

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

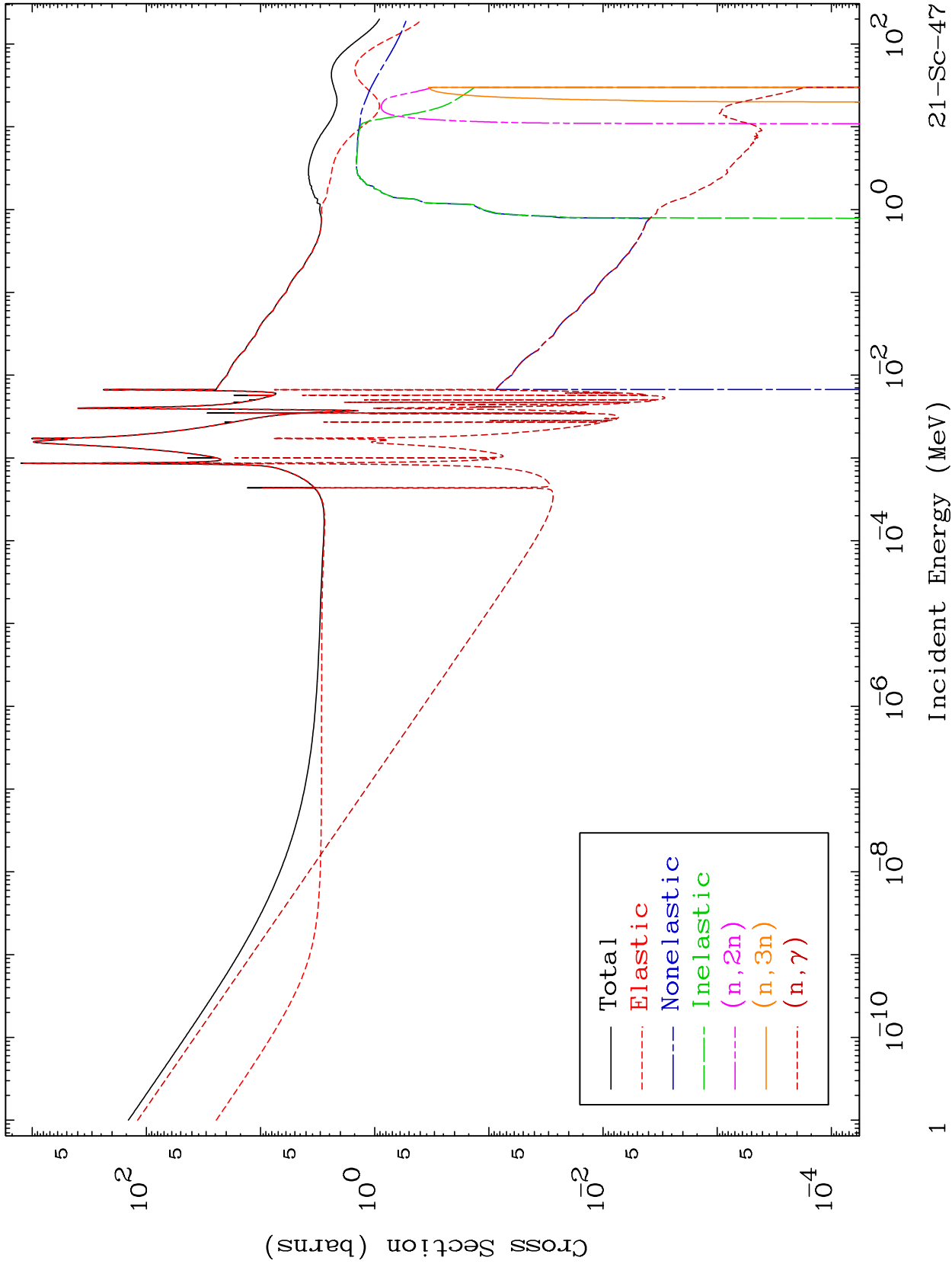
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2131

Neutron Major
293 Kelvin Cross Sections

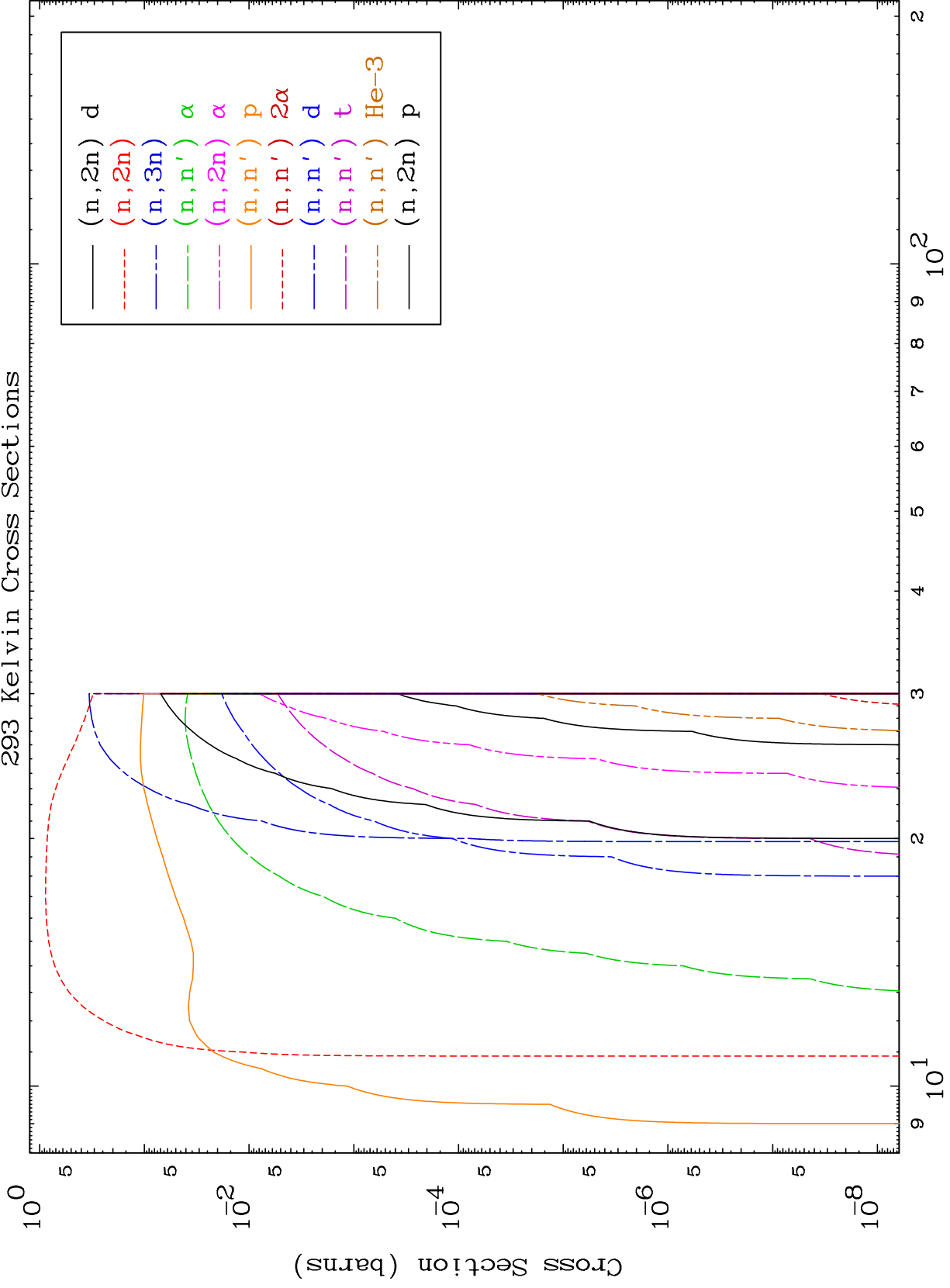
21-Sc-47



MAT 2131

Neutron Absorption
293 Kelvin Cross Sections

21-Sc-47



2

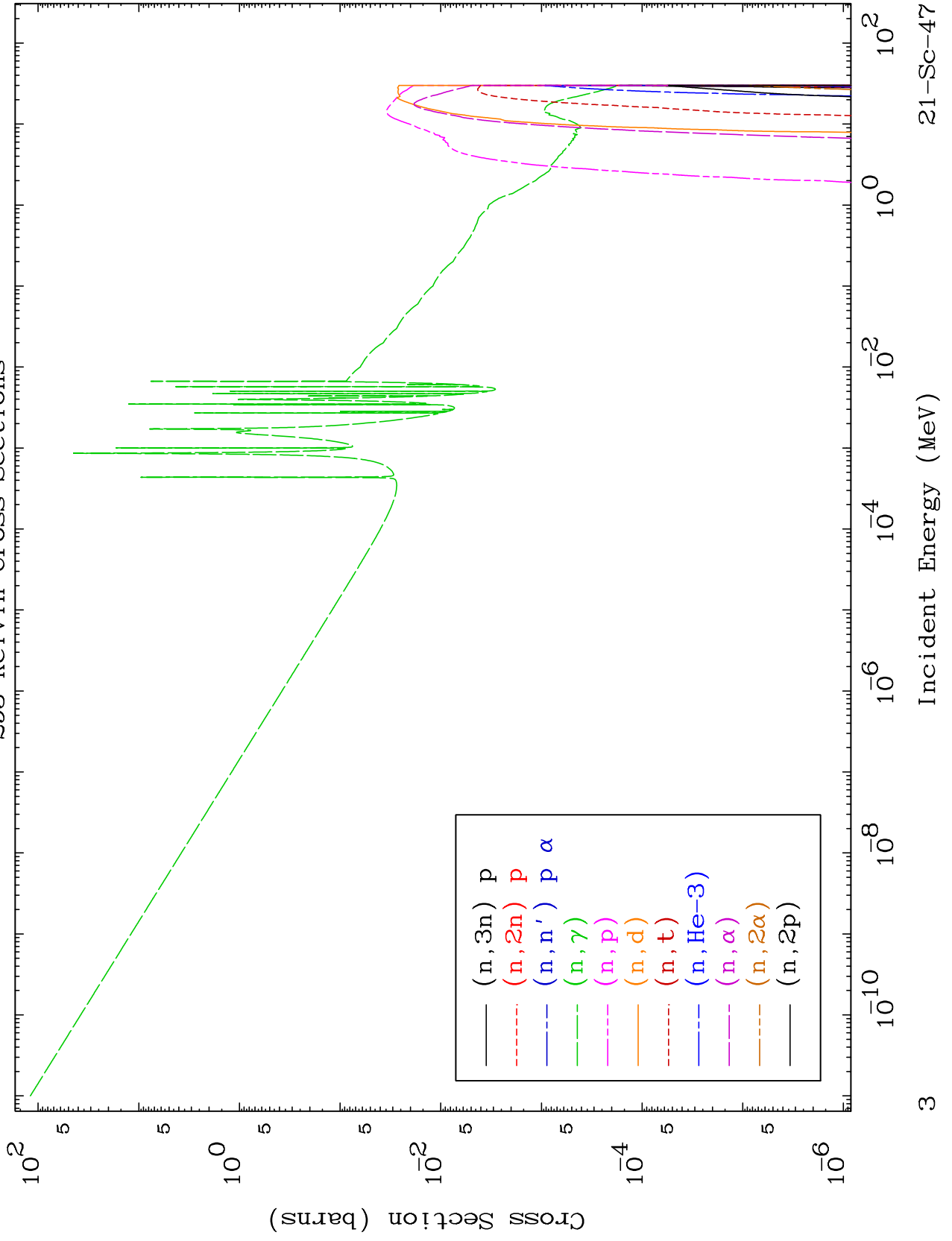
Incident Energy (MeV)

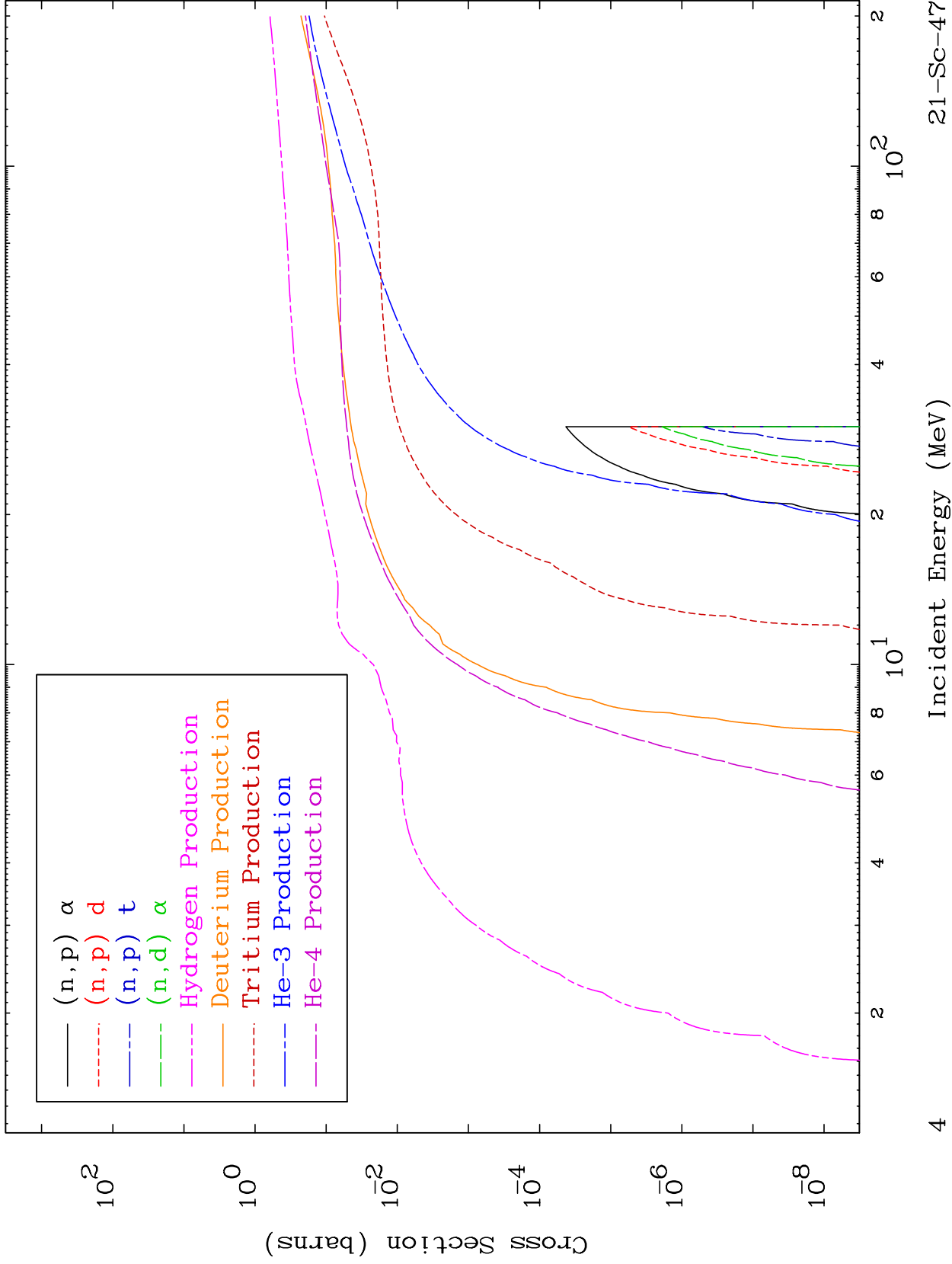
21-Sc-47

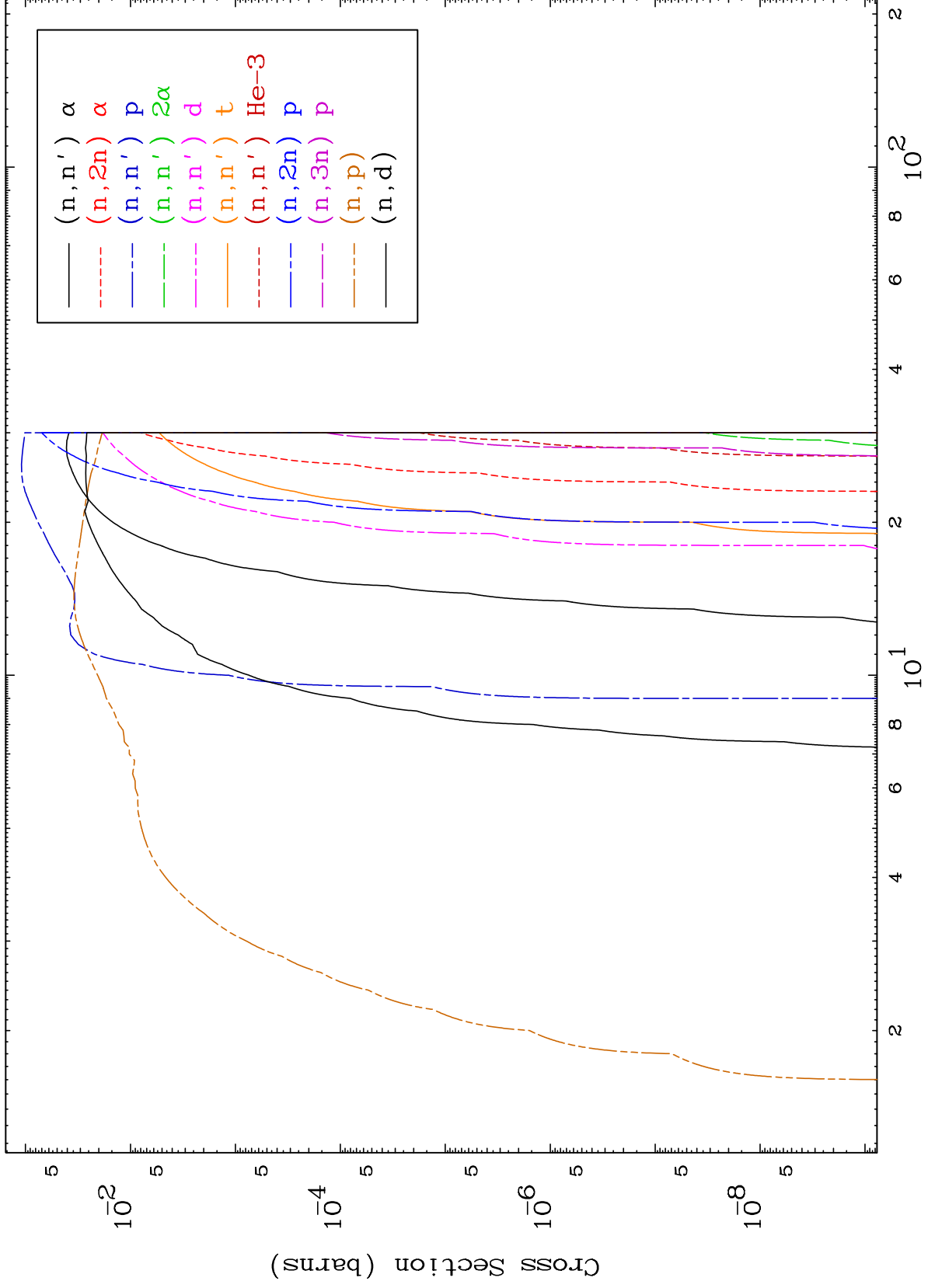
MAT 2131

Neutron Absorption
293 Kelvin Cross Sections

21-Sc-47



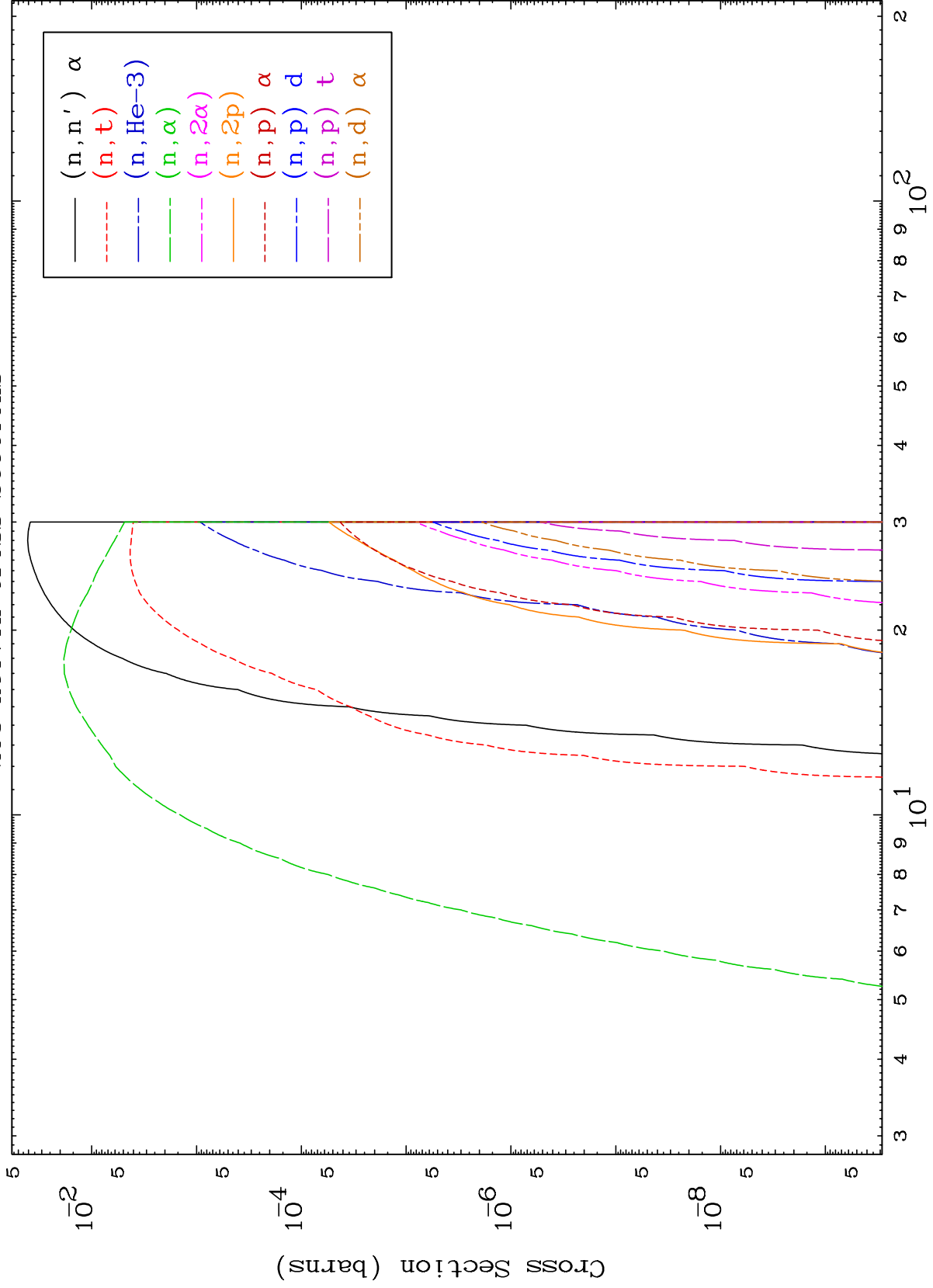




MAT 2131

Charged Particle
293 Kelvin Cross Sections

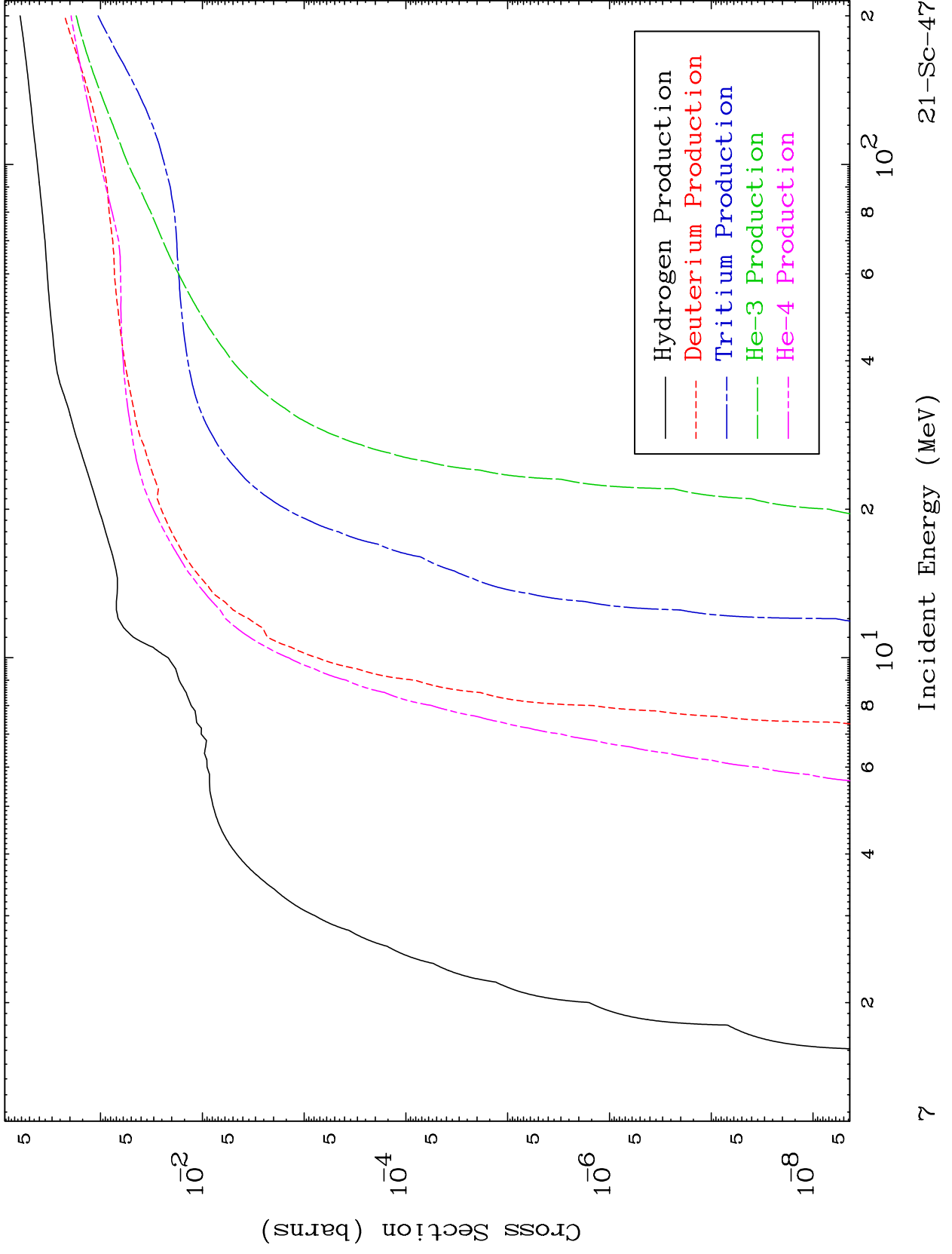
21-Sc-47



6

Incident Energy (MeV)

21-Sc-47

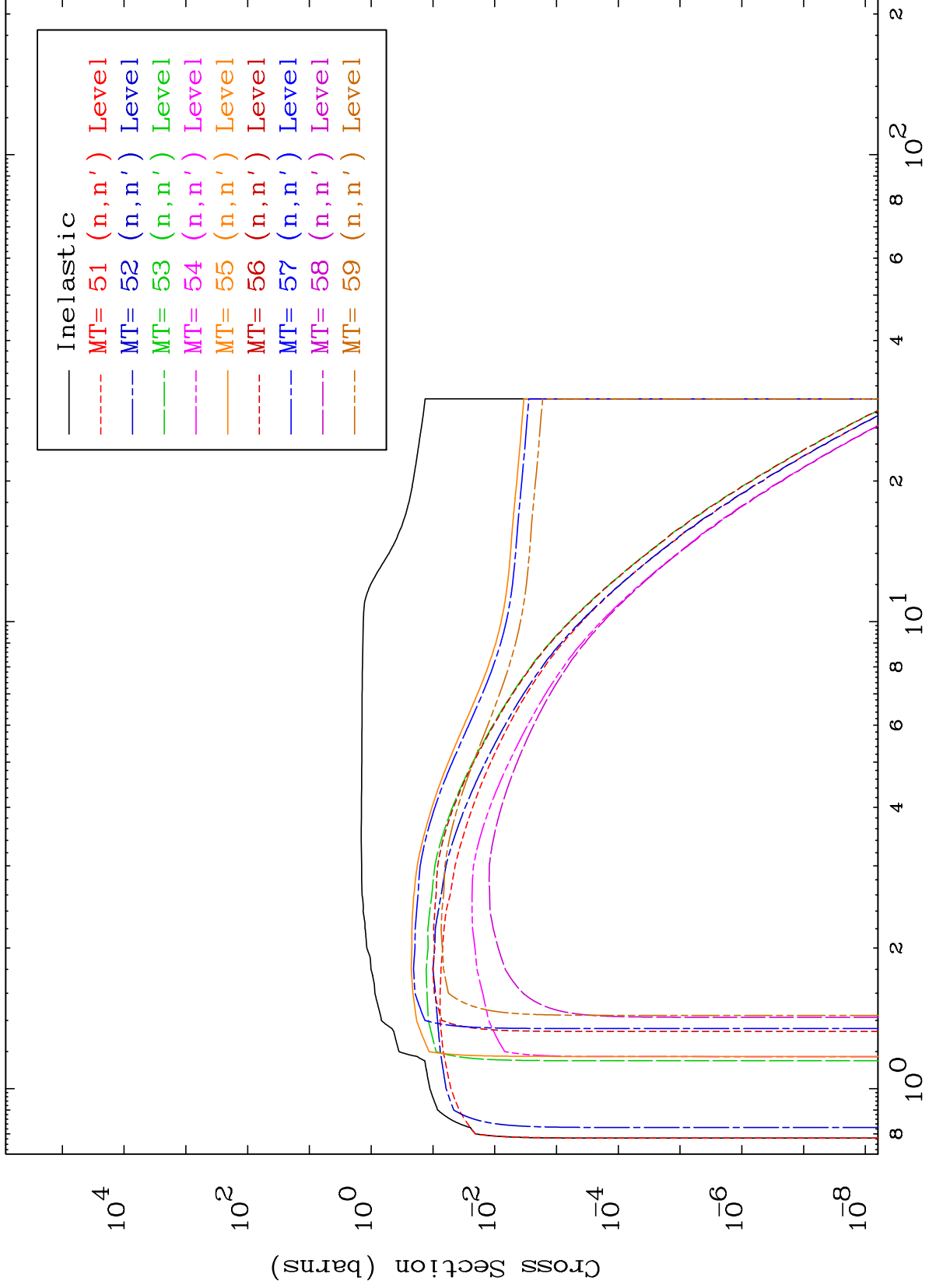


MAT 2131

(n,n') Levels

21-Sc-47

293 Kelvin Cross Sections



8

Incident Energy (MeV)

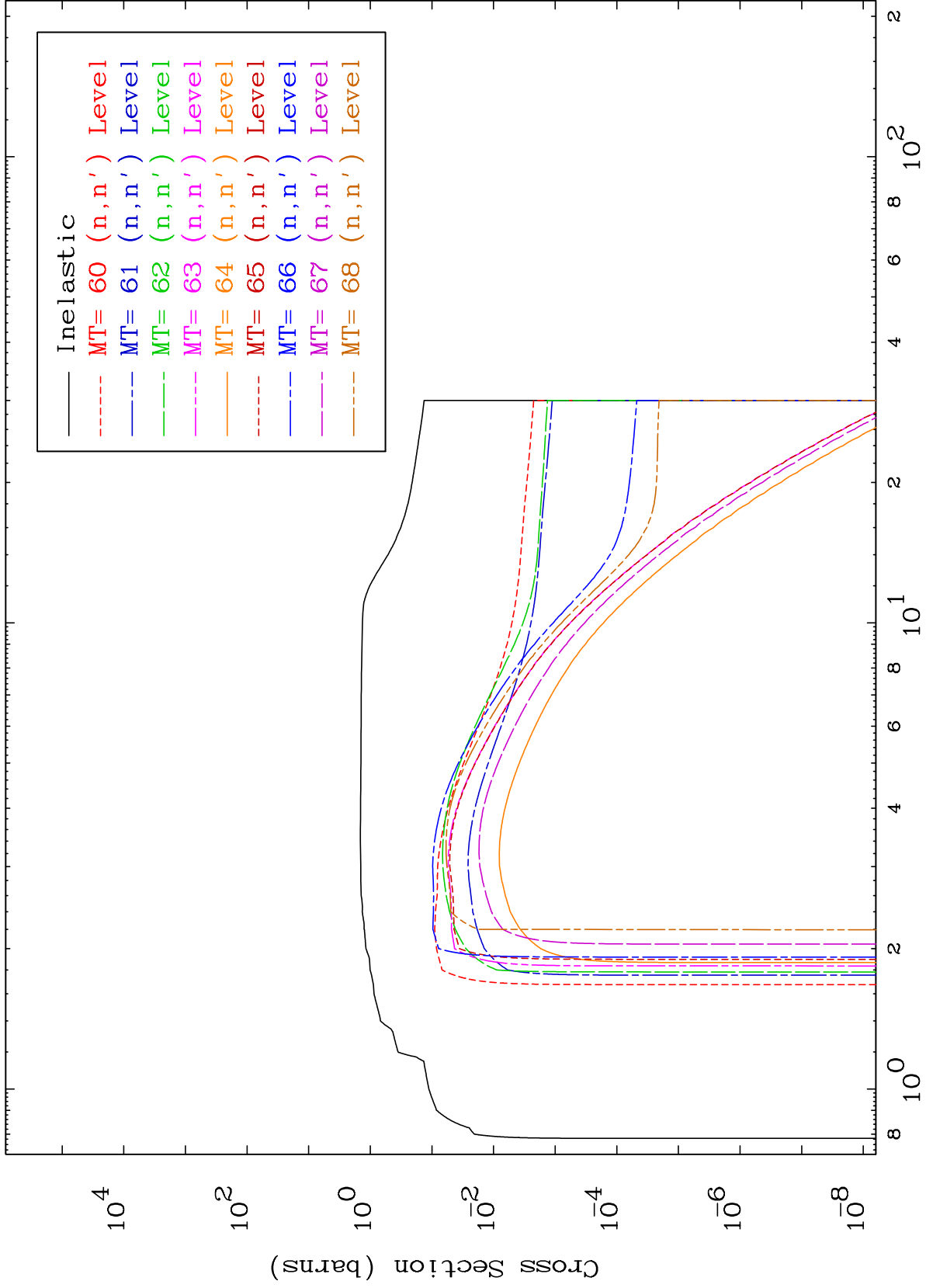
21-Sc-47

MAT 2131

(n,n') Levels

293 Kelvin Cross Sections

21-Sc-47



9

Incident Energy (MeV)

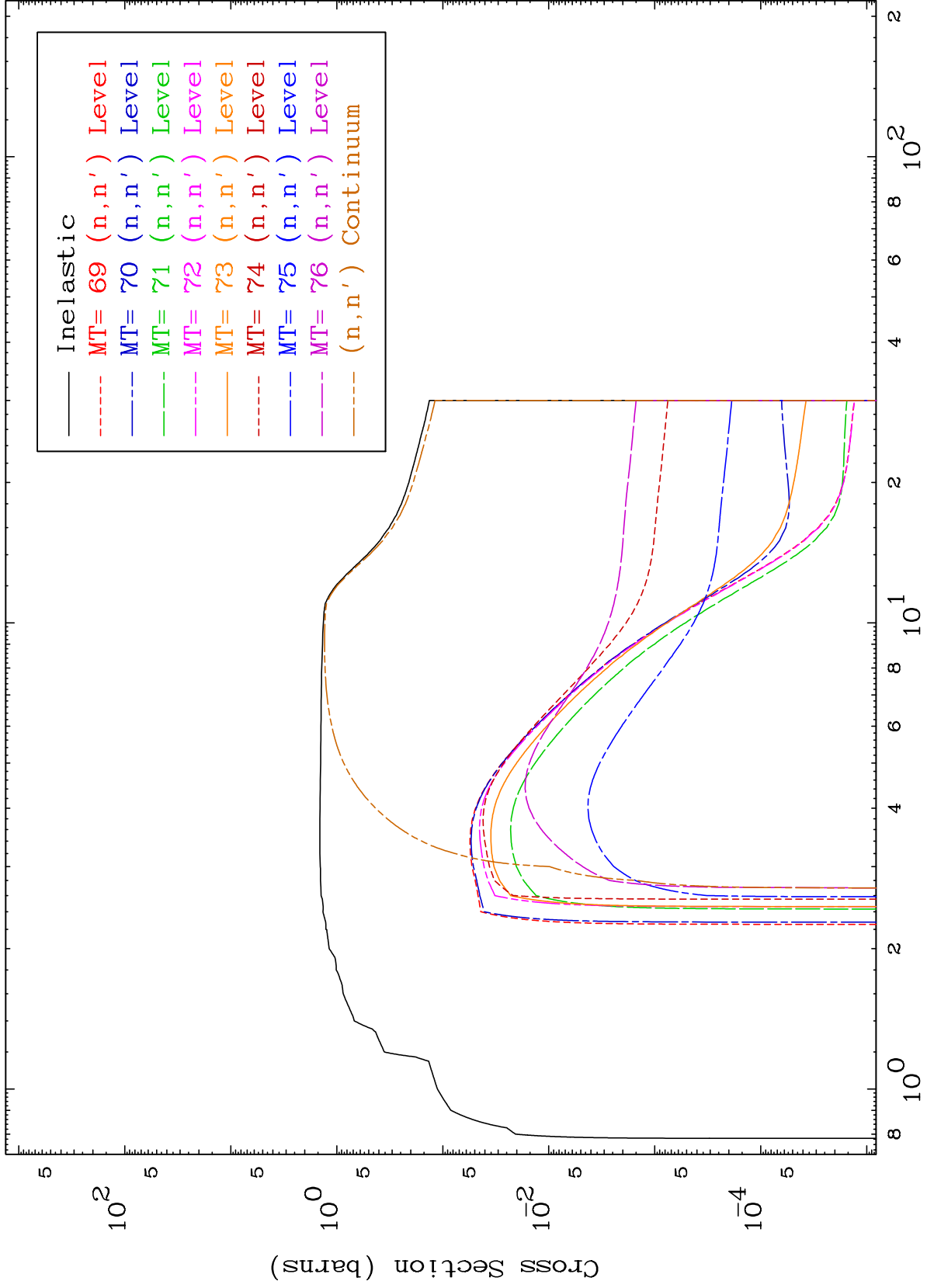
21-Sc-47

MAT 2131

(n,n') Levels

21-Sc-47

293 Kelvin Cross Sections



21-Sc-47

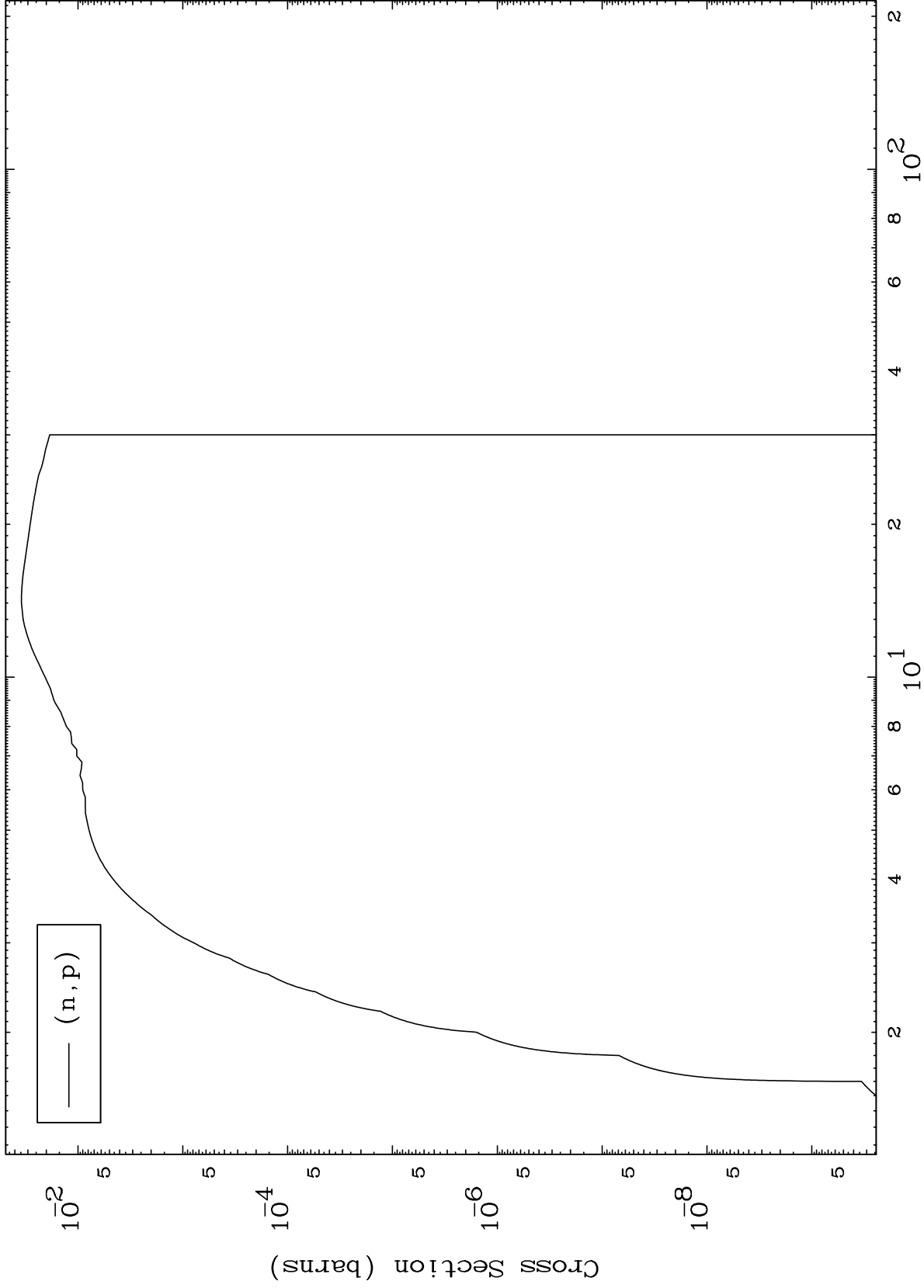
Incident Energy (MeV)

