

Program EVALPLOT
(Version 2021-1)

by

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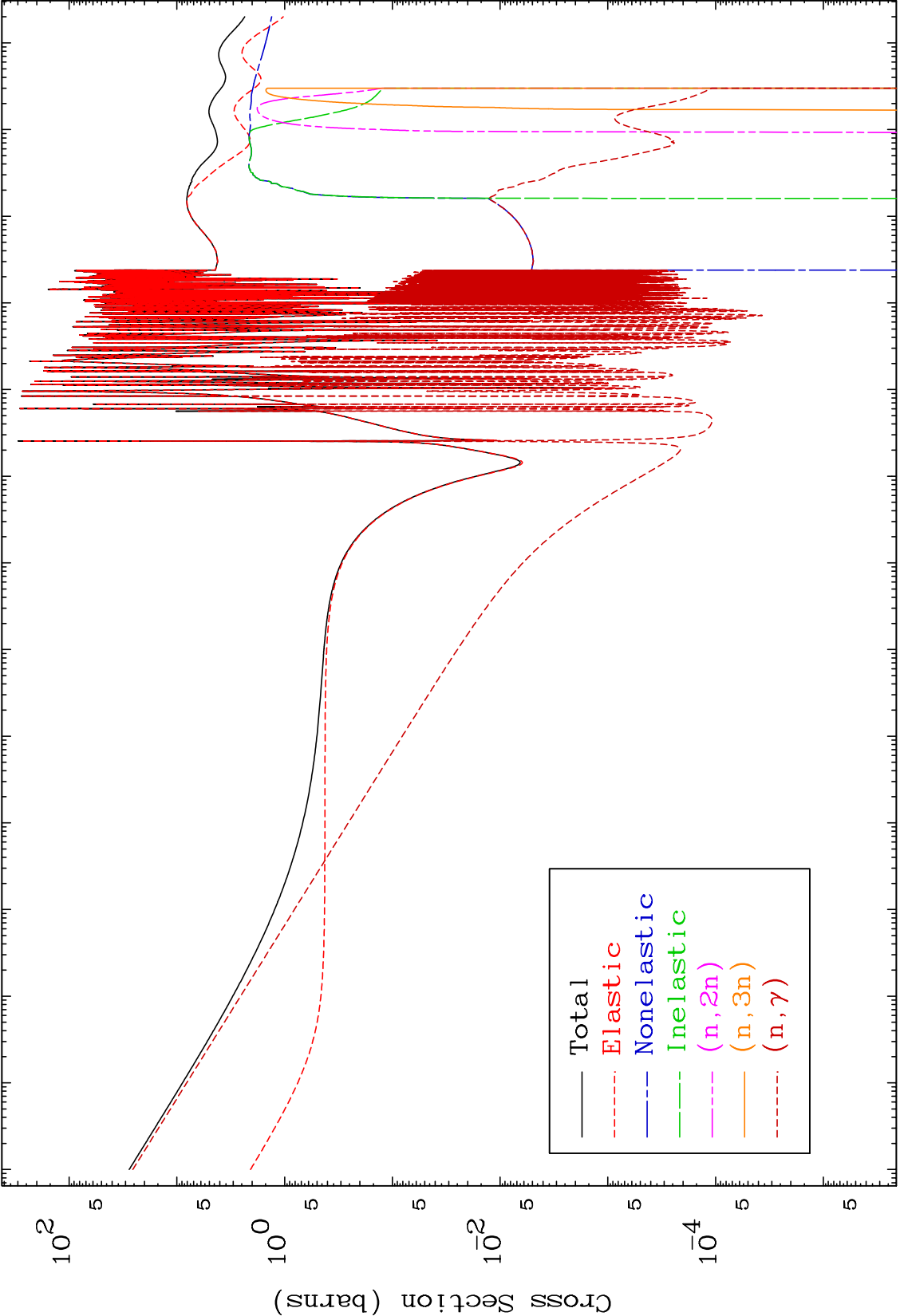
Press Mouse Button to Start

MAT 5837

Neutron Major

293 Kelvin Cross Sections

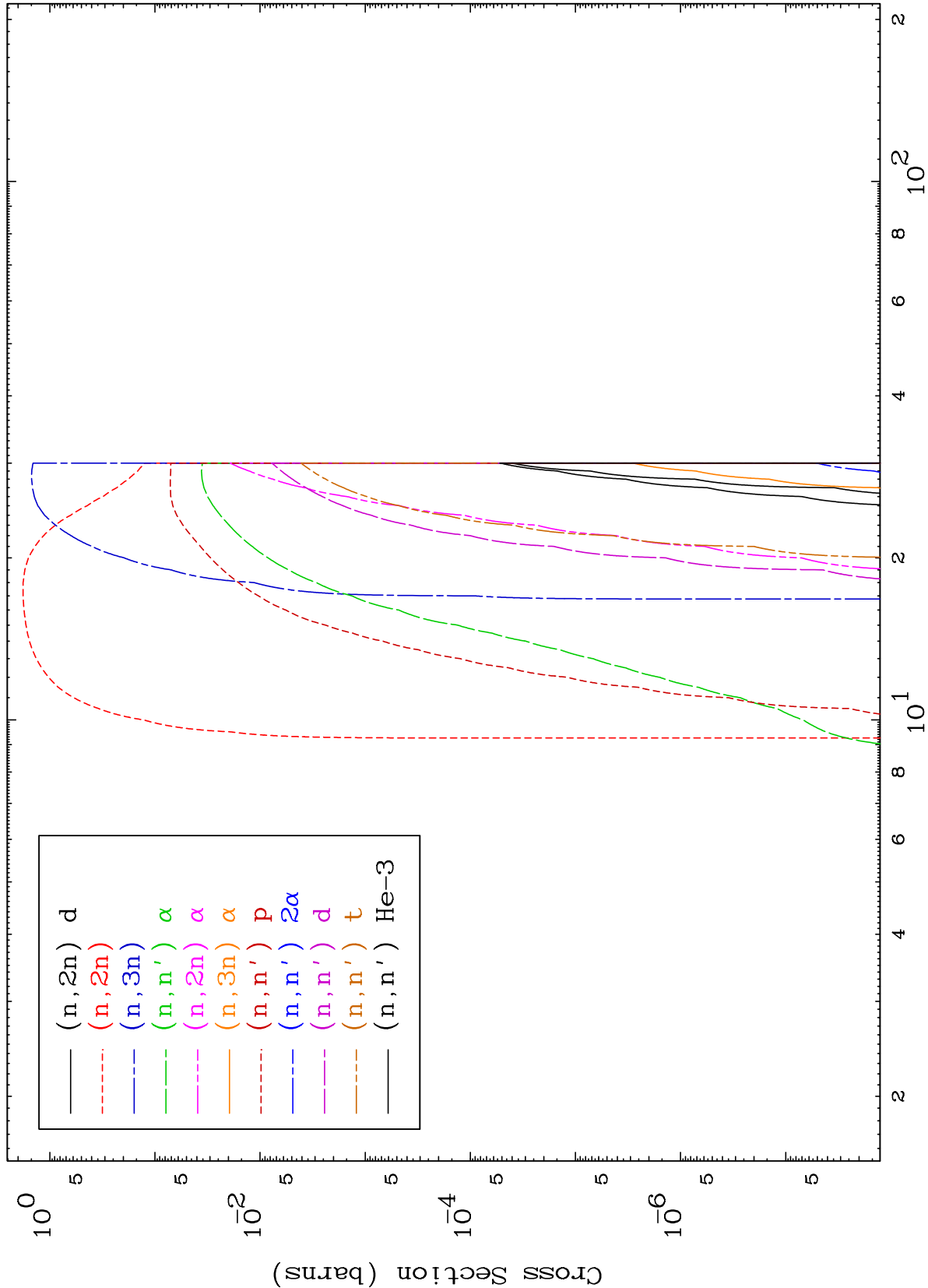
58-Ce-140



MAT 5837

Neutron Absorption
293 Kelvin Cross Sections

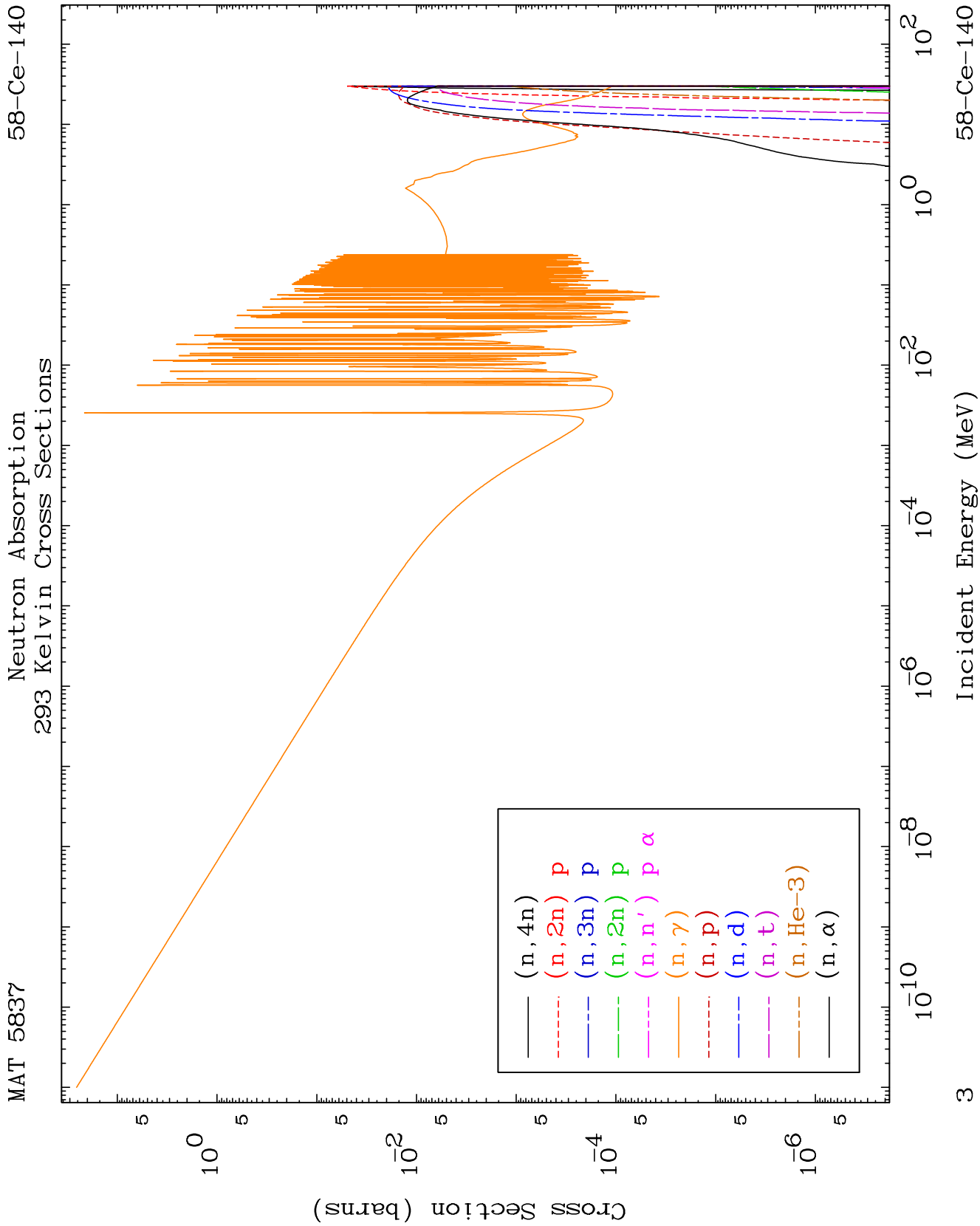
58-Ce-140

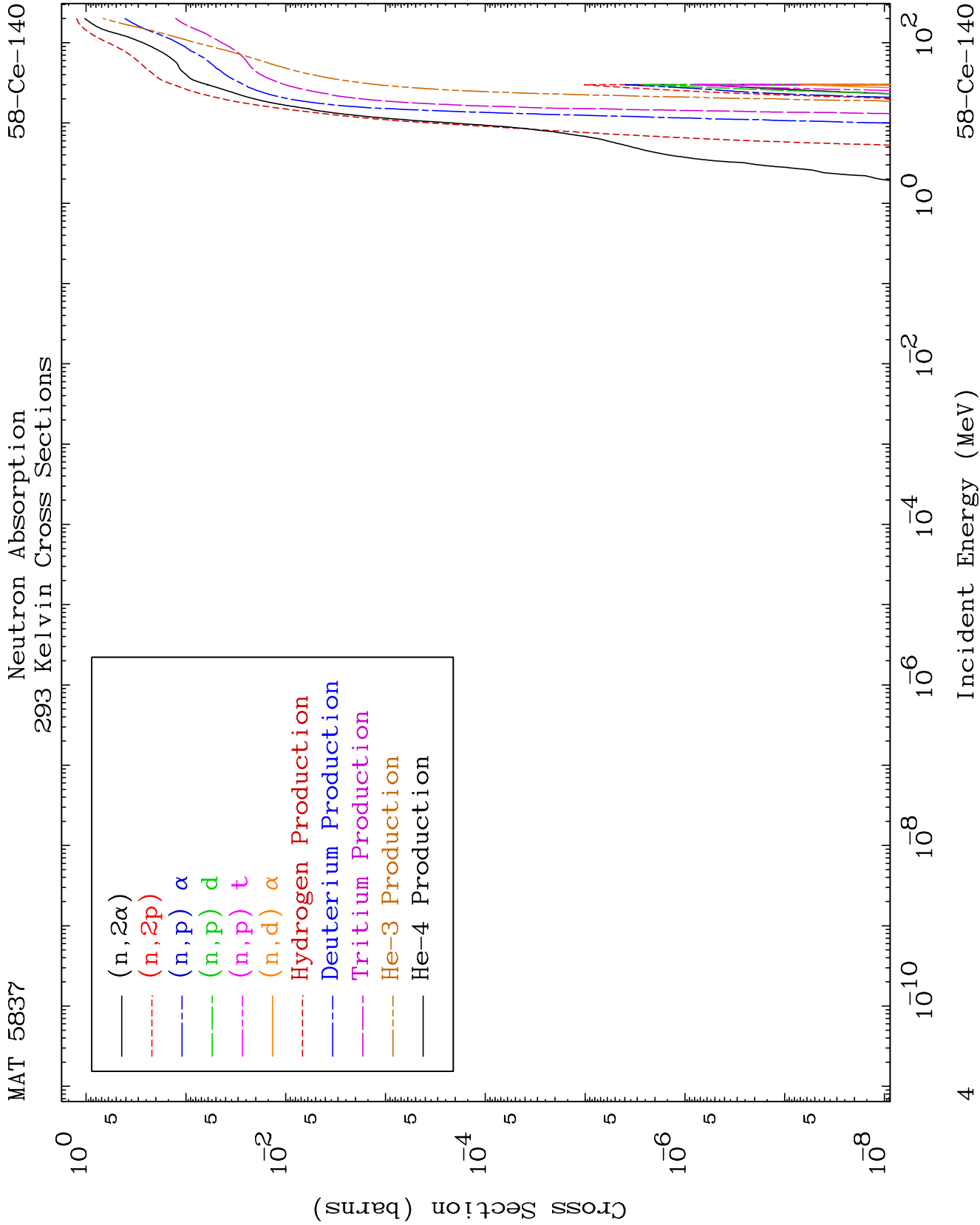


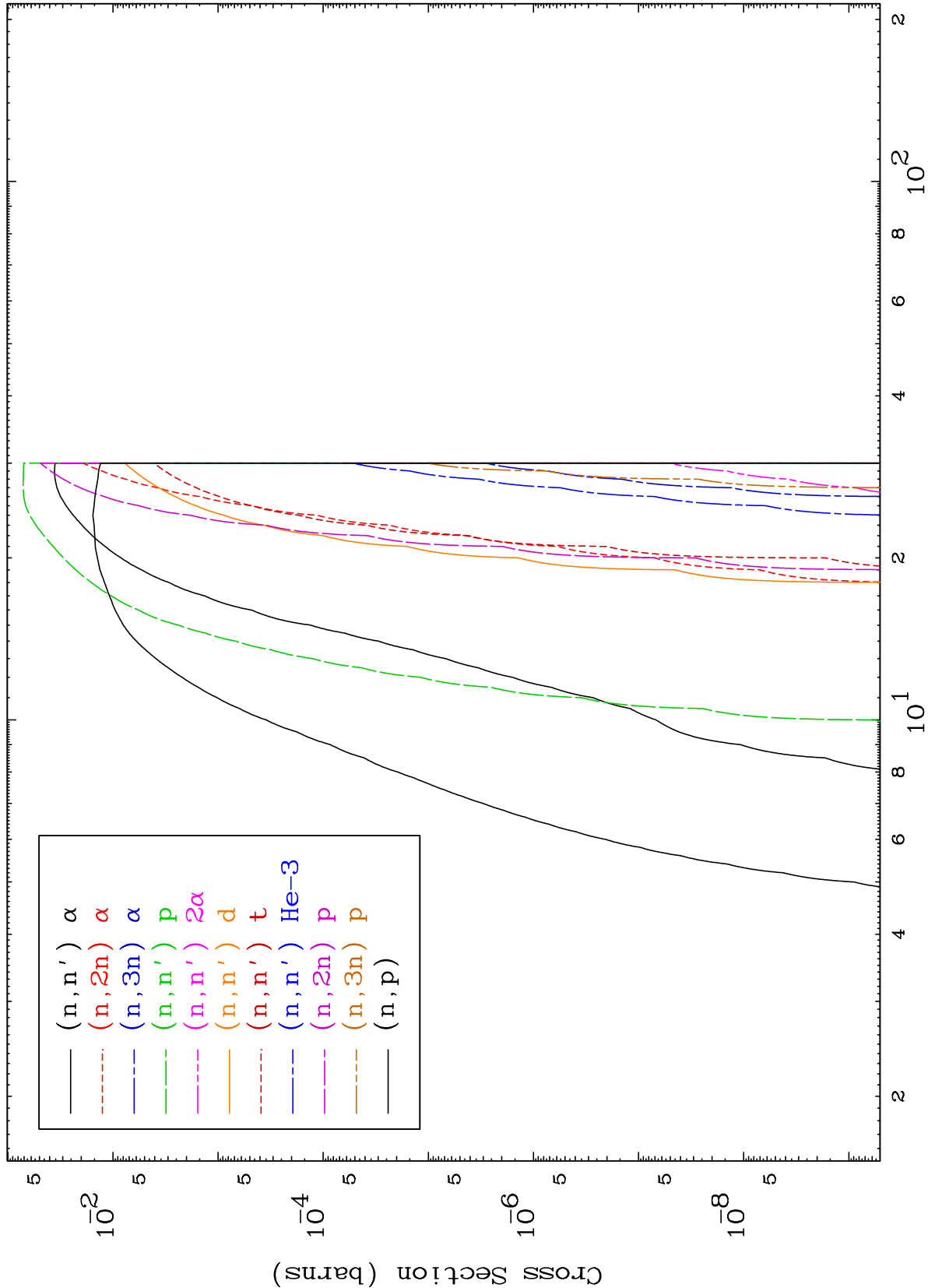
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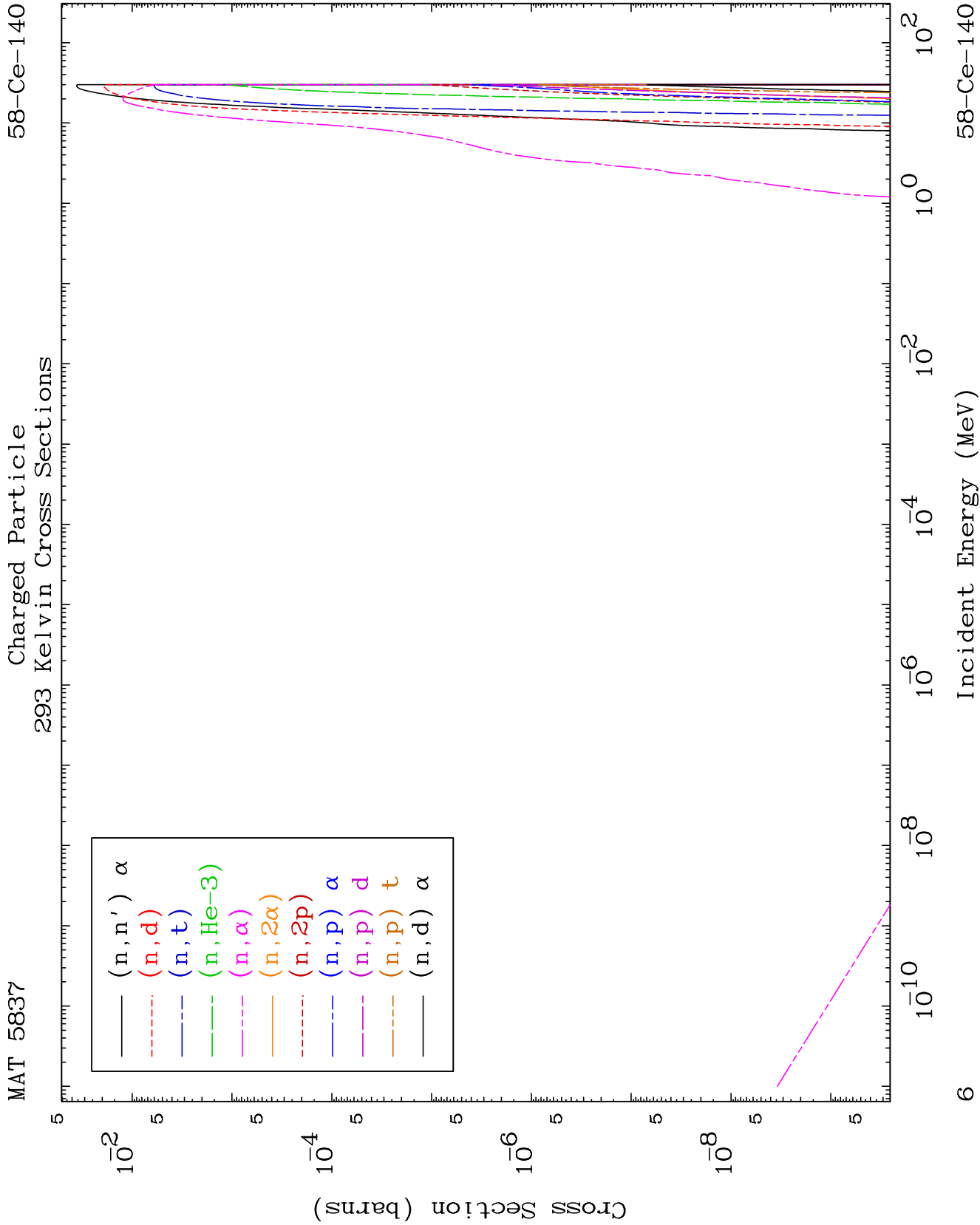
Incident Energy (MeV)

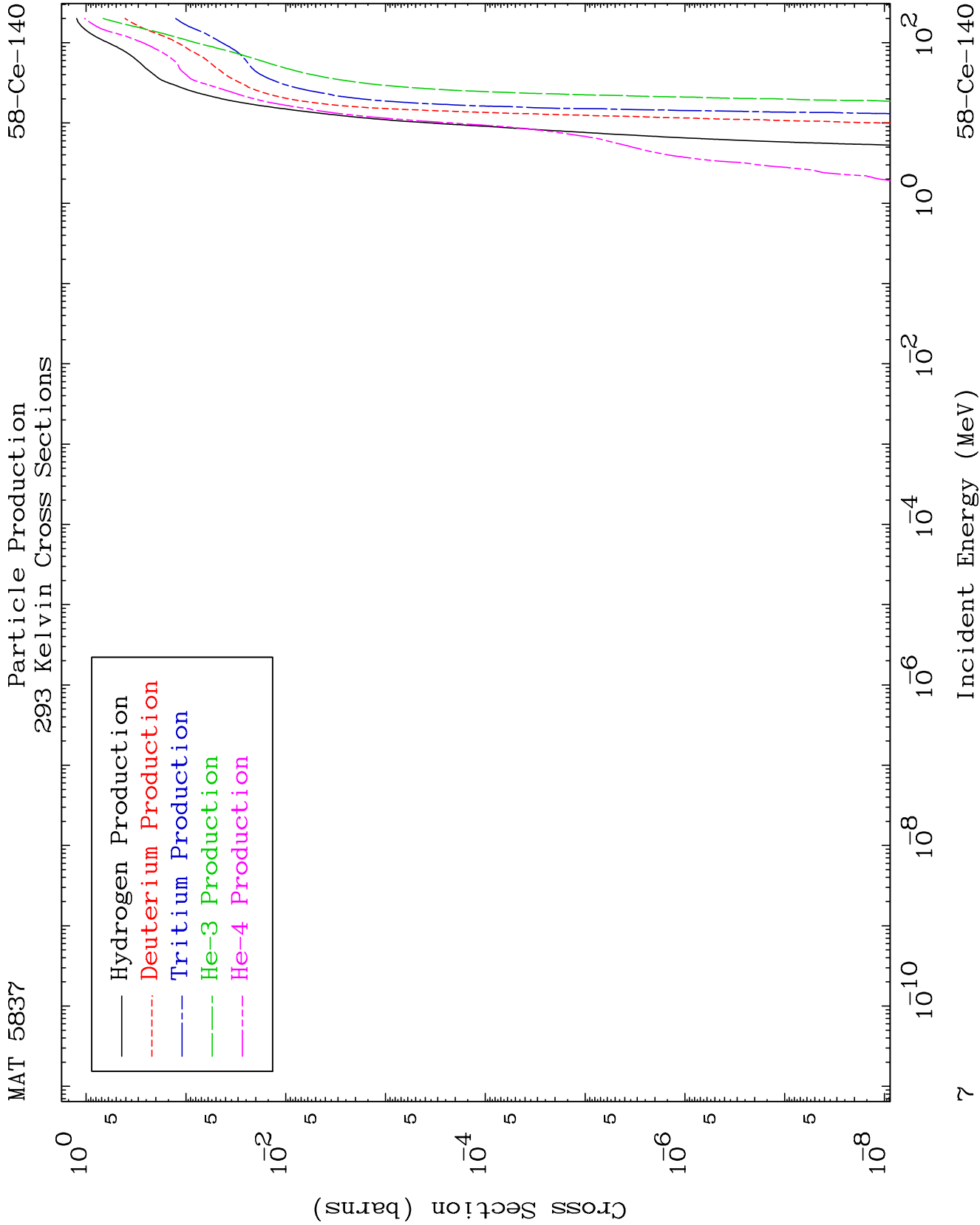
58-Ce-140









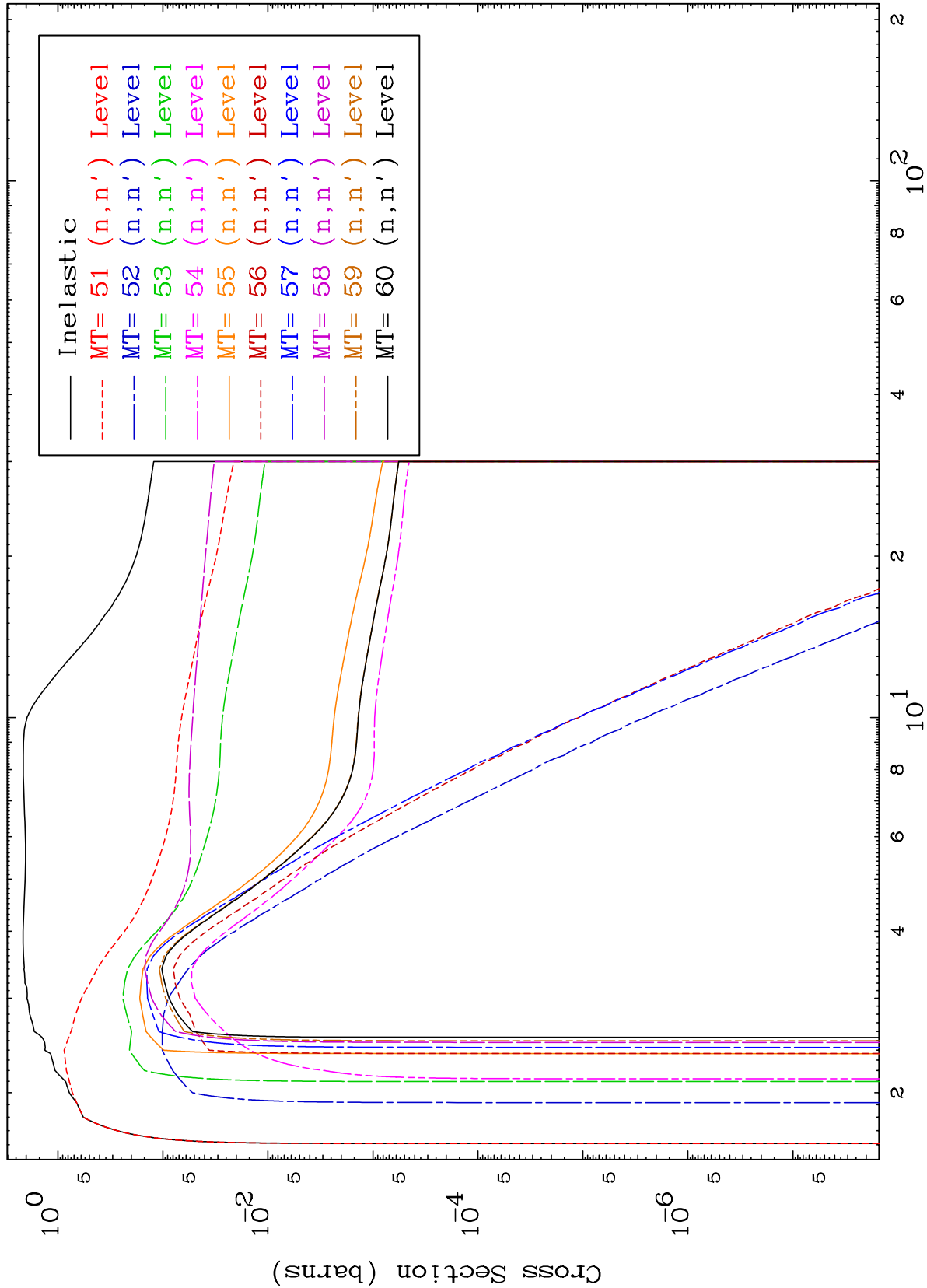


MAT 5837

(n,n') Levels

293 Kelvin Cross Sections

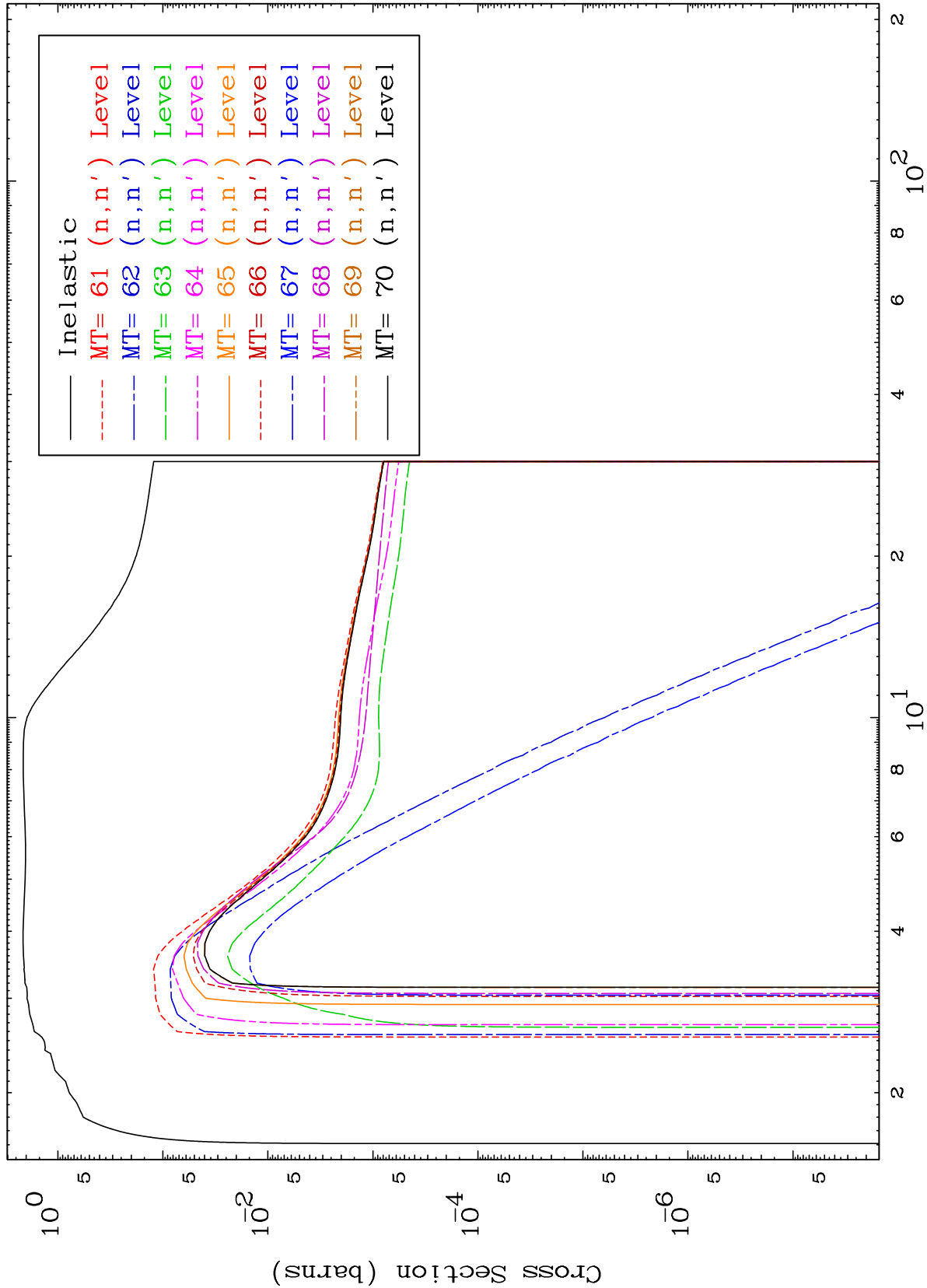
58-Ce-140



8

Incident Energy (MeV)

58-Ce-140

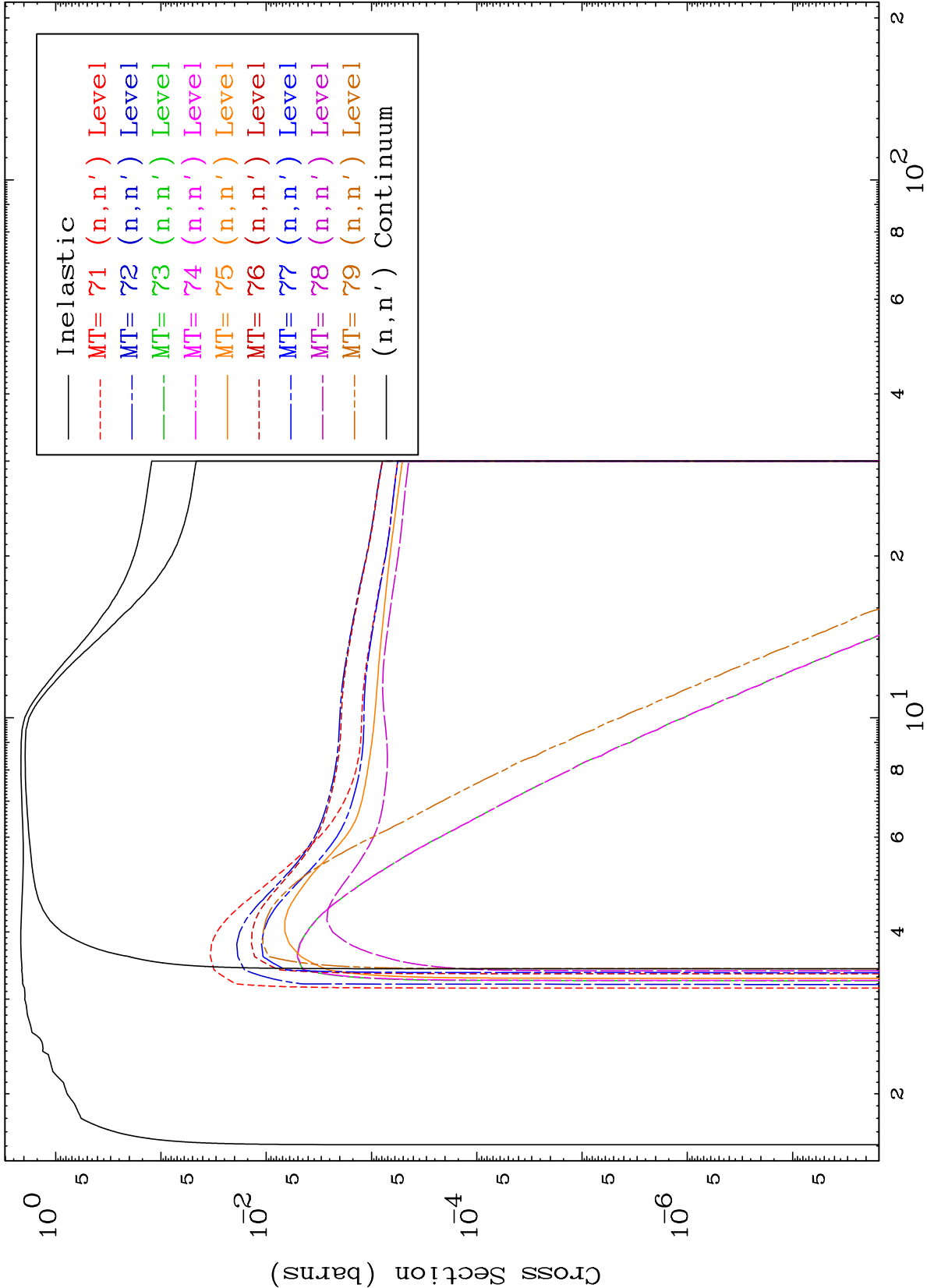


MAT 5837

(n,n') Levels

293 Kelvin Cross Sections

58-Ce-140



10

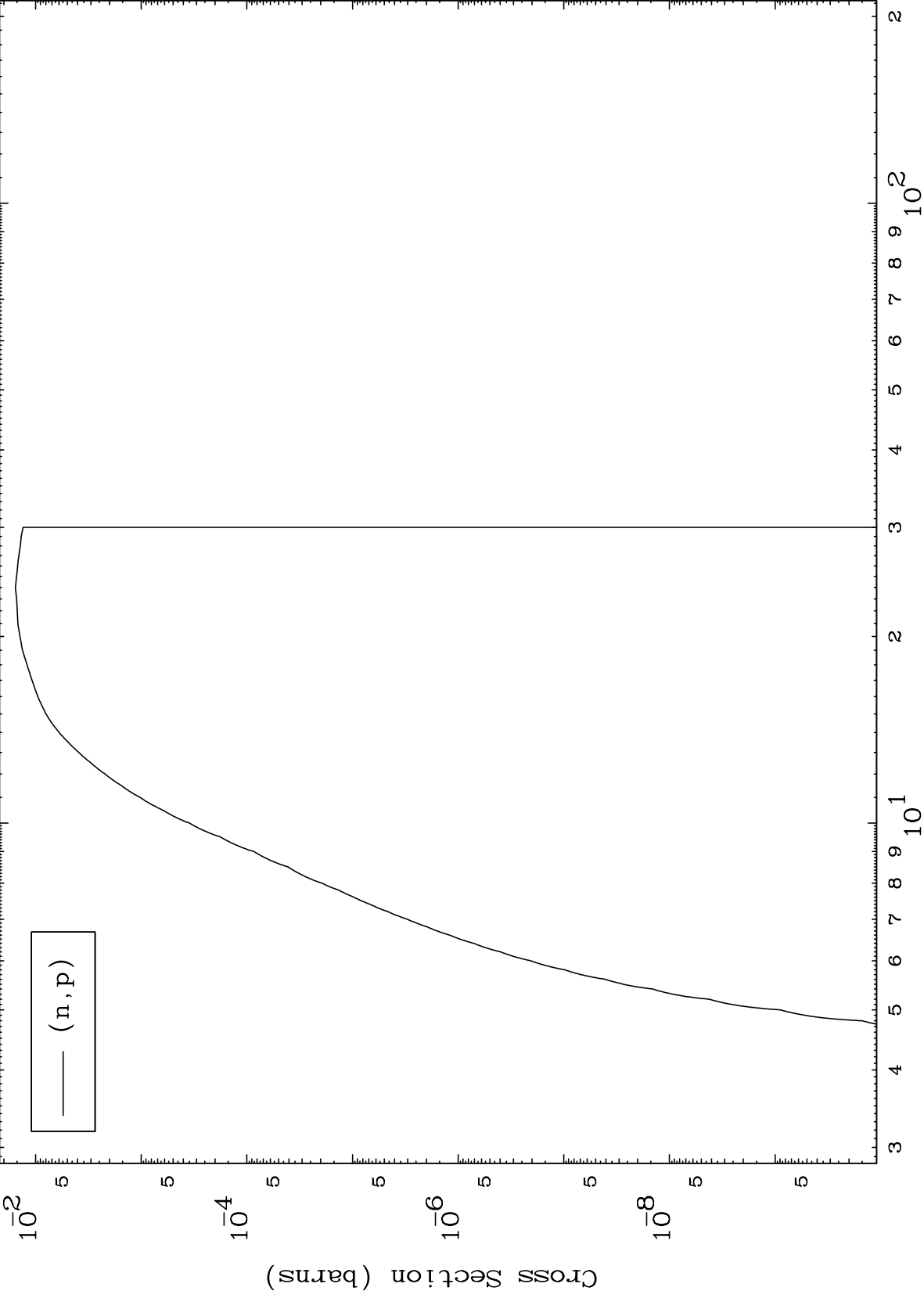
Incident Energy (MeV)

58-Ce-140

MAT 5837

(n,p) Levels
293 Kelvin Cross Sections

58-Ce-140



11

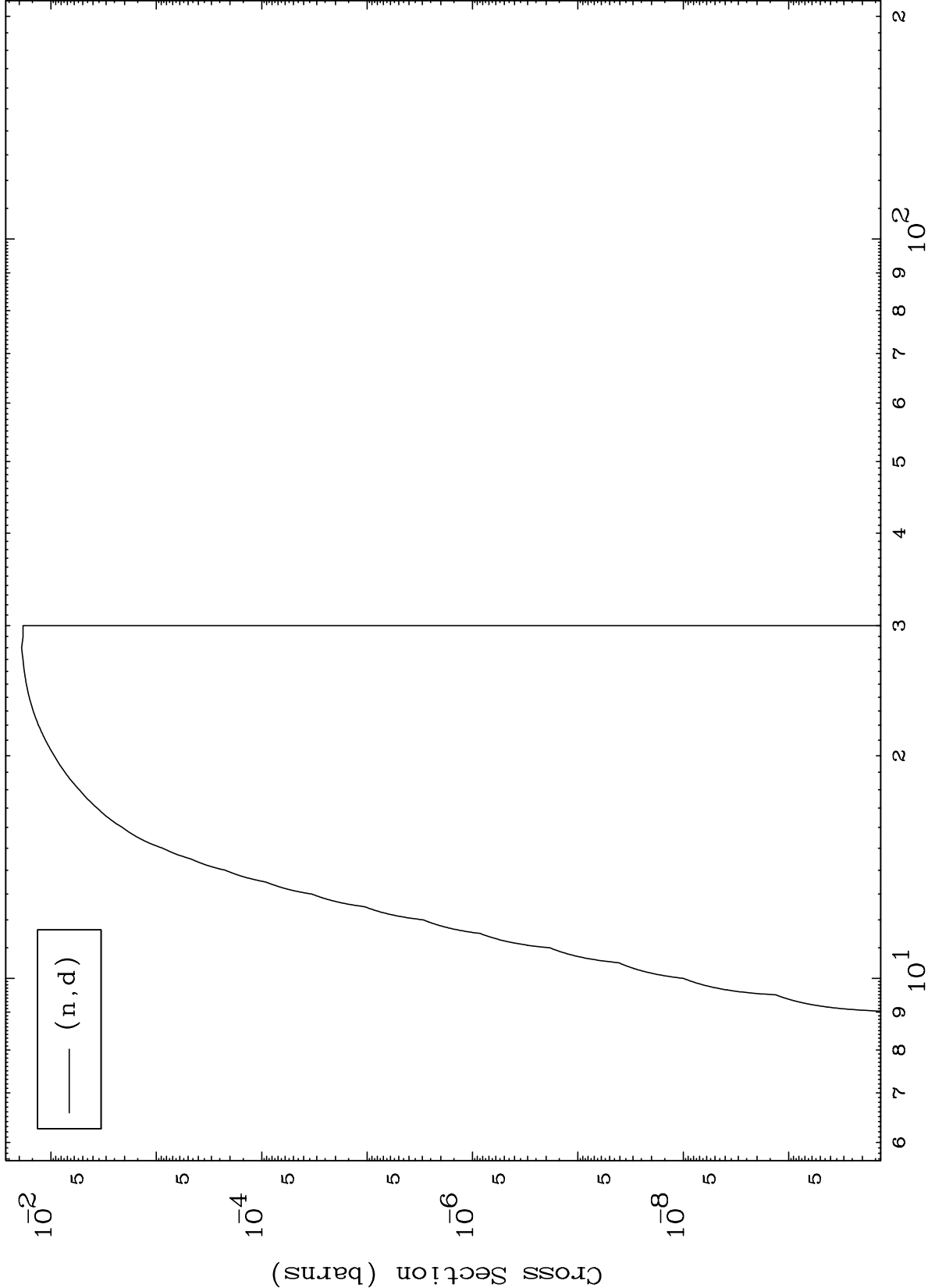
Incident Energy (MeV)

58-Ce-140

MAT 5837

(n,d) Levels
293 Kelvin Cross Sections

58-Ce-140



12

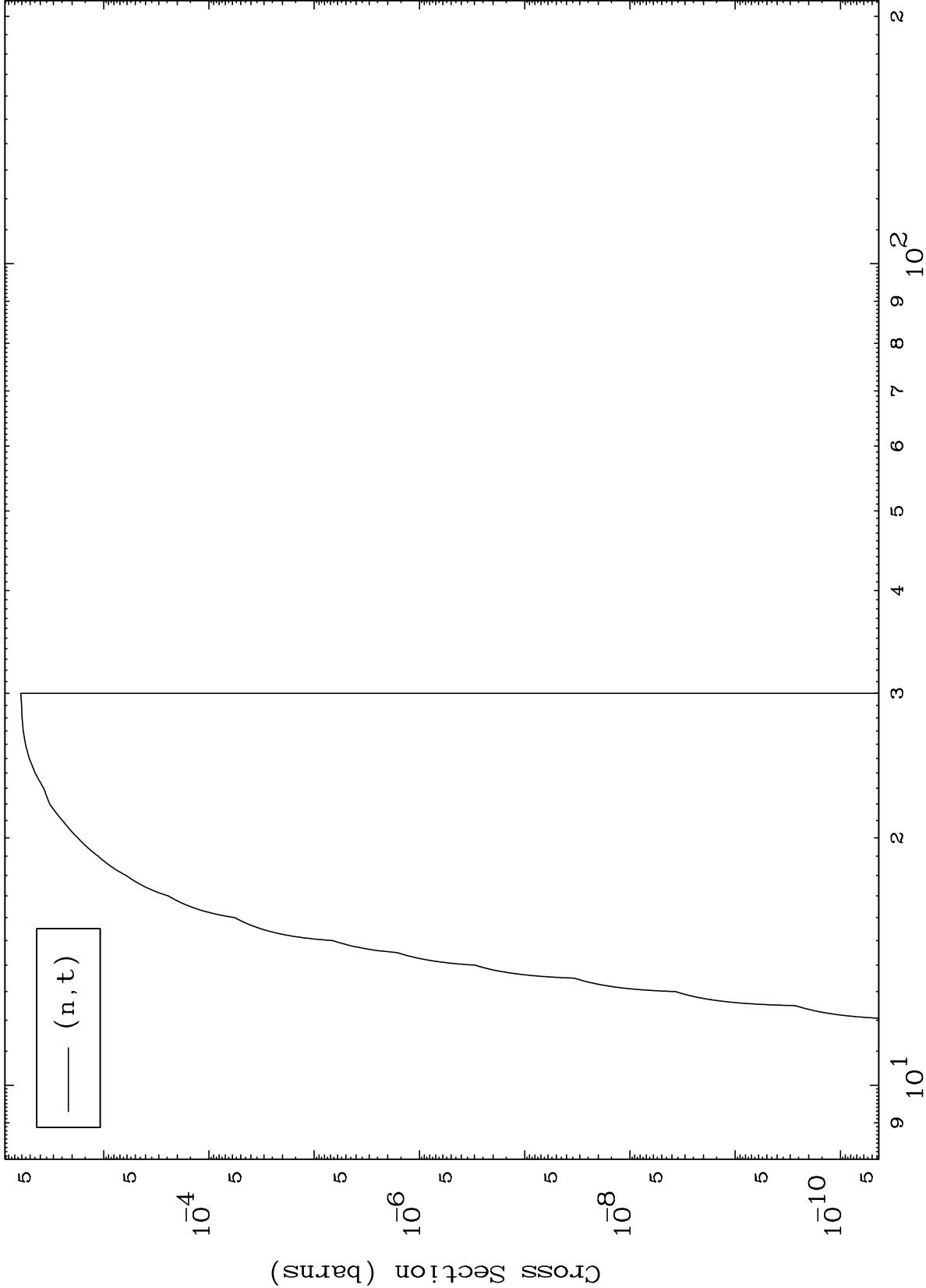
Incident Energy (MeV)

58-Ce-140

MAT 5837

(n,t) Levels
293 Kelvin Cross Sections

58-Ce-140



13

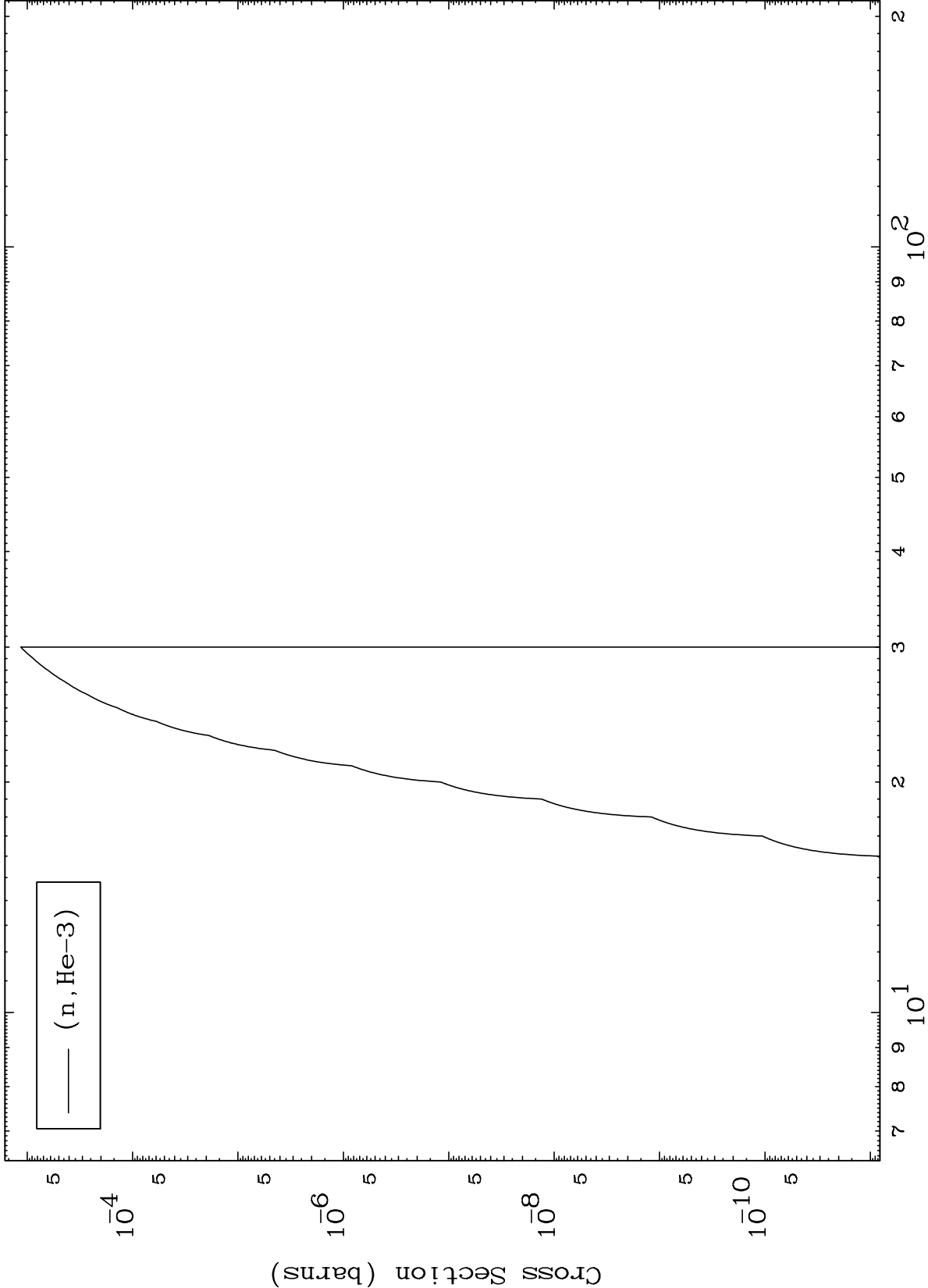
Incident Energy (MeV)

