

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

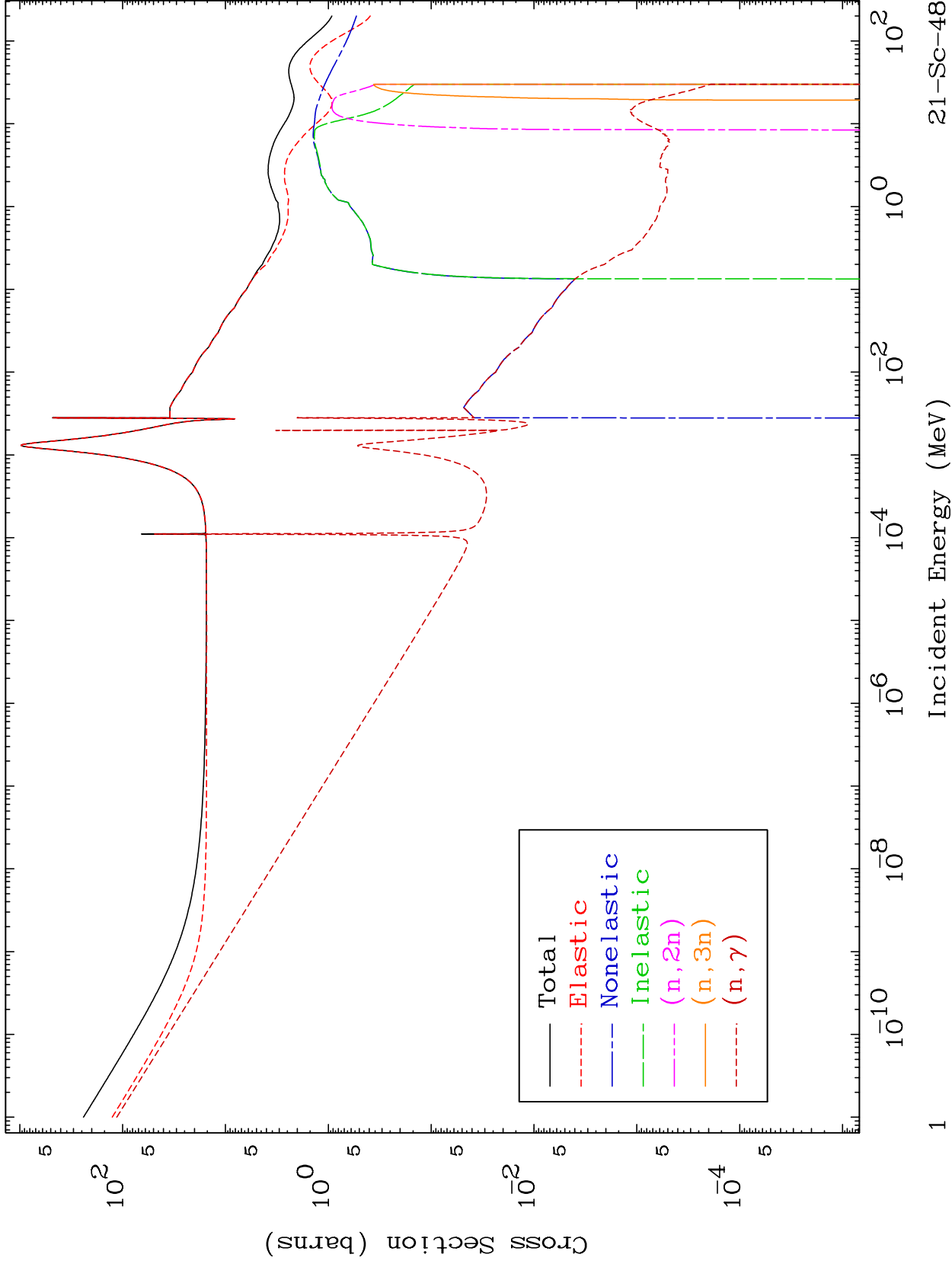
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2134

Neutron Major
293 Kelvin Cross Sections

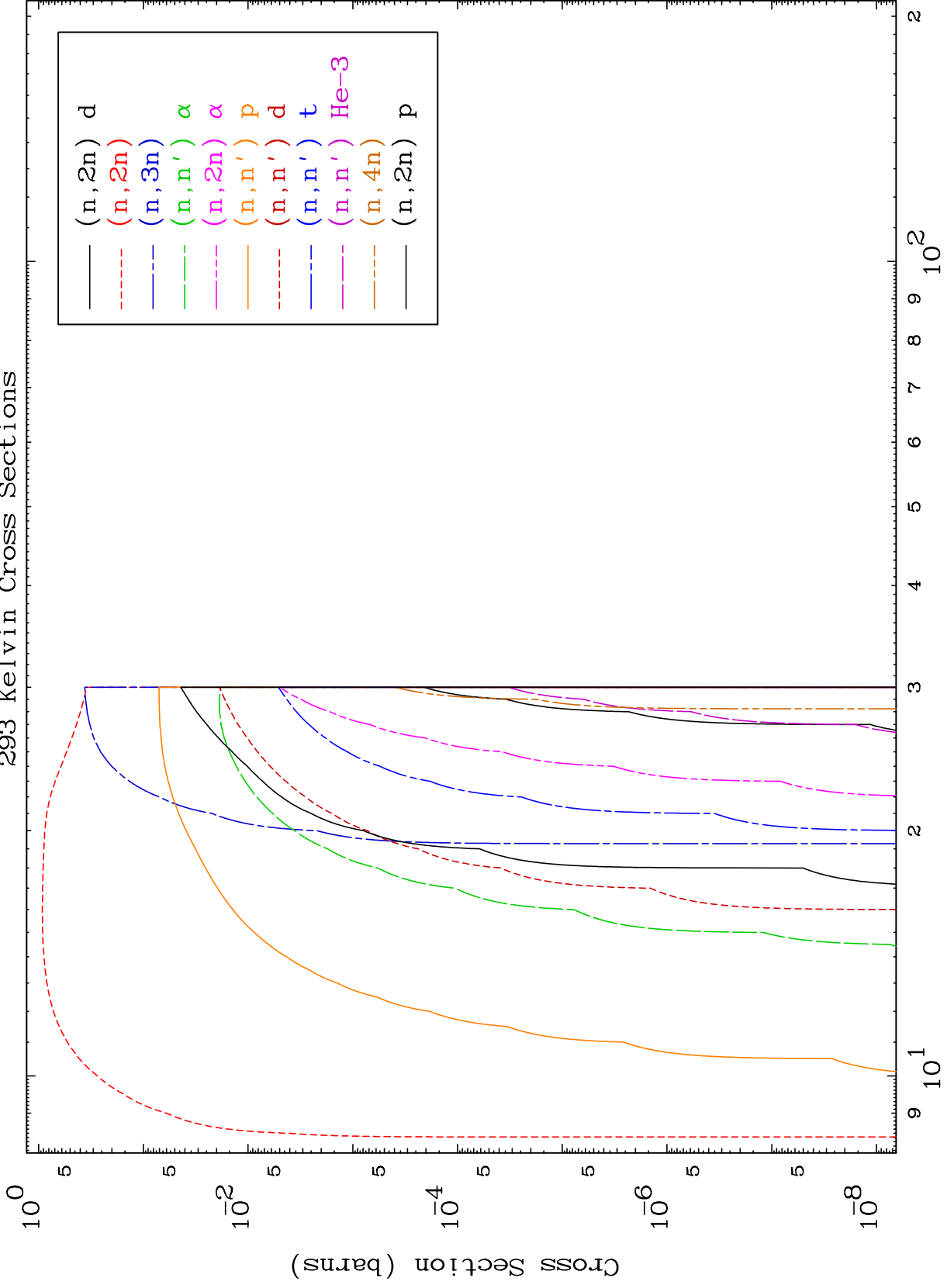
21-Sc-48



MAT 2134

Neutron Absorption
293 Kelvin Cross Sections

21-Sc-48



2

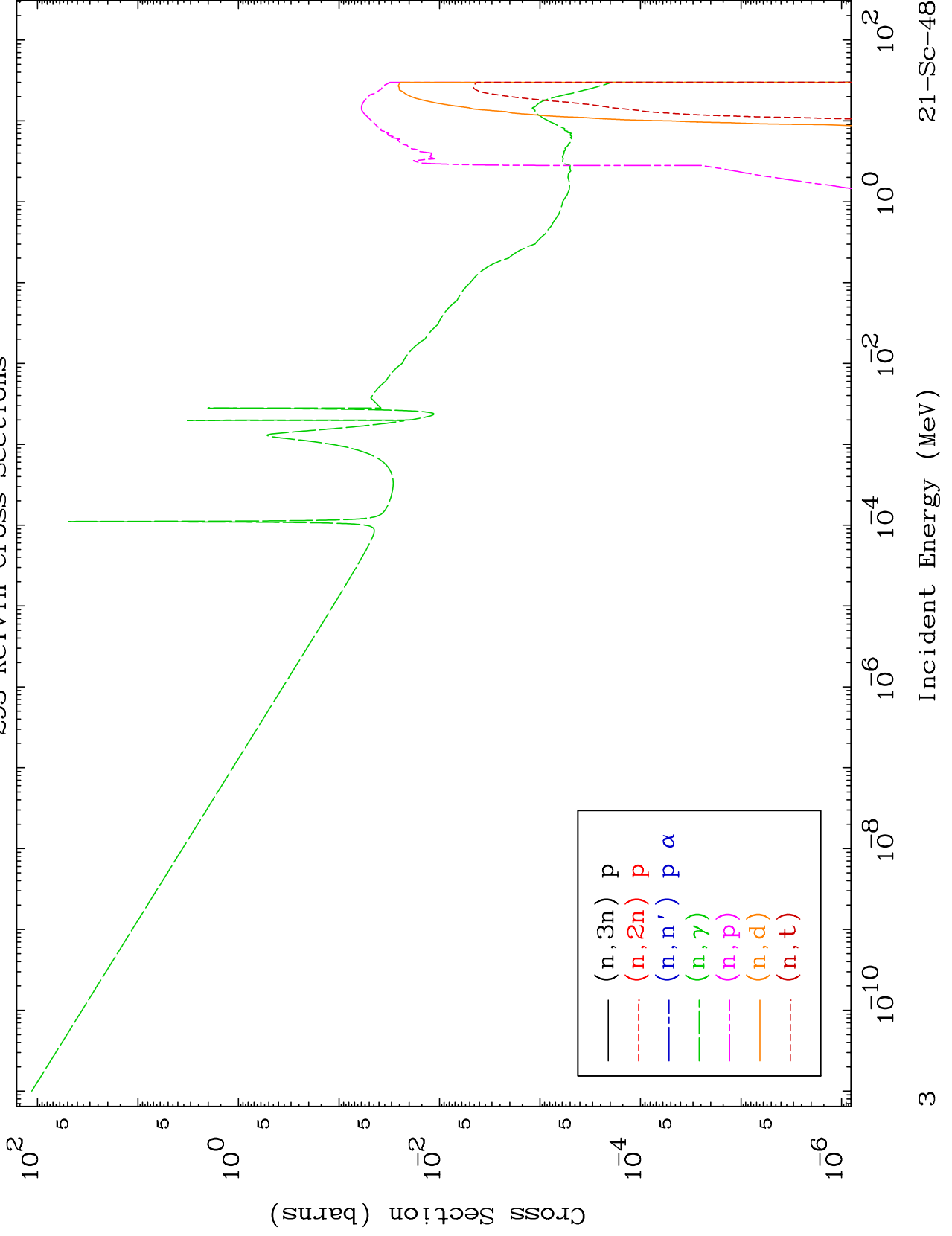
Incident Energy (MeV)

21-Sc-48

MAT 2134

Neutron Absorption
293 Kelvin Cross Sections

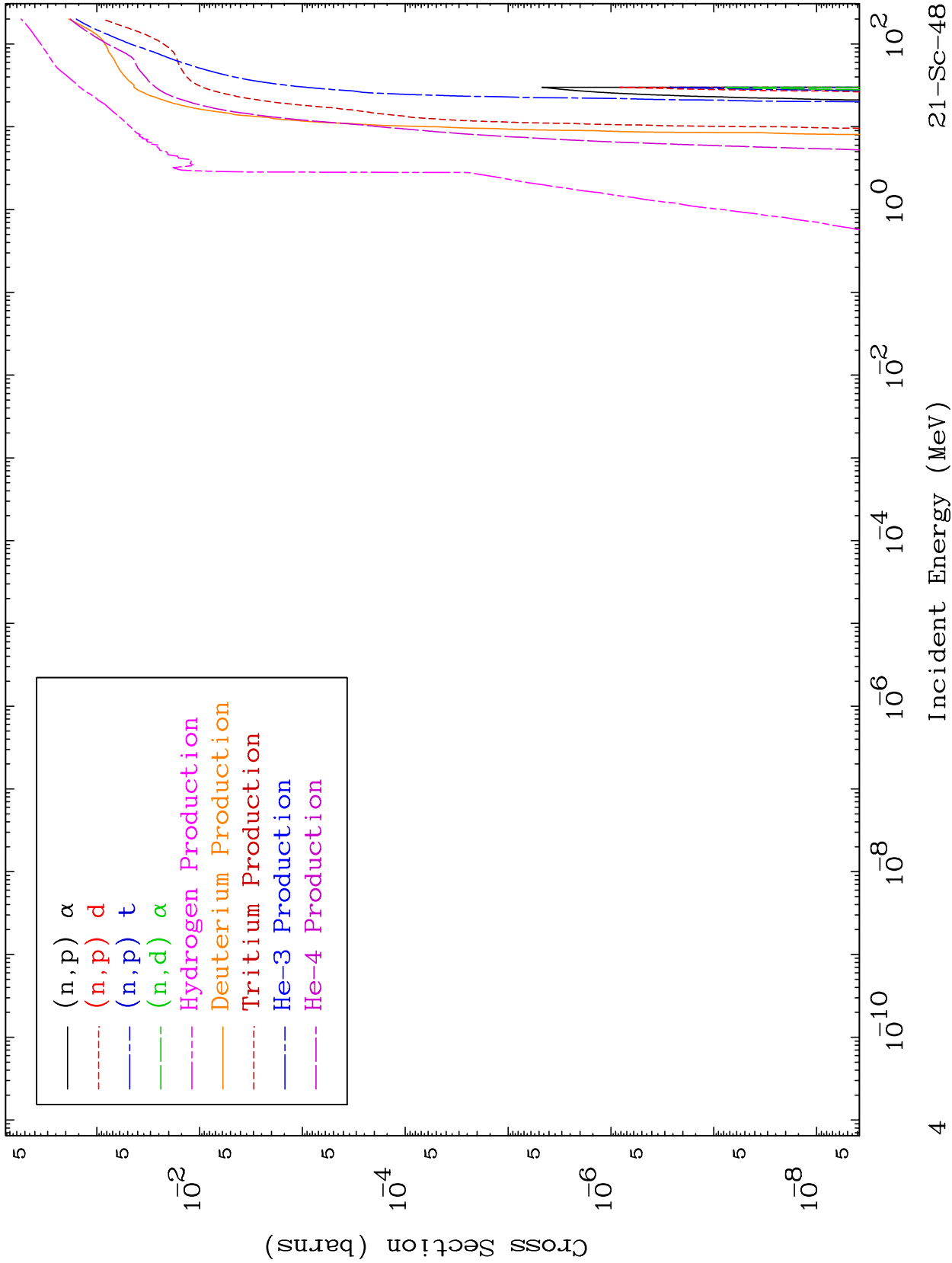
21-Sc-48



MAT 2134

Neutron Absorption
293 Kelvin Cross Sections

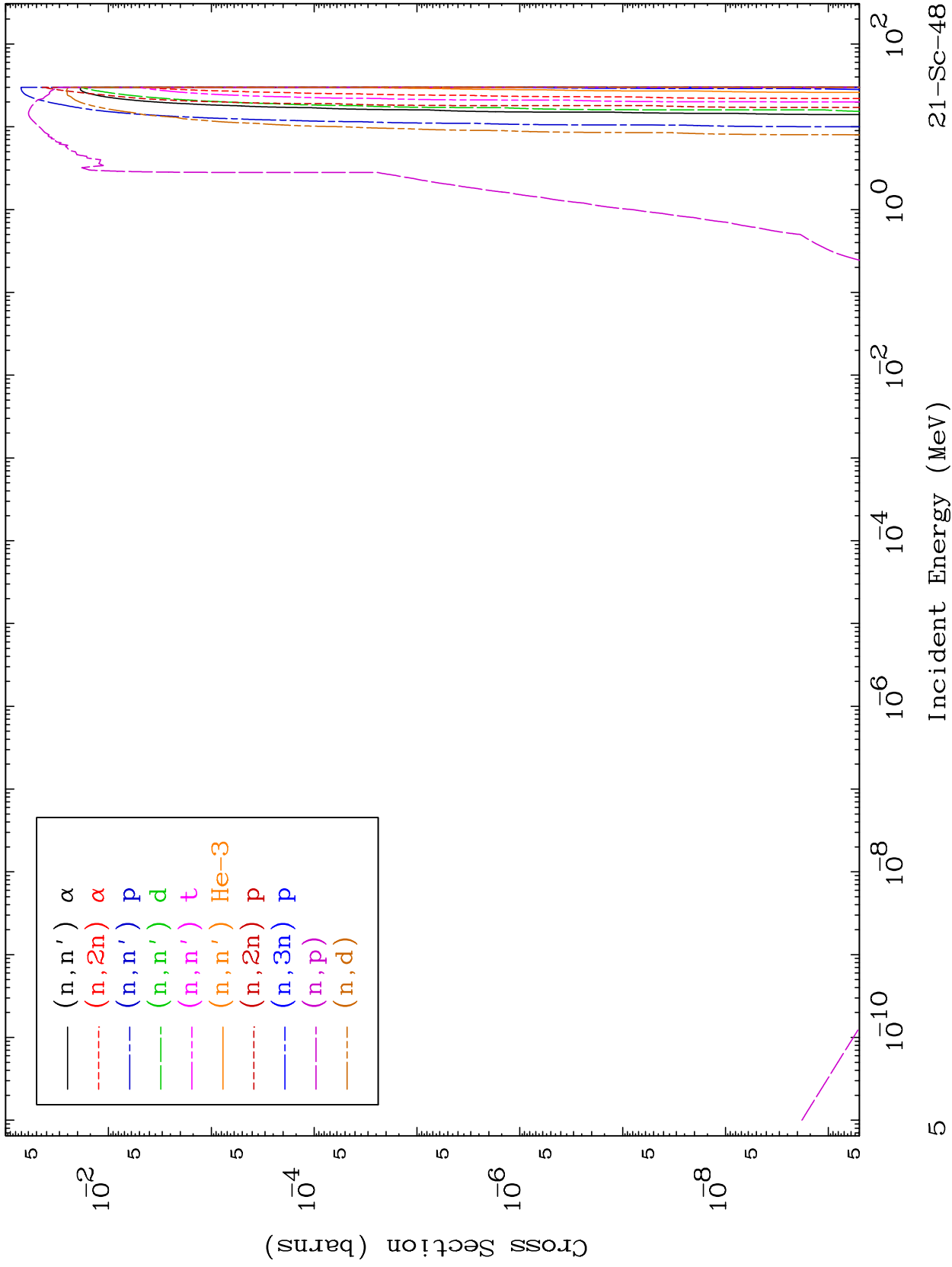
21-Sc-48



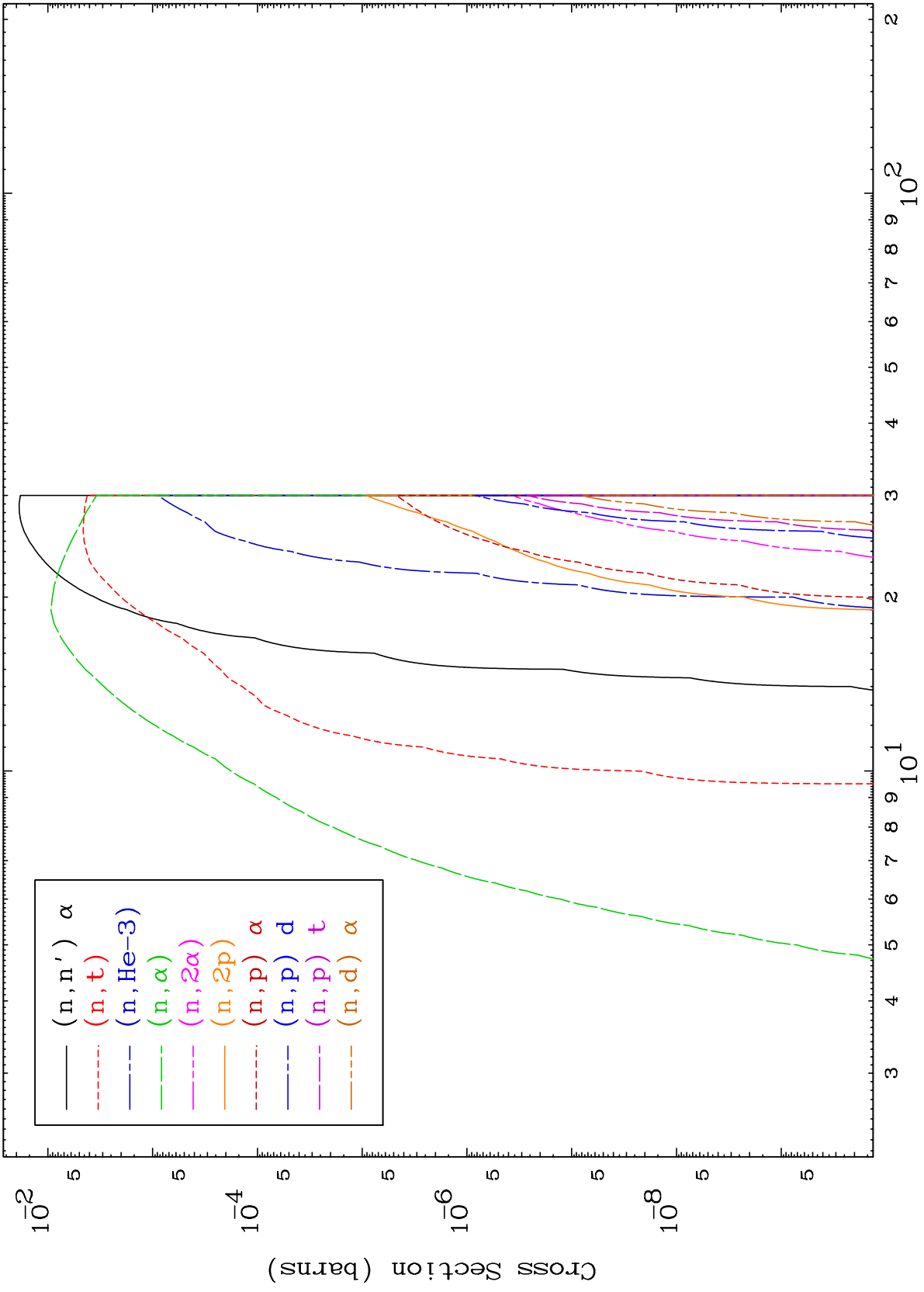
MAT 2134

Charged Particle
293 Kelvin Cross Sections

21-Sc-48



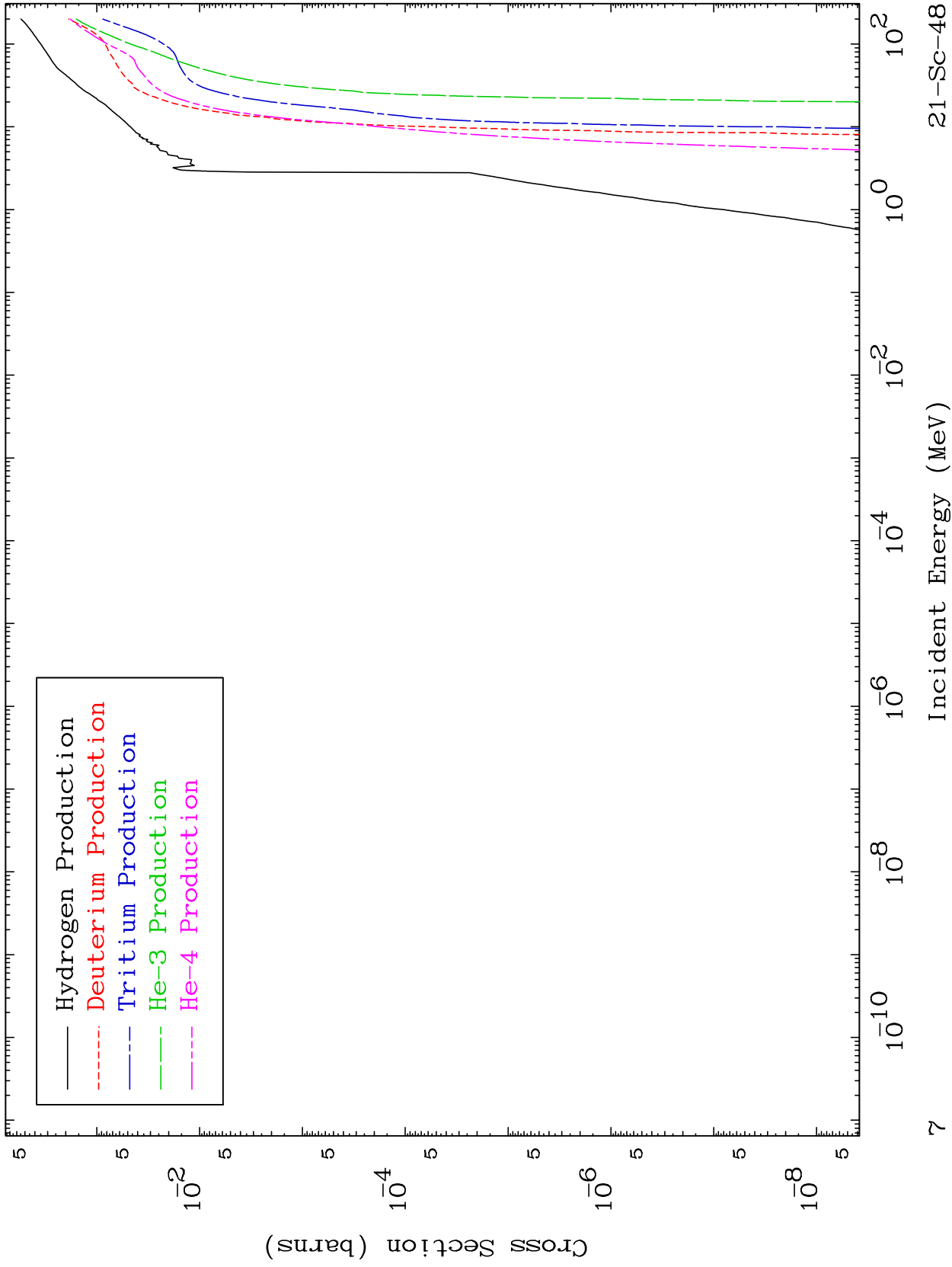
5



MAT 2134

Particle Production
293 Kelvin Cross Sections

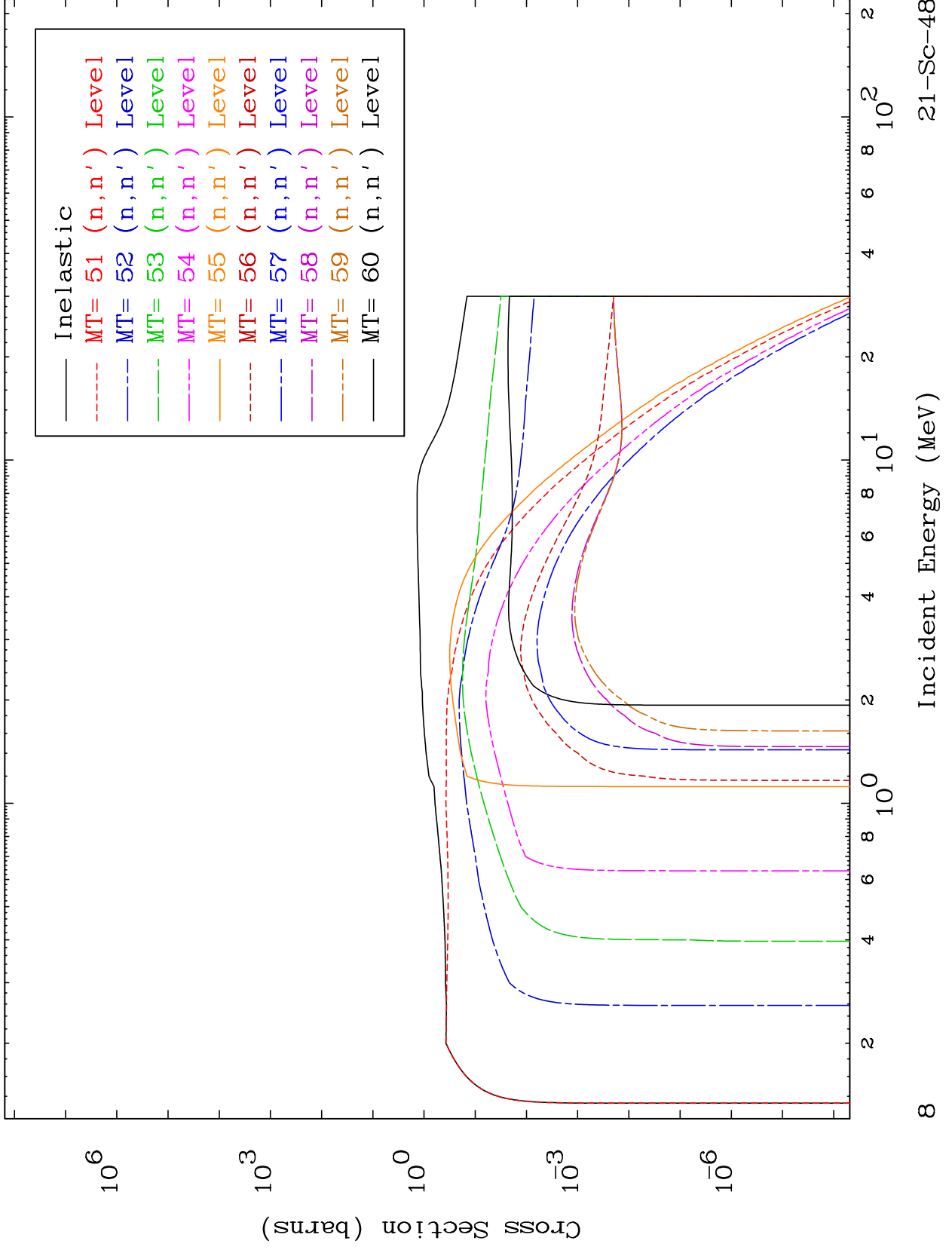
21-Sc-48



MAT 2134

(n,n') Levels
293 Kelvin Cross Sections

21-Sc-48

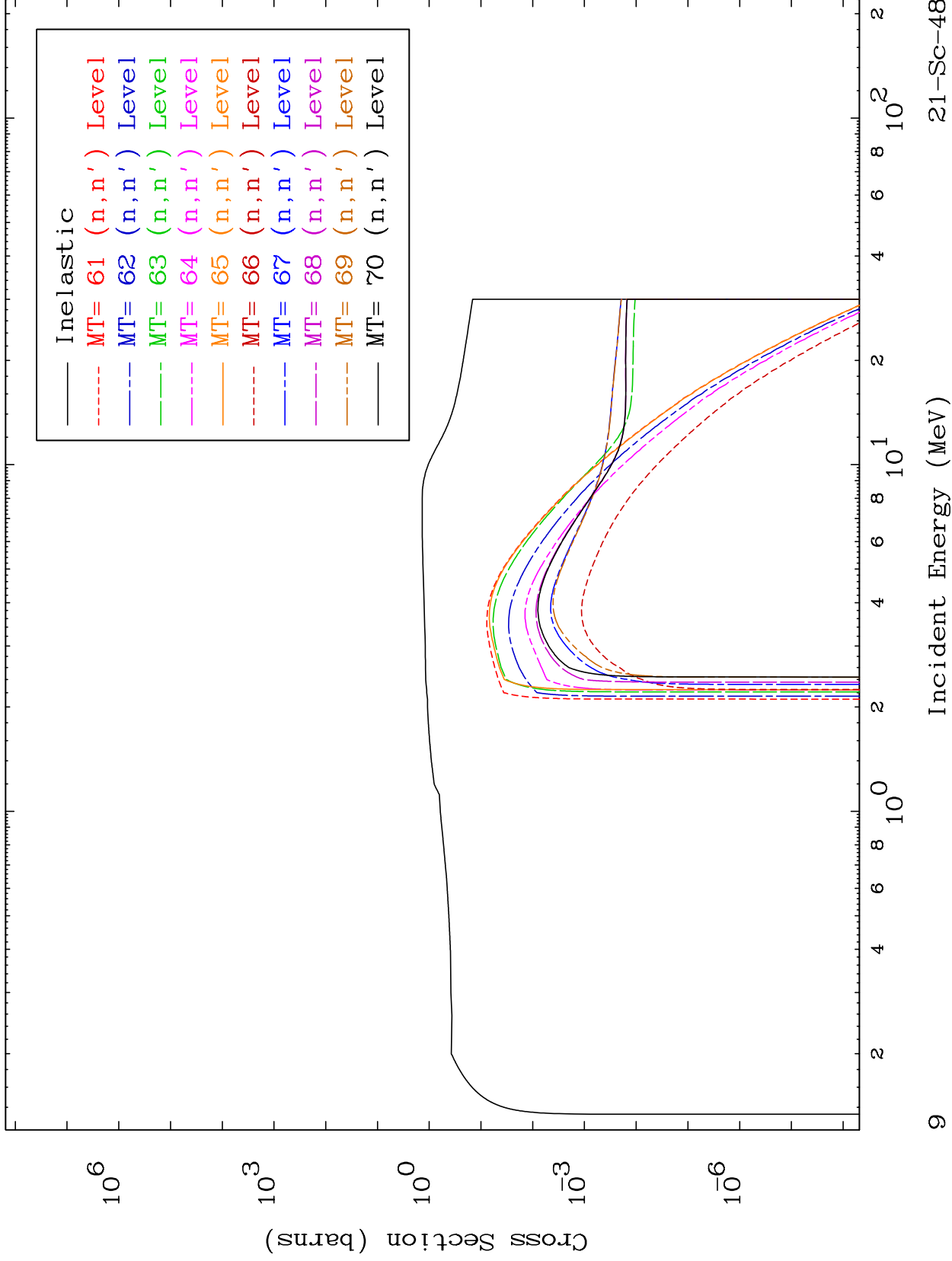


MAT 2134

(n,n') Levels

21-Sc-48

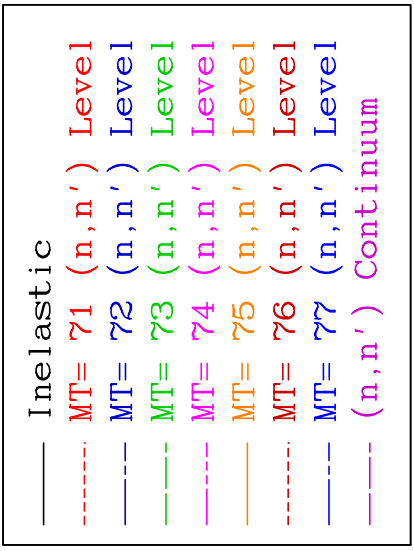
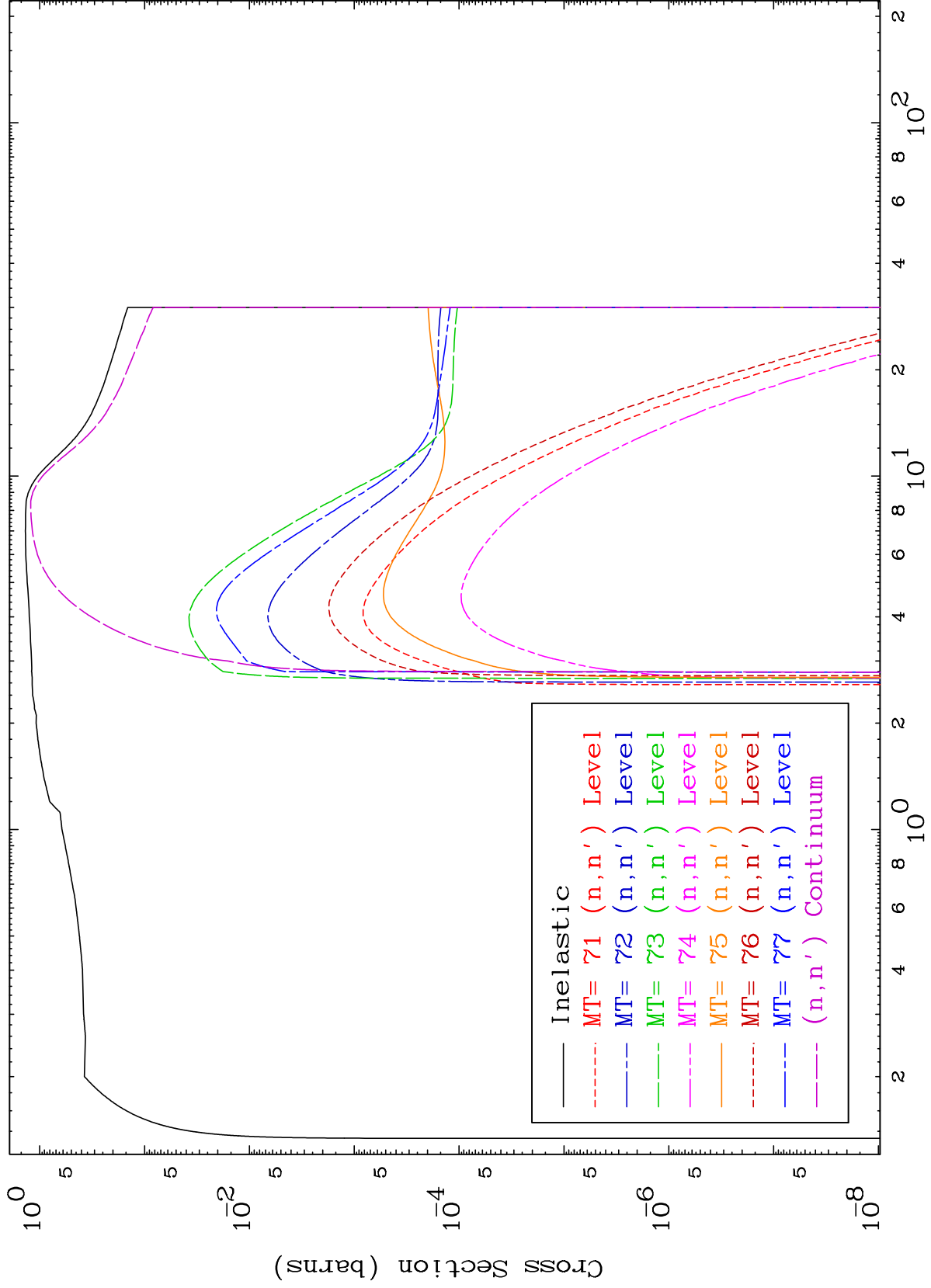
293 Kelvin Cross Sections



