

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

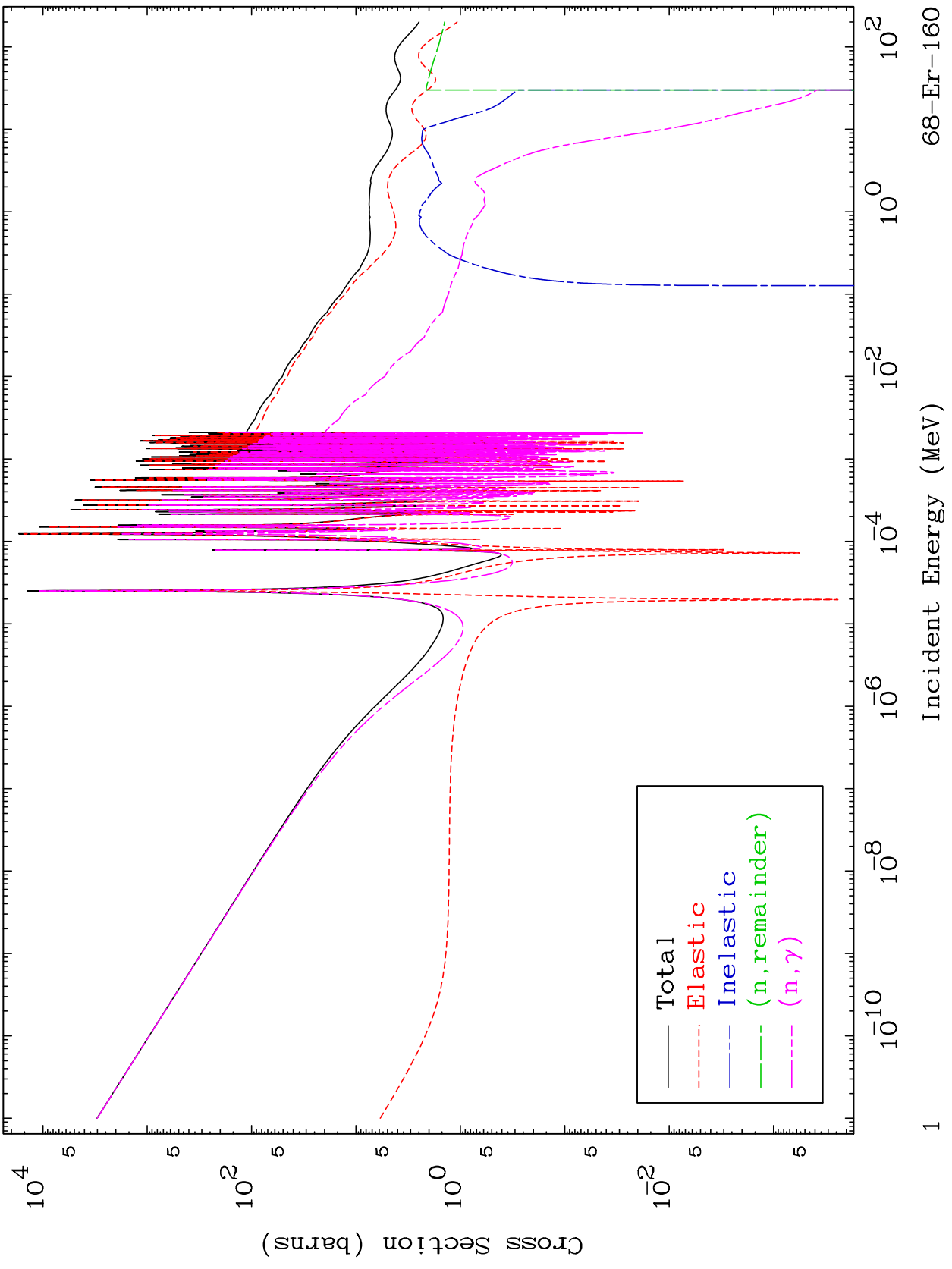
Press Mouse Button to Start

MAT 6819

Major

293 Kelvin Cross Sections

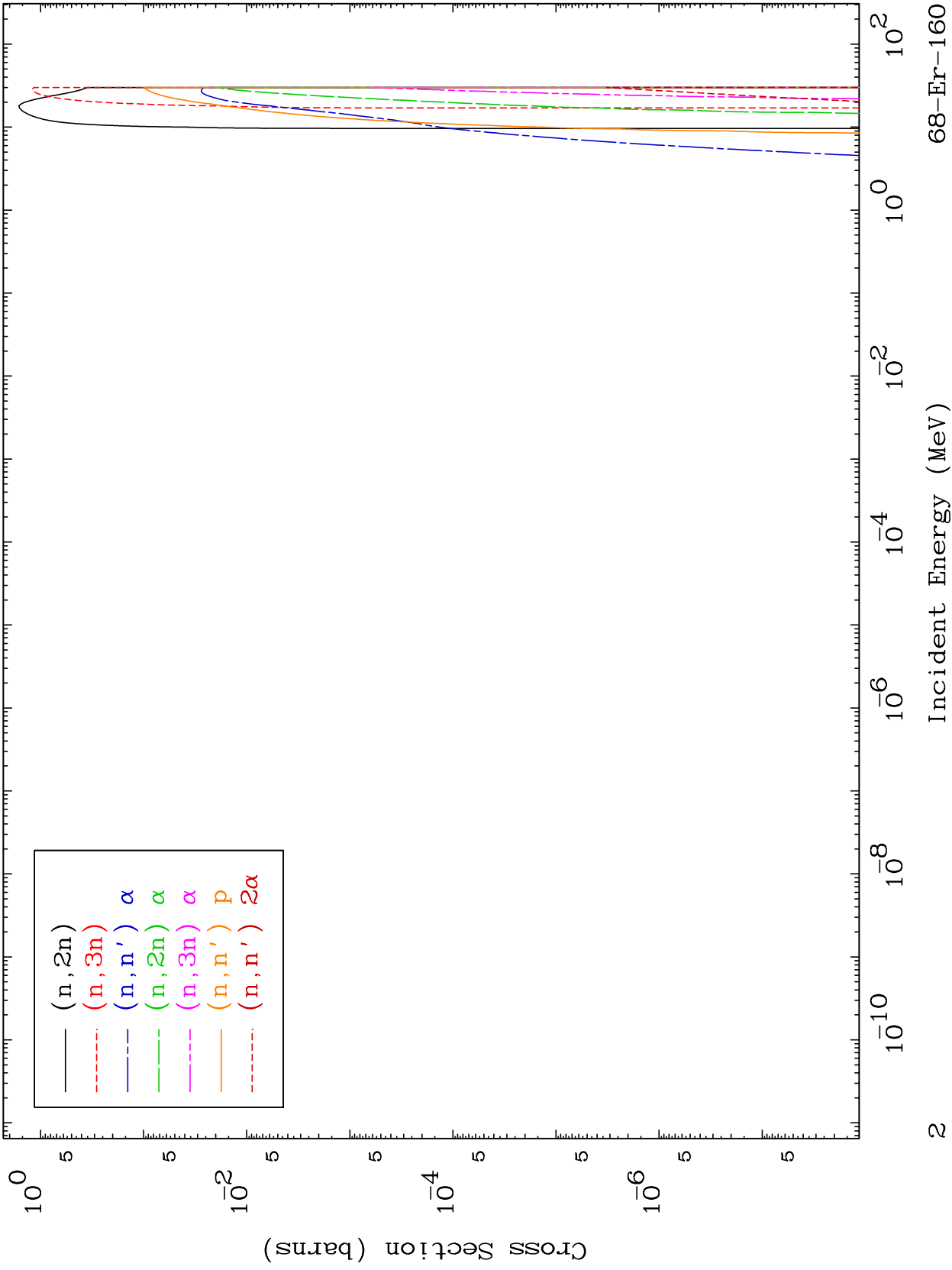
68-Er-160

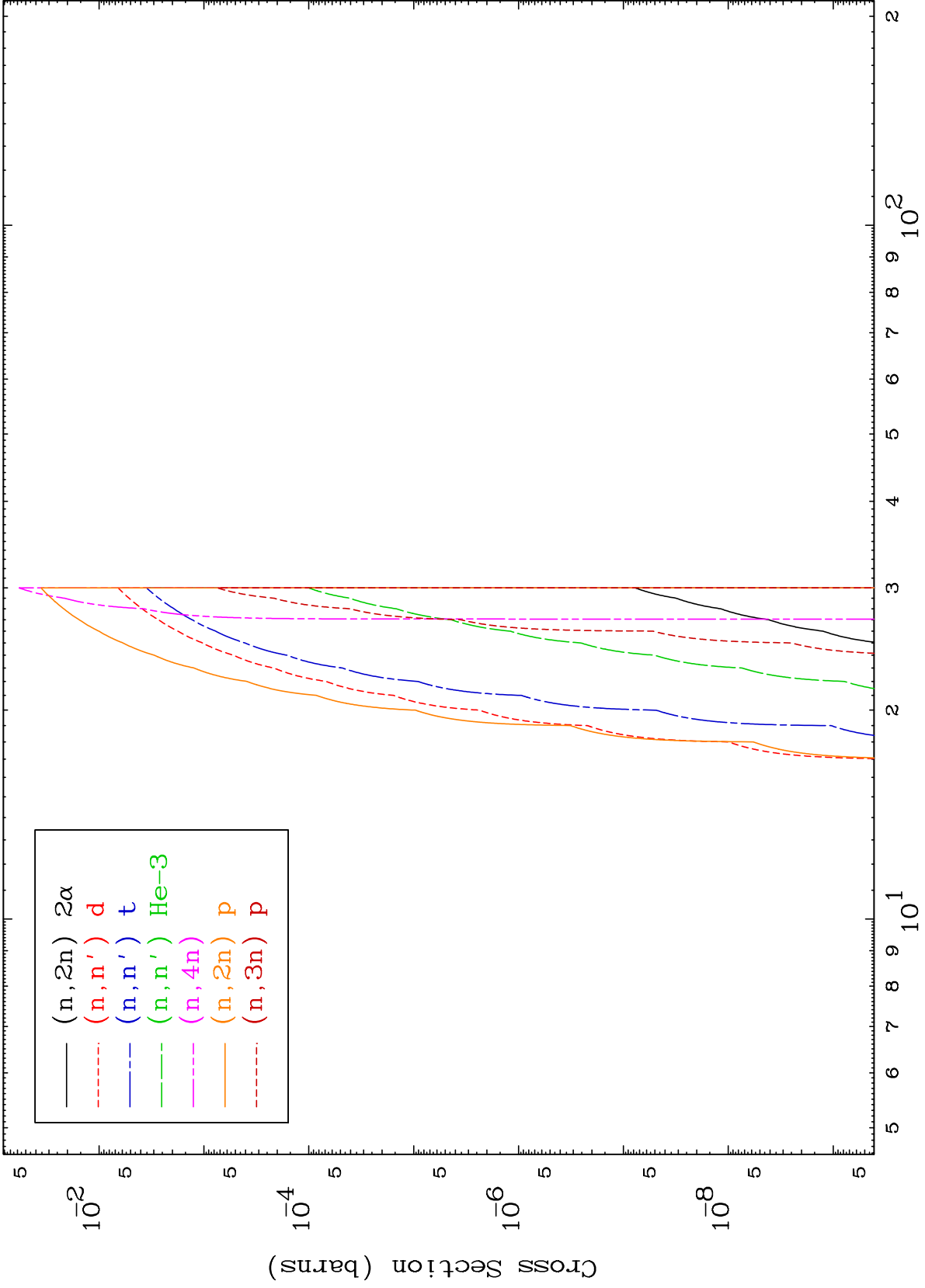


MAT 6819

Neutron Production
293 Kelvin Cross Sections

68-Er-160

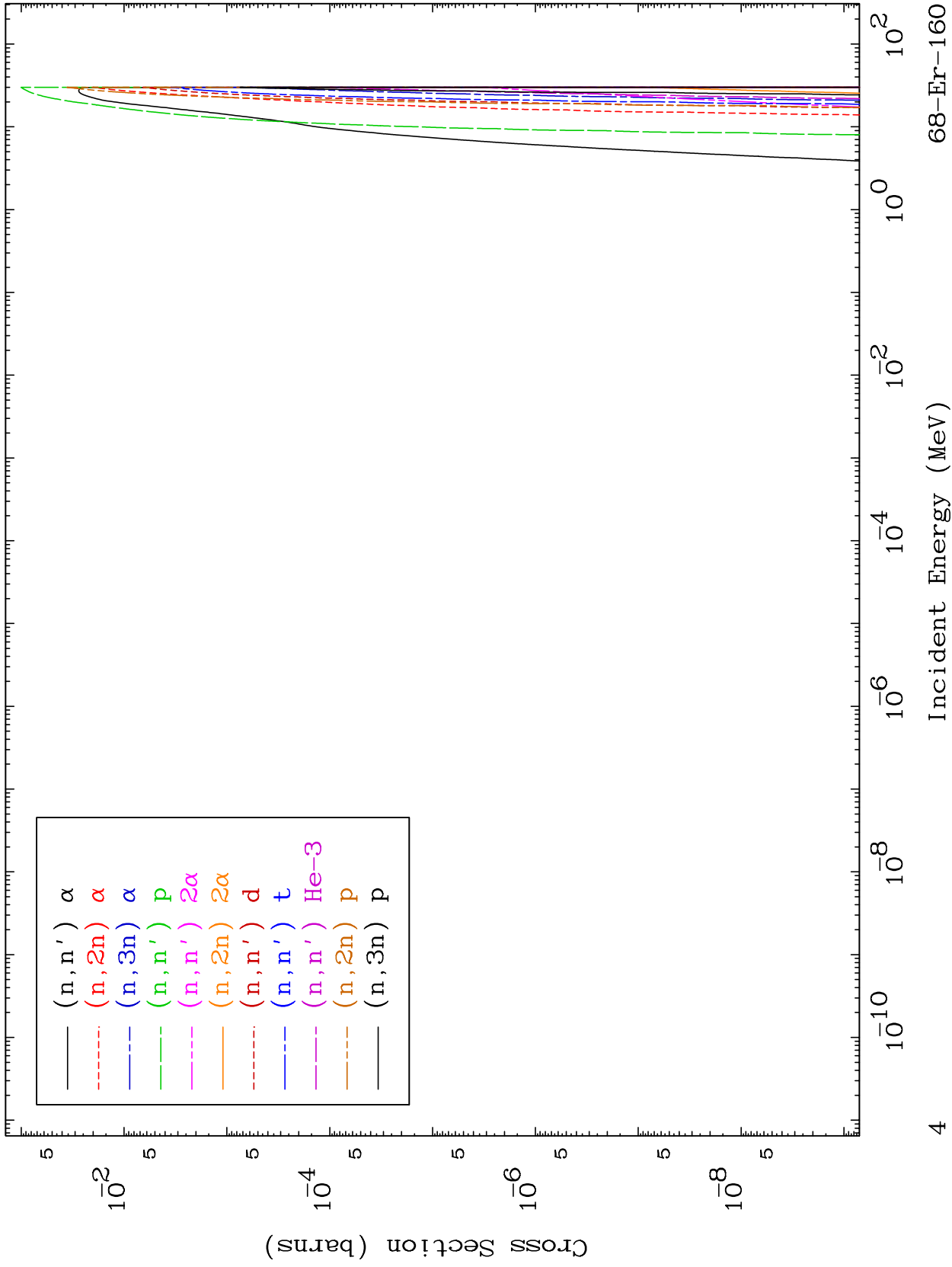




MAT 6819

Charged Particle
293 Kelvin Cross Sections

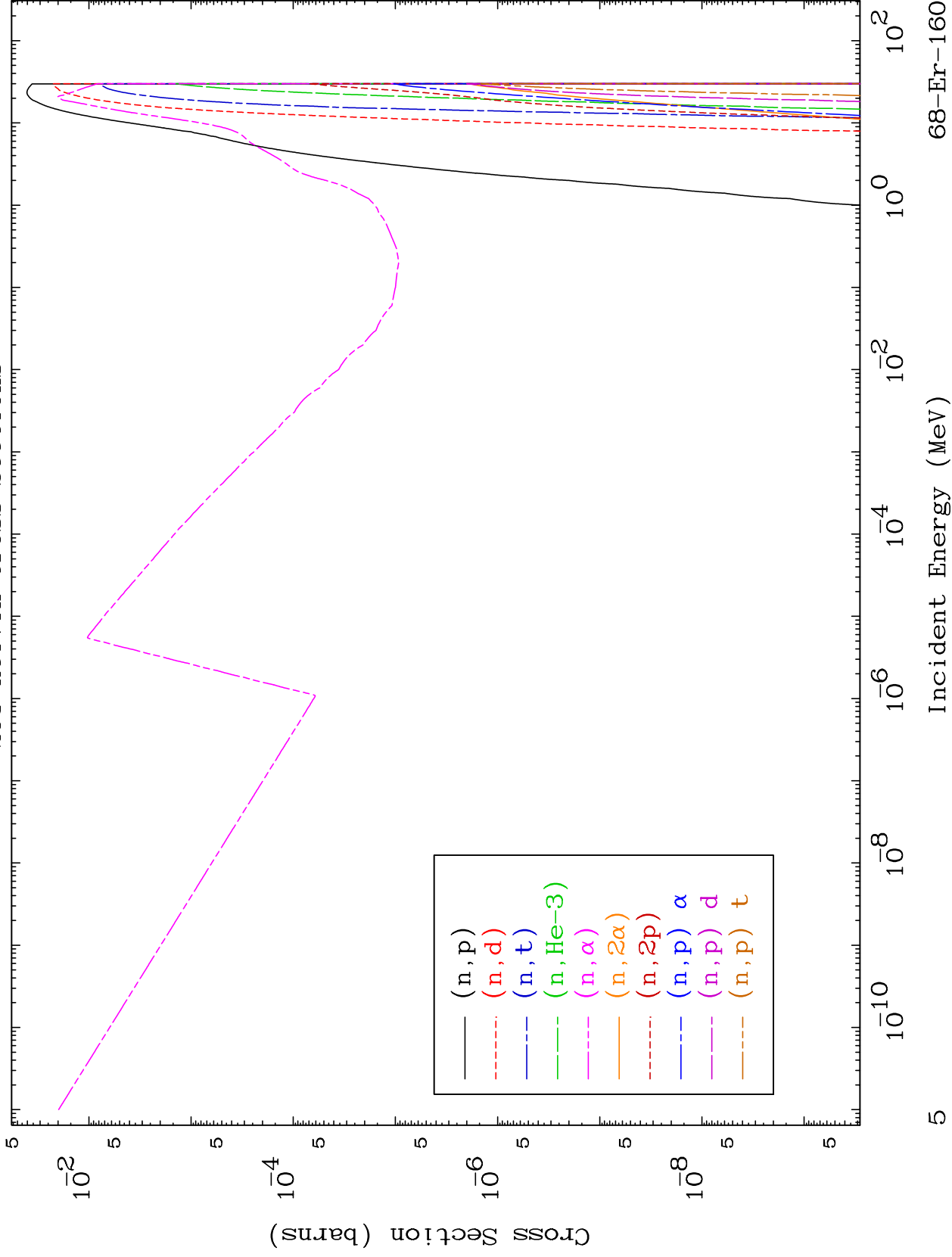
68-Er-160

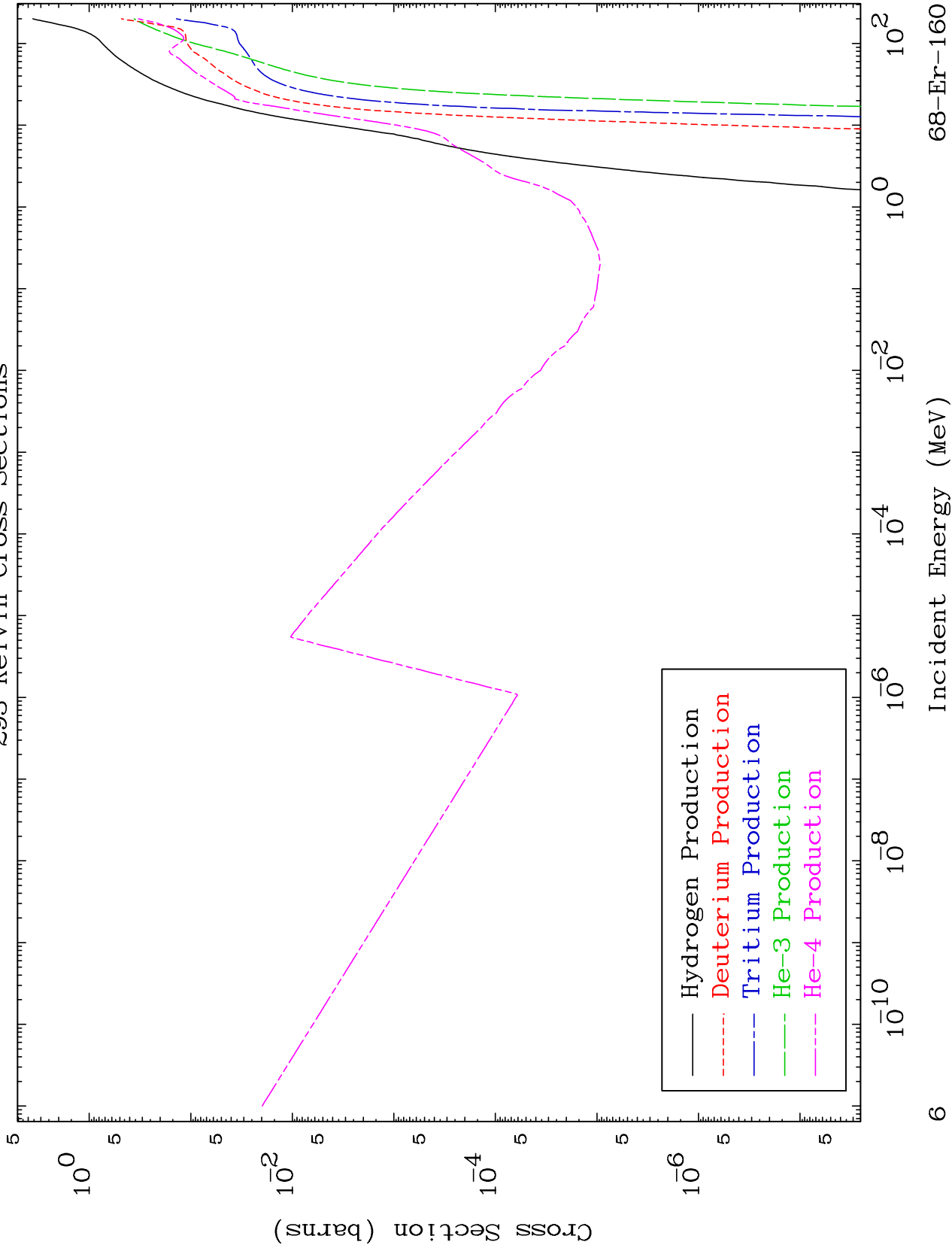


MAT 6819

Charged Particle
293 Kelvin Cross Sections

68-Er-160



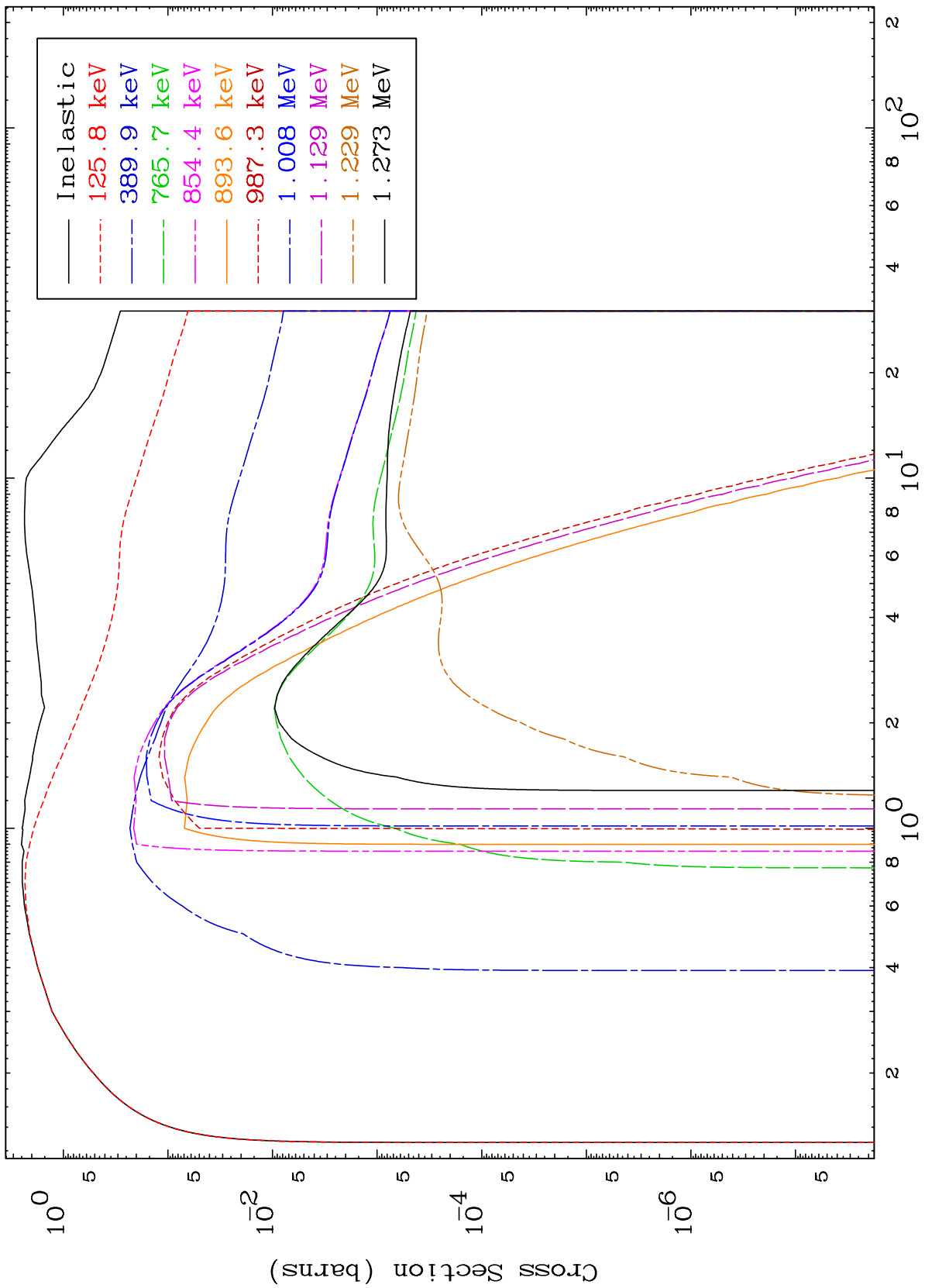


MAT 6819

(n,n') Level

68-Er-160

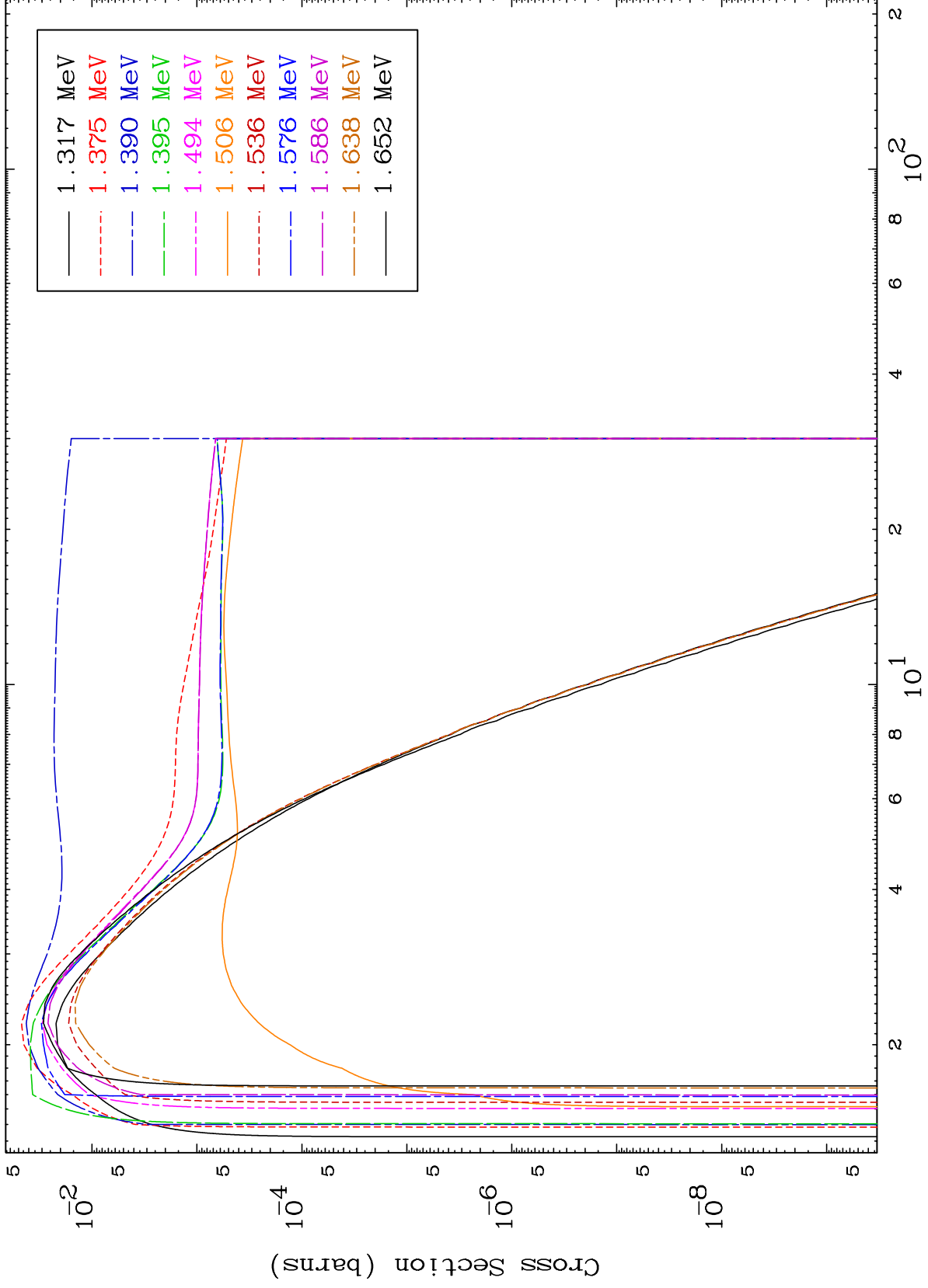
293 Kelvin Cross Sections



MAT 6819

(n,n') Level
293 Kelvin Cross Sections

68-Er-160

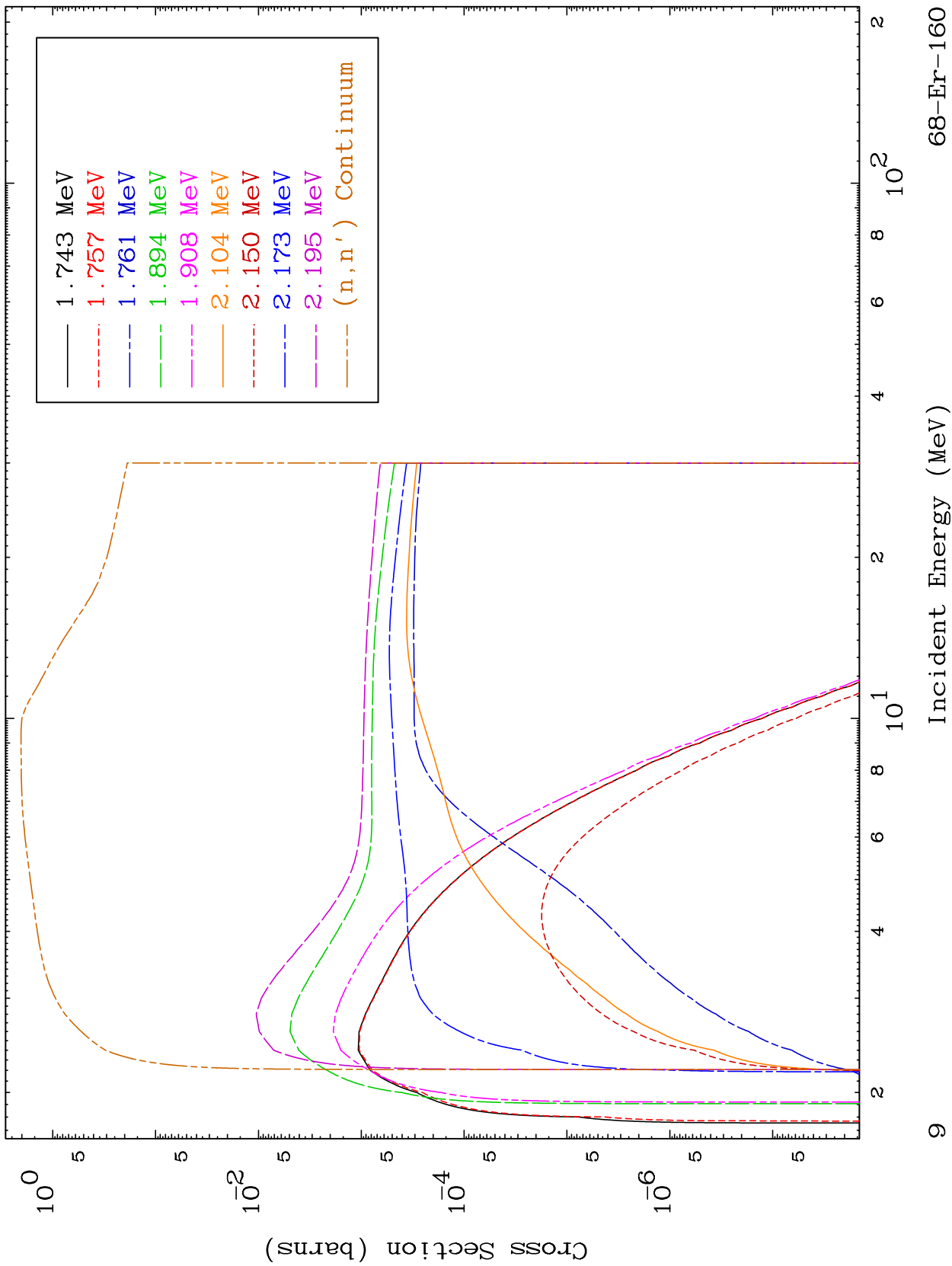


8

Incident Energy (MeV)

68-Er-160

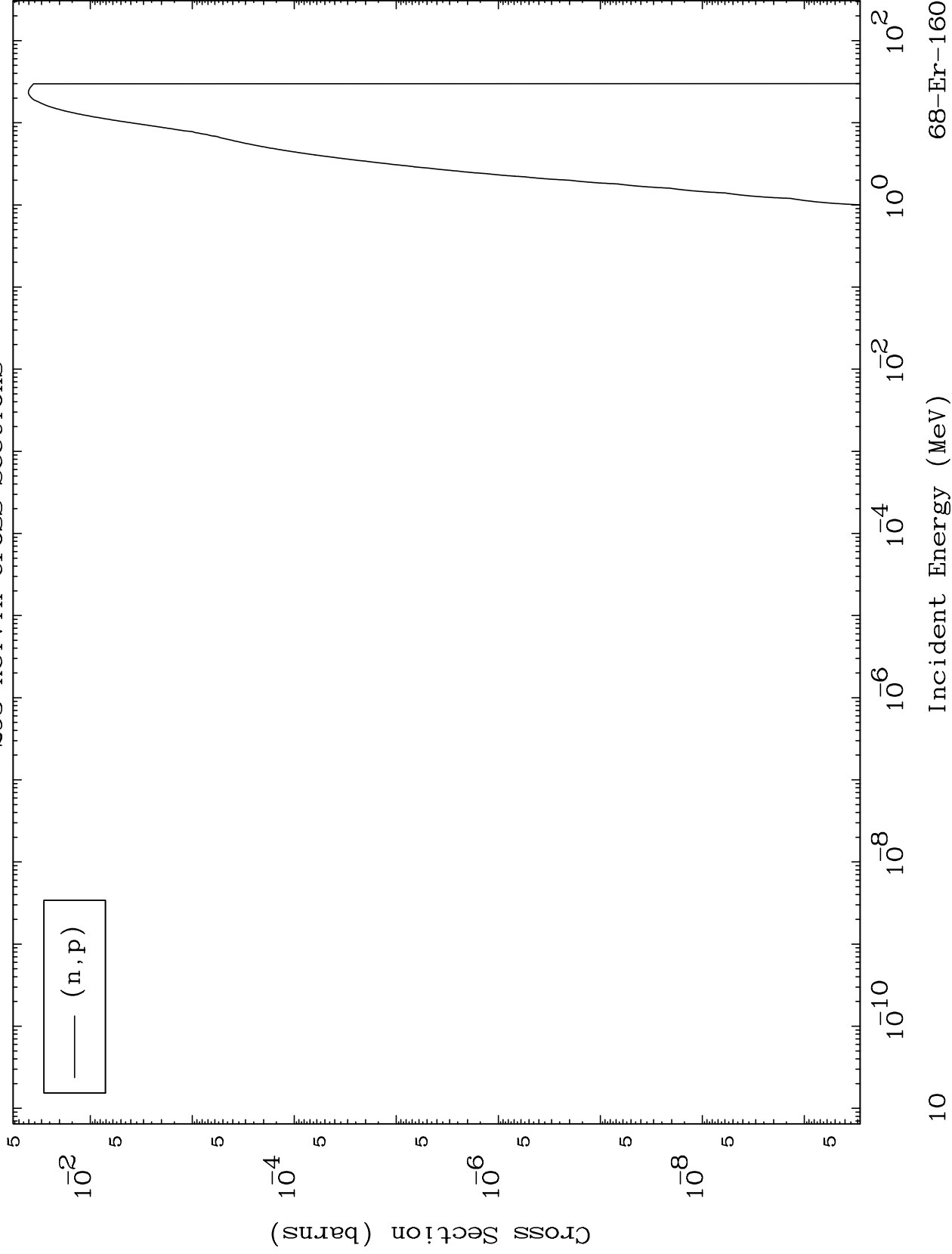
293 Kelvin Cross Sections



MAT 6819

(n,p) Levels
293 Kelvin Cross Sections

68-Er-160



10

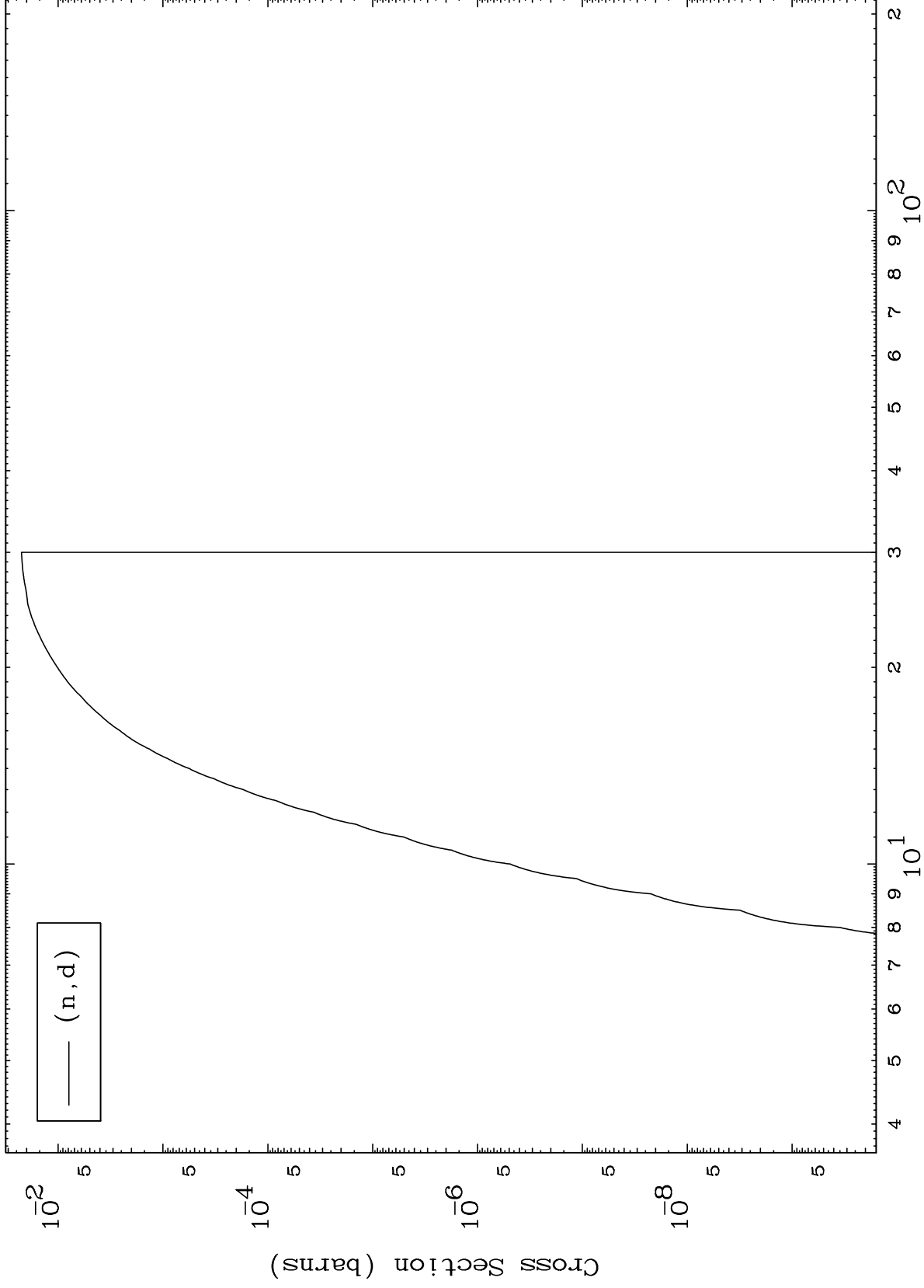
Incident Energy (MeV)

68-Er-160

MAT 6819

(n,d) Levels
293 Kelvin Cross Sections

68-Er-160



11

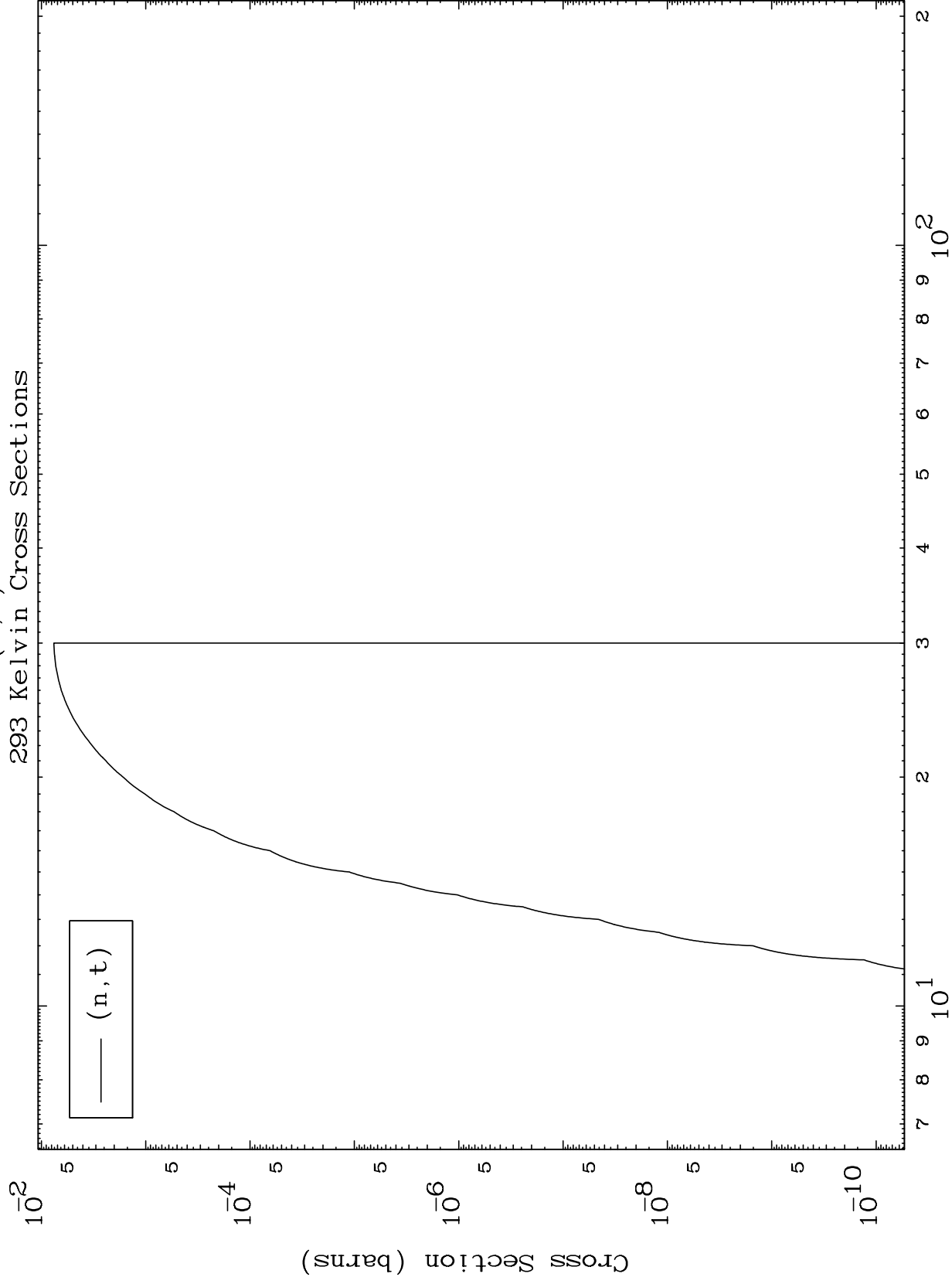
Incident Energy (MeV)

68-Er-160

MAT 6819

(n,t) Levels
293 Kelvin Cross Sections

68-Er-160



12

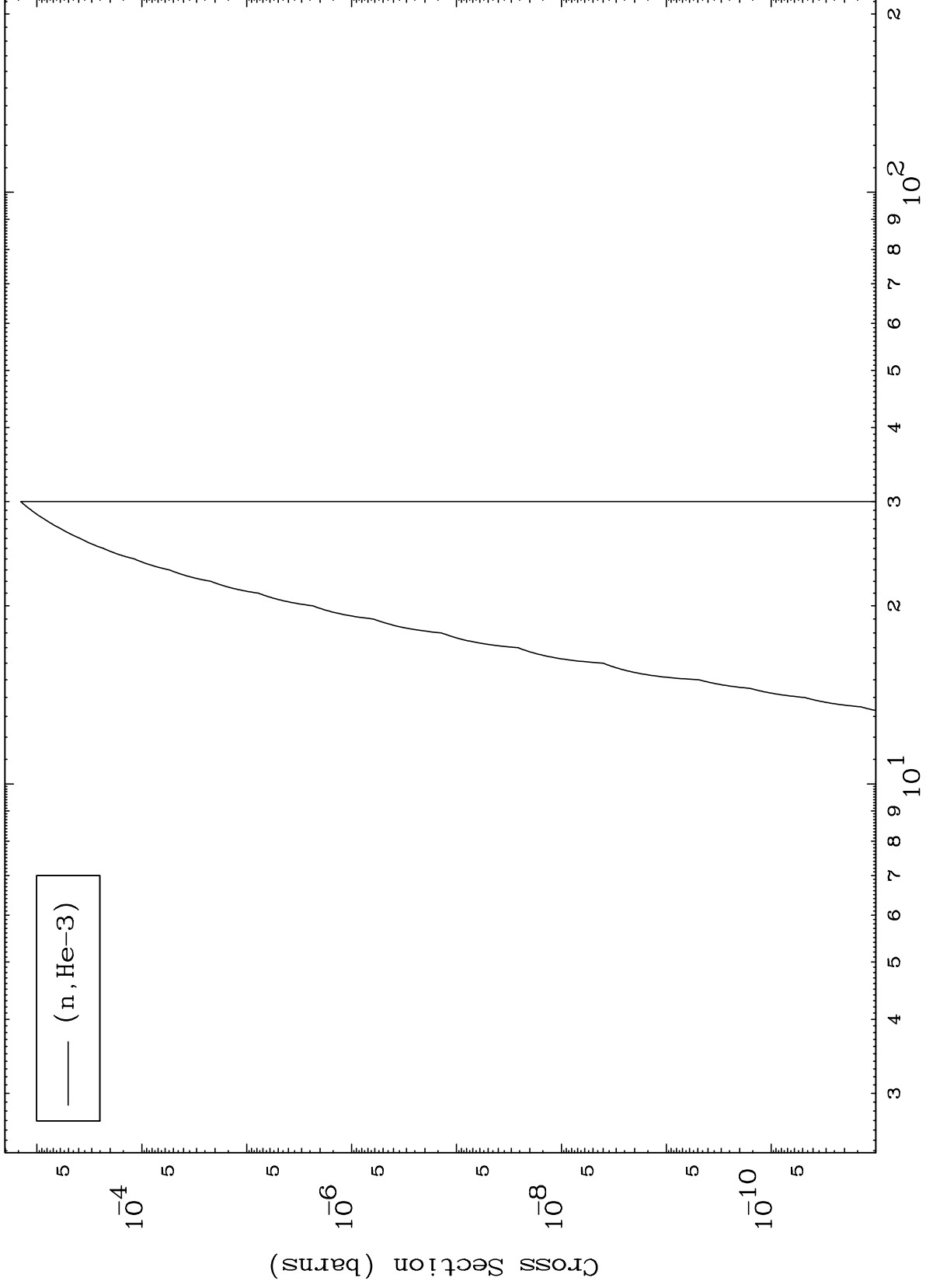
Incident Energy (MeV)

68-Er-160

MAT 6819

(n,He3) Levels
293 Kelvin Cross Sections

68-Er-160



13

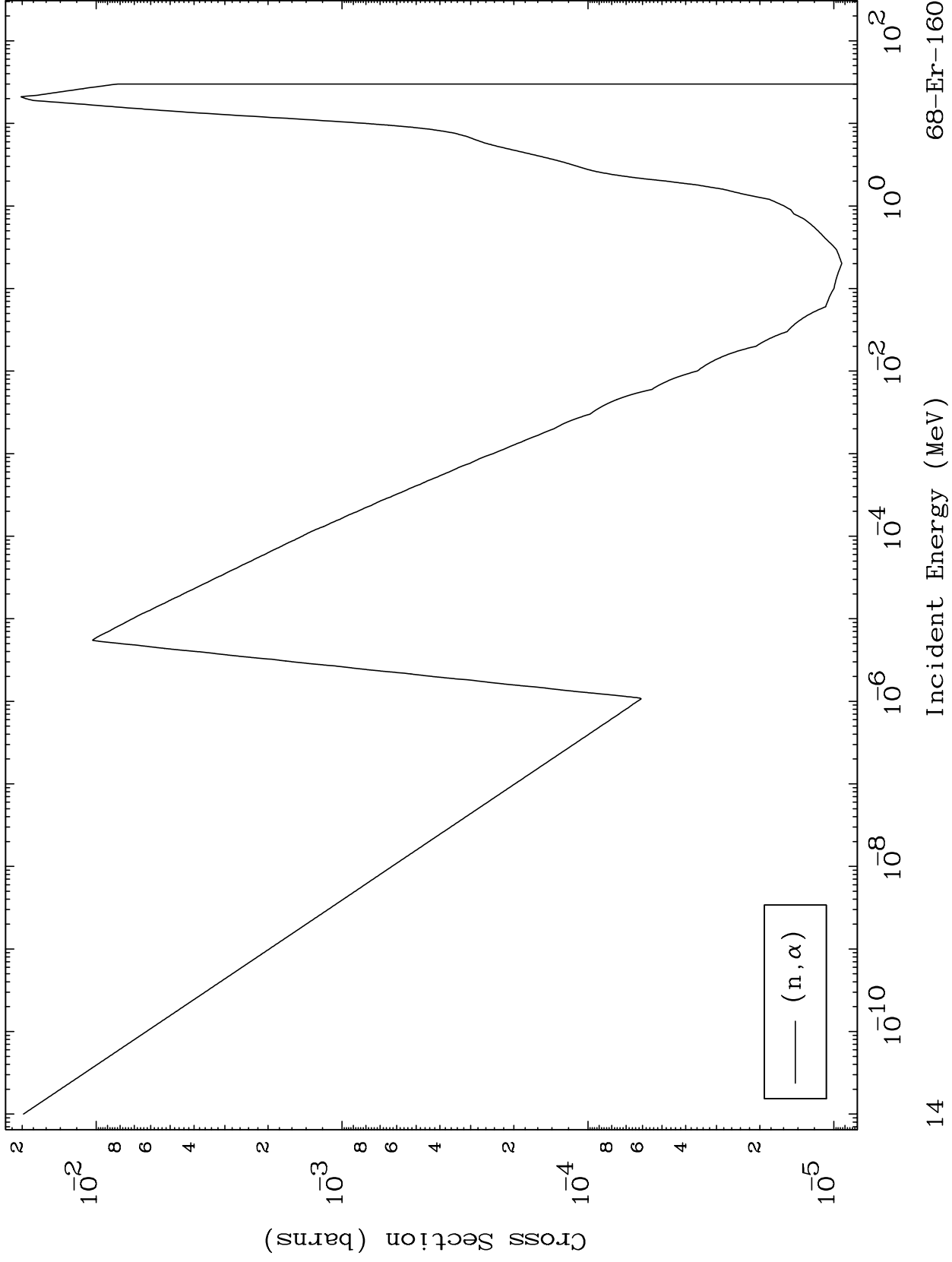
Incident Energy (MeV)