58-Ce-140

MAT 5837

(n,He3) Levels
293 Kelvin Cross Sections

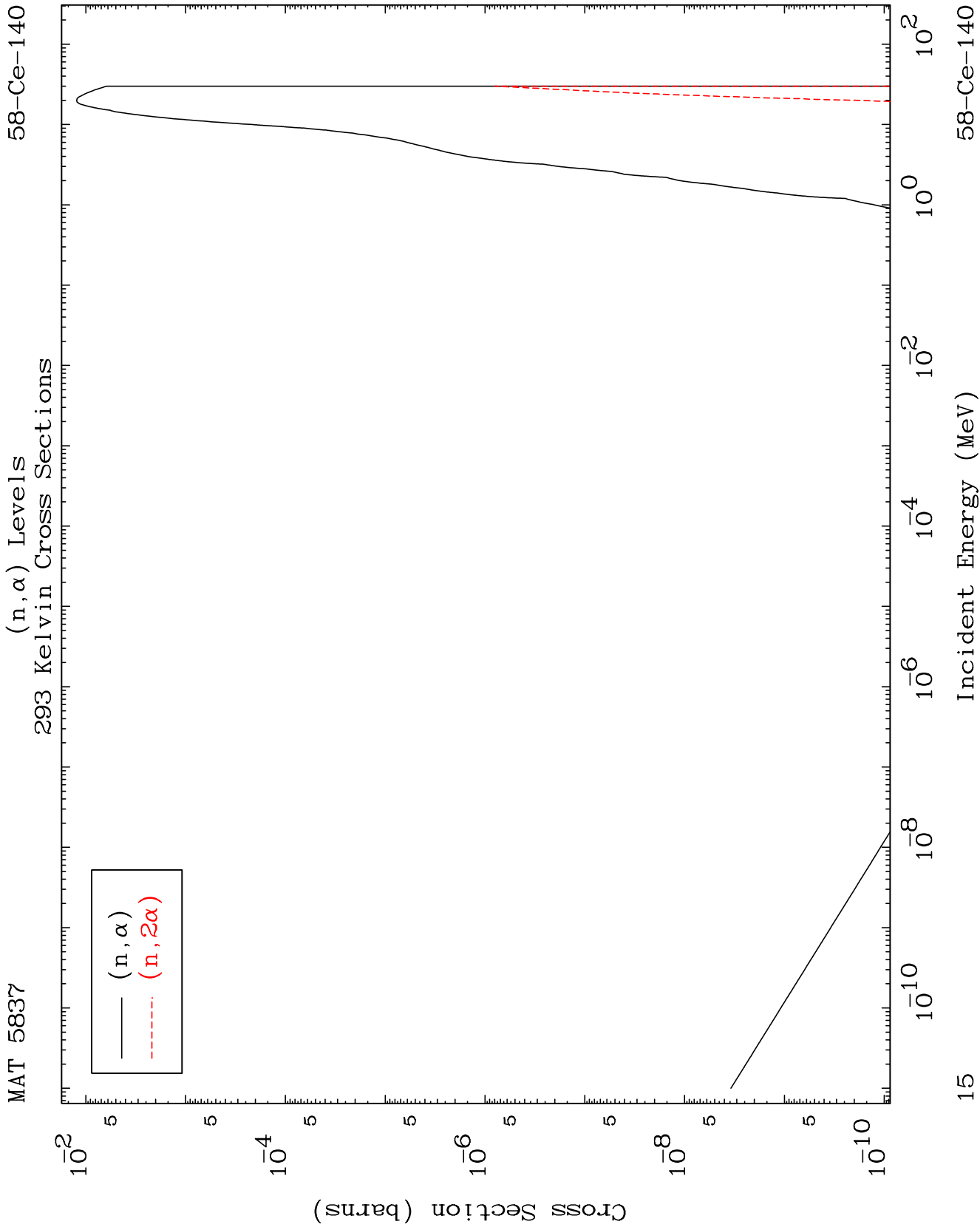
58-Ce-140



14

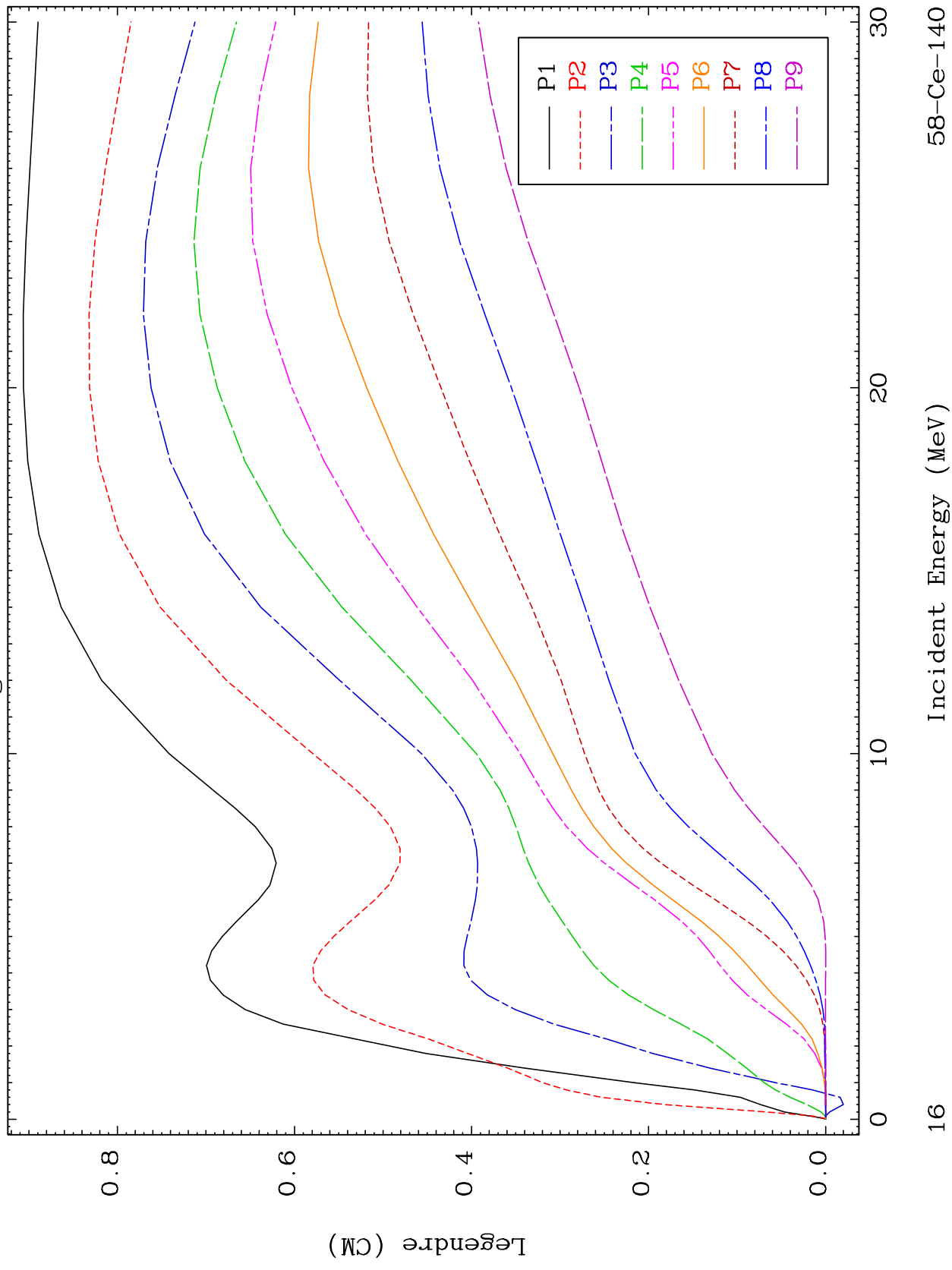
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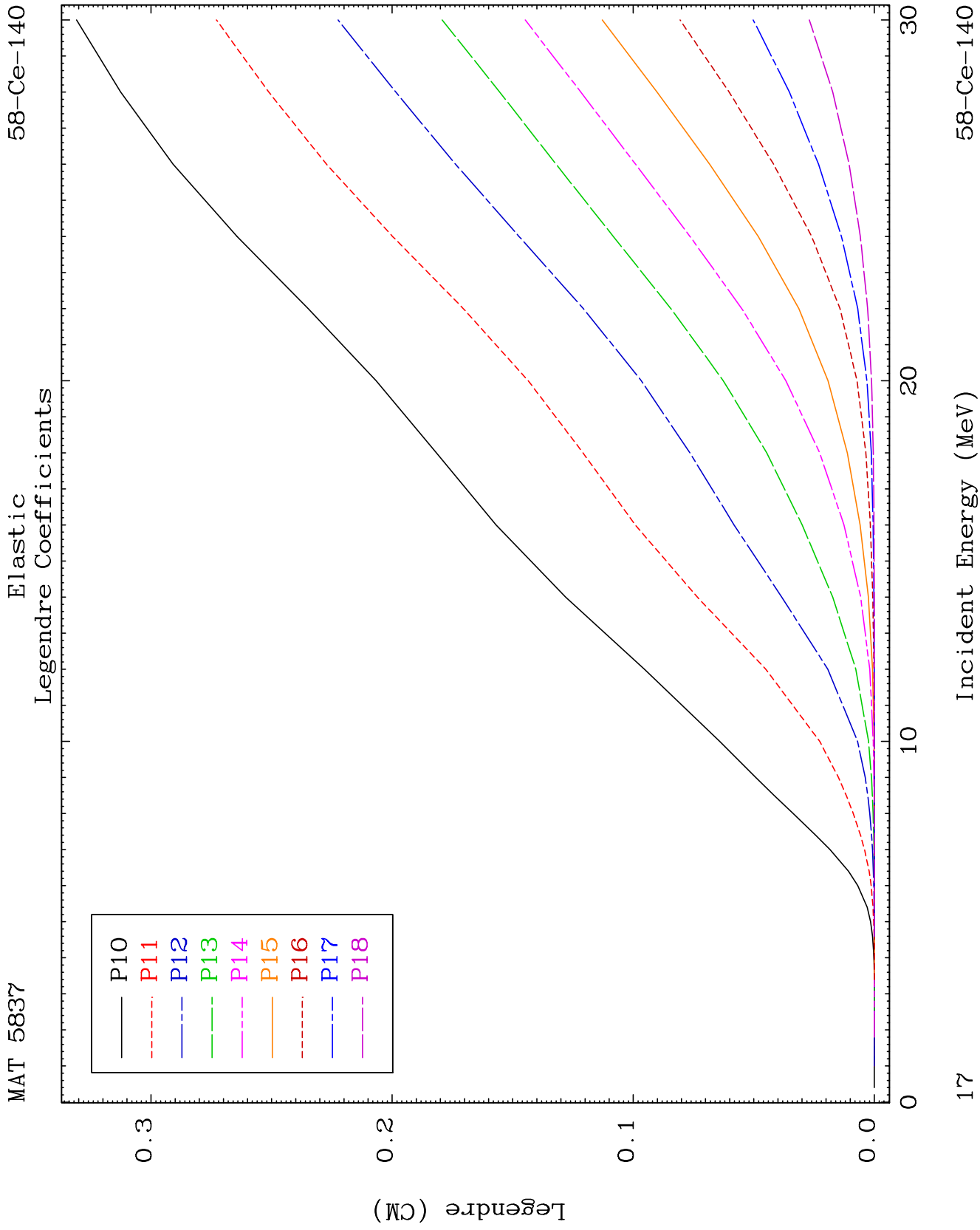
58-Ce-140



58-Ce-140

58-Ce-140

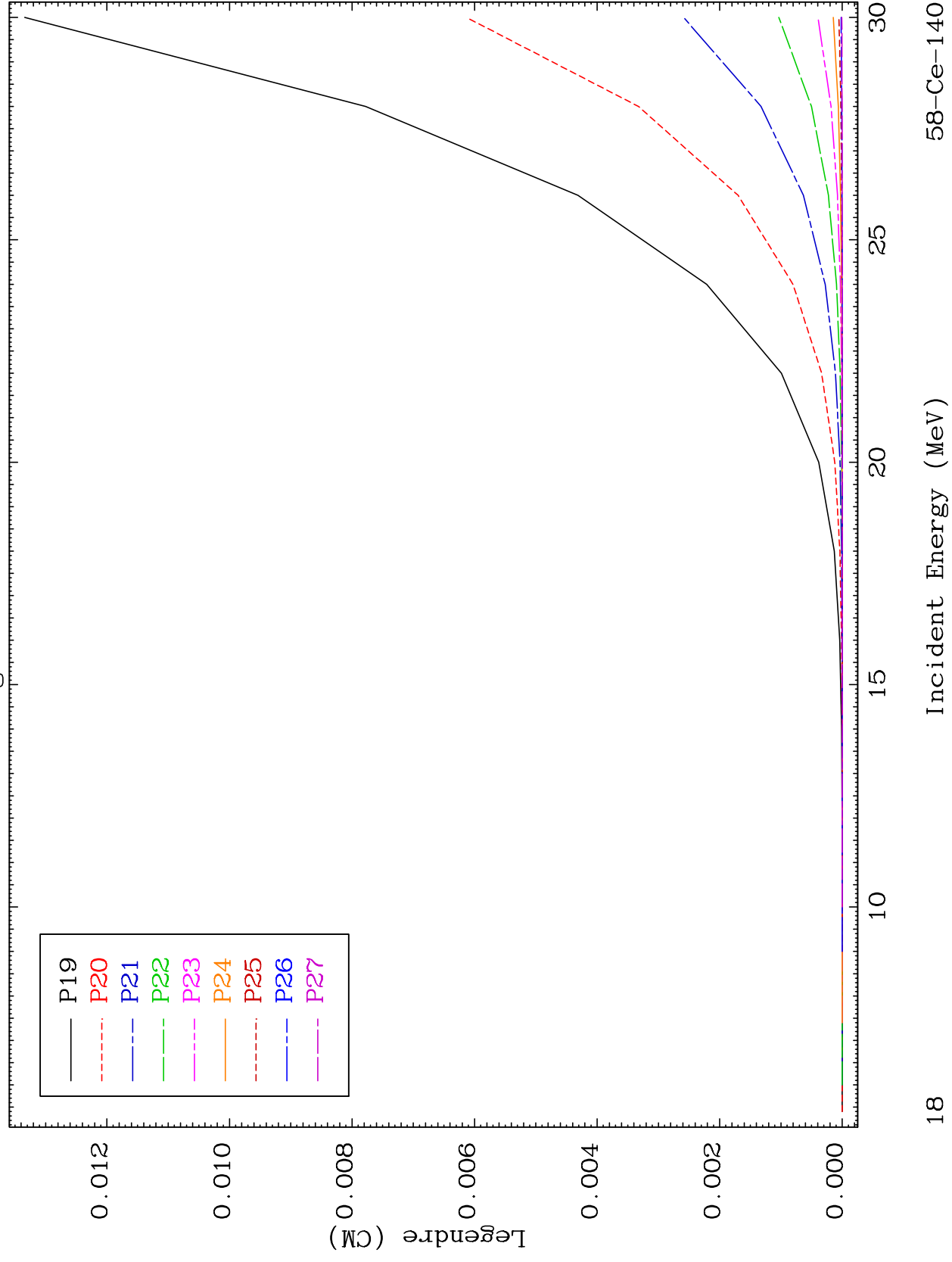


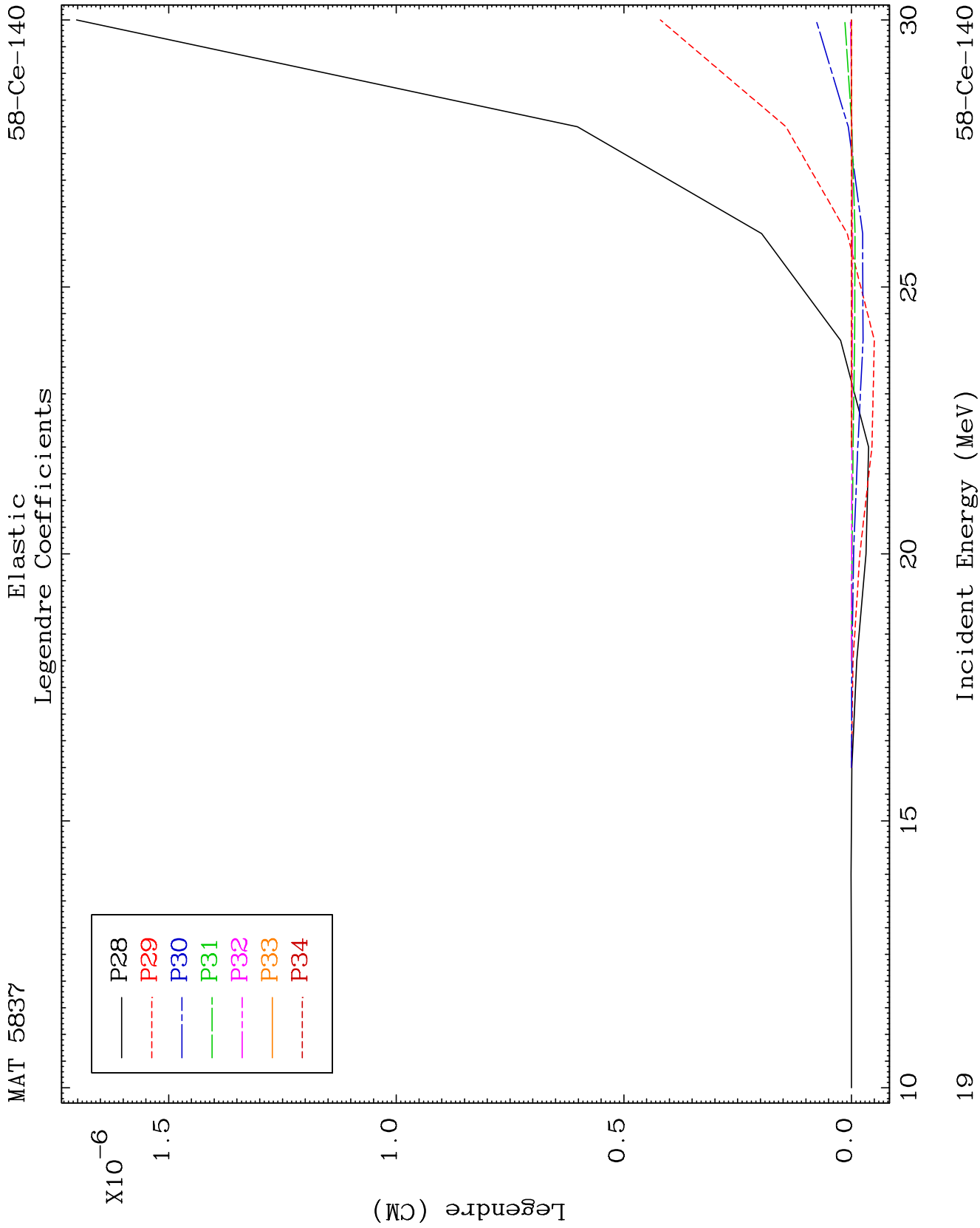


MAT 5837

Elastic Legendre Coefficients

58-Ce-140

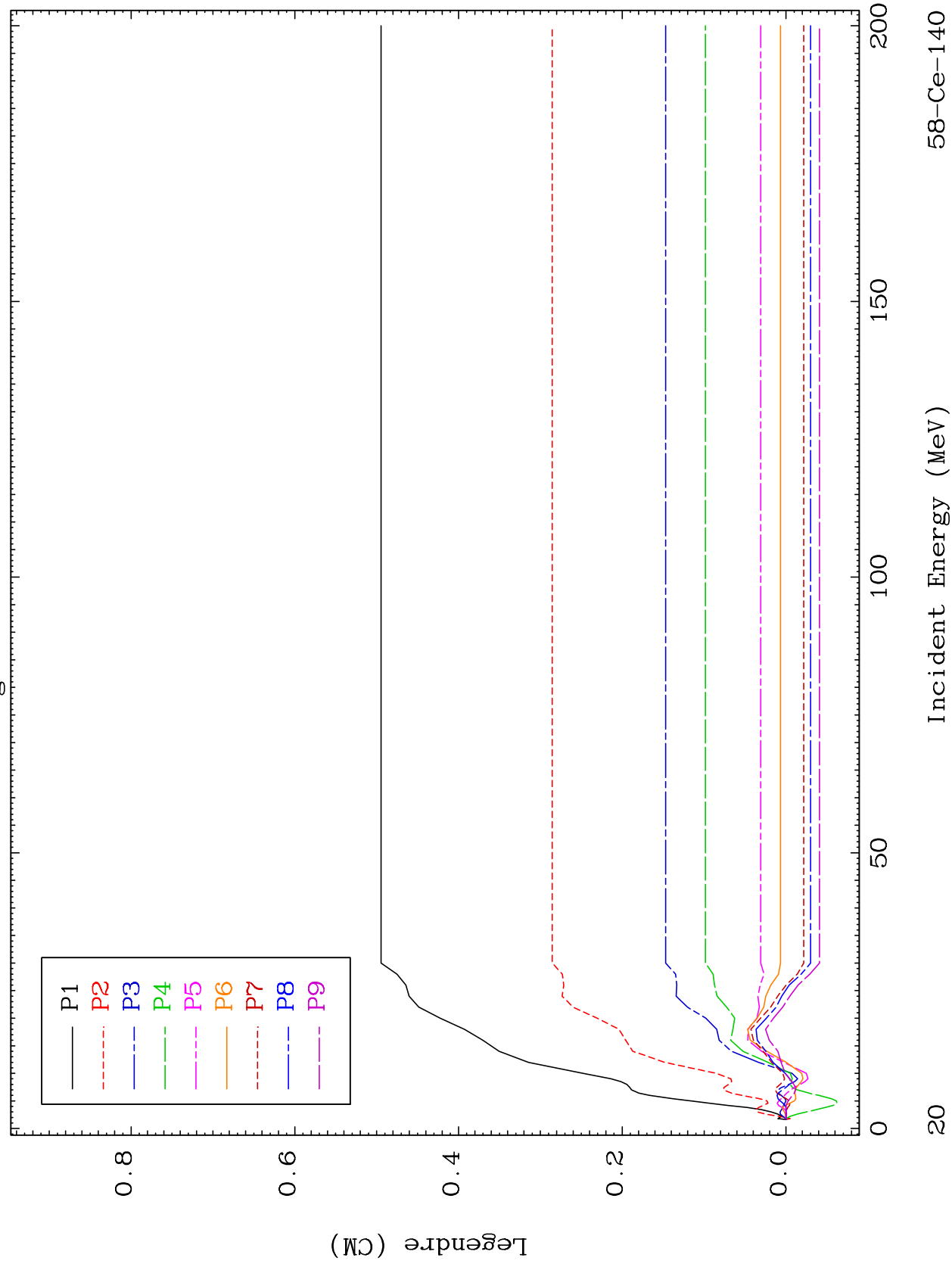




MAT 5837

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

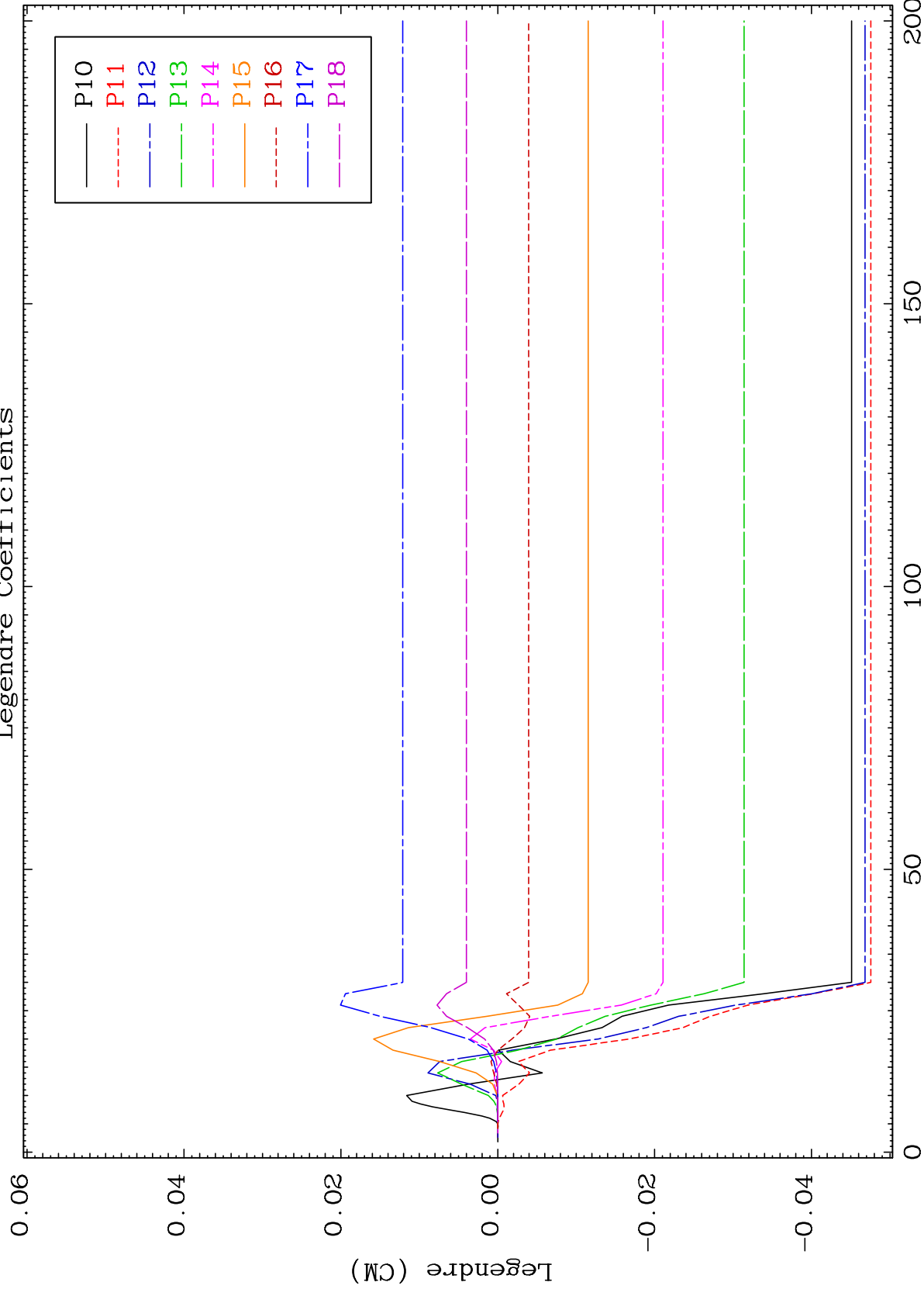
58-Ce-140



MAT 5837

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

58-Ce-140



21

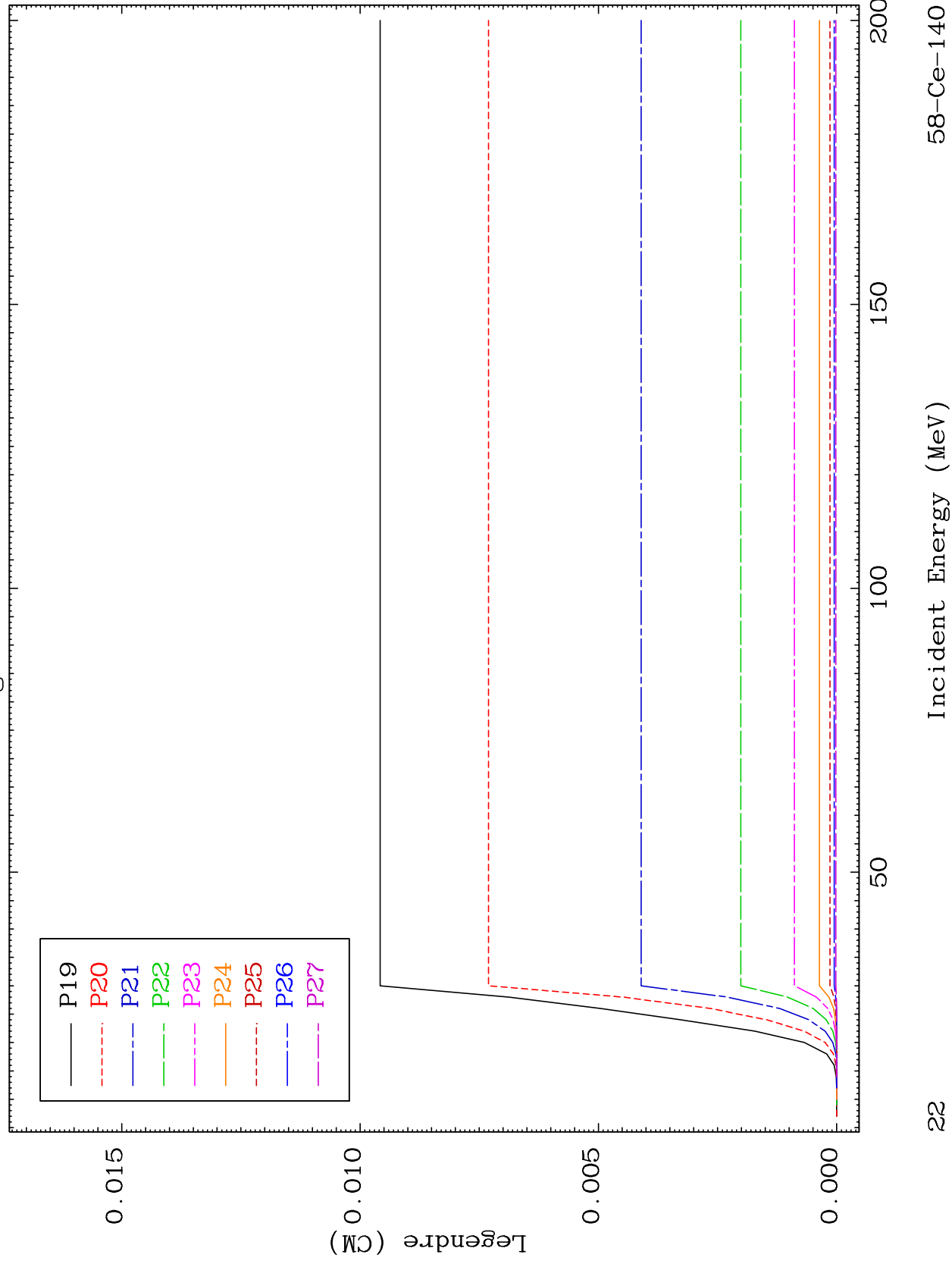
Incident Energy (MeV)

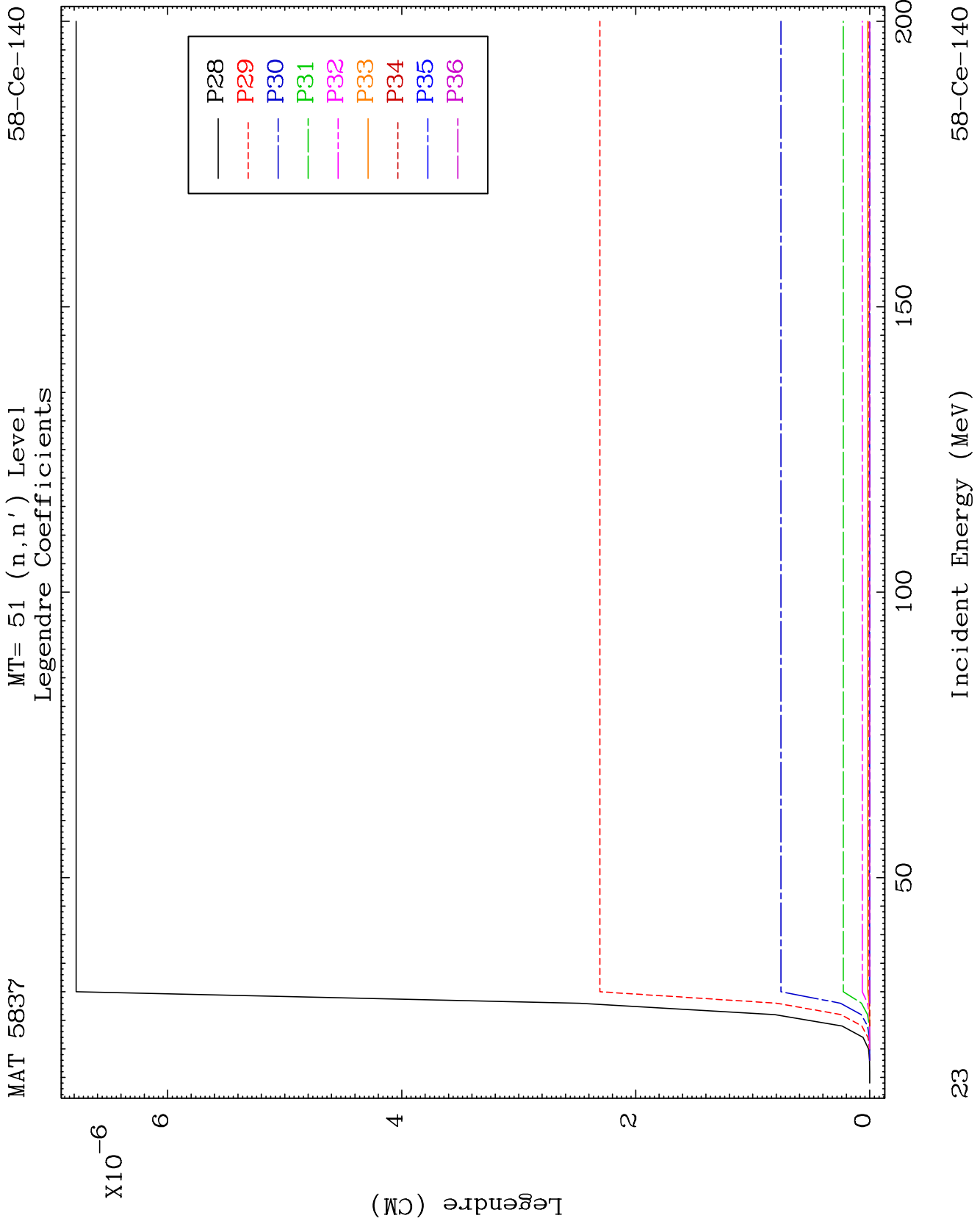
58-Ce-140

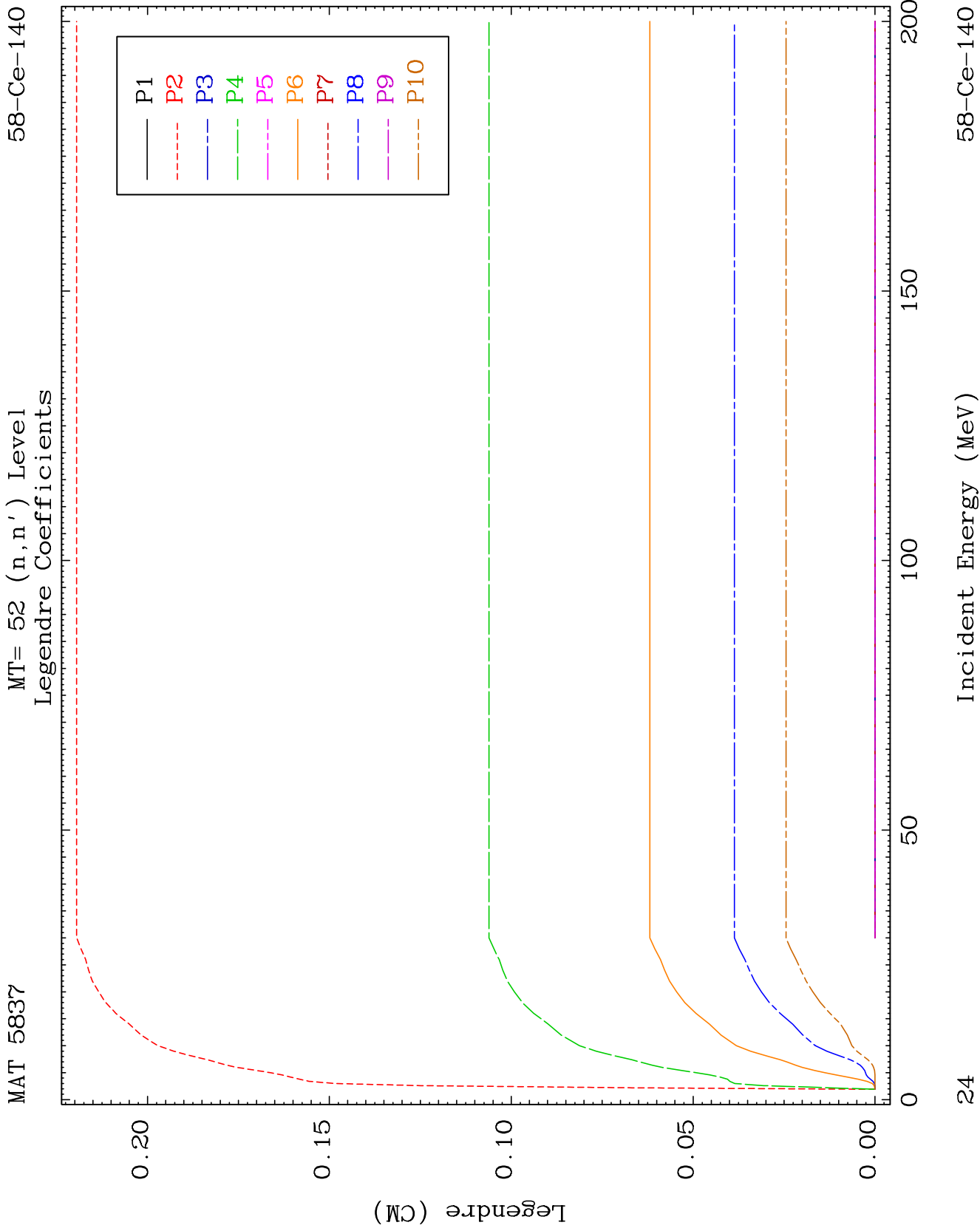
MAT 5837

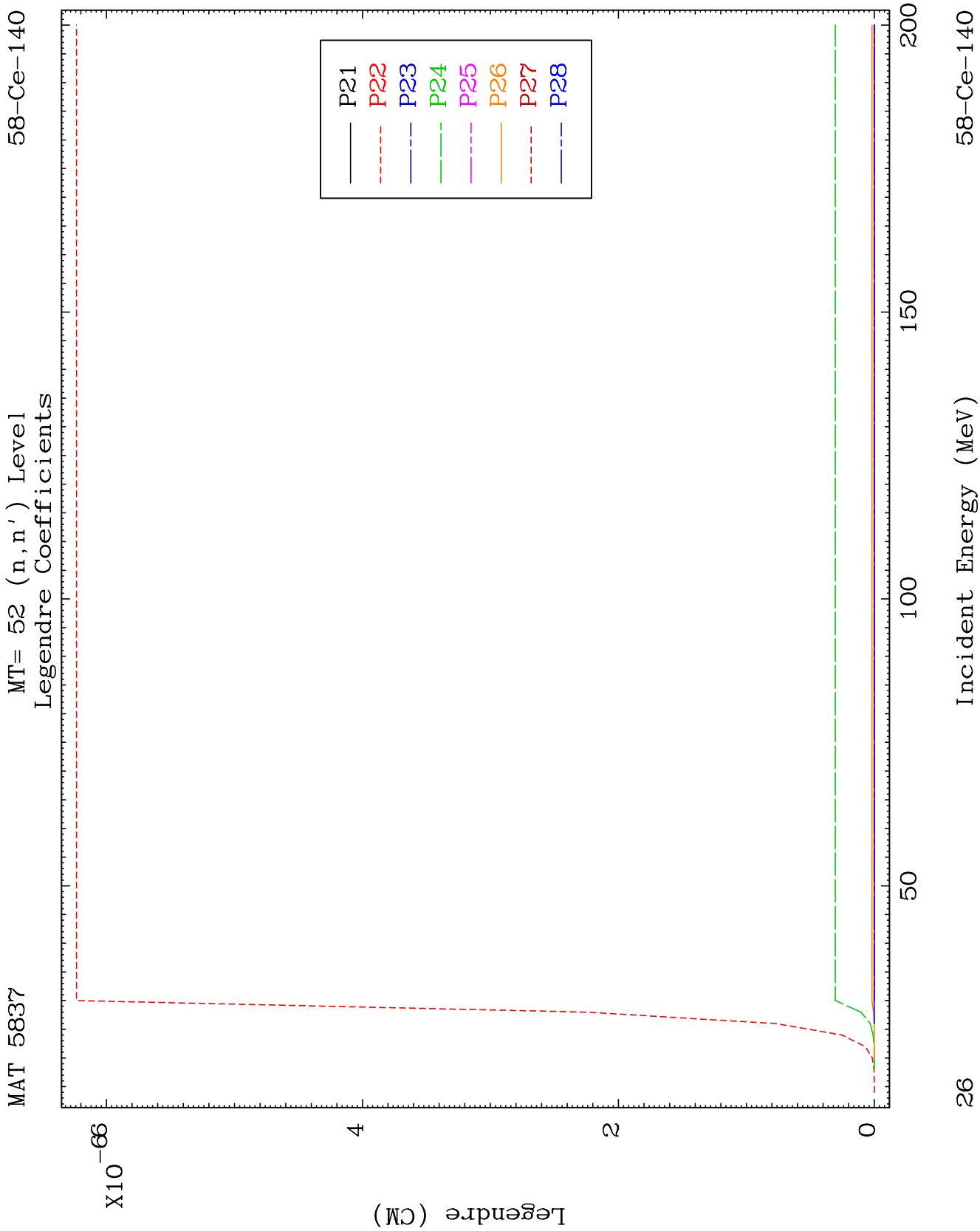
MT= 51 (n, n') Level
Legendre Coefficients

