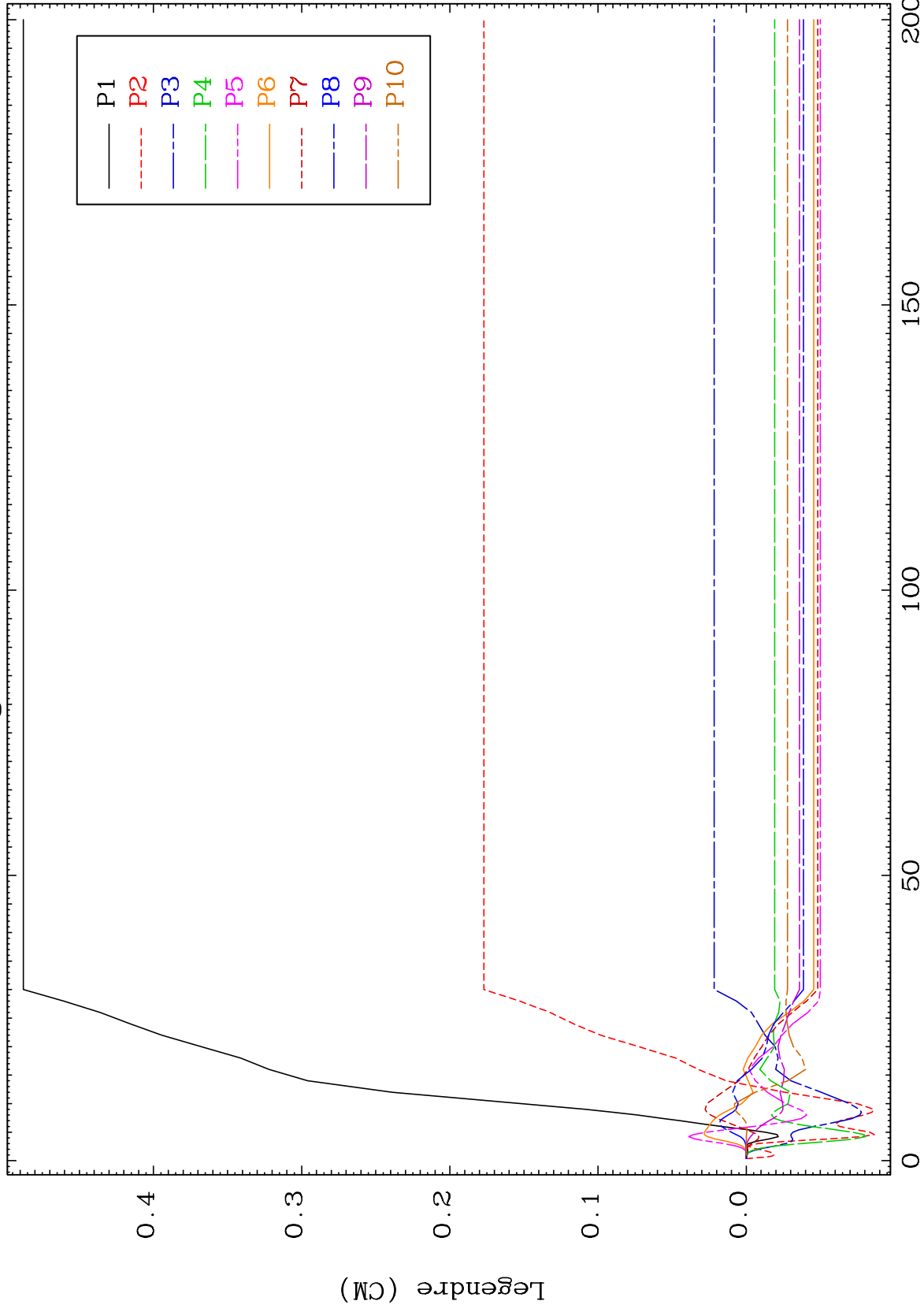
75-Re-188



MAT 7534

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

75-Re-188



84

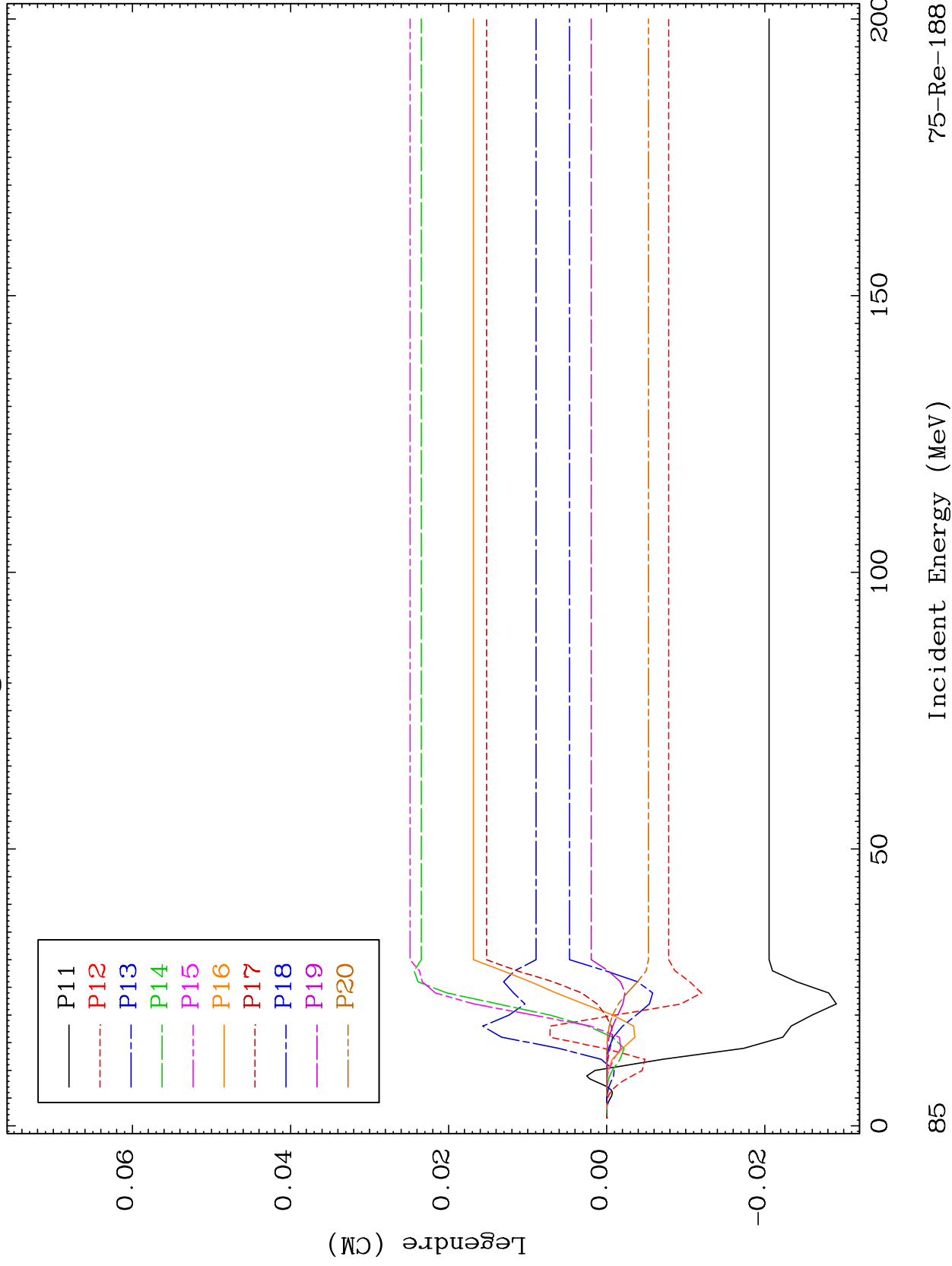