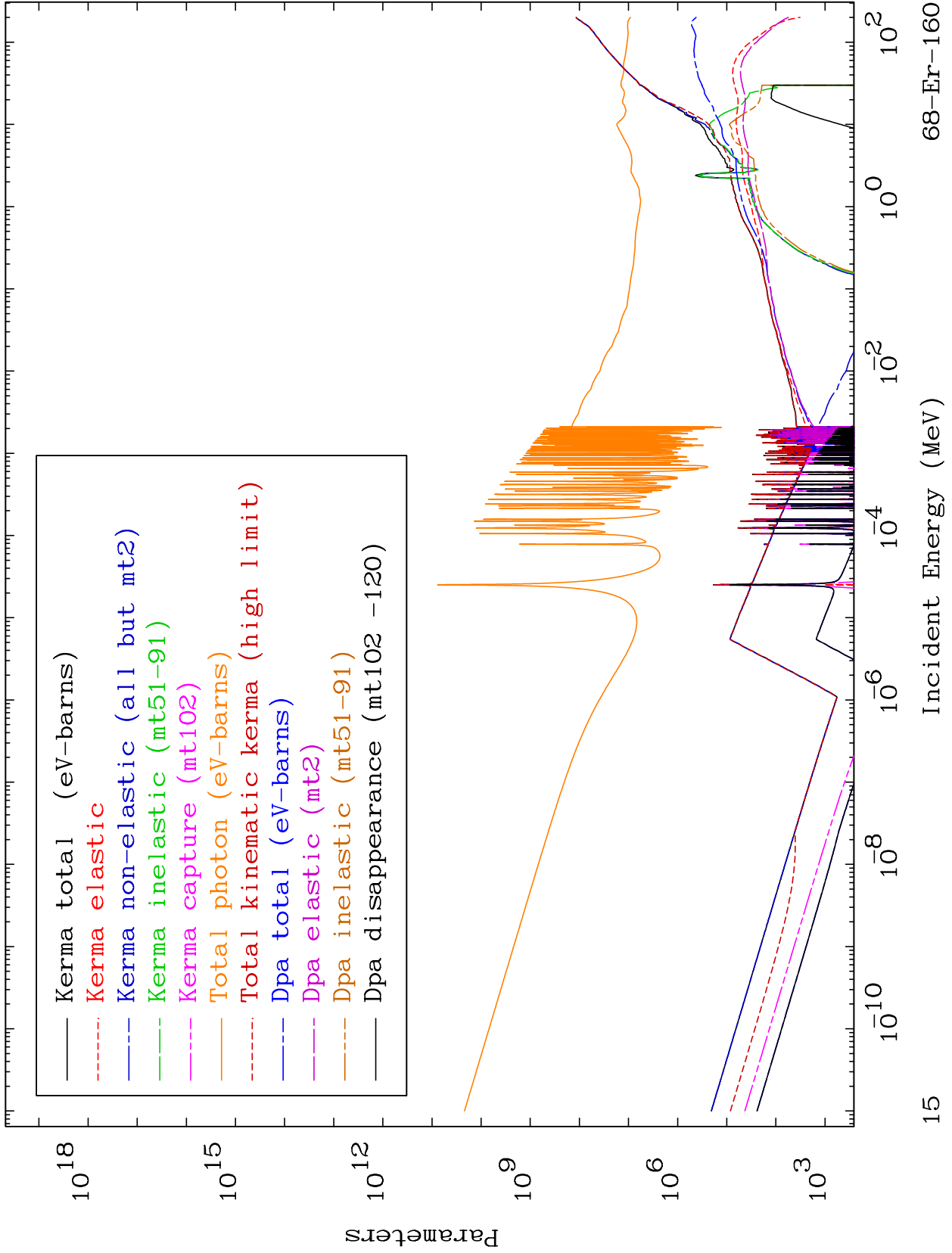
68-Er-160

MAT 6819

(n, α) Levels
293 Kelvin Cross Sections

68-Er-160

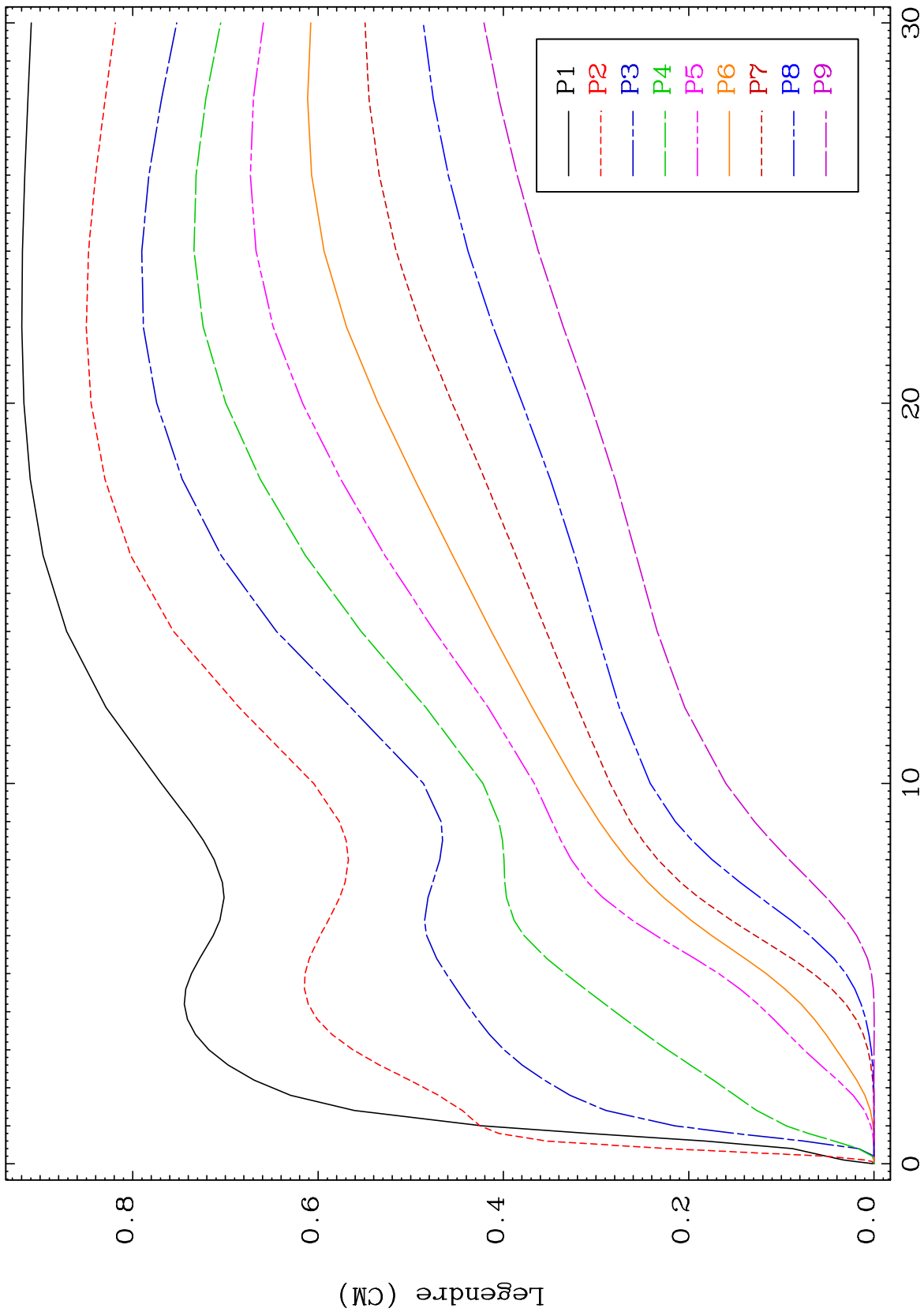




MAT 6819

68-Er-160

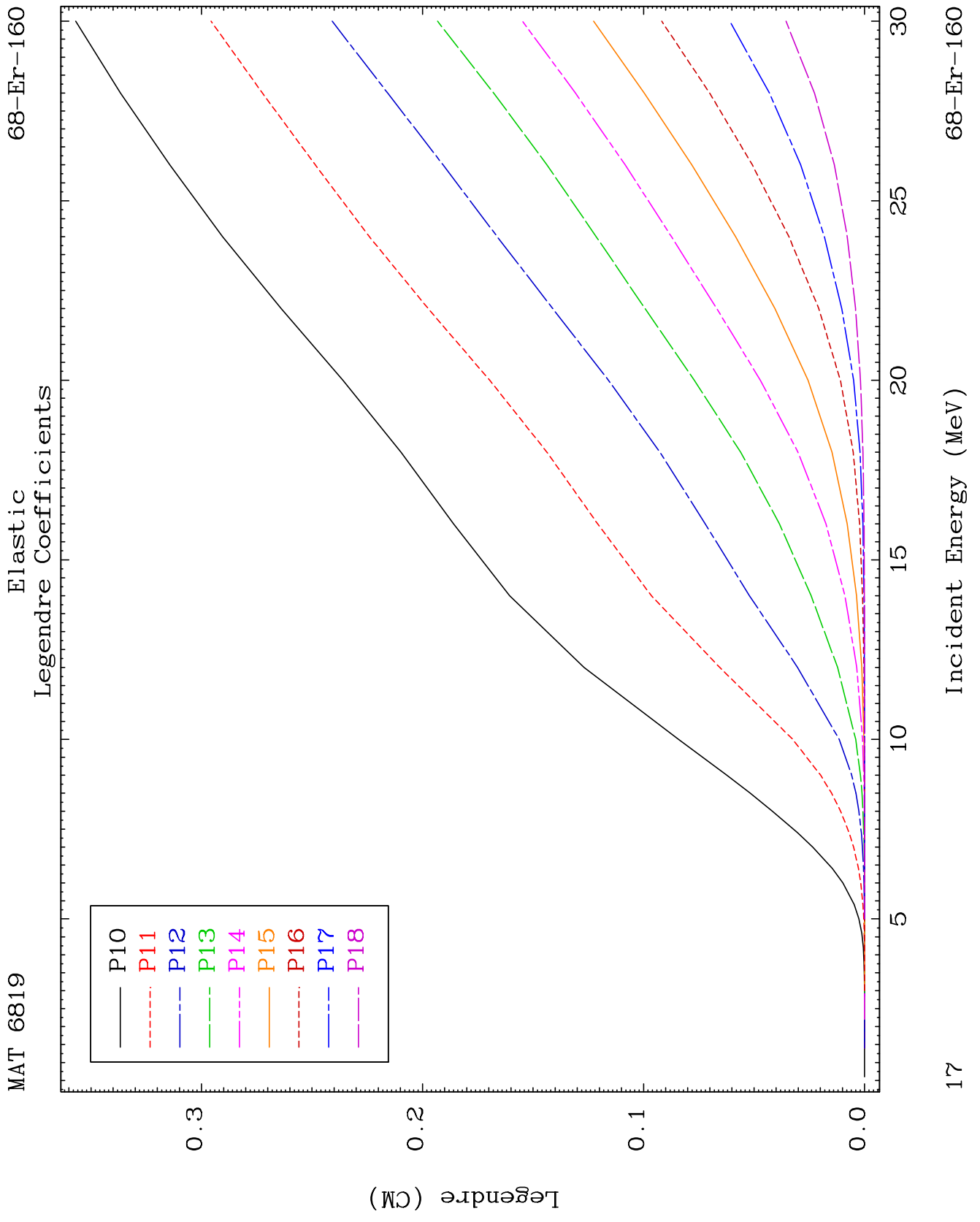
Elastic Legendre Coefficients



16

Incident Energy (MeV)

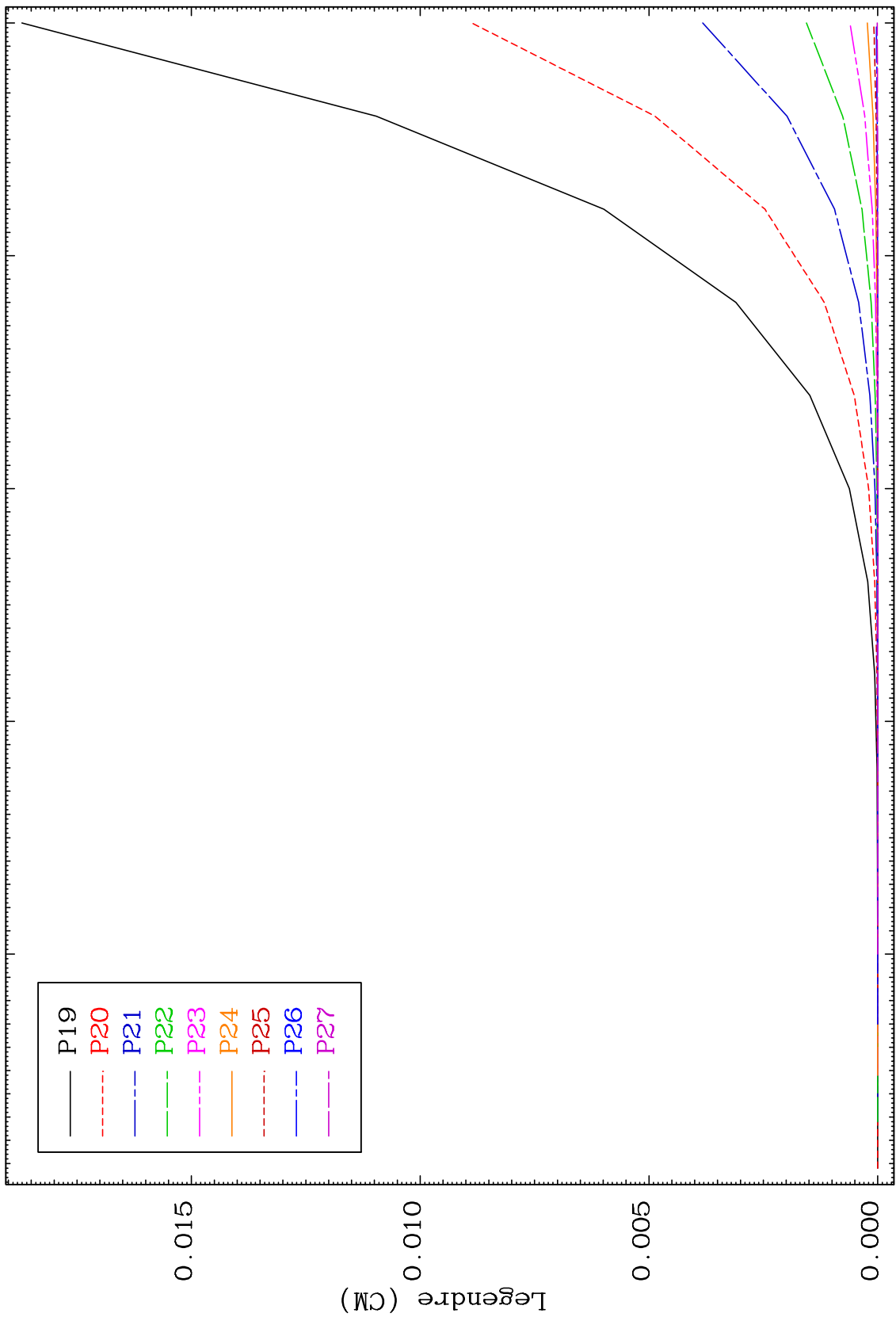
68-Er-160



MAT 6819

Elastic Legendre Coefficients

68-Er-160



18

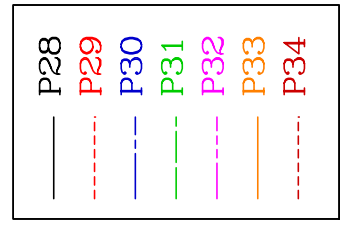
Incident Energy (MeV)

68-Er-160

MAT 6819

Elastic
Legendre Coefficients

68-Er-160



$\times 10^{-6}$

Legendre (CM)

10

15

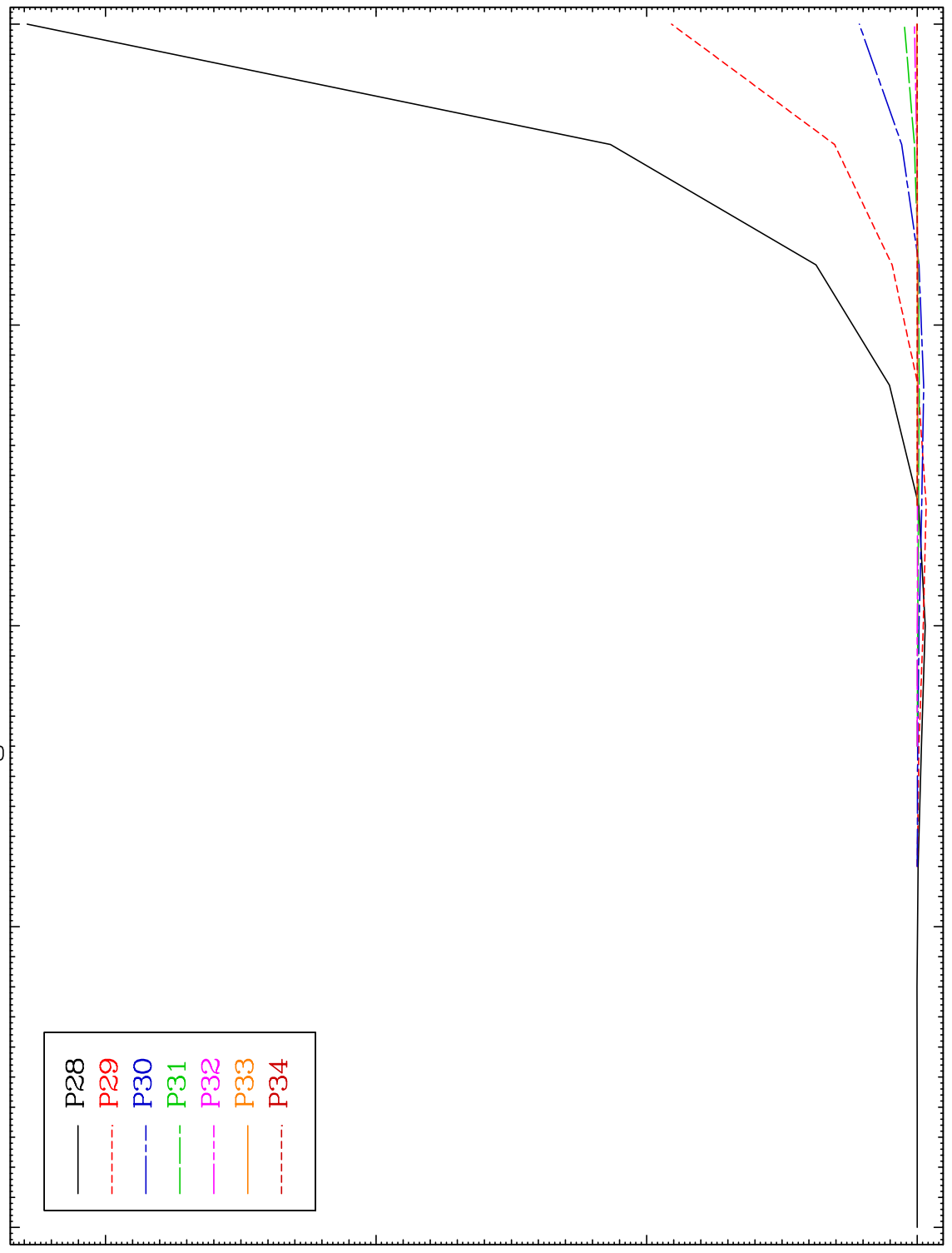
20

25

30

Incident Energy (MeV)

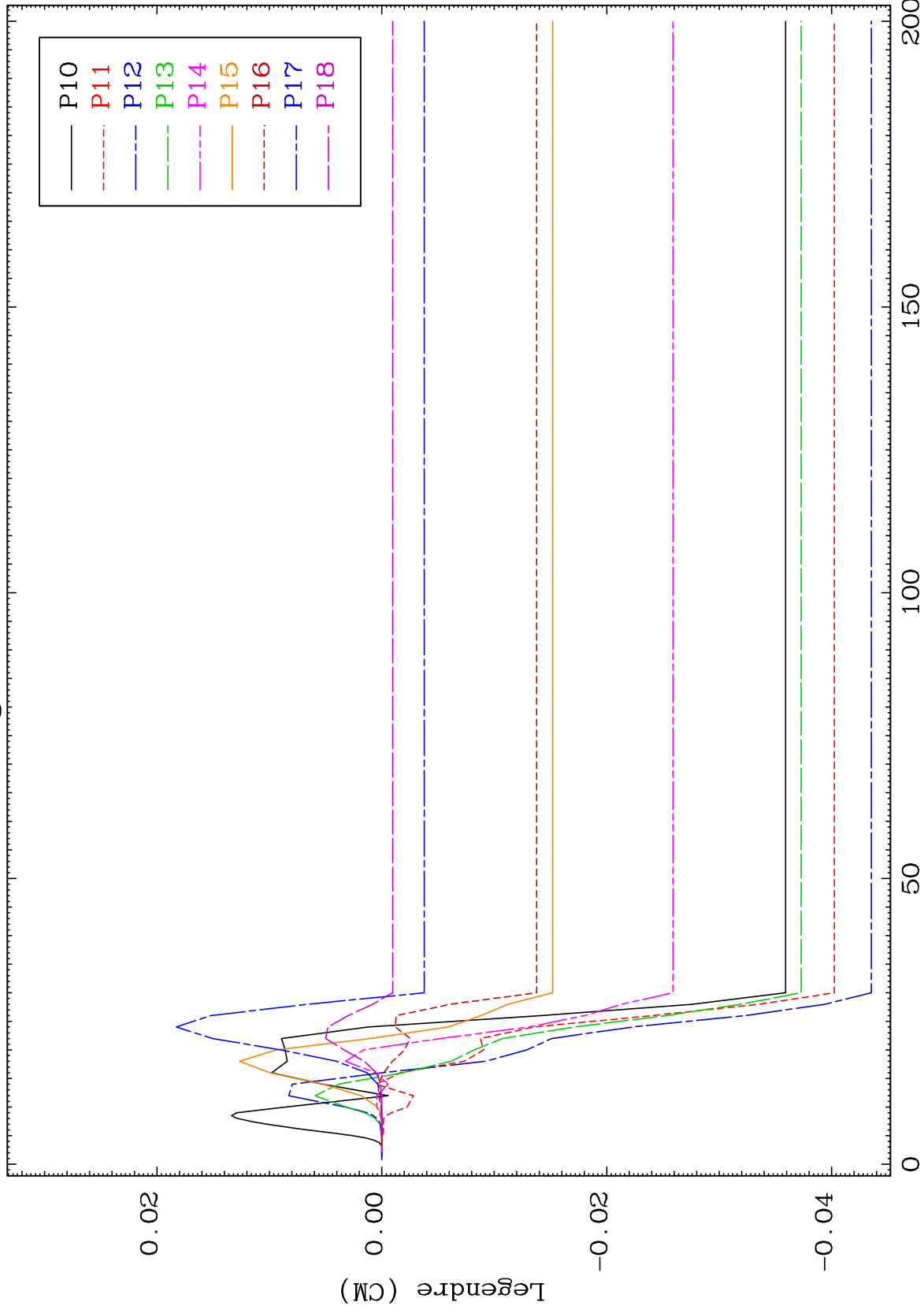
68-Er-160

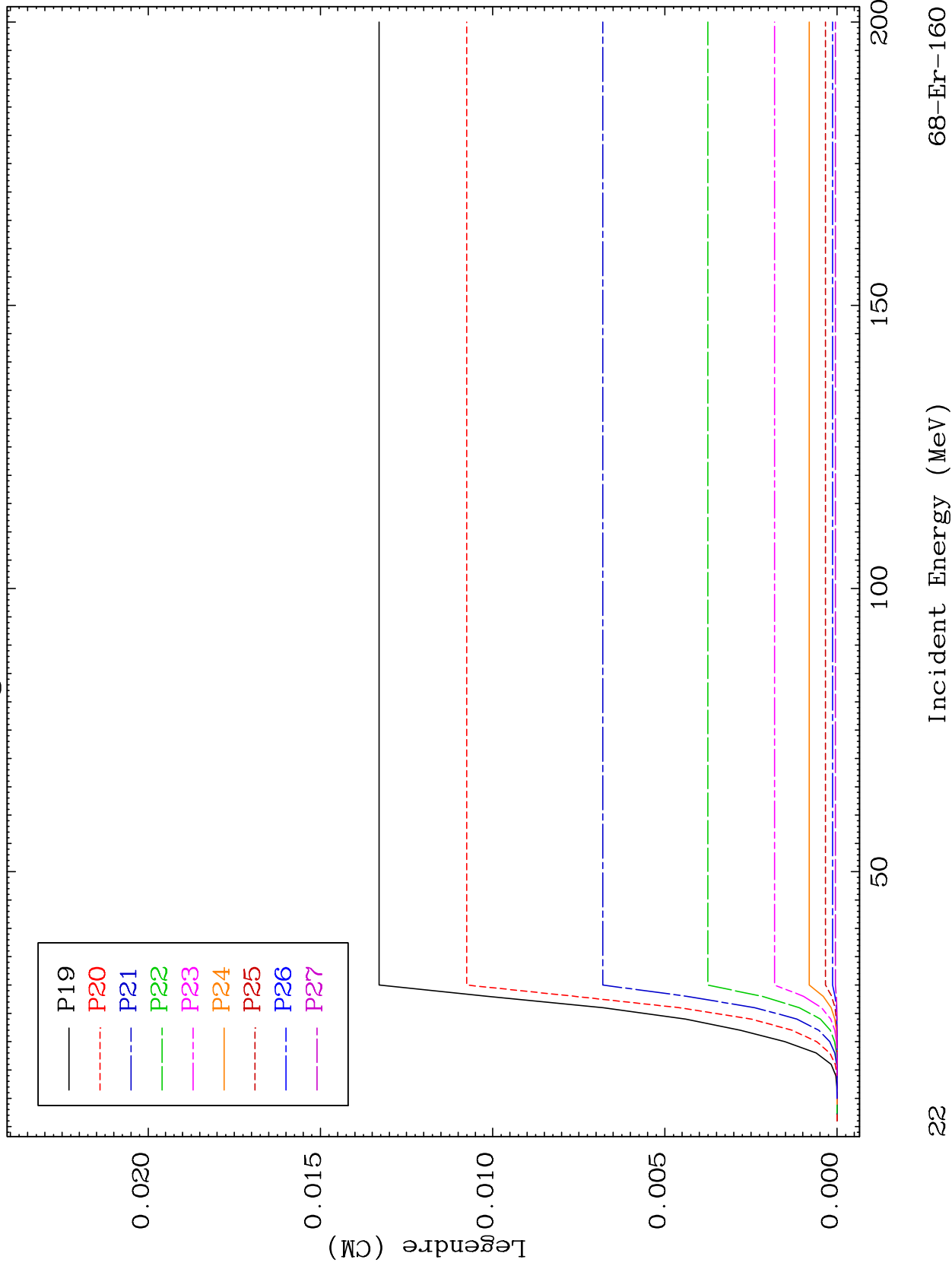


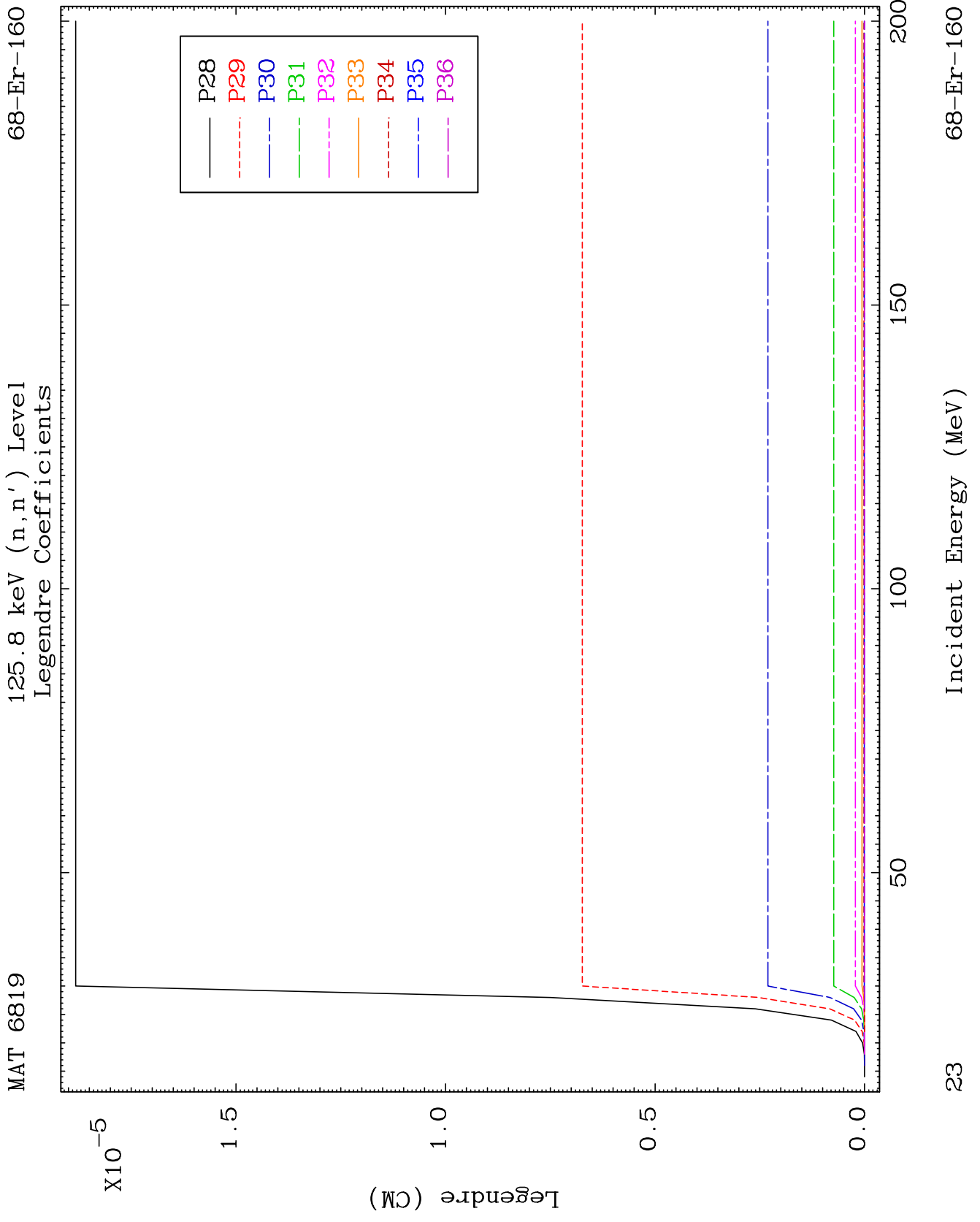
MAT 6819

125.8 keV (n,n') Level
Legendre Coefficients

68-Er-160



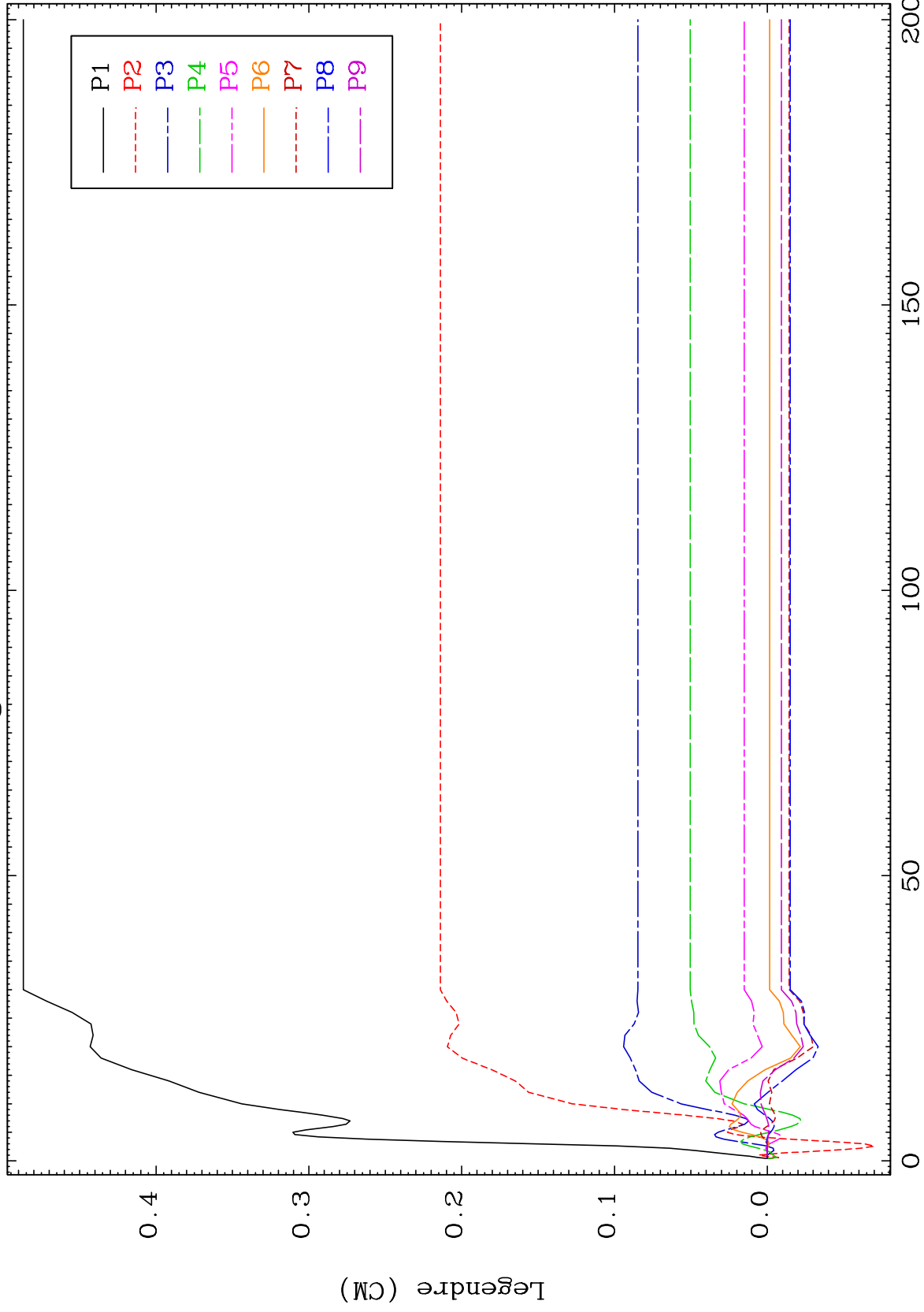




MAT 6819

389.9 keV (n,n') Level
Legendre Coefficients

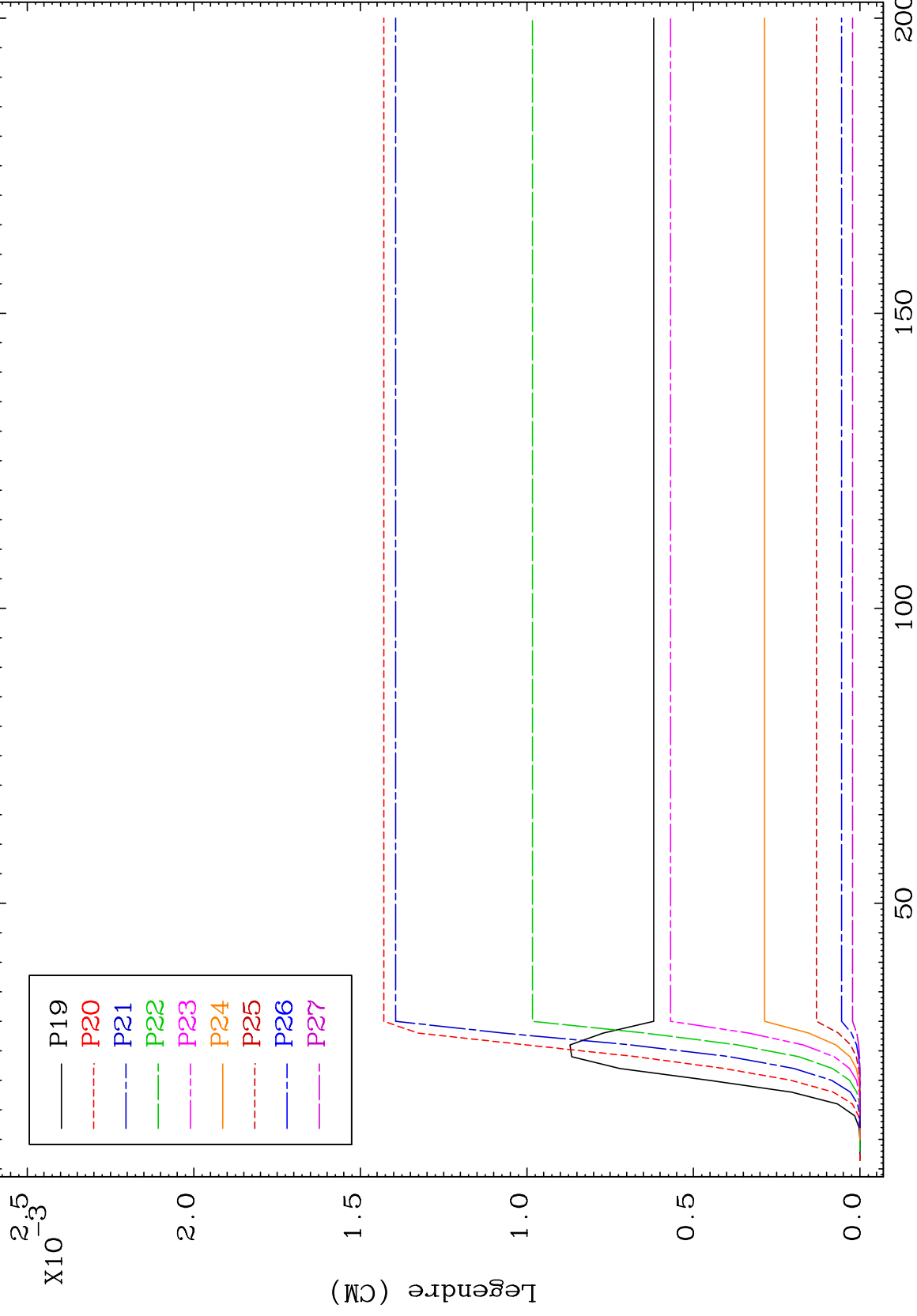
68-Er-160



24

Incident Energy (MeV)

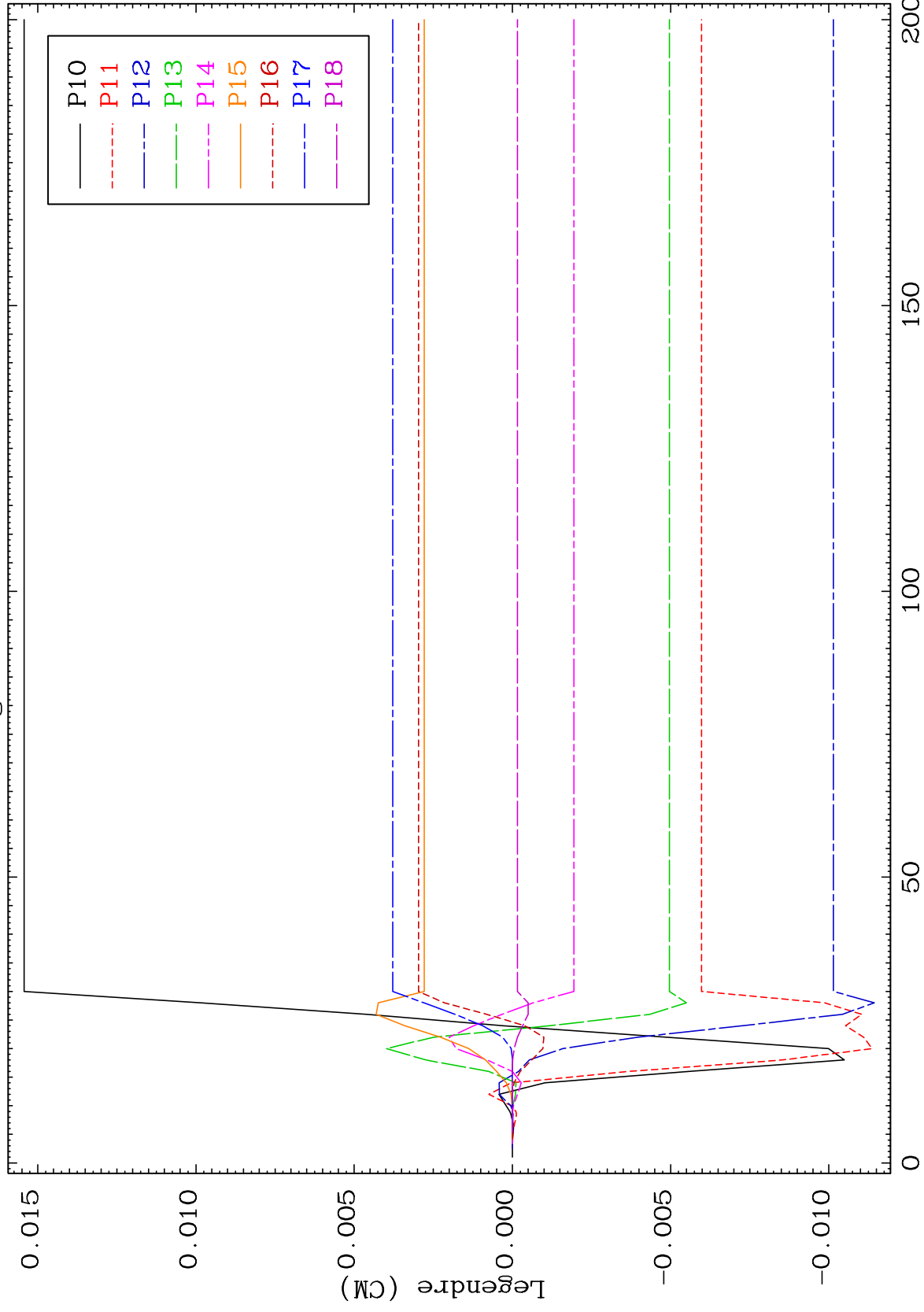
68-Er-160



MAT 6819

765.7 keV (n,n') Level
Legendre Coefficients

68-Er-160



29

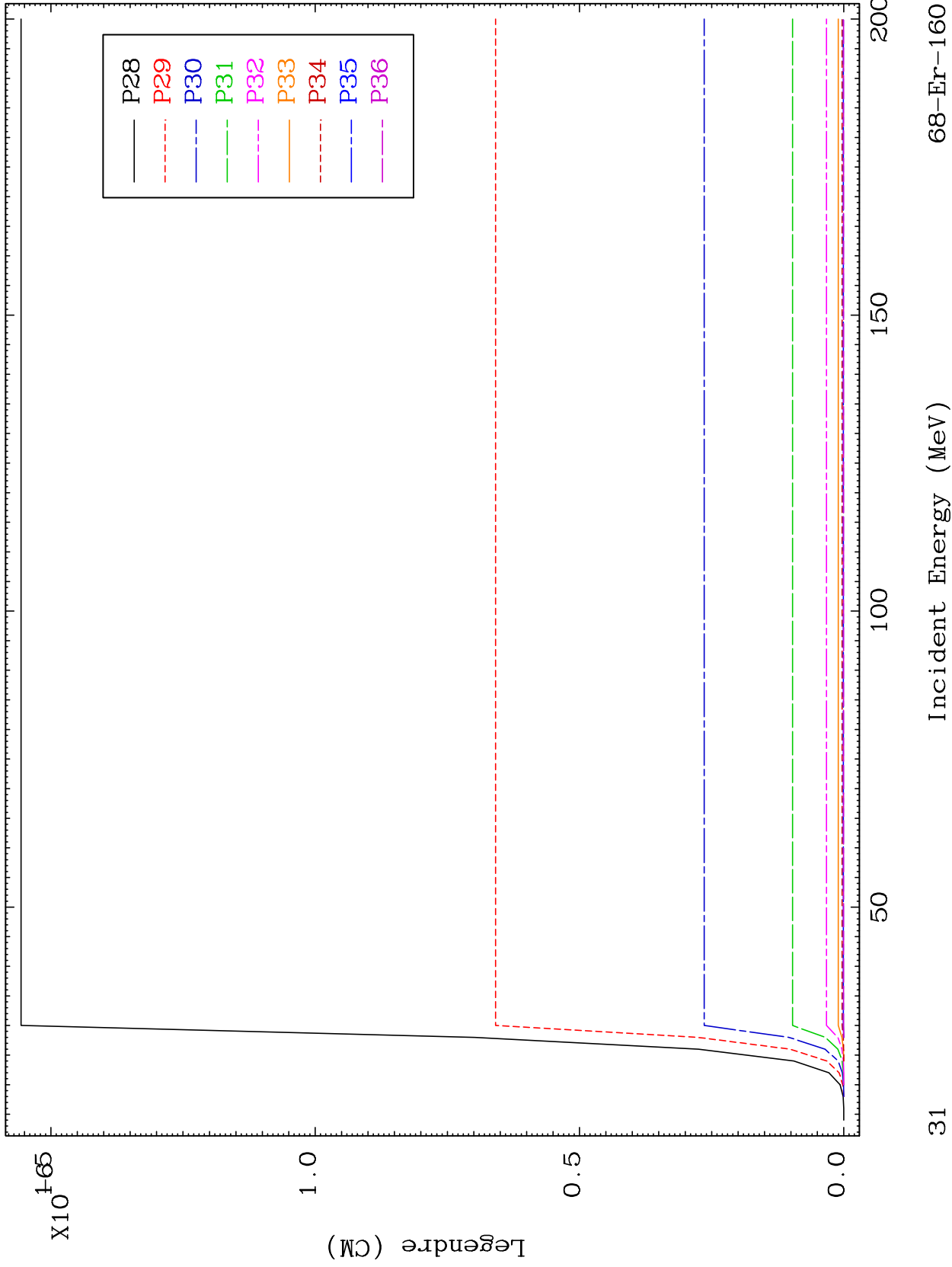
Incident Energy (MeV)

68-Er-160

MAT 6819

765.7 keV (n,n') Level
Legendre Coefficients

68-Er-160

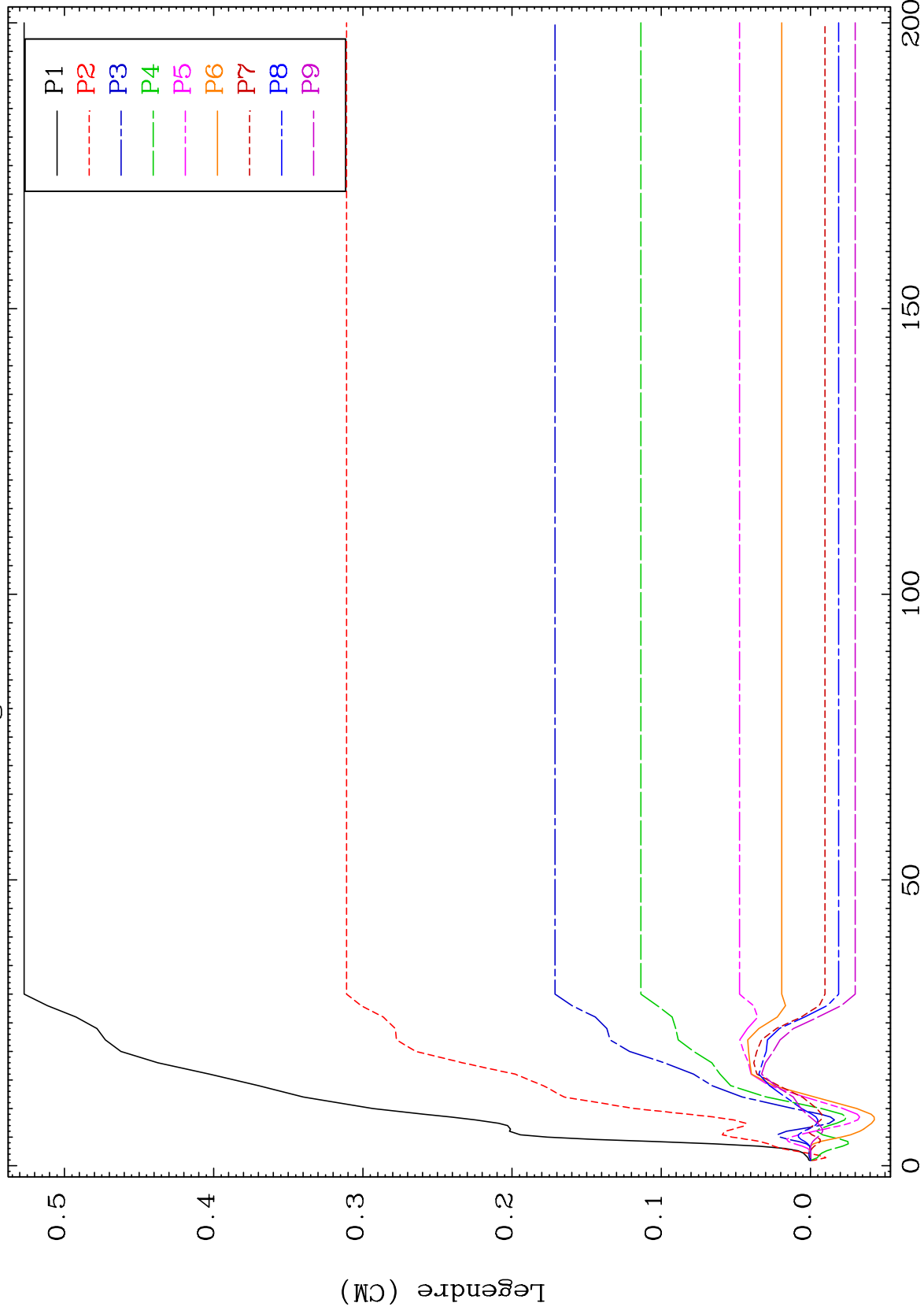


31

MAT 6819

854.4 keV (n,n') Level
Legendre Coefficients

68-Er-160



32

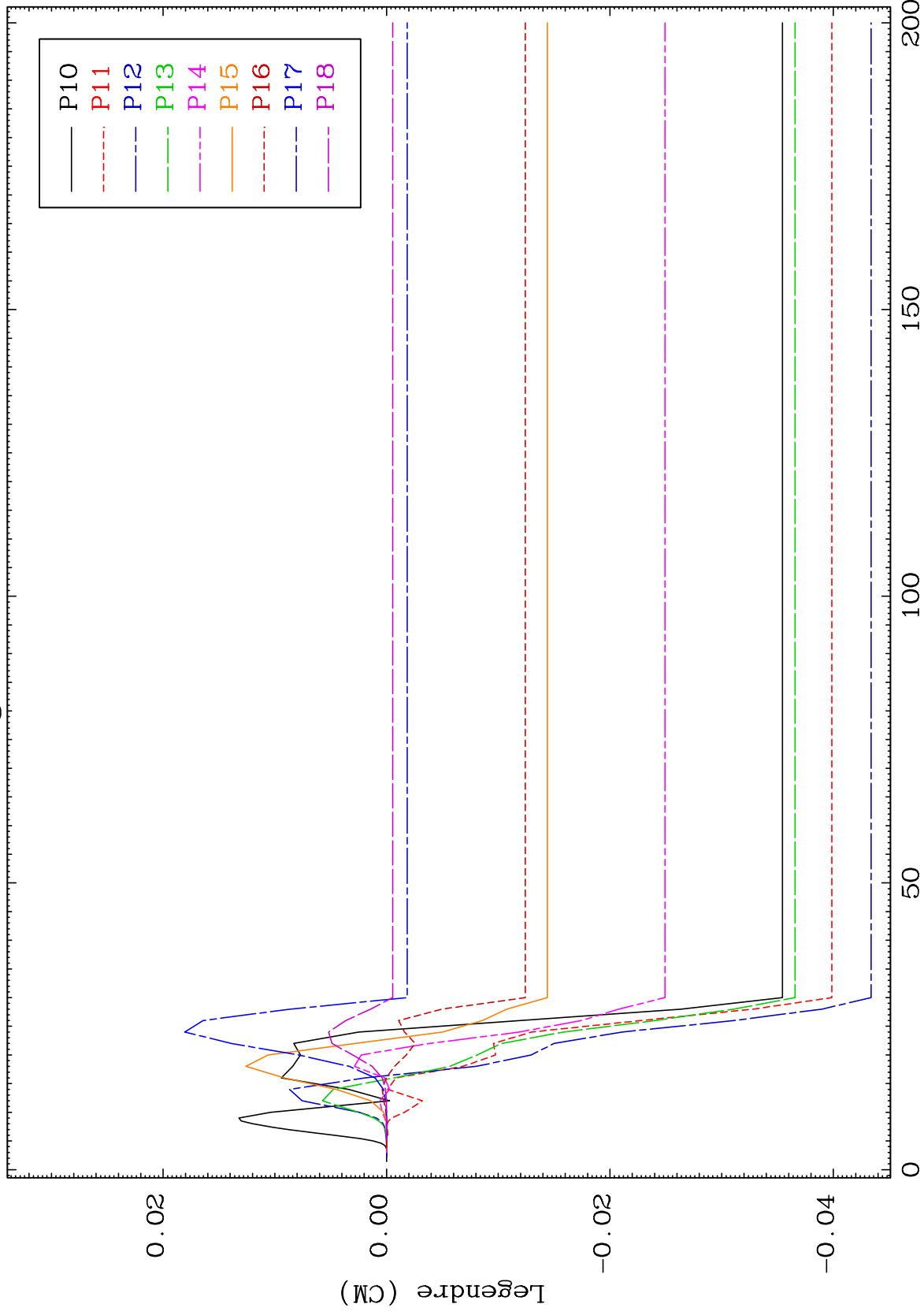
Incident Energy (MeV)

