

Program EVALPLOT
(Version 2021-1)

by

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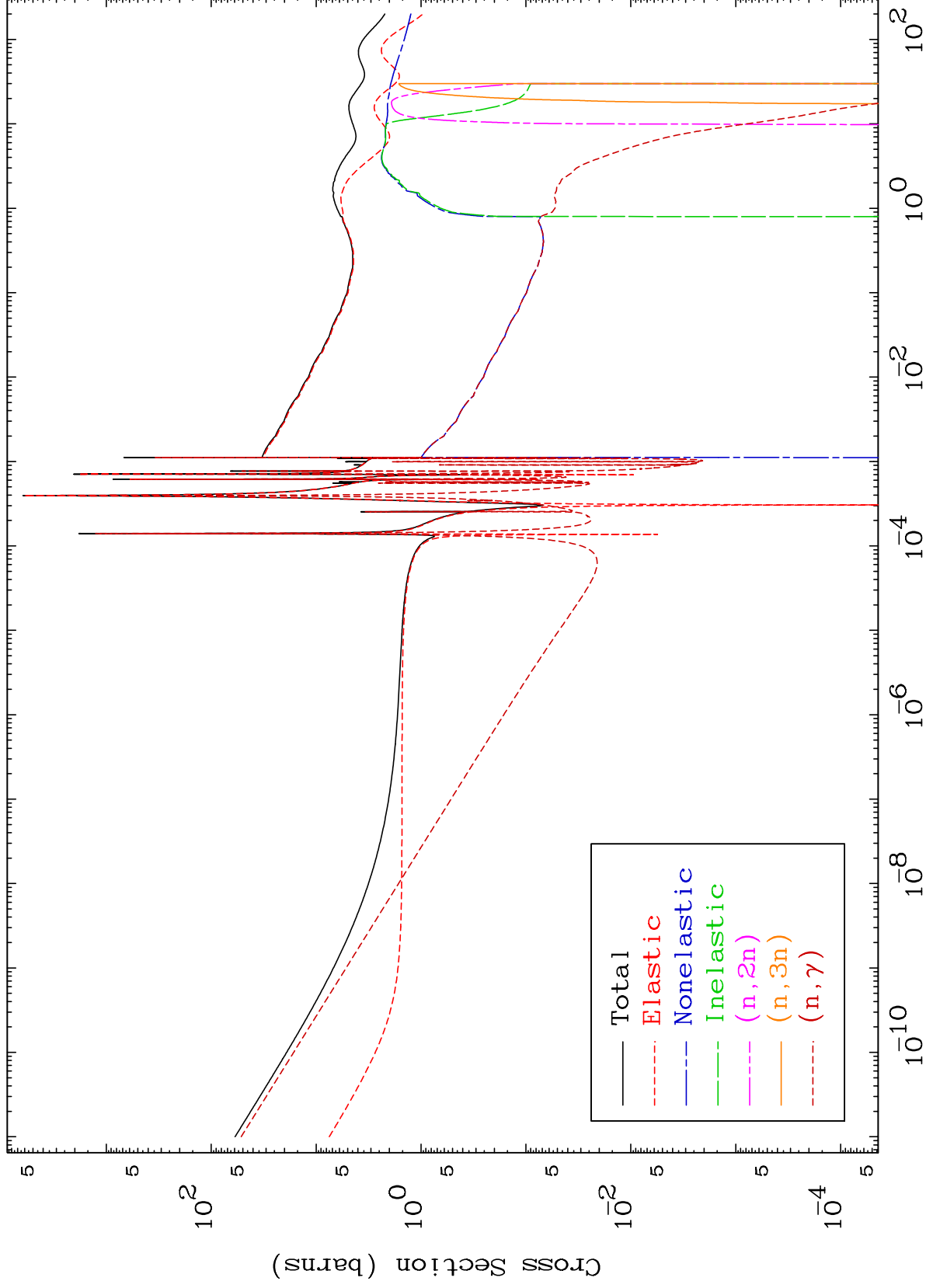
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

