

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

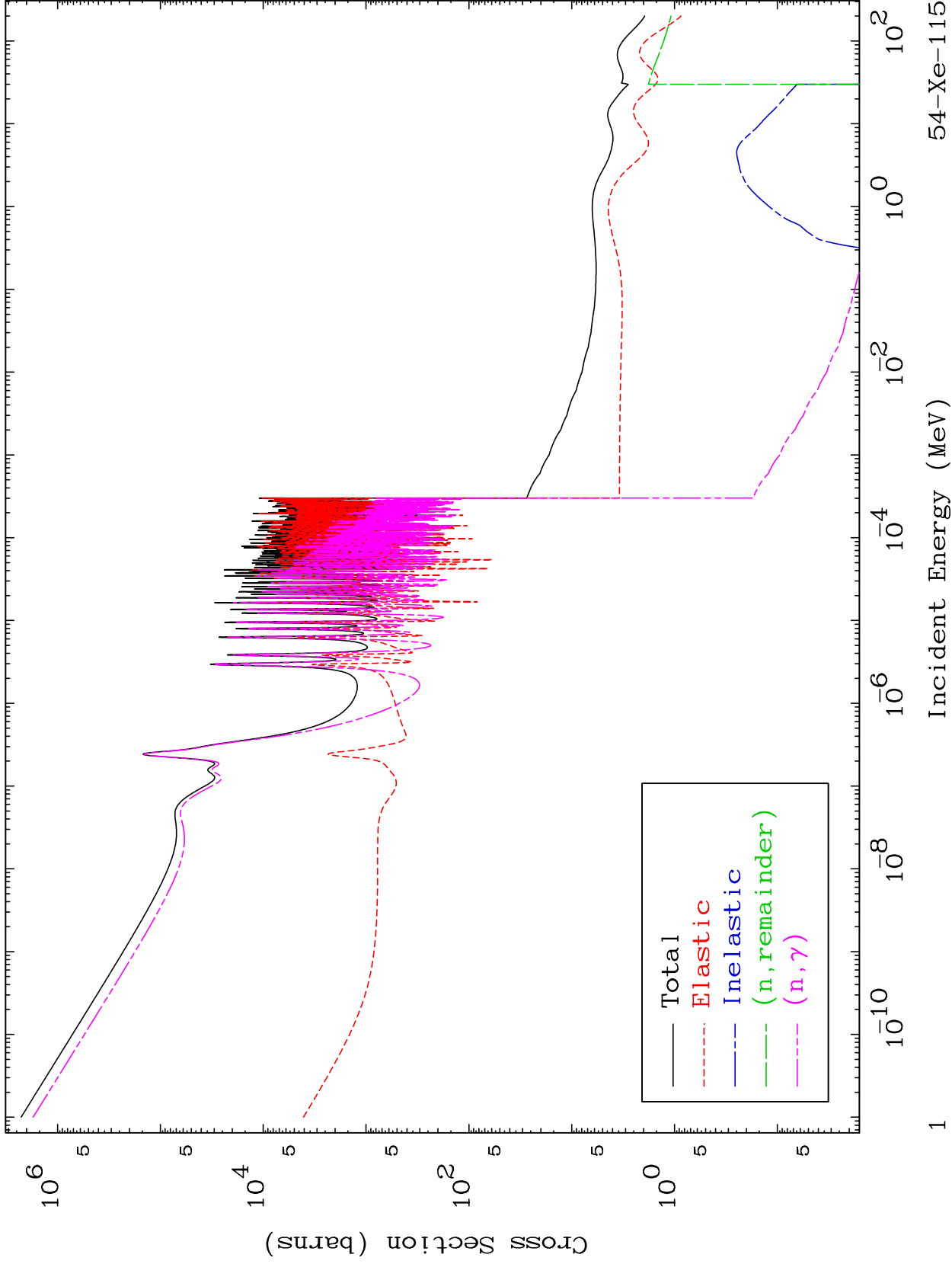
Press Mouse Button to Start

MAT 5398

Major

293 Kelvin Cross Sections

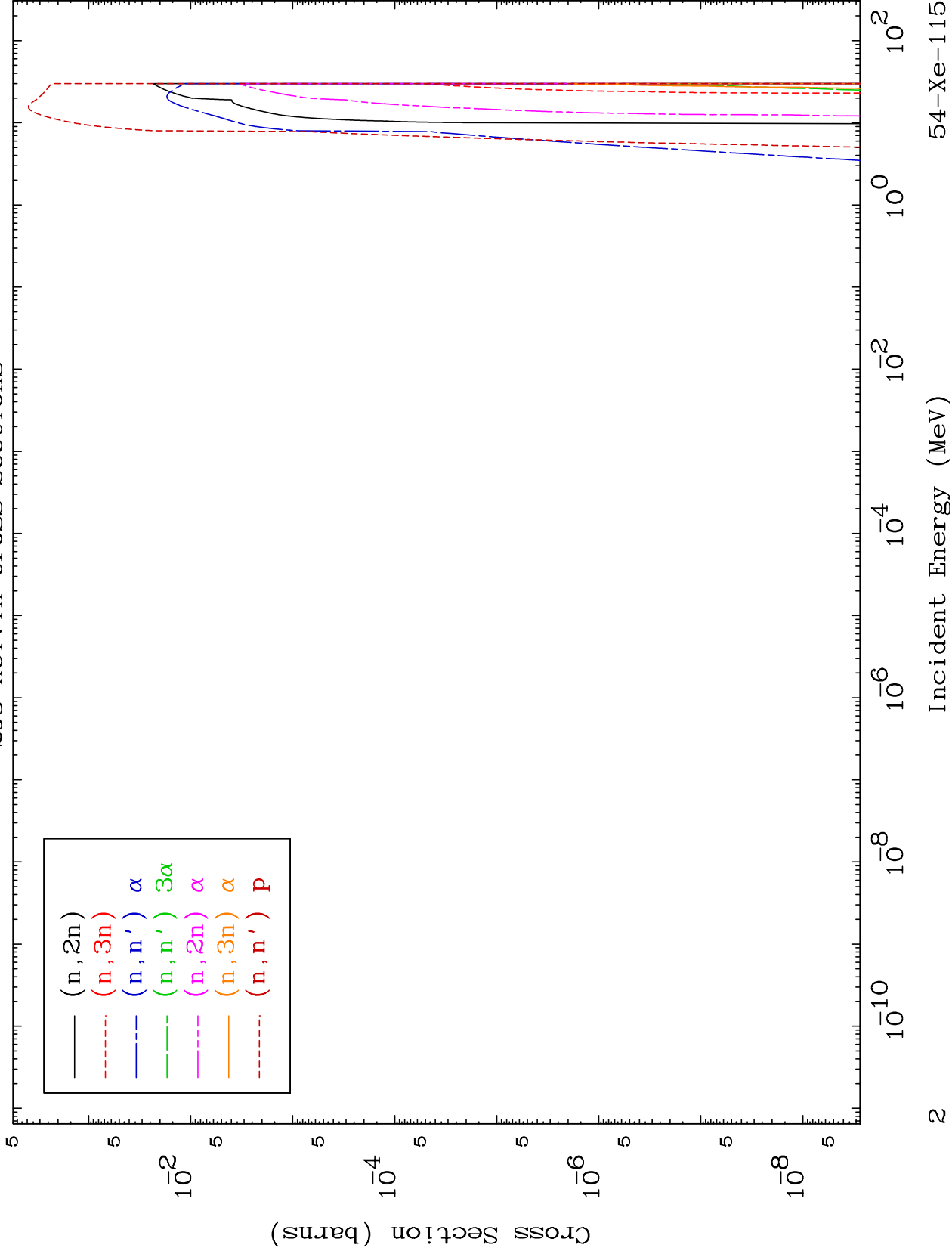
54-Xe-115



MAT 5398

Neutron Production
293 Kelvin Cross Sections

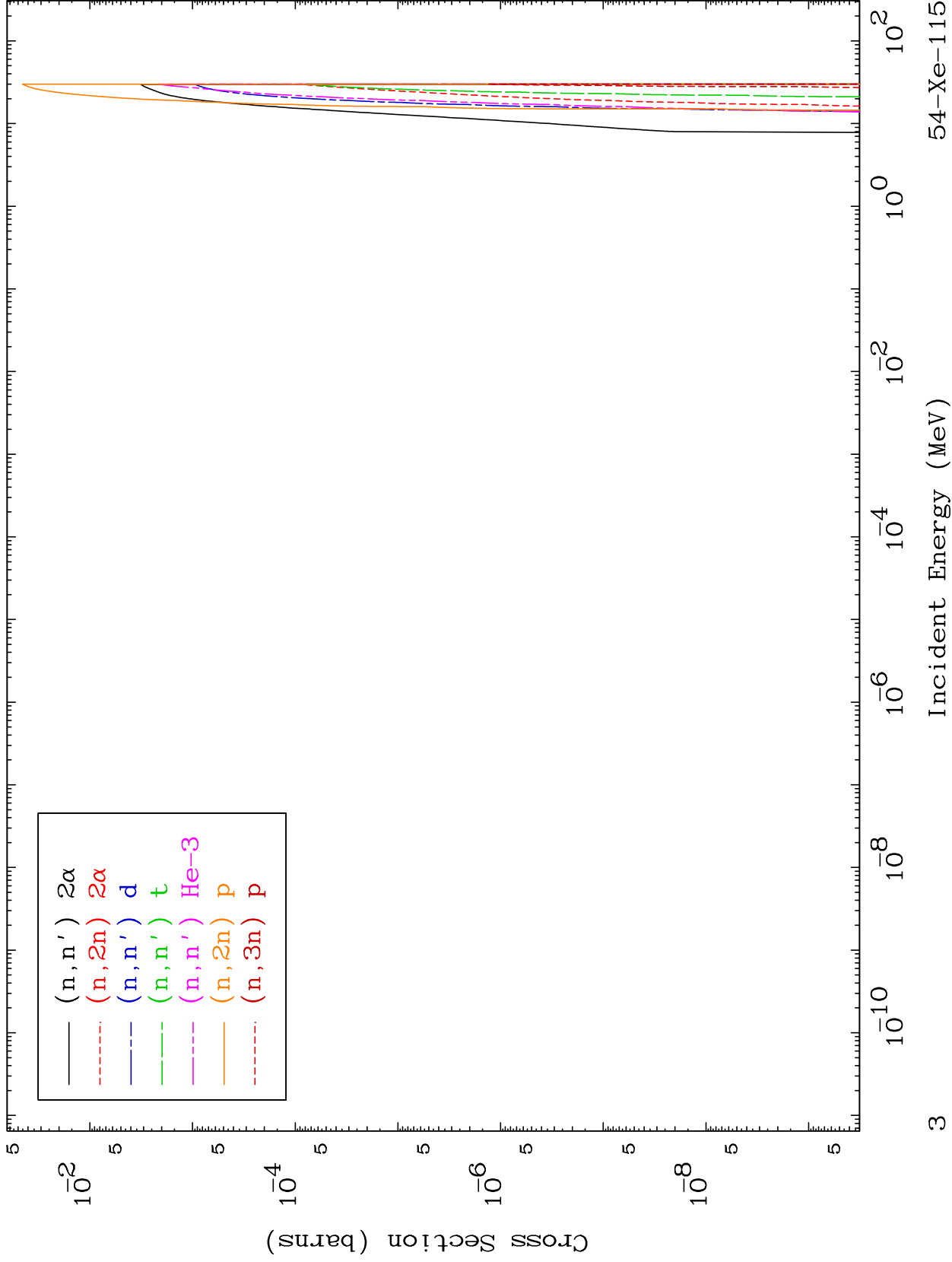
54-Xe-115



MAT 5398

Neutron Production
293 Kelvin Cross Sections

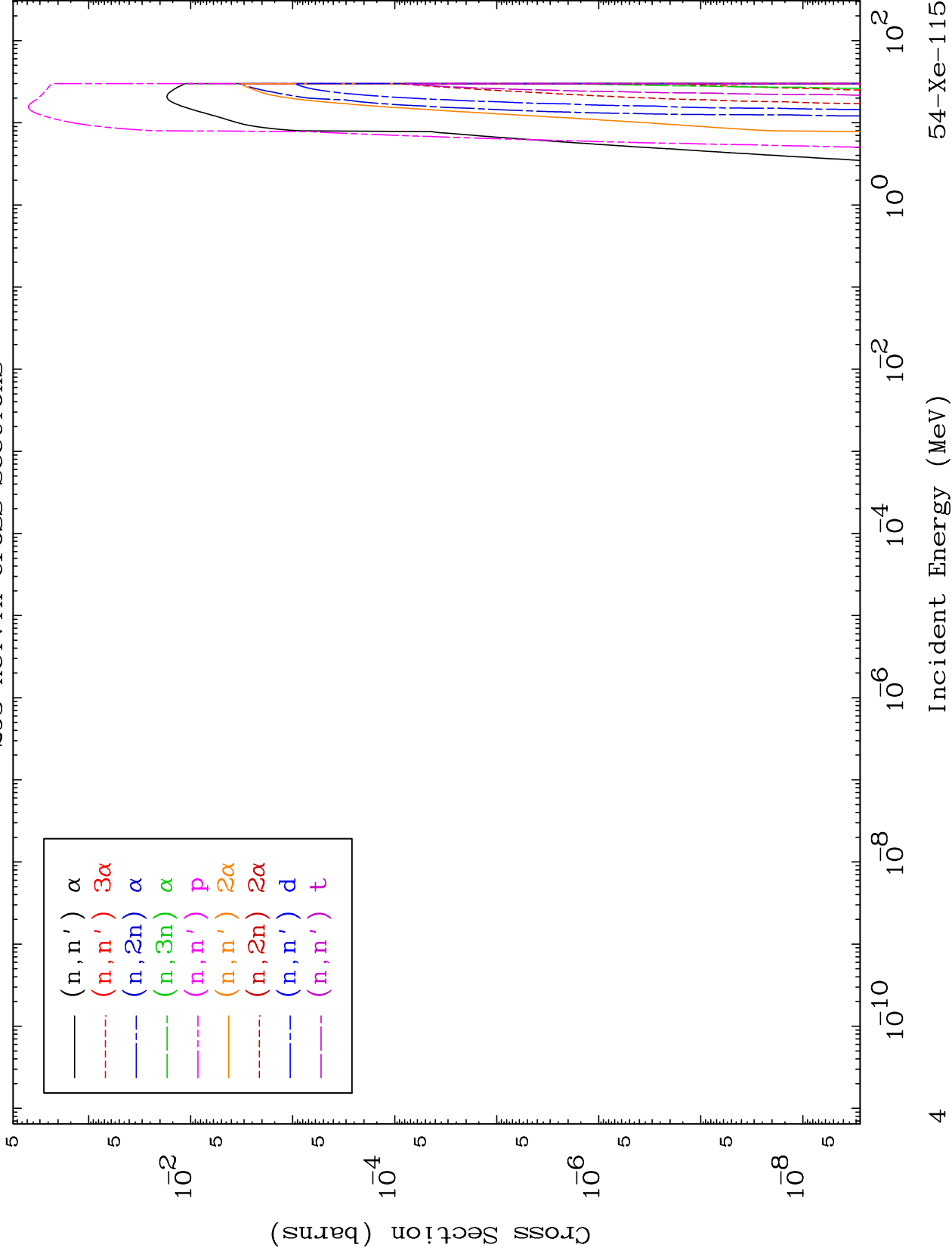
54-Xe-115

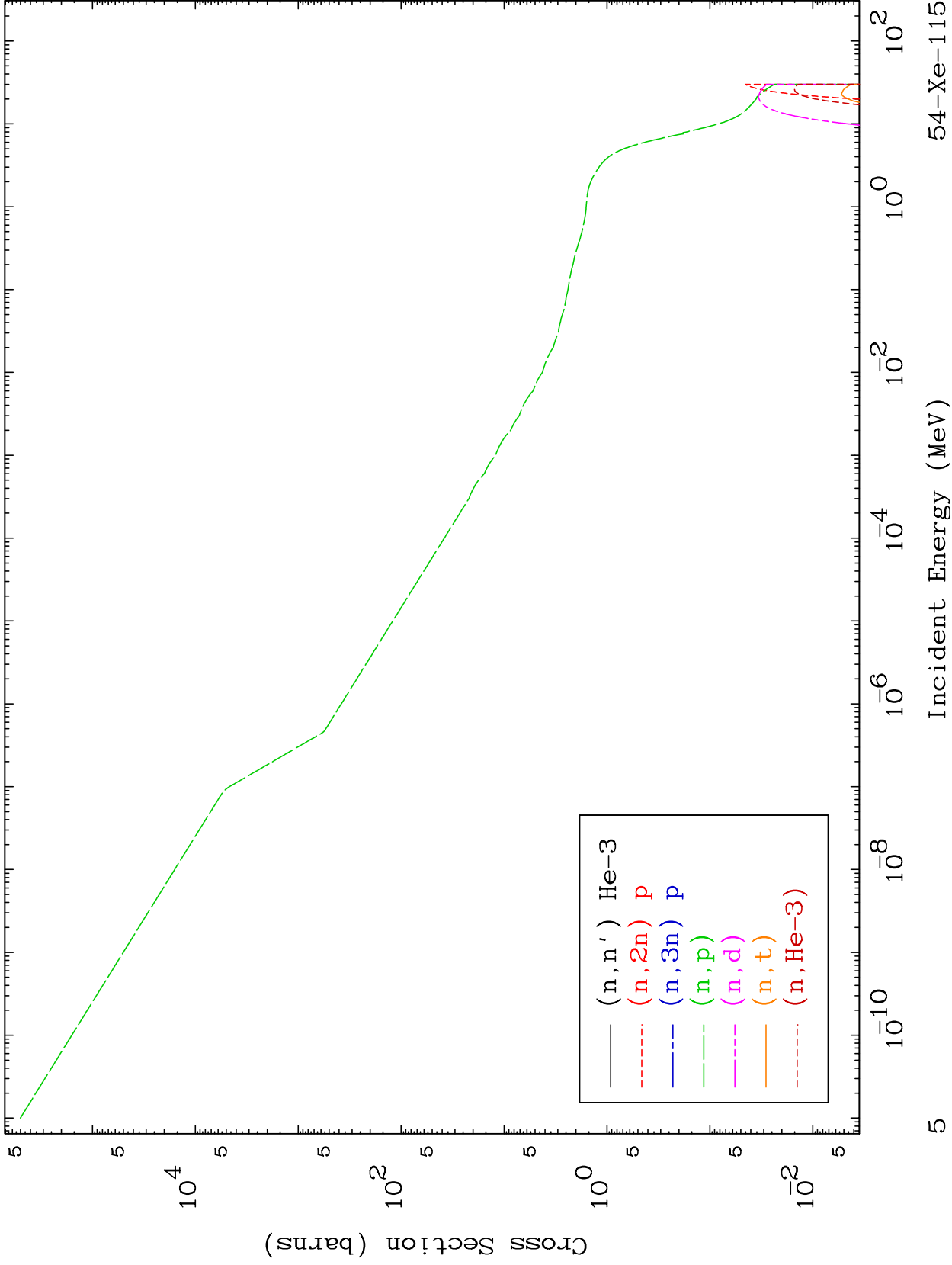


MAT 5398

Charged Particle
293 Kelvin Cross Sections

54-Xe-115

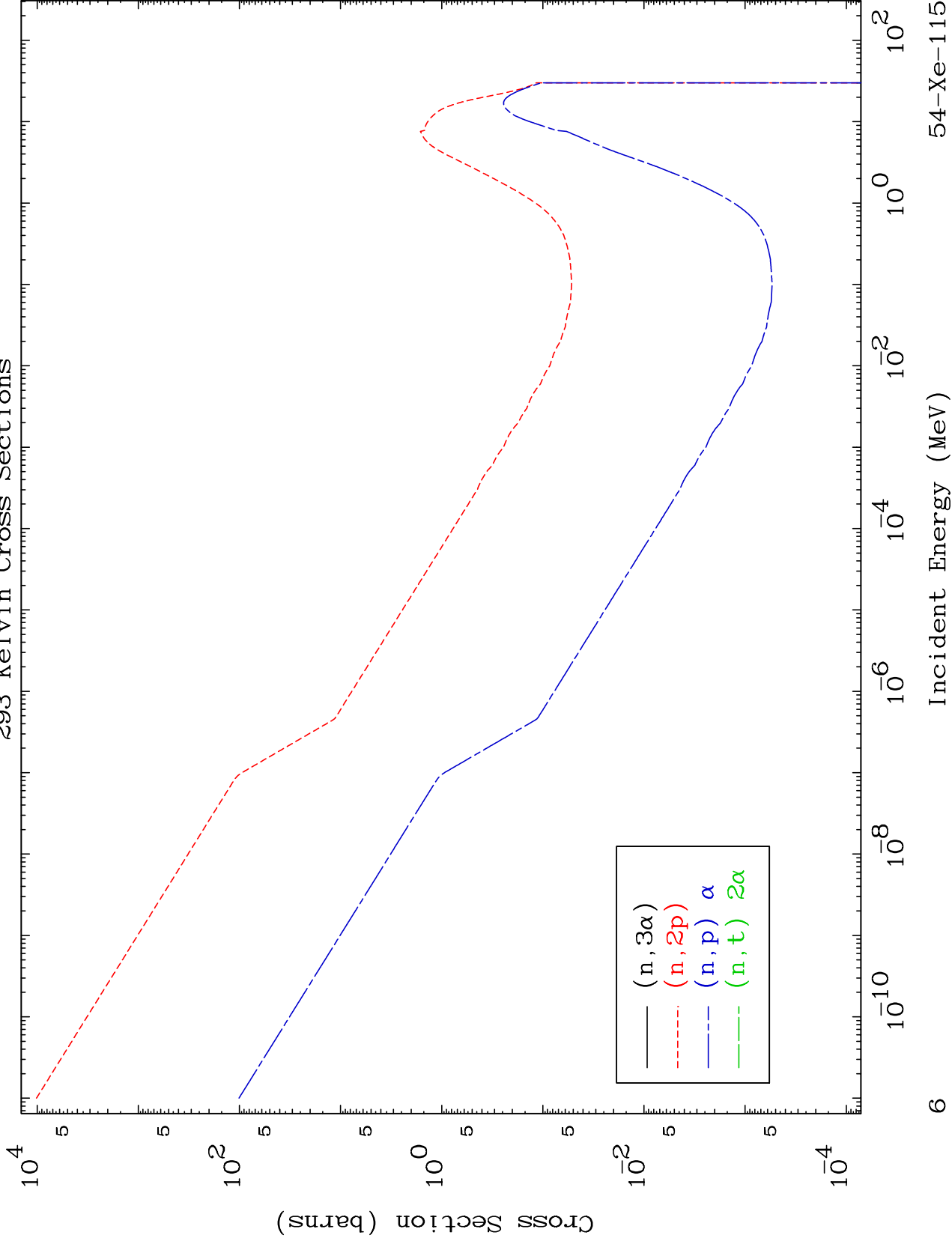




MAT 5398

Charged Particle
293 Kelvin Cross Sections

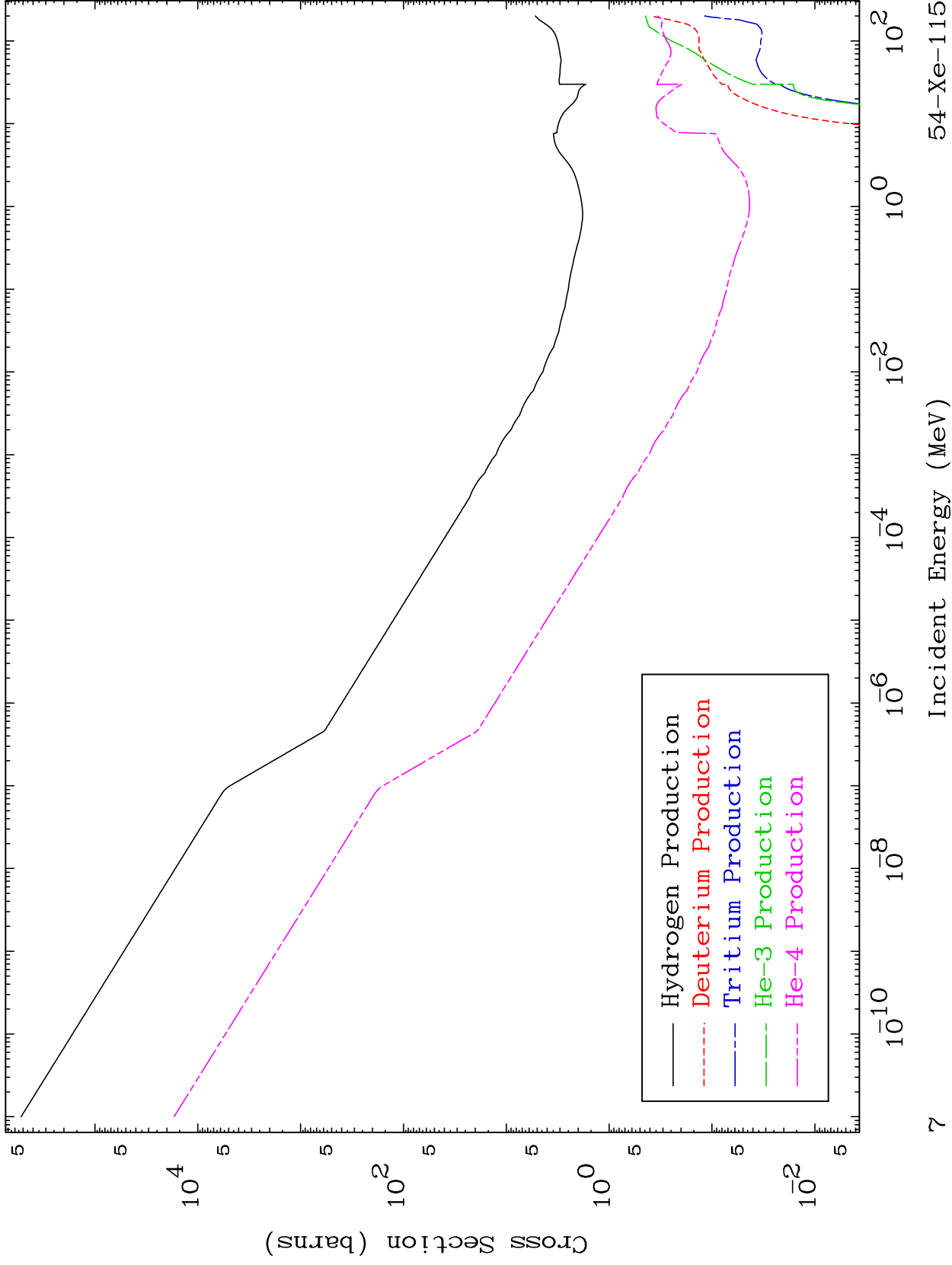
54-Xe-115

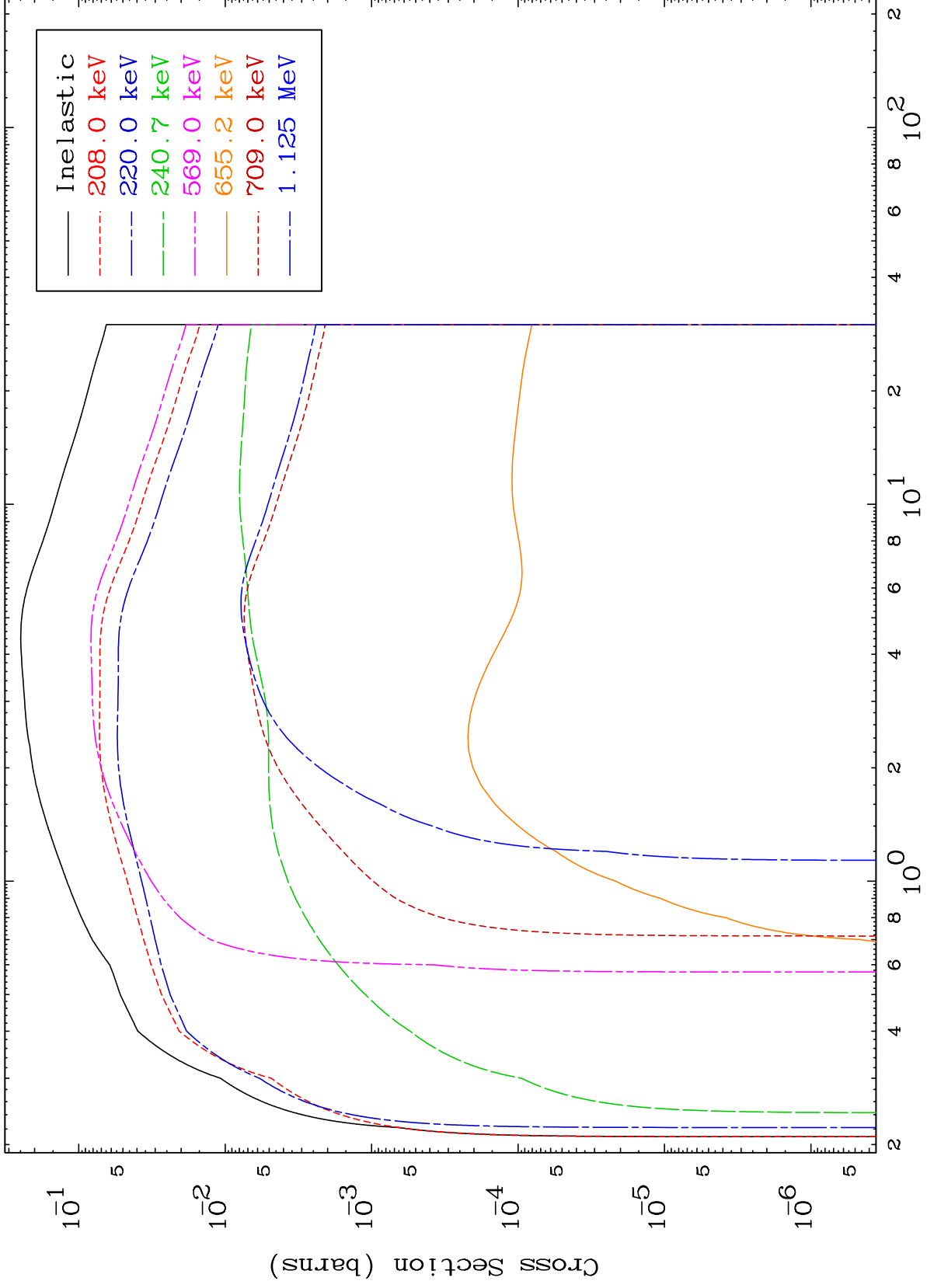


MAT 5398

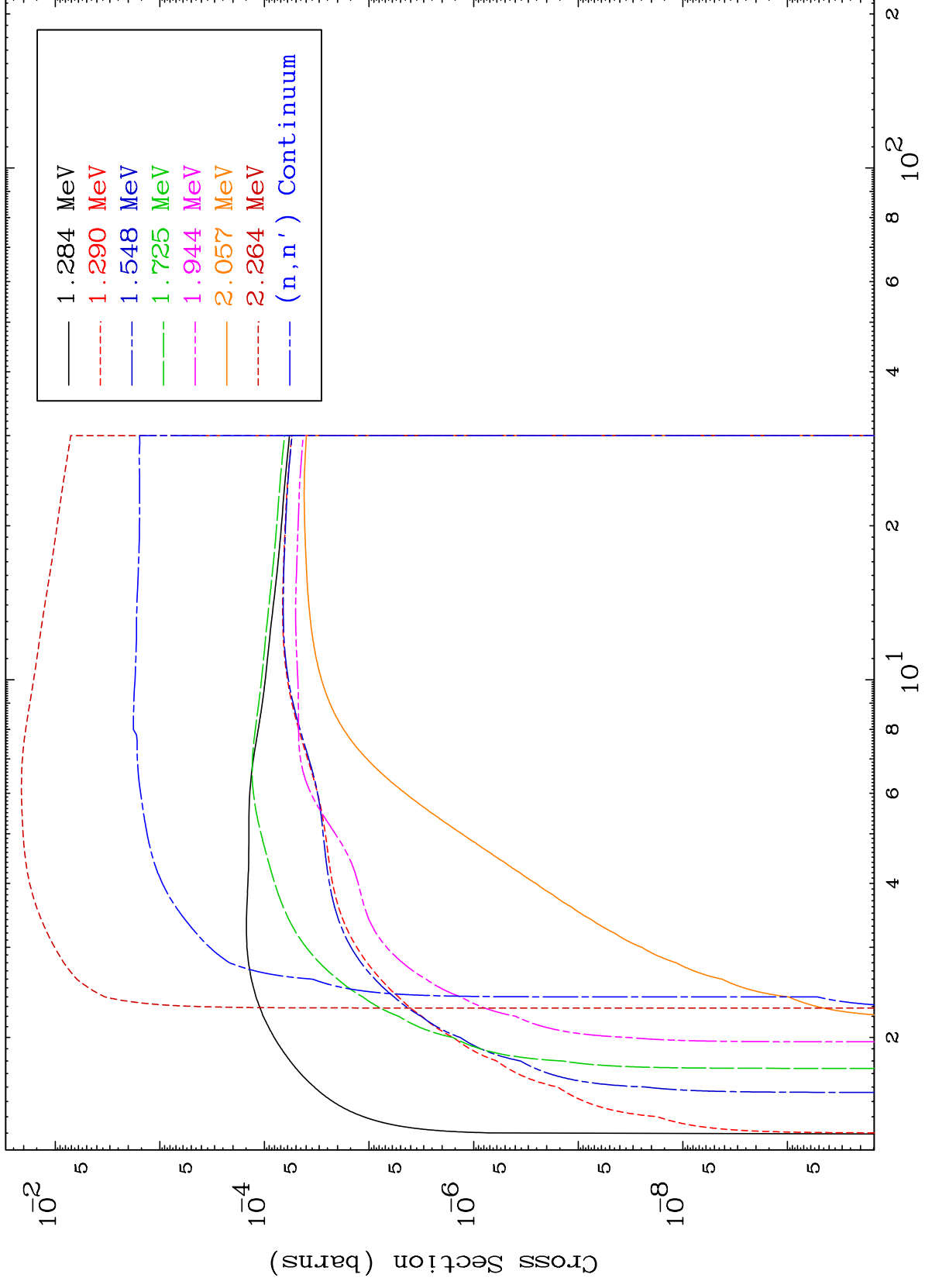
Particle Production
293 Kelvin Cross Sections