68-Er-160

MAT 6819

854.4 keV (n,n') Level
Legendre Coefficients

68-Er-160



33

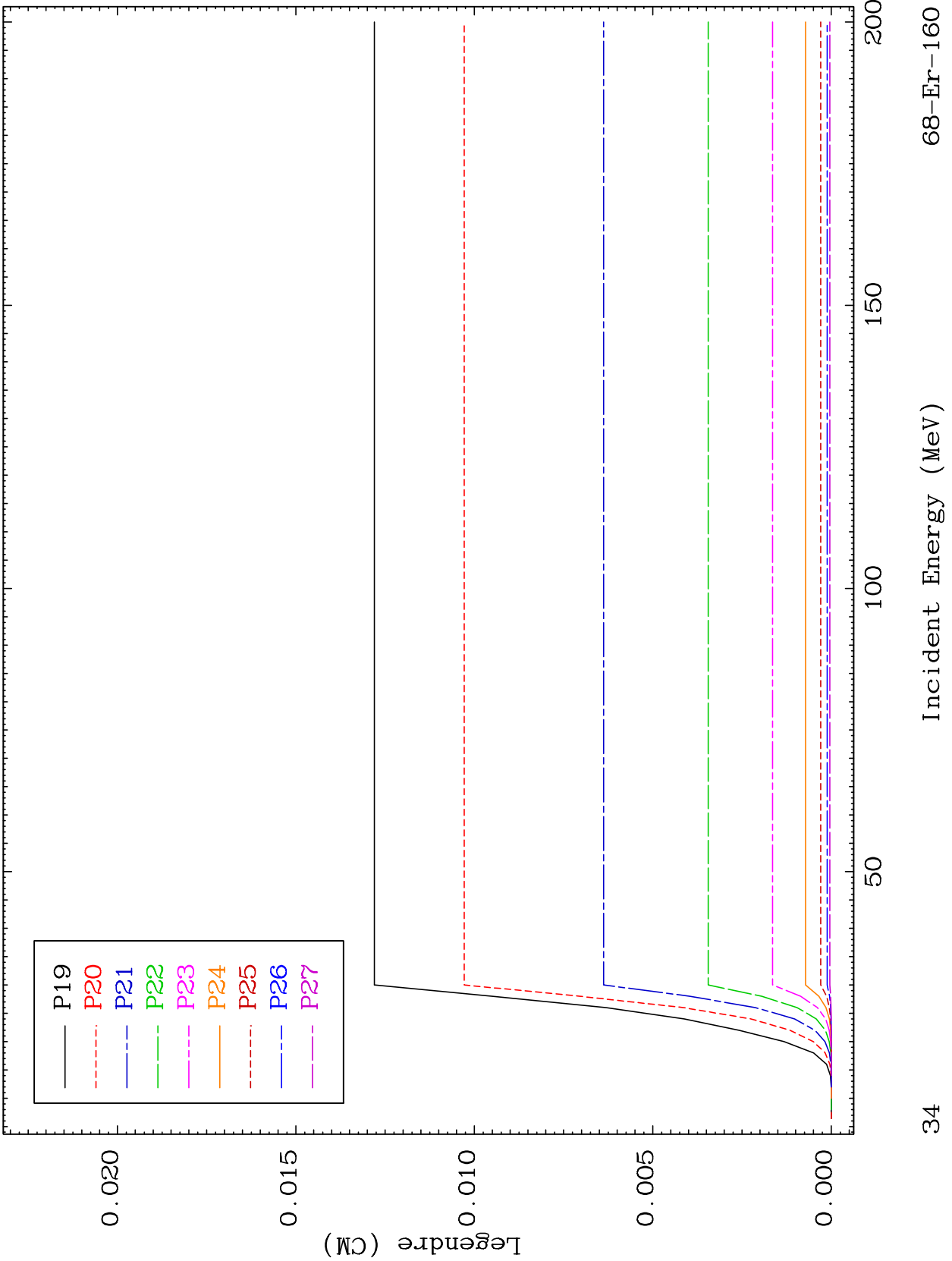
Incident Energy (MeV)

68-Er-160

MAT 6819

854.4 keV (n,n') Level
Legendre Coefficients

68-Er-160



34

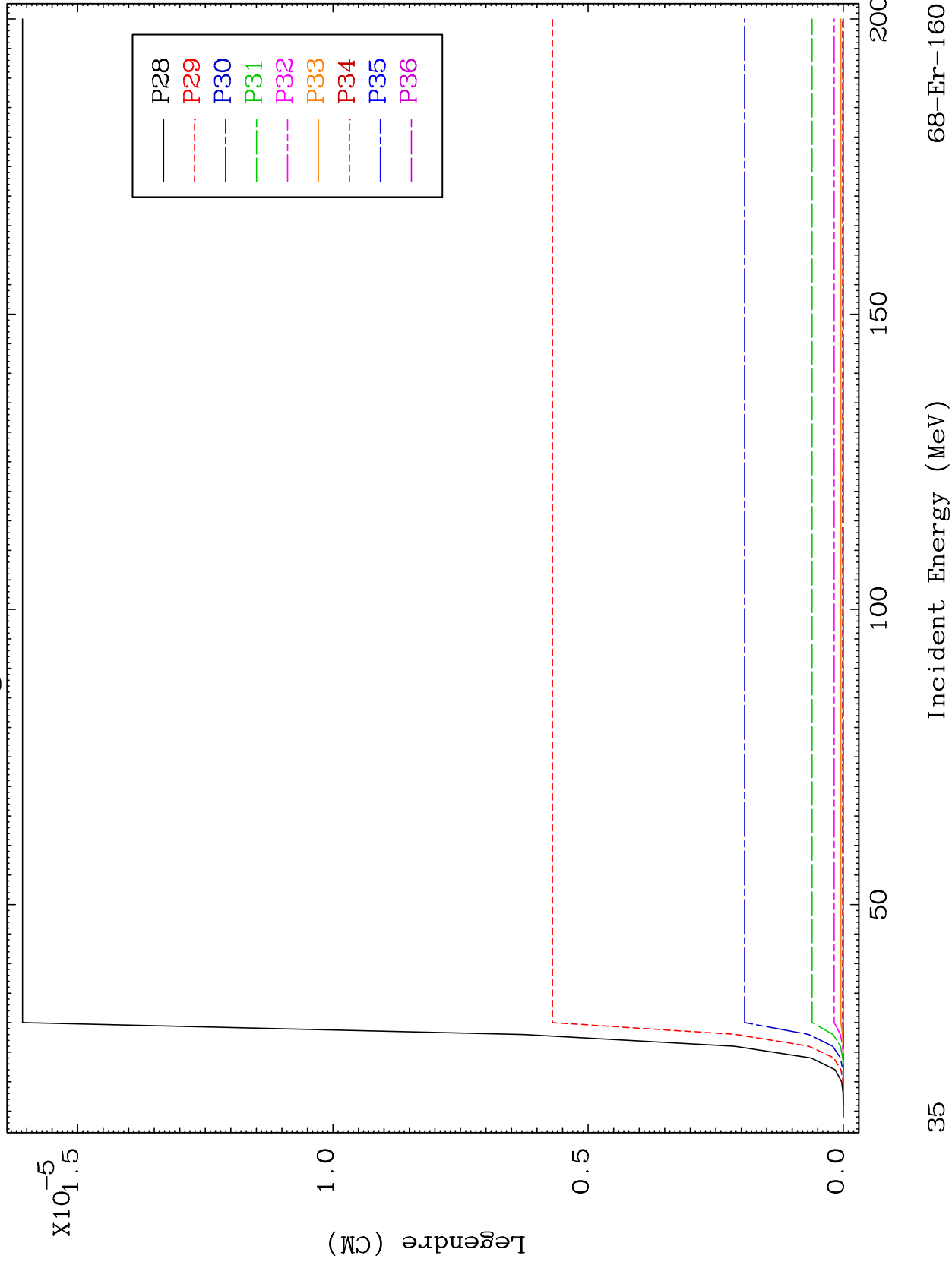
Incident Energy (MeV)

68-Er-160

MAT 6819

854.4 keV (n, n') Level
Legendre Coefficients

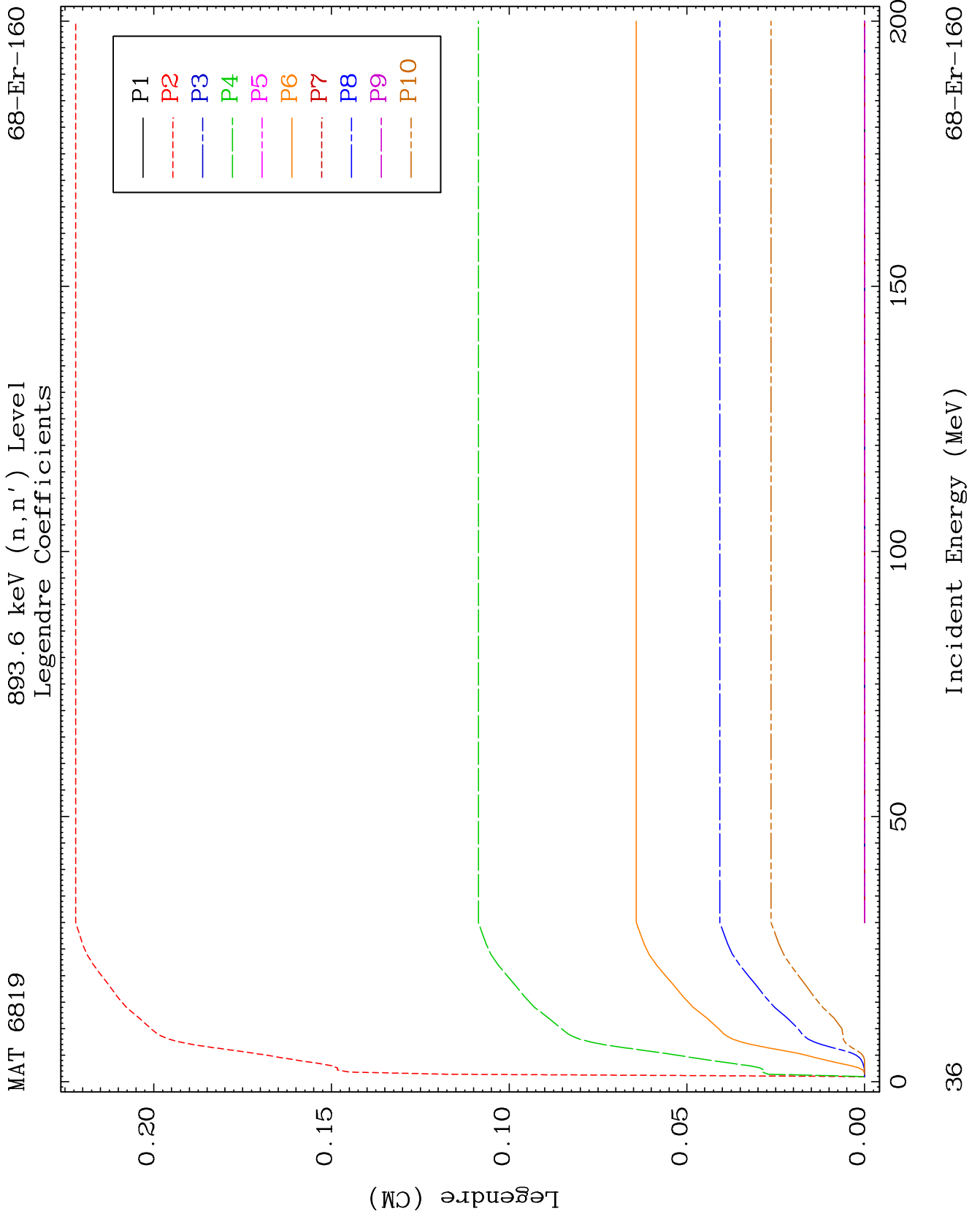
68-Er-160



35

Incident Energy (MeV)

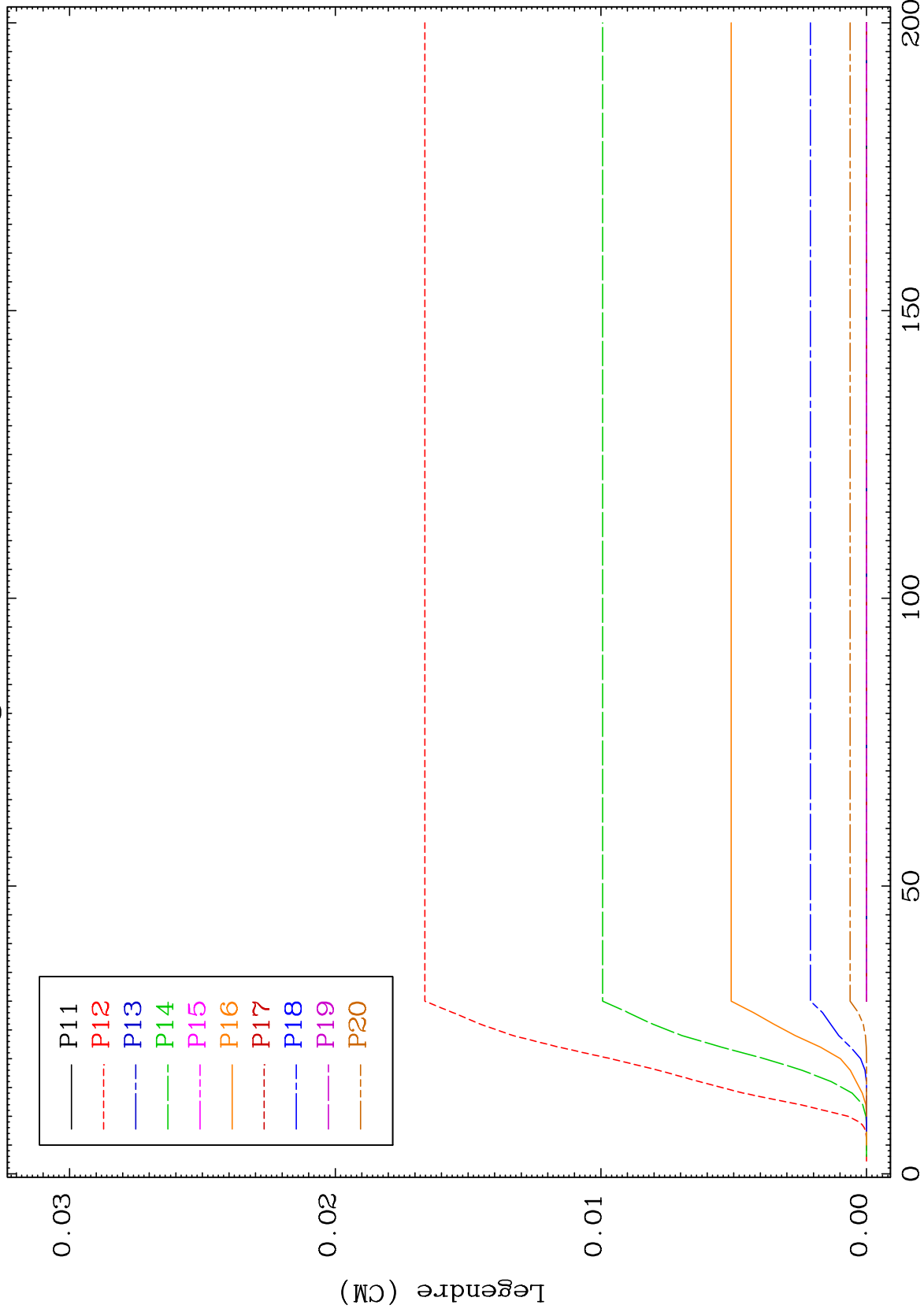
68-Er-160



MAT 6819

893.6 keV (n,n') Level
Legendre Coefficients

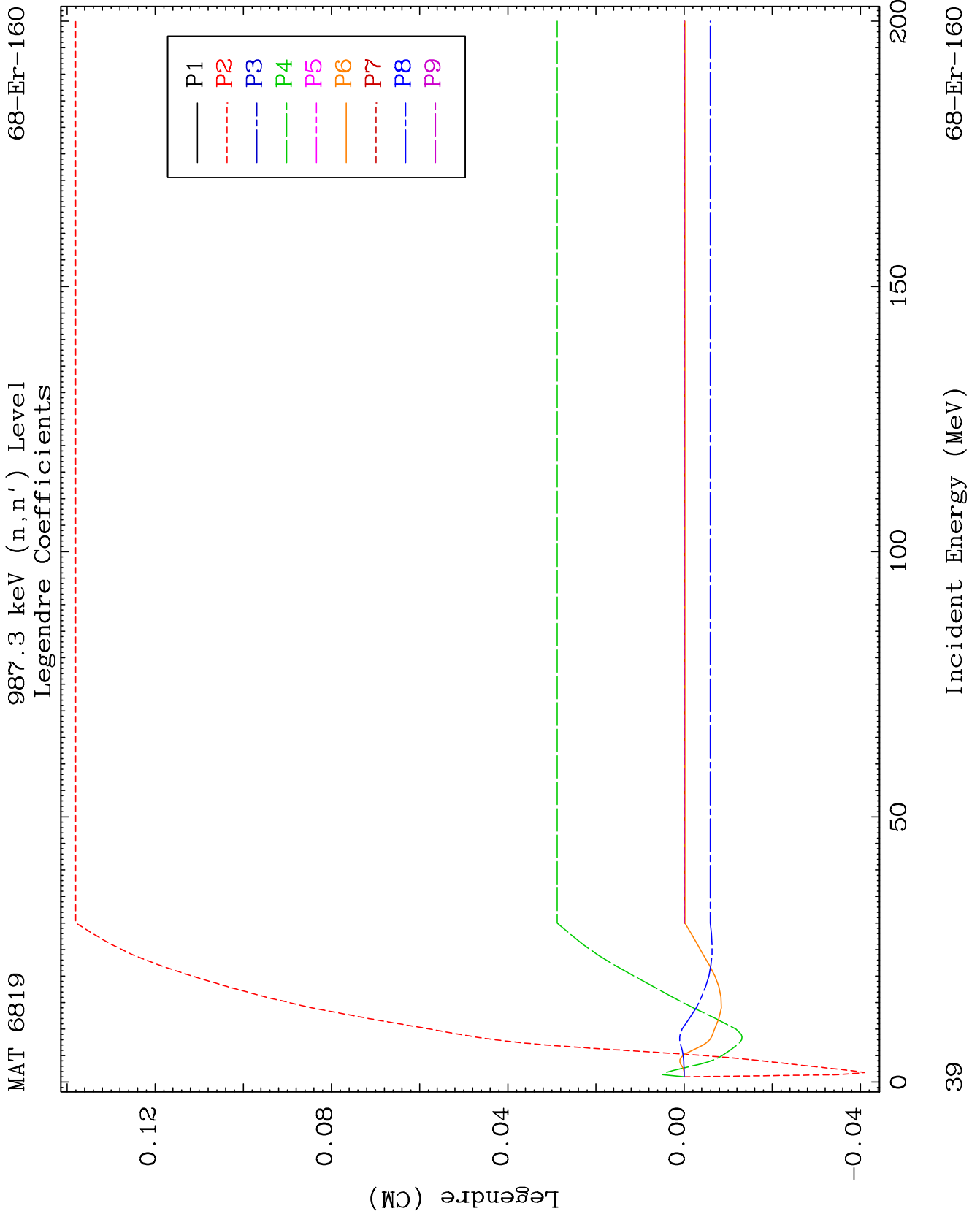
68-Er-160

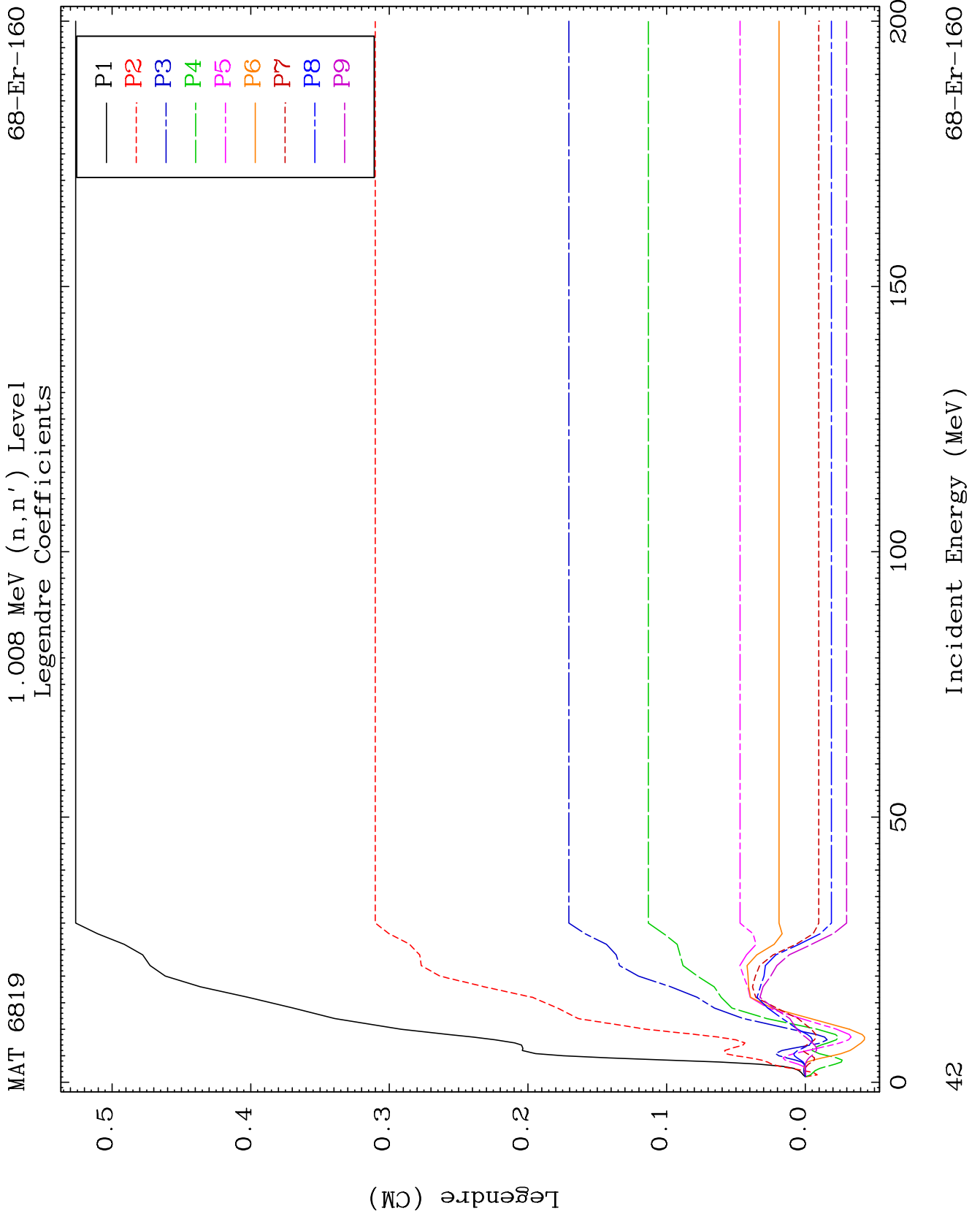


37

Incident Energy (MeV)

68-Er-160

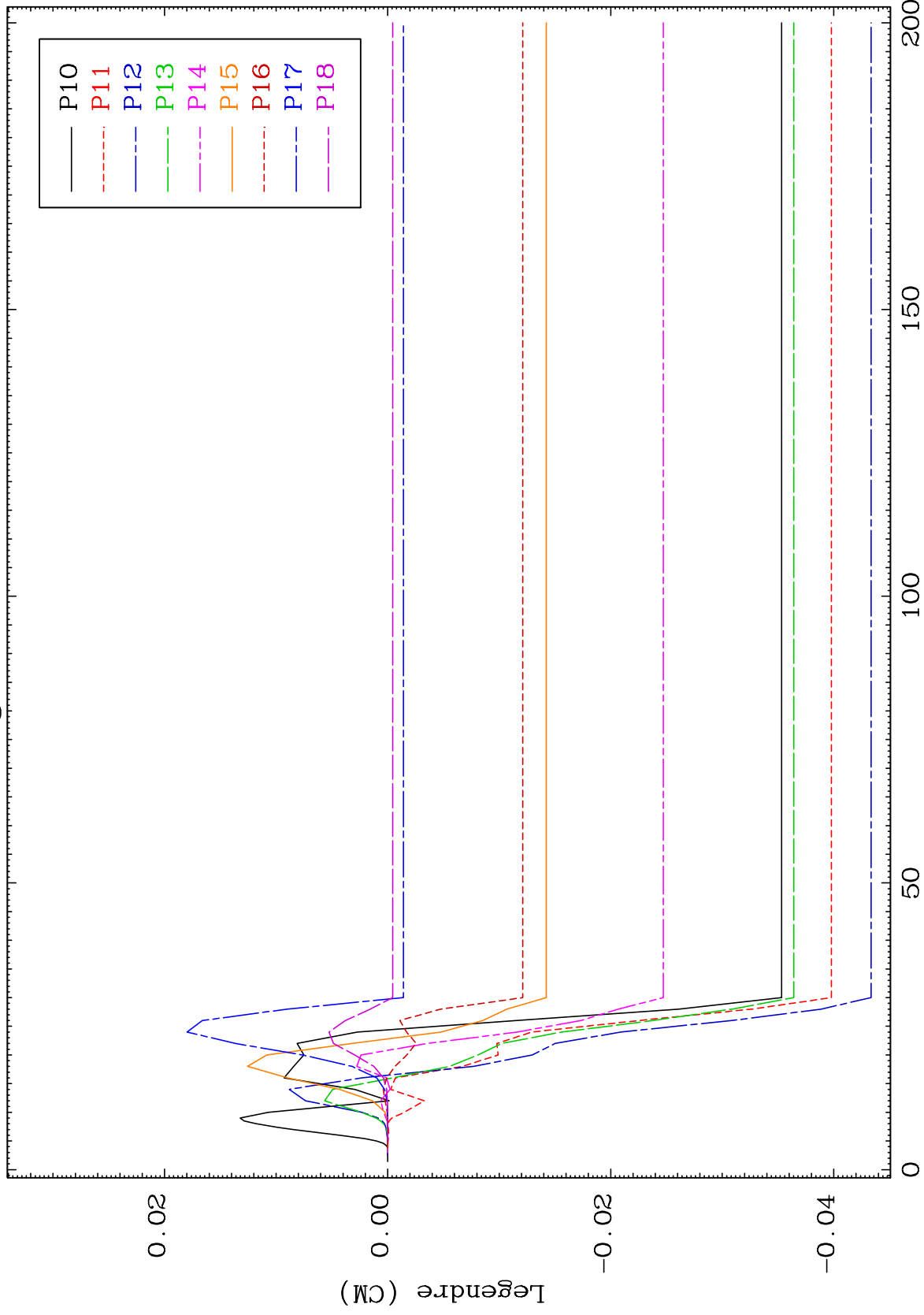




MAT 6819

1.008 MeV (n,n') Level
Legendre Coefficients

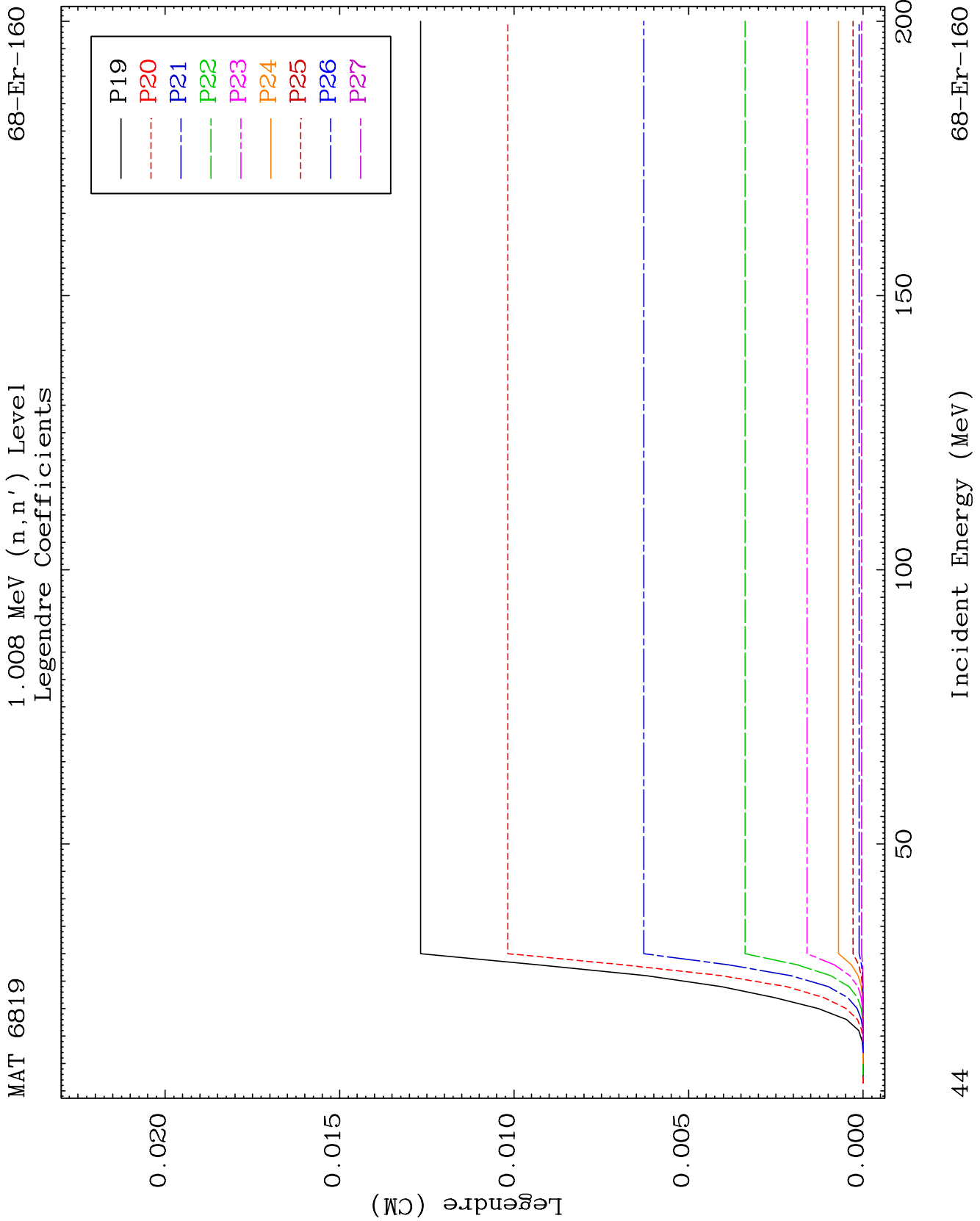
68-Er-160

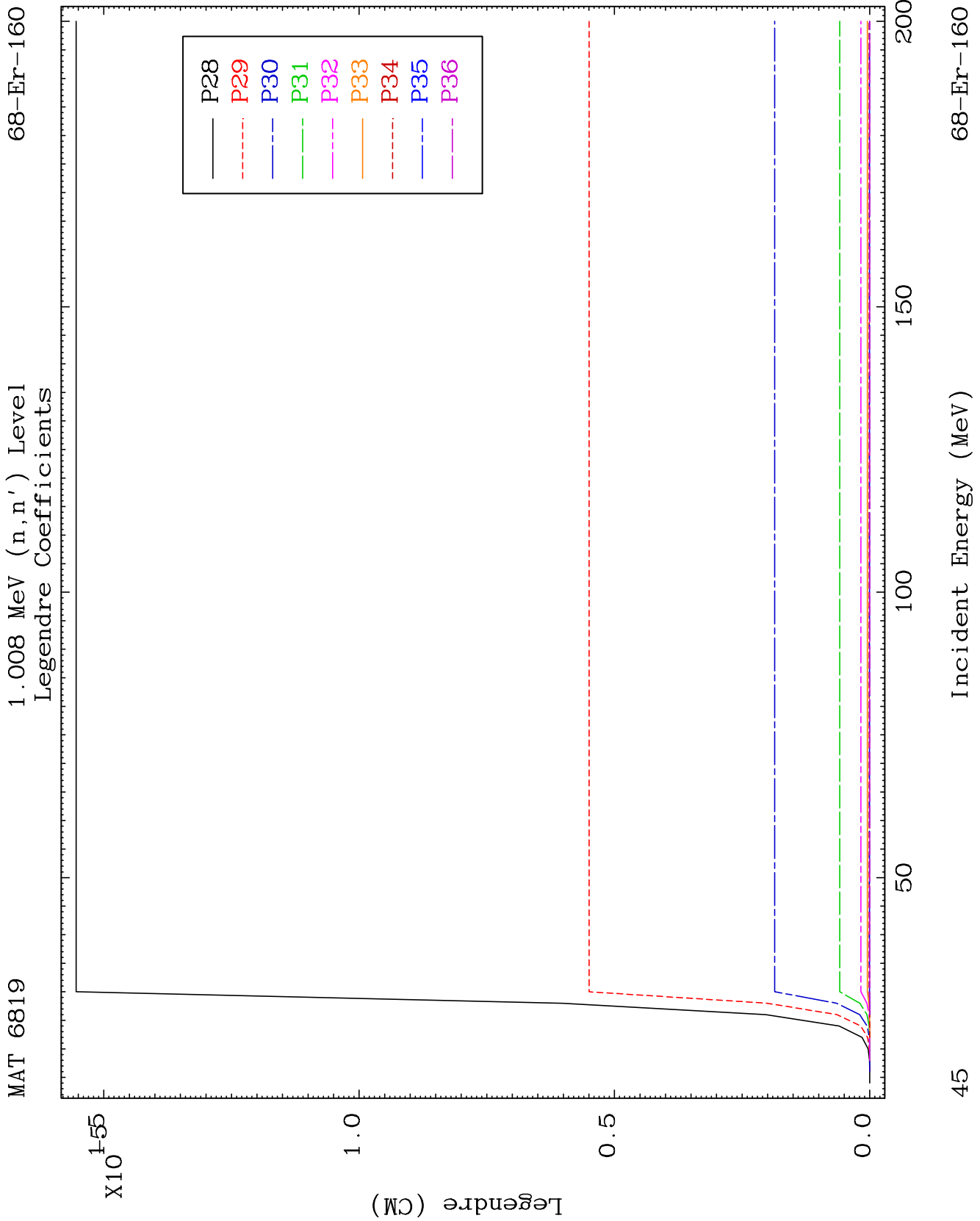


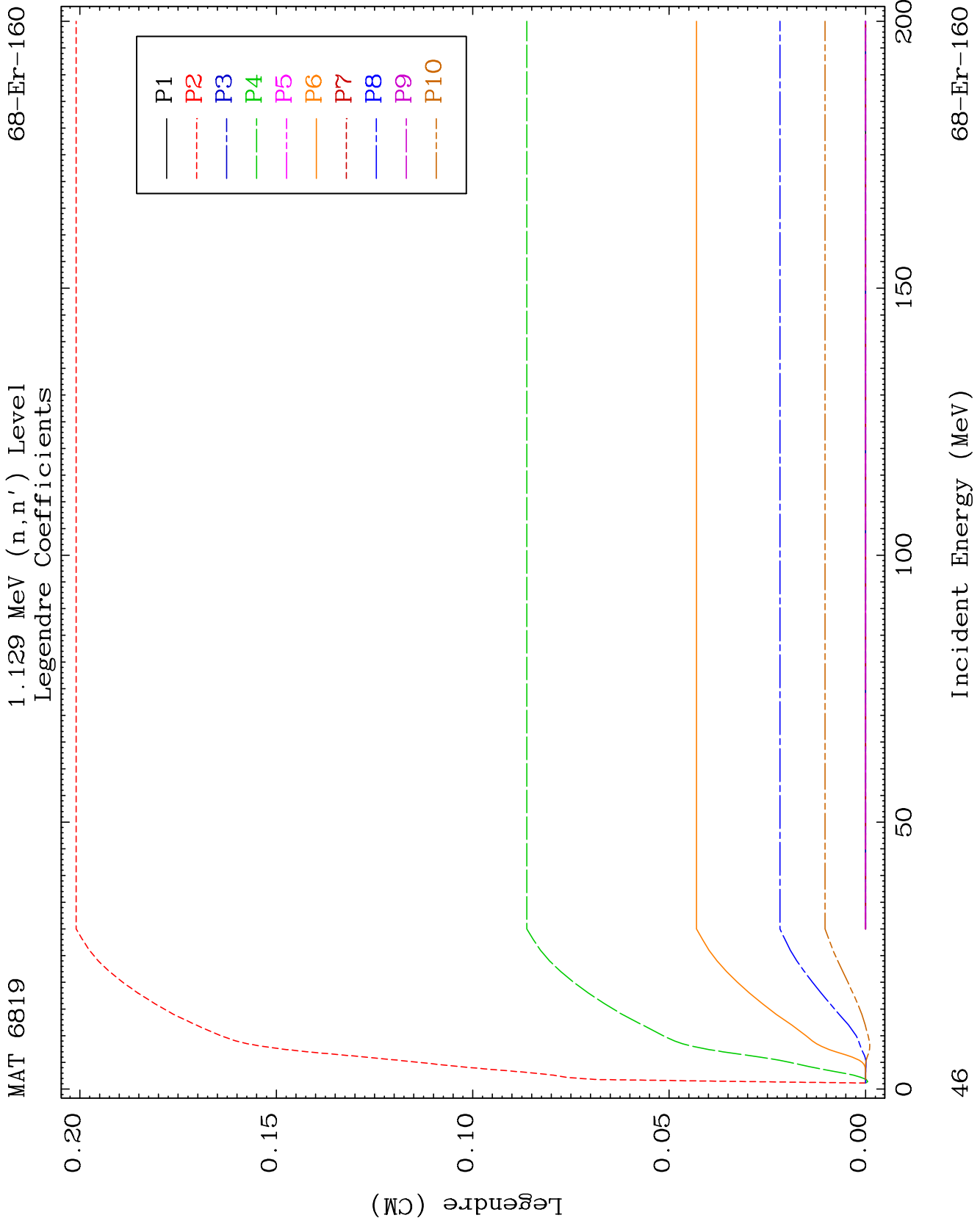
43

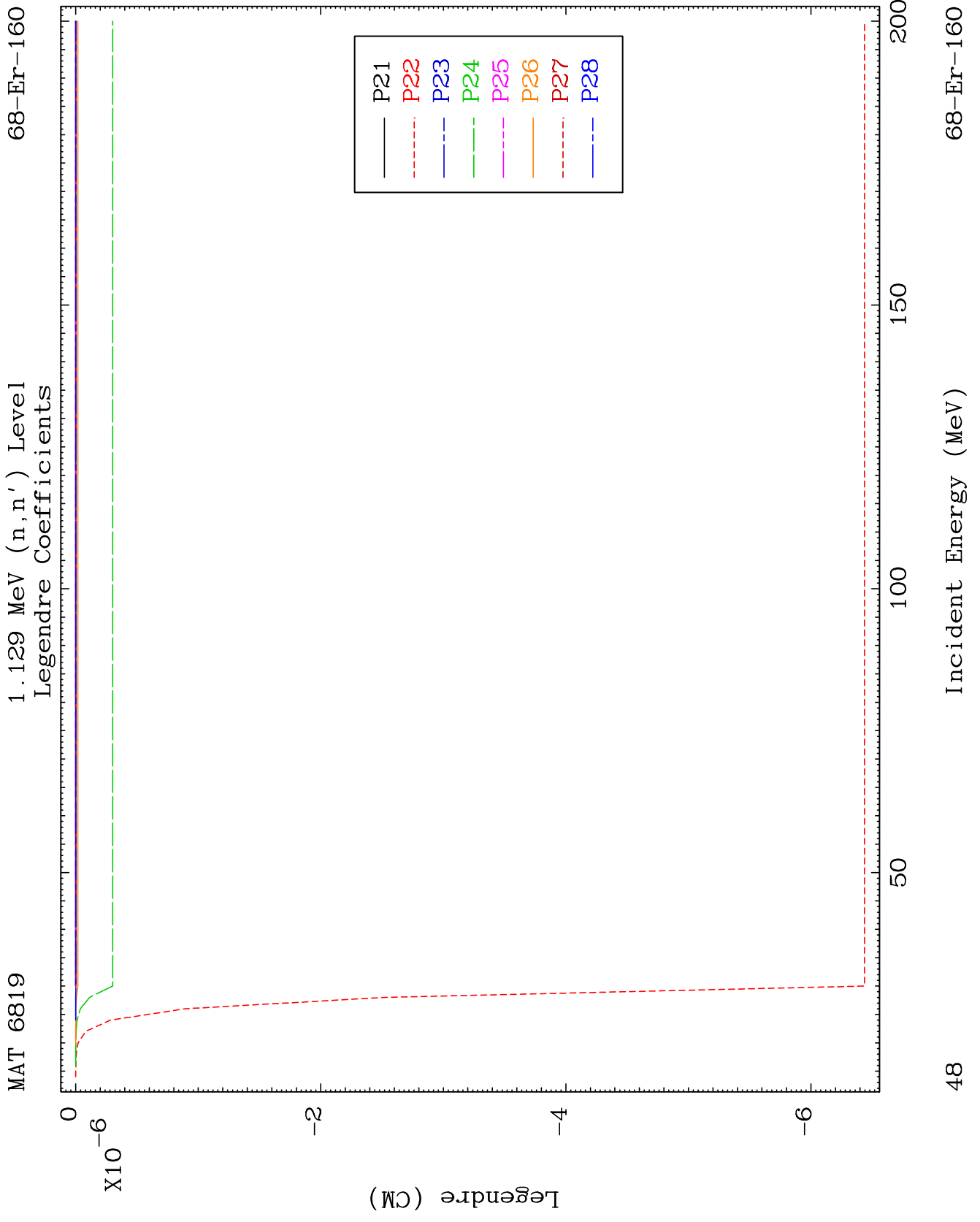
Incident Energy (MeV)