10

MAT 2131

(n,p) Levels
293 Kelvin Cross Sections

21-Sc-47



11

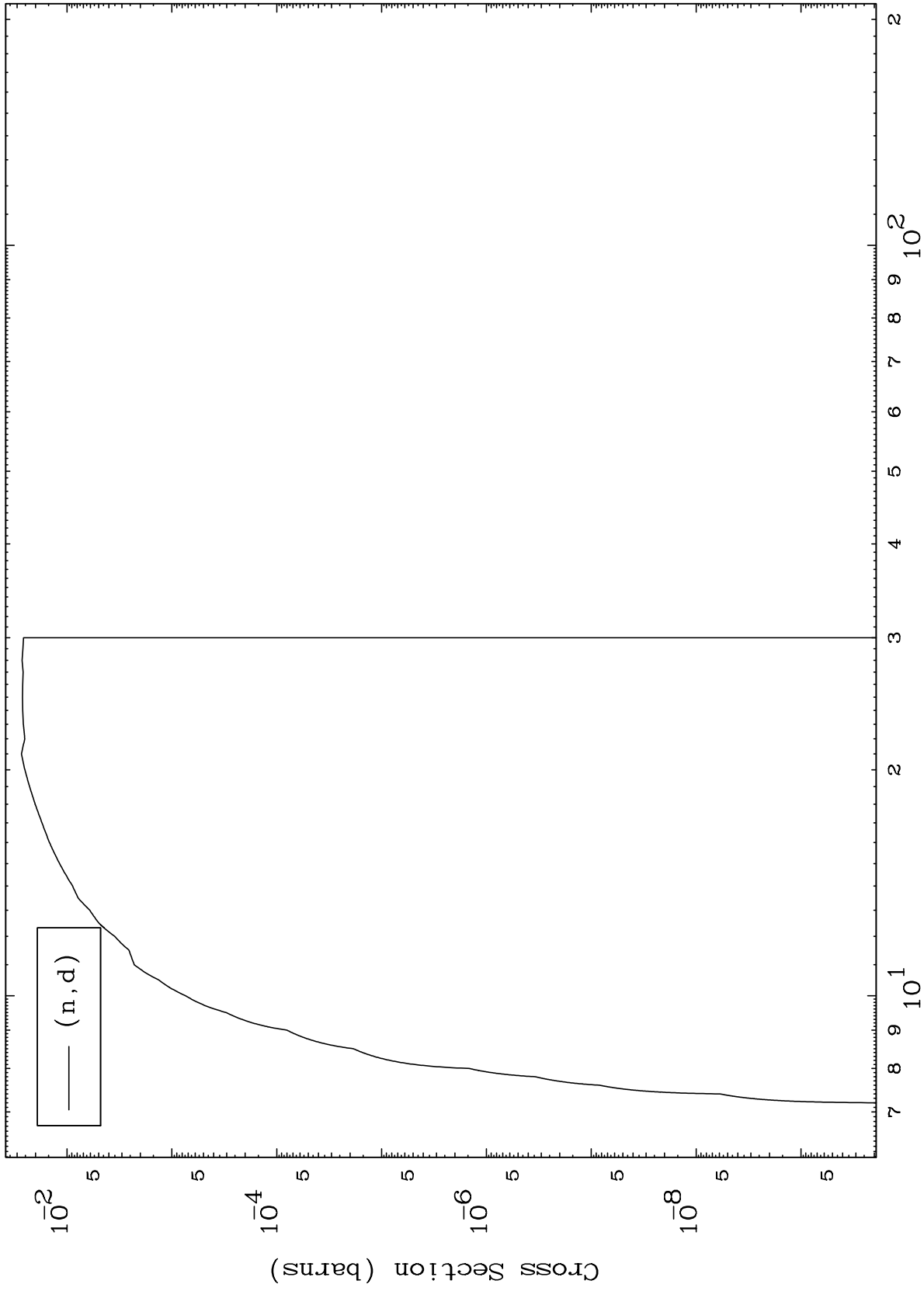
Incident Energy (MeV)

21-Sc-47

MAT 2131

(n,d) Levels
293 Kelvin Cross Sections

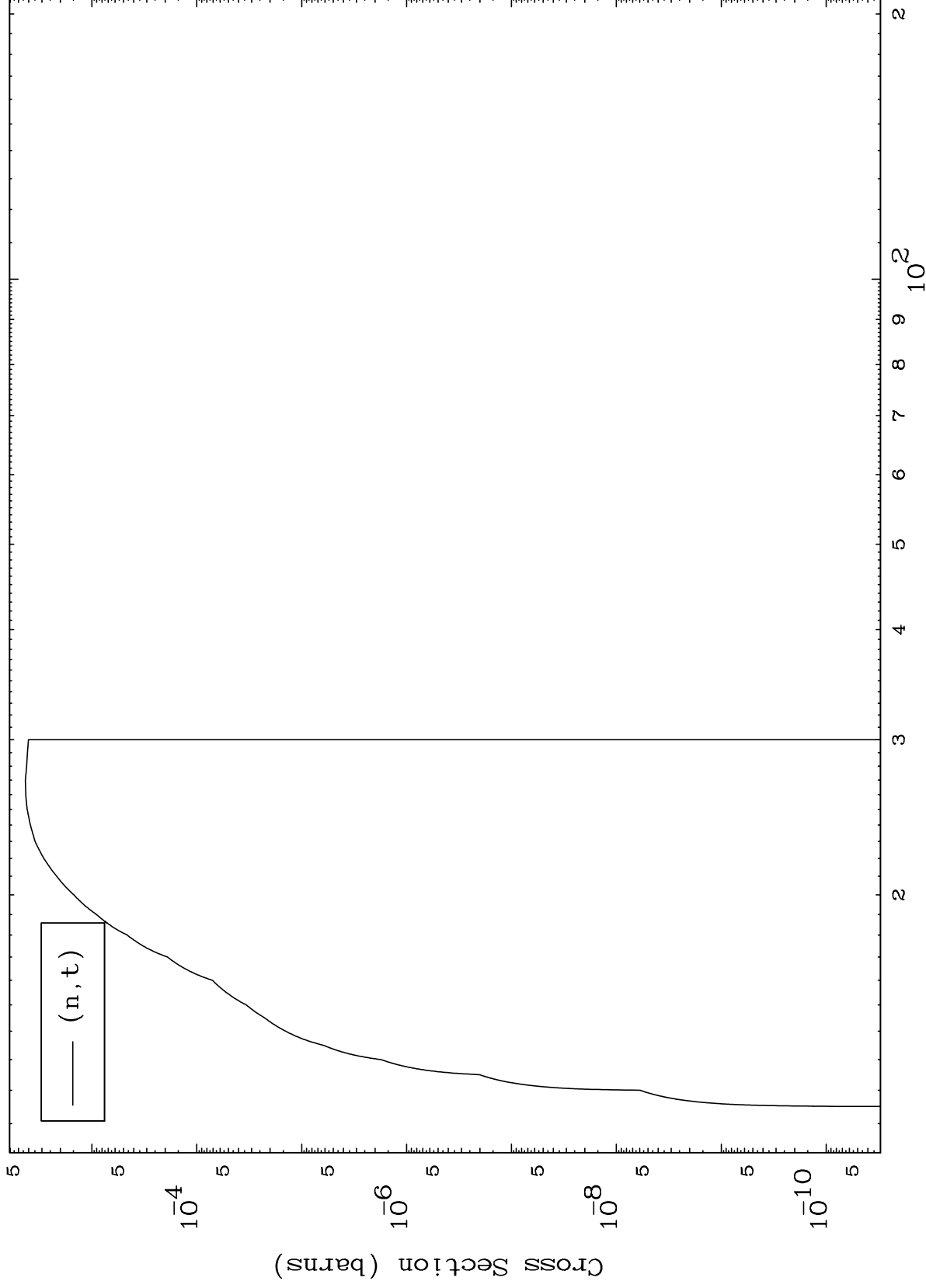
21-Sc-47



12

Incident Energy (MeV)

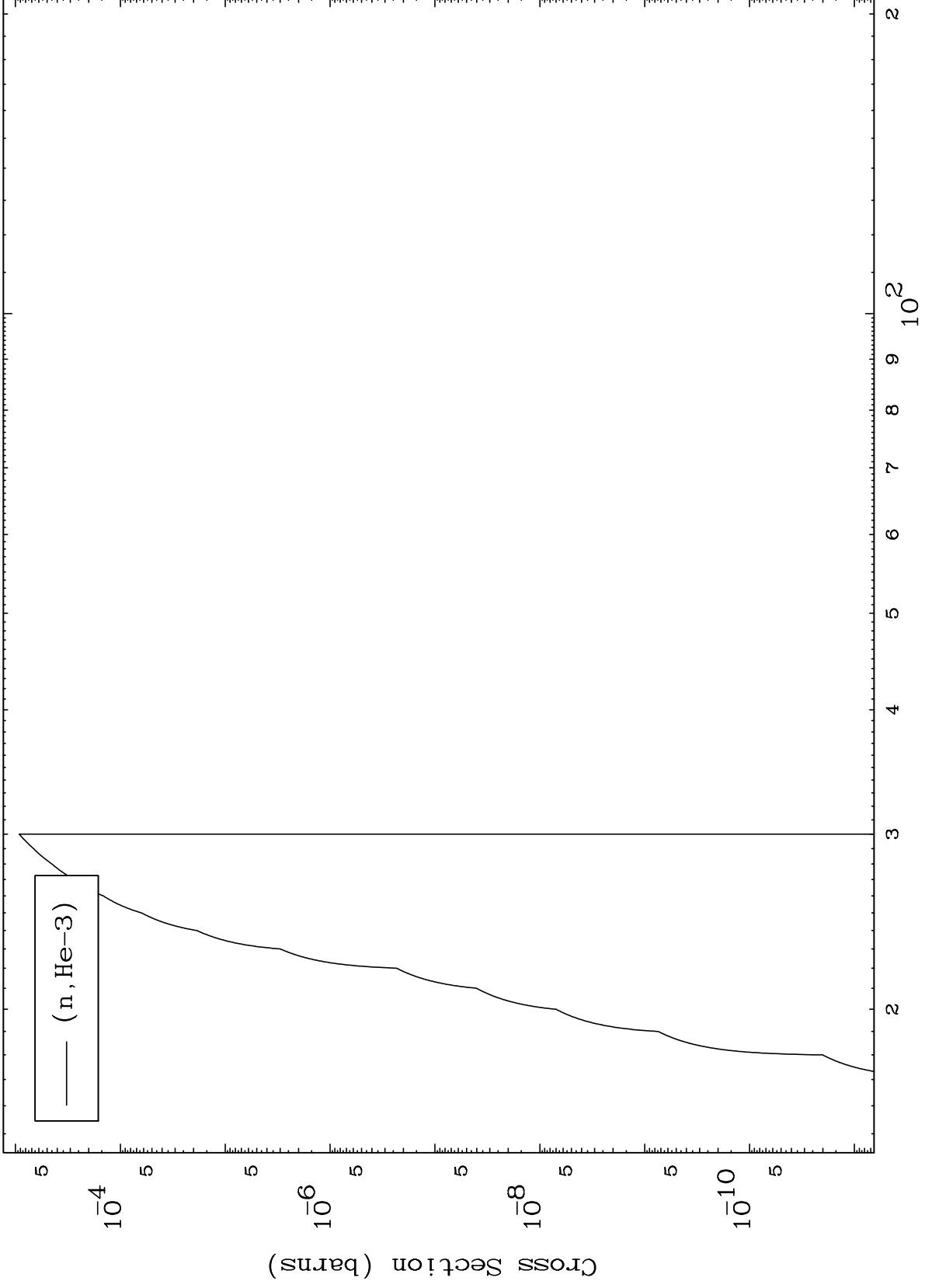
21-Sc-47



MAT 2131

(n,He3) Levels
293 Kelvin Cross Sections

21-Sc-47



14

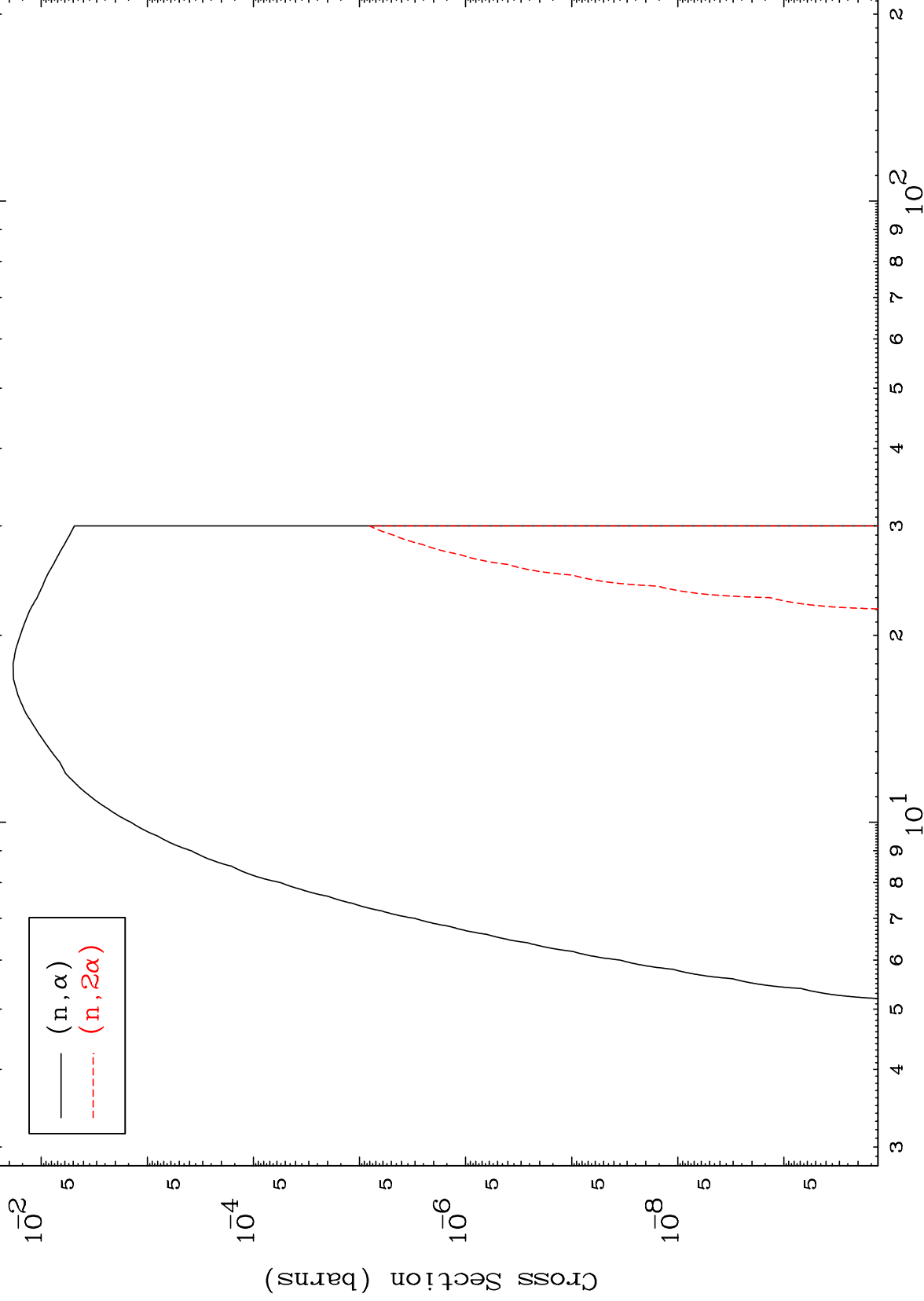
Incident Energy (MeV)

21-Sc-47

MAT 2131

(n, α) Levels
293 Kelvin Cross Sections

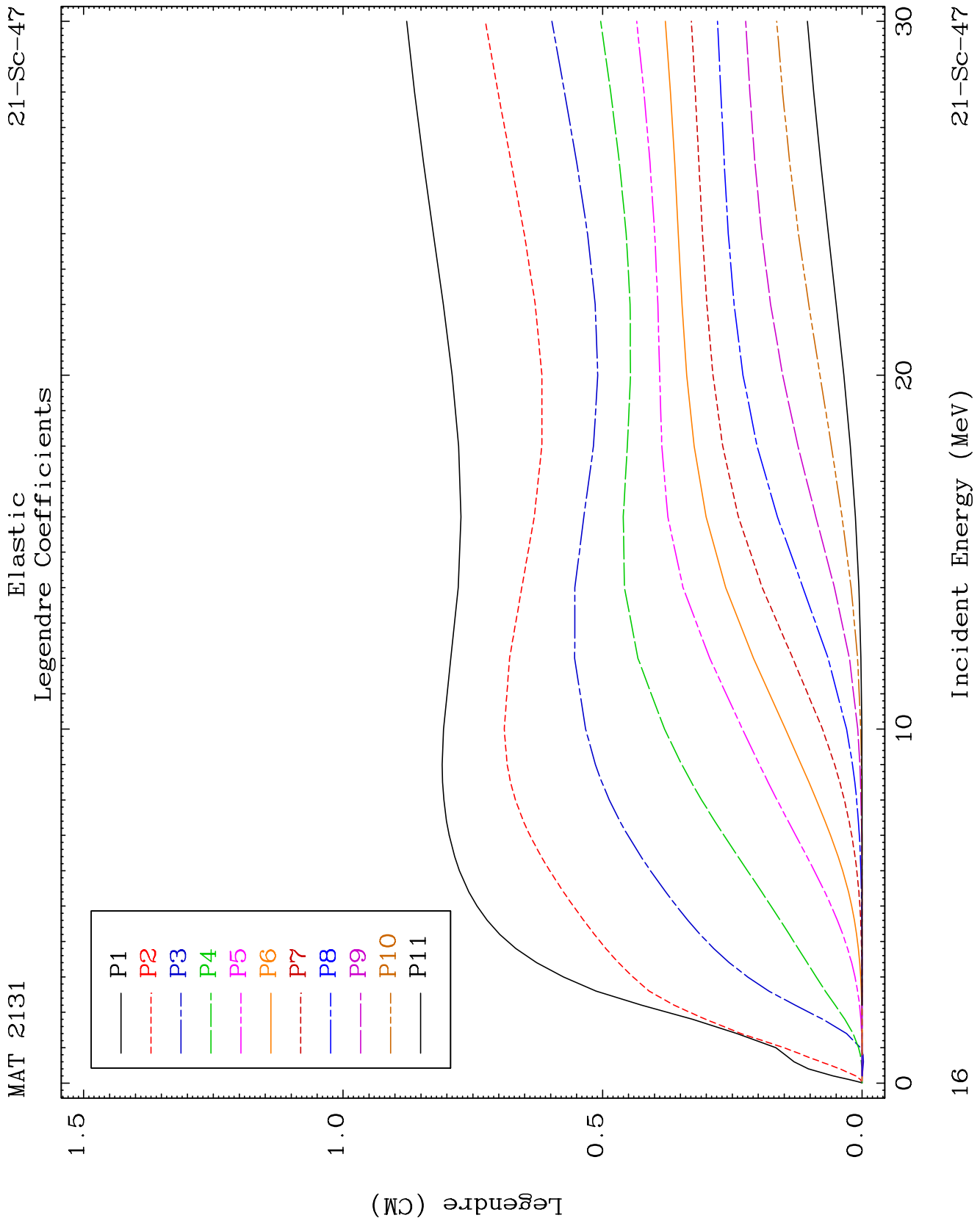
21-Sc-47

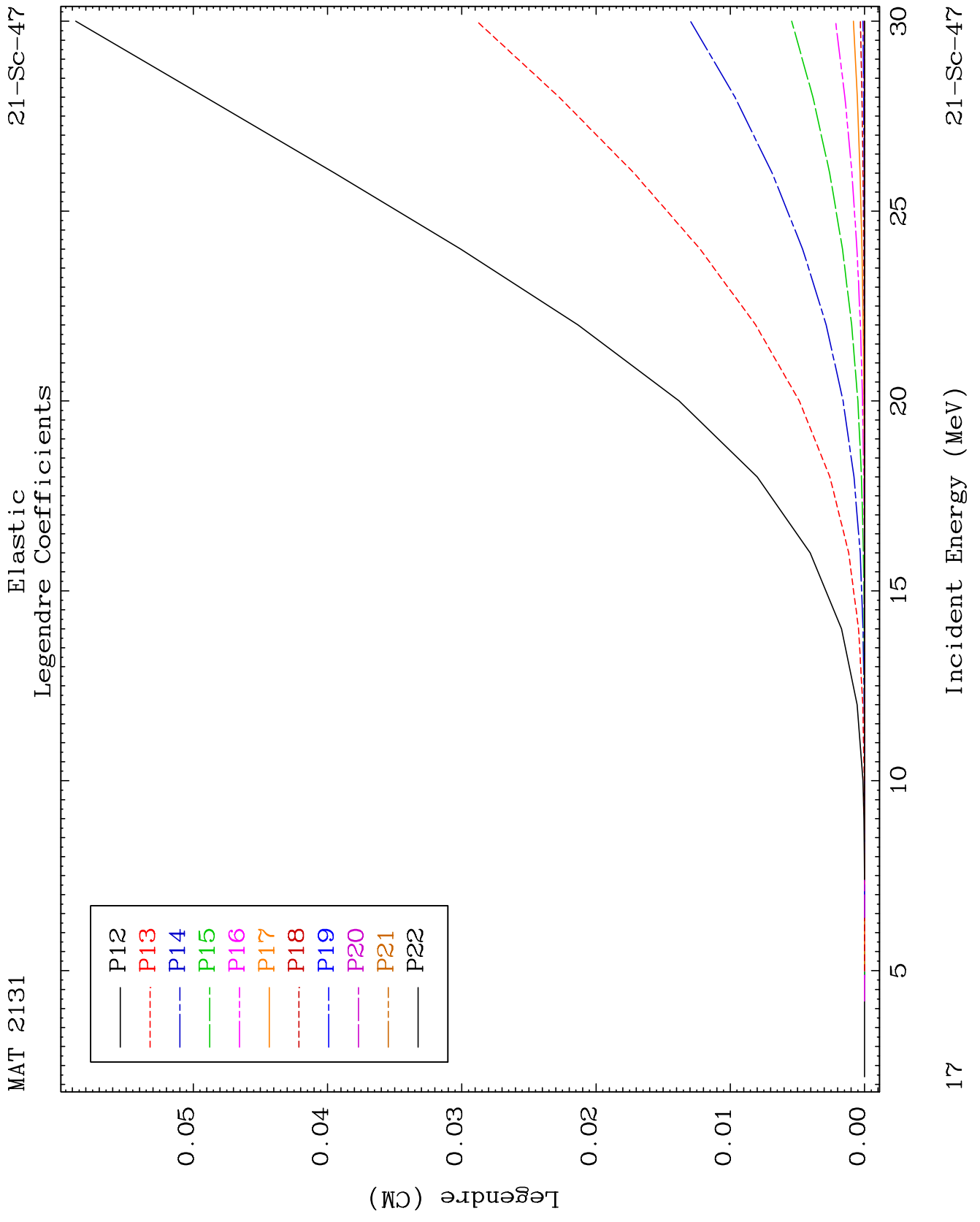


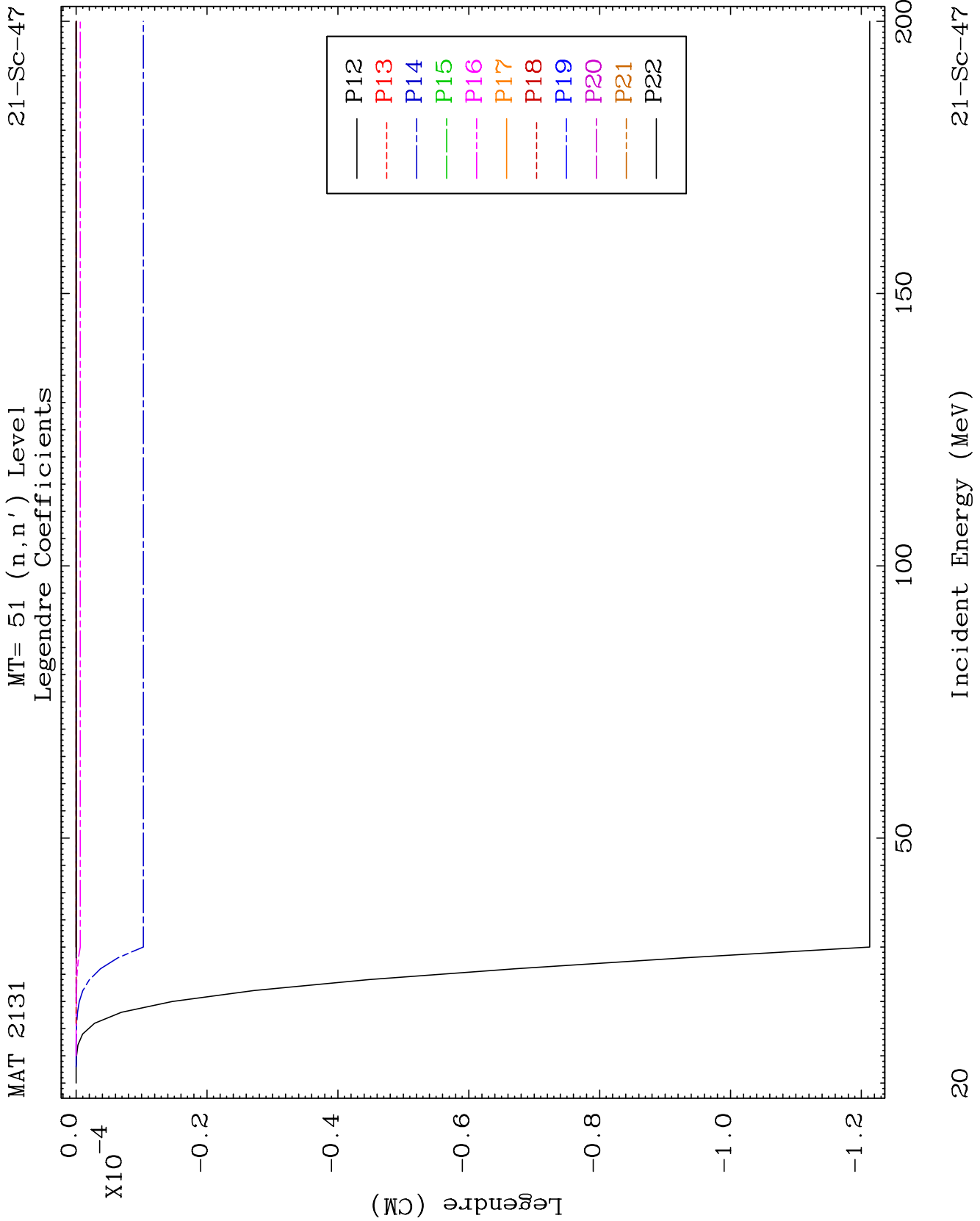
15

Incident Energy (MeV)

21-Sc-47



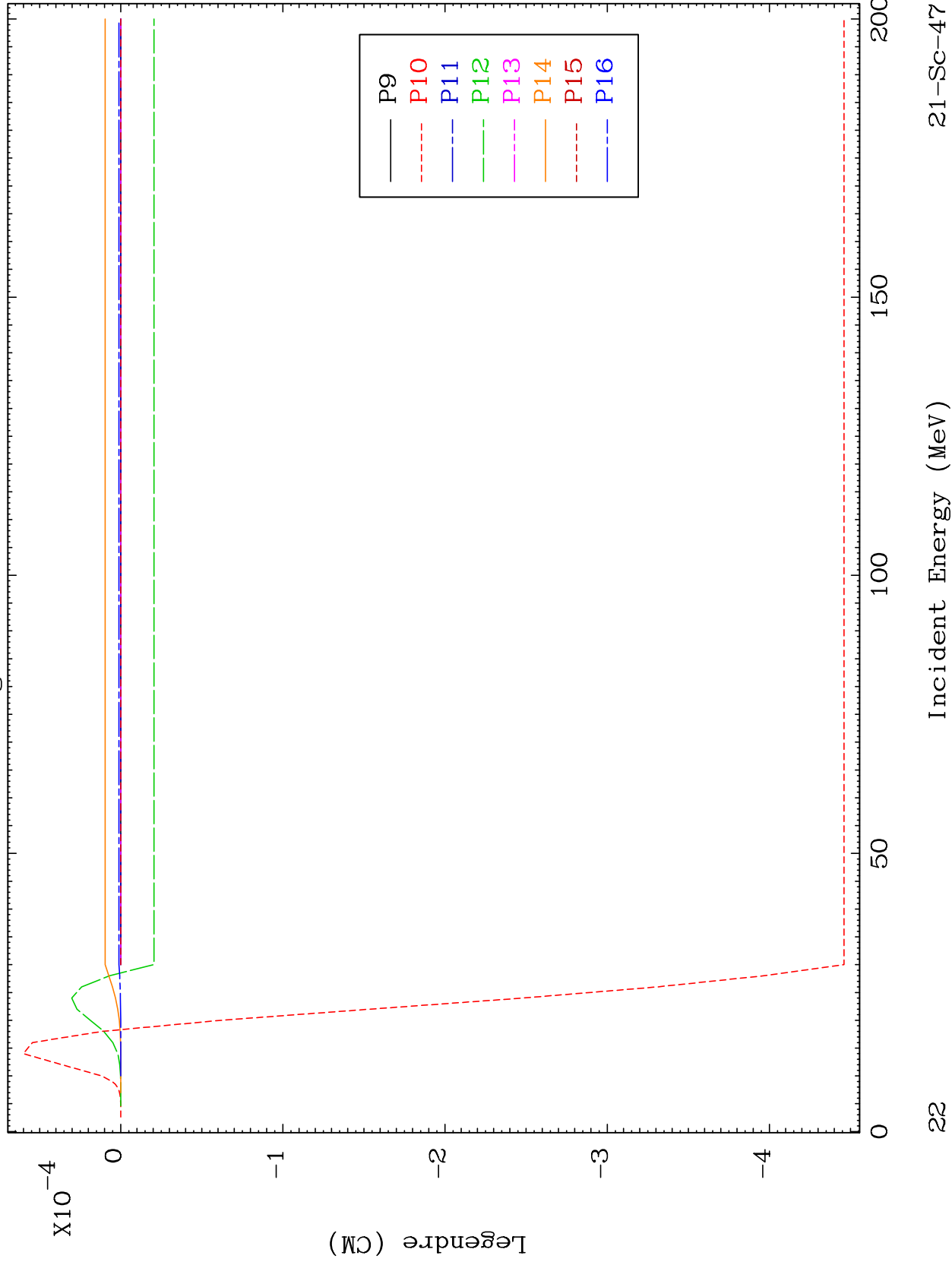




MAT 2131

21-Sc-47

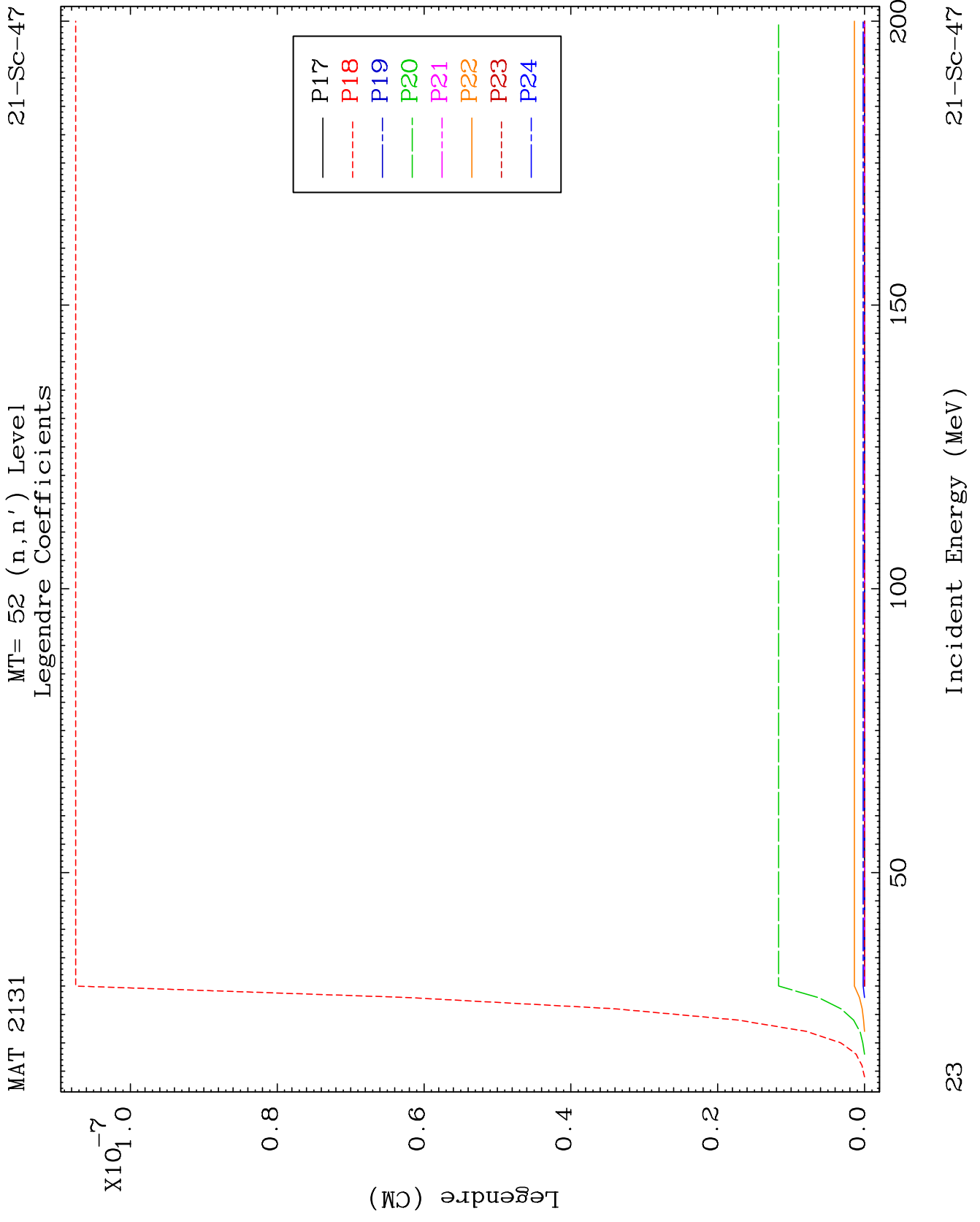
MT= 52 (n,n') Level
Legendre Coefficients

