

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

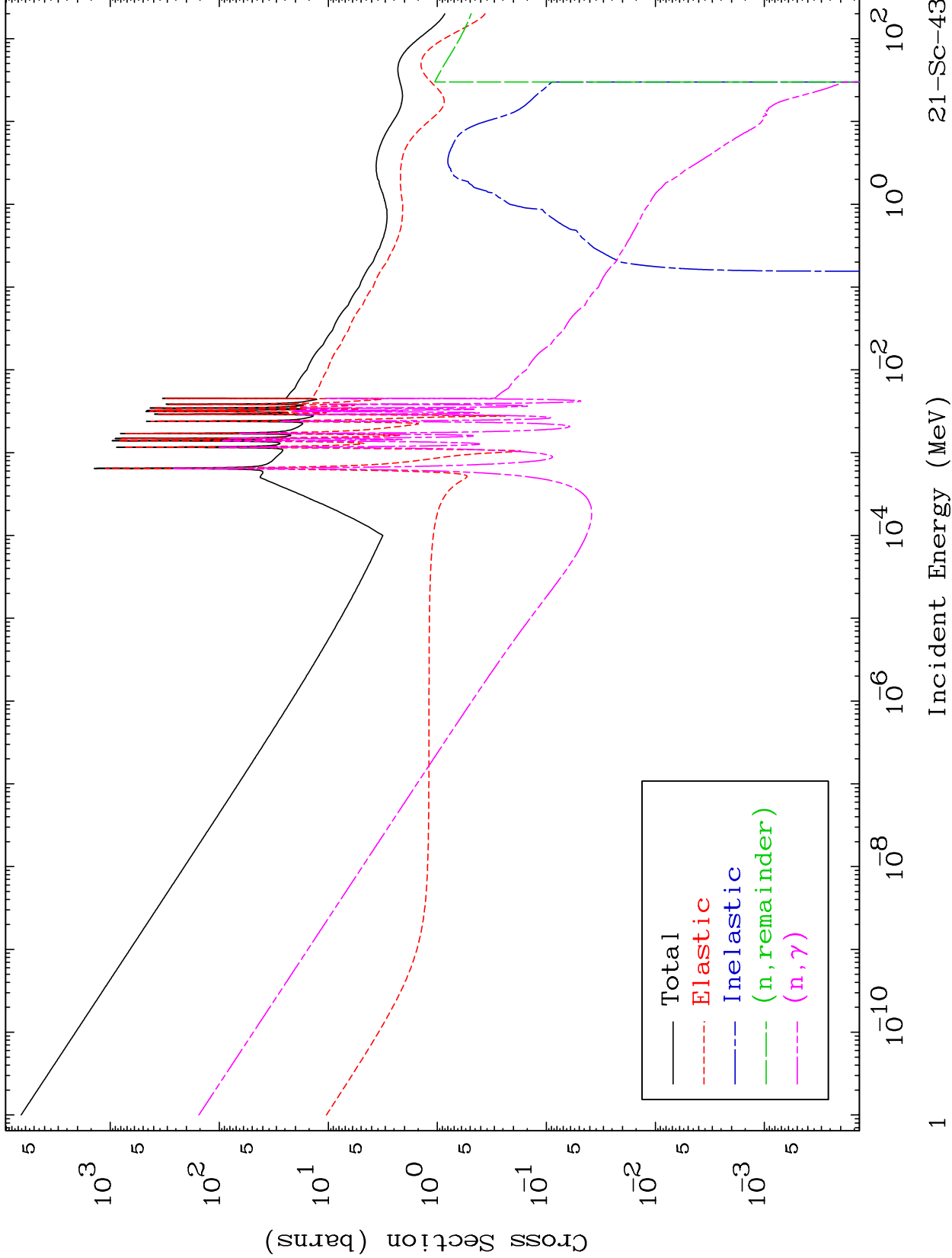
Press Mouse Button to Start

MAT 2119

Major

293 Kelvin Cross Sections

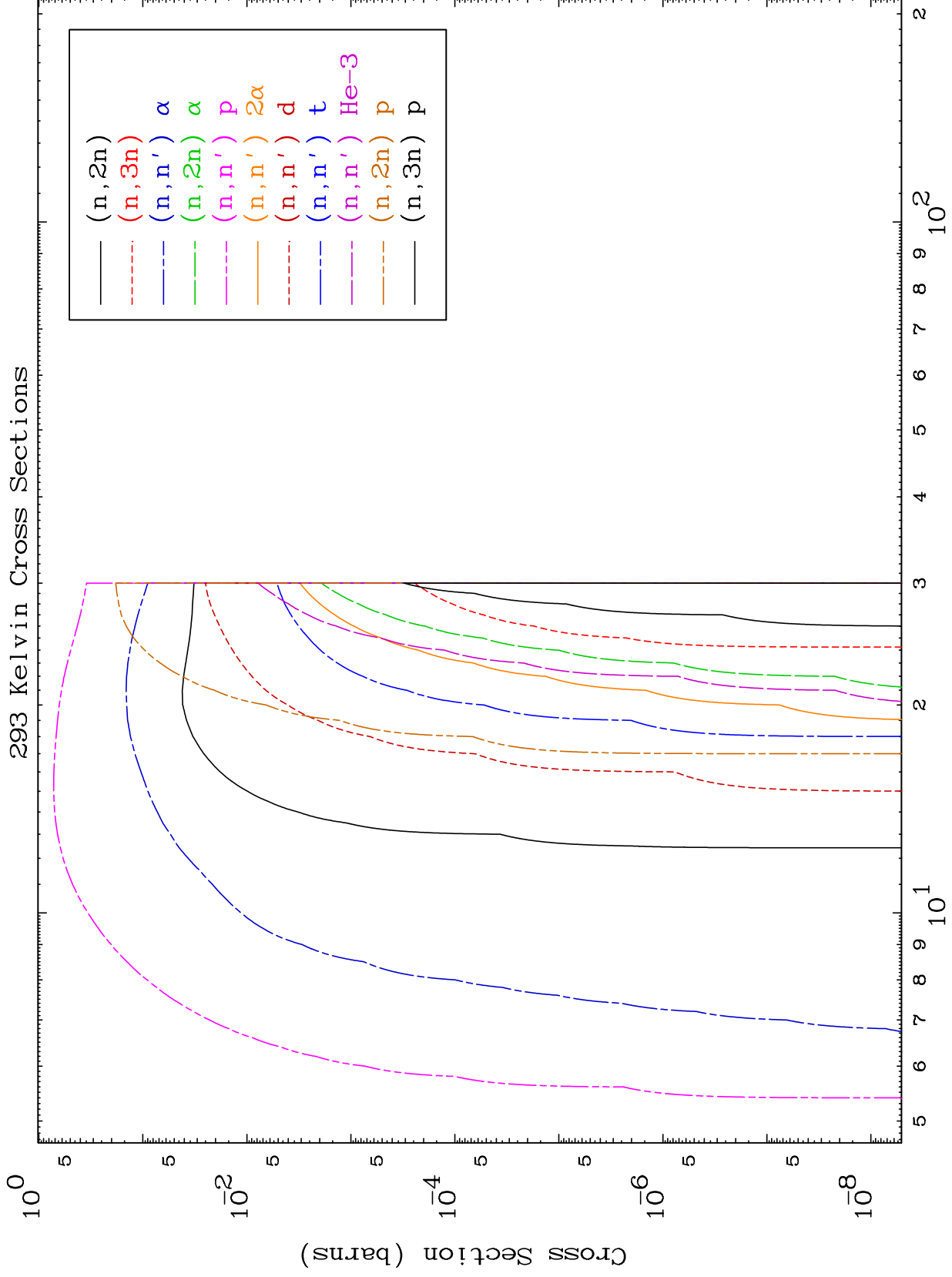
21-Sc-43



MAT 2119

Neutron Production
293 Kelvin Cross Sections

21-Sc-43



2

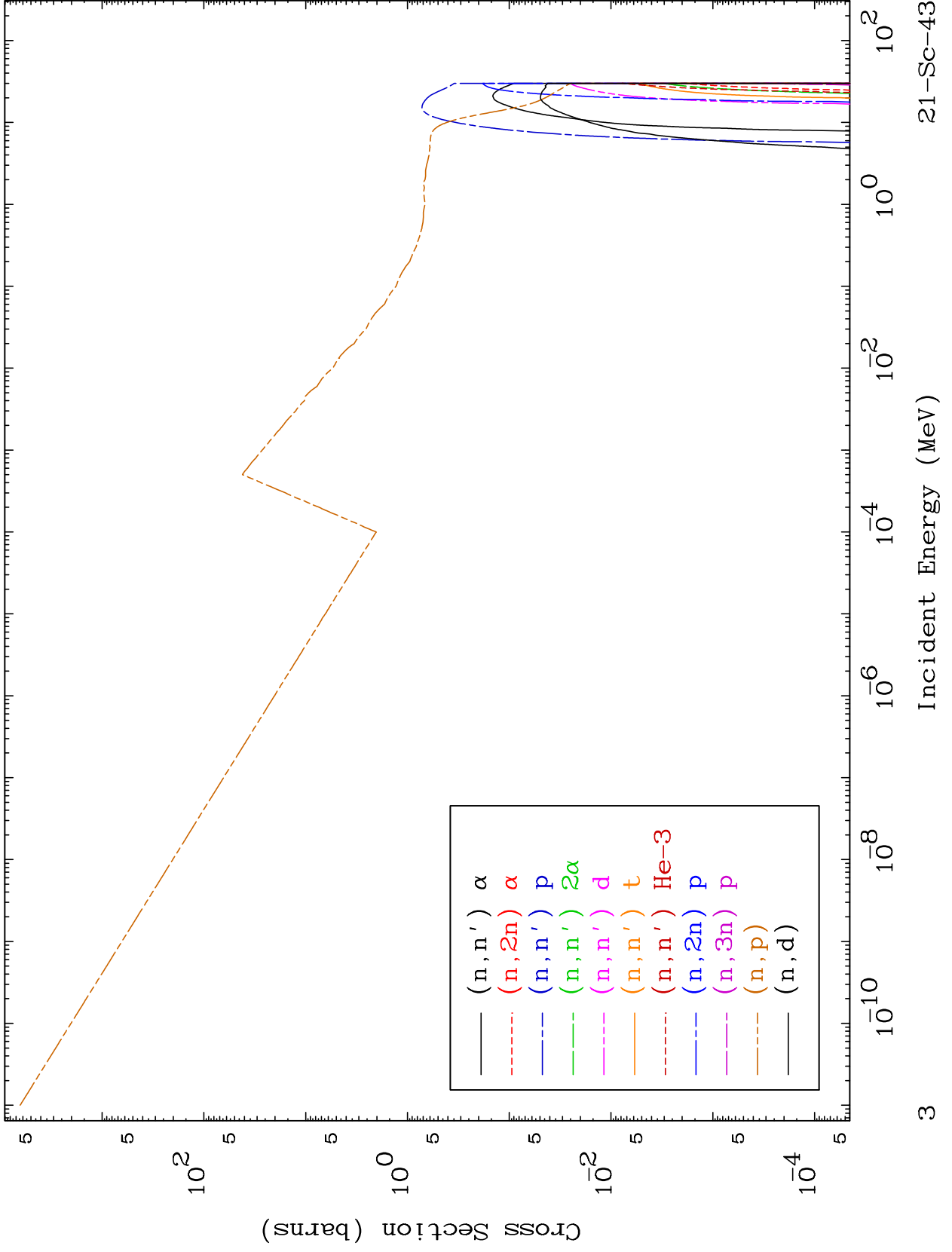
Incident Energy (MeV)

21-Sc-43

MAT 2119

Charged Particle
293 Kelvin Cross Sections

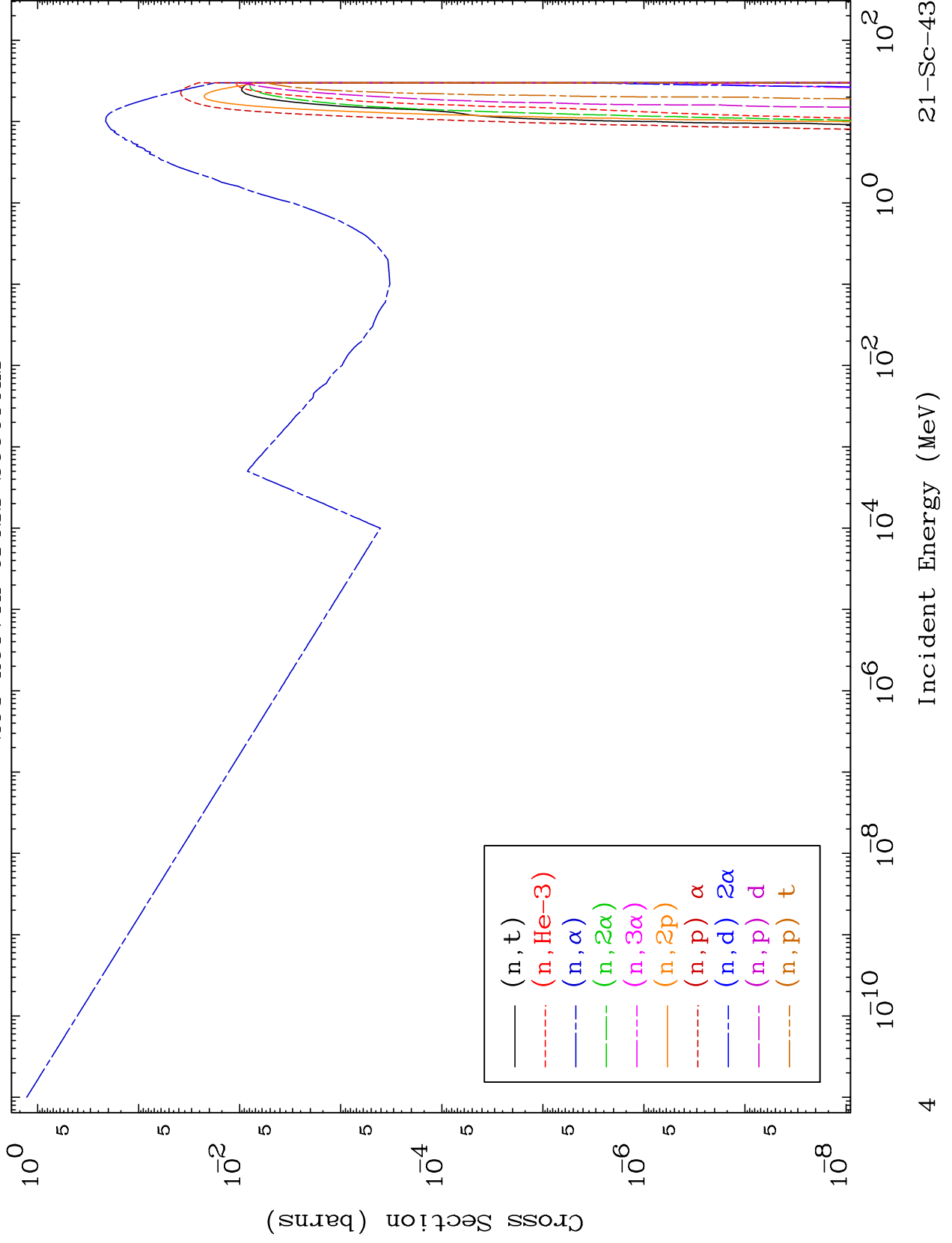
21-Sc-43

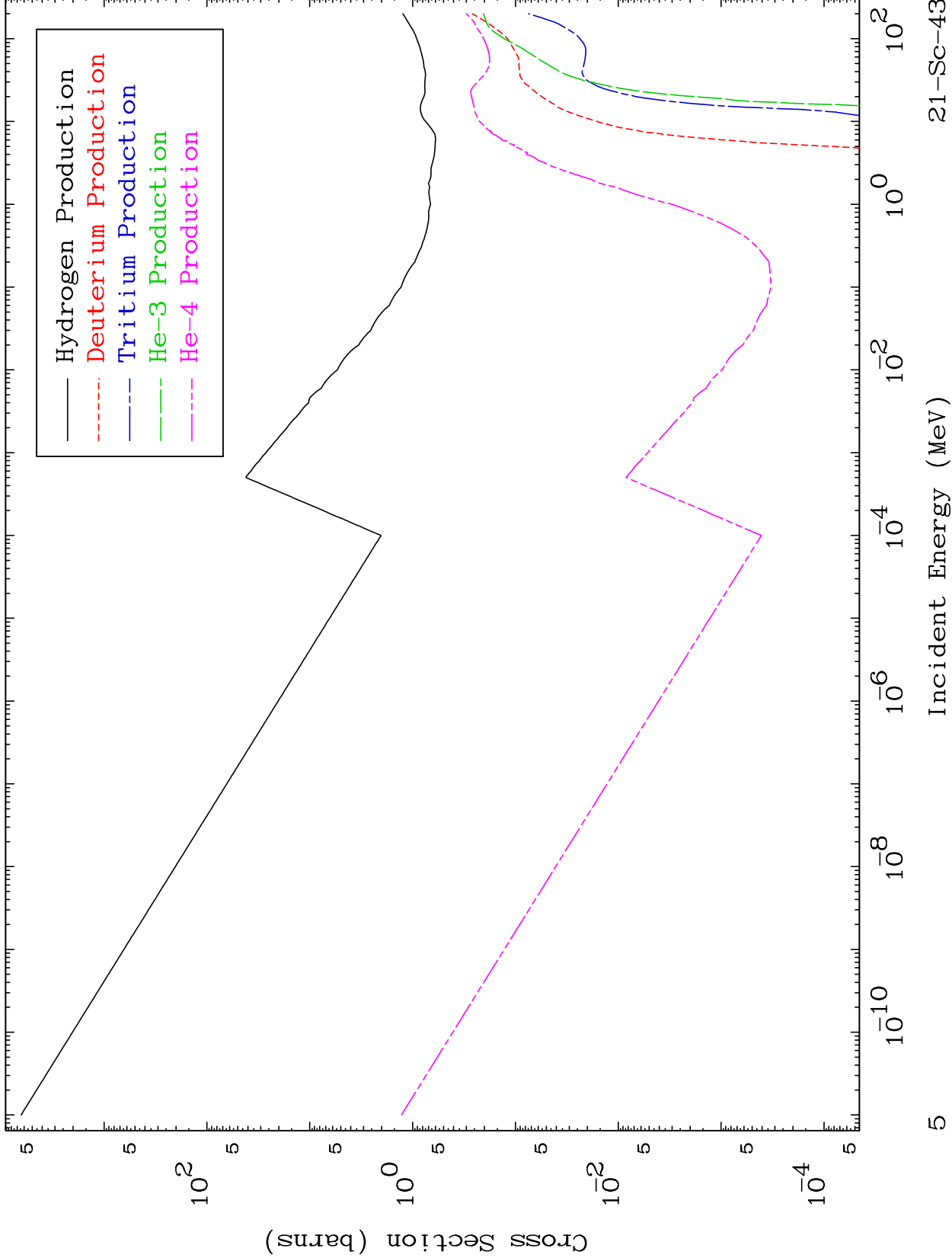


MAT 2119

Charged Particle
293 Kelvin Cross Sections

21-Sc-43

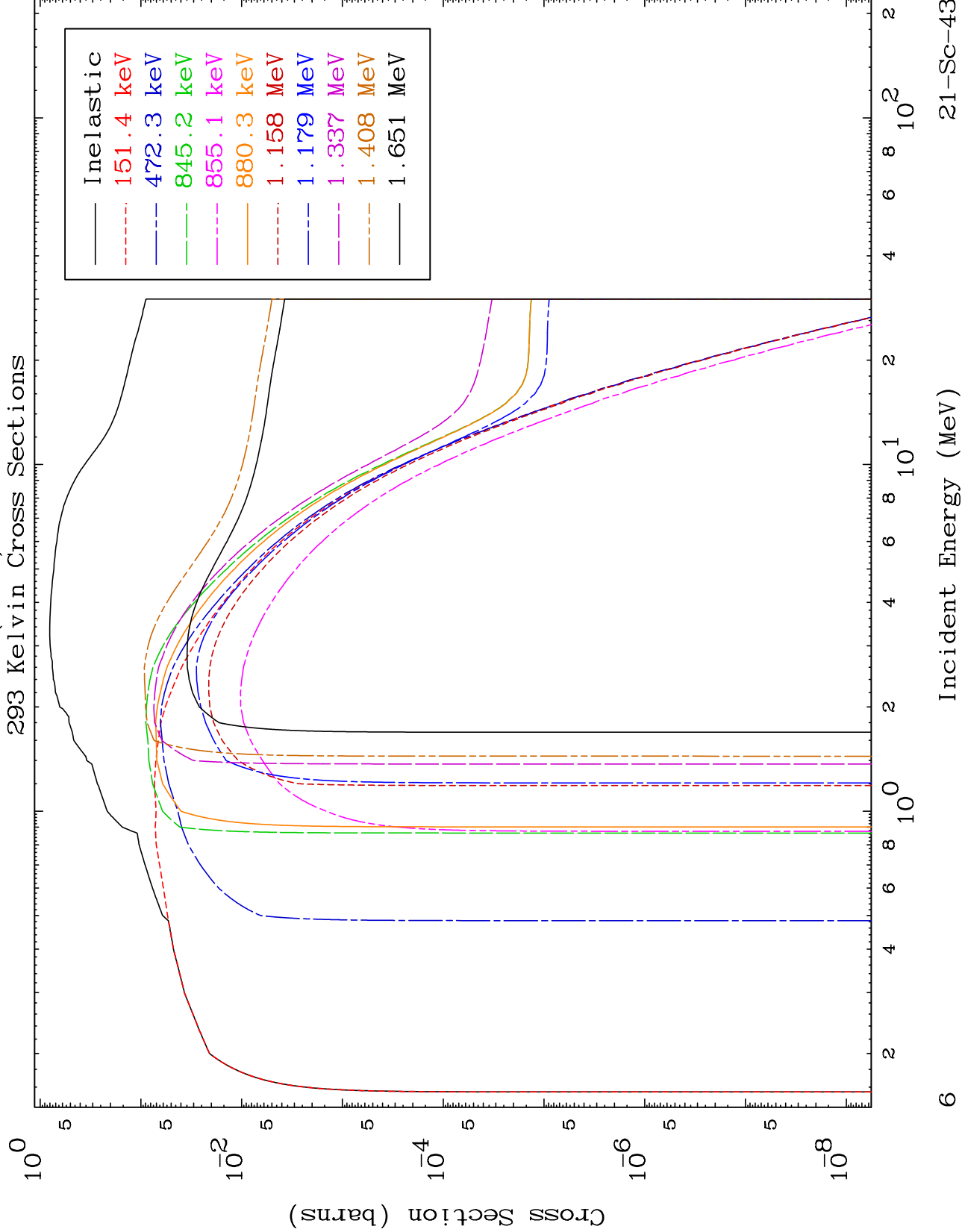




MAT 2119

(n,n') Level

21-Sc-43



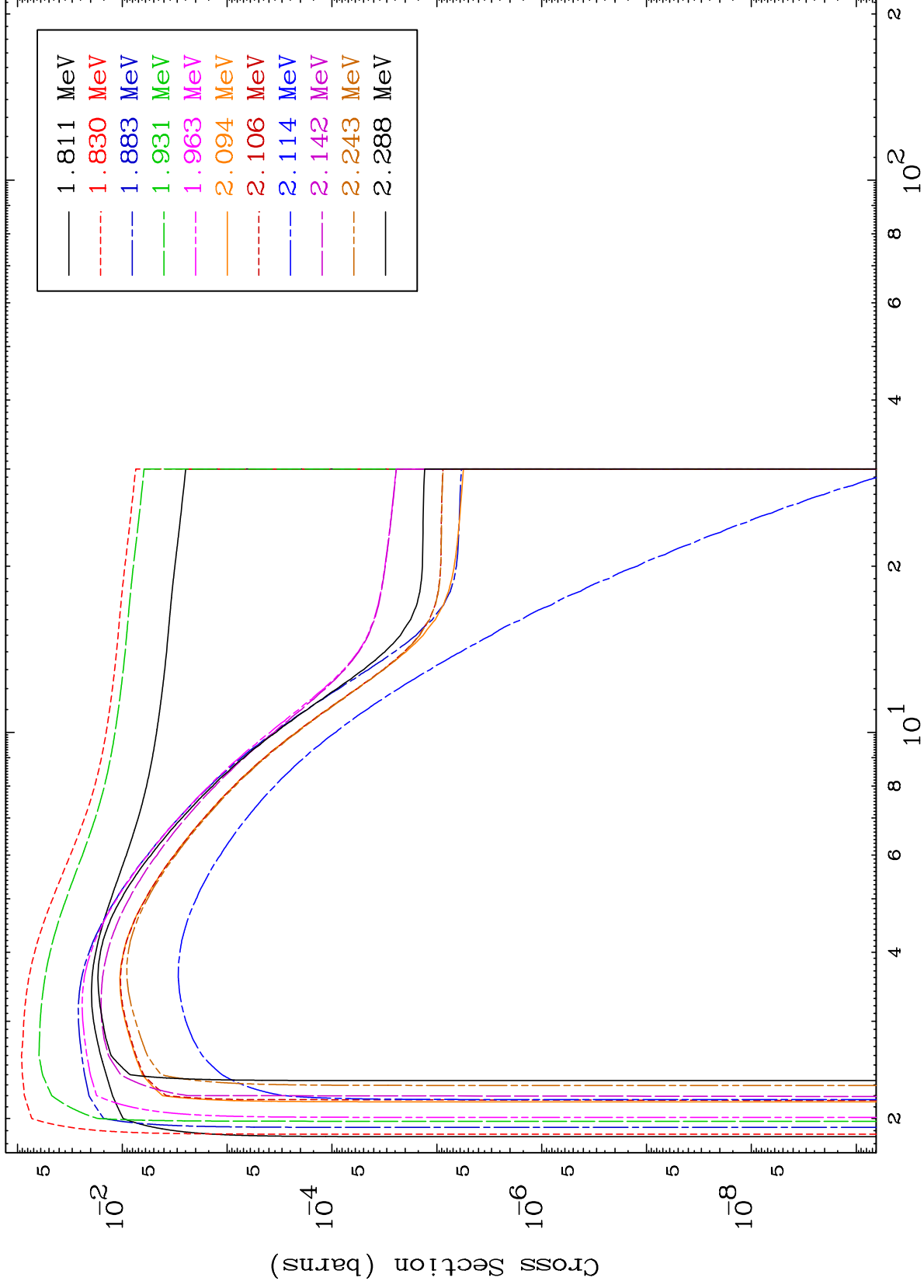
6

21-Sc-43

MAT 2119

(n,n') Level
293 Kelvin Cross Sections

21-Sc-43

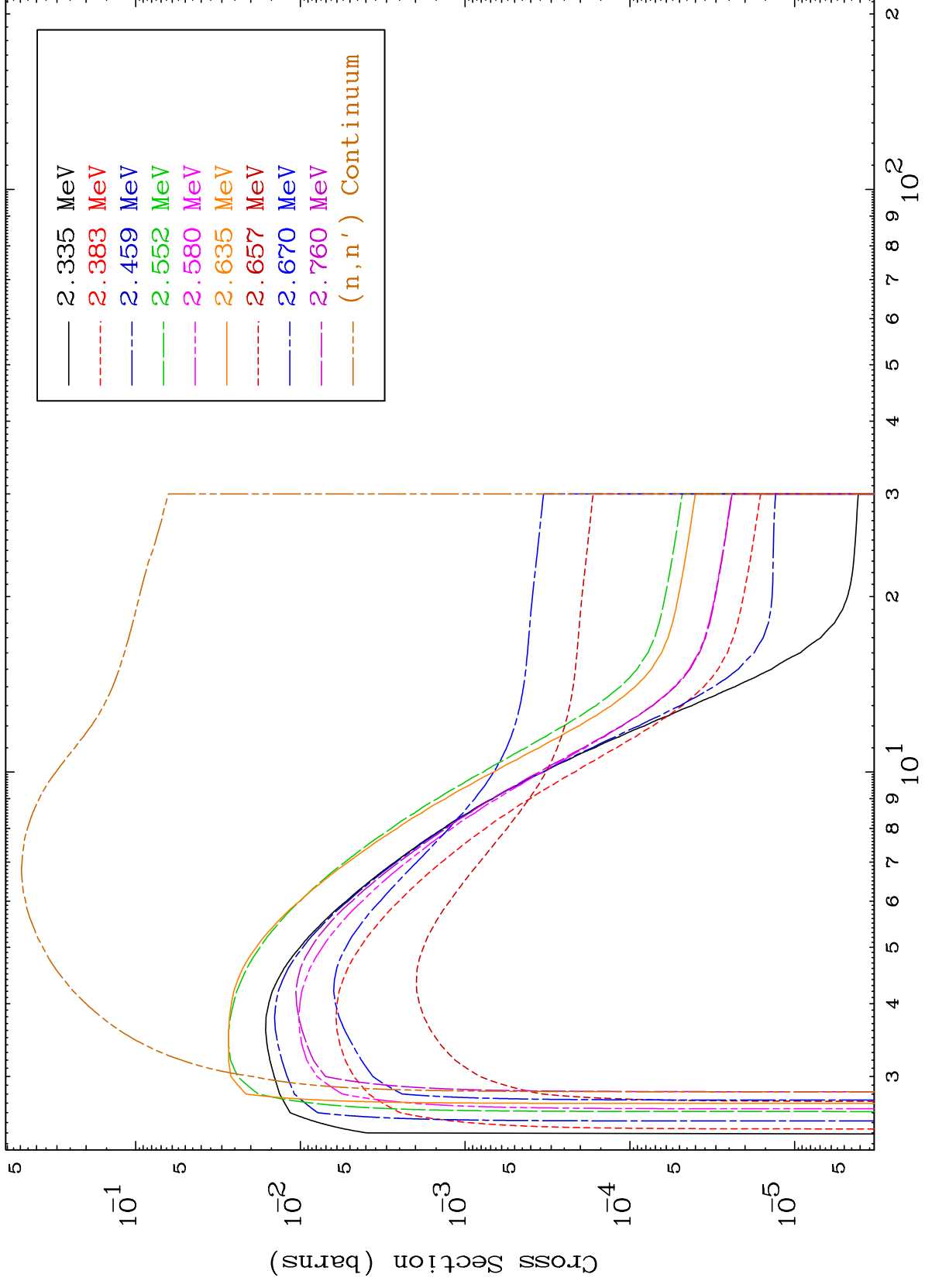


7

Incident Energy (MeV)

21-Sc-43

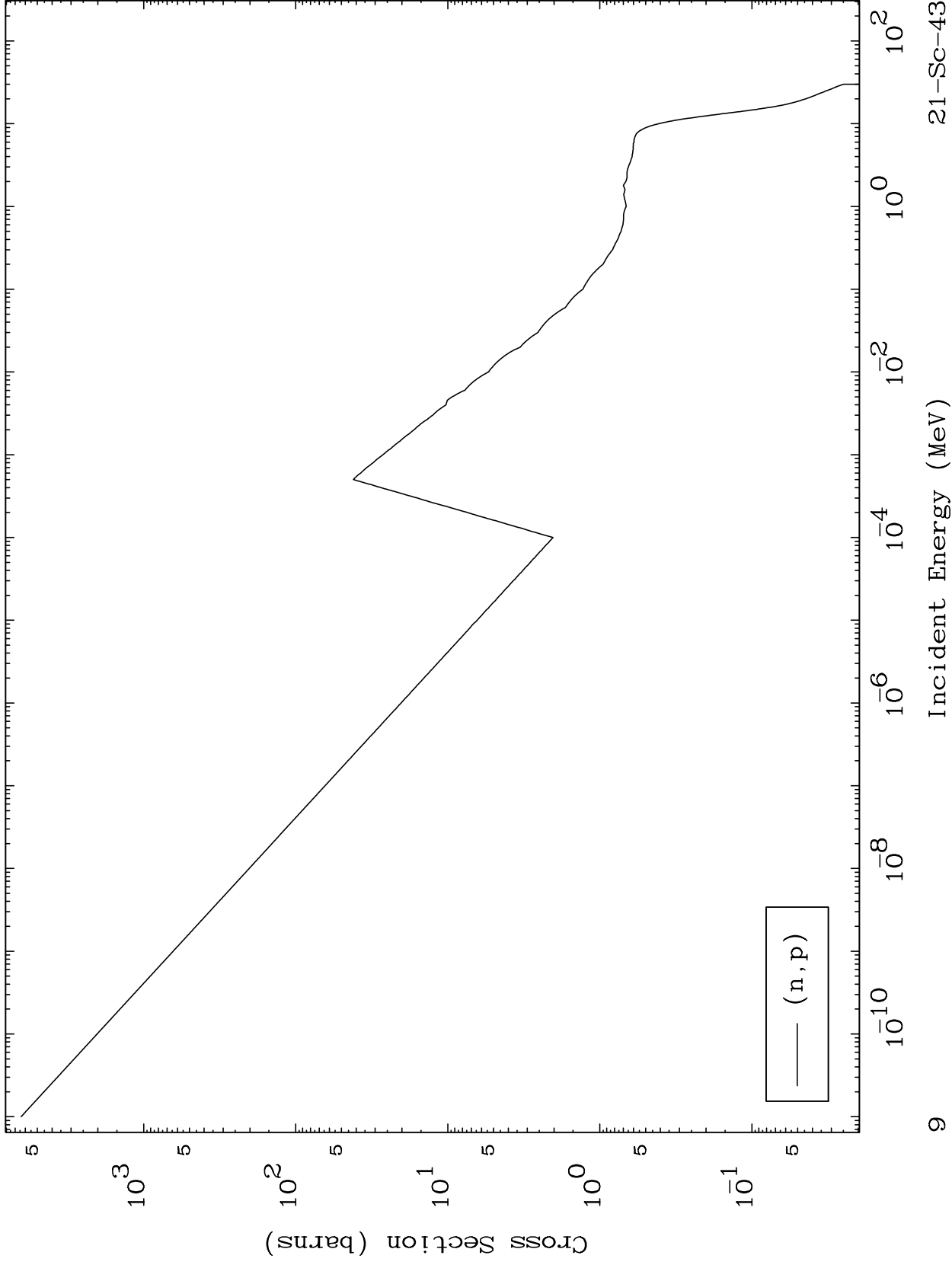
293 Kelvin Cross Sections



MAT 2119

(n,p) Levels
293 Kelvin Cross Sections

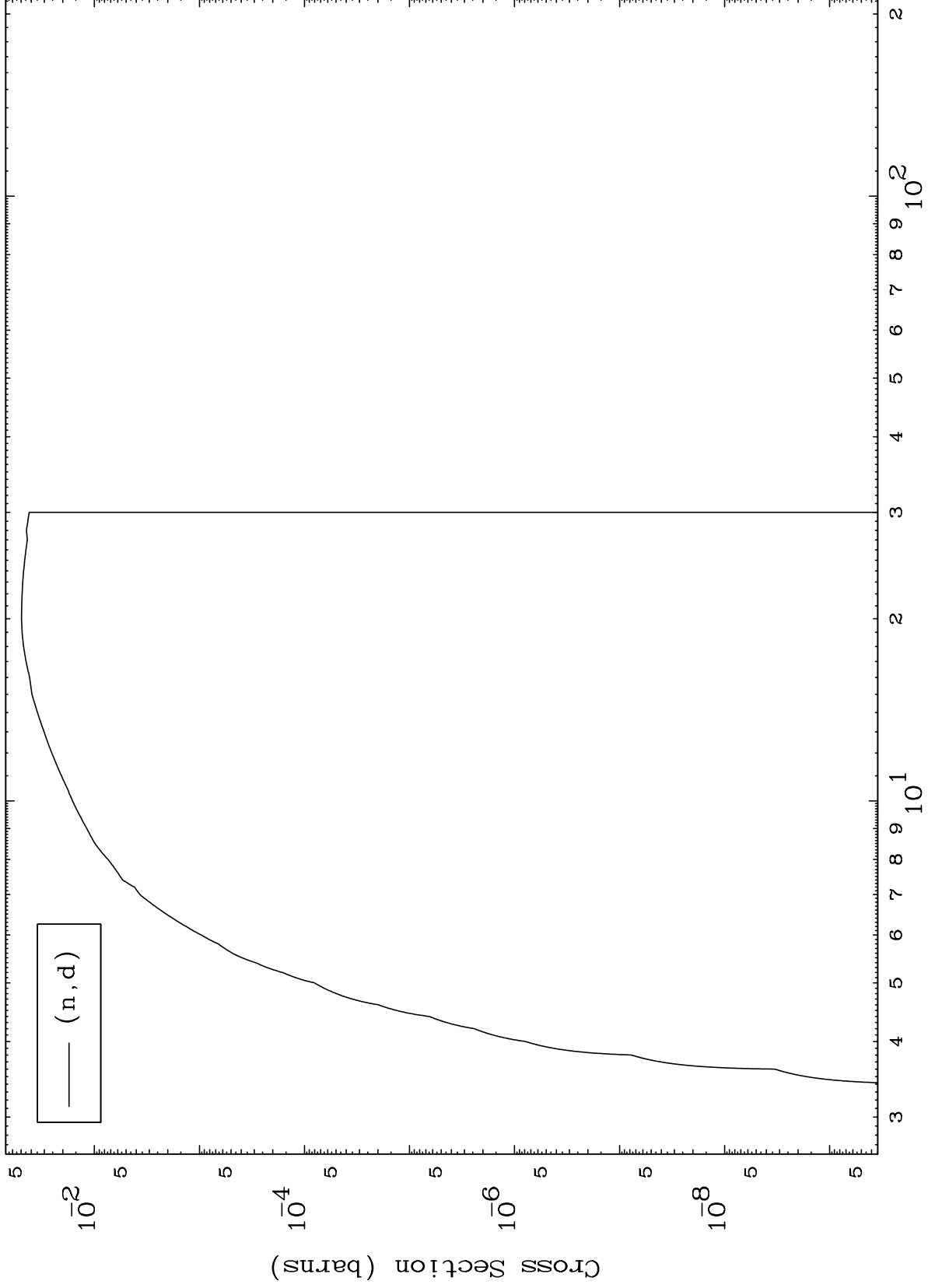
21-Sc-43



MAT 2119

(n,d) Levels
293 Kelvin Cross Sections

21-Sc-43



10

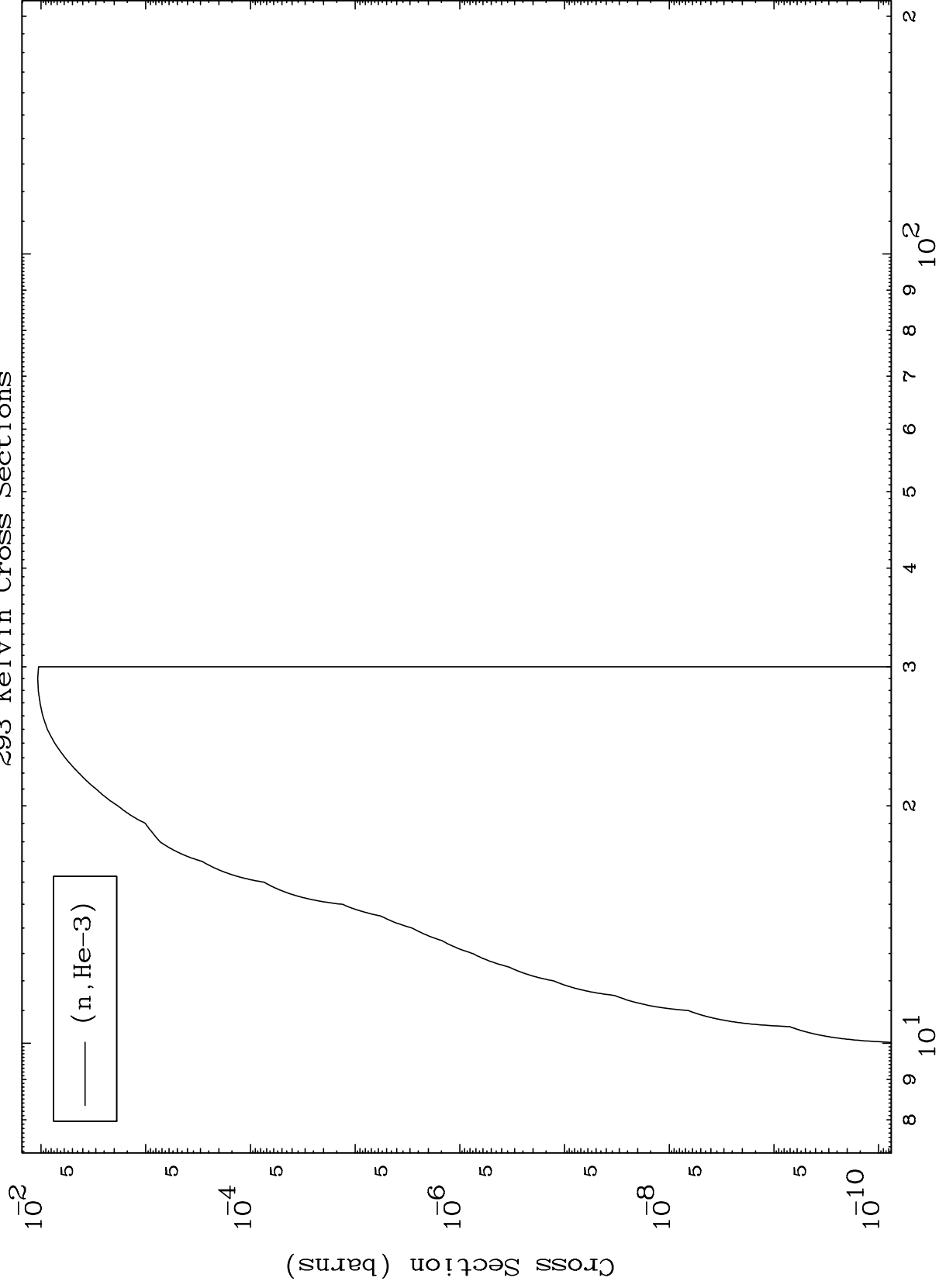
Incident Energy (MeV)