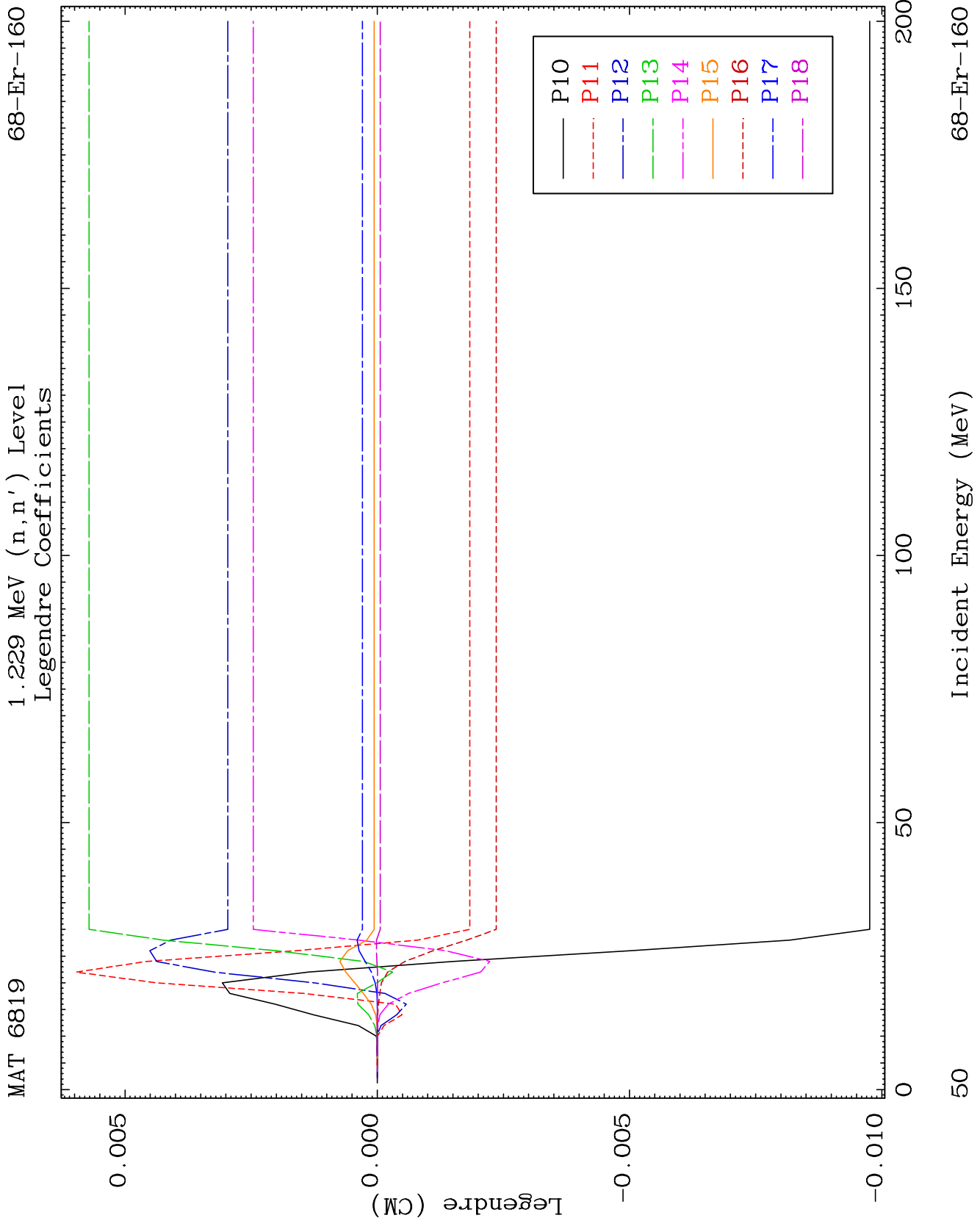
68-Er-160

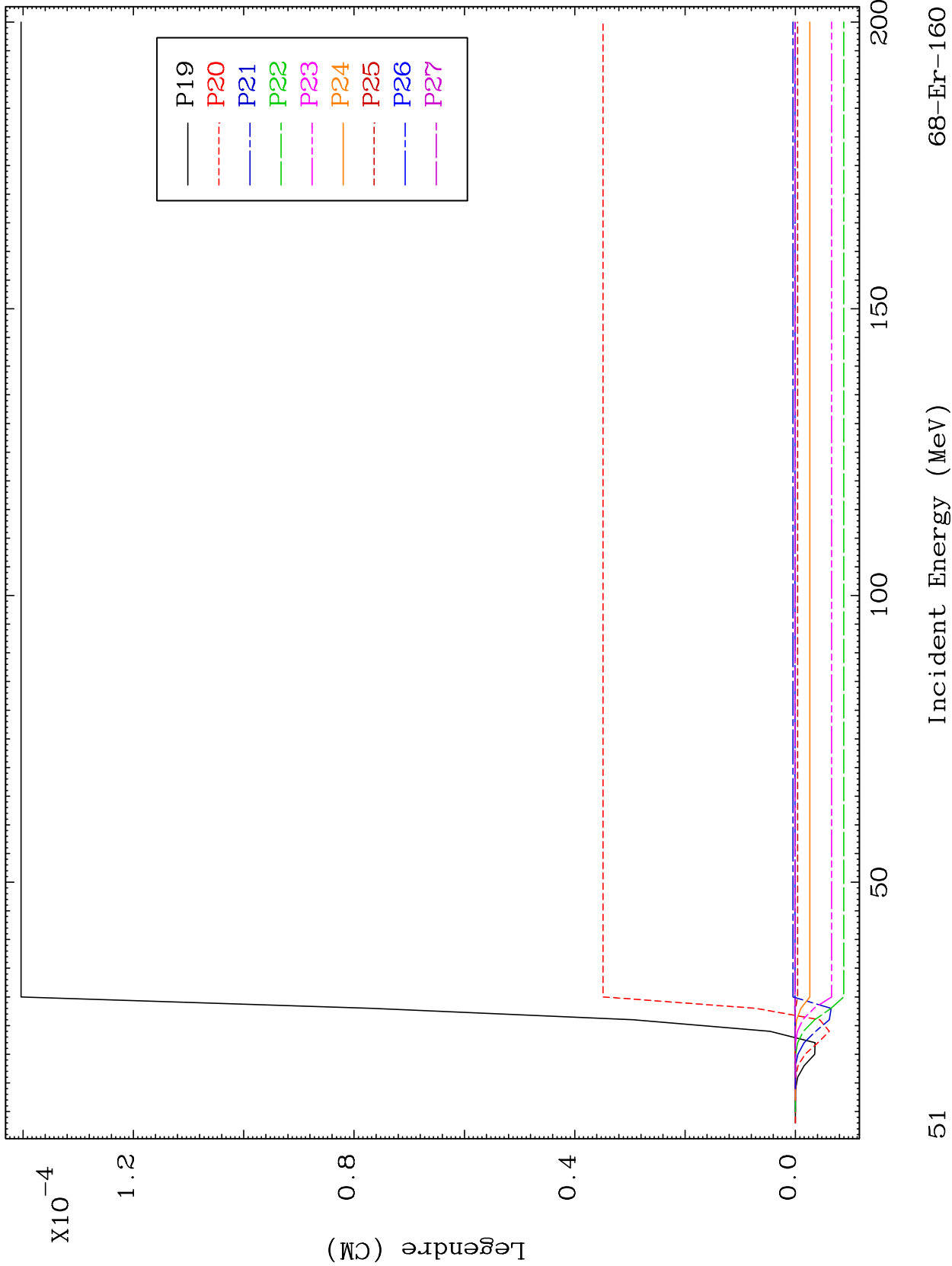


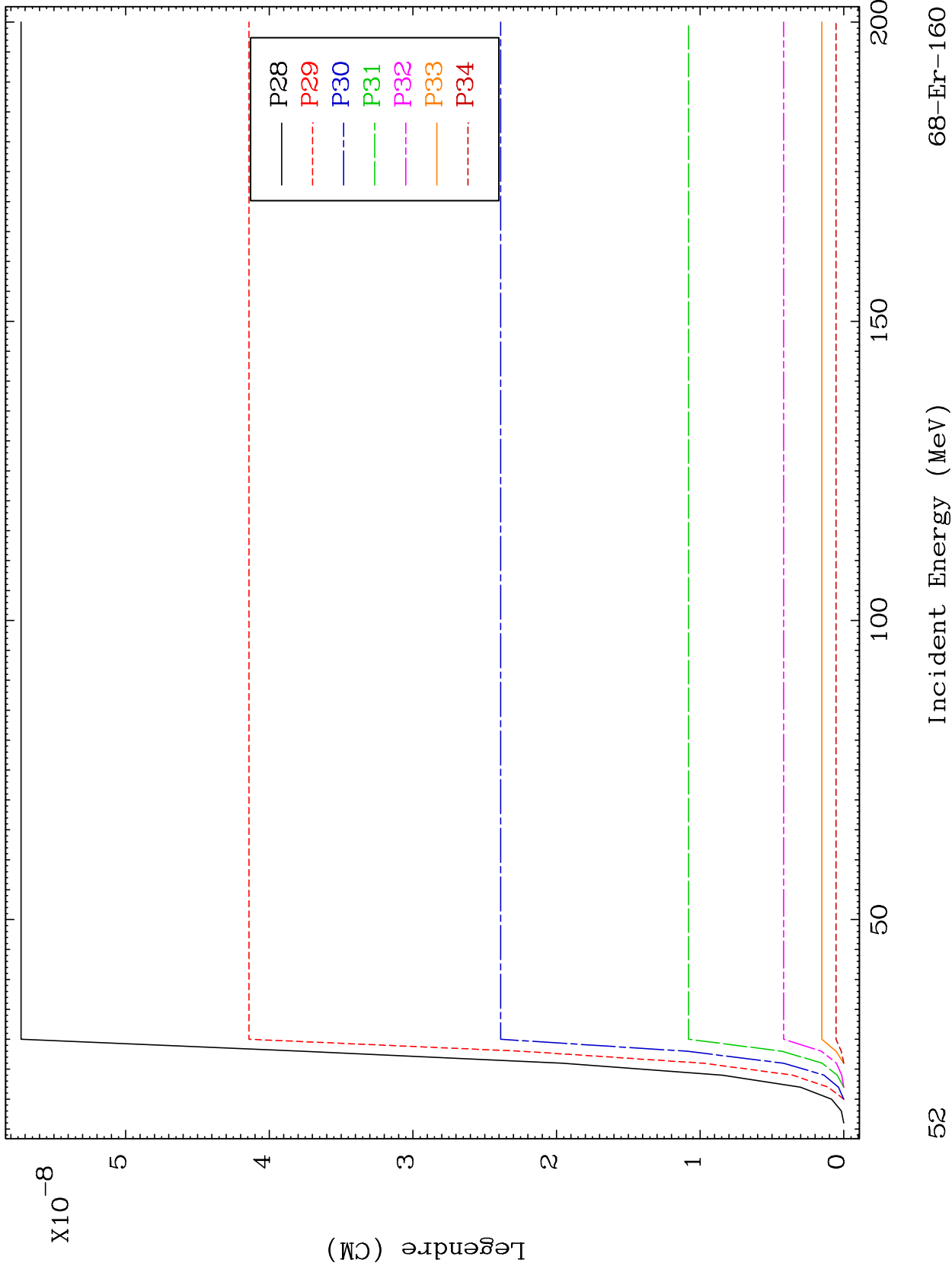


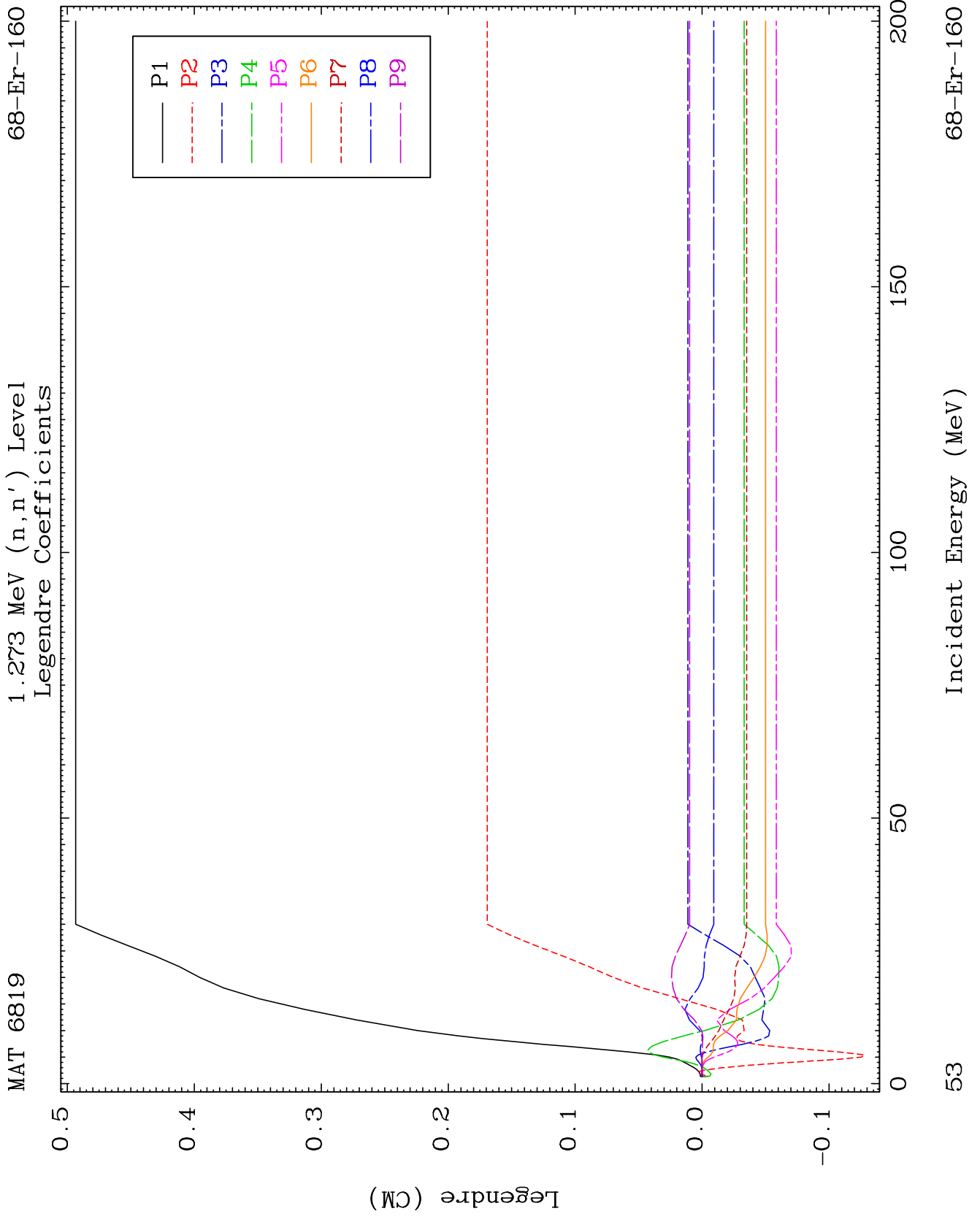








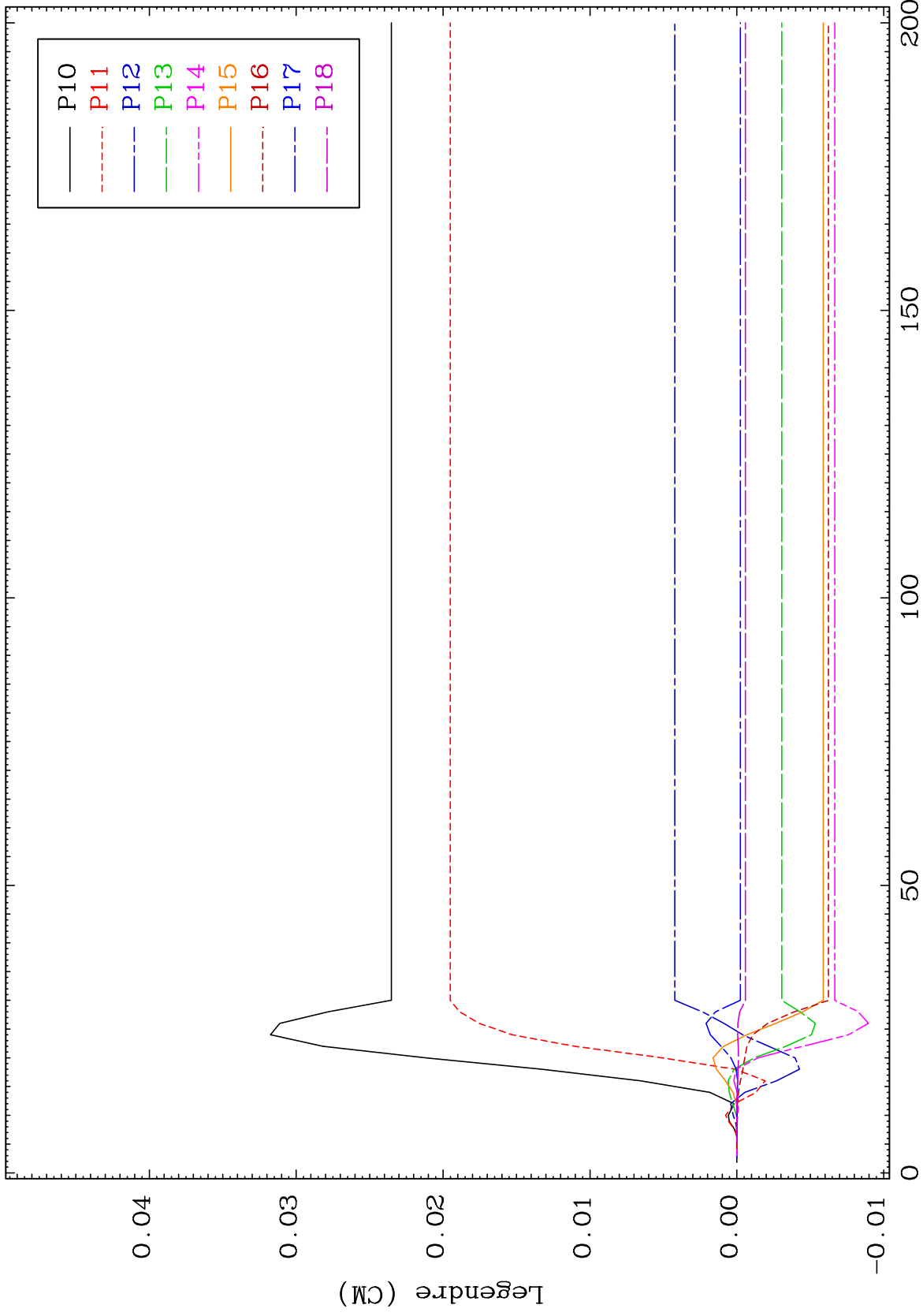




MAT 6819

1.273 MeV (n,n') Level
Legendre Coefficients

68-Er-160



54

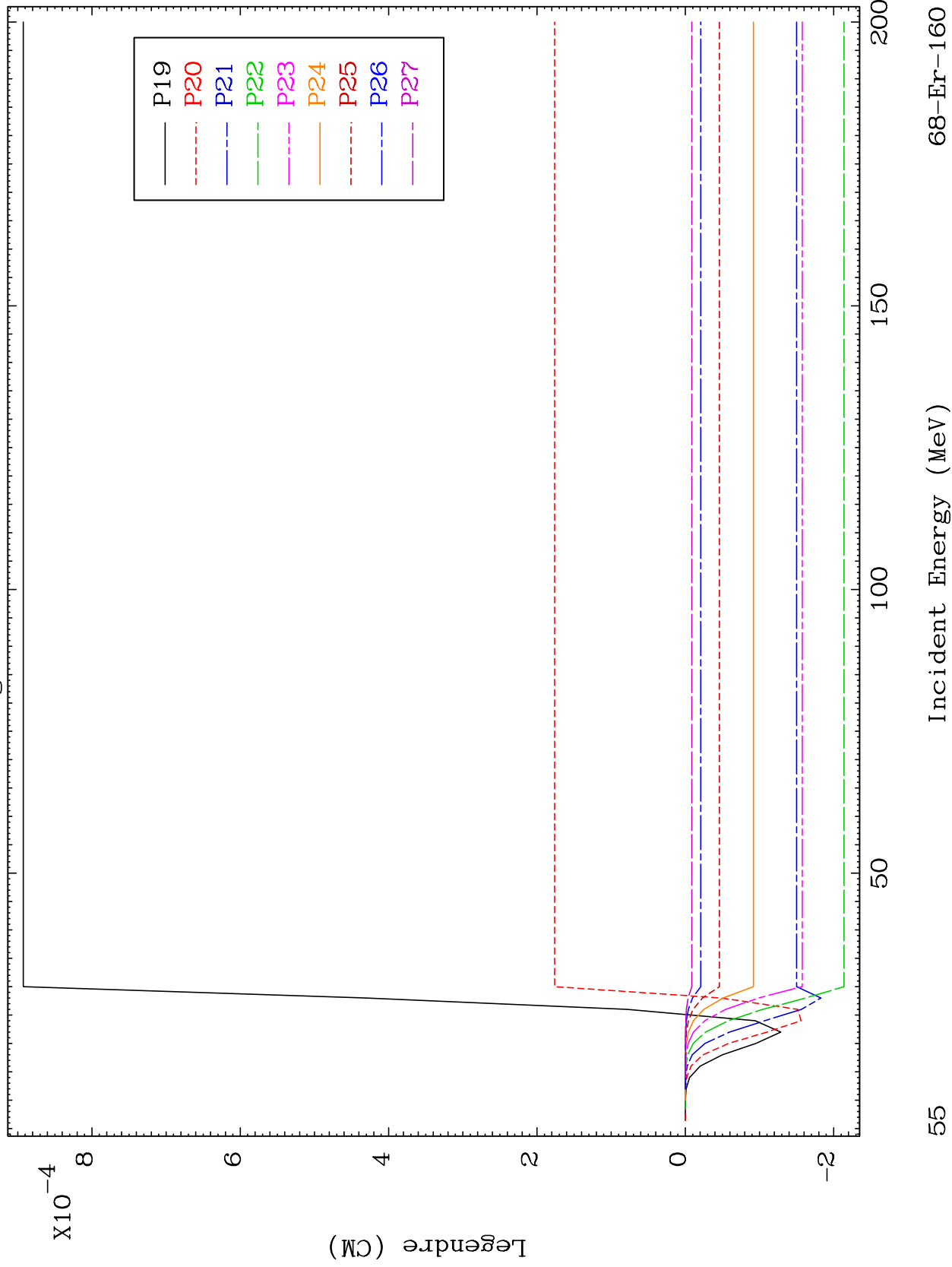
Incident Energy (MeV)

68-Er-160

MAT 6819

1.273 MeV (n,n') Level
Legendre Coefficients

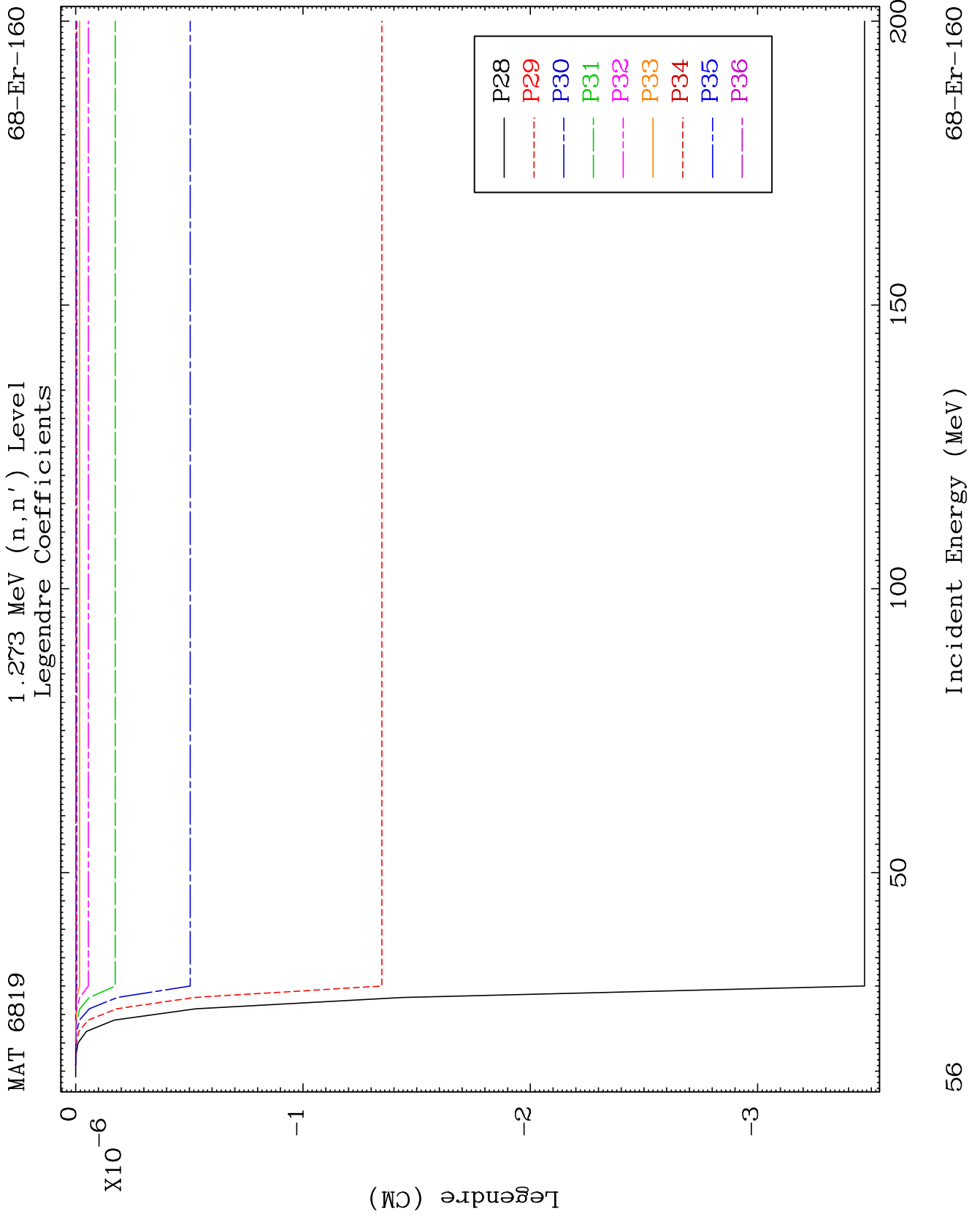
68-Er-160

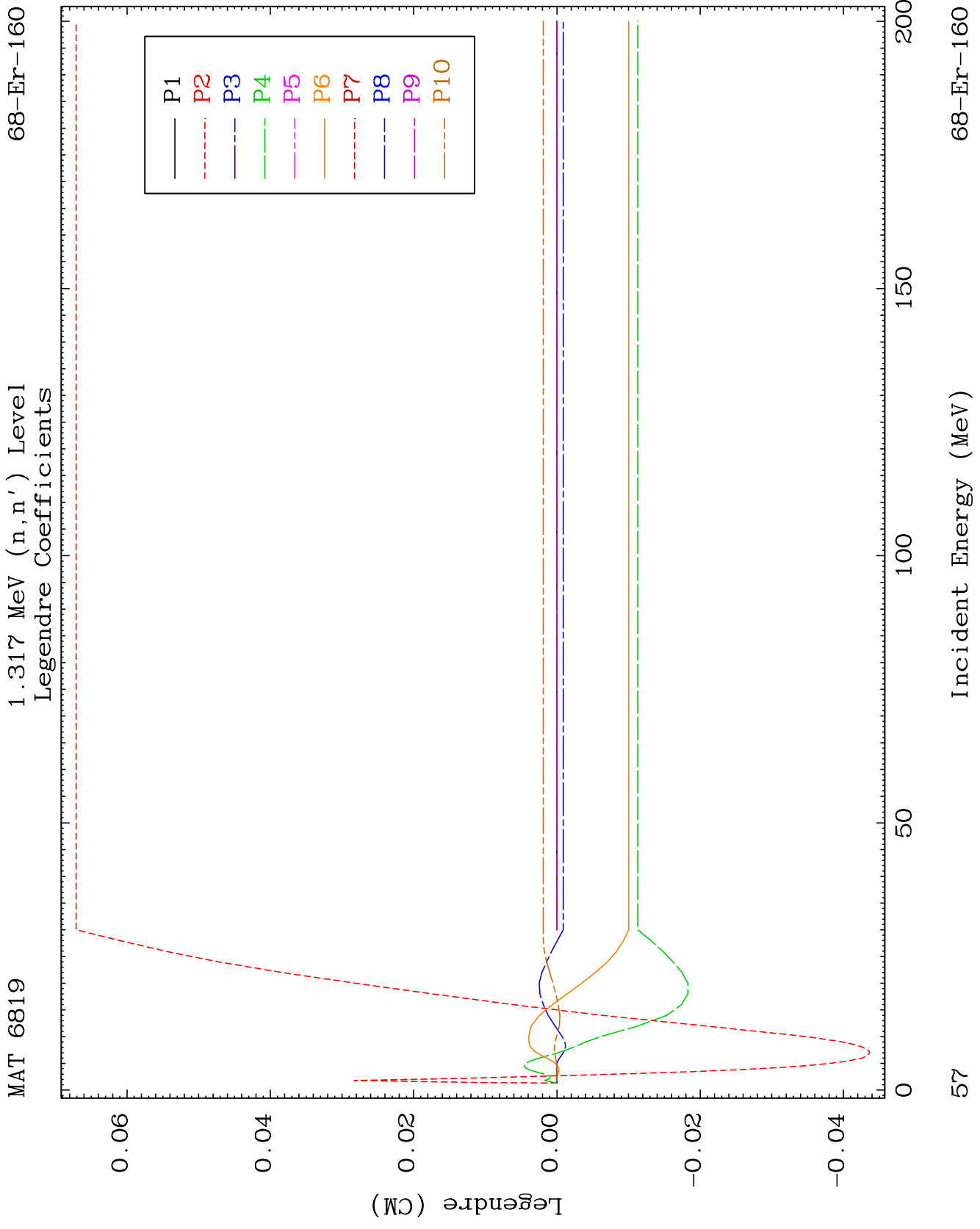


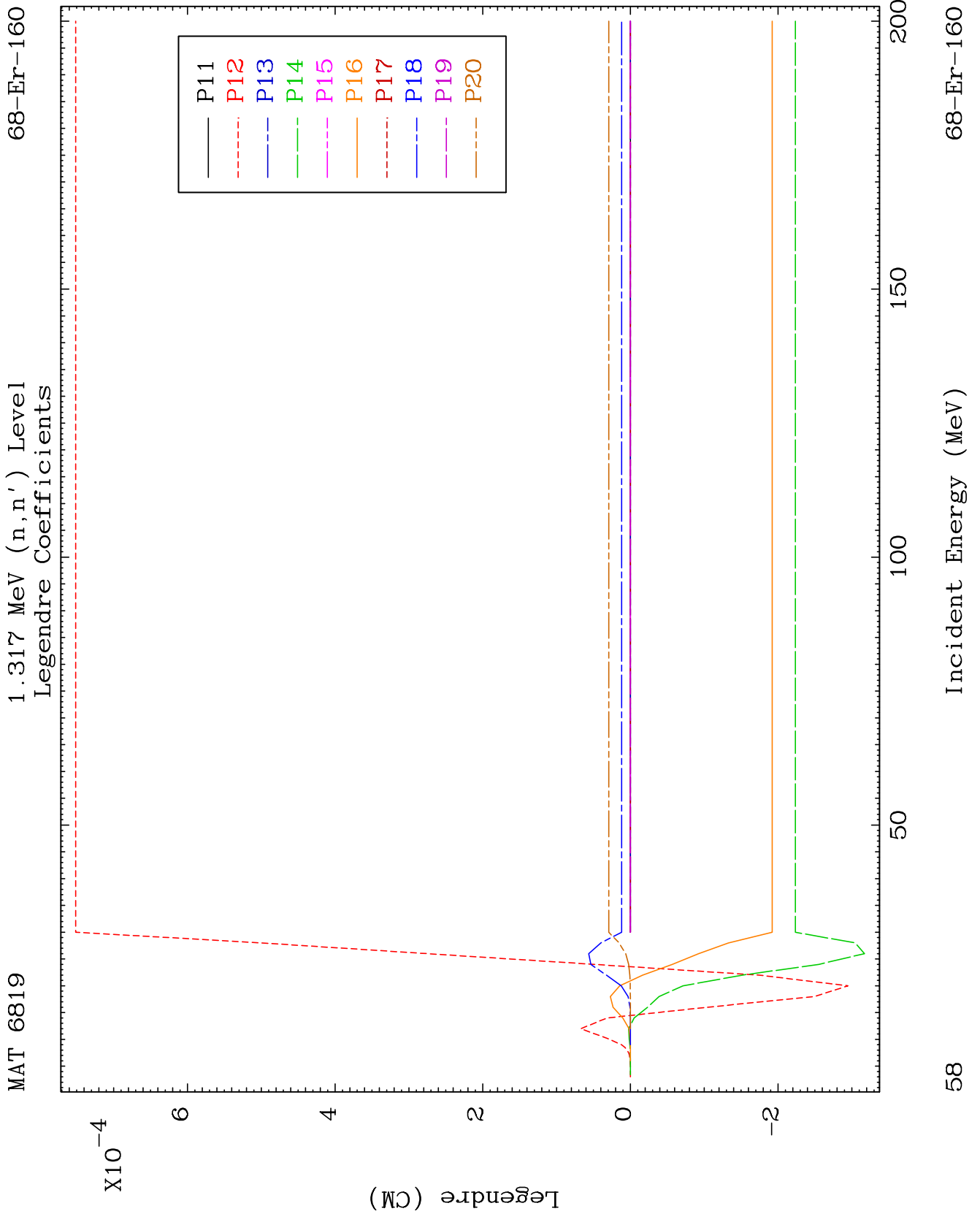
55

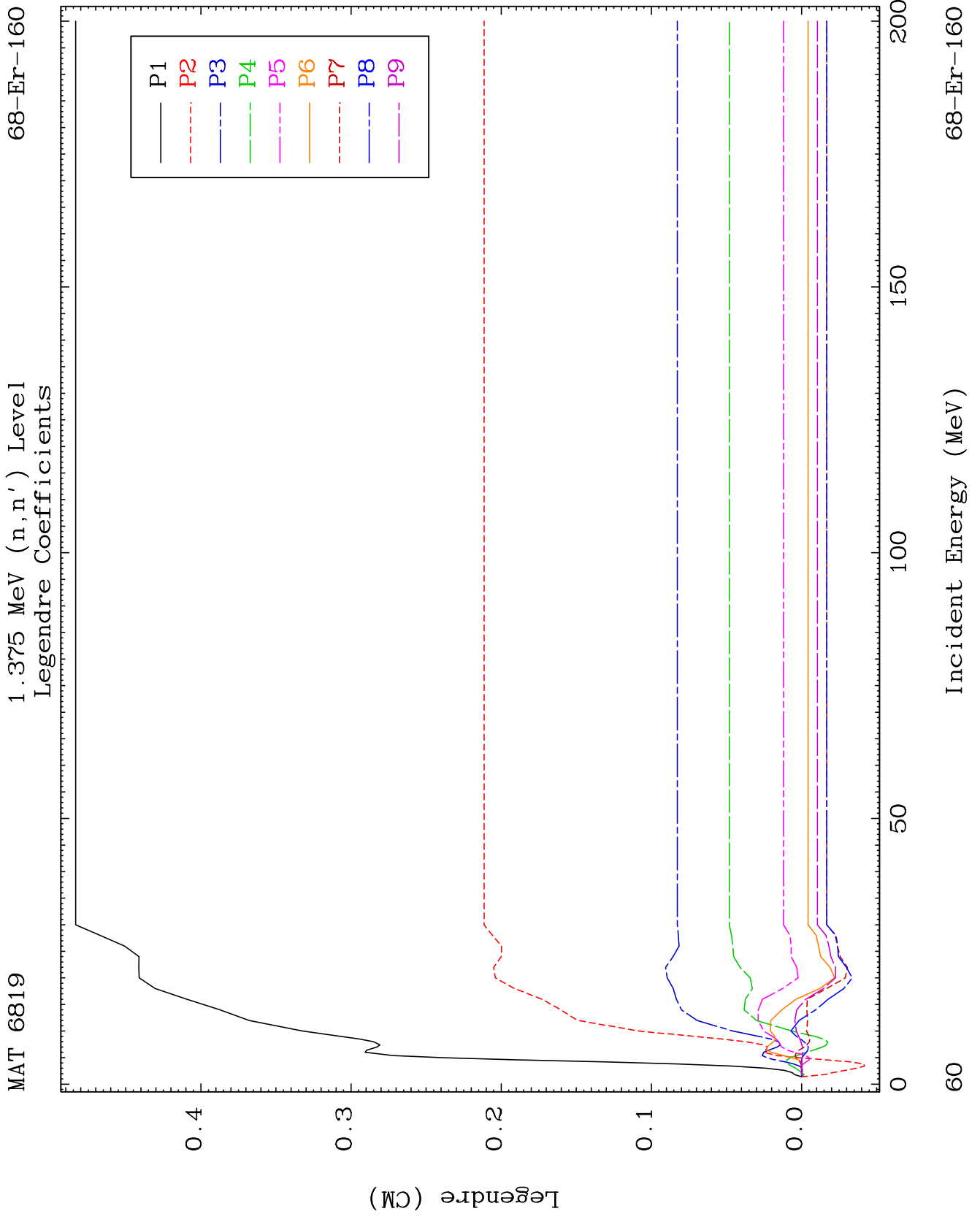
Incident Energy (MeV)

68-Er-160





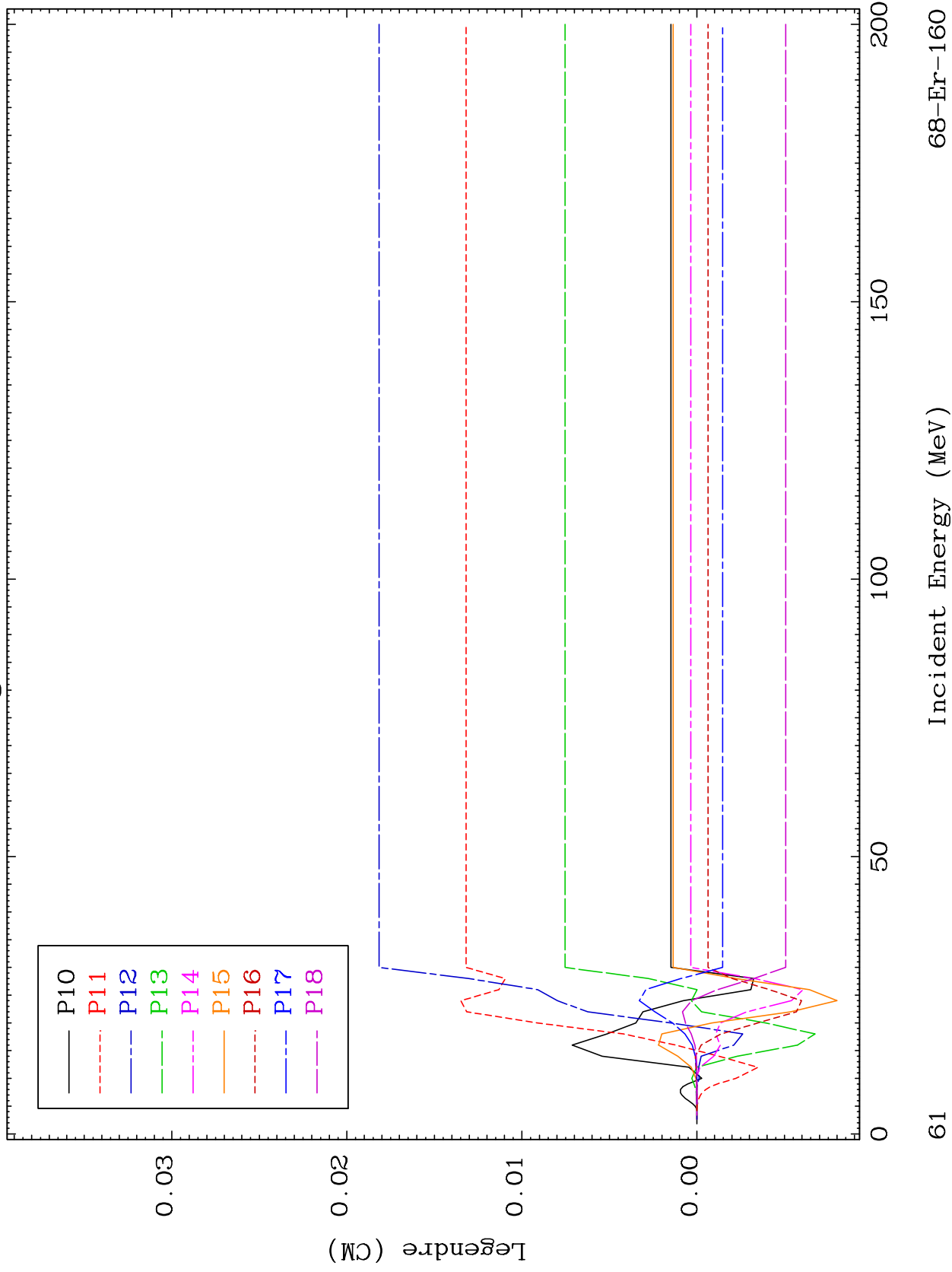




MAT 6819

1.375 MeV (n,n') Level
Legendre Coefficients

68-Er-160



61

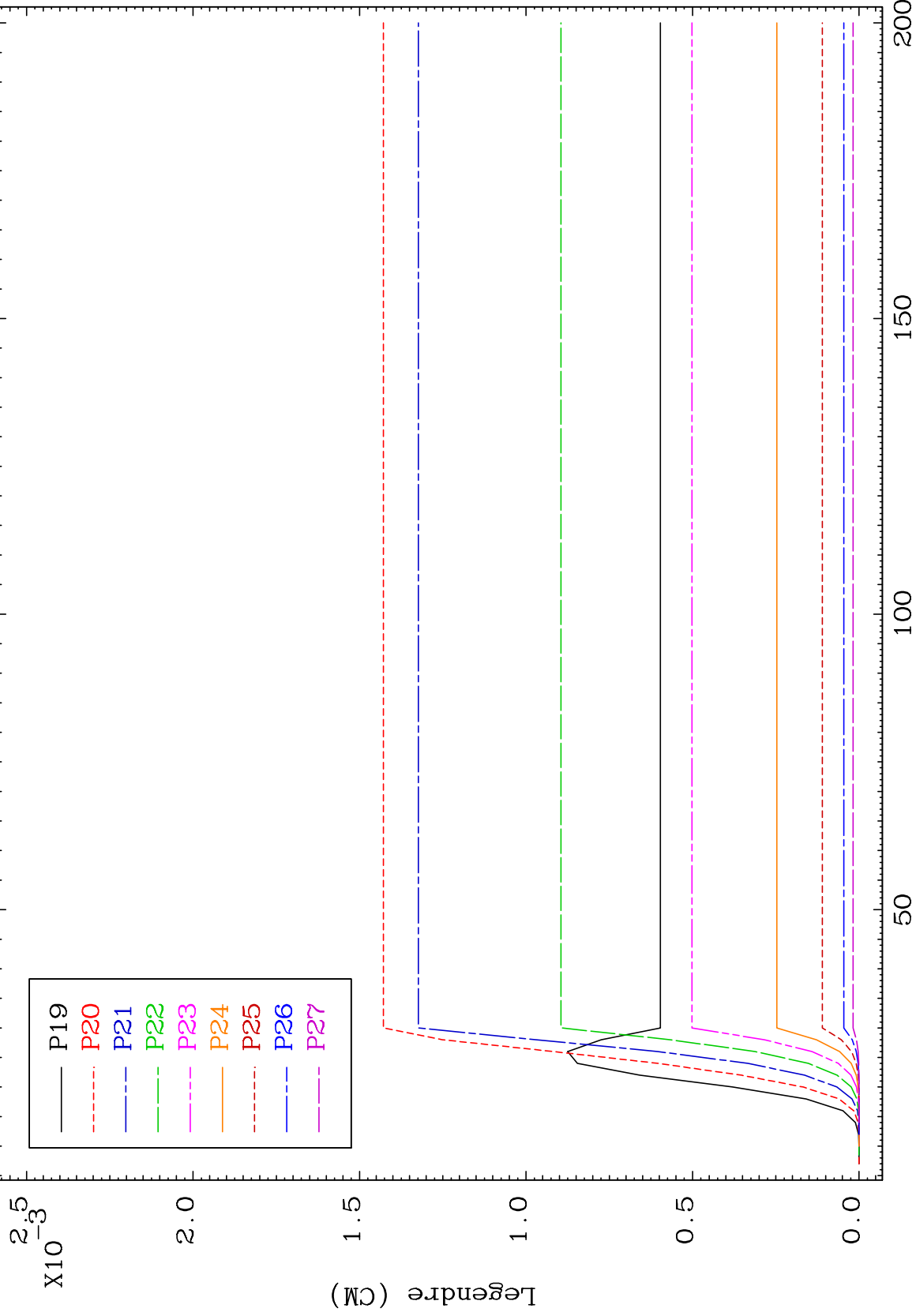
Incident Energy (MeV)

68-Er-160

MAT 6819

1.375 MeV (n,n') Level
Legendre Coefficients

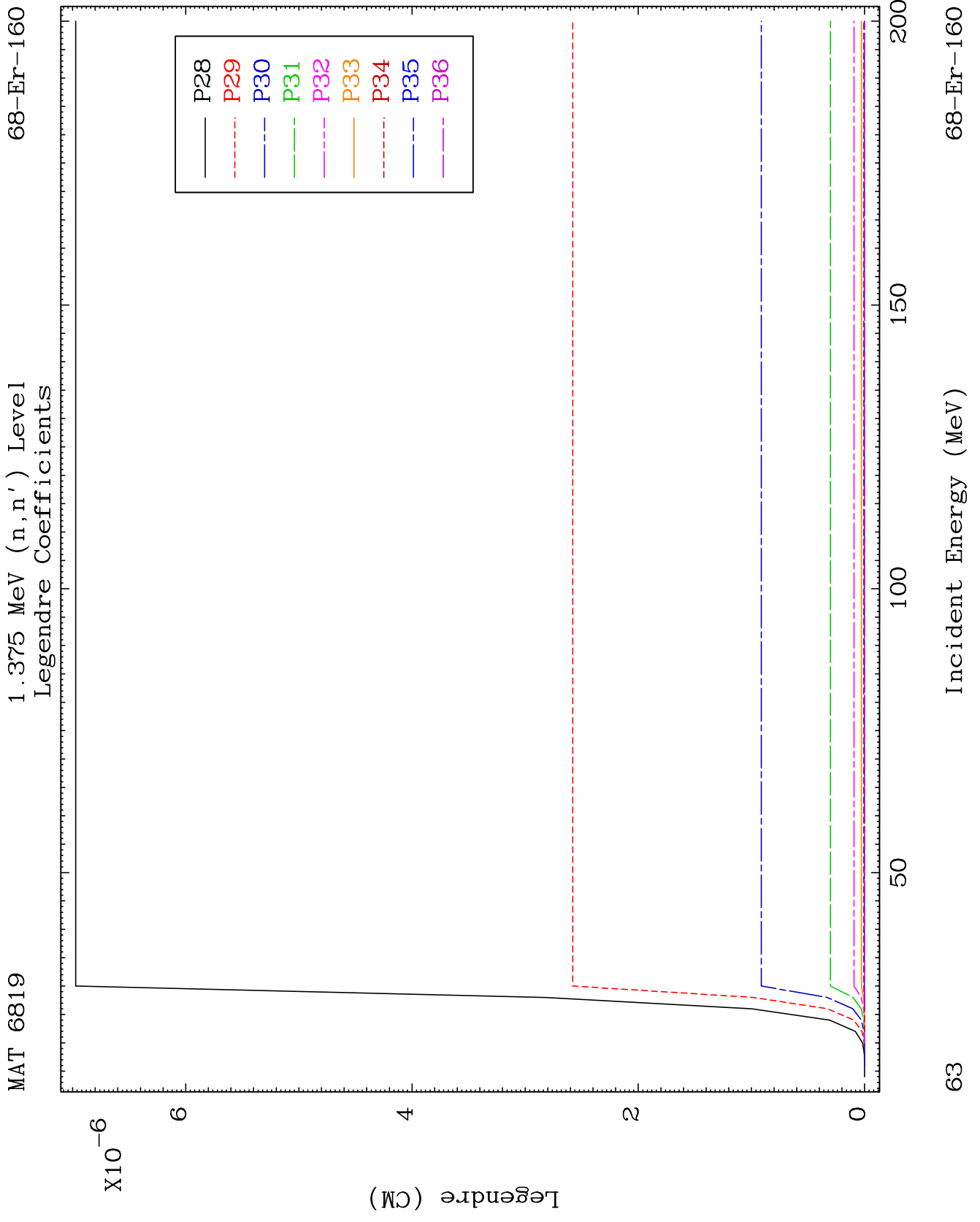
68-Er-160



62

Incident Energy (MeV)

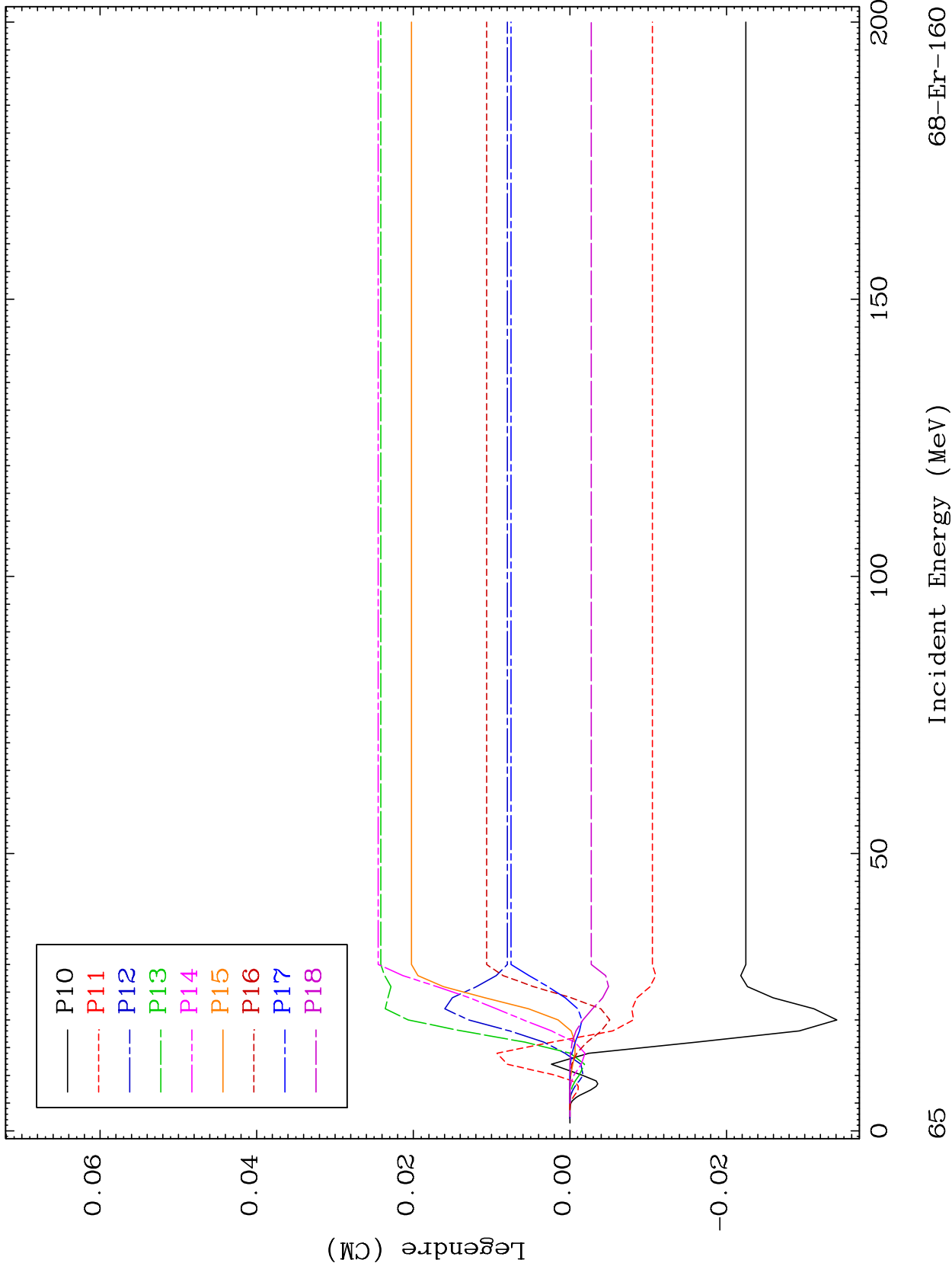
68-Er-160

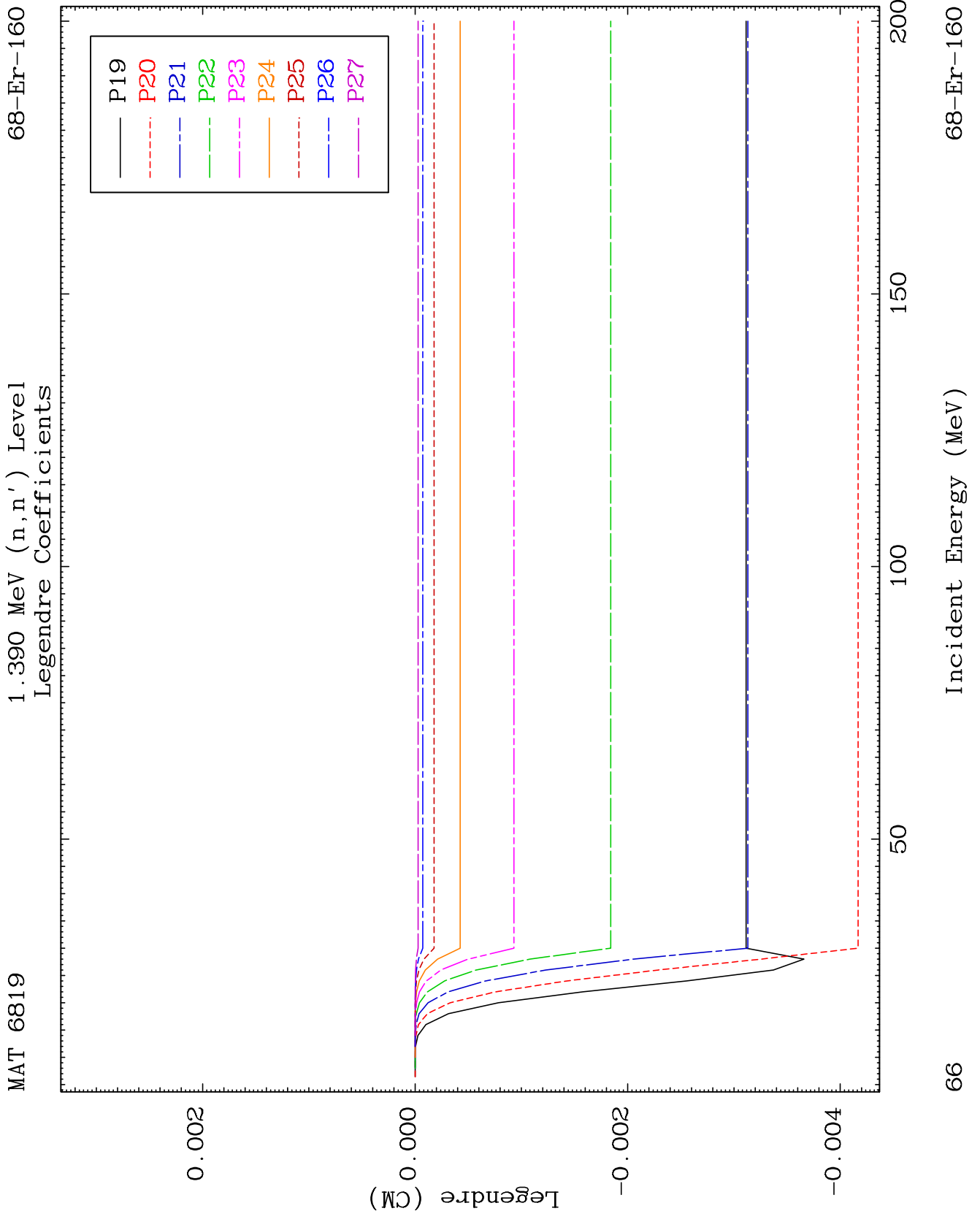


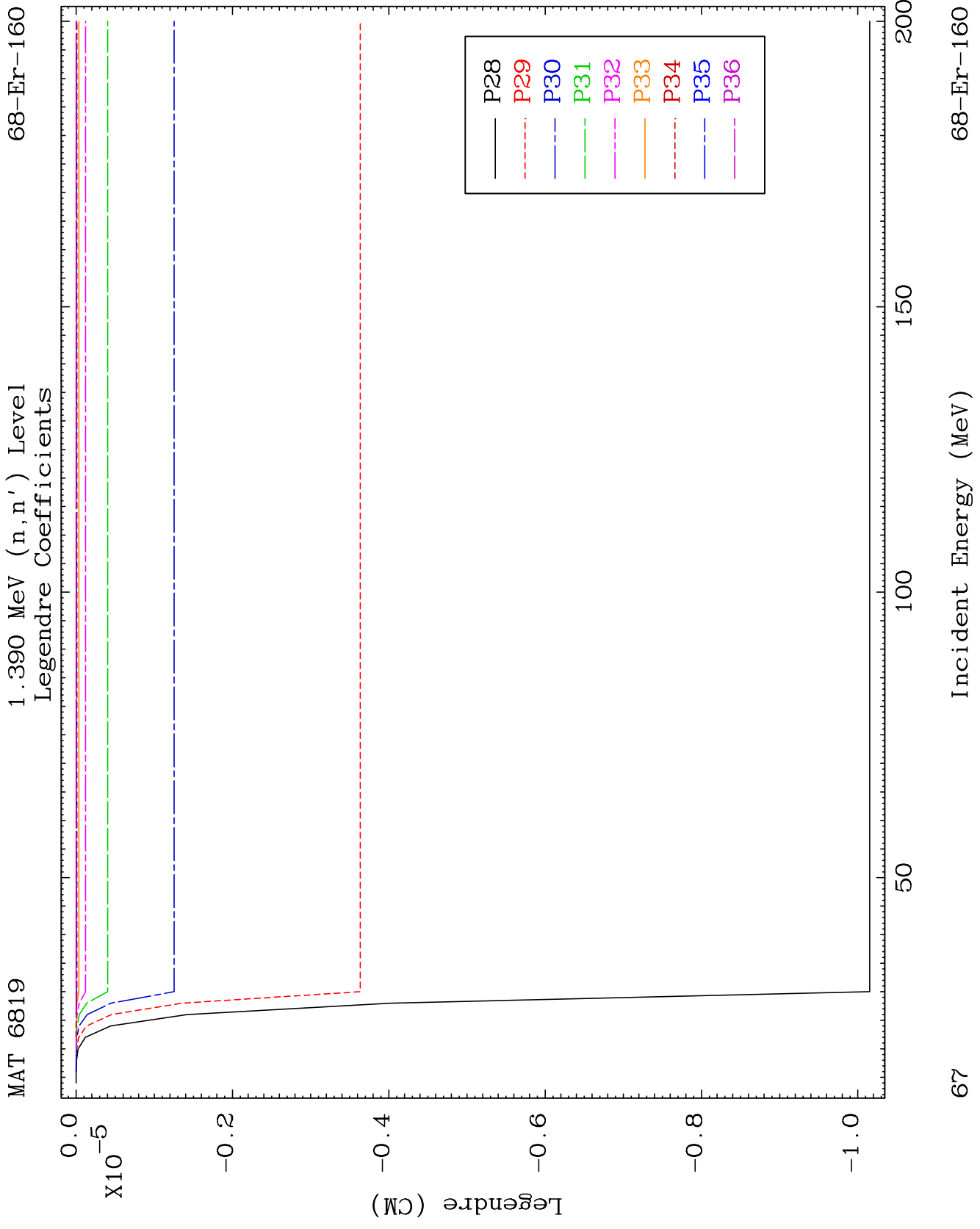
MAT 6819

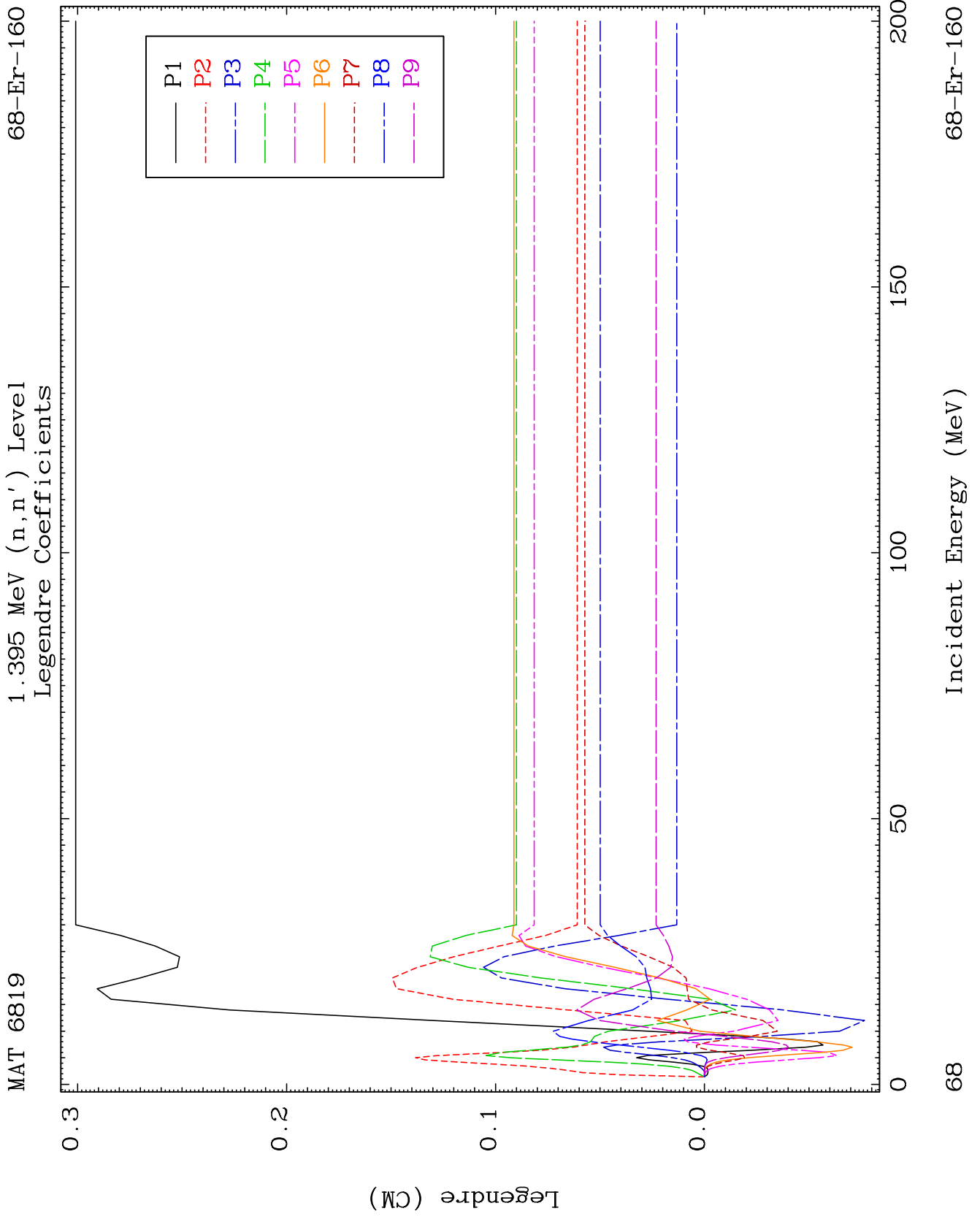
1.390 MeV (n,n') Level
Legendre Coefficients