Incident Energy (MeV)

75-Re-188

MAT 7534

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

75-Re-188



75-Re-188

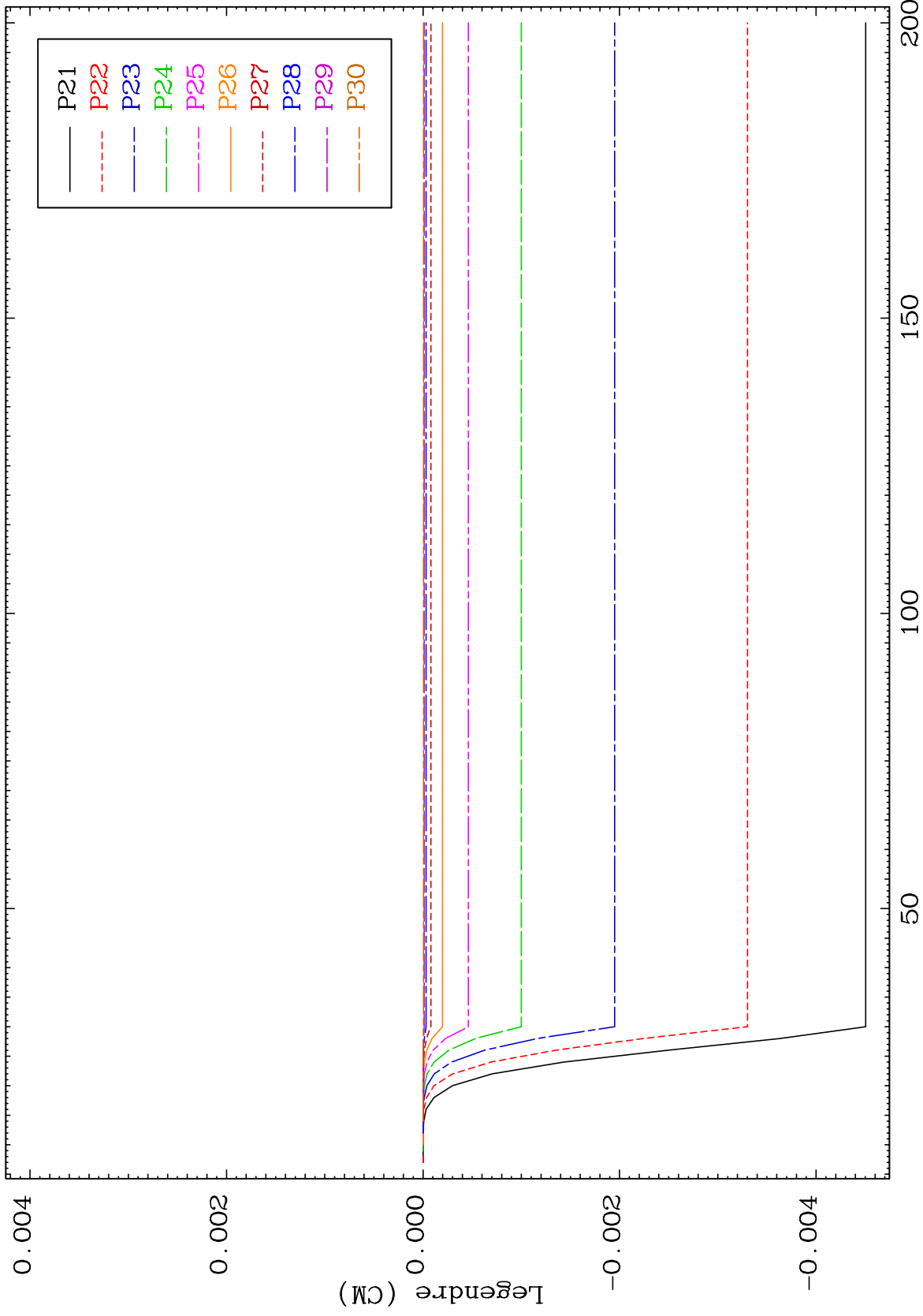
Incident Energy (MeV)