54-Xe-115





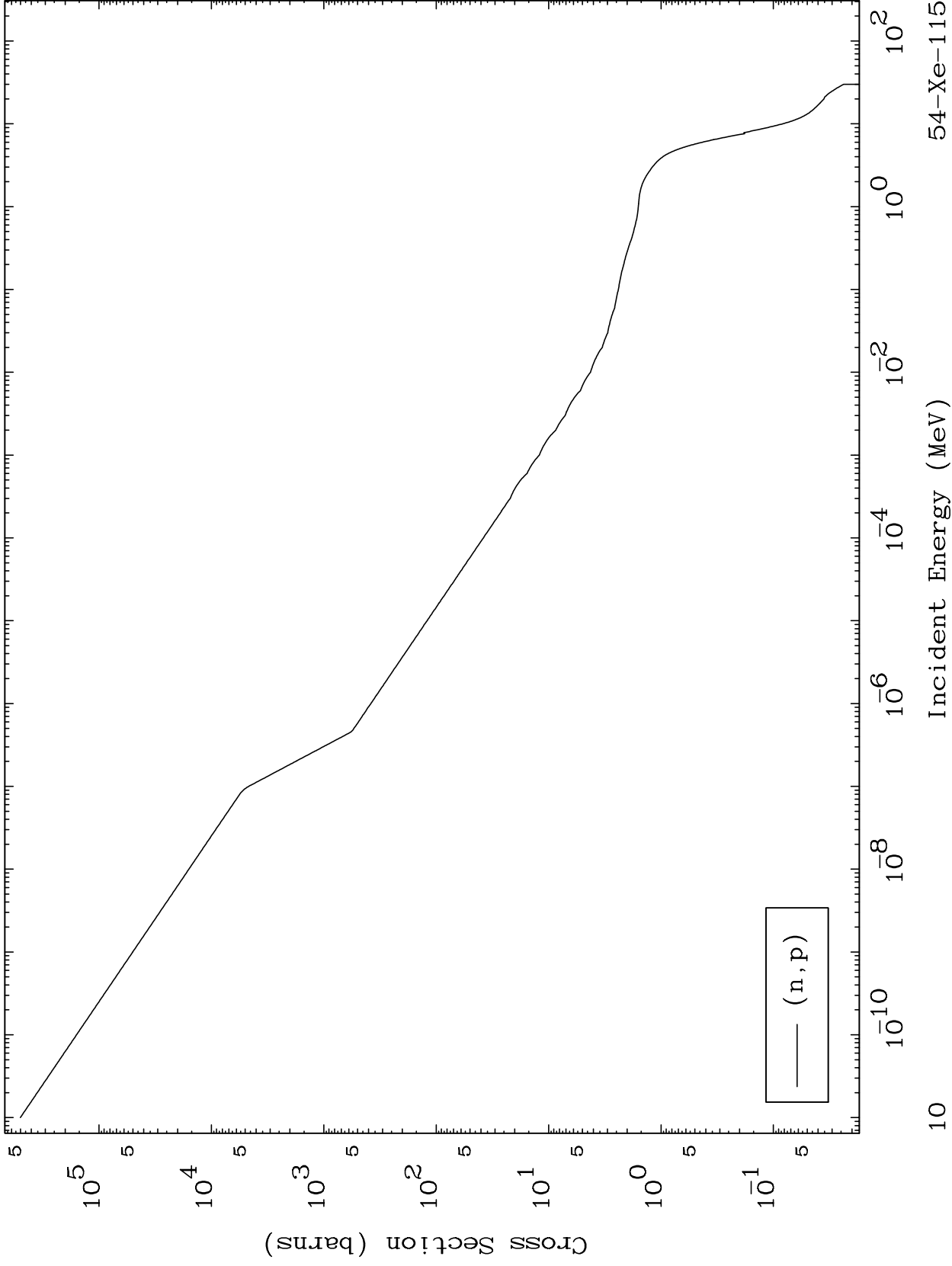
293 Kelvin Cross Sections



MAT 5398

(n,p) Levels
293 Kelvin Cross Sections

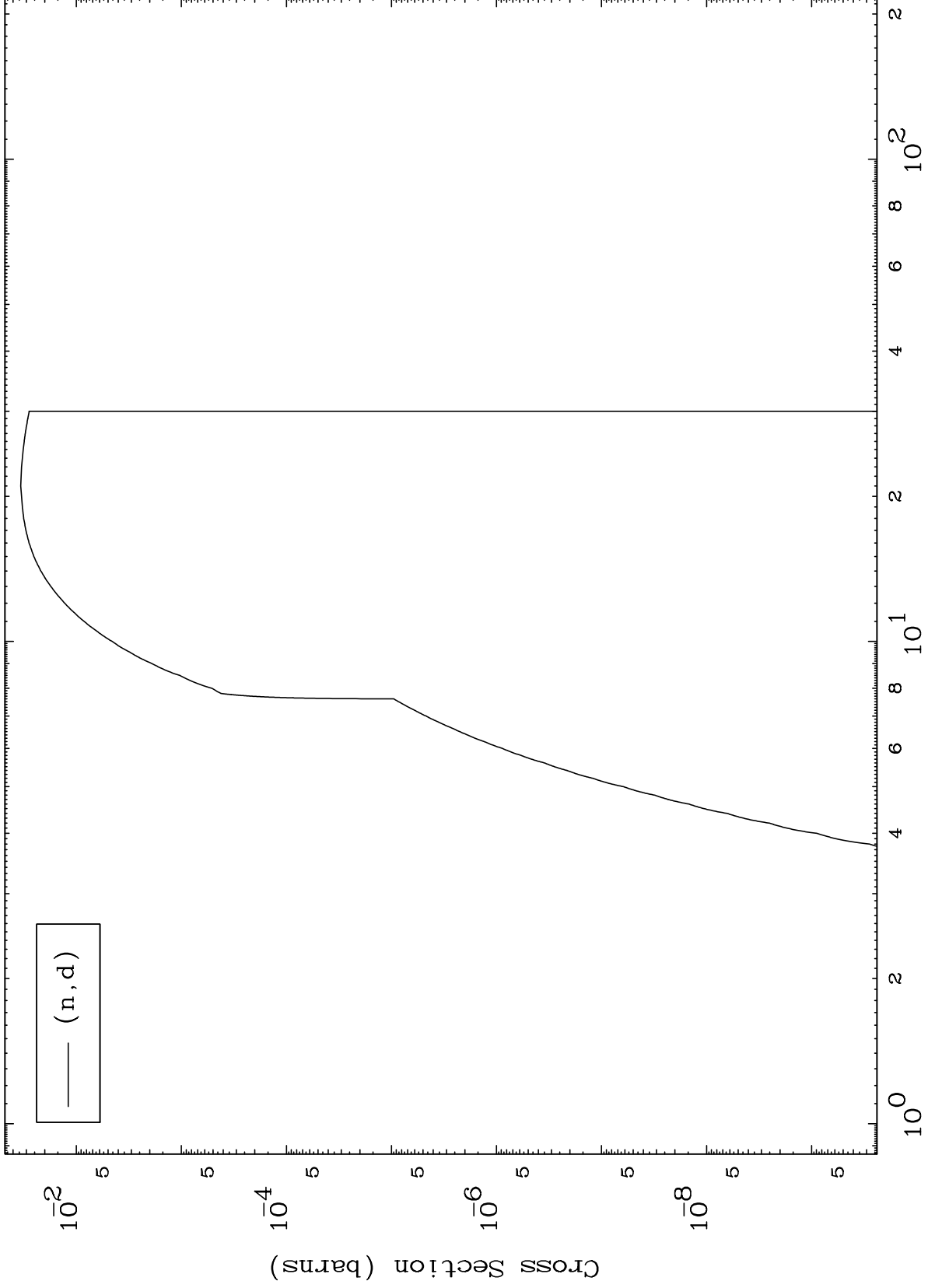
54-Xe-115



MAT 5398

(n,d) Levels
293 Kelvin Cross Sections

54-Xe-115



11

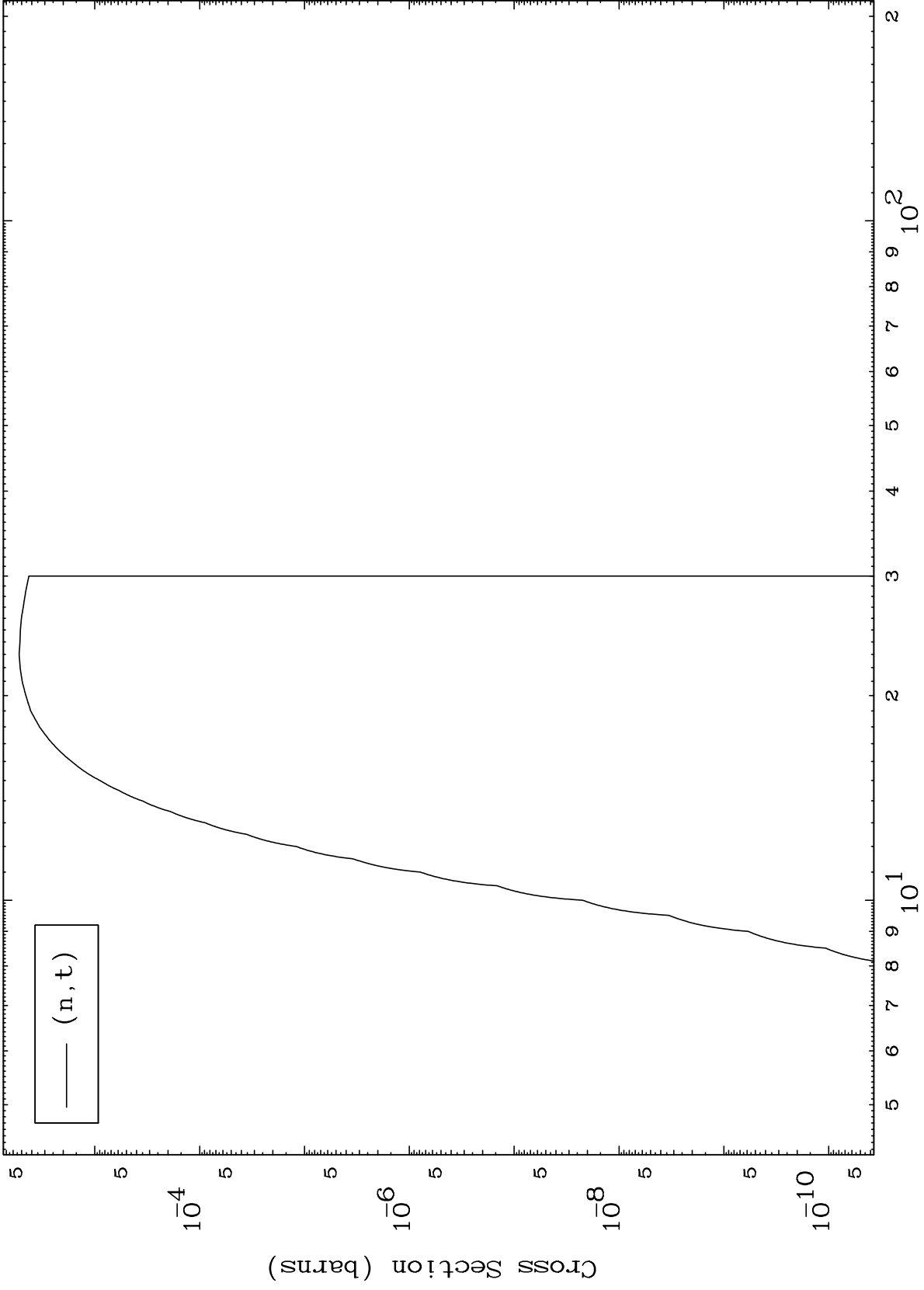
Incident Energy (MeV)

54-Xe-115

MAT 5398

(n,t) Levels
293 Kelvin Cross Sections

54-Xe-115



12

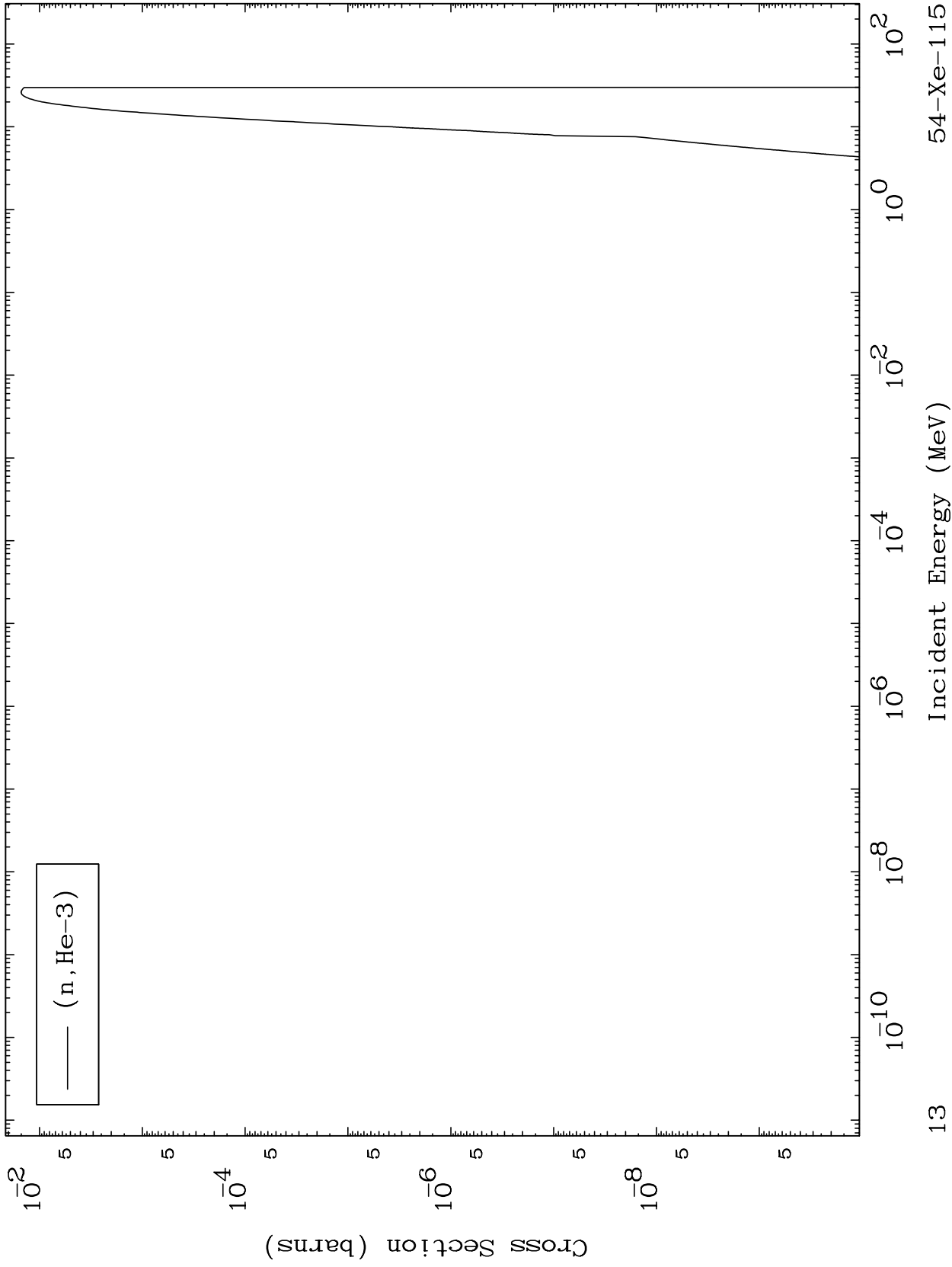
Incident Energy (MeV)

54-Xe-115

MAT 5398

(n,He3) Levels
293 Kelvin Cross Sections

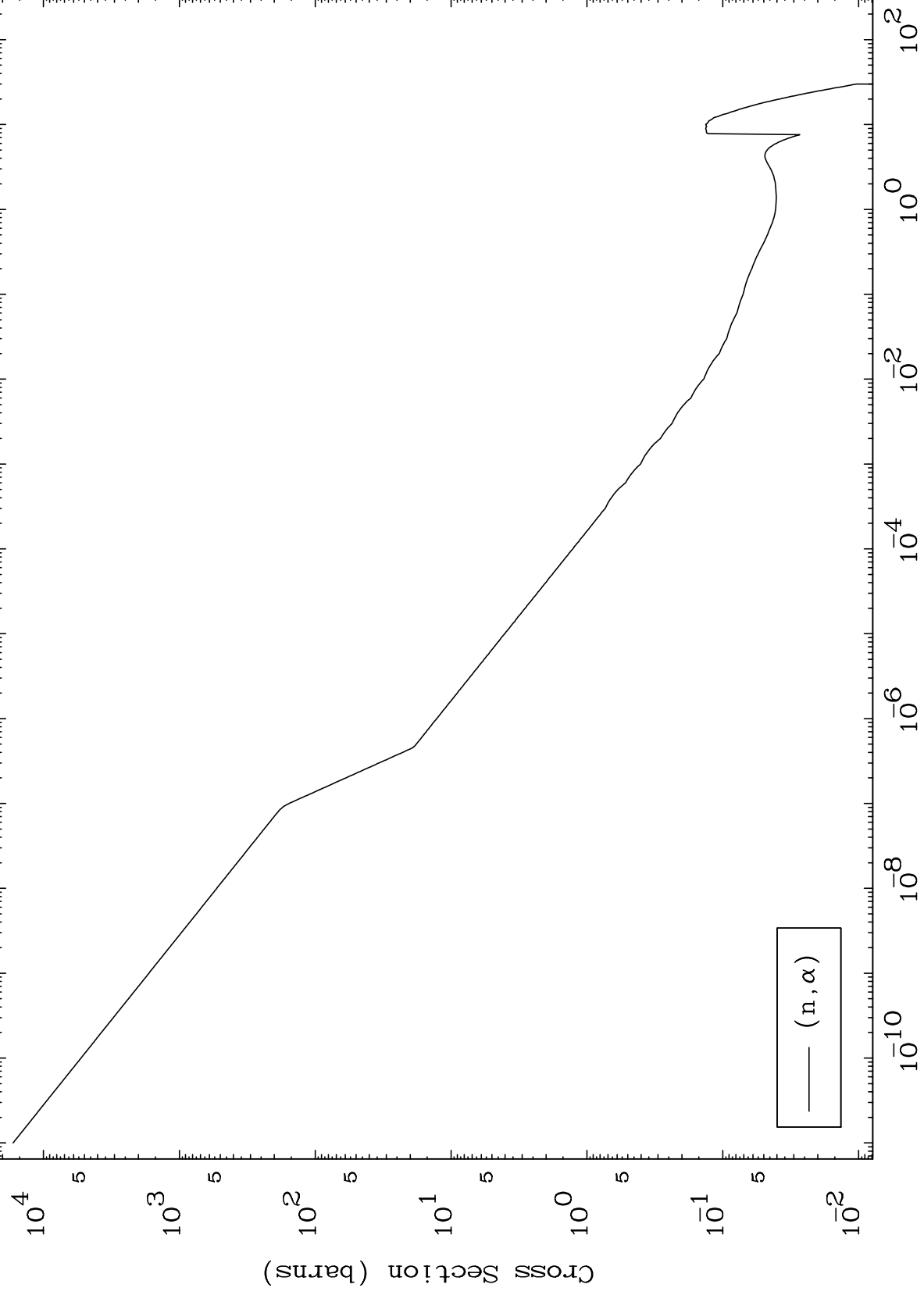
54-Xe-115



MAT 5398

(n,α) Levels
293 Kelvin Cross Sections

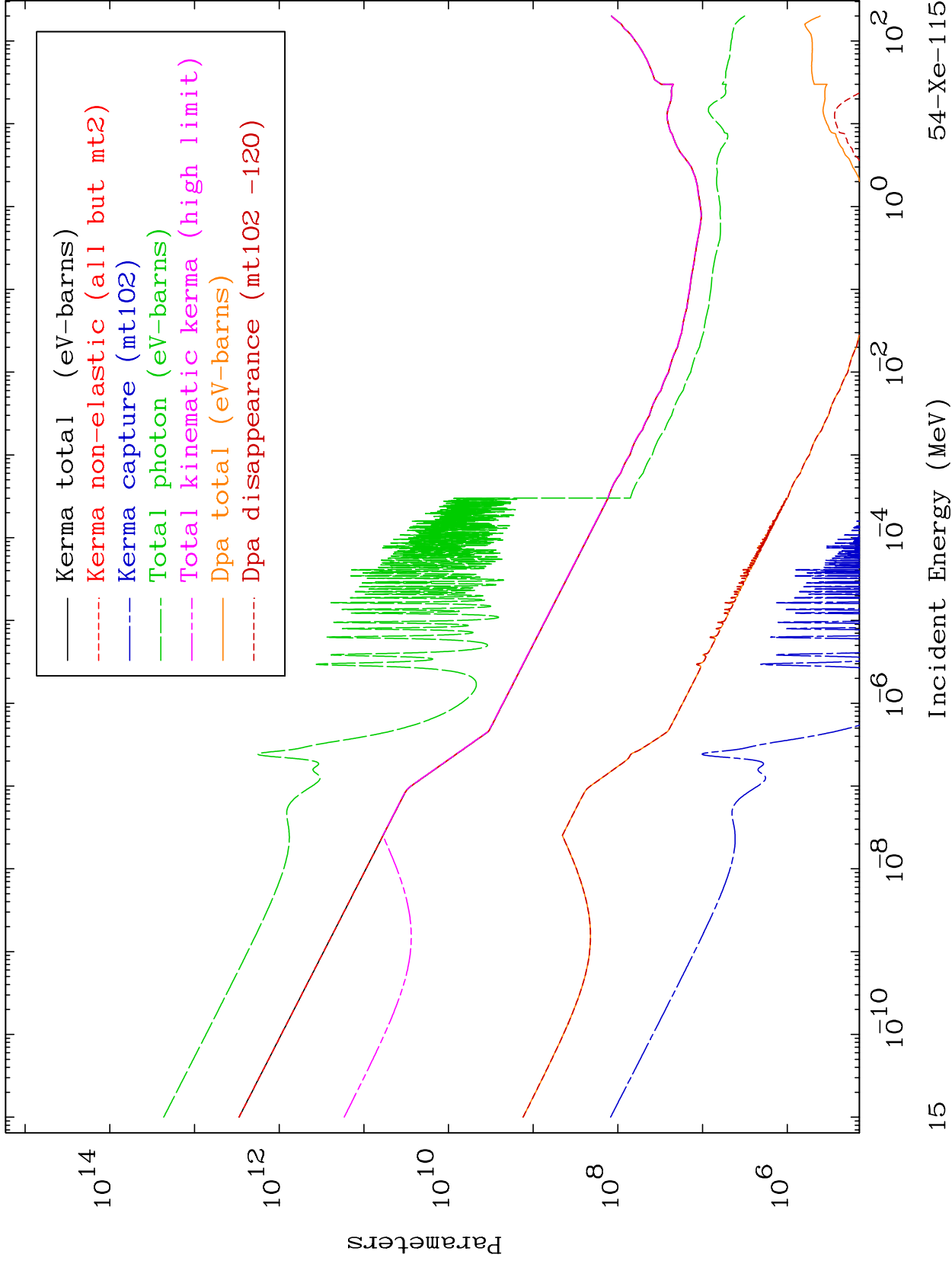
54-Xe-115



14

Incident Energy (MeV)

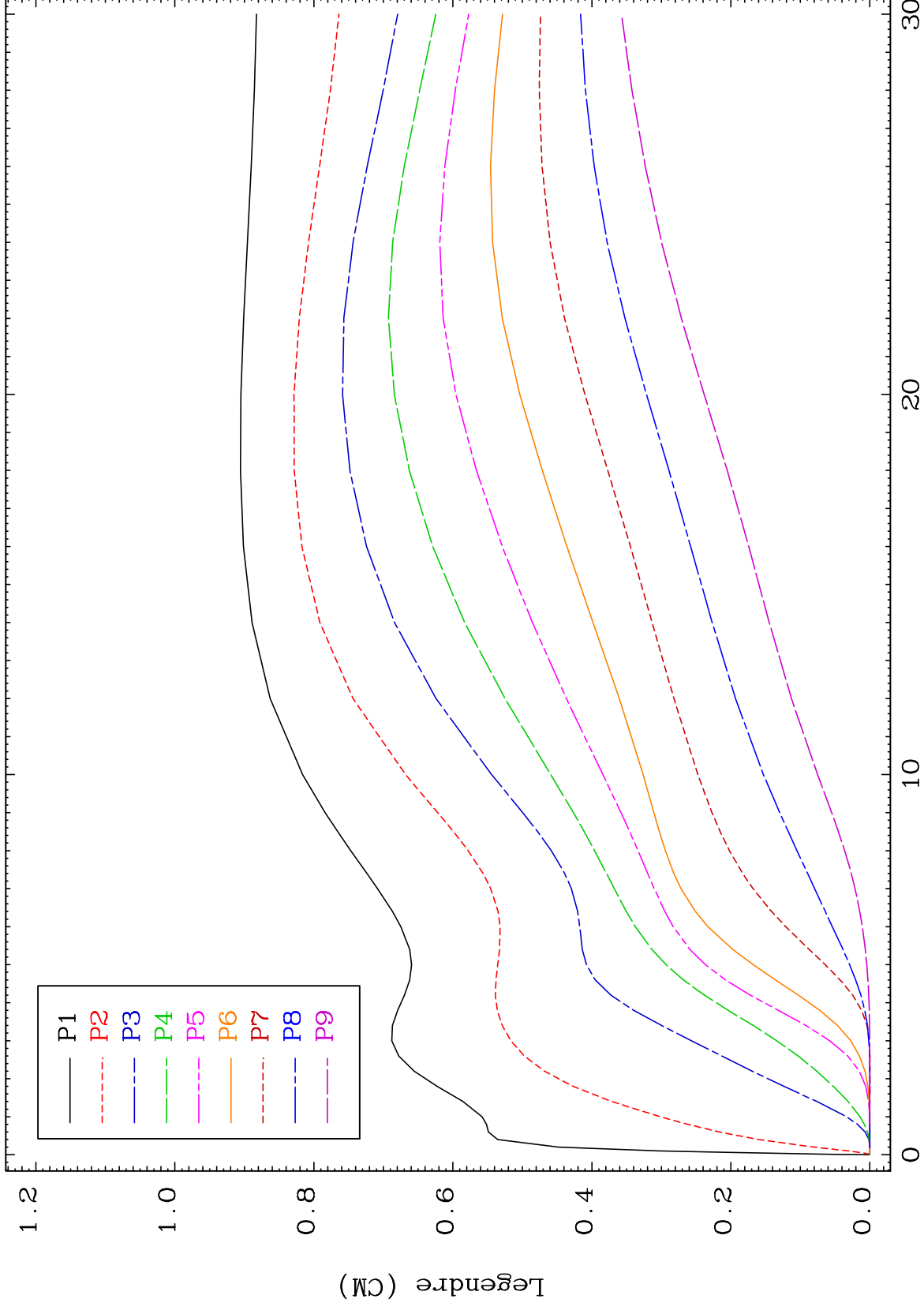
54-Xe-115



MAT 5398

Elastic Legendre Coefficients

54-Xe-115



16

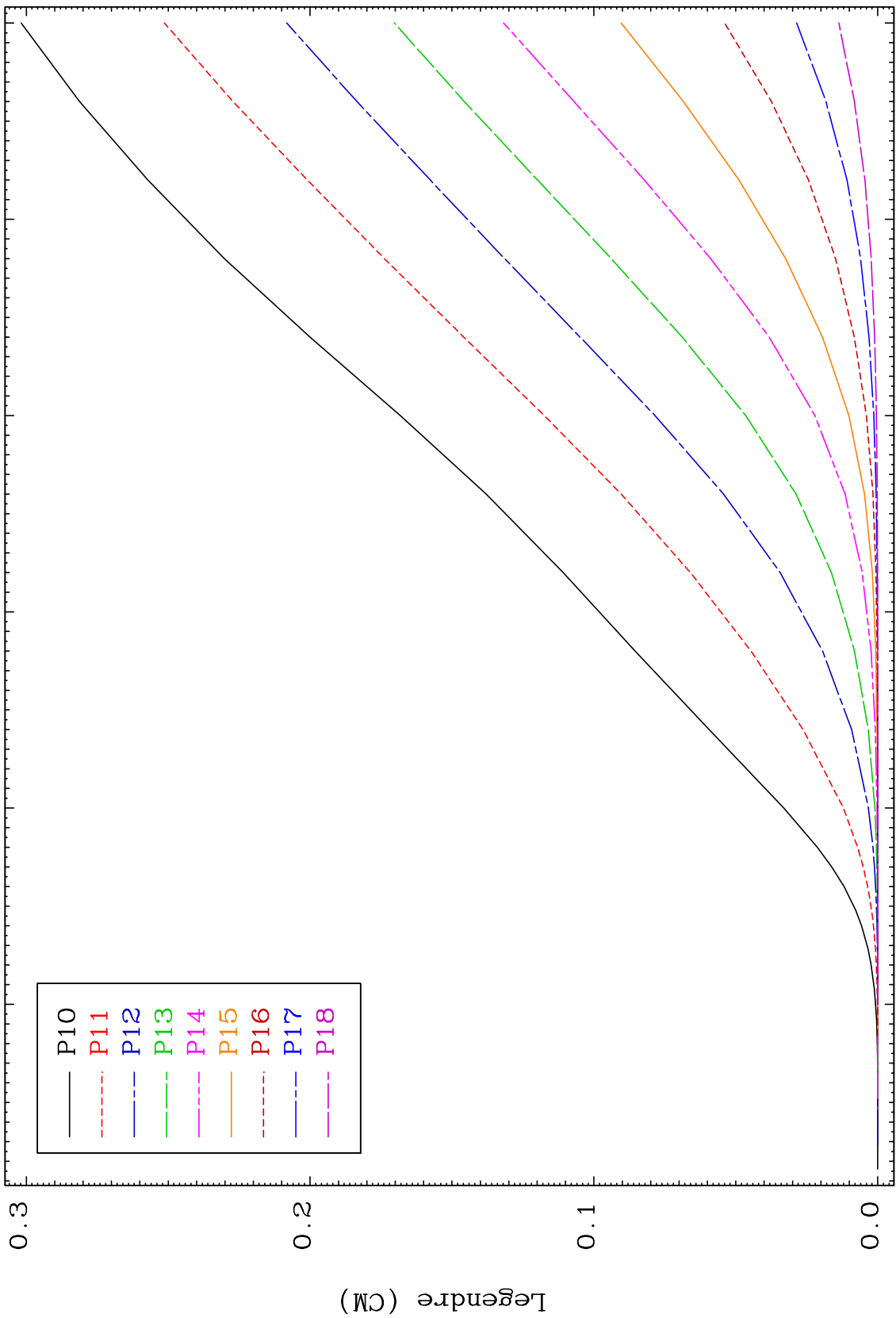
Incident Energy (MeV)

54-Xe-115

MAT 5398

Elastic Legendre Coefficients

54-Xe-115



17

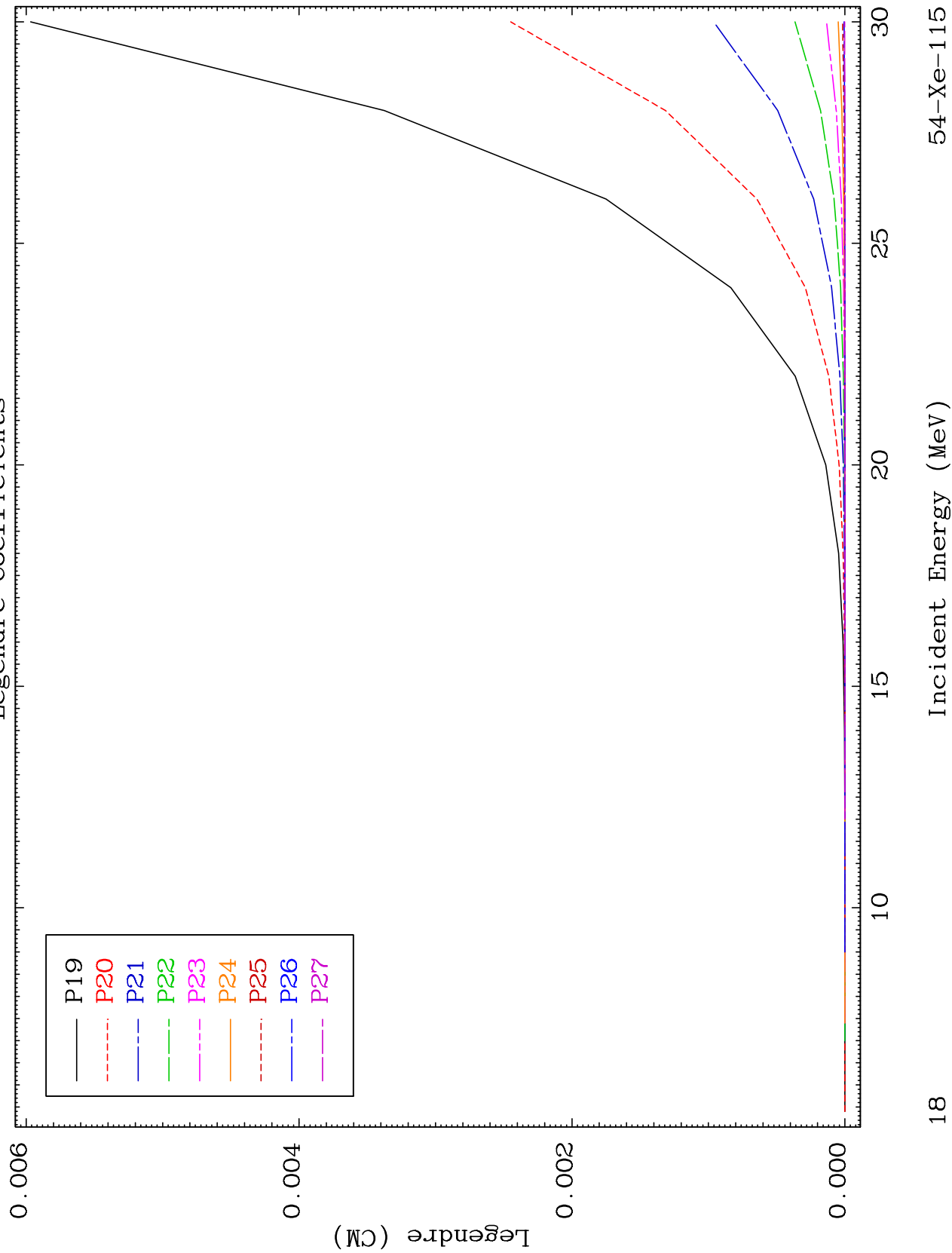
Incident Energy (MeV)

54-Xe-115

MAT 5398

Elastic
Legendre Coefficients

54-Xe-115



18

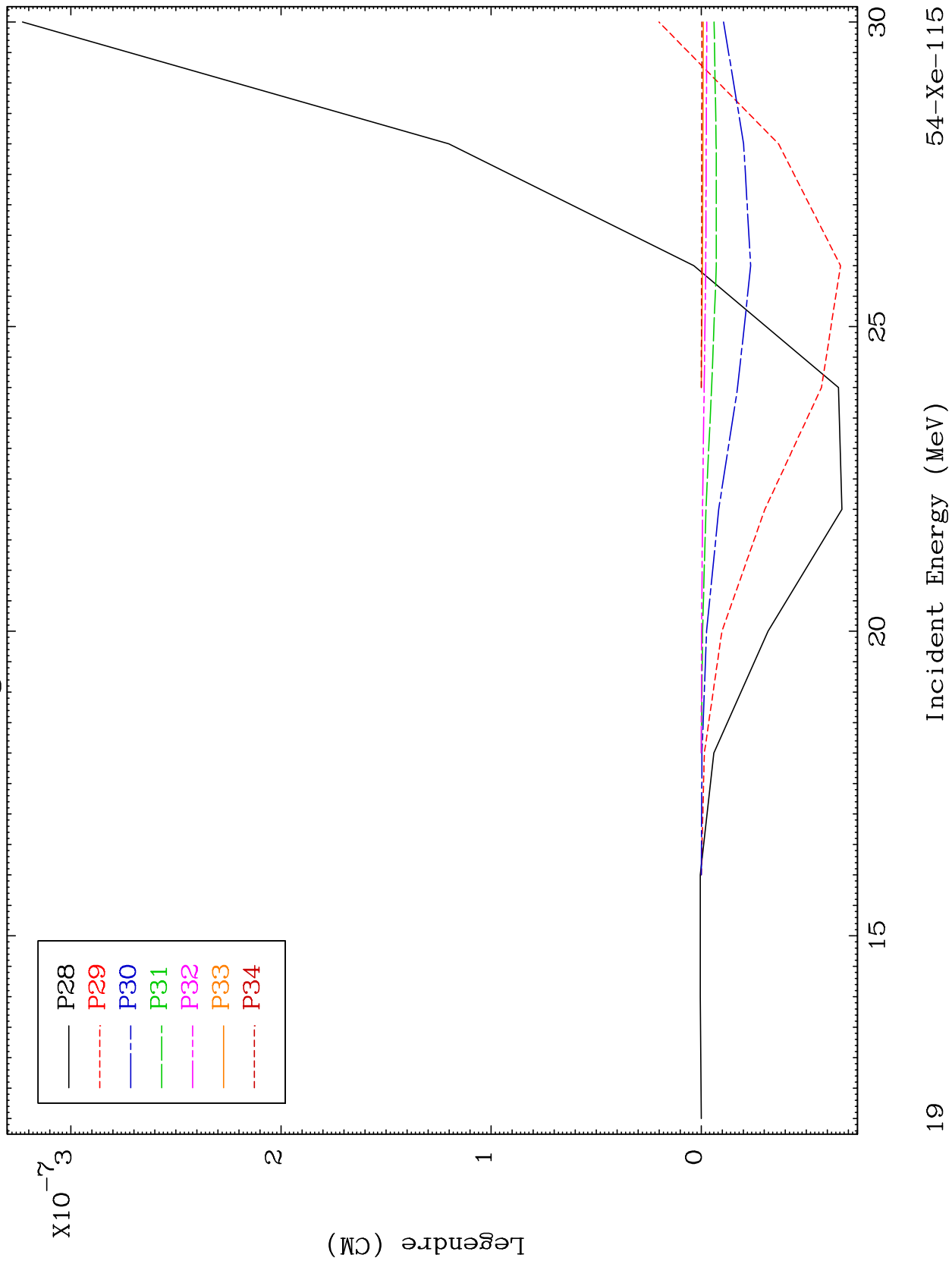
Incident Energy (MeV)

