

Program EVALPLOT
(Version 2017-1)

by

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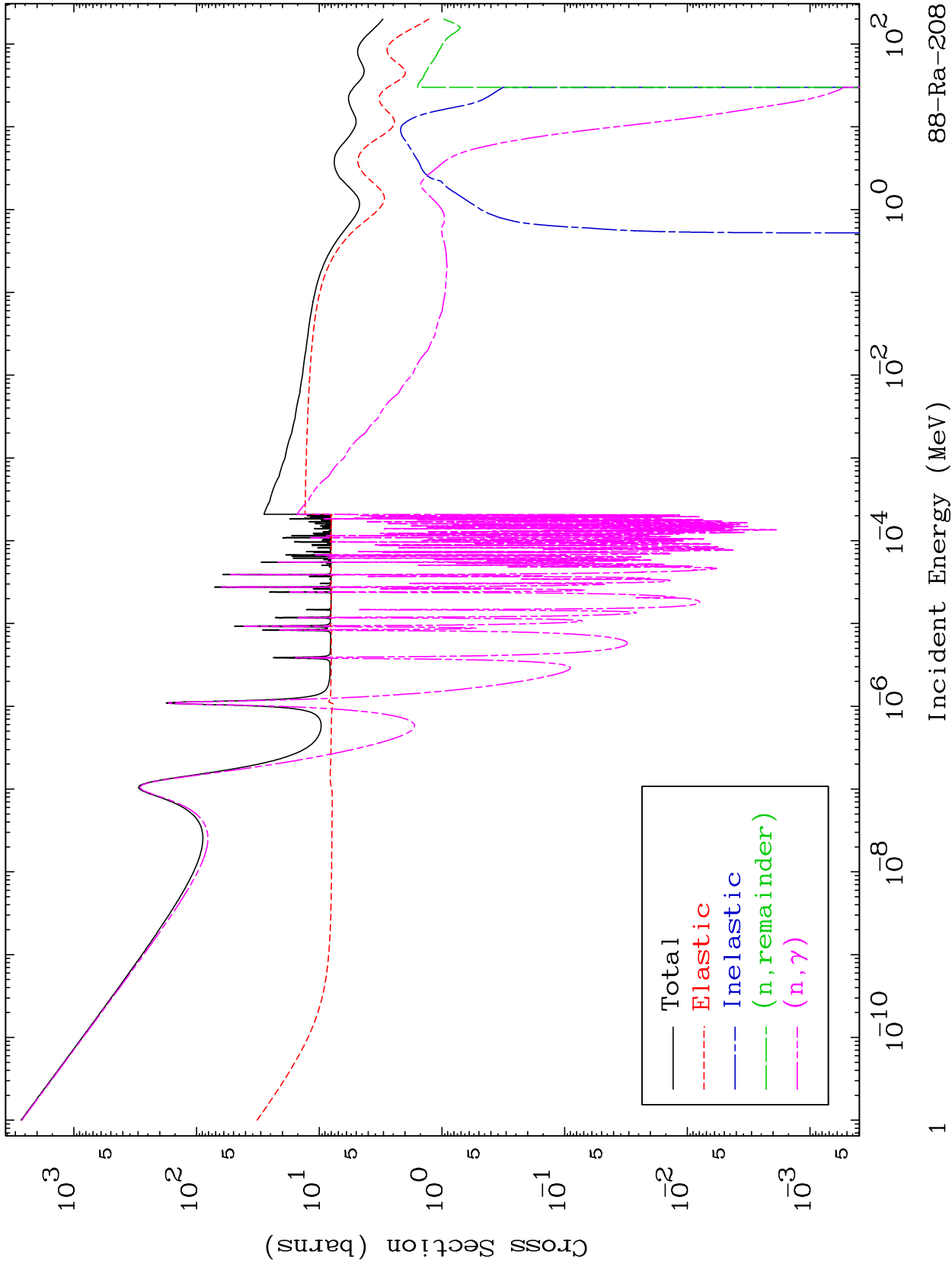
Press Mouse Button to Start

MAT 8780

Major

293 Kelvin Cross Sections

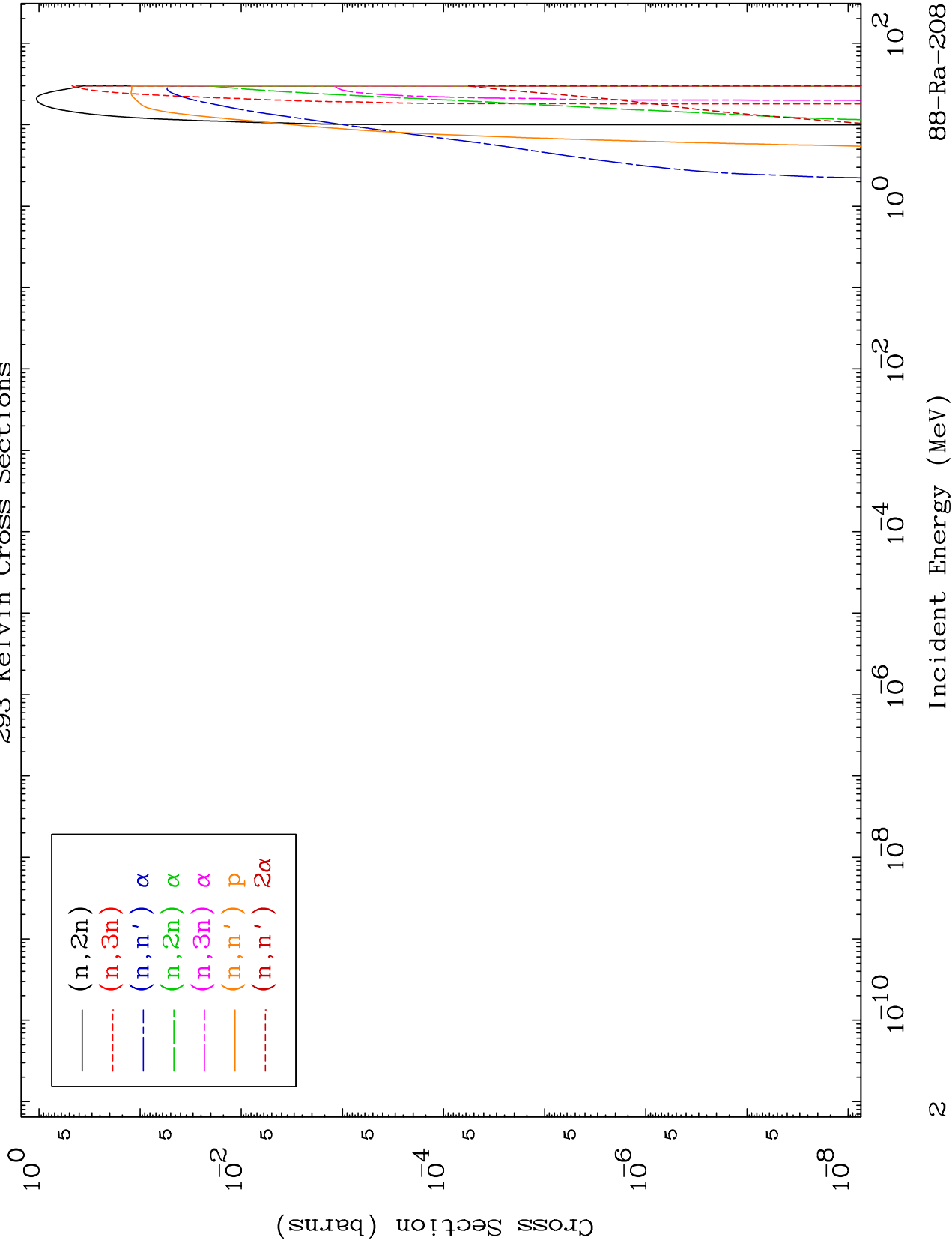
88-Ra-208



MAT 8780

Neutron Production
293 Kelvin Cross Sections

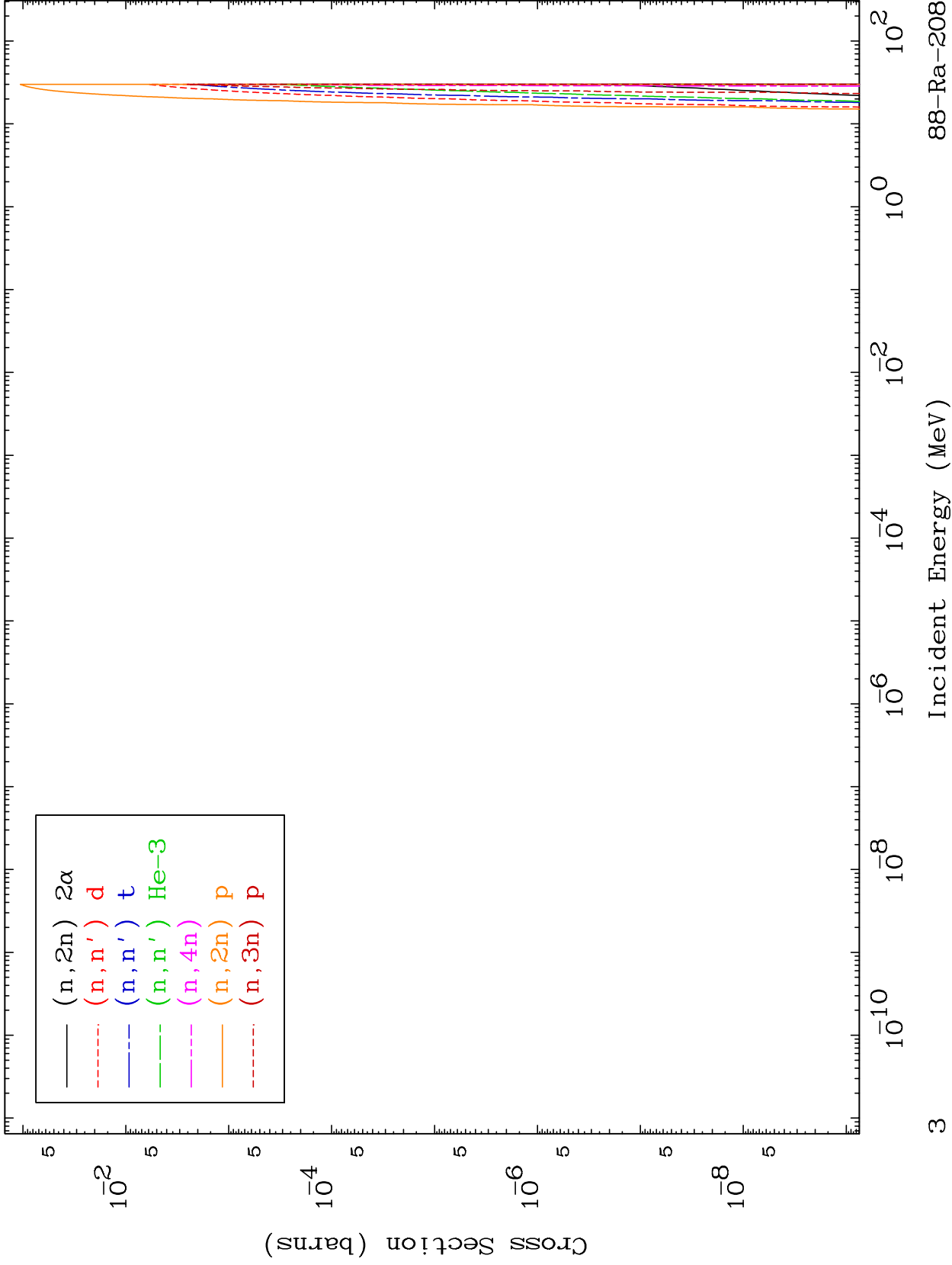
88-Ra-208



MAT 8780

Neutron Production
293 Kelvin Cross Sections

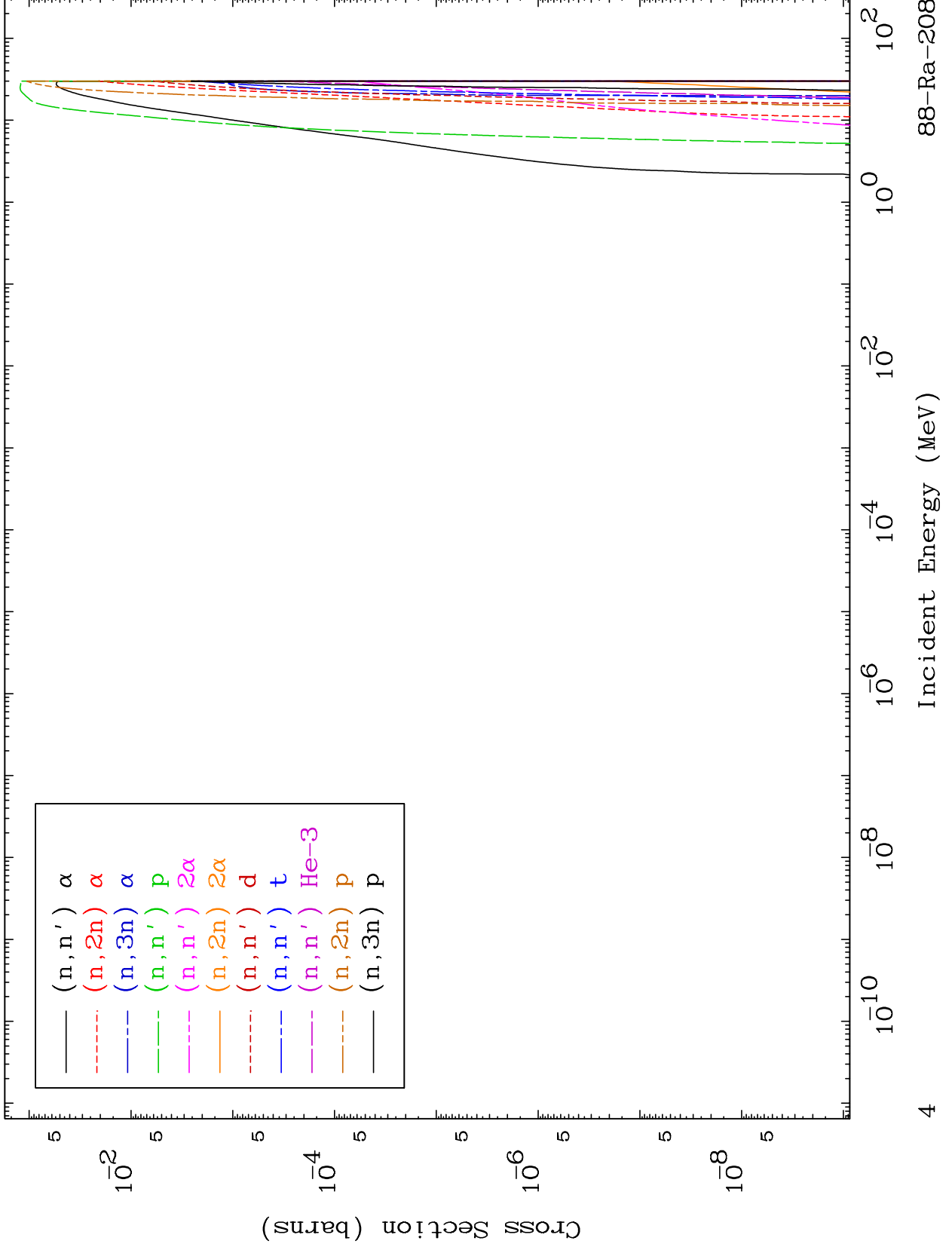
88-Ra-208



MAT 8780

Charged Particle
293 Kelvin Cross Sections

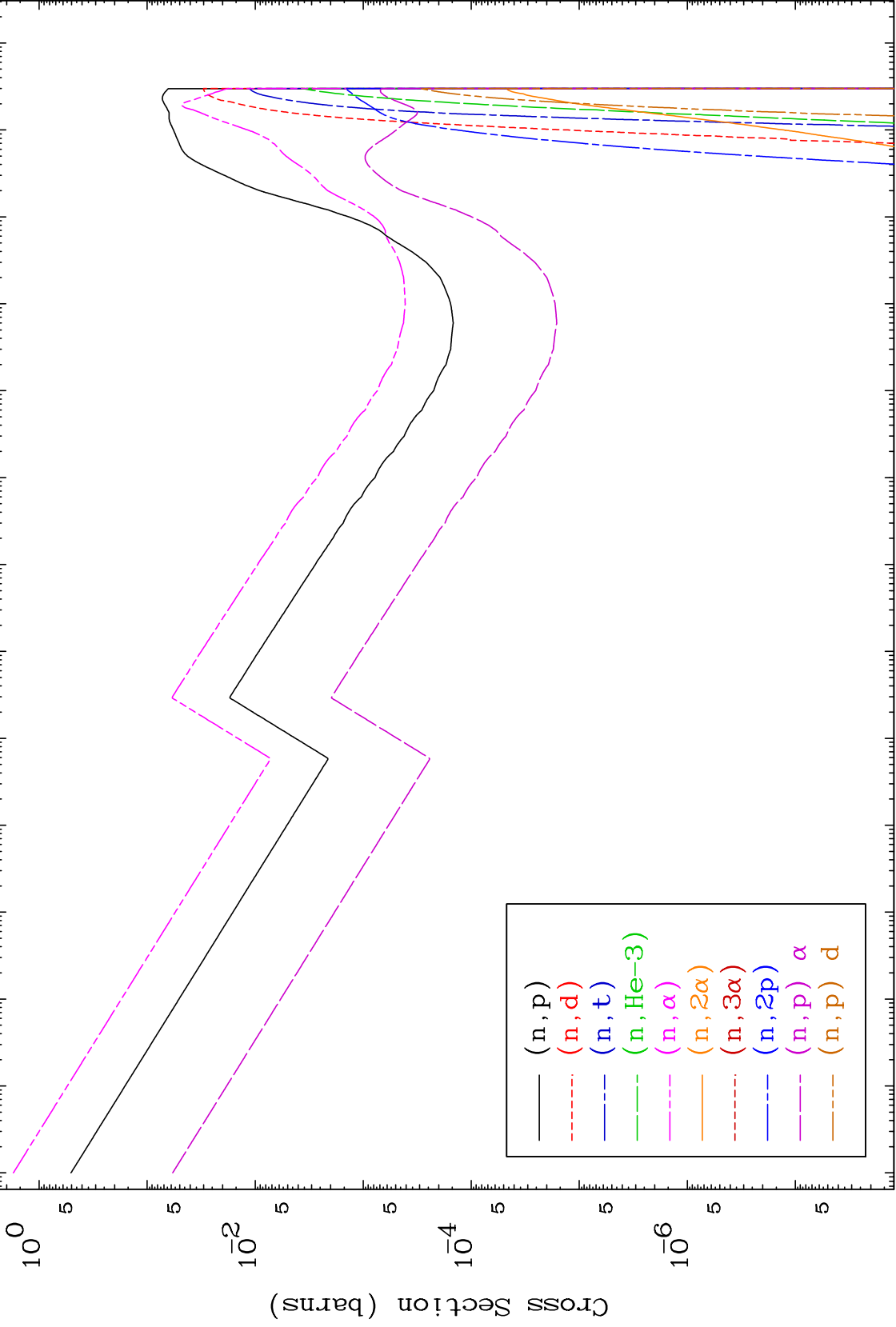
88-Ra-208



MAT 8780

Charged Particle
293 Kelvin Cross Sections

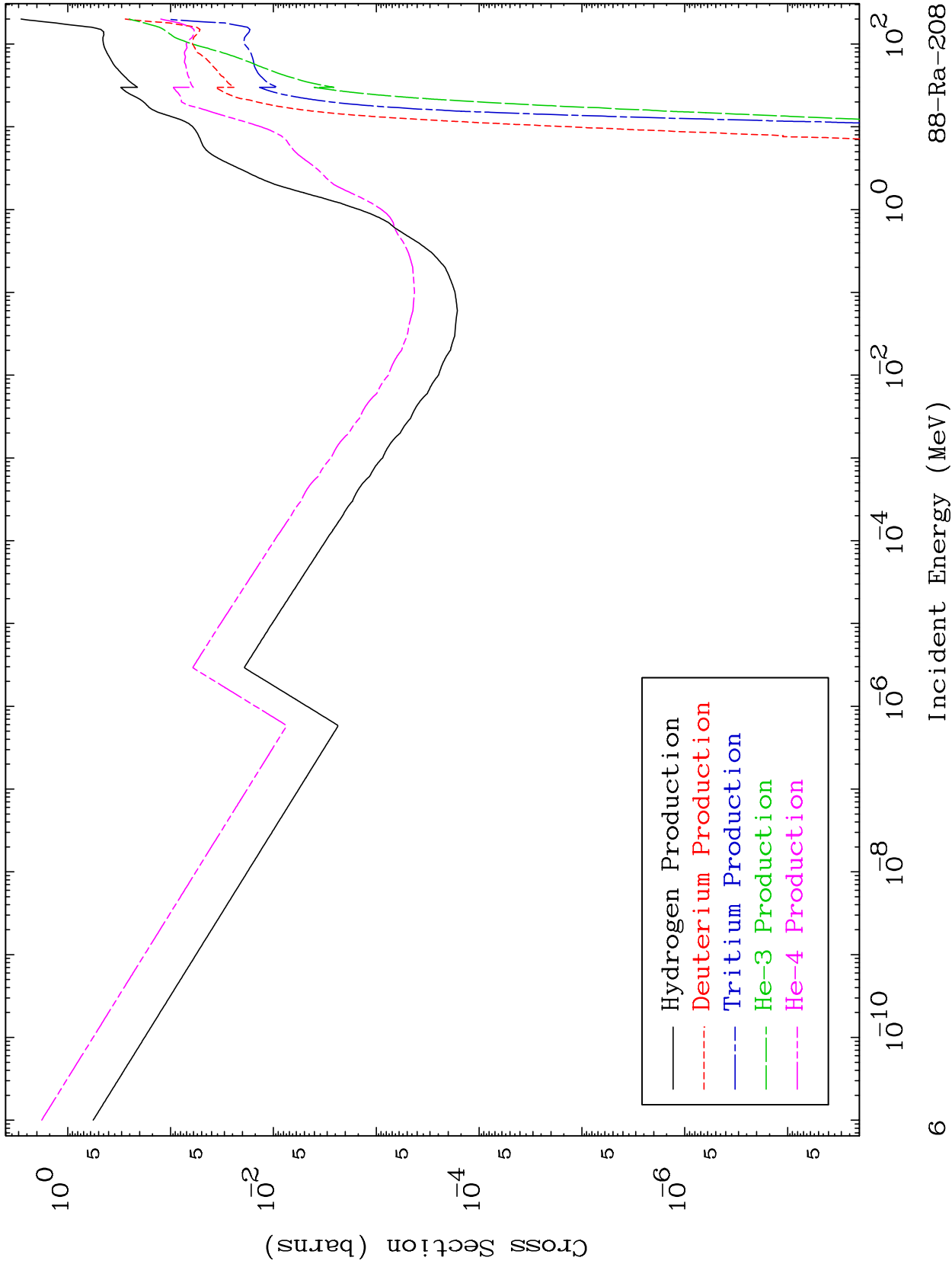
88-Ra-208



MAT 8780

Particle Production
293 Kelvin Cross Sections

88-Ra-208

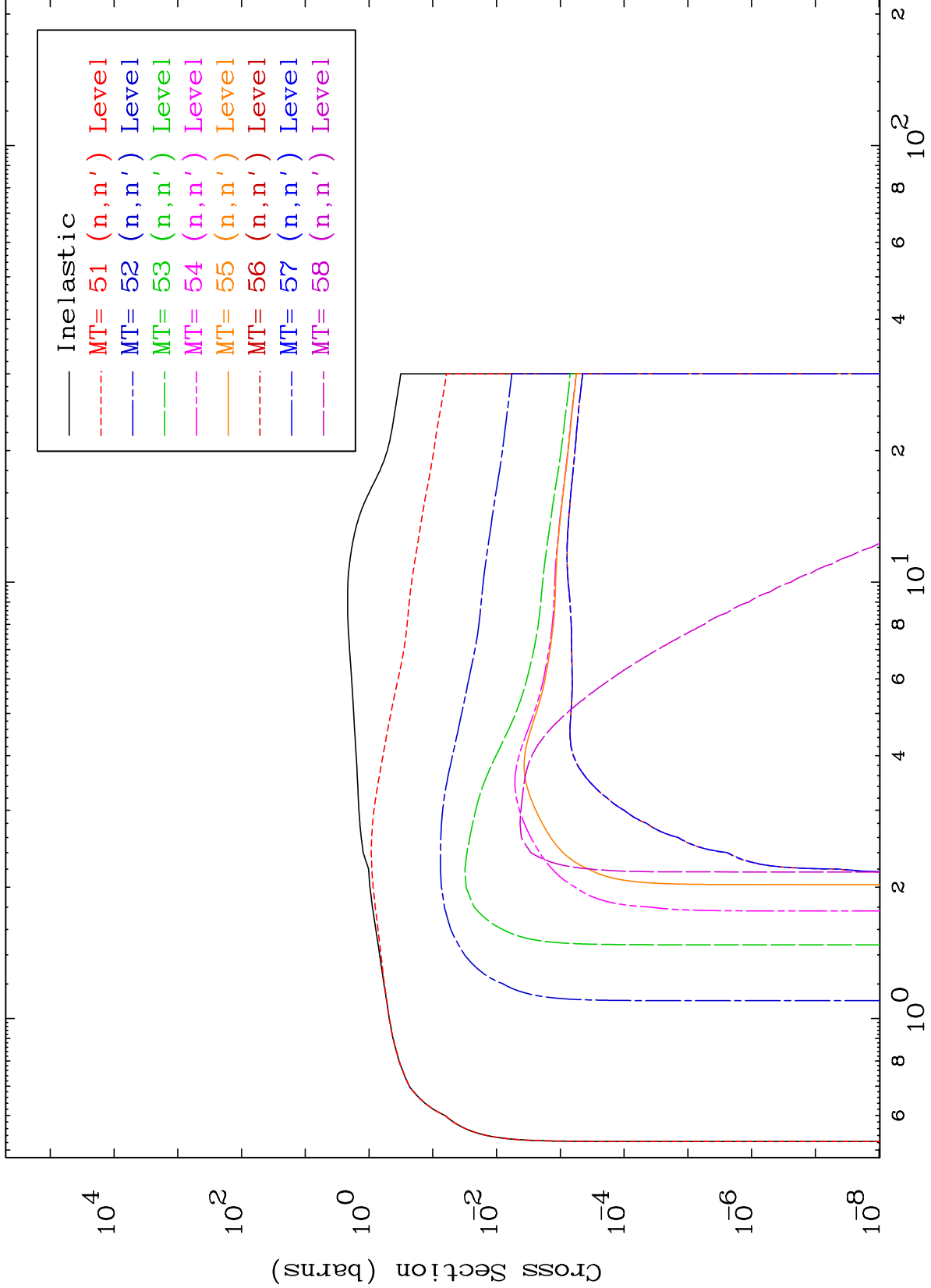


MAT 8780

(n,n') Level

88-Ra-208

293 Kelvin Cross Sections

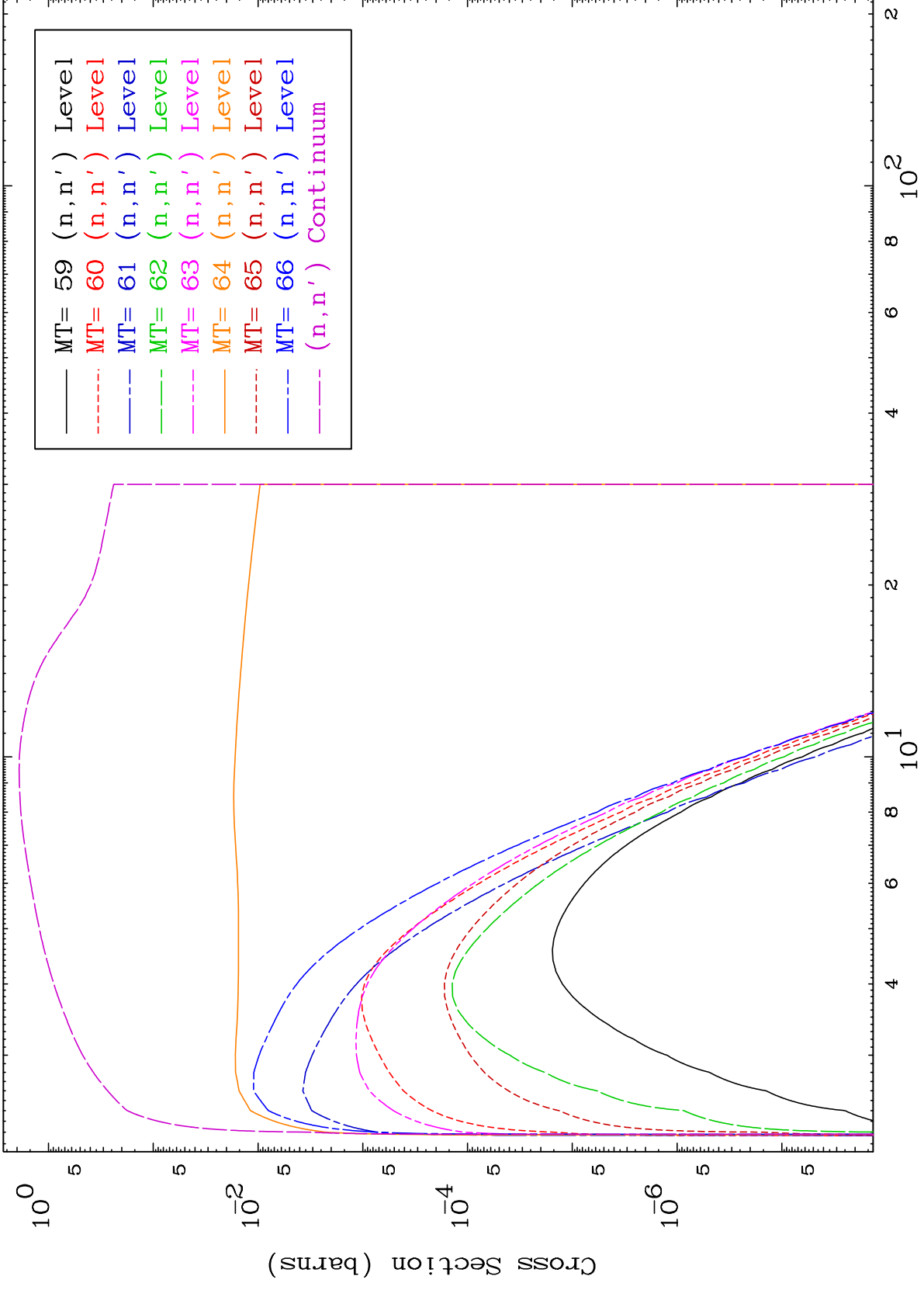


MAT 8780

(n,n') Level

88-Ra-208

293 Kelvin Cross Sections



8

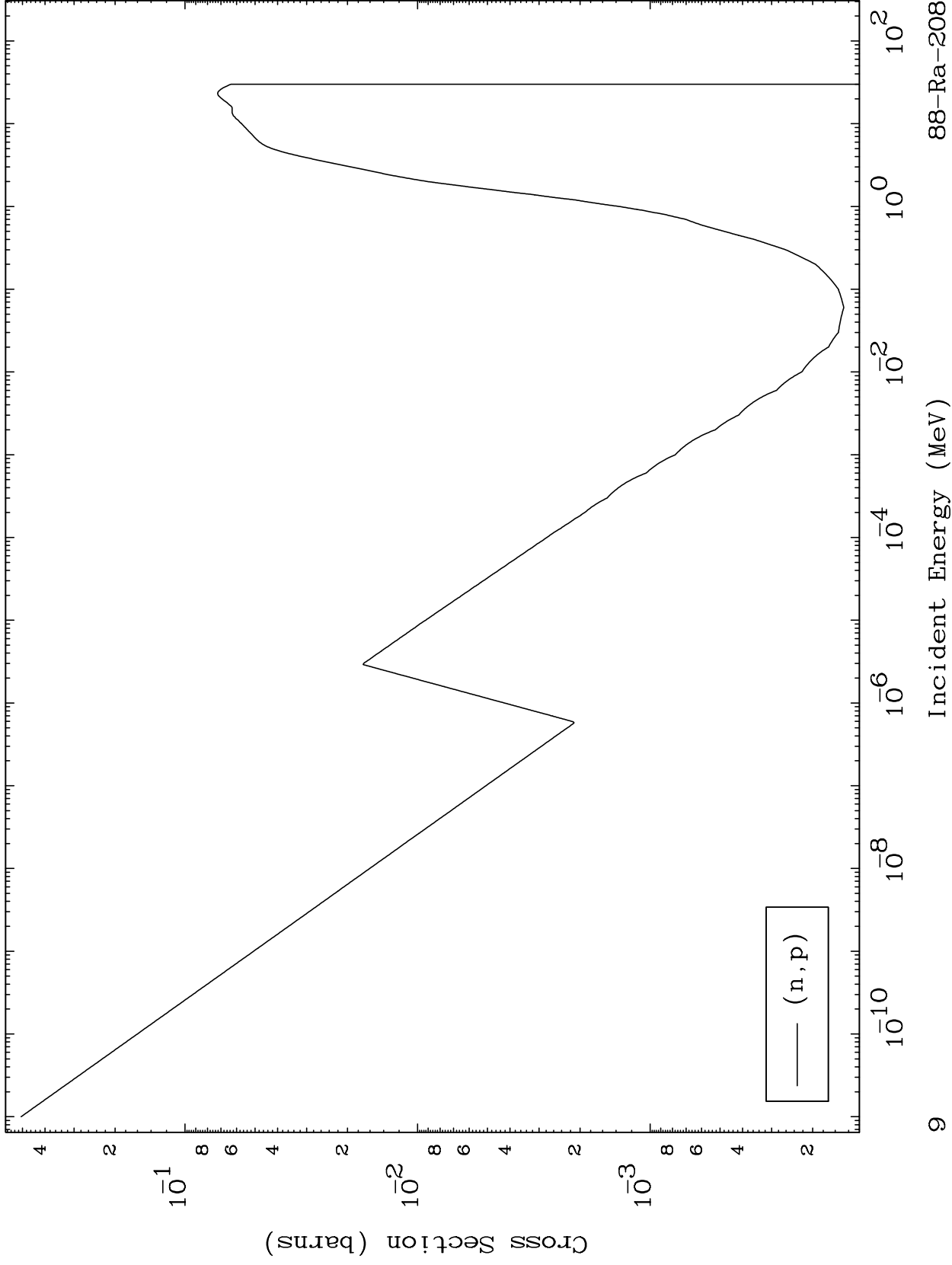
Incident Energy (MeV)