MAT 2134

(n,n') Levels
293 Kelvin Cross Sections

21-Sc-48



10

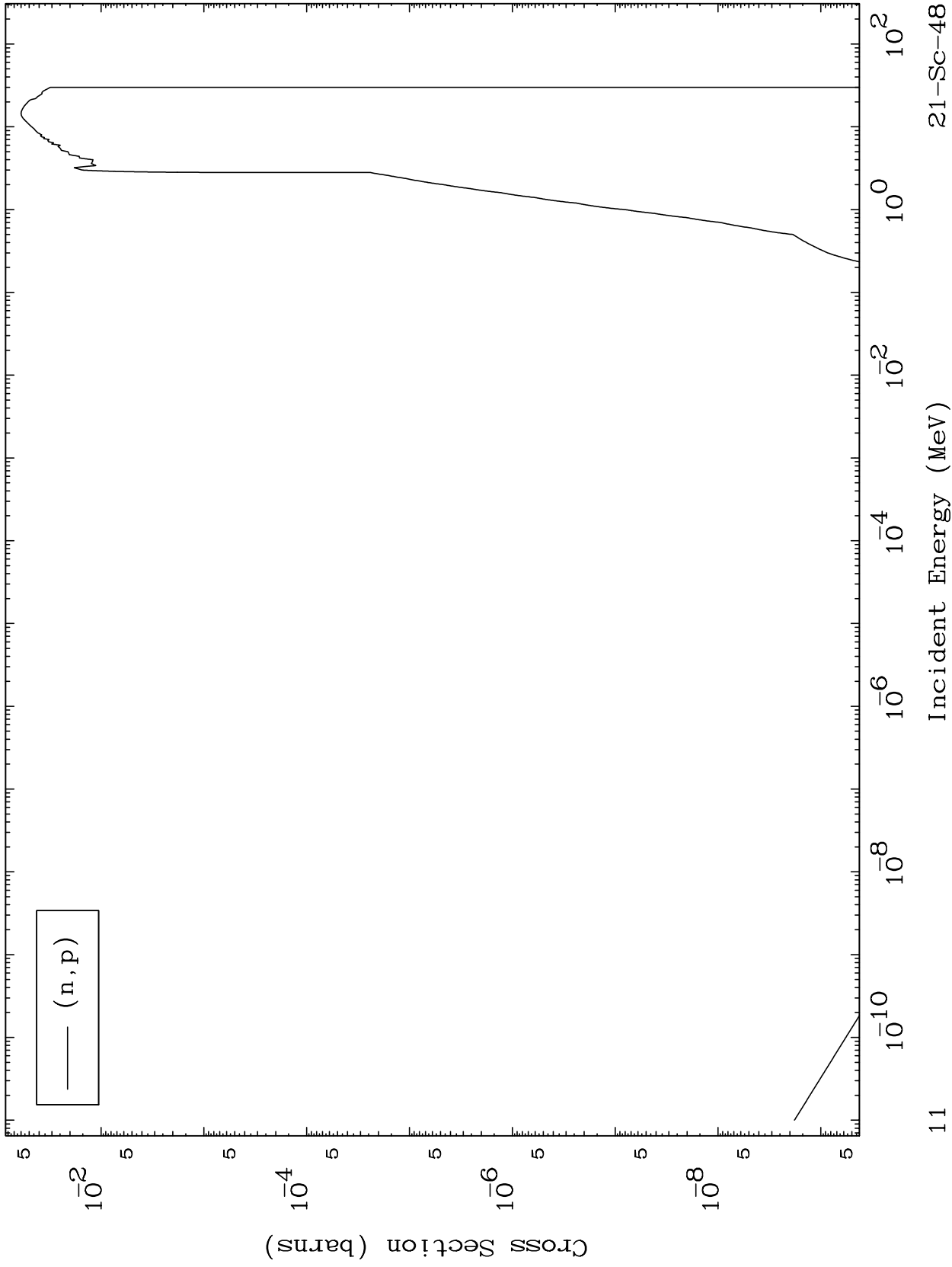
Incident Energy (MeV)

21-Sc-48

MAT 2134

(n,p) Levels
293 Kelvin Cross Sections

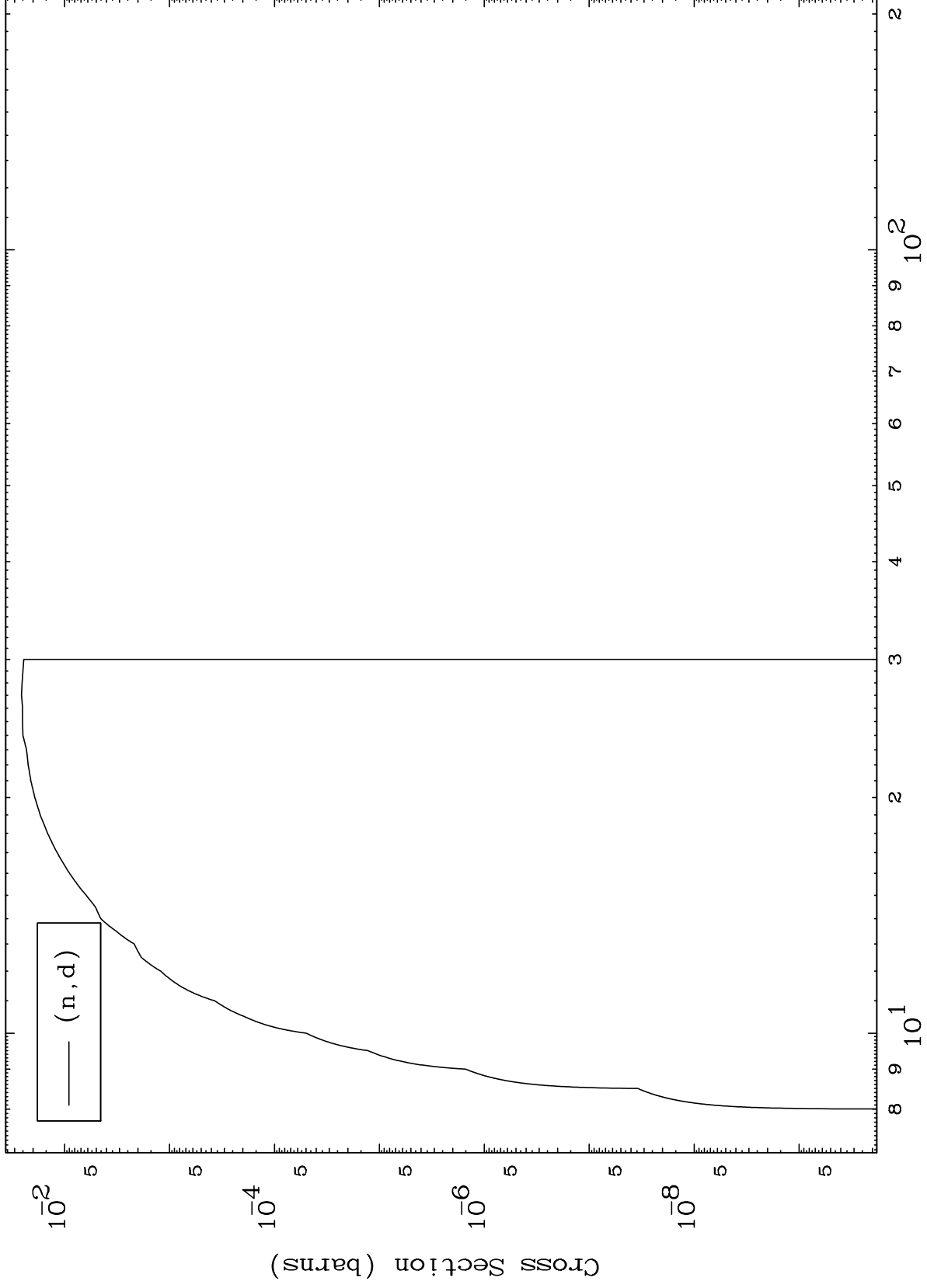
21-Sc-48



MAT 2134

(n,d) Levels
293 Kelvin Cross Sections

21-Sc-48



12

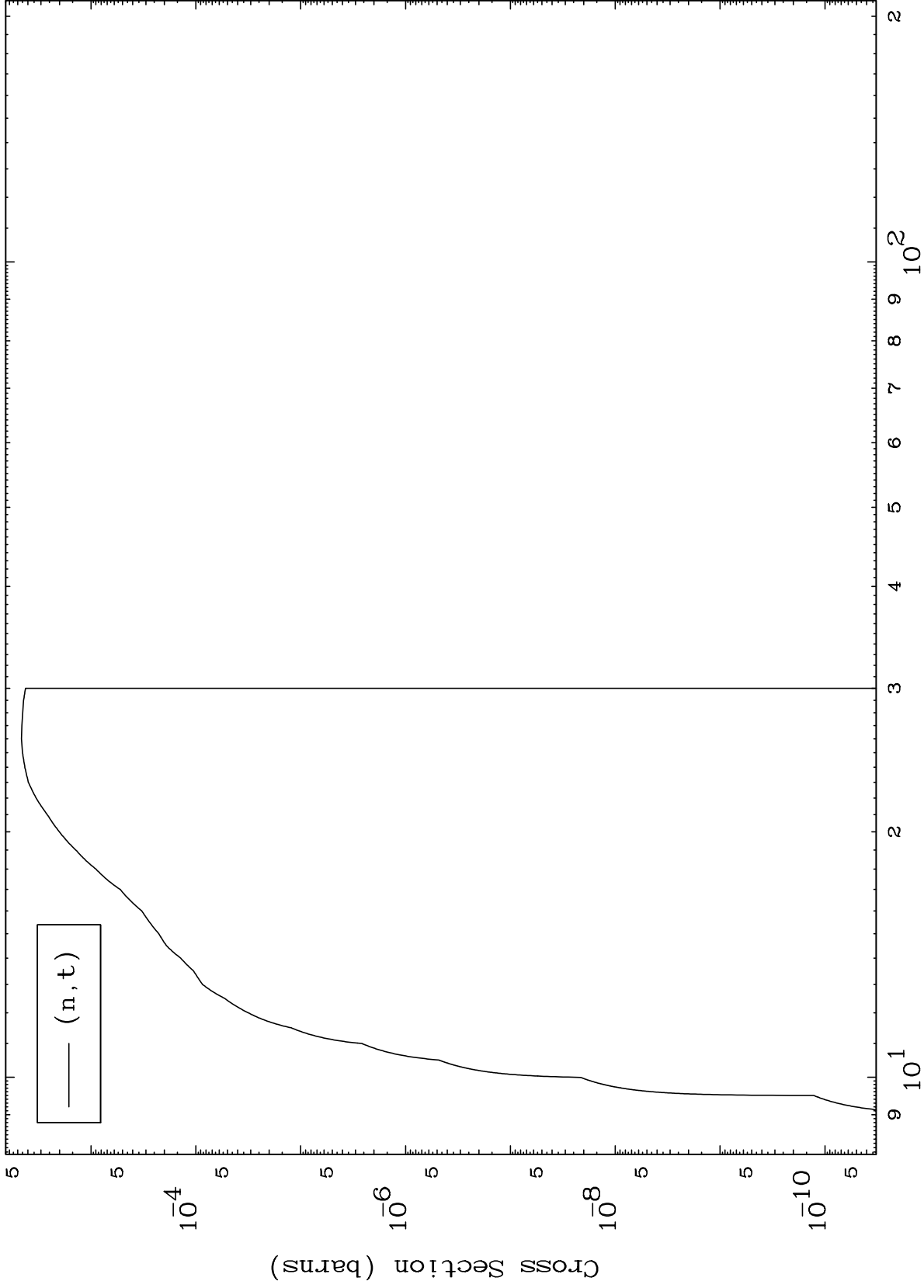
Incident Energy (MeV)

21-Sc-48

MAT 2134

(n,t) Levels
293 Kelvin Cross Sections

21-Sc-48



13

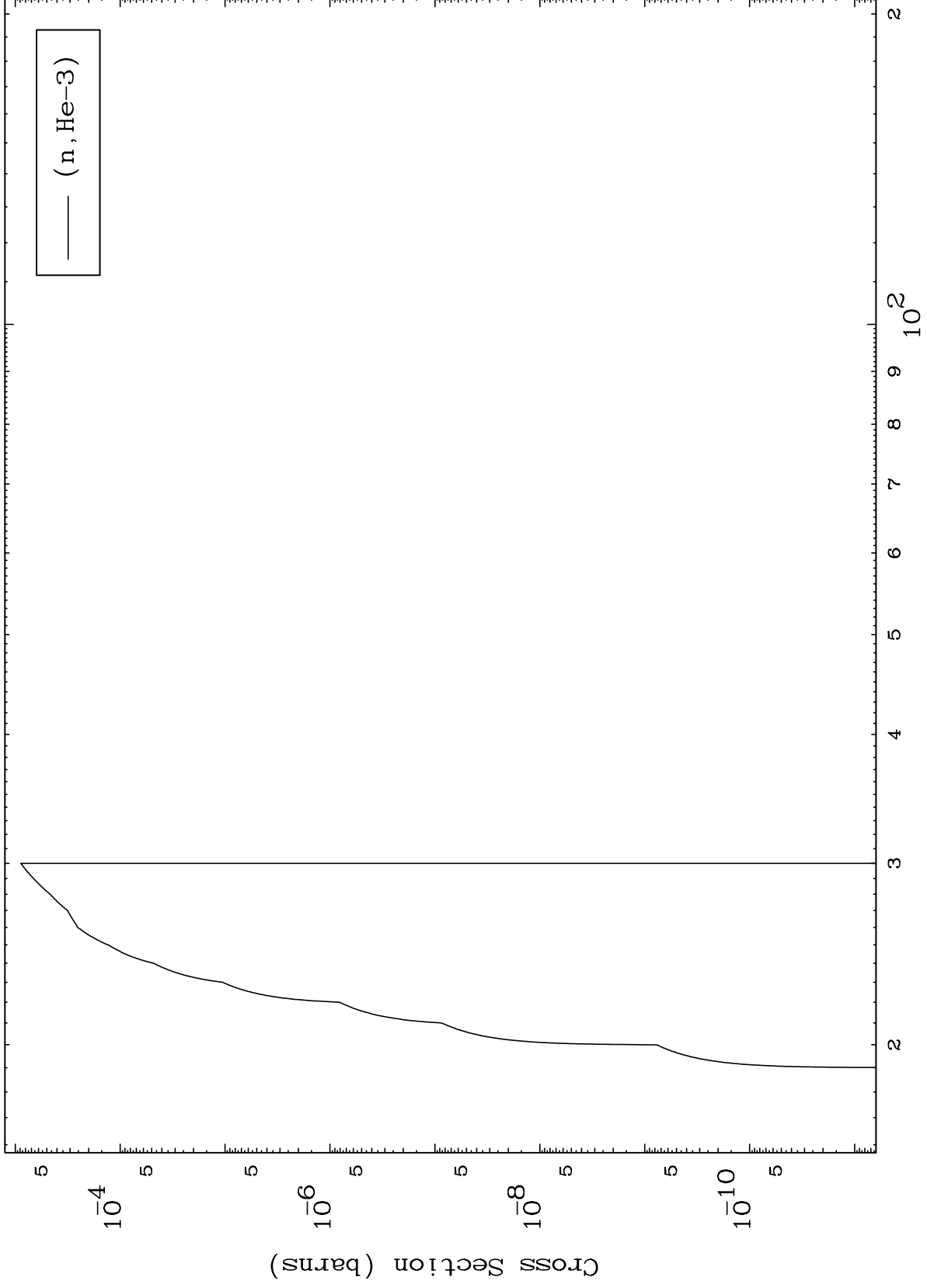
Incident Energy (MeV)

21-Sc-48

MAT 2134

(n,He3) Levels
293 Kelvin Cross Sections

21-Sc-48



14

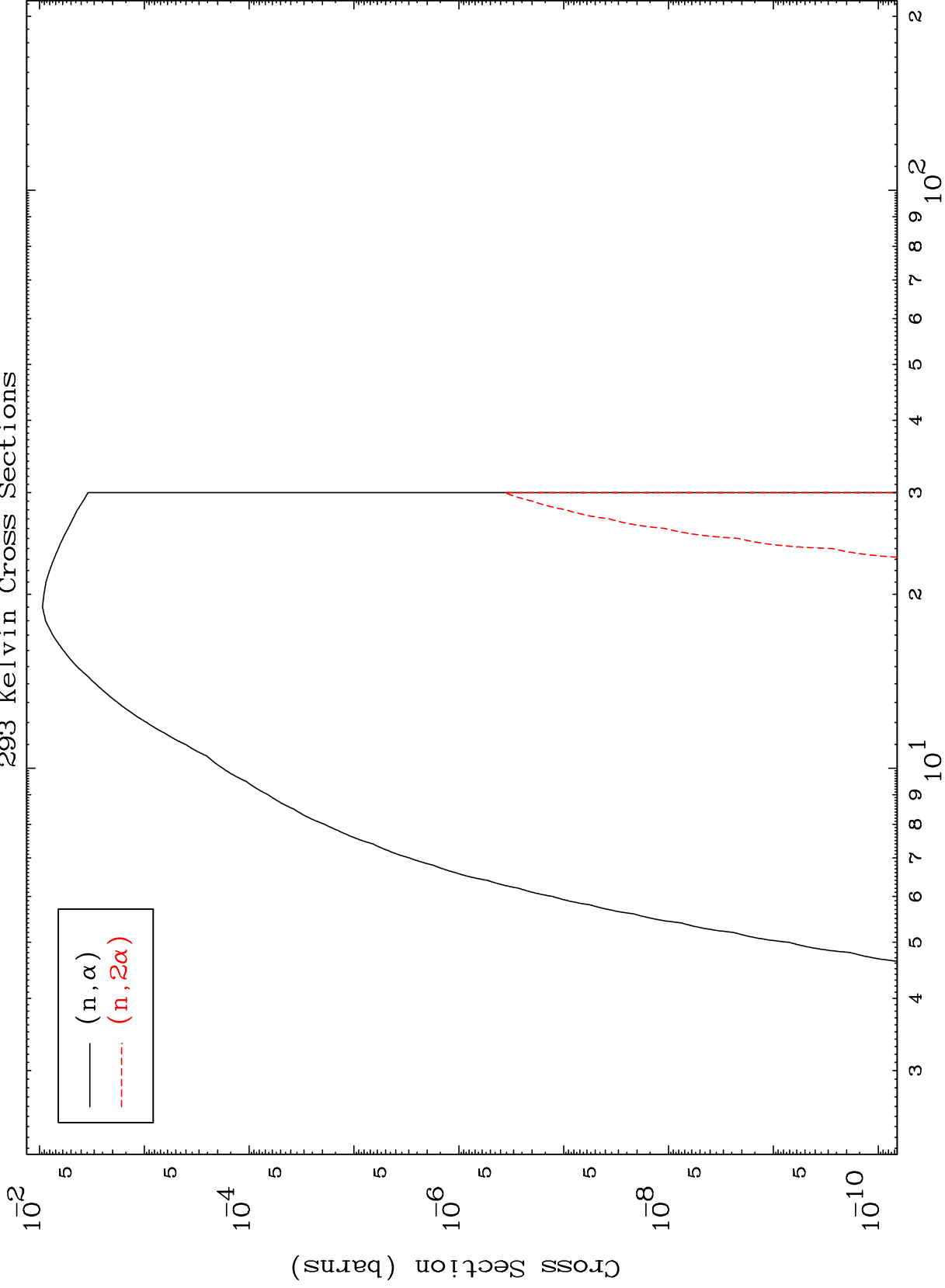
Incident Energy (MeV)

21-Sc-48

MAT 2134

(n, α) Levels
293 Kelvin Cross Sections

21-Sc-48



15

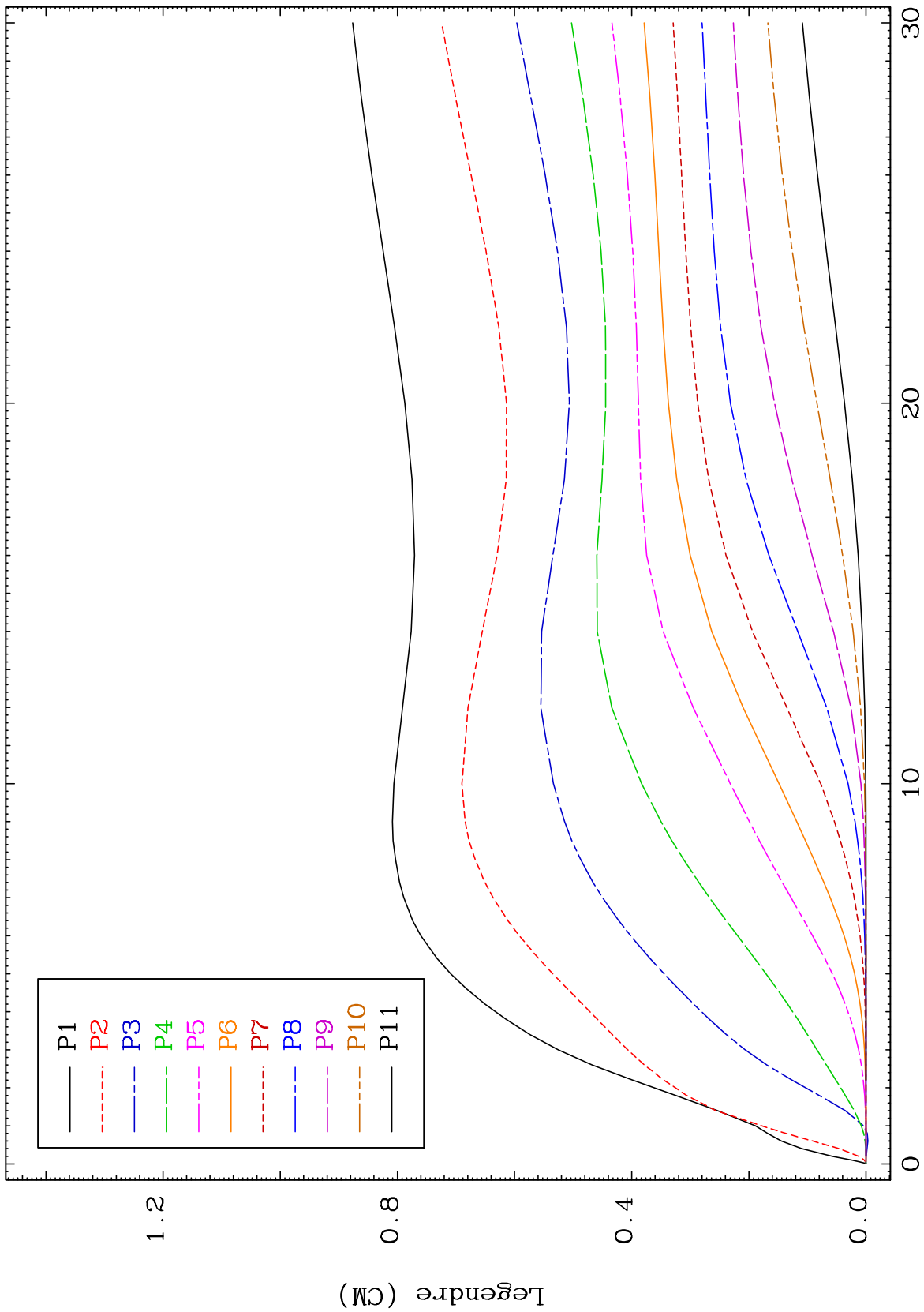
Incident Energy (MeV)

21-Sc-48

MAT 2134

Elastic Legendre Coefficients

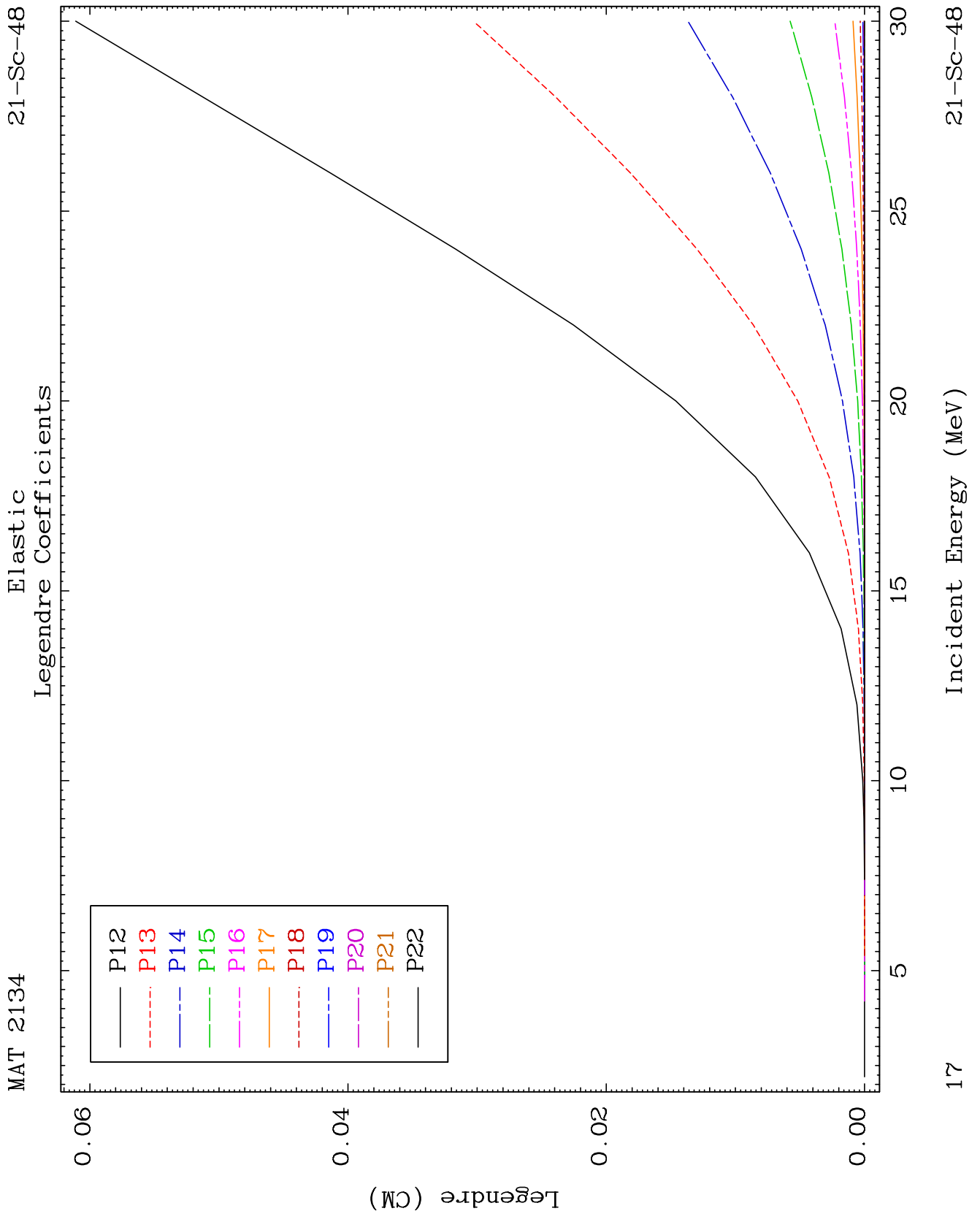
21-Sc-48

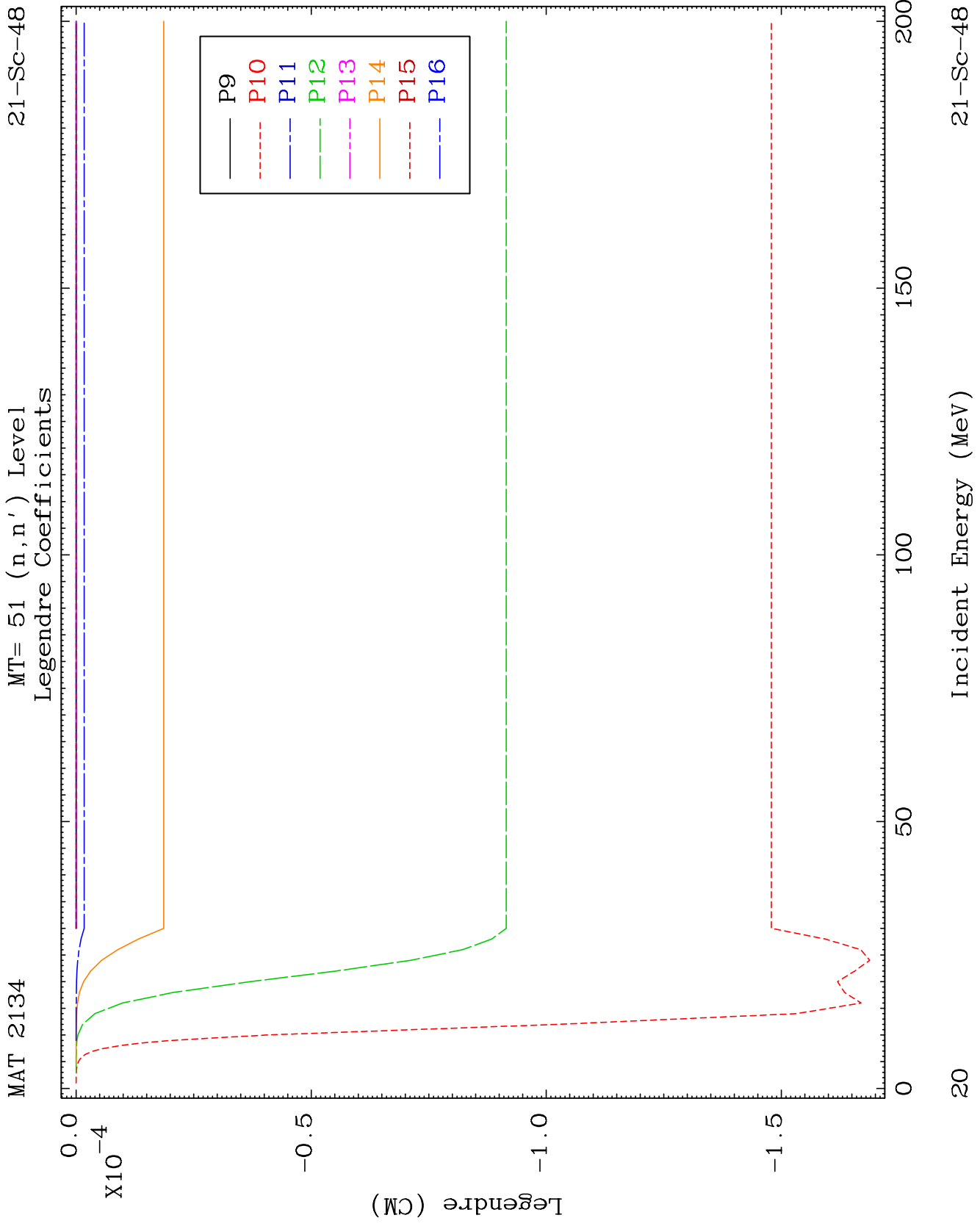


16

Incident Energy (MeV)

21-Sc-48

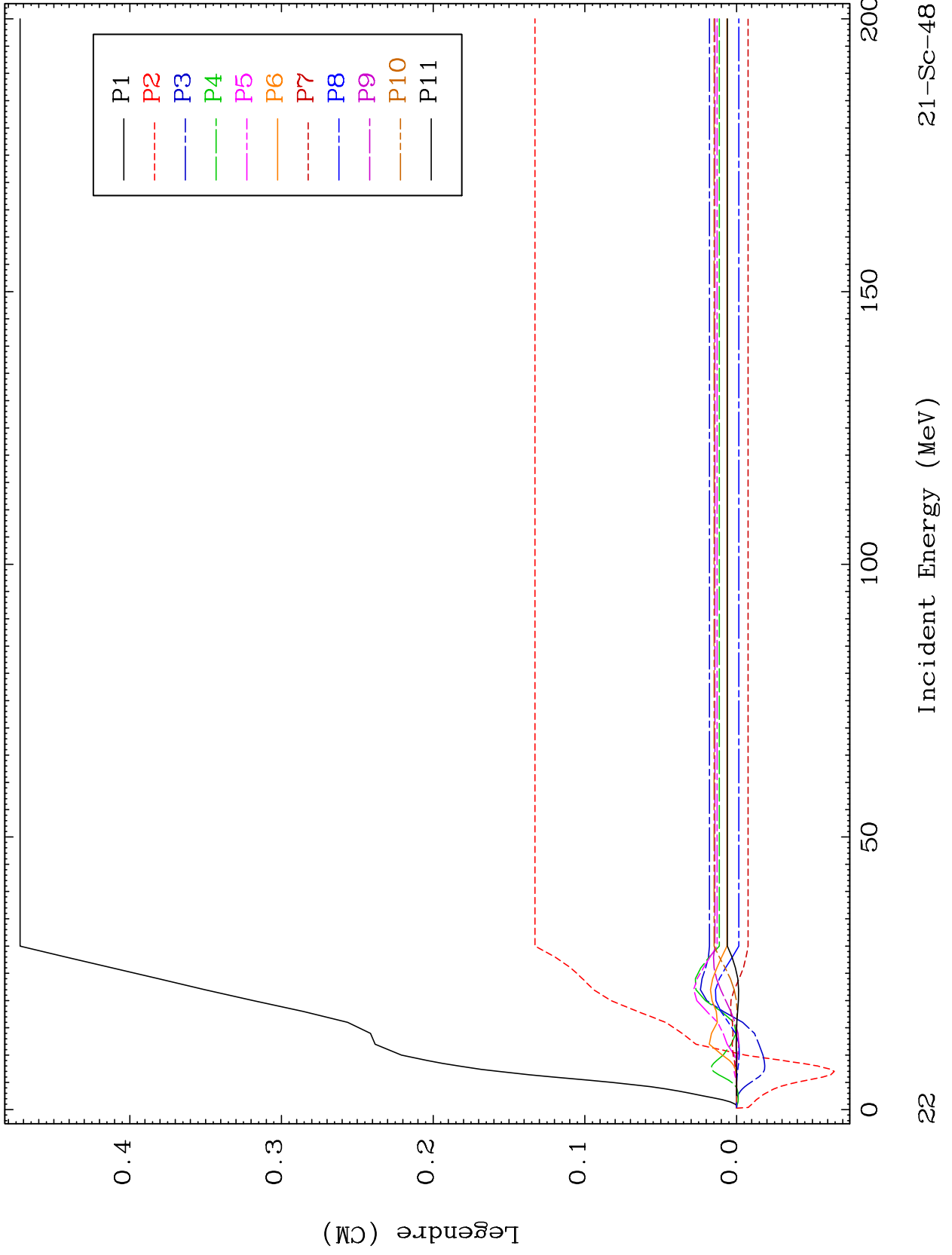




MAT 2134

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

21-Sc-48



22

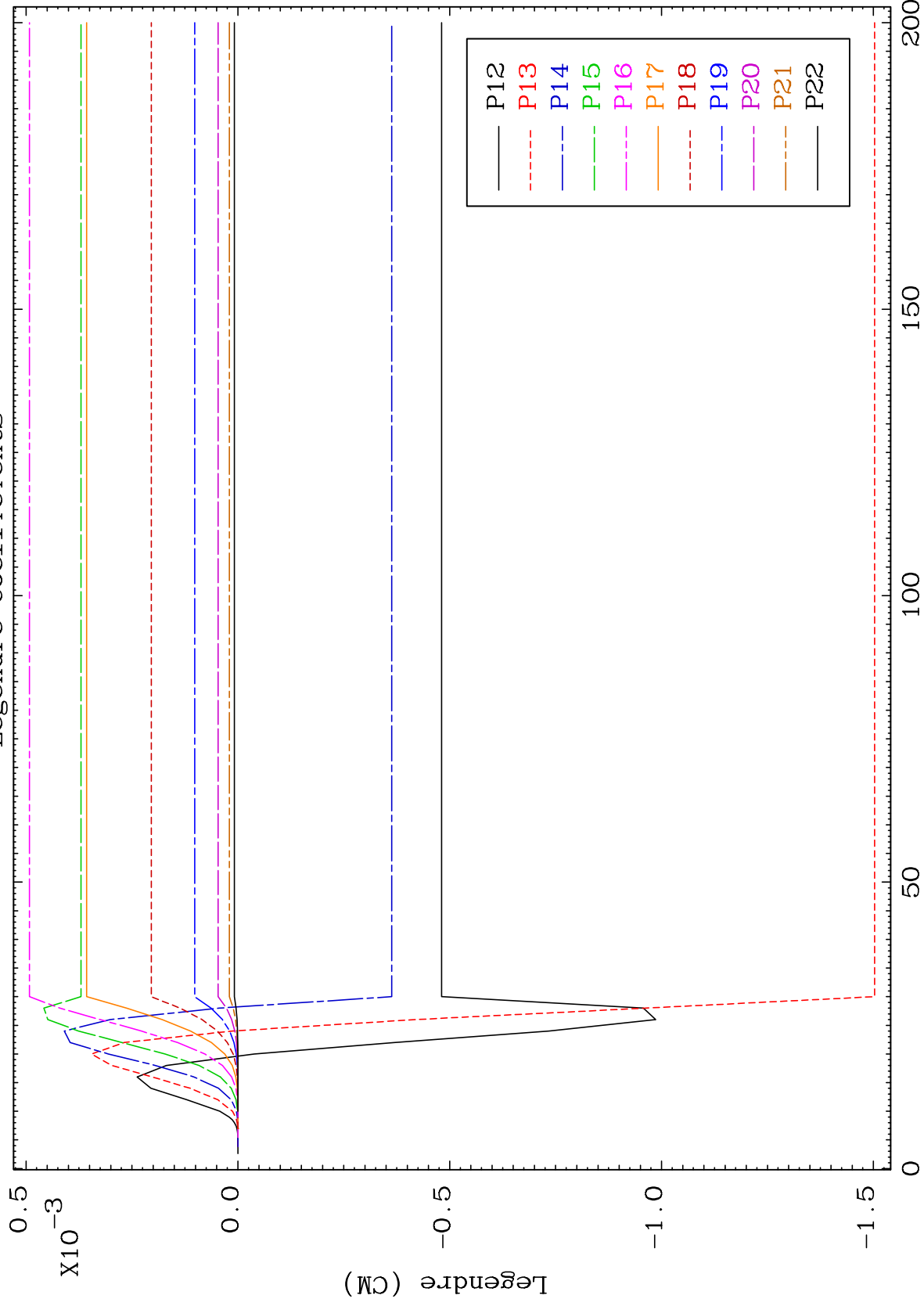
Incident Energy (MeV)

21-Sc-48

MAT 2134

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

21-Sc-48



23

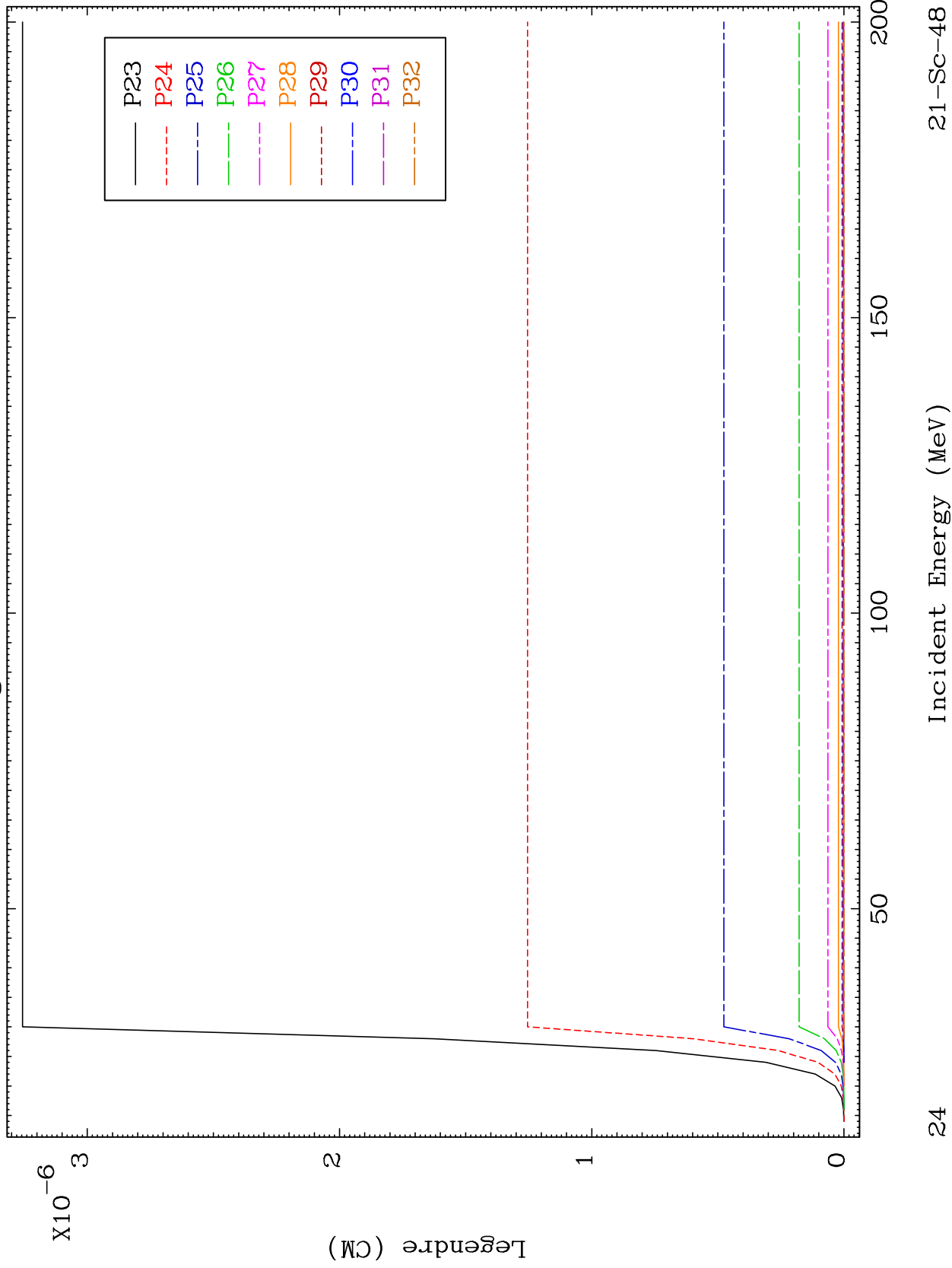
Incident Energy (MeV)