54-Xe-115

MAT 5398

Elastic Legendre Coefficients

54-Xe-115



19

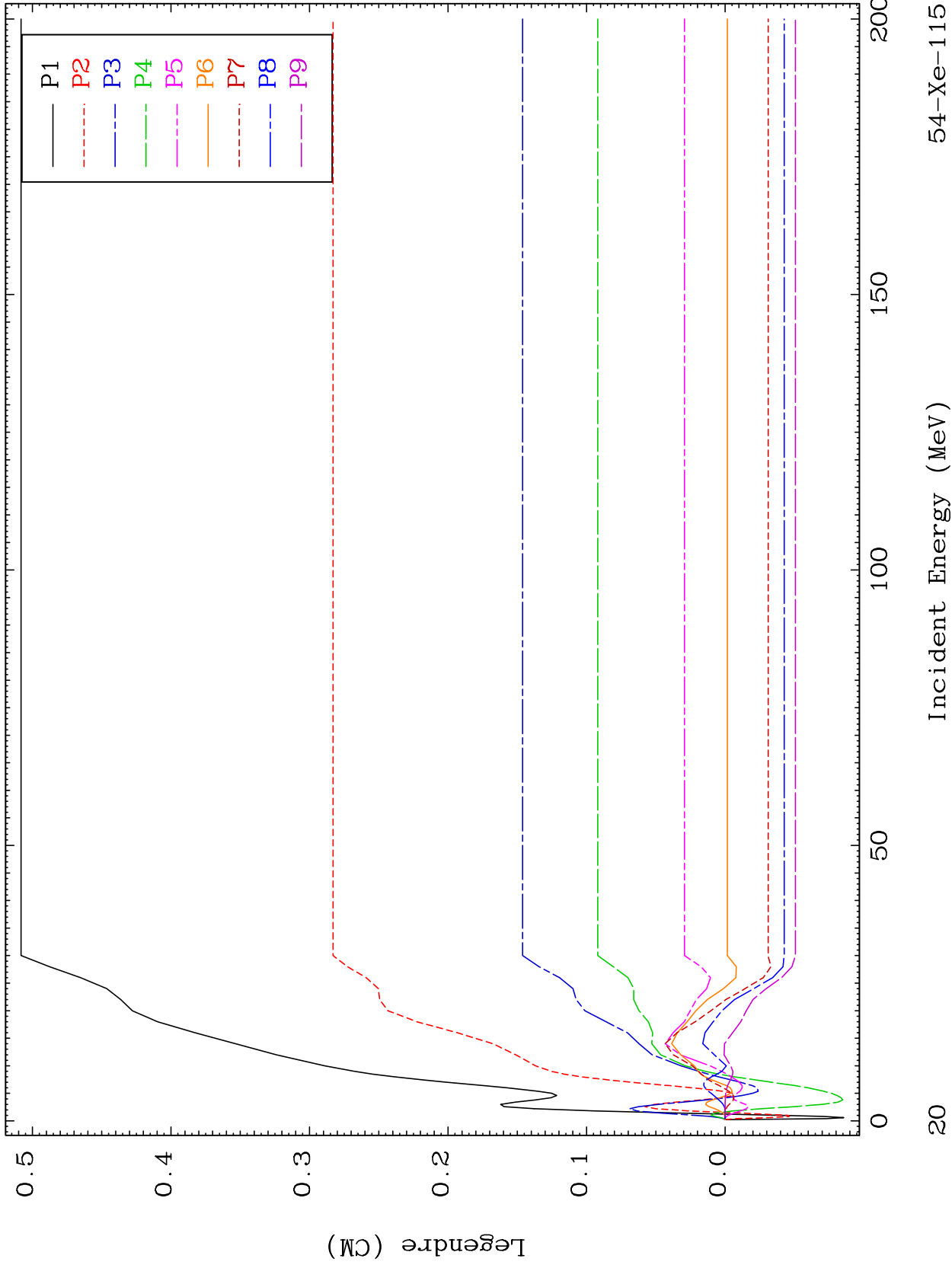
Incident Energy (MeV)

54-Xe-115

MAT 5398

208.0 keV (n,n') Level
Legendre Coefficients

54-Xe-115

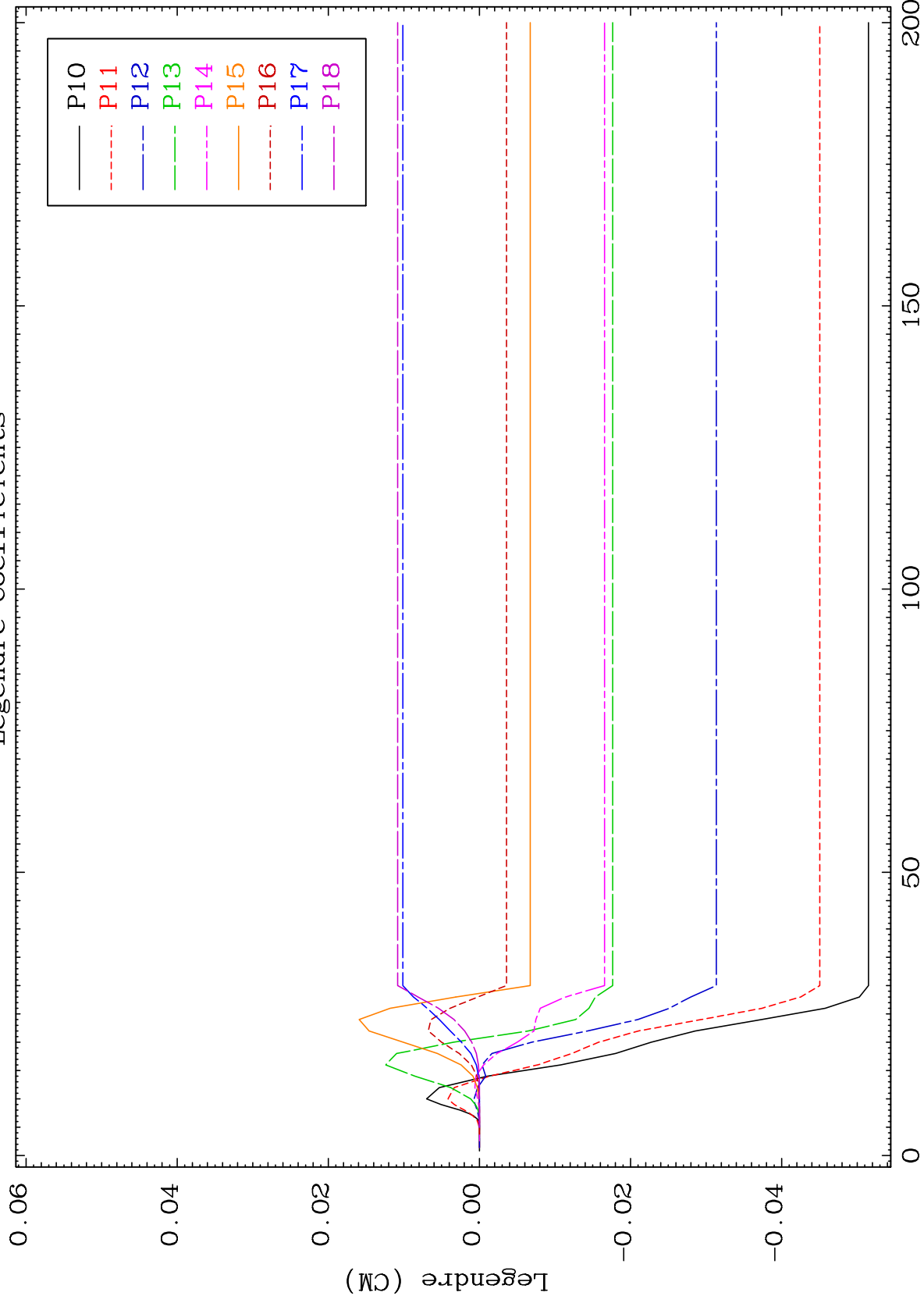


54-Xe-115

MAT 5398

208.0 keV (n,n') Level
Legendre Coefficients

54-Xe-115



21

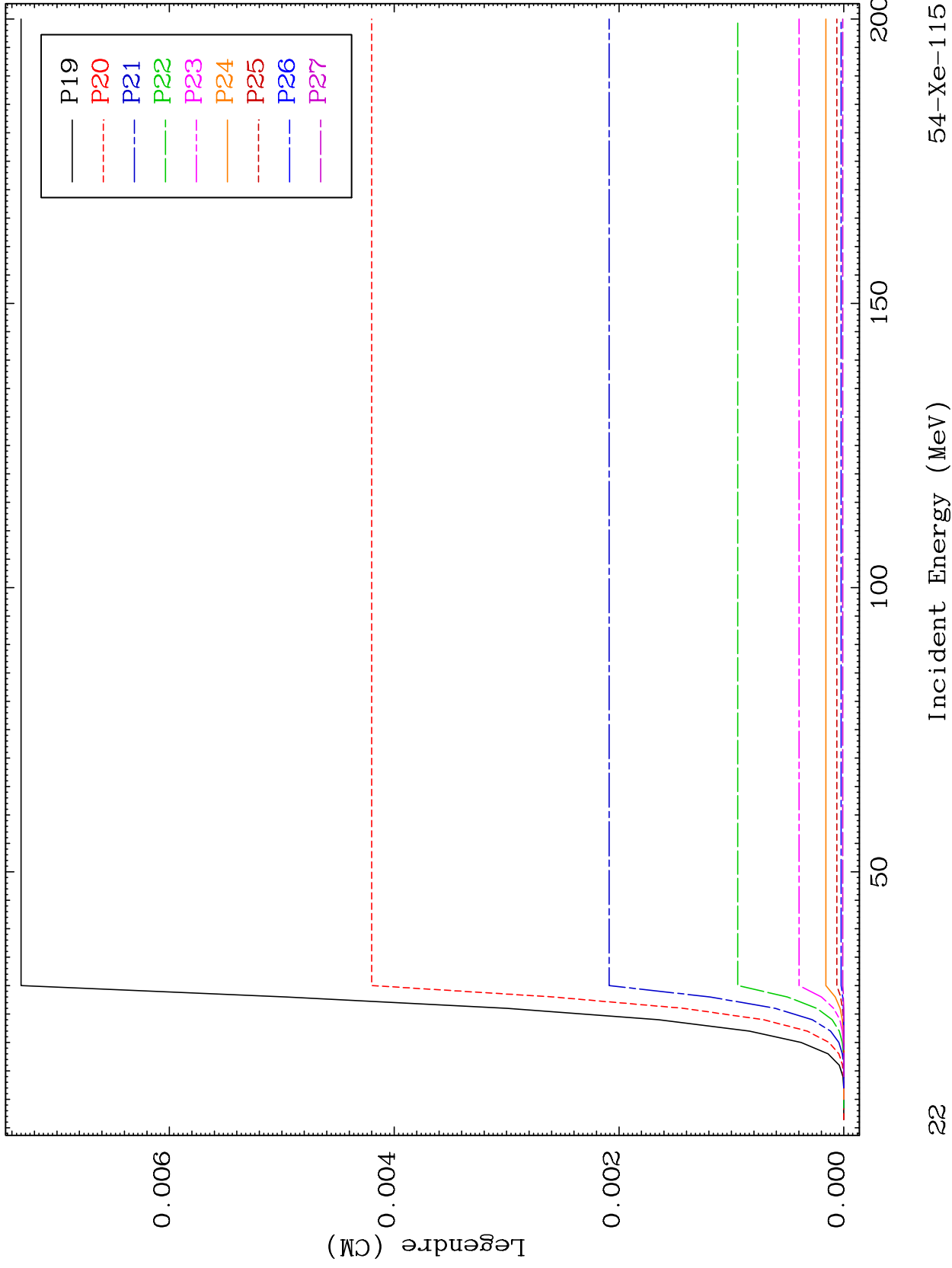
Incident Energy (MeV)

54-Xe-115

MAT 5398

208.0 keV (n,n') Level
Legendre Coefficients

54-Xe-115



22

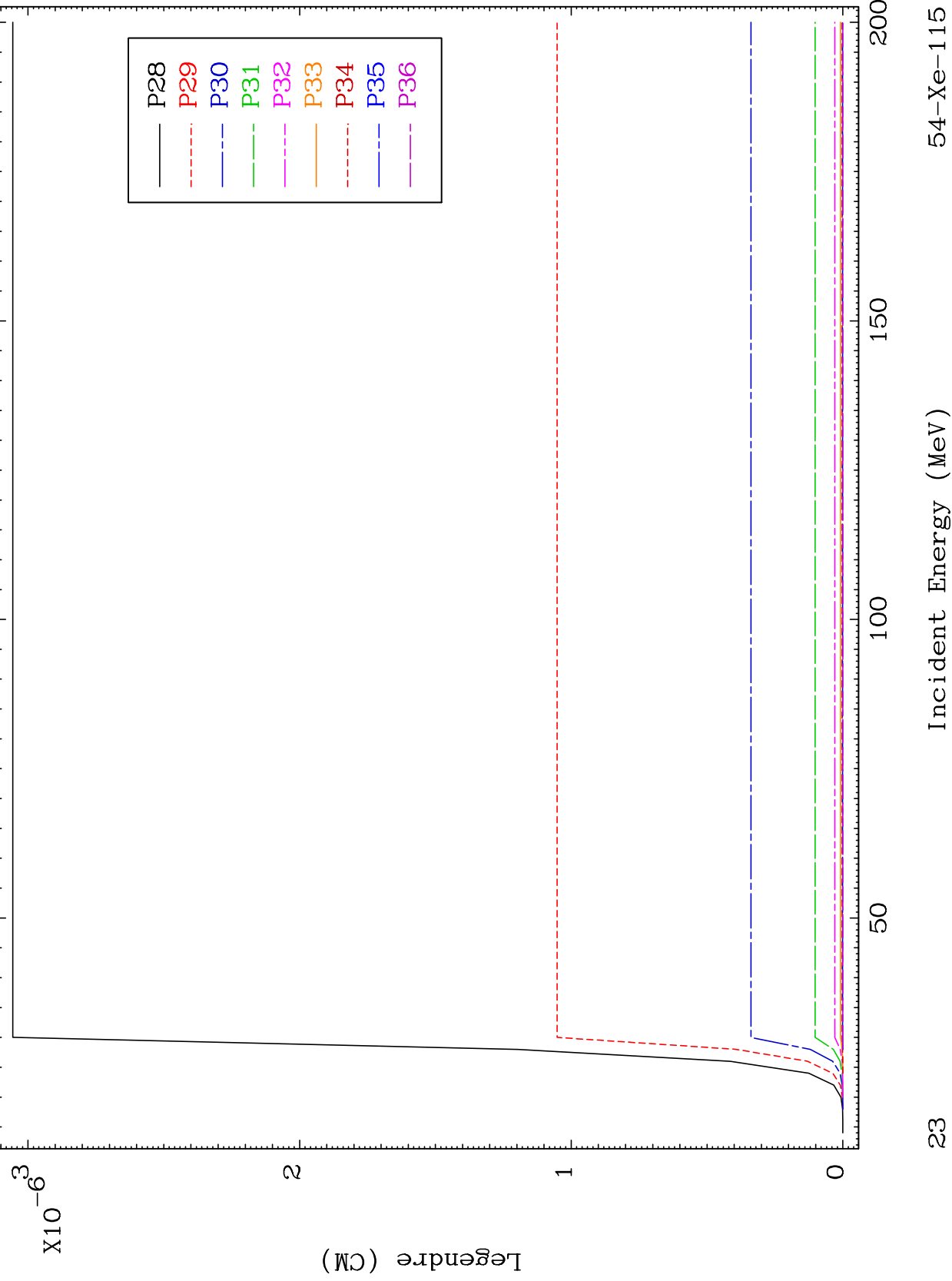
Incident Energy (MeV)

54-Xe-115

MAT 5398

208.0 keV (n,n') Level
Legendre Coefficients

54-Xe-115



23

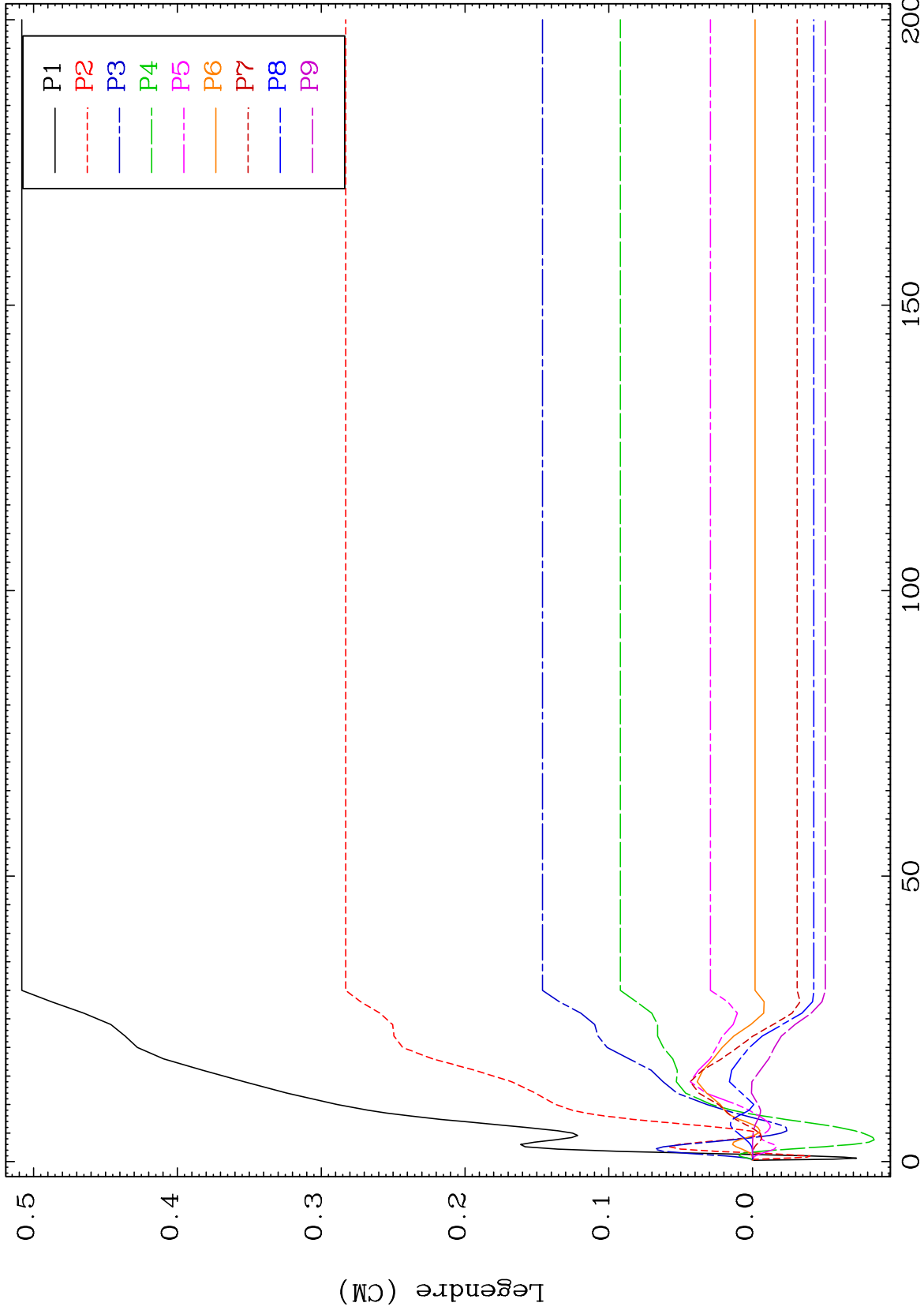
Incident Energy (MeV)

54-Xe-115

MAT 5398

220.0 keV (n,n') Level
Legendre Coefficients

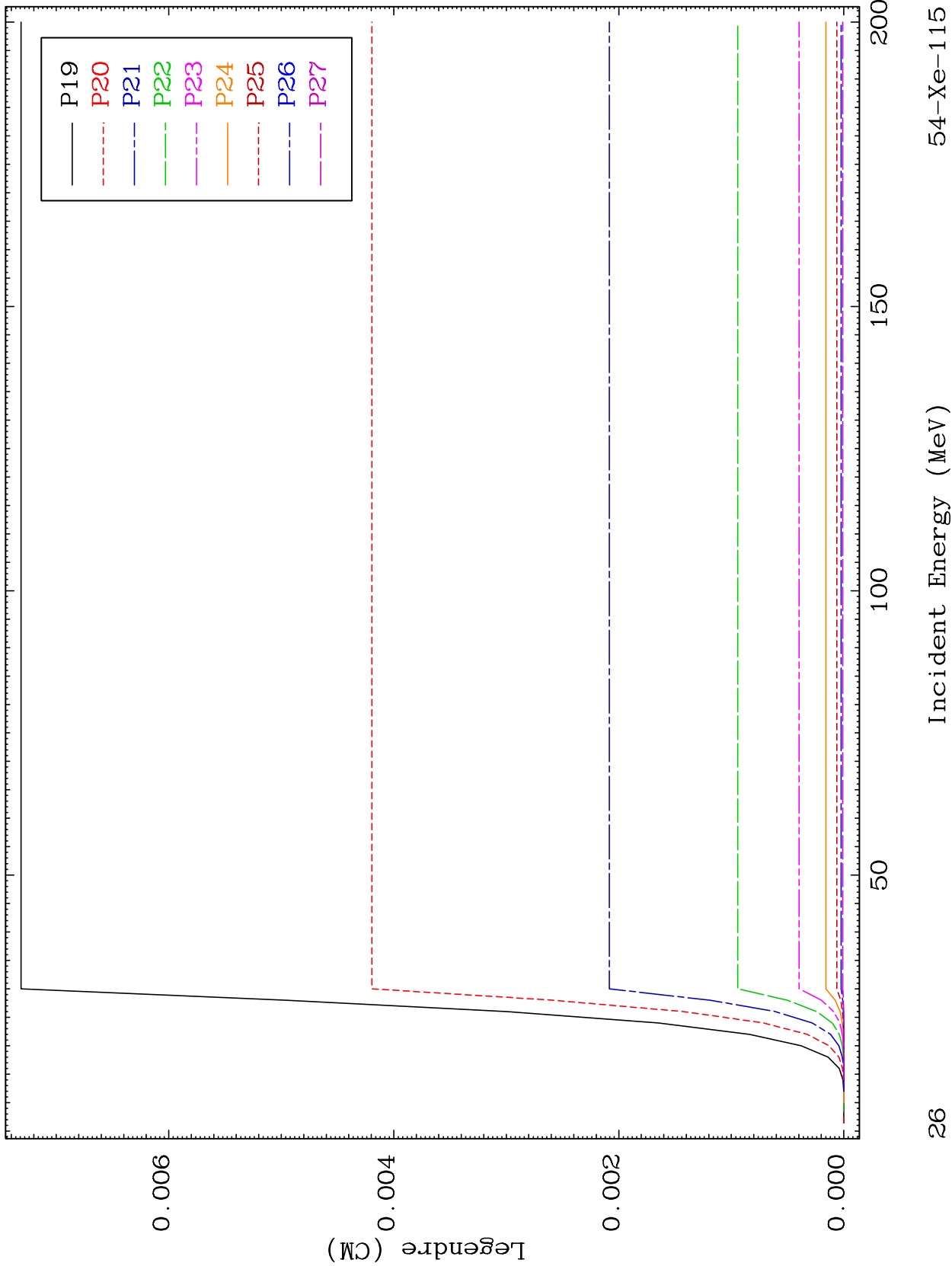
54-Xe-115



24

Incident Energy (MeV)

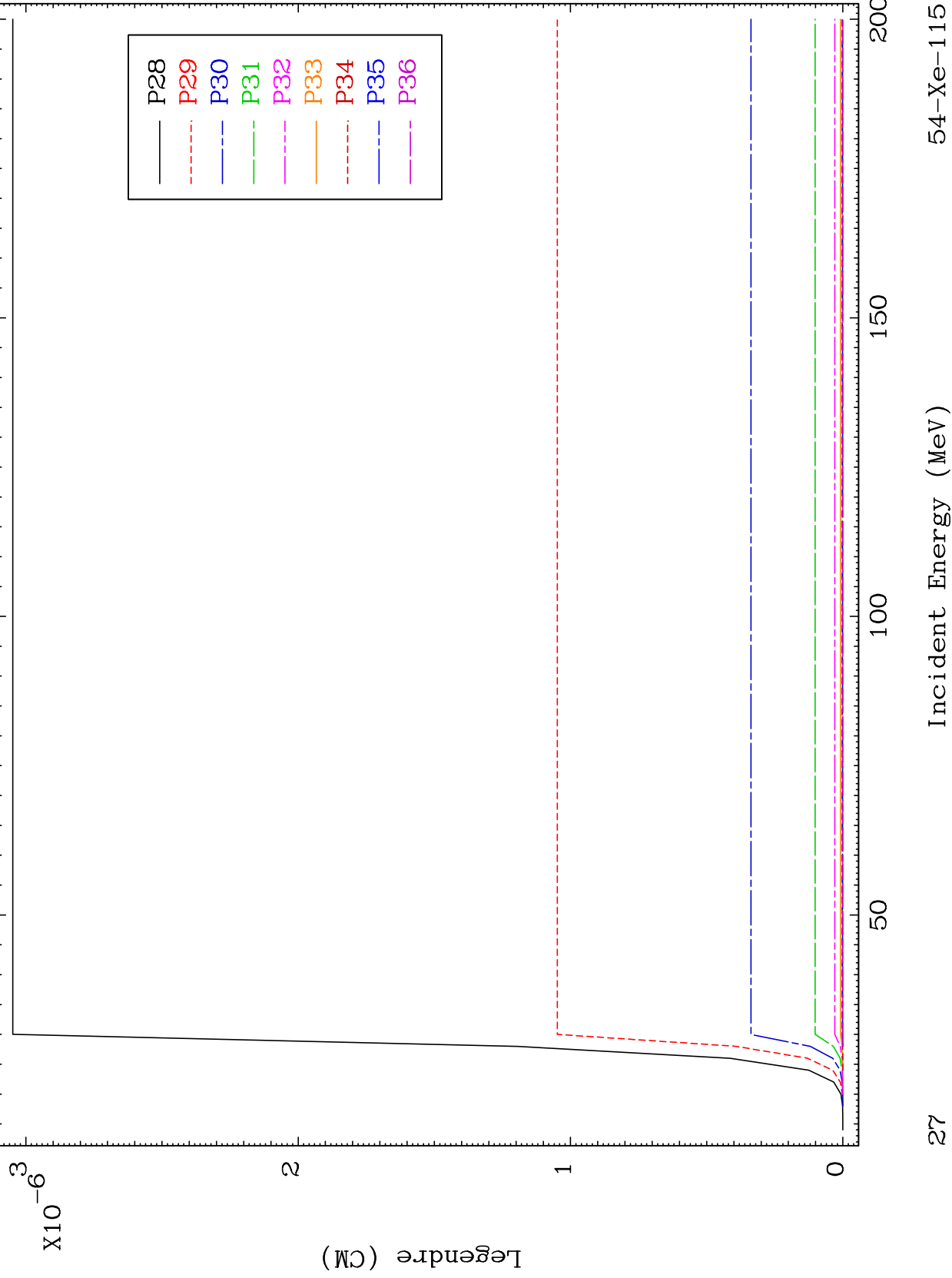
54-Xe-115



MAT 5398

220.0 keV (n,n') Level
Legendre Coefficients

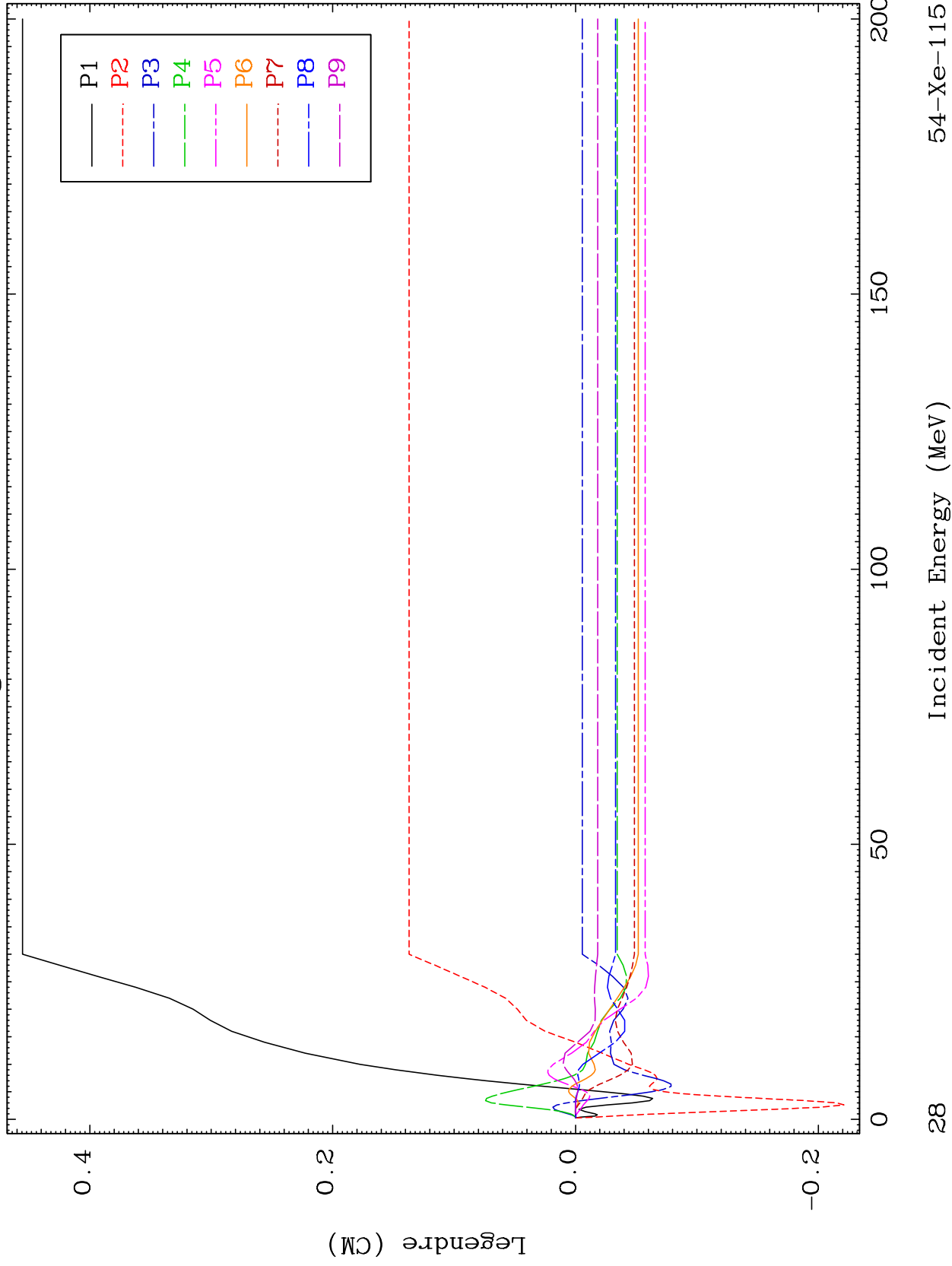
54-Xe-115



MAT 5398

240.7 keV (n,n') Level
Legendre Coefficients

54-Xe-115



54-Xe-115

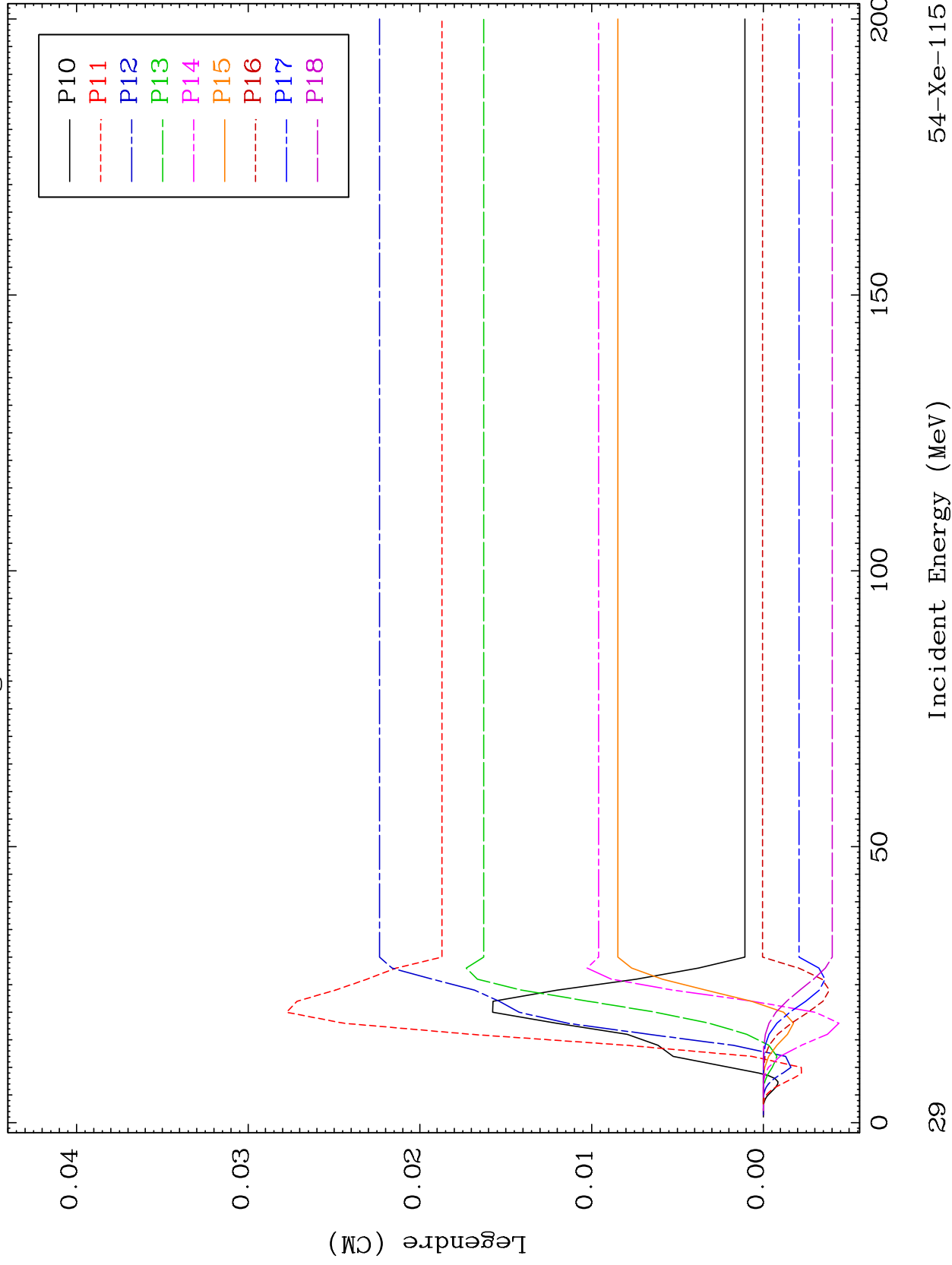
Incident Energy (MeV)

