

Program EVALPLOT
(Version 2015-2)

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:home.comcast.net/~redcullen1

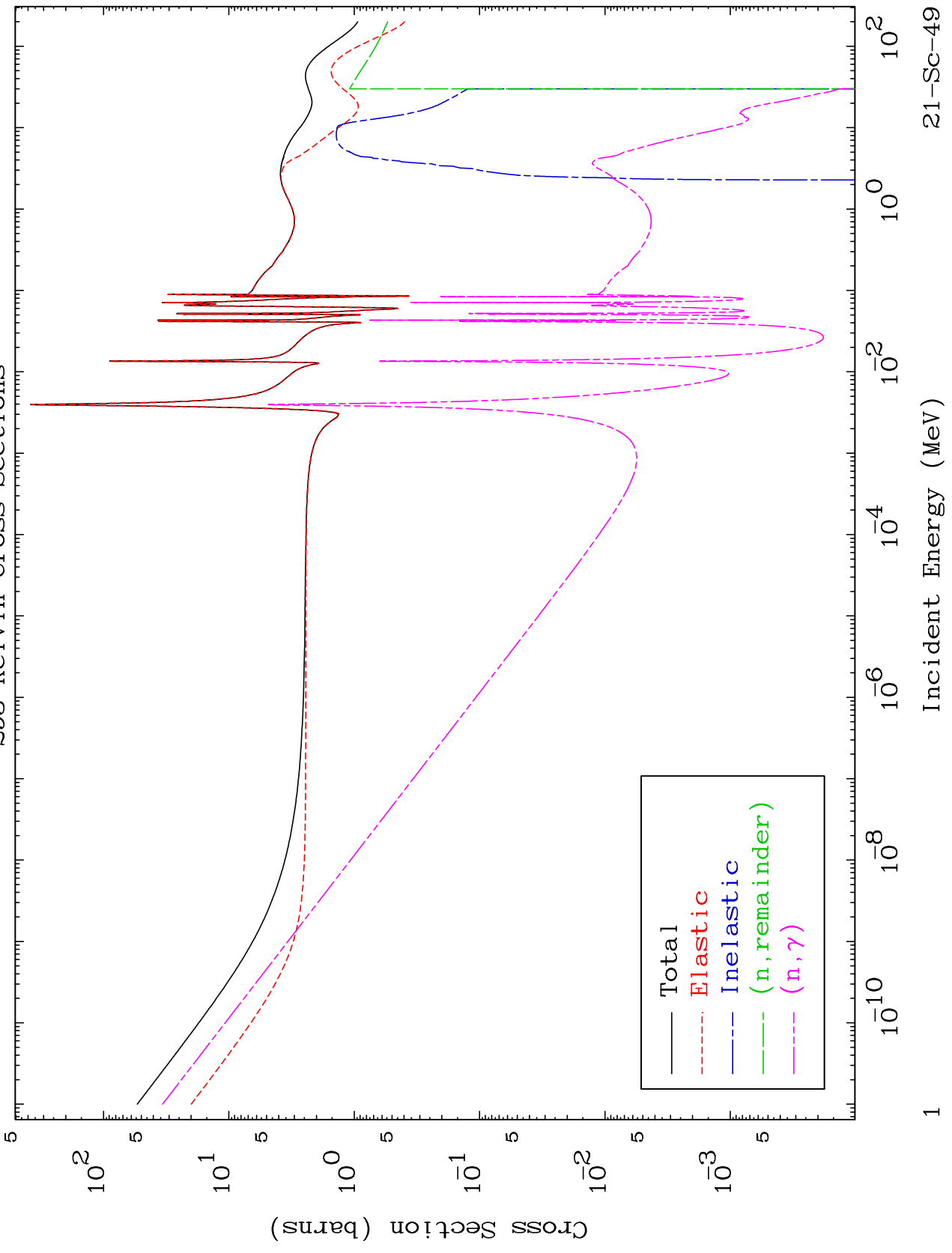
Press Mouse Button to Start

MAT 2137

Major

293 Kelvin Cross Sections

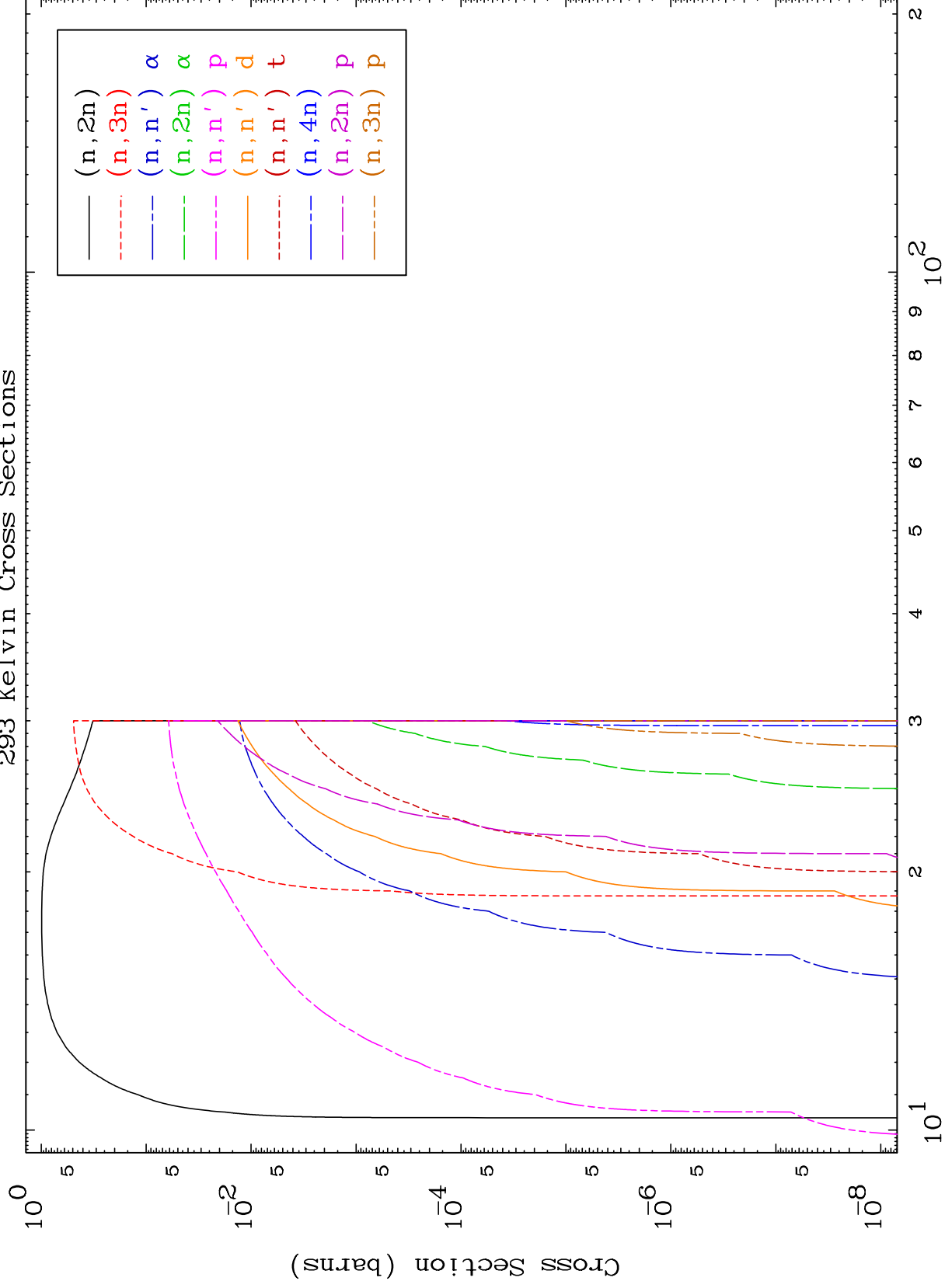
21-Sc-49



MAT 2137

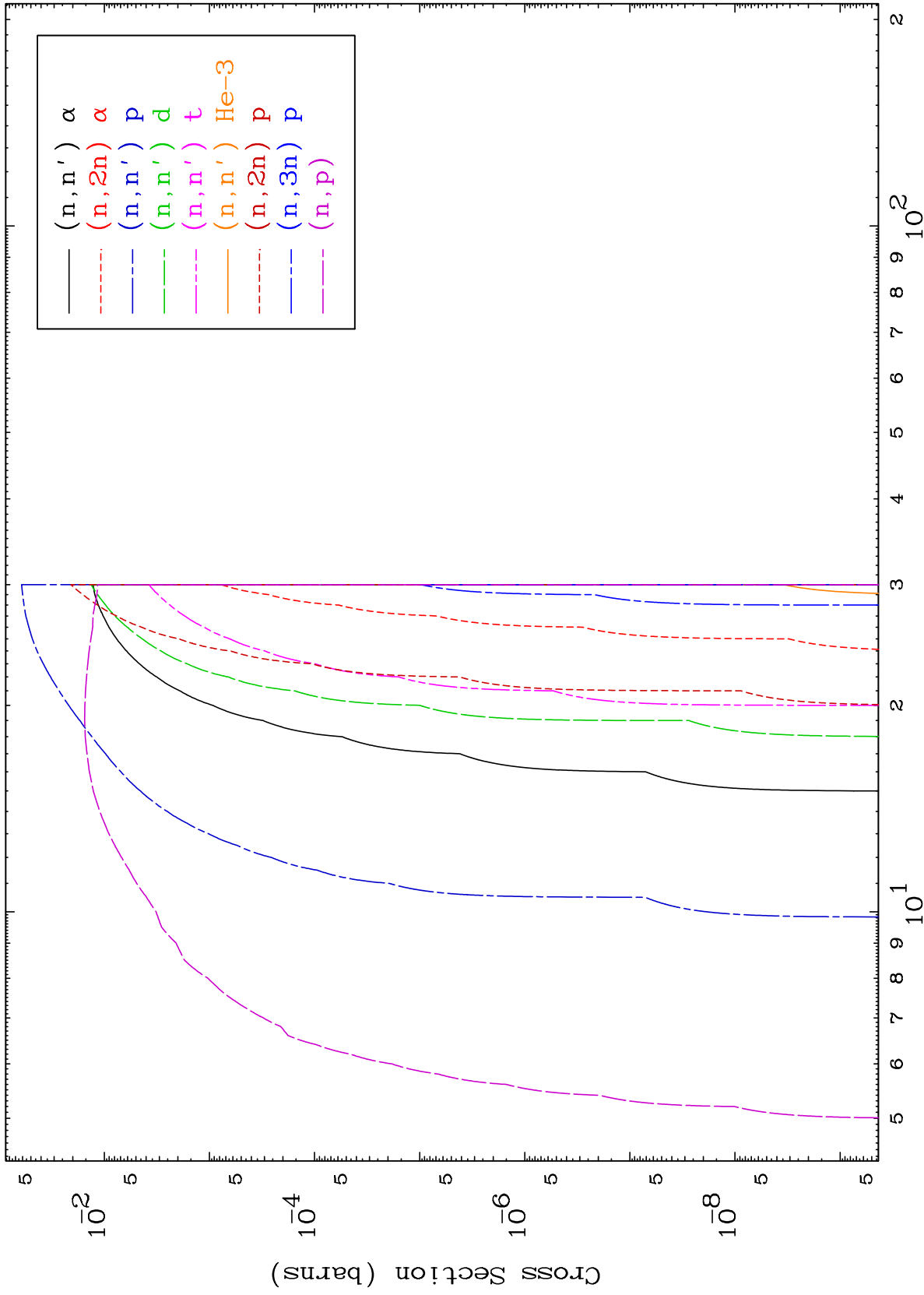
Neutron Production
293 Kelvin Cross Sections

21-Sc-49



Incident Energy (MeV)

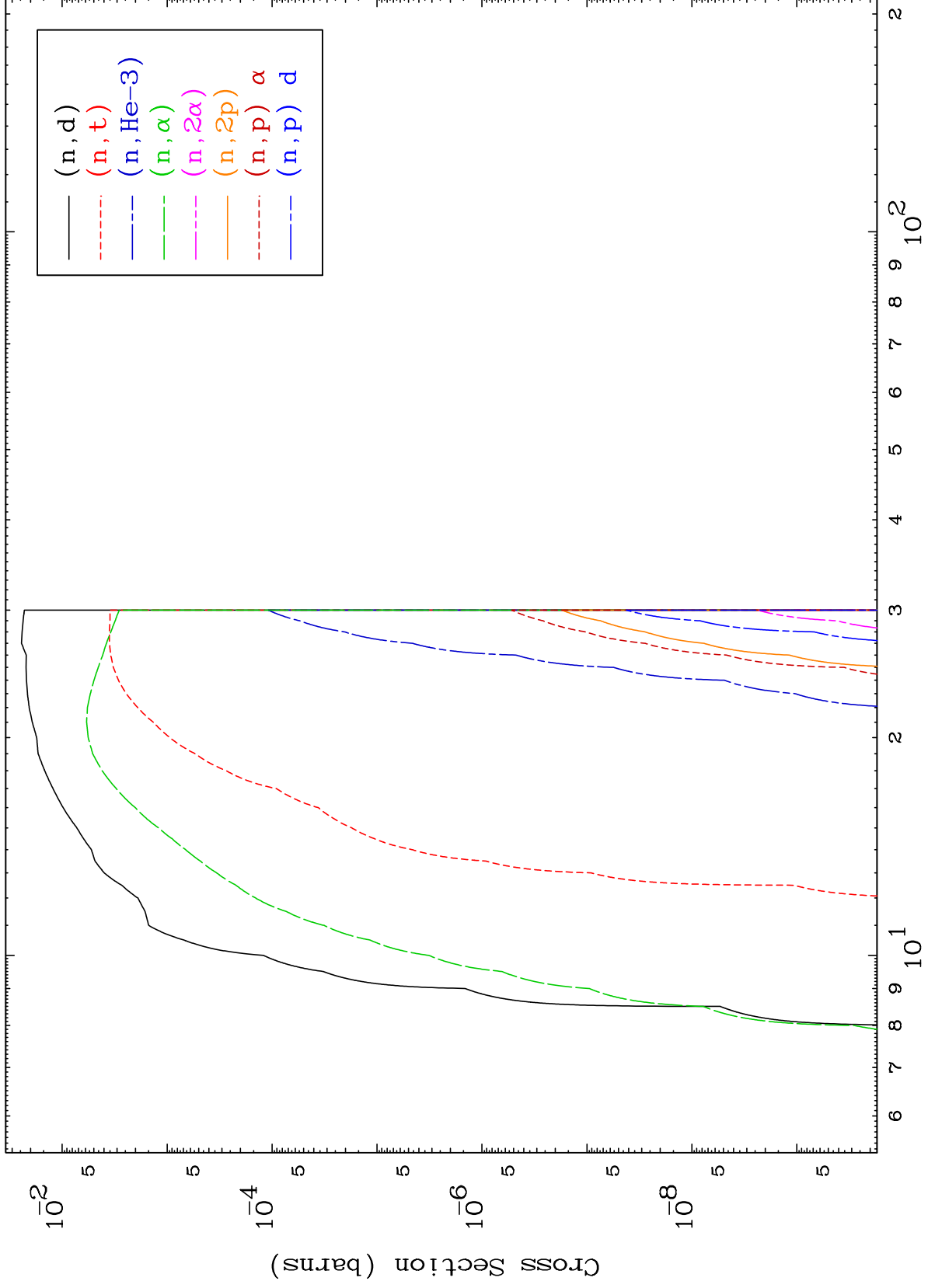
21-Sc-49



MAT 2137

Charged Particle
293 Kelvin Cross Sections

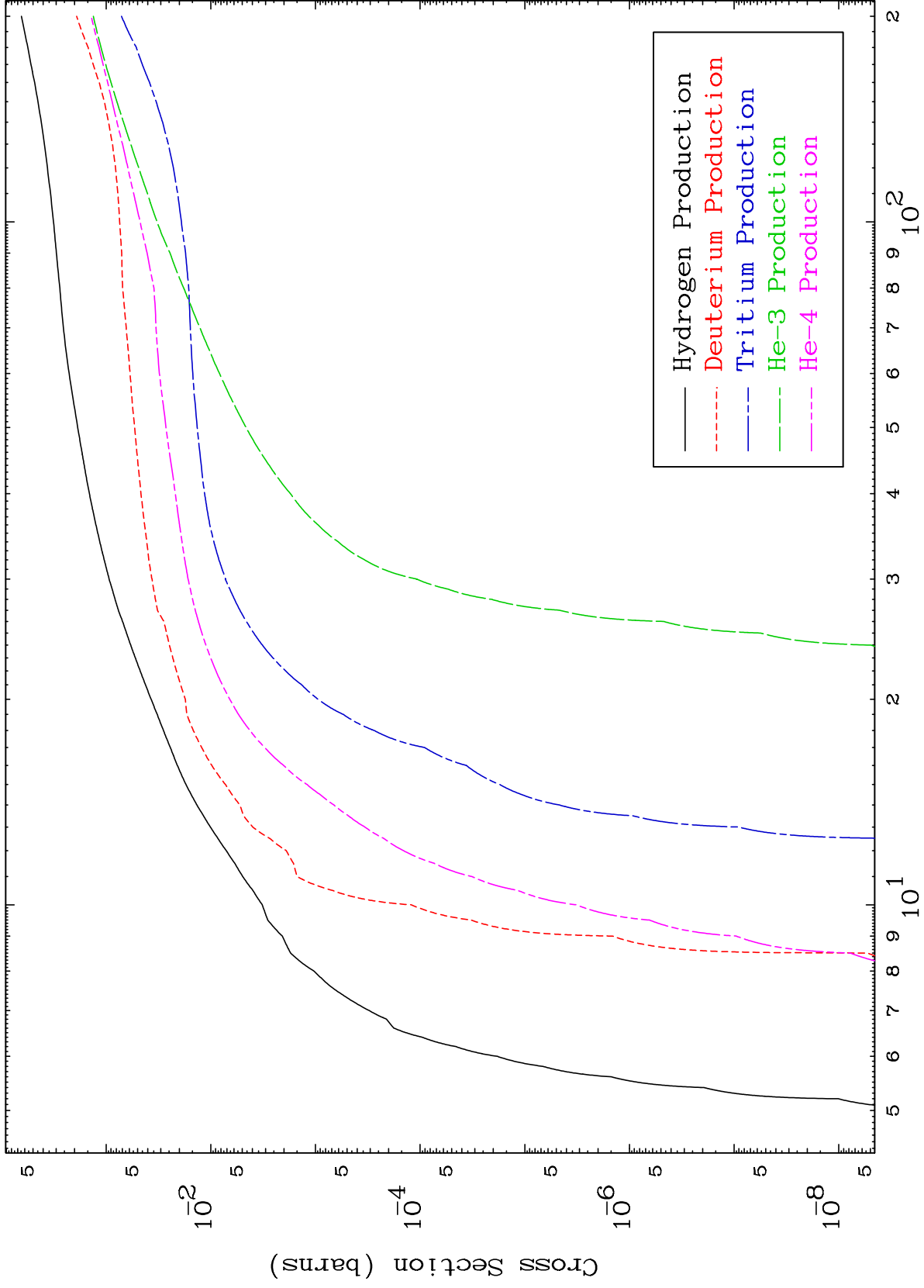
21-Sc-49



4

Incident Energy (MeV)

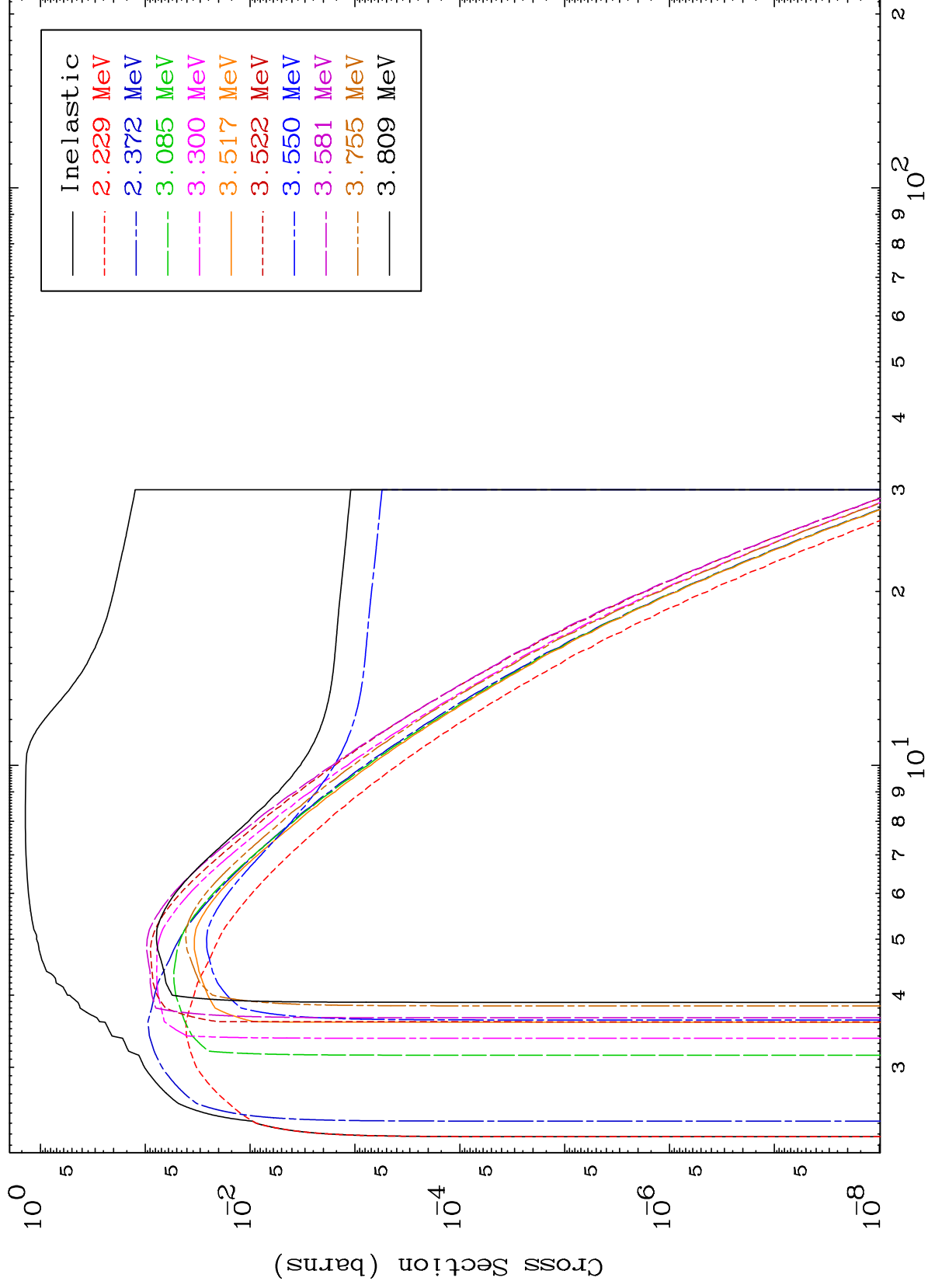
21-Sc-49



MAT 2137

(n,n') Level
293 Kelvin Cross Sections

21-Sc-49



6

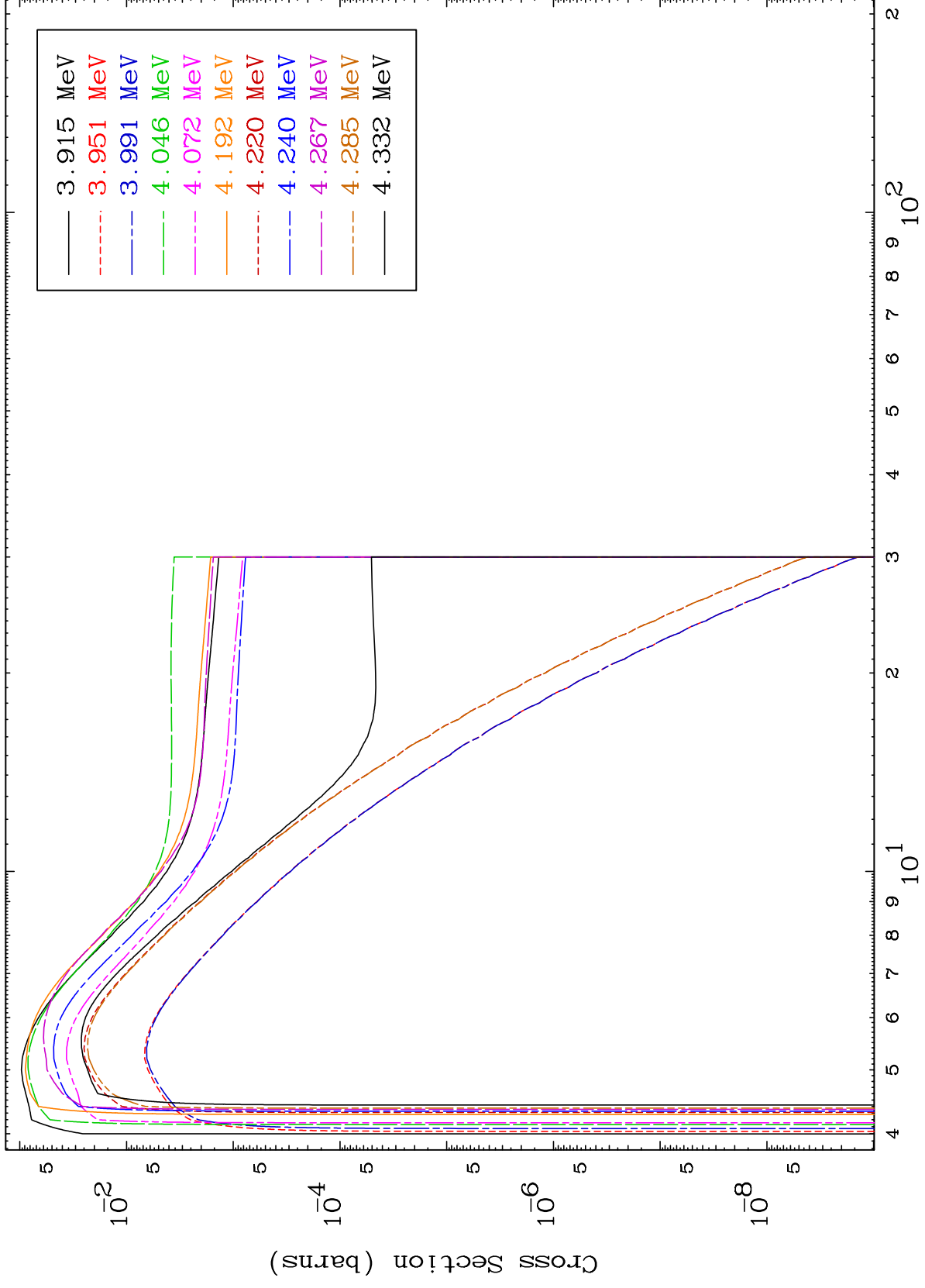
Incident Energy (MeV)

21-Sc-49

MAT 2137

(n,n') Level
293 Kelvin Cross Sections

21-Sc-49



7

Incident Energy (MeV)

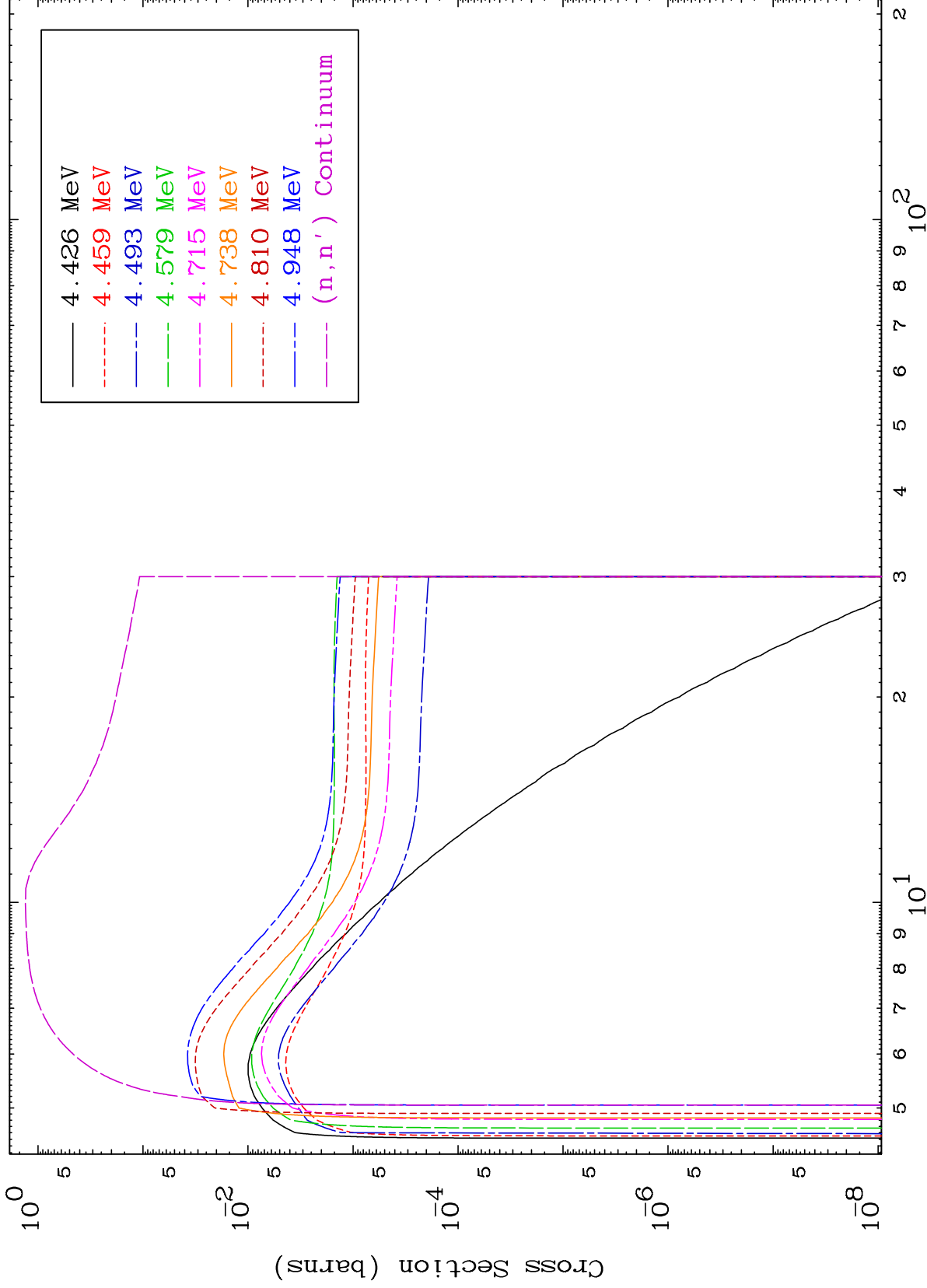
21-Sc-49

MAT 2137

(n,n') Level

21-Sc-49

293 Kelvin Cross Sections



8

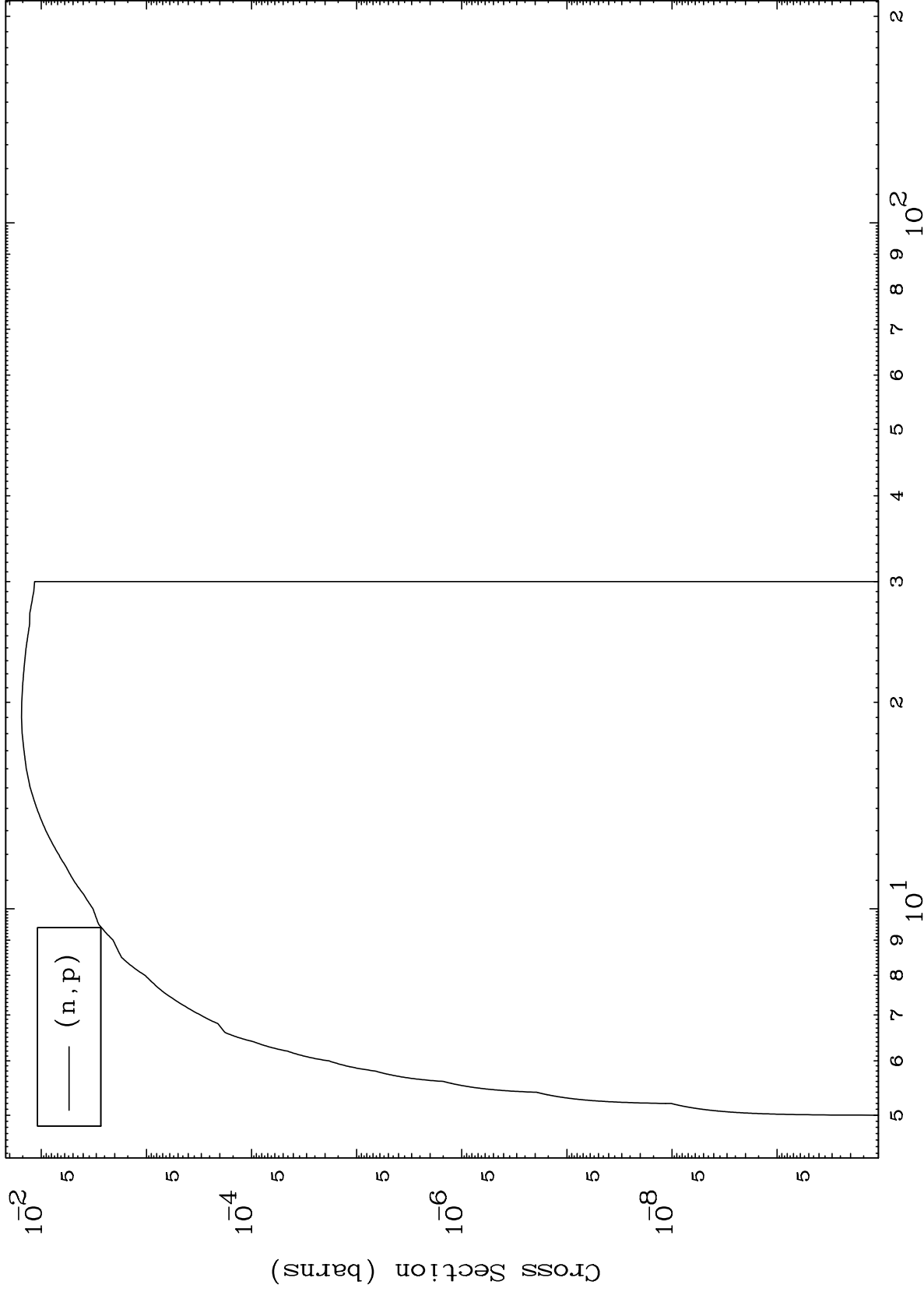
Incident Energy (MeV)

21-Sc-49

MAT 2137

(n,p) Levels
293 Kelvin Cross Sections

21-Sc-49



9

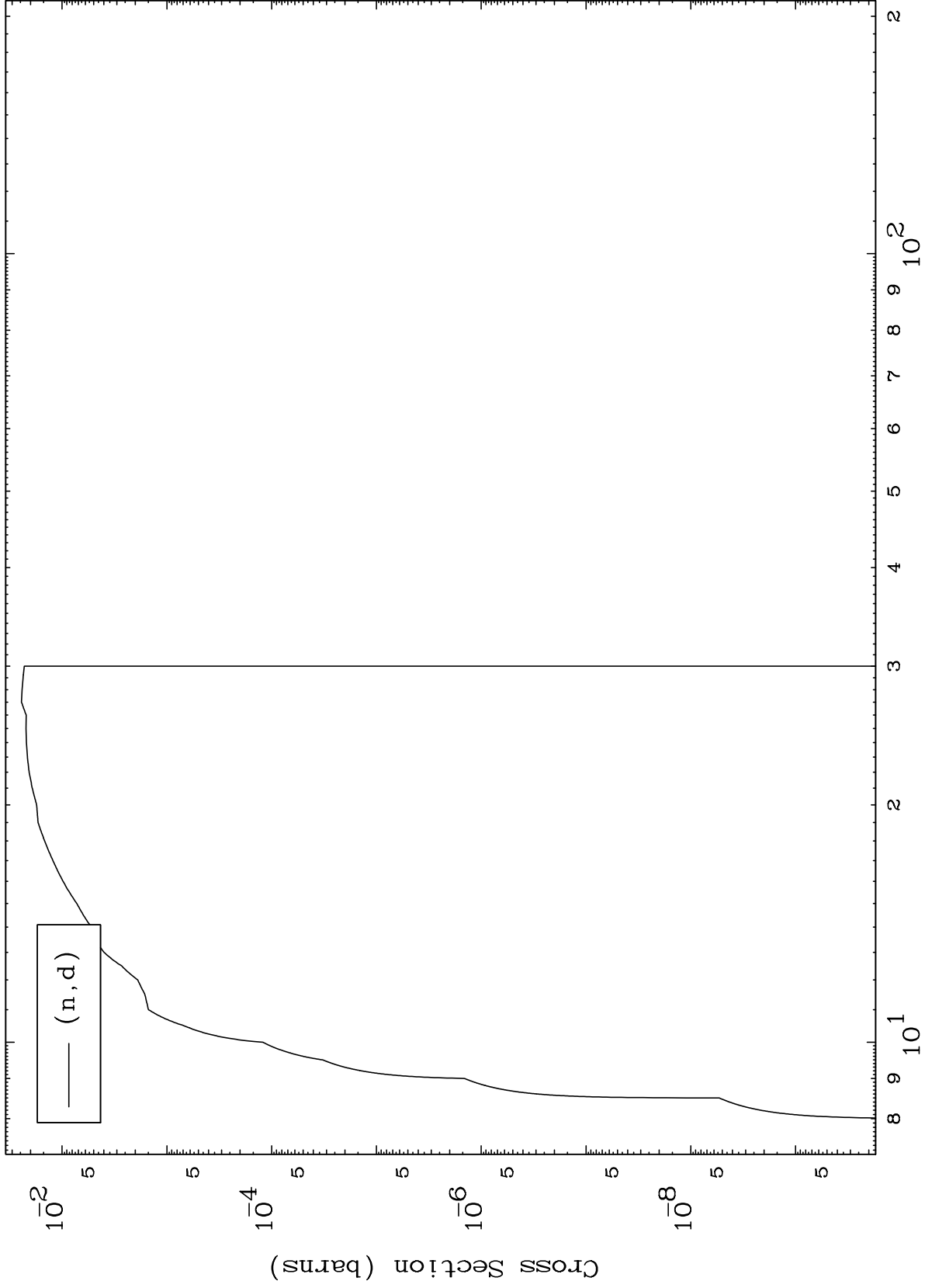
Incident Energy (MeV)

21-Sc-49

MAT 2137

(n,d) Levels
293 Kelvin Cross Sections

21-Sc-49



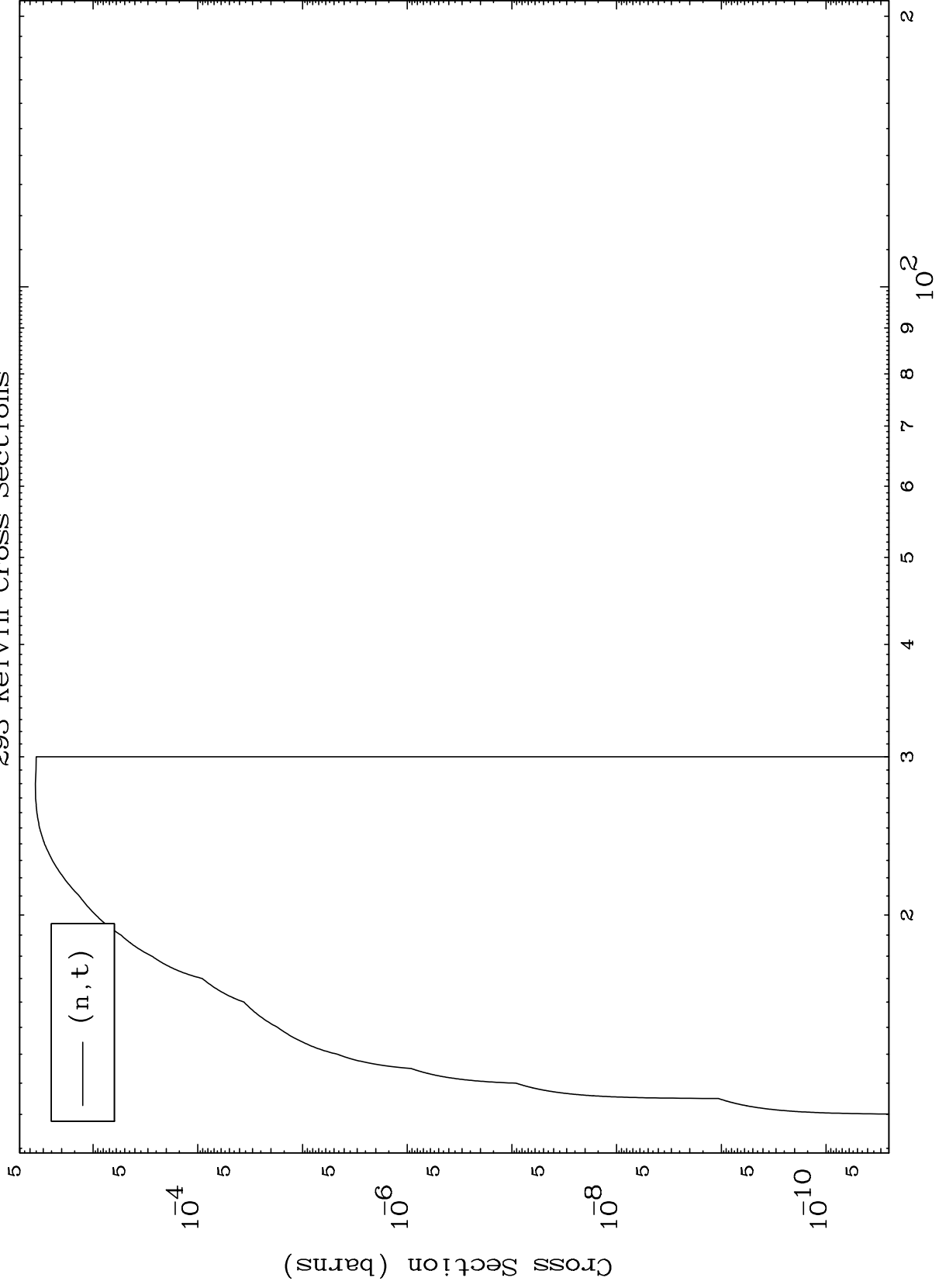
Incident Energy (MeV)

21-Sc-49

MAT 2137

(n,t) Levels
293 Kelvin Cross Sections

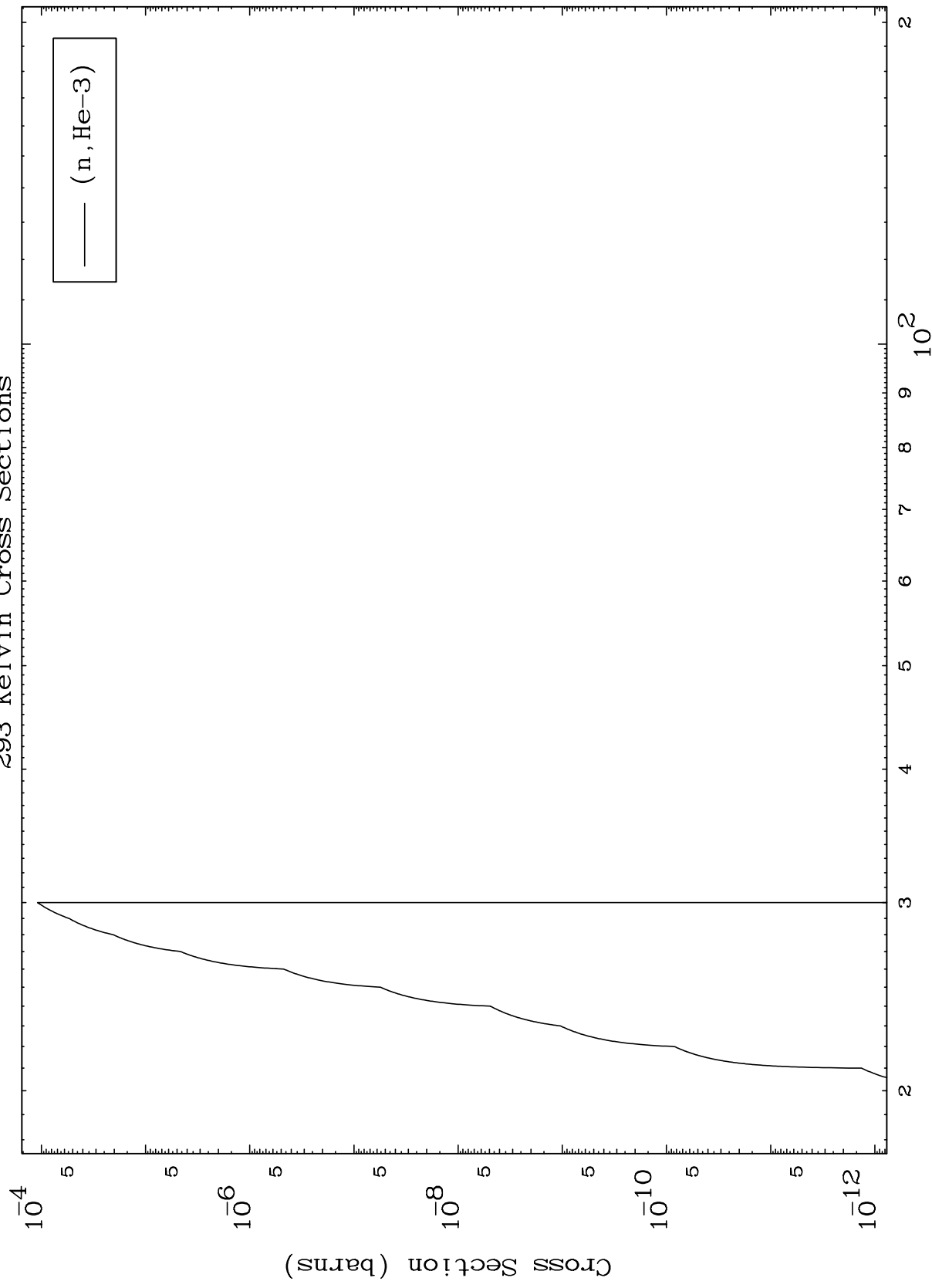
21-Sc-49



MAT 2137

21-Sc-49

(n,He3) Levels
293 Kelvin Cross Sections



12

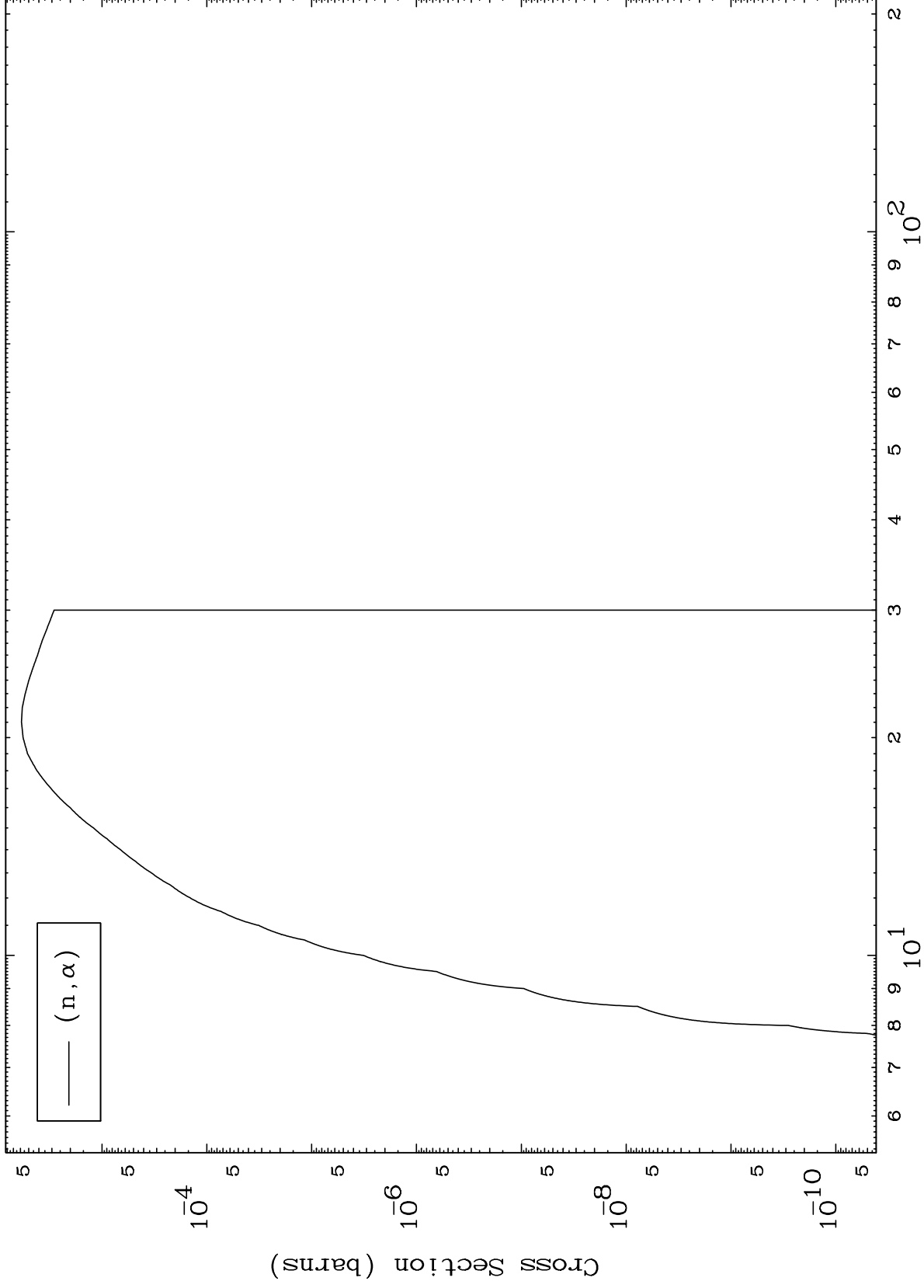
21-Sc-49

Incident Energy (MeV)