85

MAT 7534

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

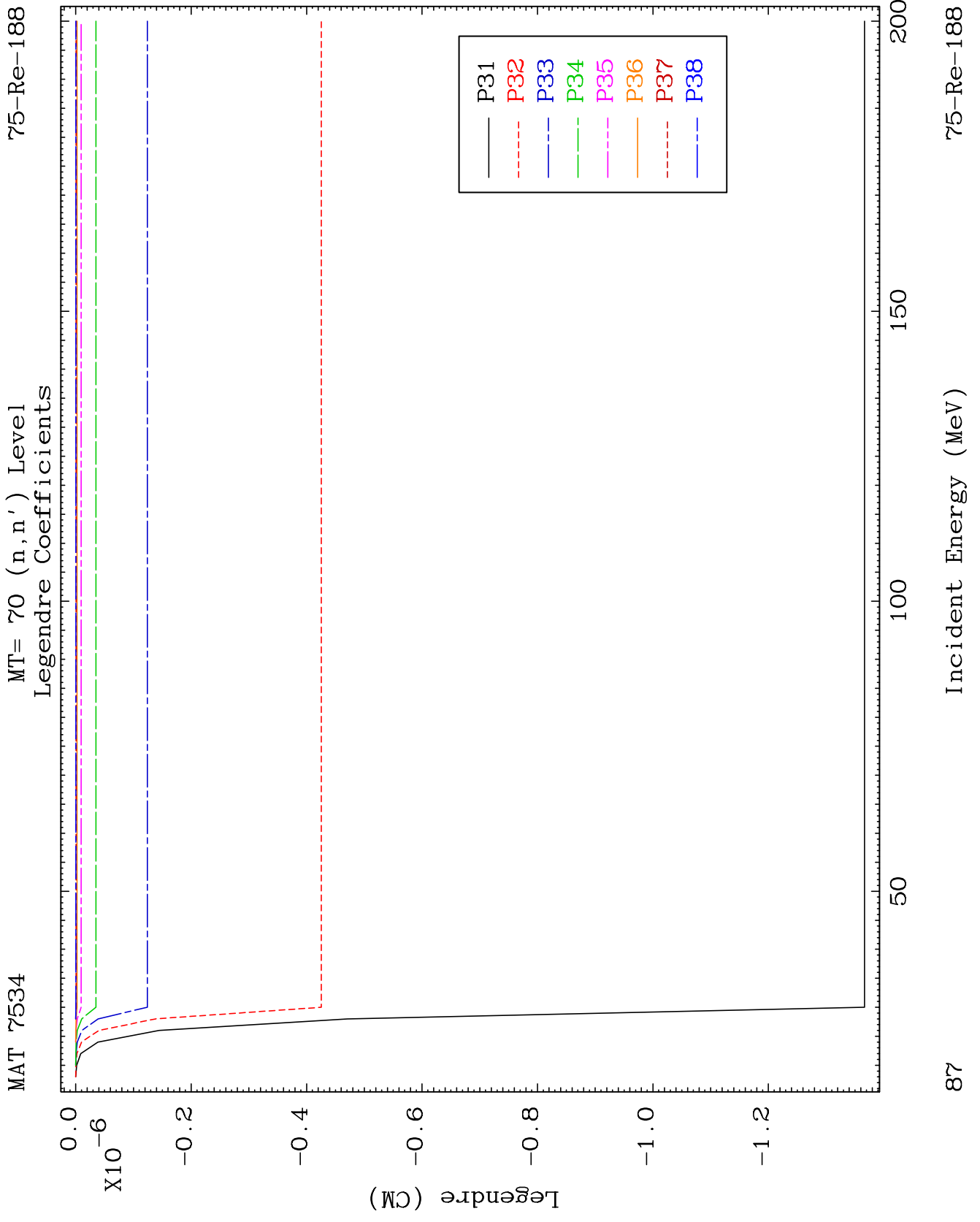
75-Re-188



86