28

MAT 5398

240.7 keV (n,n') Level
Legendre Coefficients

54-Xe-115



29

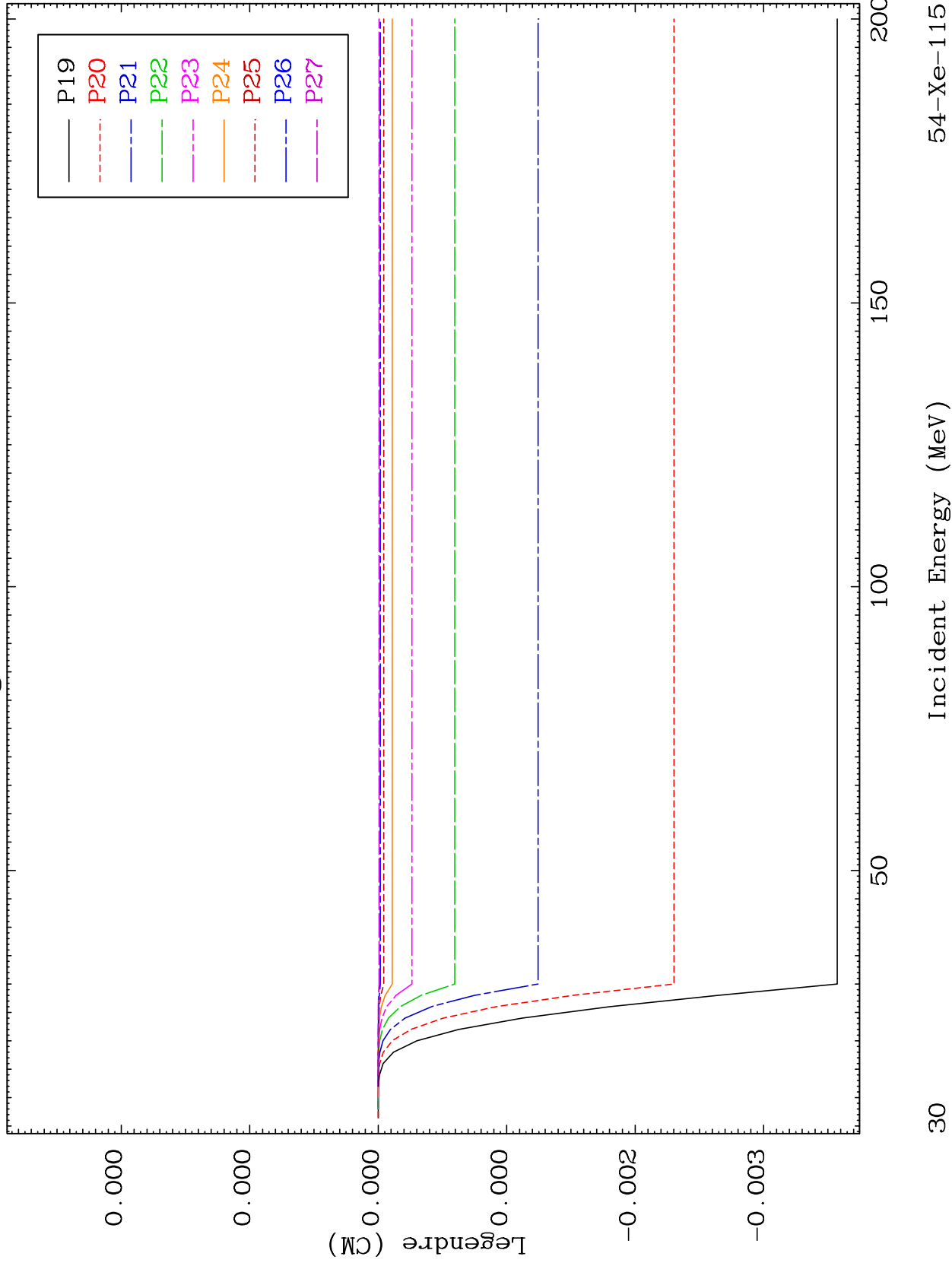
Incident Energy (MeV)

54-Xe-115

MAT 5398

240.7 keV (n,n') Level
Legendre Coefficients

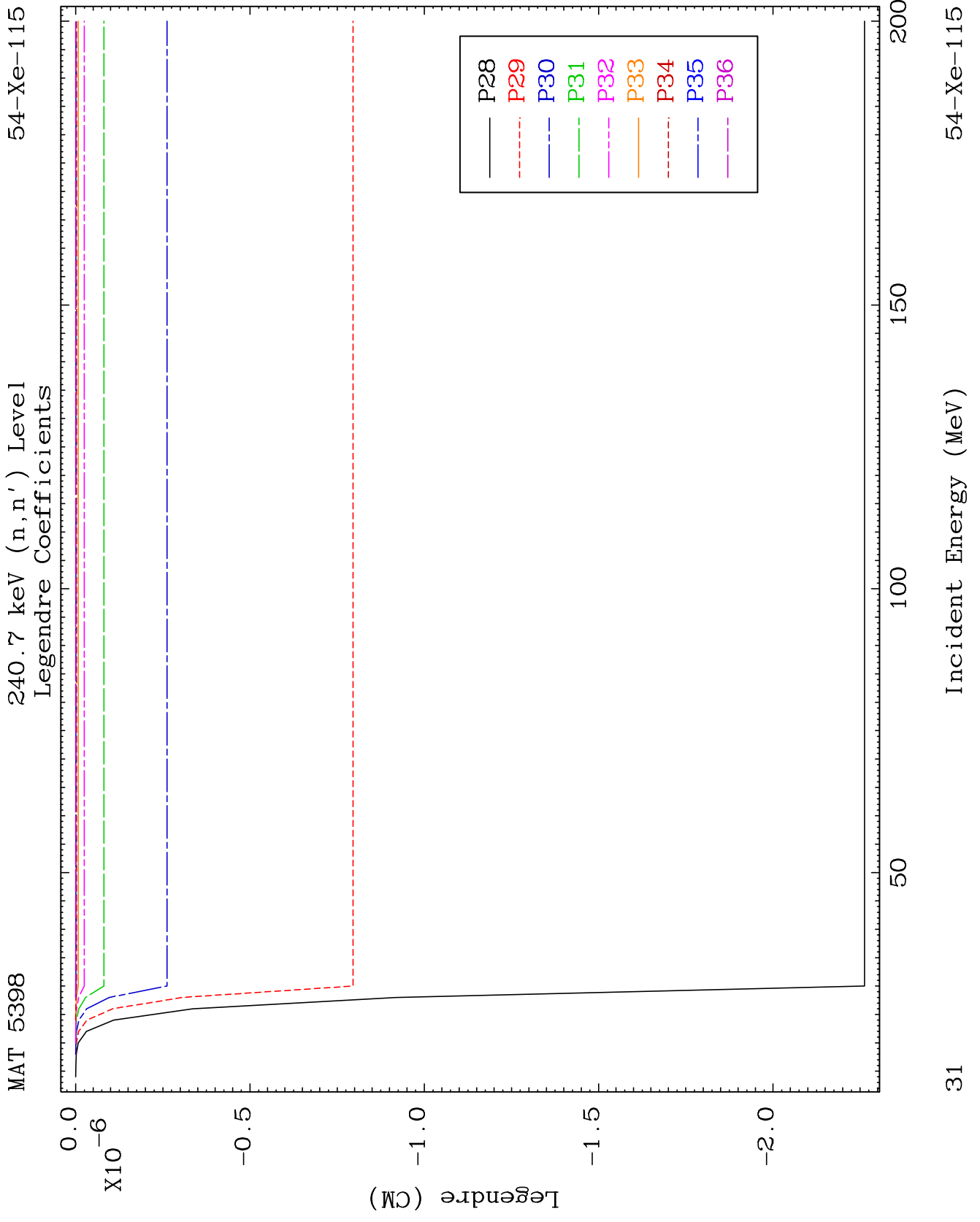
54-Xe-115



30

Incident Energy (MeV)

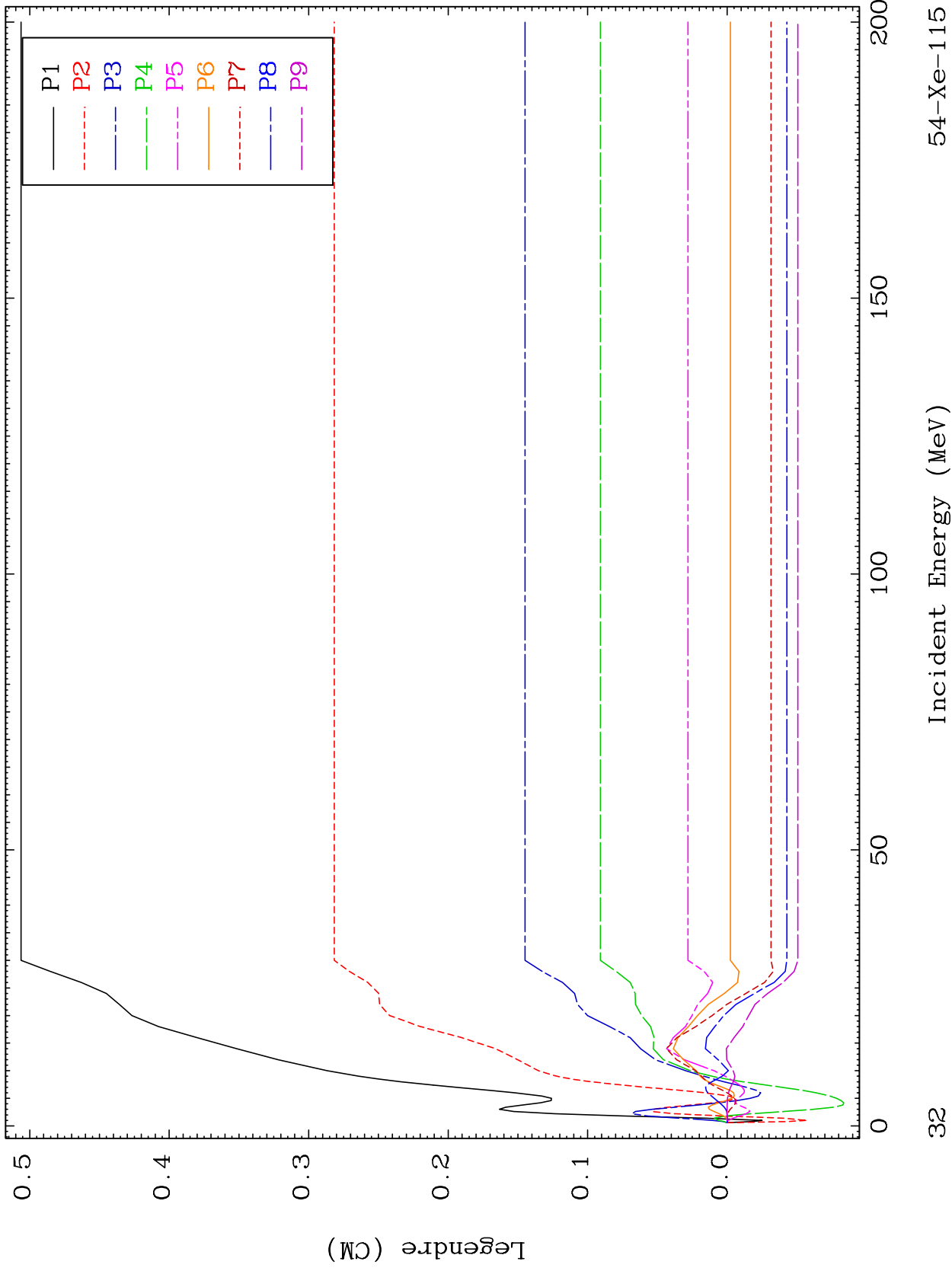
54-Xe-115



MAT 5398

569.0 keV (n,n') Level
Legendre Coefficients

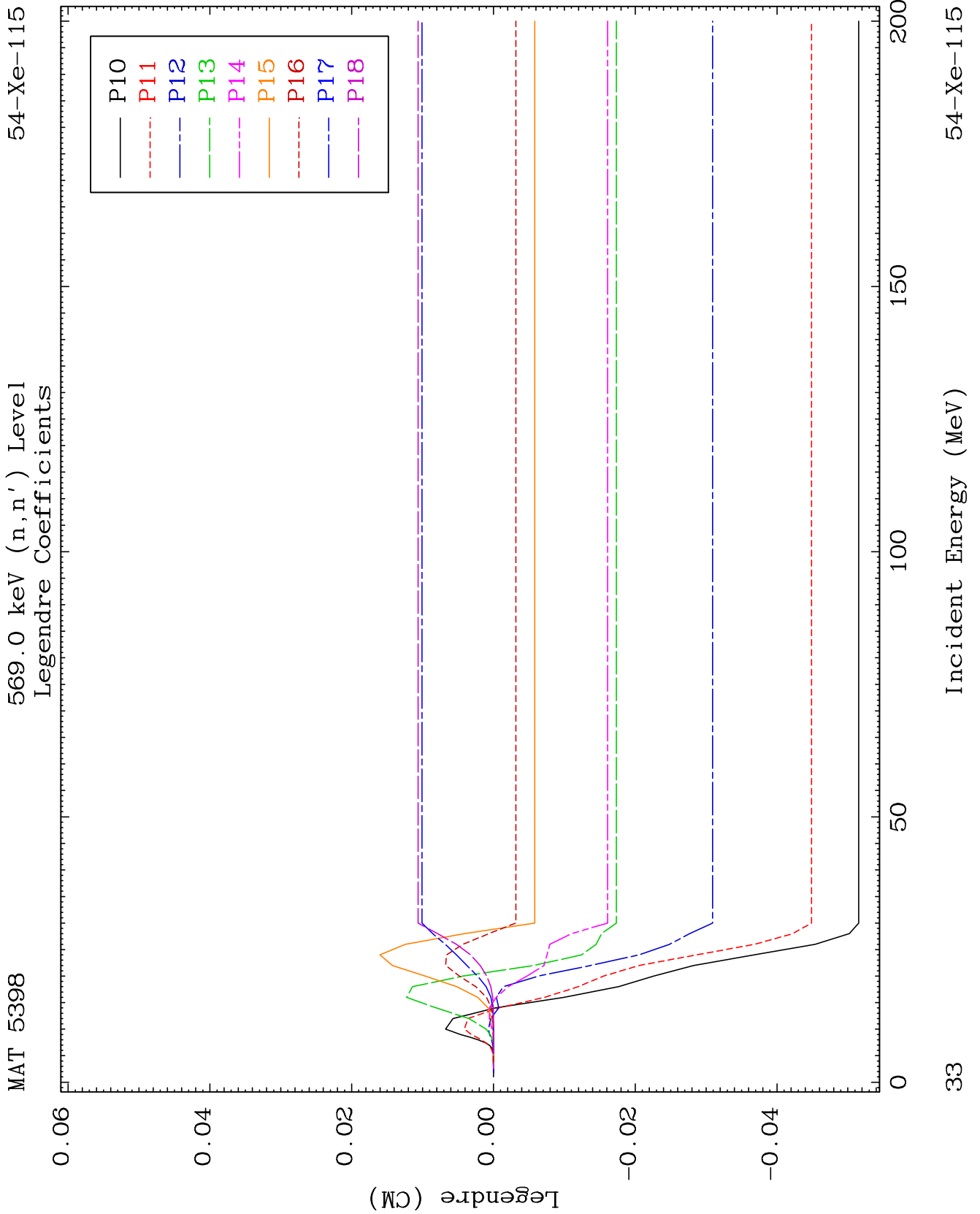
54-Xe-115



32

Incident Energy (MeV)

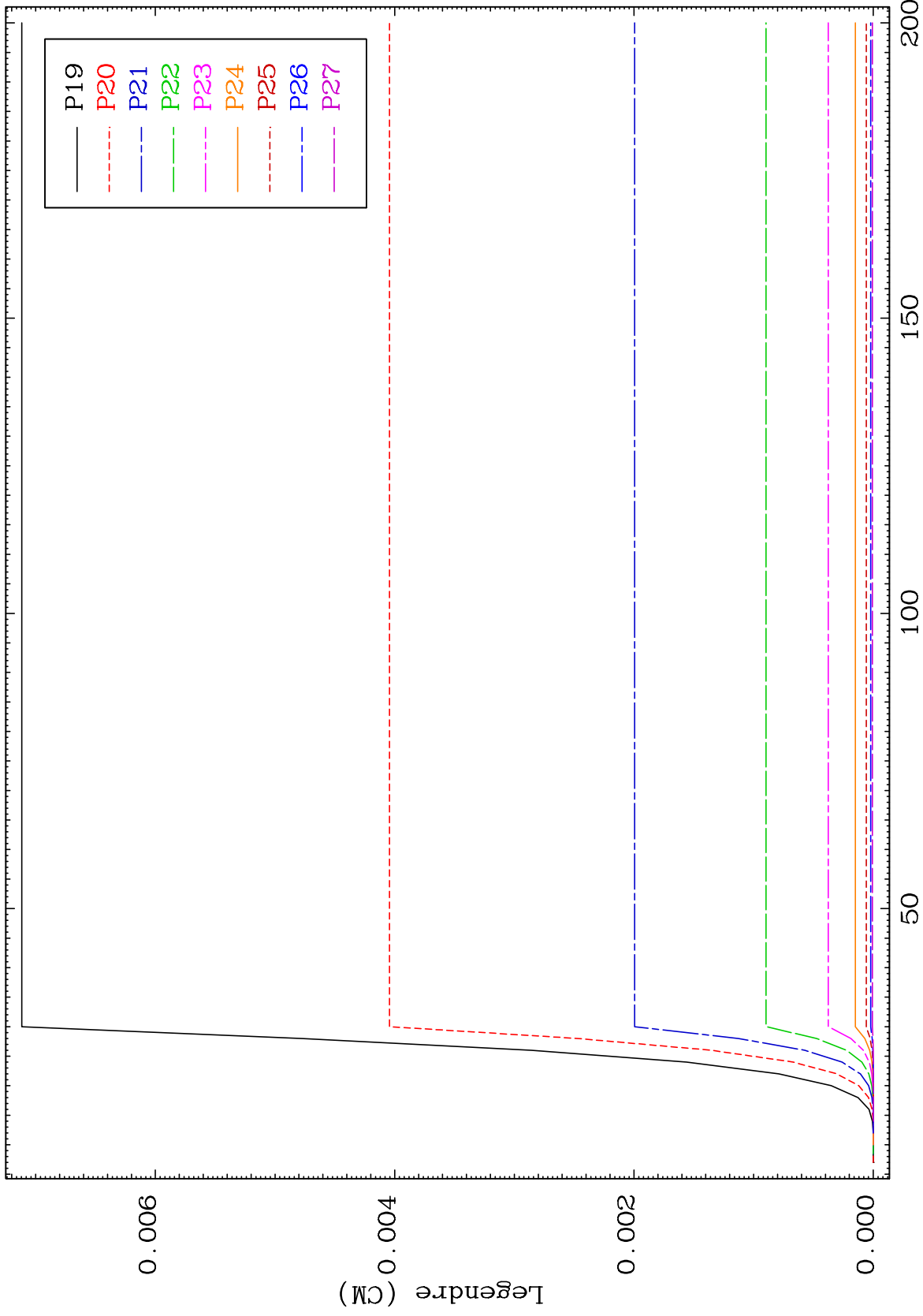
54-Xe-115



MAT 5398

569.0 keV (n,n') Level
Legendre Coefficients

54-Xe-115



34

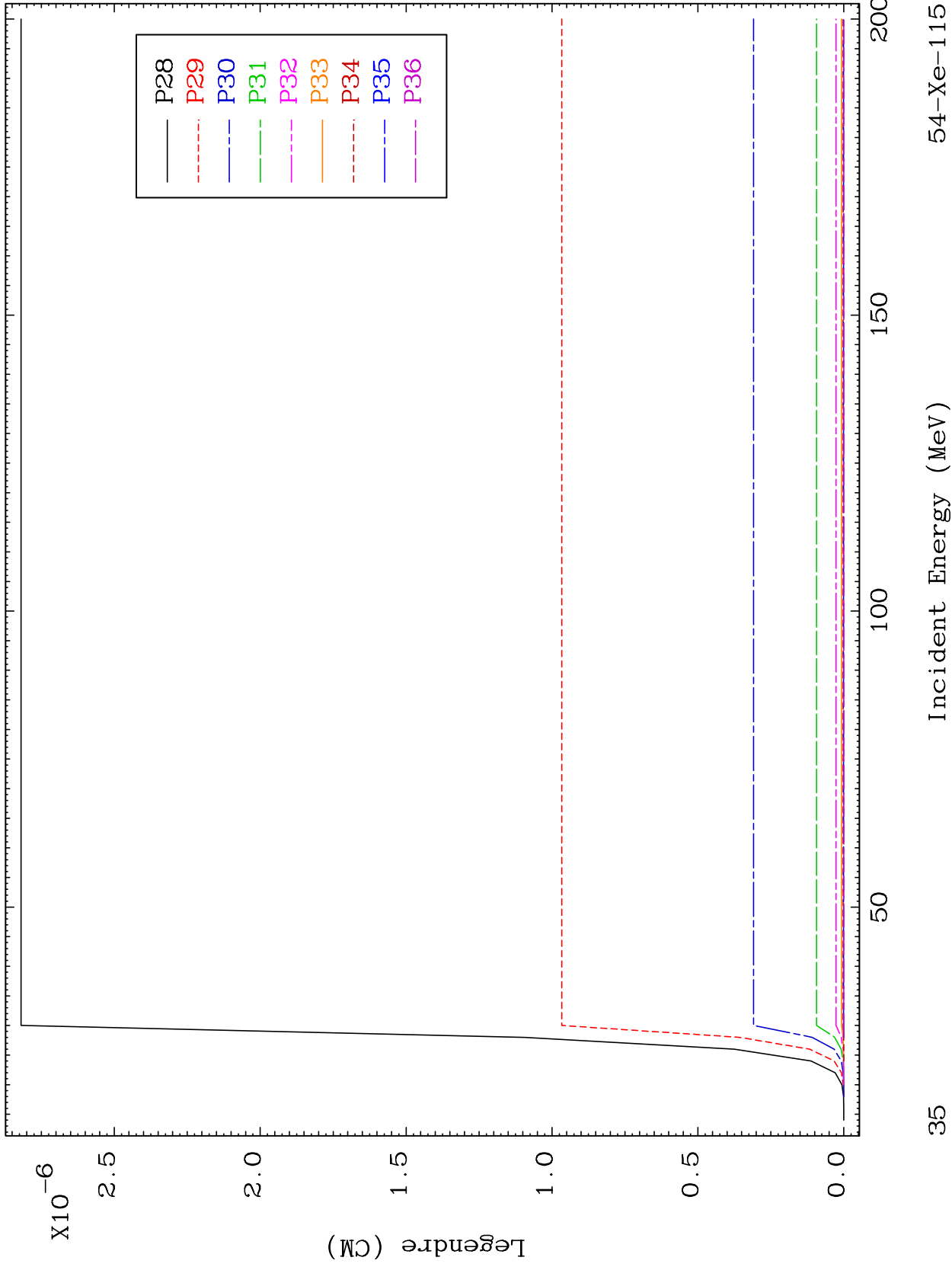
Incident Energy (MeV)

54-Xe-115

MAT 5398

569.0 keV (n,n') Level
Legendre Coefficients

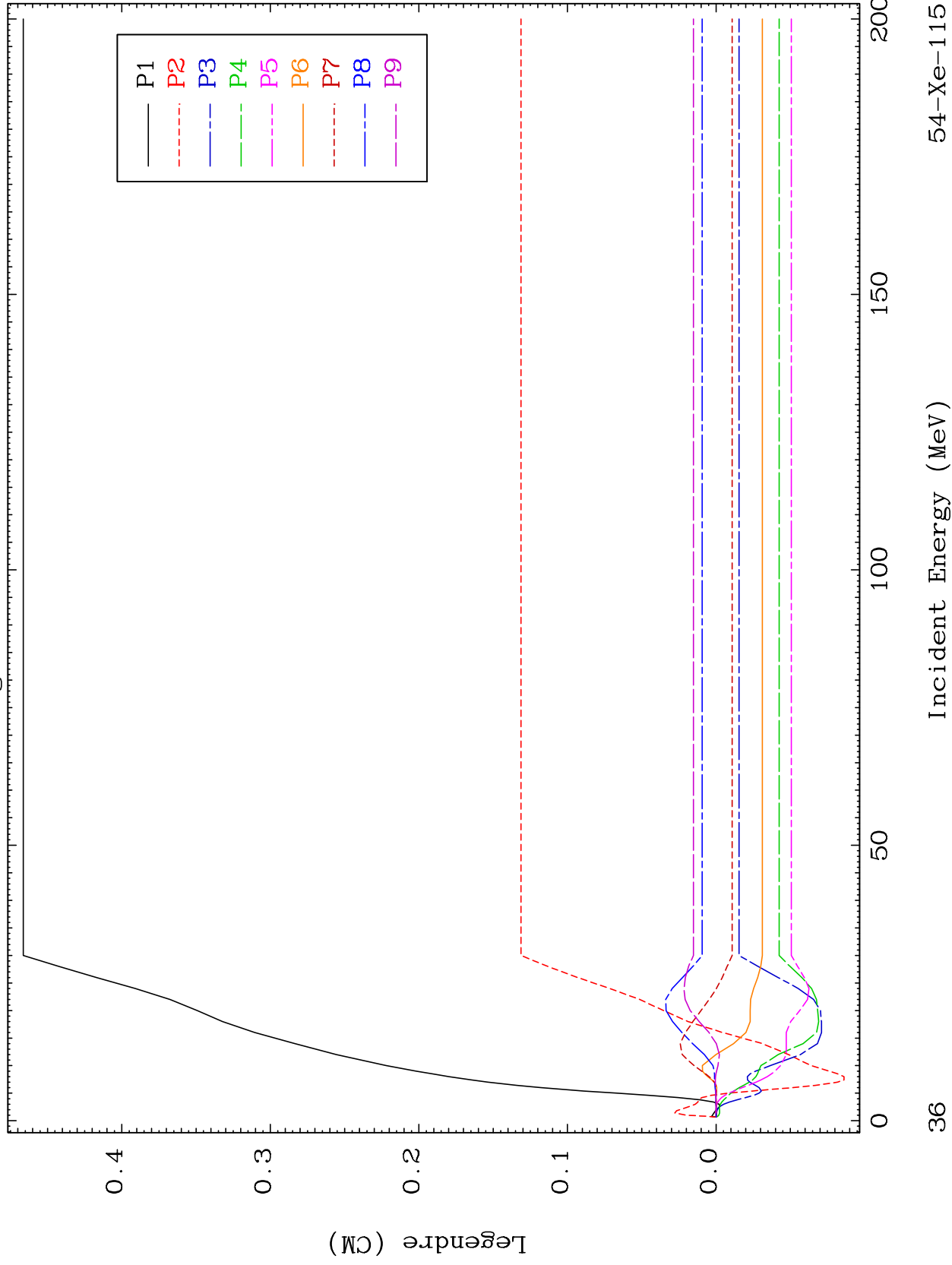
54-Xe-115



MAT 5398

655.2 keV (n, n') Level
Legendre Coefficients

54-Xe-115

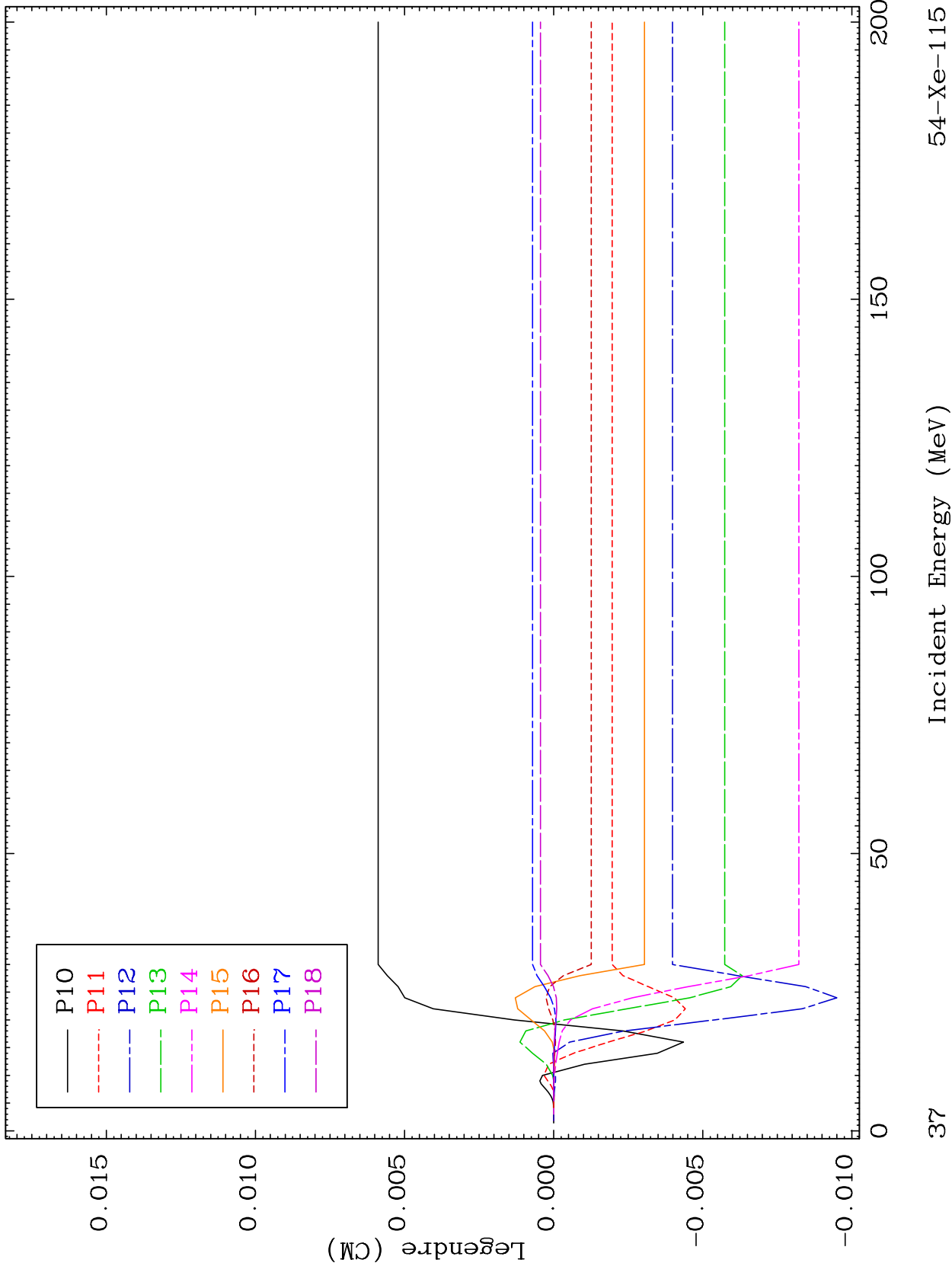


36

MAT 5398

655.2 keV (n,n') Level
Legendre Coefficients

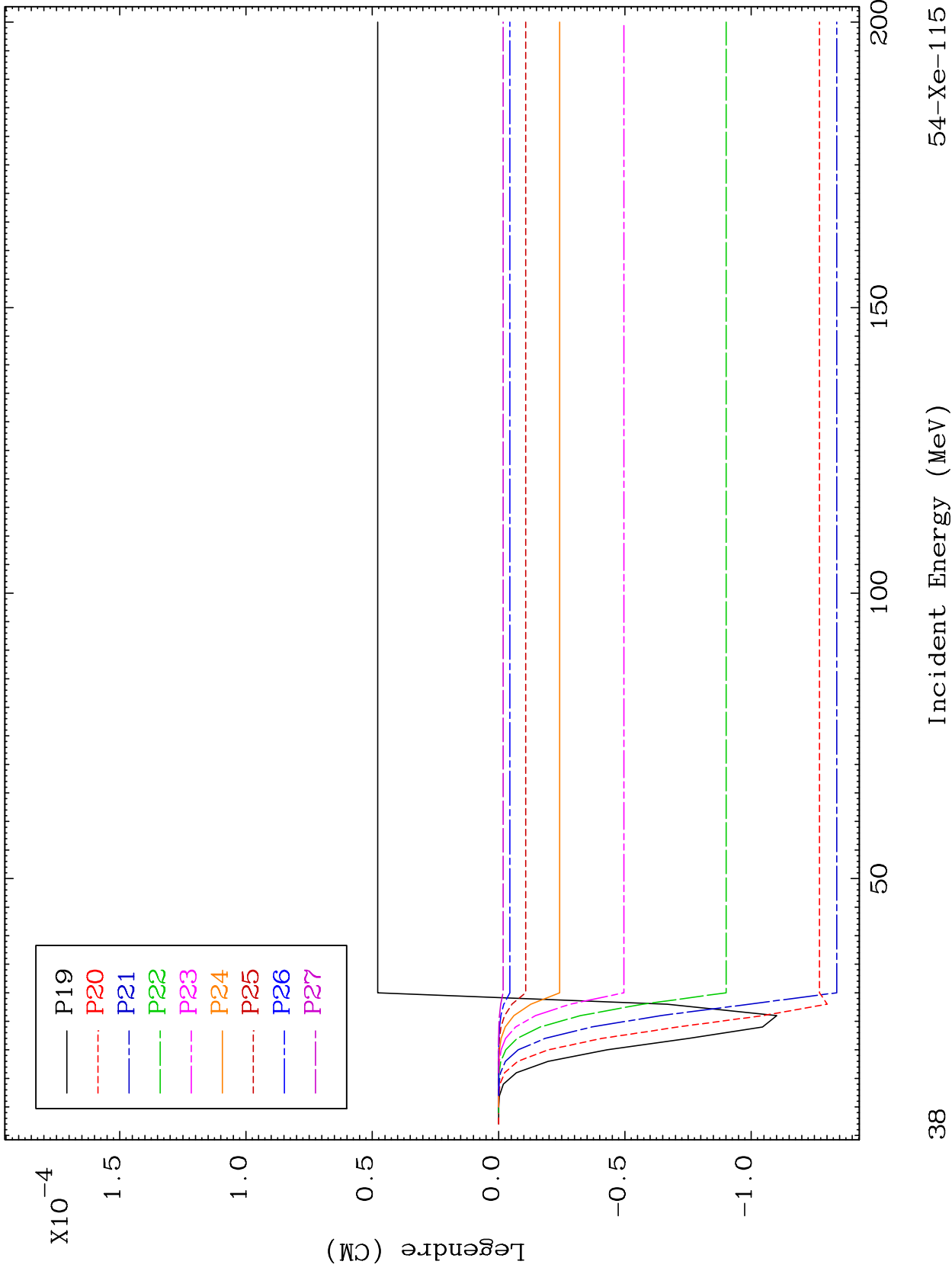
54-Xe-115

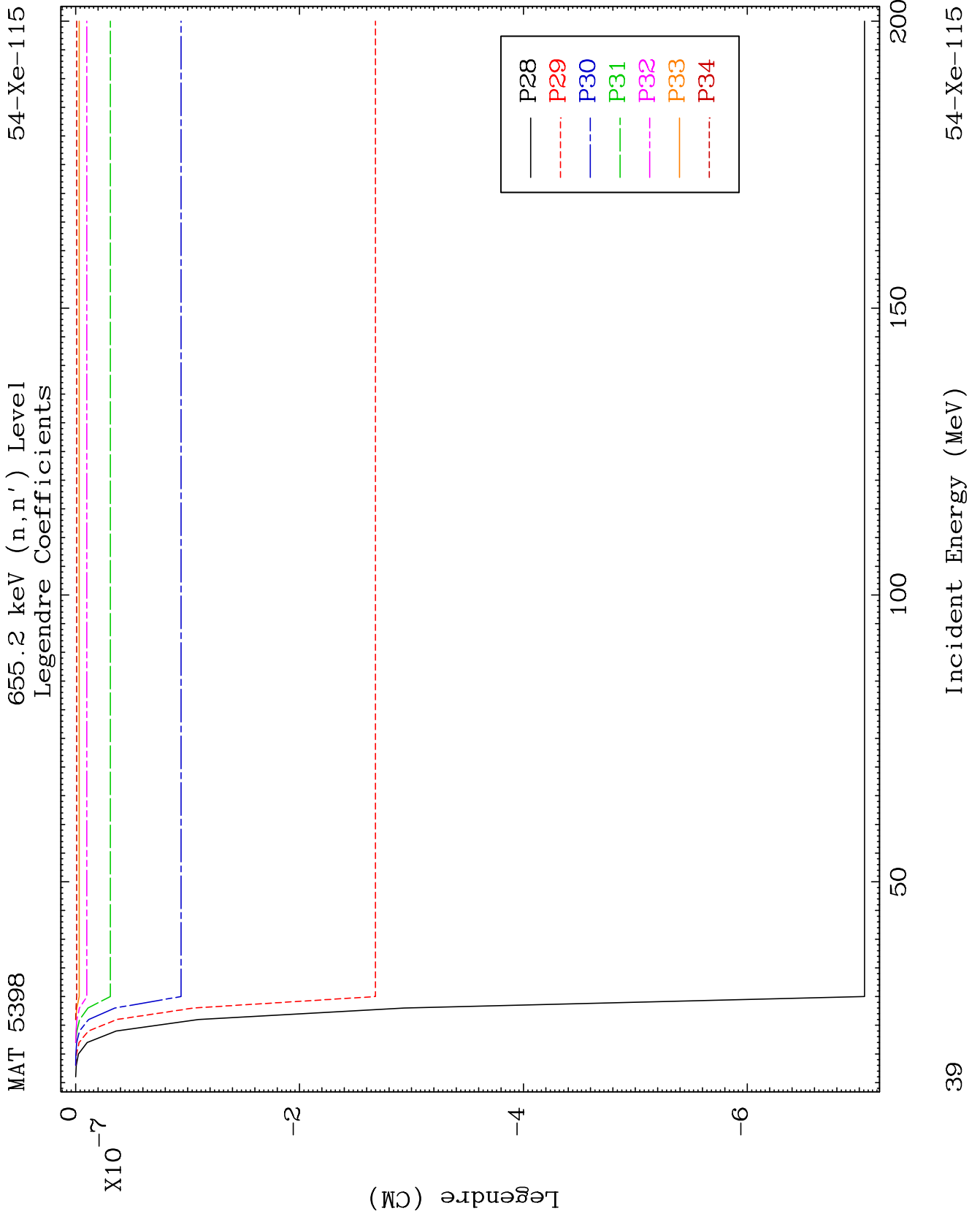


37

Incident Energy (MeV)