MAT 2137

(n, α) Levels
293 Kelvin Cross Sections

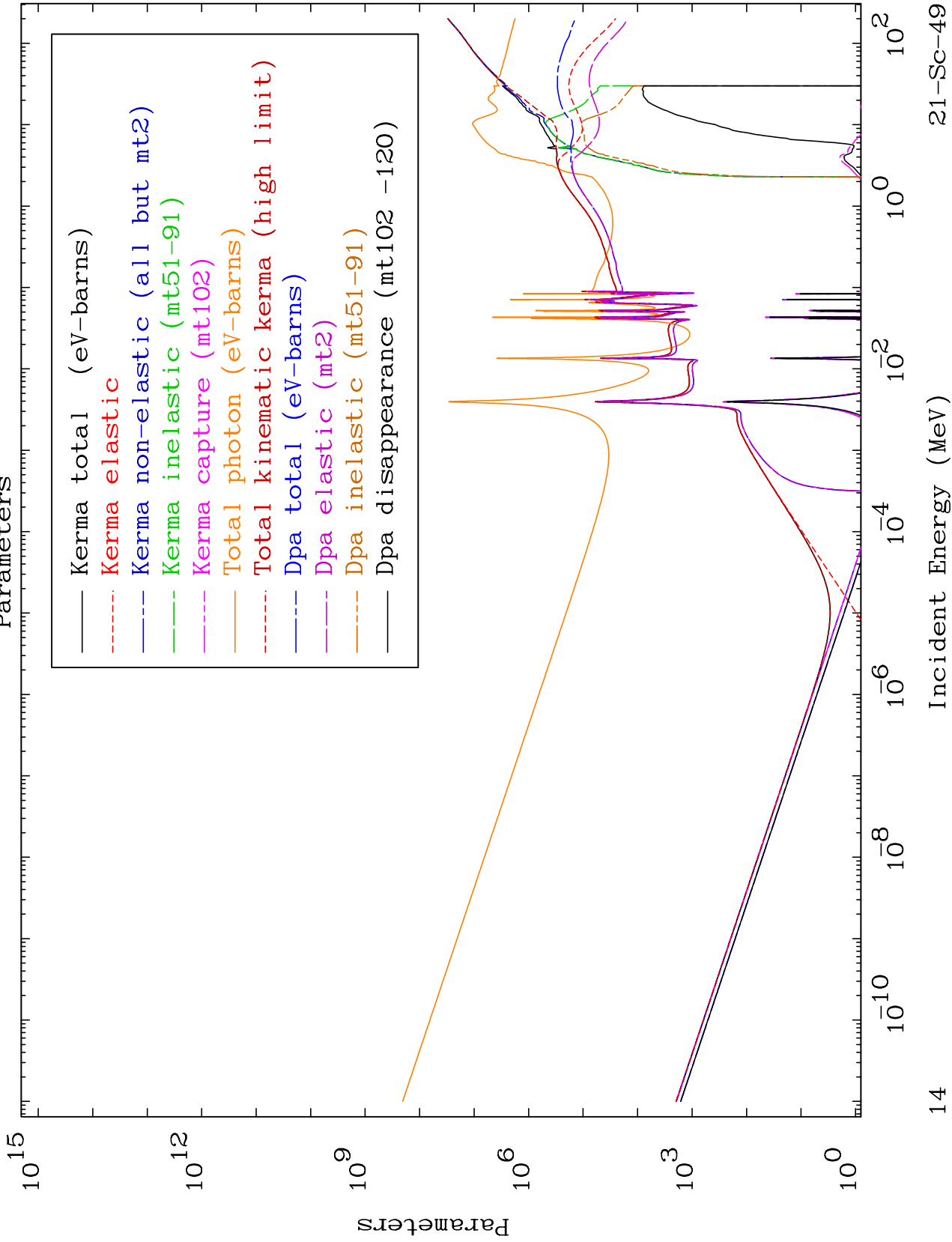
21-Sc-49



13

Incident Energy (MeV)

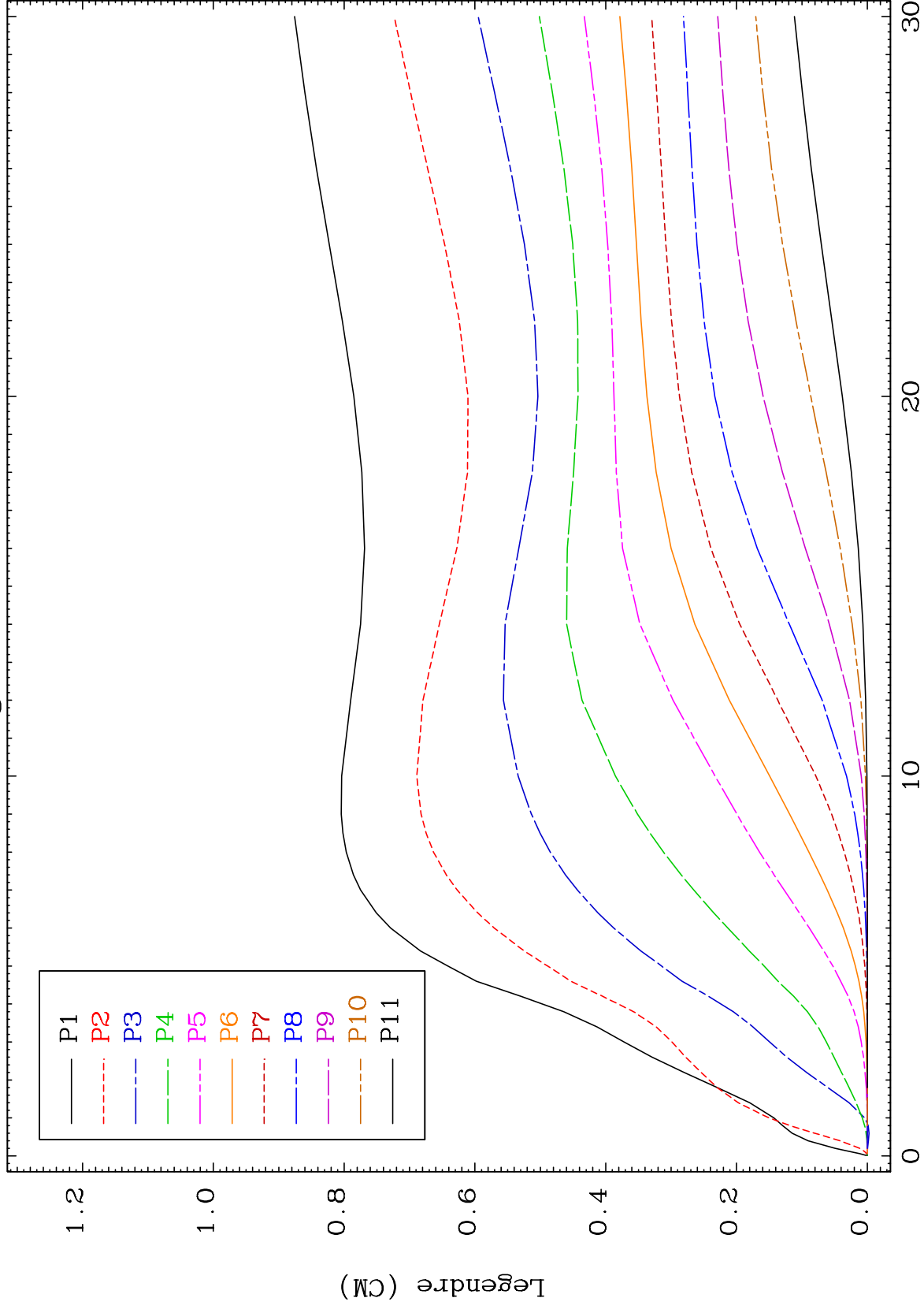
21-Sc-49



MAT 2137

Elastic Legendre Coefficients

21-Sc-49



15

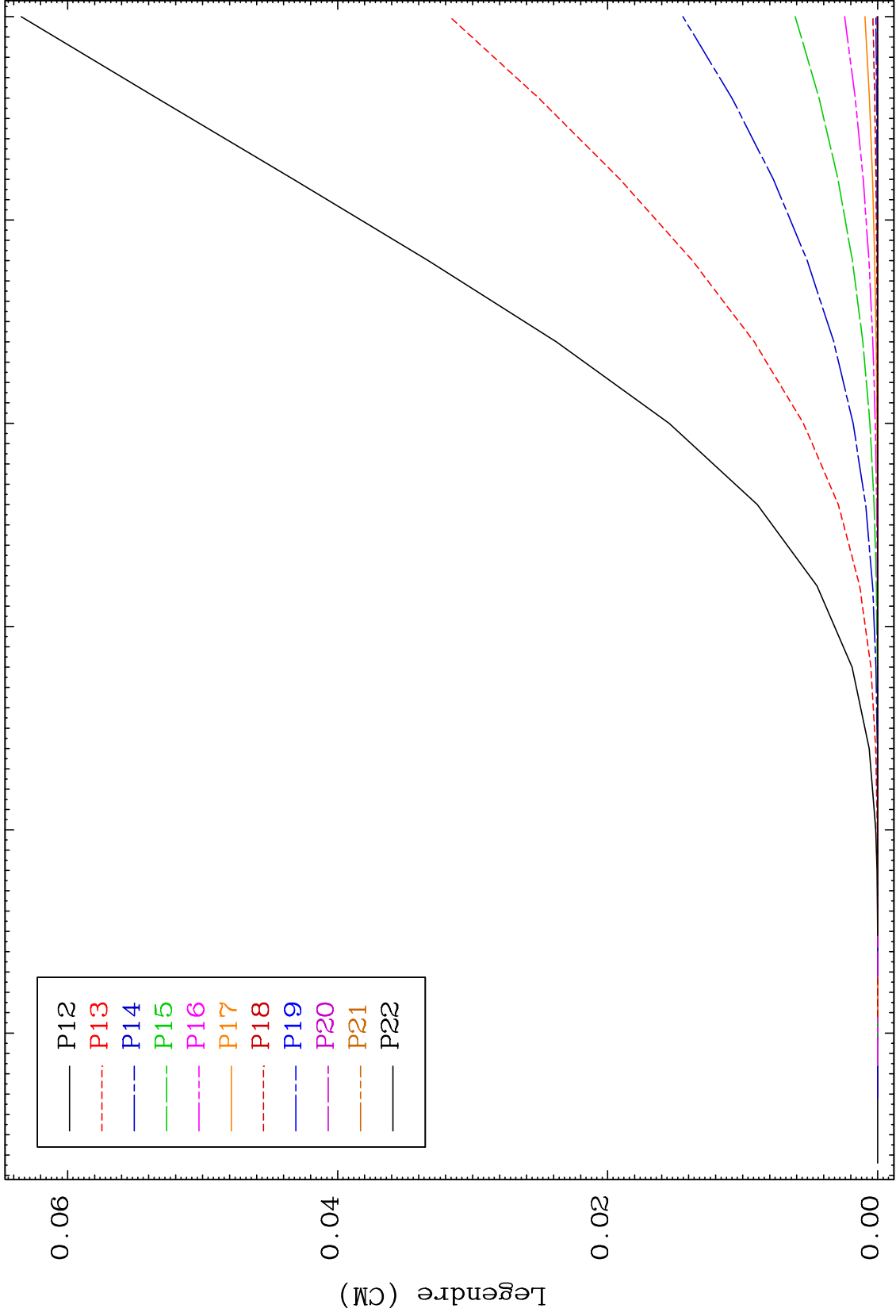
Incident Energy (MeV)

21-Sc-49

MAT 2137

Elastic
Legendre Coefficients

21-Sc-49



16

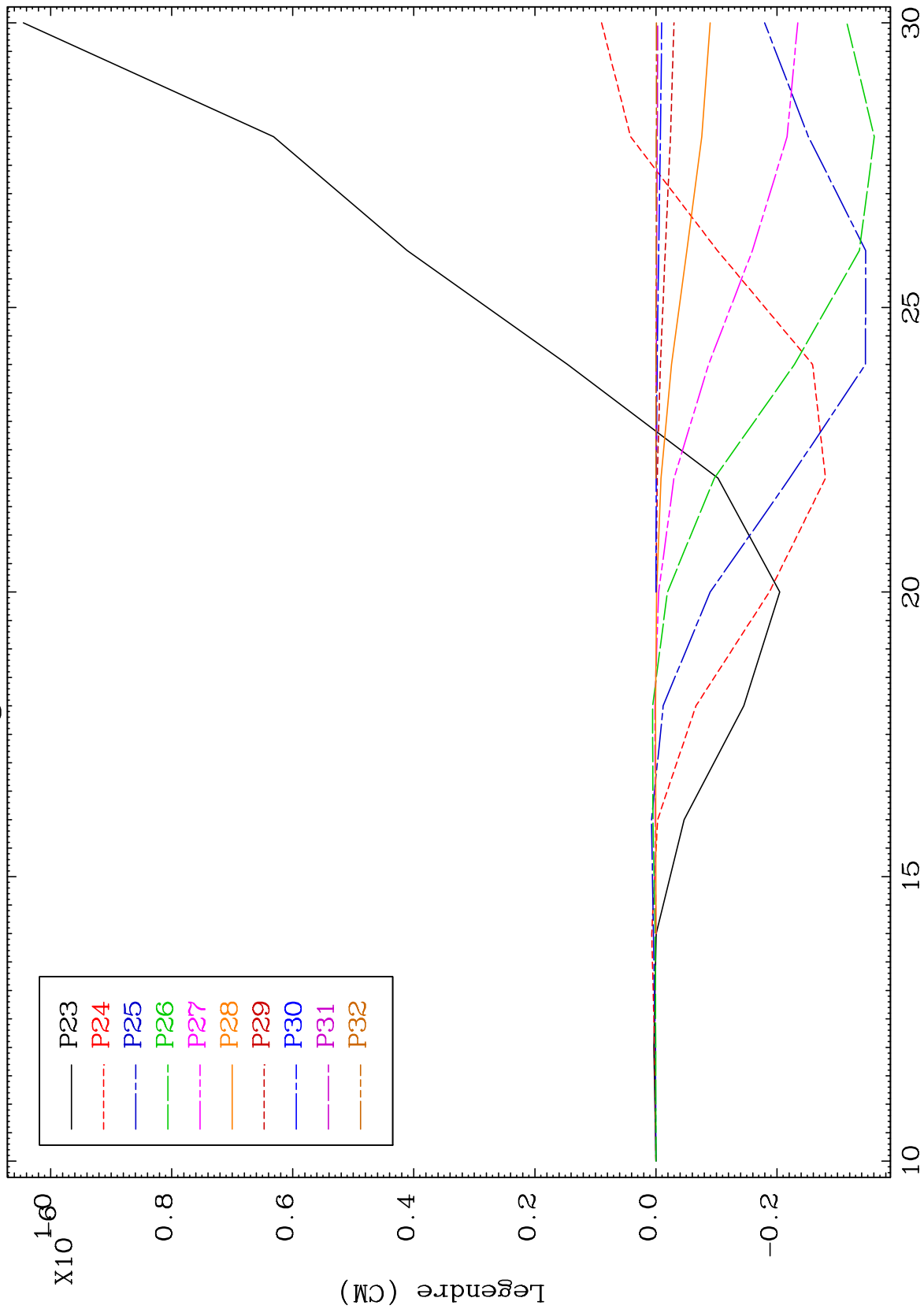
Incident Energy (MeV)

21-Sc-49

MAT 2137

Elastic Legendre Coefficients

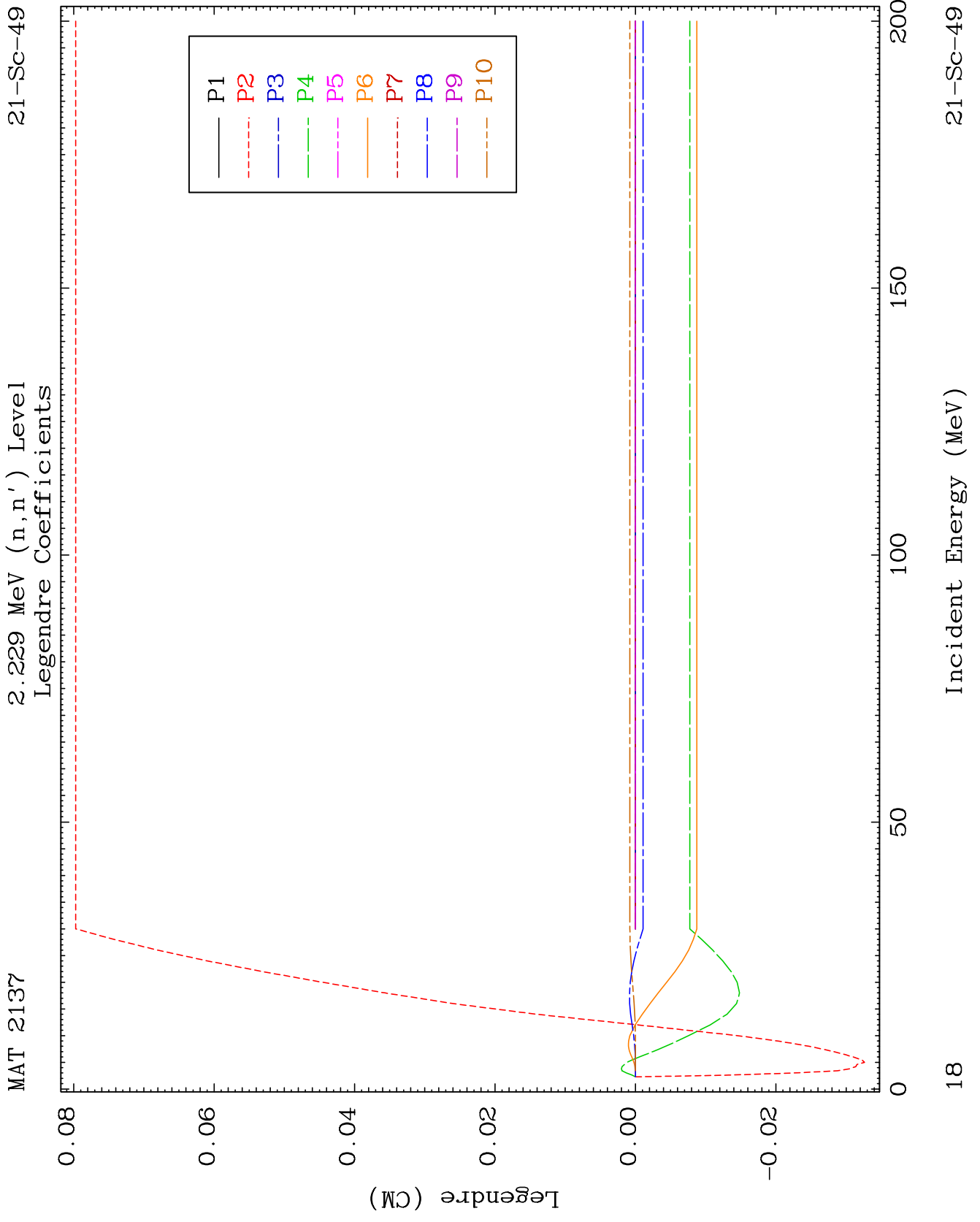
21-Sc-49

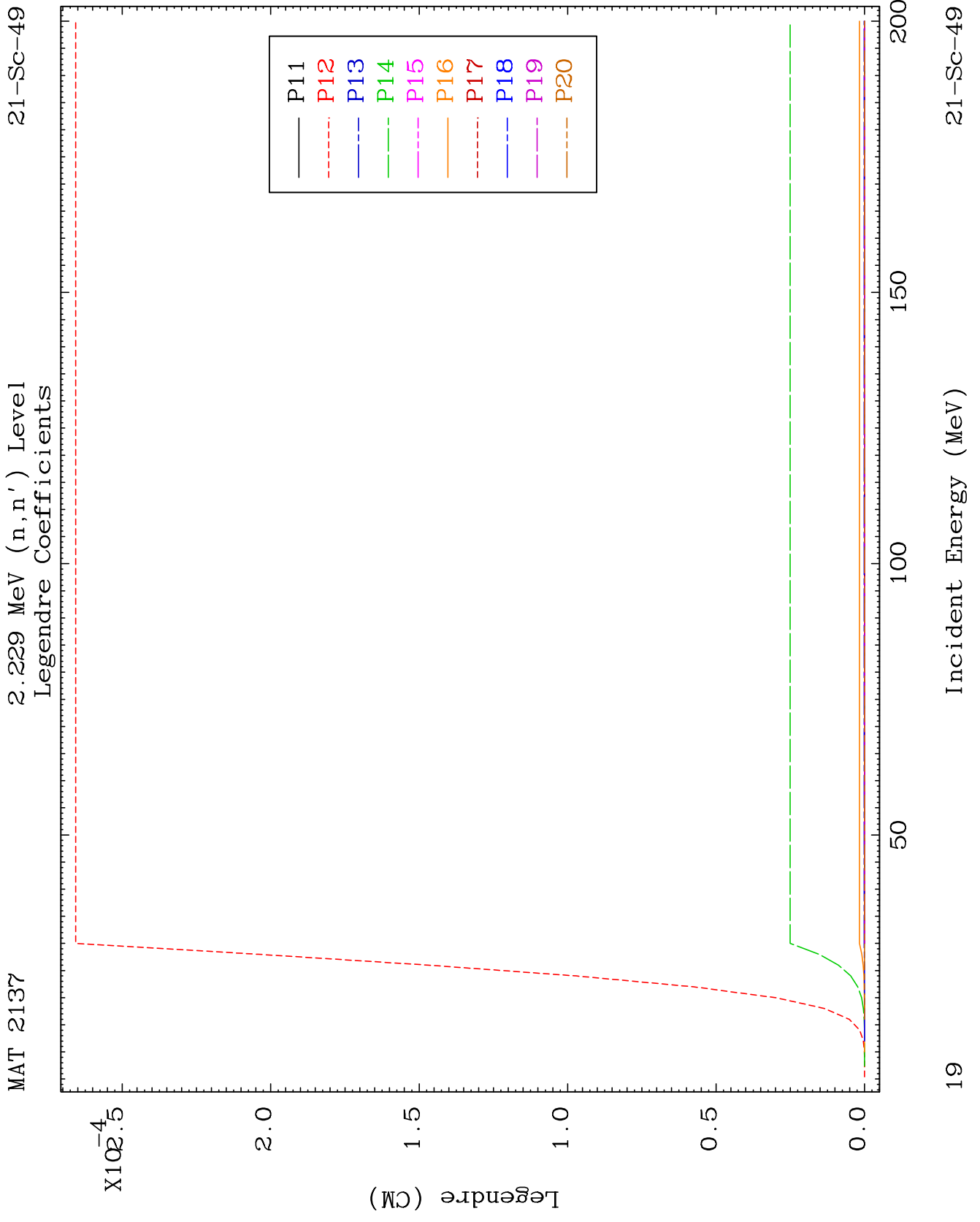


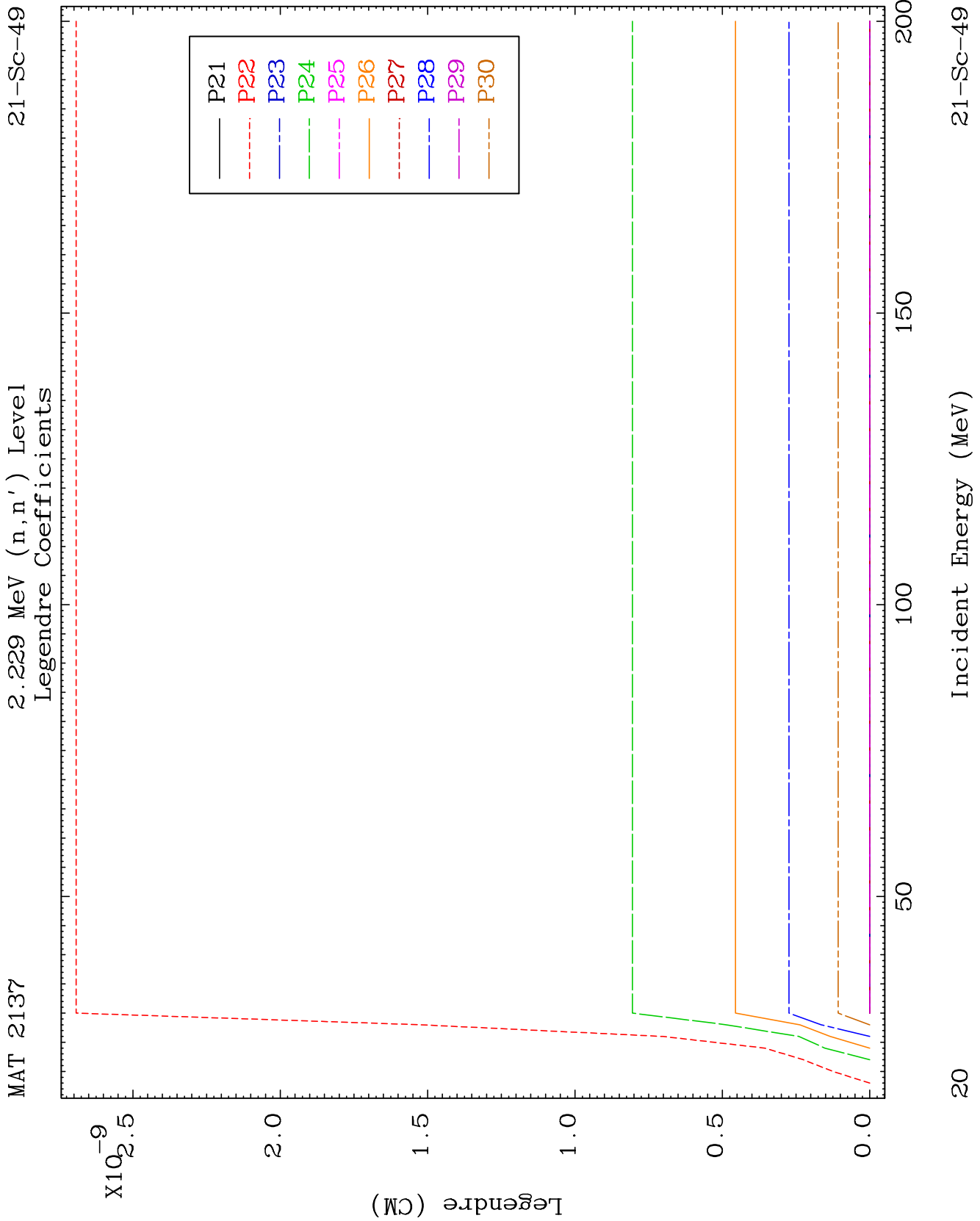
17

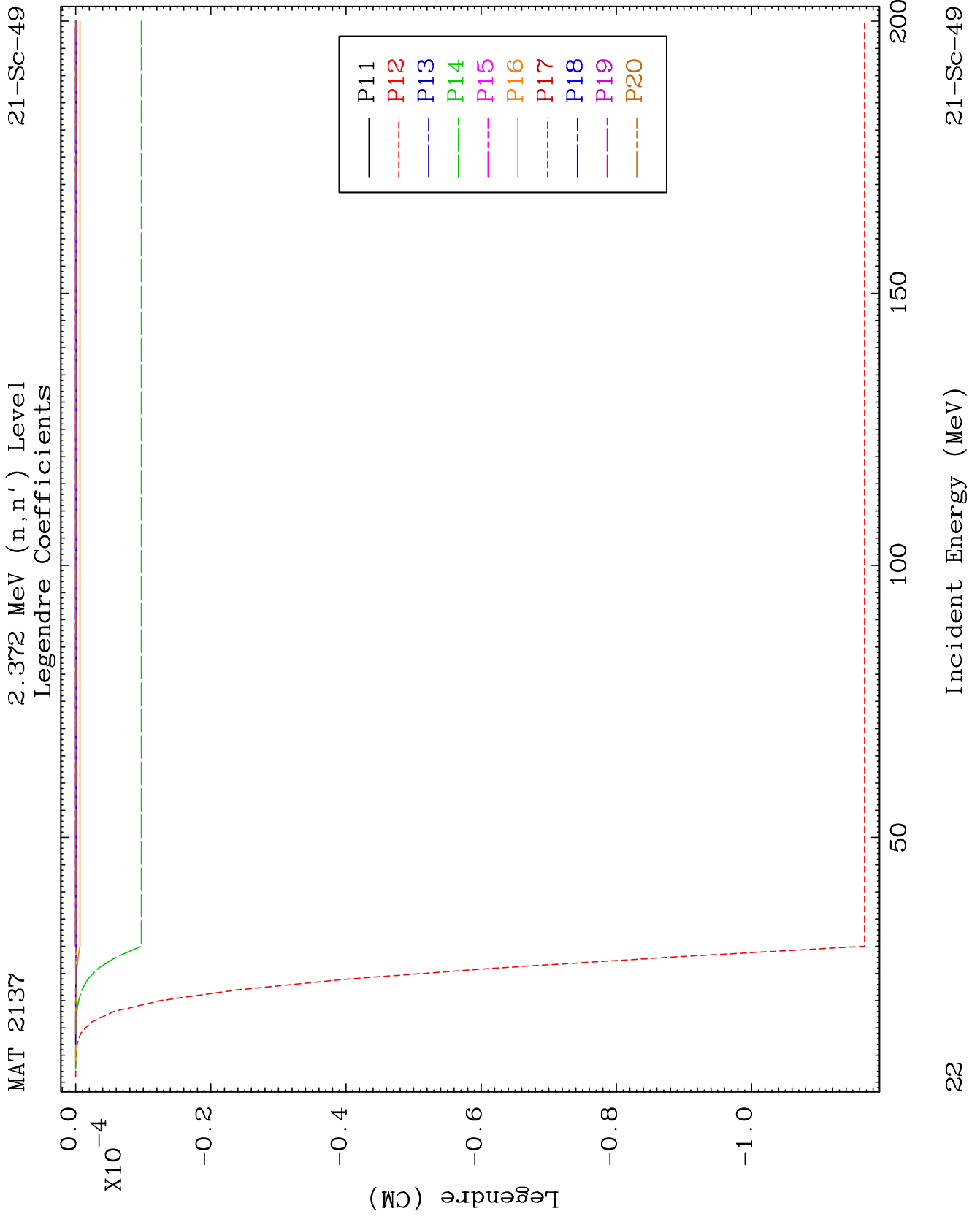
Incident Energy (MeV)