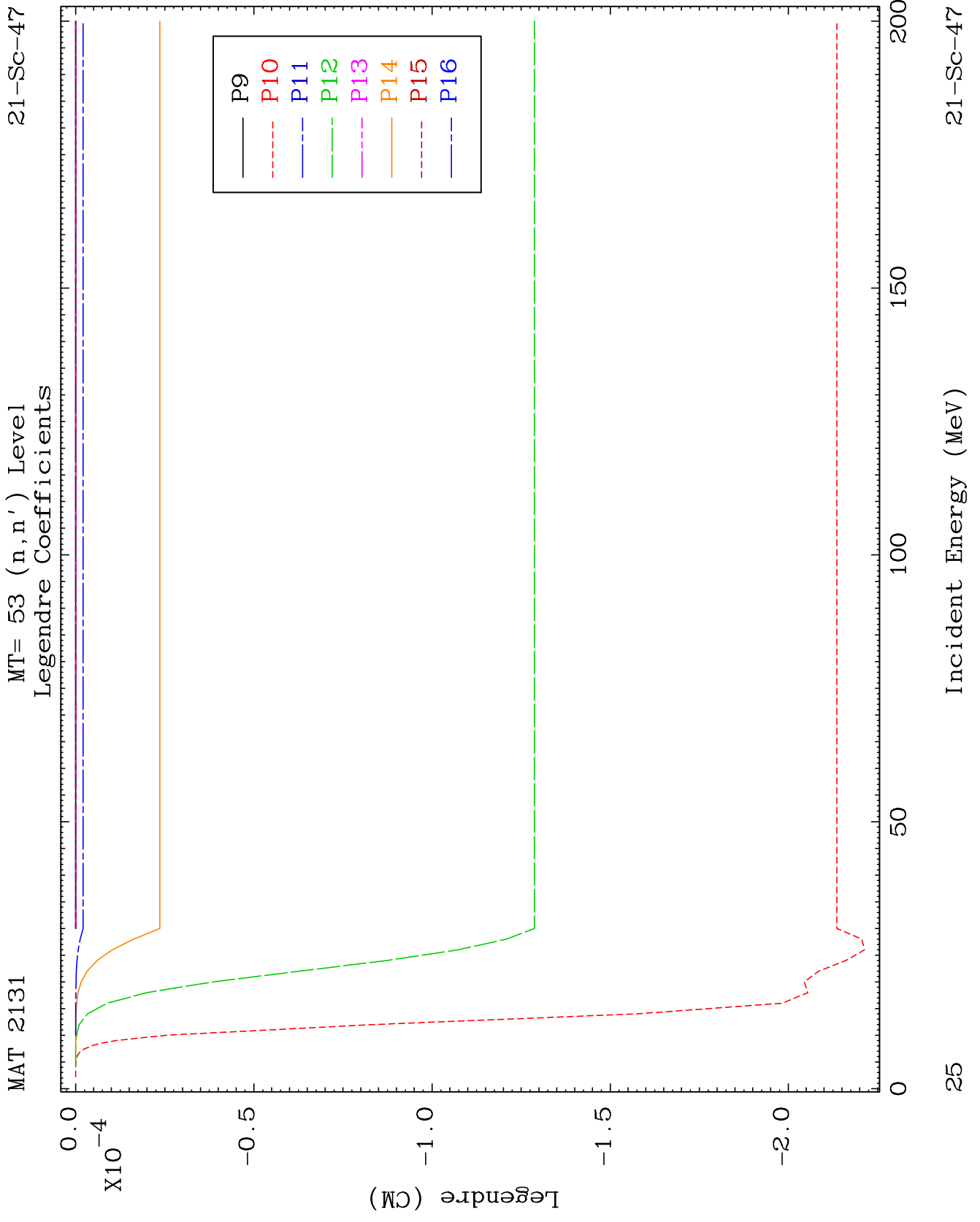


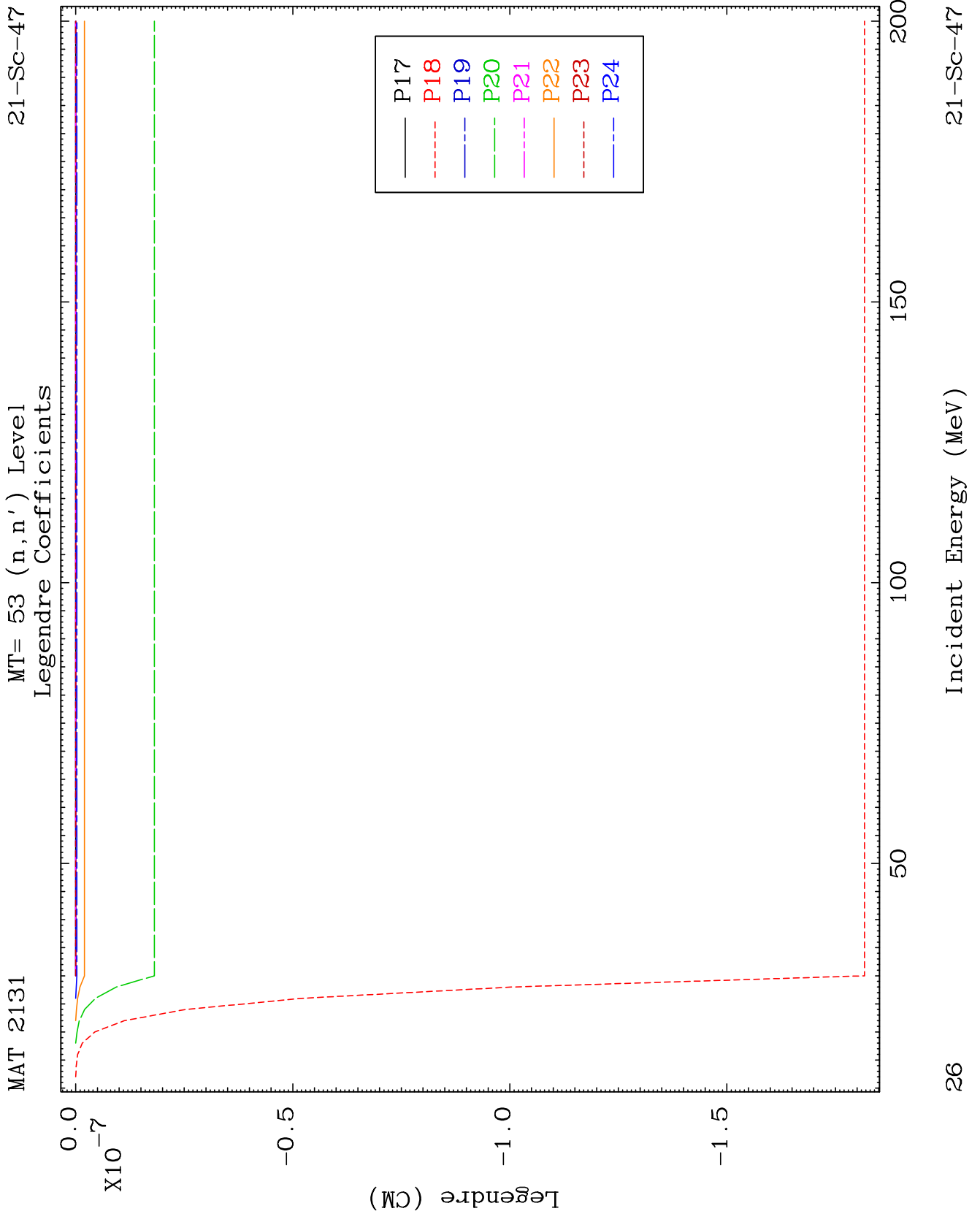
22

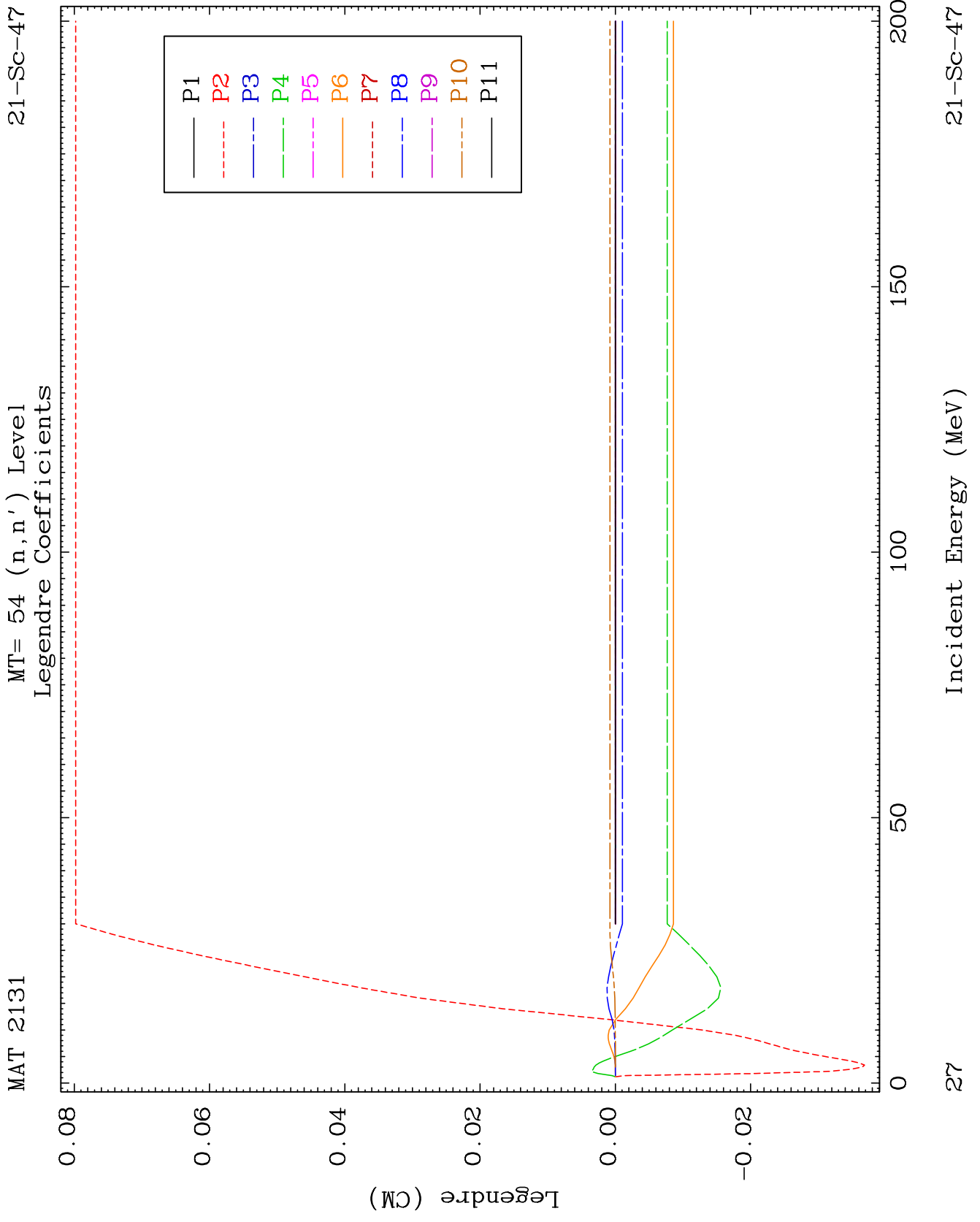
Incident Energy (MeV)

21-Sc-47





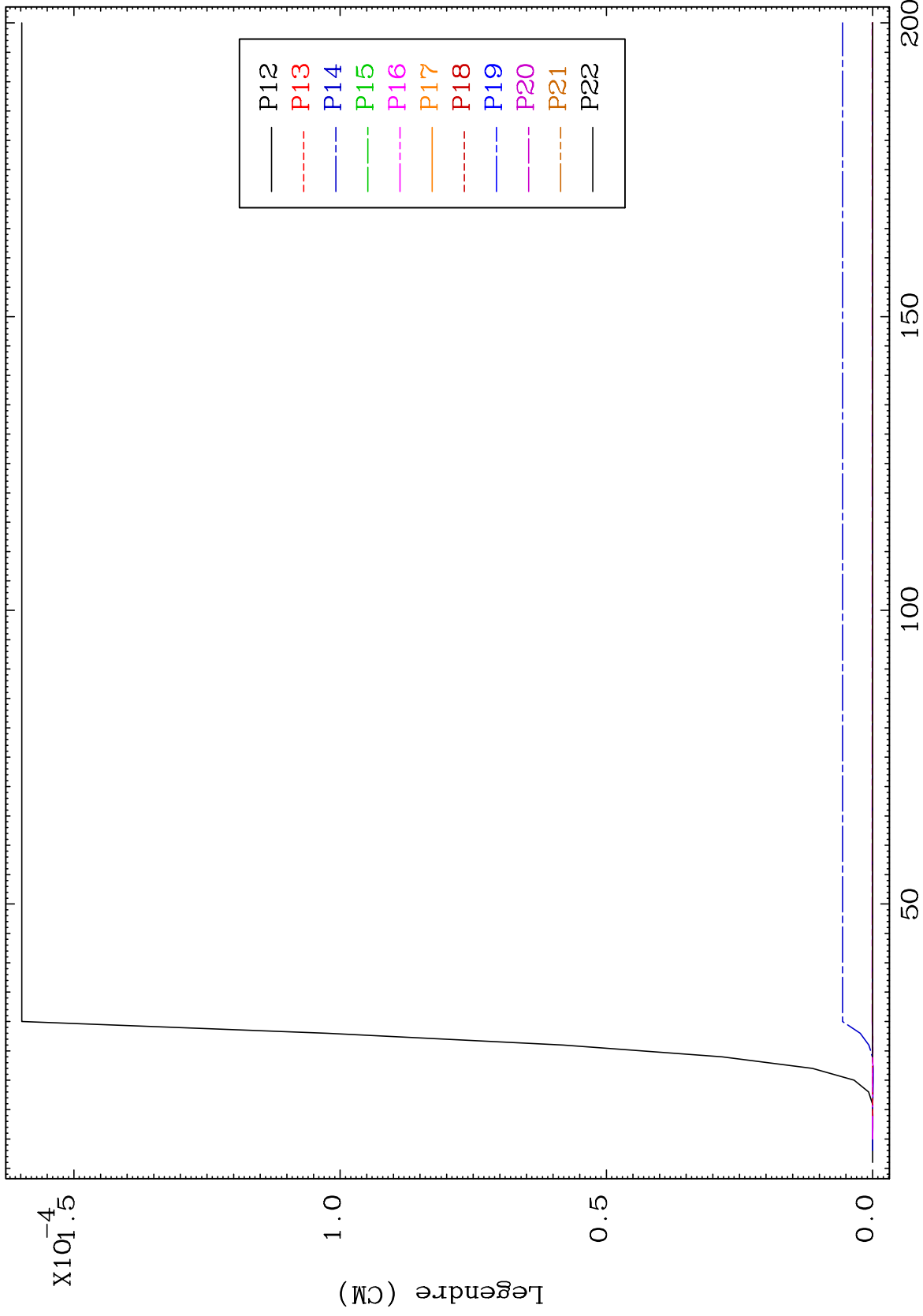




MAT 2131

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

21-Sc-47



28

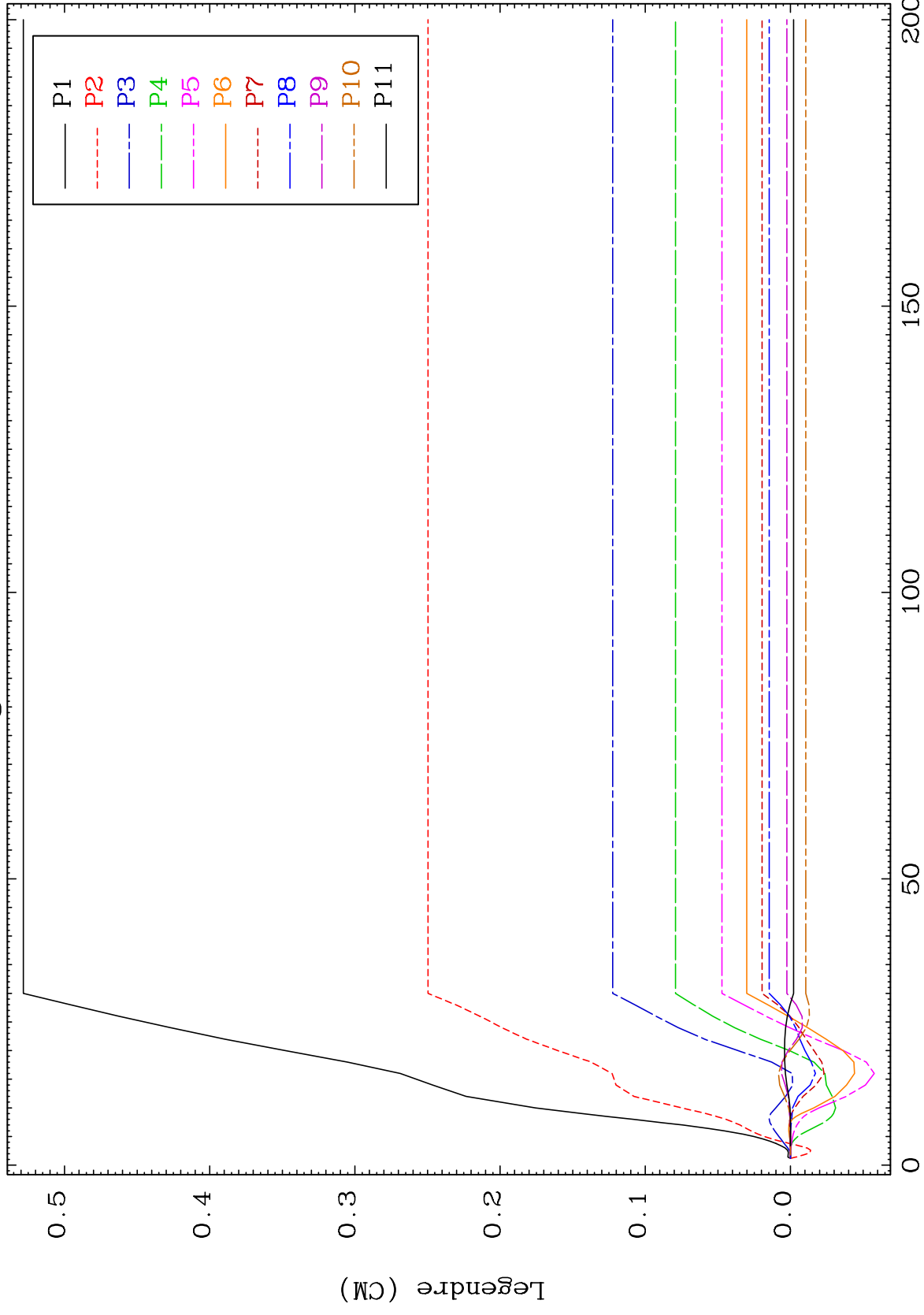
Incident Energy (MeV)

21-Sc-47

MAT 2131

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

21-Sc-47



29

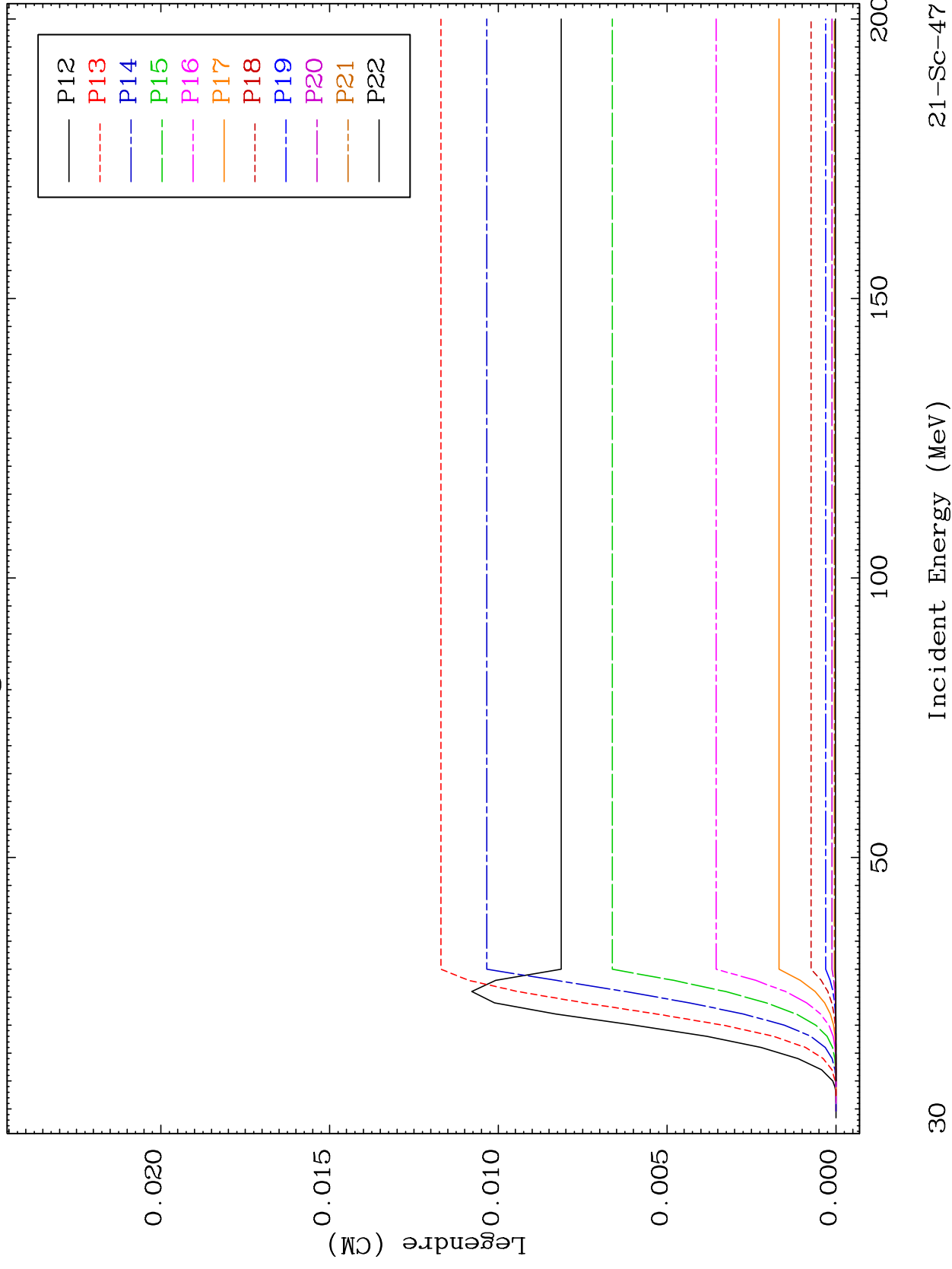
Incident Energy (MeV)

21-Sc-47

MAT 2131

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

21-Sc-47



21-Sc-47

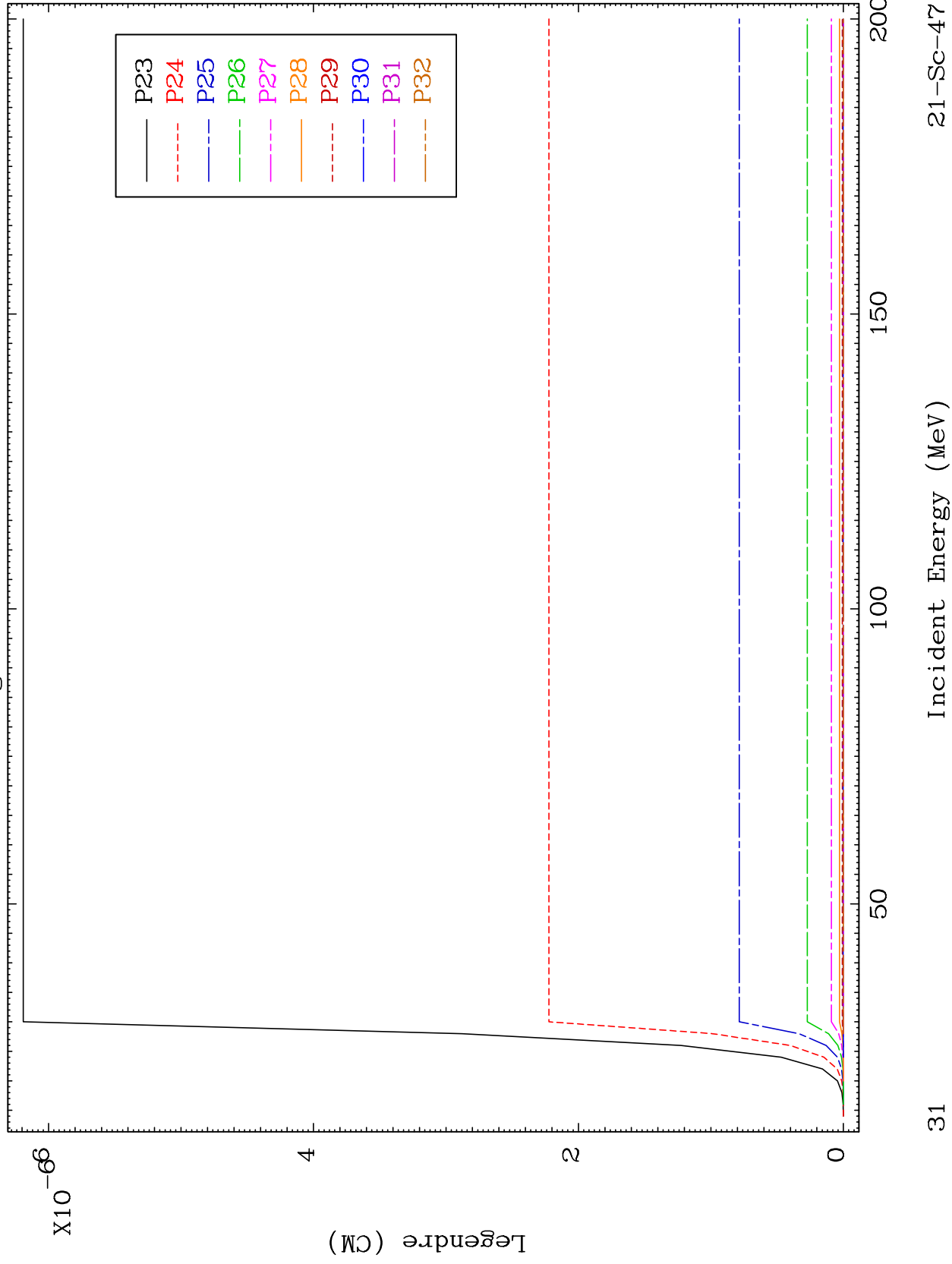
Incident Energy (MeV)

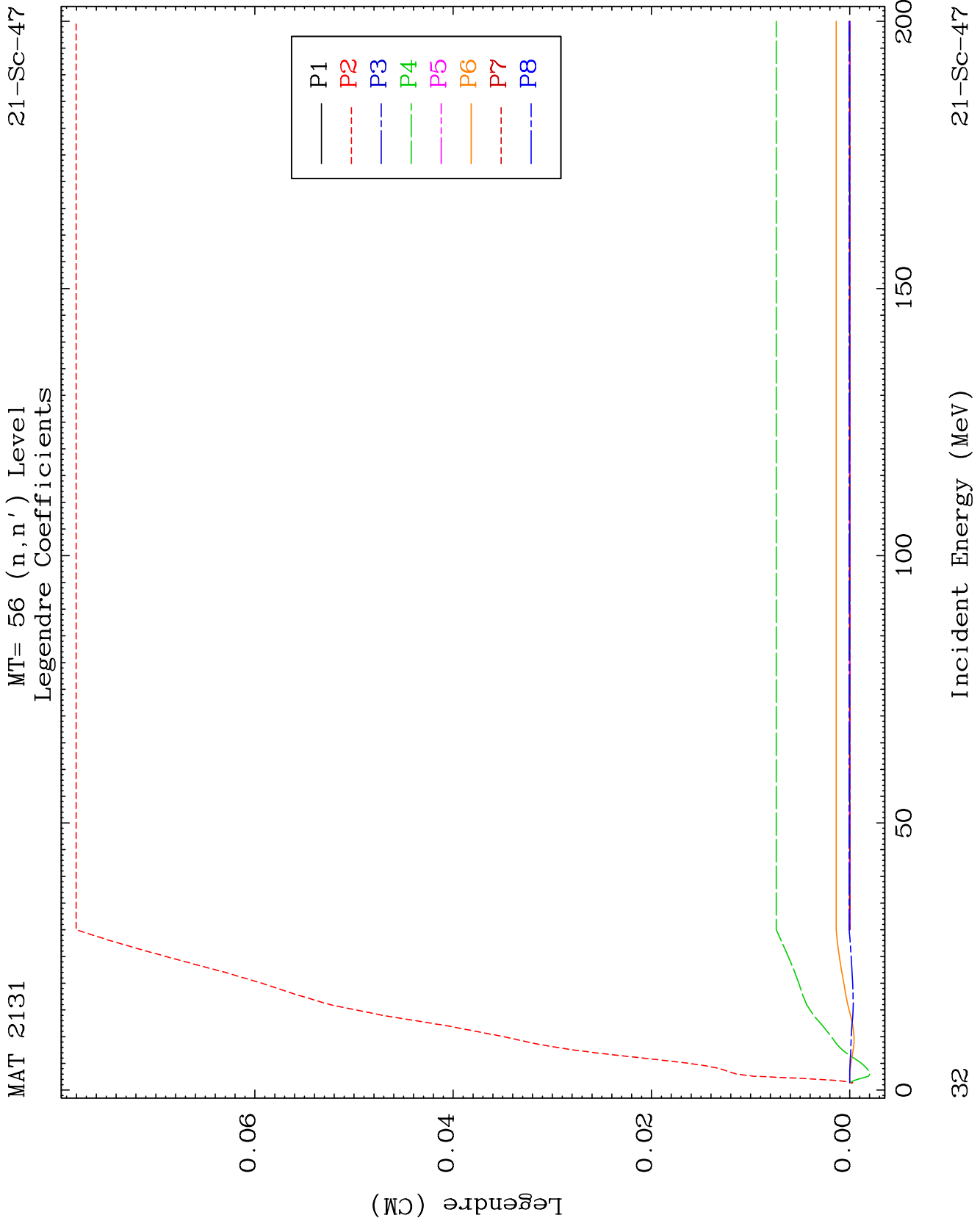
30

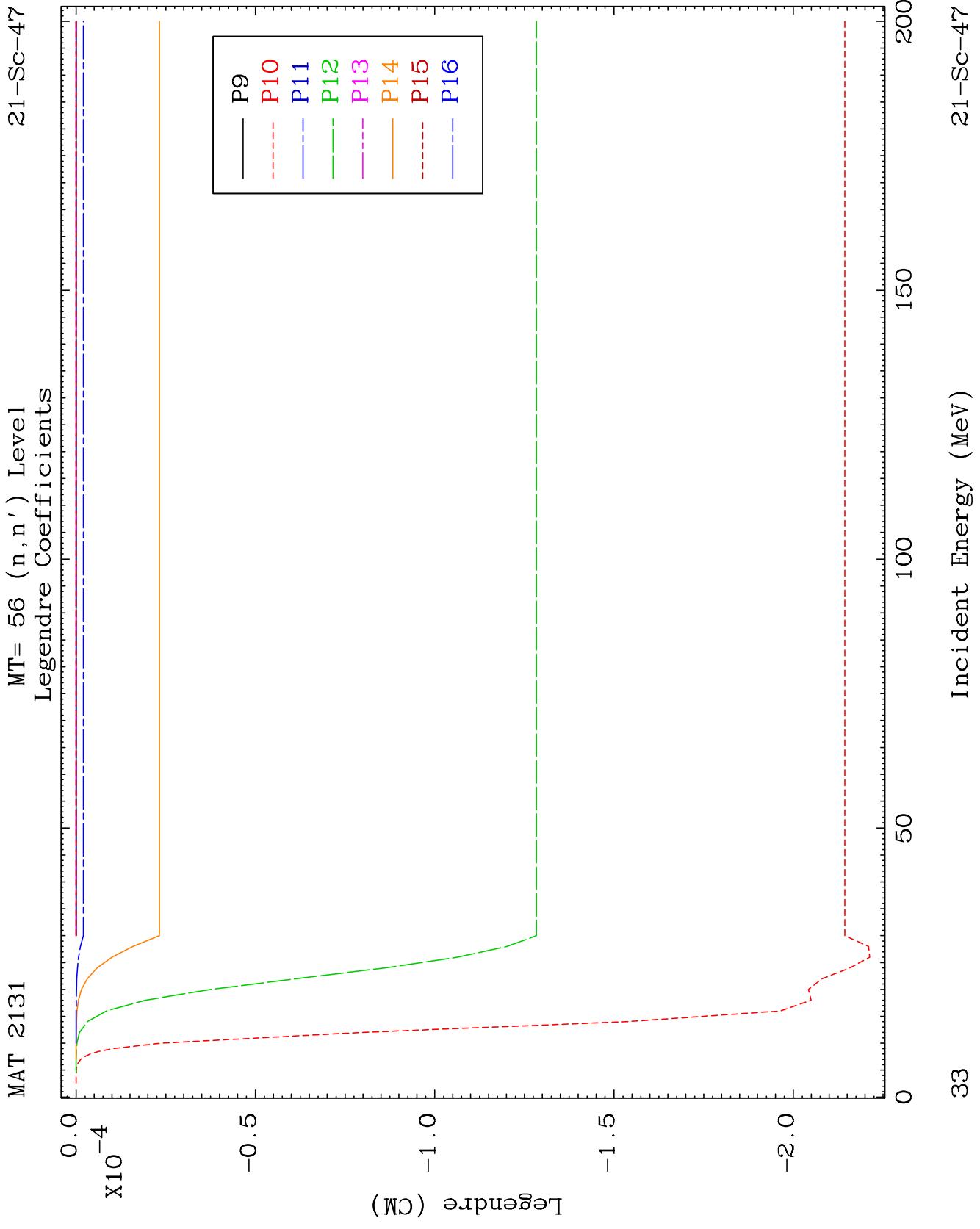
MAT 2131

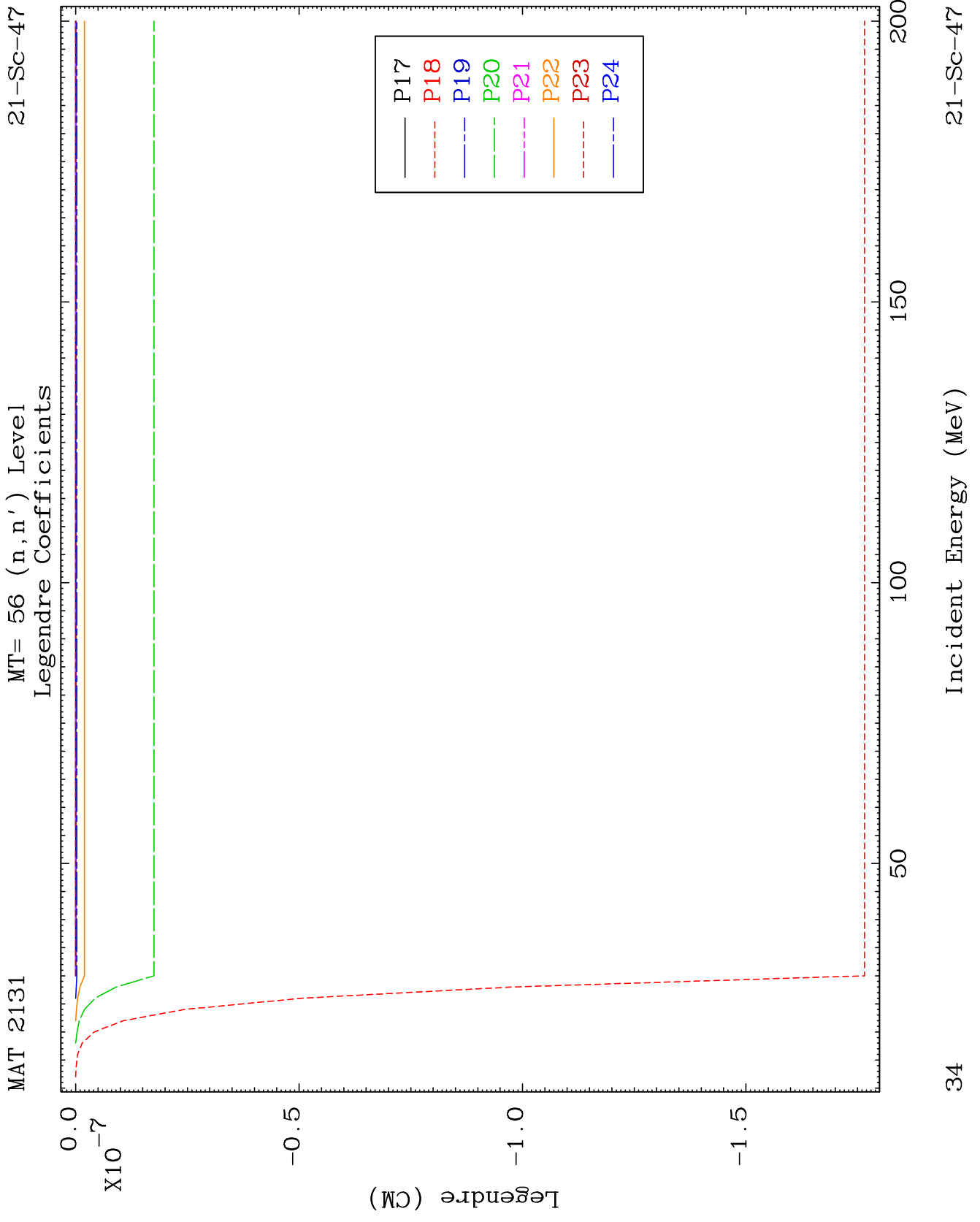
MT= 55 (n,n') Level
Legendre Coefficients