54-Xe-115

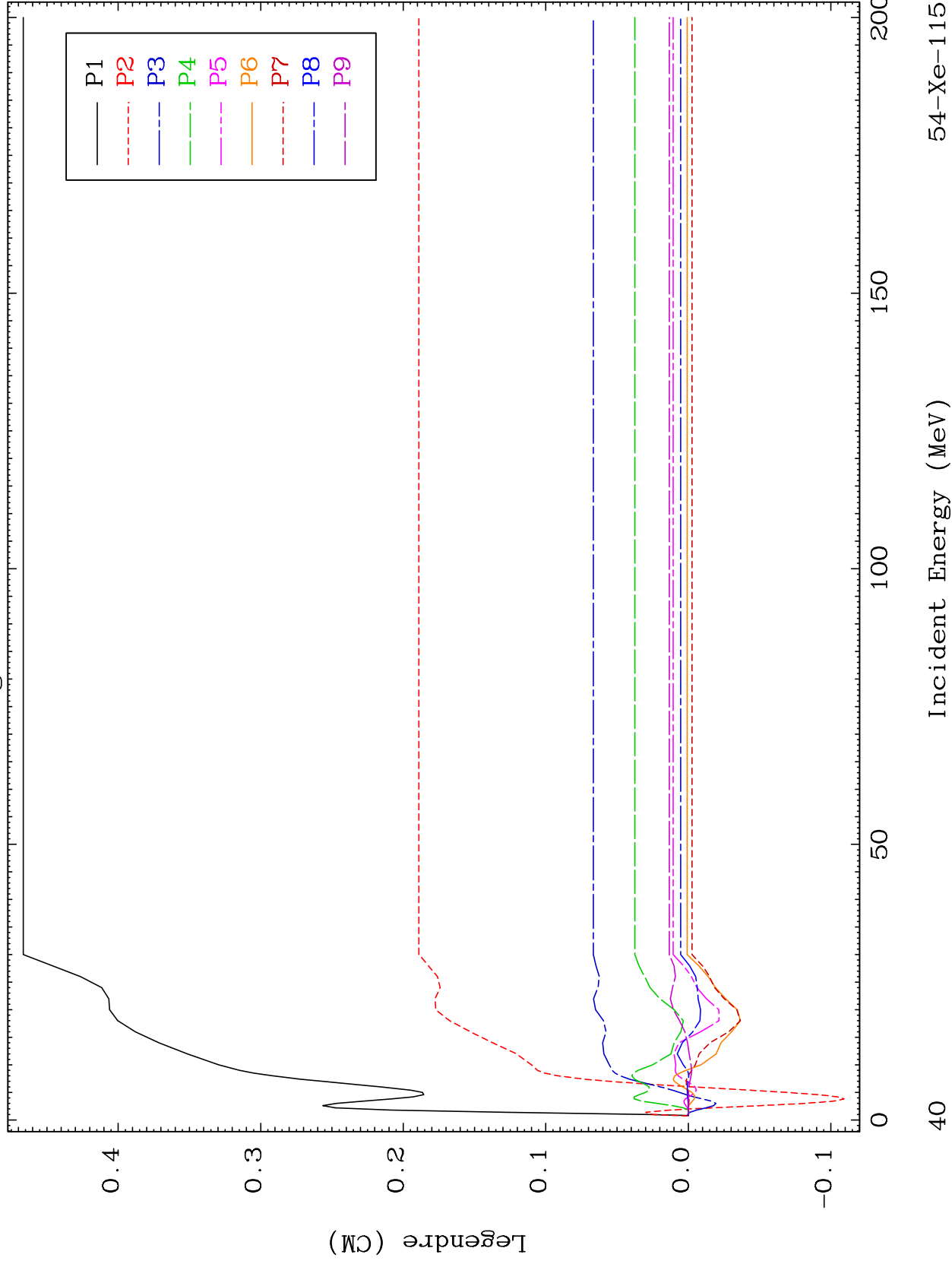




MAT 5398

709.0 keV (n,n') Level
Legendre Coefficients

54-Xe-115



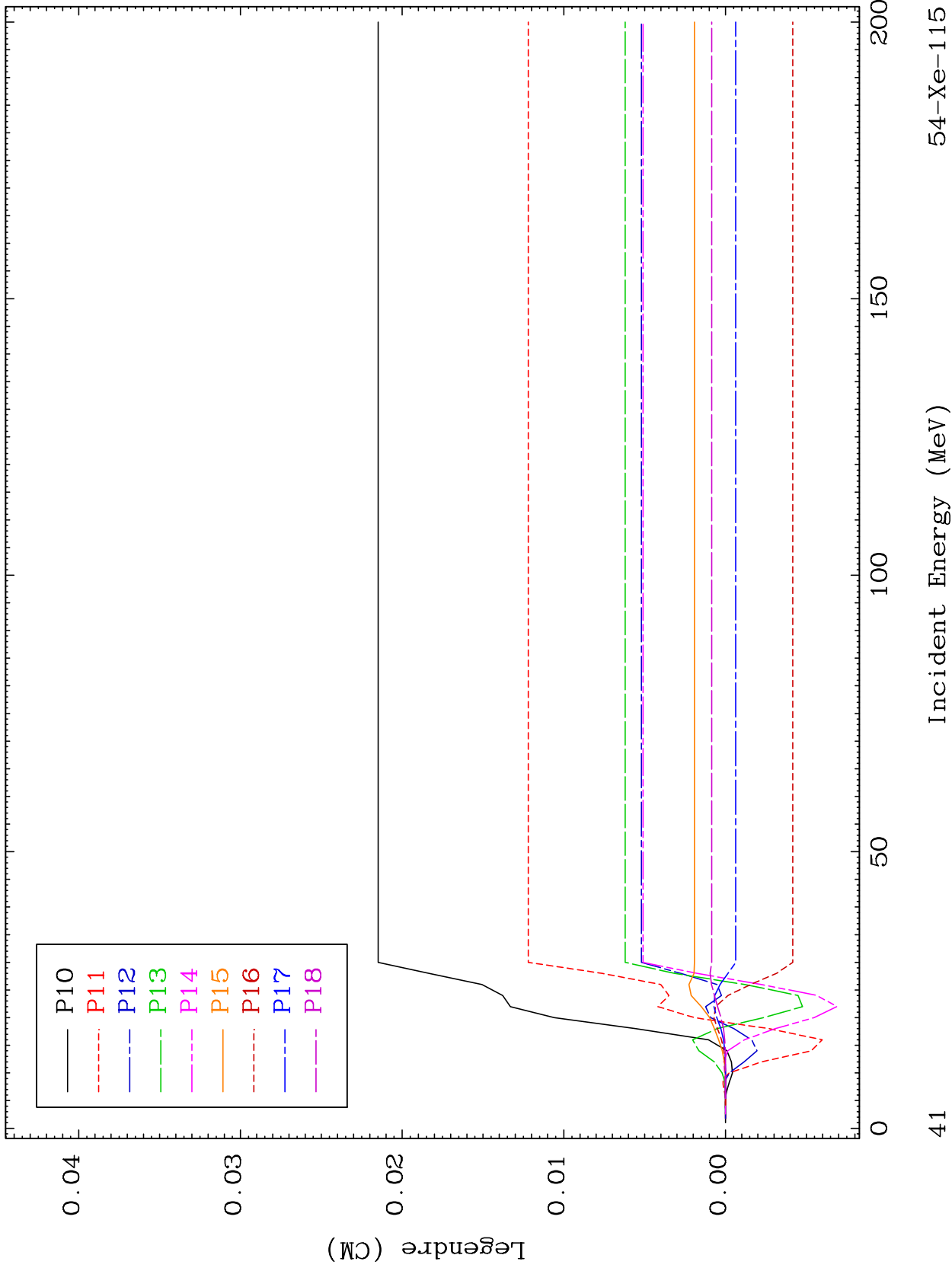
54-Xe-115

Incident Energy (MeV)

MAT 5398

709.0 keV (n,n') Level
Legendre Coefficients

54-Xe-115



41

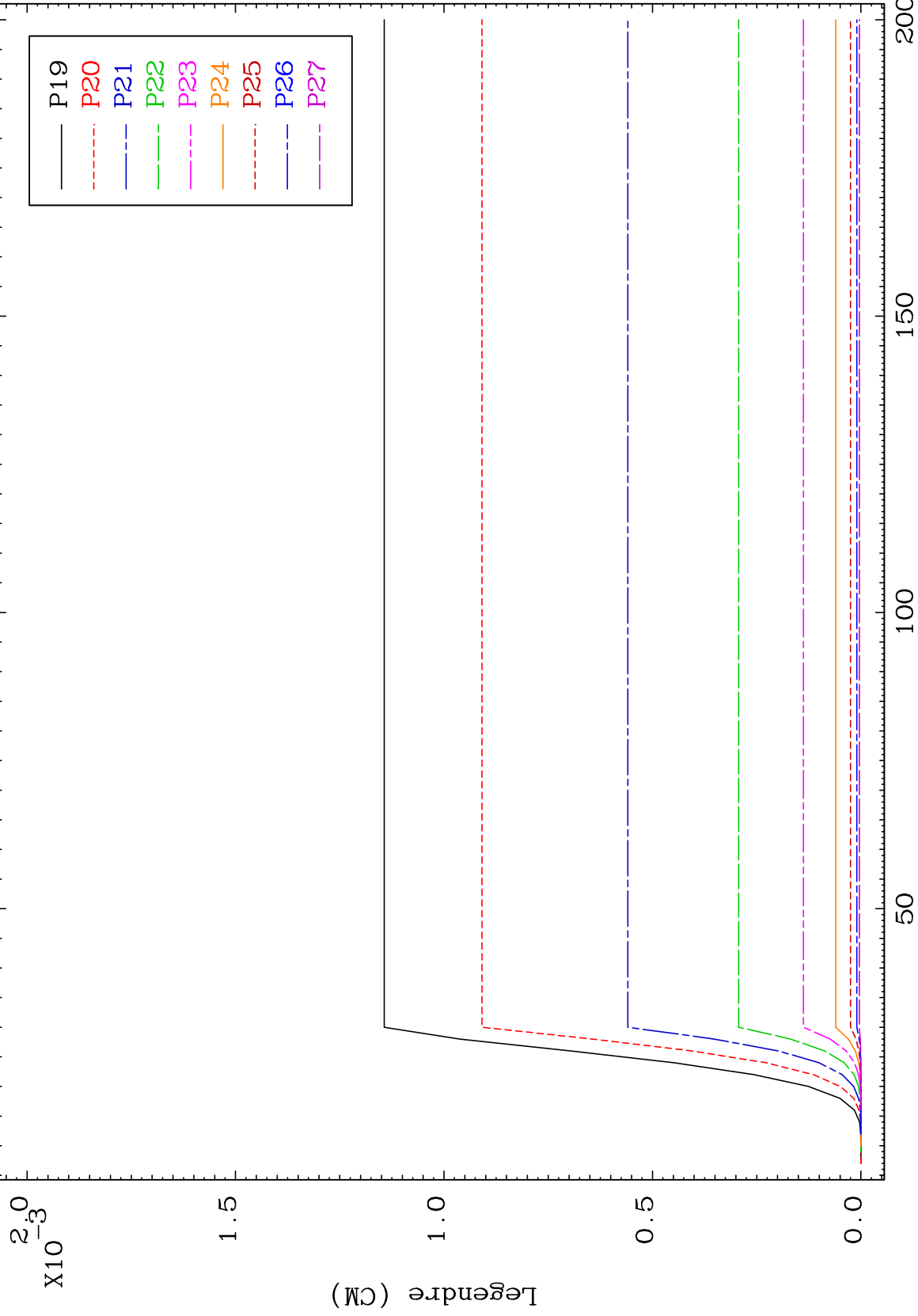
Incident Energy (MeV)

54-Xe-115

MAT 5398

709.0 keV (n,n') Level
Legendre Coefficients

54-Xe-115



42

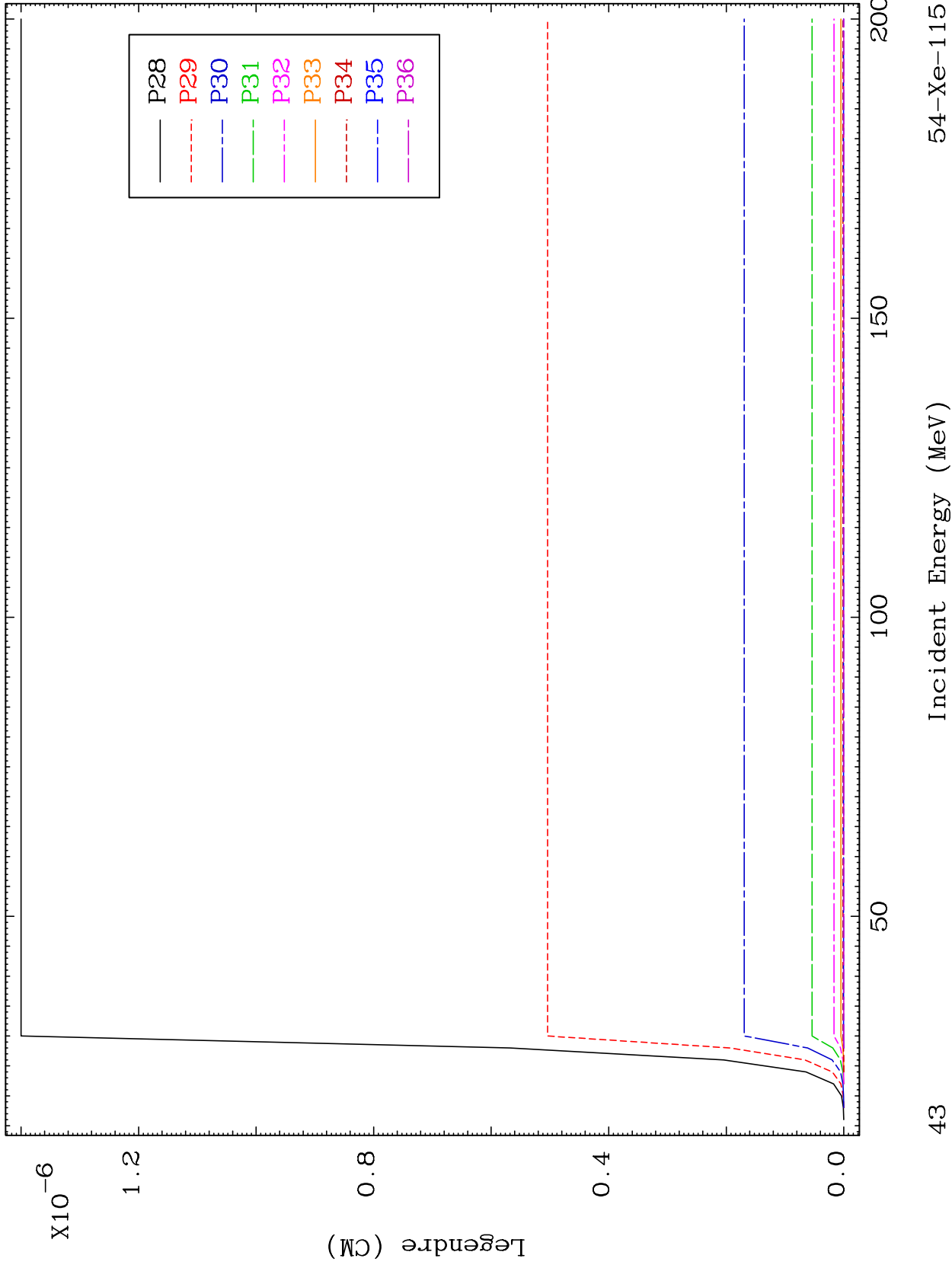
Incident Energy (MeV)

54-Xe-115

MAT 5398

709.0 keV (n,n') Level
Legendre Coefficients

54-Xe-115



43

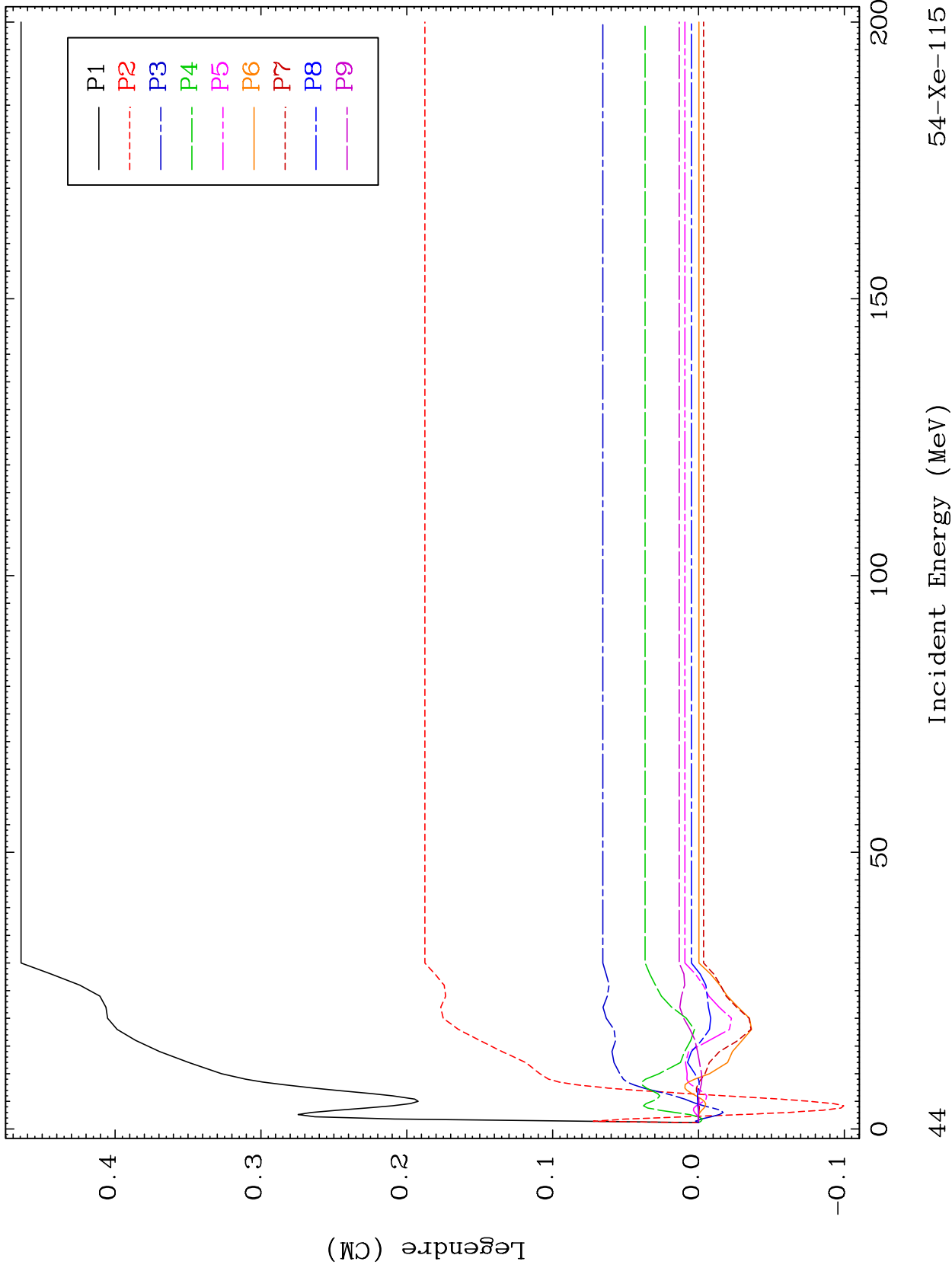
Incident Energy (MeV)

54-Xe-115

MAT 5398

1.125 MeV (n,n') Level
Legendre Coefficients

54-Xe-115



54-Xe-115

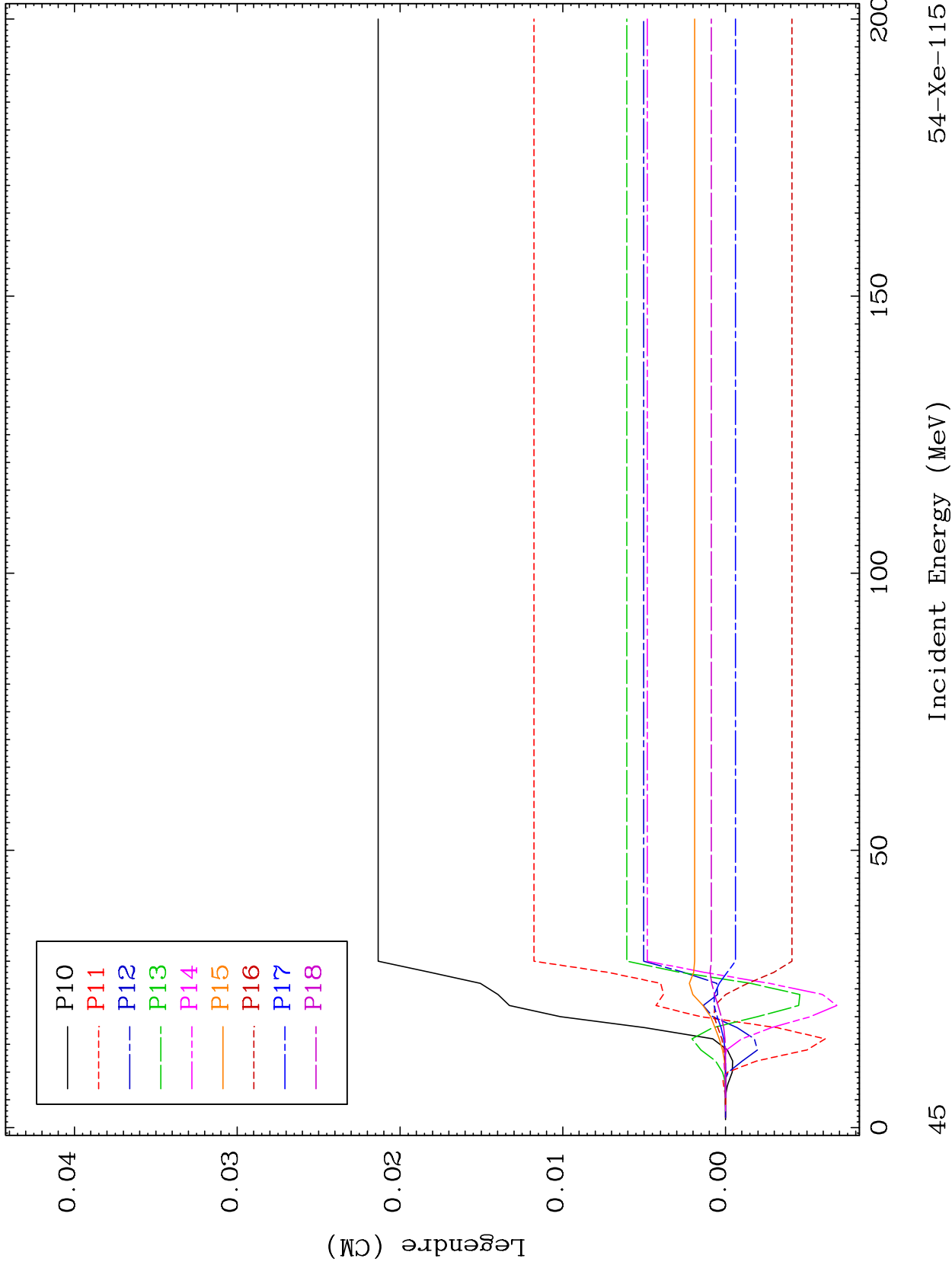
Incident Energy (MeV)

44

MAT 5398

1.125 MeV (n,n') Level
Legendre Coefficients

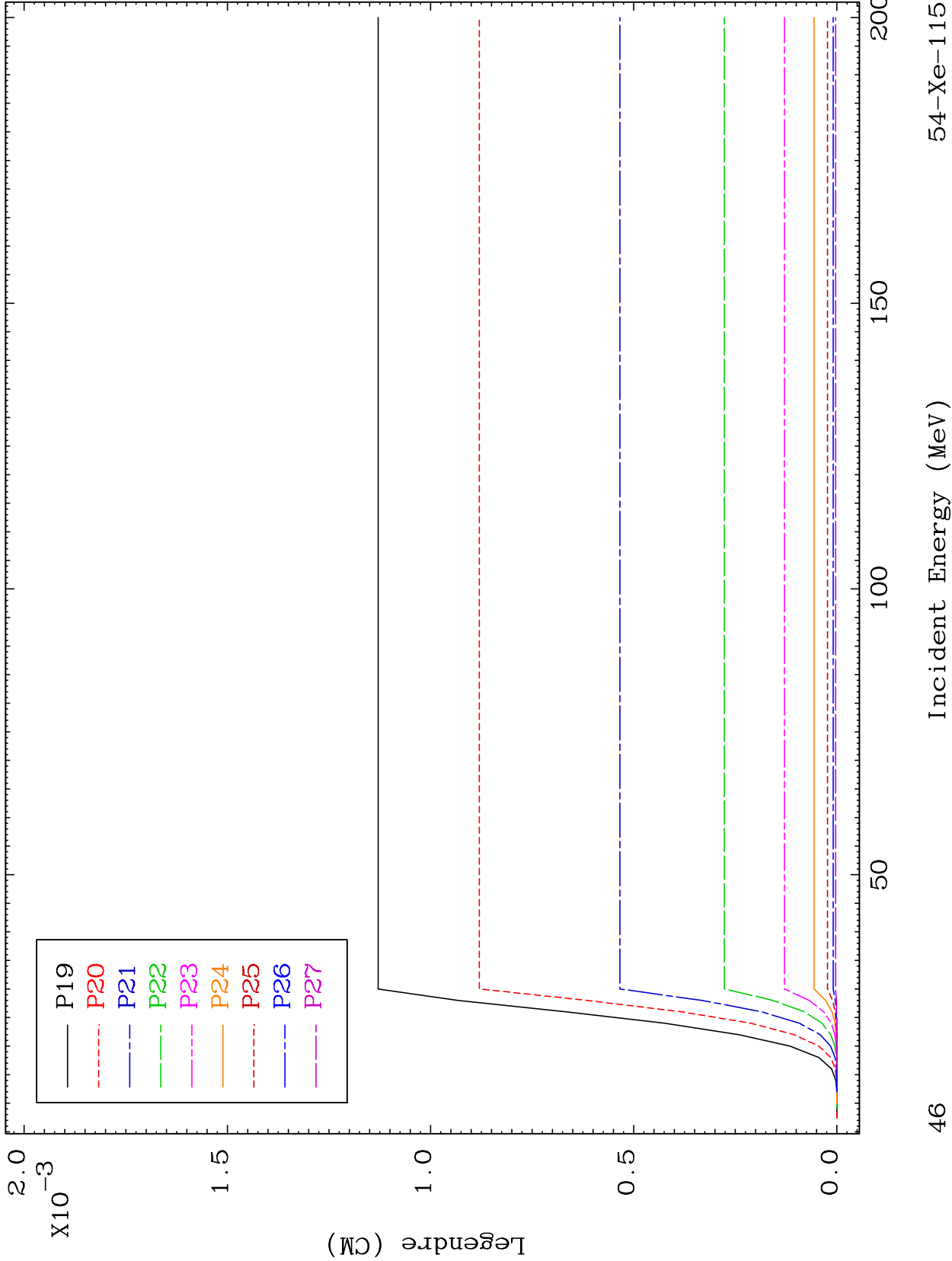
54-Xe-115



54-Xe-115

Incident Energy (MeV)

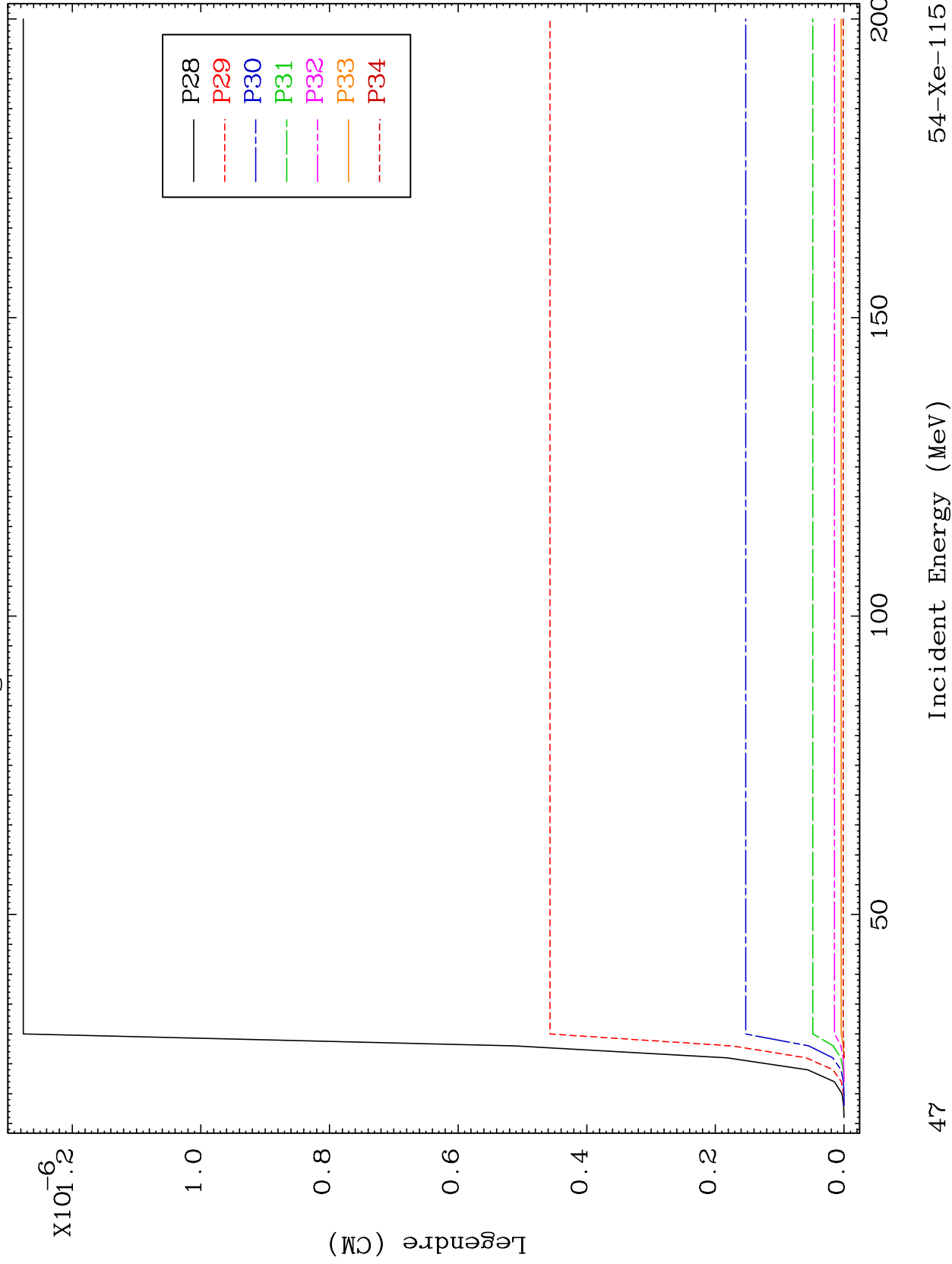
45



MAT 5398

1.125 MeV (n,n') Level
Legendre Coefficients

54-Xe-115



47

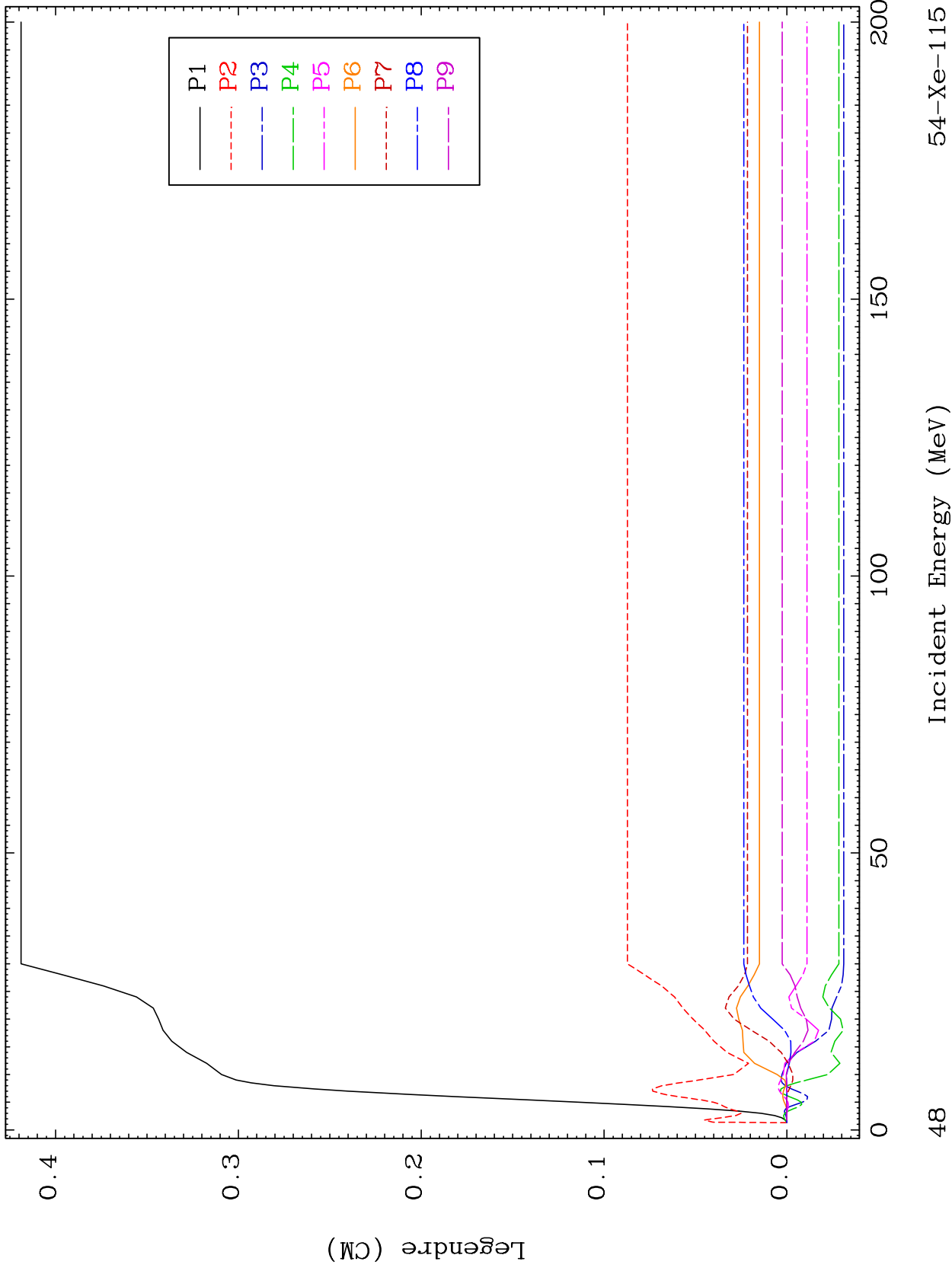
Incident Energy (MeV)

