

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

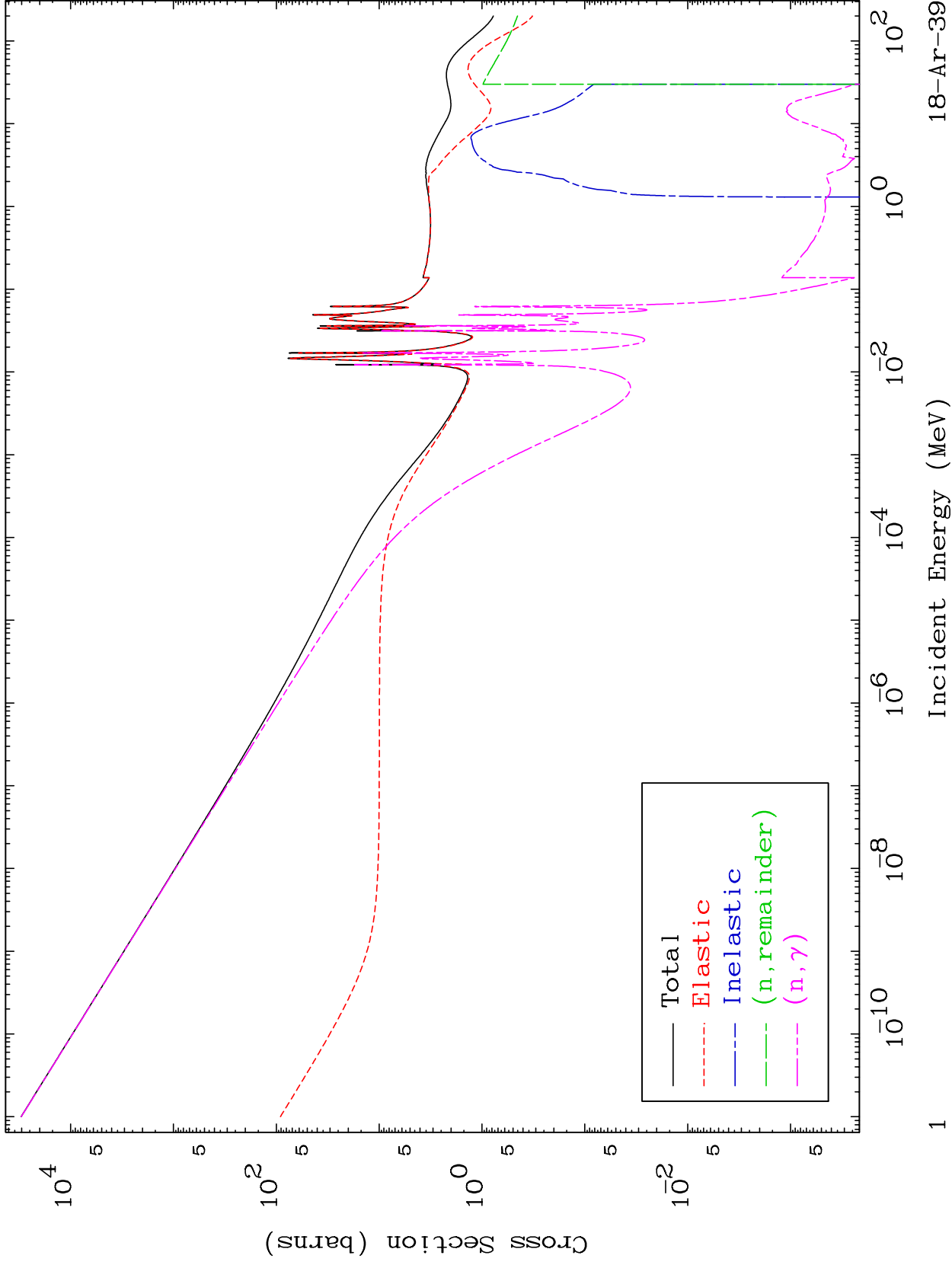
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 1834

Major
293 Kelvin Cross Sections

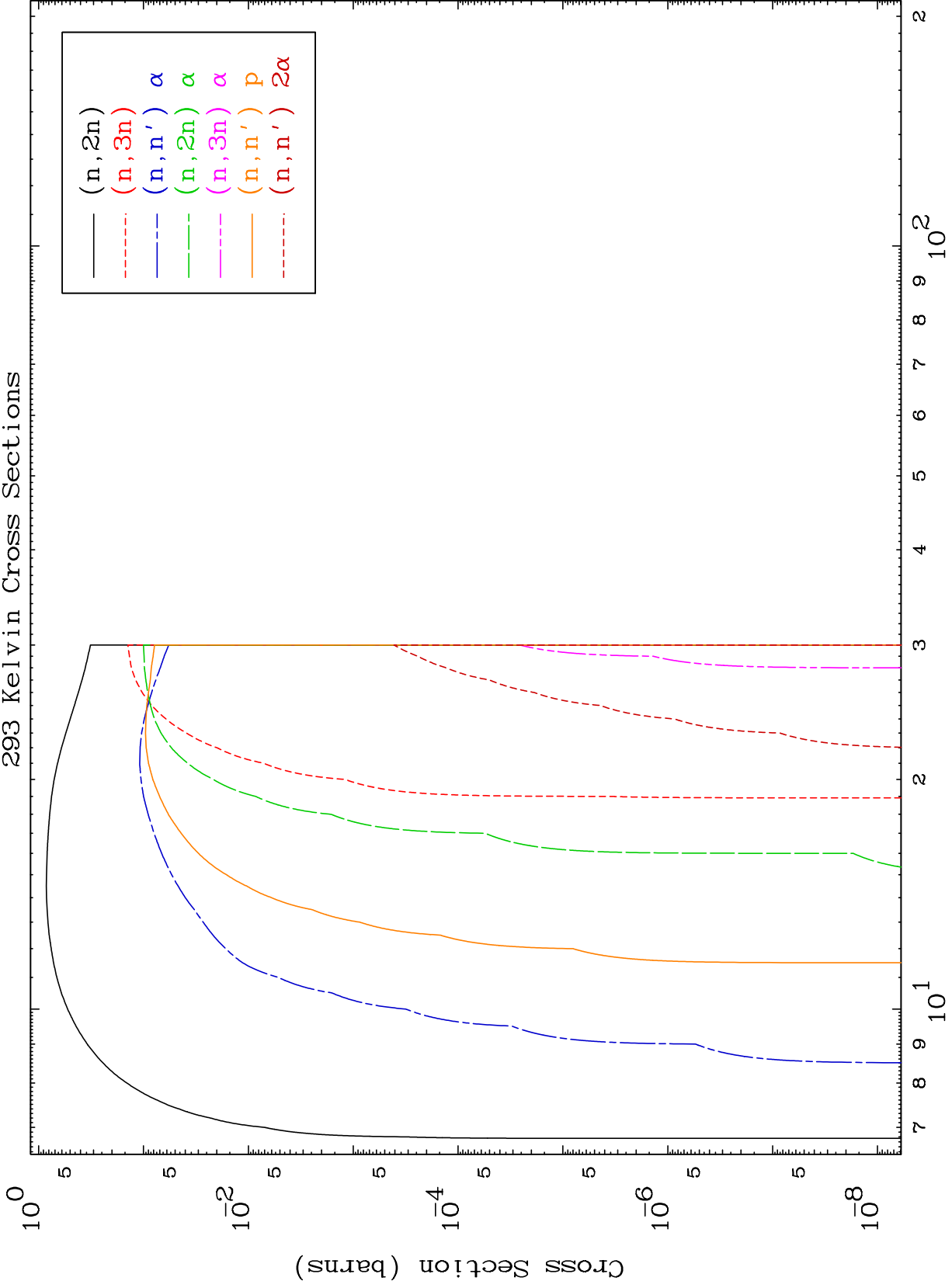
18-Ar-39



MAT 1834

Neutron Production
293 Kelvin Cross Sections

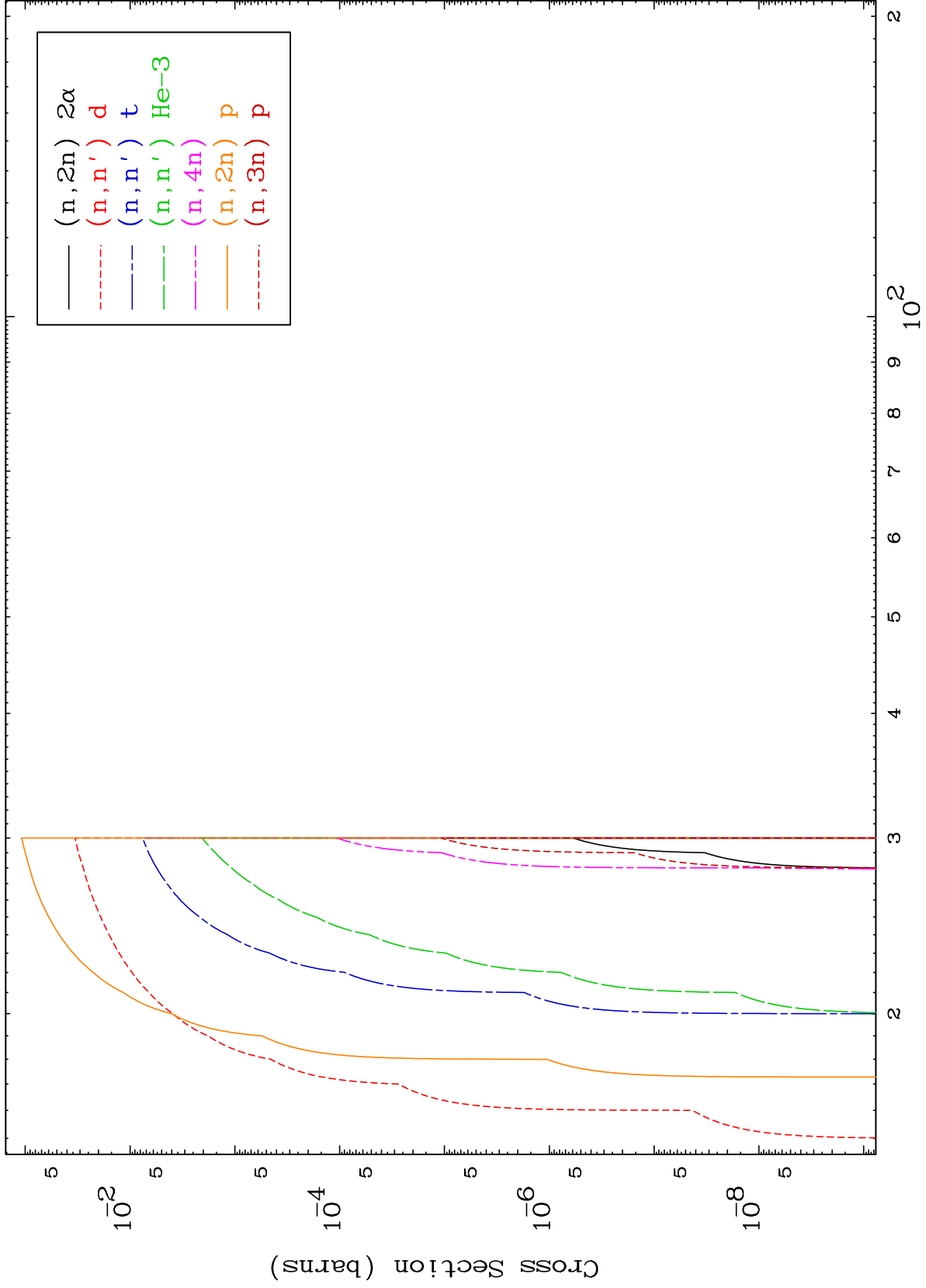
18-Ar-39



2

Incident Energy (MeV)

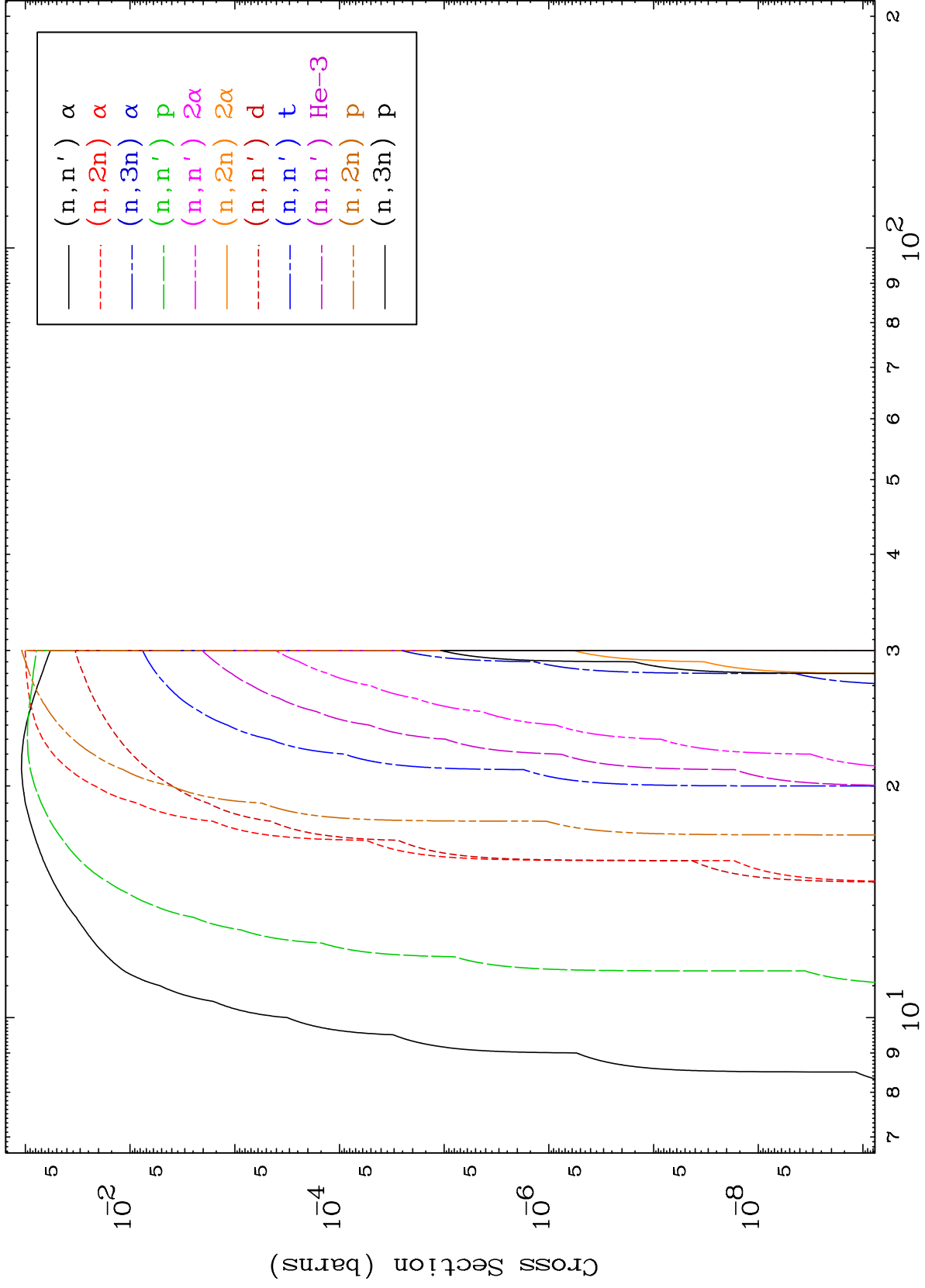
18-Ar-39



MAT 1834

Charged Particle
293 Kelvin Cross Sections

18-Ar-39



4

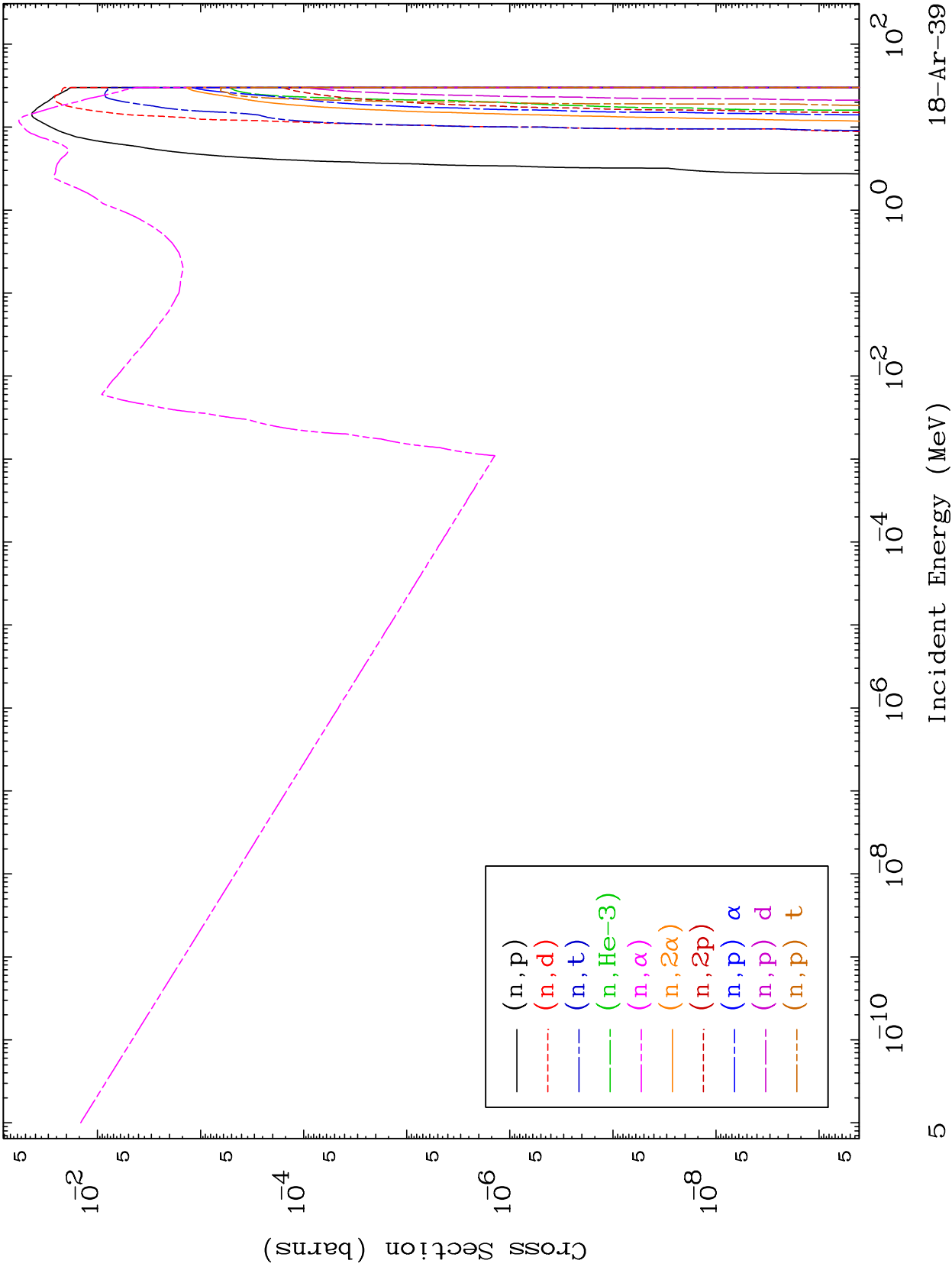
Incident Energy (MeV)

18-Ar-39

MAT 1834

Charged Particle
293 Kelvin Cross Sections

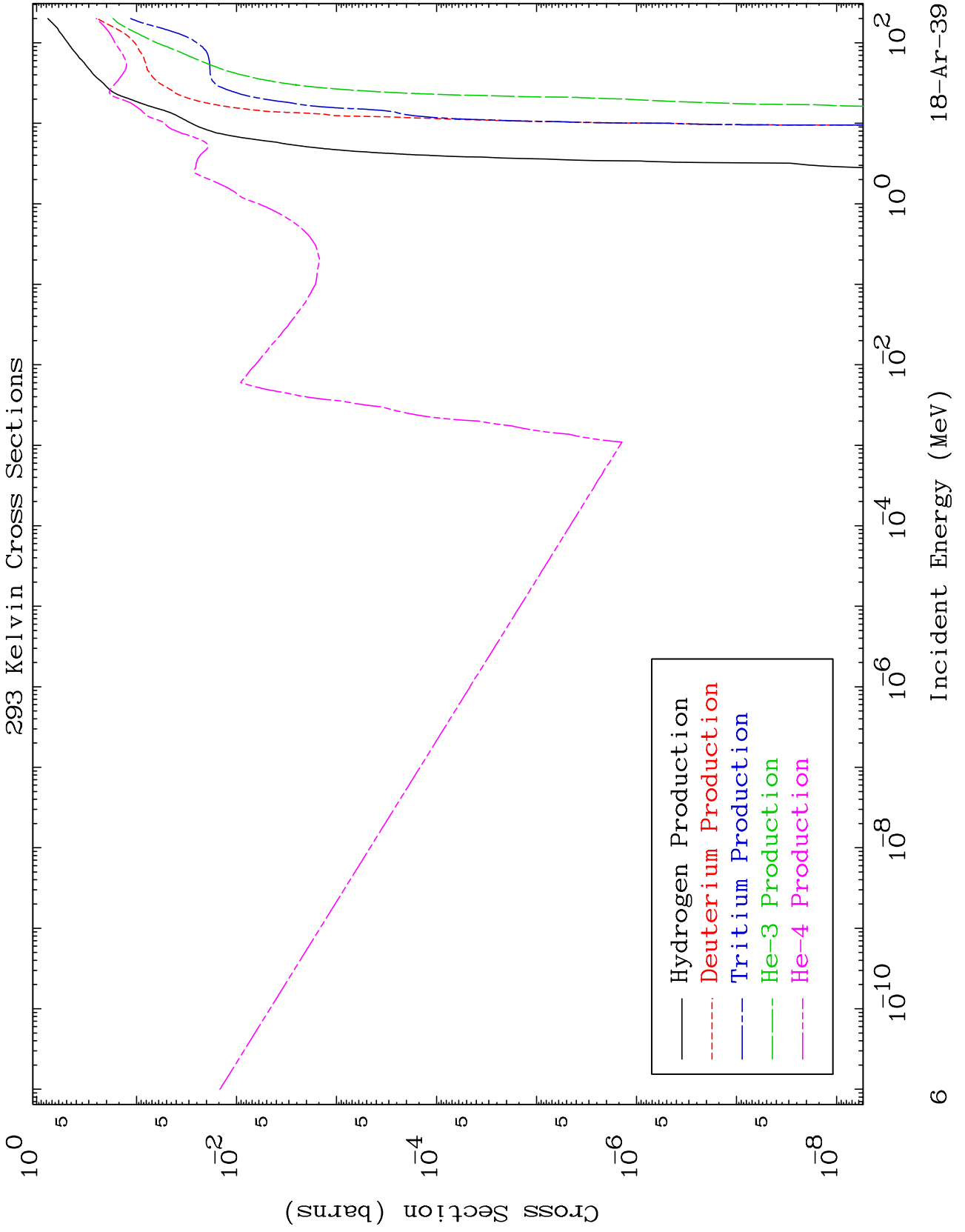
18-Ar-39



MAT 1834

Particle Production
293 Kelvin Cross Sections

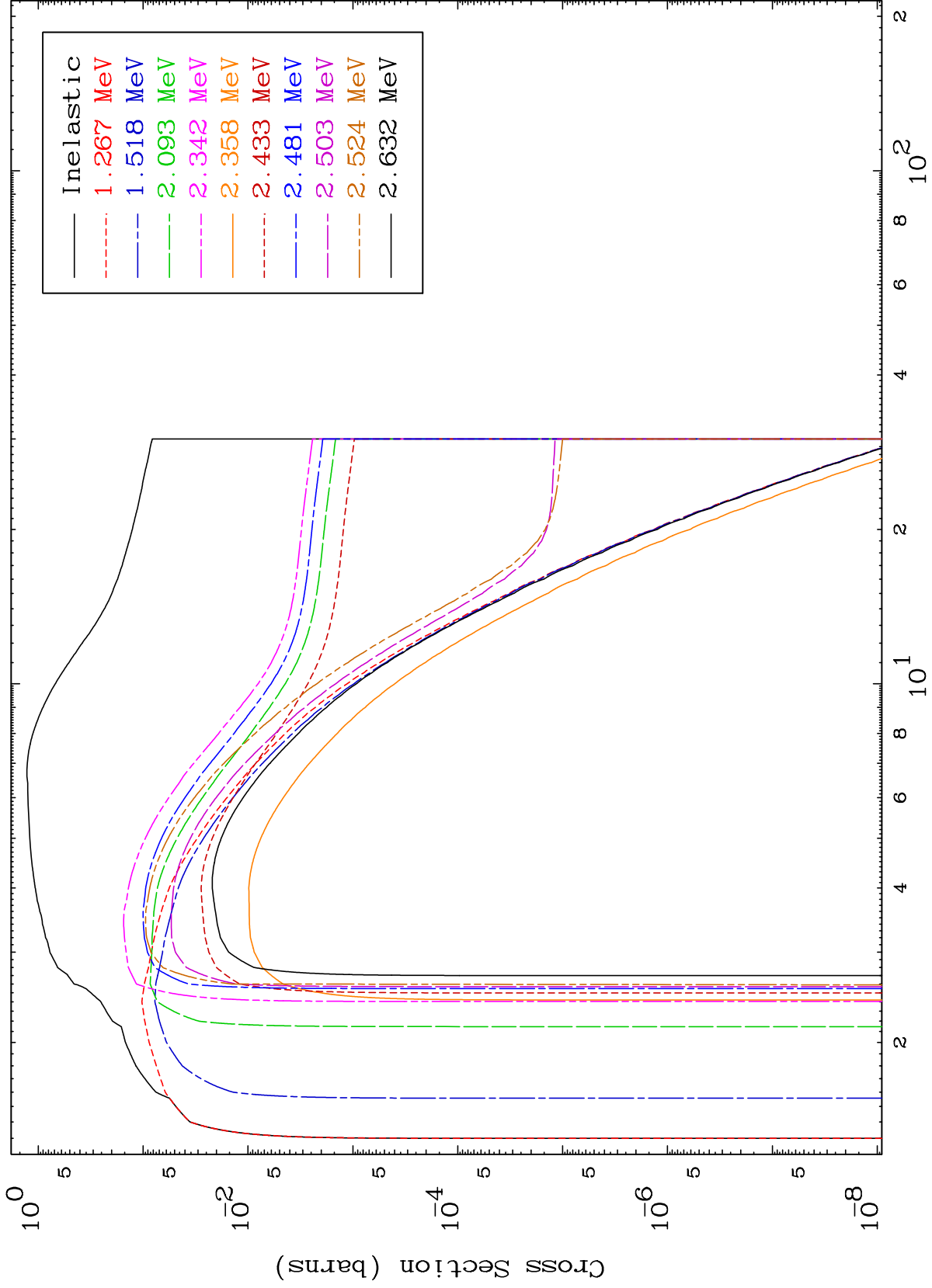
18-Ar-39



MAT 1834

(n,n') Level
293 Kelvin Cross Sections

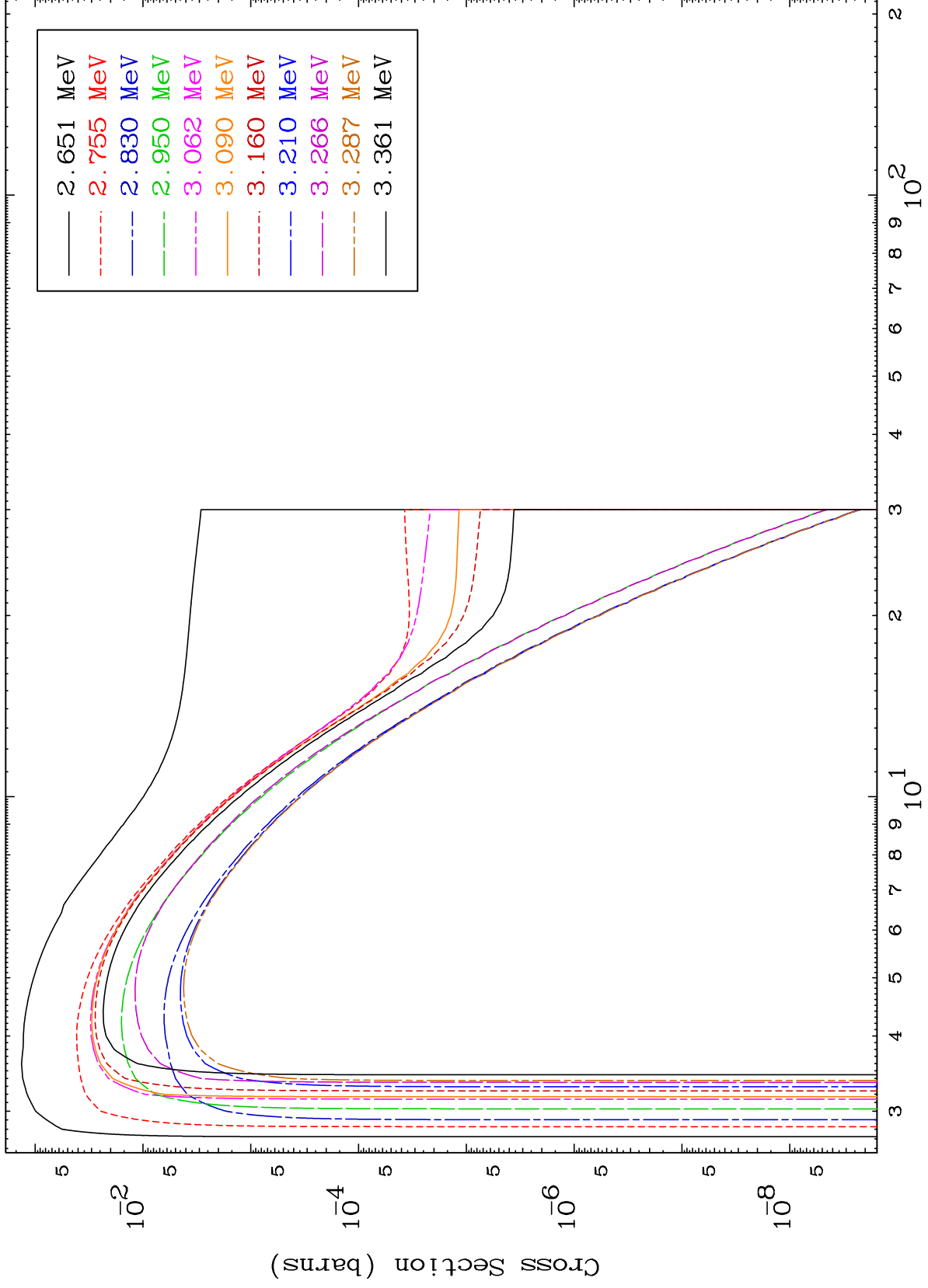
18-Ar-39



MAT 1834

(n,n') Level
293 Kelvin Cross Sections

18-Ar-39



8

Incident Energy (MeV)

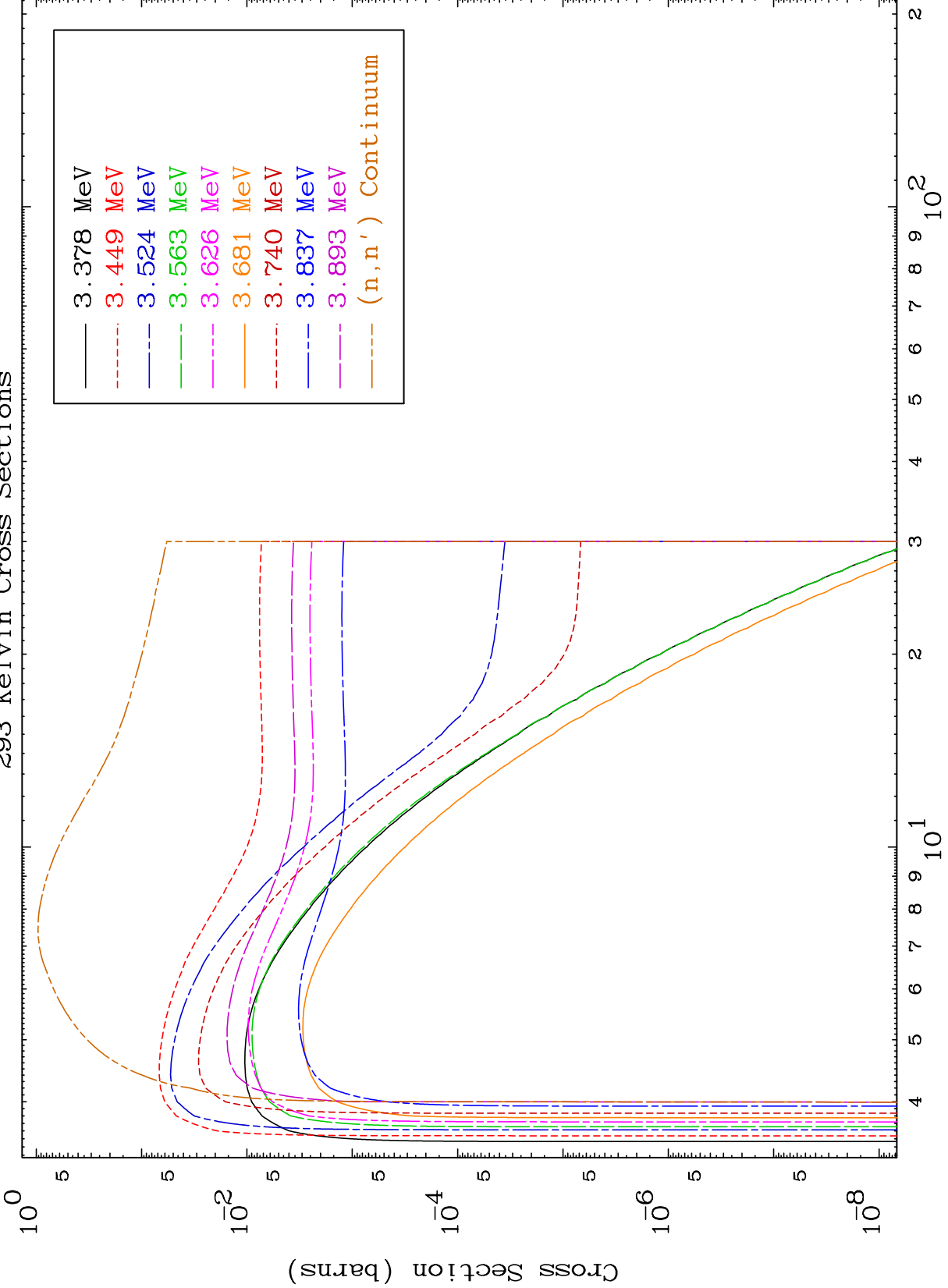
18-Ar-39

MAT 1834

(n,n') Level

18-Ar-39

293 Kelvin Cross Sections



9

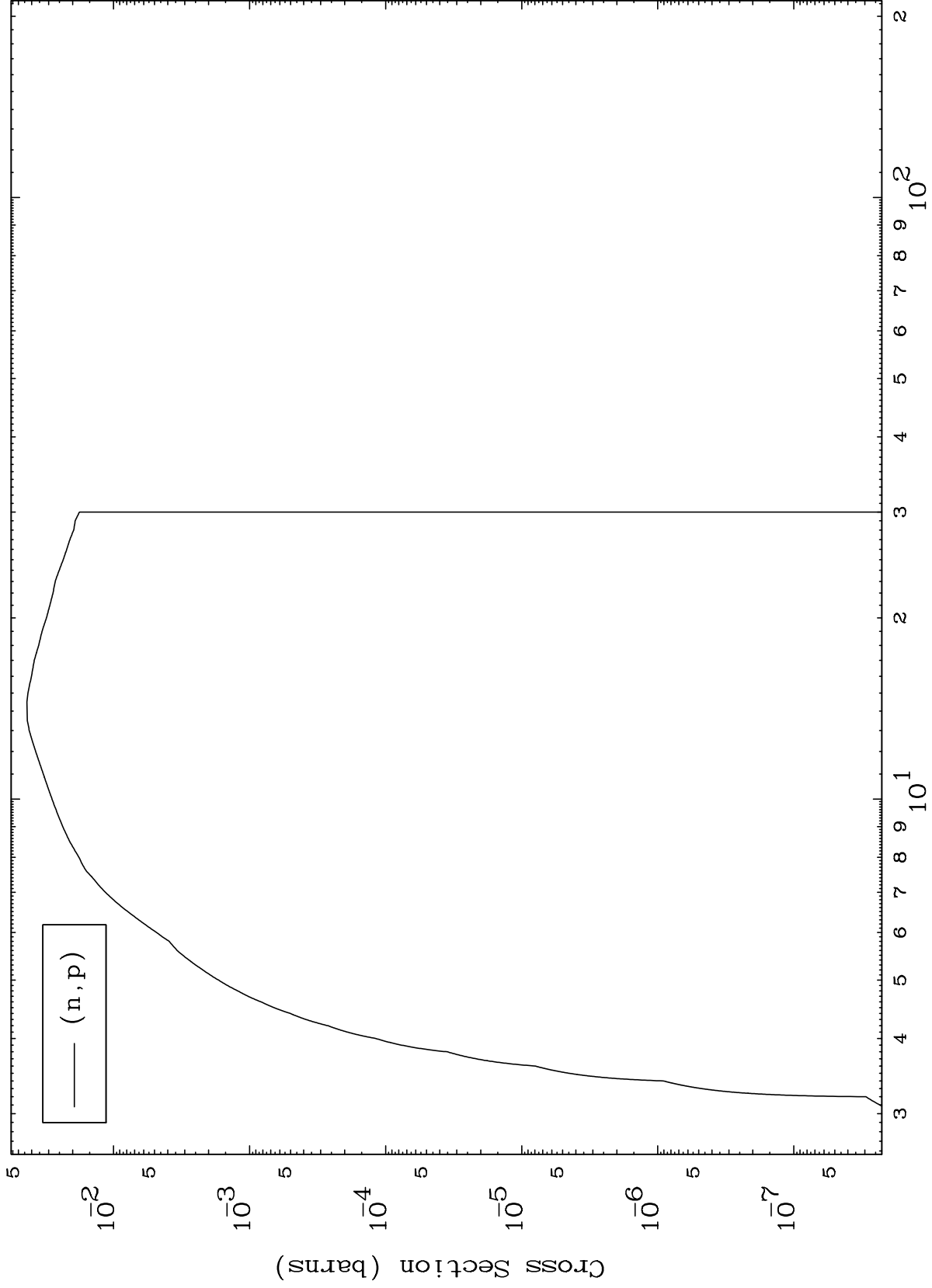
Incident Energy (MeV)

18-Ar-39

MAT 1834

(n,p) Levels
293 Kelvin Cross Sections

18-Ar-39



10

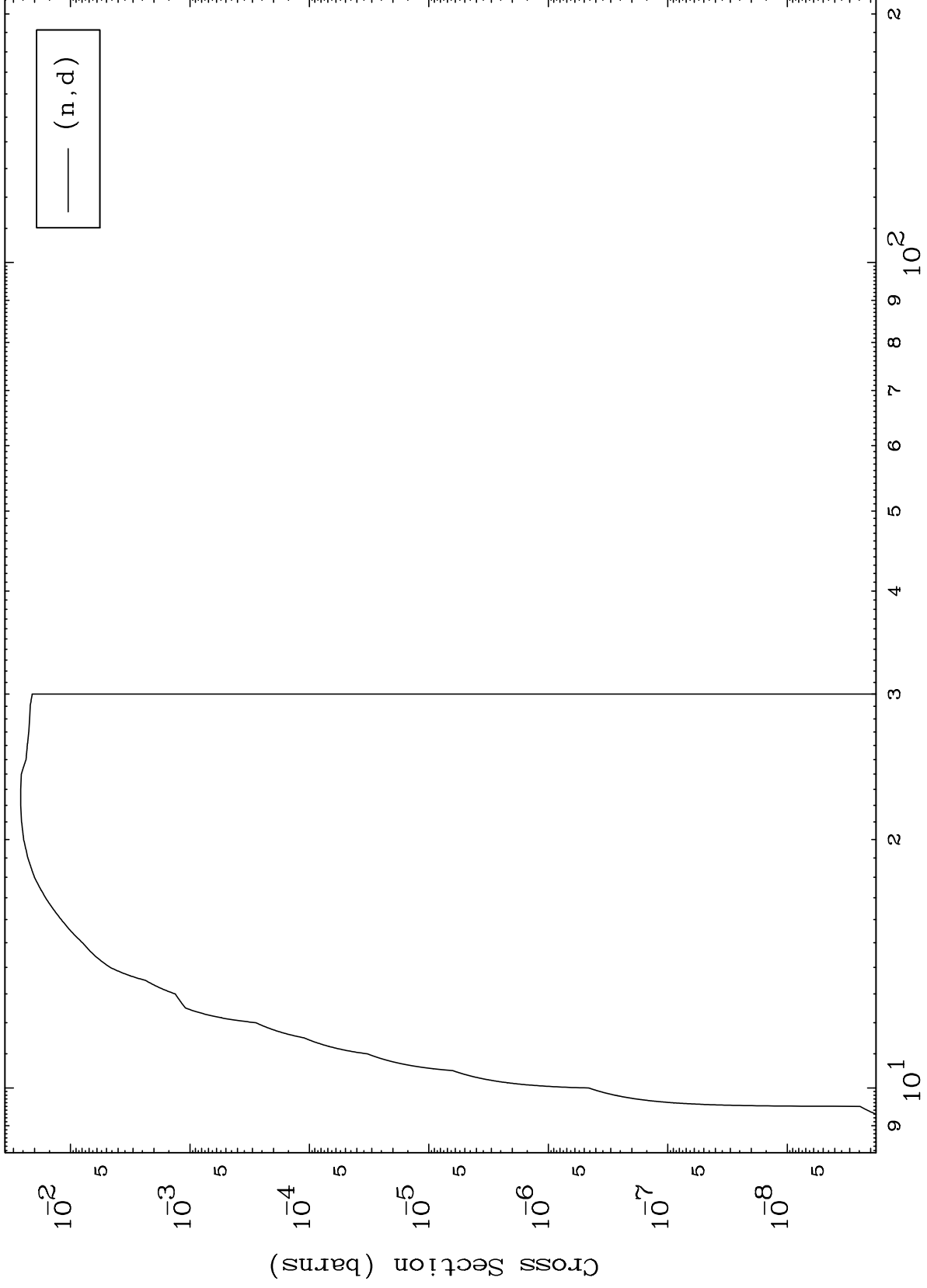
Incident Energy (MeV)

18-Ar-39

MAT 1834

(n,d) Levels
293 Kelvin Cross Sections

18-Ar-39



11

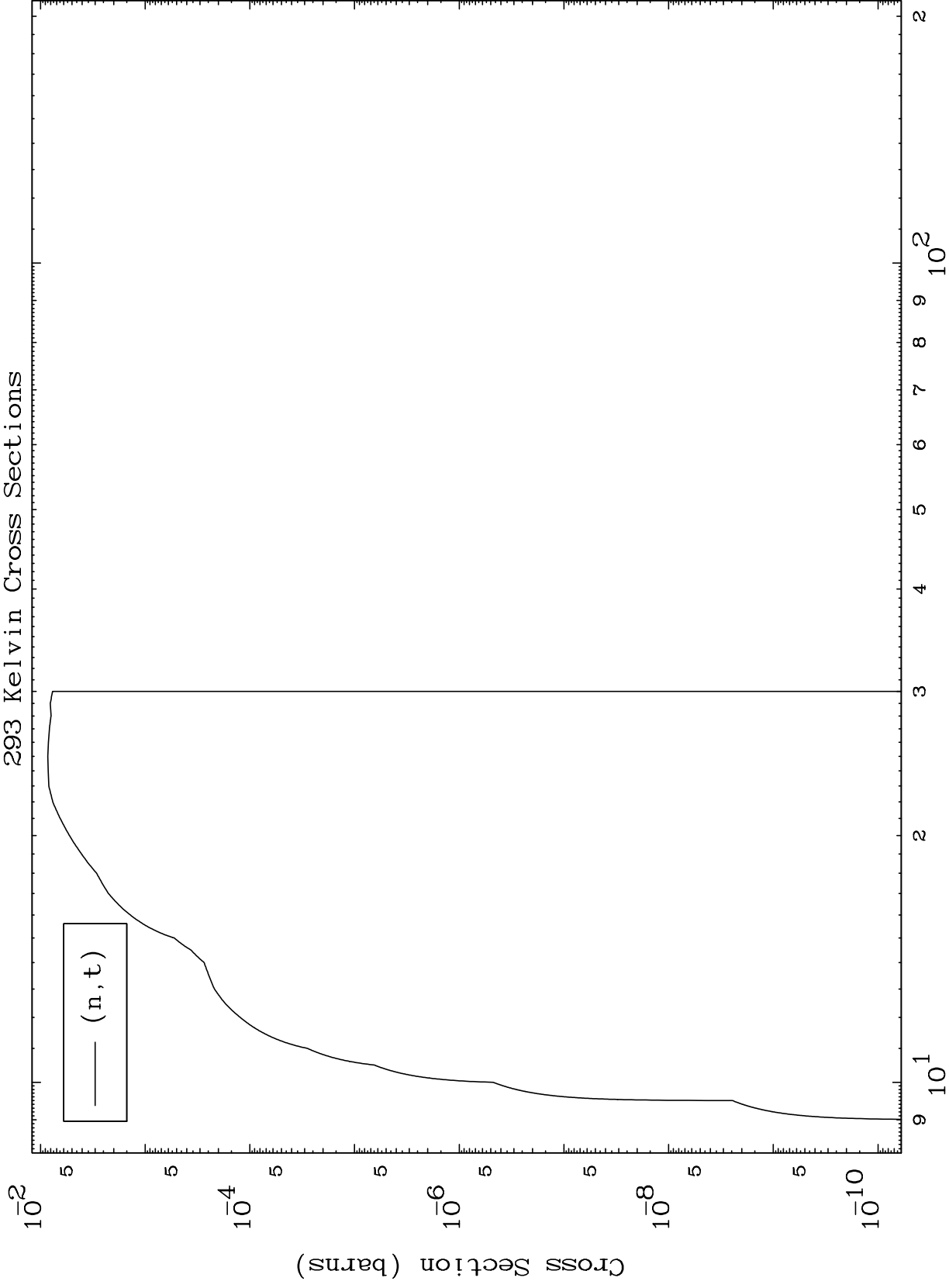
Incident Energy (MeV)