88-Ra-208

MAT 8780

(n,p) Levels
293 Kelvin Cross Sections

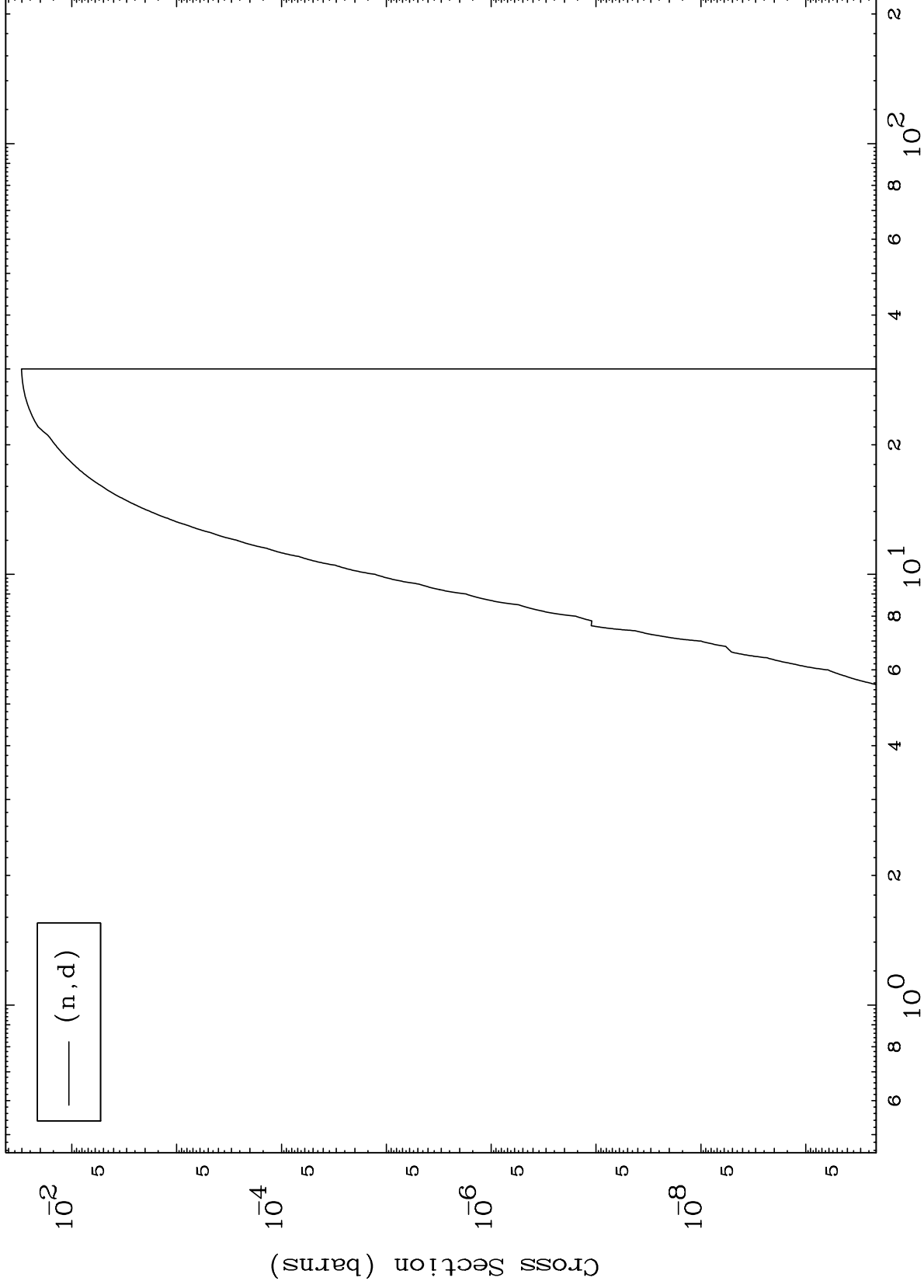
88-Ra-208



MAT 8780

(n,d) Levels
293 Kelvin Cross Sections

88-Ra-208



10

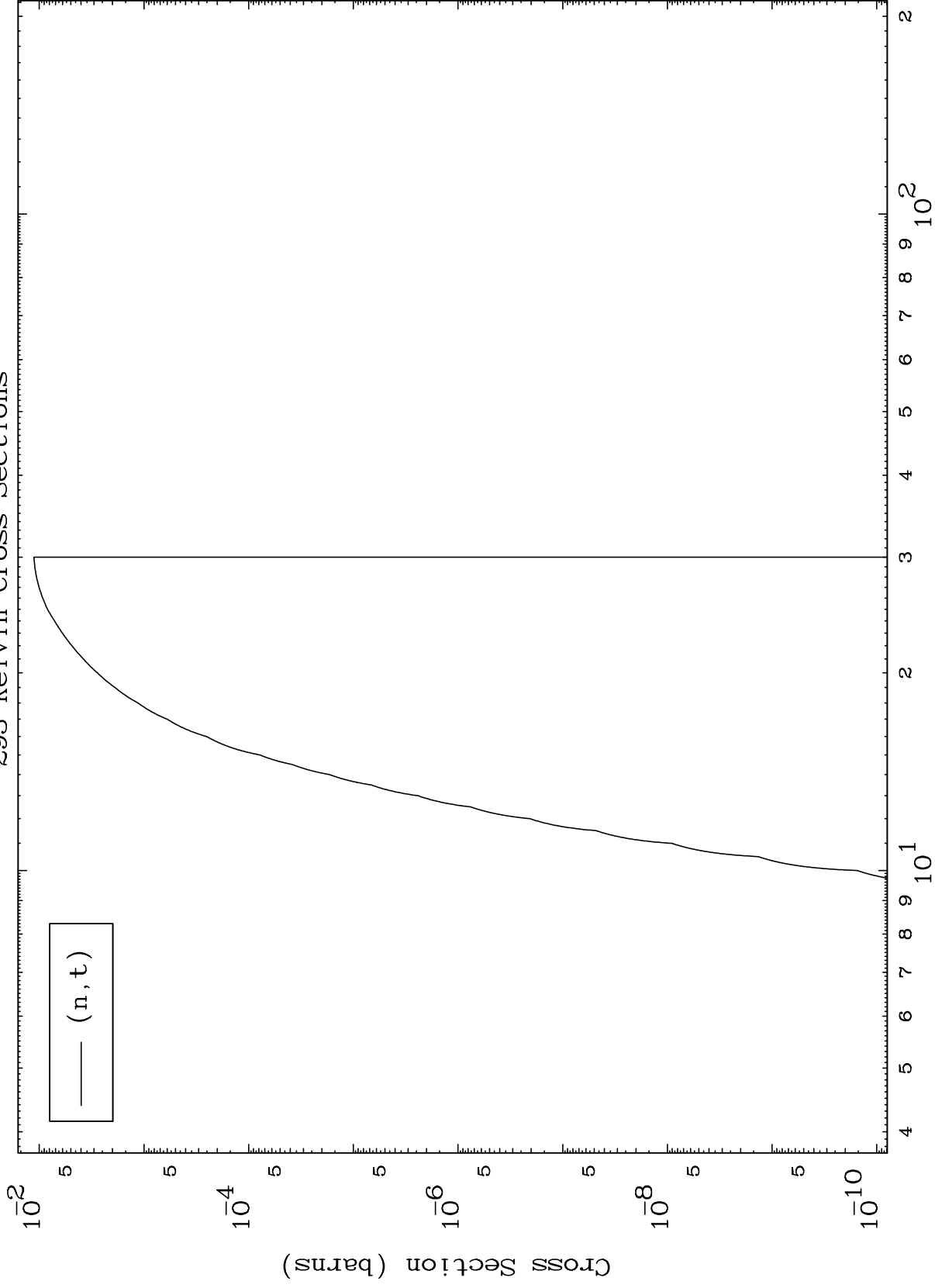
Incident Energy (MeV)

88-Ra-208

MAT 8780

(n,t) Levels
293 Kelvin Cross Sections

88-Ra-208



11

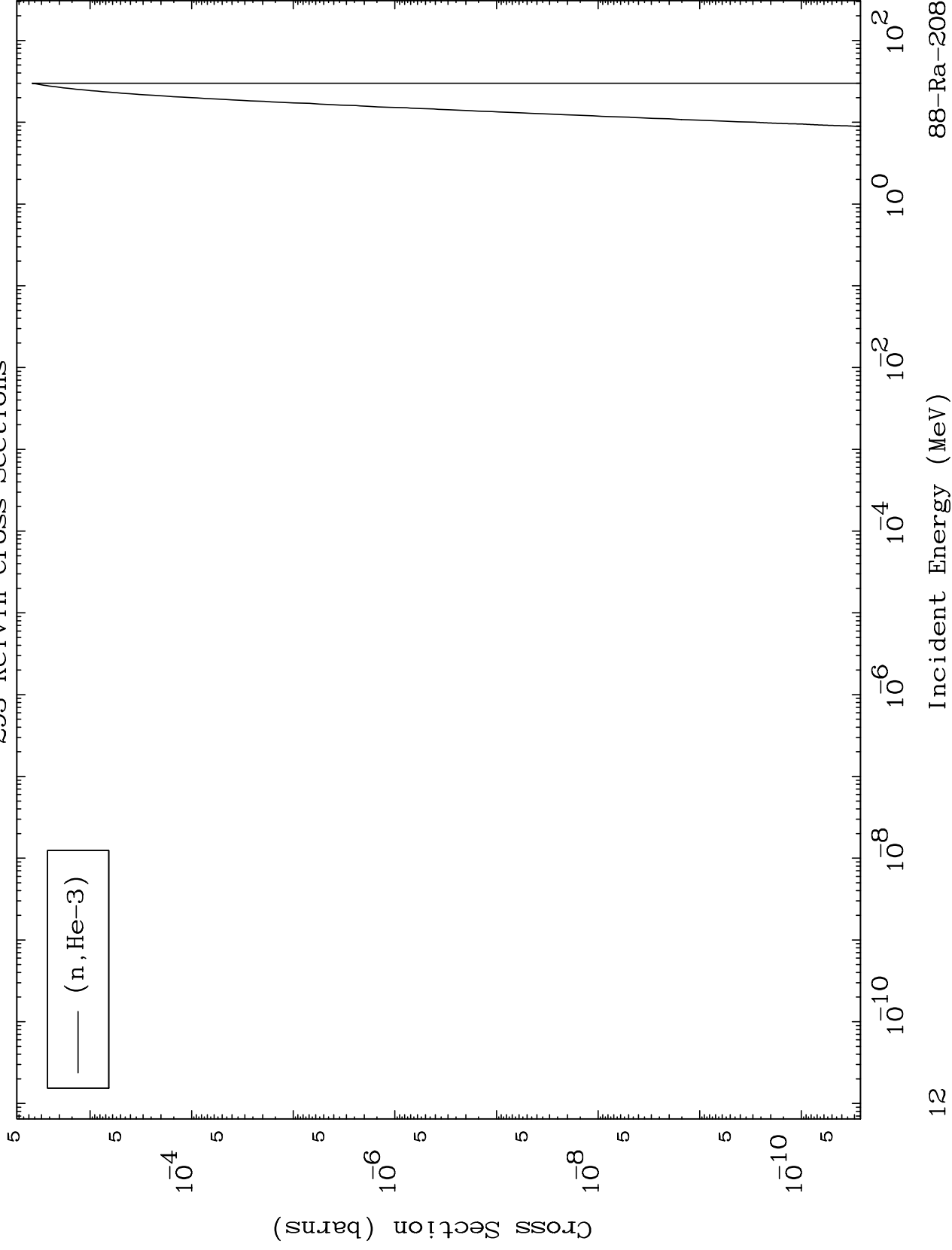
Incident Energy (MeV)

88-Ra-208

MAT 8780

(n,He3) Levels
293 Kelvin Cross Sections

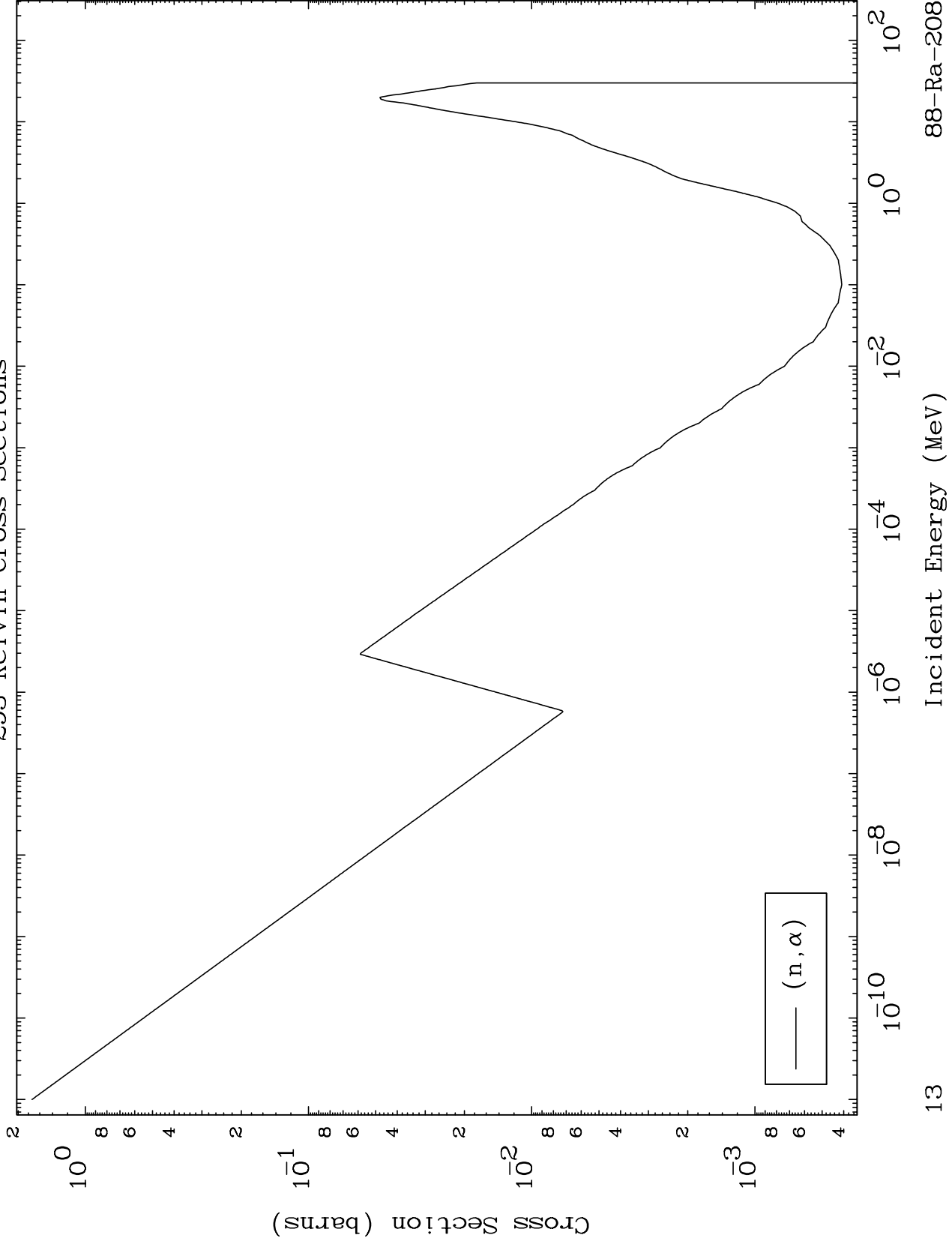
88-Ra-208

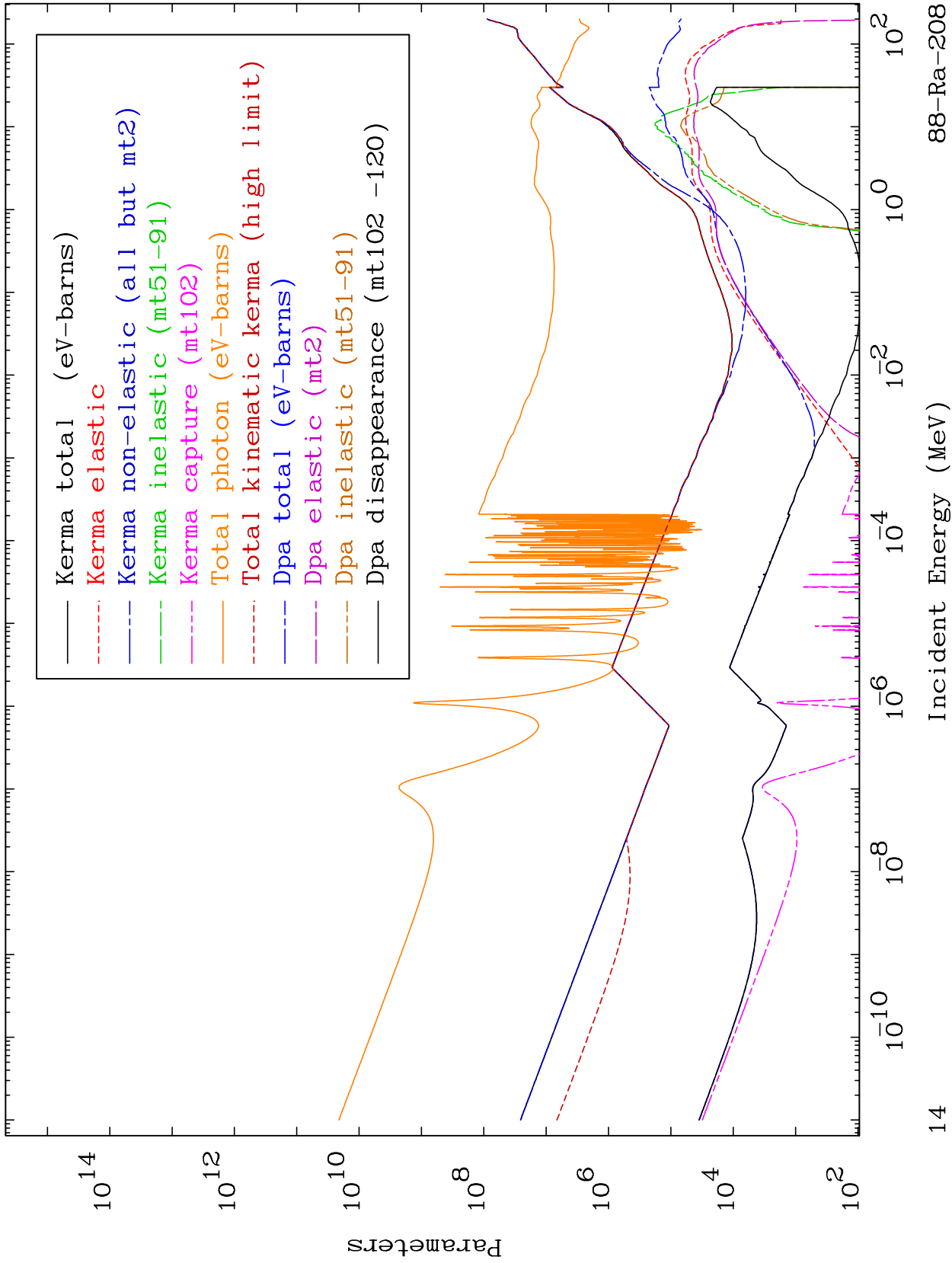


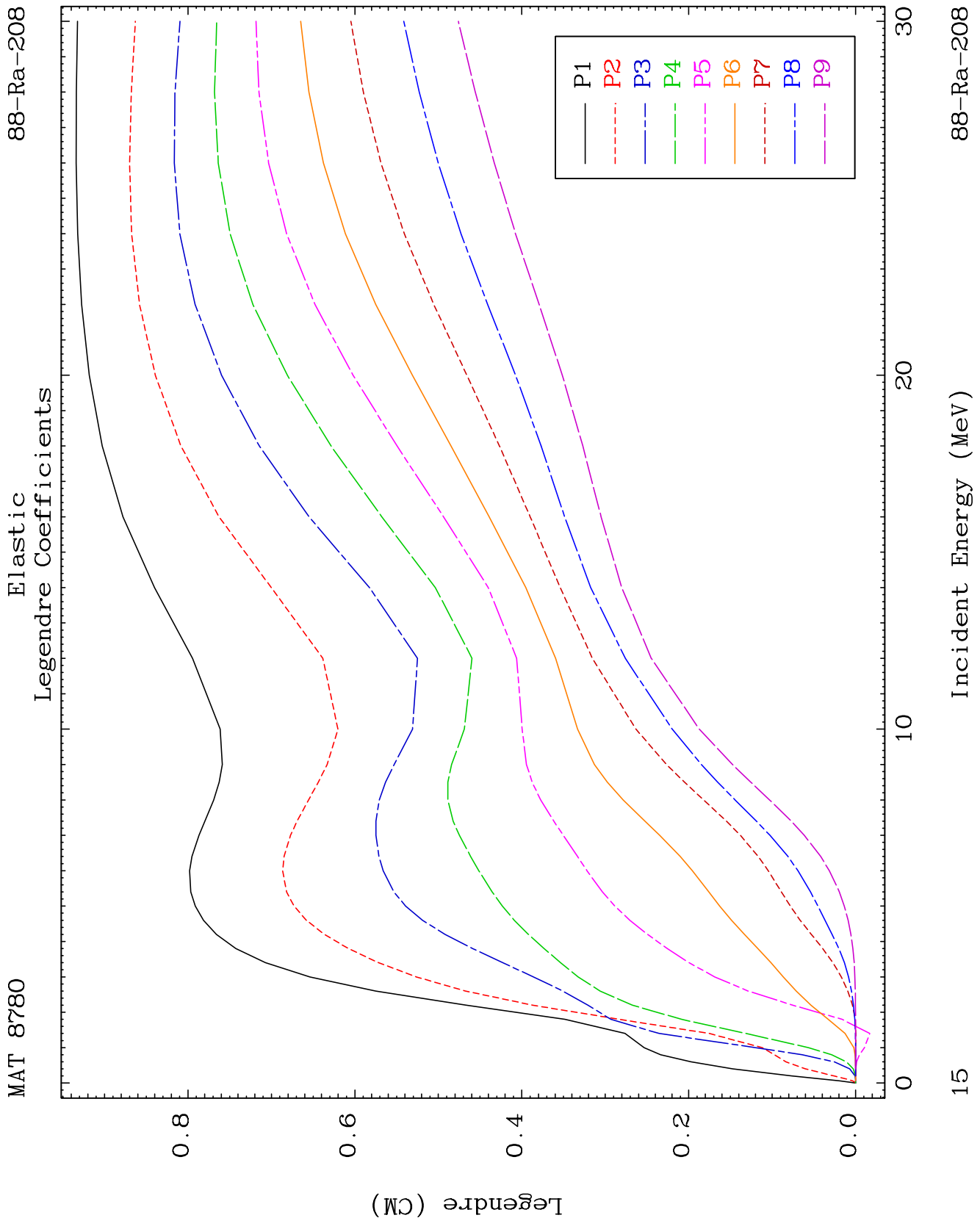
MAT 8780

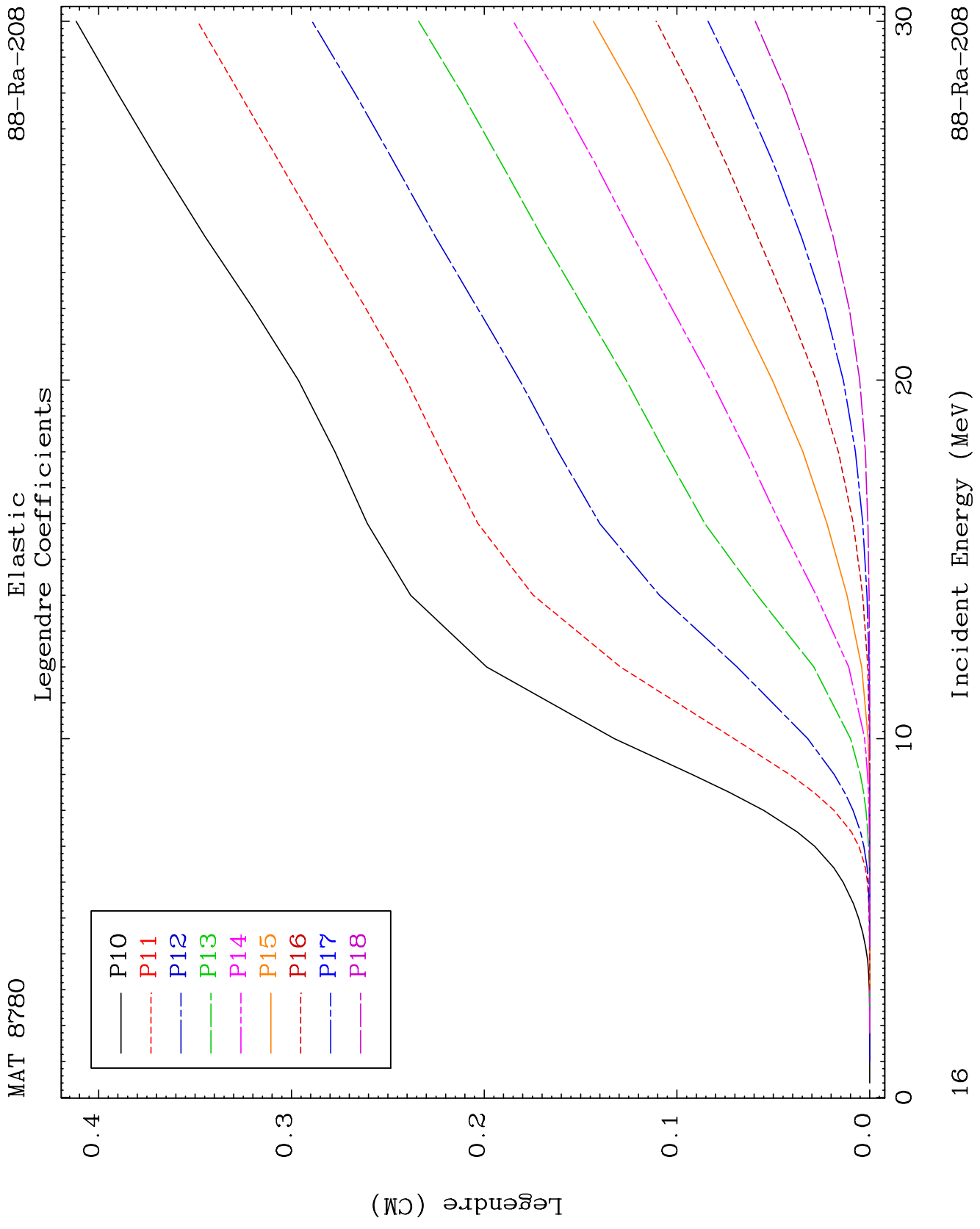
(n, α) Levels
293 Kelvin Cross Sections

88-Ra-208





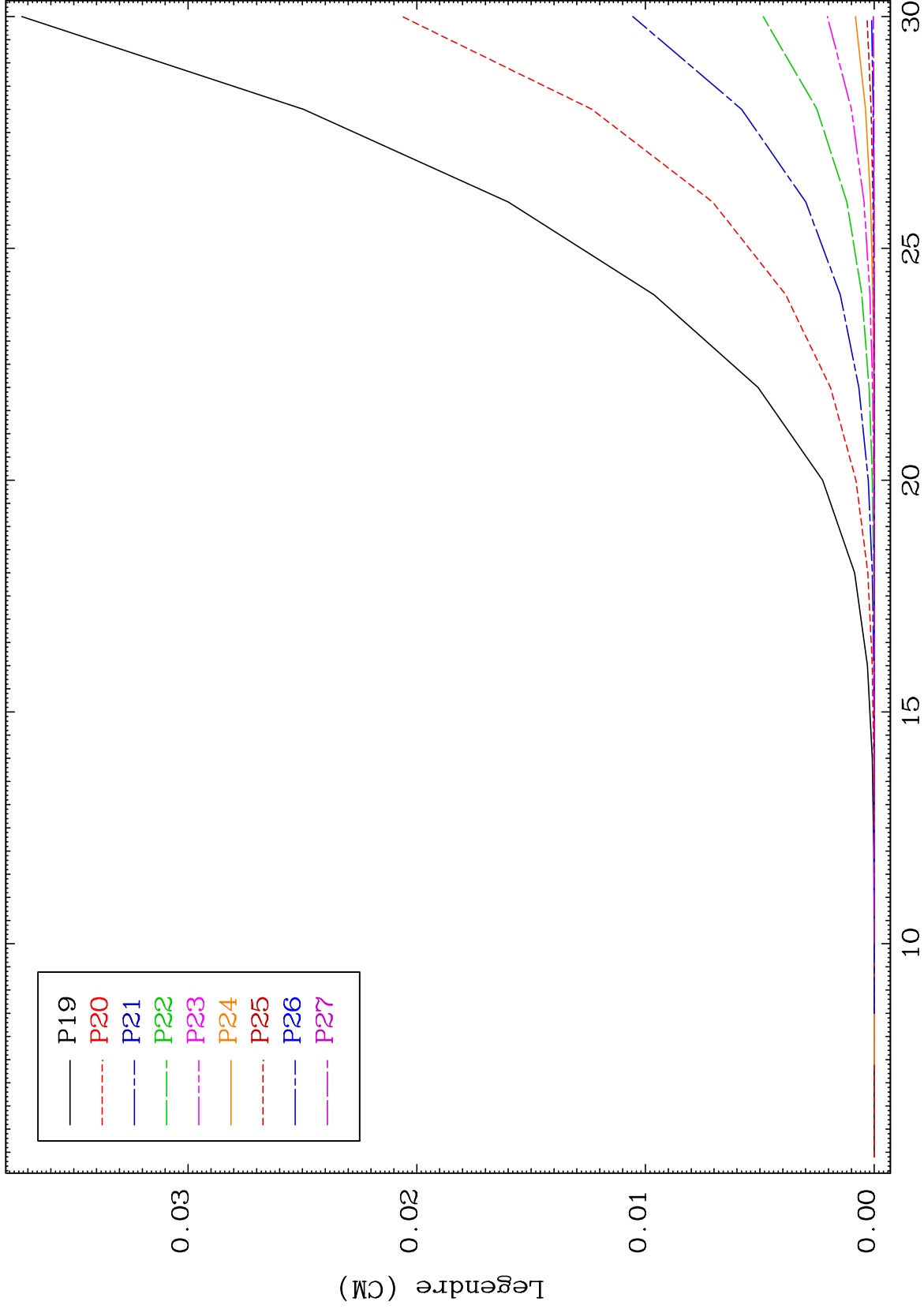




MAT 8780

Elastic Legendre Coefficients

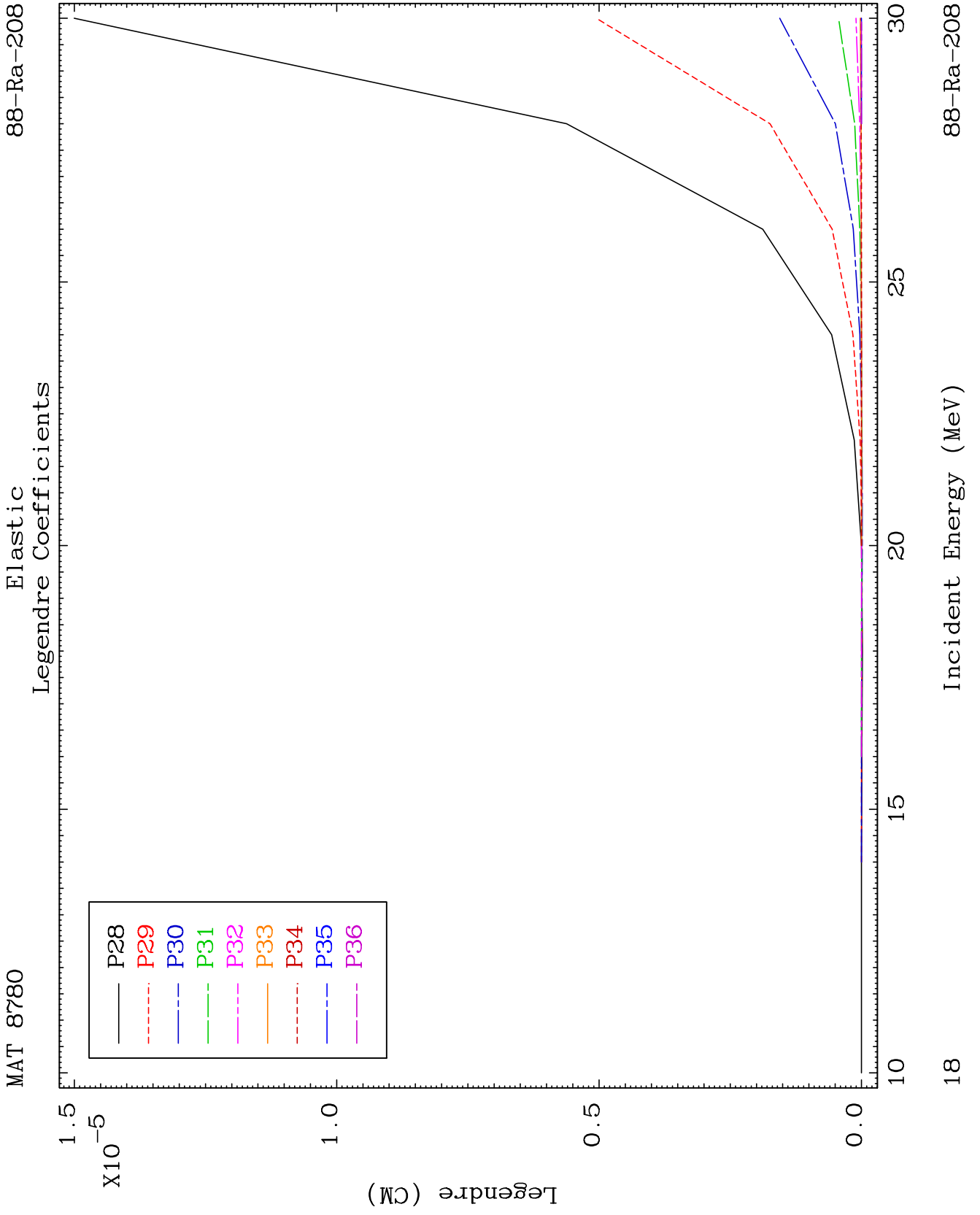
88-Ra-208



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Incident Energy (MeV)