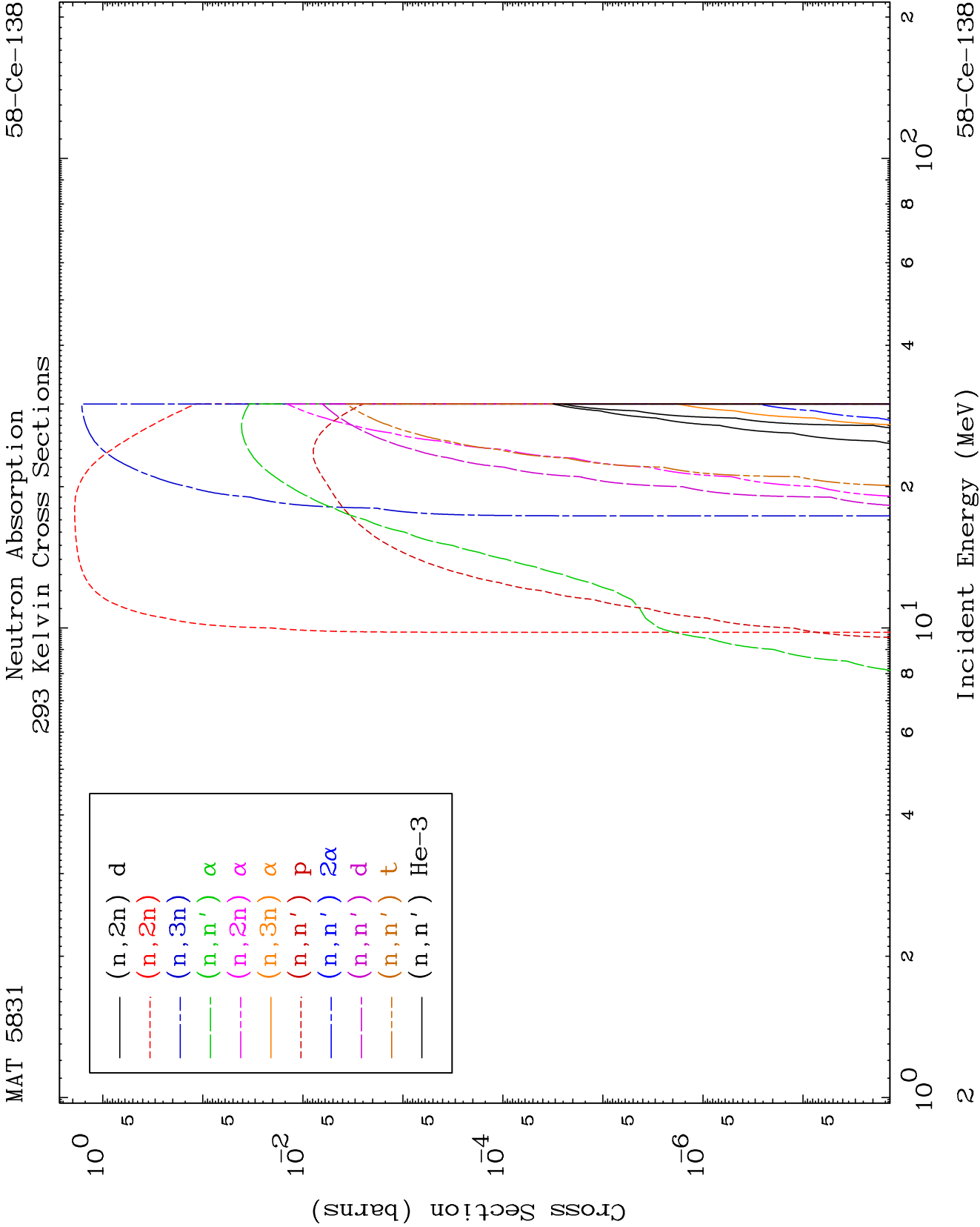
Press Mouse Button to Start

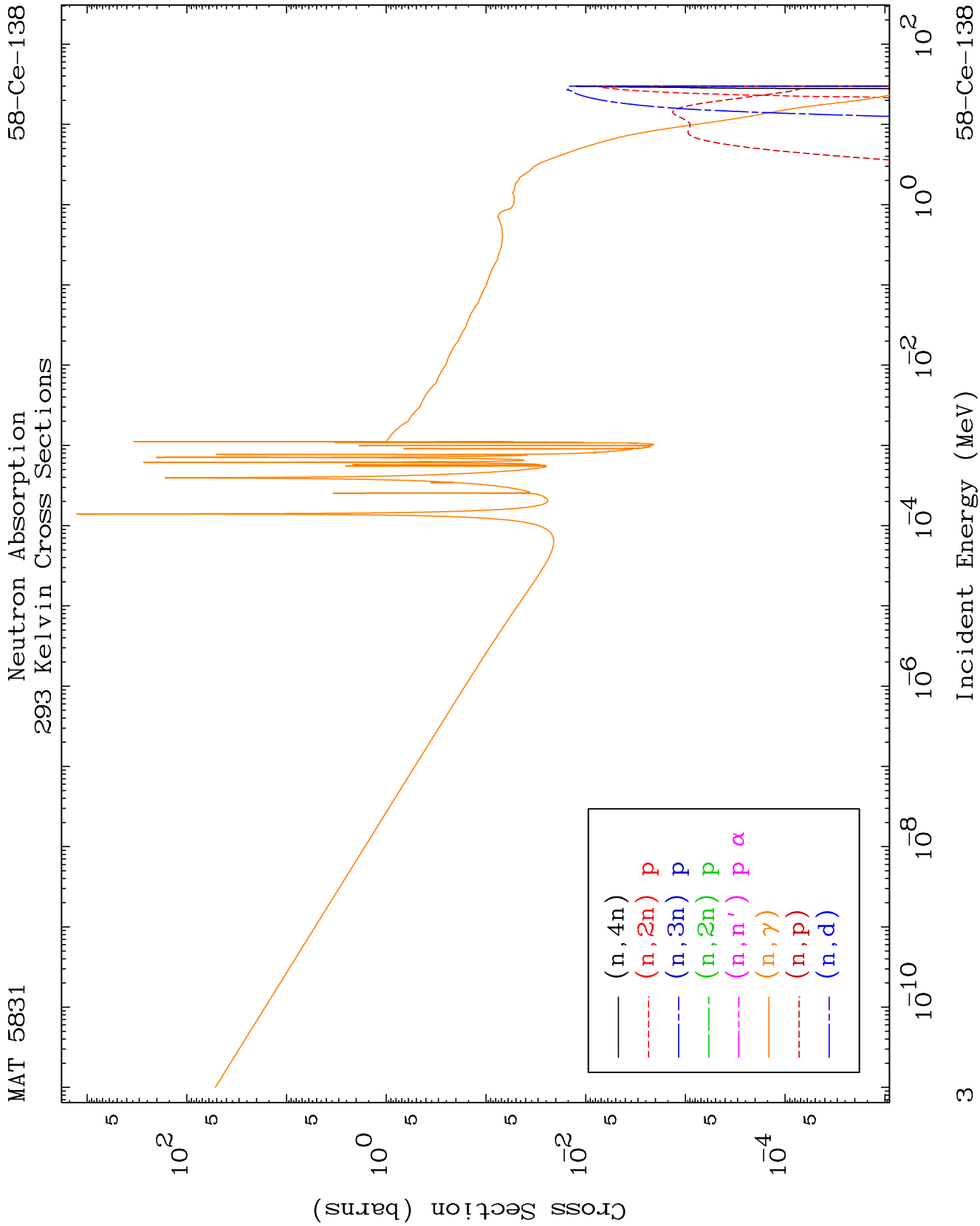
MAT 5831

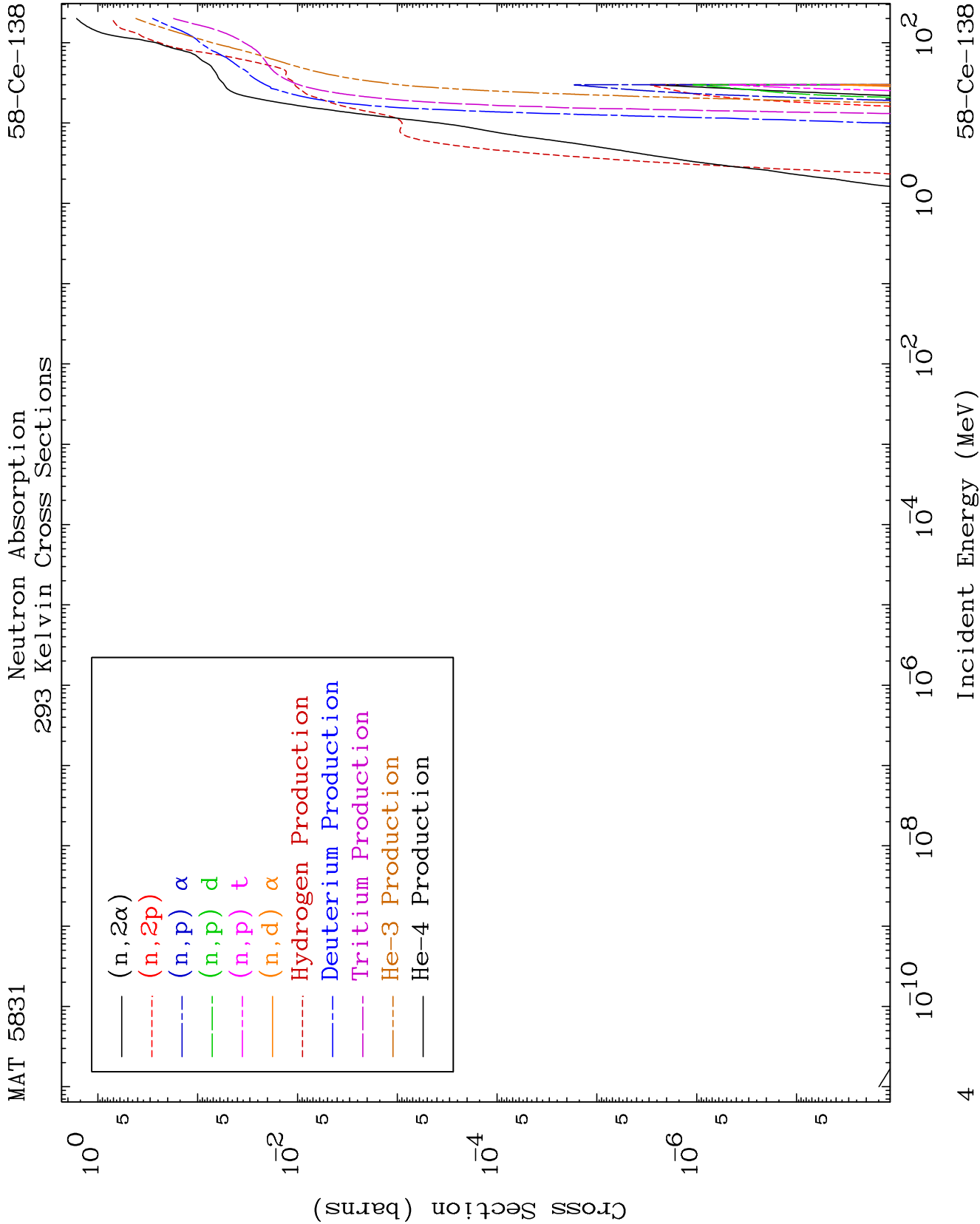
Neutron Major
293 Kelvin Cross Sections

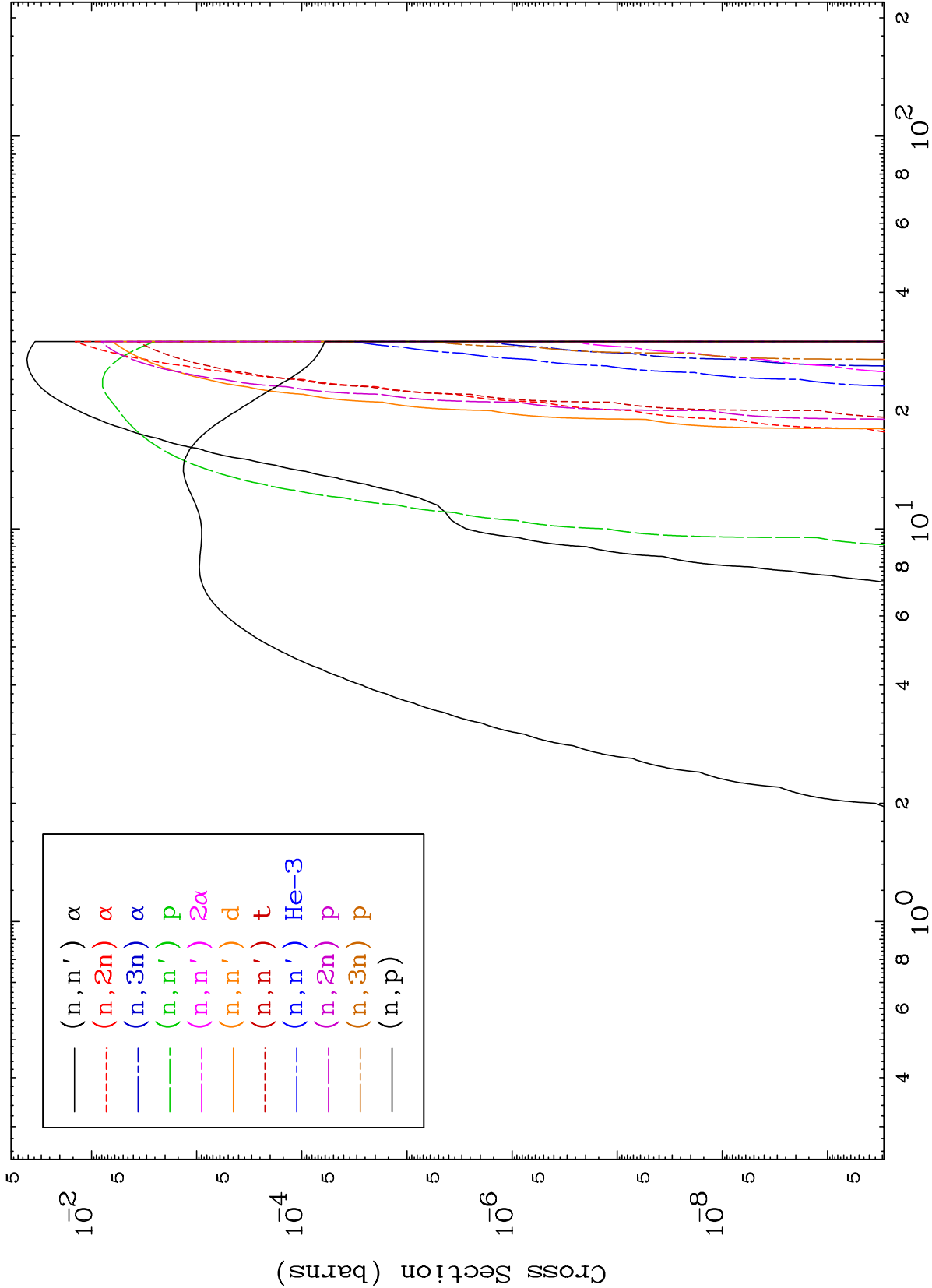
58-Ce-138

