

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

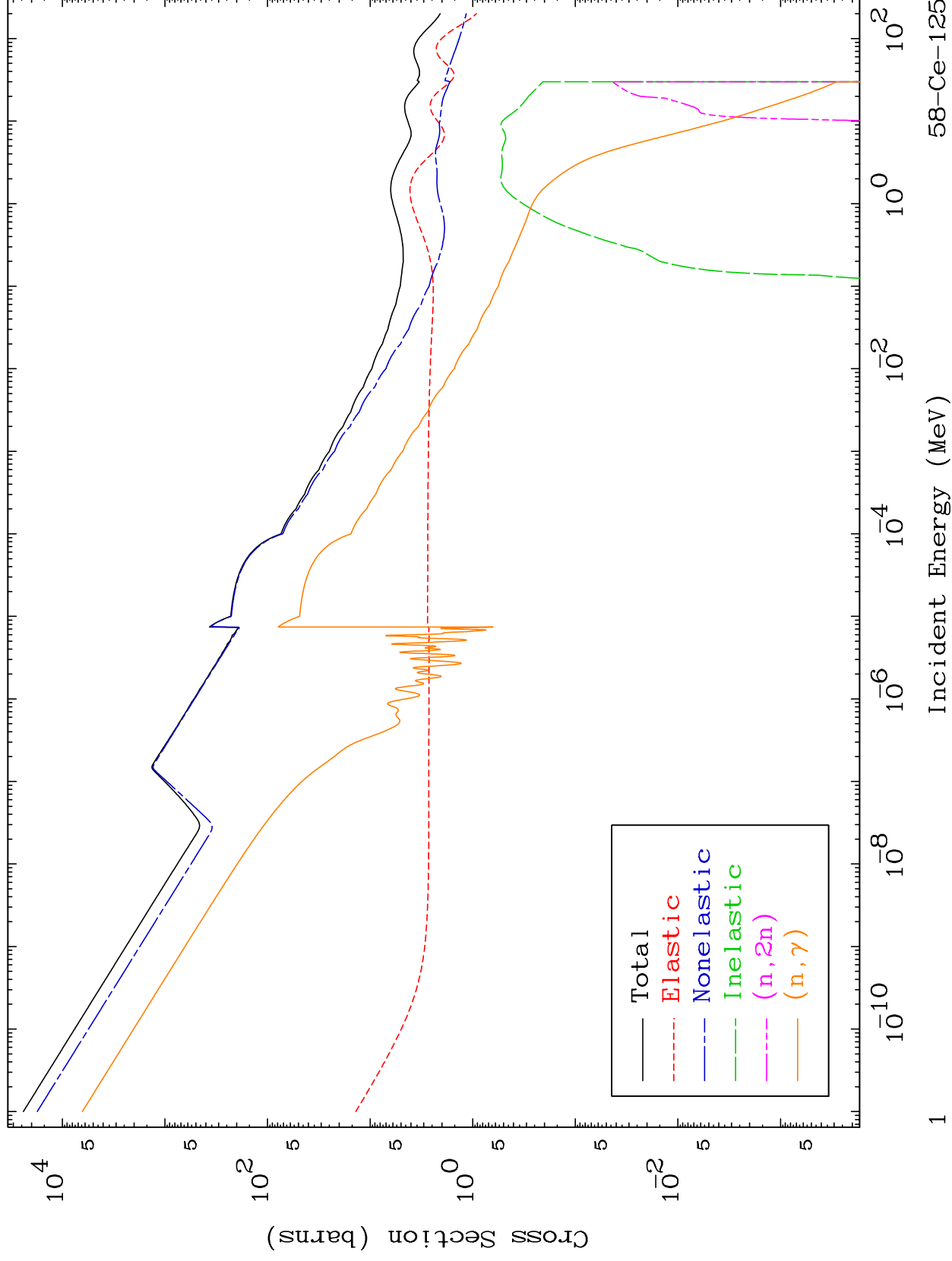
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5792

Neutron Major
293 Kelvin Cross Sections

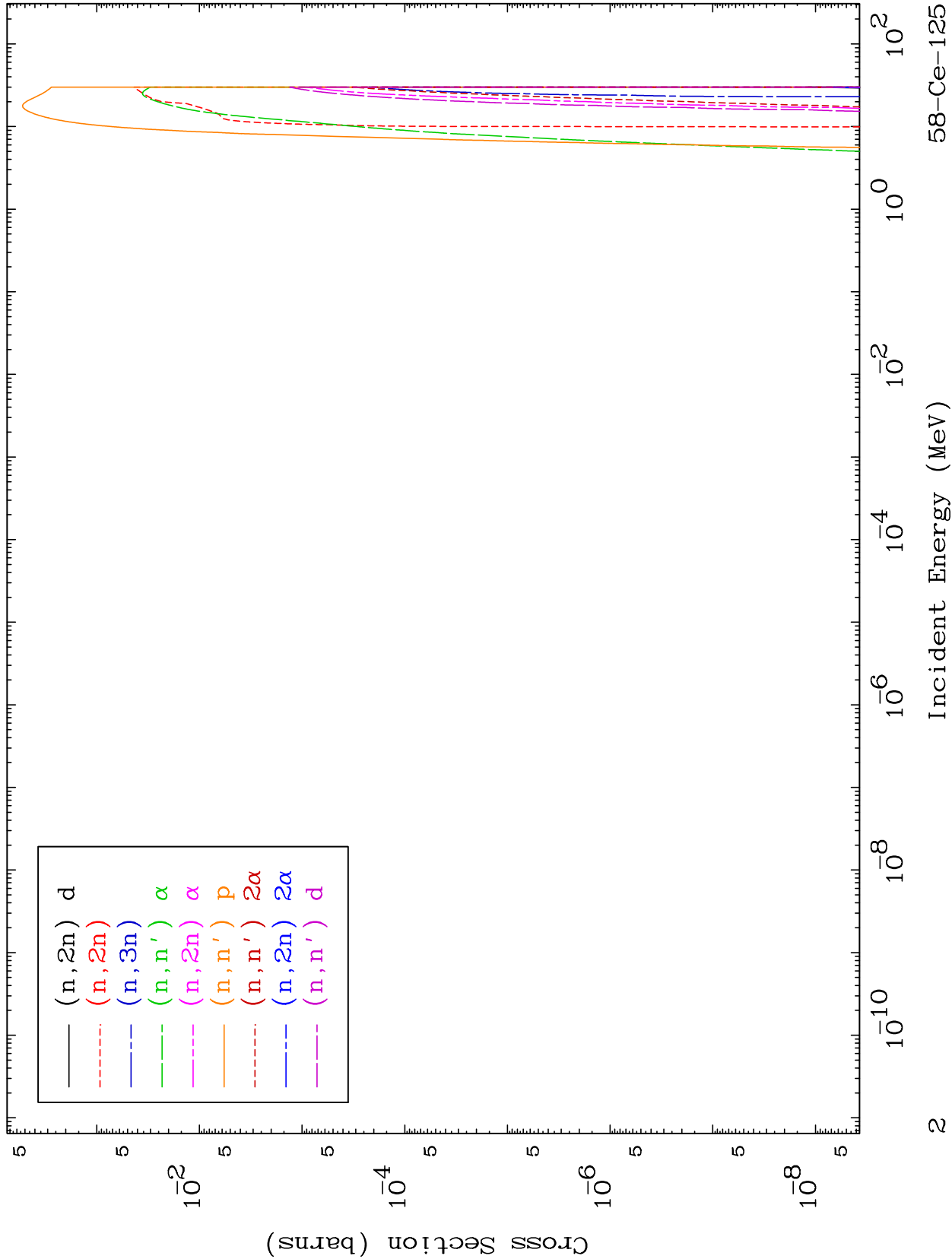
58-Ce-125

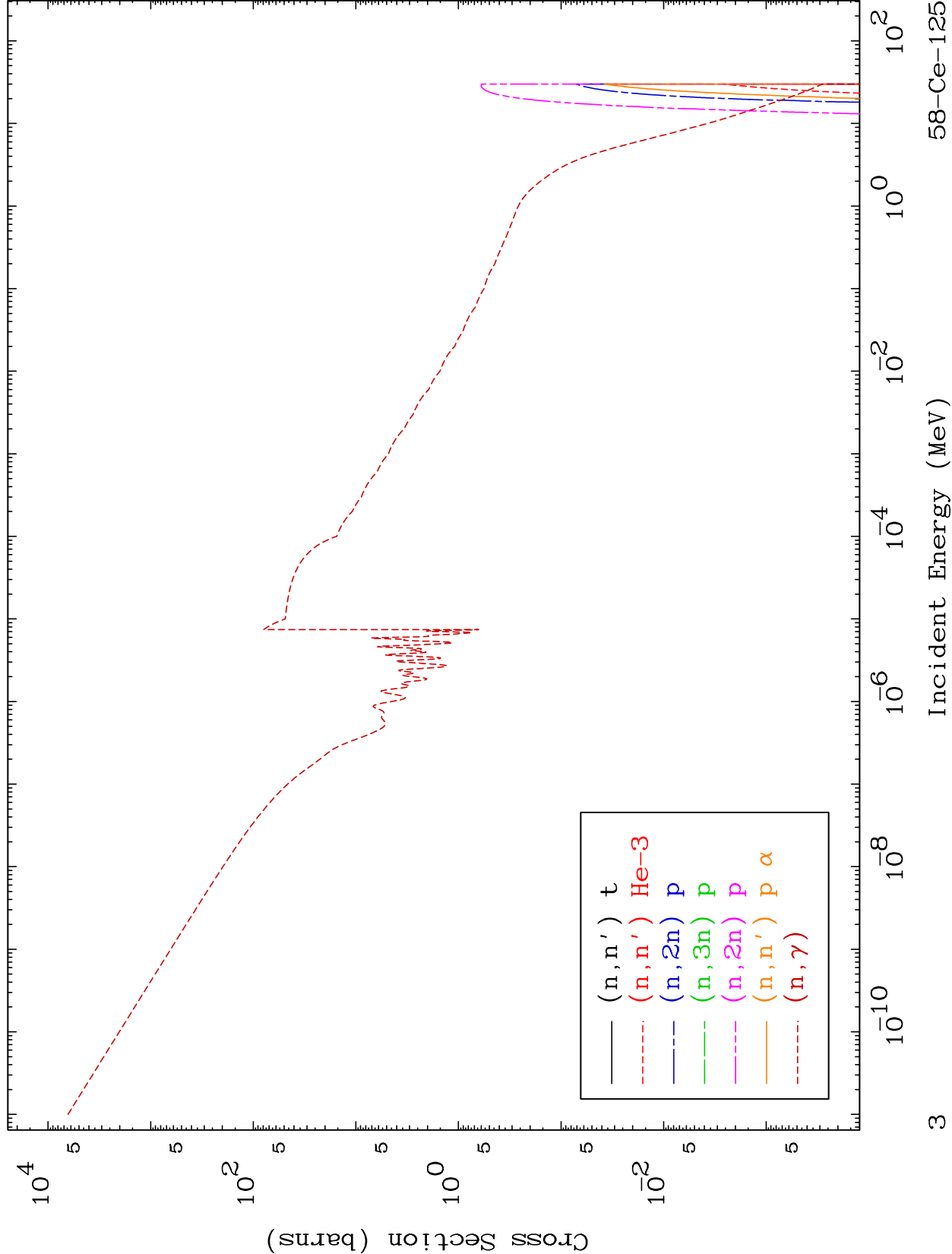


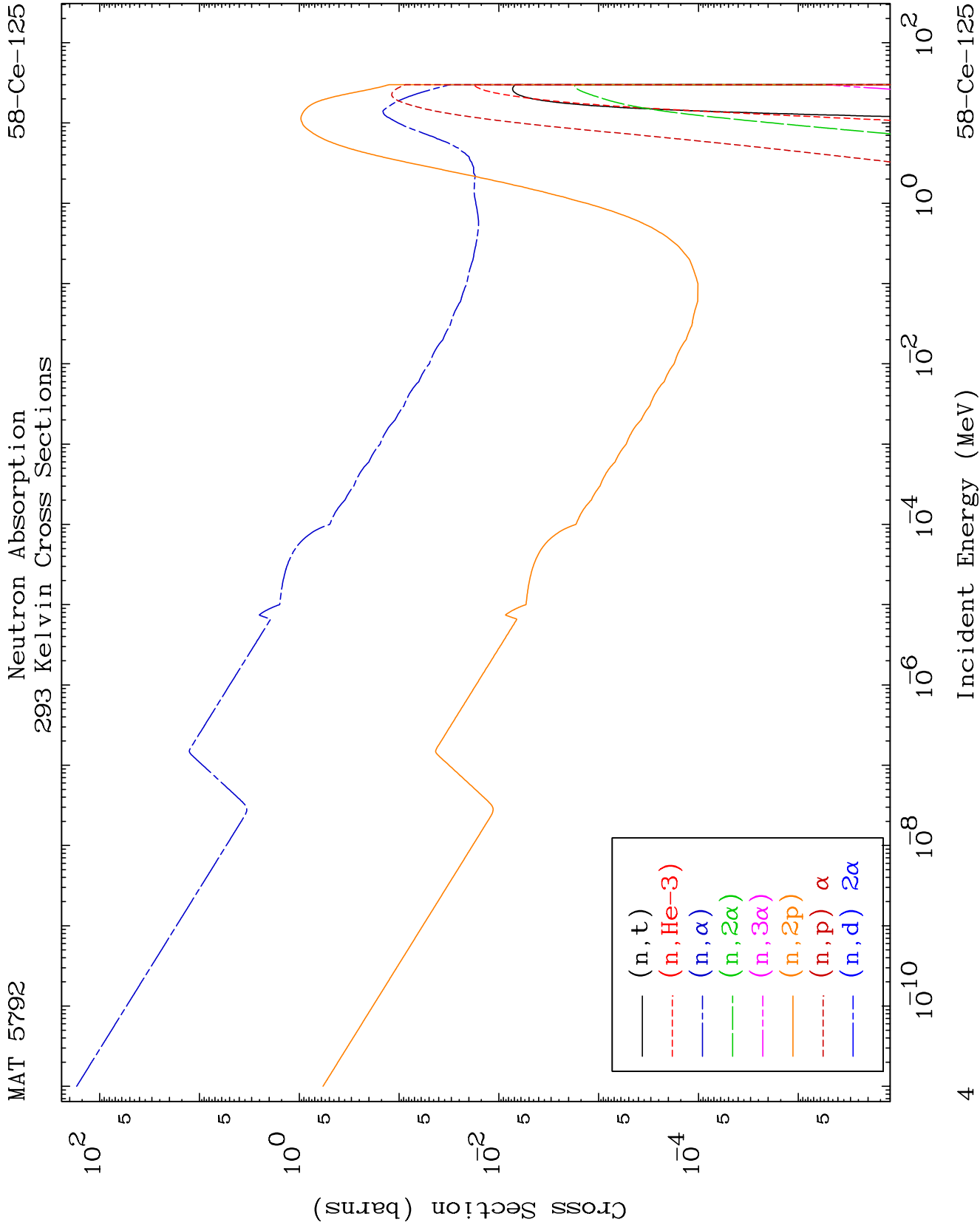
MAT 5792

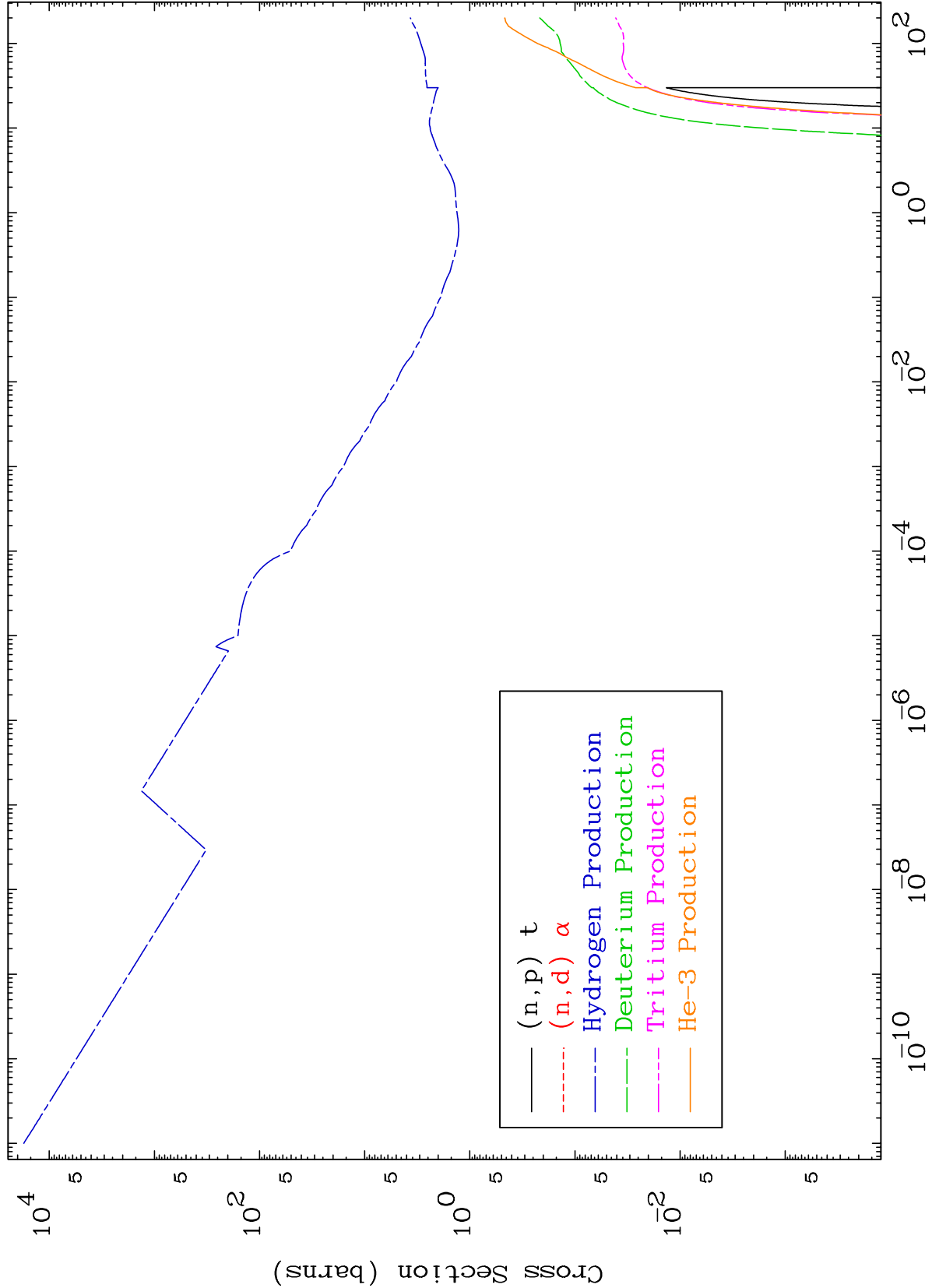
Neutron Absorption
293 Kelvin Cross Sections