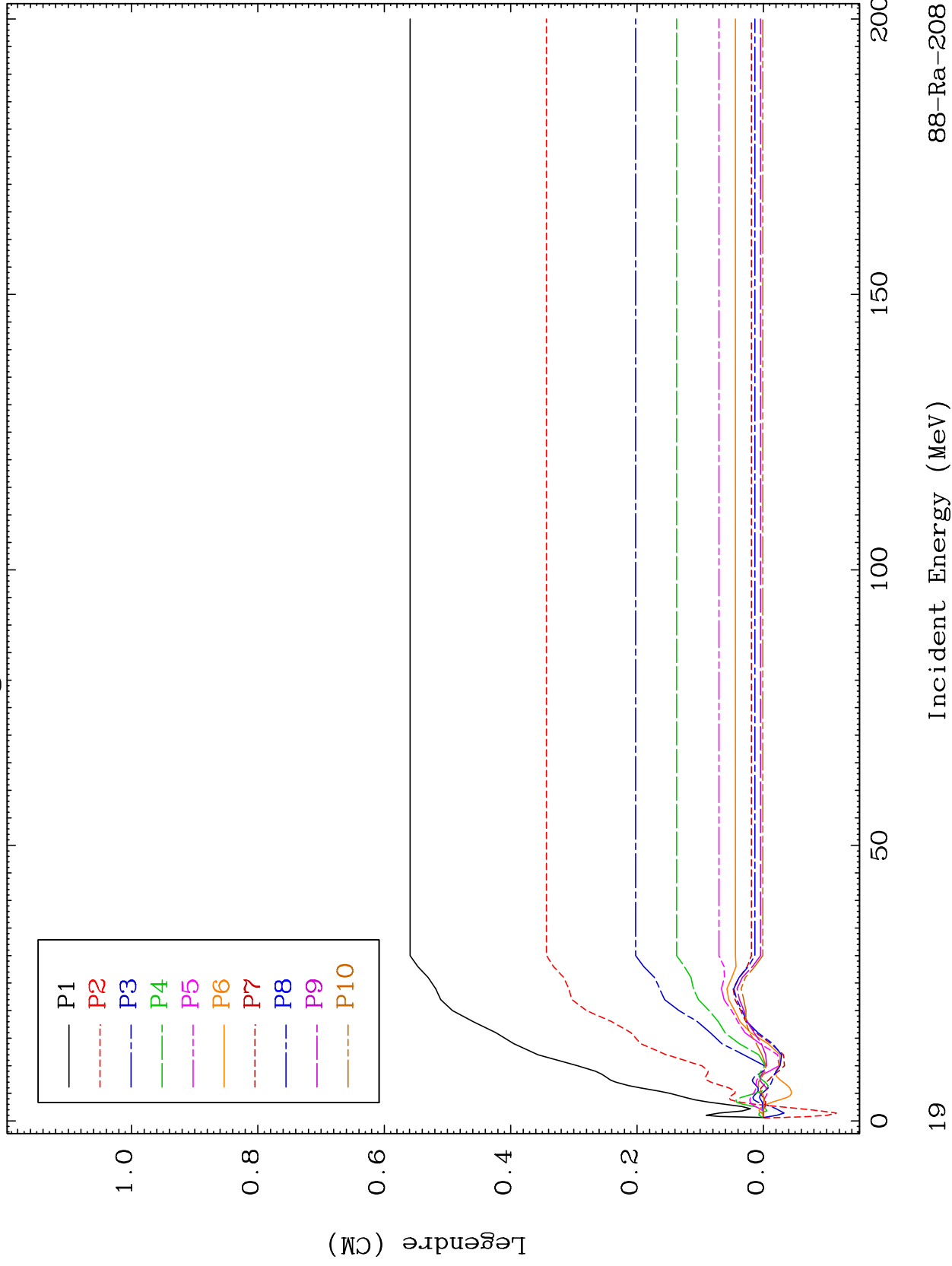
88-Ra-208



MAT 8780

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

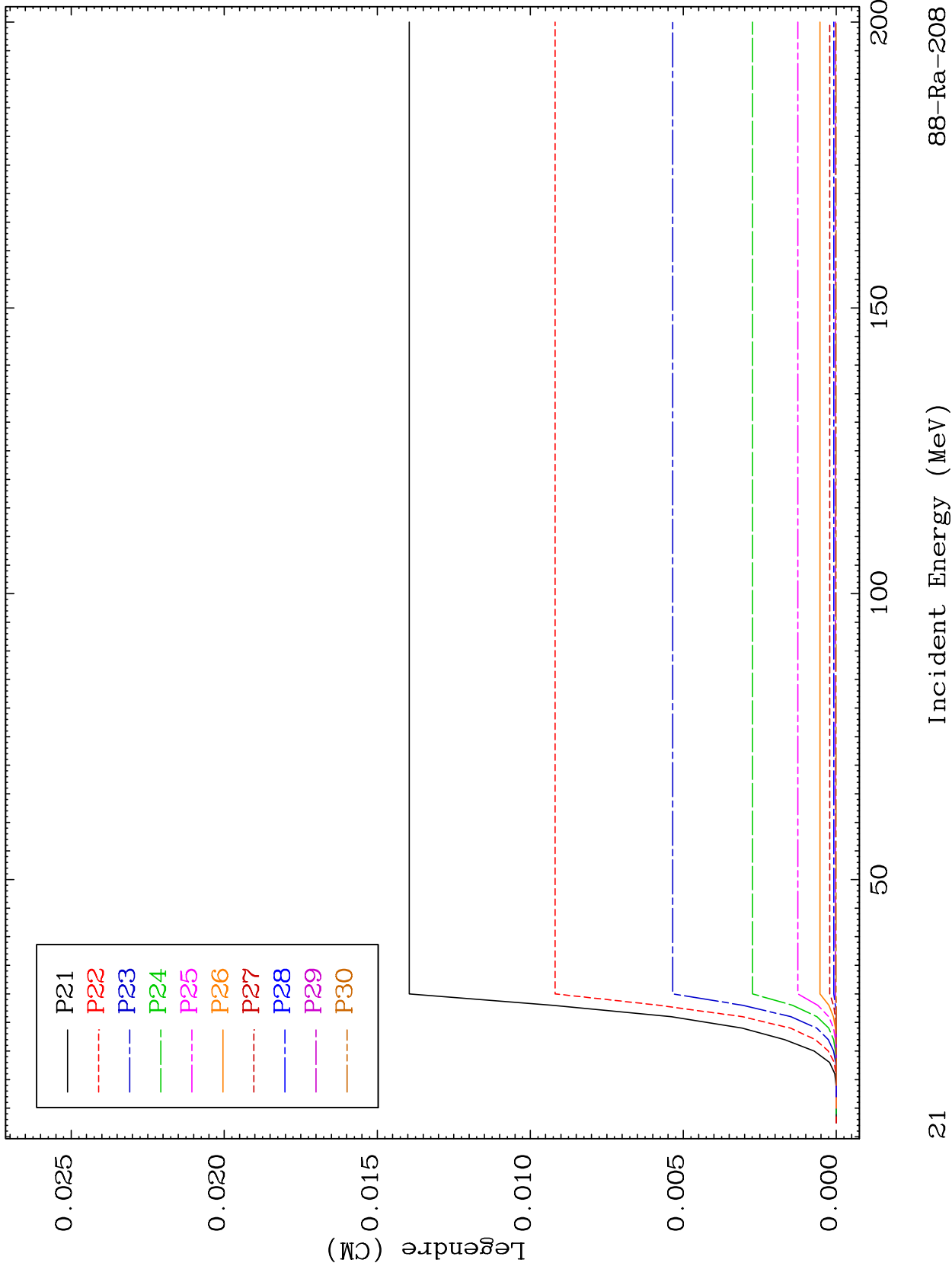
88-Ra-208



MAT 8780

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

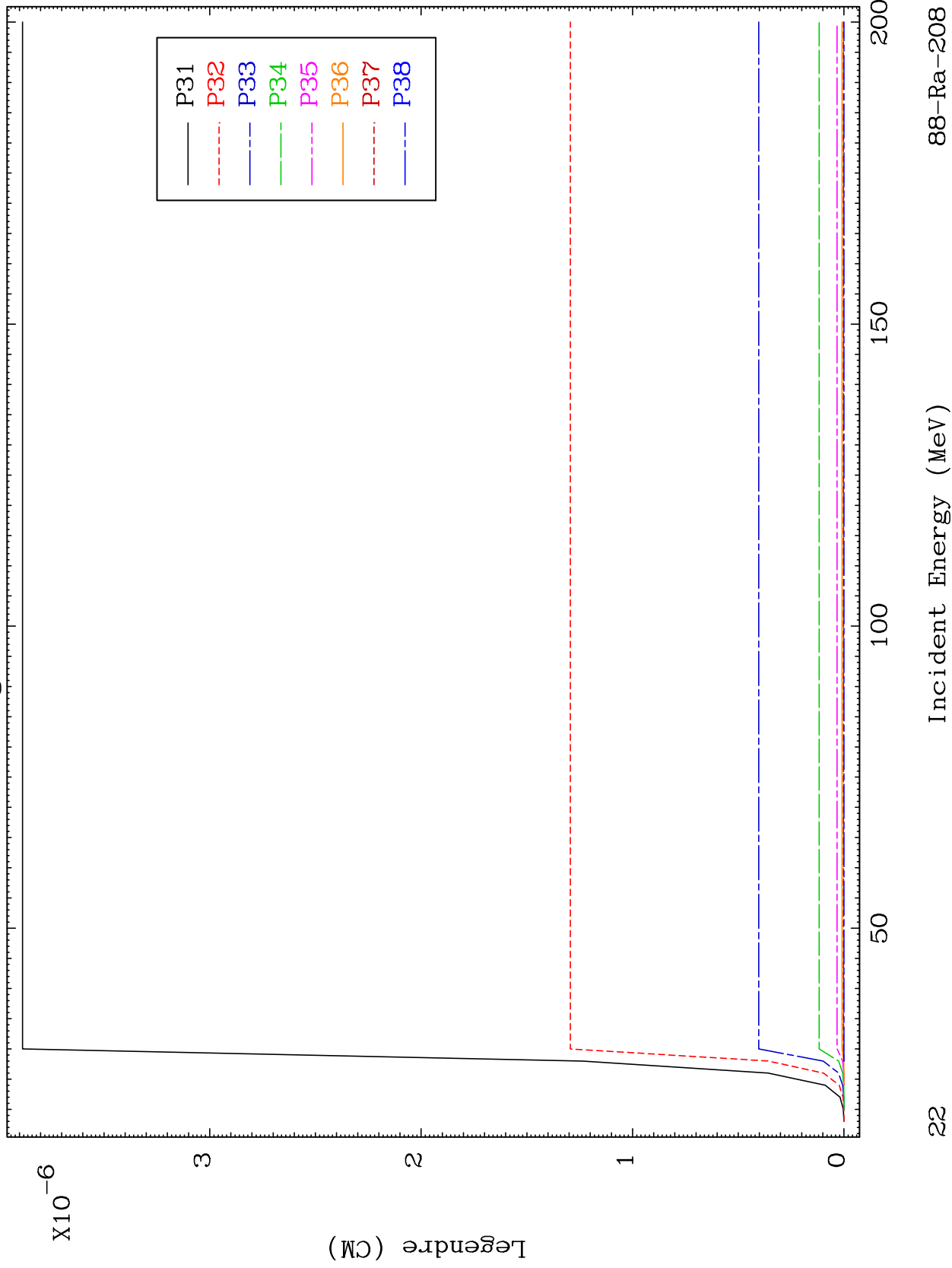
88-Ra-208



MAT 8780

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

88-Ra-208



22

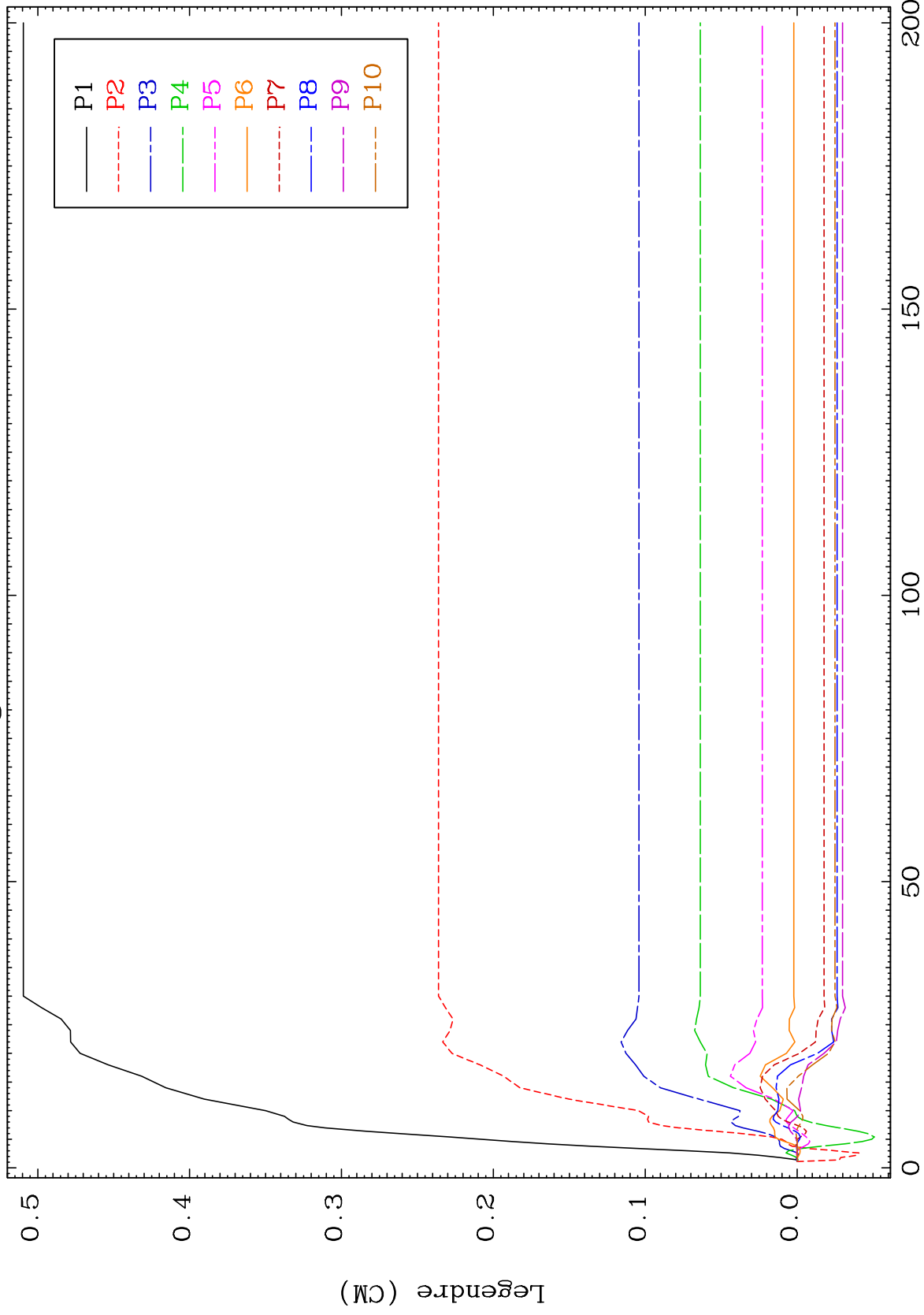
Incident Energy (MeV)

88-Ra-208

MAT 8780

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

88-Ra-208



23

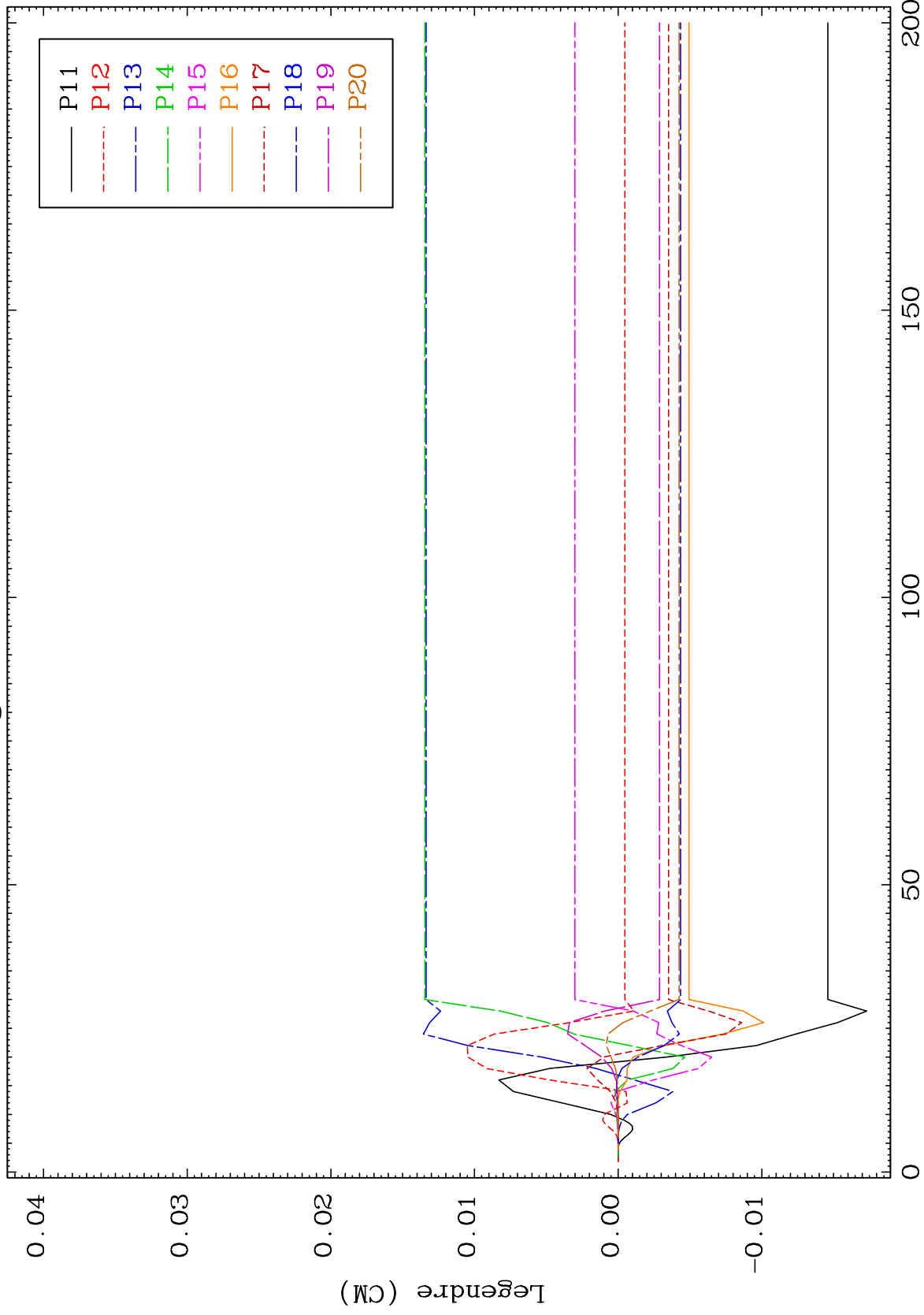
Incident Energy (MeV)

88-Ra-208

MAT 8780

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

88-Ra-208



24

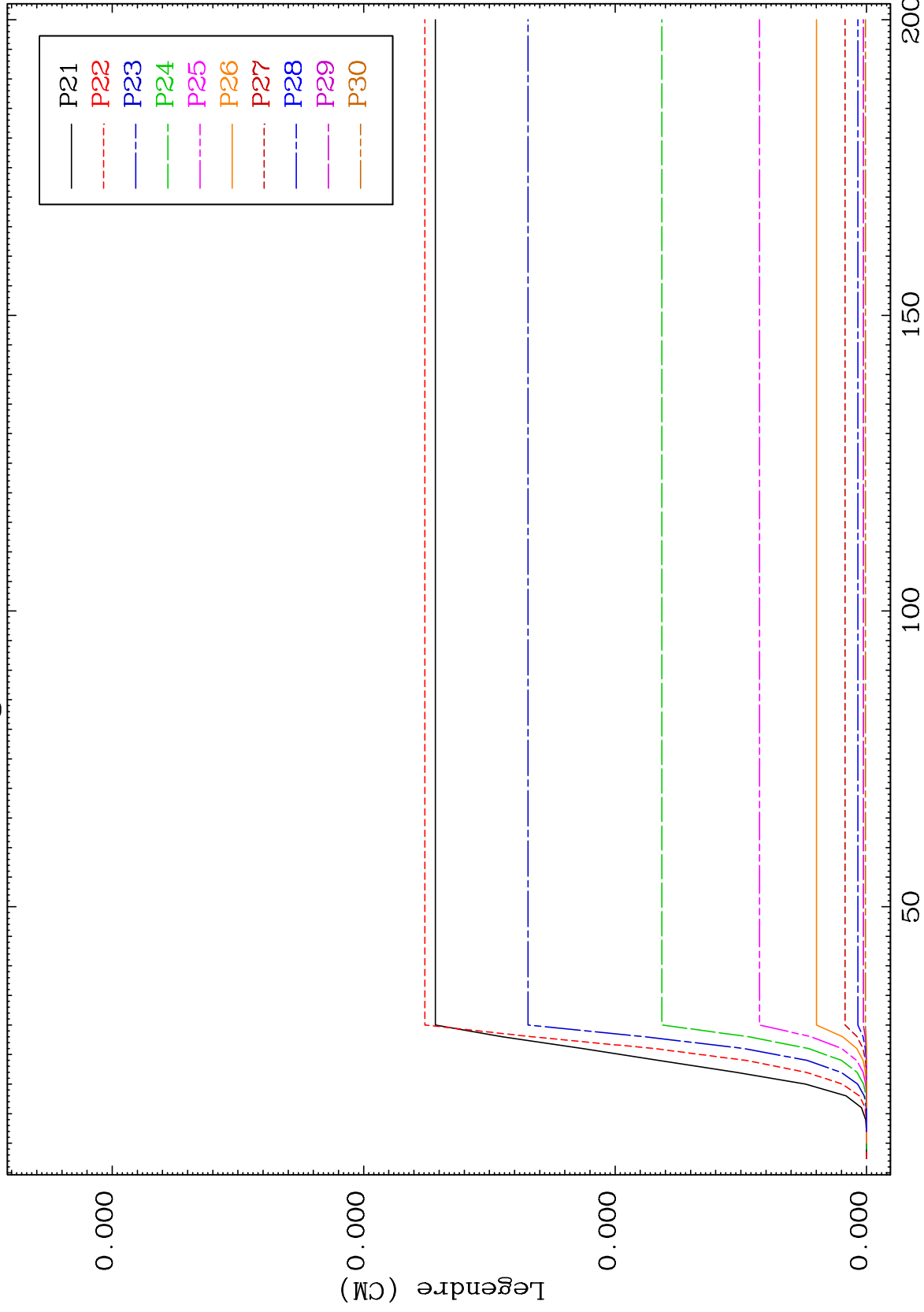
Incident Energy (MeV)

88-Ra-208

MAT 8780

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

88-Ra-208



25

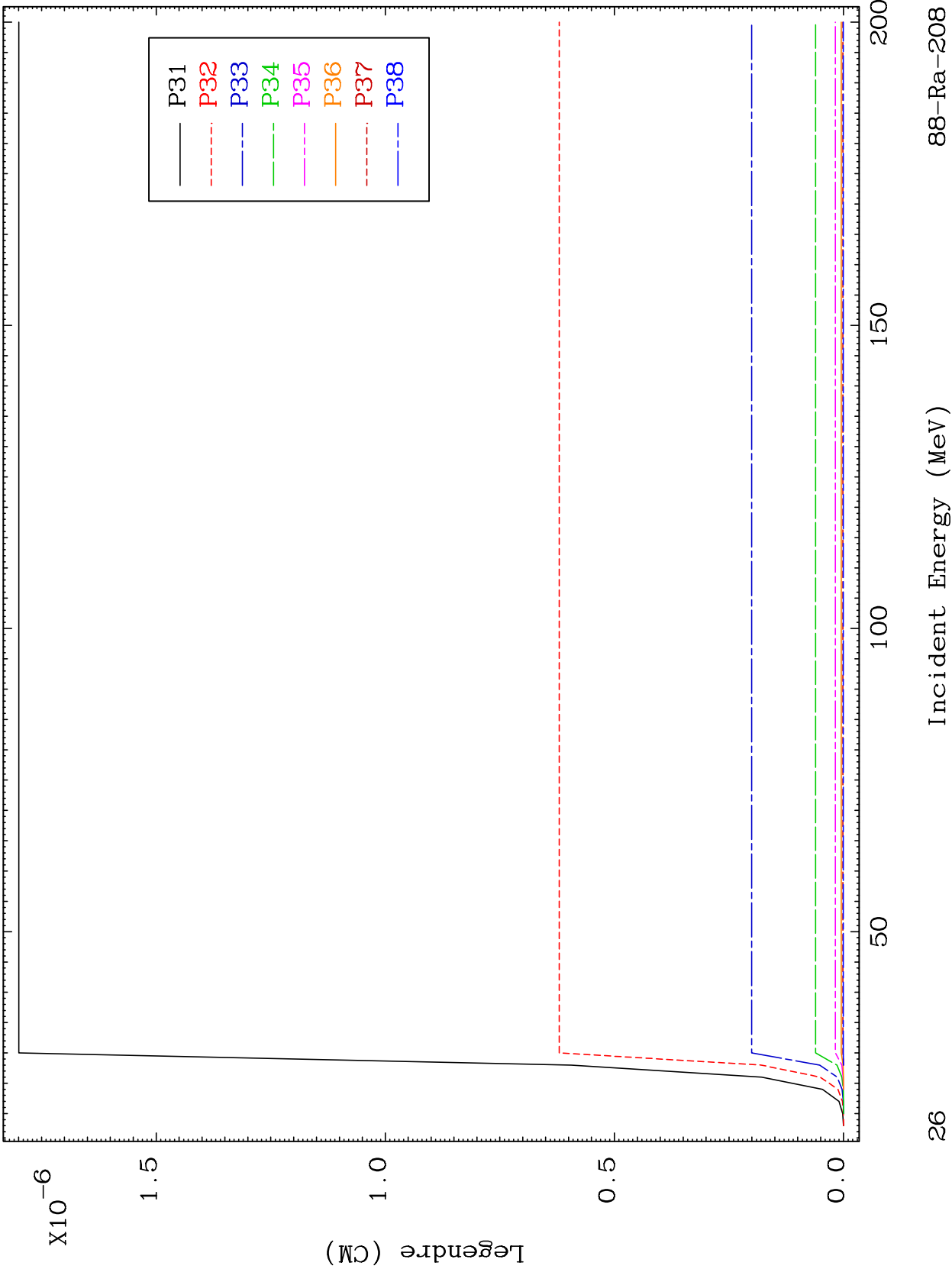
Incident Energy (MeV)

88-Ra-208

MAT 8780

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

88-Ra-208



26

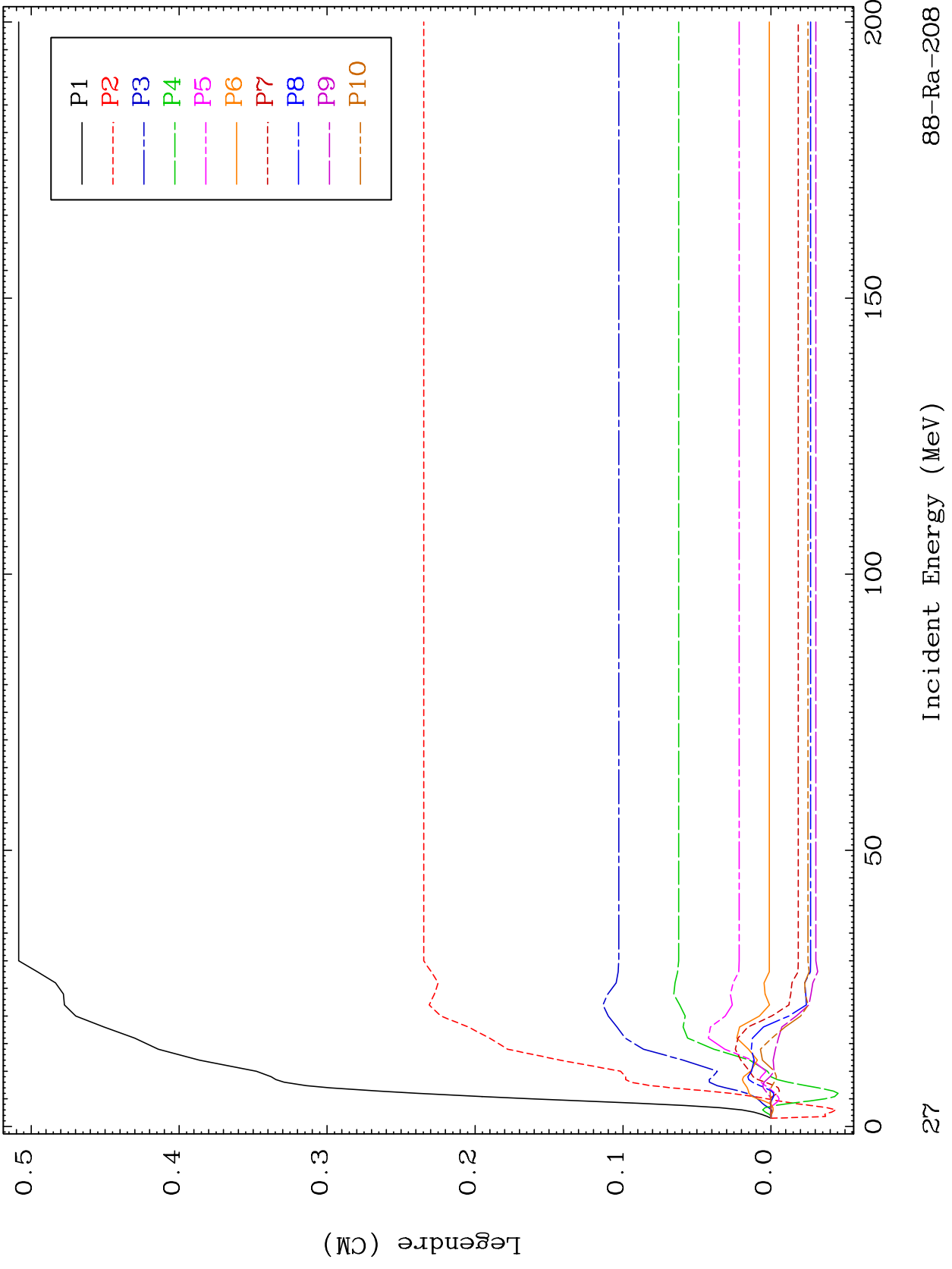
Incident Energy (MeV)

88-Ra-208

MAT 8780

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

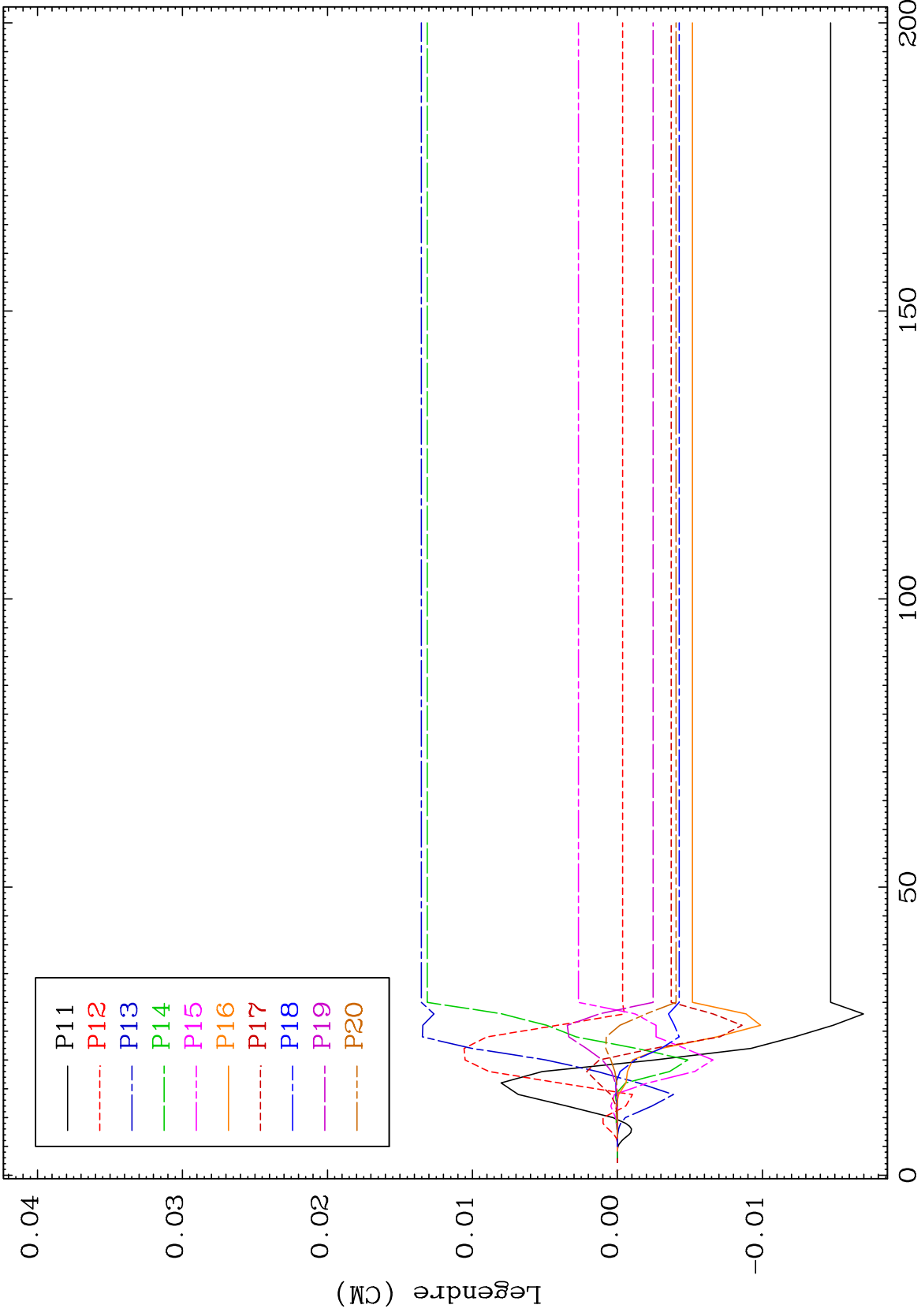
88-Ra-208



MAT 8780

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

88-Ra-208



28

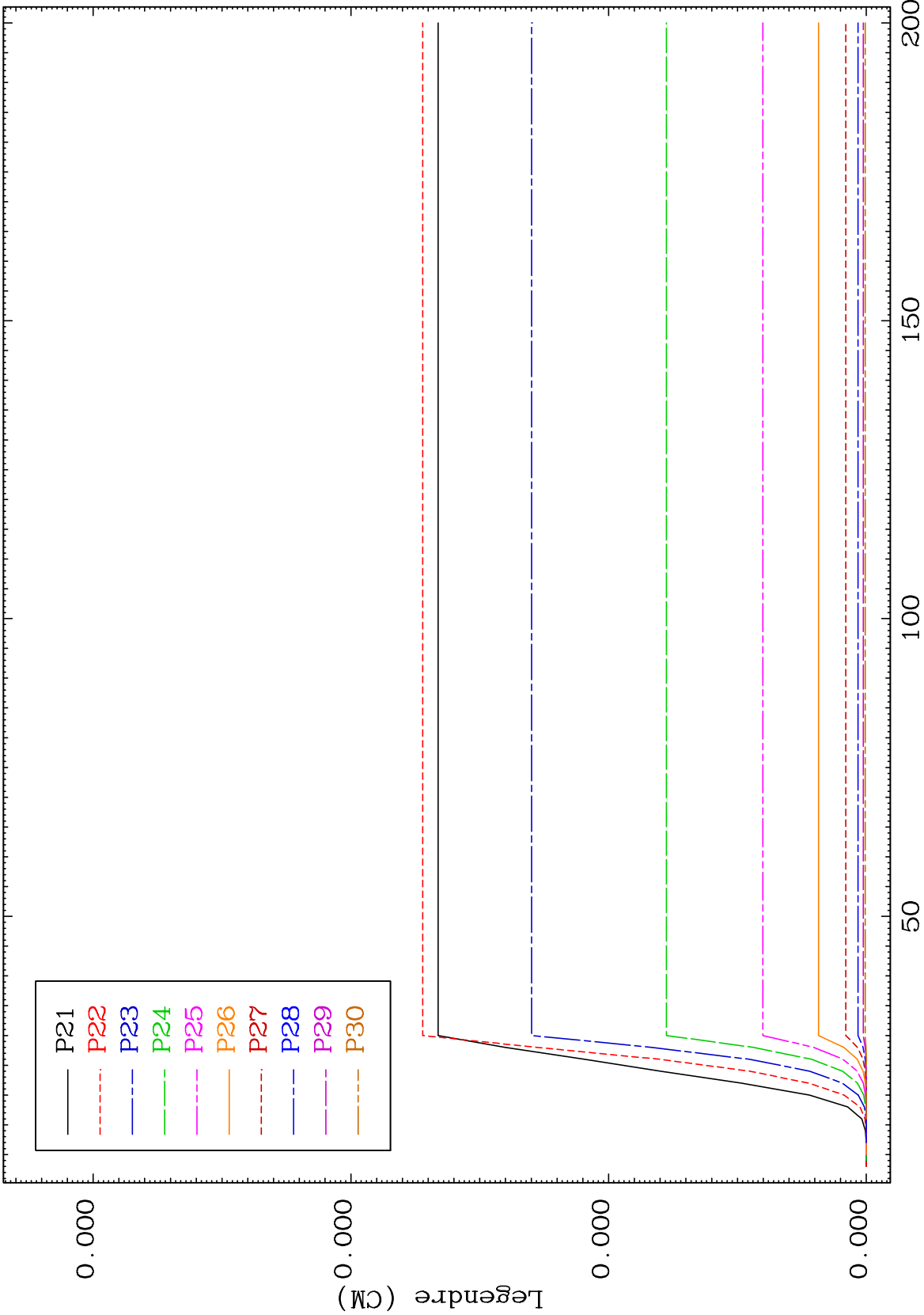
Incident Energy (MeV)