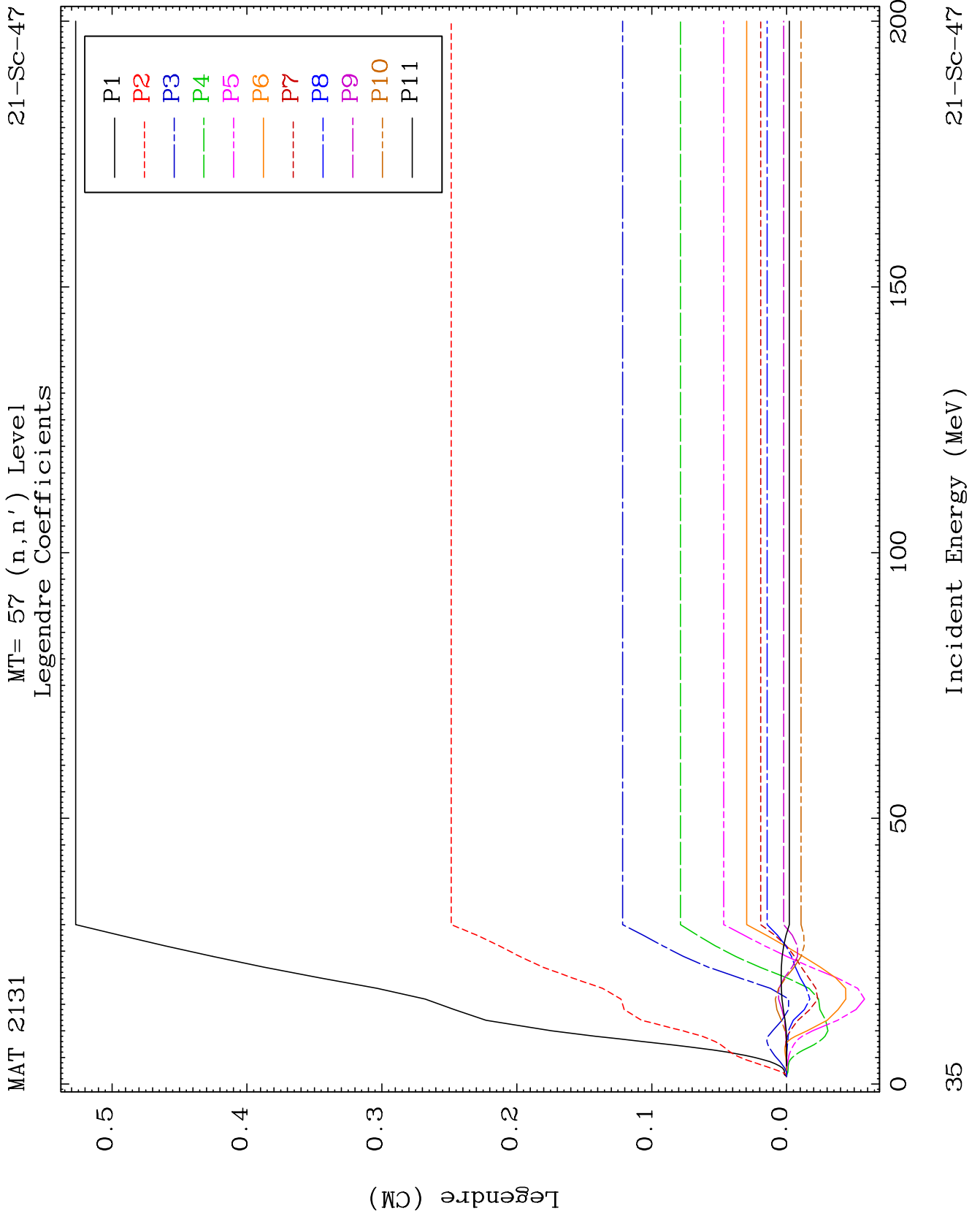
21-Sc-47

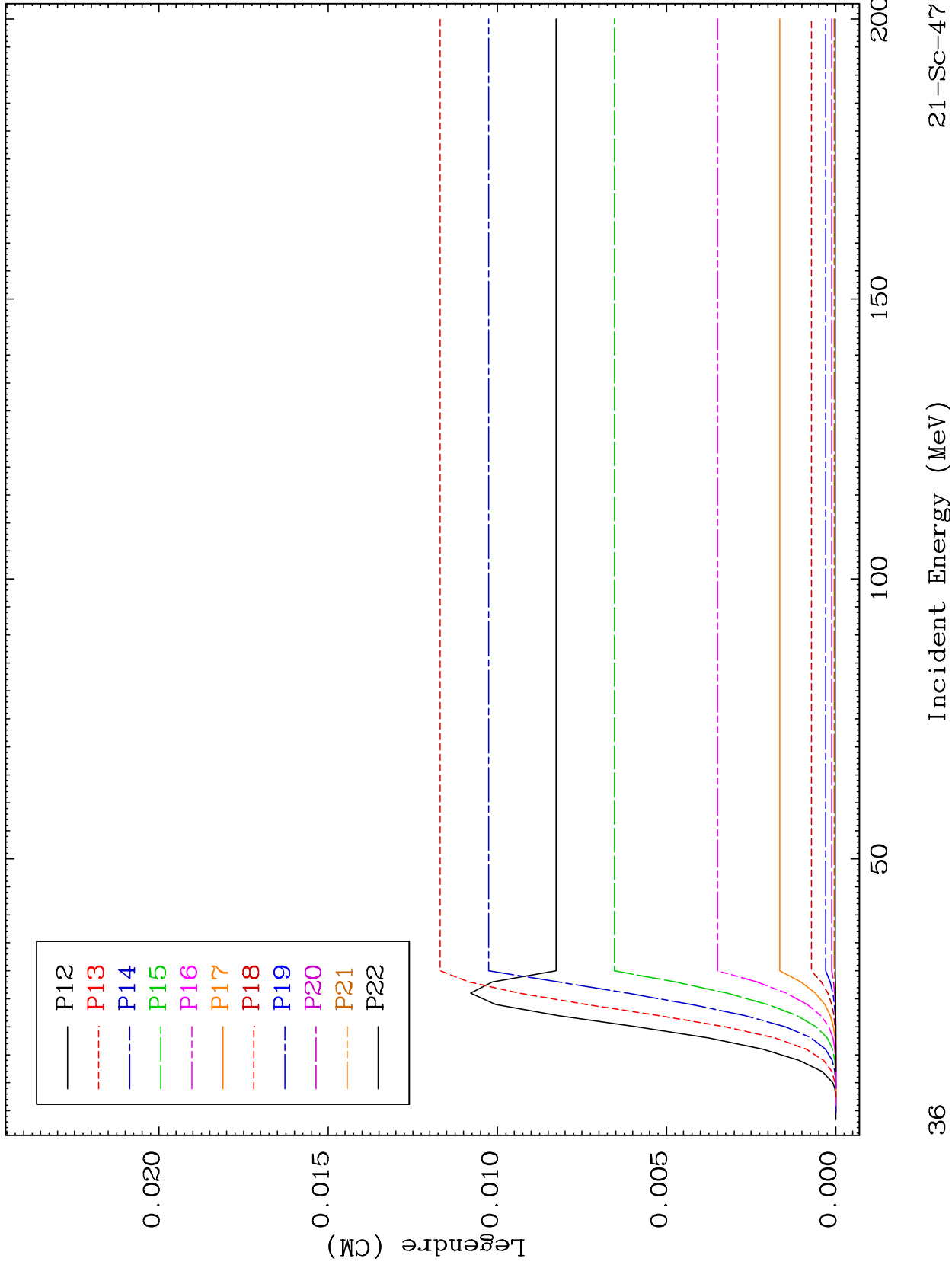








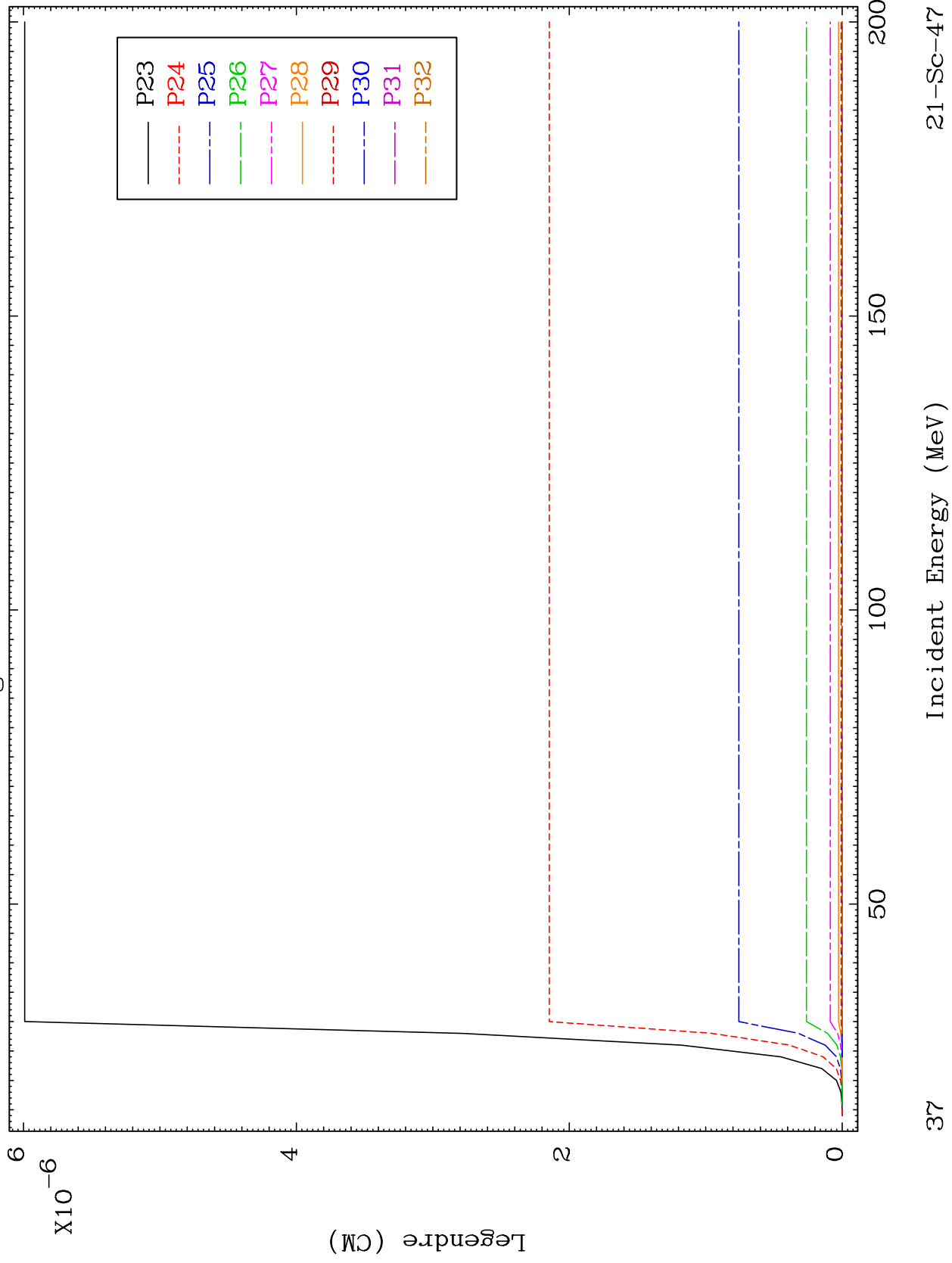


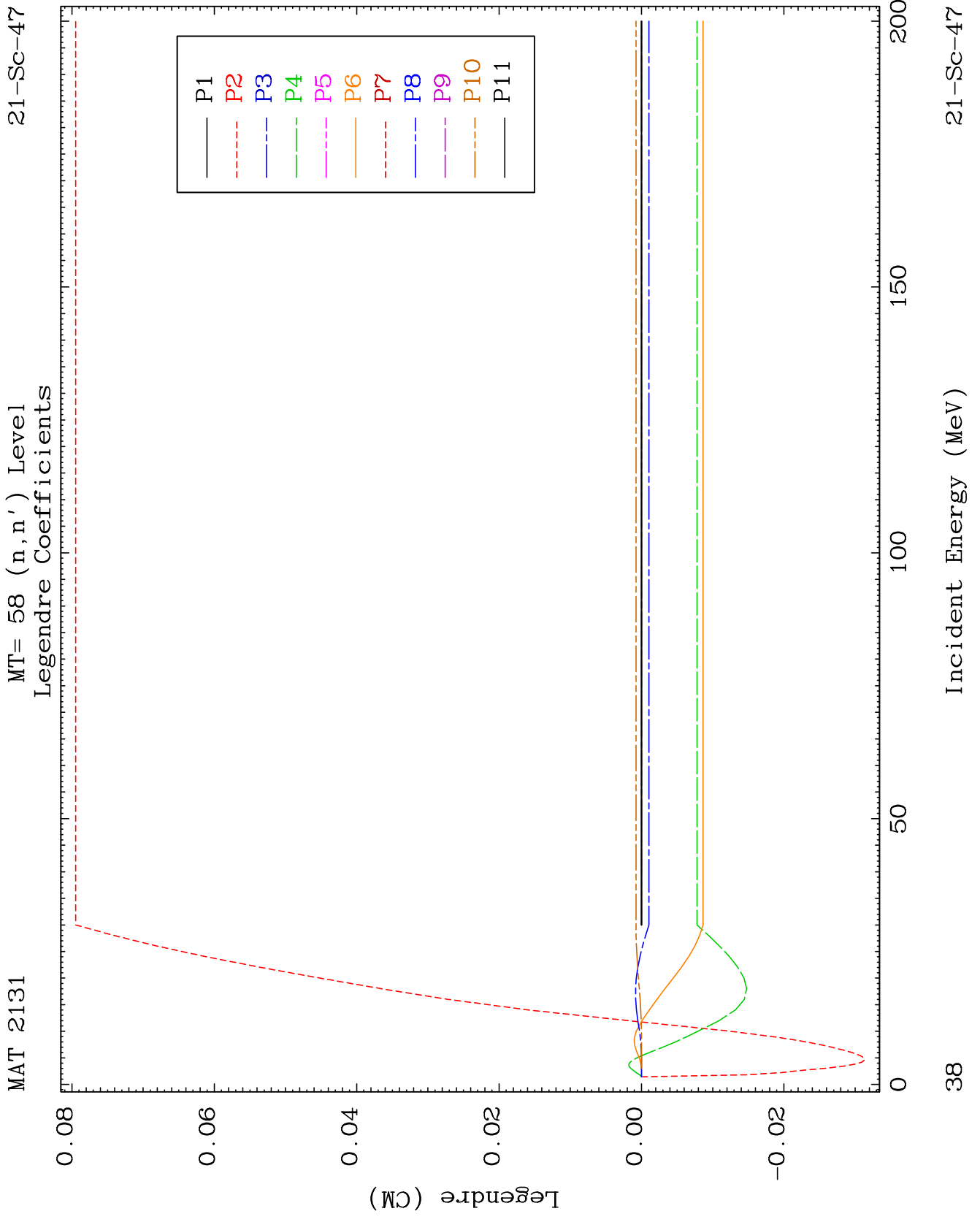


MAT 2131

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

21-Sc-47

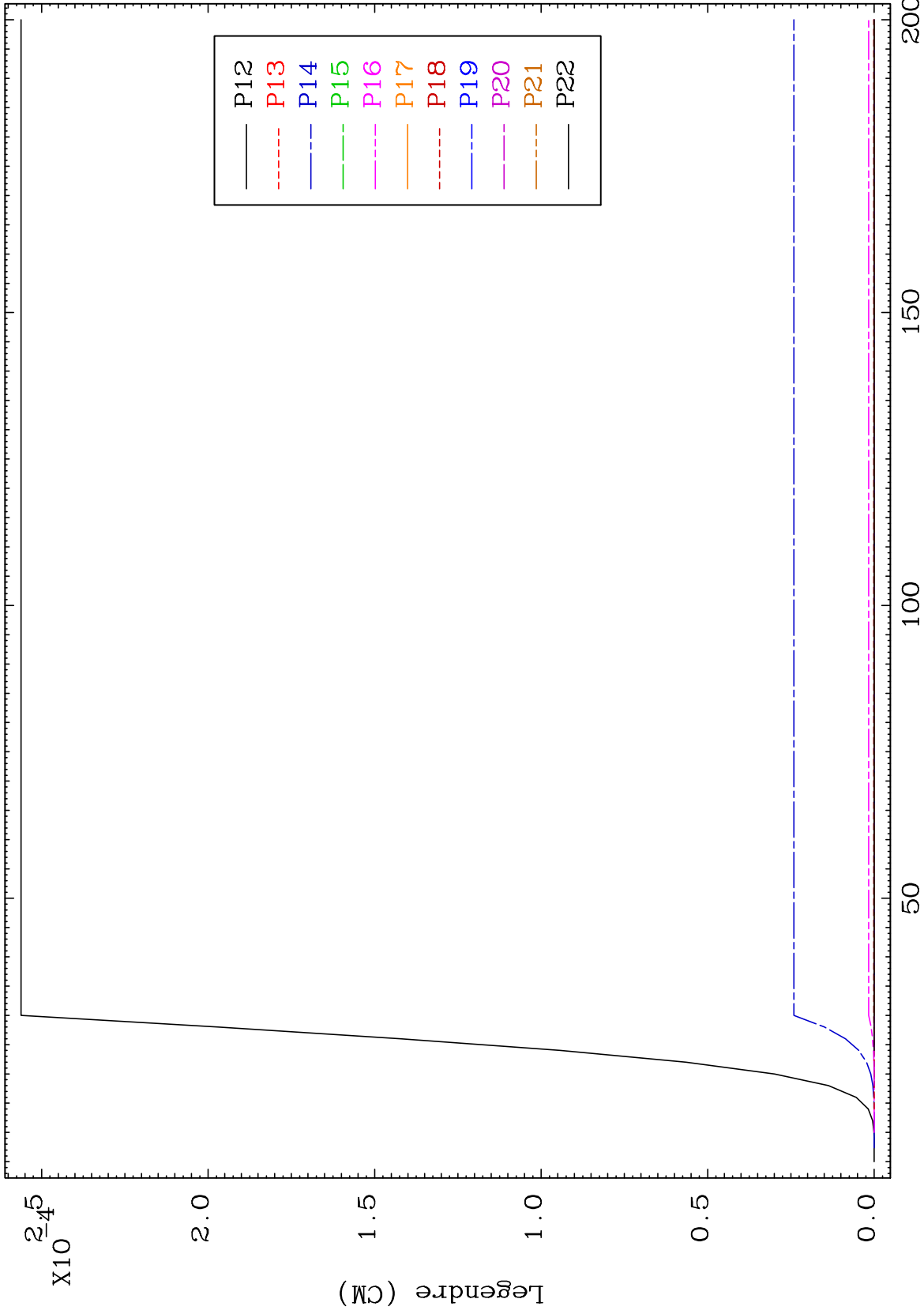




MAT 2131

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

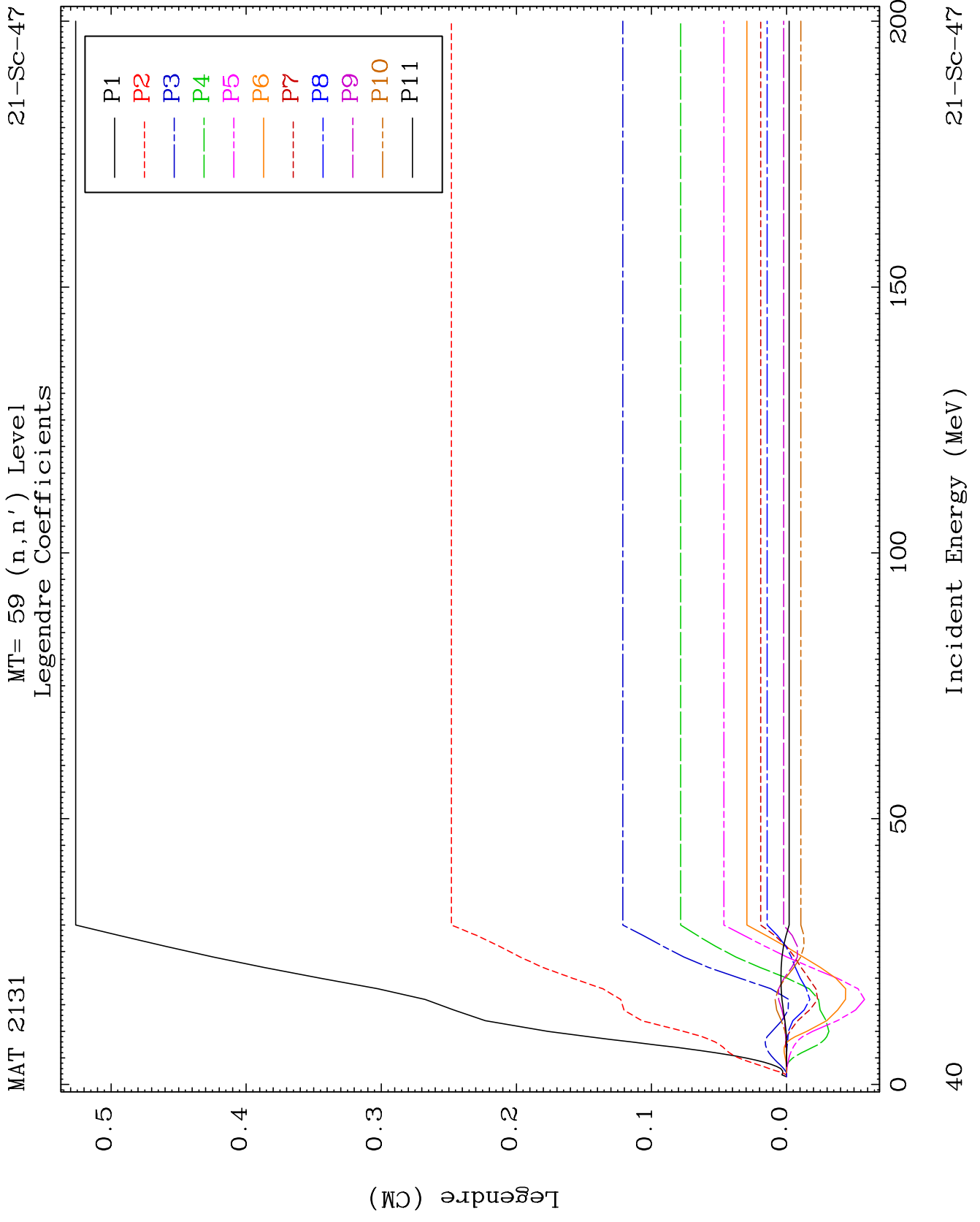
21-Sc-47



39

Incident Energy (MeV)

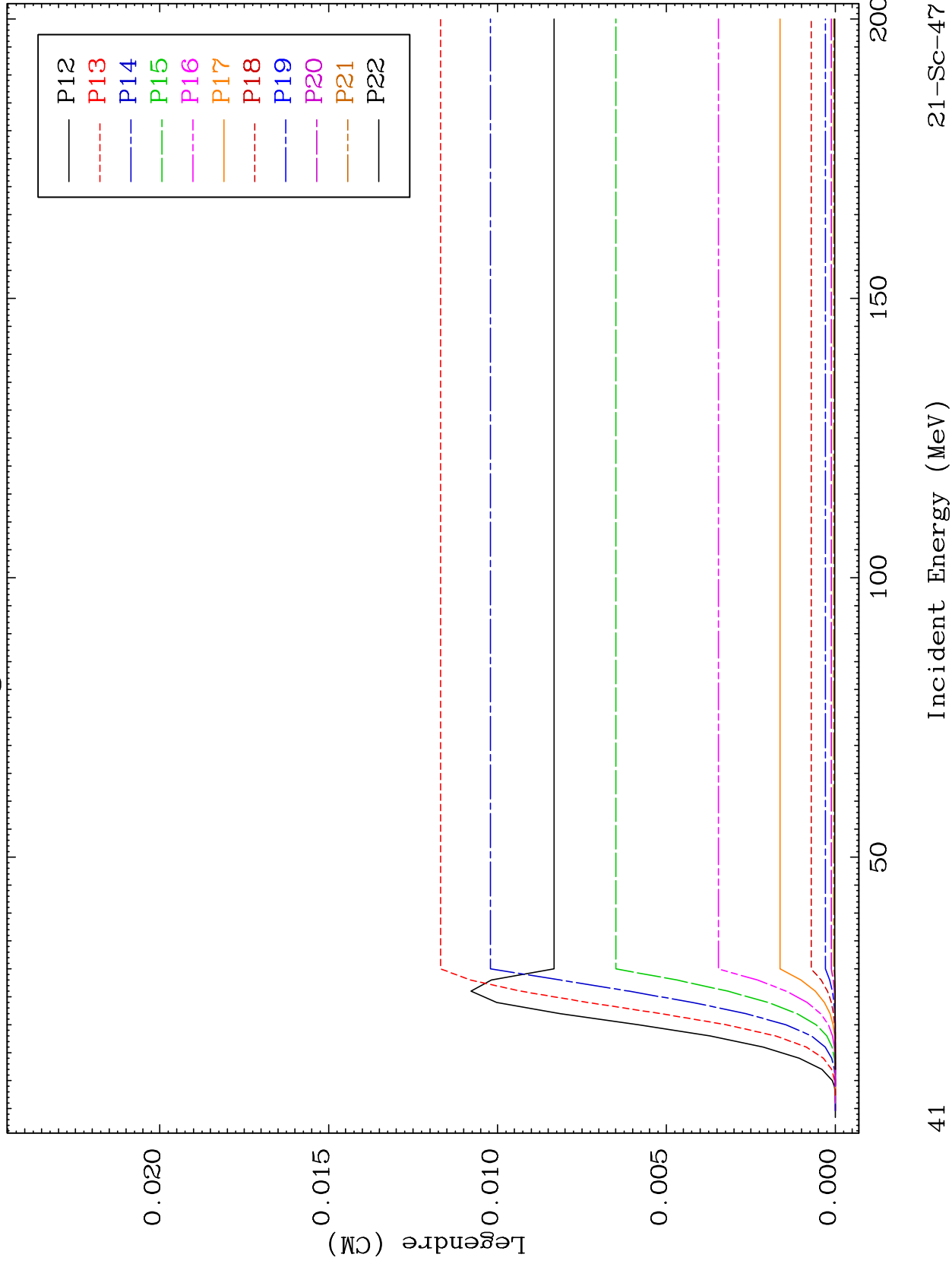
21-Sc-47



MAT 2131

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

21-Sc-47

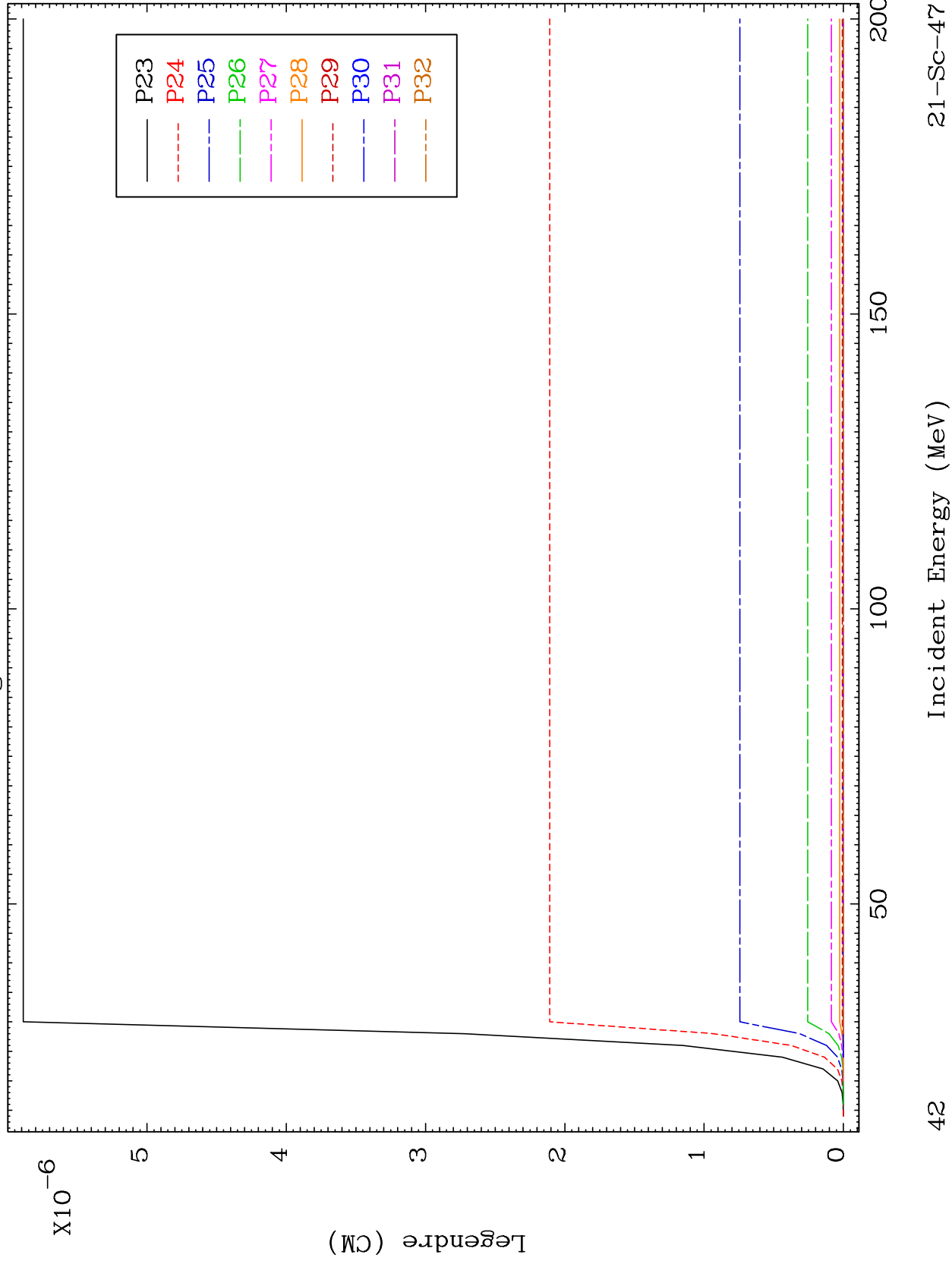


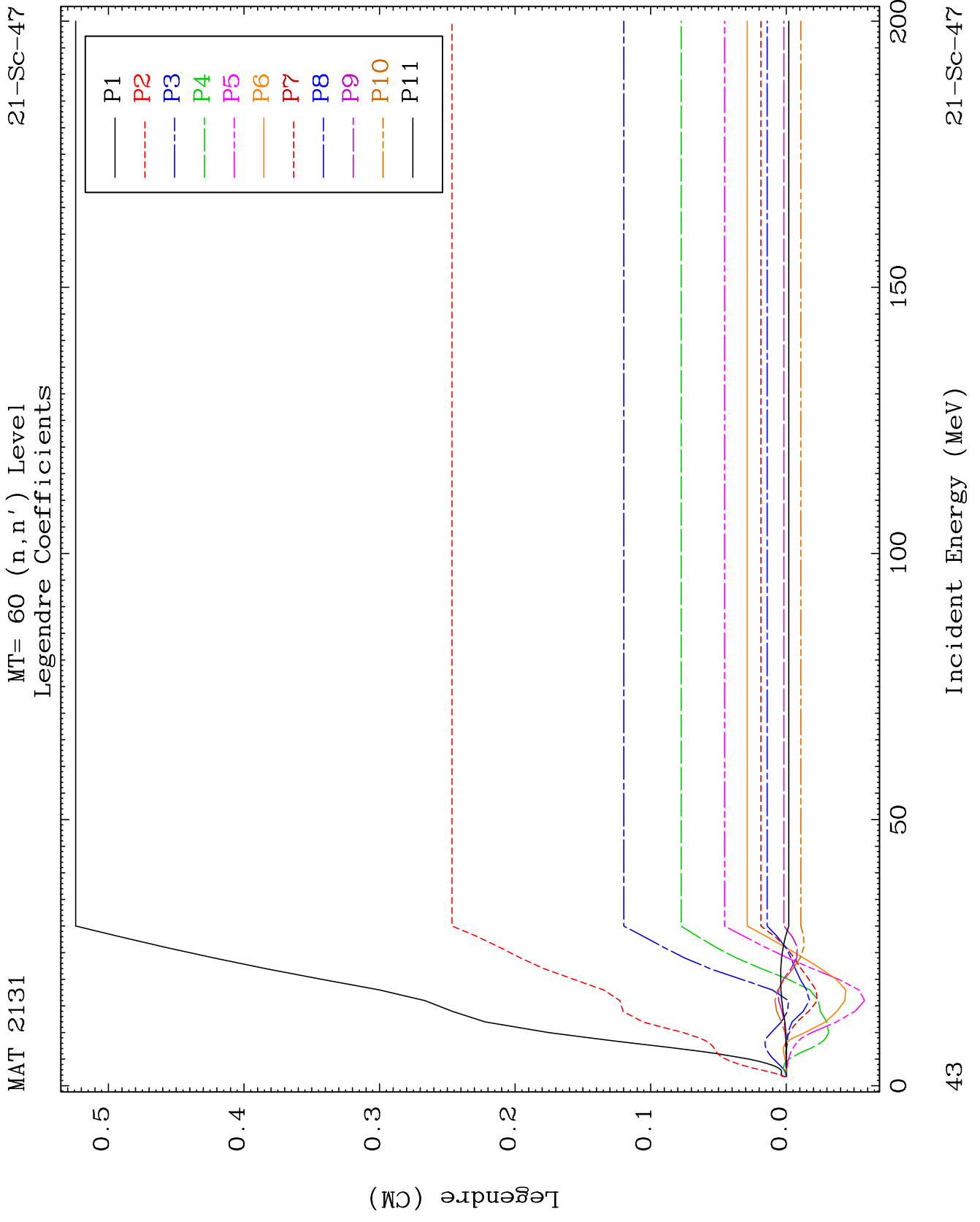
41

MAT 2131

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

21-Sc-47

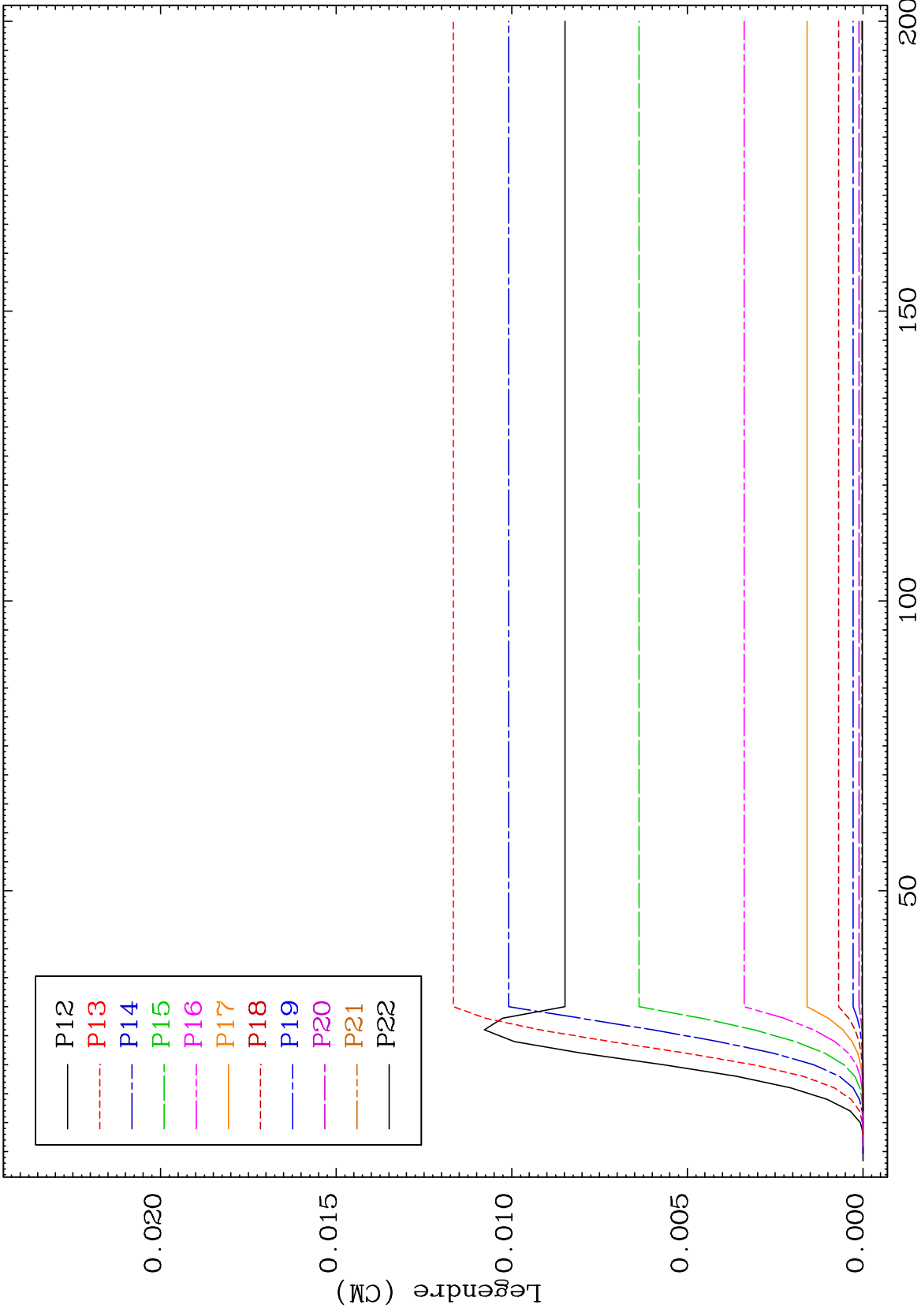




MAT 2131

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

21-Sc-47



44

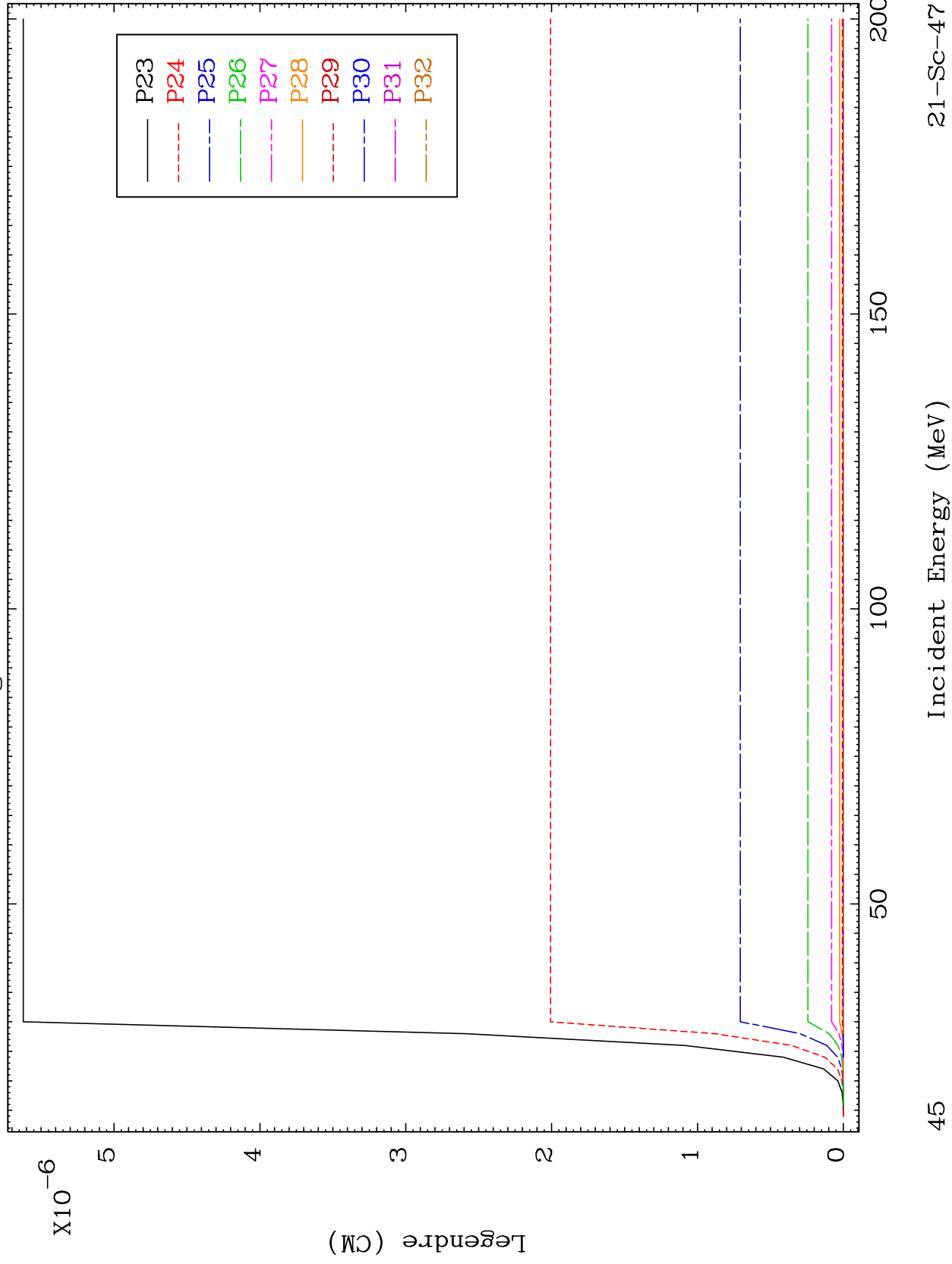
Incident Energy (MeV)