18-Ar-39

MAT 1834

(n,t) Levels
293 Kelvin Cross Sections

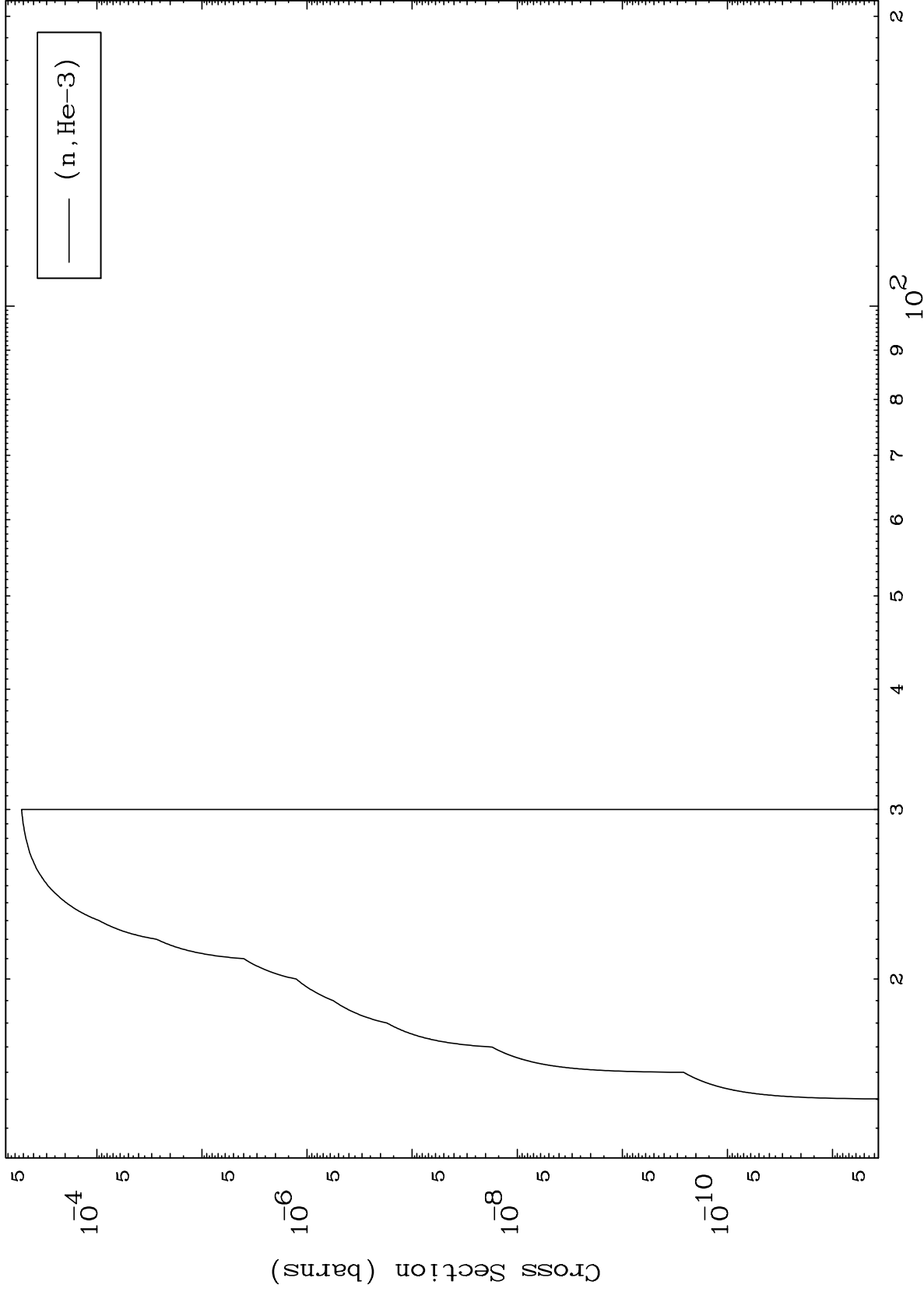
18-Ar-39



12

Incident Energy (MeV)

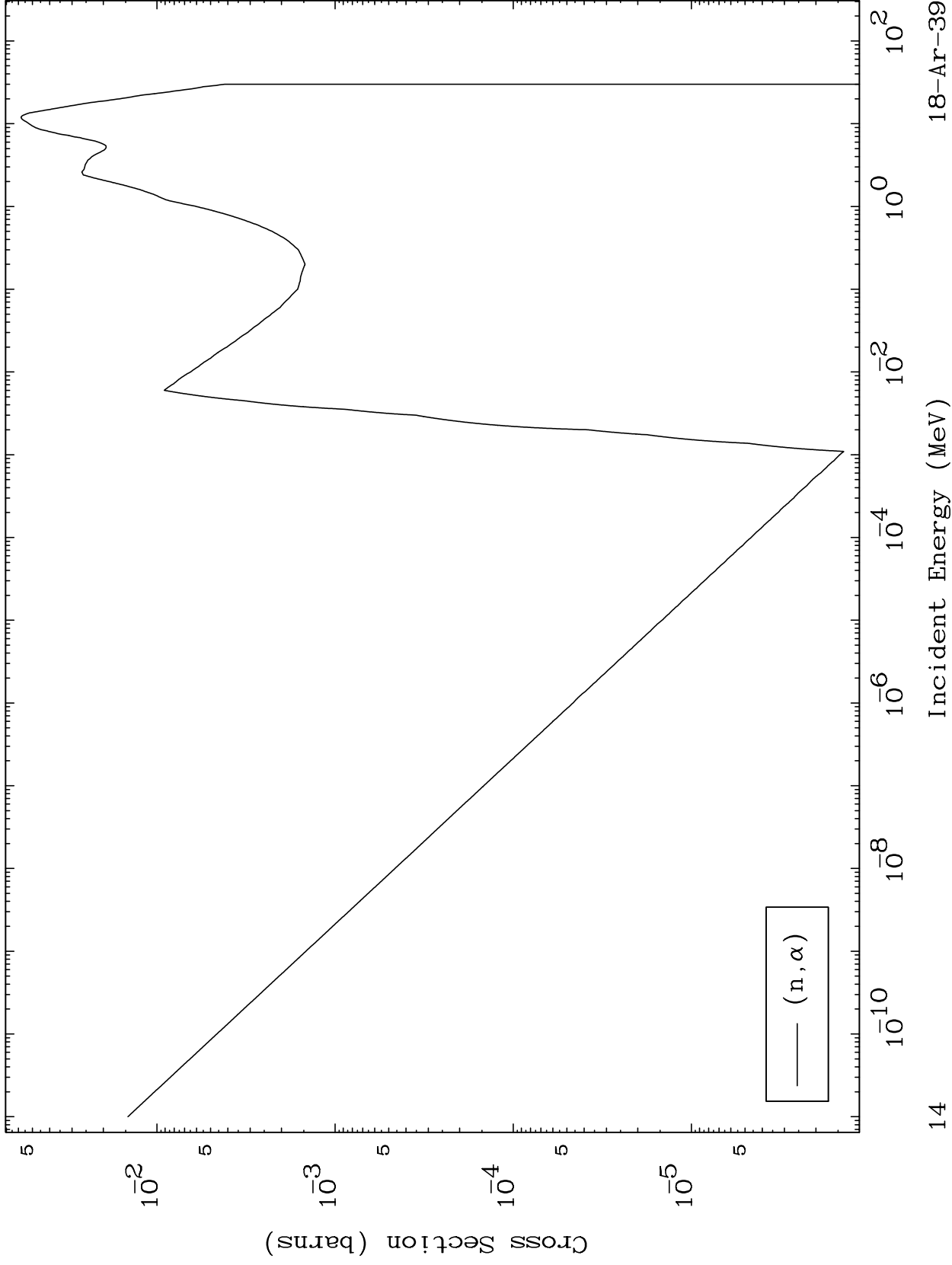
18-Ar-39



MAT 1834

(n,α) Levels
293 Kelvin Cross Sections

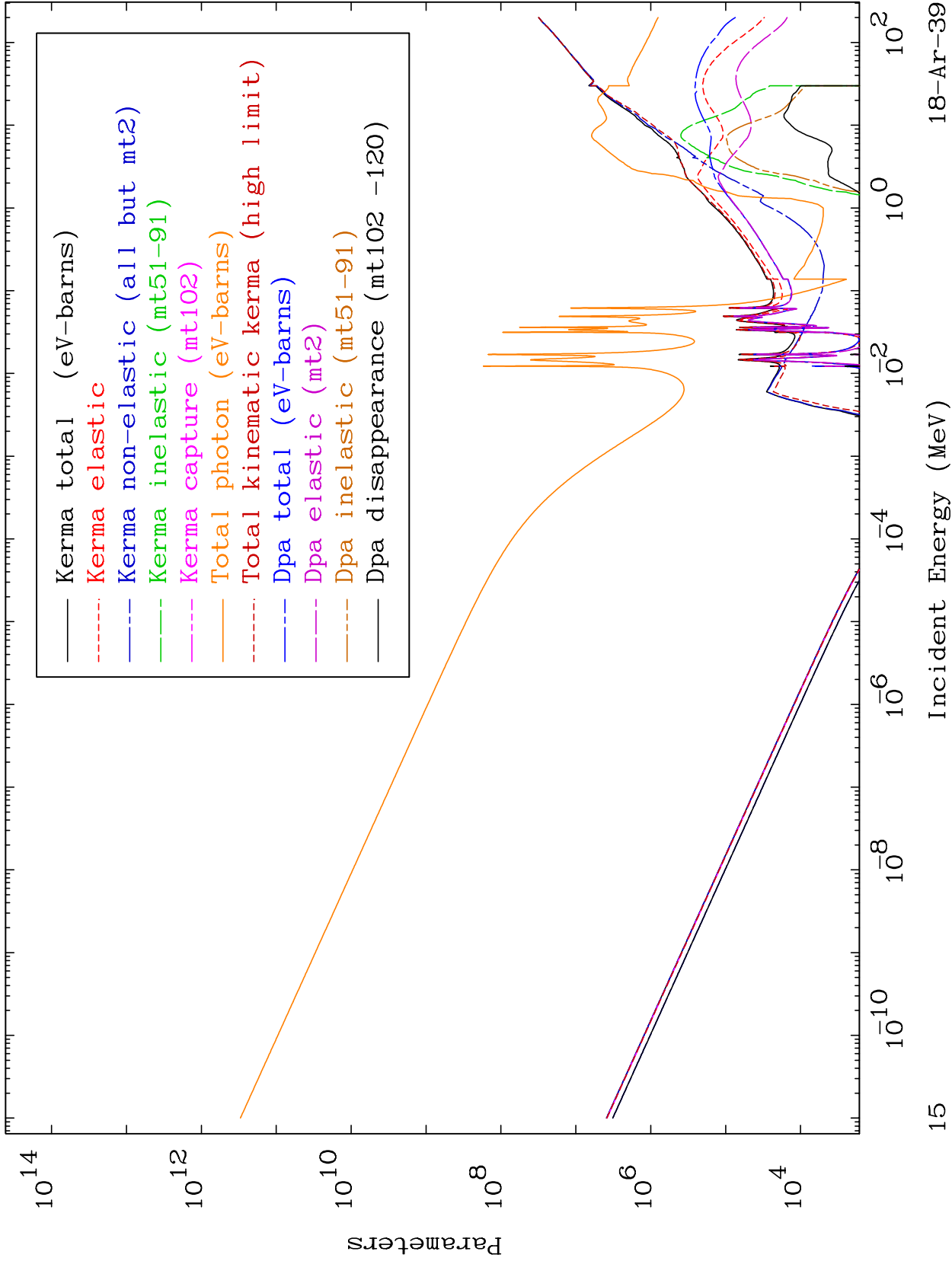
18-Ar-39



14

Incident Energy (MeV)

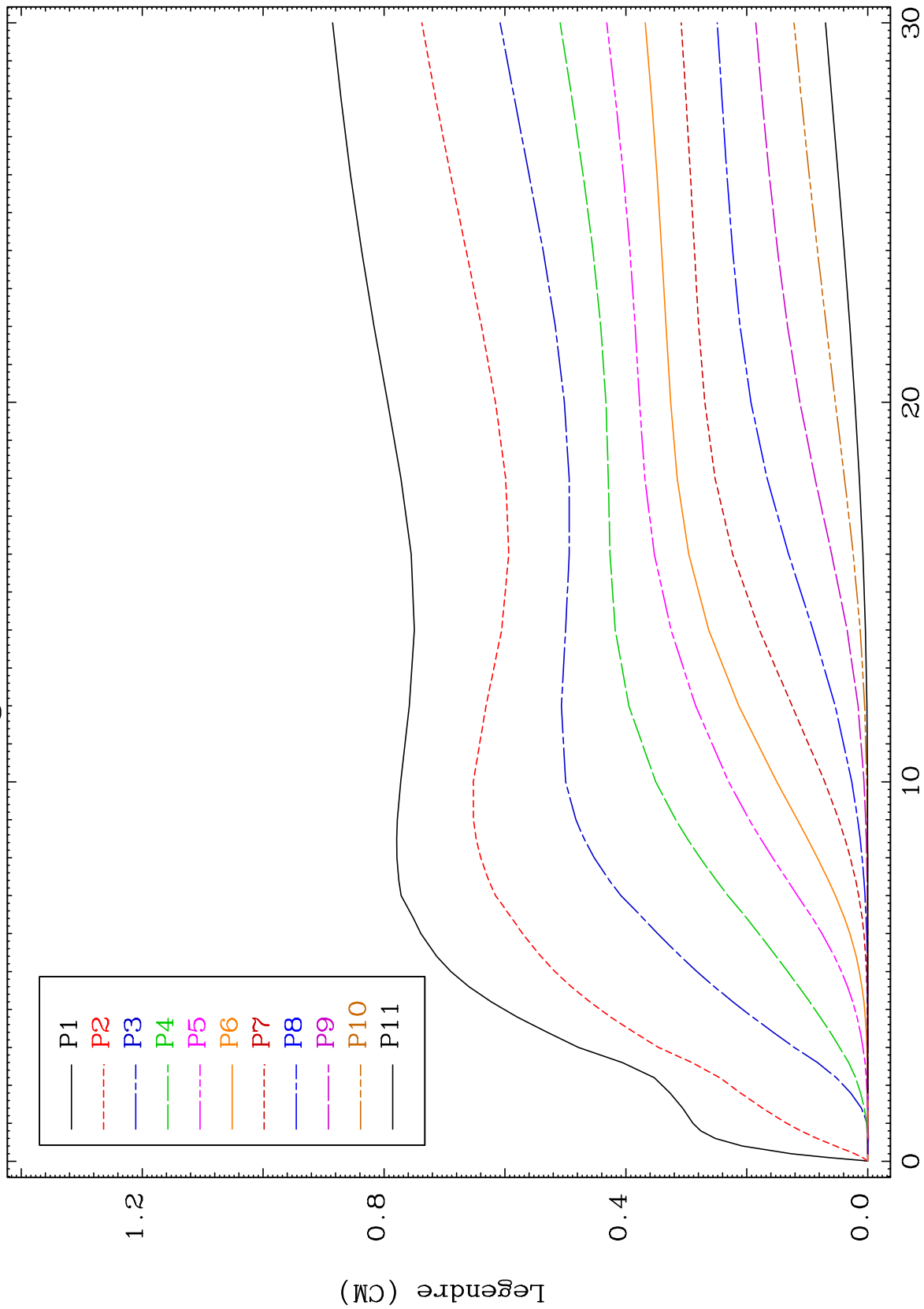
18-Ar-39



MAT 1834

Elastic Legendre Coefficients

18-Ar-39



16

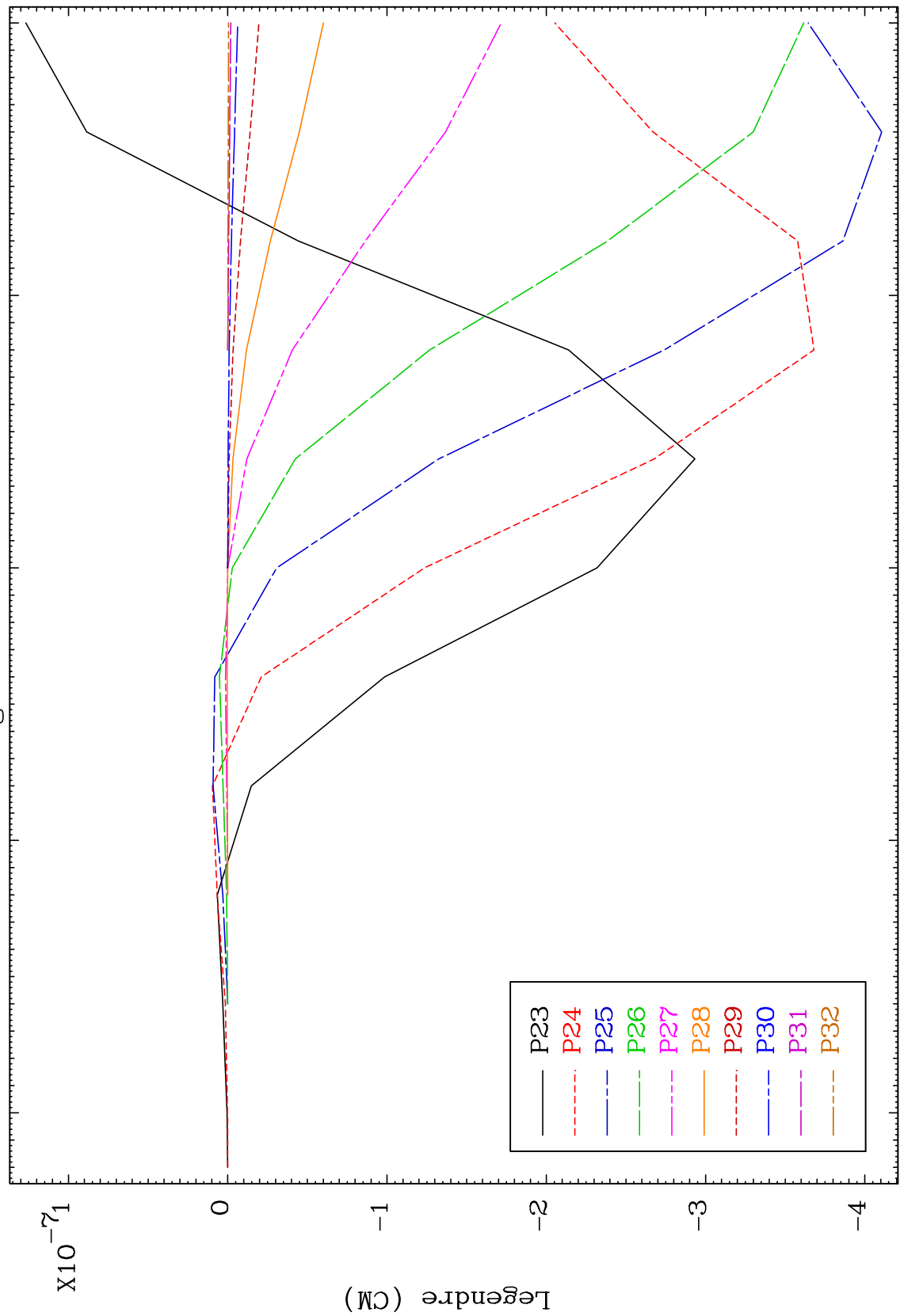
Incident Energy (MeV)

18-Ar-39

MAT 1834

Elastic Legendre Coefficients

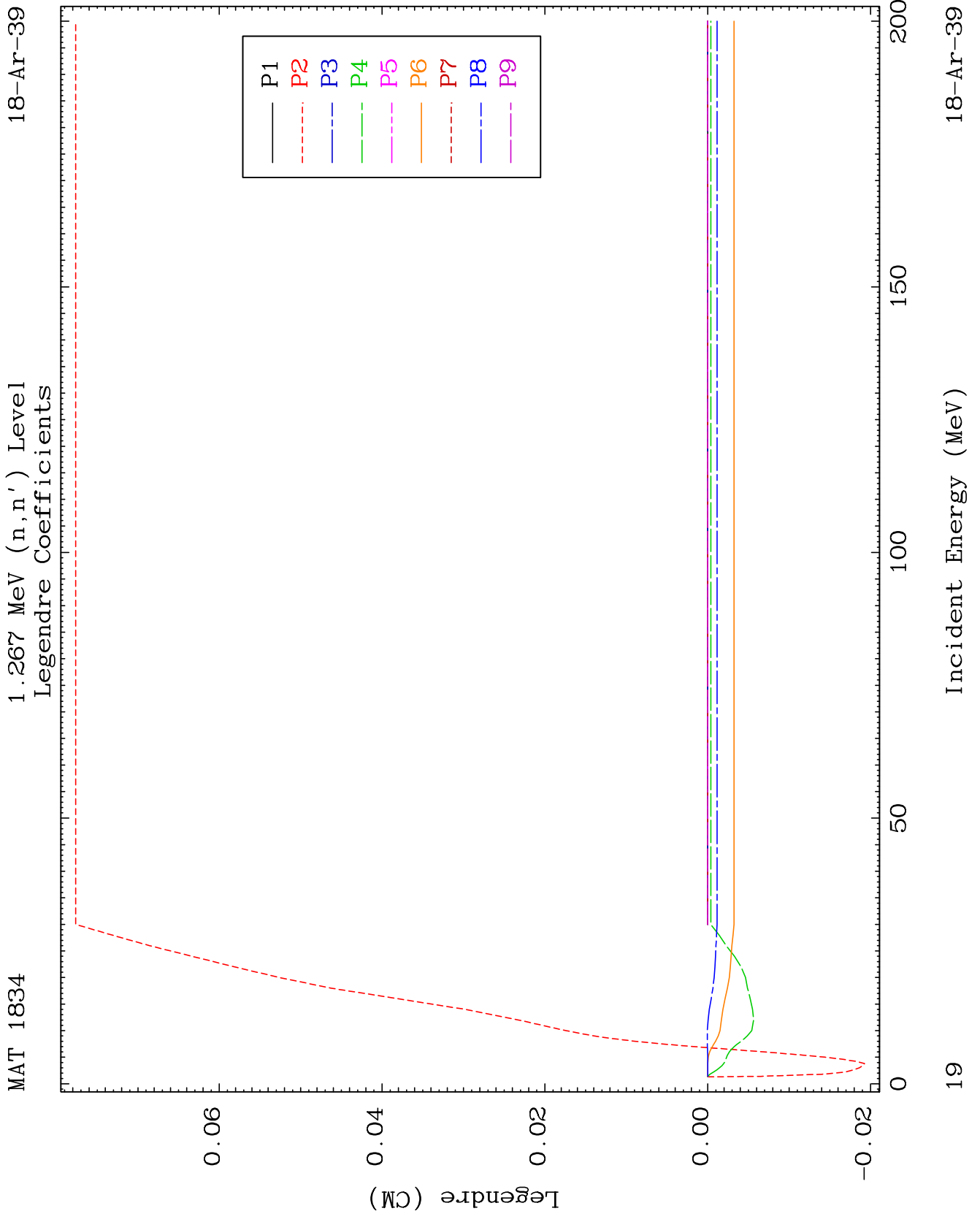
18-Ar-39



18

Incident Energy (MeV)

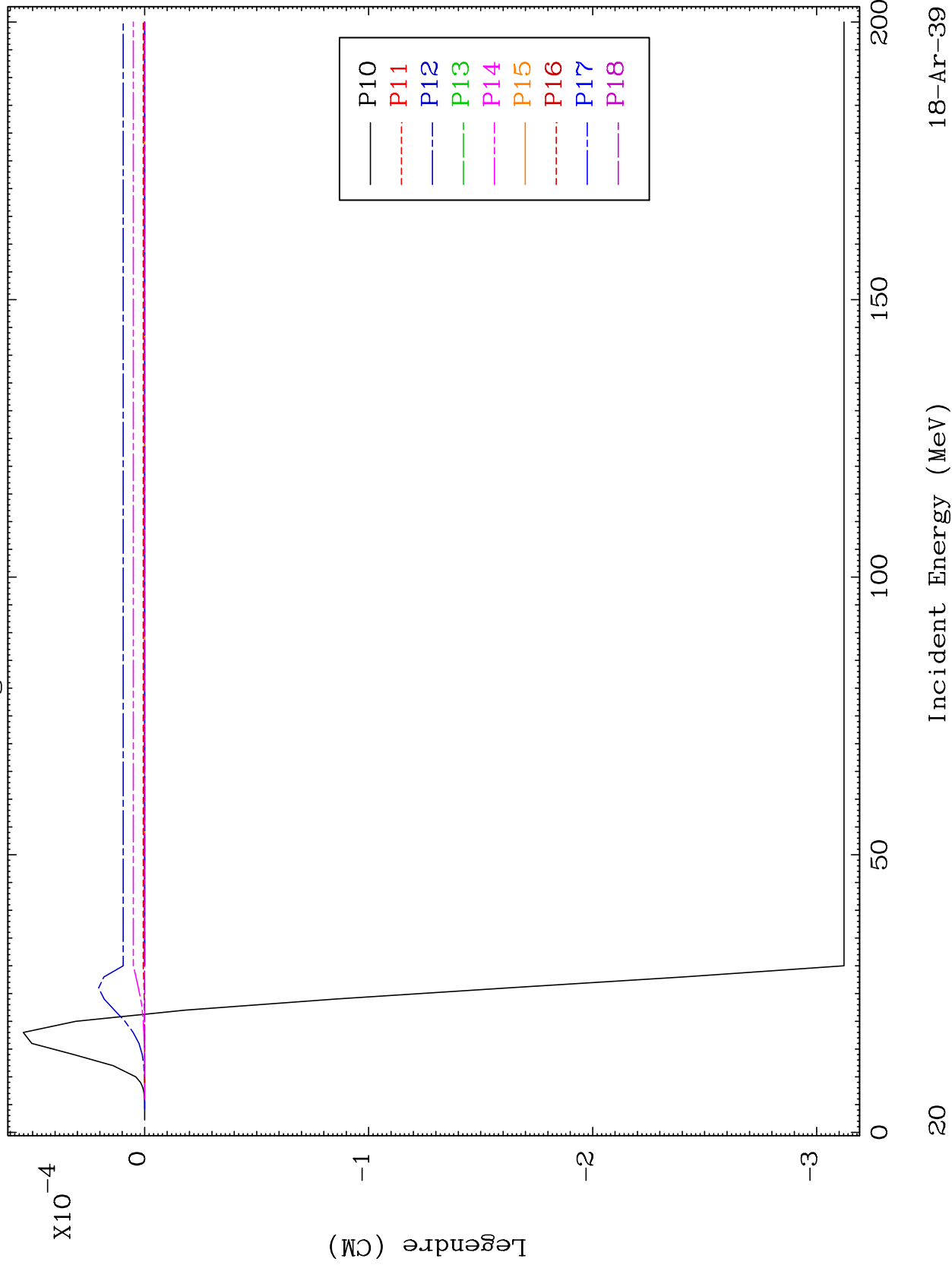
18-Ar-39



MAT 1834

1.267 MeV (n,n') Level
Legendre Coefficients

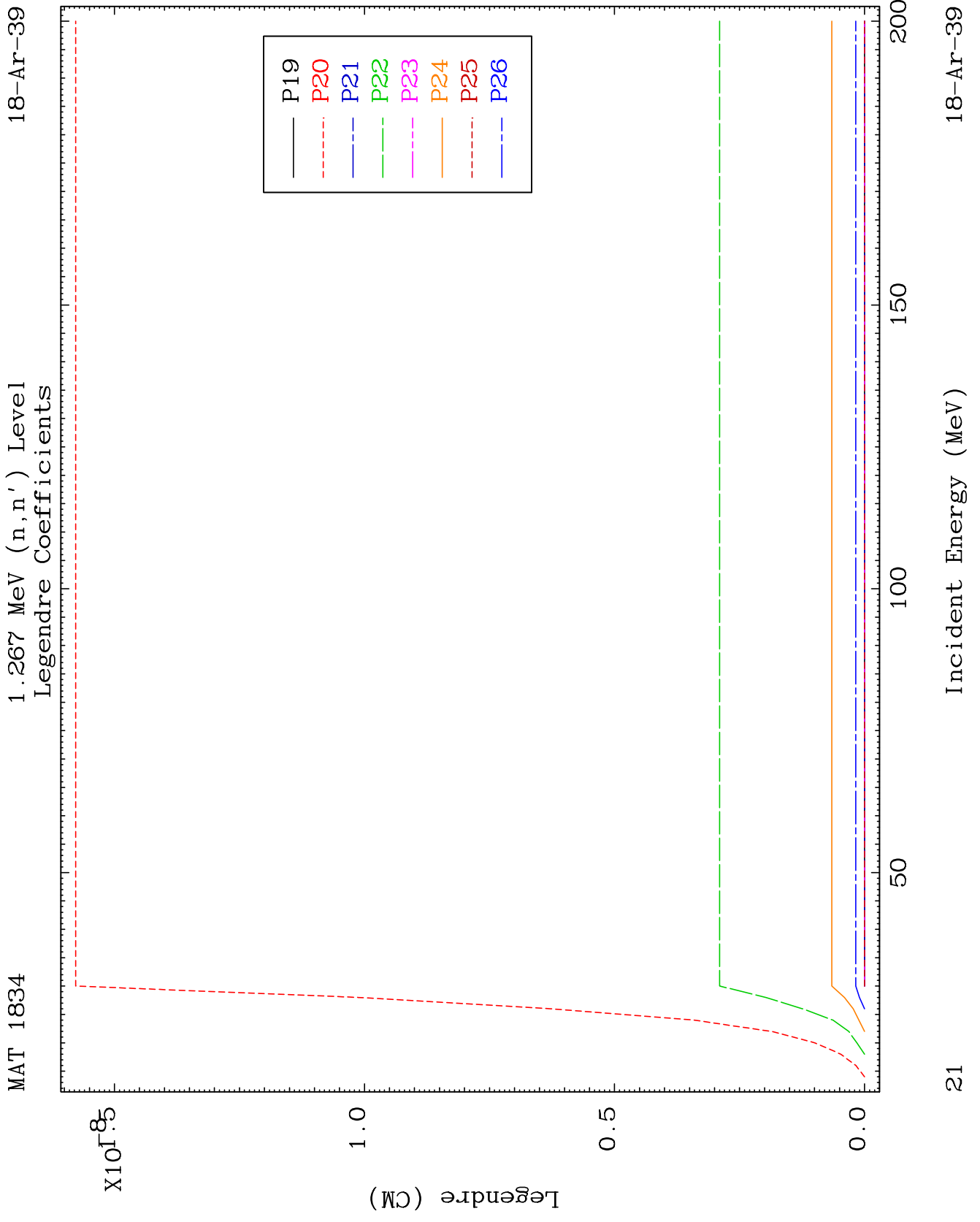
18-Ar-39

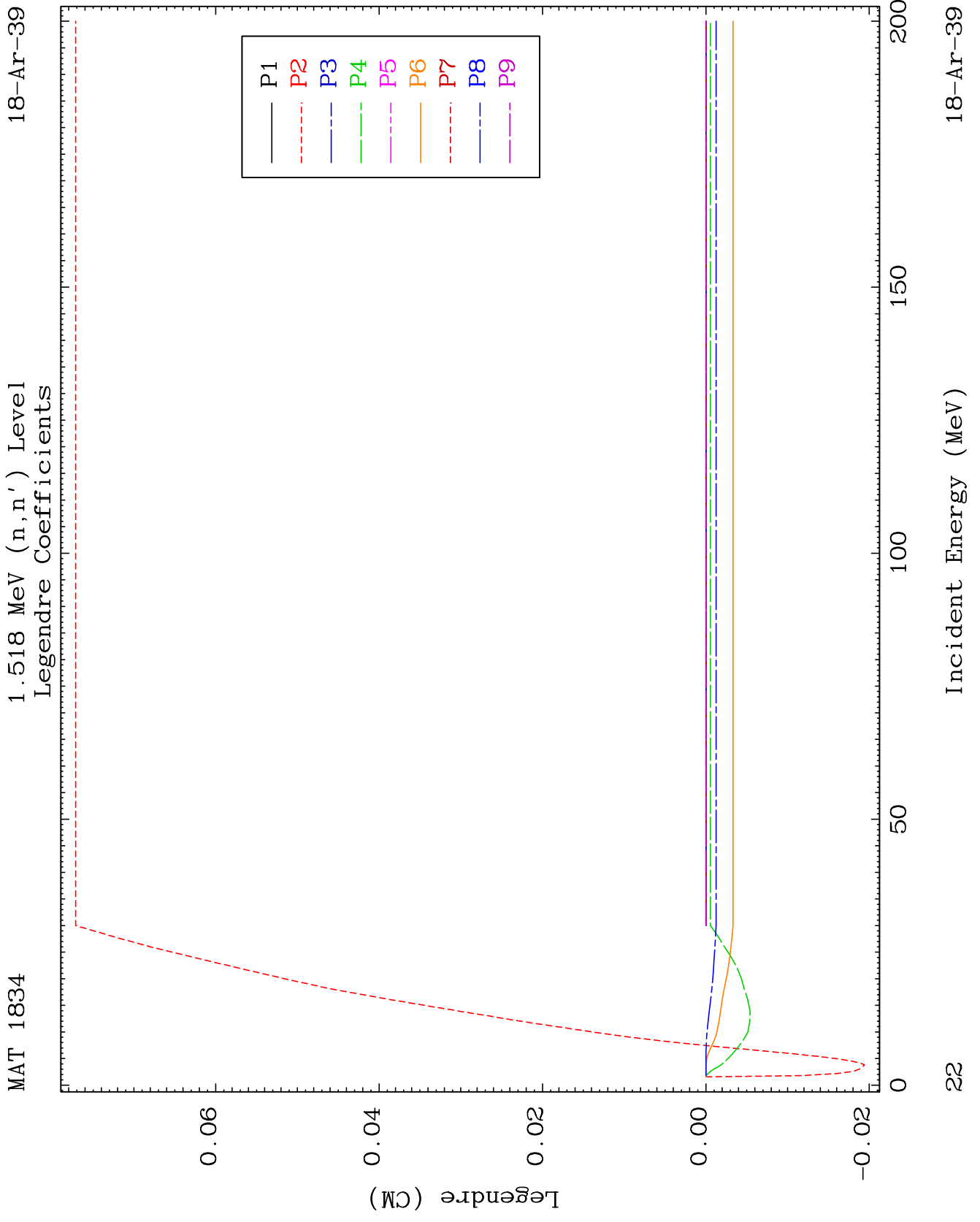


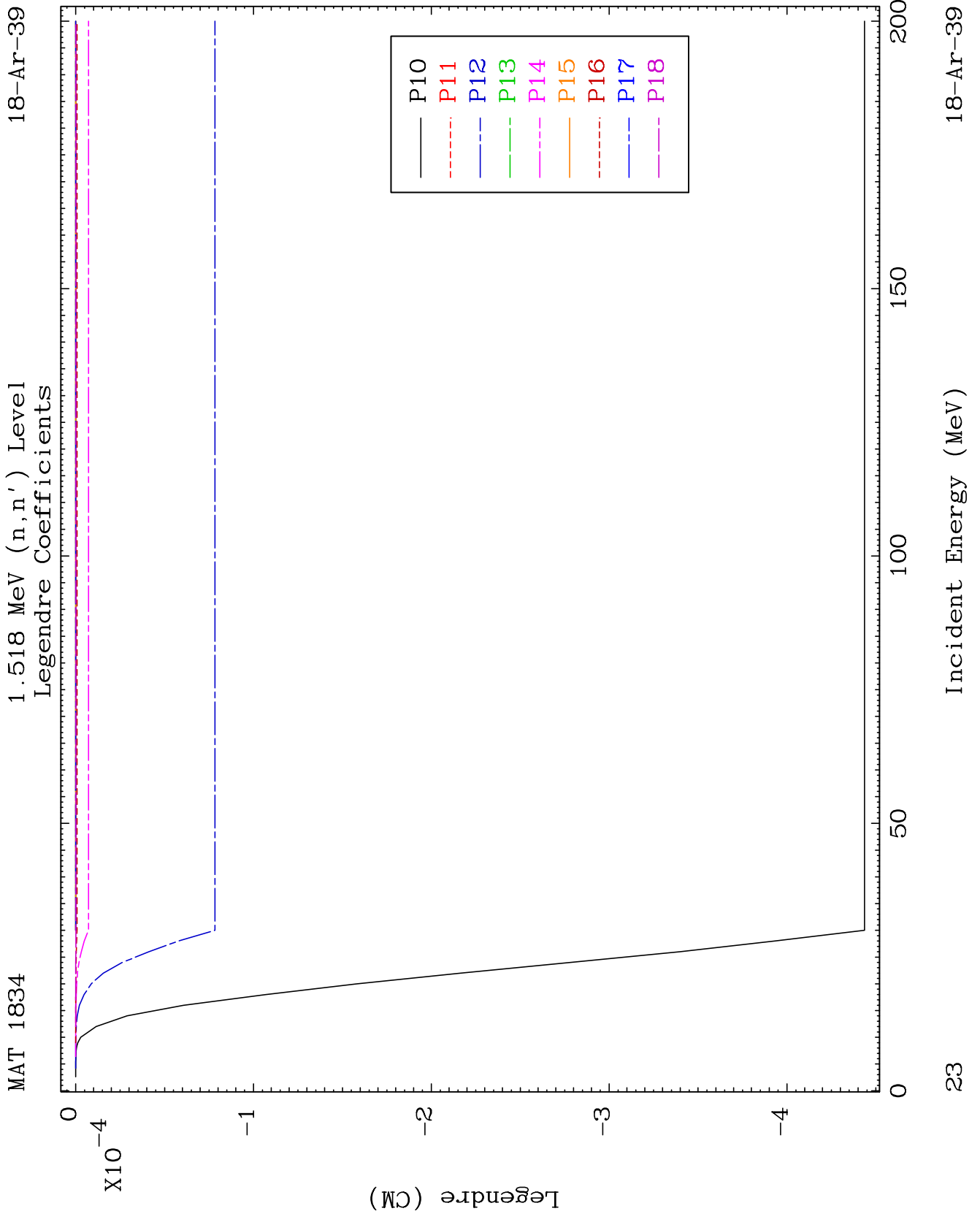
18-Ar-39

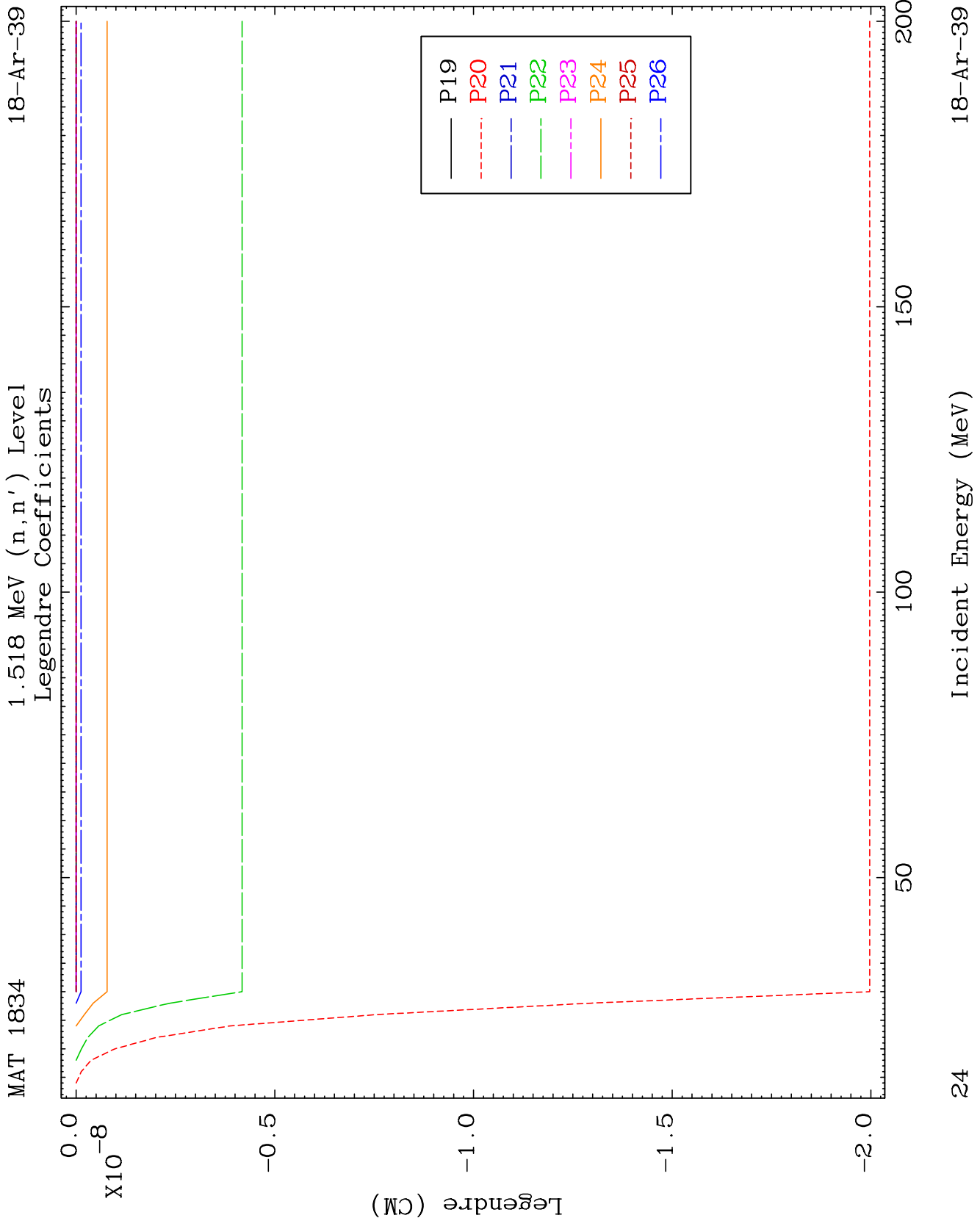
Incident Energy (MeV)