58-Ce-125





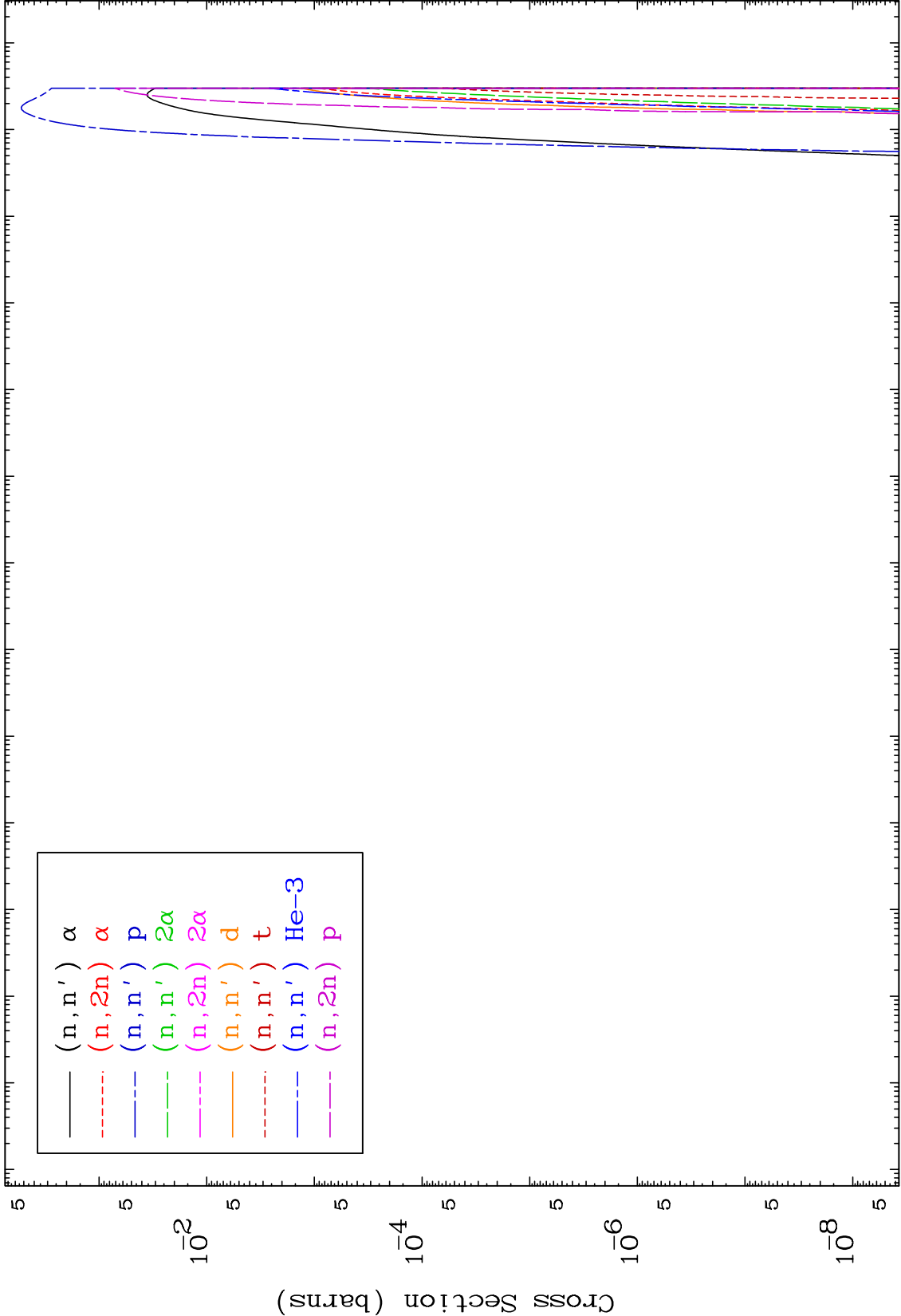


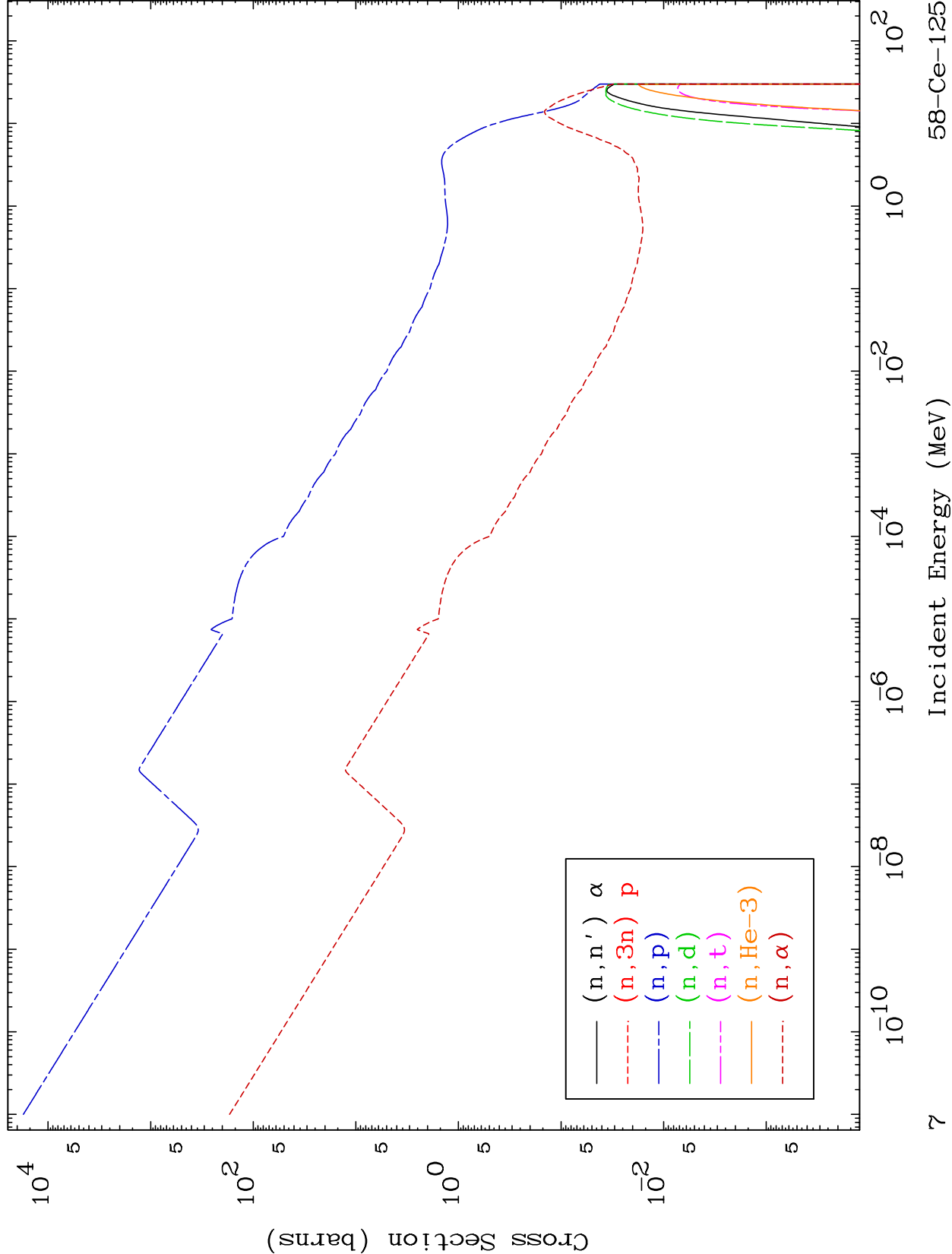


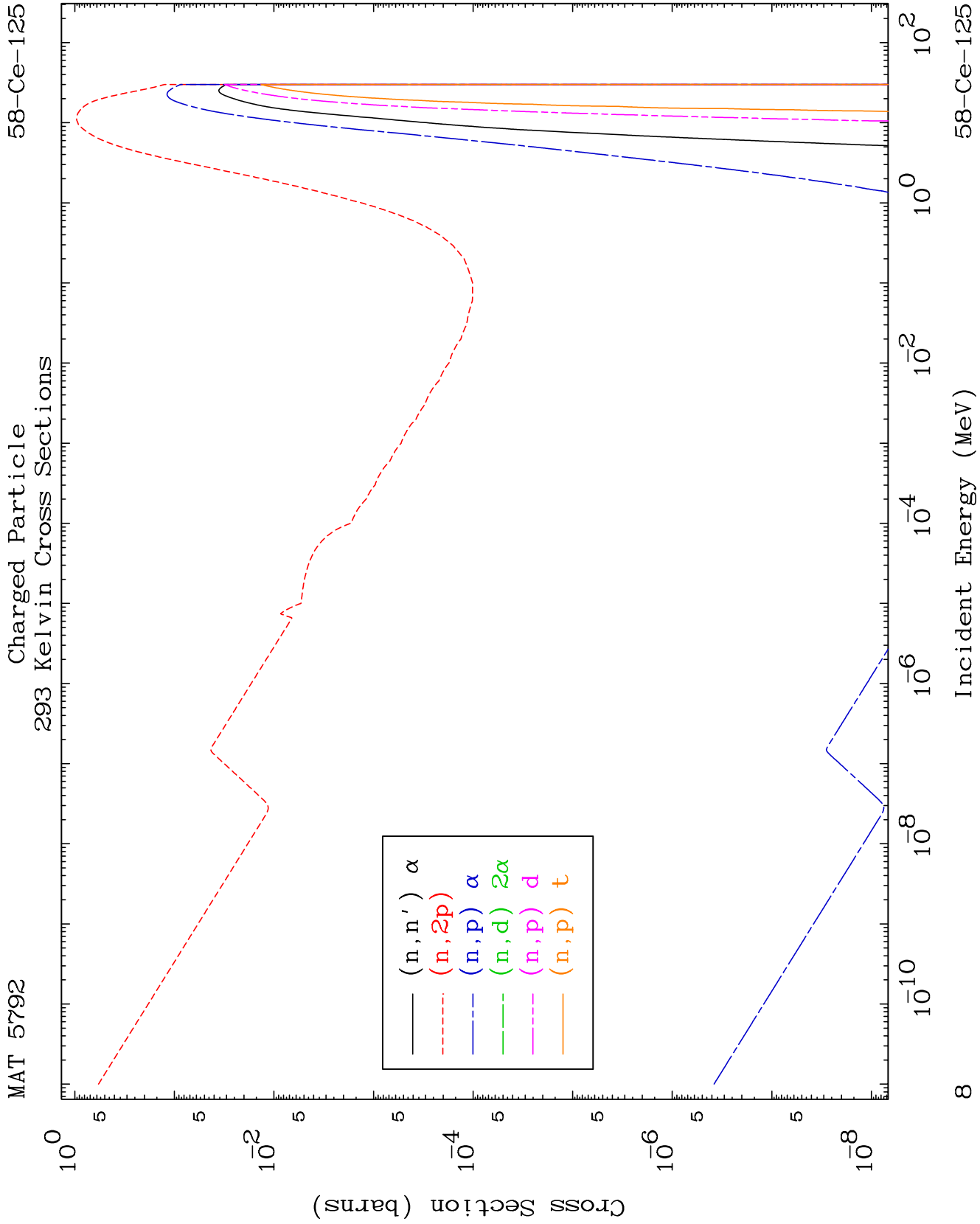
MAT 5792

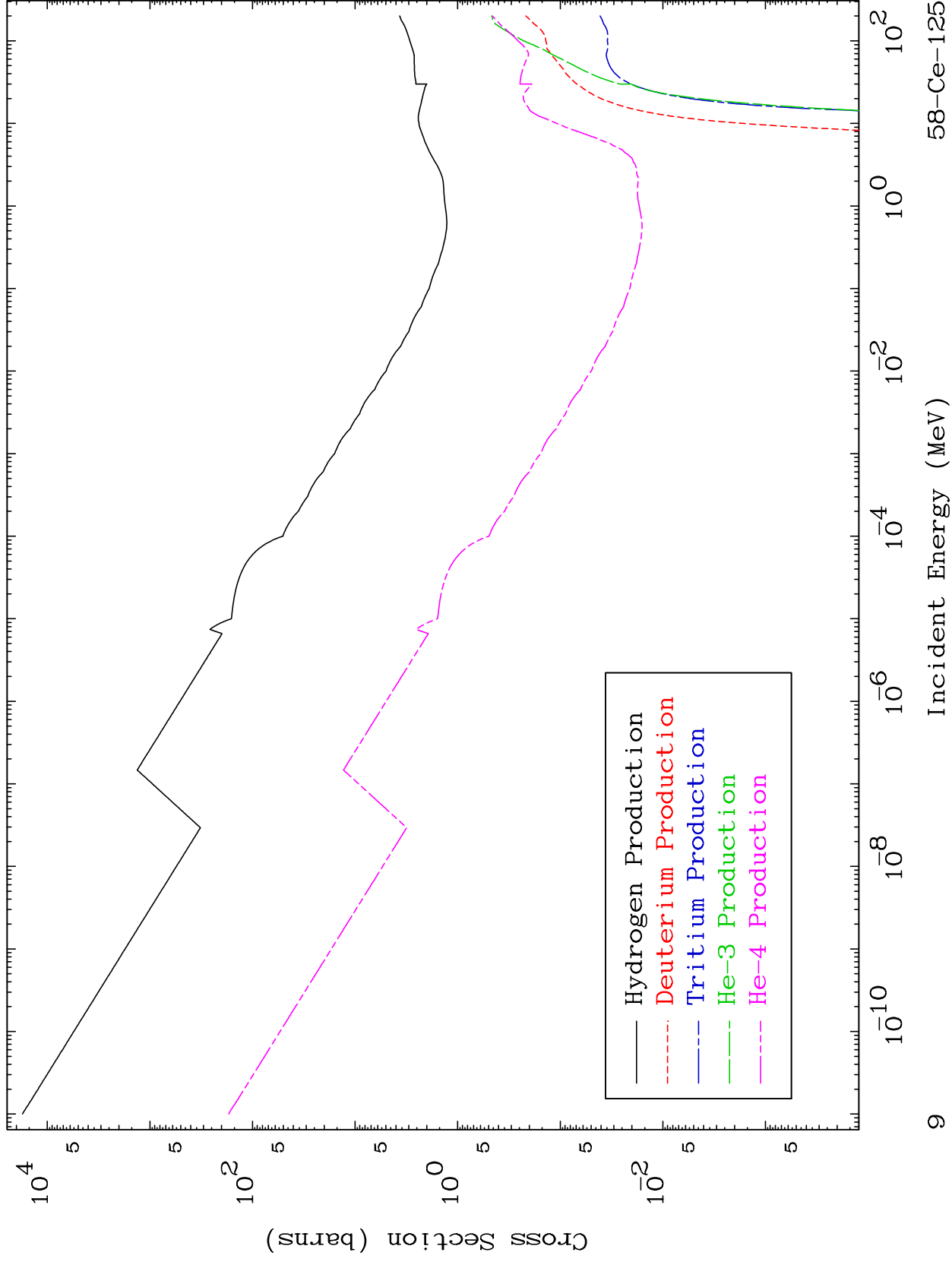
Charged Particle
293 Kelvin Cross Sections

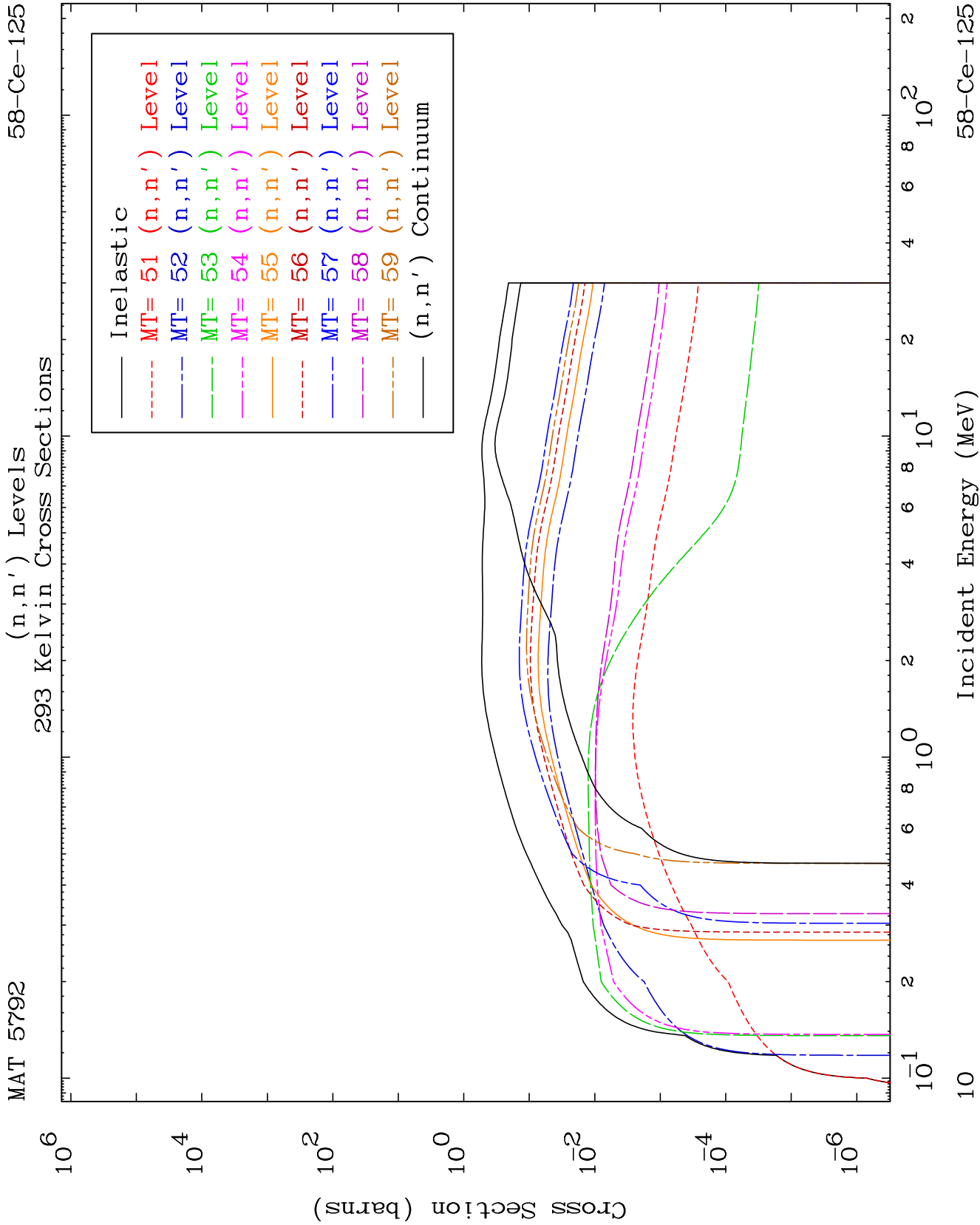
58-Ce-125

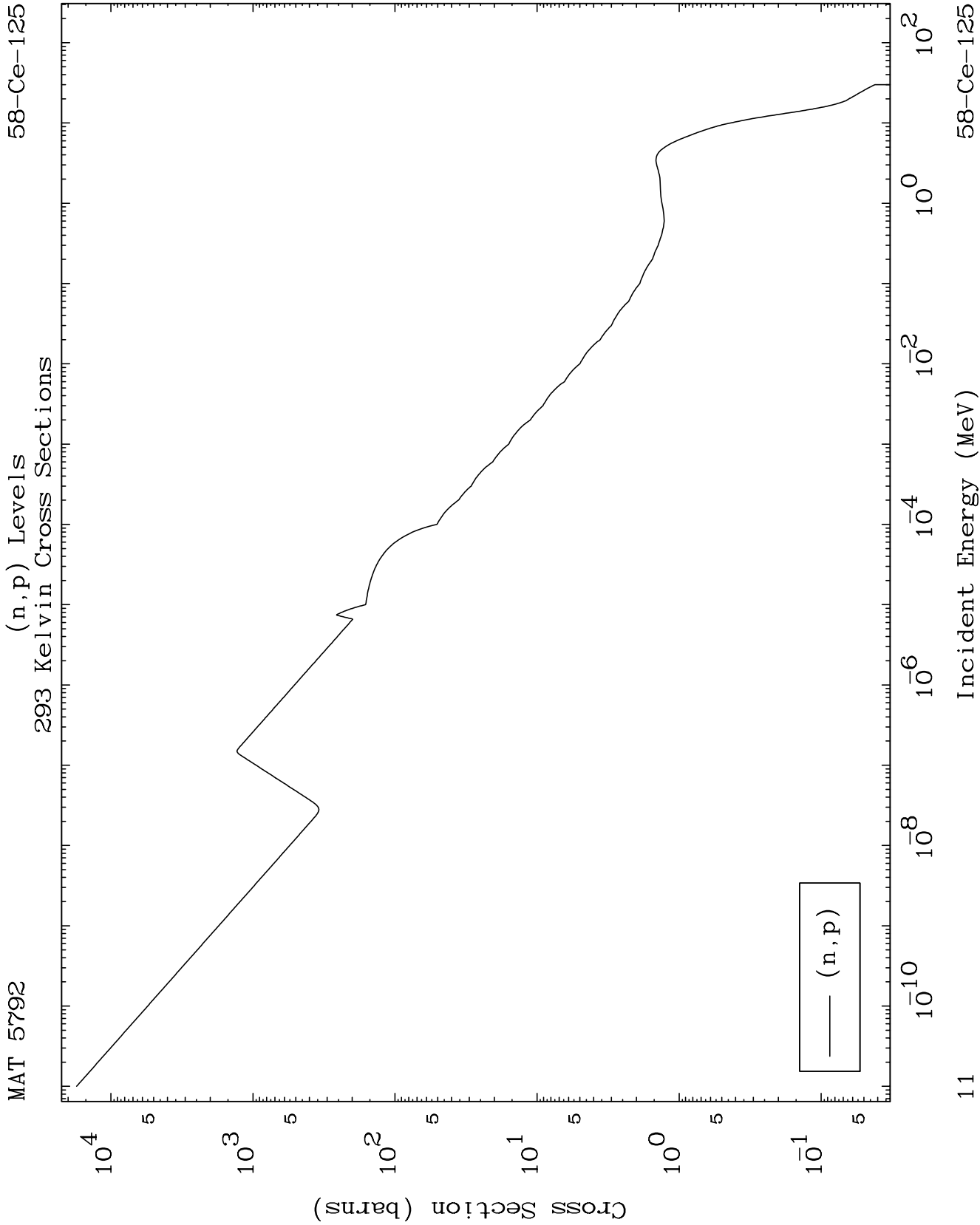








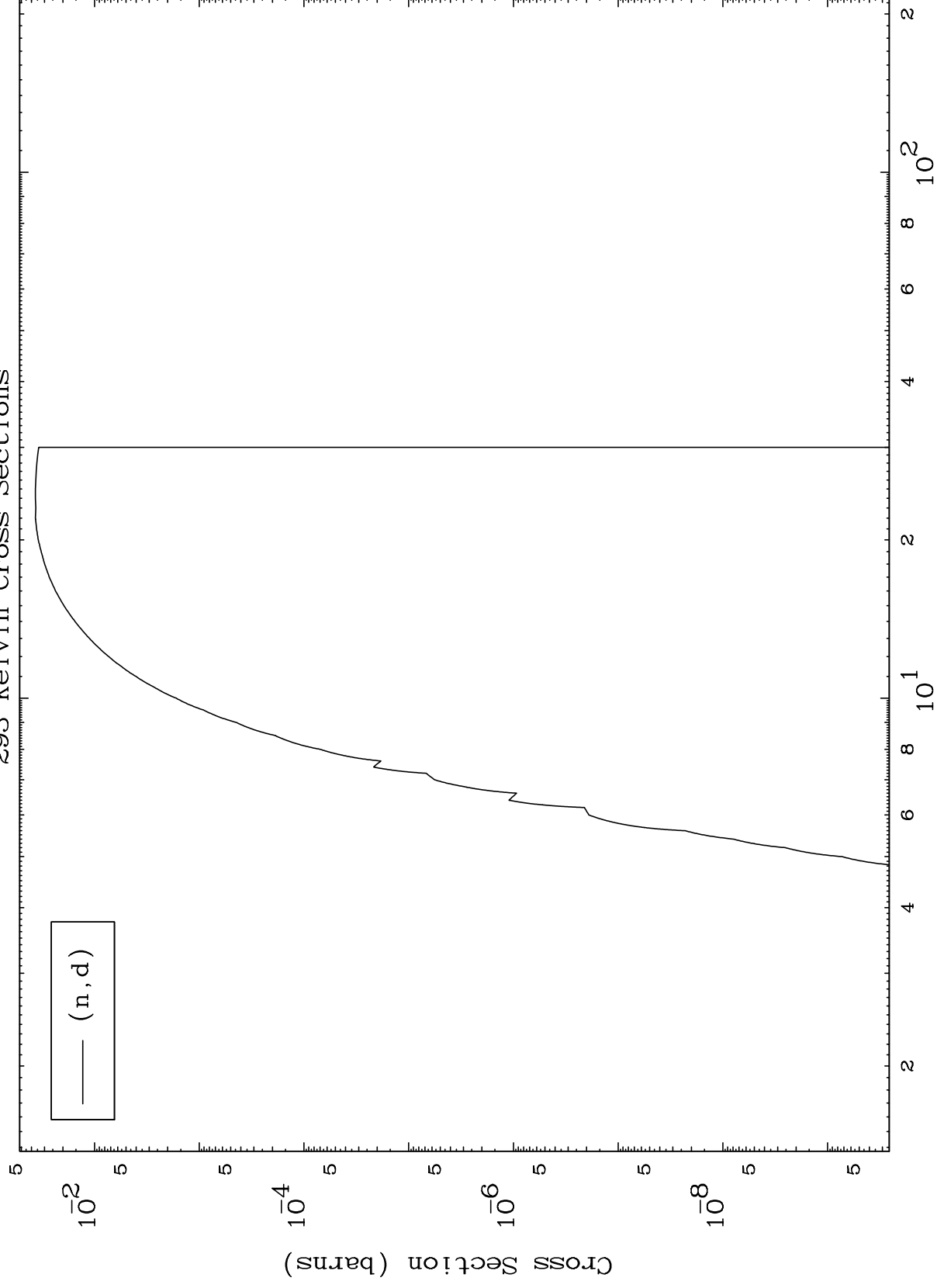




MAT 5792

58-Ce-125

(n,d) Levels
293 Kelvin Cross Sections



58-Ce-125

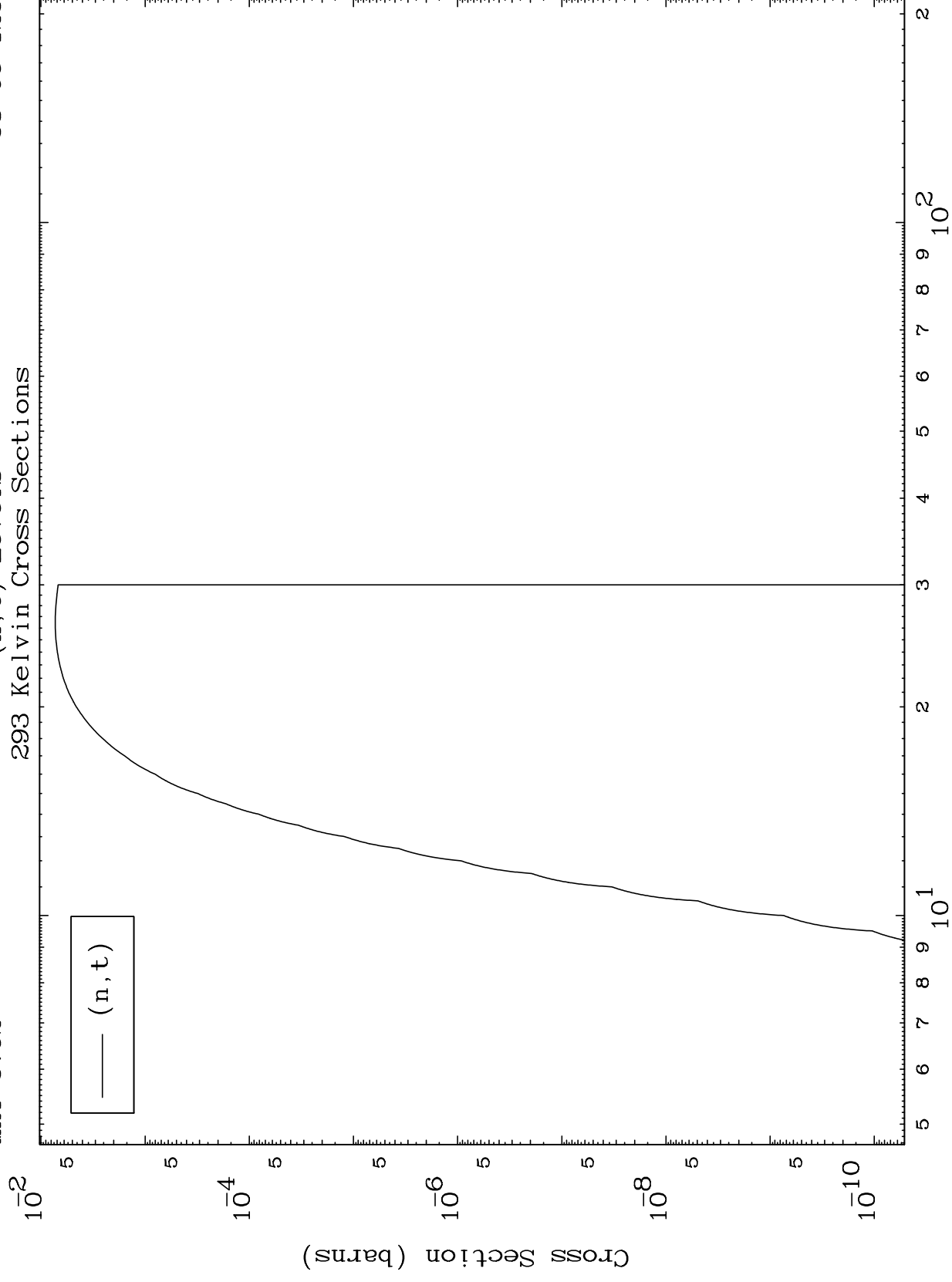
Incident Energy (MeV)

12

MAT 5792

58-Ce-125

(n, t) Levels
293 Kelvin Cross Sections



13

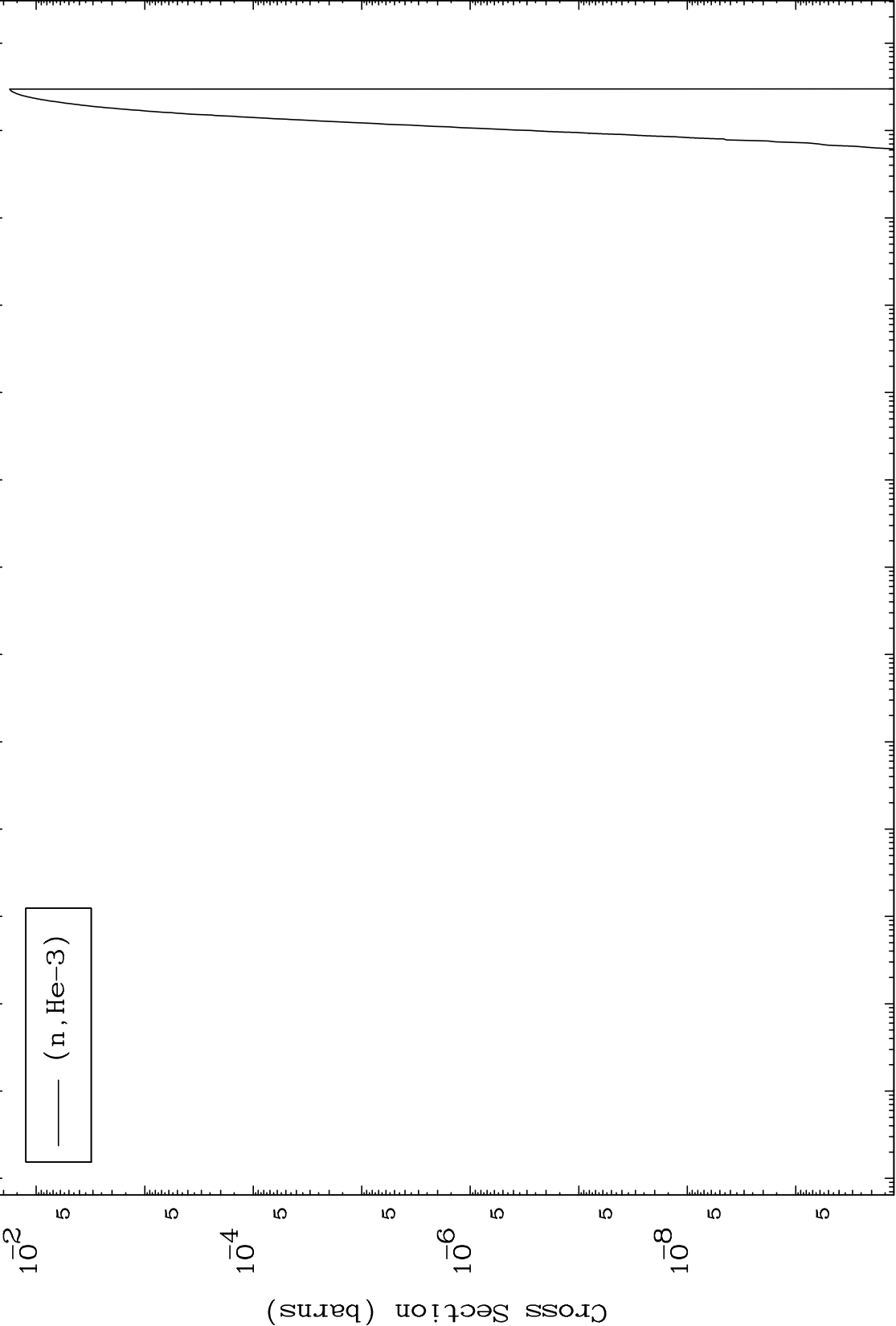
Incident Energy (MeV)