58-Ce-140





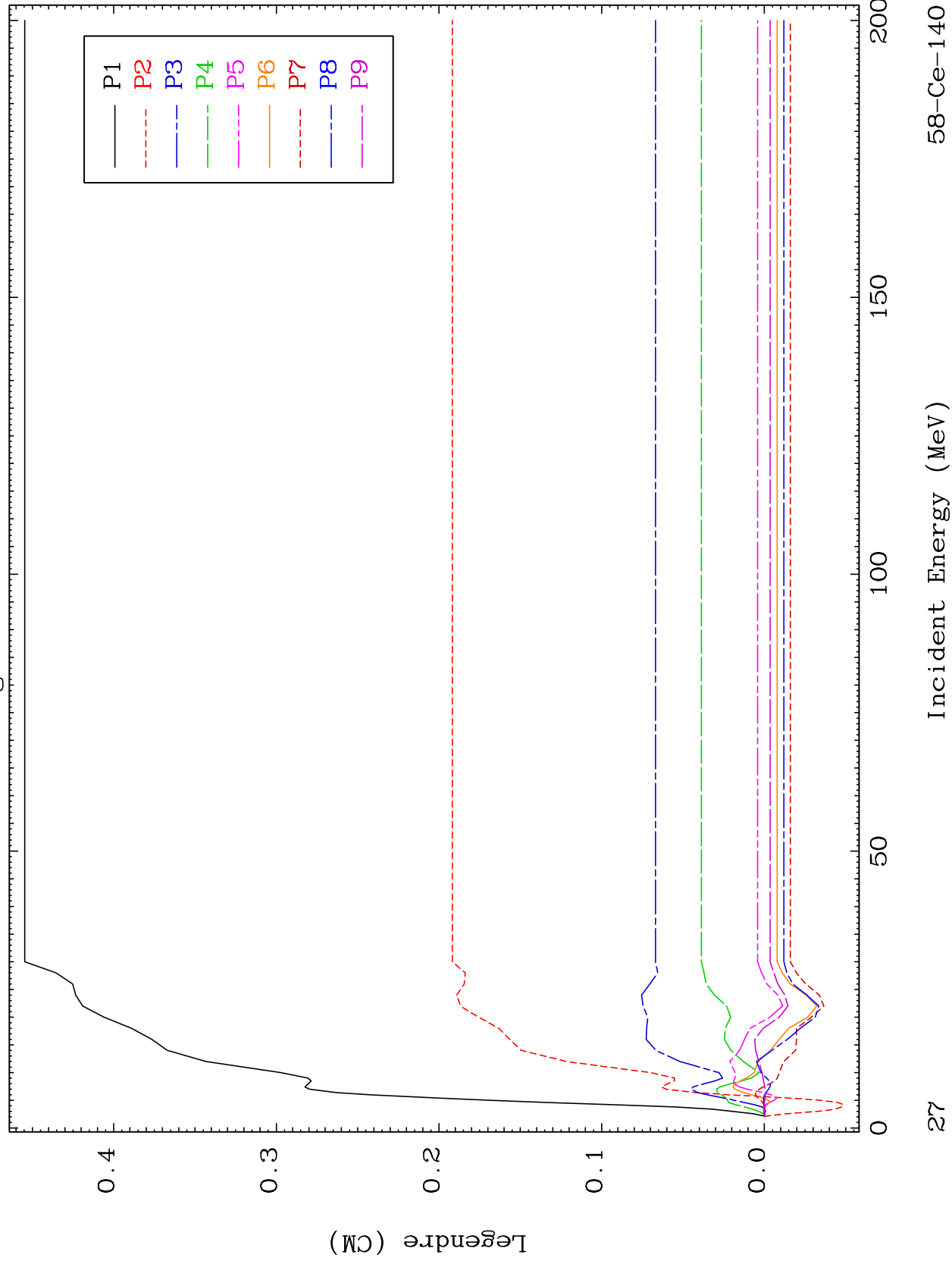


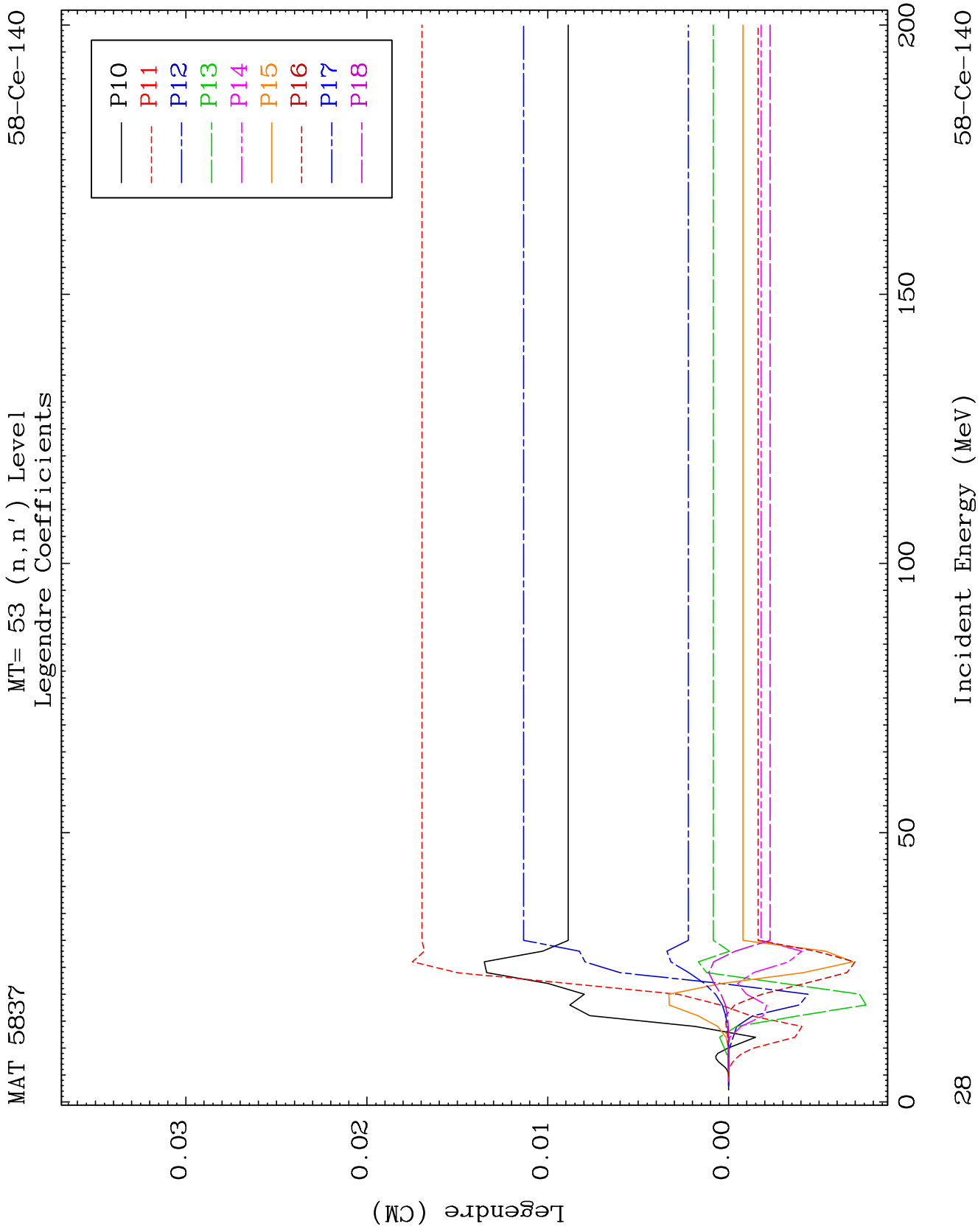


MAT 5837

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

58-Ce-140

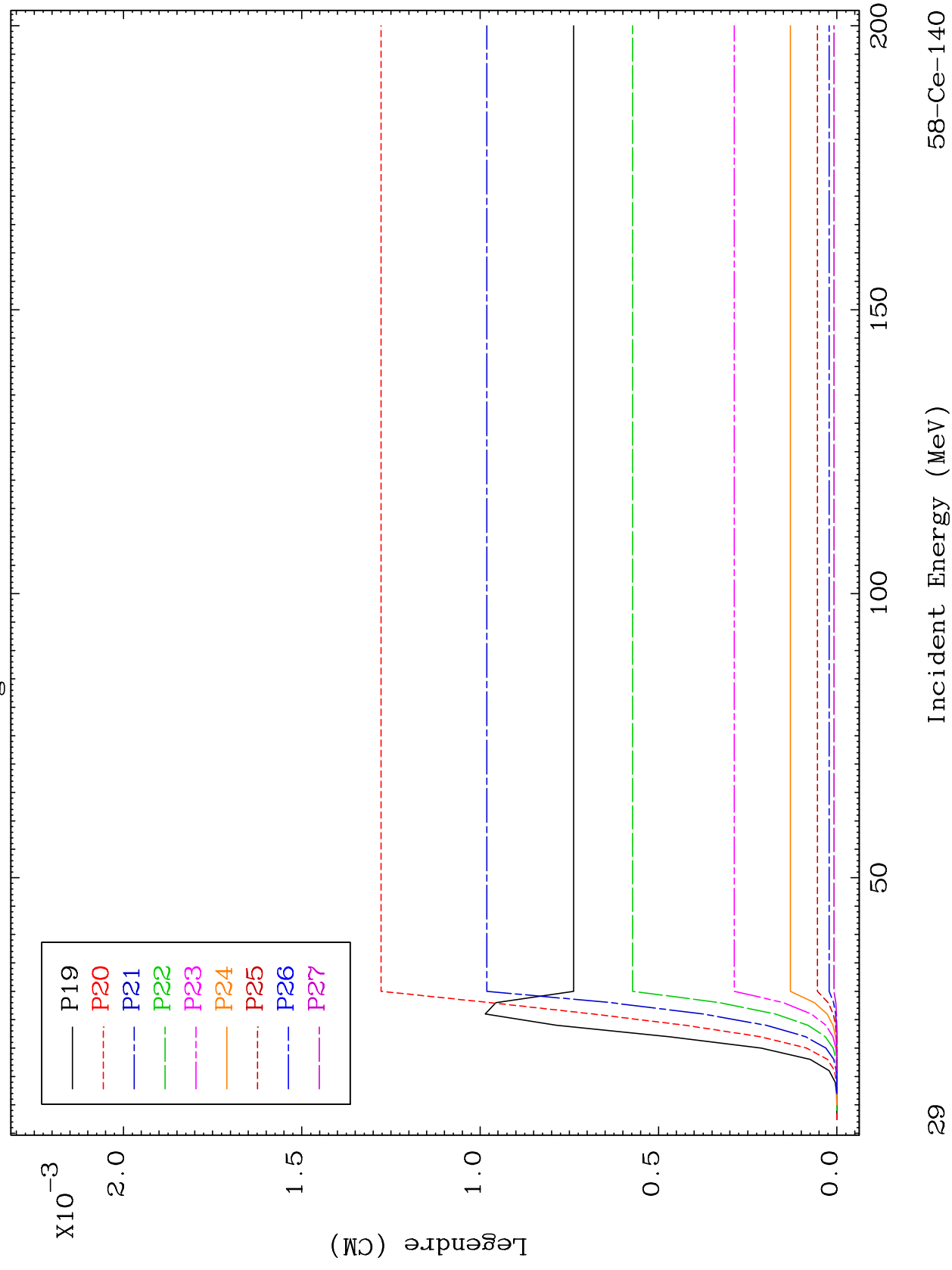


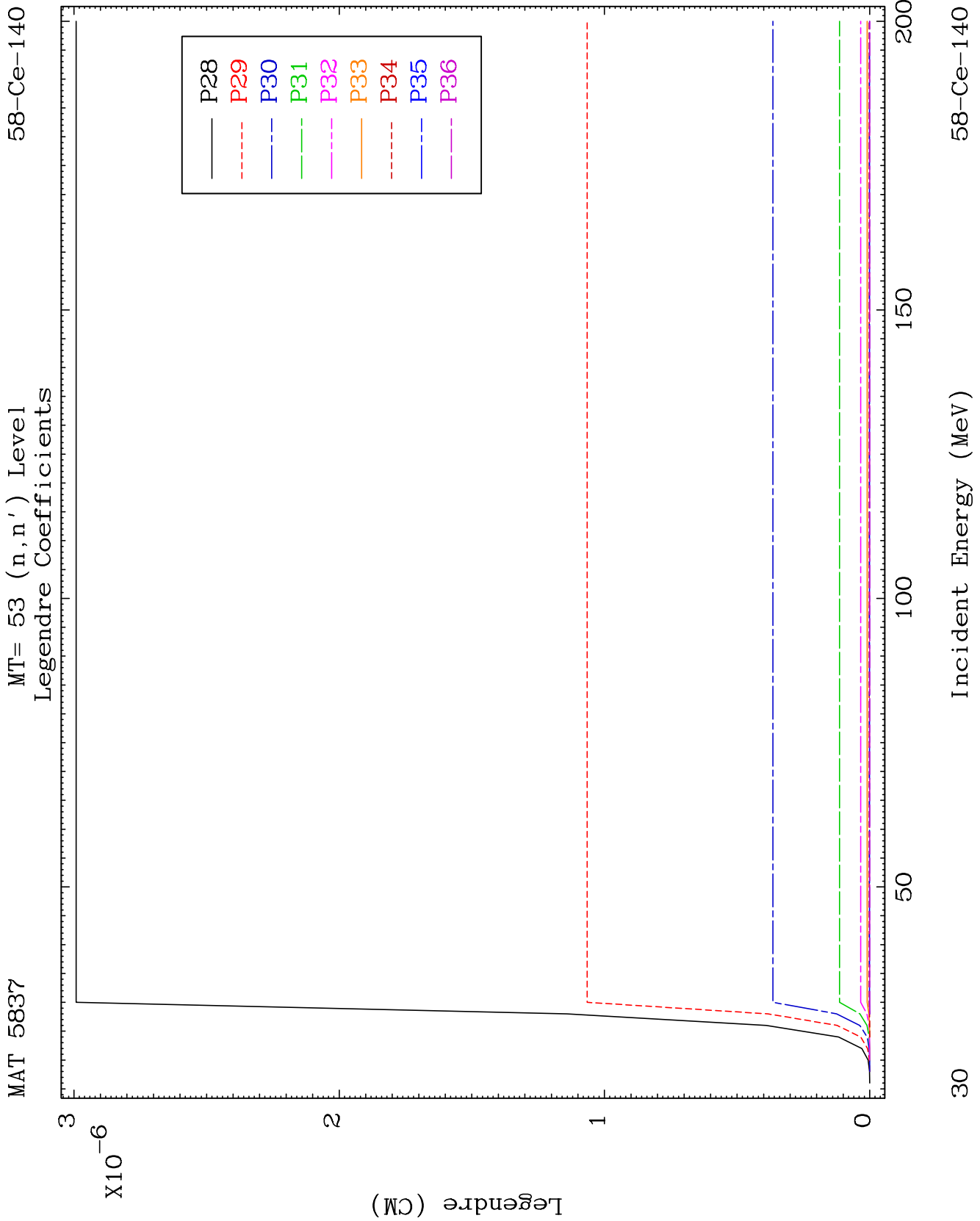


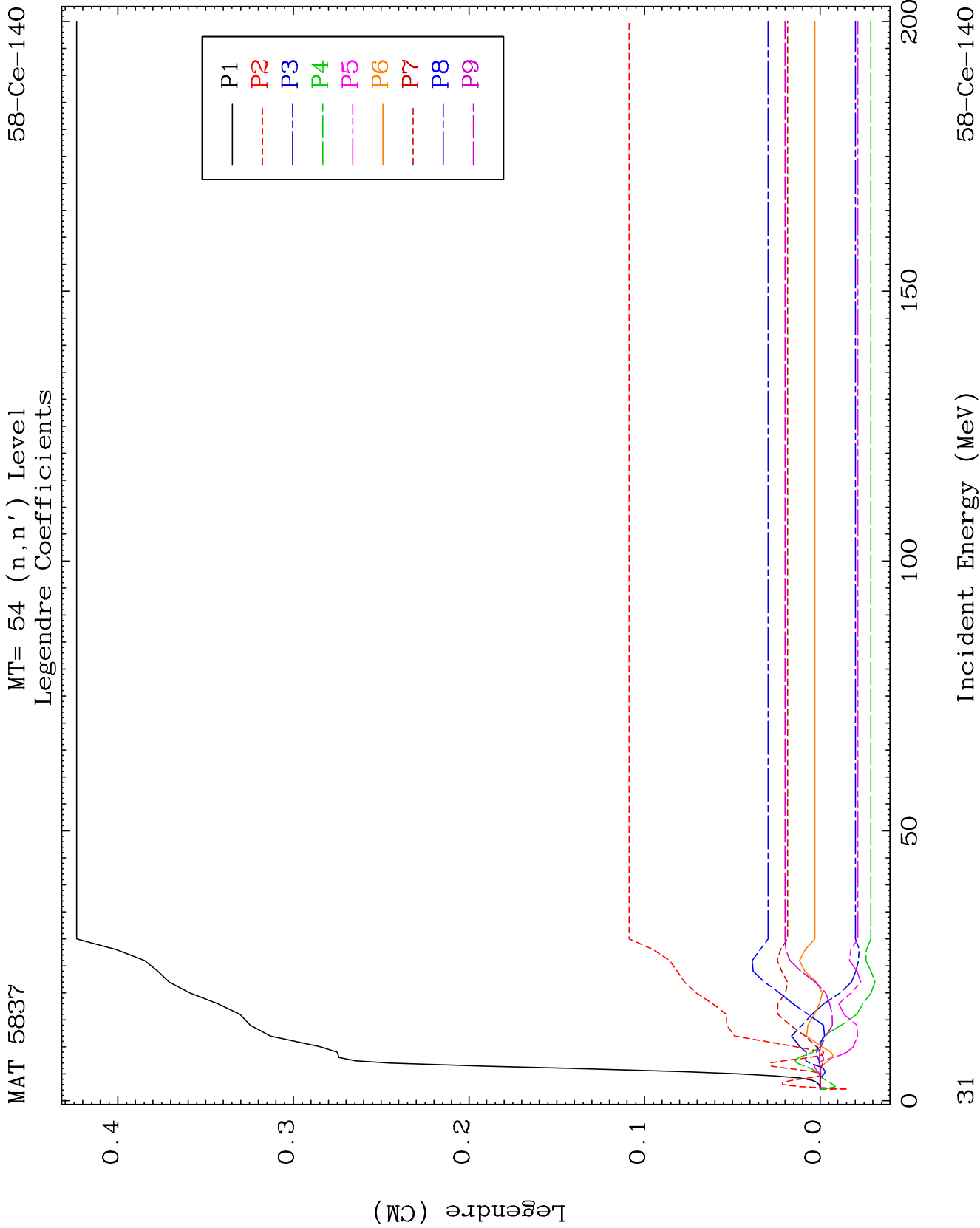
MAT 5837

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

58-Ce-140



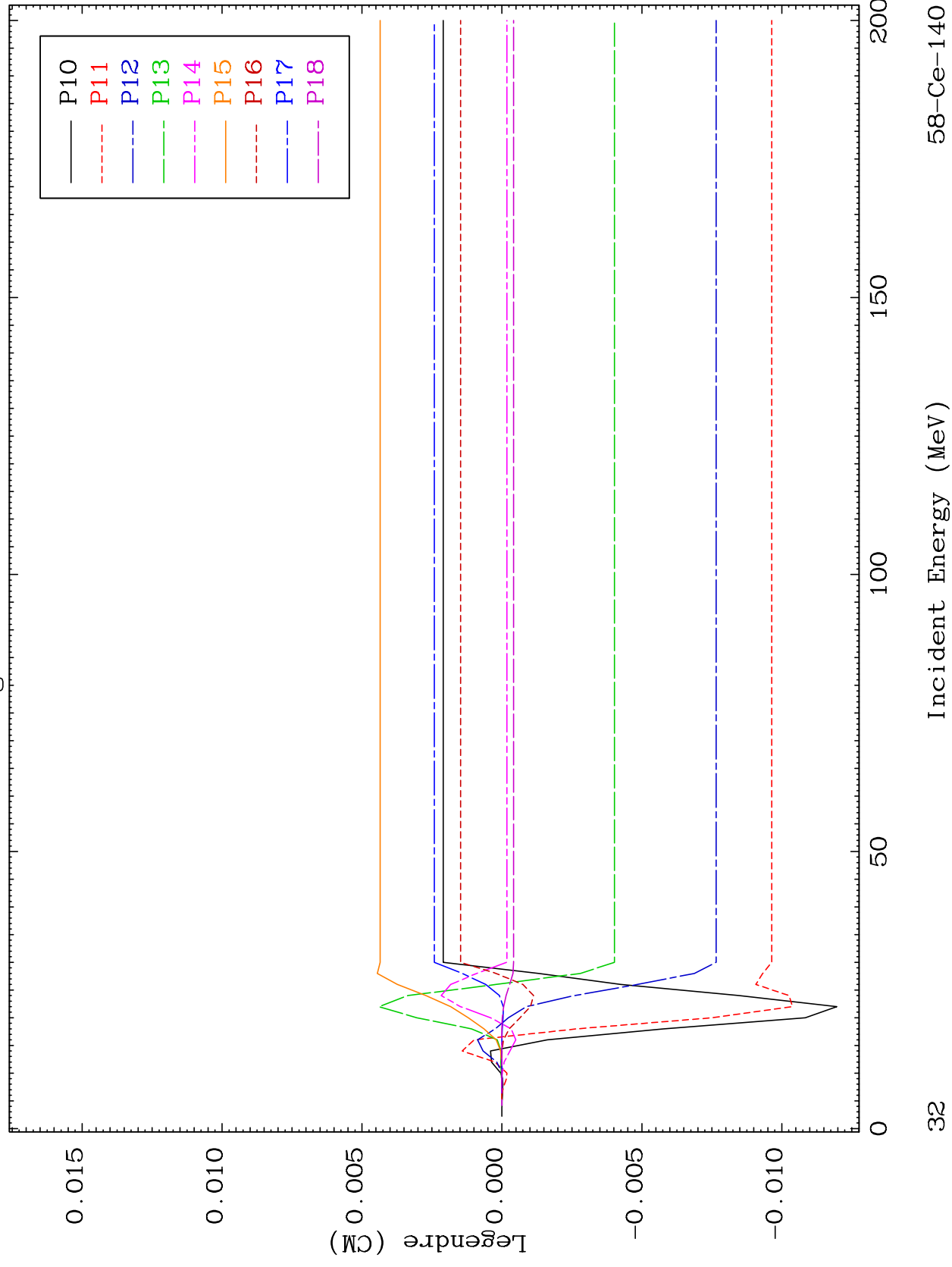


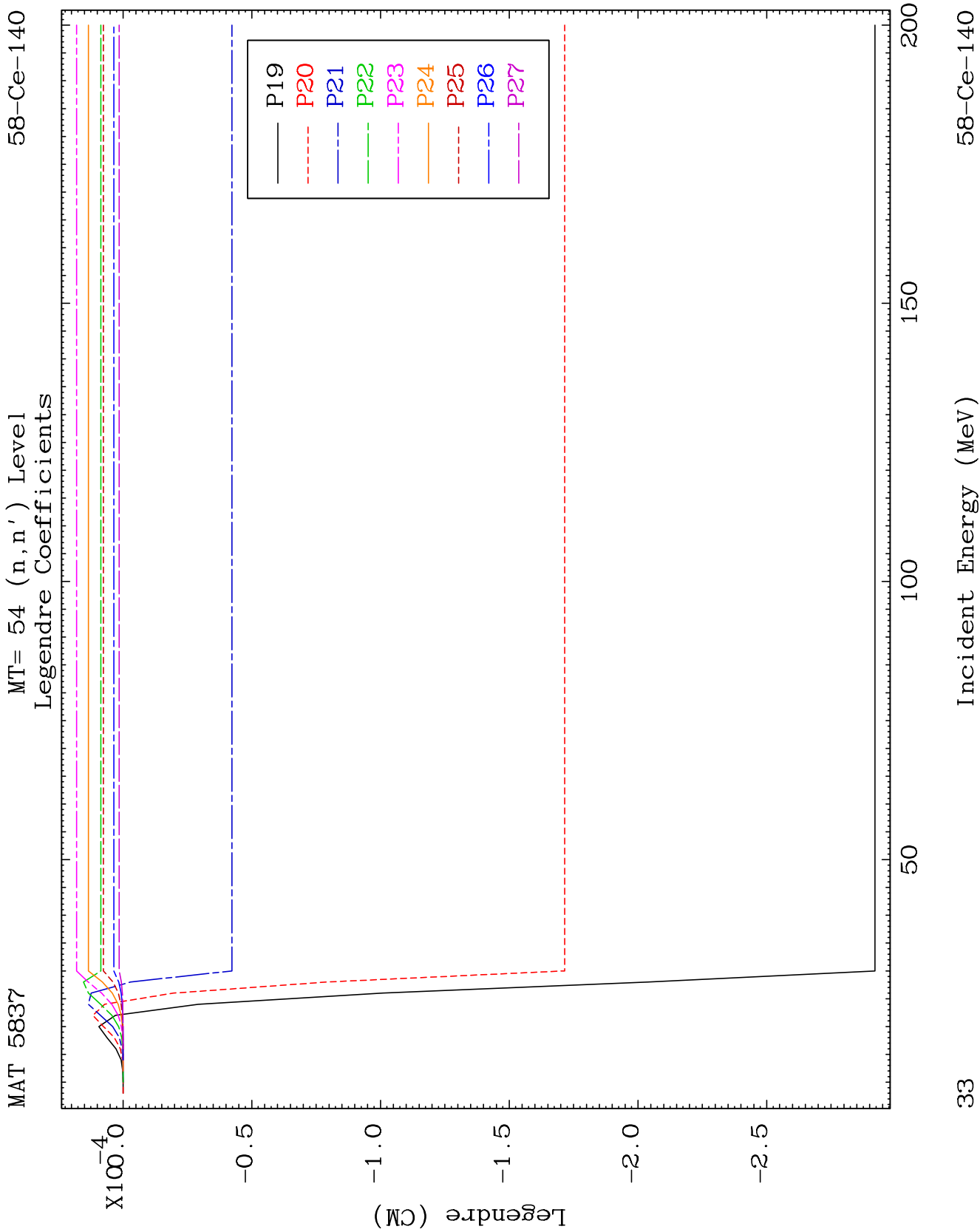


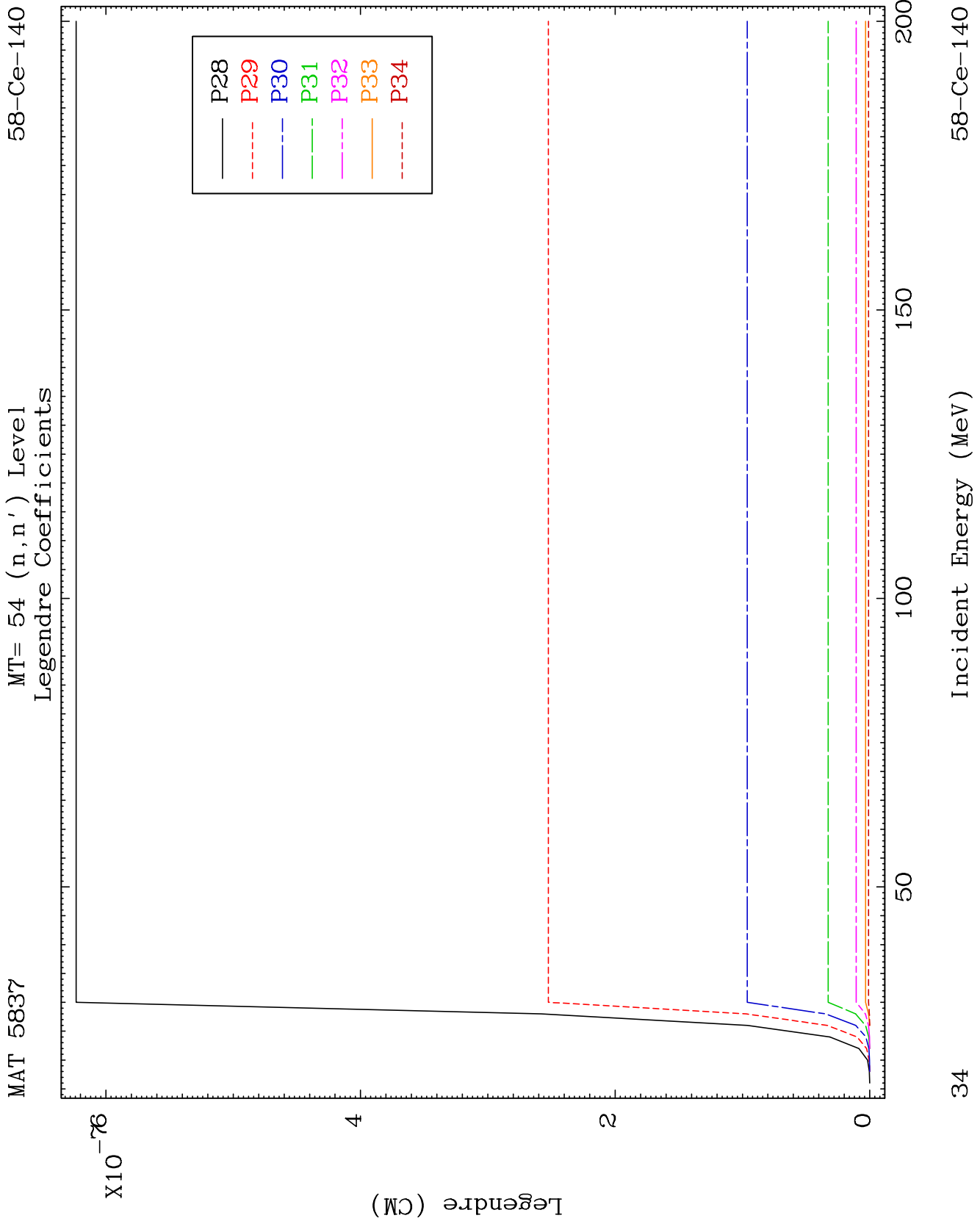
MAT 5837

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

58-Ce-140



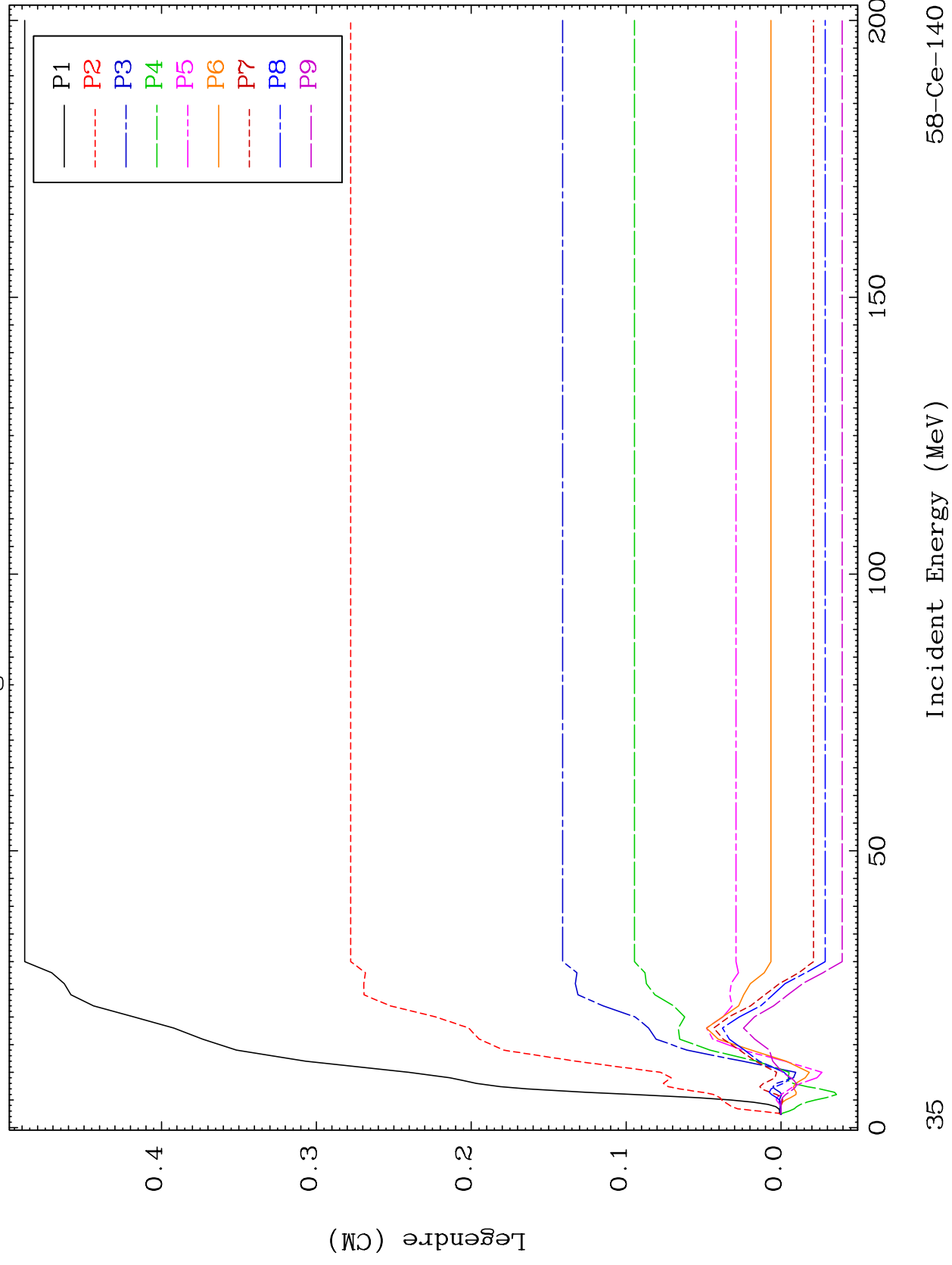




MAT 5837

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

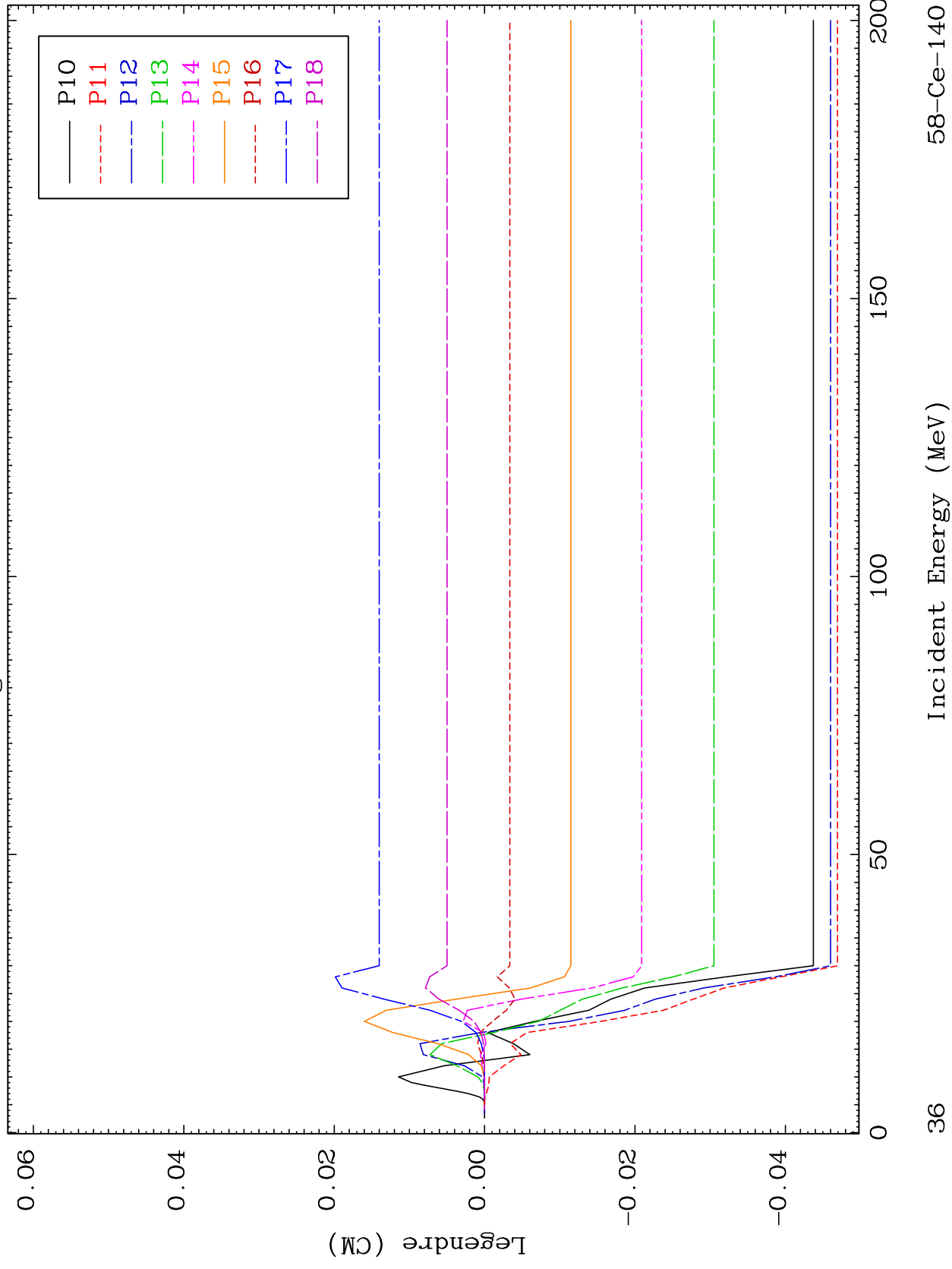
58-Ce-140

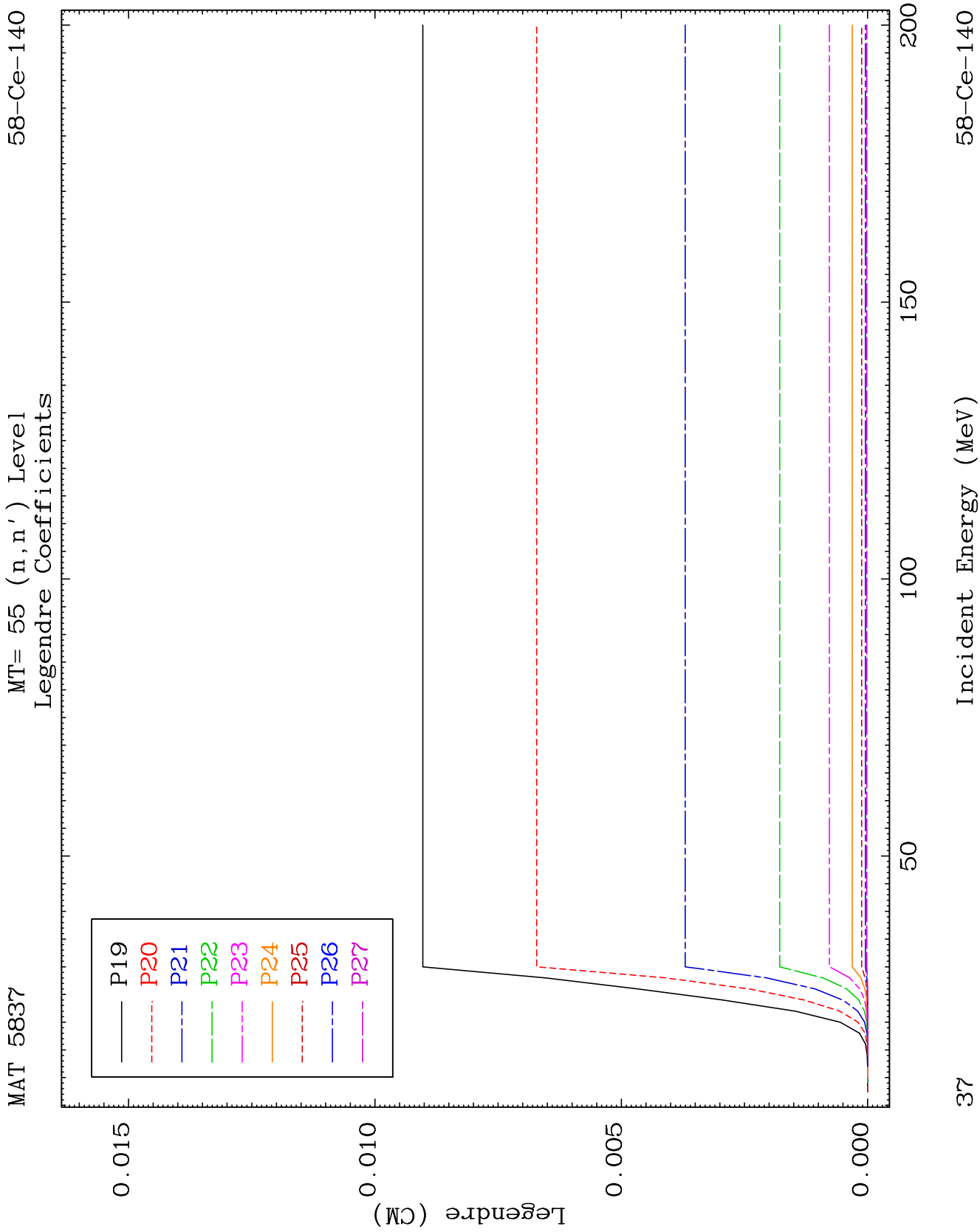


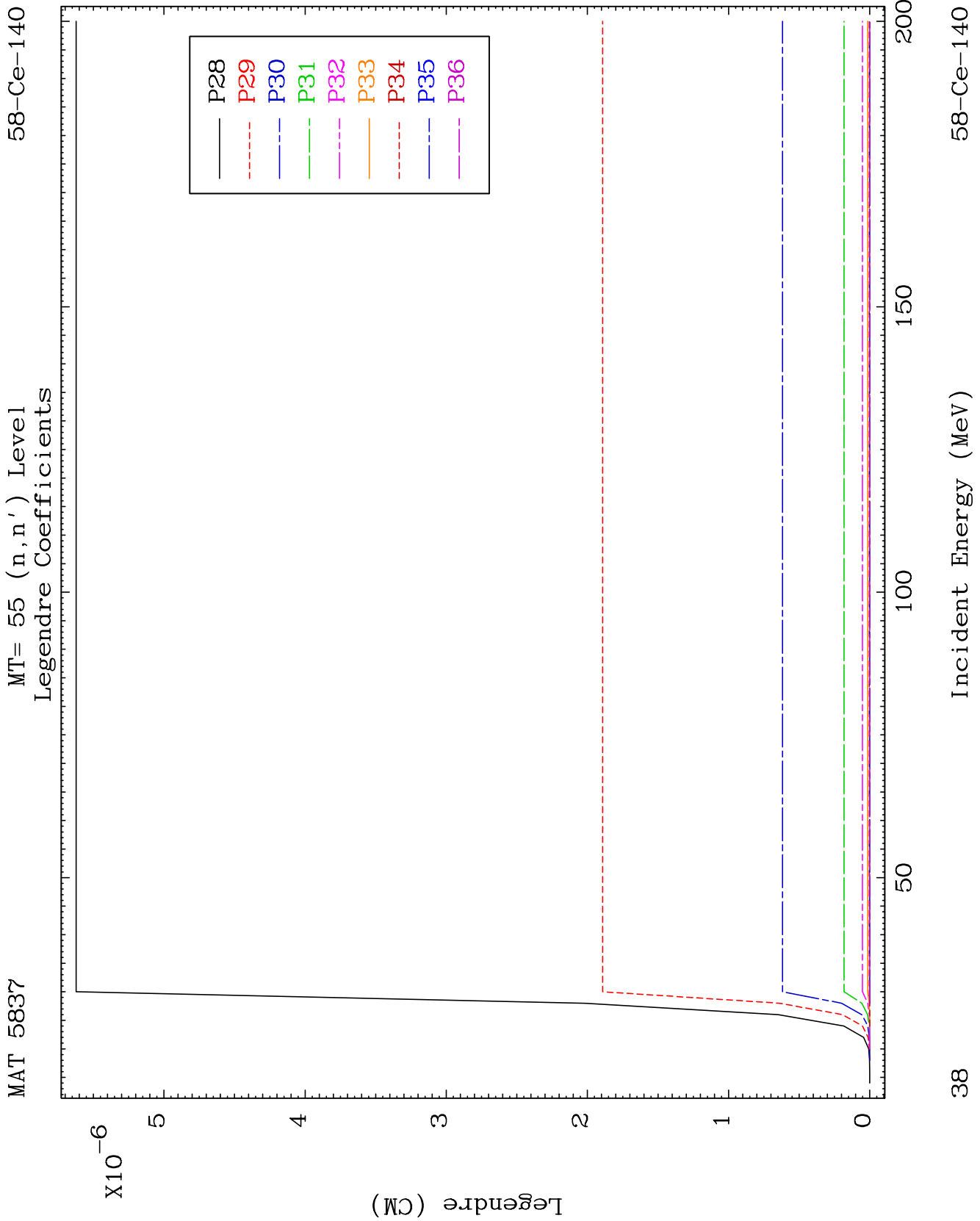
MAT 5837

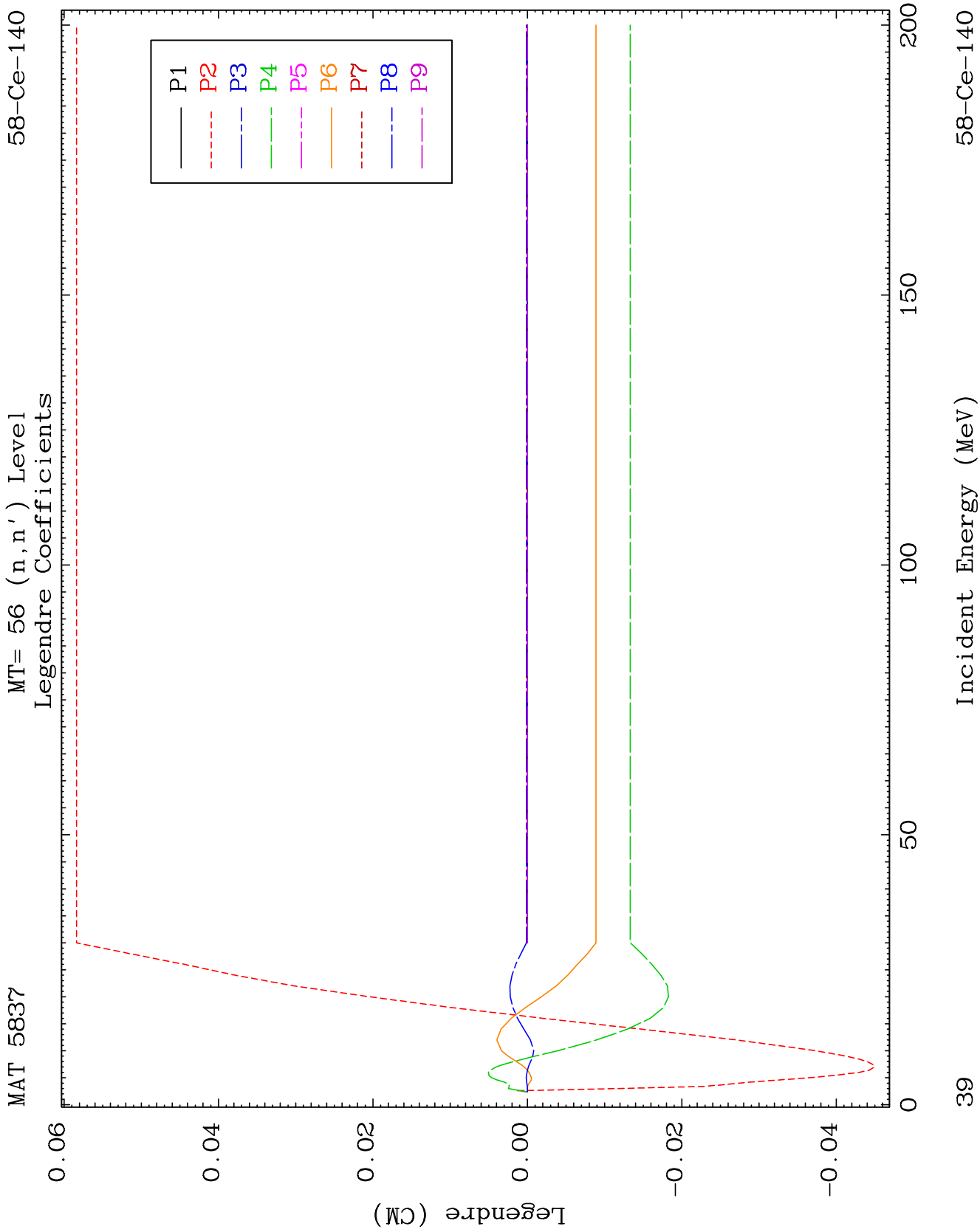
MT= 55 (n, n') Level
Legendre Coefficients

58-Ce-140





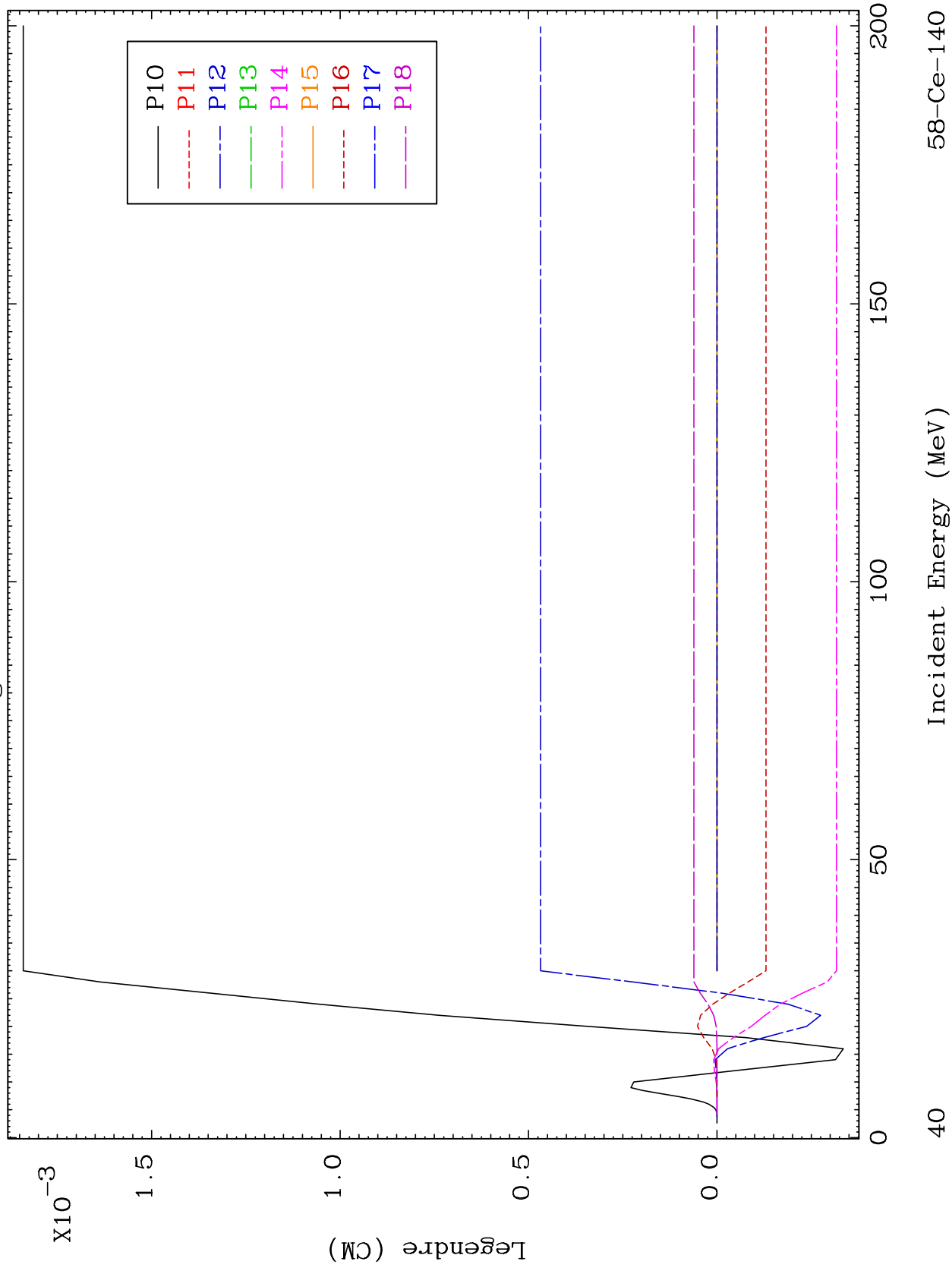


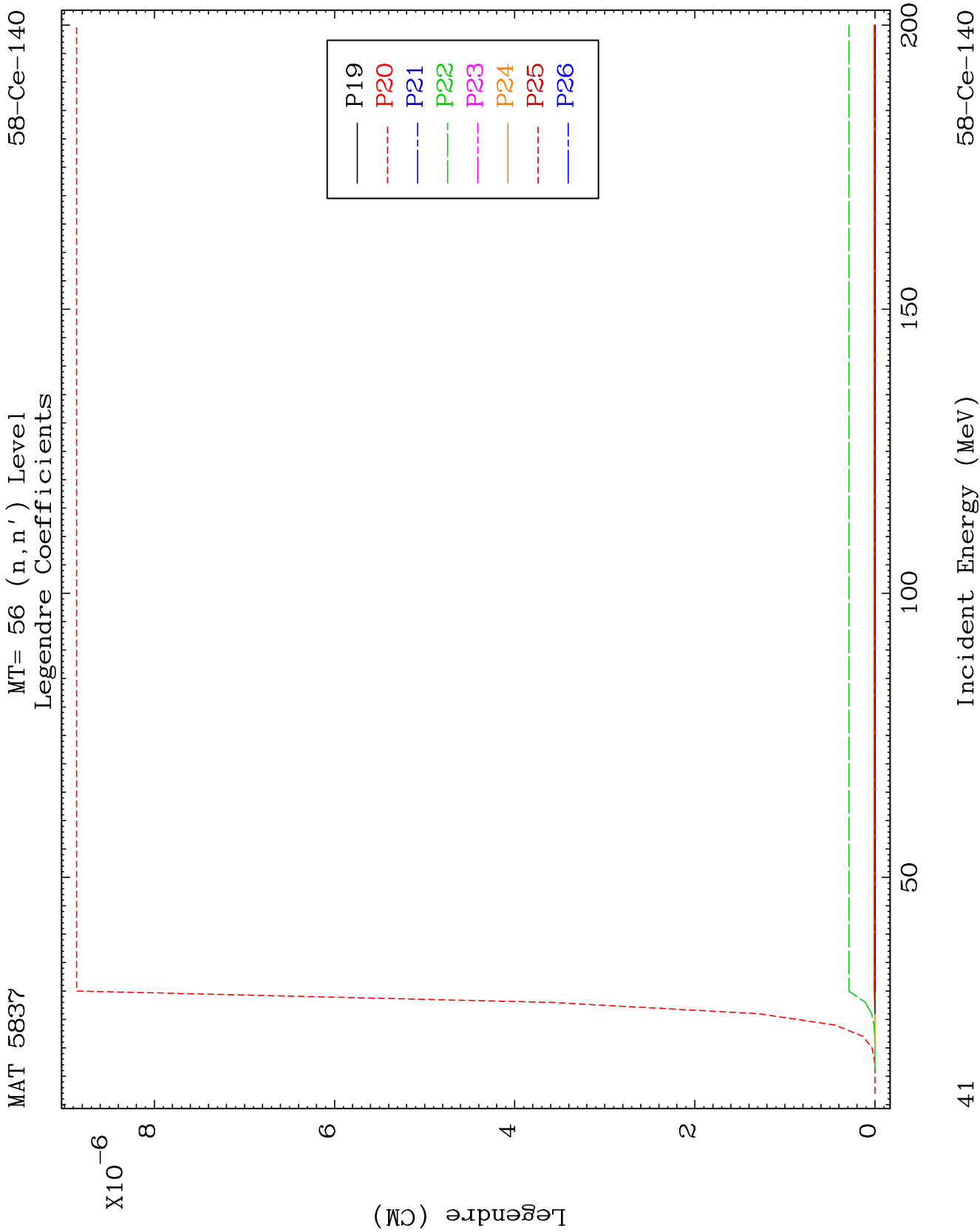


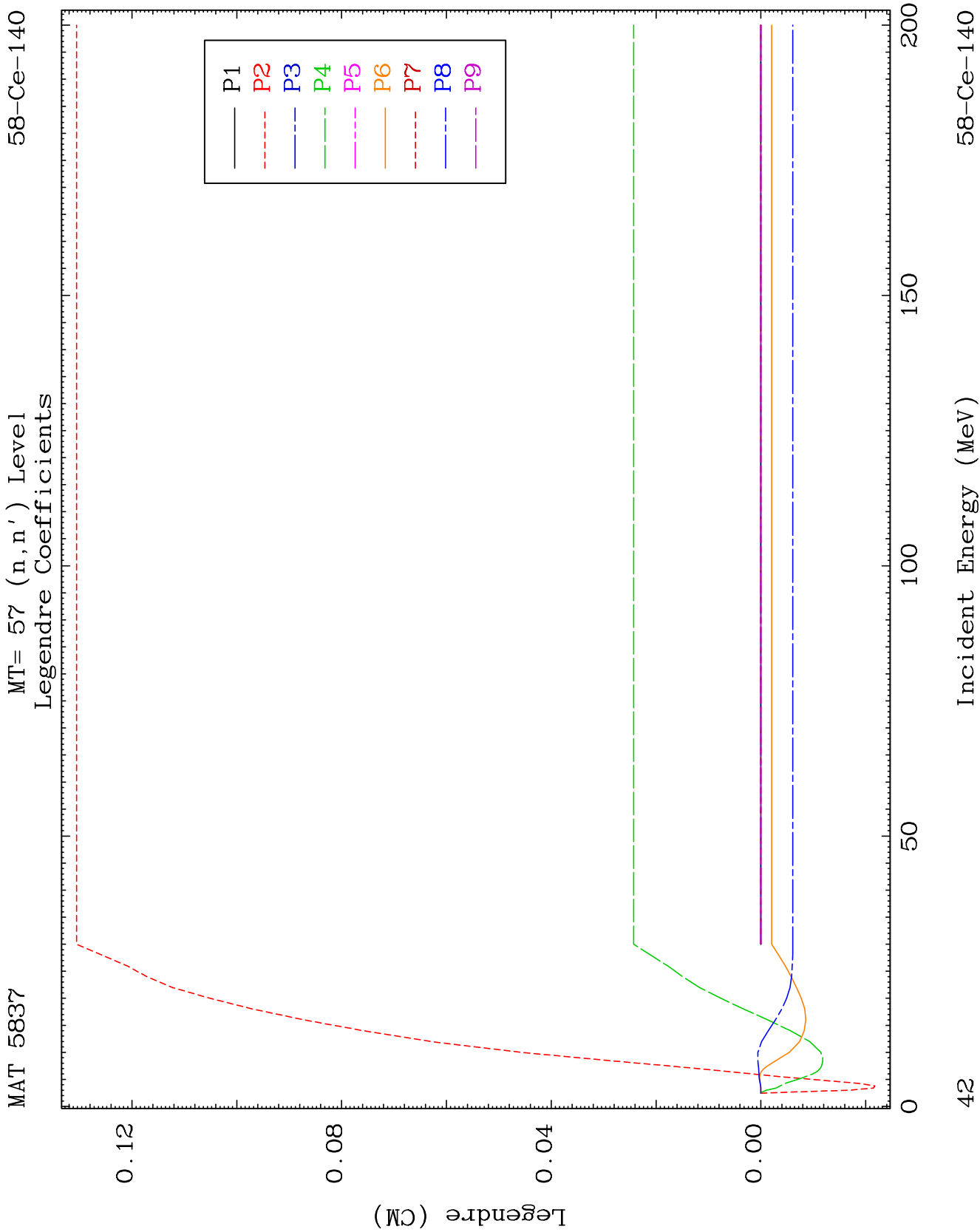
MAT 5837

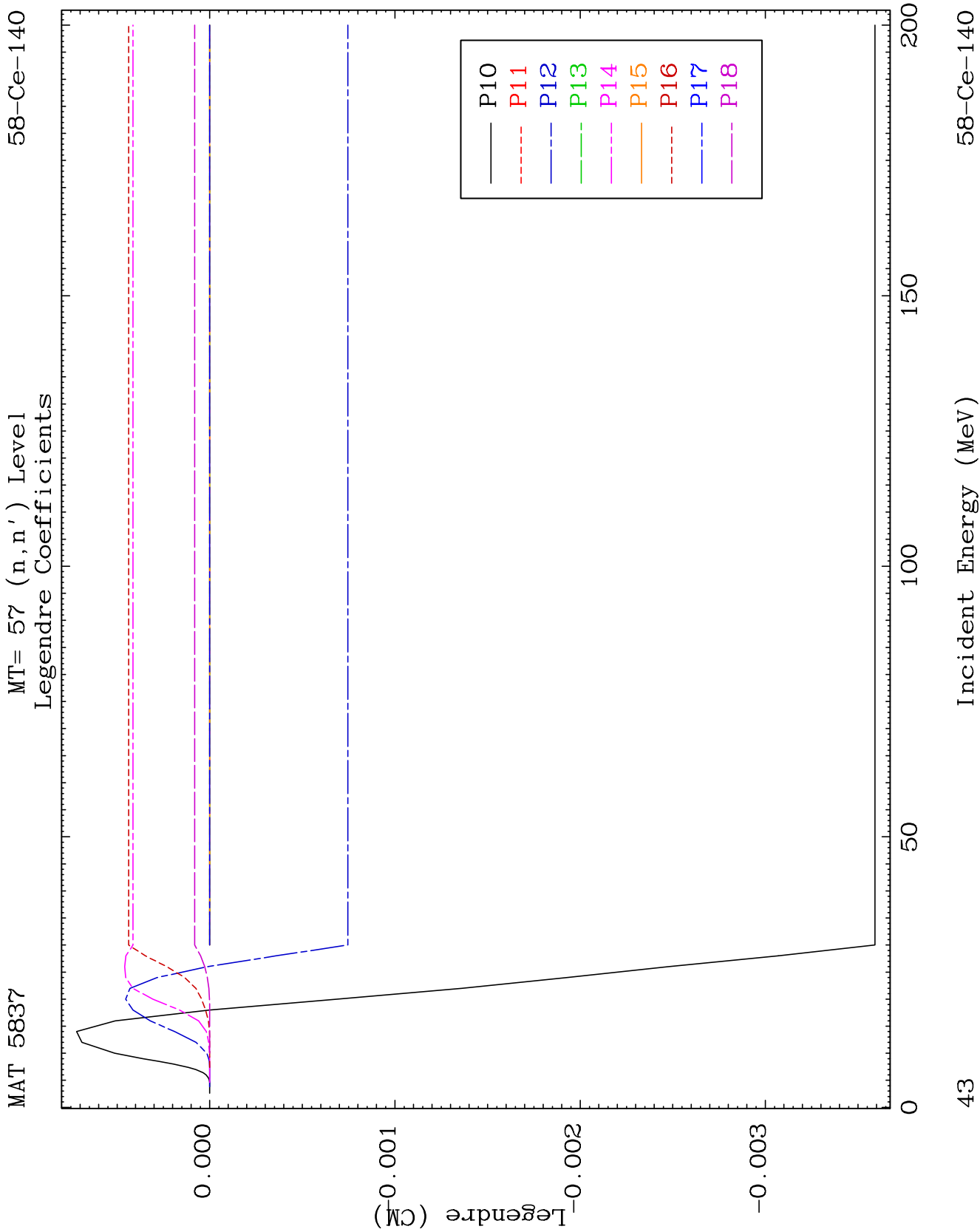
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Legendre Coefficients

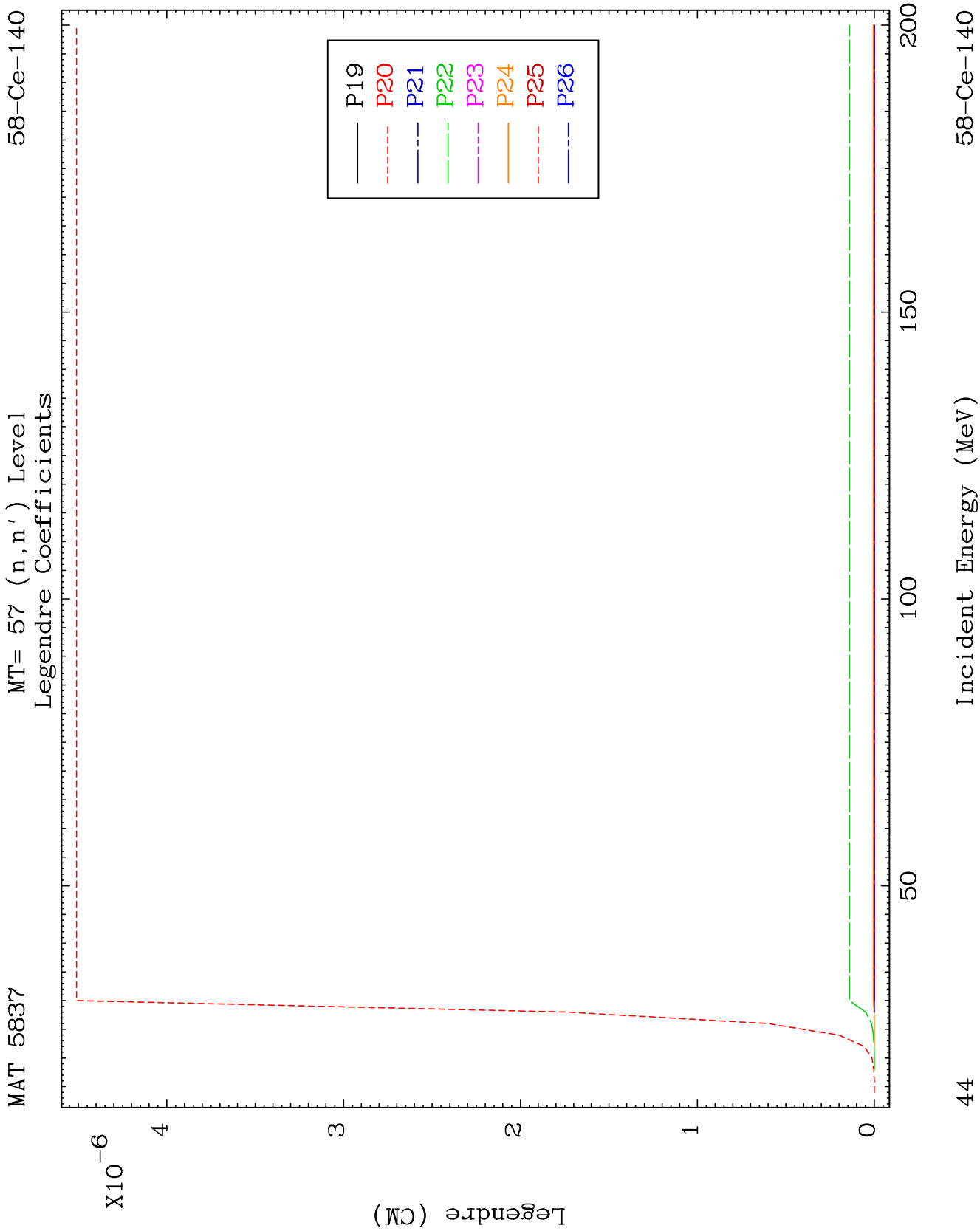
58-Ce-140







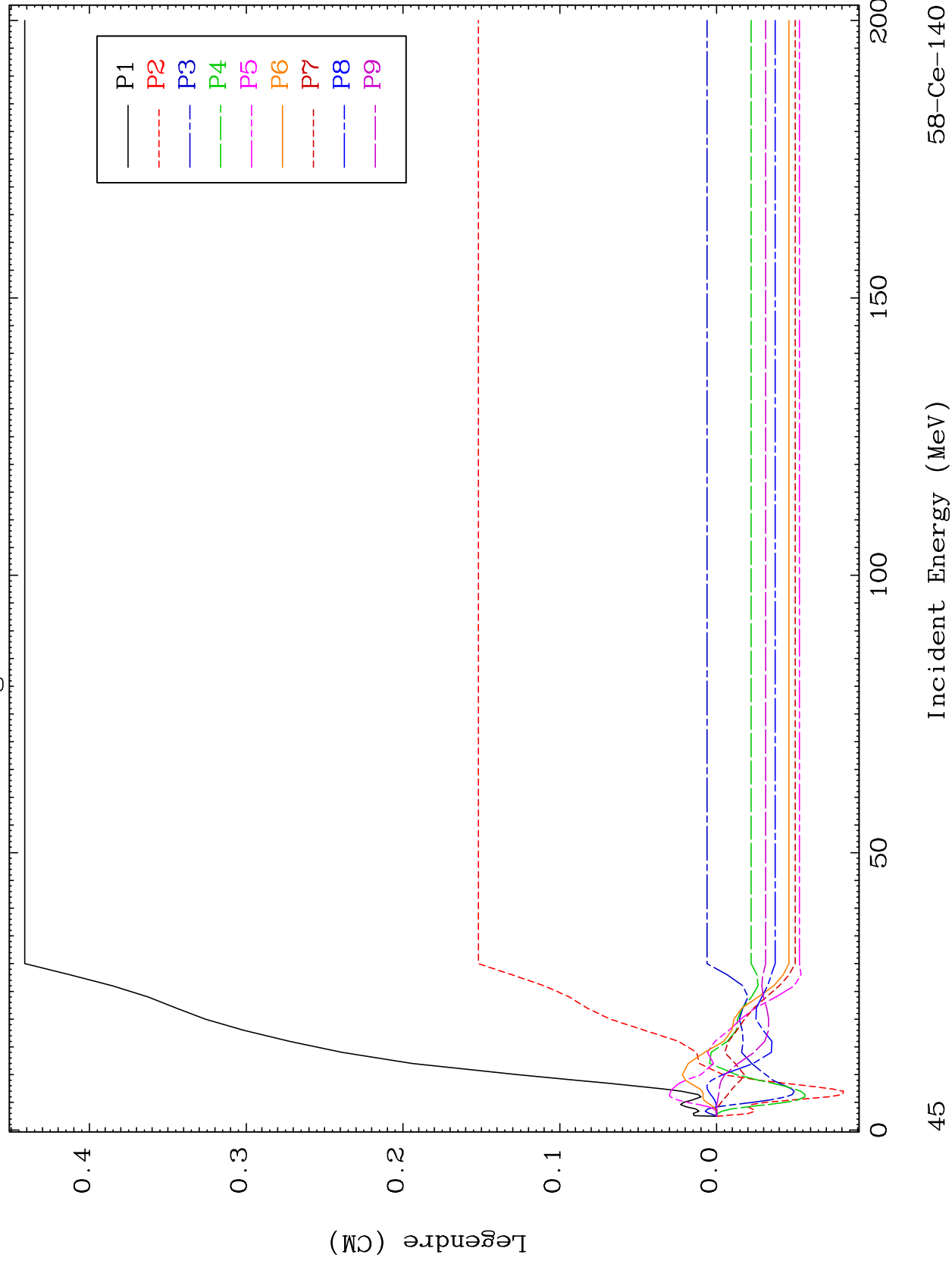


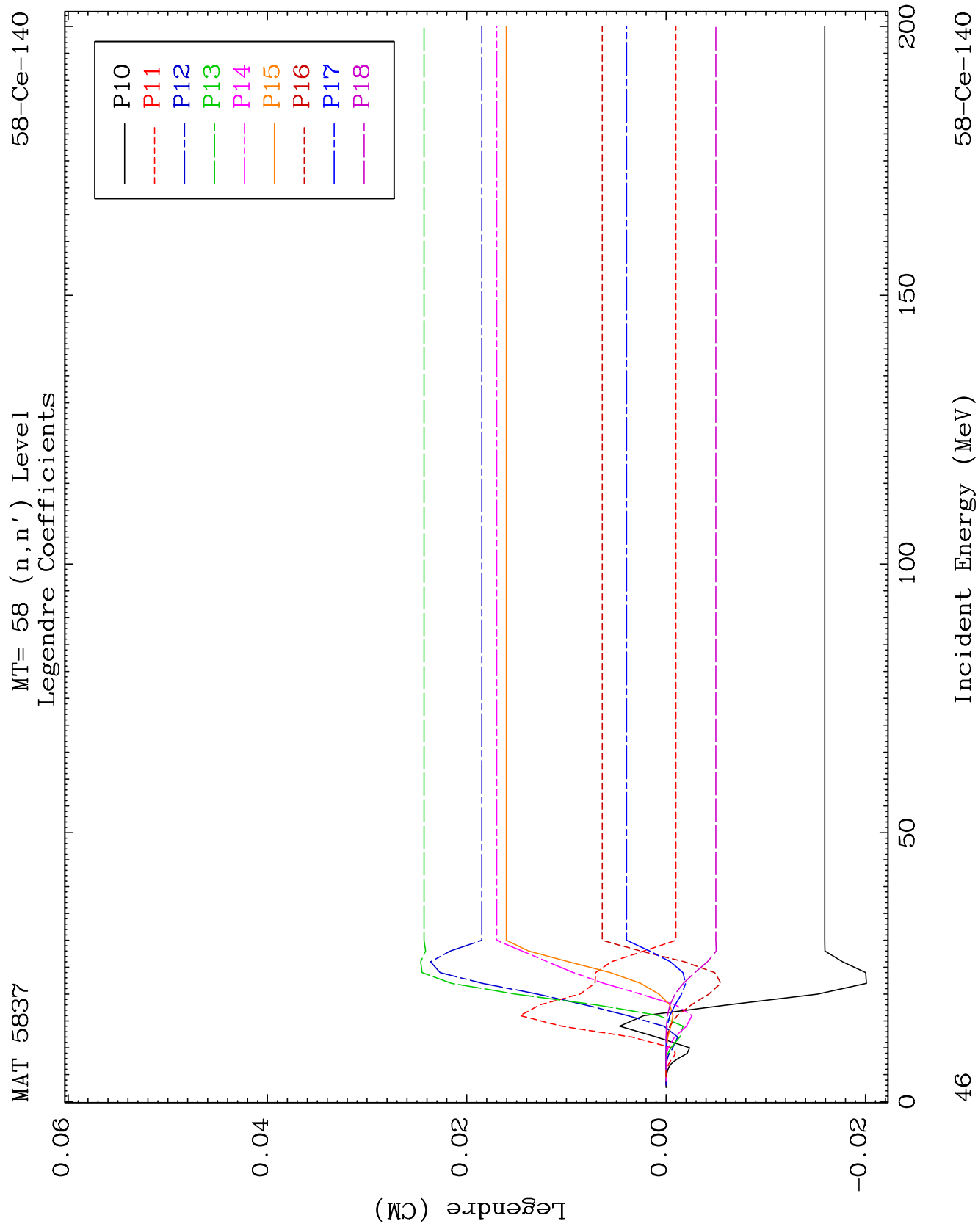


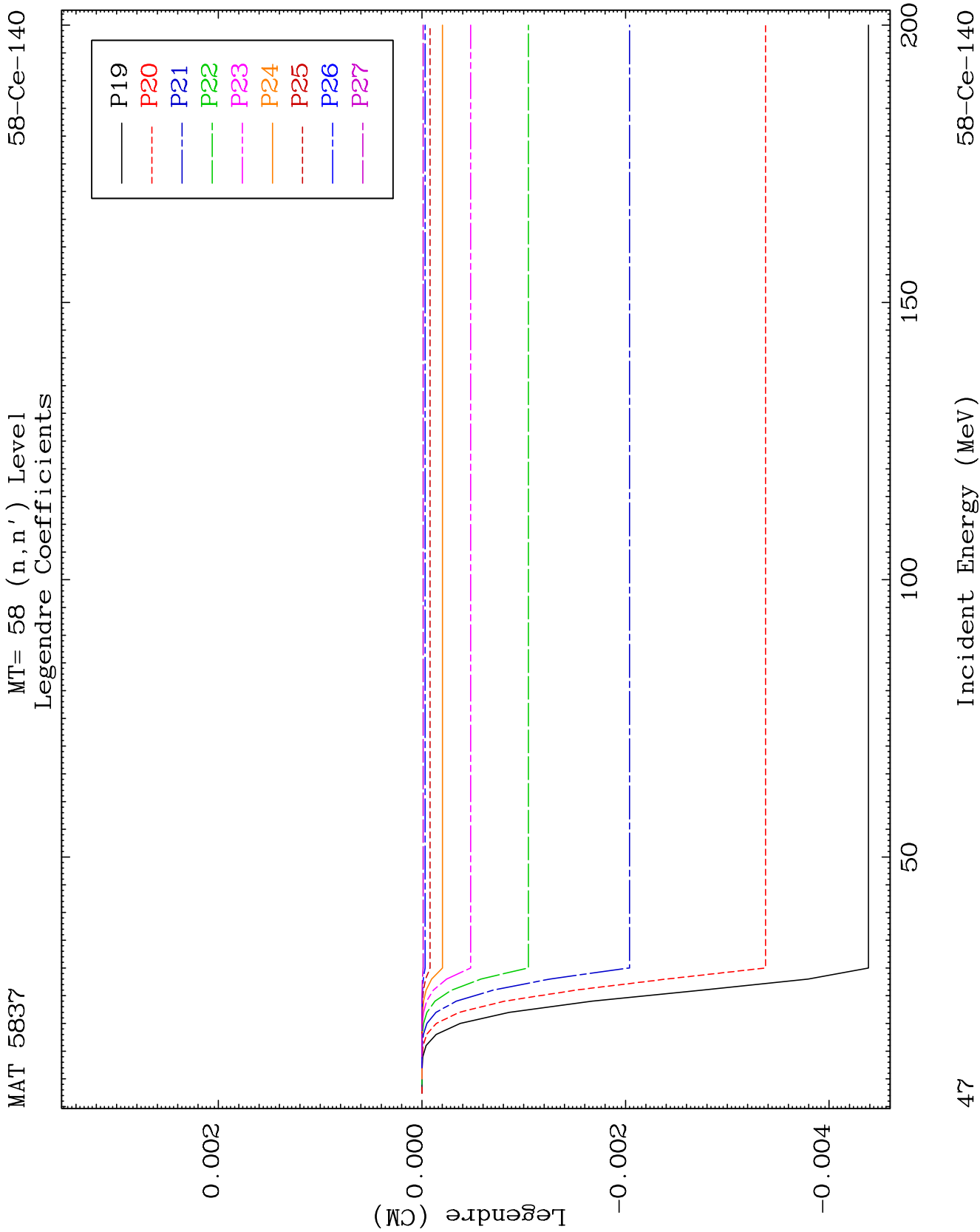
MAT 5837

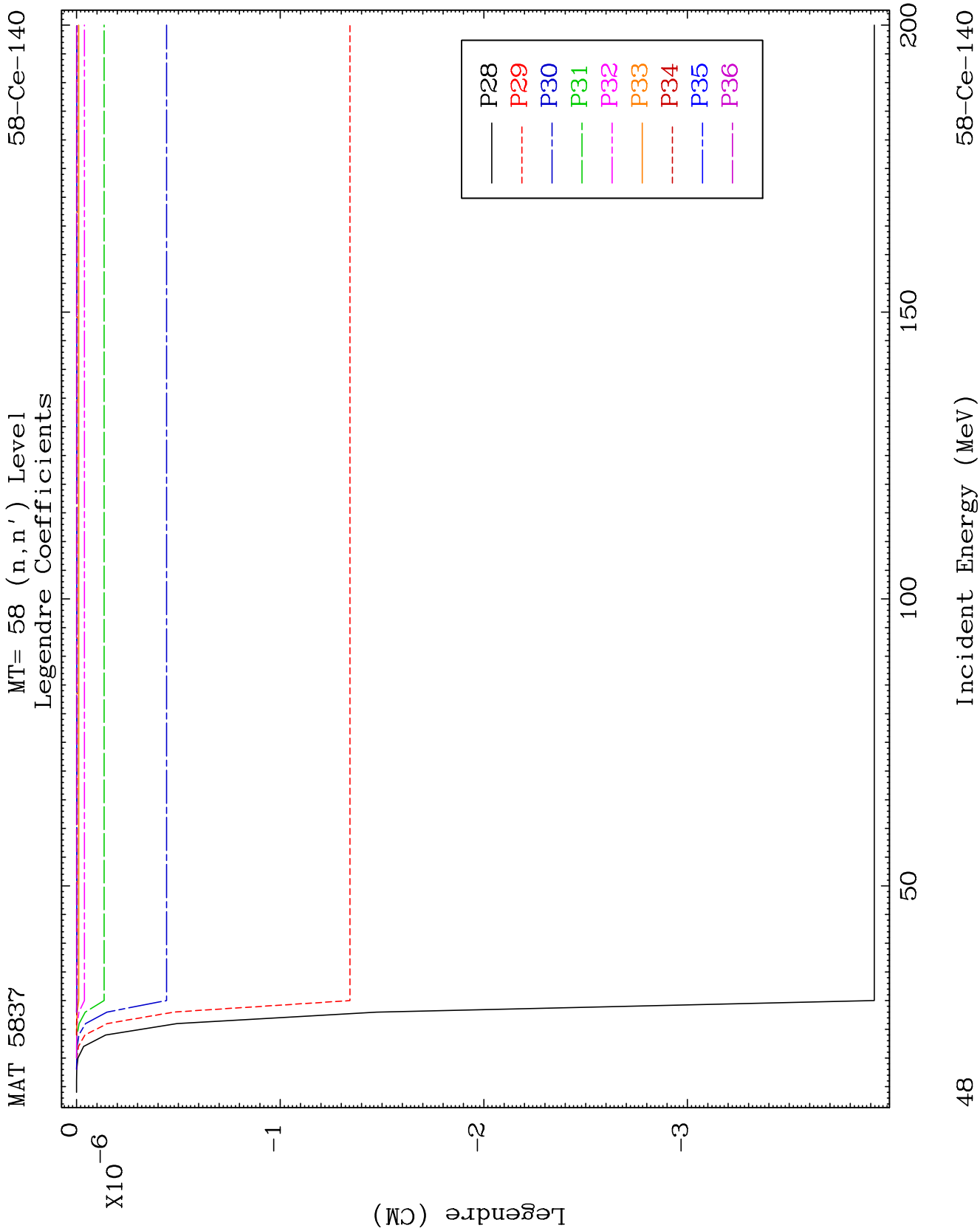
MT= 58 (n, n') Level
Legendre Coefficients