54-Xe-115

MAT 5398

1.284 MeV (n,n') Level
Legendre Coefficients

54-Xe-115



54-Xe-115

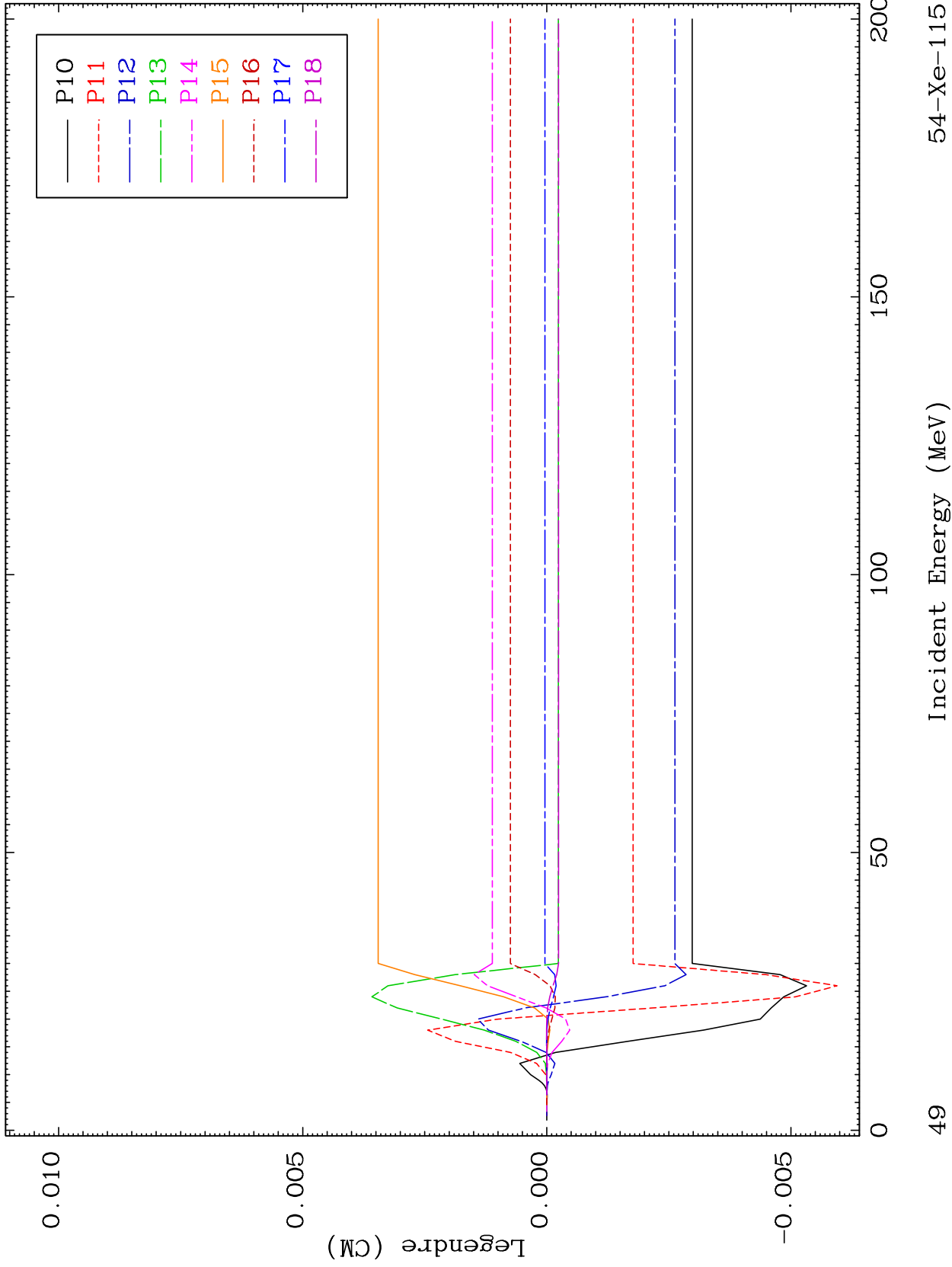
Incident Energy (MeV)

48

MAT 5398

1.284 MeV (n,n') Level
Legendre Coefficients

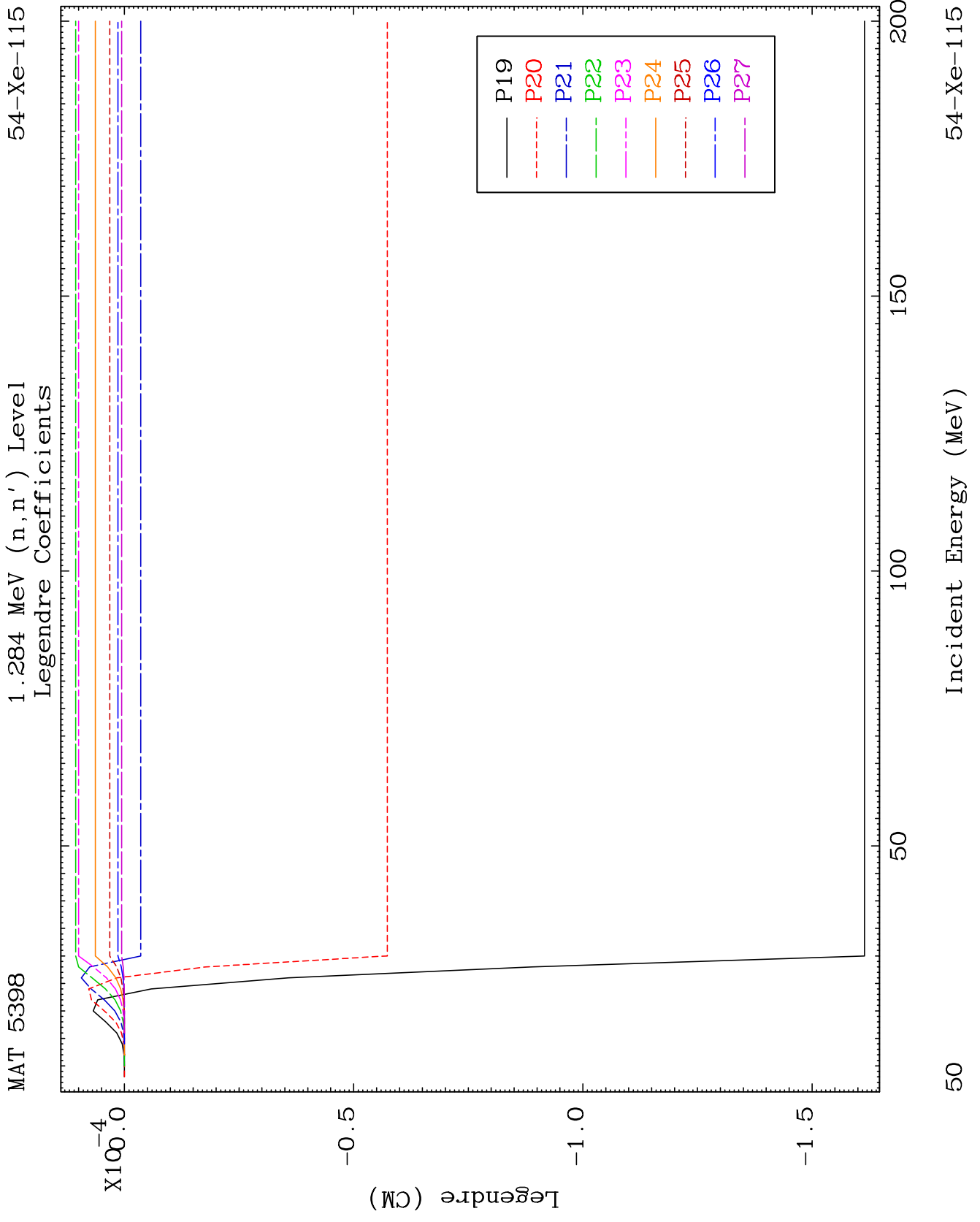
54-Xe-115

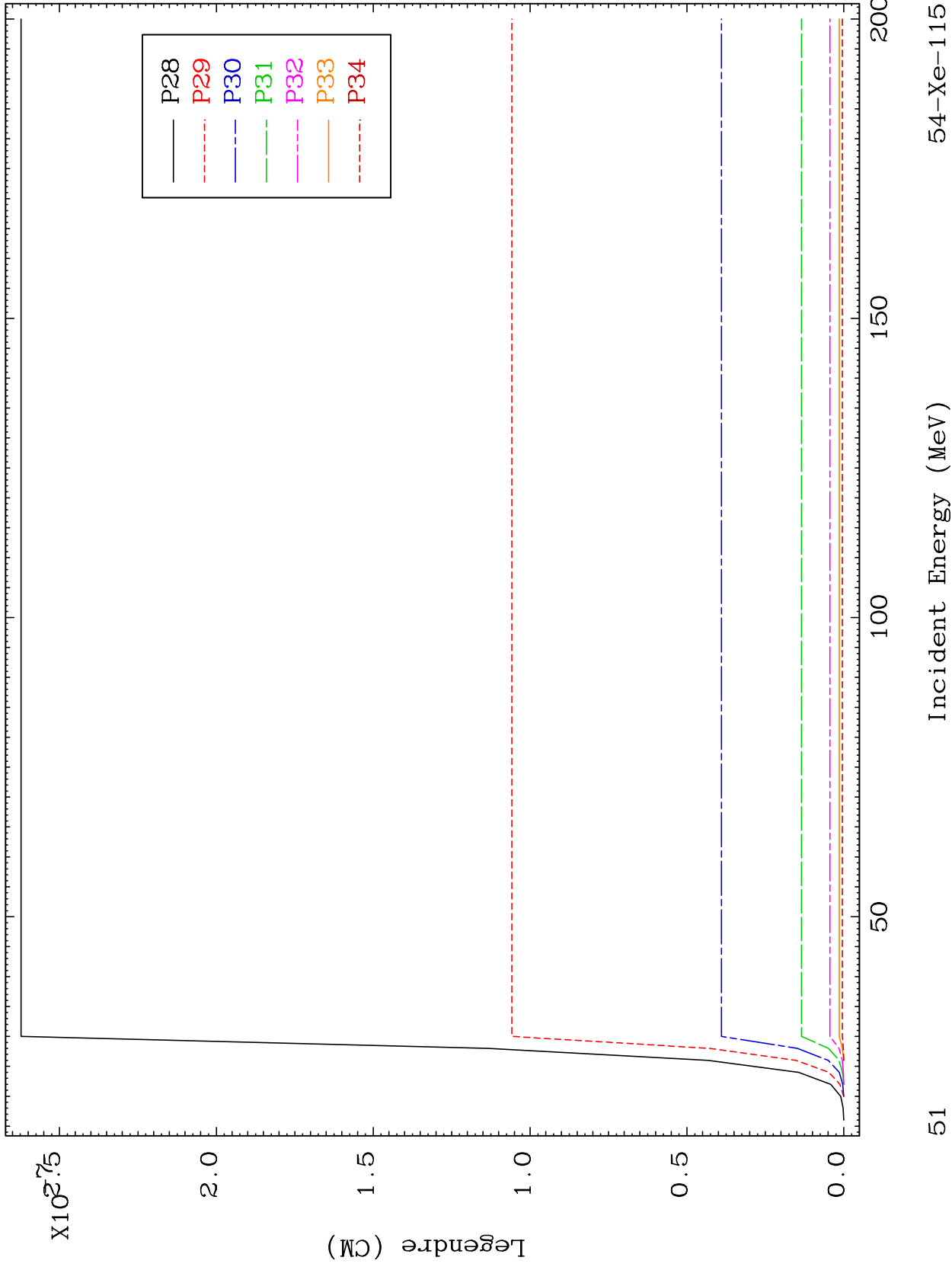


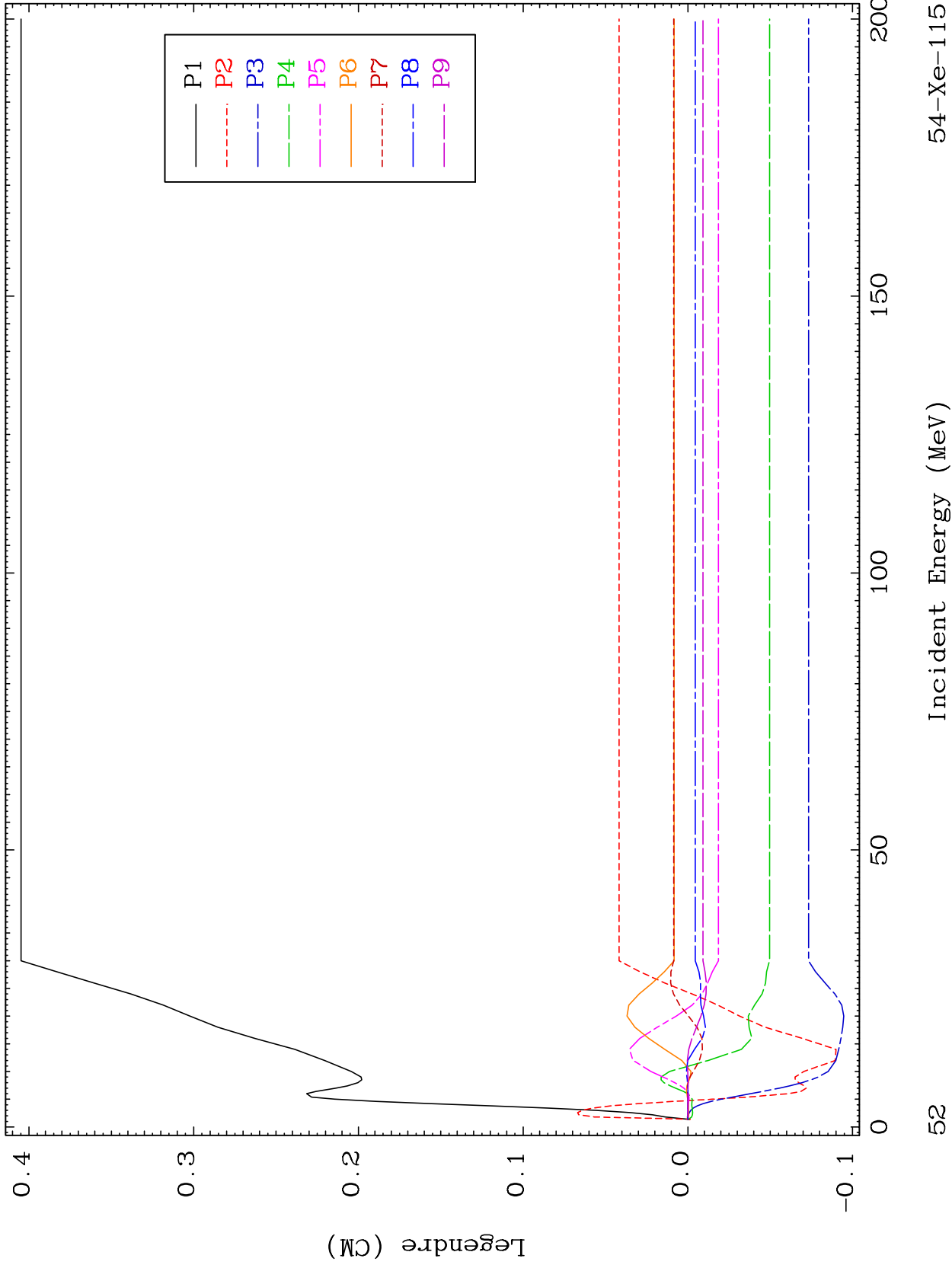
54-Xe-115

Incident Energy (MeV)

49



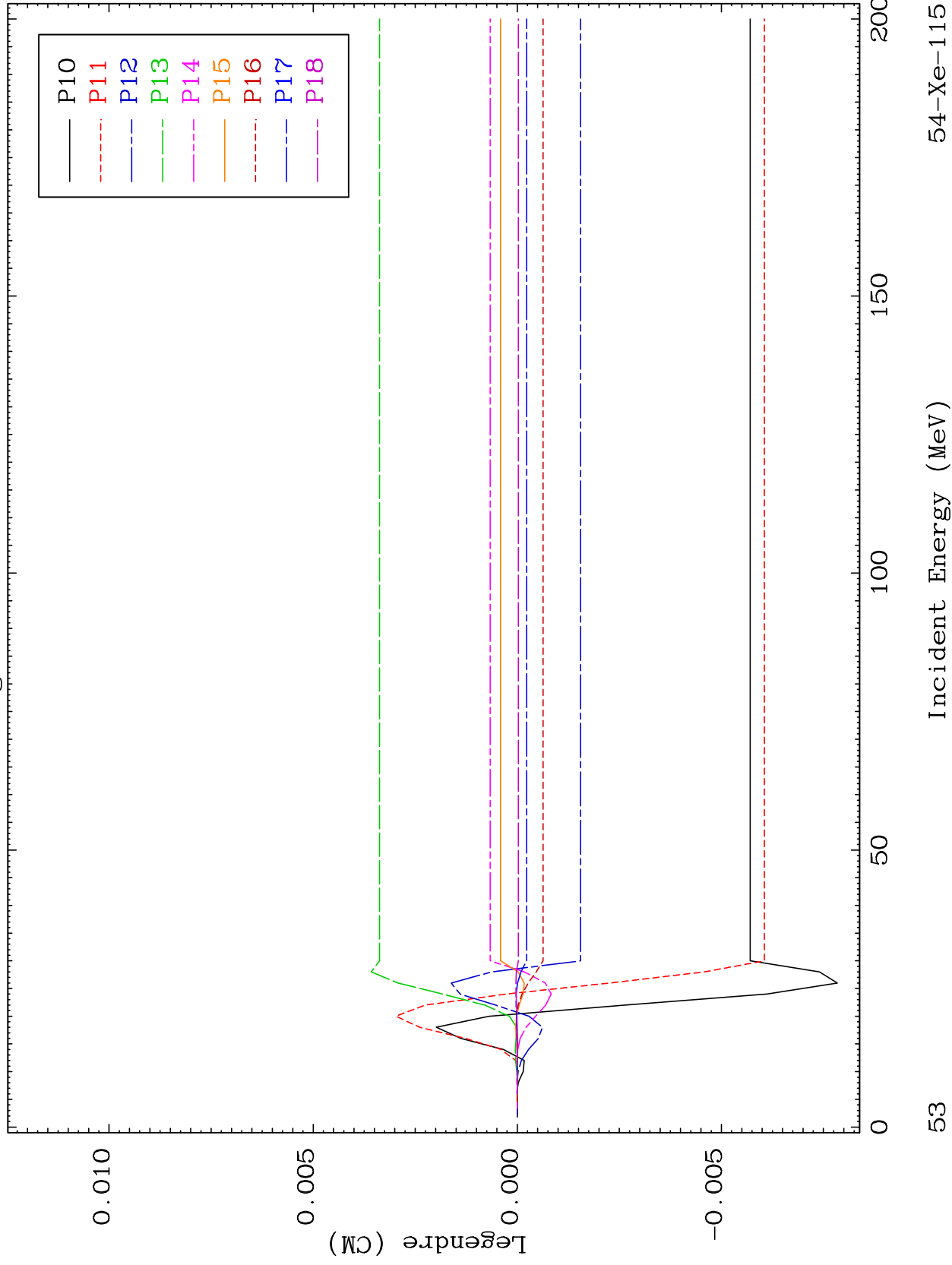




MAT 5398

1.290 MeV (n,n') Level
Legendre Coefficients

54-Xe-115



54-Xe-115

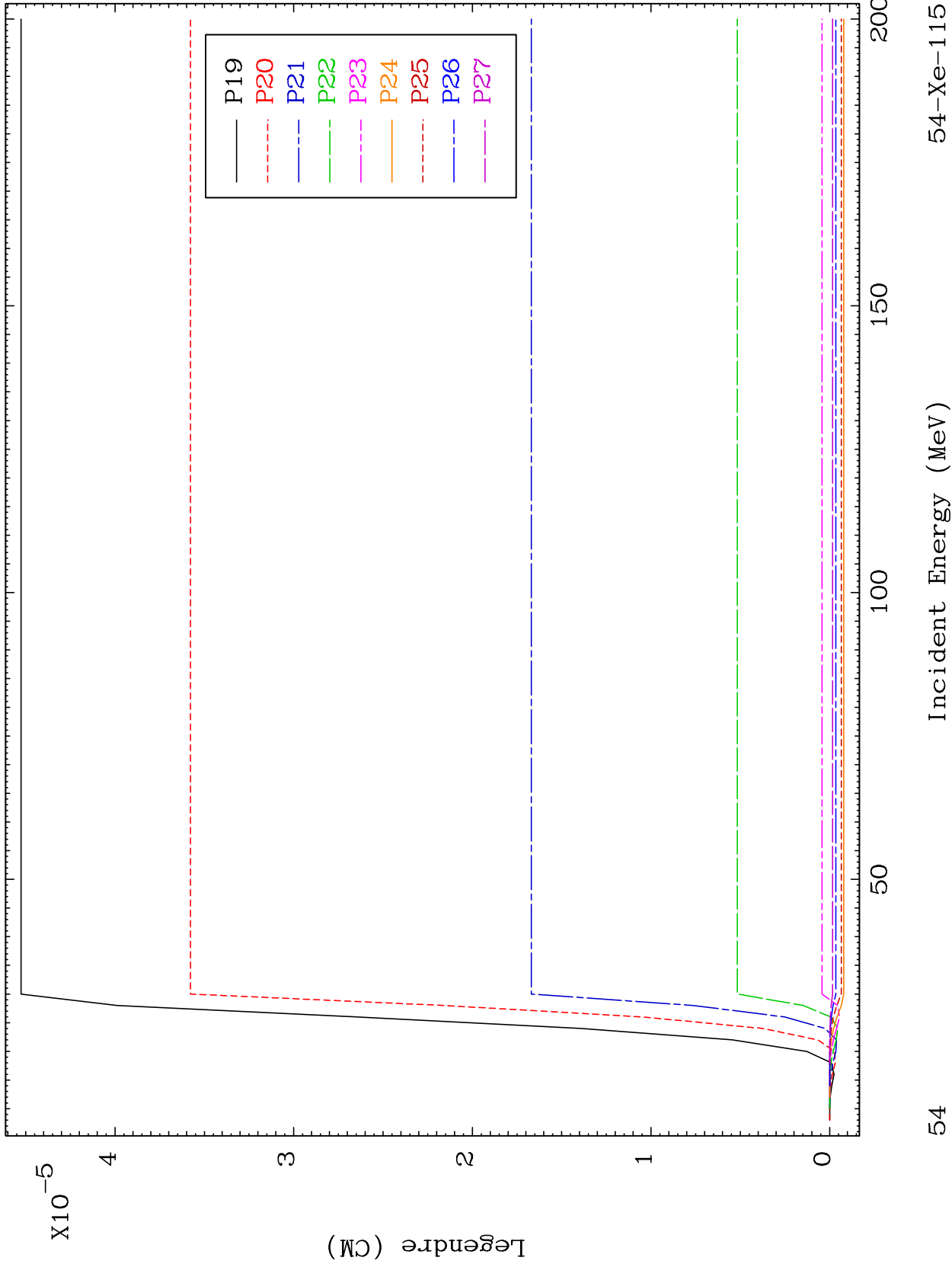
Incident Energy (MeV)

53

MAT 5398

1.290 MeV (n,n') Level
Legendre Coefficients

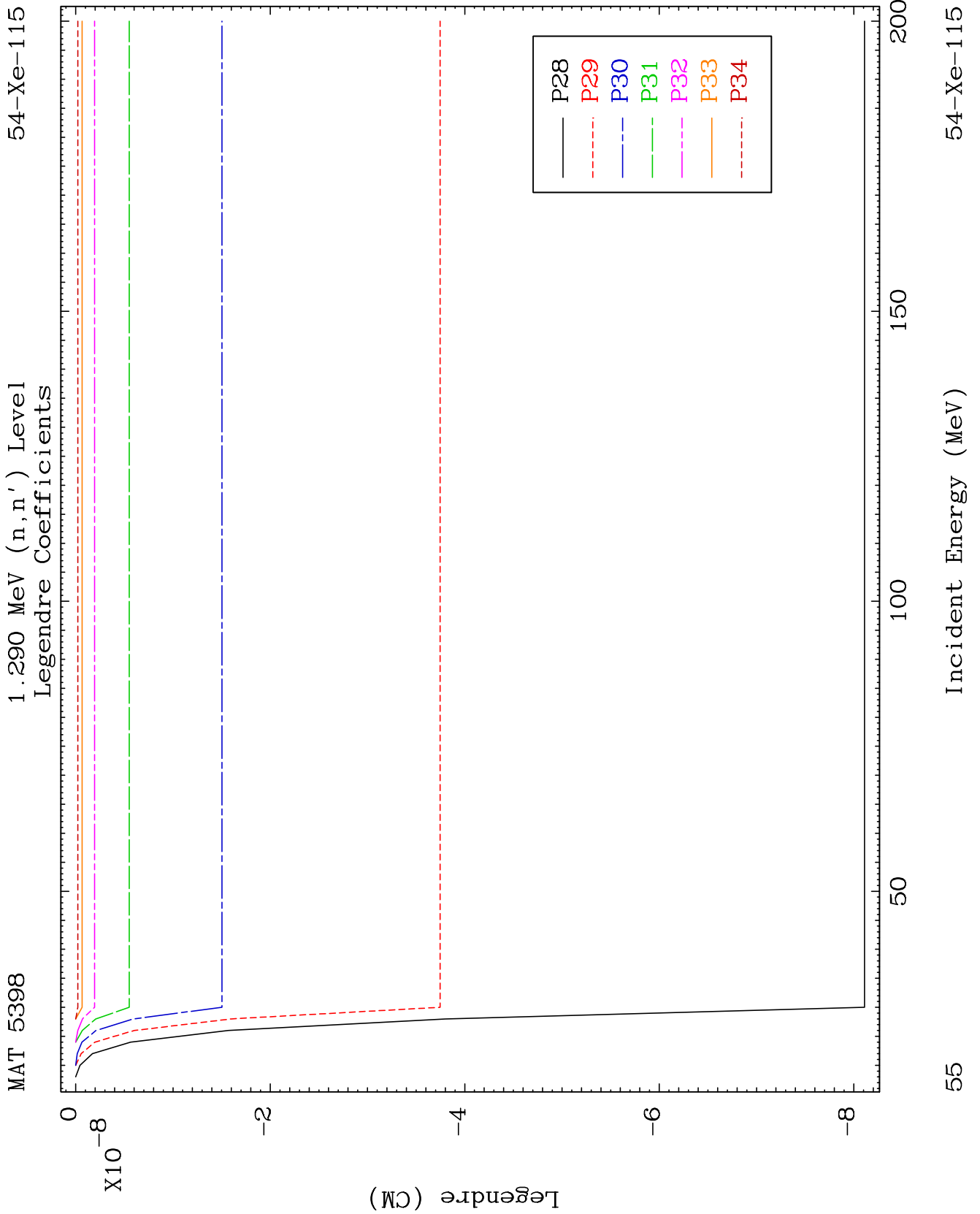
54-Xe-115

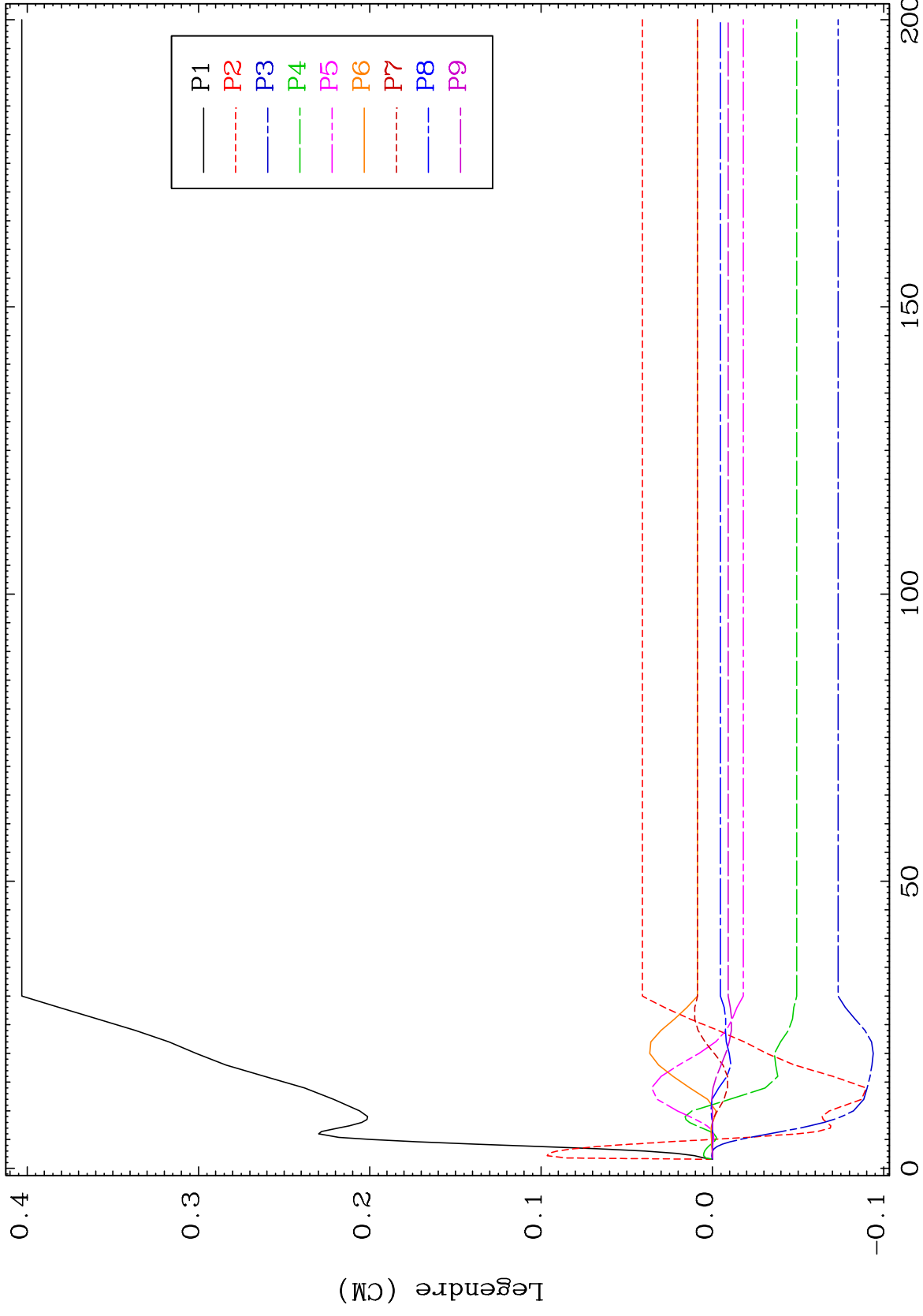


54

Incident Energy (MeV)

54-Xe-115

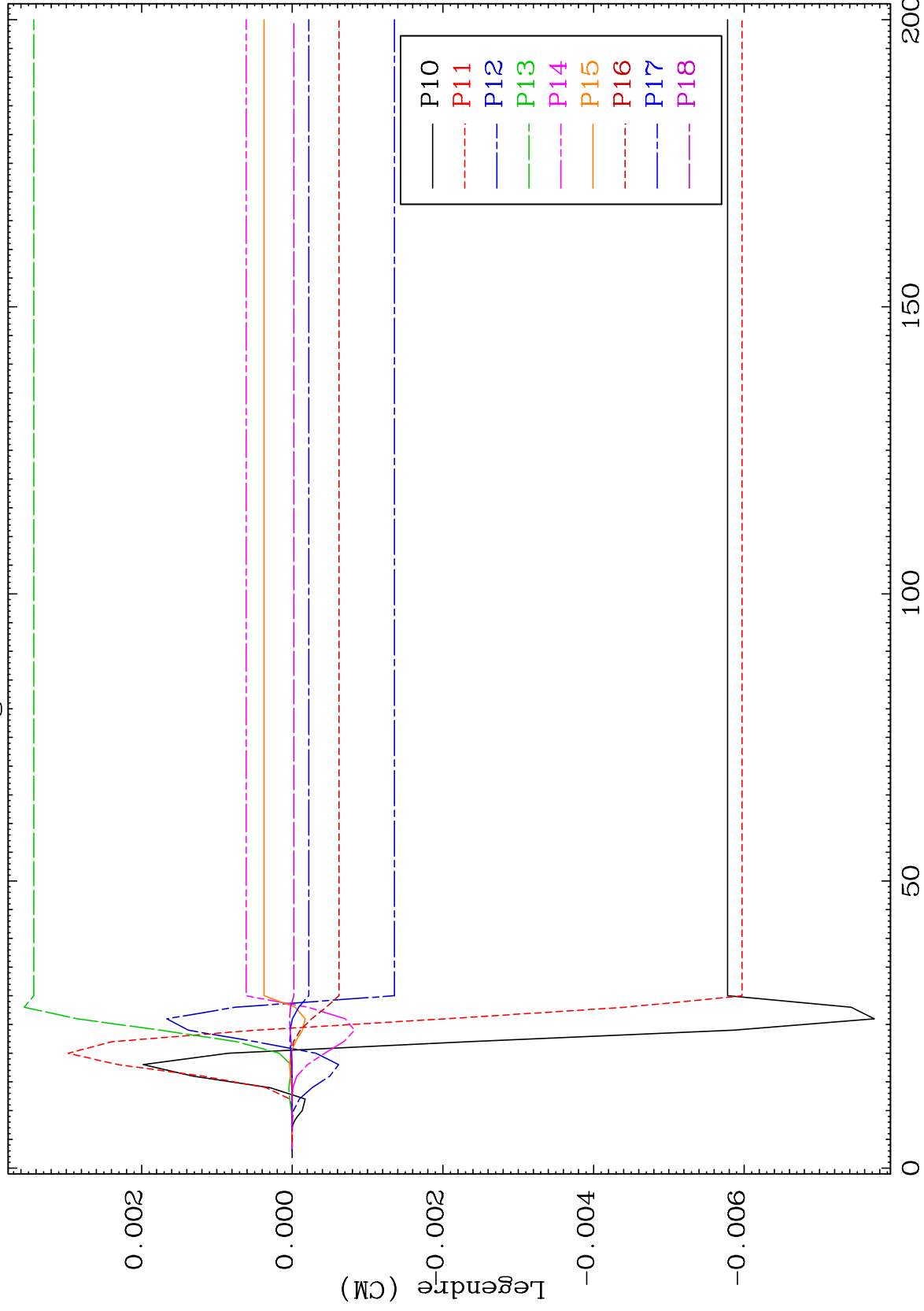




MAT 5398

1.548 MeV (n,n') Level
Legendre Coefficients

54-Xe-115



57

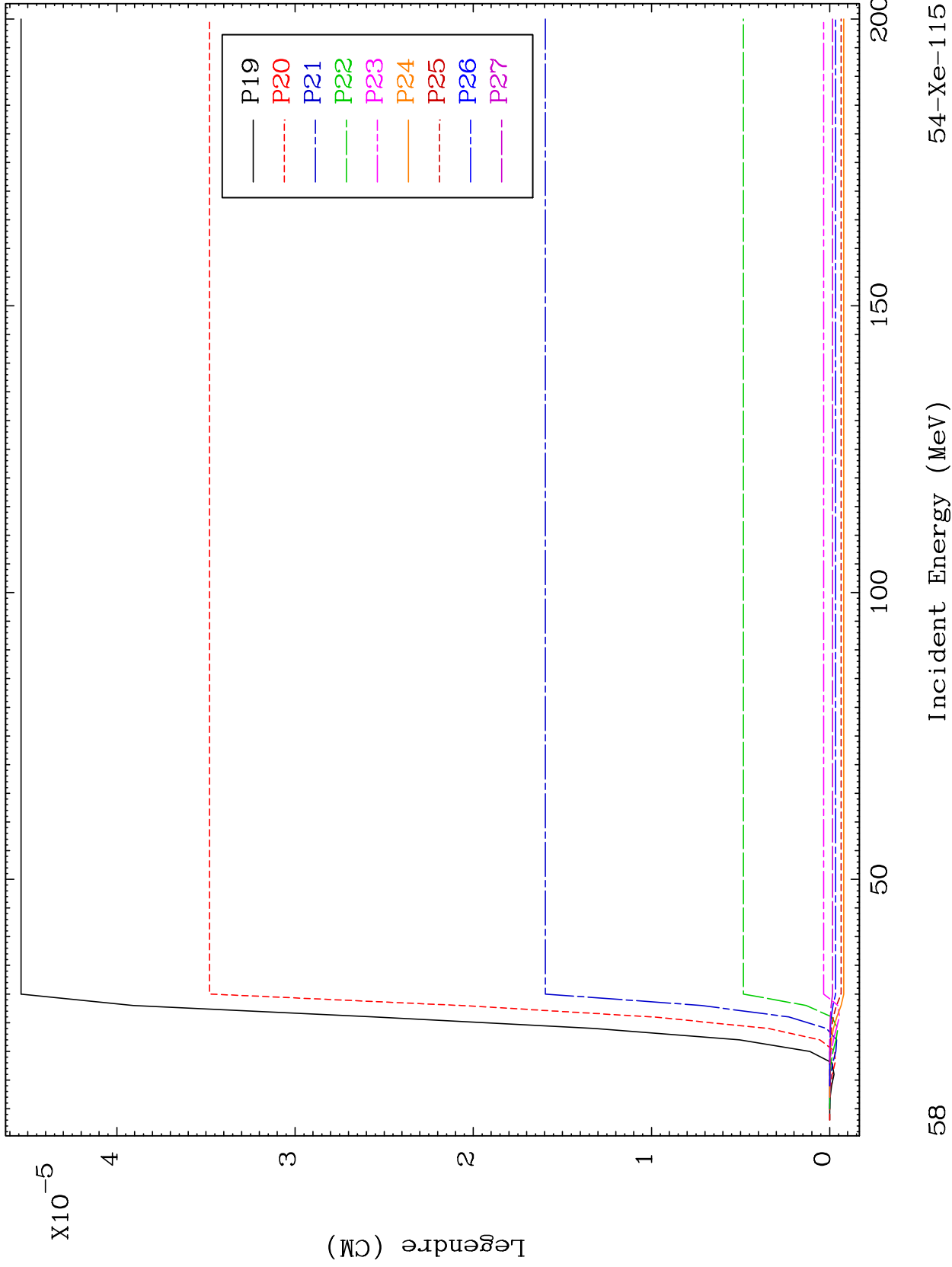
Incident Energy (MeV)