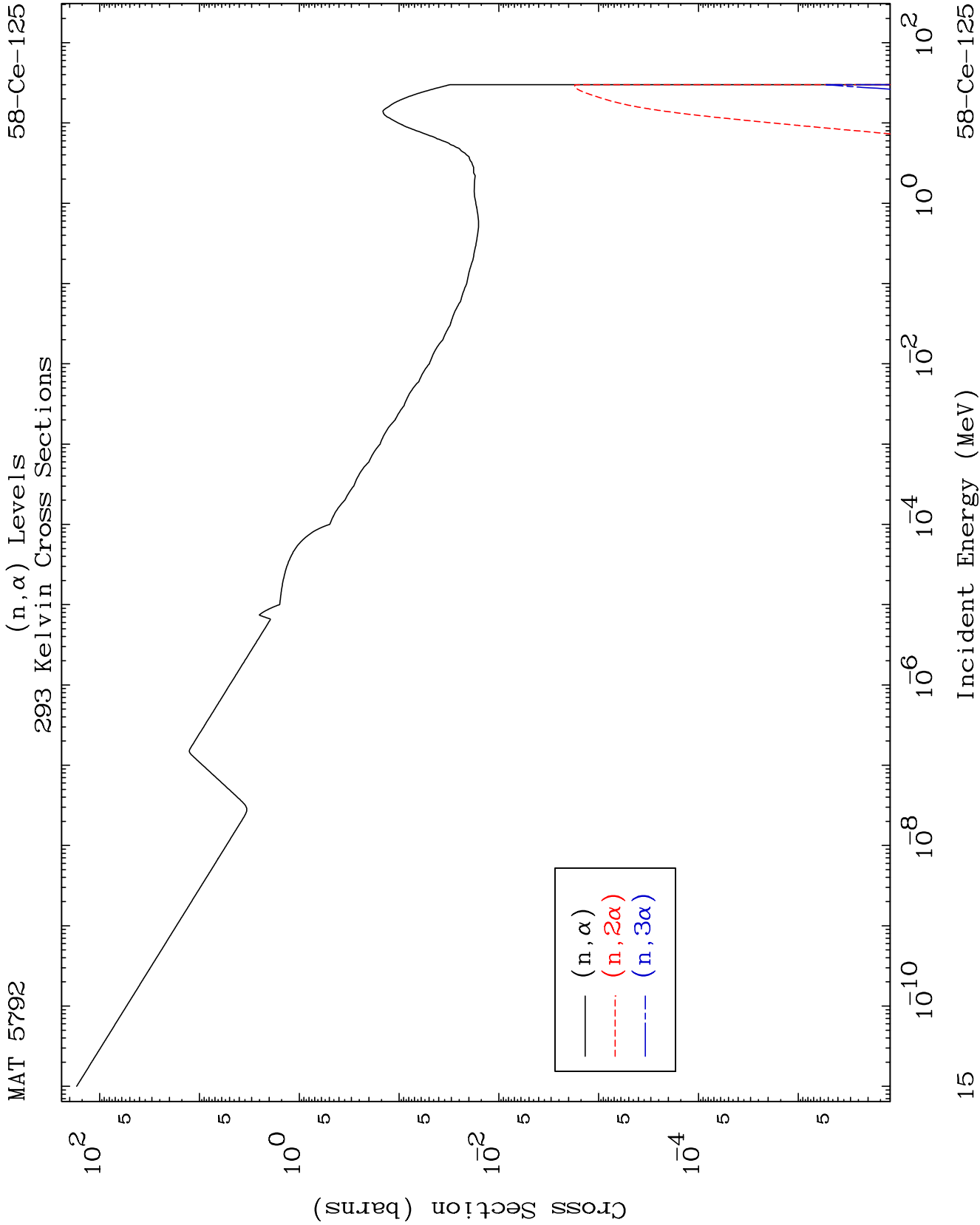
58-Ce-125

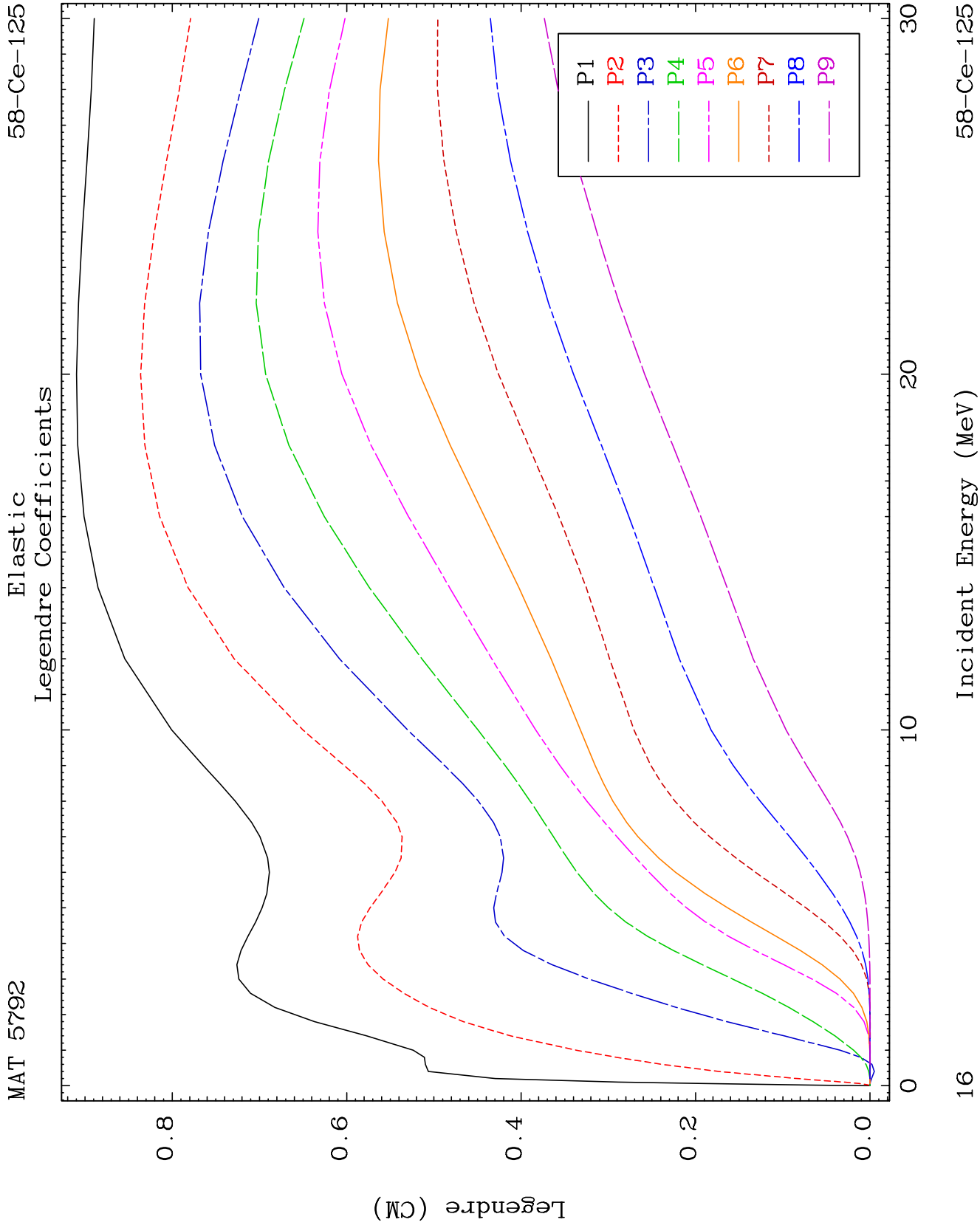
MAT 5792

(n,He3) Levels
293 Kelvin Cross Sections

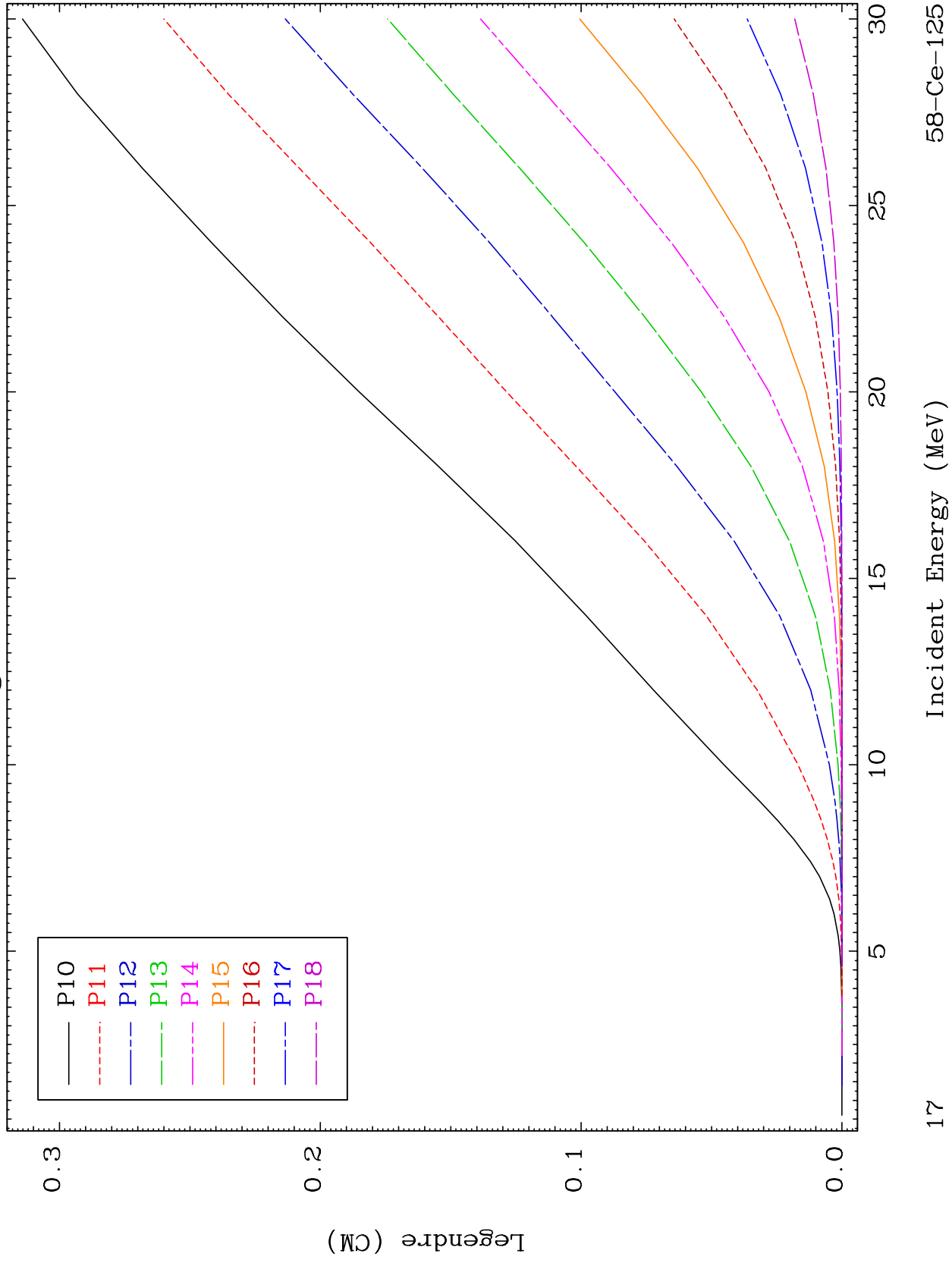
58-Ce-125

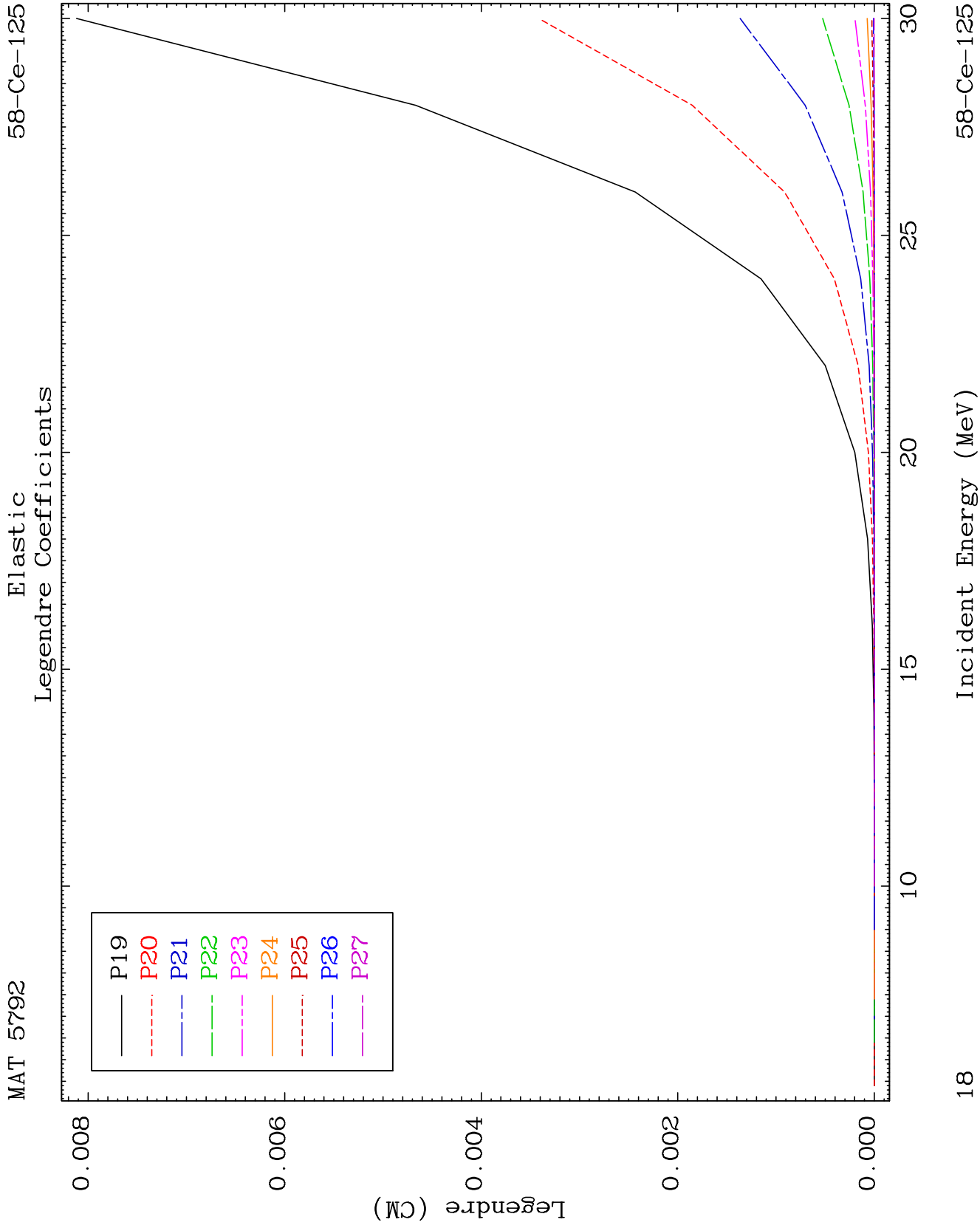


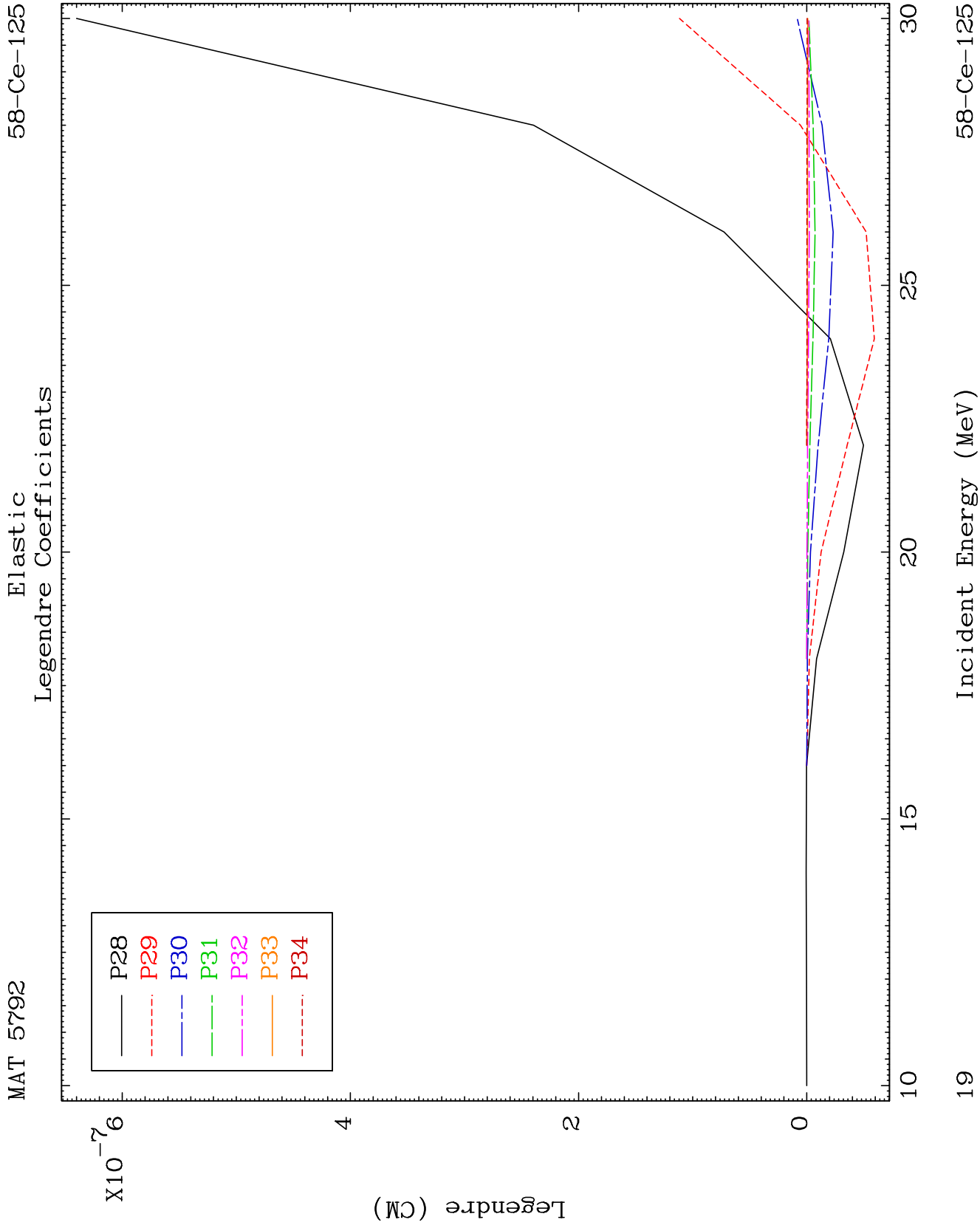




58-Ce-125



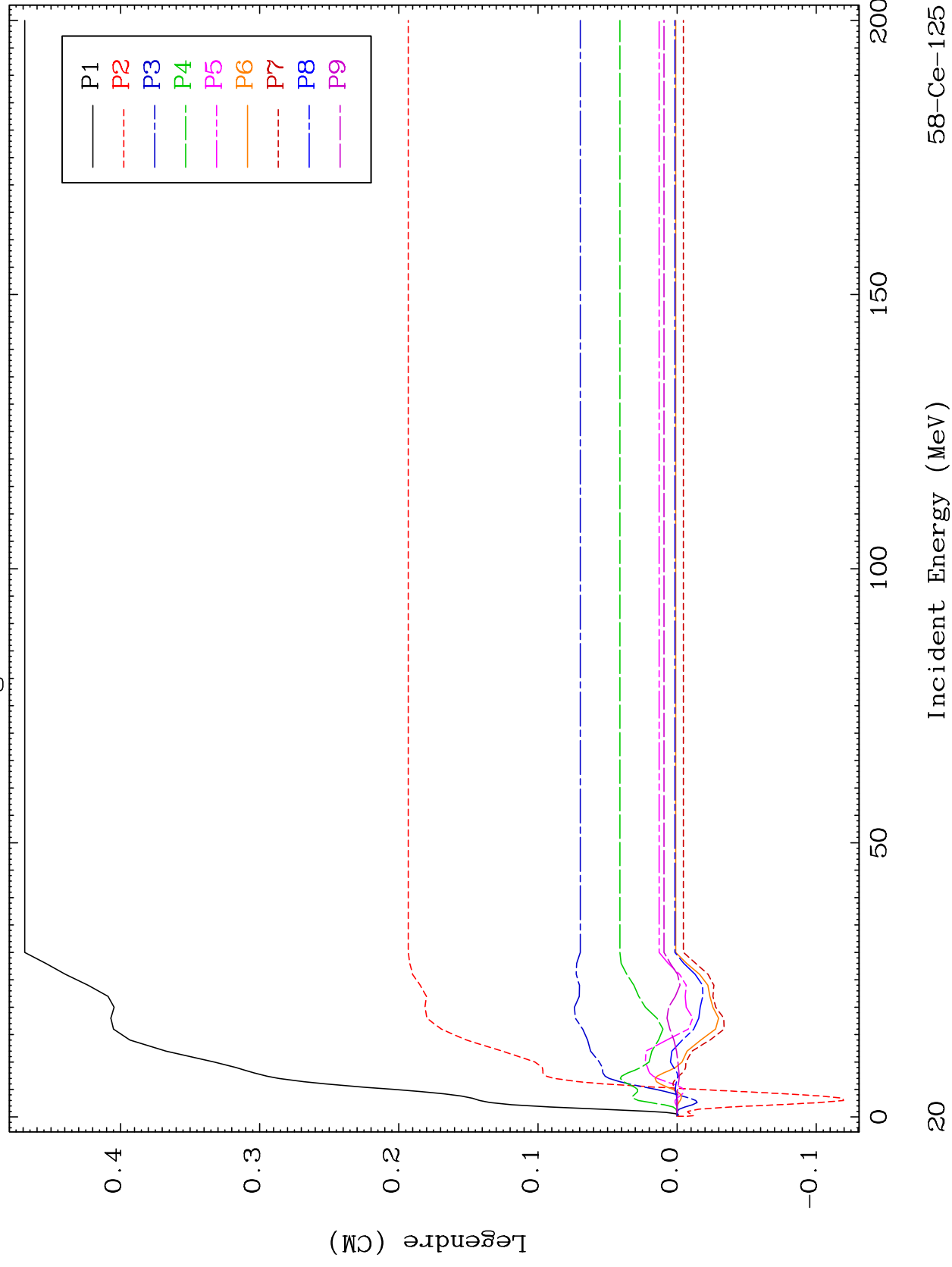




MAT 5792

MT= 51 (n, n') Level
Legendre Coefficients

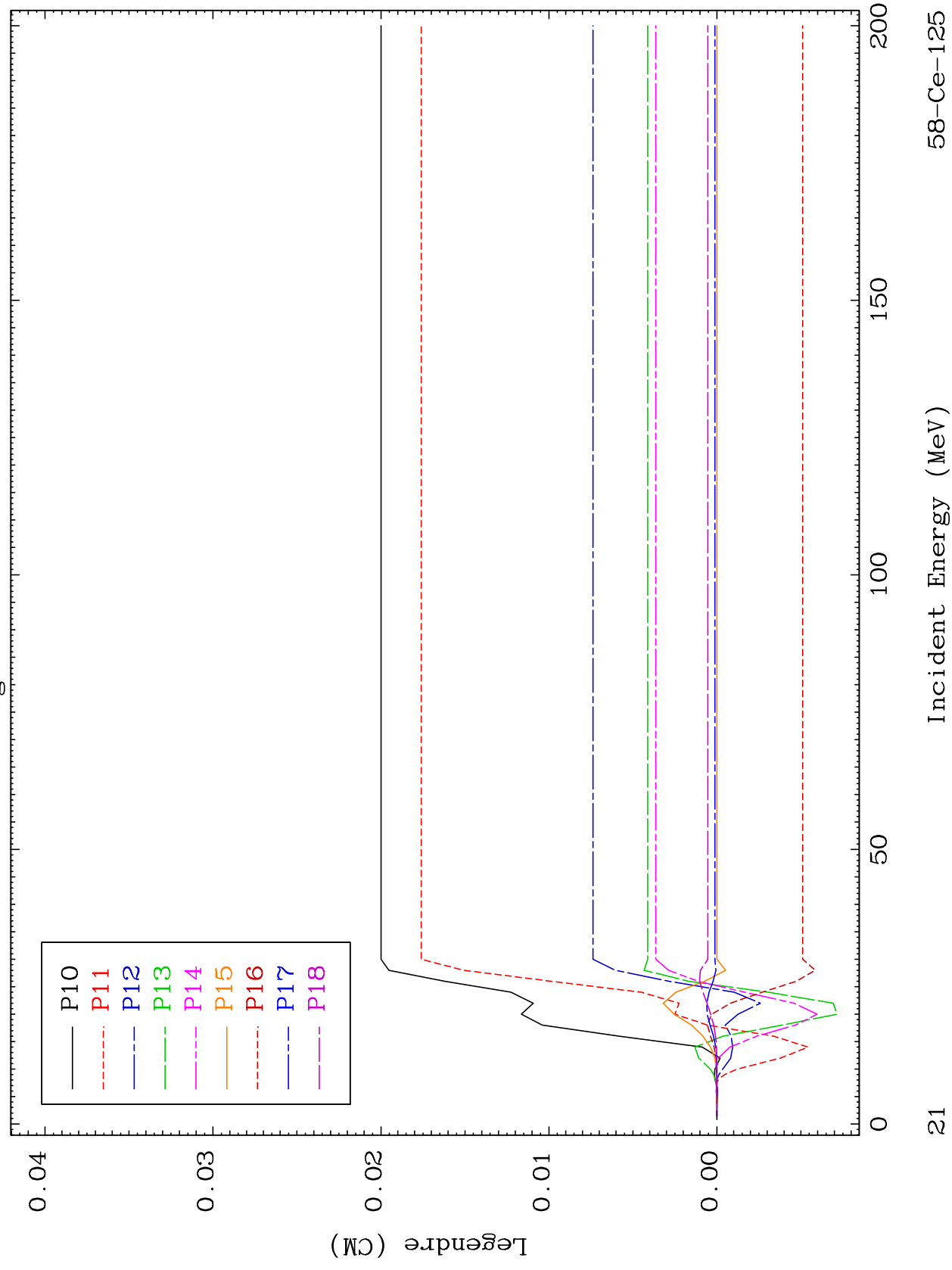
58-Ce-125

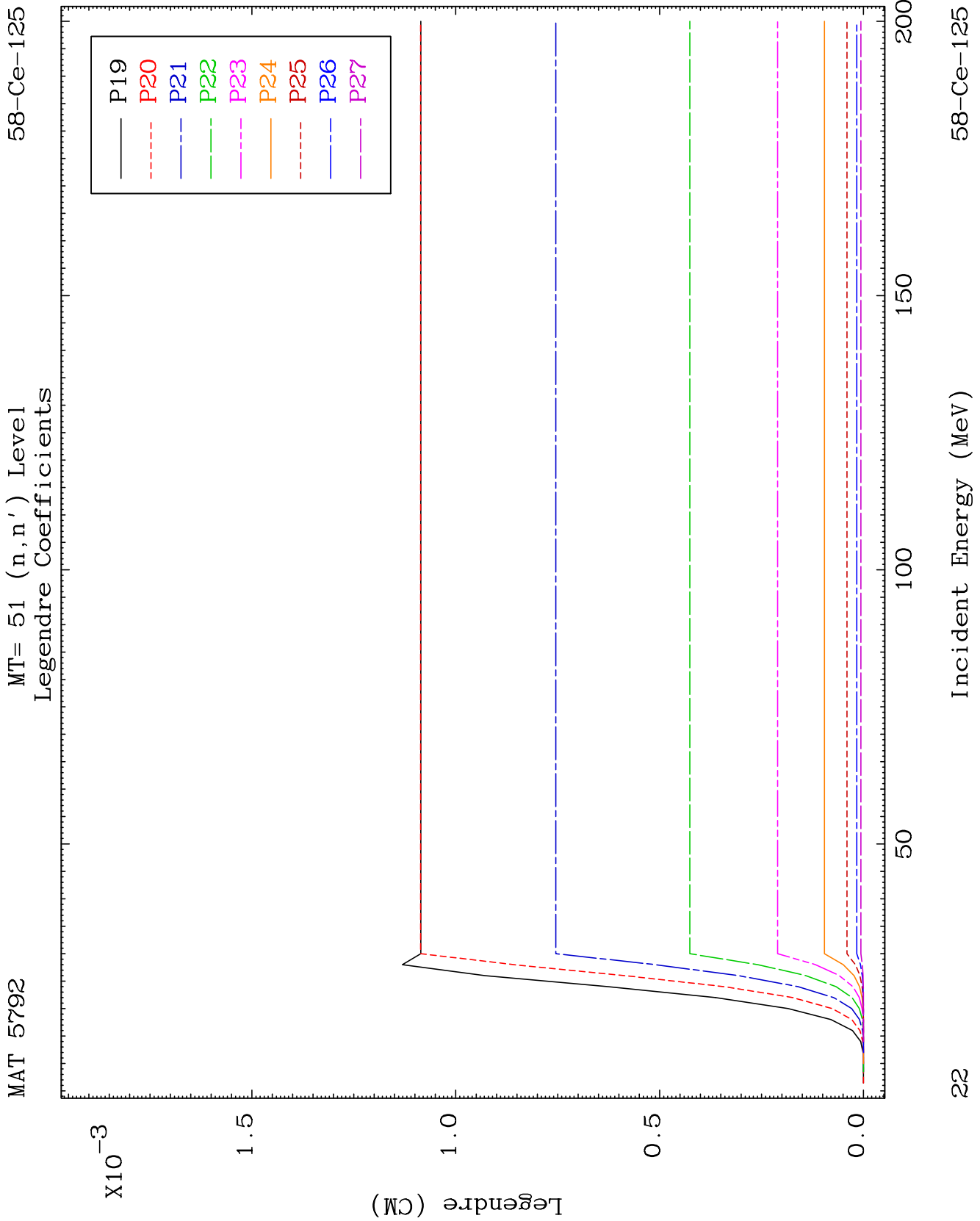


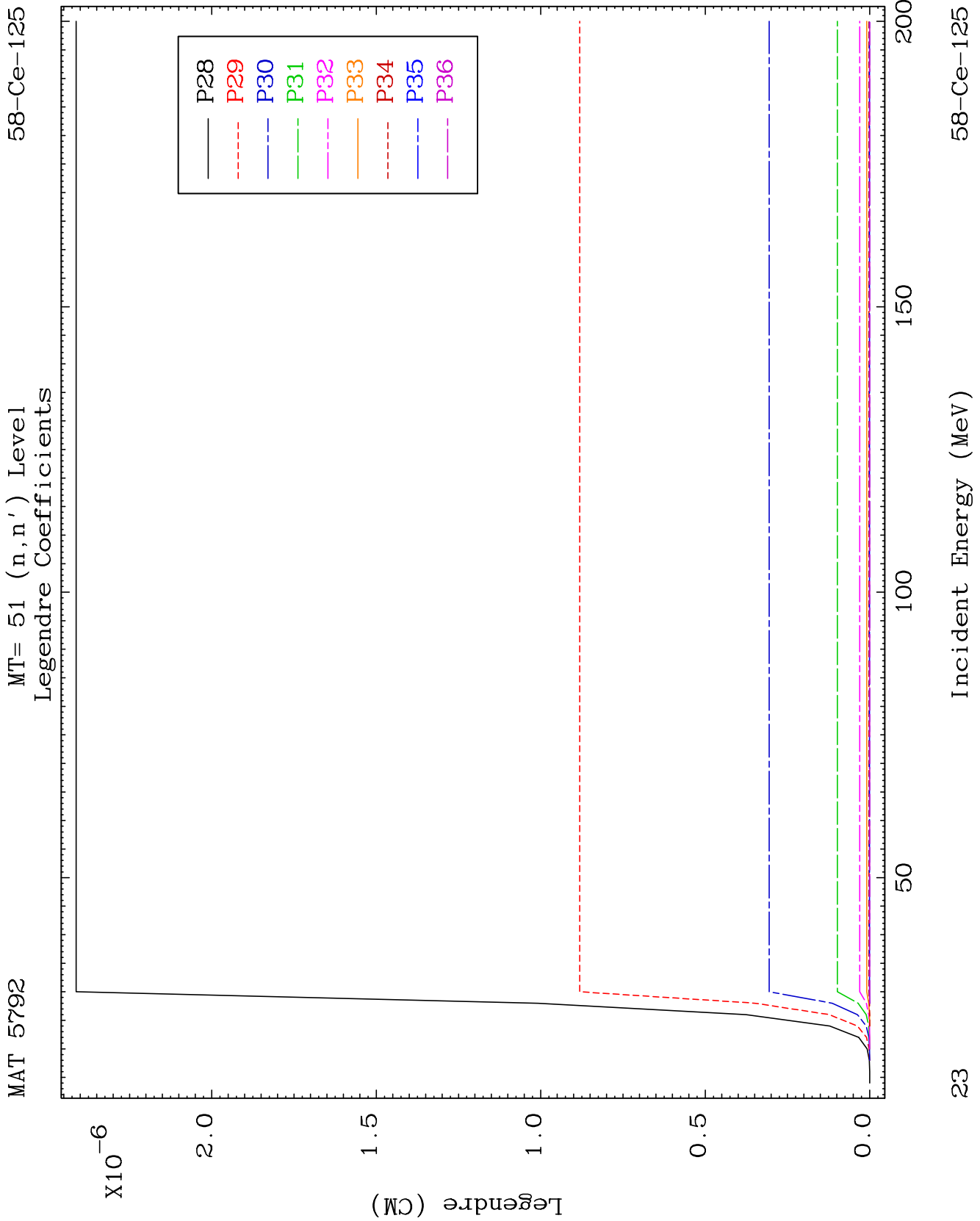
MAT 5792

MT= 51 (n, n') Level