21-Sc-43

MAT 2119

(n,He3) Levels
293 Kelvin Cross Sections

21-Sc-43



12

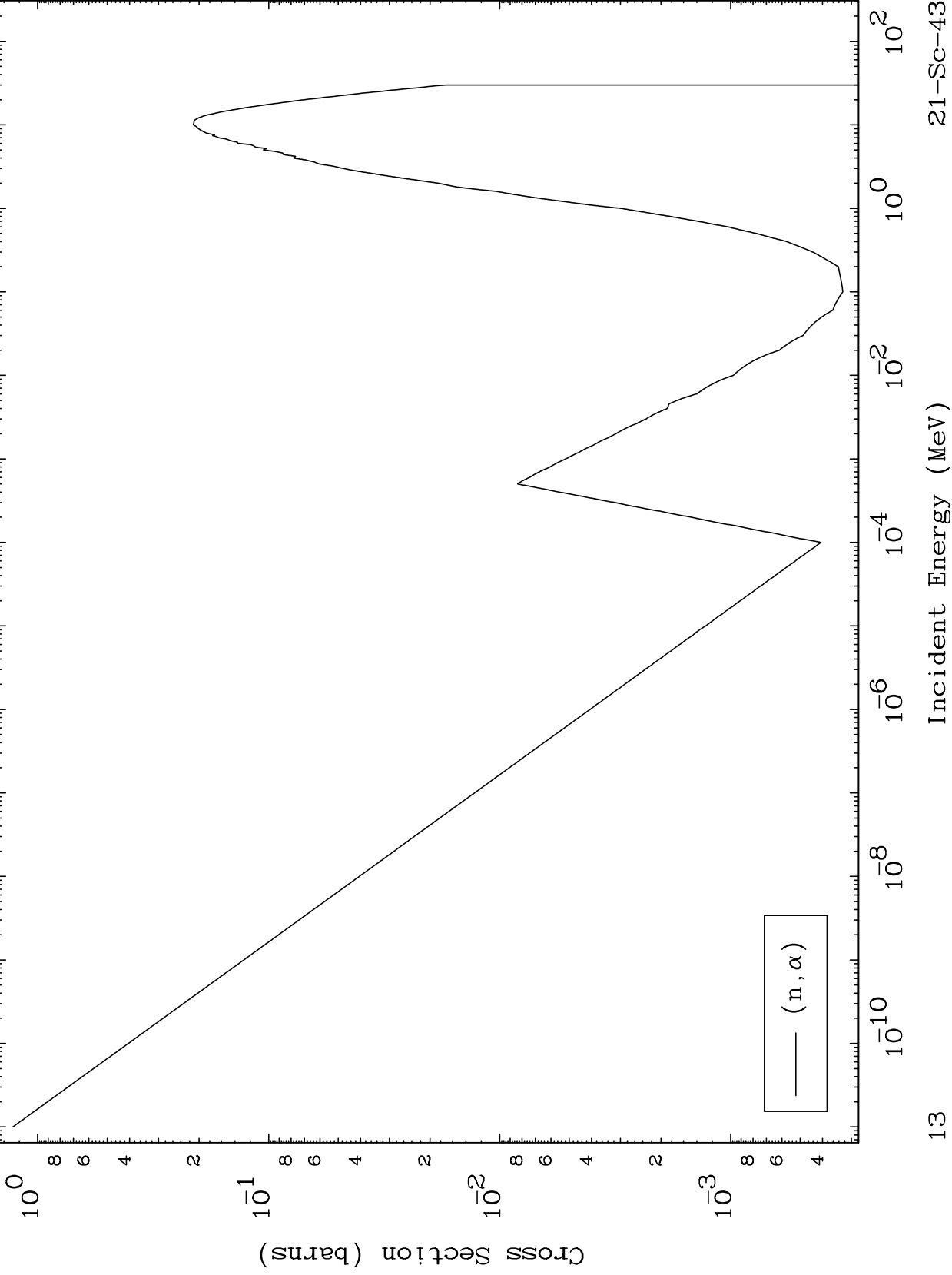
Incident Energy (MeV)

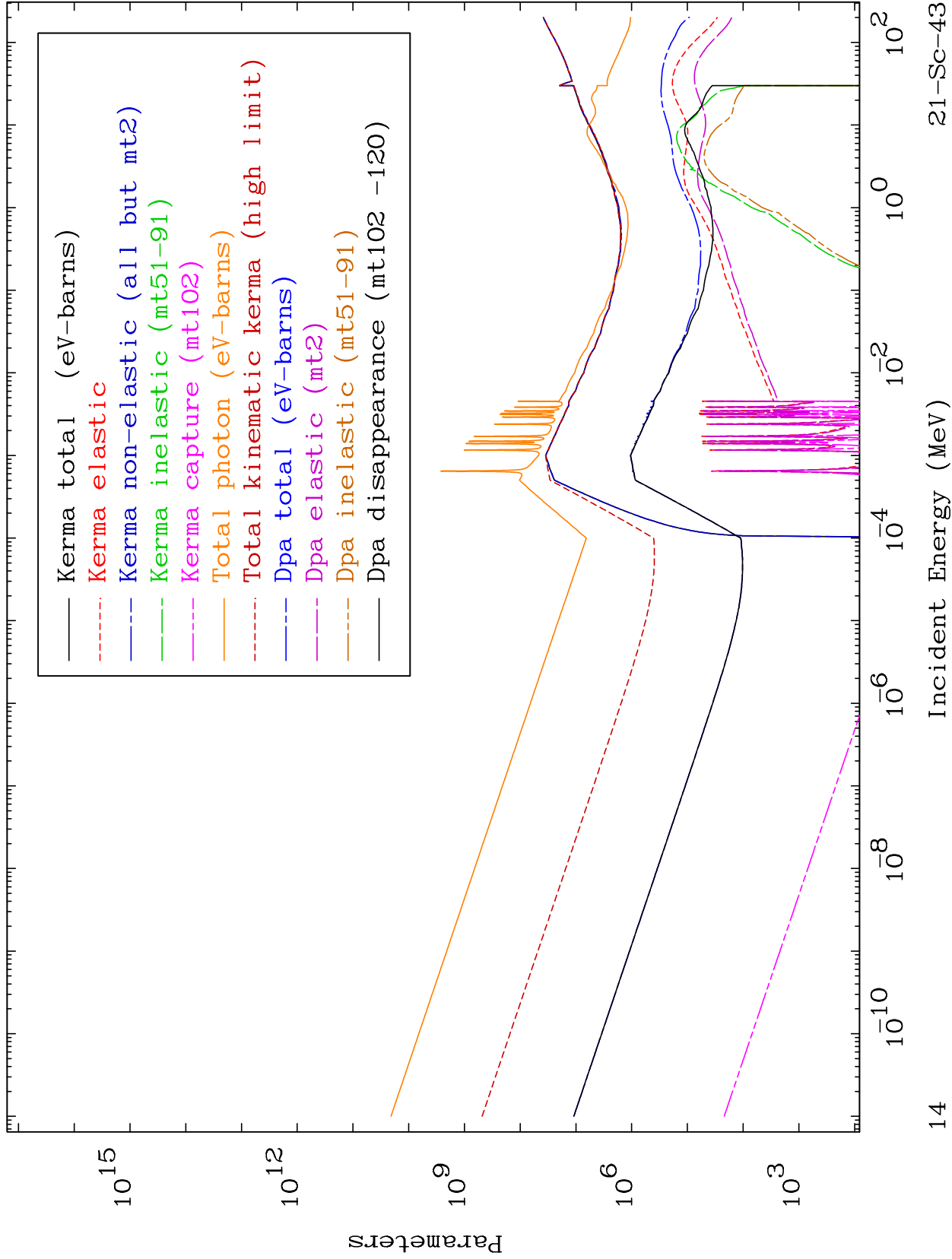
21-Sc-43

MAT 2119

(n, α) Levels
293 Kelvin Cross Sections

21-Sc-43

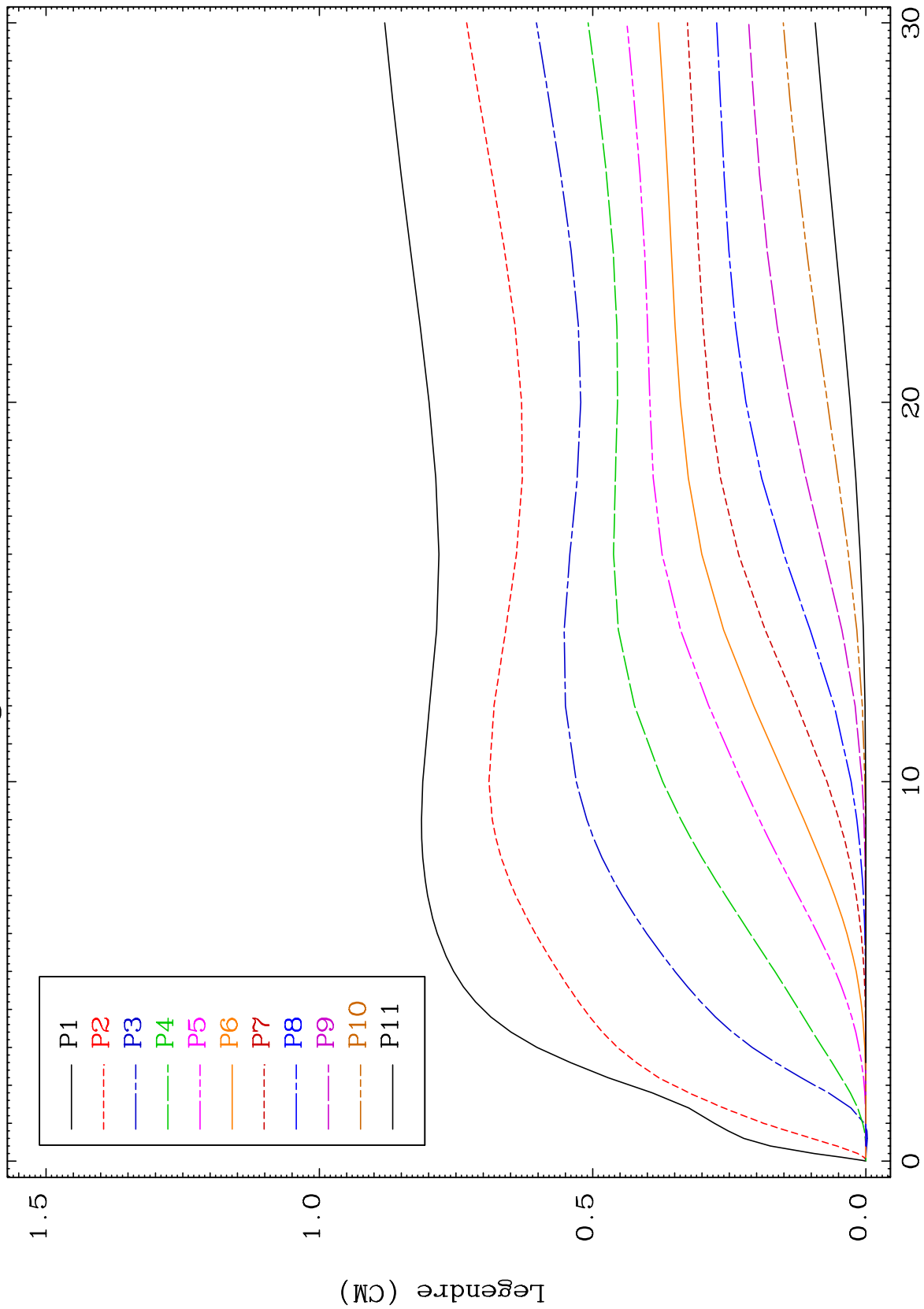




MAT 2119

Elastic Legendre Coefficients

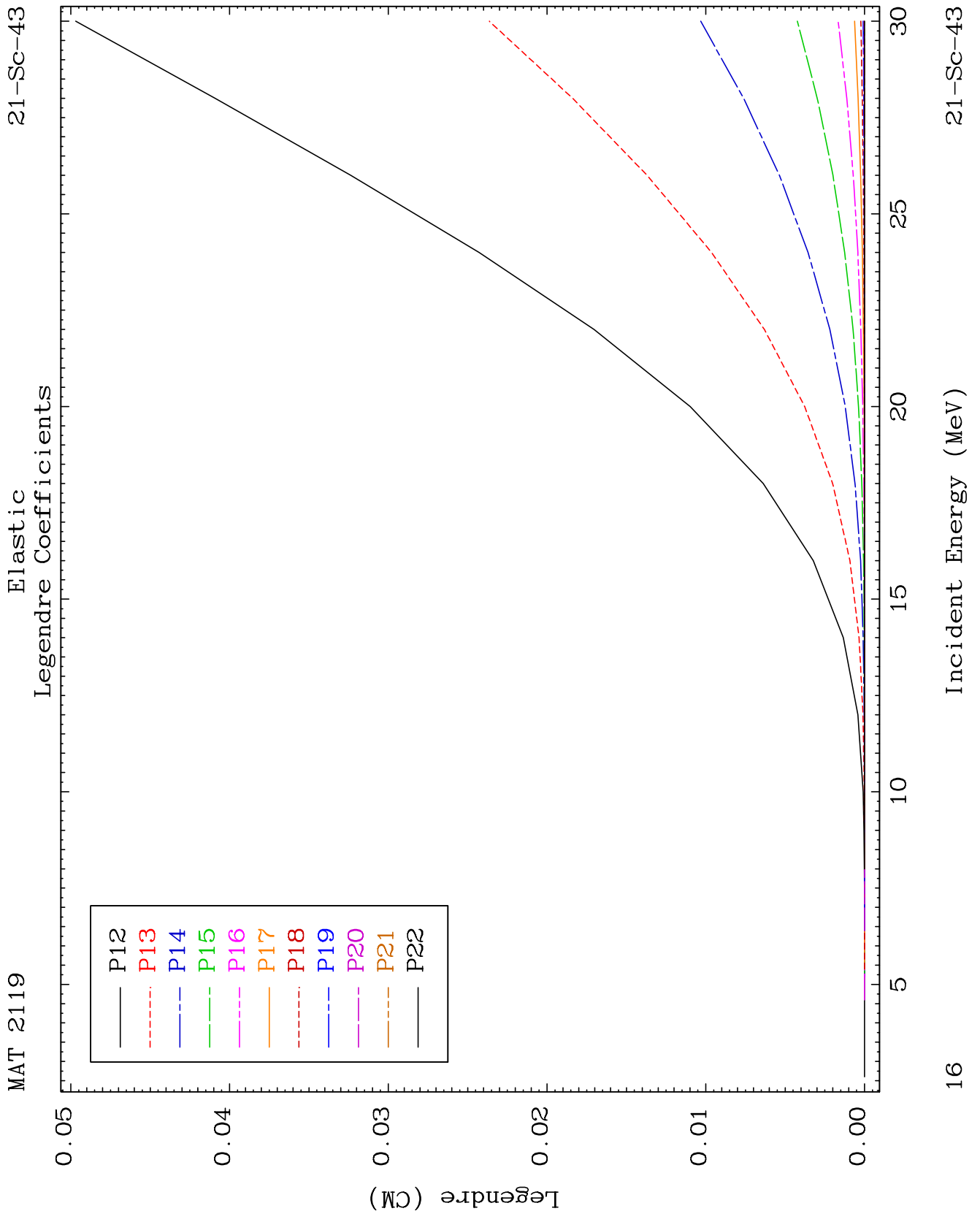
21-Sc-43



15

Incident Energy (MeV)

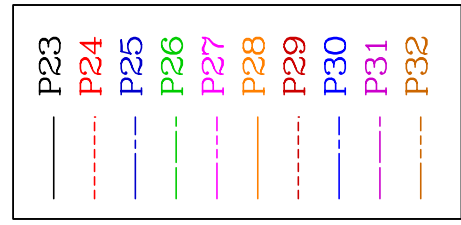
21-Sc-43



MAT 2119

Elastic Legendre Coefficients

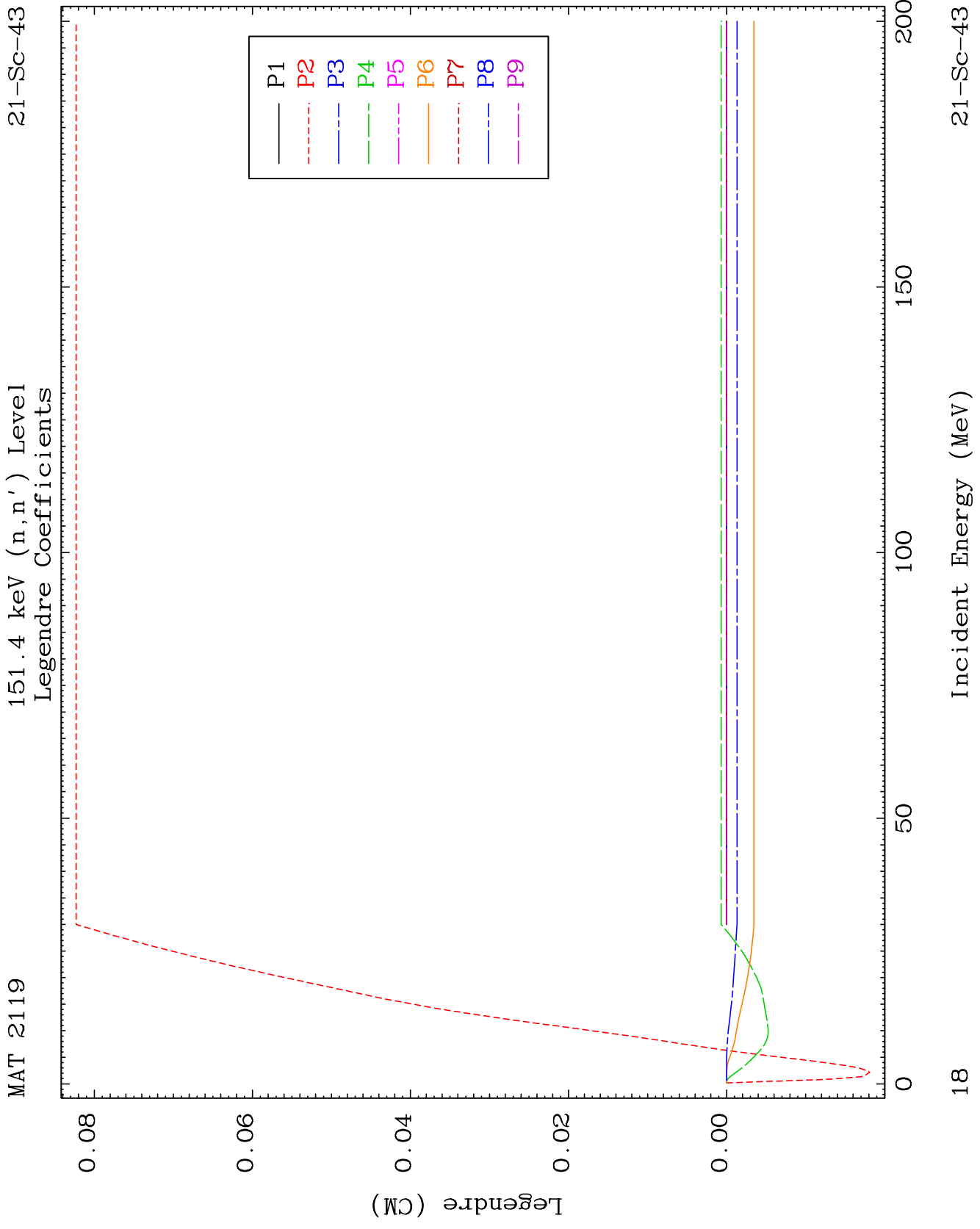
21-Sc-43

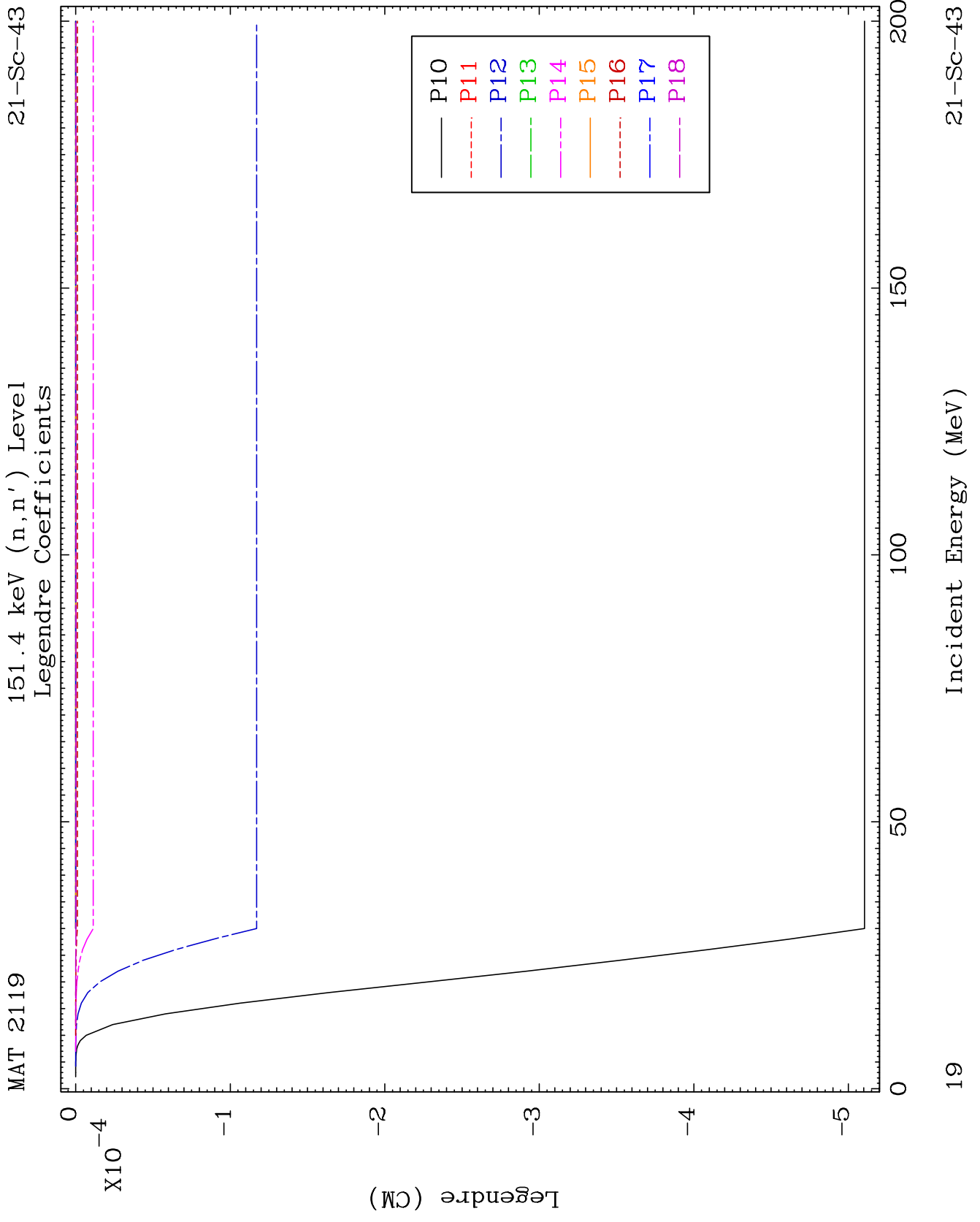


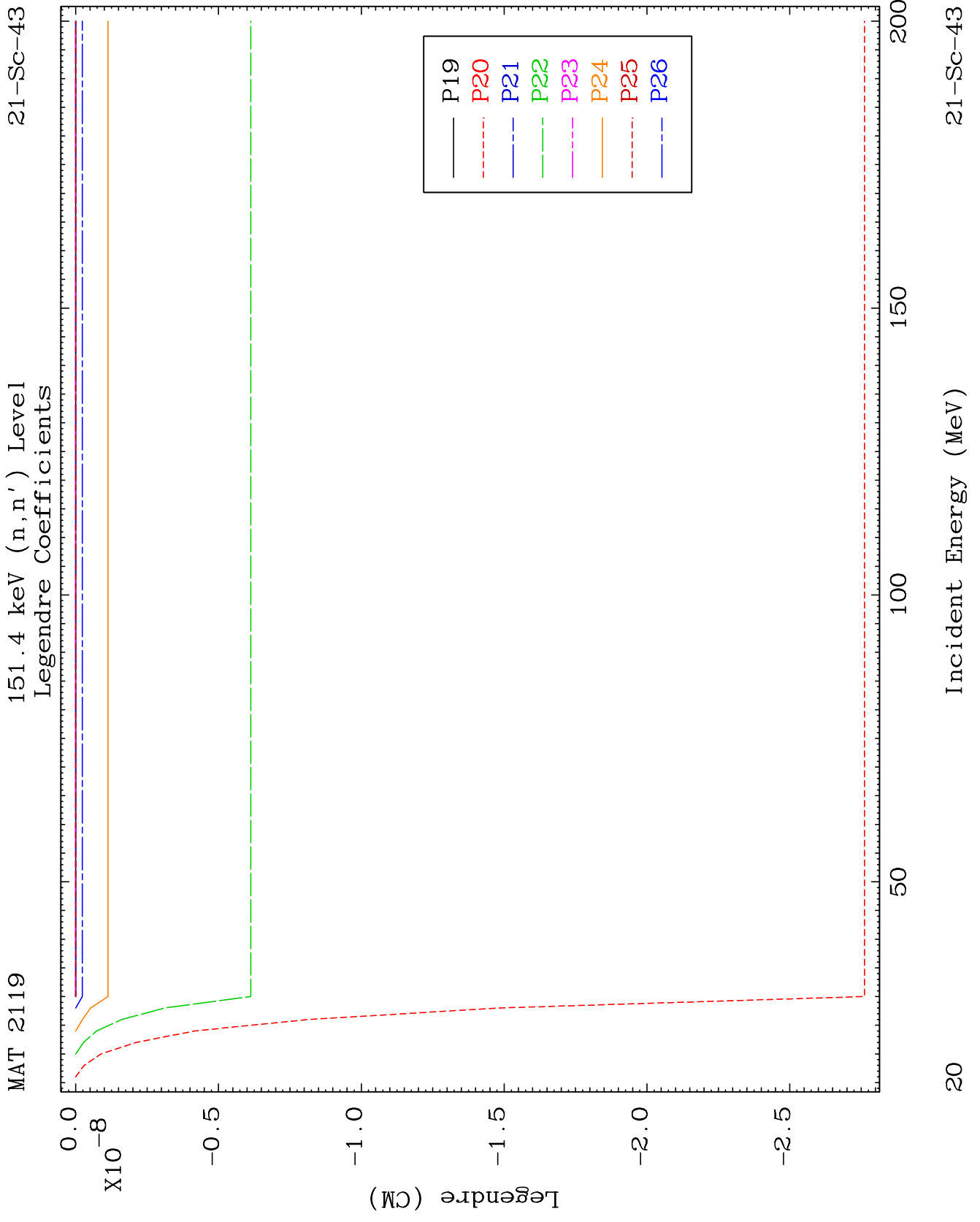
17

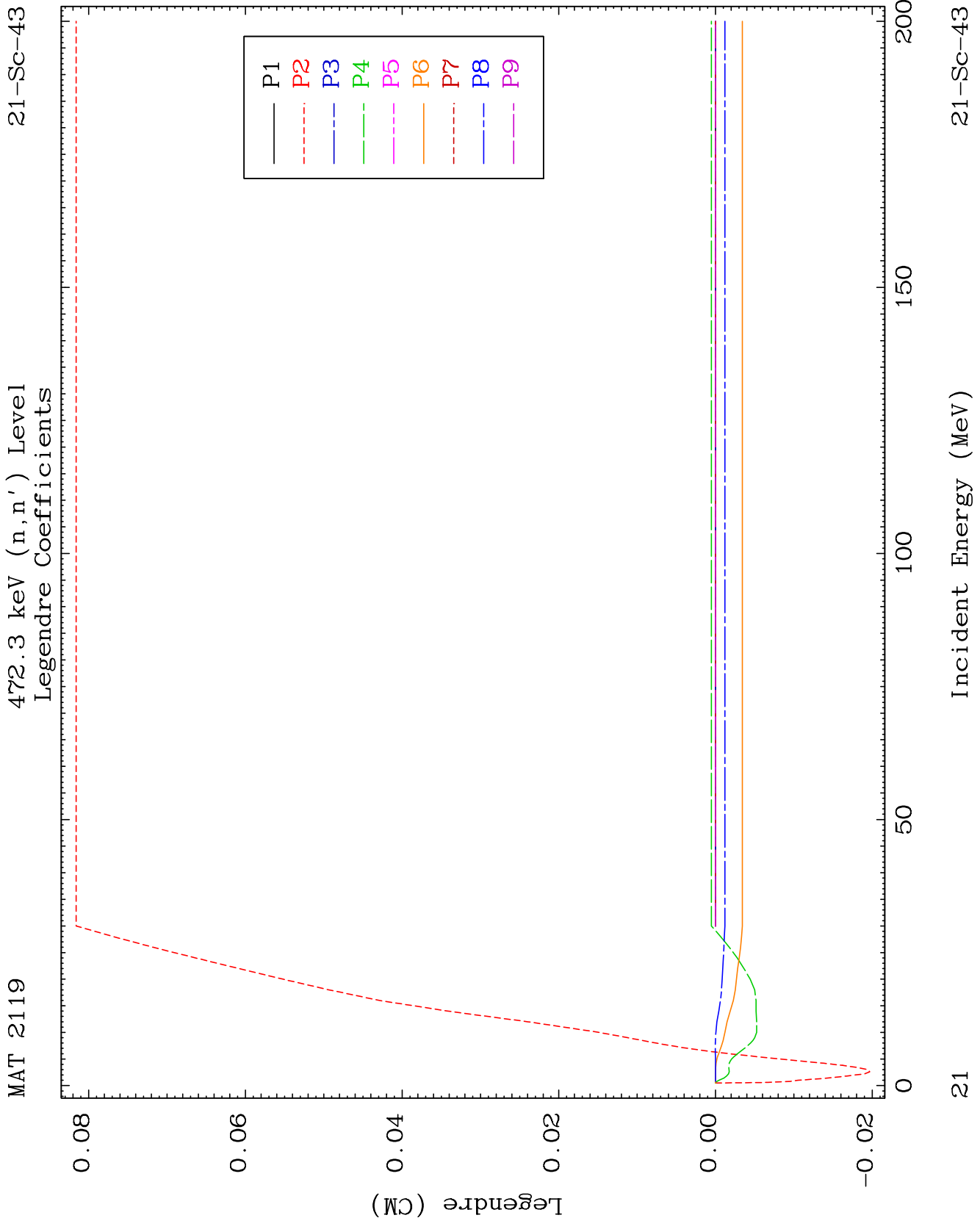
Incident Energy (MeV)

21-Sc-43





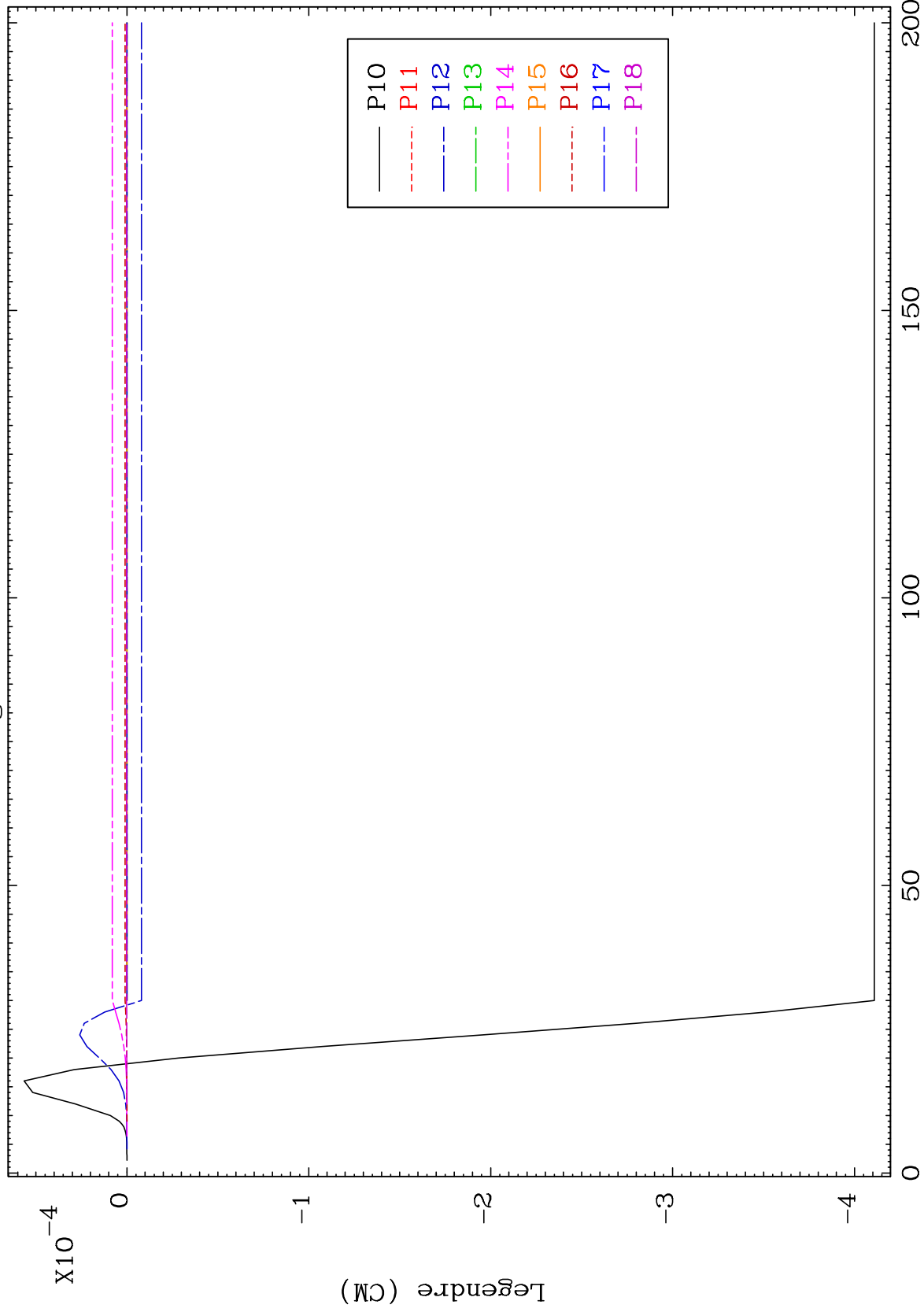




MAT 2119

472.3 keV (n,n') Level
Legendre Coefficients

21-Sc-43



22

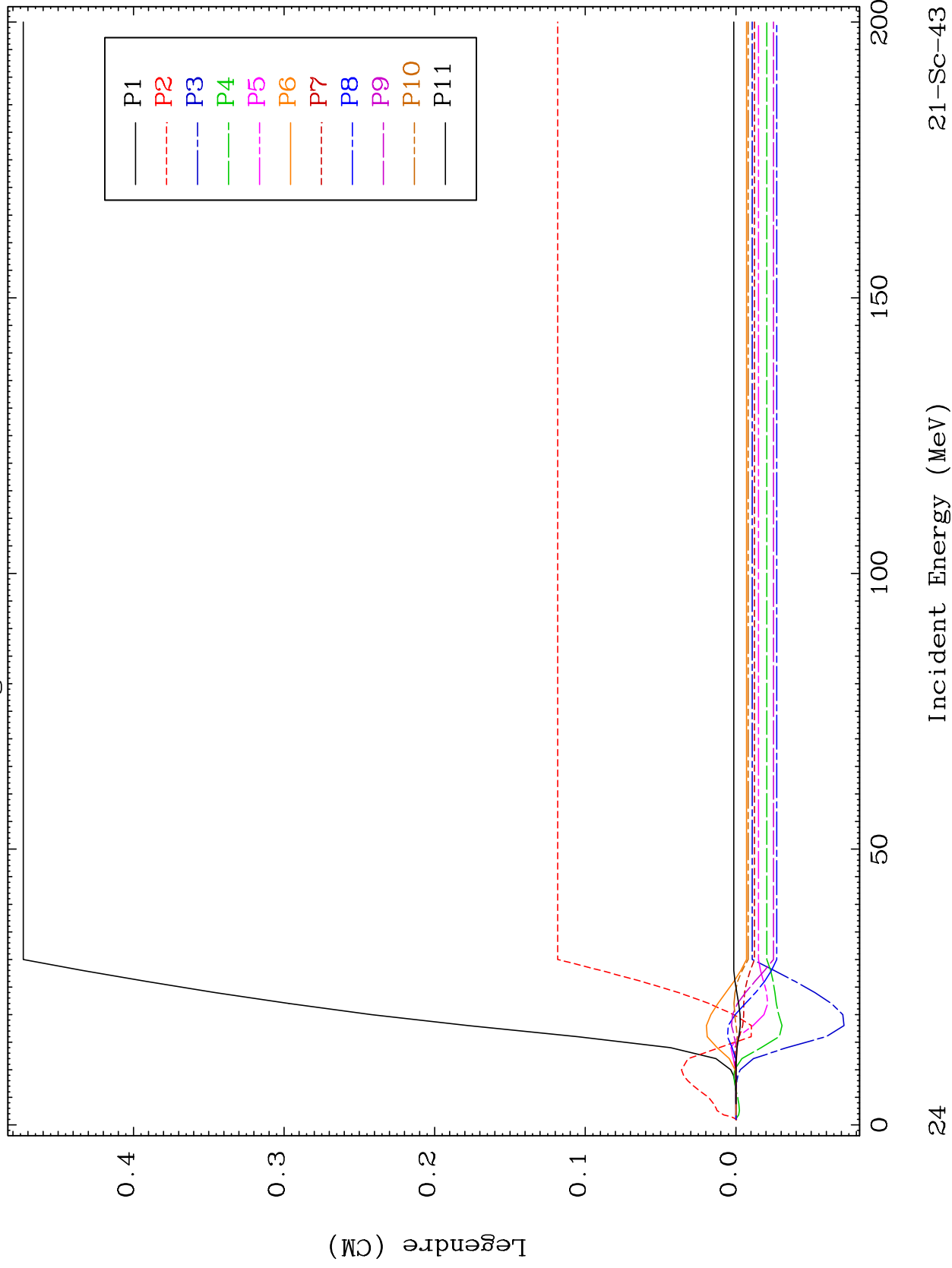
Incident Energy (MeV)

21-Sc-43

MAT 2119

845.2 keV (n,n') Level
Legendre Coefficients

21-Sc-43



21-Sc-43

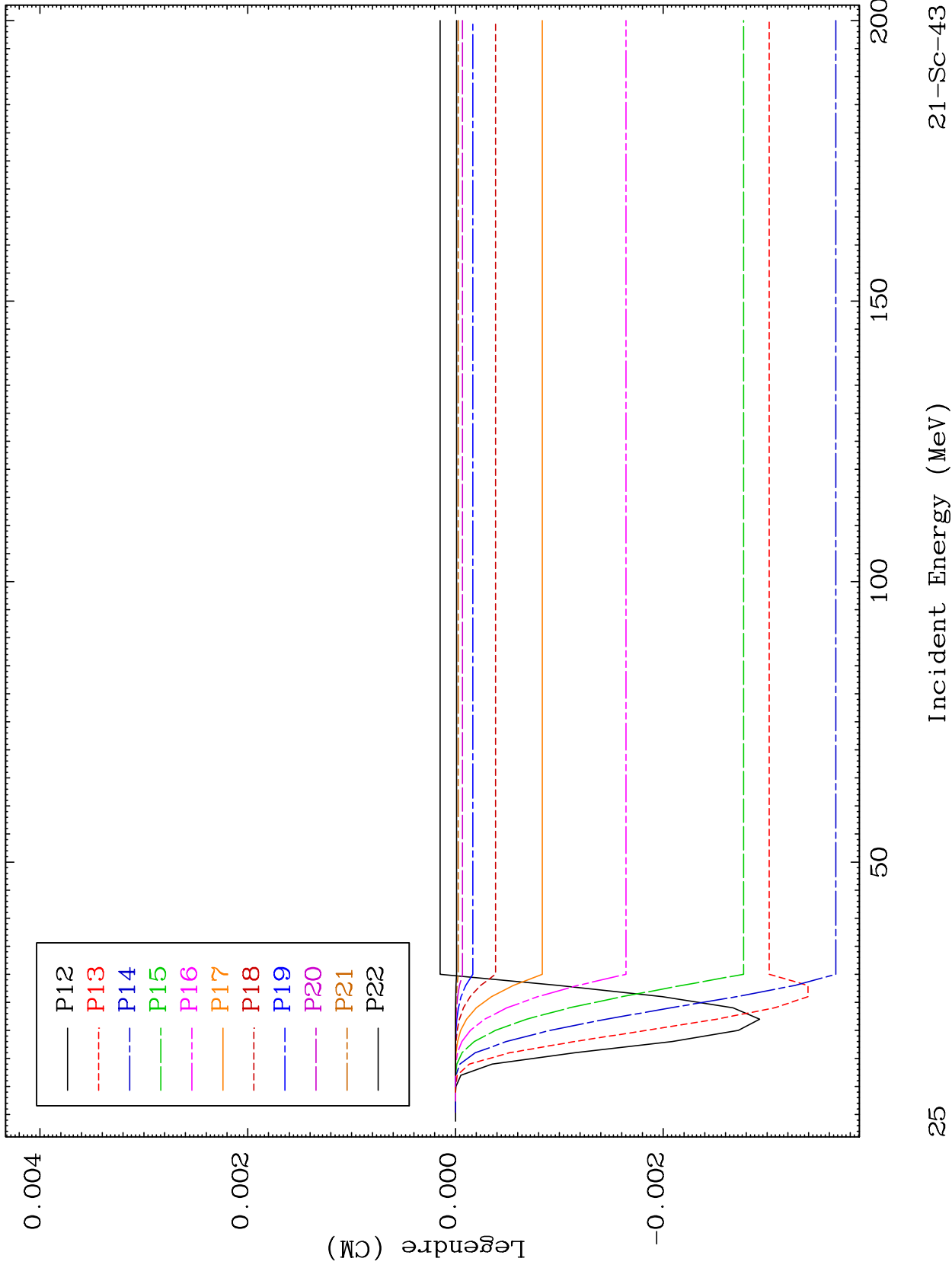
Incident Energy (MeV)

24

MAT 2119

845.2 keV (n,n') Level
Legendre Coefficients

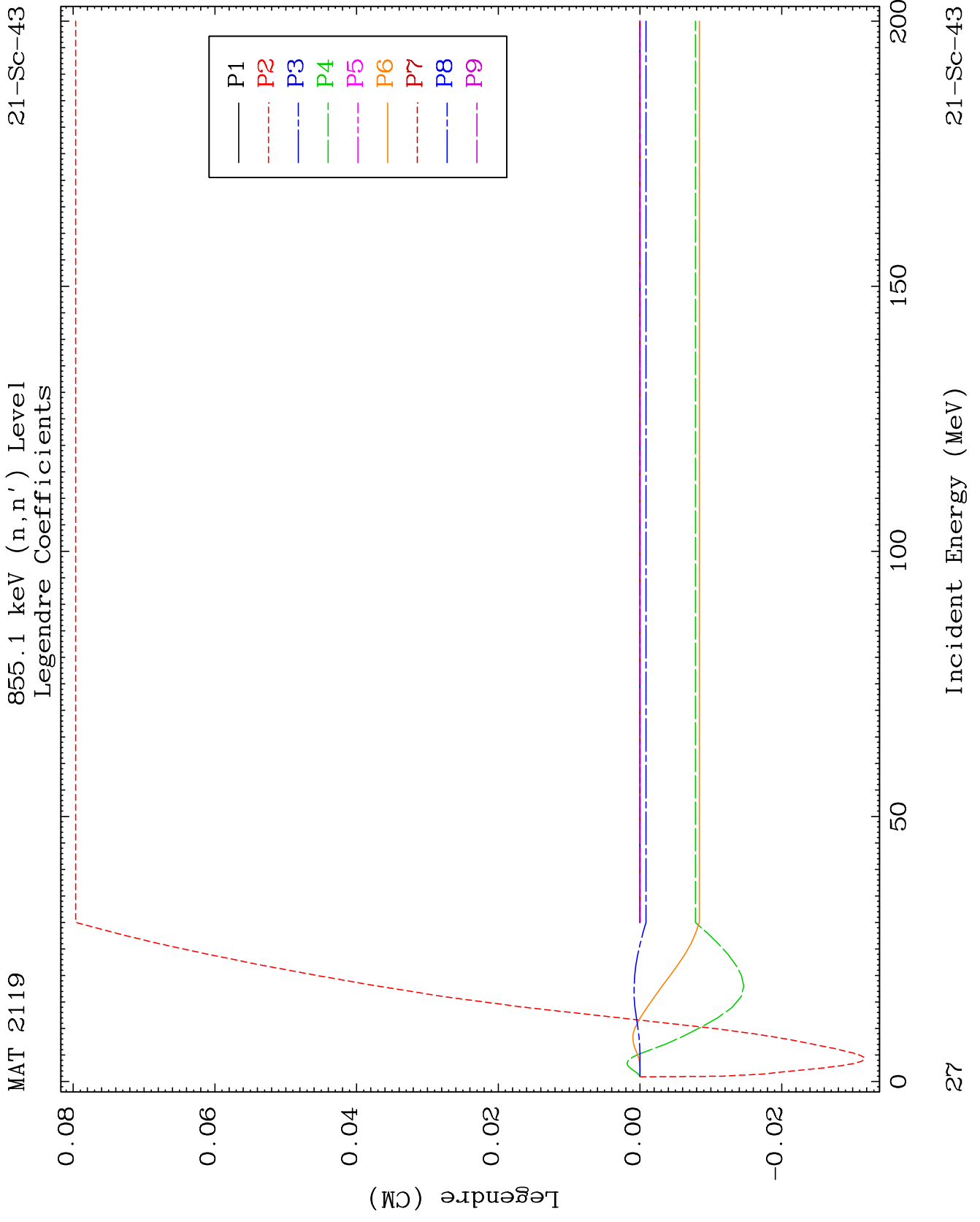
21-Sc-43



21-Sc-43

Incident Energy (MeV)