58-Ce-140





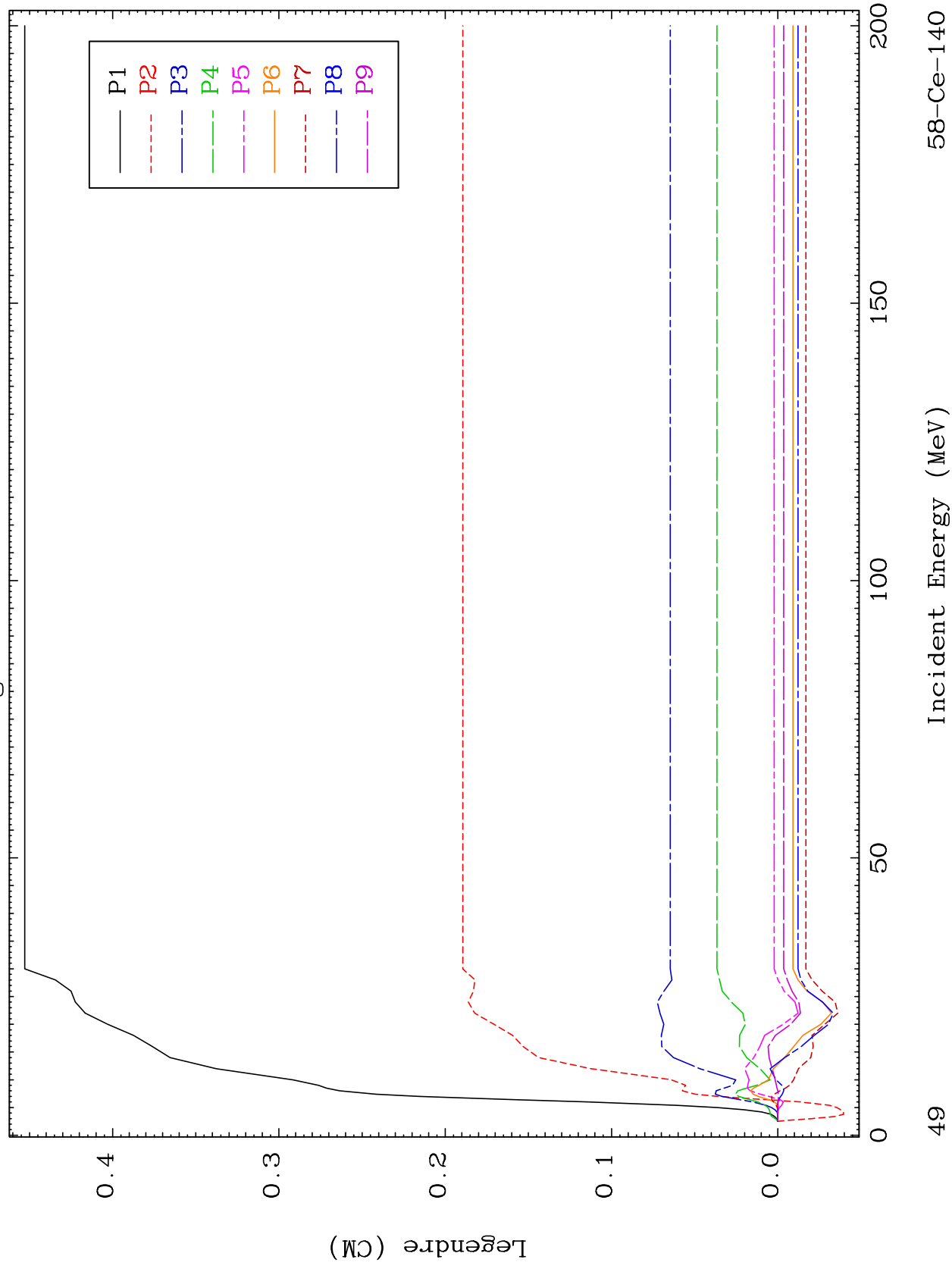




MAT 5837

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

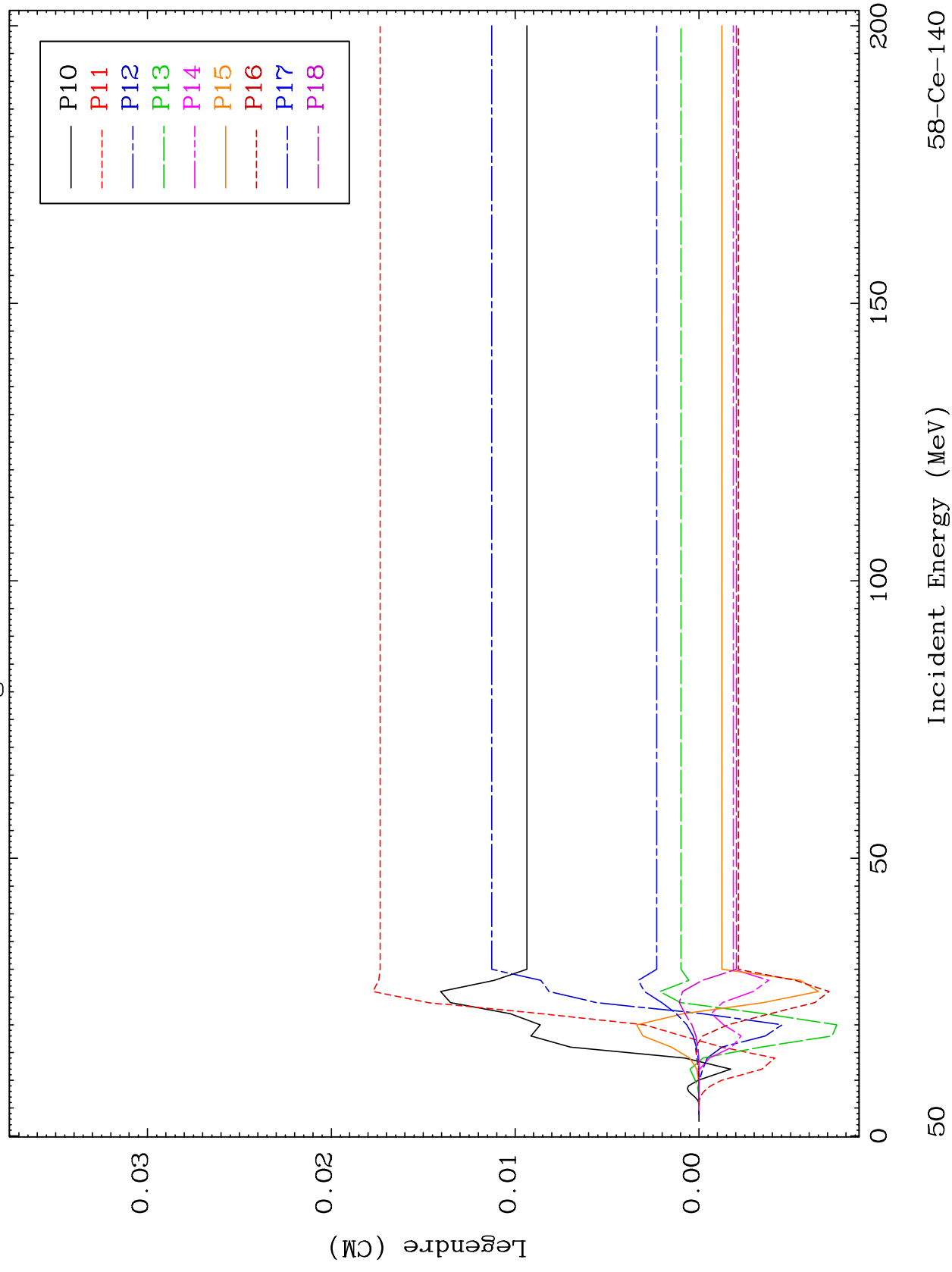
58-Ce-140



MAT 5837

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

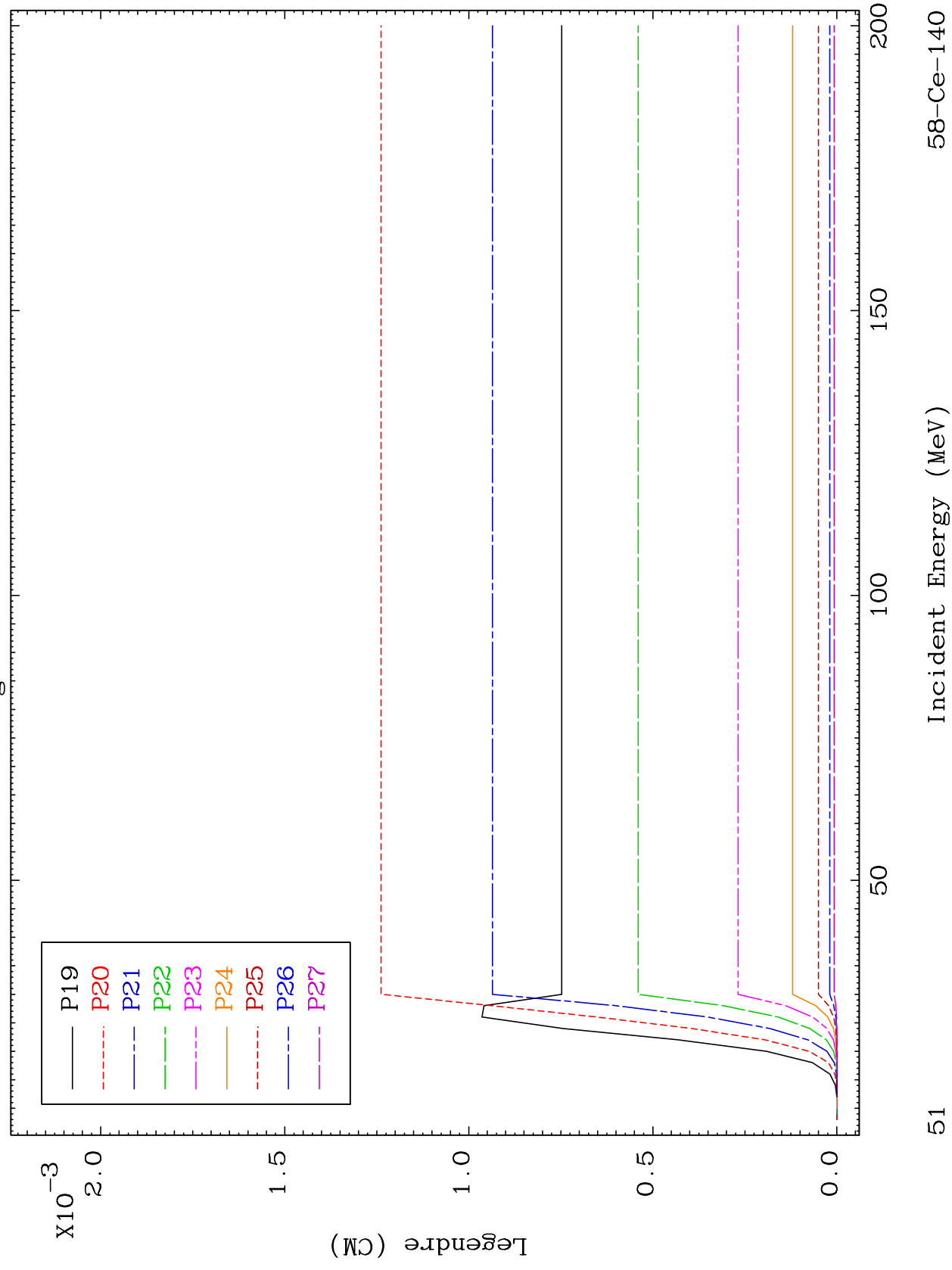
58-Ce-140

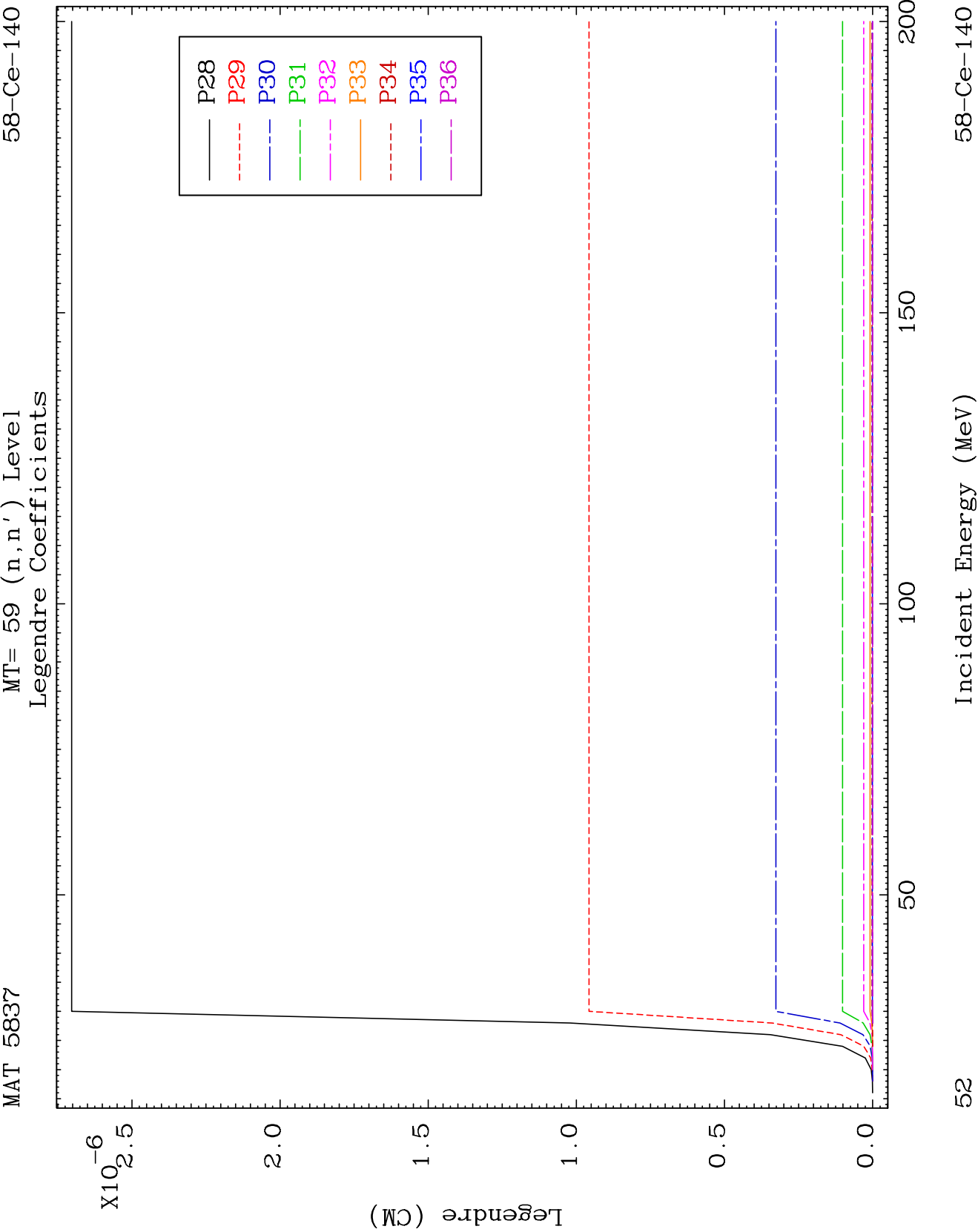


MAT 5837

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

58-Ce-140

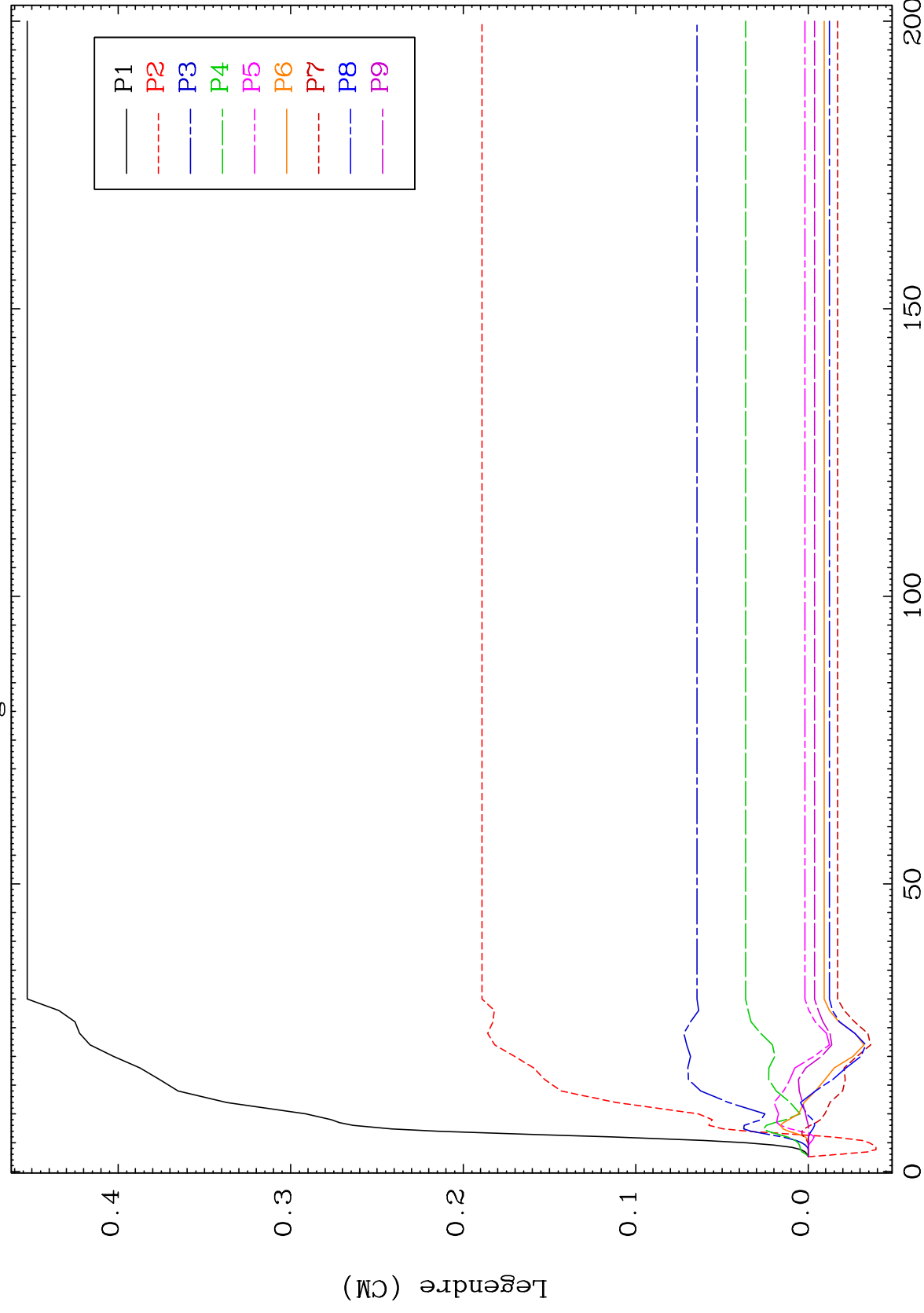




MAT 5837

MT= 60 (n, n') Level
Legendre Coefficients

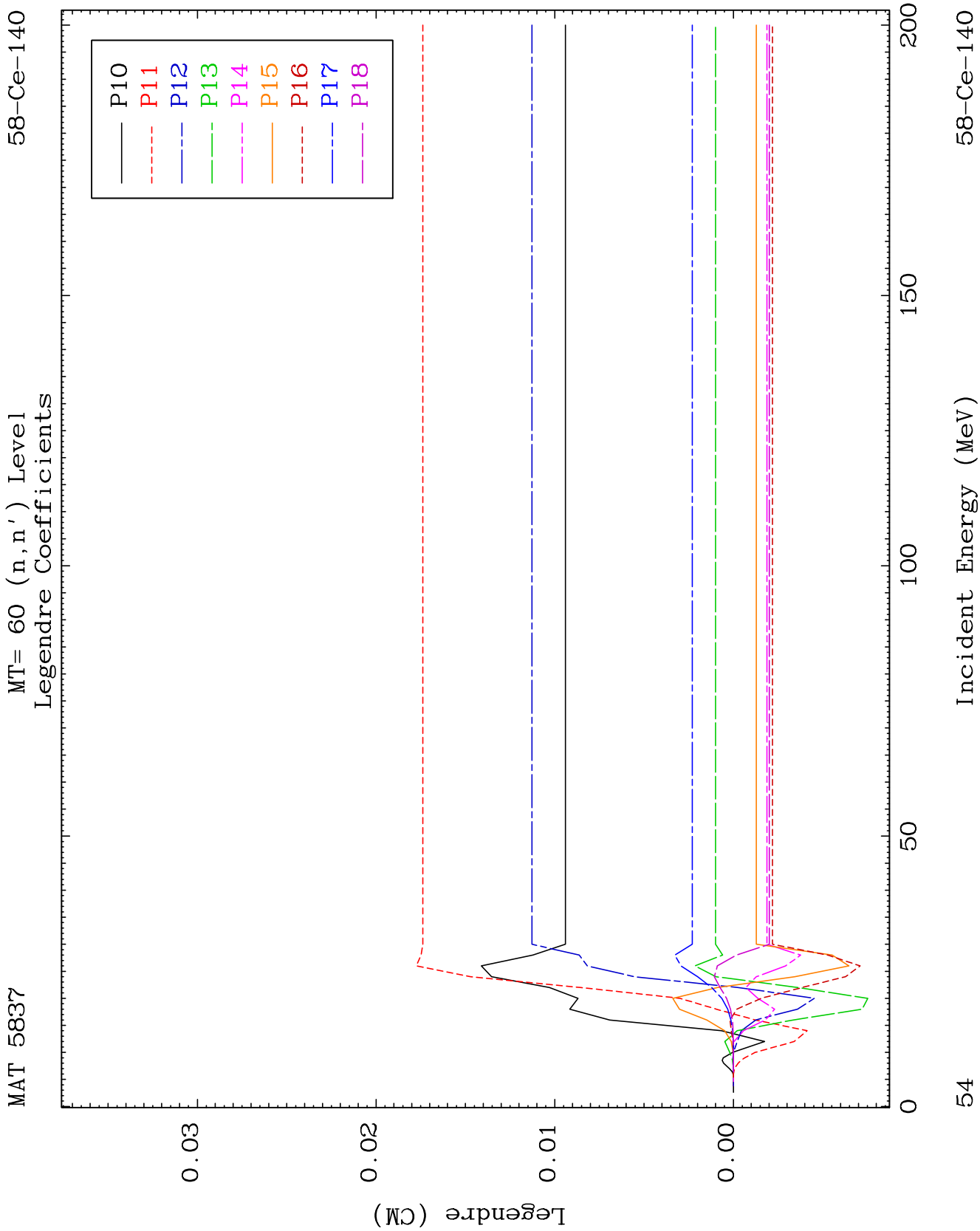
58-Ce-140



53

Incident Energy (MeV)

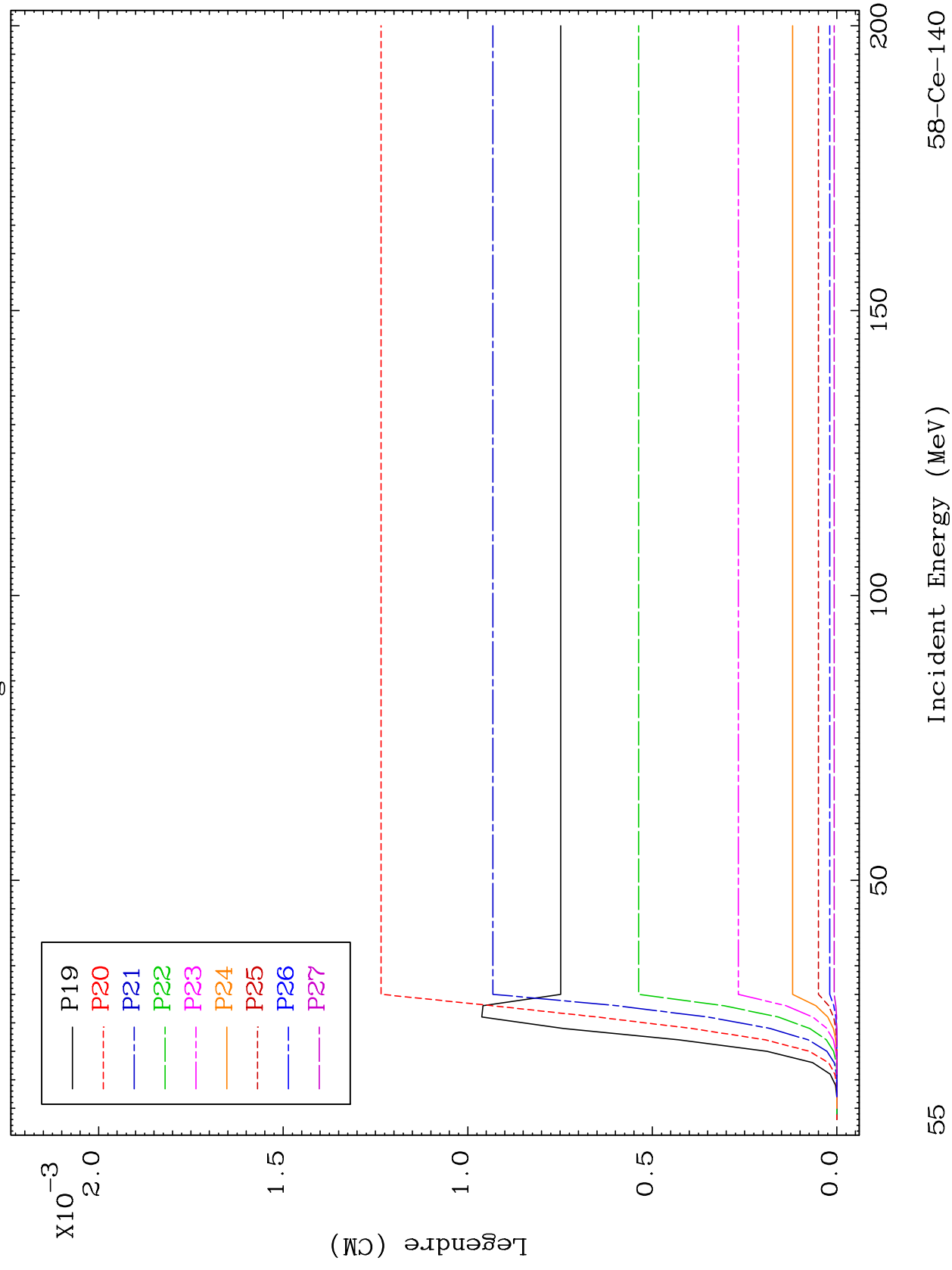
58-Ce-140

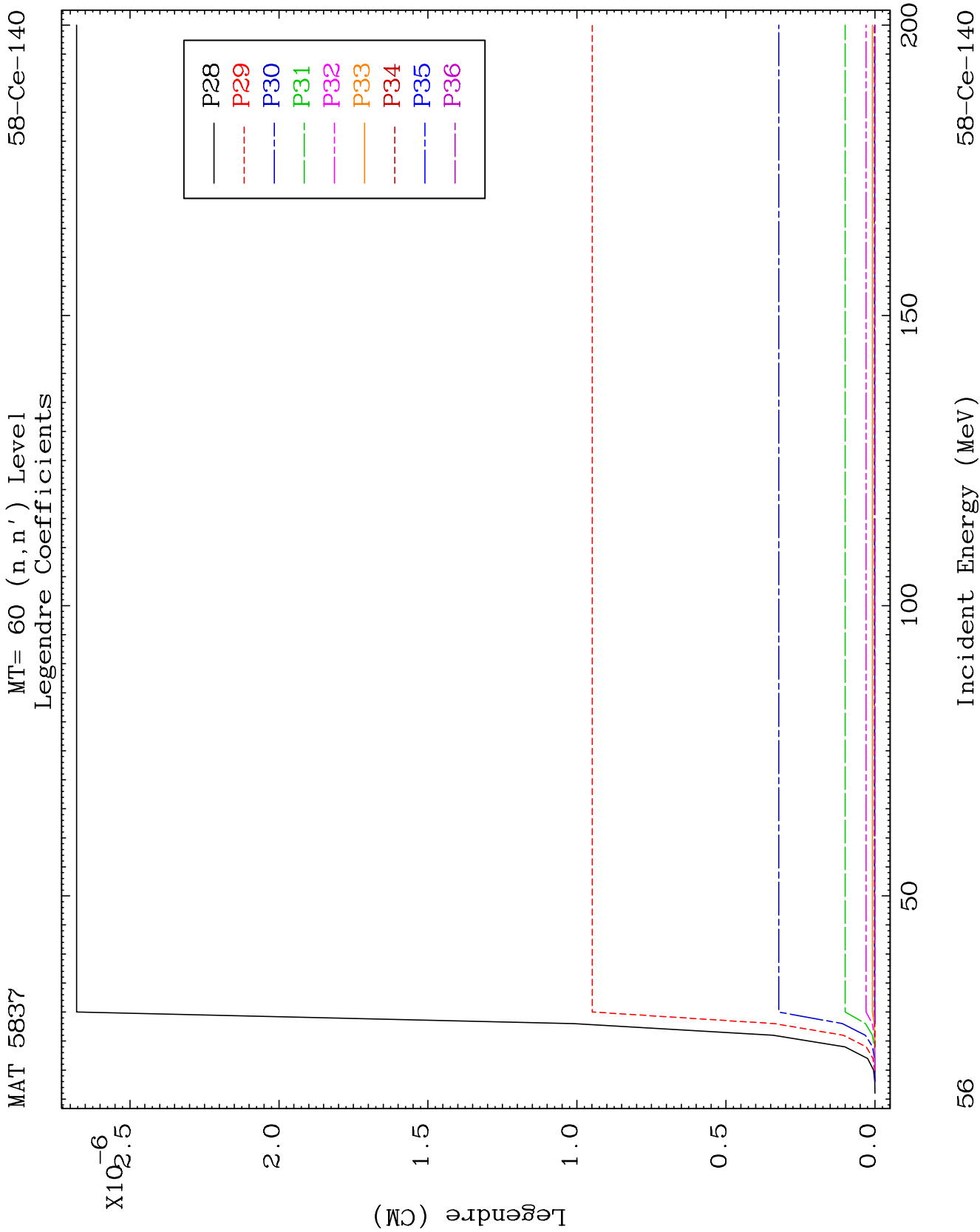


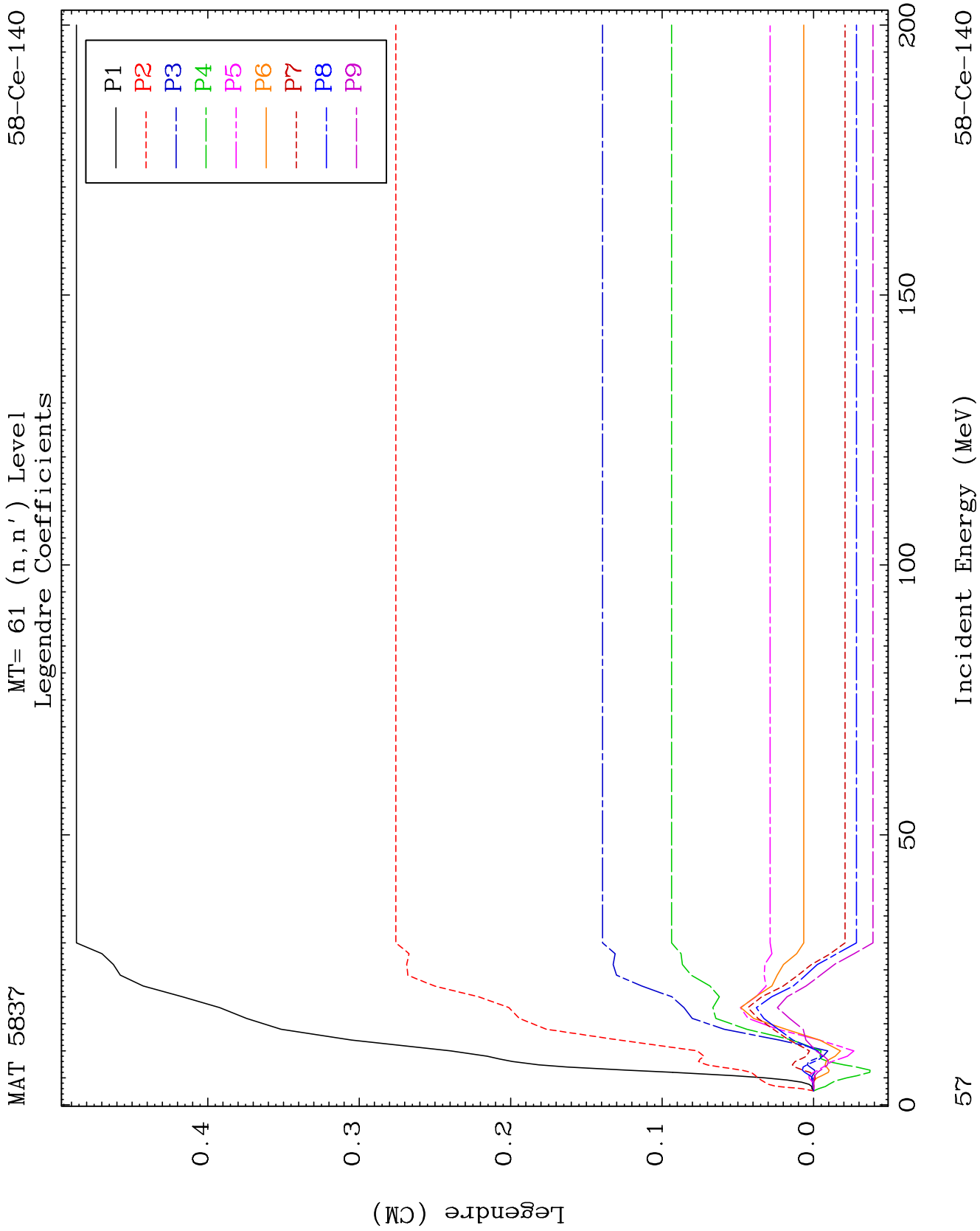
MAT 5837

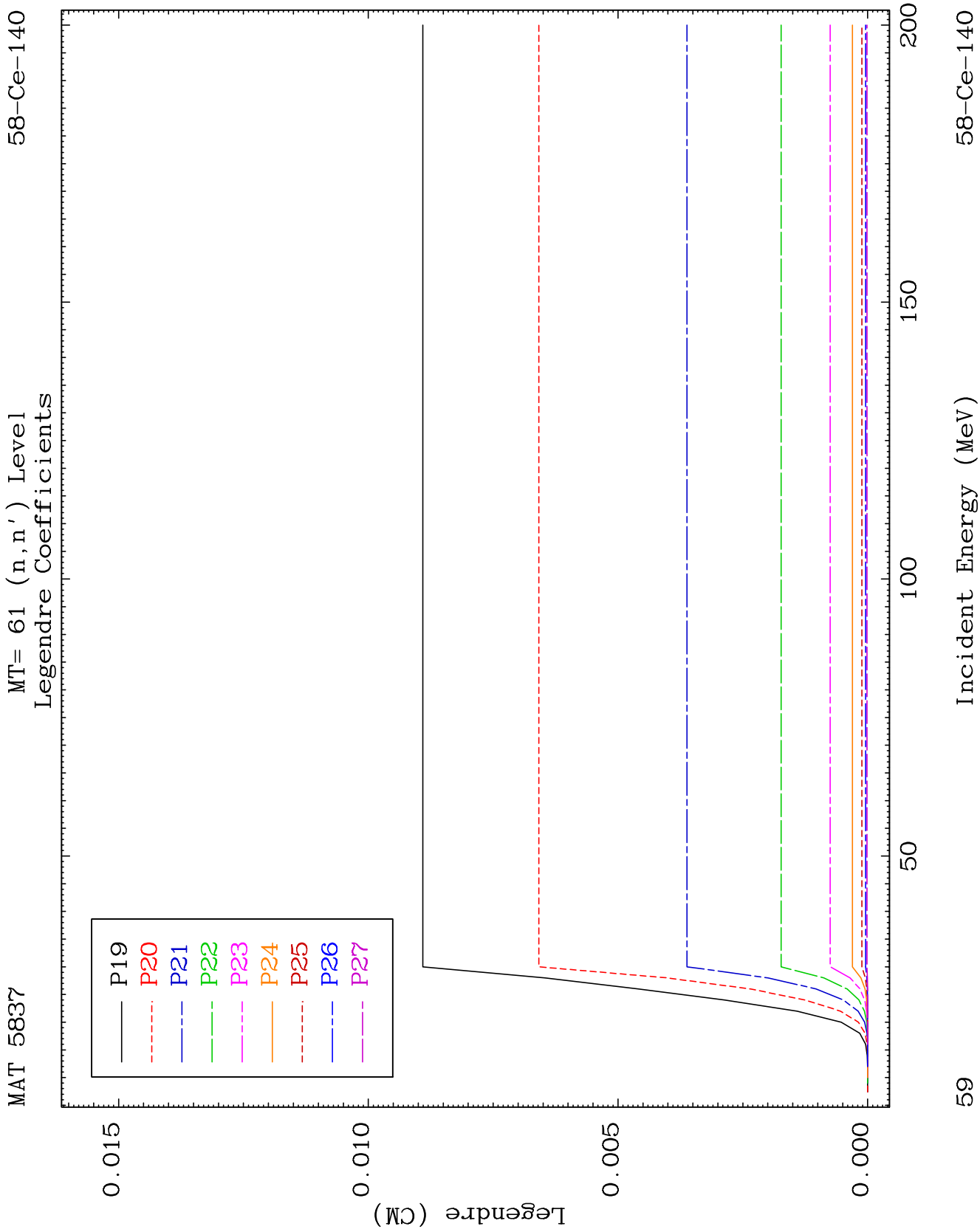
MT= 60 (n, n') Level
Legendre Coefficients