Legendre Coefficients

58-Ce-125



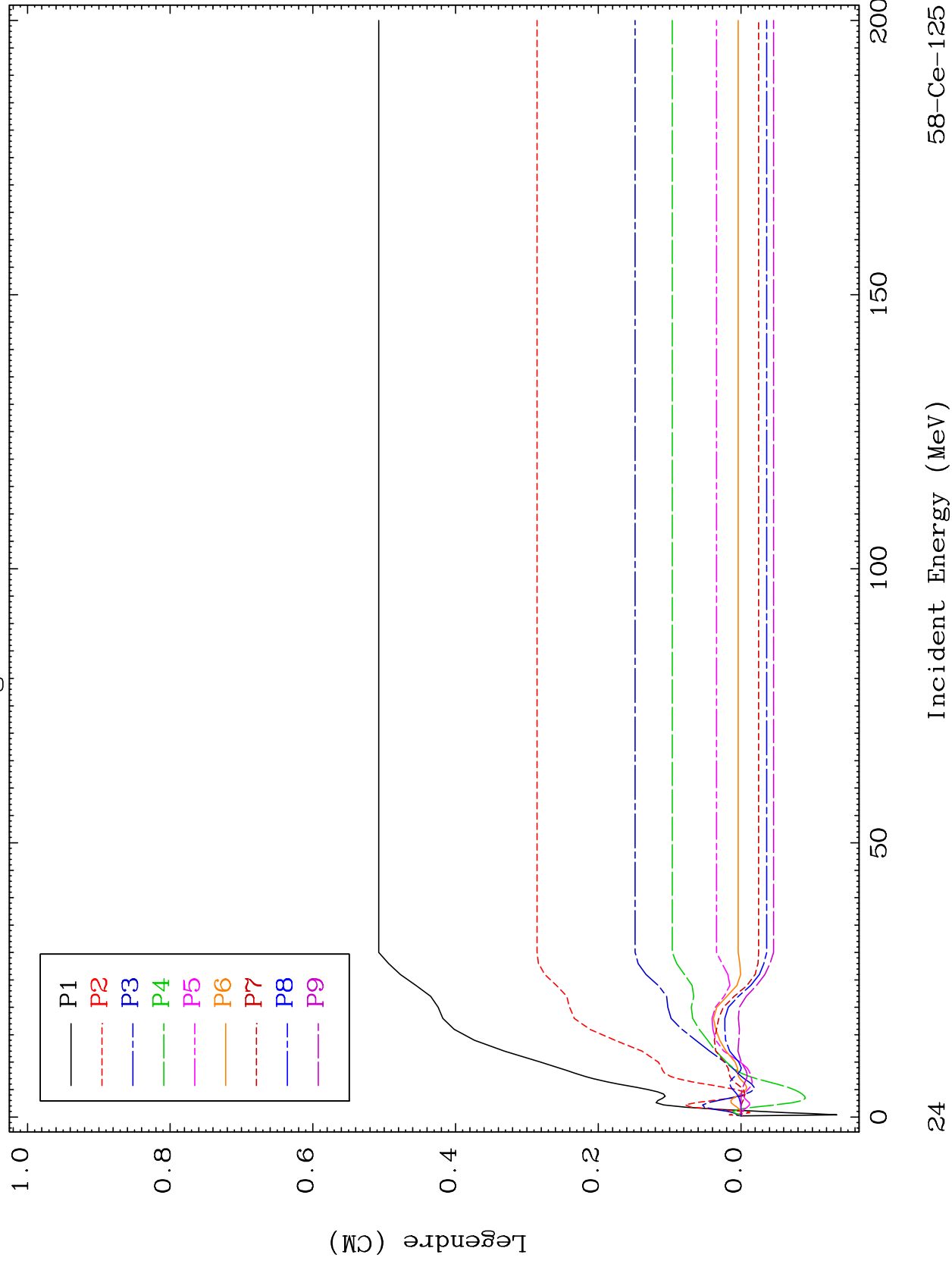


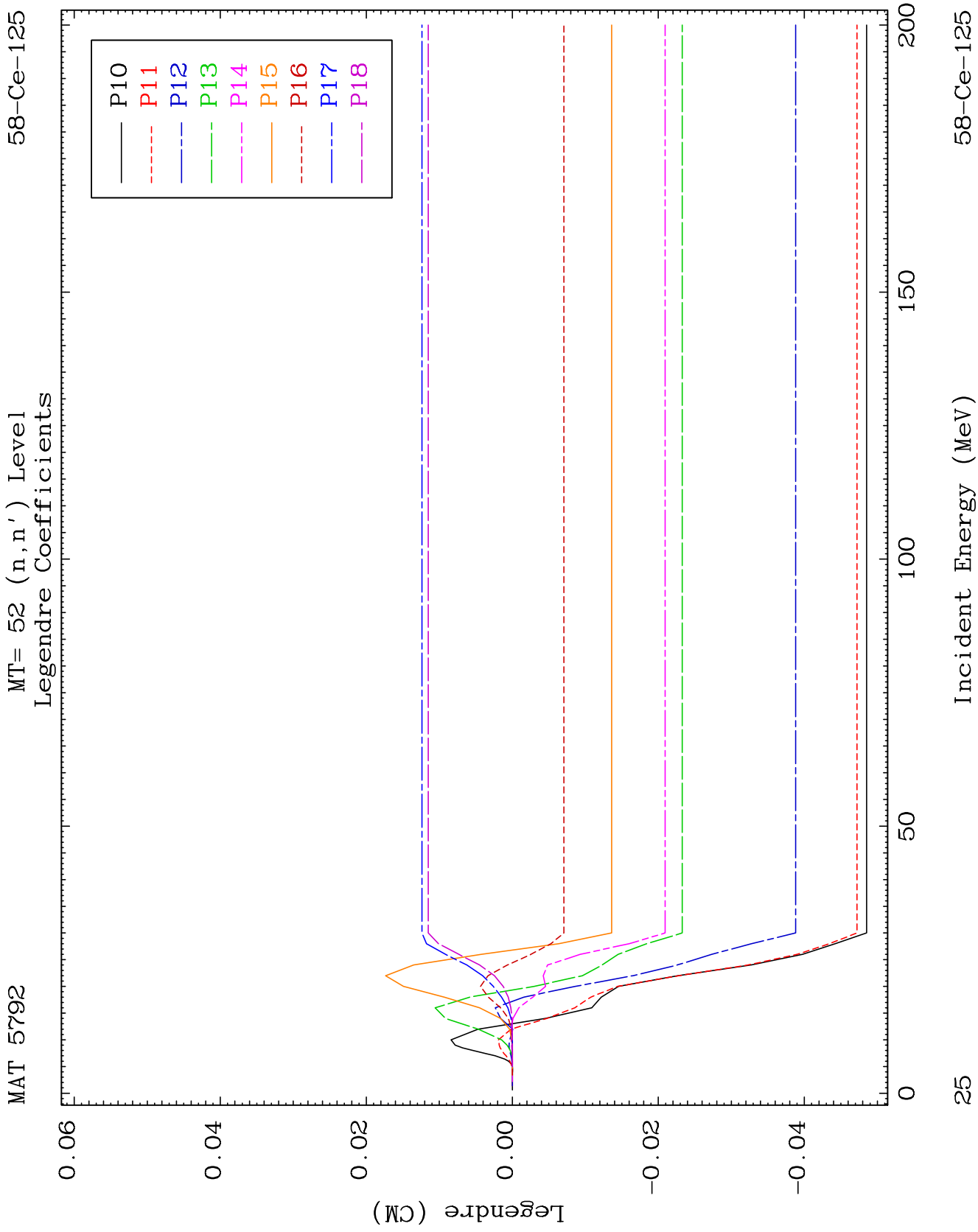


MAT 5792

MT= 52 (n, n') Level
Legendre Coefficients

58-Ce-125

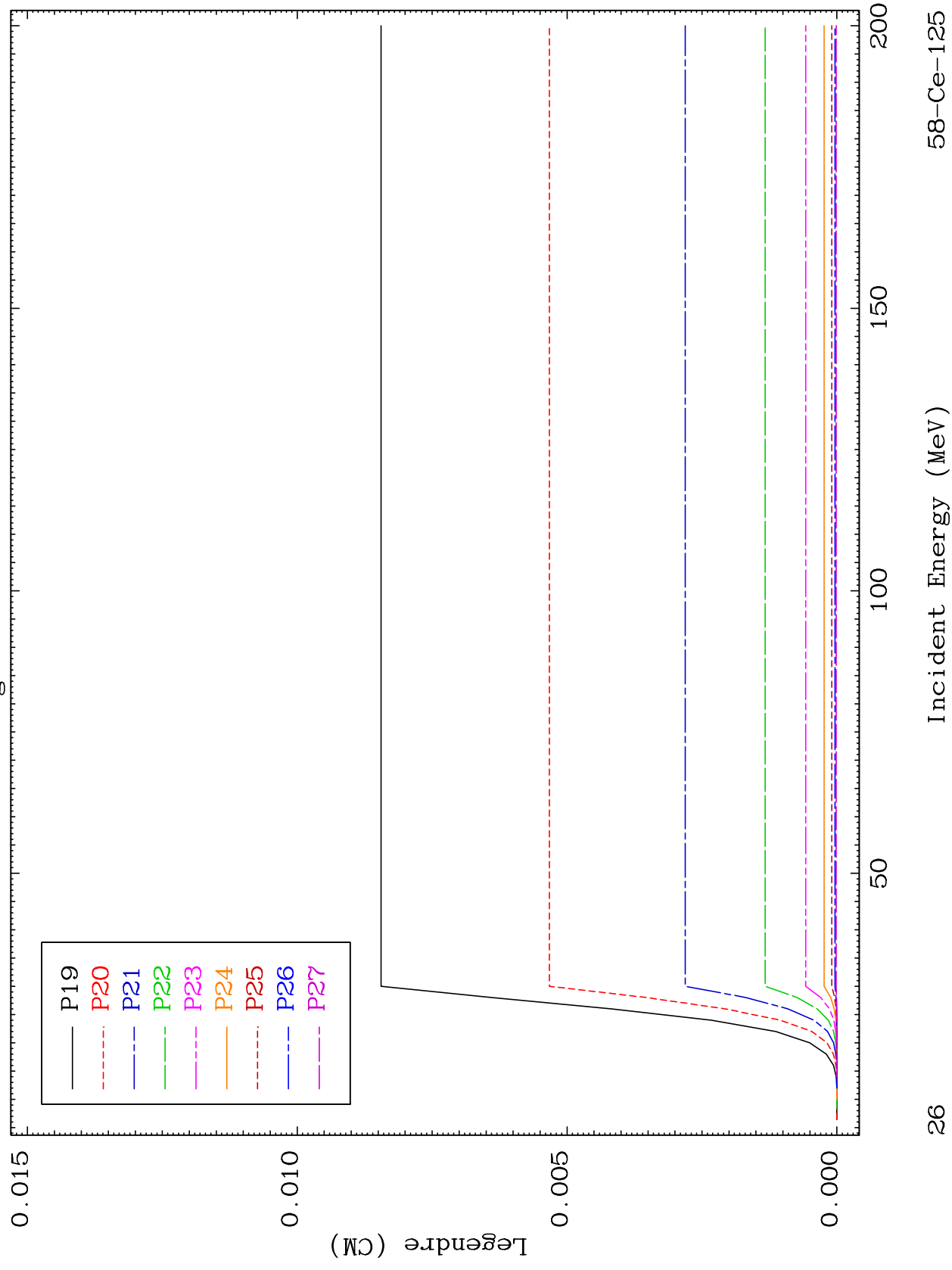


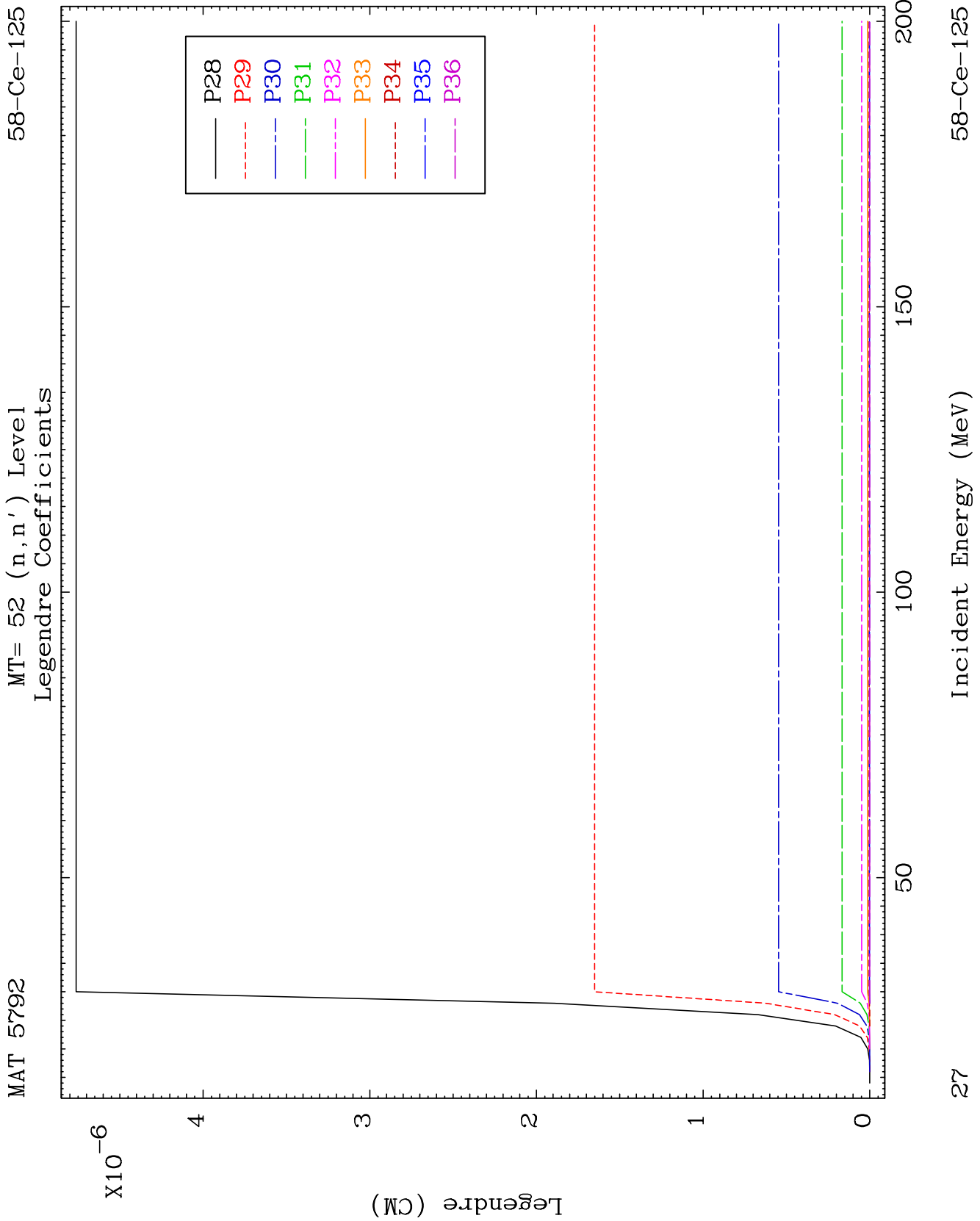


MAT 5792

MT= 52 (n, n') Level
Legendre Coefficients

58-Ce-125

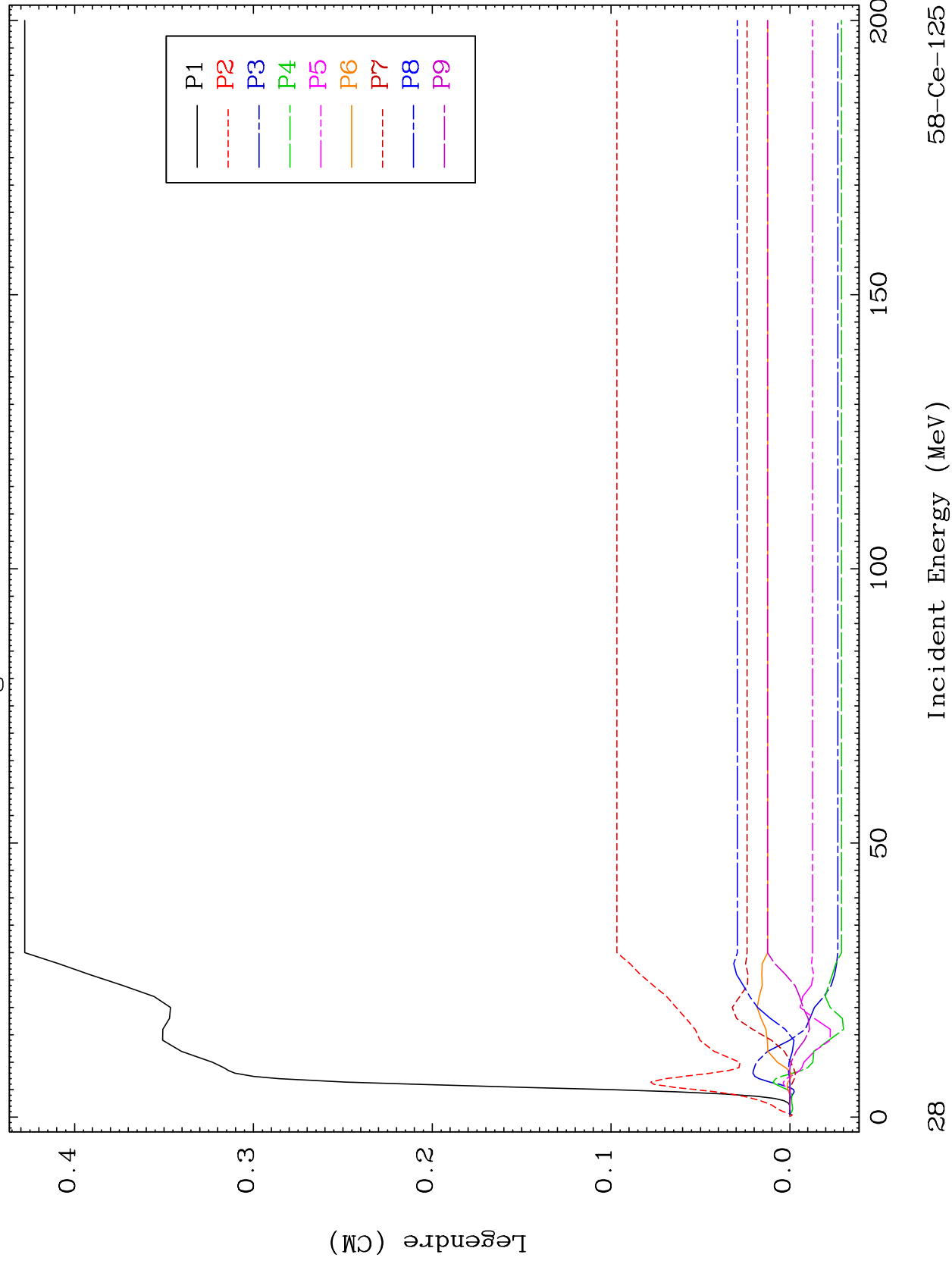


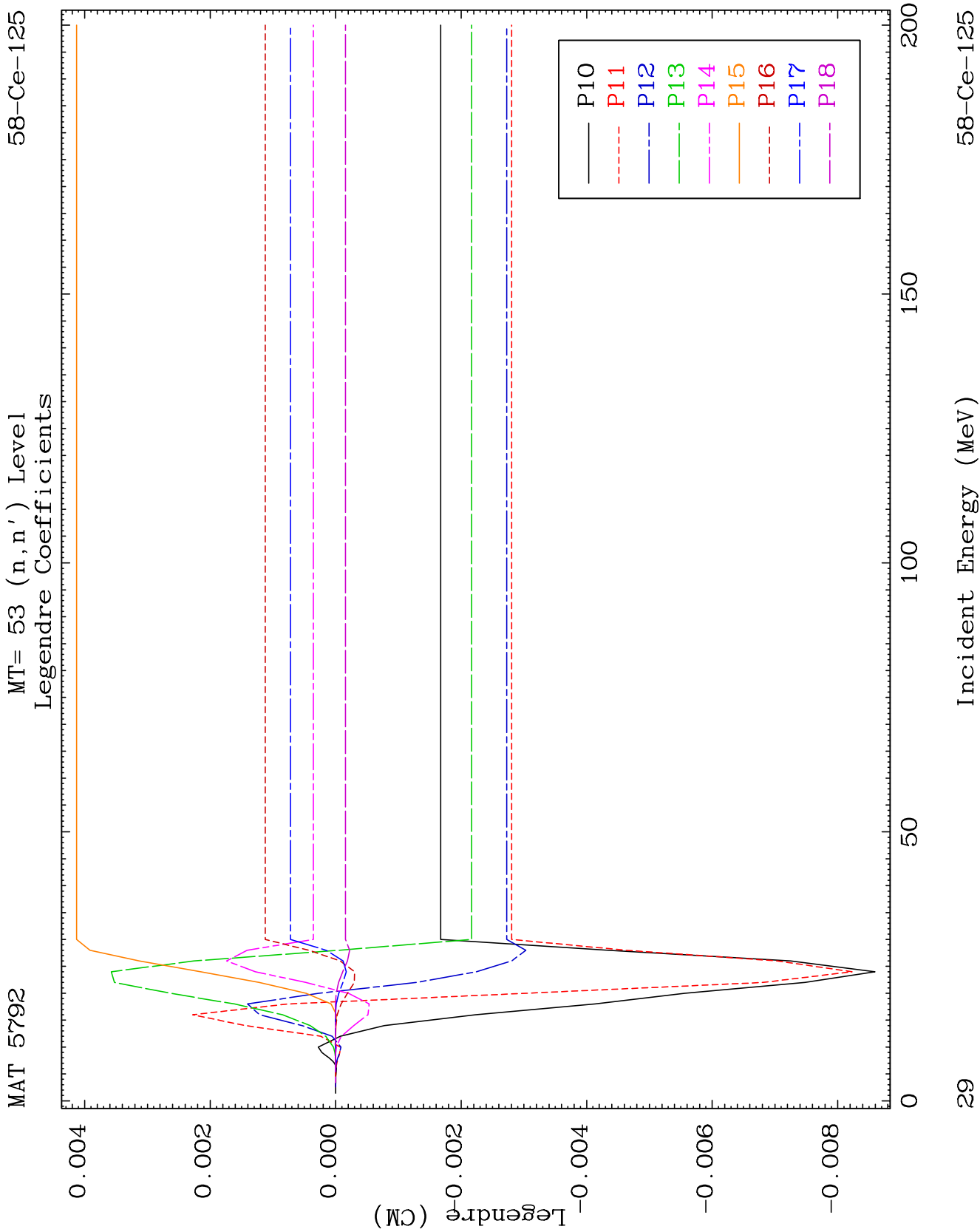


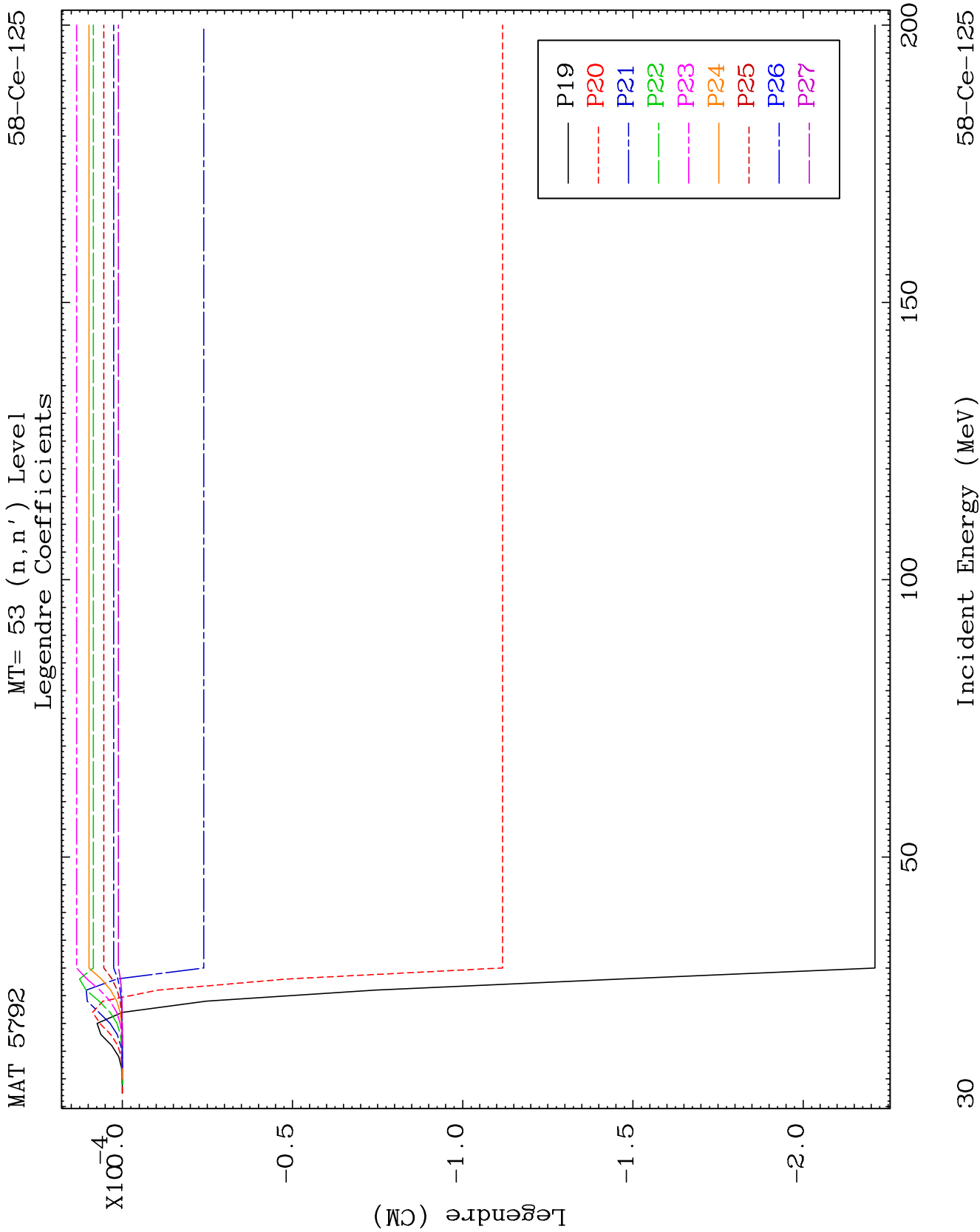
MAT 5792

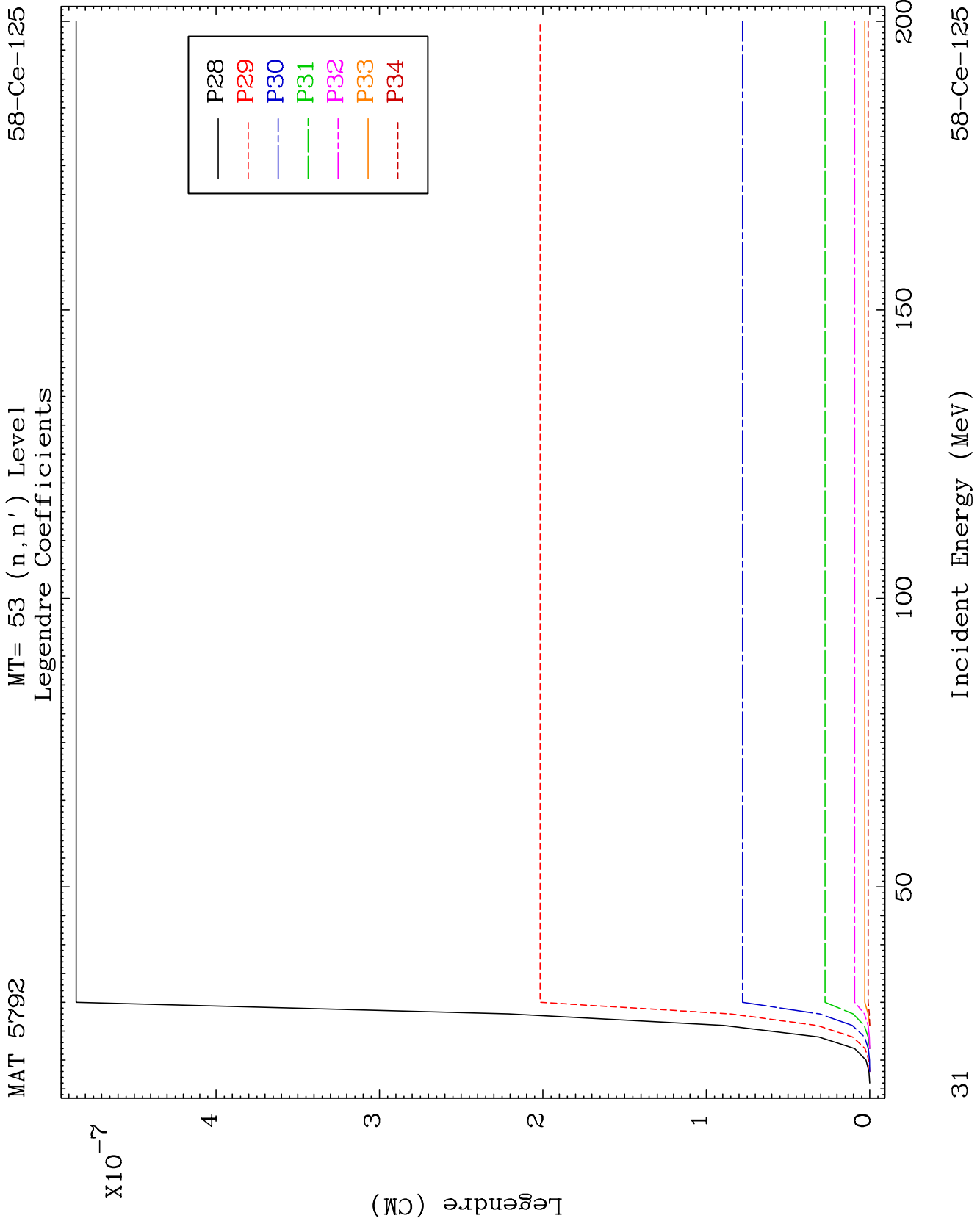
MT= 53 (n, n') Level
Legendre Coefficients