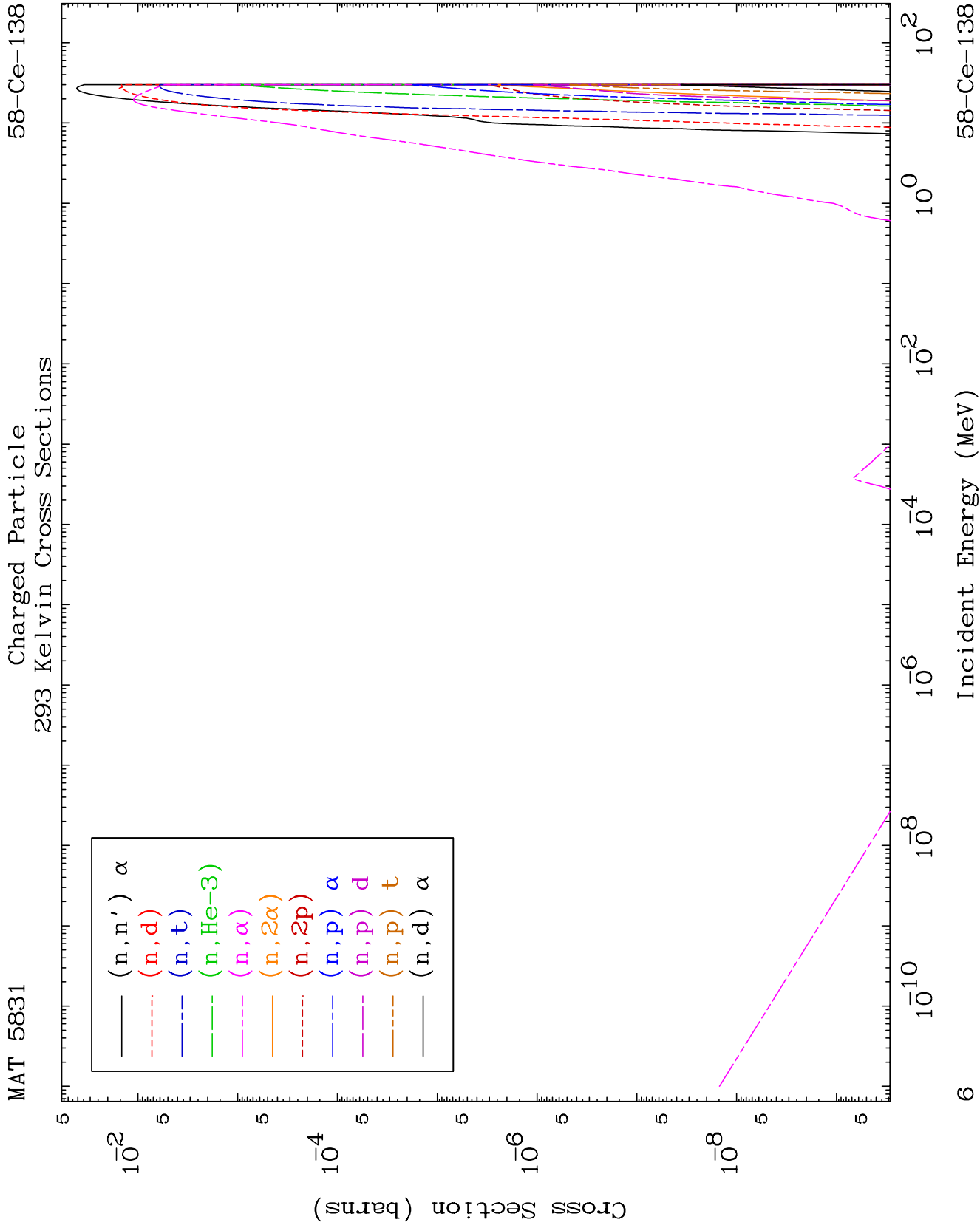








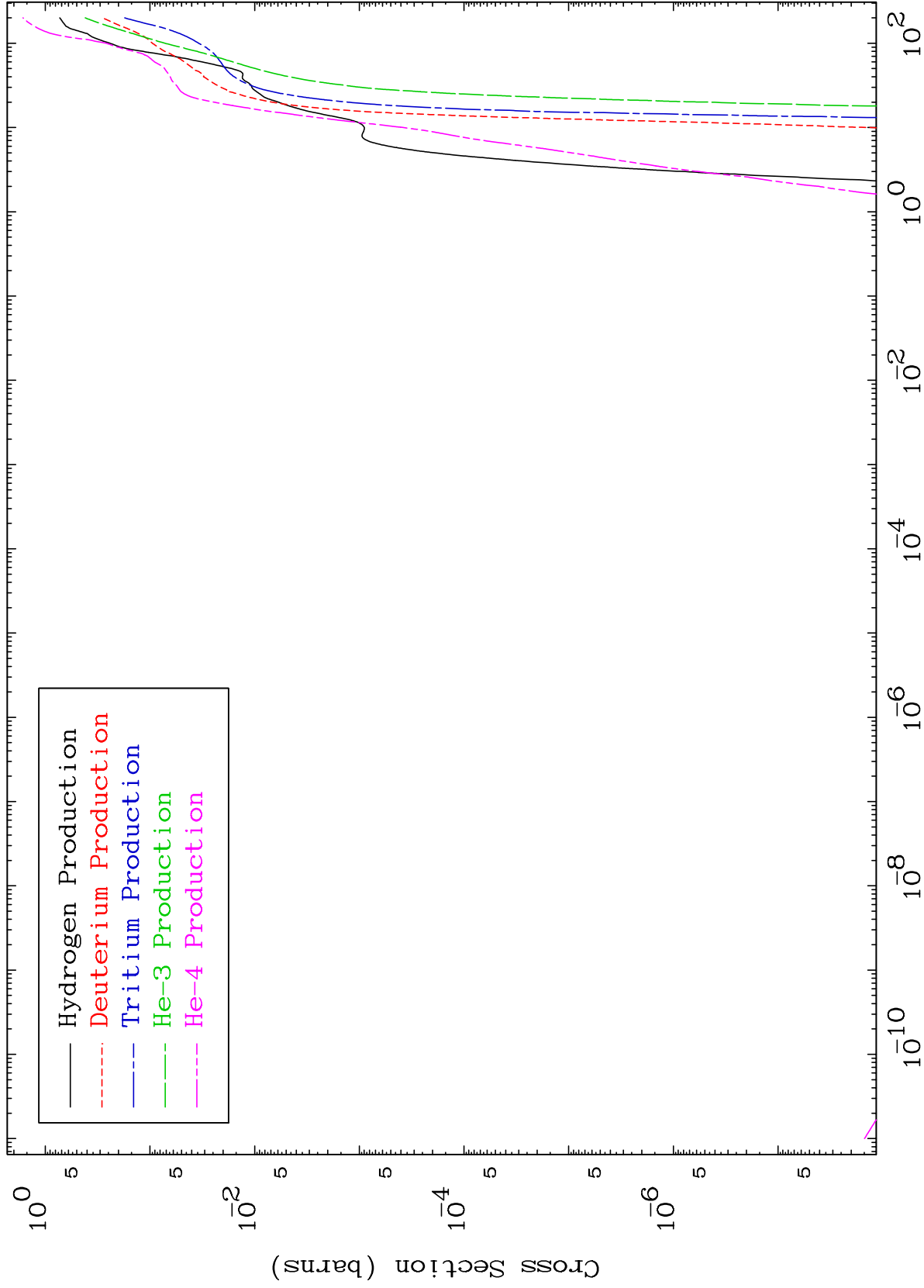


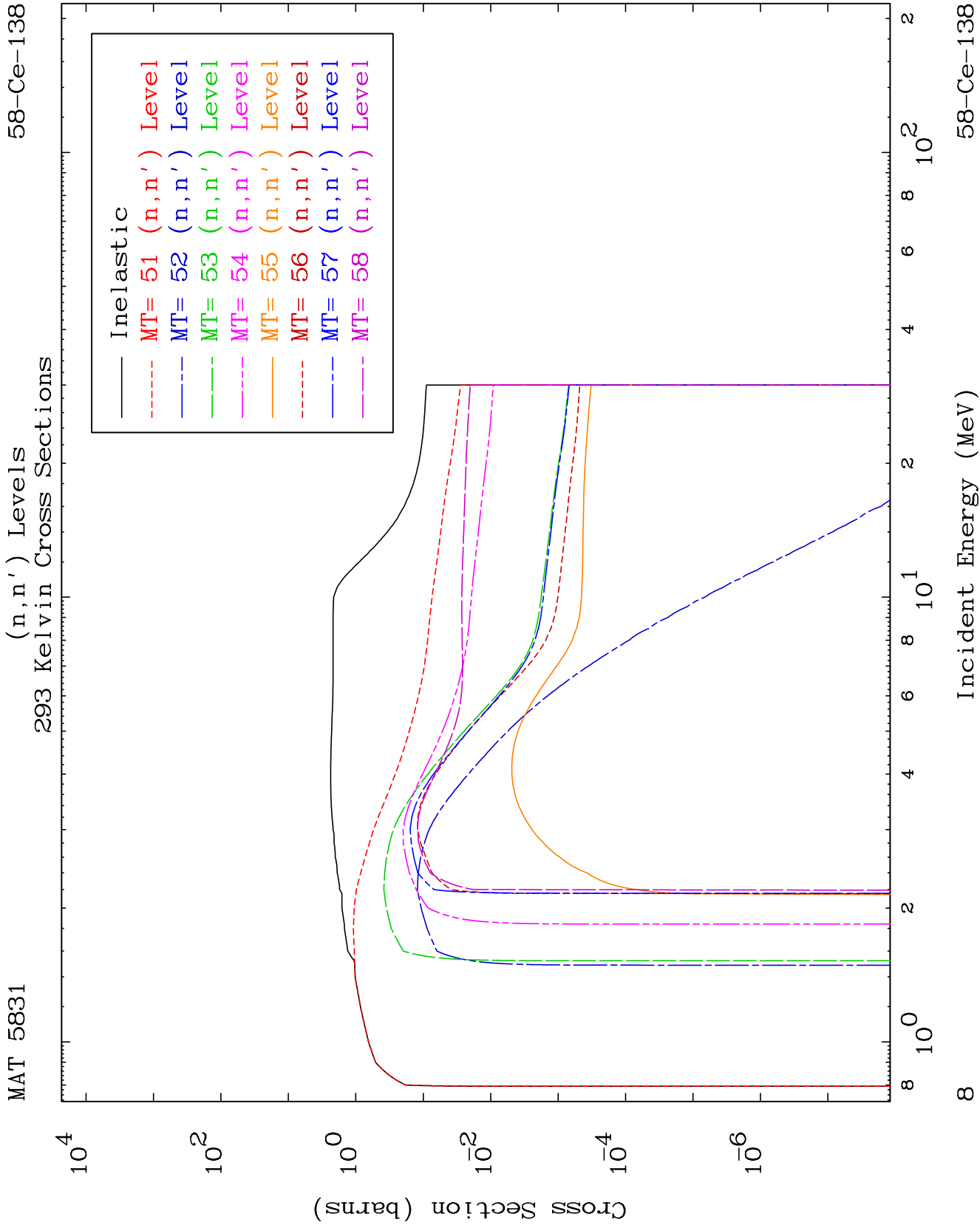


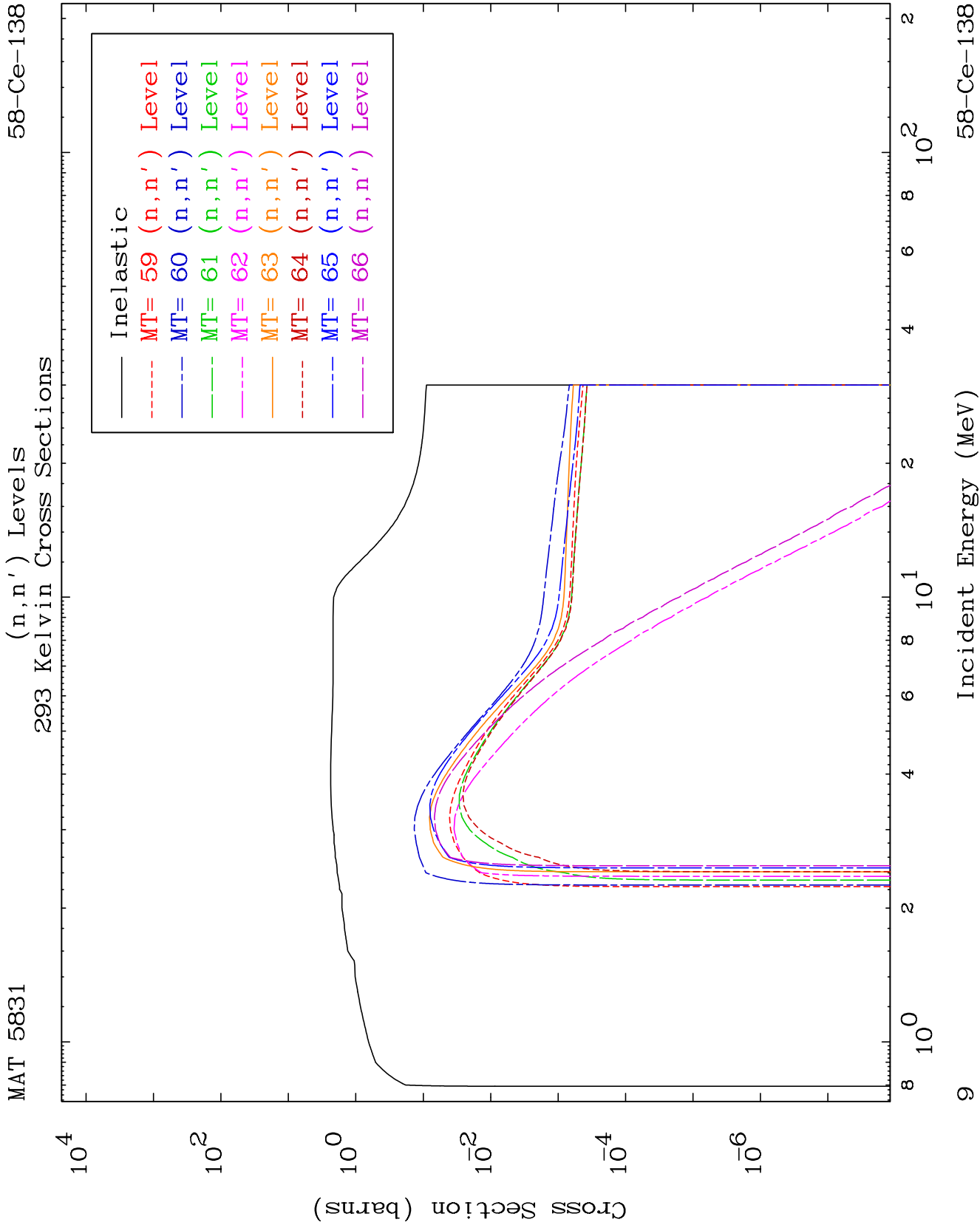
MAT 5831

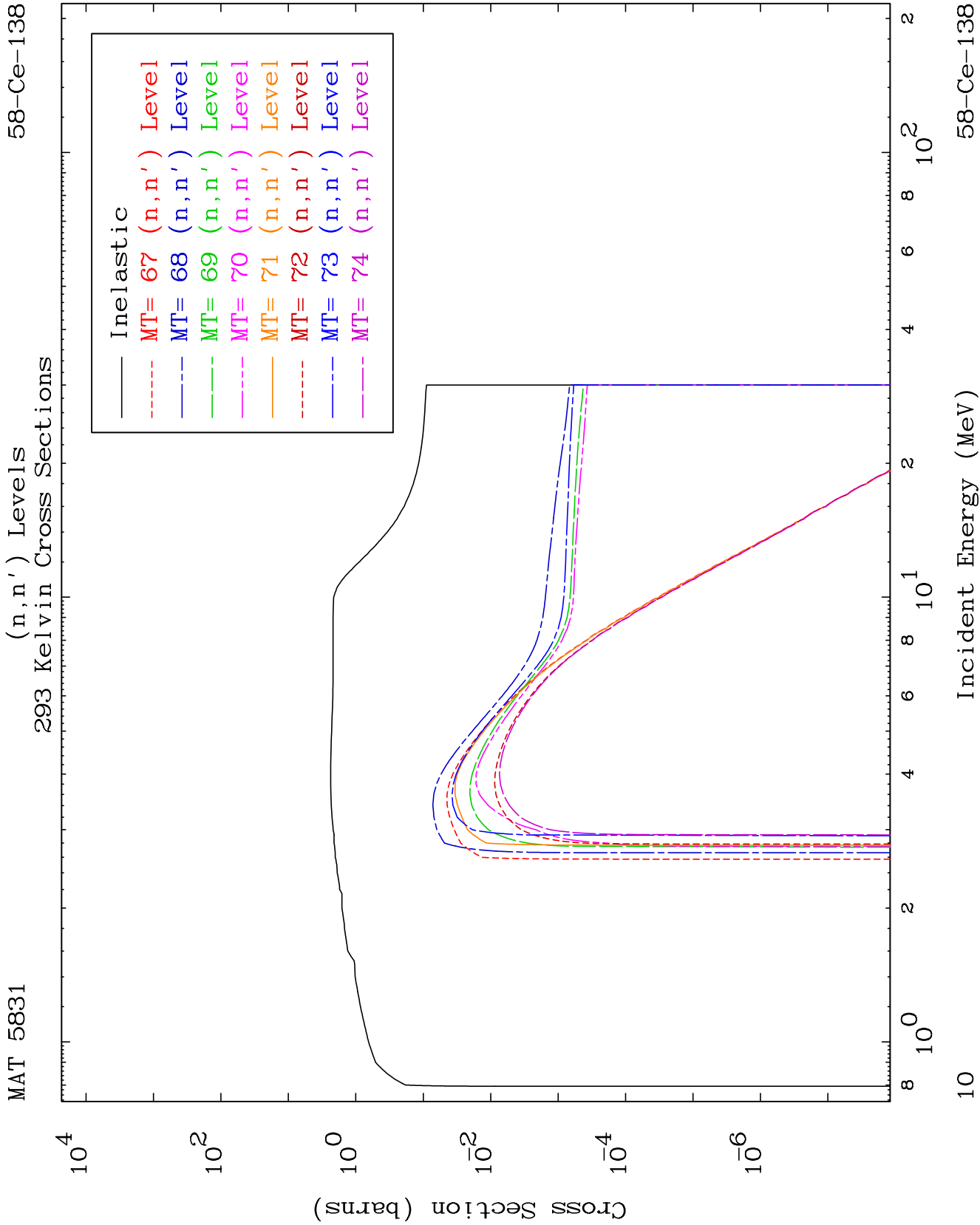
Particle Production
293 Kelvin Cross Sections