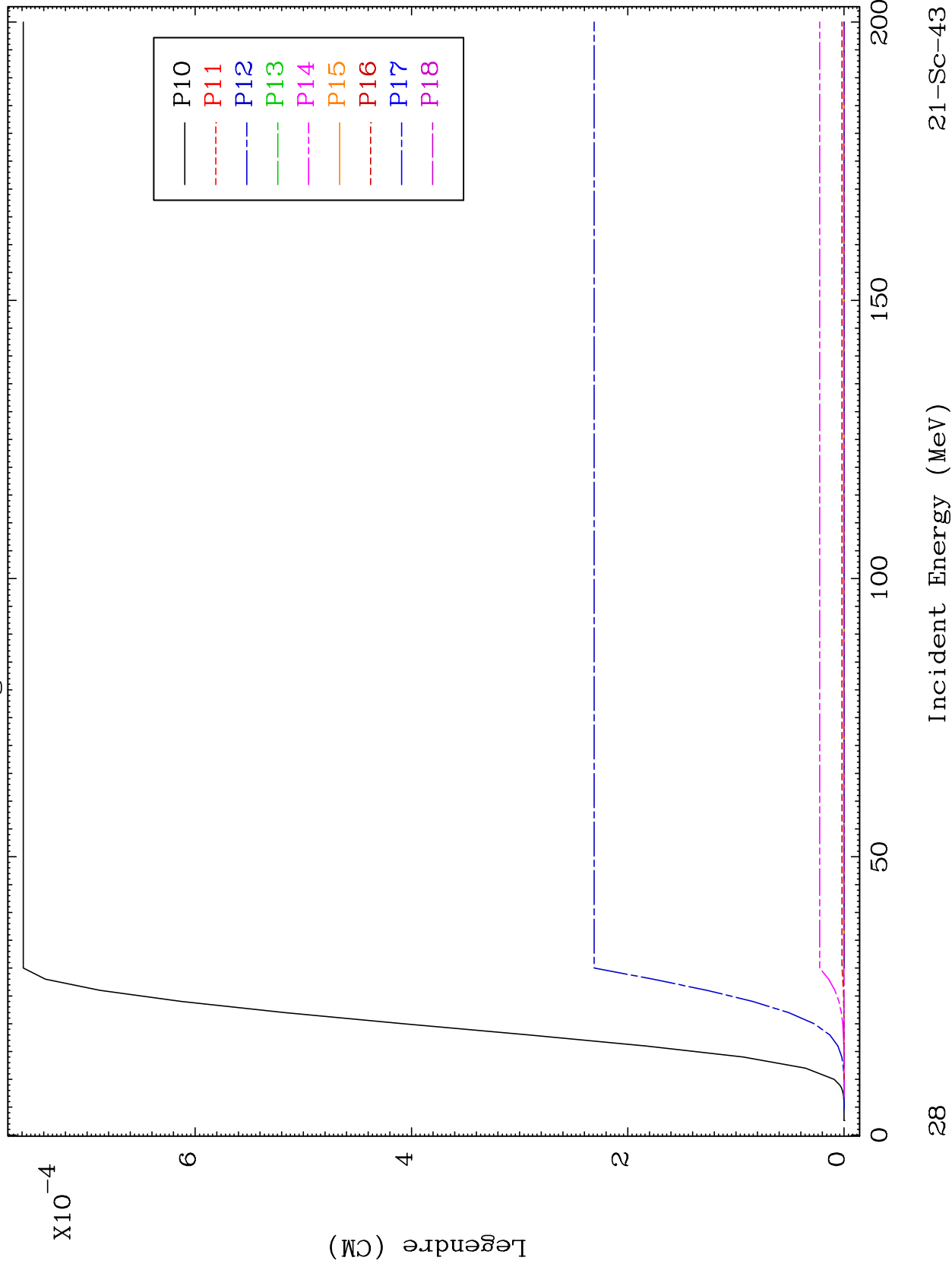
25



MAT 2119

855.1 keV (n,n') Level
Legendre Coefficients

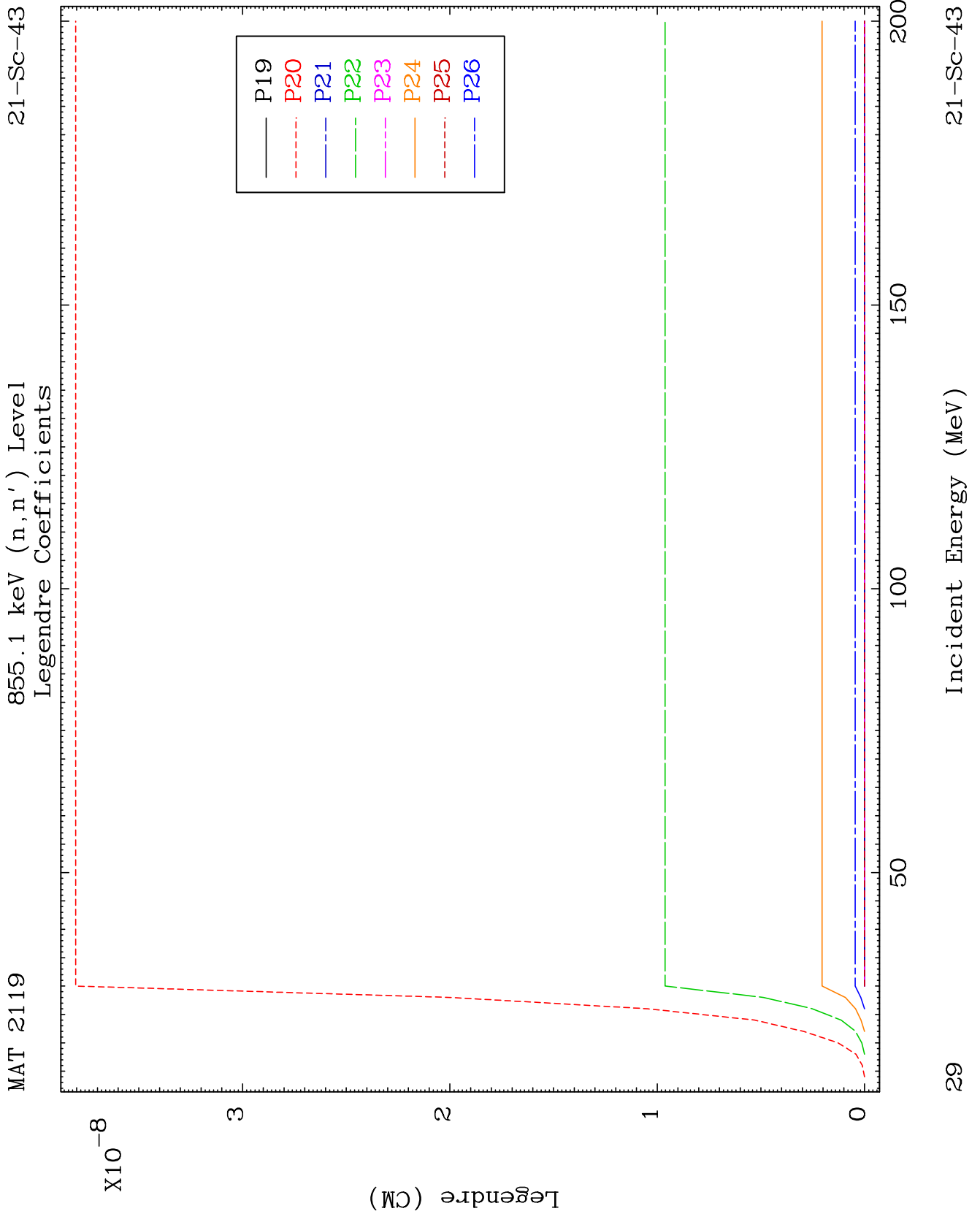
21-Sc-43

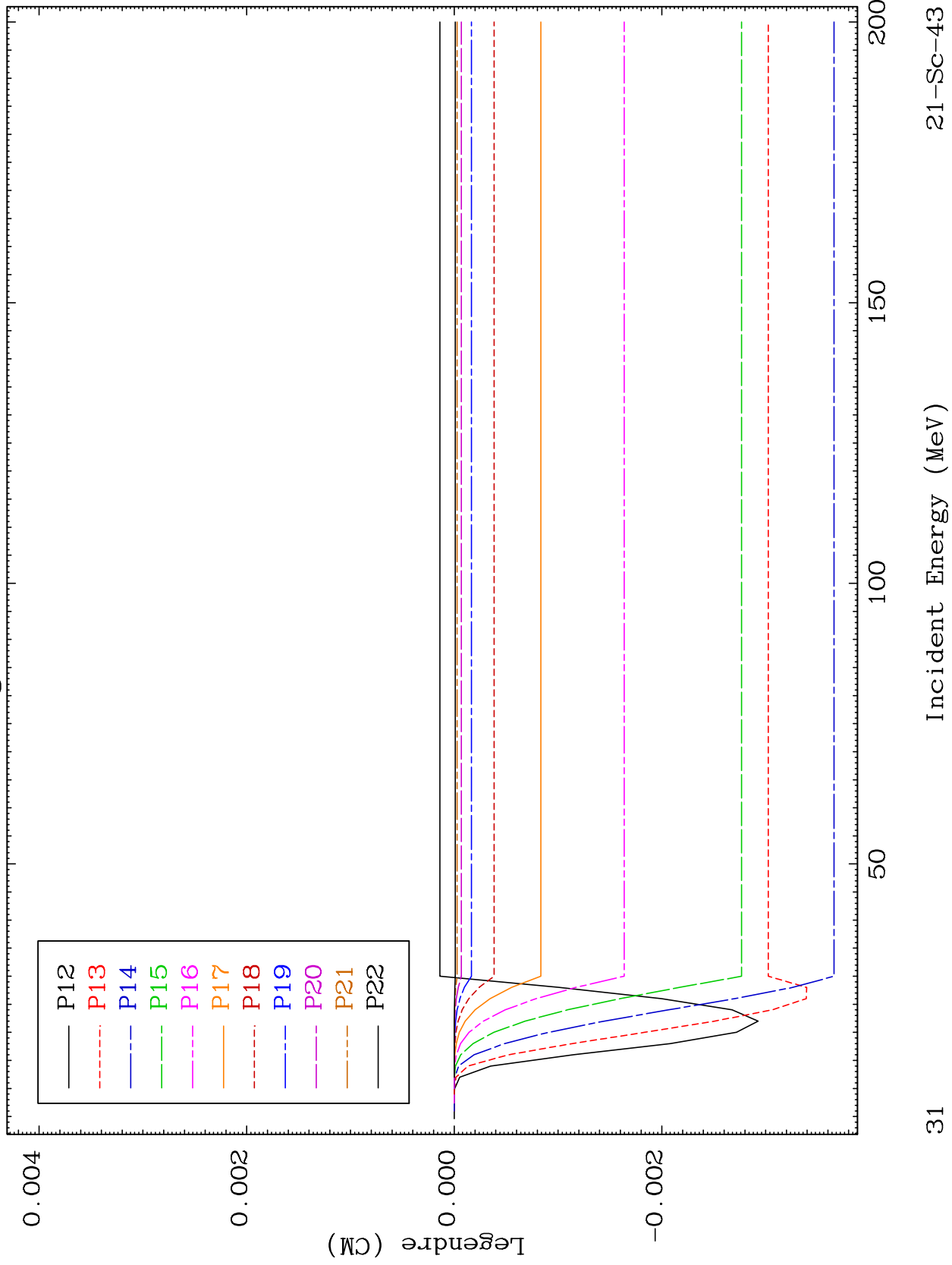


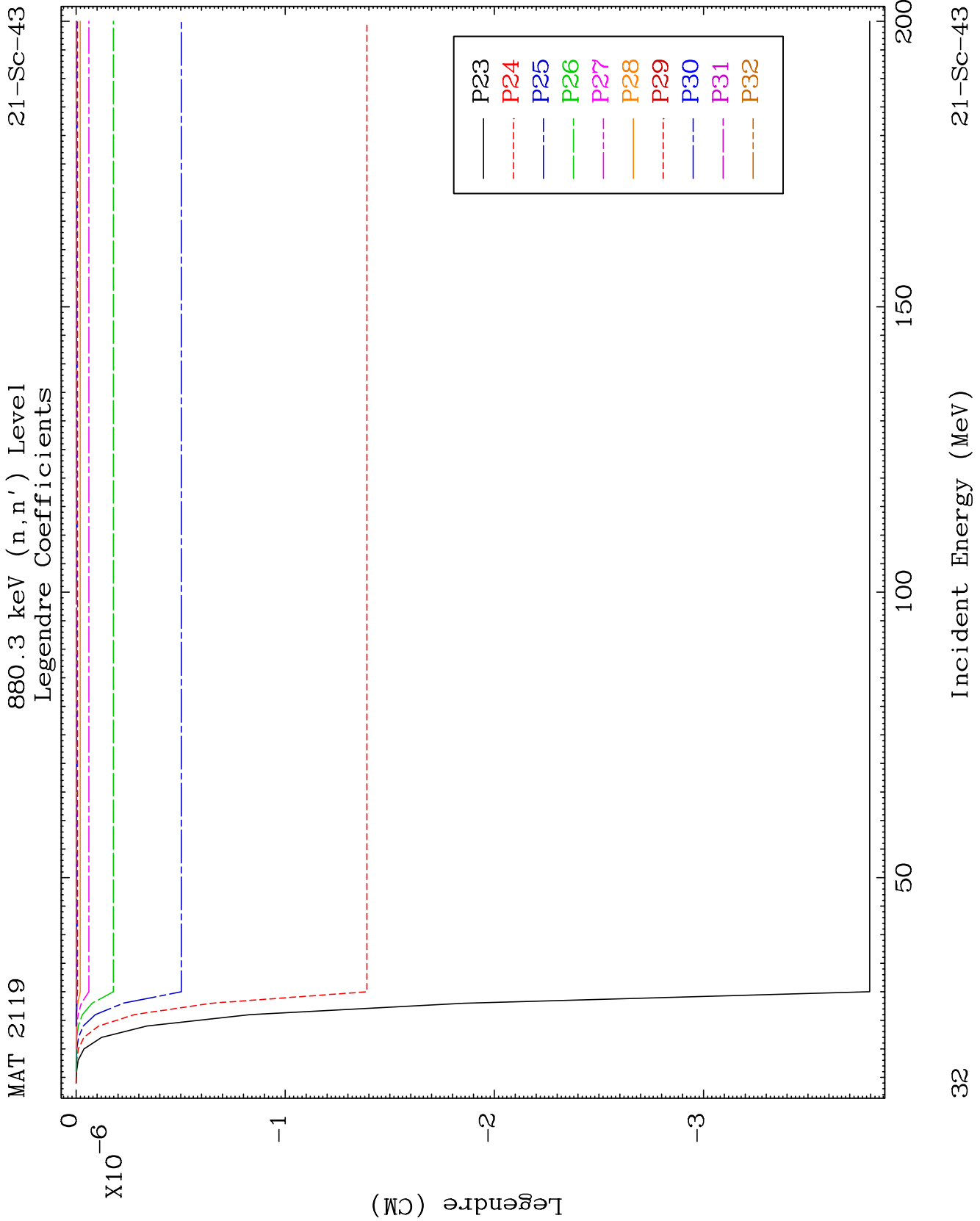
21-Sc-43

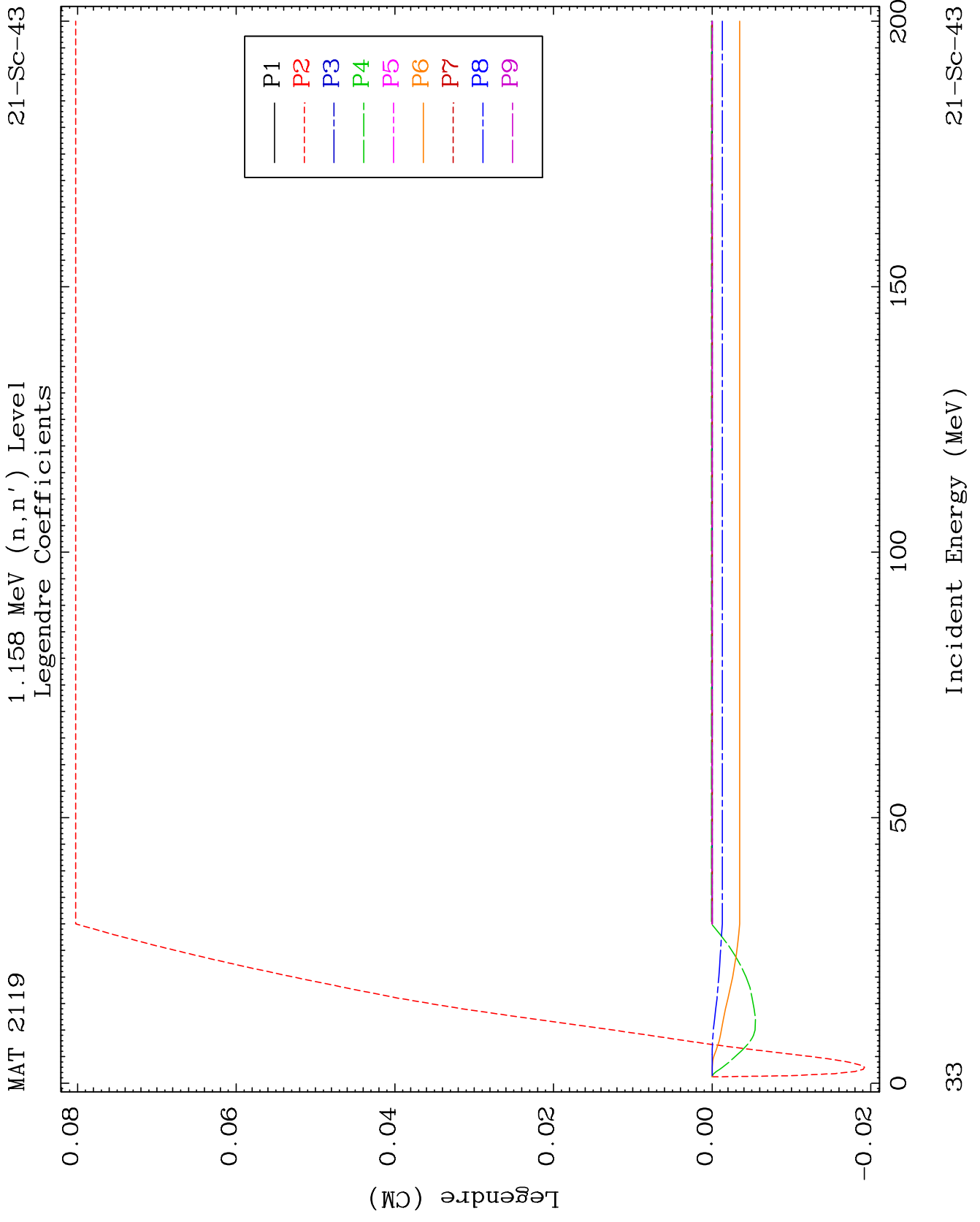
Incident Energy (MeV)

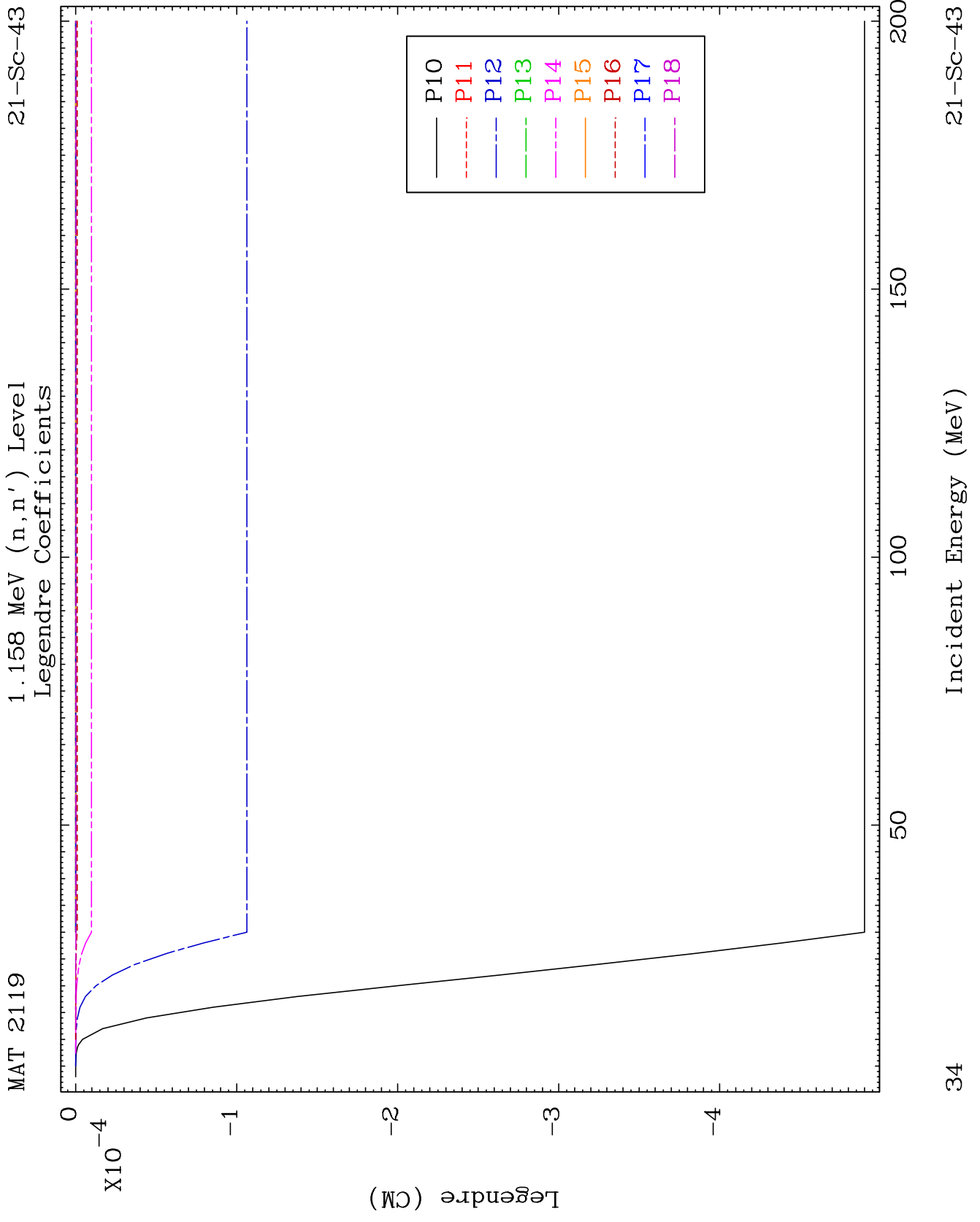
28

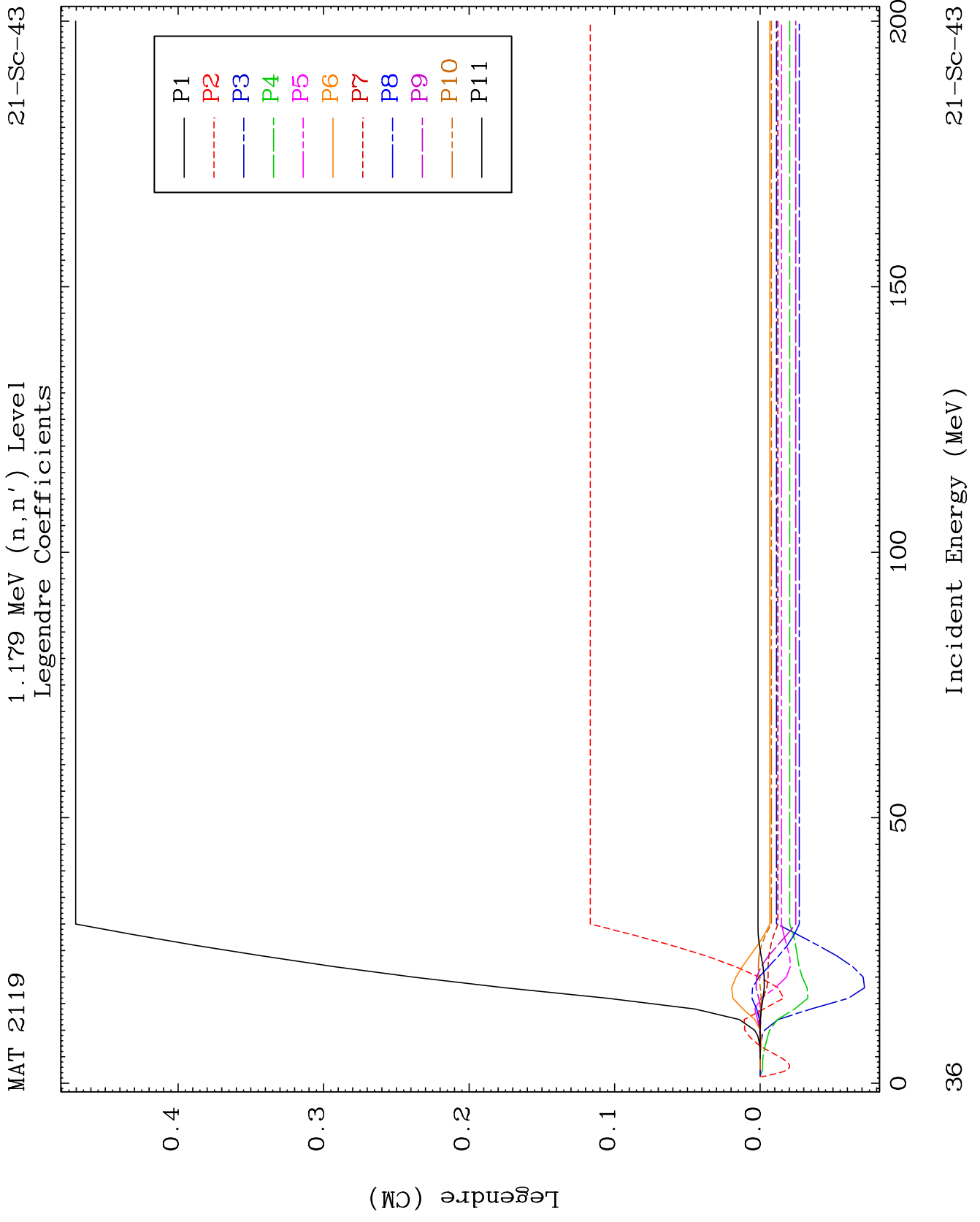


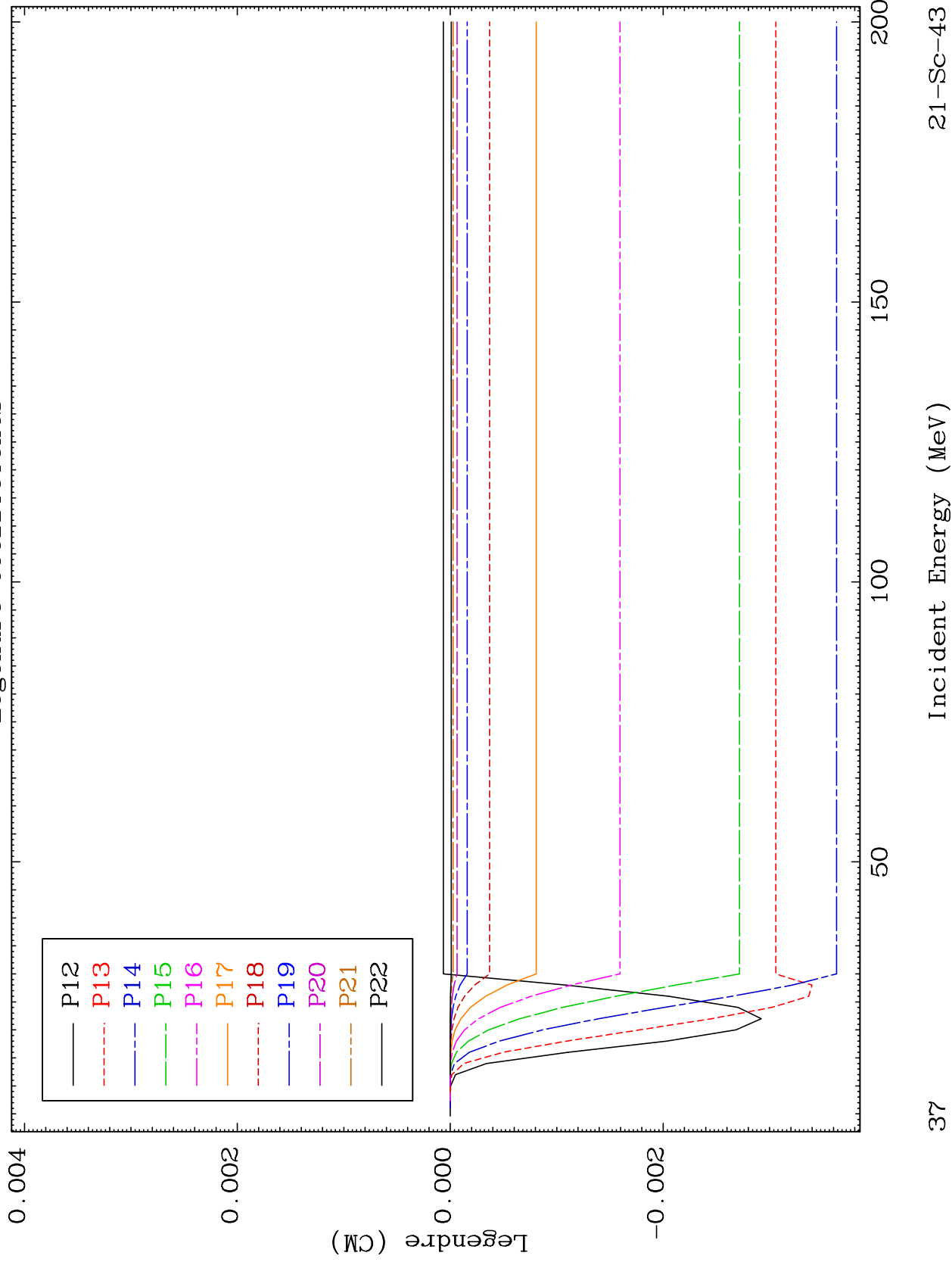


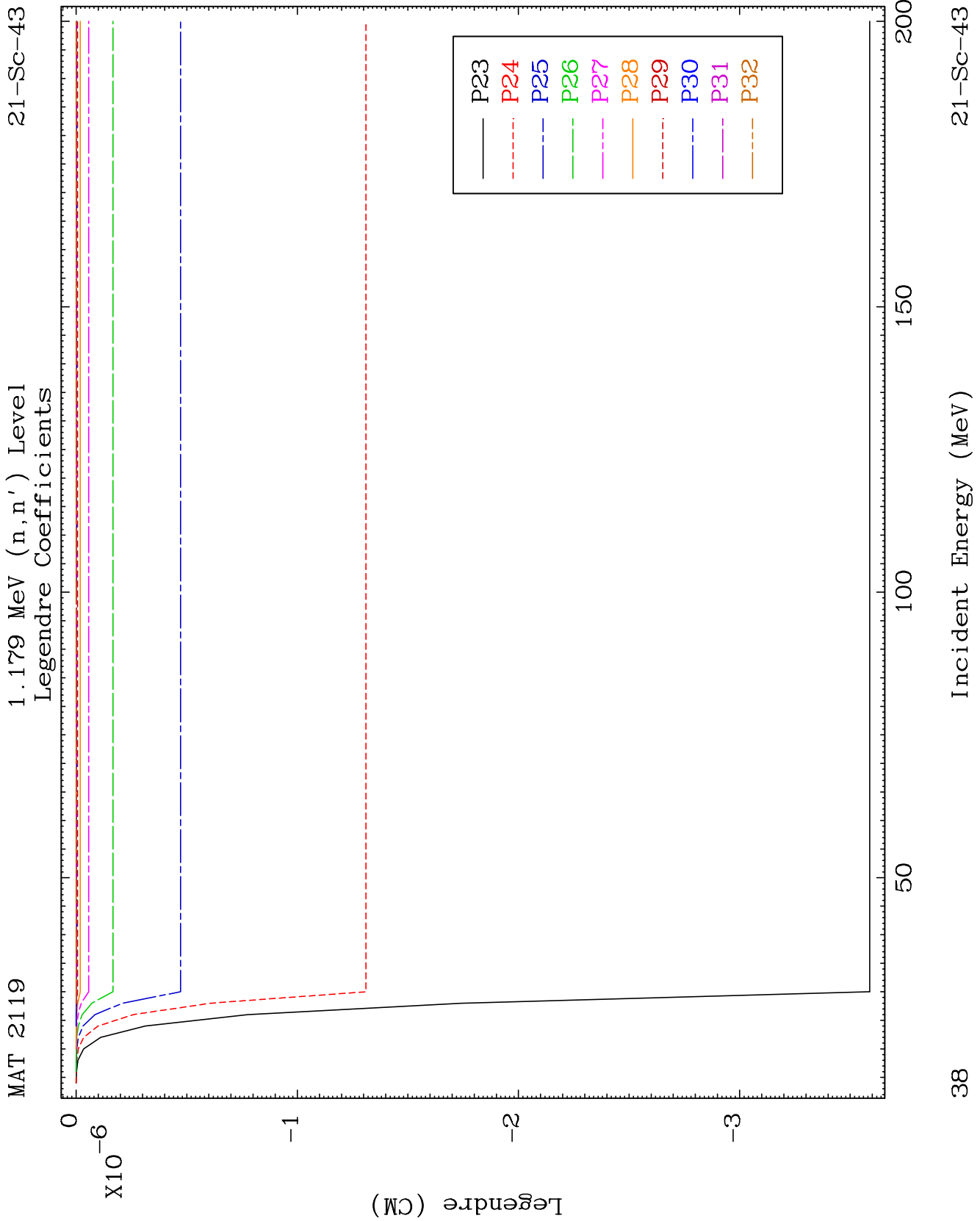


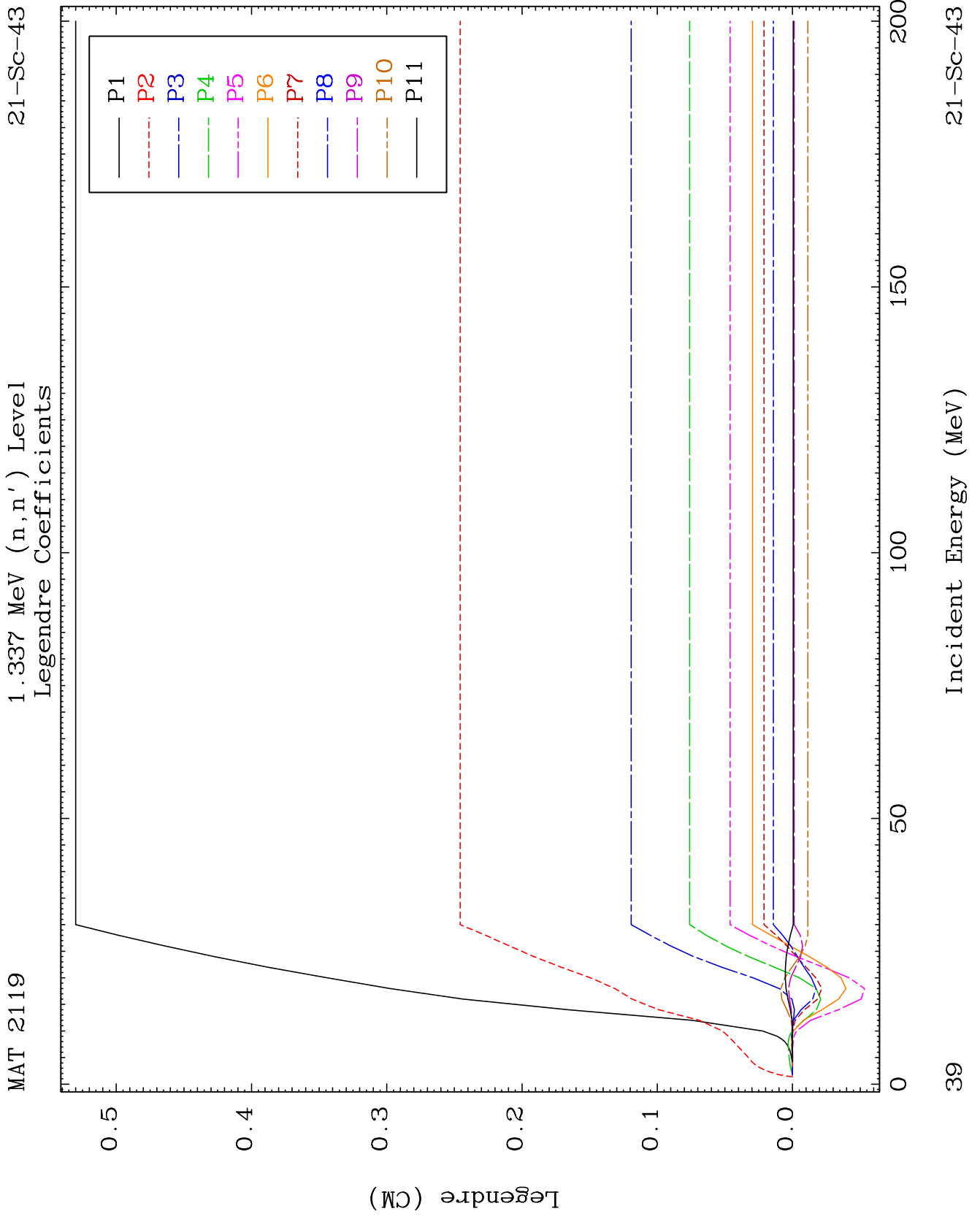








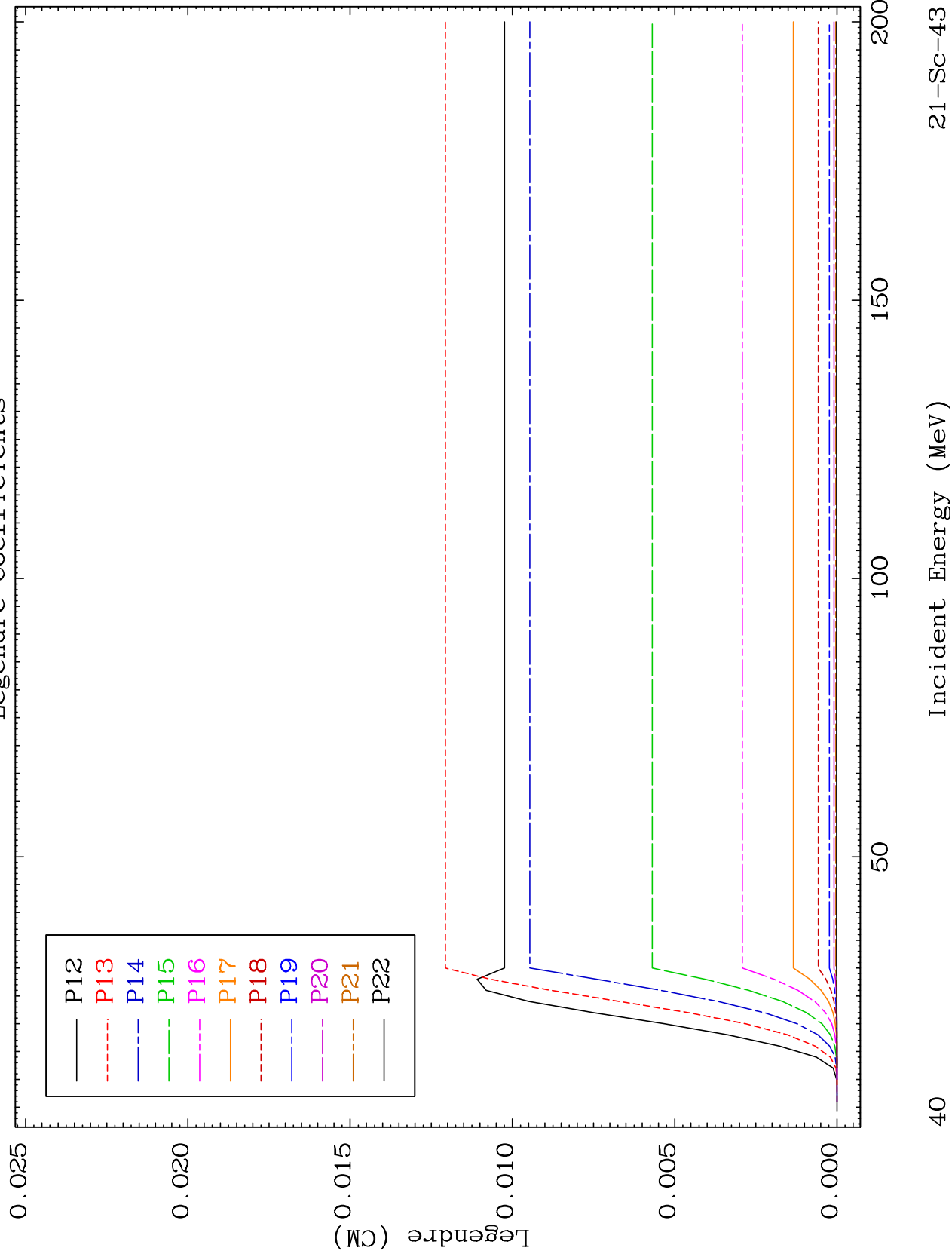




MAT 2119

1.337 MeV (n,n') Level
Legendre Coefficients

21-Sc-43



40

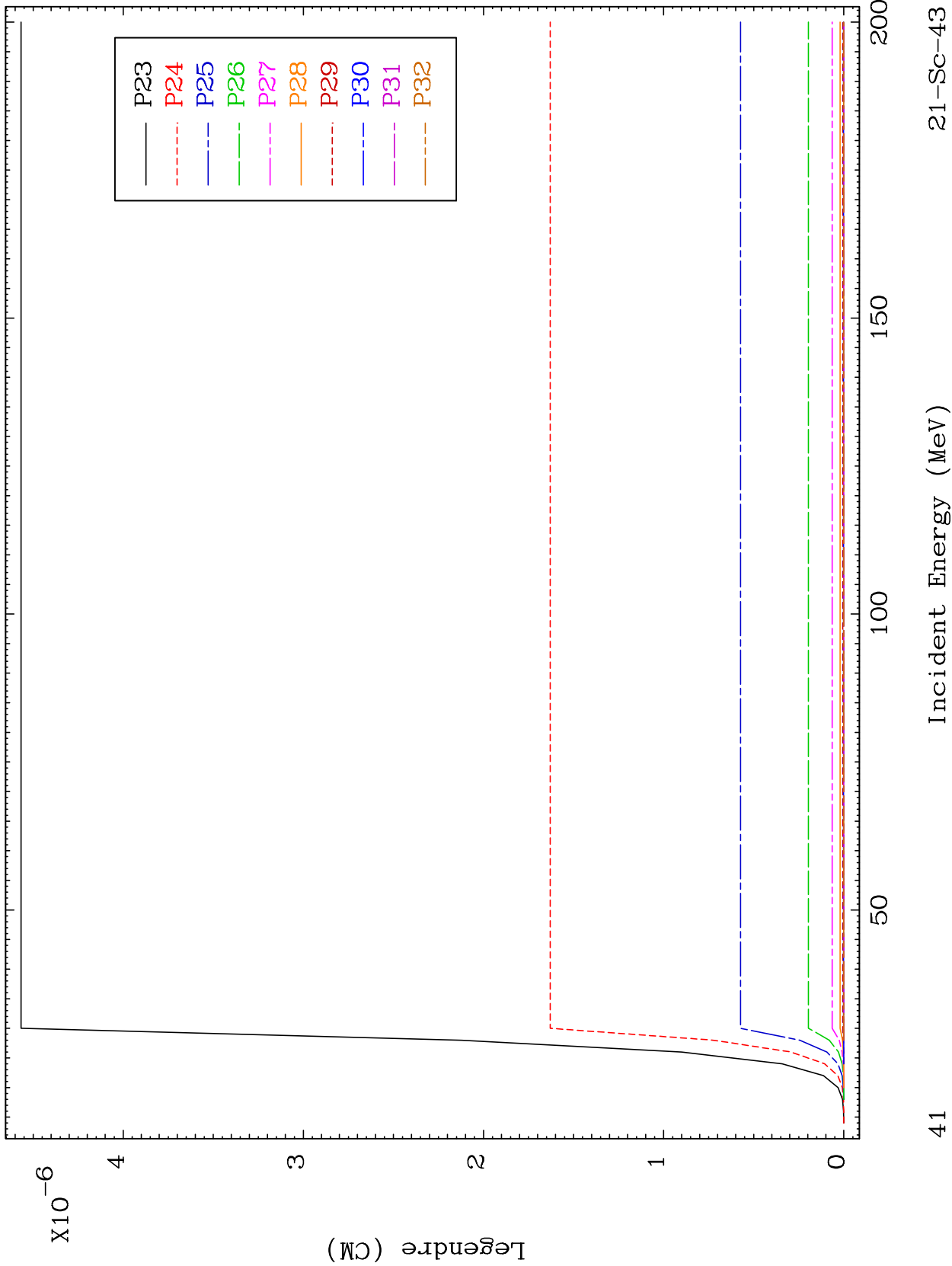
Incident Energy (MeV)