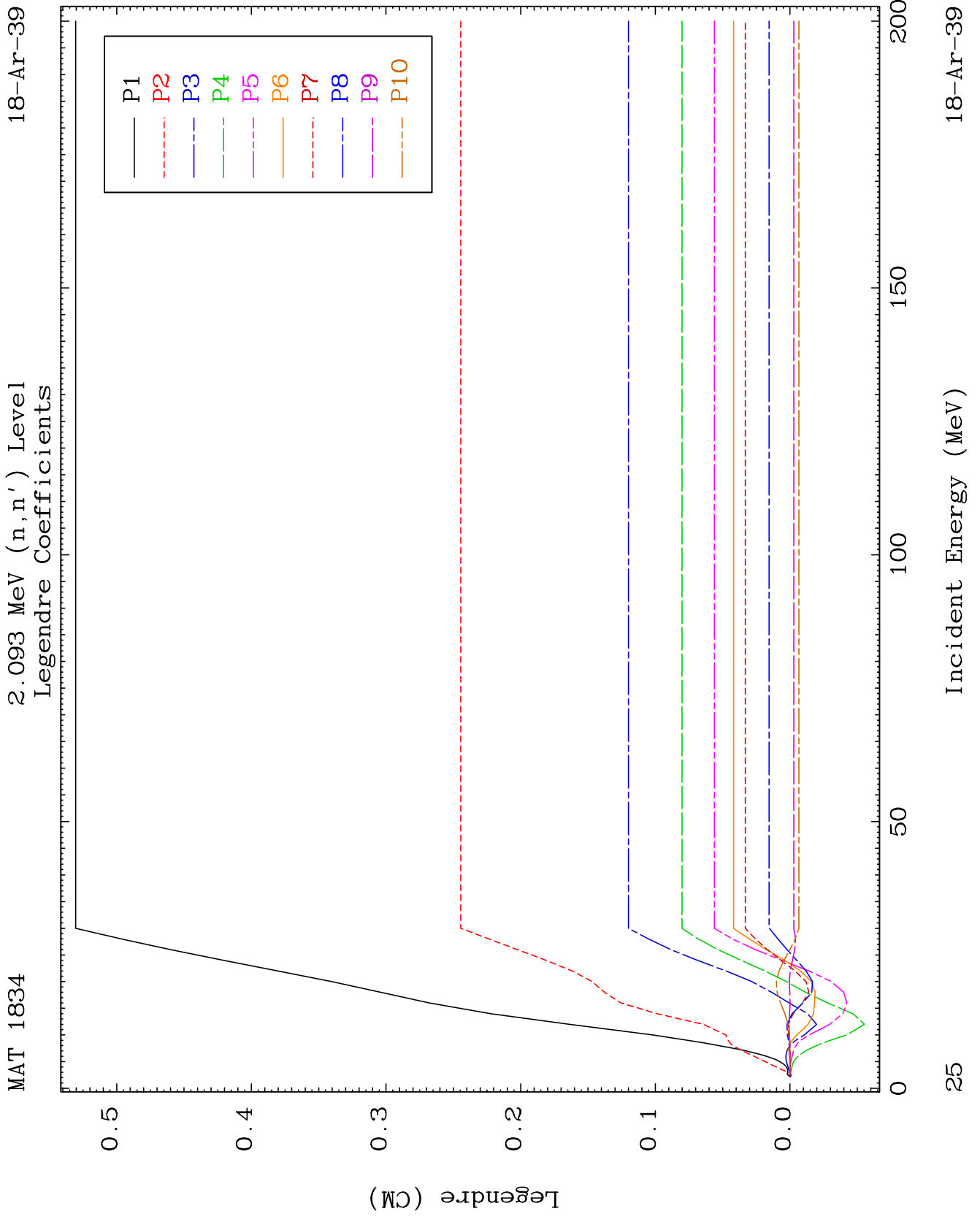
20

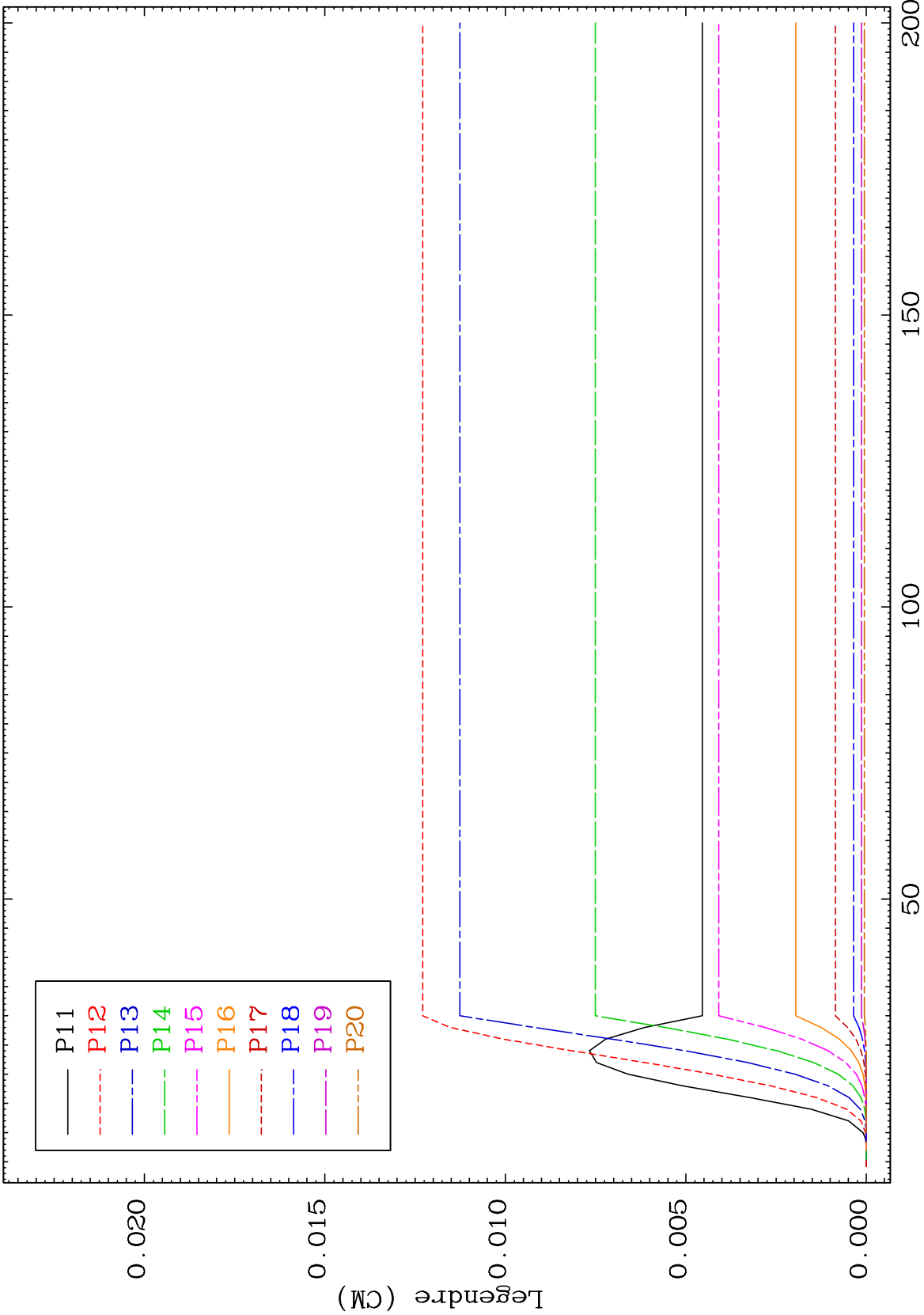








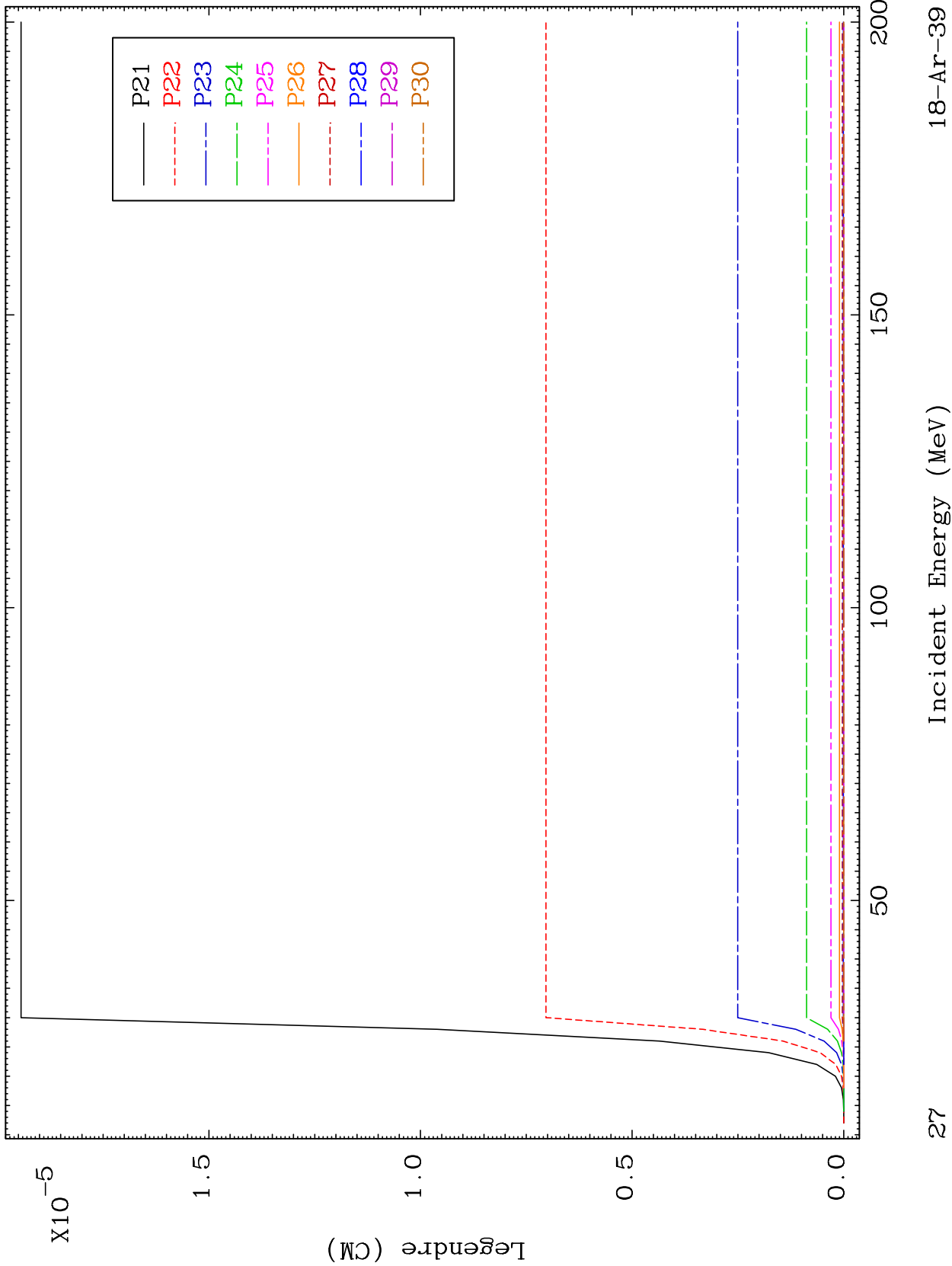




MAT 1834

2.093 MeV (n,n') Level
Legendre Coefficients

18-Ar-39



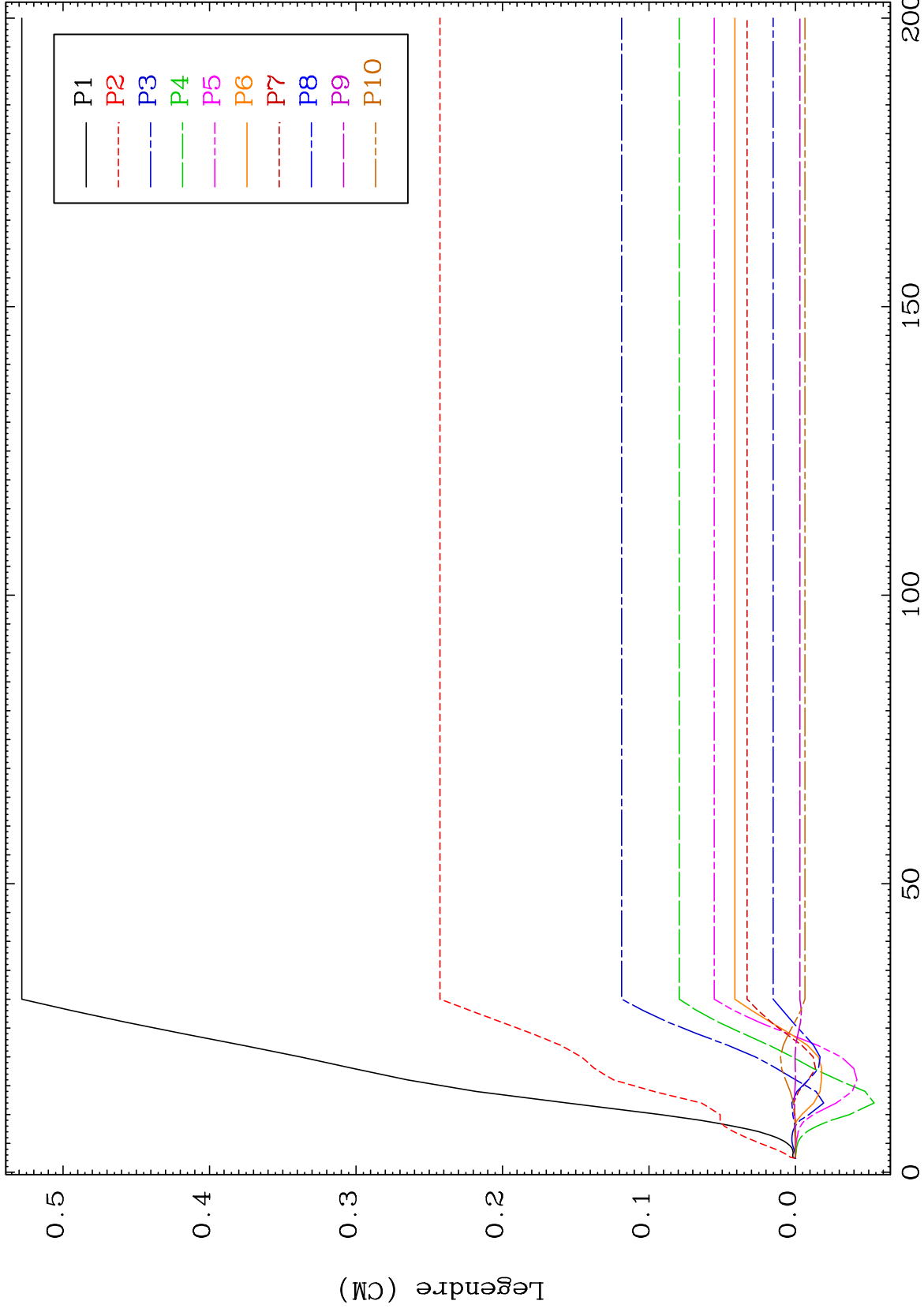
27

18-Ar-39

MAT 1834

2.342 MeV (n,n') Level
Legendre Coefficients

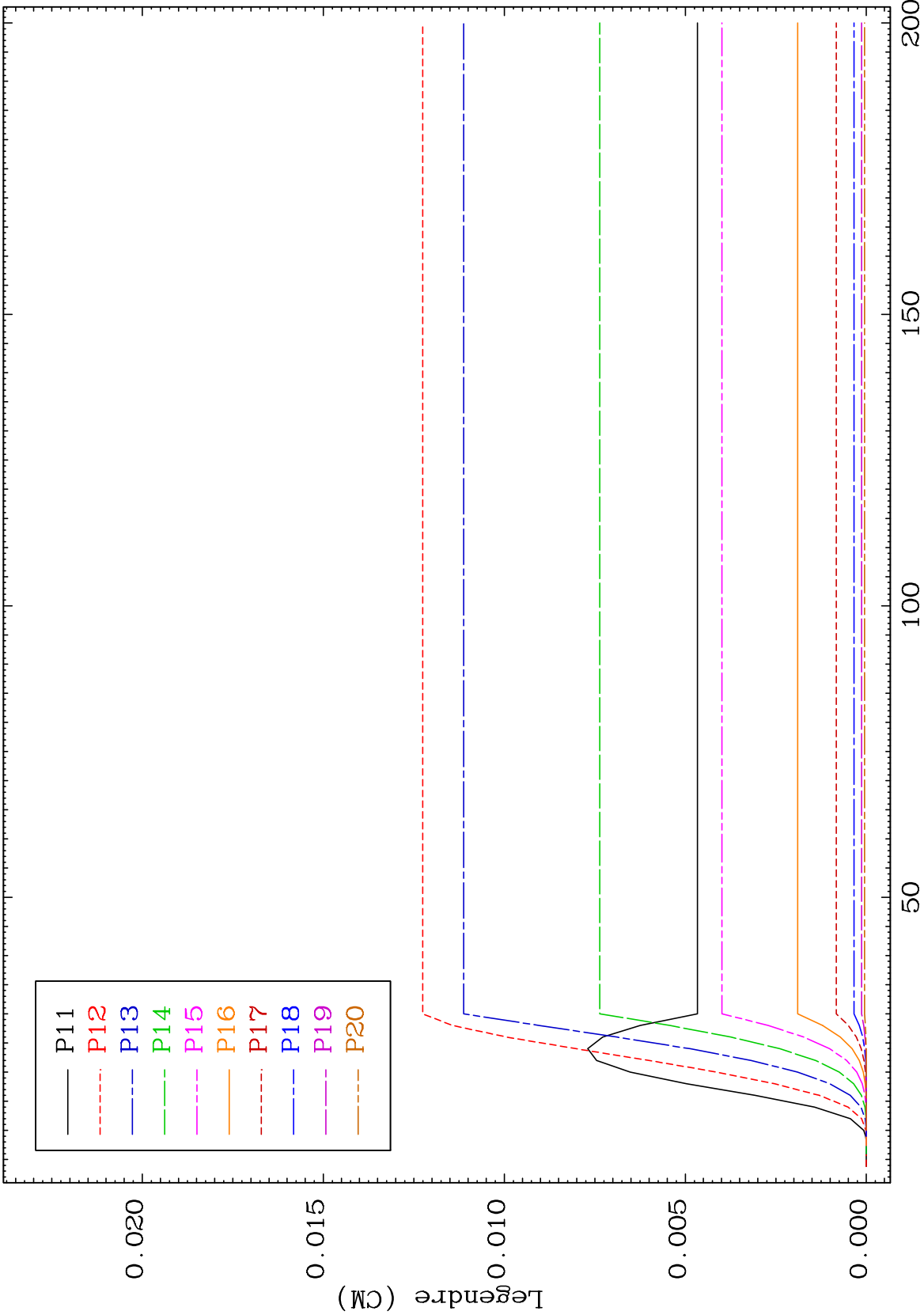
18-Ar-39

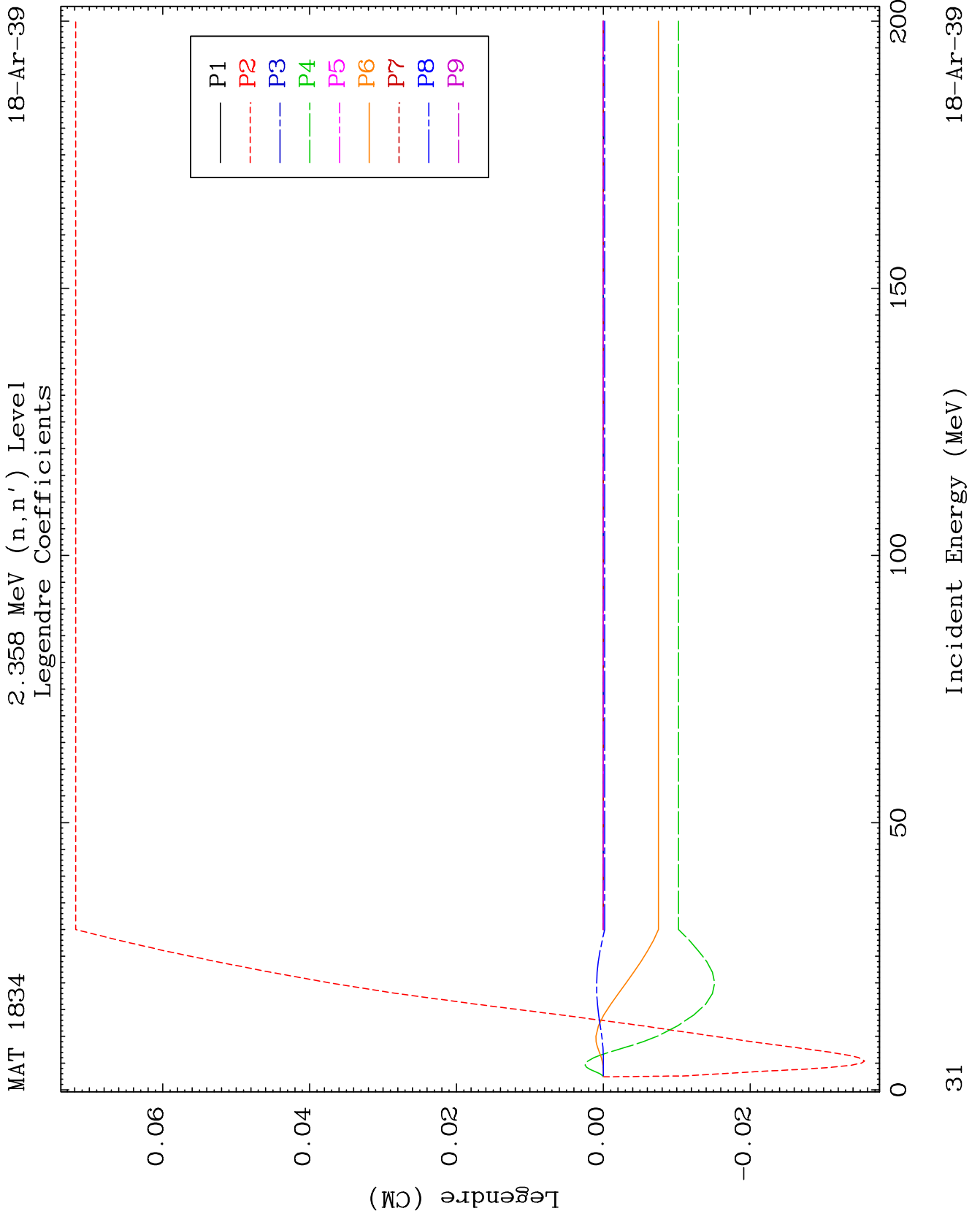


28

Incident Energy (MeV)

18-Ar-39

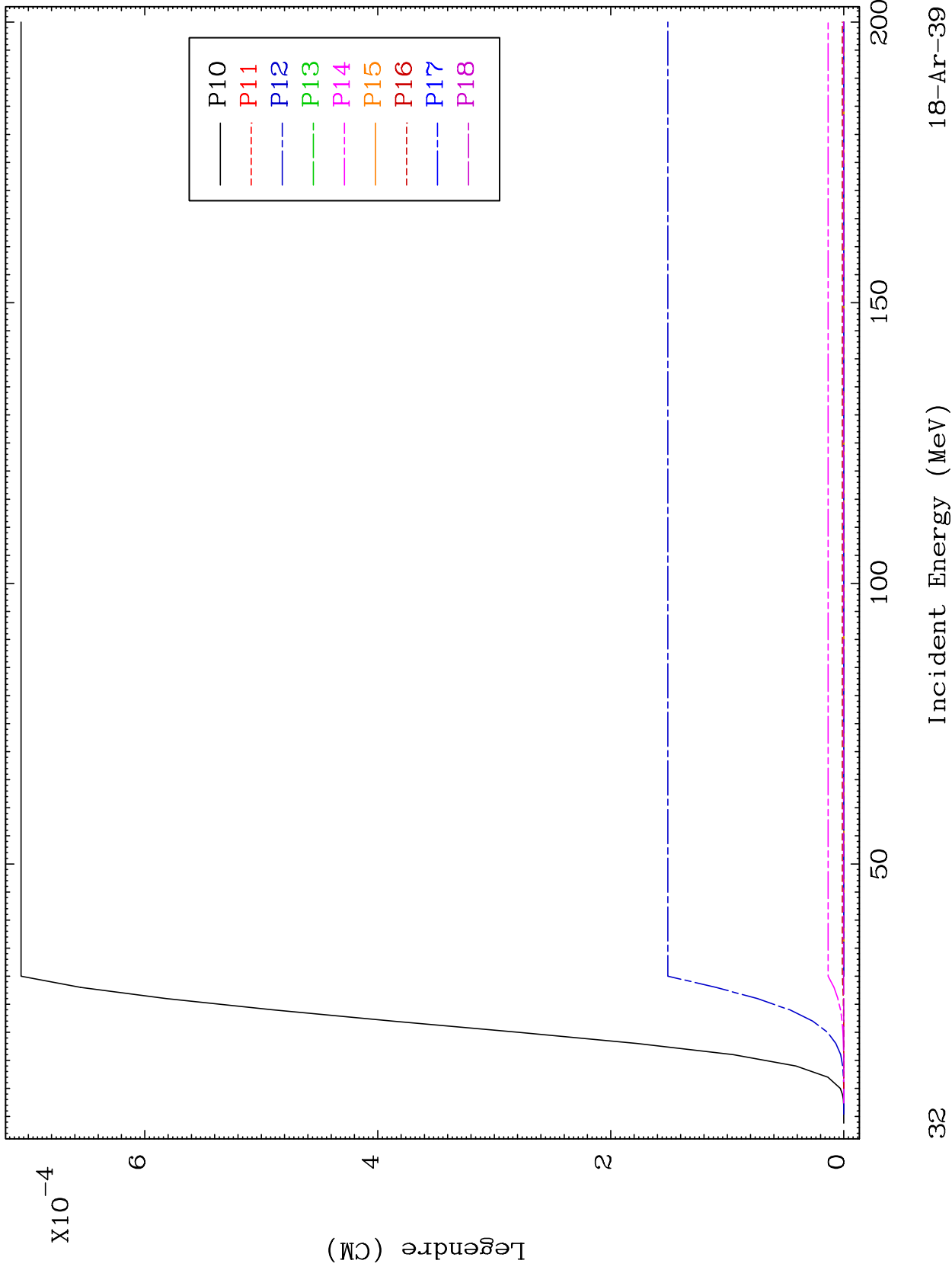


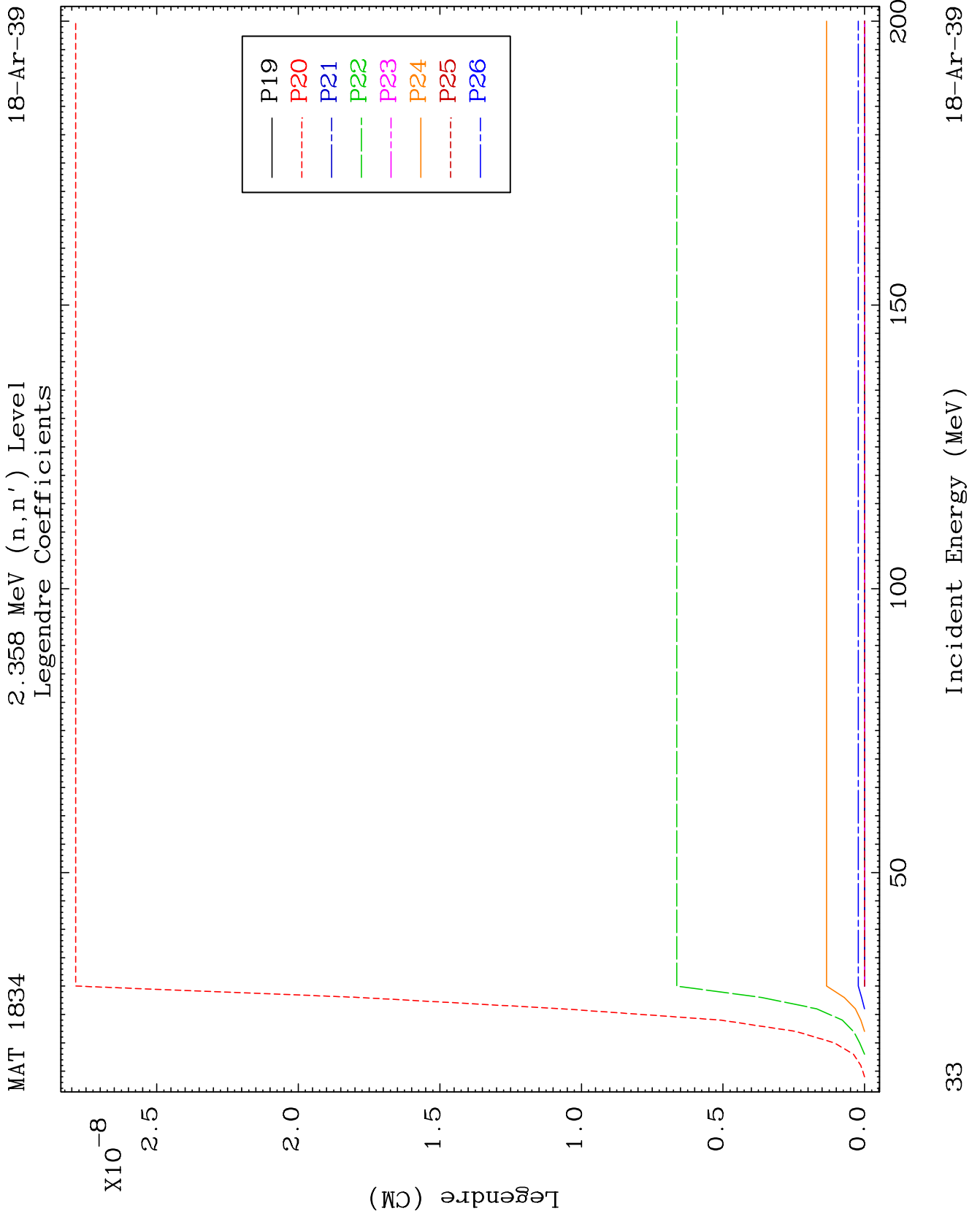


MAT 1834

2.358 MeV (n,n') Level
Legendre Coefficients

18-Ar-39

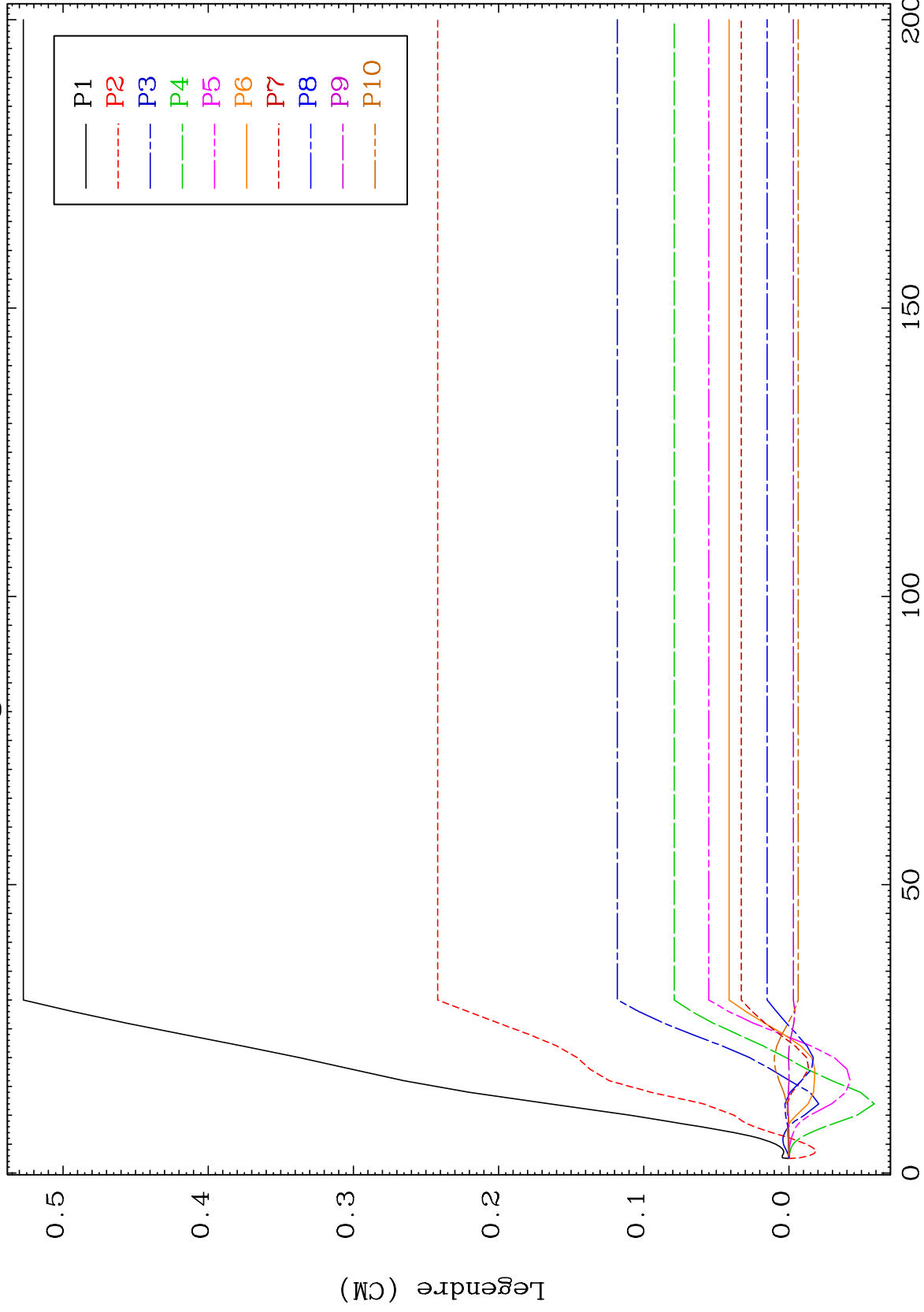




MAT 1834

2.433 MeV (n,n') Level
Legendre Coefficients

18-Ar-39



34

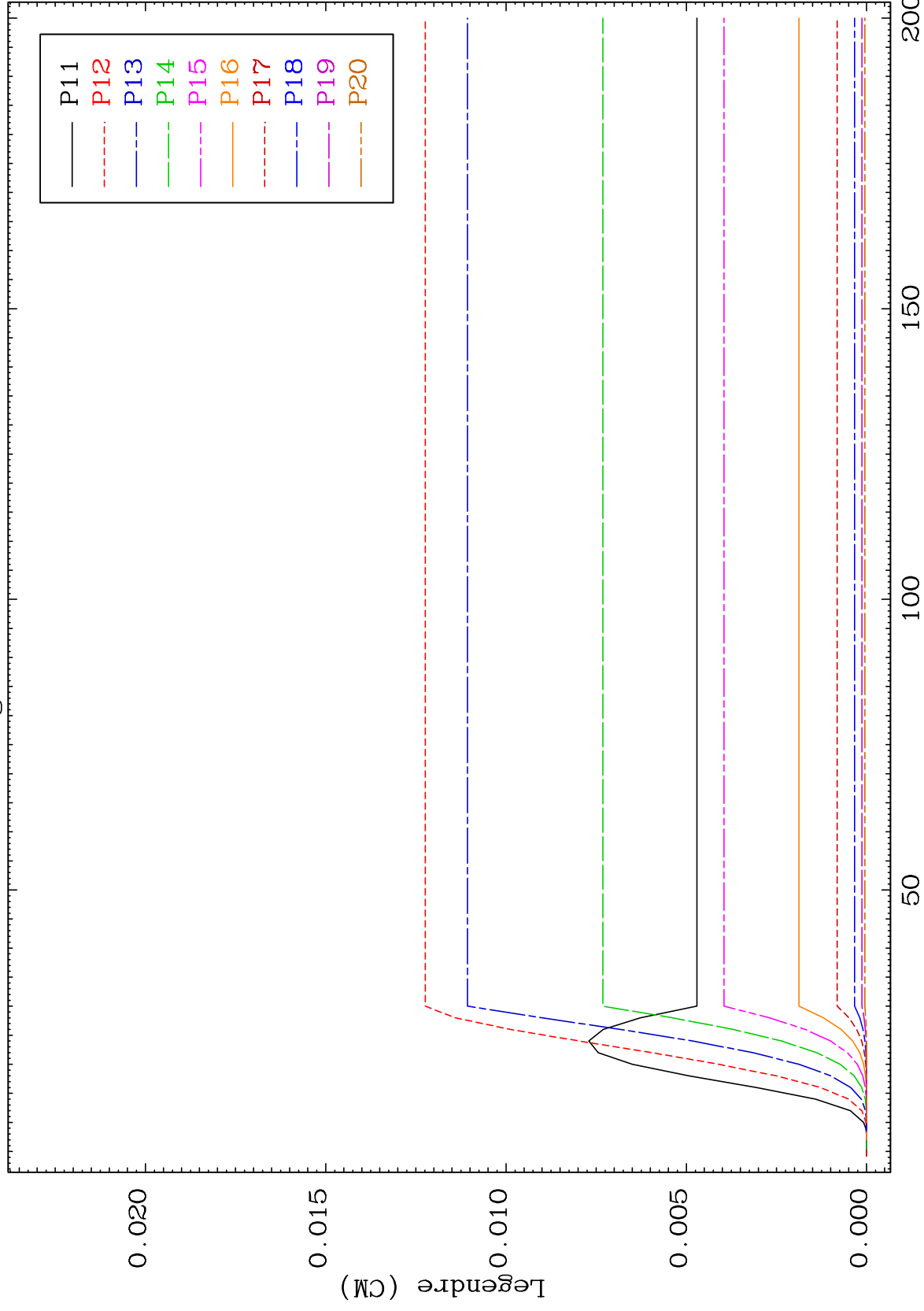
Incident Energy (MeV)

18-Ar-39

MAT 1834

2.433 MeV (n,n') Level
Legendre Coefficients

18-Ar-39



35

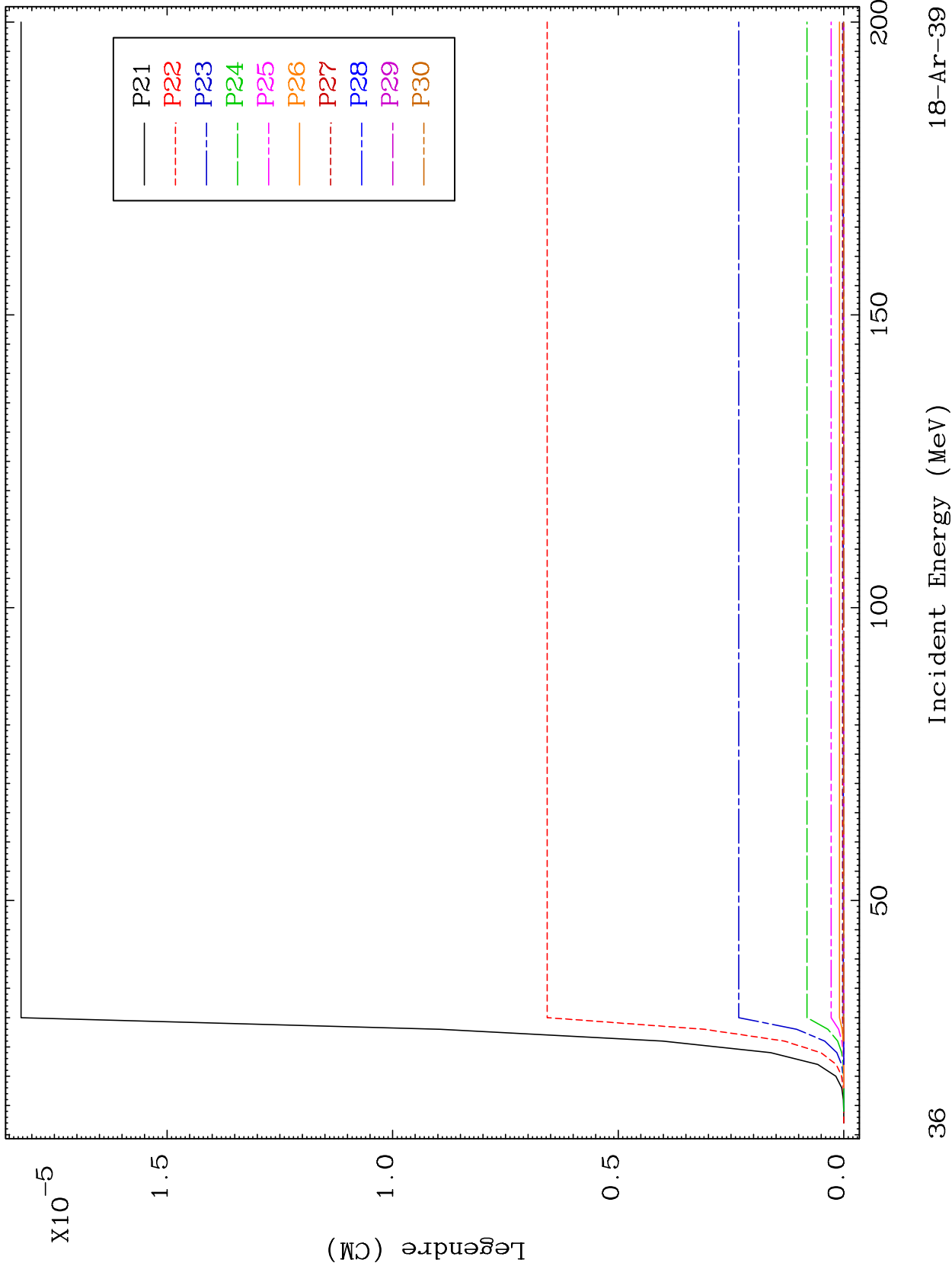
Incident Energy (MeV)

18-Ar-39

MAT 1834

2.433 MeV (n,n') Level
Legendre Coefficients

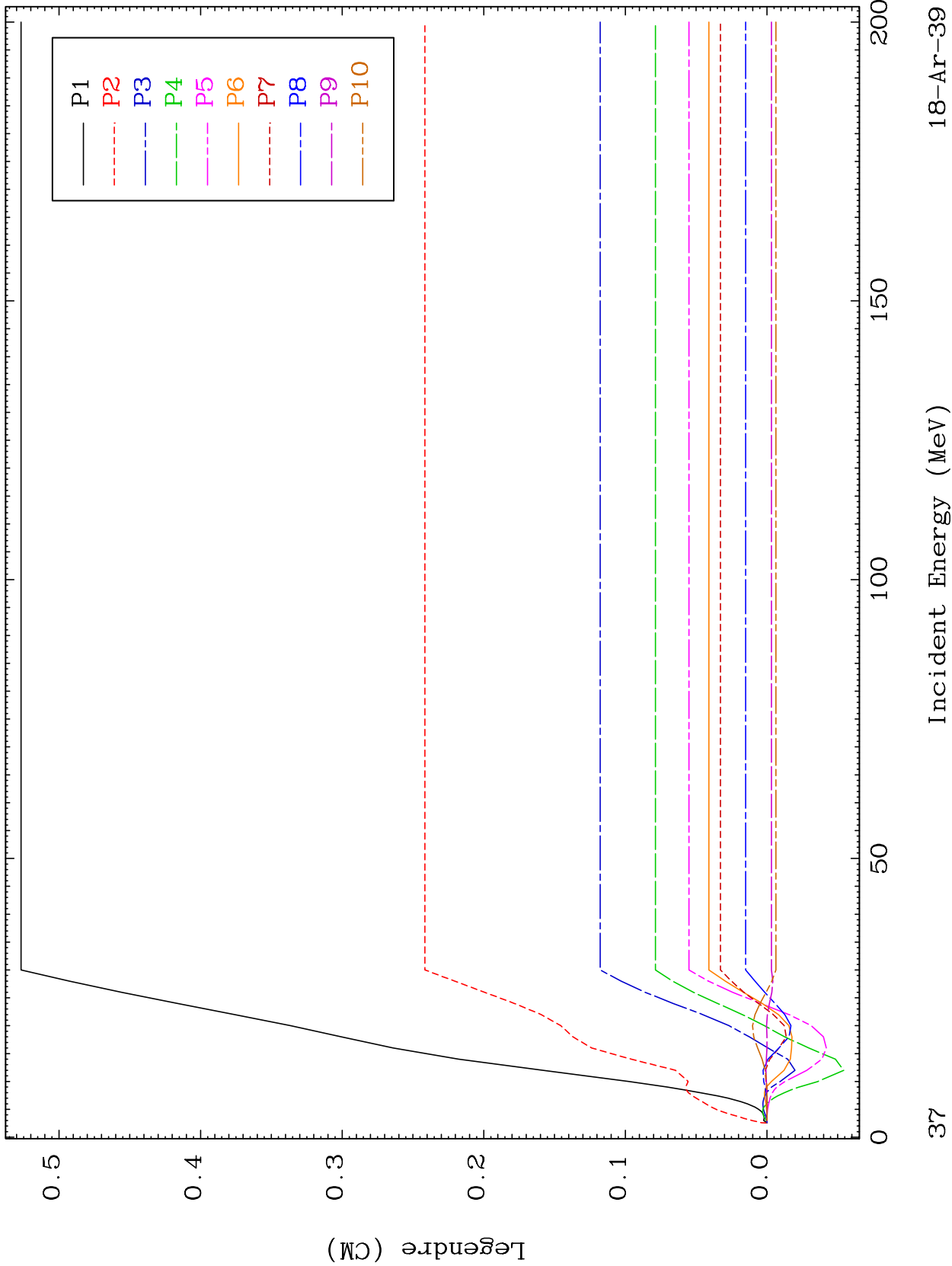
18-Ar-39



MAT 1834

2.481 MeV (n,n') Level
Legendre Coefficients

18-Ar-39



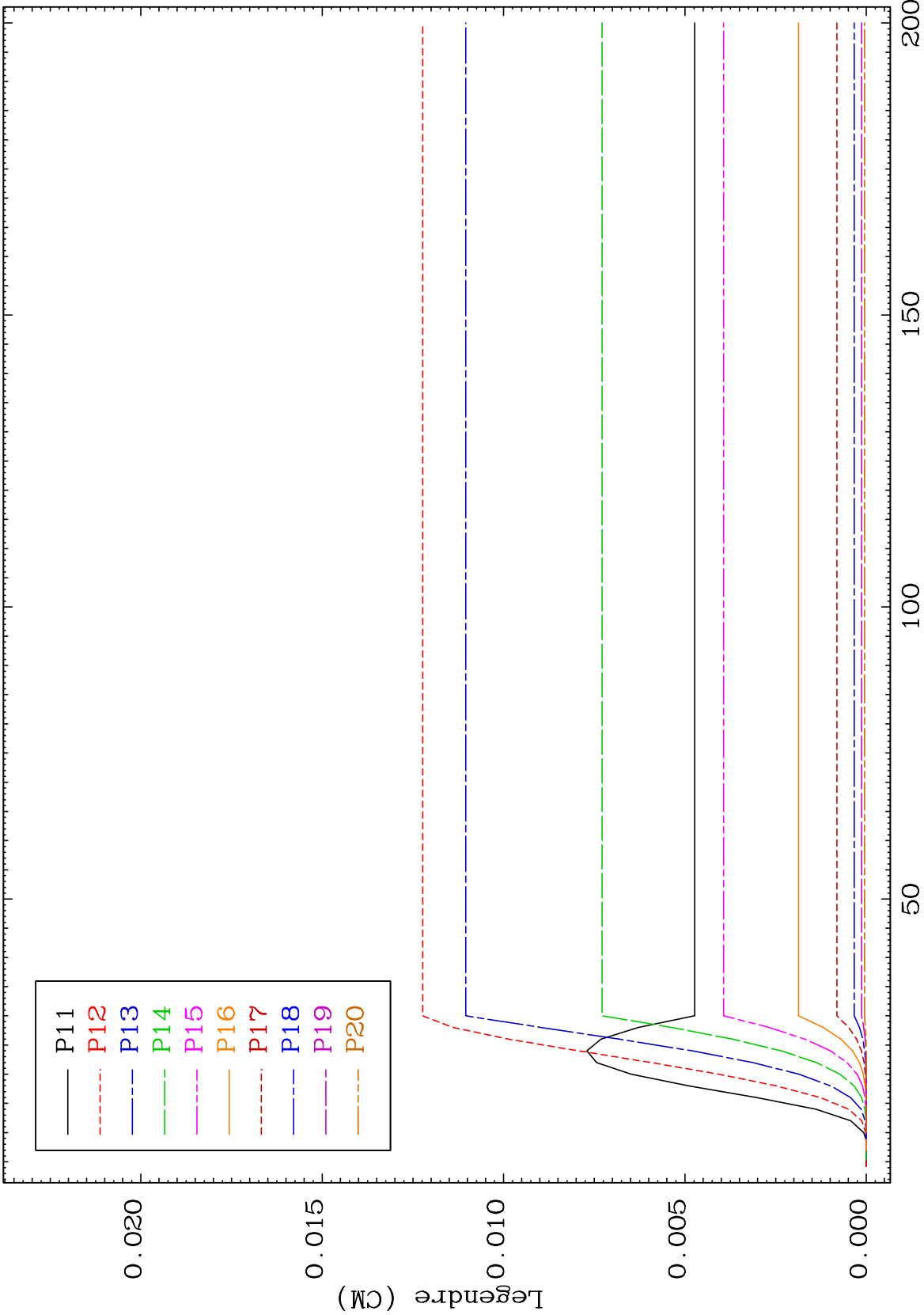
37

18-Ar-39

MAT 1834

2.481 MeV (n,n') Level
Legendre Coefficients

18-Ar-39



38

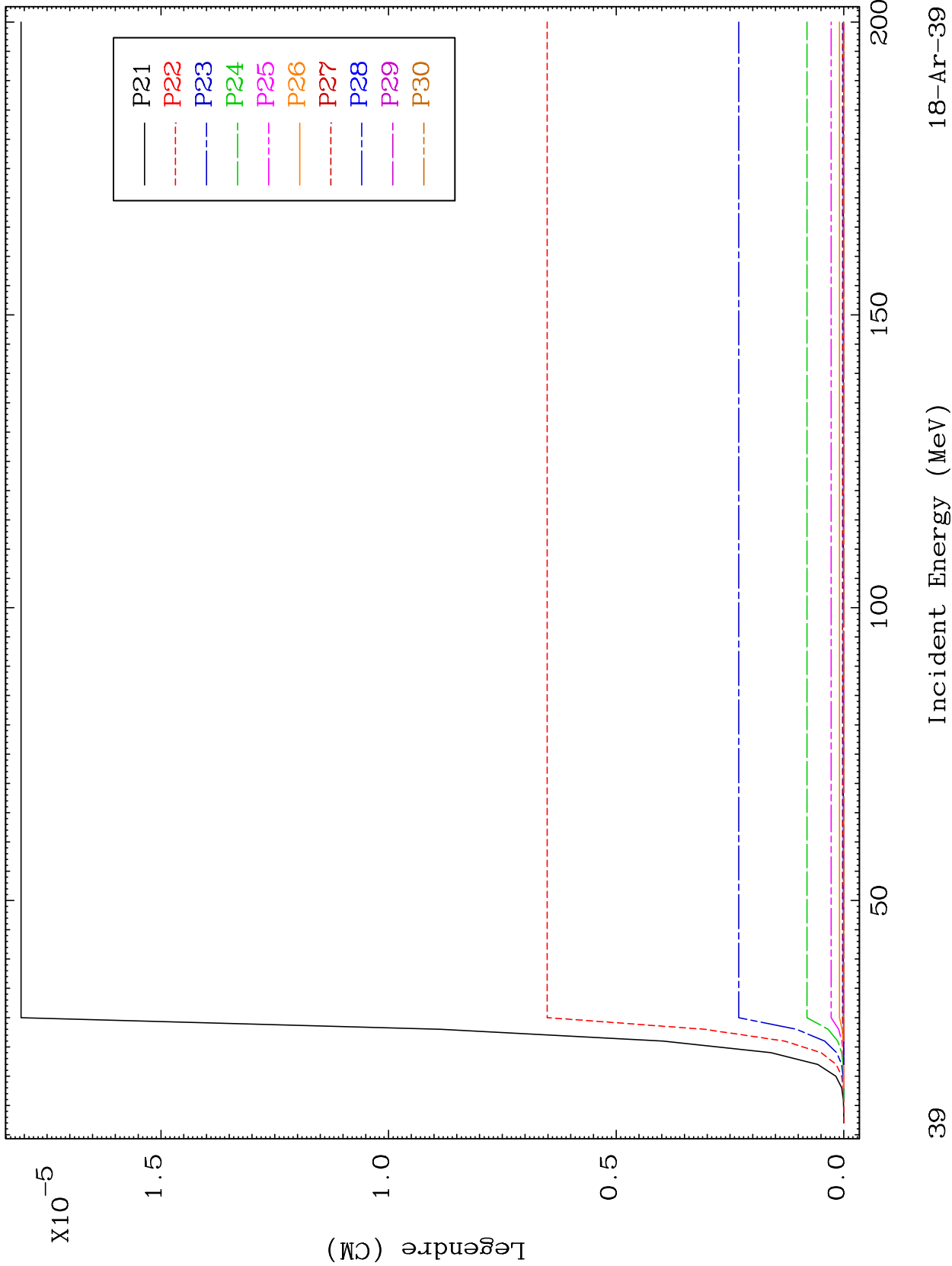
Incident Energy (MeV)