Incident Energy (MeV)

75-Re-188



MAT 7534

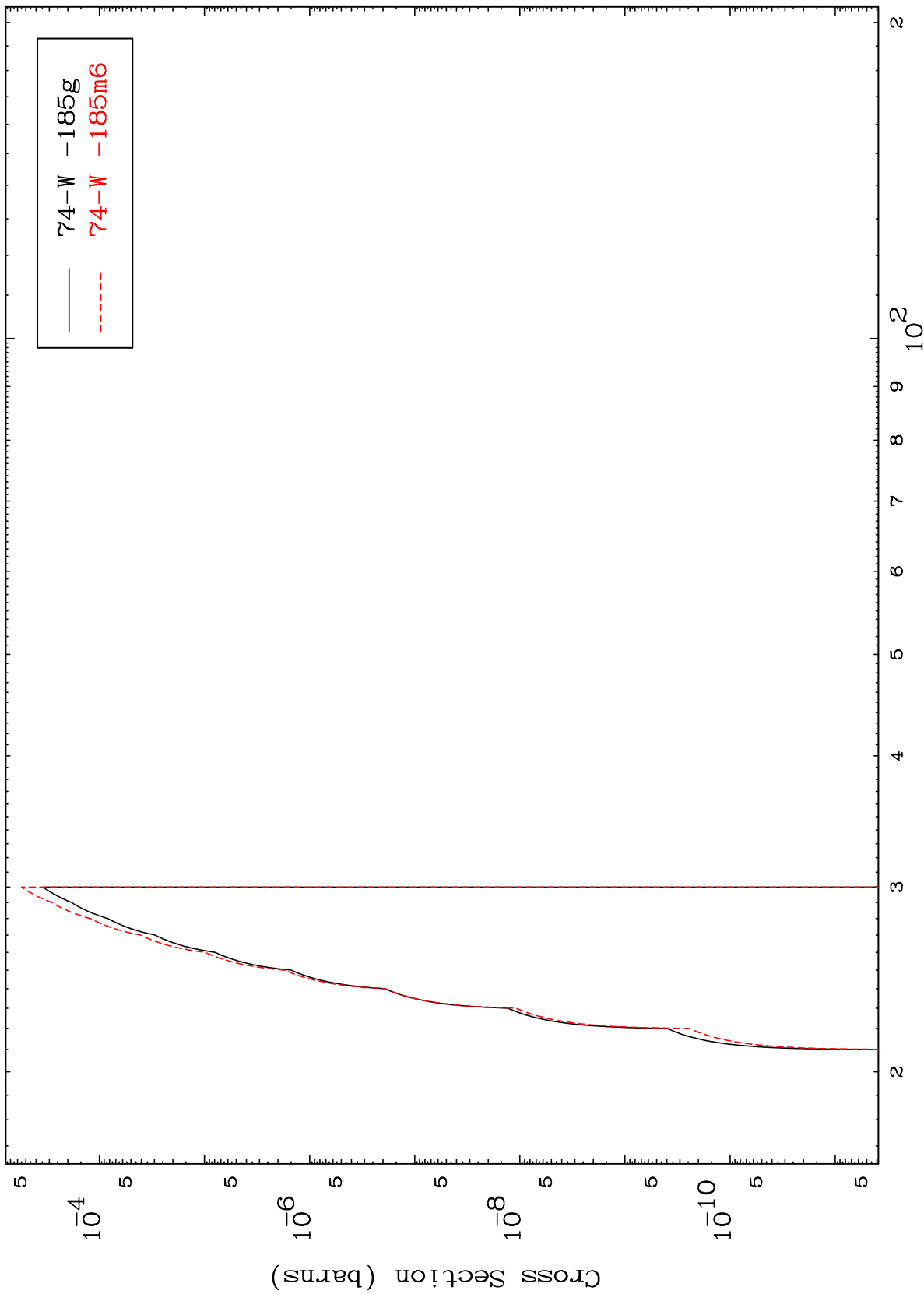
Inelastic
Radionuclide Production Cross Section