88-Ra-208

MAT 8780

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

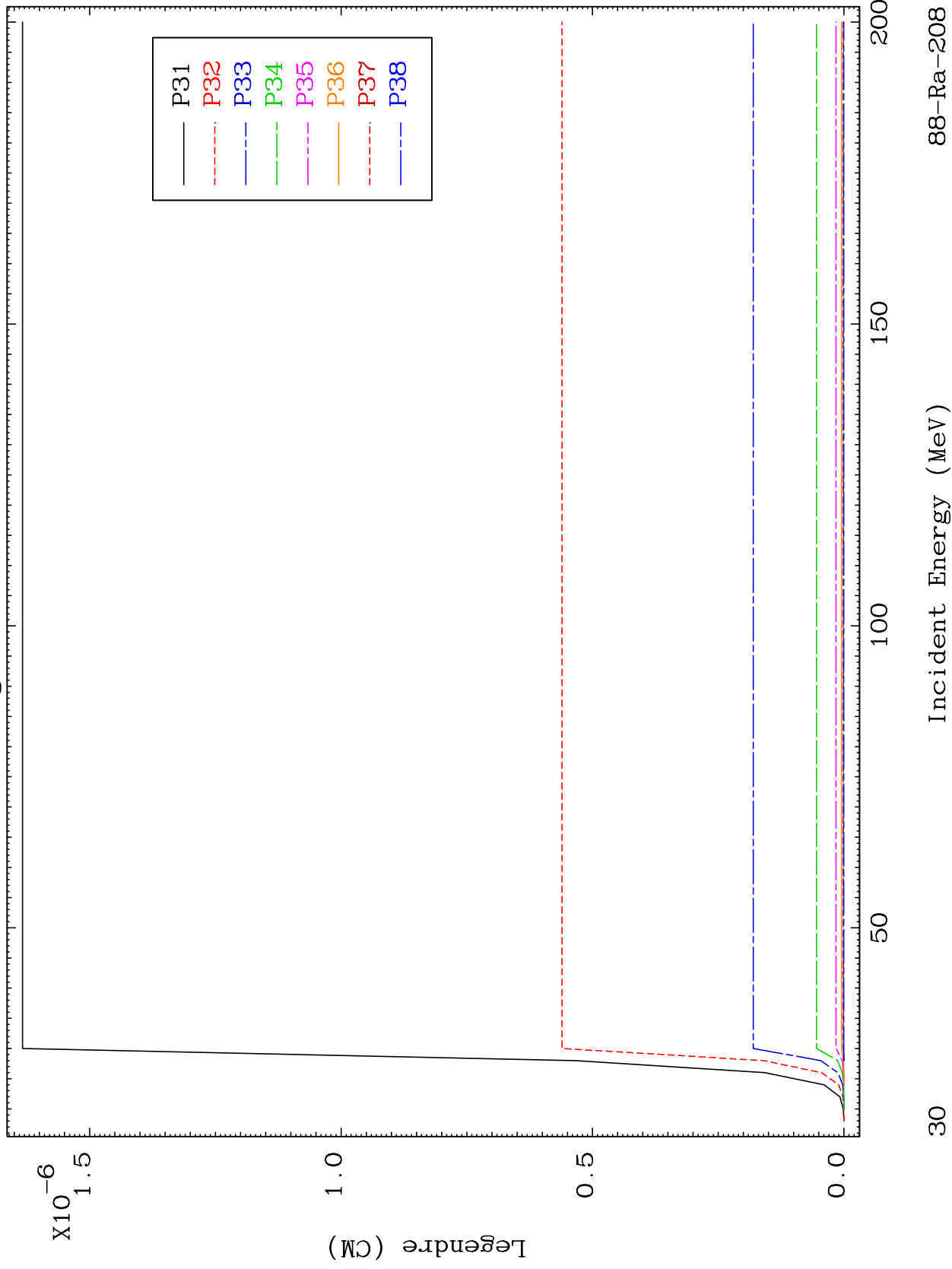
88-Ra-208



MAT 8780

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

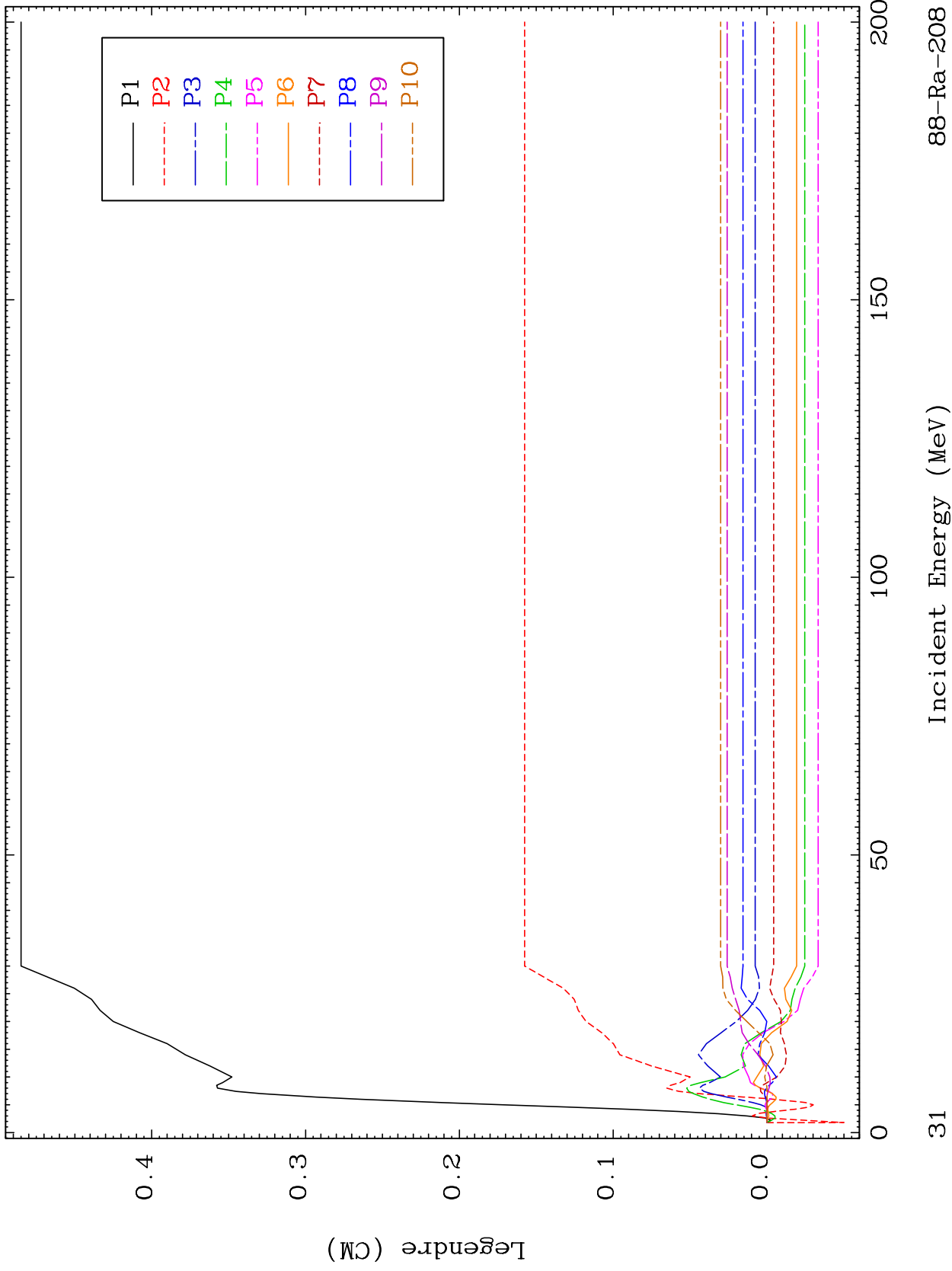
88-Ra-208



MAT 8780

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

88-Ra-208



31

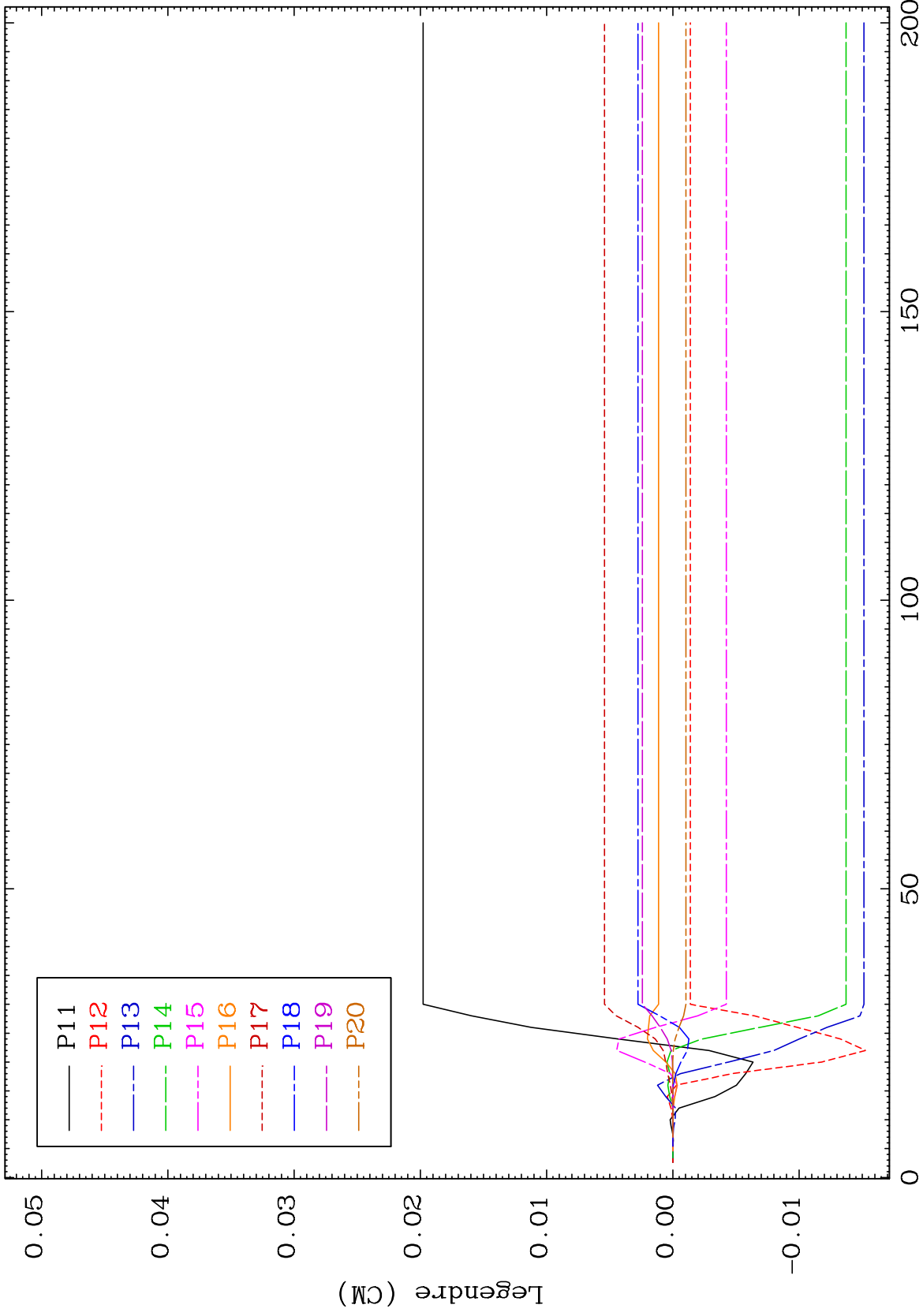
Incident Energy (MeV)

88-Ra-208

MAT 8780

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

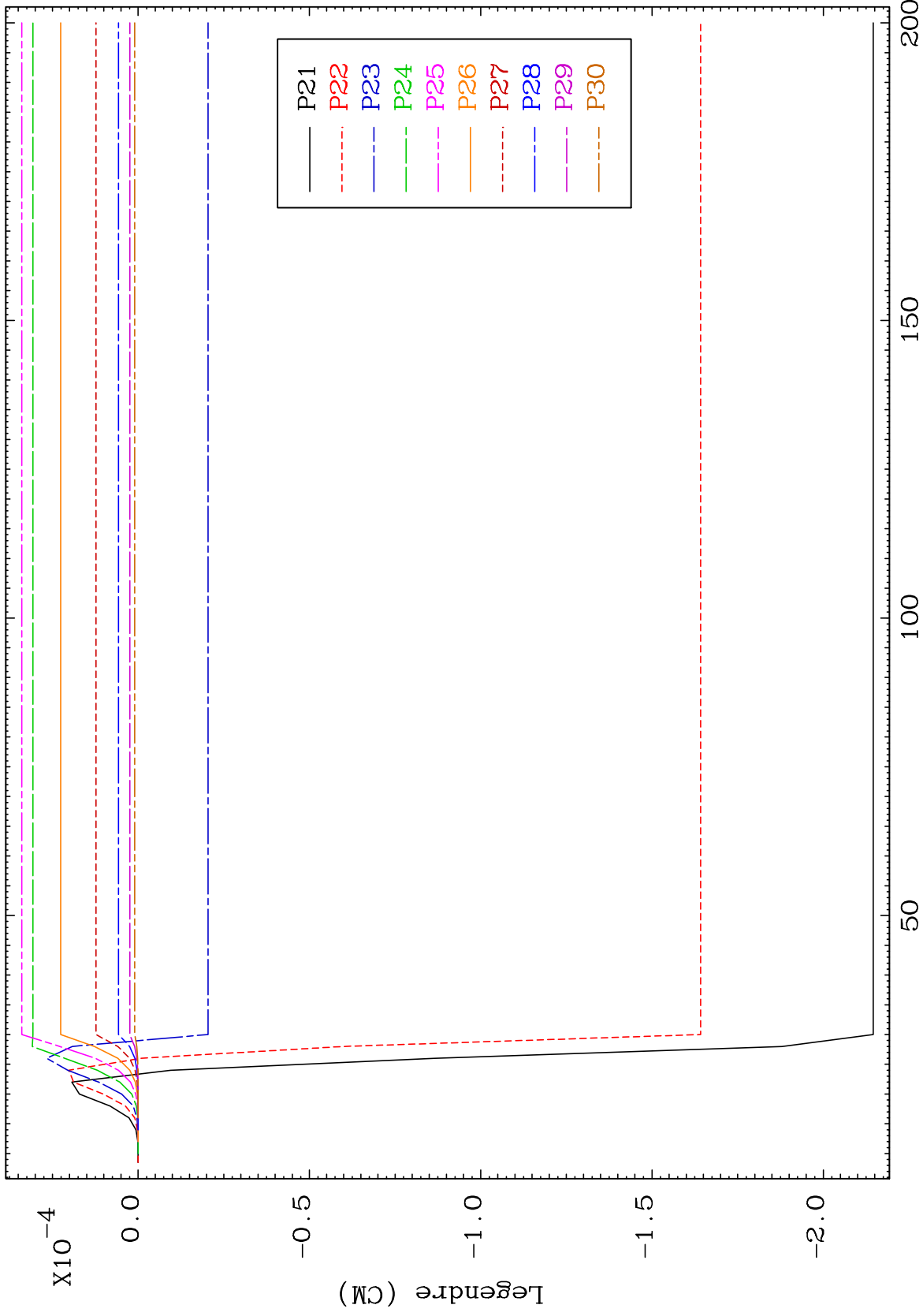
88-Ra-208



32

Incident Energy (MeV)

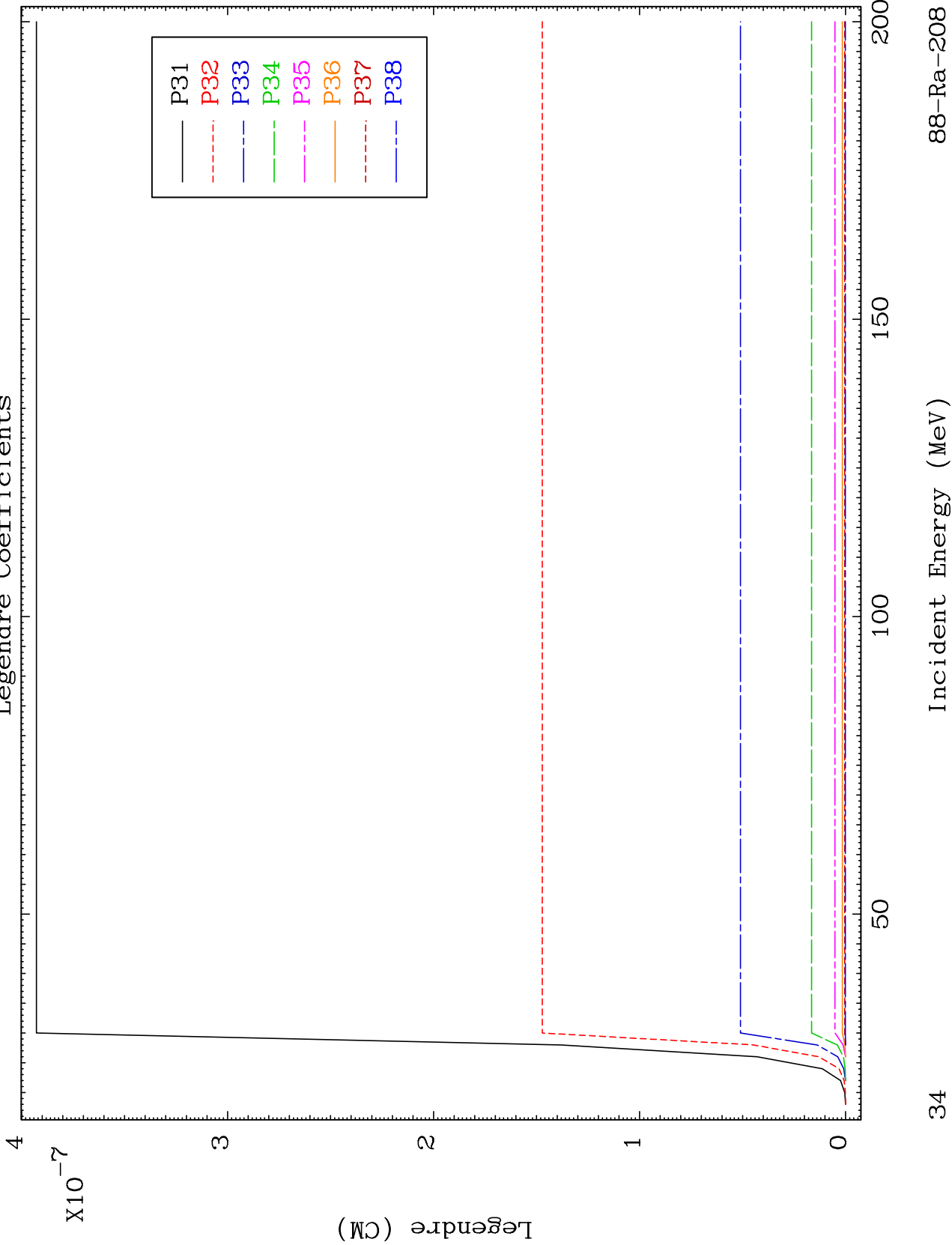
88-Ra-208



MAT 8780

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

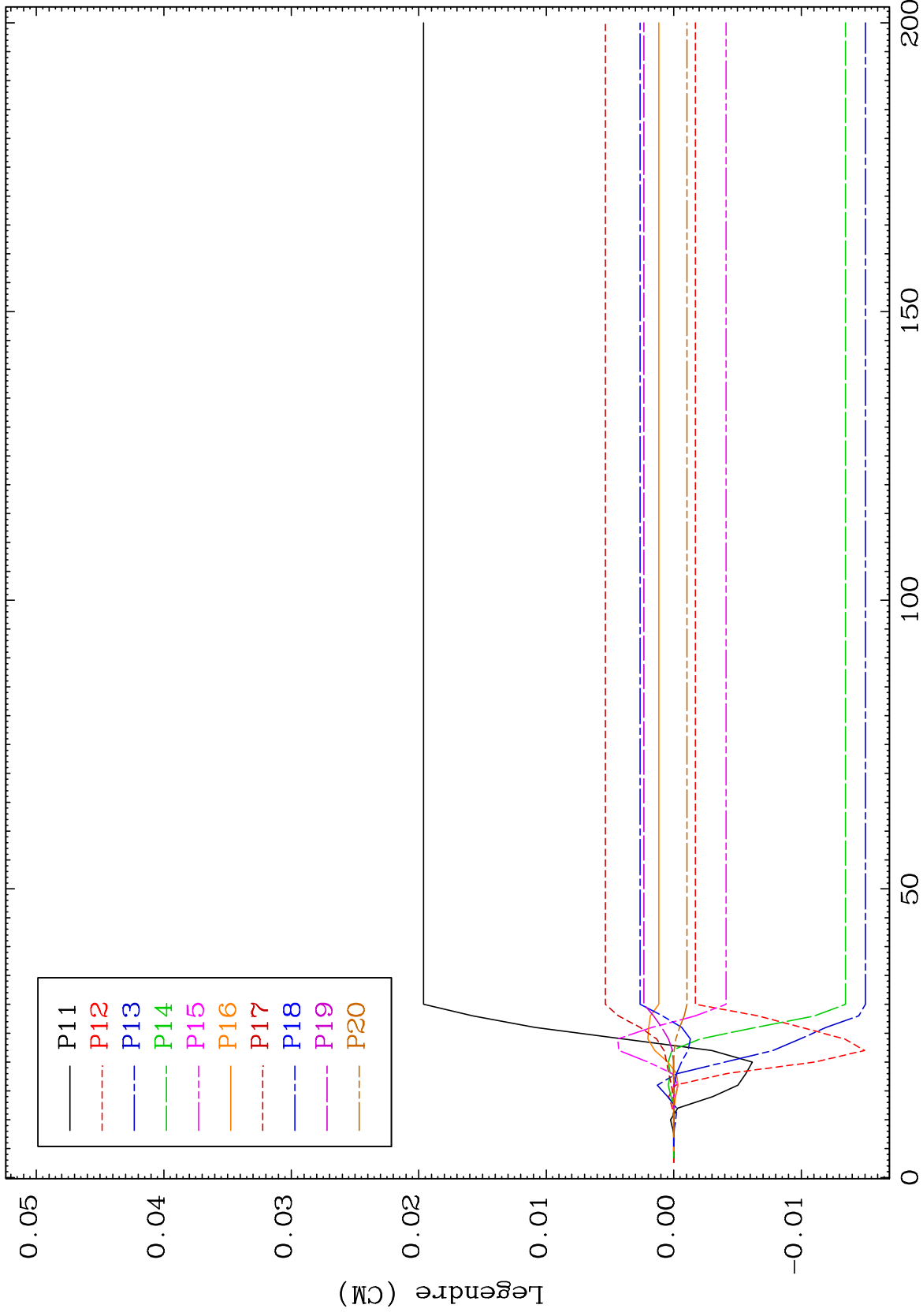
88-Ra-208



MAT 8780

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

88-Ra-208



36

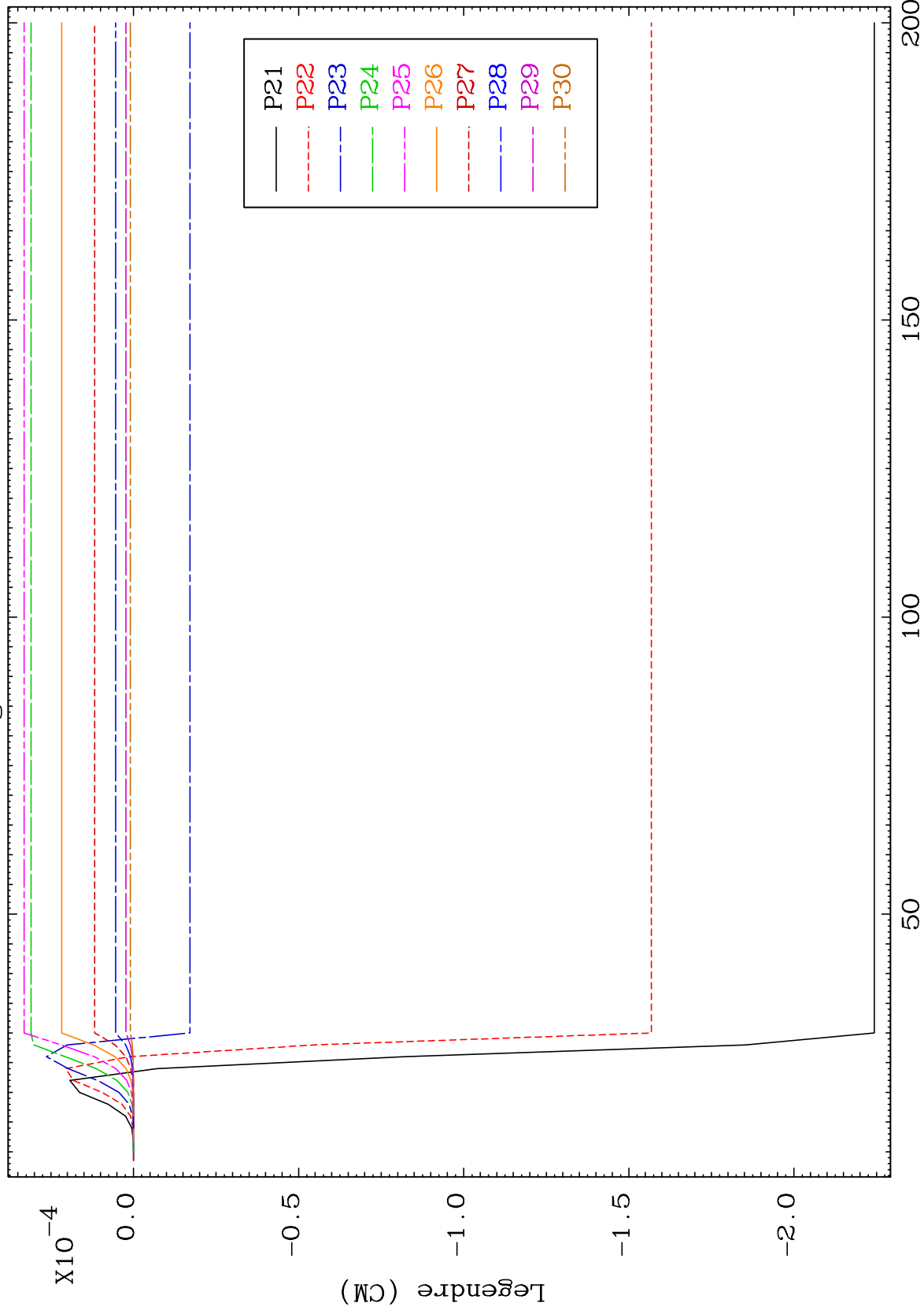
Incident Energy (MeV)

88-Ra-208

MAT 8780

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

88-Ra-208



37

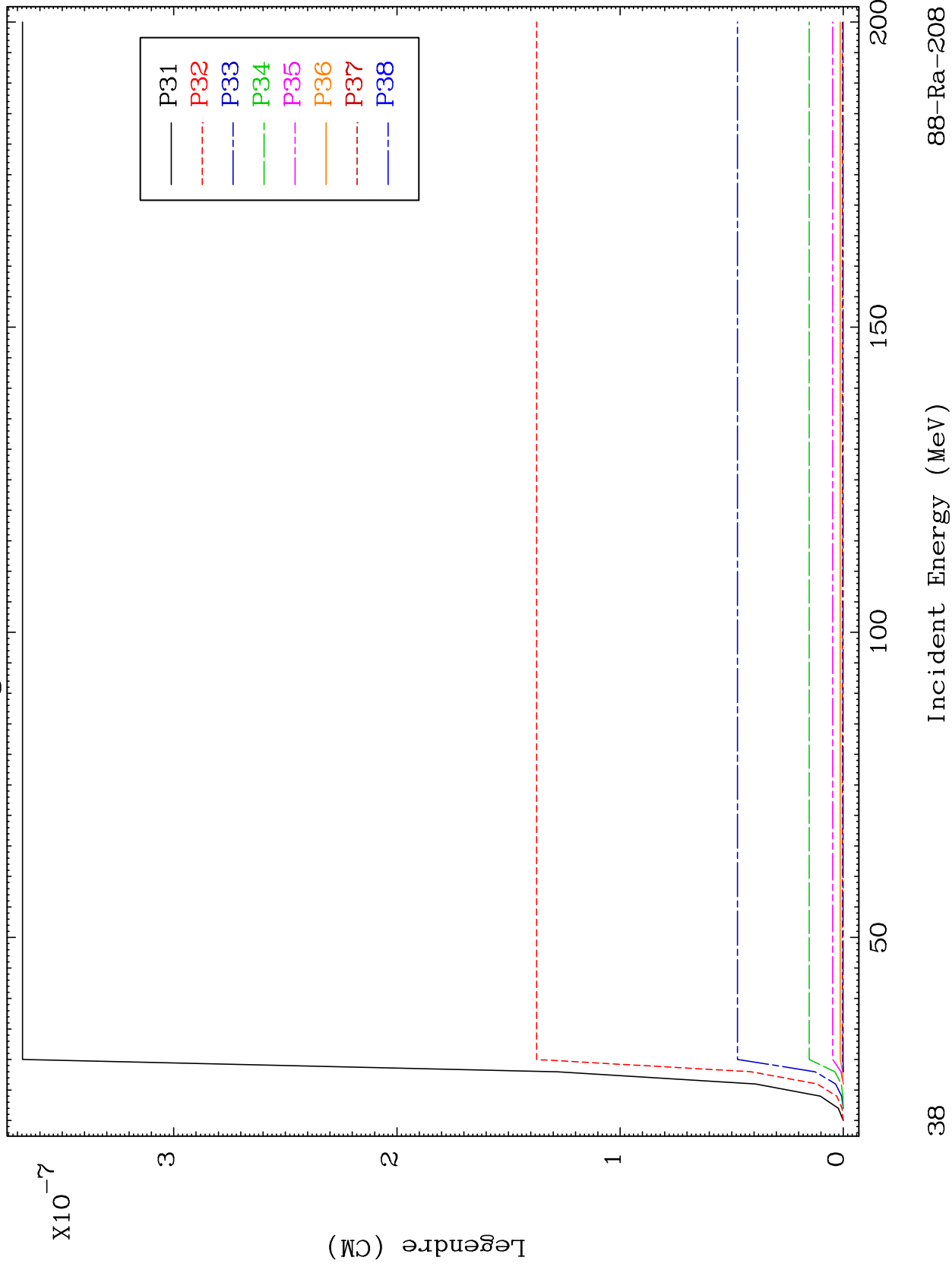
Incident Energy (MeV)

88-Ra-208

MAT 8780

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

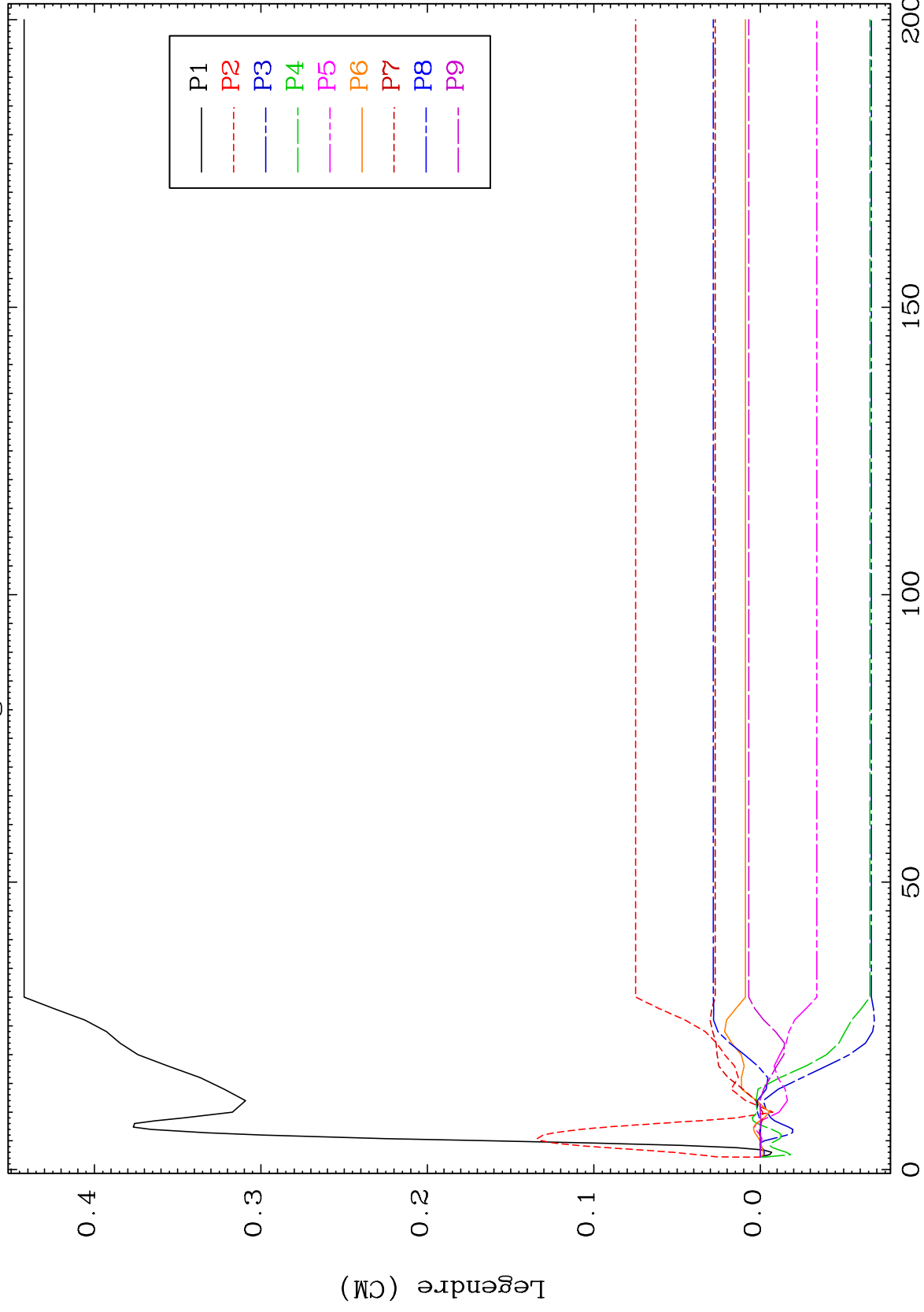
88-Ra-208



MAT 8780

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

88-Ra-208



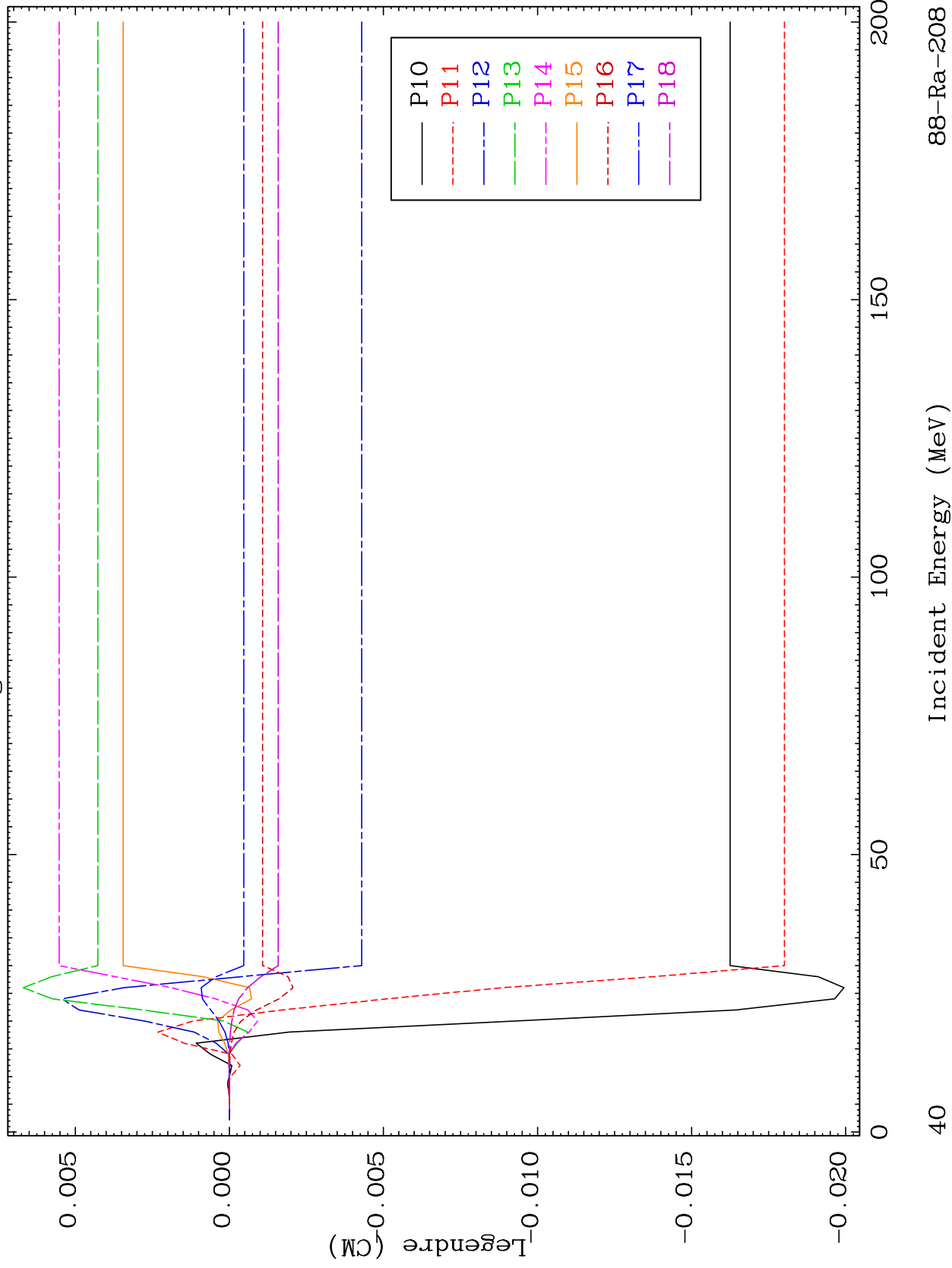
39

88-Ra-208

MAT 8780

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

88-Ra-208



88-Ra-208

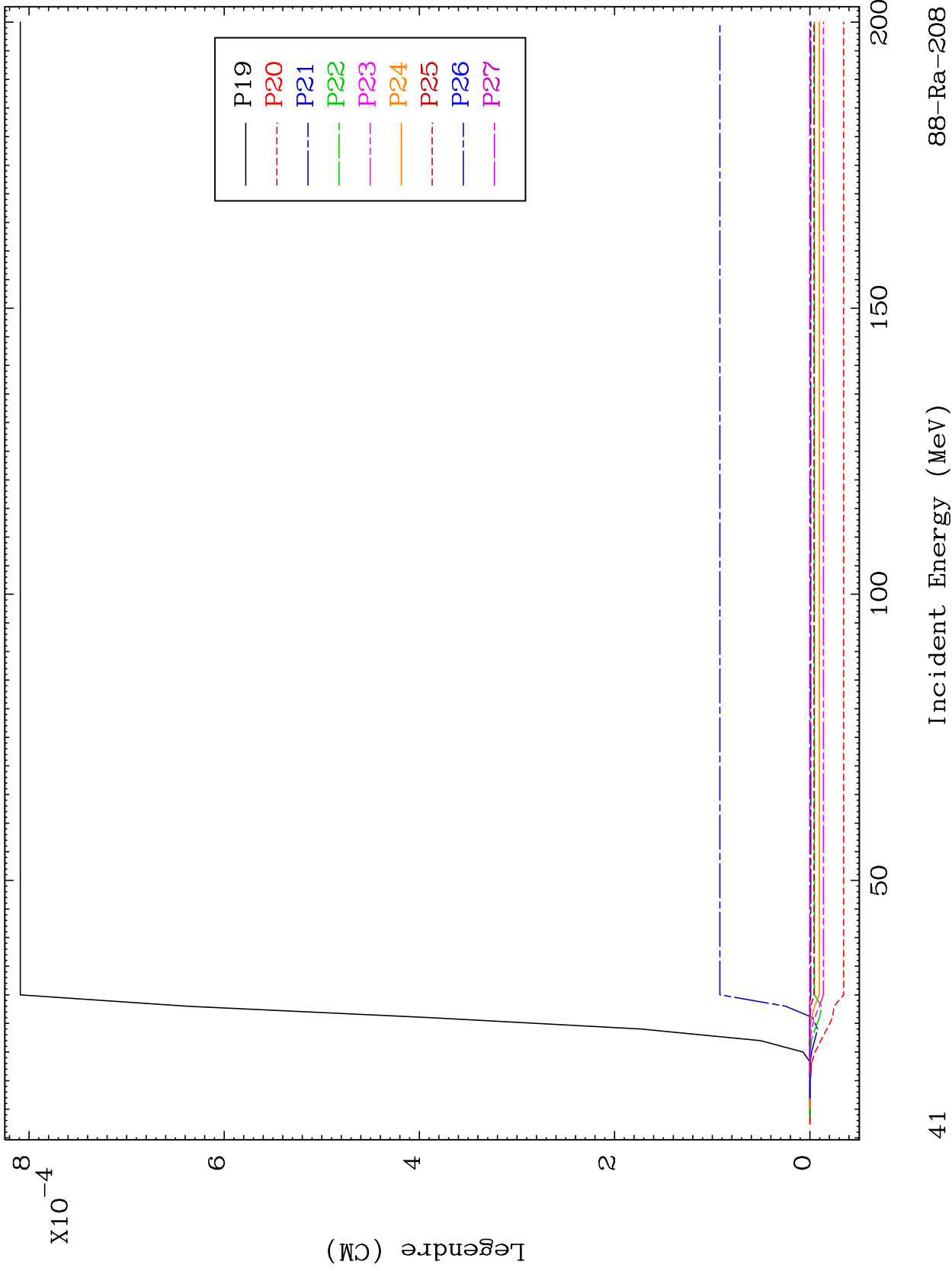
Incident Energy (MeV)