18-Ar-39

MAT 1834

2.481 MeV (n,n') Level
Legendre Coefficients

18-Ar-39



18-Ar-39

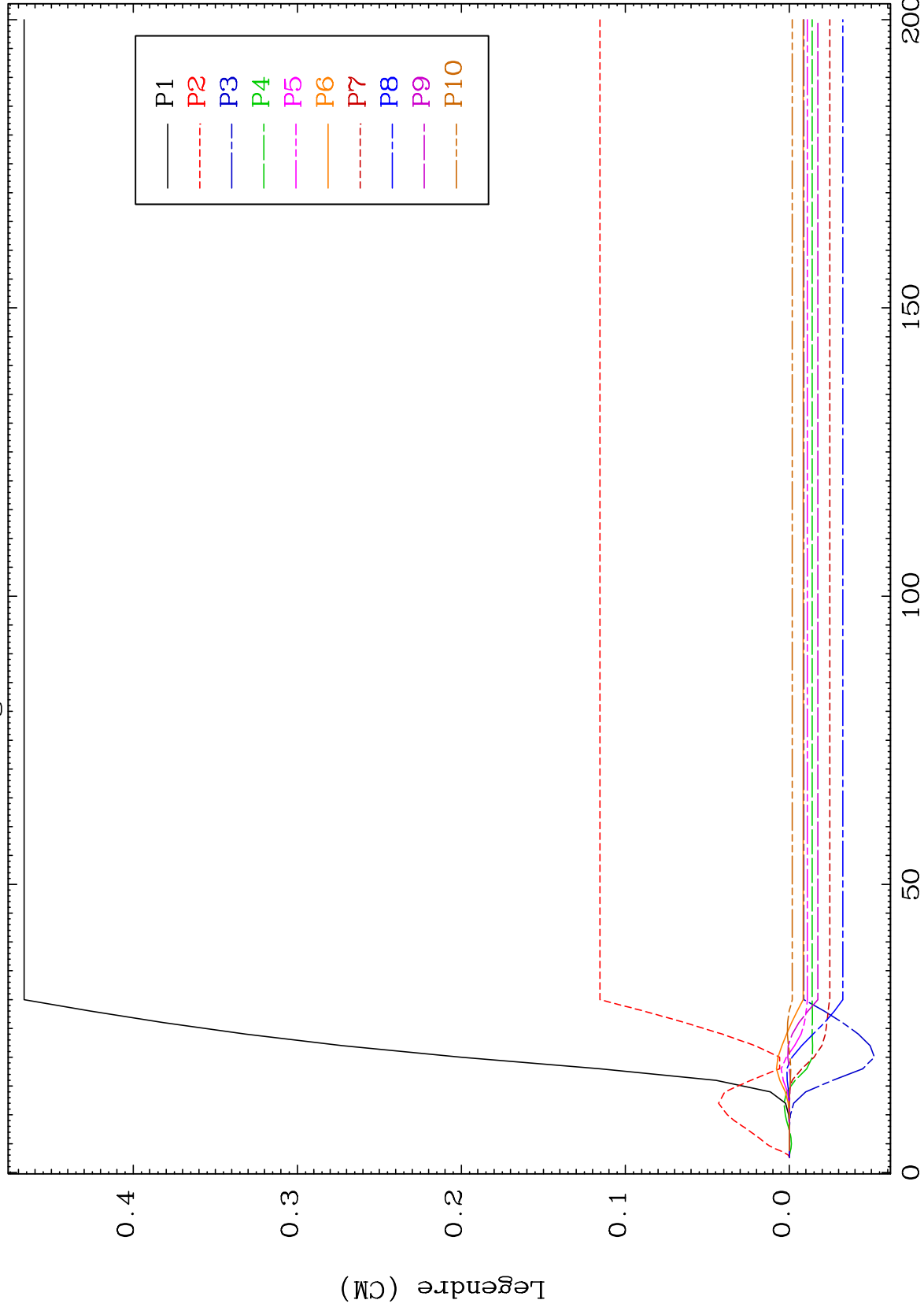
18-Ar-39

39

MAT 1834

2.503 MeV (n,n') Level
Legendre Coefficients

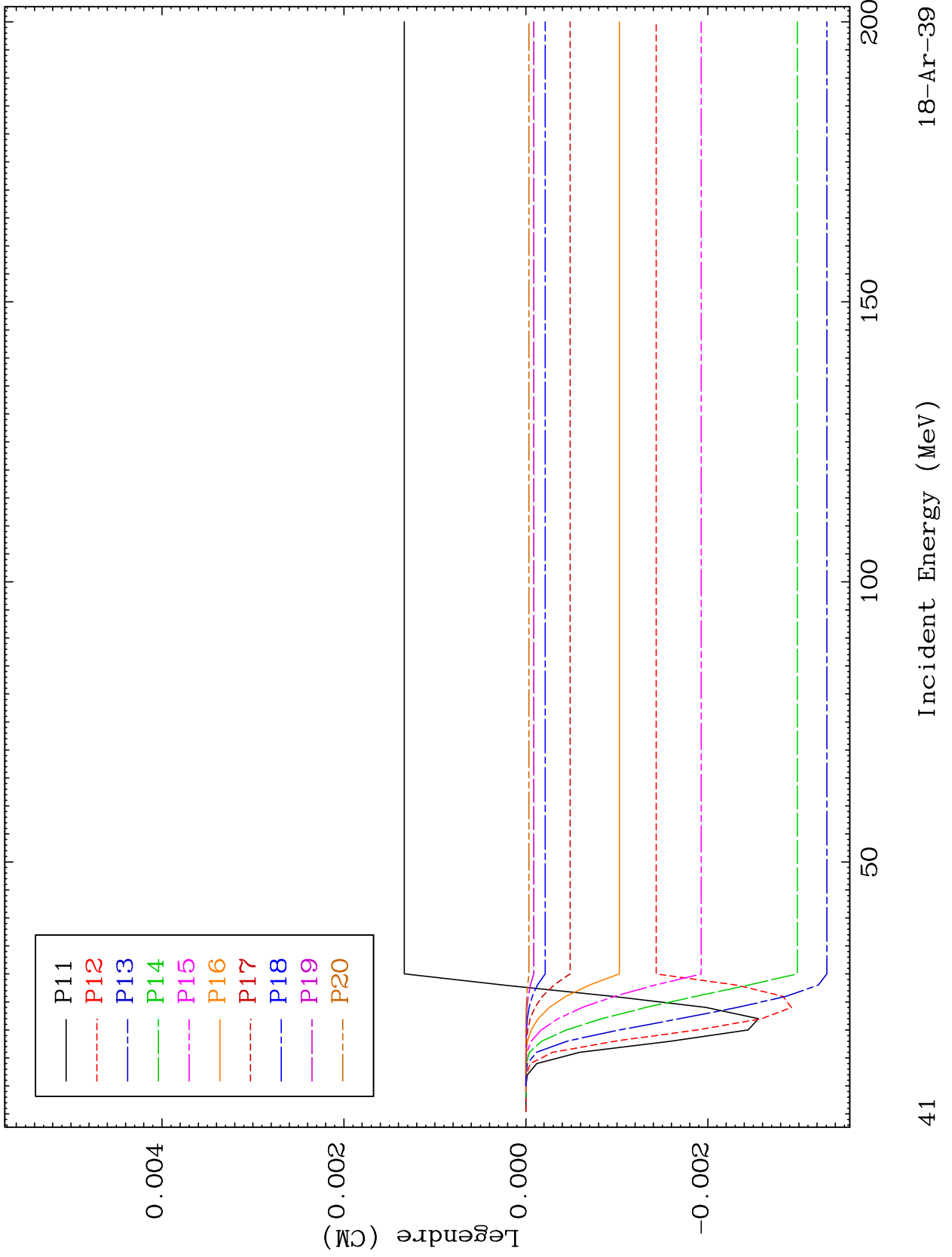
18-Ar-39

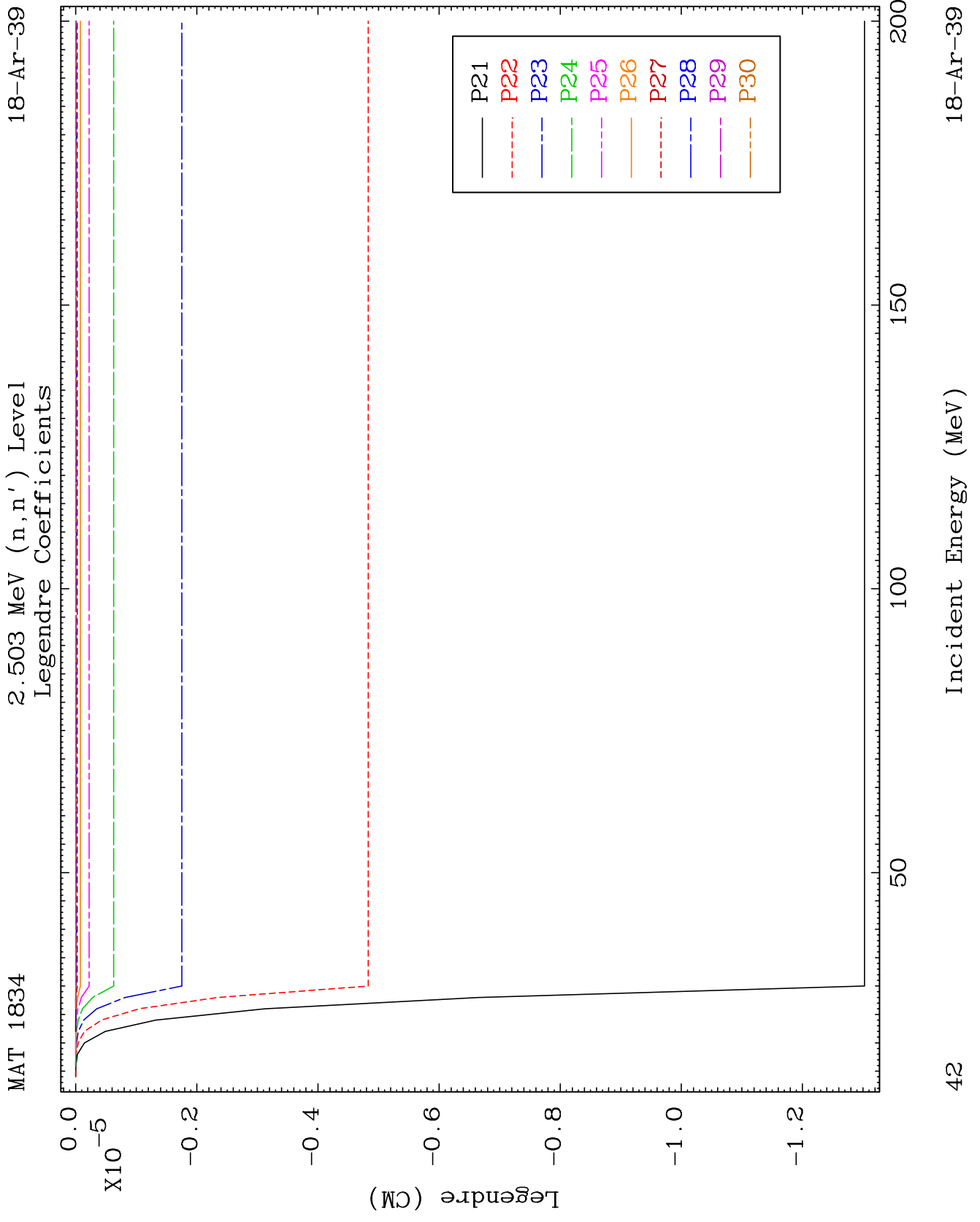


18-Ar-39

Incident Energy (MeV)

40

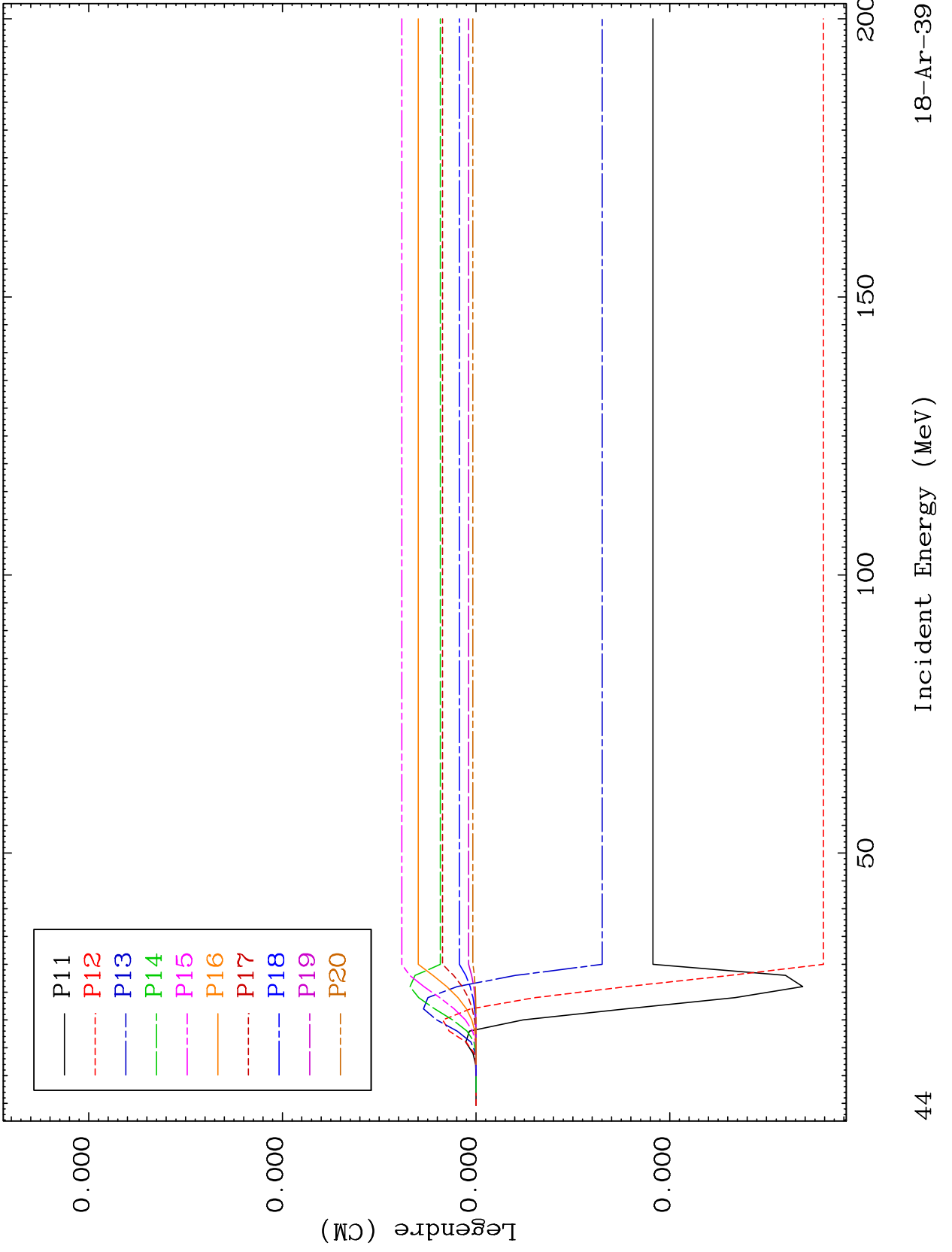




MAT 1834

2.524 MeV (n,n') Level
Legendre Coefficients

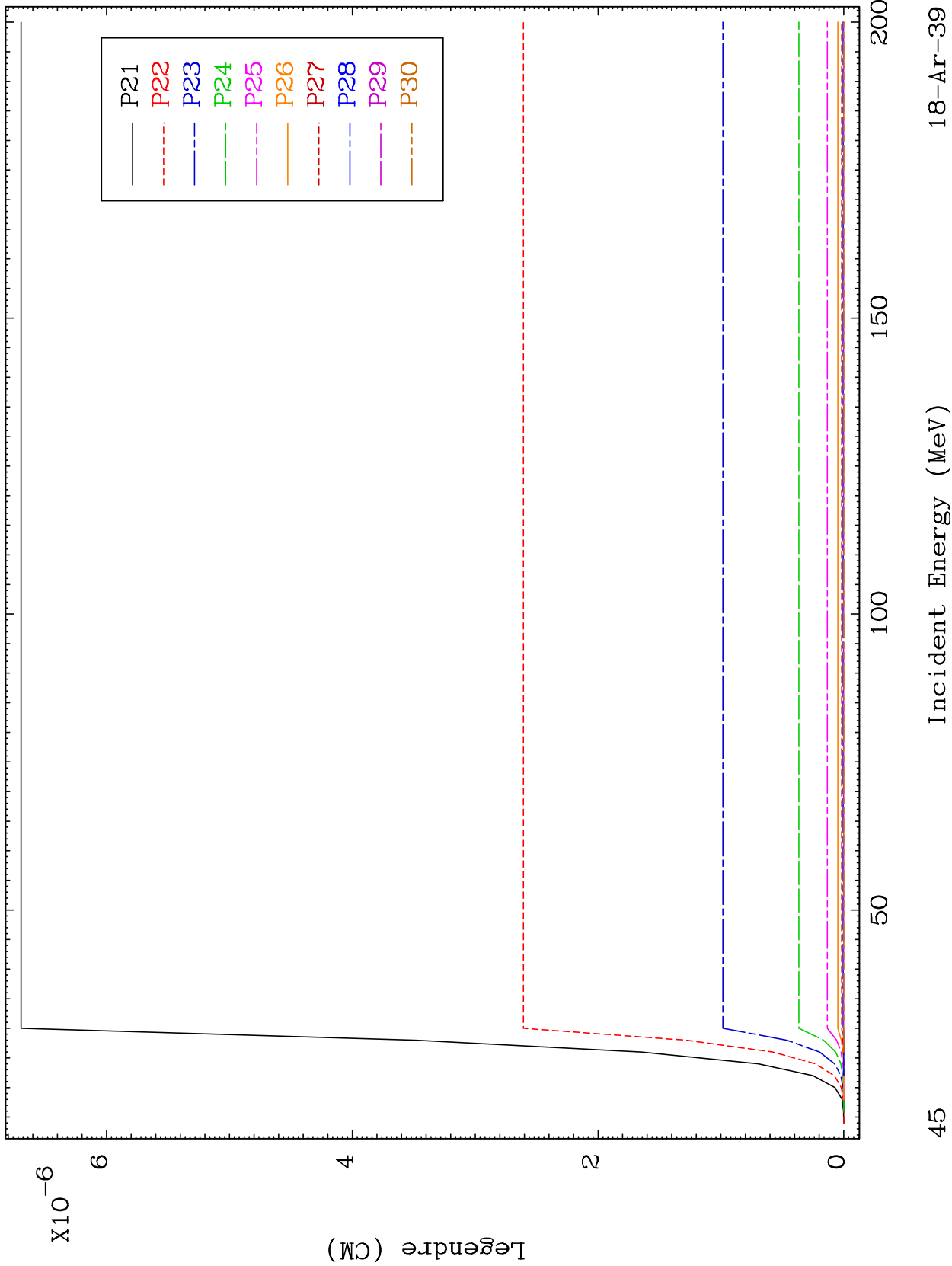
18-Ar-39

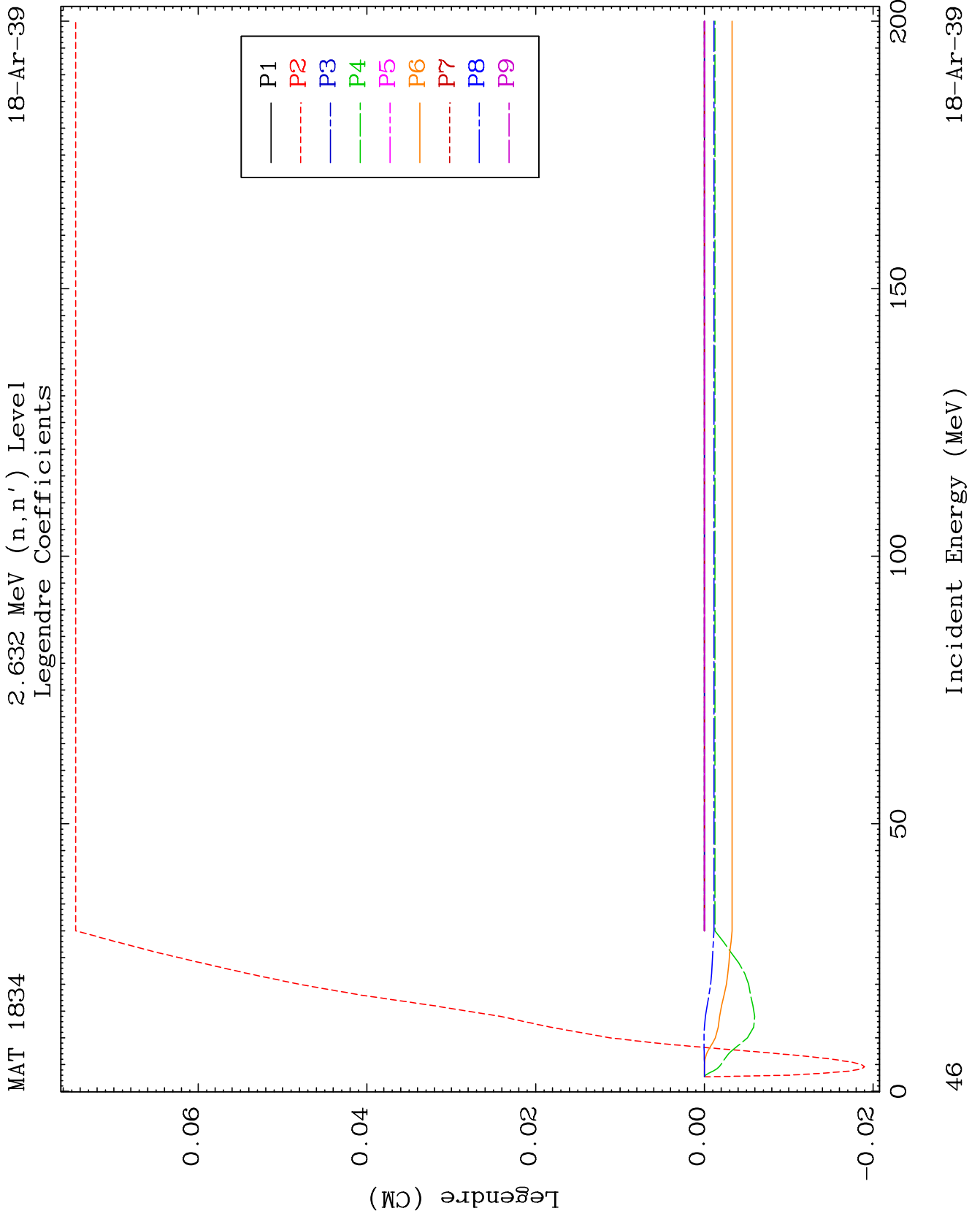


MAT 1834

2.524 MeV (n,n') Level
Legendre Coefficients

18-Ar-39

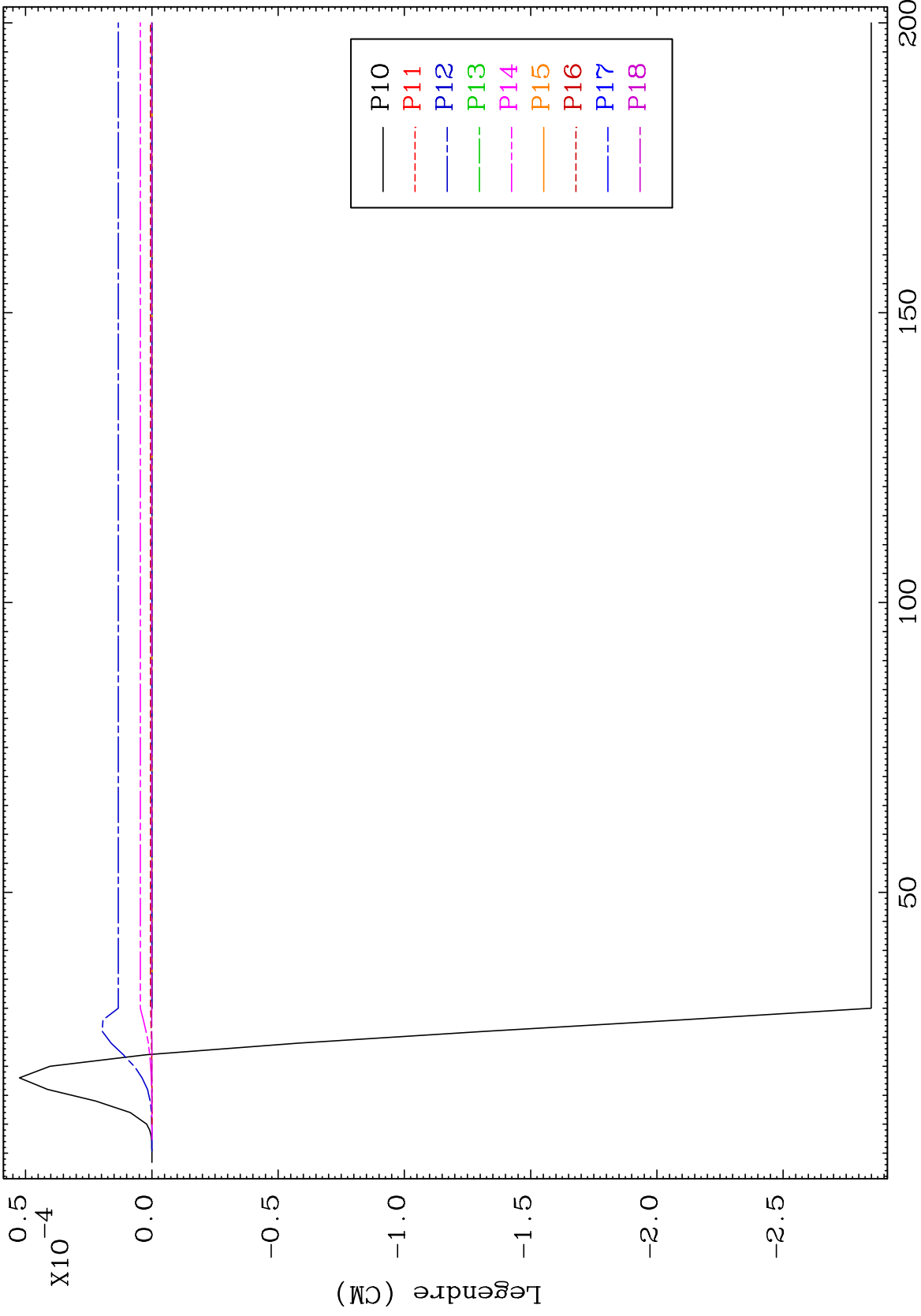




MAT 1834

2.632 MeV (n,n') Level
Legendre Coefficients

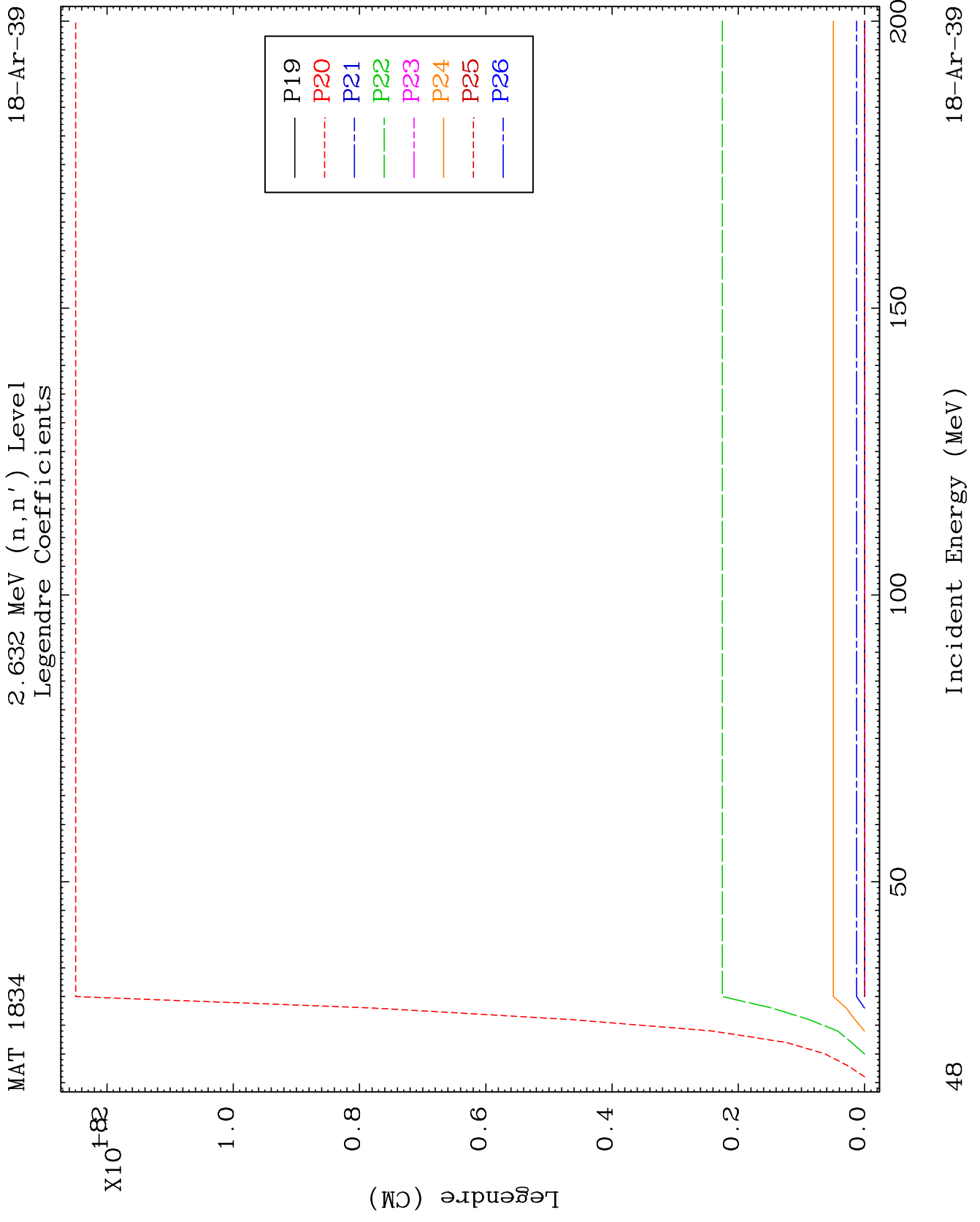
18-Ar-39

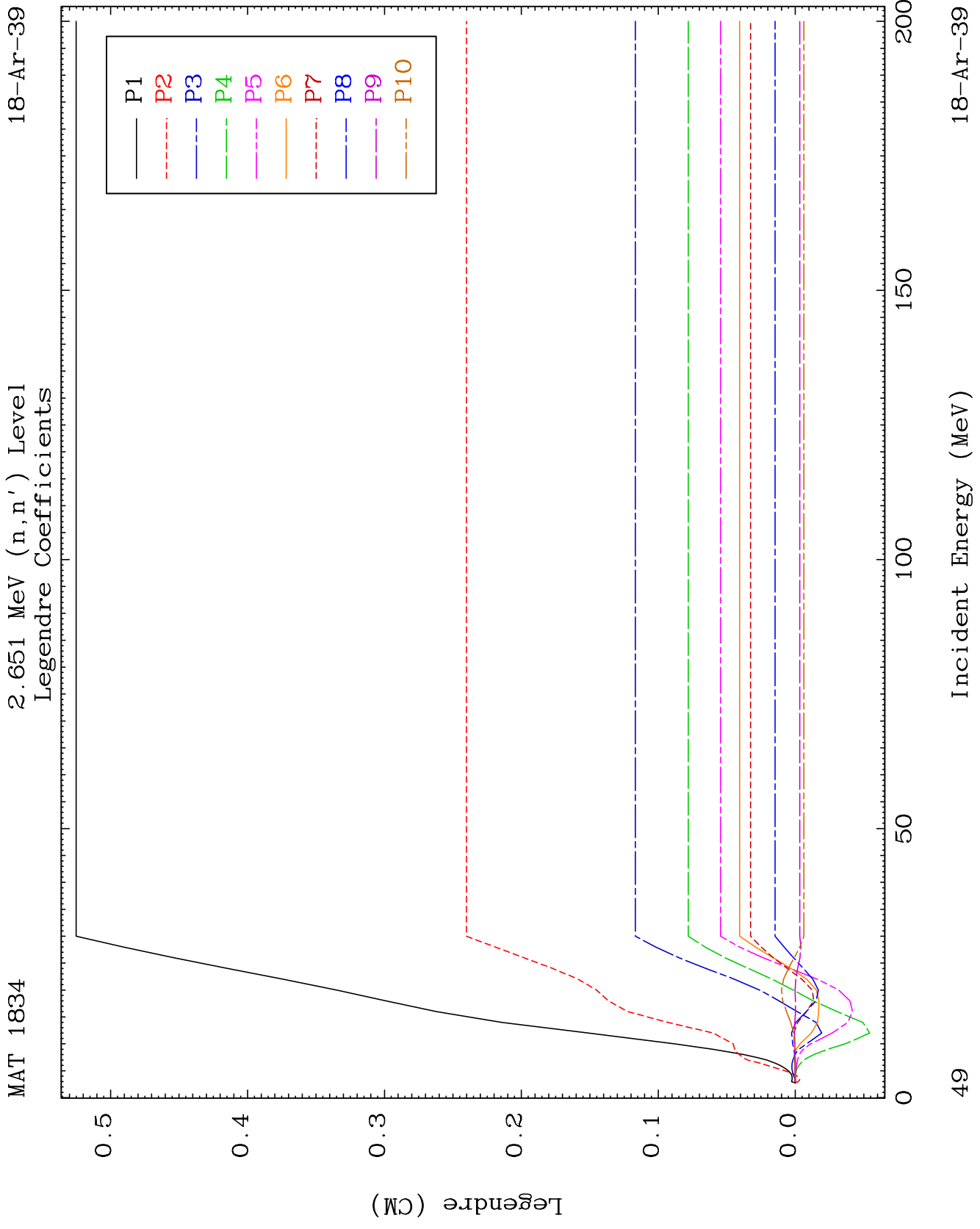


47

Incident Energy (MeV)

18-Ar-39

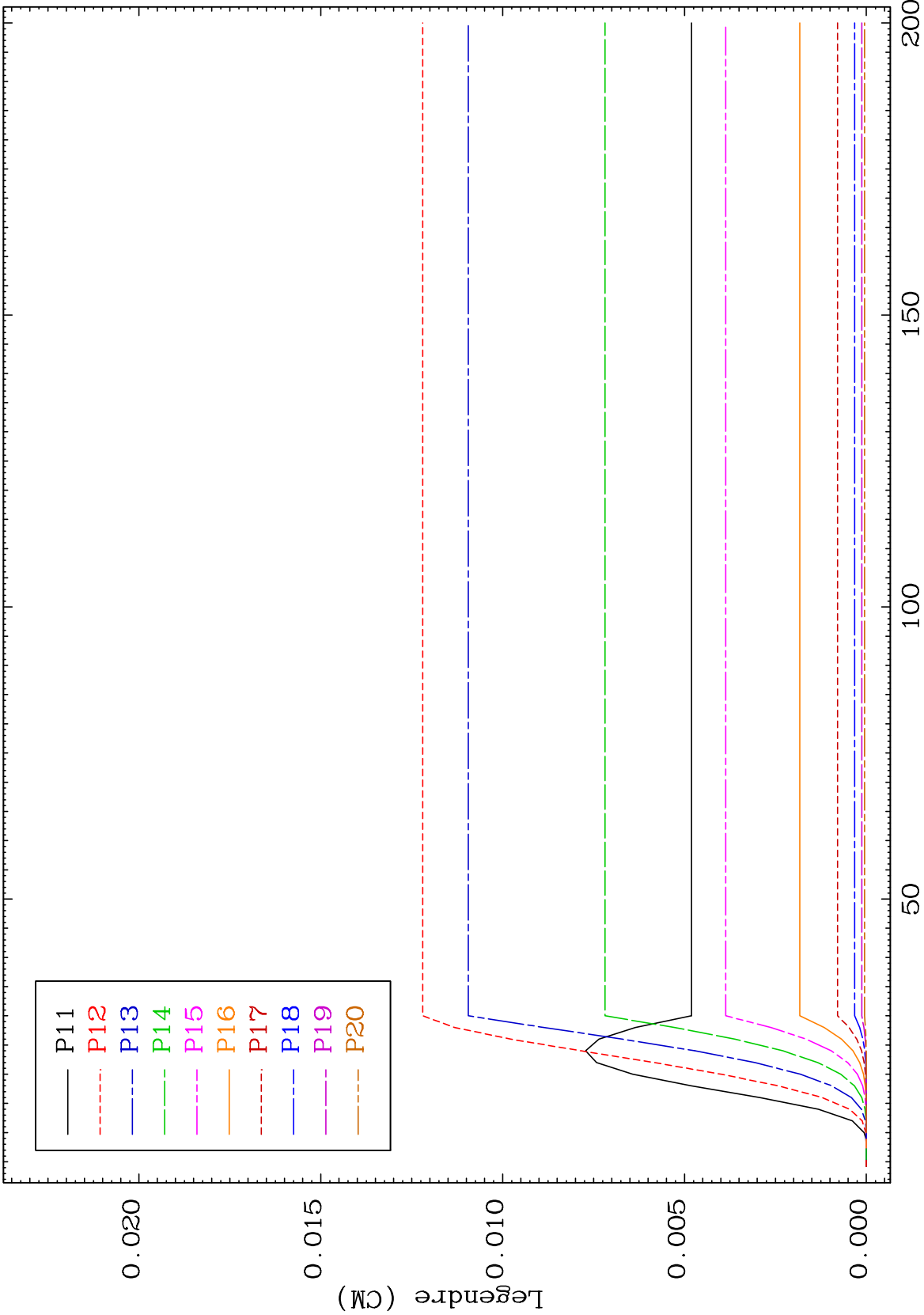




MAT 1834

2.651 MeV (n,n') Level
Legendre Coefficients

18-Ar-39



50

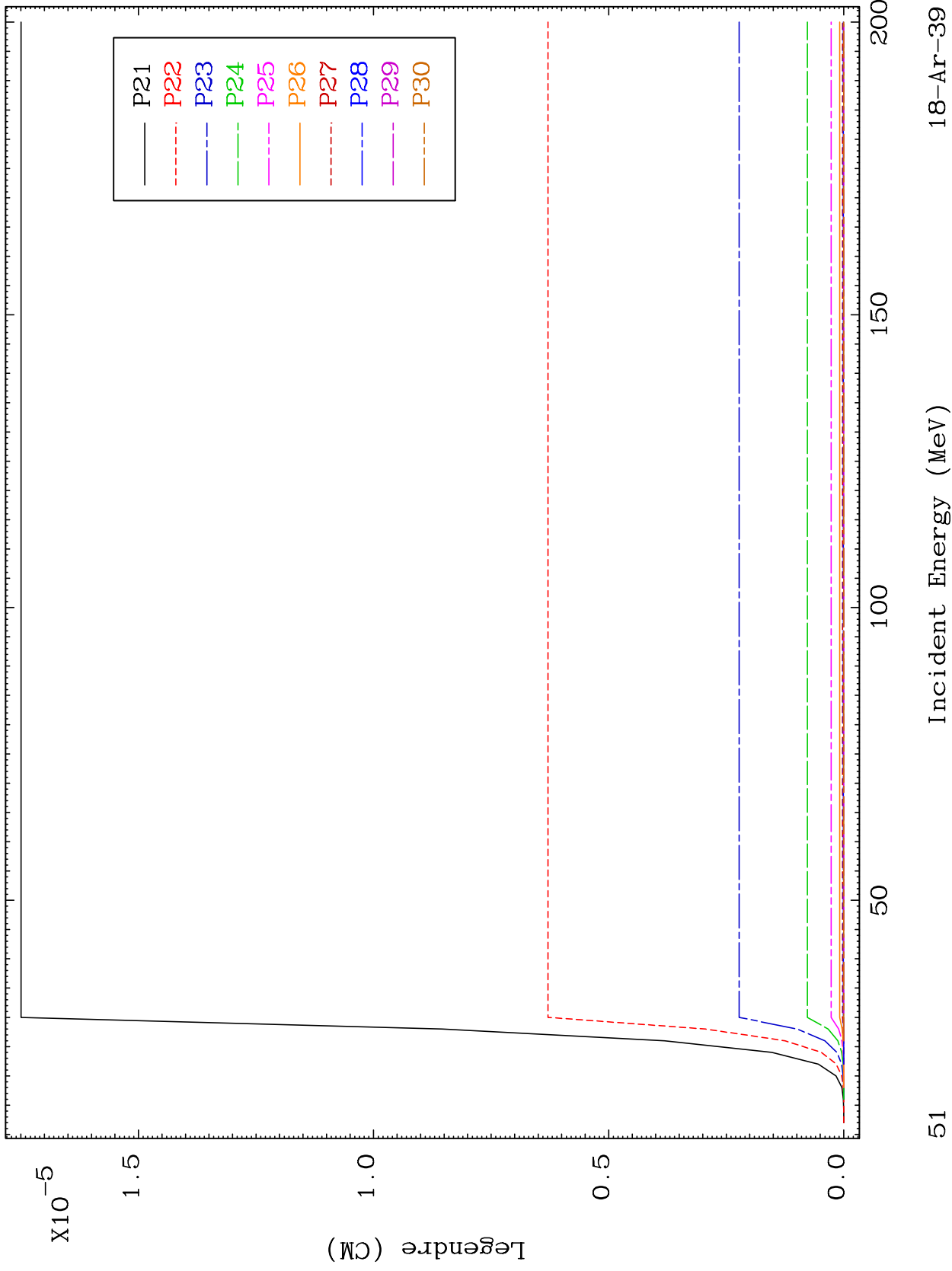
Incident Energy (MeV)

18-Ar-39

MAT 1834

2.651 MeV (n,n') Level
Legendre Coefficients

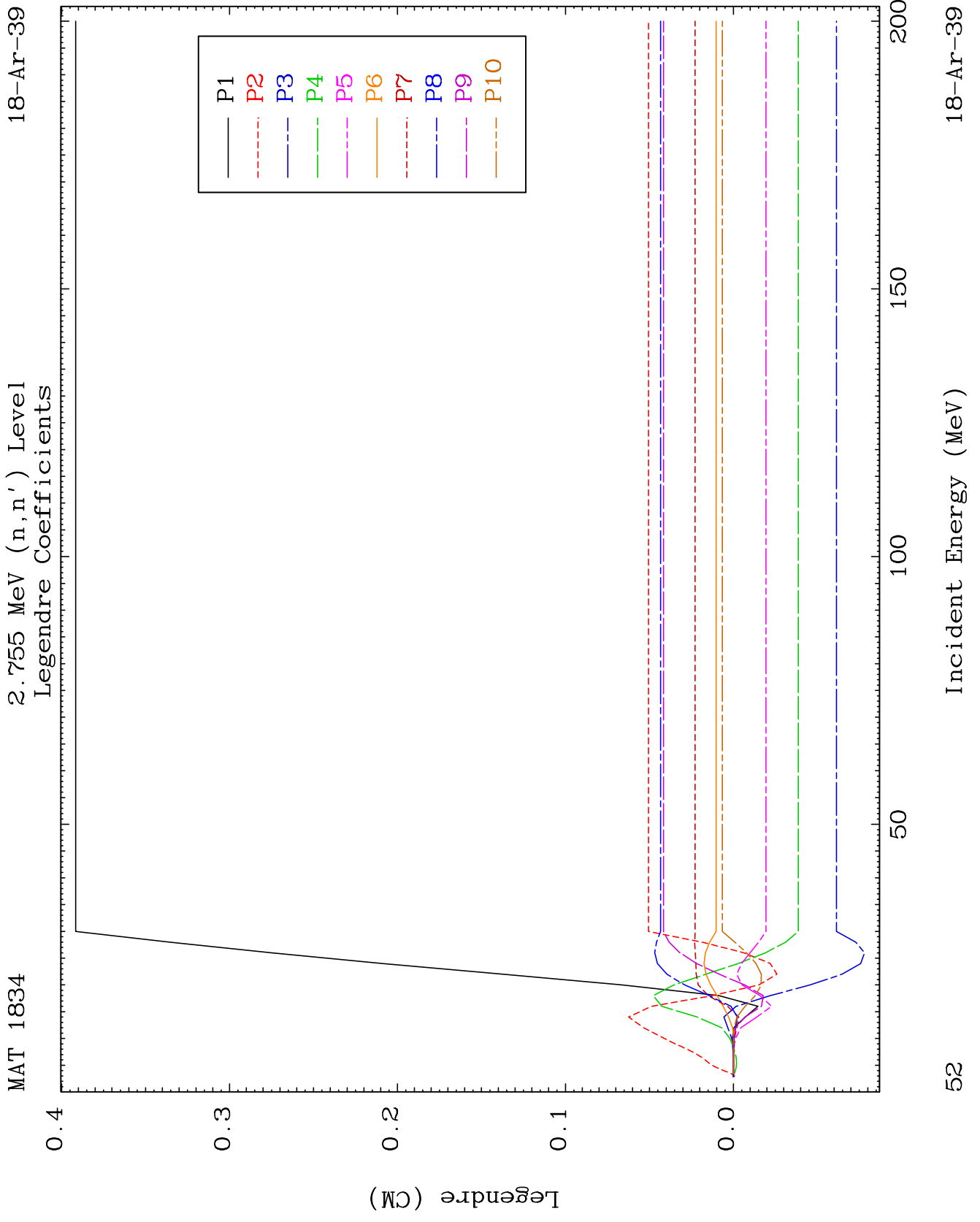
18-Ar-39



51

Incident Energy (MeV)