75-Re-188



75-Re-188g
75-Re-188m4

Radionuclide Production Cross Section



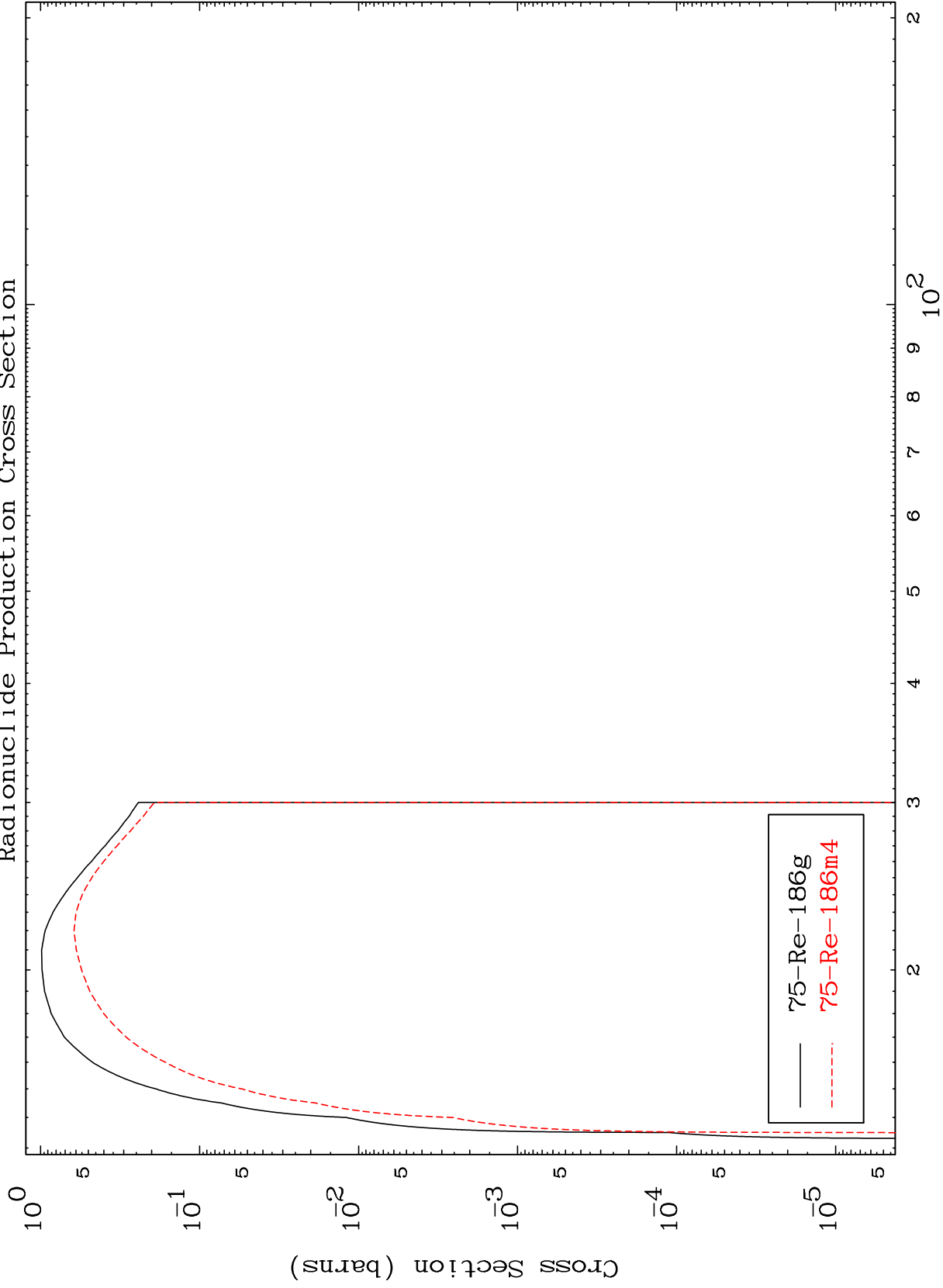
74-W - 185g
74-W - 185m6

MAT 7534

(n,3n)

75-Re-188

Radionuclide Production Cross Section



90

Incident Energy (MeV)