21-Sc-43

MAT 2119

1.337 MeV (n,n') Level
Legendre Coefficients

21-Sc-43



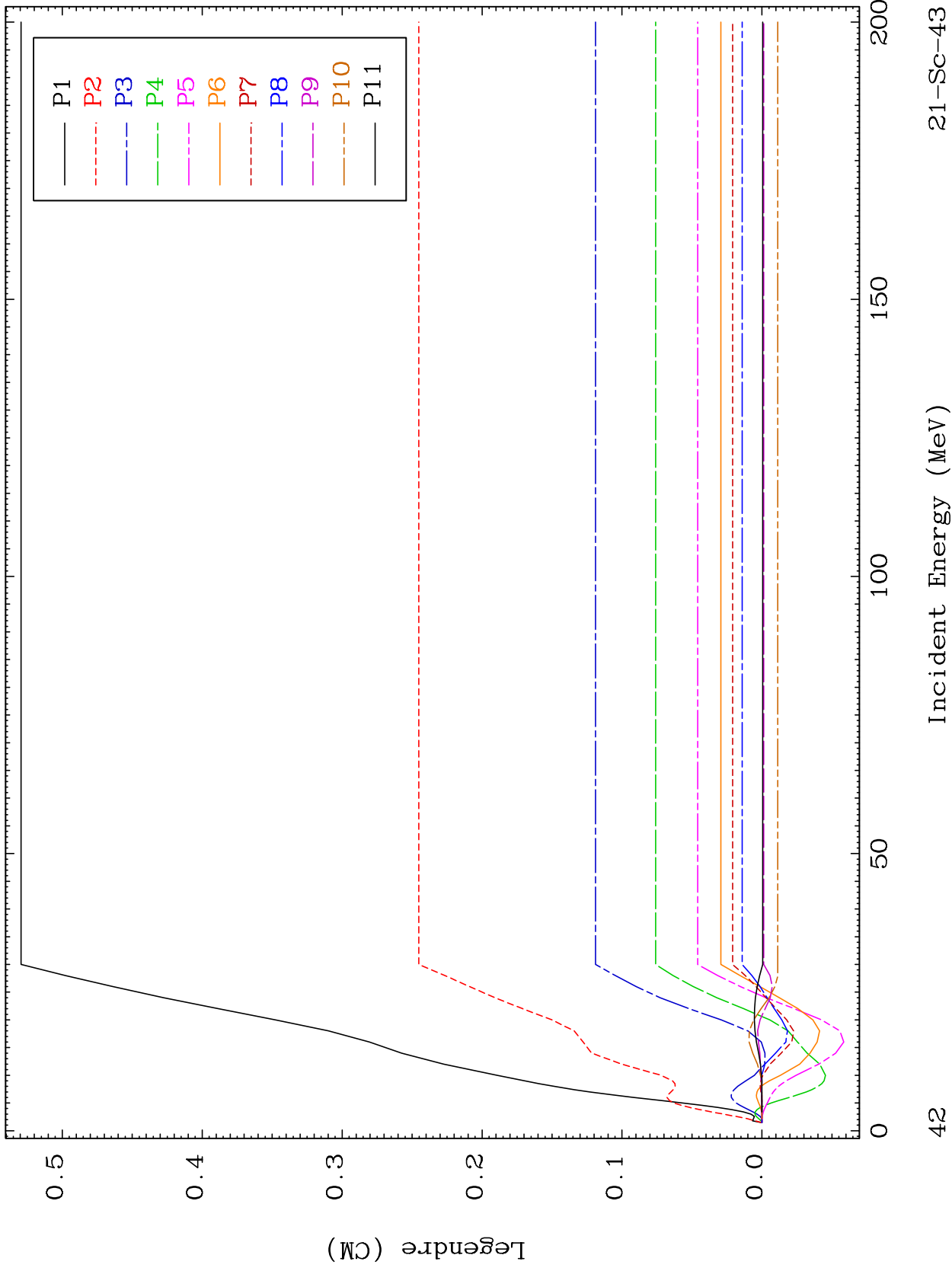
41

21-Sc-43

MAT 2119

1.408 MeV (n,n') Level
Legendre Coefficients

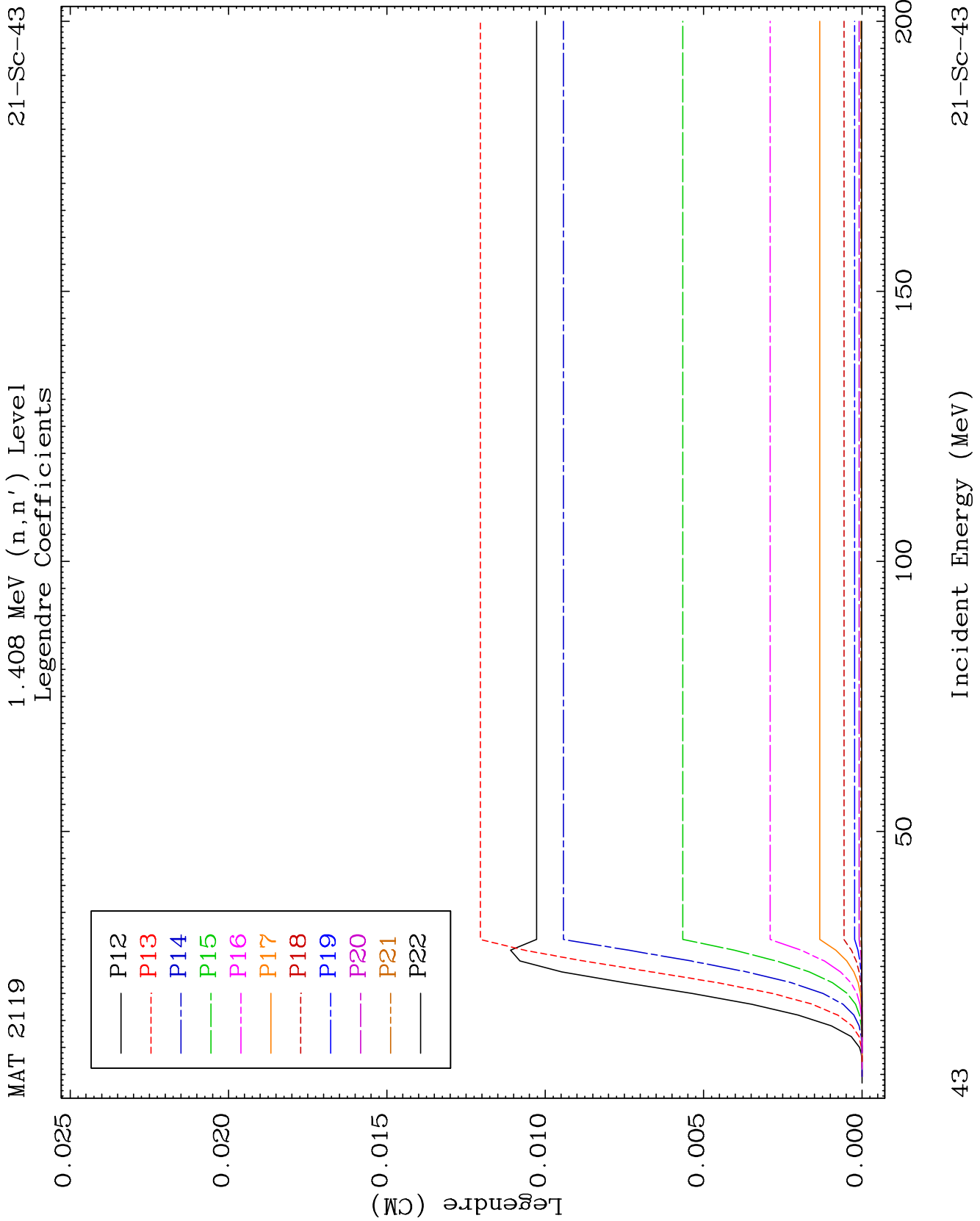
21-Sc-43



21-Sc-43

Incident Energy (MeV)

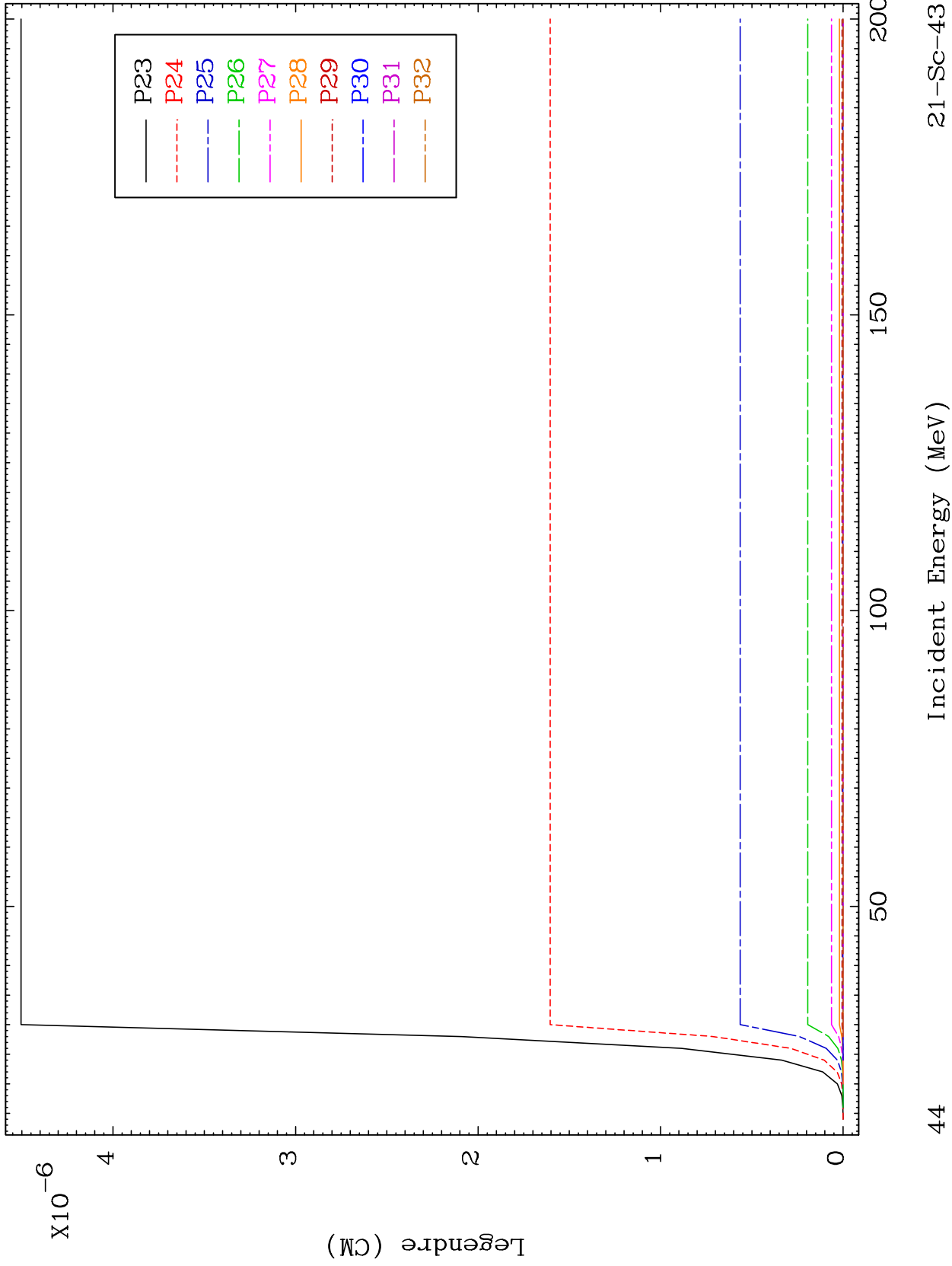
42



MAT 2119

1.408 MeV (n,n') Level
Legendre Coefficients

21-Sc-43



44

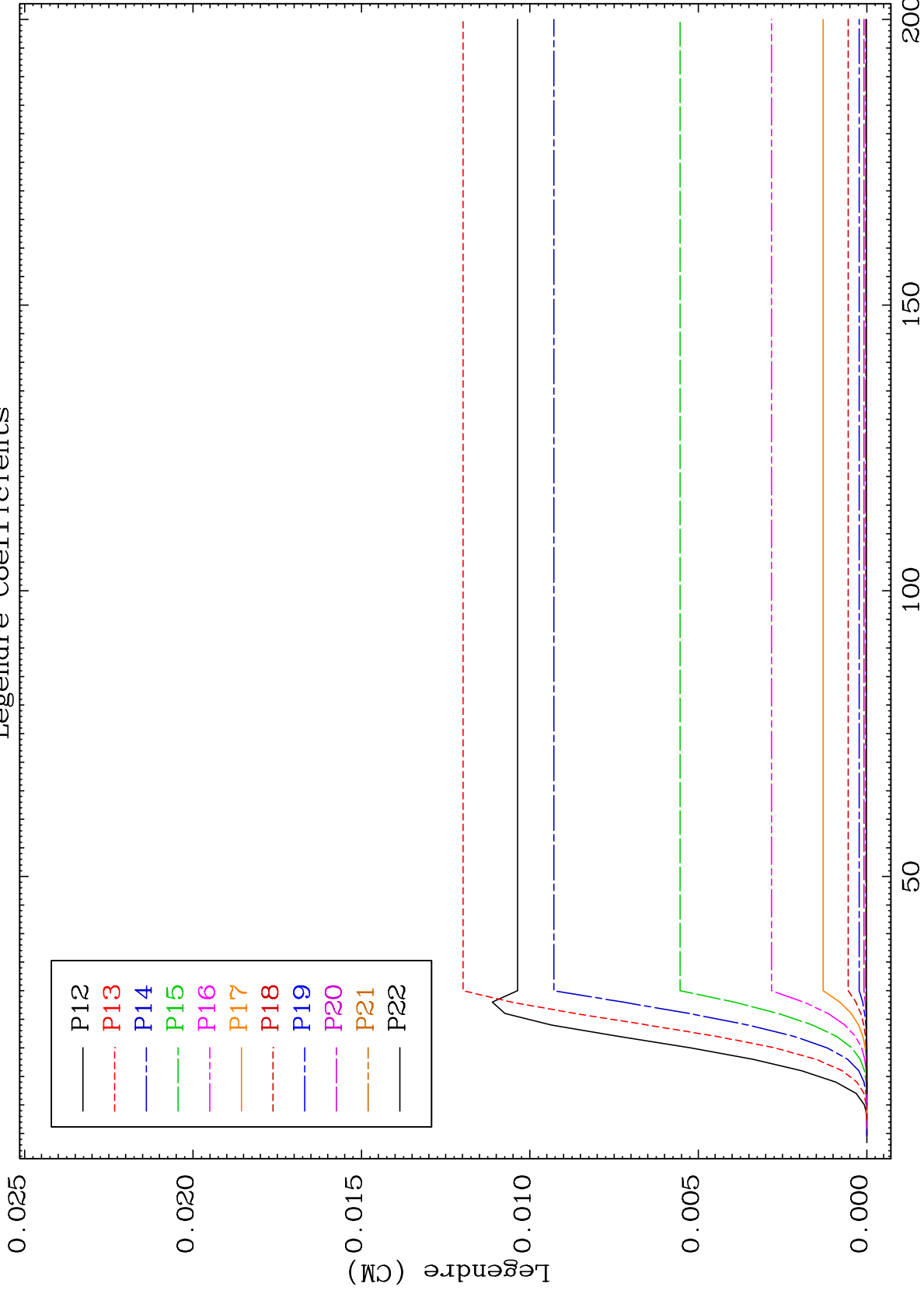
Incident Energy (MeV)

21-Sc-43

MAT 2119

1.651 MeV (n,n') Level
Legendre Coefficients

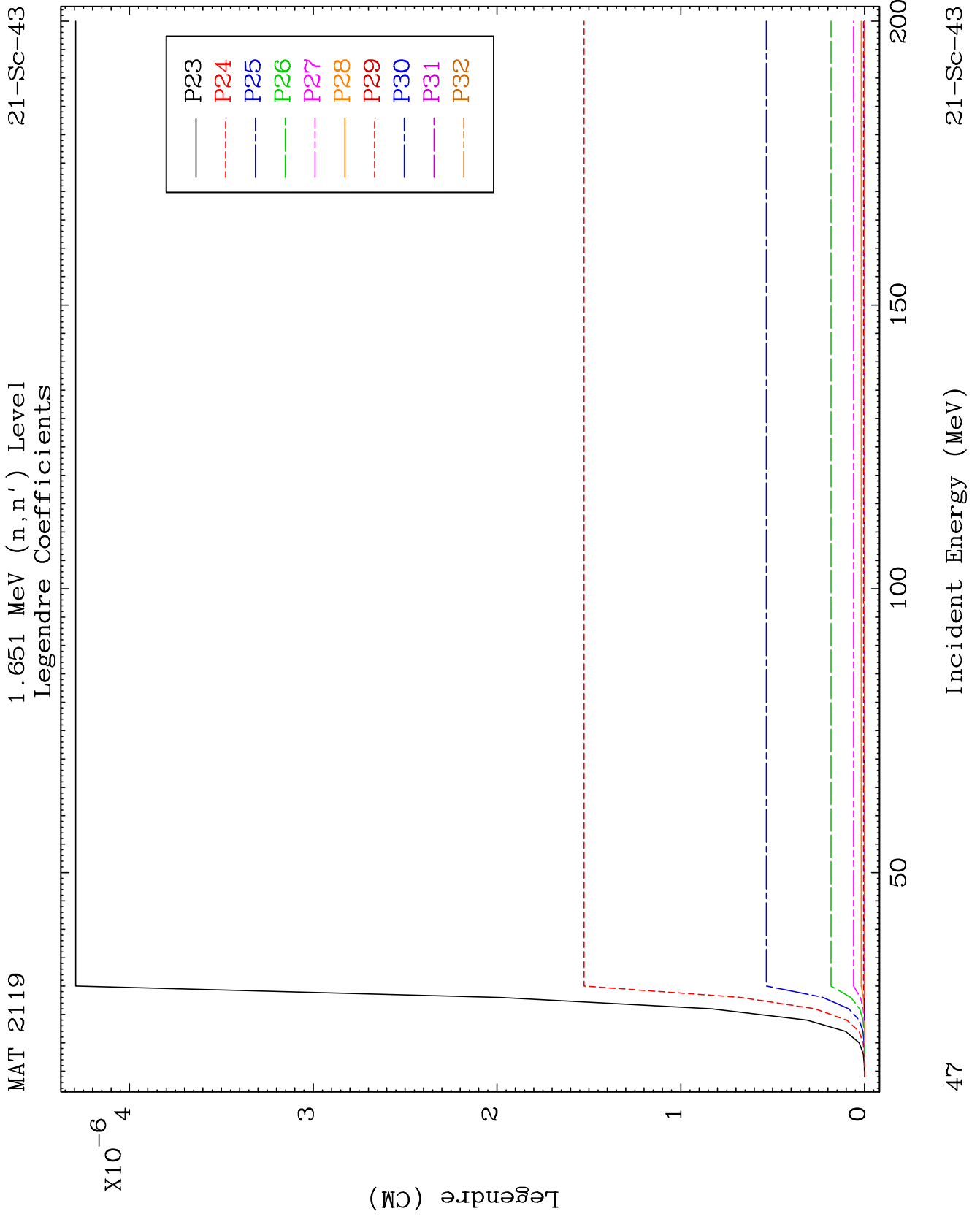
21-Sc-43

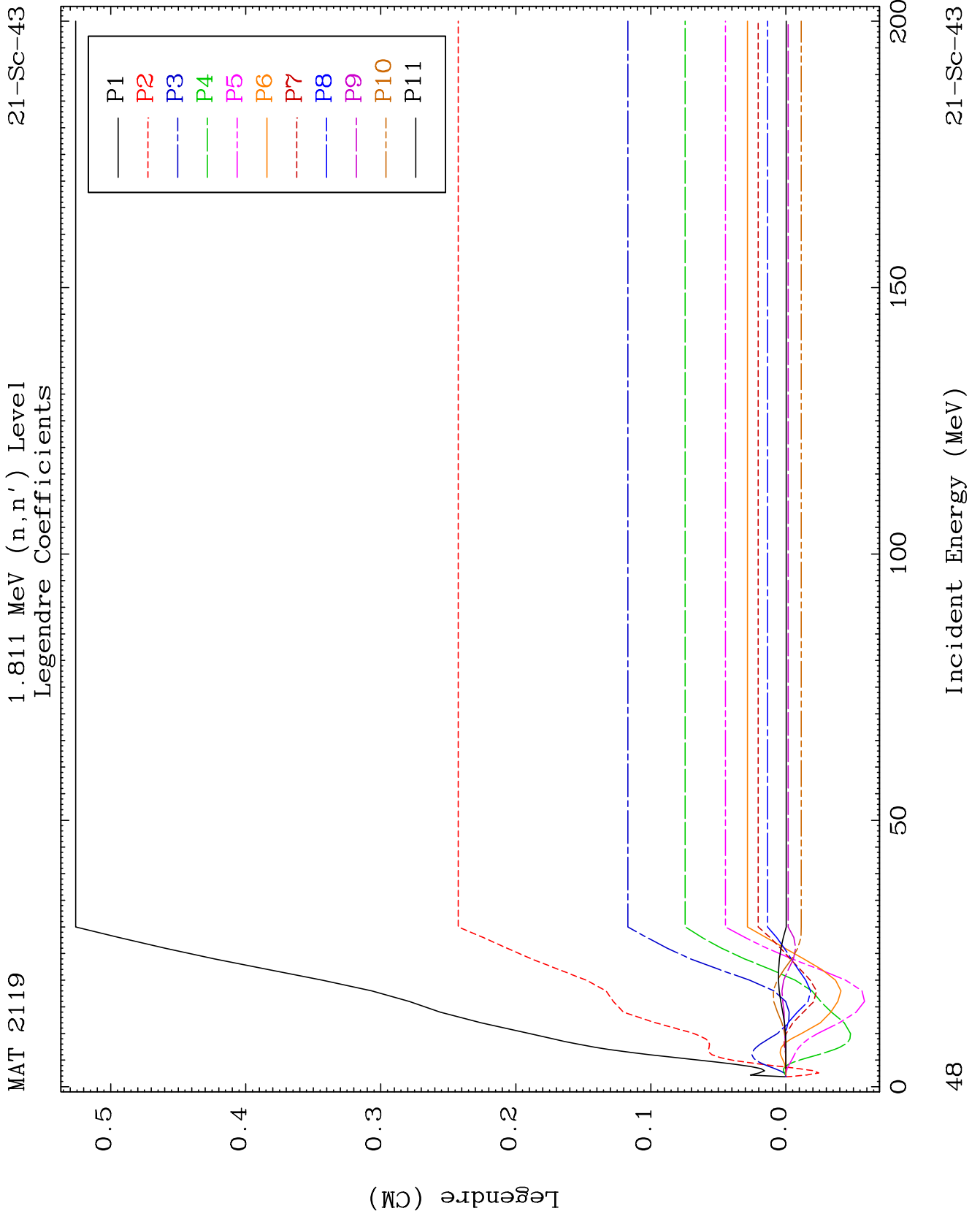


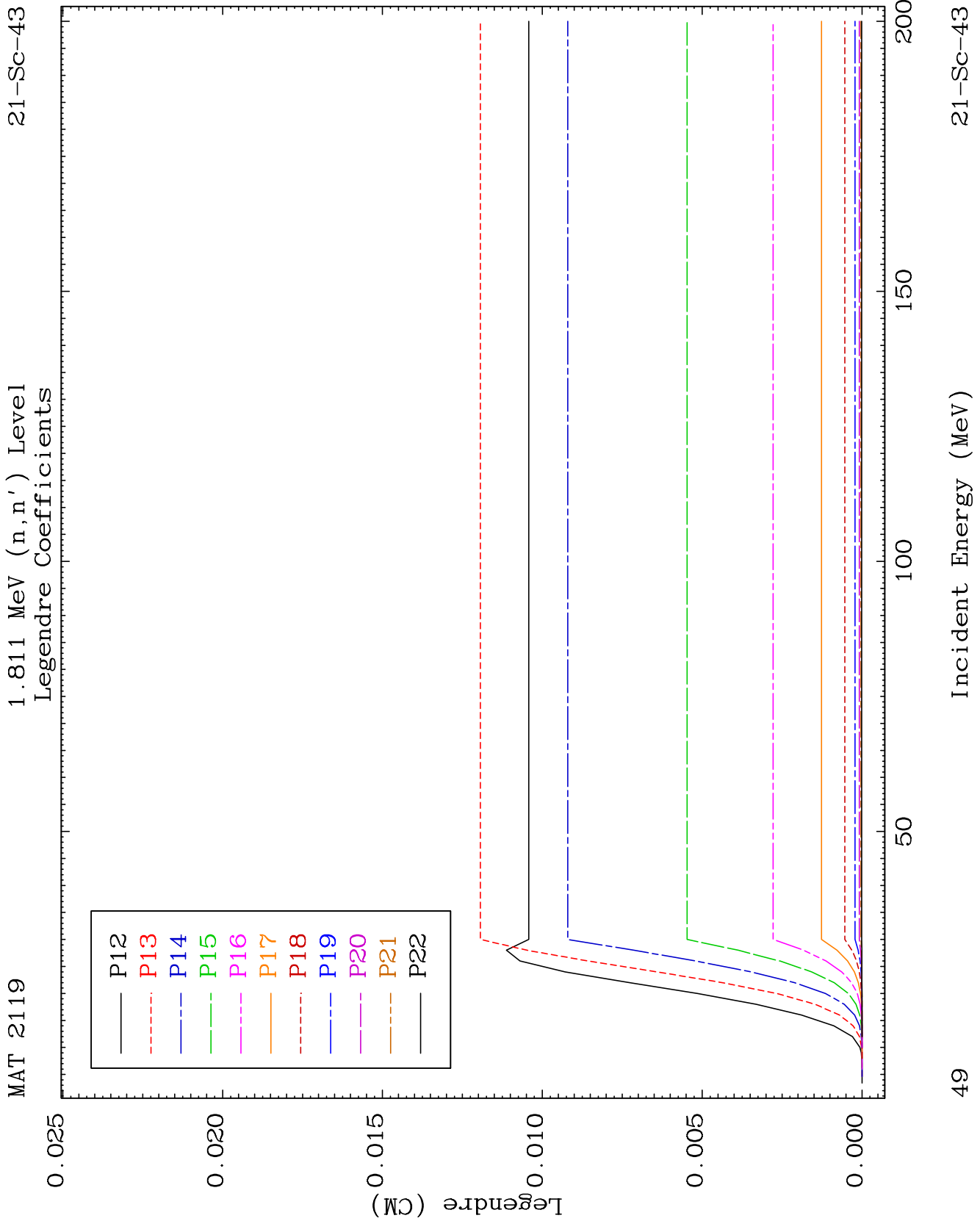
46

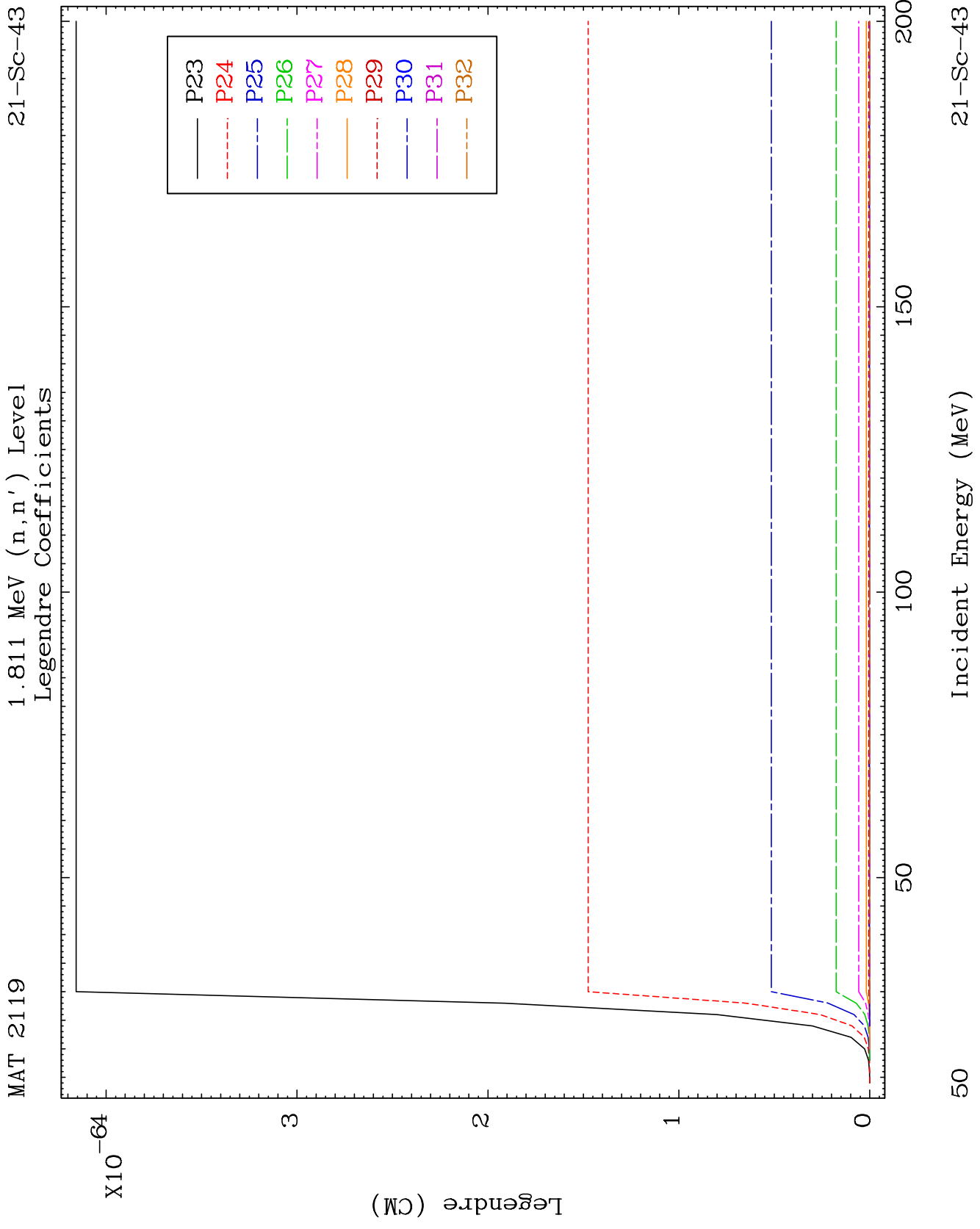
Incident Energy (MeV)