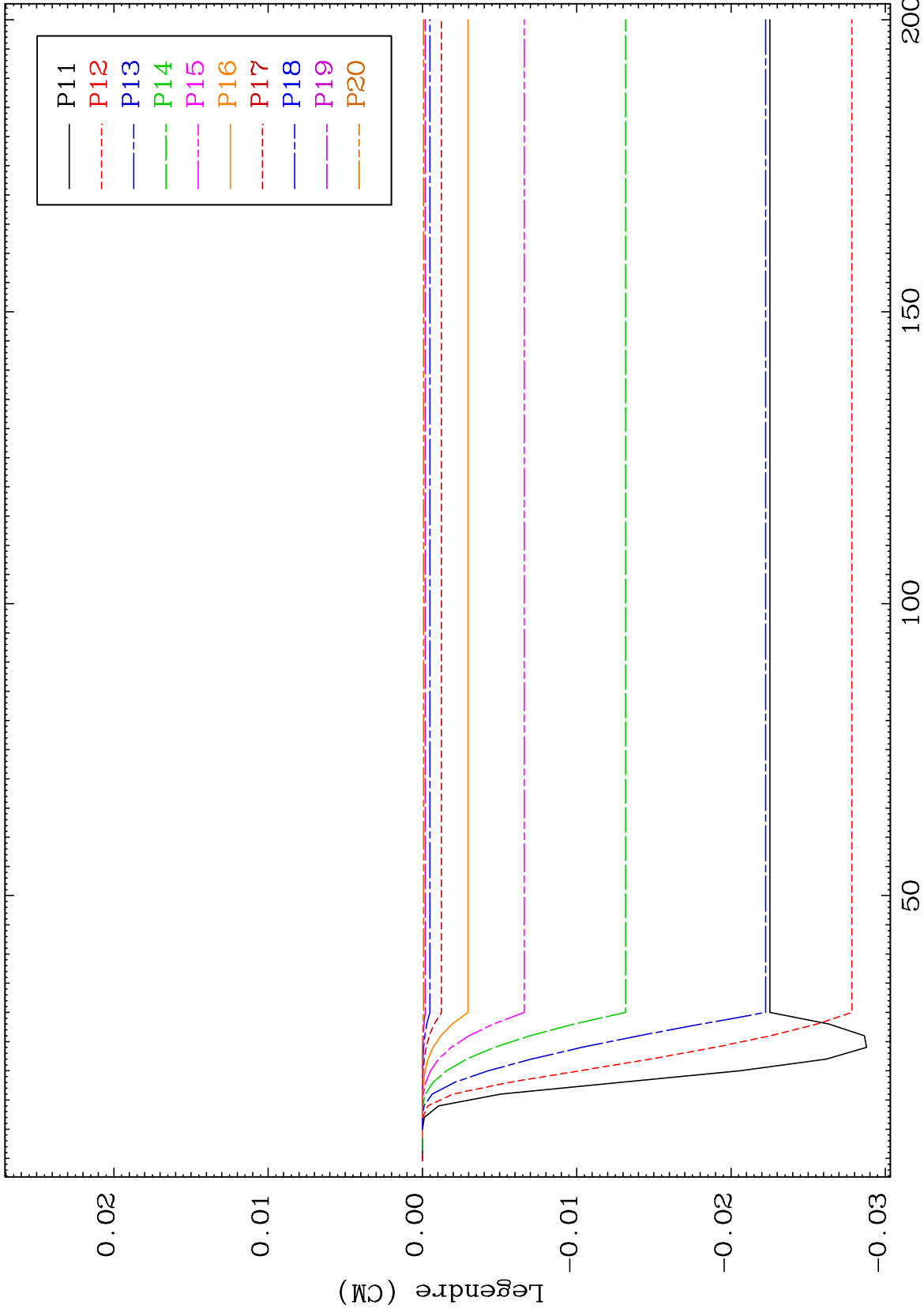
18-Ar-39



MAT 1834

2.755 MeV (n,n') Level
Legendre Coefficients

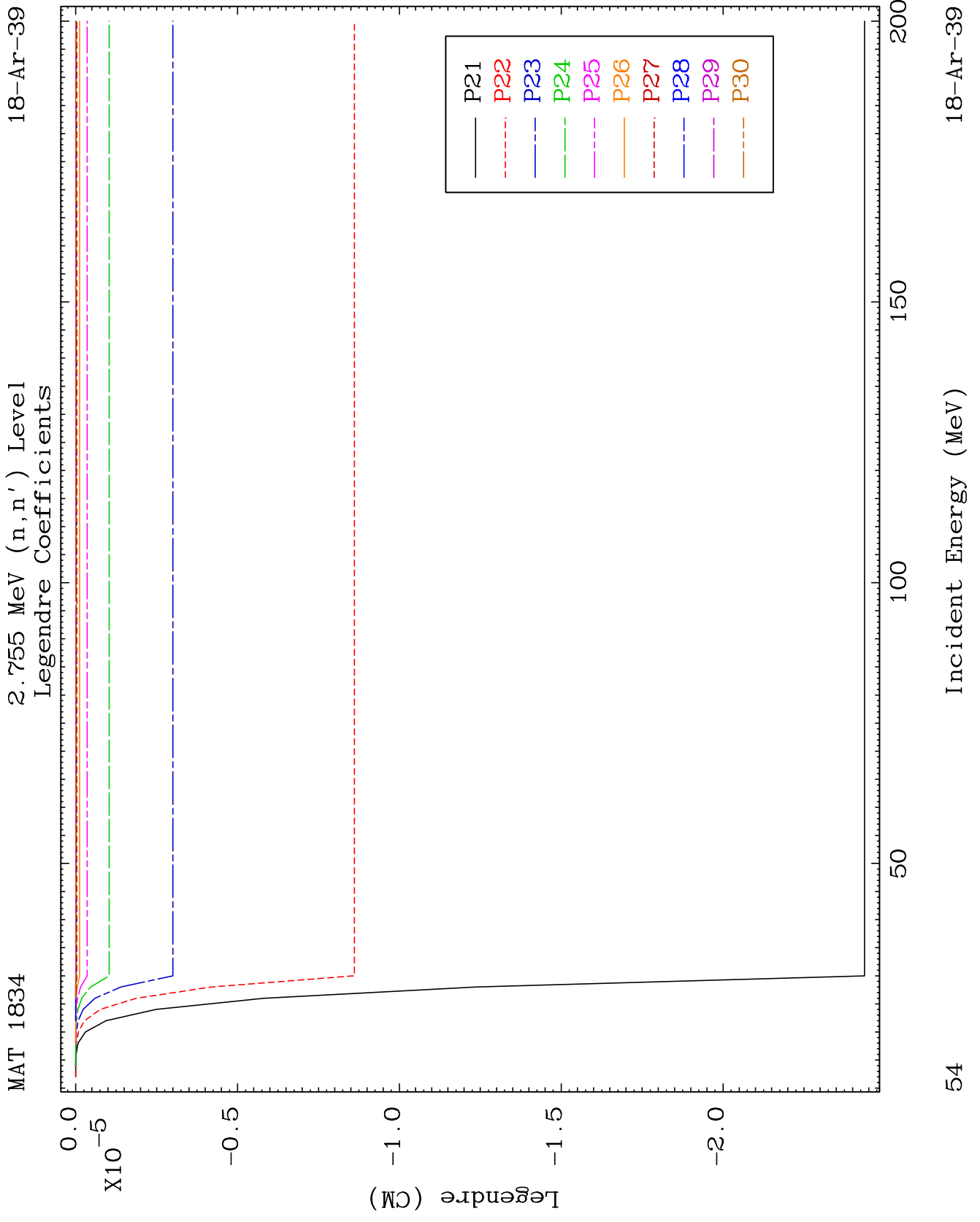
18-Ar-39

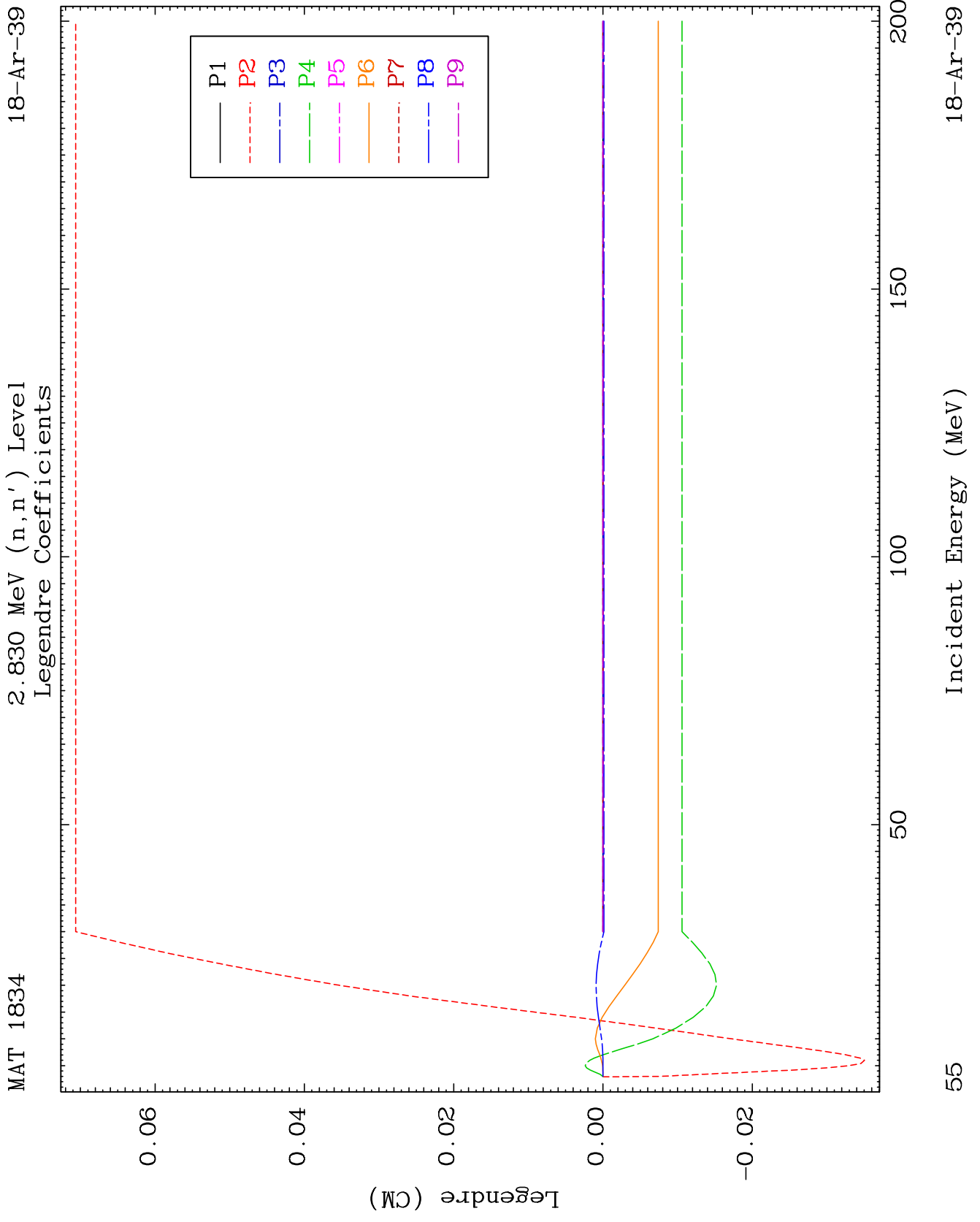


53

Incident Energy (MeV)

18-Ar-39

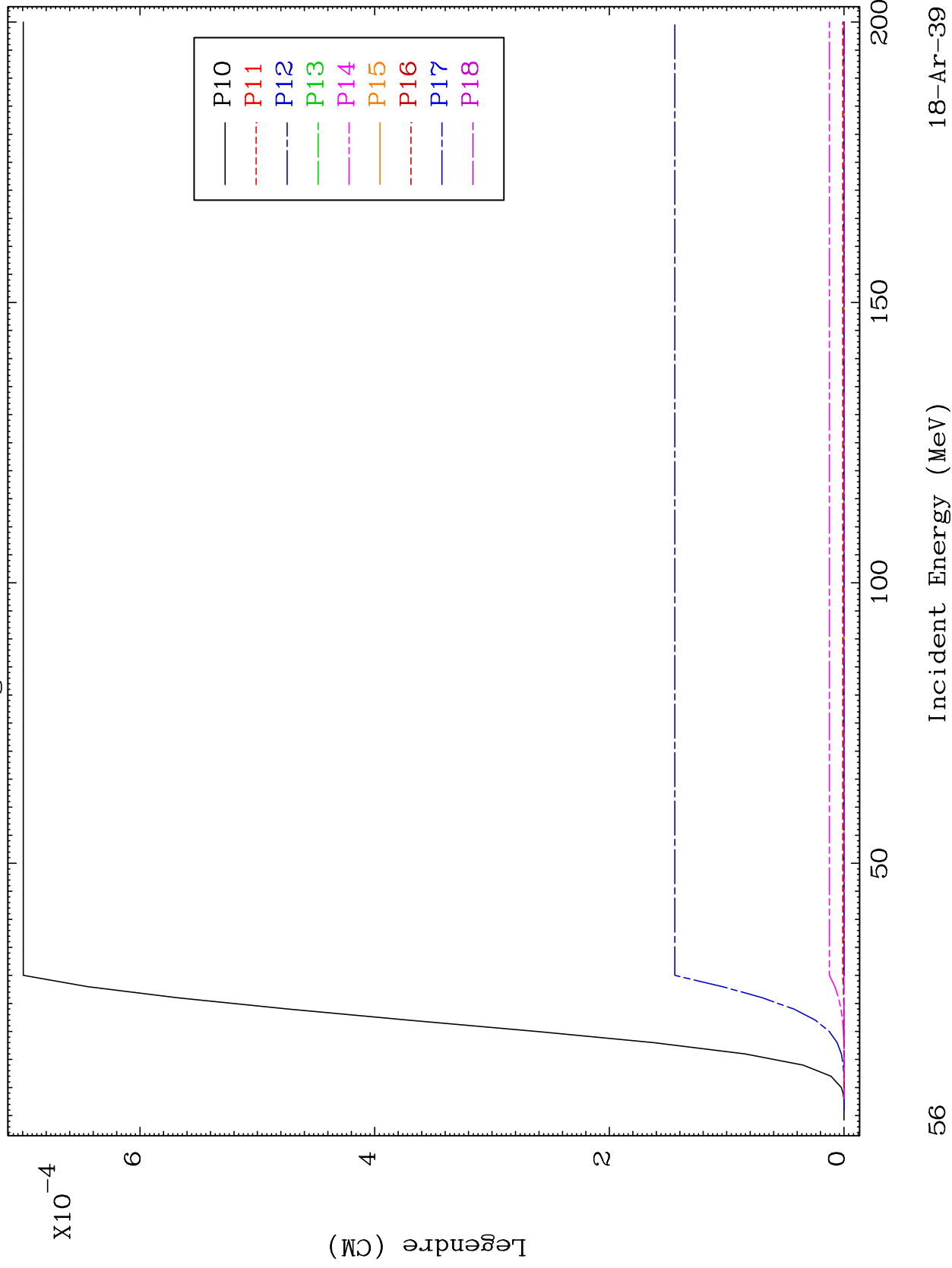


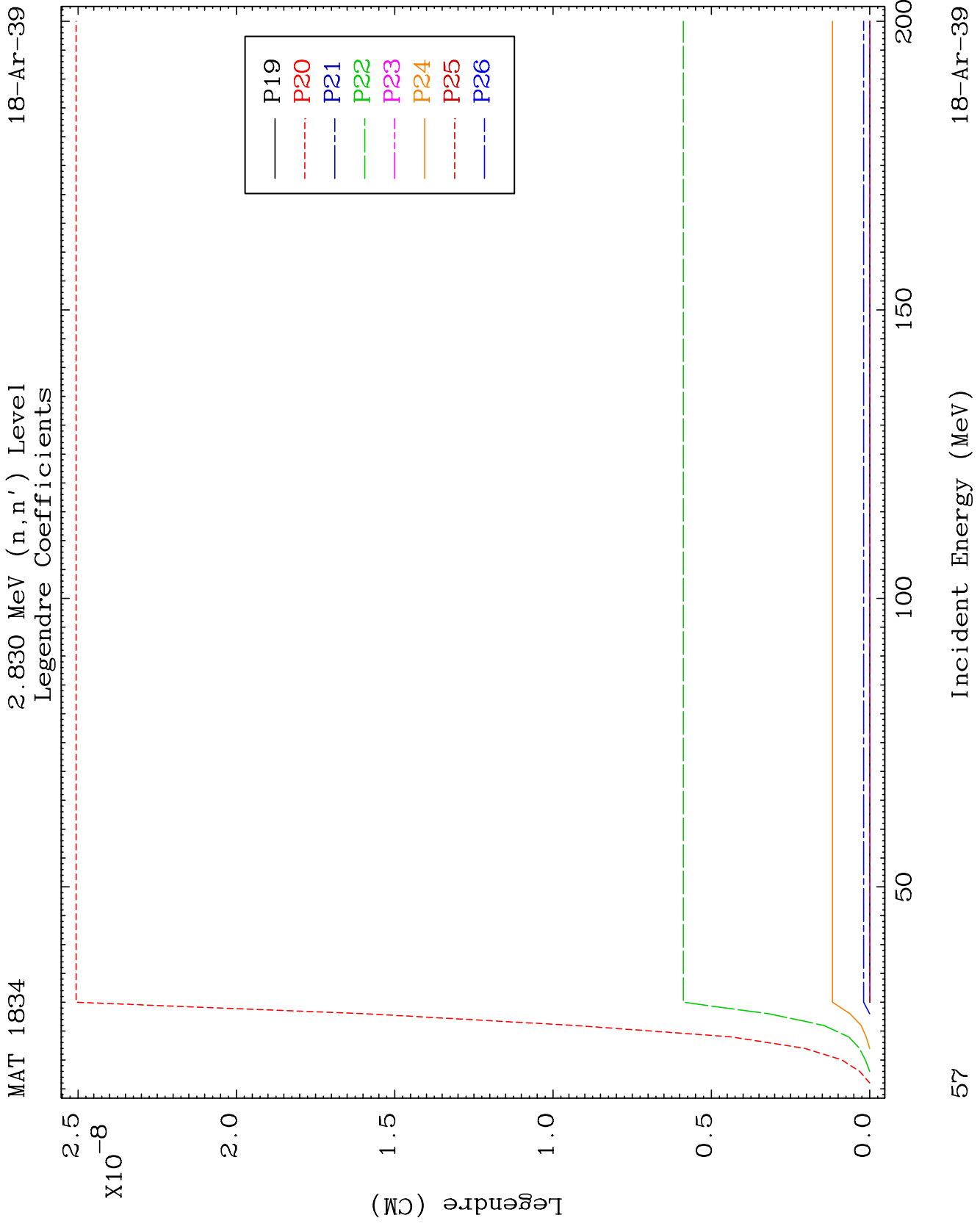


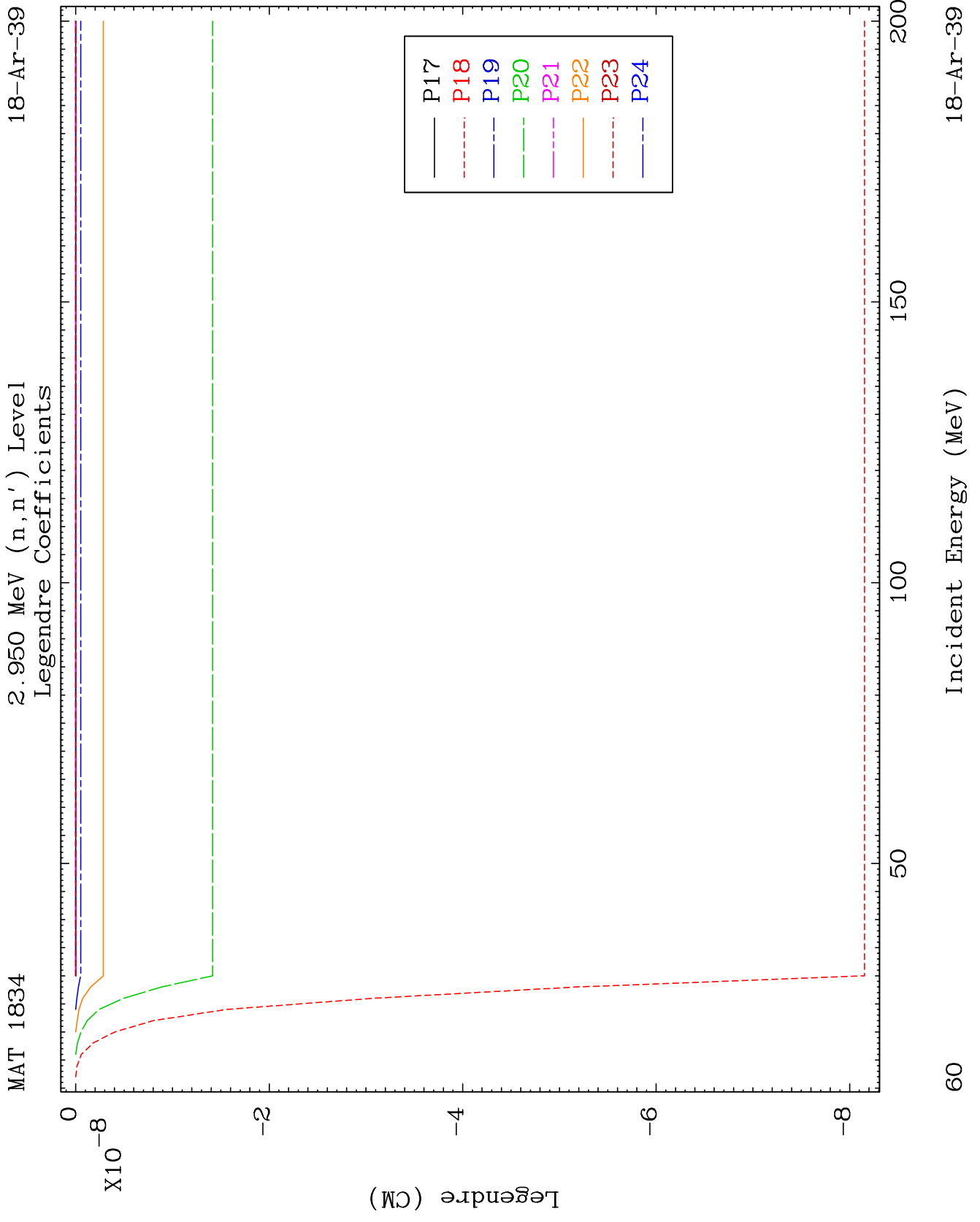
MAT 1834

2.830 MeV (n,n') Level
Legendre Coefficients

18-Ar-39



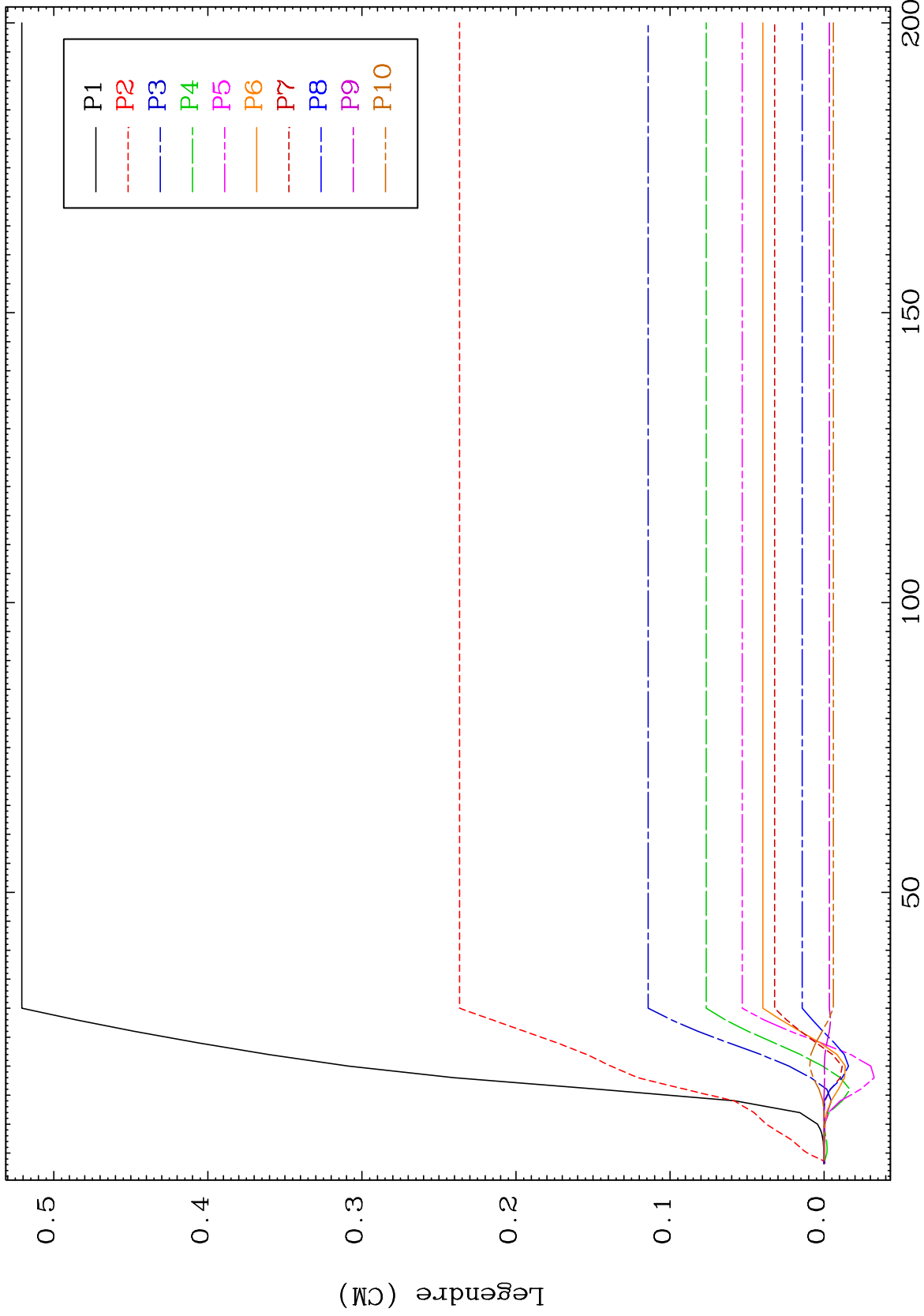




MAT 1834

3.062 MeV (n,n') Level
Legendre Coefficients

18-Ar-39



61

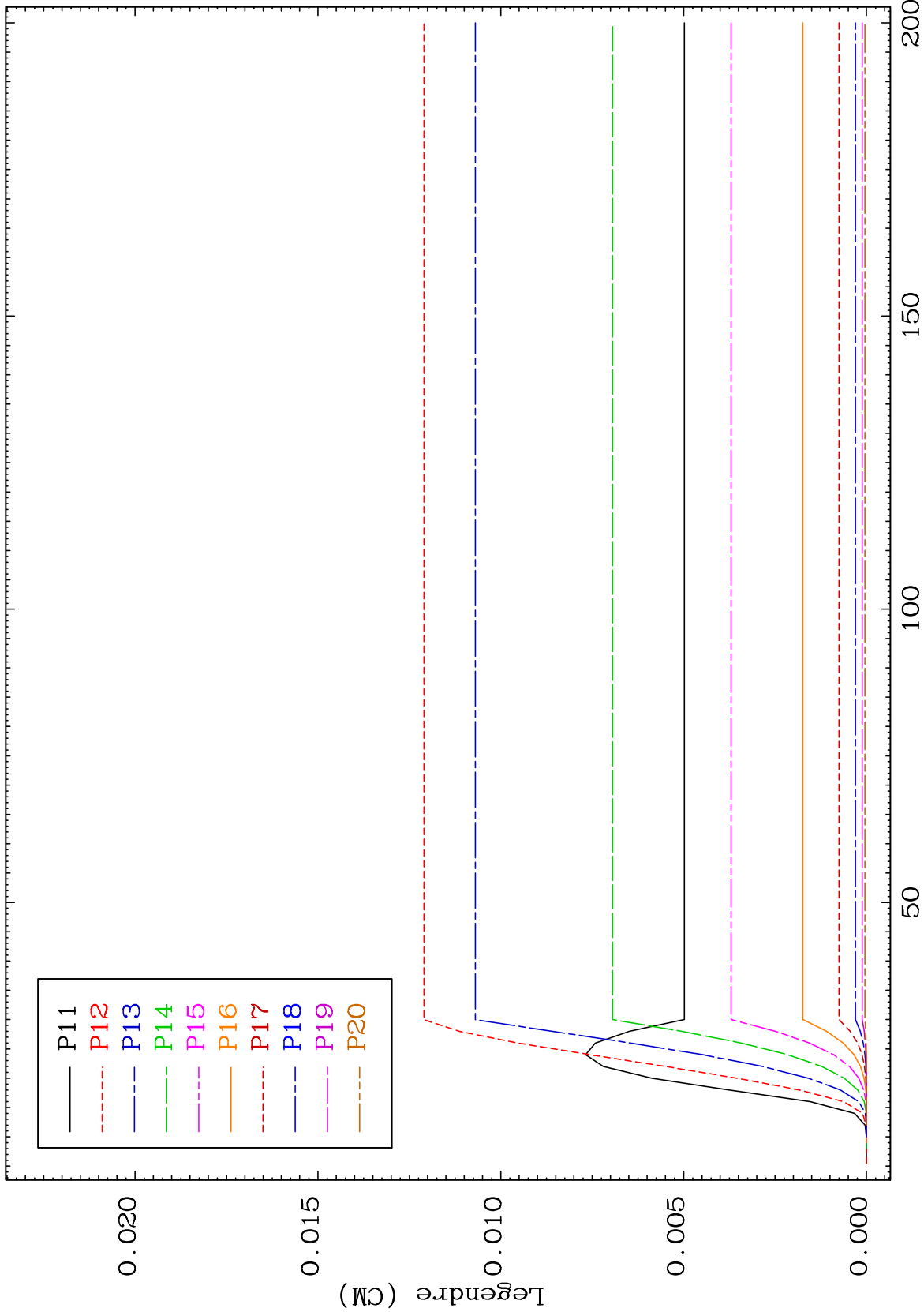
Incident Energy (MeV)

18-Ar-39

MAT 1834

3.062 MeV (n,n') Level
Legendre Coefficients

18-Ar-39



62

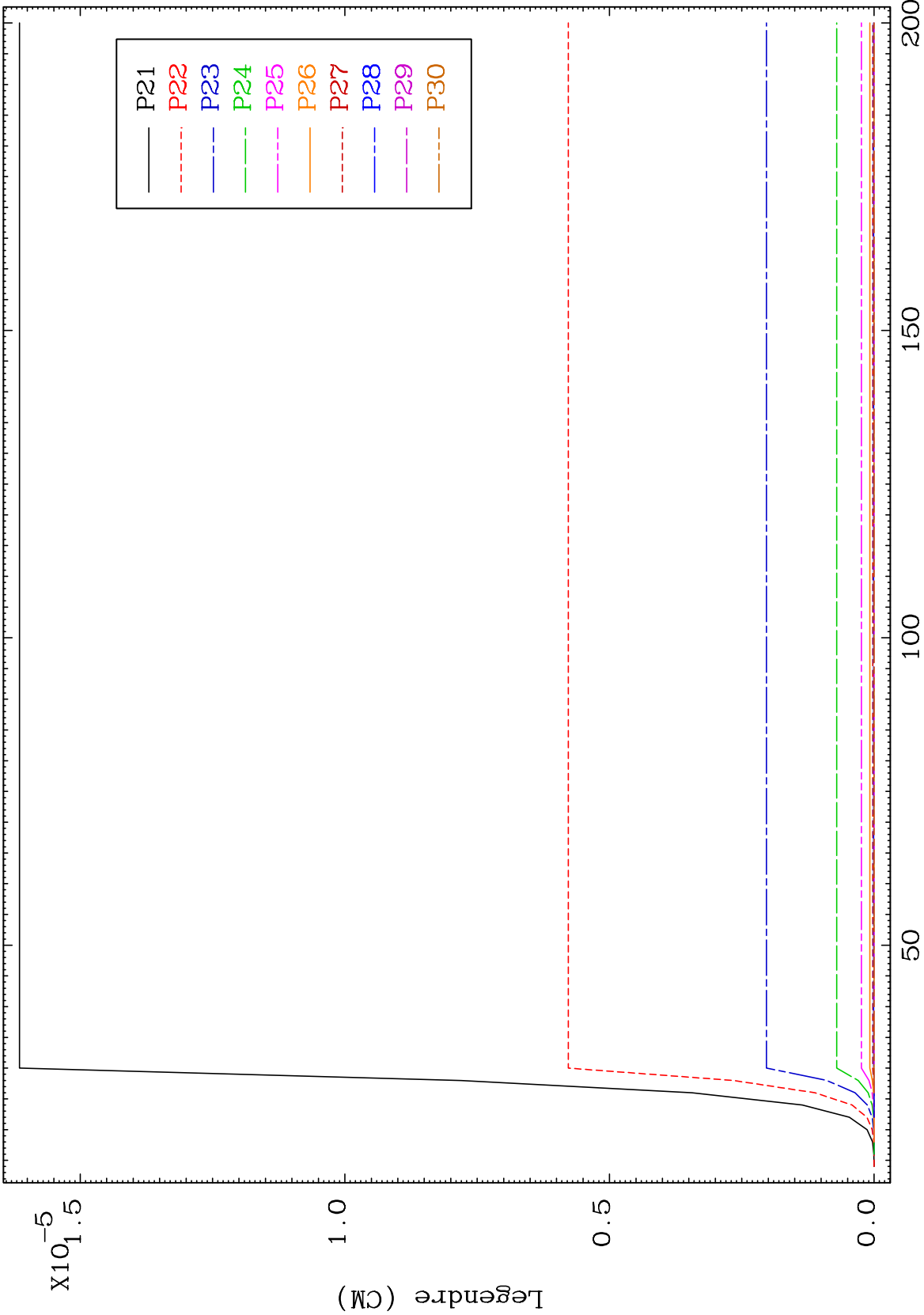
Incident Energy (MeV)

18-Ar-39

MAT 1834

3.062 MeV (n,n') Level Legendre Coefficients

18-Ar-39



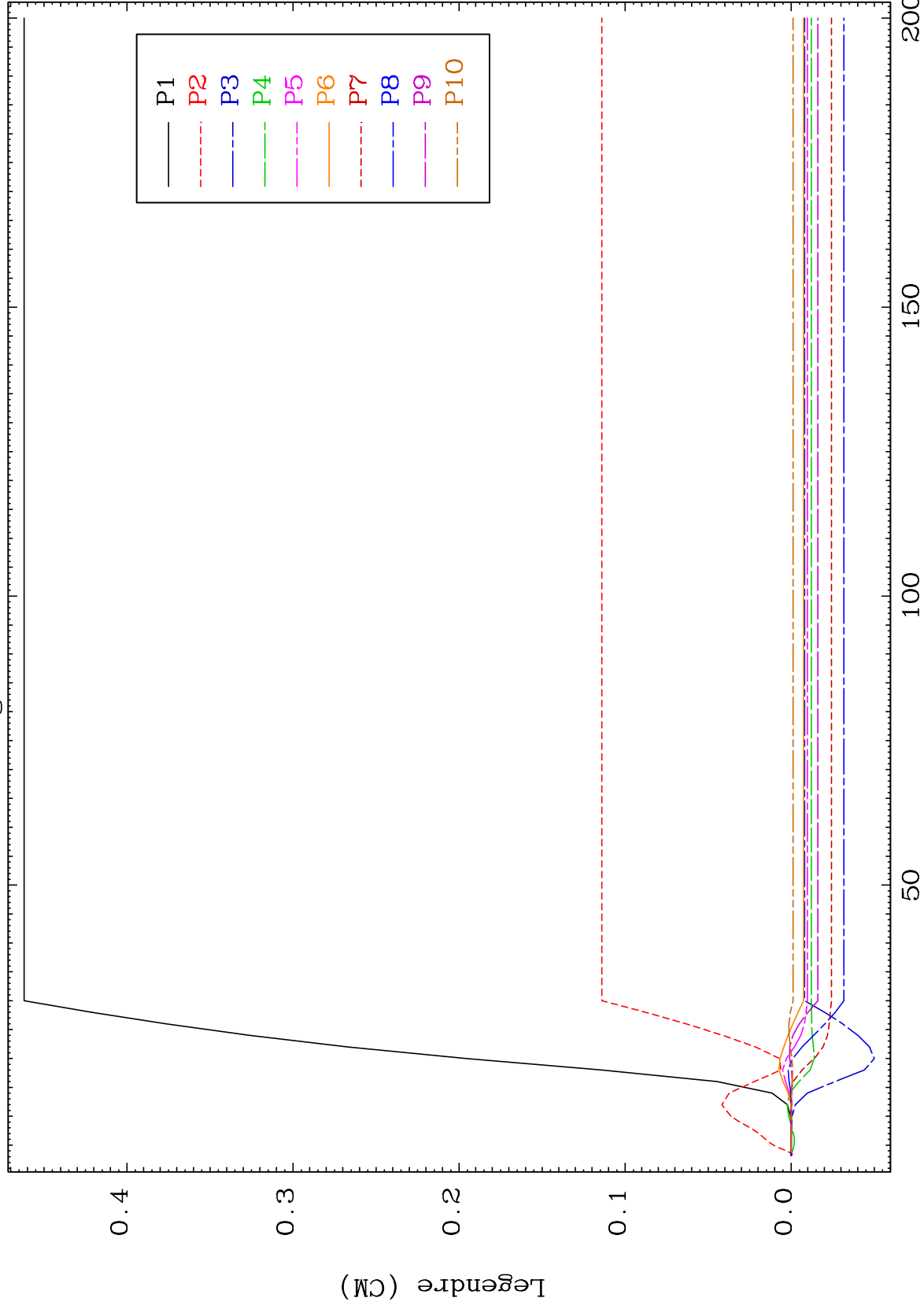
18-Ar-39

63

MAT 1834

3.090 MeV (n,n') Level
Legendre Coefficients

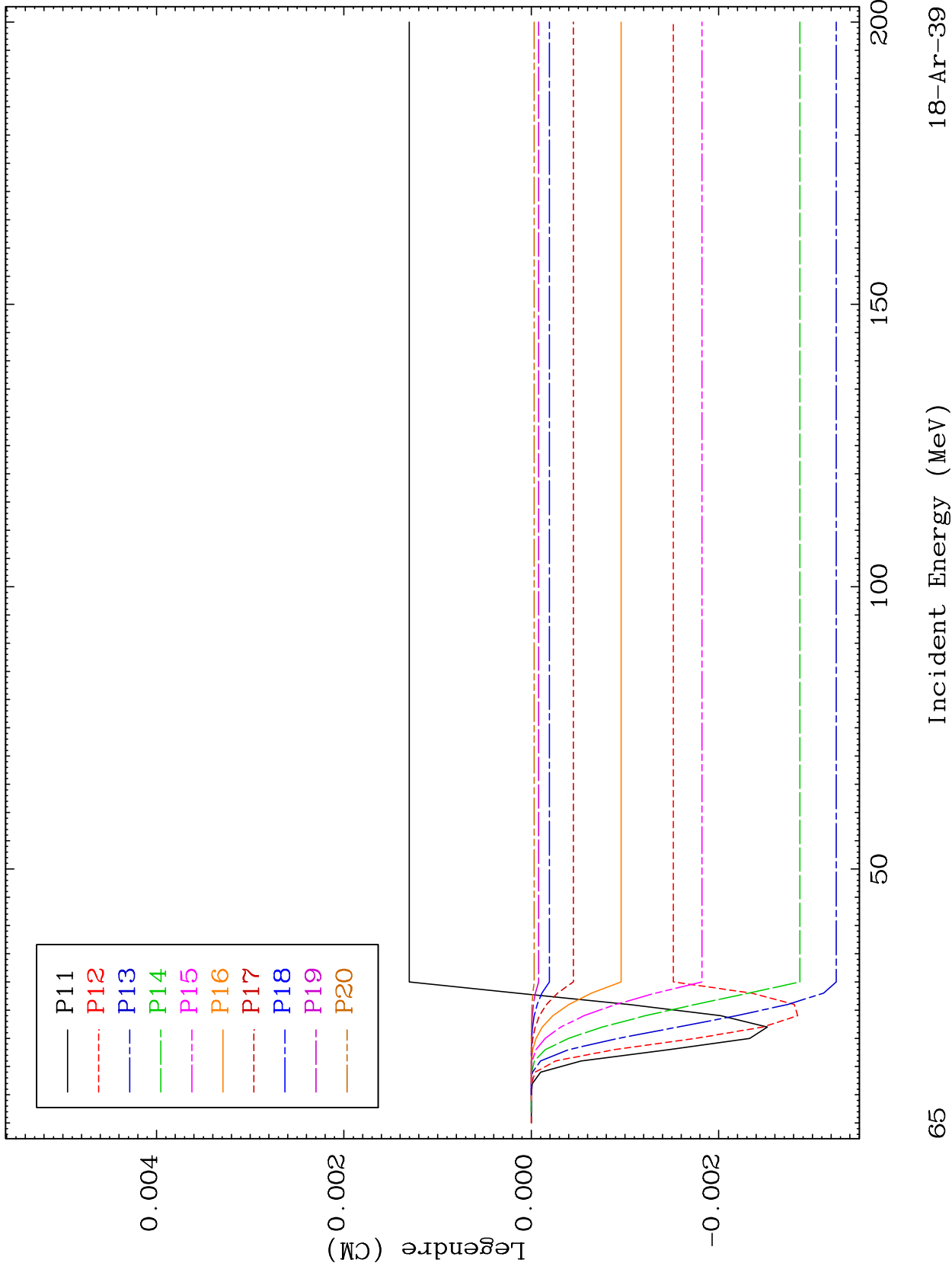
18-Ar-39

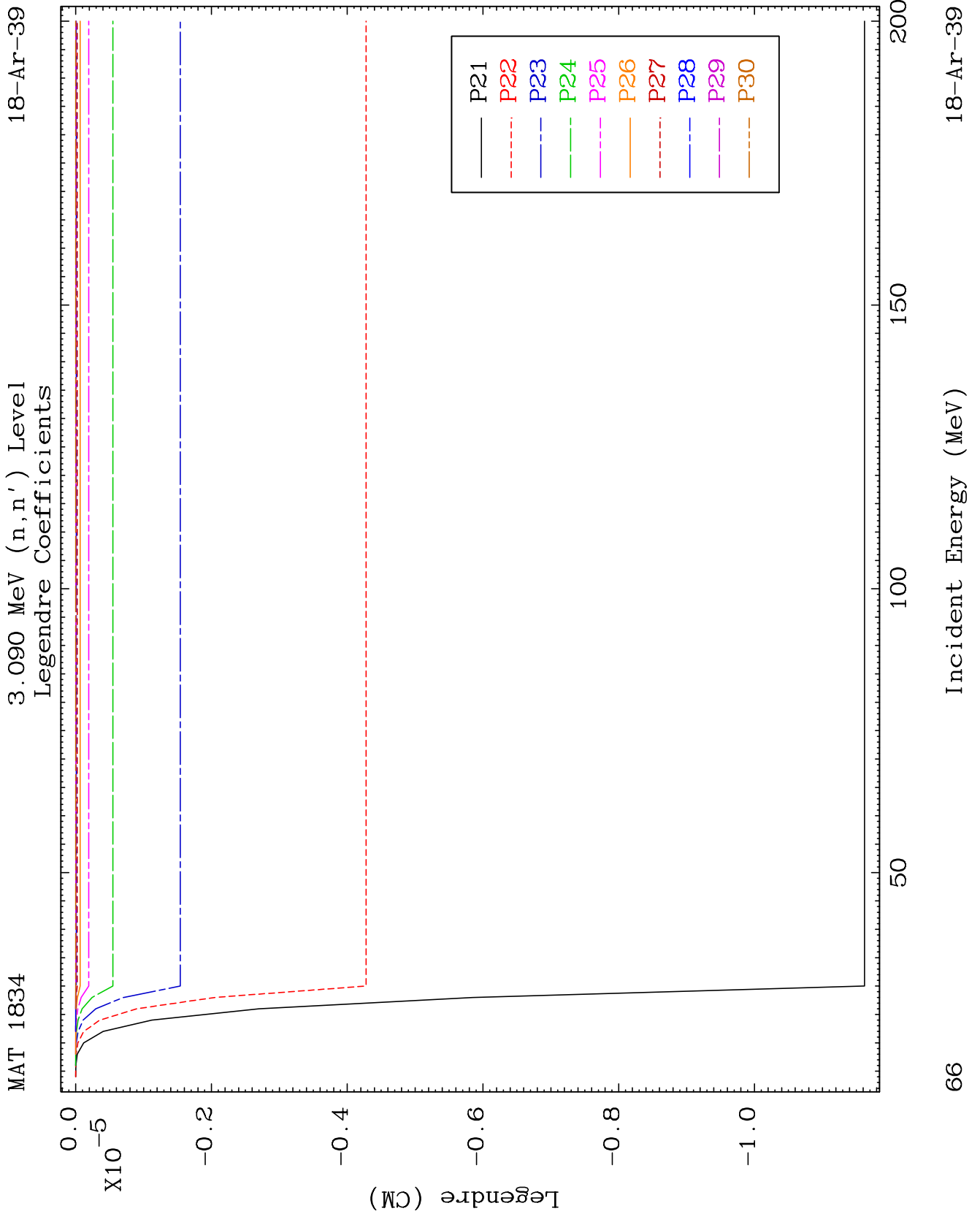


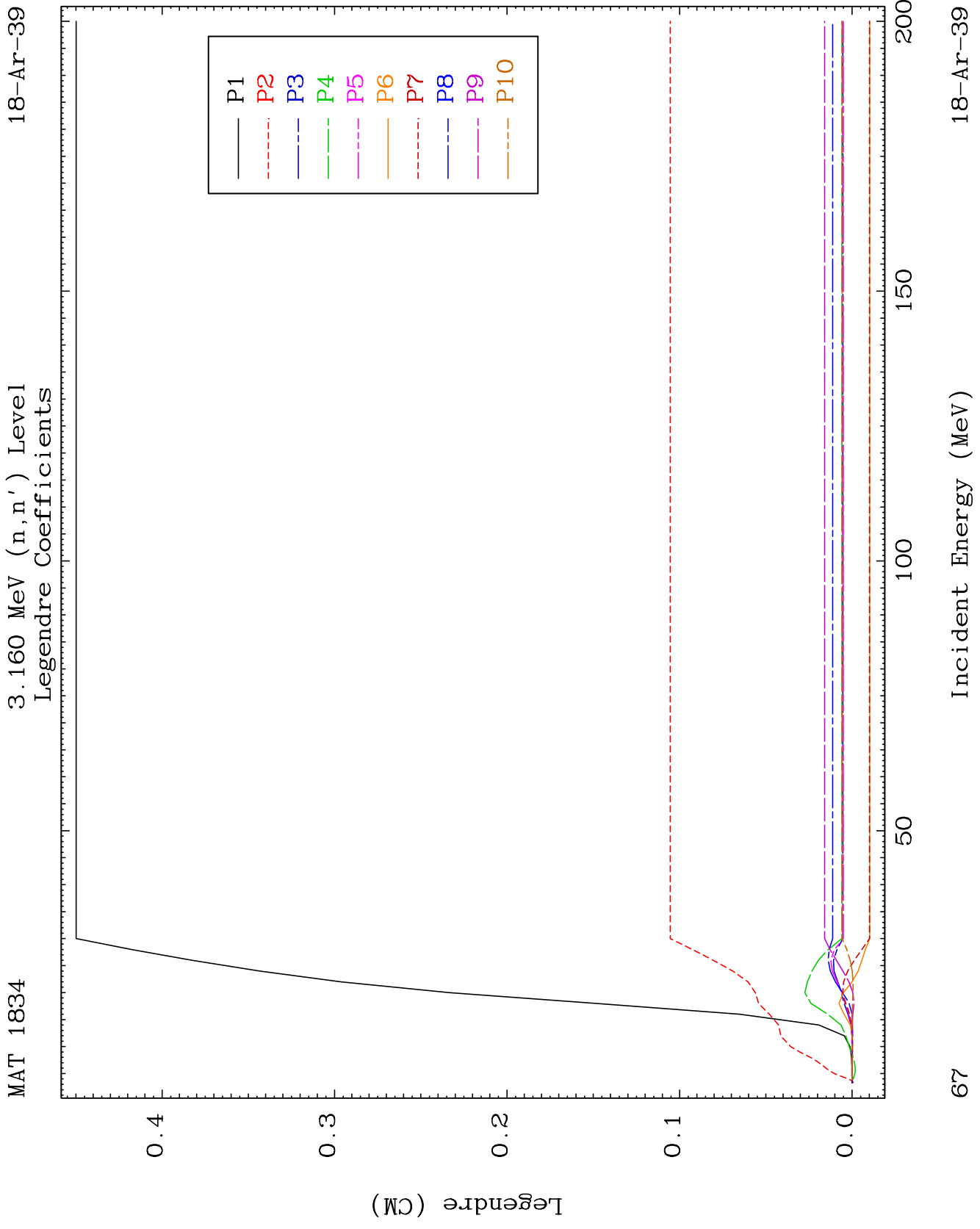
64

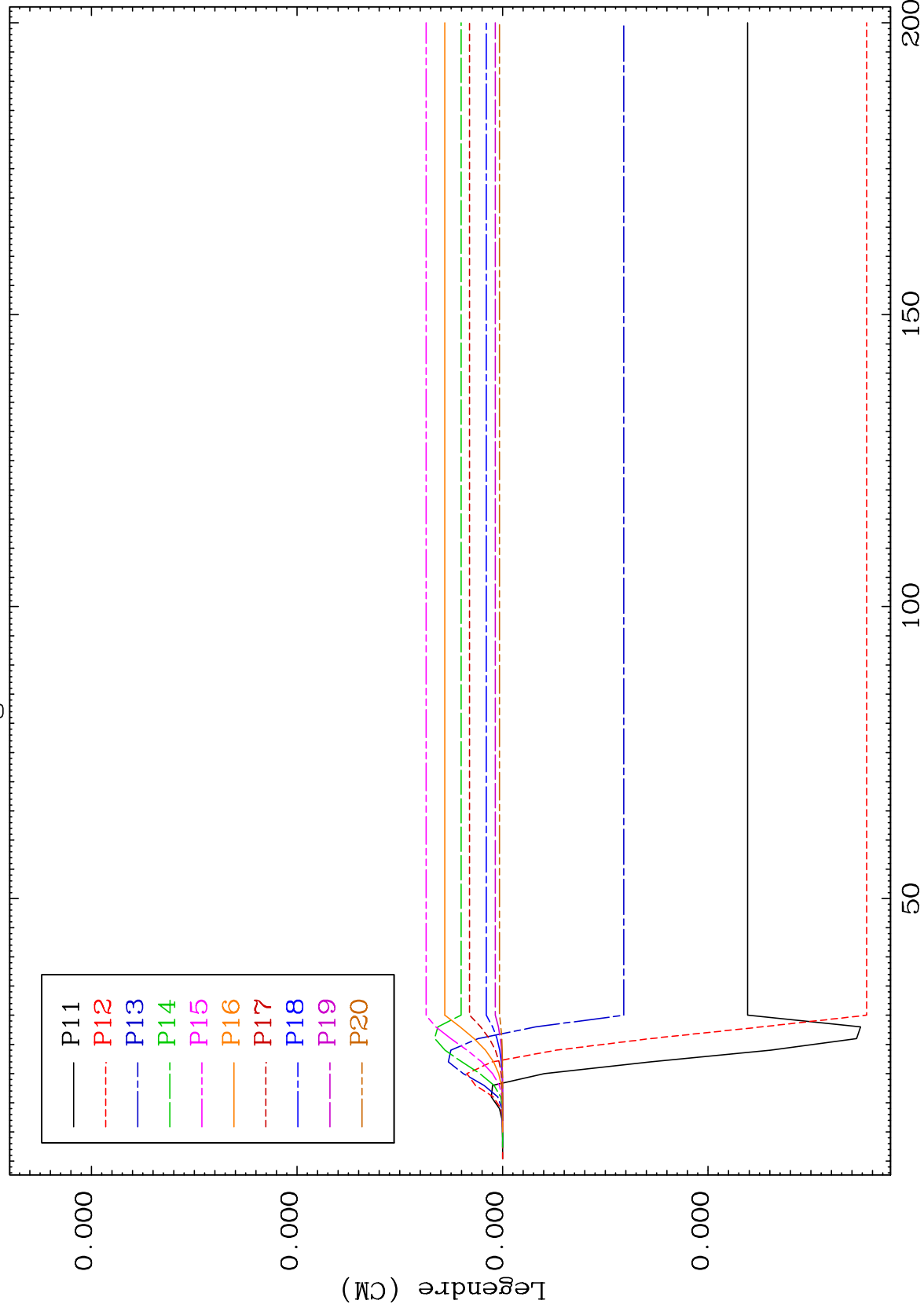
Incident Energy (MeV)