58-Ce-138







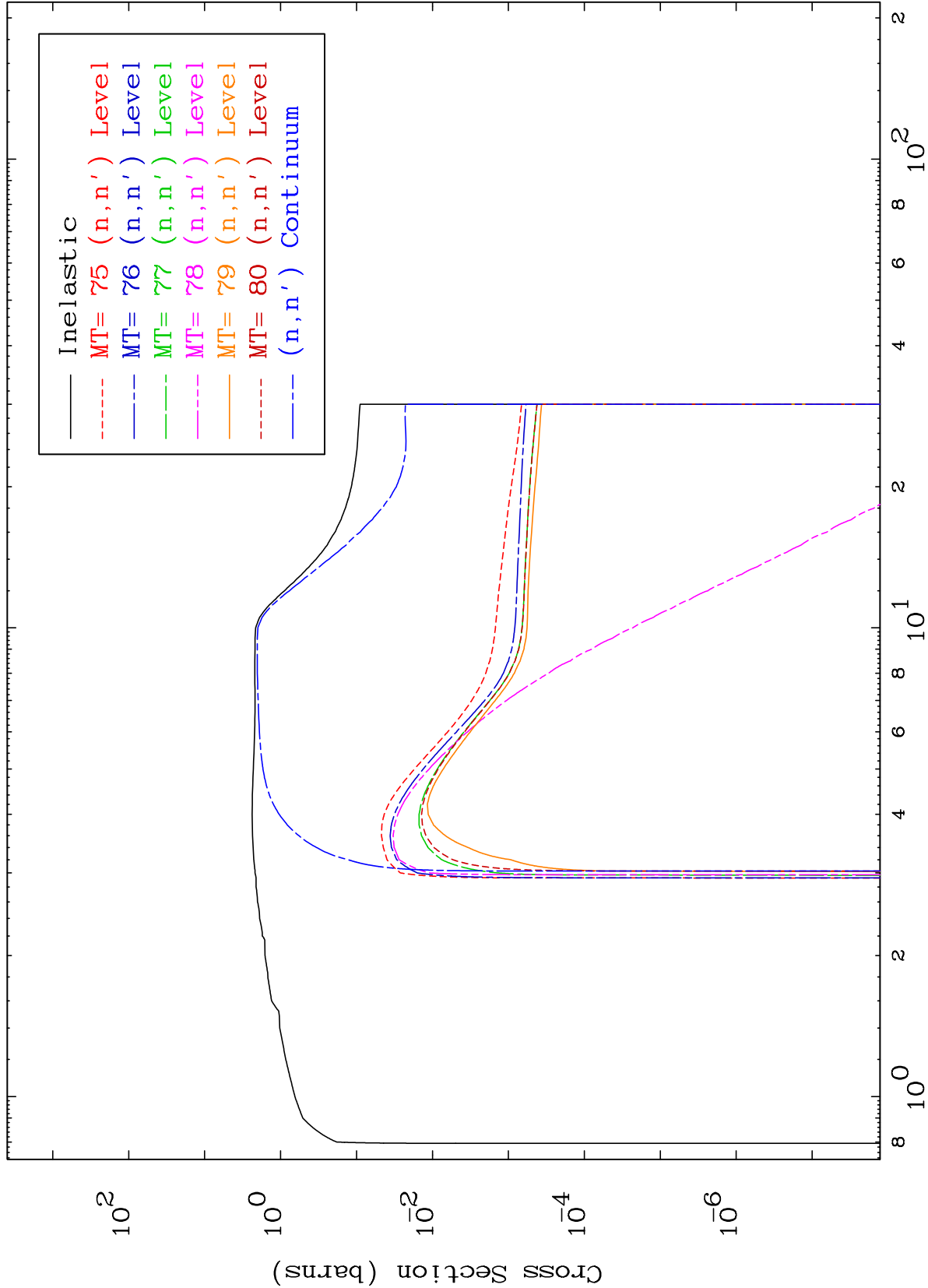


MAT 5831

(n,n') Levels

293 Kelvin Cross Sections

58-Ce-138



11

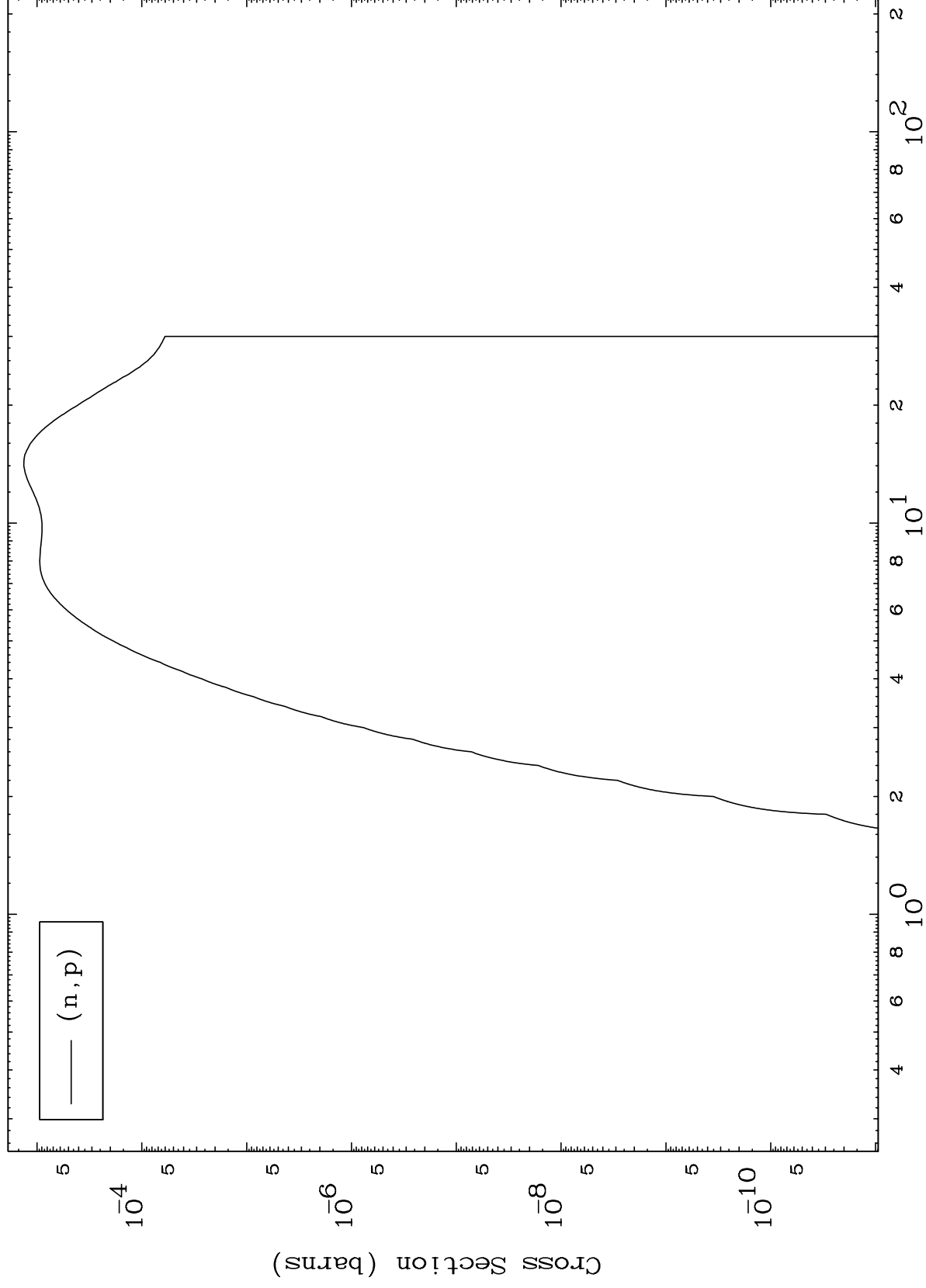
Incident Energy (MeV)

58-Ce-138

MAT 5831

58-Ce-138

(n,p) Levels
293 Kelvin Cross Sections



12

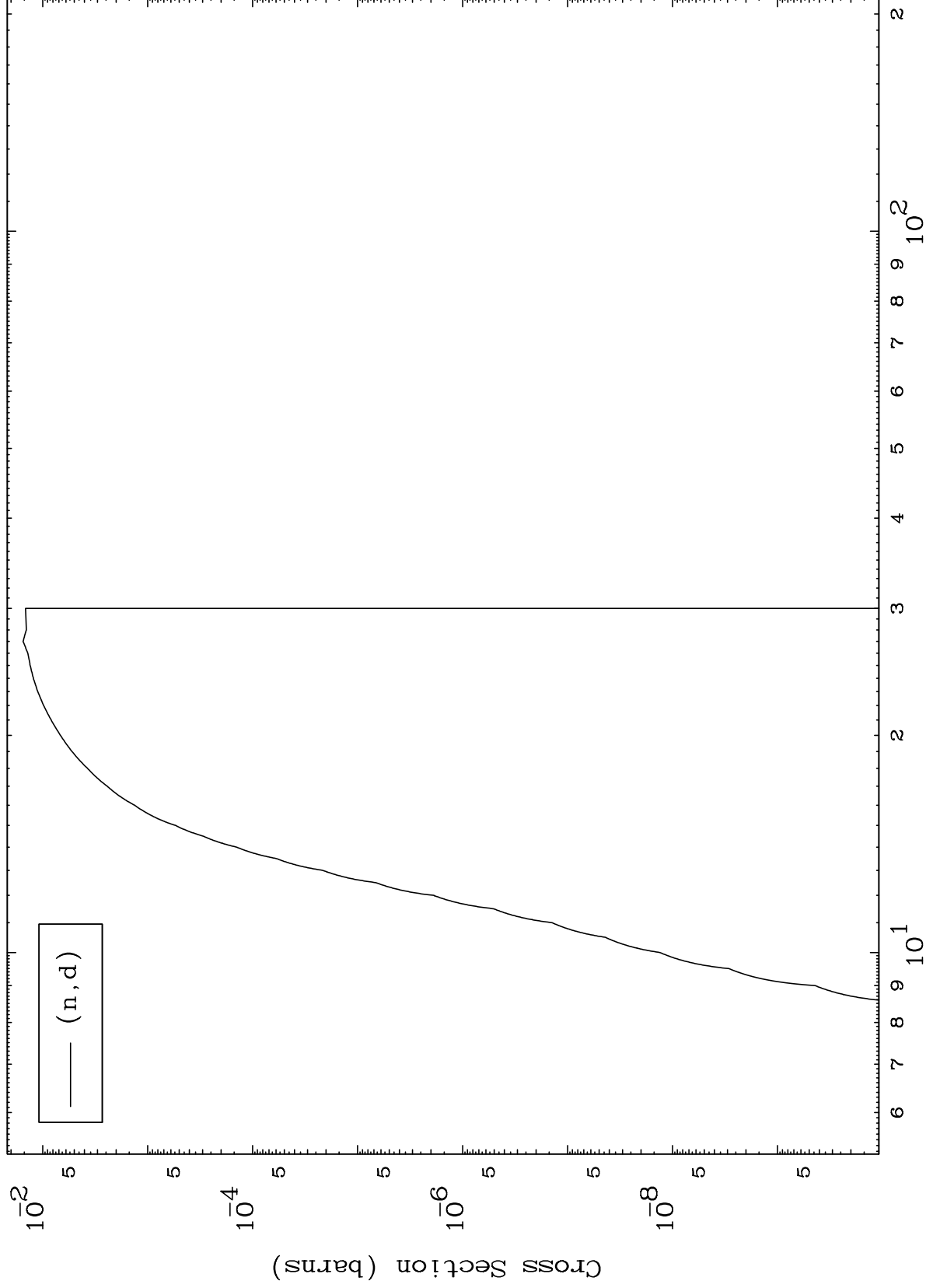
Incident Energy (MeV)

58-Ce-138

MAT 5831

58-Ce-138

(n,d) Levels
293 Kelvin Cross Sections



58-Ce-138

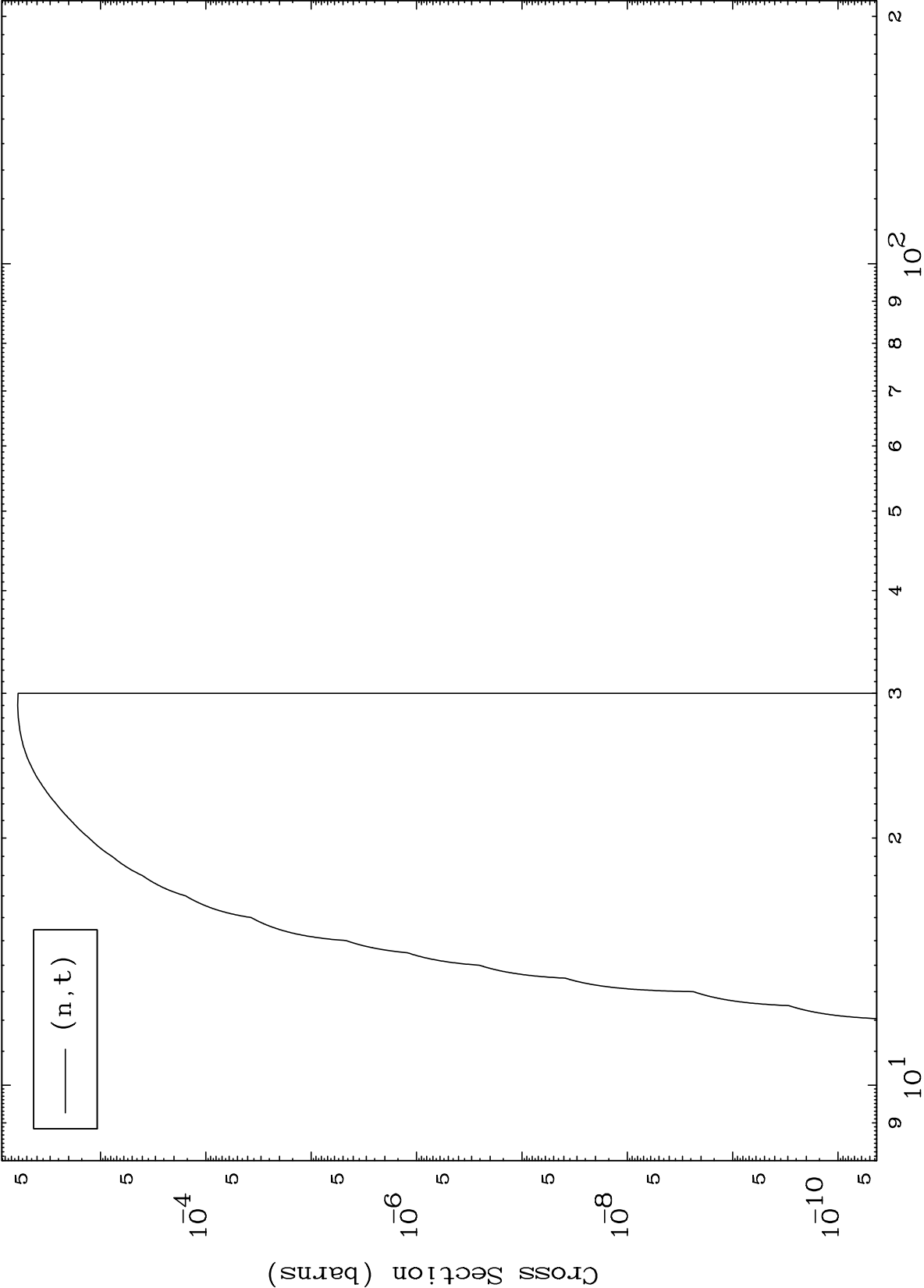
Incident Energy (MeV)