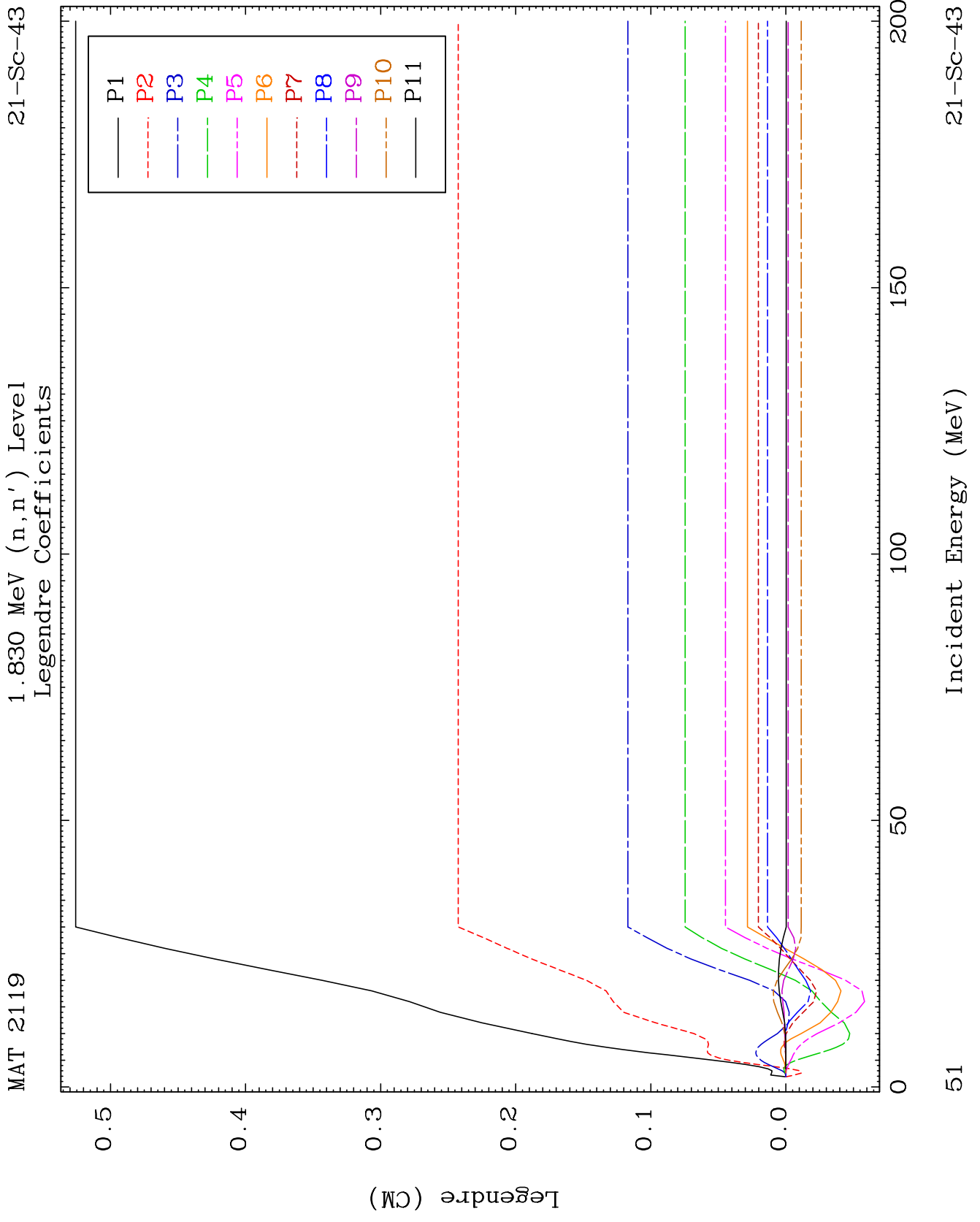
21-Sc-43

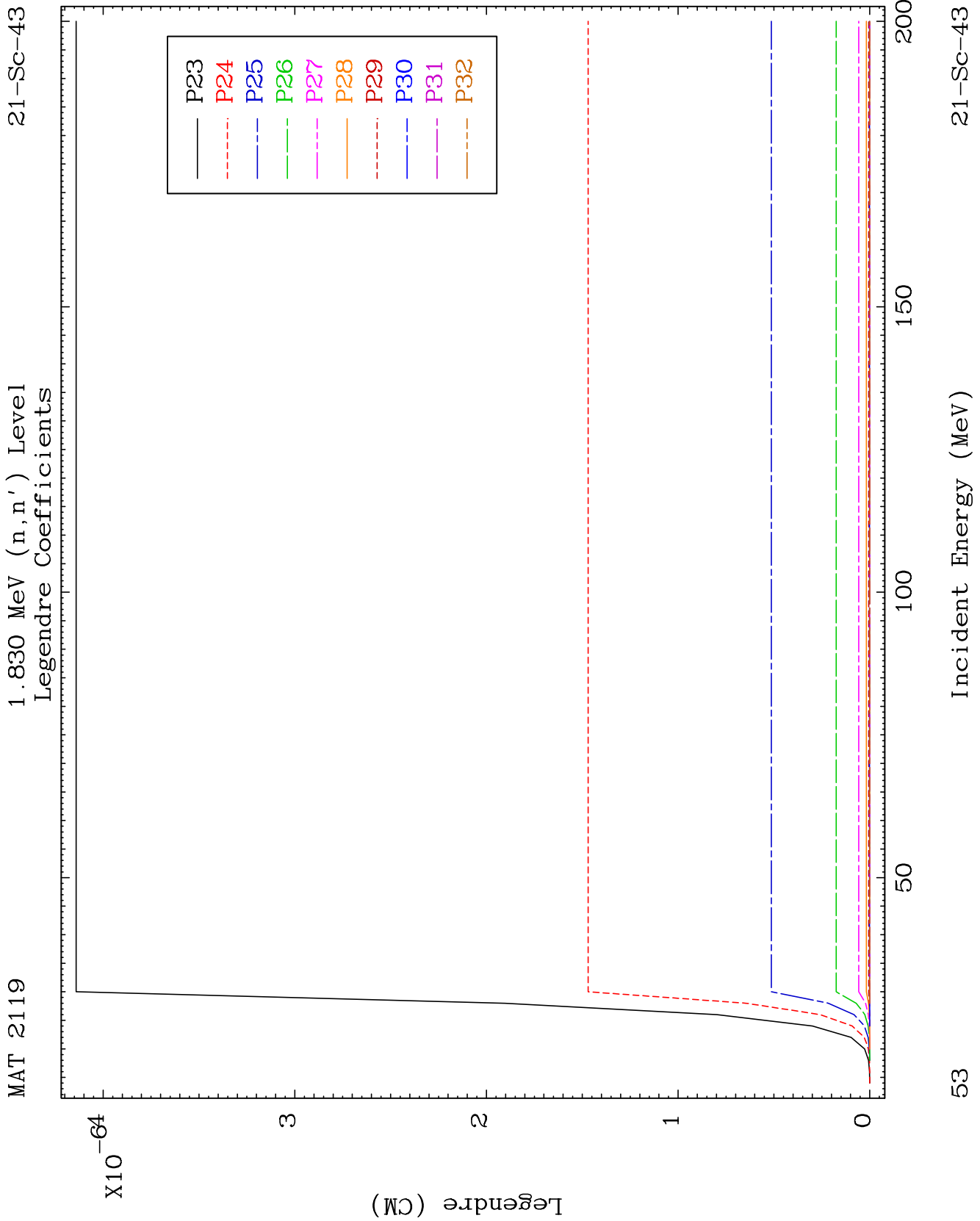


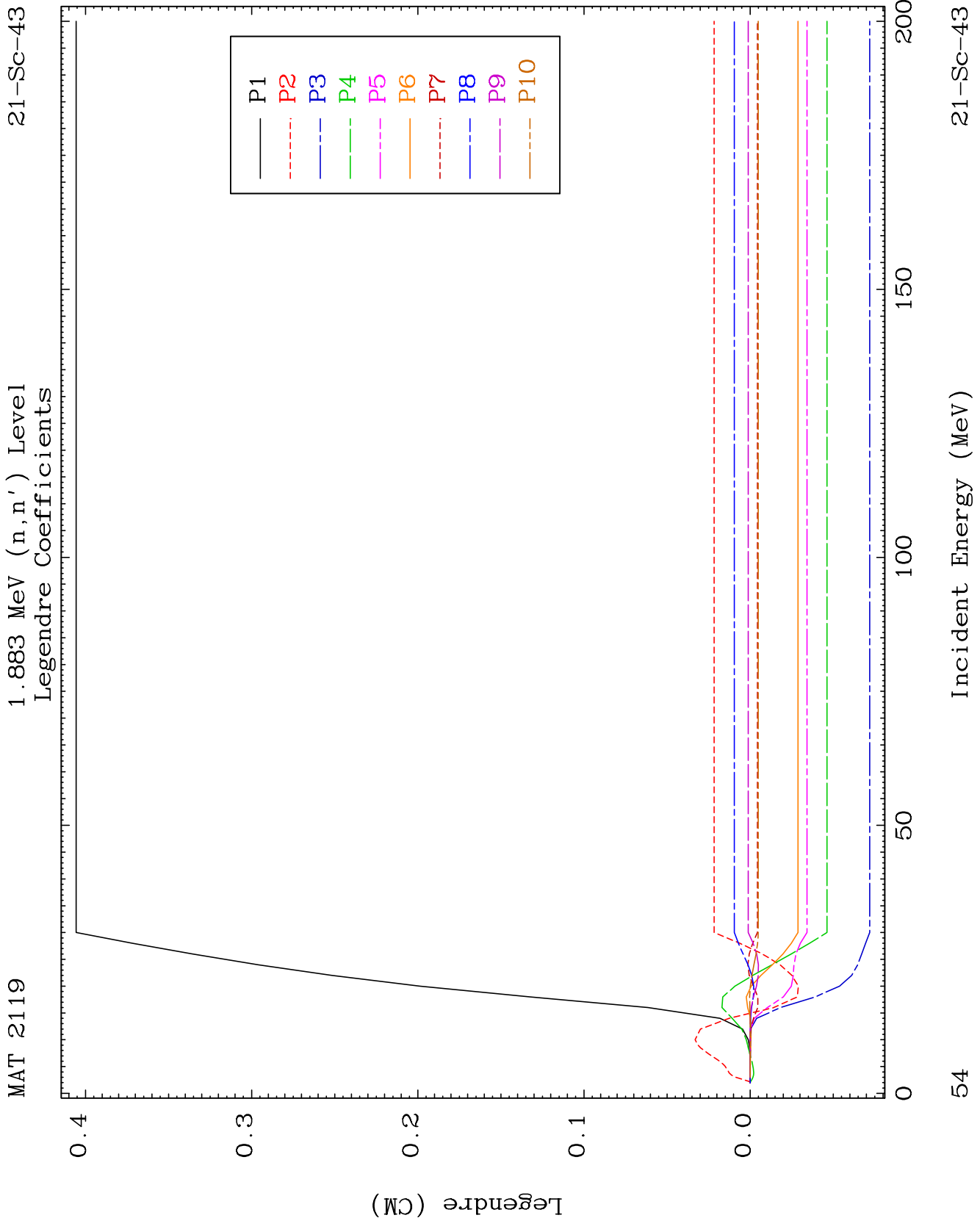


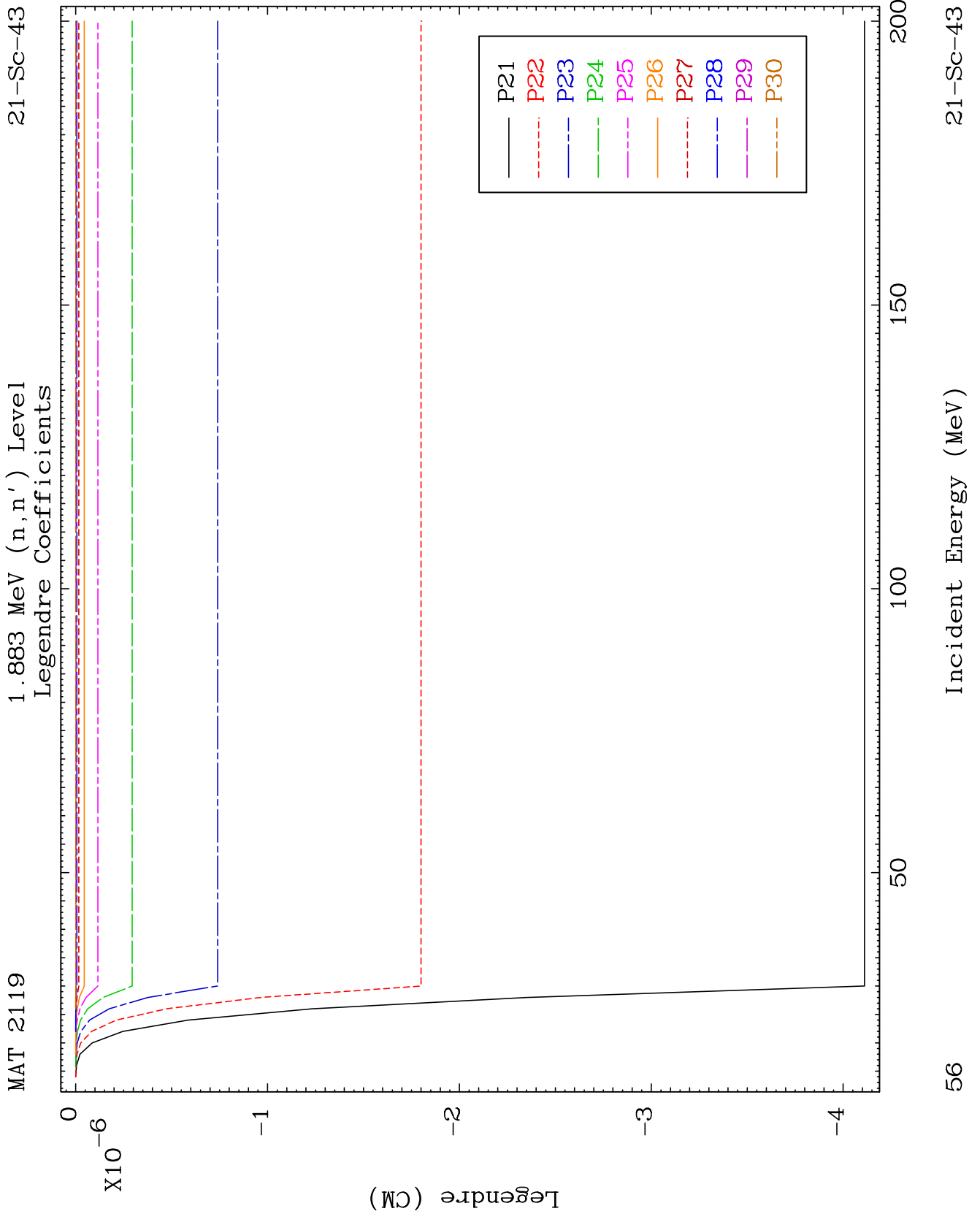


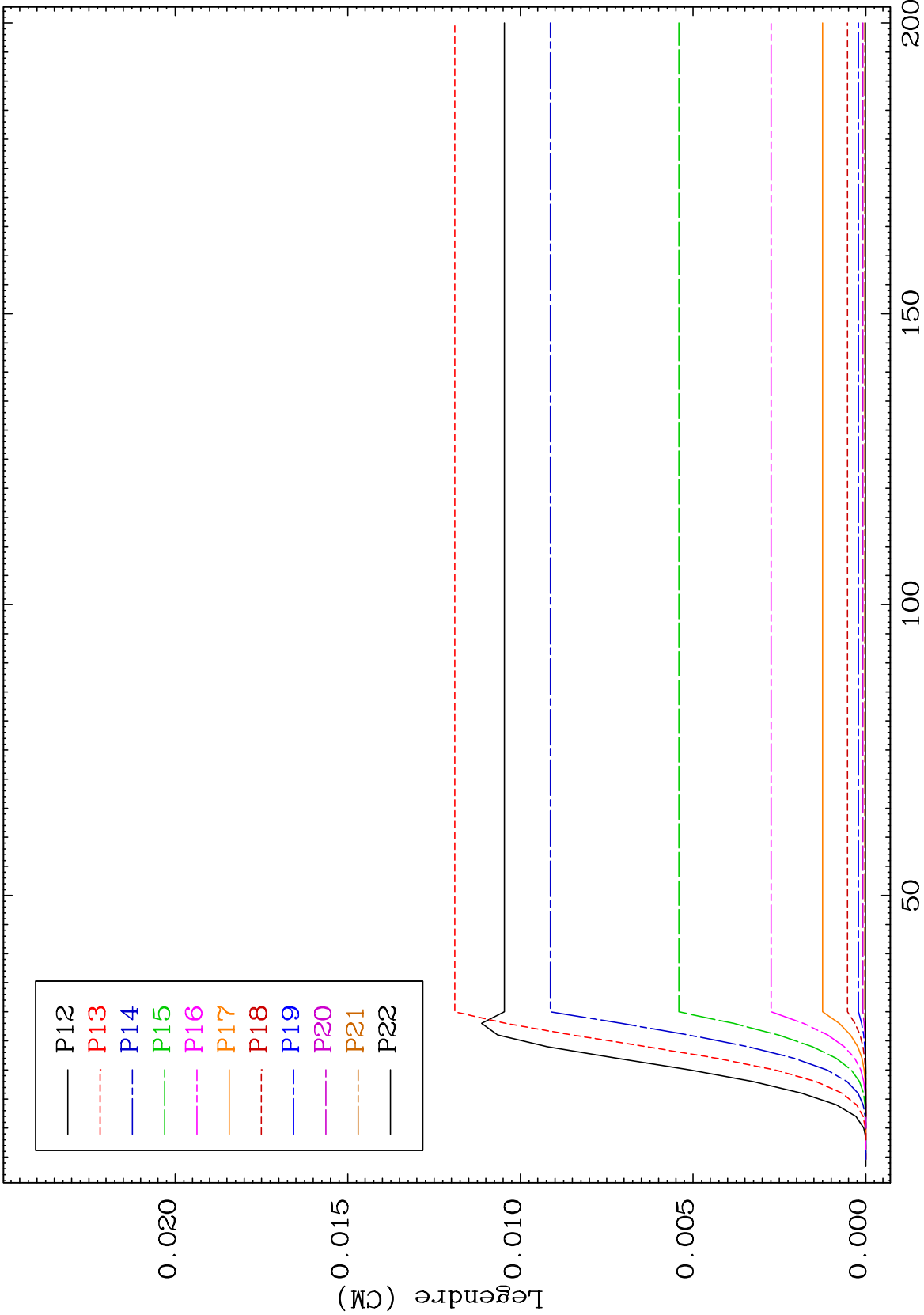


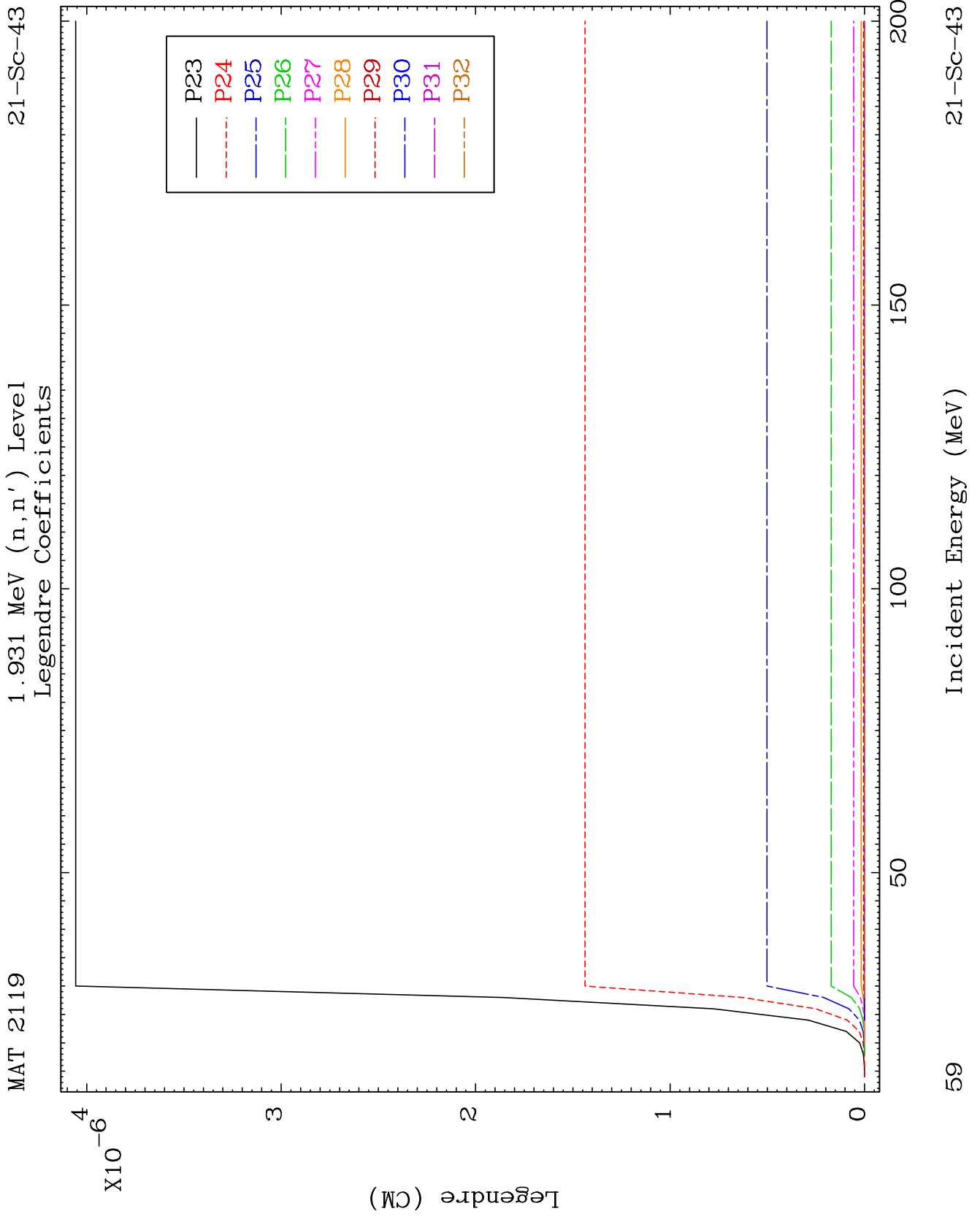








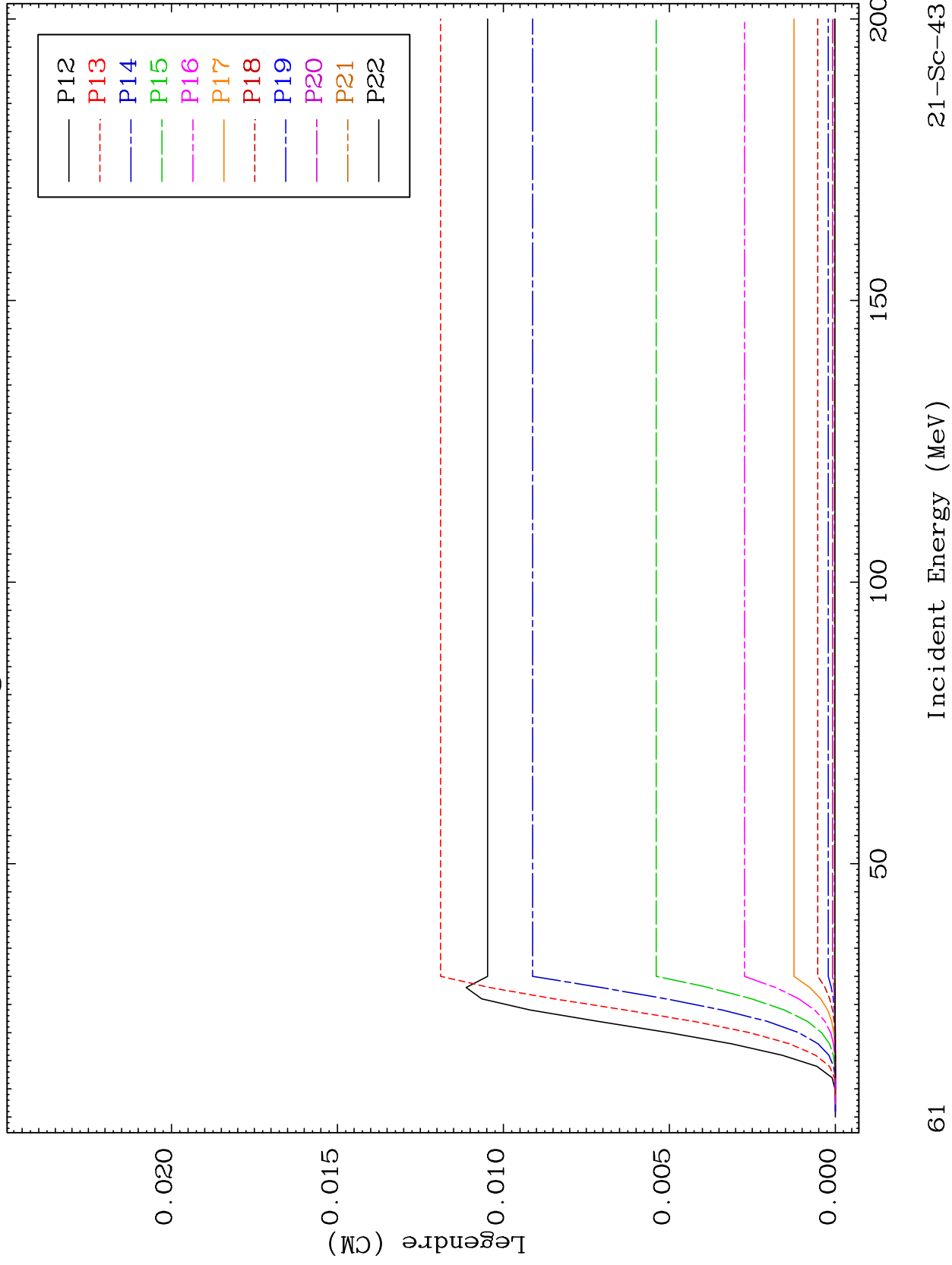




MAT 2119

1.963 MeV (n,n') Level
Legendre Coefficients

21-Sc-43



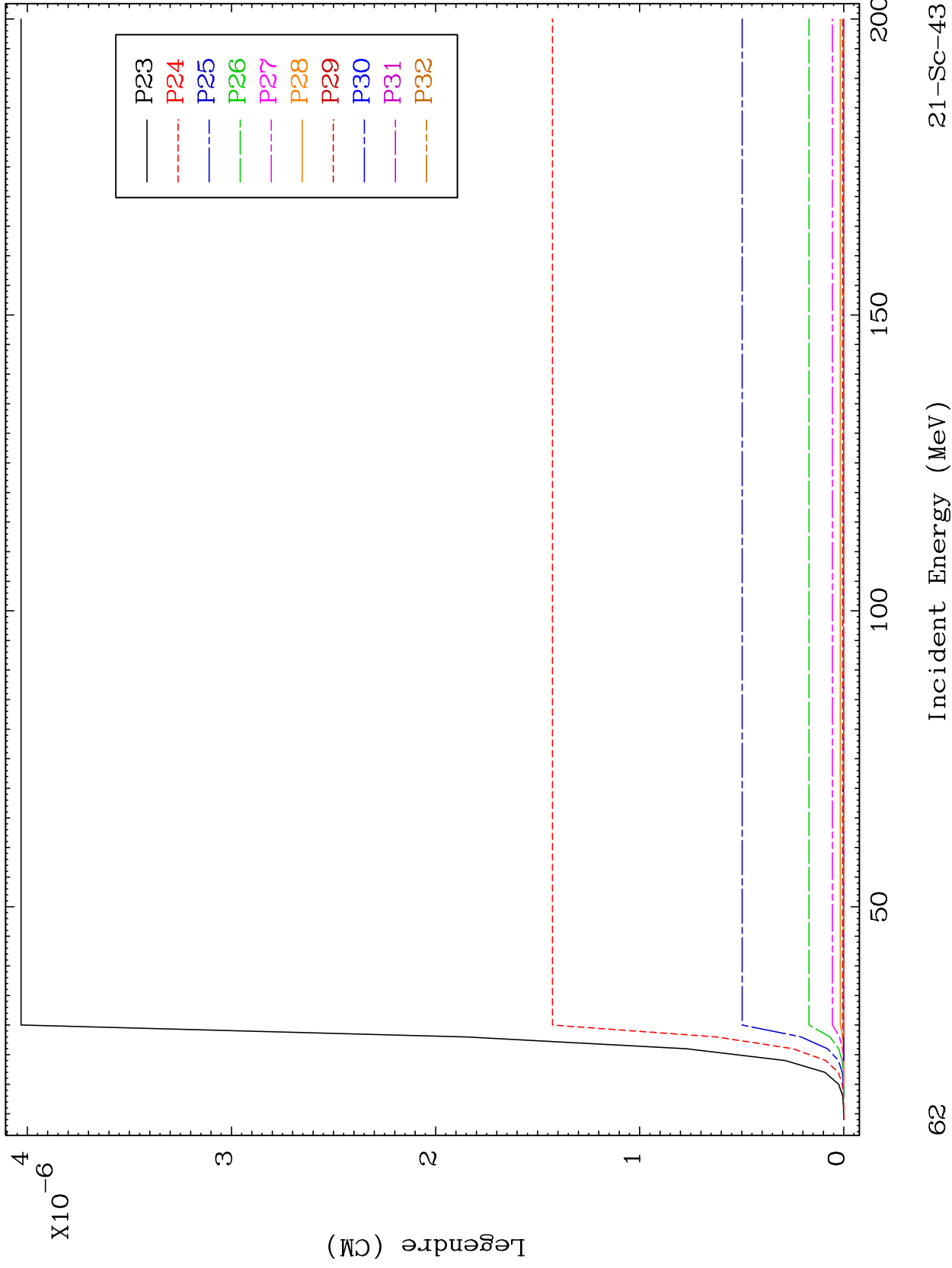
61

21-Sc-43

MAT 2119

1.963 MeV (n,n') Level
Legendre Coefficients

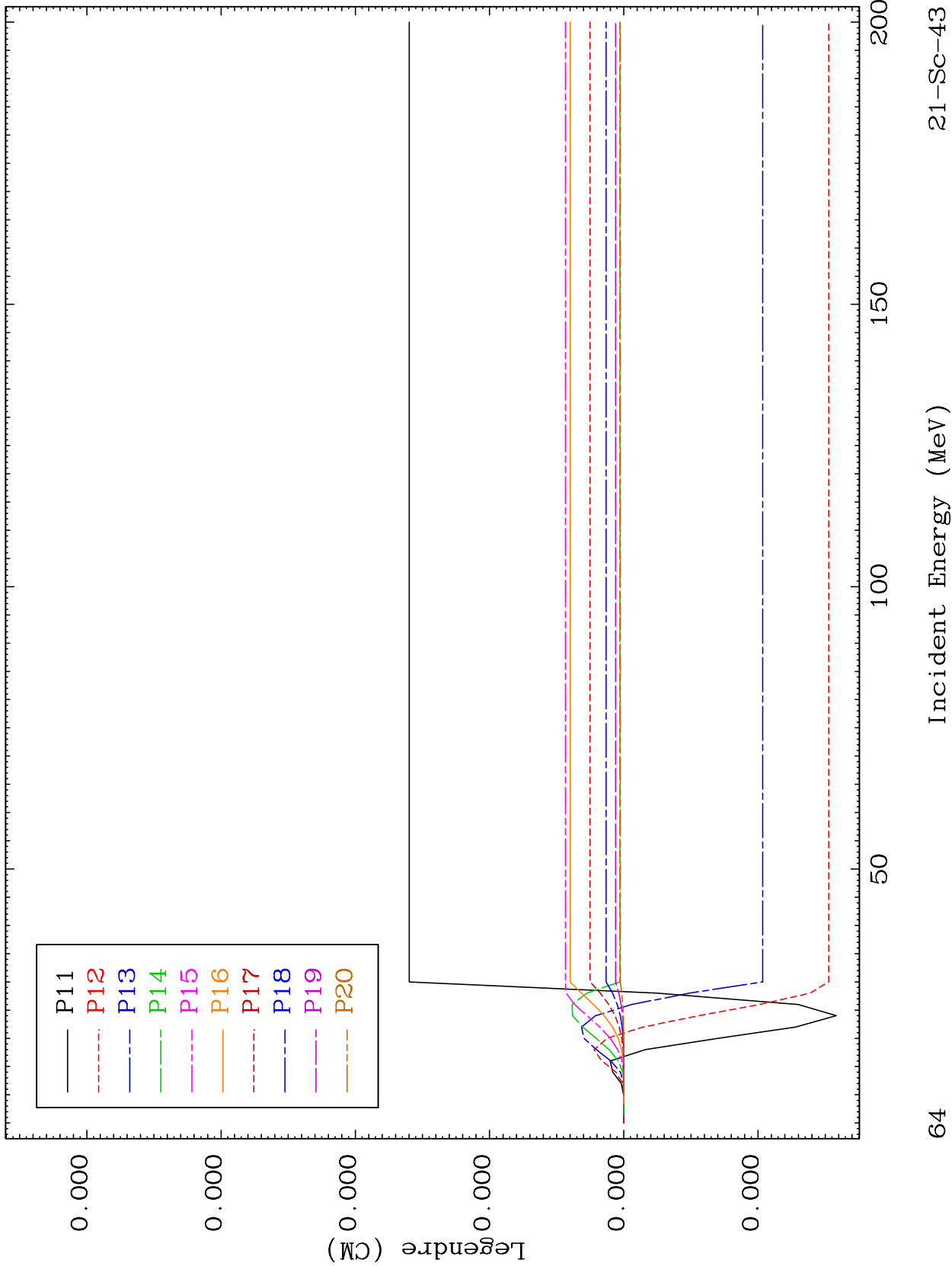
21-Sc-43

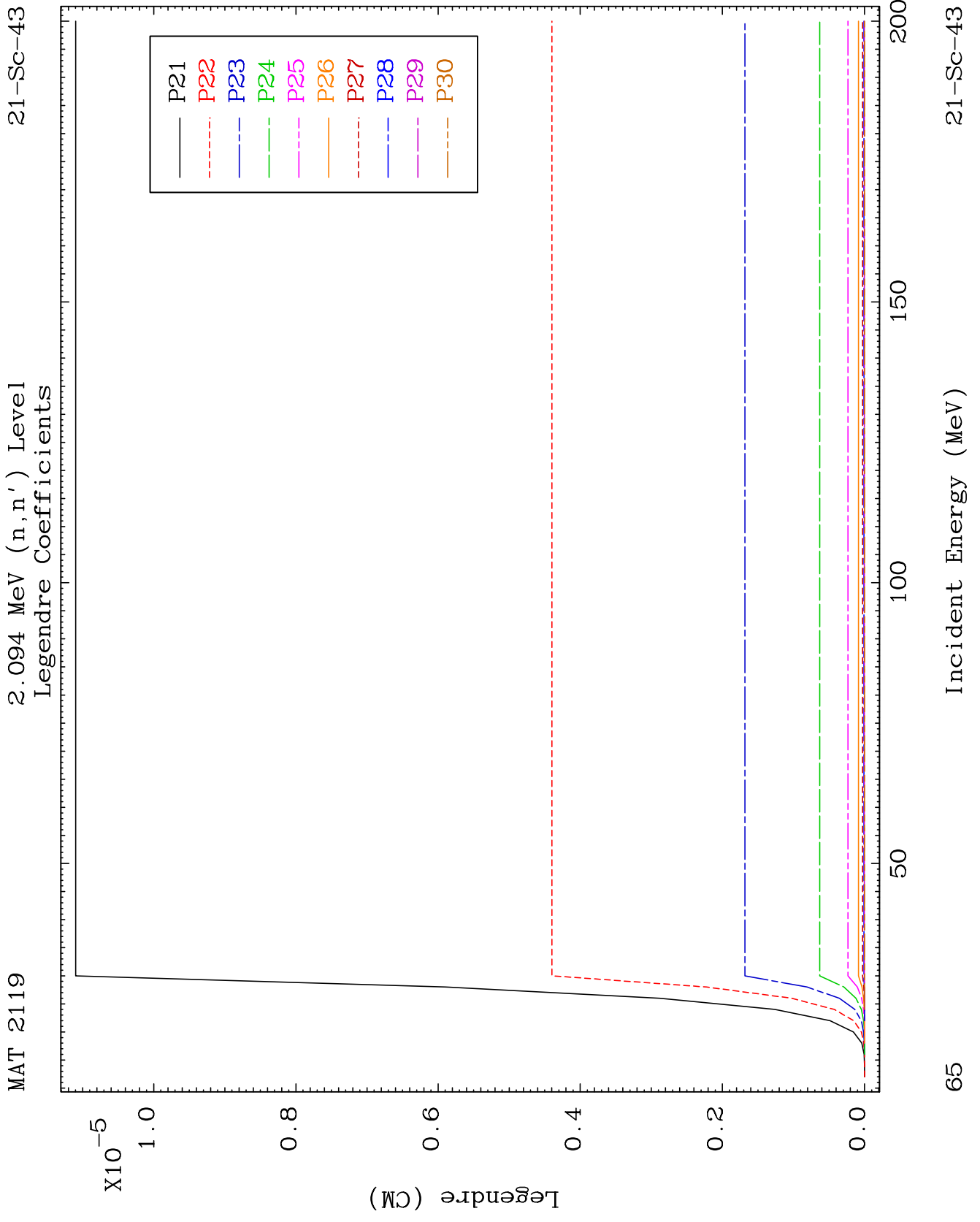


62

Incident Energy (MeV)

21-Sc-43

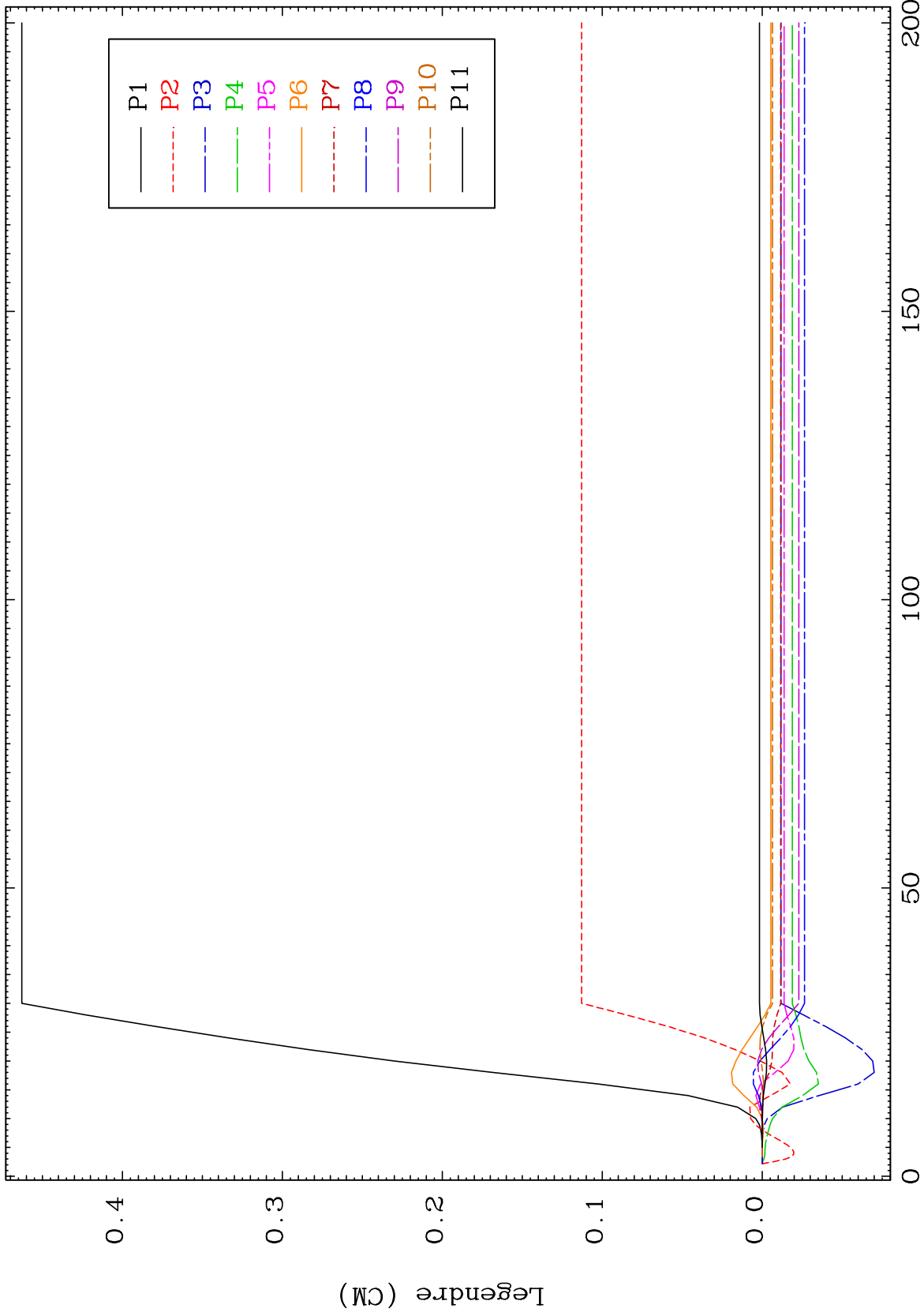




MAT 2119

2.106 MeV (n,n') Level
Legendre Coefficients

21-Sc-43



66

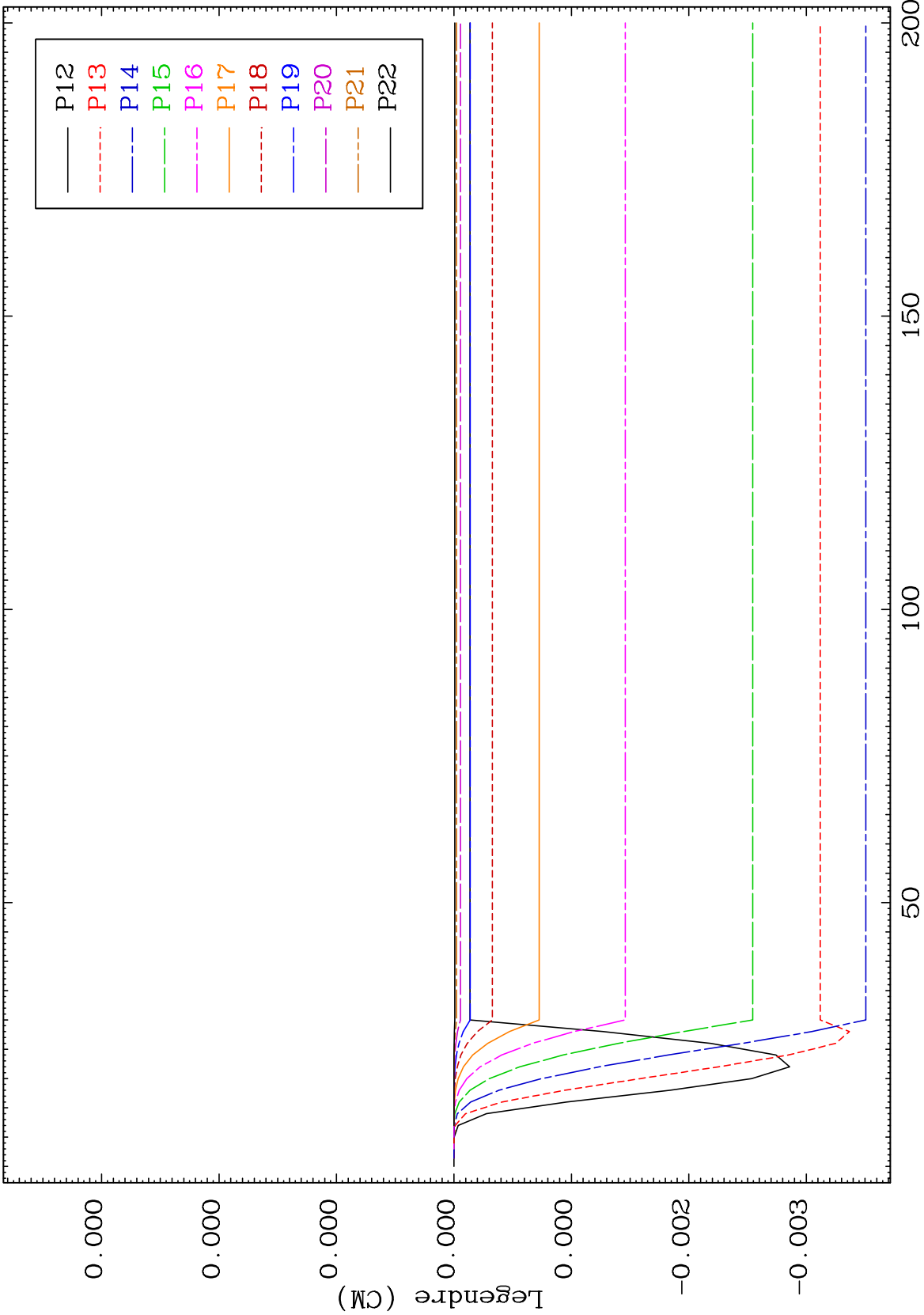
Incident Energy (MeV)