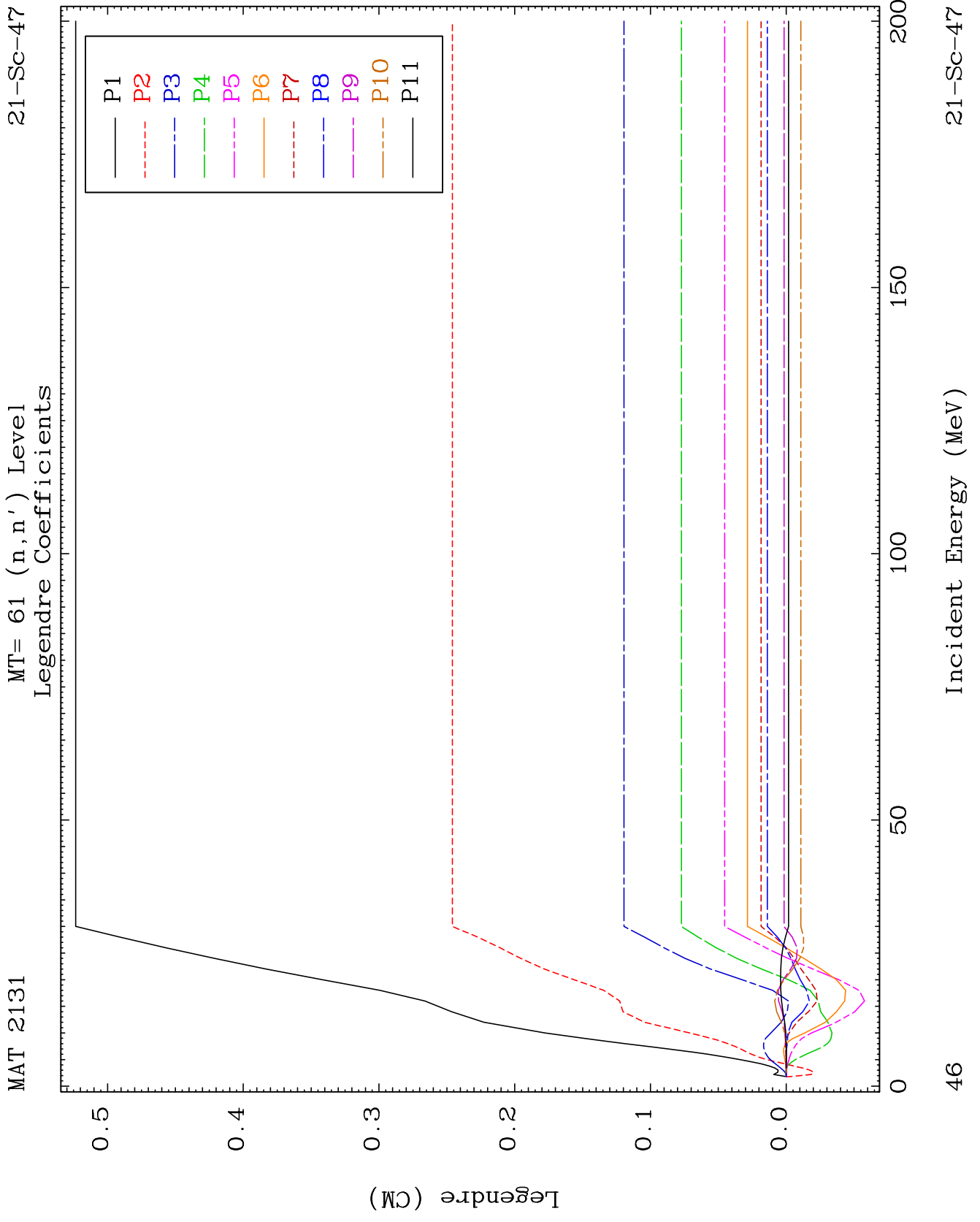
21-Sc-47

MAT 2131

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

21-Sc-47

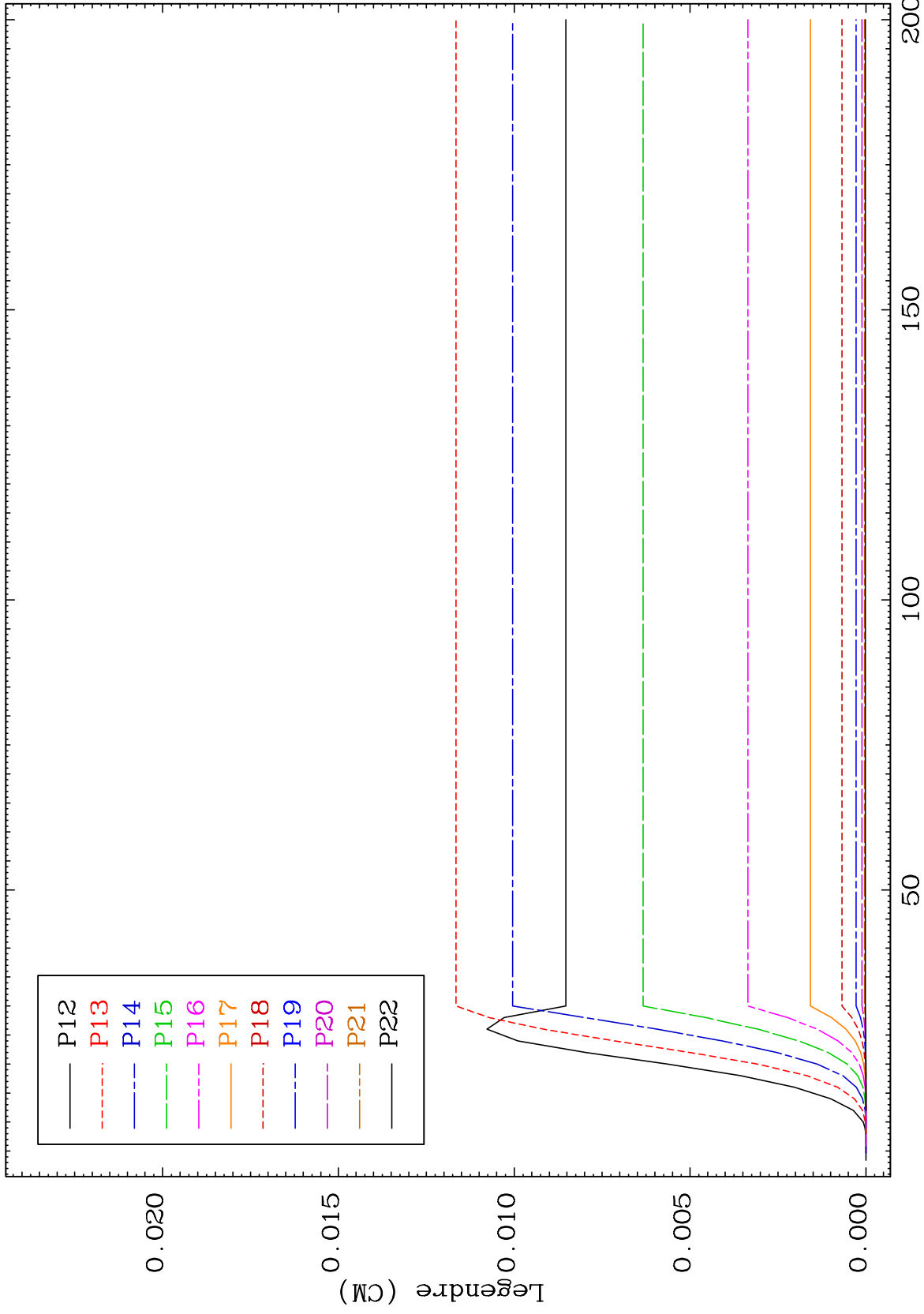




MAT 2131

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

21-Sc-47



47

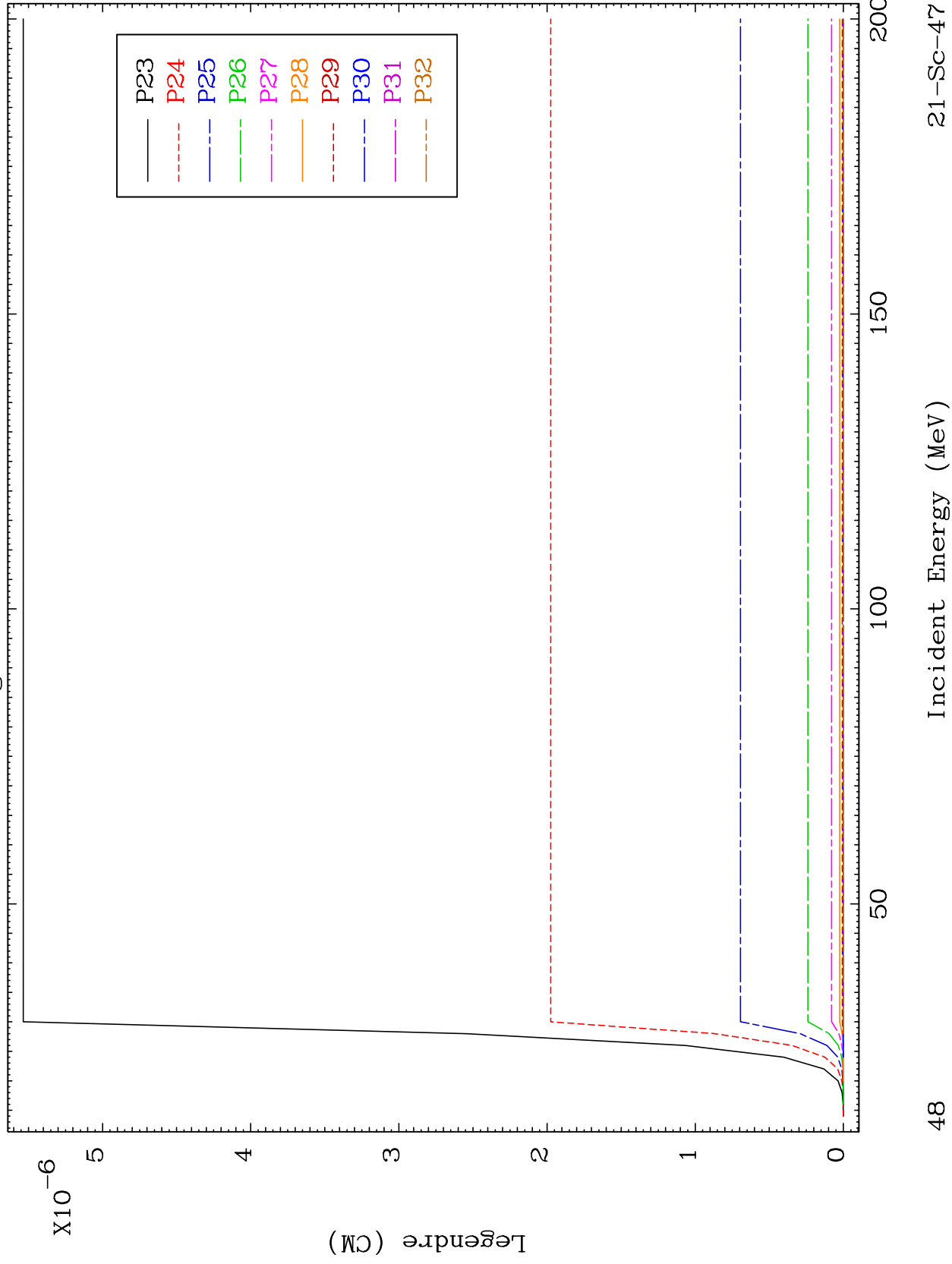
Incident Energy (MeV)

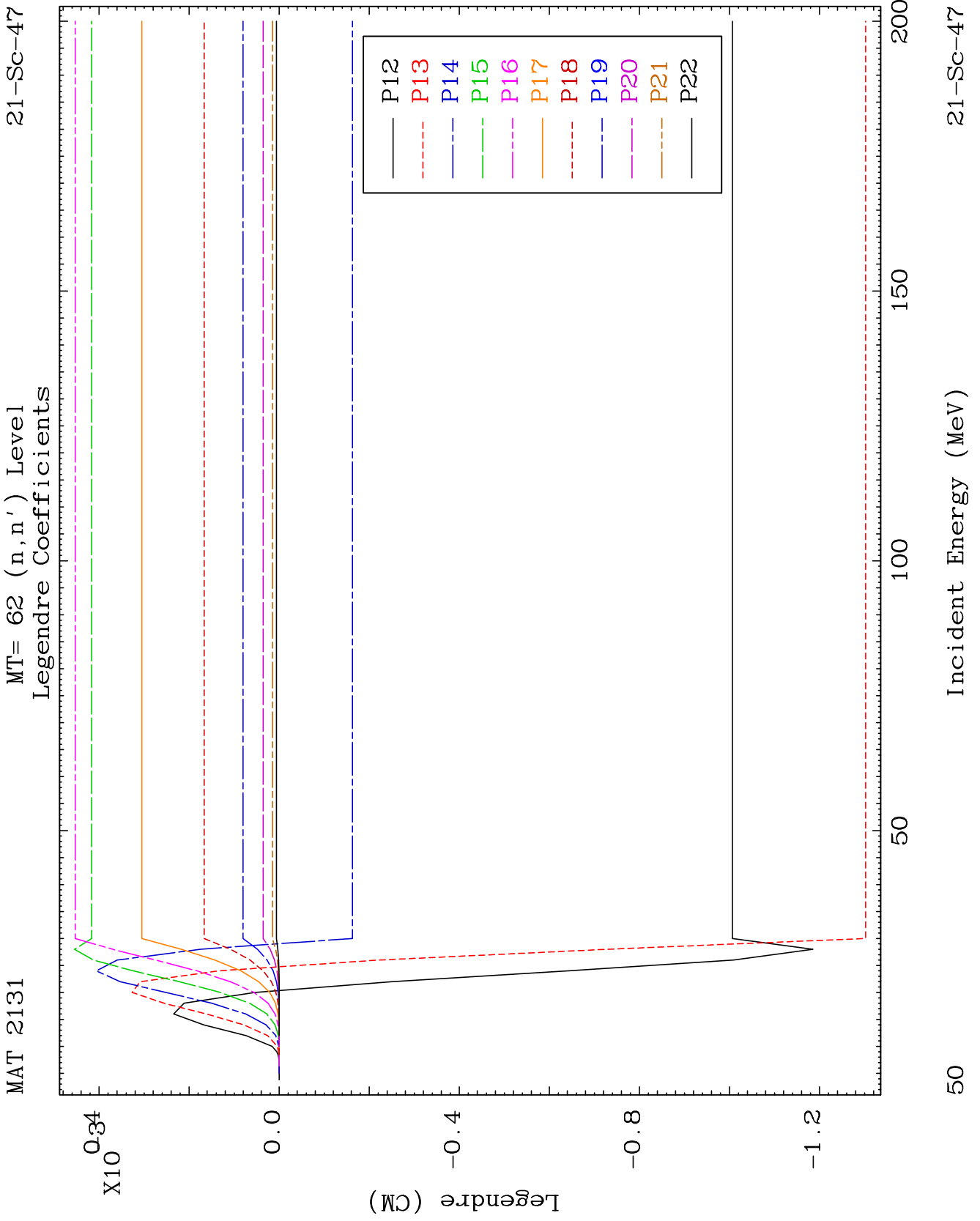
21-Sc-47

MAT 2131

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

21-Sc-47

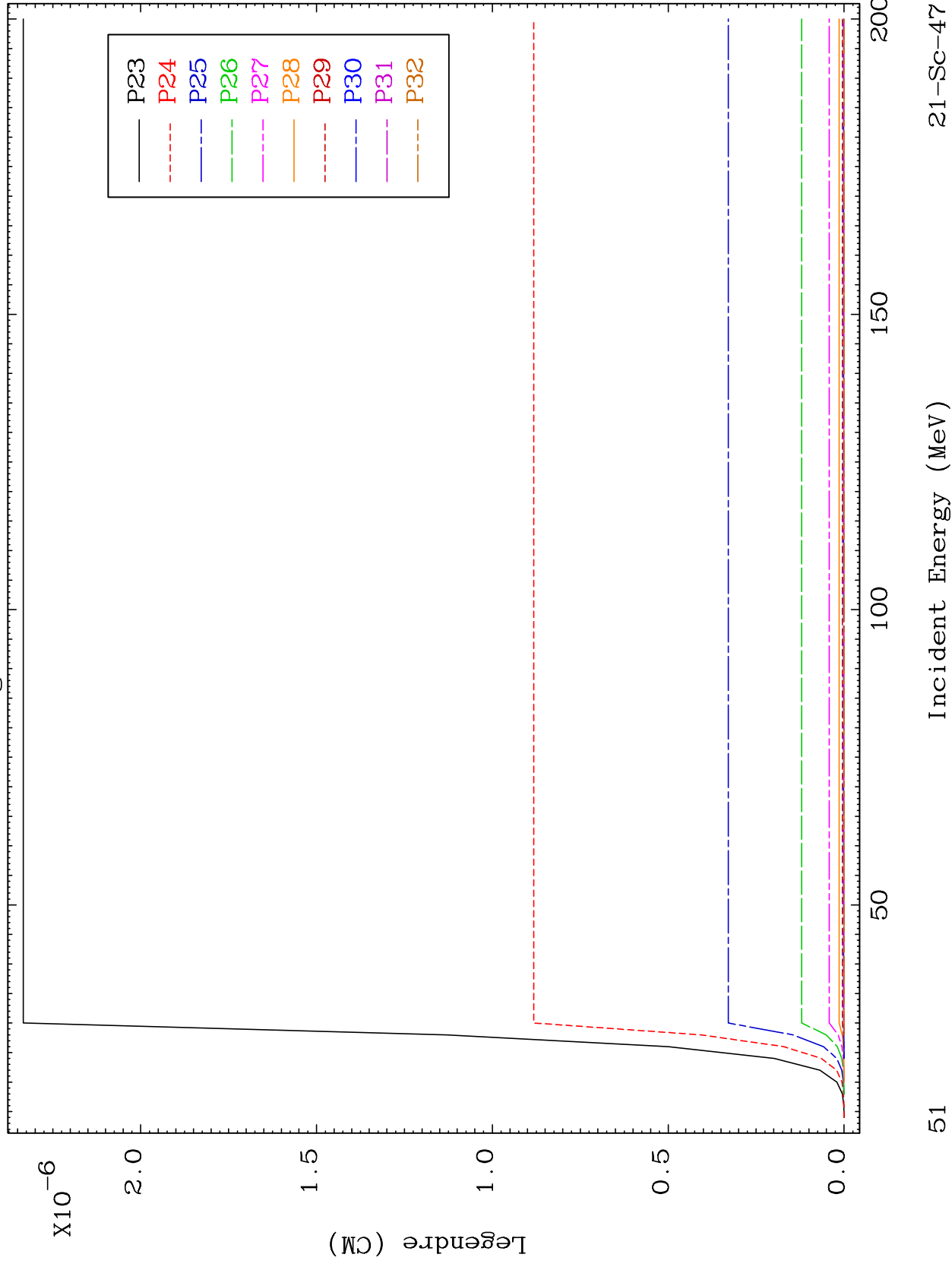


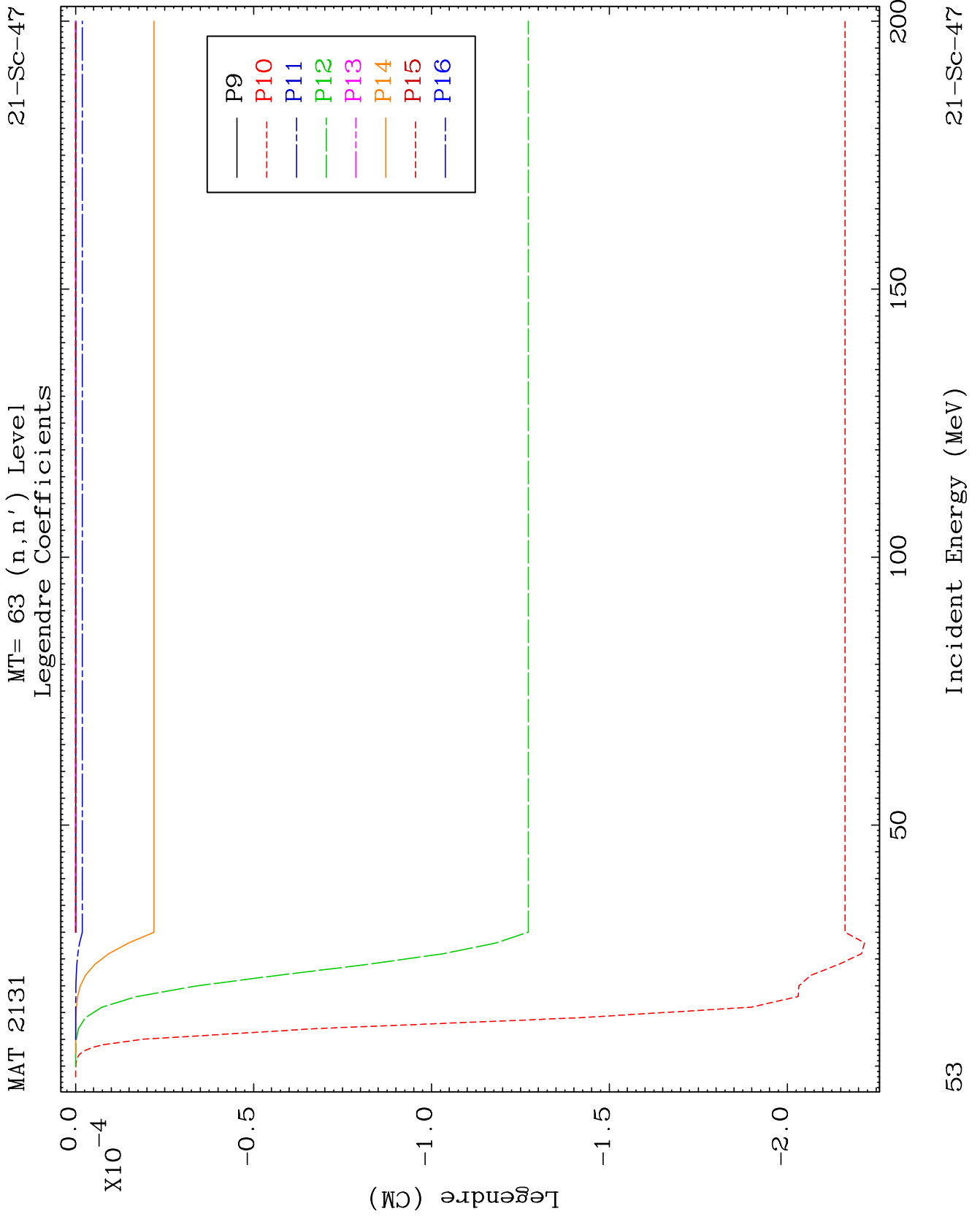


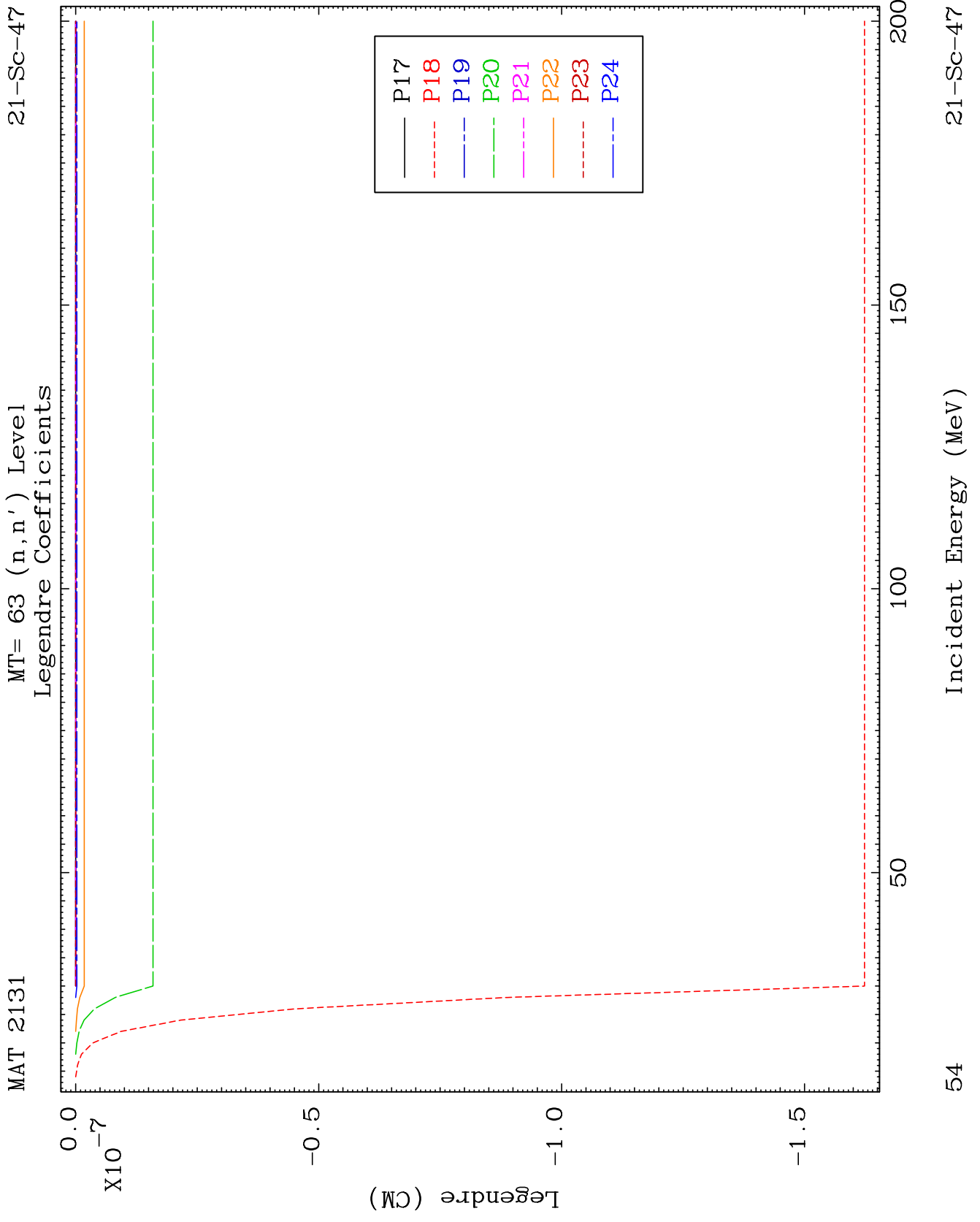
MAT 2131

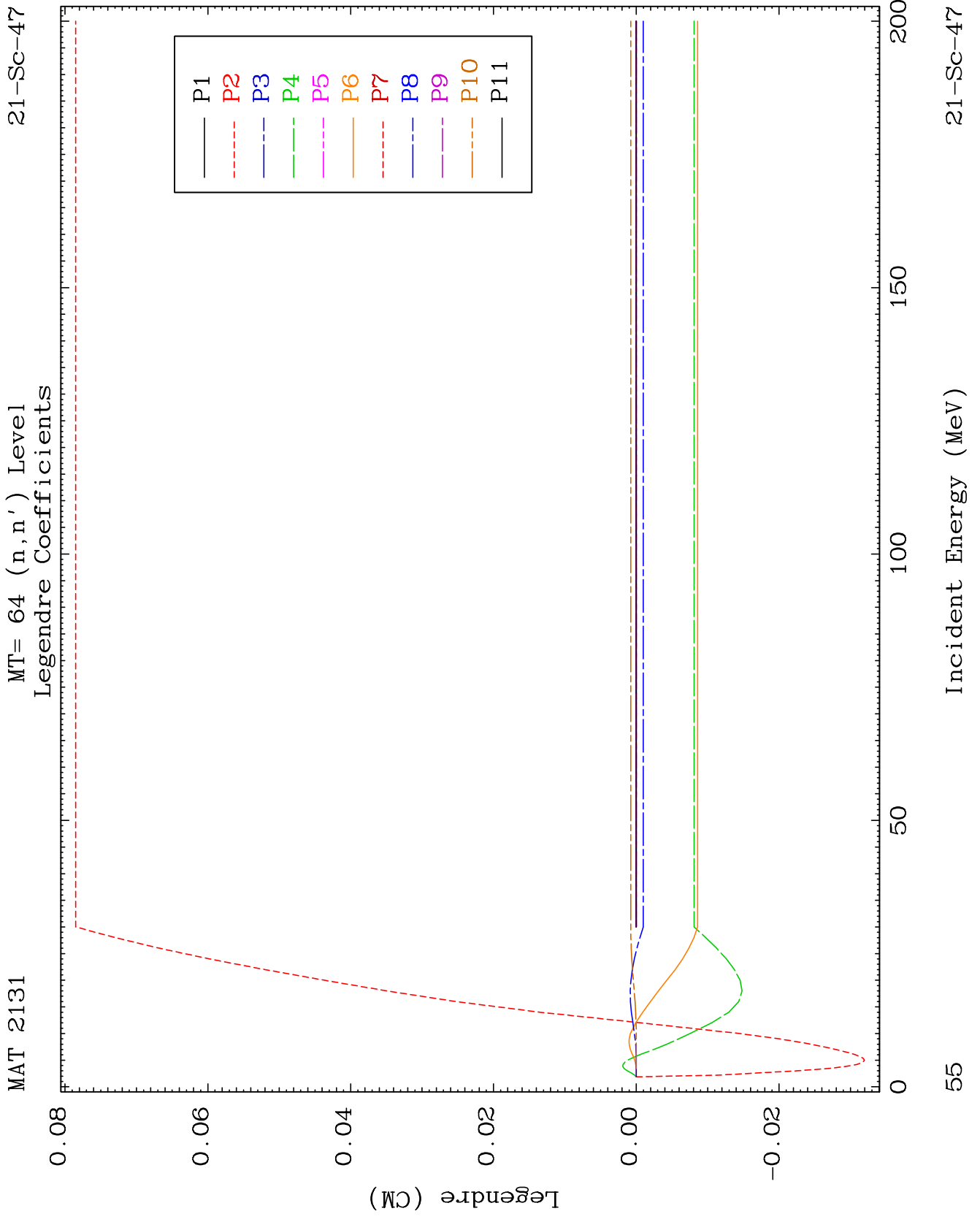
MT= 62 (n,n') Level
Legendre Coefficients