13

MAT 5831

58-Ce-138

(n,t) Levels
293 Kelvin Cross Sections



58-Ce-138

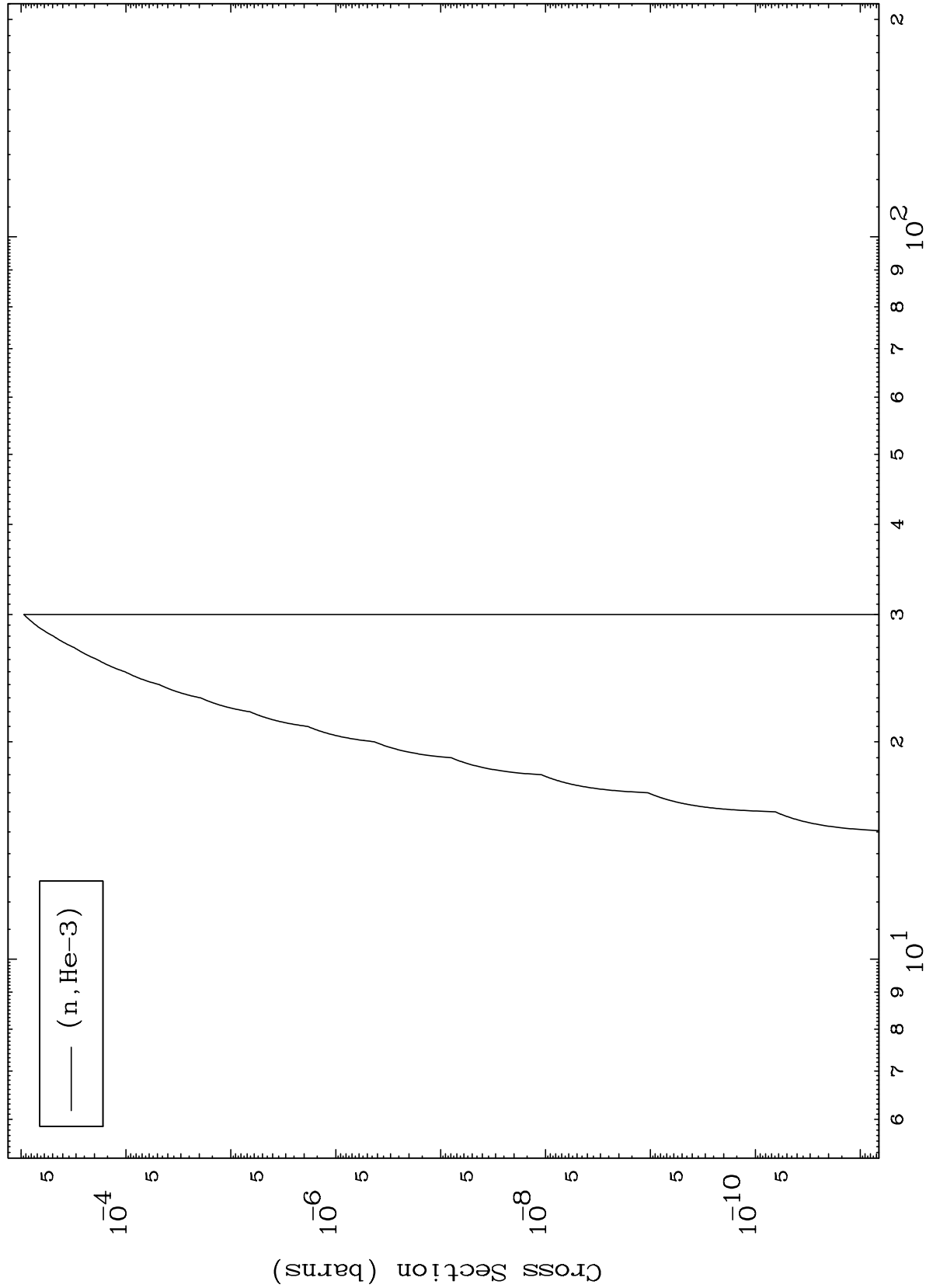
Incident Energy (MeV)

14

MAT 5831

(n,He3) Levels
293 Kelvin Cross Sections

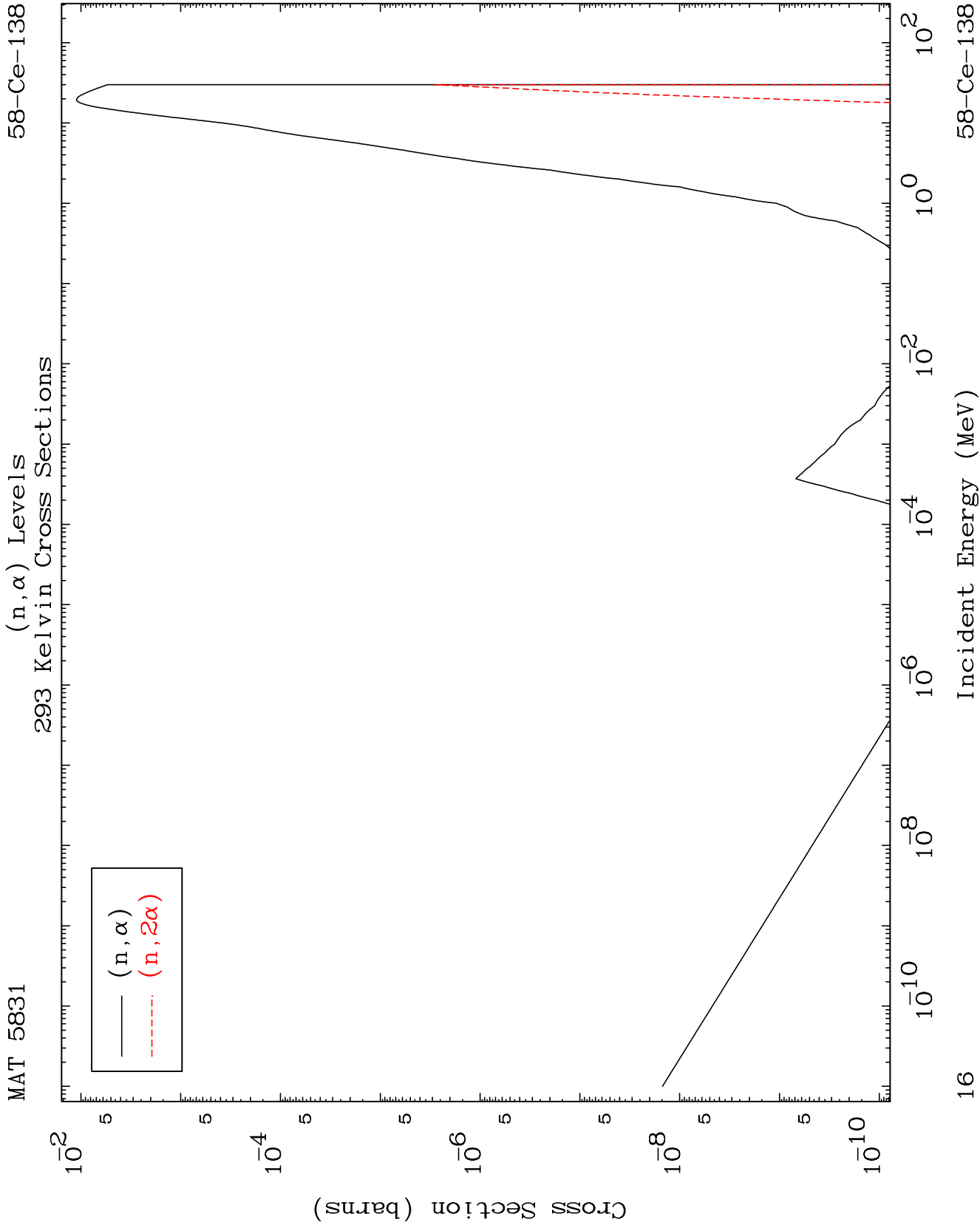
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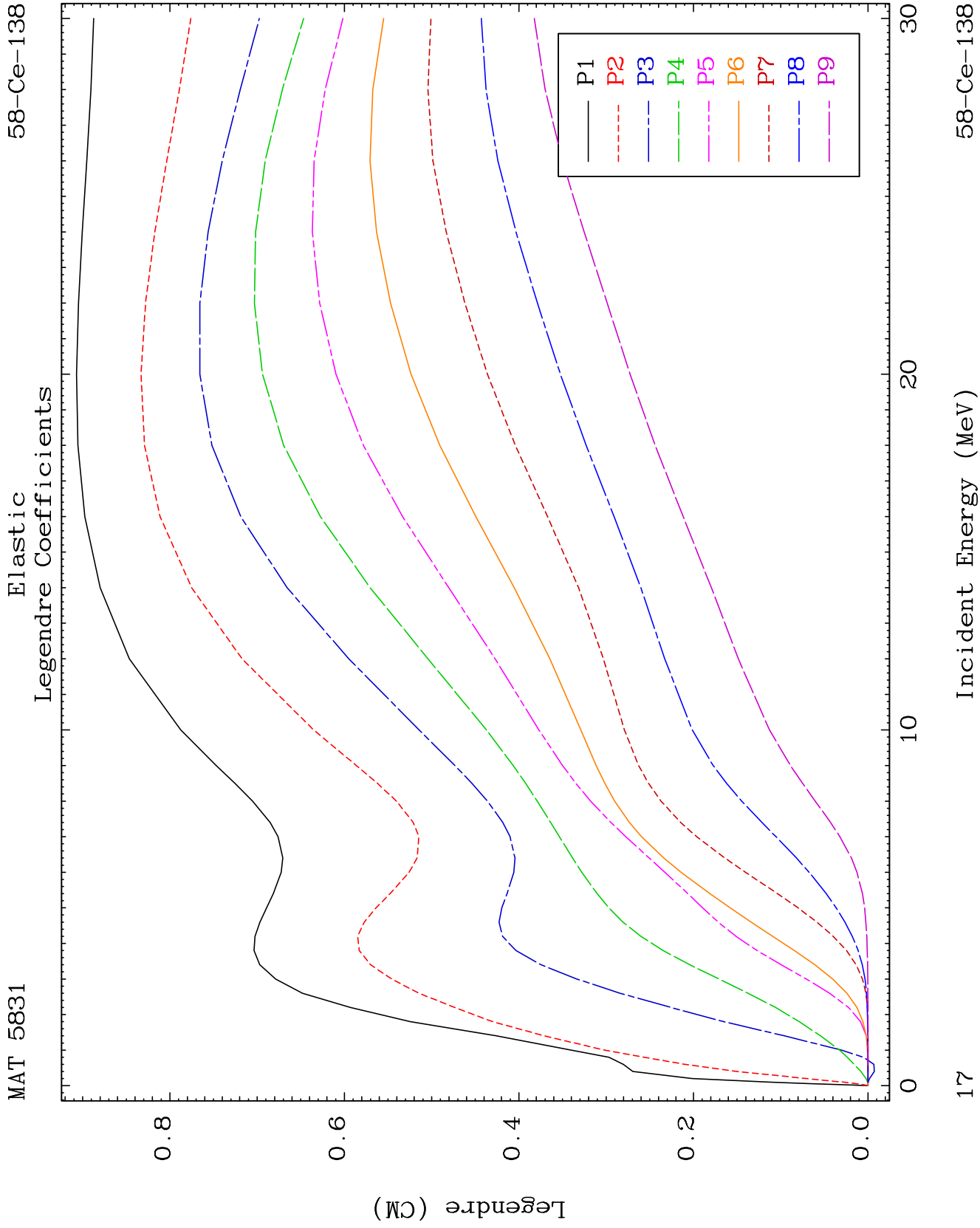