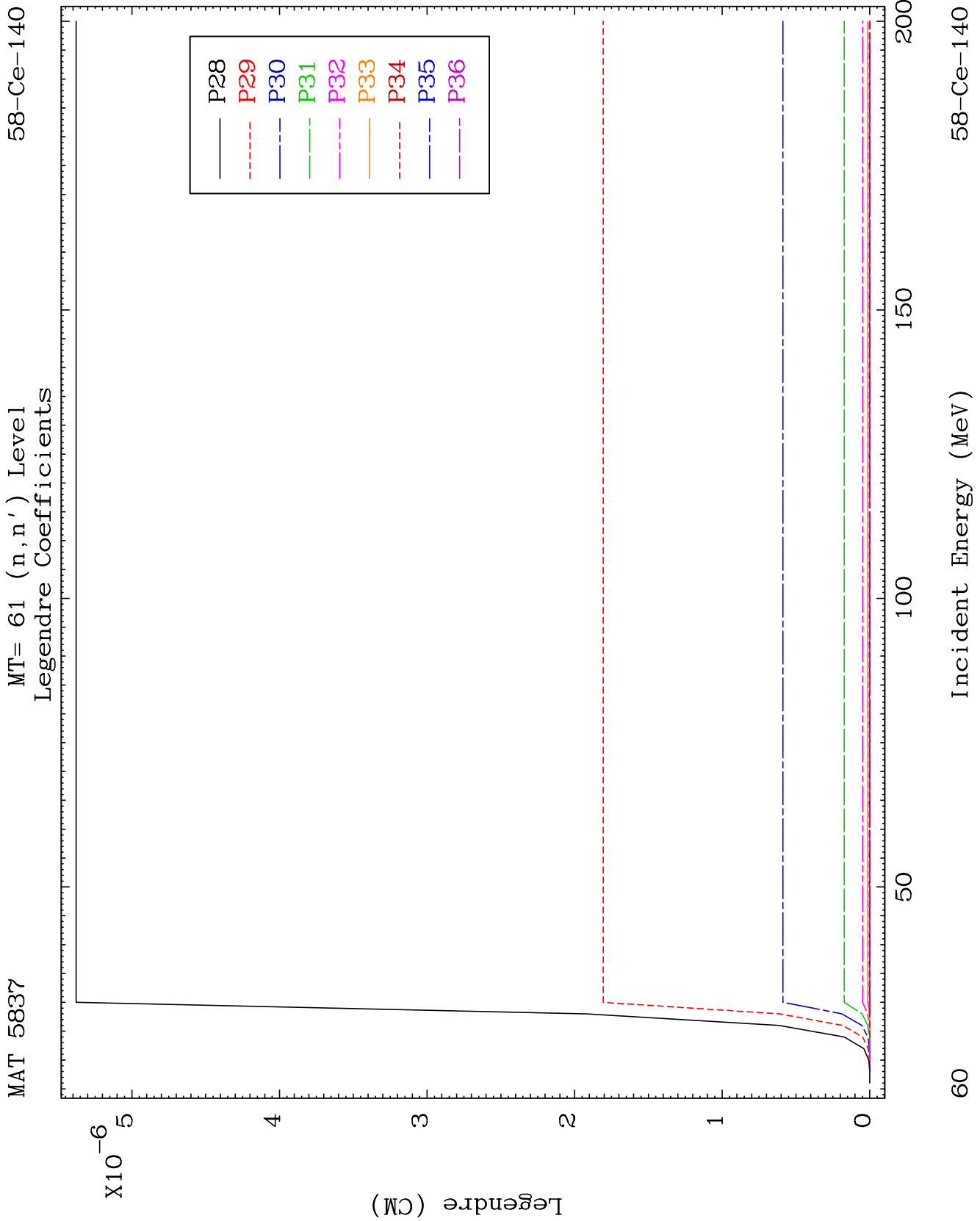
58-Ce-140

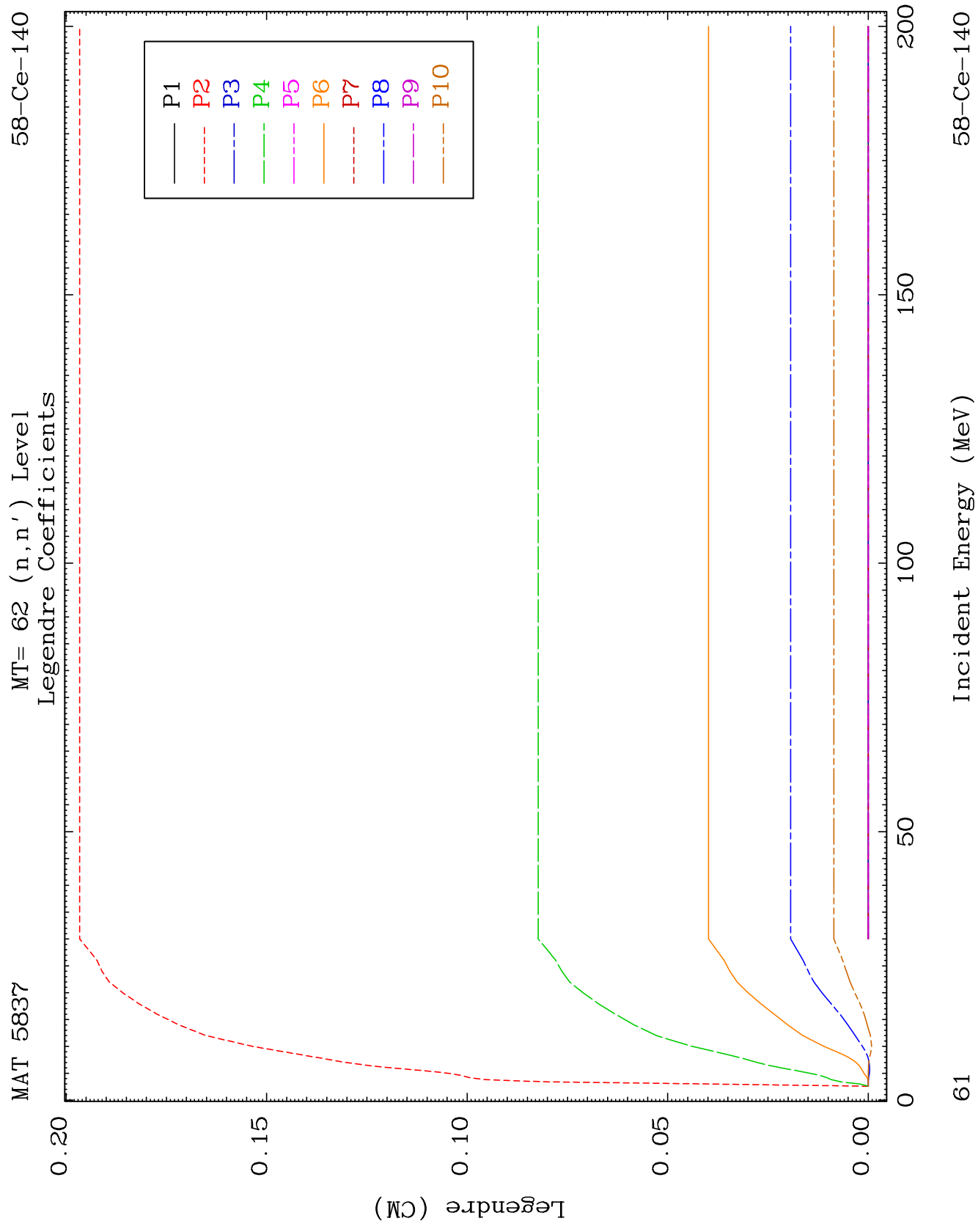


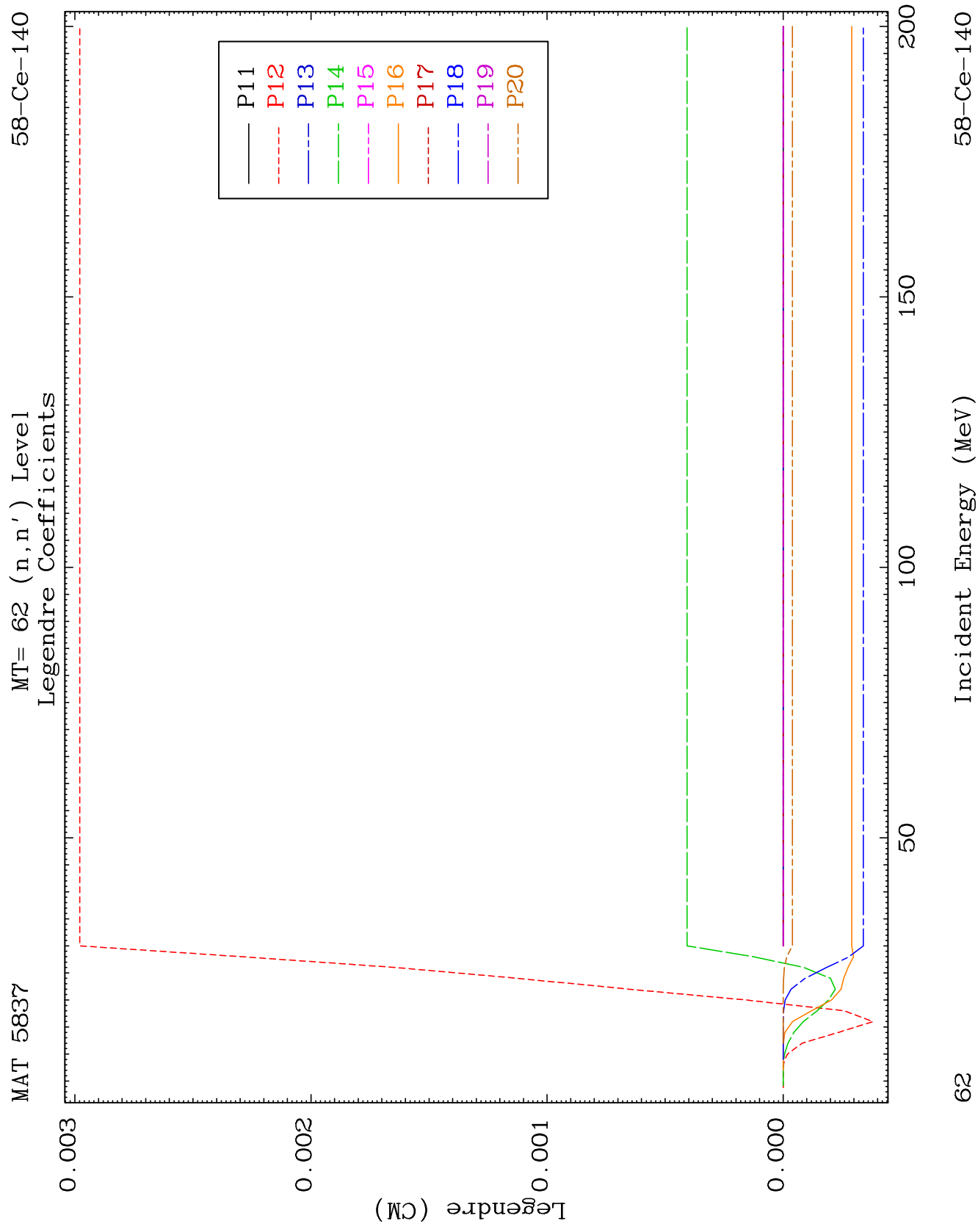


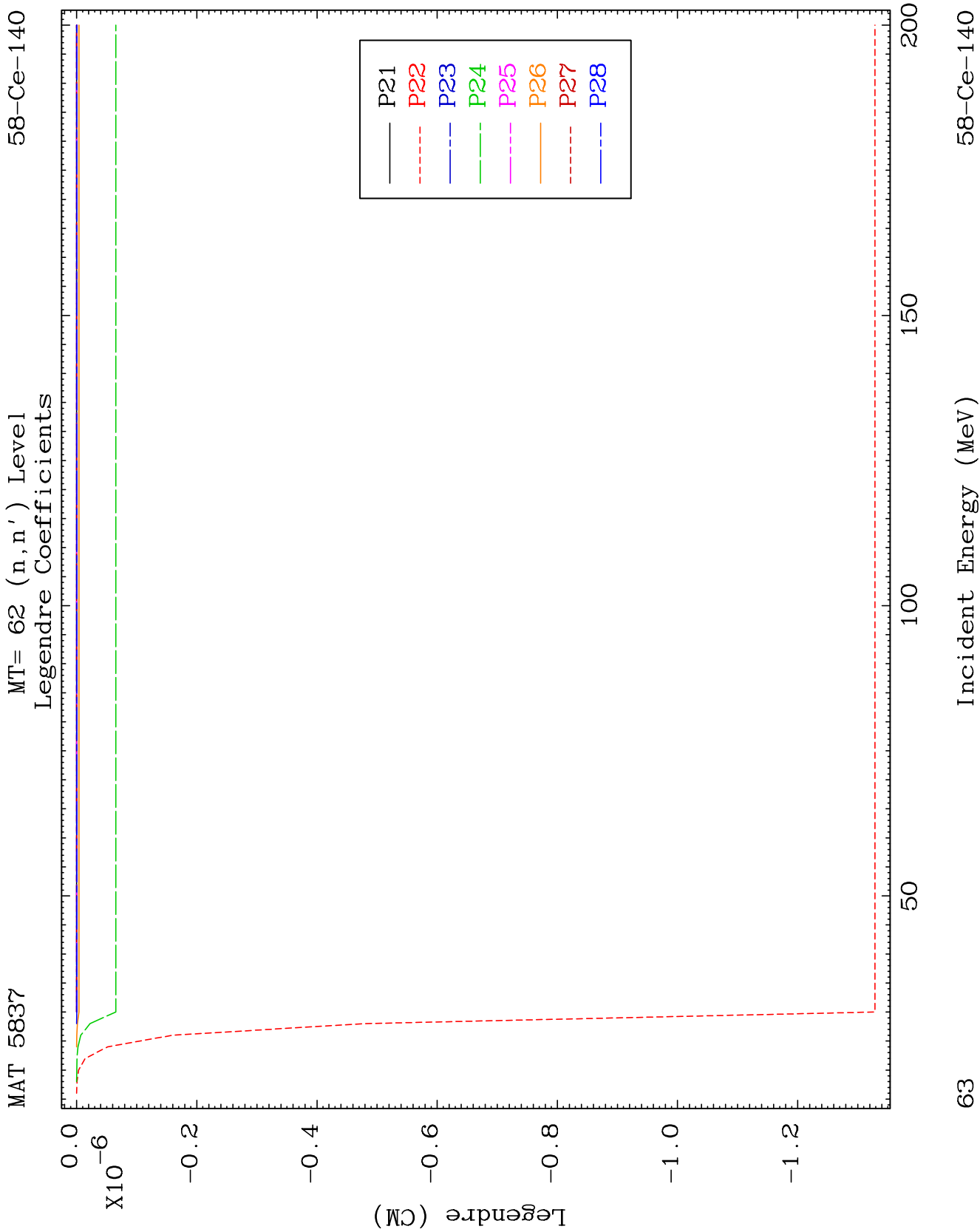


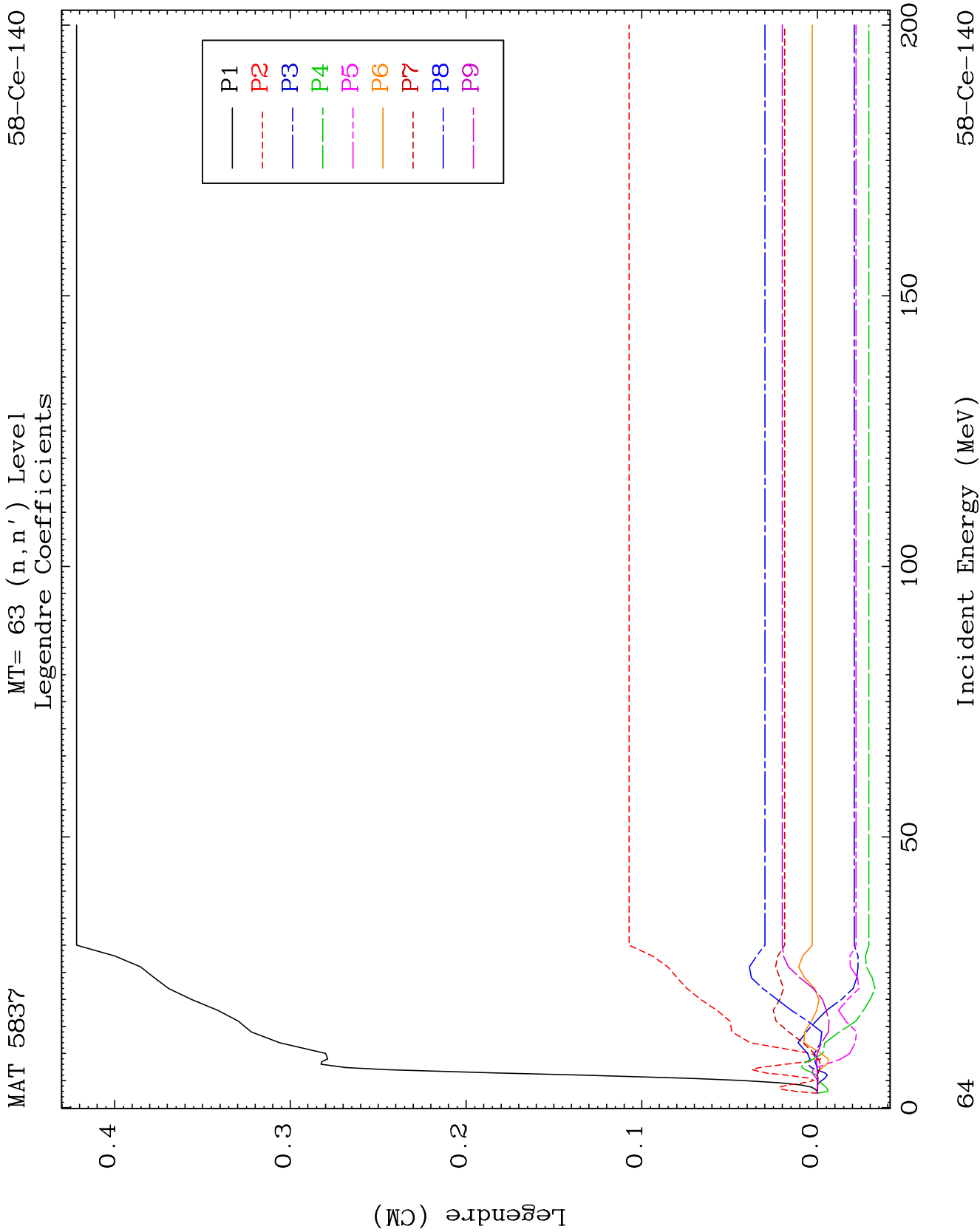








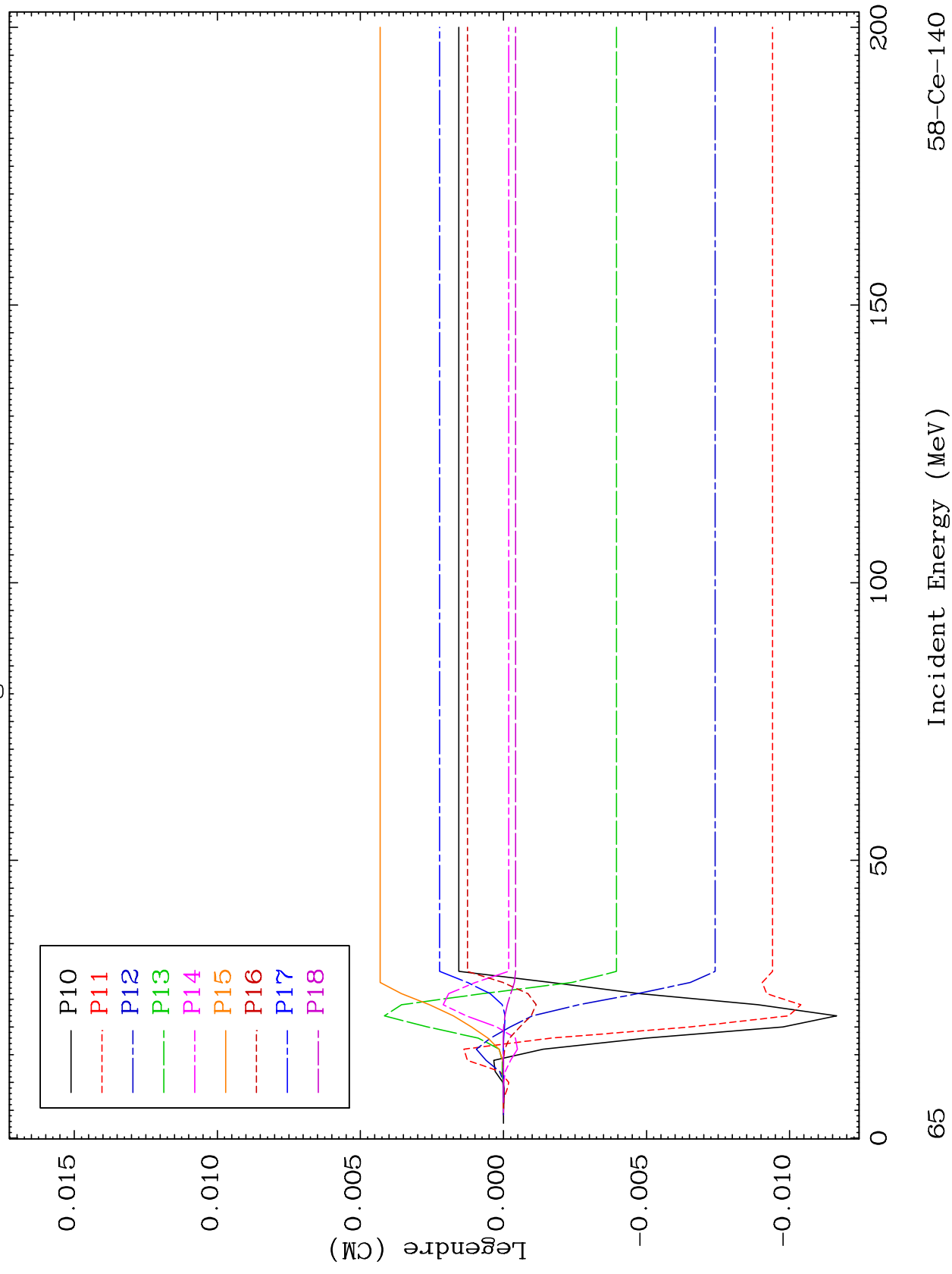


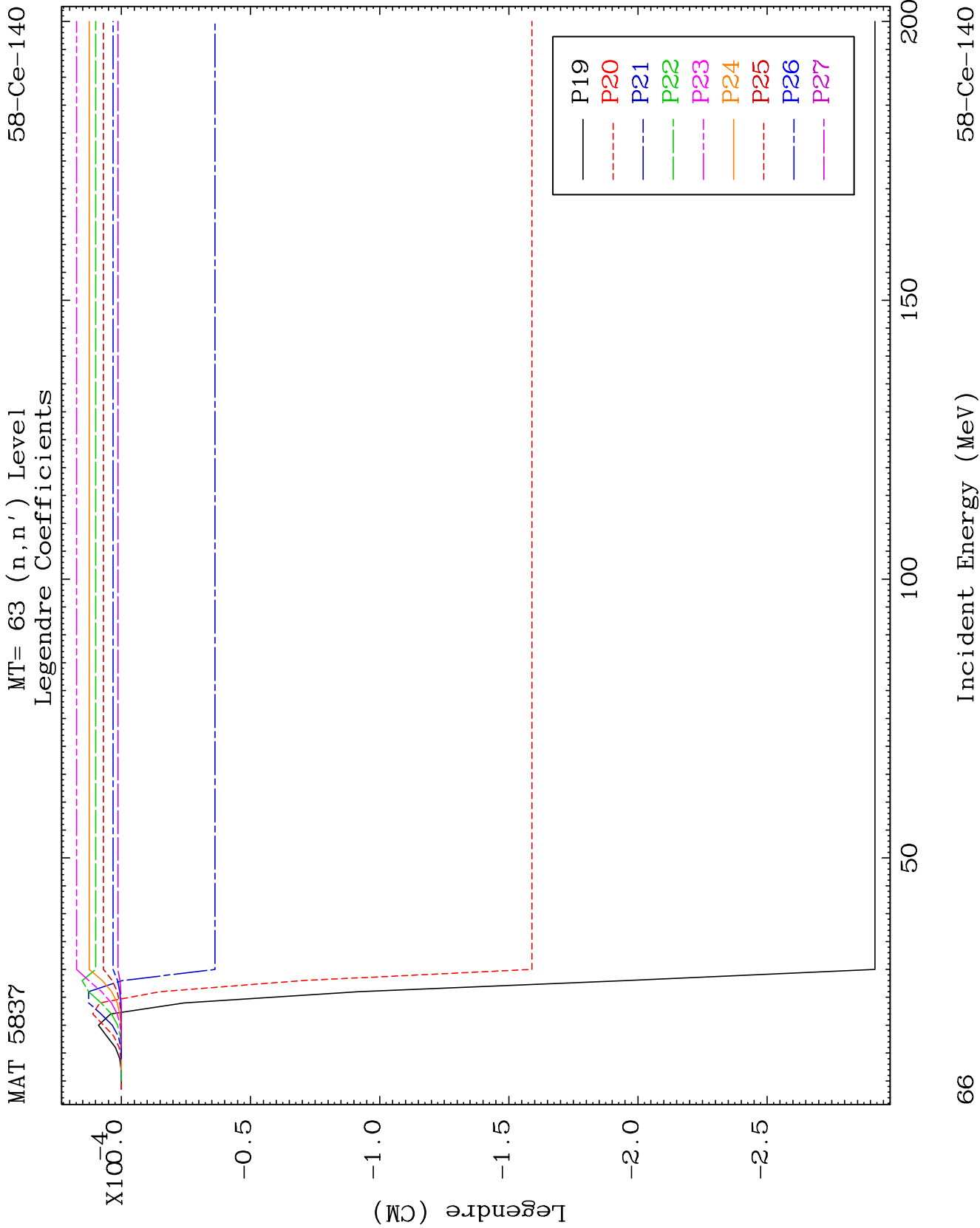


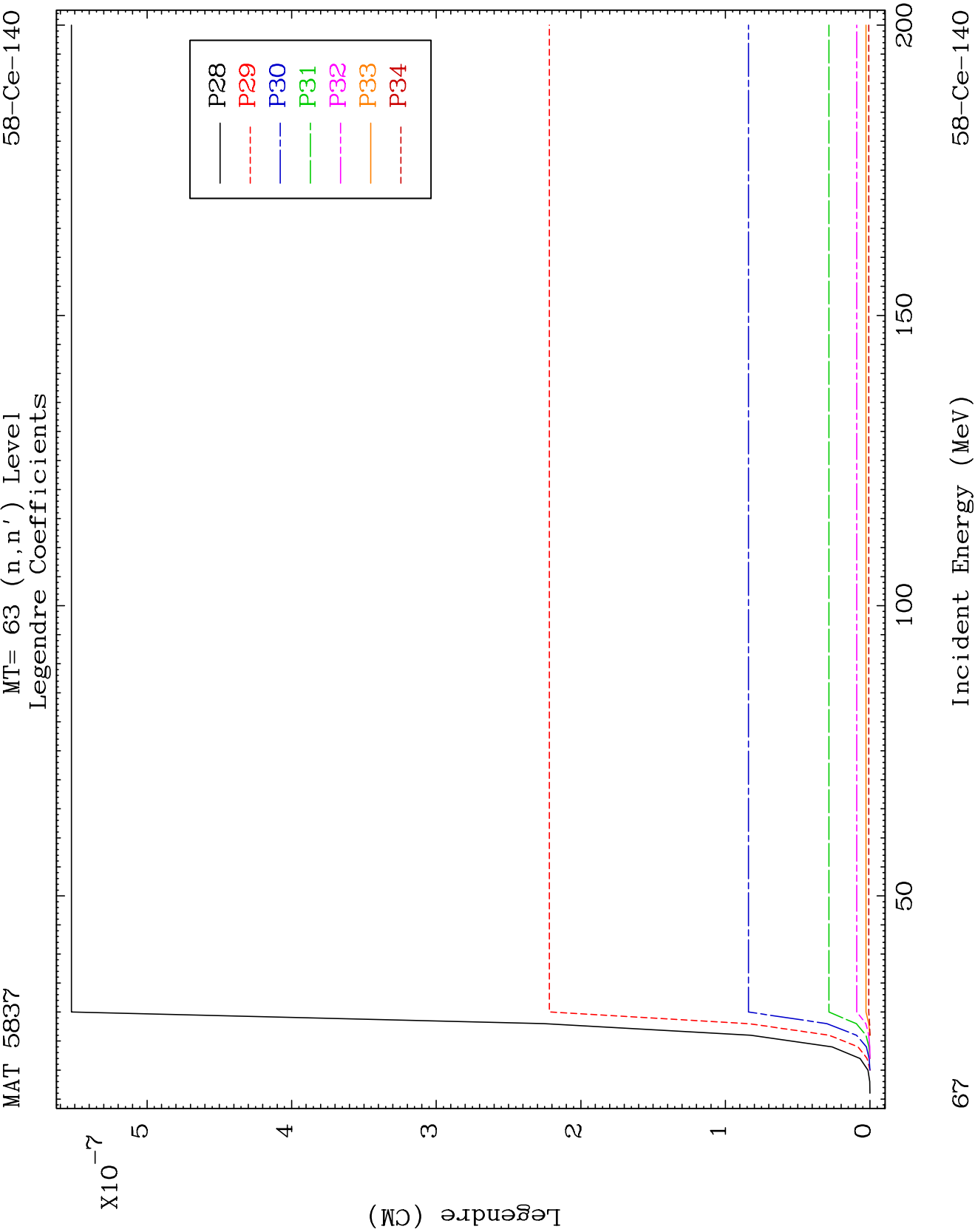
MAT 5837

MT= 63 (n, n') Level
Legendre Coefficients

58-Ce-140



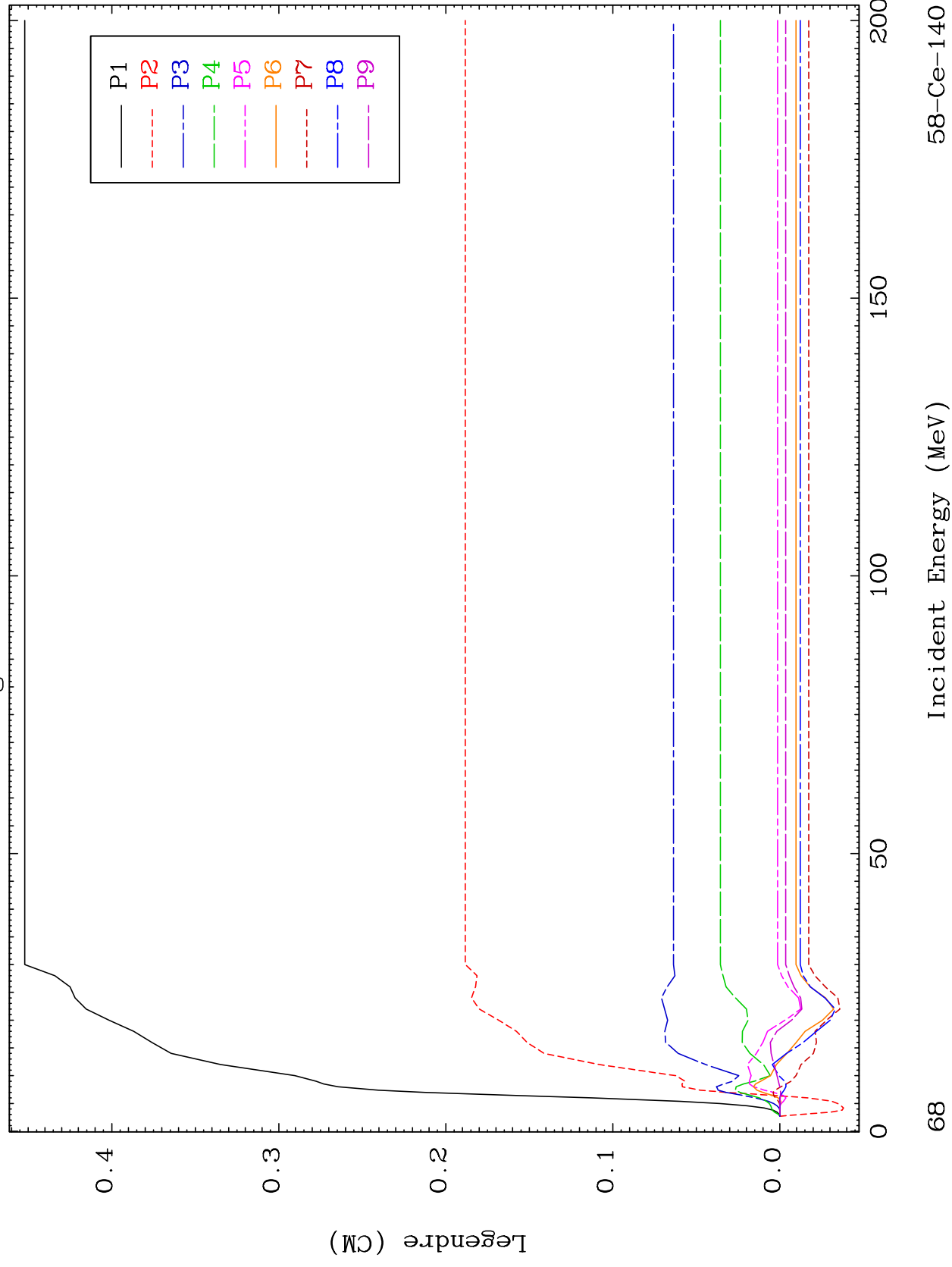


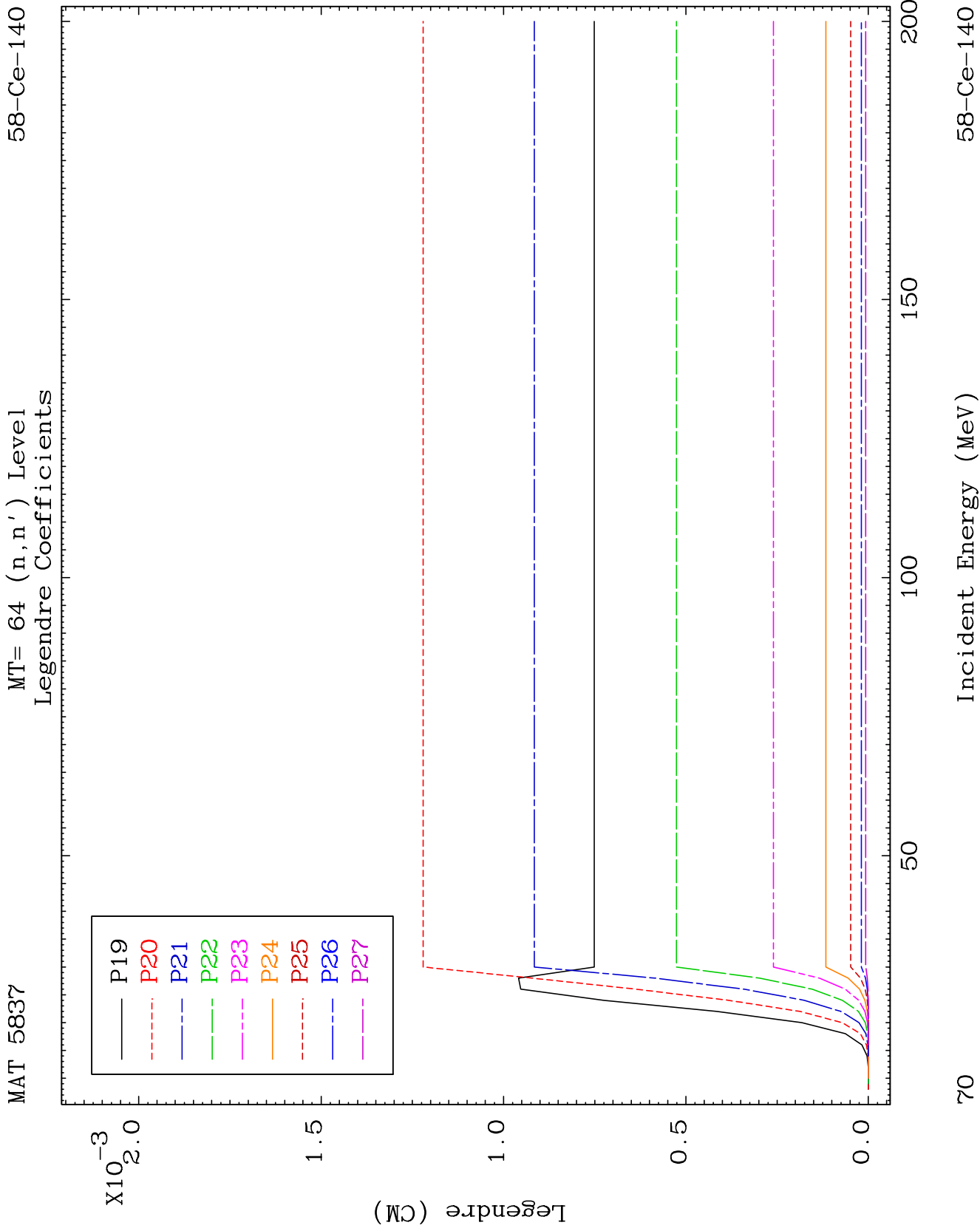


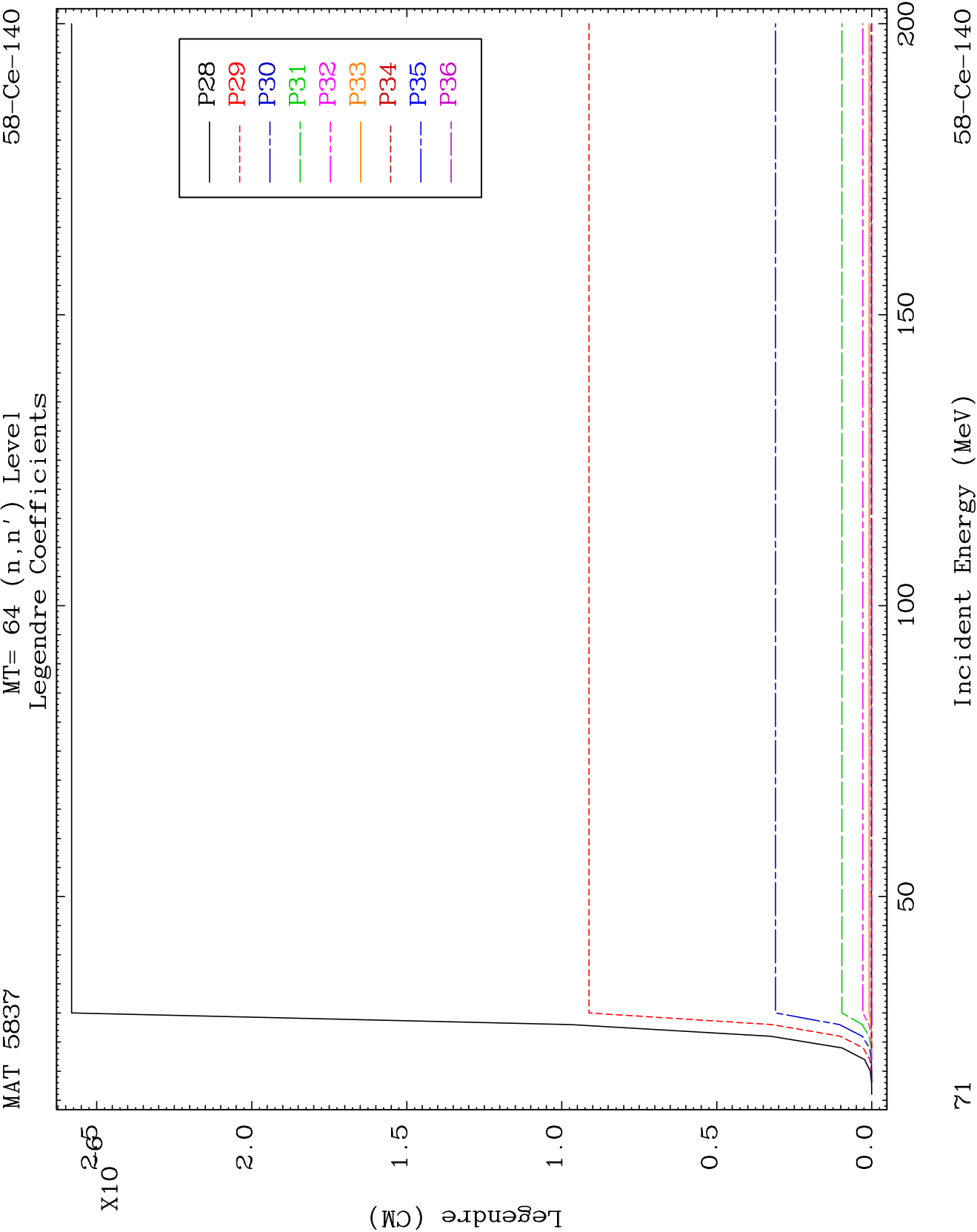
MAT 5837

MT= 64 (n, n') Level
Legendre Coefficients

58-Ce-140



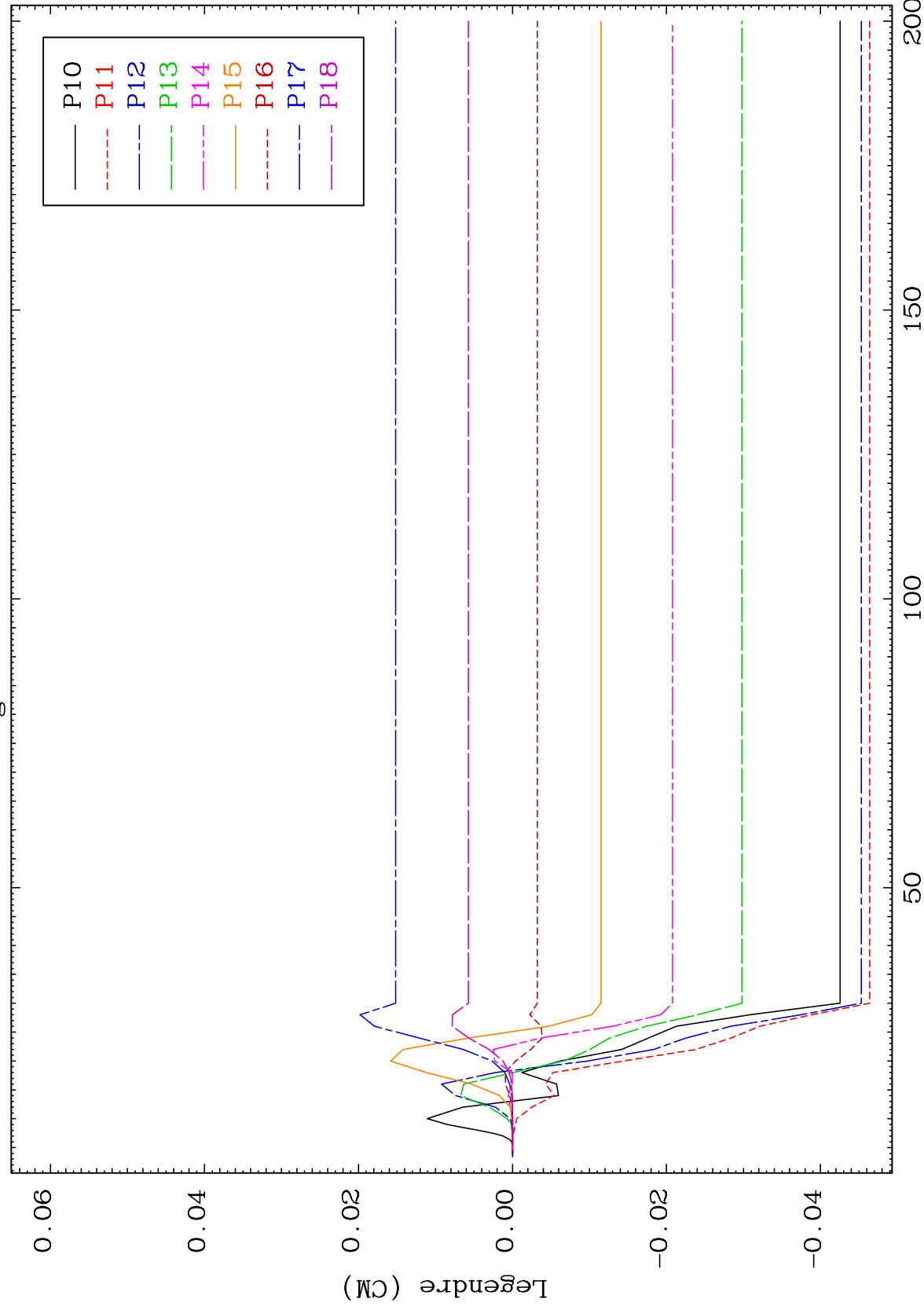




MAT 5837

MT= 65 (n, n') Level
Legendre Coefficients

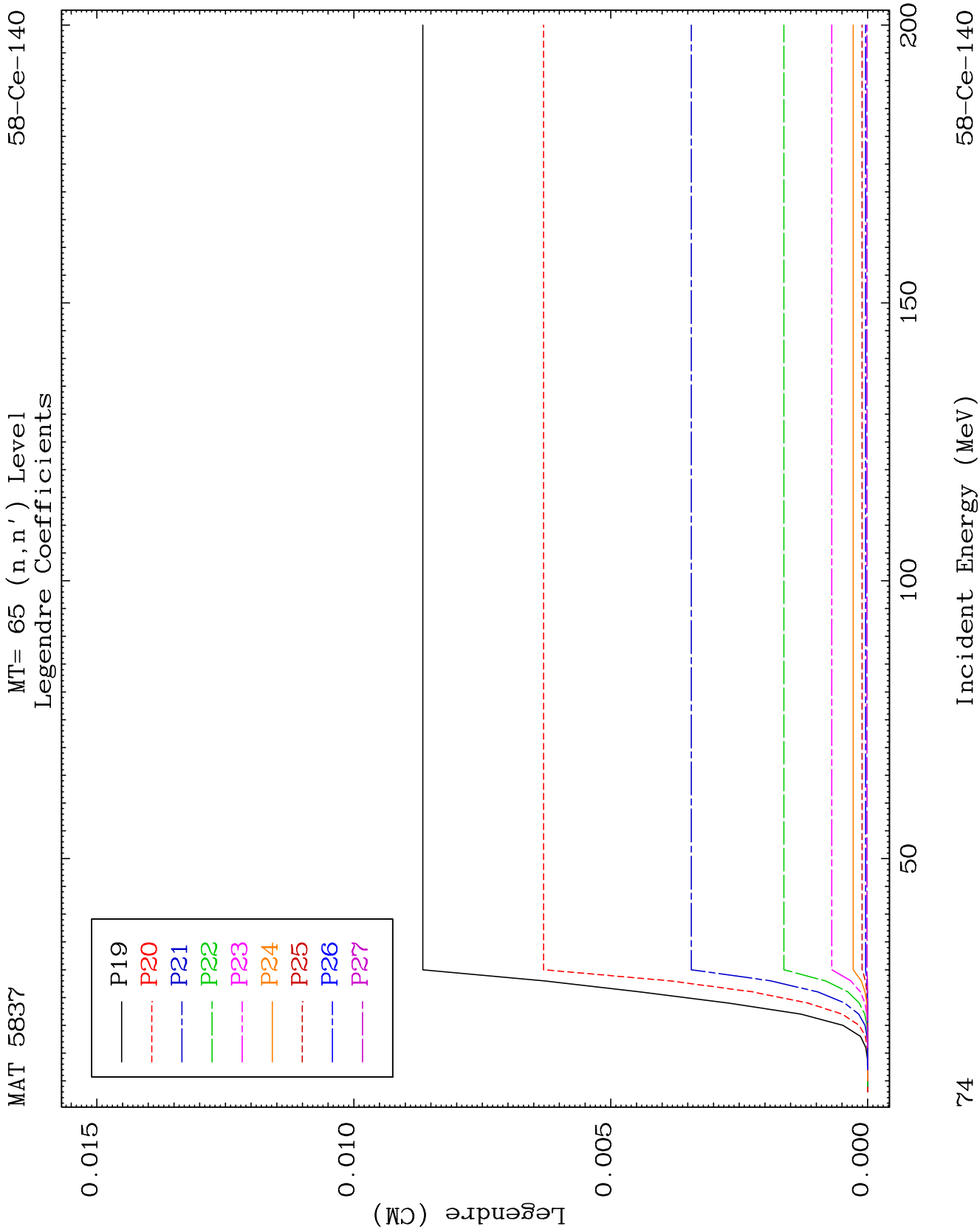
58-Ce-140

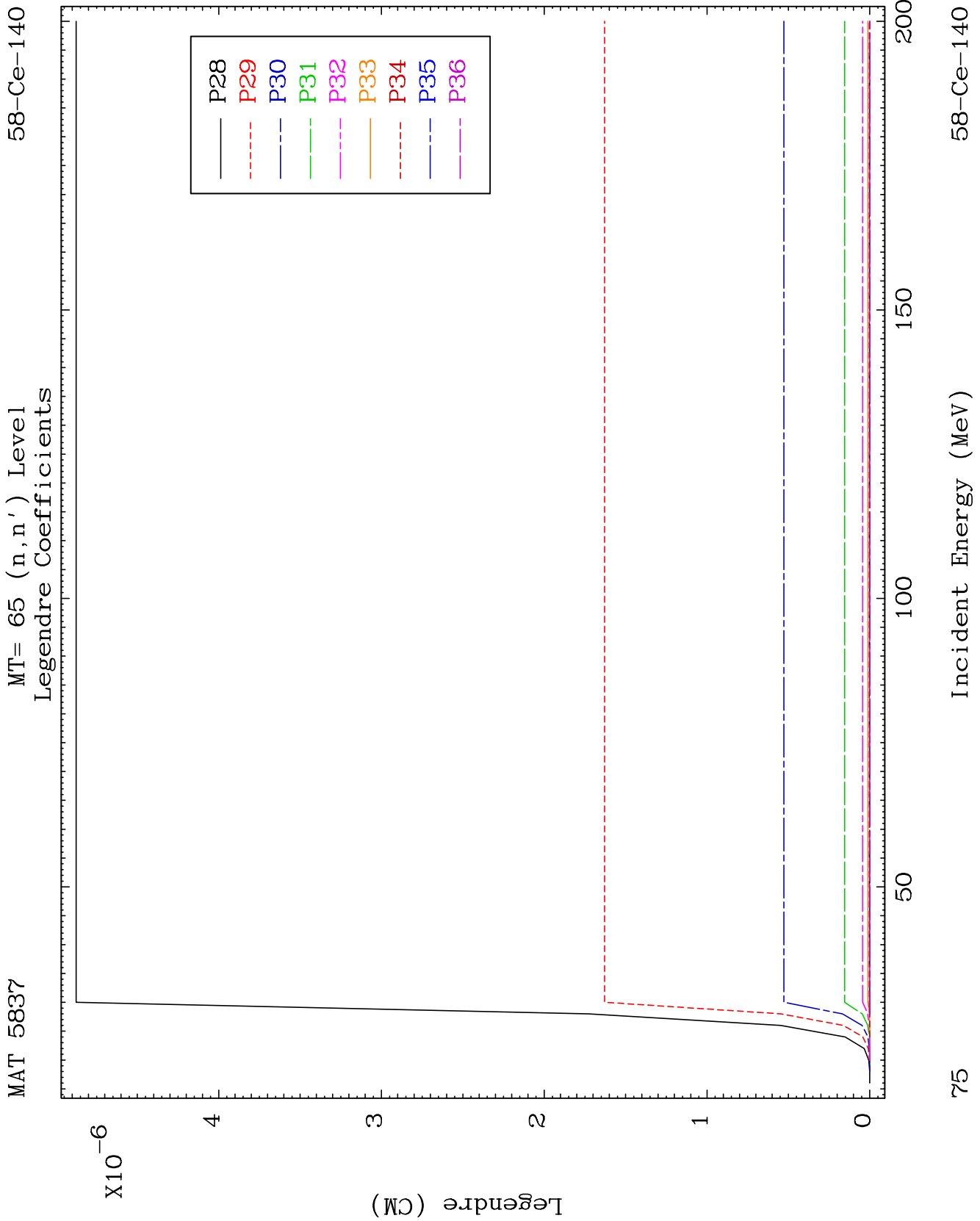


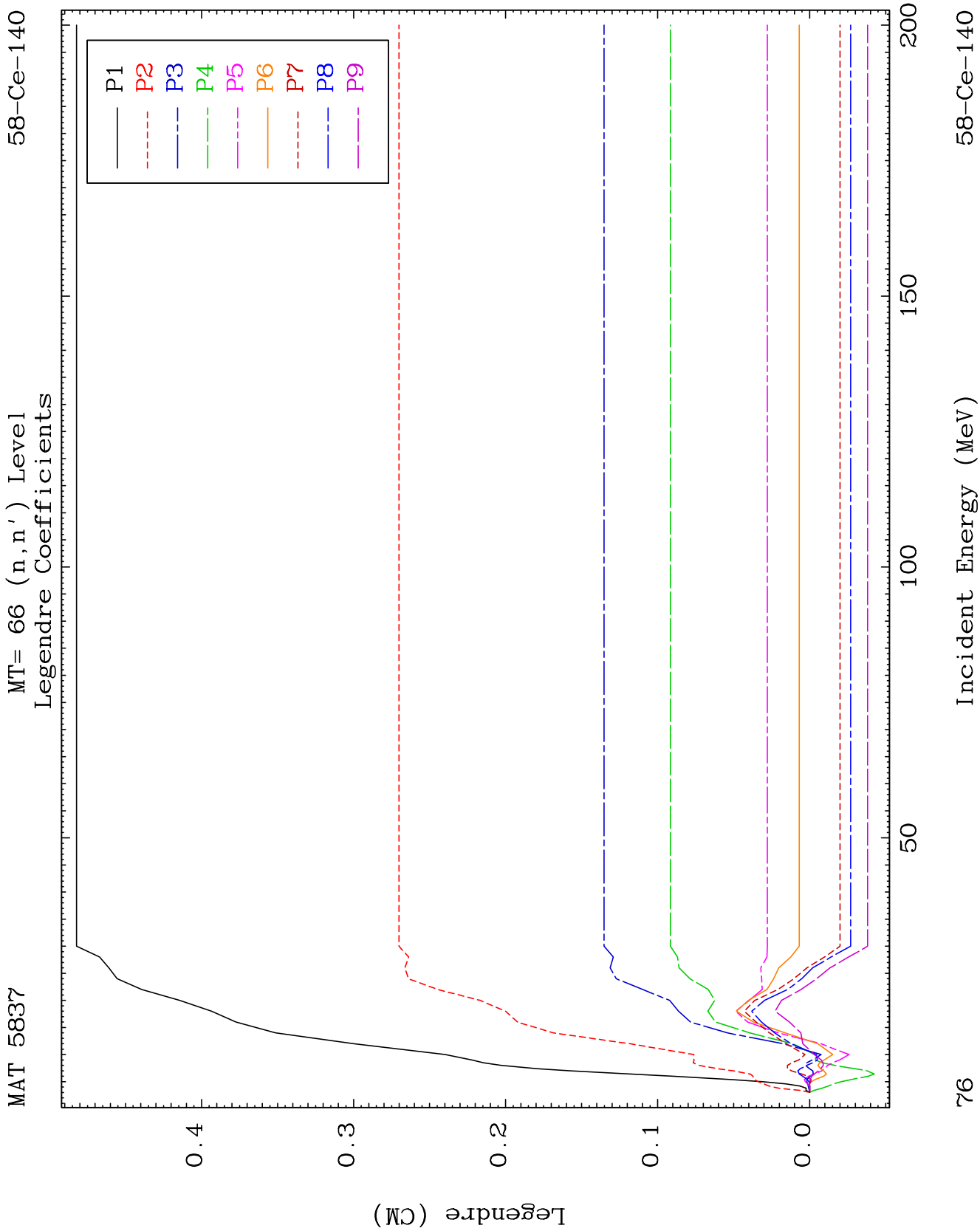
23

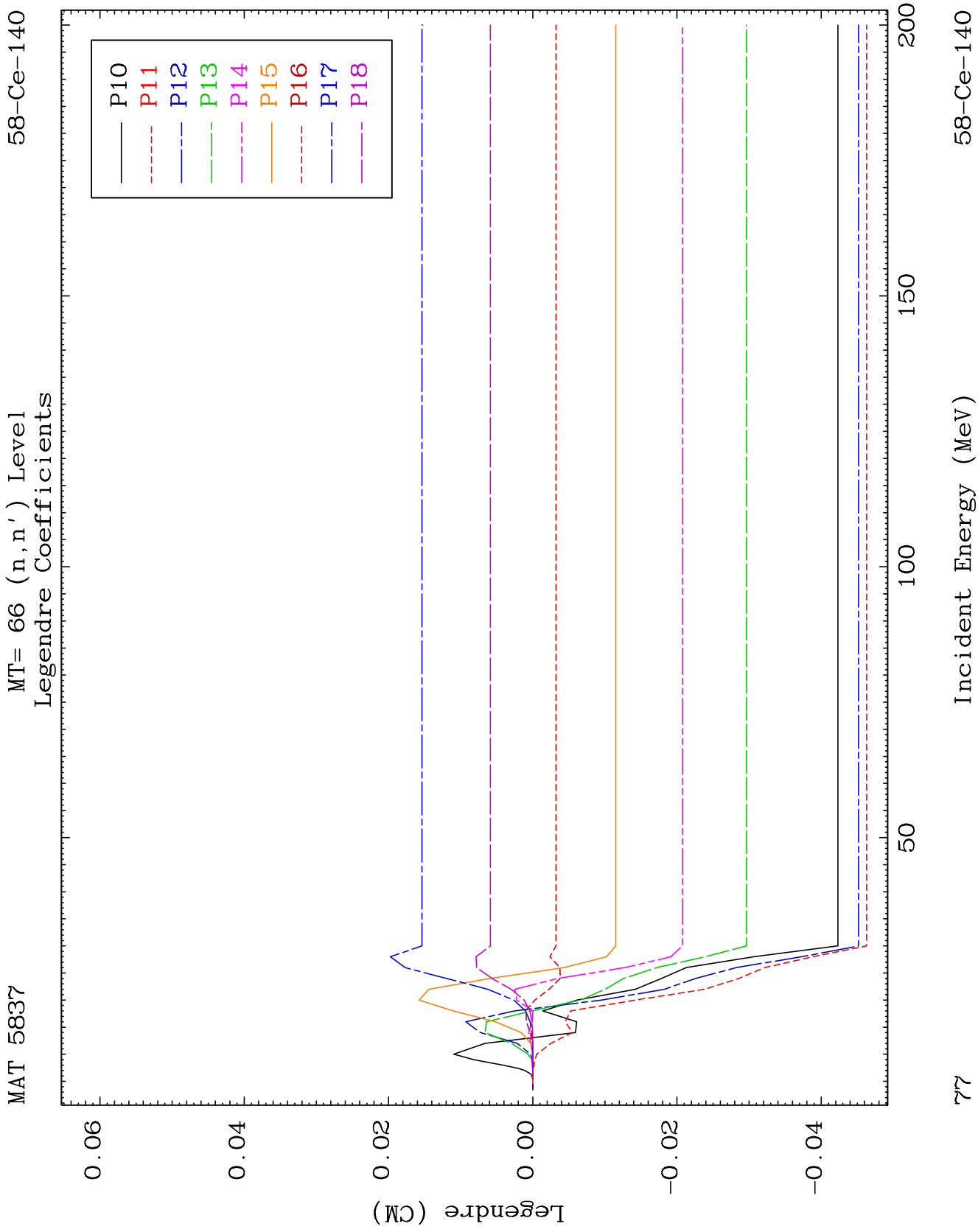
Incident Energy (MeV)