21-Sc-48

MAT 2134

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

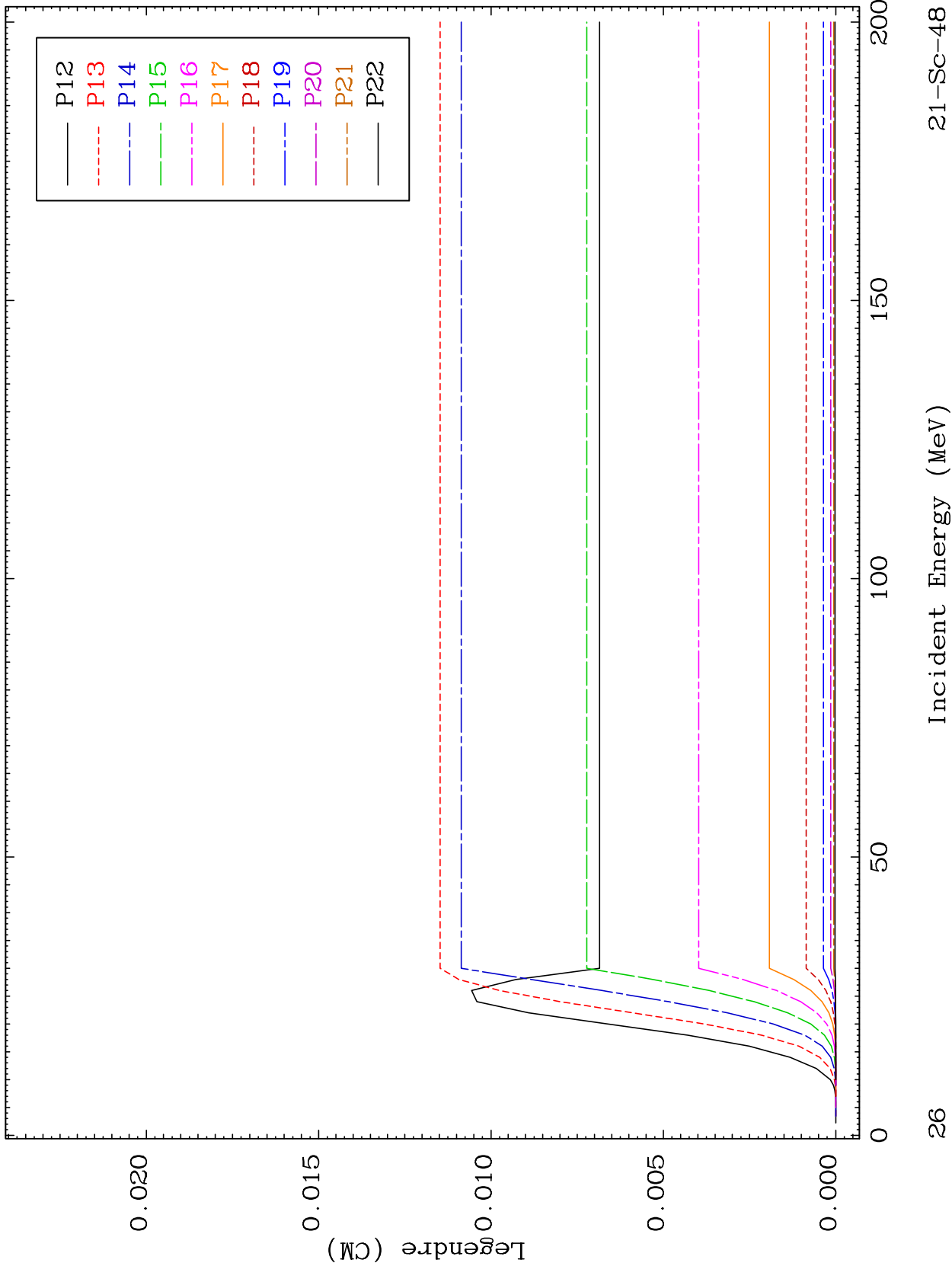
21-Sc-48



MAT 2134

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

21-Sc-48



26

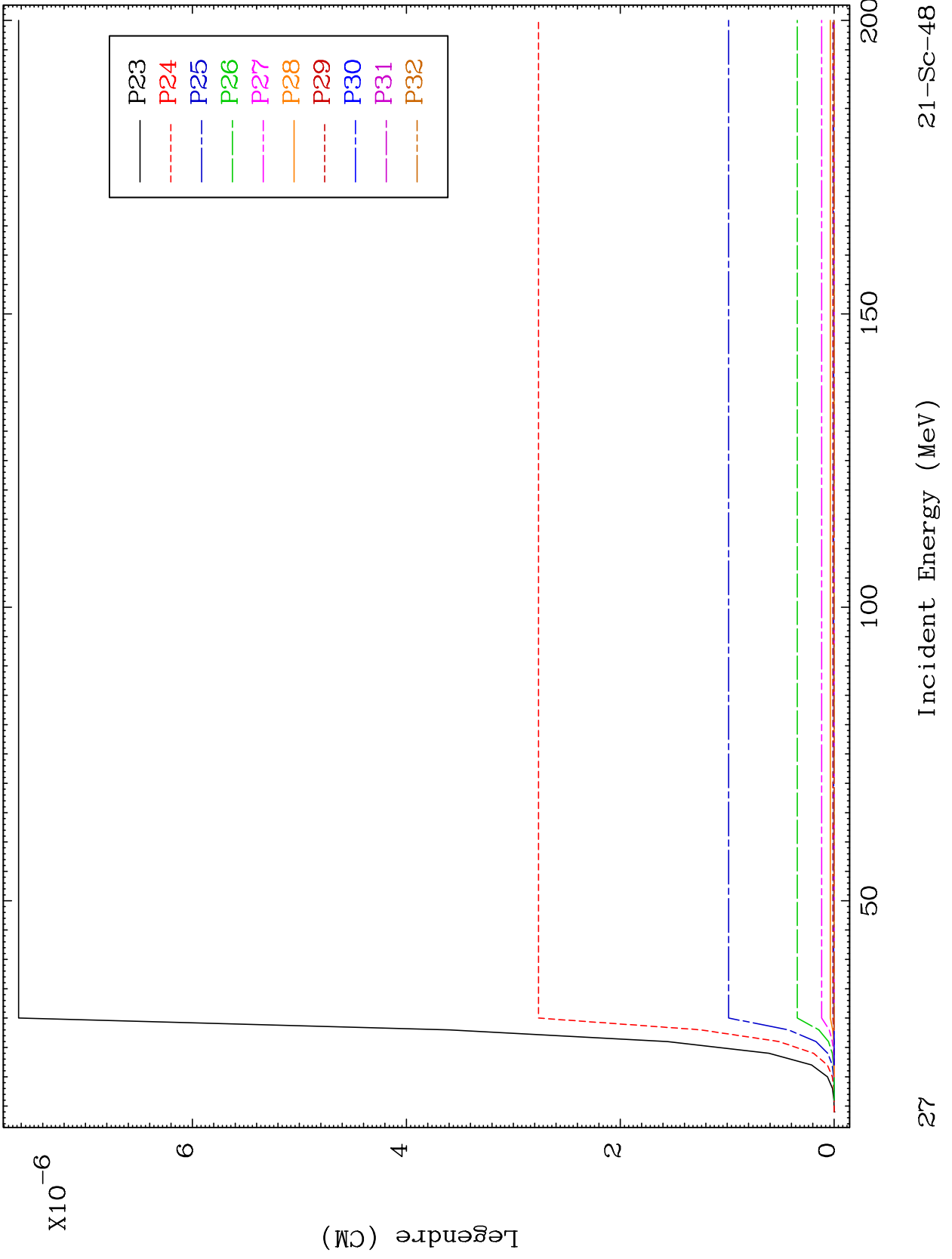
Incident Energy (MeV)

21-Sc-48

MAT 2134

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

21-Sc-48



27

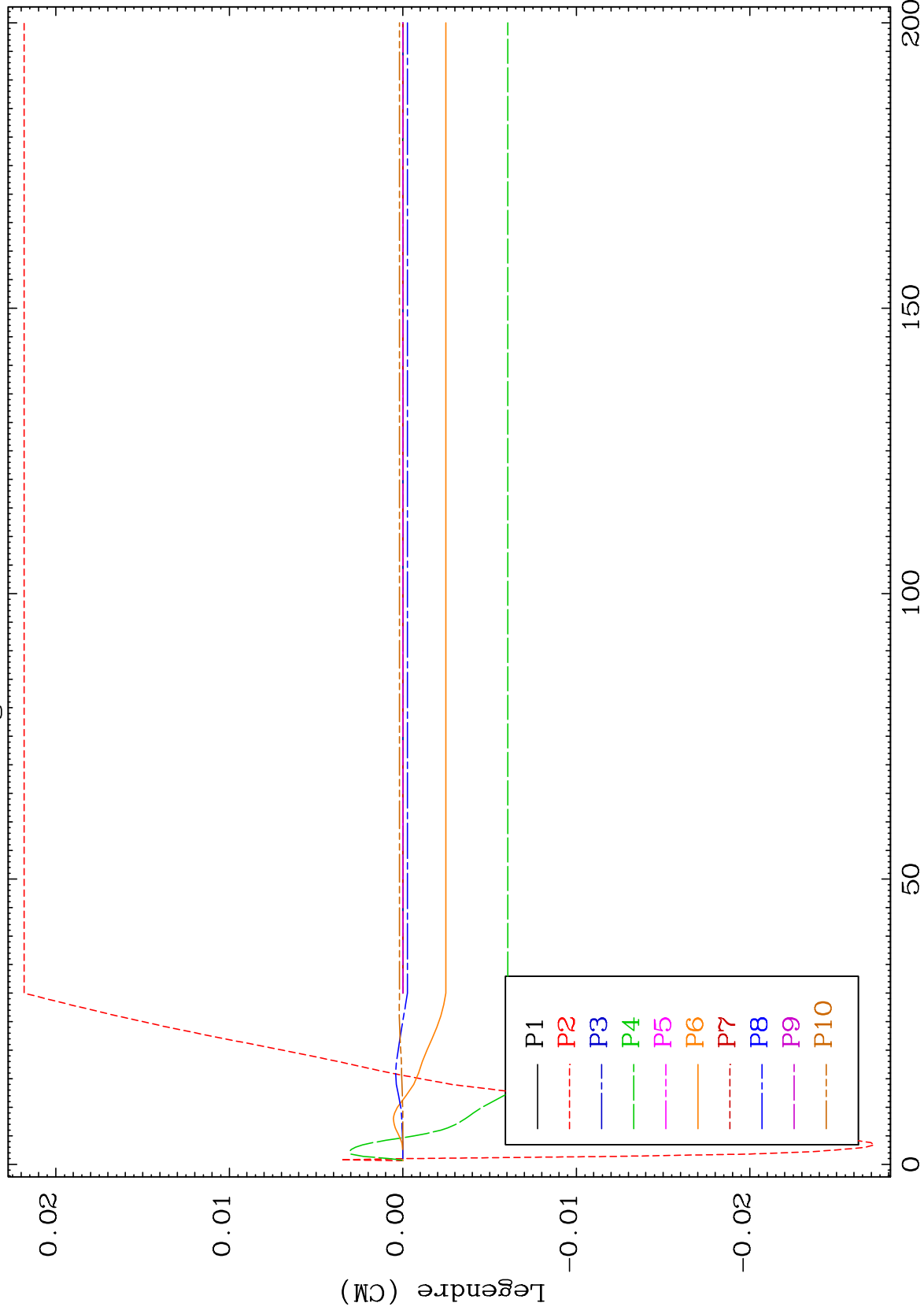
Incident Energy (MeV)

21-Sc-48

MAT 2134

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

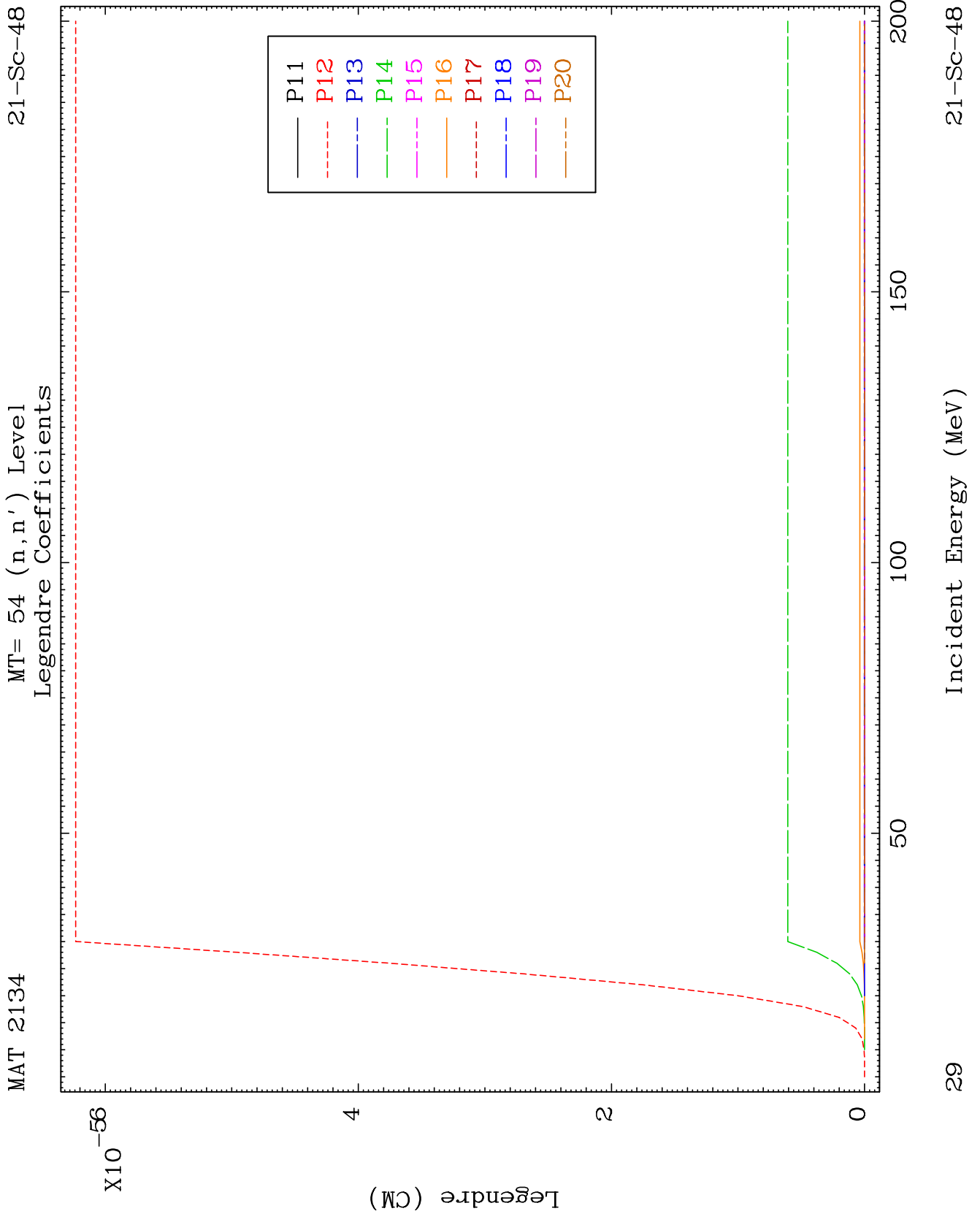
21-Sc-48

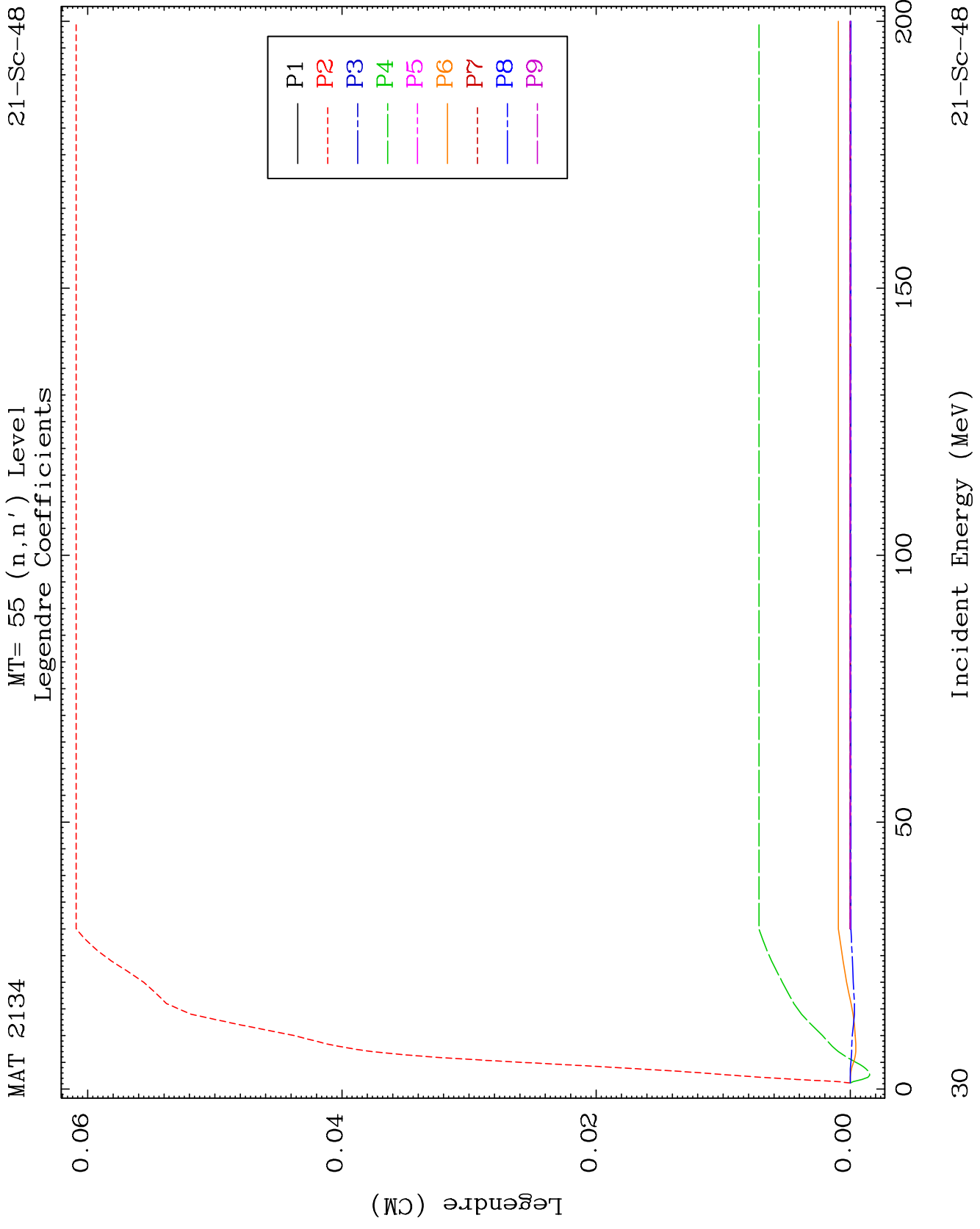


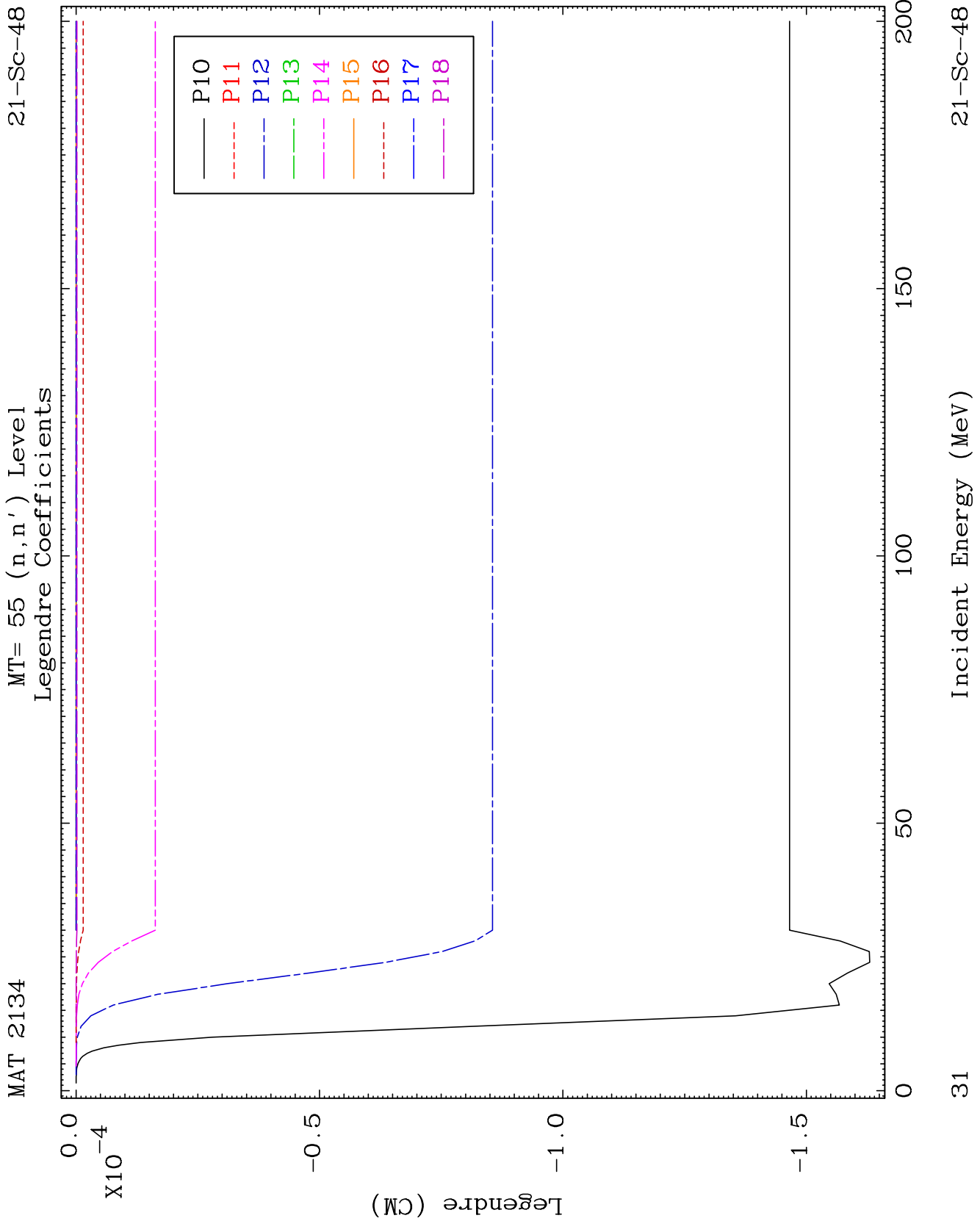
28

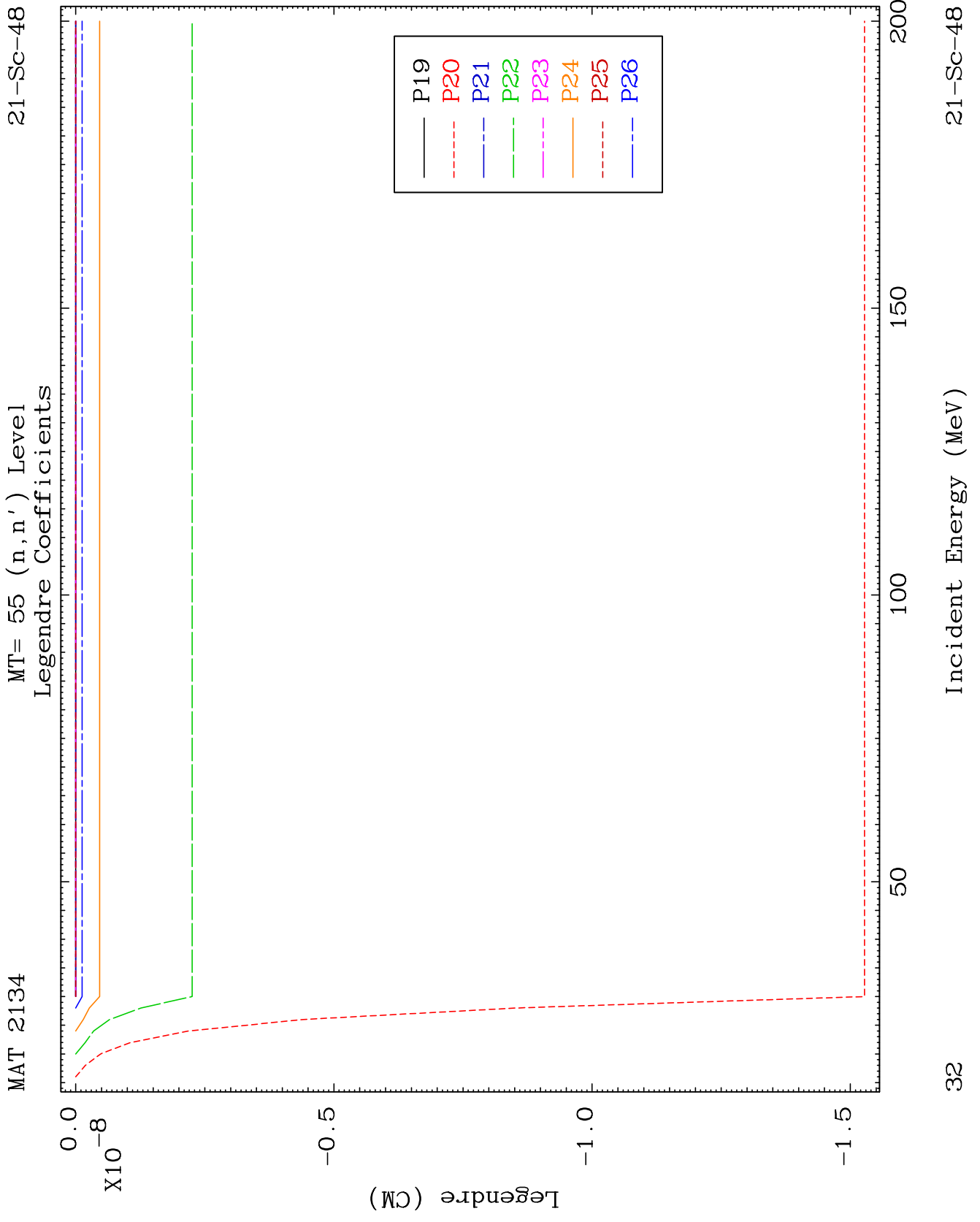
Incident Energy (MeV)

21-Sc-48





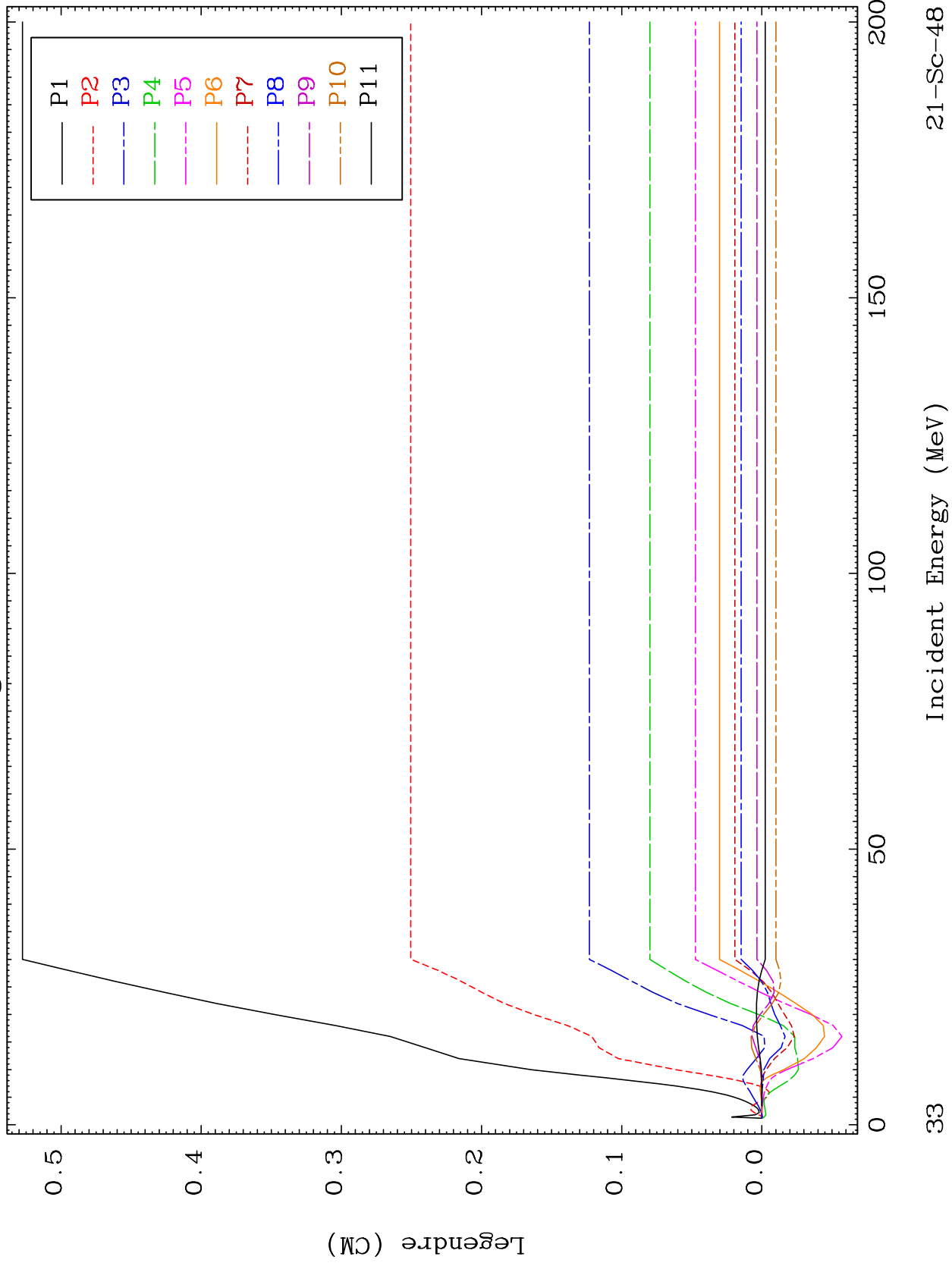




MAT 2134

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

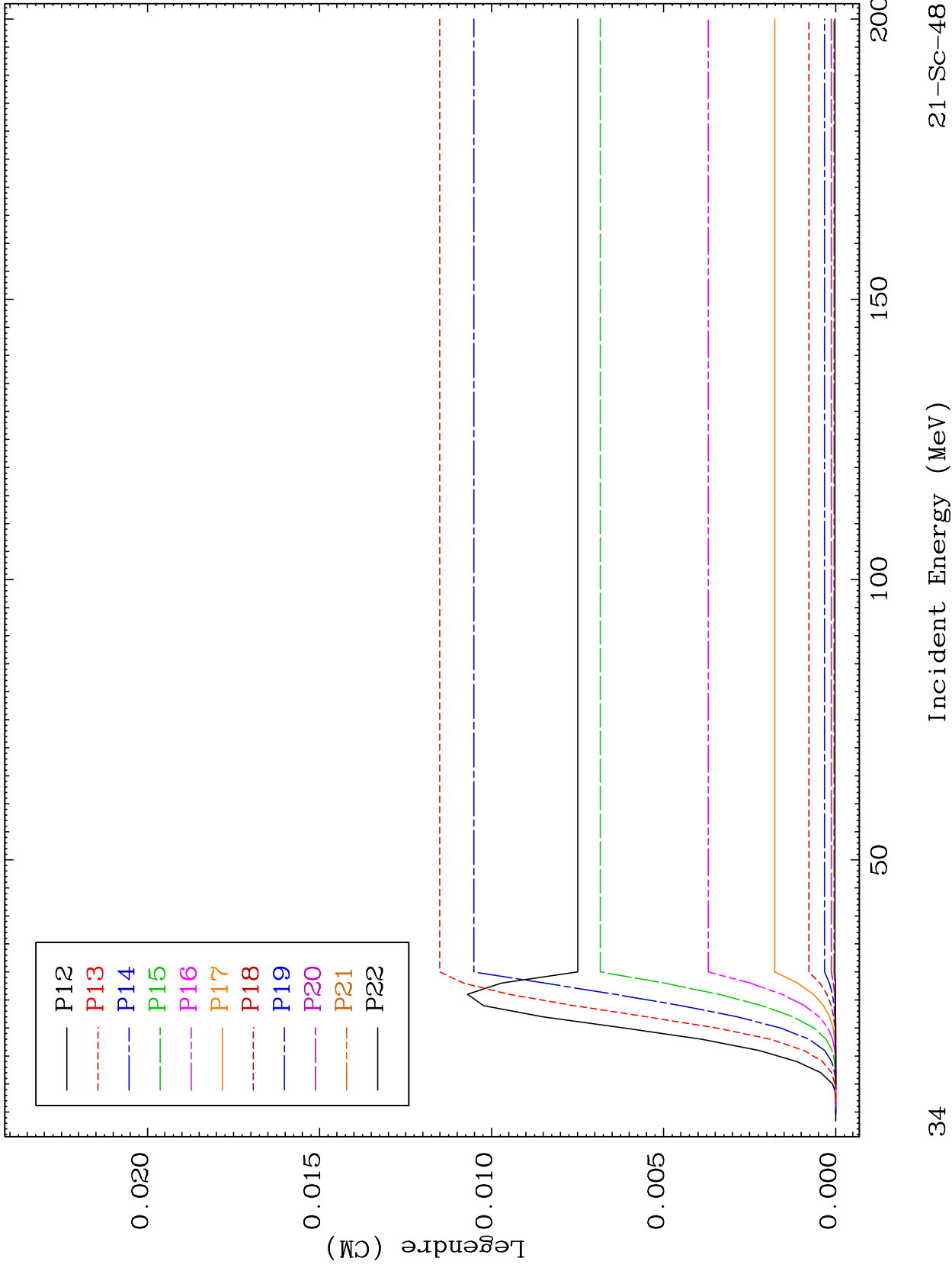
21-Sc-48



MAT 2134

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

21-Sc-48



34

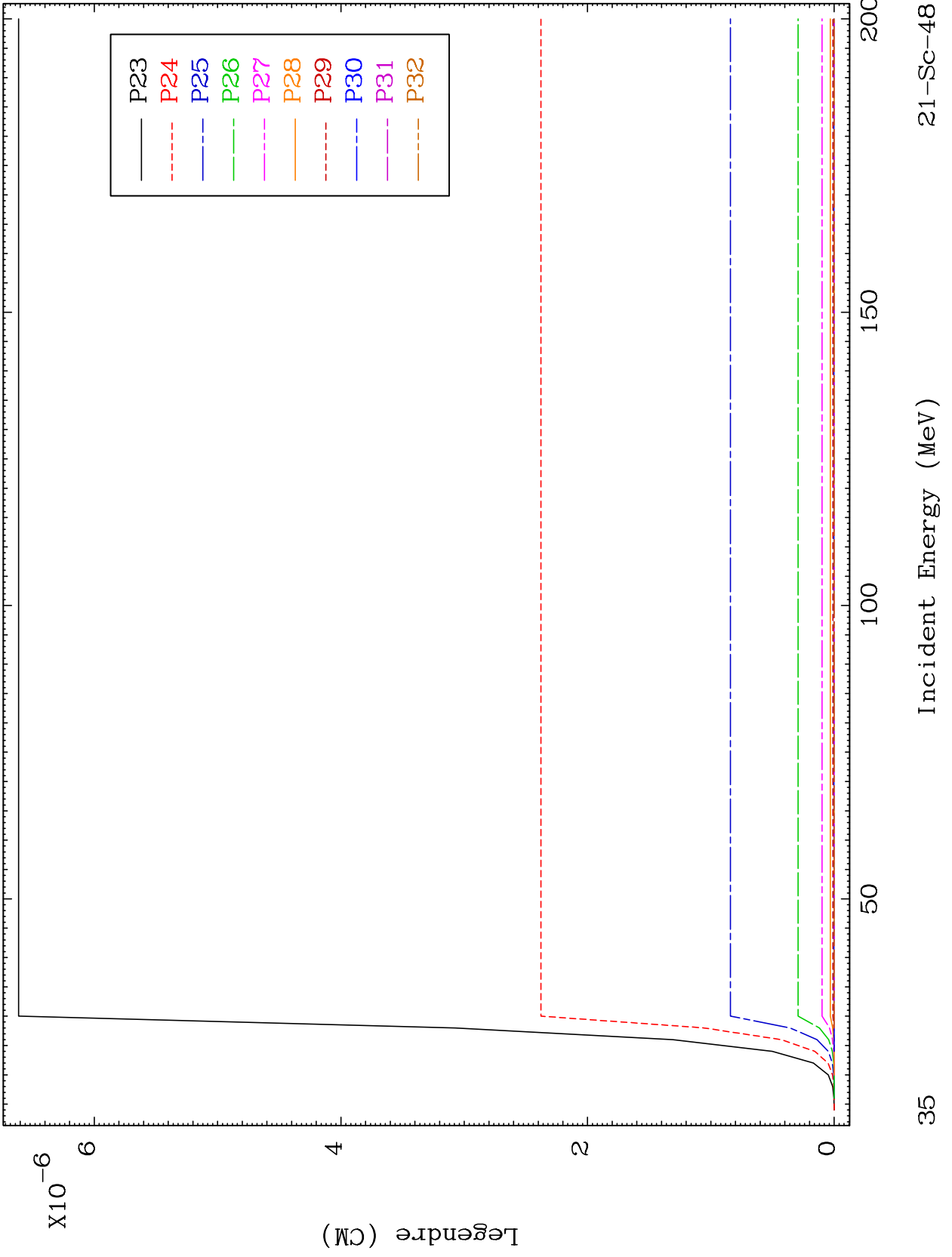
Incident Energy (MeV)