58-Ce-125





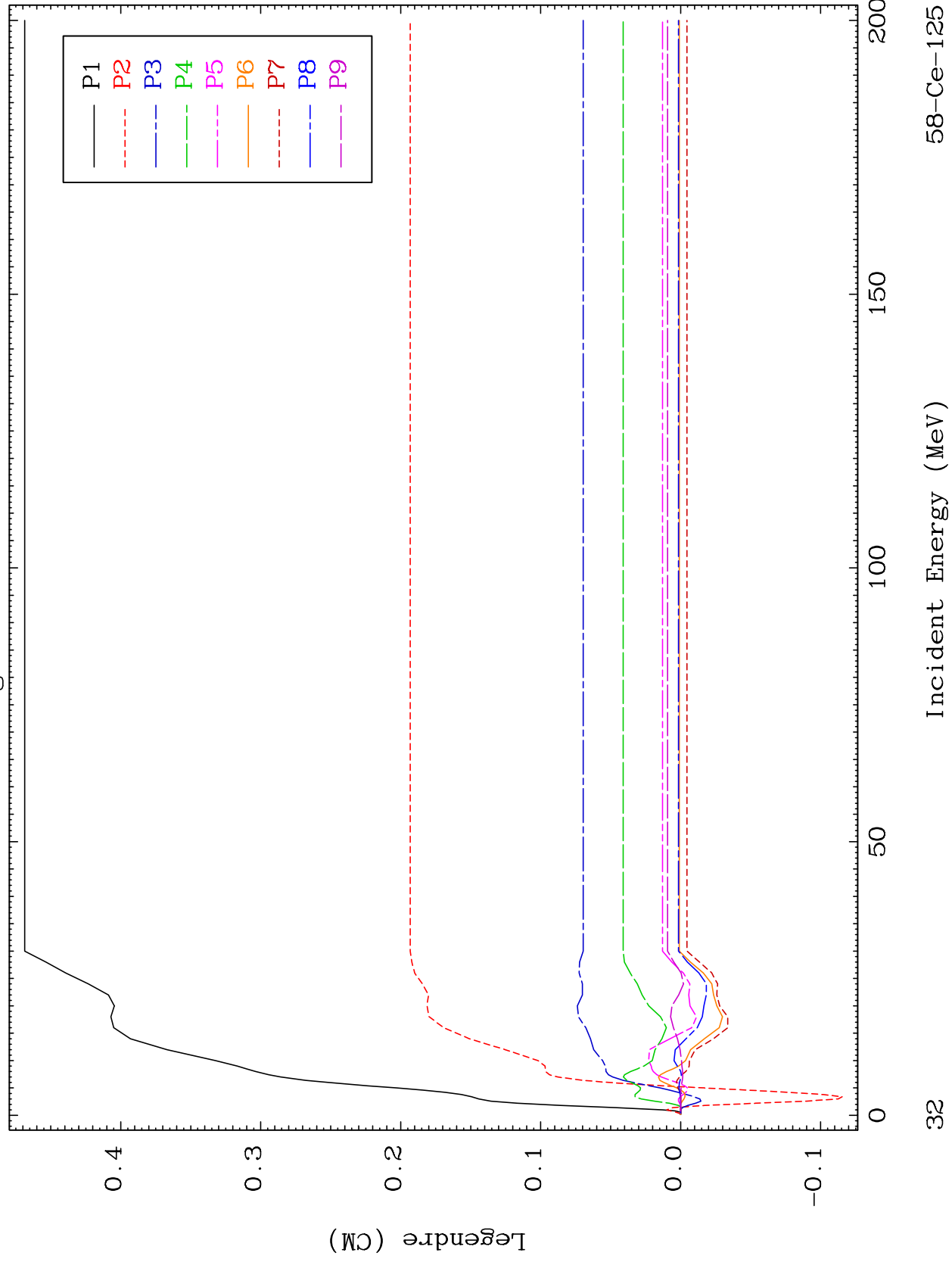


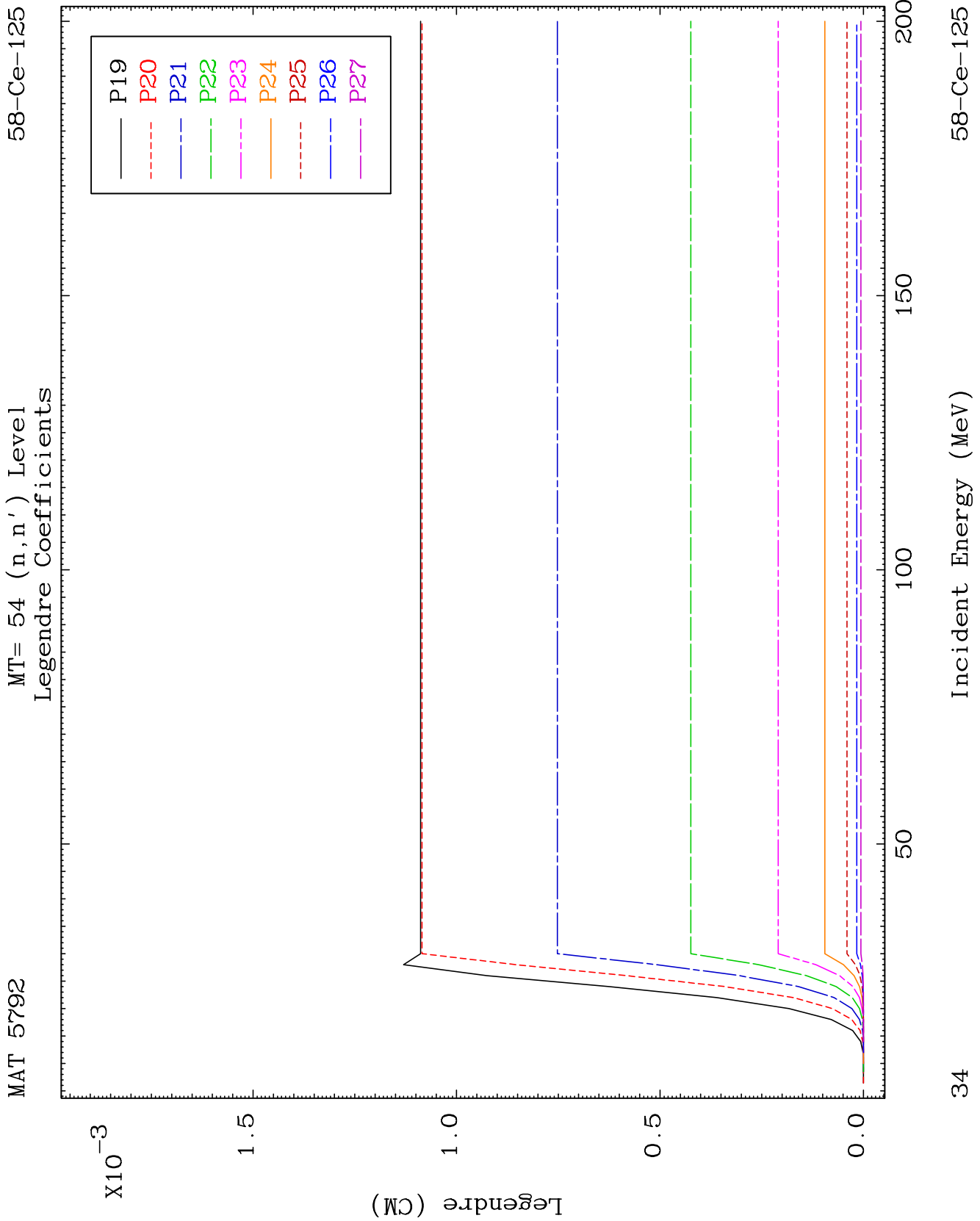


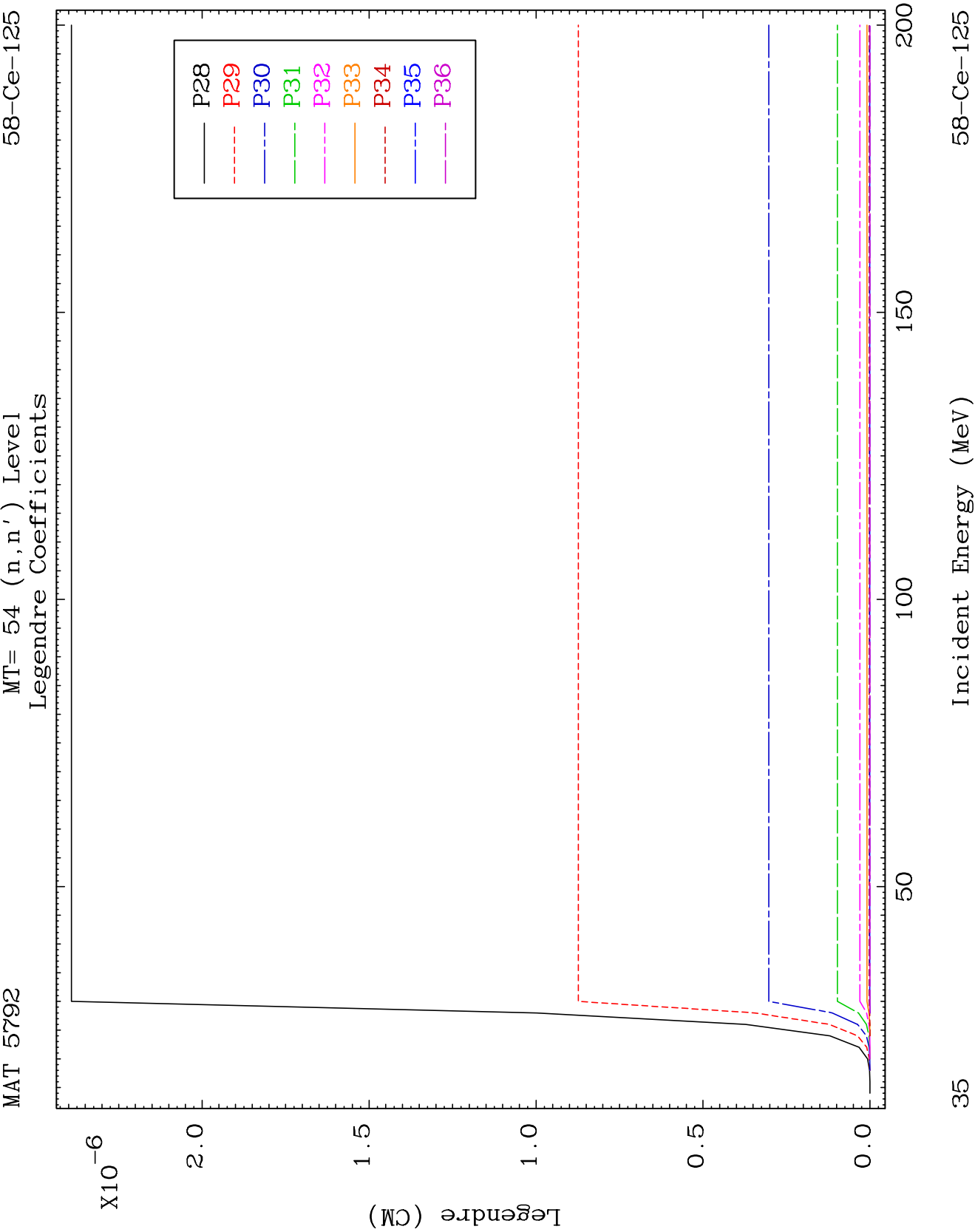
MAT 5792

MT= 54 (n, n') Level
Legendre Coefficients

58-Ce-125



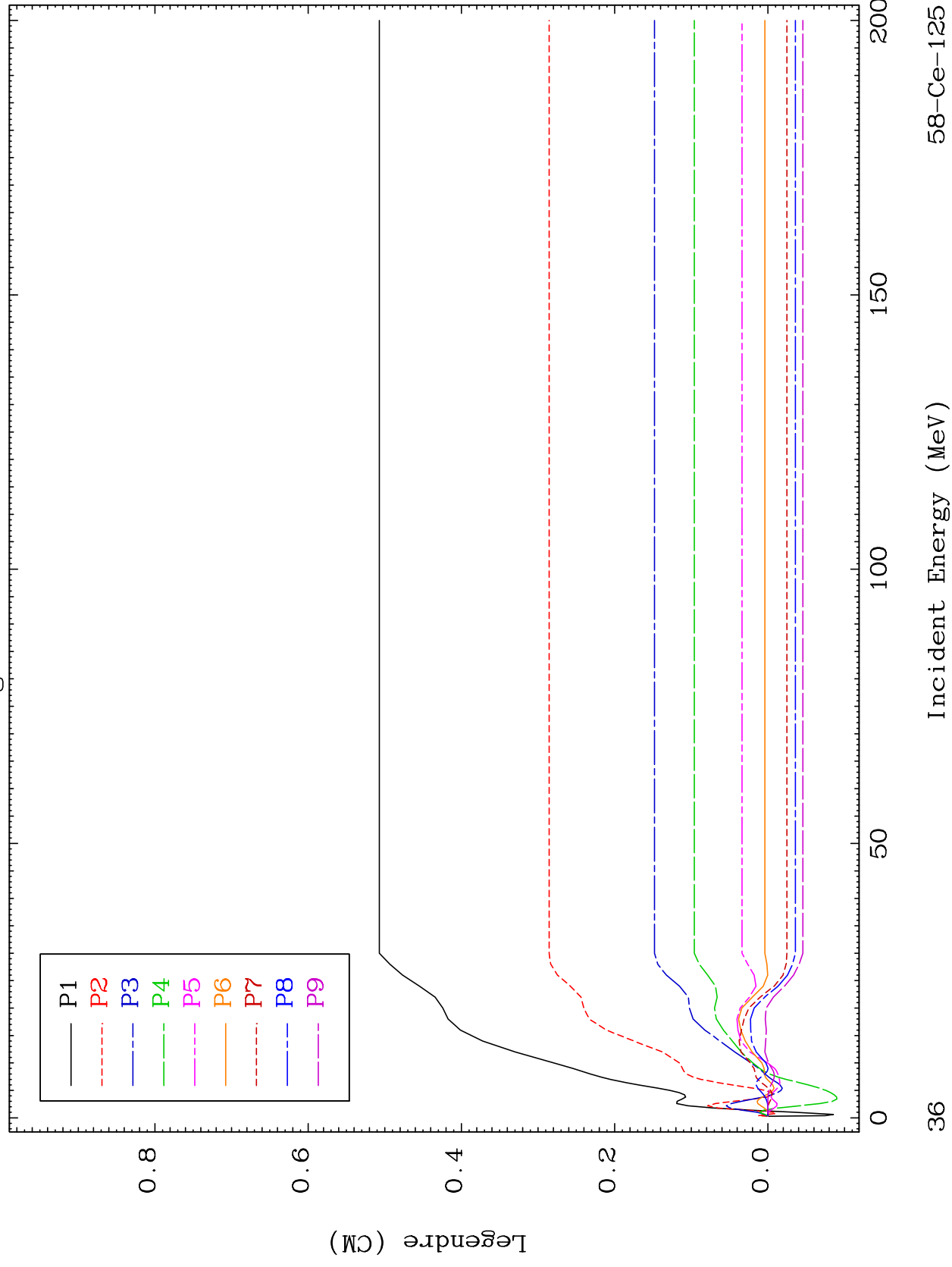




MAT 5792

MT= 55 (n, n') Level
Legendre Coefficients

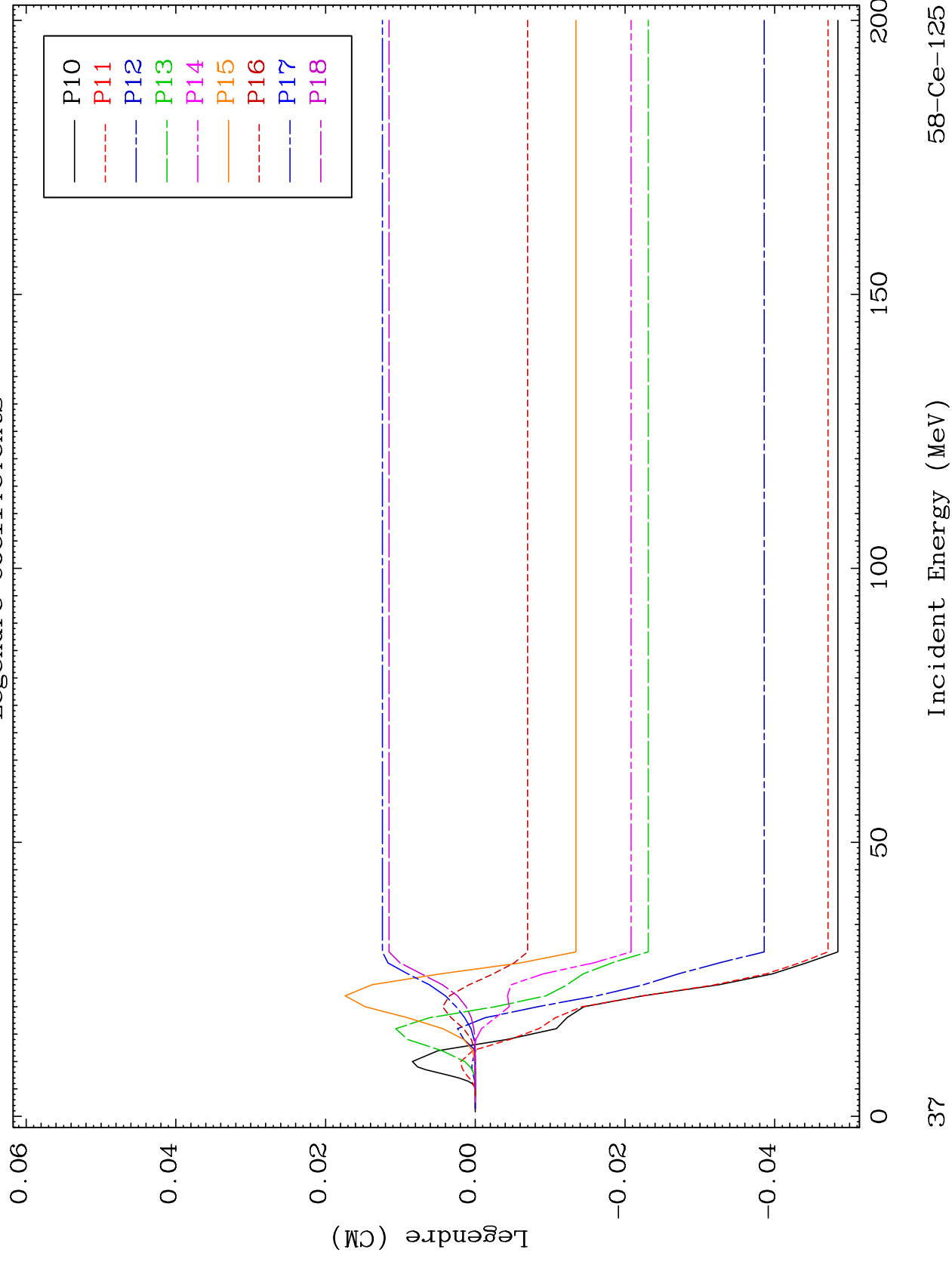