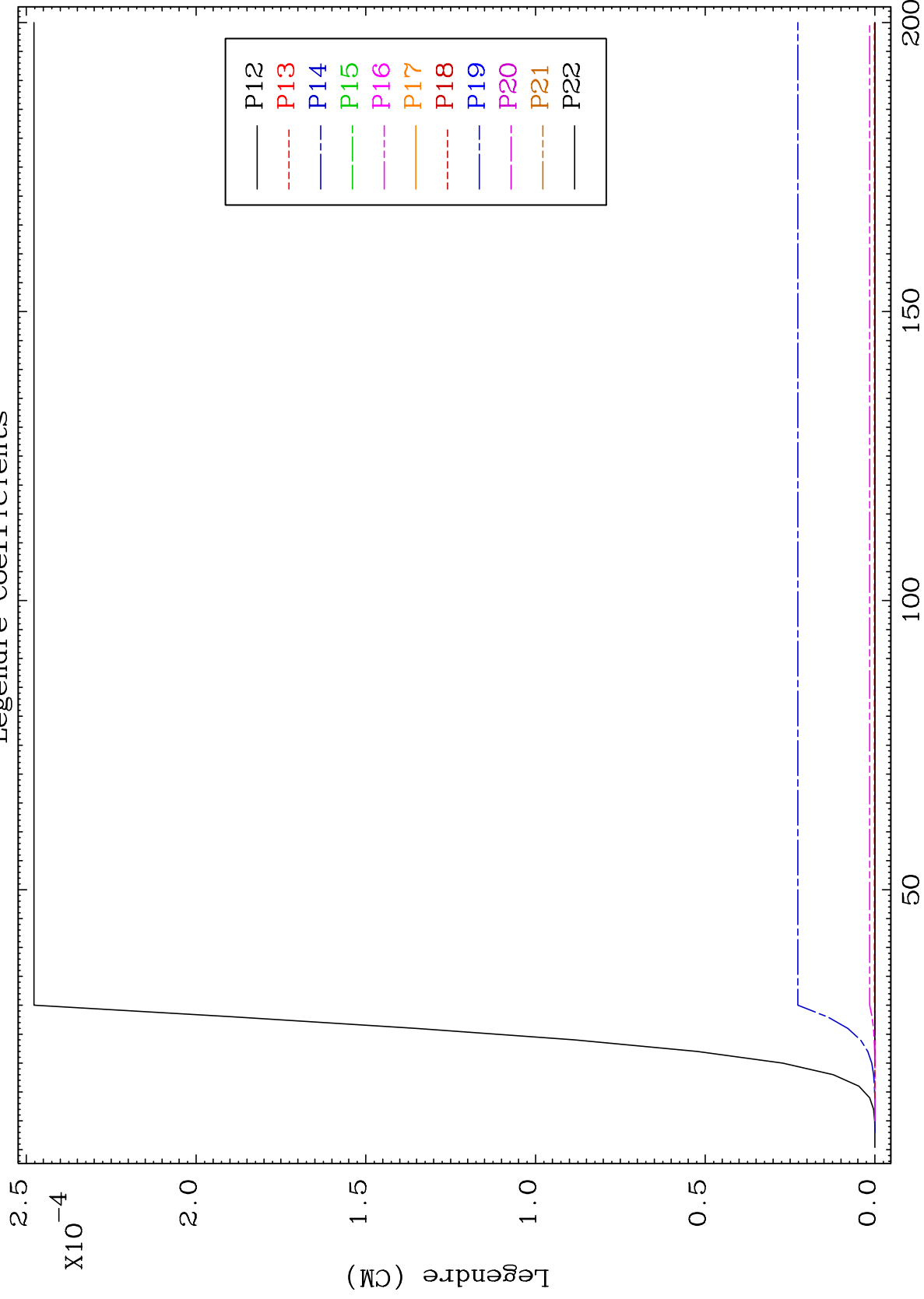
21-Sc-47

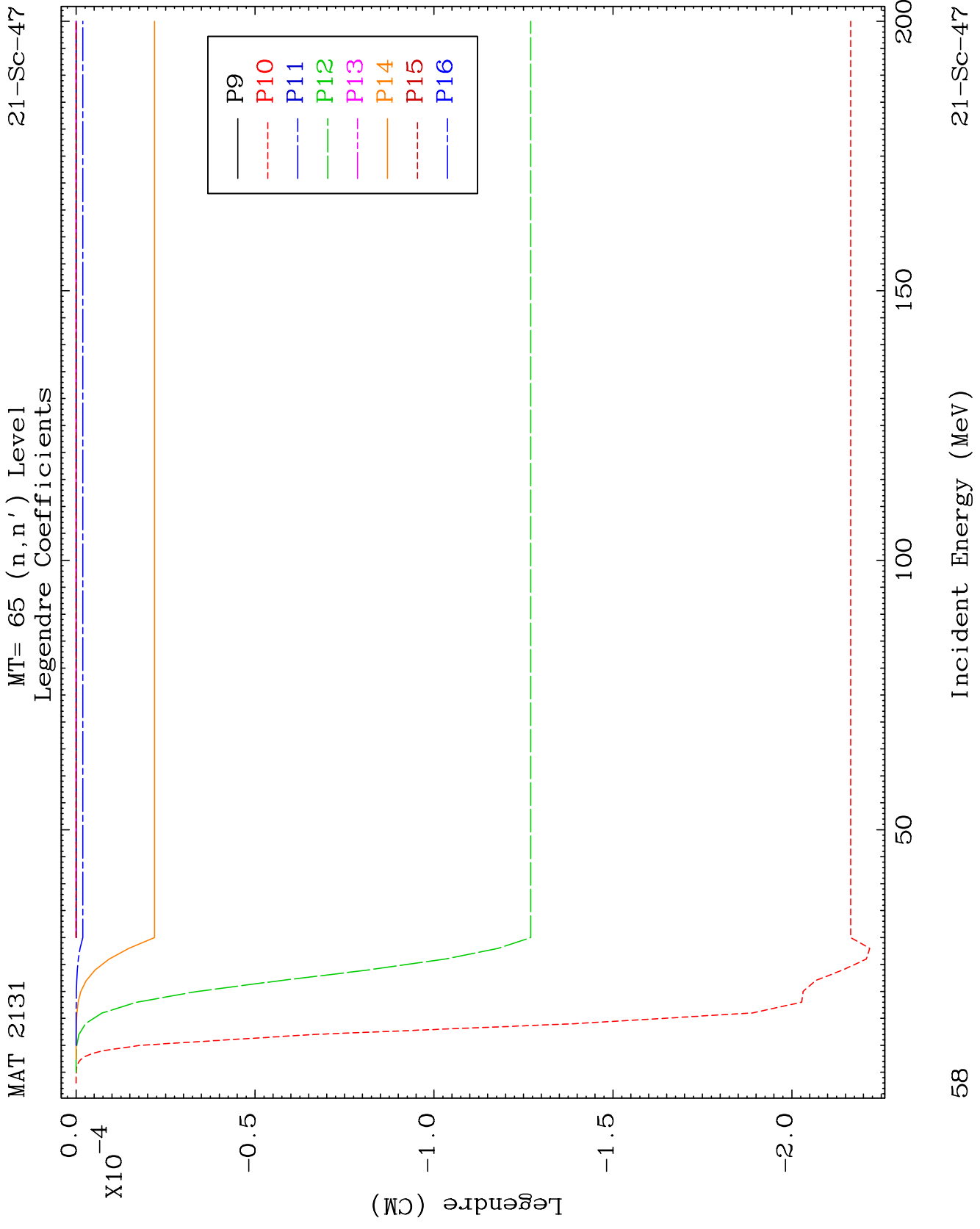


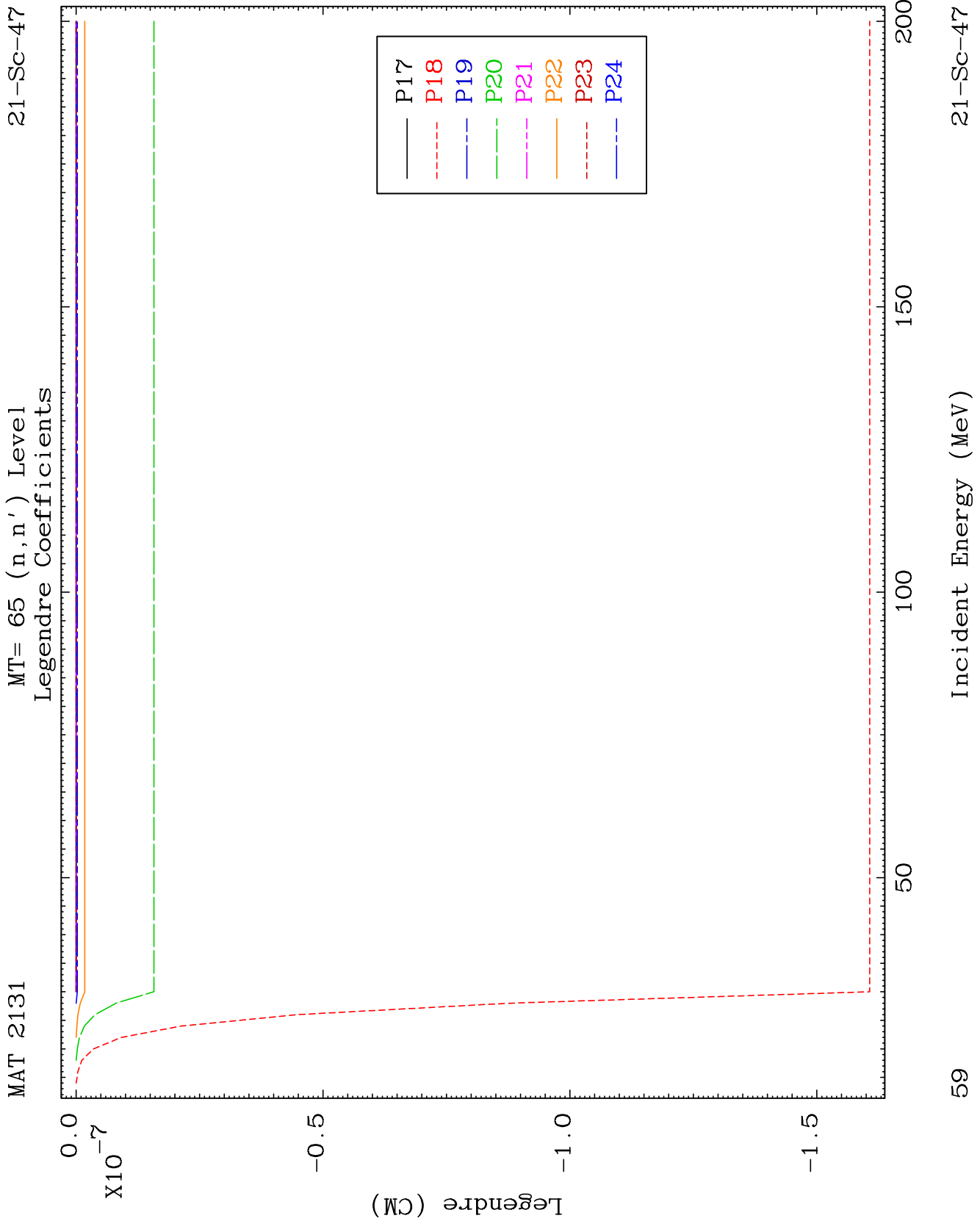


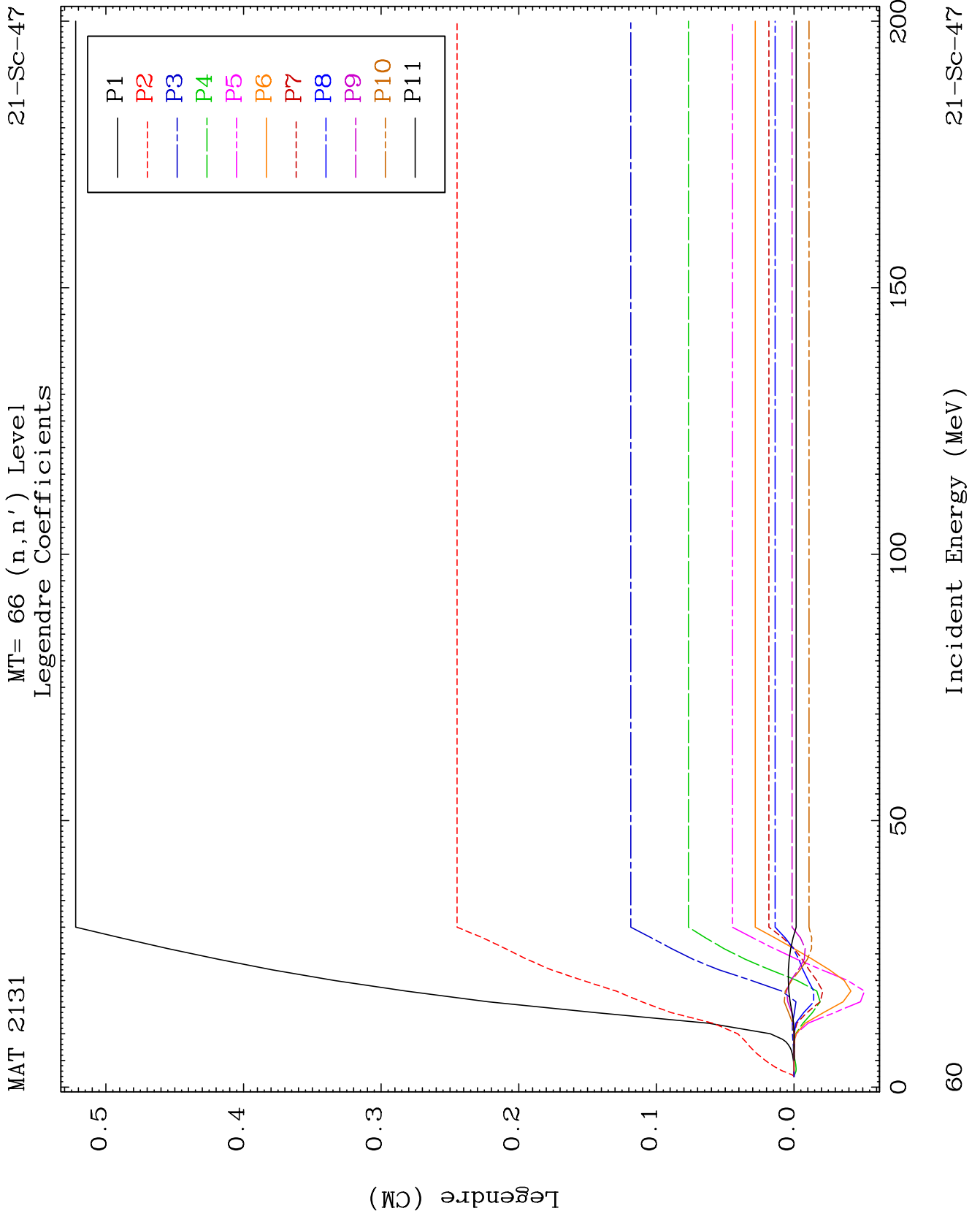








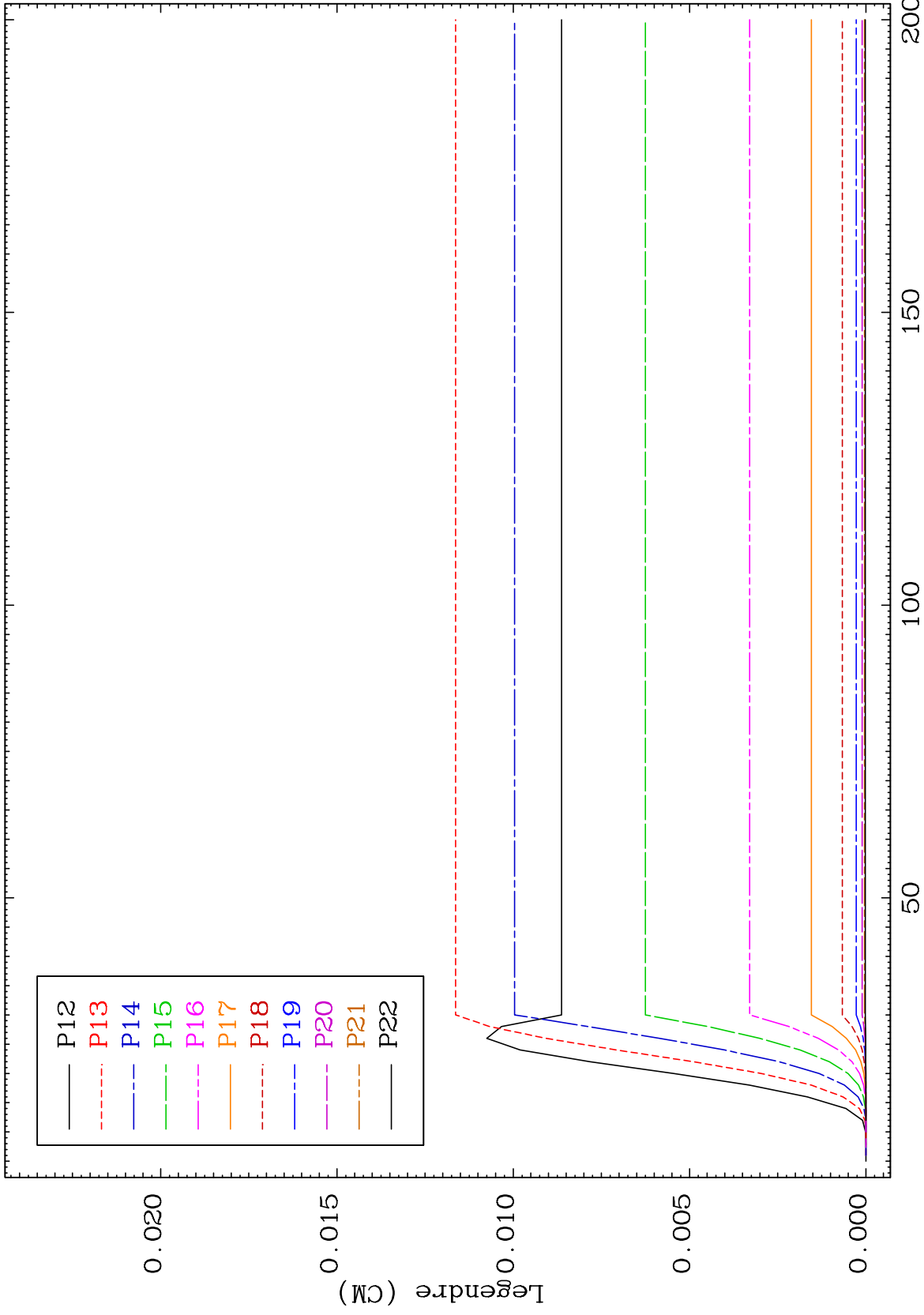




MAT 2131

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

21-Sc-47



61

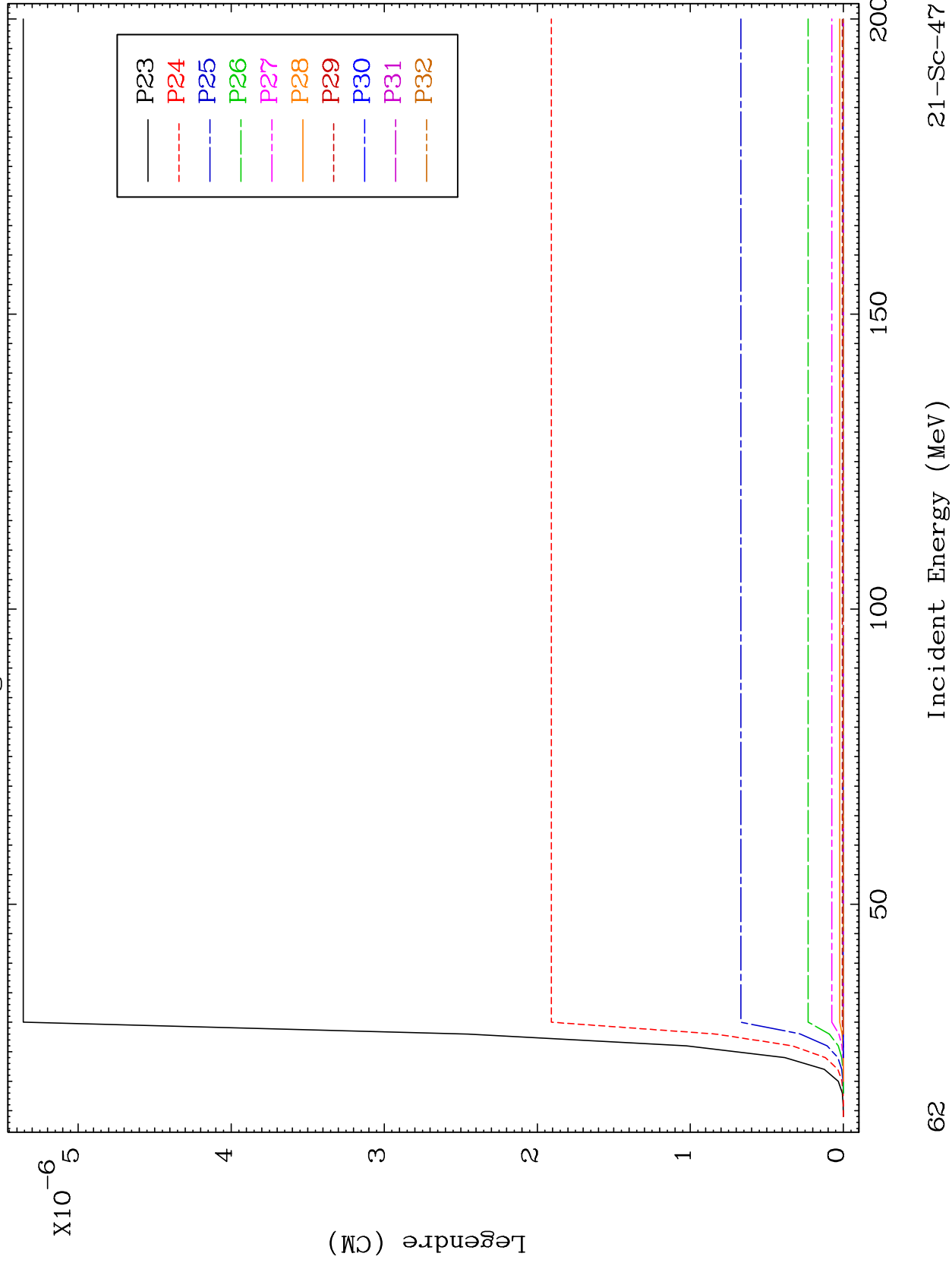
Incident Energy (MeV)

21-Sc-47

MAT 2131

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

21-Sc-47



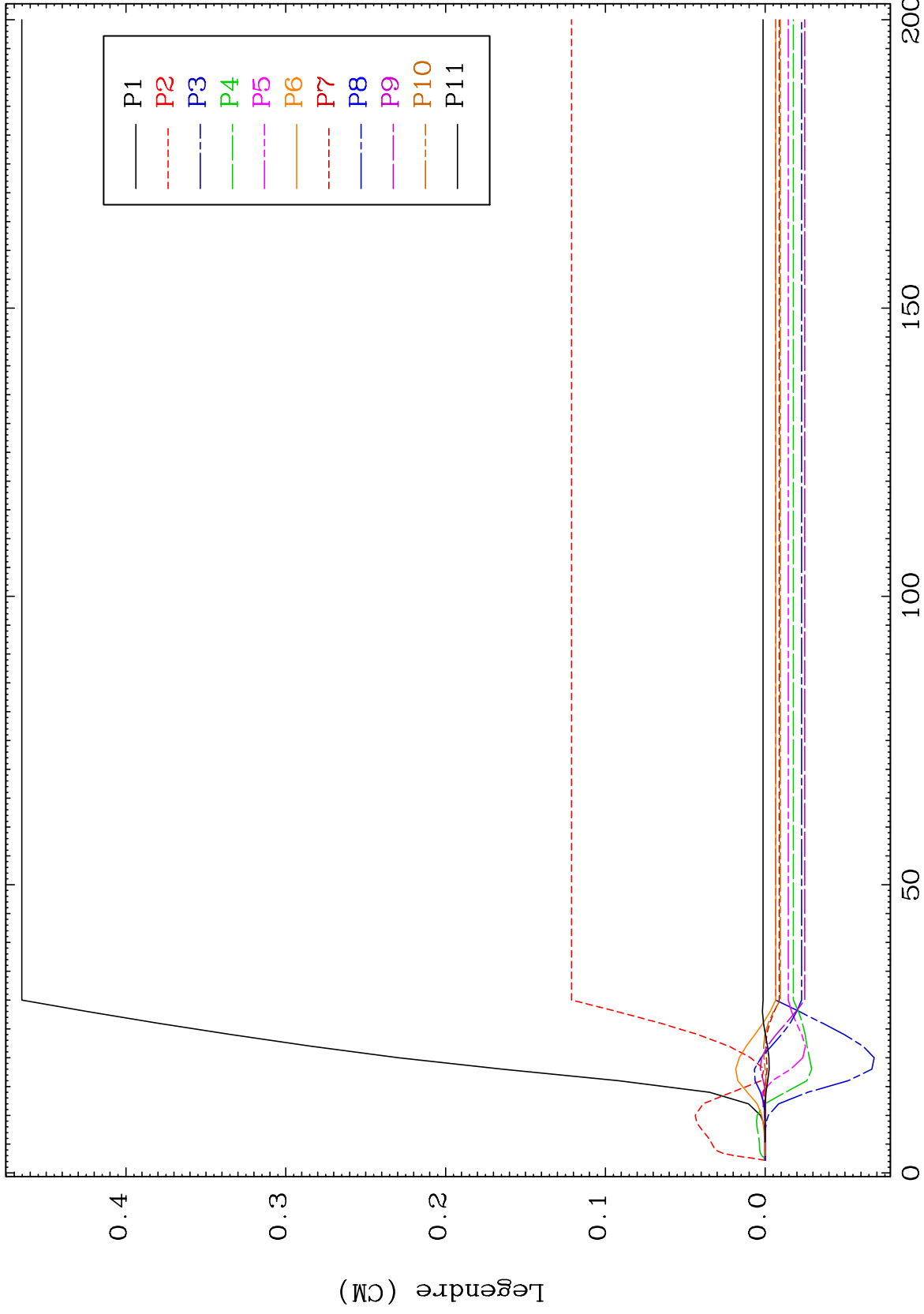
62

21-Sc-47

MAT 2131

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

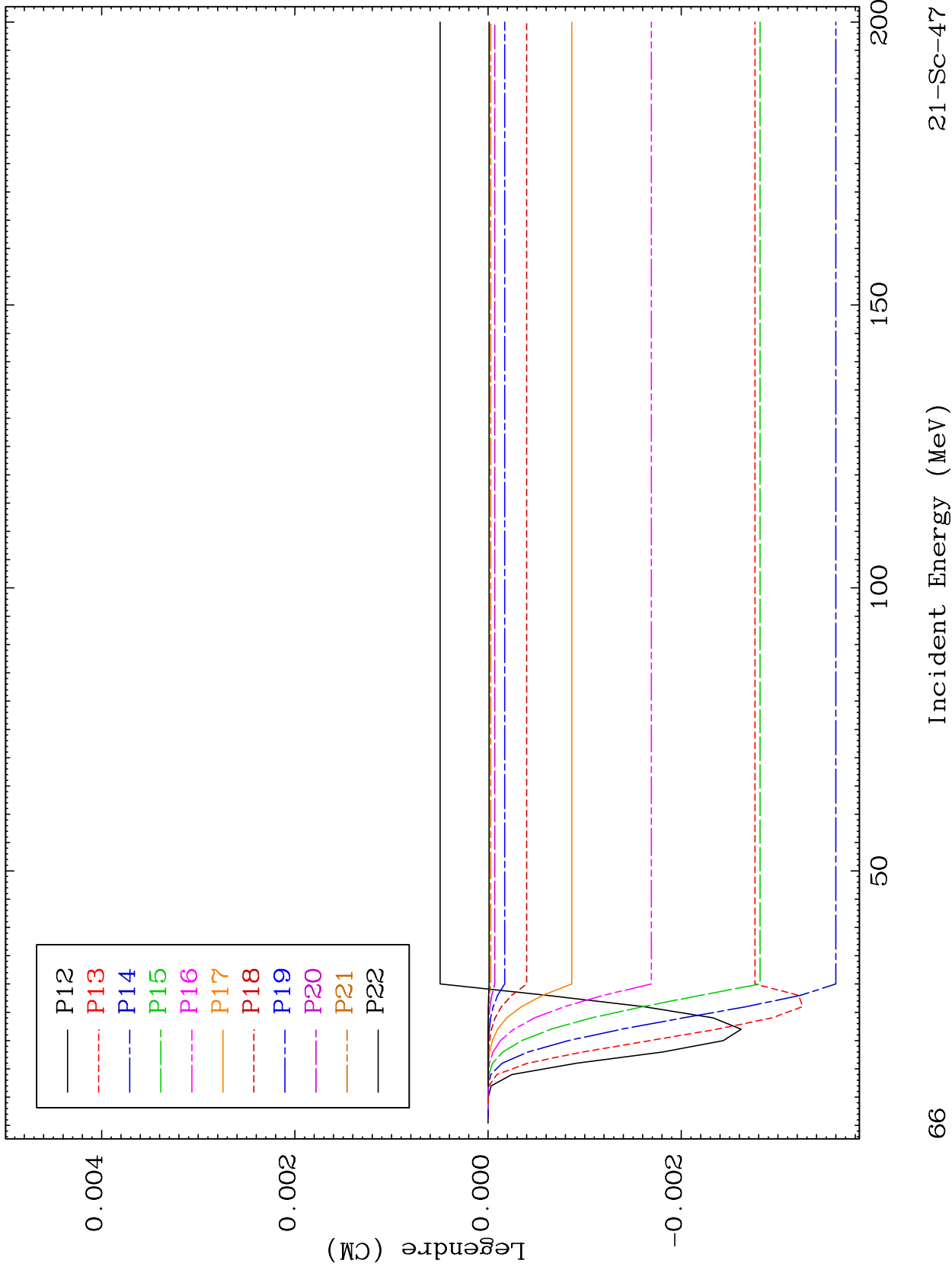
21-Sc-47

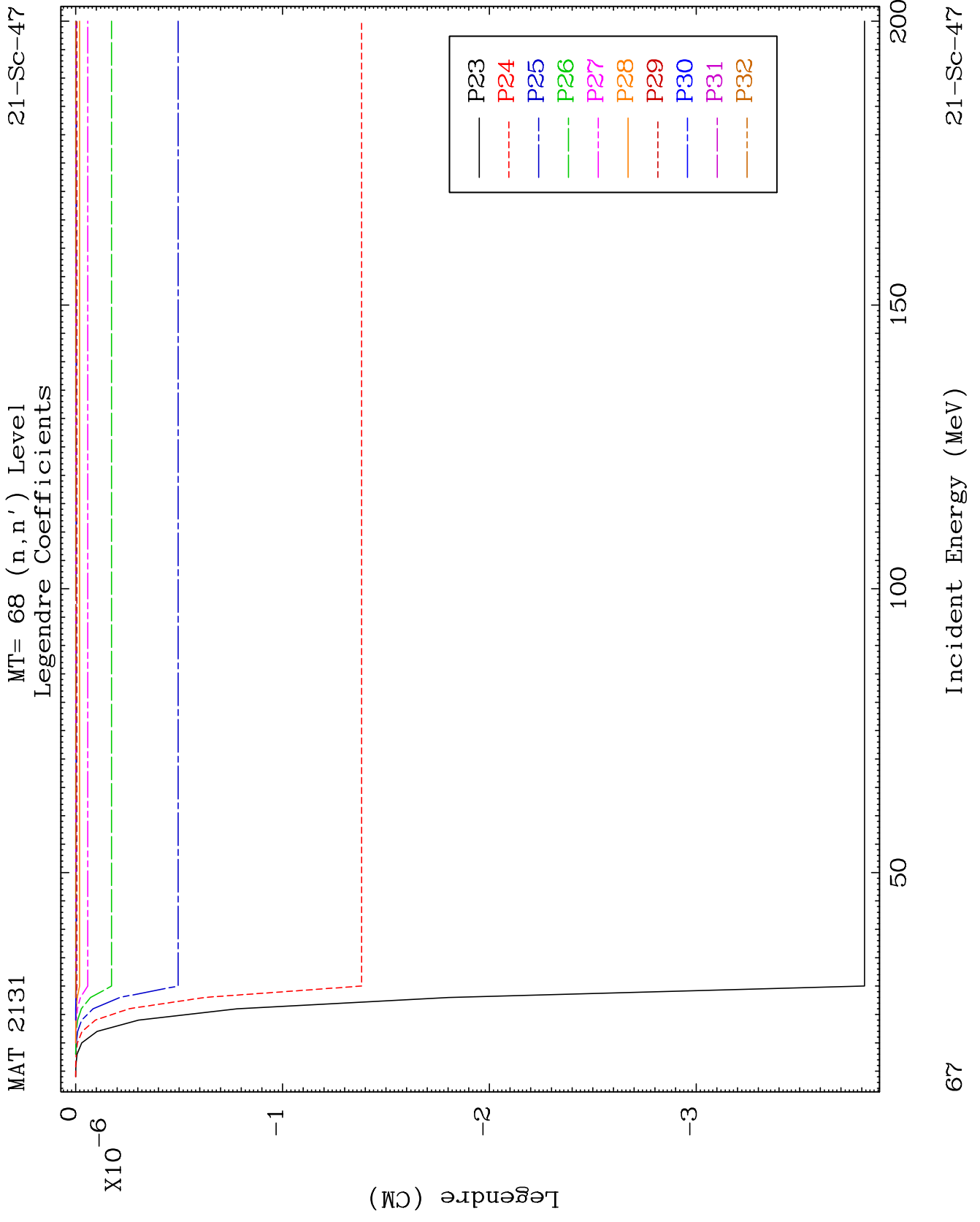


65

Incident Energy (MeV)

21-Sc-47

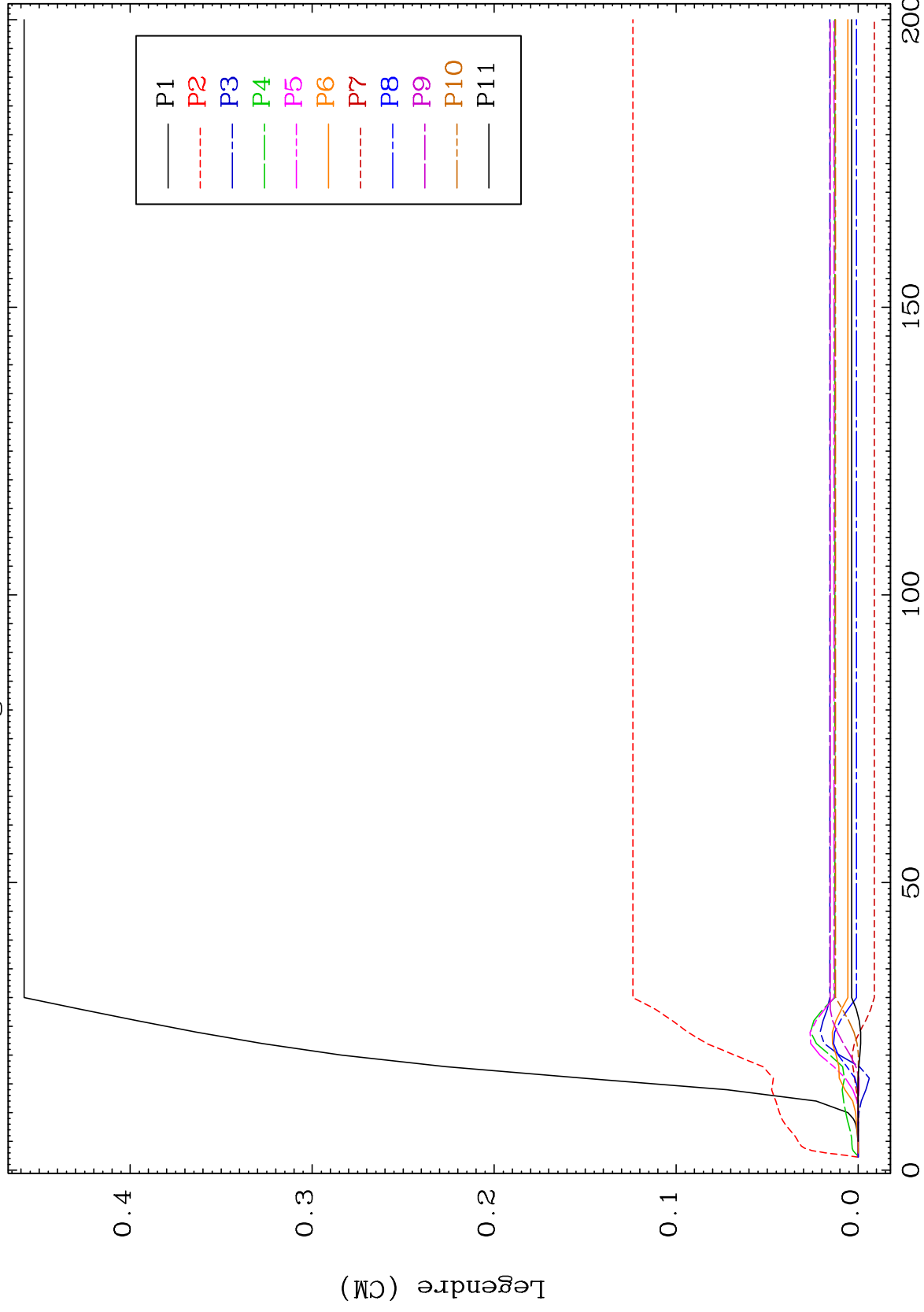




MAT 2131

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

21-Sc-47



68

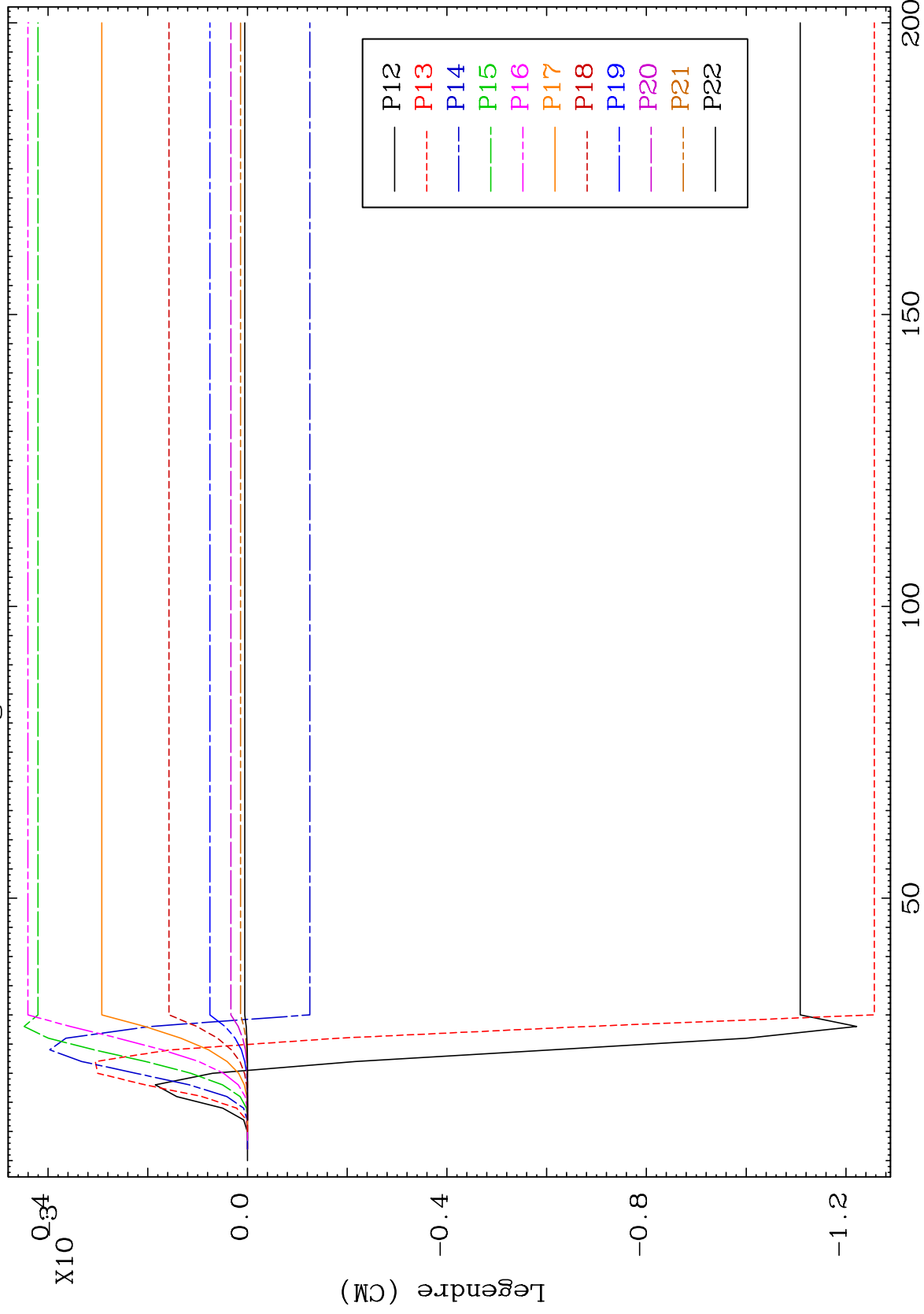
Incident Energy (MeV)

21-Sc-47

MAT 2131

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

21-Sc-47



69

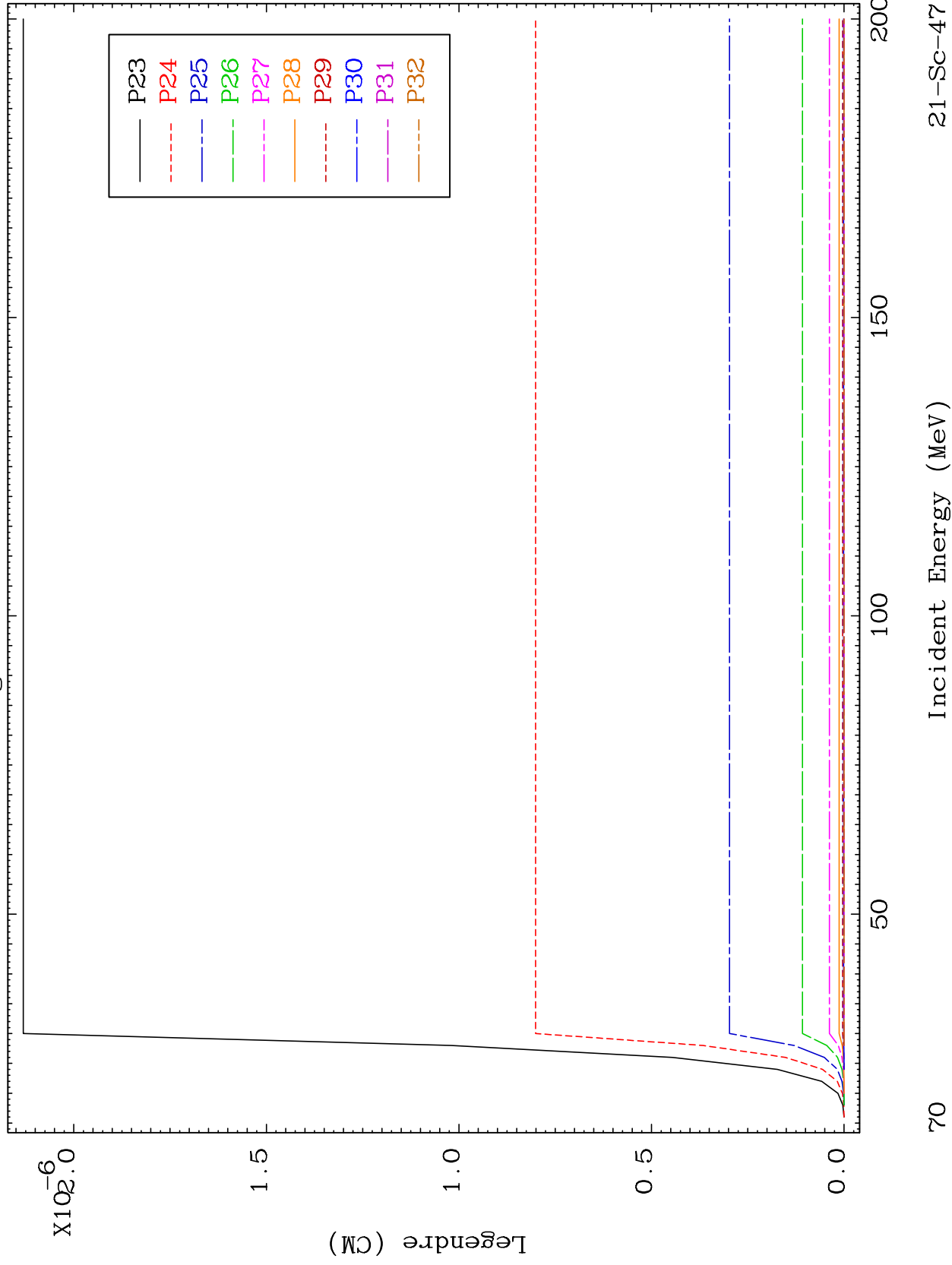
Incident Energy (MeV)

21-Sc-47

MAT 2131

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

21-Sc-47



21-Sc-47

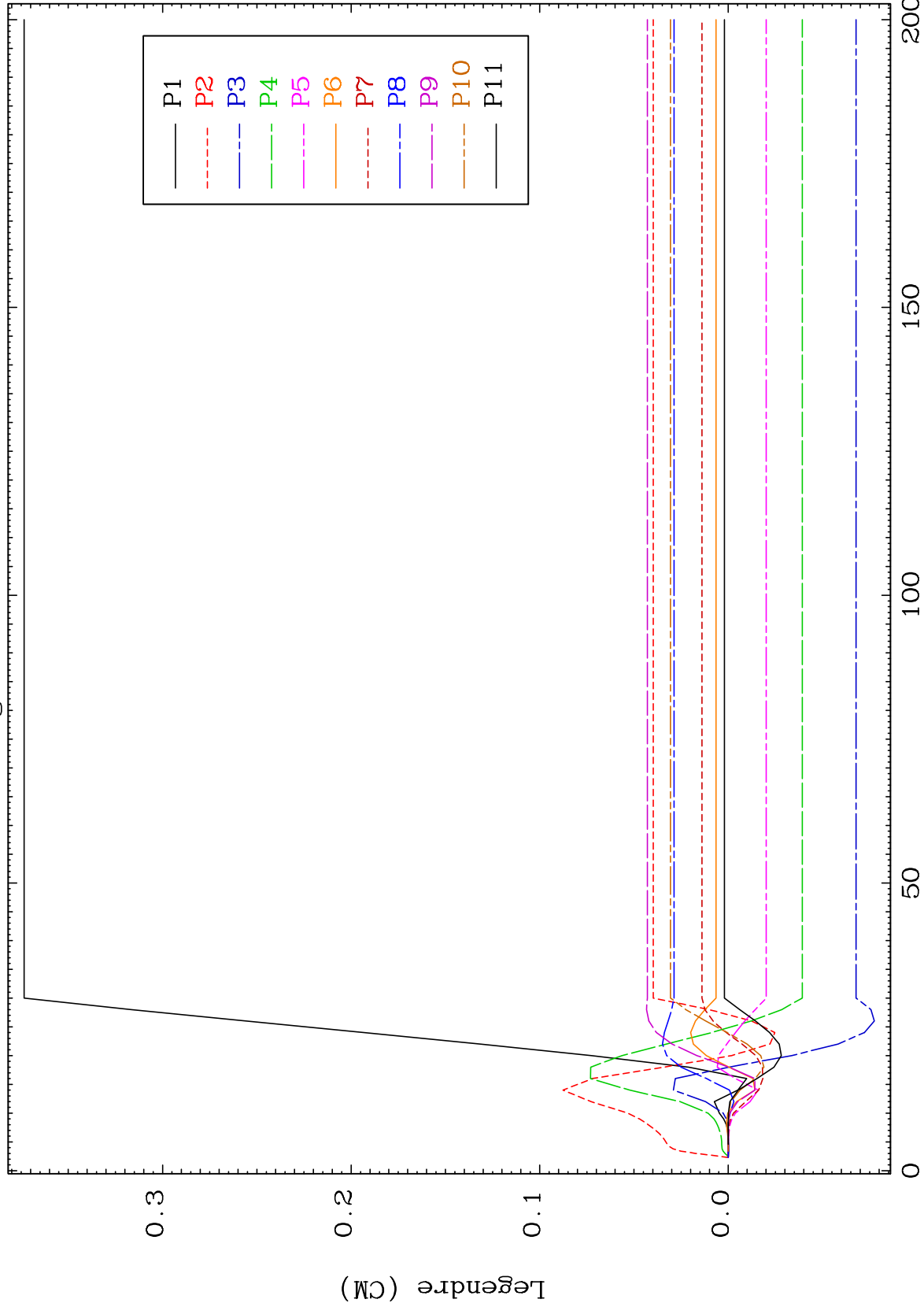
Incident Energy (MeV)

70

MAT 2131

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

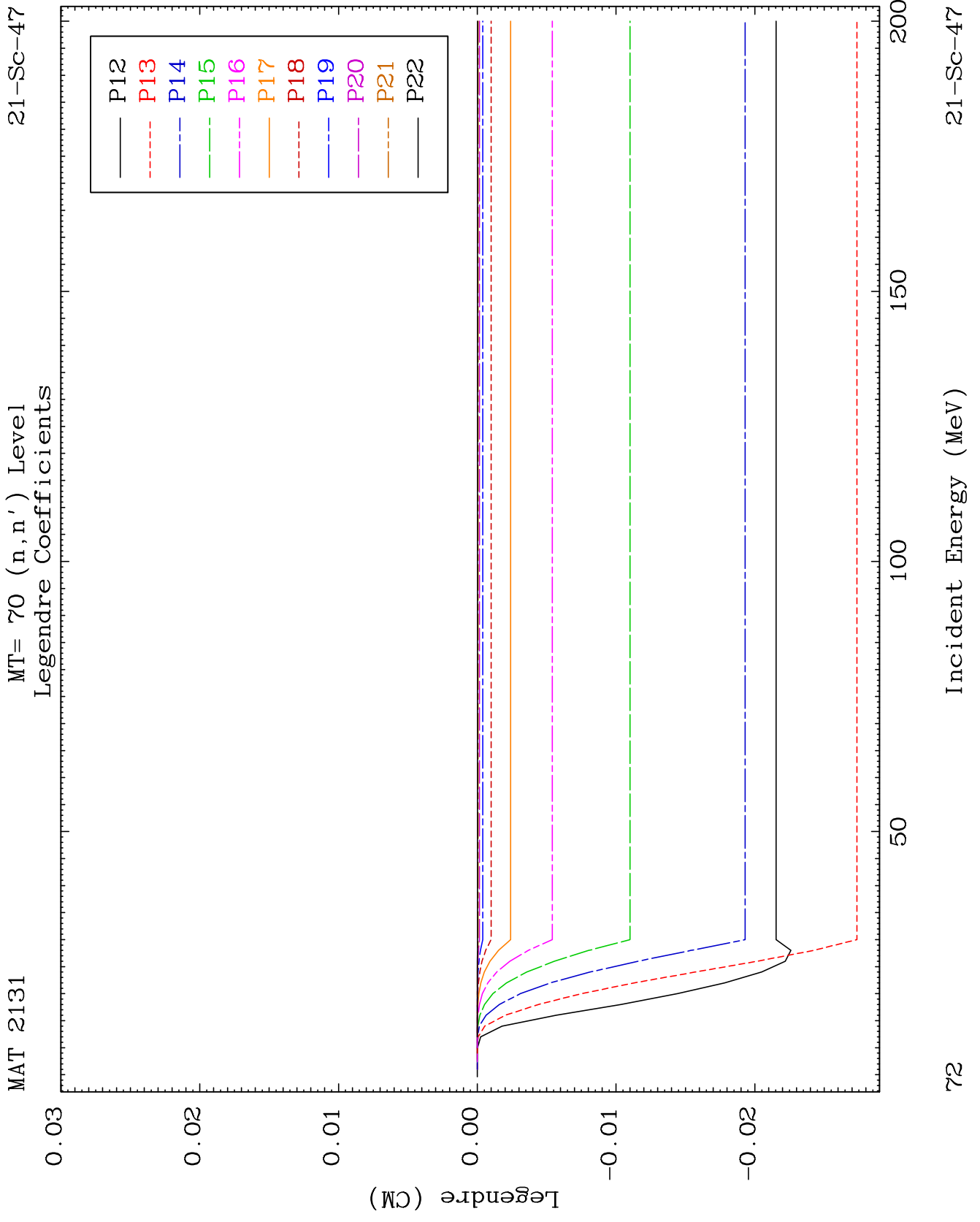
21-Sc-47

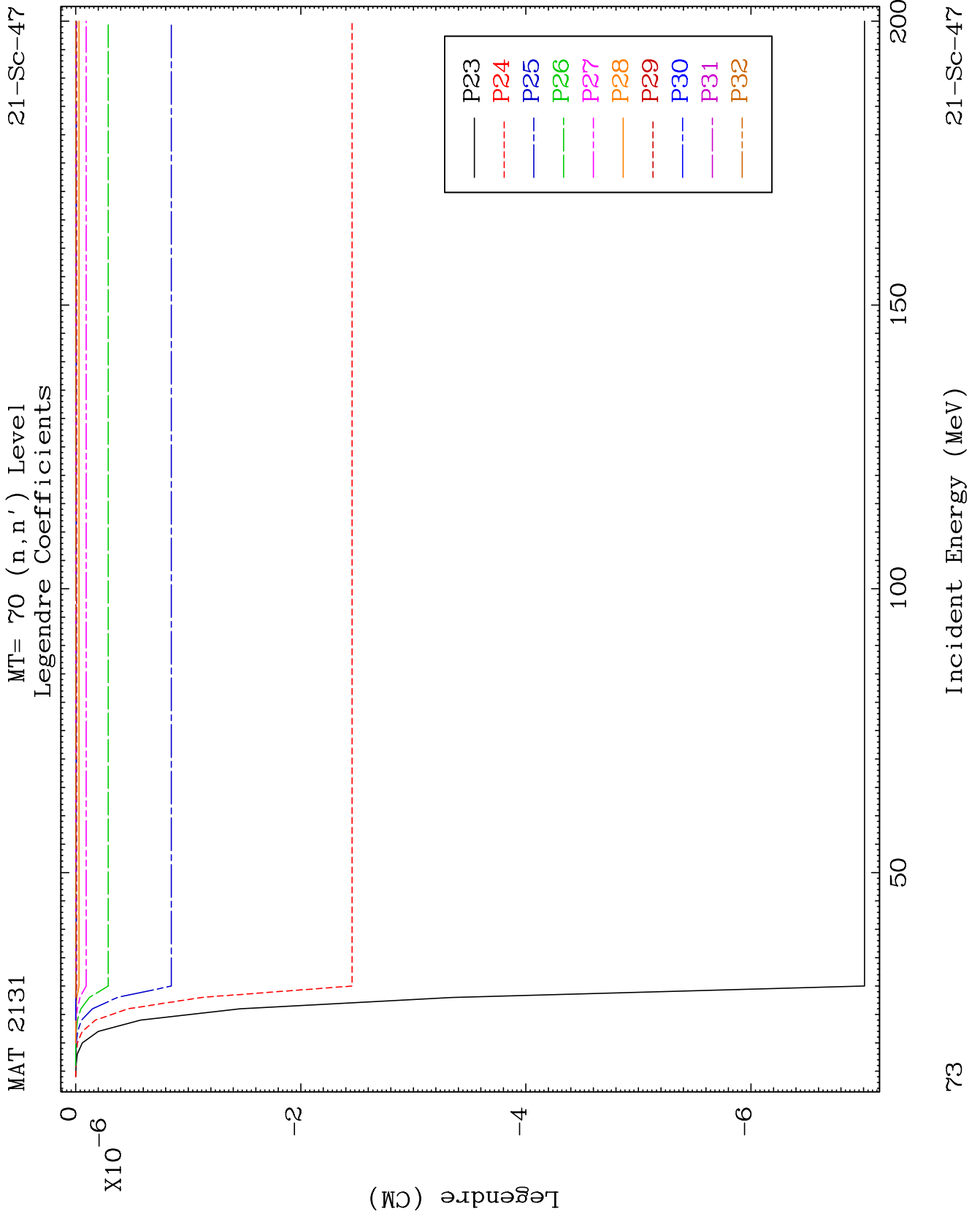


71

Incident Energy (MeV)