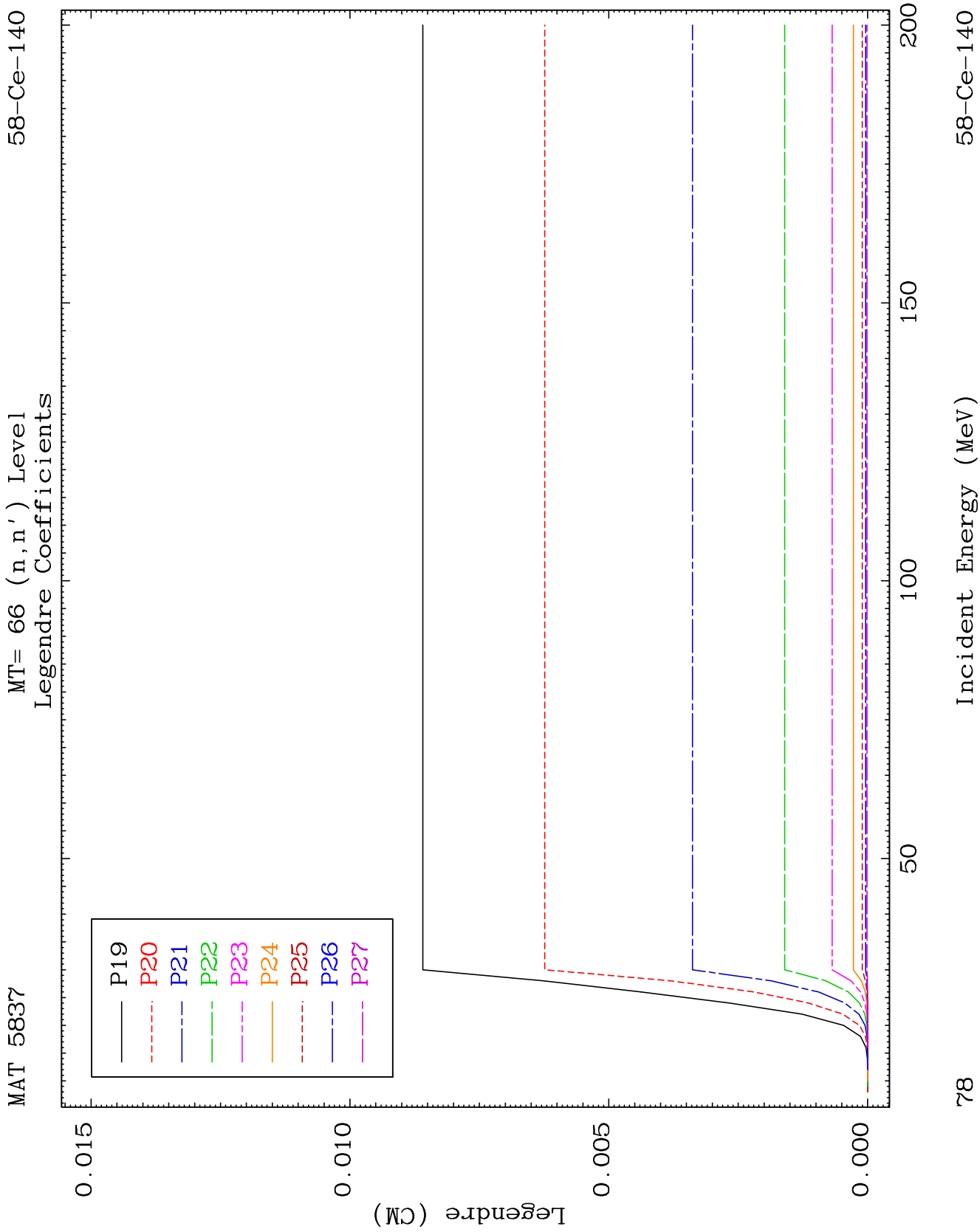
58-Ce-140

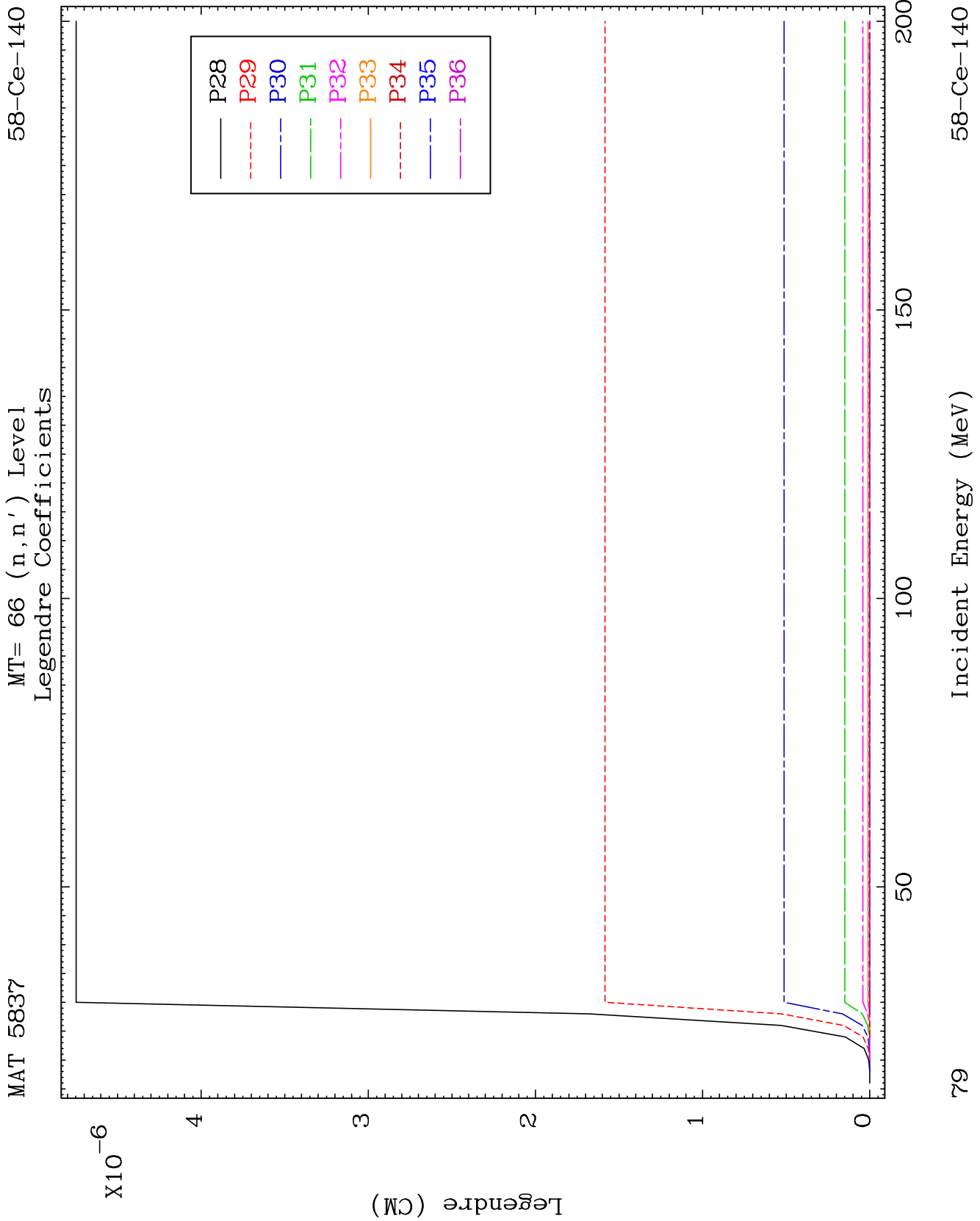








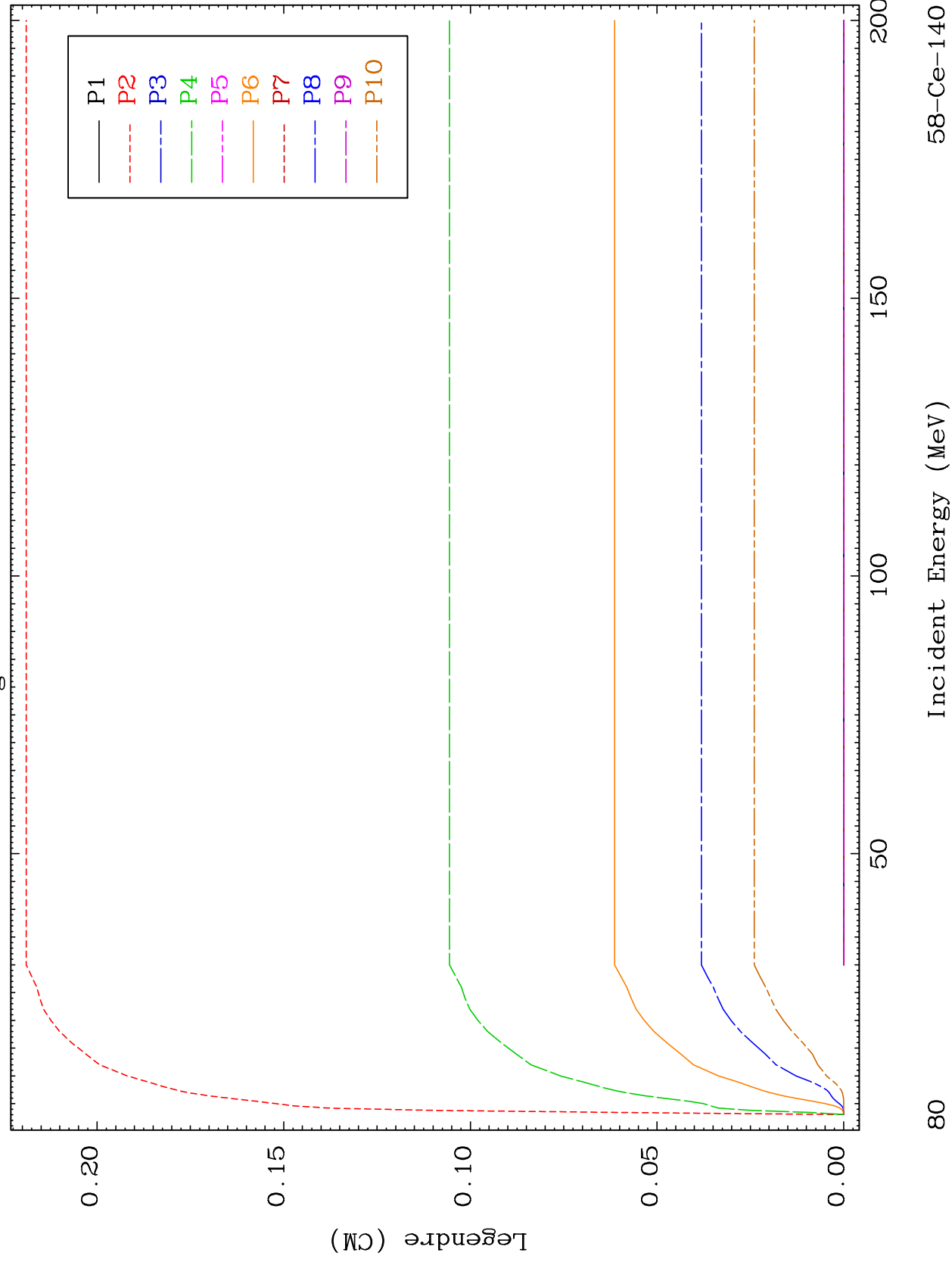




MAT 5837

MT= 67 (n, n') Level
Legendre Coefficients

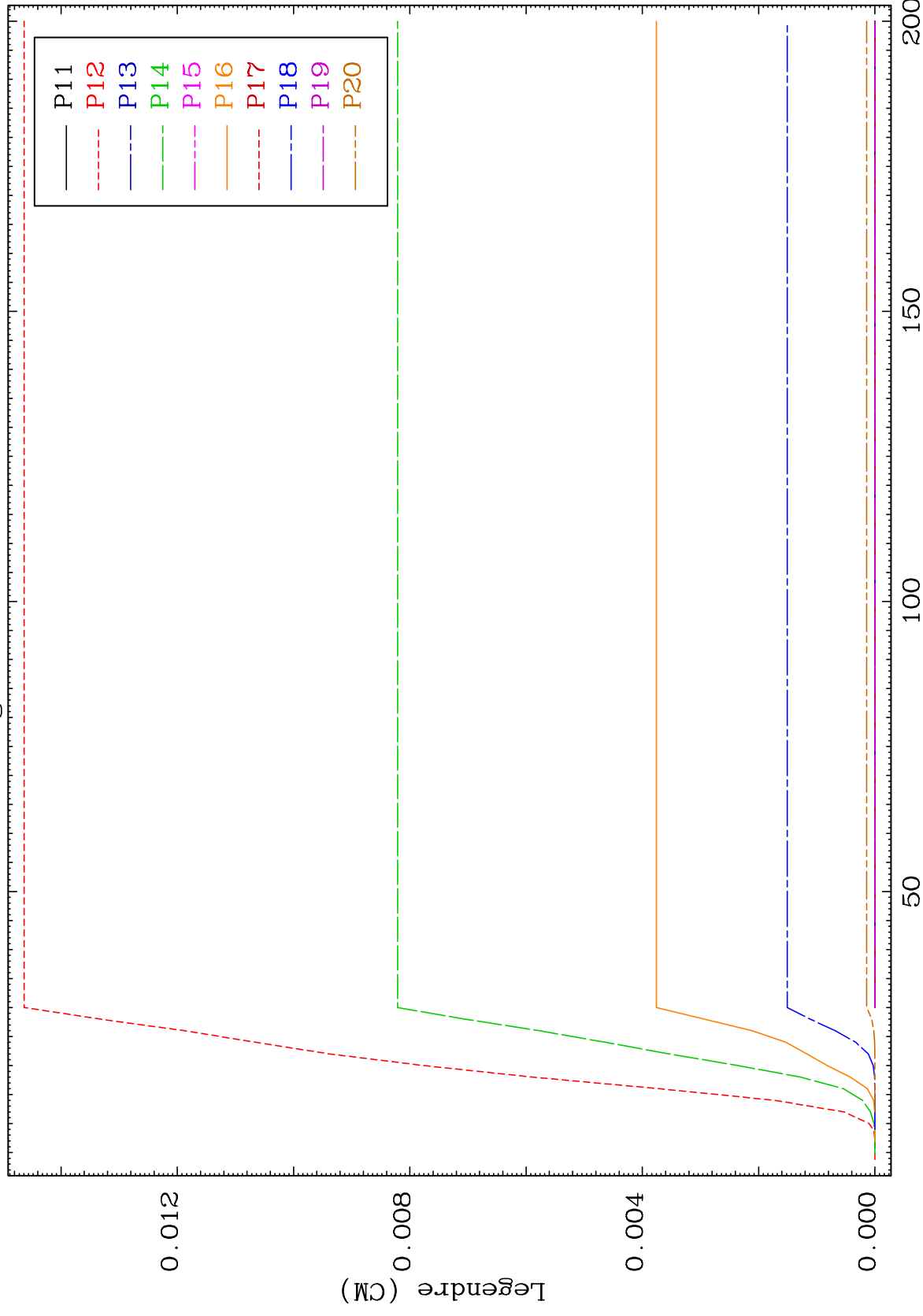
58-Ce-140



MAT 5837

MT= 67 (n, n') Level
Legendre Coefficients

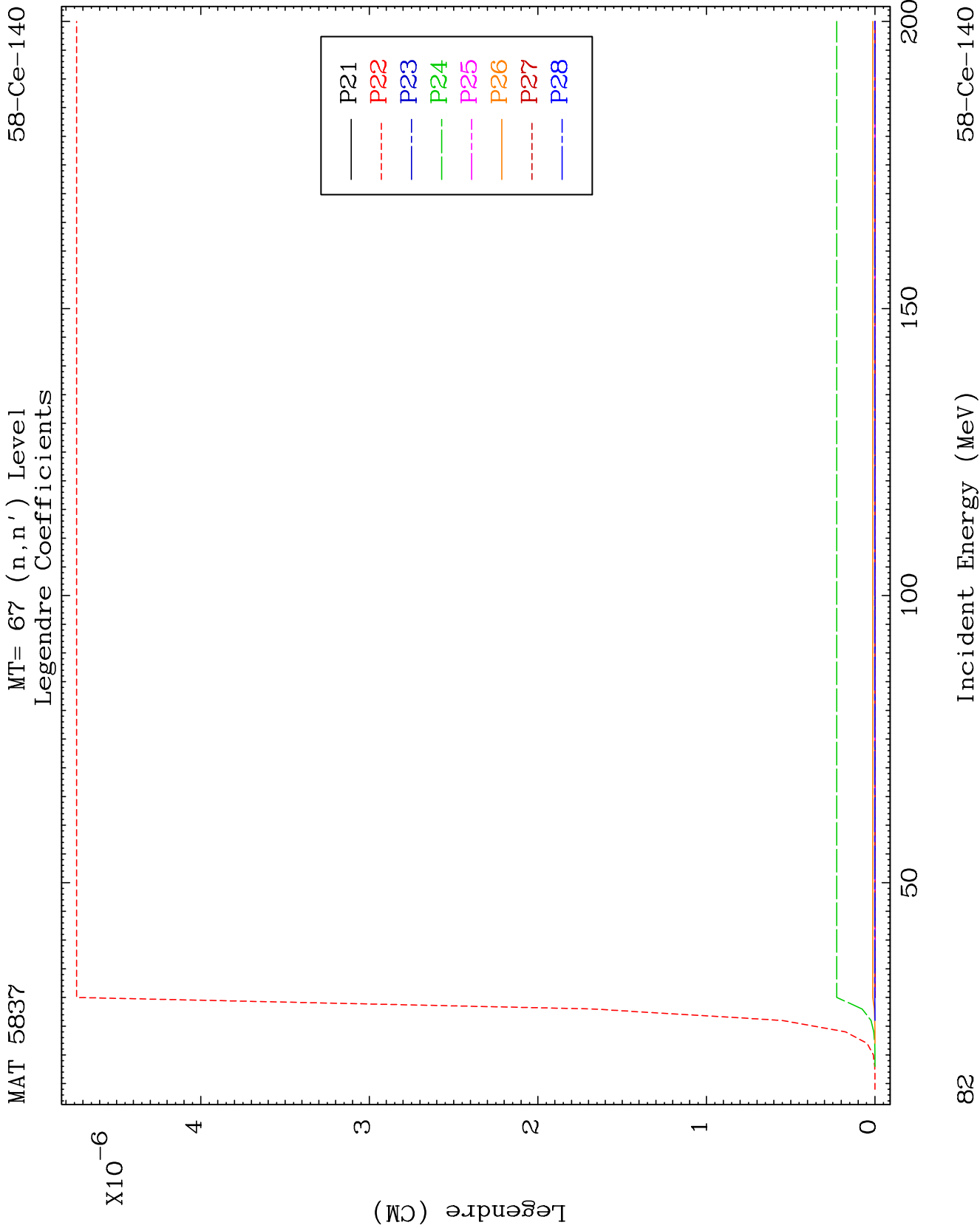
58-Ce-140

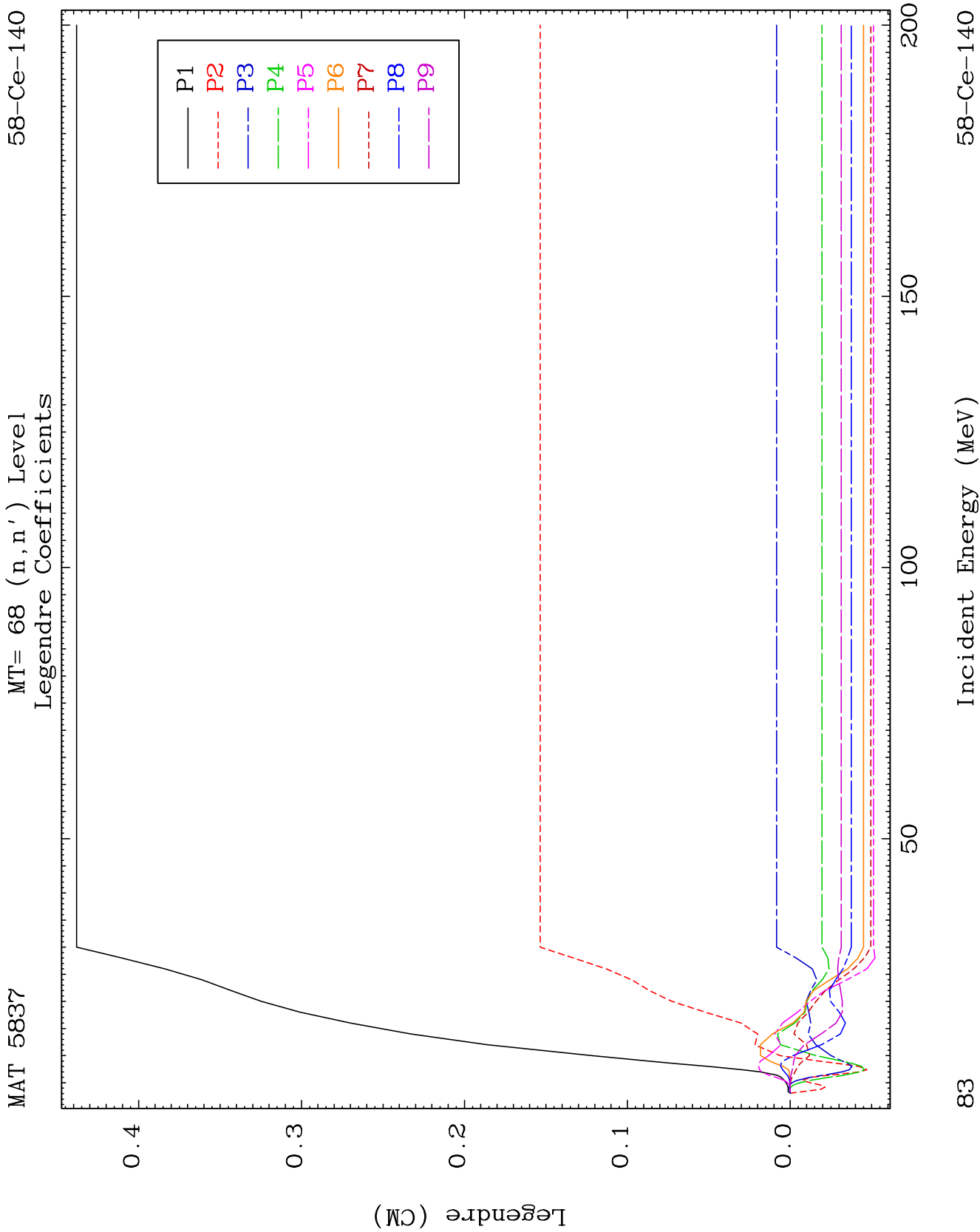


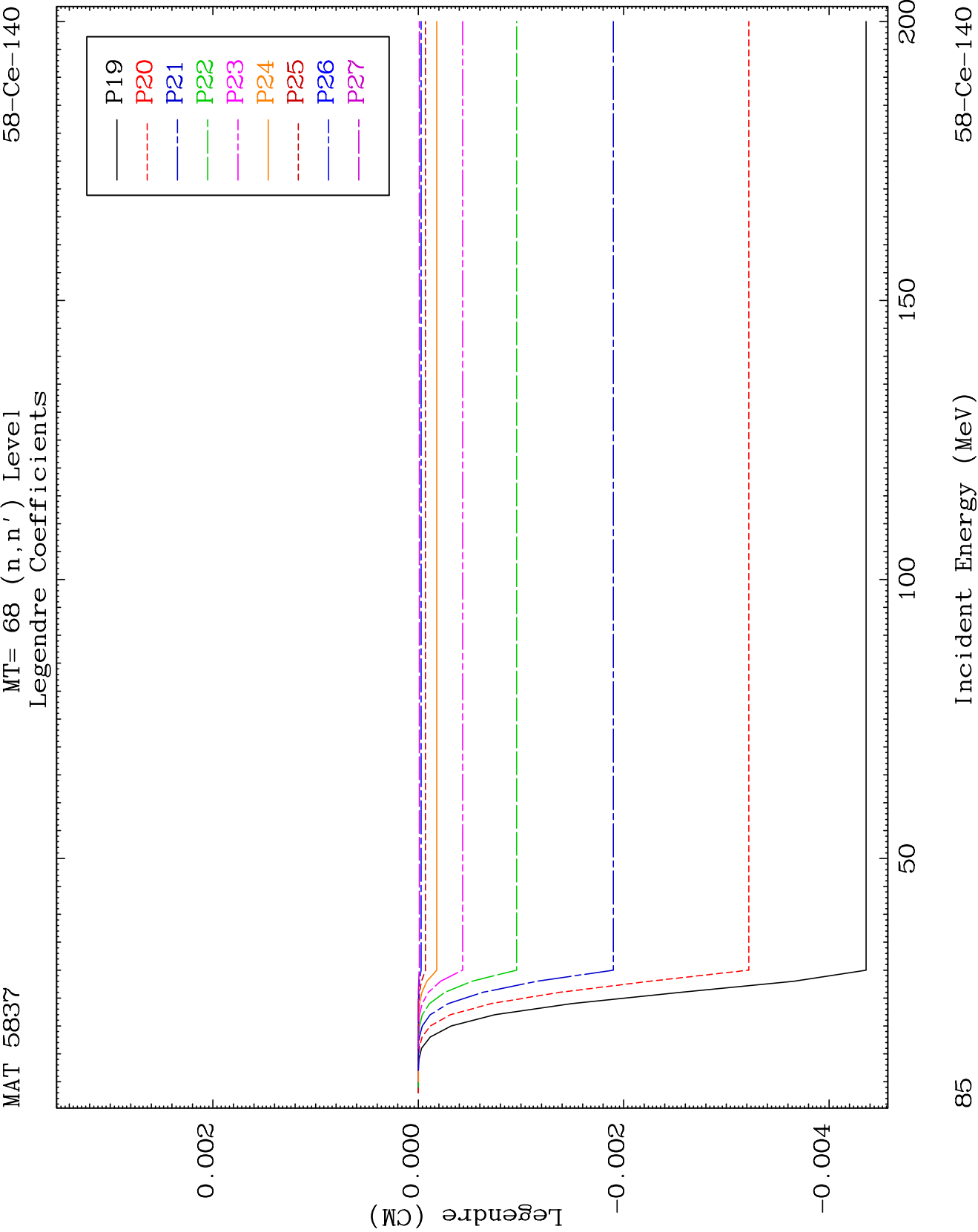
81

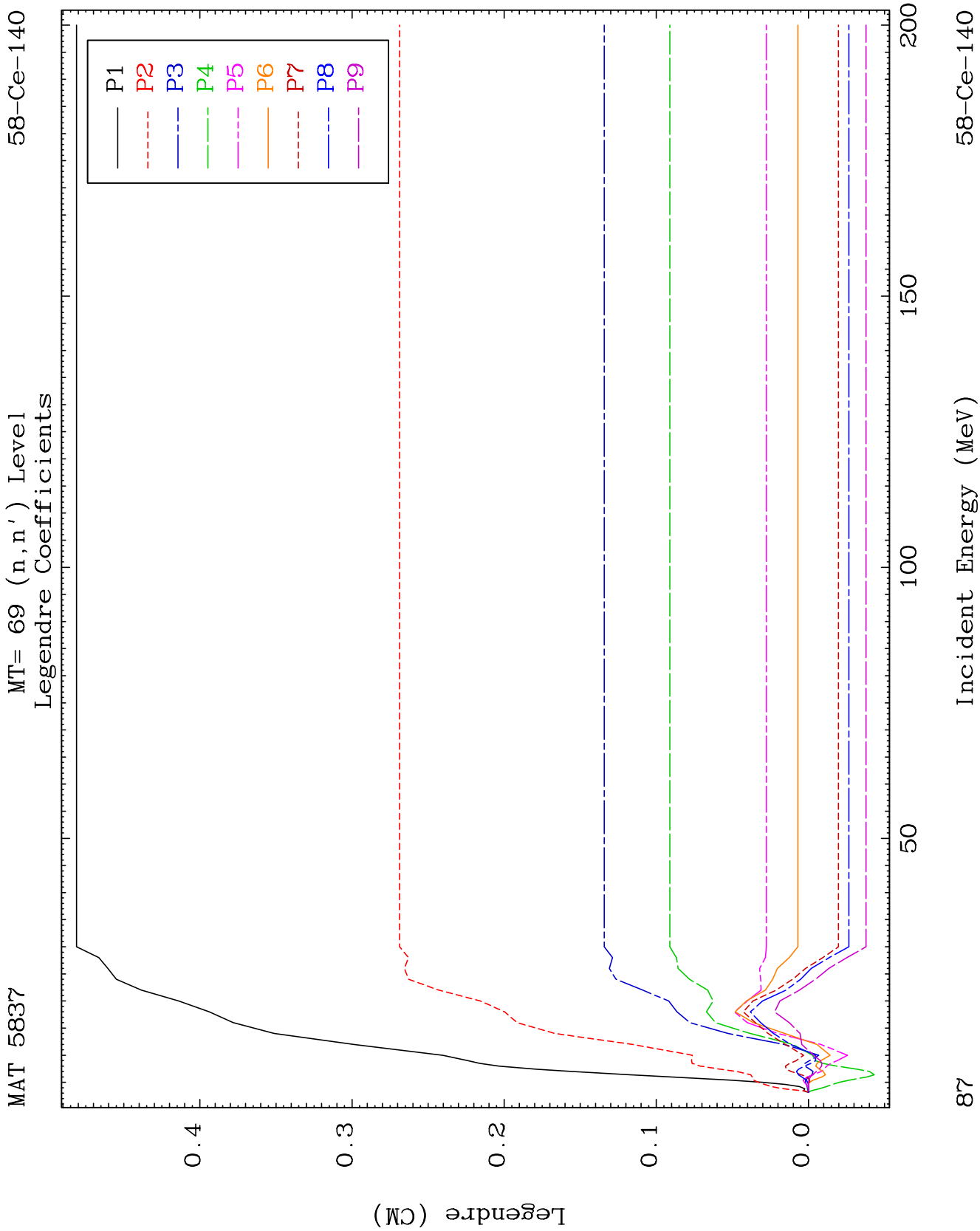
Incident Energy (MeV)