40

MAT 8780

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

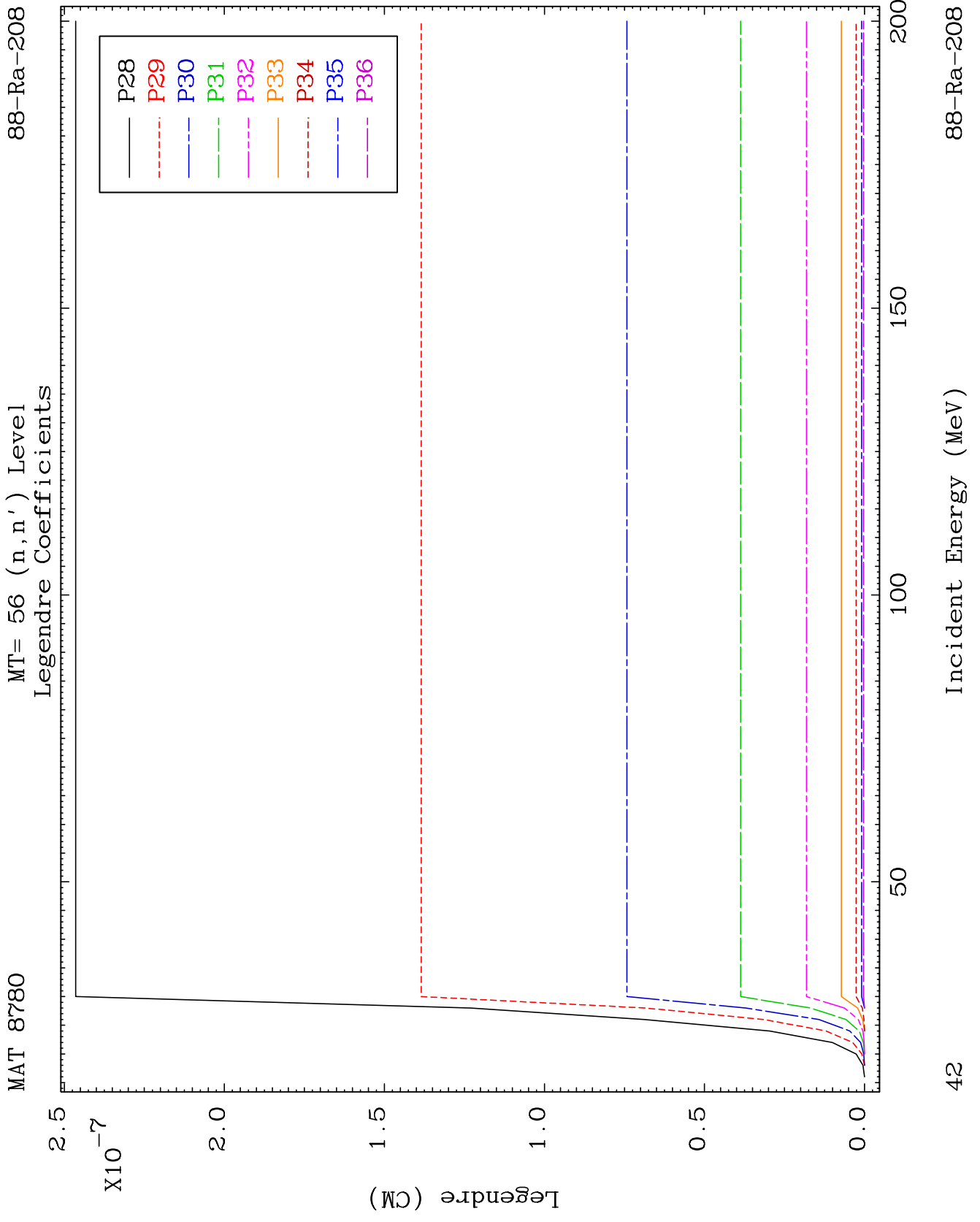
88-Ra-208



41

Incident Energy (MeV)

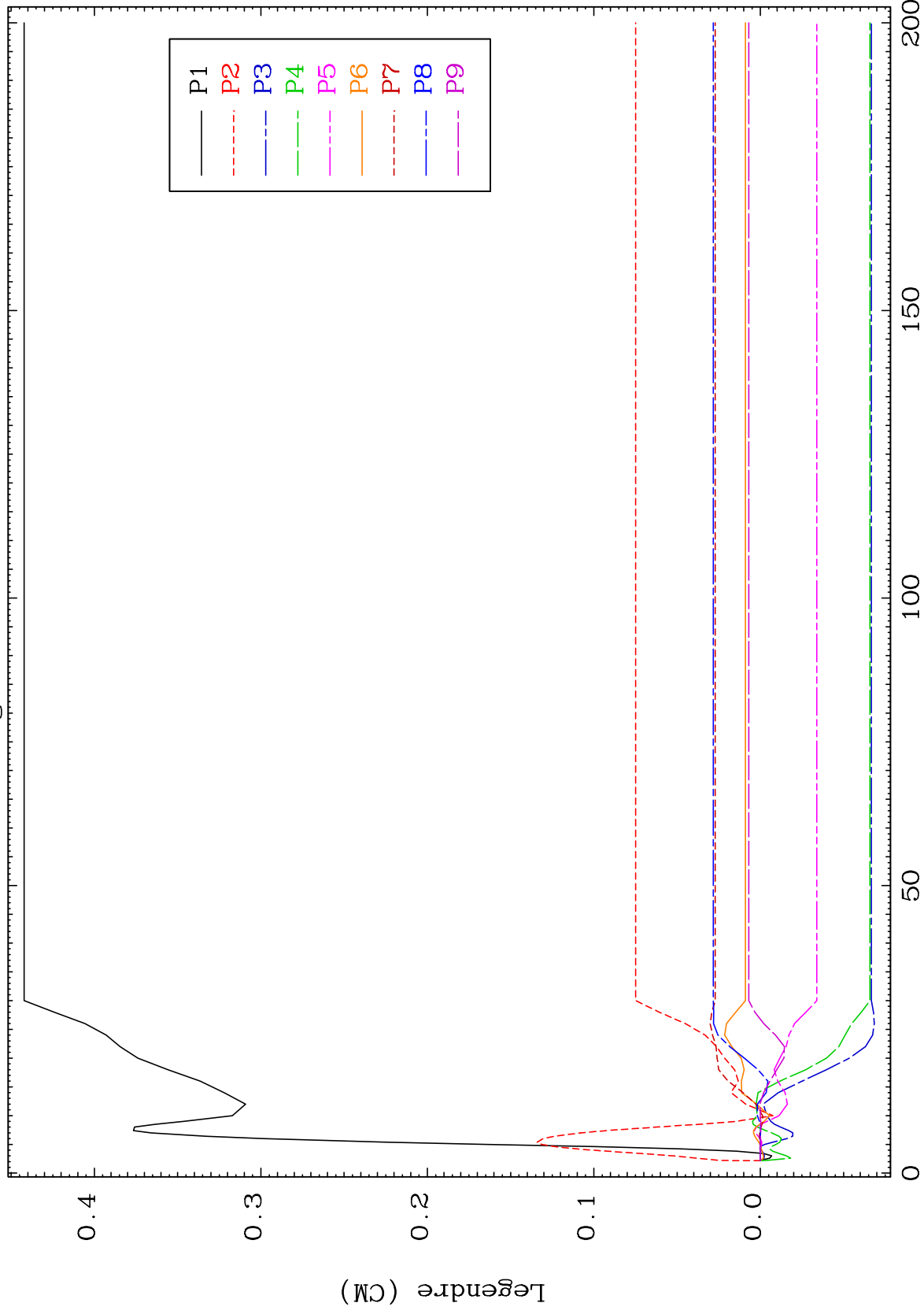
88-Ra-208



MAT 8780

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

88-Ra-208



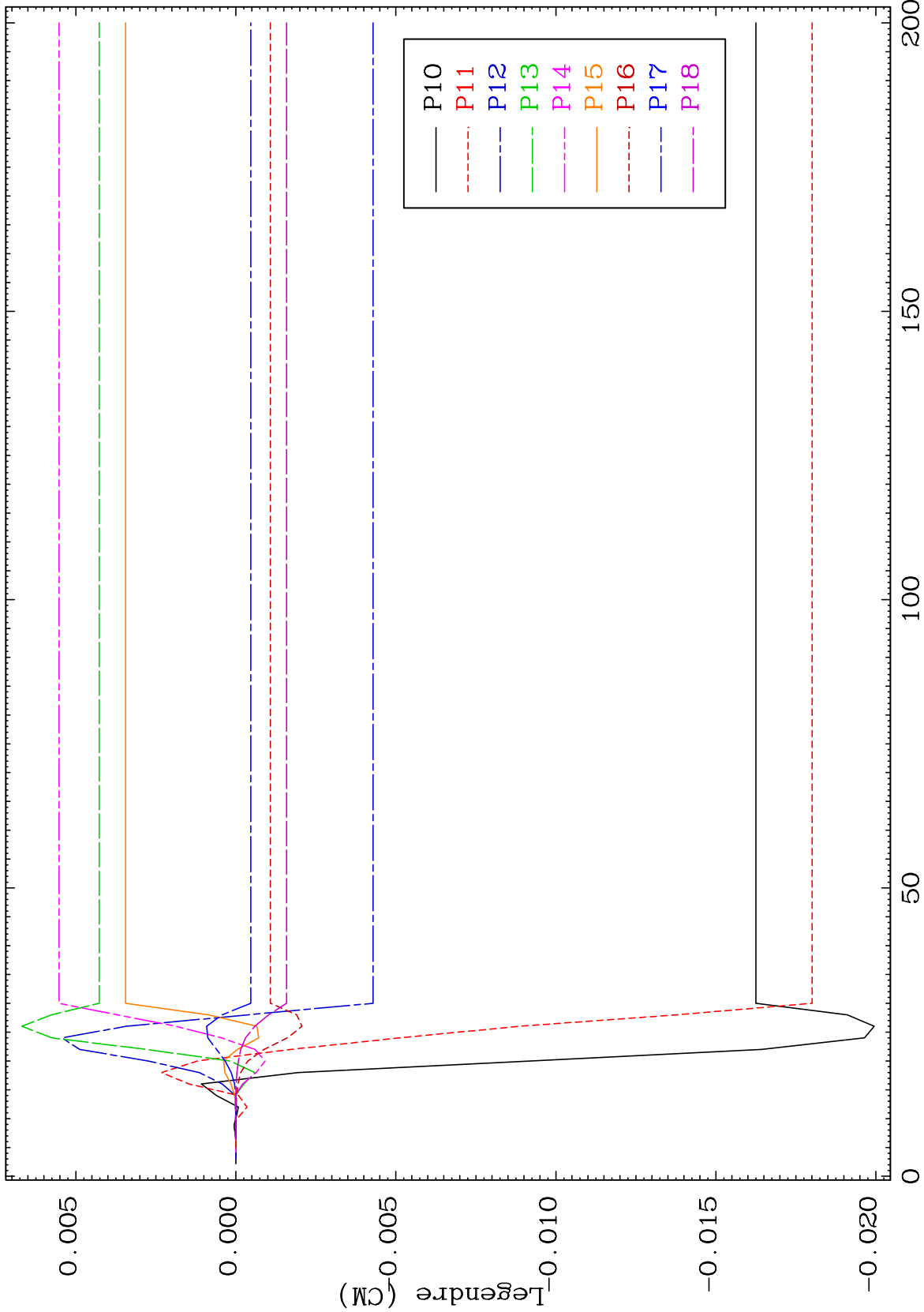
43

88-Ra-208

MAT 8780

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

88-Ra-208



44

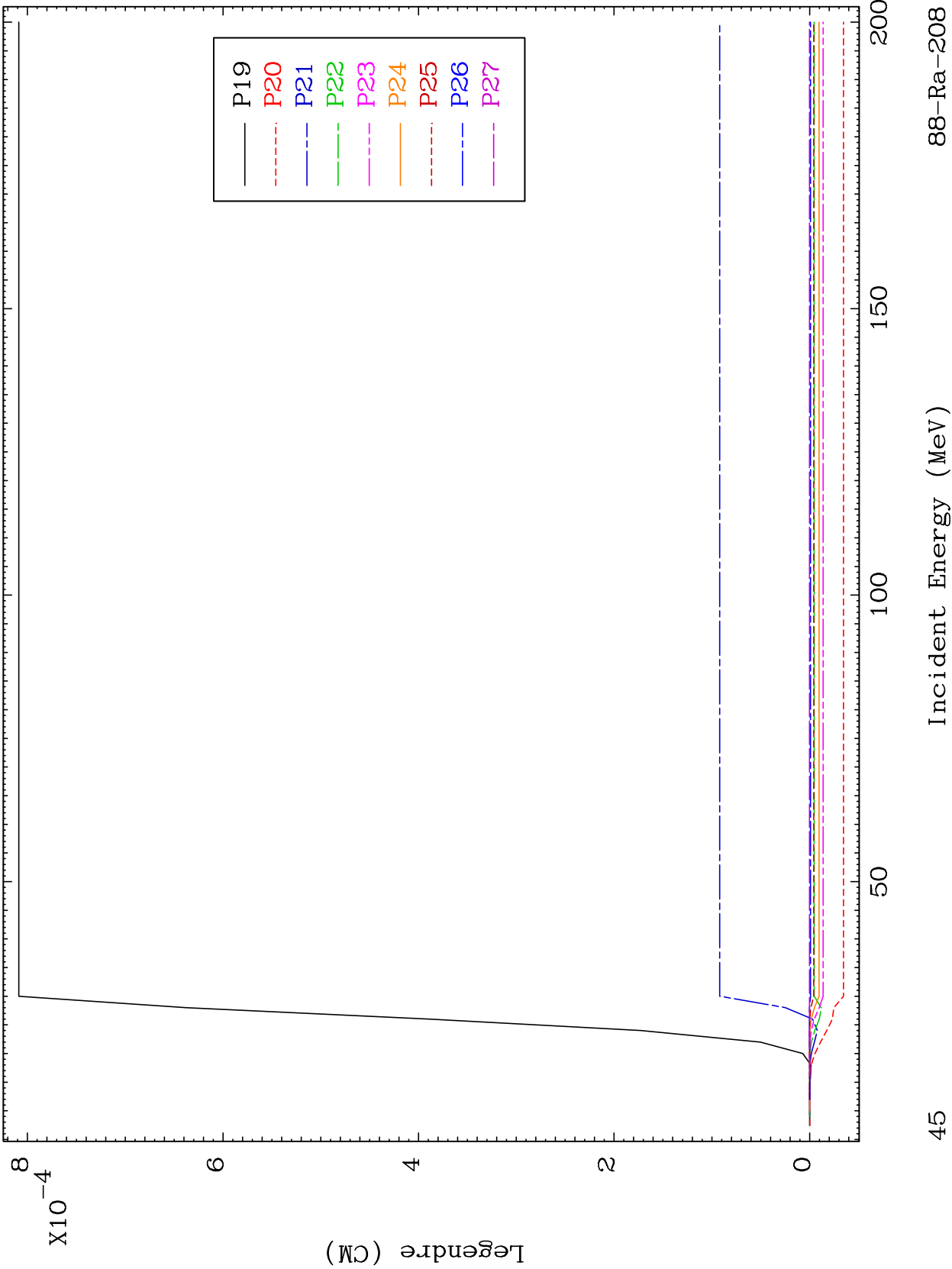
Incident Energy (MeV)

88-Ra-208

MAT 8780

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

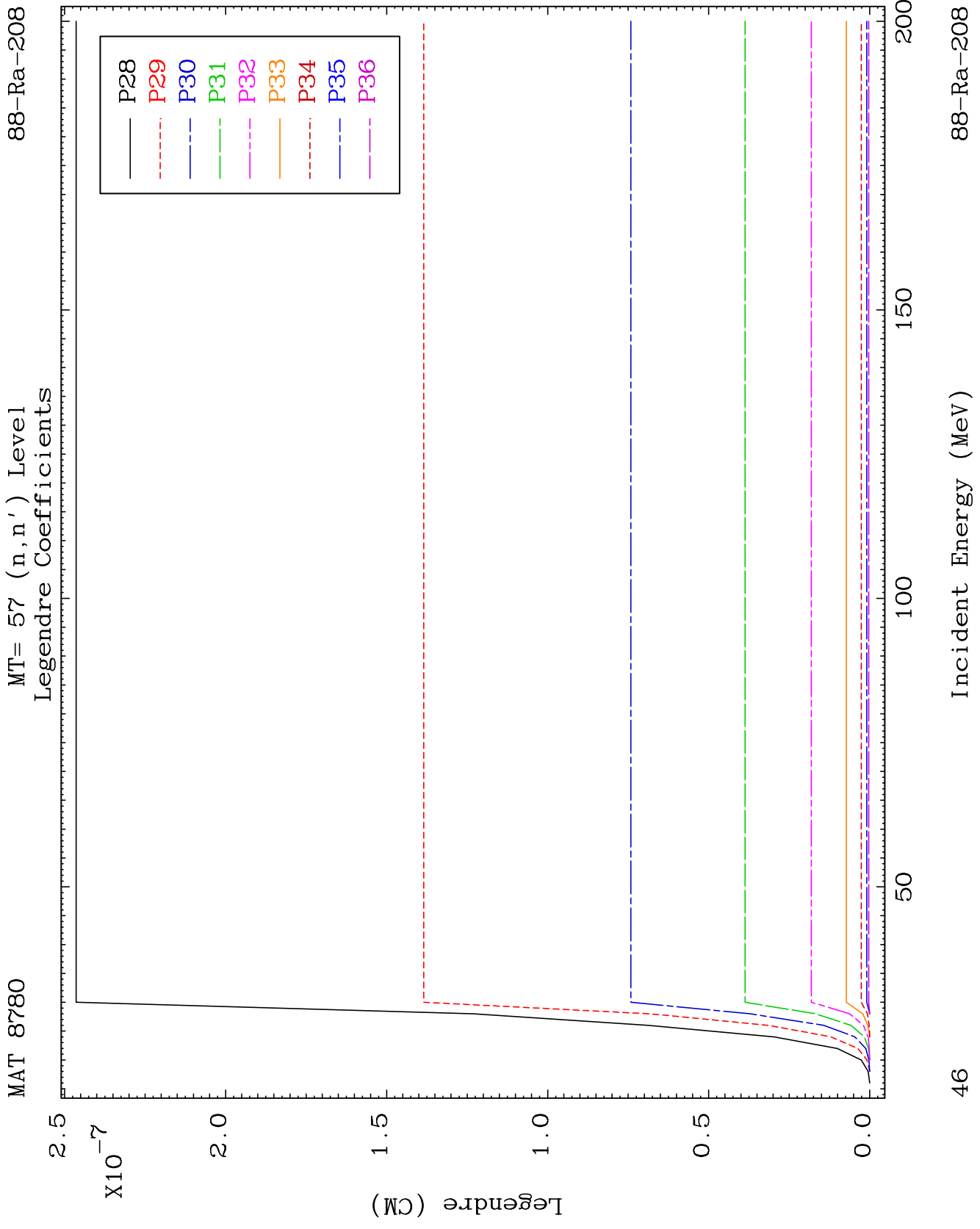
88-Ra-208

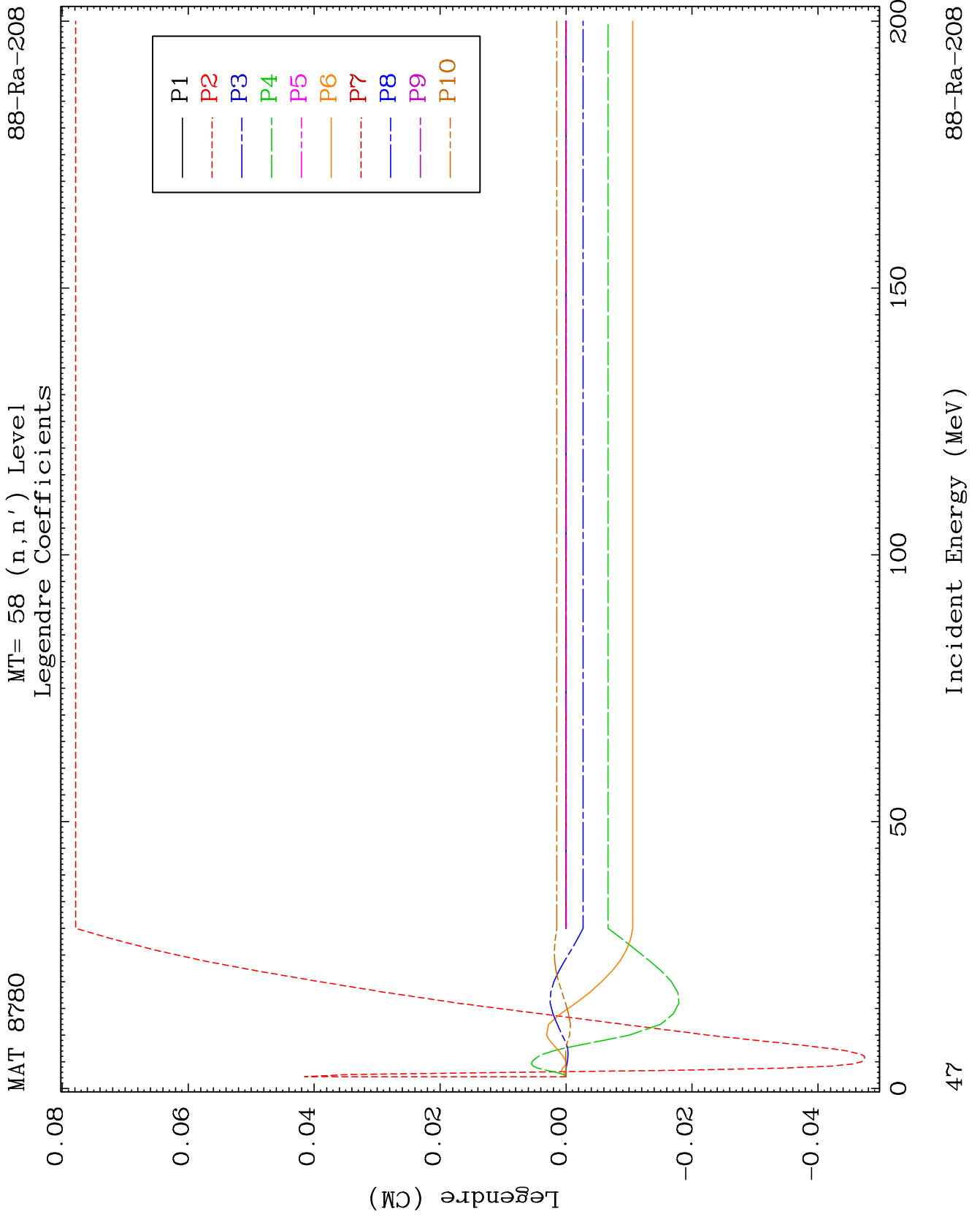


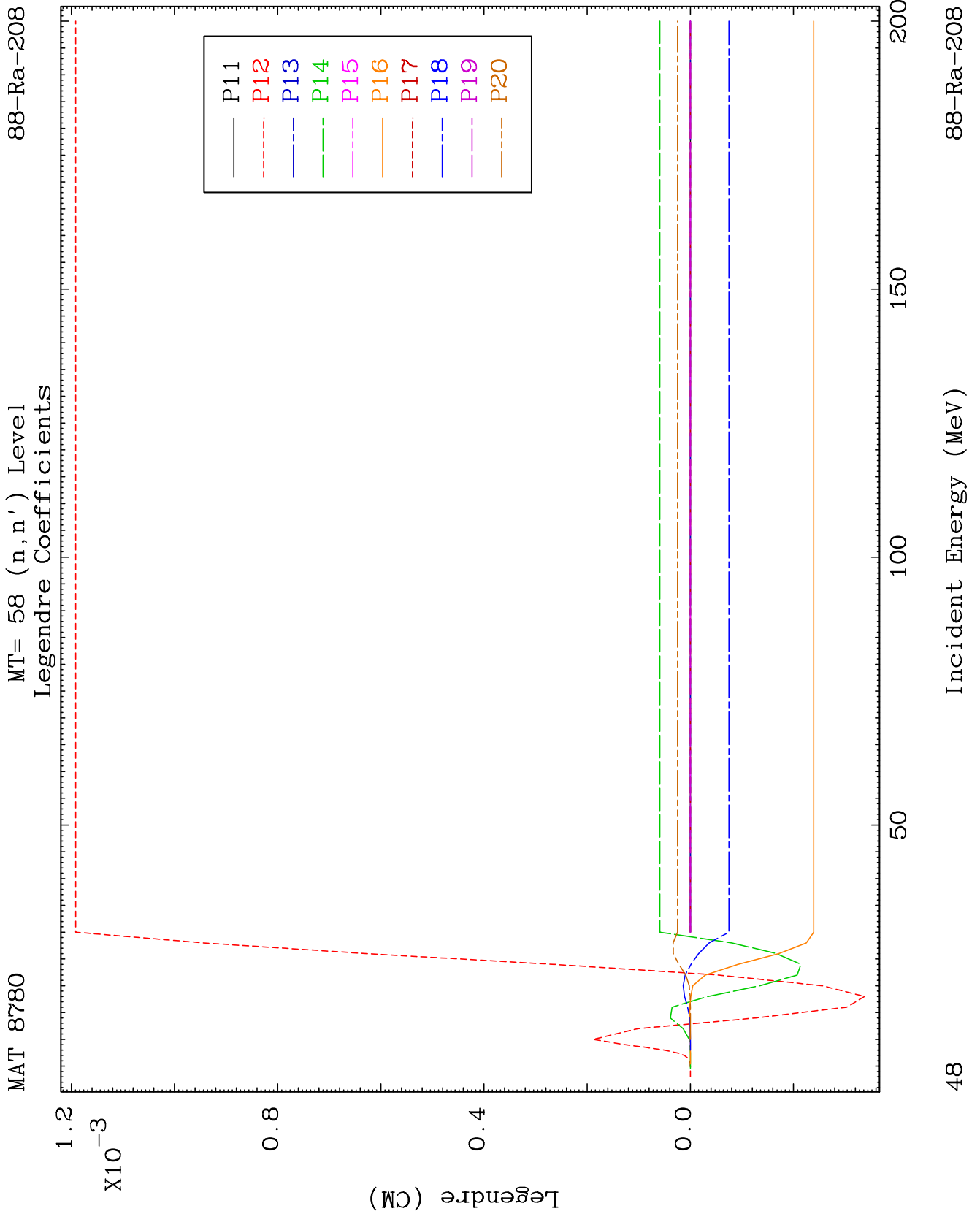
88-Ra-208

Incident Energy (MeV)

45



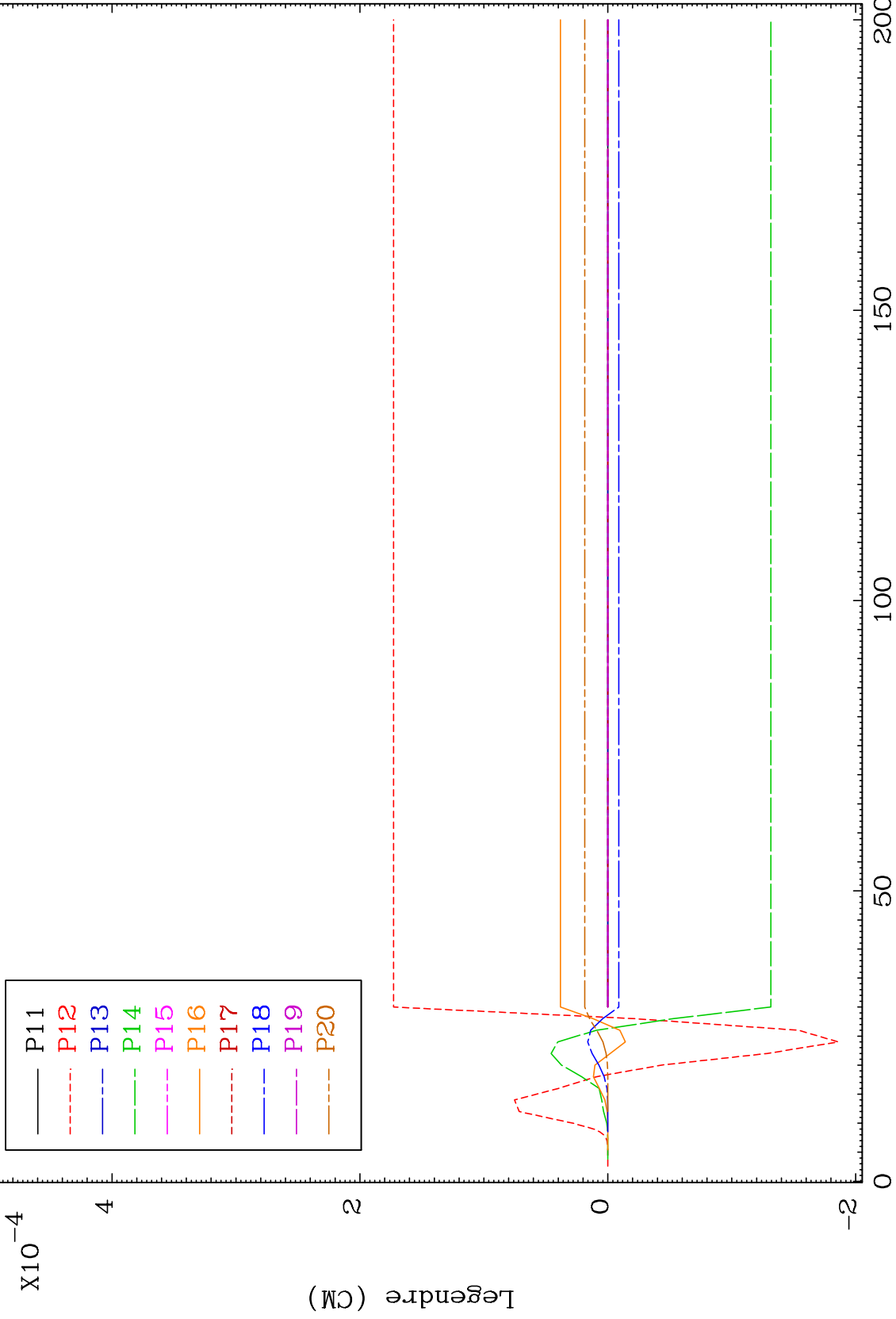
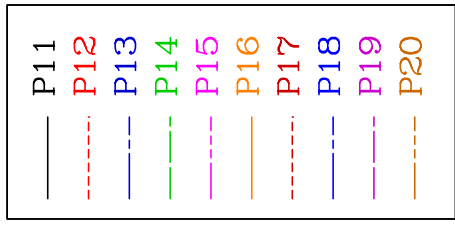




MAT 8780

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

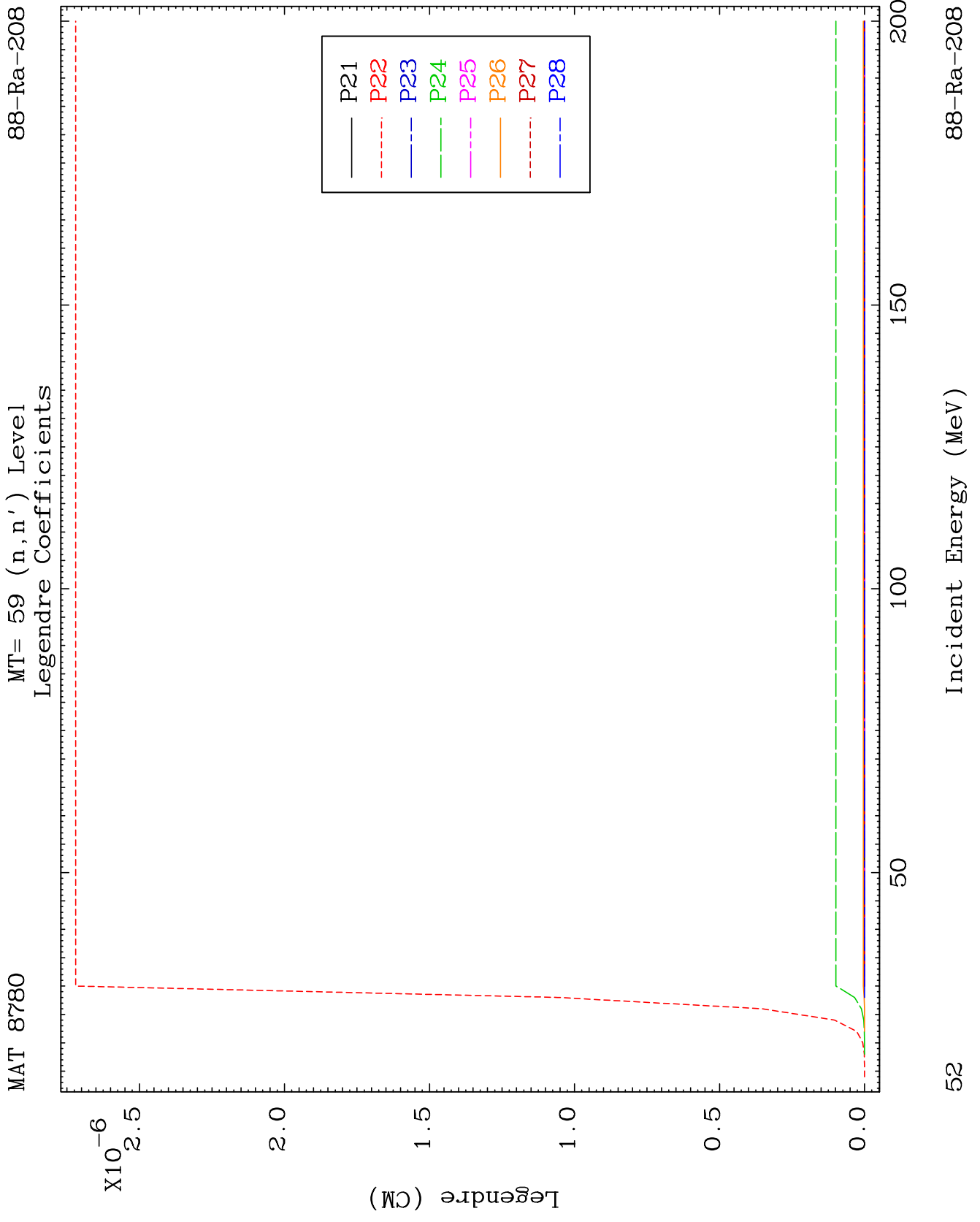
88-Ra-208



51

Incident Energy (MeV)