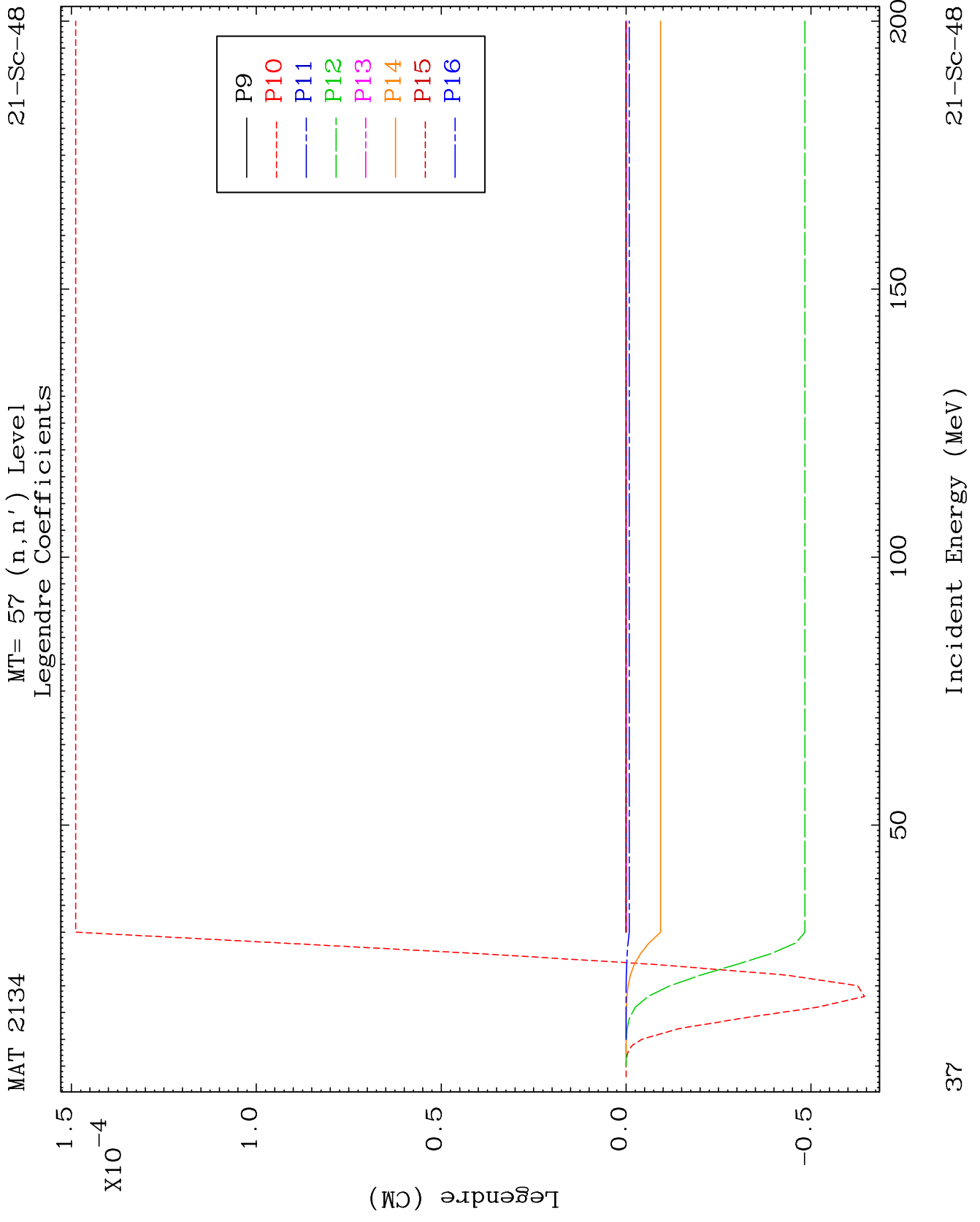
21-Sc-48

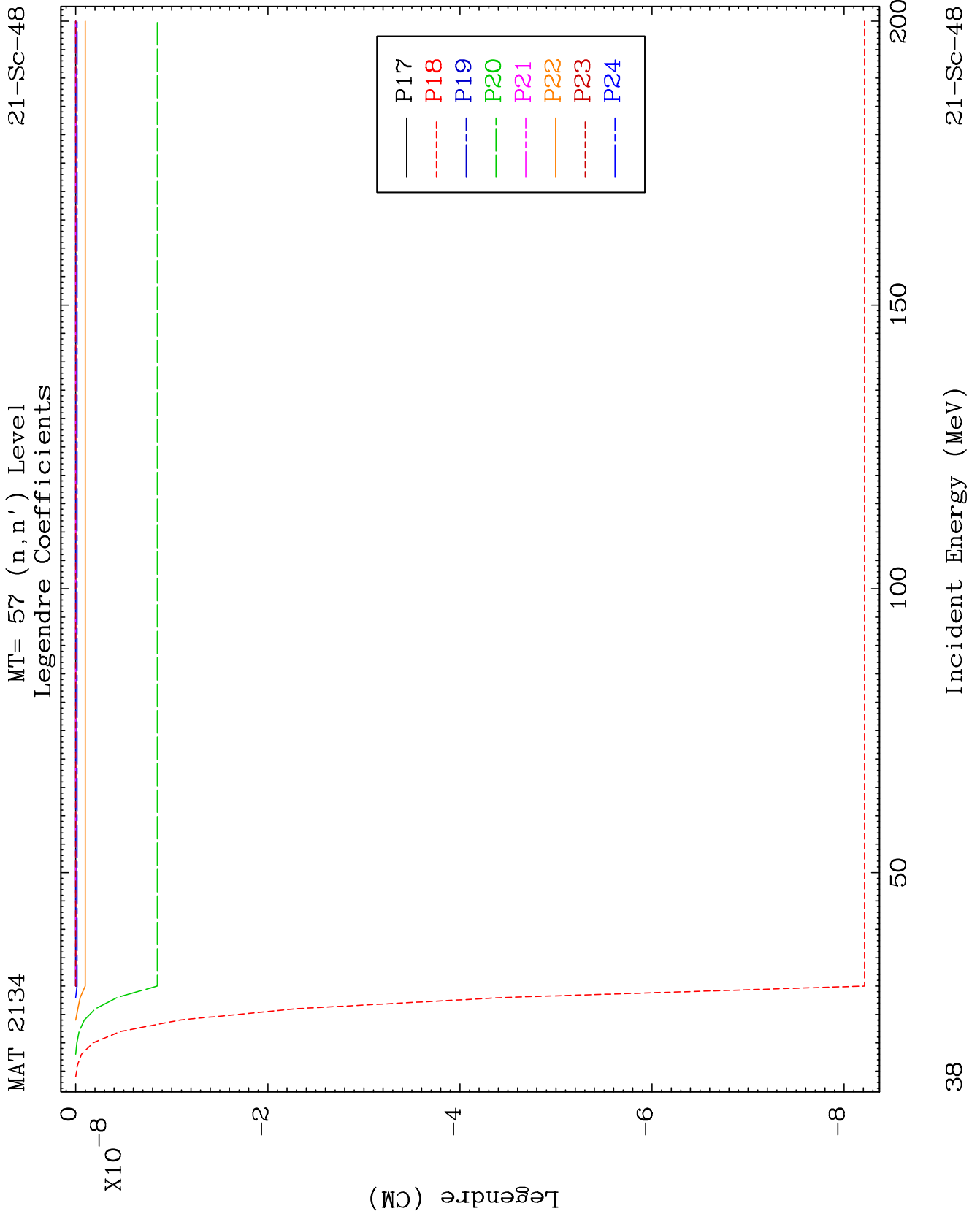
MAT 2134

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

21-Sc-48



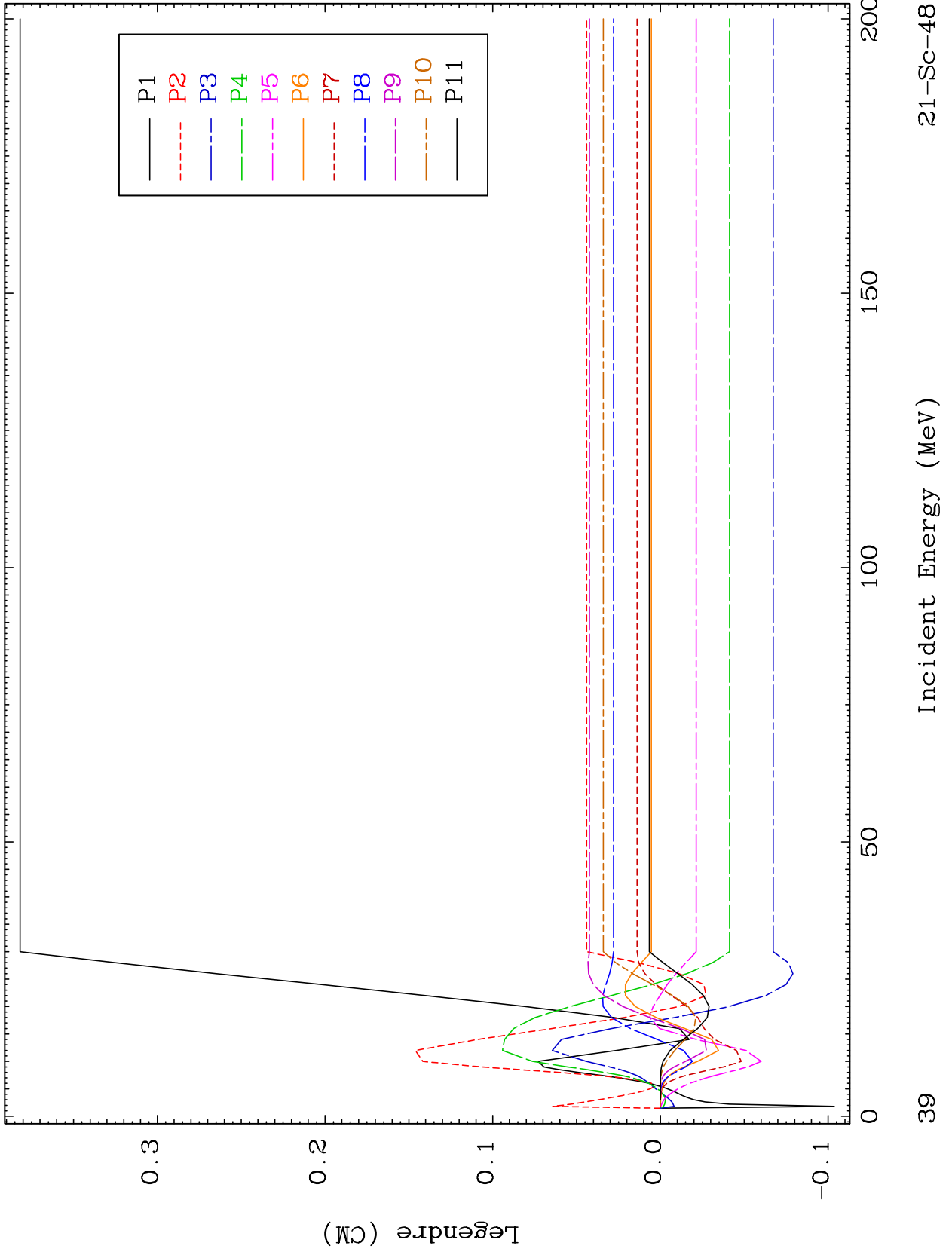




MAT 2134

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

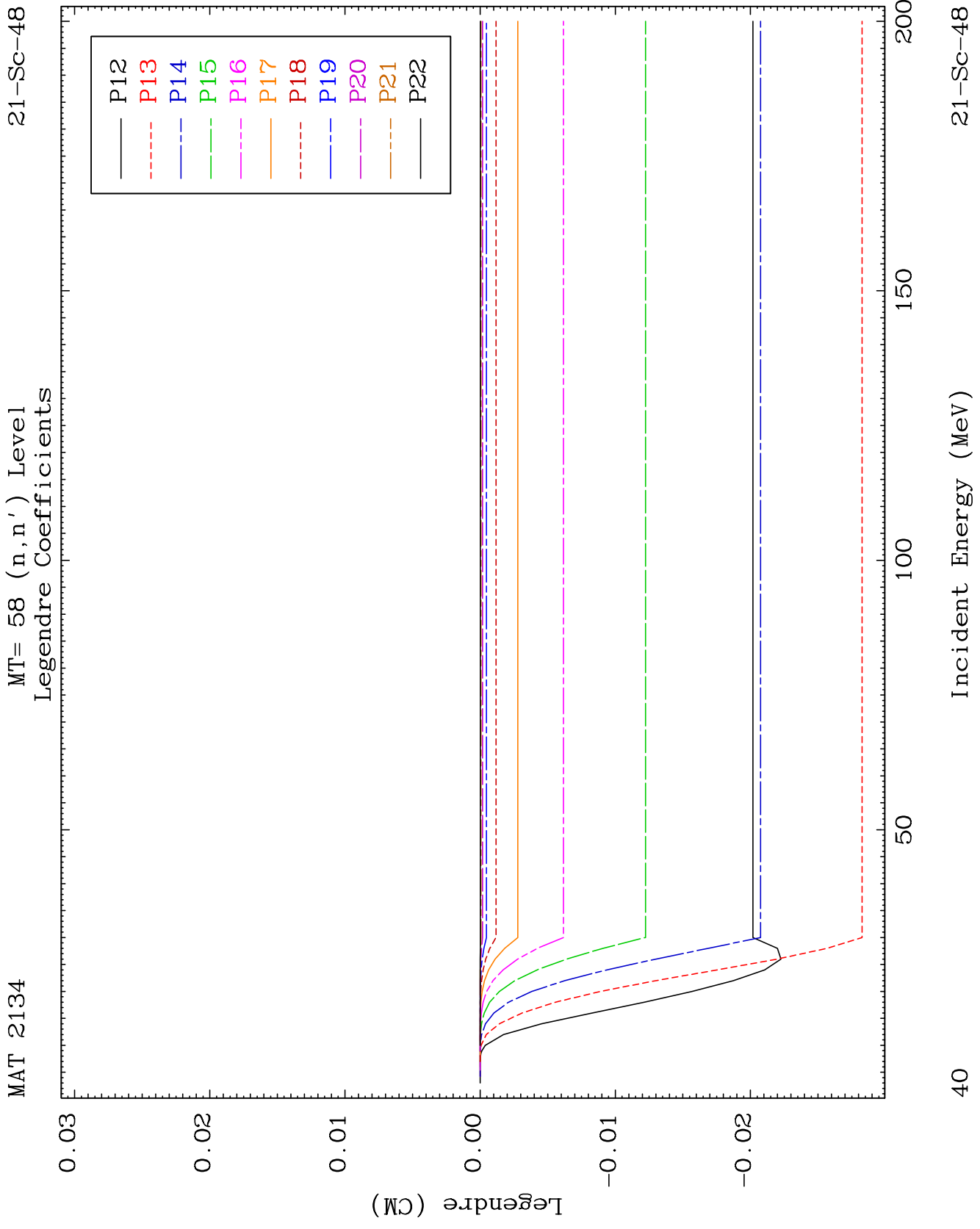
21-Sc-48

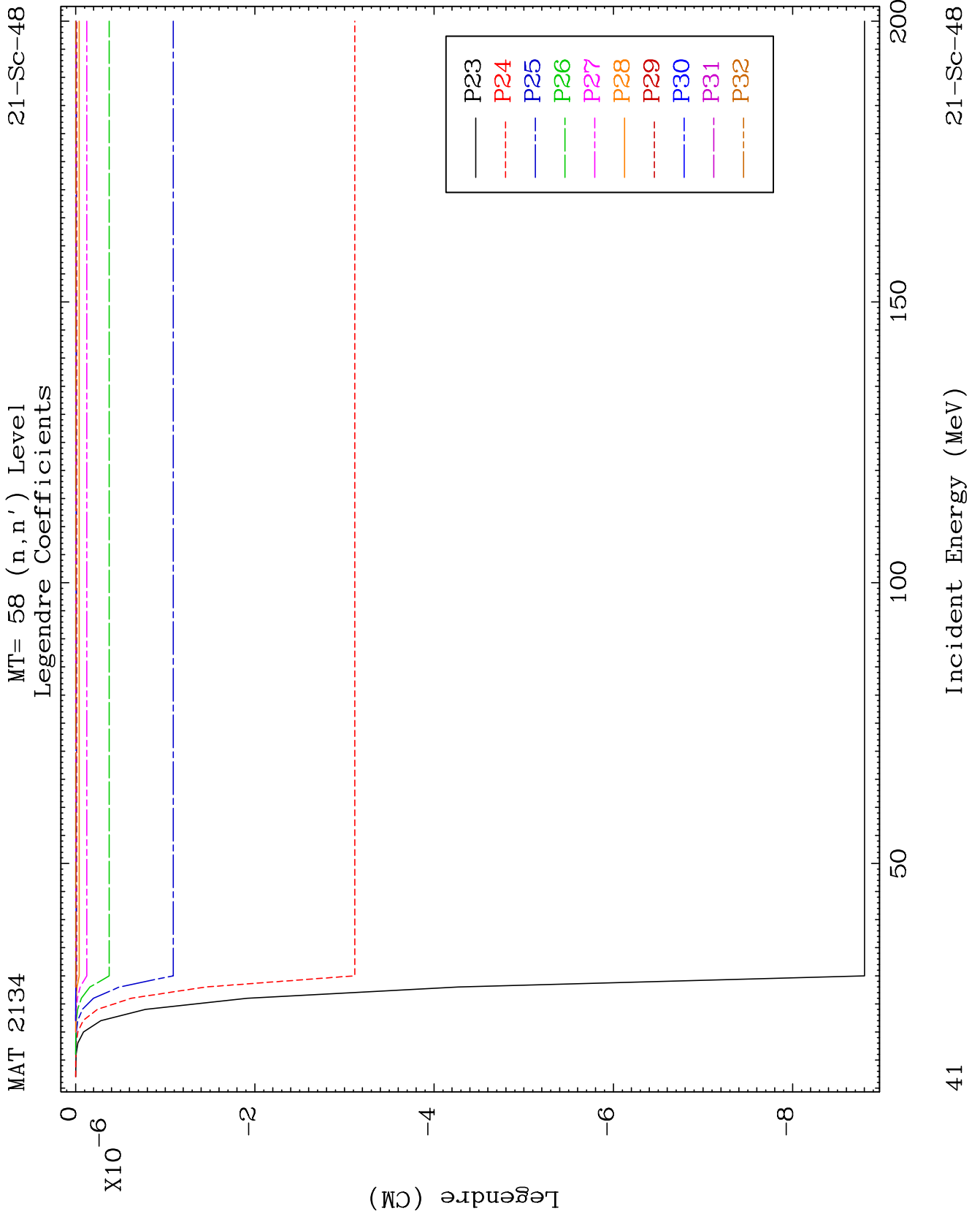


39

Incident Energy (MeV)

21-Sc-48

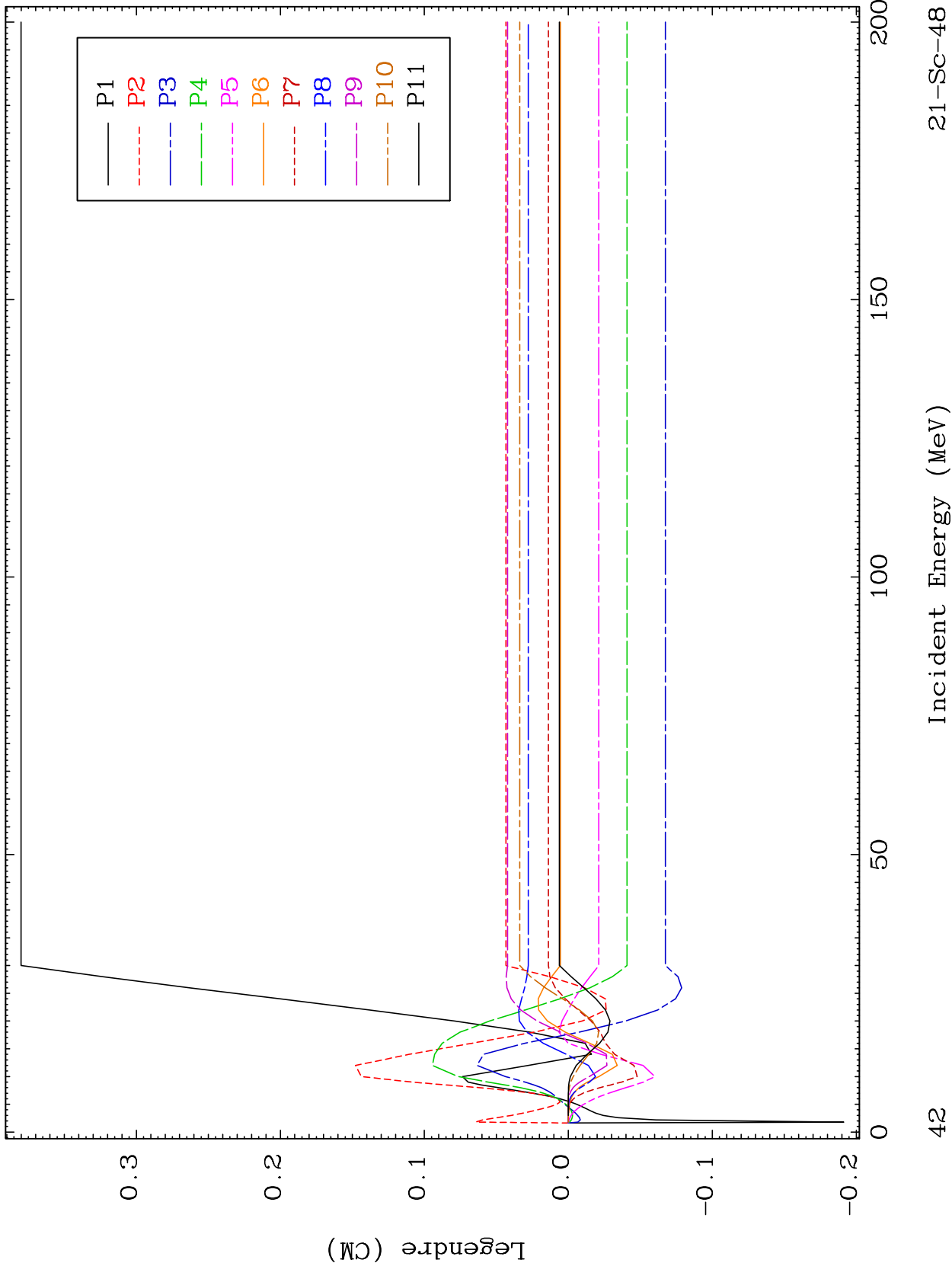




MAT 2134

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

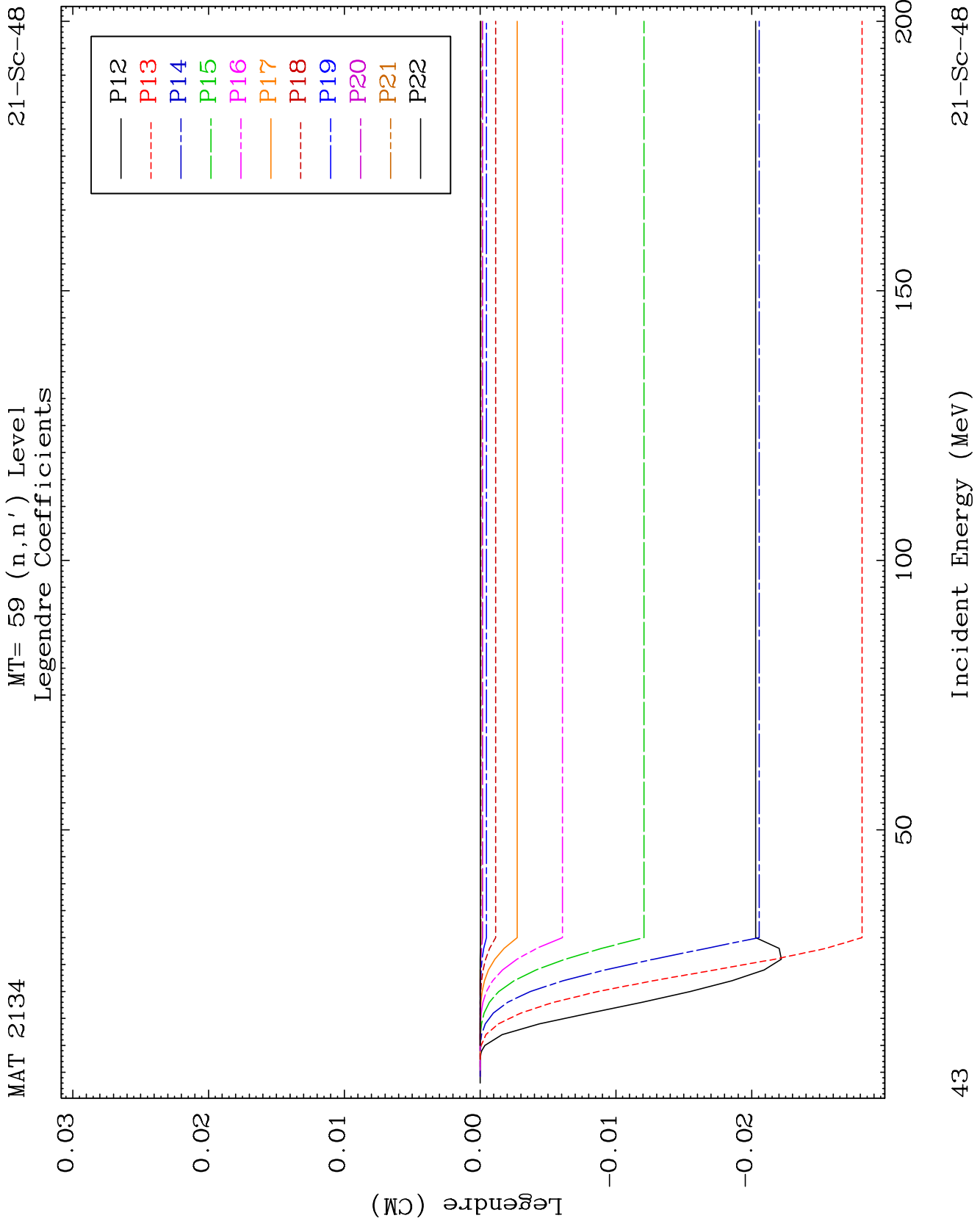
21-Sc-48

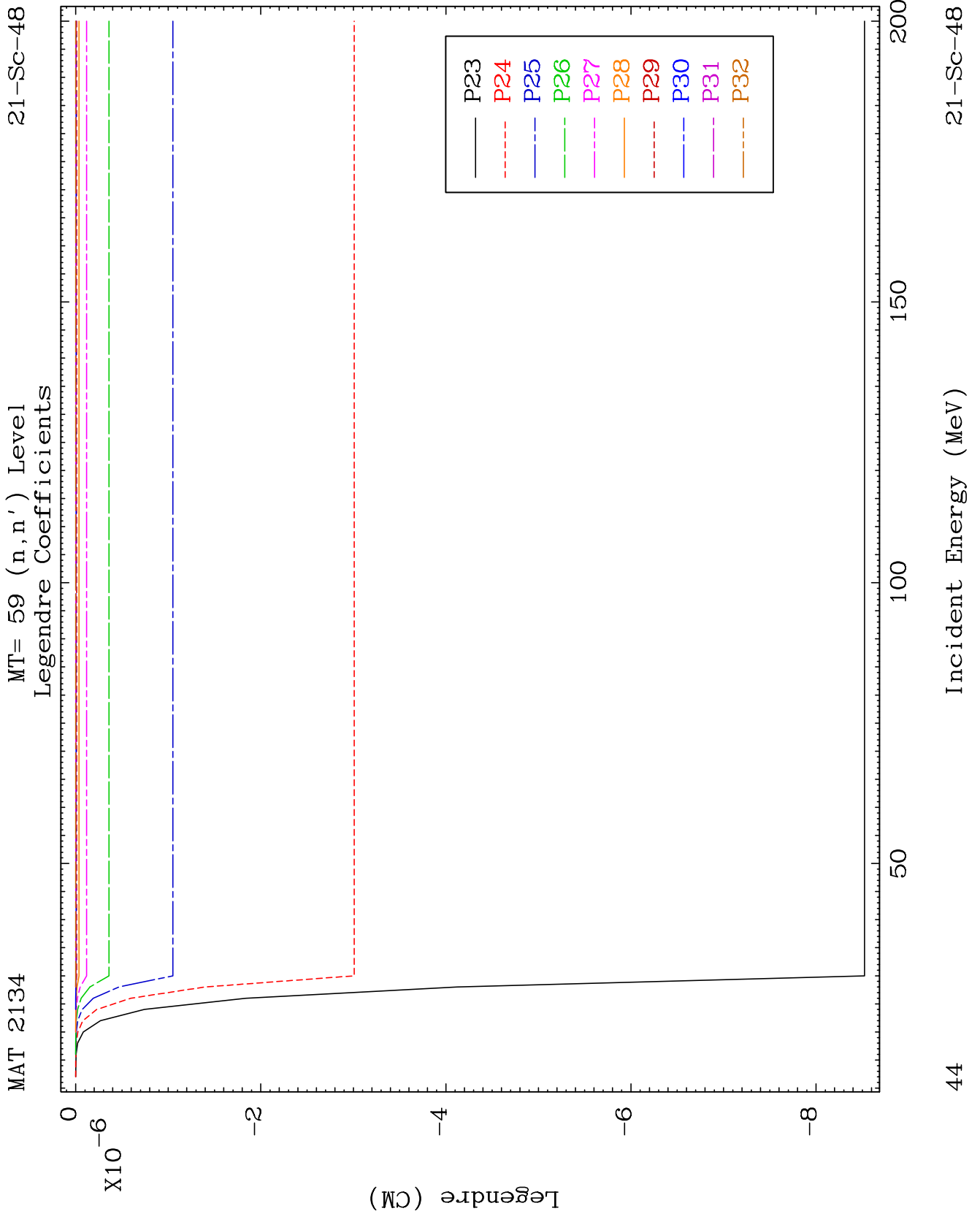


42

Incident Energy (MeV)

21-Sc-48

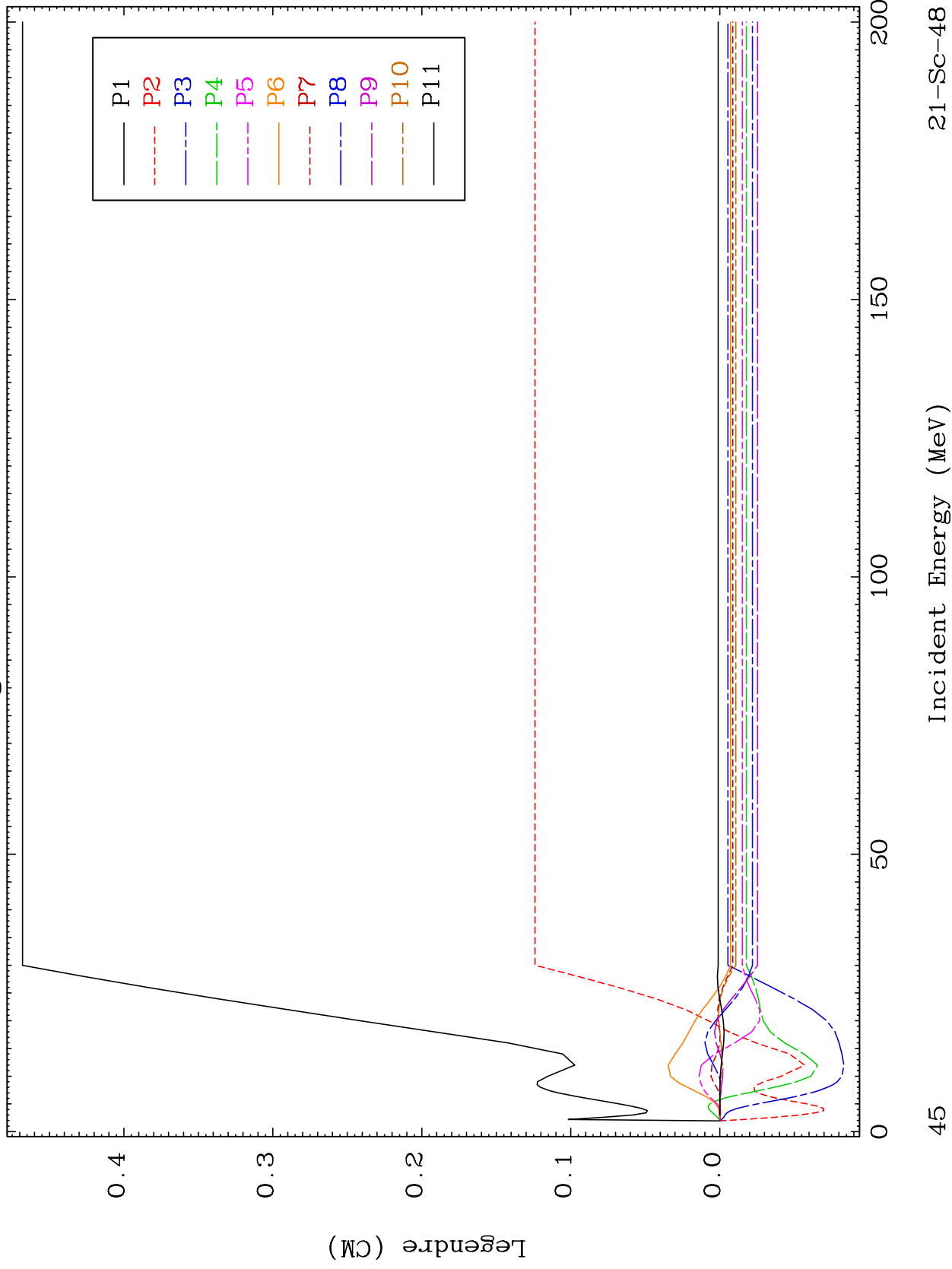




MAT 2134

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

21-Sc-48



21-Sc-48

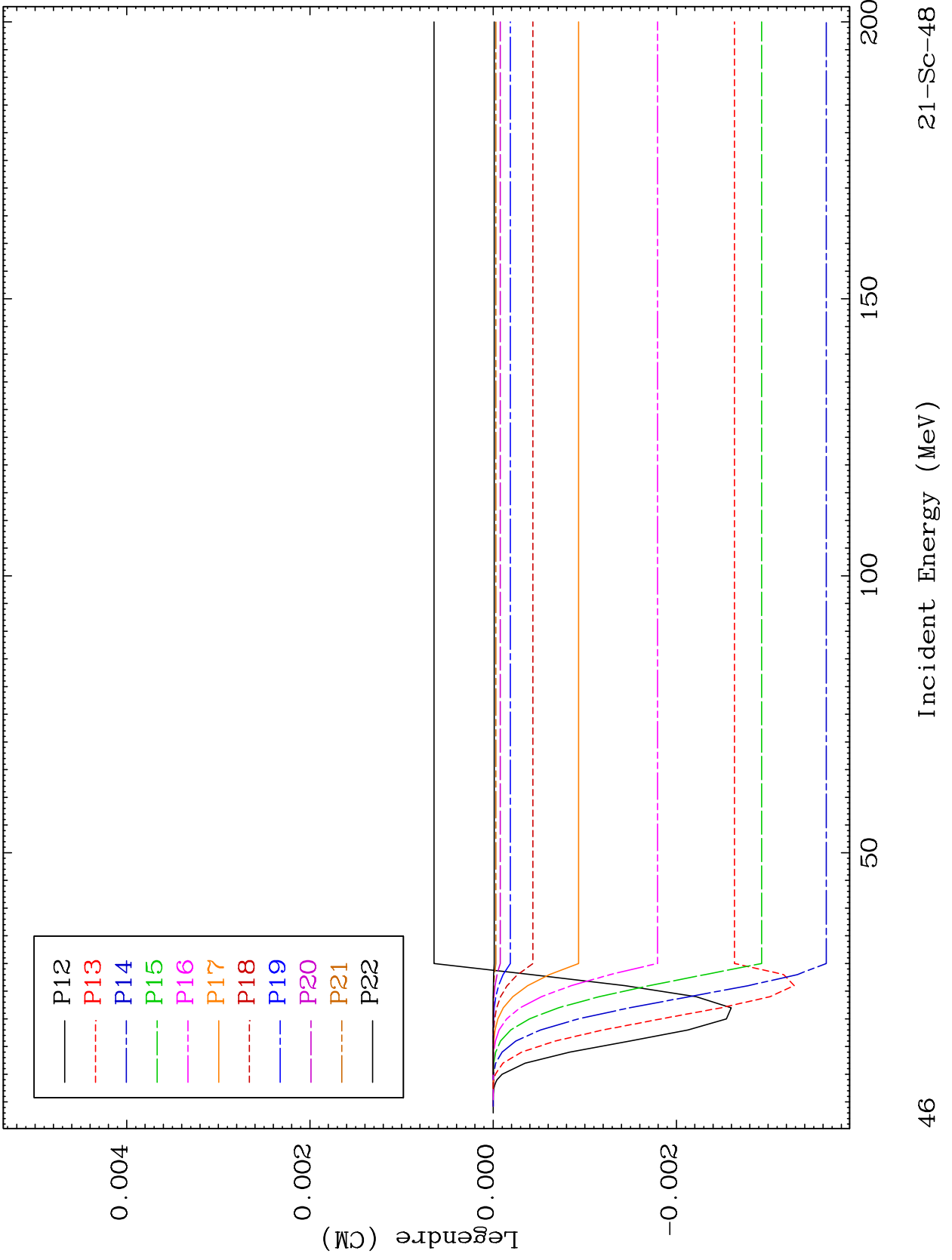
Incident Energy (MeV)

45

MAT 2134

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

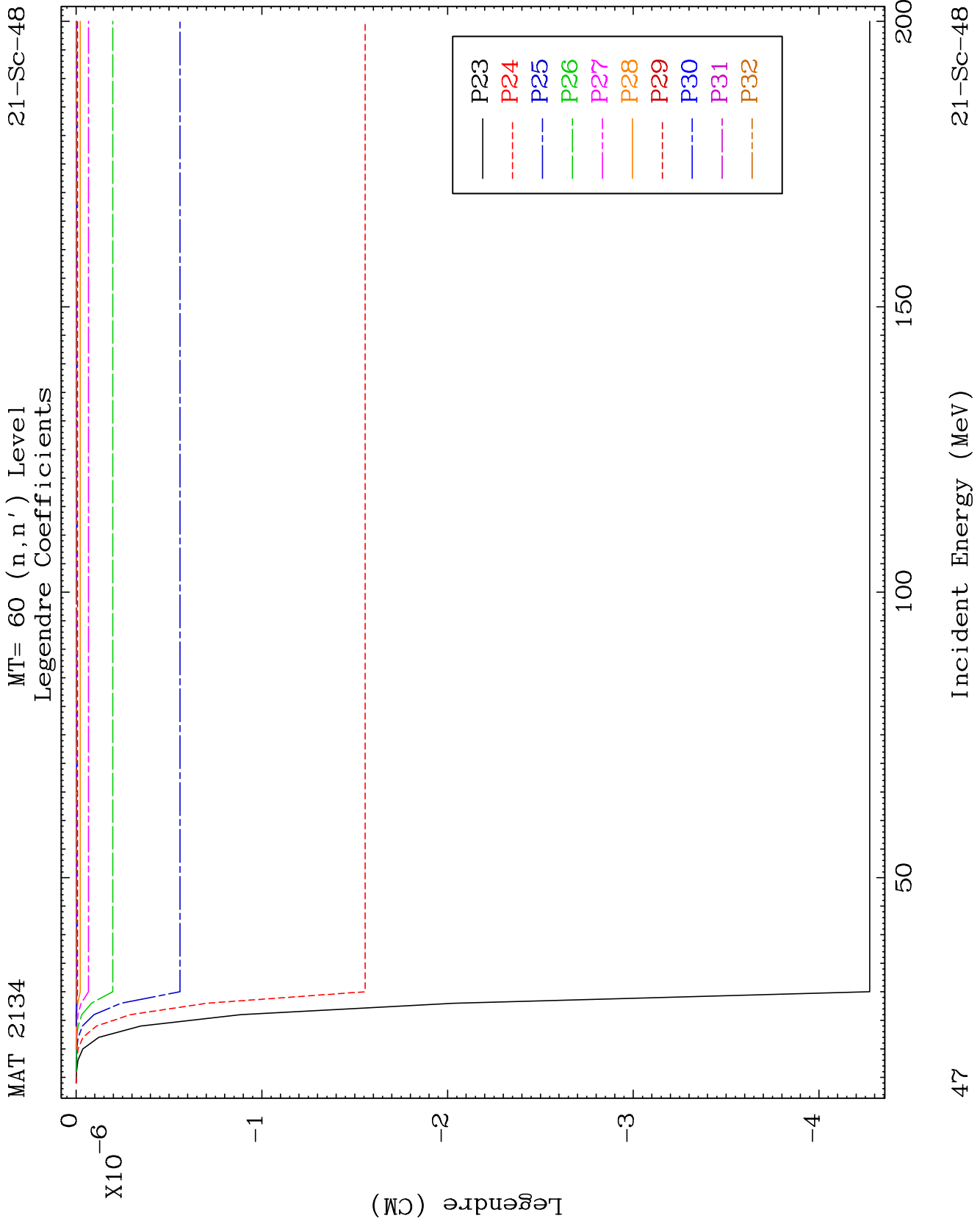
21-Sc-48

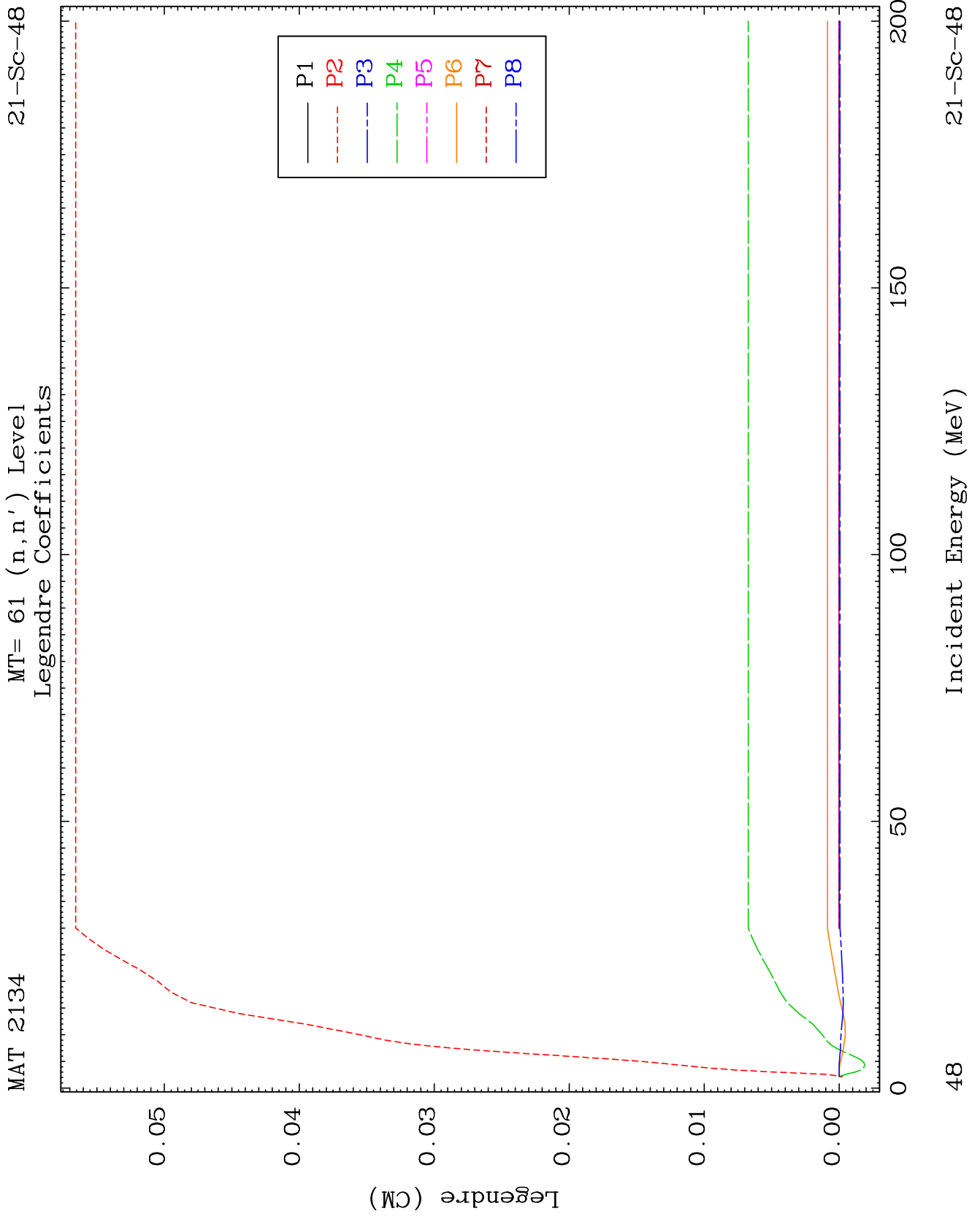


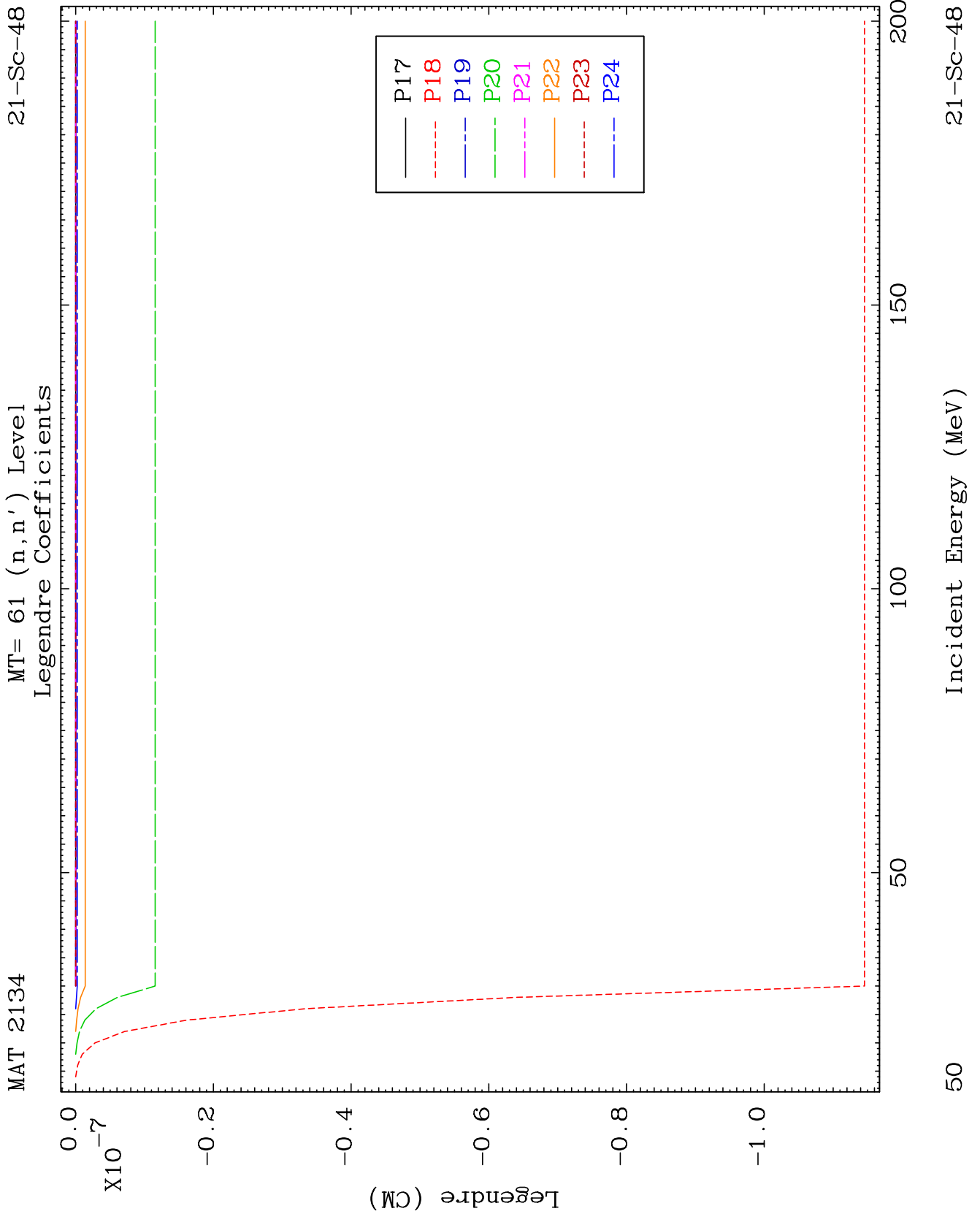
46

Incident Energy (MeV)