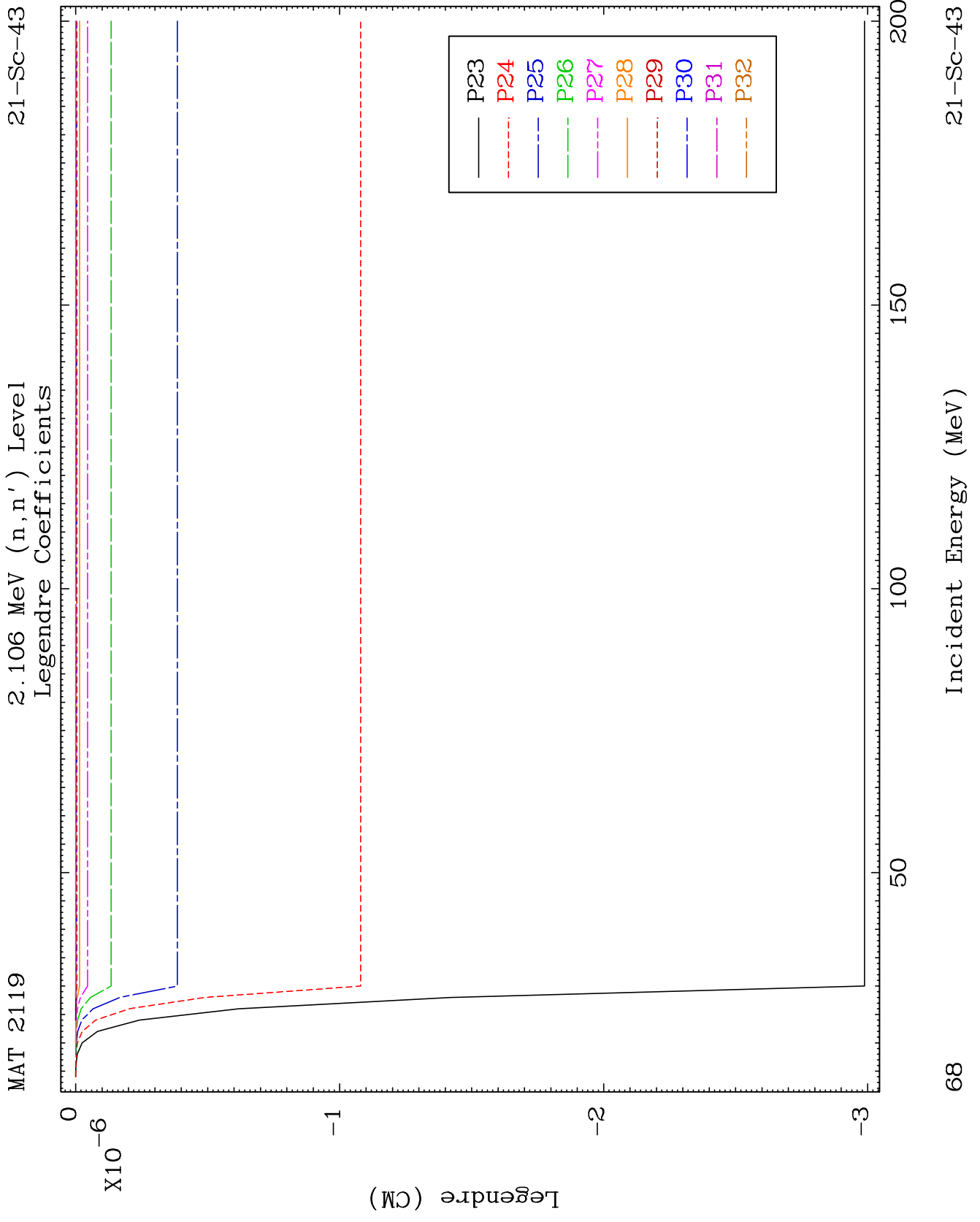
21-Sc-43

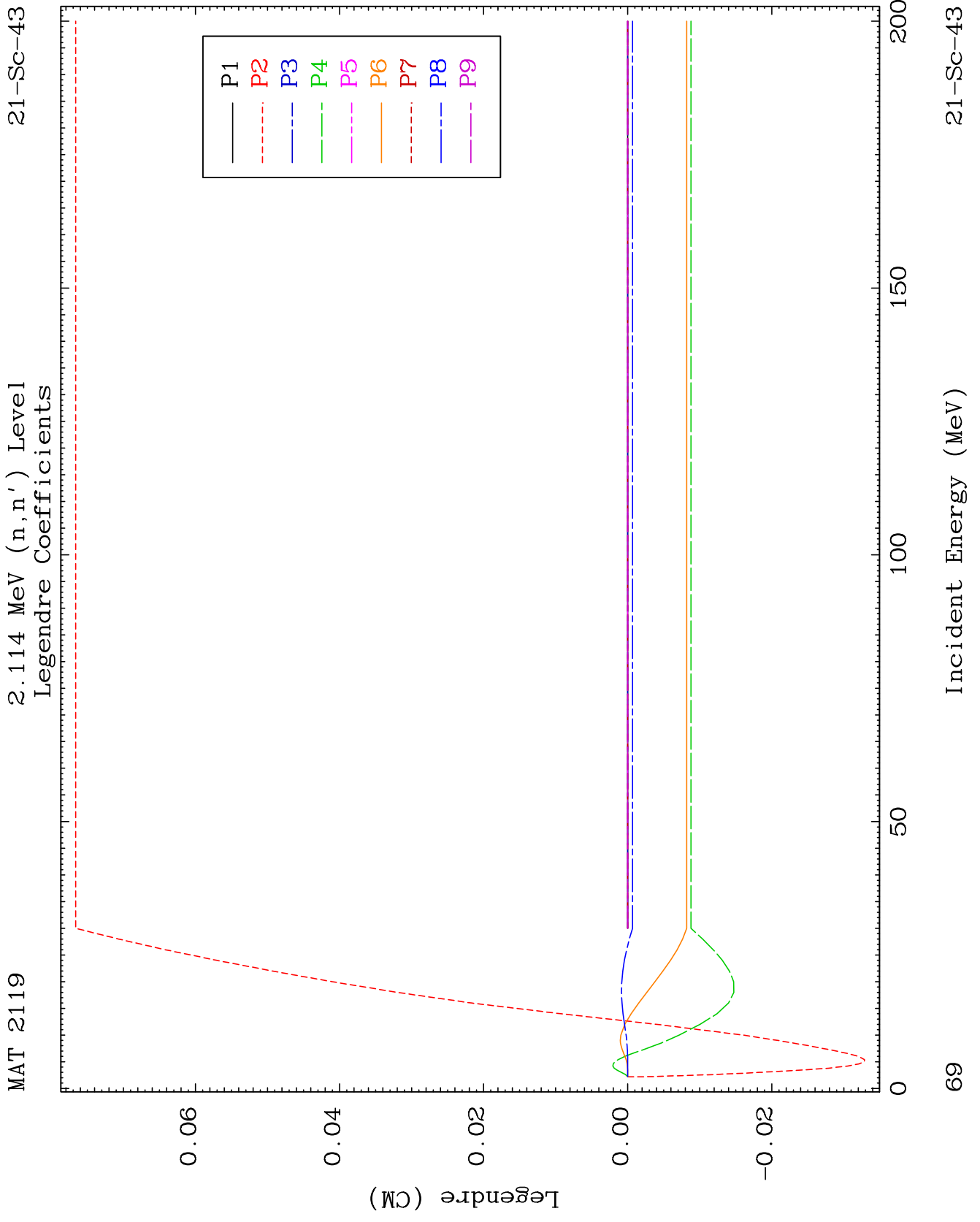
MAT 2119

2.106 MeV (n,n') Level
Legendre Coefficients

21-Sc-43



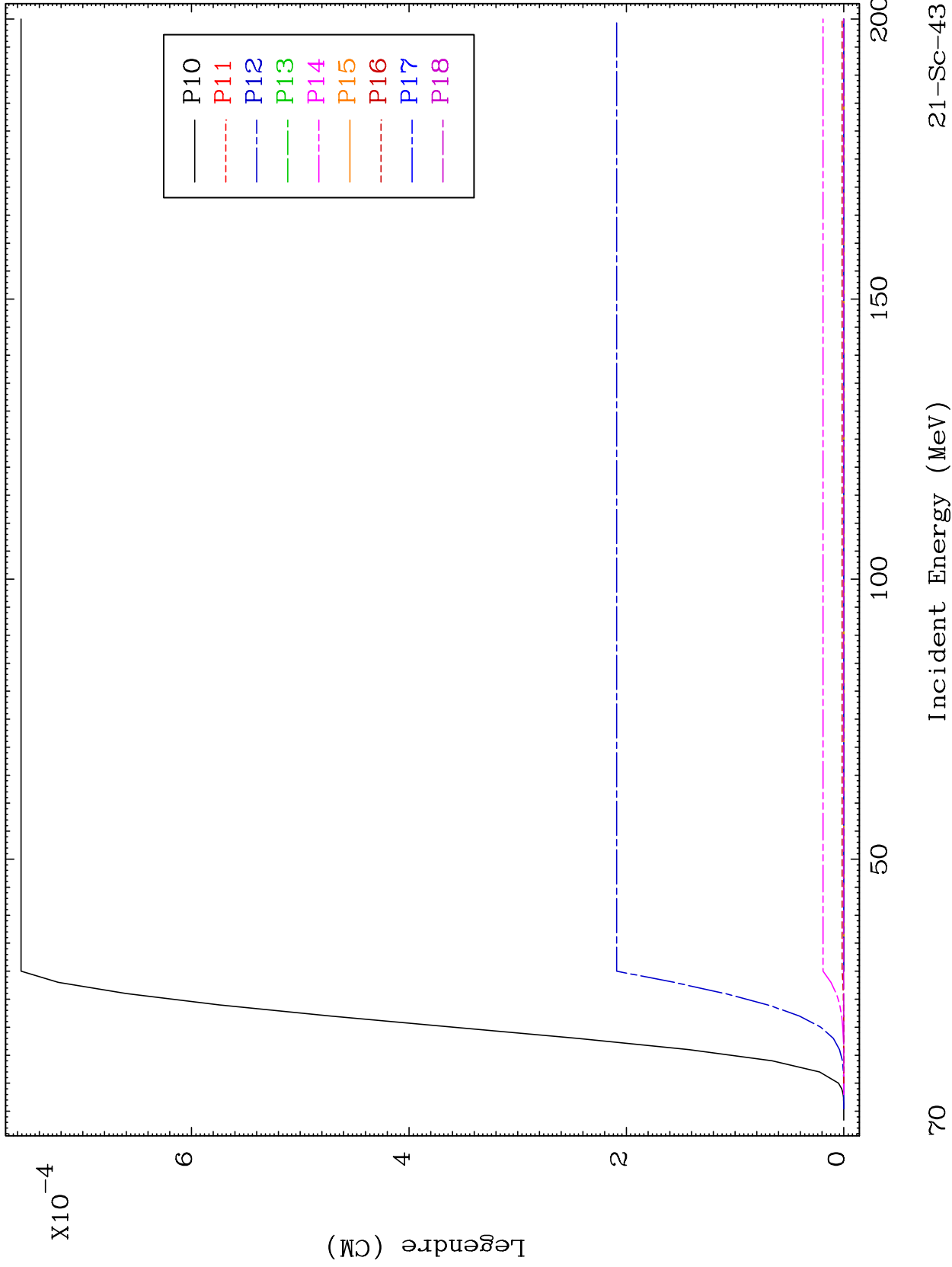


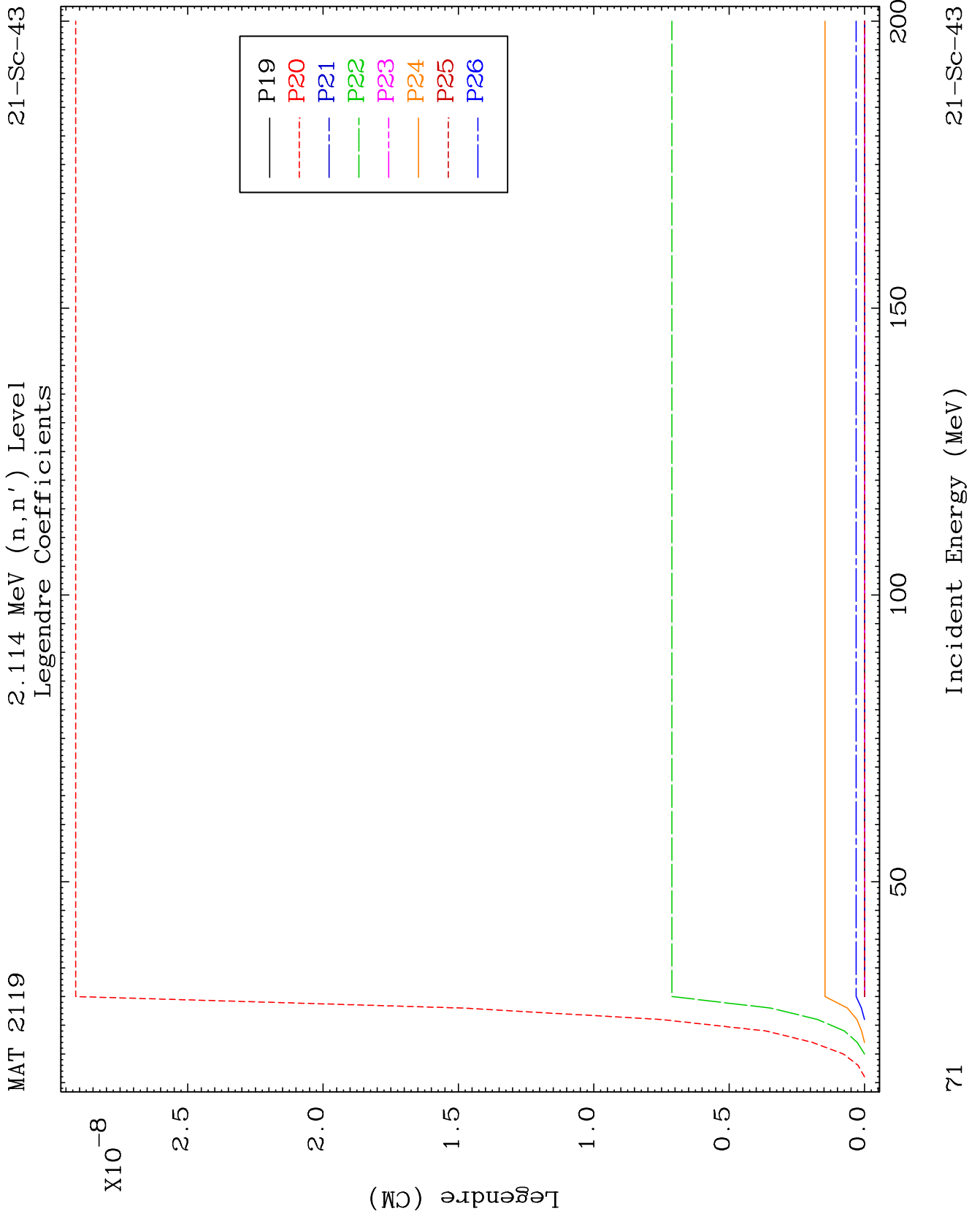


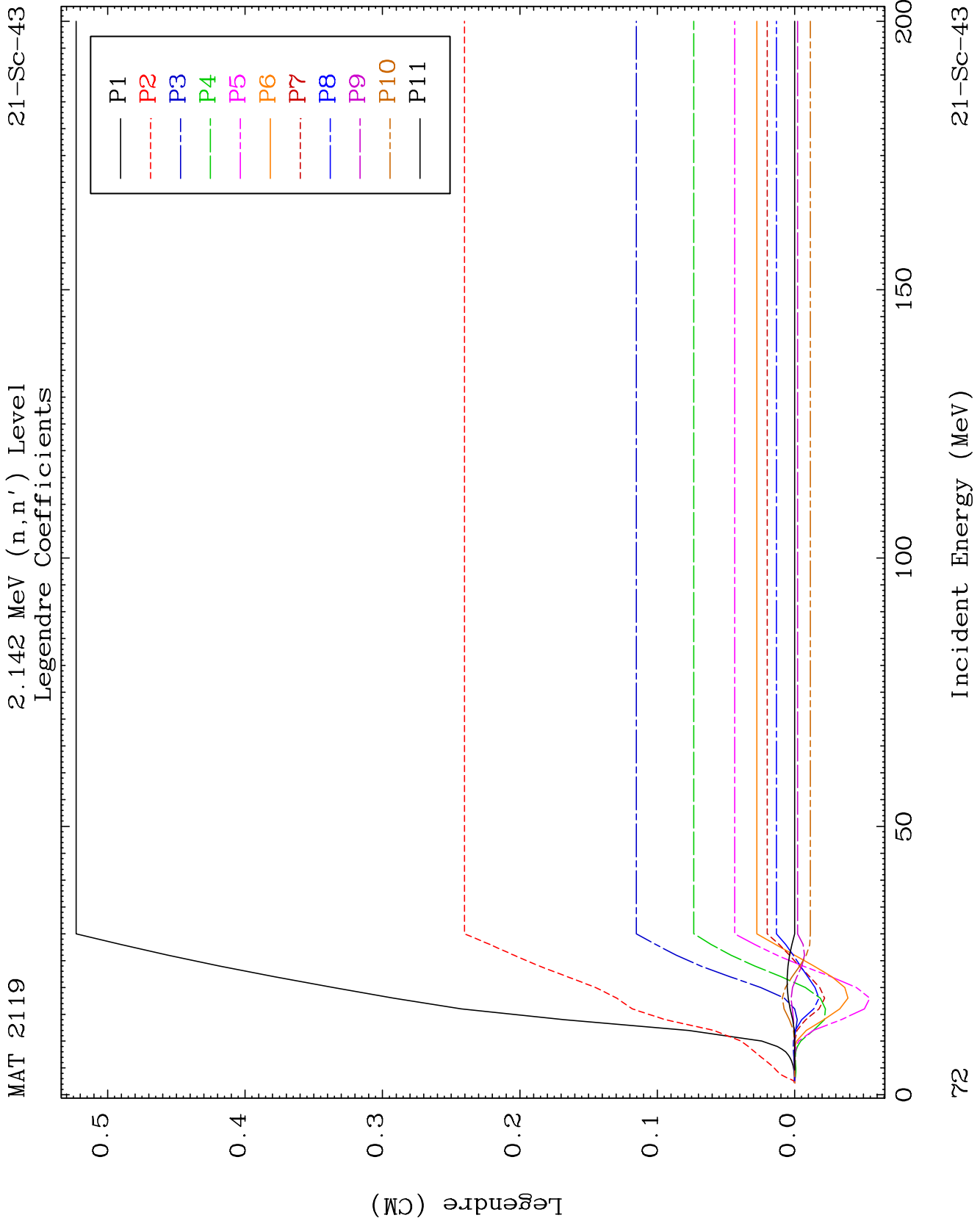
MAT 2119

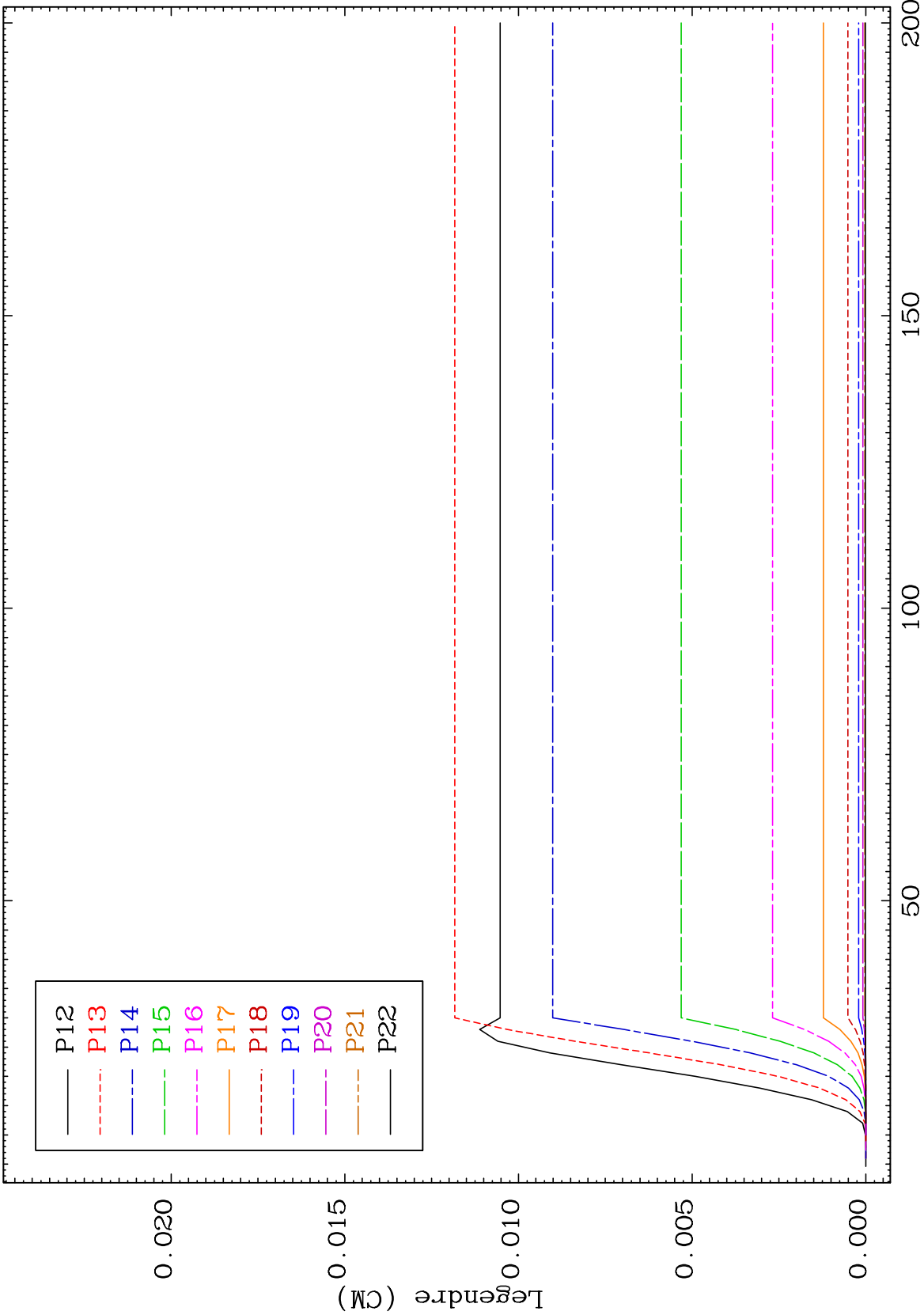
2.114 MeV (n,n') Level
Legendre Coefficients

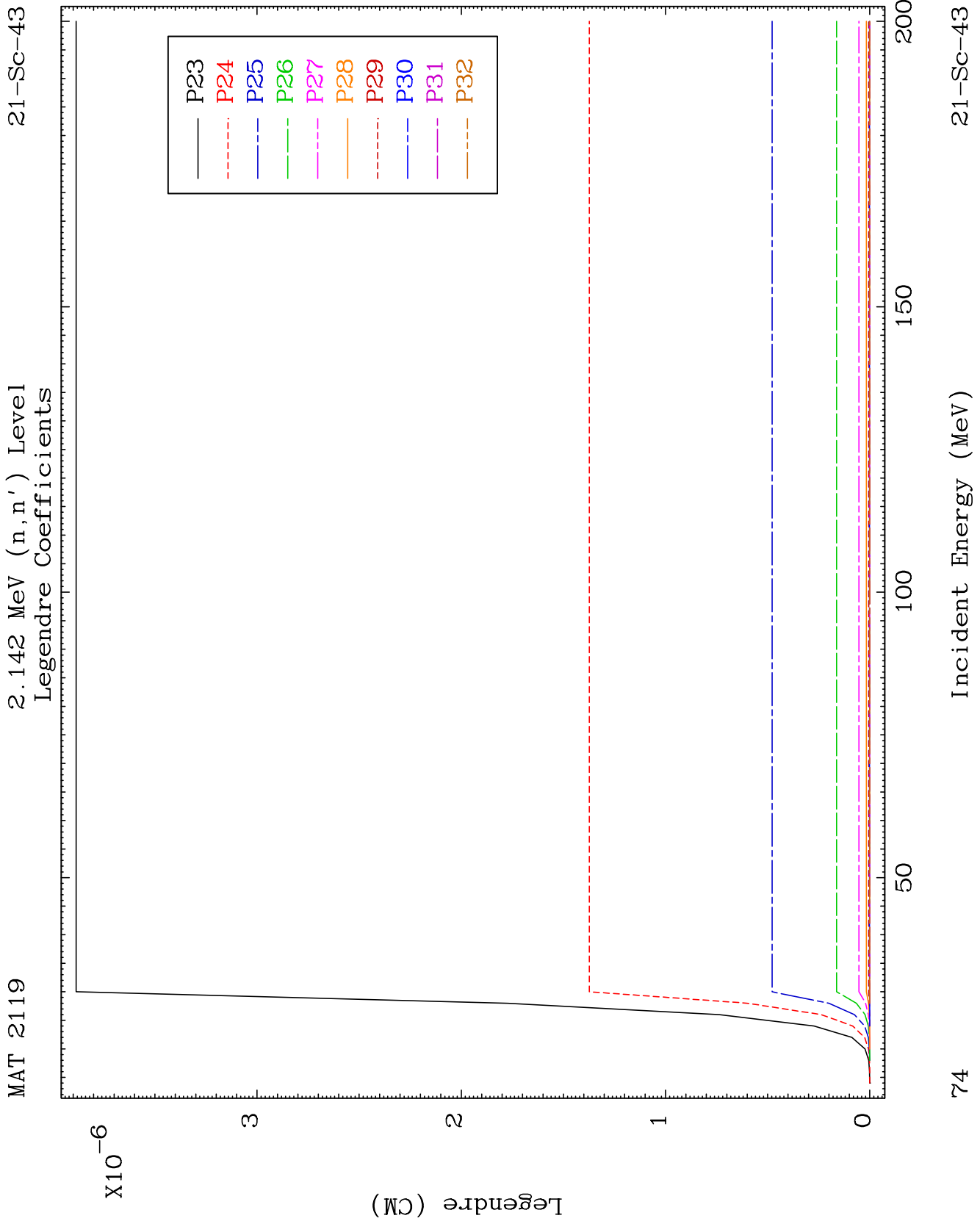
21-Sc-43







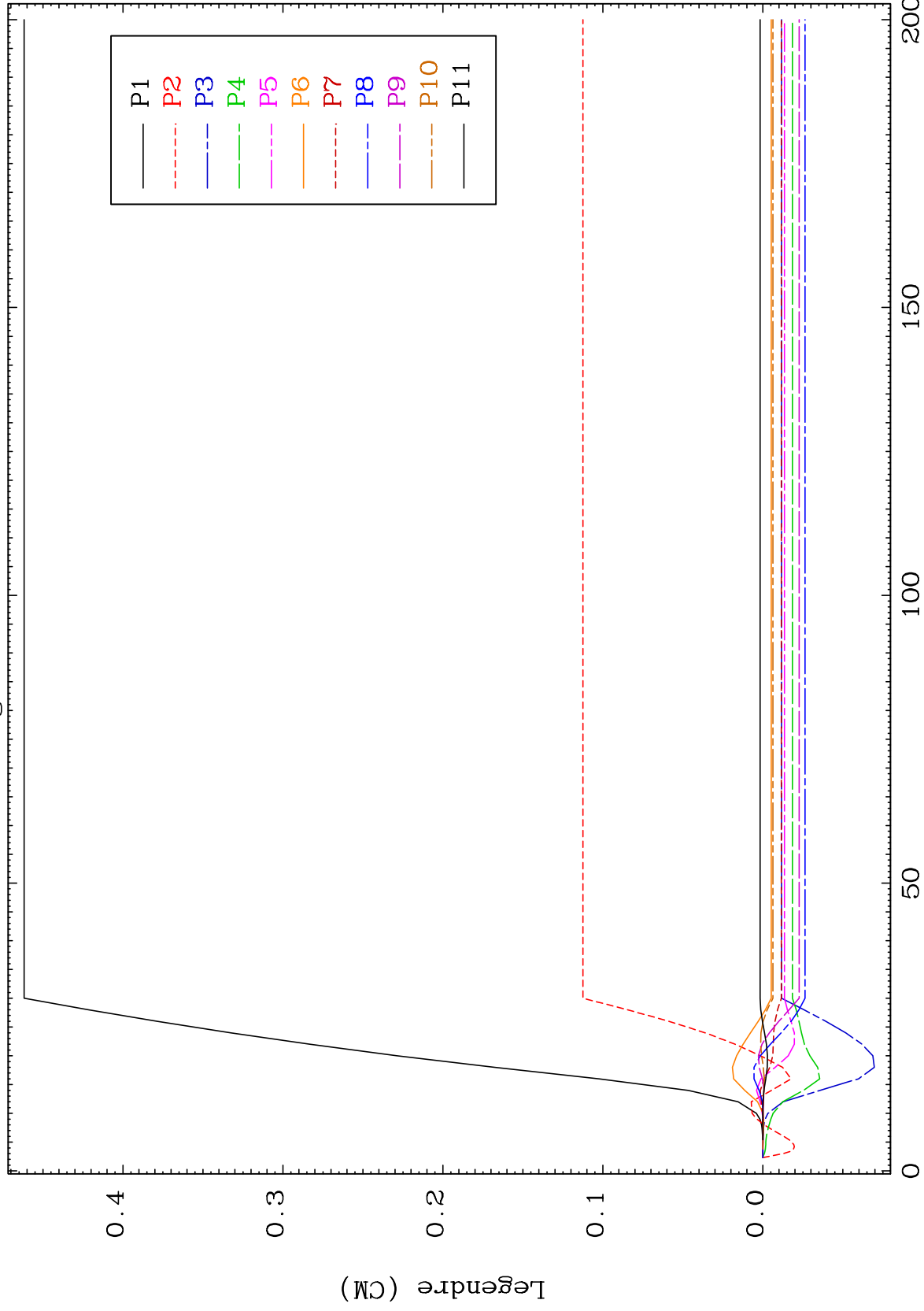




MAT 2119

2.243 MeV (n,n') Level
Legendre Coefficients

21-Sc-43



75

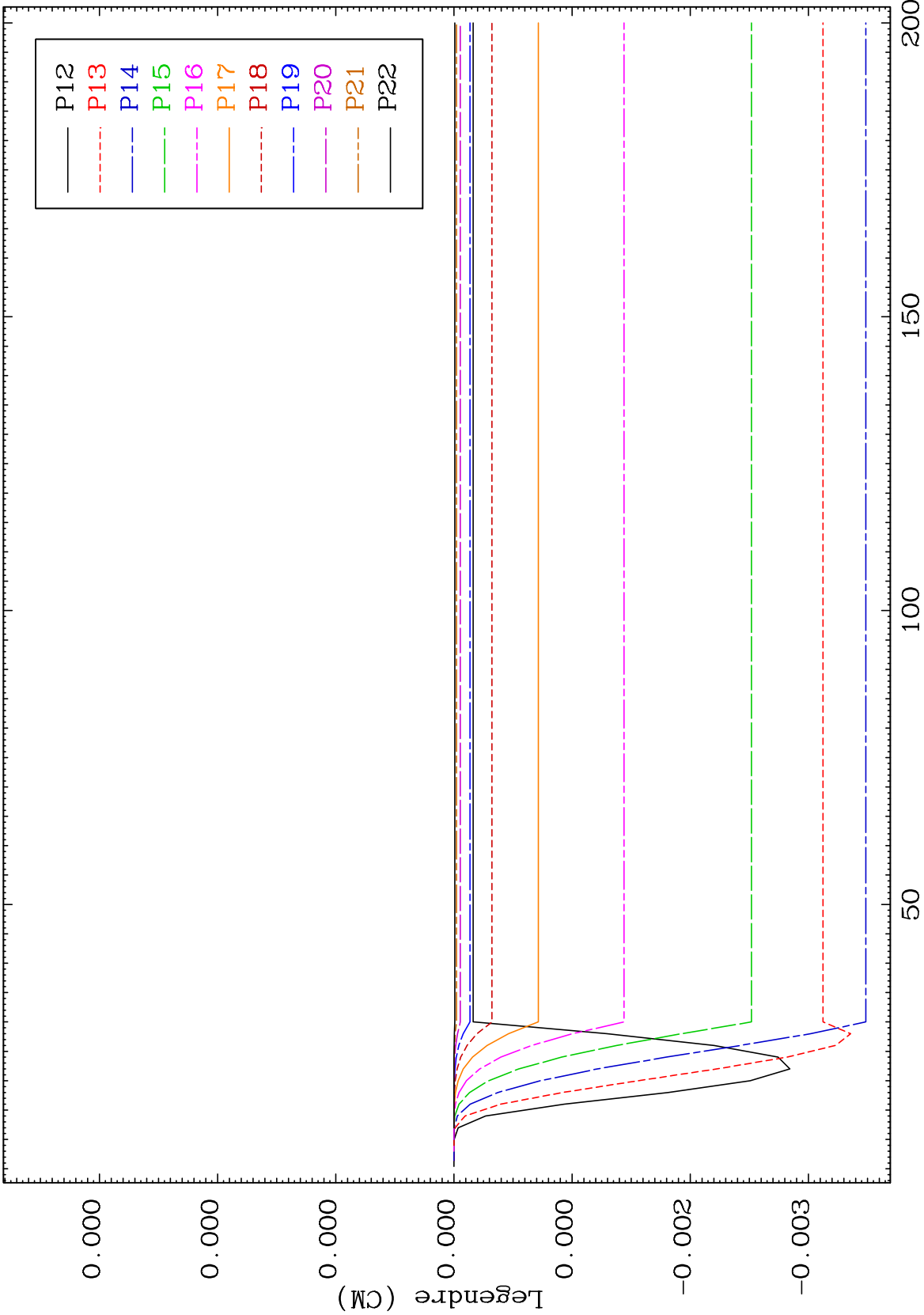
Incident Energy (MeV)

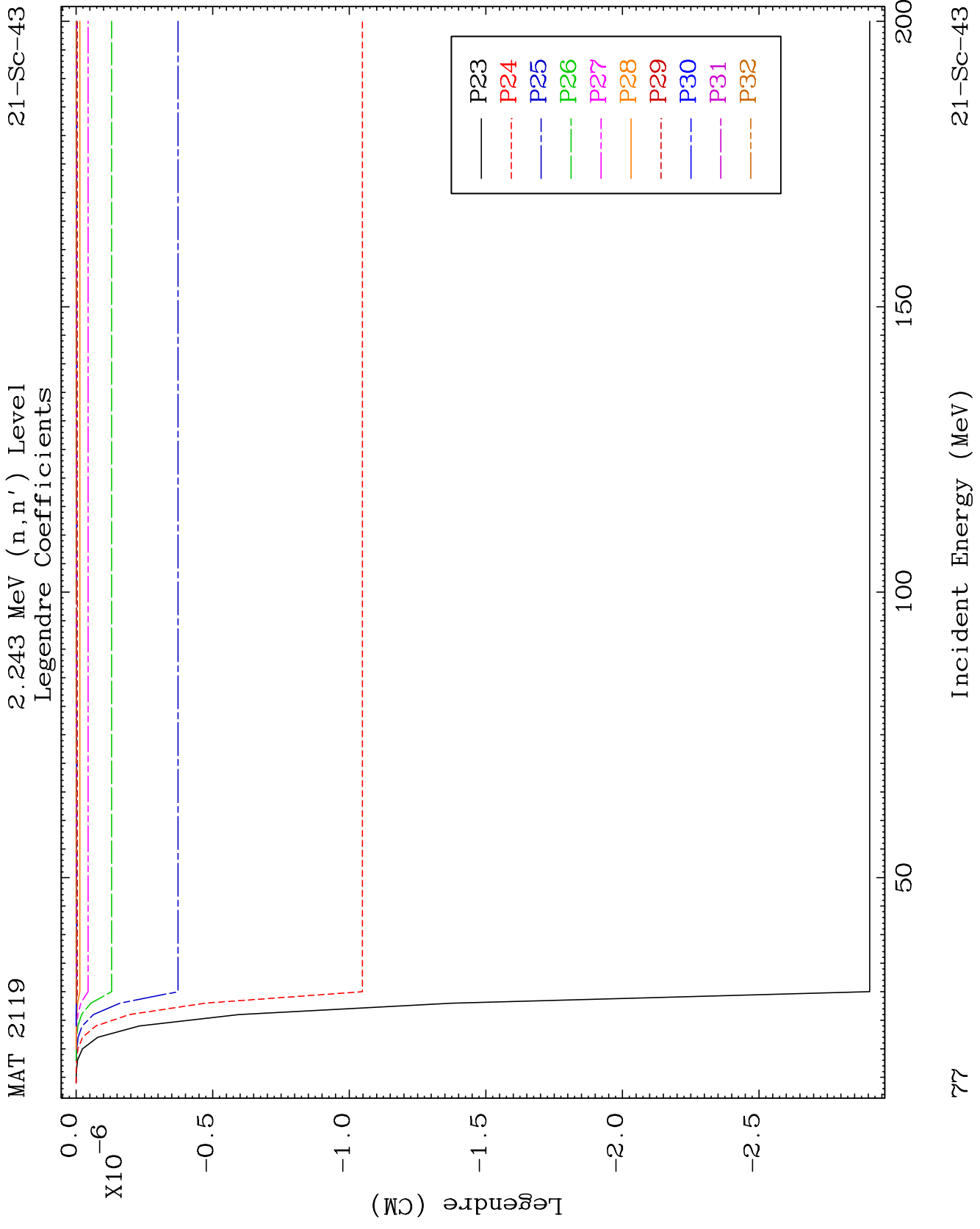
21-Sc-43

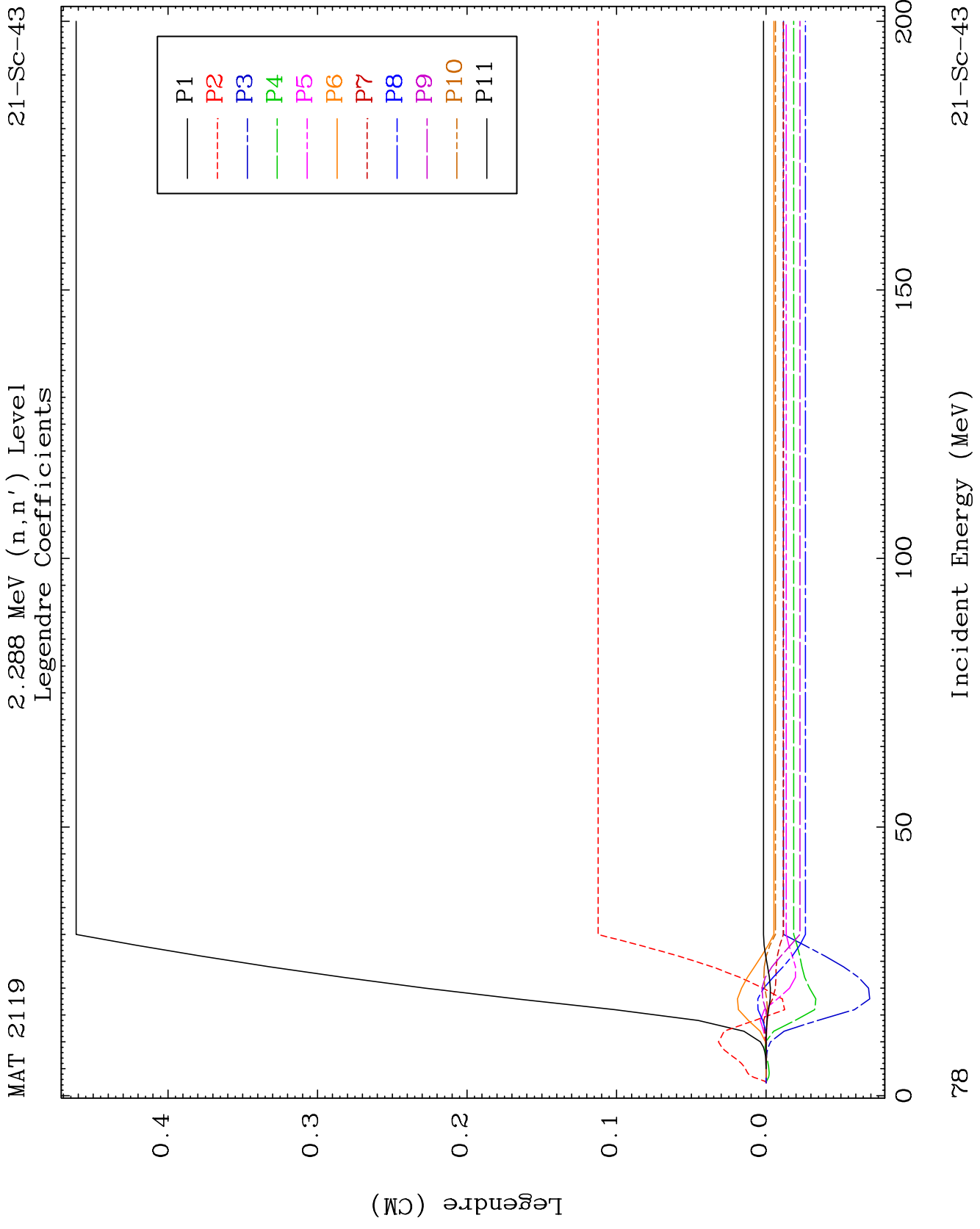
MAT 2119

2.243 MeV (n,n') Level
Legendre Coefficients

21-Sc-43



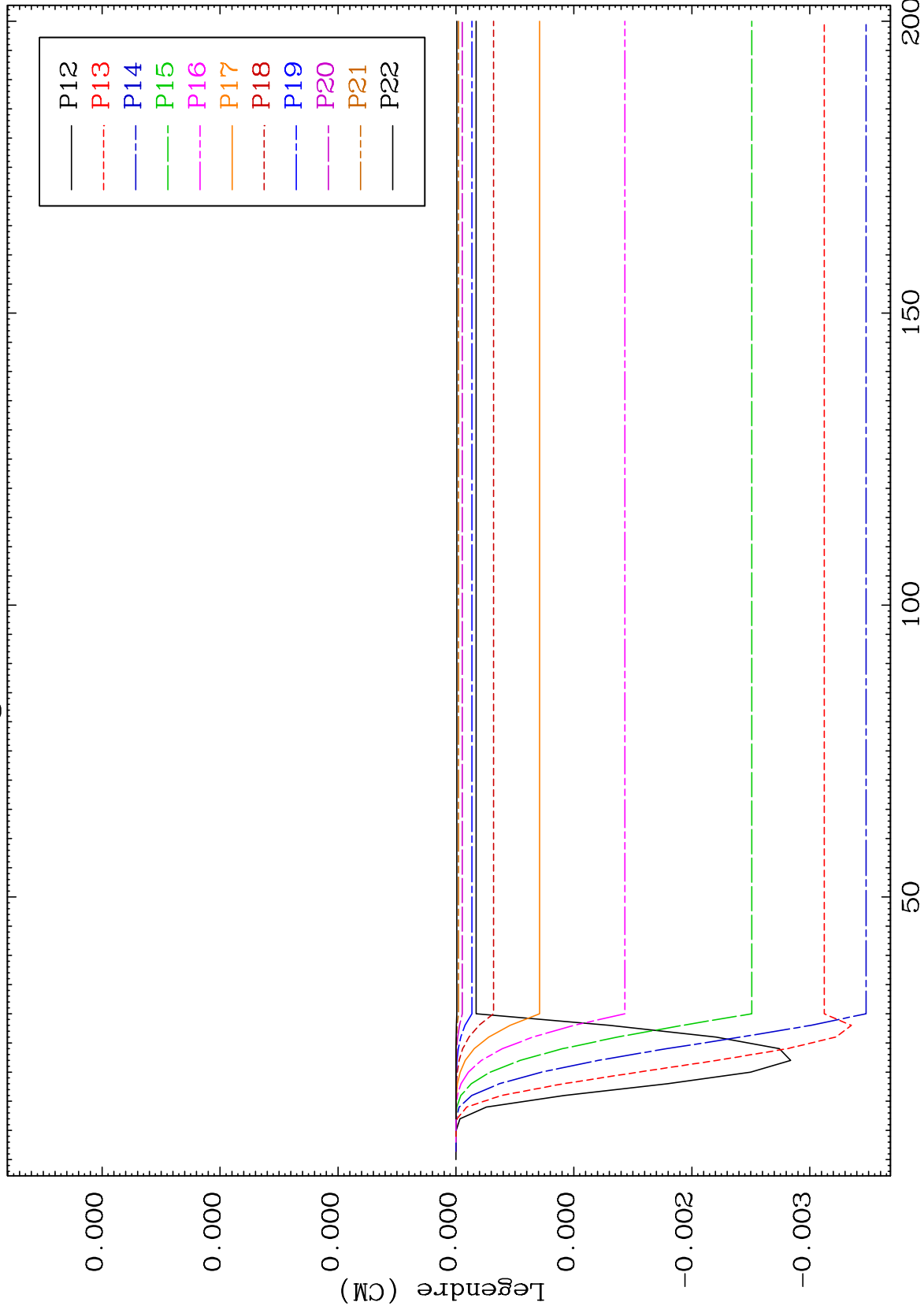




MAT 2119

2.288 MeV (n,n') Level
Legendre Coefficients

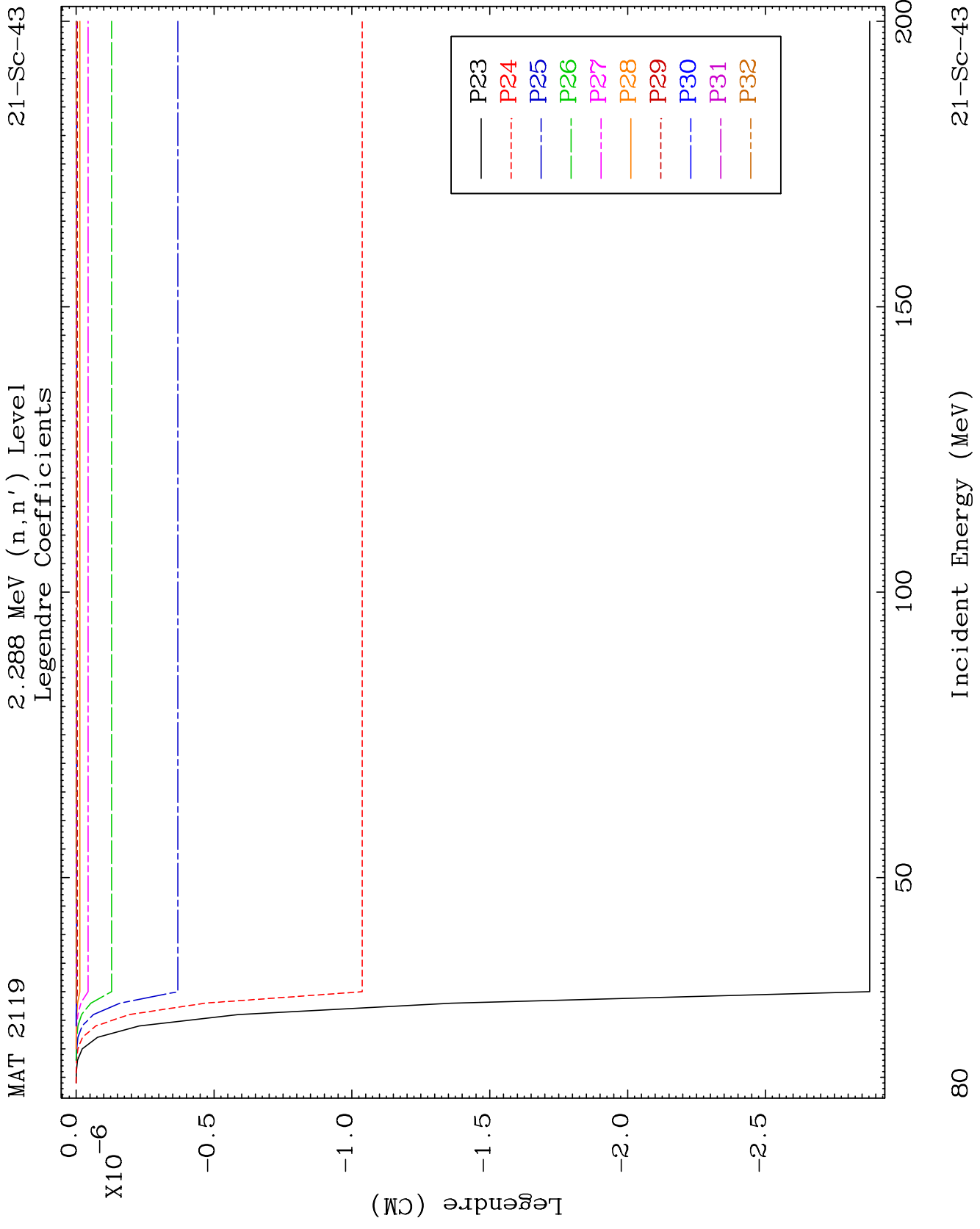
21-Sc-43



79

Incident Energy (MeV)