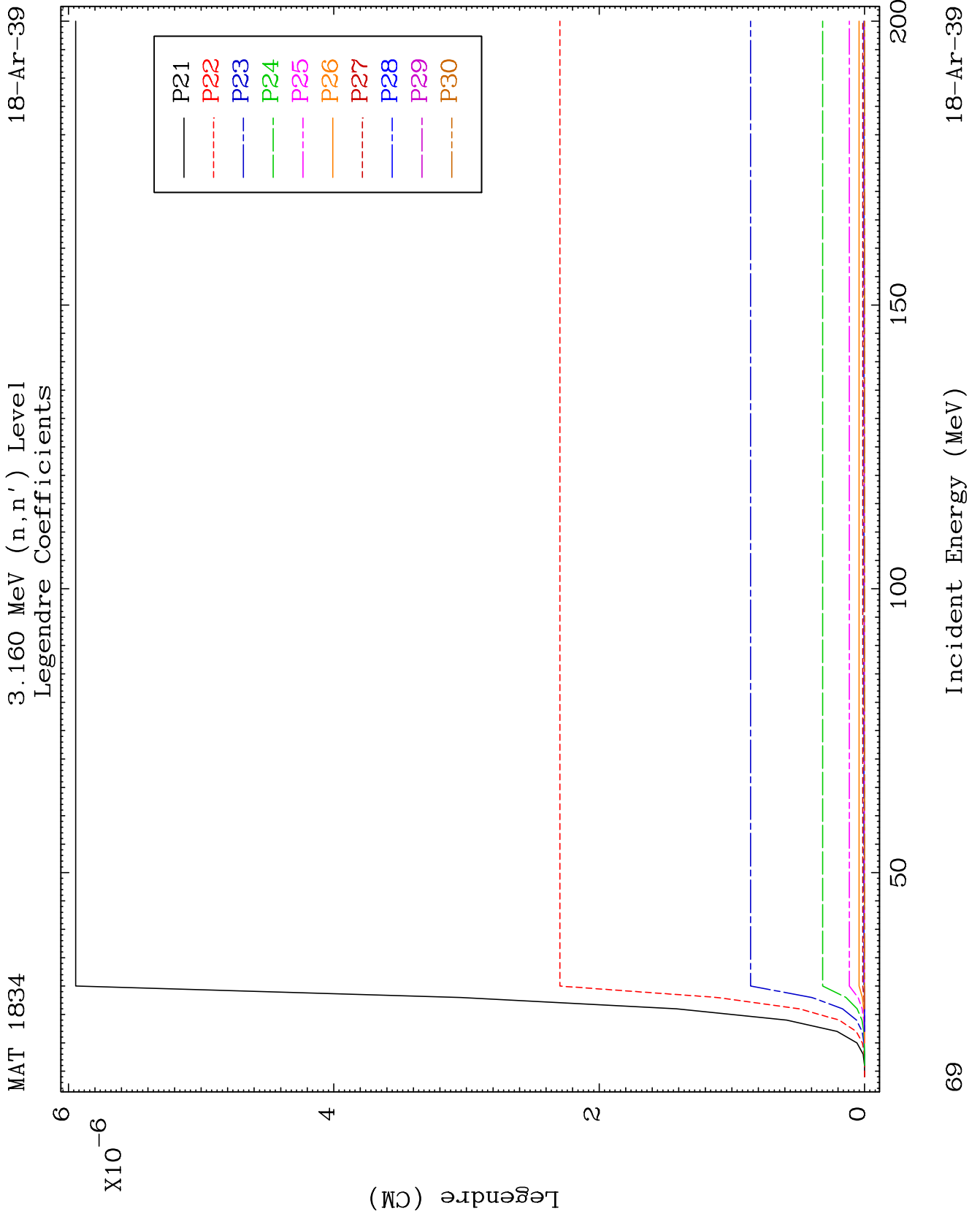
18-Ar-39







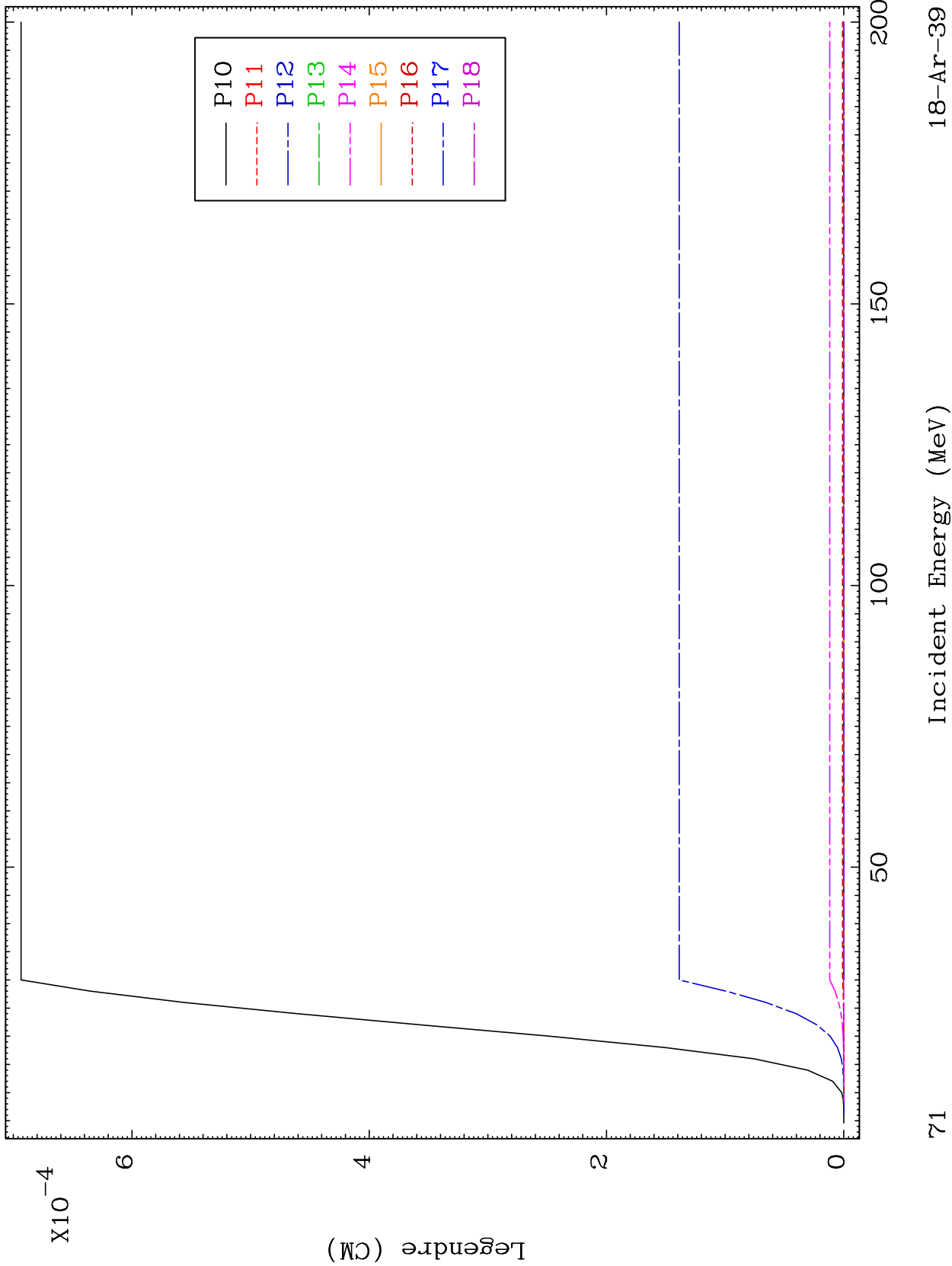


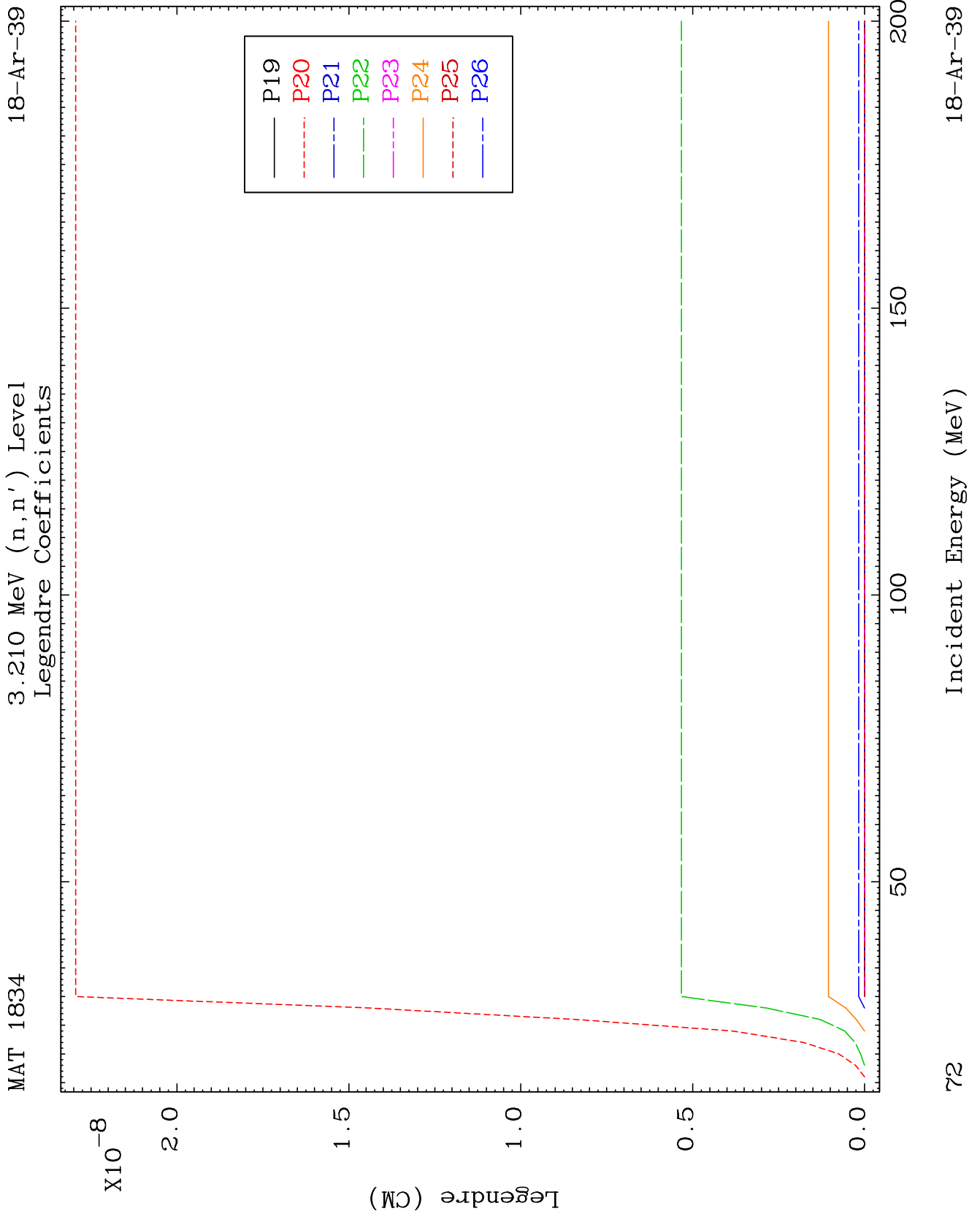


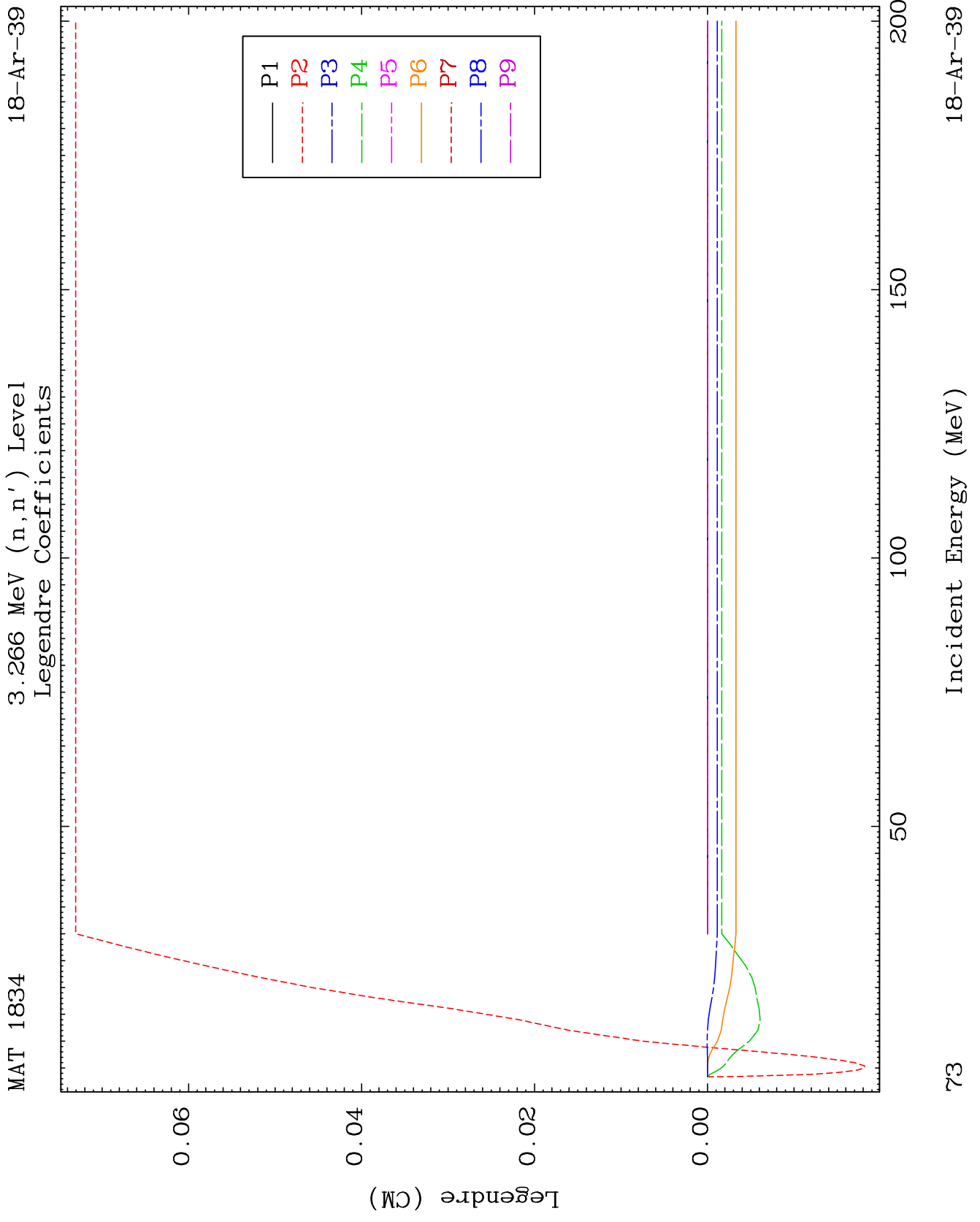
MAT 1834

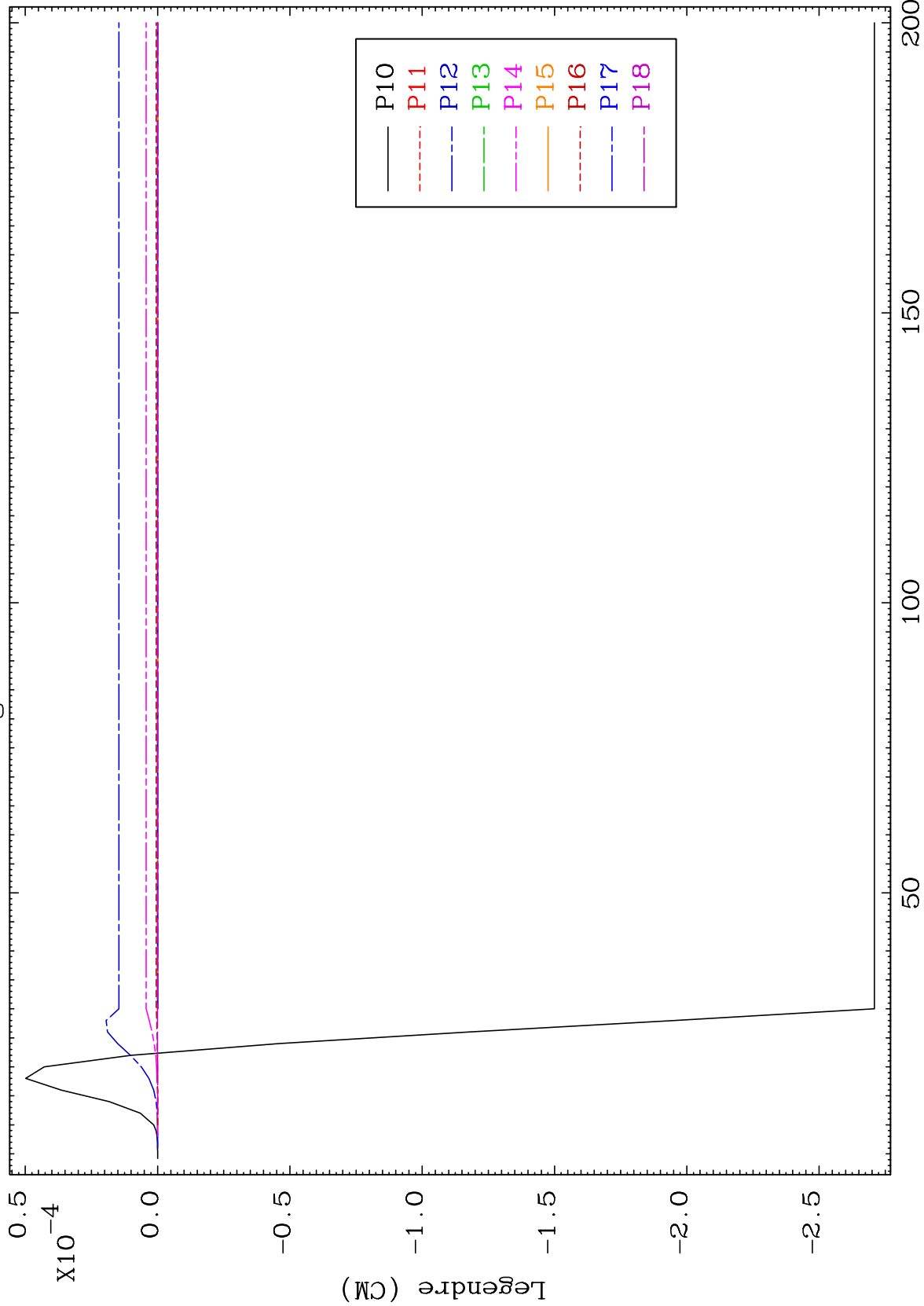
3.210 MeV (n,n') Level
Legendre Coefficients

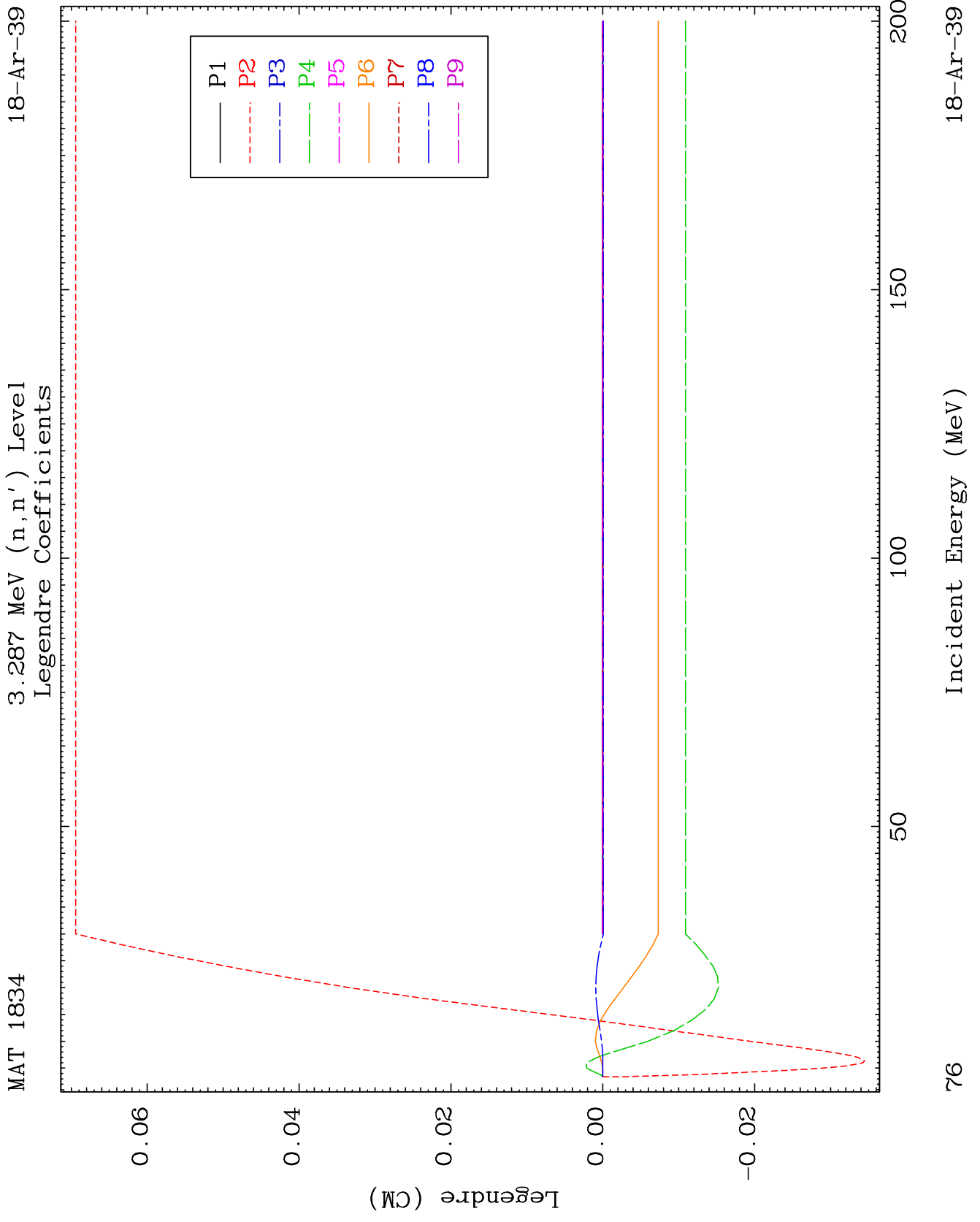
18-Ar-39







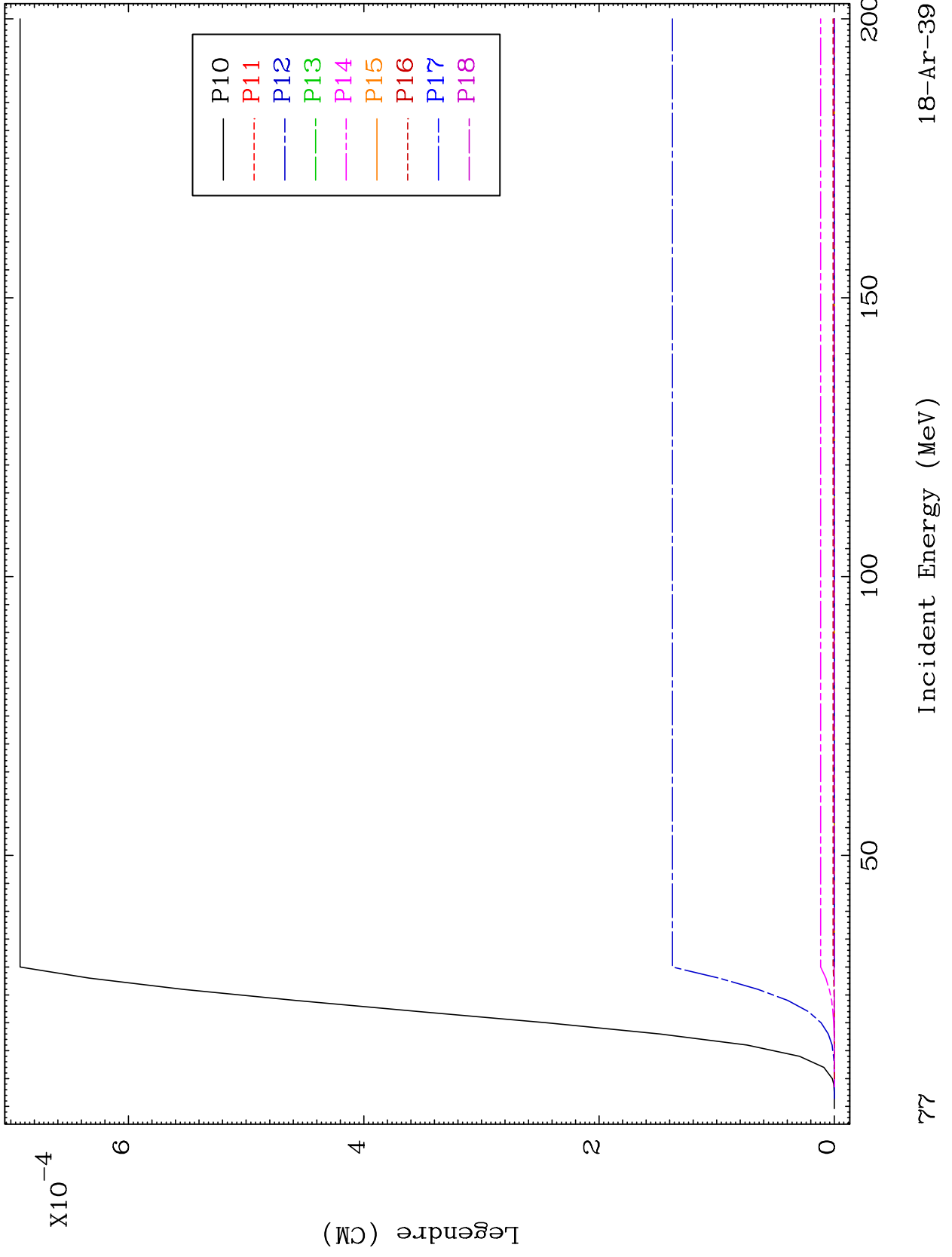




MAT 1834

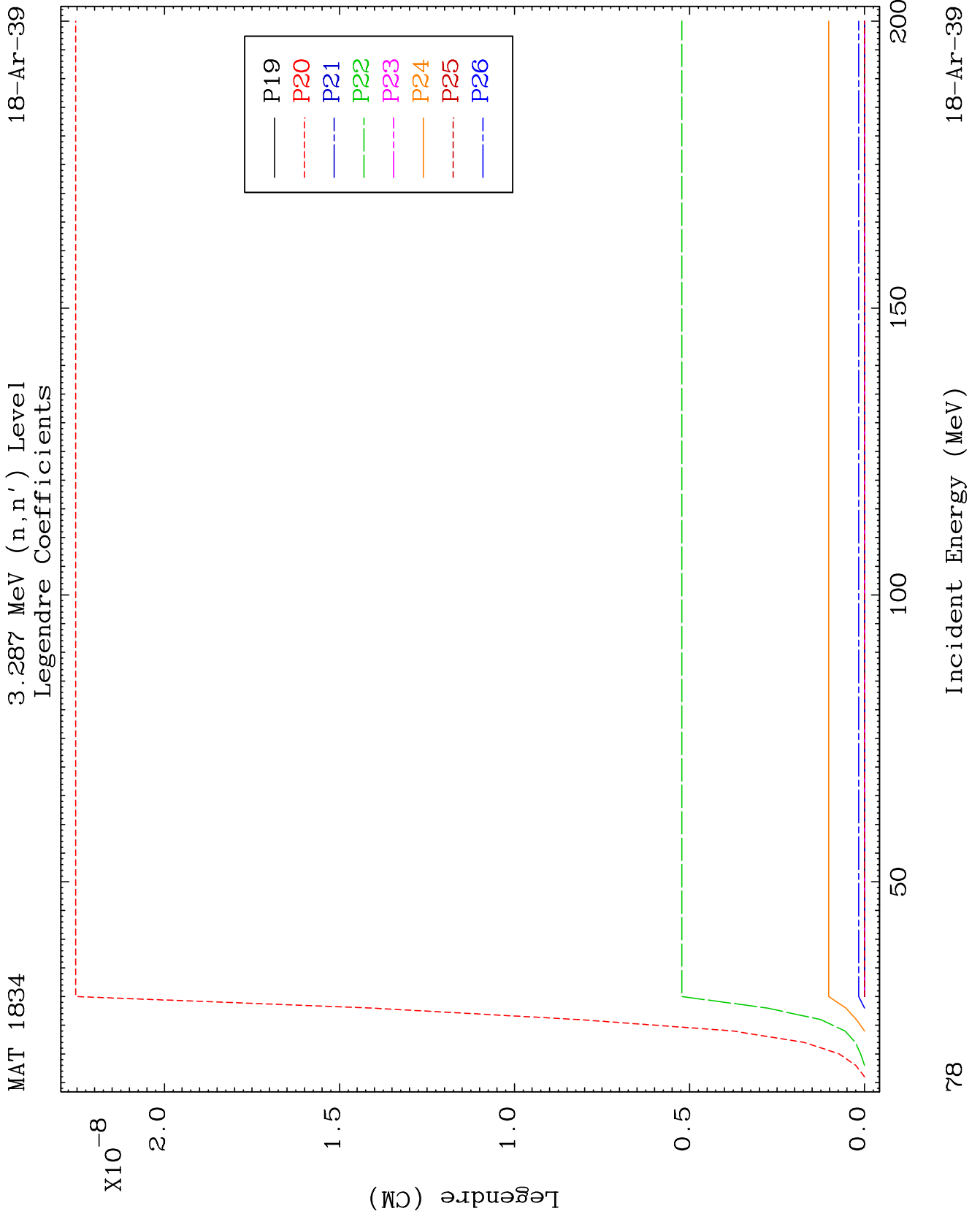
3.287 MeV (n,n') Level
Legendre Coefficients

18-Ar-39



77

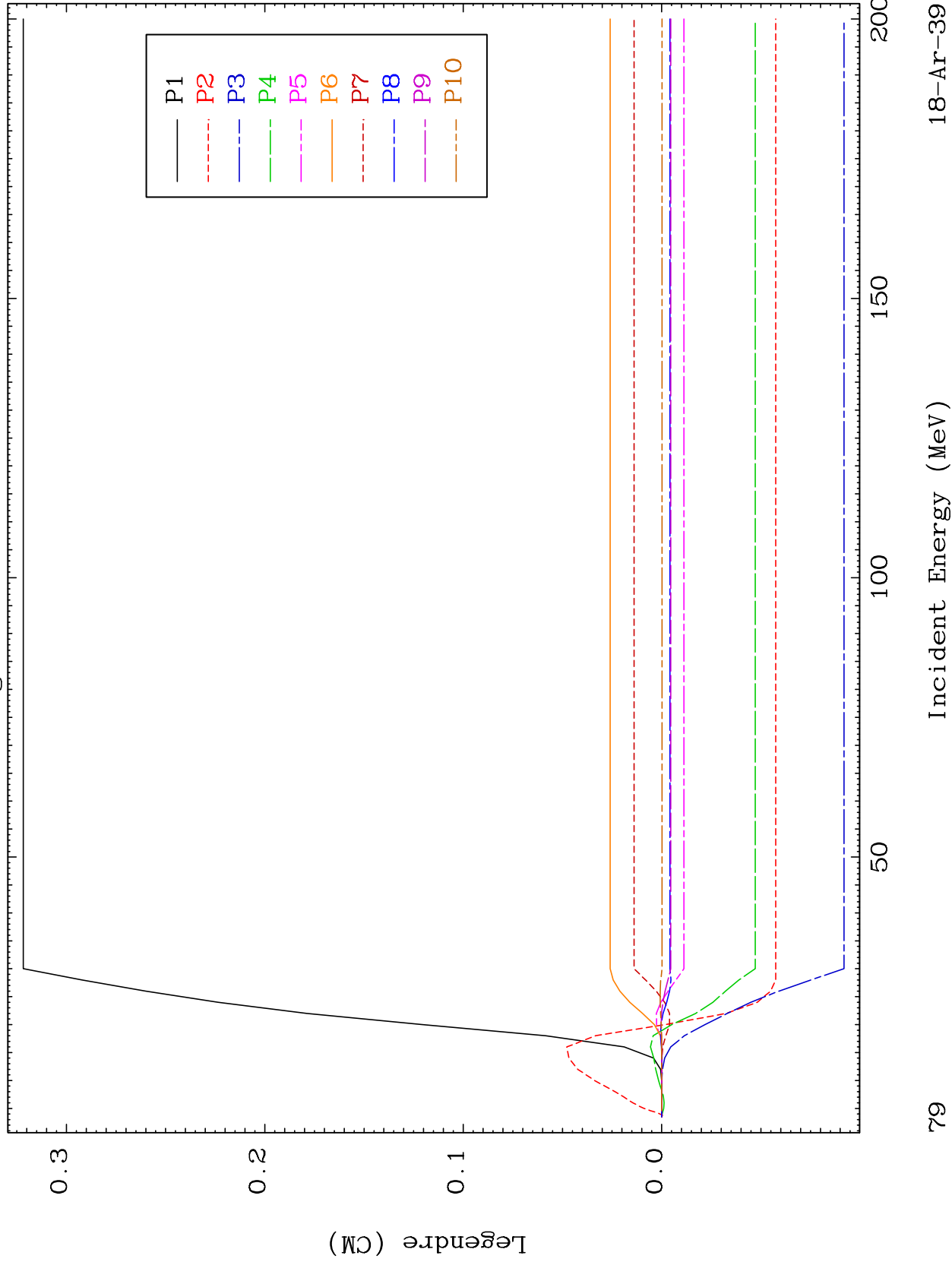
18-Ar-39



MAT 1834

3.361 MeV (n,n') Level
Legendre Coefficients

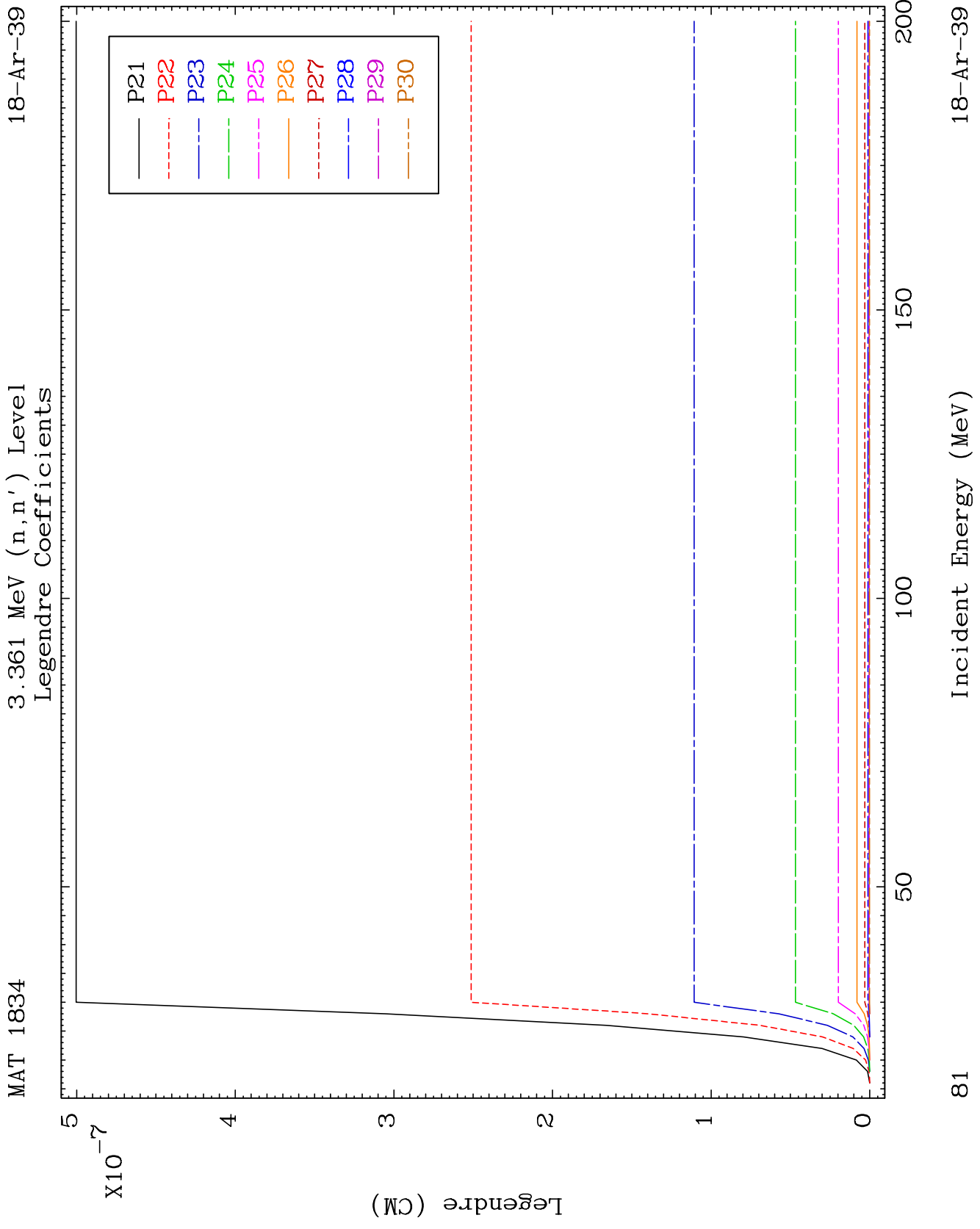
18-Ar-39

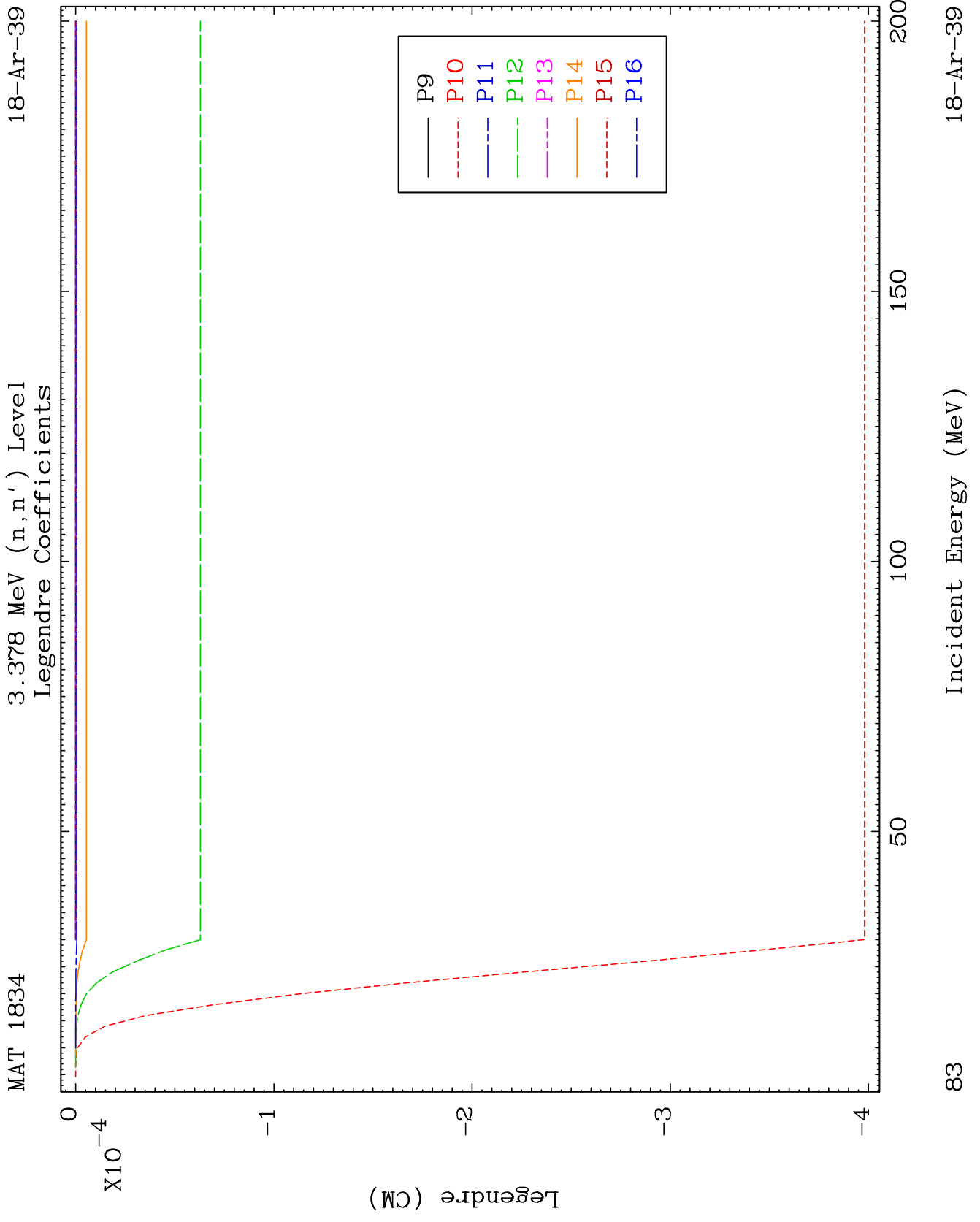


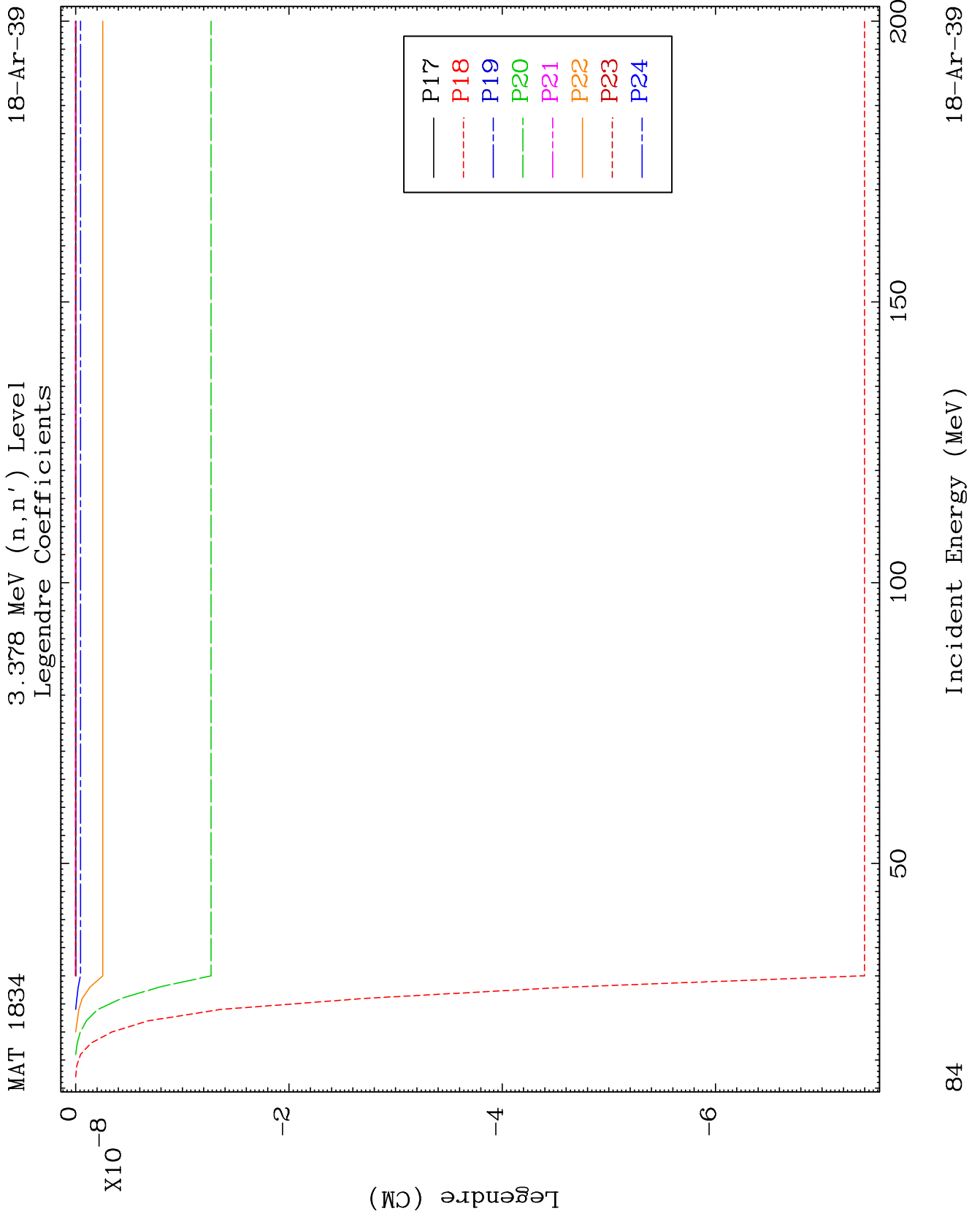
79

Incident Energy (MeV)