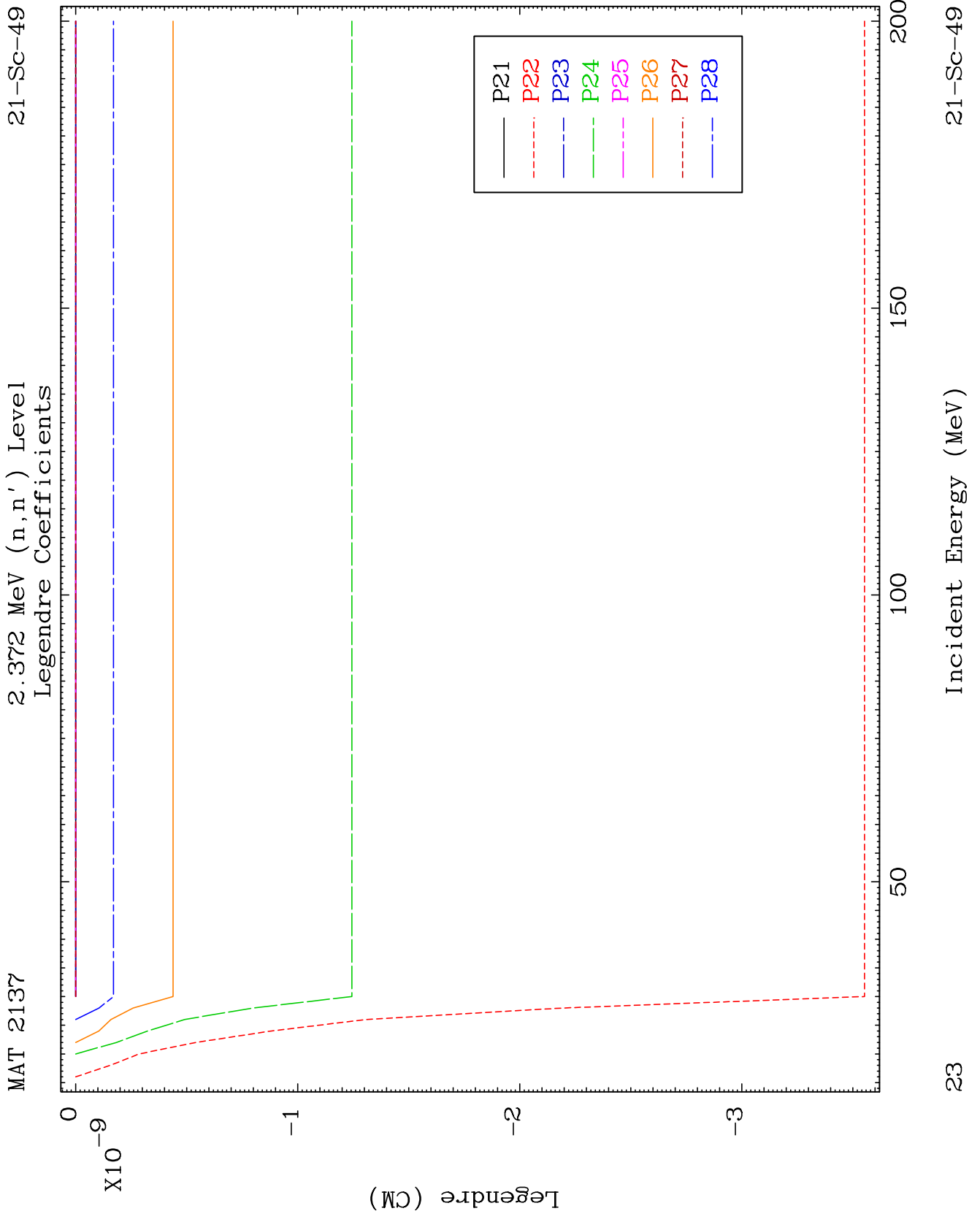
21-Sc-49







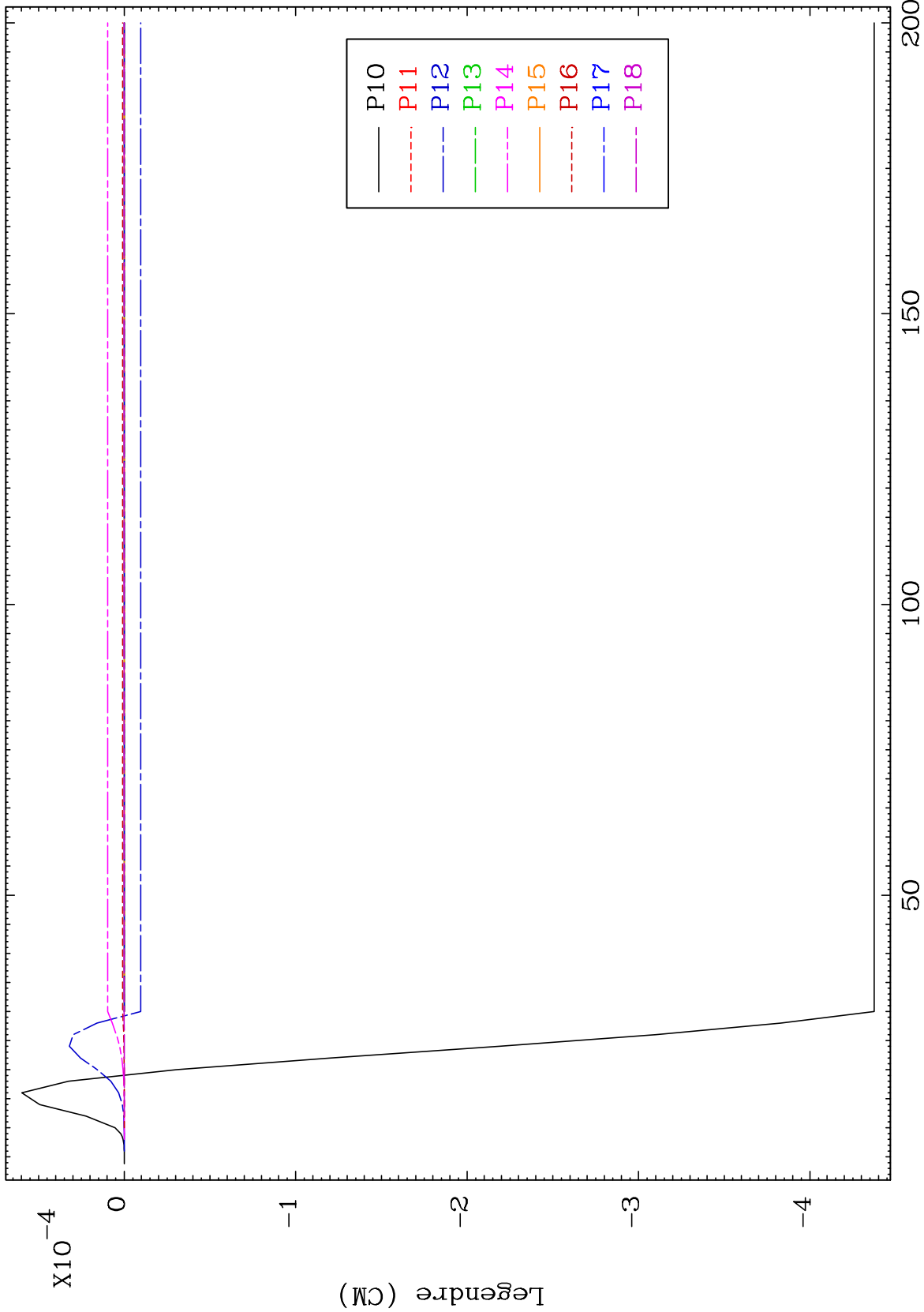




MAT 2137

3.085 MeV (n,n') Level
Legendre Coefficients

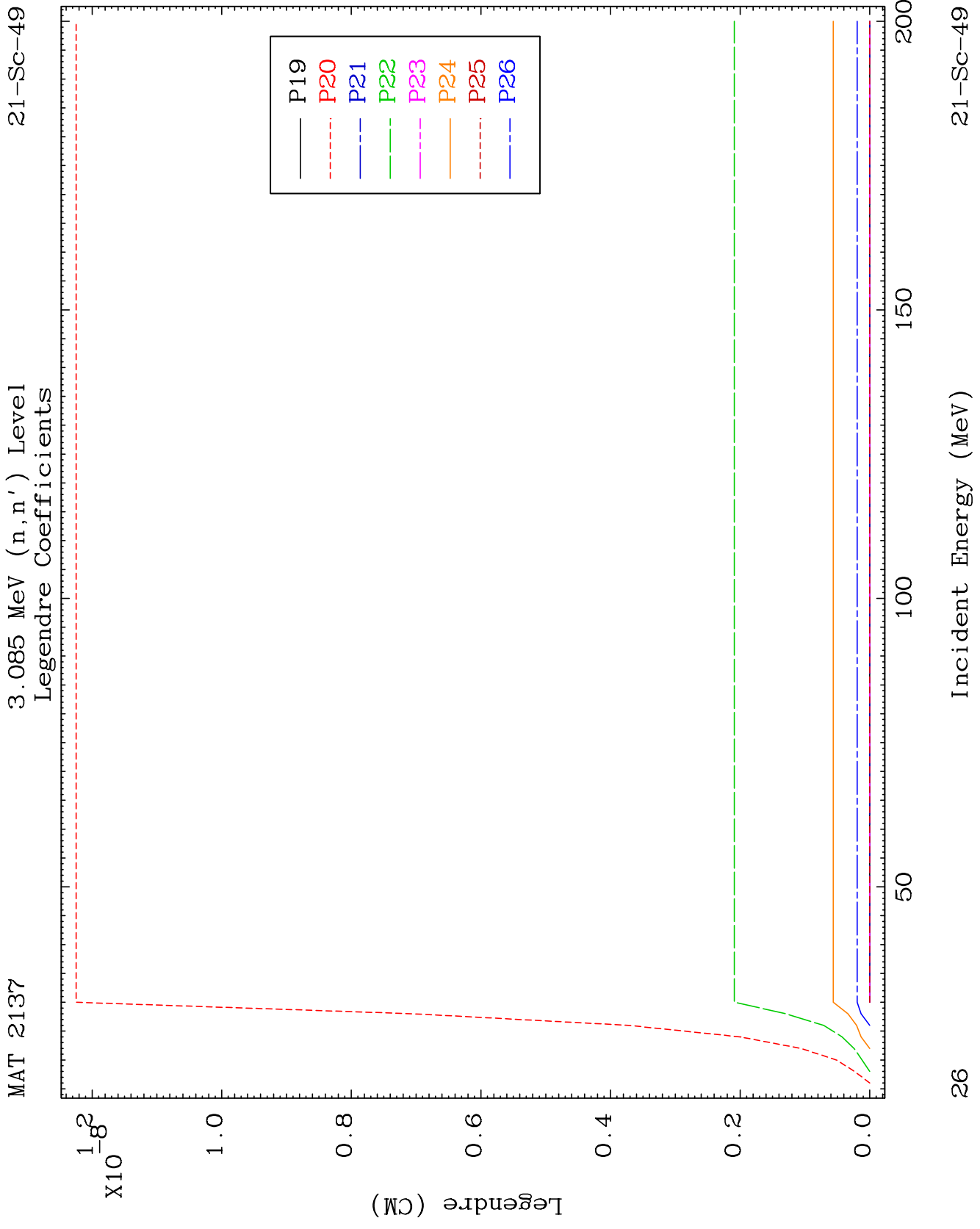
21-Sc-49

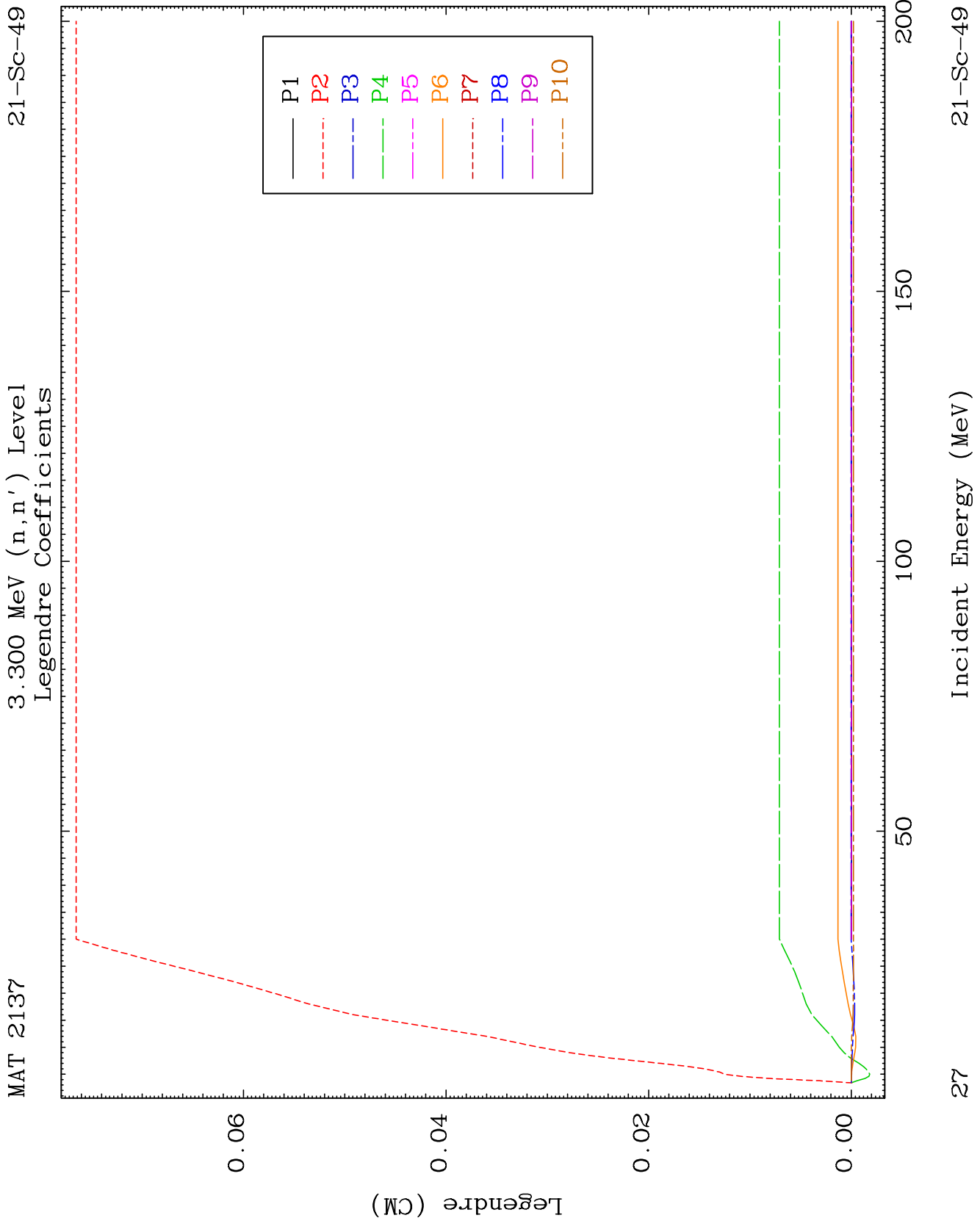


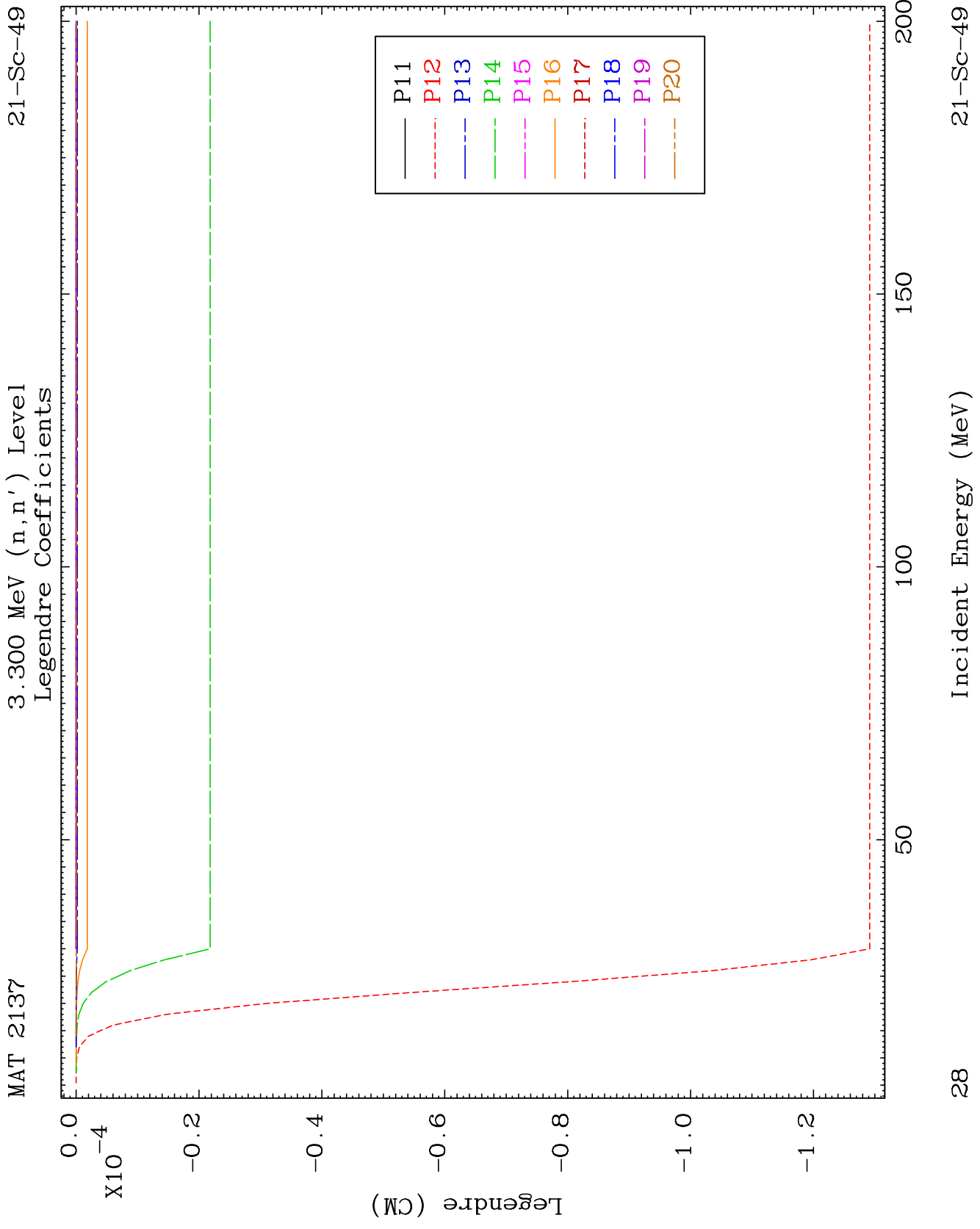
25

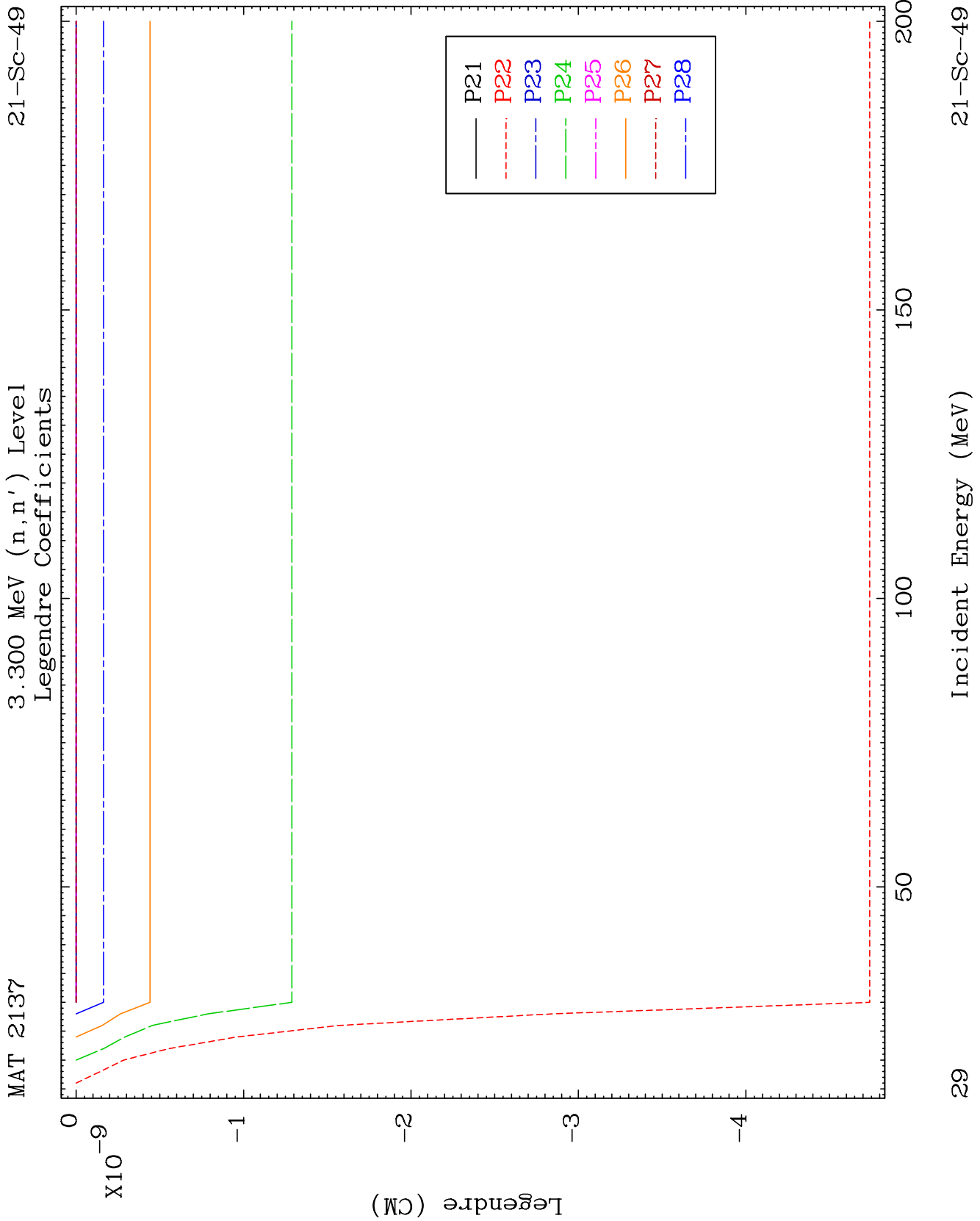
Incident Energy (MeV)

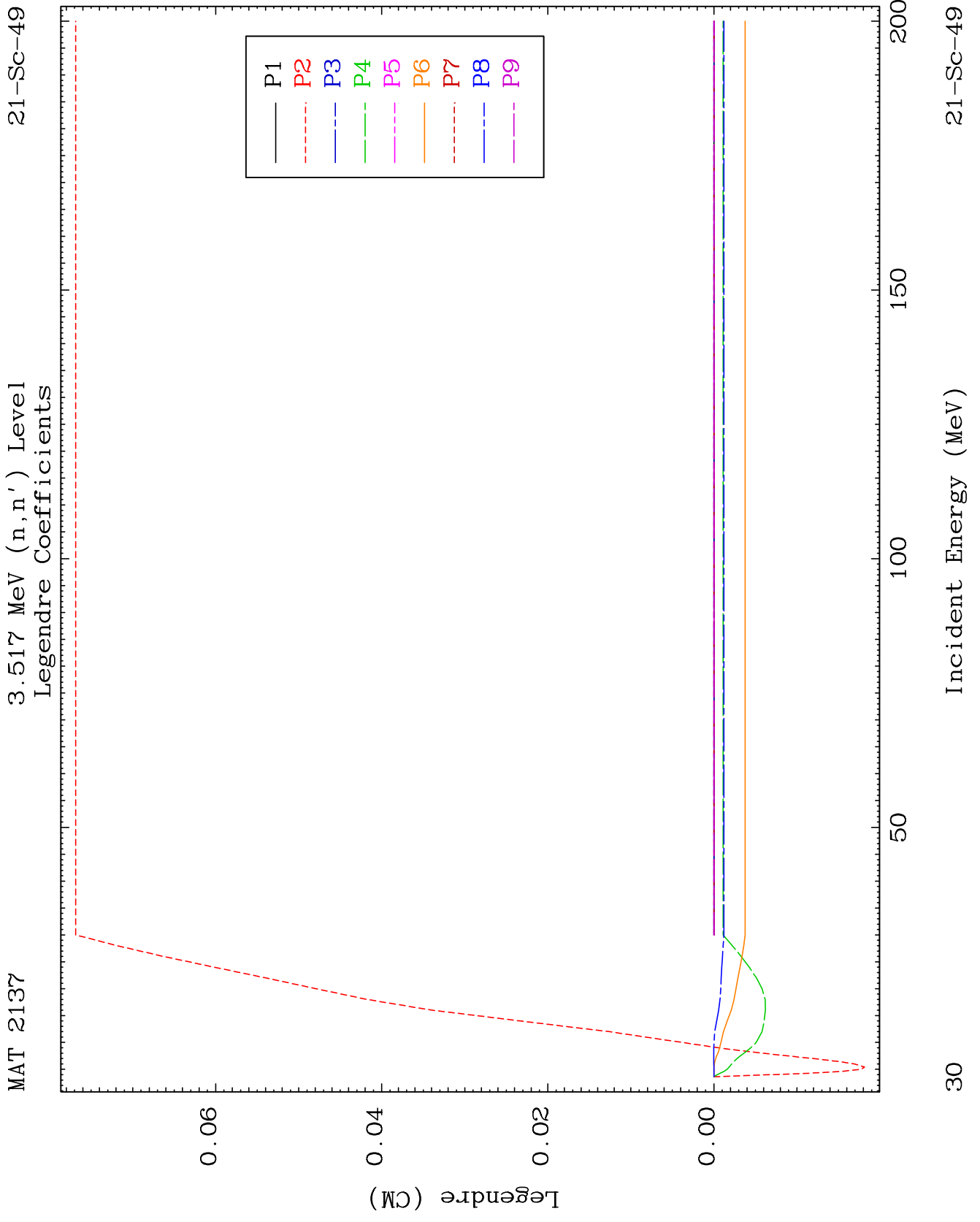
21-Sc-49







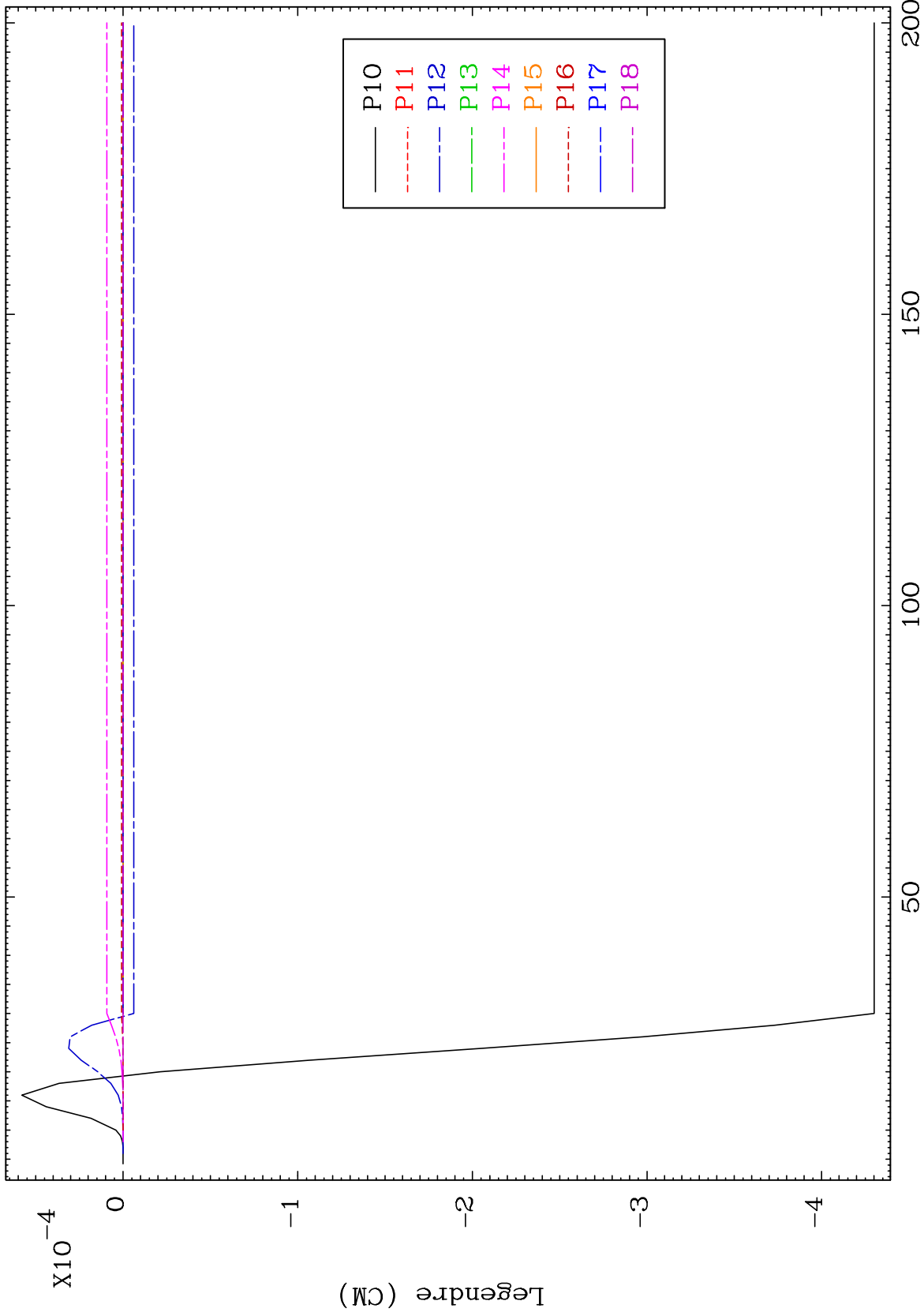




MAT 2137

3.517 MeV (n,n') Level
Legendre Coefficients

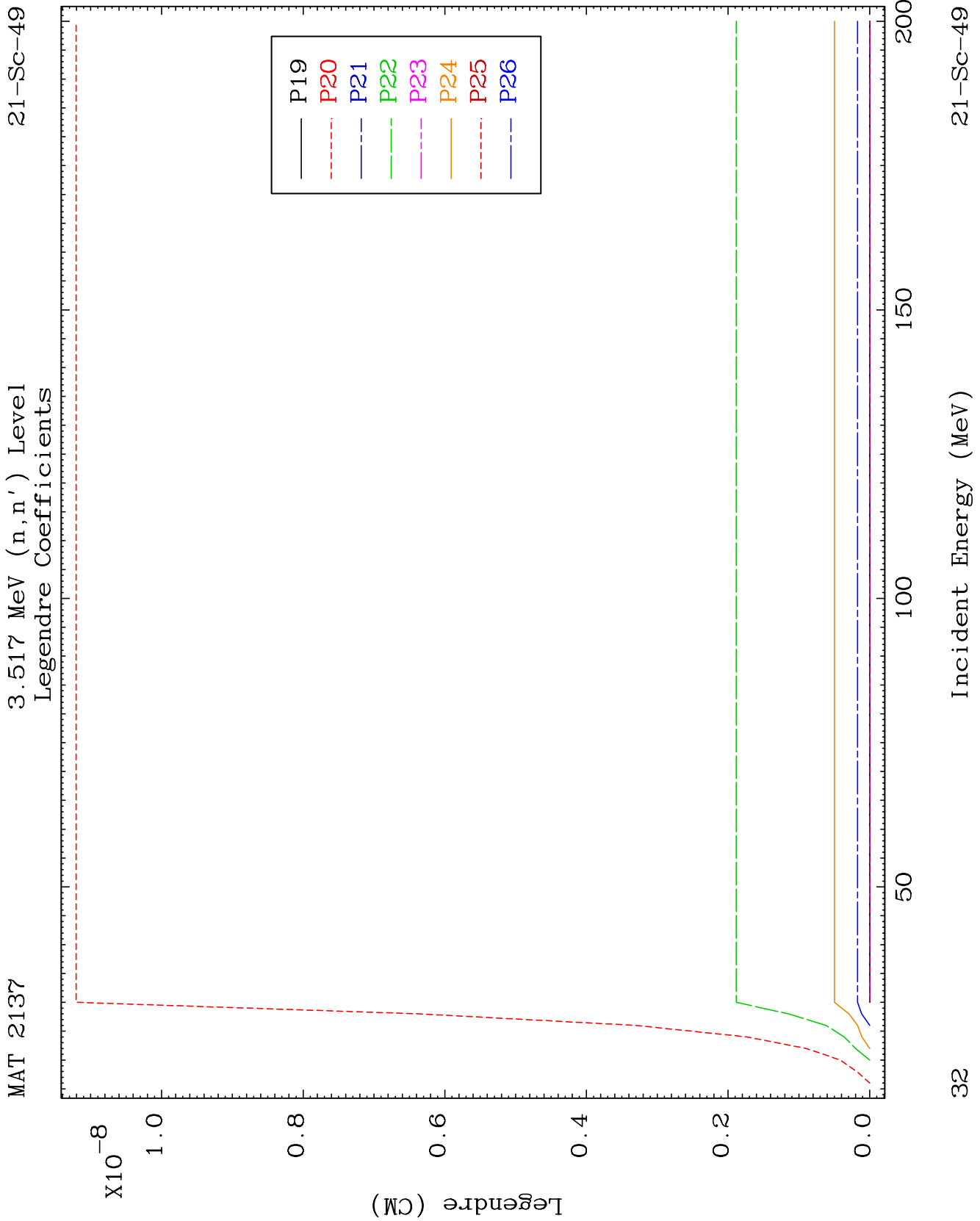
21-Sc-49

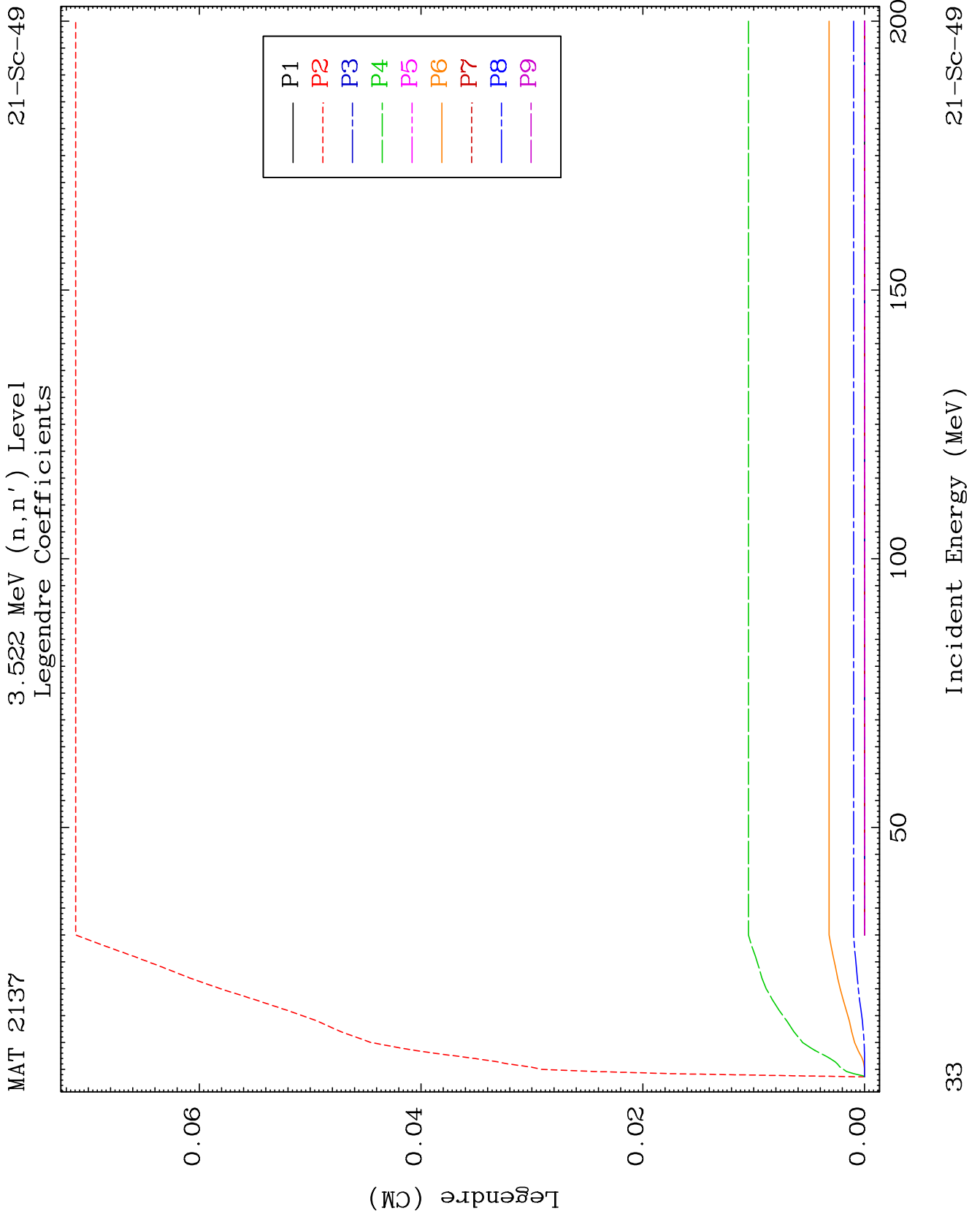


31

Incident Energy (MeV)

21-Sc-49

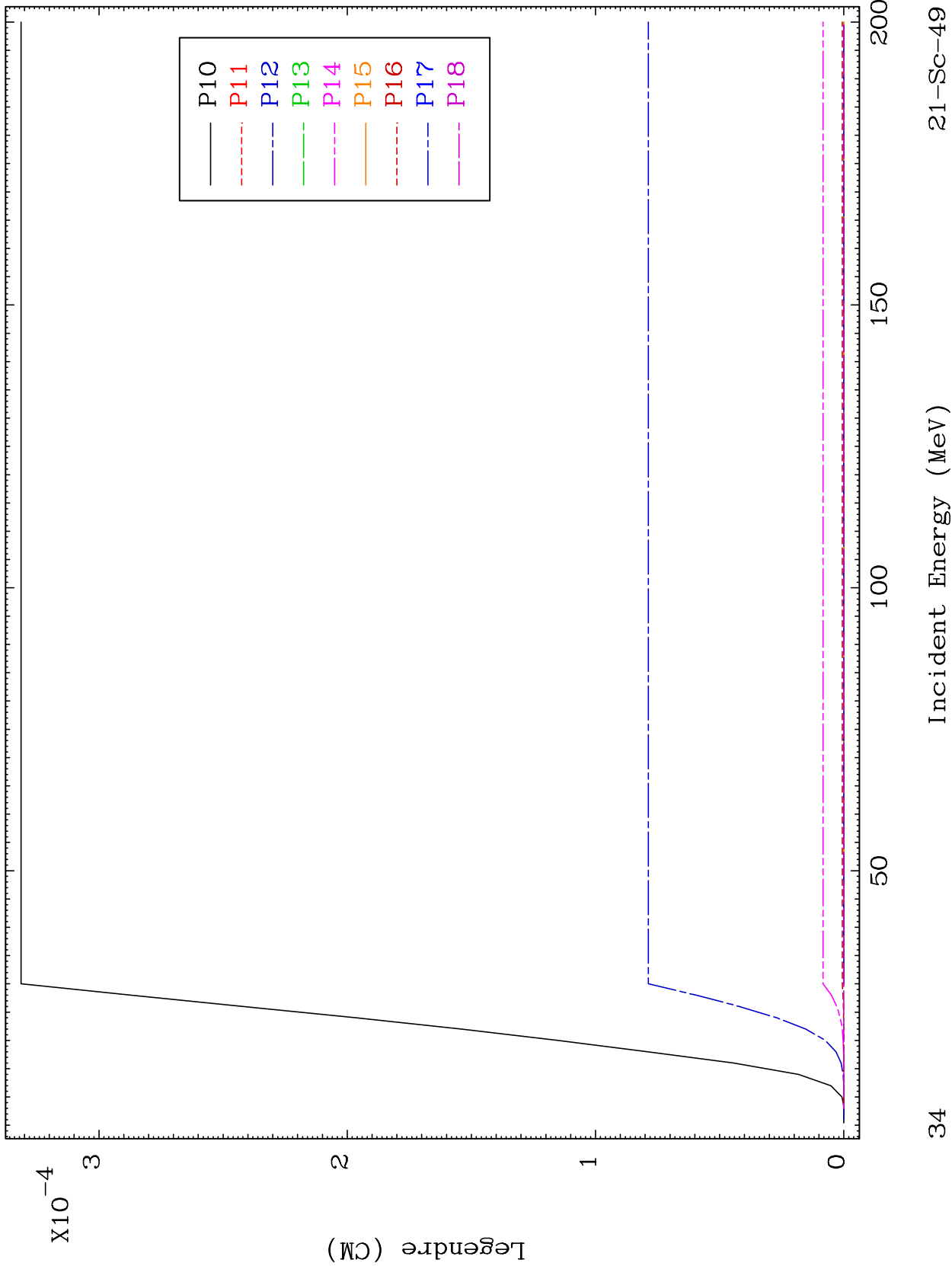




MAT 2137

3.522 MeV (n,n') Level
Legendre Coefficients

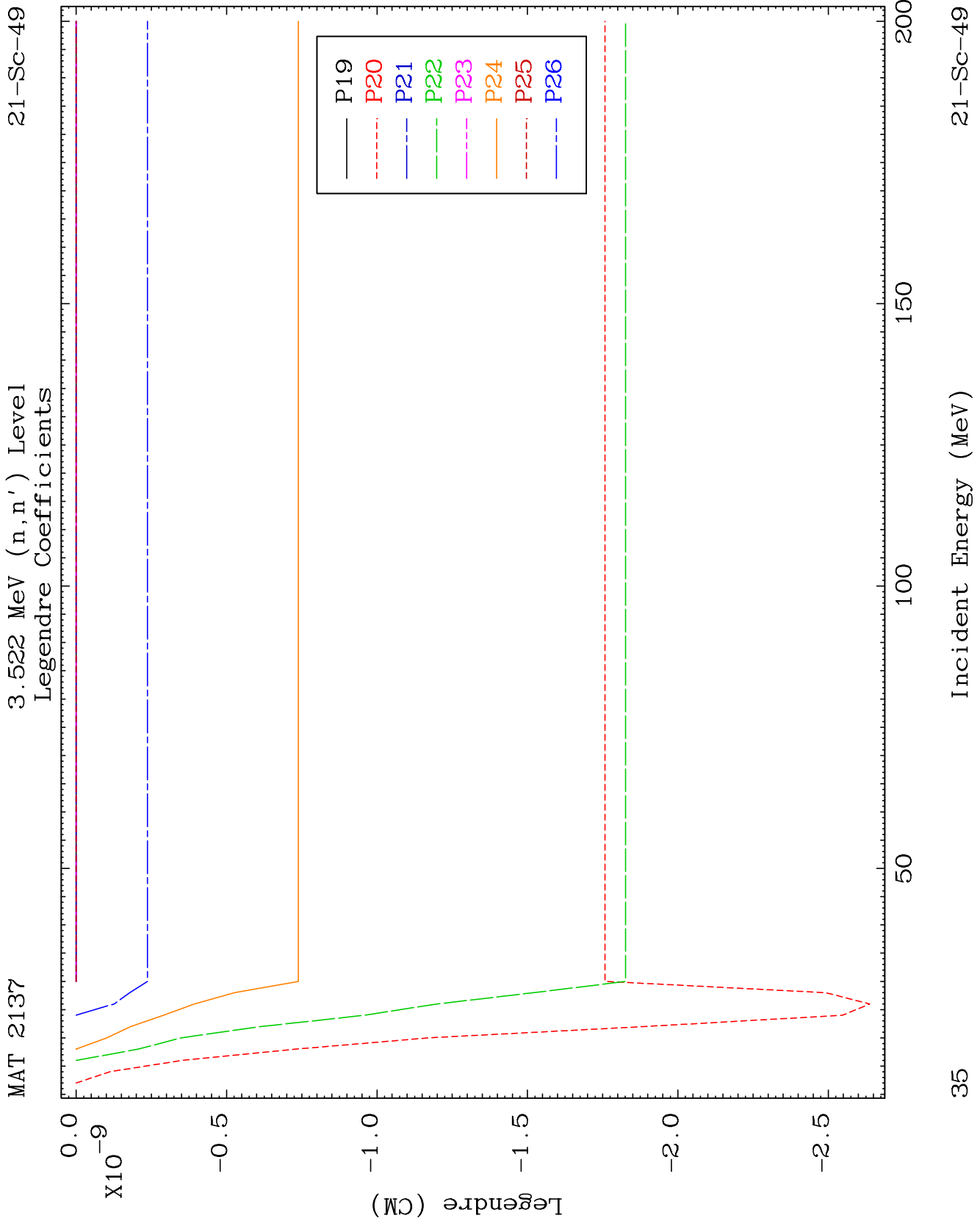
21-Sc-49

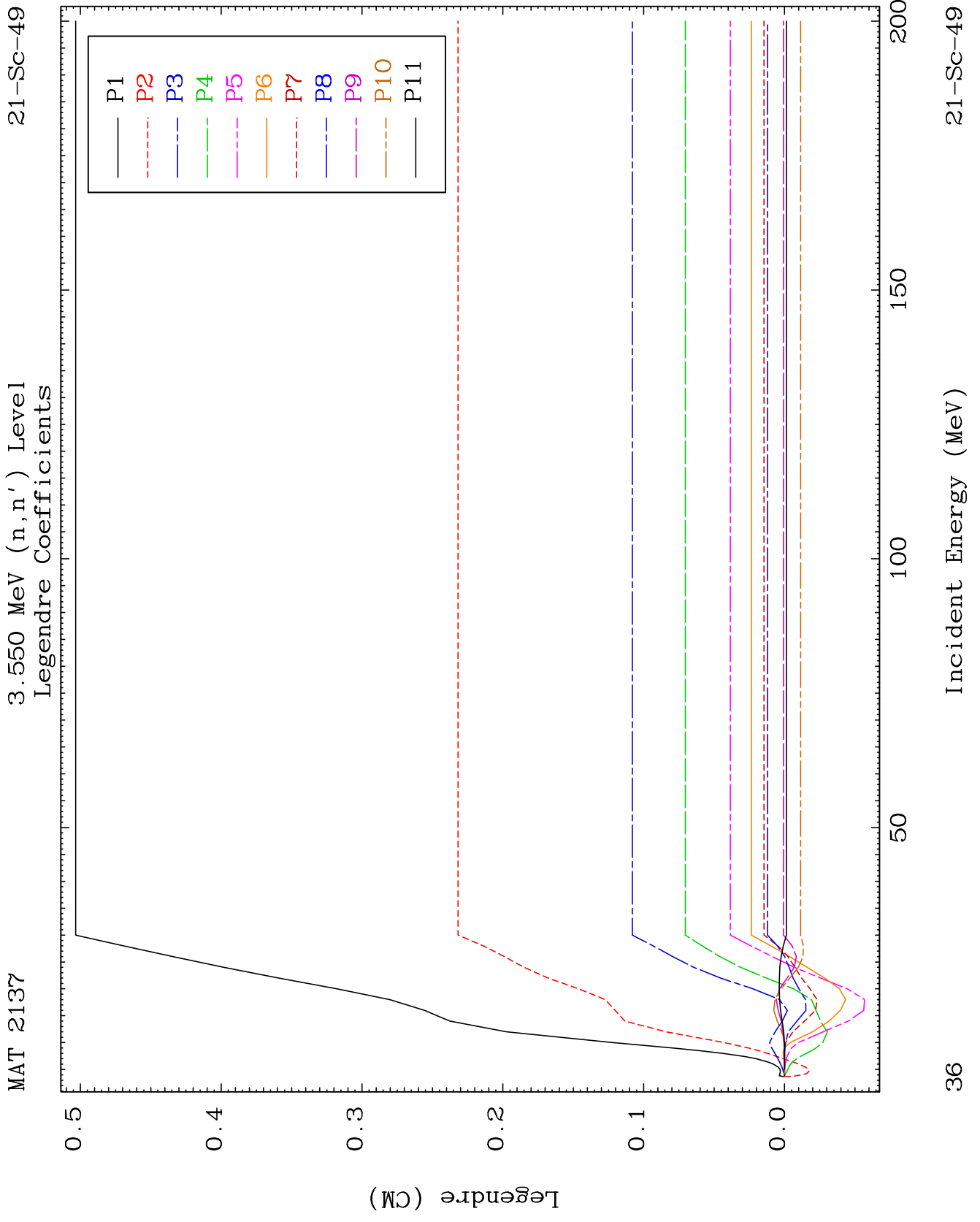


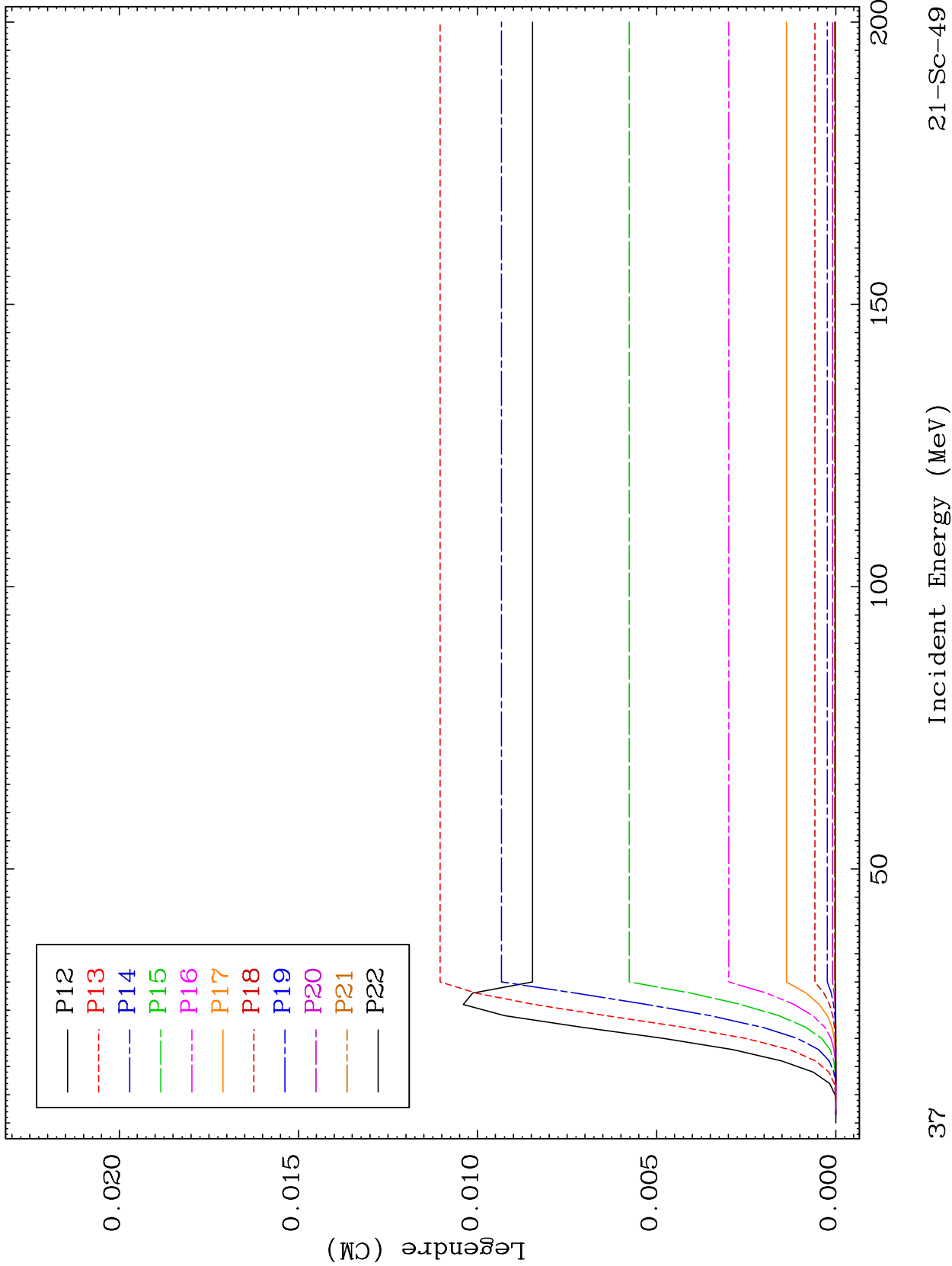
34

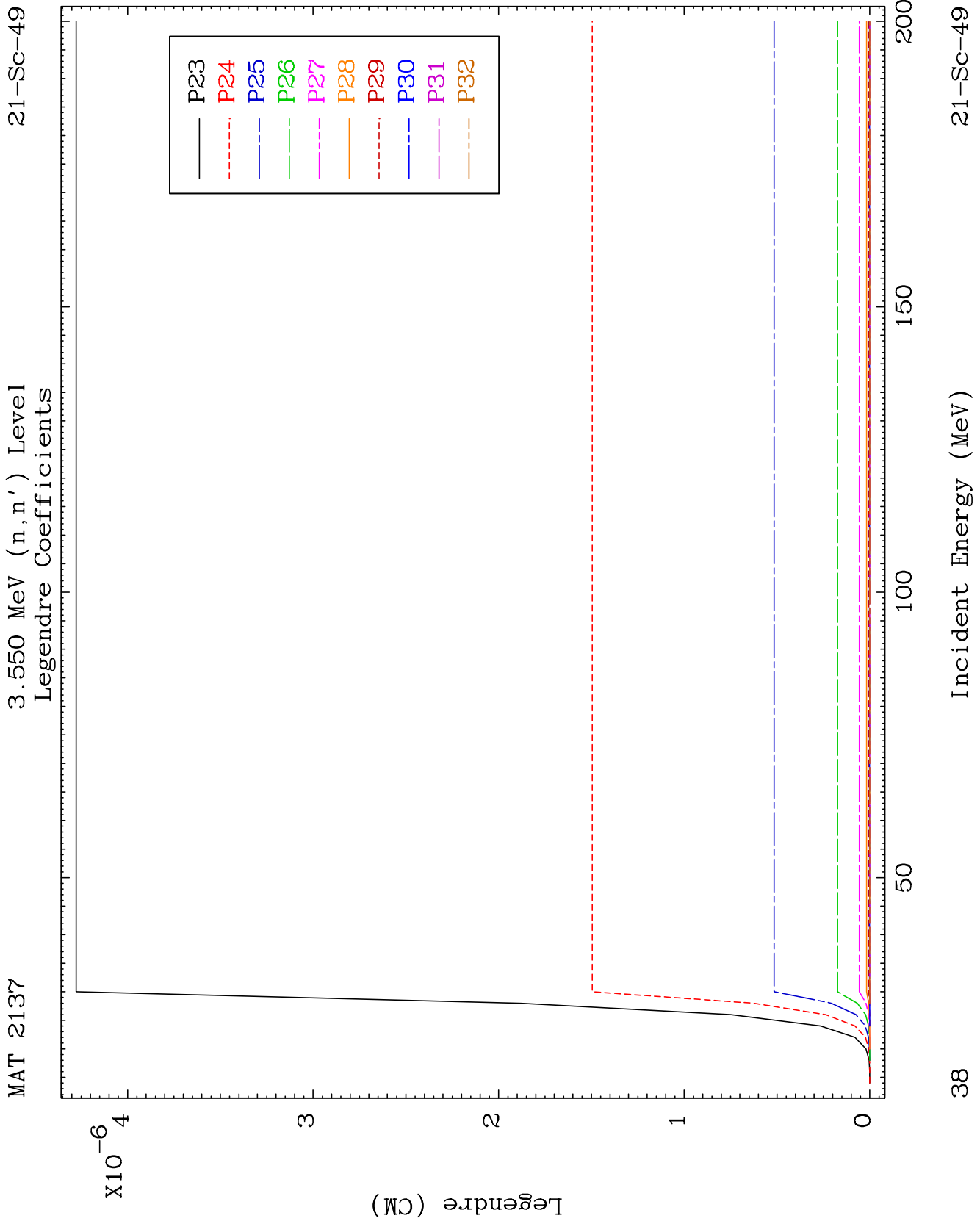
Incident Energy (MeV)