68-Er-160





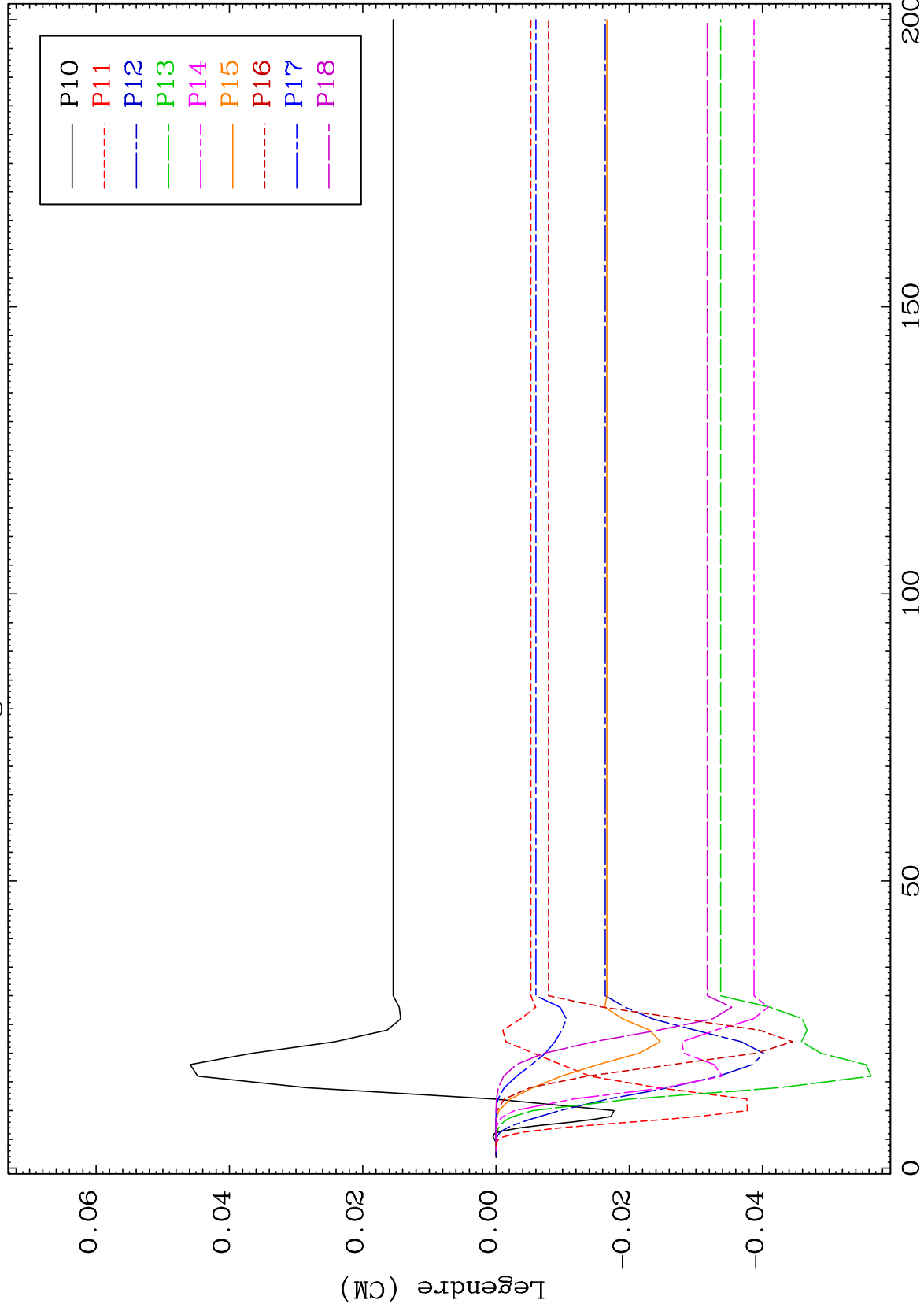




MAT 6819

1.395 MeV (n,n') Level
Legendre Coefficients

68-Er-160



69

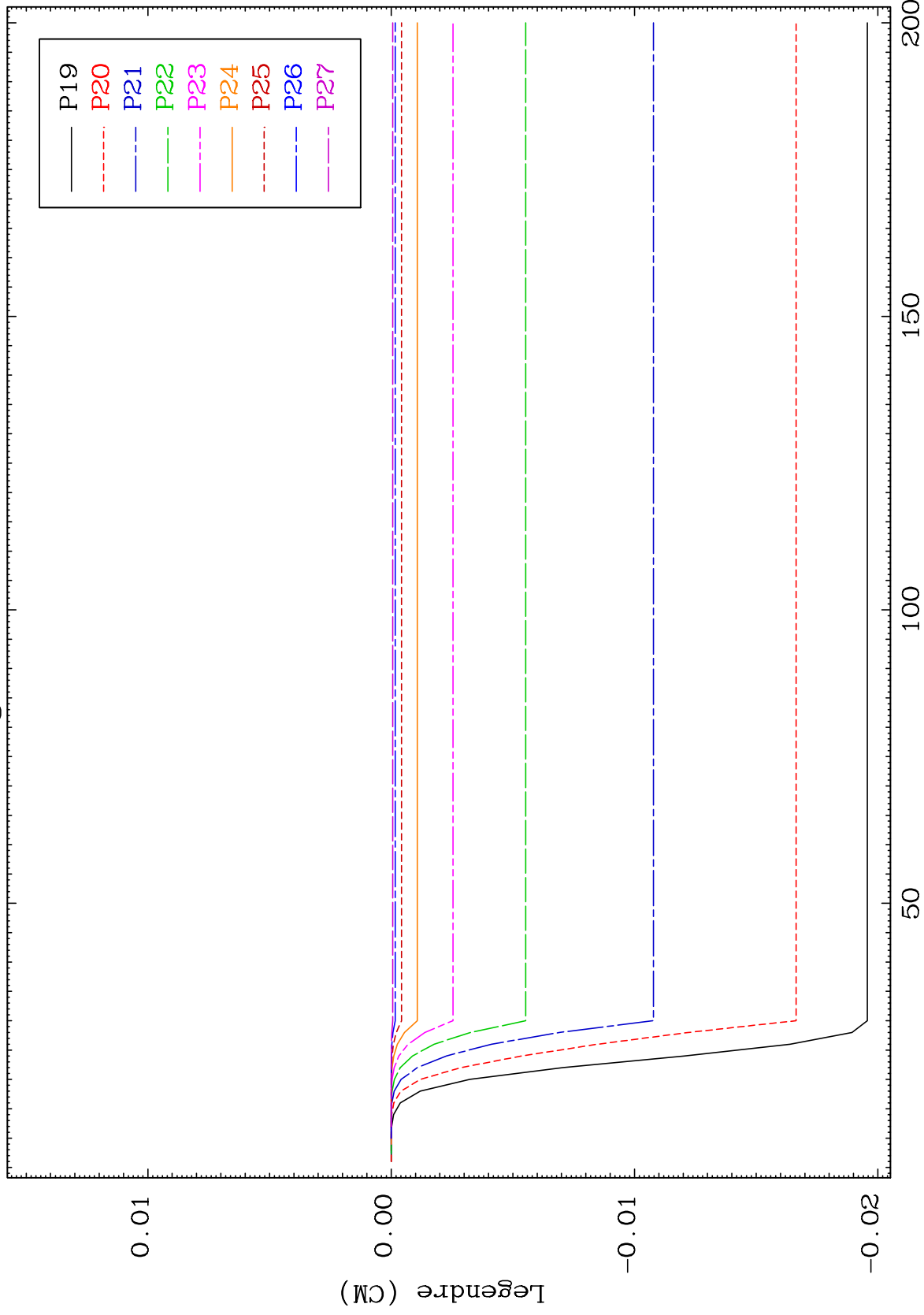
Incident Energy (MeV)

68-Er-160

MAT 6819

1.395 MeV (n,n') Level
Legendre Coefficients

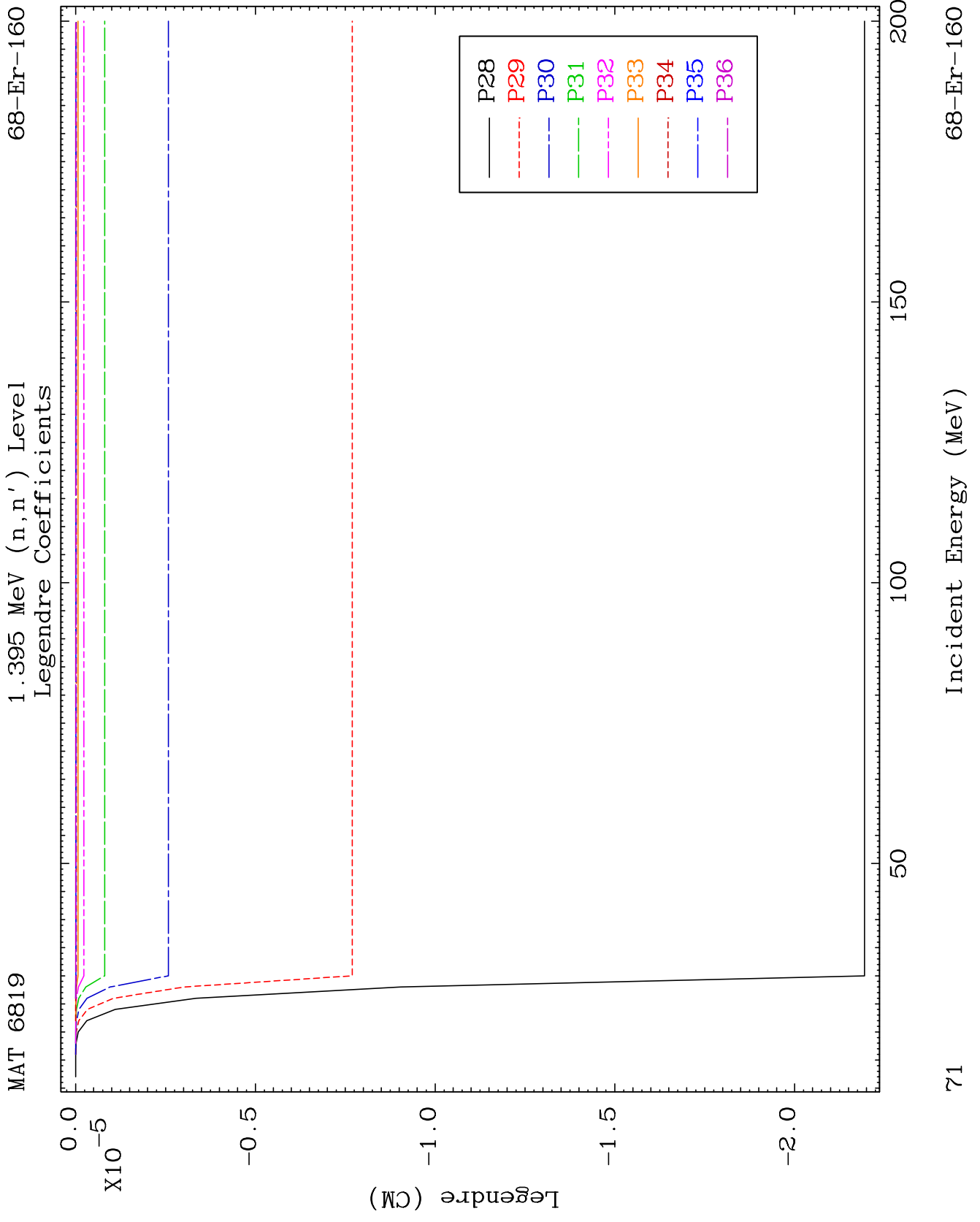
68-Er-160



70

Incident Energy (MeV)

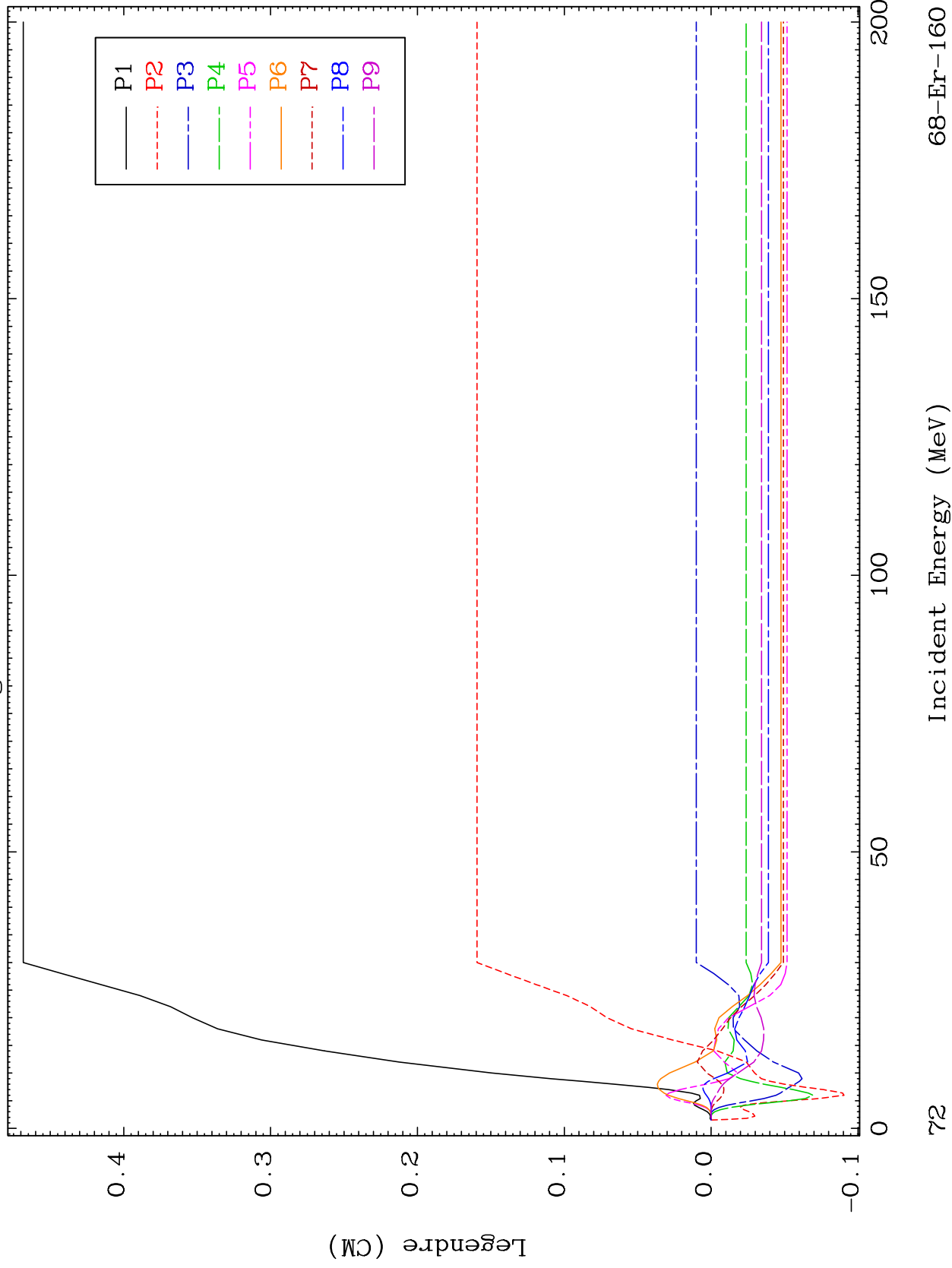
68-Er-160



MAT 6819

1.494 MeV (n,n') Level
Legendre Coefficients

68-Er-160



72

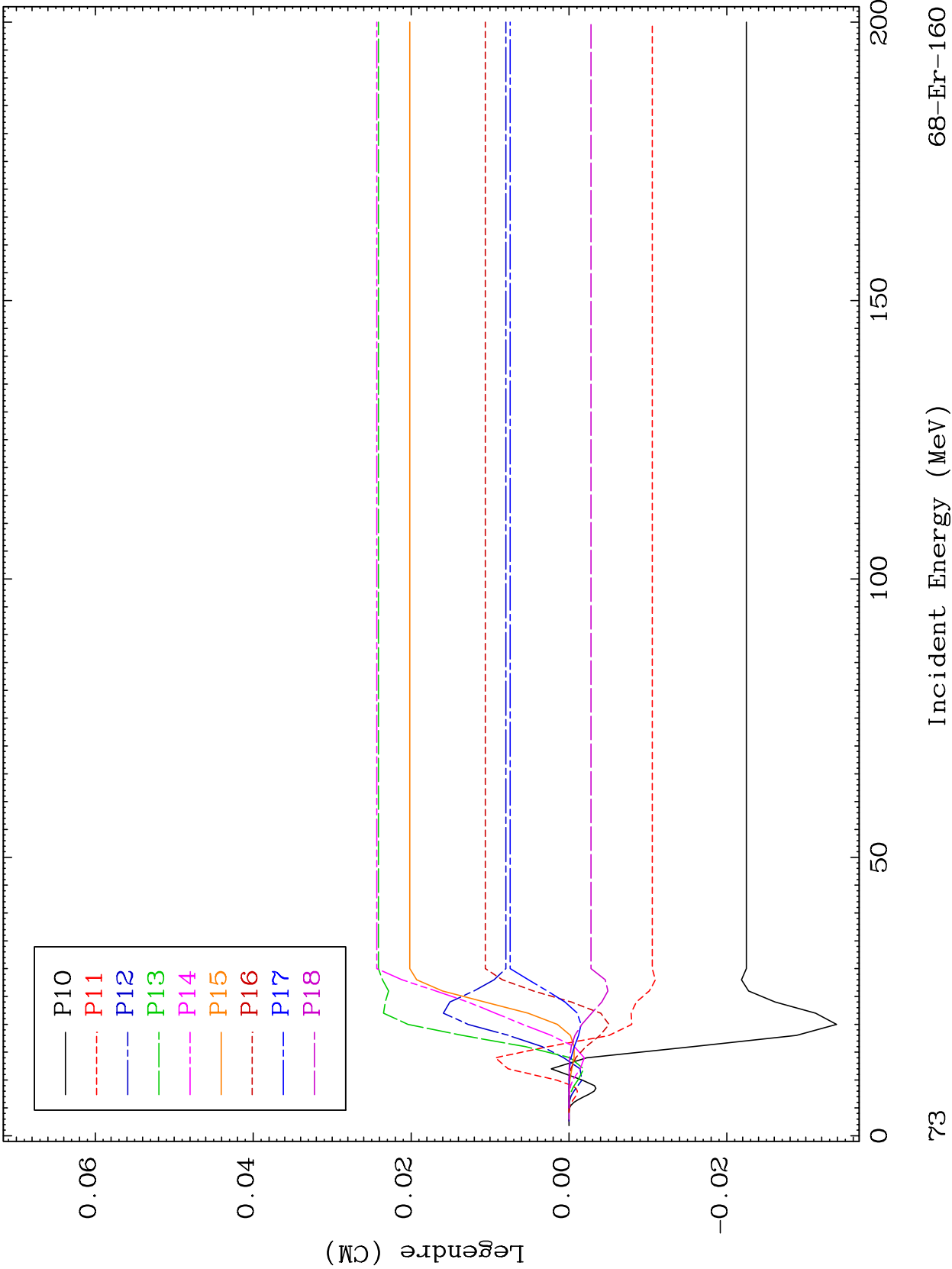
Incident Energy (MeV)

68-Er-160

MAT 6819

1.494 MeV (n,n') Level
Legendre Coefficients

68-Er-160



73

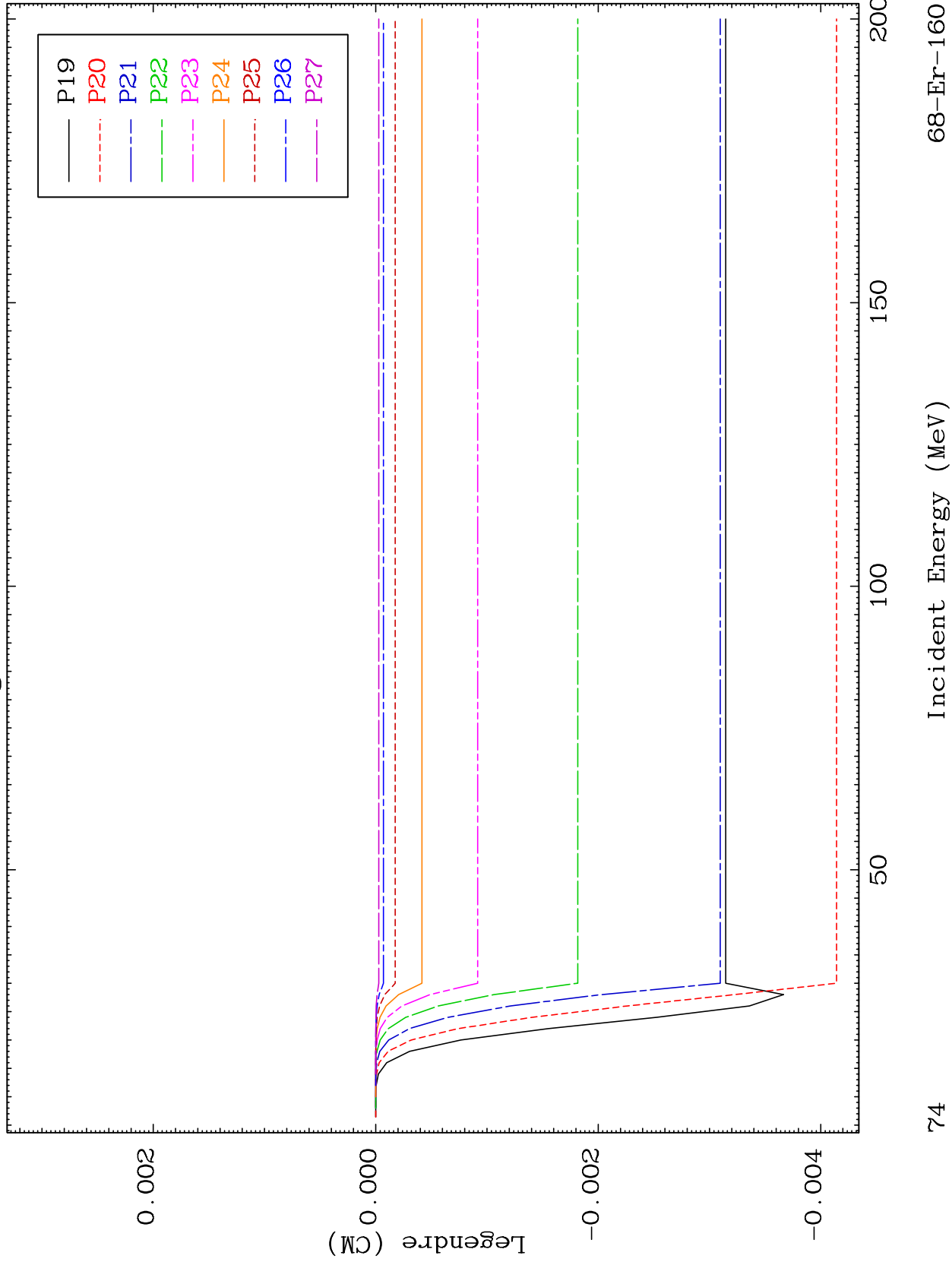
Incident Energy (MeV)

68-Er-160

MAT 6819

1.494 MeV (n,n') Level
Legendre Coefficients

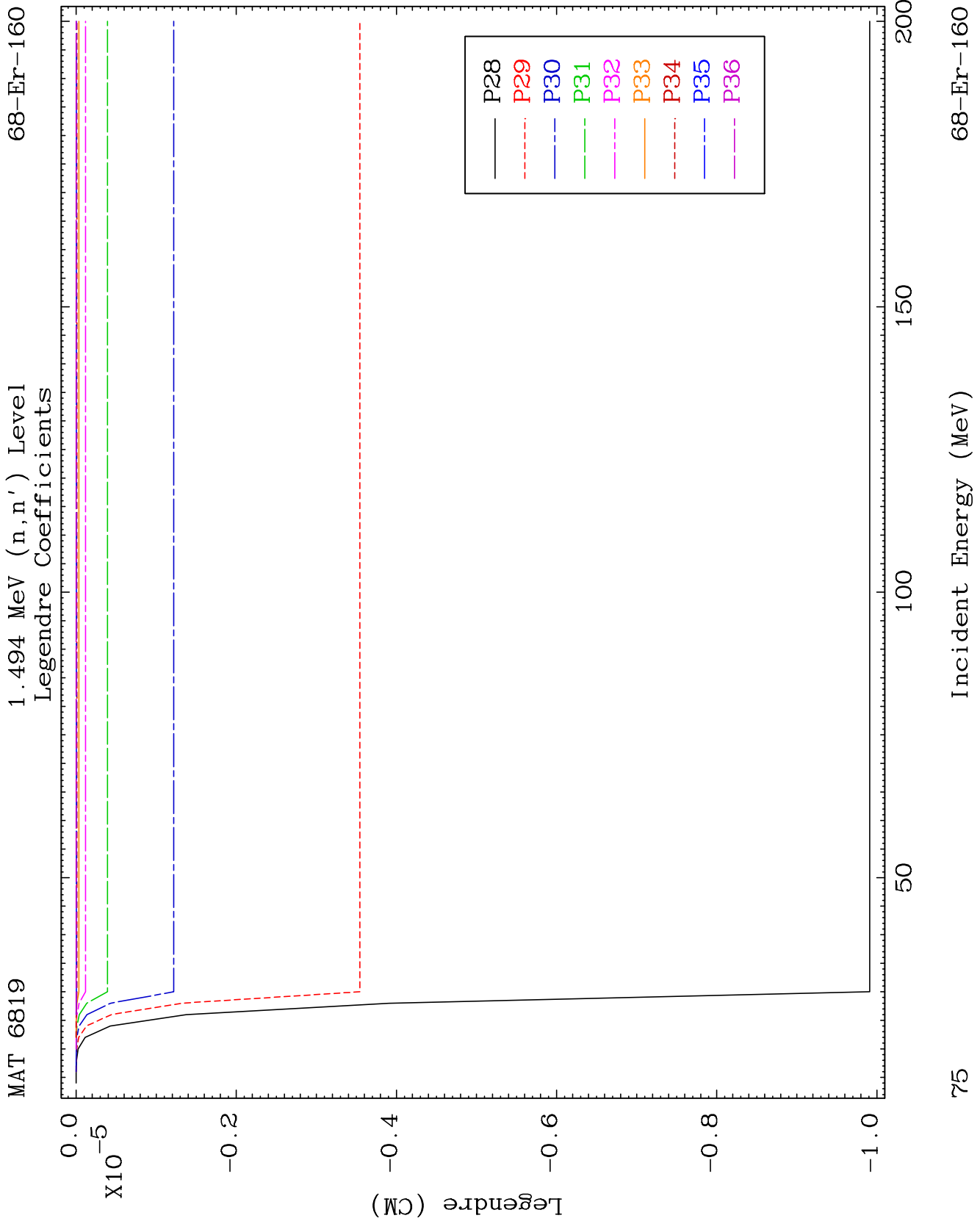
68-Er-160



74

Incident Energy (MeV)

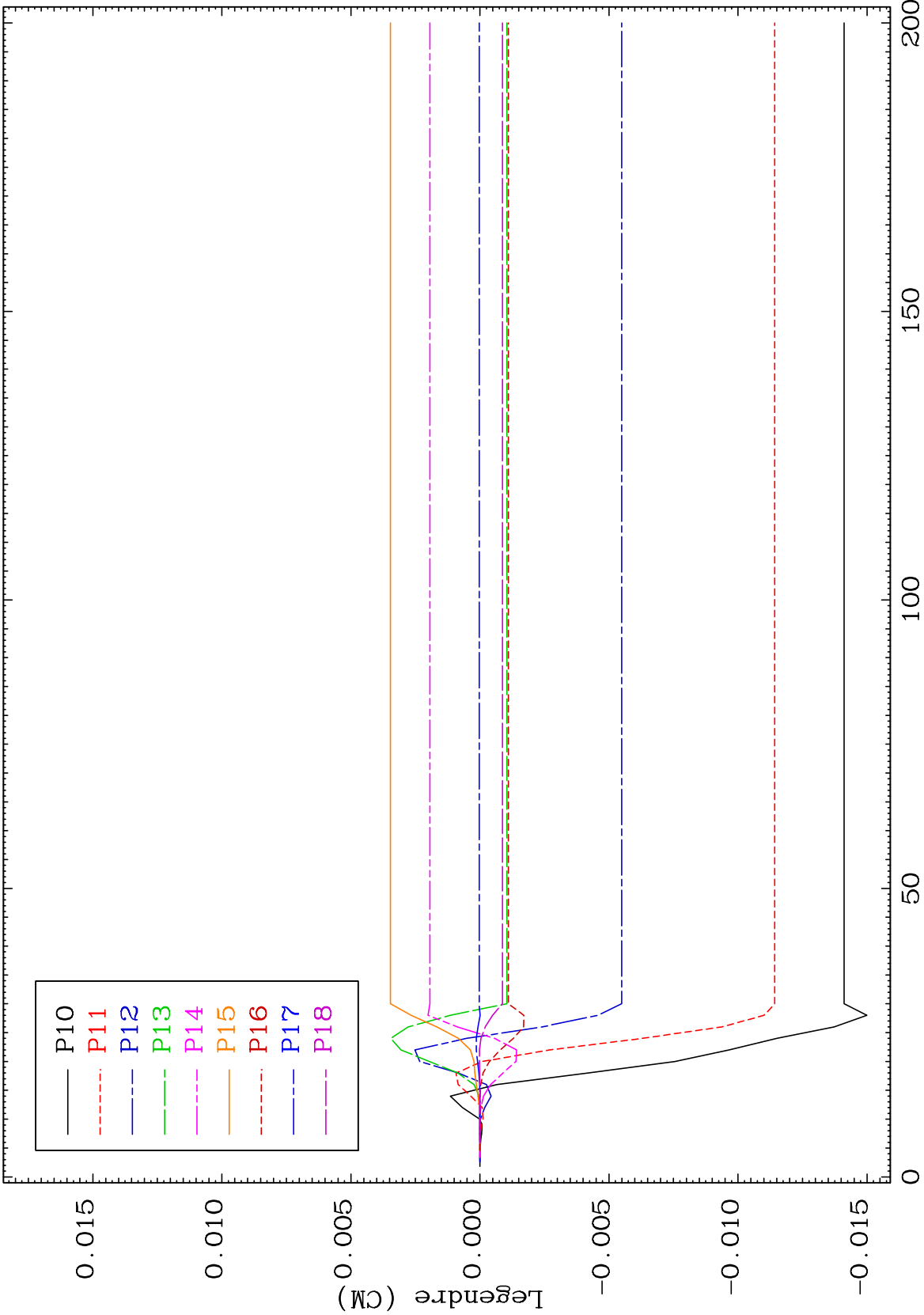
68-Er-160



MAT 6819

1.506 MeV (n,n') Level
Legendre Coefficients

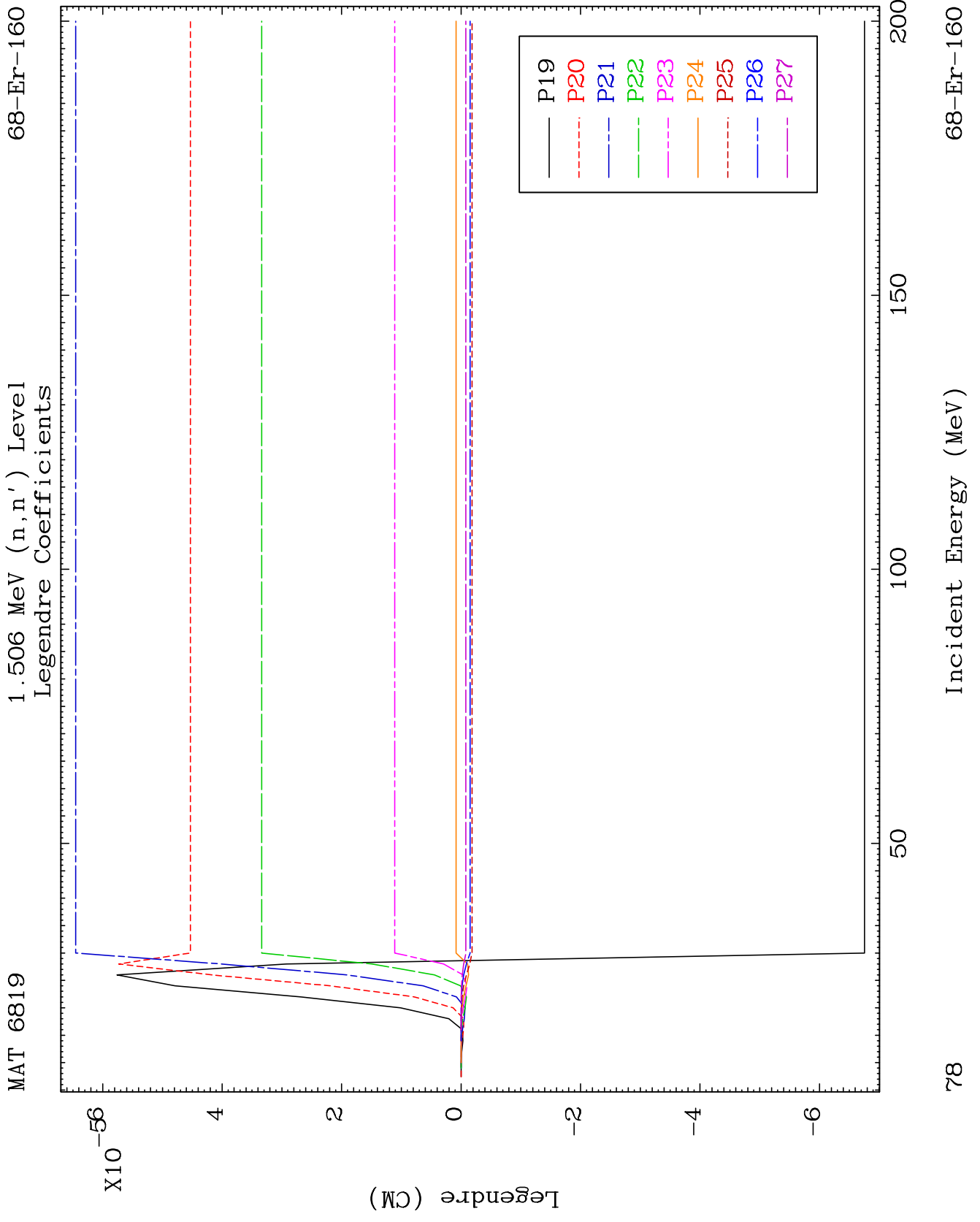
68-Er-160

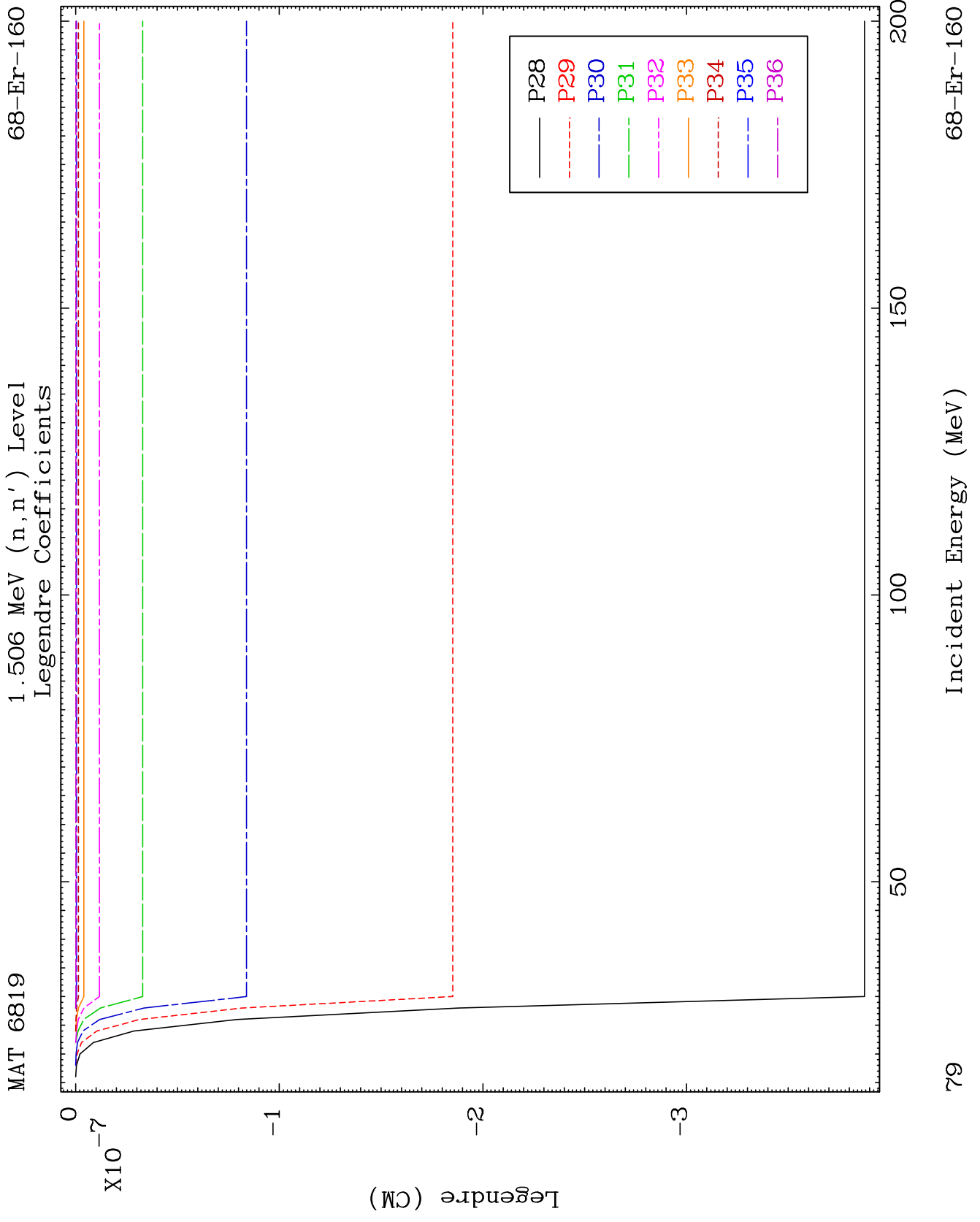


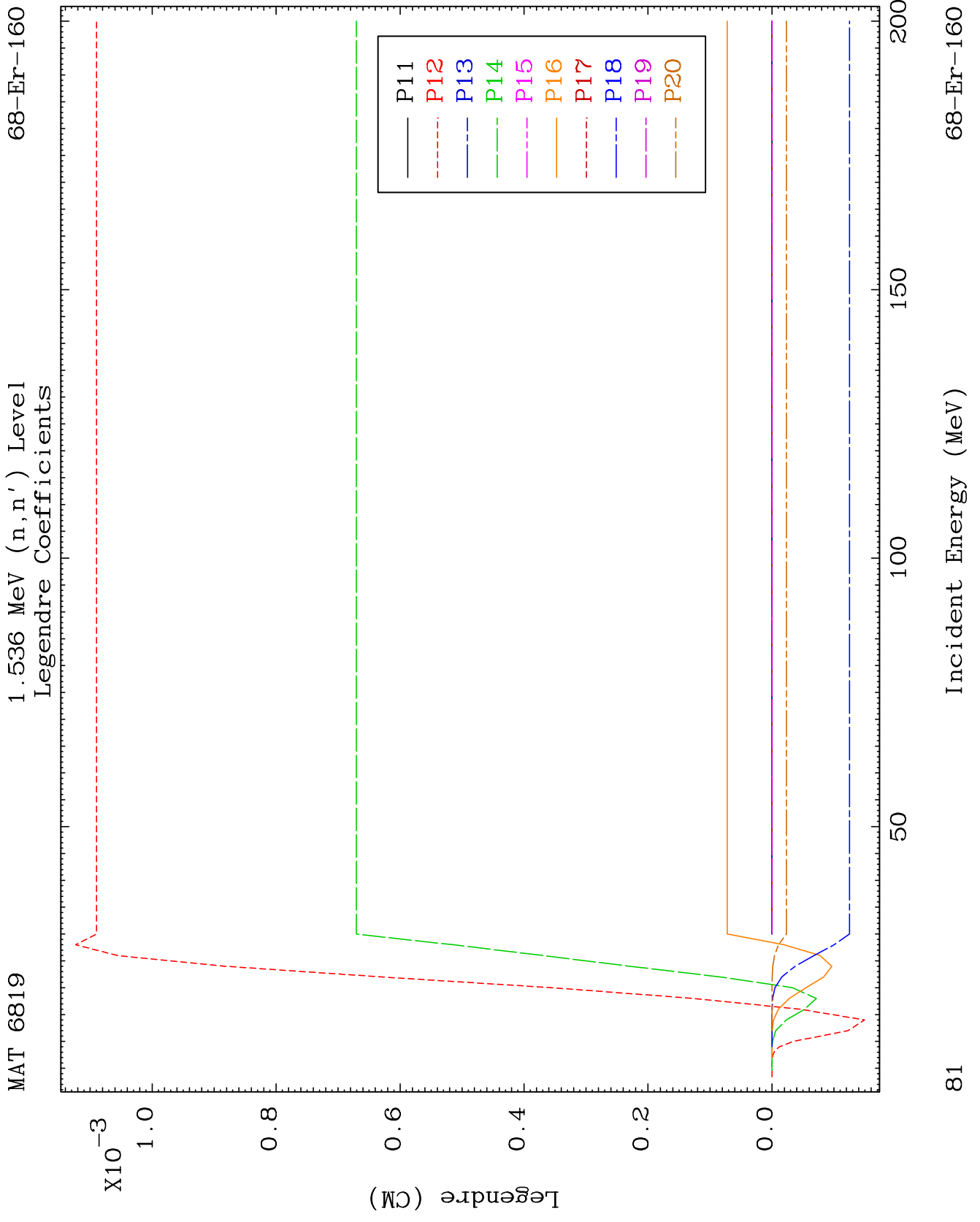
77

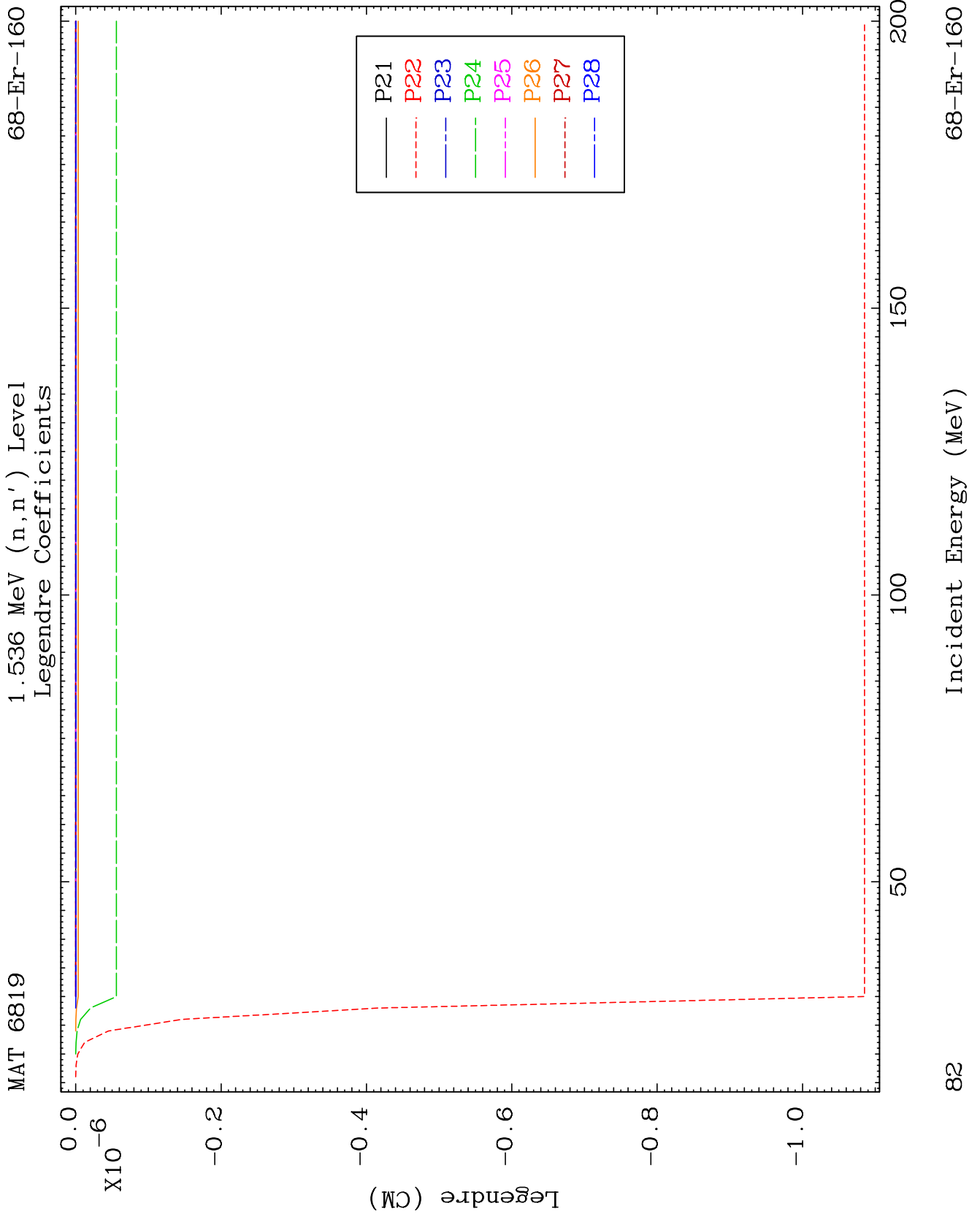
Incident Energy (MeV)

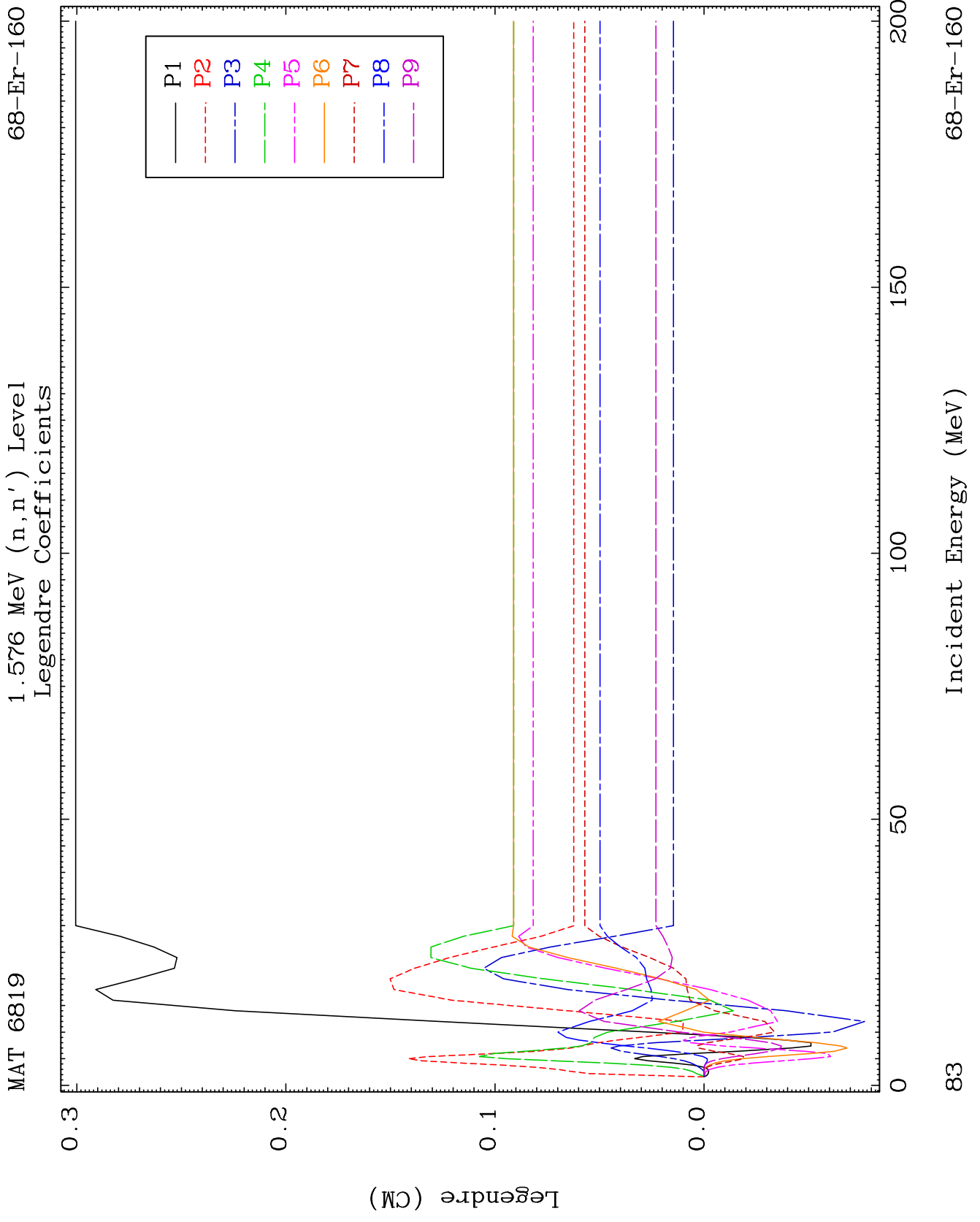
68-Er-160







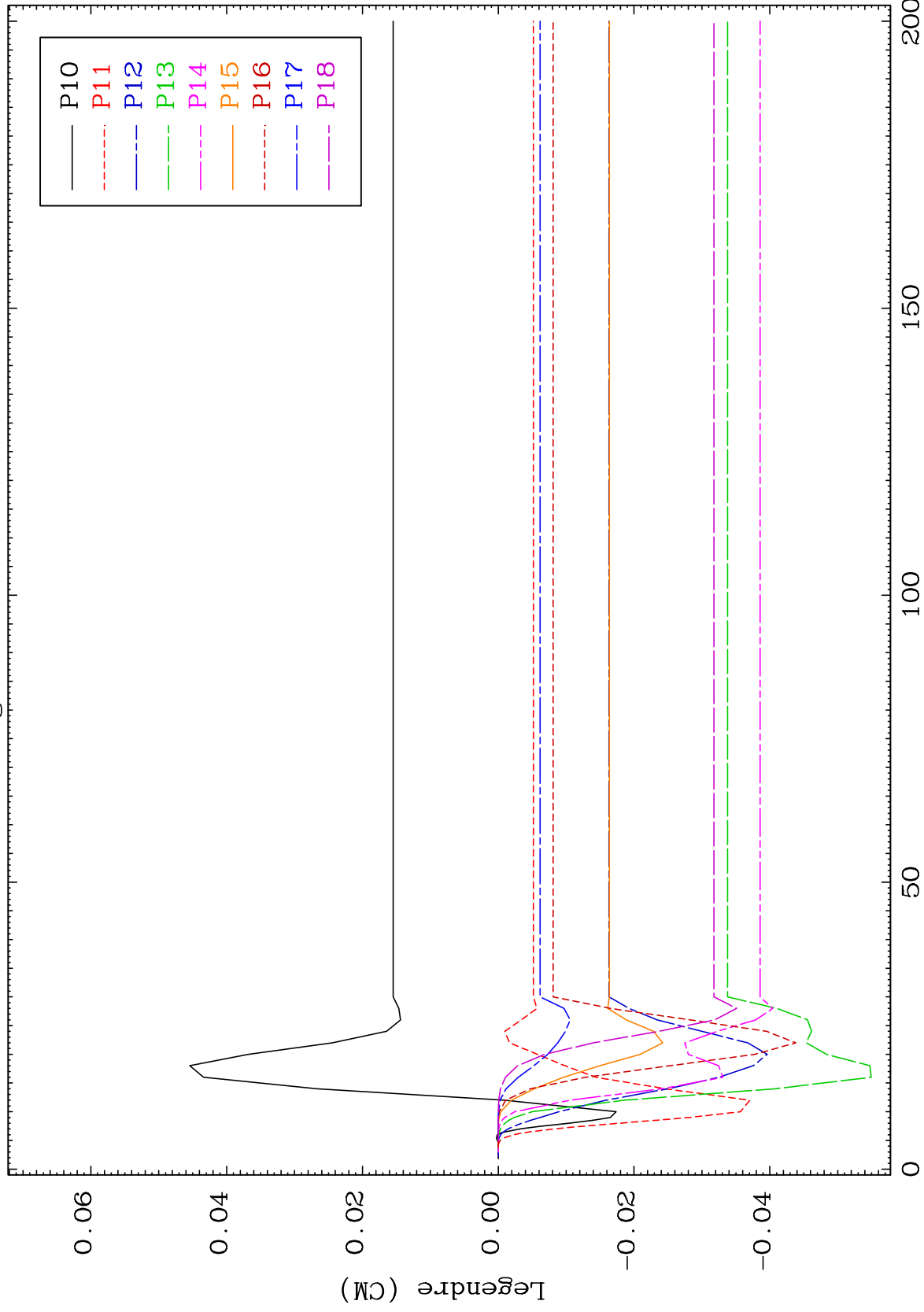




MAT 6819

1.576 MeV (n,n') Level
Legendre Coefficients

68-Er-160



84

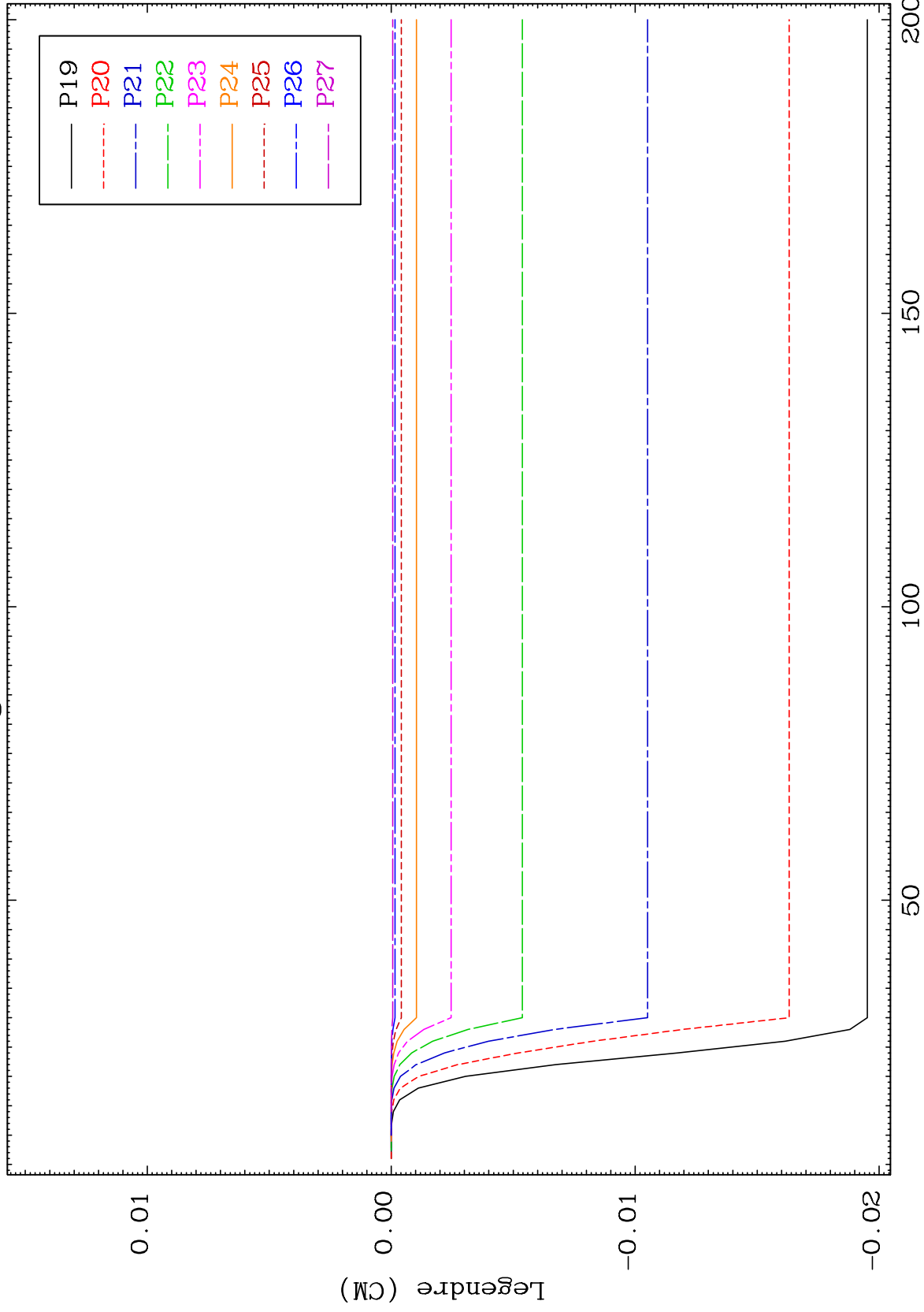
Incident Energy (MeV)