21-Sc-47

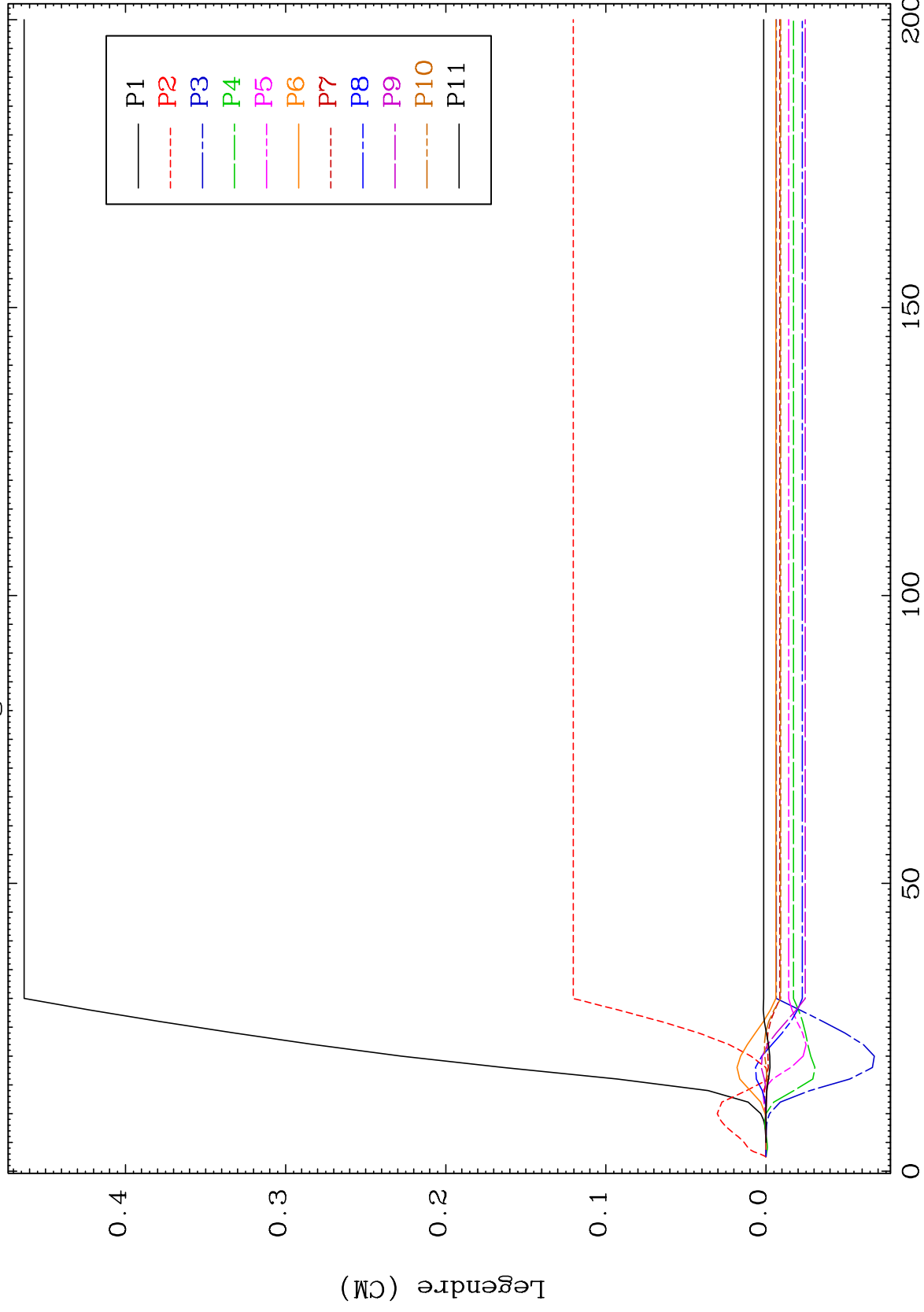




MAT 2131

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

21-Sc-47



74

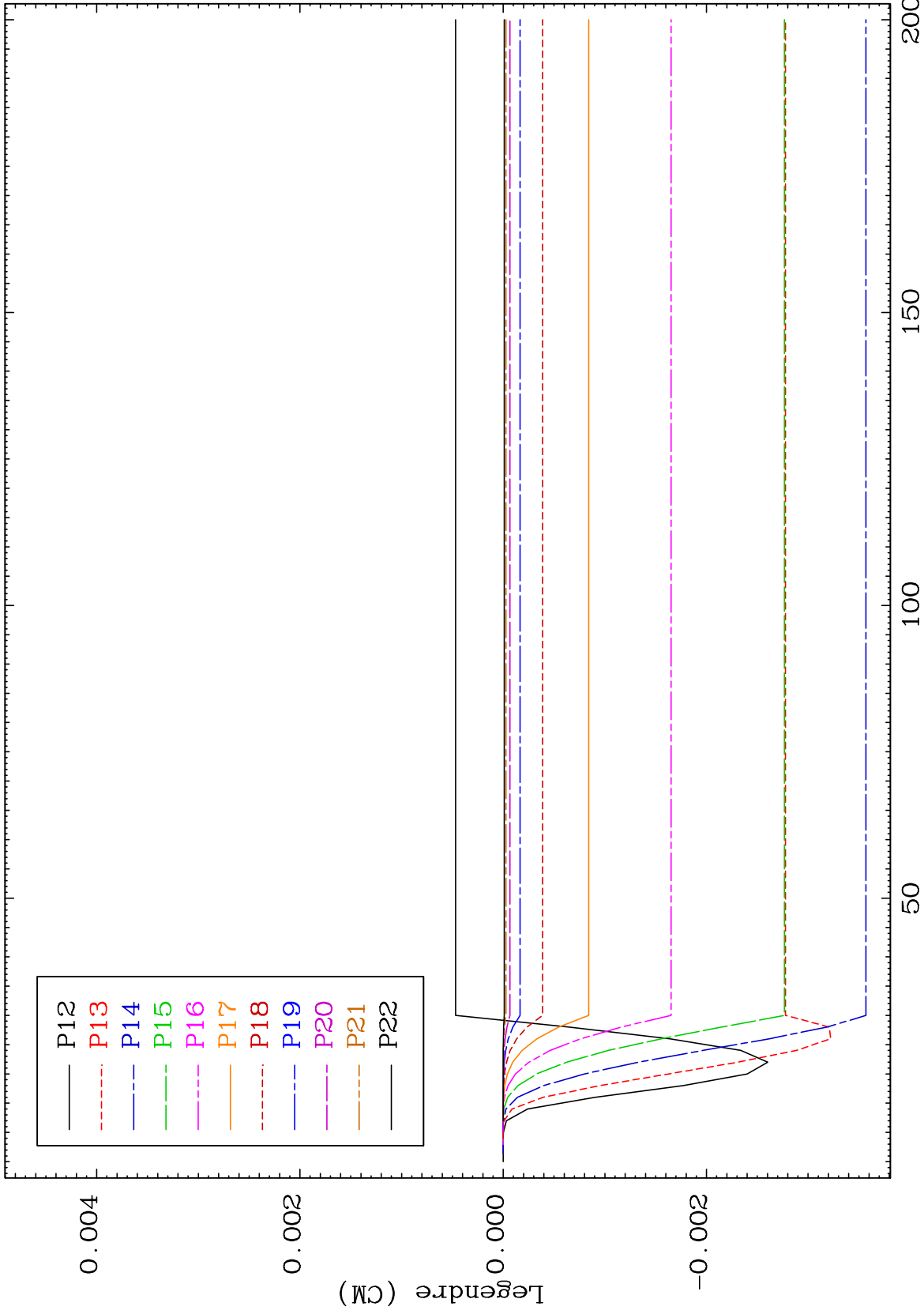
Incident Energy (MeV)

21-Sc-47

MAT 2131

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

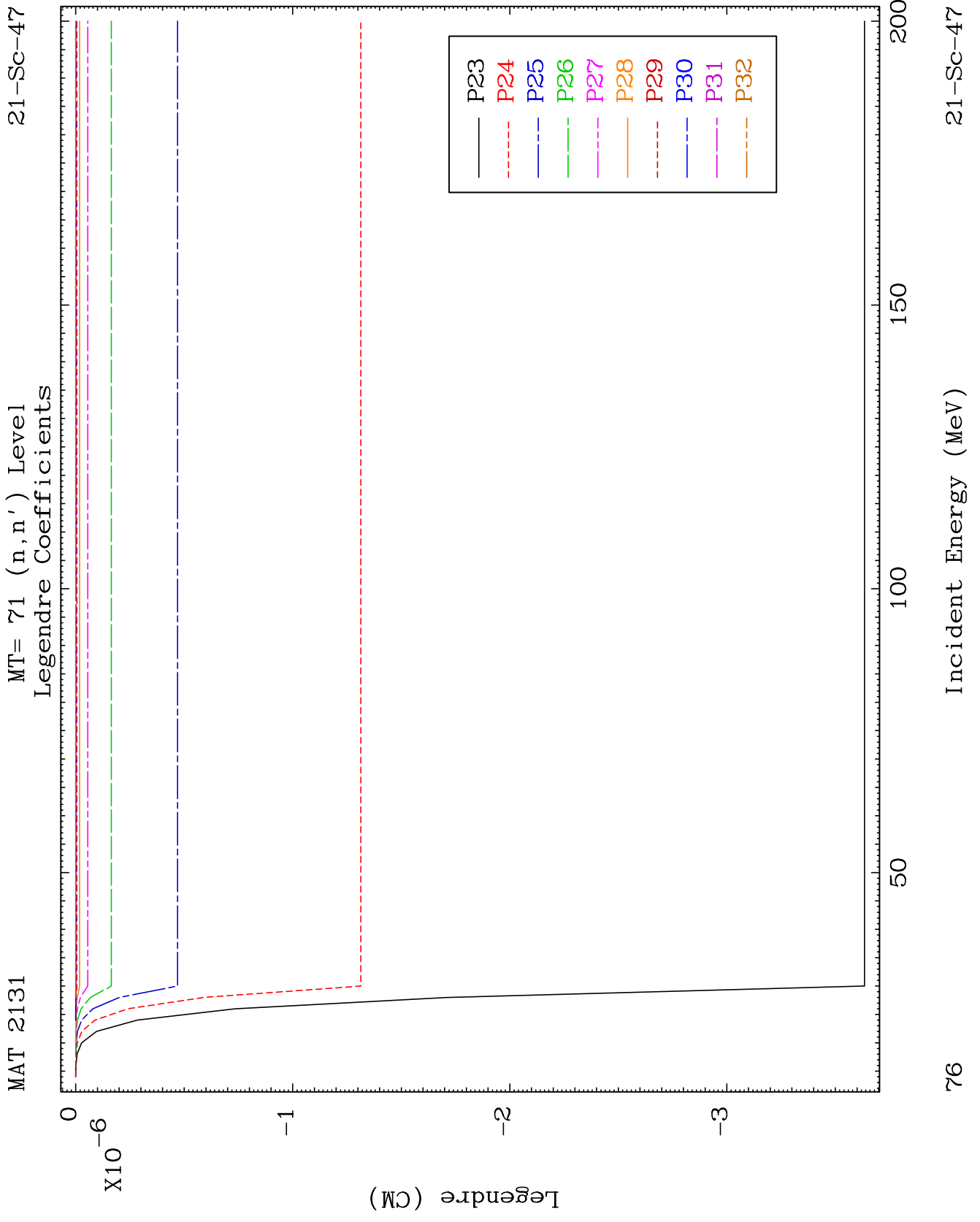
21-Sc-47



75

Incident Energy (MeV)

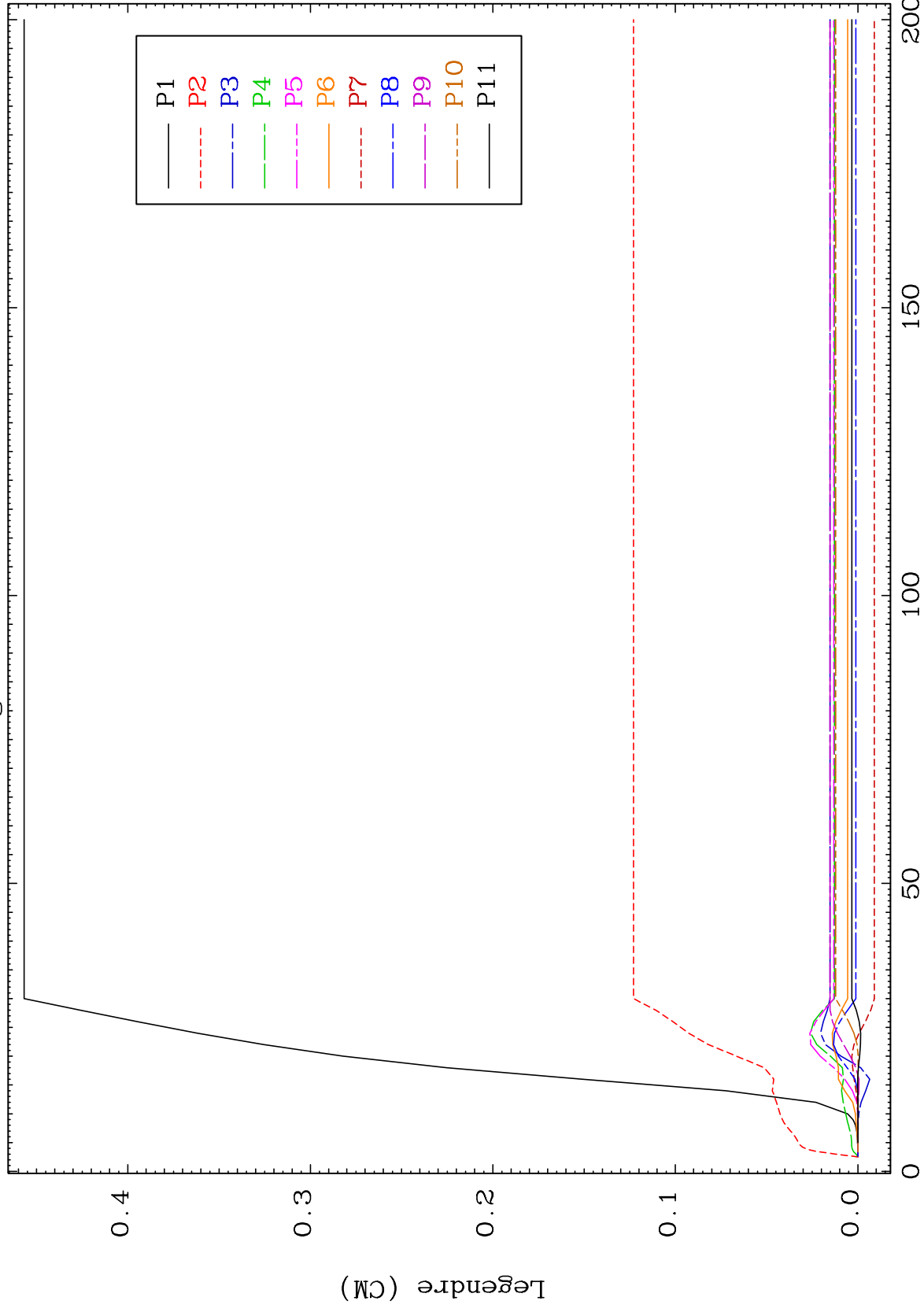
21-Sc-47



MAT 2131

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

21-Sc-47



77

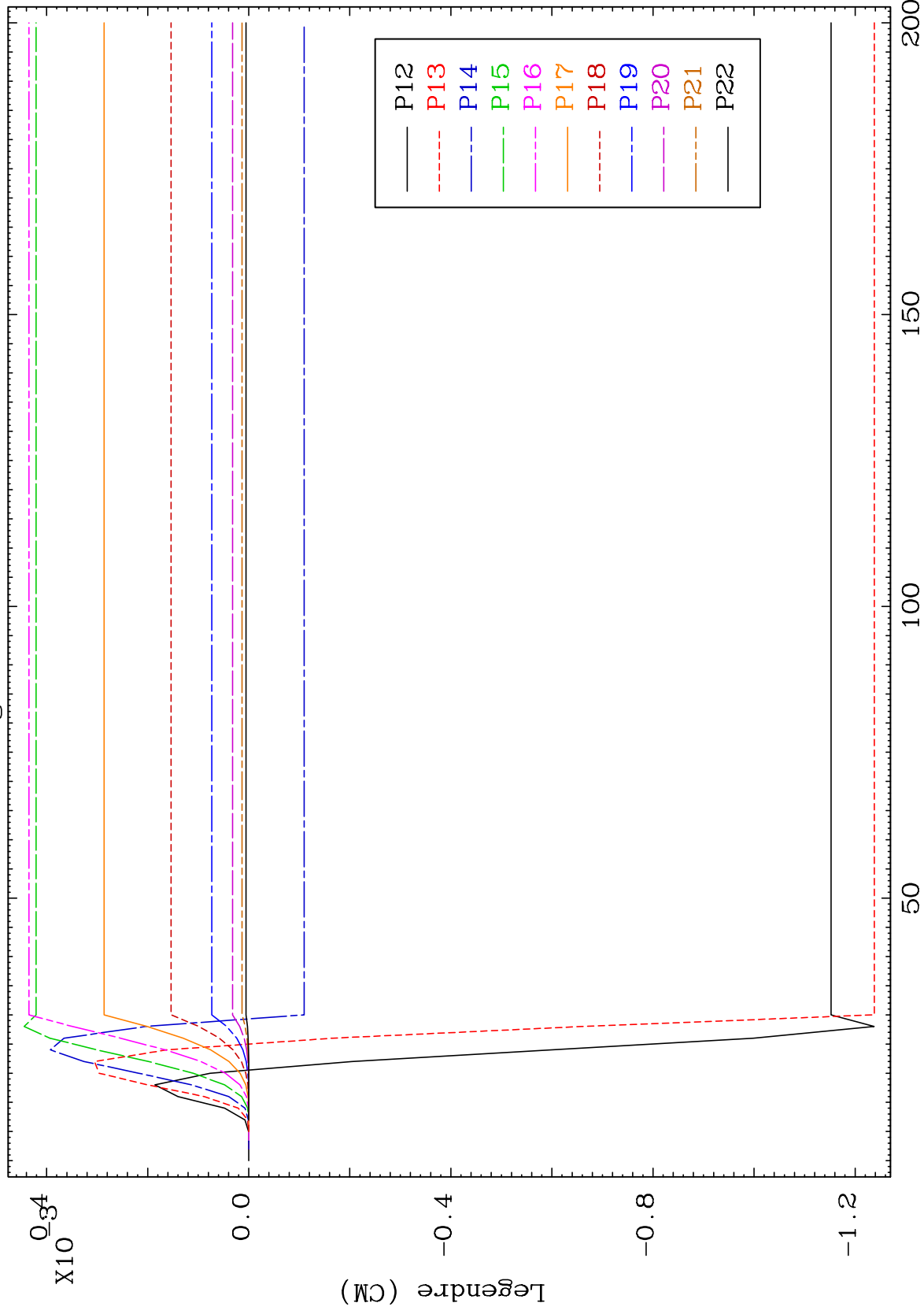
Incident Energy (MeV)

21-Sc-47

MAT 2131

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

21-Sc-47



78

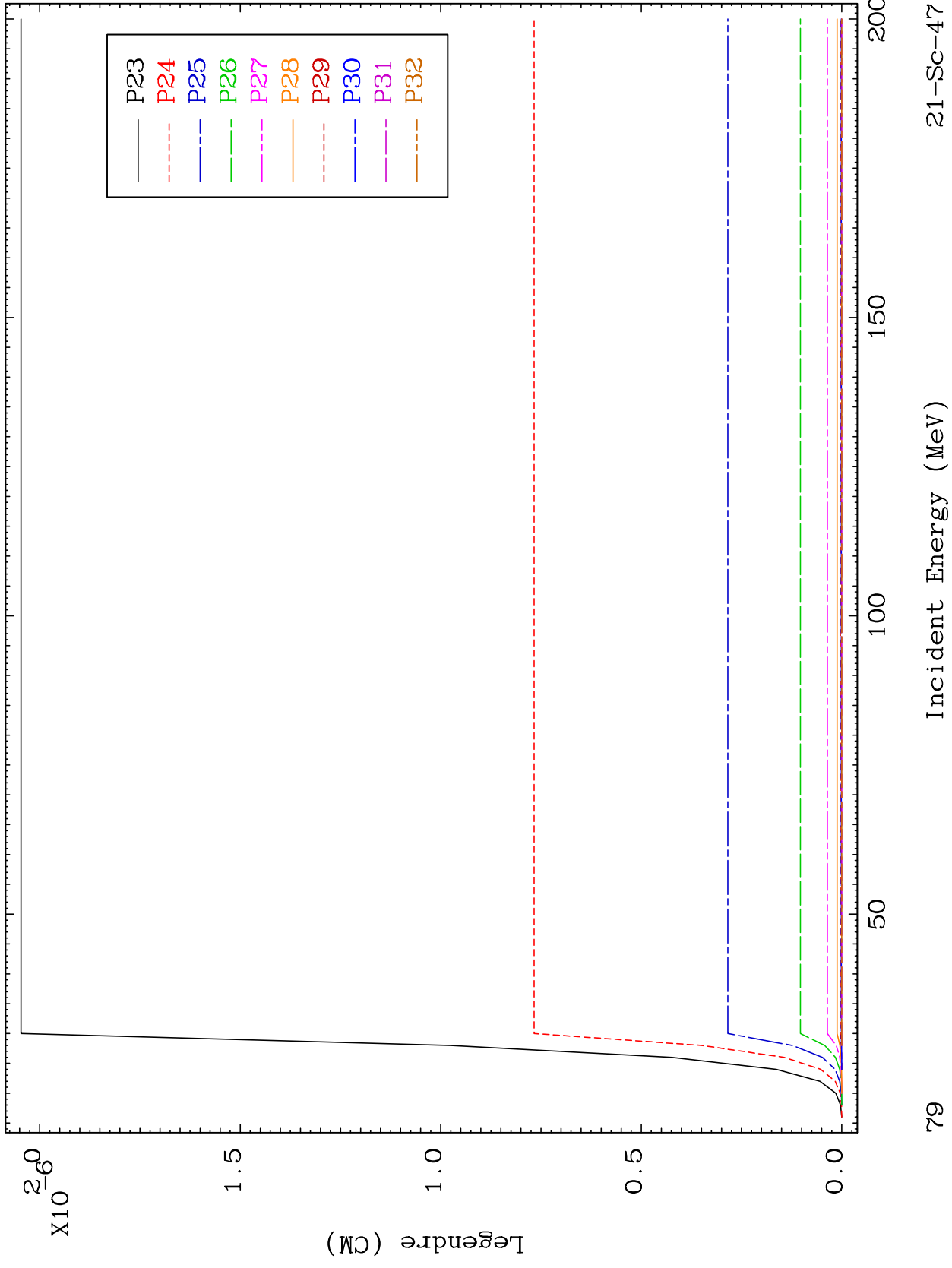
Incident Energy (MeV)

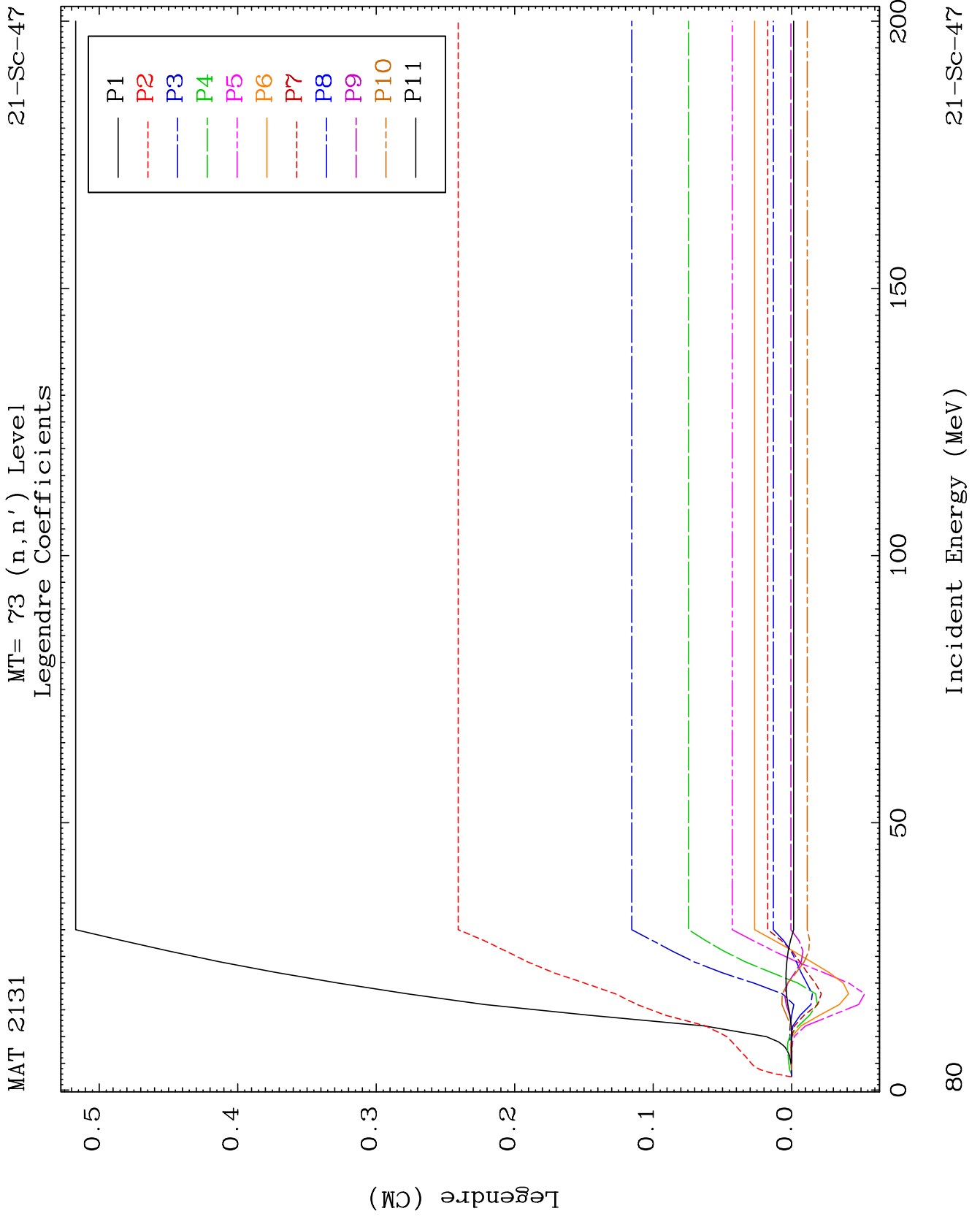
21-Sc-47

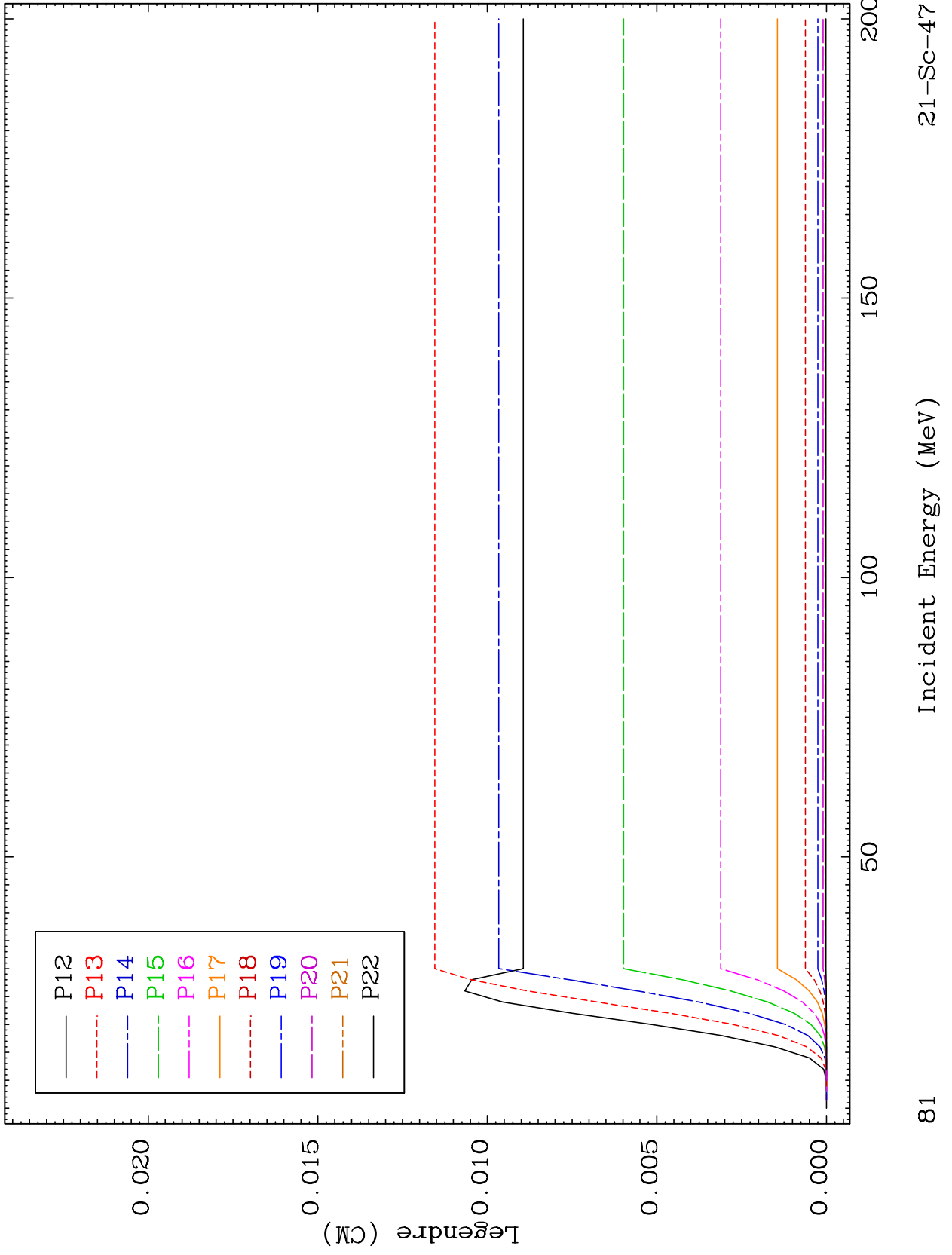
MAT 2131

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

21-Sc-47



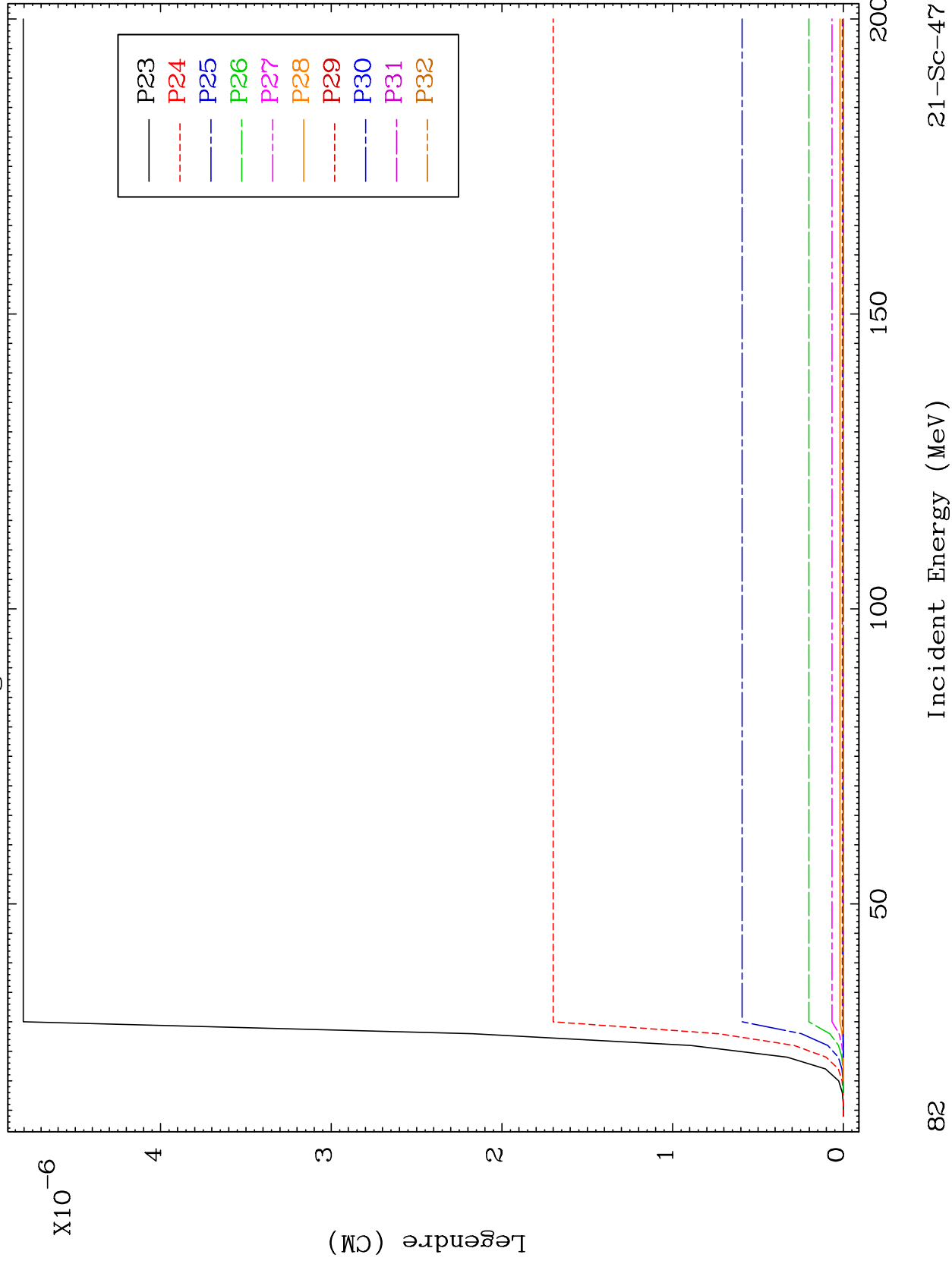




MAT 2131

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

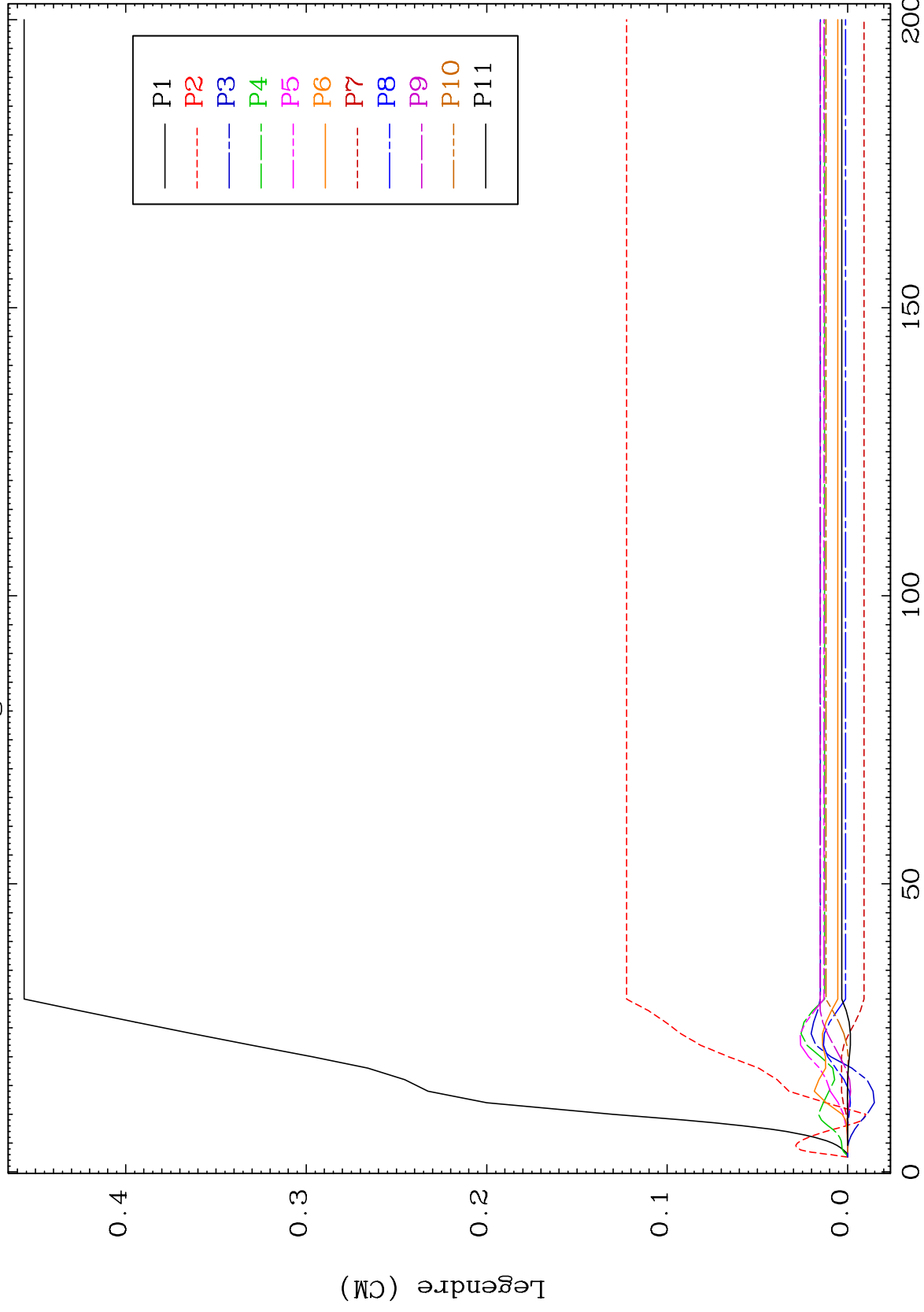
21-Sc-47



MAT 2131

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

21-Sc-47



83

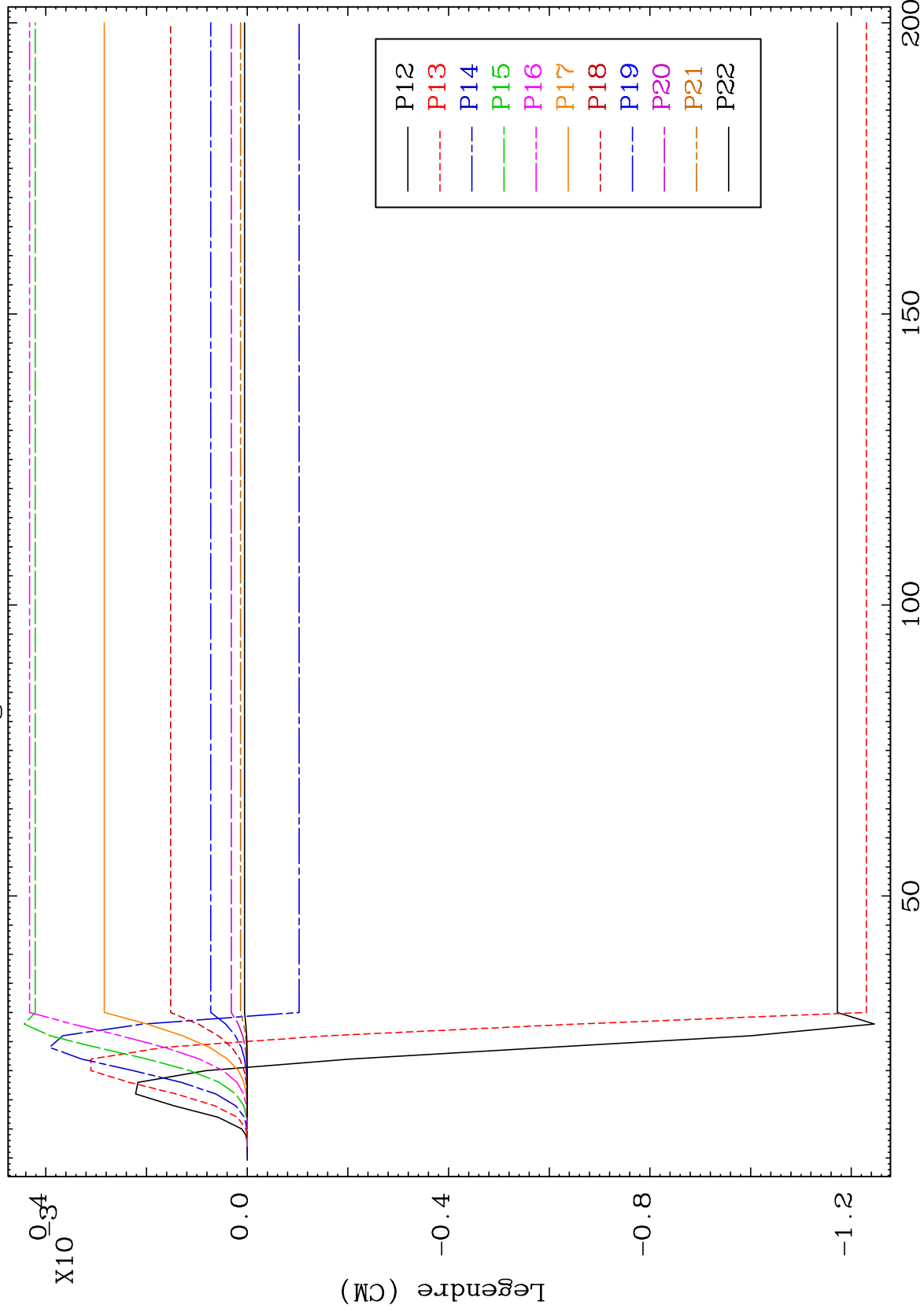
Incident Energy (MeV)