58-Ce-125

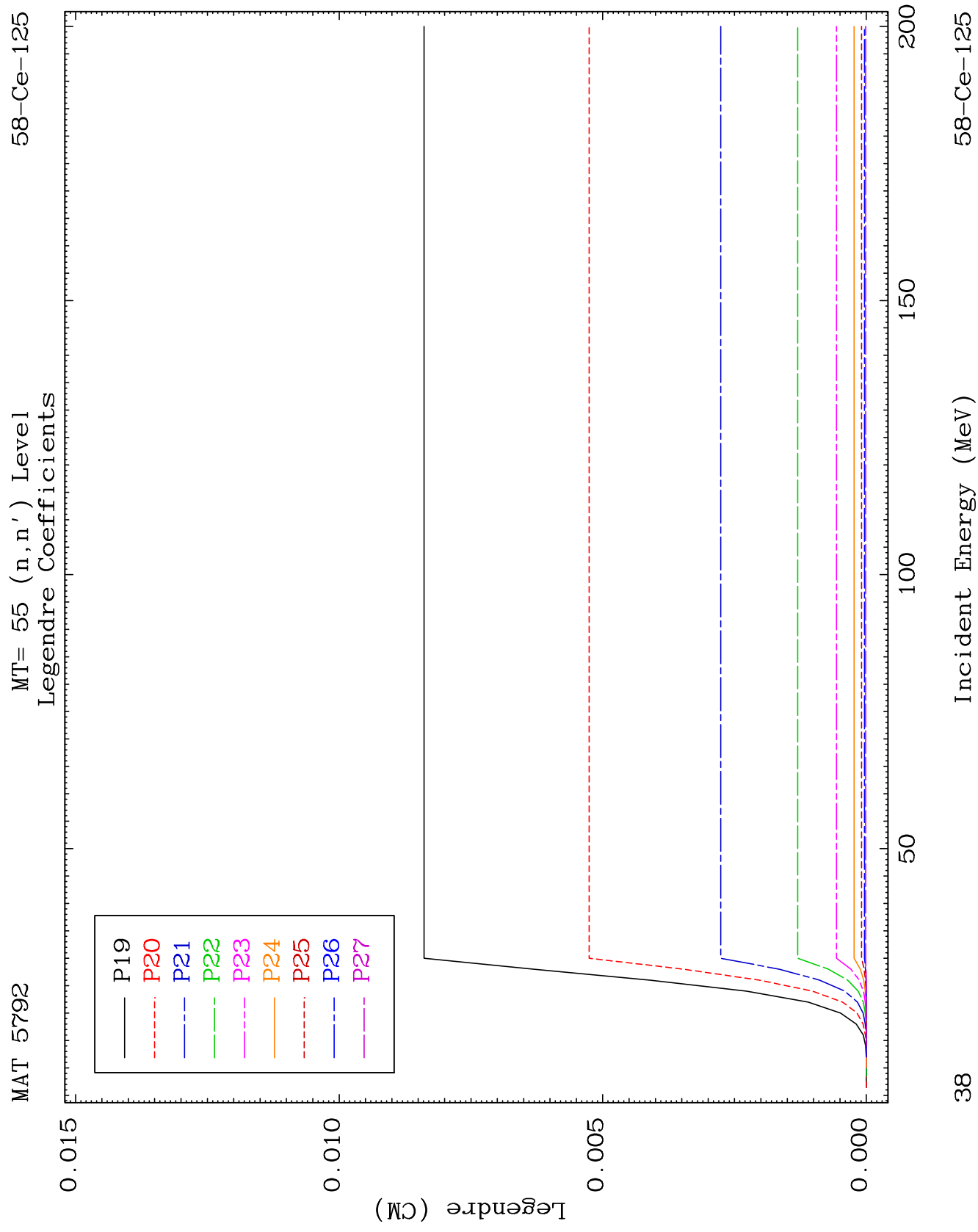


MAT 5792

MT= 55 (n, n') Level
Legendre Coefficients

58-Ce-125

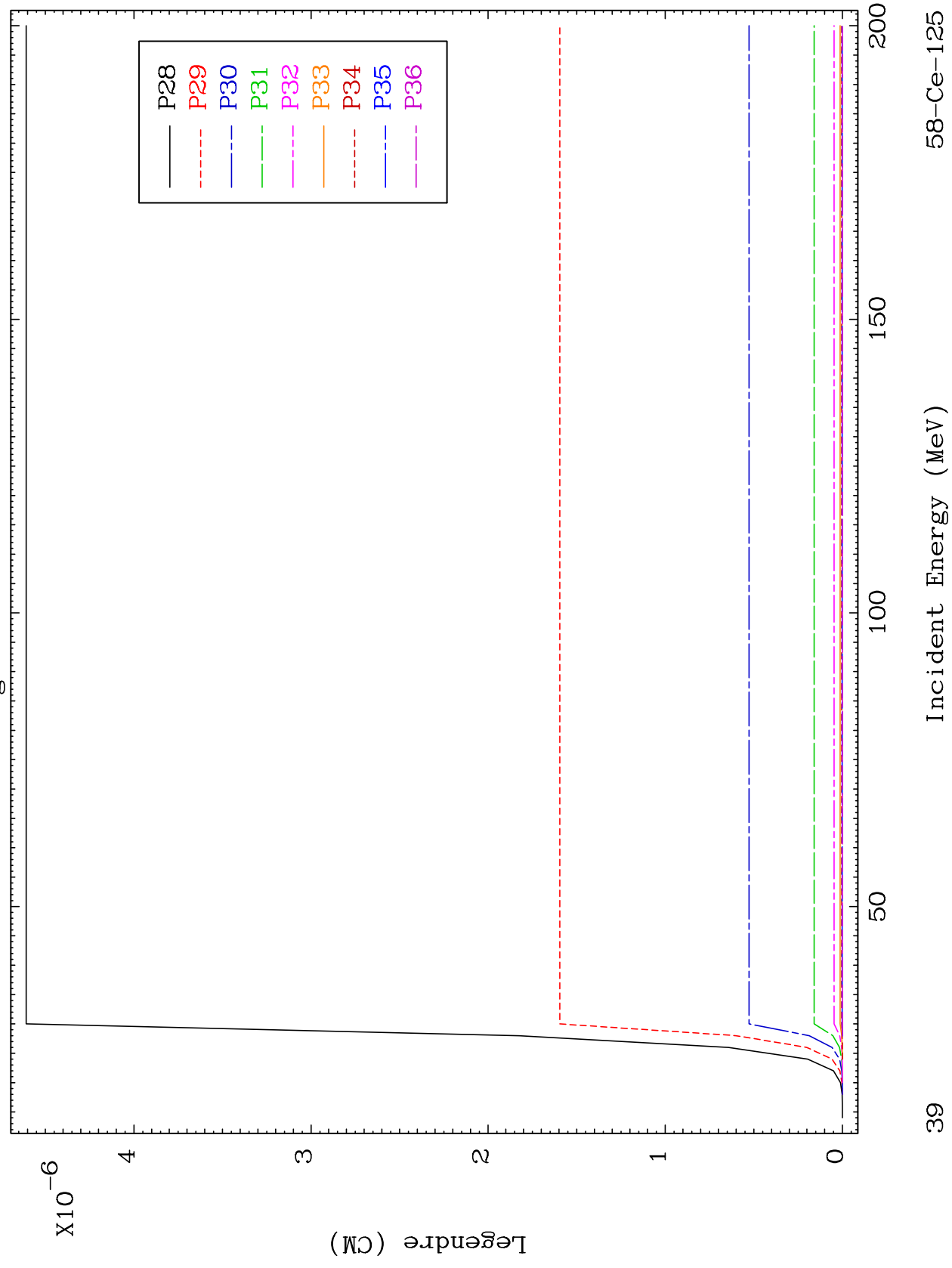


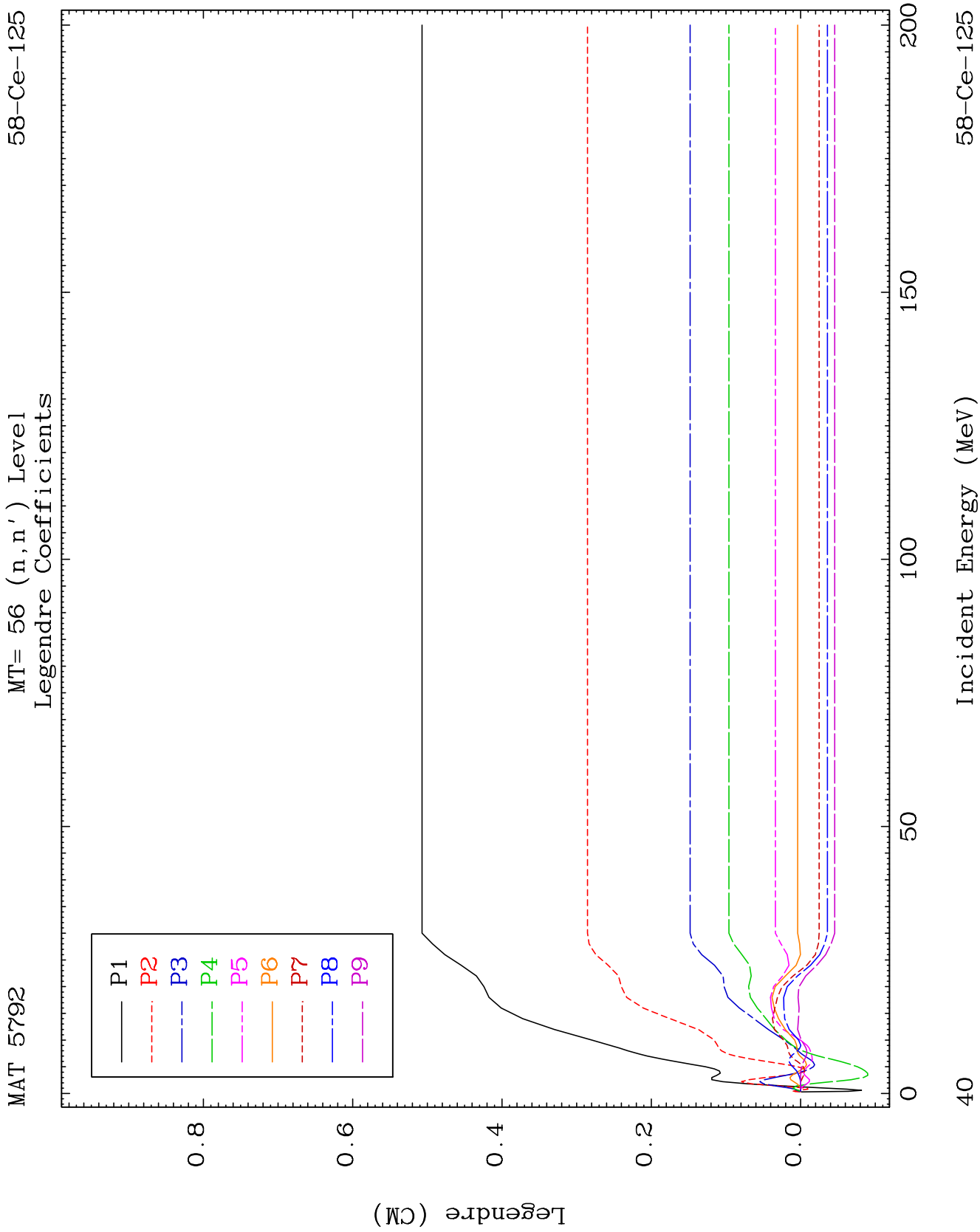


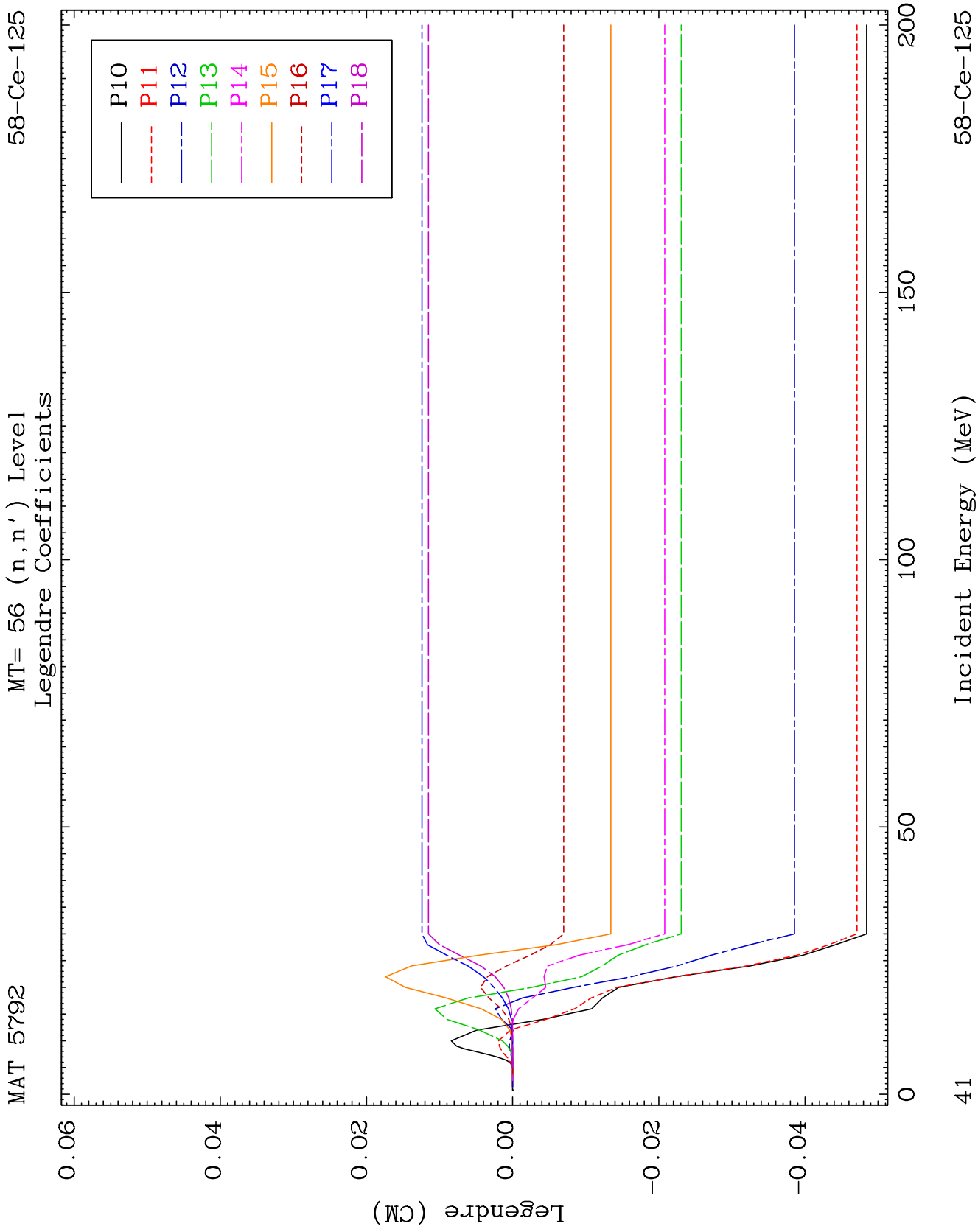
MAT 5792

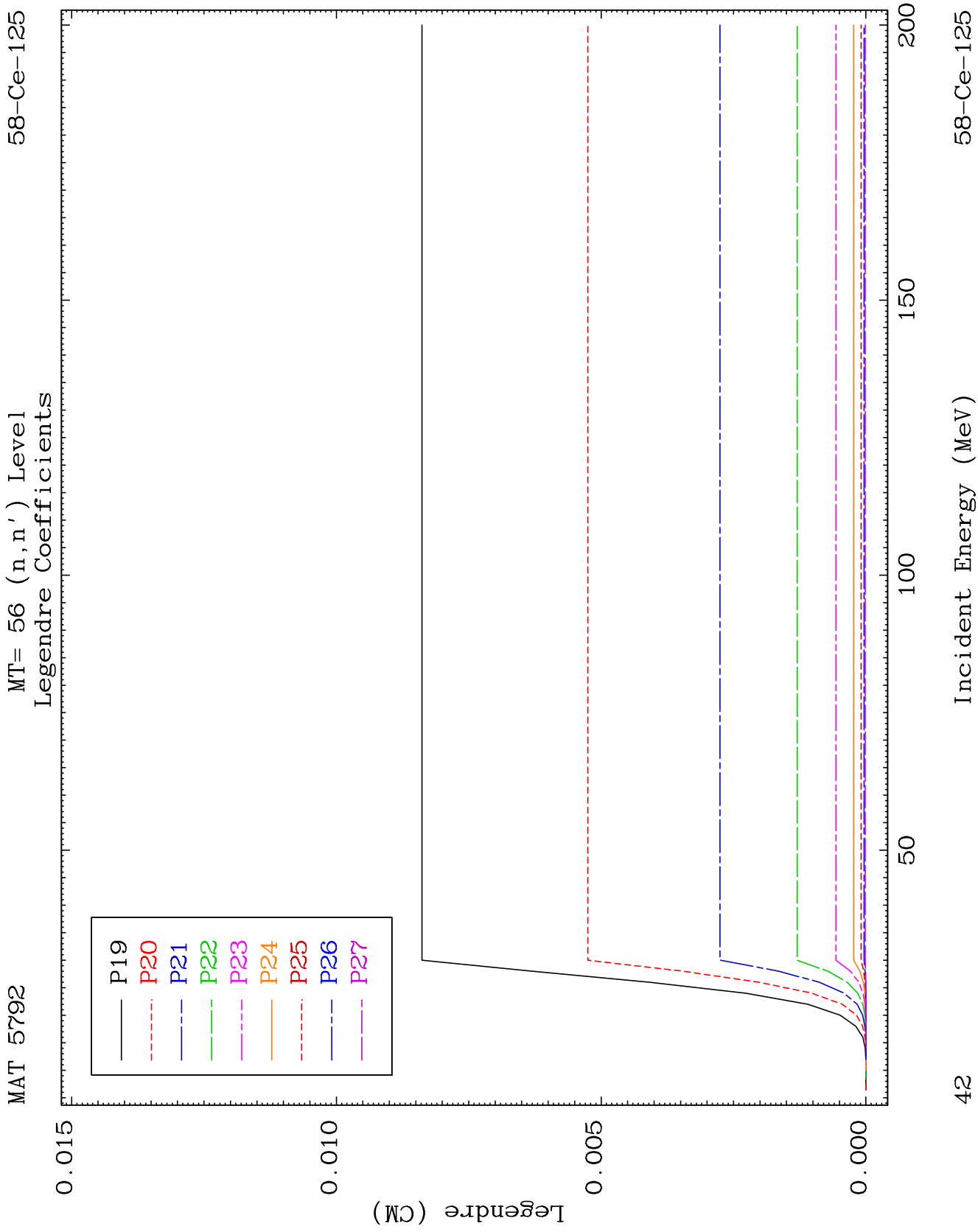
MT= 55 (n, n') Level
Legendre Coefficients