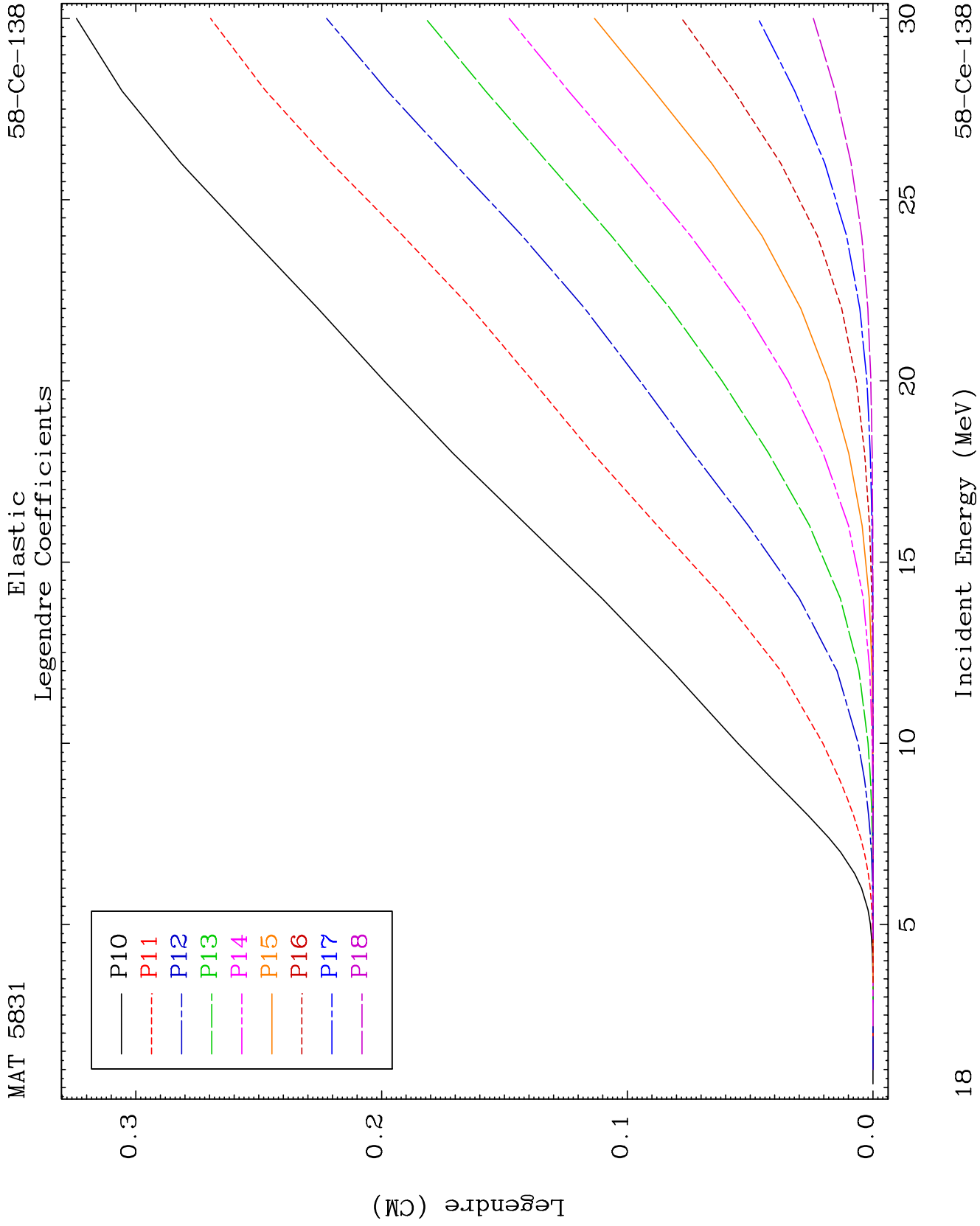
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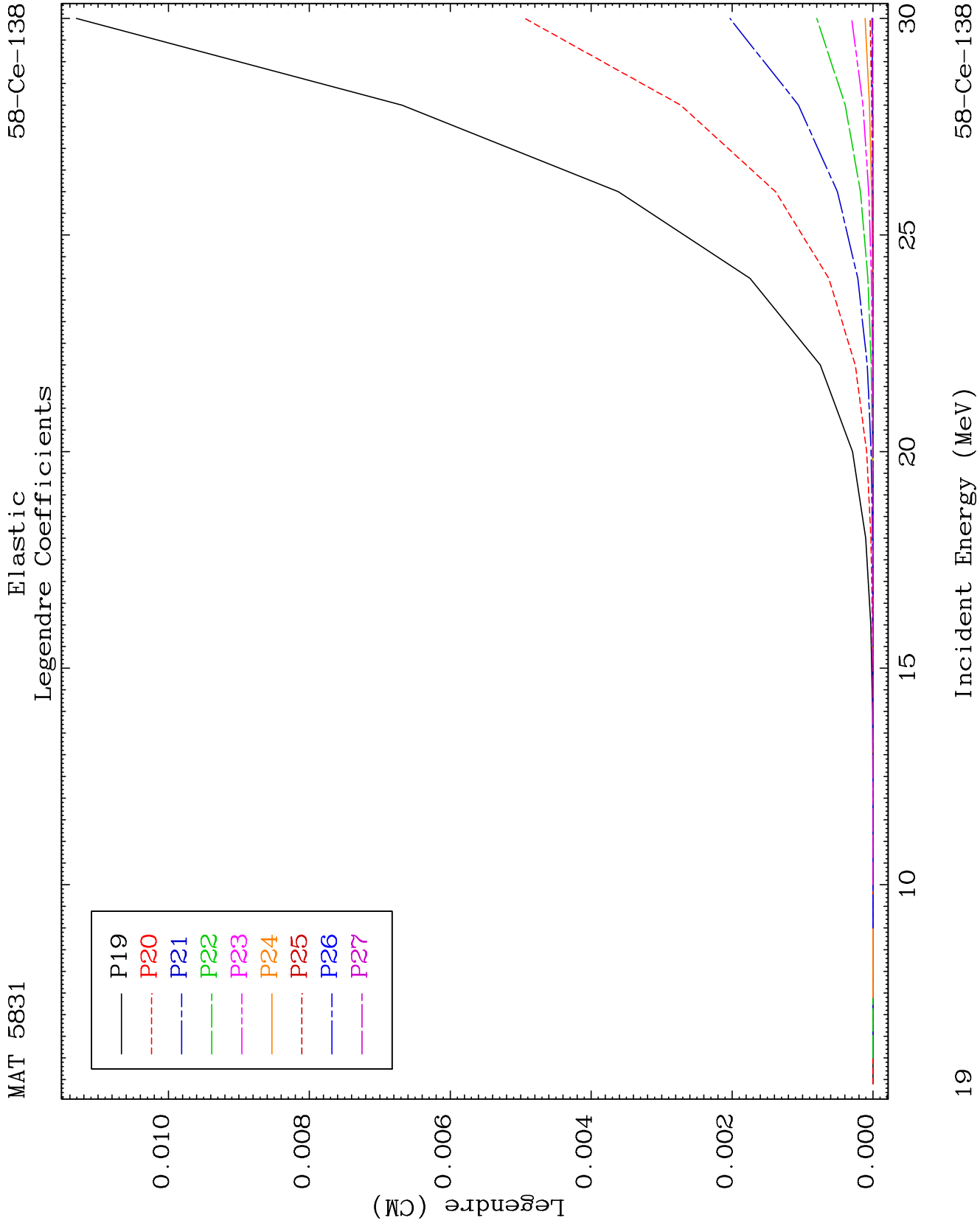
Incident Energy (MeV)