21-Sc-47

MAT 2131

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

21-Sc-47



84

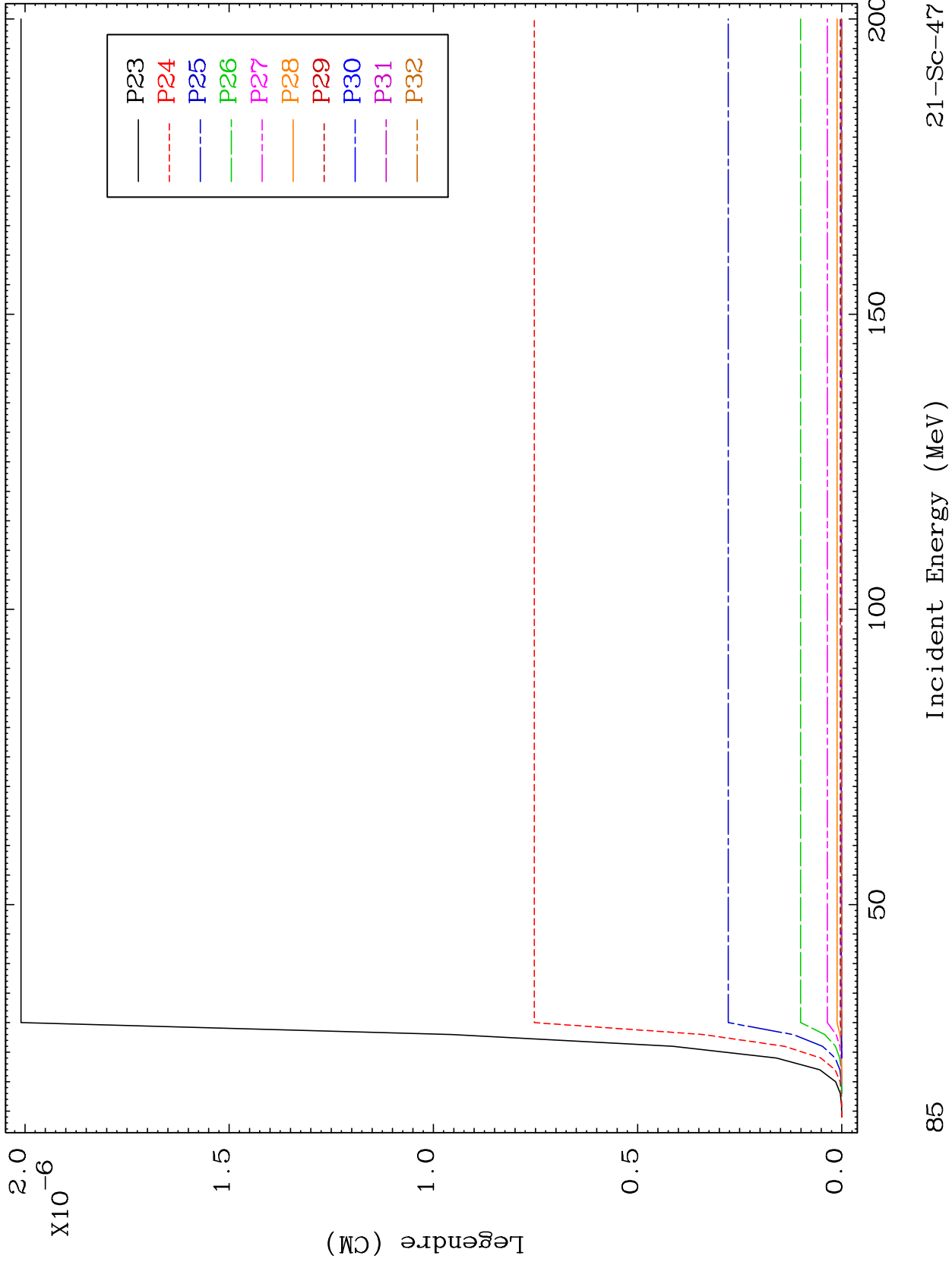
Incident Energy (MeV)

21-Sc-47

MAT 2131

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

21-Sc-47



85

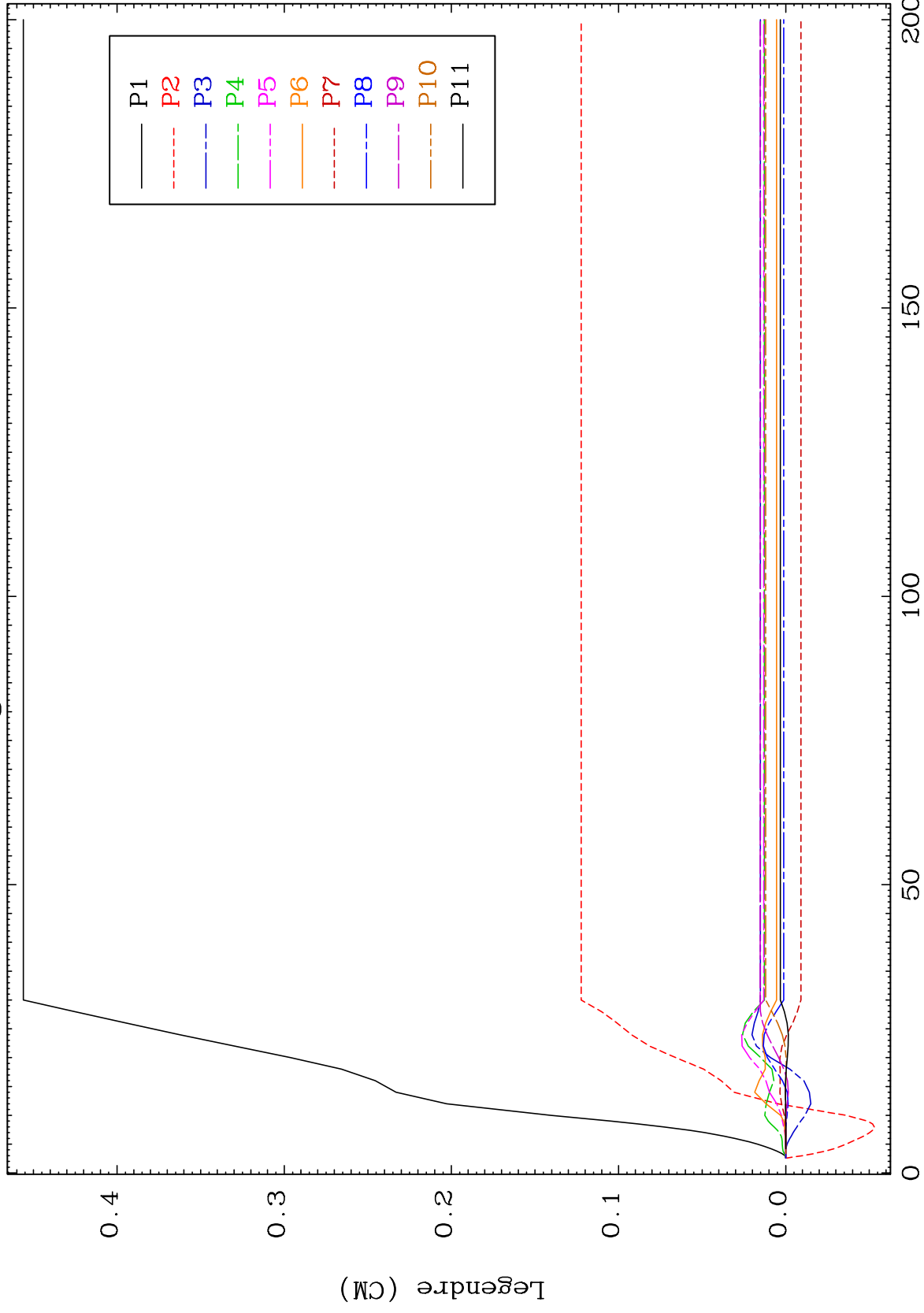
Incident Energy (MeV)

21-Sc-47

MAT 2131

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

21-Sc-47



86

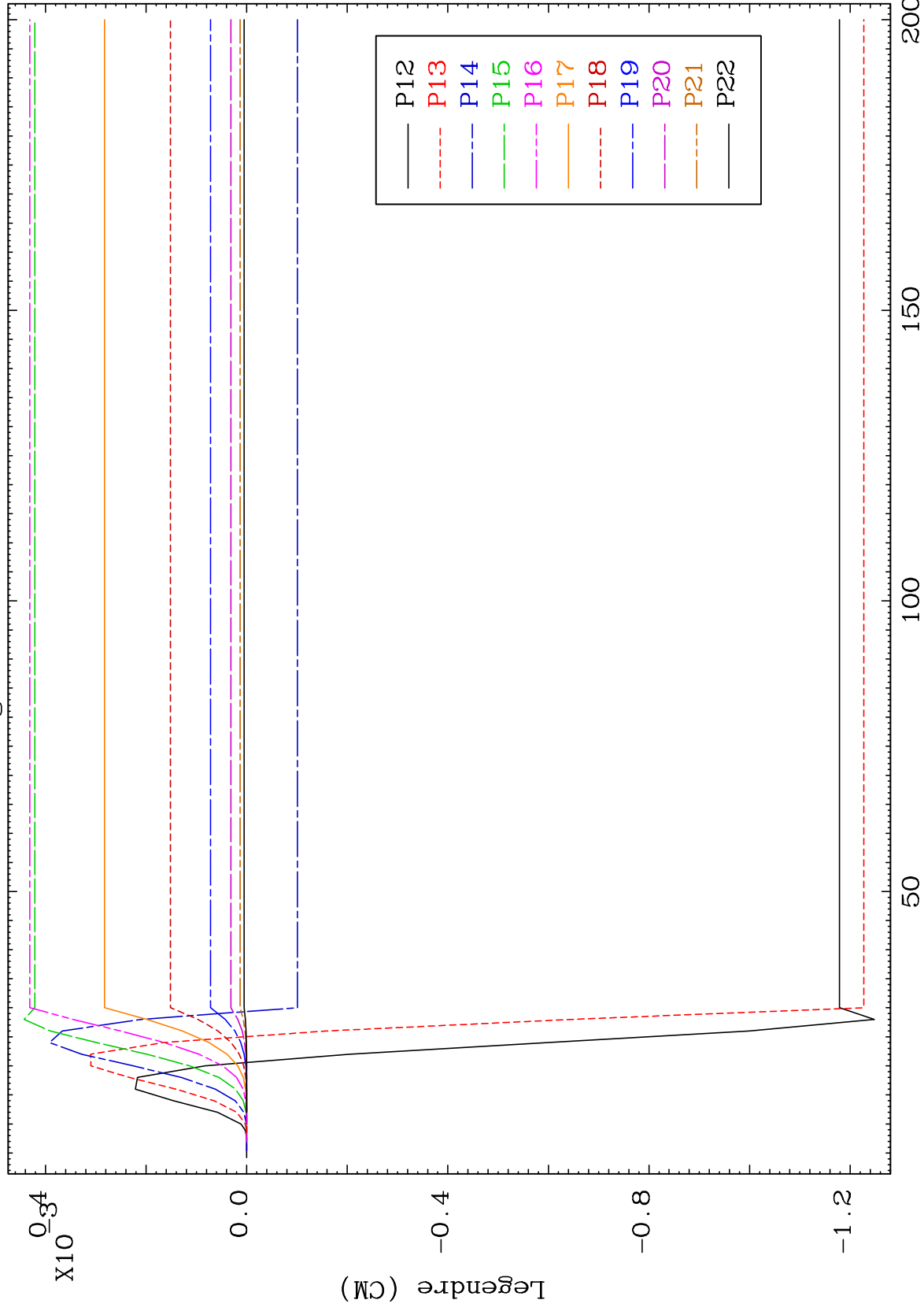
Incident Energy (MeV)

21-Sc-47

MAT 2131

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

21-Sc-47



87

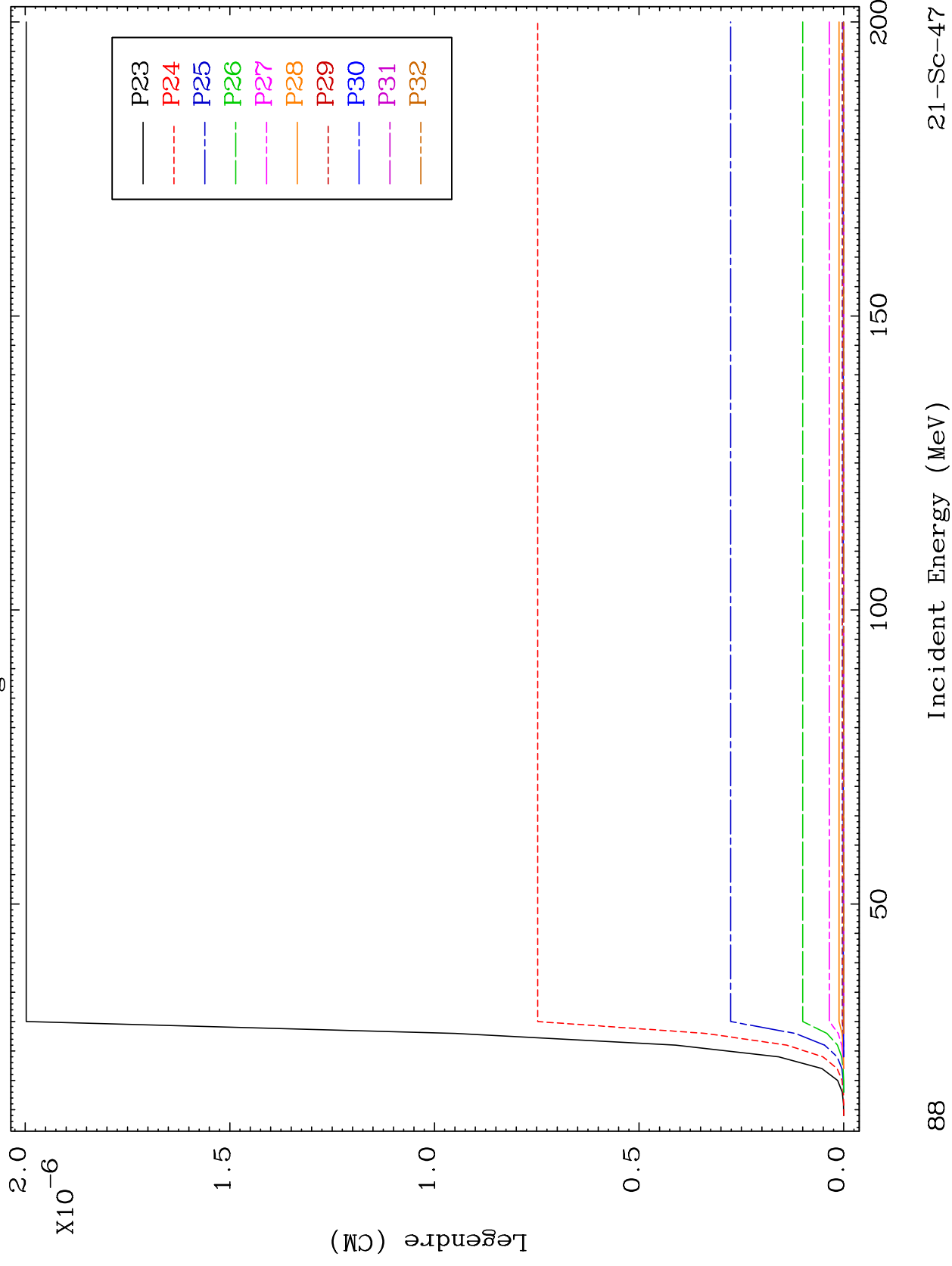
Incident Energy (MeV)

21-Sc-47

MAT 2131

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

21-Sc-47



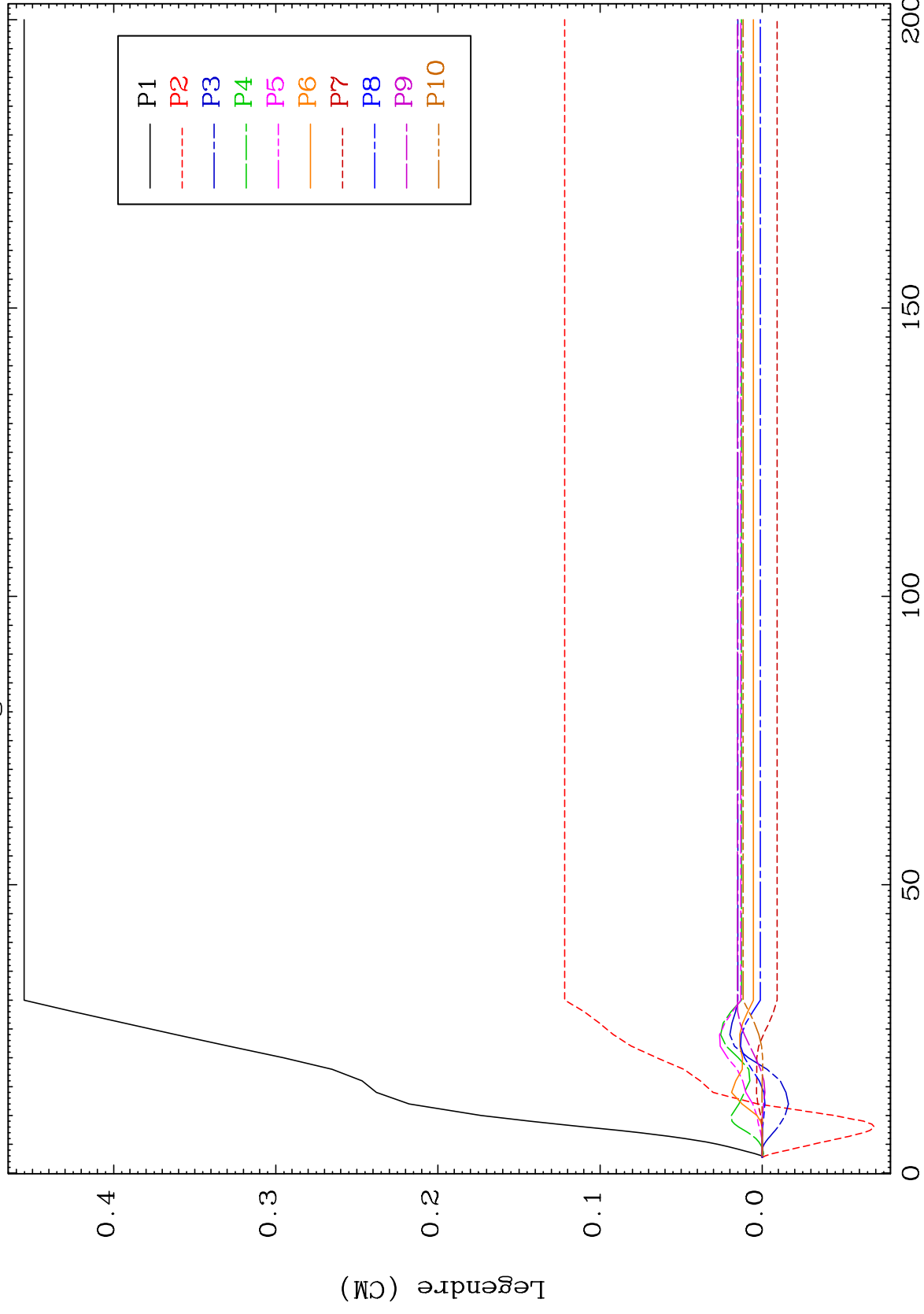
88

21-Sc-47

MAT 2131

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

21-Sc-47



89

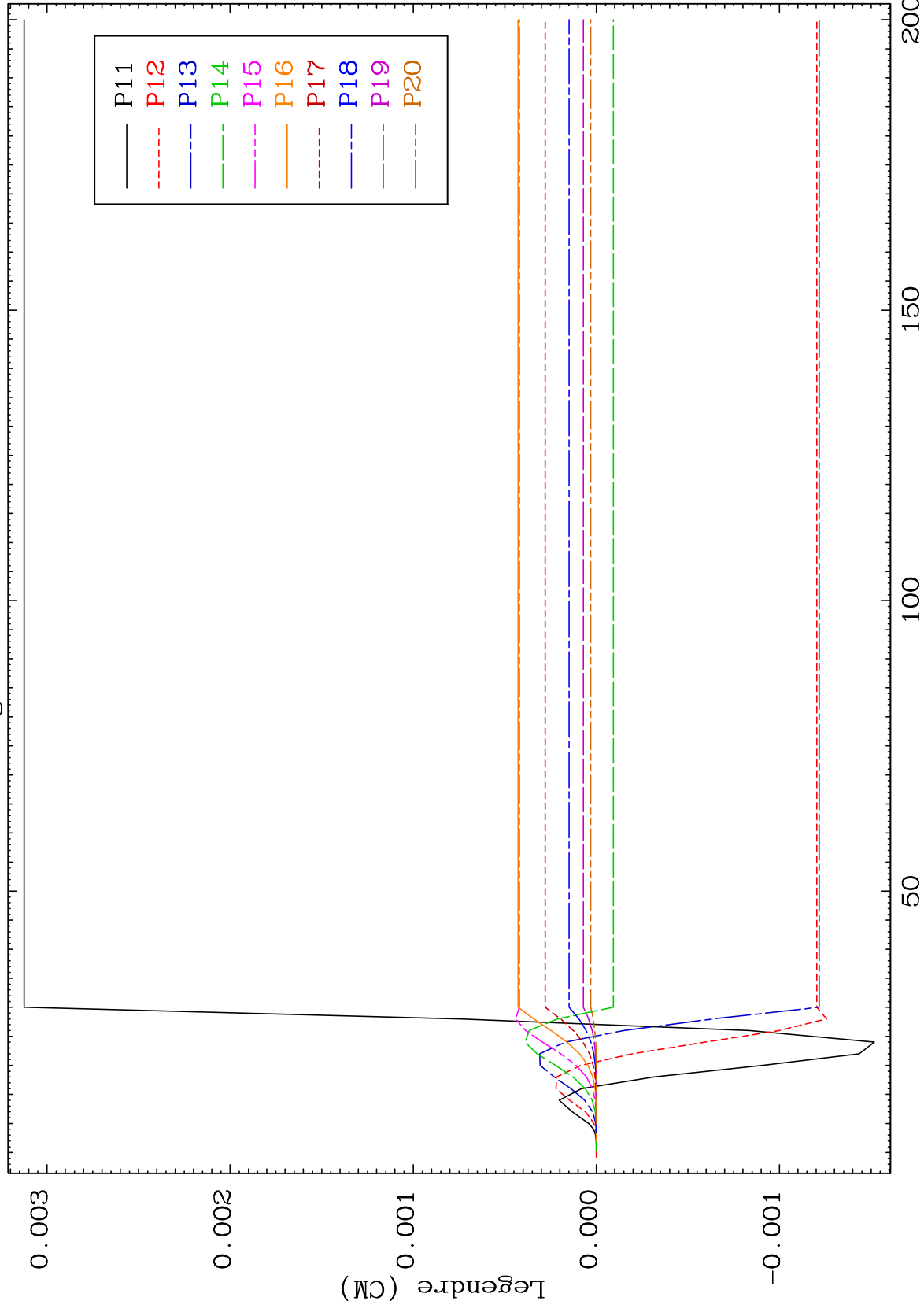
Incident Energy (MeV)

21-Sc-47

MAT 2131

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

21-Sc-47



90

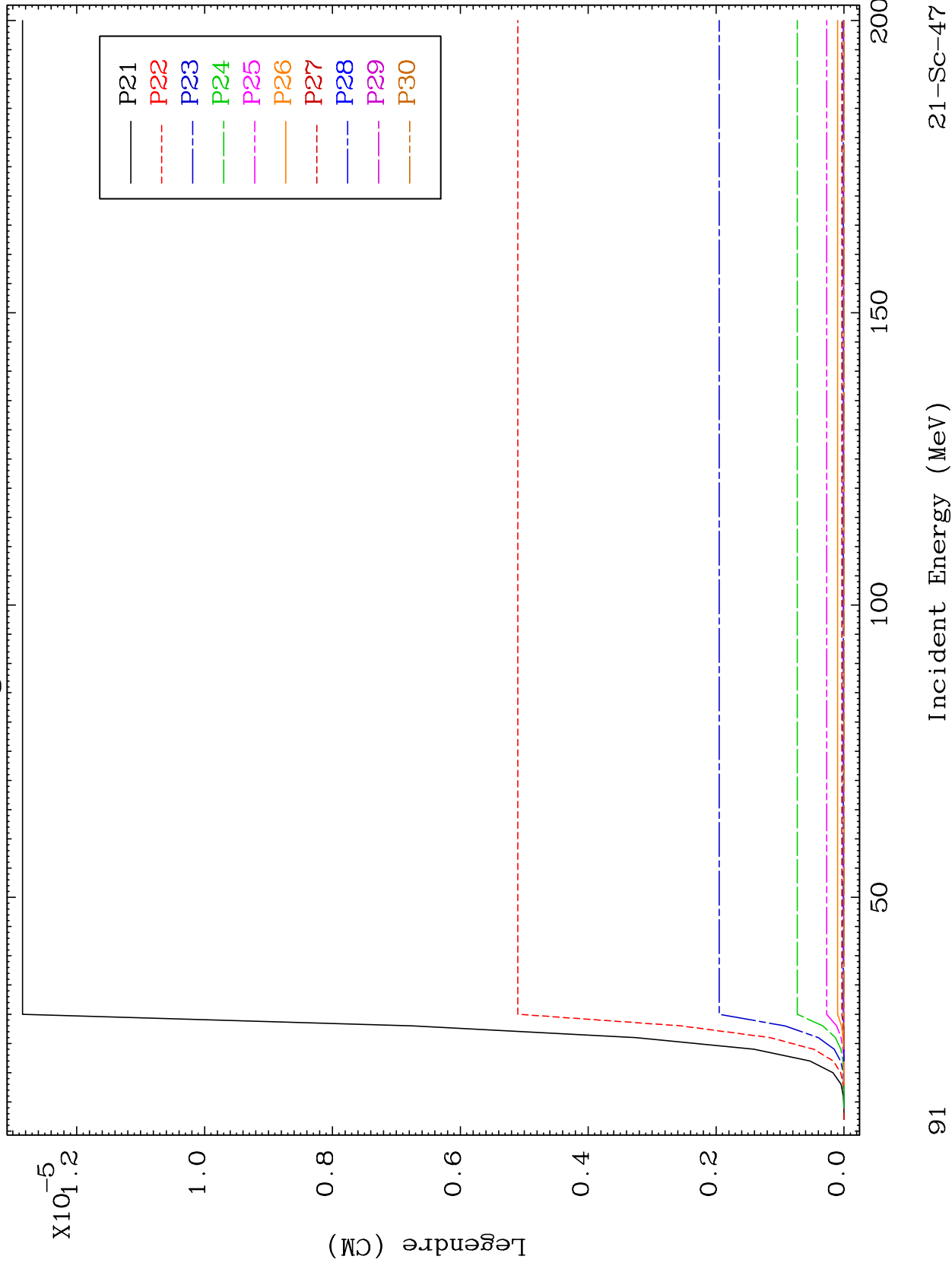
Incident Energy (MeV)

21-Sc-47

MAT 2131

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

21-Sc-47



91

Incident Energy (MeV)

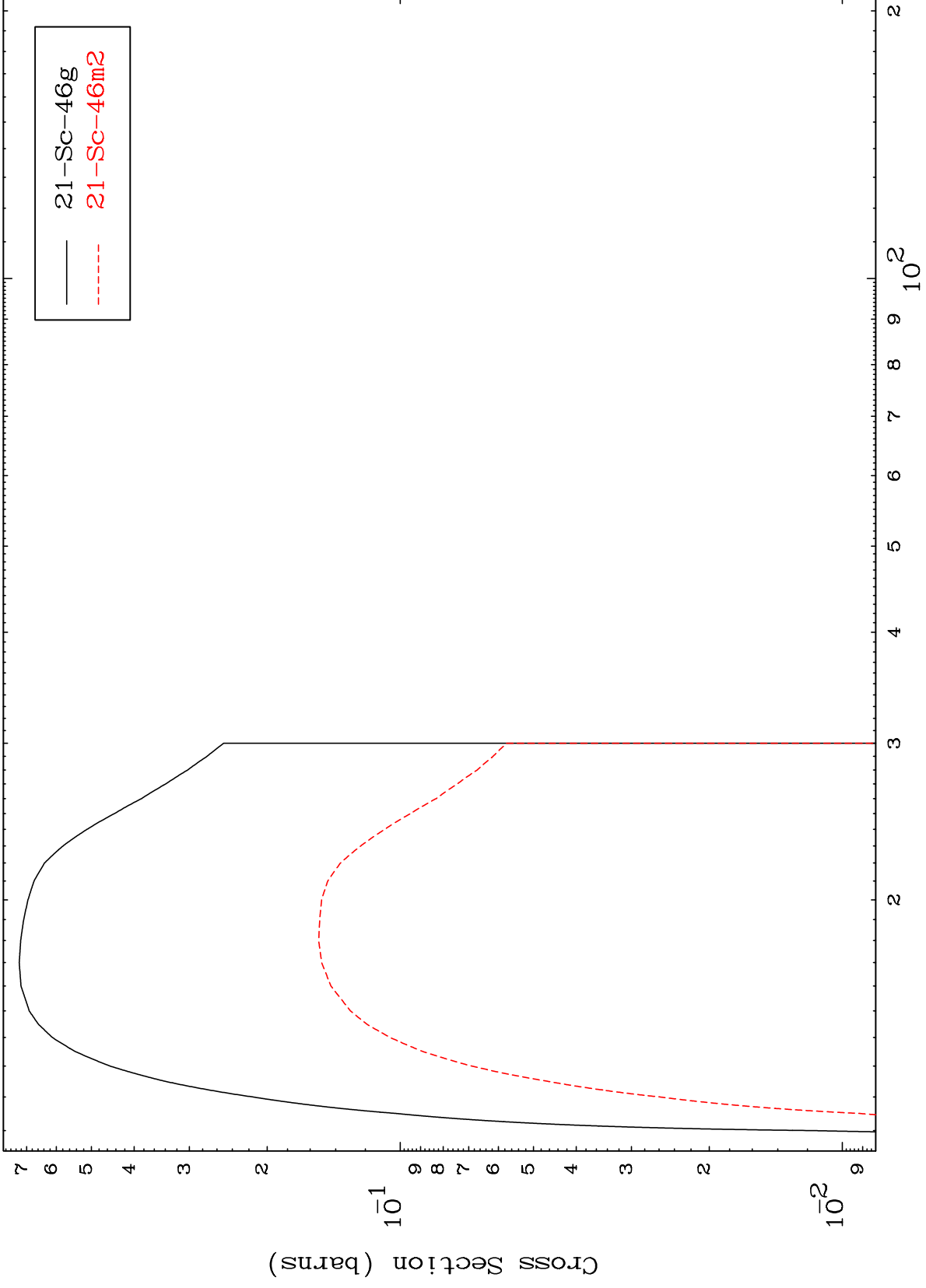
21-Sc-47

MAT 2131

(n,2n)

21-Sc-47

Radionuclide Production Cross Section



92

Incident Energy (MeV)

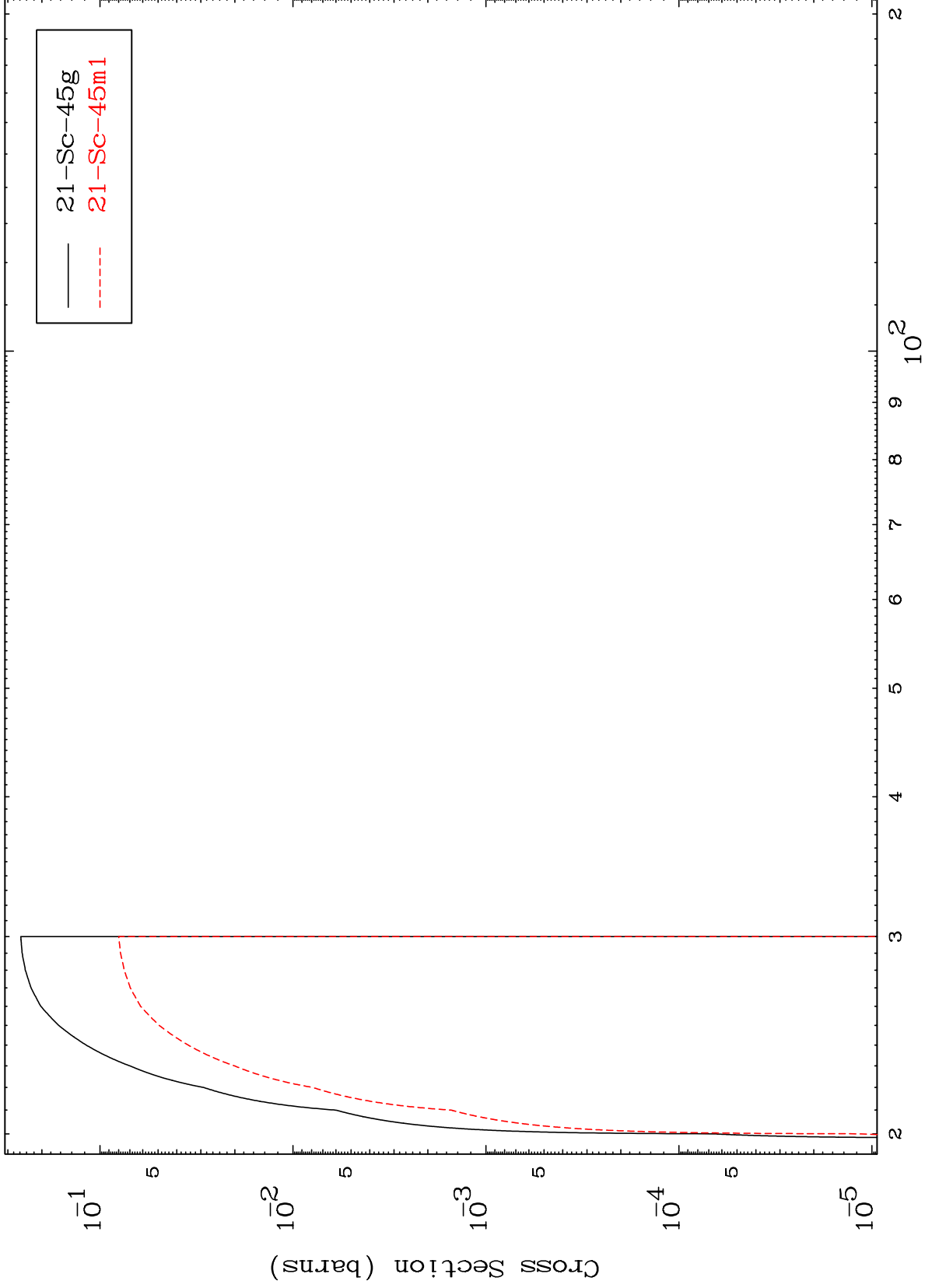
21-Sc-47

MAT 2131

(n,3n)

21-Sc-47

Radionuclide Production Cross Section



93

Incident Energy (MeV)

21-Sc-47