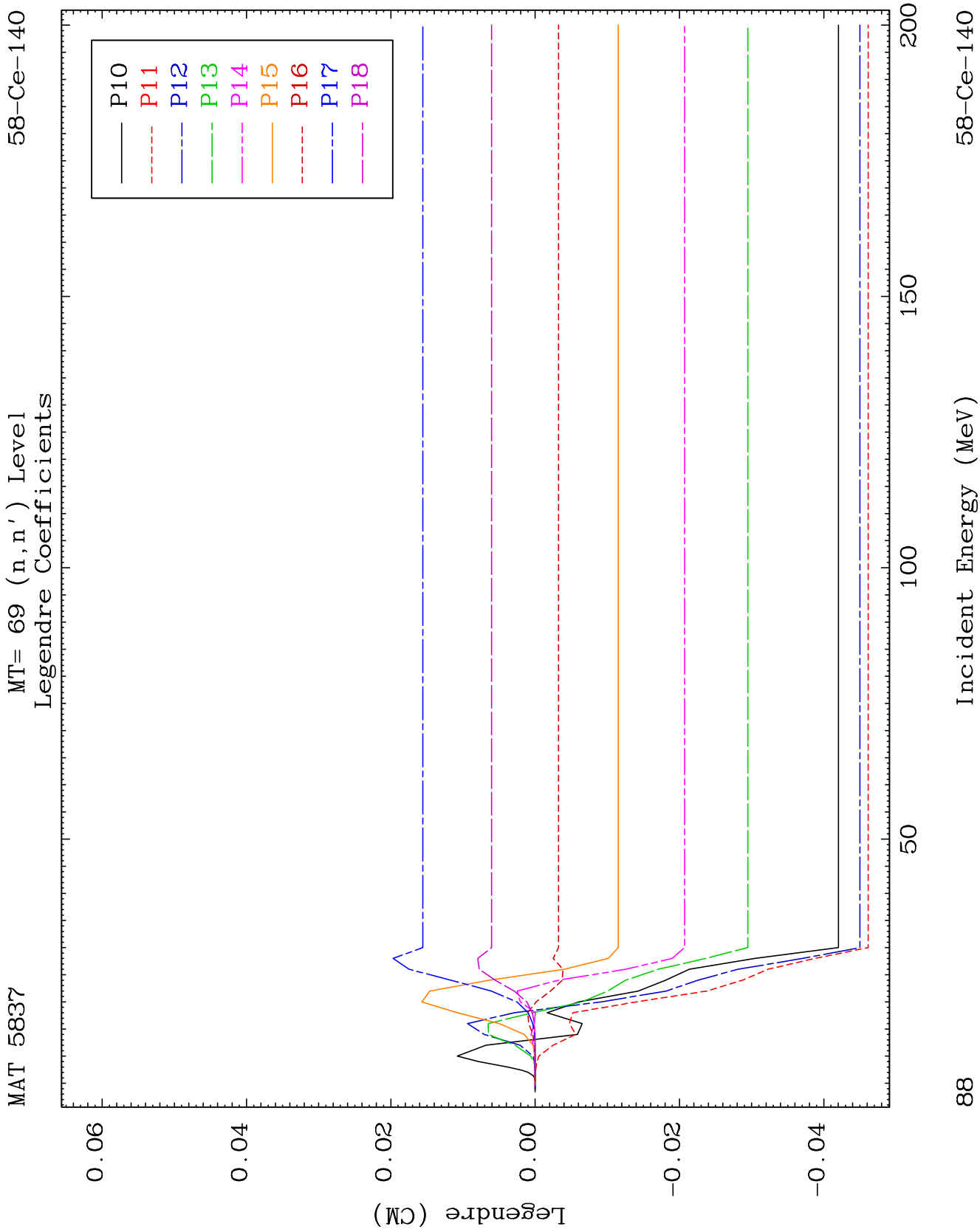
58-Ce-140

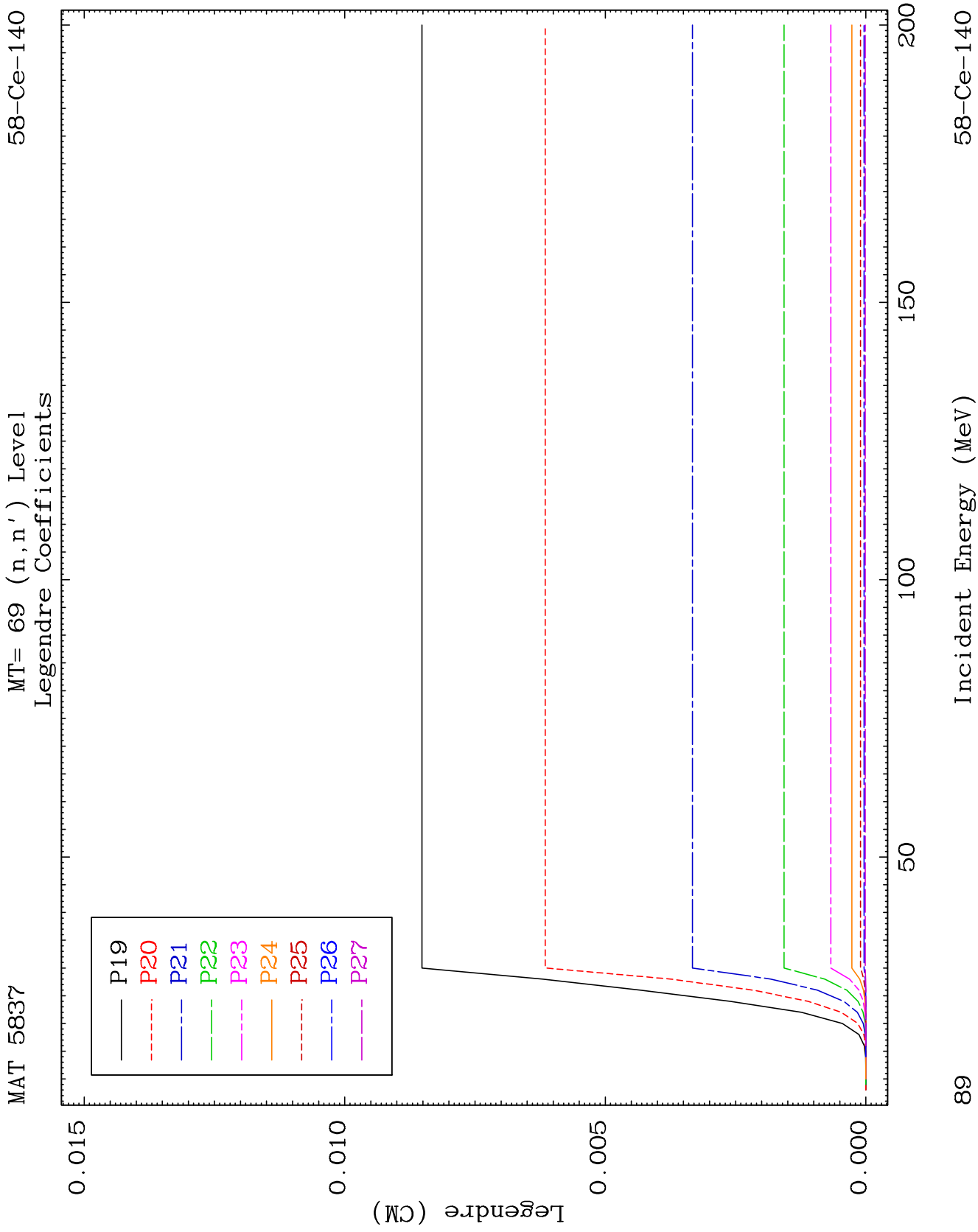


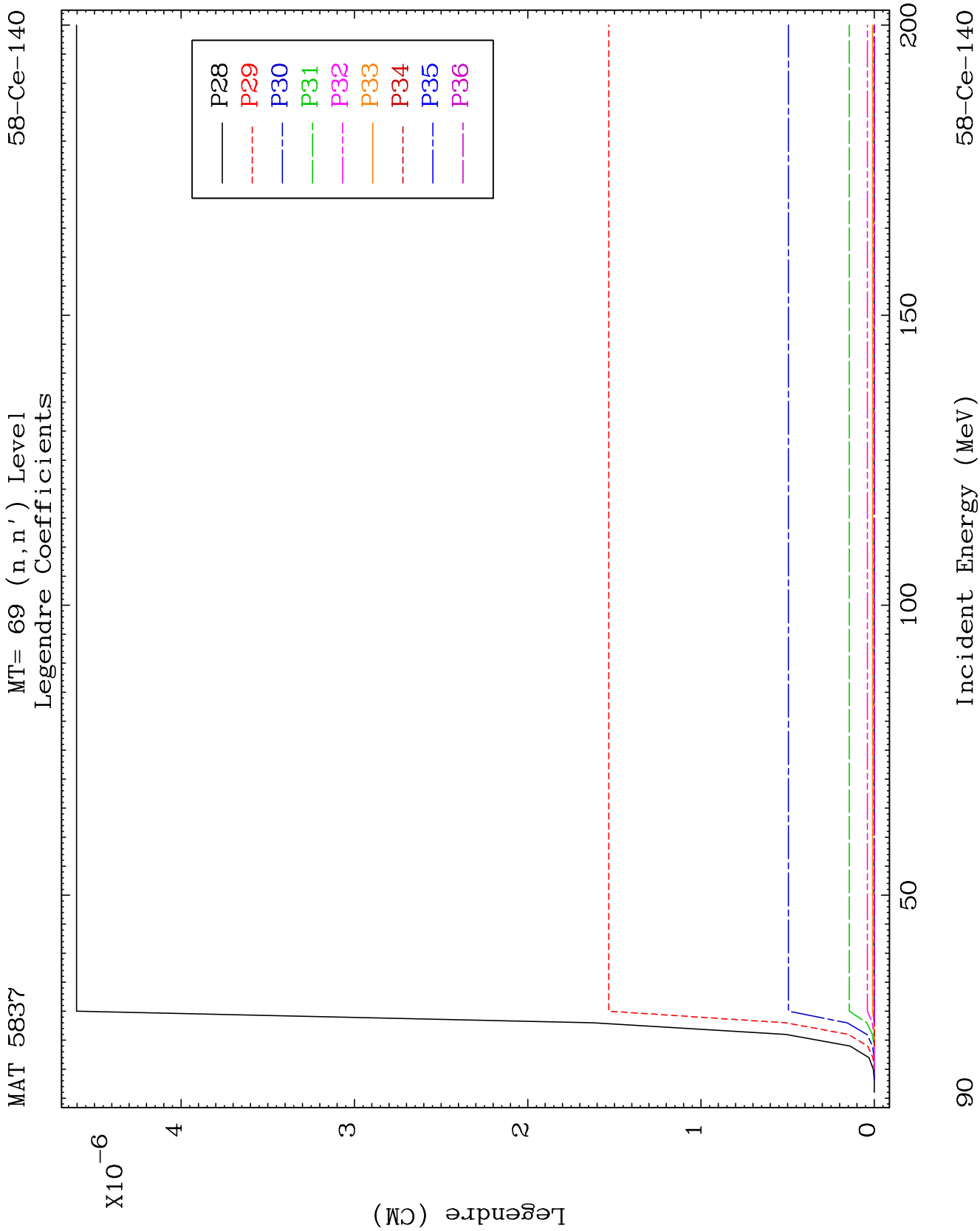


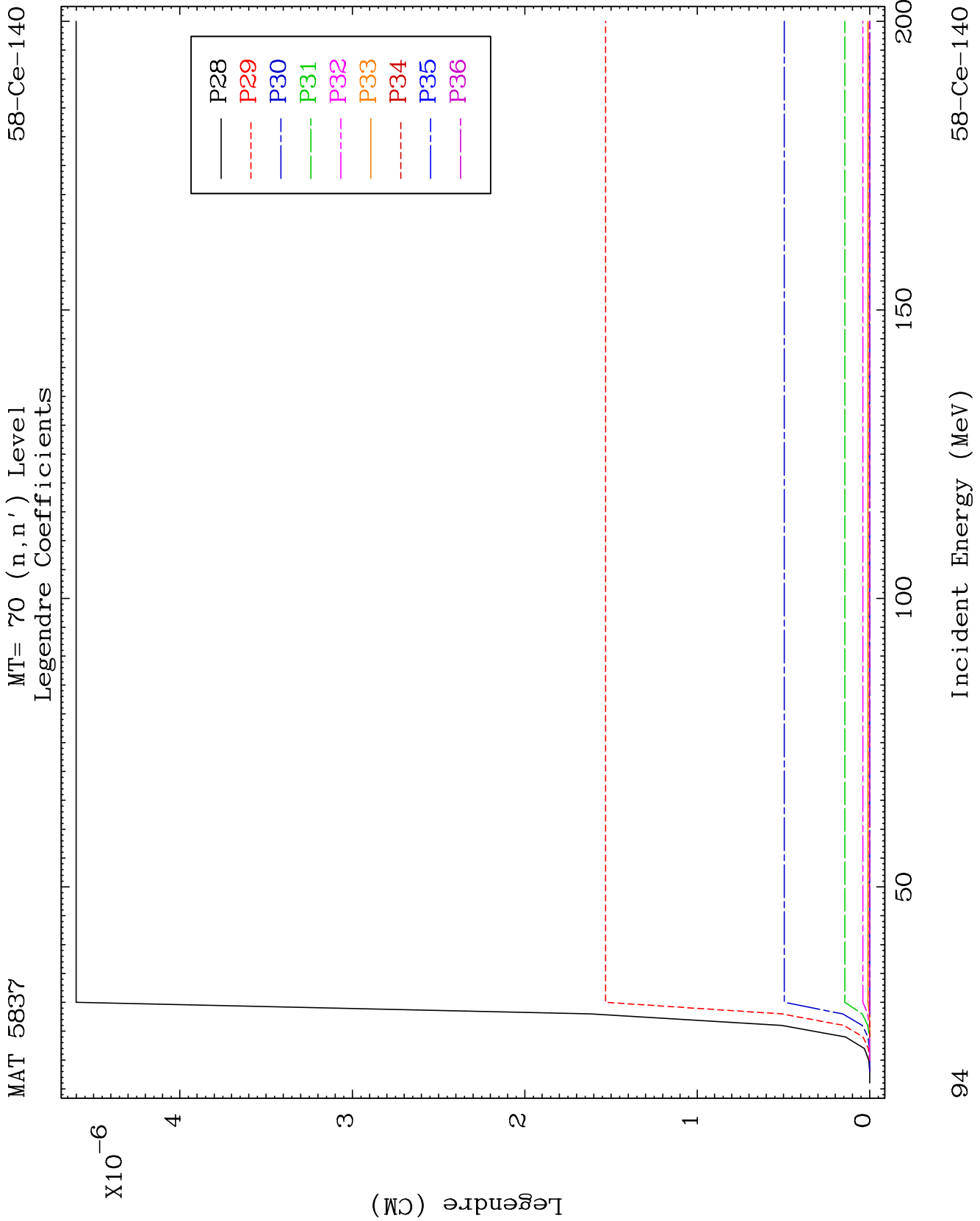


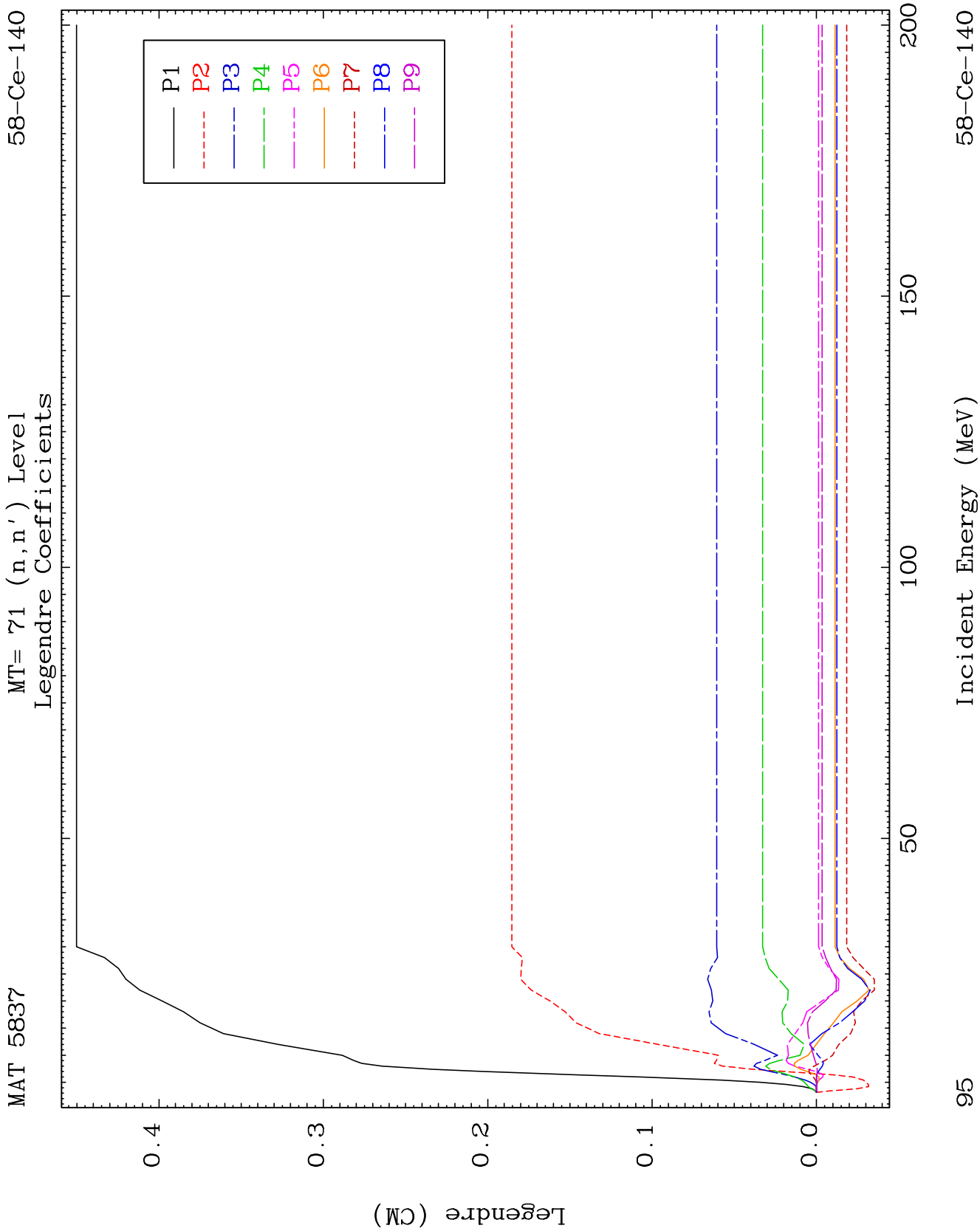








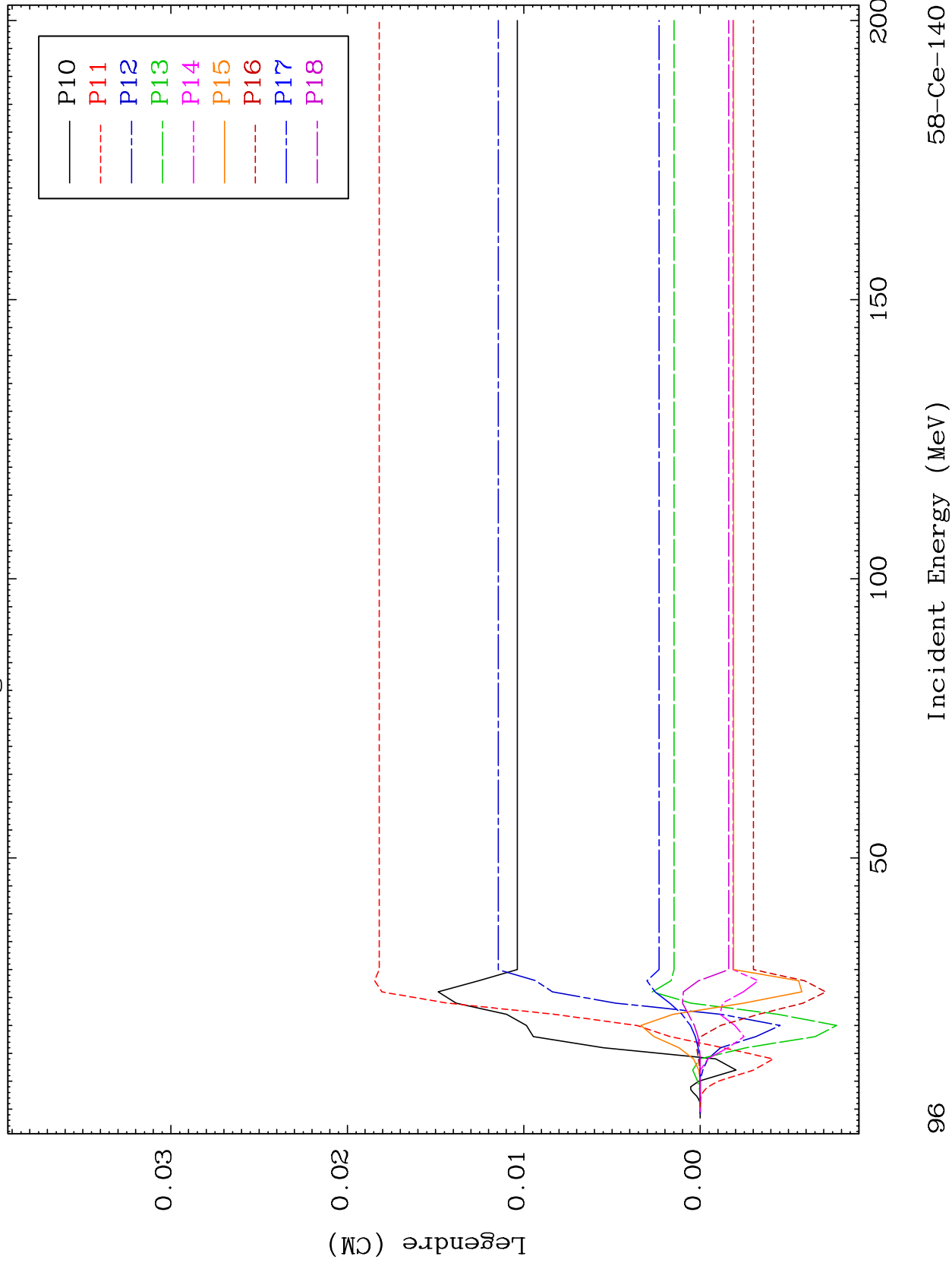


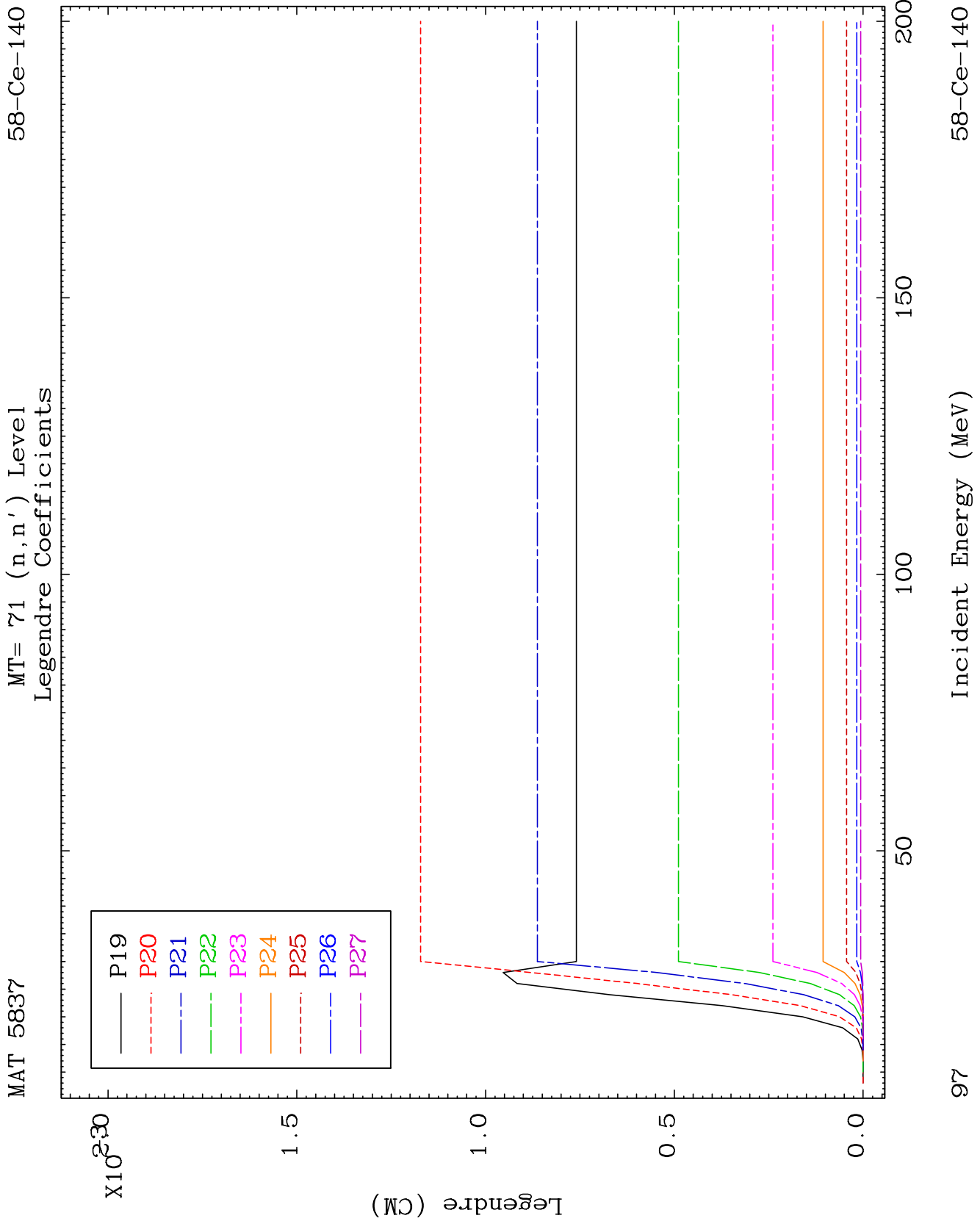


MAT 5837

MT= 71 (n, n') Level
Legendre Coefficients

58-Ce-140

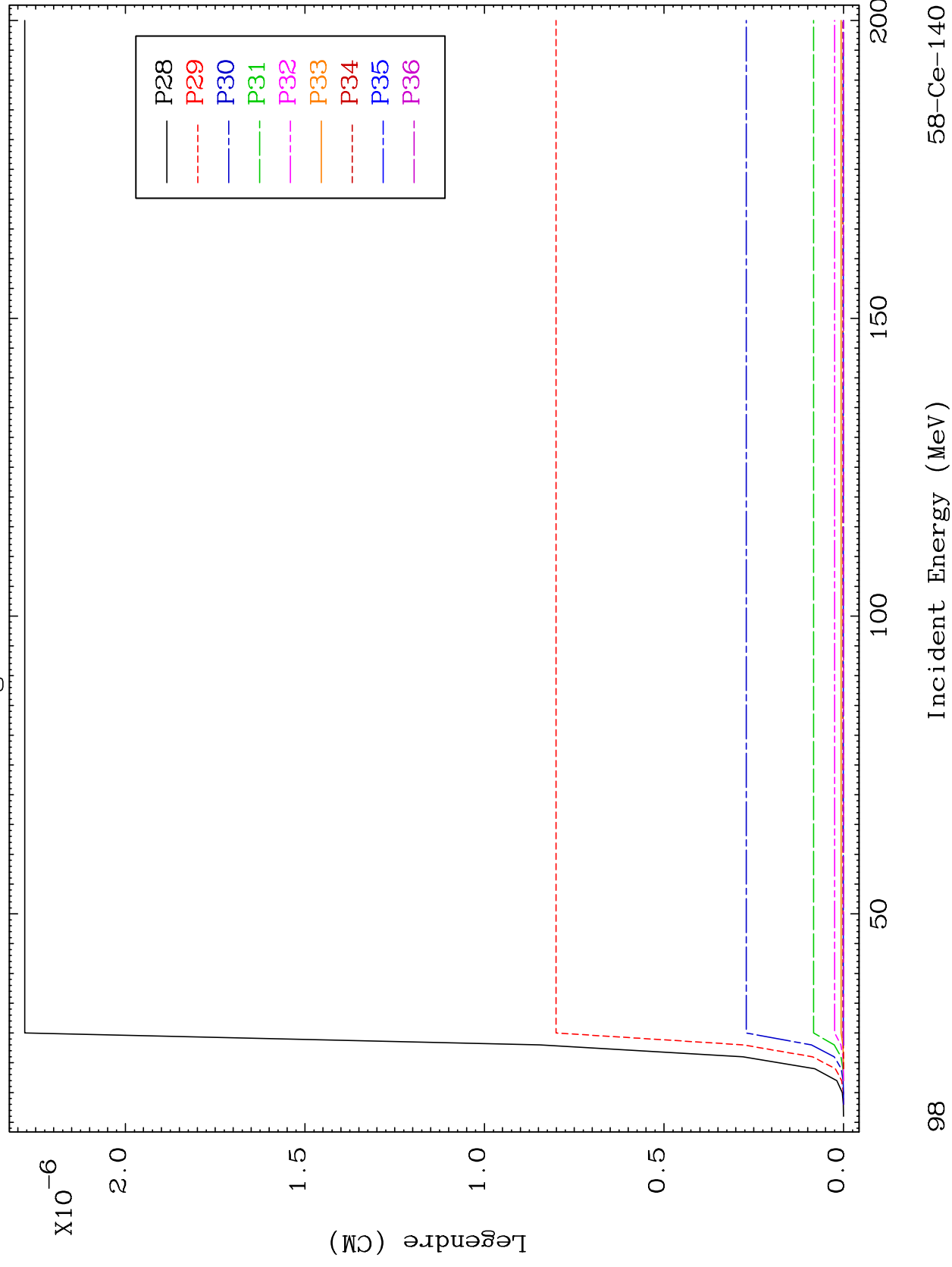


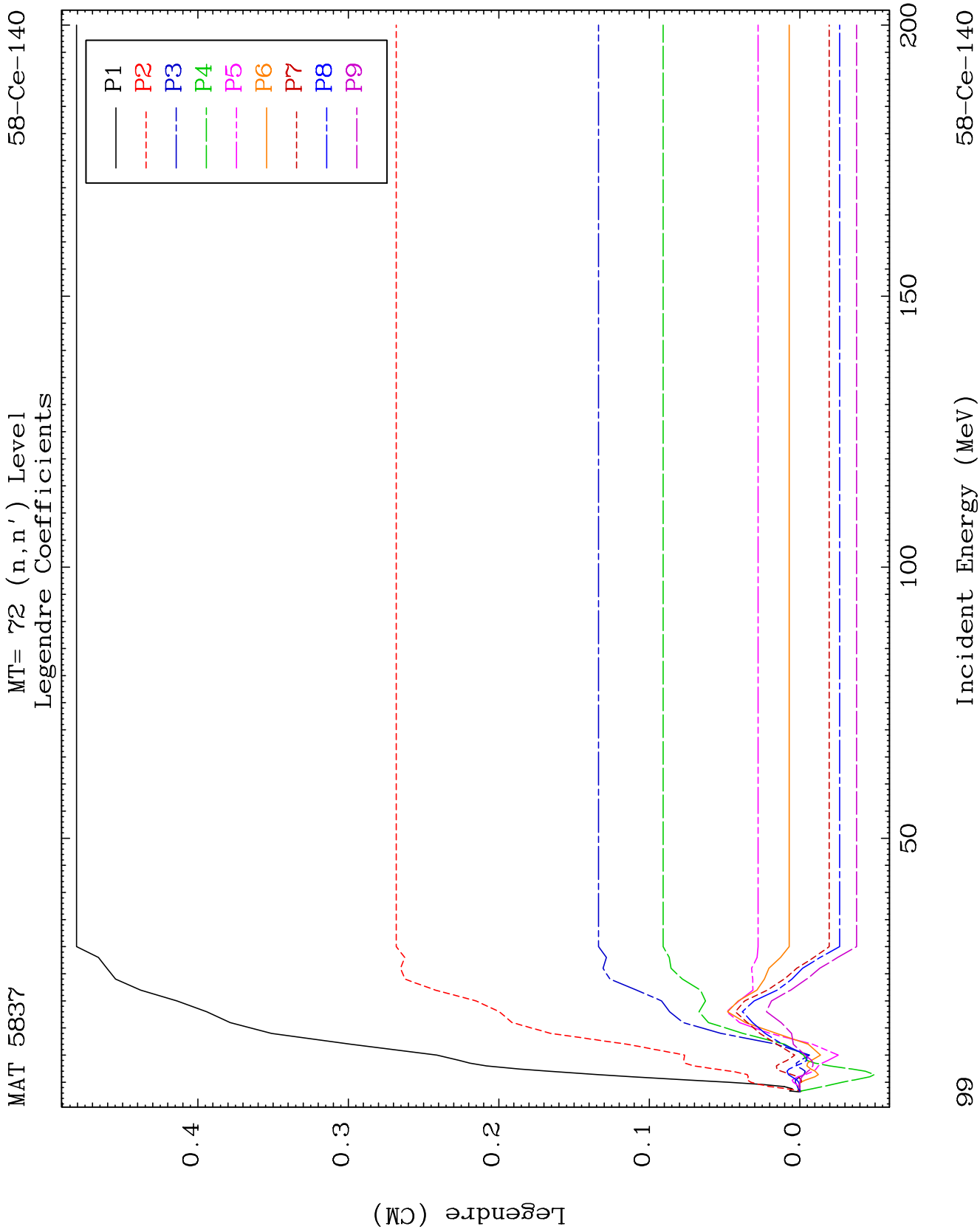


MAT 5837

MT= 71 (n, n') Level
Legendre Coefficients

58-Ce-140

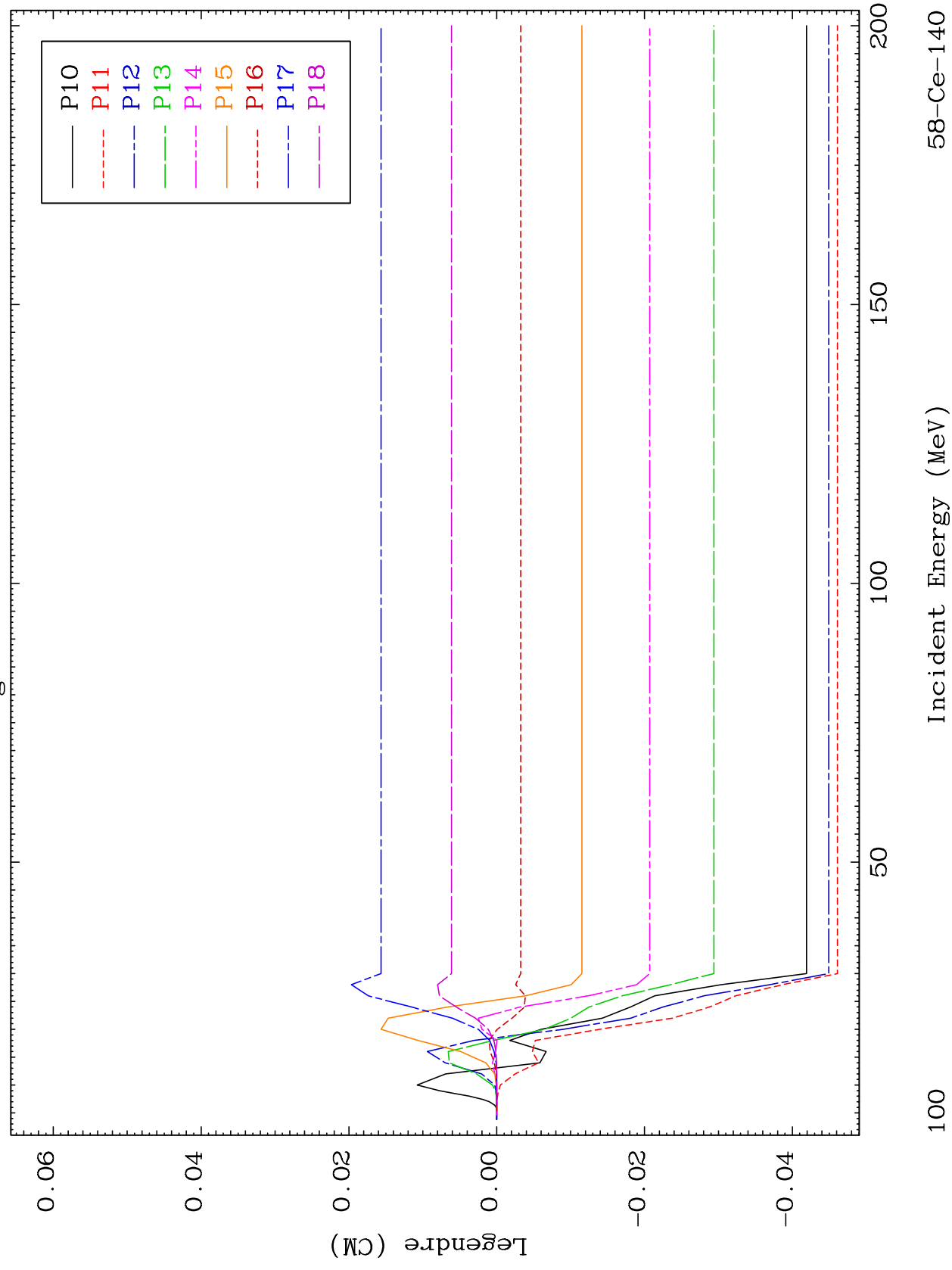


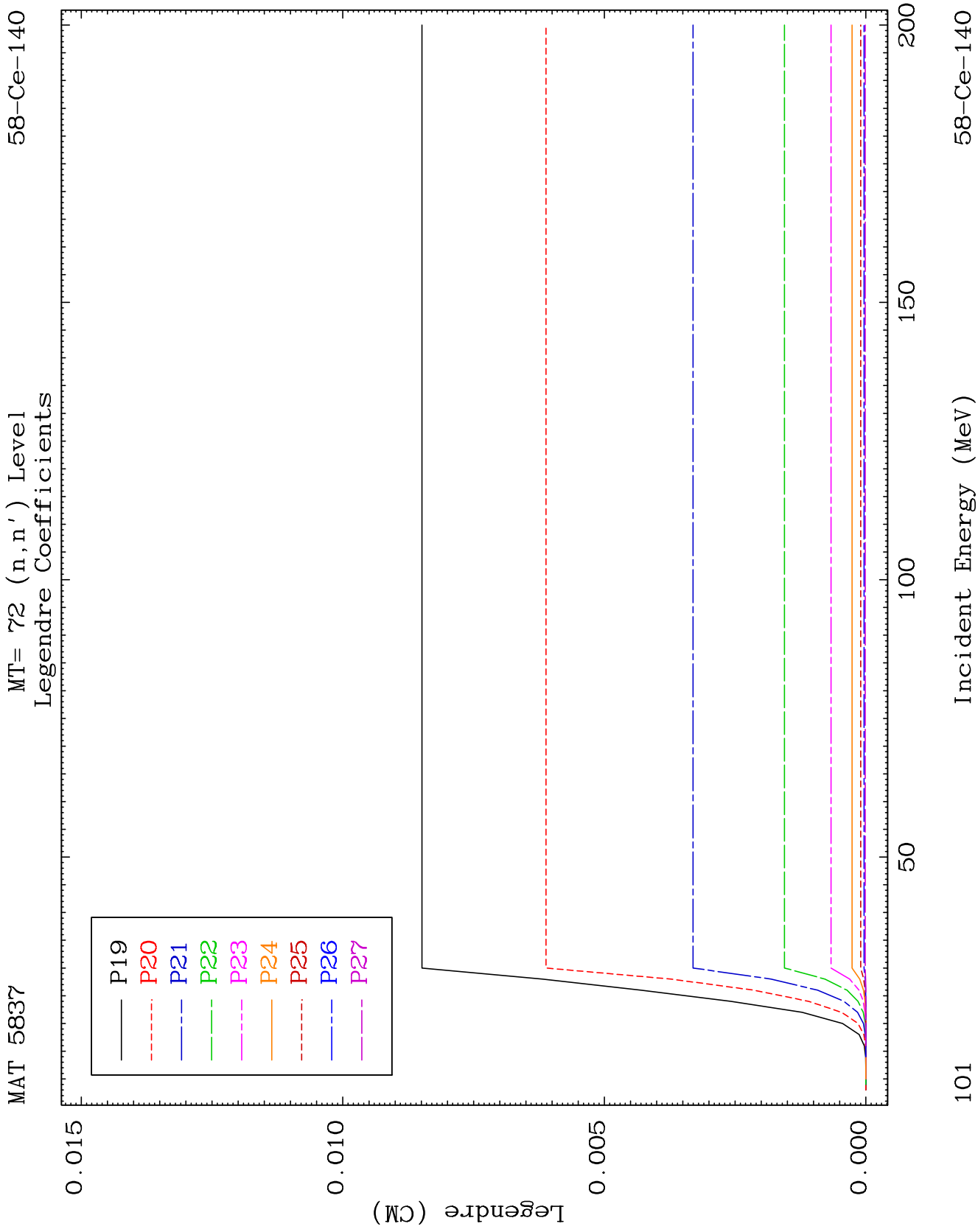


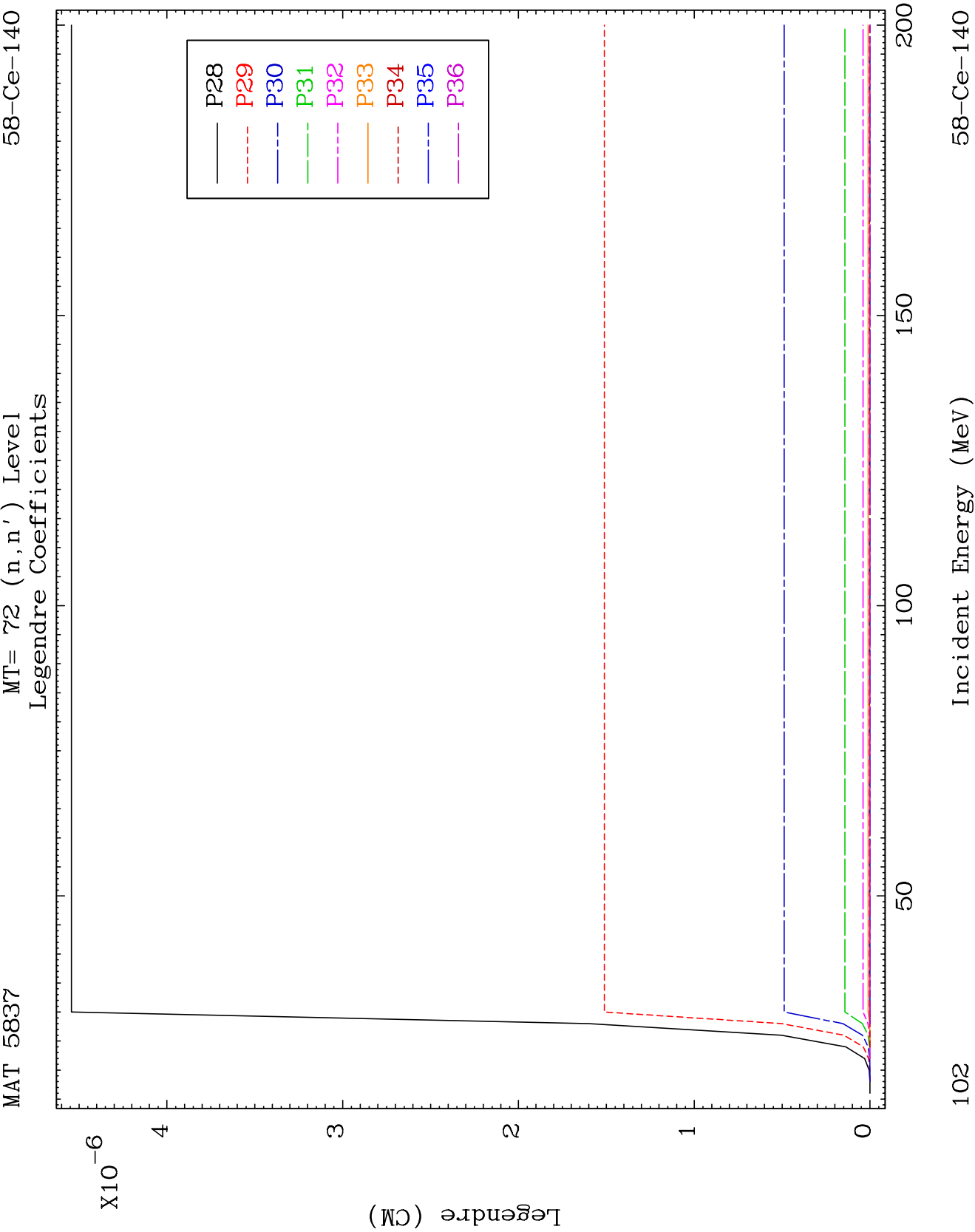
MAT 5837

MT= 72 (n, n') Level
Legendre Coefficients

58-Ce-140



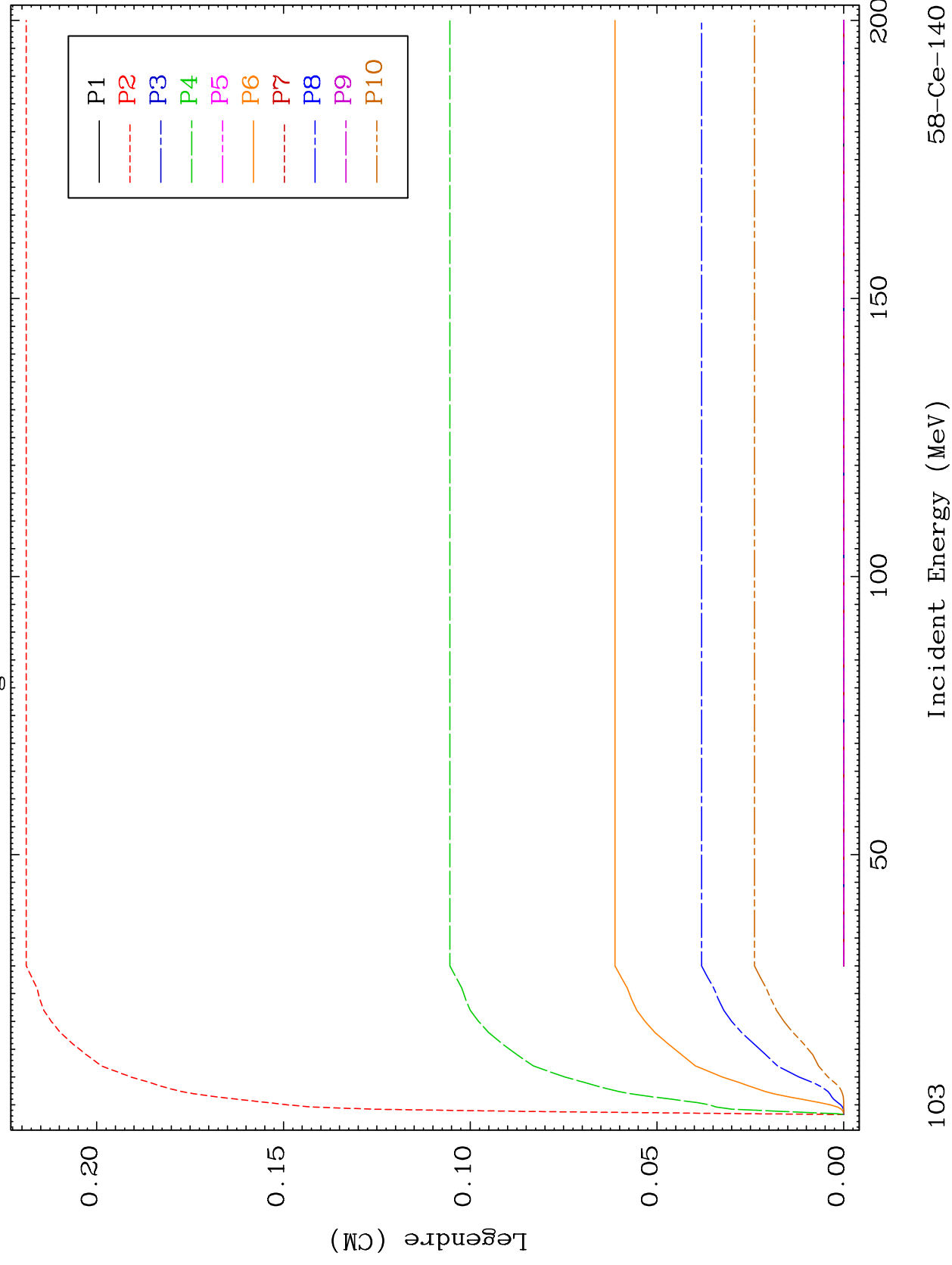


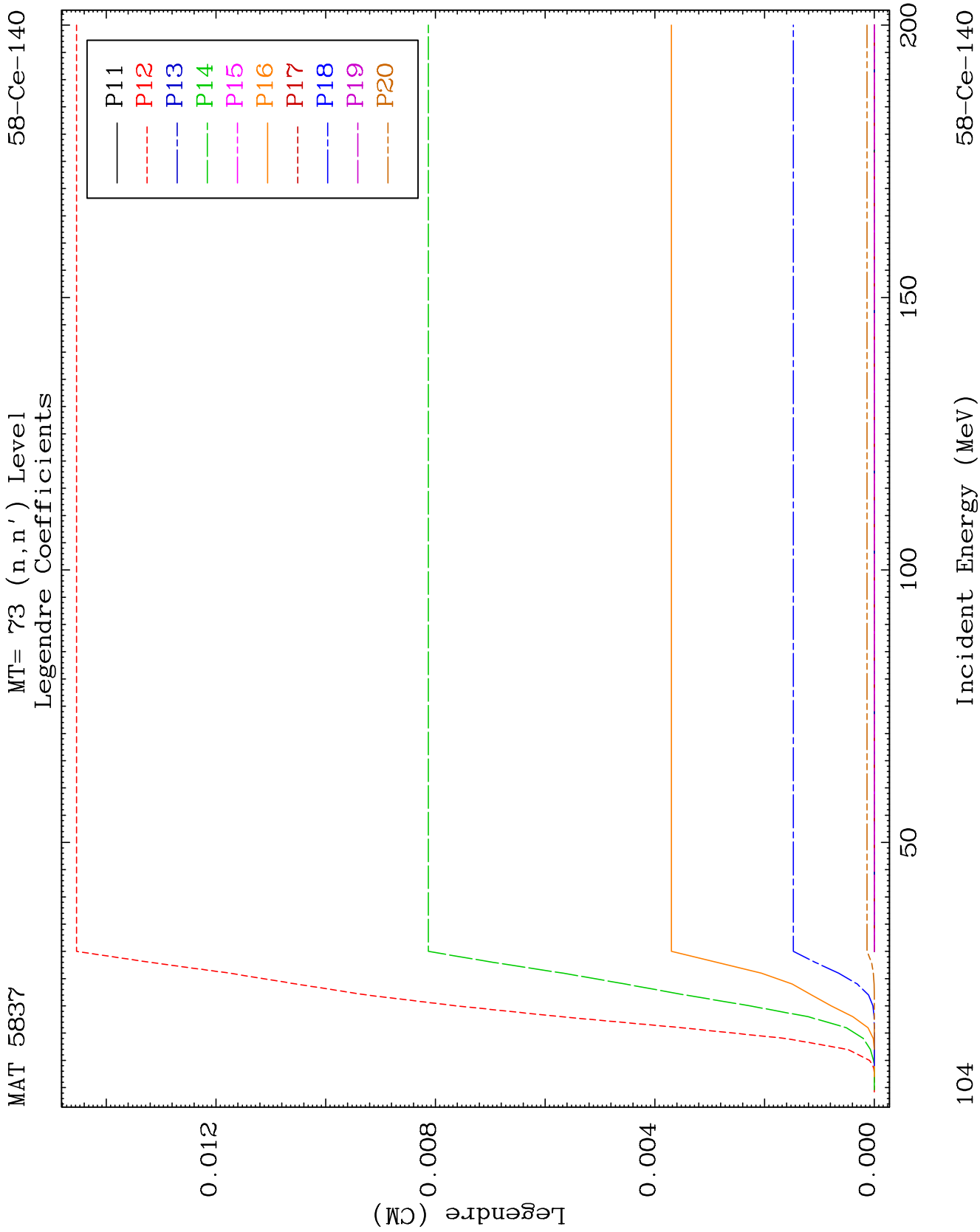


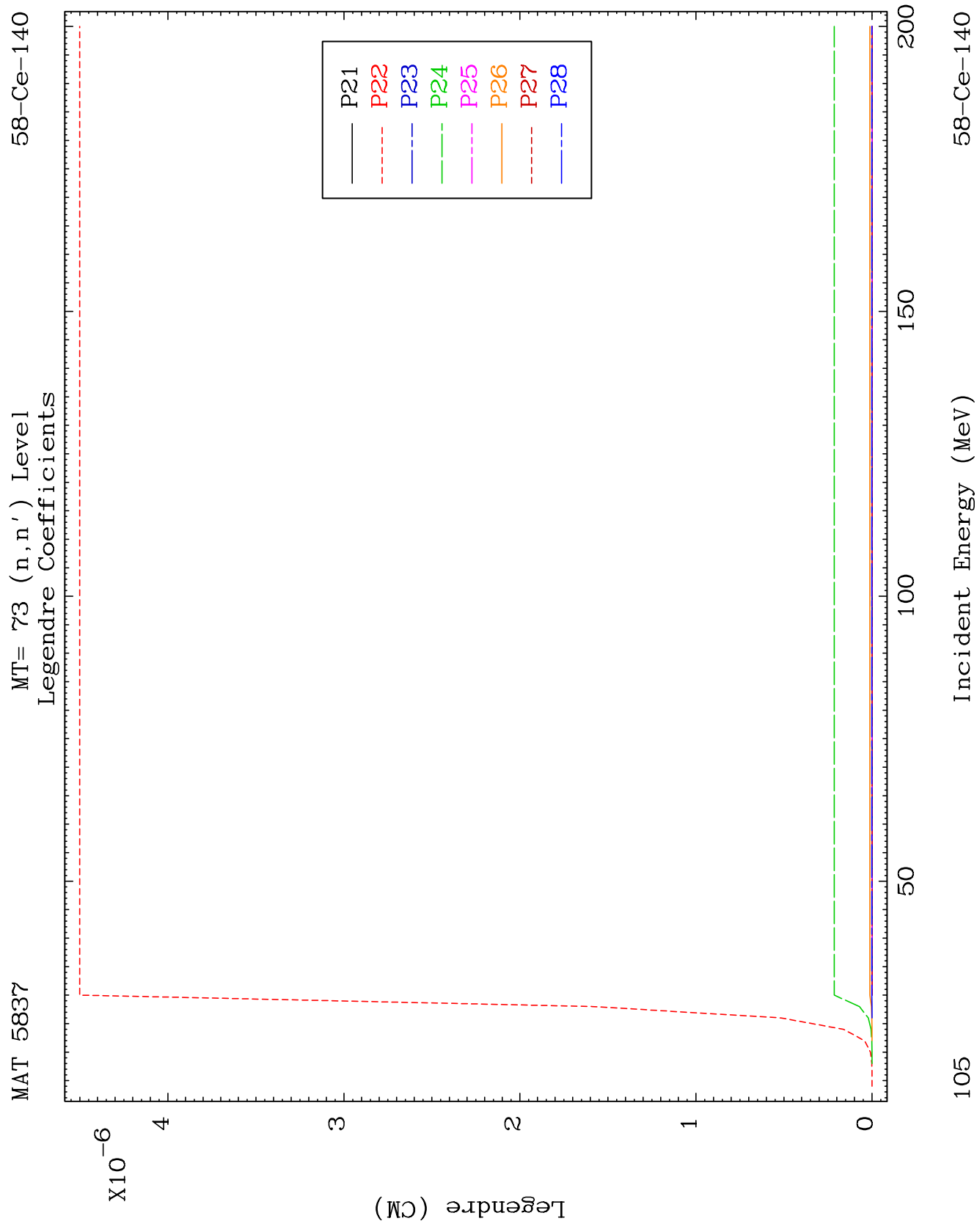
MAT 5837

MT= 73 (n, n') Level
Legendre Coefficients

58-Ce-140



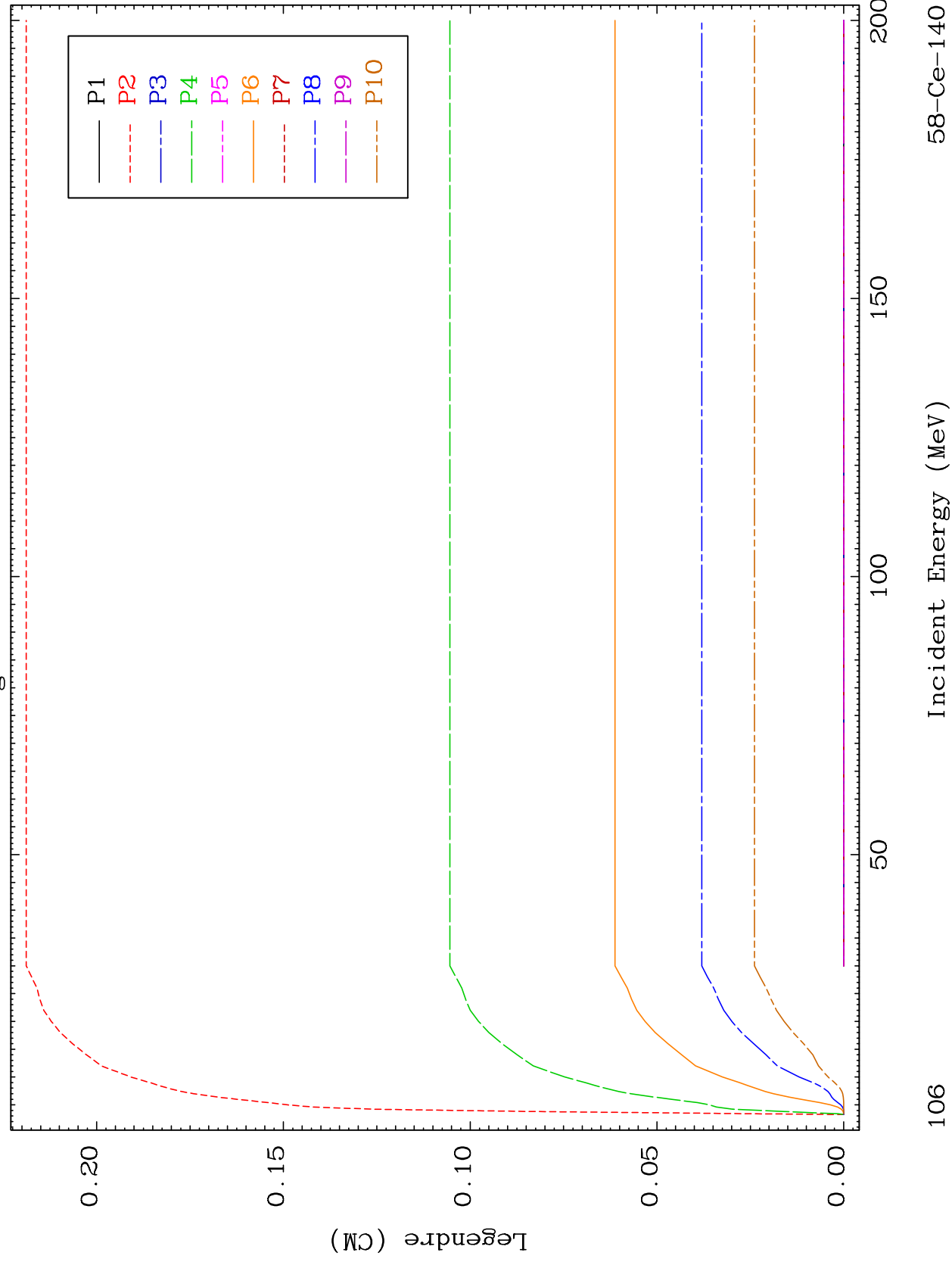


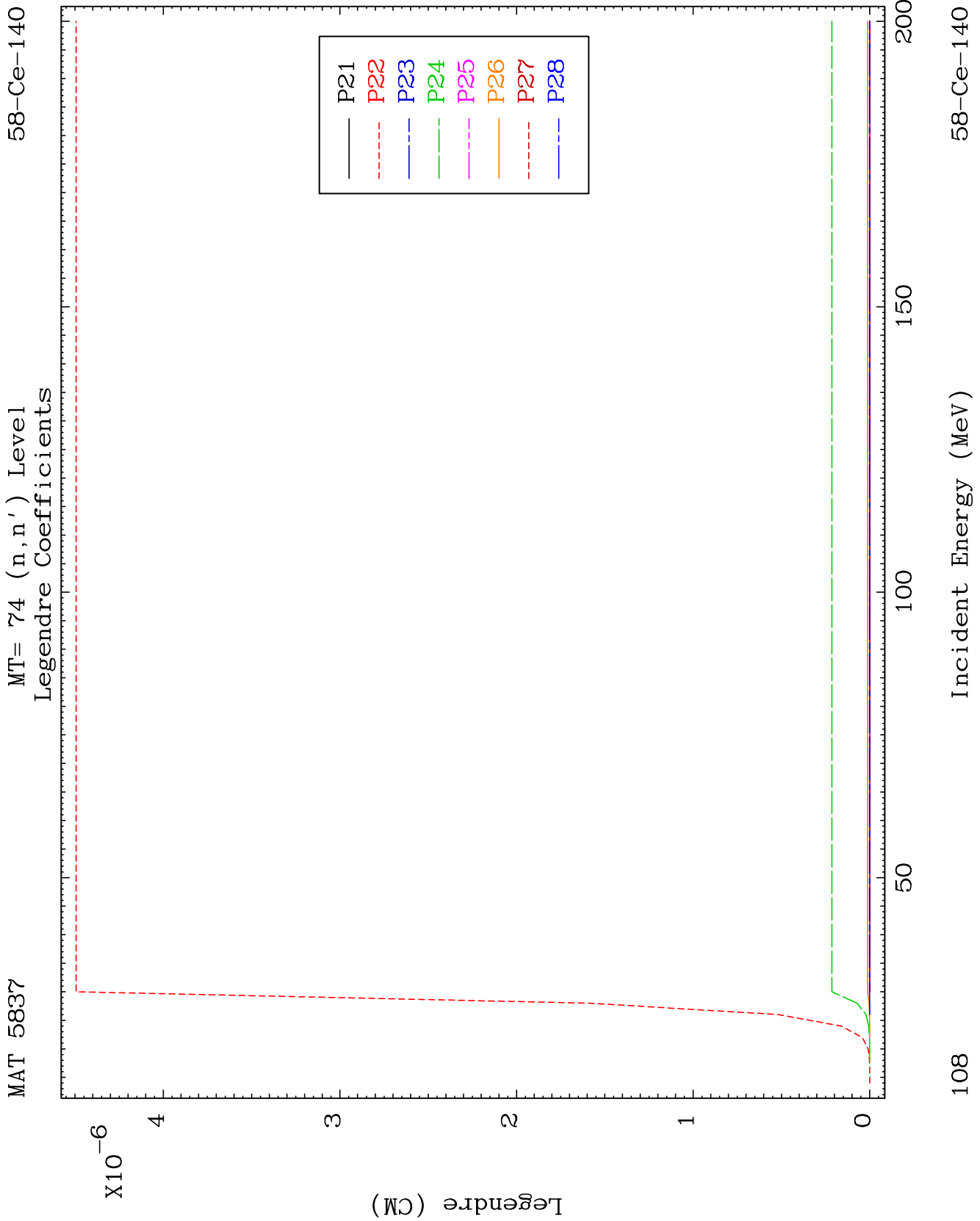


MAT 5837

MT= 74 (n, n') Level
Legendre Coefficients

58-Ce-140

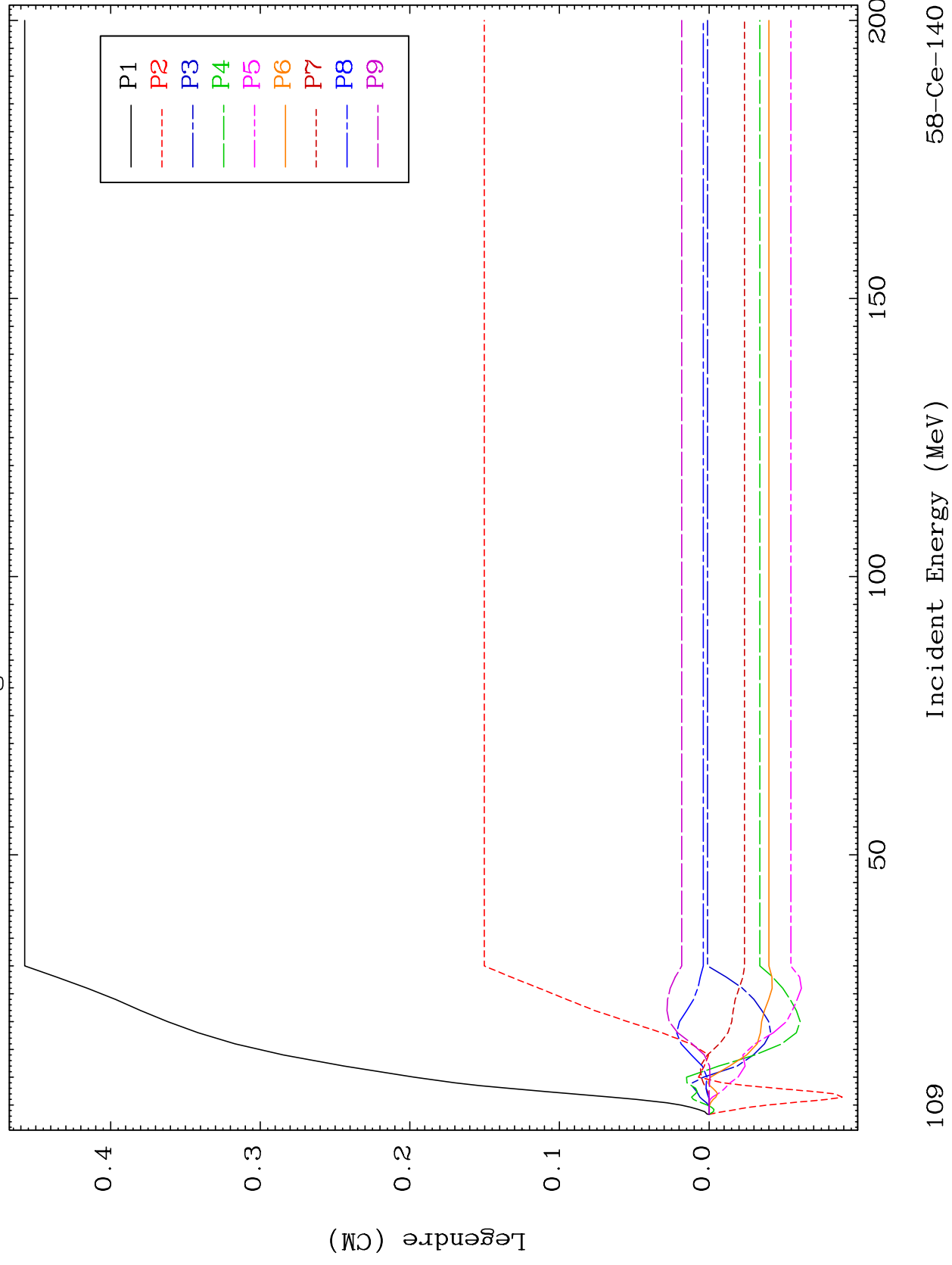




MAT 5837

MT= 75 (n, n') Level
Legendre Coefficients

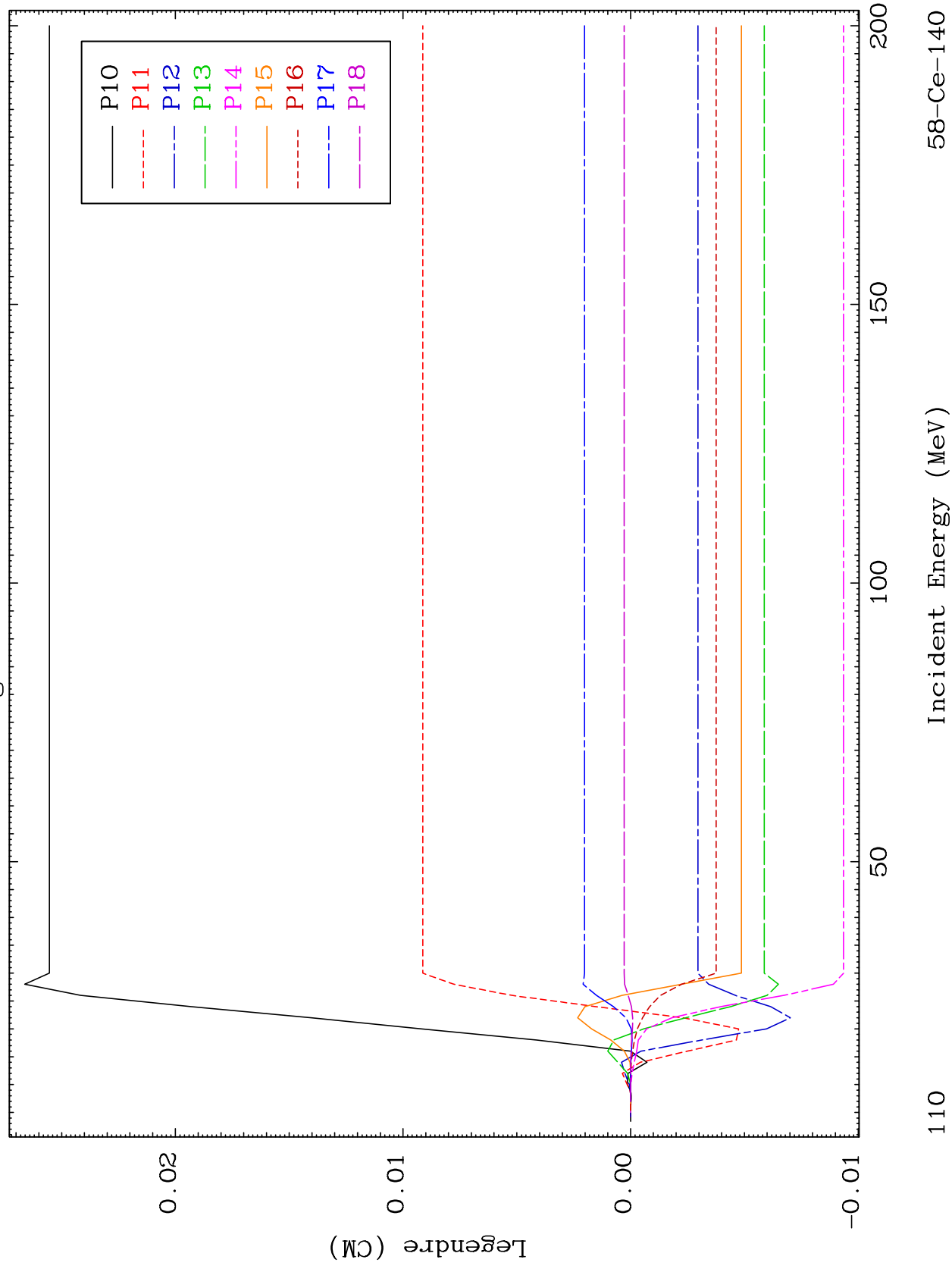
58-Ce-140

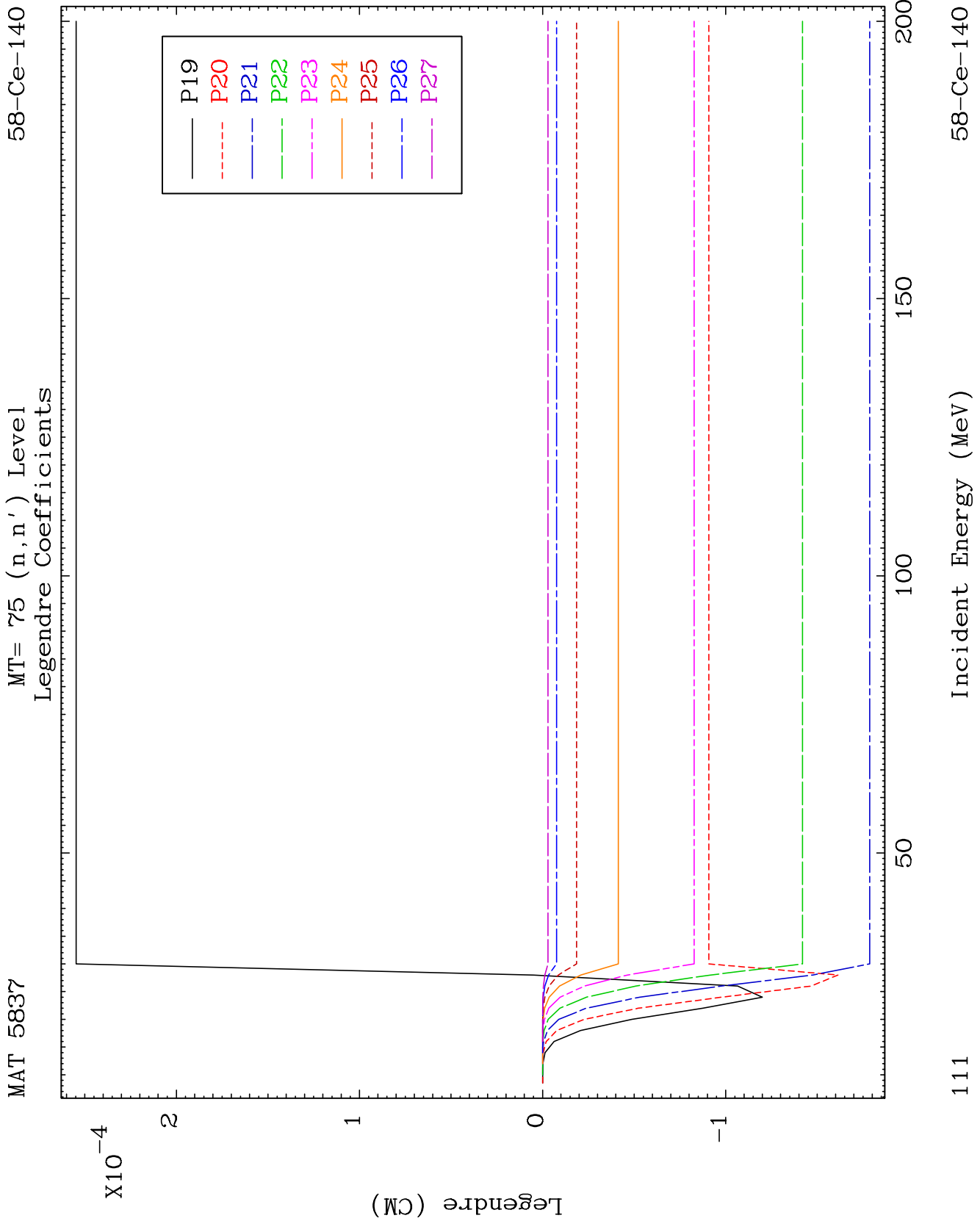


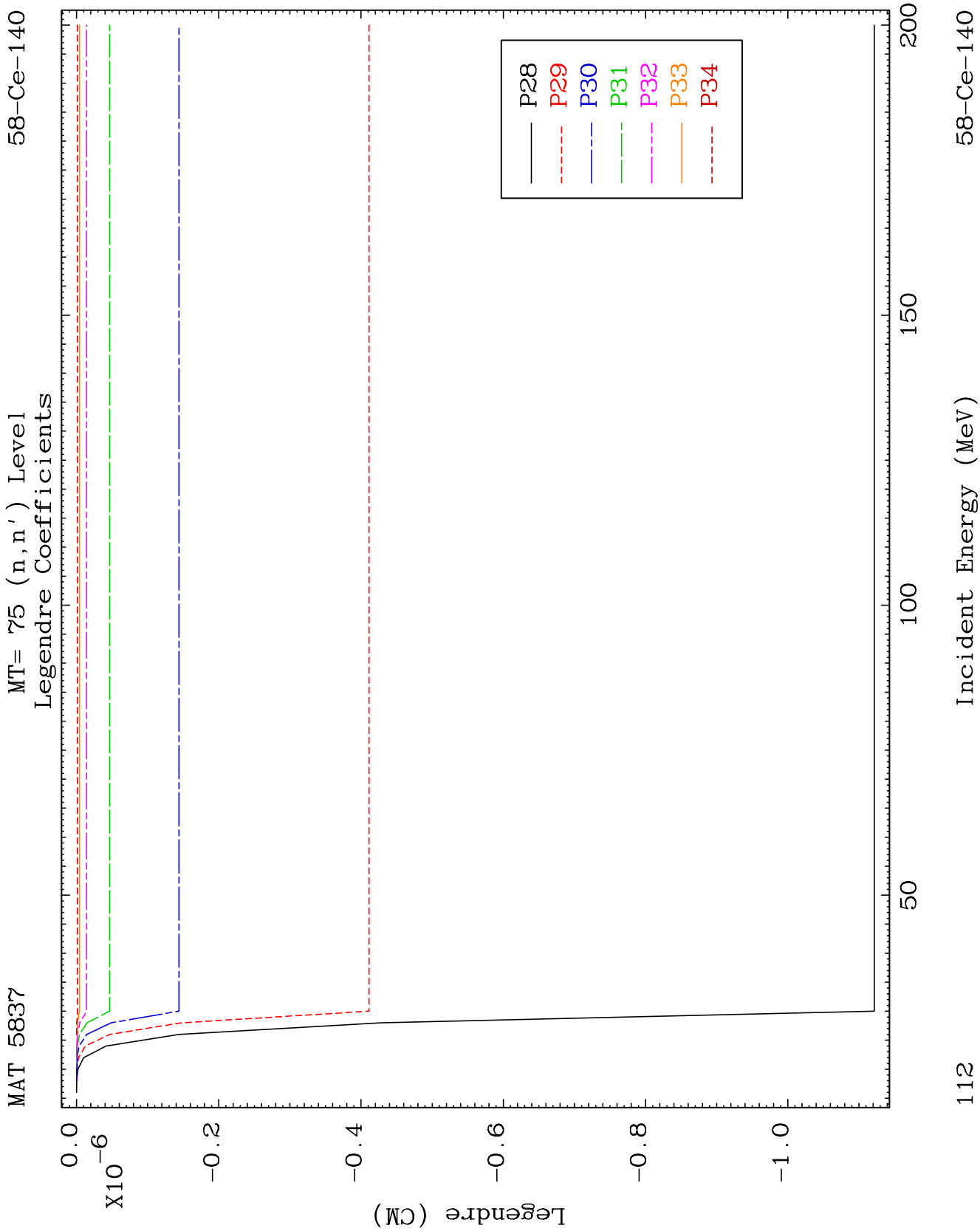
MAT 5837

MT= 75 (n, n') Level
Legendre Coefficients

58-Ce-140



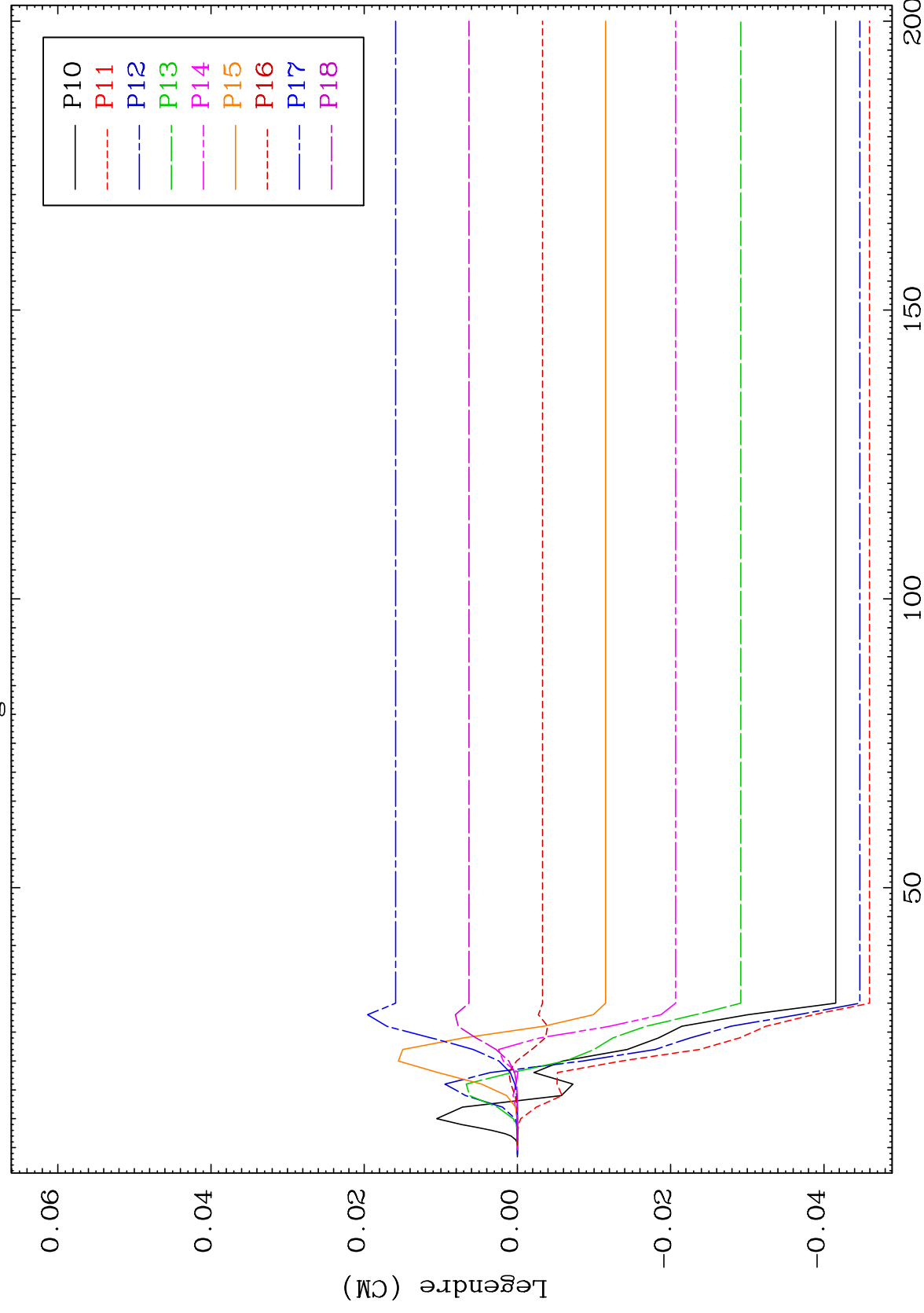




MAT 5837

MT= 76 (n, n') Level
Legendre Coefficients

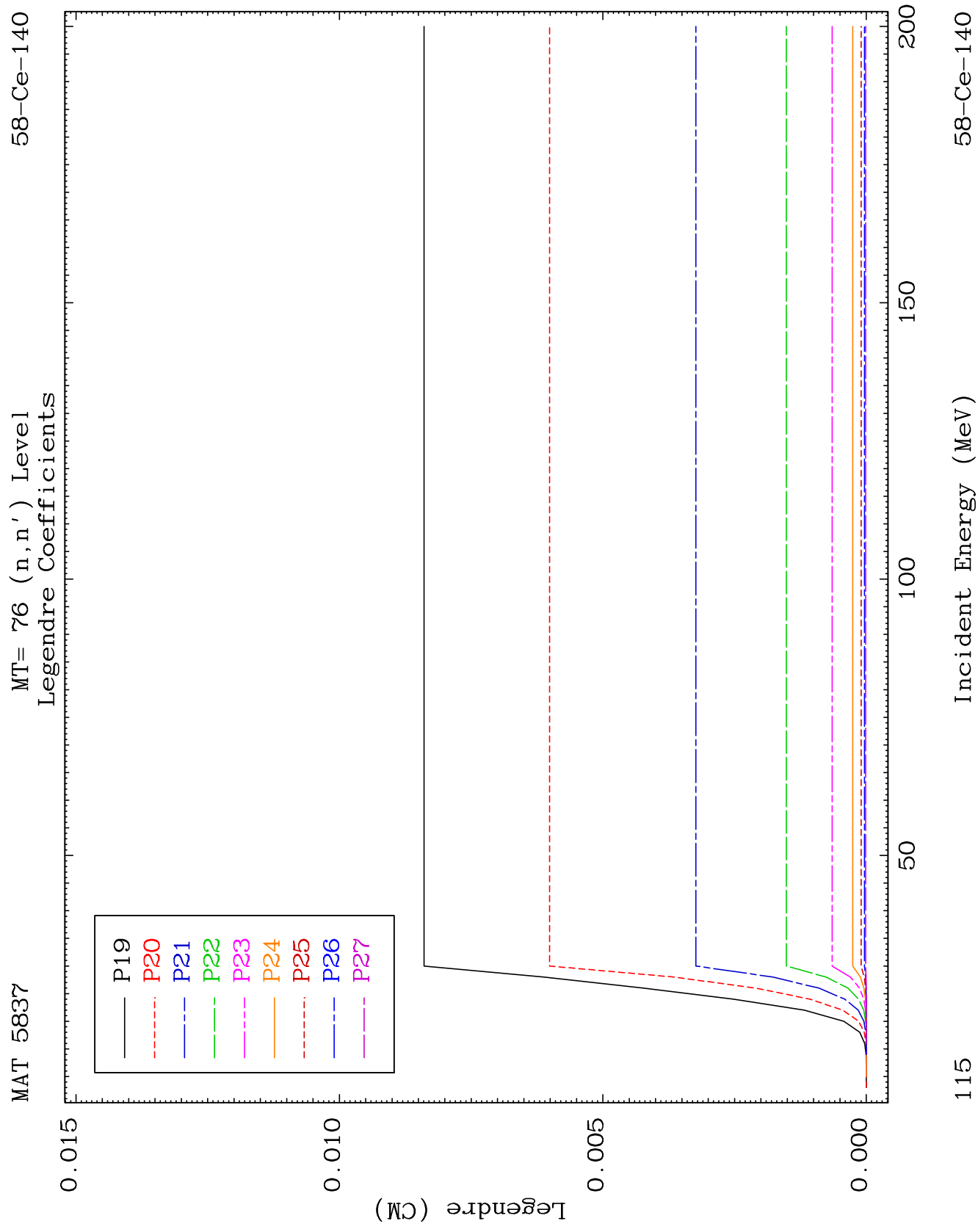
58-Ce-140

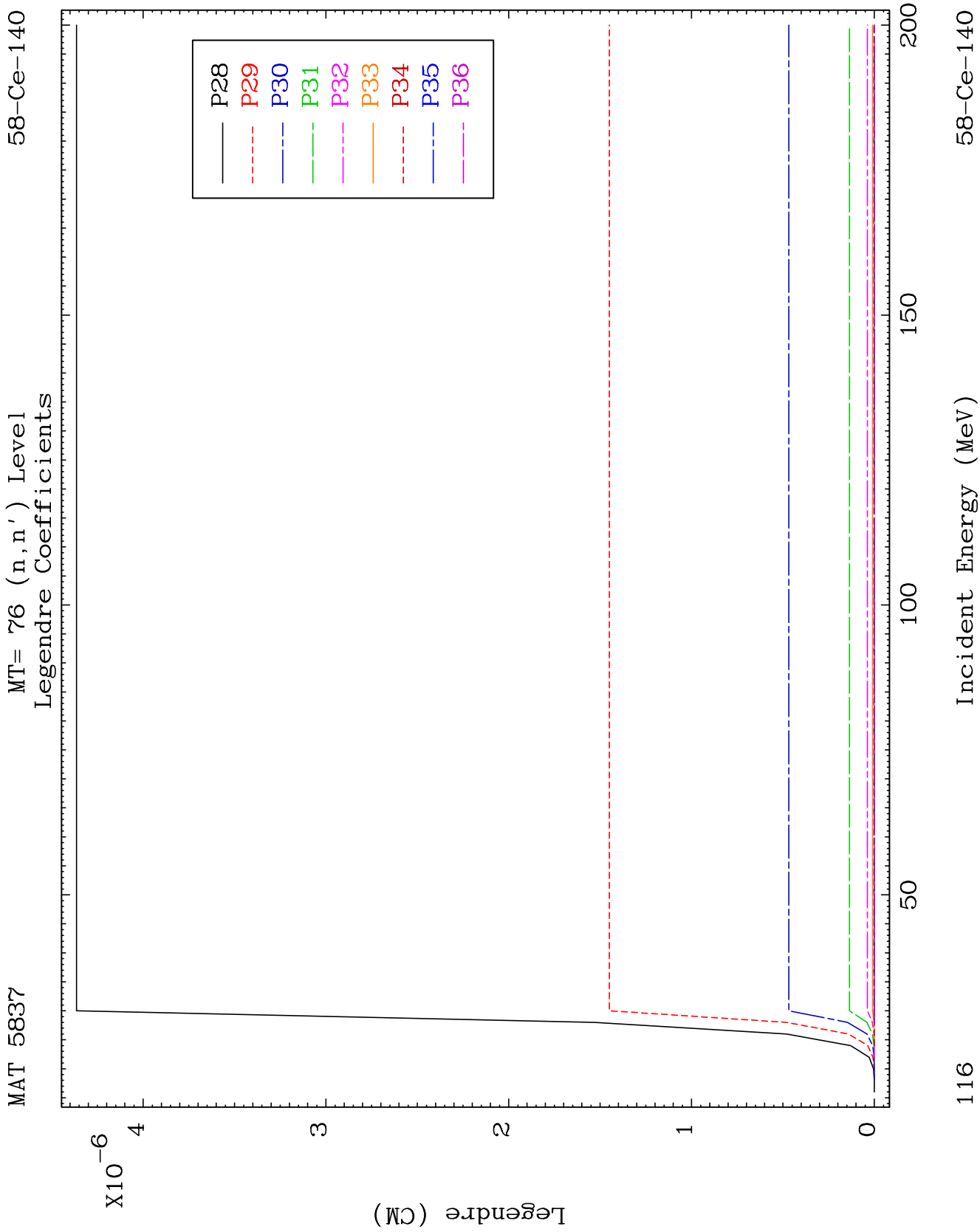


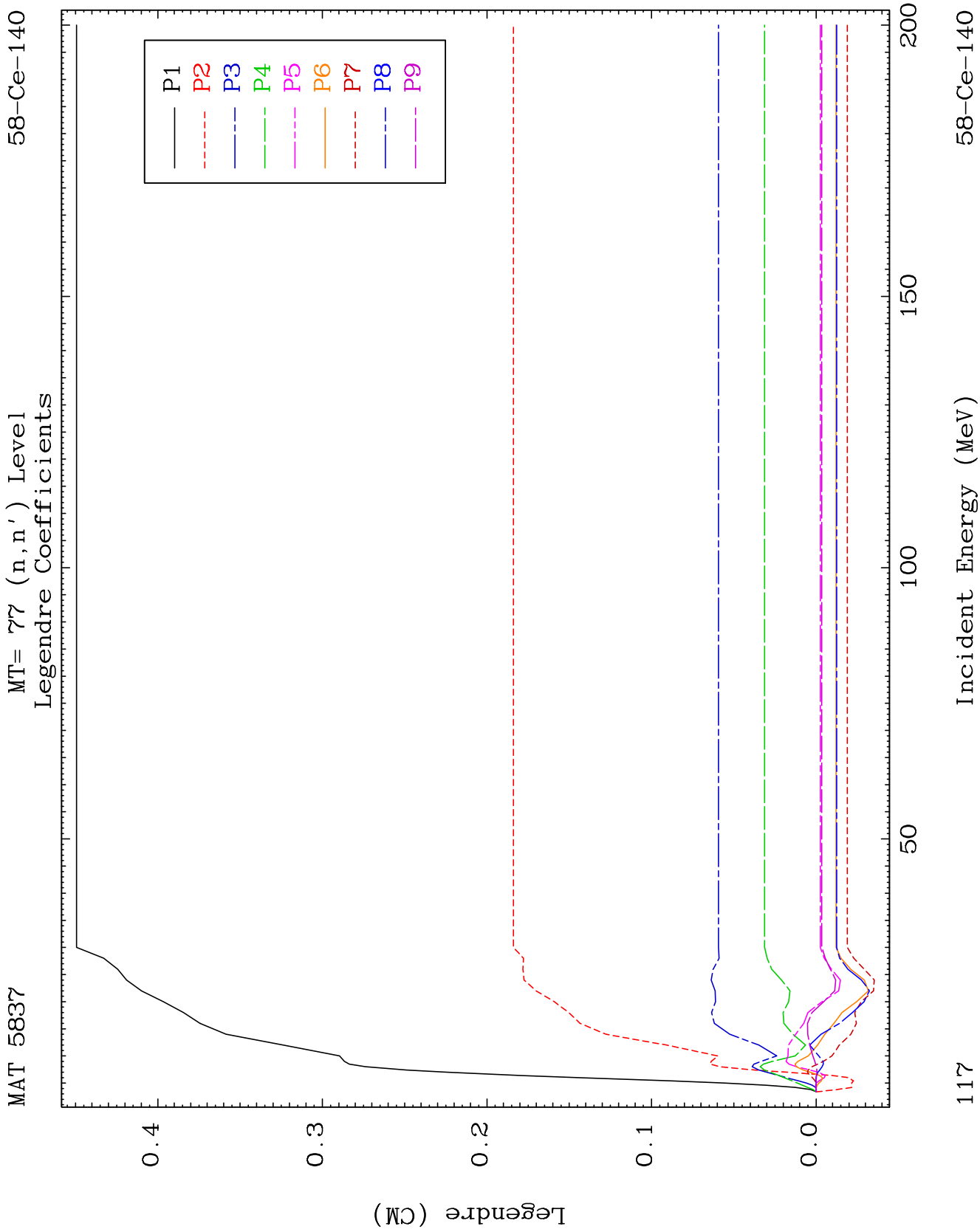
114

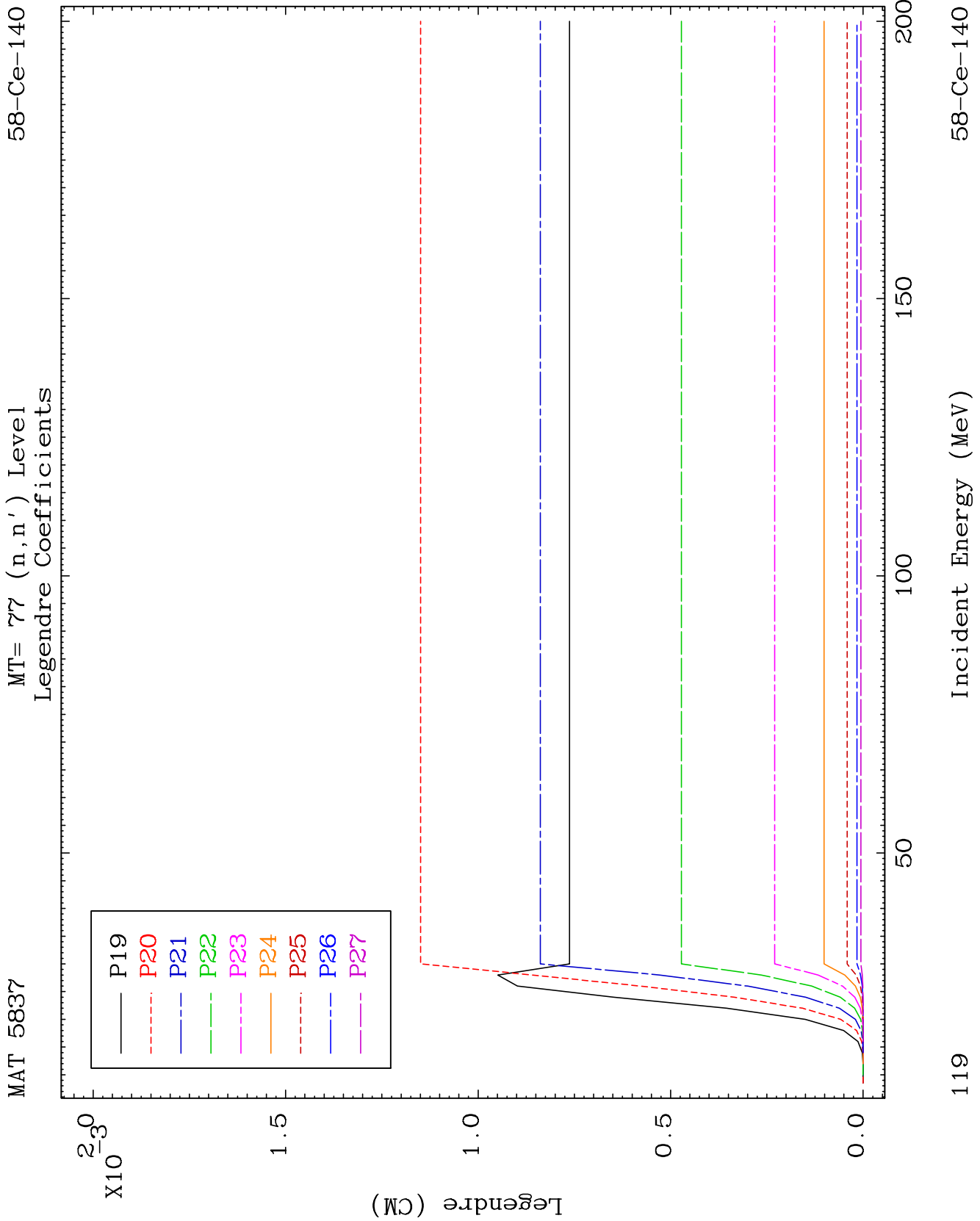
Incident Energy (MeV)