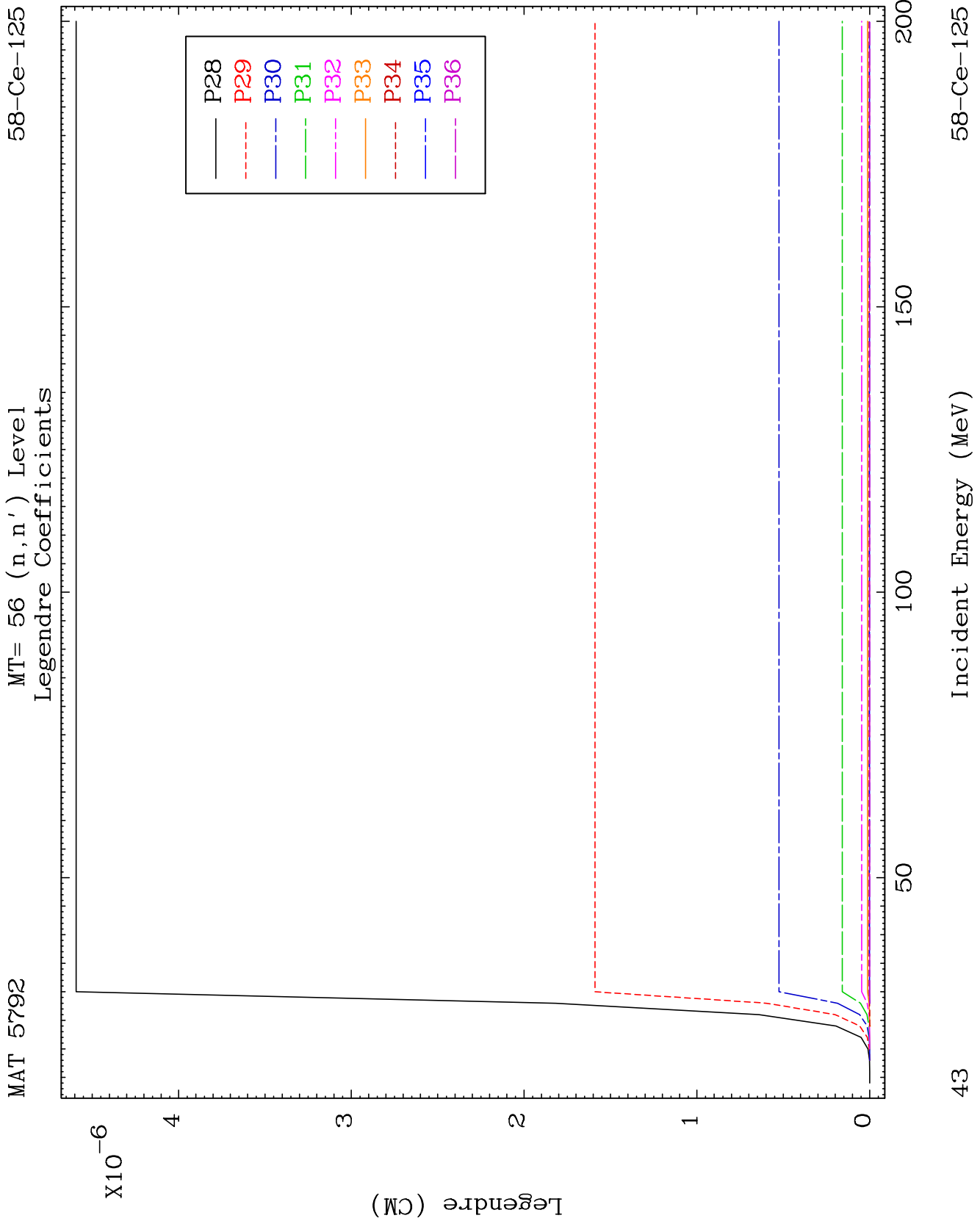
58-Ce-125

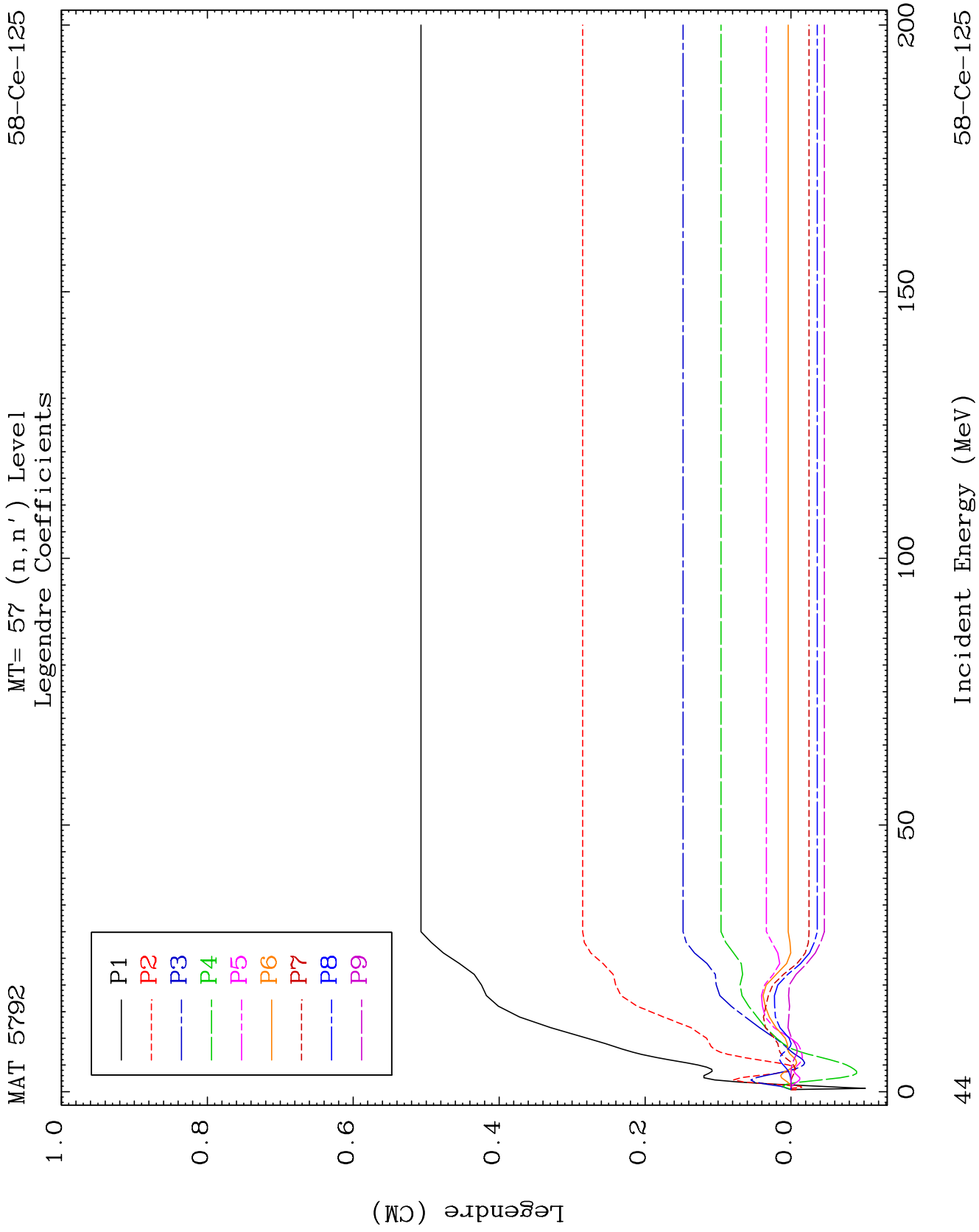


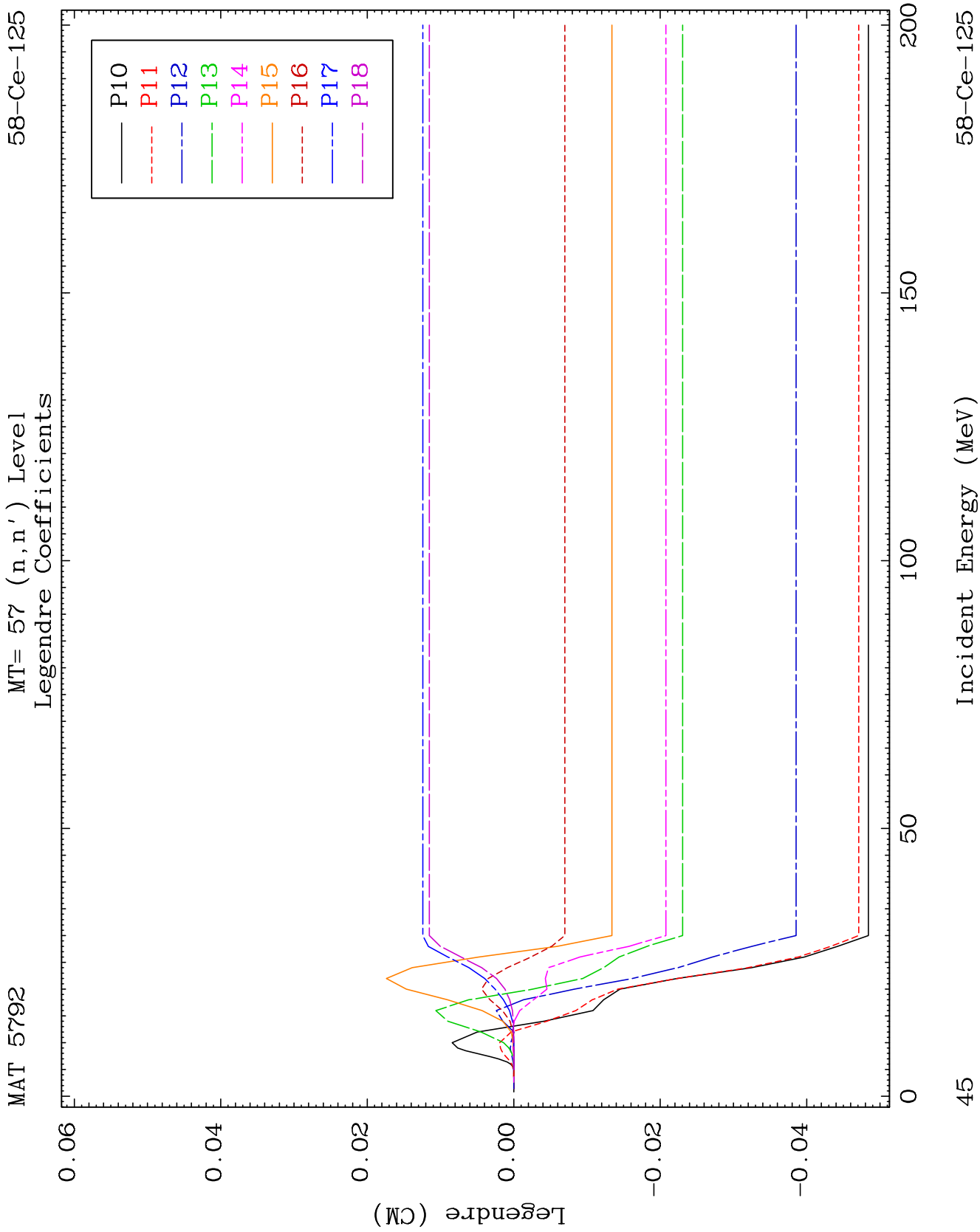


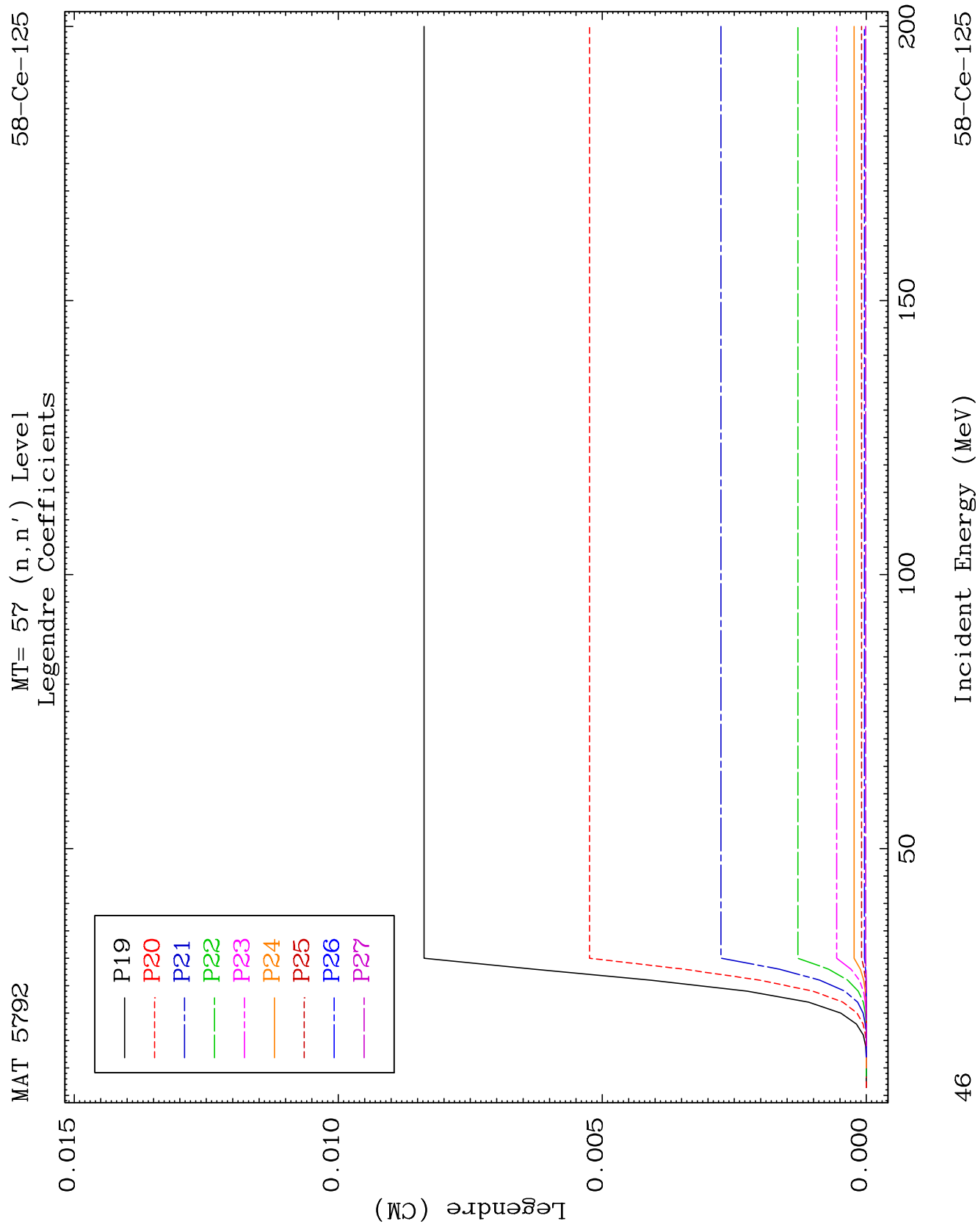


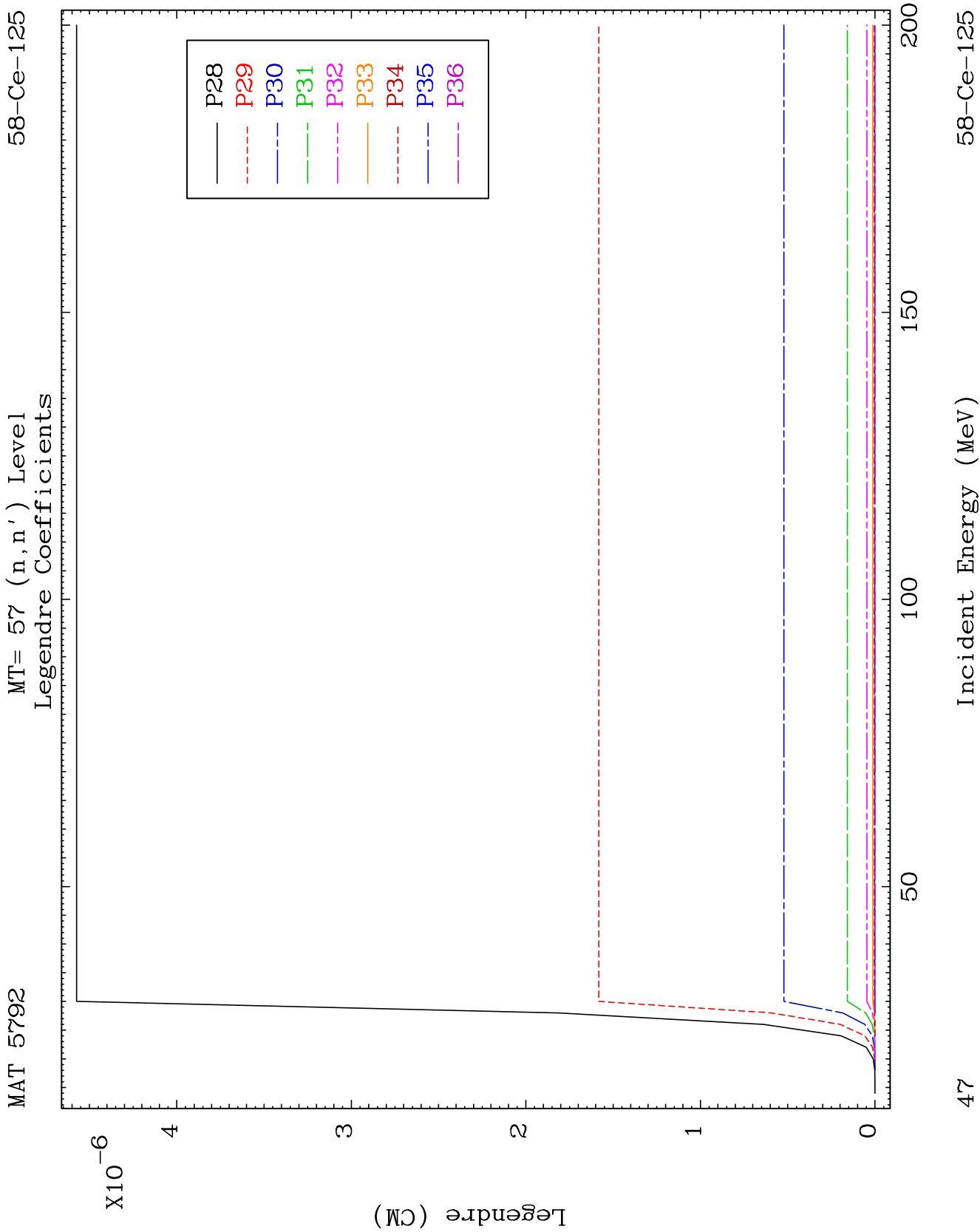








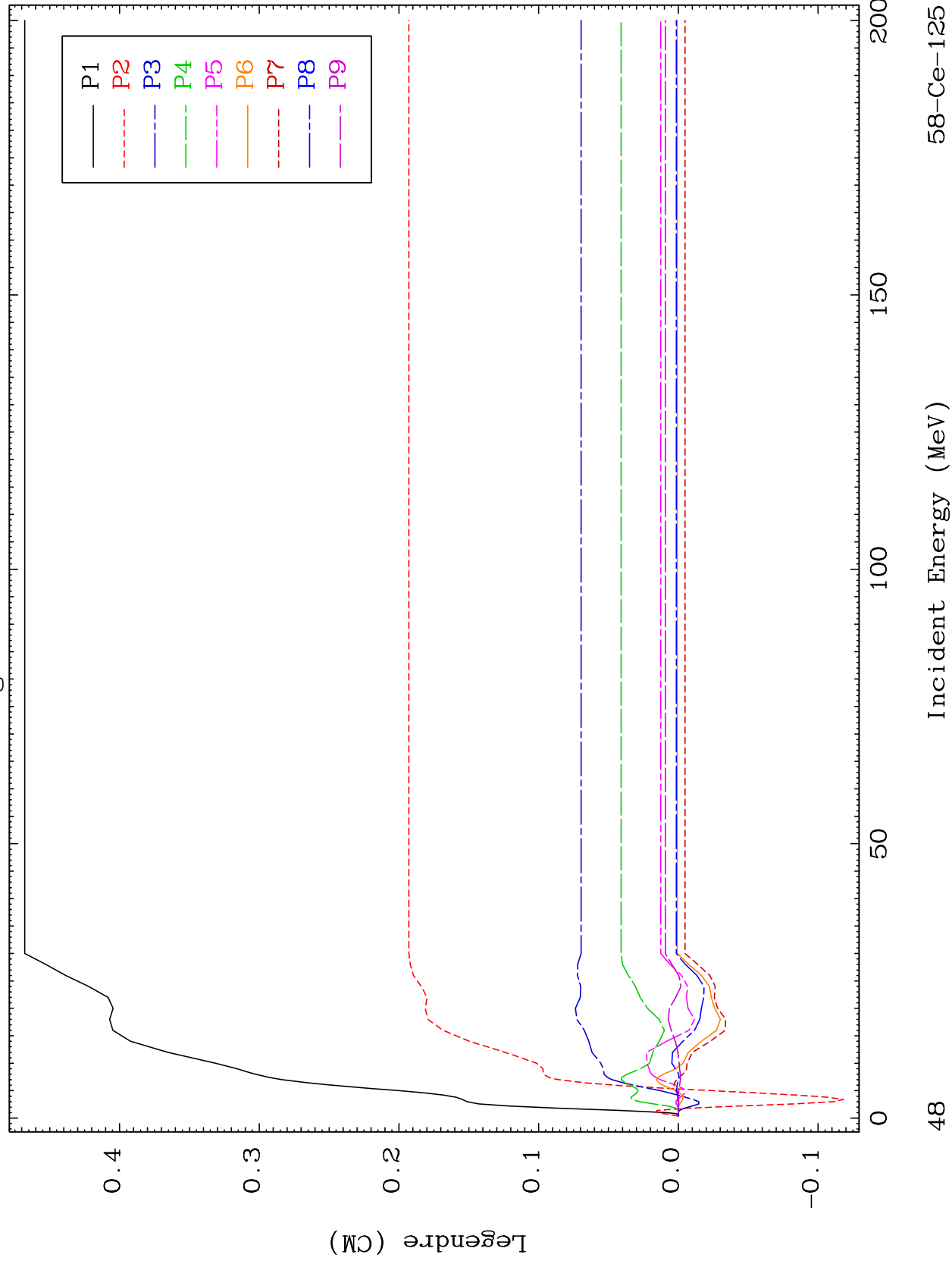


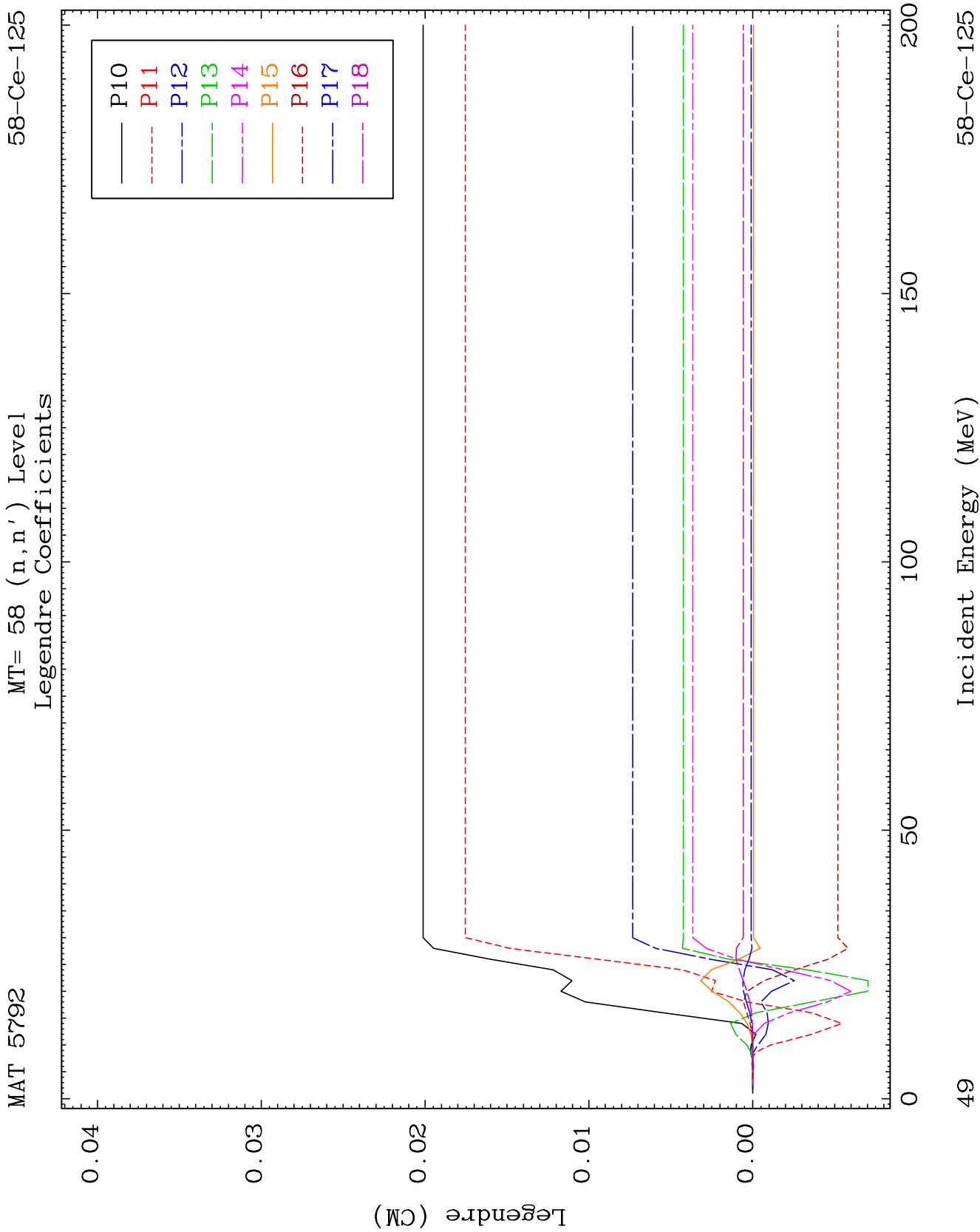


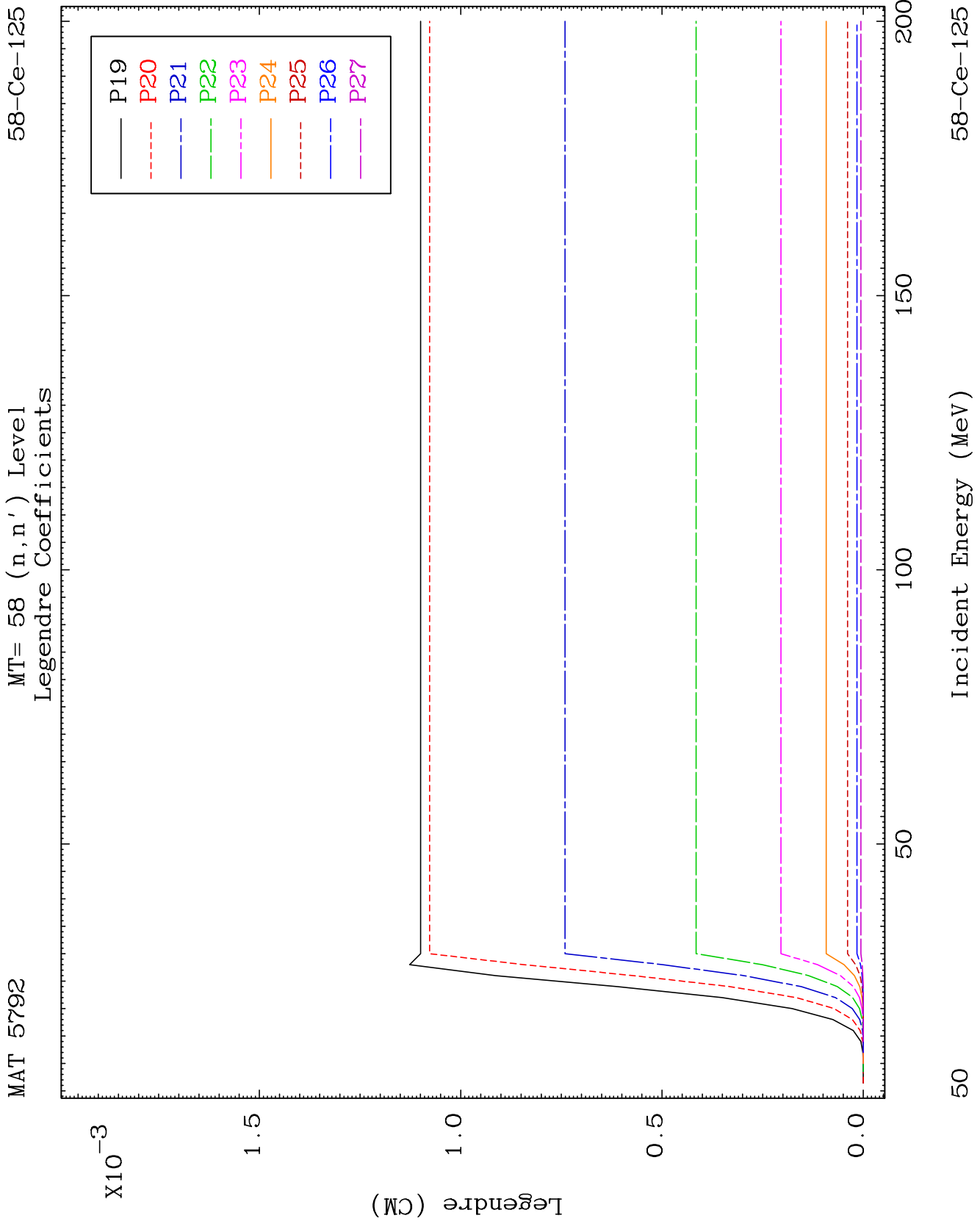
MAT 5792

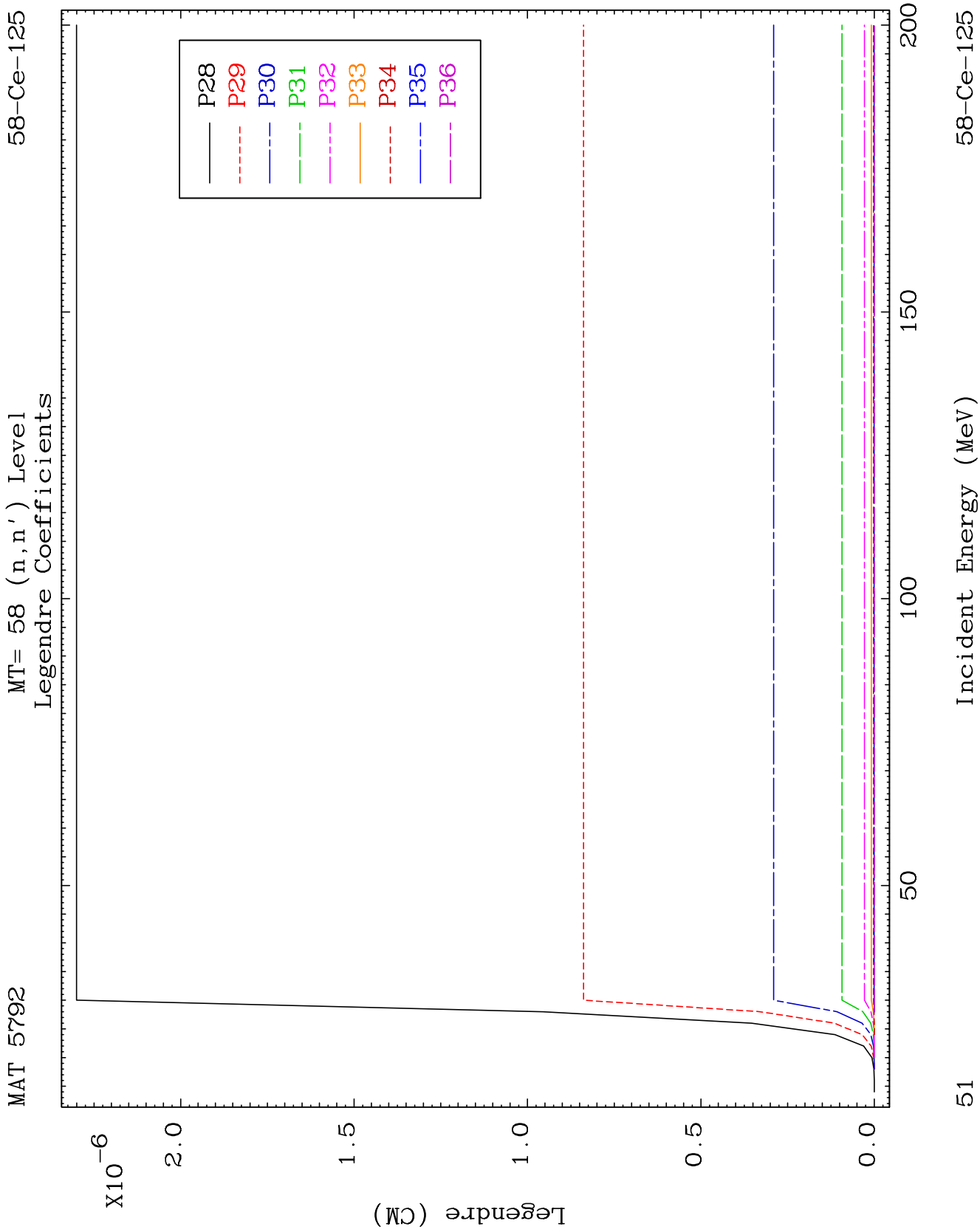
MT= 58 (n, n') Level
Legendre Coefficients