18-Ar-39



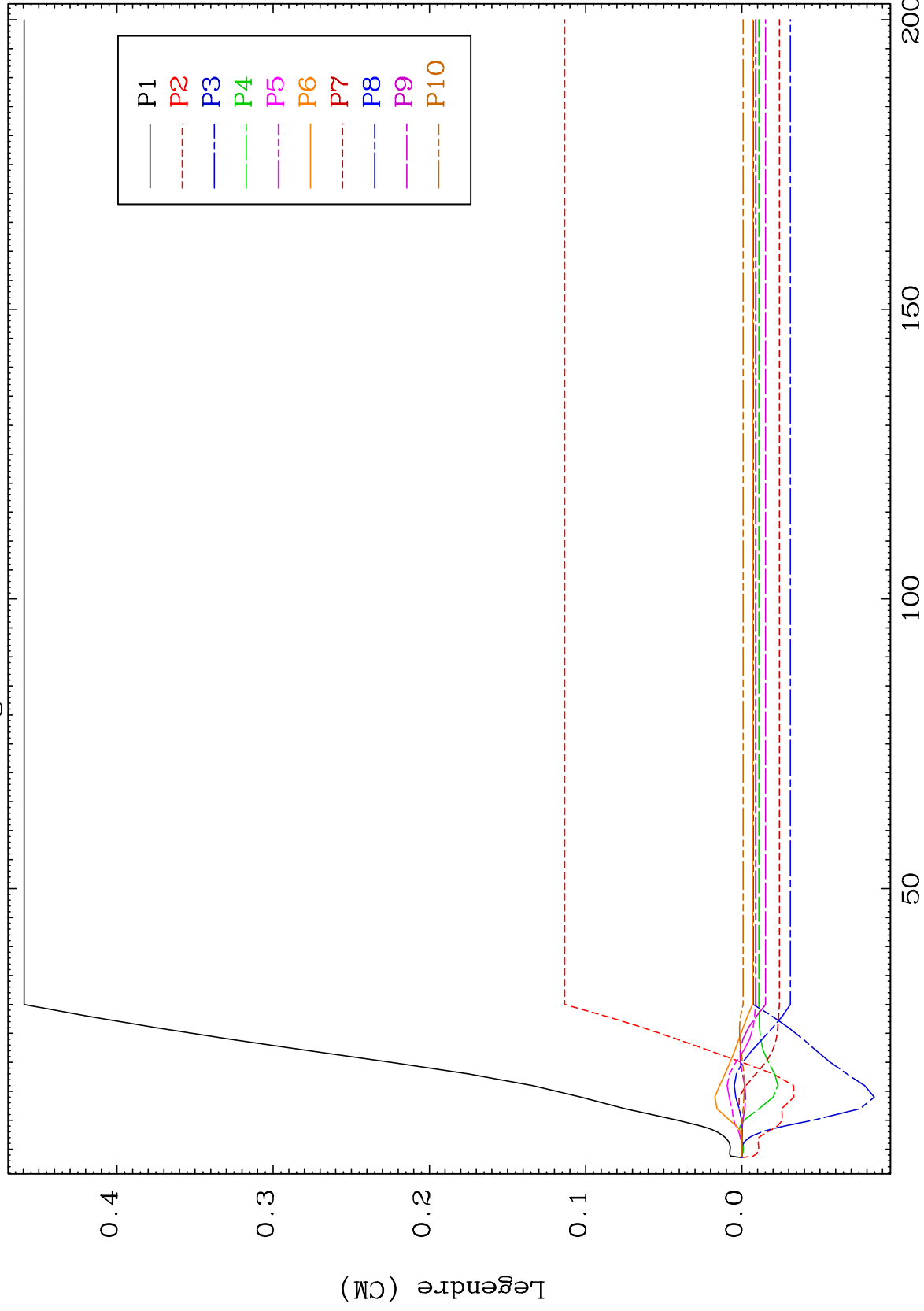




MAT 1834

3.449 MeV (n,n') Level
Legendre Coefficients

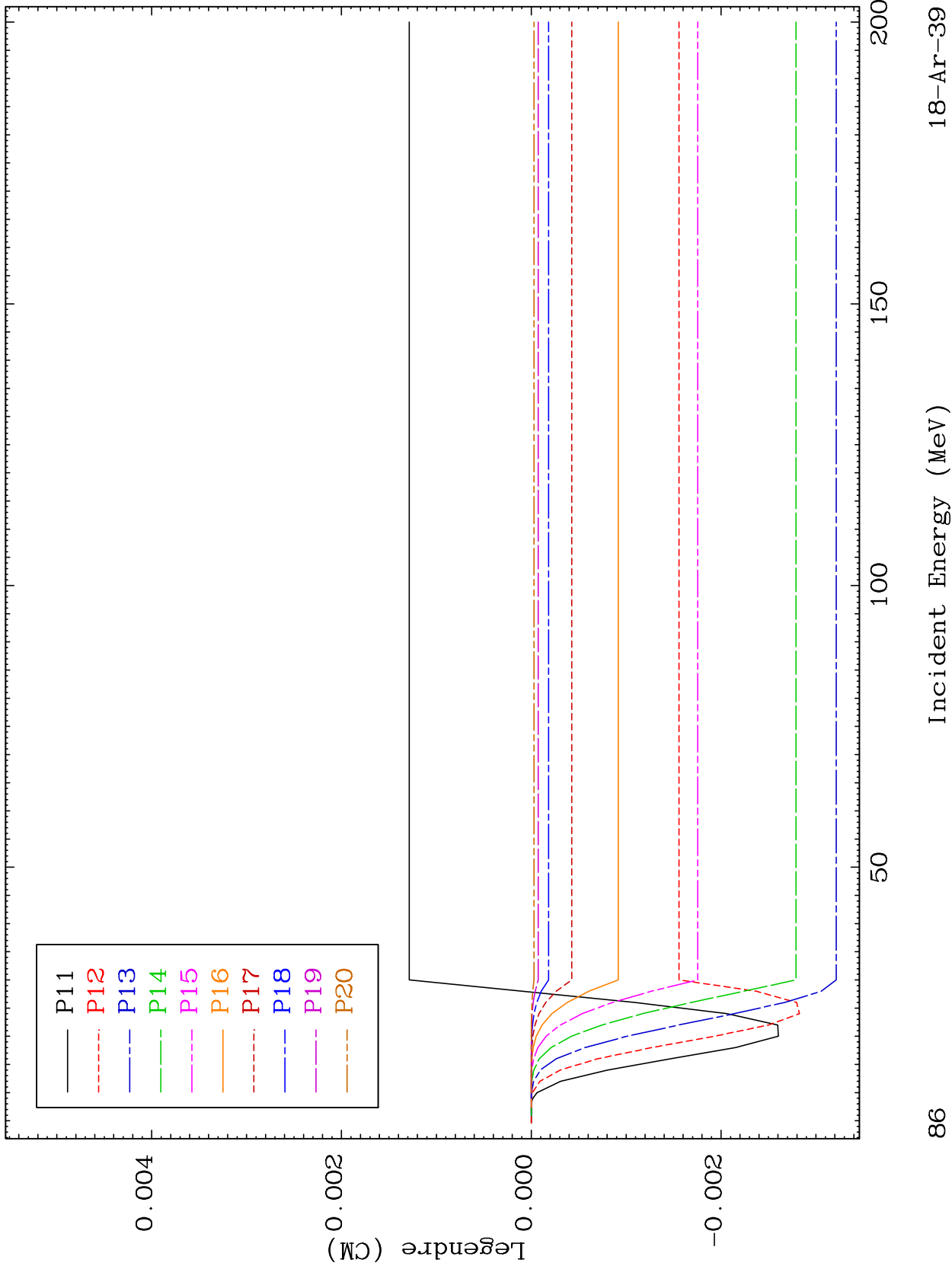
18-Ar-39

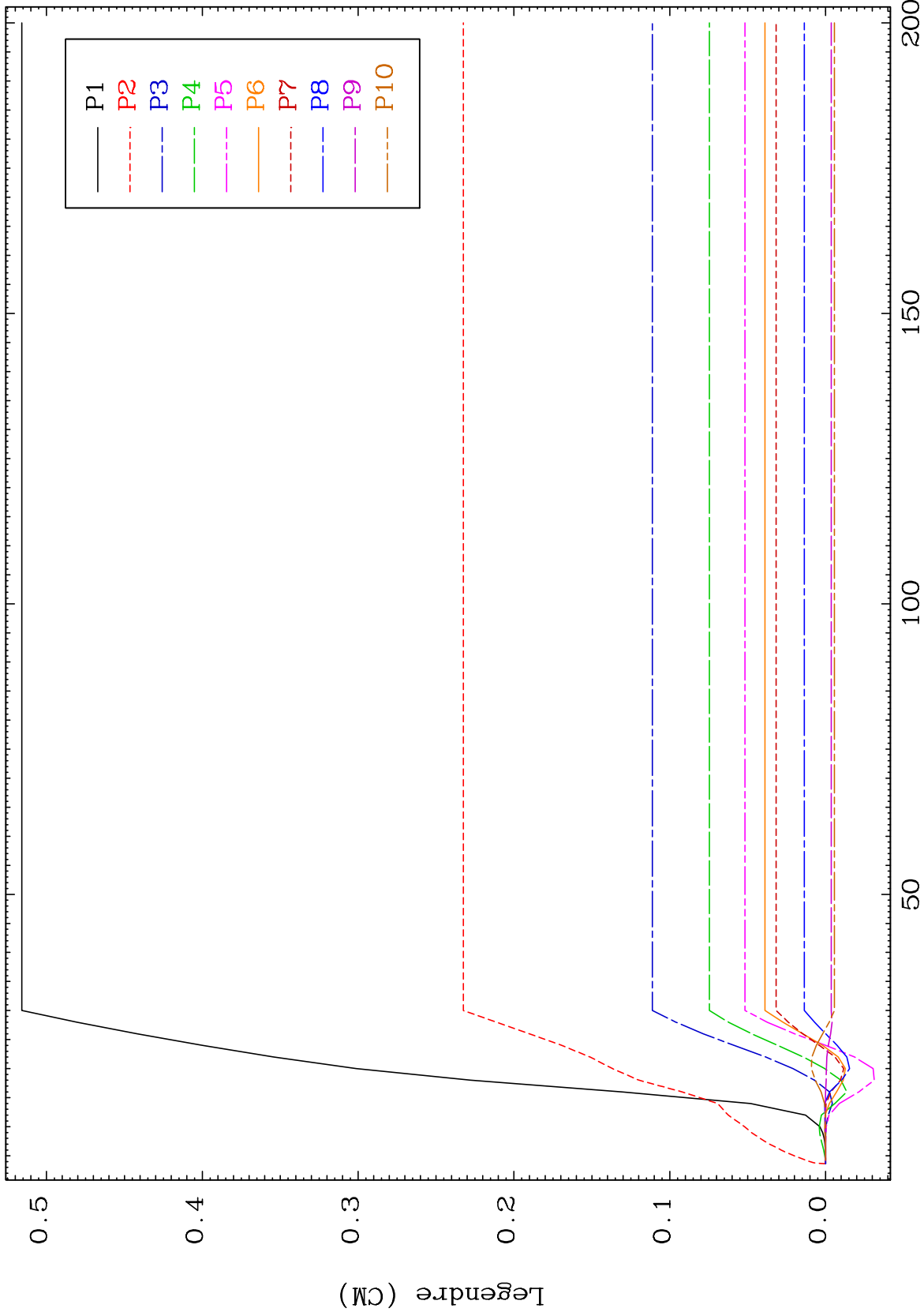


85

Incident Energy (MeV)

18-Ar-39

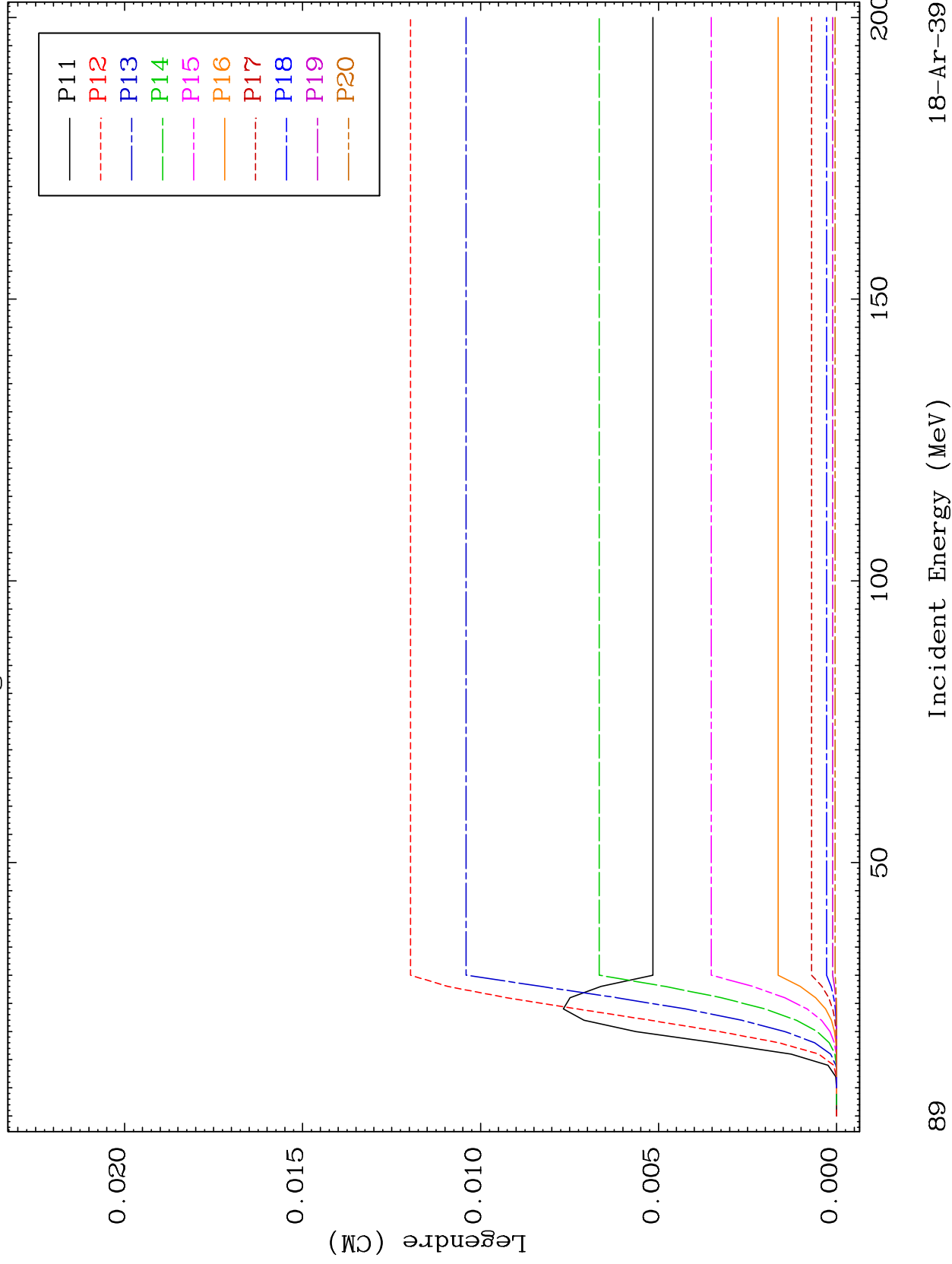




MAT 1834

3.524 MeV (n,n') Level
Legendre Coefficients

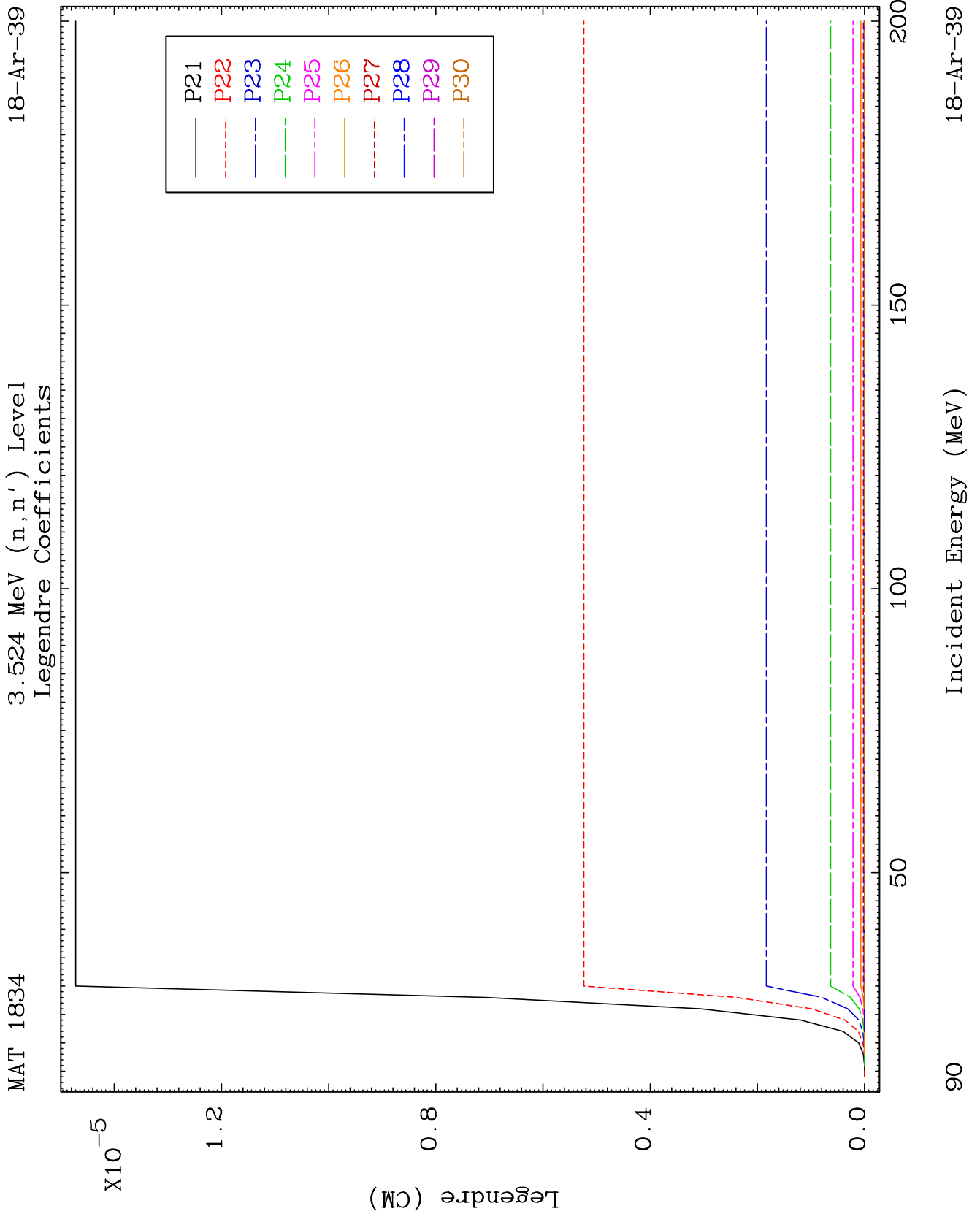
18-Ar-39

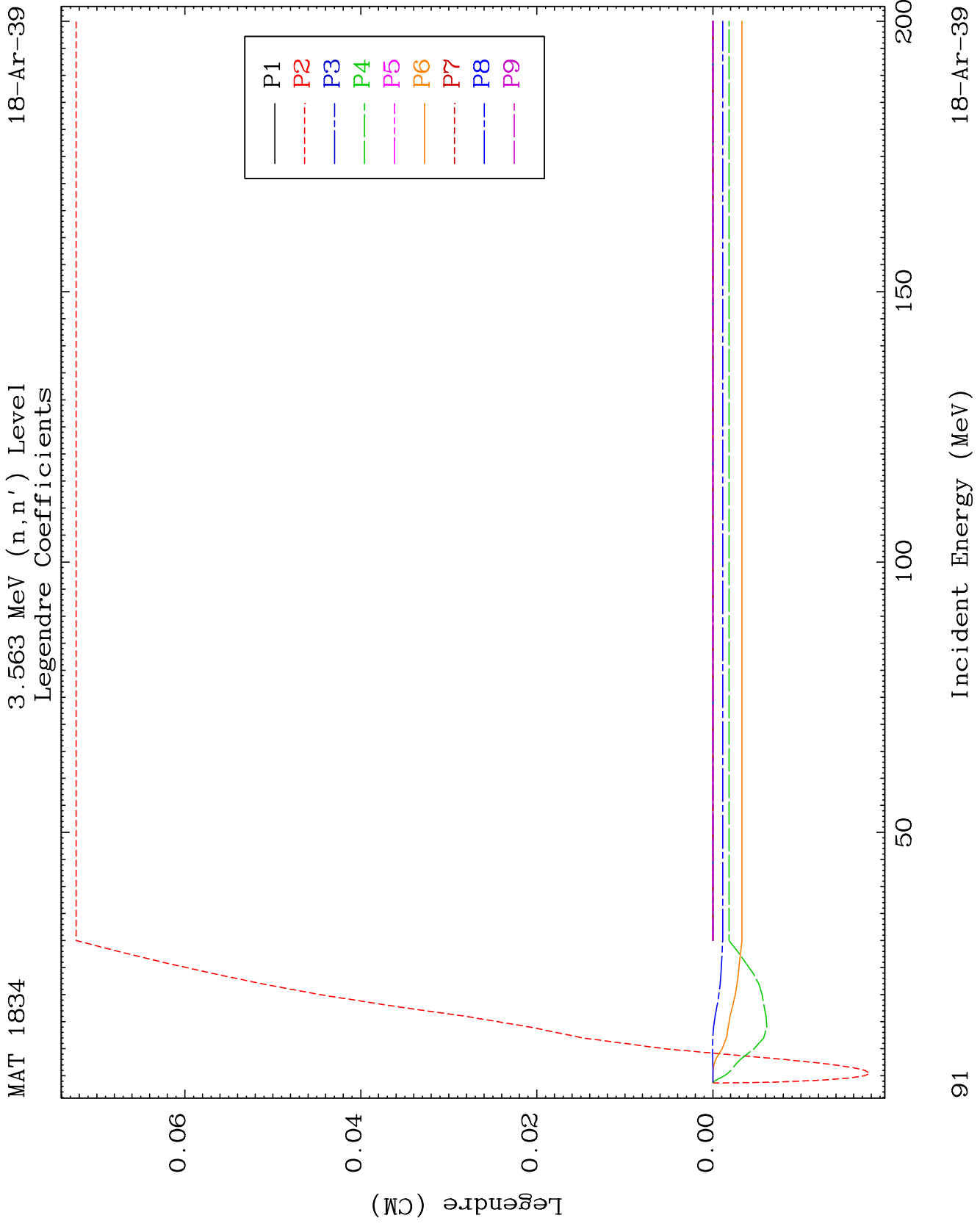


89

Incident Energy (MeV)

18-Ar-39

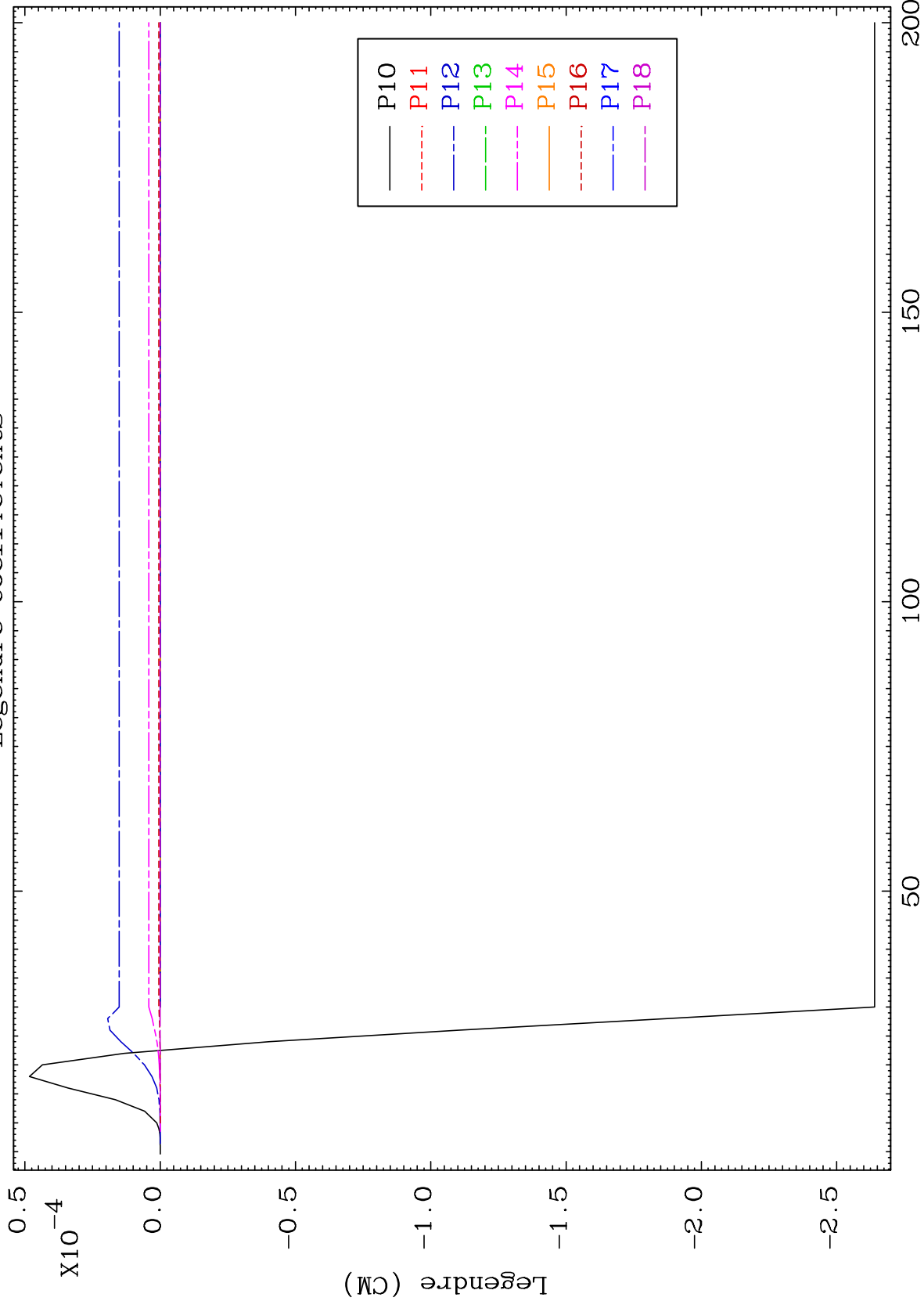


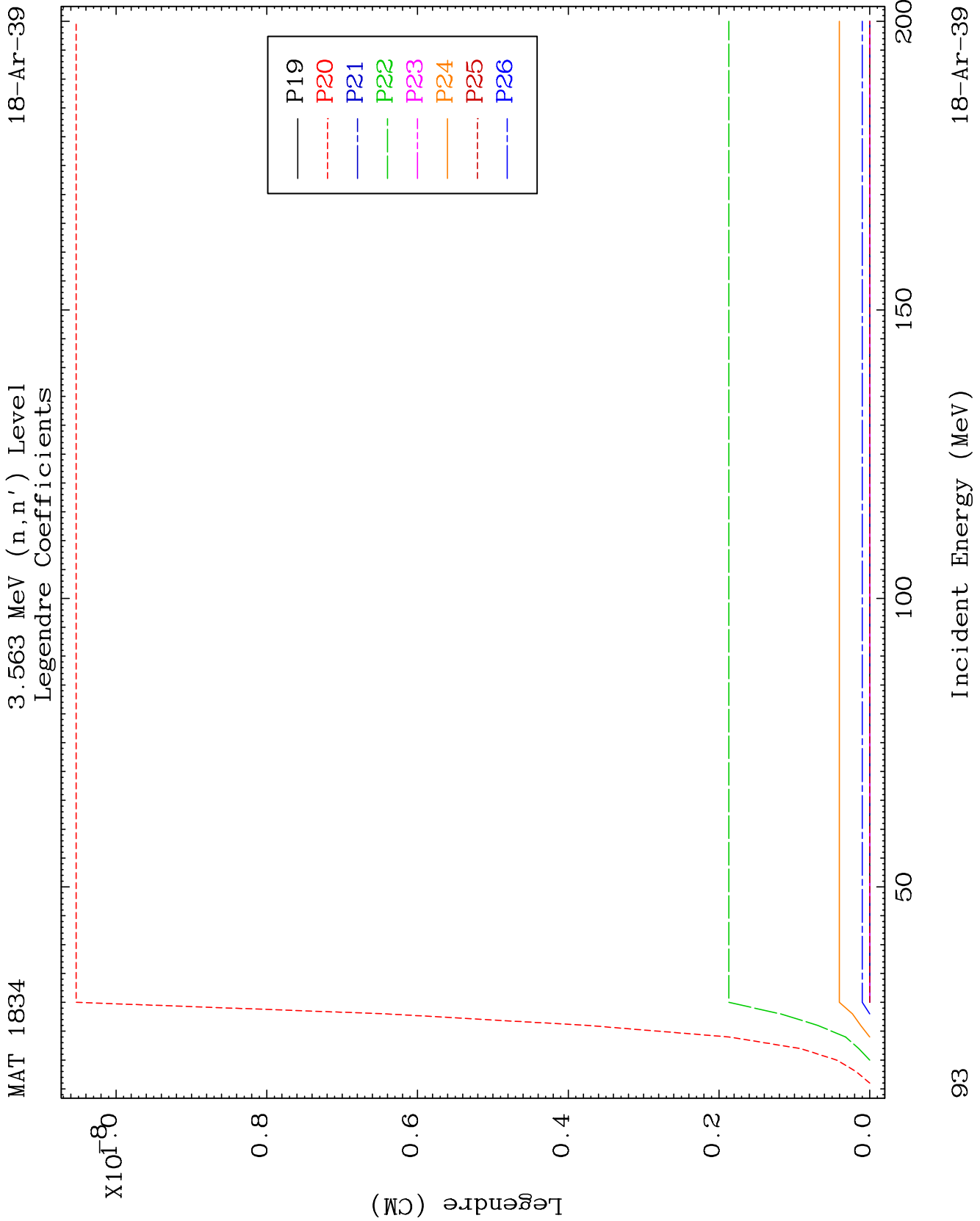


MAT 1834

3.563 MeV (n,n') Level
Legendre Coefficients

18-Ar-39

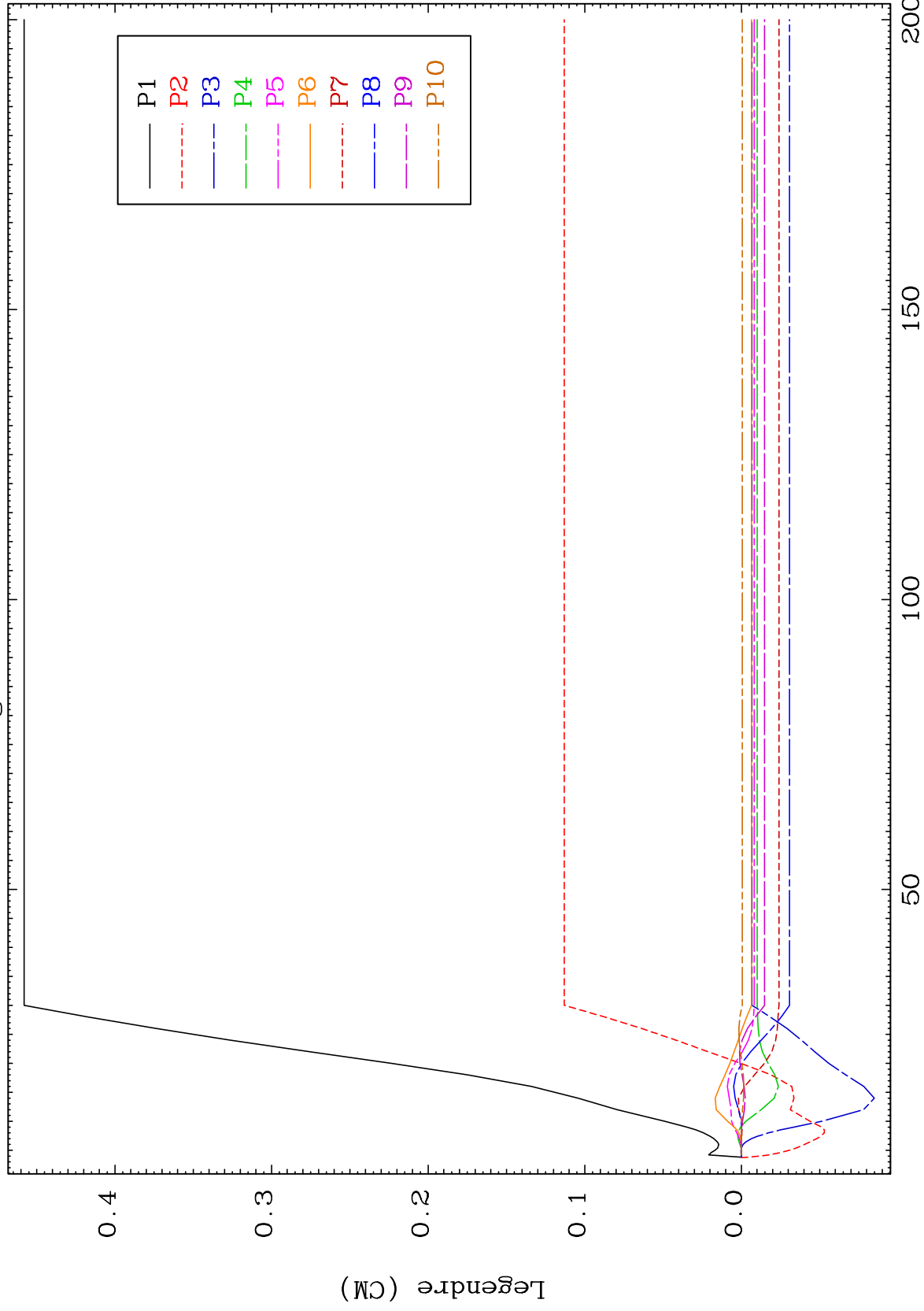




MAT 1834

3.626 MeV (n,n') Level
Legendre Coefficients

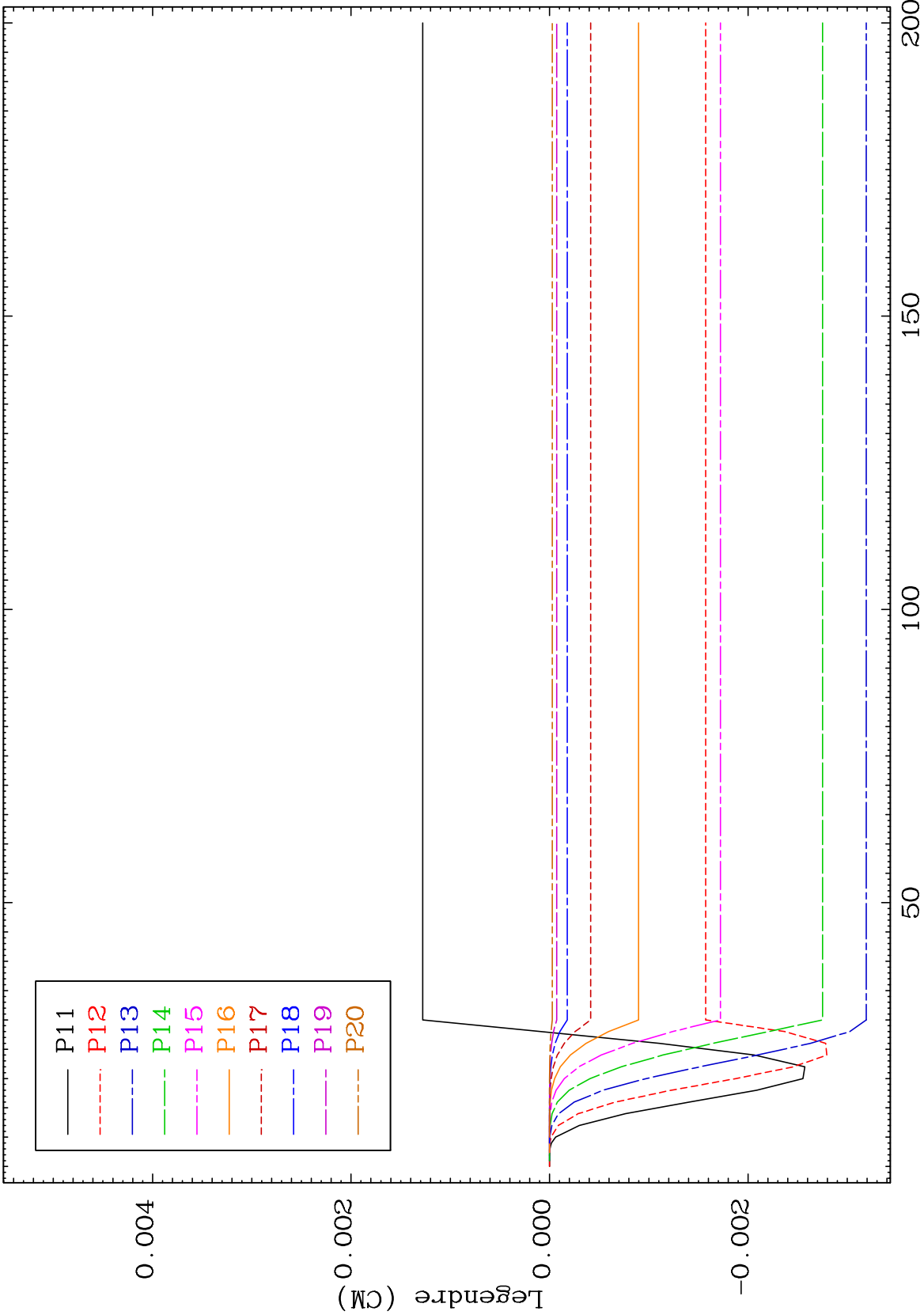
18-Ar-39

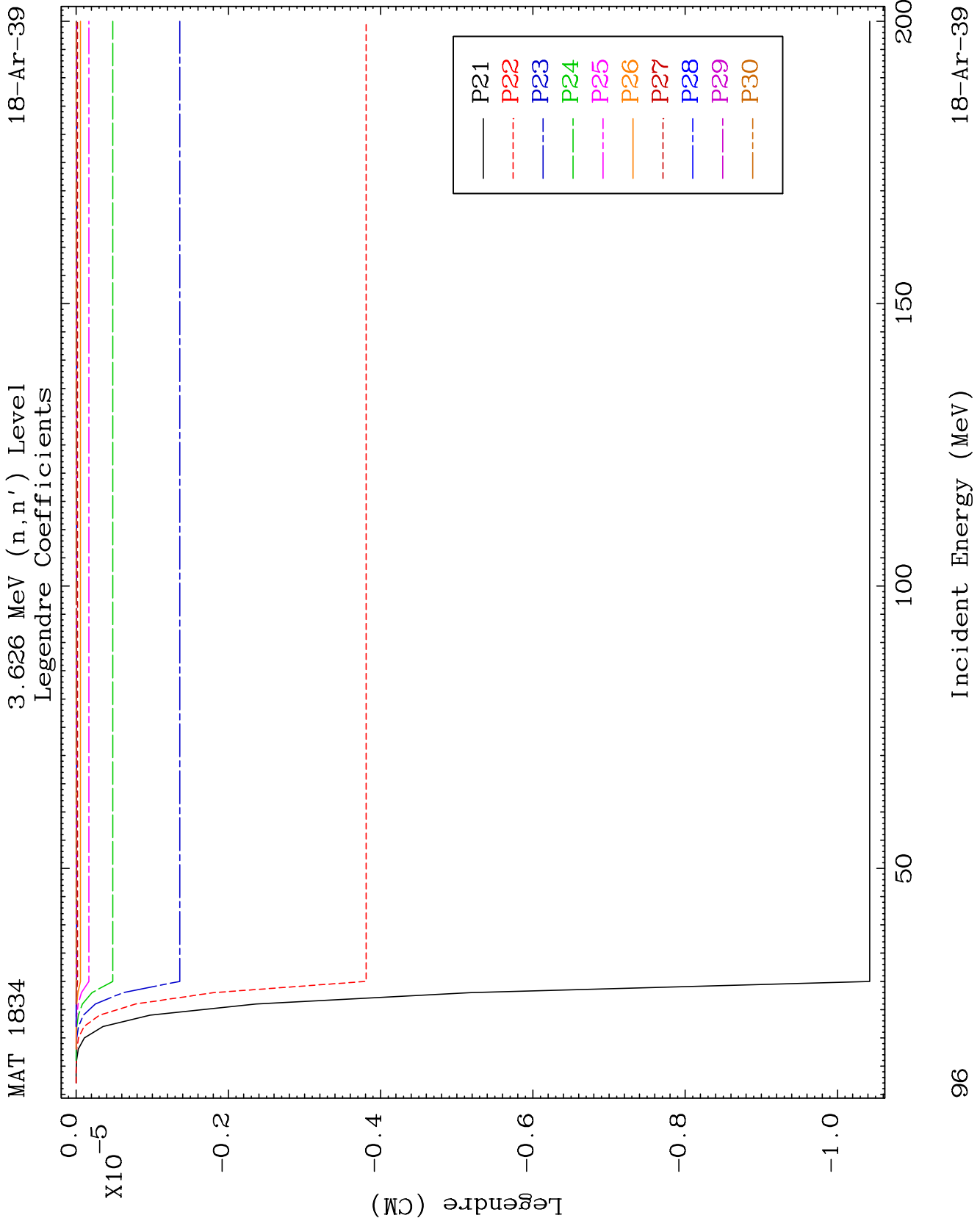


94

Incident Energy (MeV)