21-Sc-48



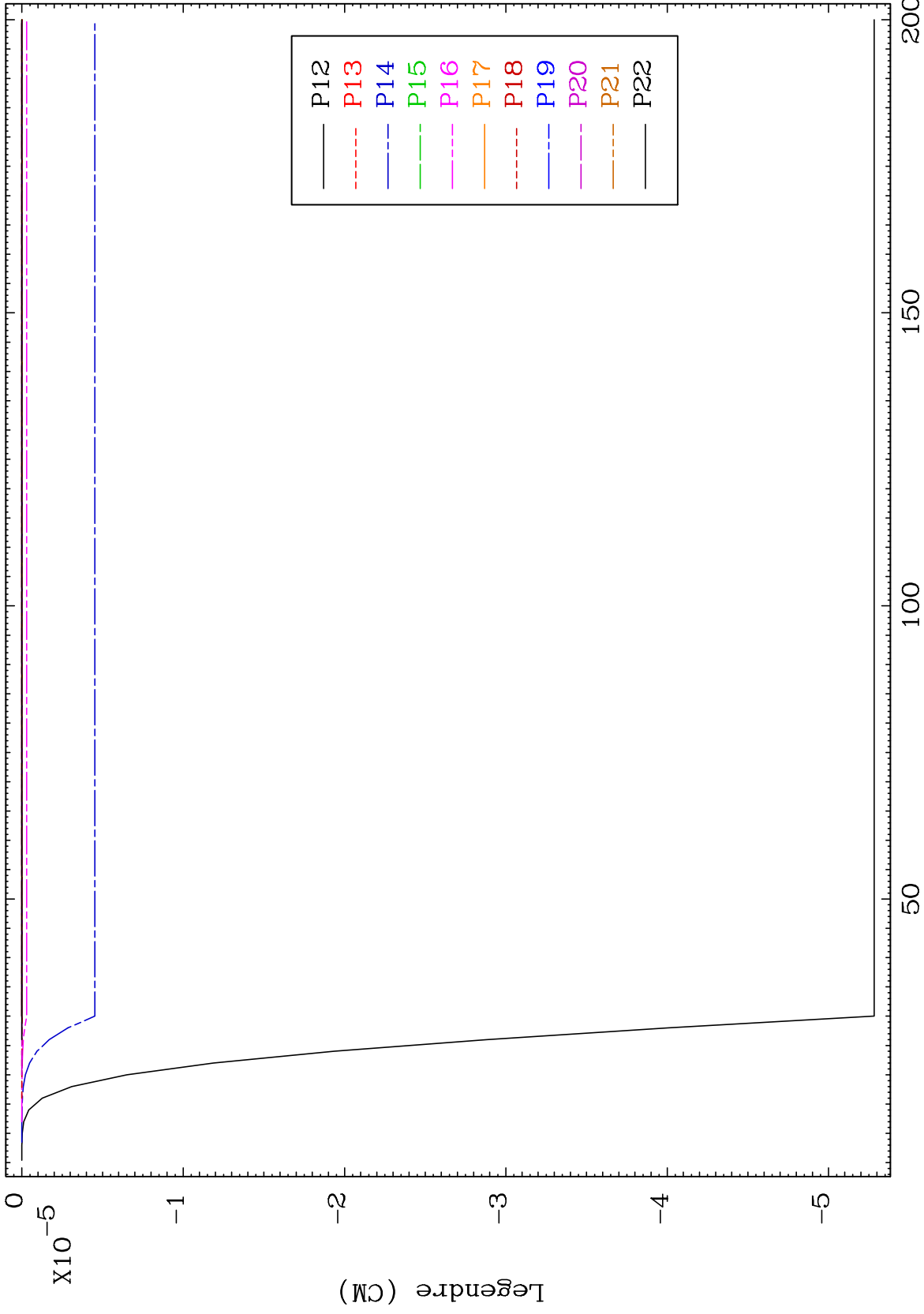




MAT 2134

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

21-Sc-48



52

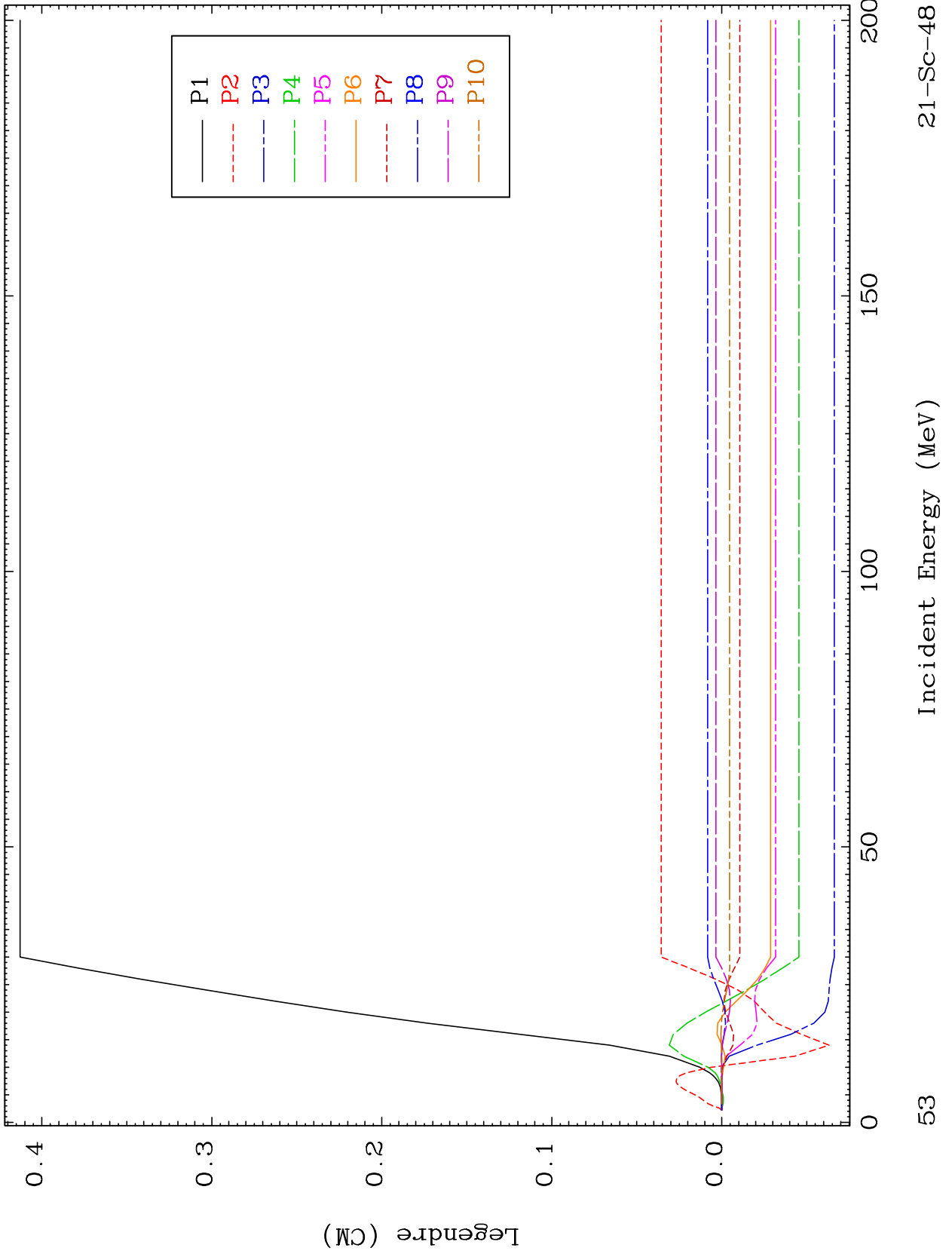
Incident Energy (MeV)

21-Sc-48

MAT 2134

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

21-Sc-48



53

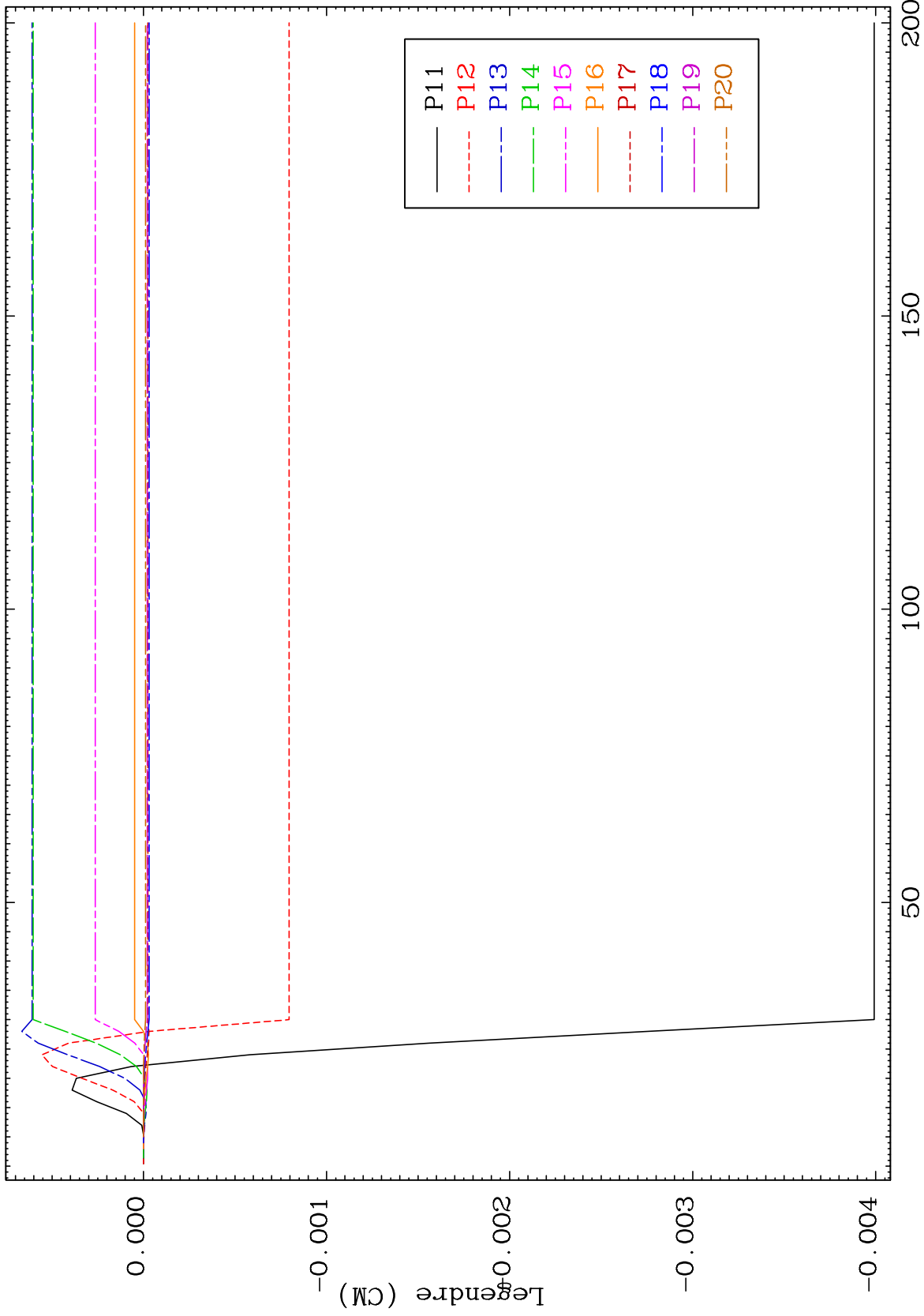
Incident Energy (MeV)

21-Sc-48

MAT 2134

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

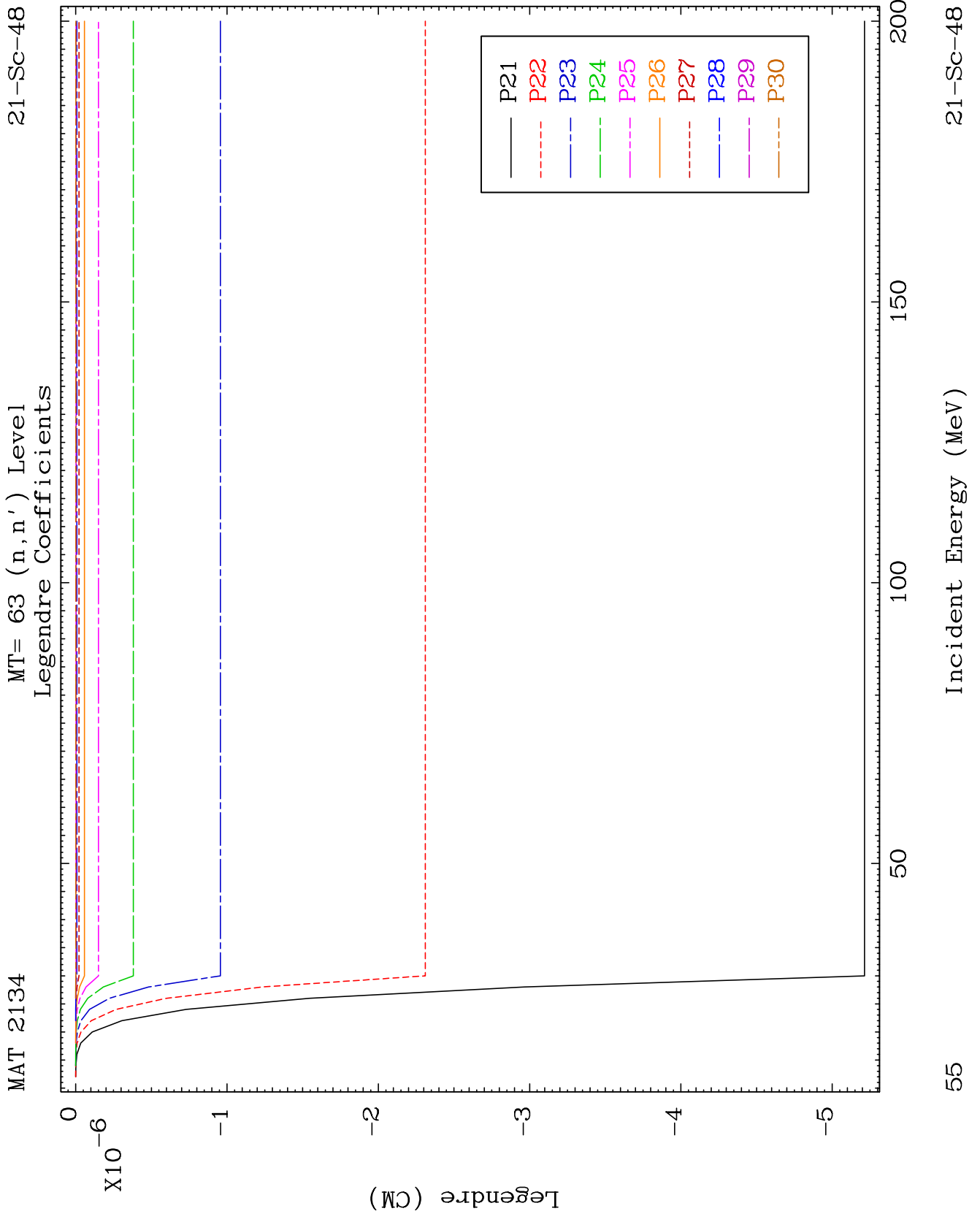
21-Sc-48

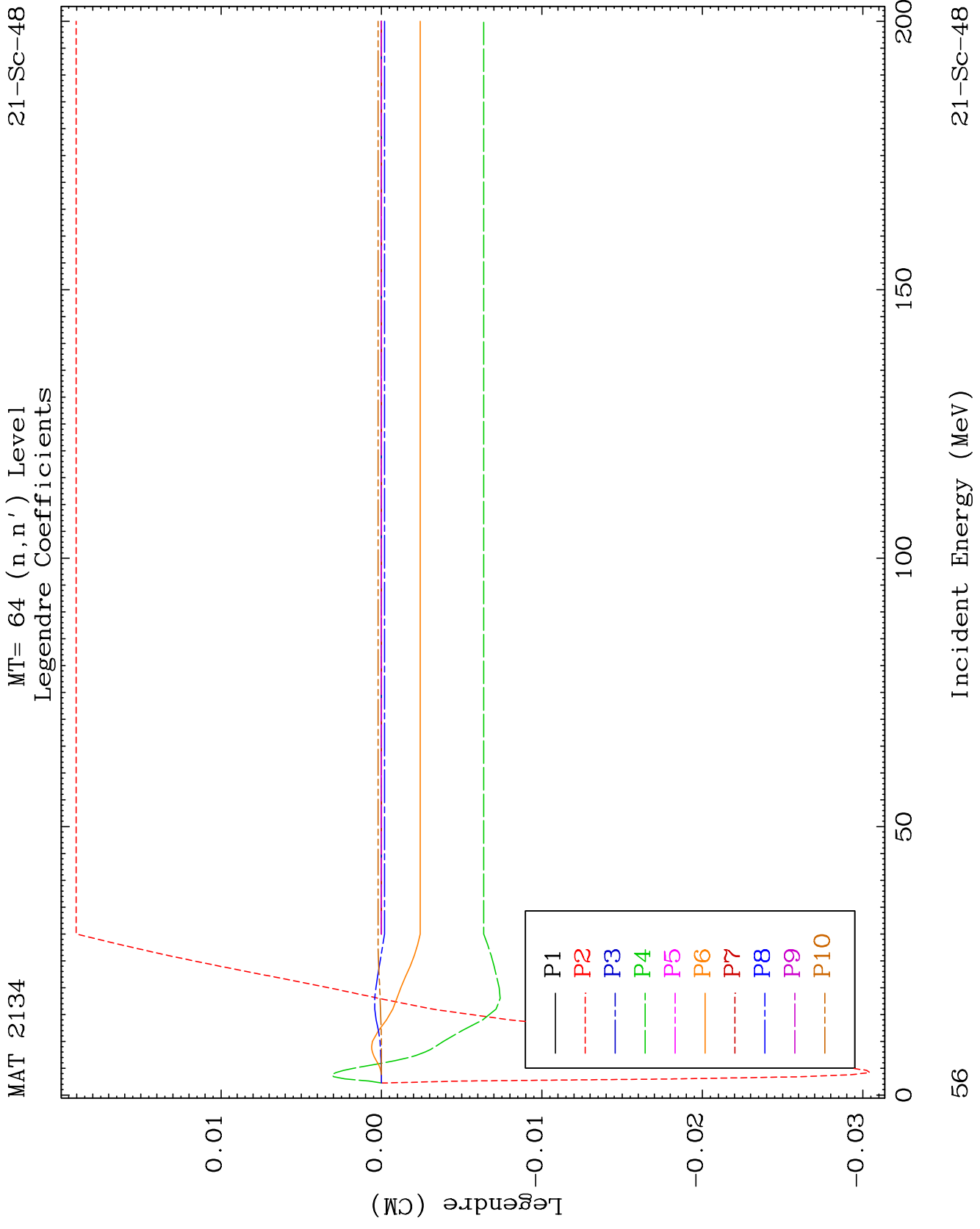


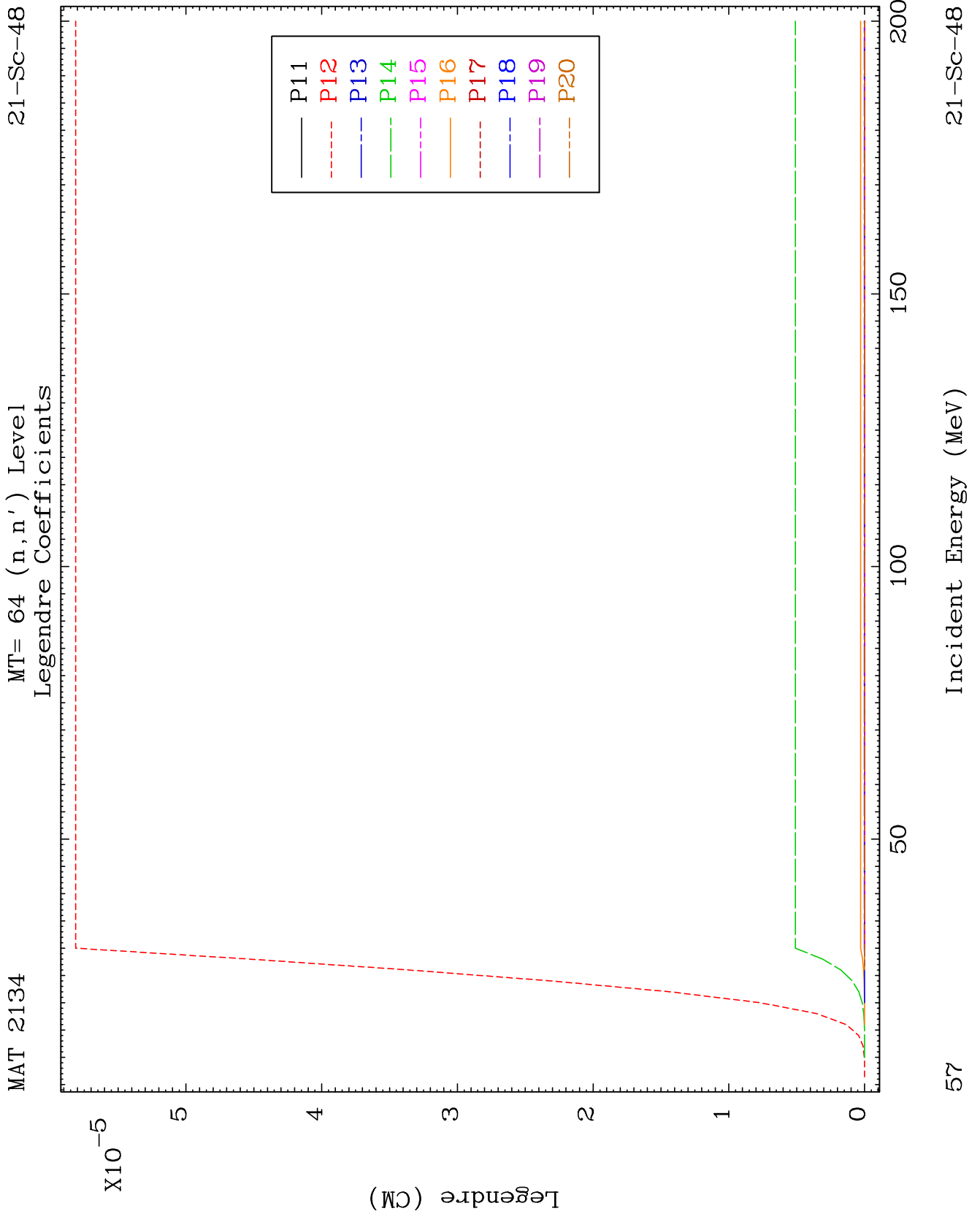
54

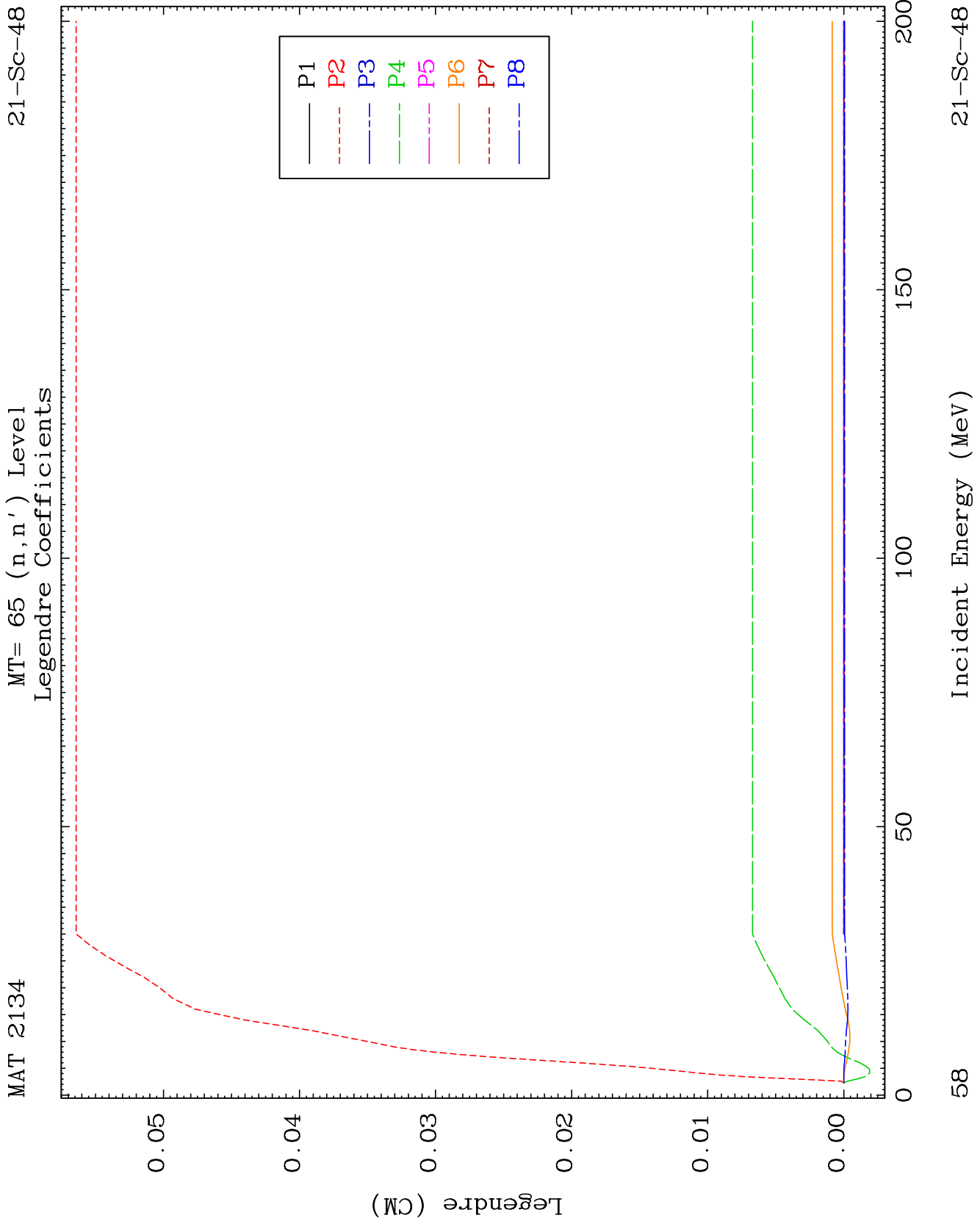
Incident Energy (MeV)

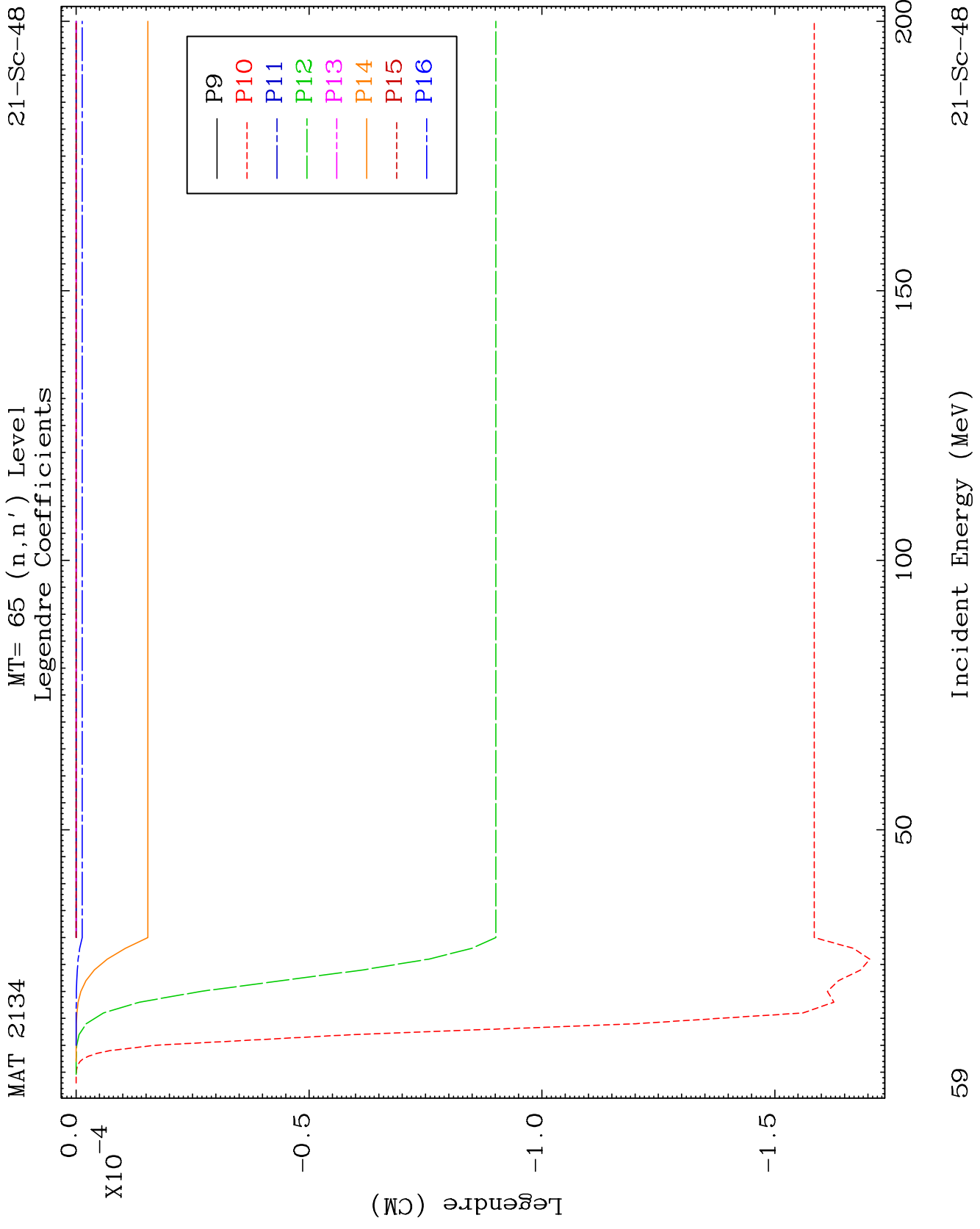
21-Sc-48

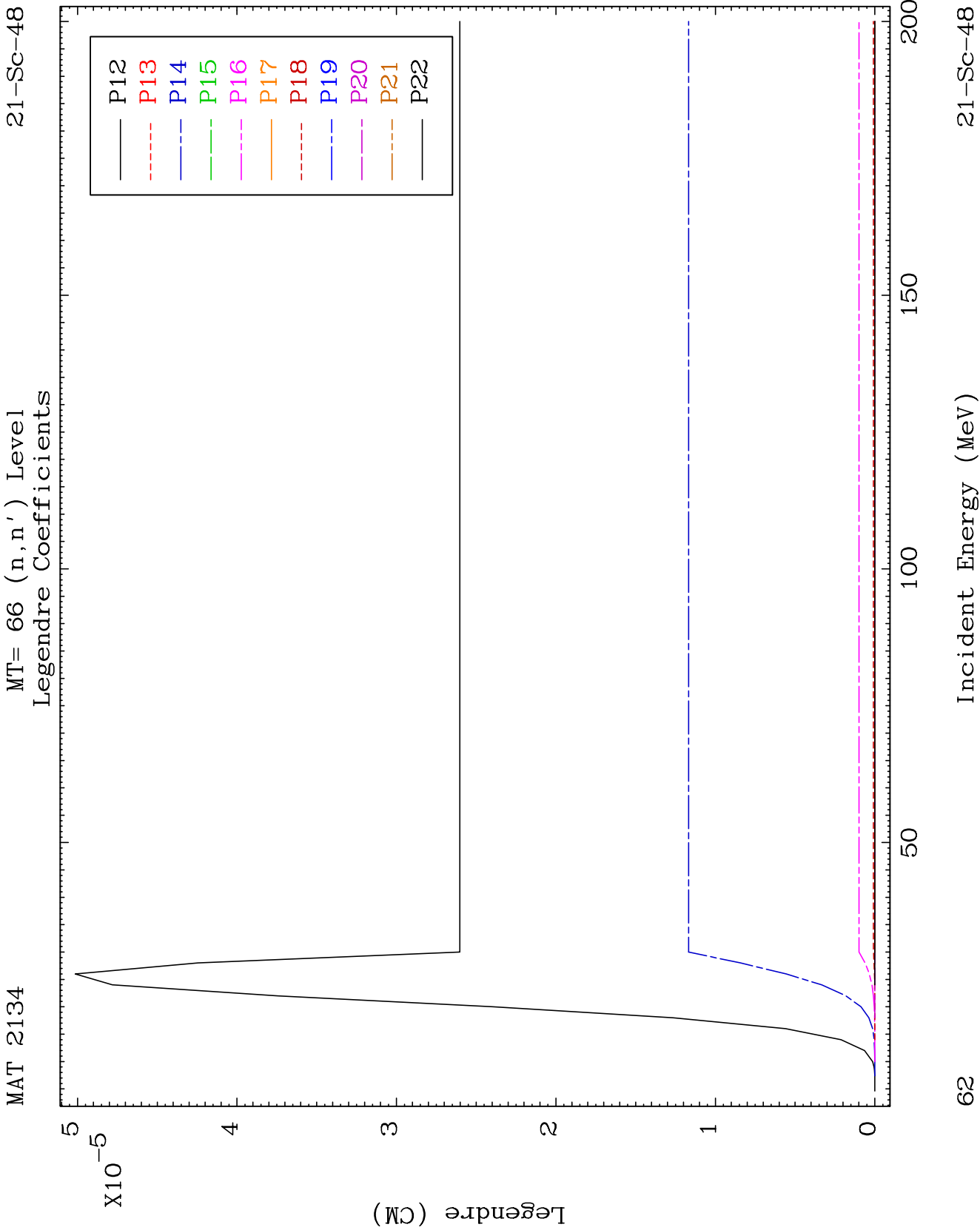








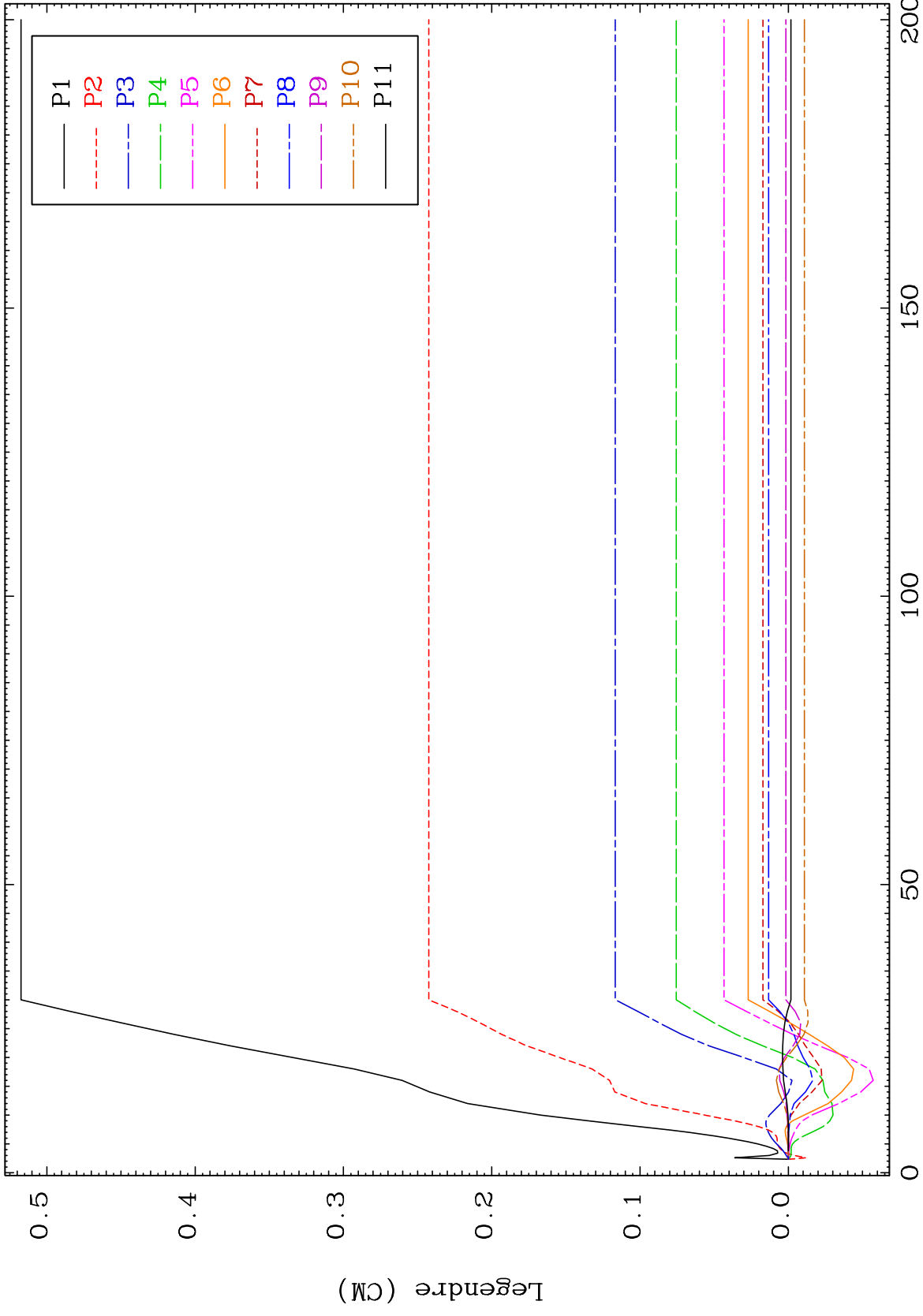




MAT 2134

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

21-Sc-48



63

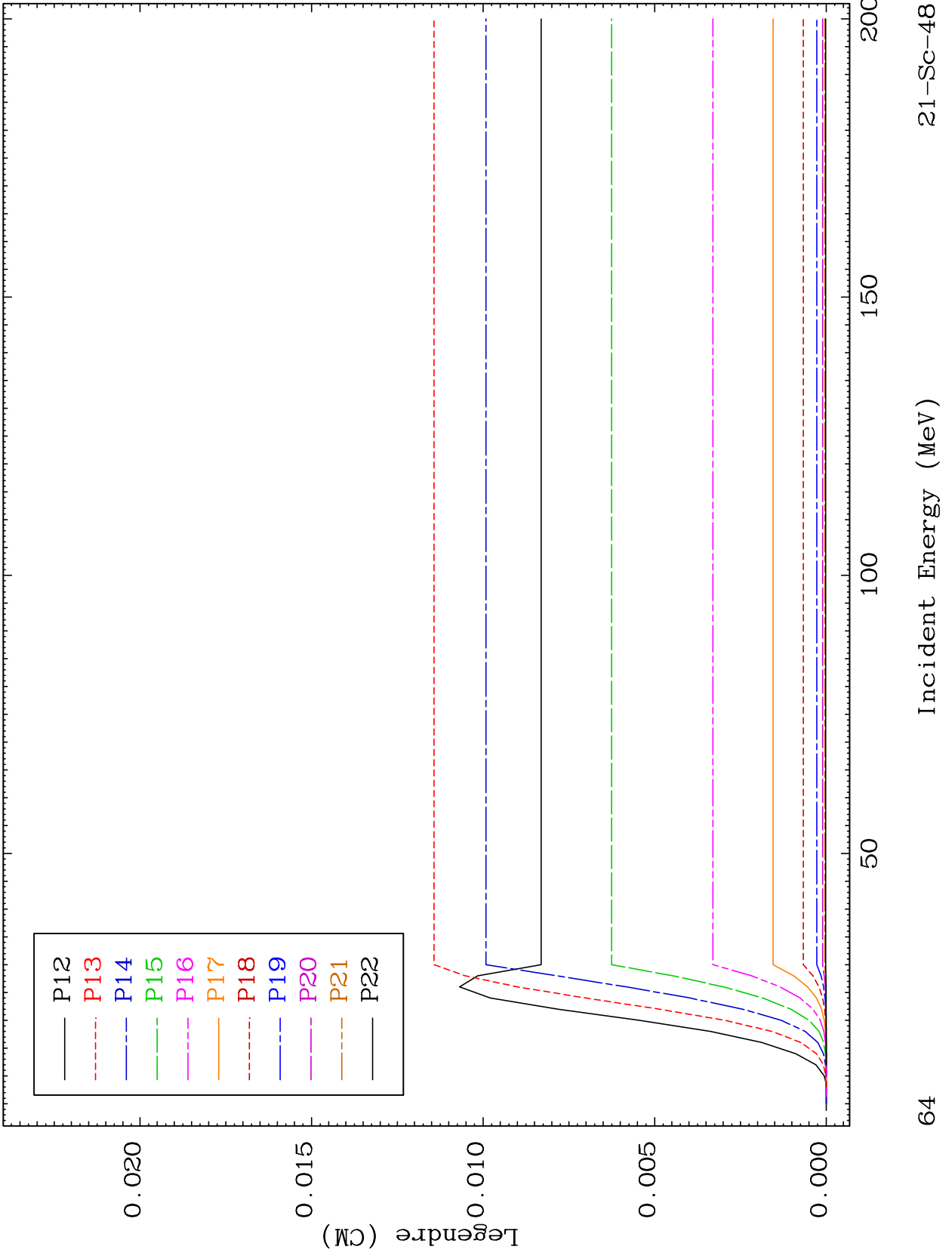
Incident Energy (MeV)