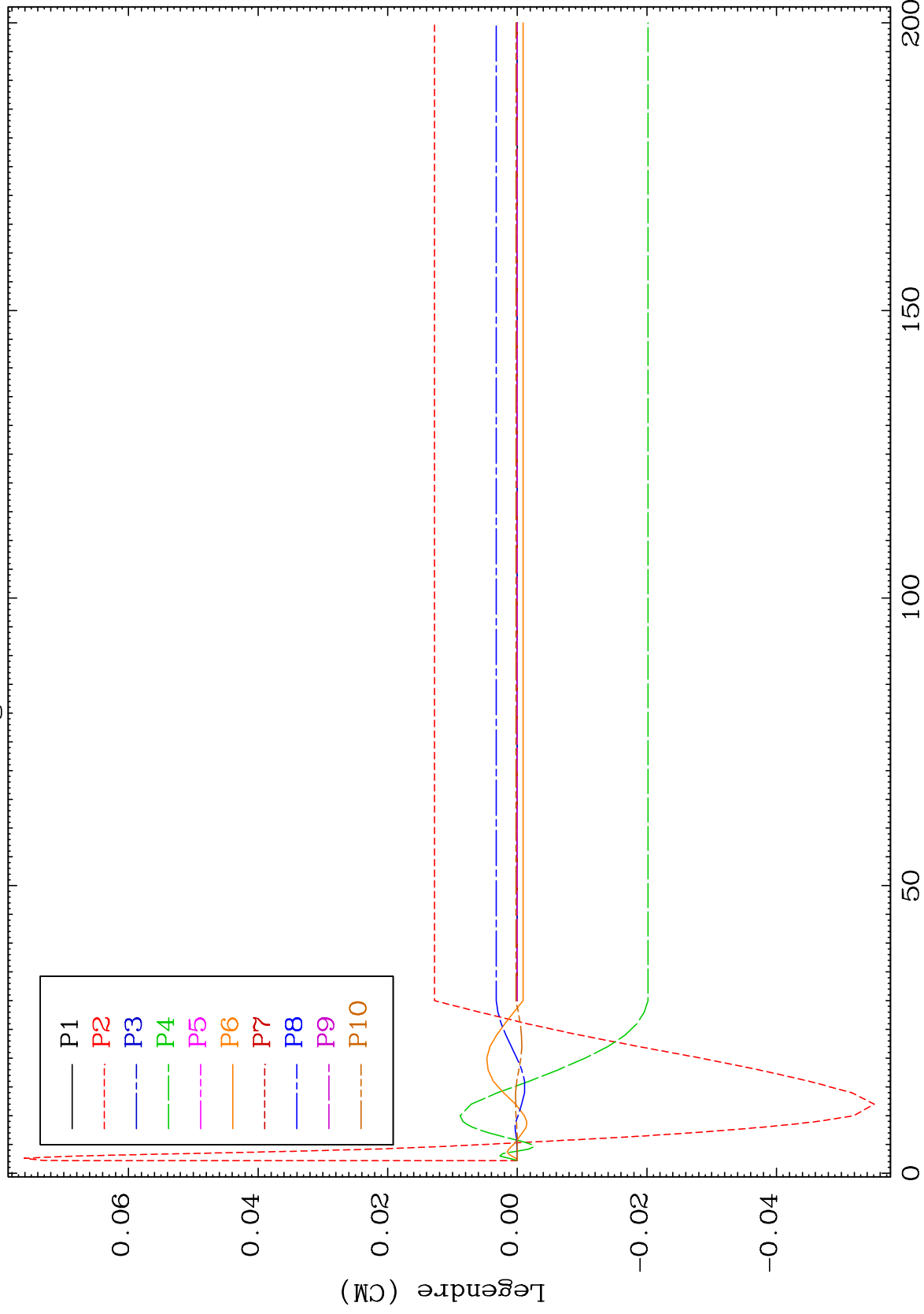
88-Ra-208



MAT 8780

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

88-Ra-208



53

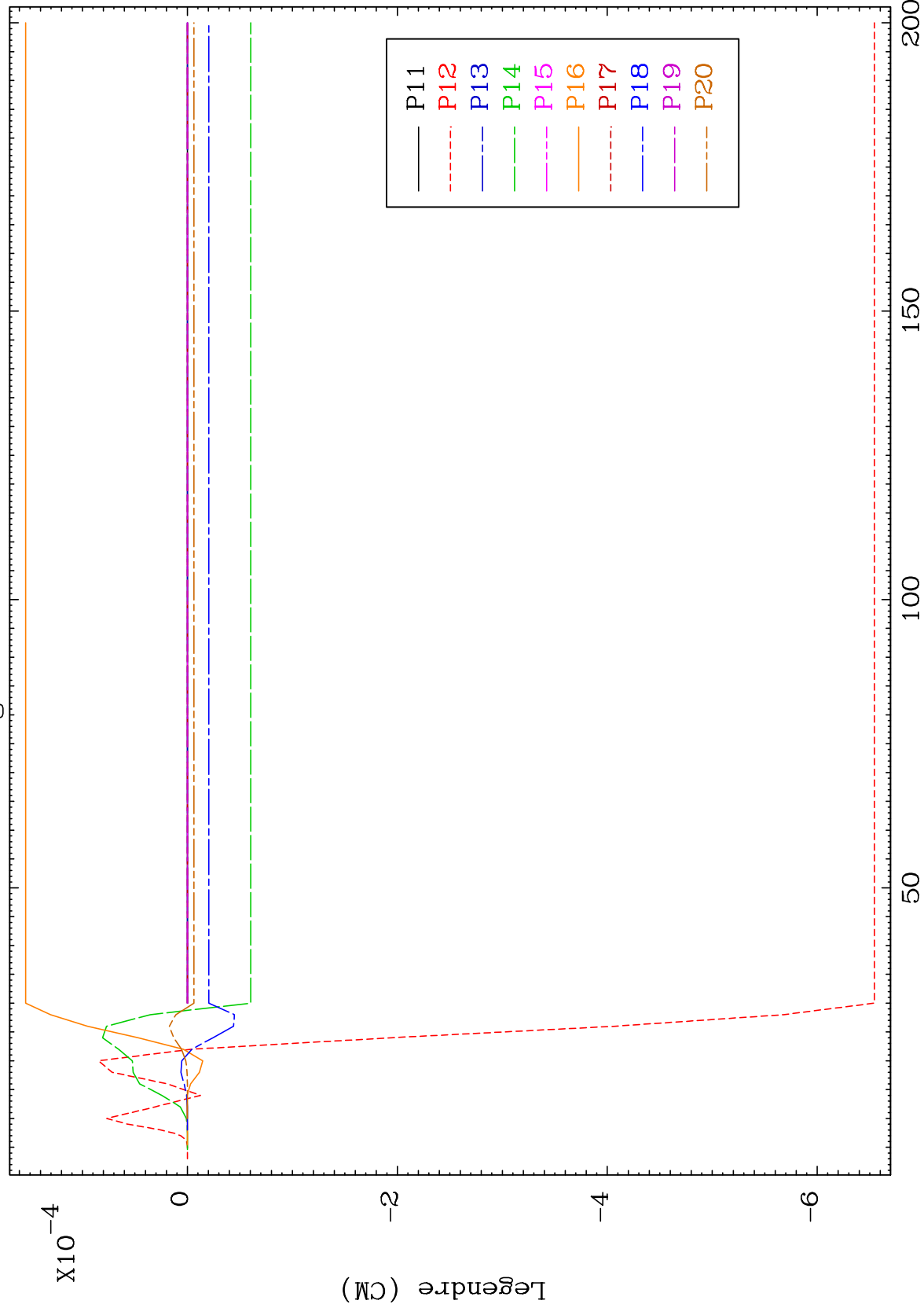
Incident Energy (MeV)

88-Ra-208

MAT 8780

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

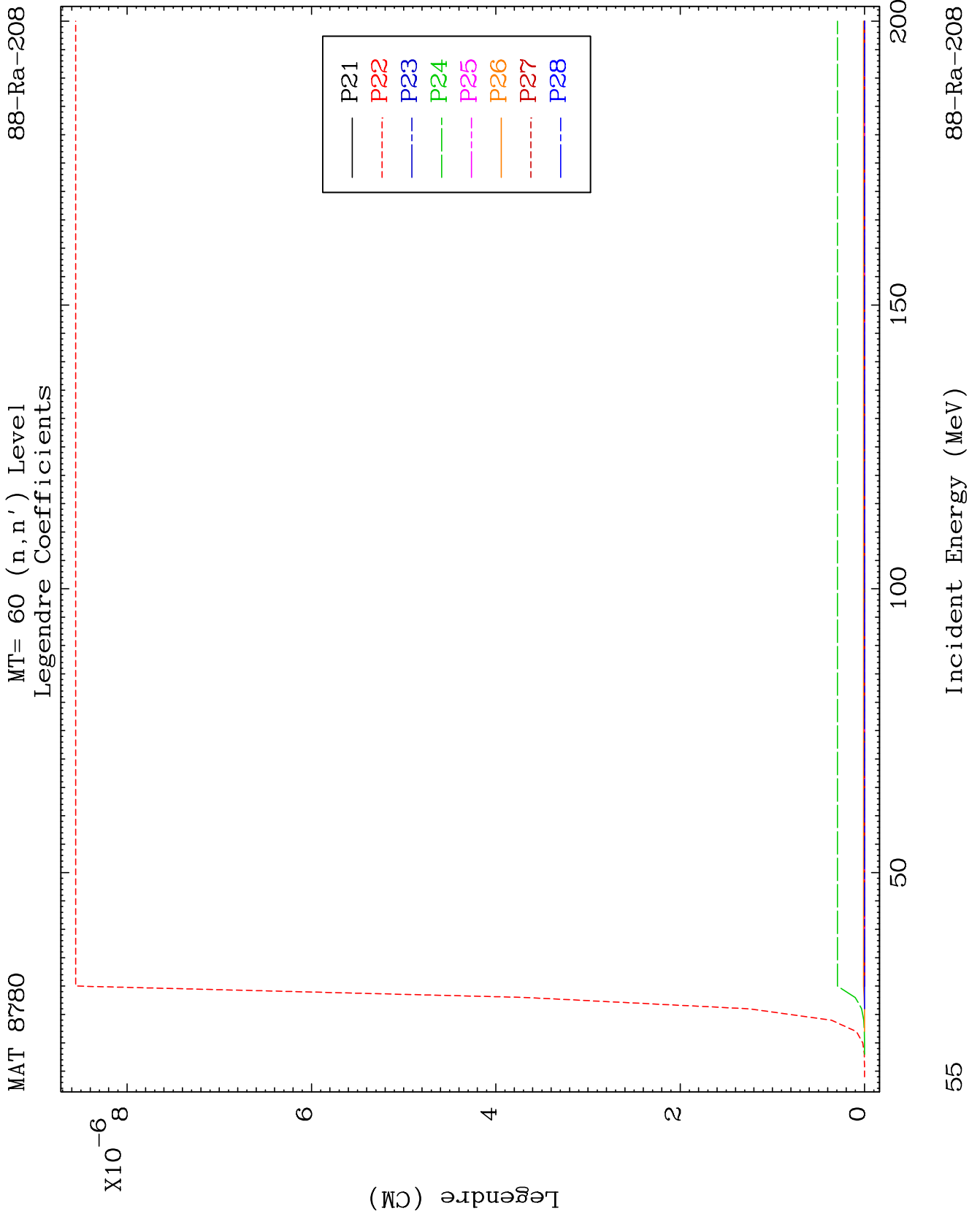
88-Ra-208

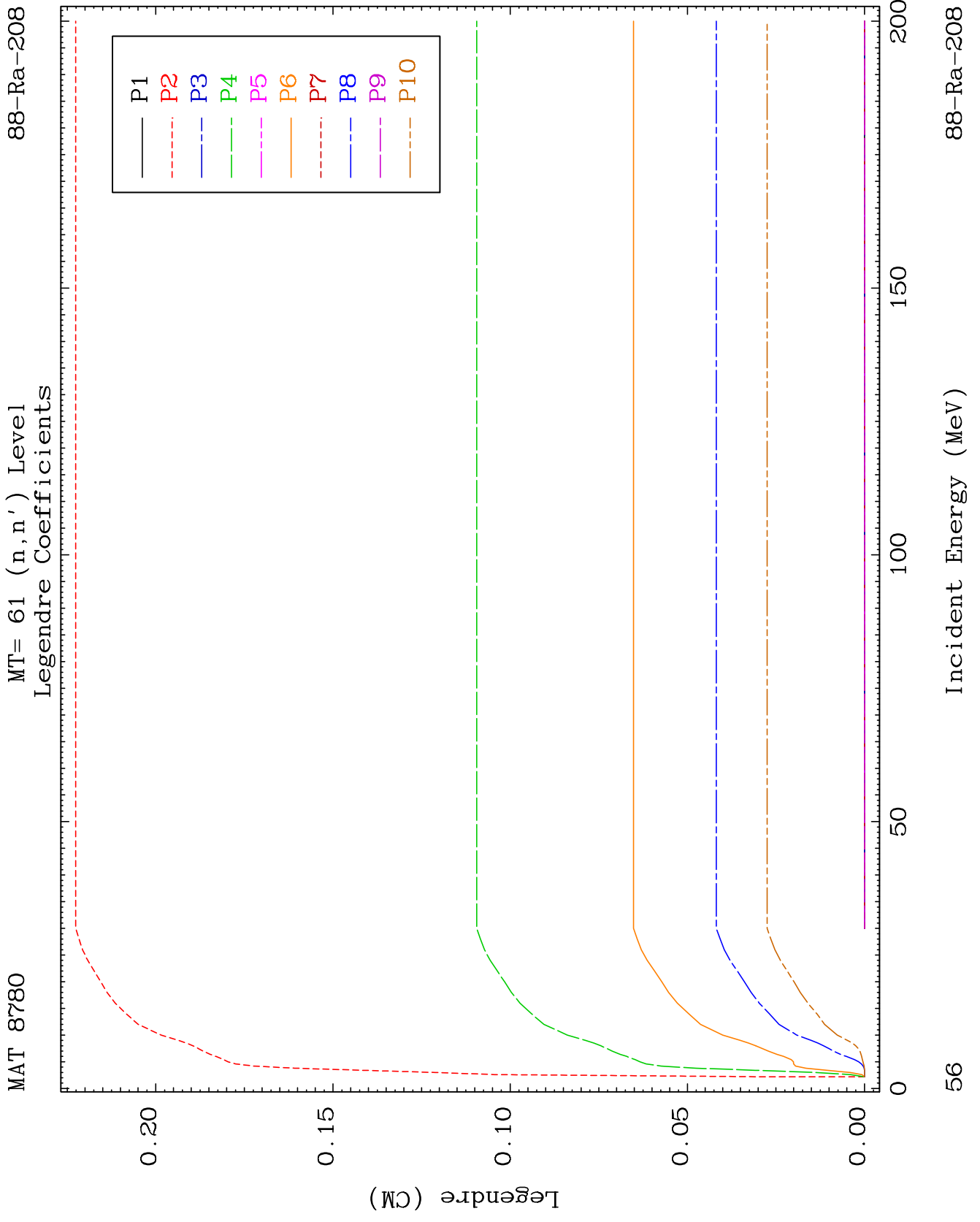


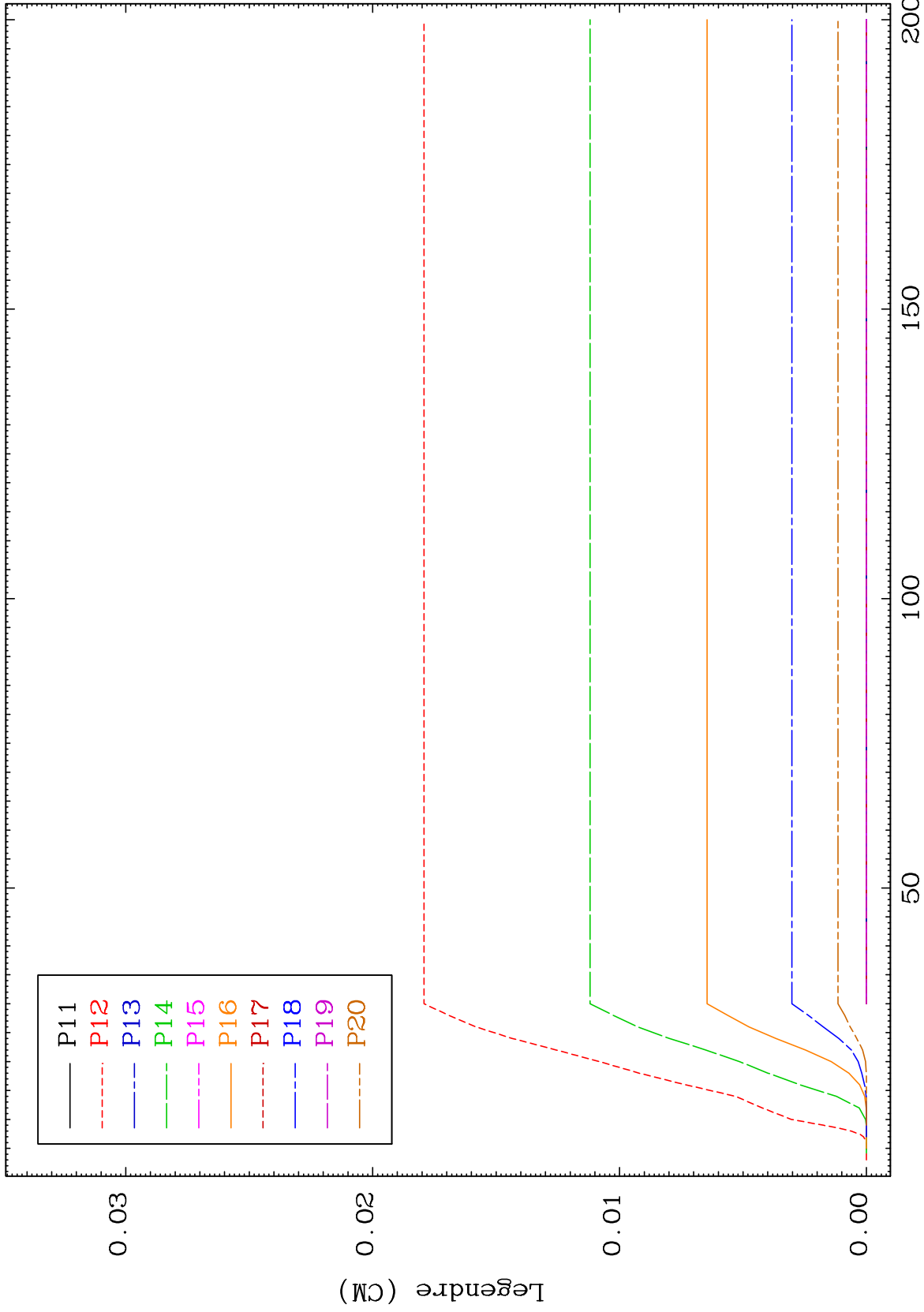
54

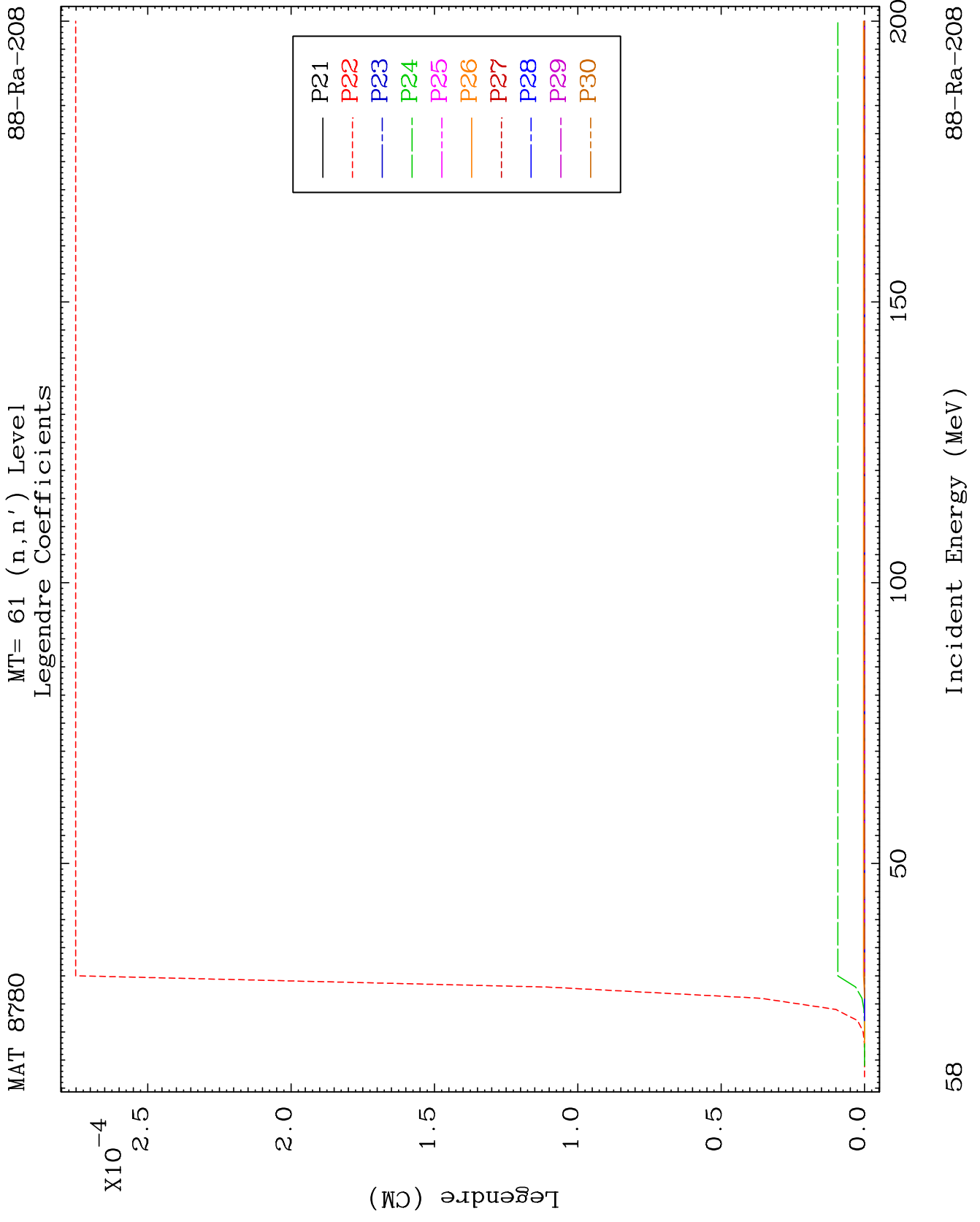
Incident Energy (MeV)

88-Ra-208









88-Ra-208

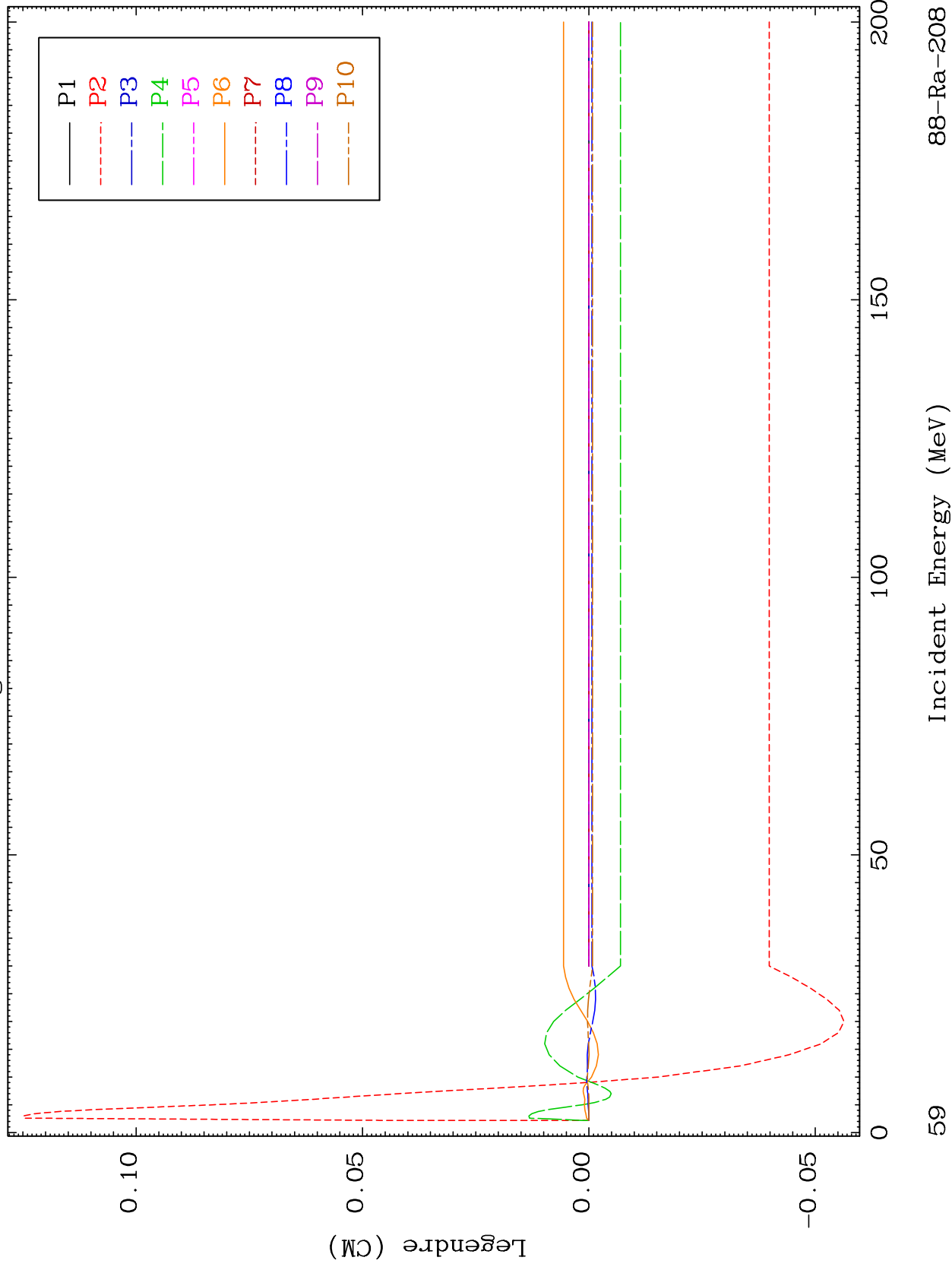
Incident Energy (MeV)

58

MAT 8780

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

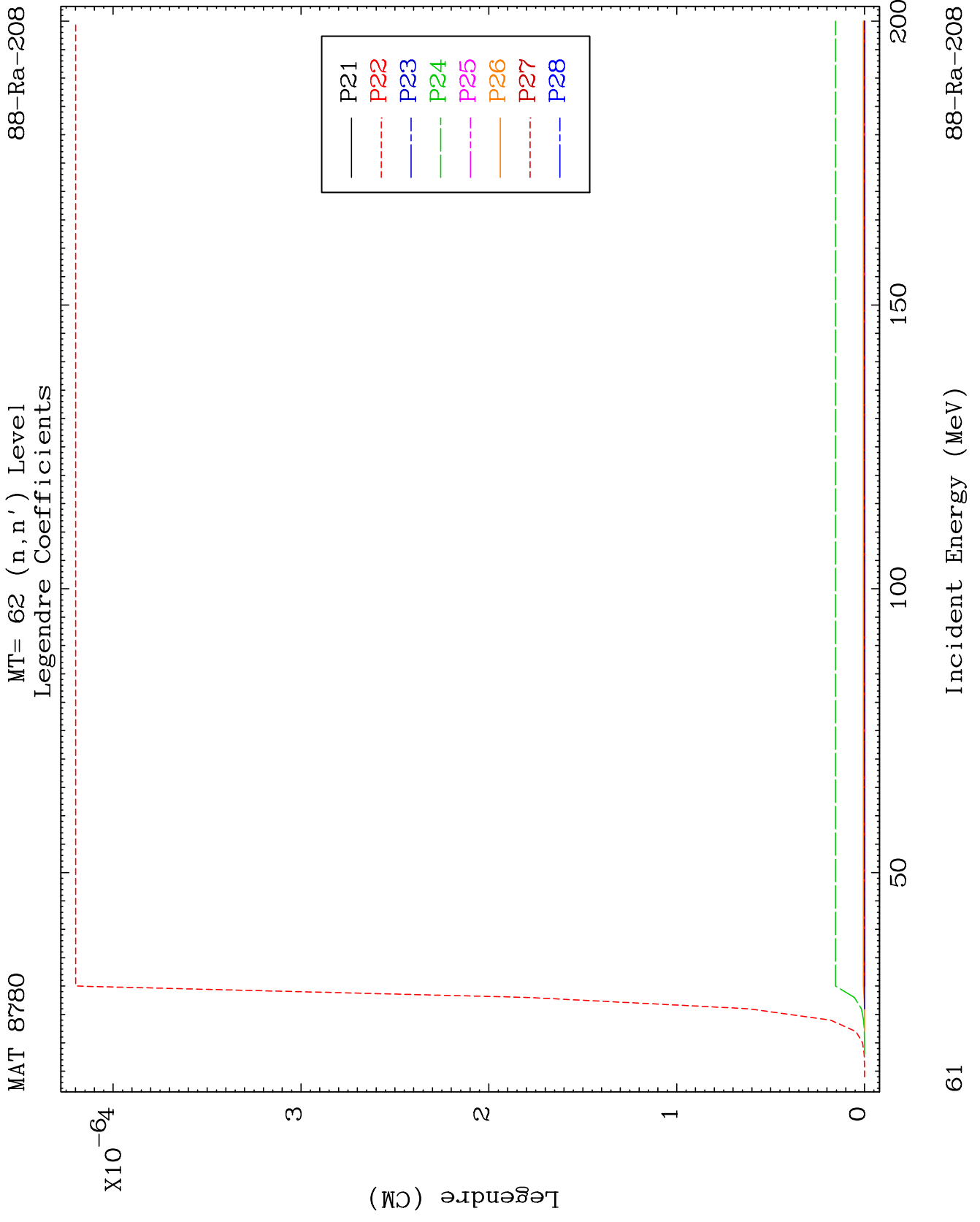
88-Ra-208

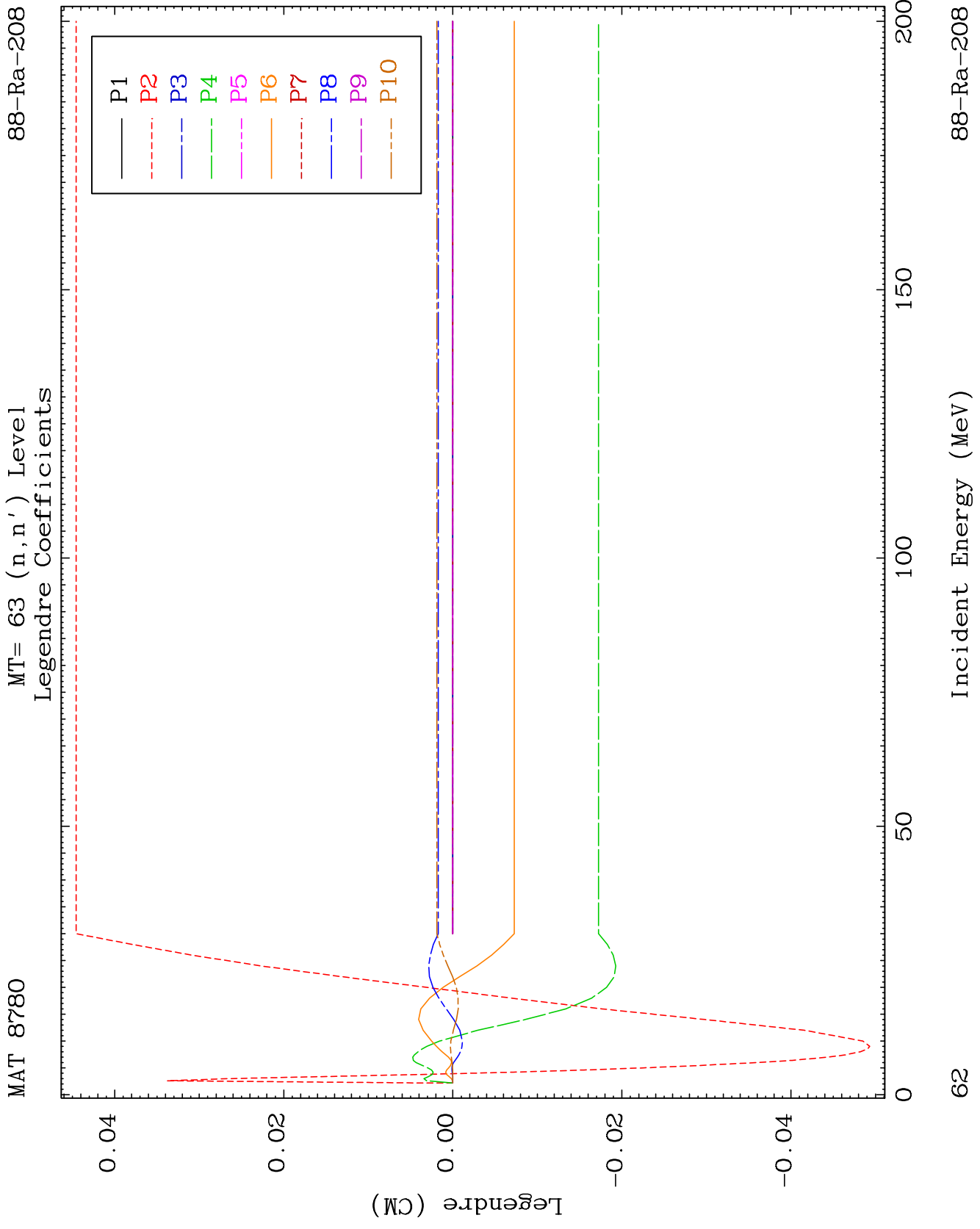


88-Ra-208

Incident Energy (MeV)