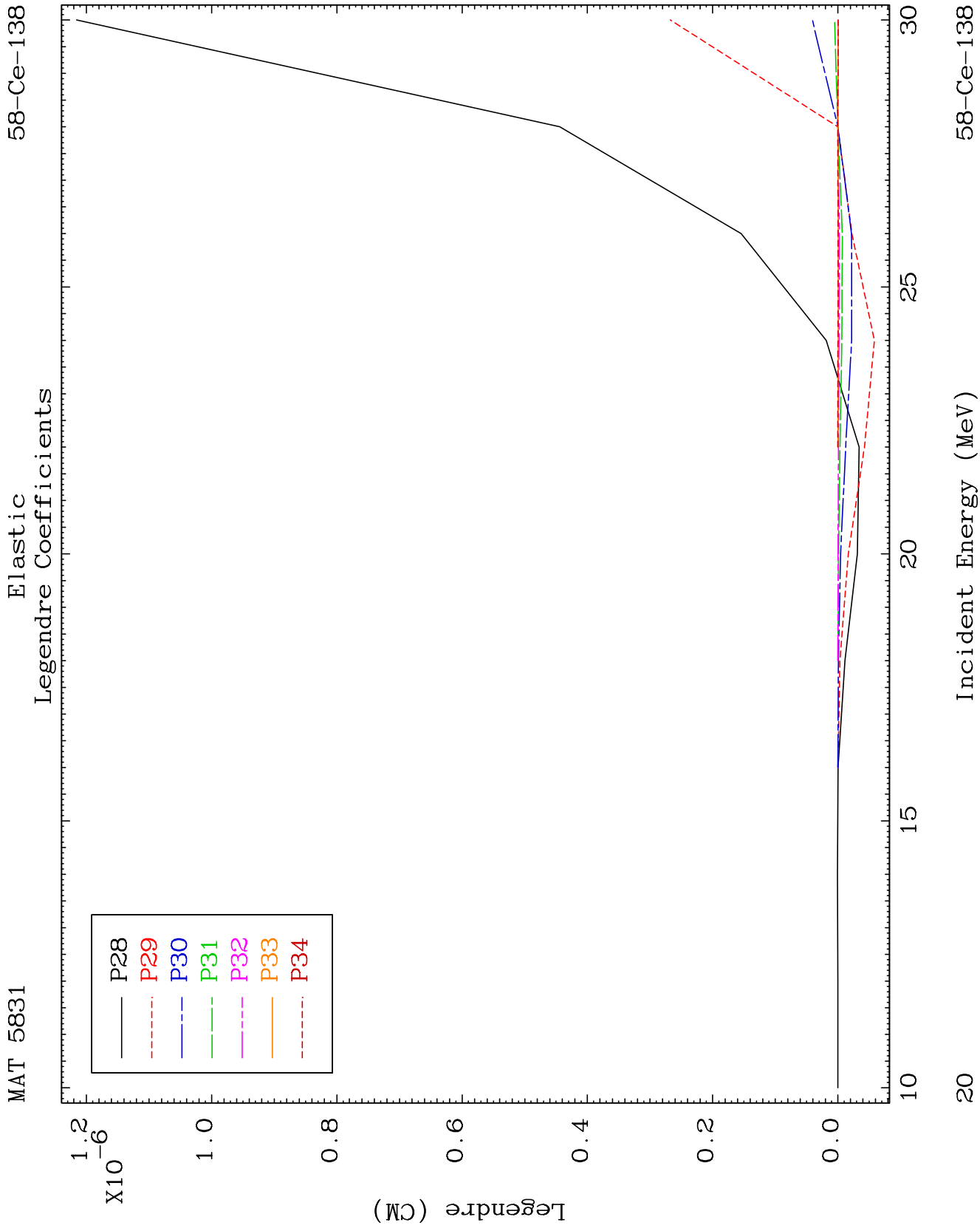
58-Ce-138

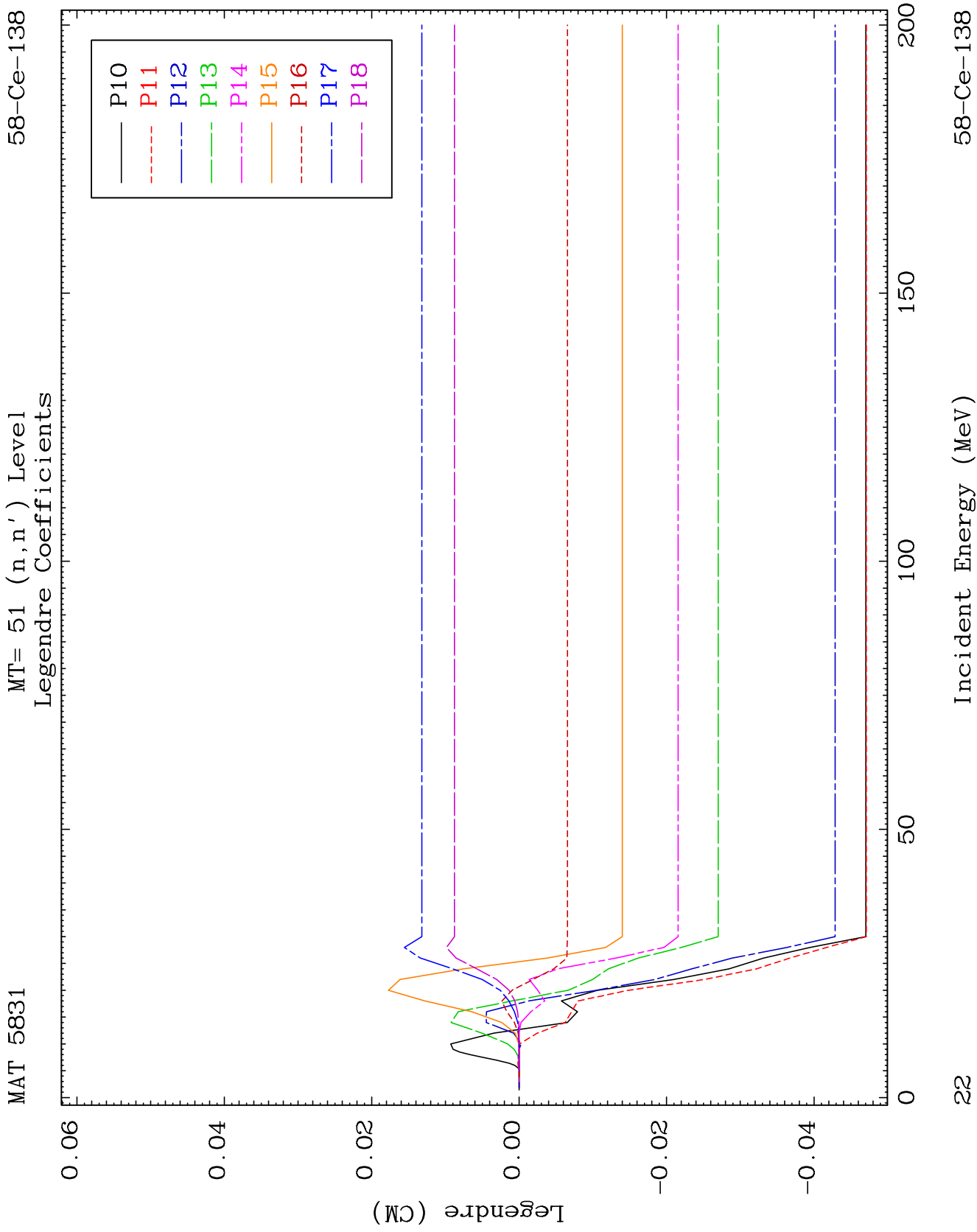








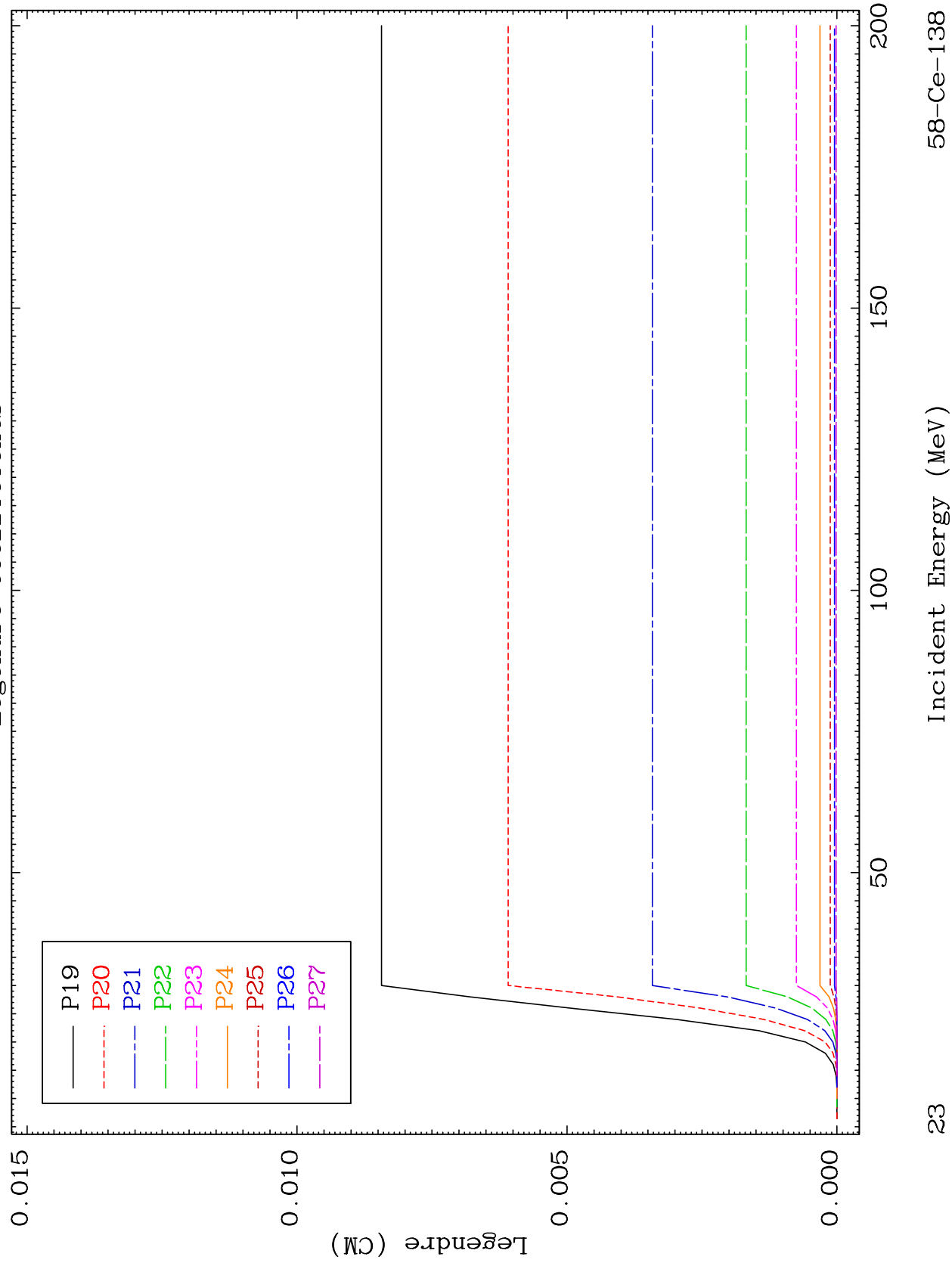


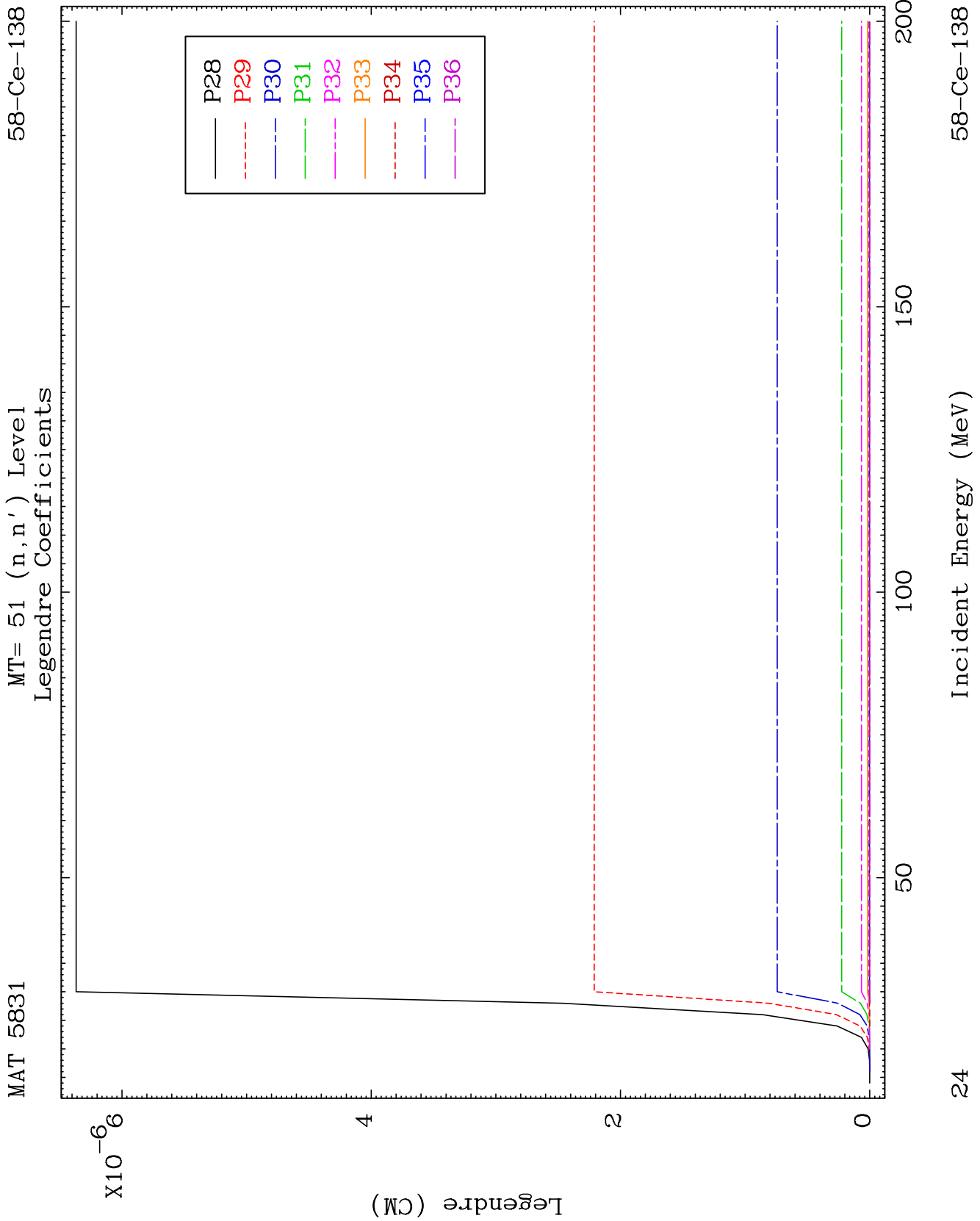


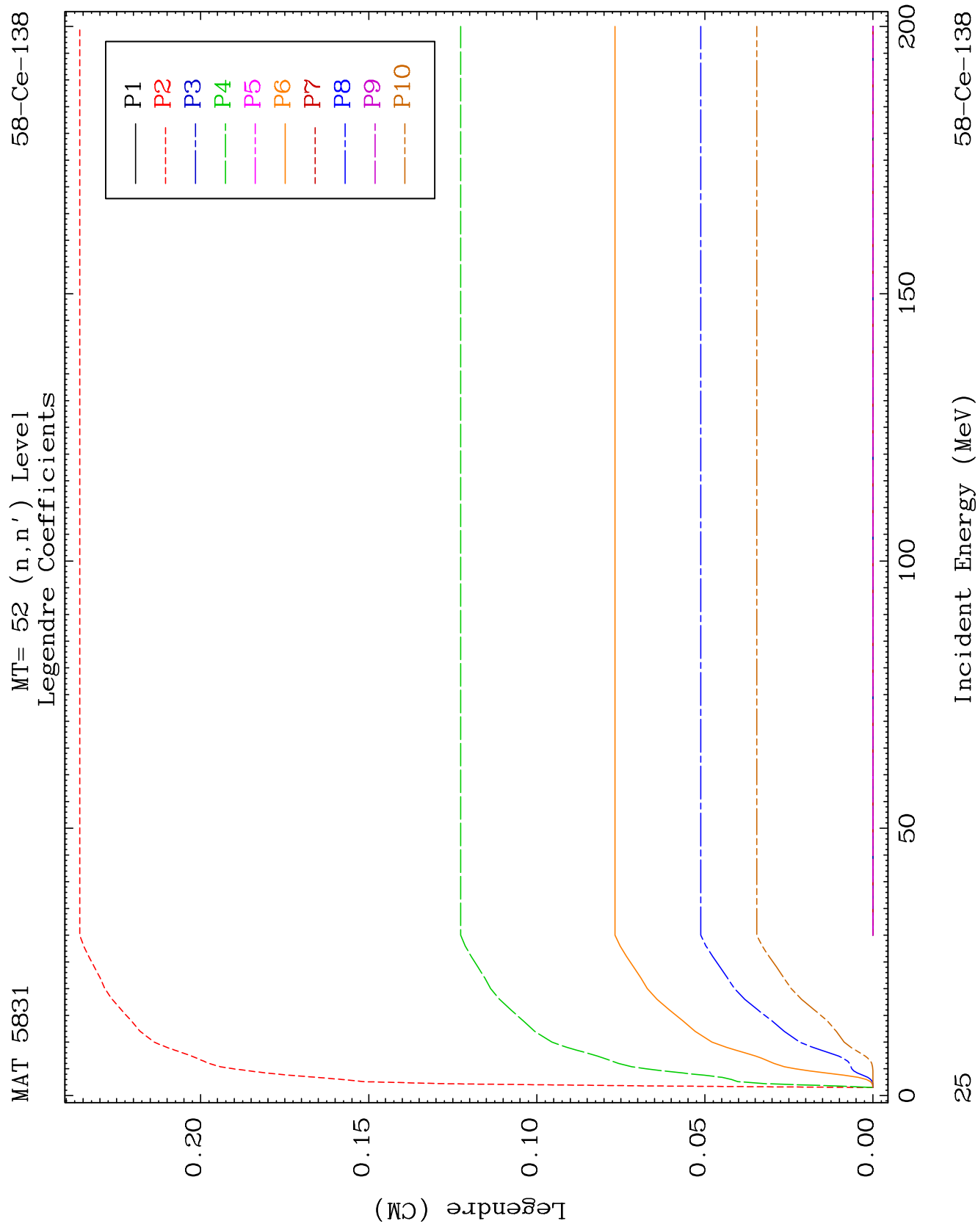
MAT 5831

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

58-Ce-138