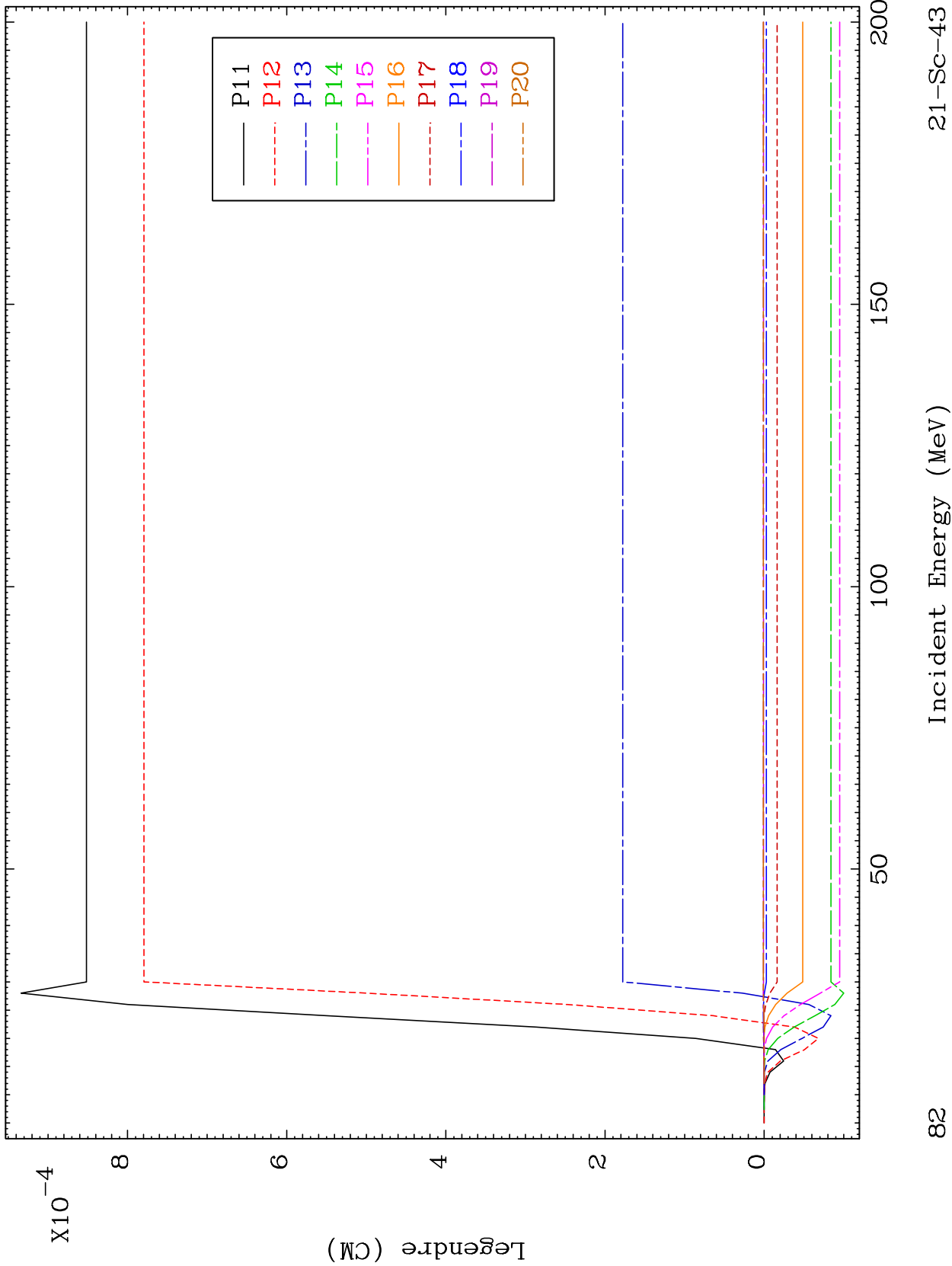
21-Sc-43



MAT 2119

2.335 MeV (n,n') Level
Legendre Coefficients

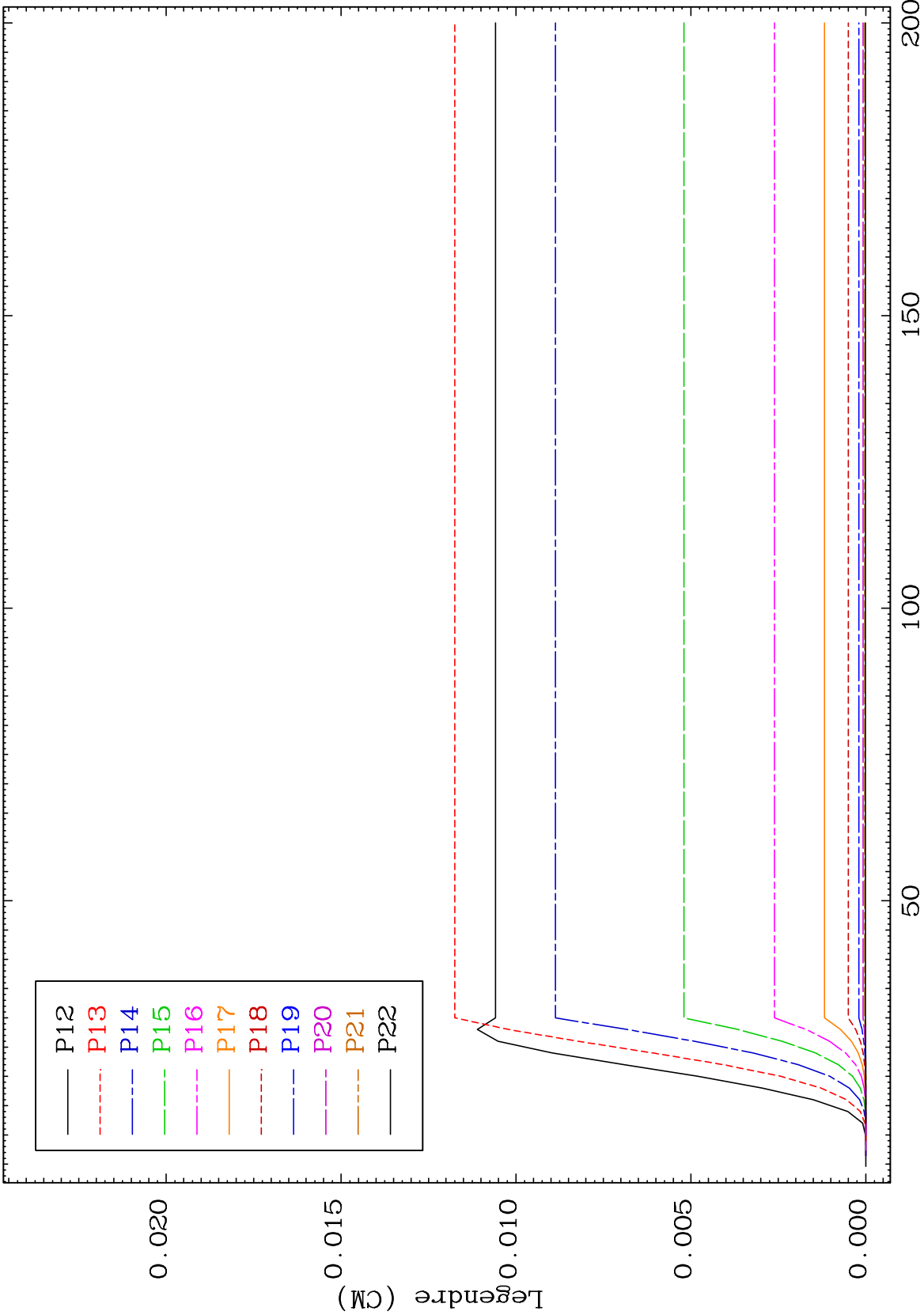
21-Sc-43



82

Incident Energy (MeV)

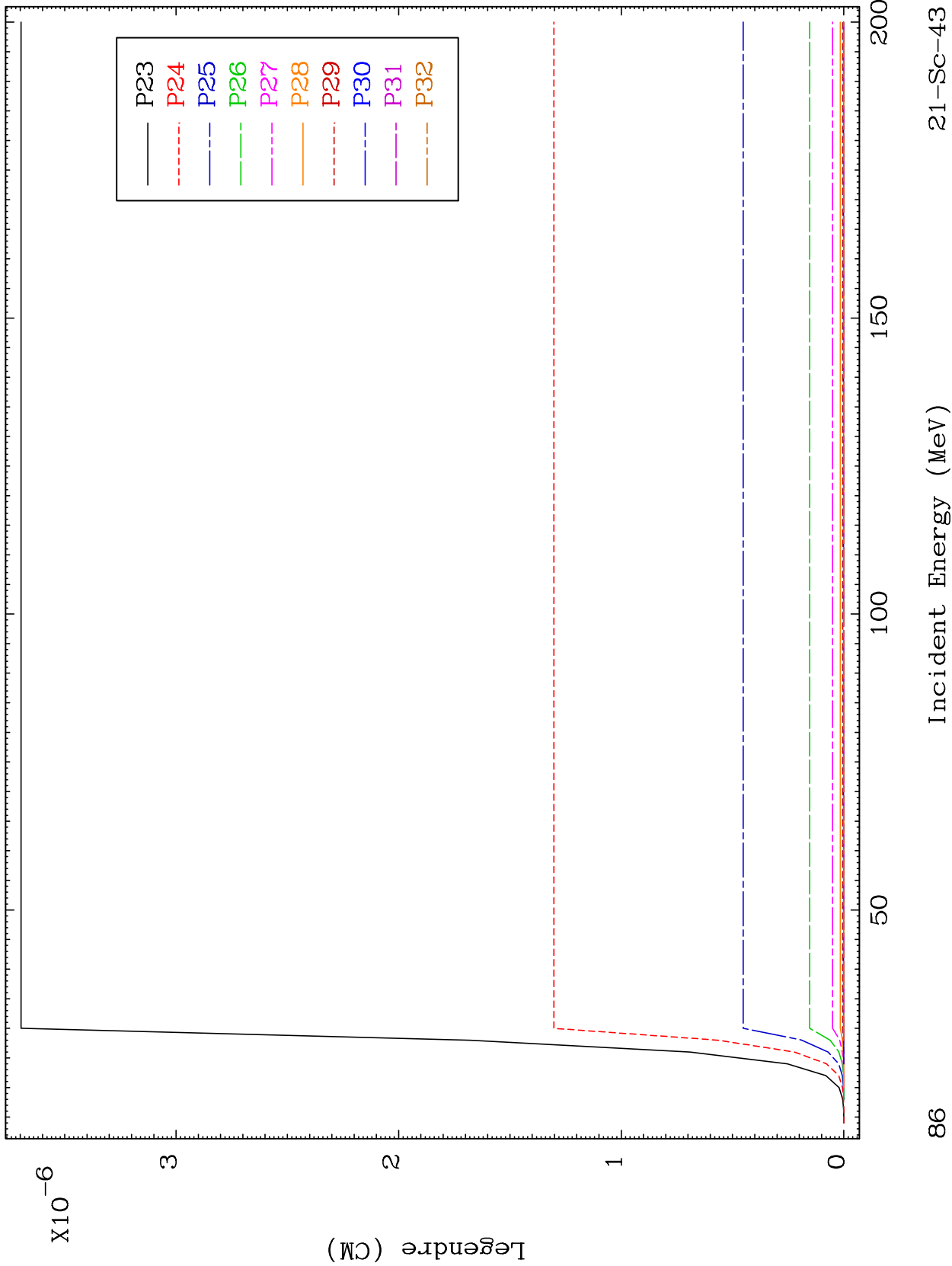
21-Sc-43



MAT 2119

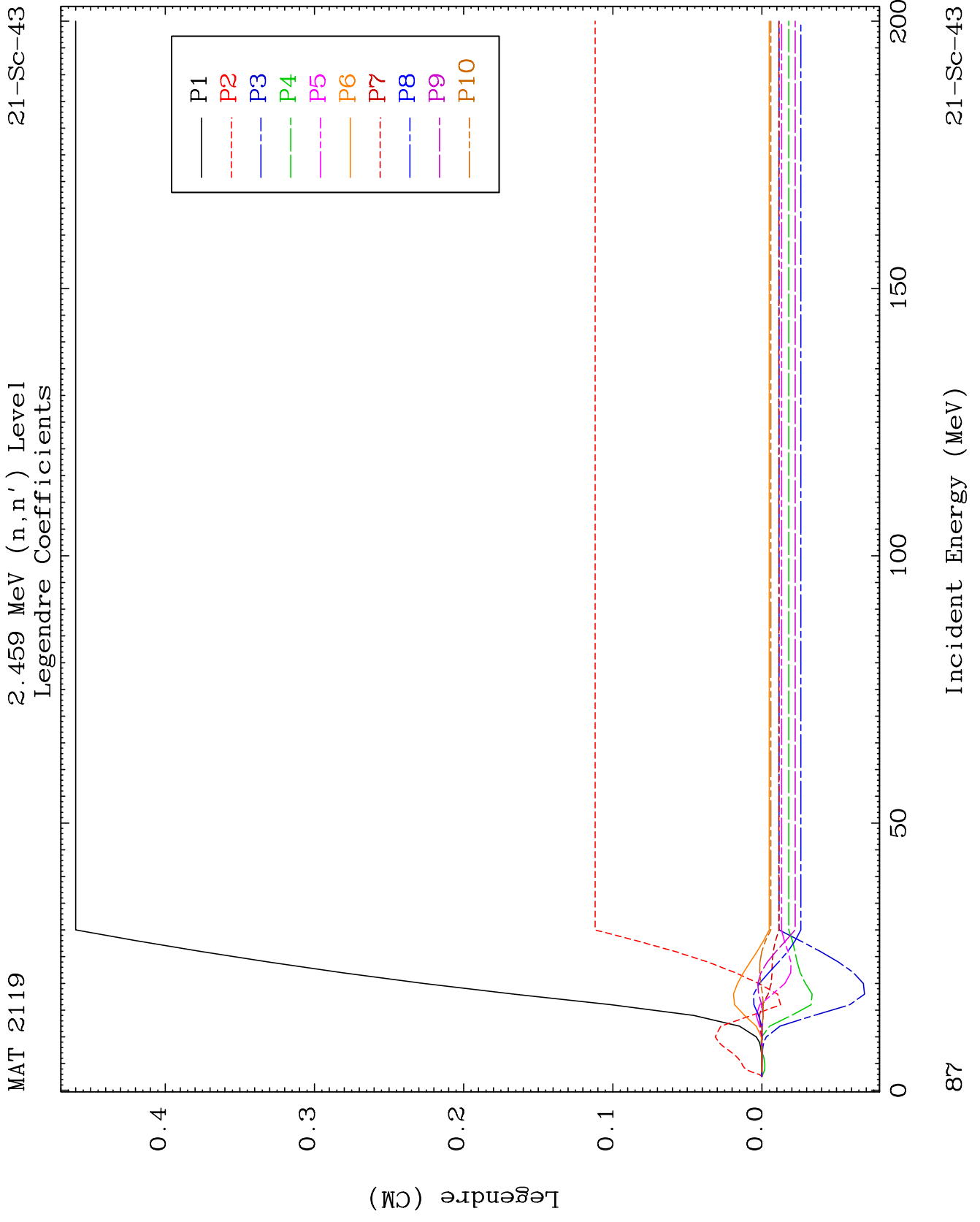
2.383 MeV (n,n') Level
Legendre Coefficients

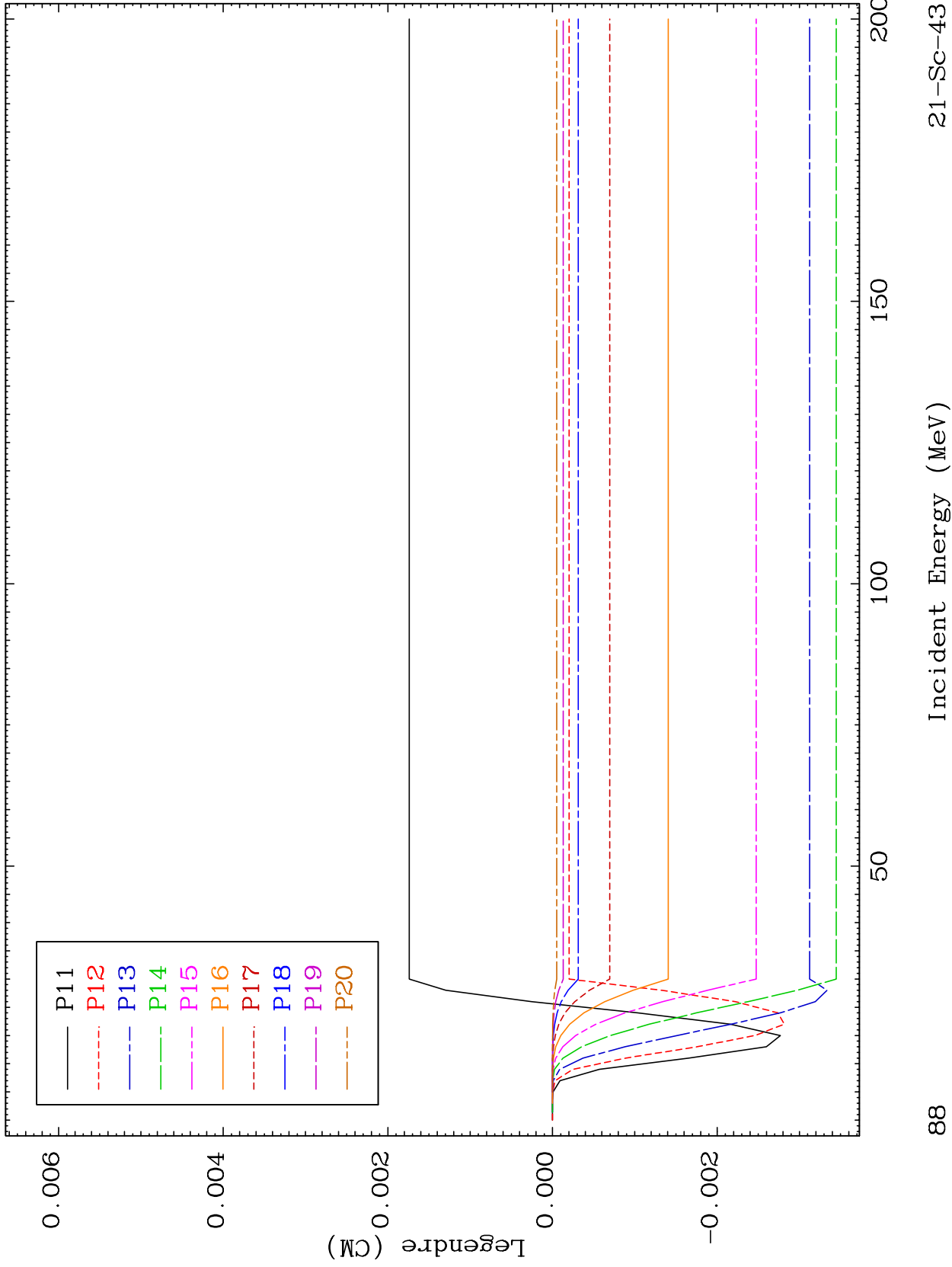
21-Sc-43

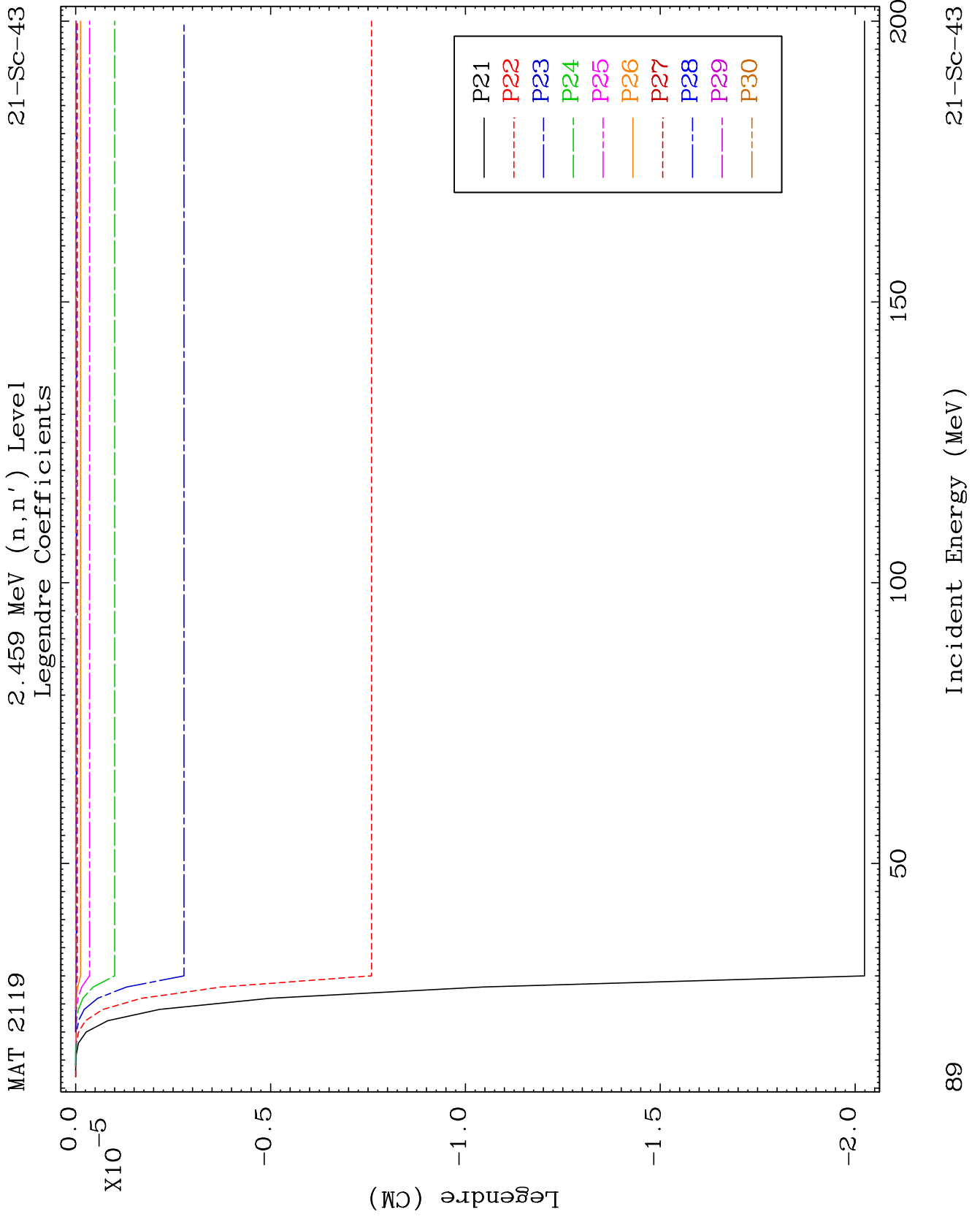


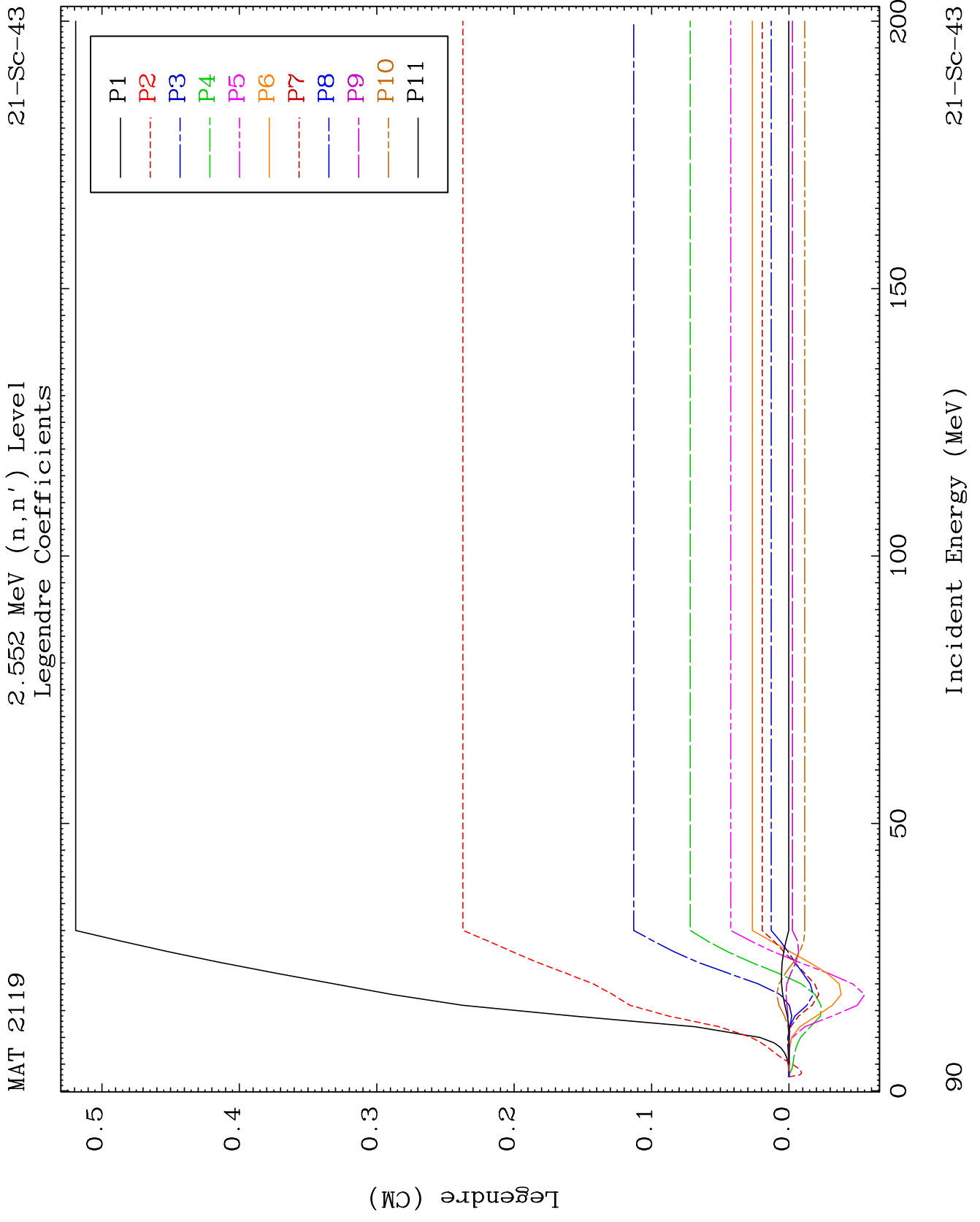
86

21-Sc-43





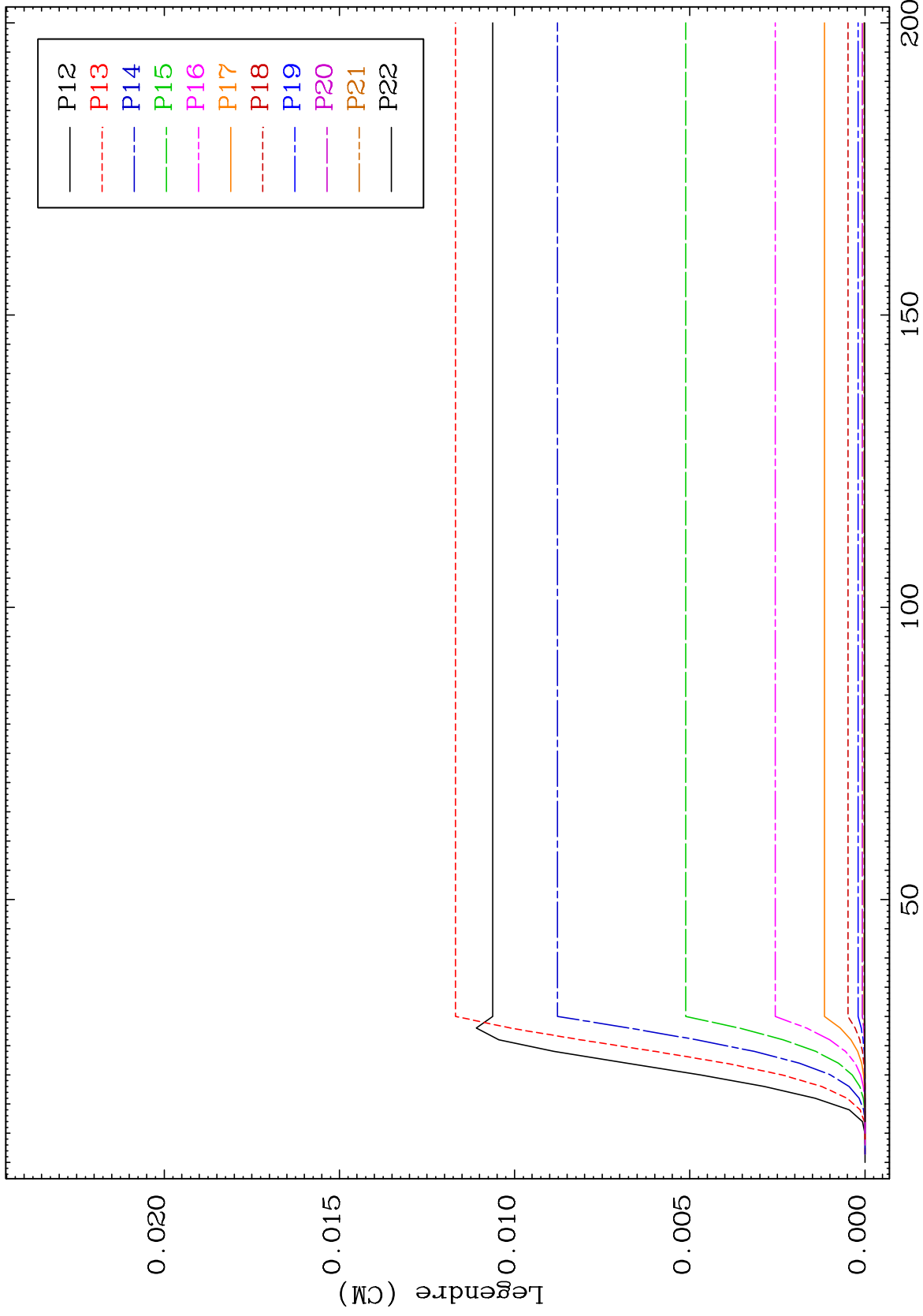


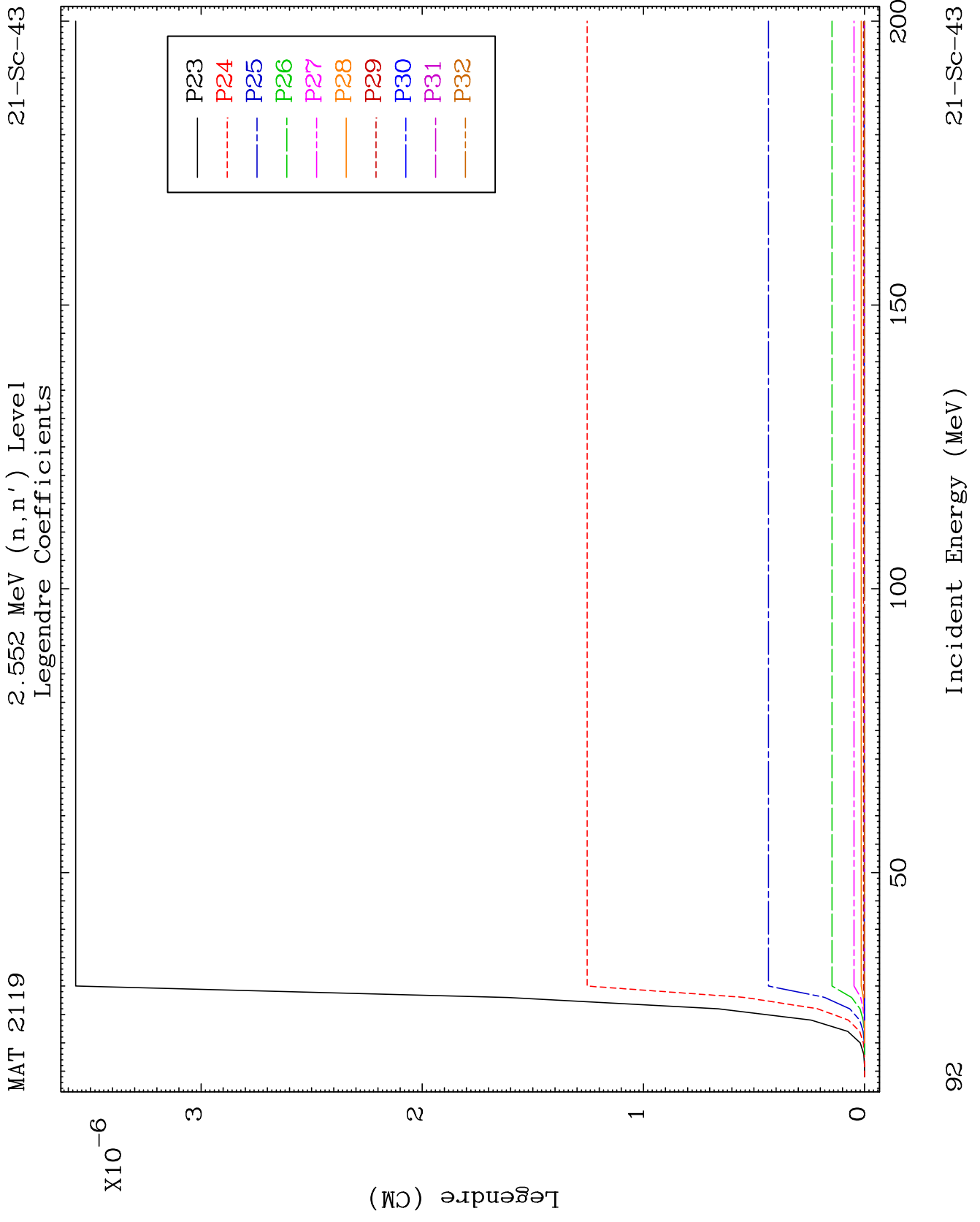


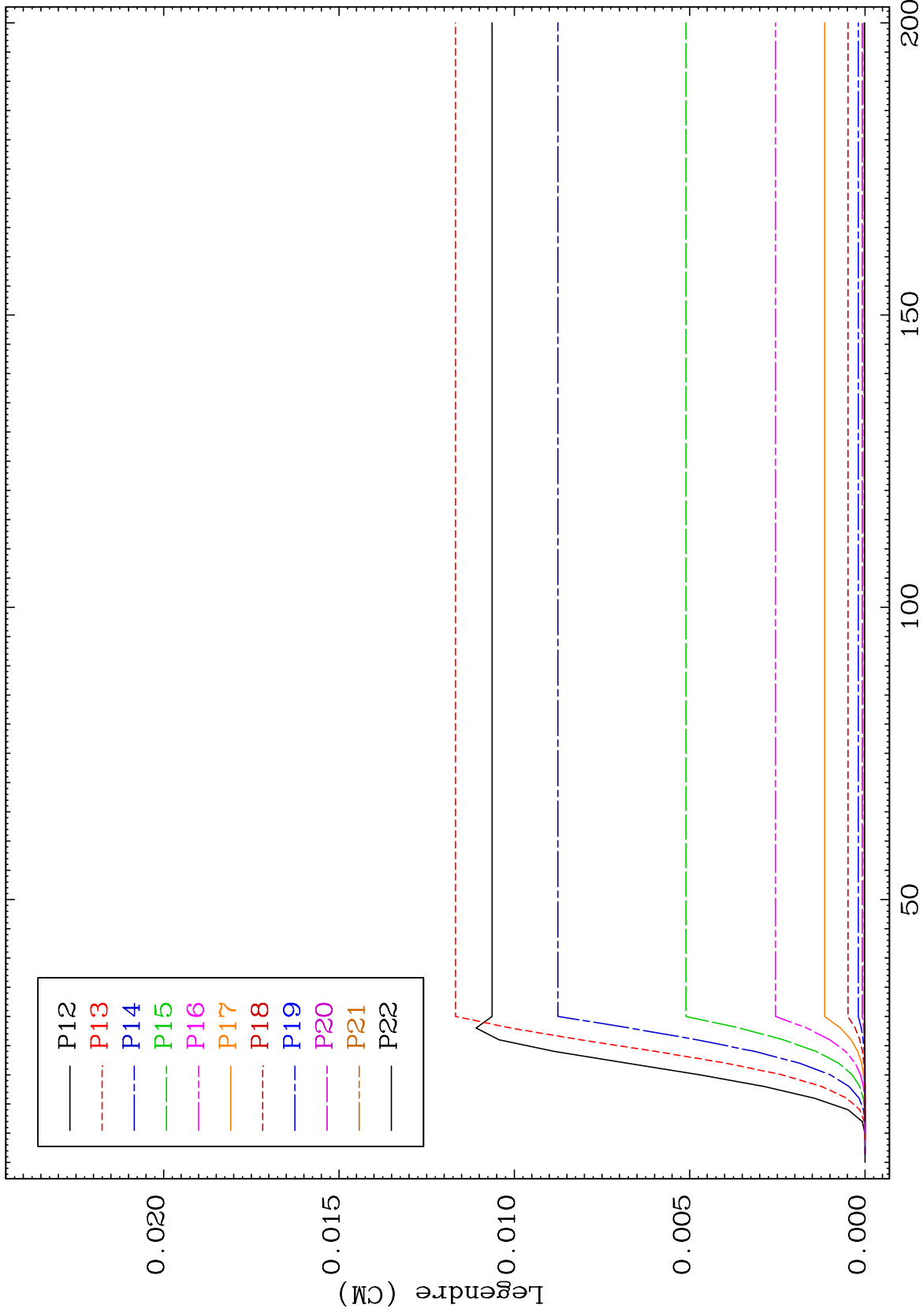
MAT 2119

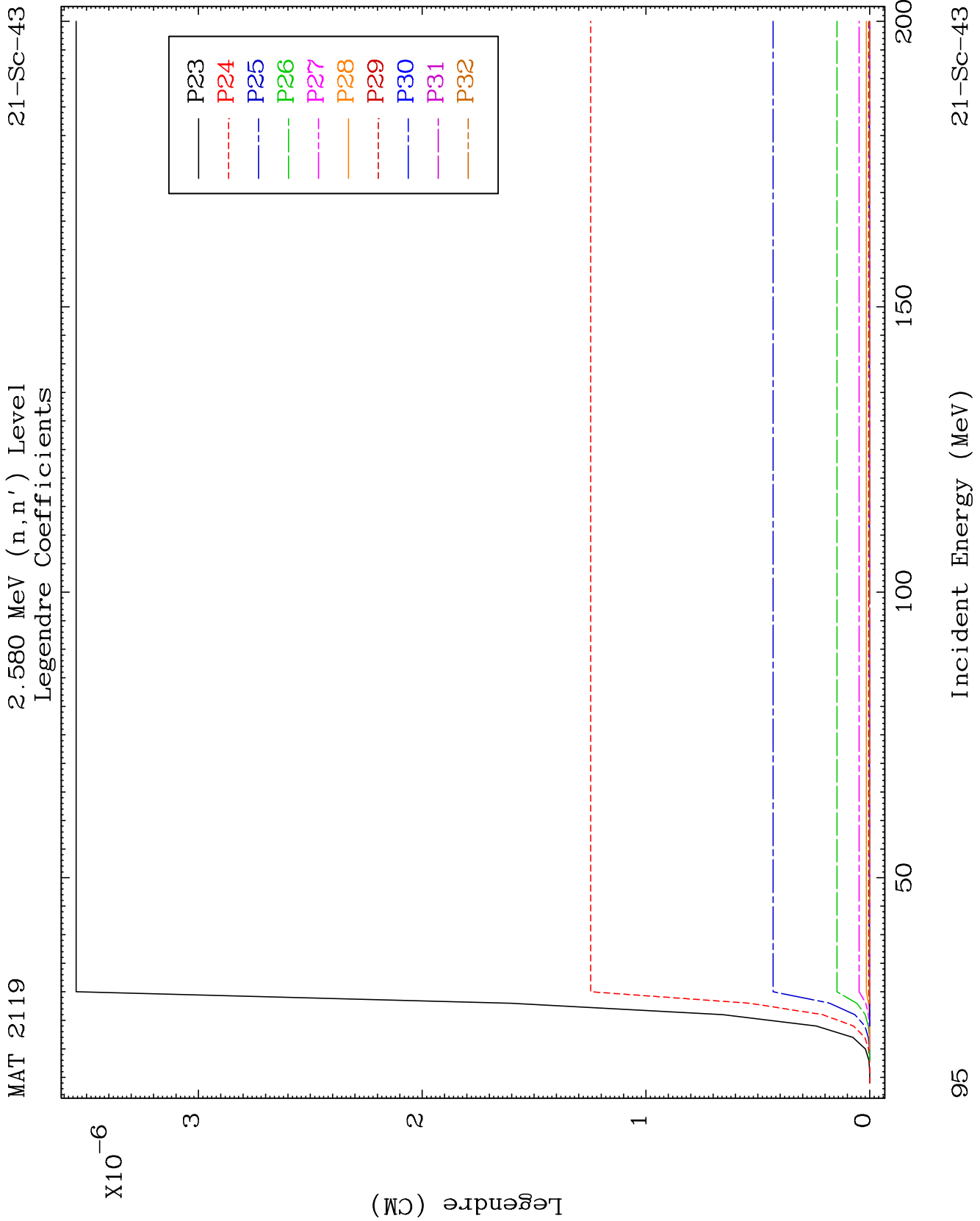
2.552 MeV (n,n') Level
Legendre Coefficients