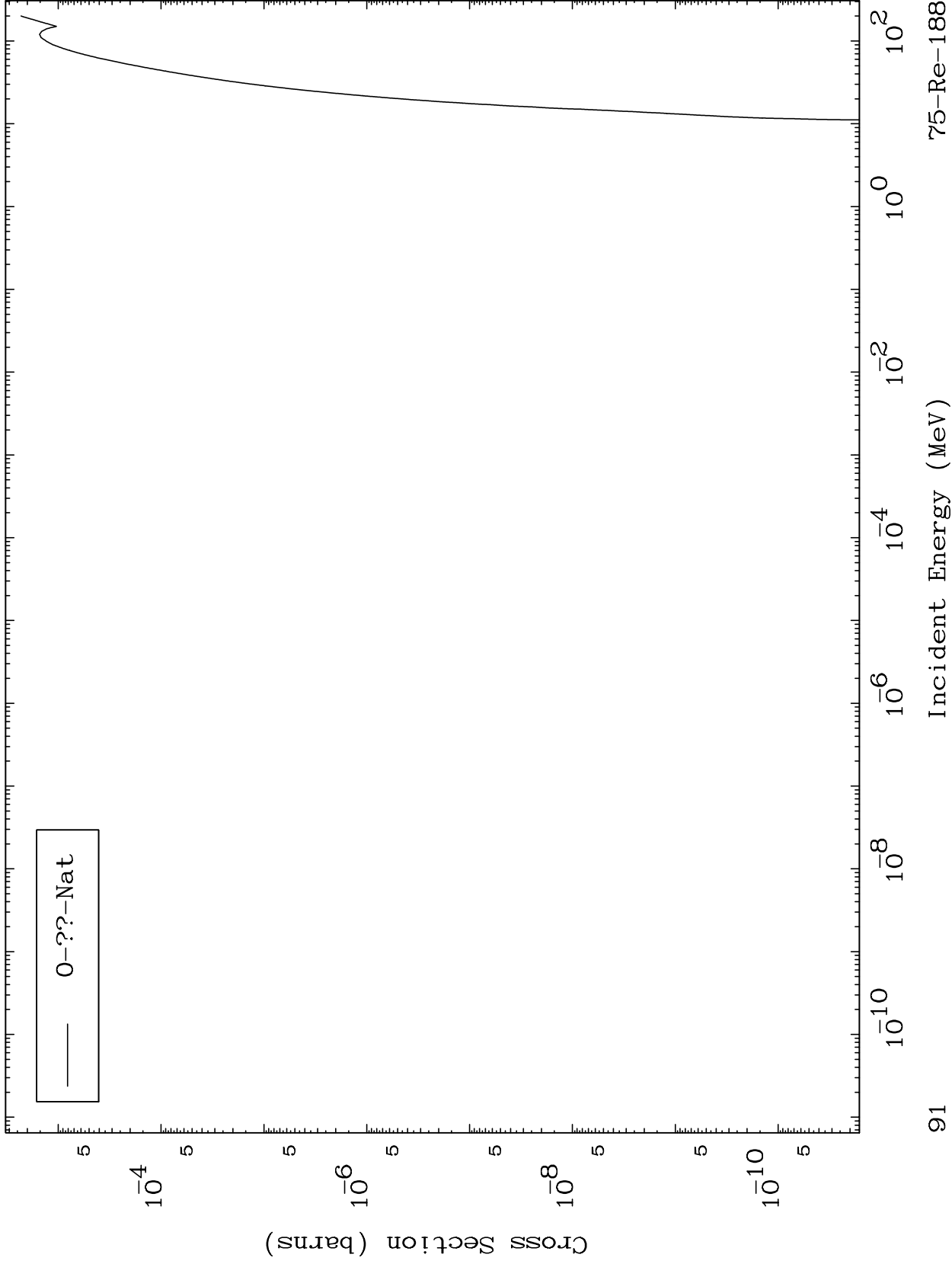
75-Re-188

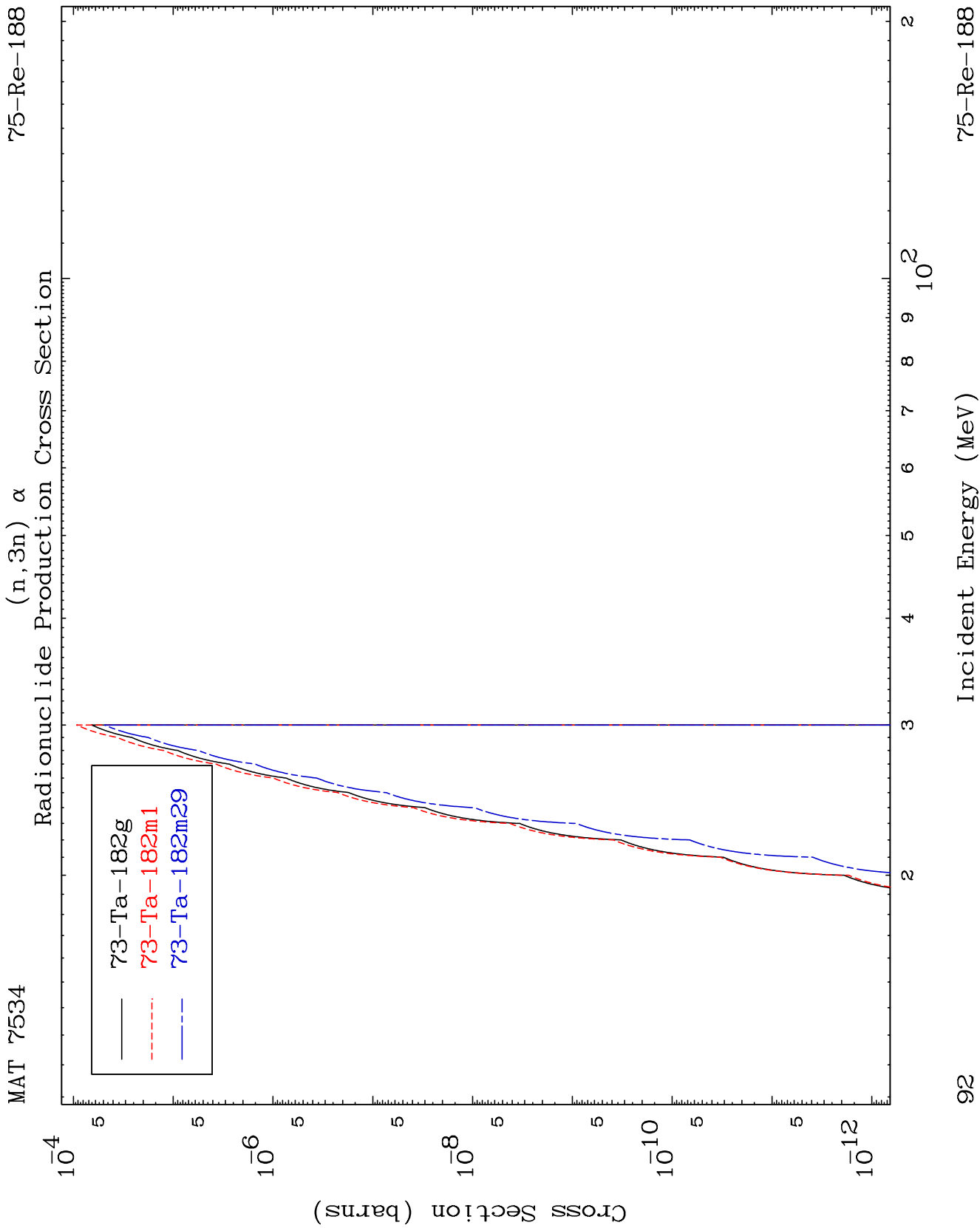
MAT 7534

Fission

⁷⁵Re-188

Radionuclide Production Cross Section