21-Sc-48

MAT 2134

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

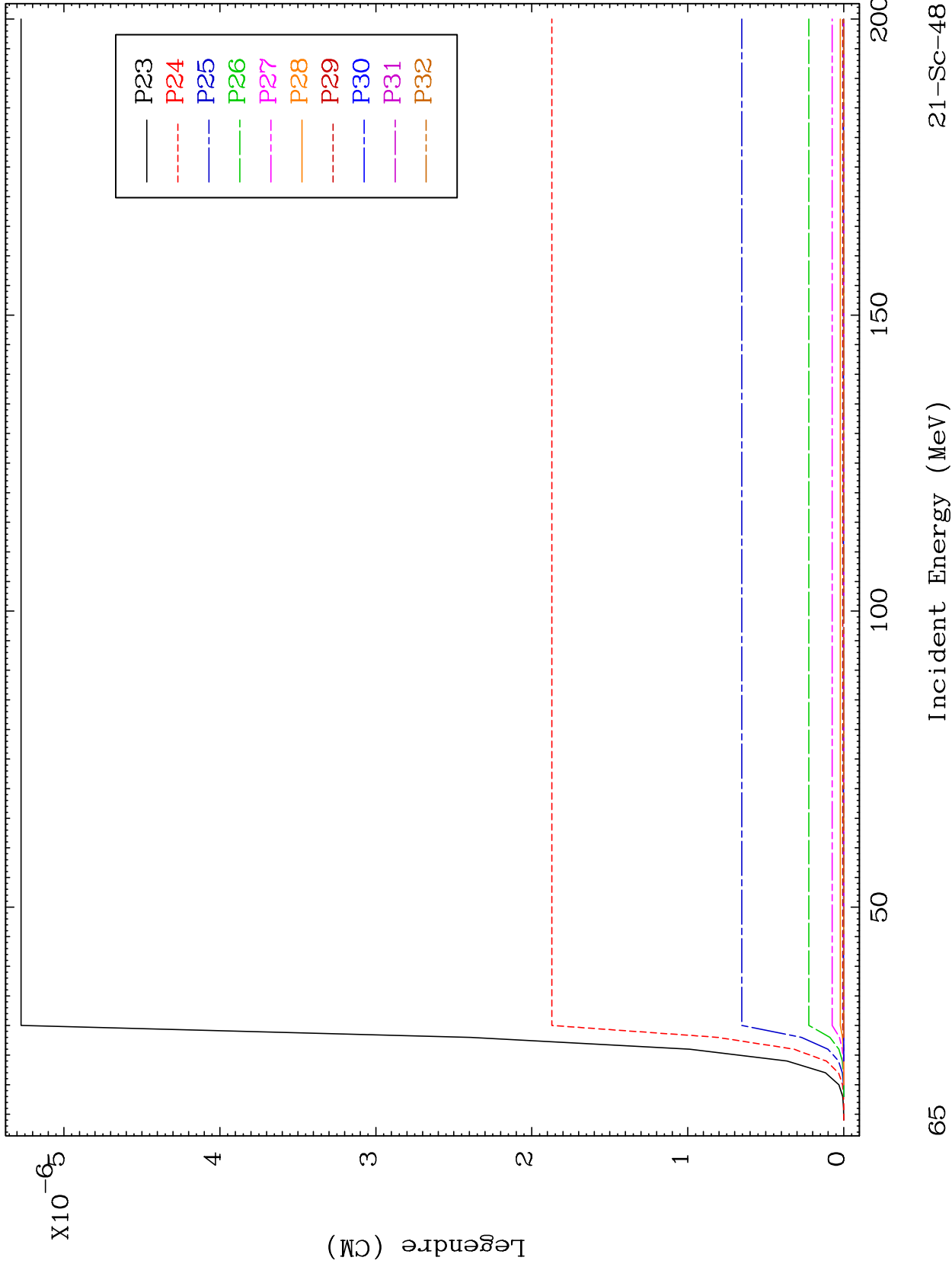
21-Sc-48



MAT 2134

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

21-Sc-48



65

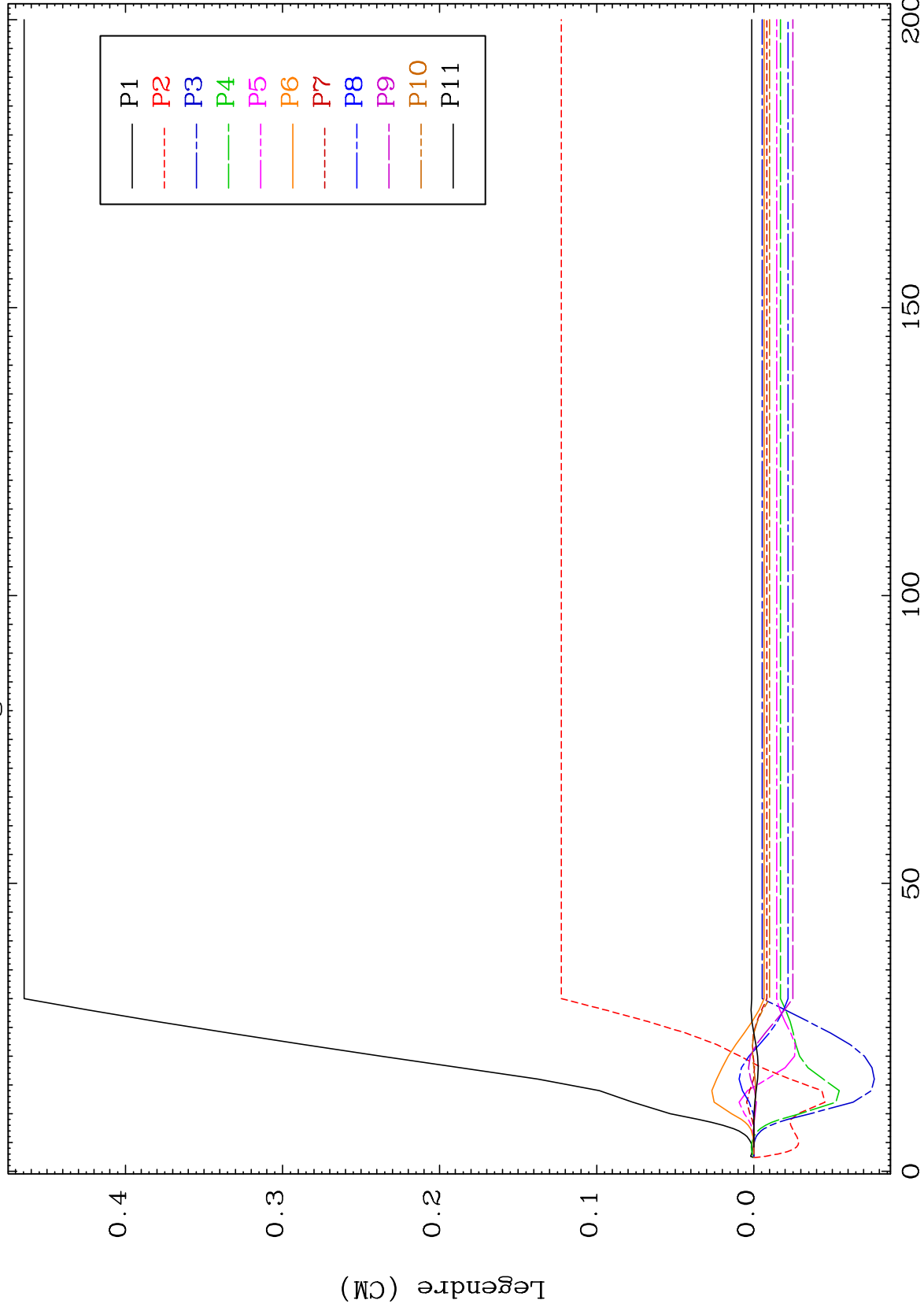
Incident Energy (MeV)

21-Sc-48

MAT 2134

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

21-Sc-48



66

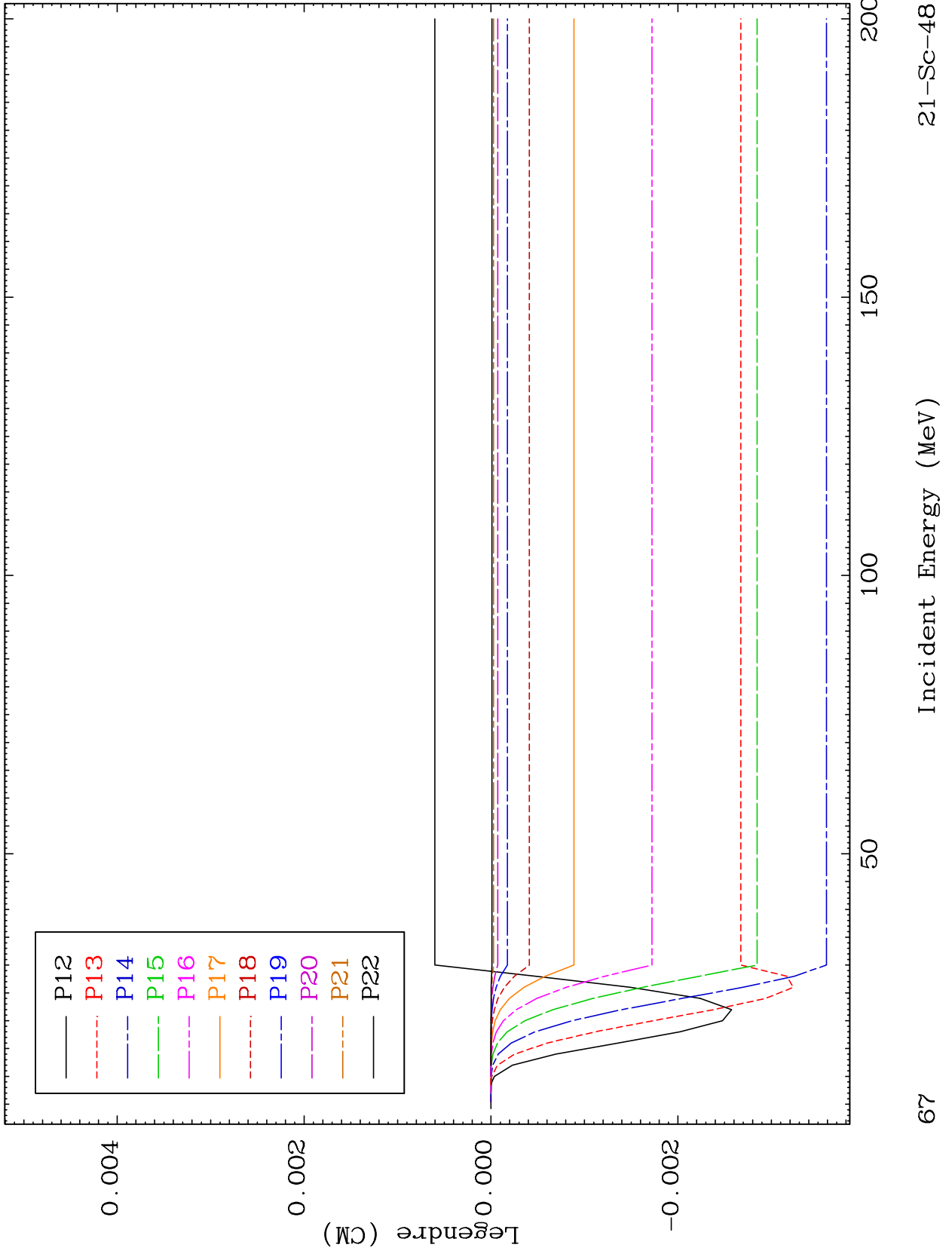
Incident Energy (MeV)

21-Sc-48

MAT 2134

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

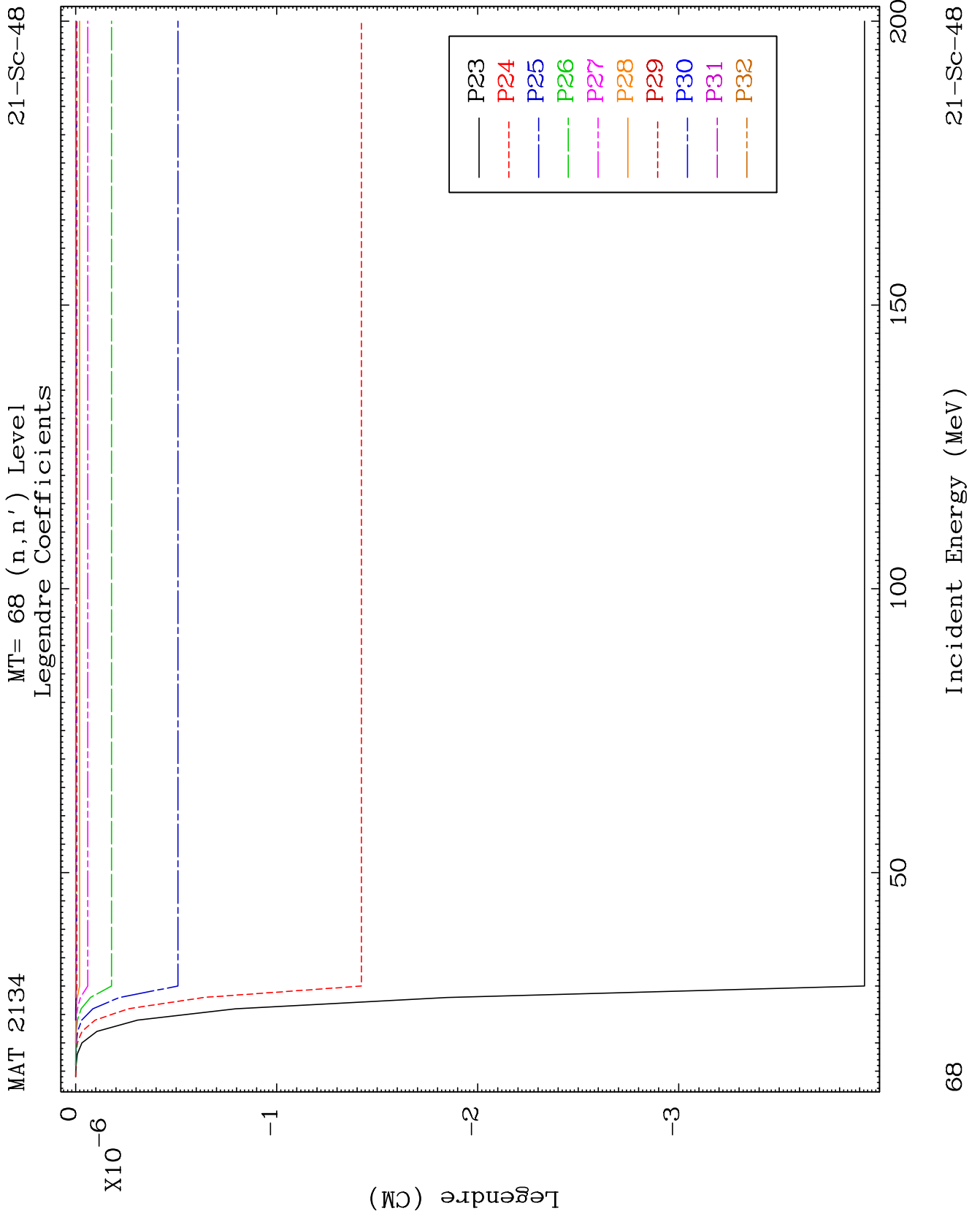
21-Sc-48



67

Incident Energy (MeV)

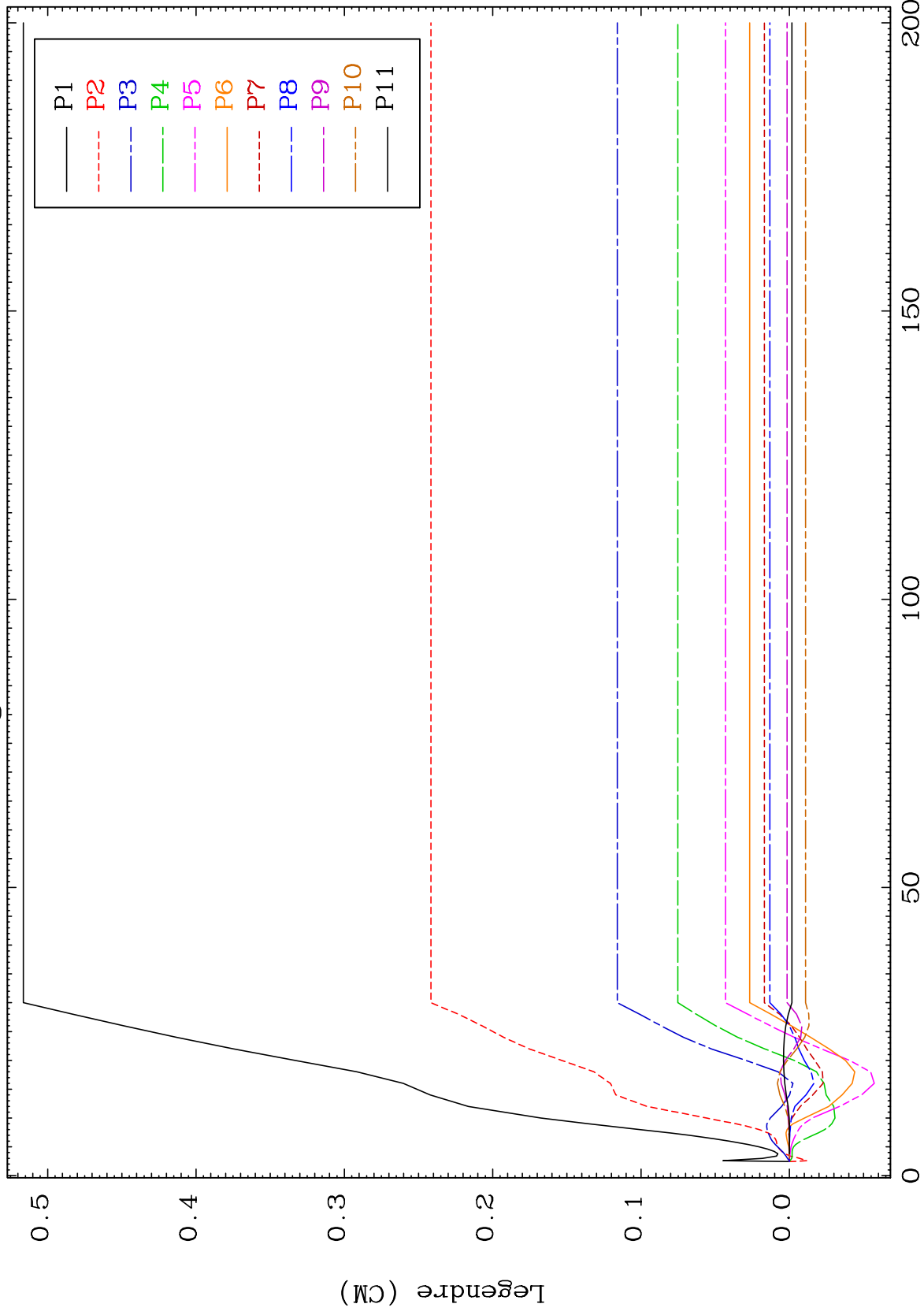
21-Sc-48



MAT 2134

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

21-Sc-48



69

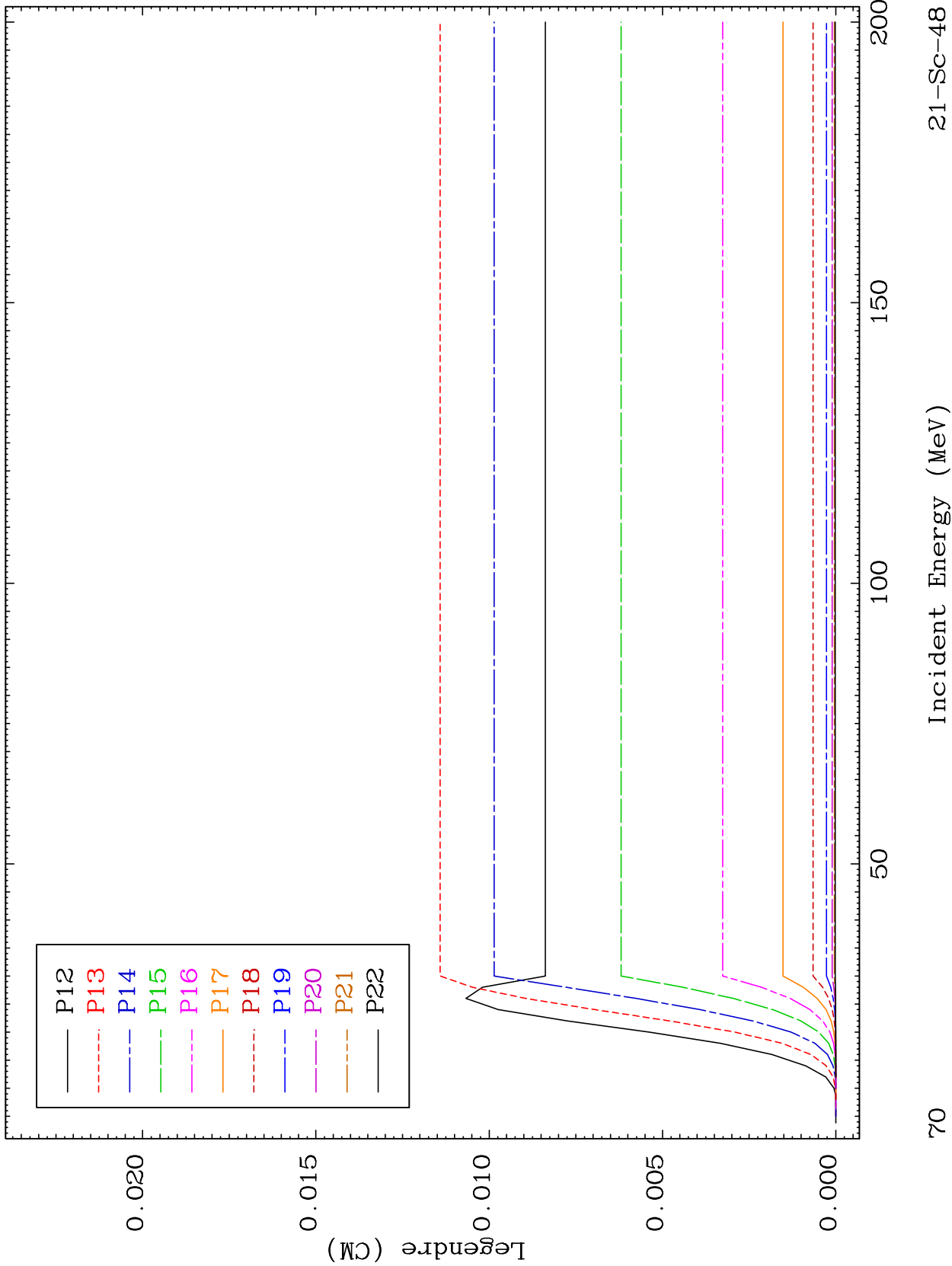
Incident Energy (MeV)

21-Sc-48

MAT 2134

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

21-Sc-48



70

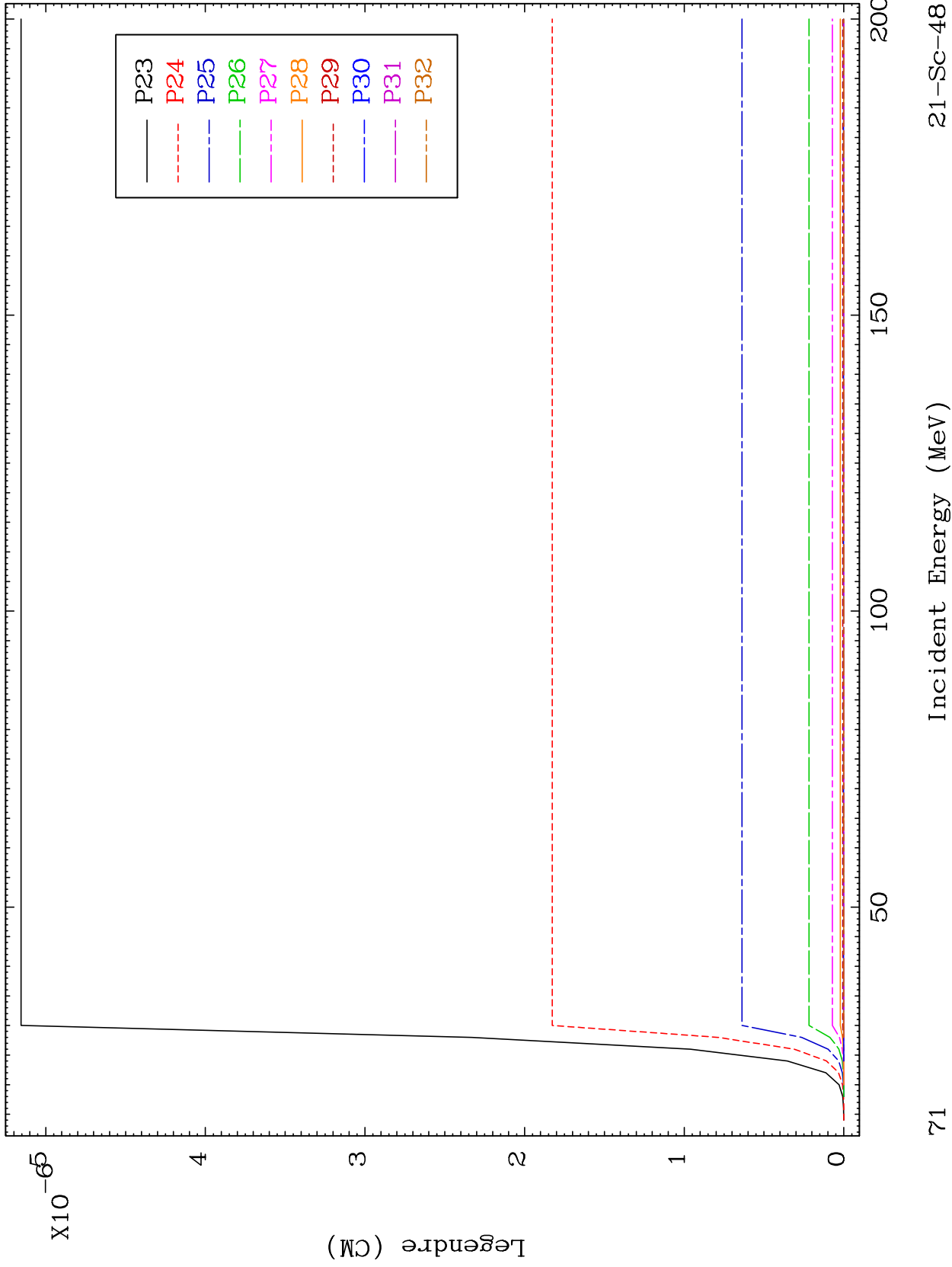
Incident Energy (MeV)

21-Sc-48

MAT 2134

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

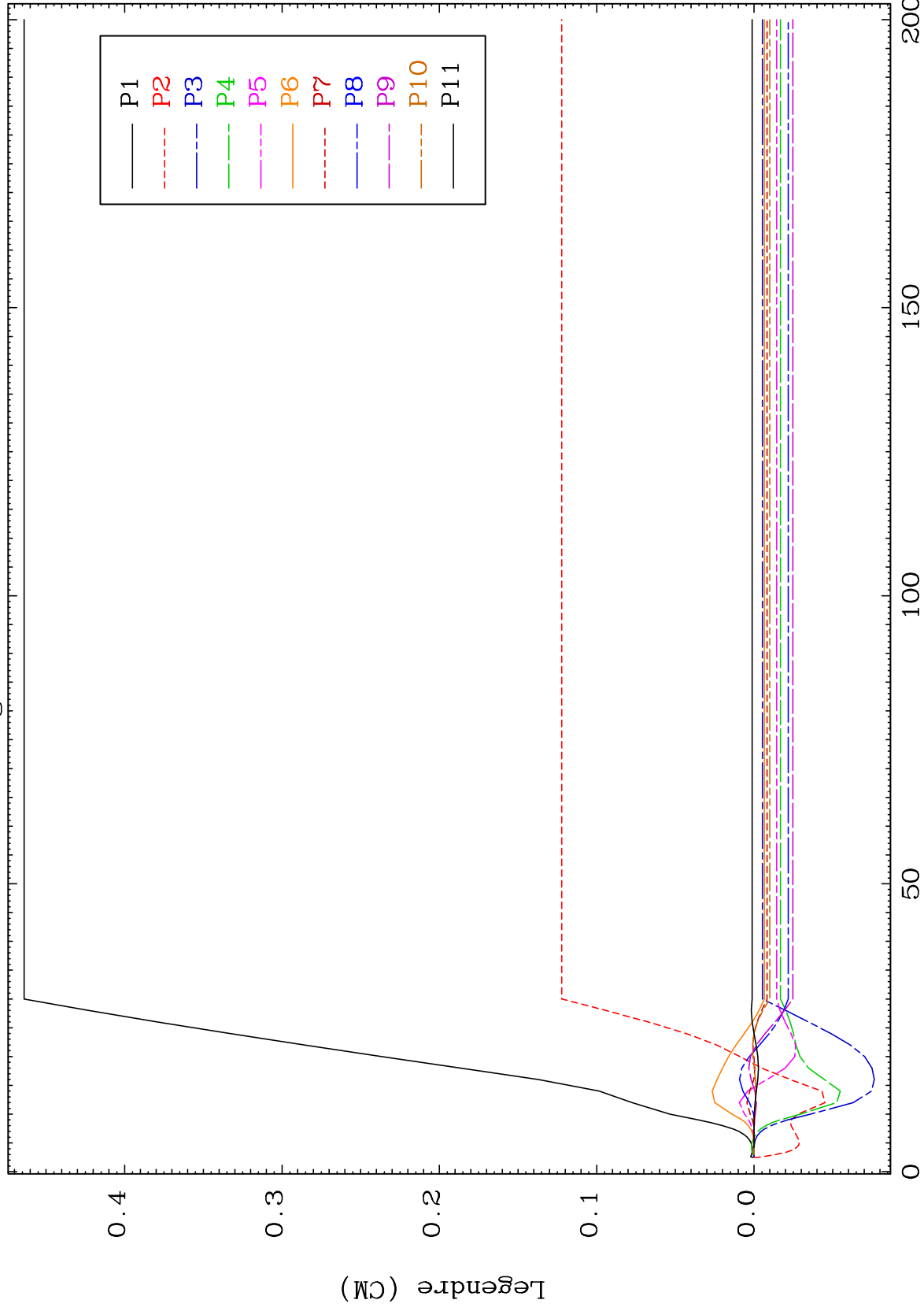
21-Sc-48



MAT 2134

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

21-Sc-48



72

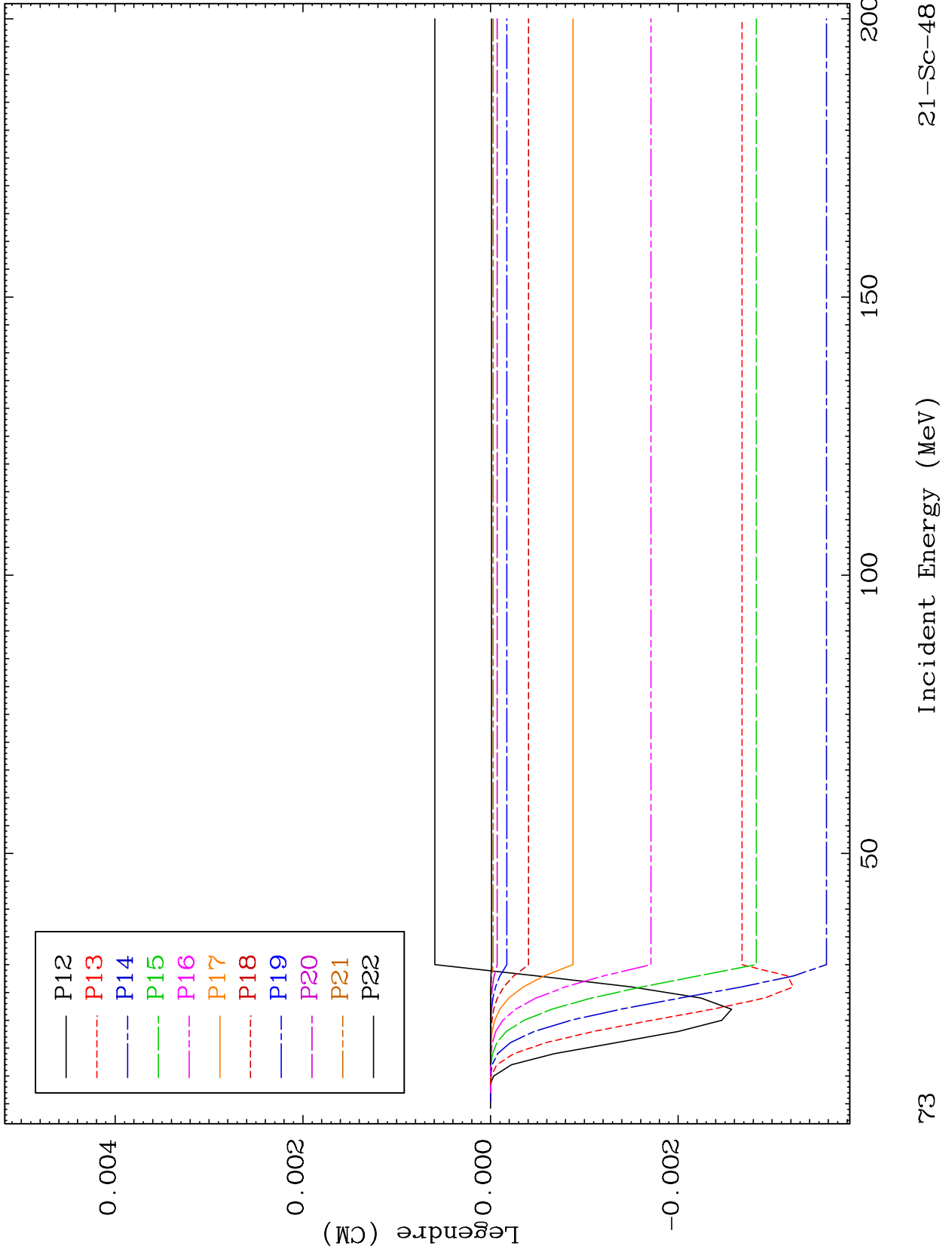
Incident Energy (MeV)

21-Sc-48

MAT 2134

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

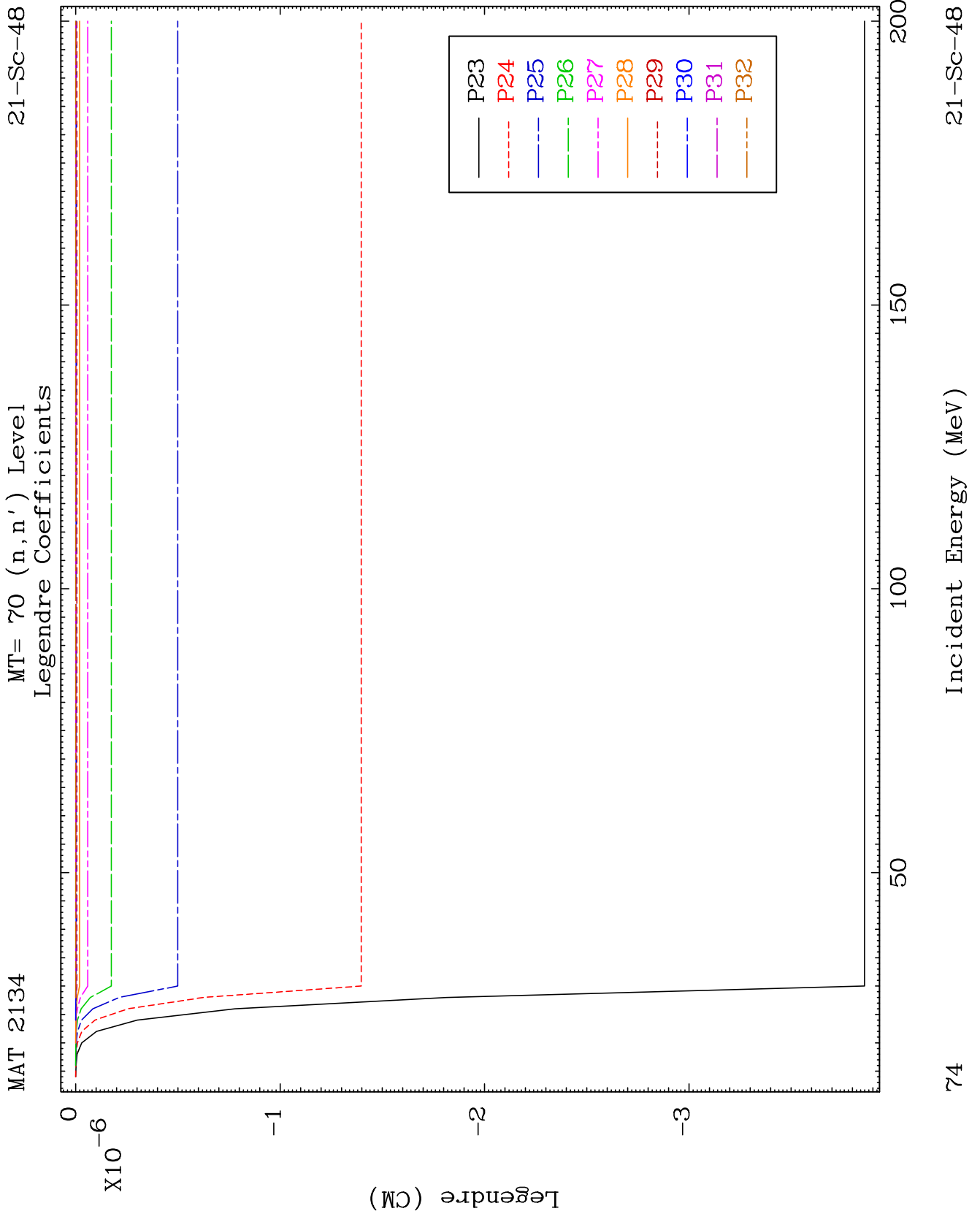
21-Sc-48



73

Incident Energy (MeV)