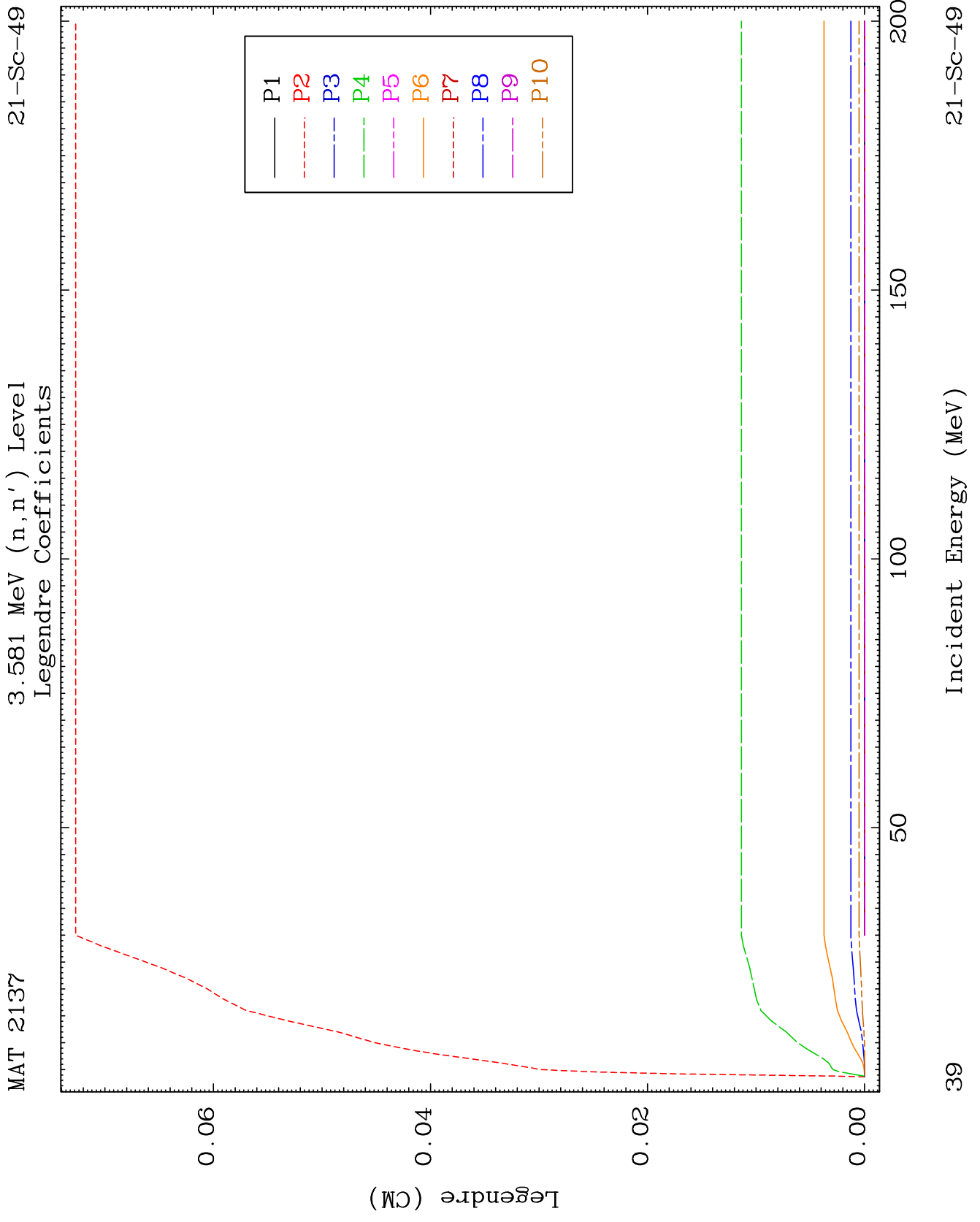
21-Sc-49

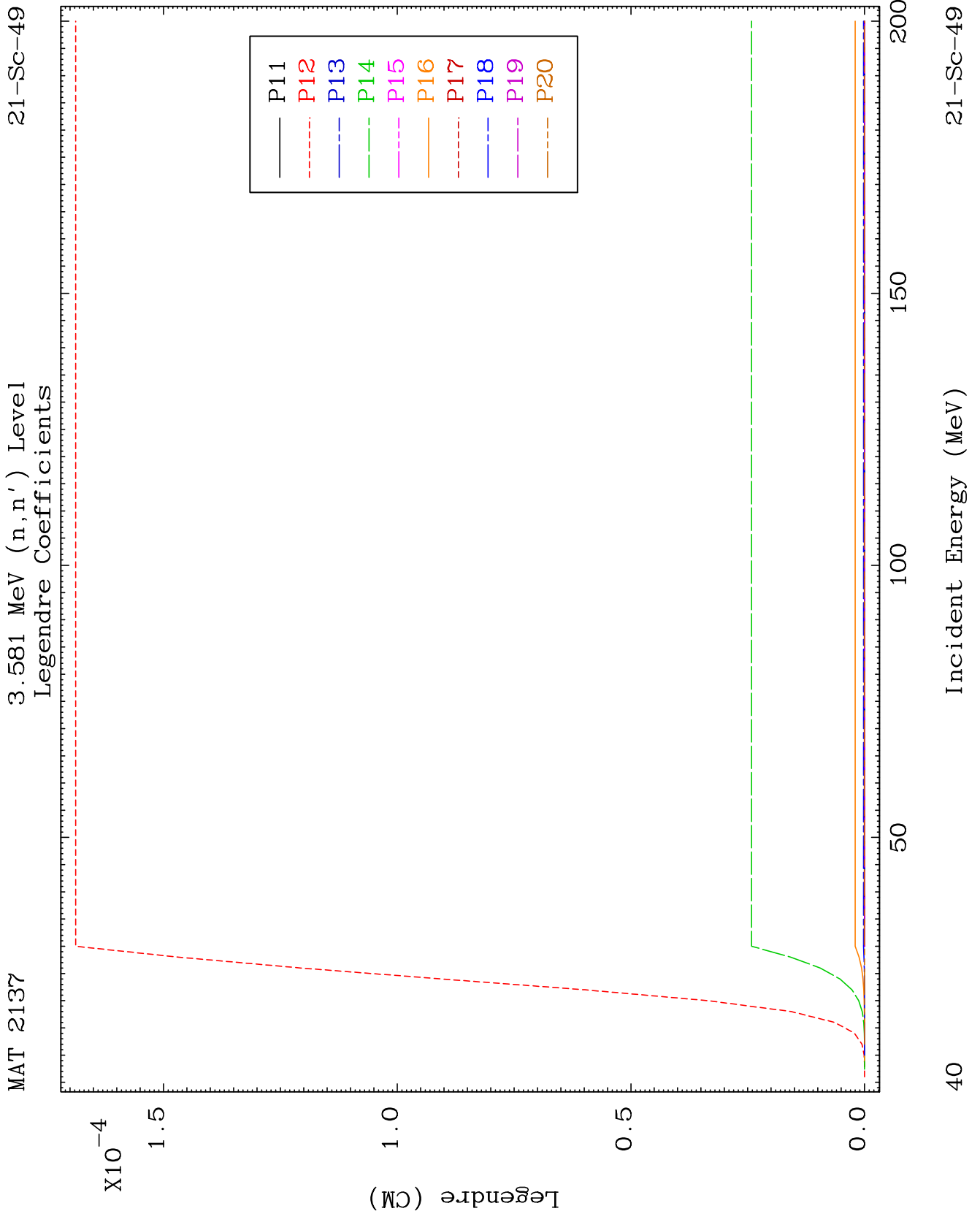


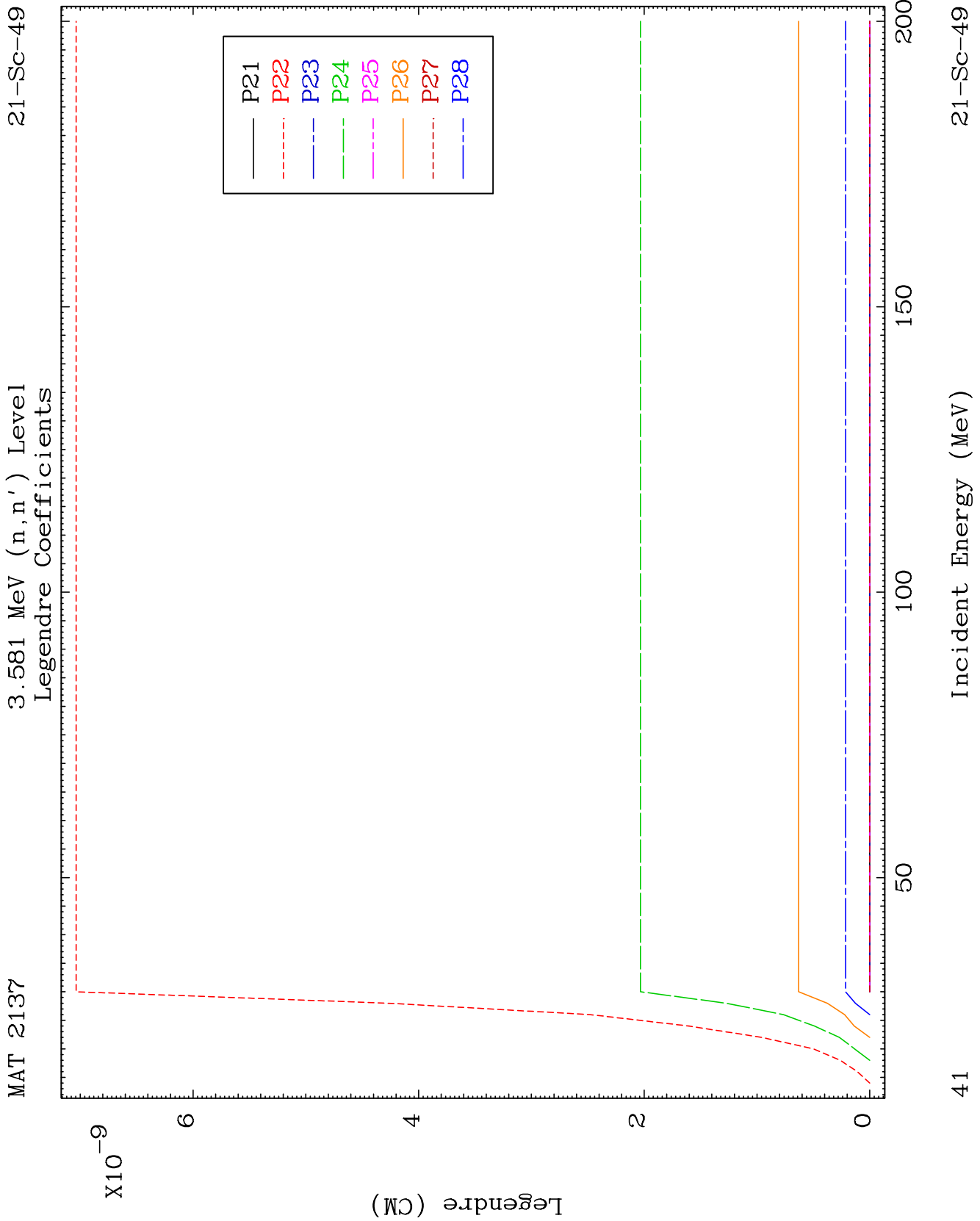


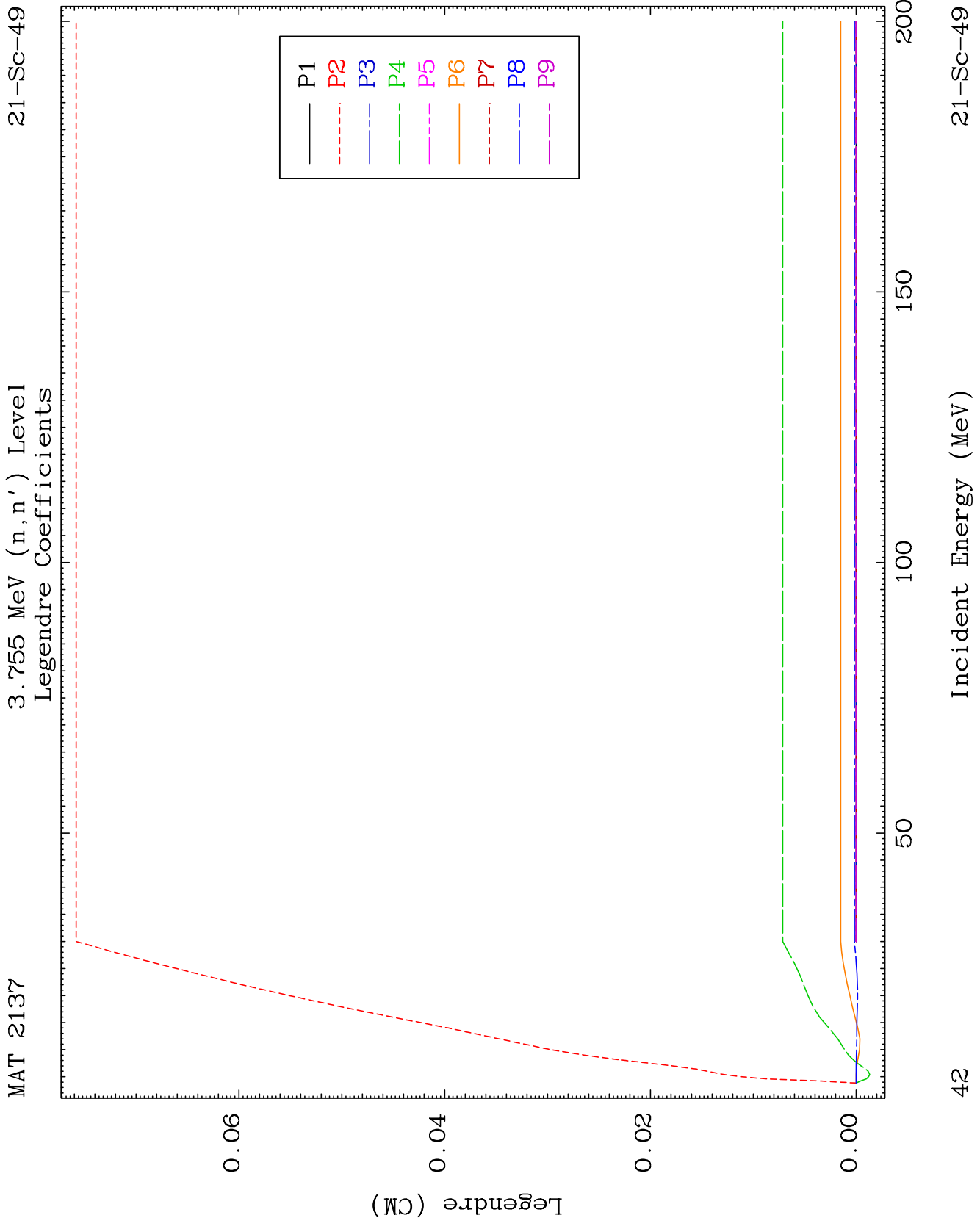








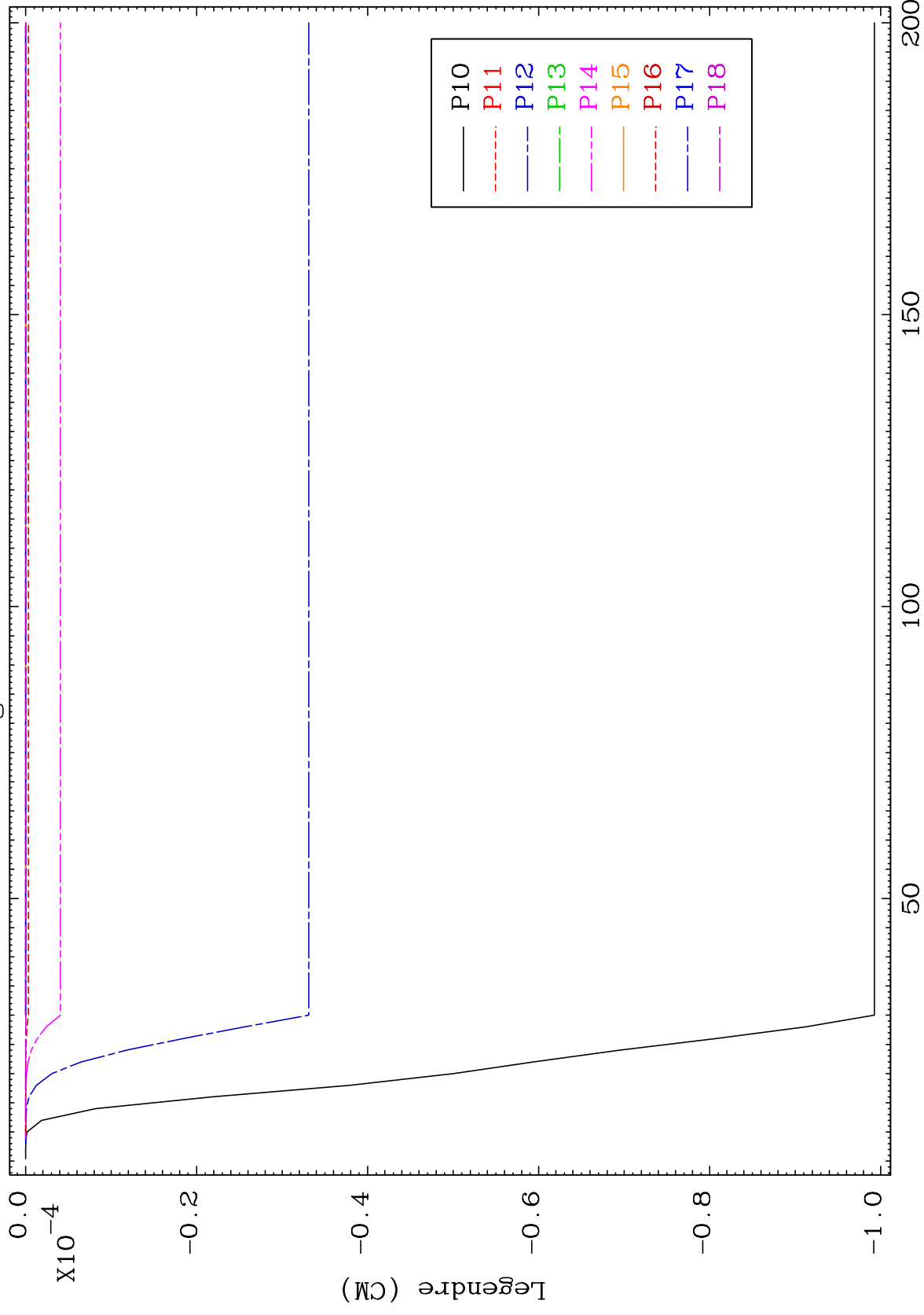




MAT 2137

3.755 MeV (n,n') Level
Legendre Coefficients

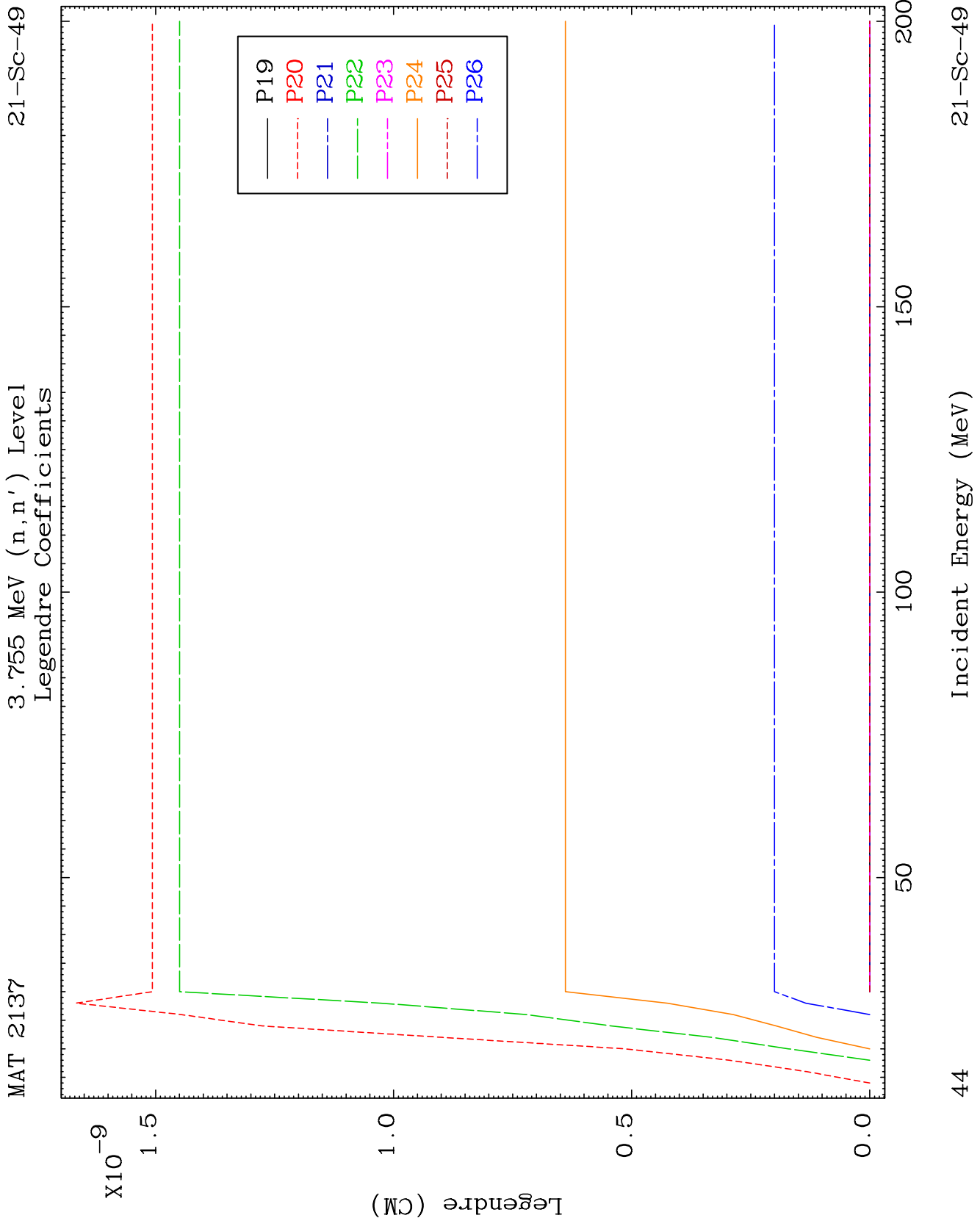
21-Sc-49

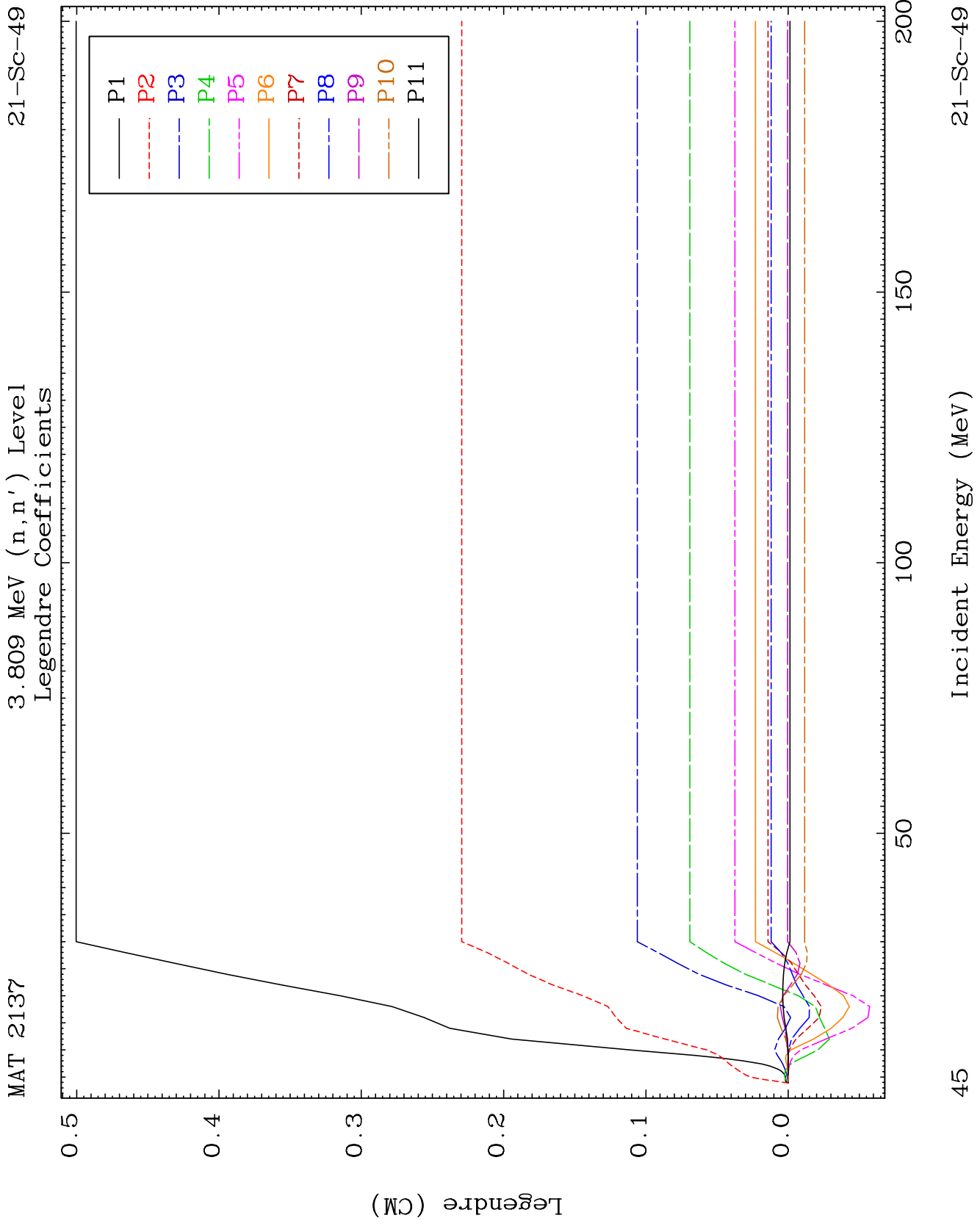


43

Incident Energy (MeV)

21-Sc-49

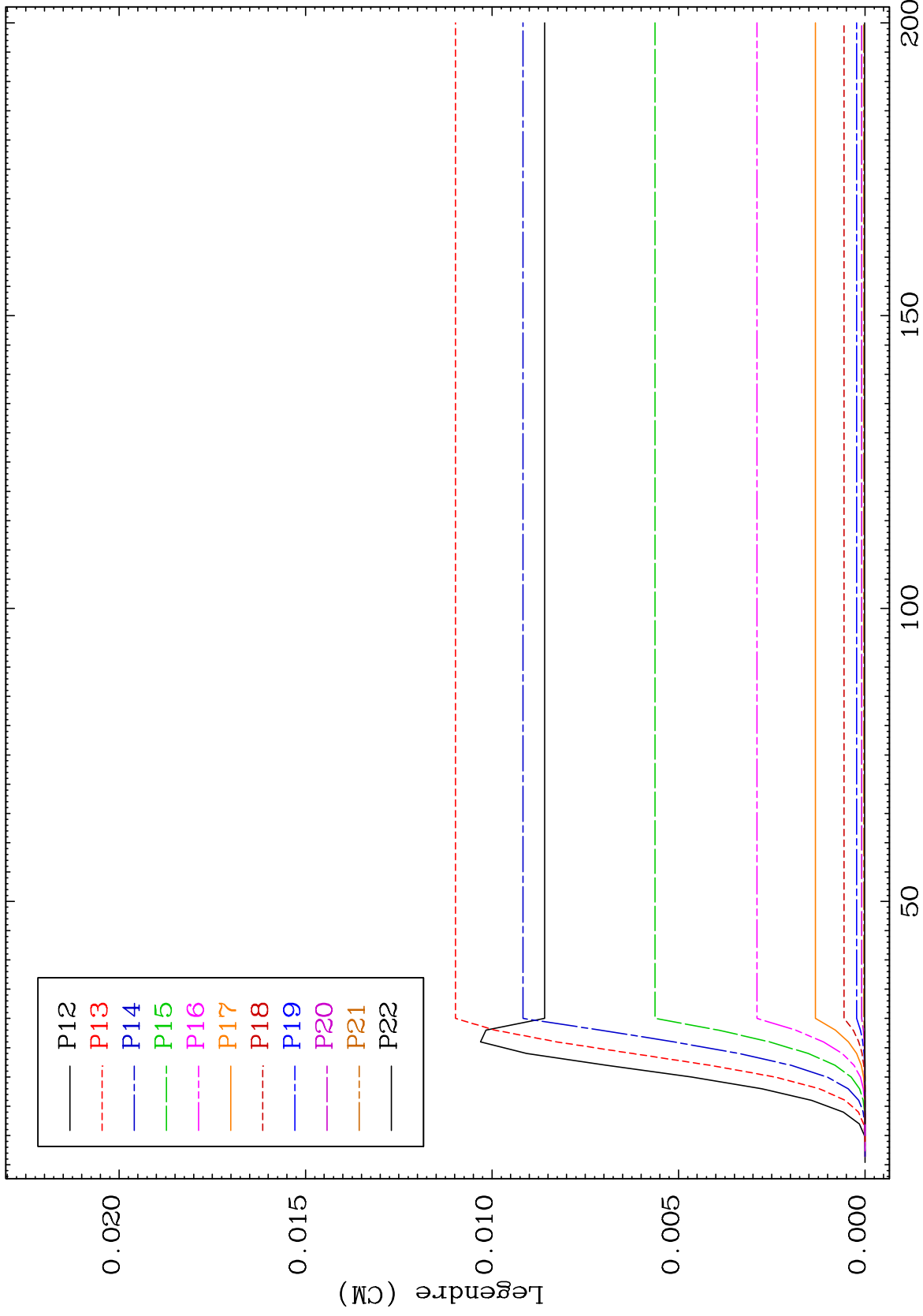




MAT 2137

3.809 MeV (n,n') Level Legendre Coefficients

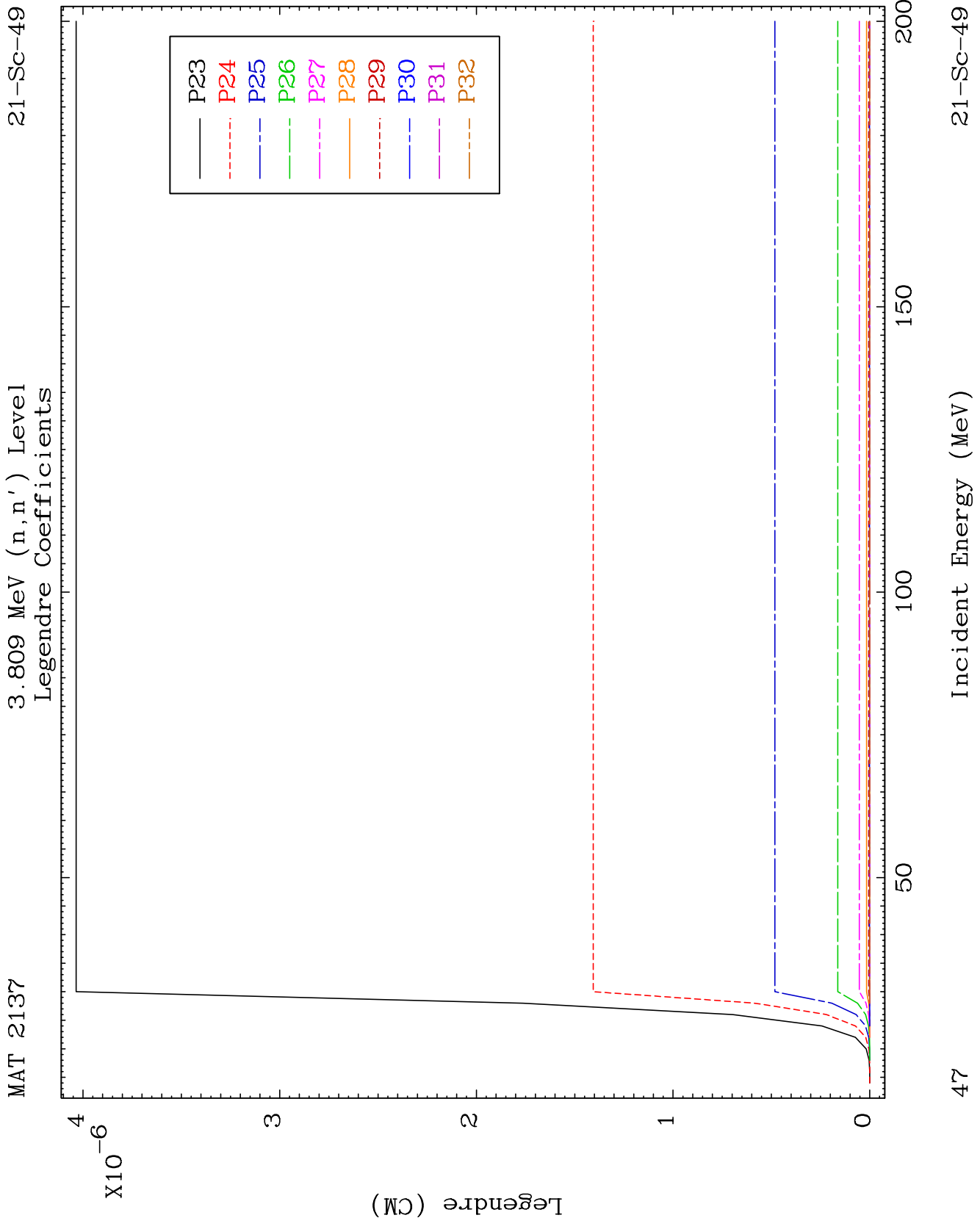
21-Sc-49

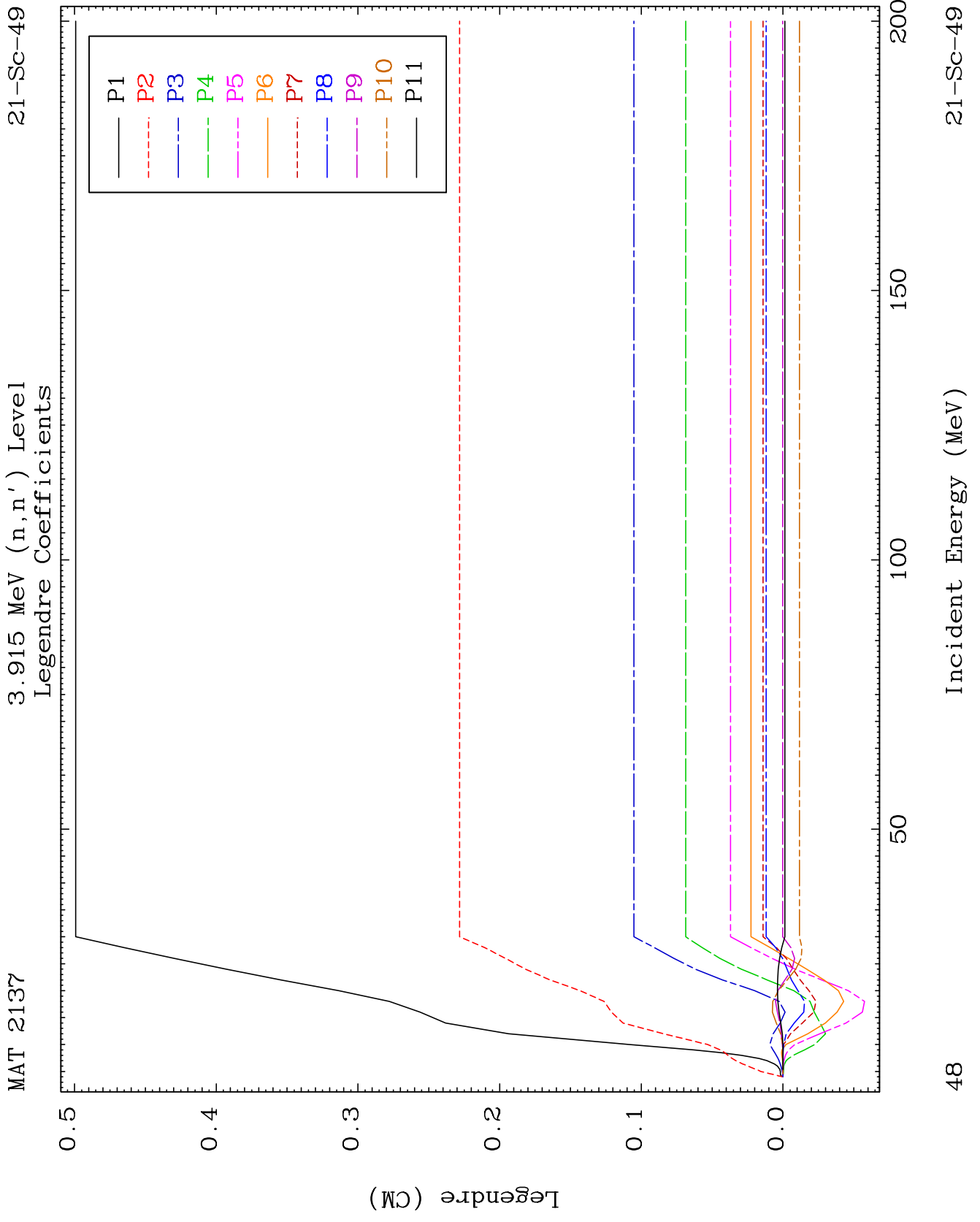


46

Incident Energy (MeV)

21-Sc-49

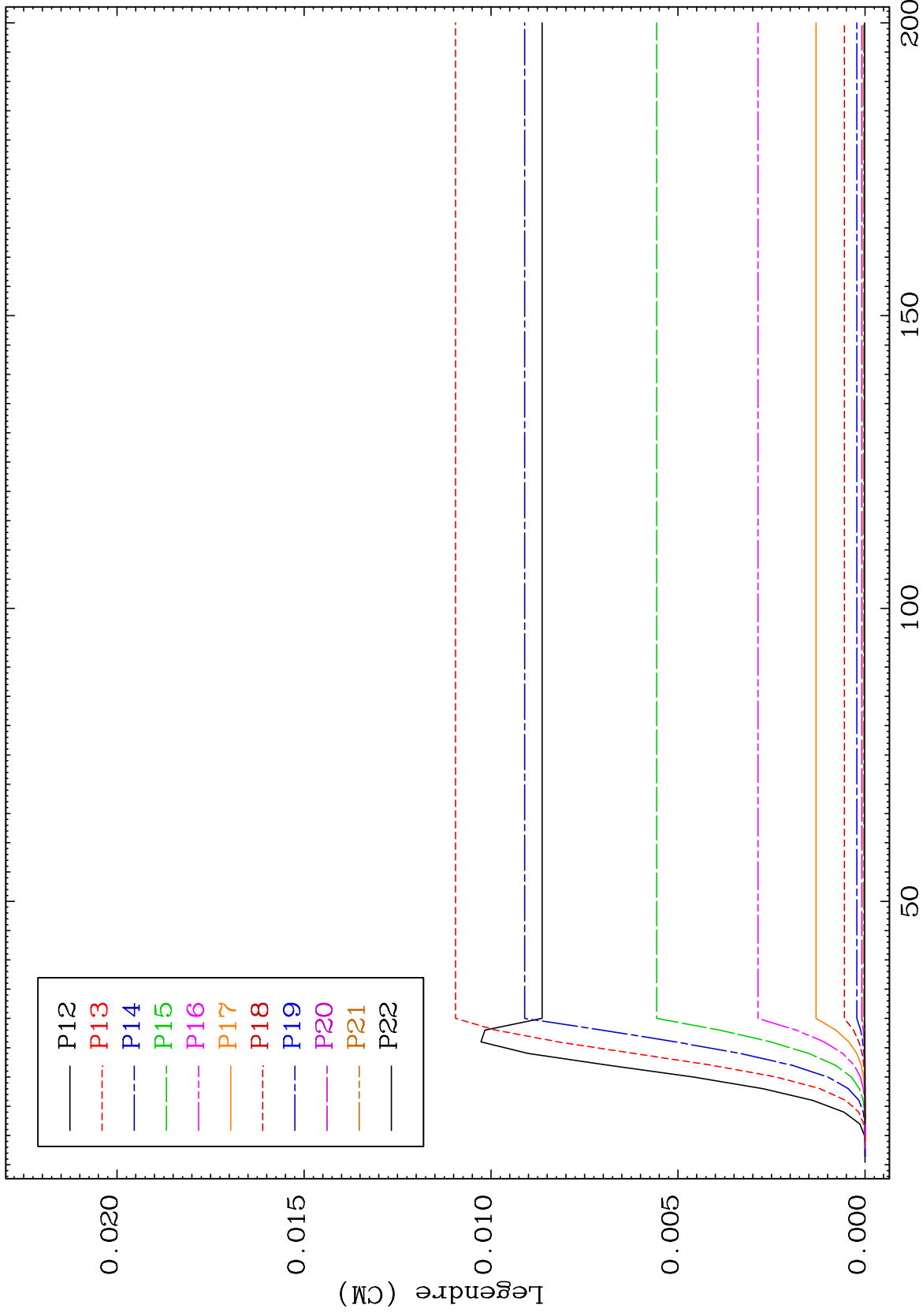




MAT 2137

3.915 MeV (n,n') Level
Legendre Coefficients

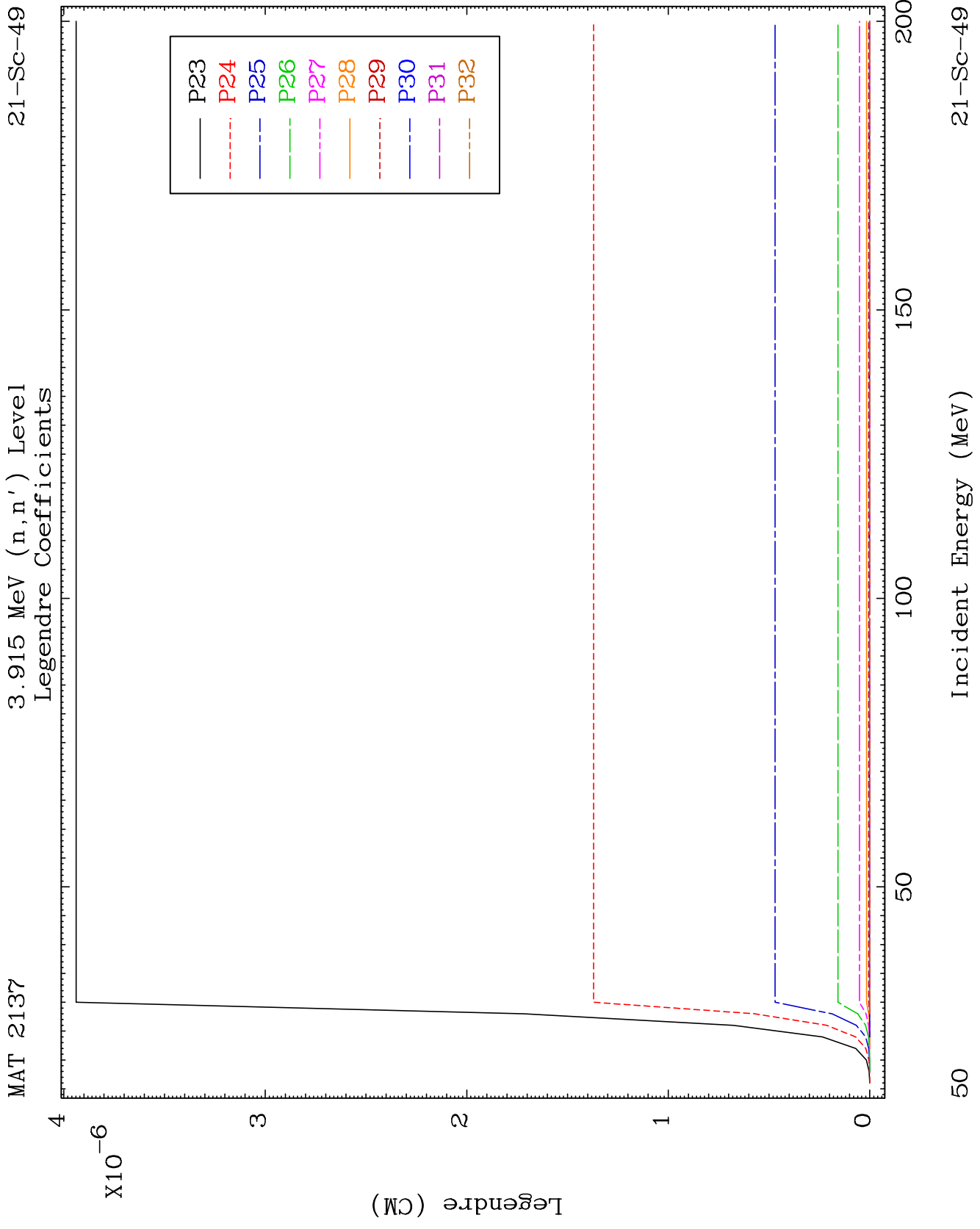
21-Sc-49



49

Incident Energy (MeV)

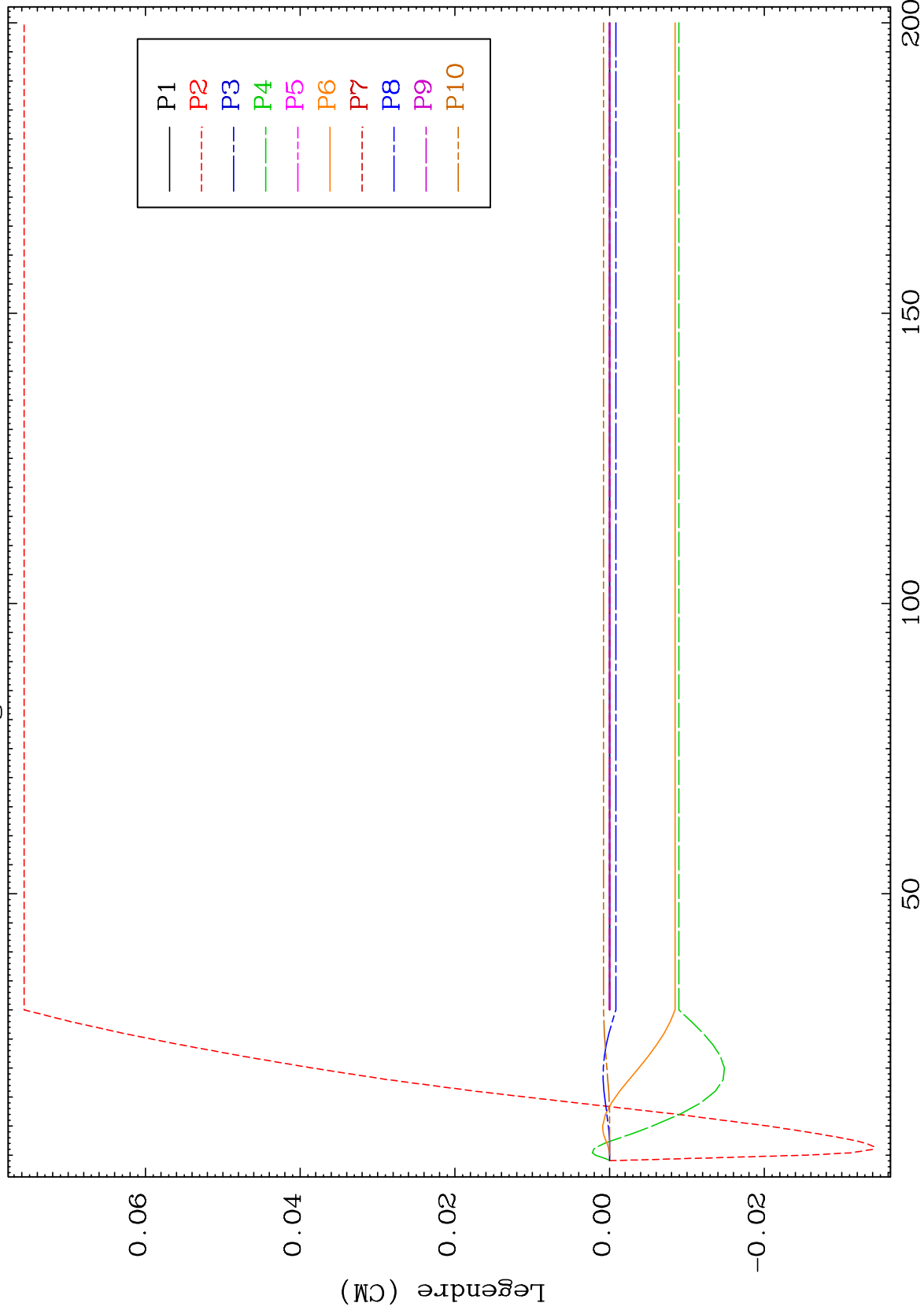
21-Sc-49



MAT 2137

3.951 MeV (n,n') Level
Legendre Coefficients

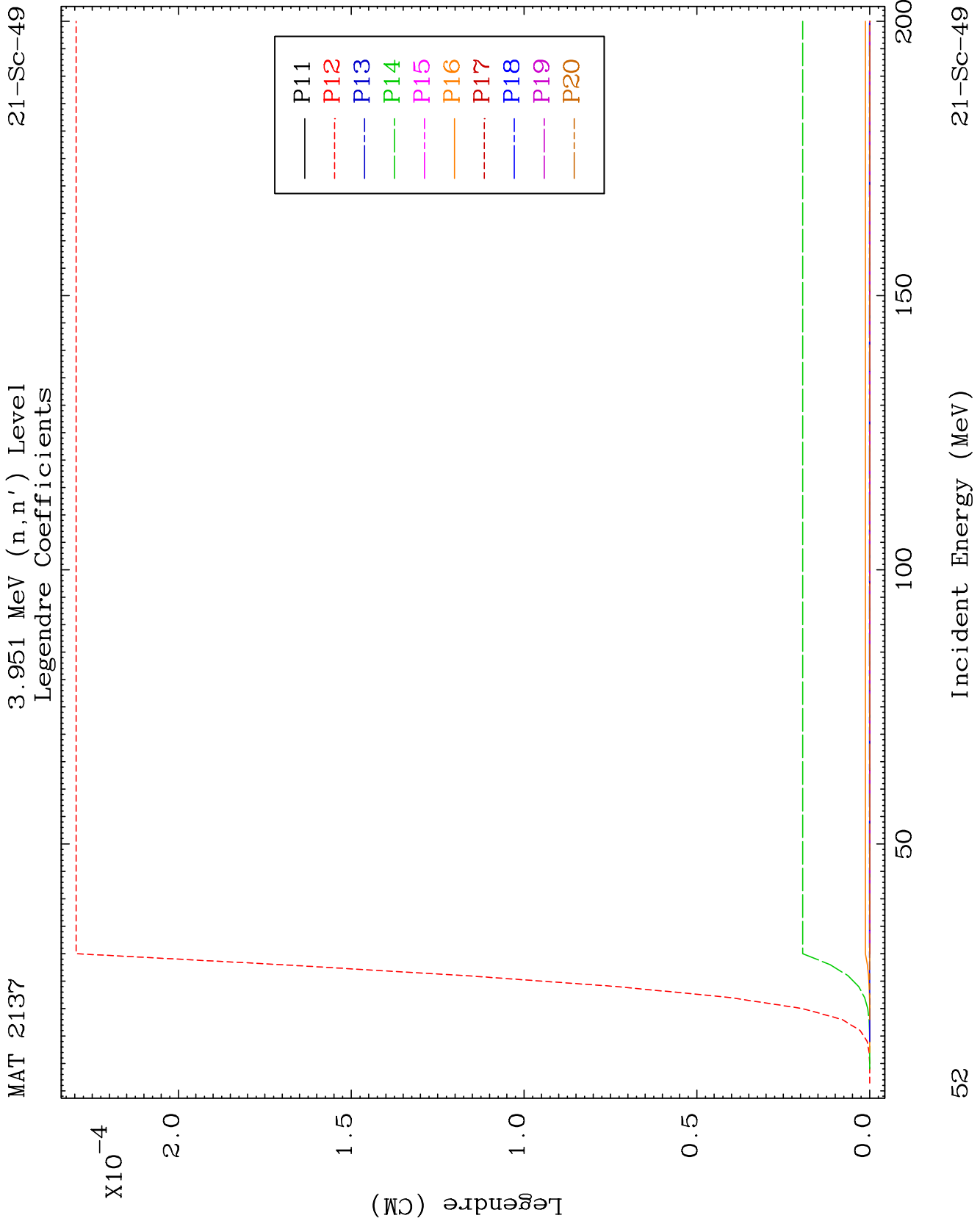
21-Sc-49

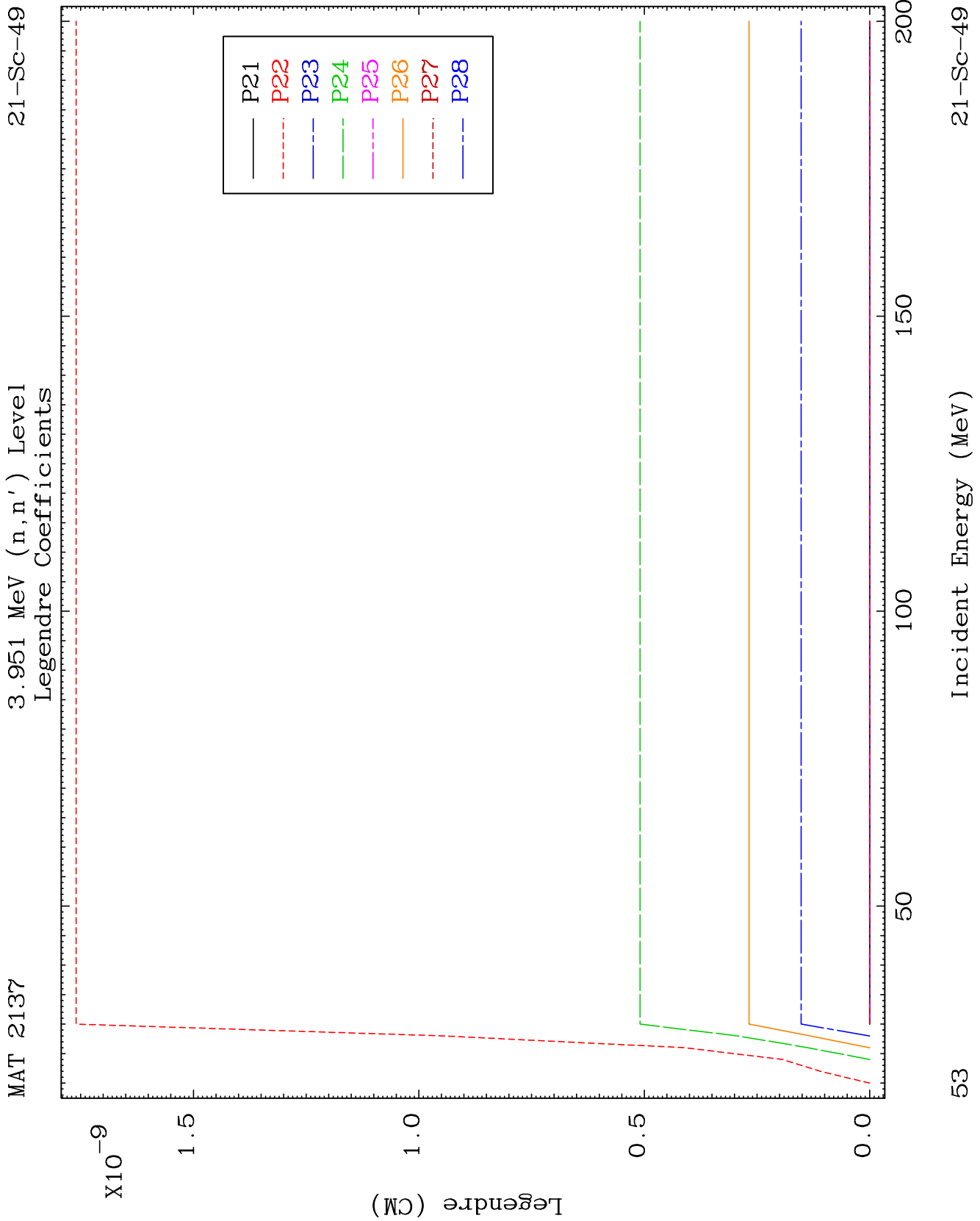


51

Incident Energy (MeV)