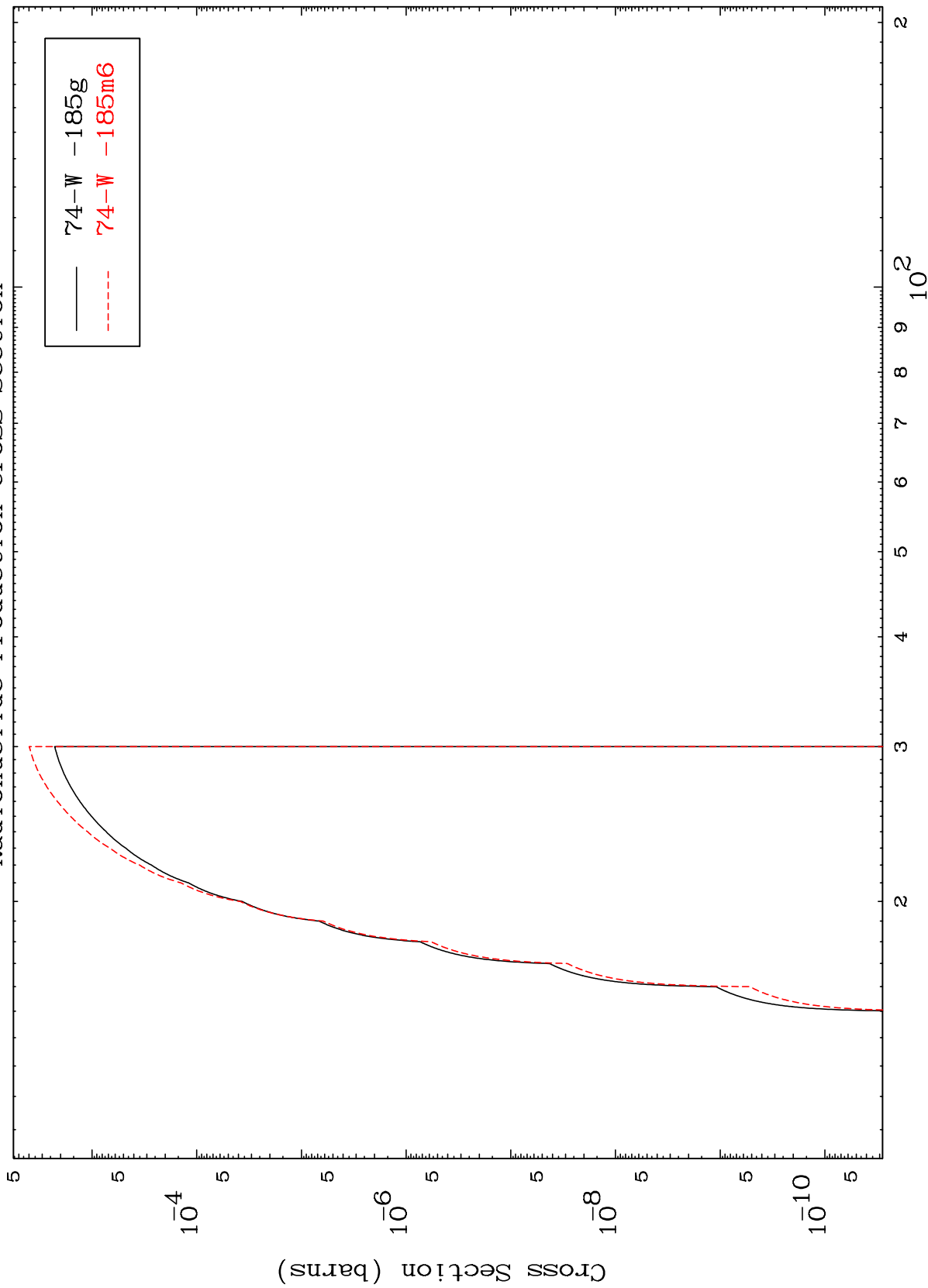


MAT 7534

(n,n') t

75-Re-188

Radionuclide Production Cross Section



93

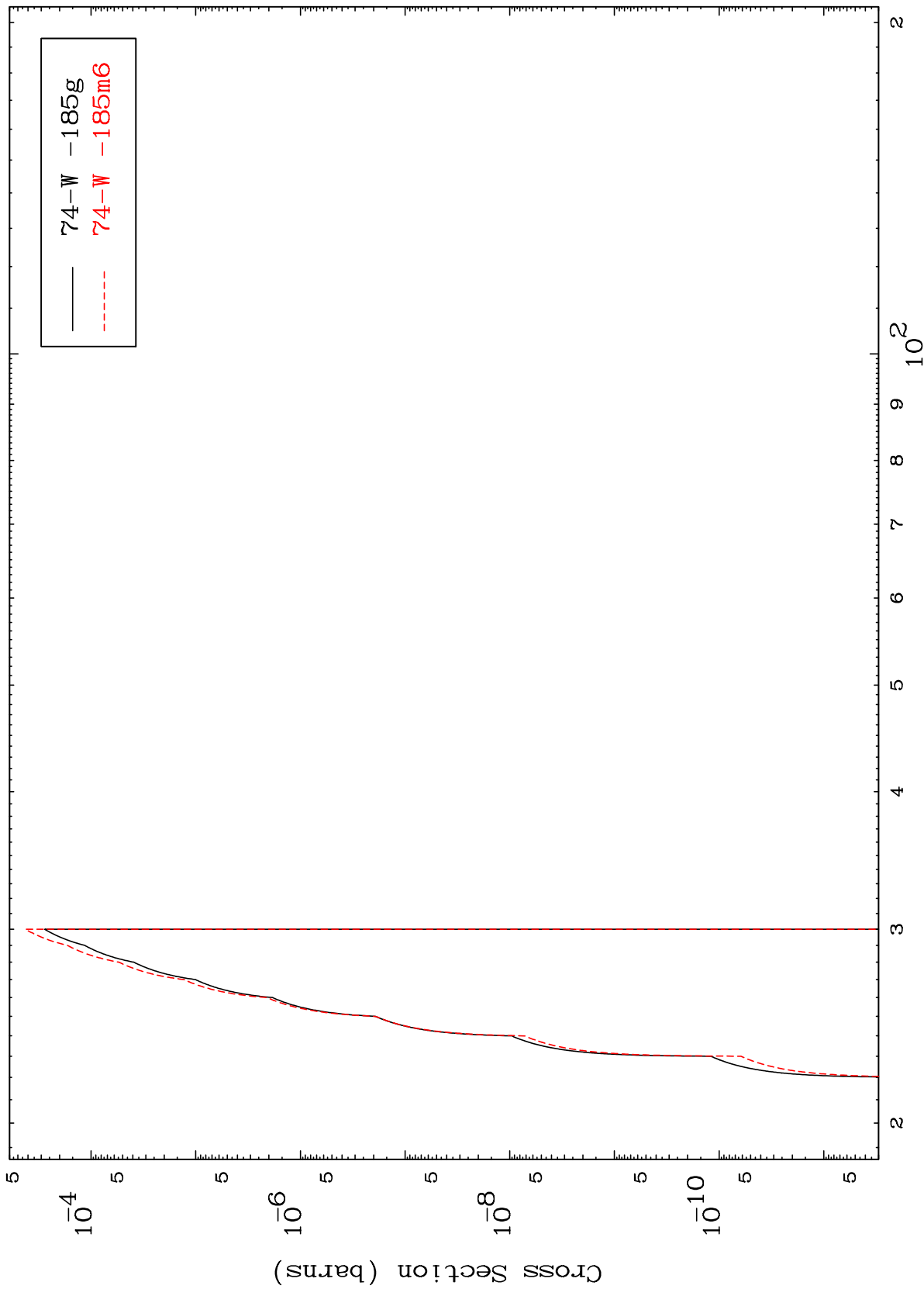
Incident Energy (MeV)

75-Re-188

MAT 7534

75-Re-188

(n,3n) p
Radionuclide Production Cross Section



94

Incident Energy (MeV)

75-Re-188

MAT 7534

(n,p) α

⁷⁵Re-188

Radionuclide Production Cross Section