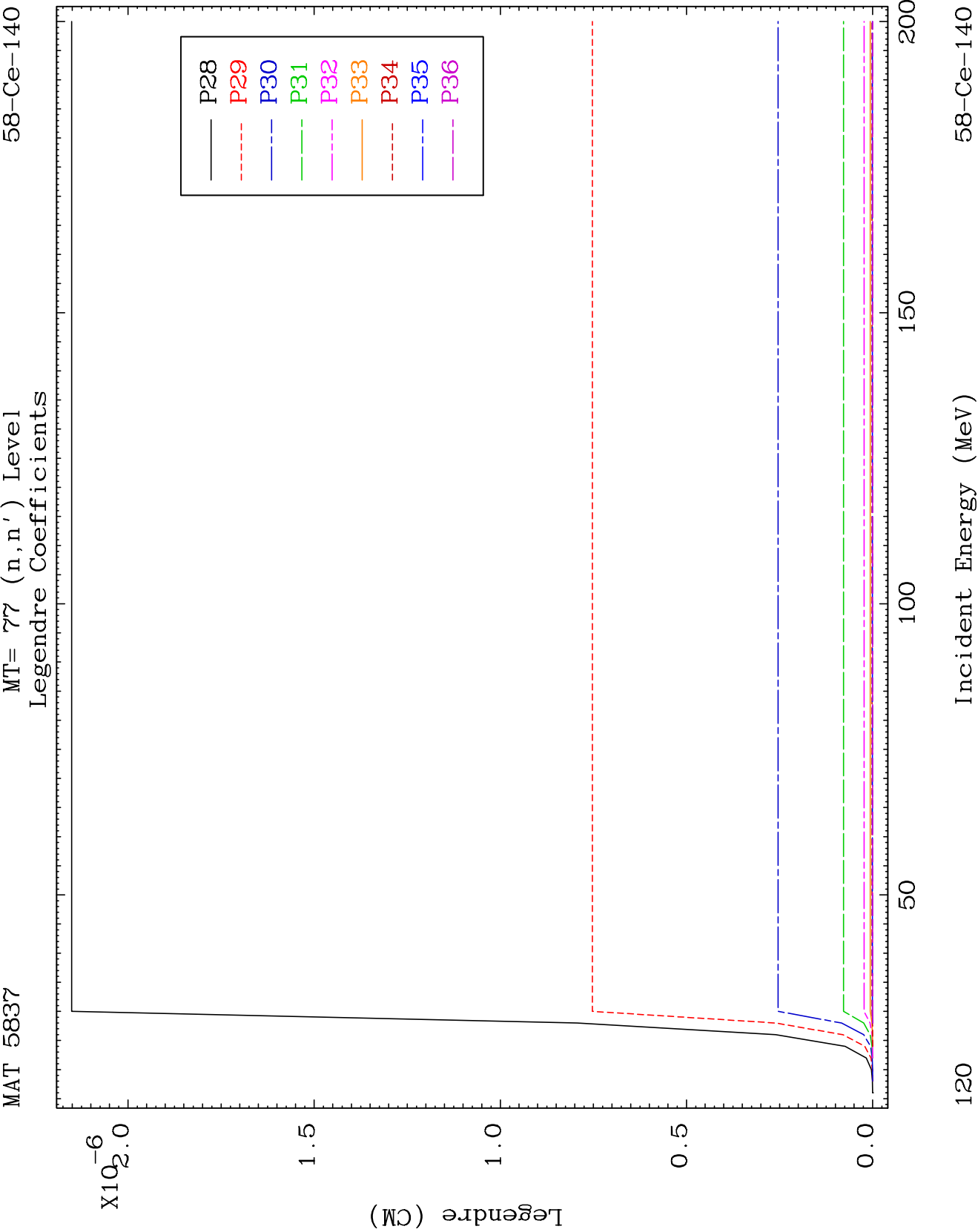
58-Ce-140

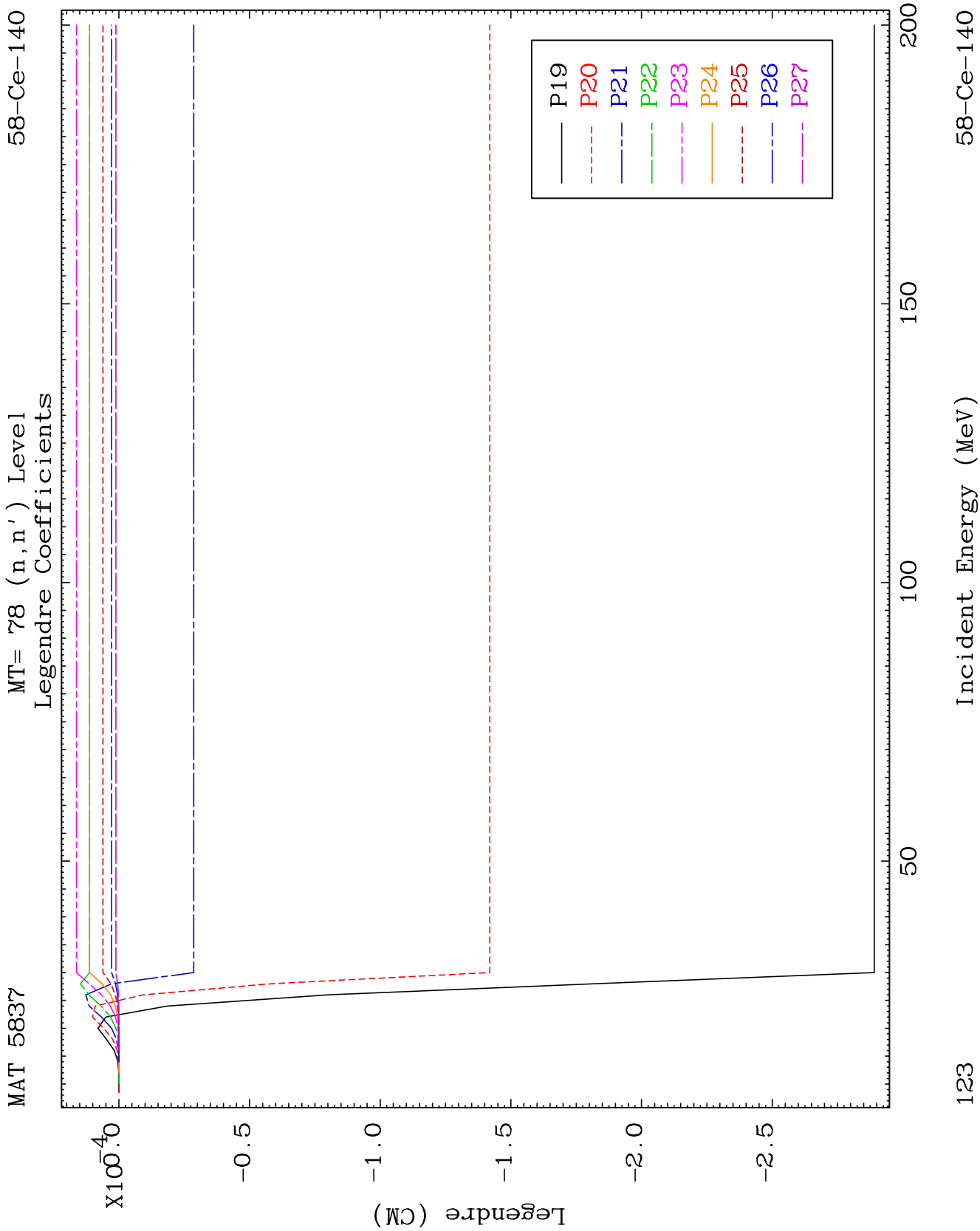


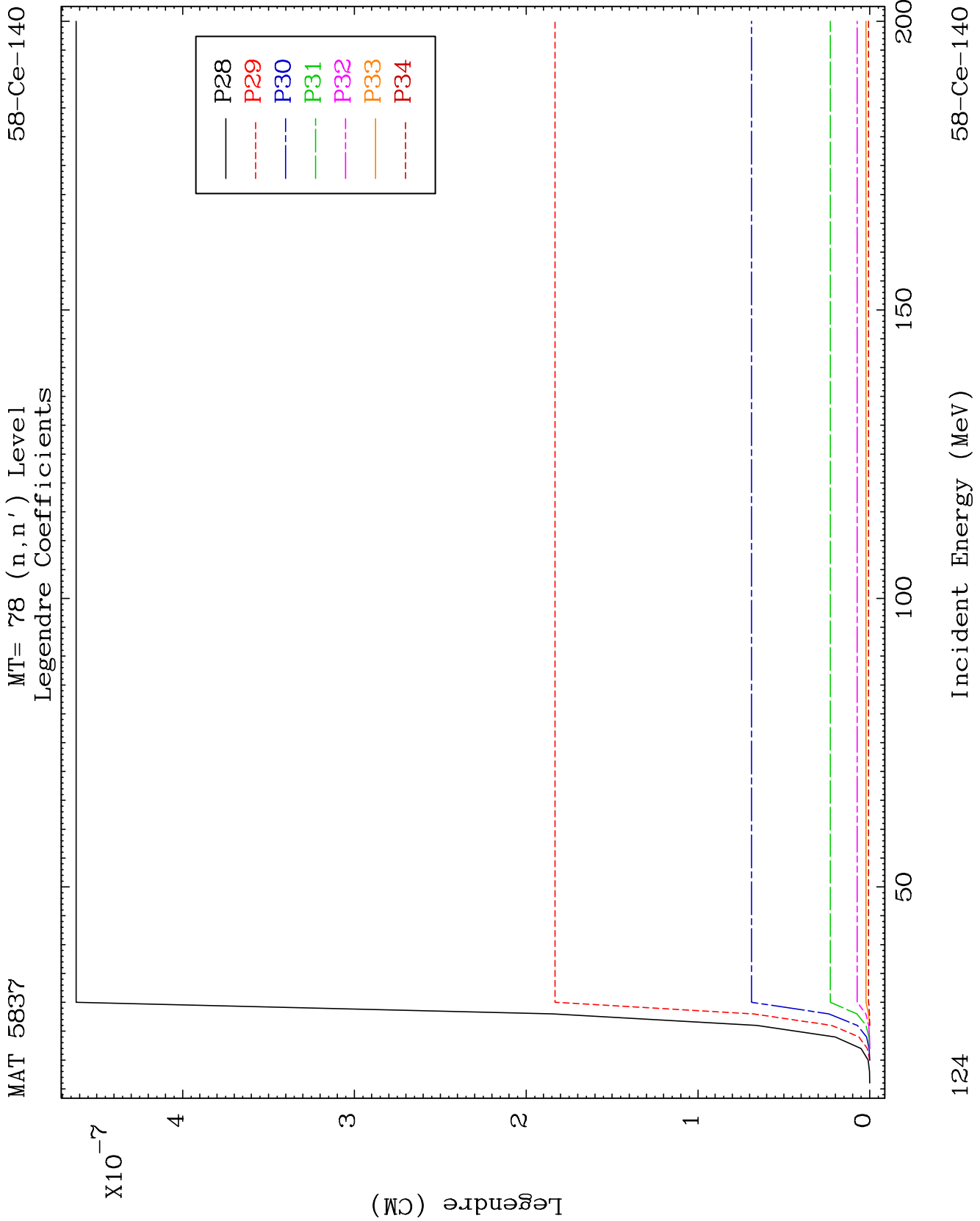


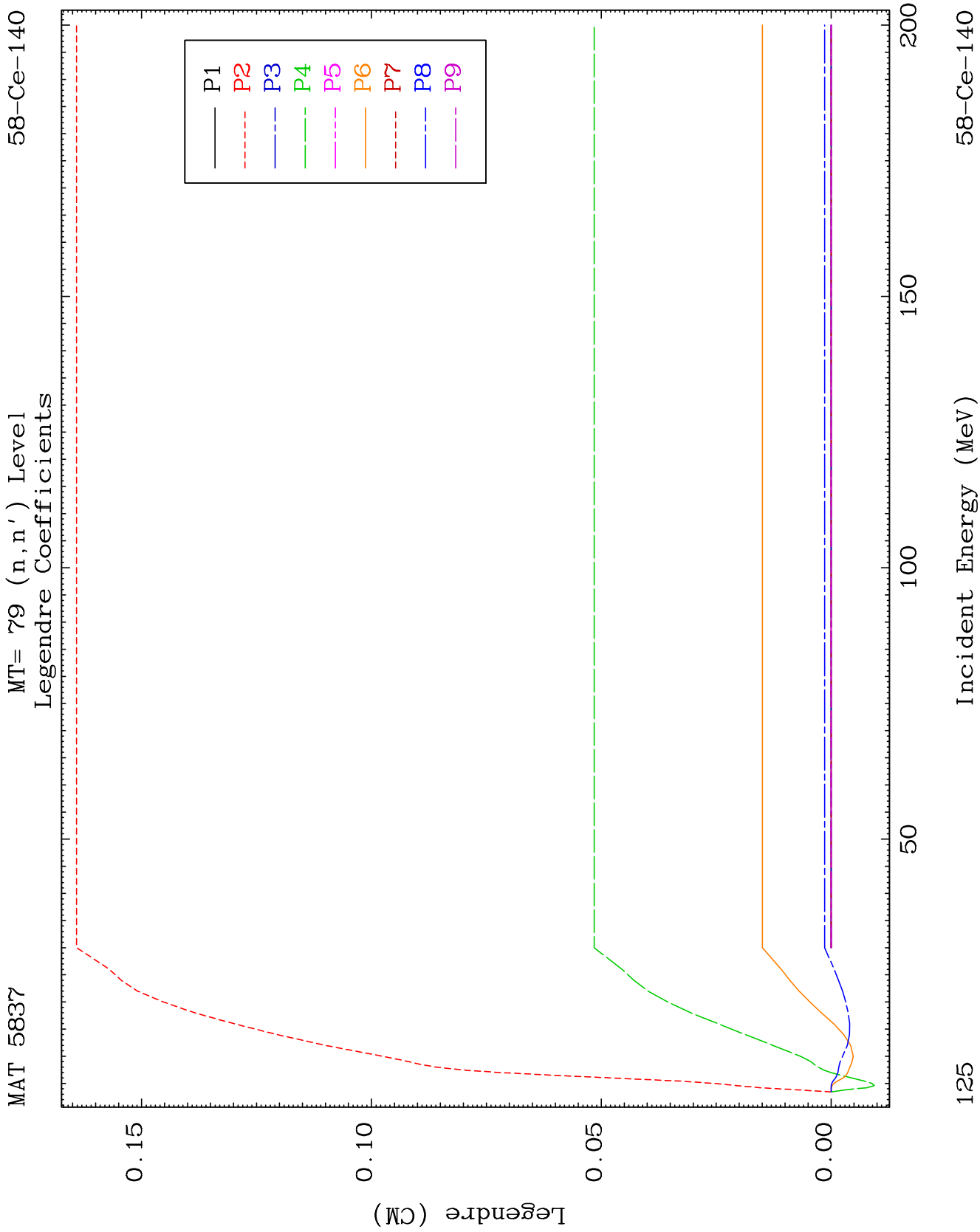








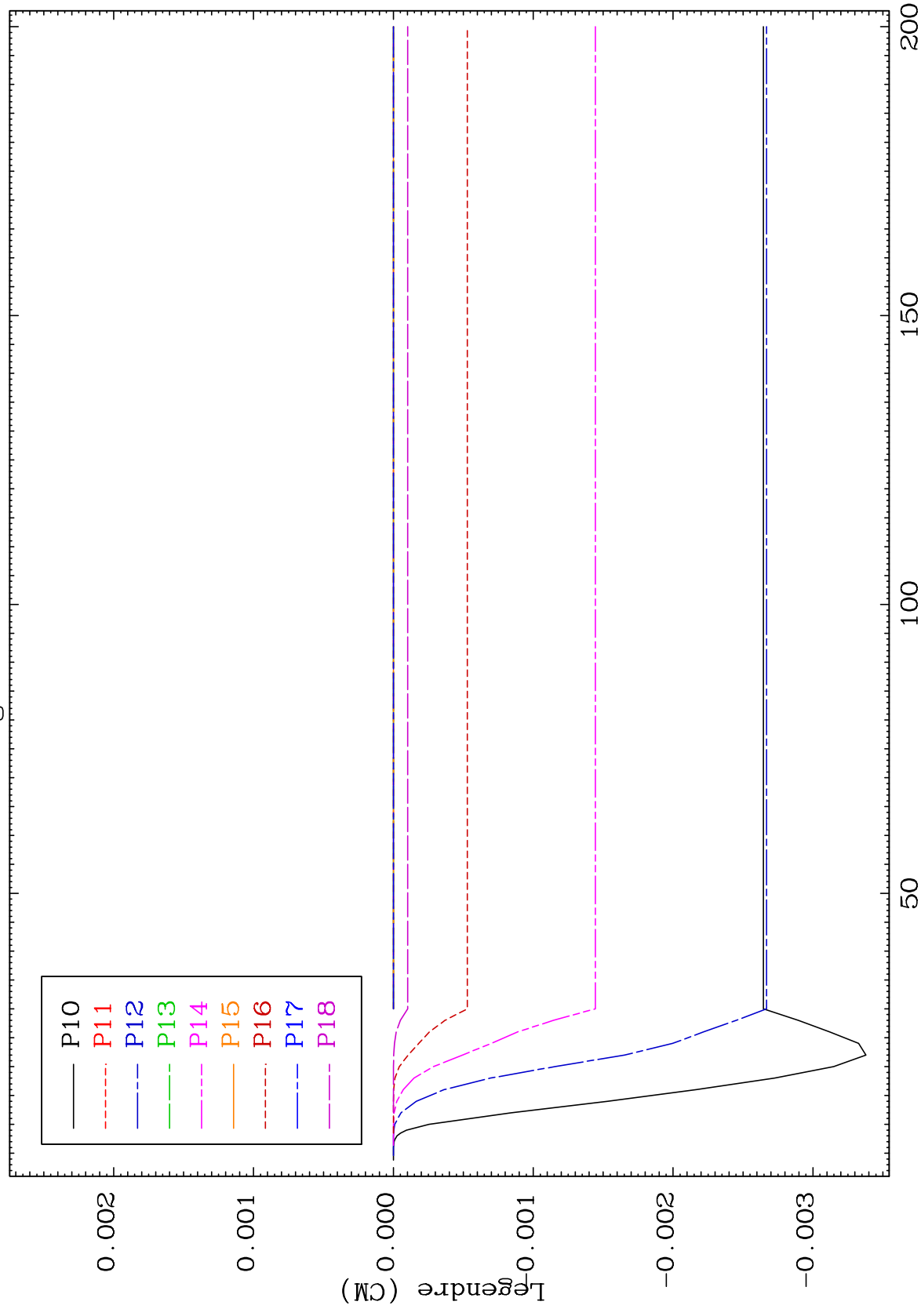




MAT 5837

MT= 79 (n, n') Level
Legendre Coefficients

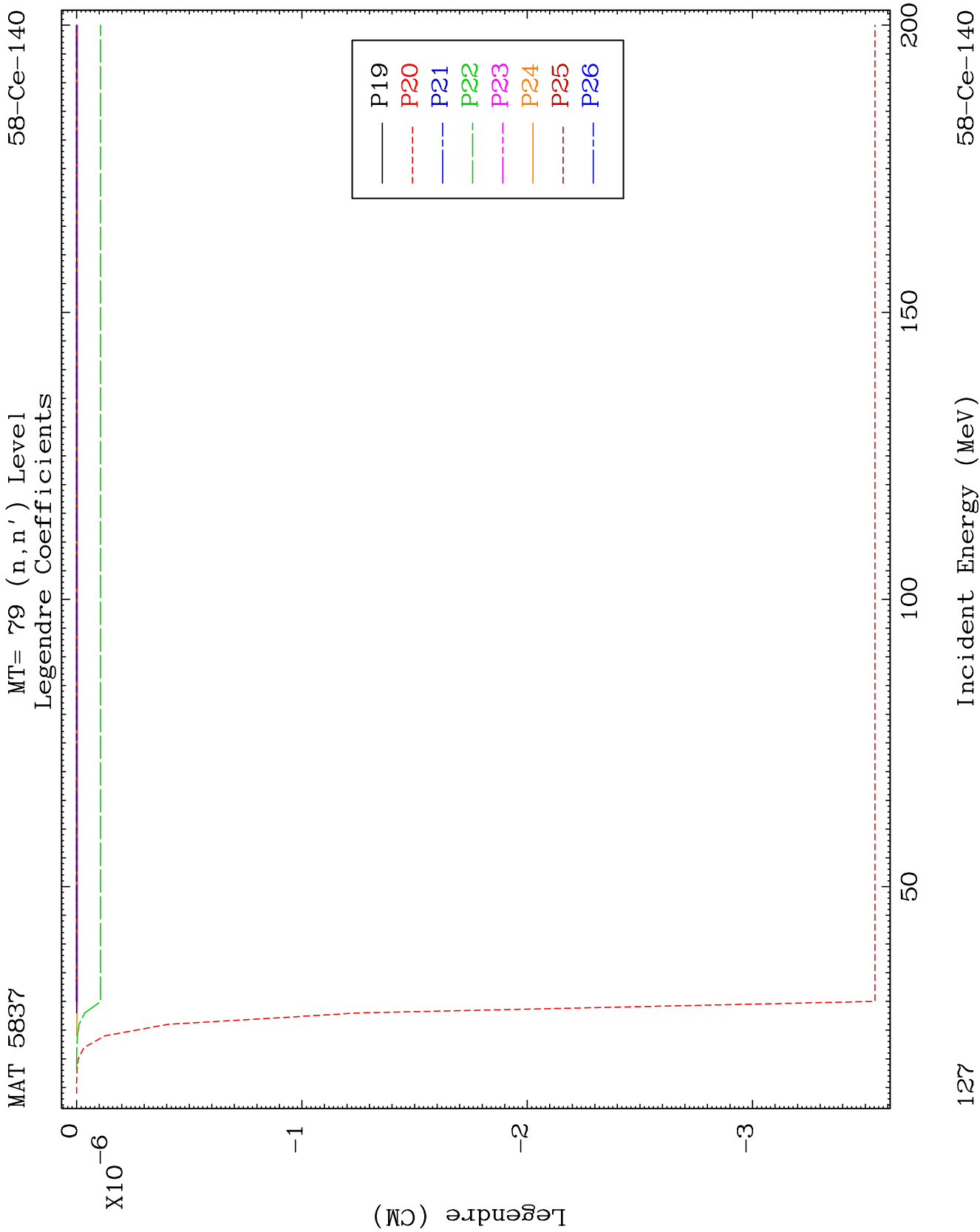
58-Ce-140

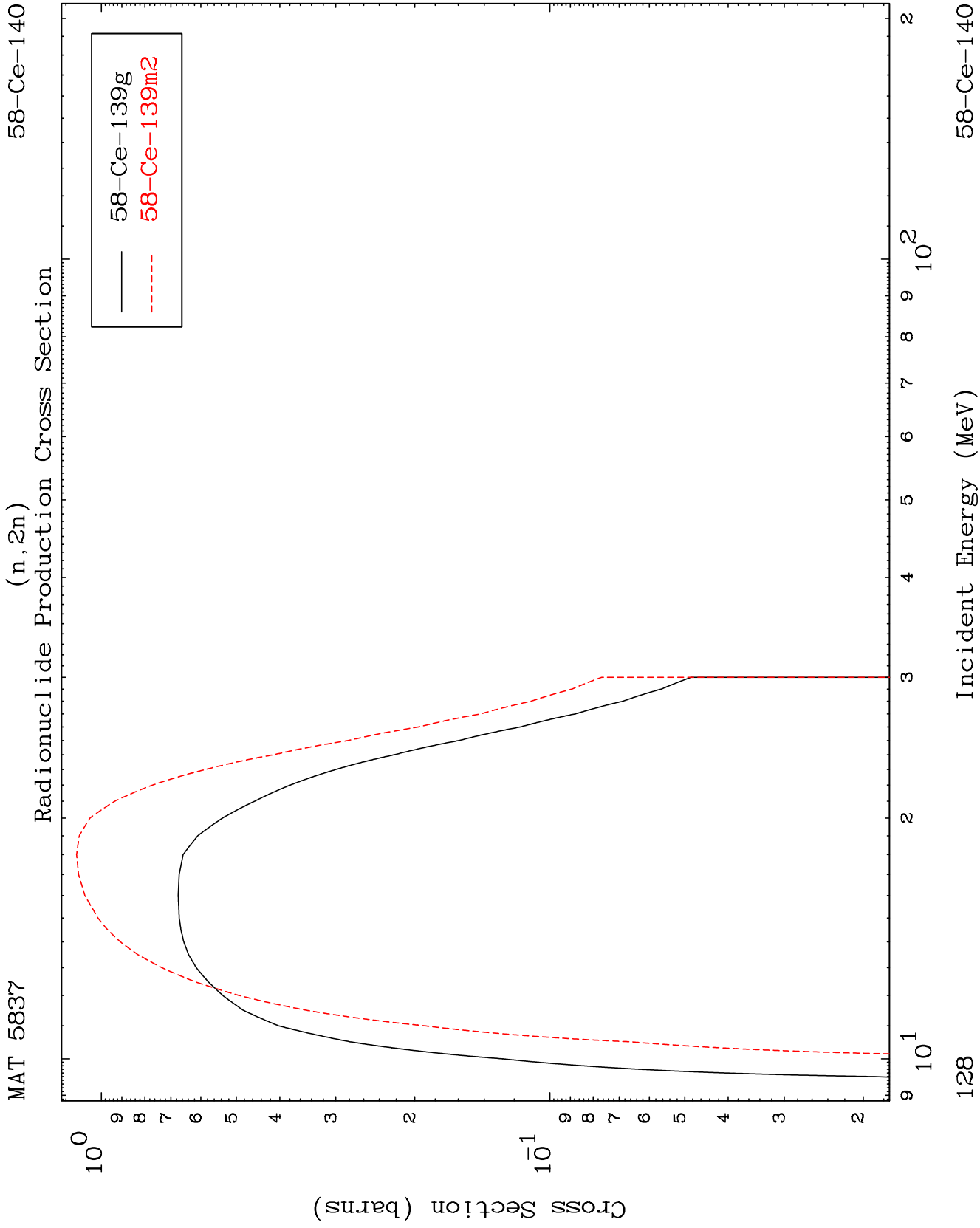


126

Incident Energy (MeV)

58-Ce-140



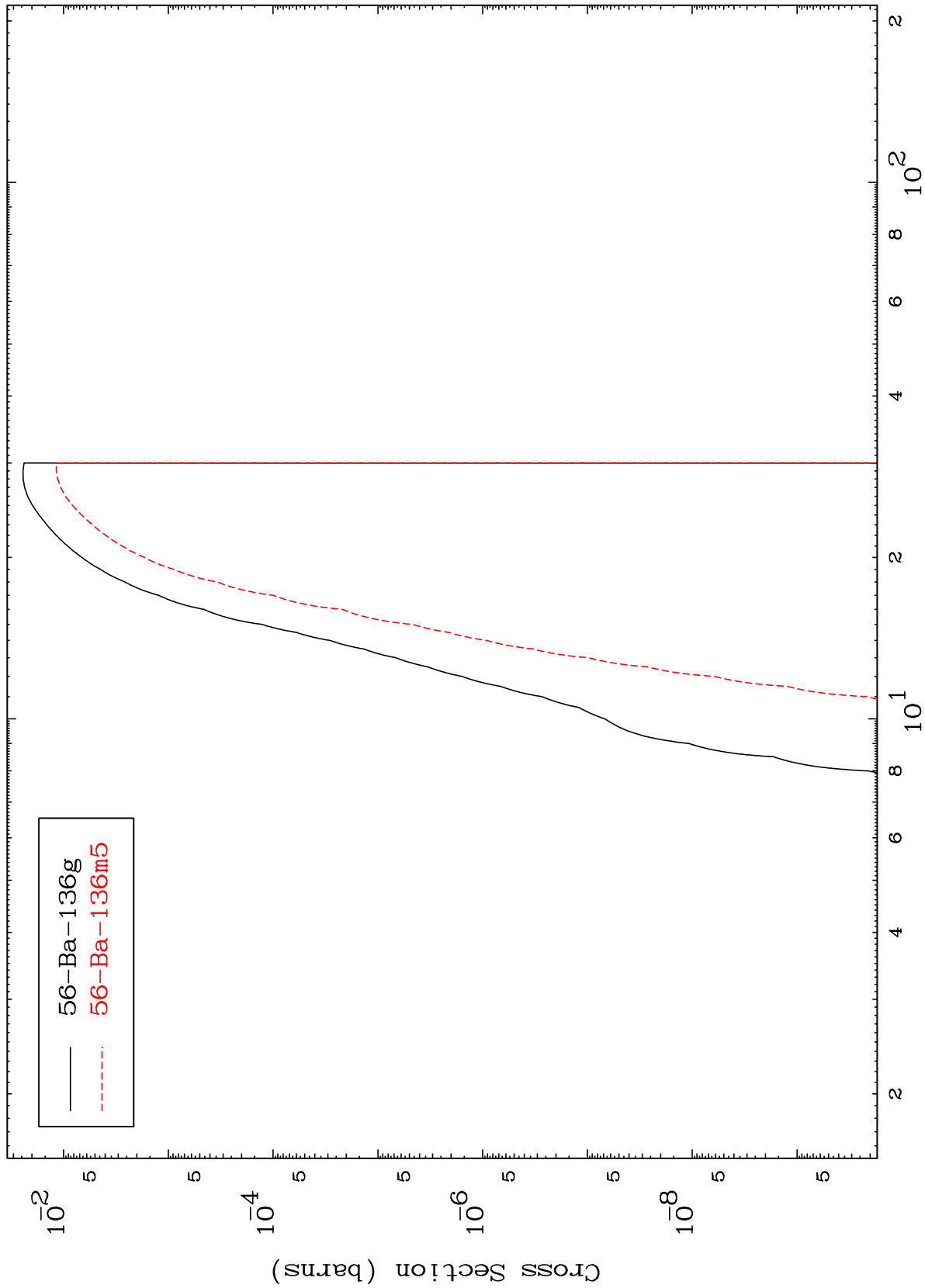


MAT 5837

58-Ce-140

Radionuclide Production Cross Section

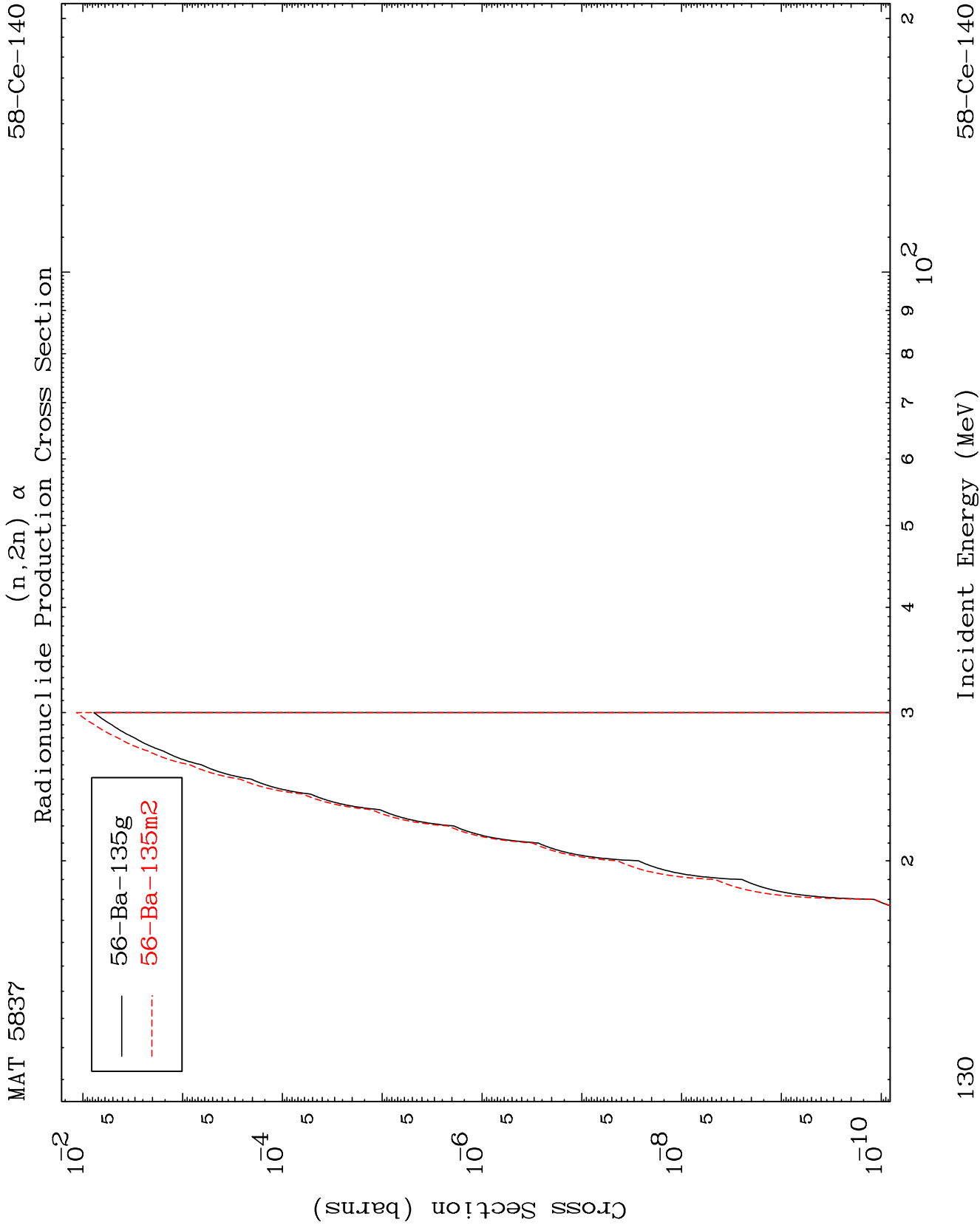
(n,n') α



129

Incident Energy (MeV)

58-Ce-140

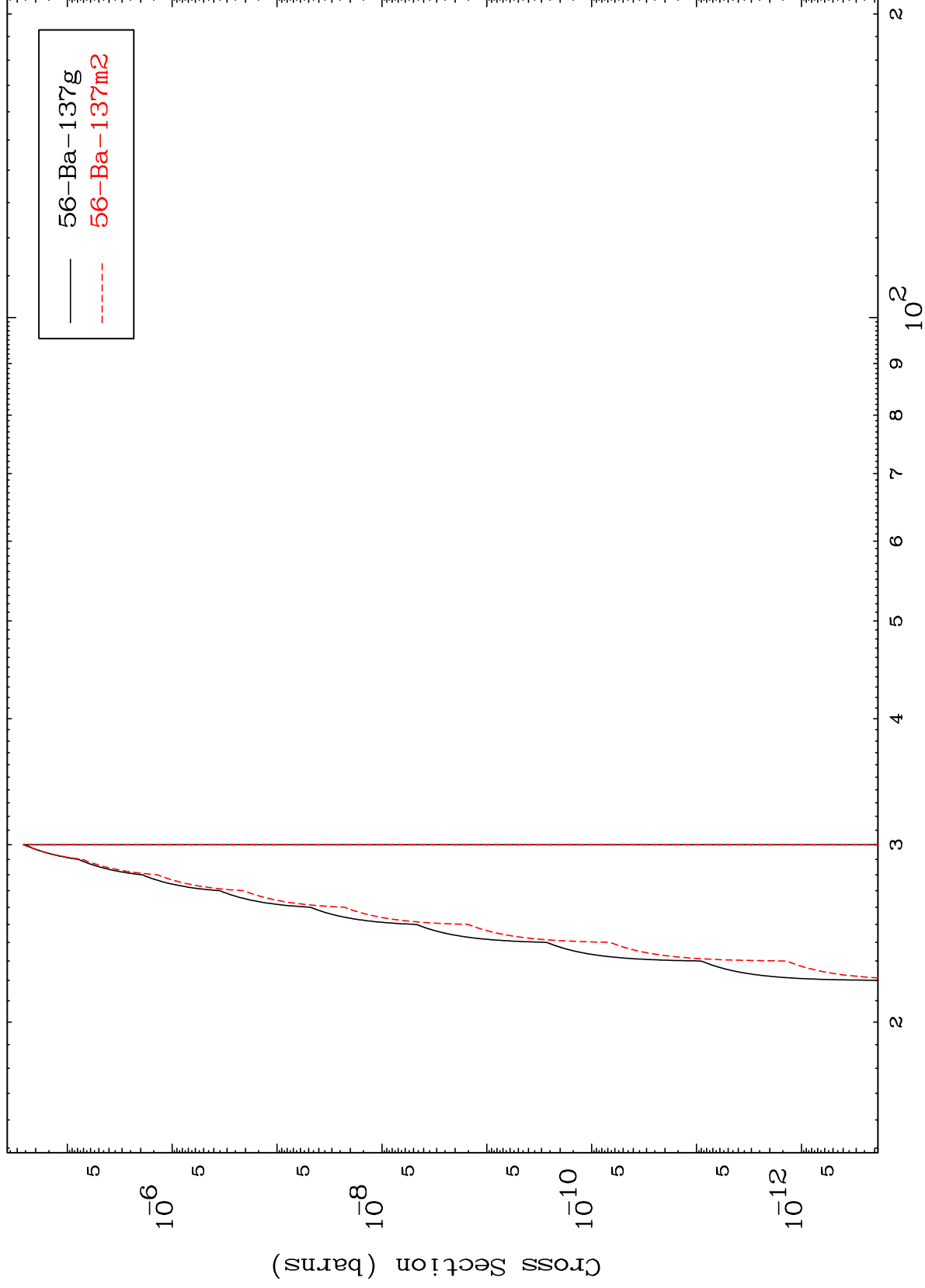


MAT 5837

(n,n') He-3

58-Ce-140

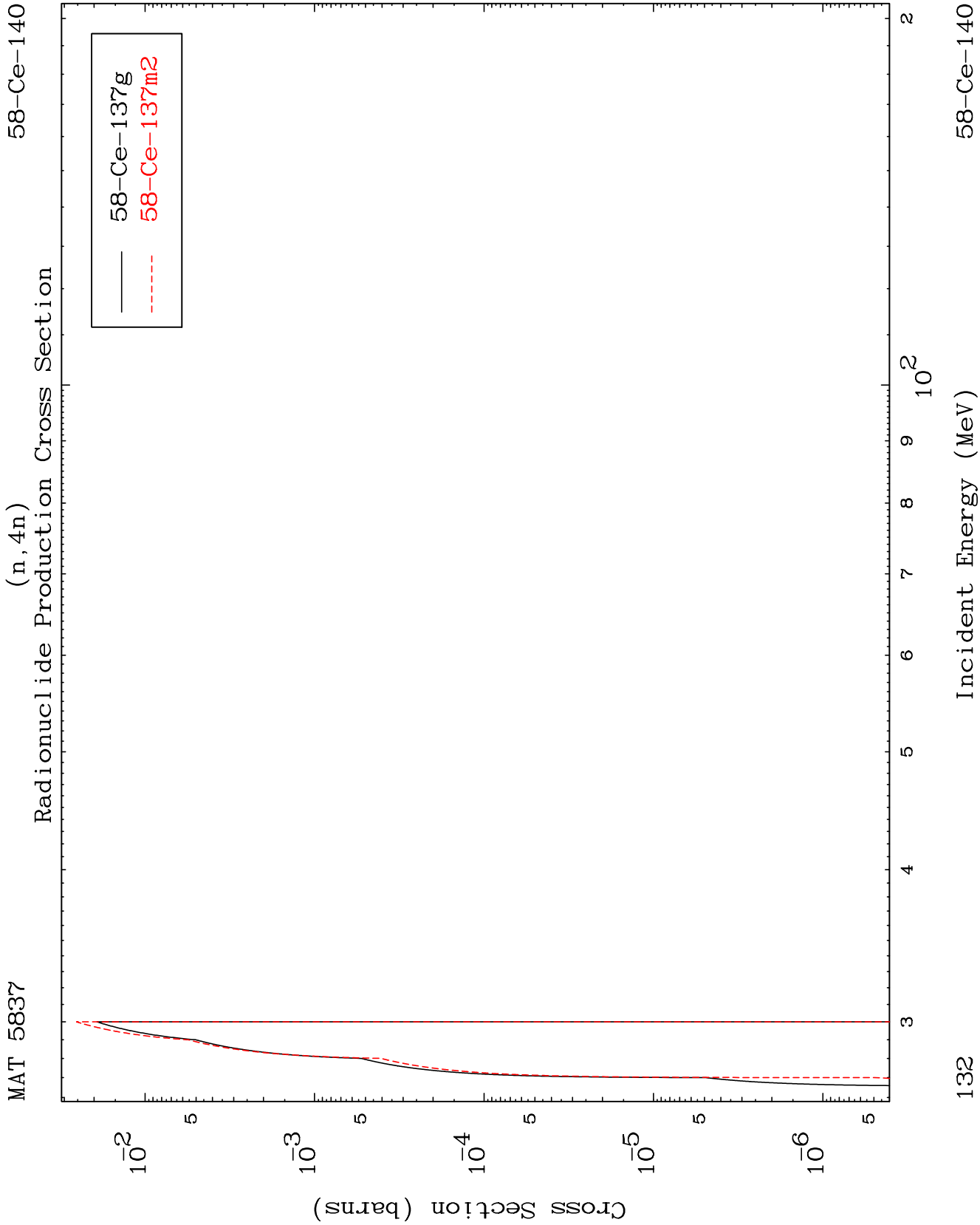
Radionuclide Production Cross Section

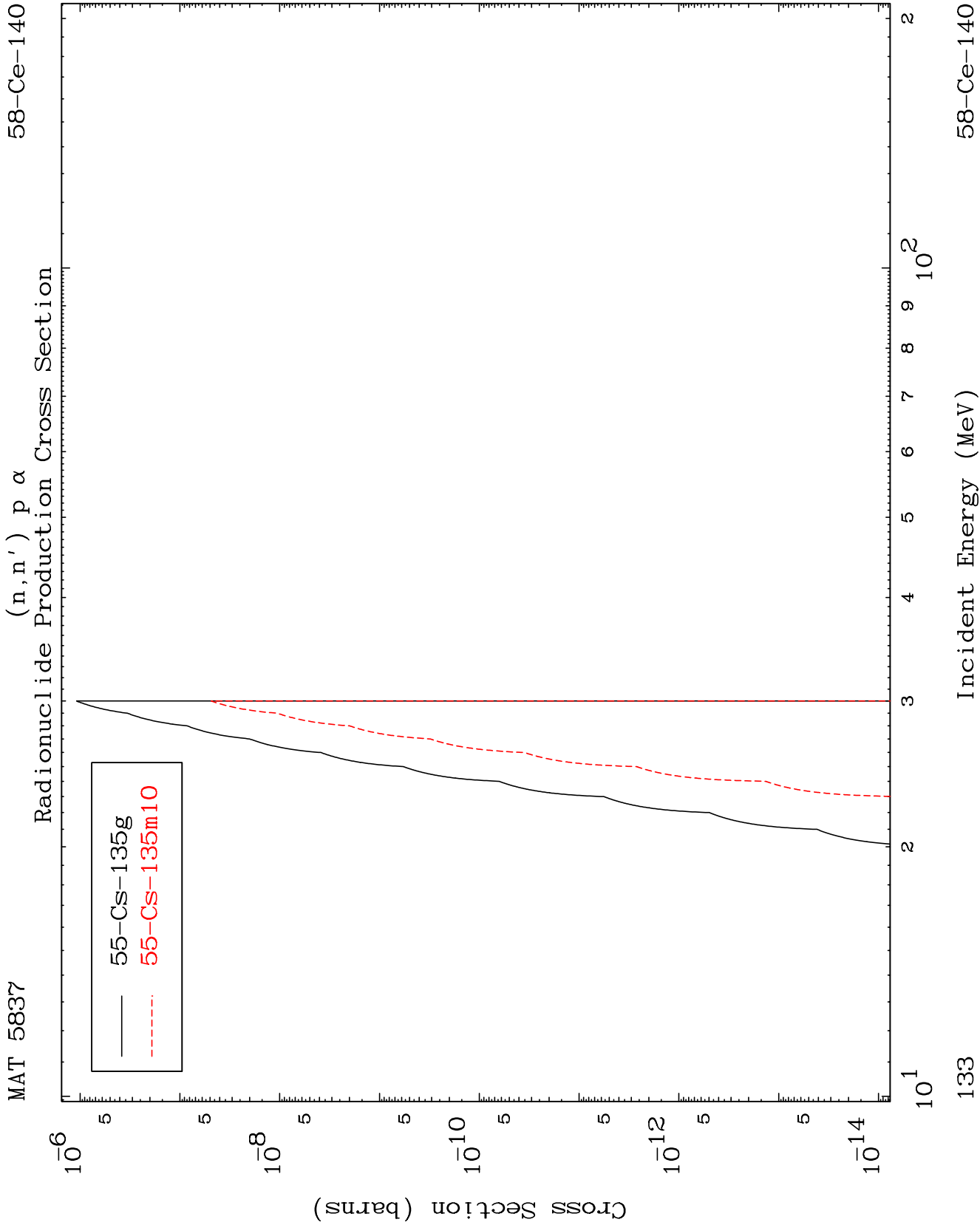


131

Incident Energy (MeV)

58-Ce-140

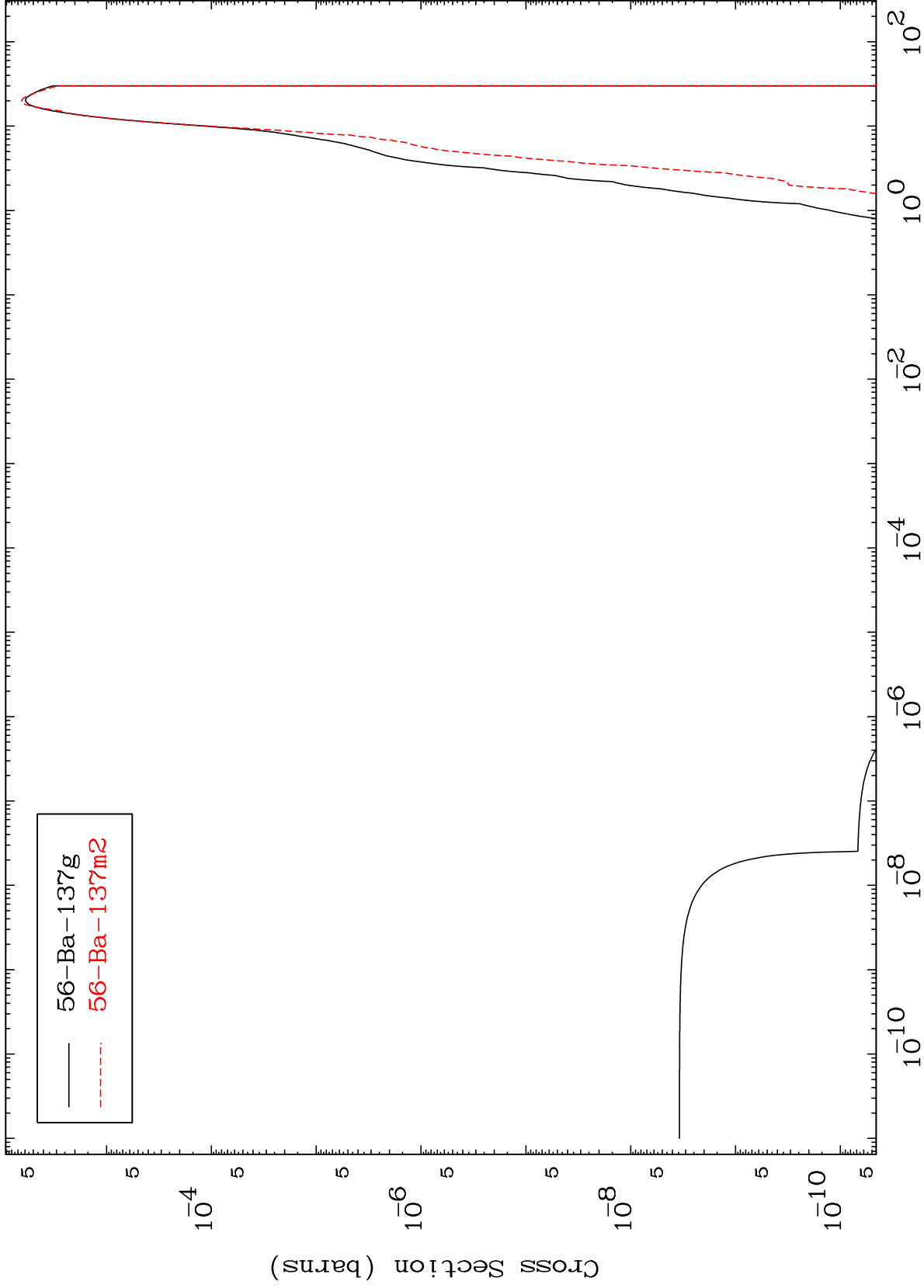




MAT 5837

58-Ce-140

Radionuclide Production Cross Section

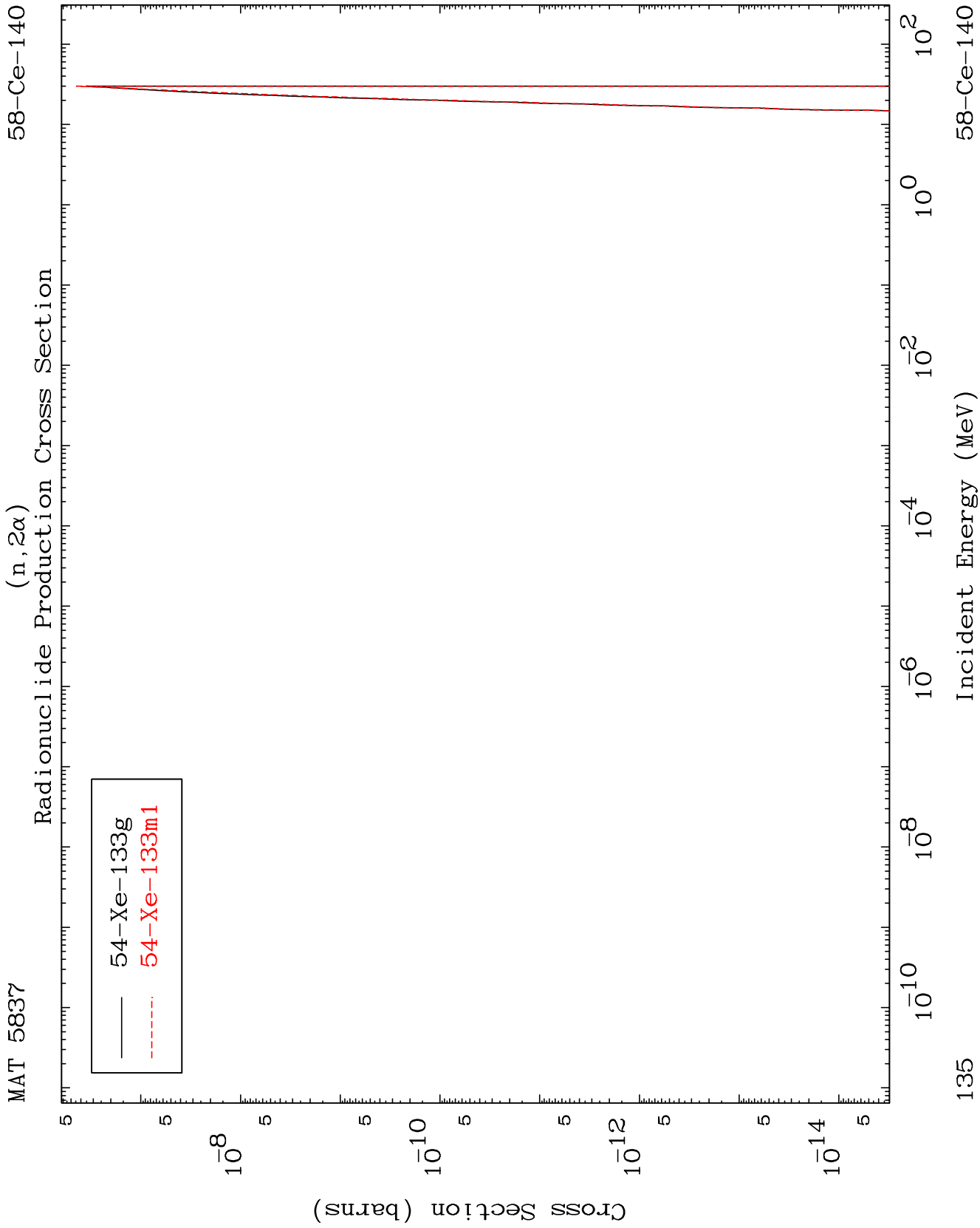


56-Ba-137g
56-Ba-137m2

58-Ce-140

Incident Energy (MeV)

134

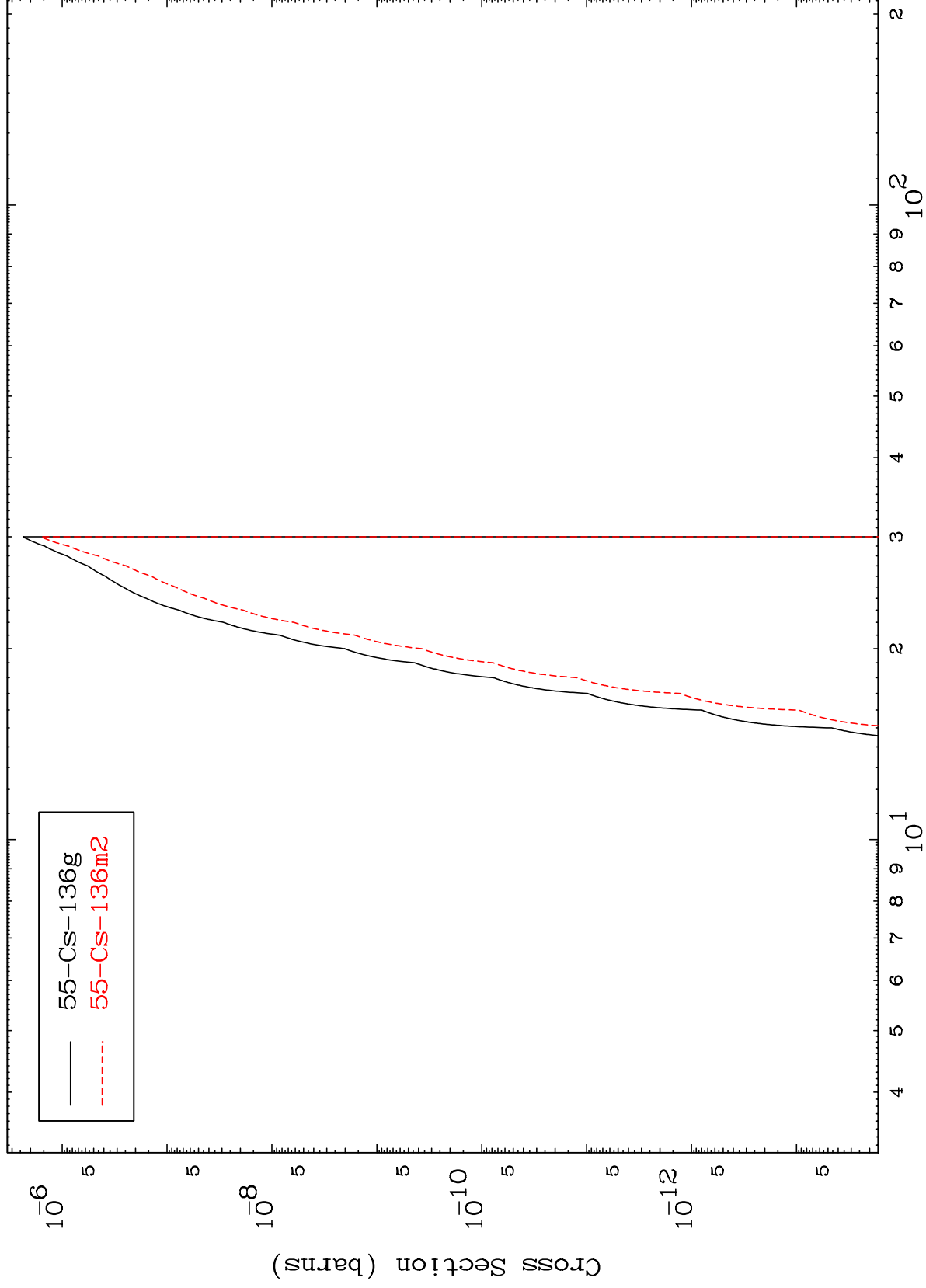


MAT 5837

58-Ce-140

(n,p) α

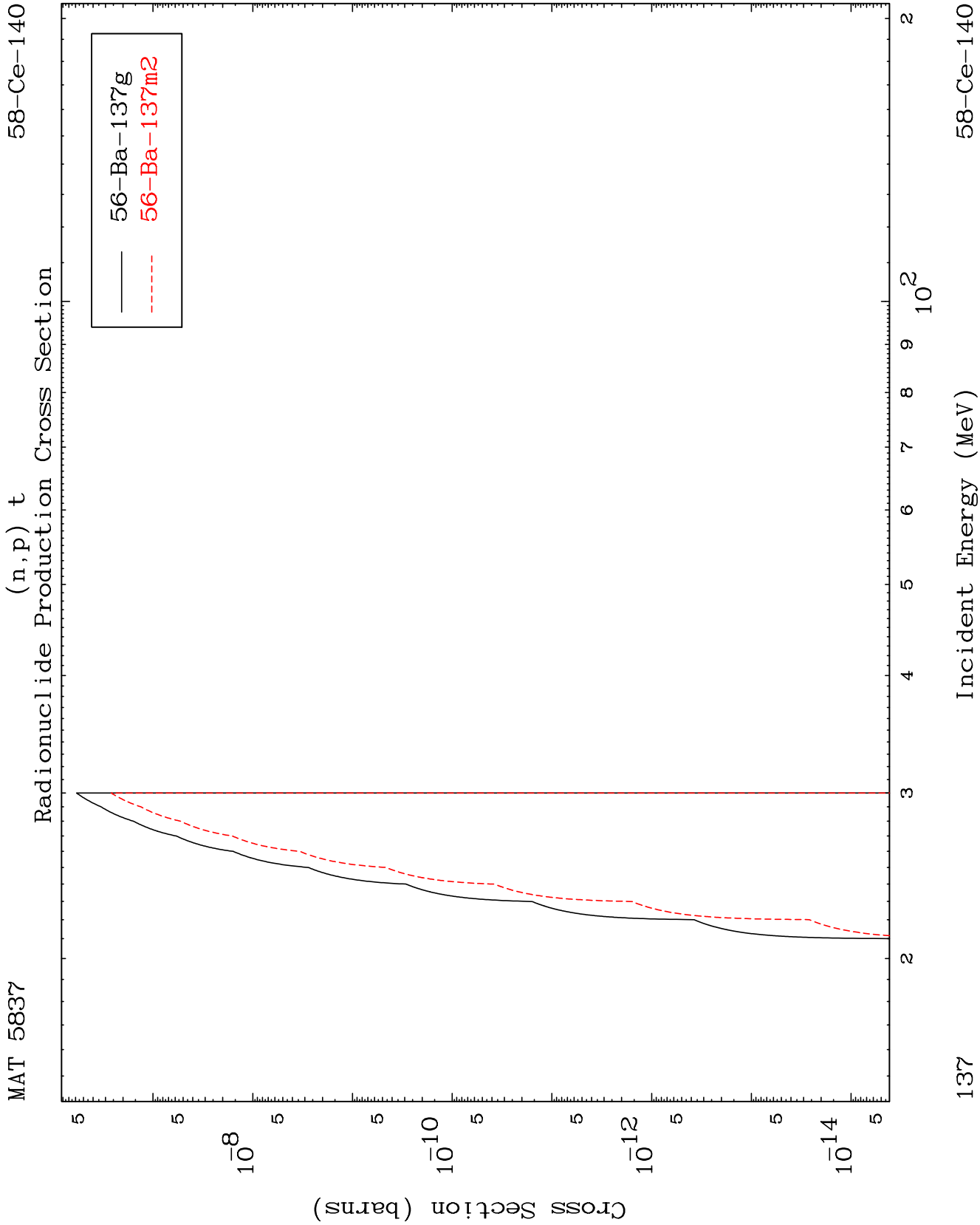
Radionuclide Production Cross Section



136

Incident Energy (MeV)

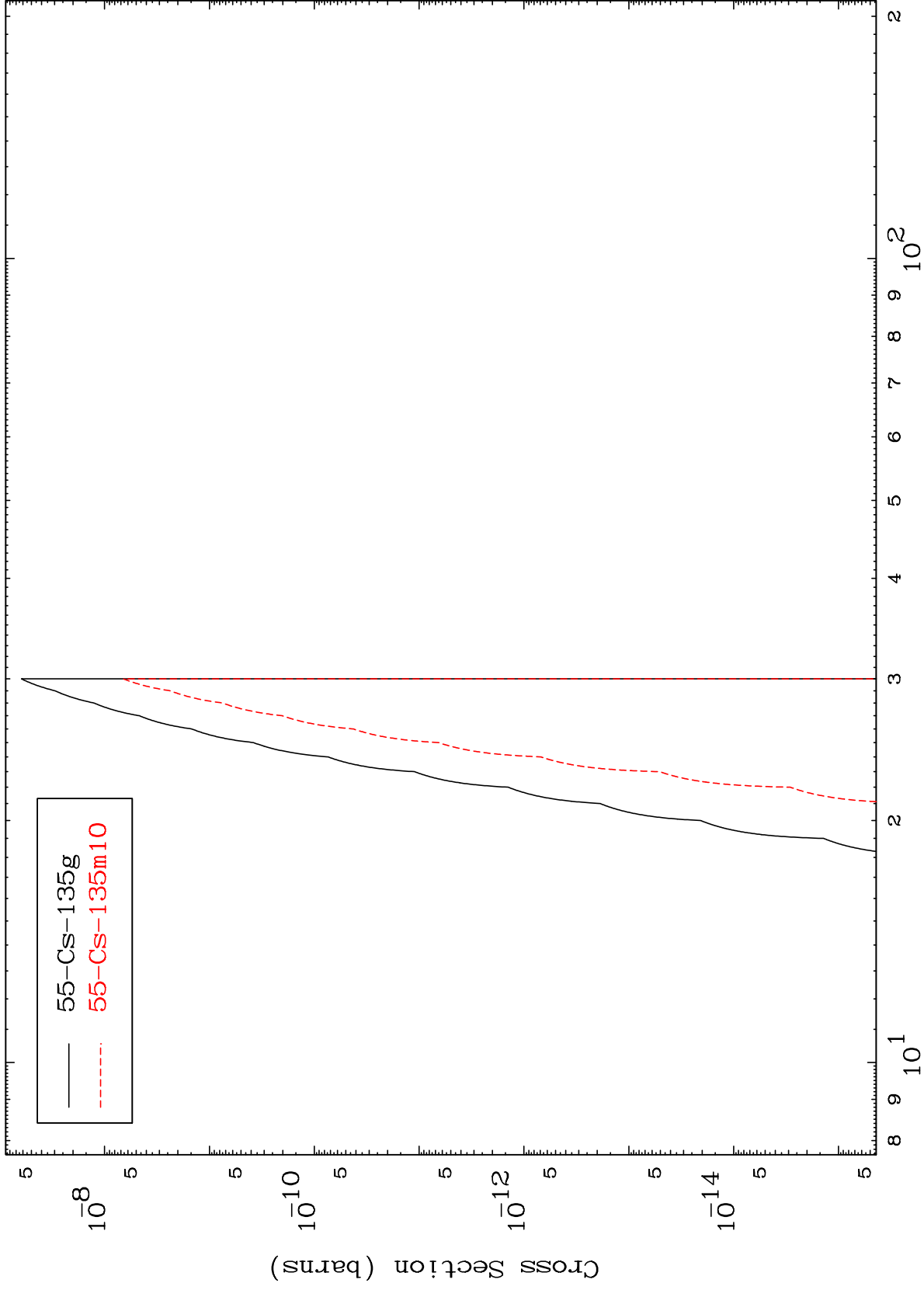
58-Ce-140



MAT 5837

58-Ce-140

(n,d) α
Radionuclide Production Cross Section



58-Ce-140

Incident Energy (MeV)

138