68-Er-160

MAT 6819

1.576 MeV (n,n') Level
Legendre Coefficients

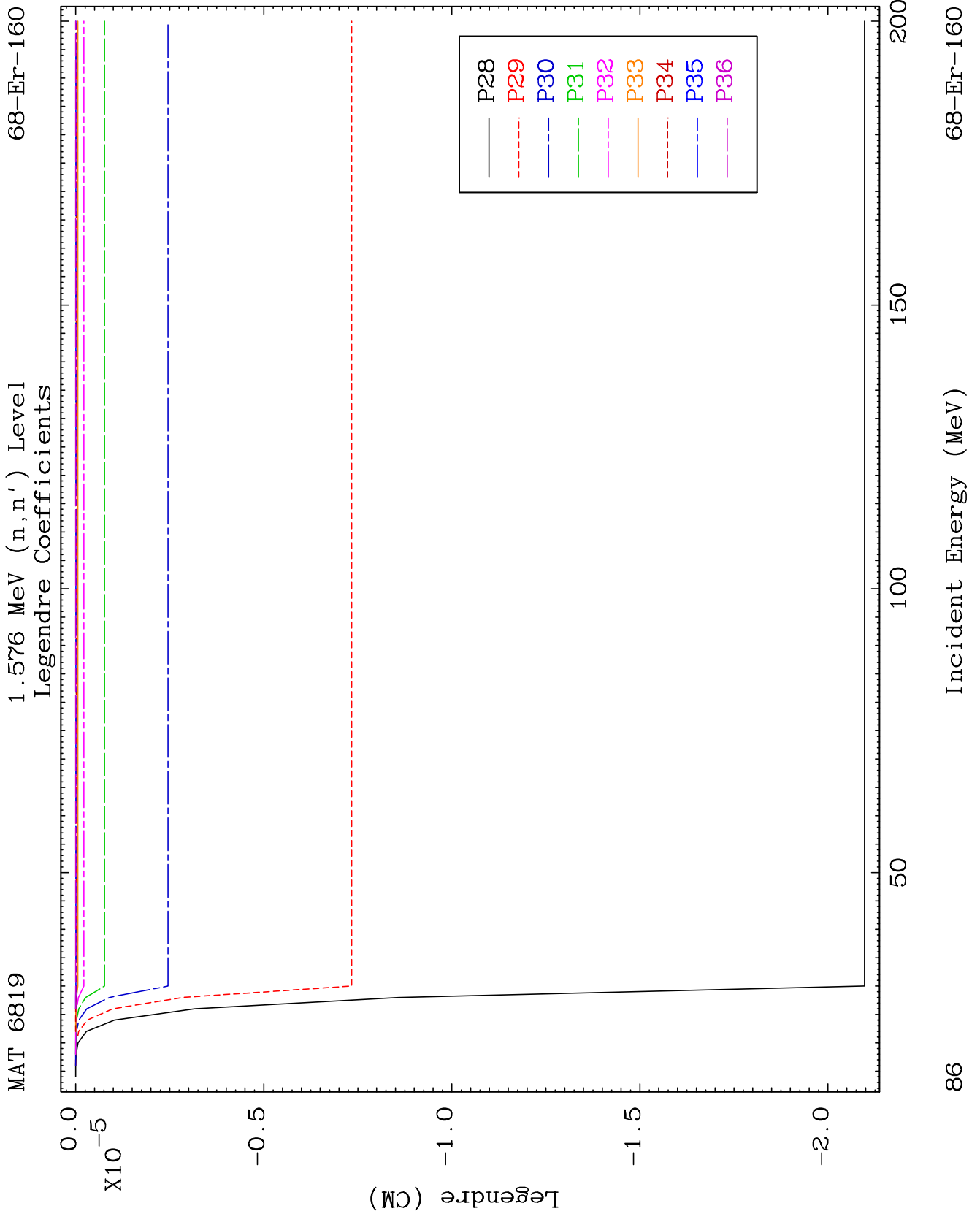
68-Er-160



85

Incident Energy (MeV)

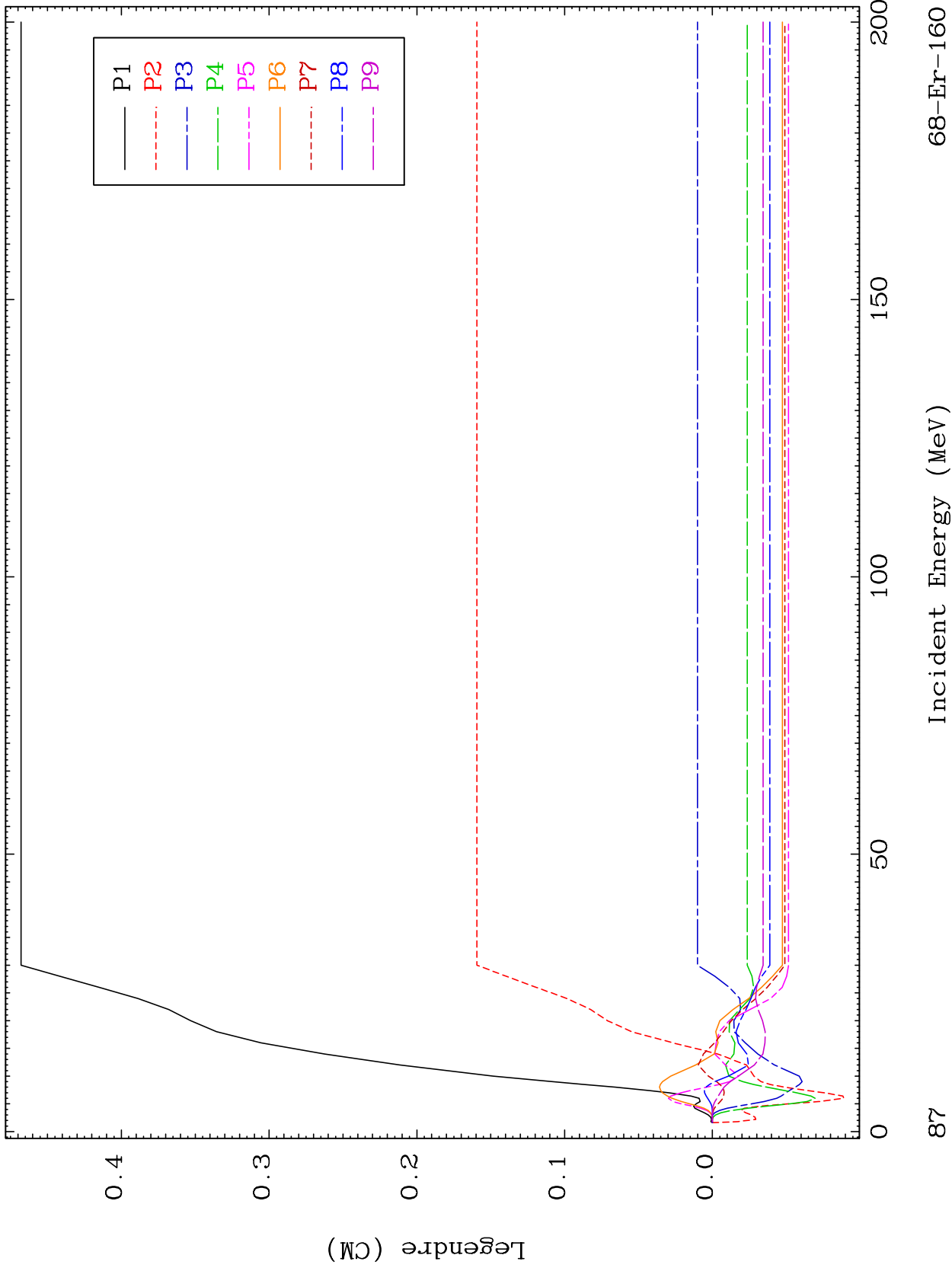
68-Er-160



MAT 6819

1.586 MeV (n,n') Level
Legendre Coefficients

68-Er-160



87

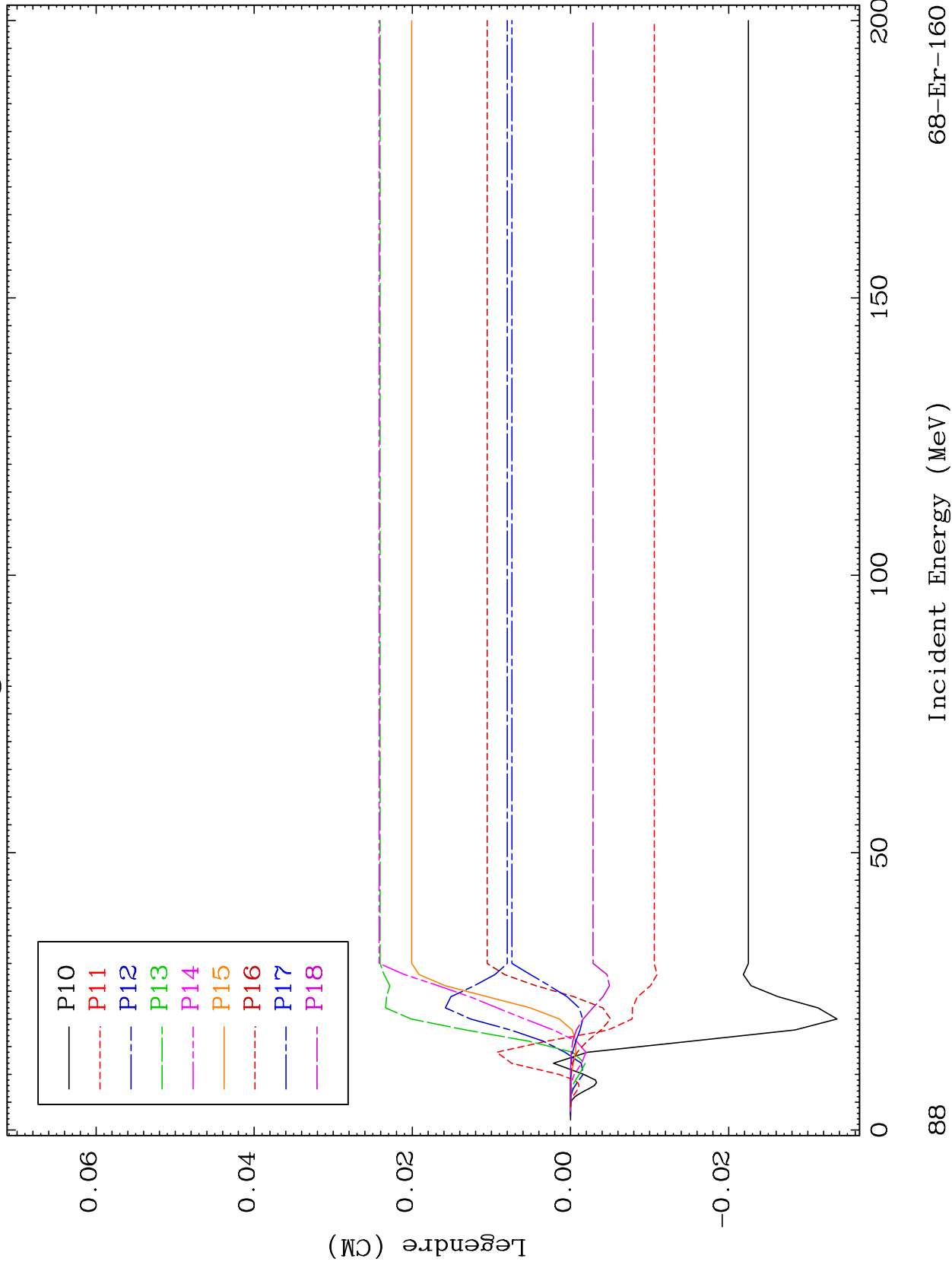
Incident Energy (MeV)

68-Er-160

MAT 6819

1.586 MeV (n,n') Level
Legendre Coefficients

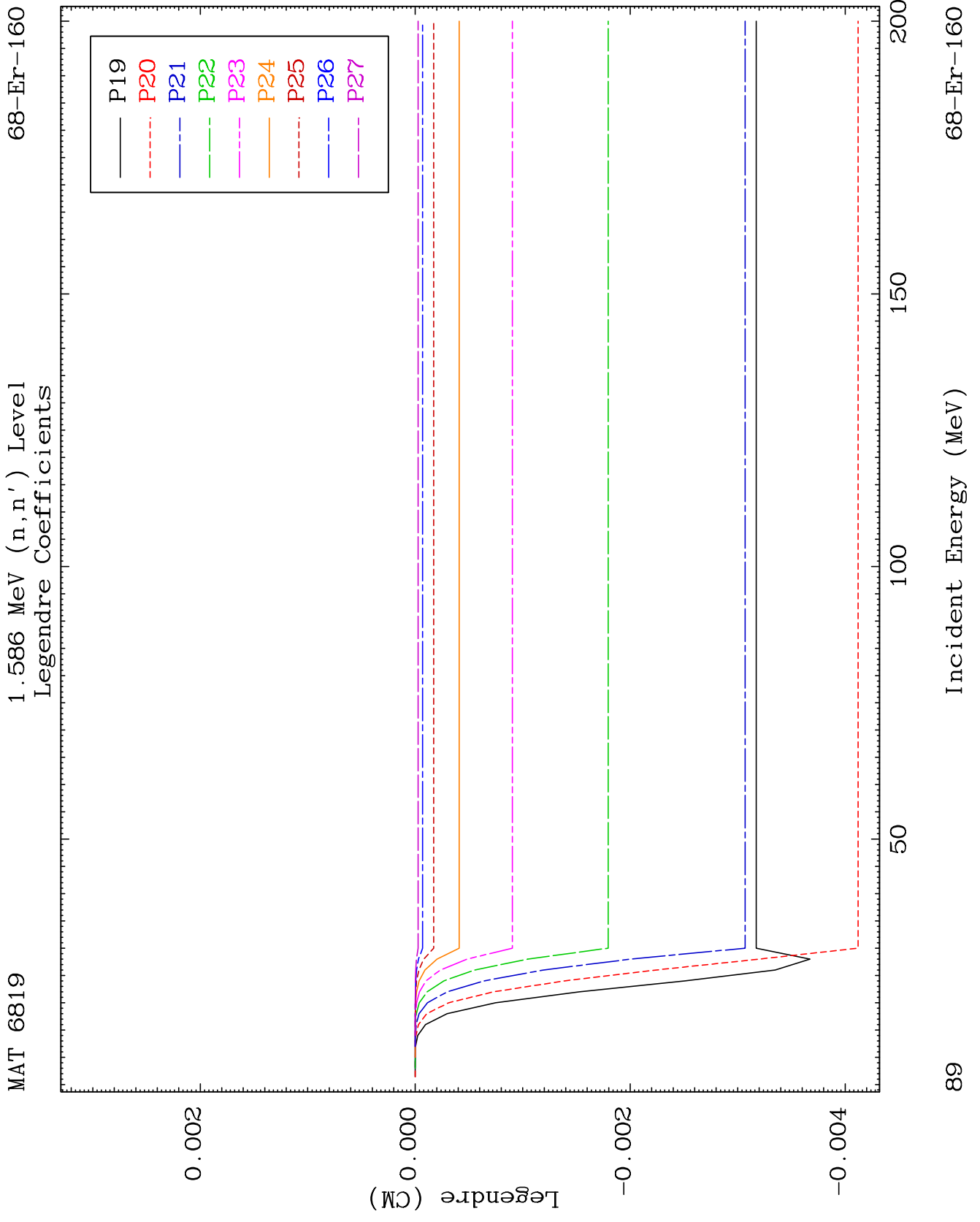
68-Er-160

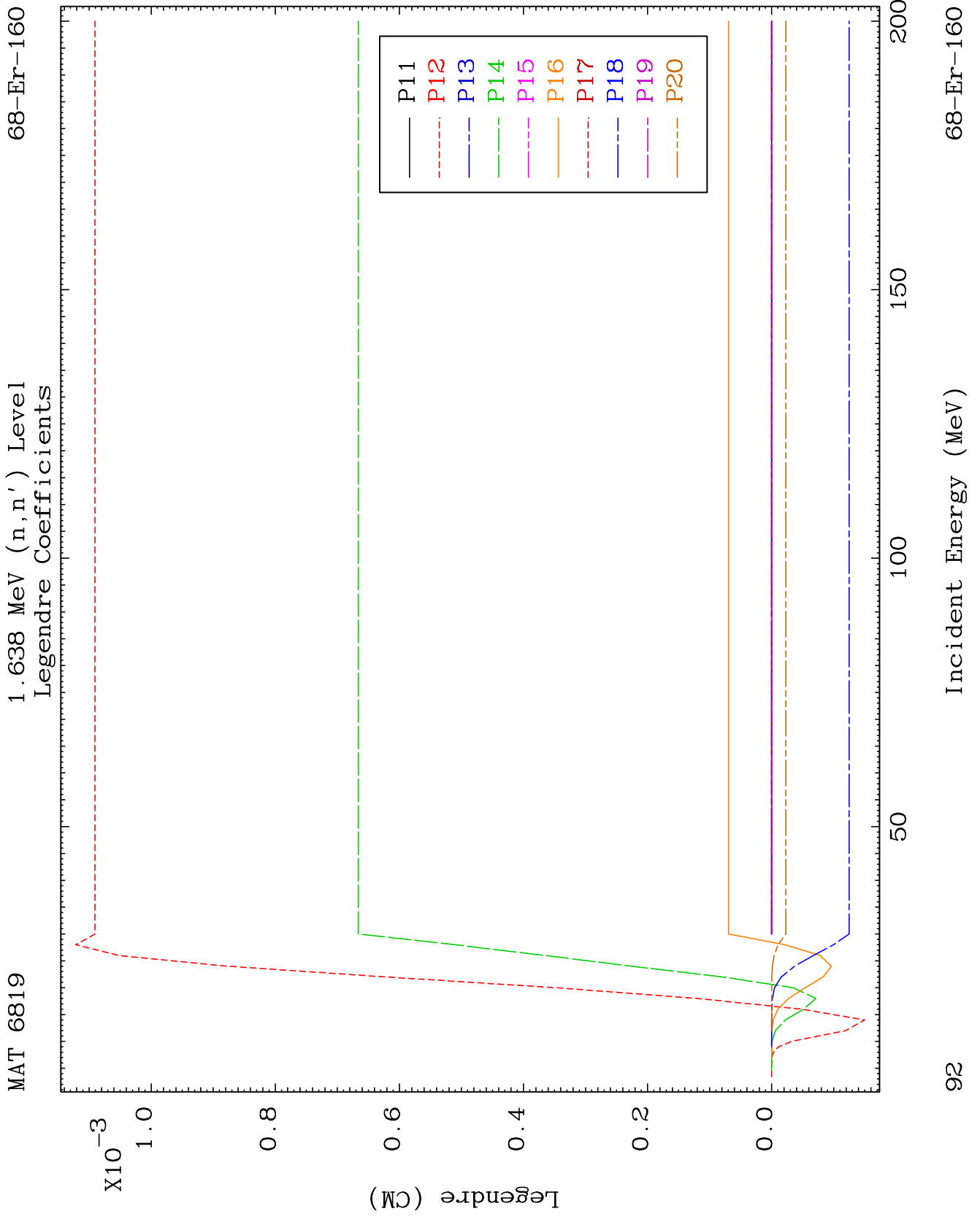


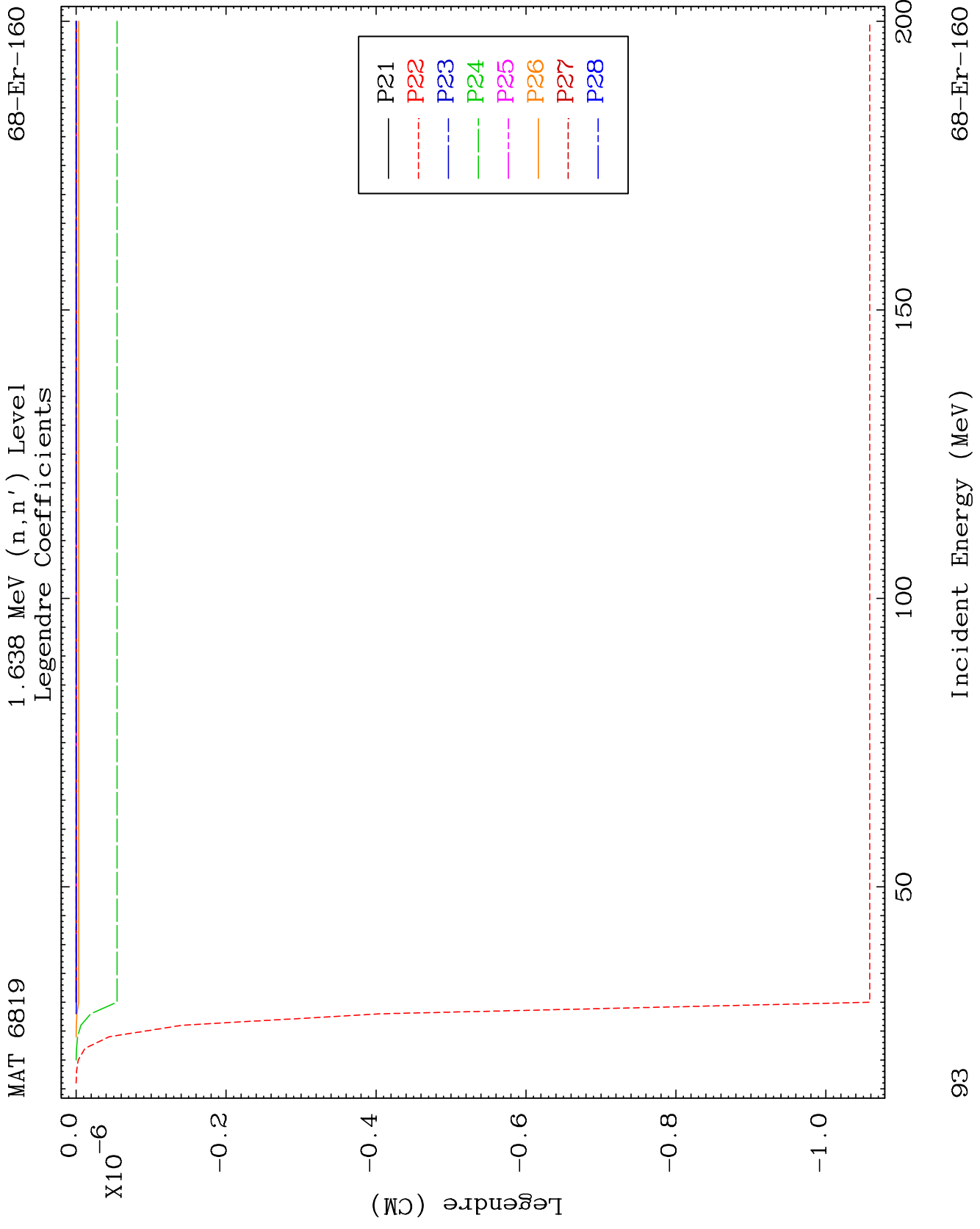
88

Incident Energy (MeV)

68-Er-160



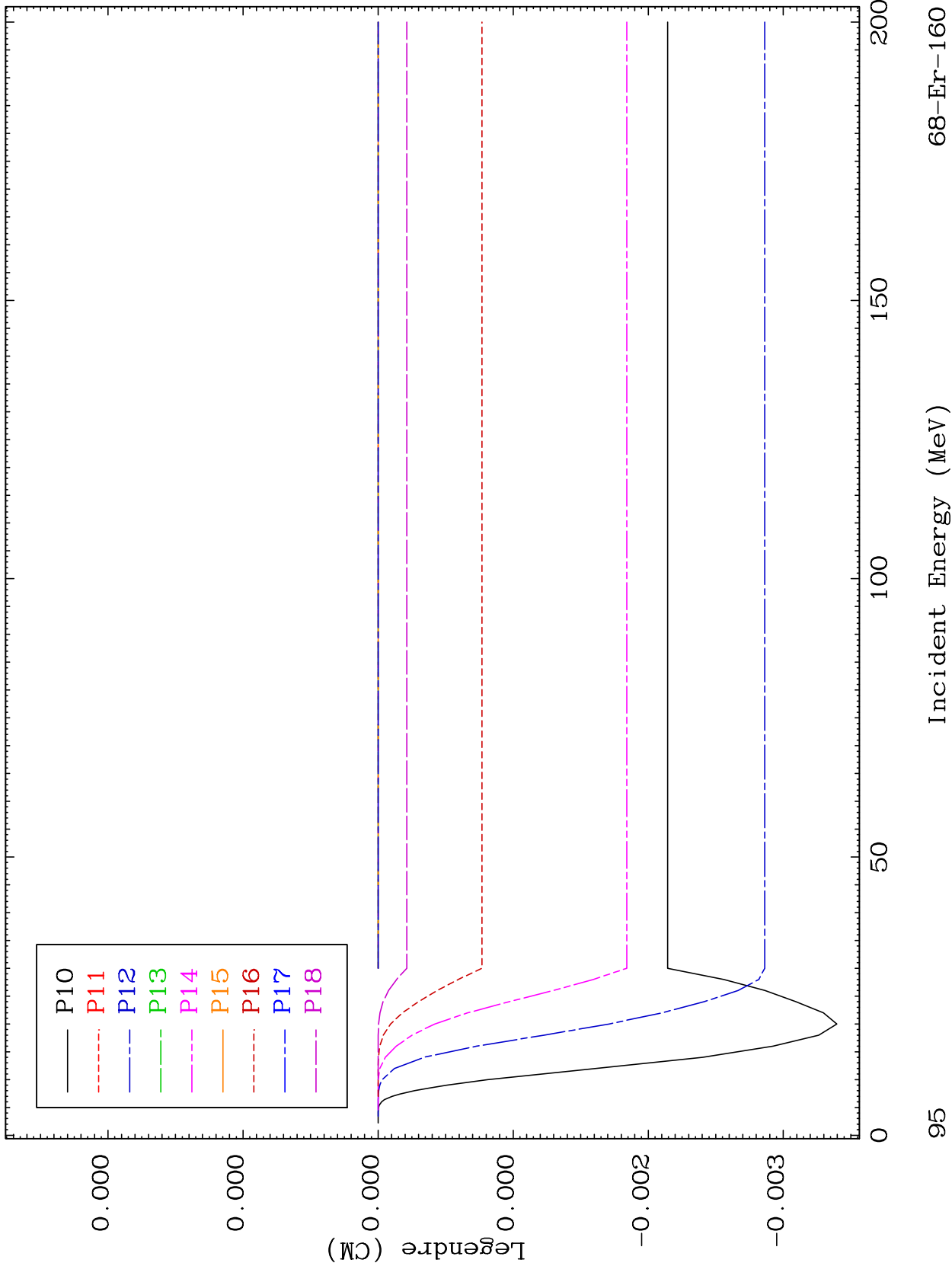




MAT 6819

1.652 MeV (n,n') Level
Legendre Coefficients

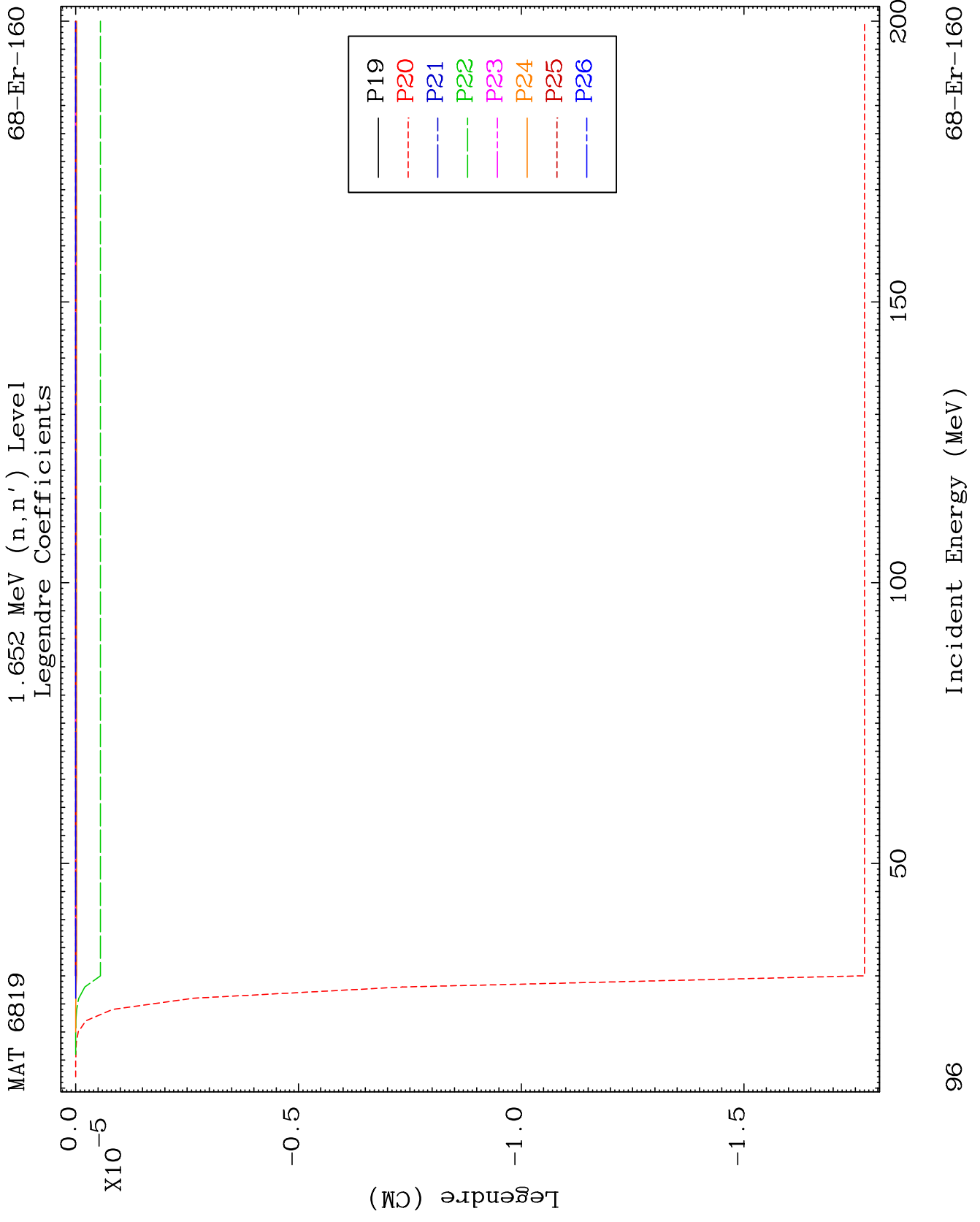
68-Er-160



95

Incident Energy (MeV)

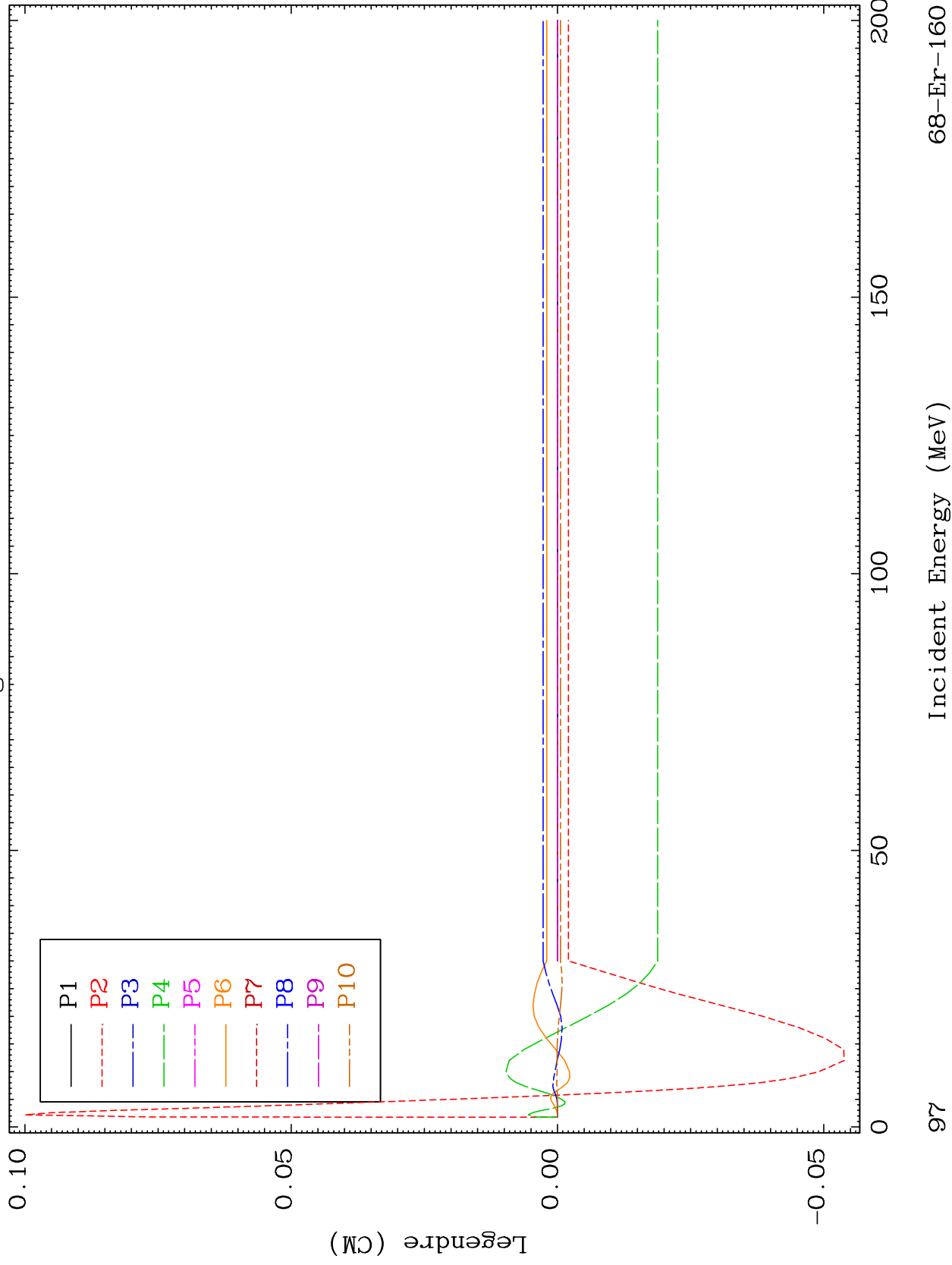
68-Er-160



MAT 6819

1.743 MeV (n,n') Level
Legendre Coefficients

68-Er-160



97

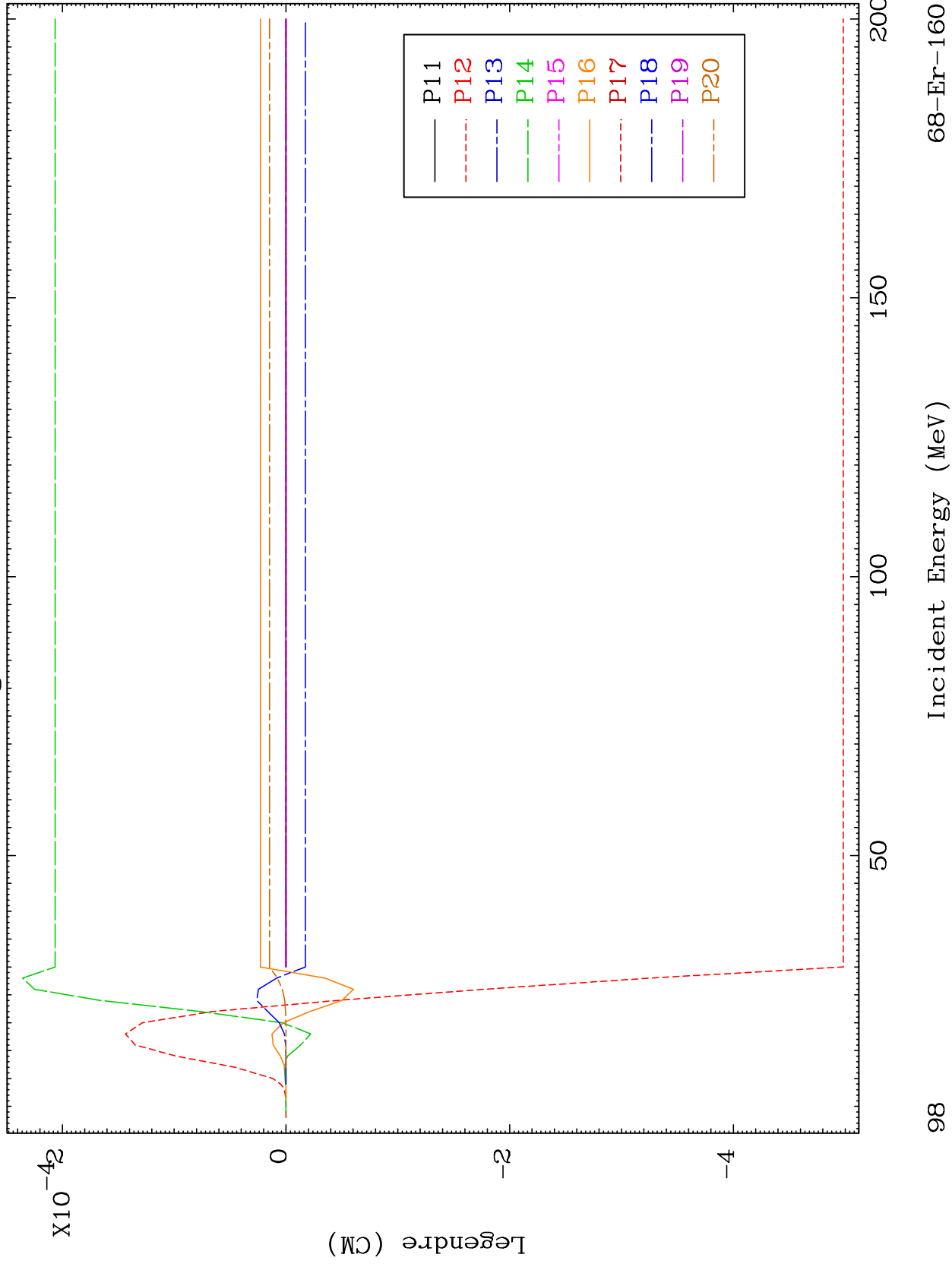
Incident Energy (MeV)

68-Er-160

MAT 6819

1.743 MeV (n,n') Level
Legendre Coefficients

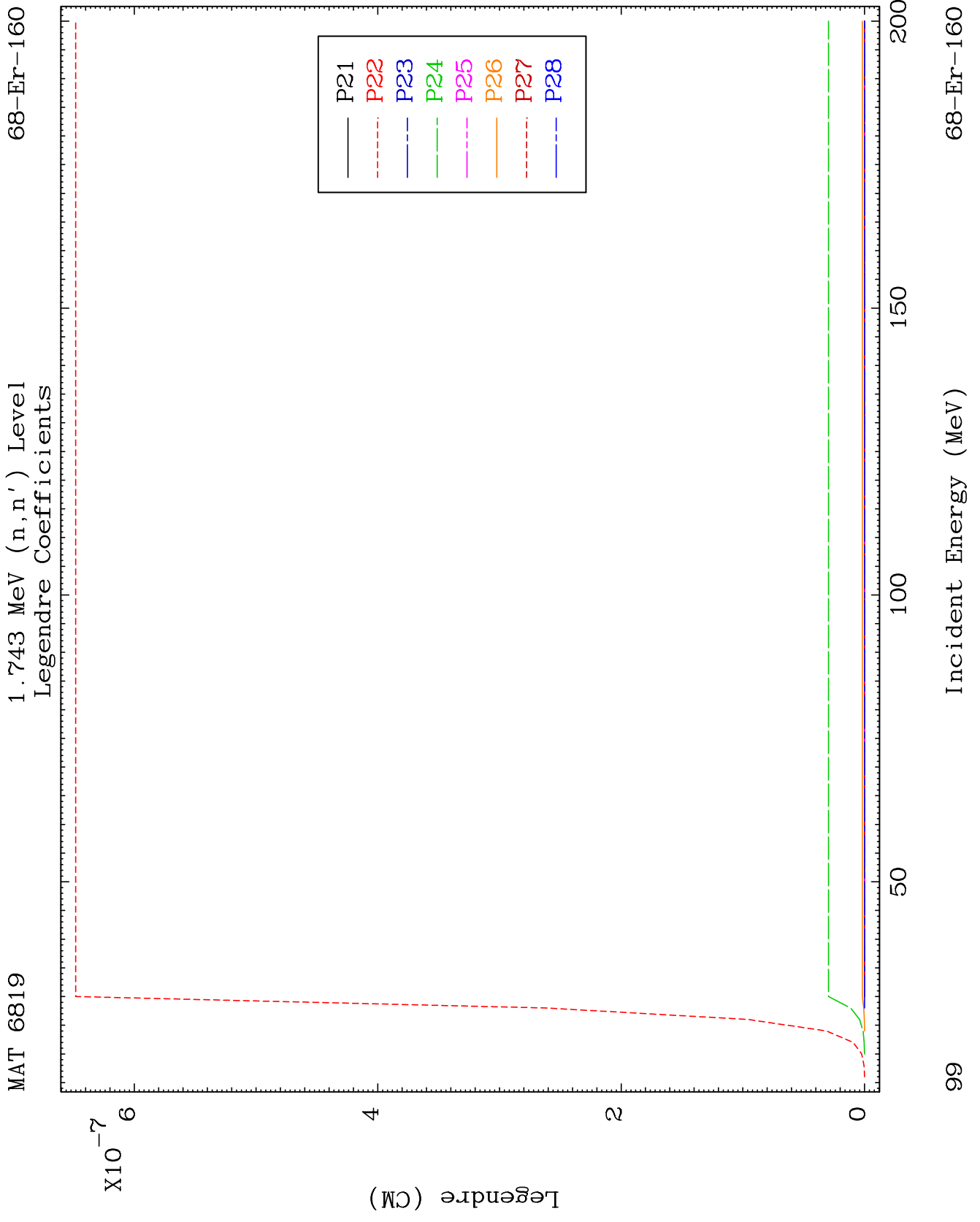
68-Er-160



98

Incident Energy (MeV)

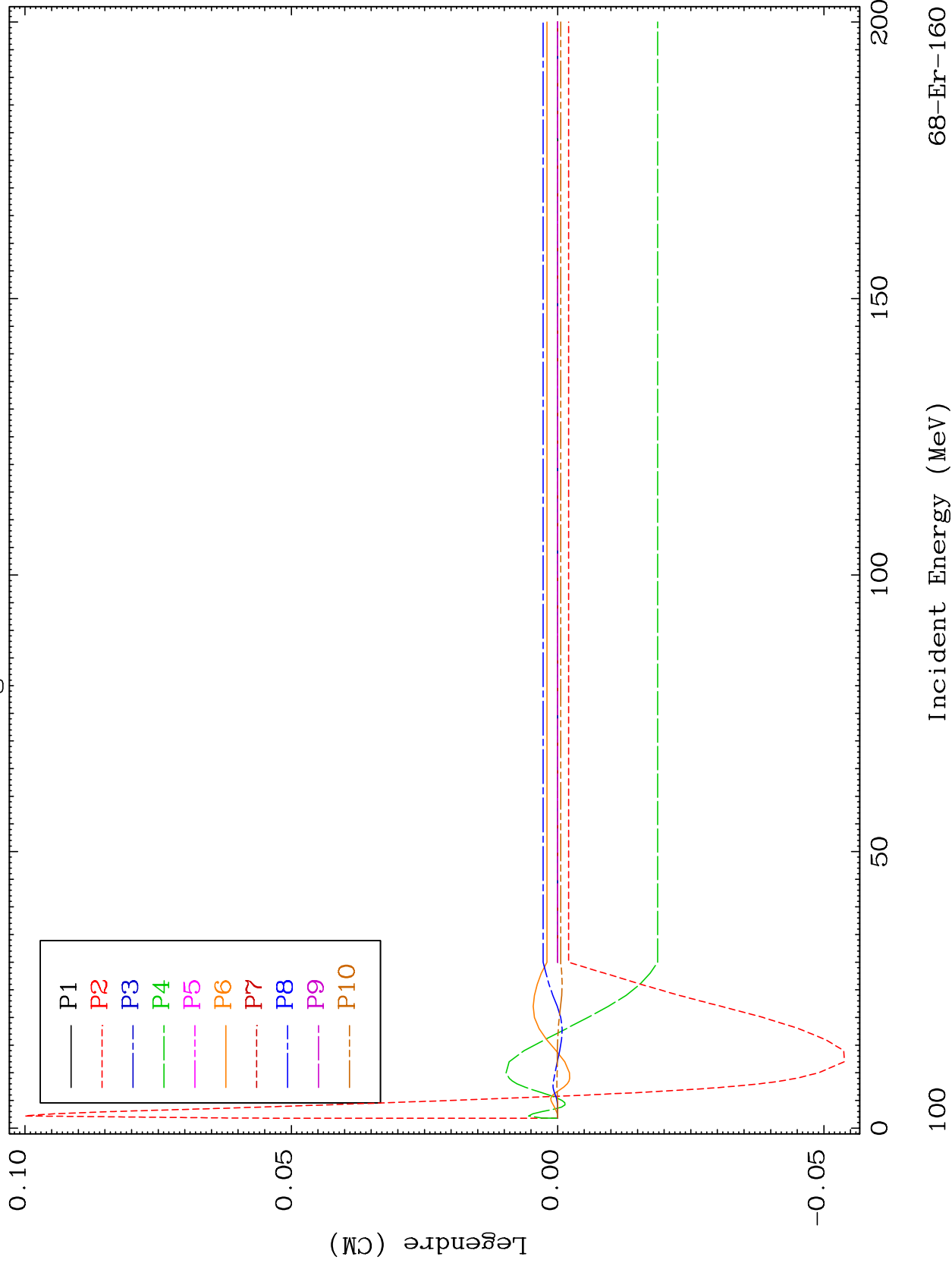
68-Er-160



MAT 6819

1.757 MeV (n,n') Level
Legendre Coefficients

68-Er-160



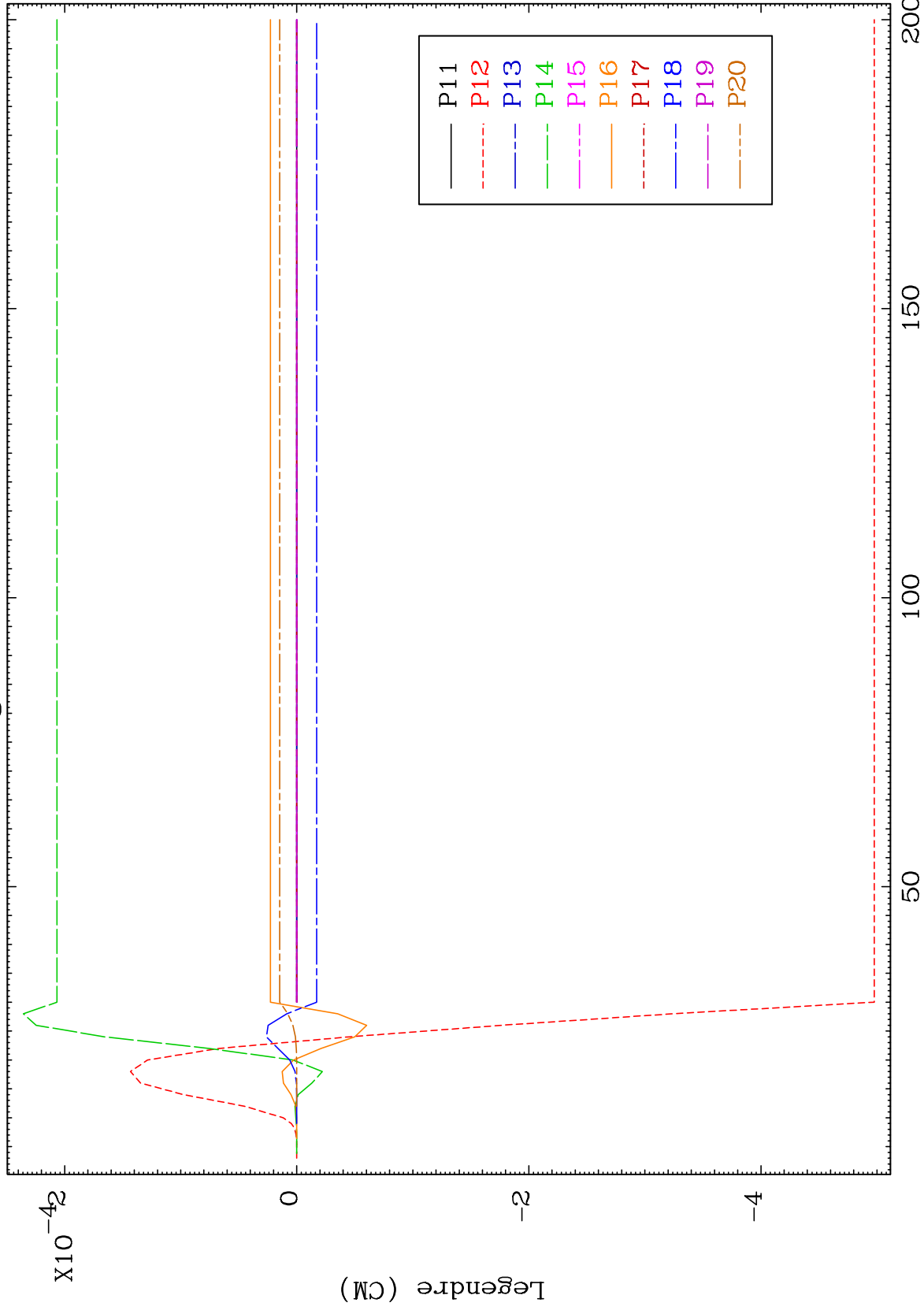
68-Er-160

Incident Energy (MeV)

MAT 6819

1.757 MeV (n,n') Level
Legendre Coefficients

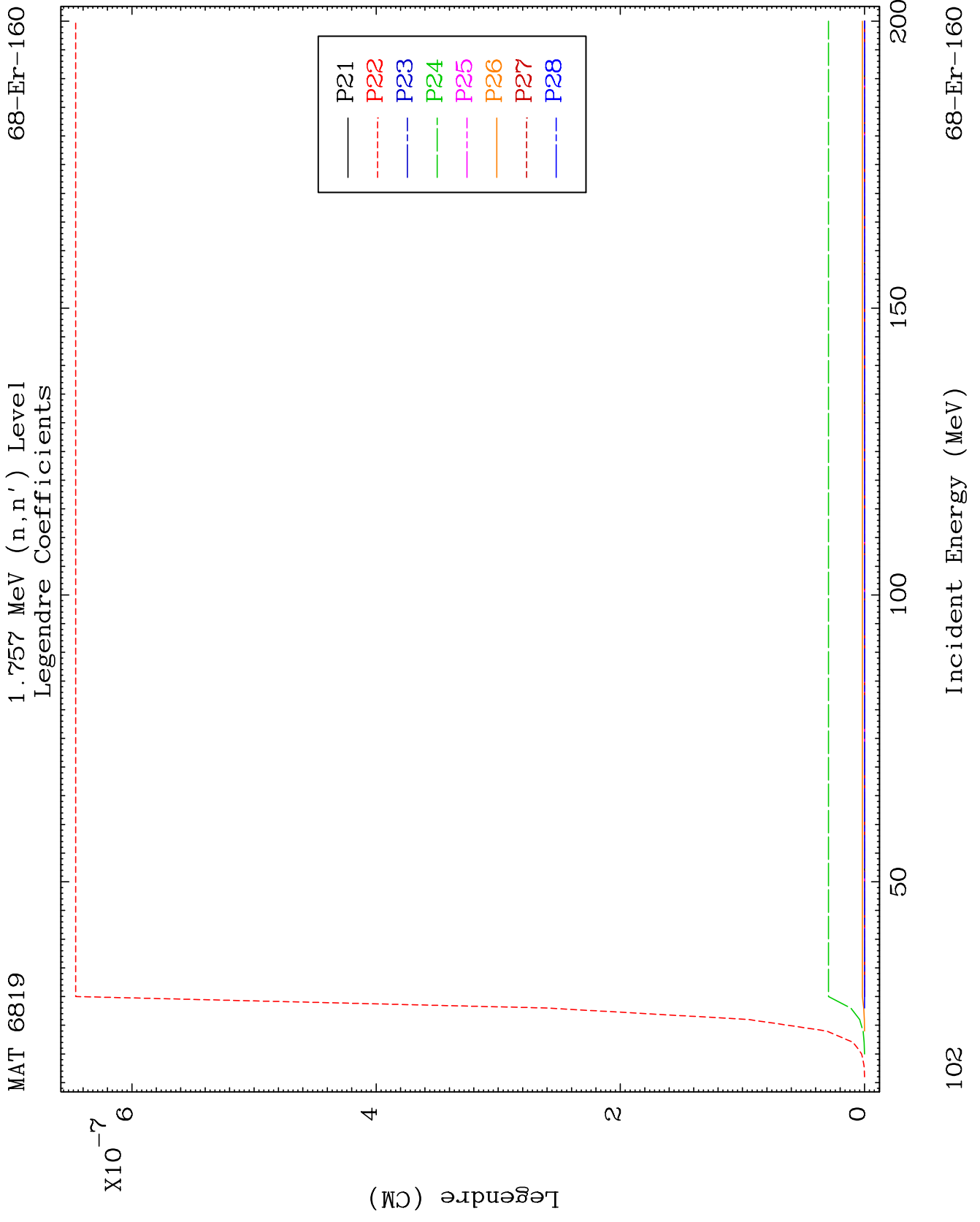
68-Er-160



101

Incident Energy (MeV)