59

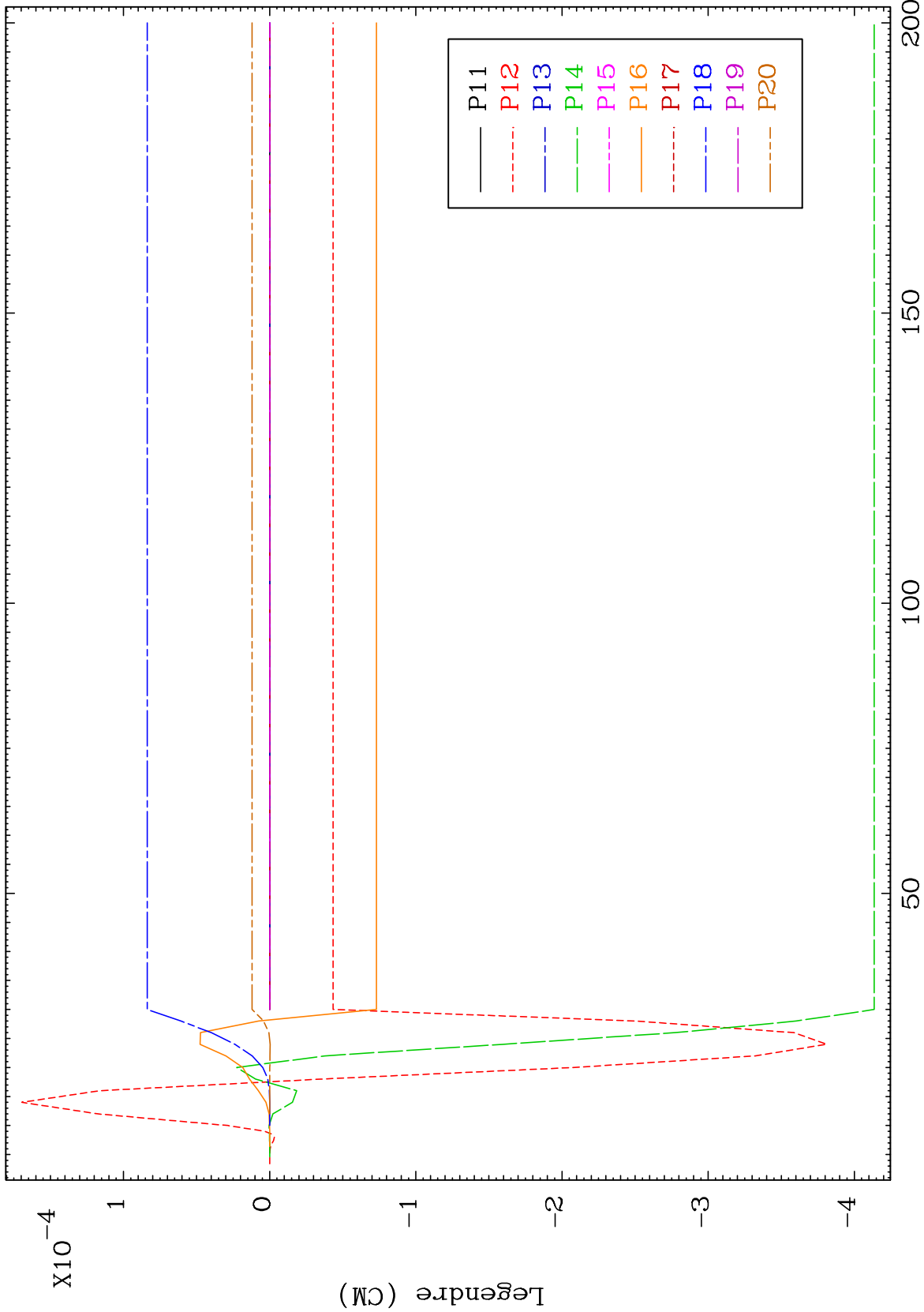




MAT 8780

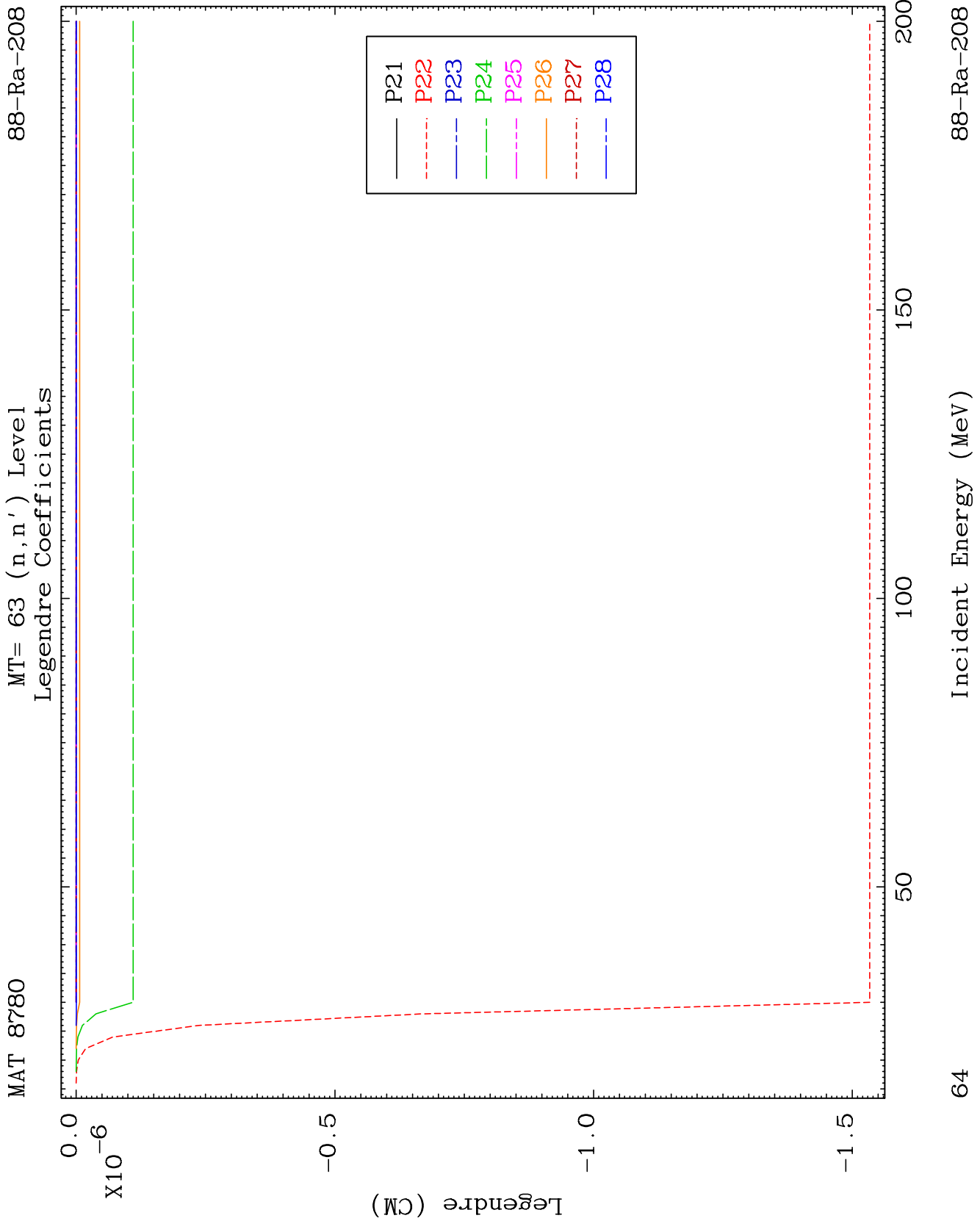
MT= 63 (n,n') Level
Legendre Coefficients

88-Ra-208



63

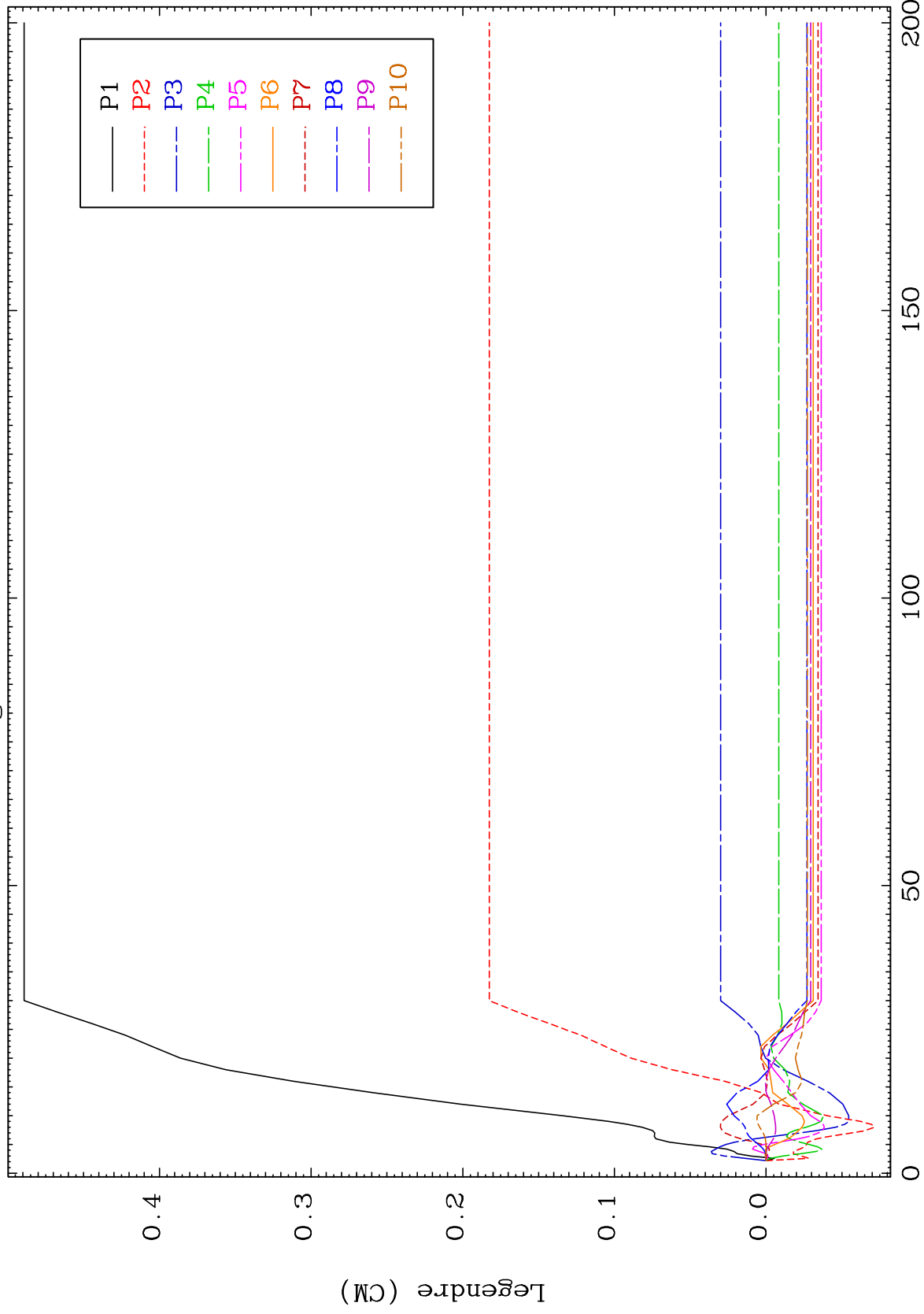
88-Ra-208



MAT 8780

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

88-Ra-208



65

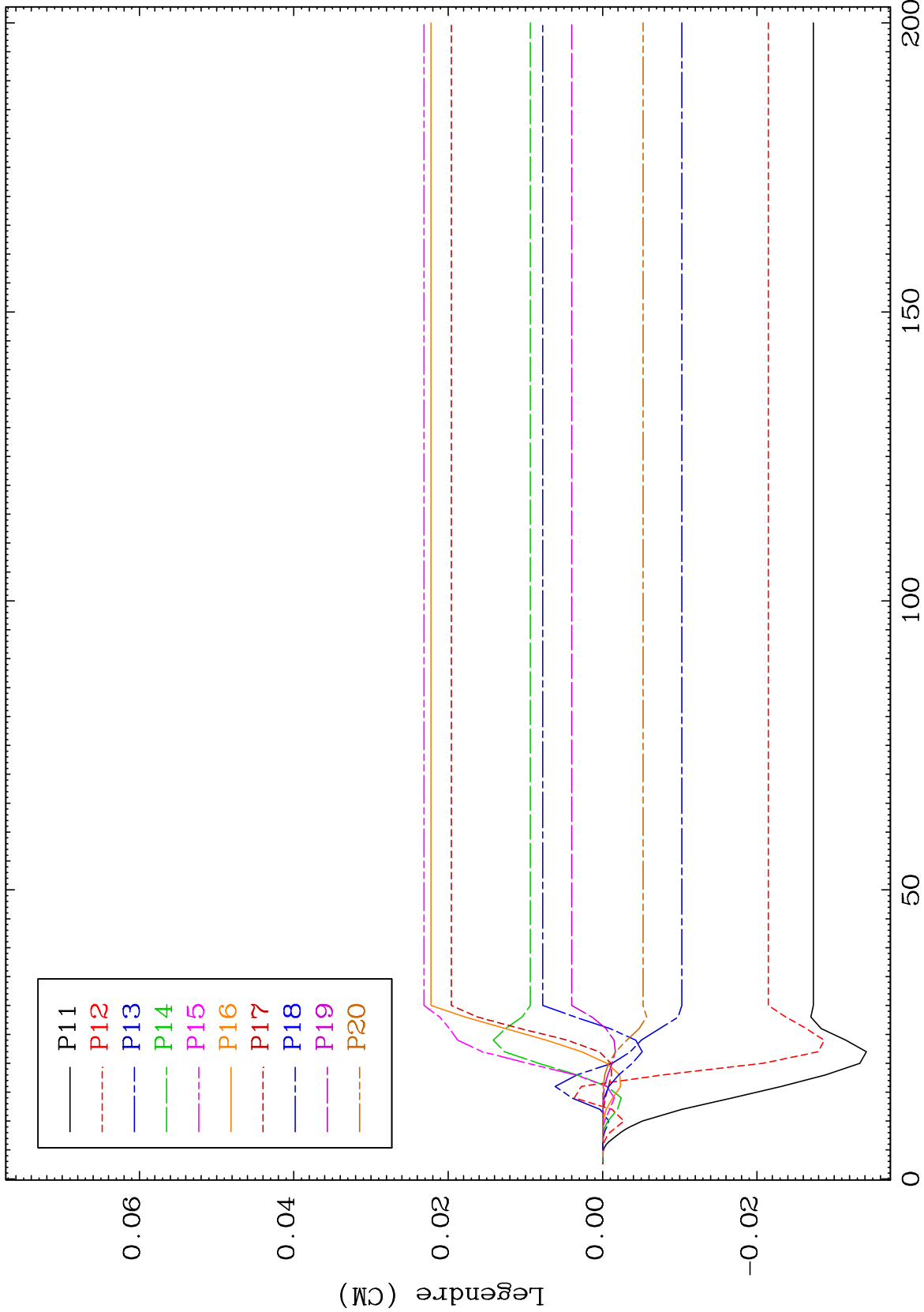
Incident Energy (MeV)

88-Ra-208

MAT 8780

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

88-Ra-208



66

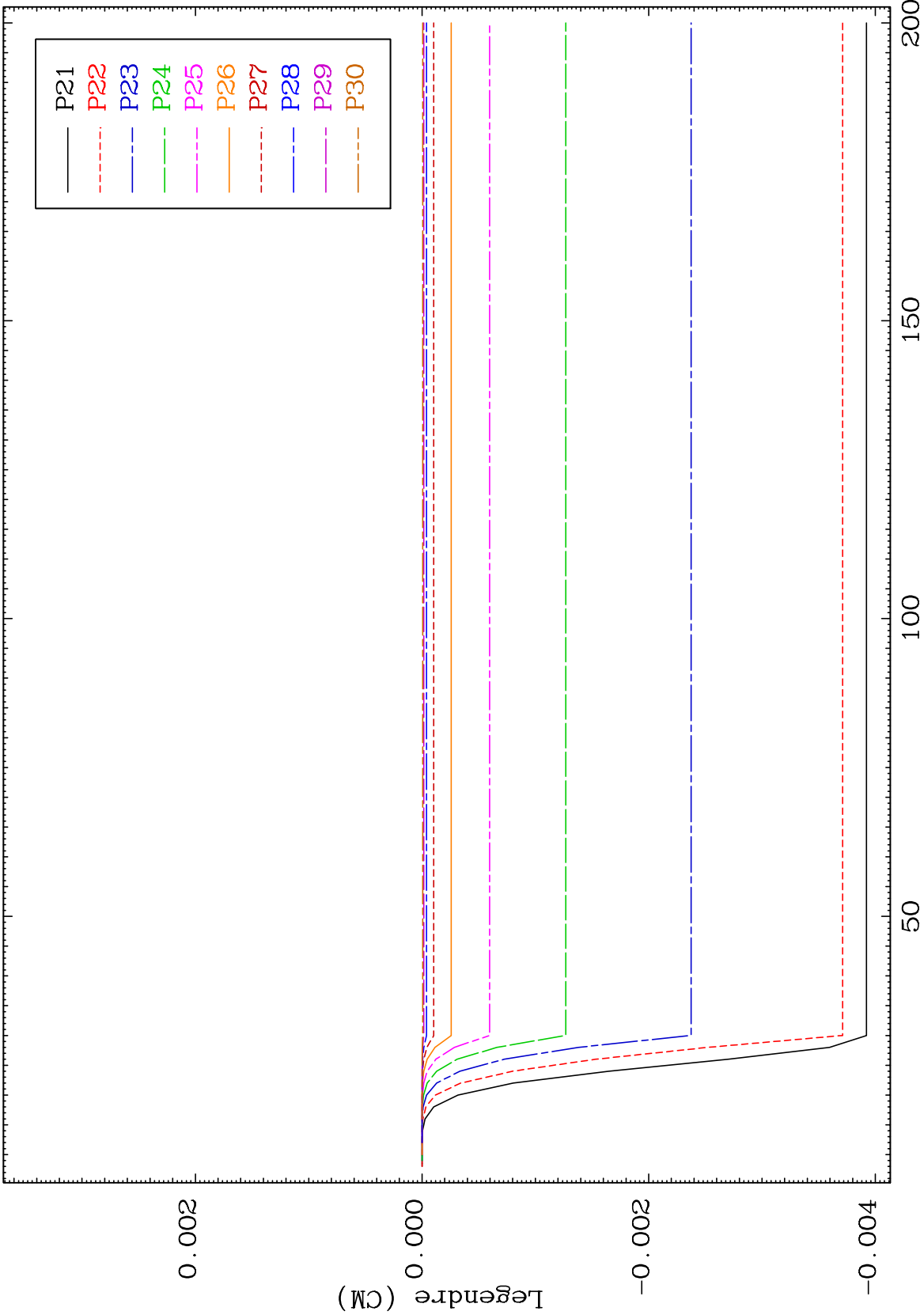
Incident Energy (MeV)

88-Ra-208

MAT 8780

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

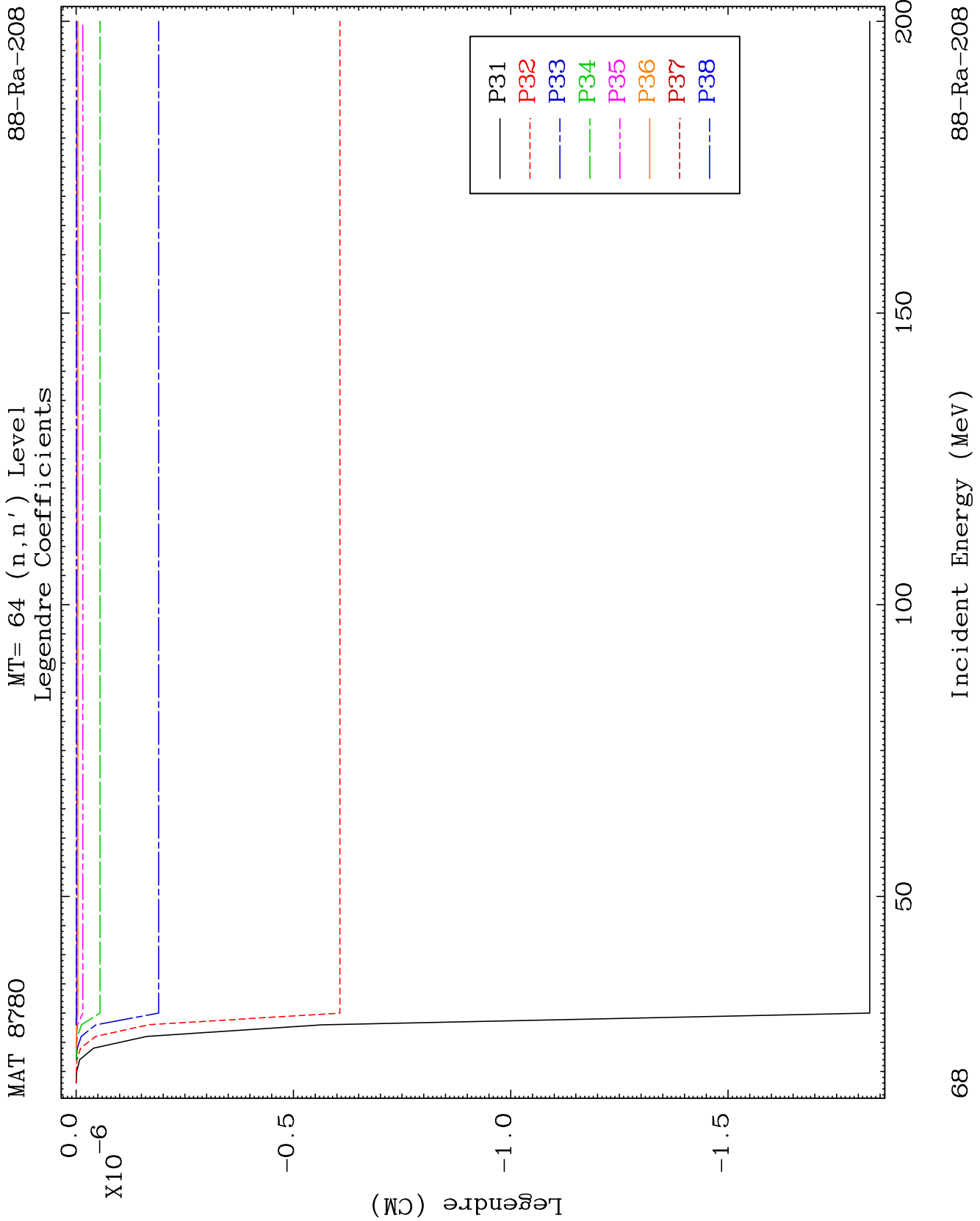
88-Ra-208



67

Incident Energy (MeV)

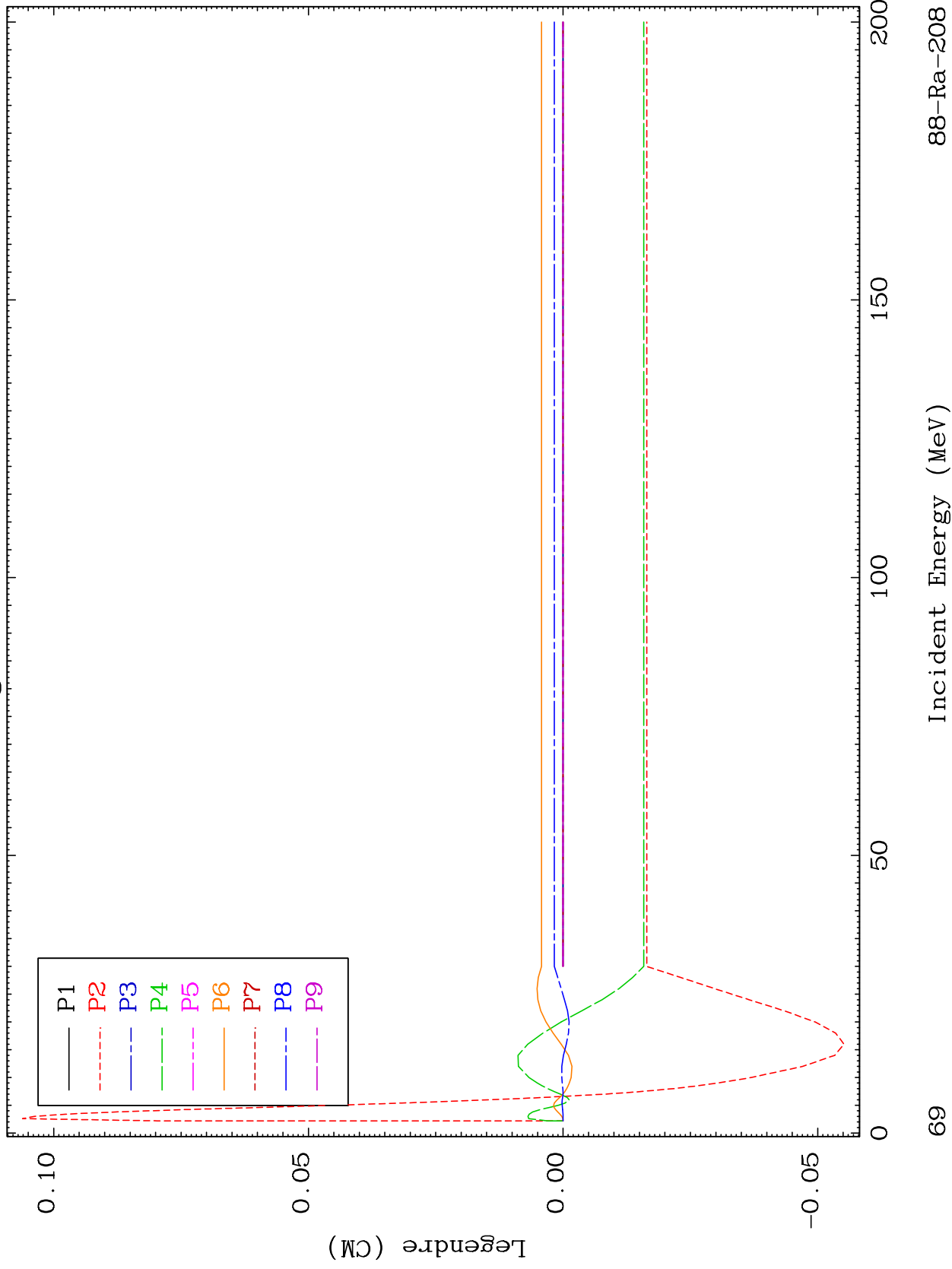
88-Ra-208



MAT 8780

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

88-Ra-208



88-Ra-208

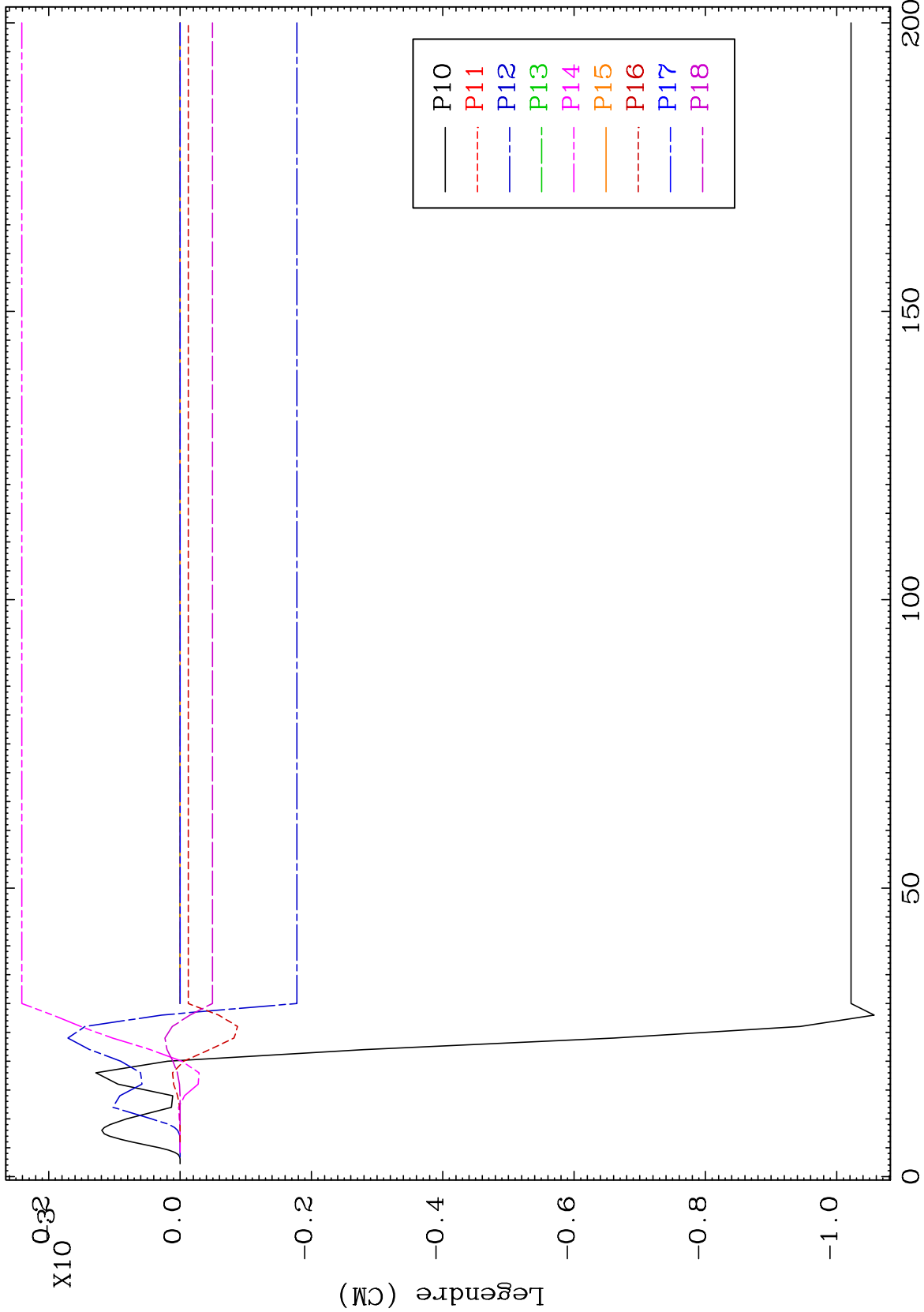
Incident Energy (MeV)

69

MAT 8780

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

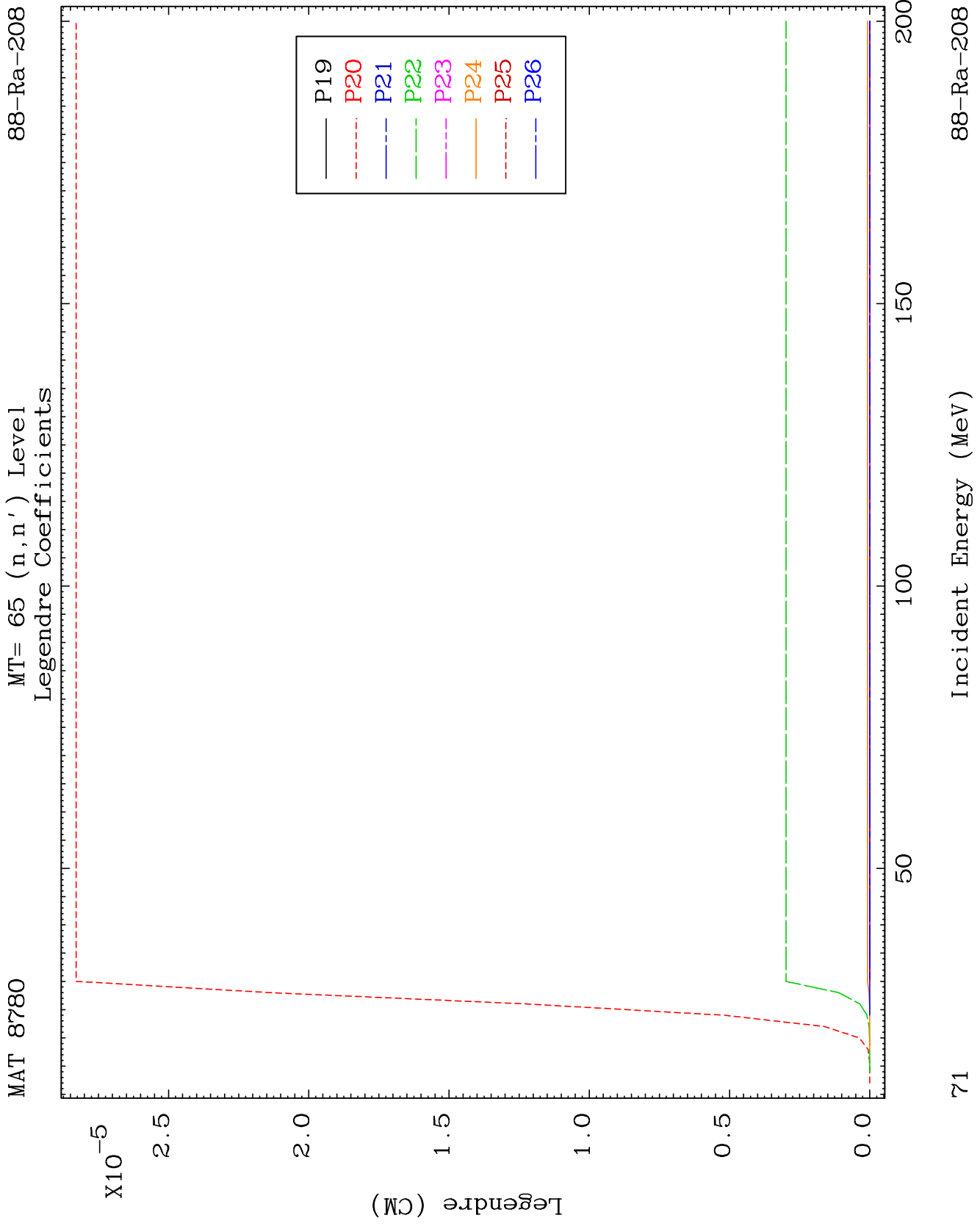
88-Ra-208



70

Incident Energy (MeV)

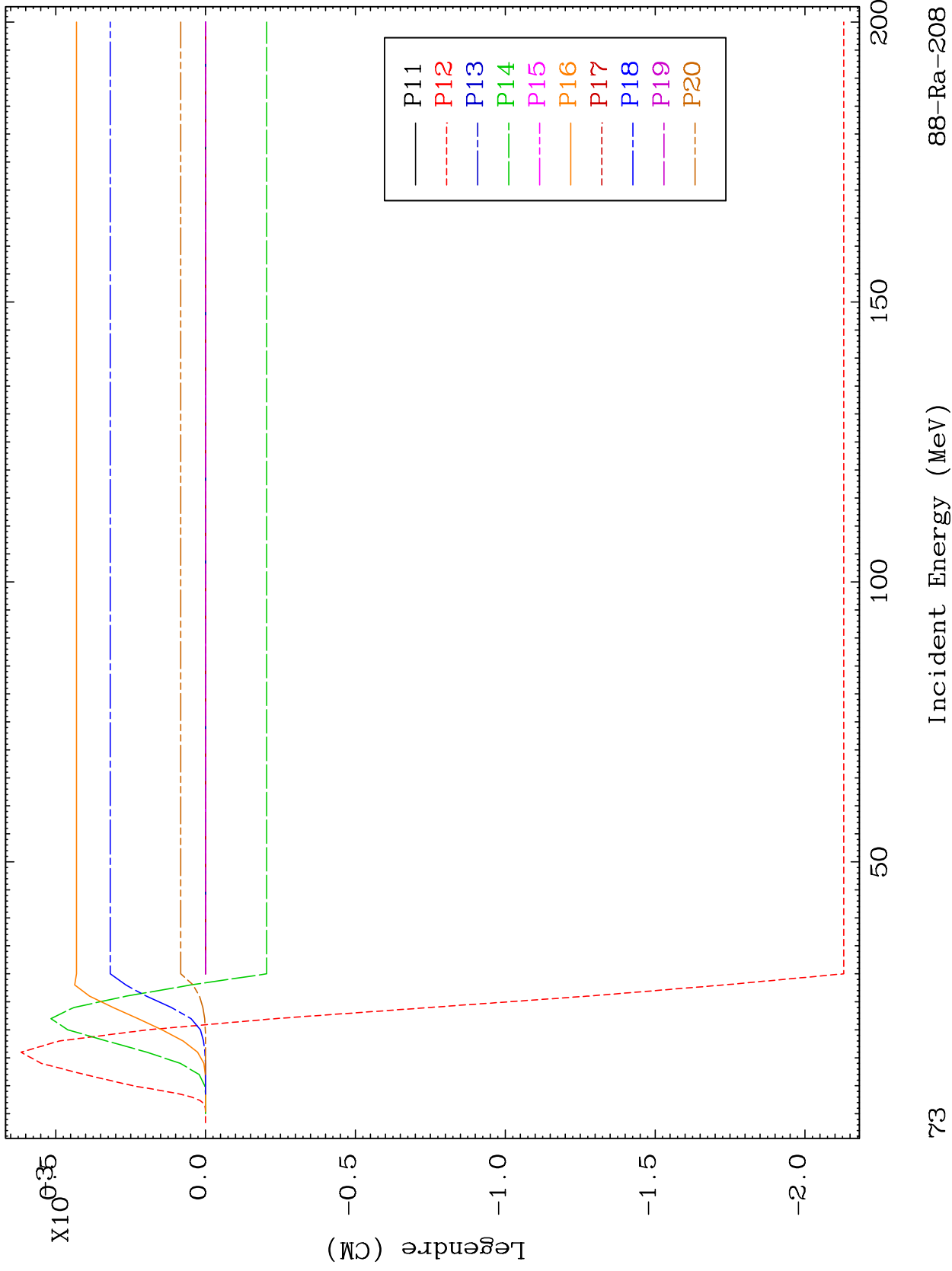
88-Ra-208



MAT 8780

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

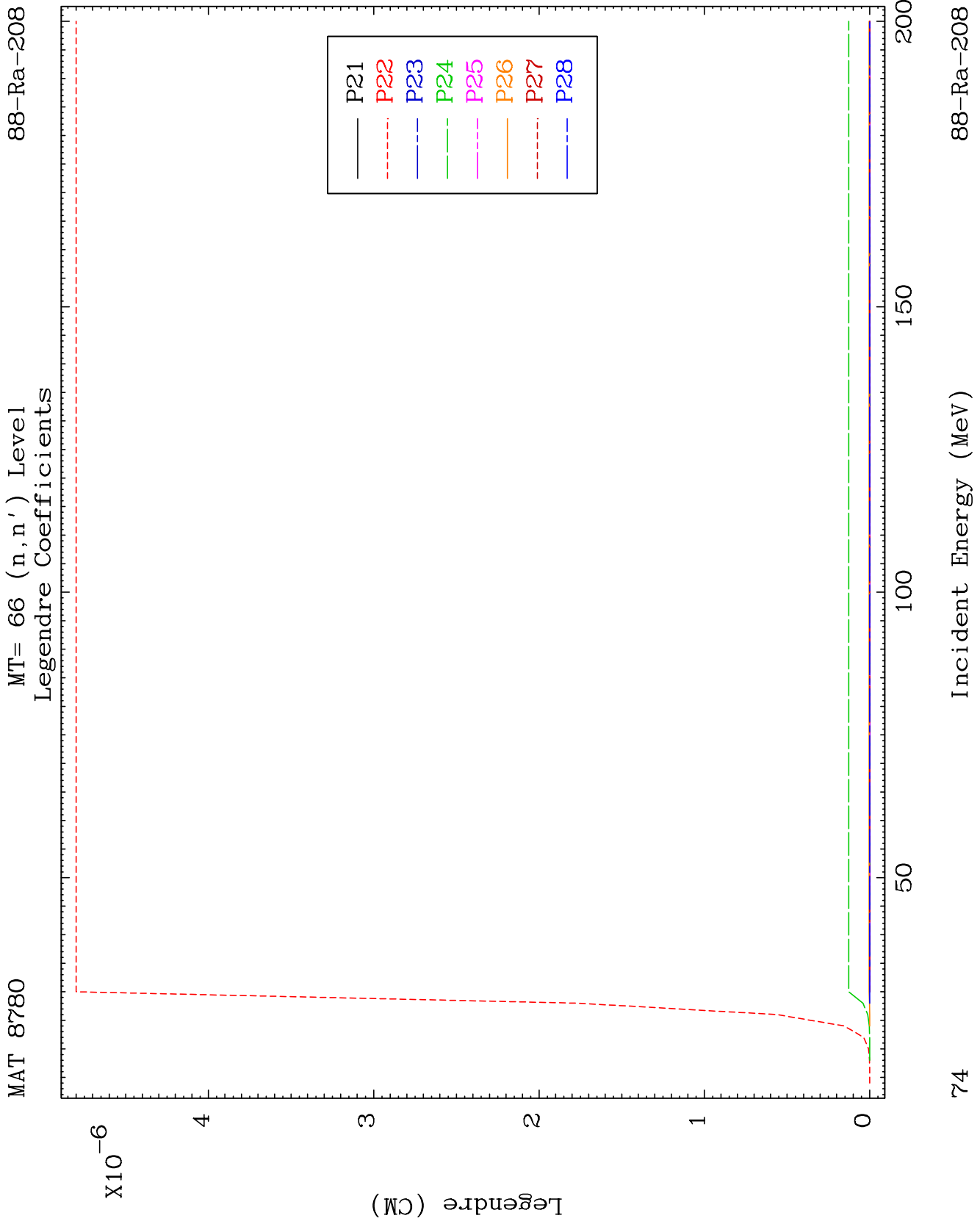
88-Ra-208



73

Incident Energy (MeV)