21-Sc-49

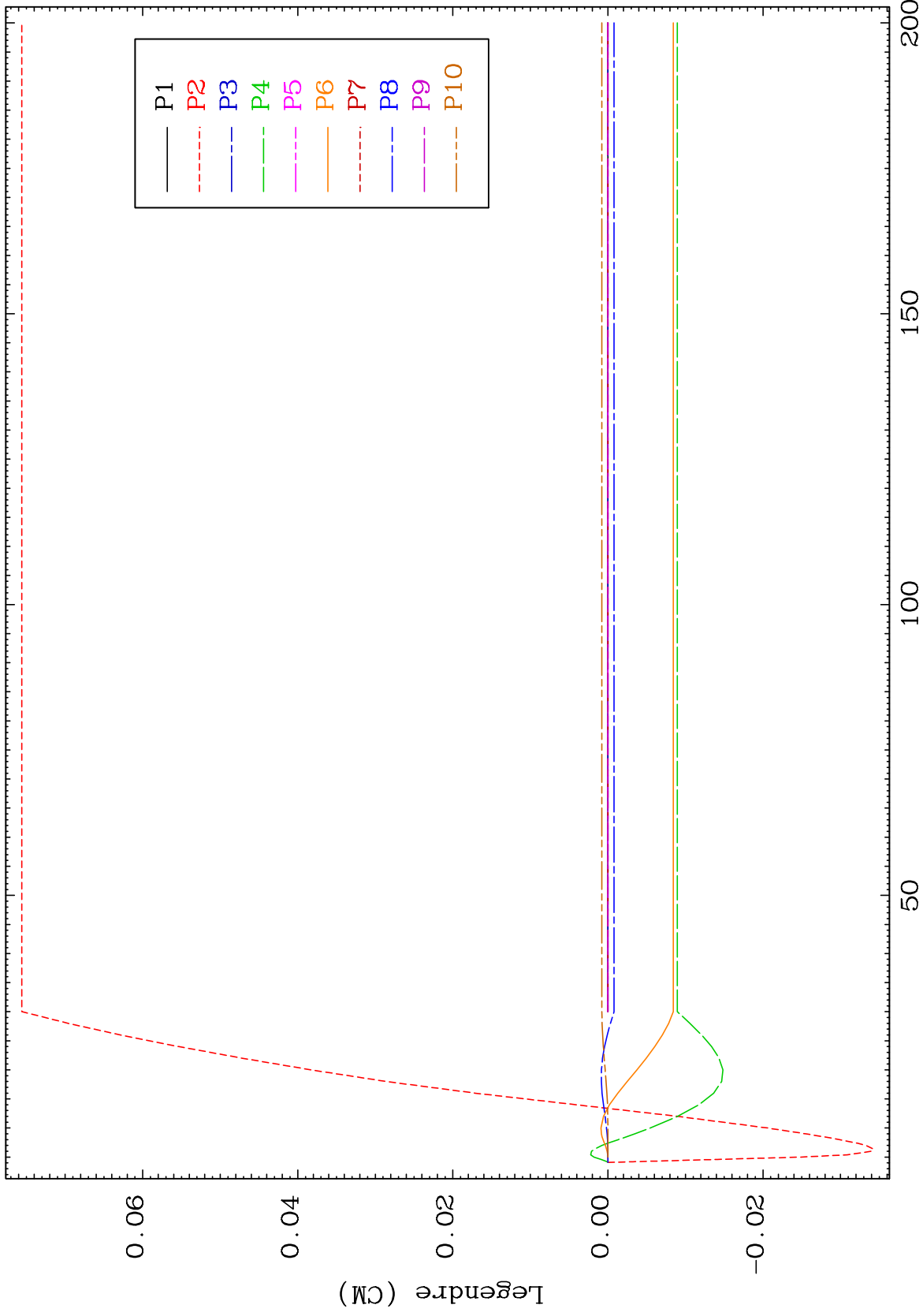




MAT 2137

3.991 MeV (n,n') Level
Legendre Coefficients

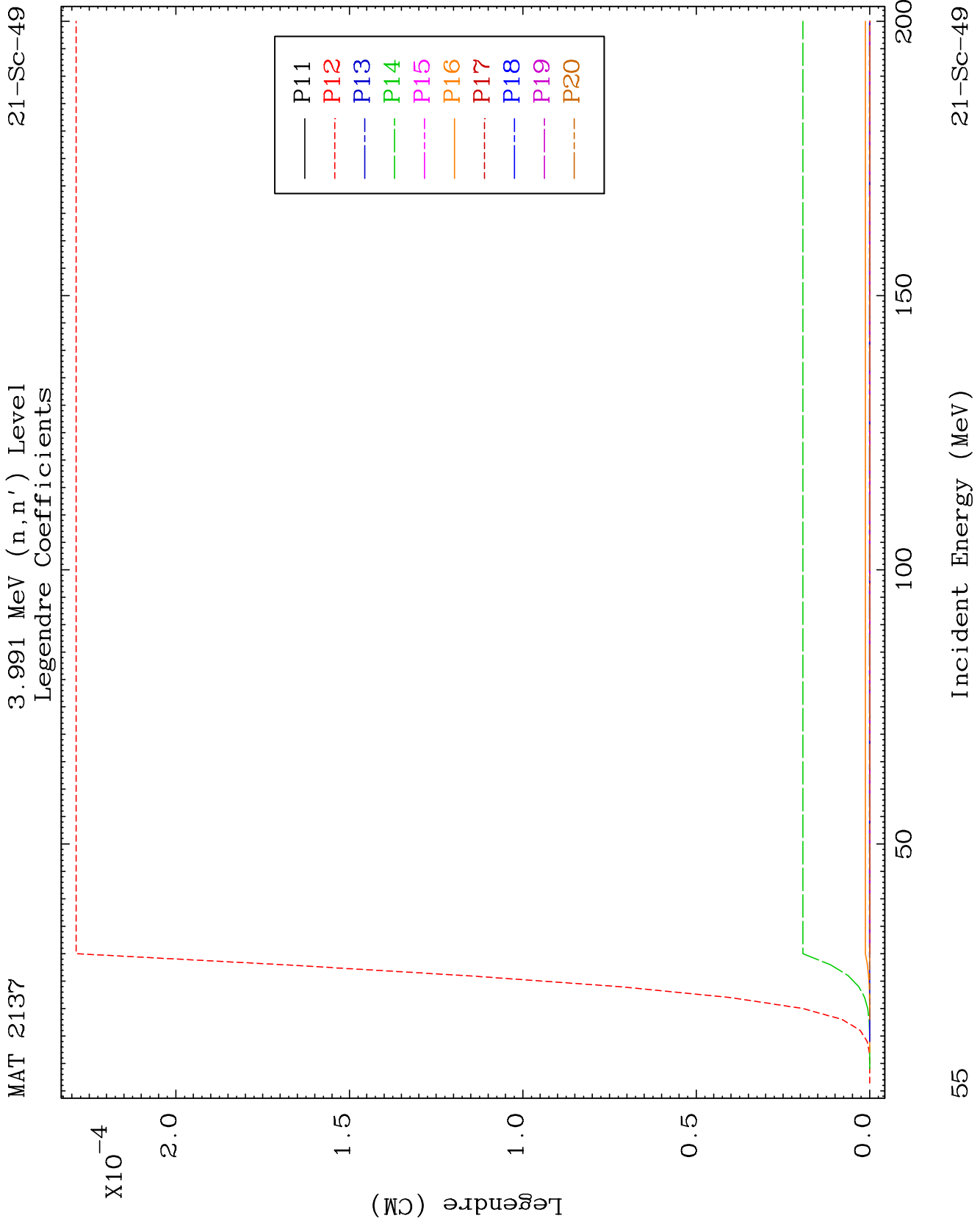
21-Sc-49

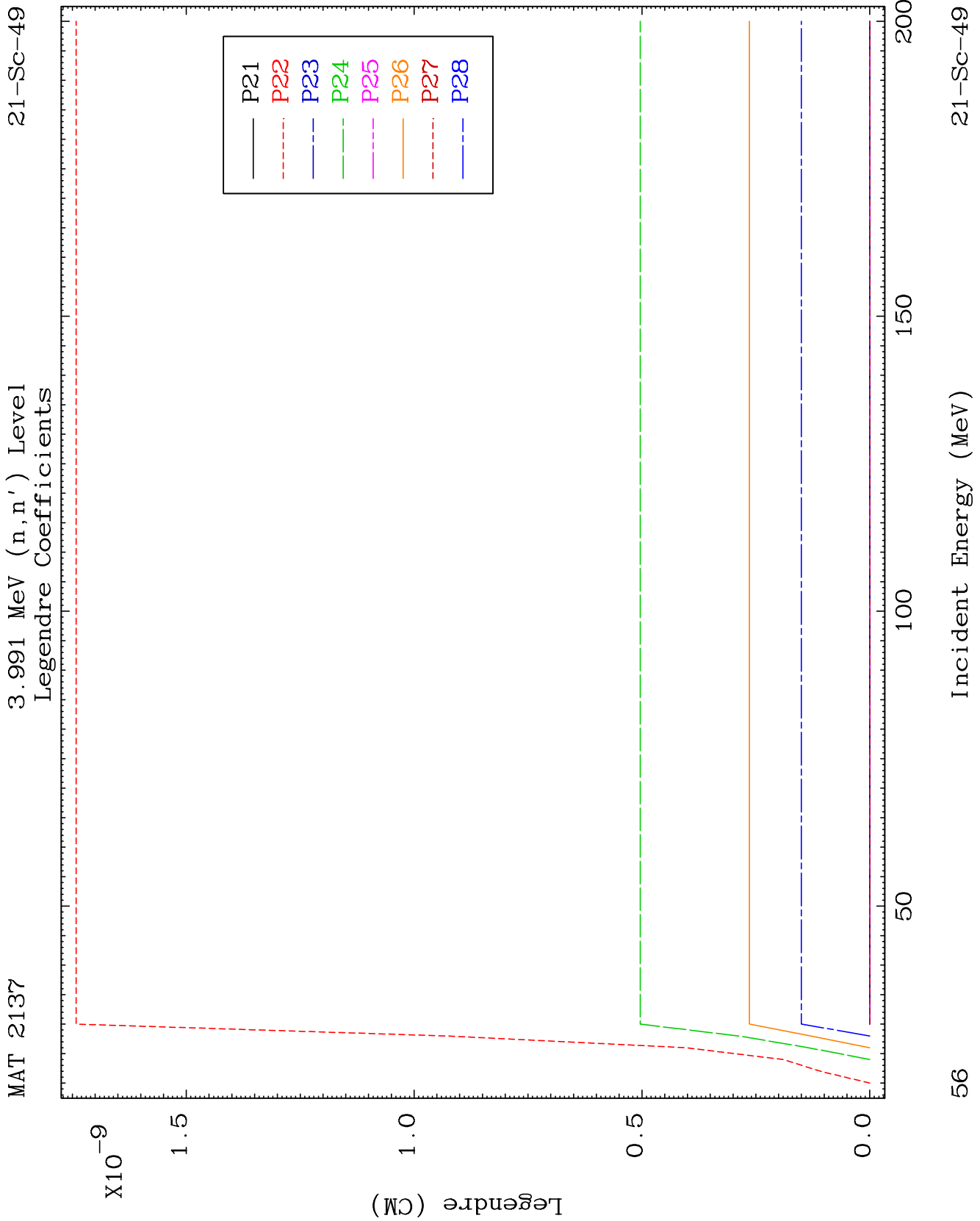


54

Incident Energy (MeV)

21-Sc-49

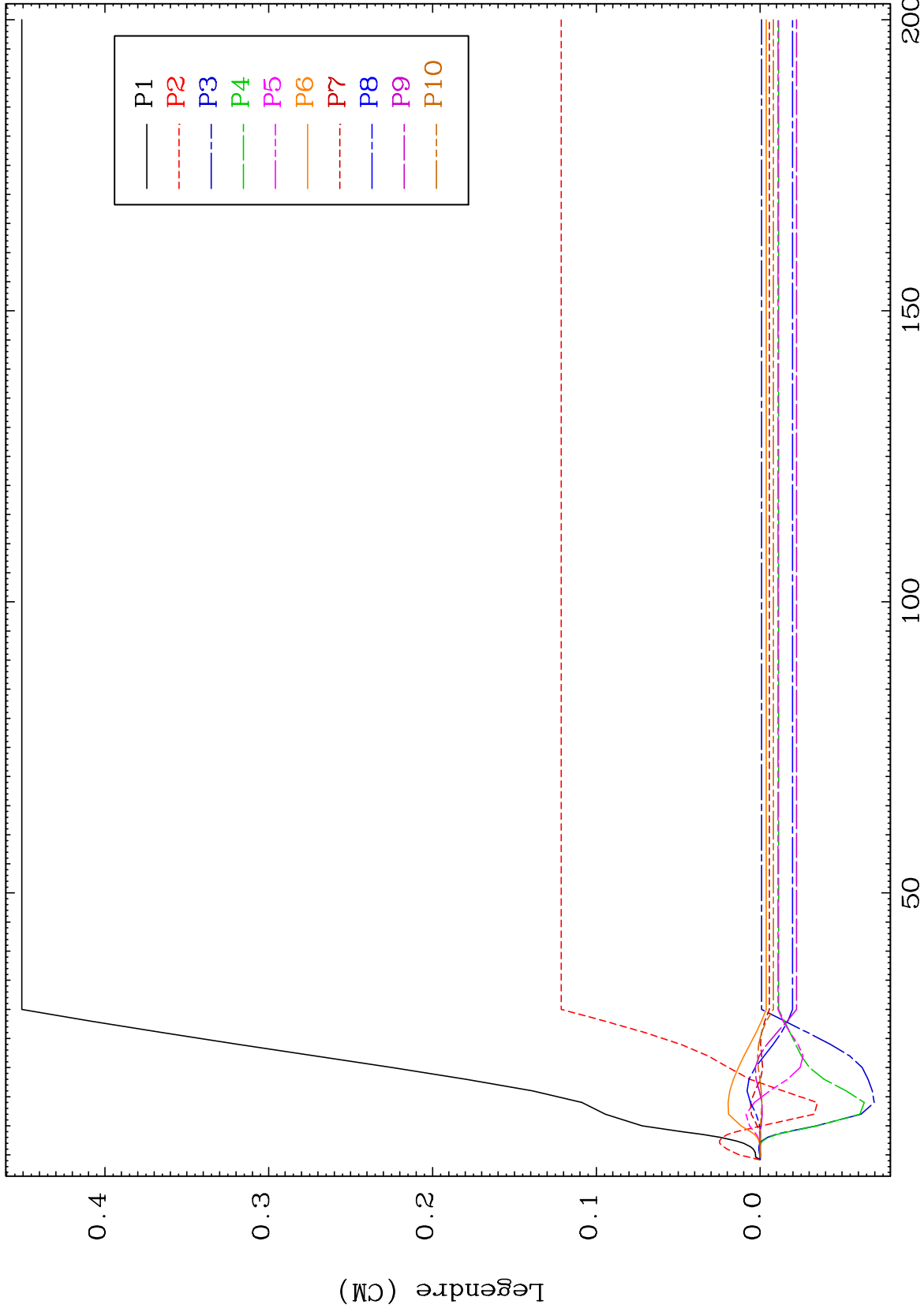




MAT 2137

4.046 MeV (n,n') Level
Legendre Coefficients

21-Sc-49



57

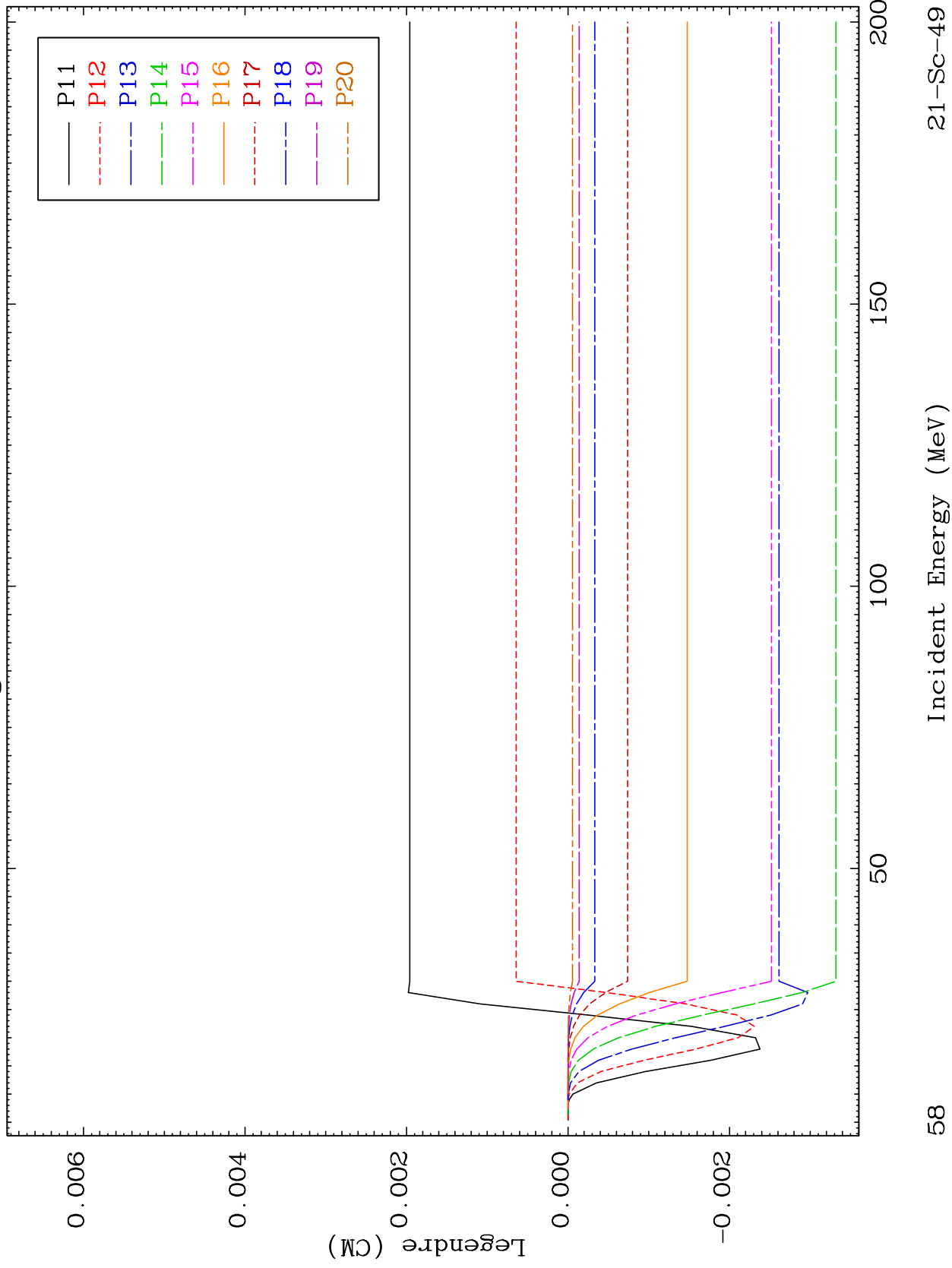
Incident Energy (MeV)

21-Sc-49

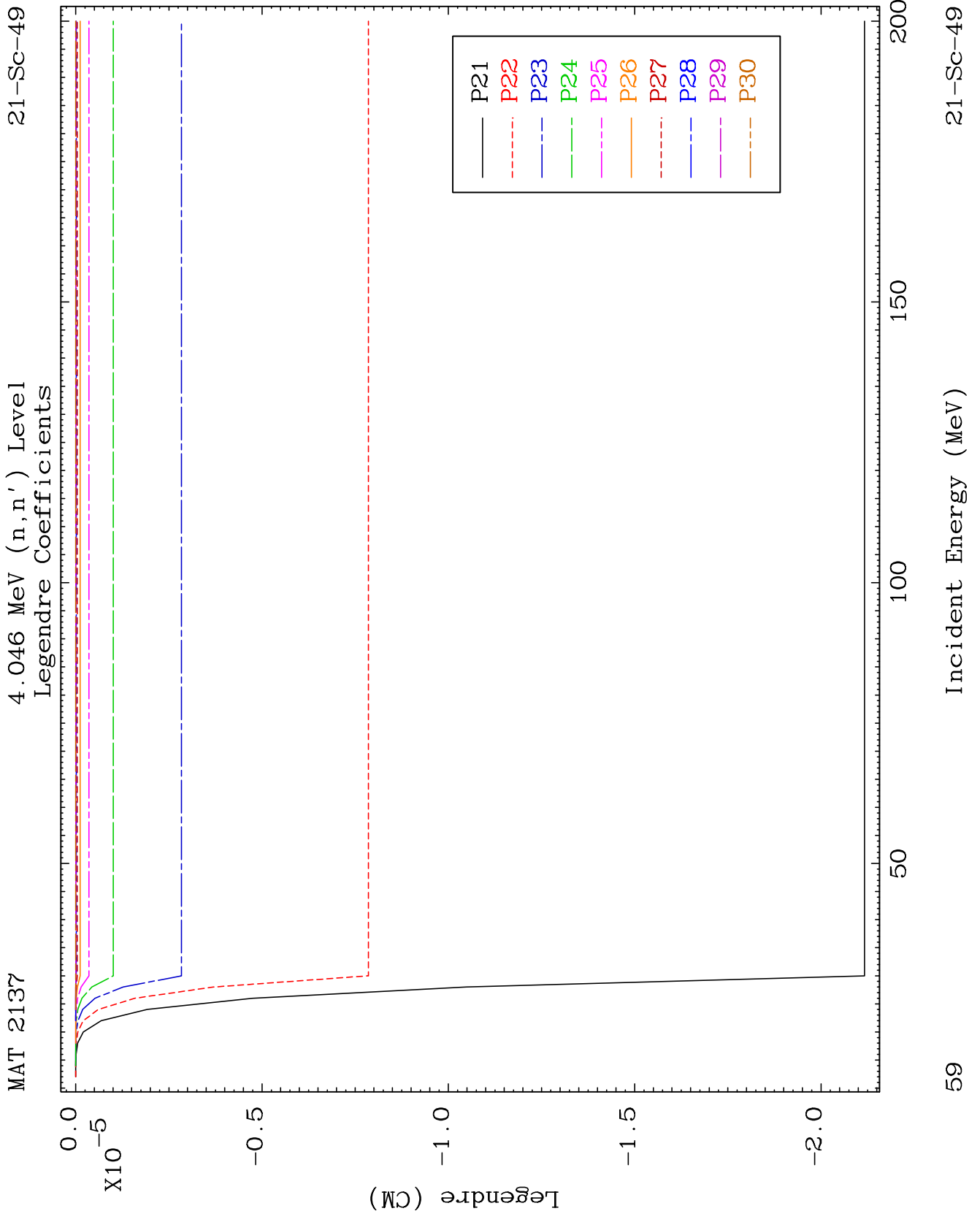
MAT 2137

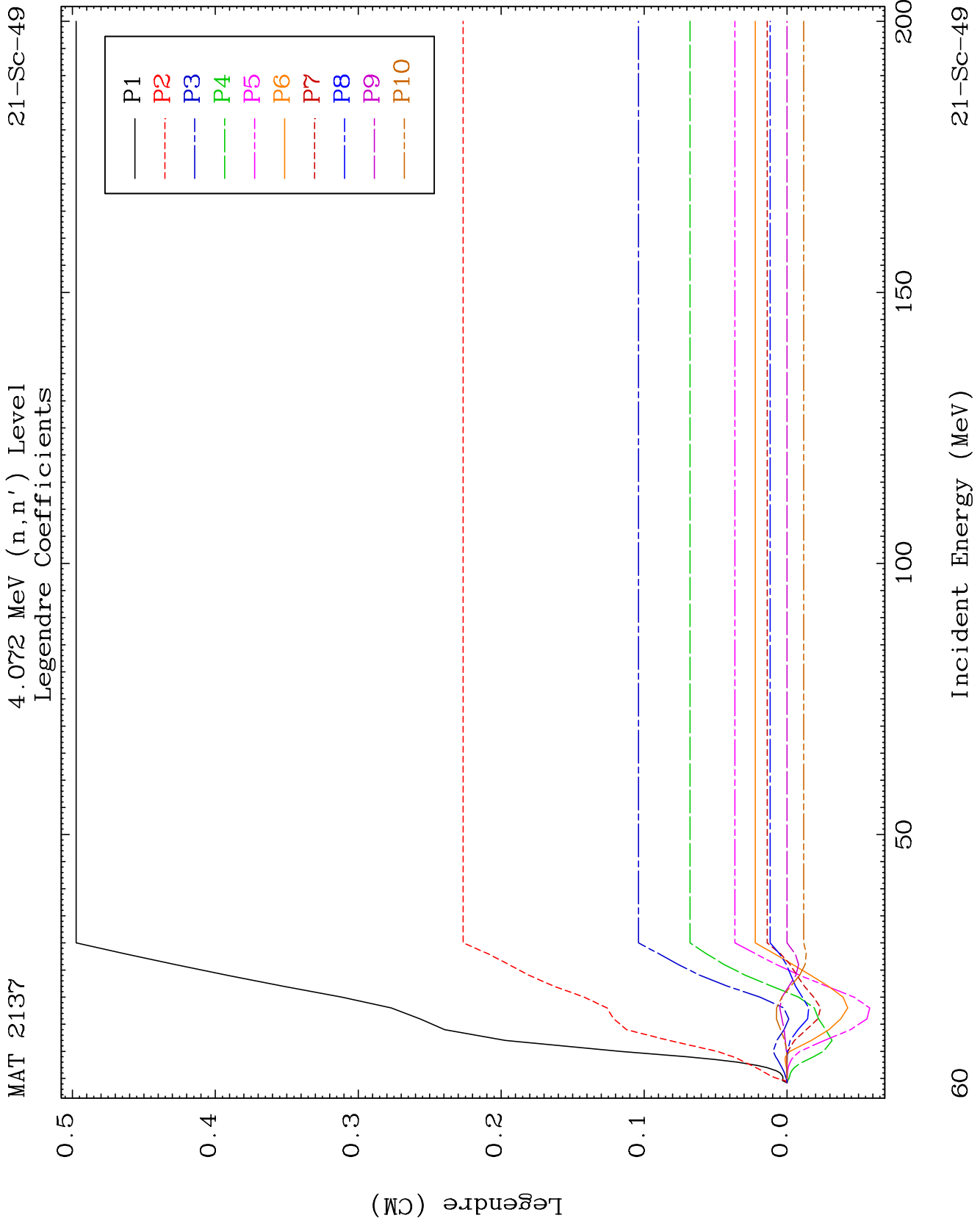
4.046 MeV (n,n') Level
Legendre Coefficients

21-Sc-49



58

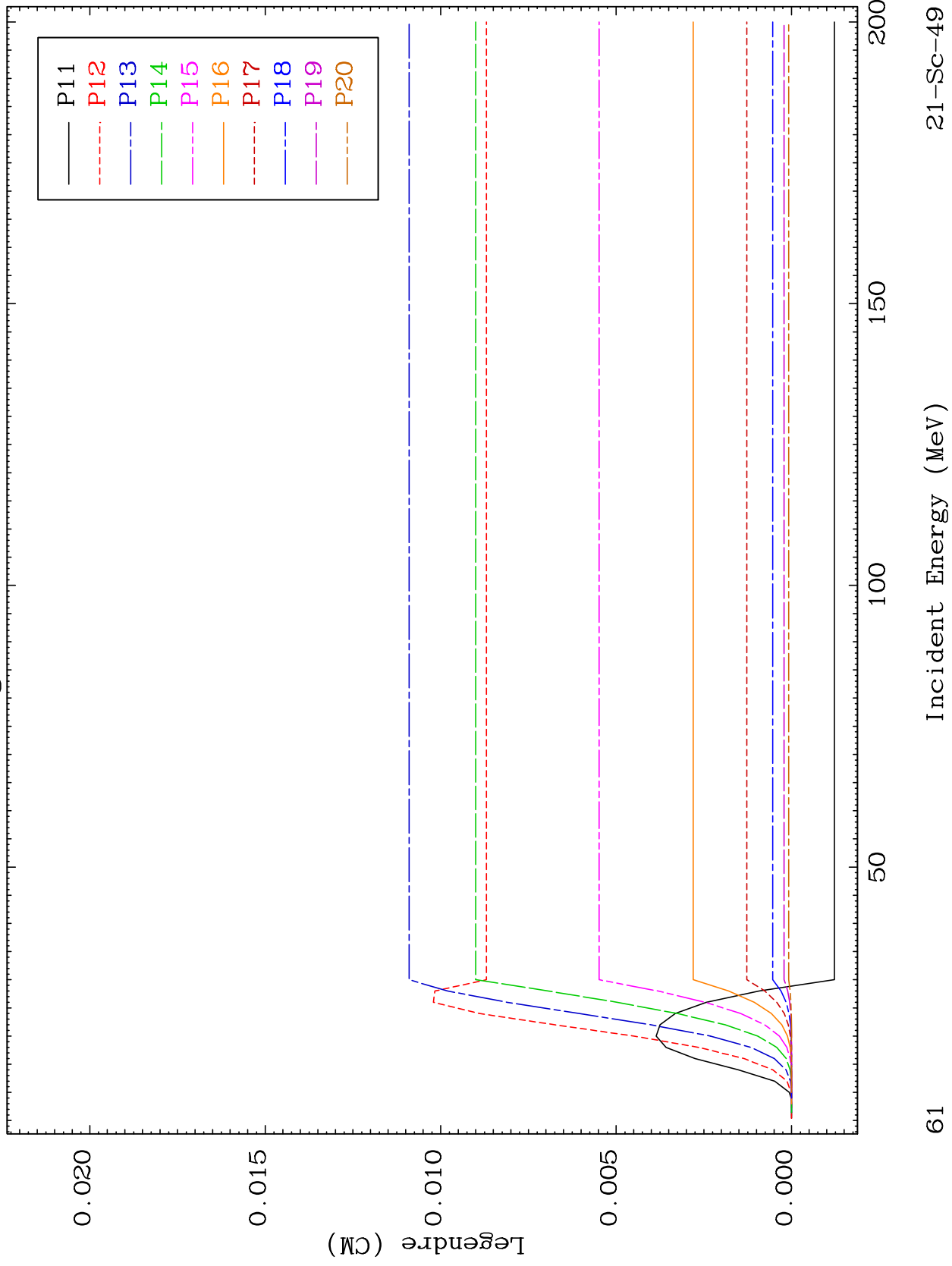




MAT 2137

4.072 MeV (n,n') Level
Legendre Coefficients

21-Sc-49



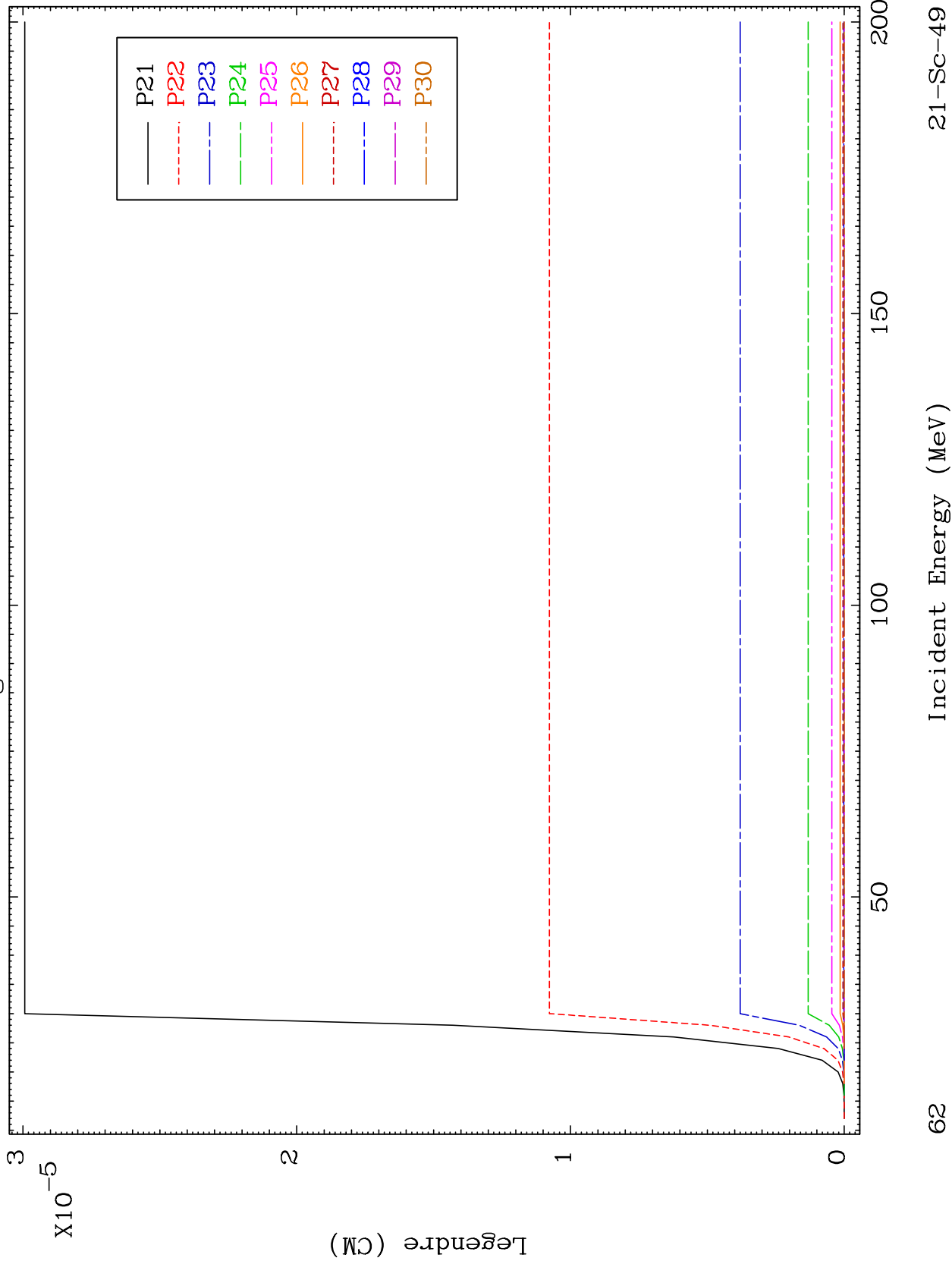
61

21-Sc-49

MAT 2137

4.072 MeV (n,n') Level
Legendre Coefficients

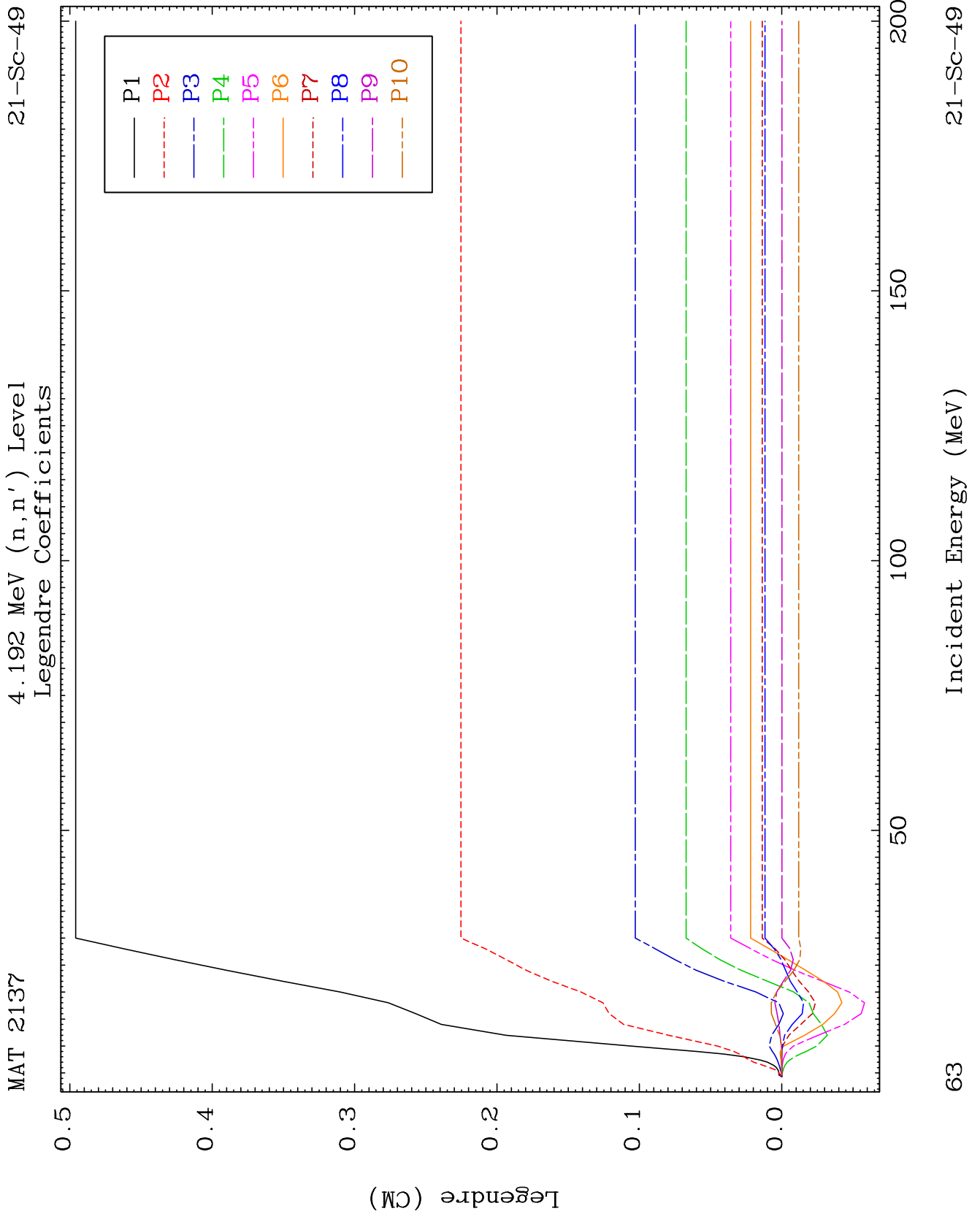
21-Sc-49



62

Incident Energy (MeV)

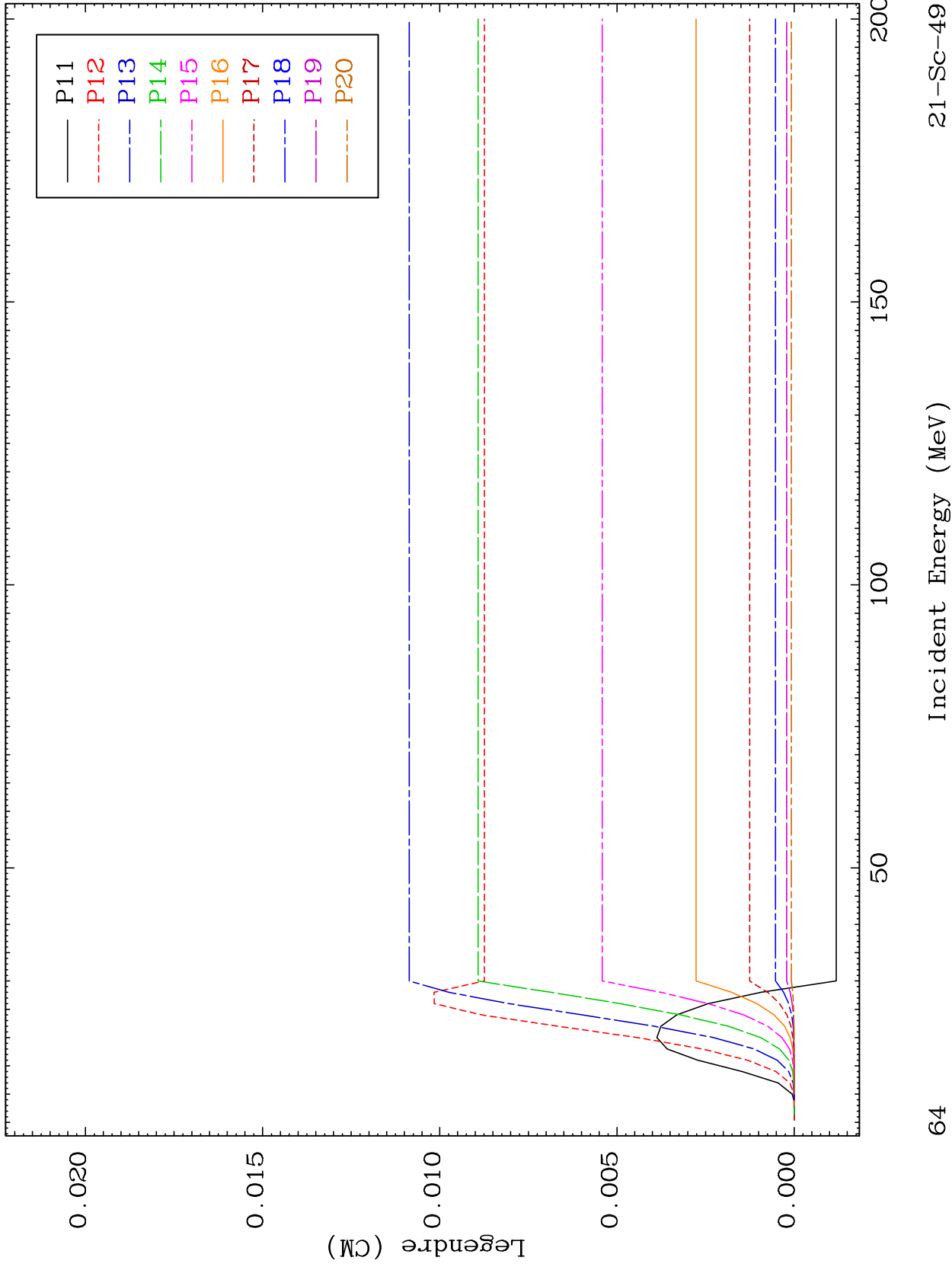
21-Sc-49



MAT 2137

4.192 MeV (n,n') Level
Legendre Coefficients

21-Sc-49



64

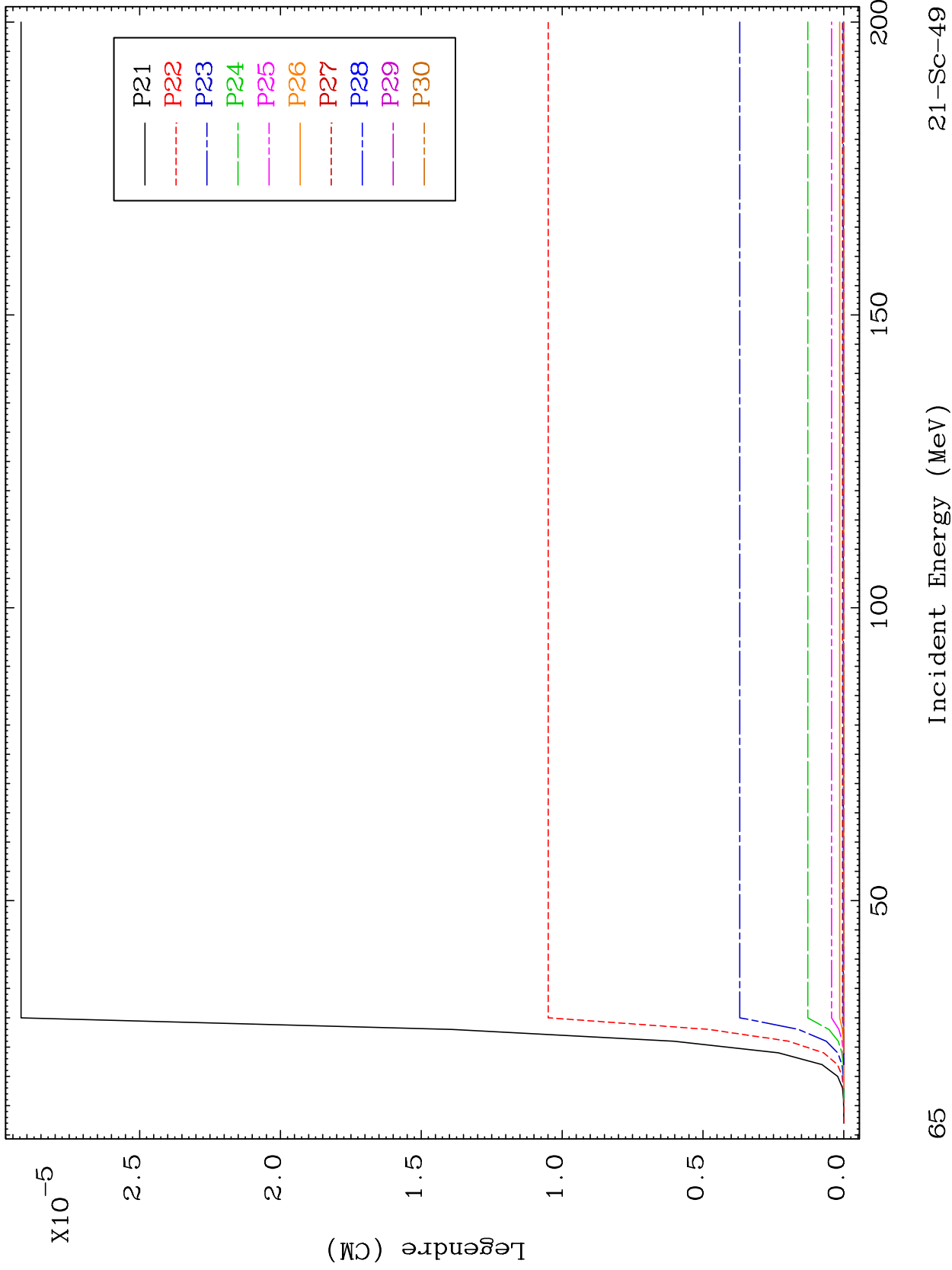
Incident Energy (MeV)