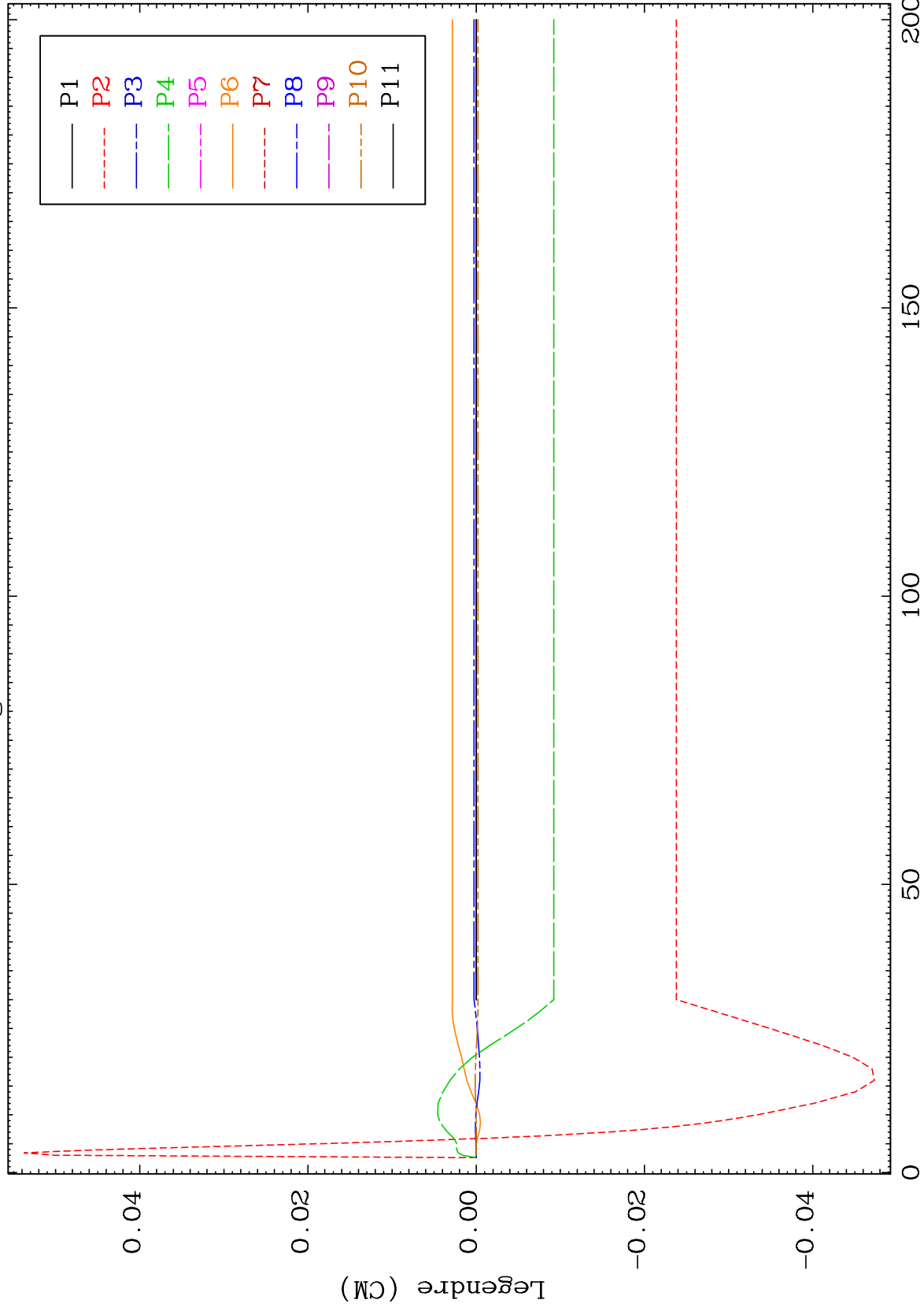
21-Sc-48



MAT 2134

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

21-Sc-48



75

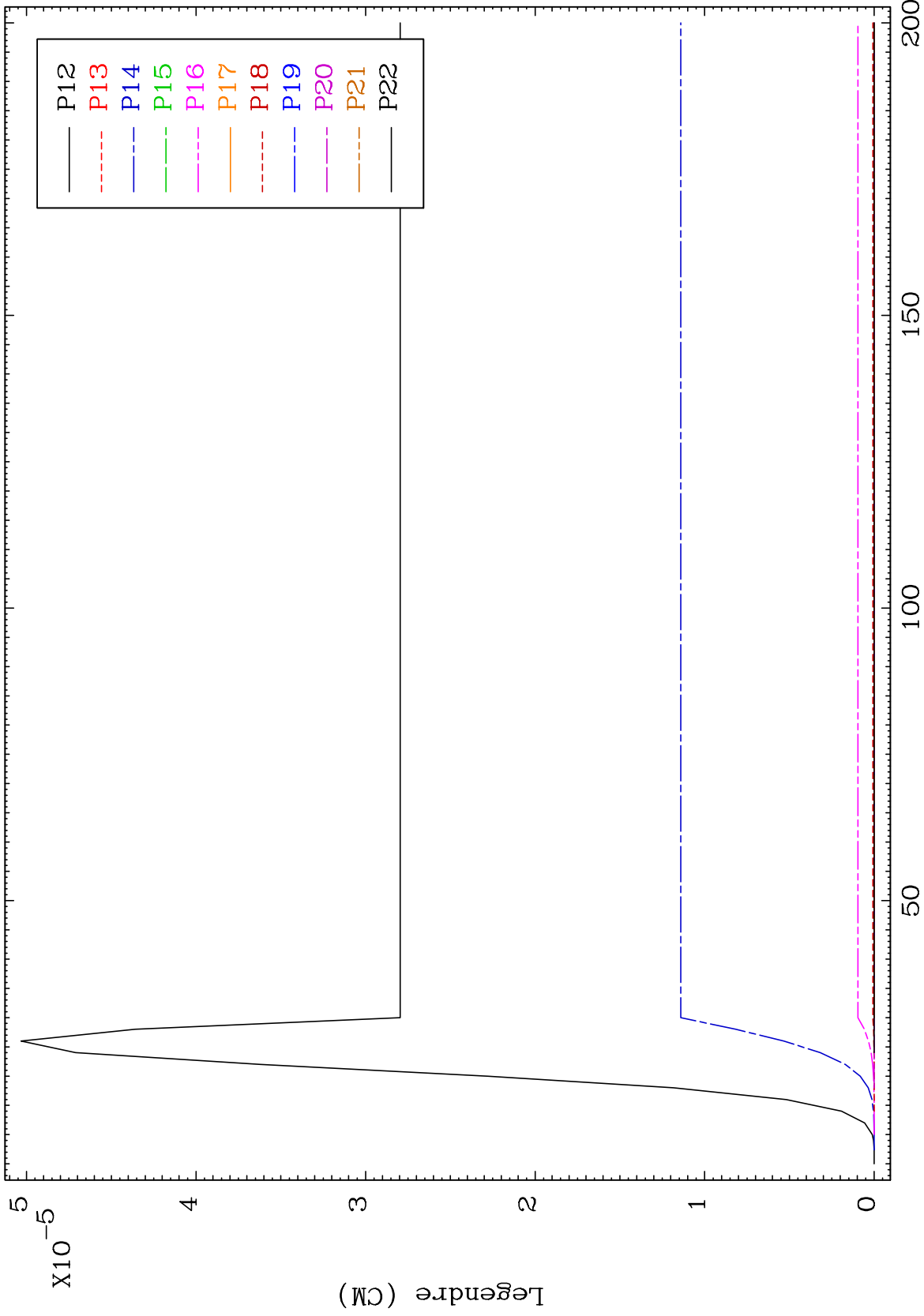
Incident Energy (MeV)

21-Sc-48

MAT 2134

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

21-Sc-48



76

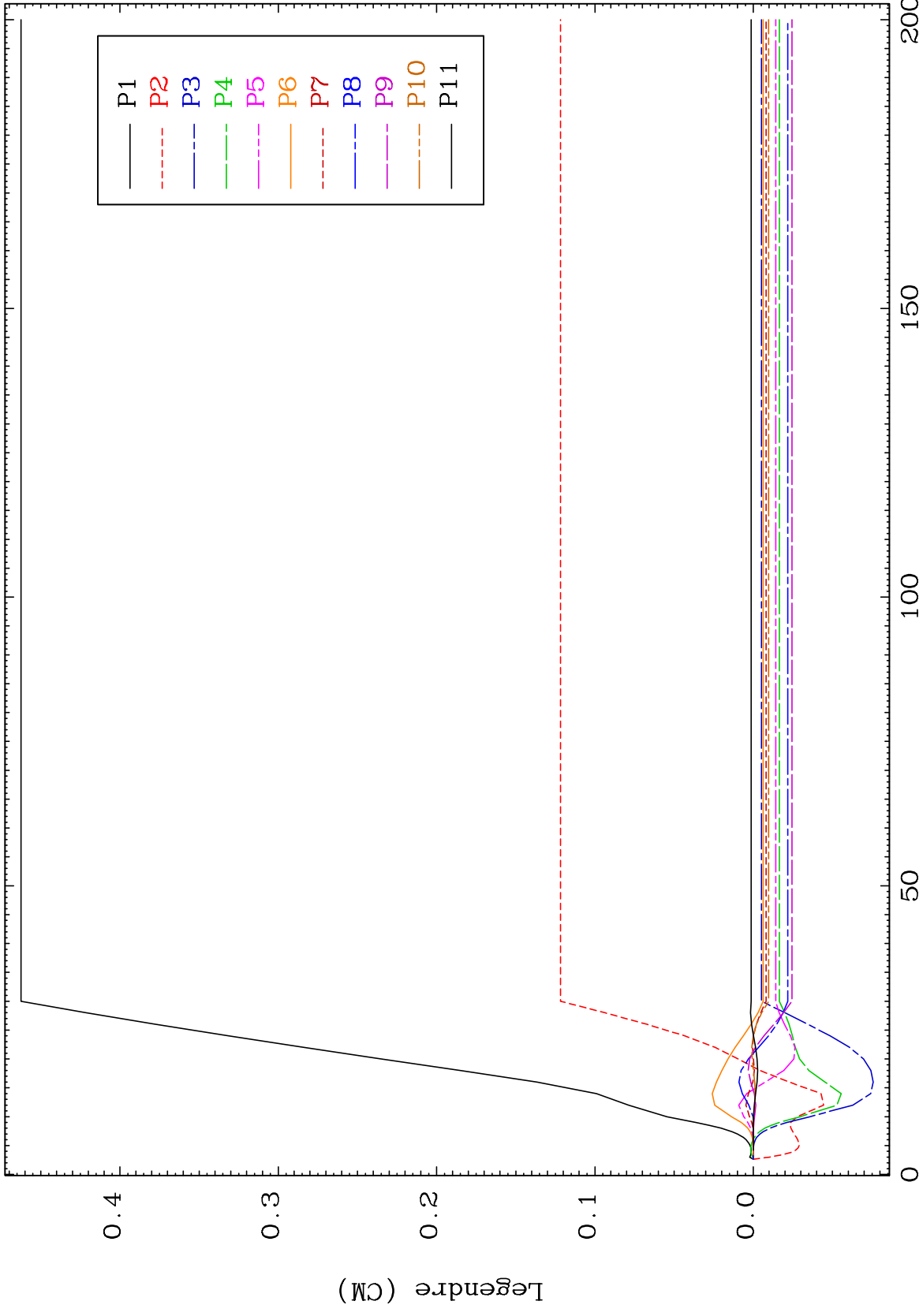
Incident Energy (MeV)

21-Sc-48

MAT 2134

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

21-Sc-48



77

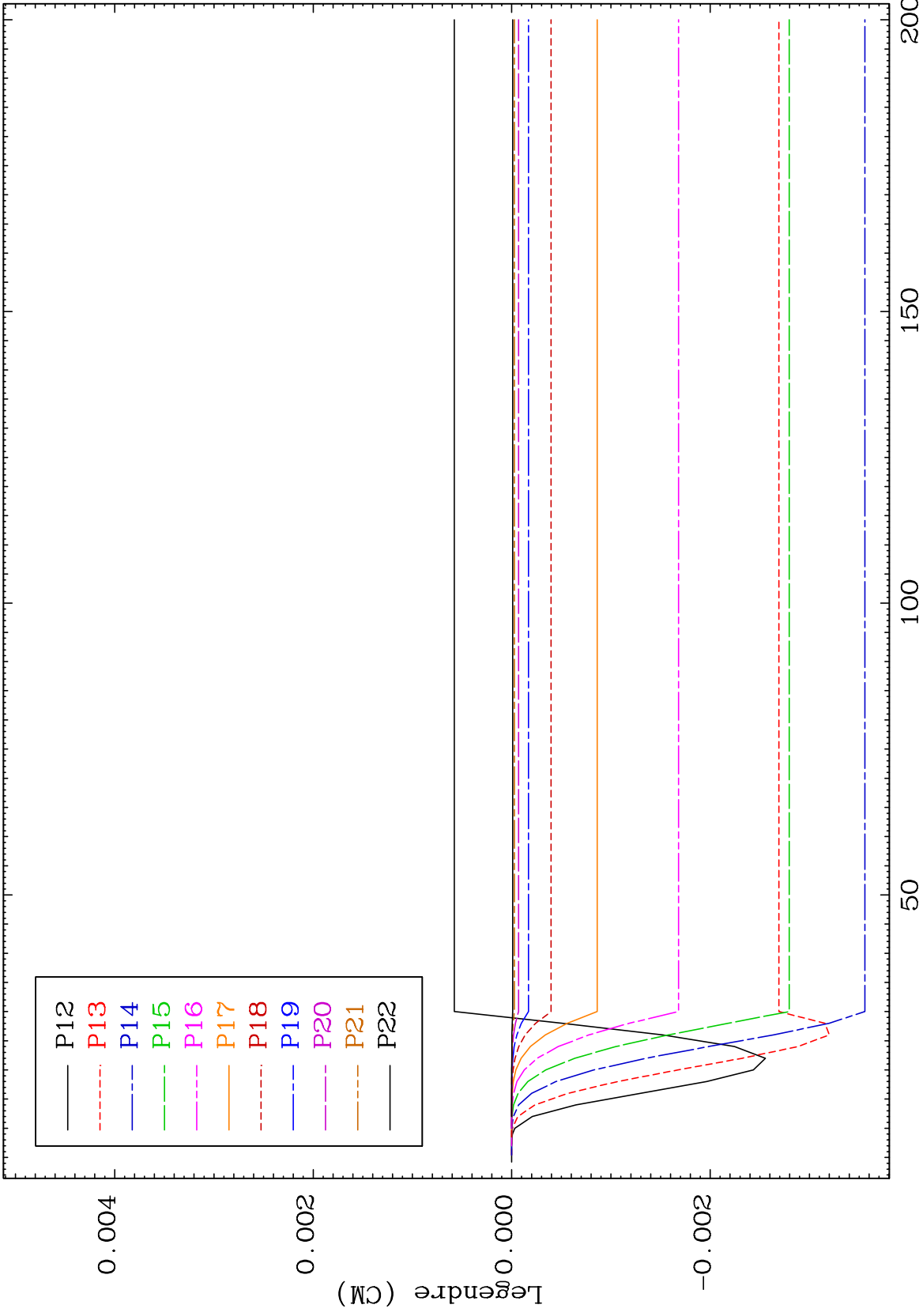
Incident Energy (MeV)

21-Sc-48

MAT 2134

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

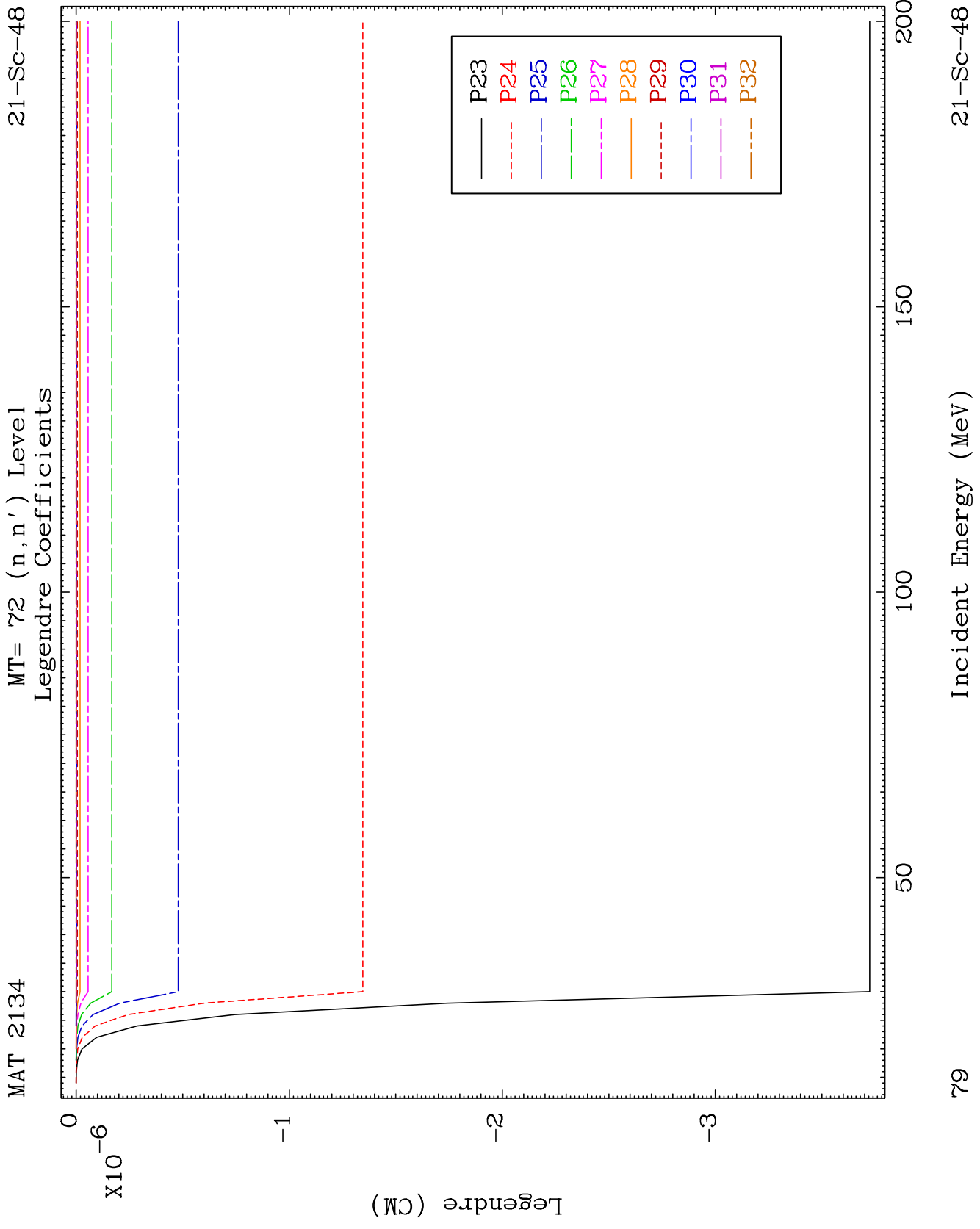
21-Sc-48



78

Incident Energy (MeV)

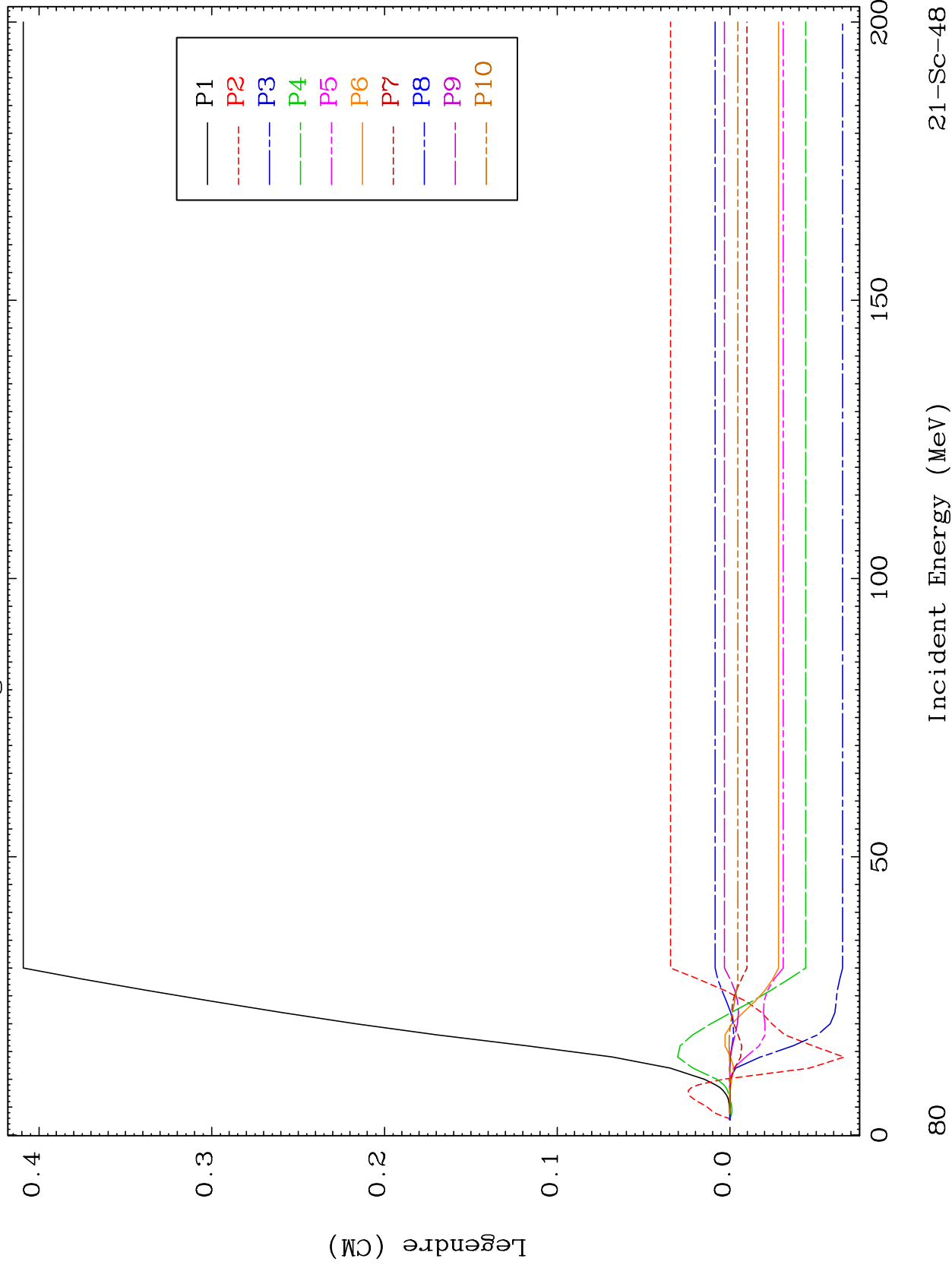
21-Sc-48



MAT 2134

MT= 73 (n,n') Level
Legendre Coefficients

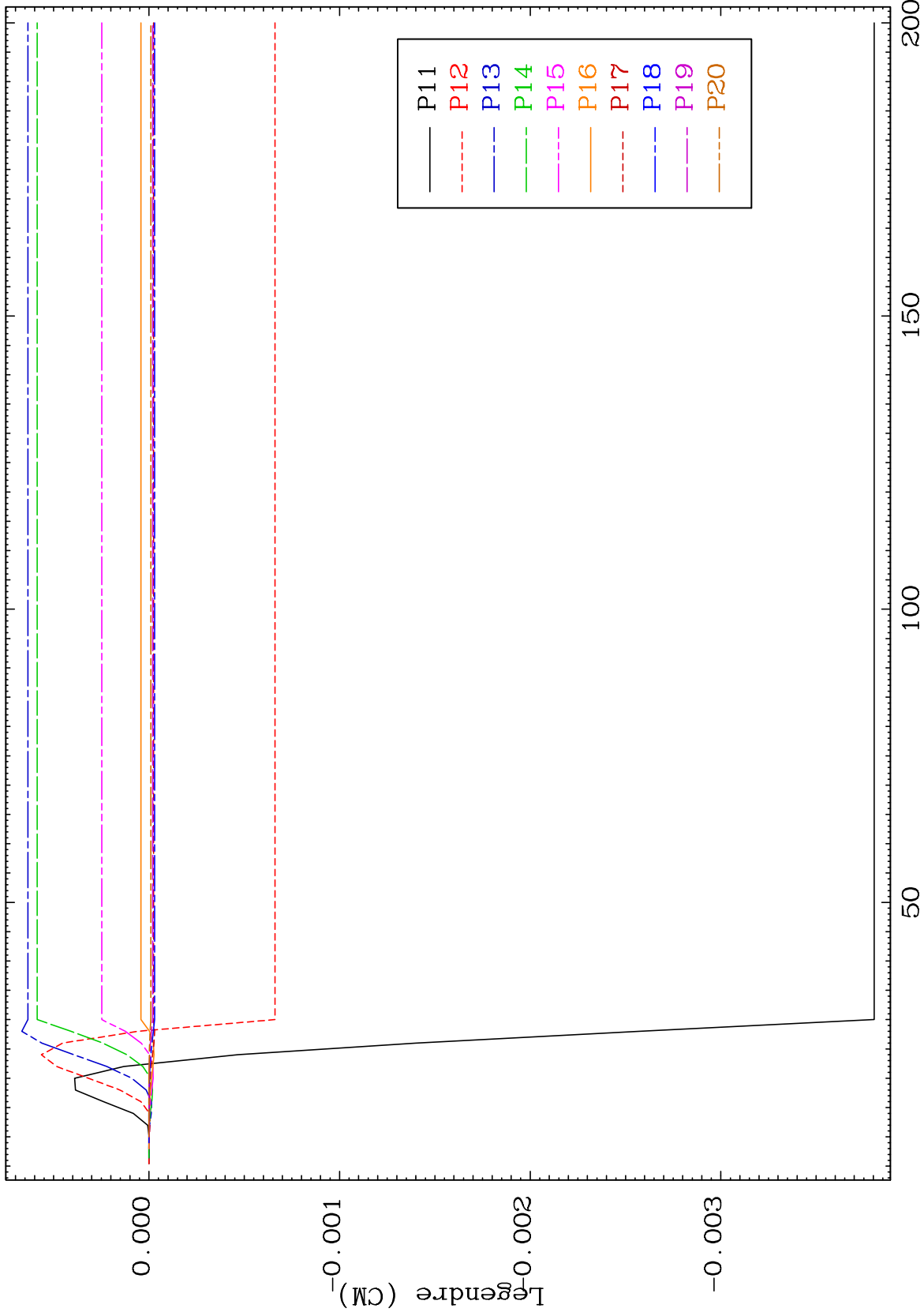
21-Sc-48



MAT 2134

MT= 73 (n,n') Level
Legendre Coefficients

21-Sc-48

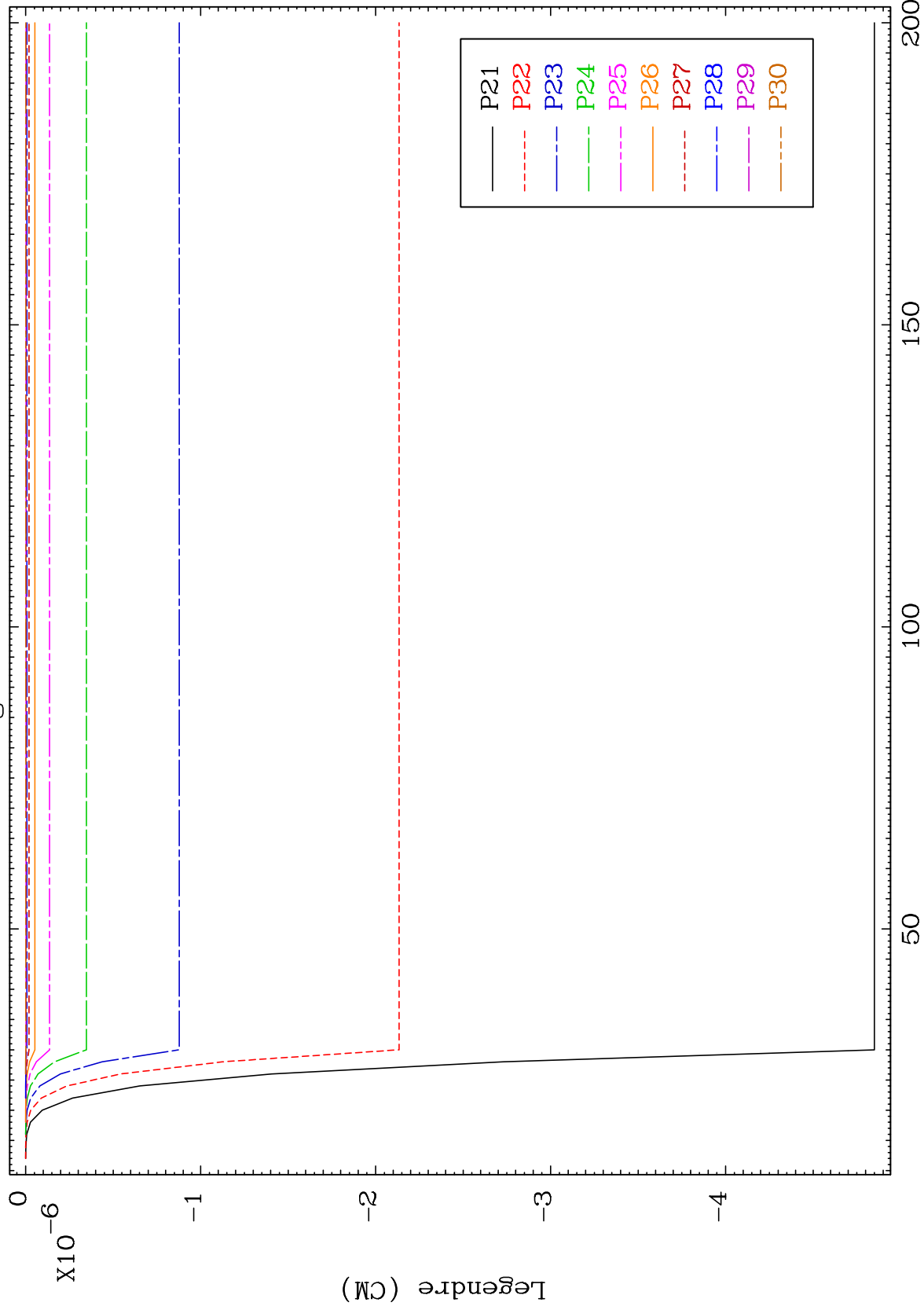


MAT 2134

MT= 73 (n,n') Level

21-Sc-48

Legendre Coefficients



82

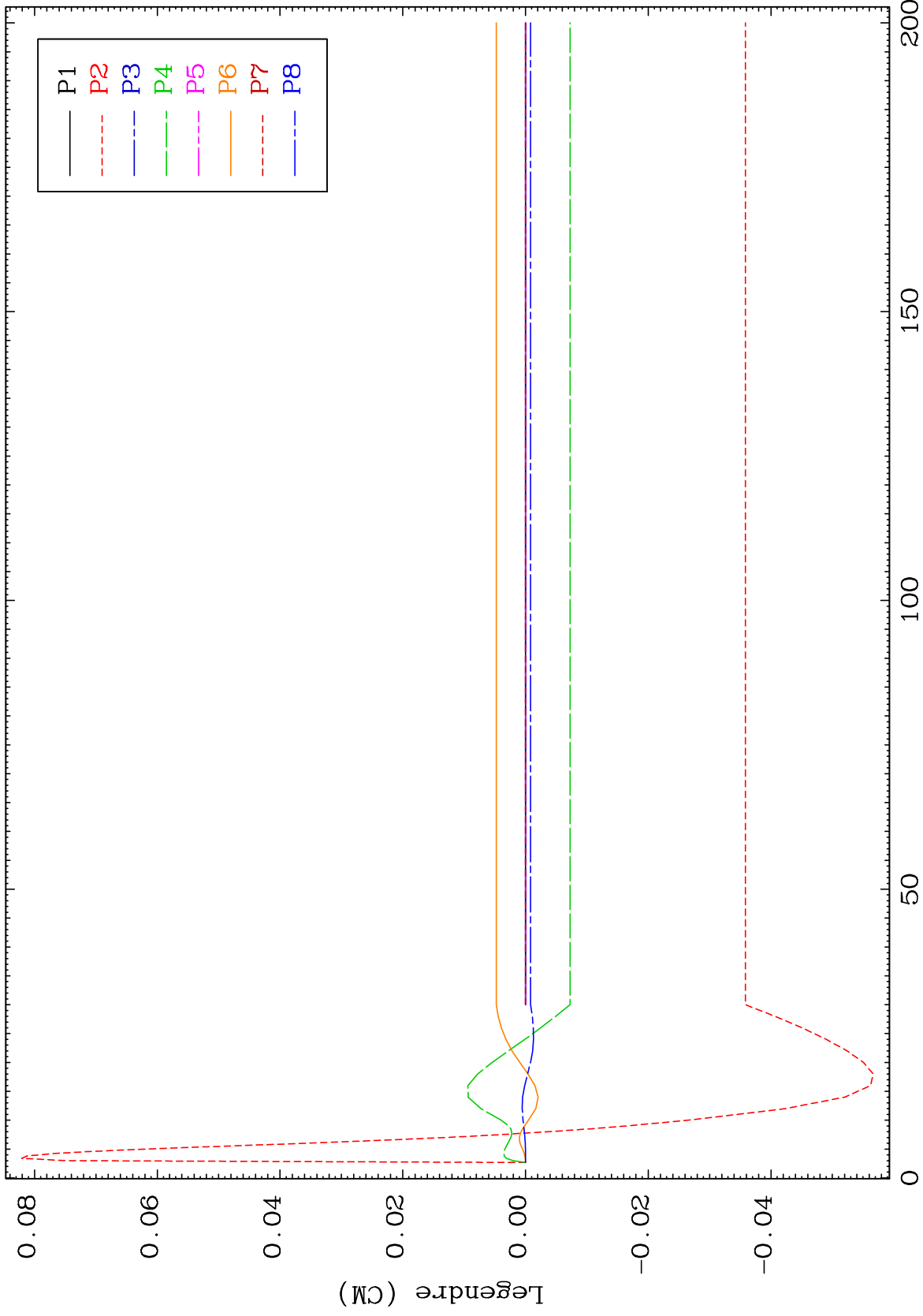
Incident Energy (MeV)

21-Sc-48

MAT 2134

MT= 74 (n,n') Level
Legendre Coefficients

21-Sc-48



83

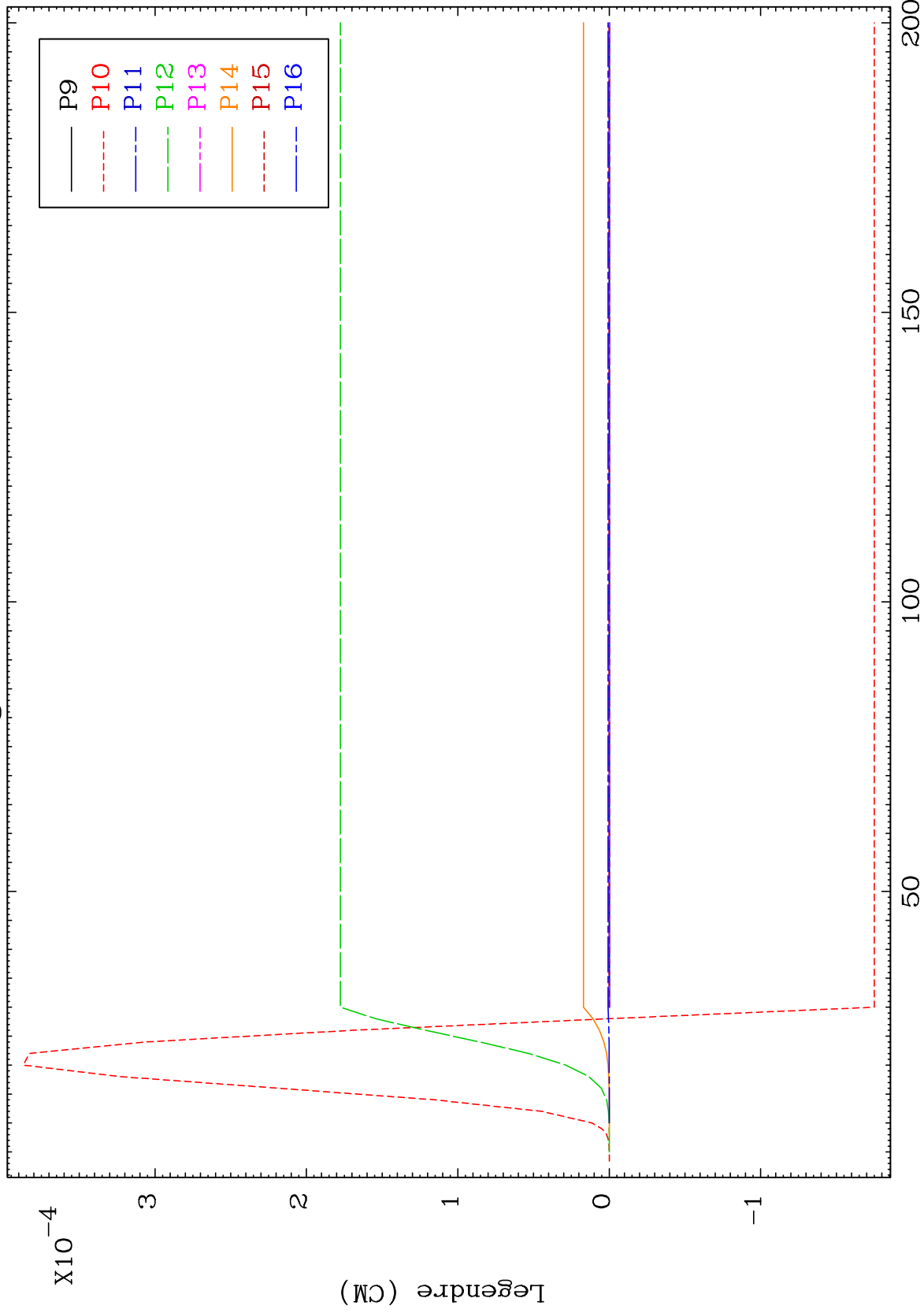
Incident Energy (MeV)