88-Ra-208

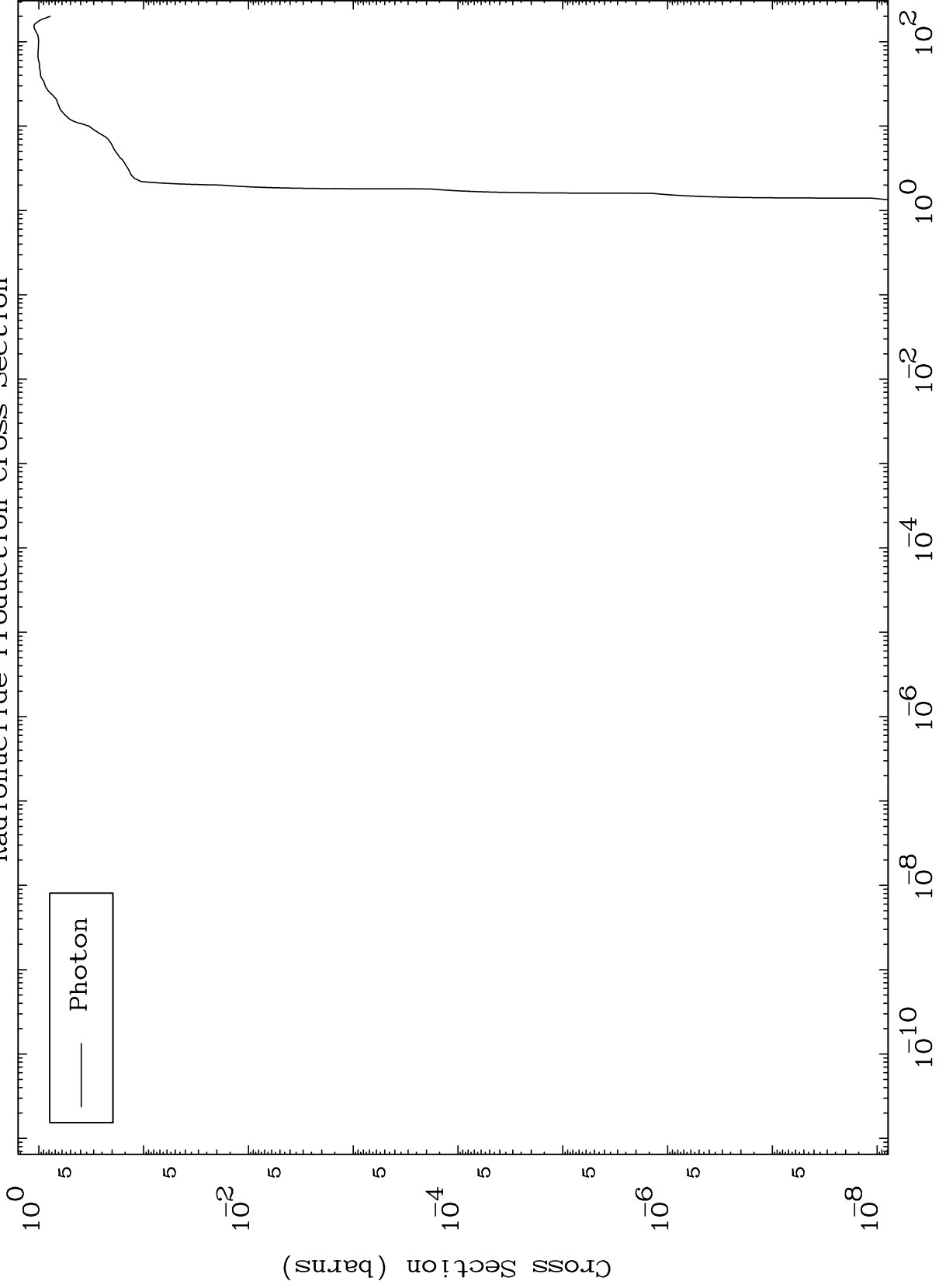


MAT 8780

Fission

88-Ra-208

Radionuclide Production Cross Section



75

Incident Energy (MeV)

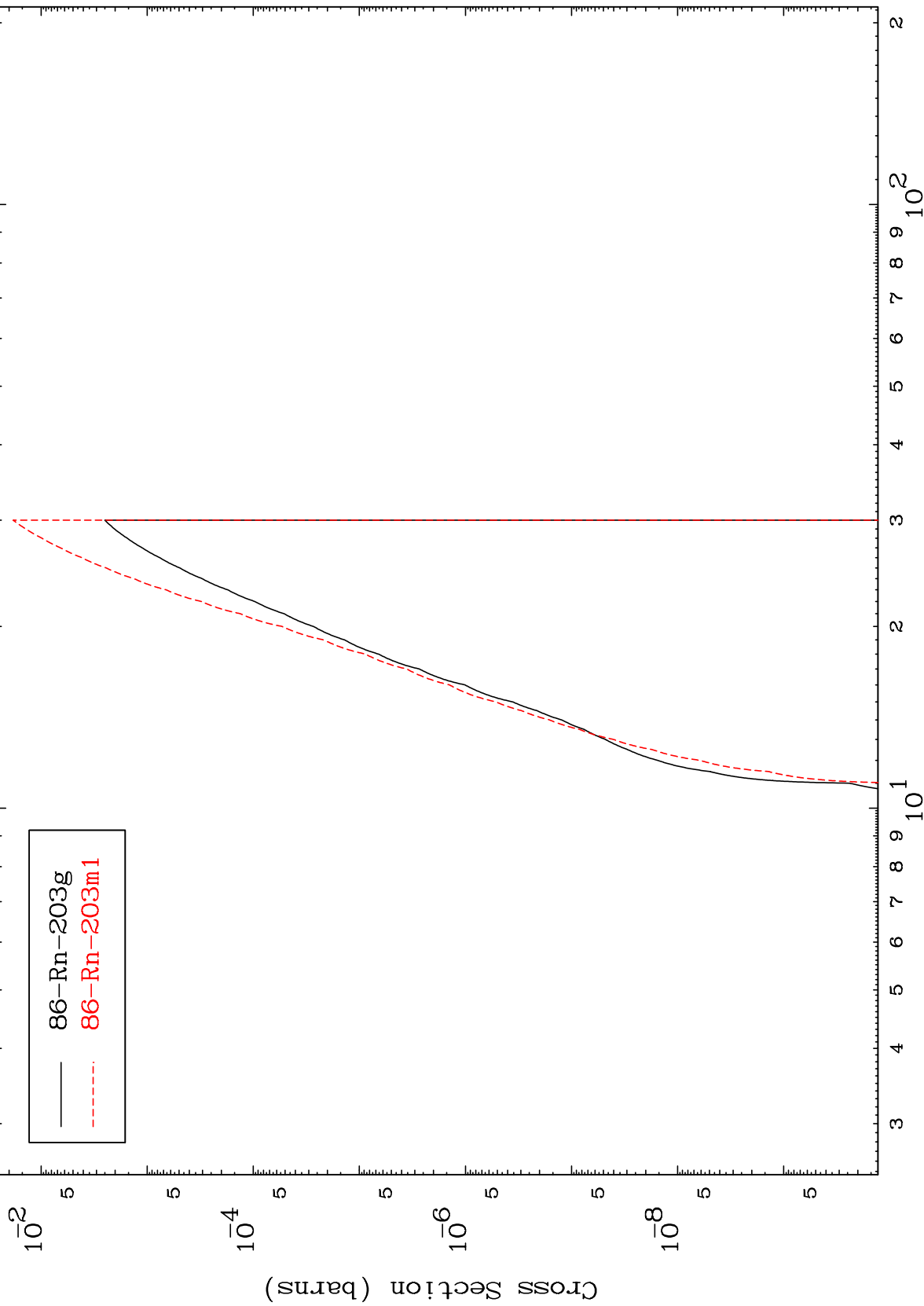
88-Ra-208

MAT 8780

(n,2n) α

88-Ra-208

Radionuclide Production Cross Section



86-Rn-203g
86-Rn-203m1

76

Incident Energy (MeV)

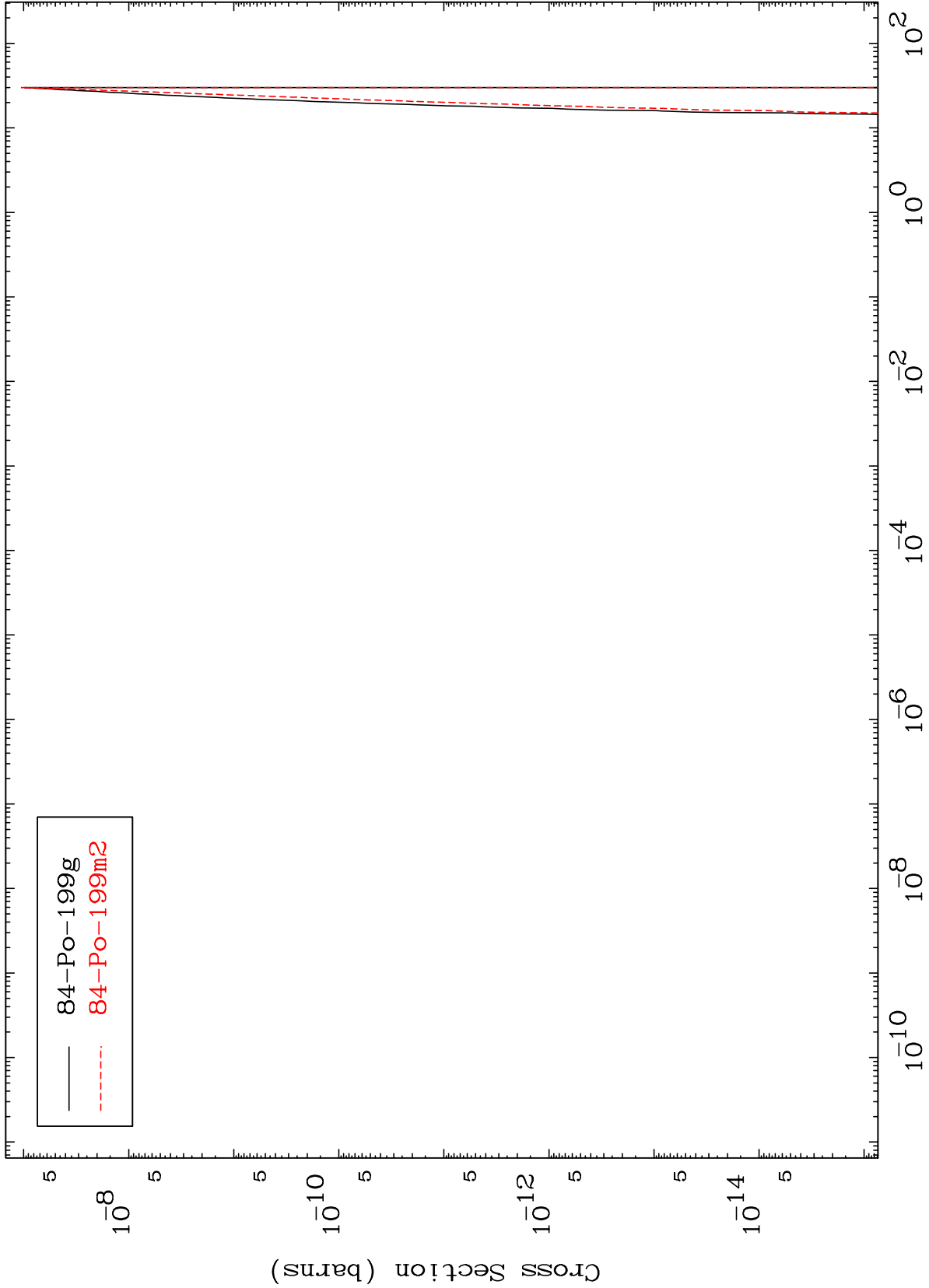
88-Ra-208

MAT 8780

(n,2n) 2 α

88-Ra-208

Radionuclide Production Cross Section



84-Po-199g
84-Po-199m2

77

Incident Energy (MeV)

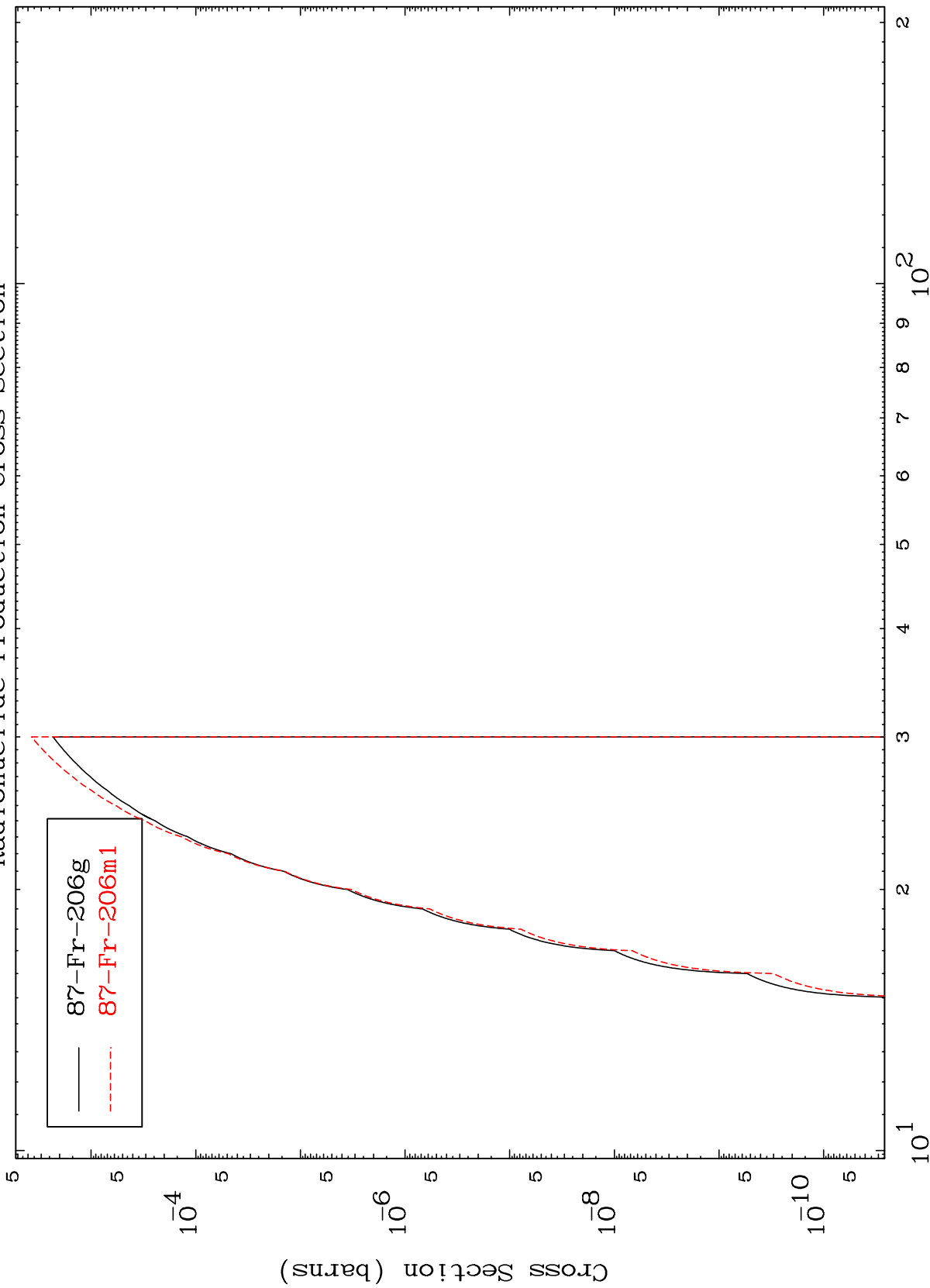
88-Ra-208

MAT 8780

(n,n') d

88-Ra-208

Radionuclide Production Cross Section



Incident Energy (MeV)

88-Ra-208

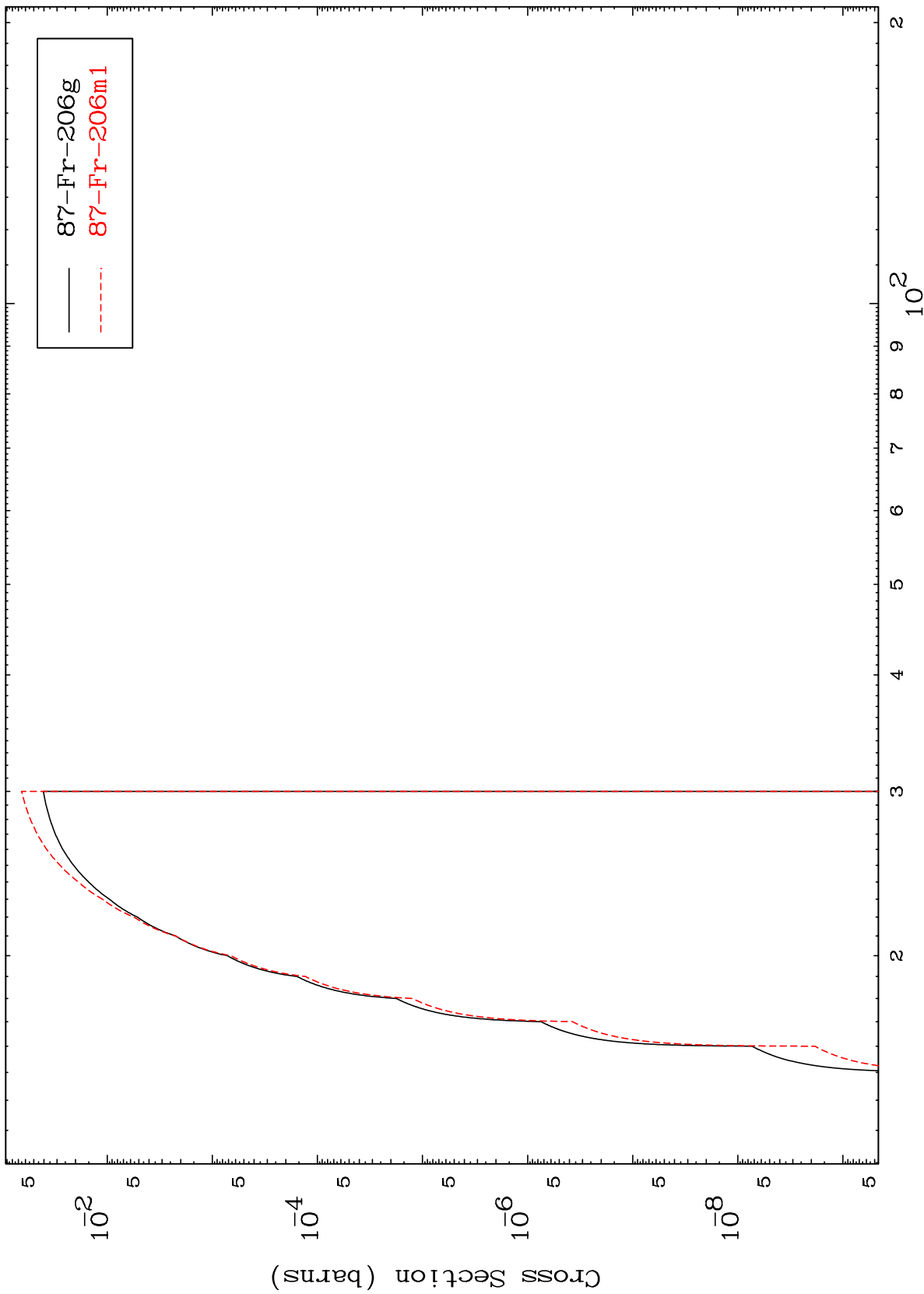
78

MAT 8780

(n,2n) p

88-Ra-208

Radionuclide Production Cross Section



79

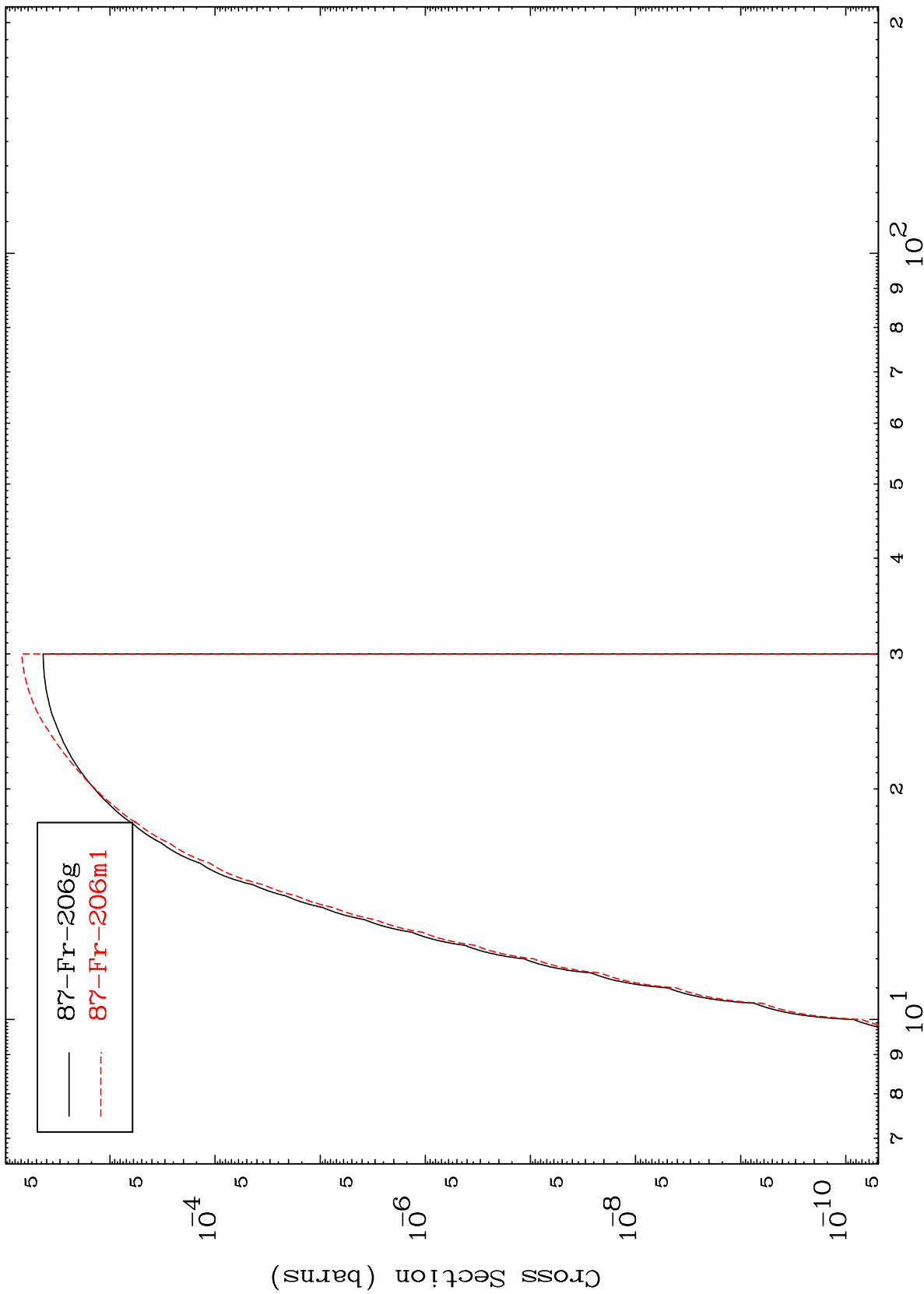
Incident Energy (MeV)

88-Ra-208

MAT 8780

88-Ra-208

(n, t)
Radionuclide Production Cross Section



80

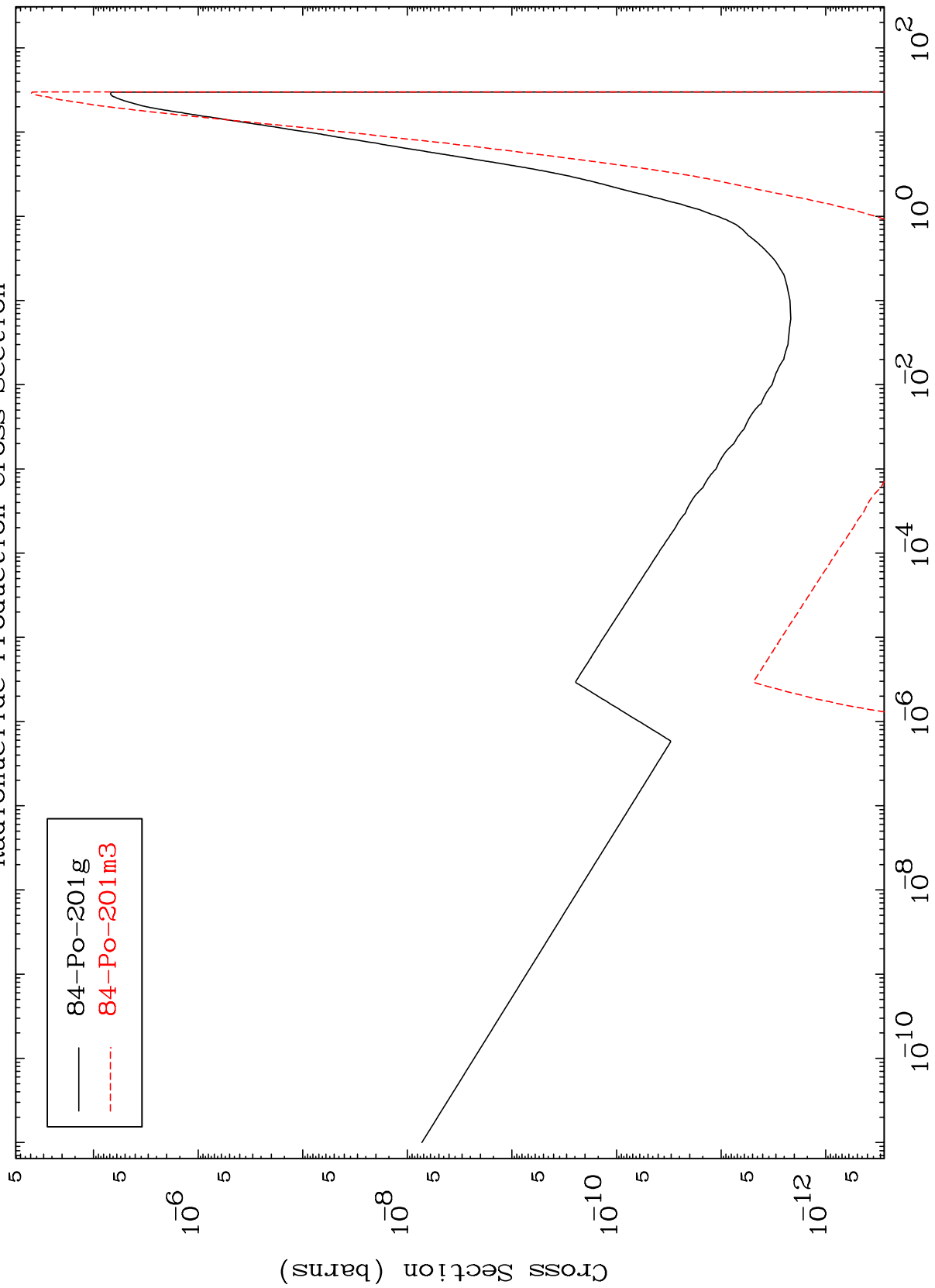
Incident Energy (MeV)

88-Ra-208

MAT 8780

88-Ra-208

Radionuclide Production Cross Section
(n,2α)

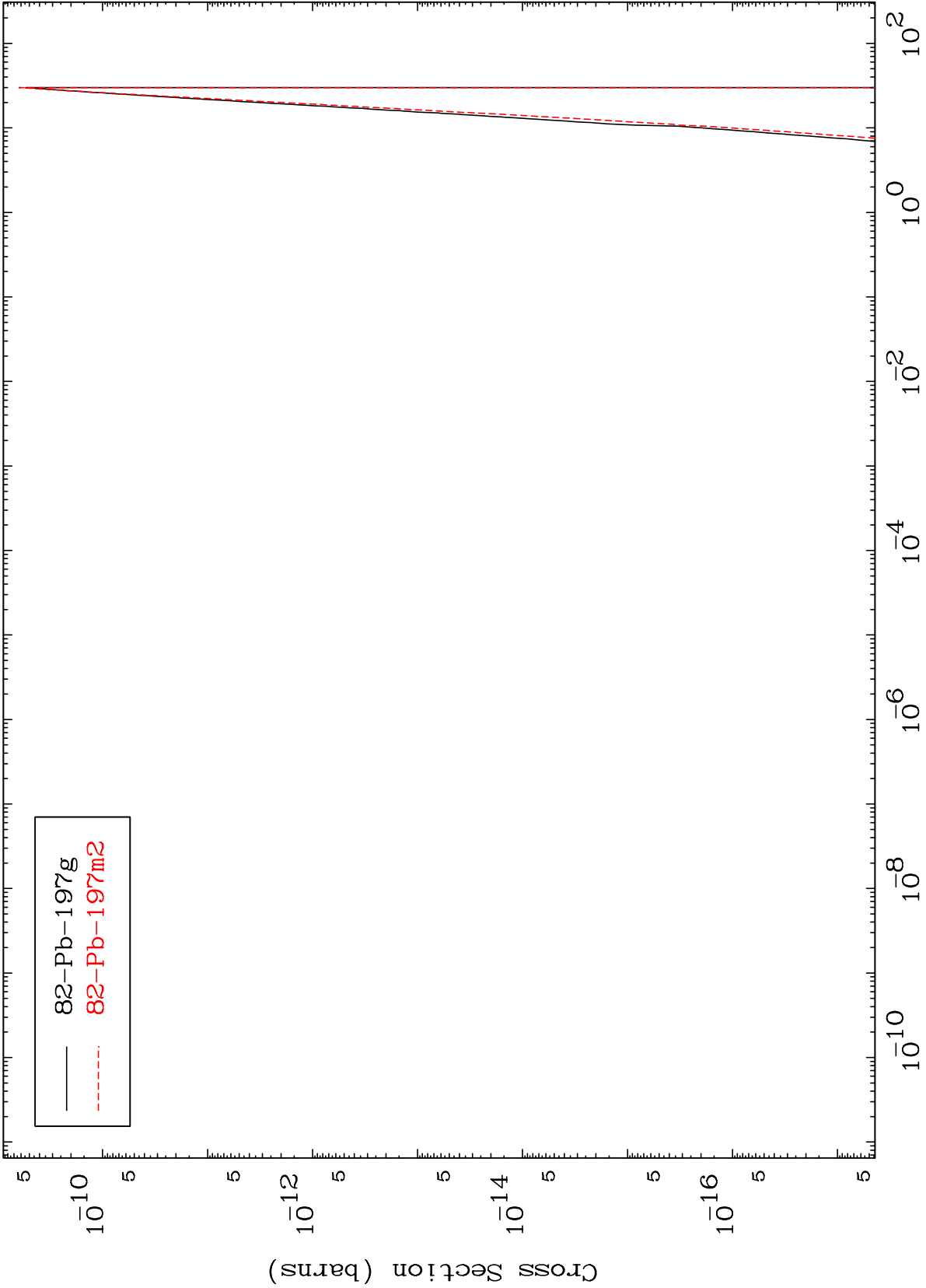


MAT 8780

(n, 3α)

88-Ra-208

Radionuclide Production Cross Section



82-Pb-197g
82-Pb-197m2

82

Incident Energy (MeV)

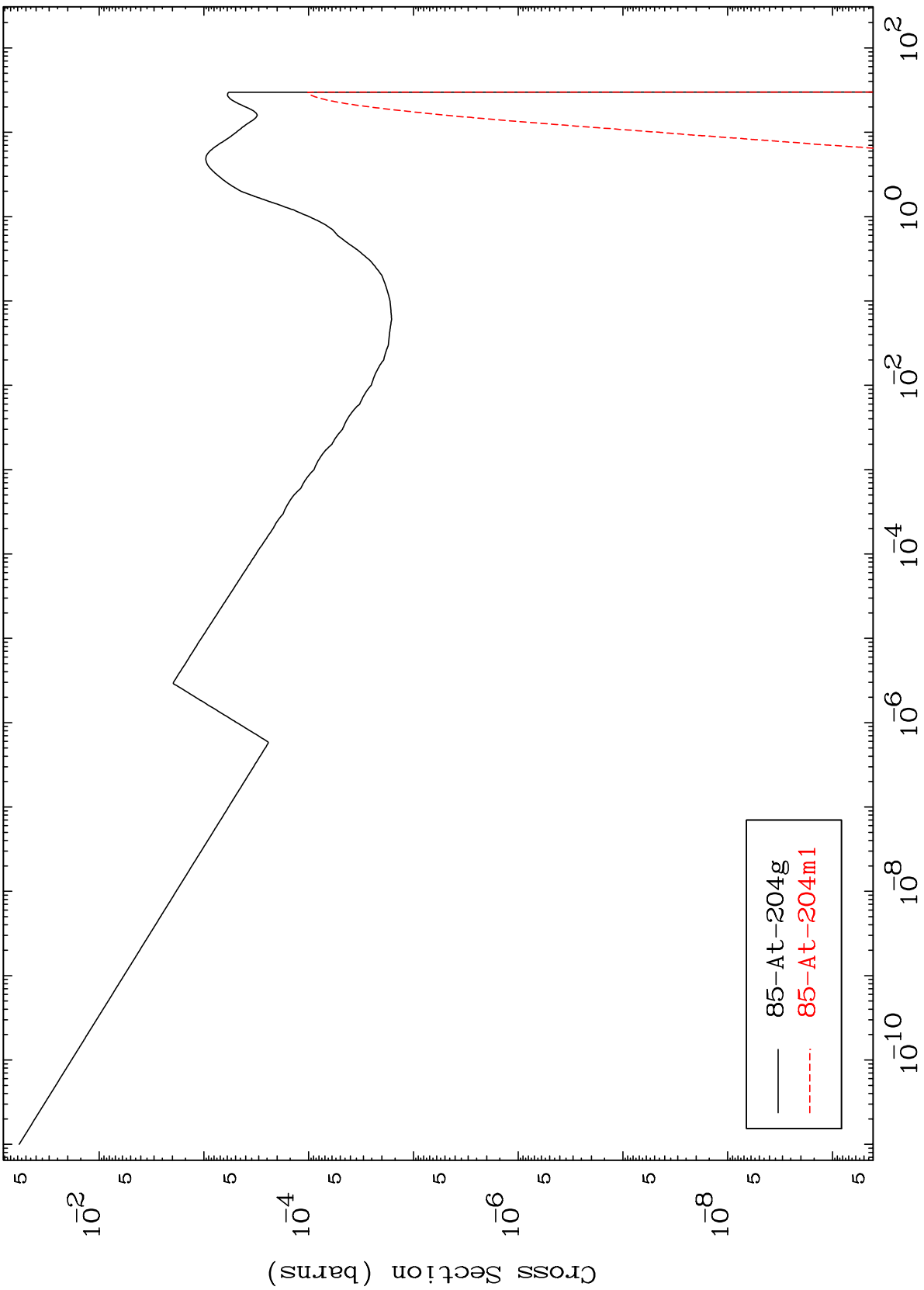
88-Ra-208

MAT 8780

(n,p) α

88-Ra-208

Radionuclide Production Cross Section



883

Incident Energy (MeV)

88-Ra-208