21-Sc-49

MAT 2137

4.192 MeV (n,n') Level
Legendre Coefficients

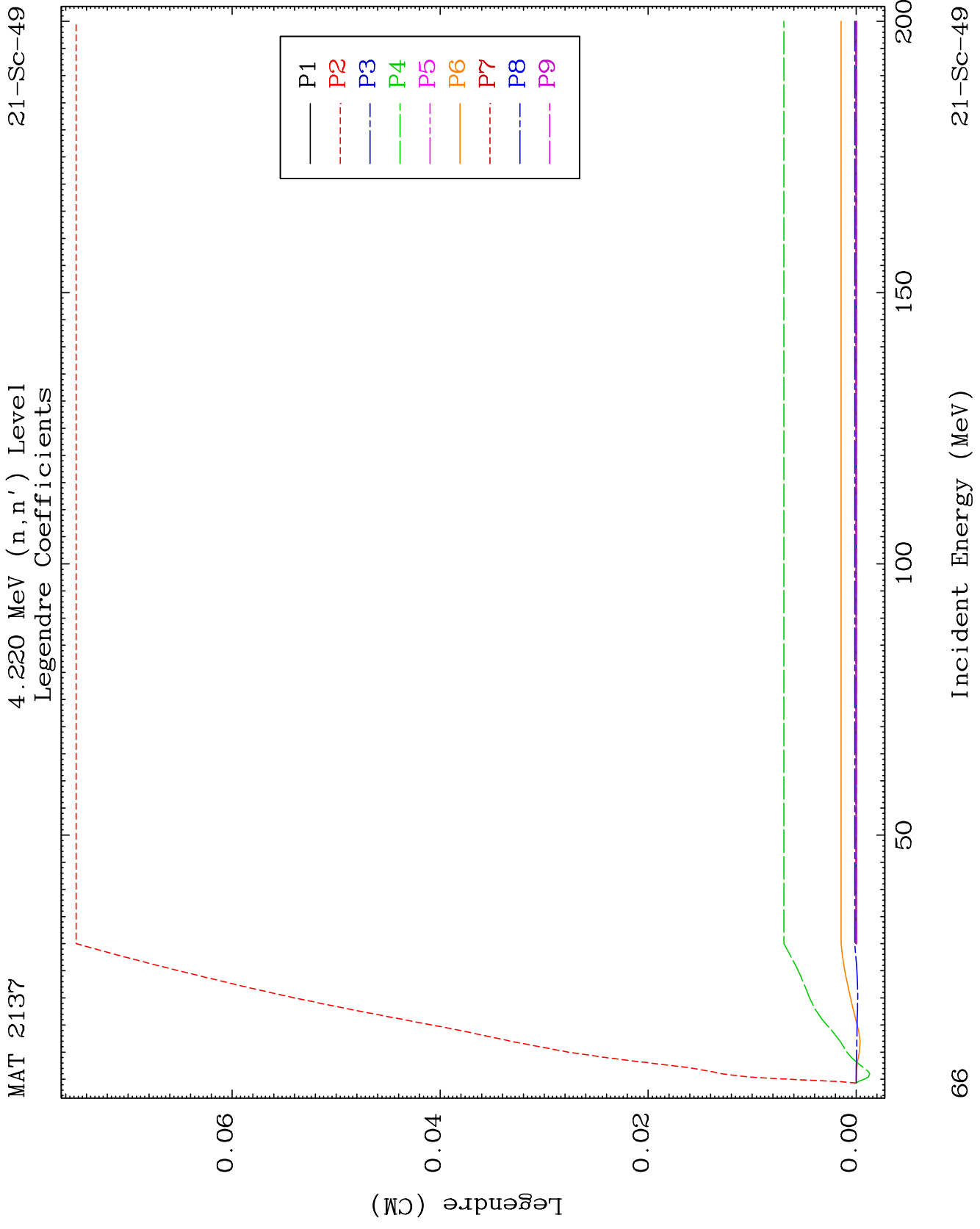
21-Sc-49

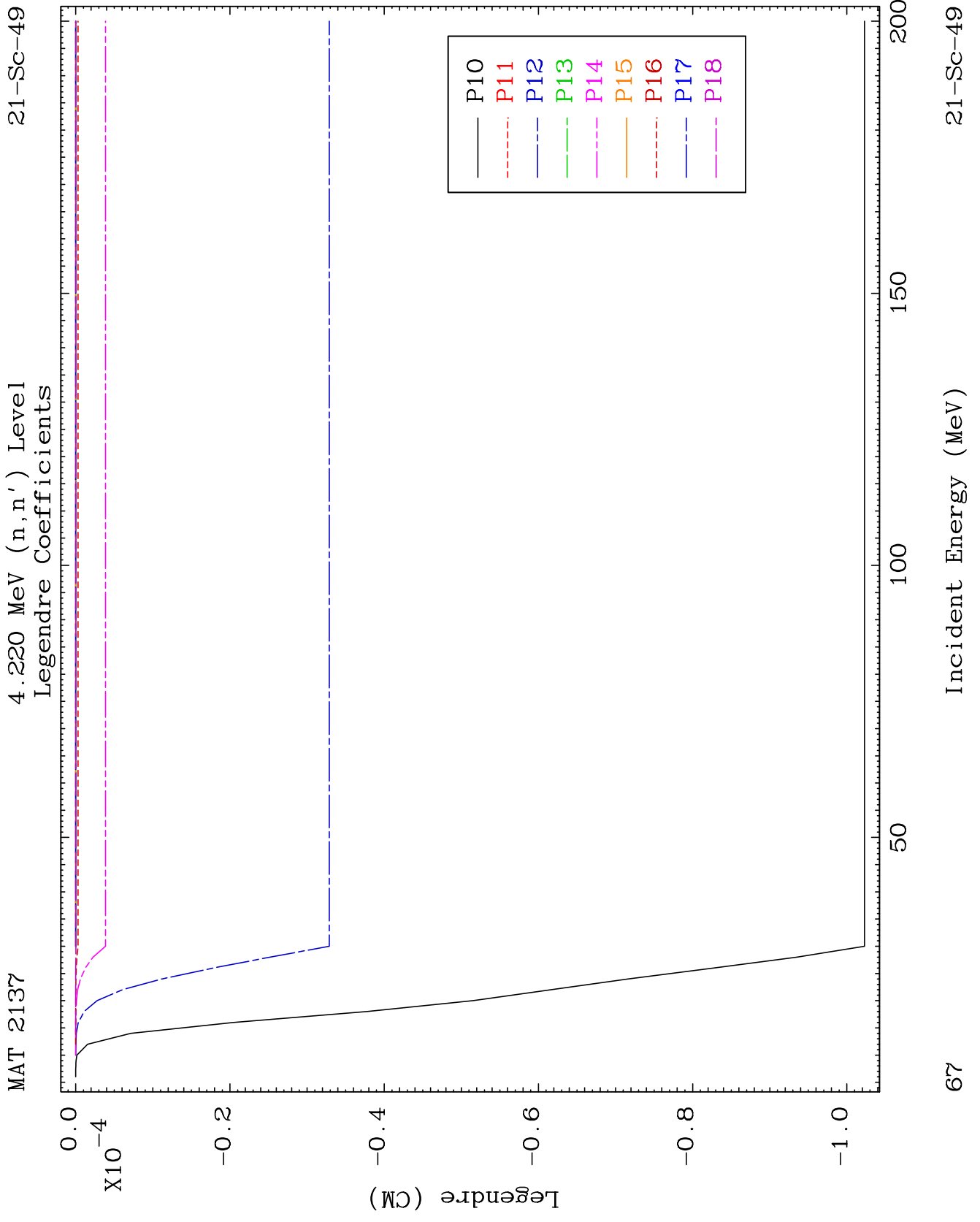


65

Incident Energy (MeV)

21-Sc-49

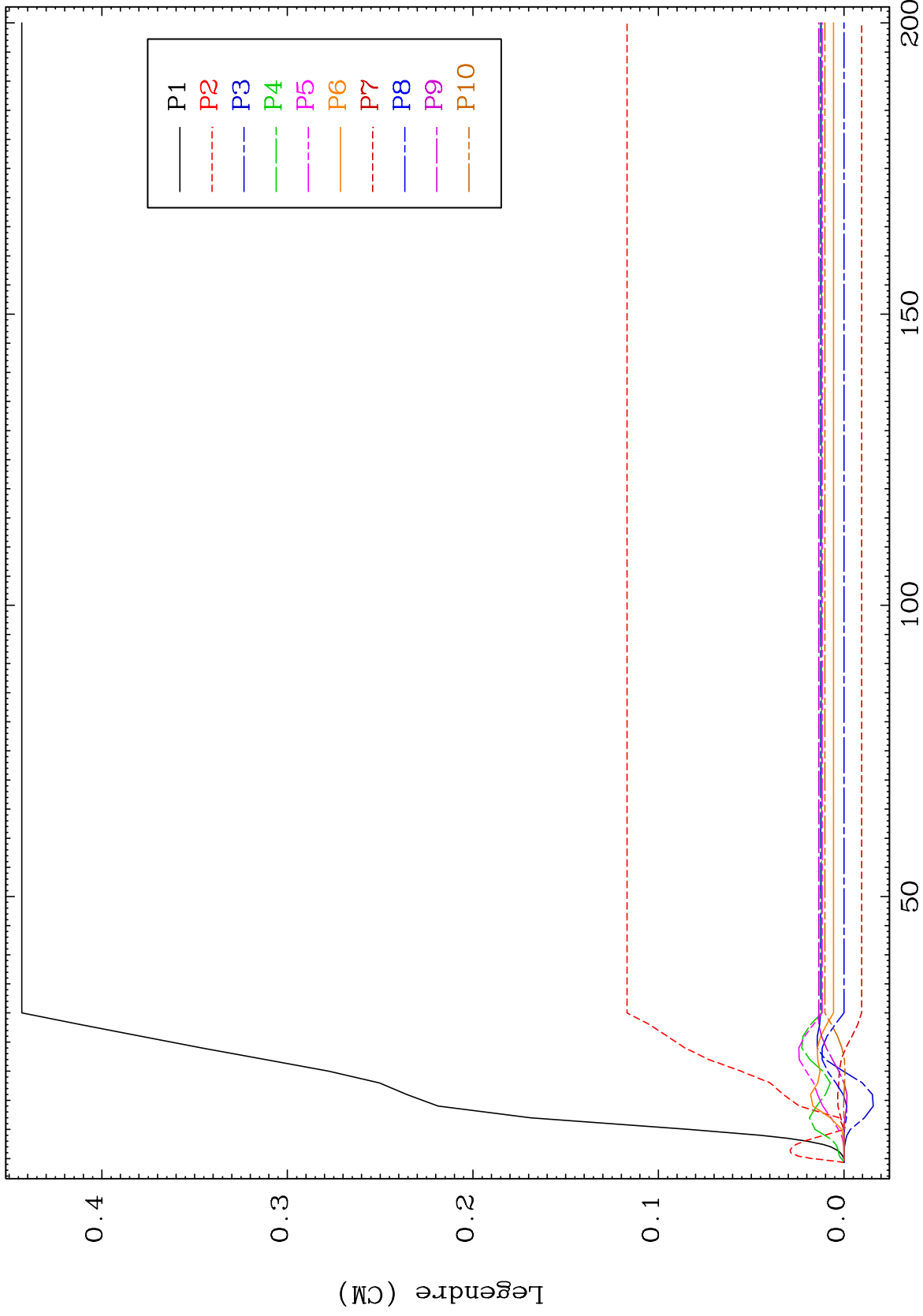




MAT 2137

4.240 MeV (n,n') Level
Legendre Coefficients

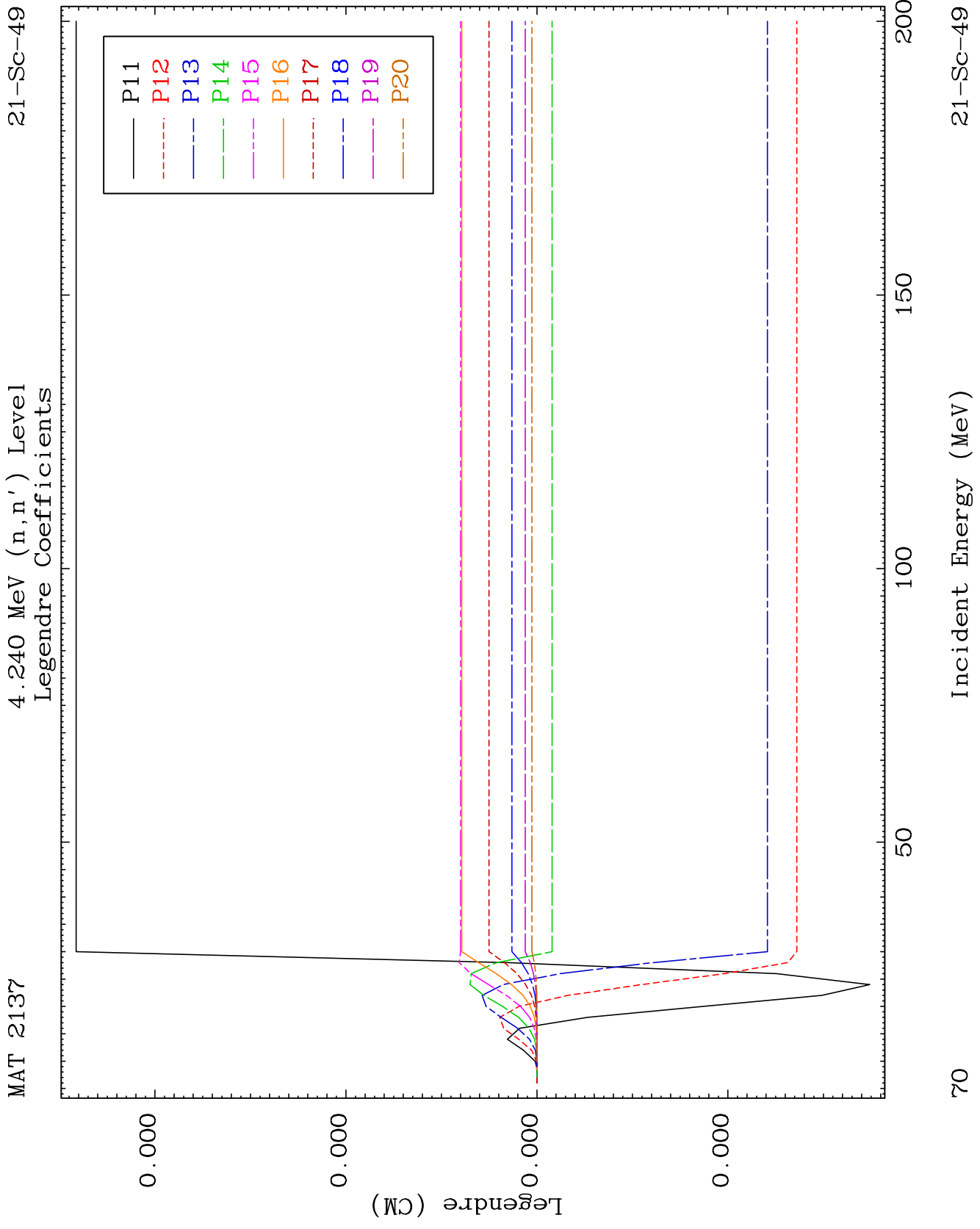
21-Sc-49



69

Incident Energy (MeV)

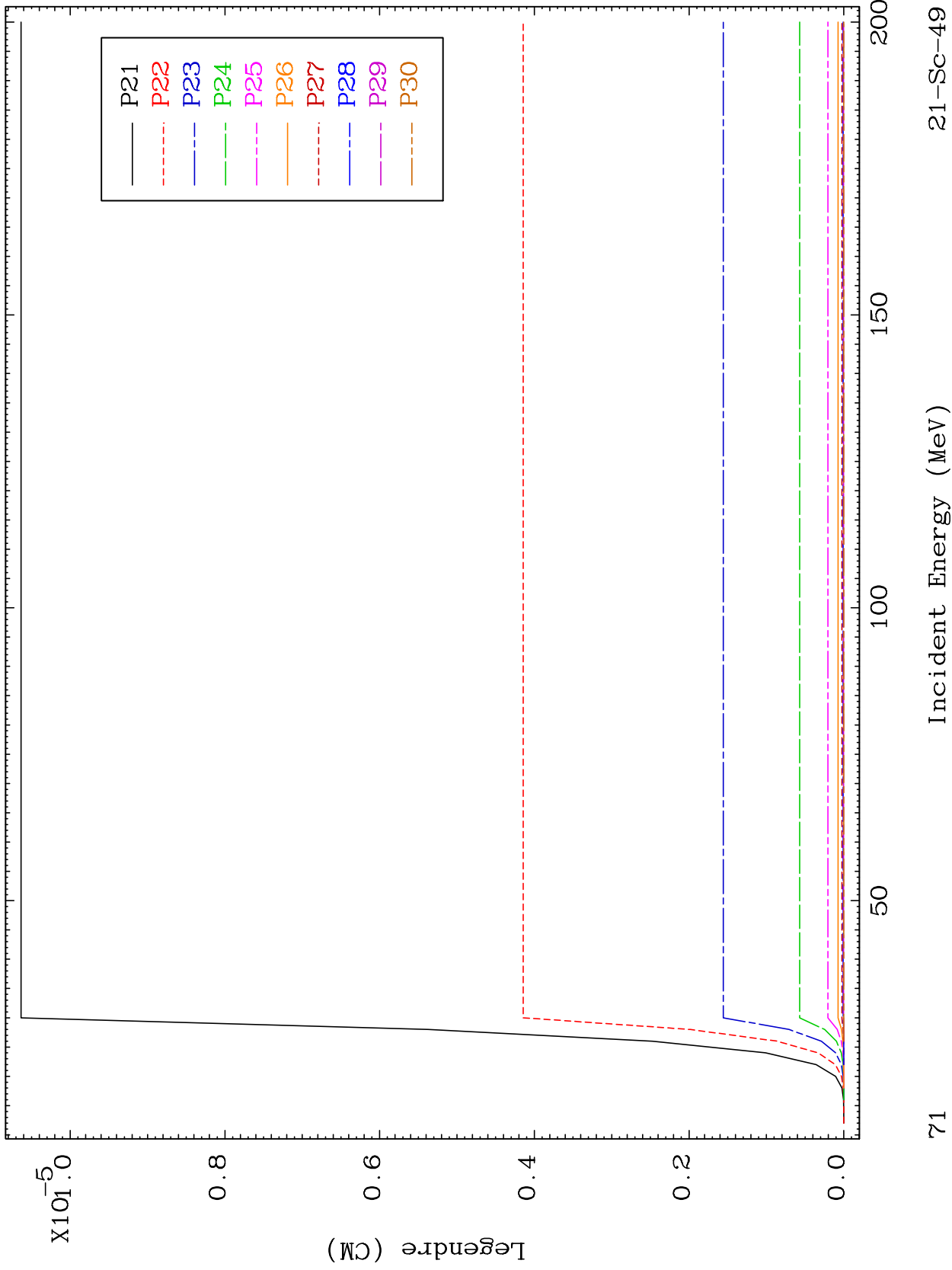
21-Sc-49

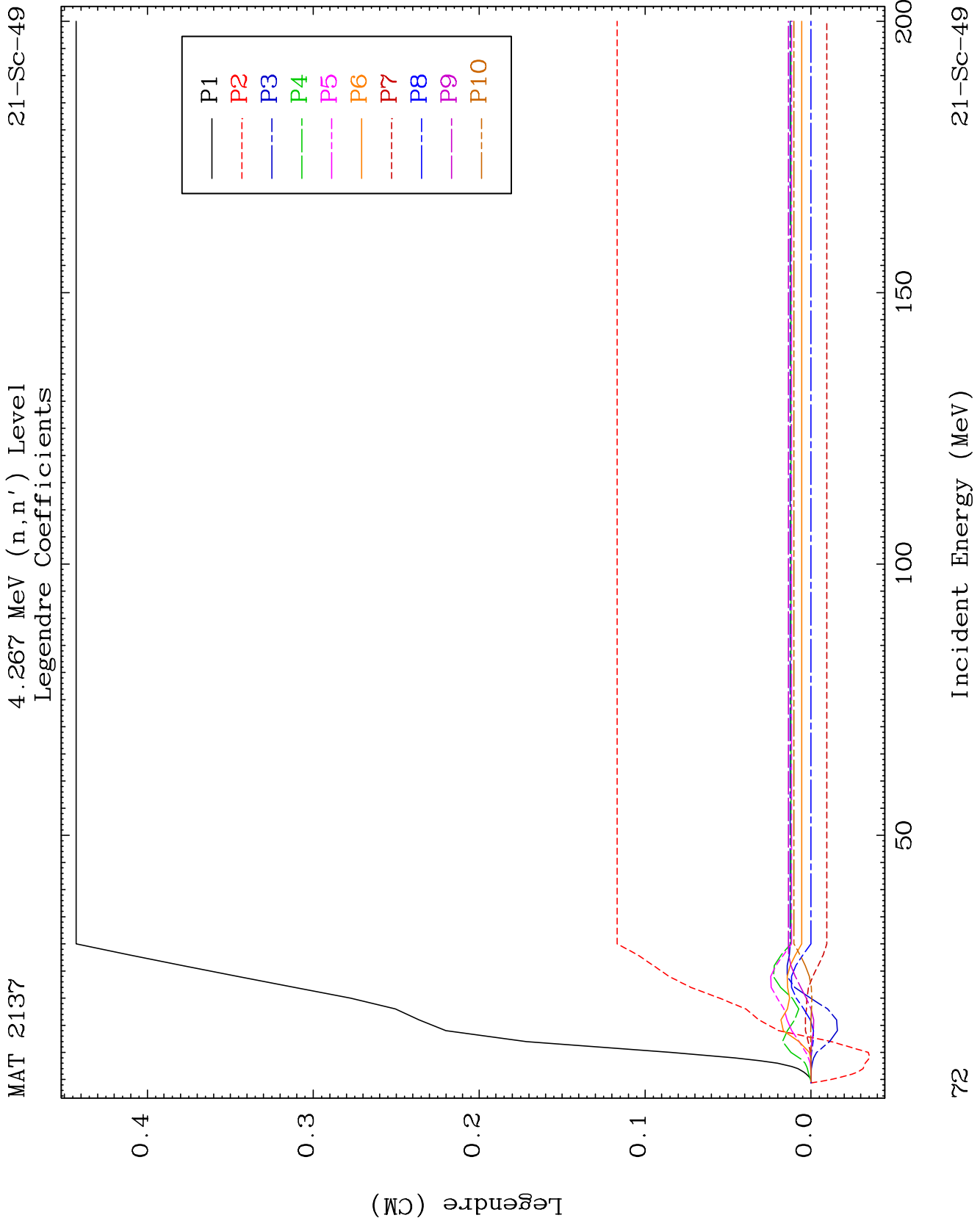


MAT 2137

4.240 MeV (n,n') Level
Legendre Coefficients

21-Sc-49

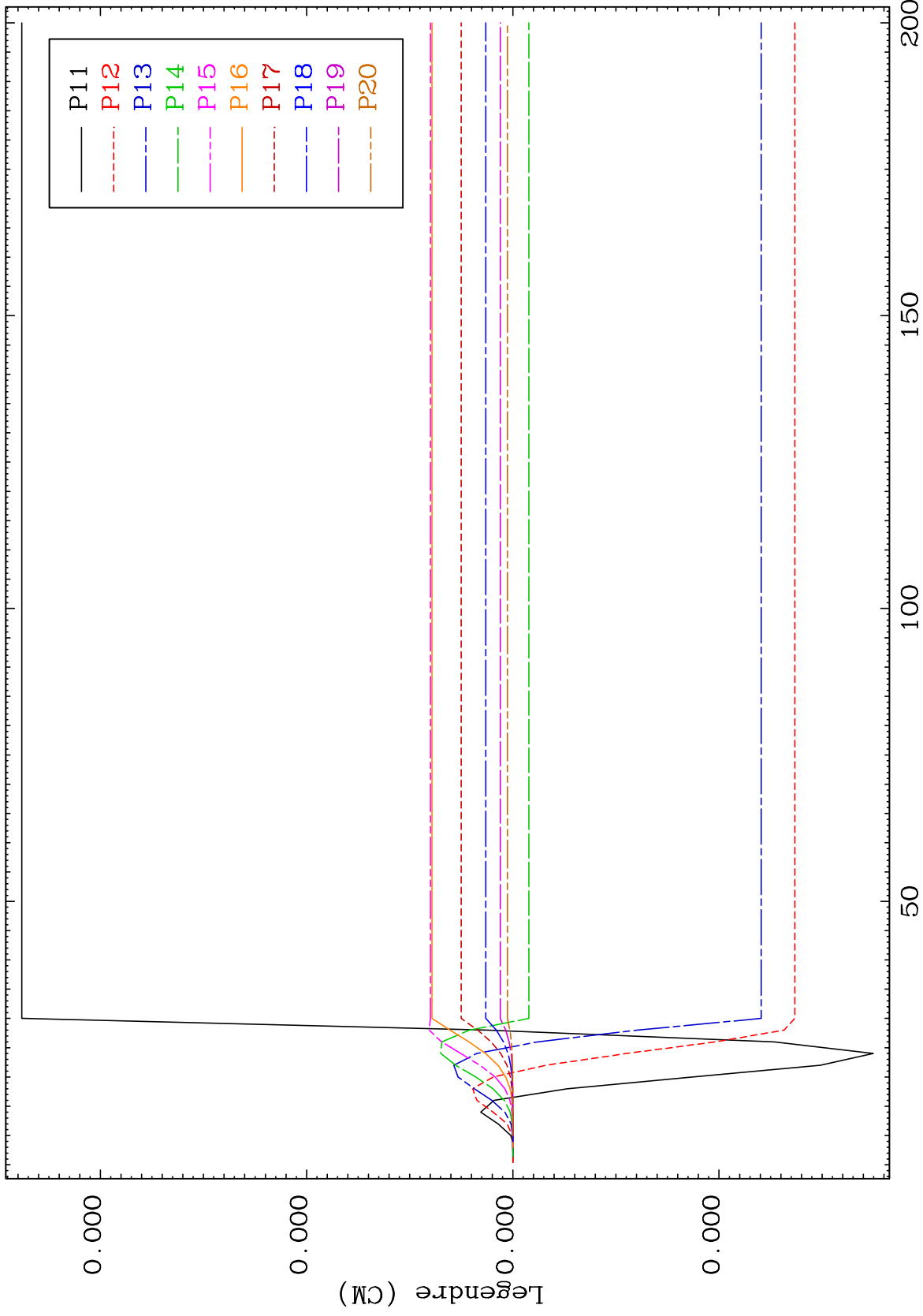




MAT 2137

4.267 MeV (n,n') Level
Legendre Coefficients

21-Sc-49



73

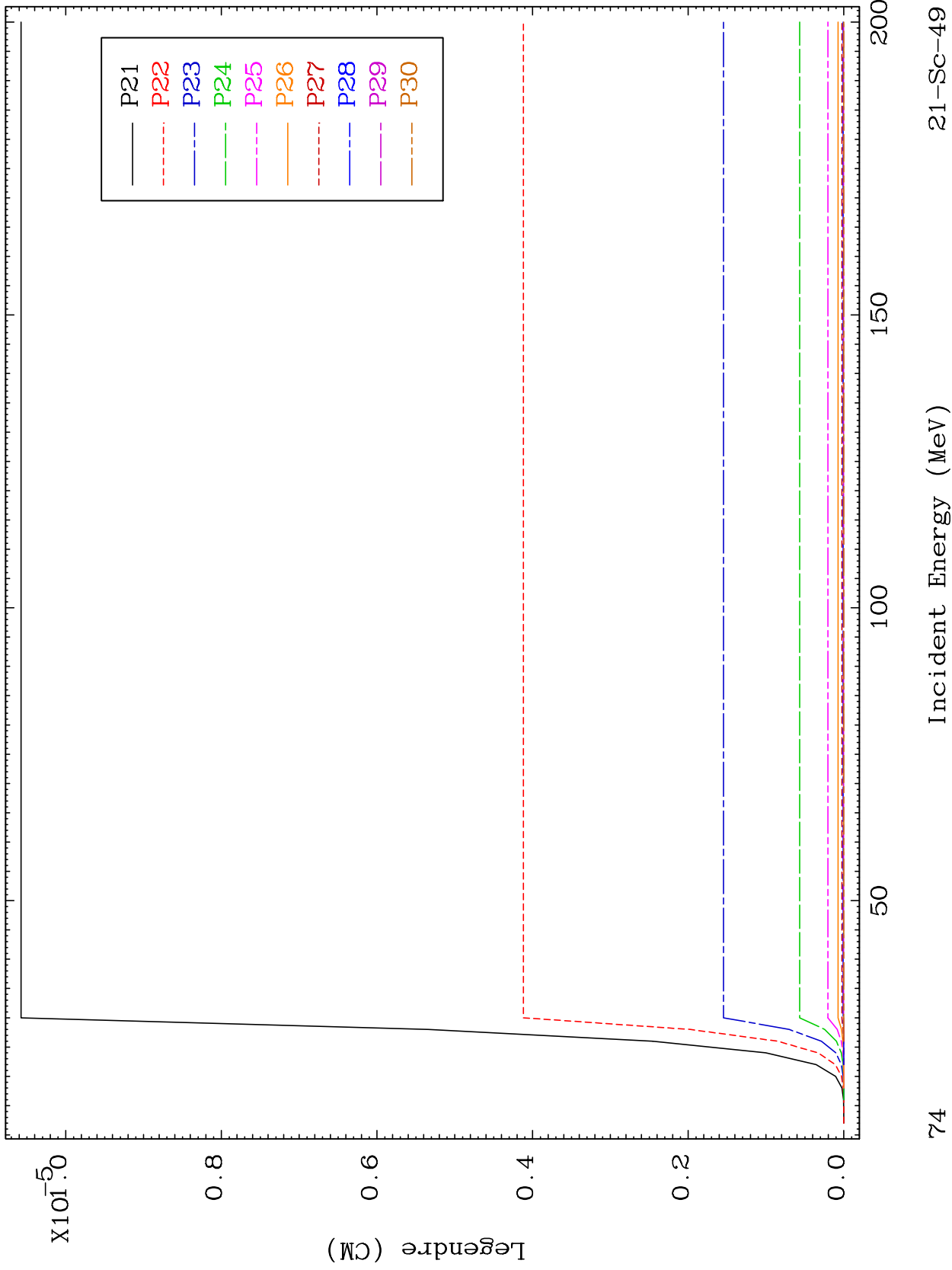
Incident Energy (MeV)

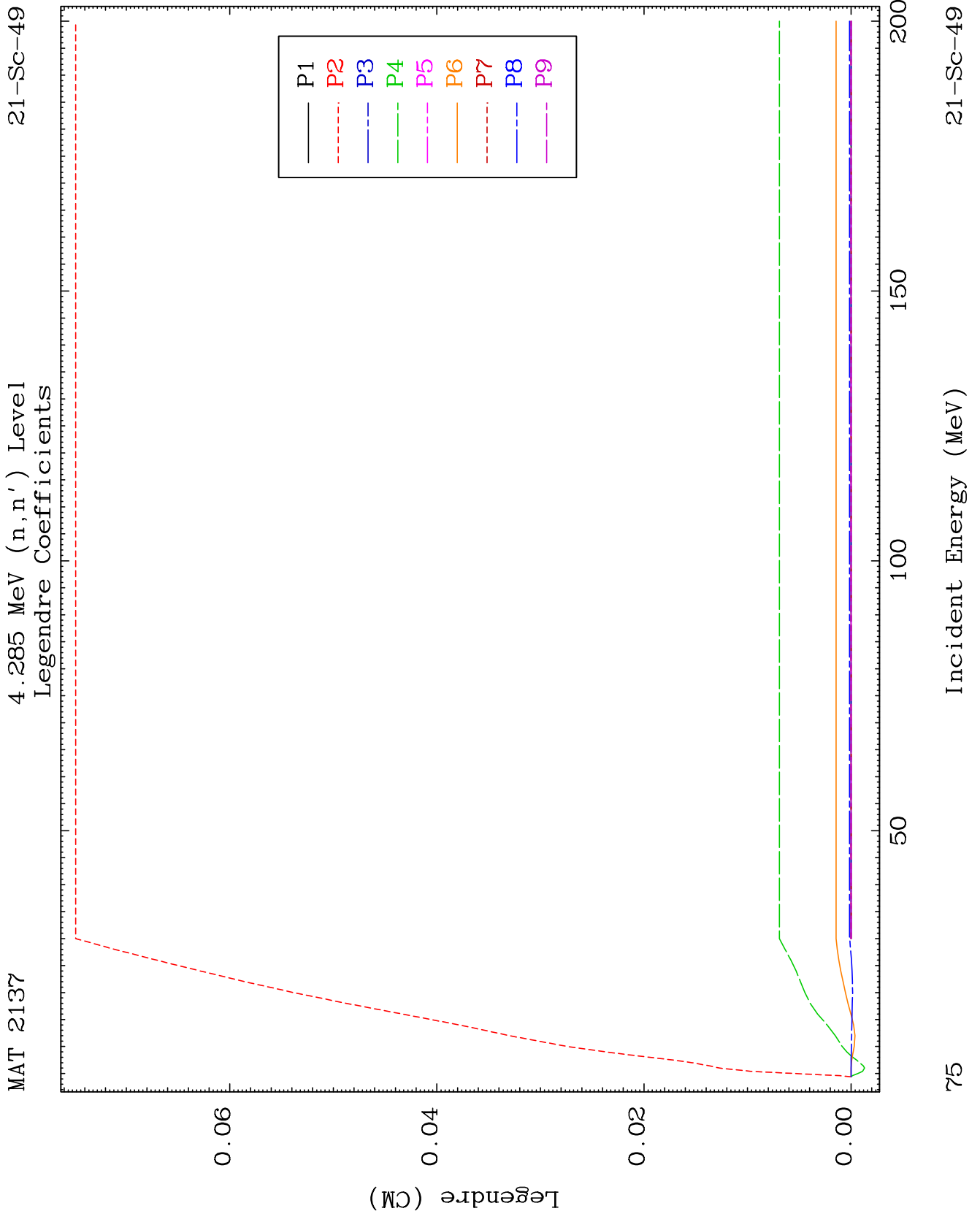
21-Sc-49

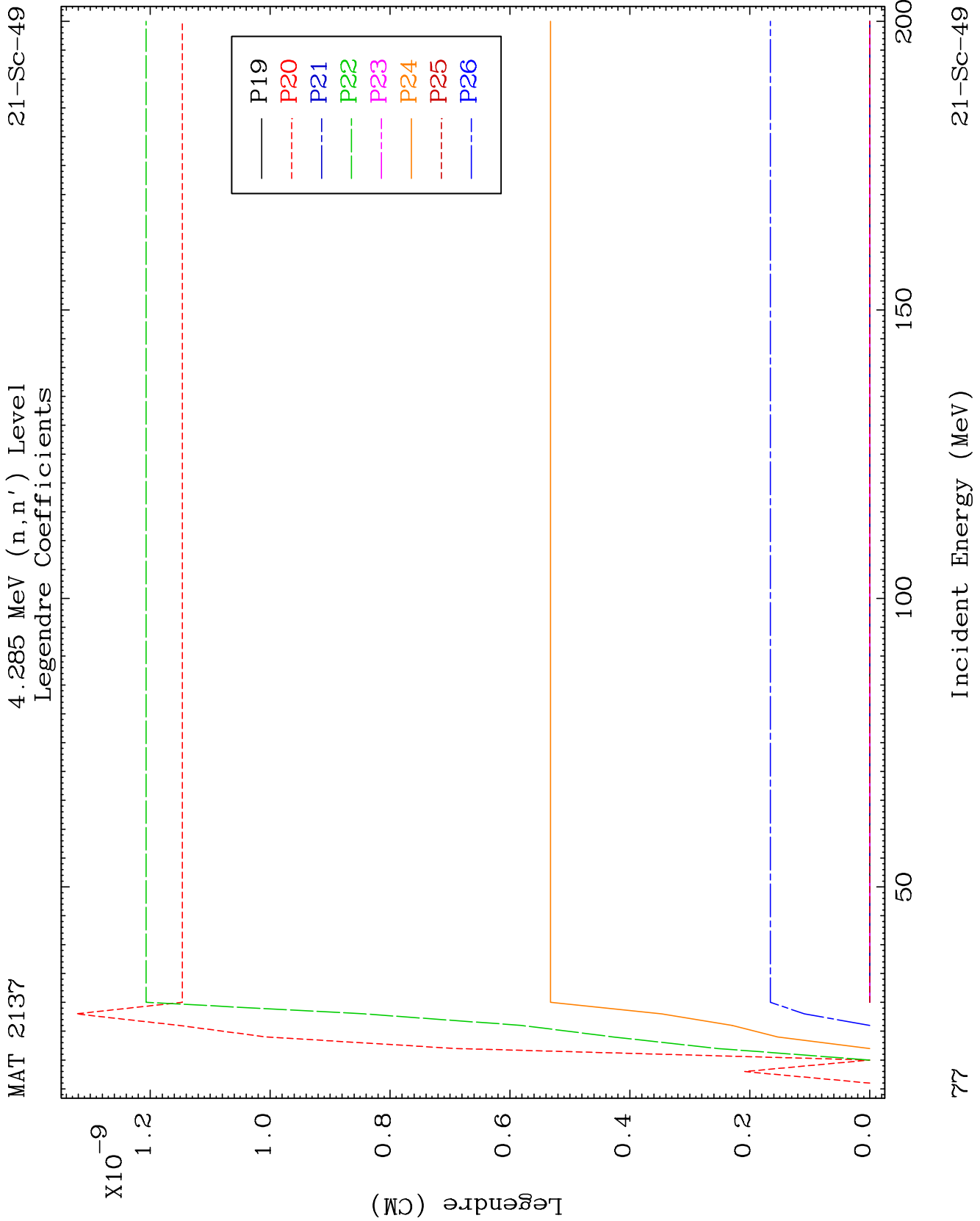
MAT 2137

4.267 MeV (n,n') Level
Legendre Coefficients

21-Sc-49



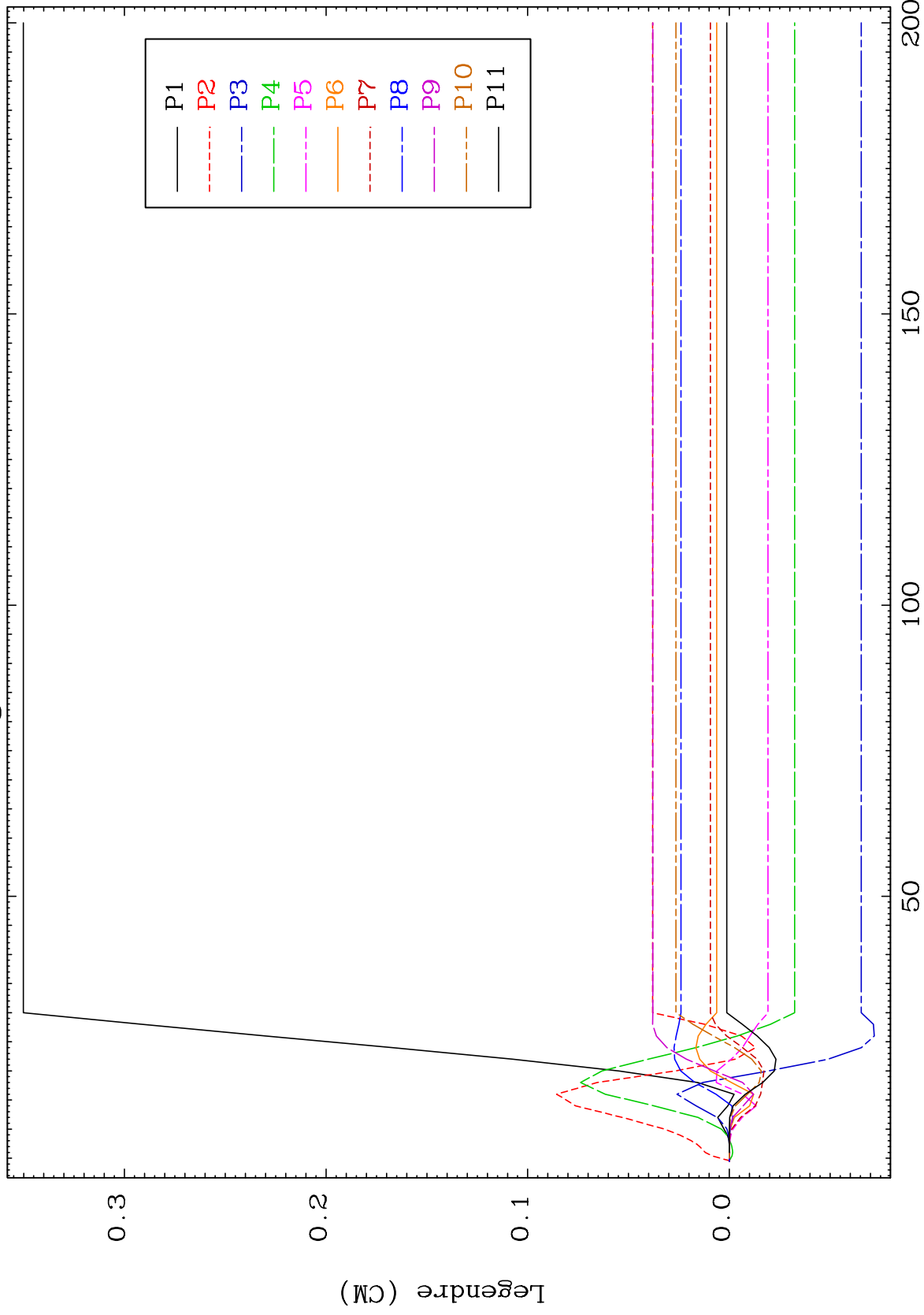




MAT 2137

4.332 MeV (n,n') Level
Legendre Coefficients

21-Sc-49



78

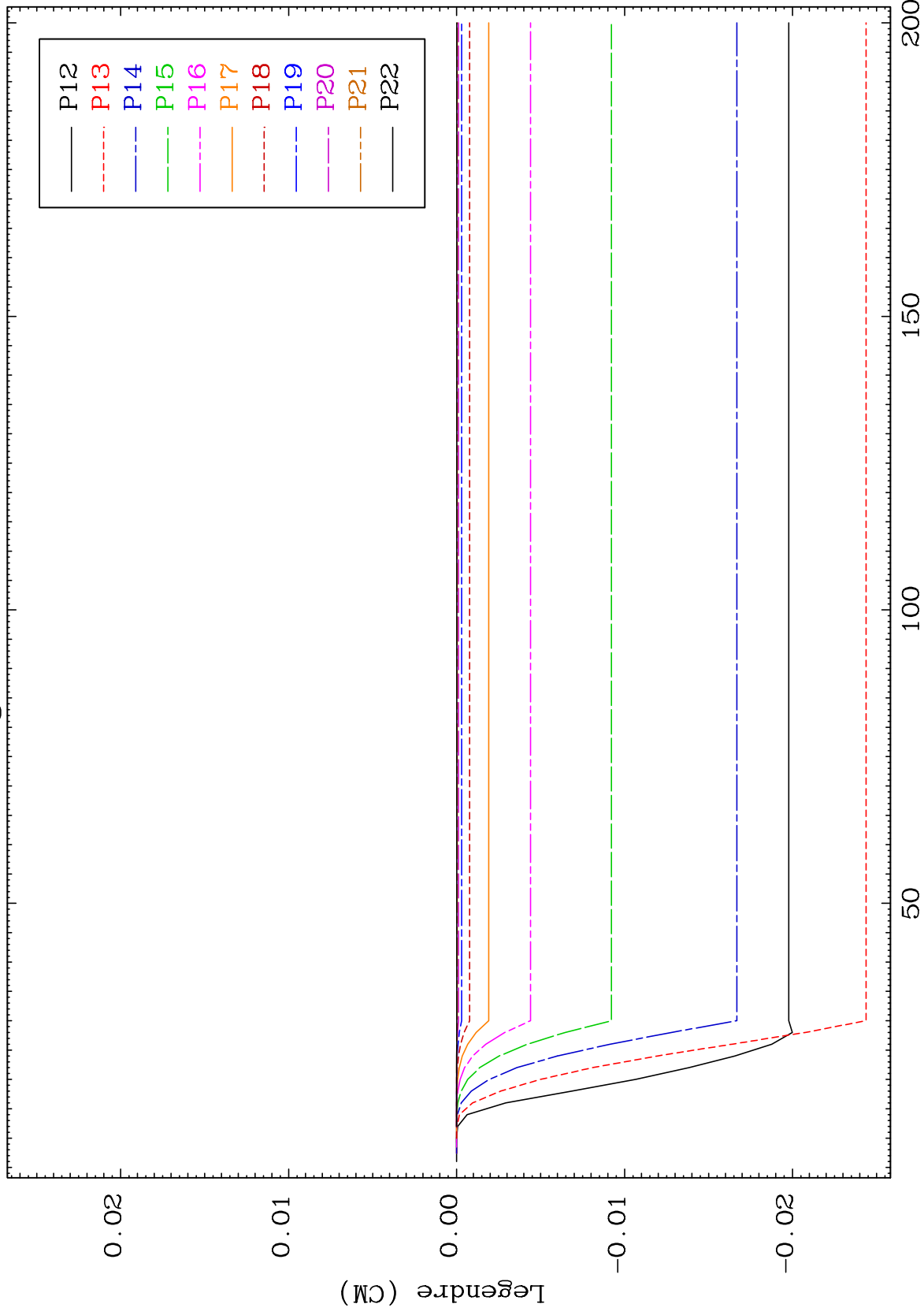
Incident Energy (MeV)