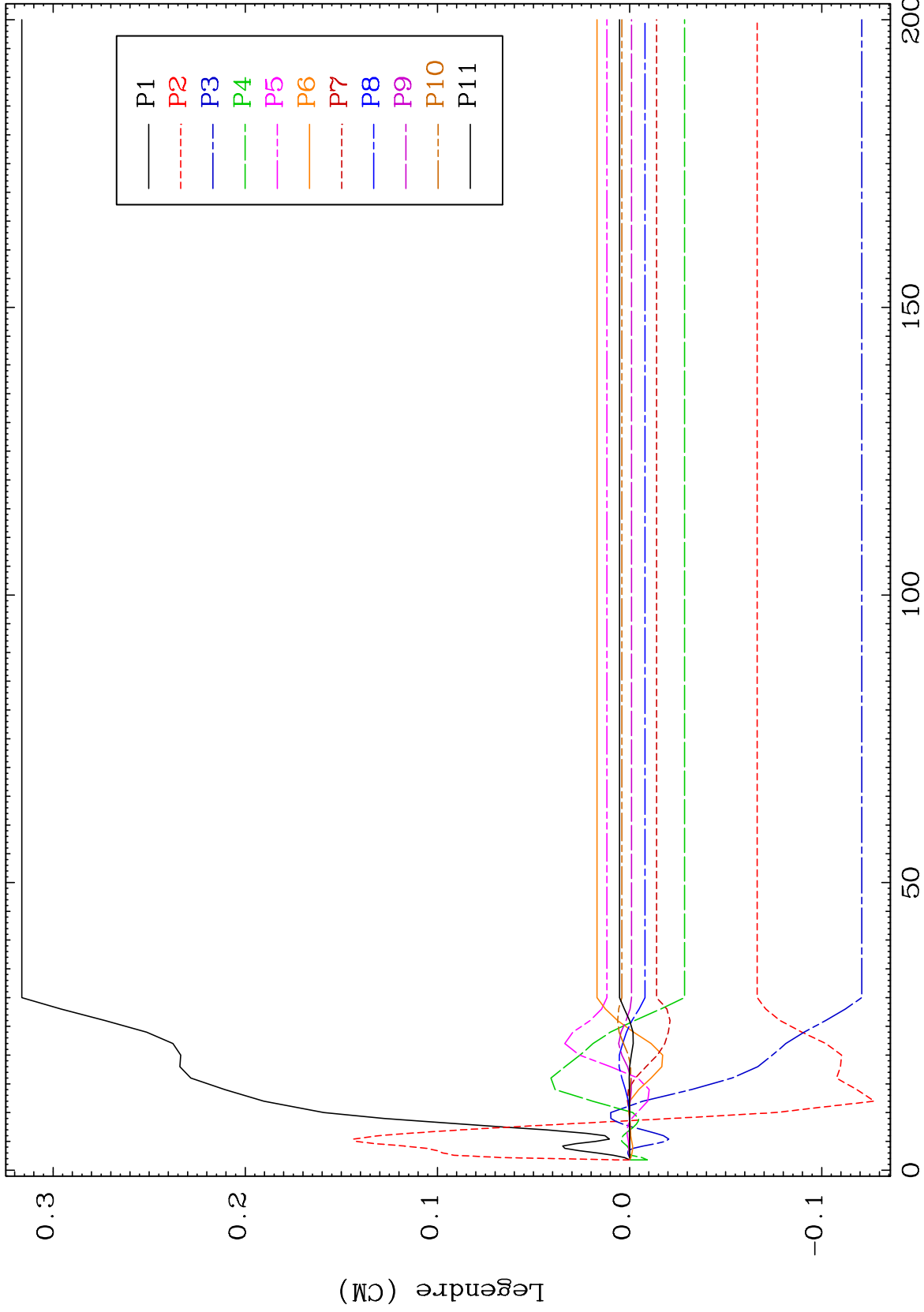
68-Er-160



MAT 6819

1.761 MeV (n,n') Level
Legendre Coefficients

68-Er-160



103

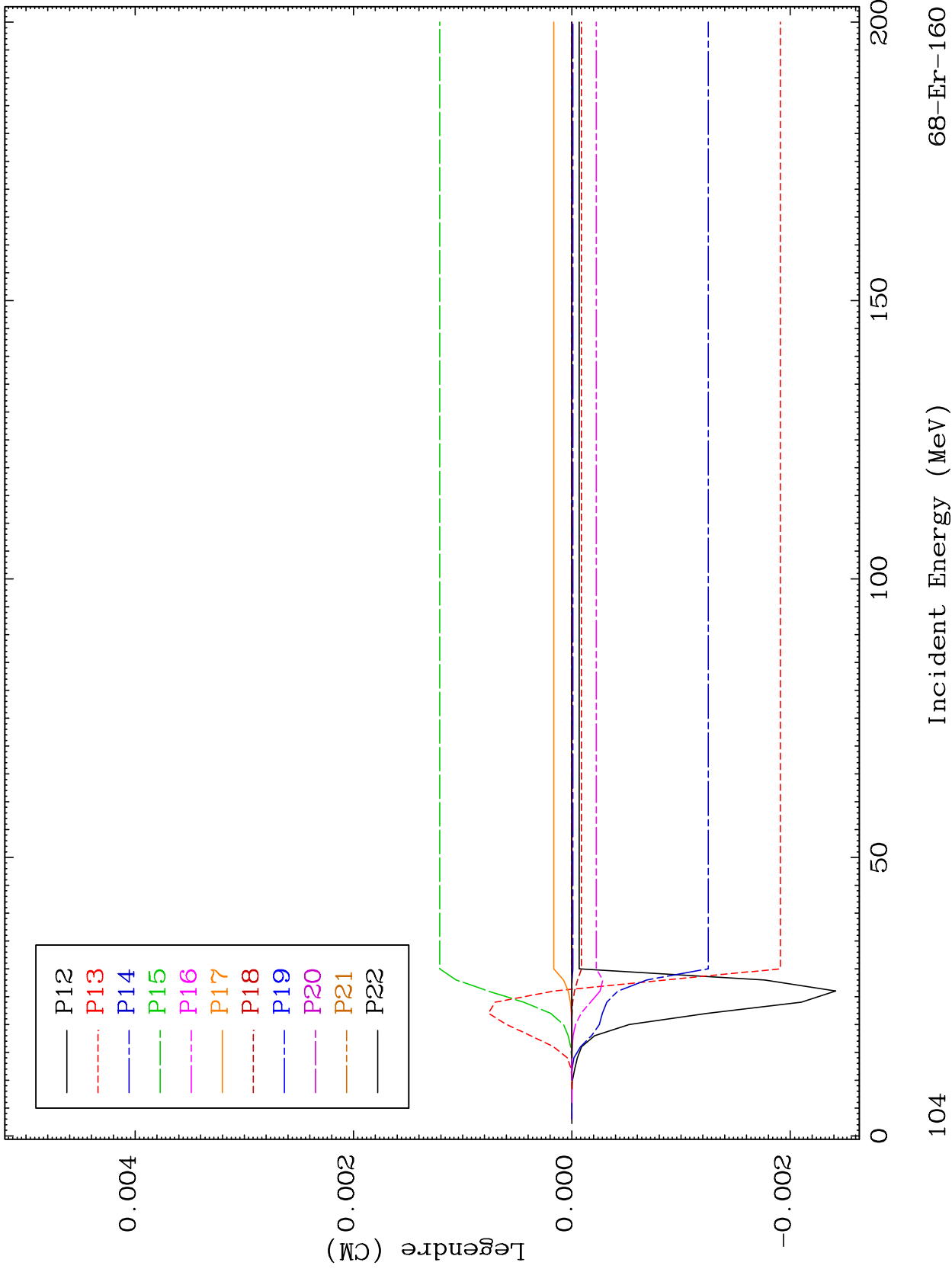
Incident Energy (MeV)

68-Er-160

MAT 6819

1.761 MeV (n,n') Level
Legendre Coefficients

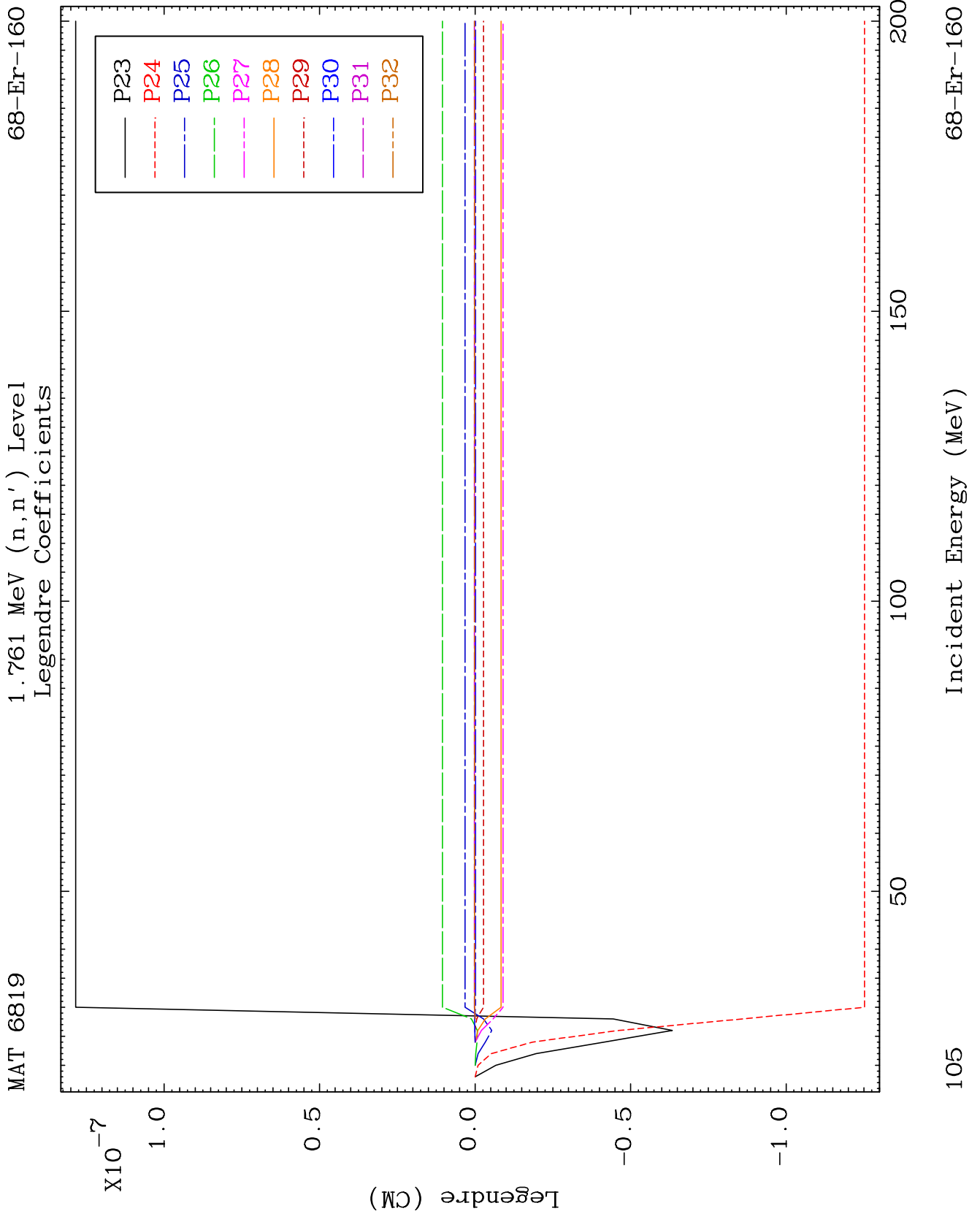
68-Er-160

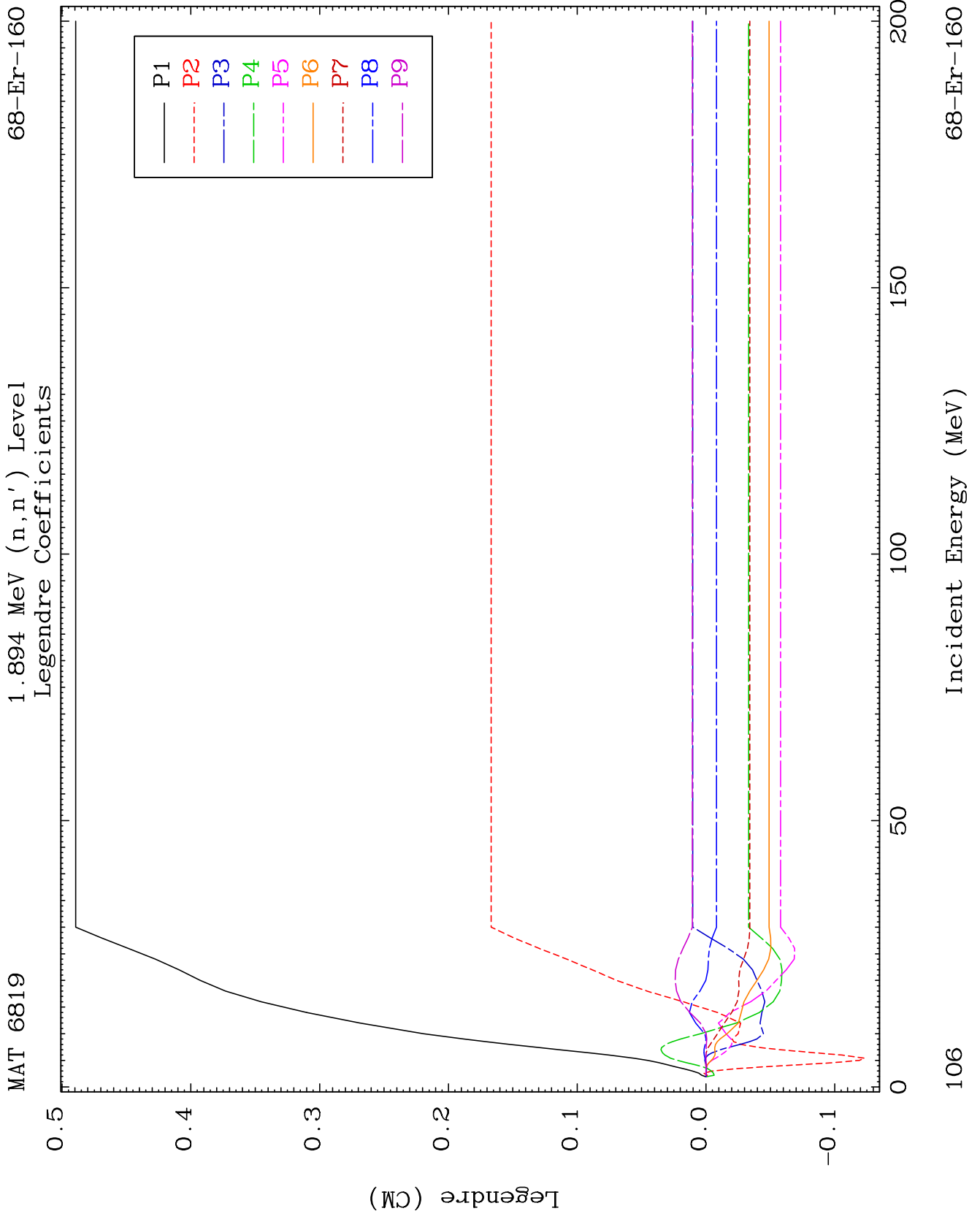


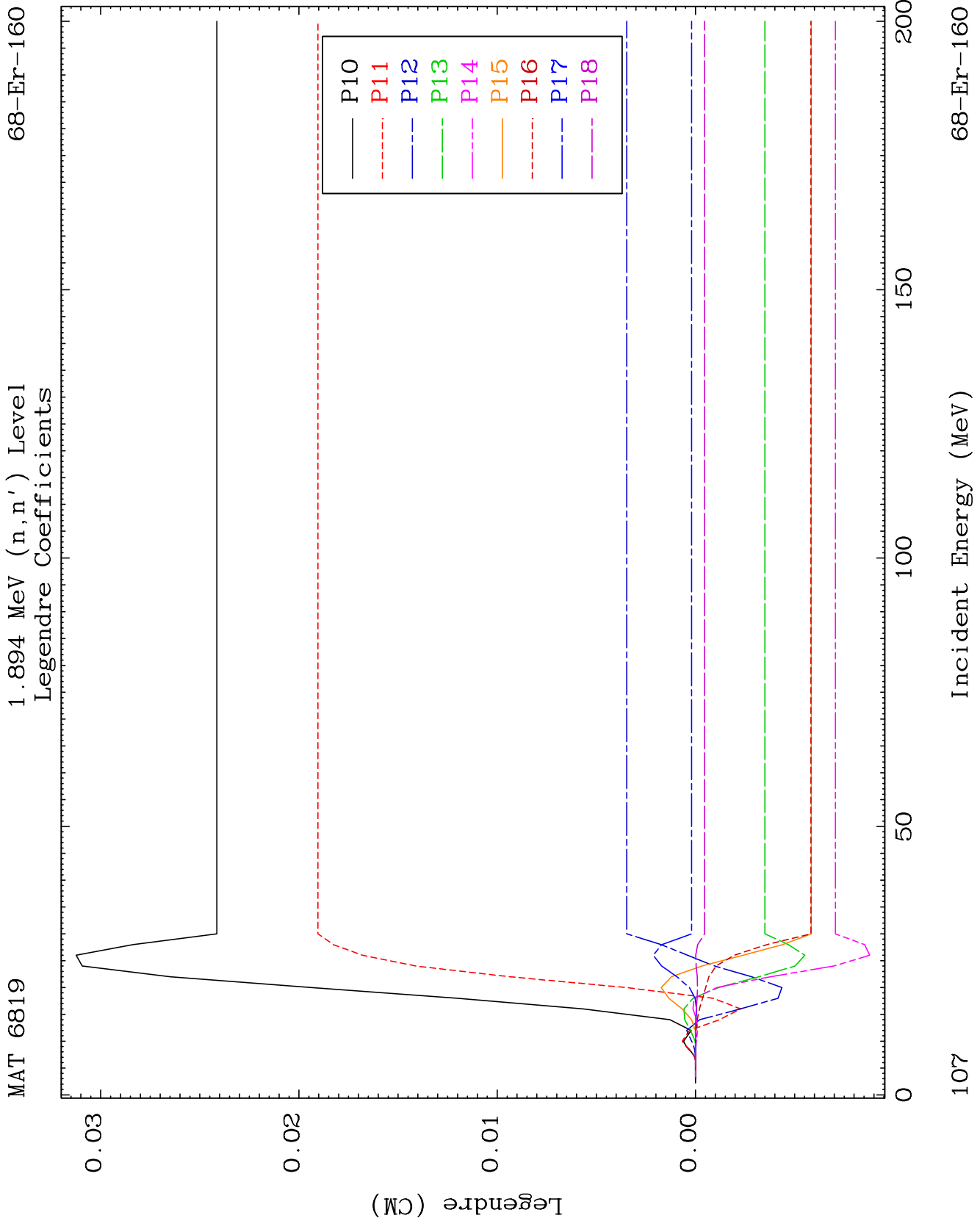
104

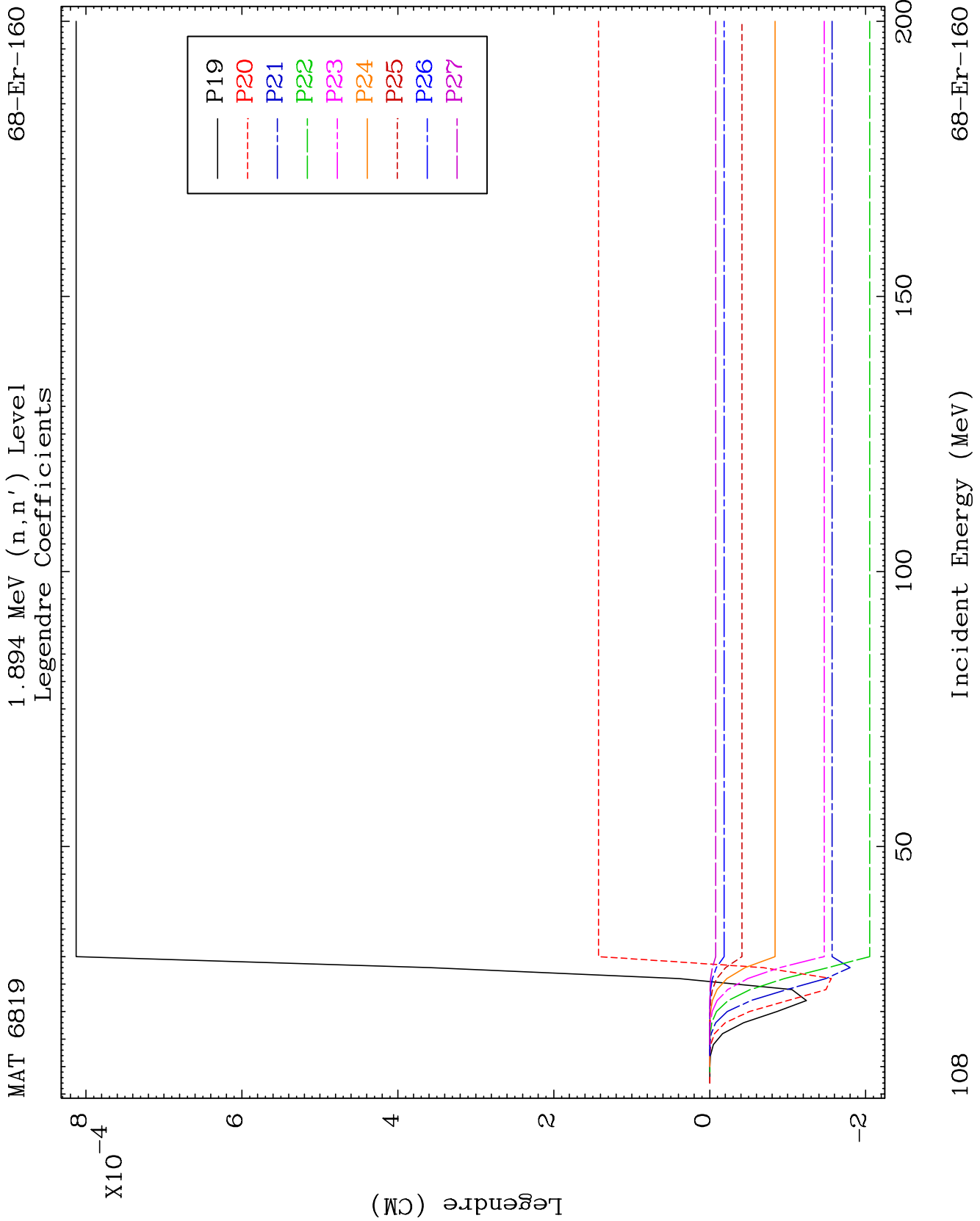
Incident Energy (MeV)

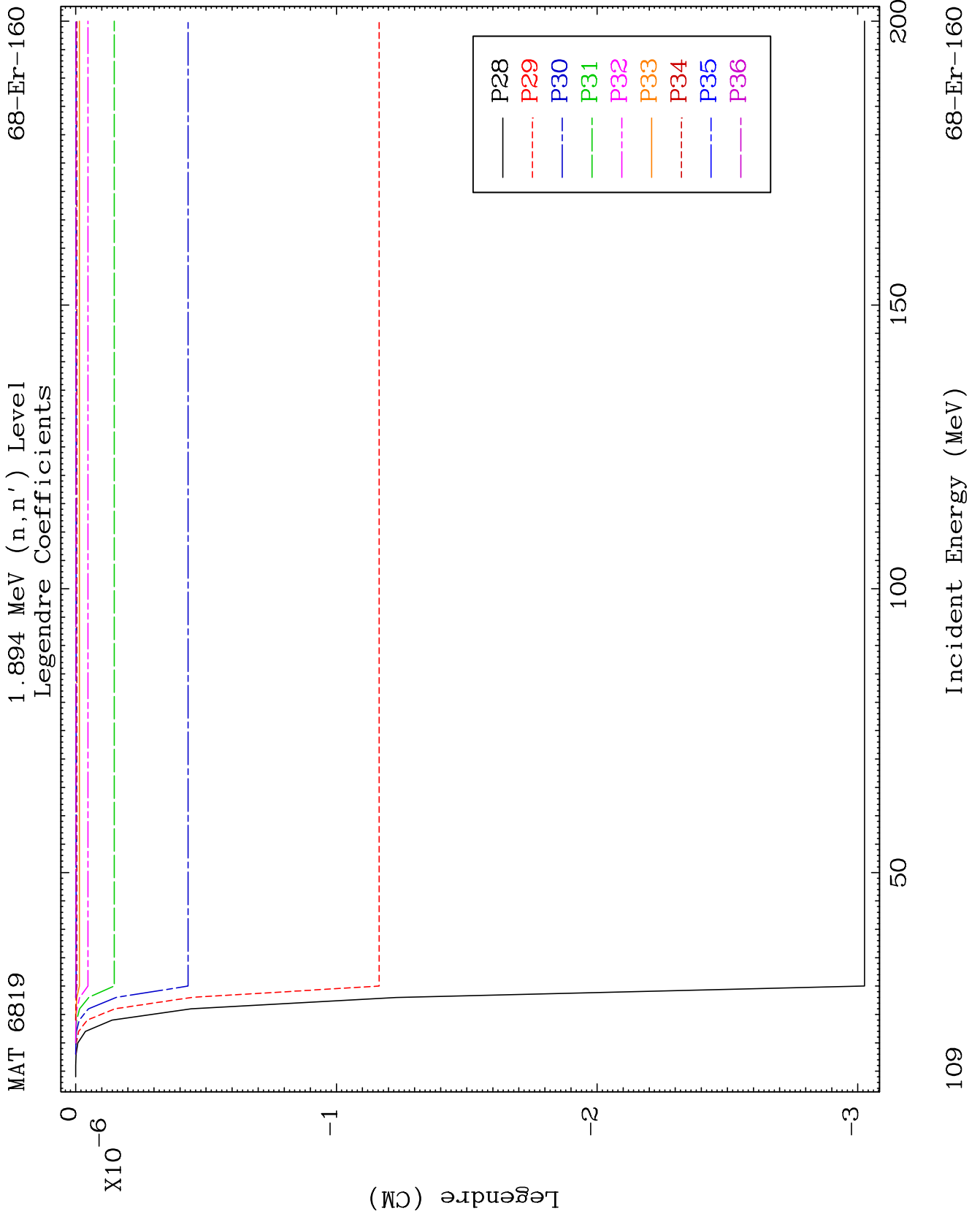
68-Er-160







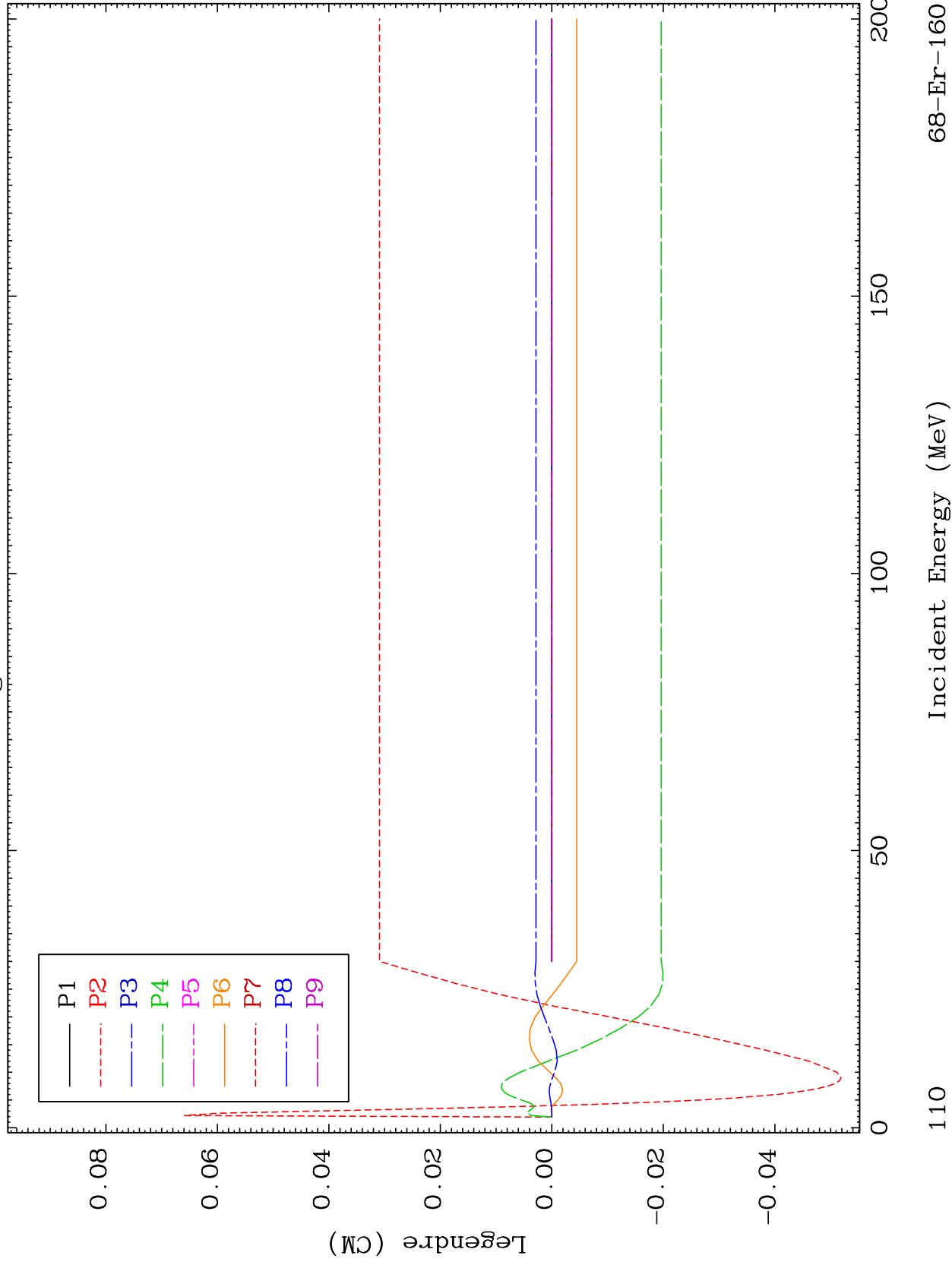




MAT 6819

1.908 MeV (n,n') Level
Legendre Coefficients

68-Er-160



68-Er-160

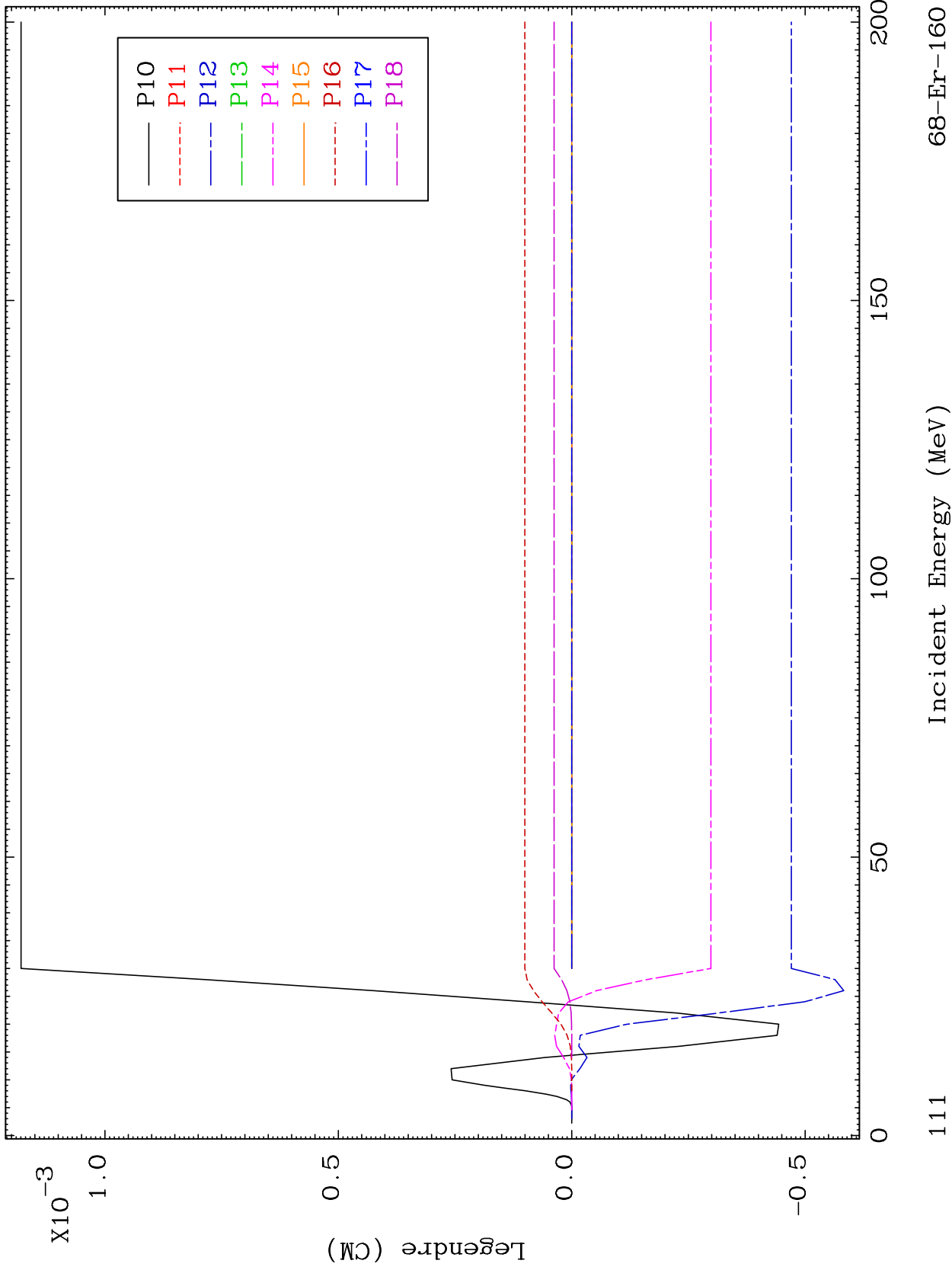
Incident Energy (MeV)

110

MAT 6819

1.908 MeV (n,n') Level
Legendre Coefficients

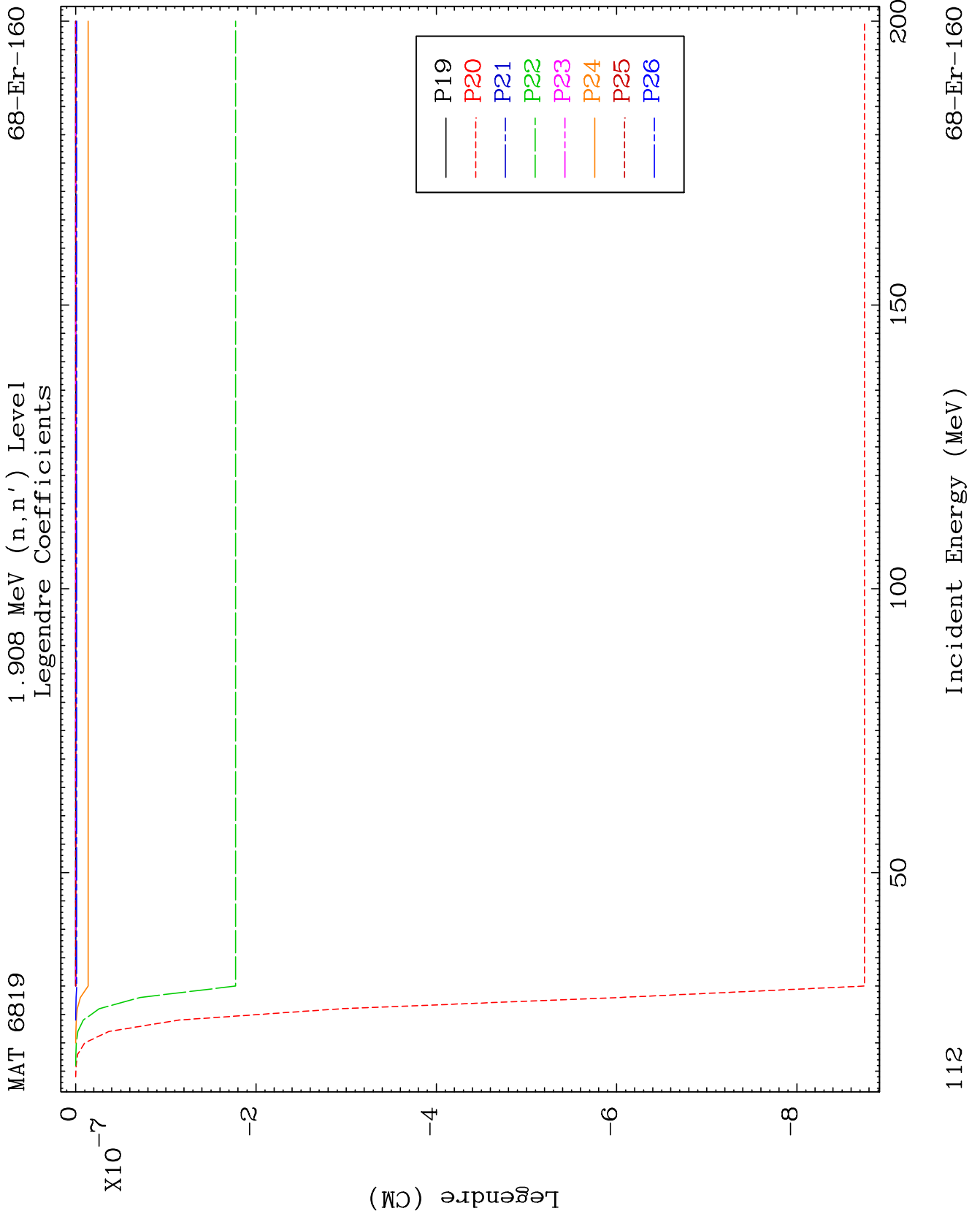
68-Er-160



111

Incident Energy (MeV)

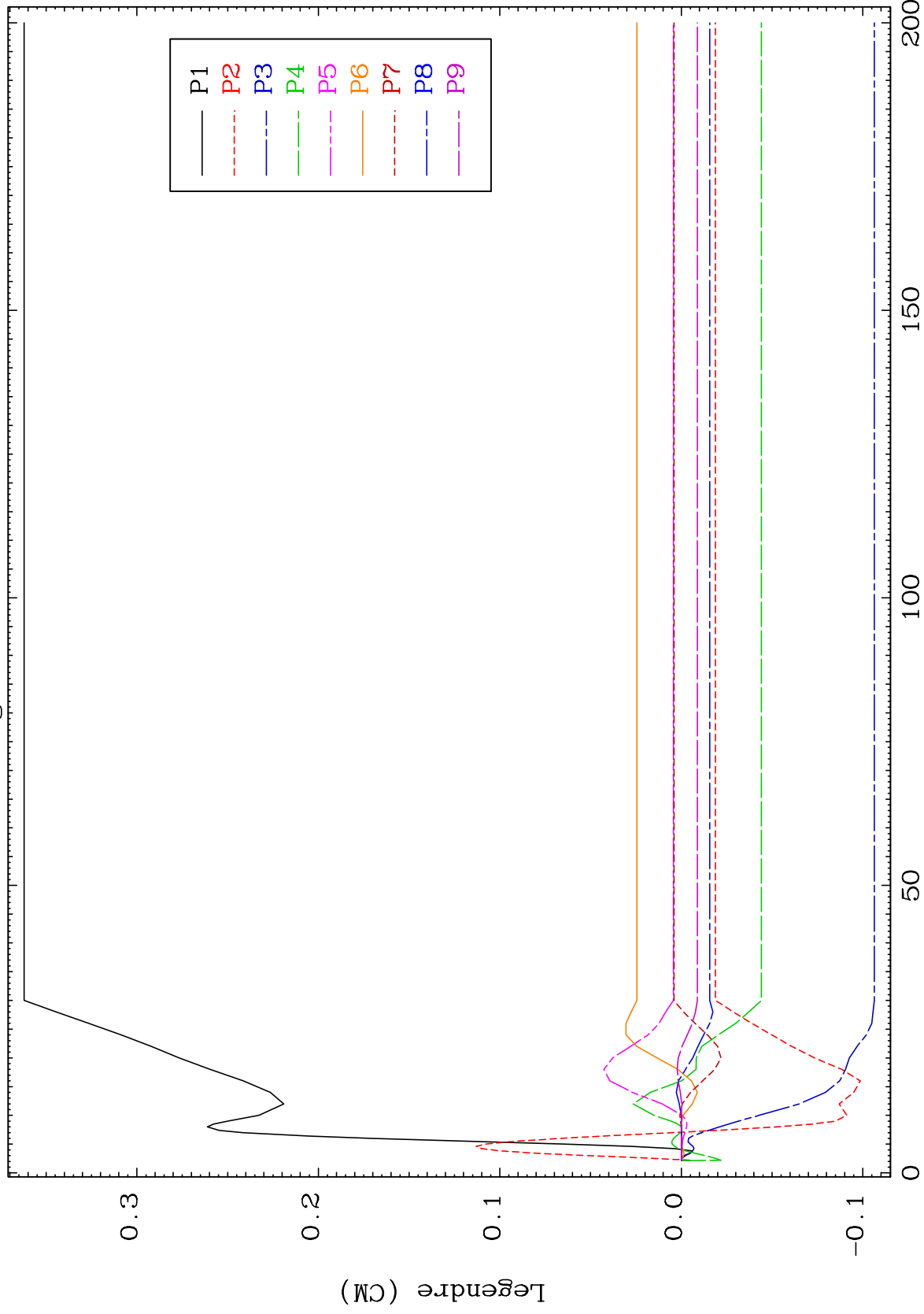
68-Er-160



MAT 6819

2.104 MeV (n,n') Level
Legendre Coefficients

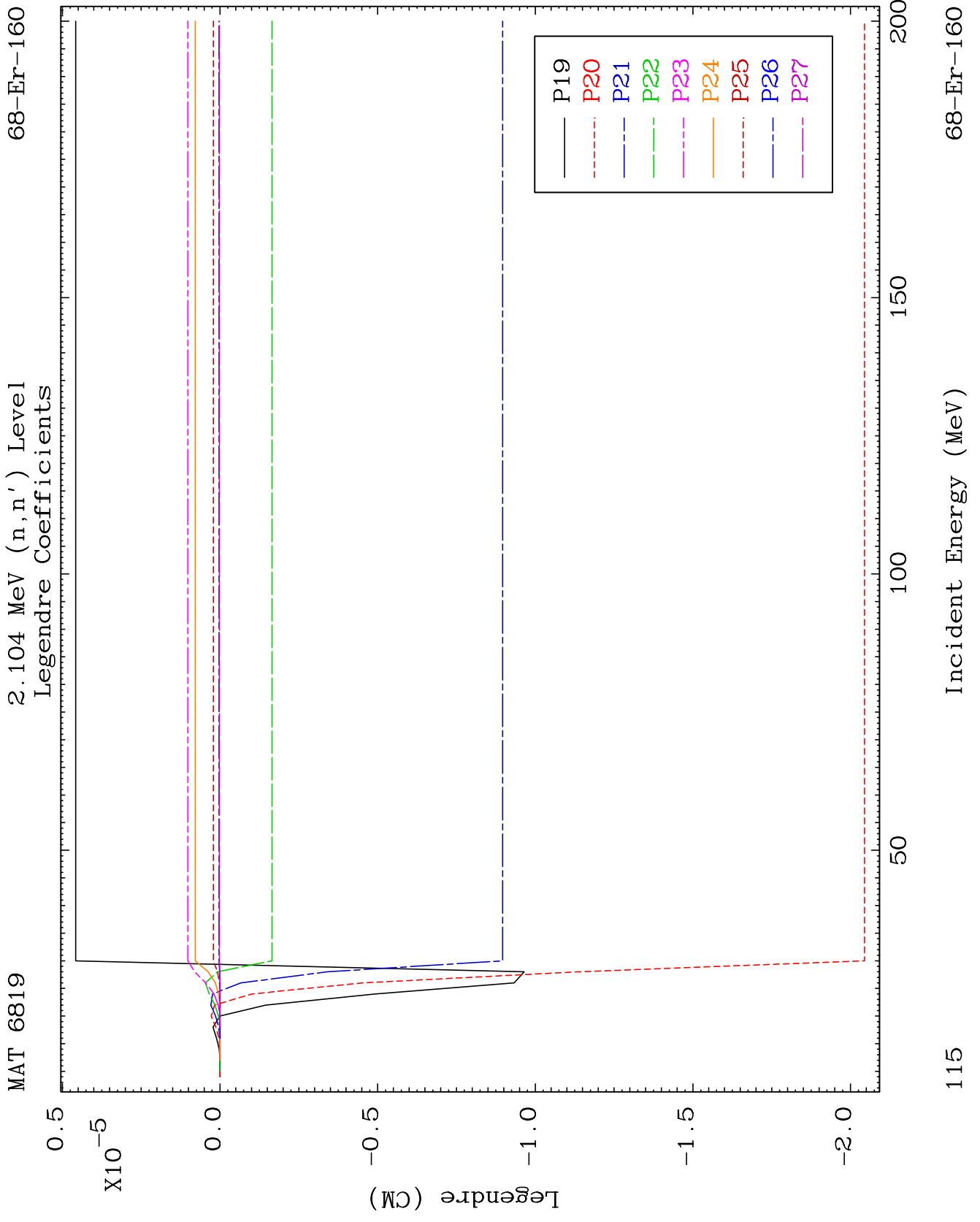
68-Er-160

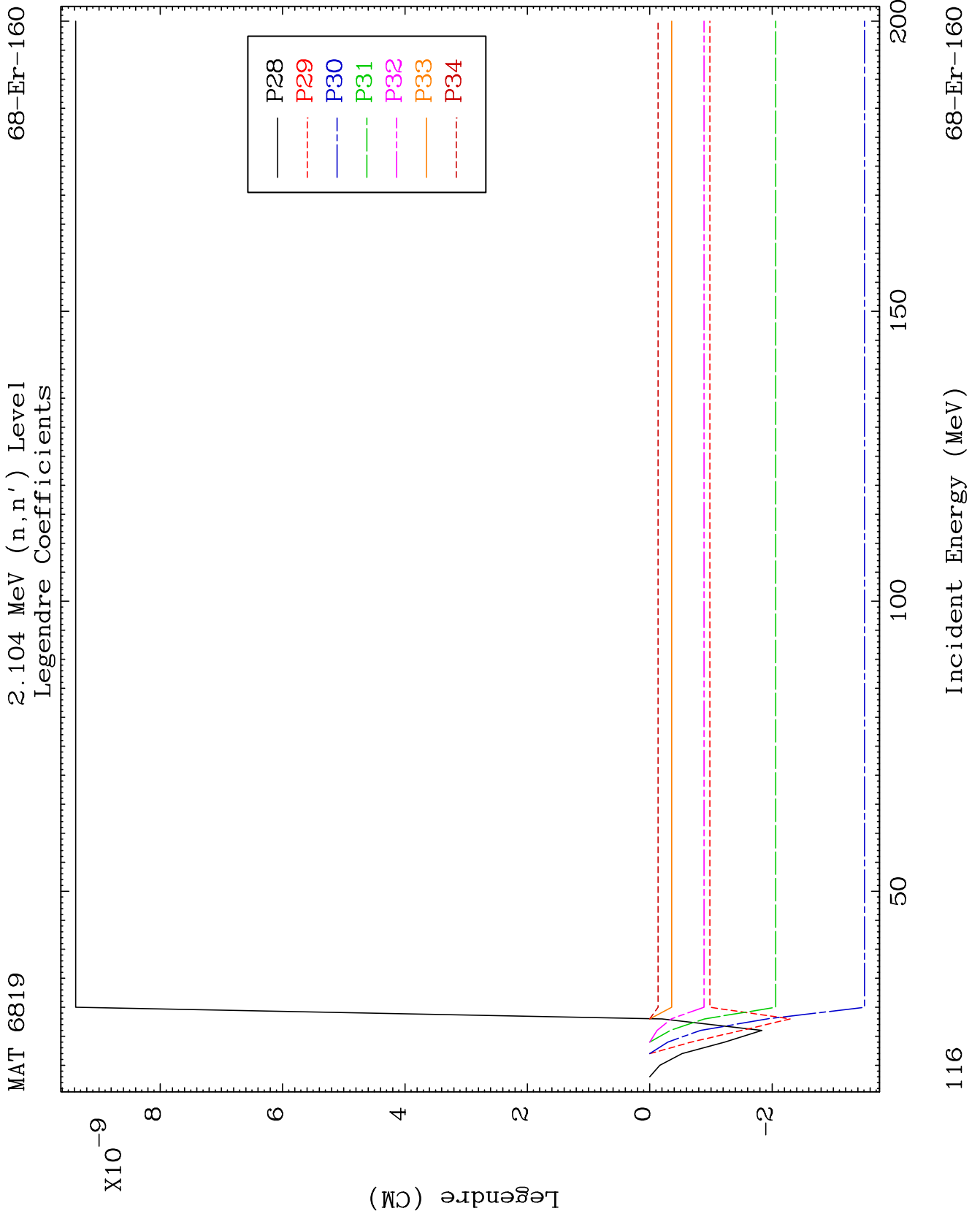


68-Er-160

Incident Energy (MeV)