18-Ar-39

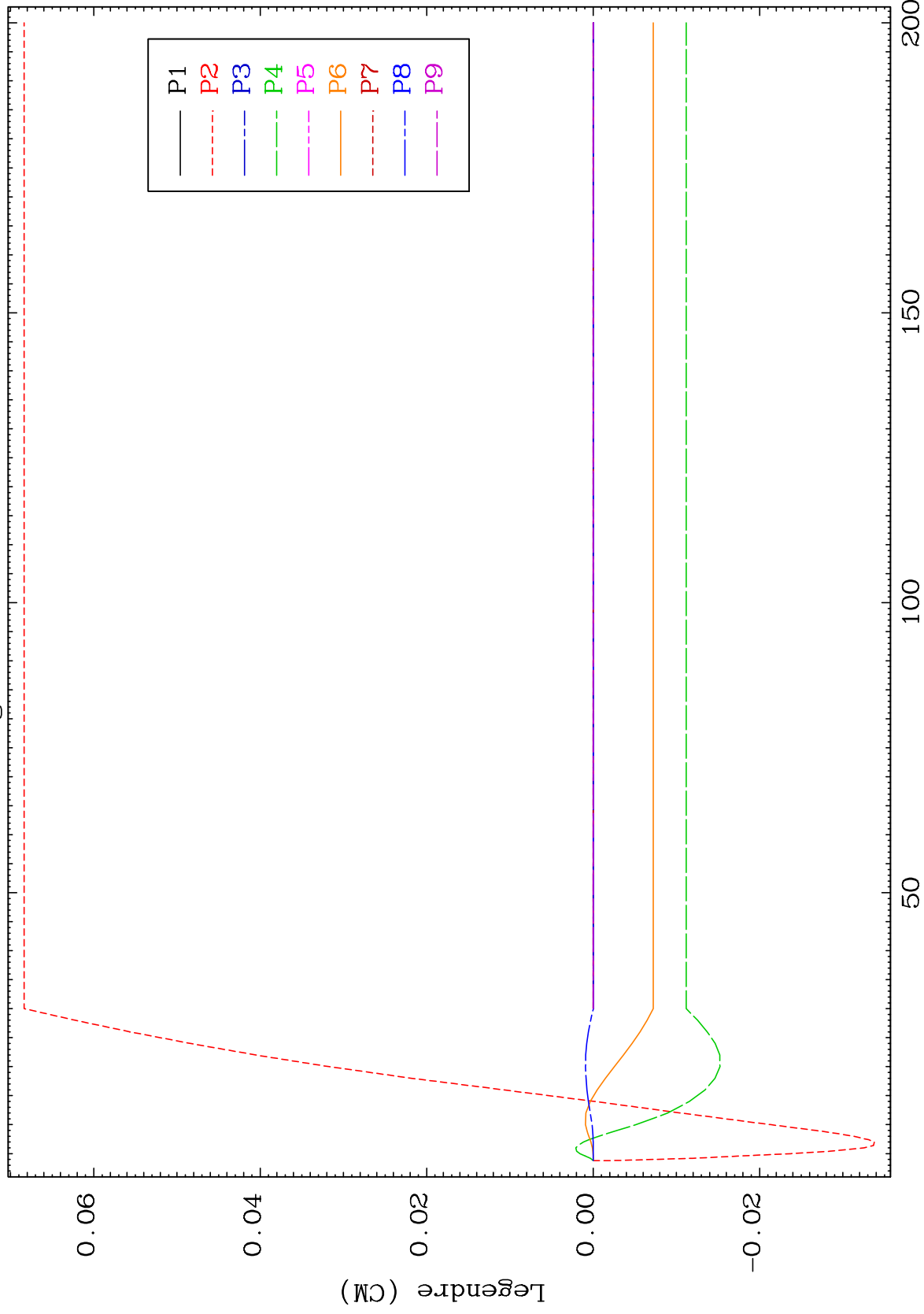




MAT 1834

3.681 MeV (n,n') Level
Legendre Coefficients

18-Ar-39



97

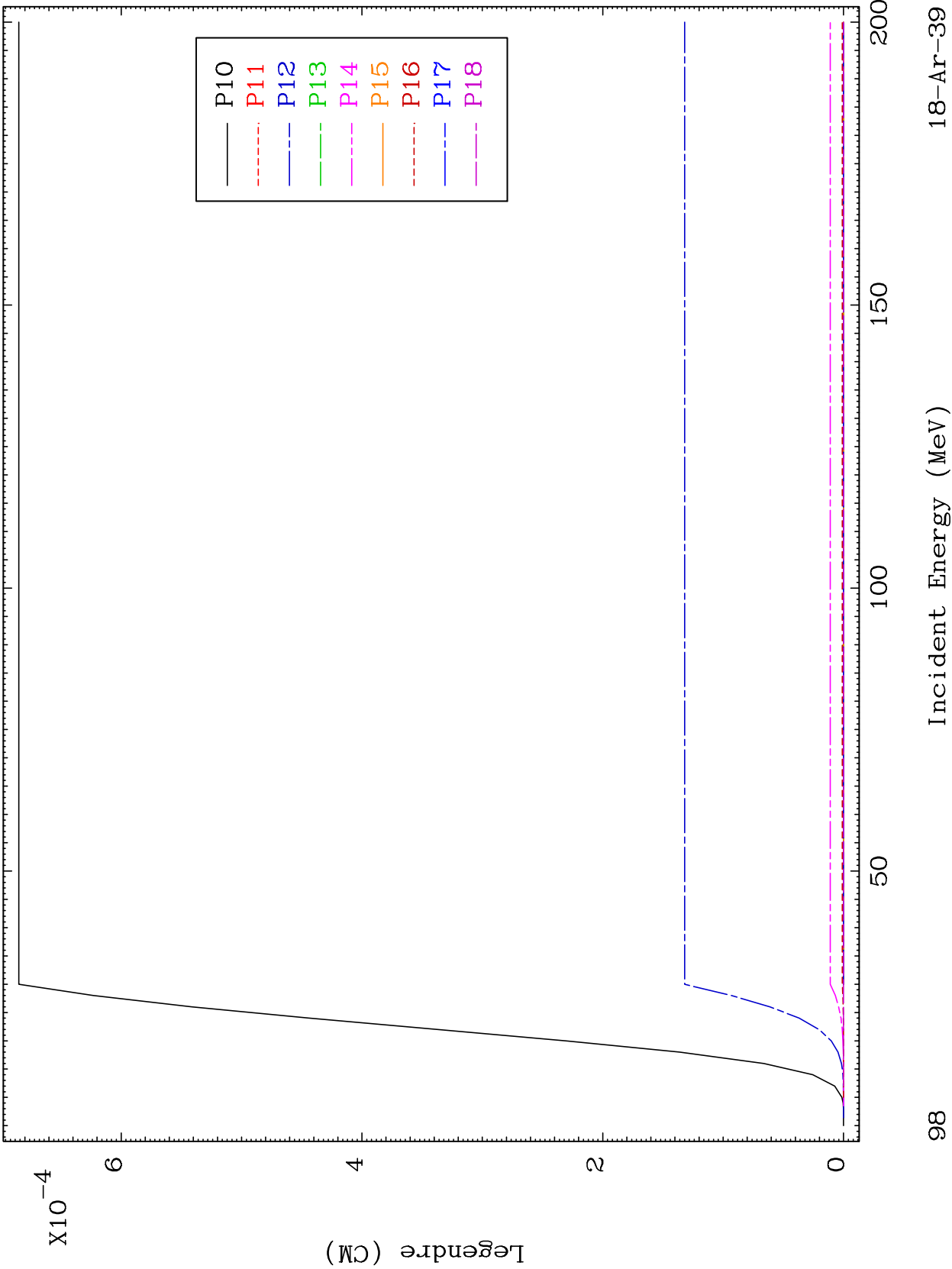
Incident Energy (MeV)

18-Ar-39

MAT 1834

3.681 MeV (n,n') Level
Legendre Coefficients

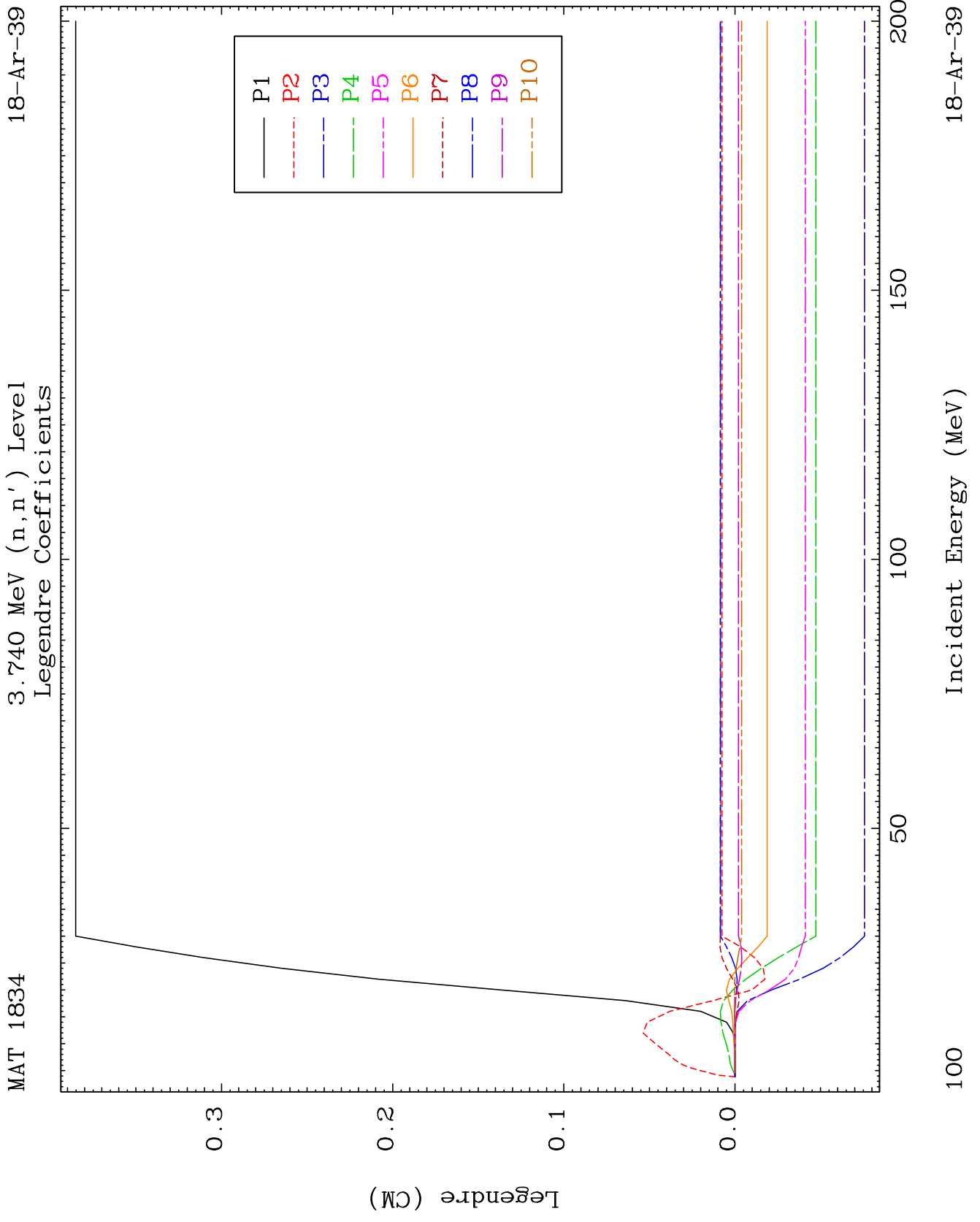
18-Ar-39

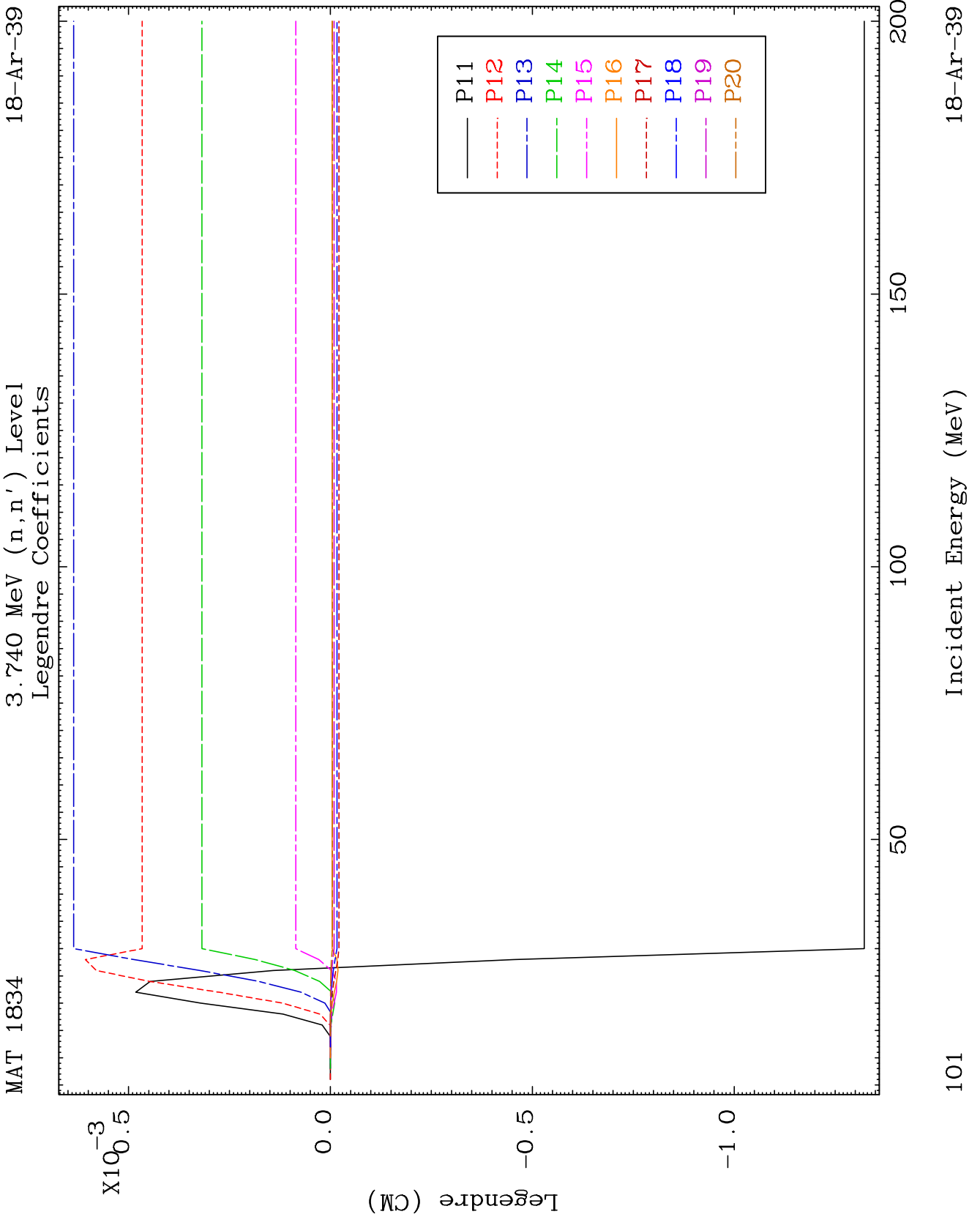


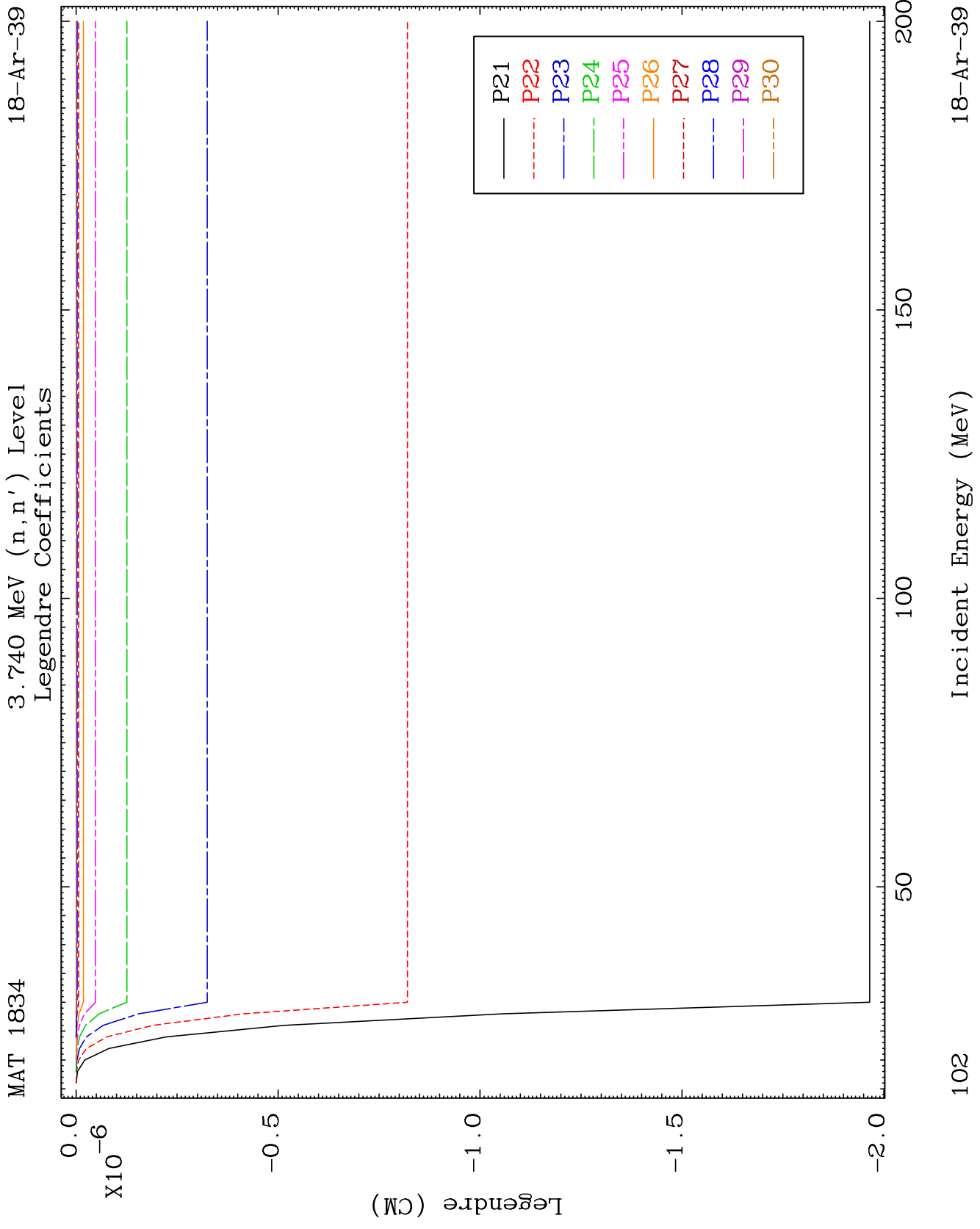
98

Incident Energy (MeV)

18-Ar-39



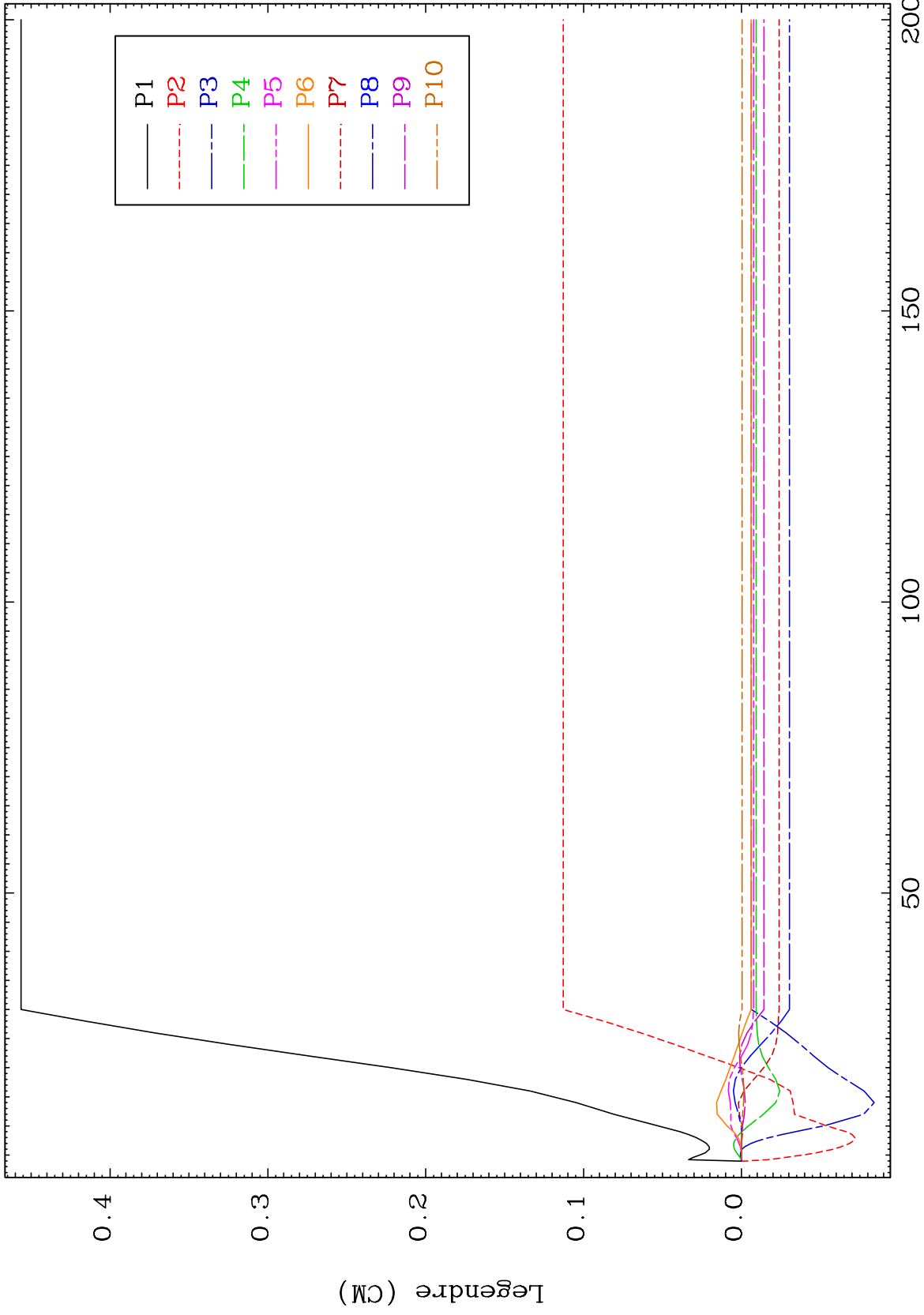




MAT 1834

3.837 MeV (n,n') Level
Legendre Coefficients

18-Ar-39



103

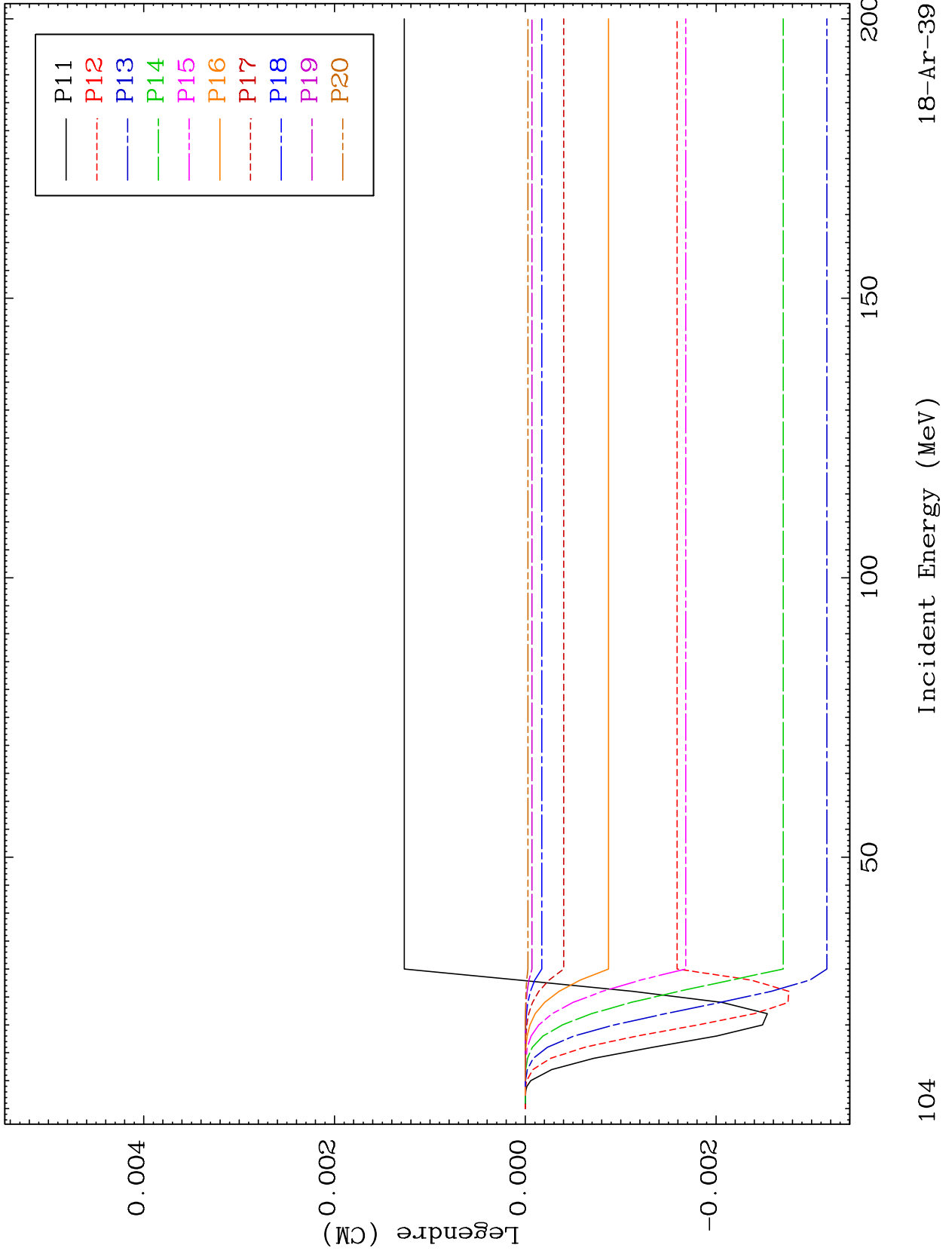
Incident Energy (MeV)

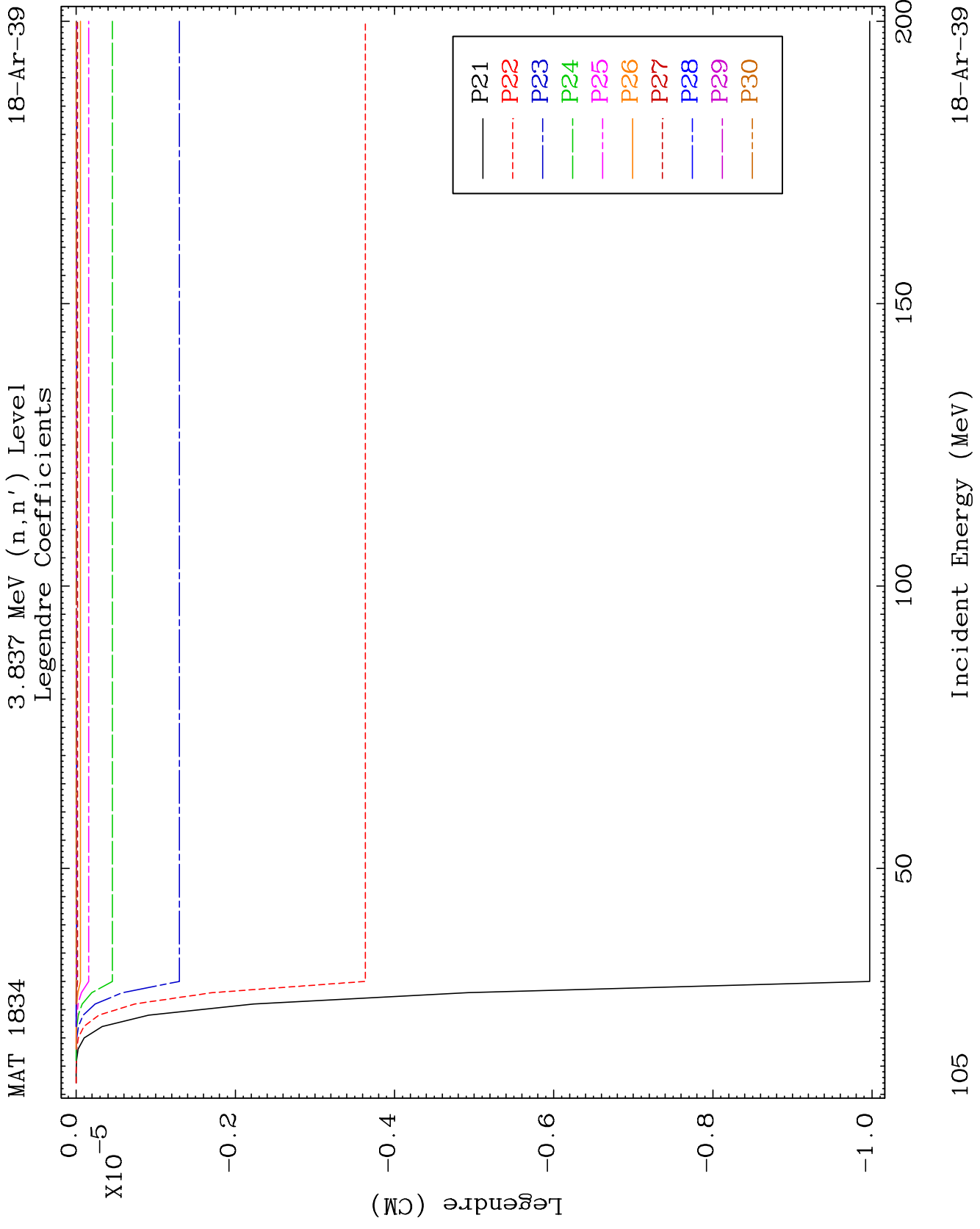
18-Ar-39

MAT 1834

3.837 MeV (n,n') Level
Legendre Coefficients

18-Ar-39

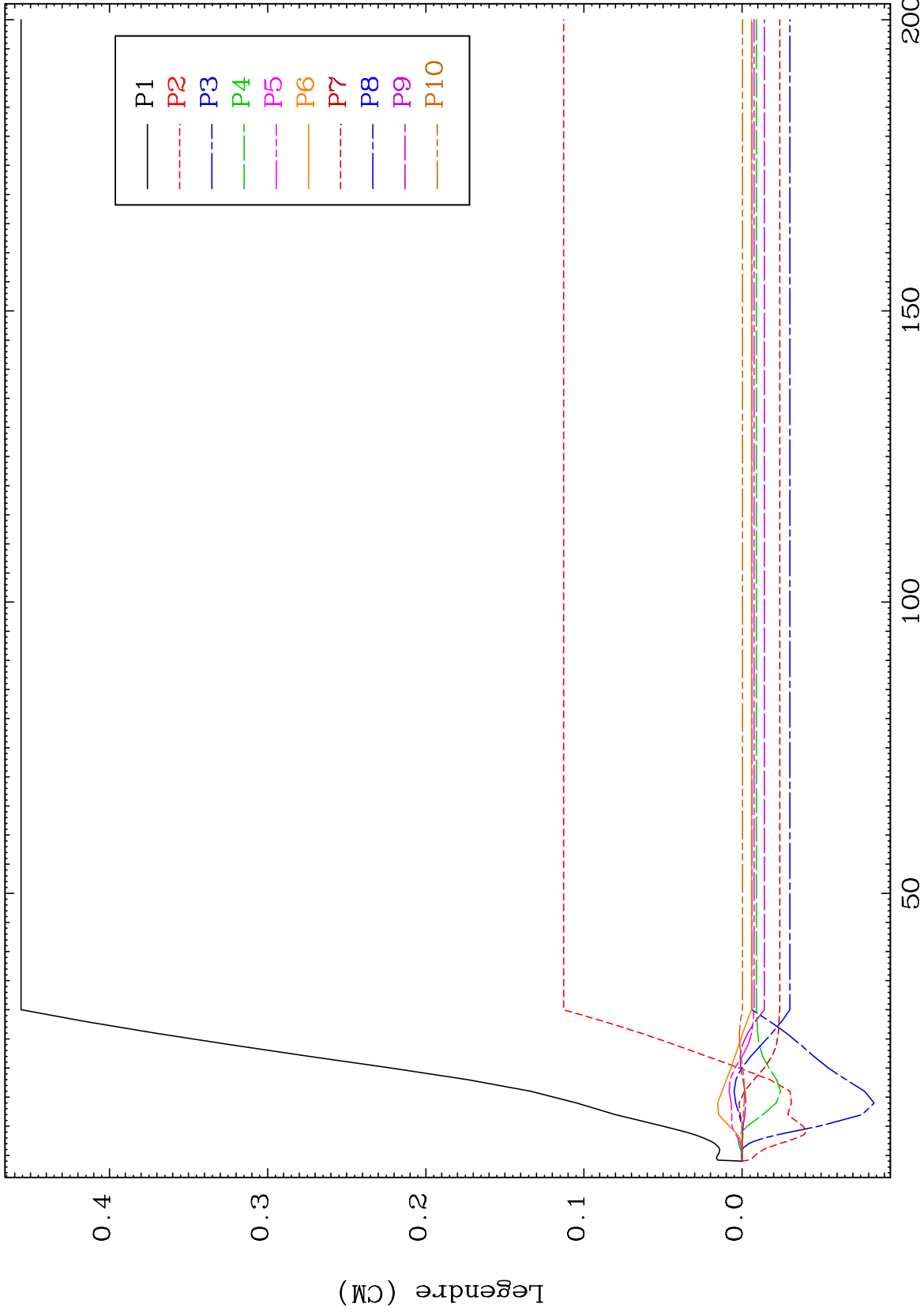




MAT 1834

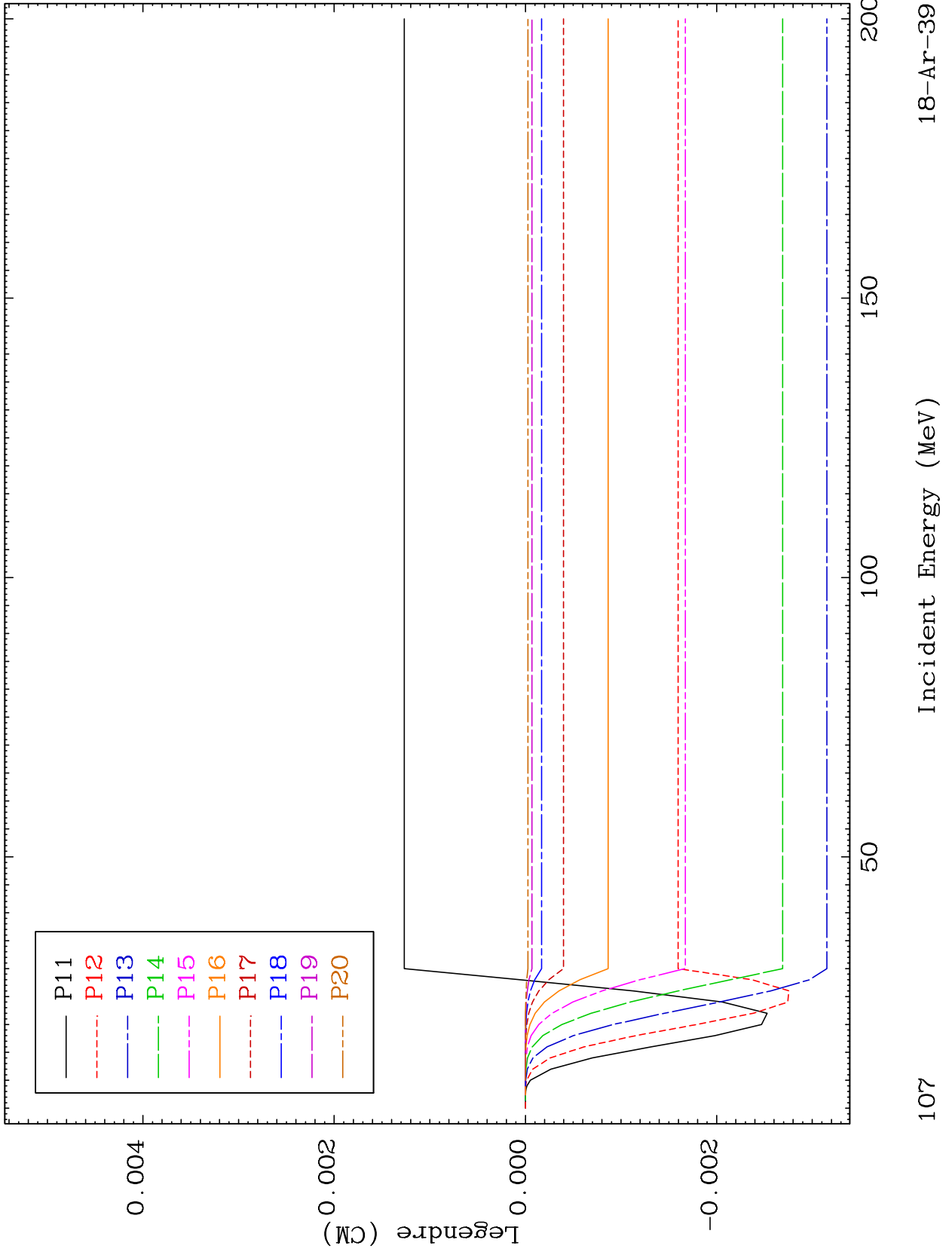
3.893 MeV (n,n') Level
Legendre Coefficients

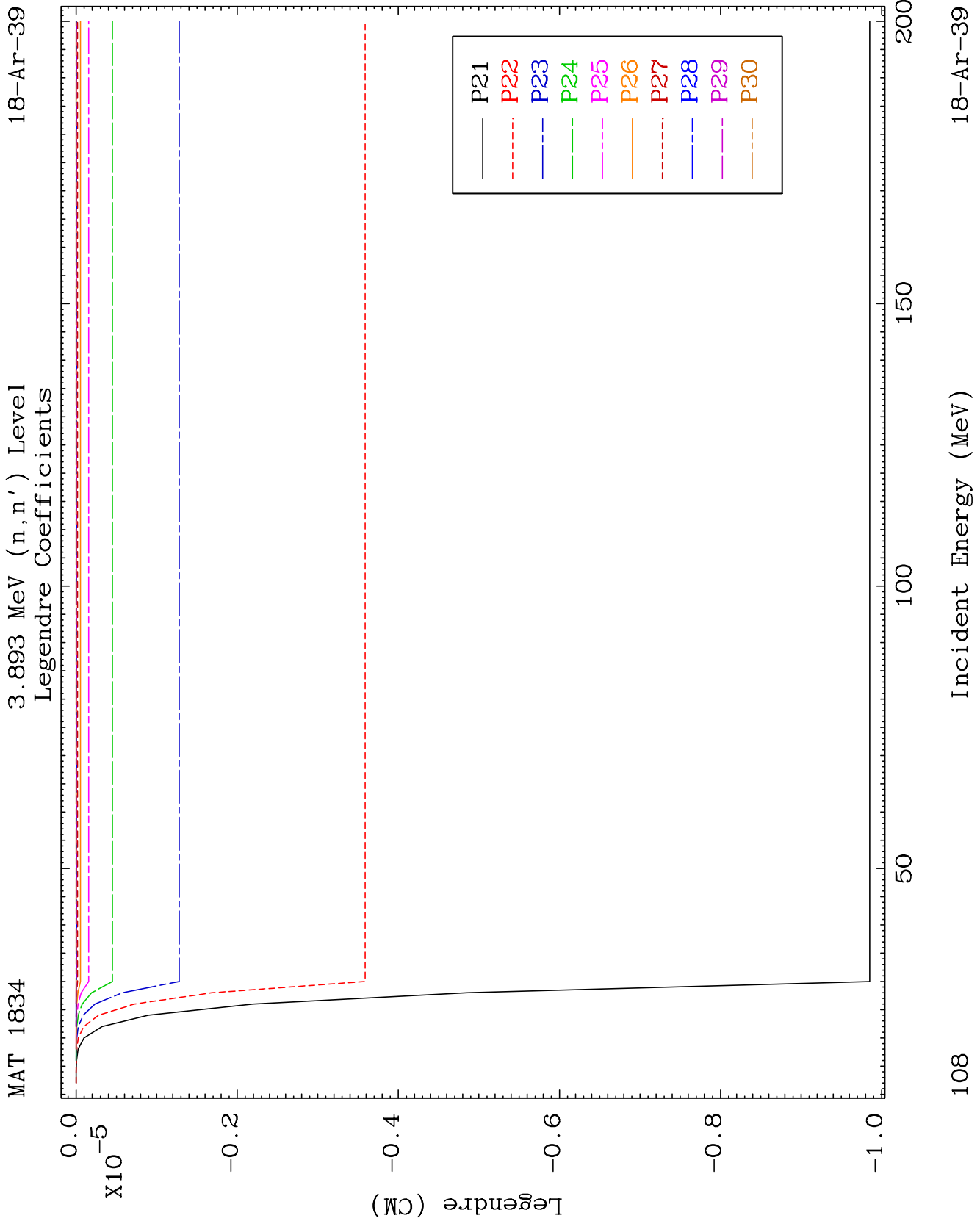
18-Ar-39



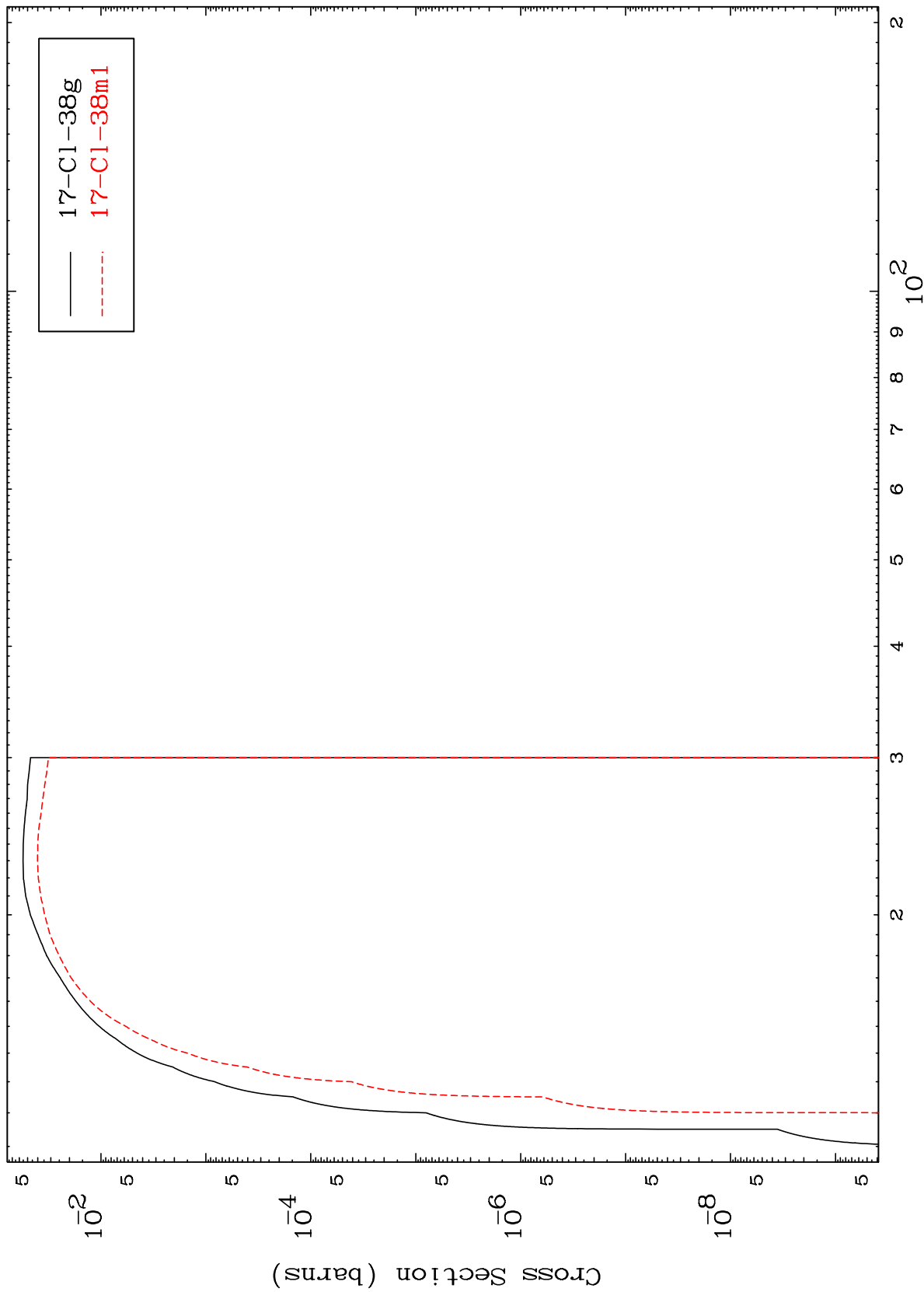
106

18-Ar-39





Radionuclide Production Cross Section

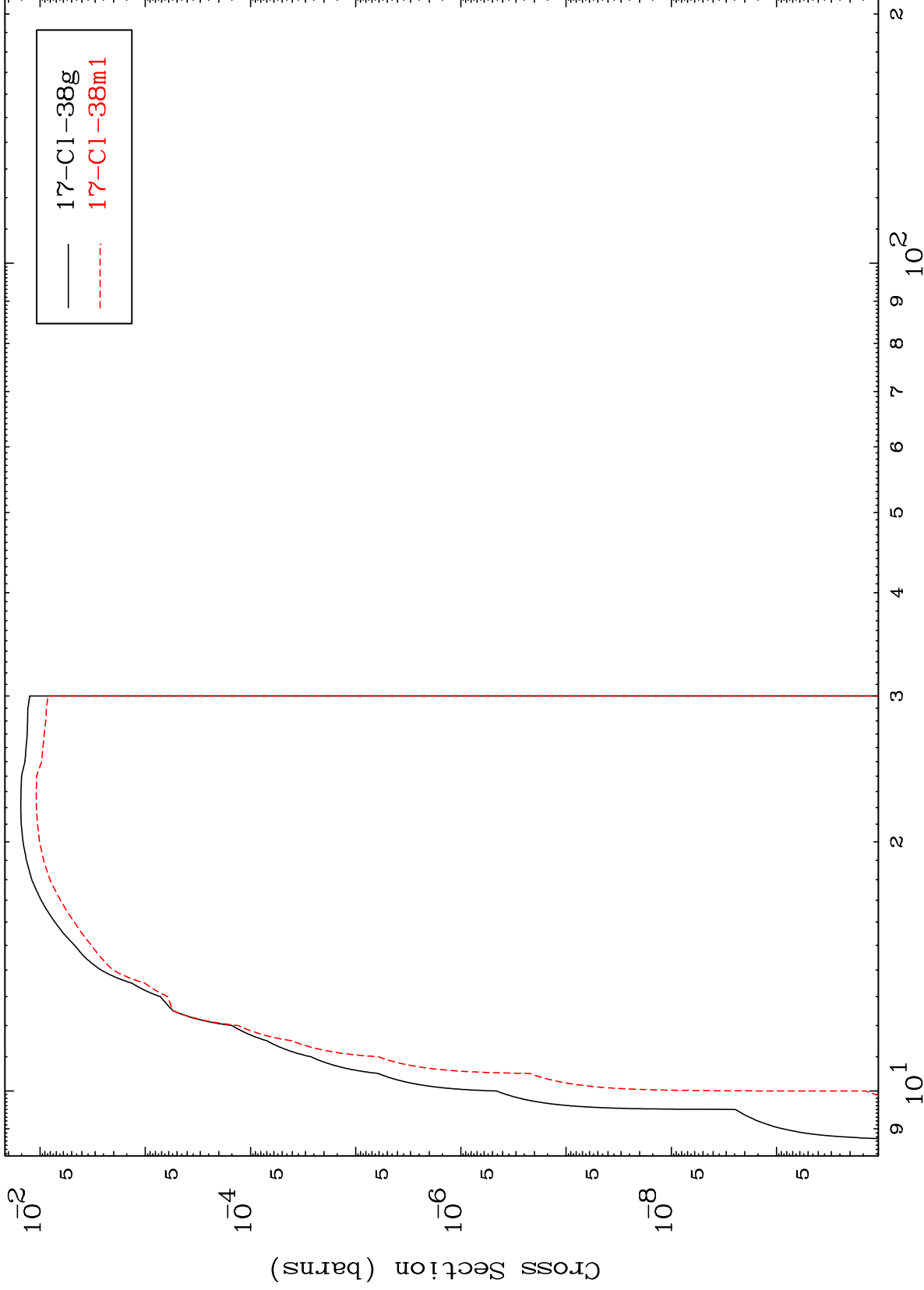


MAT 1834

(n,d)

18-Ar-39

Radionuclide Production Cross Section



110

Incident Energy (MeV)

18-Ar-39