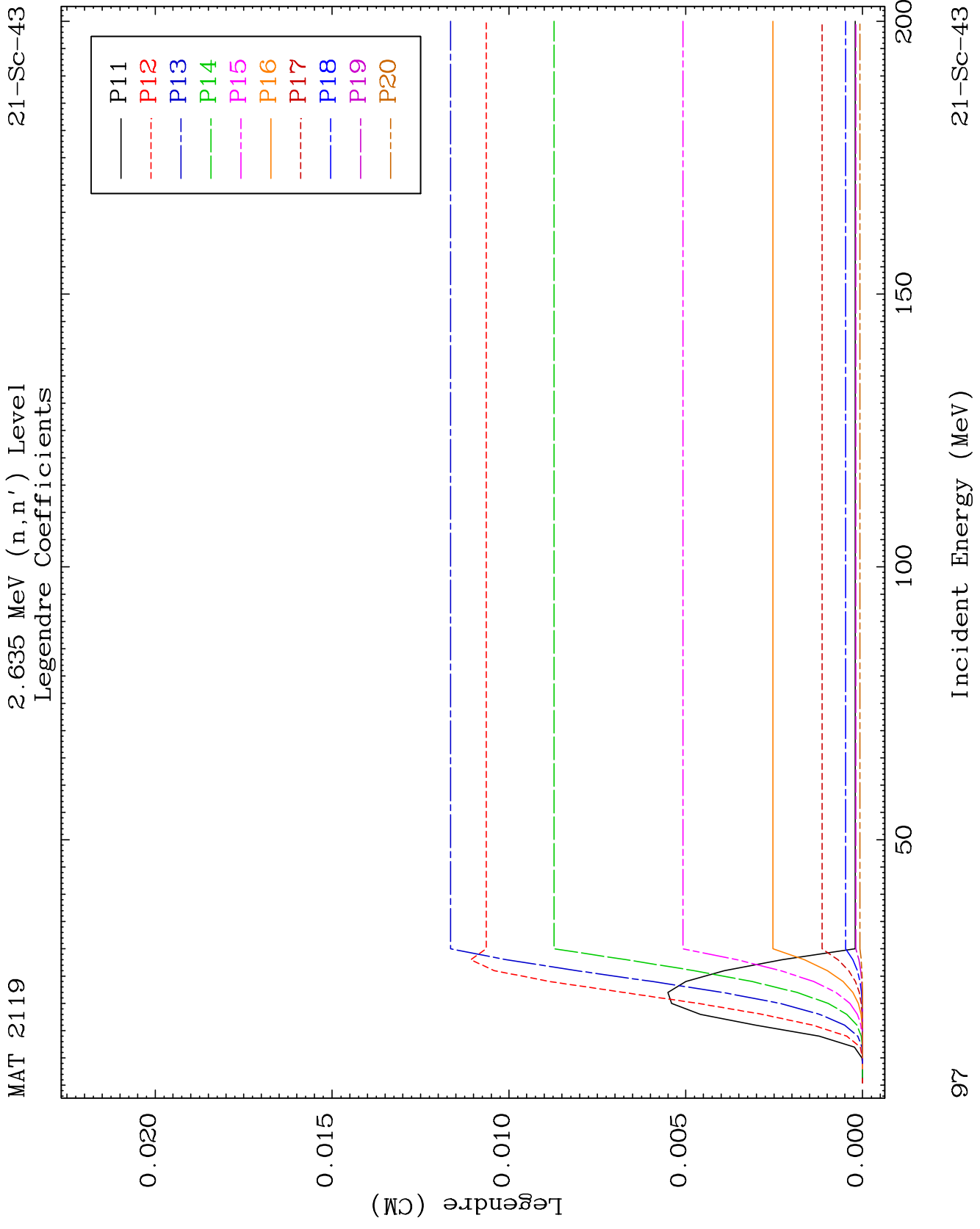
21-Sc-43







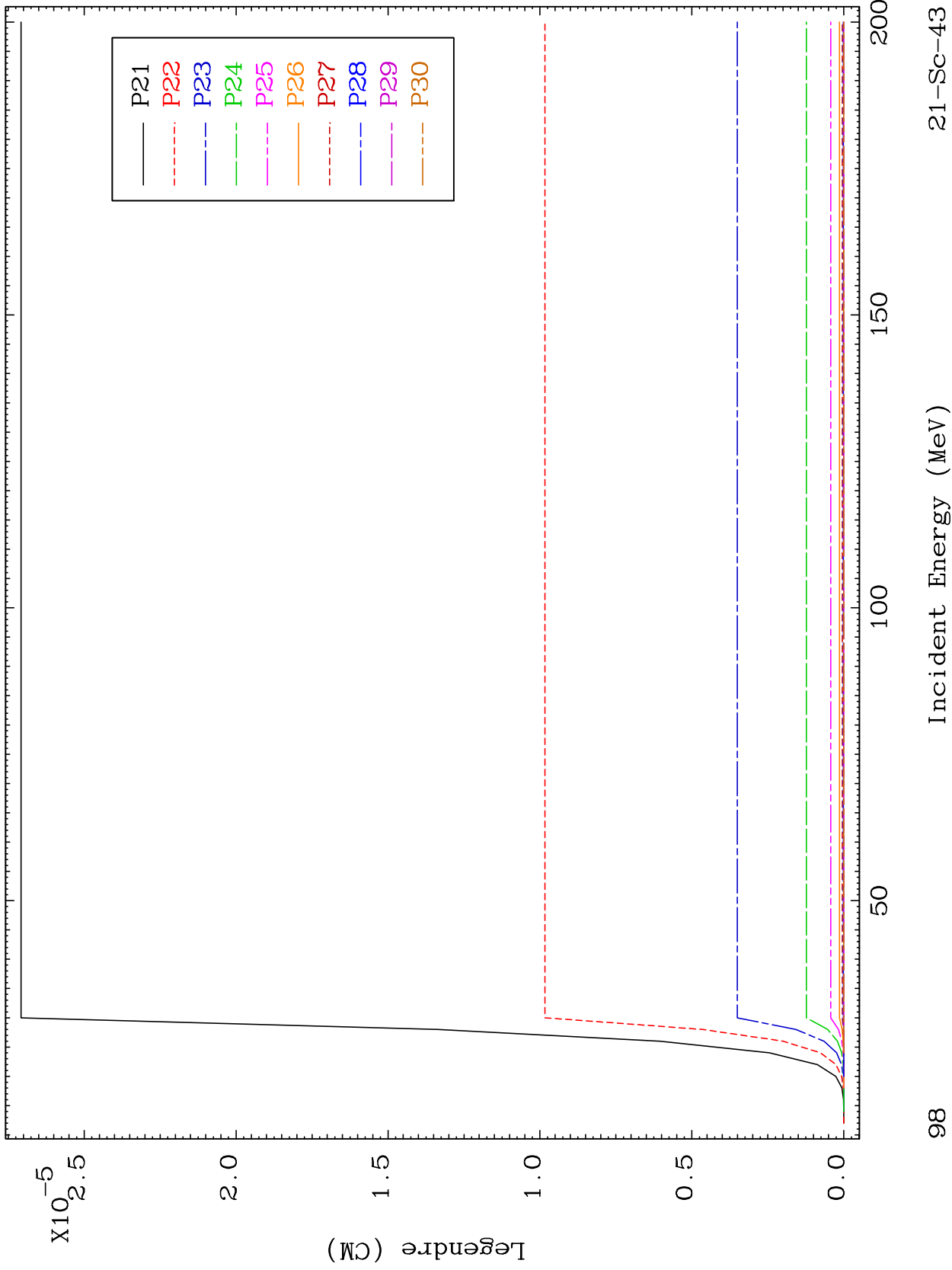


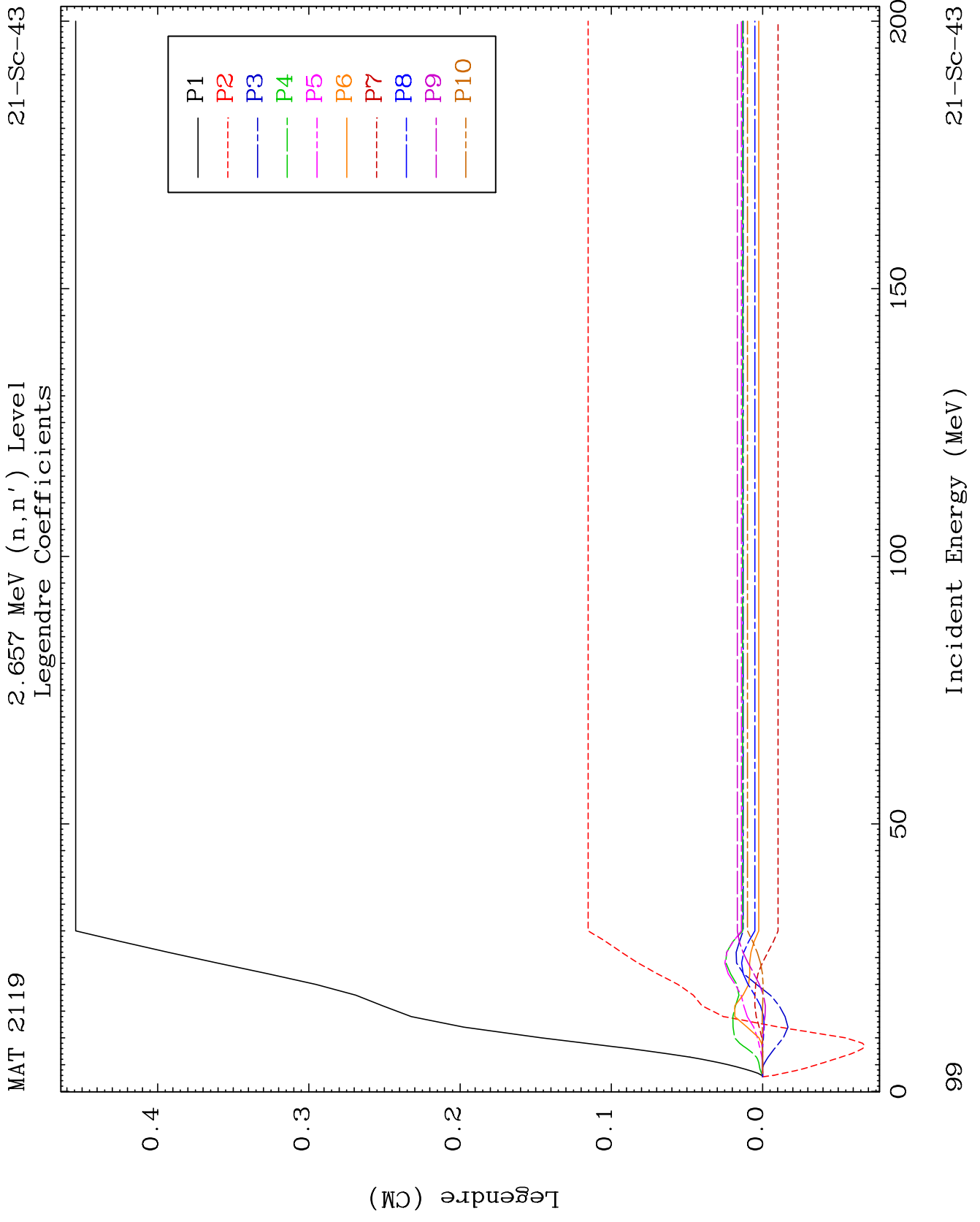


MAT 2119

2.635 MeV (n,n') Level
Legendre Coefficients

21-Sc-43

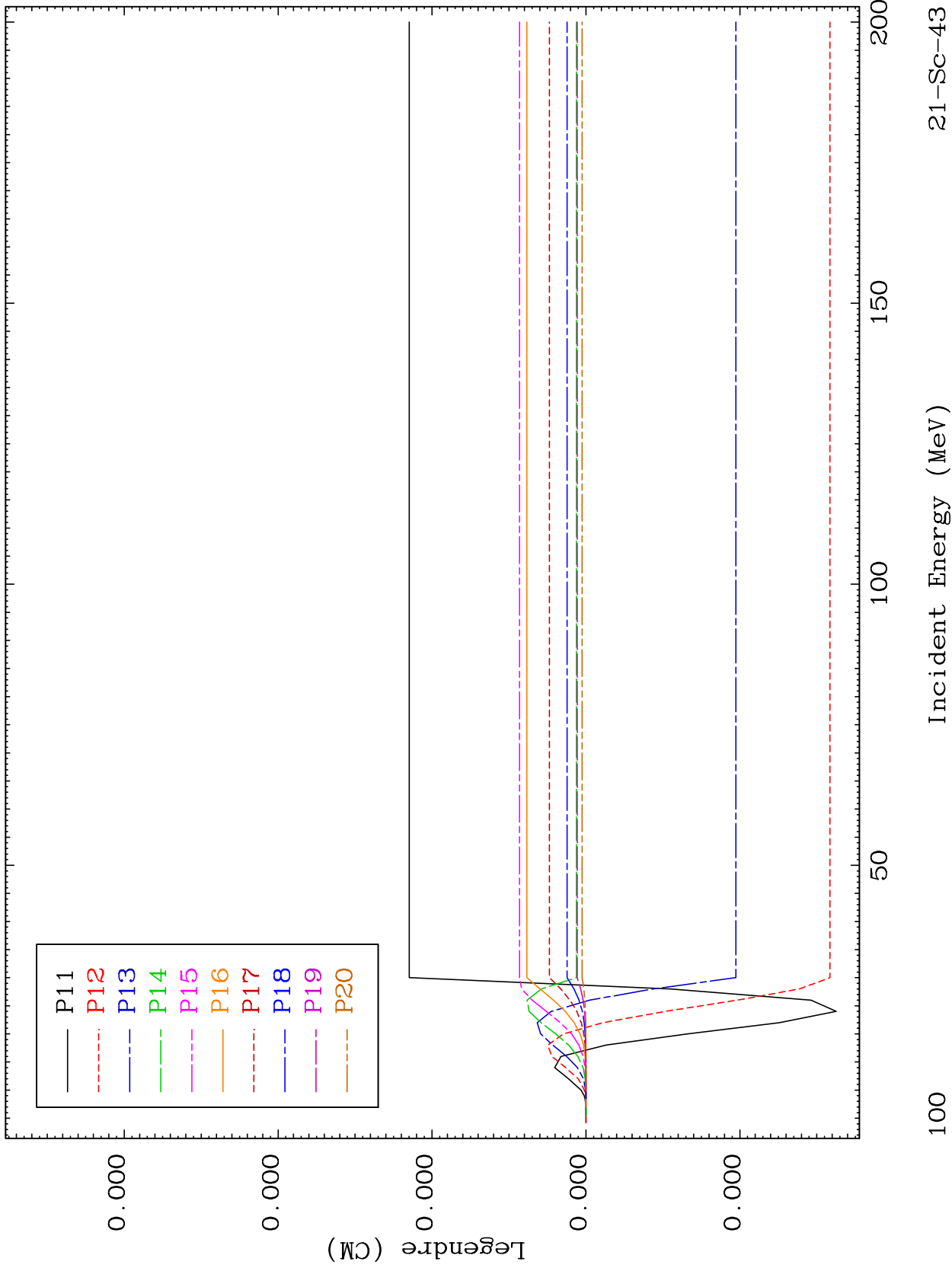




MAT 2119

2.657 MeV (n,n') Level
Legendre Coefficients

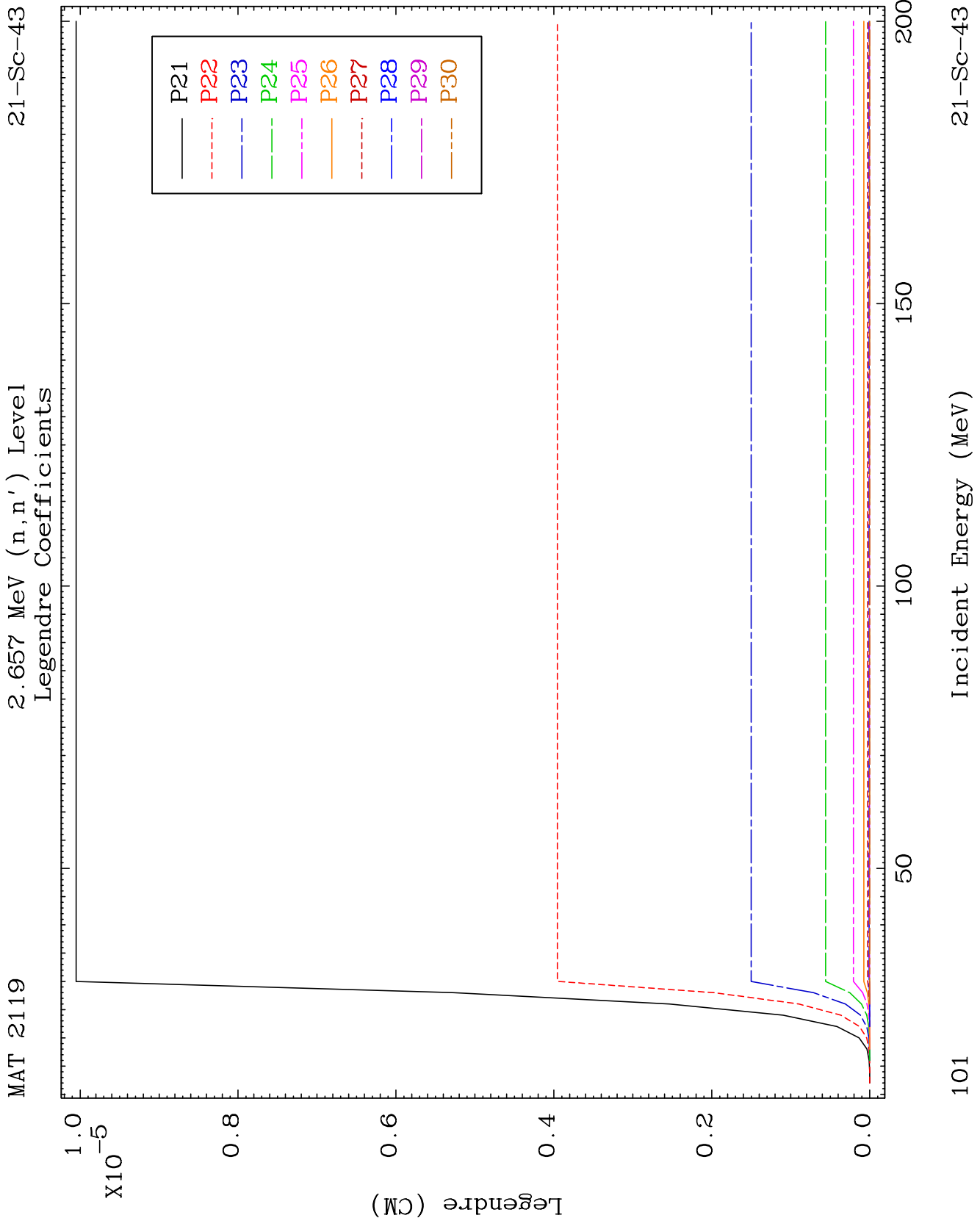
21-Sc-43



100

Incident Energy (MeV)

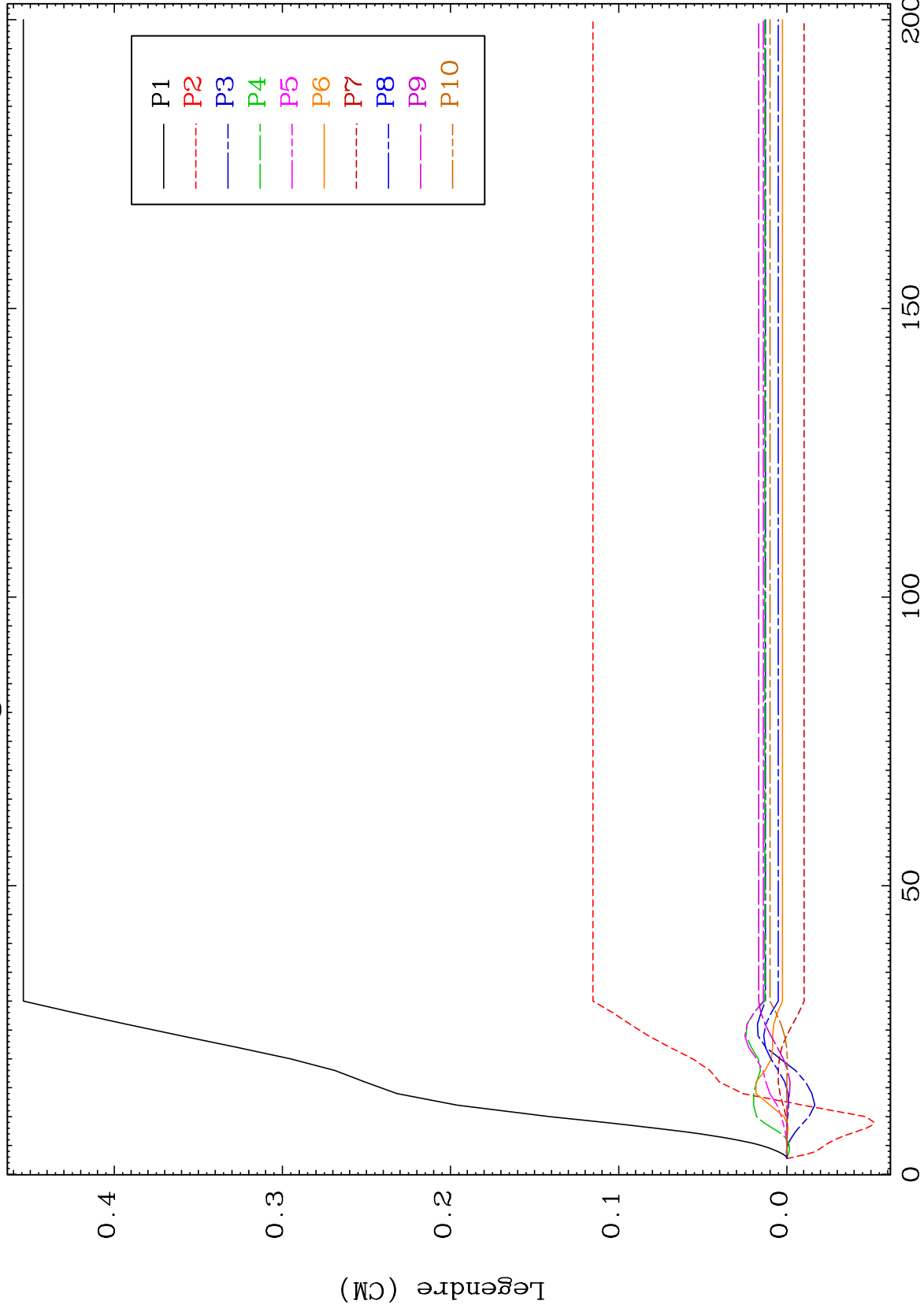
21-Sc-43



MAT 2119

2.670 MeV (n,n') Level
Legendre Coefficients

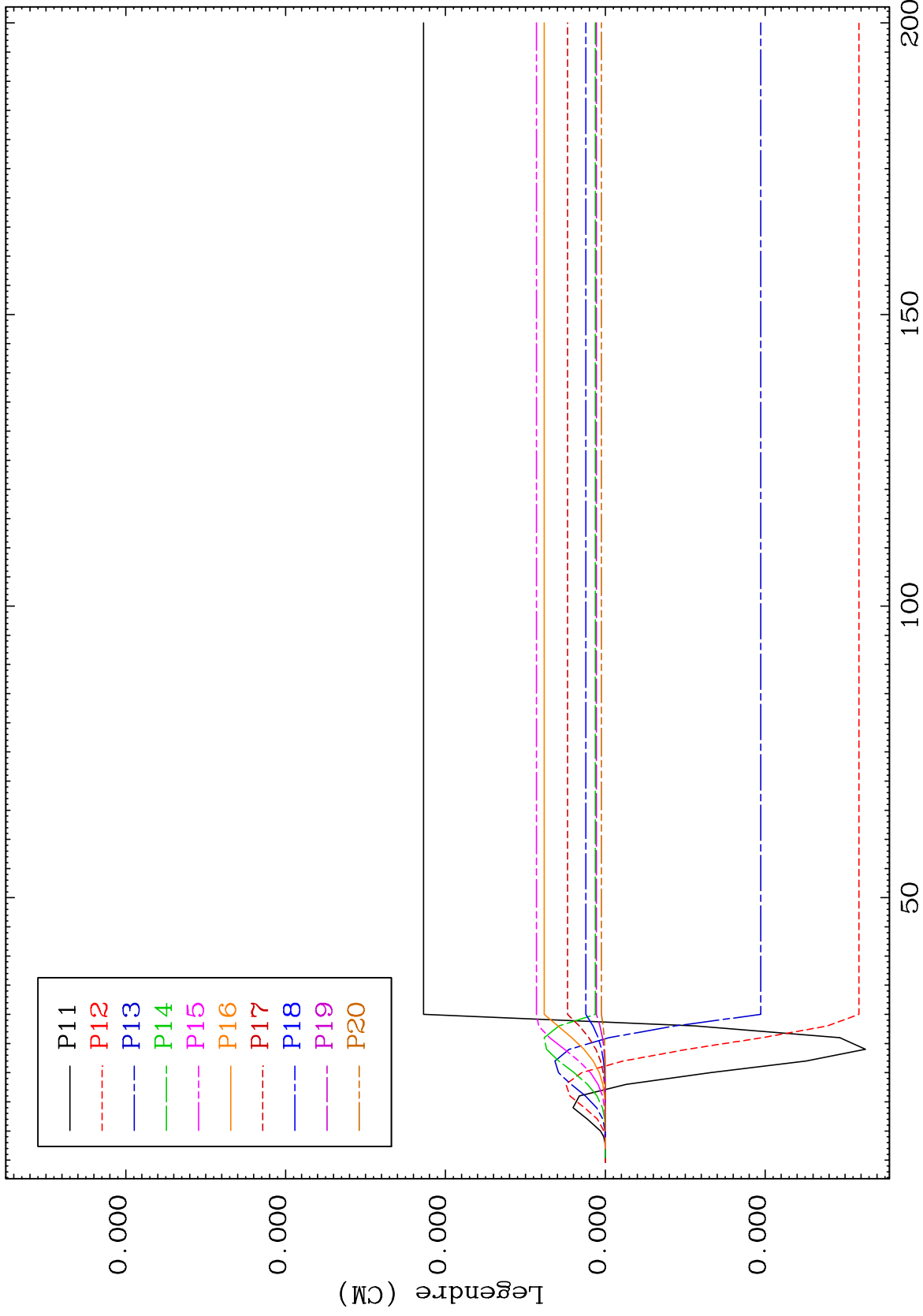
21-Sc-43

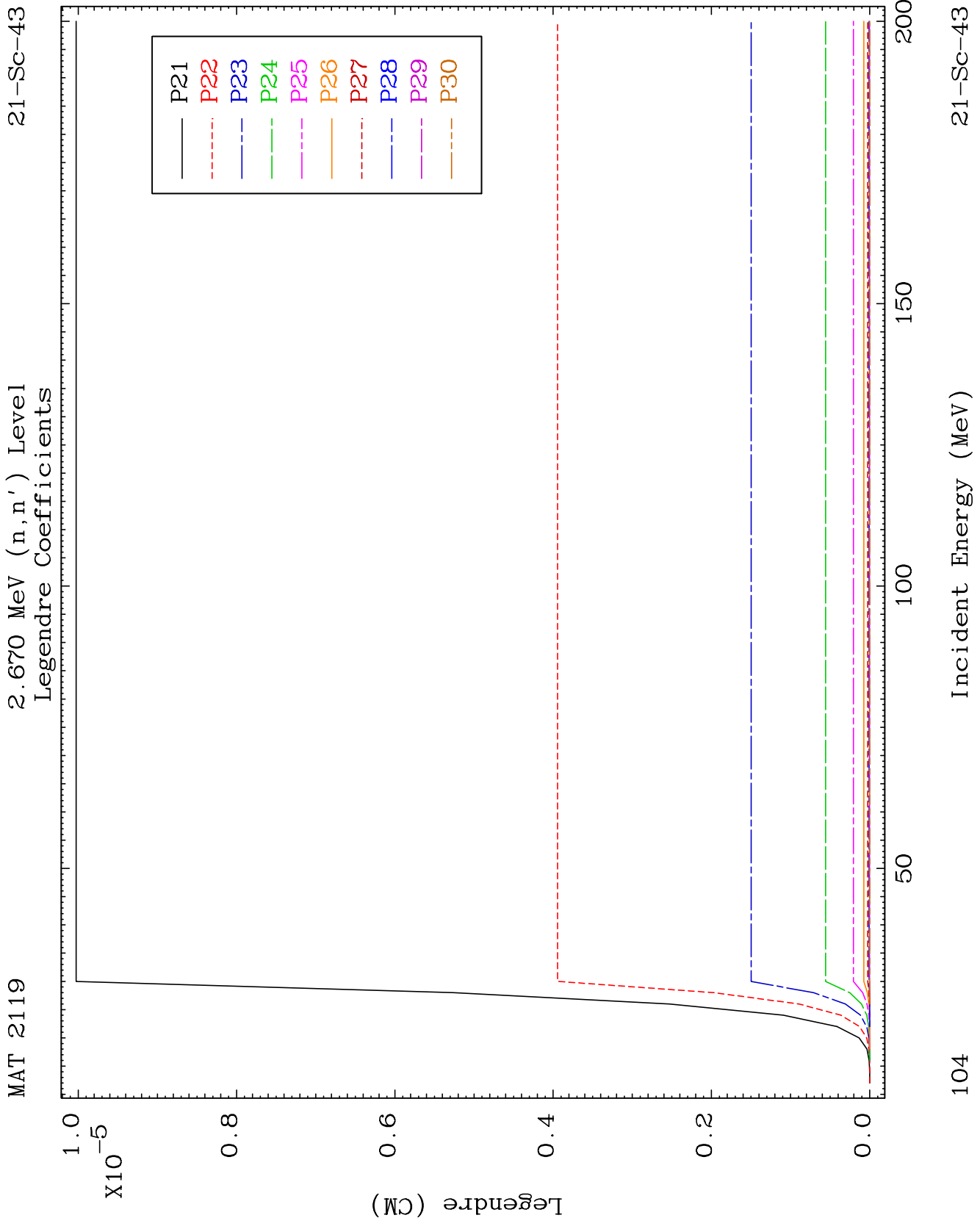


102

Incident Energy (MeV)

21-Sc-43

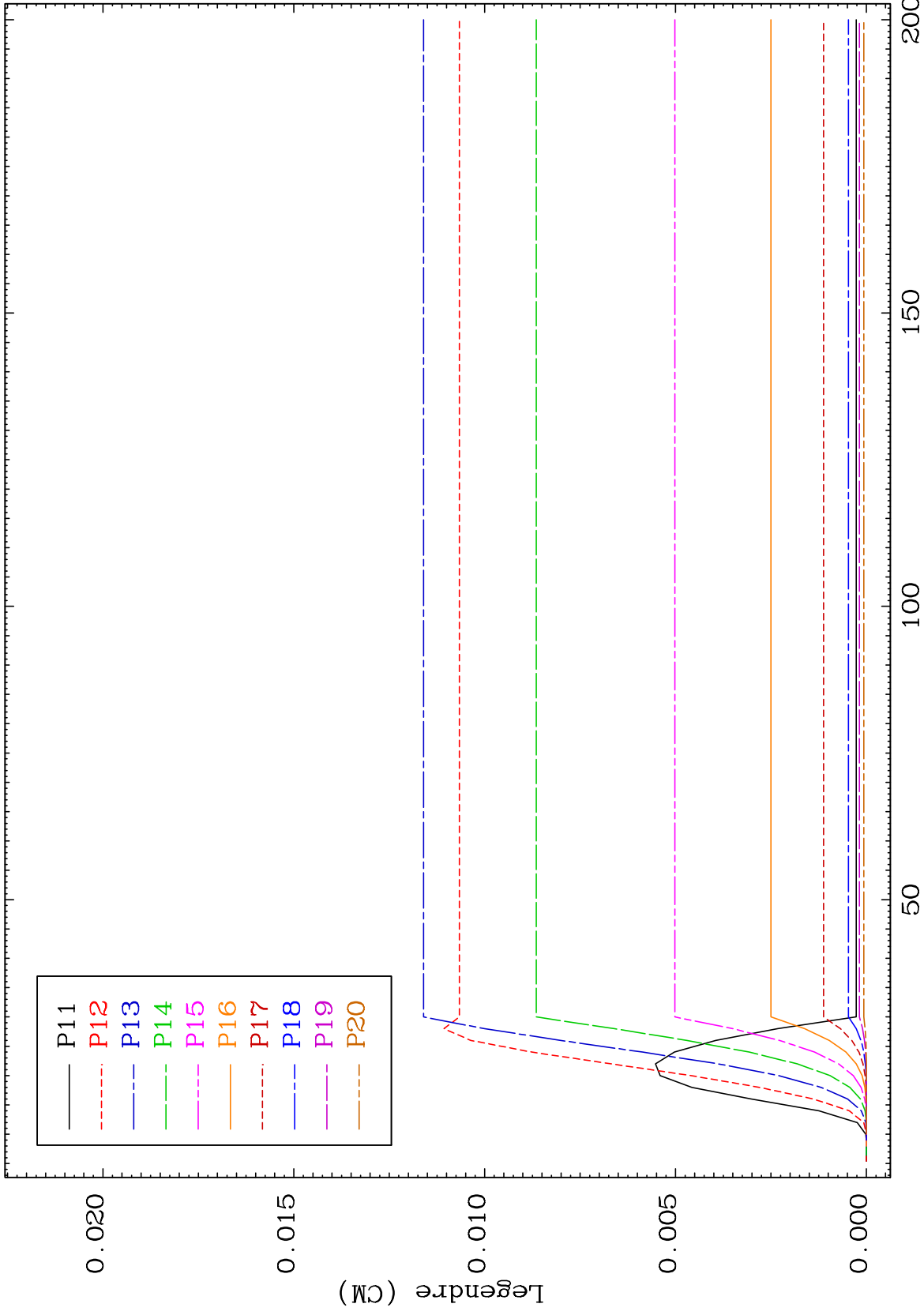




MAT 2119

2.760 MeV (n,n') Level
Legendre Coefficients

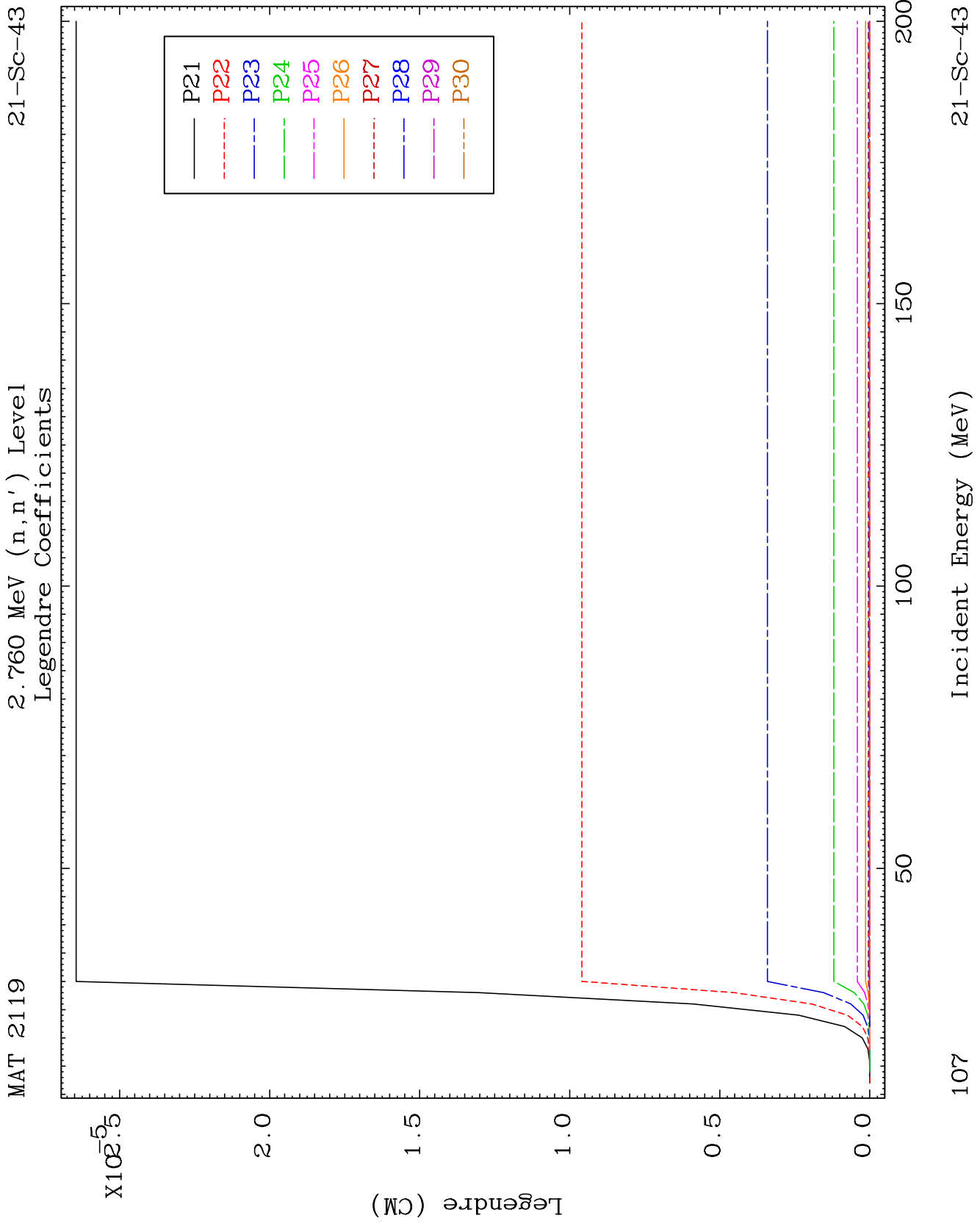
21-Sc-43



106

Incident Energy (MeV)

21-Sc-43

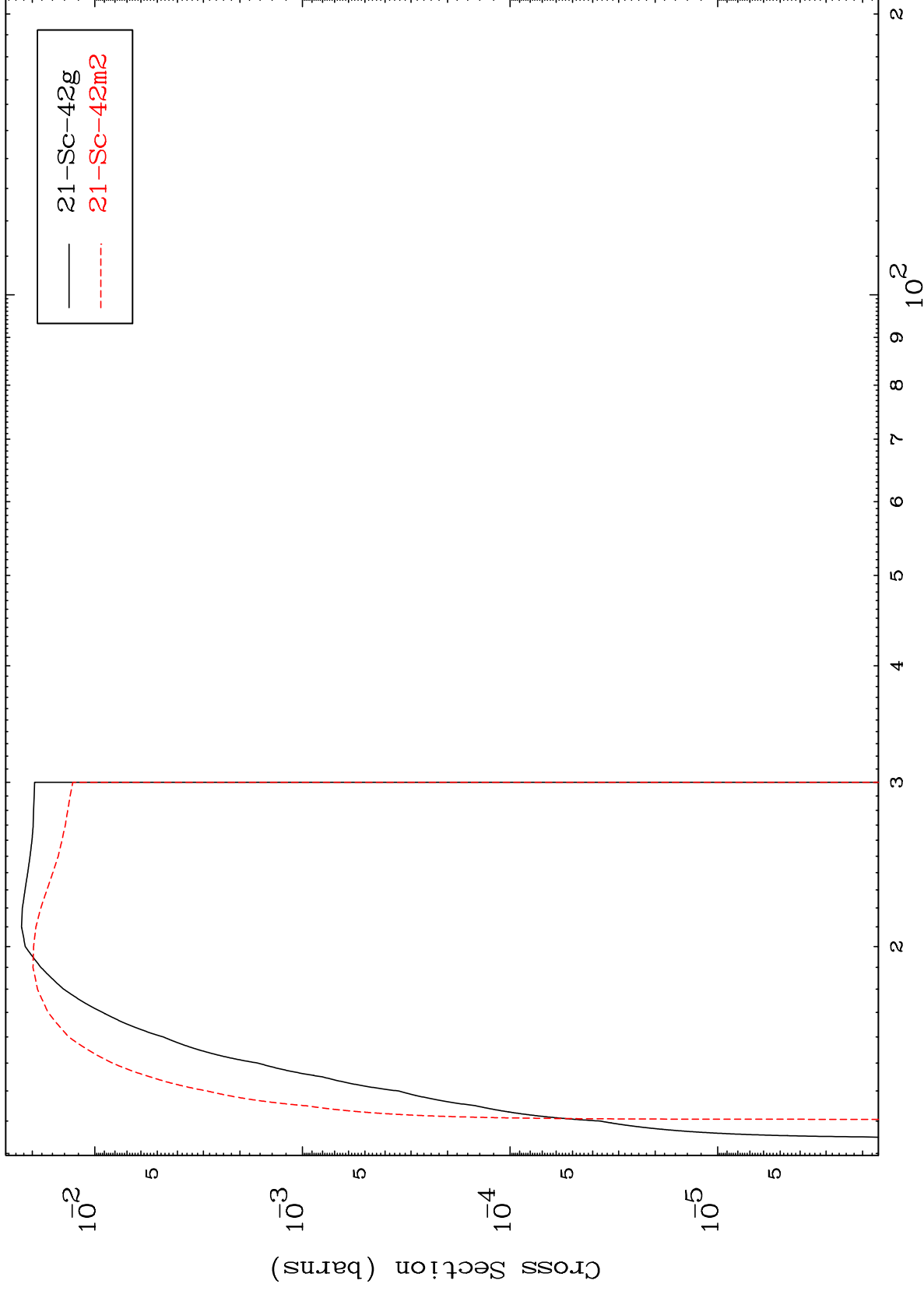


MAT 2119

(n,2n)

21-Sc-43

Radionuclide Production Cross Section



108

Incident Energy (MeV)

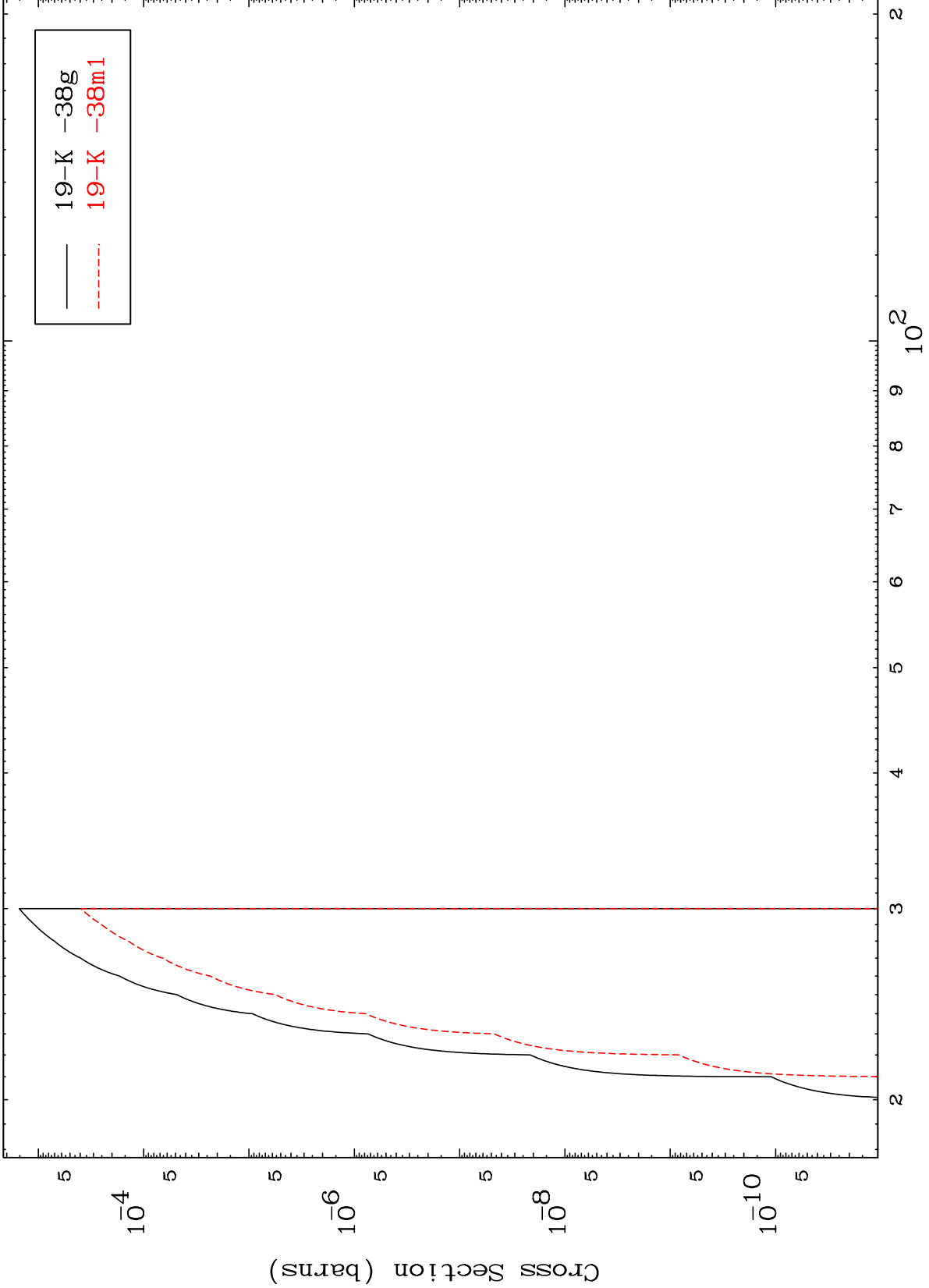
21-Sc-43

MAT 2119

(n,2n) α

21-Sc-43

Radionuclide Production Cross Section



109

Incident Energy (MeV)

21-Sc-43

(n, γ)
Radionuclide Production Cross Section