58-Ce-125





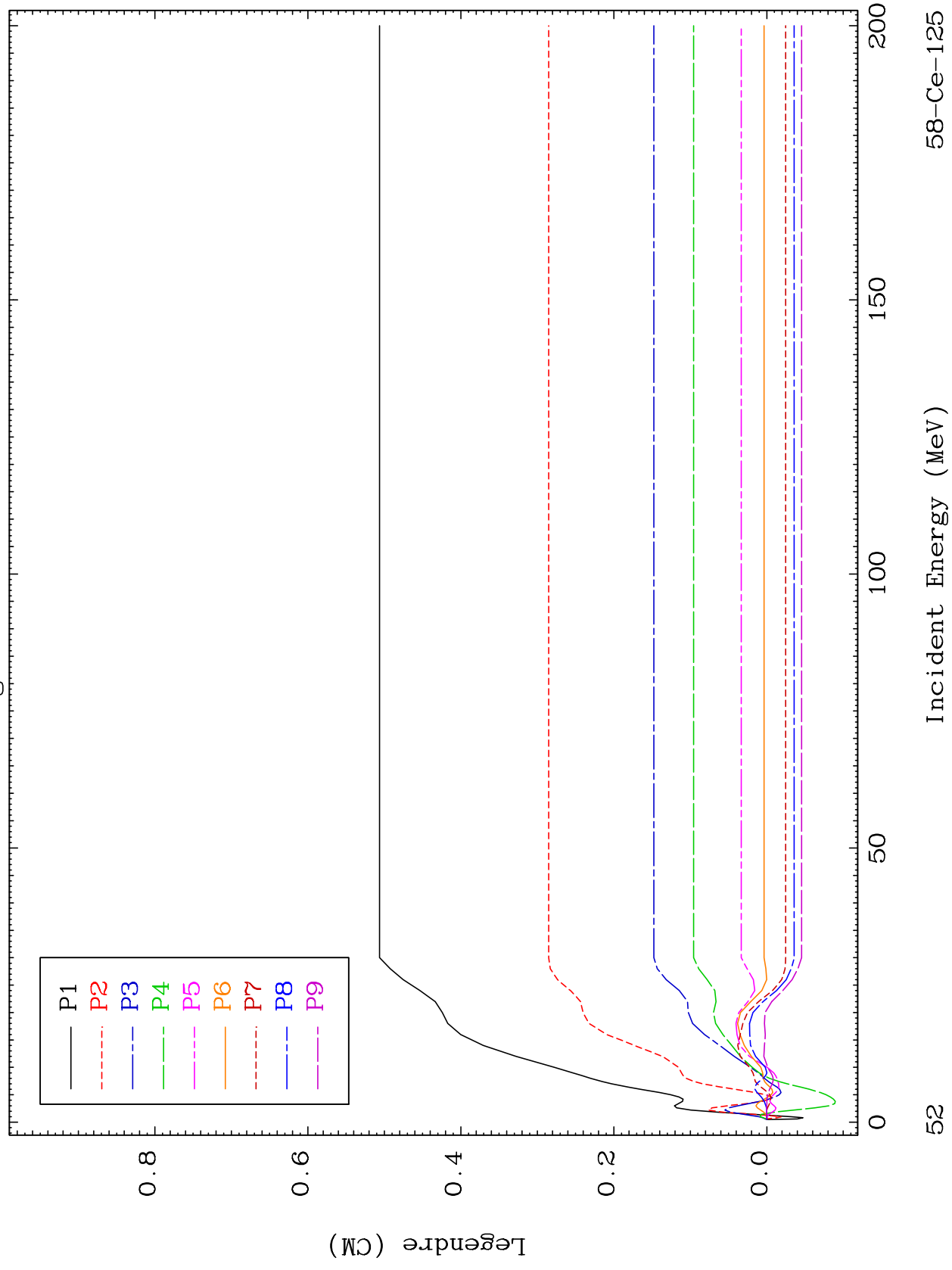




MAT 5792

MT= 59 (n, n') Level
Legendre Coefficients

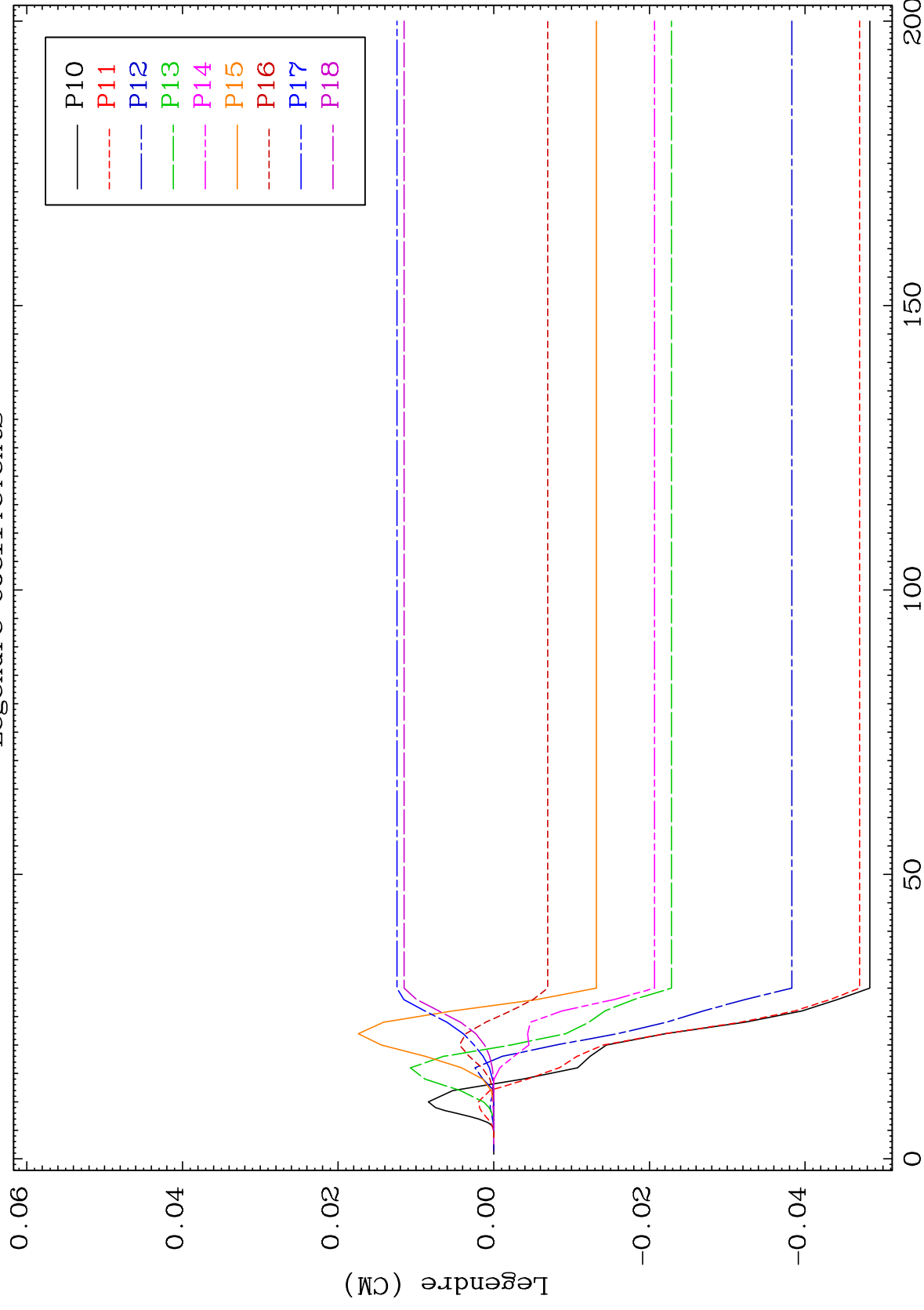
58-Ce-125



MAT 5792

MT= 59 (n, n') Level
Legendre Coefficients

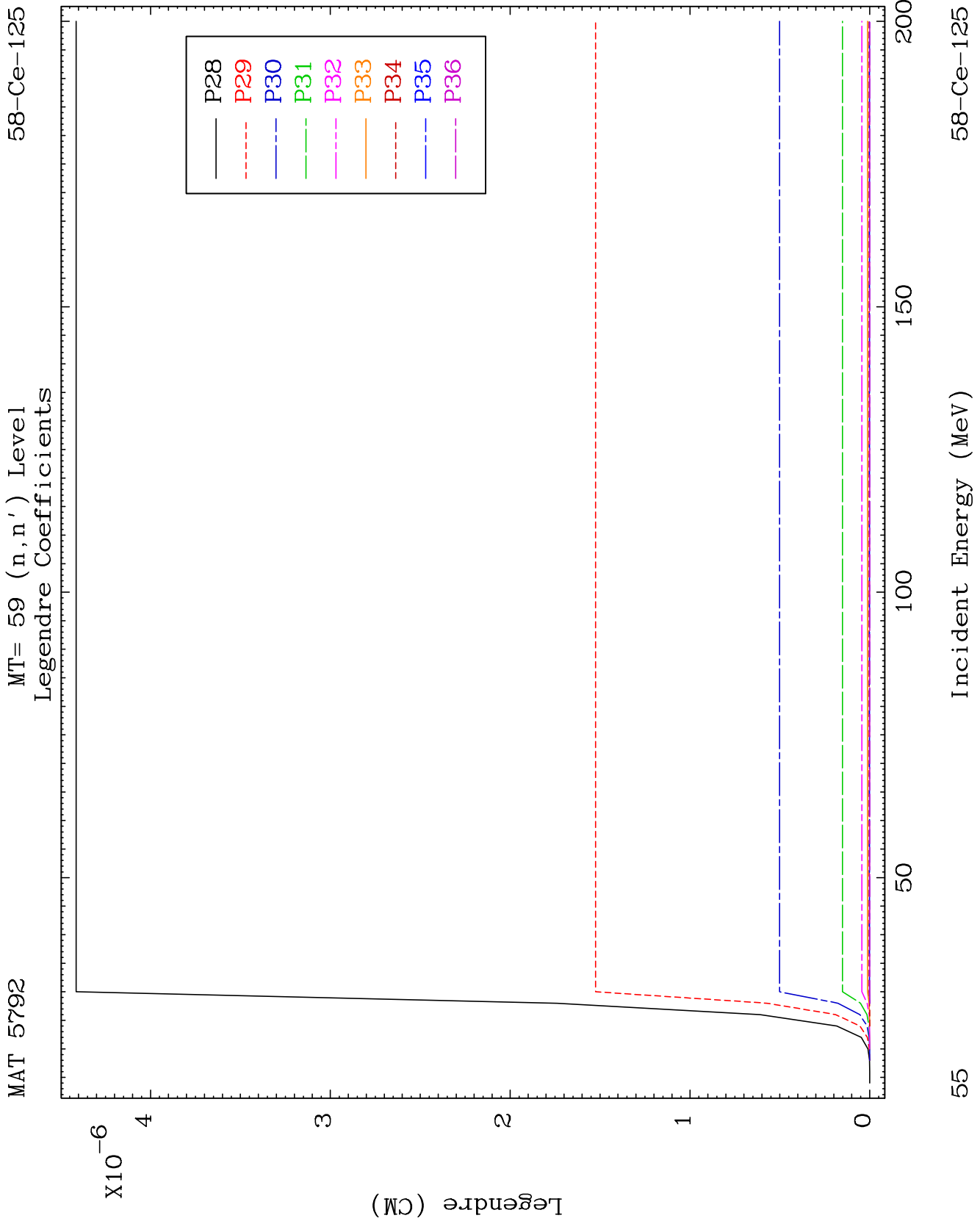
58-Ce-125



53

Incident Energy (MeV)

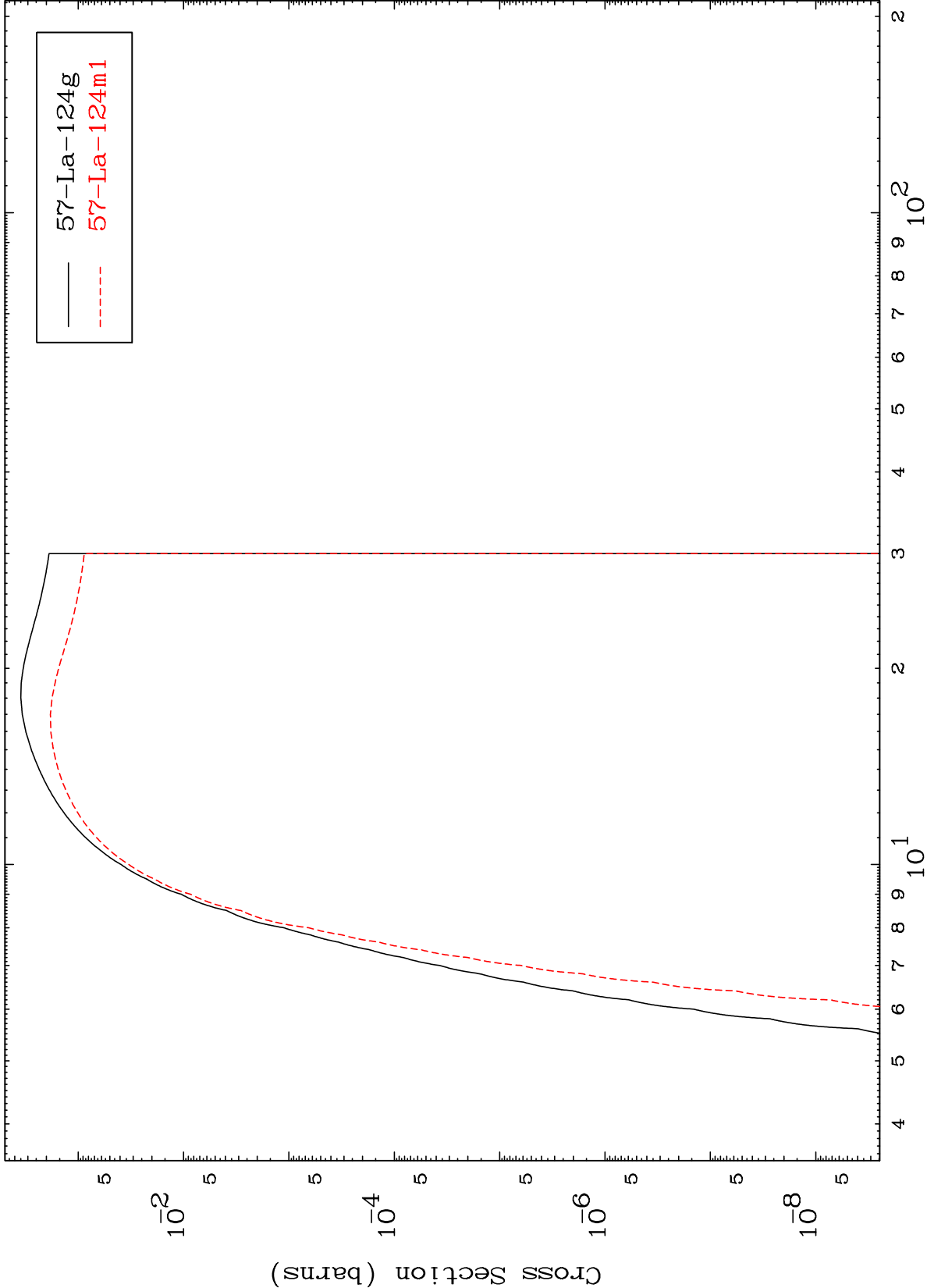
58-Ce-125



MAT 5792

58-Ce-125

(n,n') p
Radionuclide Production Cross Section

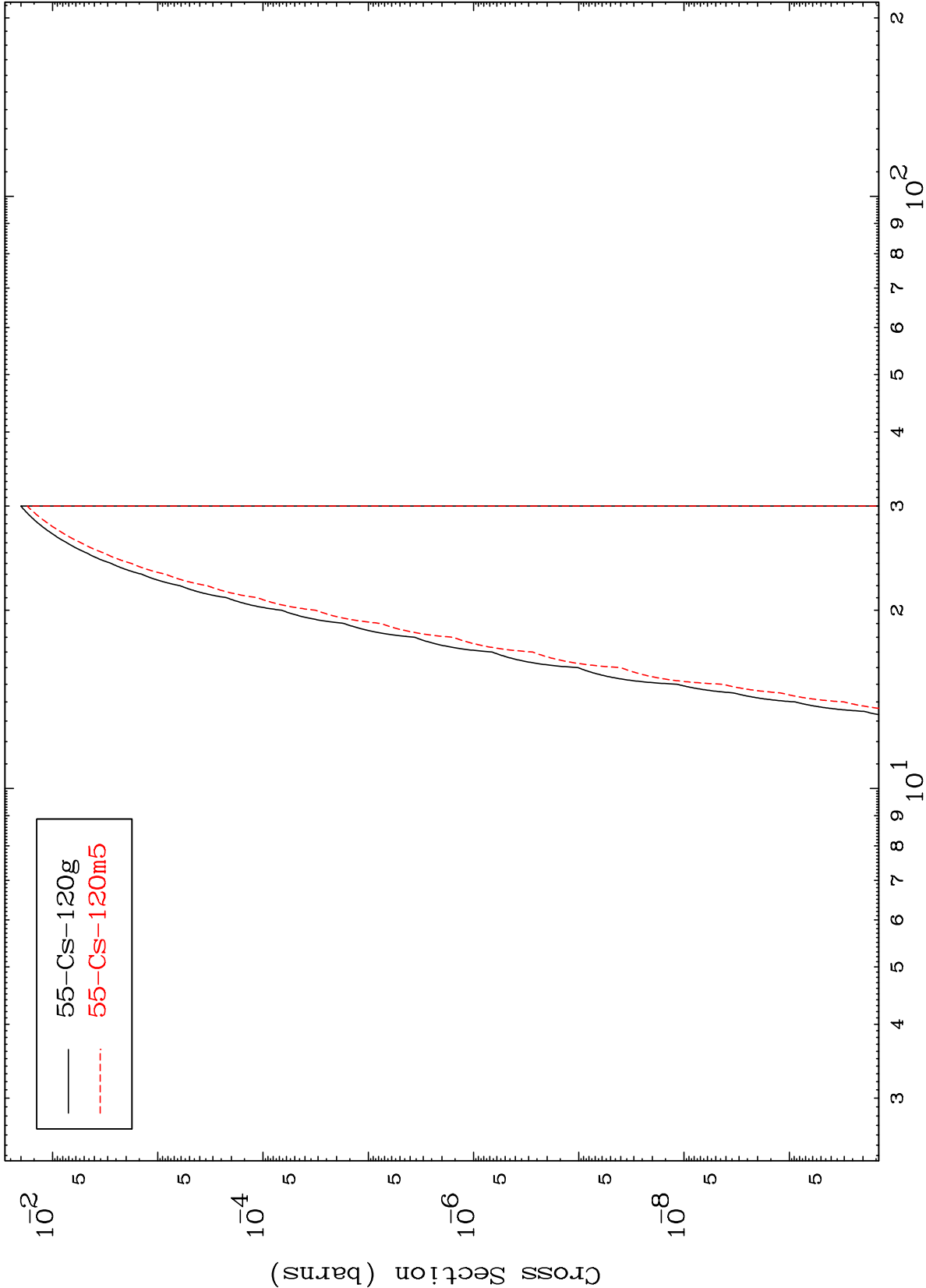


Incident Energy (MeV)

58-Ce-125

56

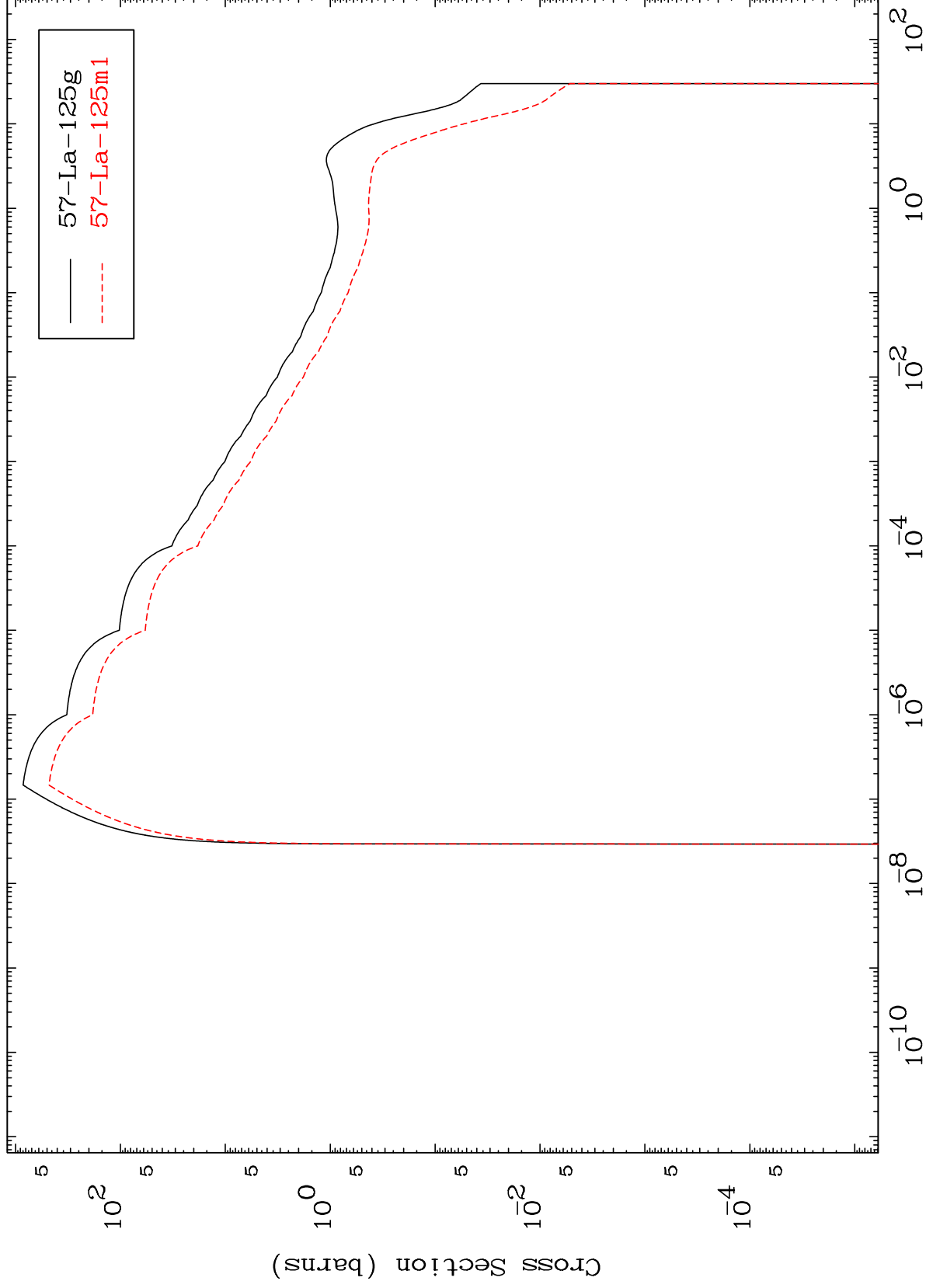
(n,n') p α
Radionuclide Production Cross Section



MAT 5792

58-Ce-125

(n,p)
Radionuclide Production Cross Section



58-Ce-125

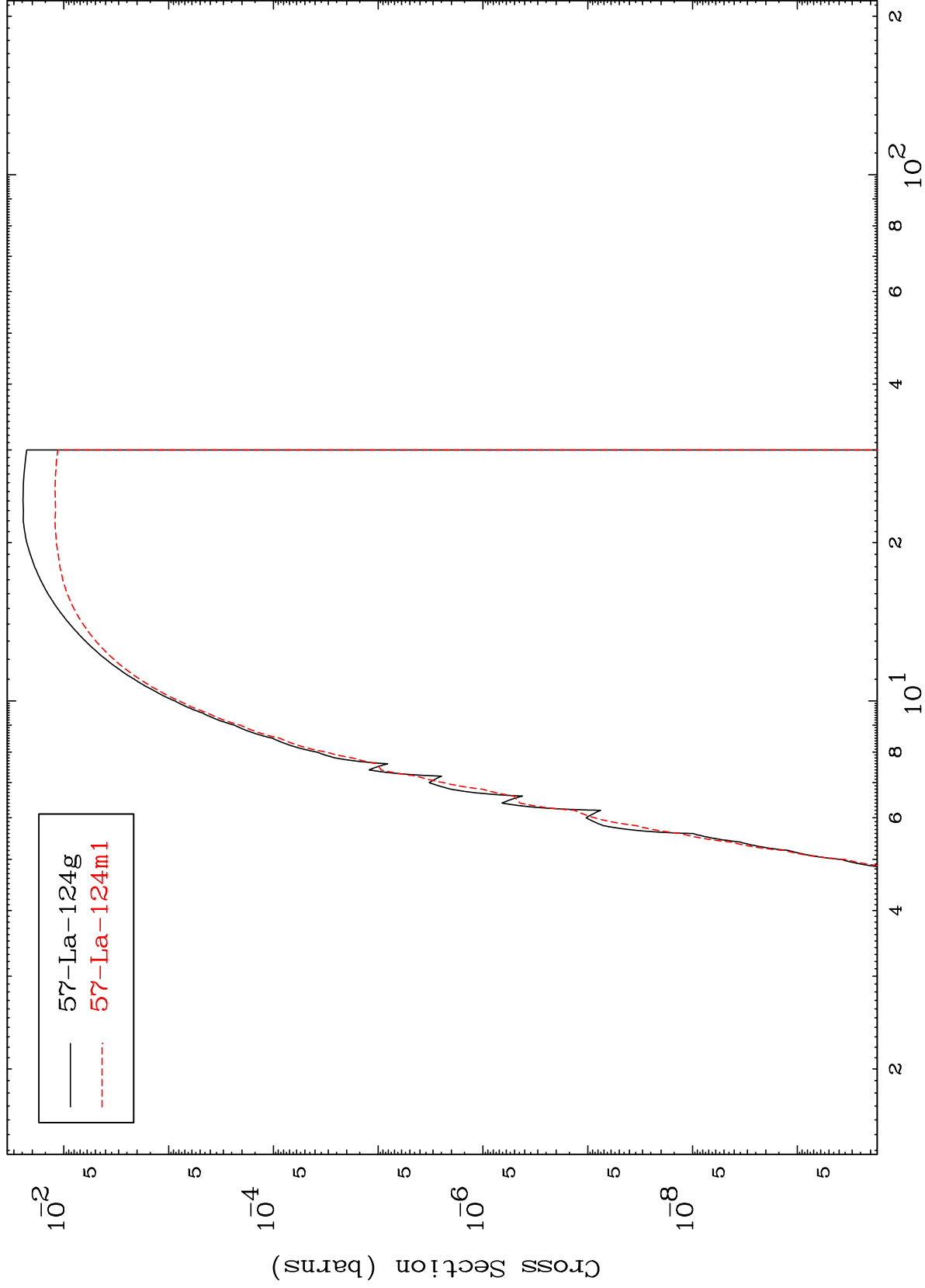
Incident Energy (MeV)

58

MAT 5792

58-Ce-125

Radionuclide Production Cross Section



59

Incident Energy (MeV)

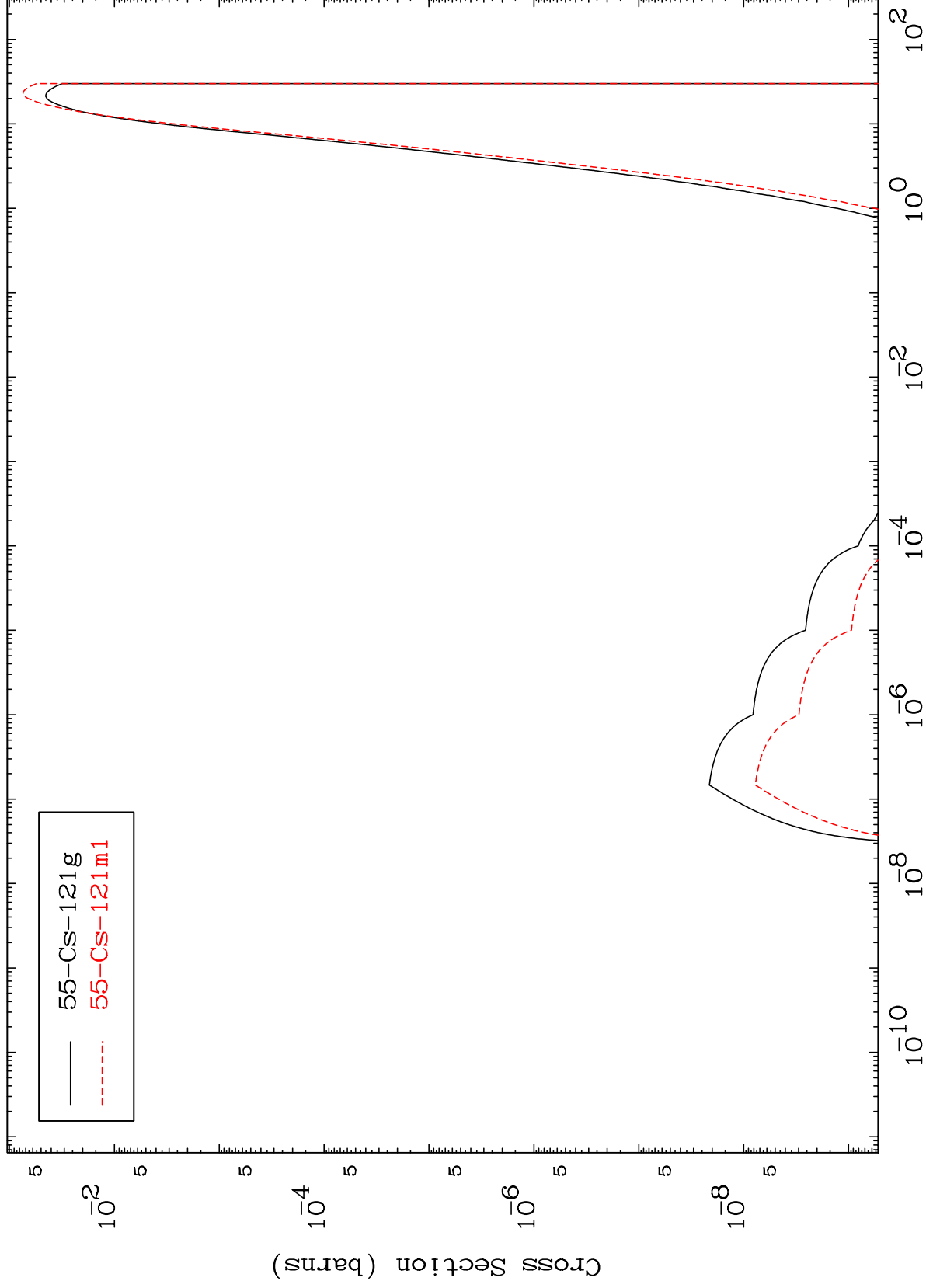
58-Ce-125

MAT 5792

(n,p) α

58-Ce-125

Radionuclide Production Cross Section



60

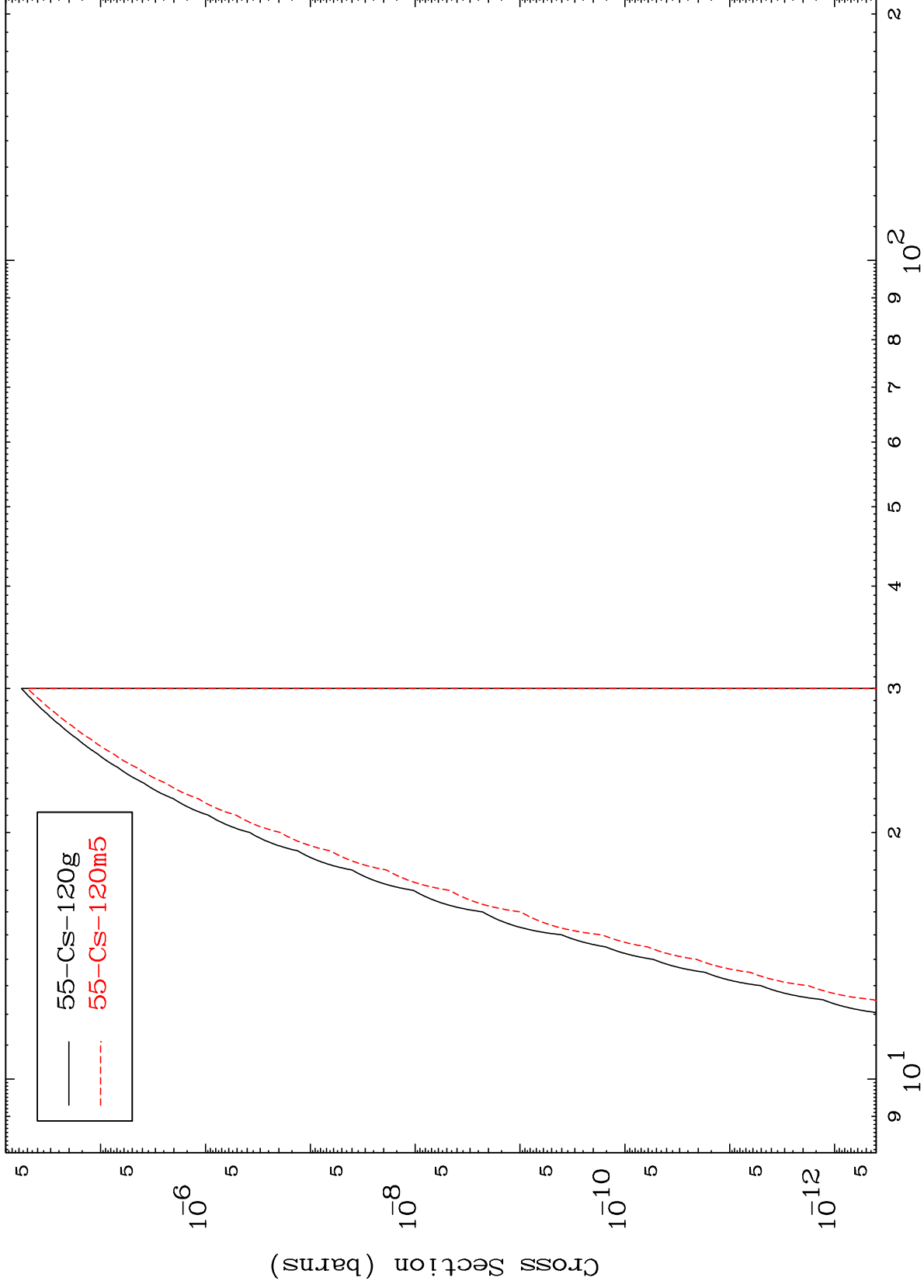
Incident Energy (MeV)

58-Ce-125

MAT 5792

58-Ce-125

(n,d) α
Radionuclide Production Cross Section



61

Incident Energy (MeV)

58-Ce-125