21-Sc-49

MAT 2137

4.332 MeV (n,n') Level
Legendre Coefficients

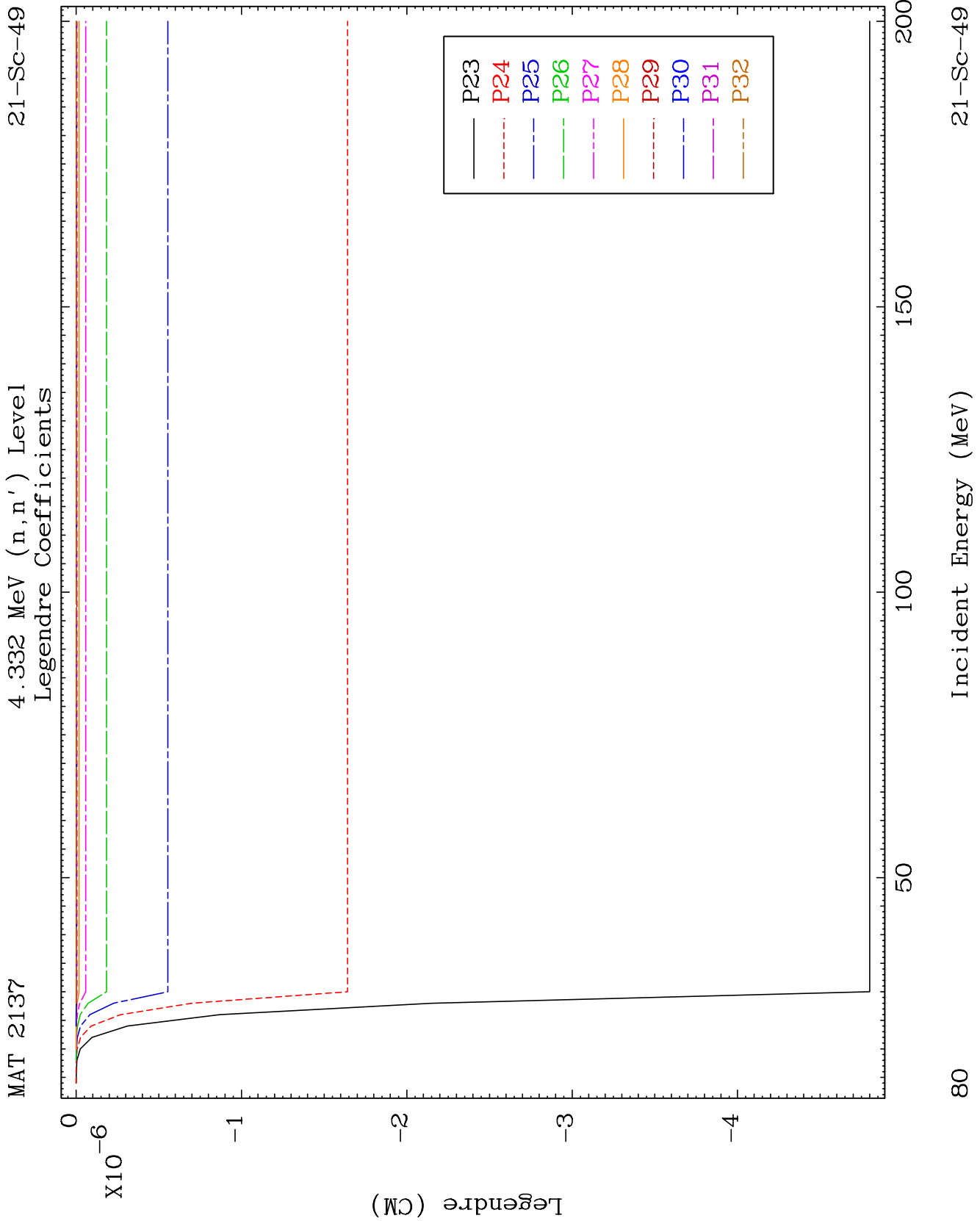
21-Sc-49

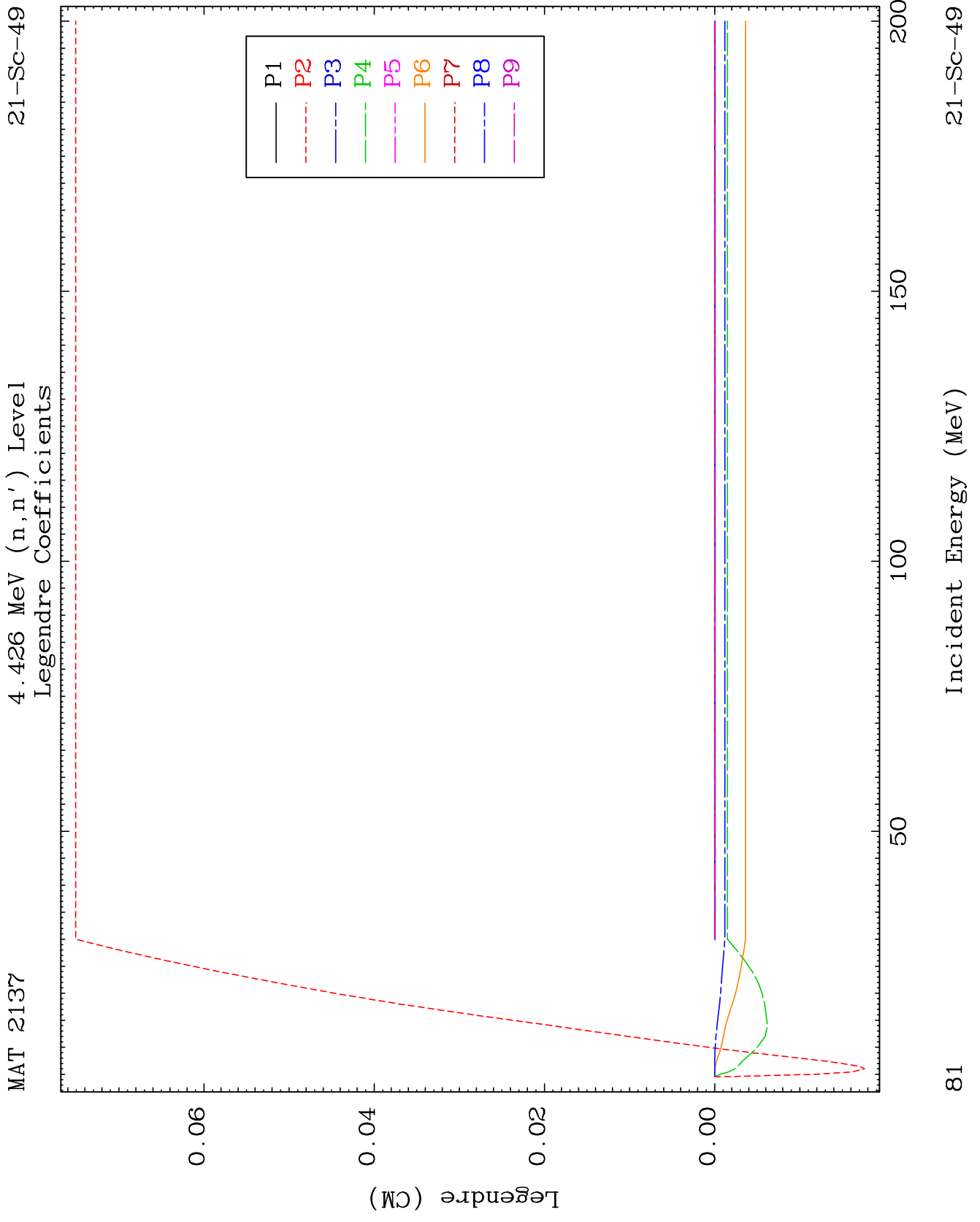


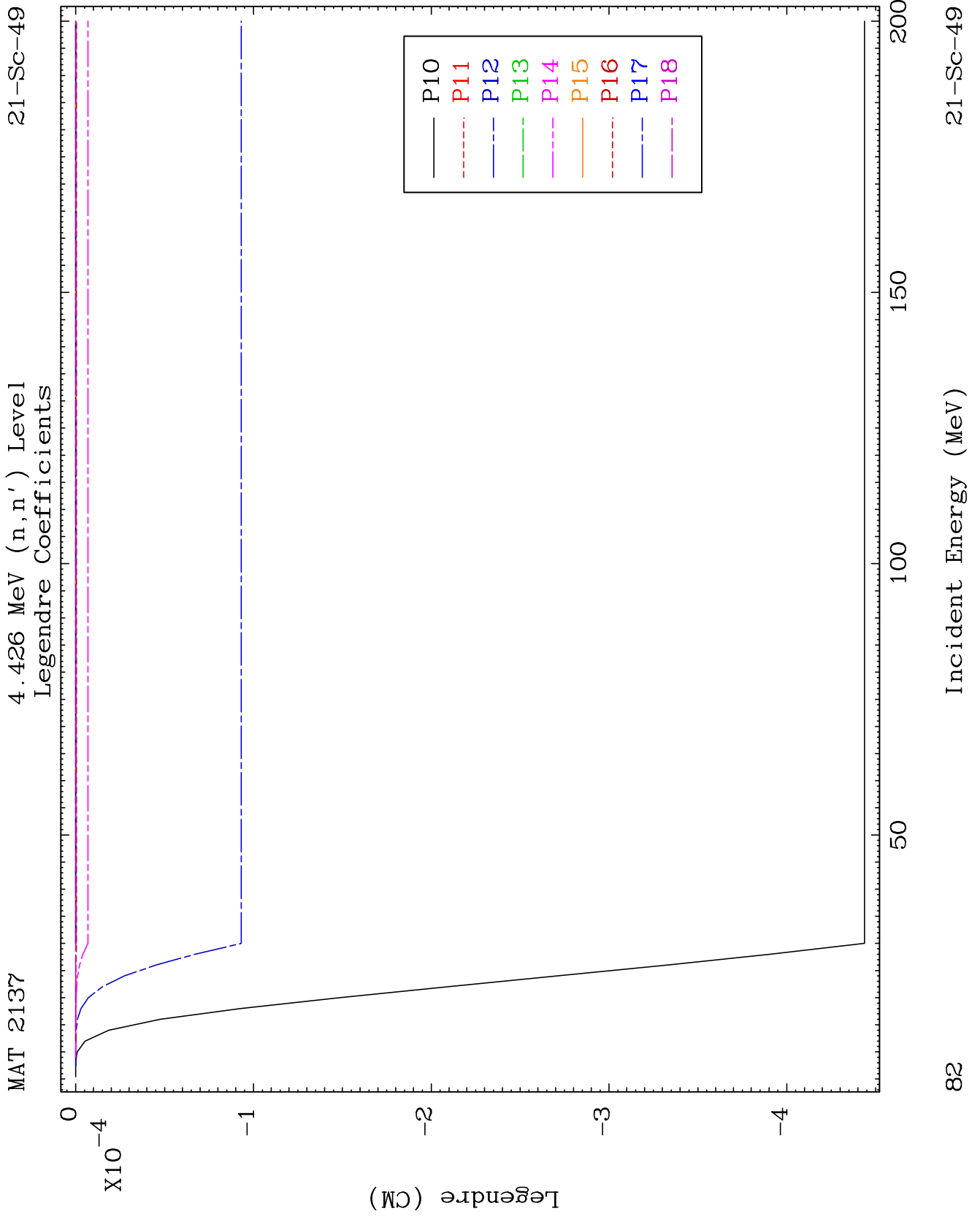
79

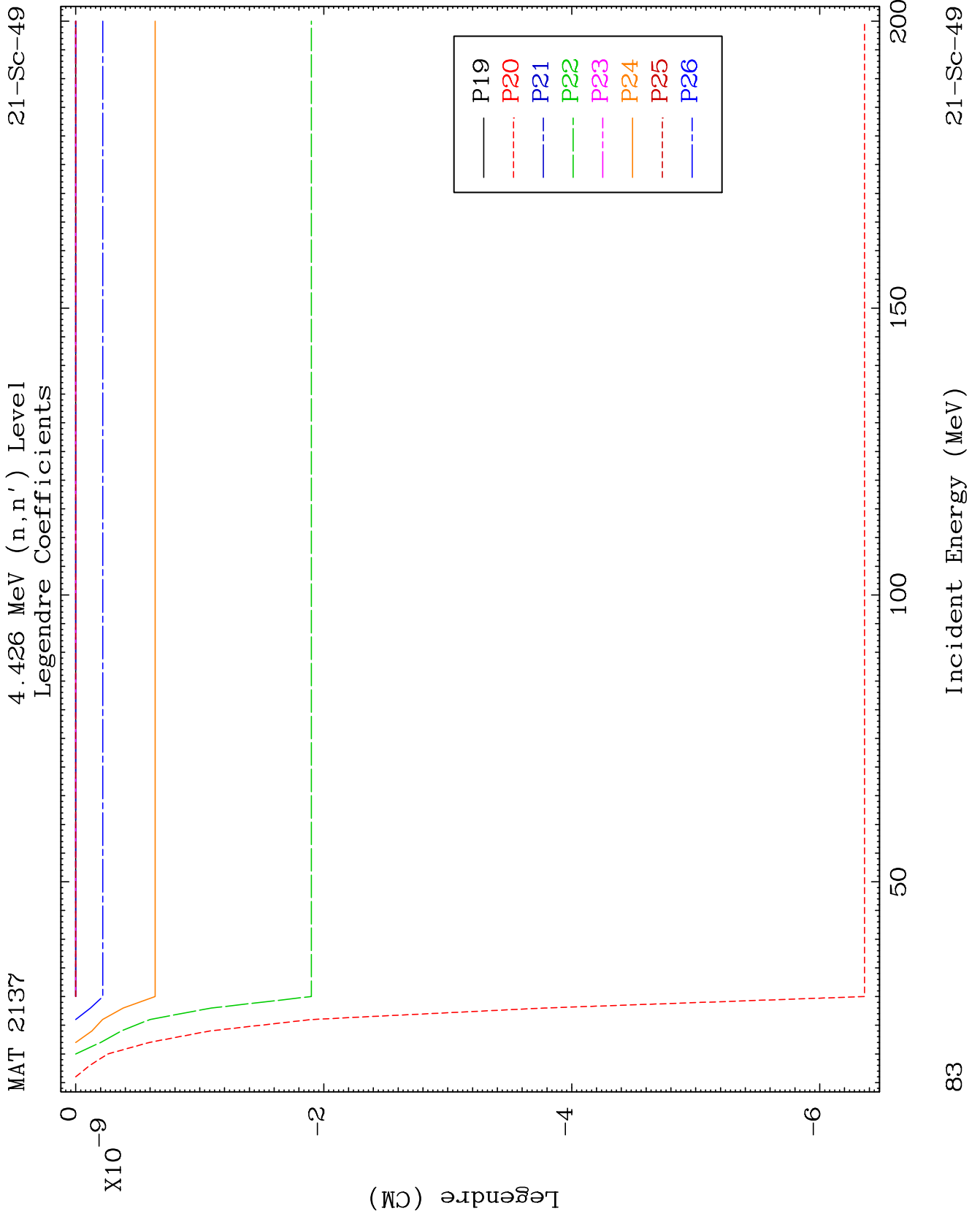
Incident Energy (MeV)

21-Sc-49





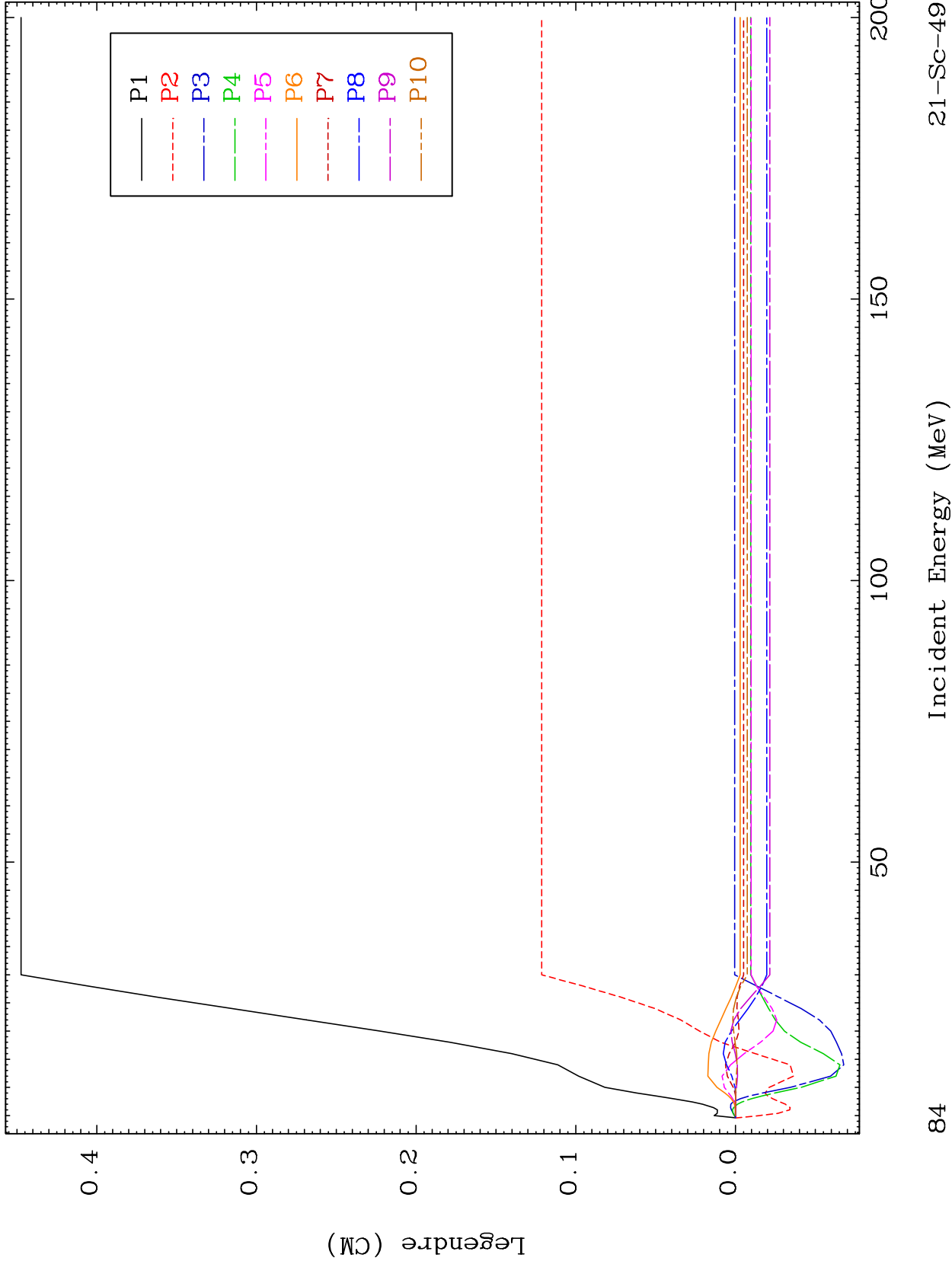




MAT 2137

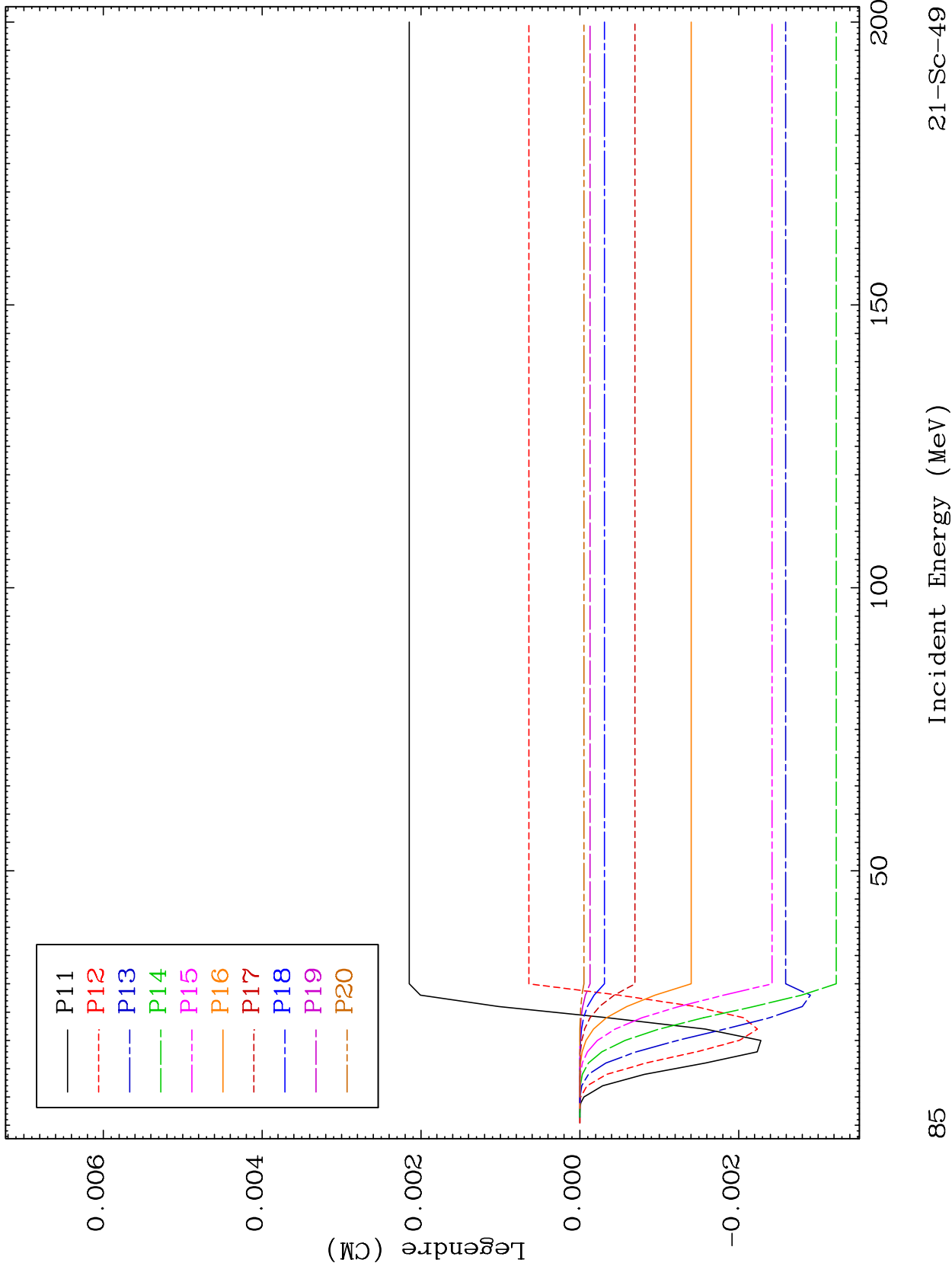
4.459 MeV (n,n') Level
Legendre Coefficients

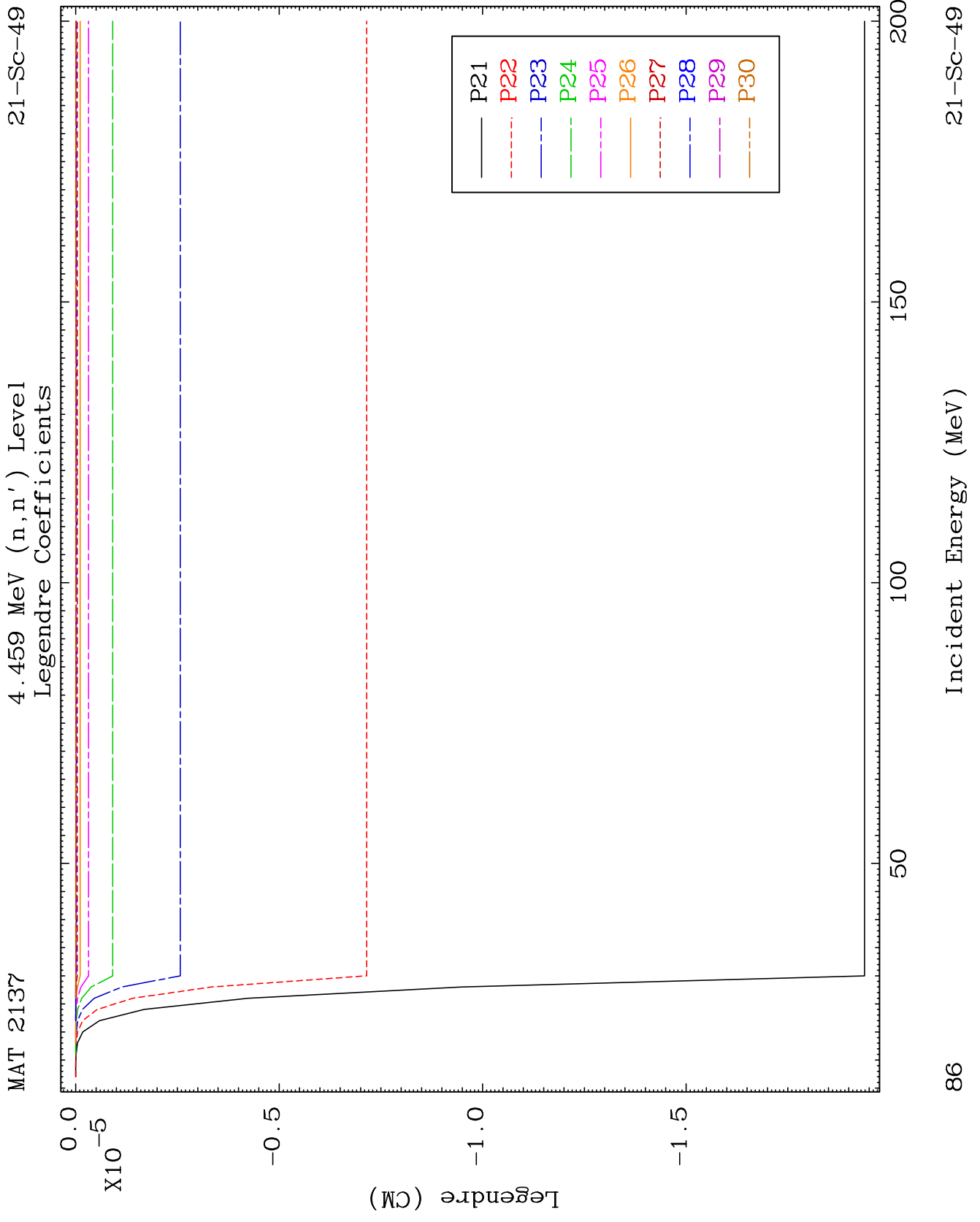
21-Sc-49



84

21-Sc-49

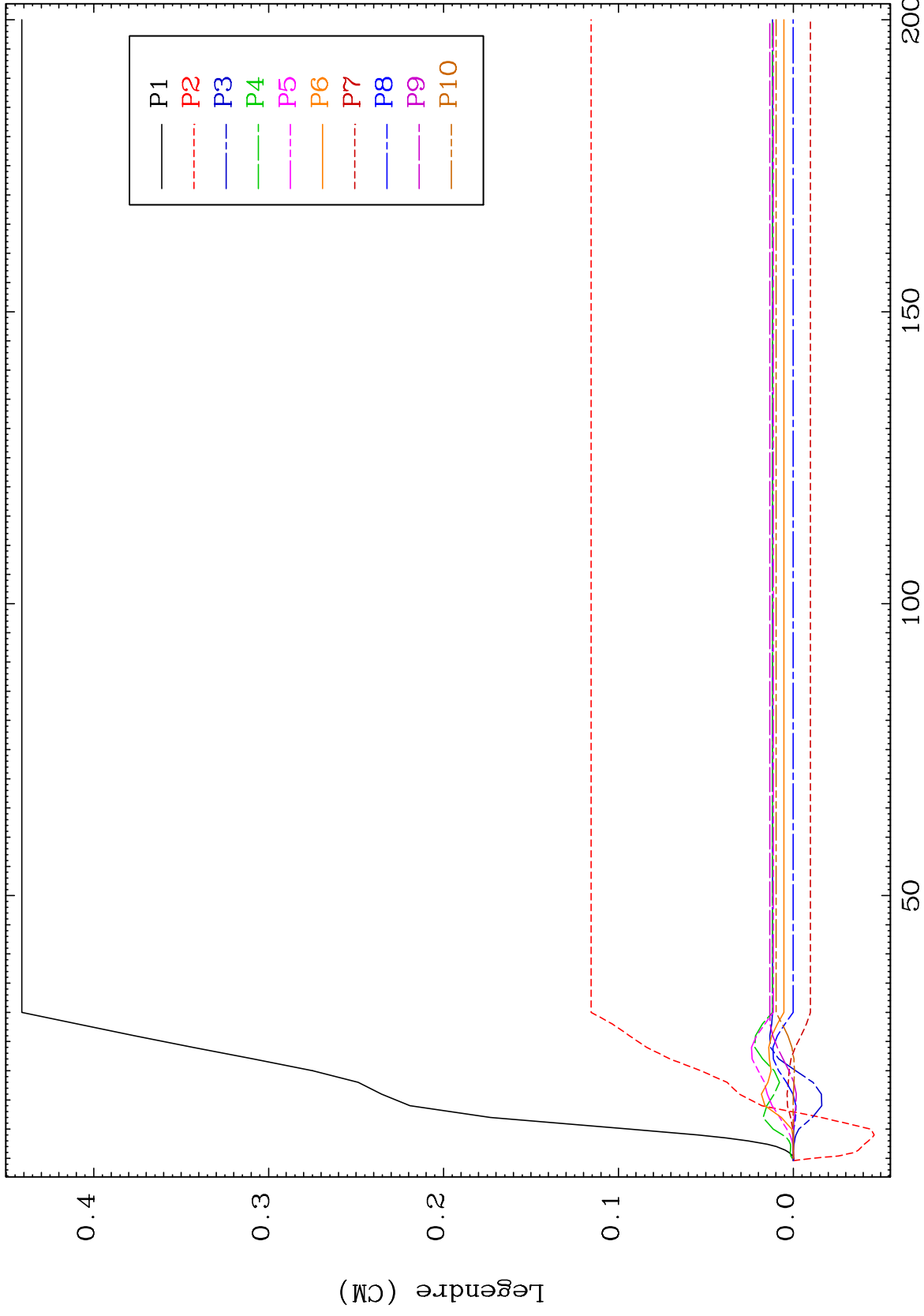




MAT 2137

4.493 MeV (n,n') Level
Legendre Coefficients

21-Sc-49



87

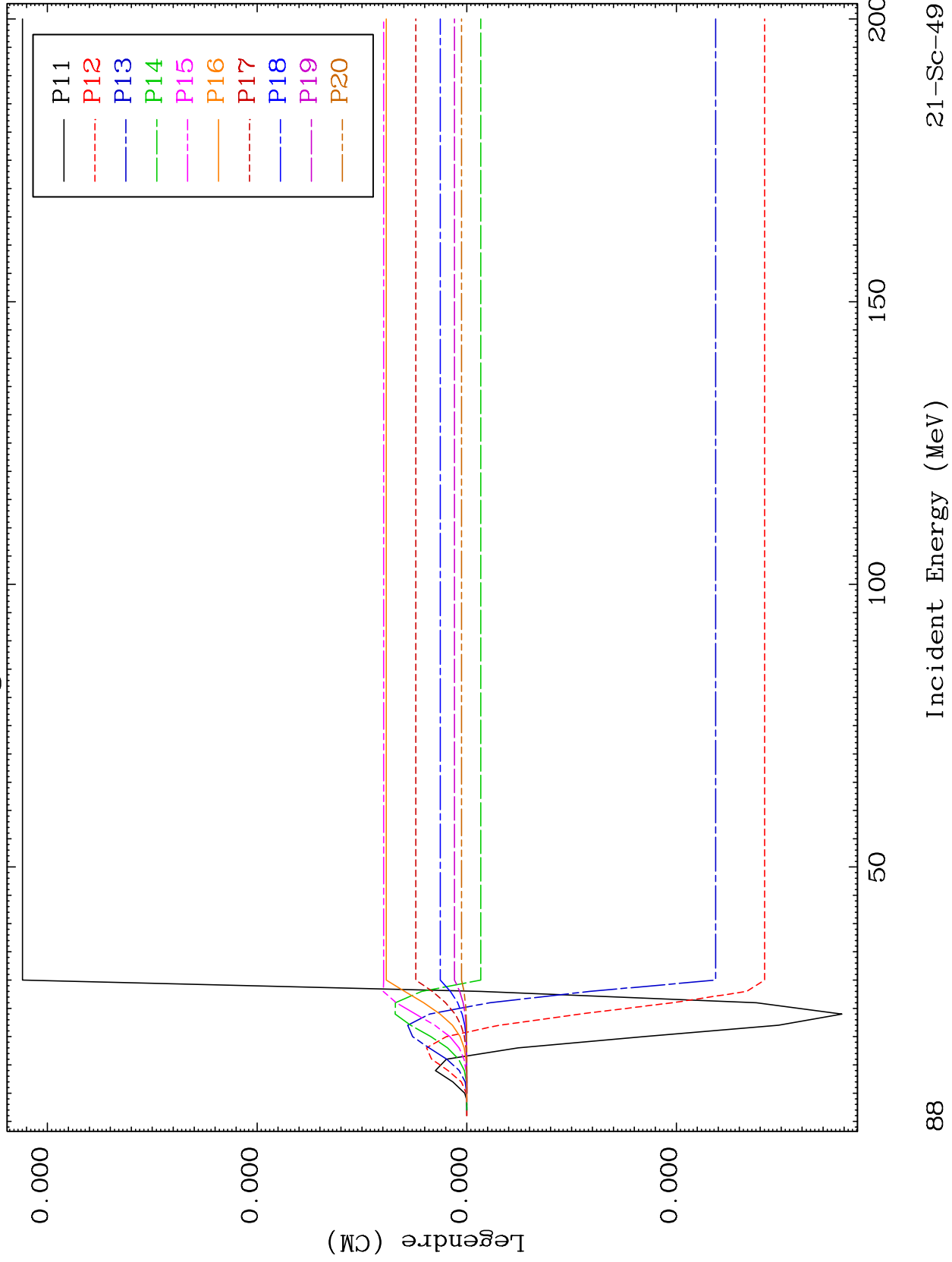
Incident Energy (MeV)

21-Sc-49

MAT 2137

4.493 MeV (n,n') Level
Legendre Coefficients

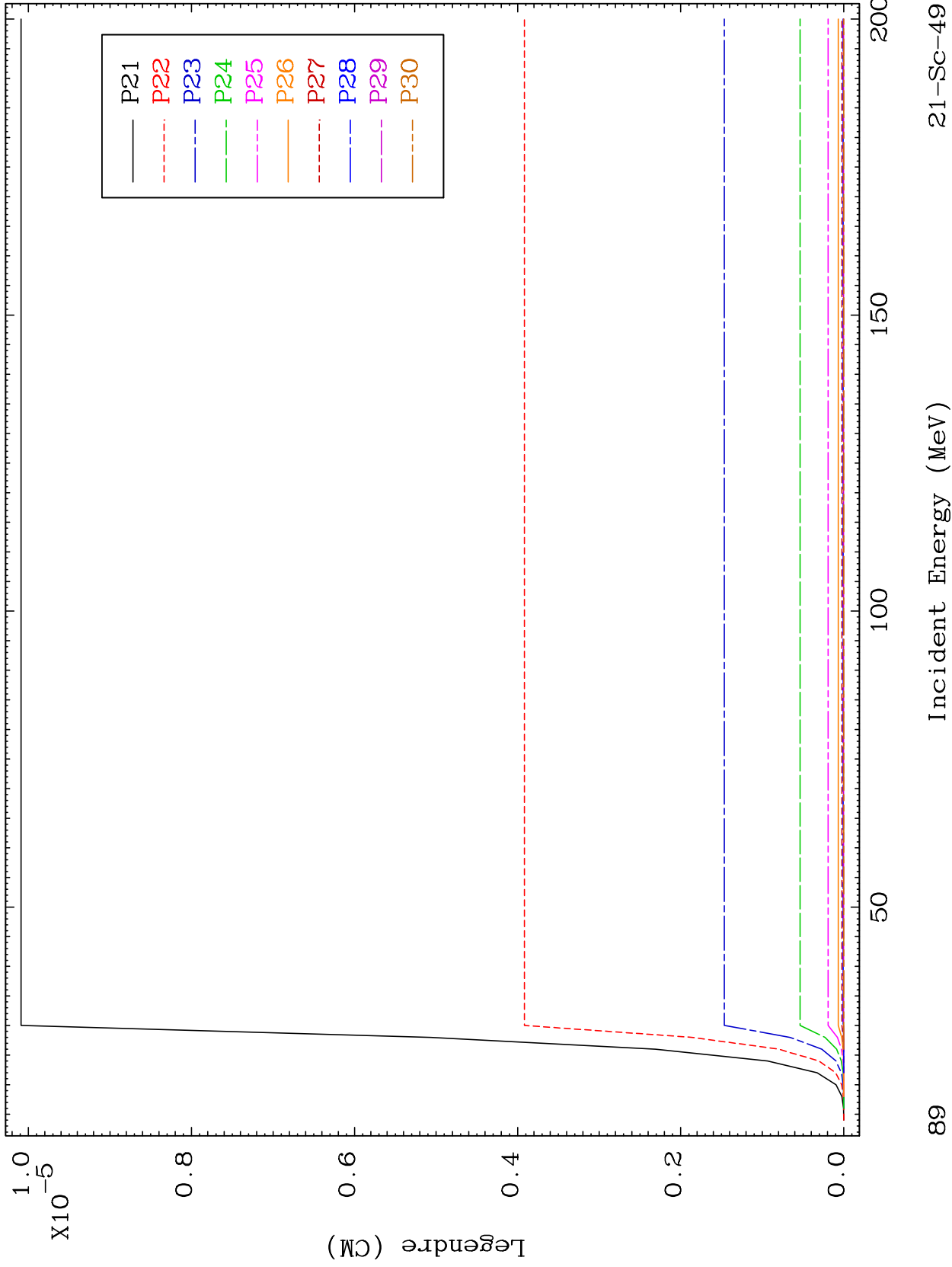
21-Sc-49



88

Incident Energy (MeV)