21-Sc-48

MAT 2134

MT= 74 (n,n') Level
Legendre Coefficients

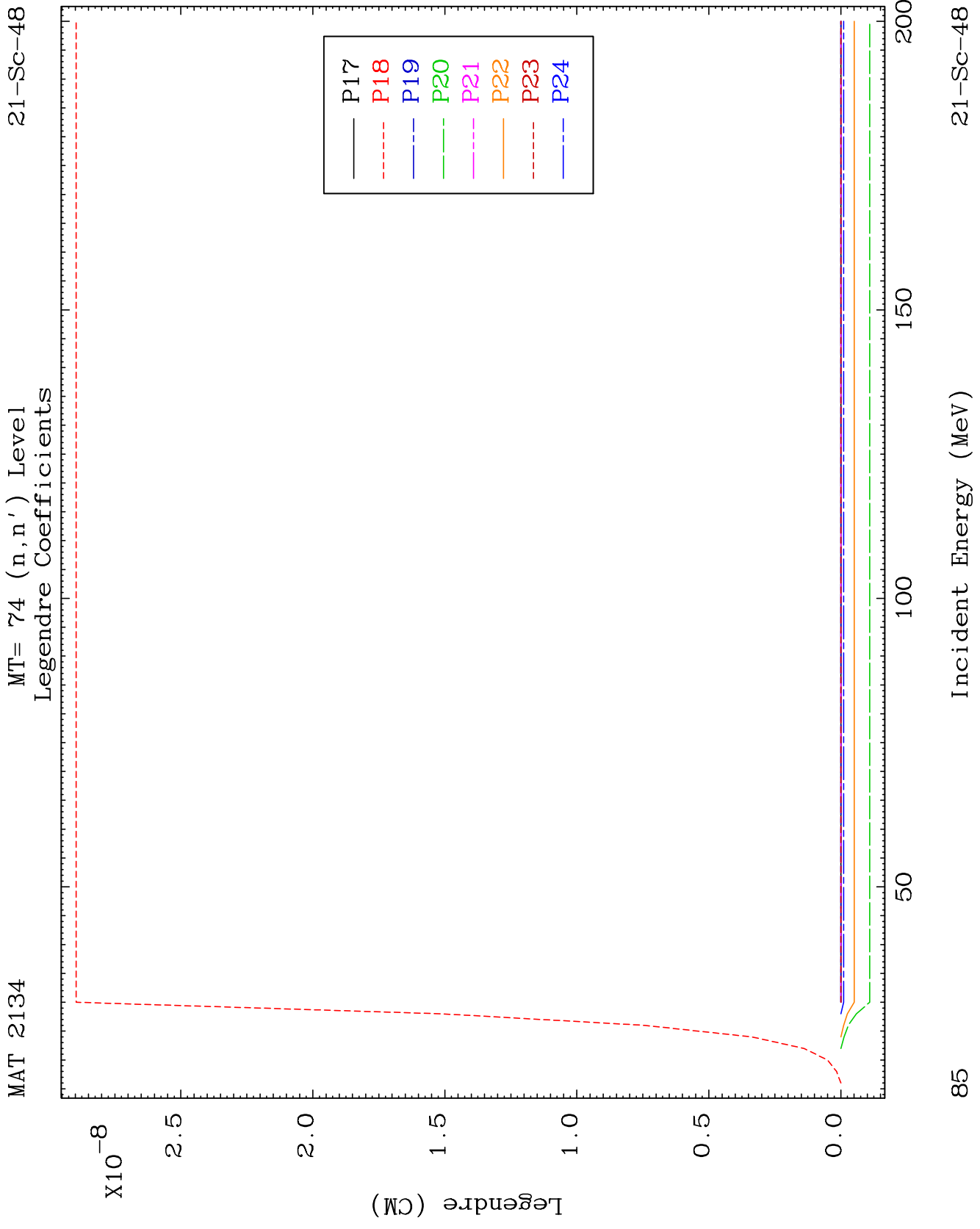
21-Sc-48



84

Incident Energy (MeV)

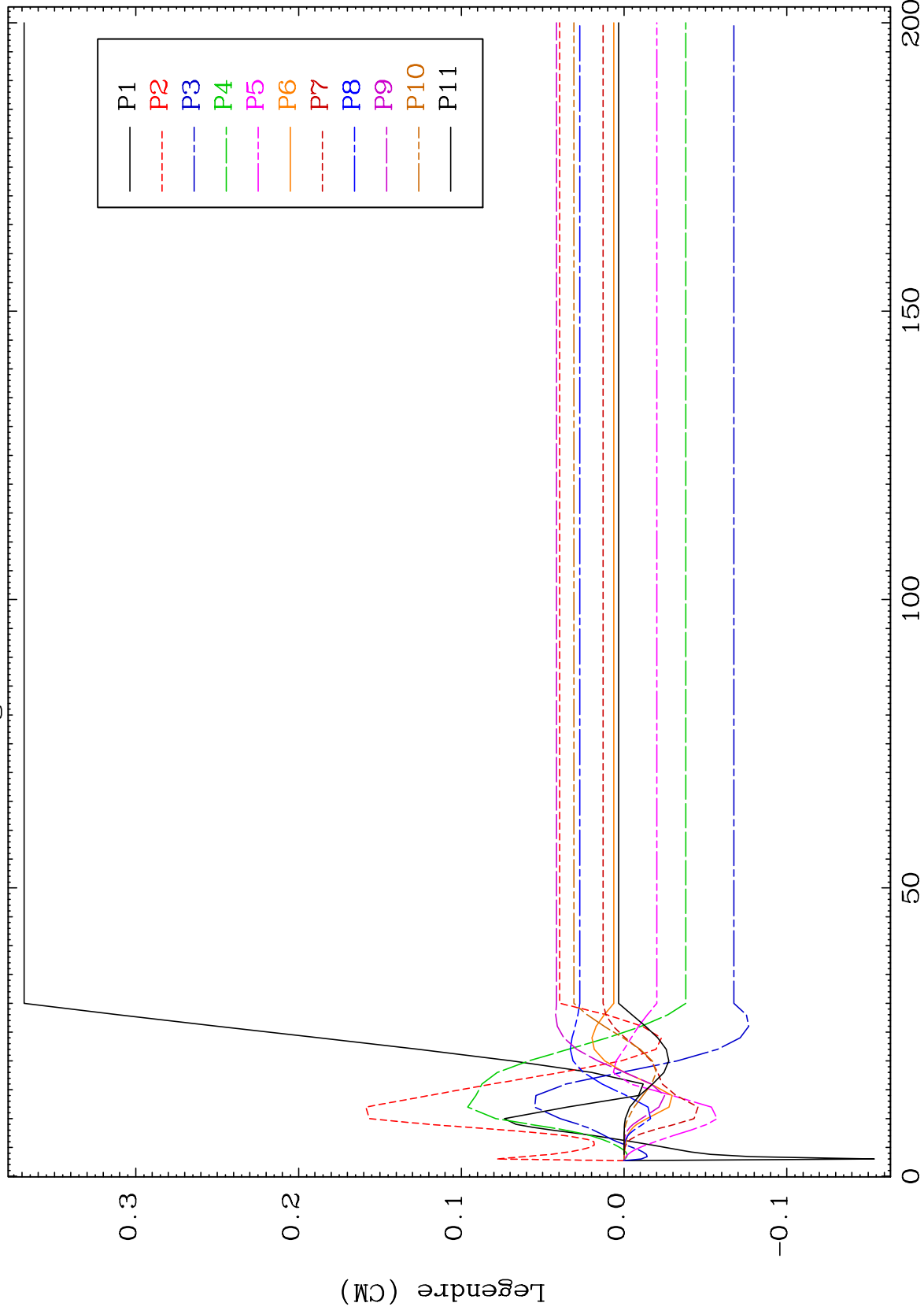
21-Sc-48



MAT 2134

MT= 75 (n,n') Level
Legendre Coefficients

21-Sc-48



86

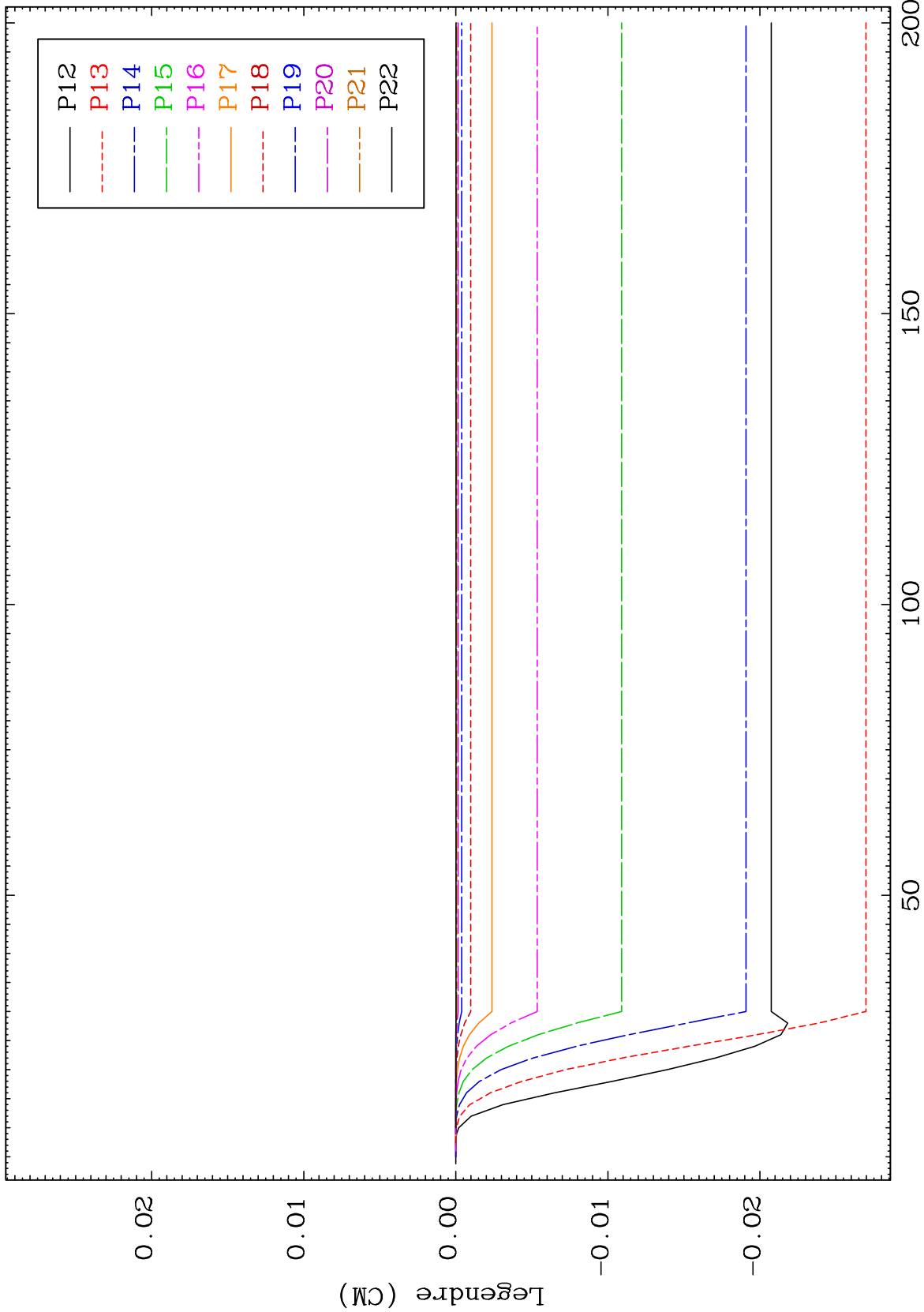
Incident Energy (MeV)

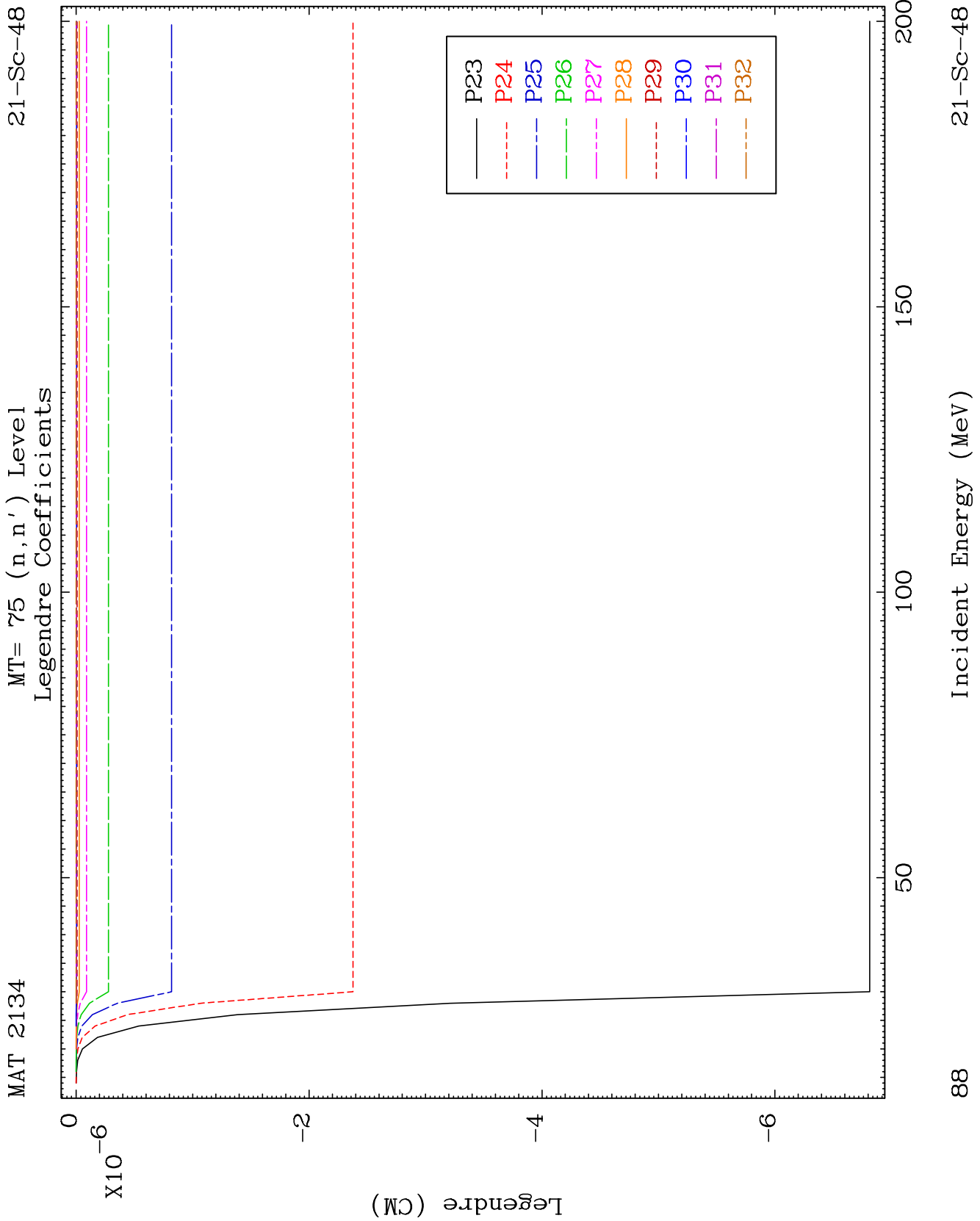
21-Sc-48

MAT 2134

MT= 75 (n,n') Level
Legendre Coefficients

21-Sc-48

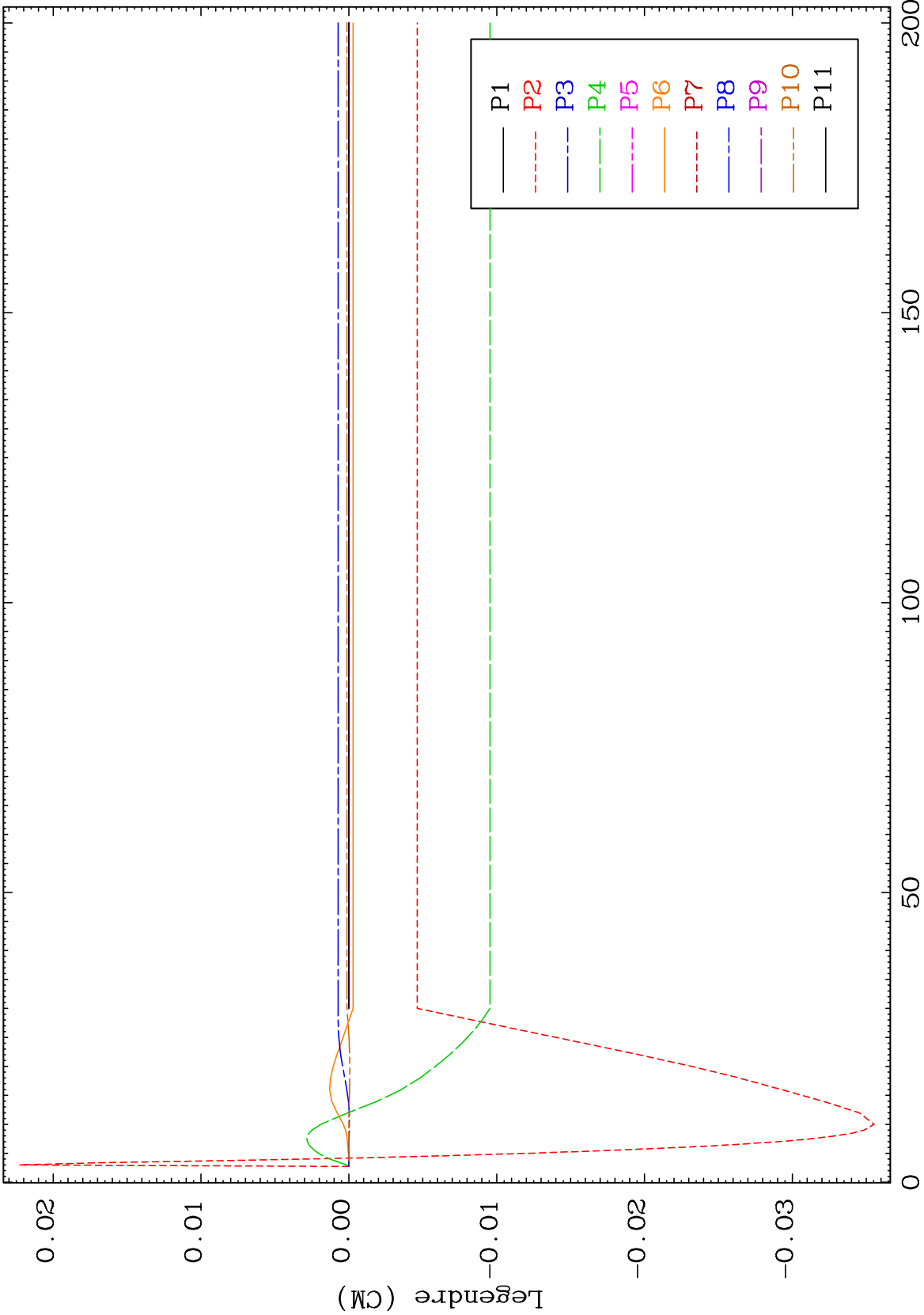




MAT 2134

MT= 76 (n,n') Level
Legendre Coefficients

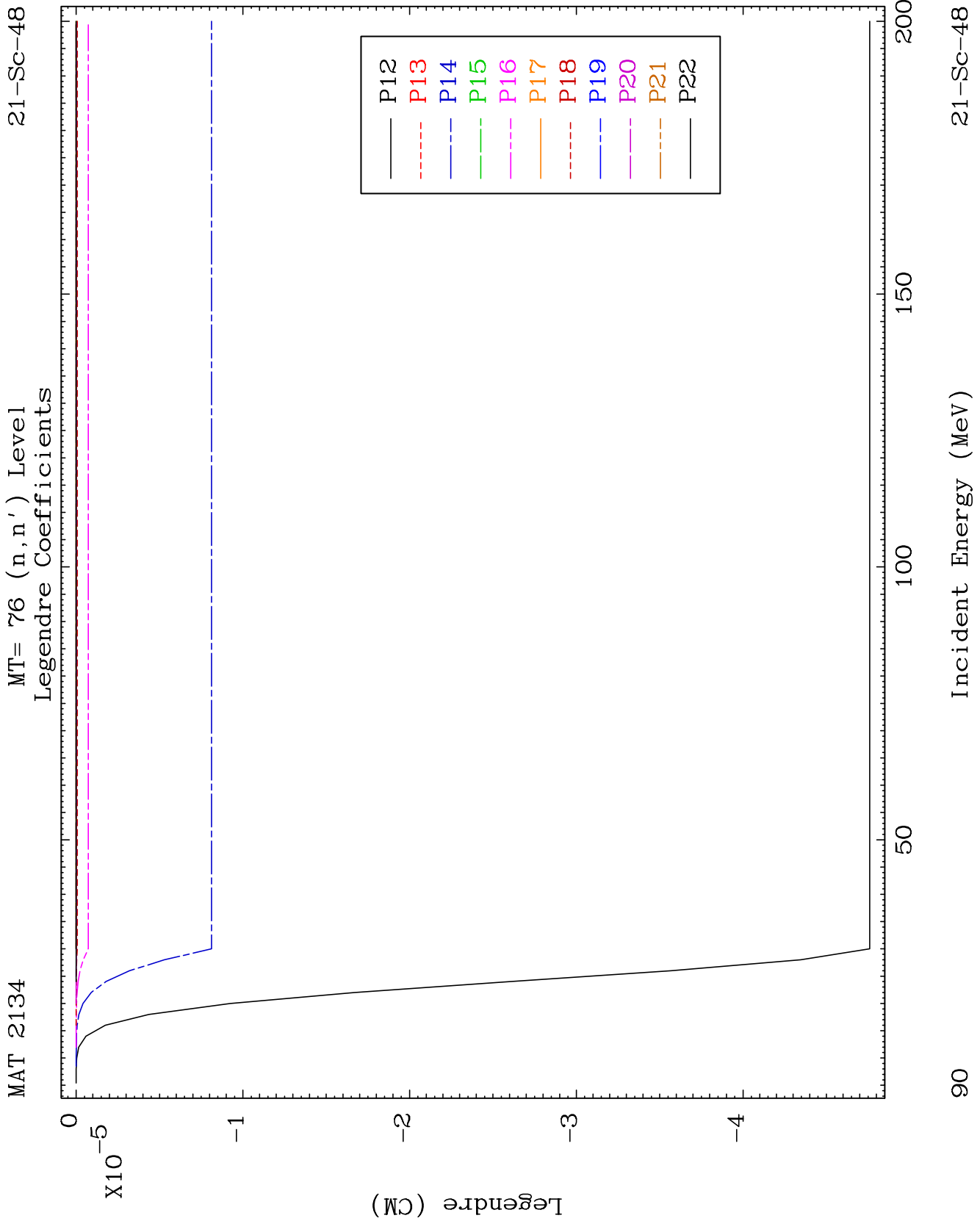
21-Sc-48



89

Incident Energy (MeV)

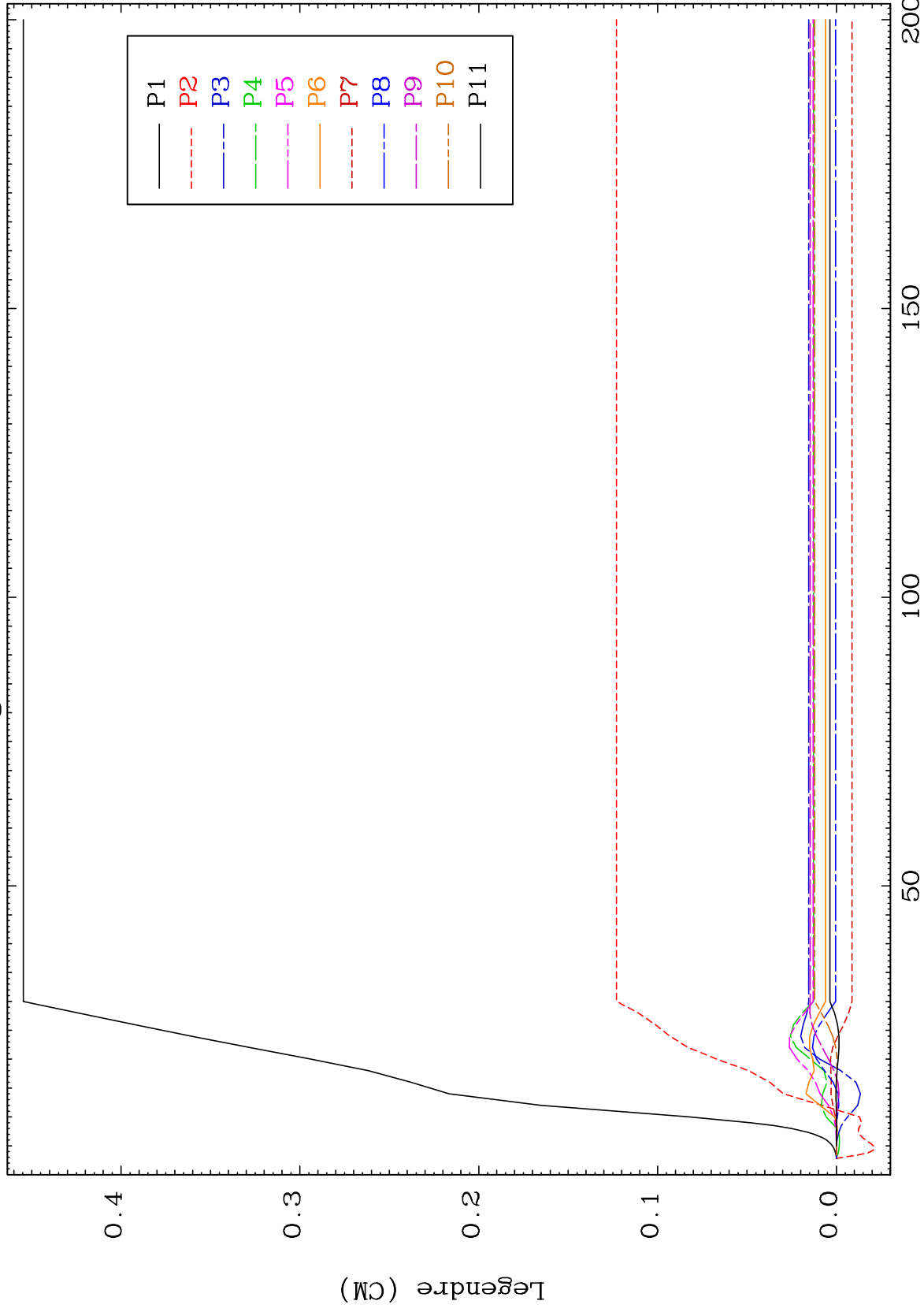
21-Sc-48



MAT 2134

MT= 77 (n,n') Level
Legendre Coefficients

21-Sc-48



91

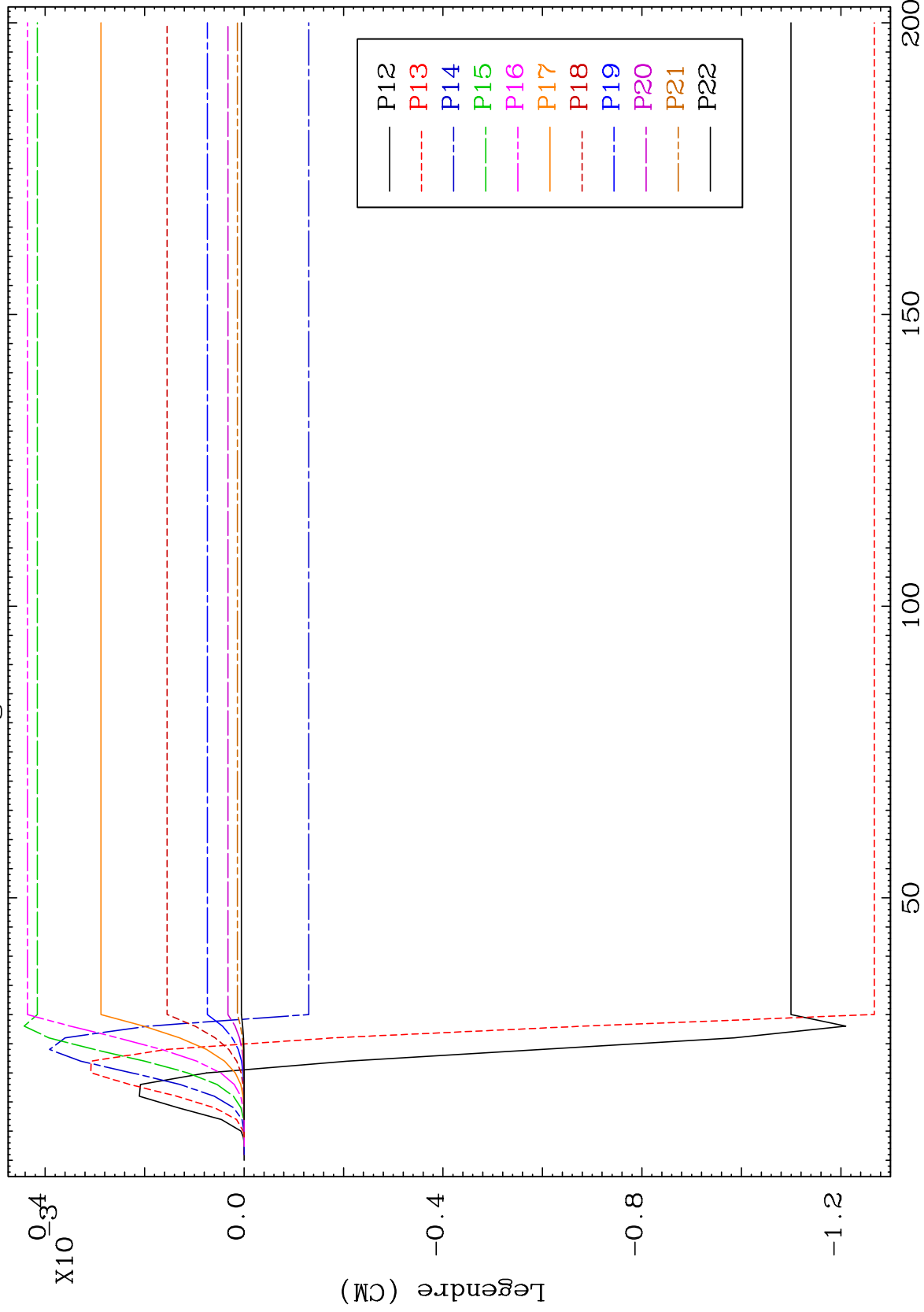
Incident Energy (MeV)

21-Sc-48

MAT 2134

MT= 77 (n,n') Level
Legendre Coefficients

21-Sc-48



92

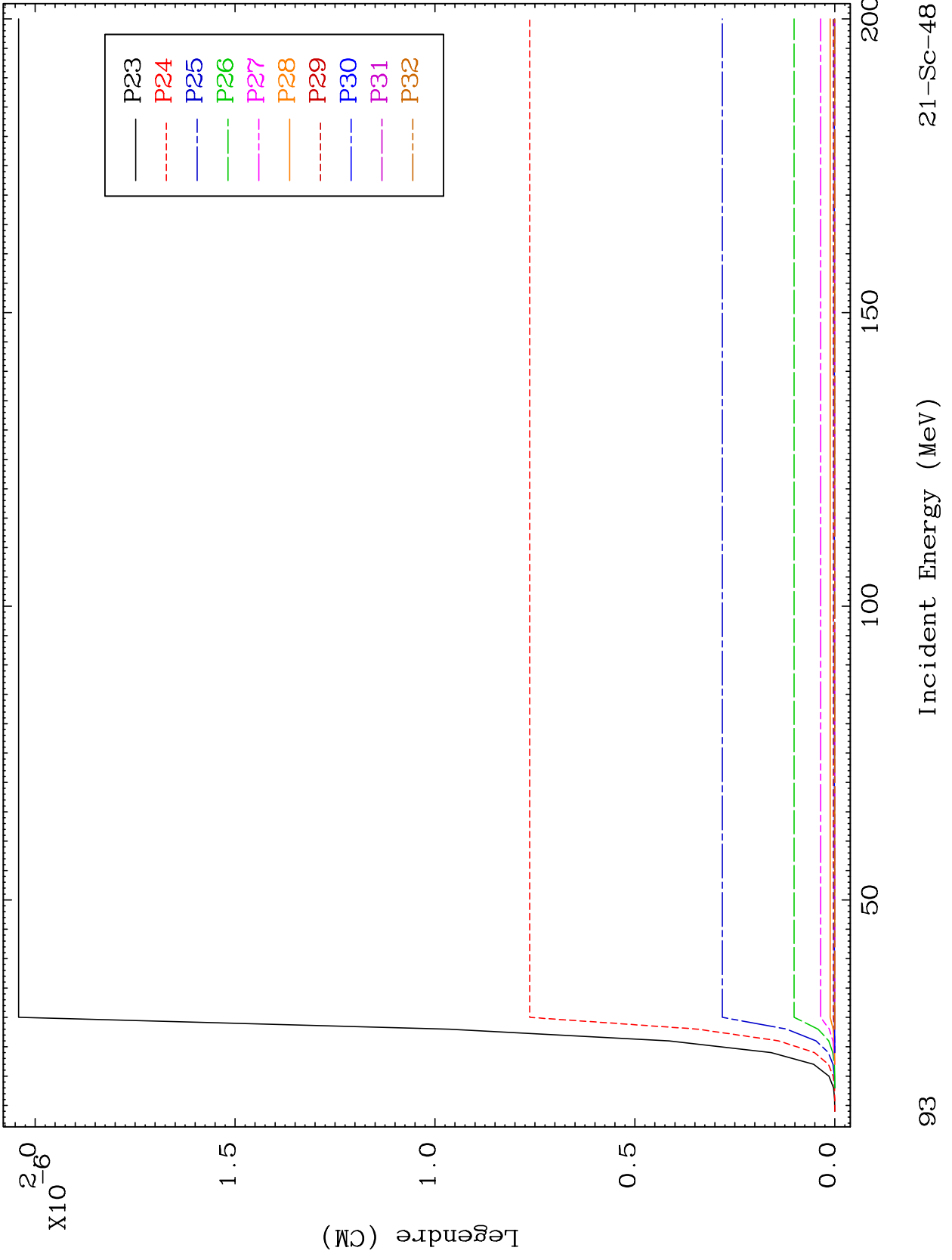
Incident Energy (MeV)

21-Sc-48

MAT 2134

MT= 77 (n,n') Level
Legendre Coefficients

21-Sc-48

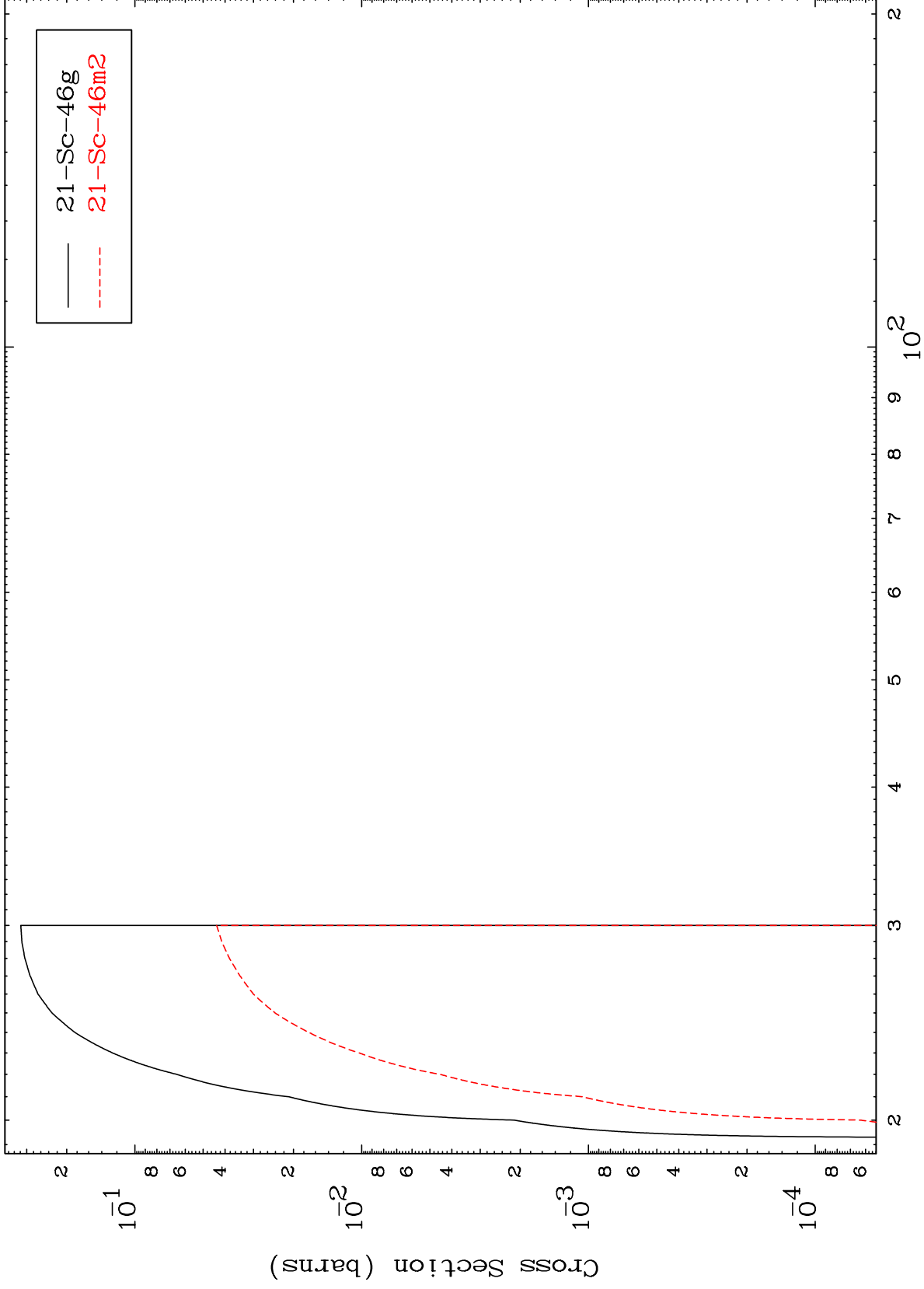


MAT 2134

21-Sc-48

(n,3n)

Radionuclide Production Cross Section



94

Incident Energy (MeV)

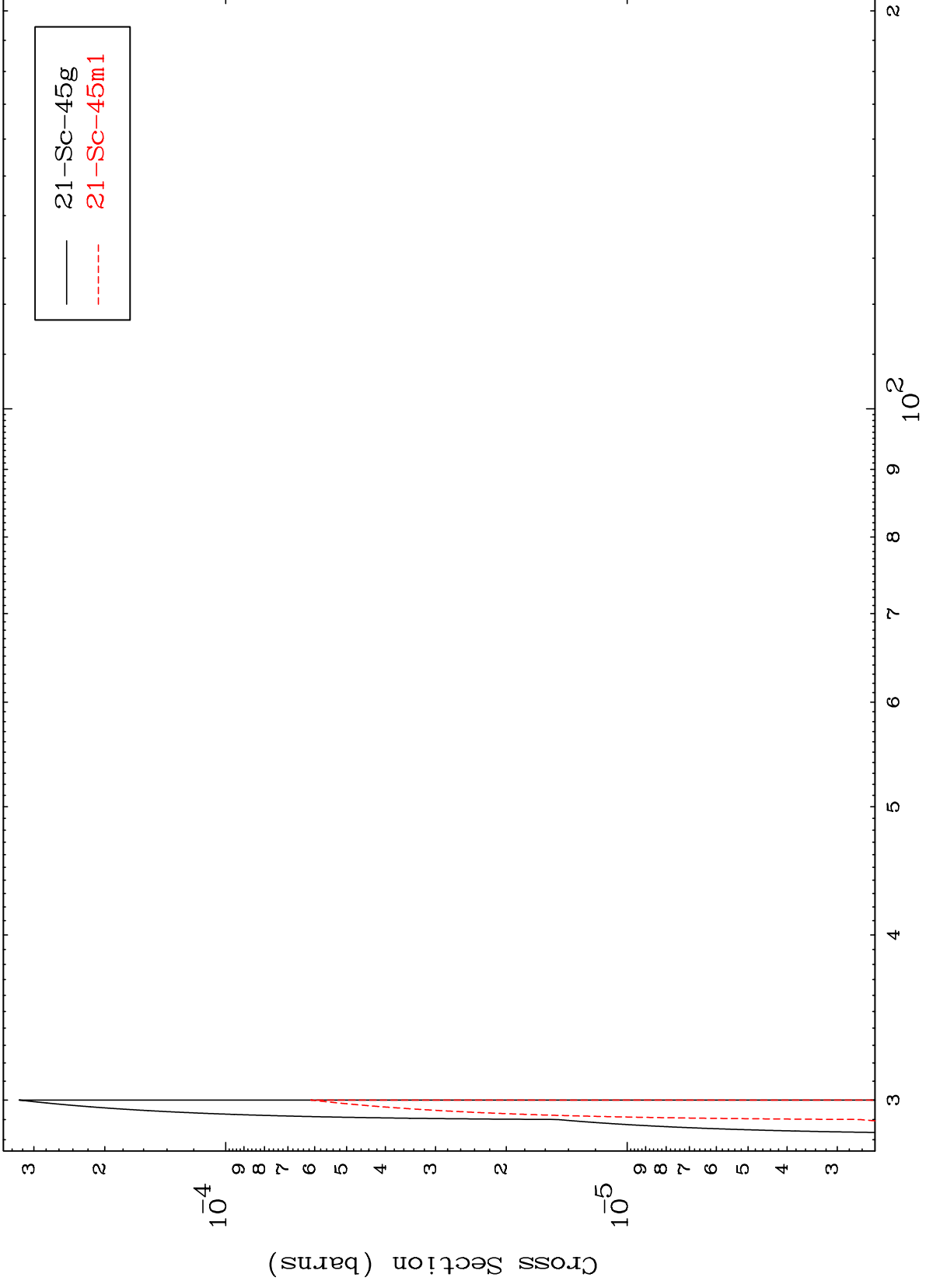
21-Sc-48

MAT 2134

21-Sc-48

(n,4n)

Radionuclide Production Cross Section



95

21-Sc-48

Incident Energy (MeV)