54-Xe-115

MAT 5398

1.548 MeV (n, n') Level
Legendre Coefficients

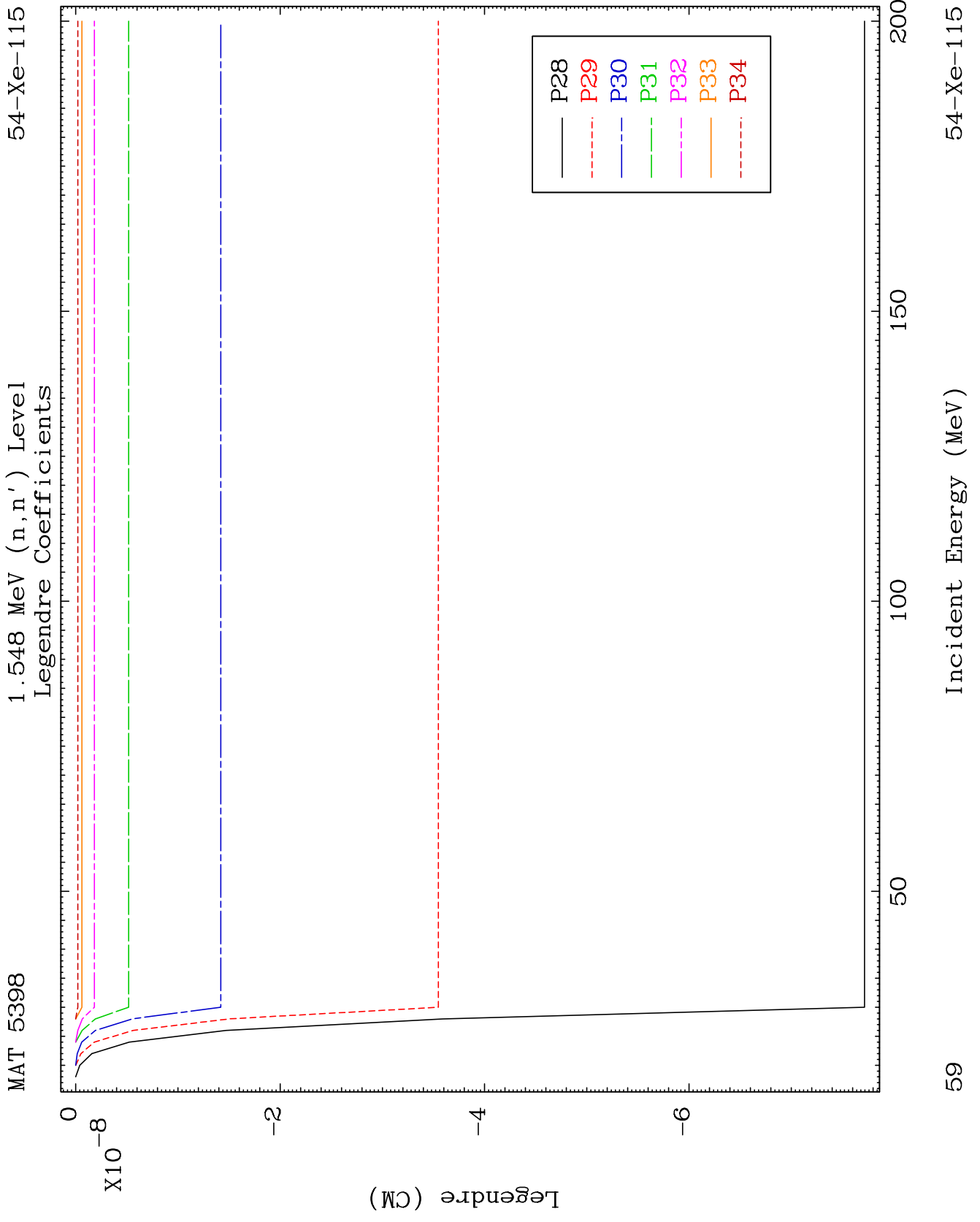
54-Xe-115



58

Incident Energy (MeV)

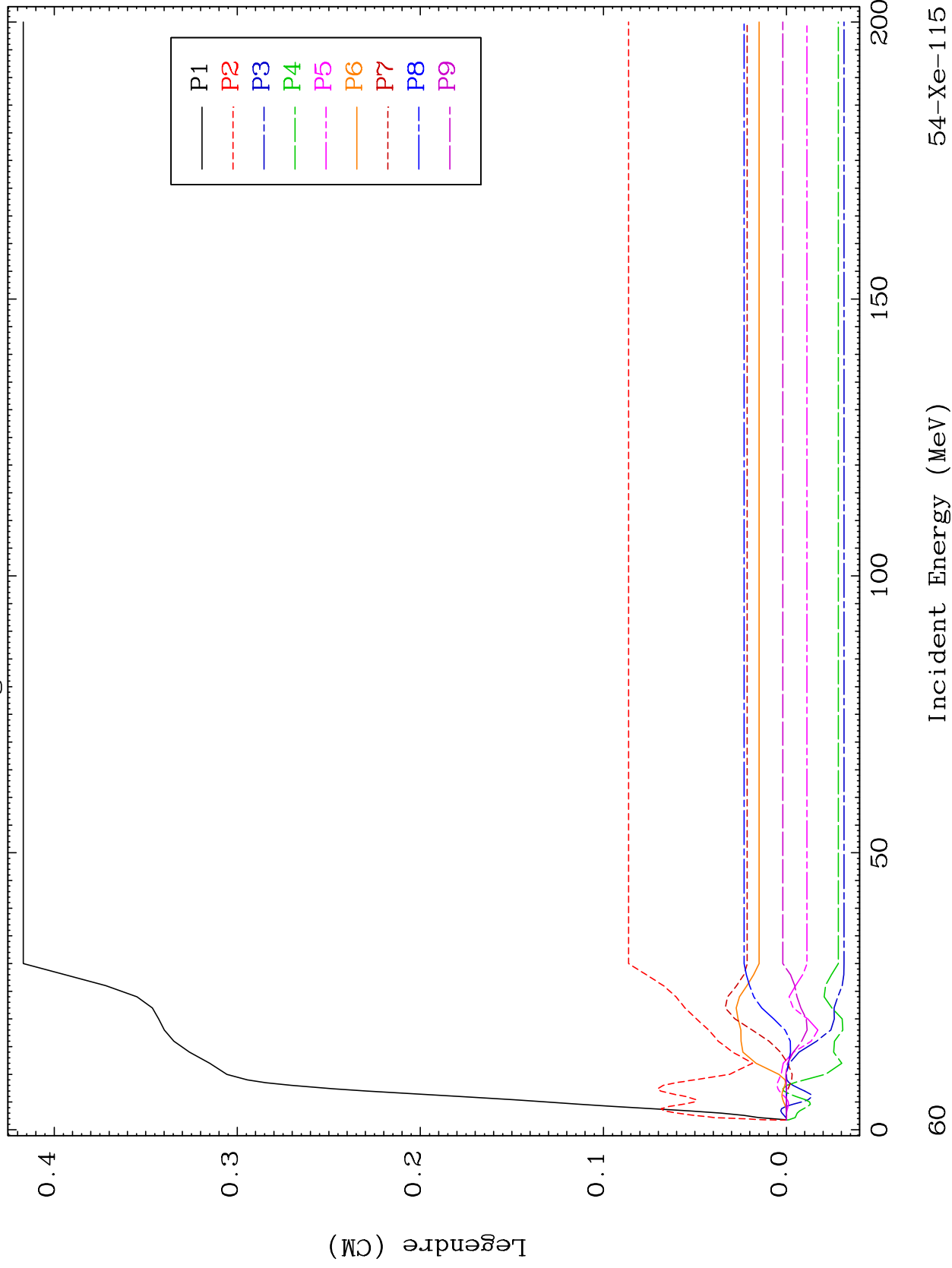
54-Xe-115



MAT 5398

1.725 MeV (n,n') Level
Legendre Coefficients

54-Xe-115



54-Xe-115

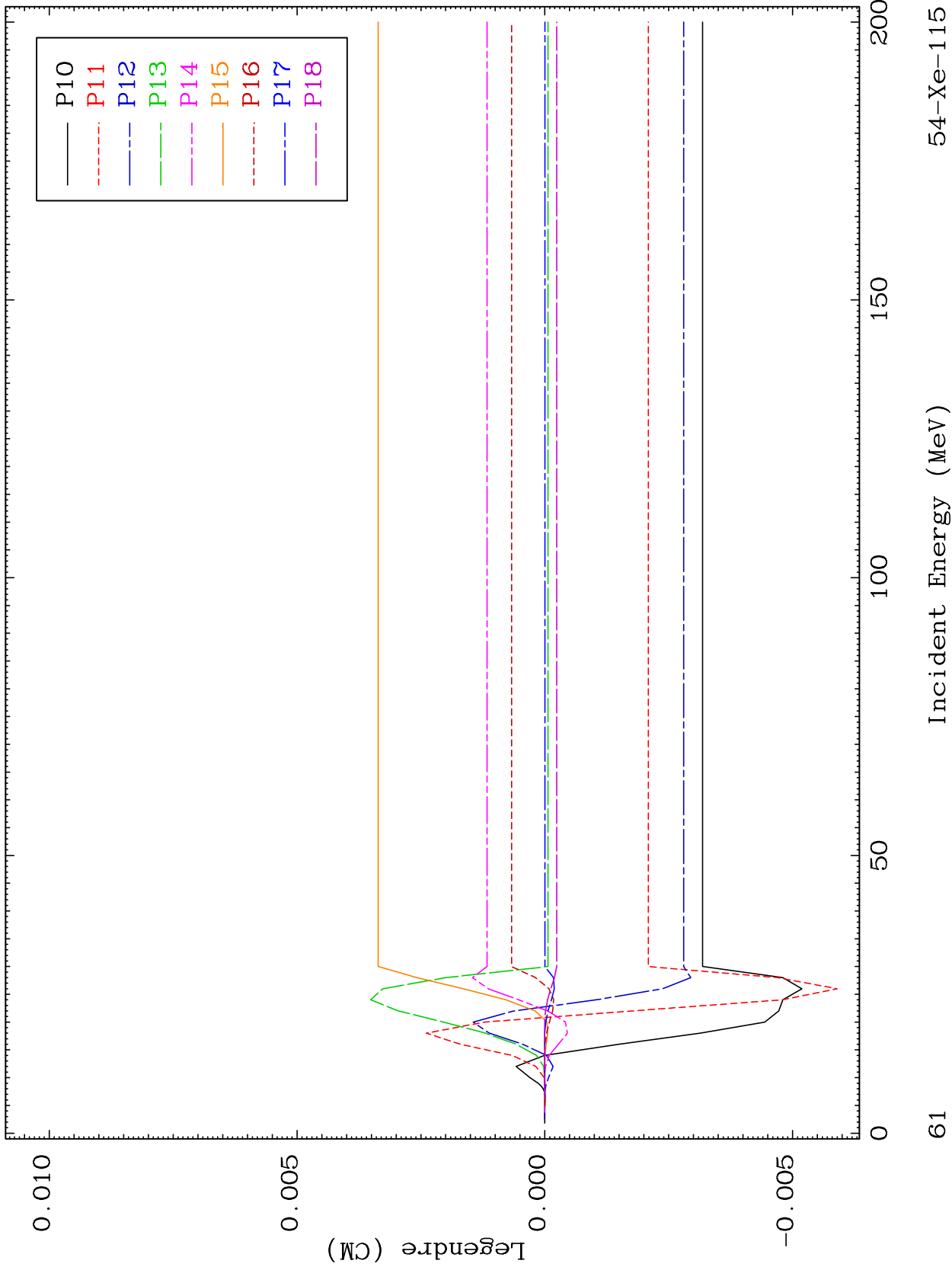
Incident Energy (MeV)

60

MAT 5398

1.725 MeV (n,n') Level
Legendre Coefficients

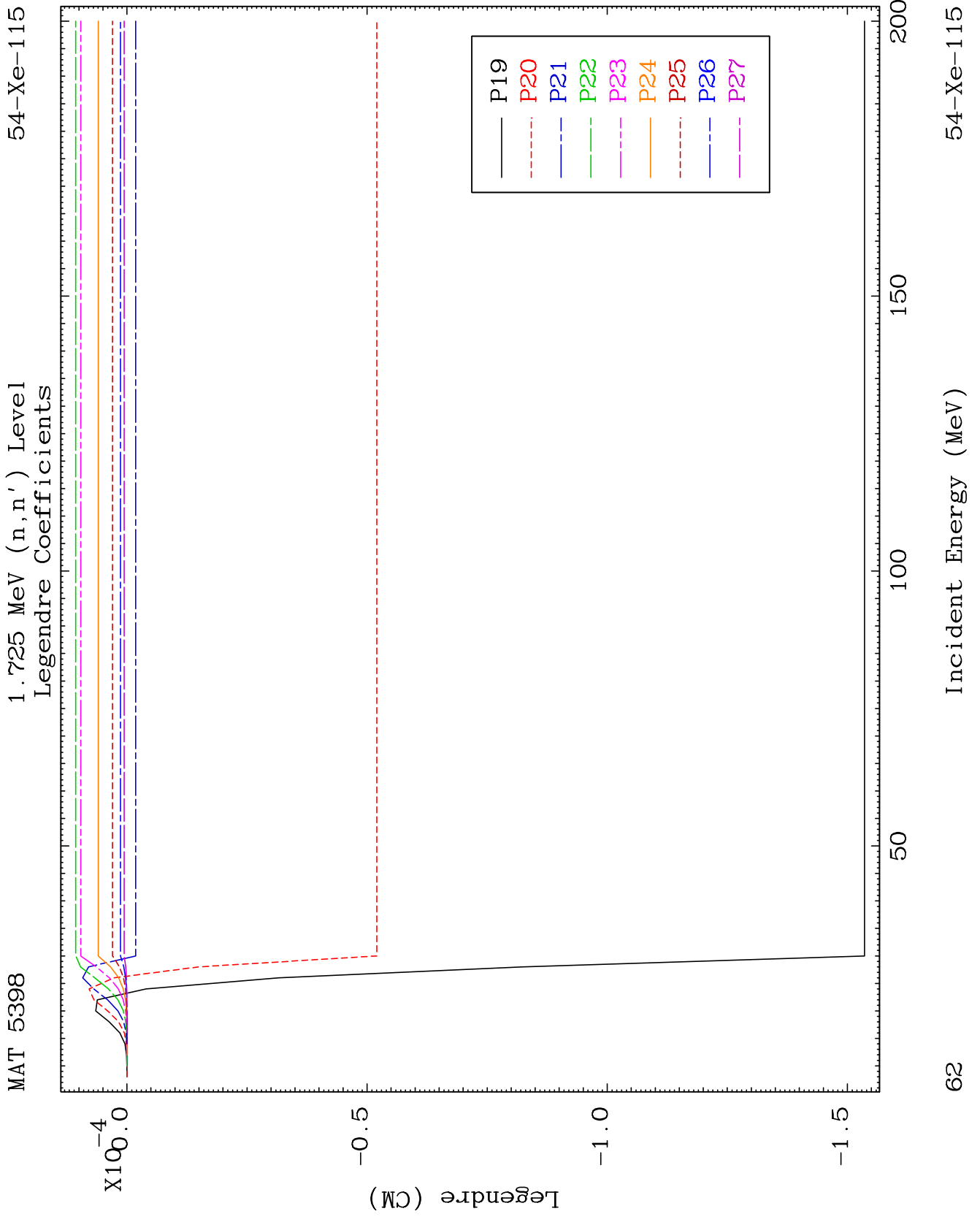
54-Xe-115



54-Xe-115

Incident Energy (MeV)

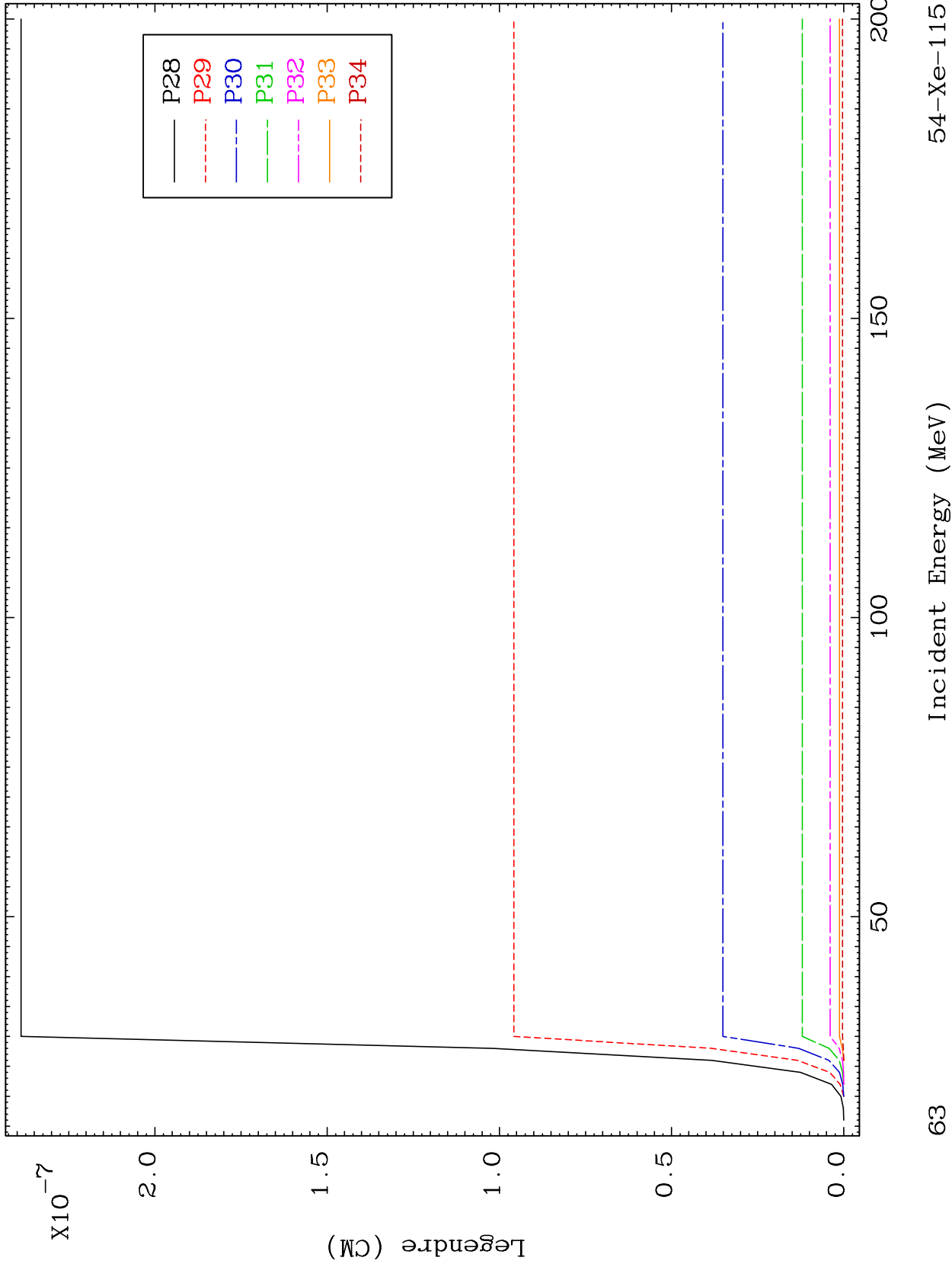
61



MAT 5398

1.725 MeV (n,n') Level
Legendre Coefficients

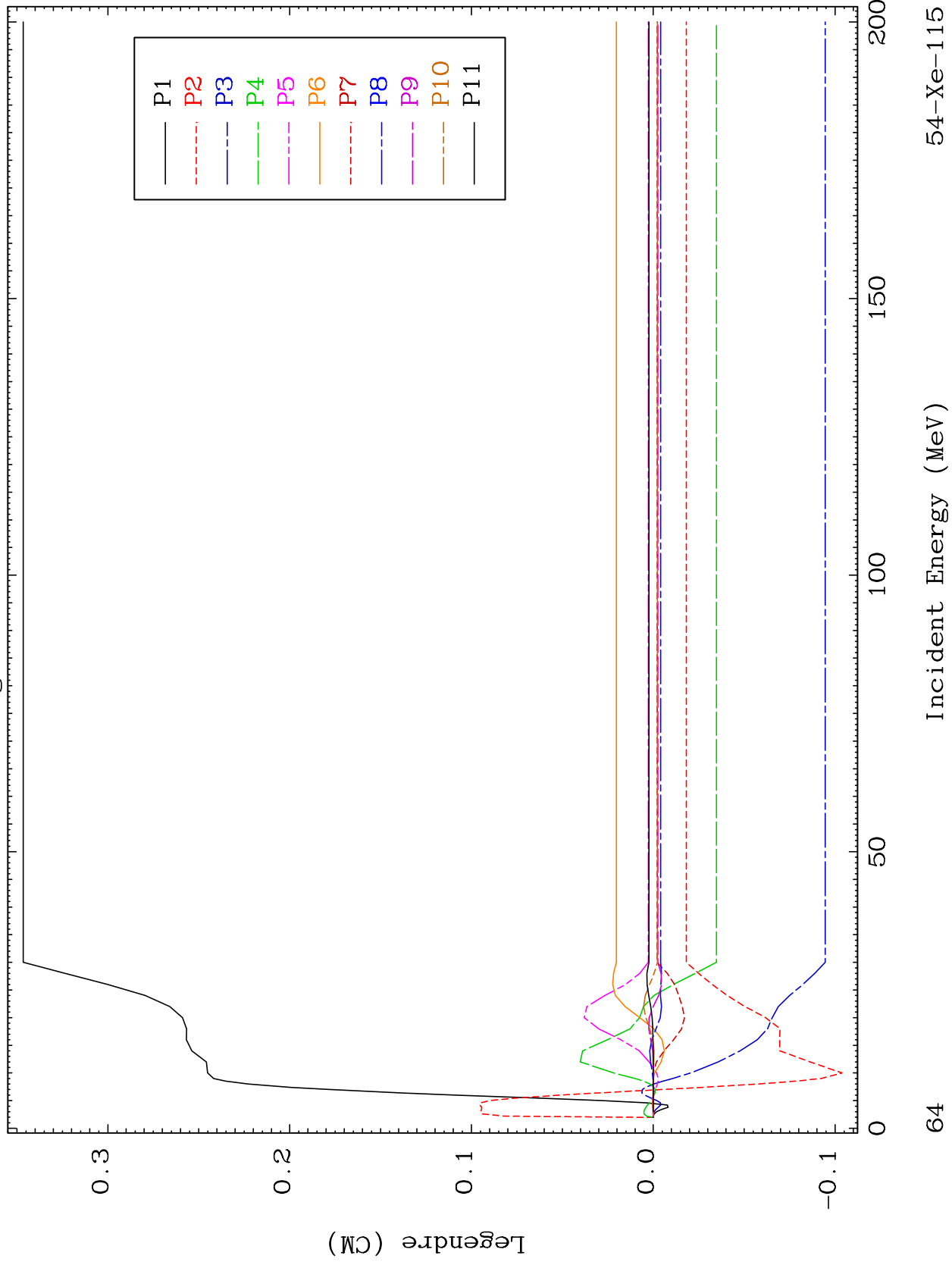
54-Xe-115



MAT 5398

1.944 MeV (n,n') Level
Legendre Coefficients

54-Xe-115



54-Xe-115

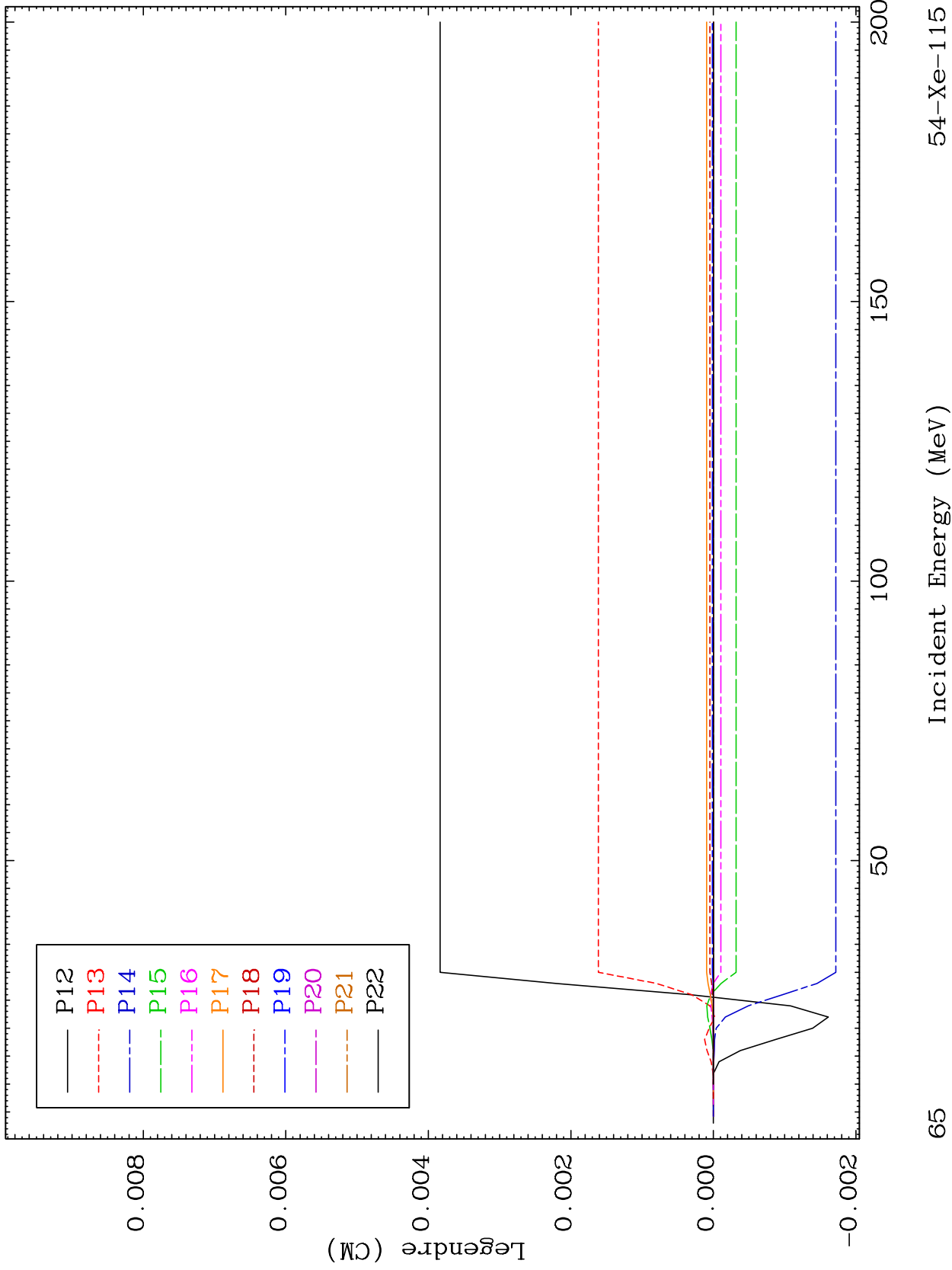
Incident Energy (MeV)

64

MAT 5398

1.944 MeV (n,n') Level
Legendre Coefficients

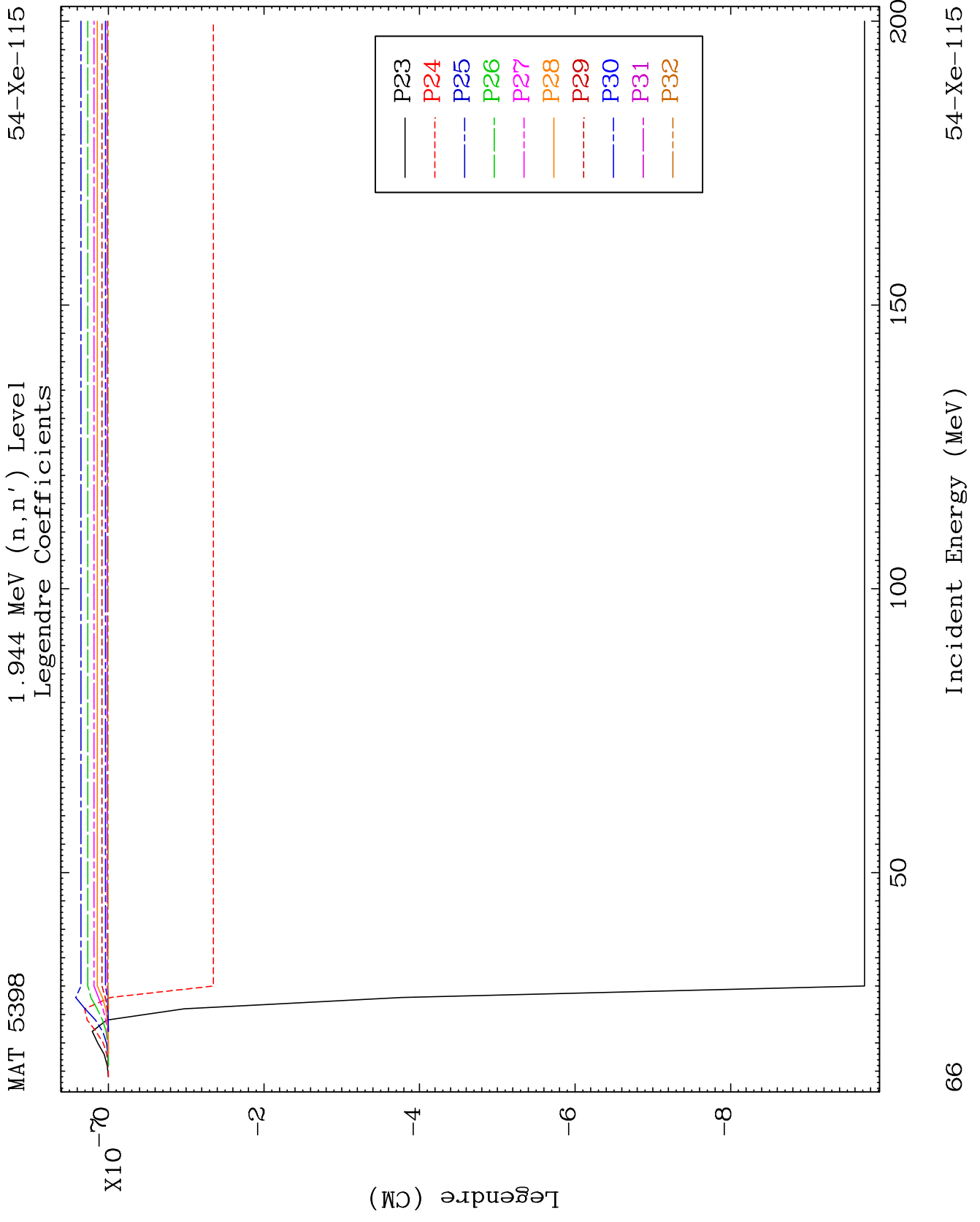
54-Xe-115



65

Incident Energy (MeV)