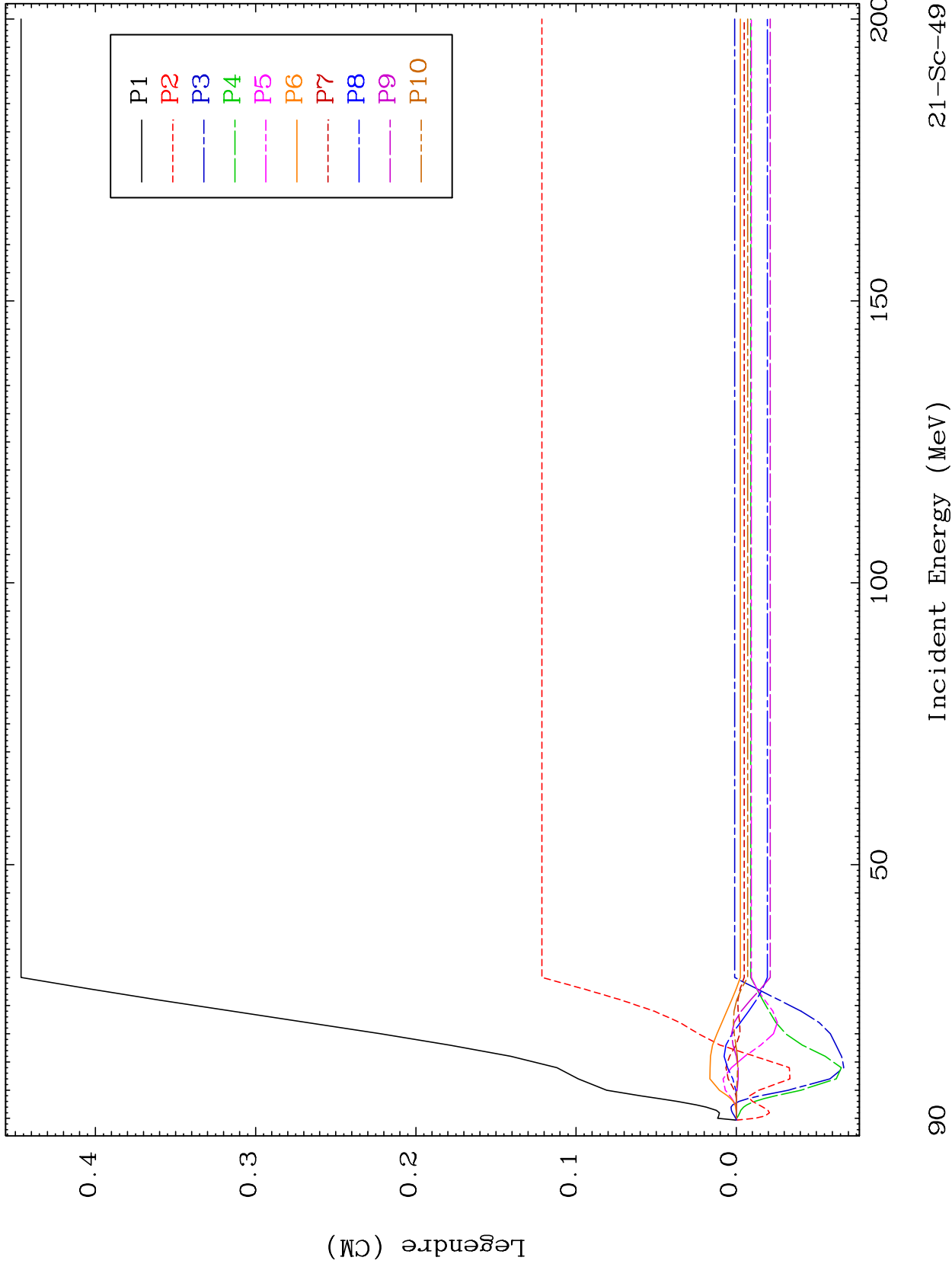
21-Sc-49



MAT 2137

4.579 MeV (n,n') Level
Legendre Coefficients

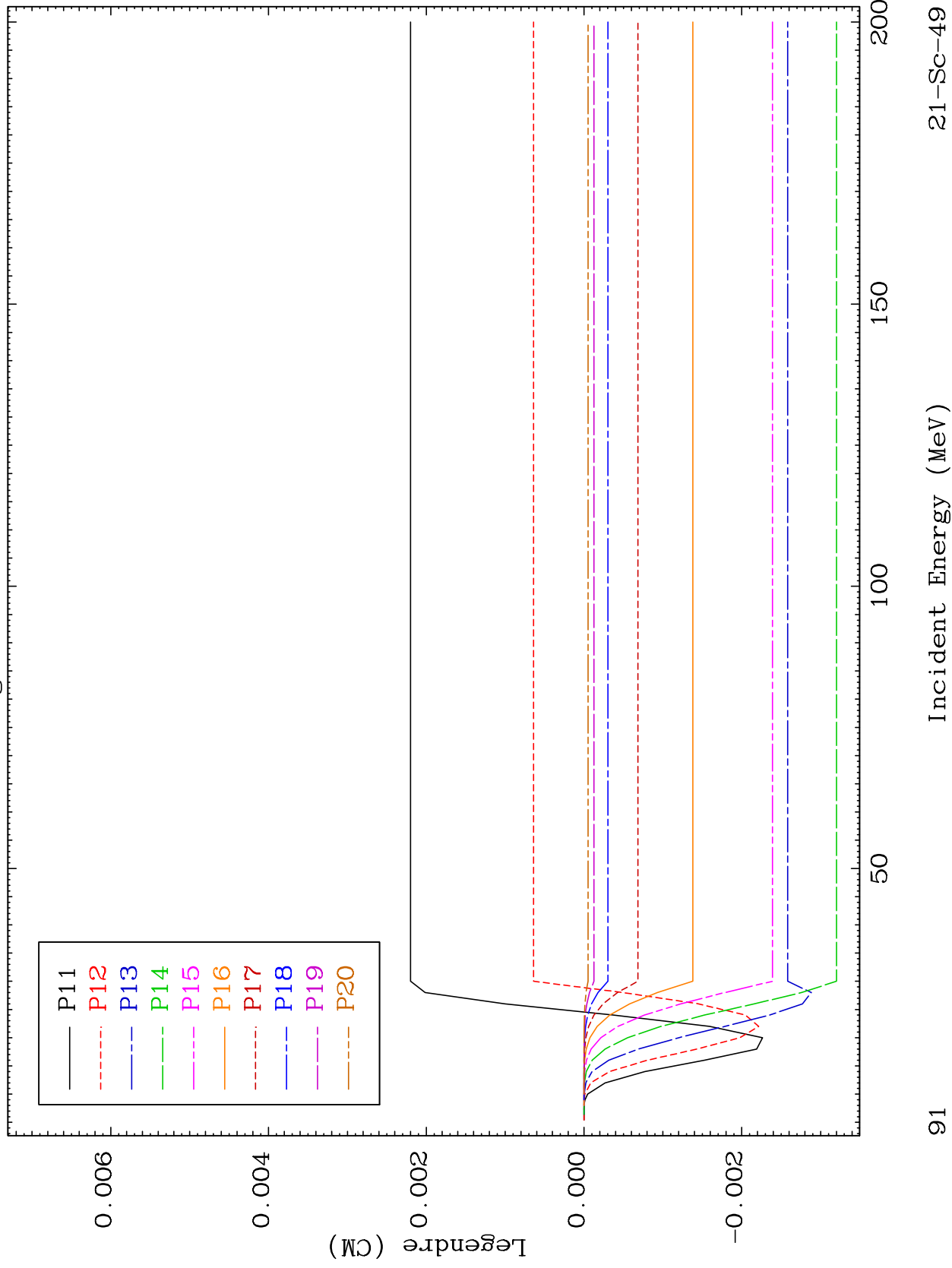
21-Sc-49

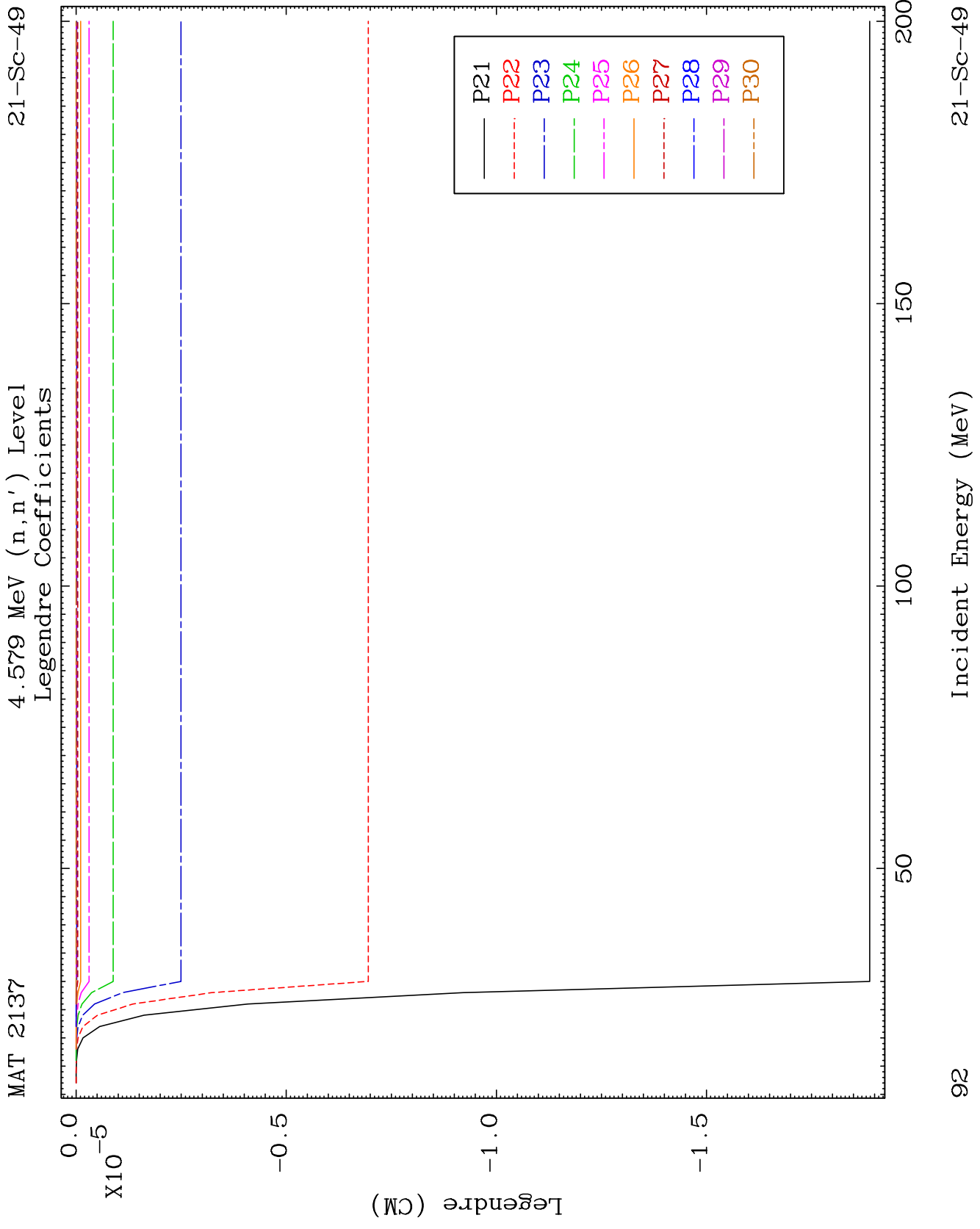


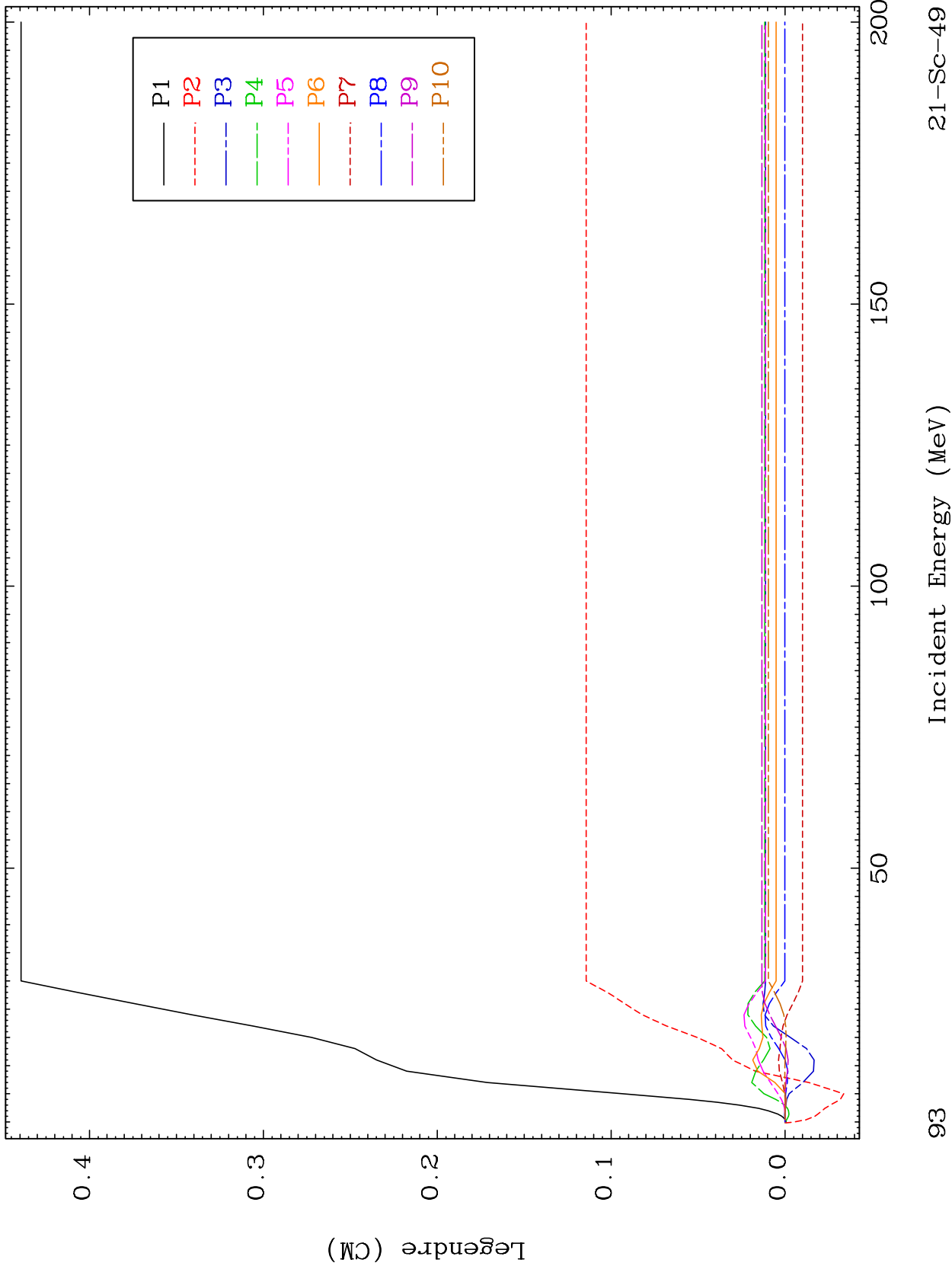
90

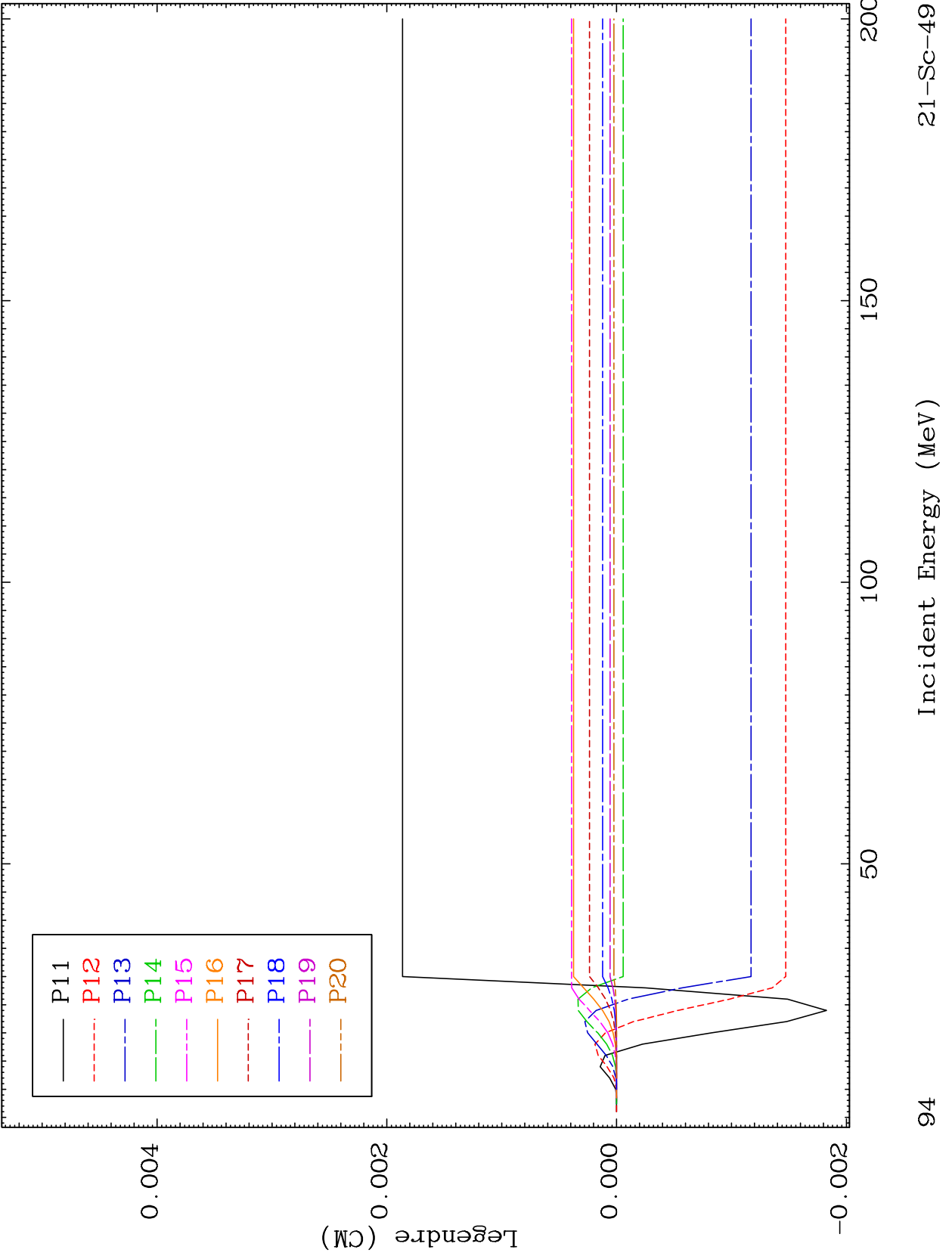
Incident Energy (MeV)

21-Sc-49





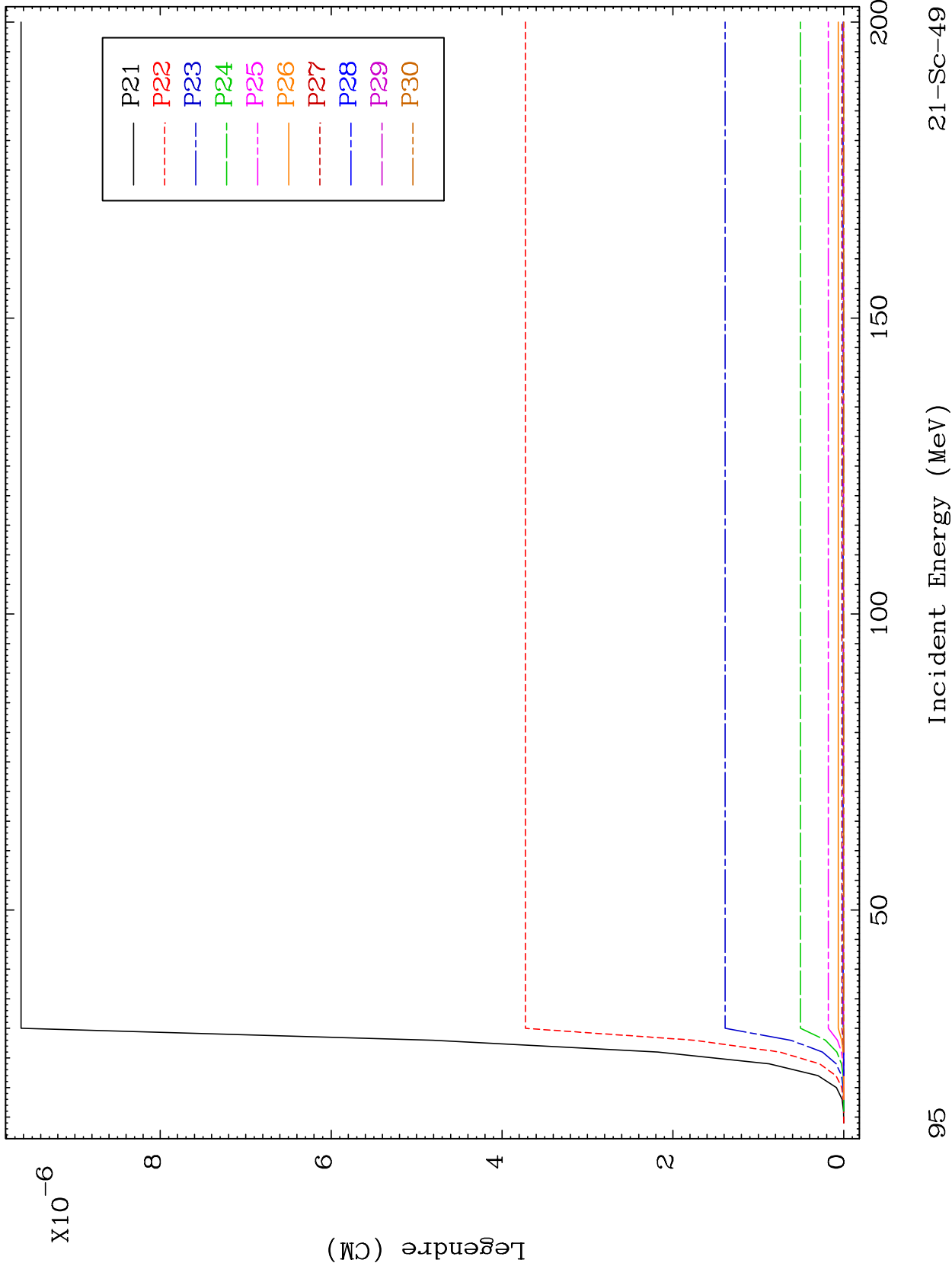




MAT 2137

4.715 MeV (n,n') Level
Legendre Coefficients

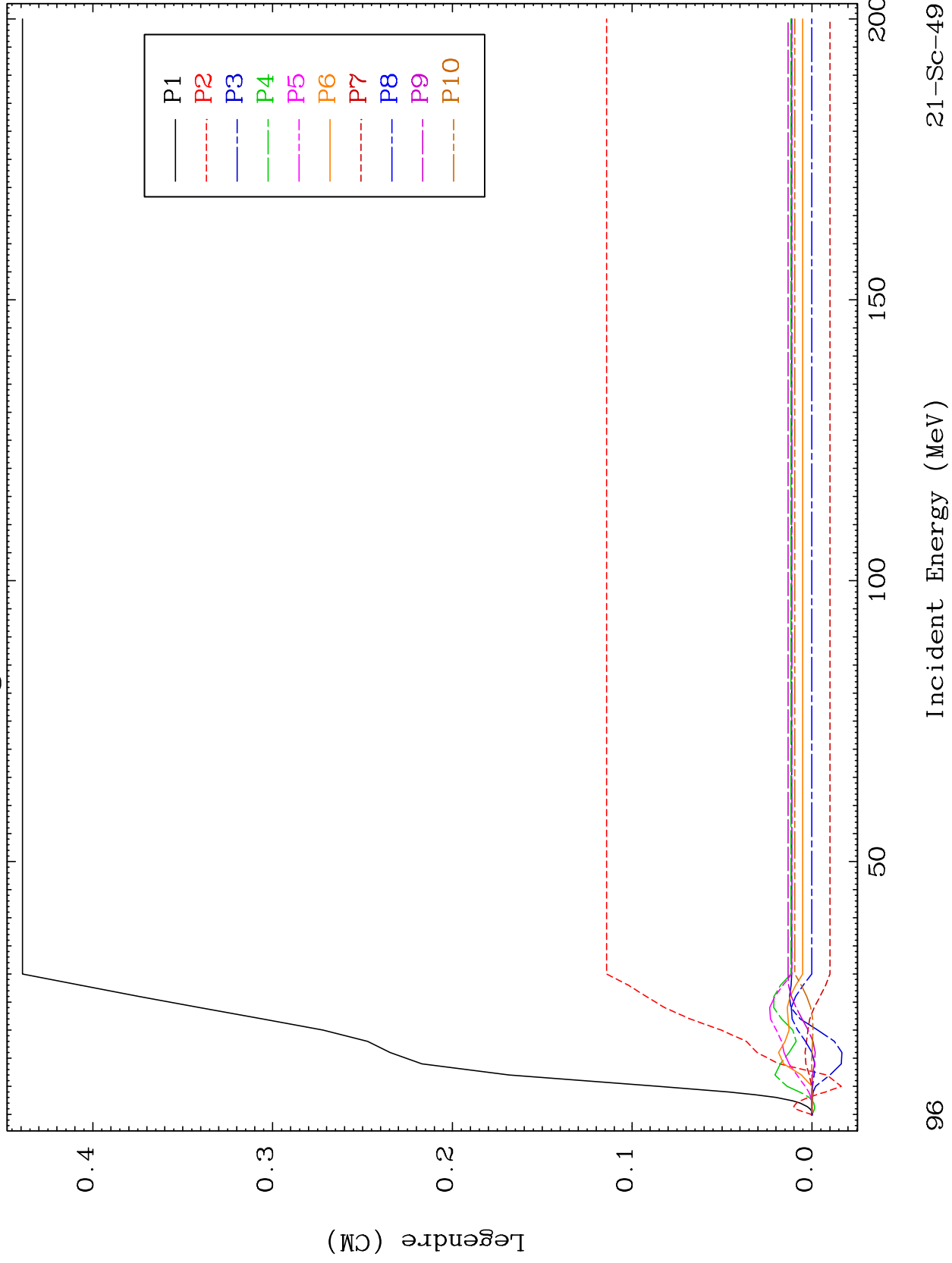
21-Sc-49



MAT 2137

4.738 MeV (n,n') Level
Legendre Coefficients

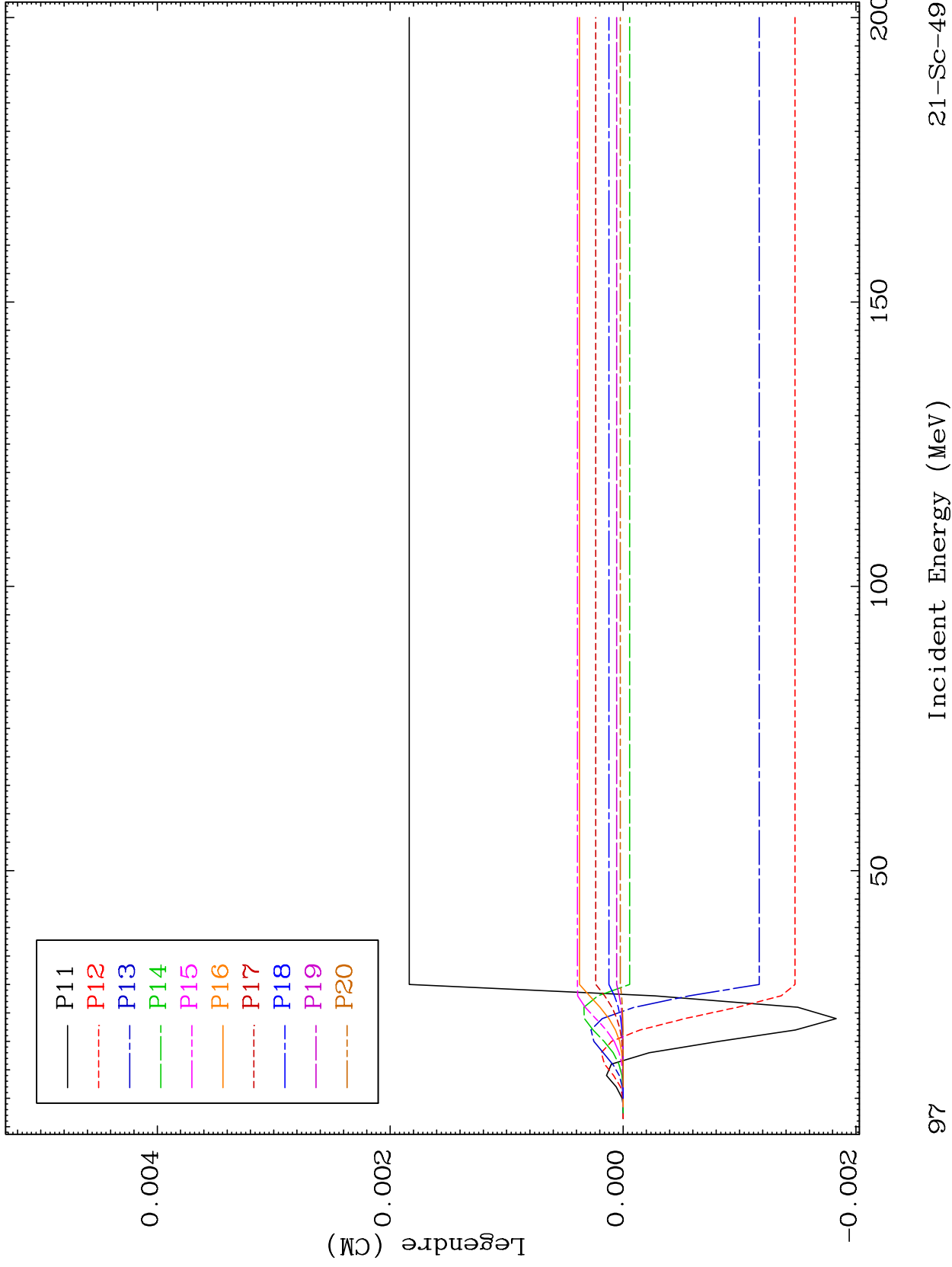
21-Sc-49



MAT 2137

4.738 MeV (n,n') Level
Legendre Coefficients

21-Sc-49



97

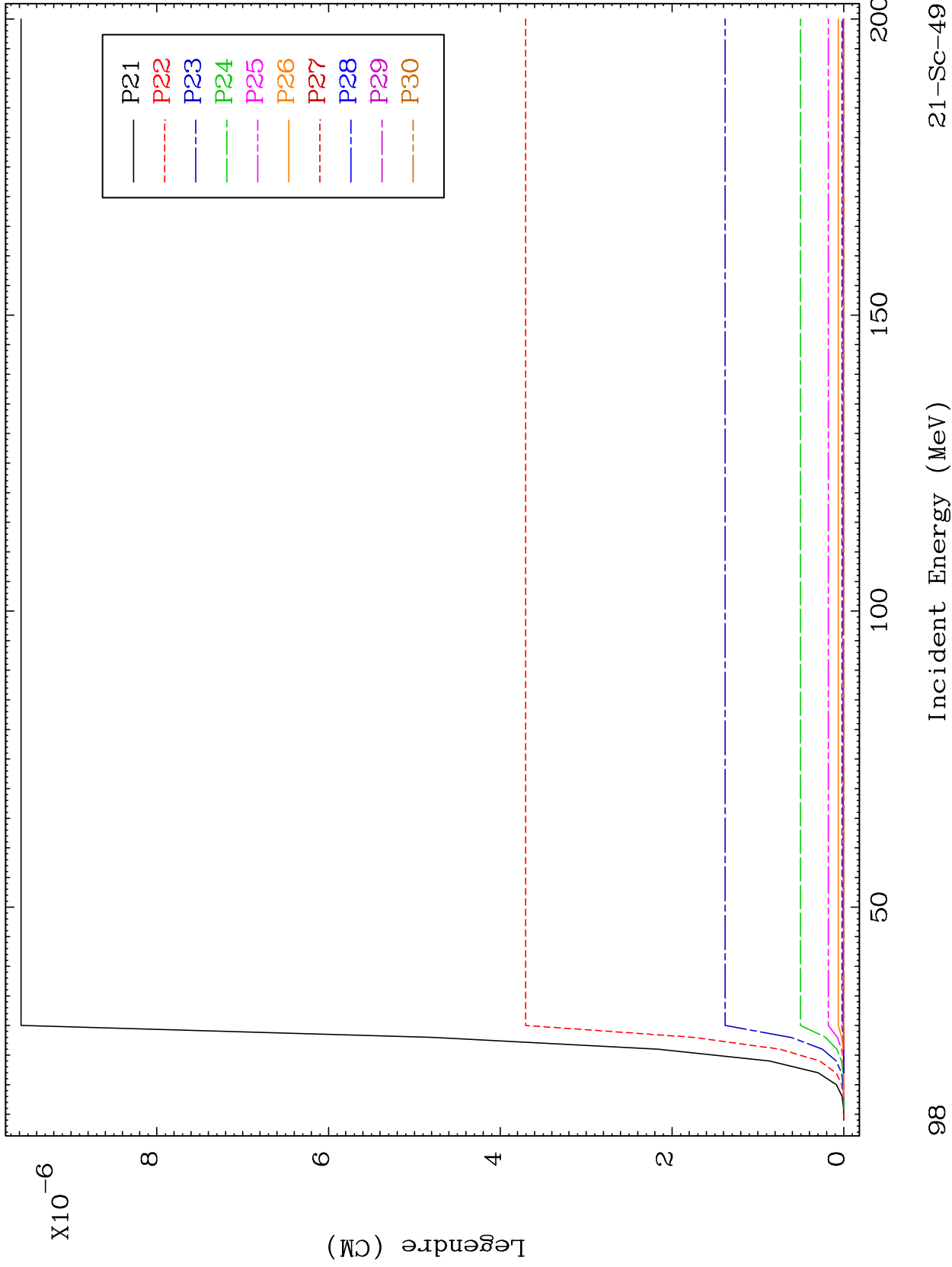
Incident Energy (MeV)

21-Sc-49

MAT 2137

4.738 MeV (n,n') Level
Legendre Coefficients

21-Sc-49

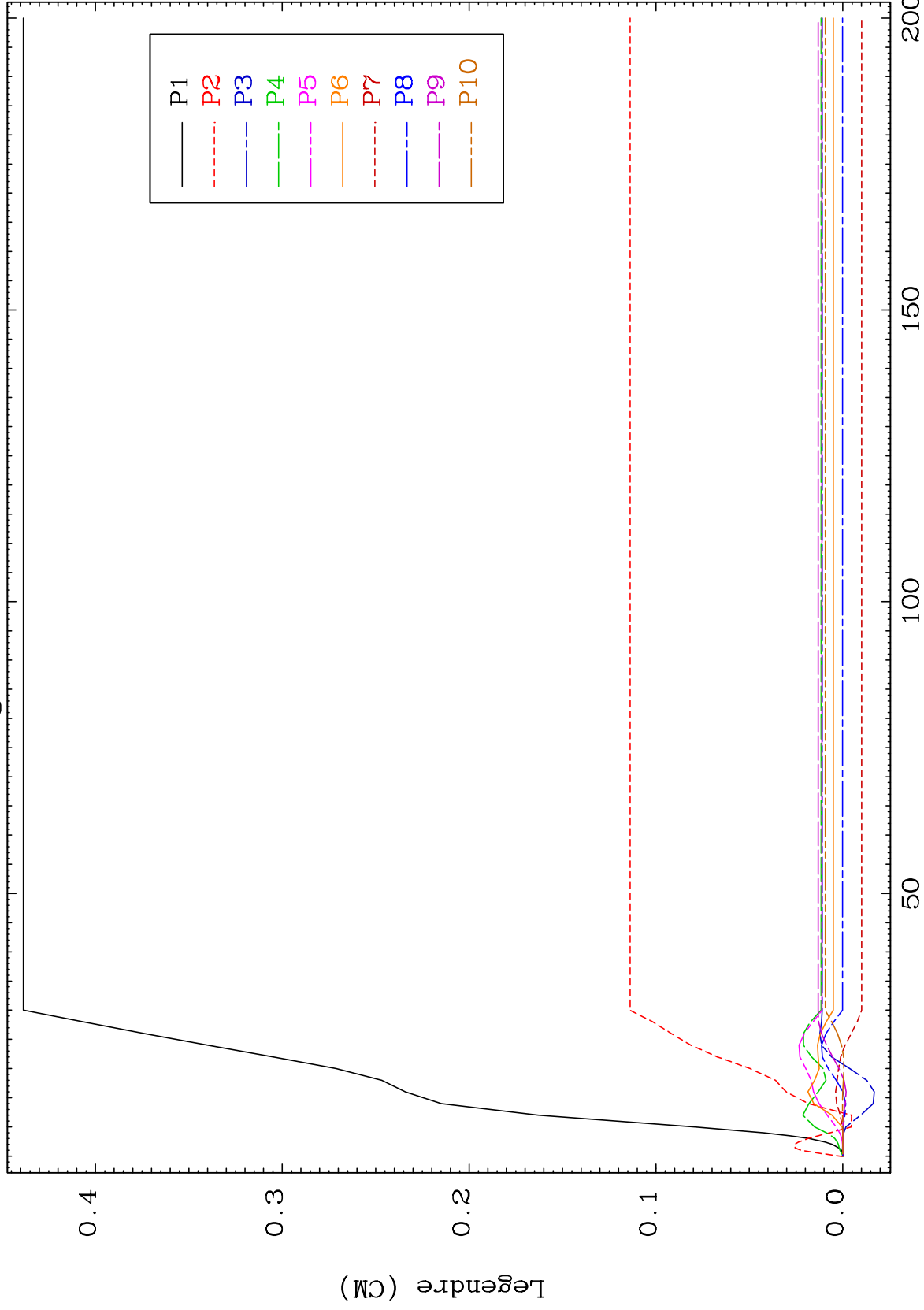


98

MAT 2137

4.810 MeV (n,n') Level
Legendre Coefficients

21-Sc-49



99

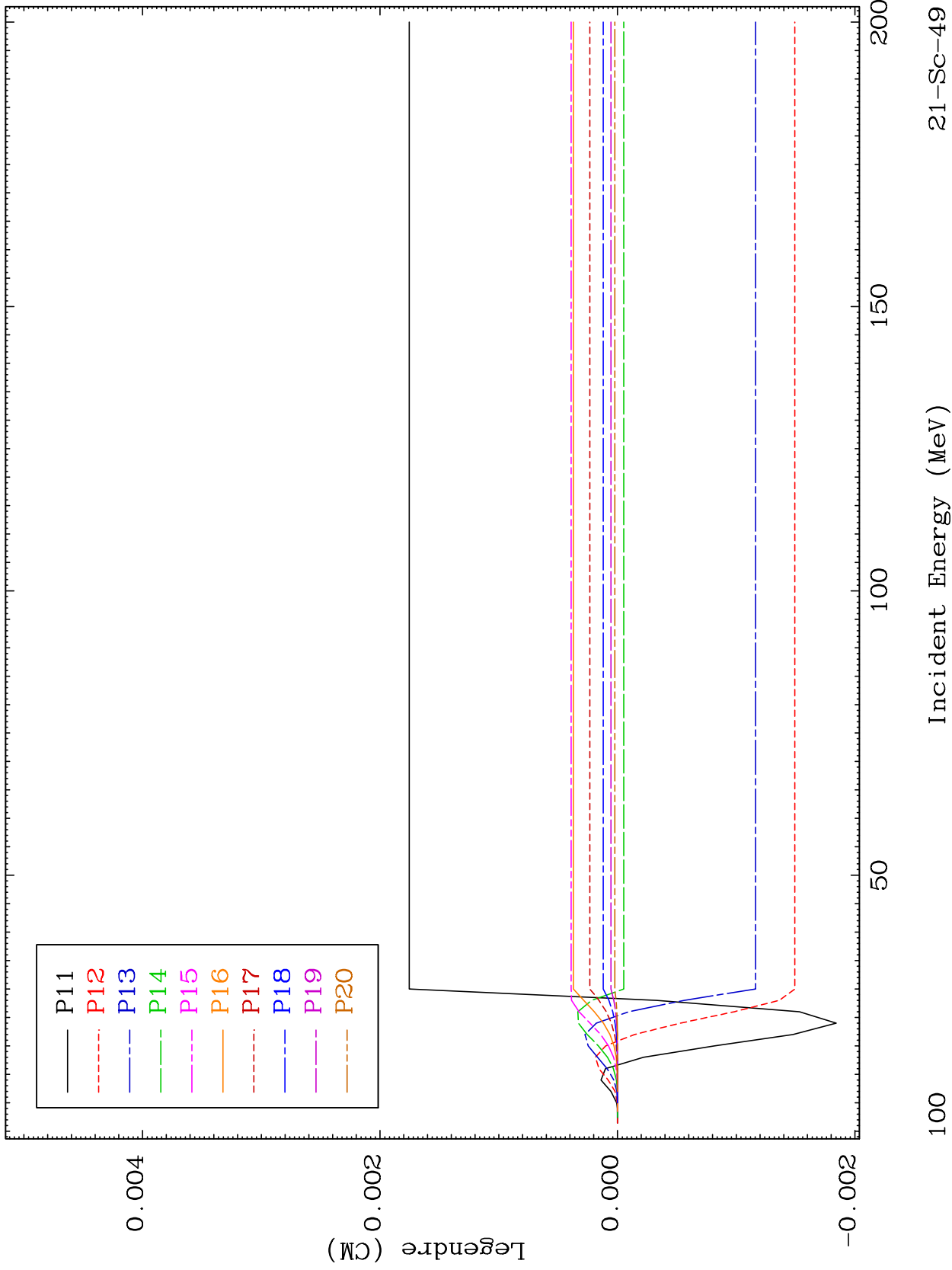
Incident Energy (MeV)

21-Sc-49

MAT 2137

4.810 MeV (n,n') Level
Legendre Coefficients

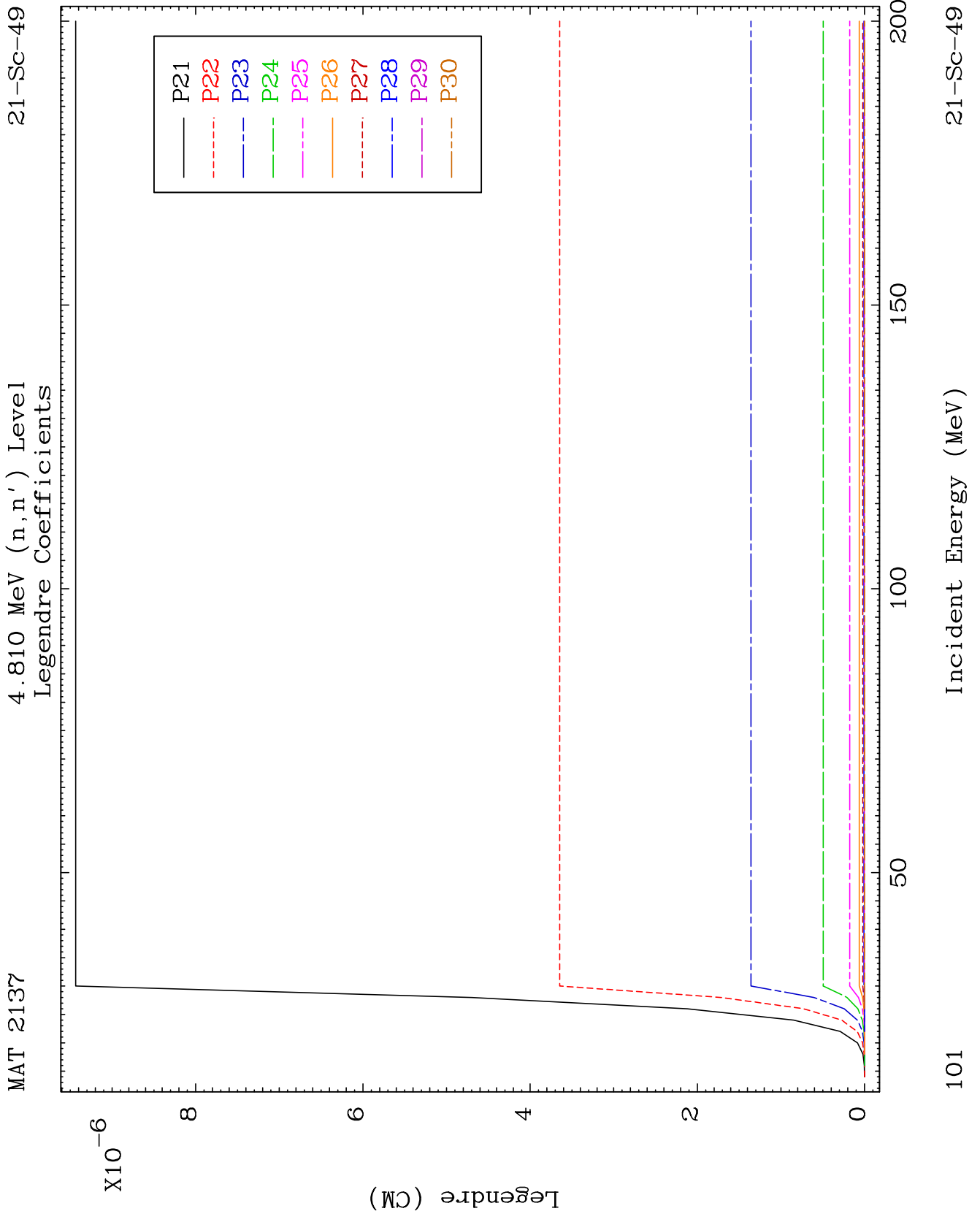
21-Sc-49



100

Incident Energy (MeV)

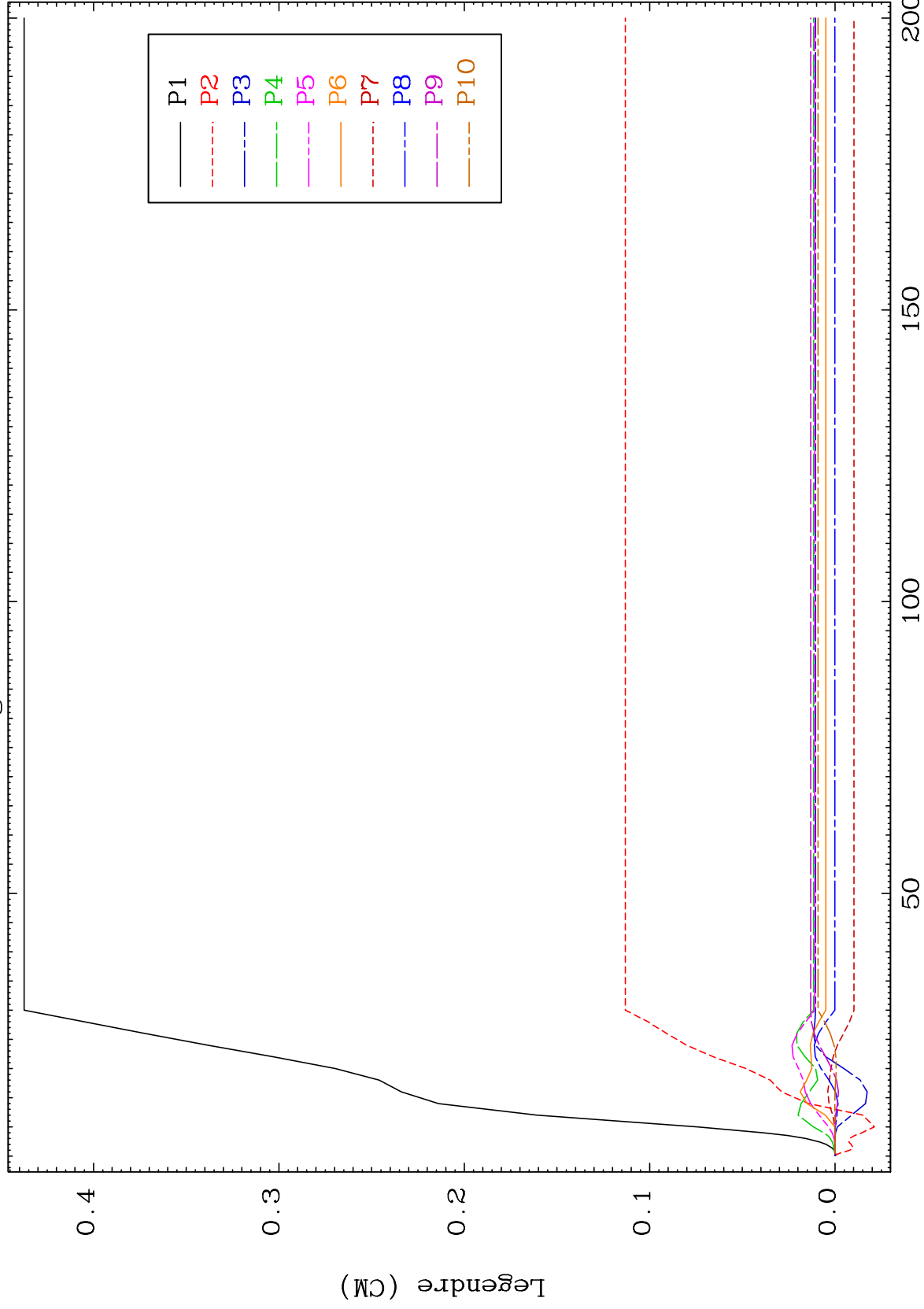
21-Sc-49



MAT 2137

4.948 MeV (n,n') Level
Legendre Coefficients

21-Sc-49



102

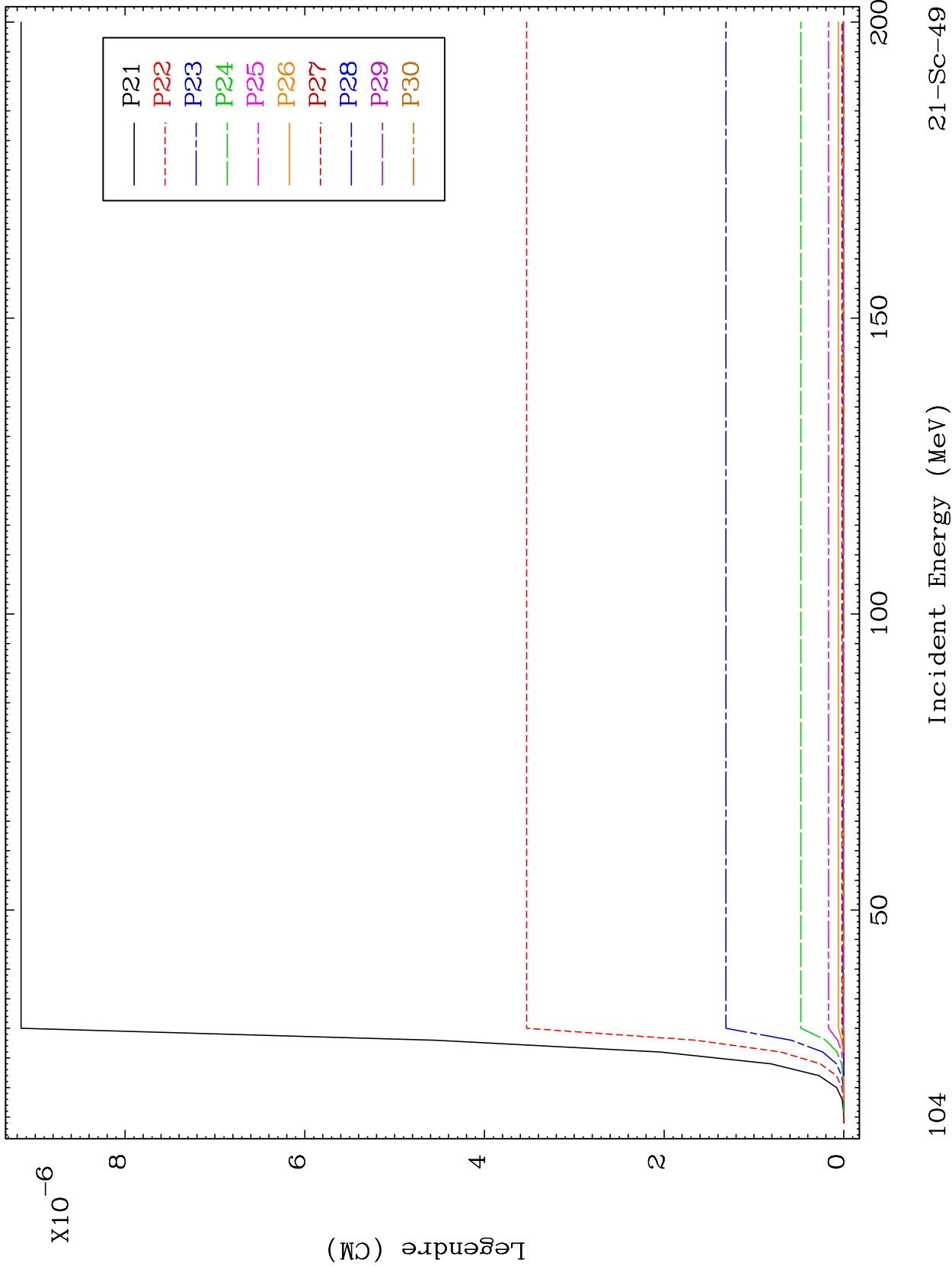
Incident Energy (MeV)

21-Sc-49

MAT 2137

4.948 MeV (n,n') Level
Legendre Coefficients

21-Sc-49



104

Incident Energy (MeV)

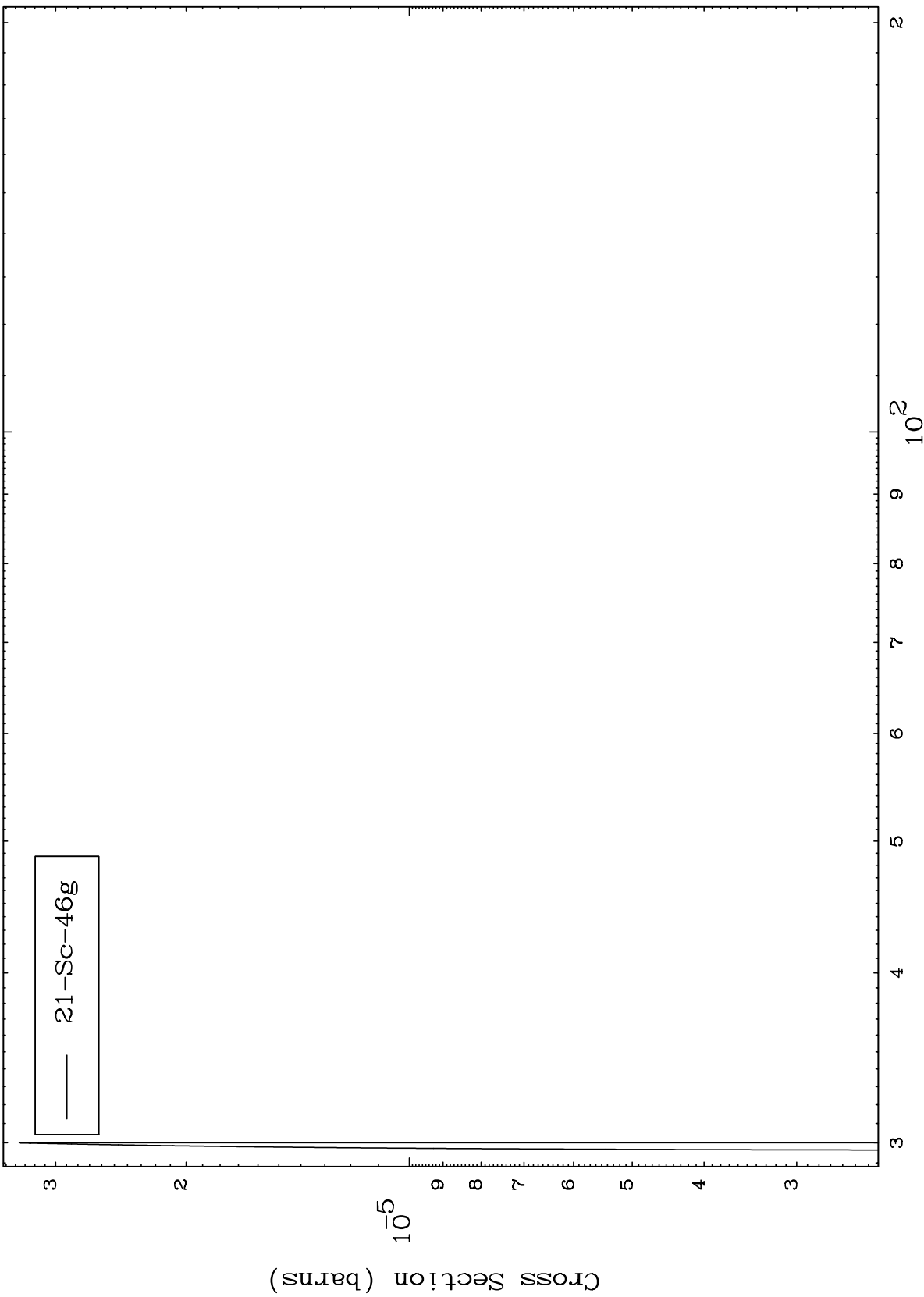
21-Sc-49

MAT 2137

21-Sc-49

(n,4n)

Radionuclide Production Cross Section



105

21-Sc-49

Incident Energy (MeV)

MAT 2137

21-Sc-49

(n, γ)
Radionuclide Production Cross Section