113

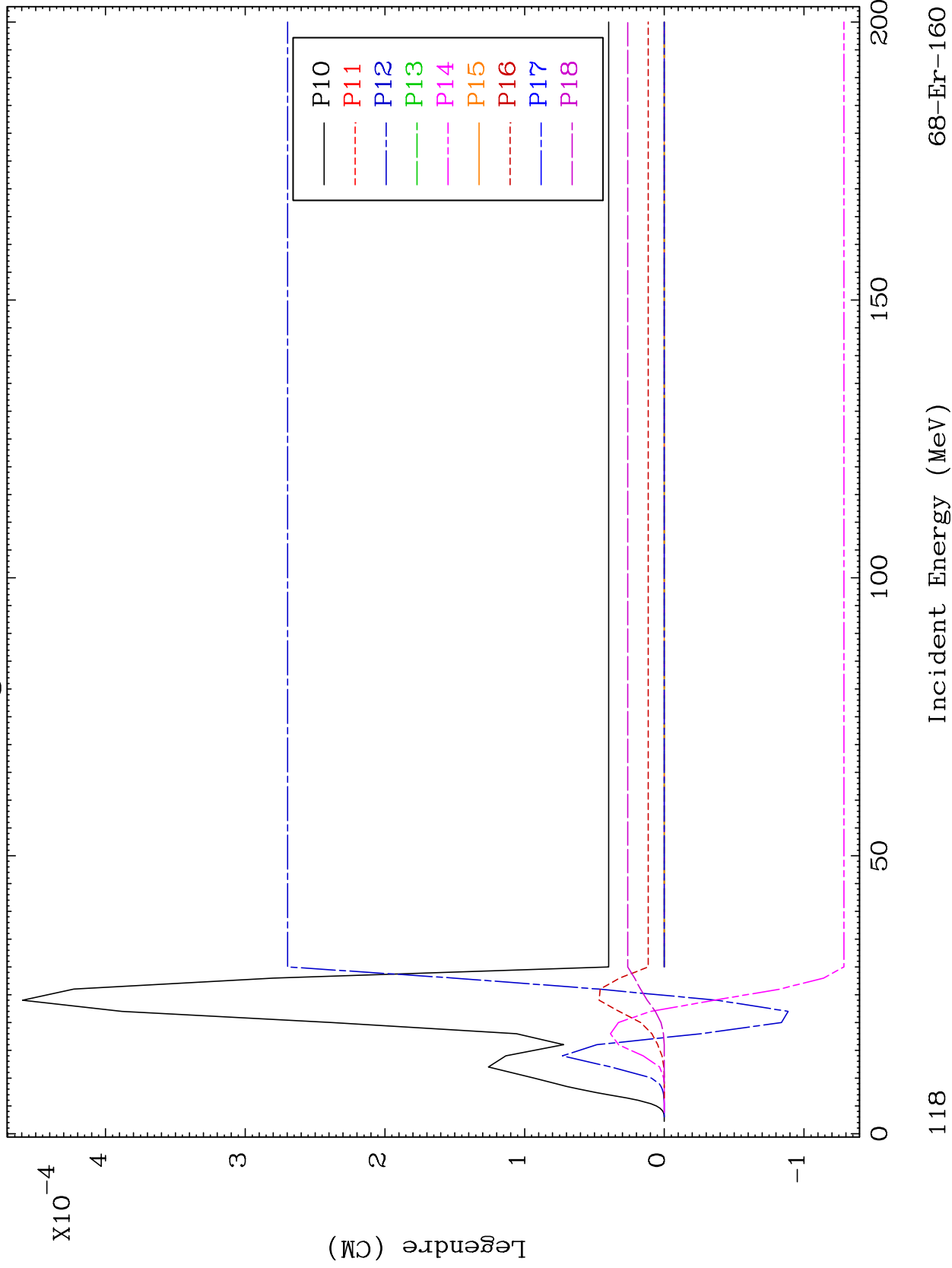




MAT 6819

2.150 MeV (n,n') Level
Legendre Coefficients

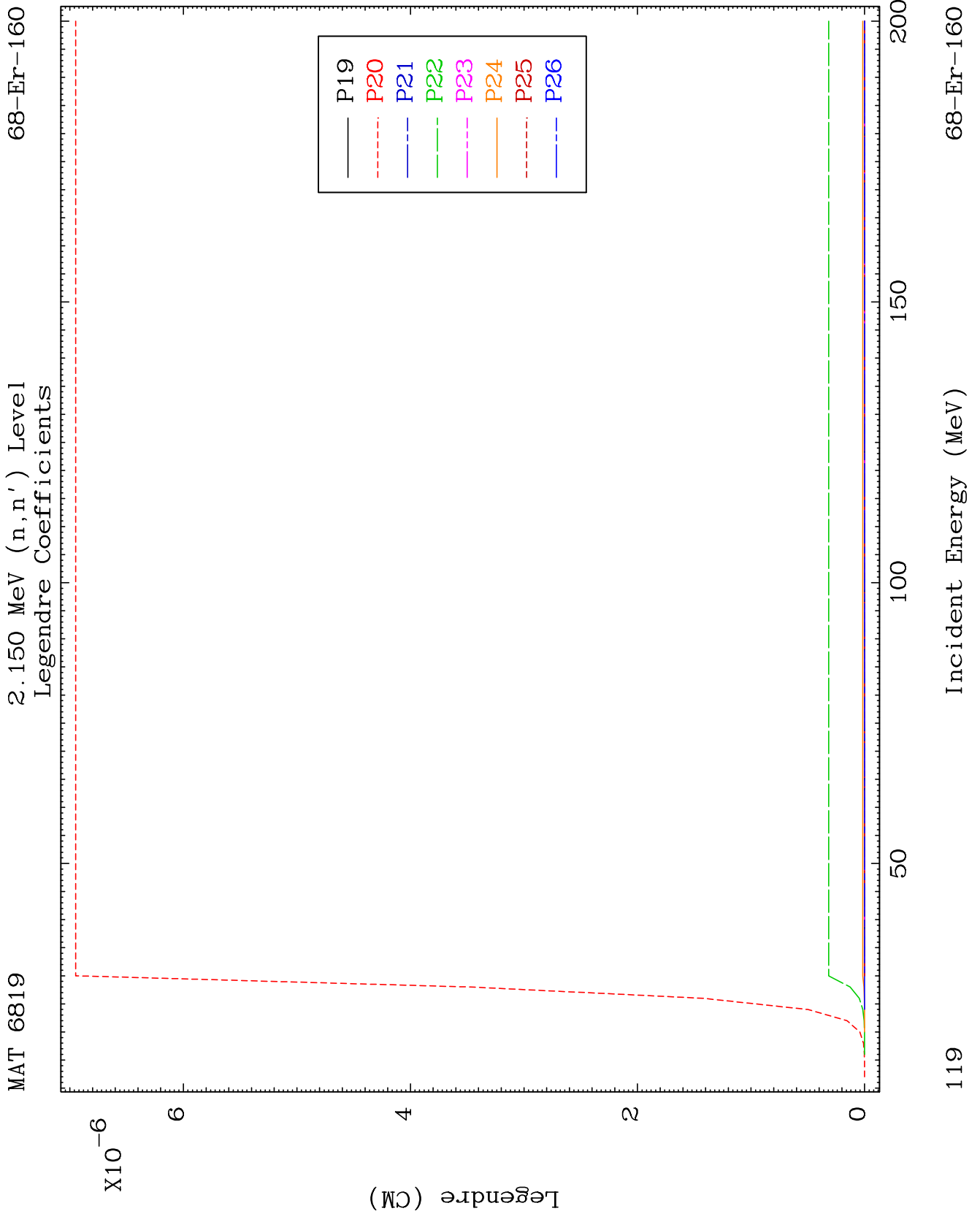
68-Er-160



118

Incident Energy (MeV)

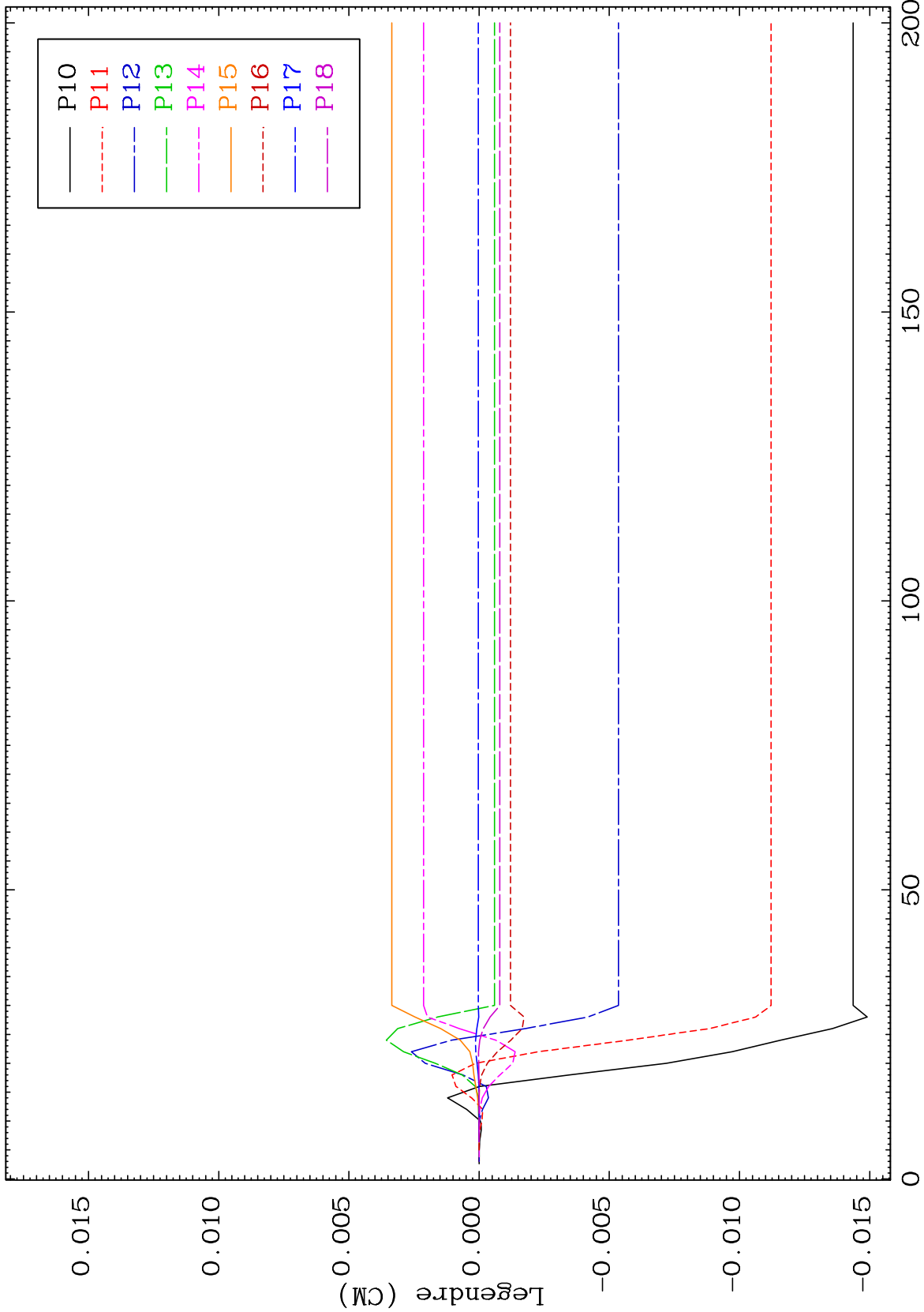
68-Er-160



MAT 6819

2.173 MeV (n,n') Level
Legendre Coefficients

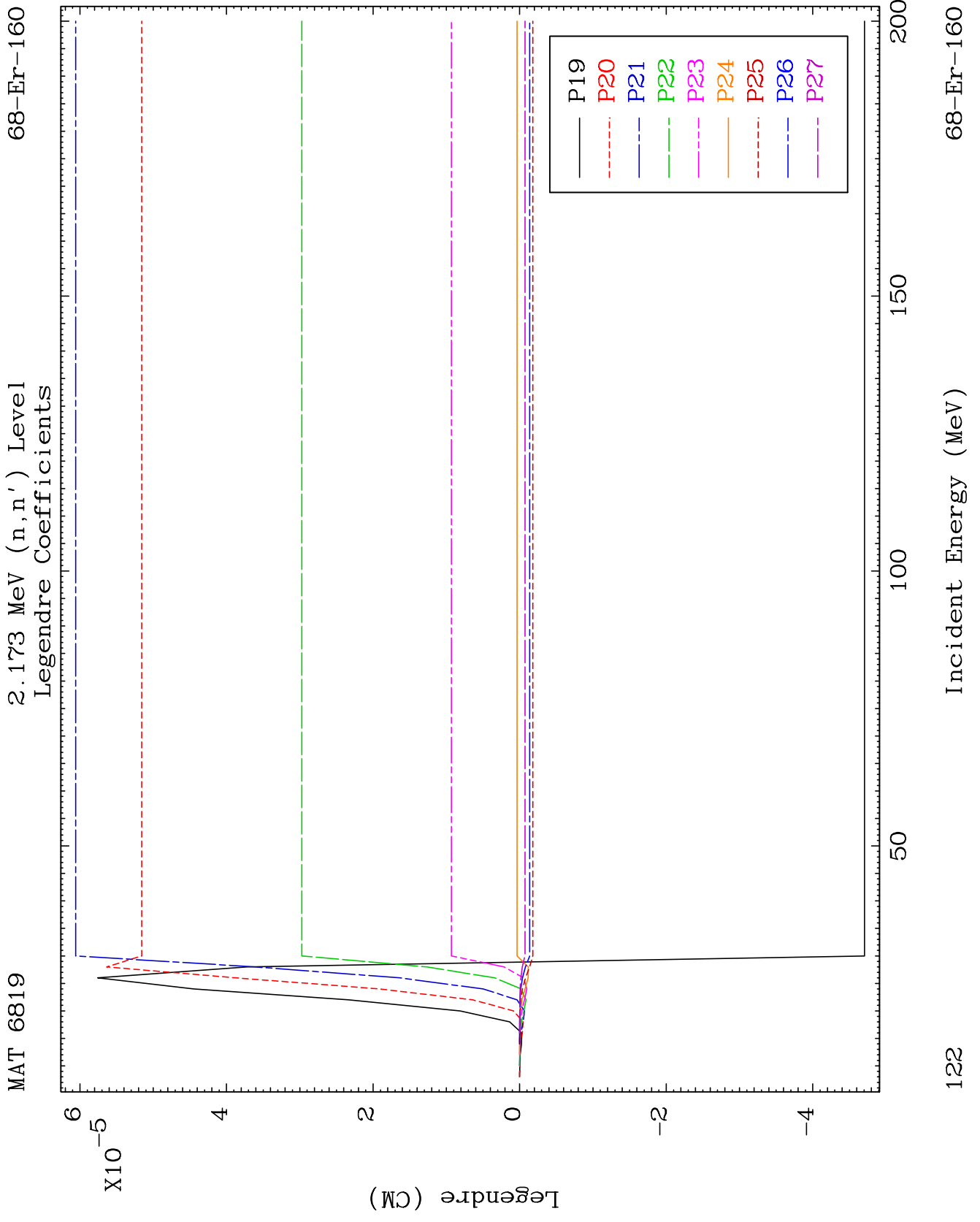
68-Er-160

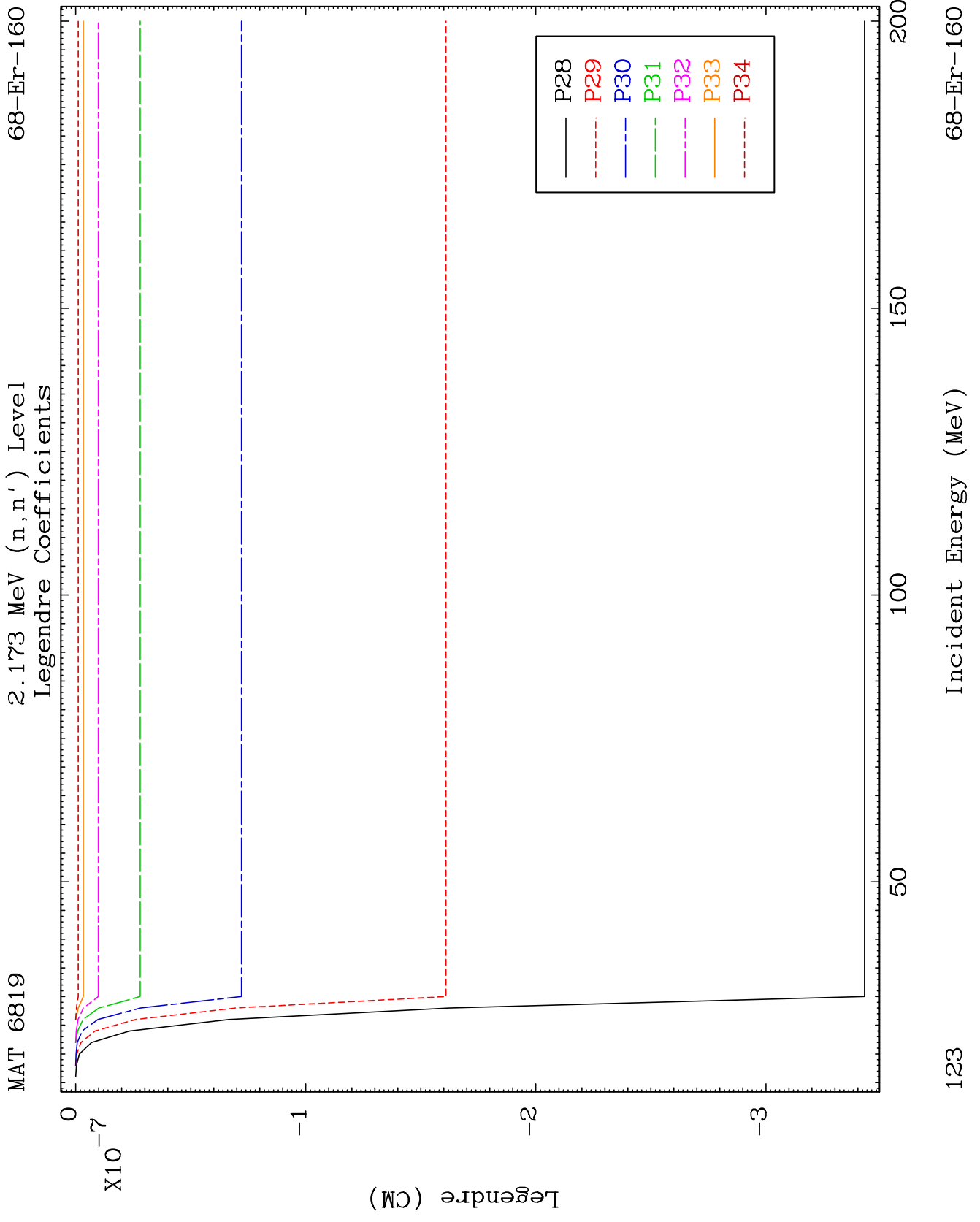


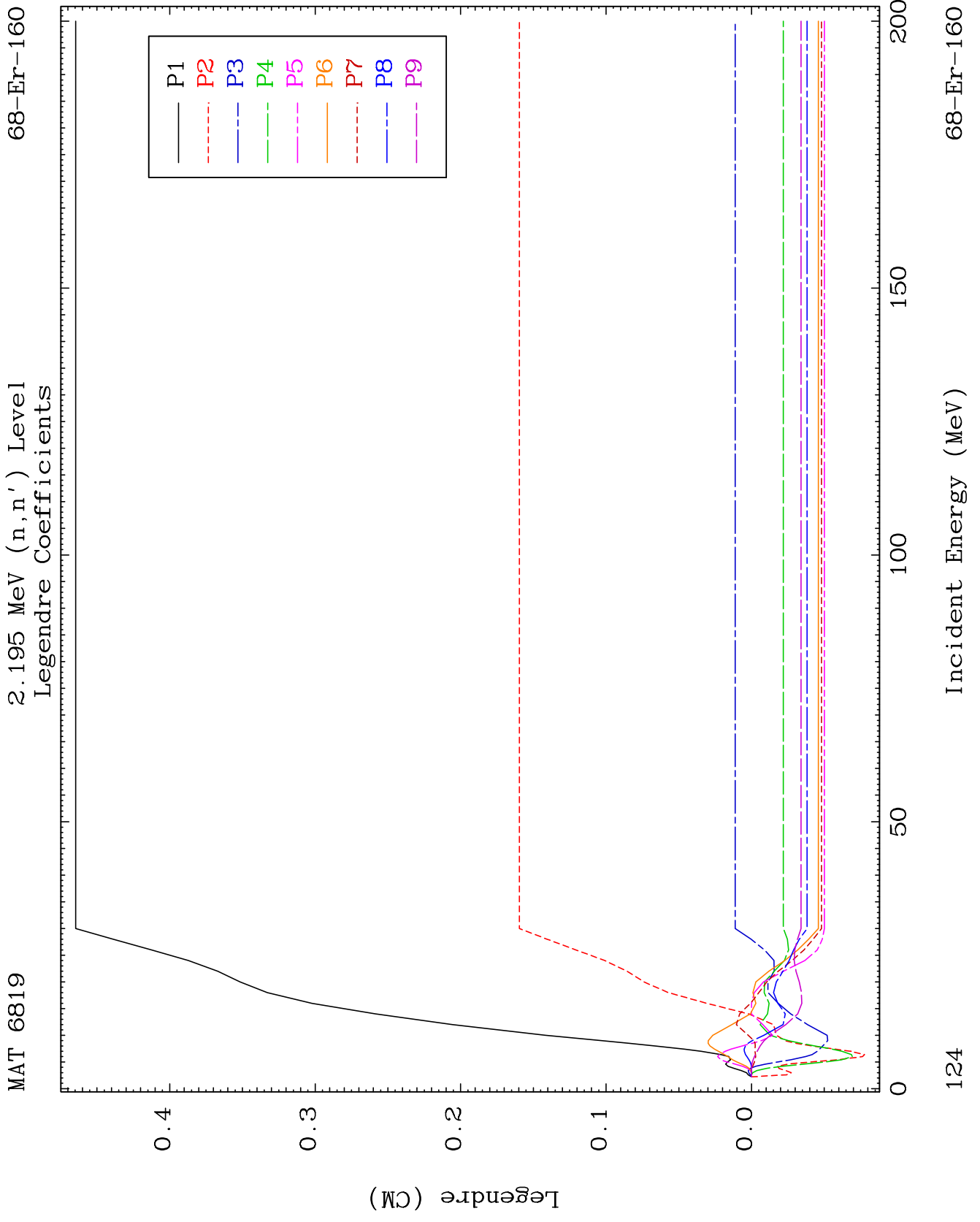
121

Incident Energy (MeV)

68-Er-160



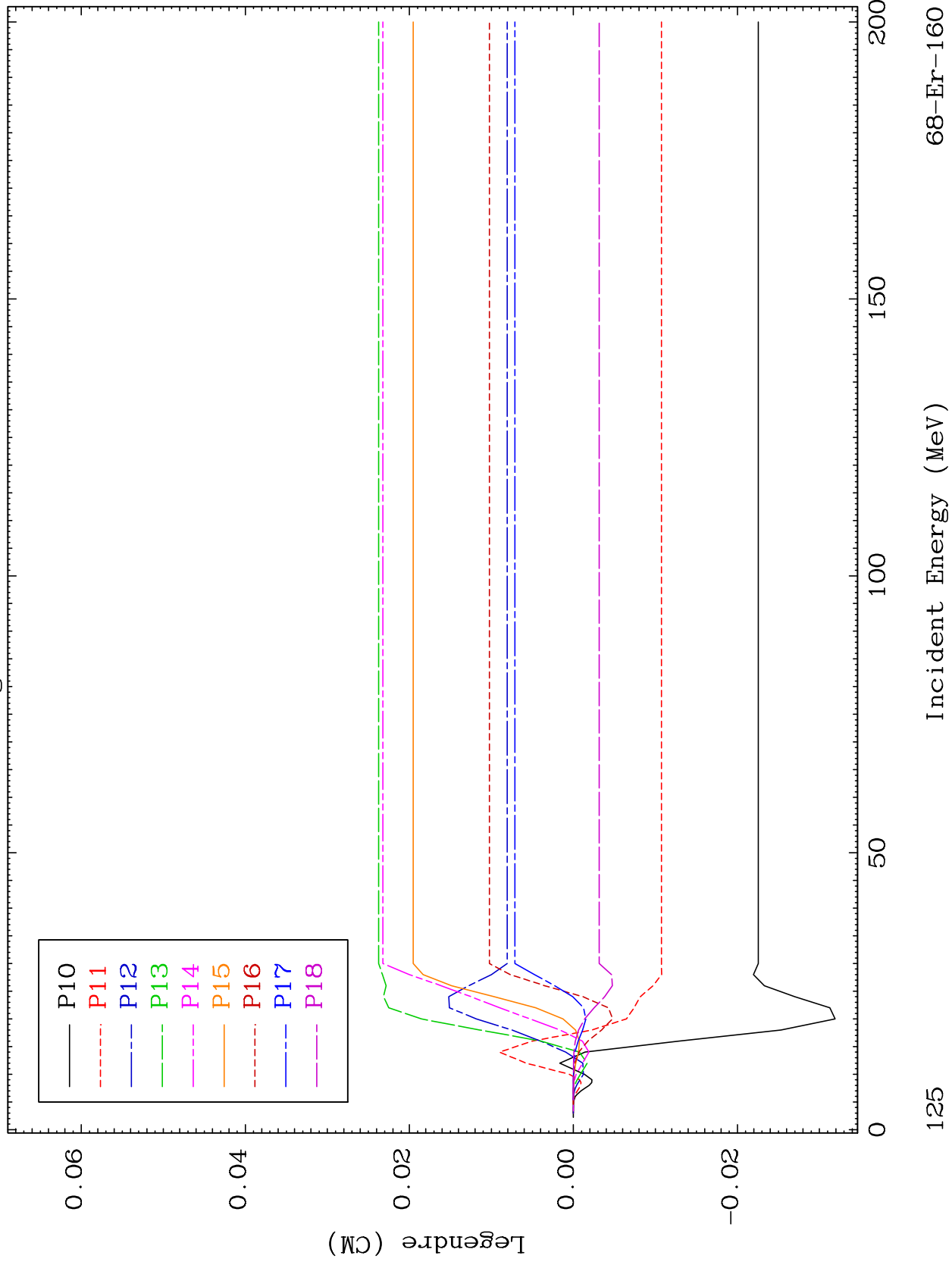




MAT 6819

2.195 MeV (n, n') Level
Legendre Coefficients

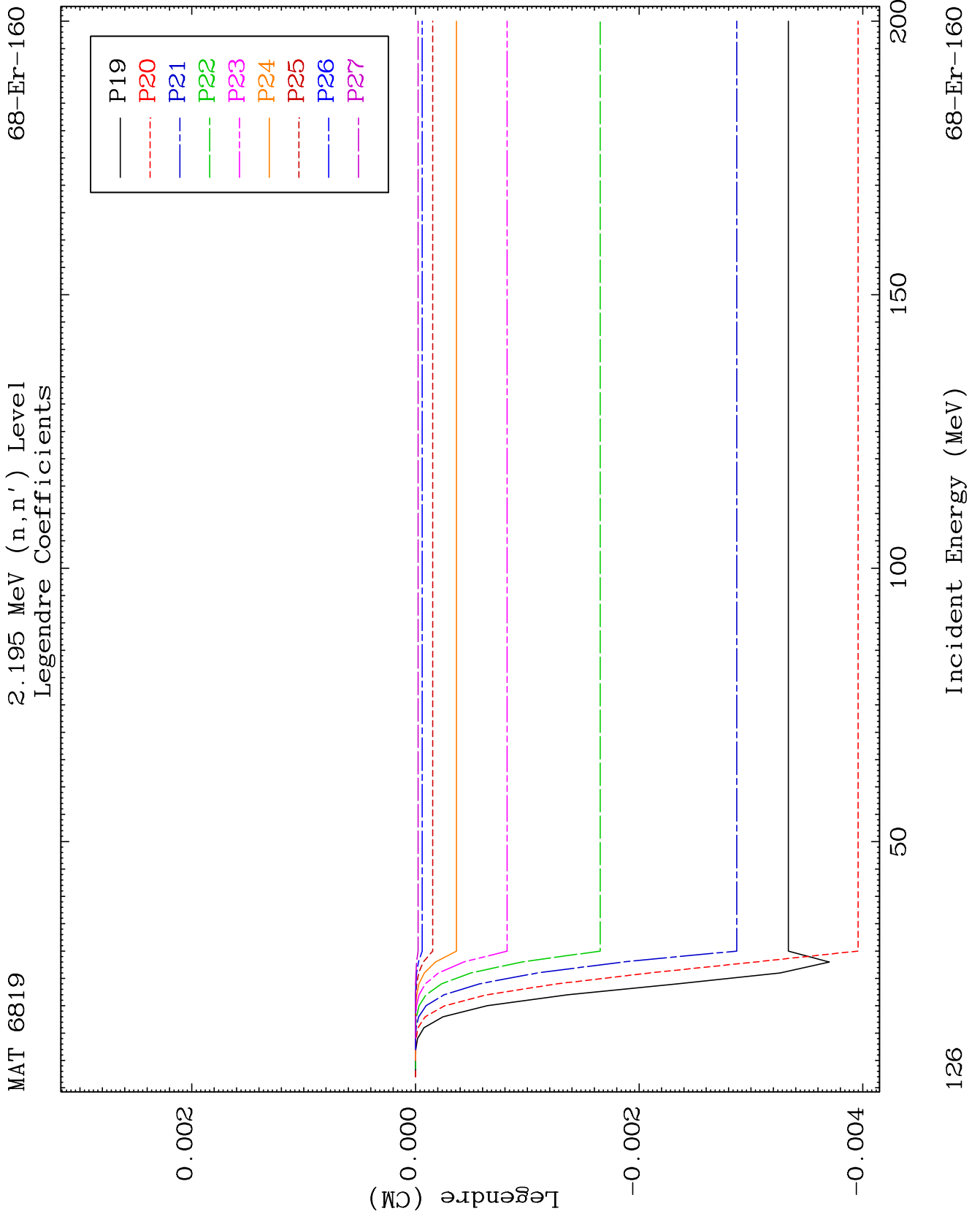
68-Er-160

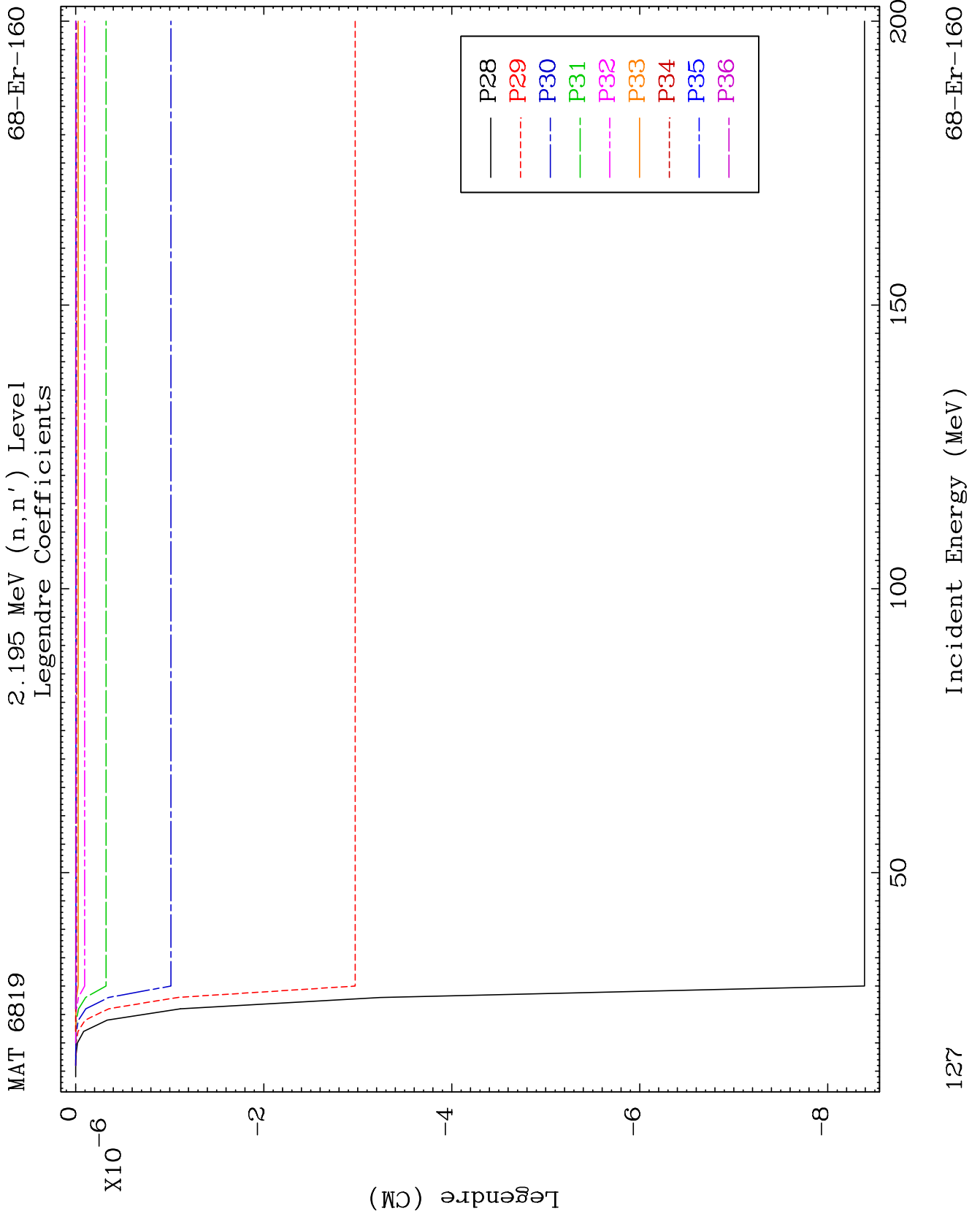


68-Er-160

Incident Energy (MeV)

125



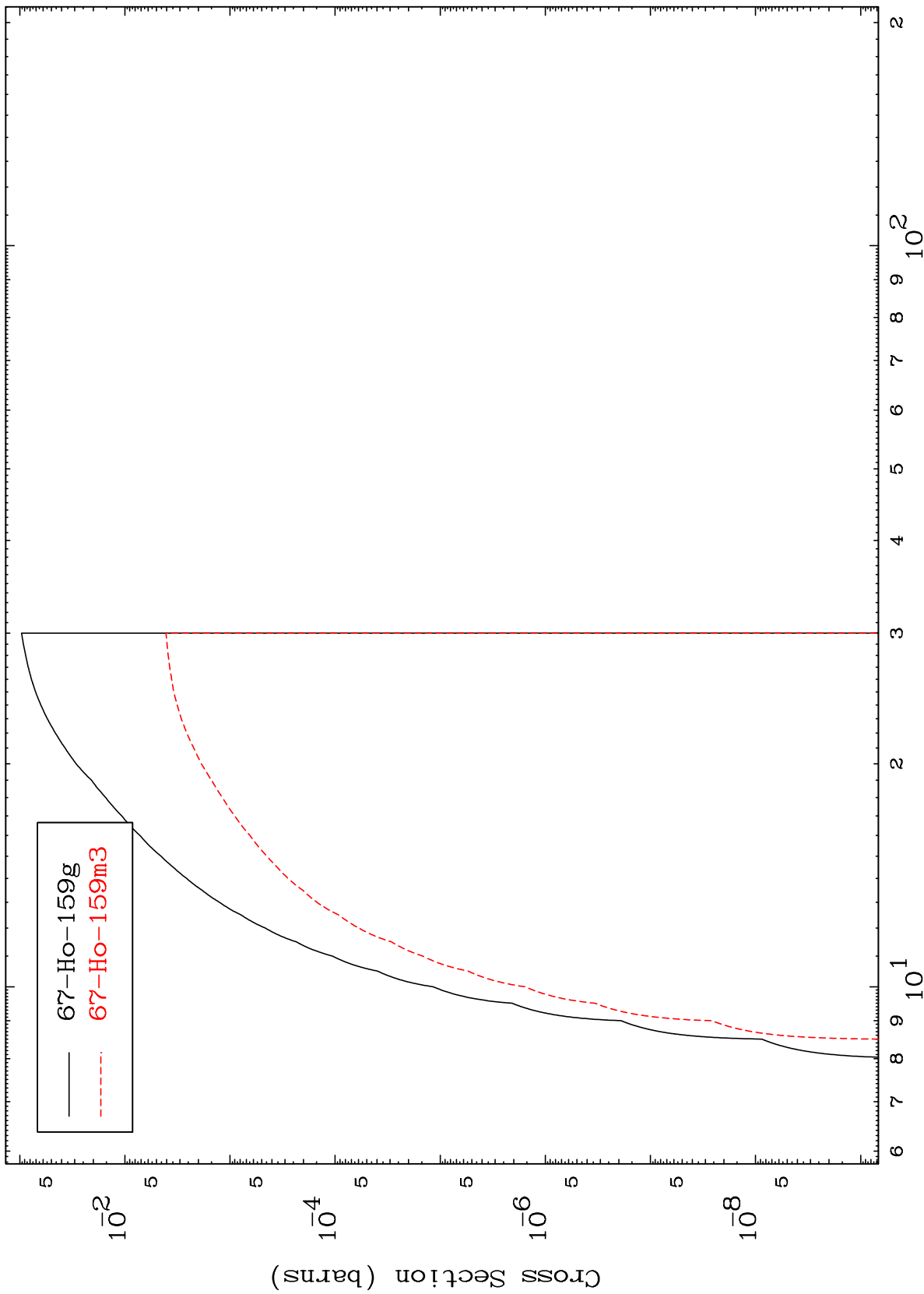


MAT 6819

(n,n') p

68-Er-160

Radionuclide Production Cross Section

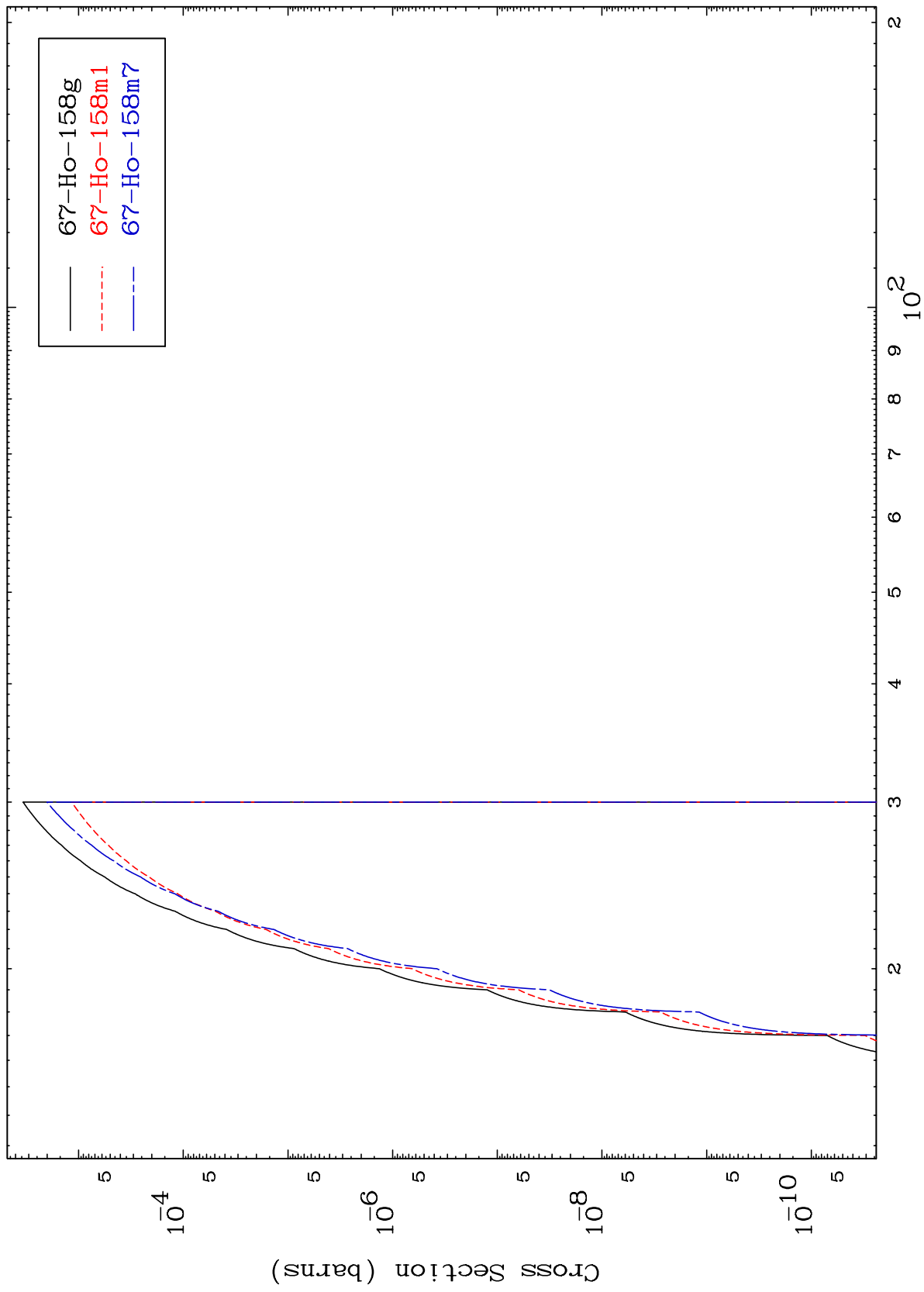


128

Incident Energy (MeV)

68-Er-160

Radionuclide Production Cross Section

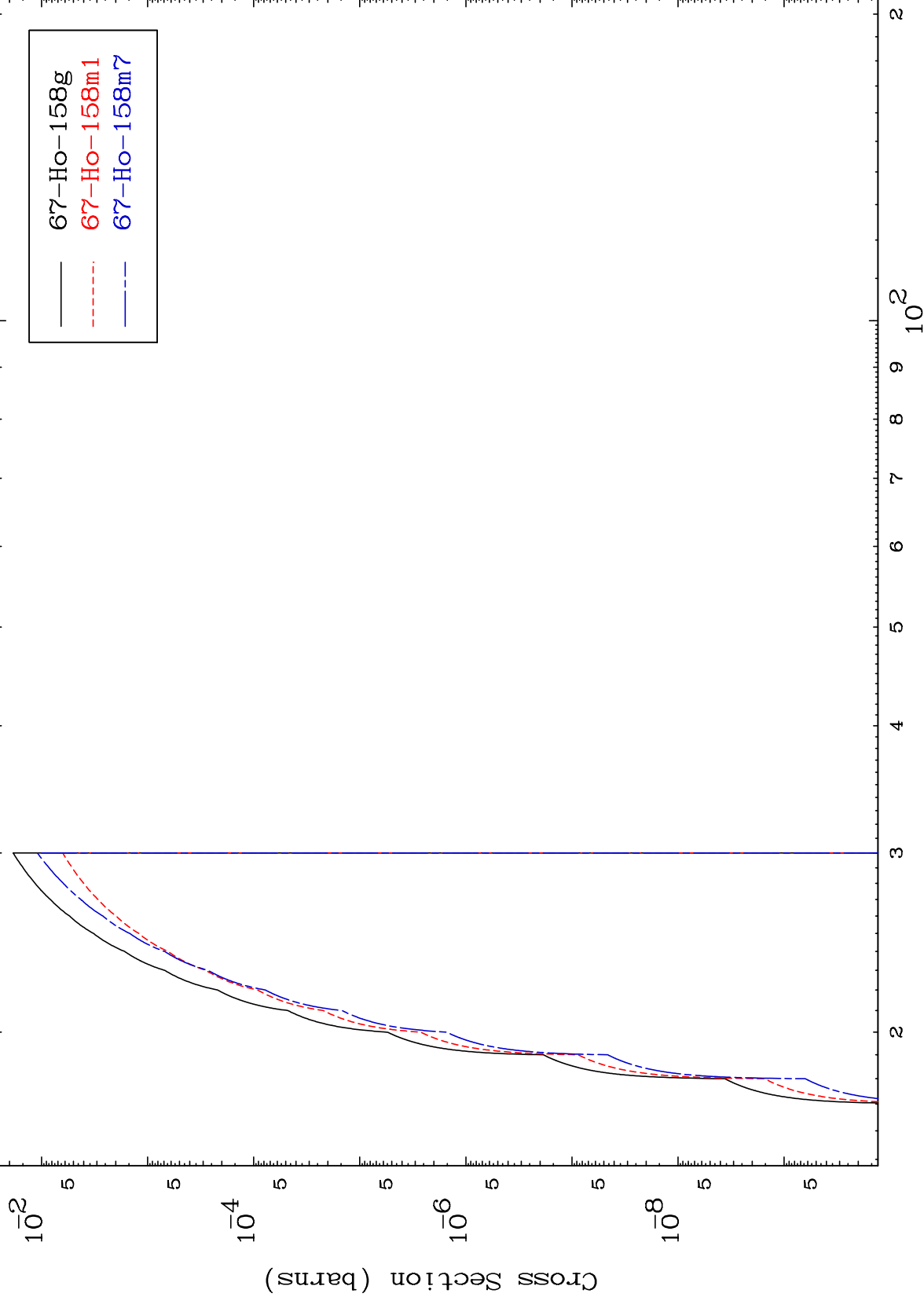


MAT 6819

(n,2n) p

68-Er-160

Radionuclide Production Cross Section



130

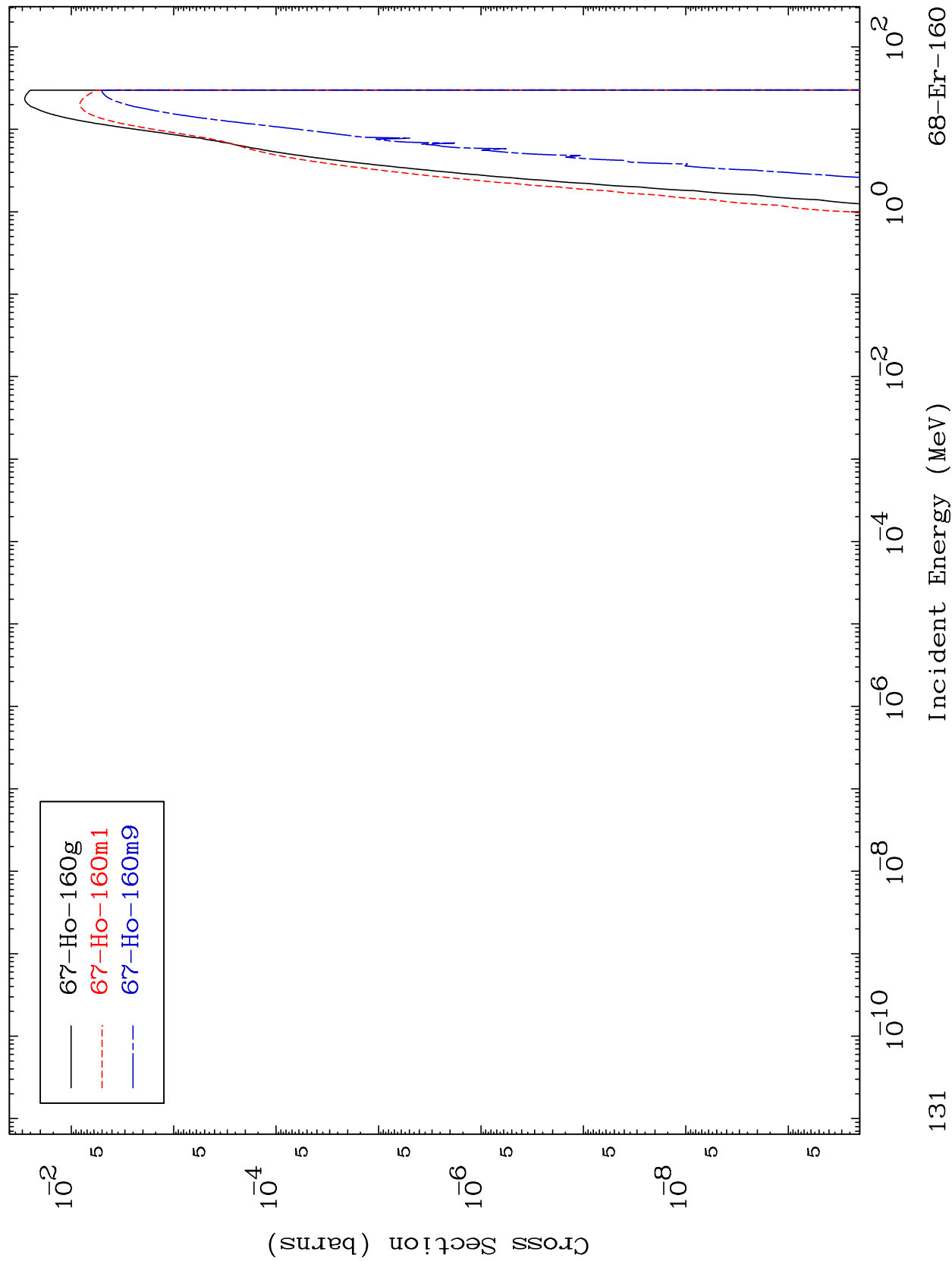
Incident Energy (MeV)

68-Er-160

MAT 6819

68-Er-160

(n,p)
Radionuclide Production Cross Section

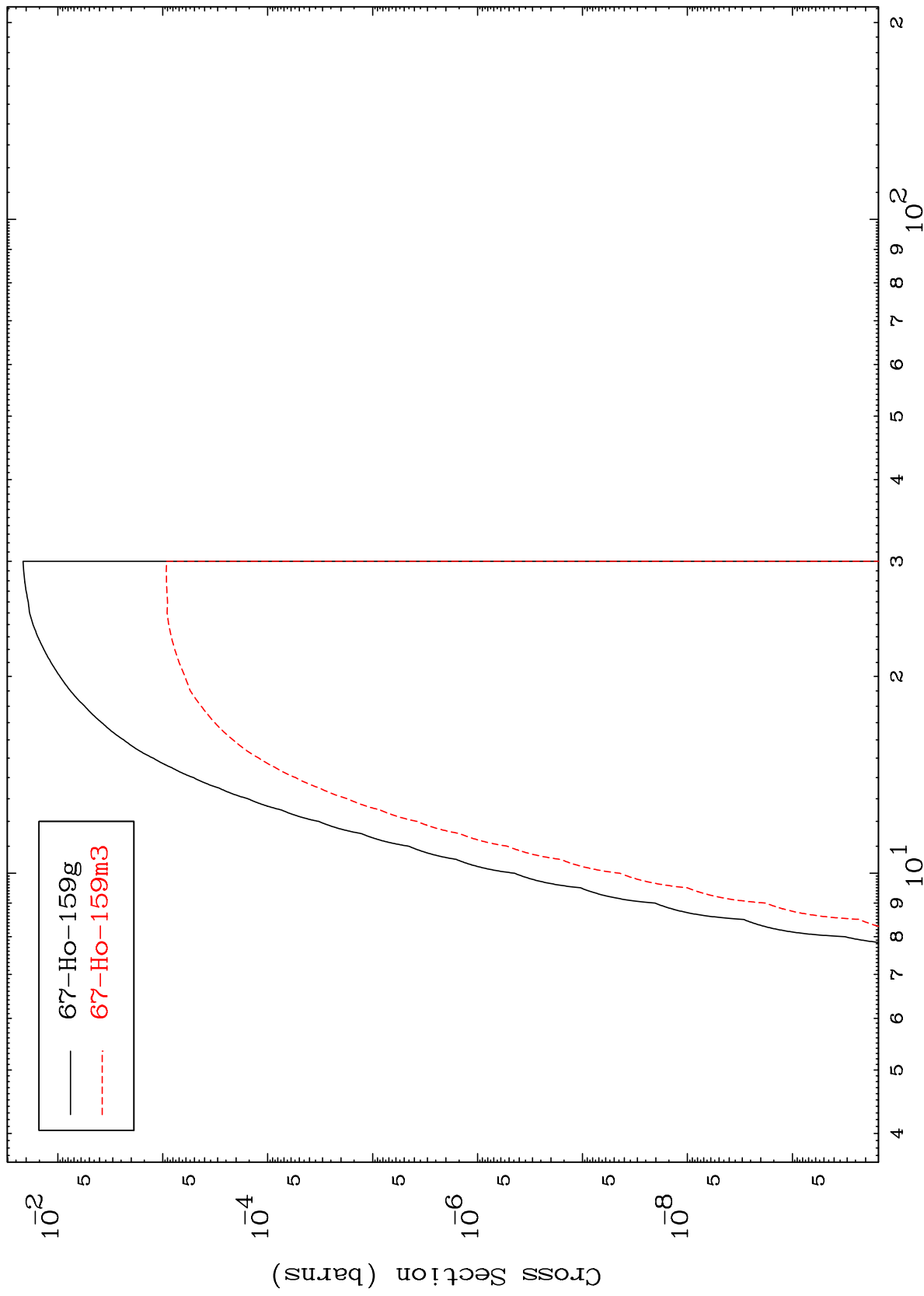


MAT 6819

(n,d)

68-Er-160

Radionuclide Production Cross Section



132

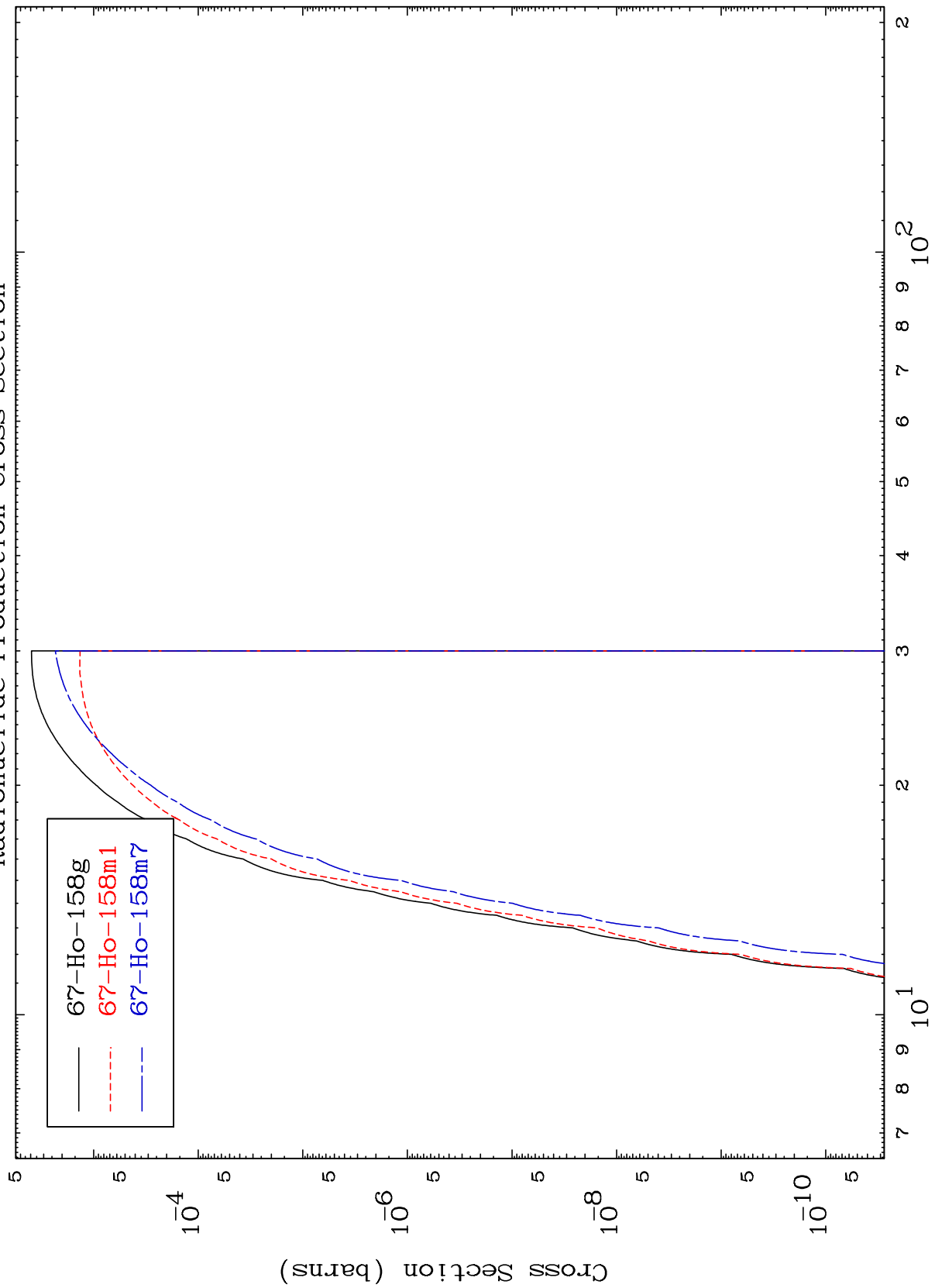
Incident Energy (MeV)

68-Er-160

MAT 6819

68-Er-160

(n,t)
Radionuclide Production Cross Section



68-Er-160

Incident Energy (MeV)

133

MAT 6819

(n,p) α

68-Er-160

Radionuclide Production Cross Section