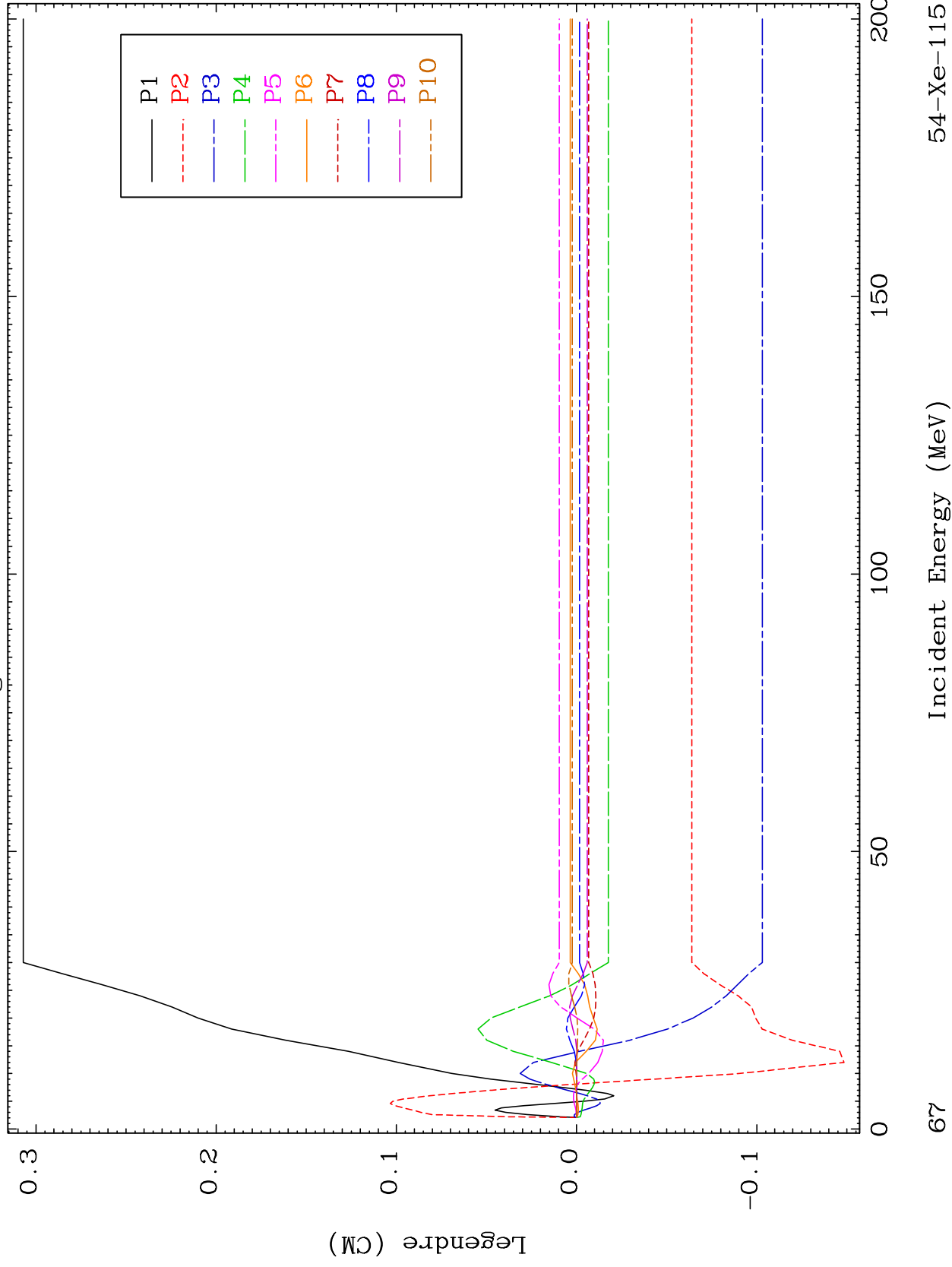
54-Xe-115



MAT 5398

2.057 MeV (n,n') Level
Legendre Coefficients

54-Xe-115



54-Xe-115

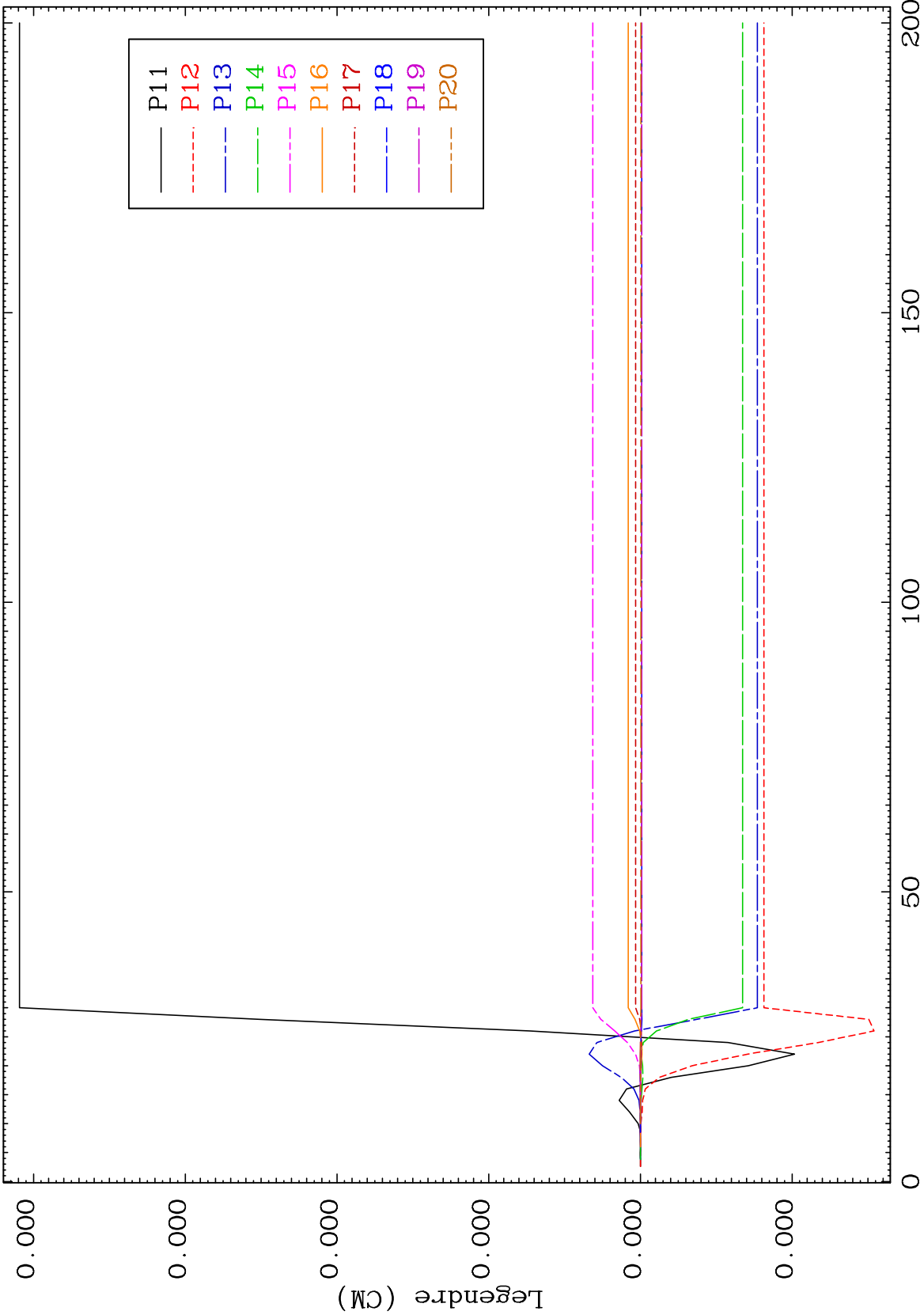
Incident Energy (MeV)

67

MAT 5398

2.057 MeV (n,n') Level
Legendre Coefficients

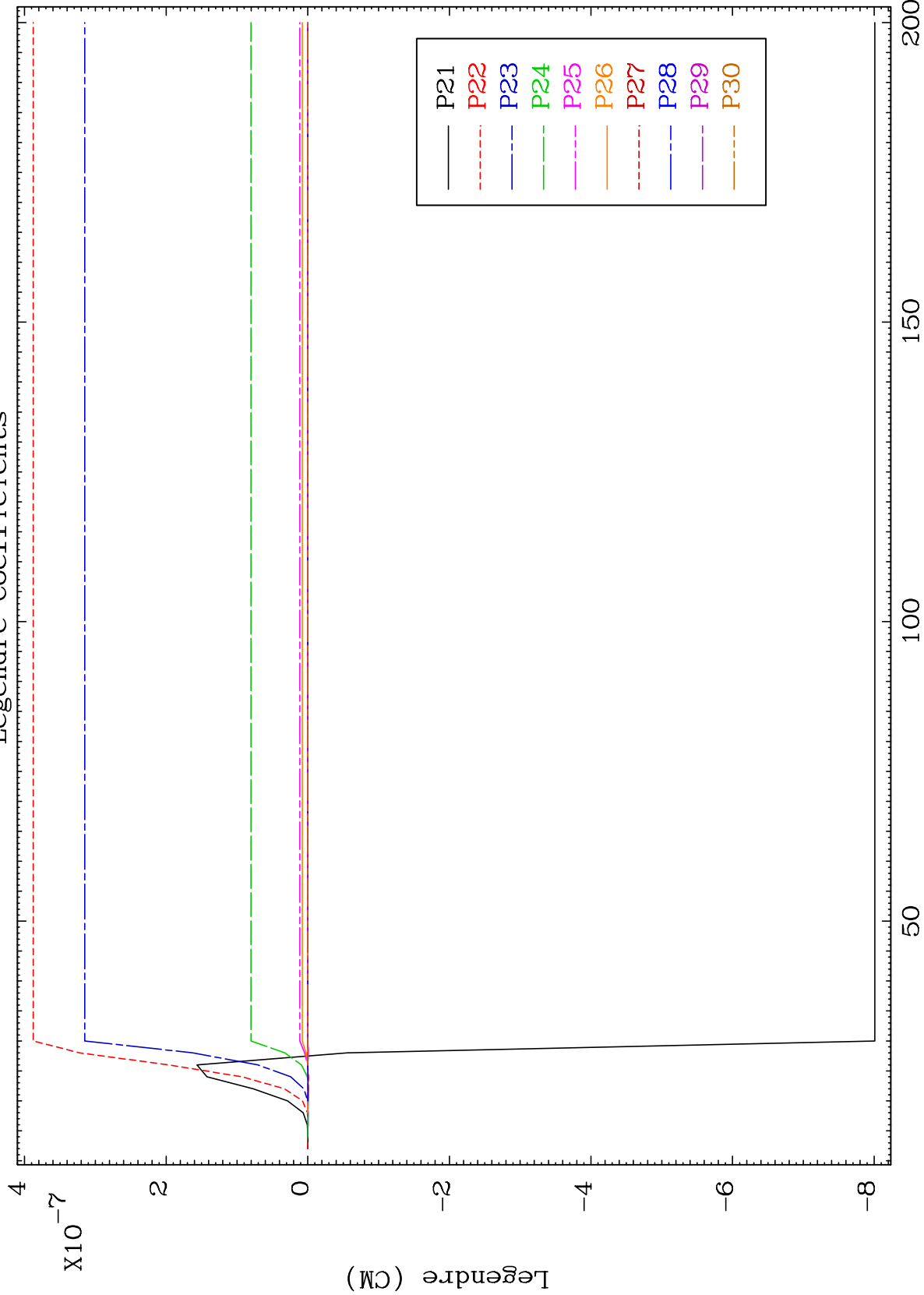
54-Xe-115

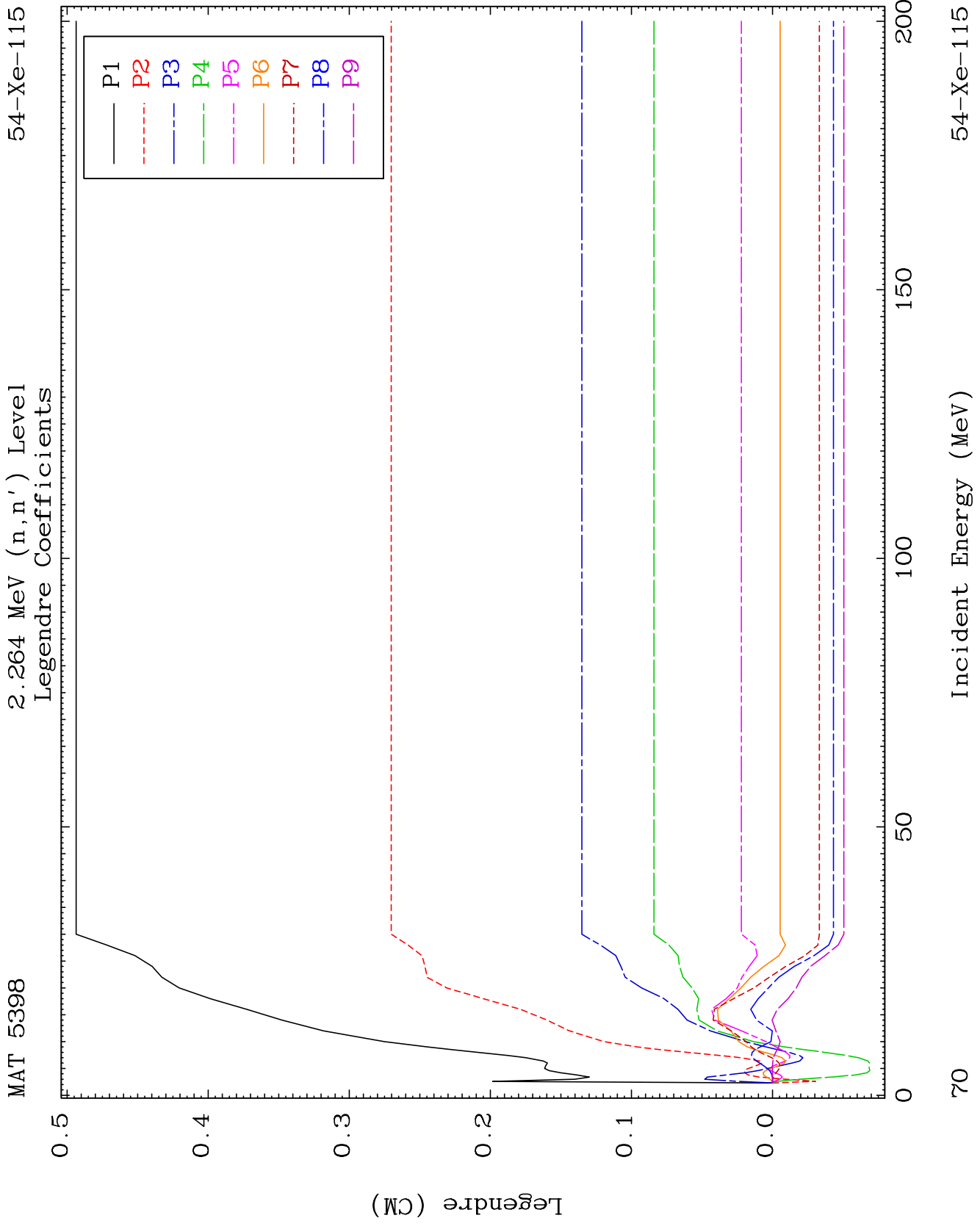


68

Incident Energy (MeV)

54-Xe-115

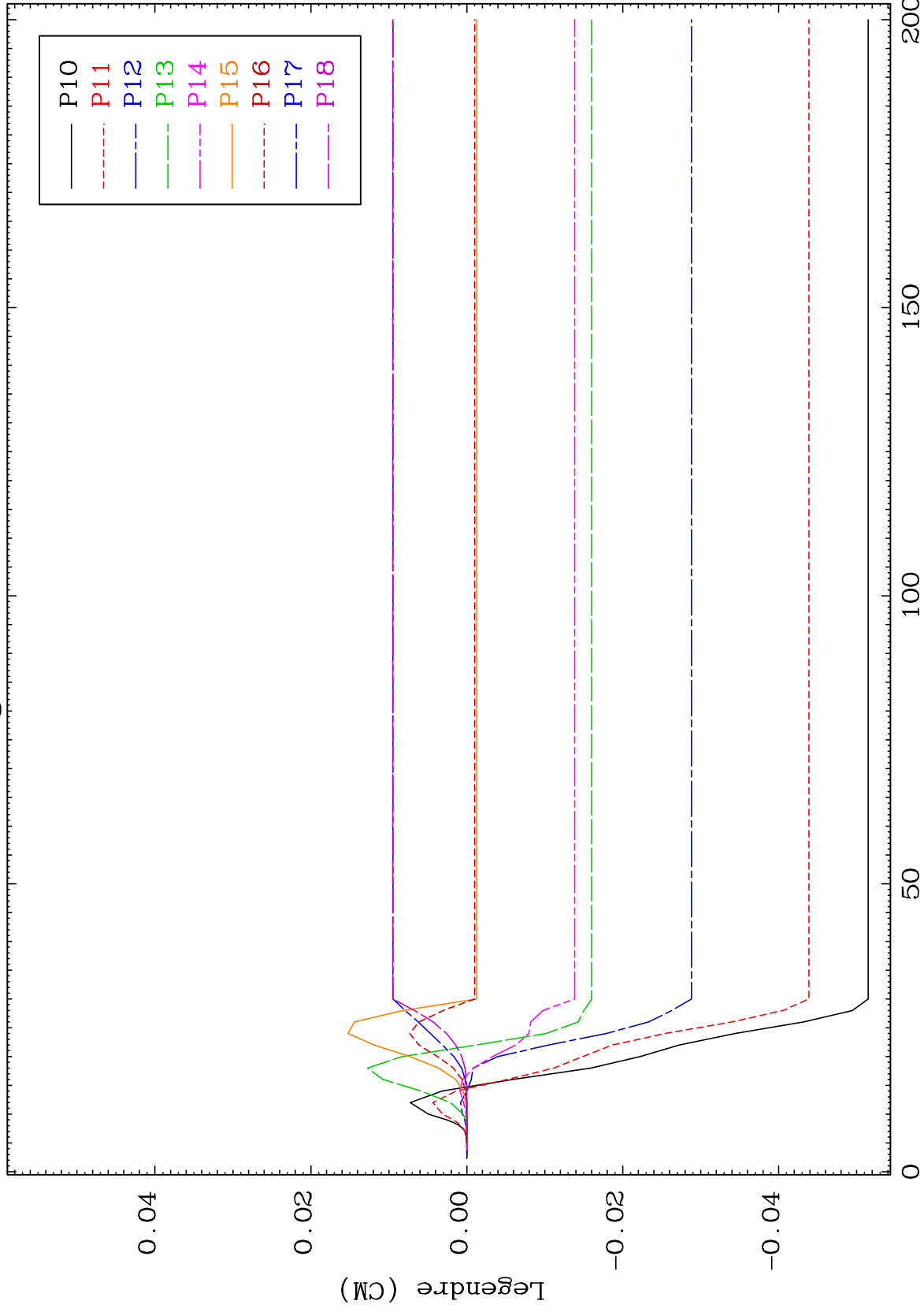




MAT 5398

2.264 MeV (n,n') Level
Legendre Coefficients

54-Xe-115



71

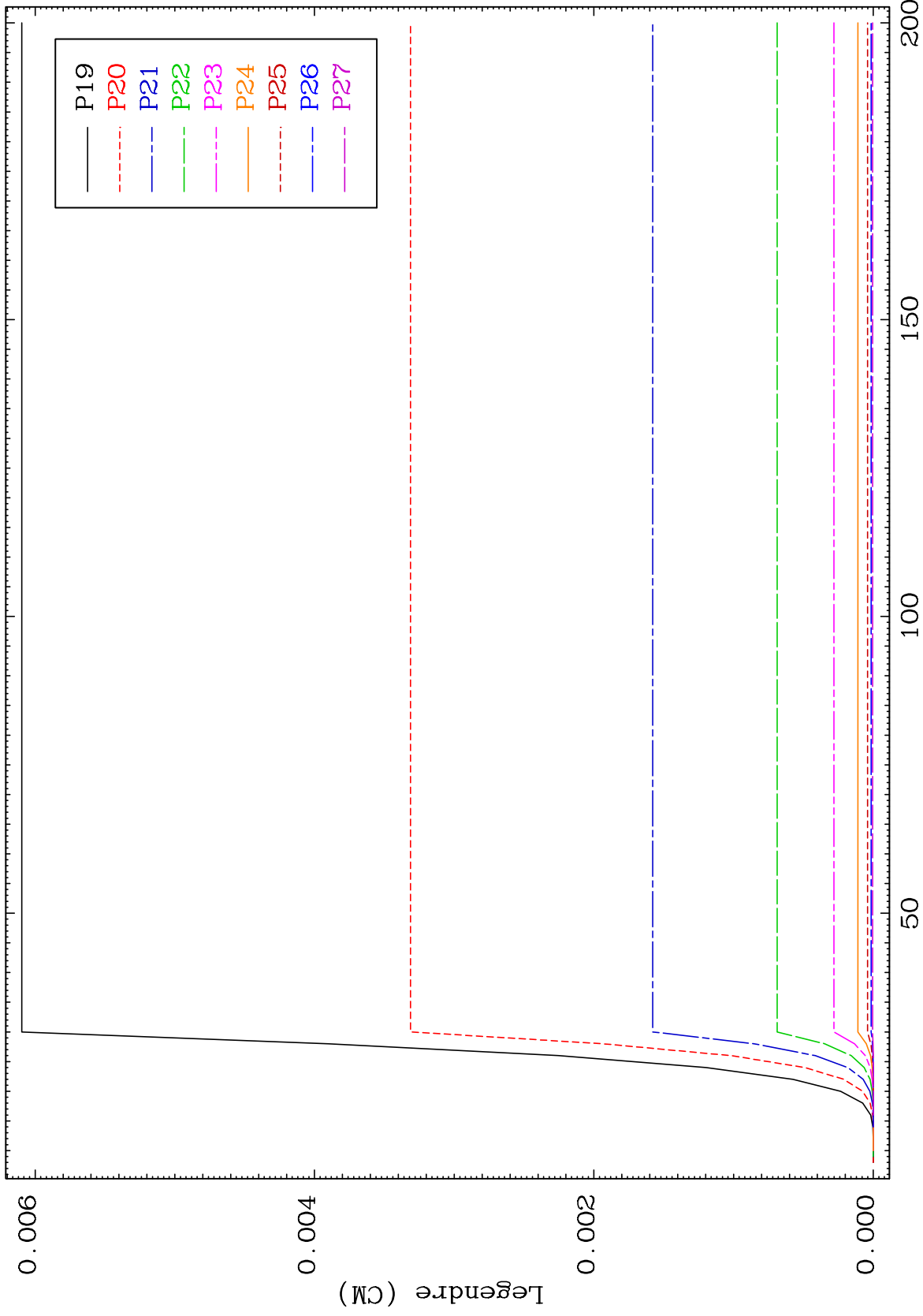
Incident Energy (MeV)

54-Xe-115

MAT 5398

2.264 MeV (n,n') Level
Legendre Coefficients

54-Xe-115



72

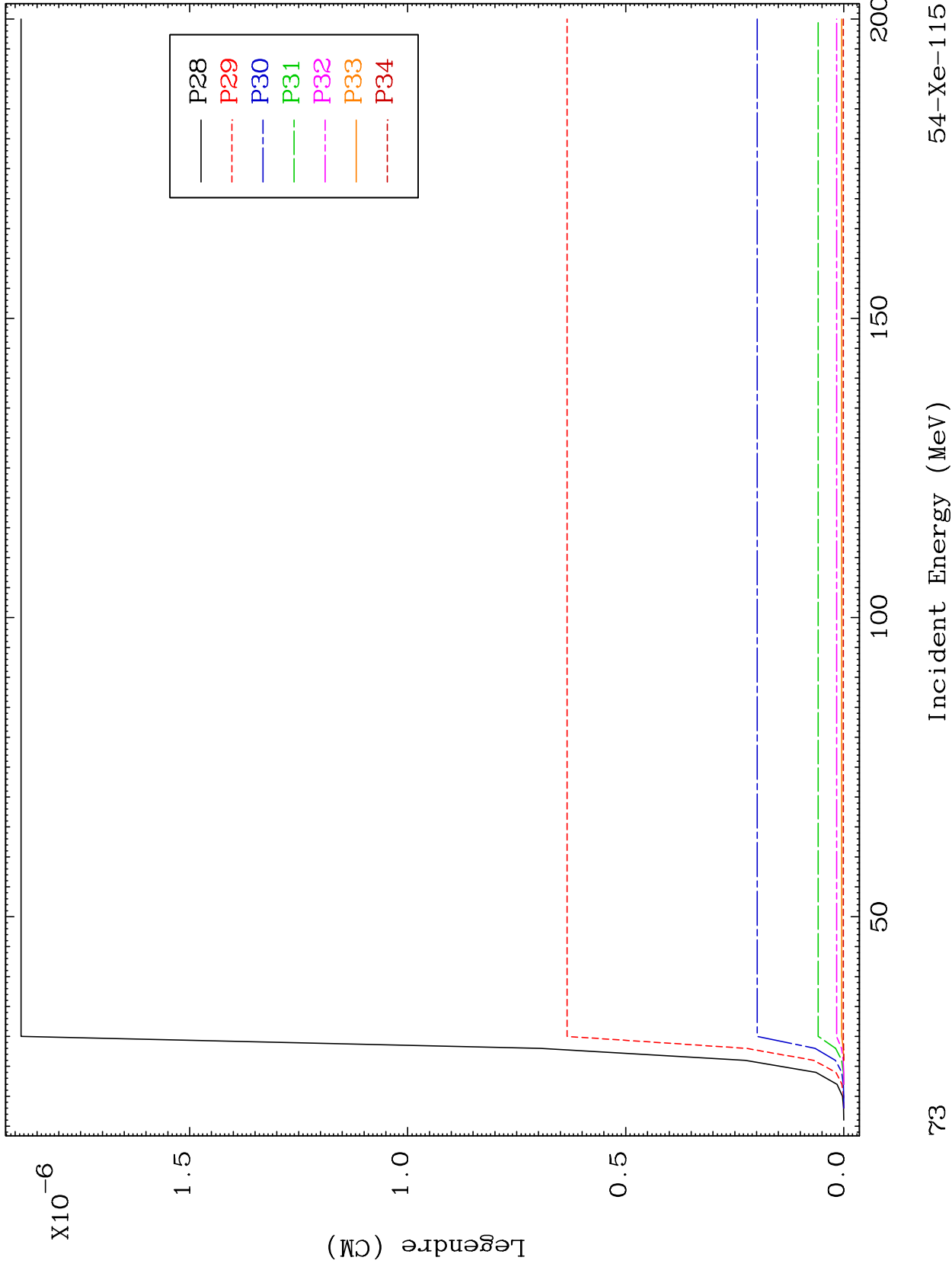
Incident Energy (MeV)

54-Xe-115

MAT 5398

2.264 MeV (n,n') Level
Legendre Coefficients

54-Xe-115

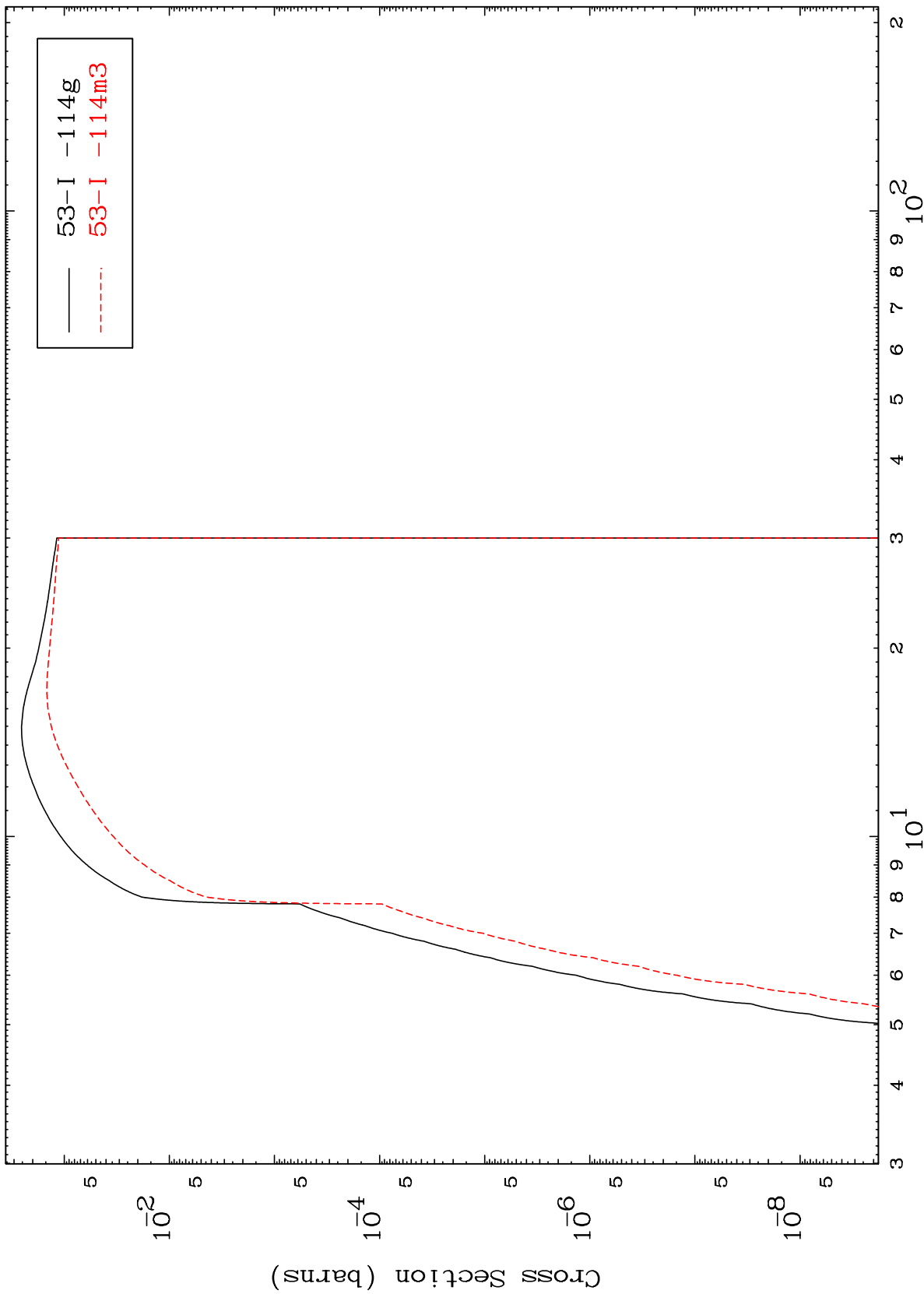


MAT 5398

(n,n') p

54-Xe-115

Radionuclide Production Cross Section



74

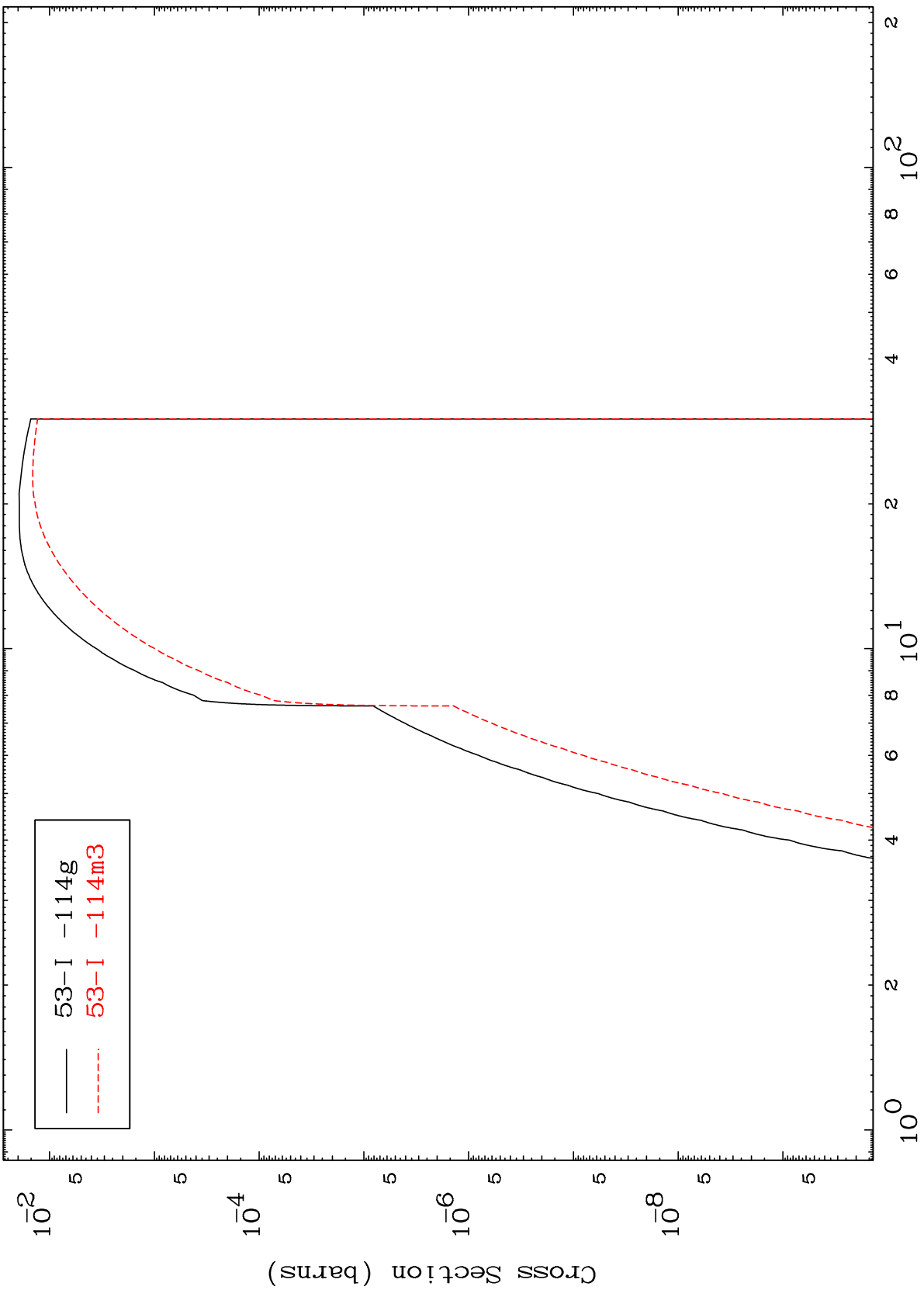
Incident Energy (MeV)

54-Xe-115

MAT 5398

54-Xe-115

(n,d)
Radionuclide Production Cross Section



53-I -114g
53-I -114m3

54-Xe-115

Incident Energy (MeV)

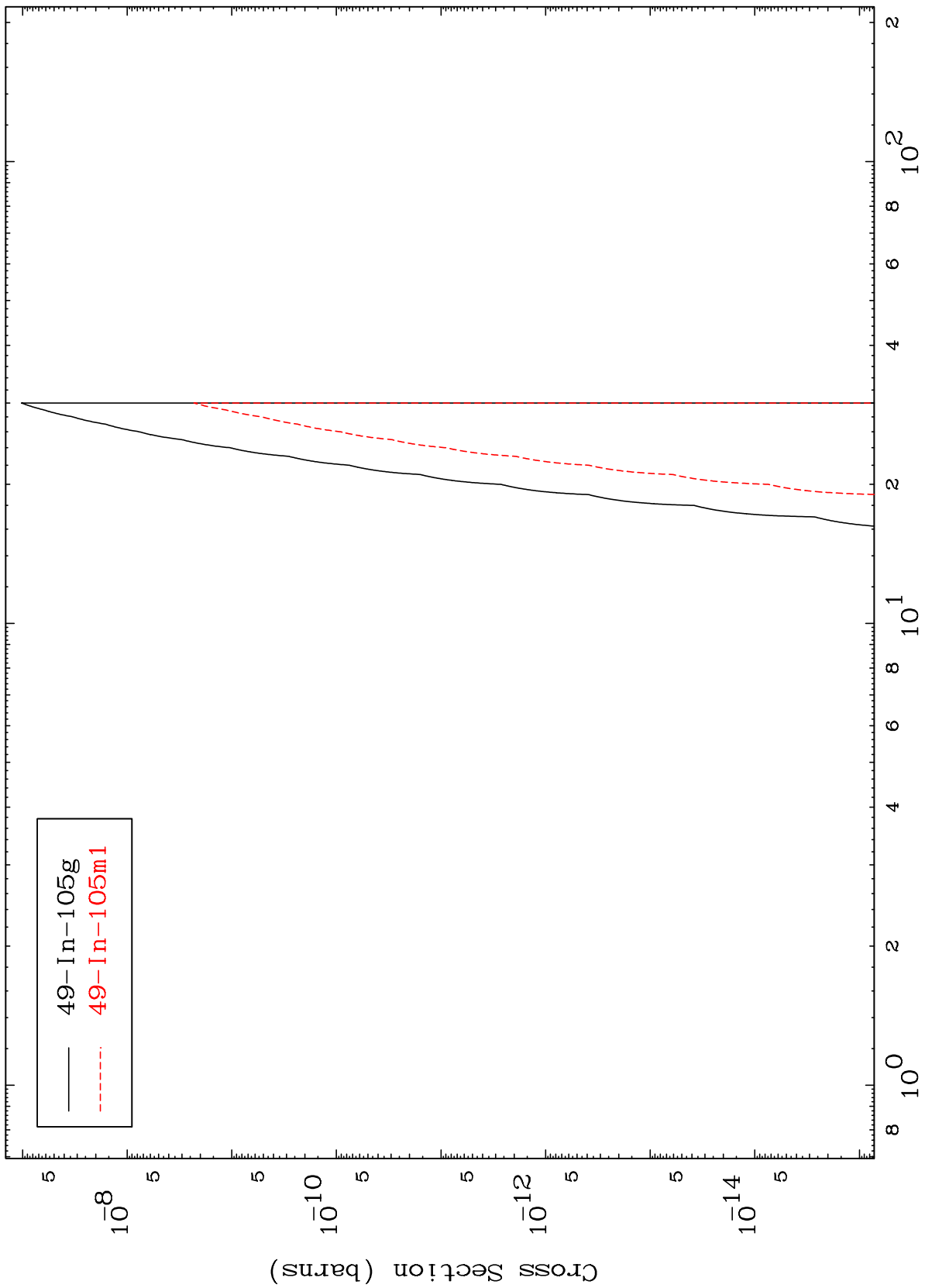
75

MAT 5398

(n,t) 2 α

54-Xe-115

Radionuclide Production Cross Section



— 49-In-105g
- - - 49-In-105m1

76

Incident Energy (MeV)

54-Xe-115

MAT 5398

(n,d) 2 α

54-Xe-115

Radionuclide Production Cross Section