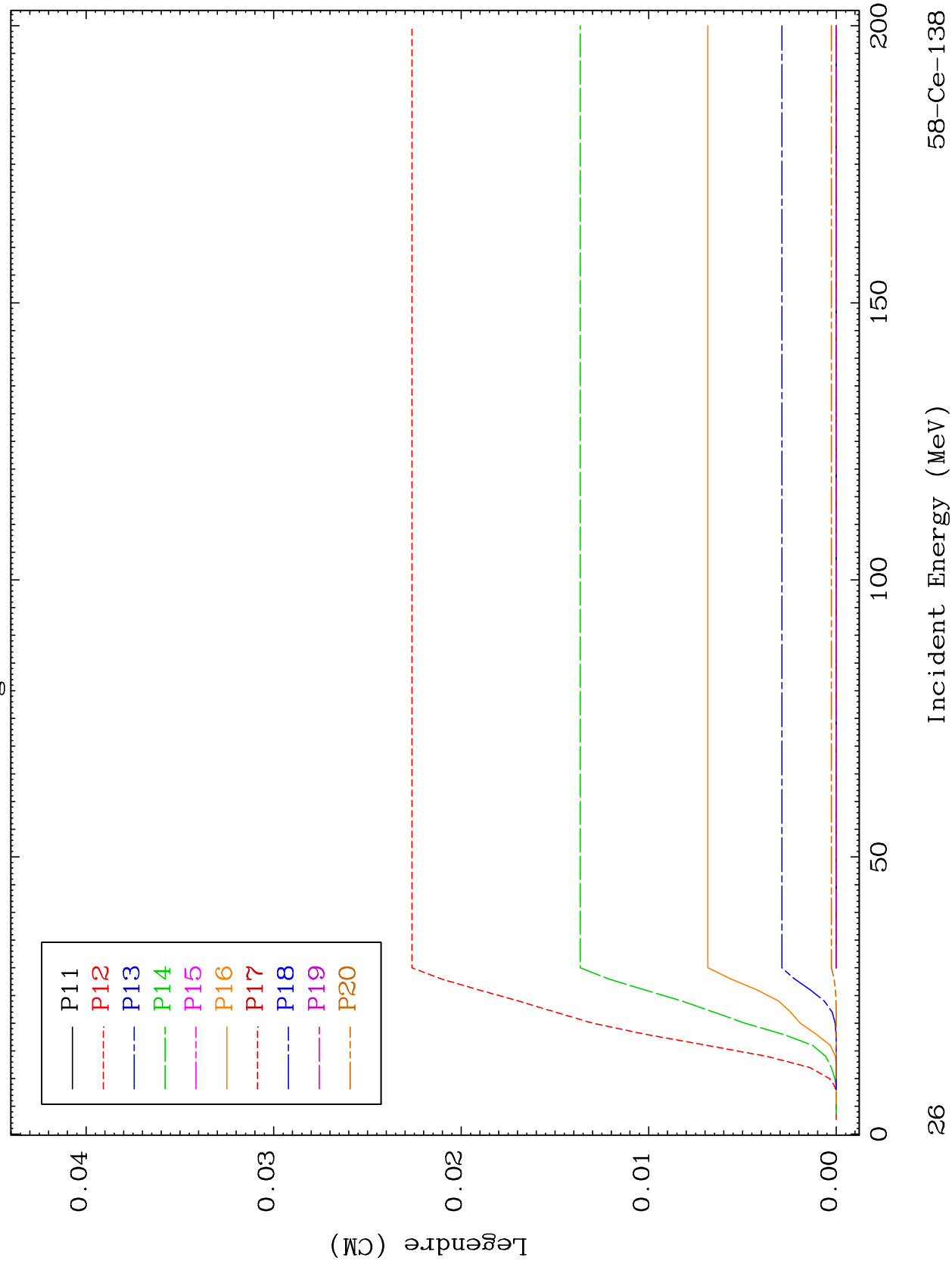




MAT 5831

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

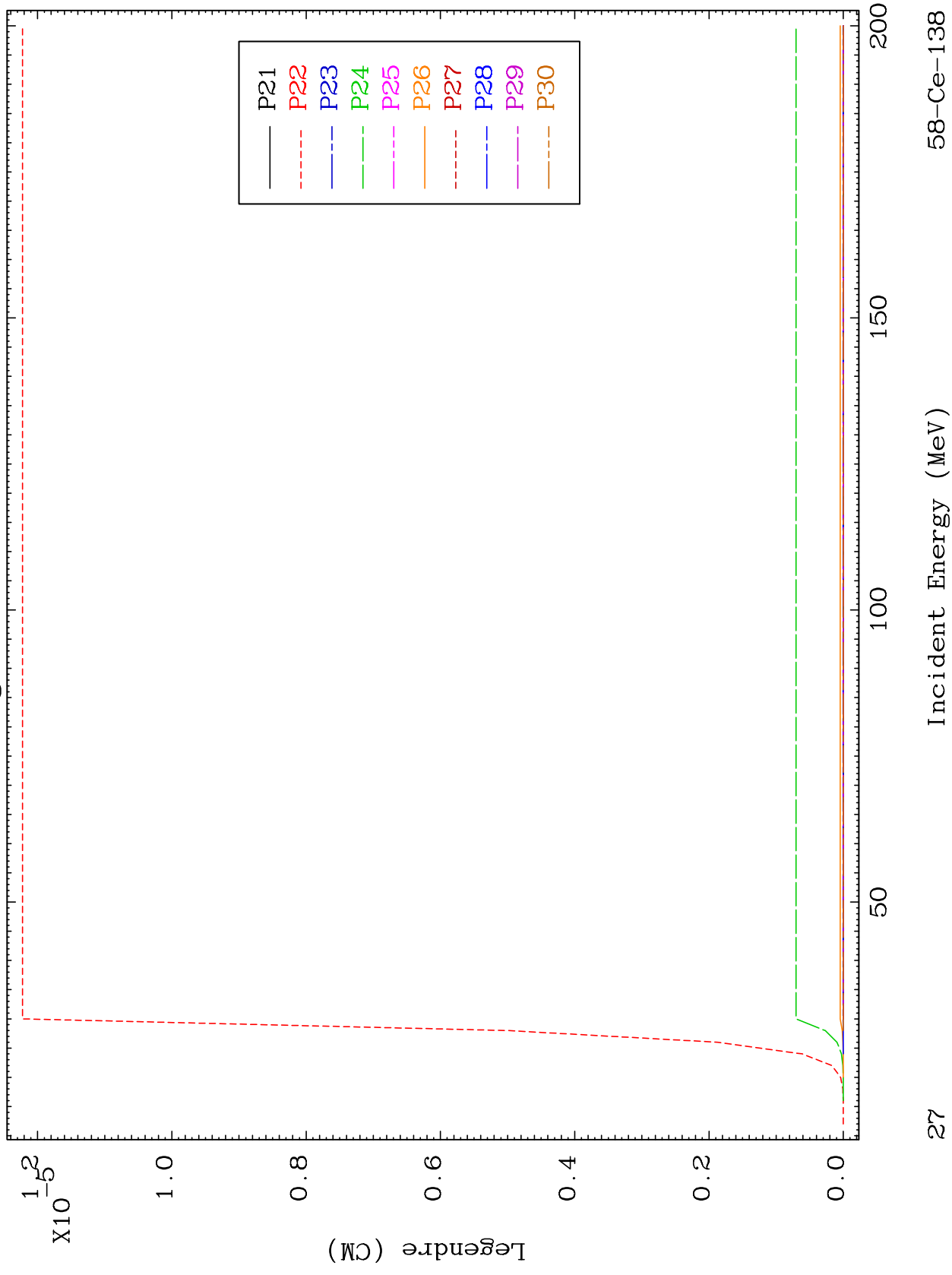
58-Ce-138

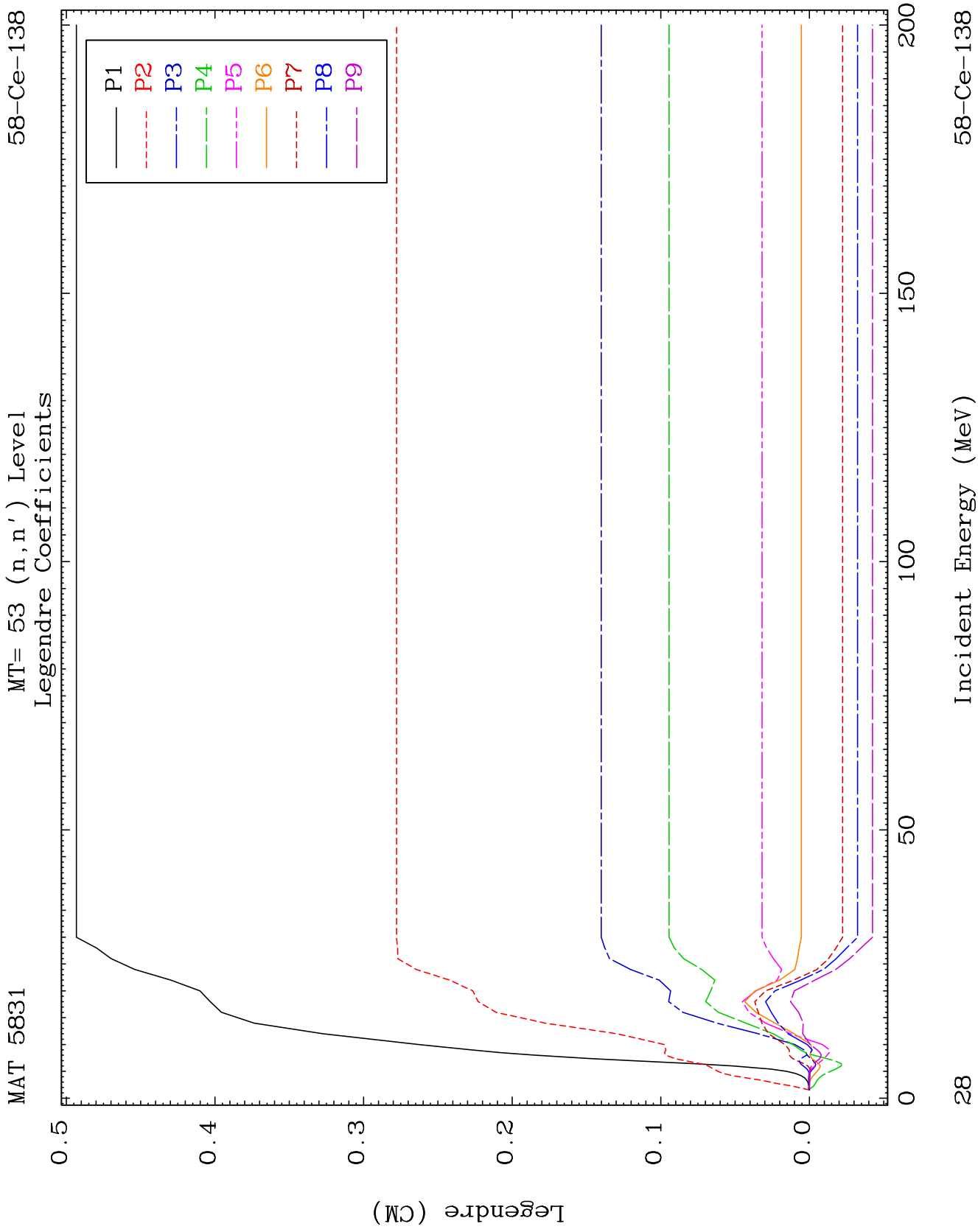


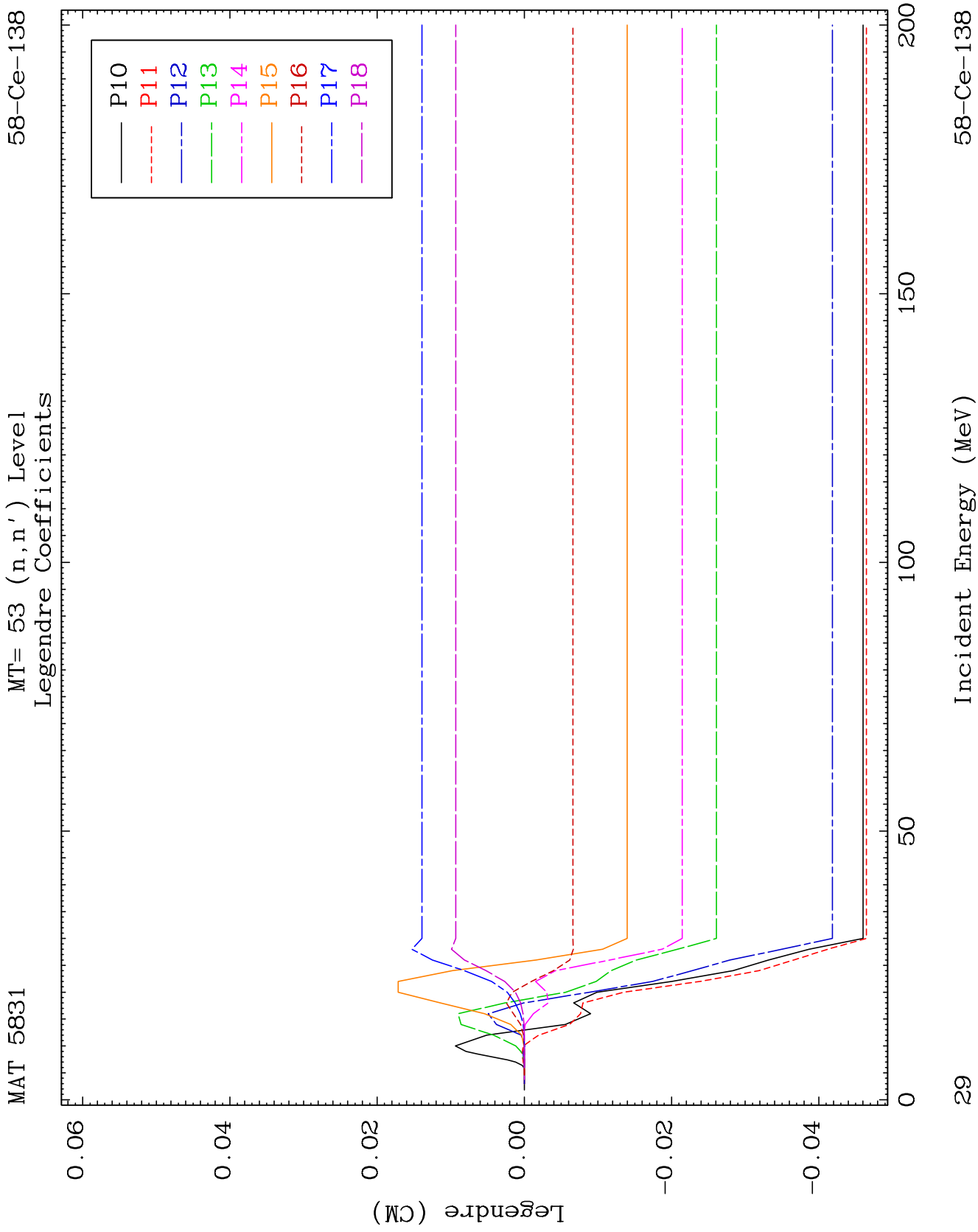
MAT 5831

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

58-Ce-138



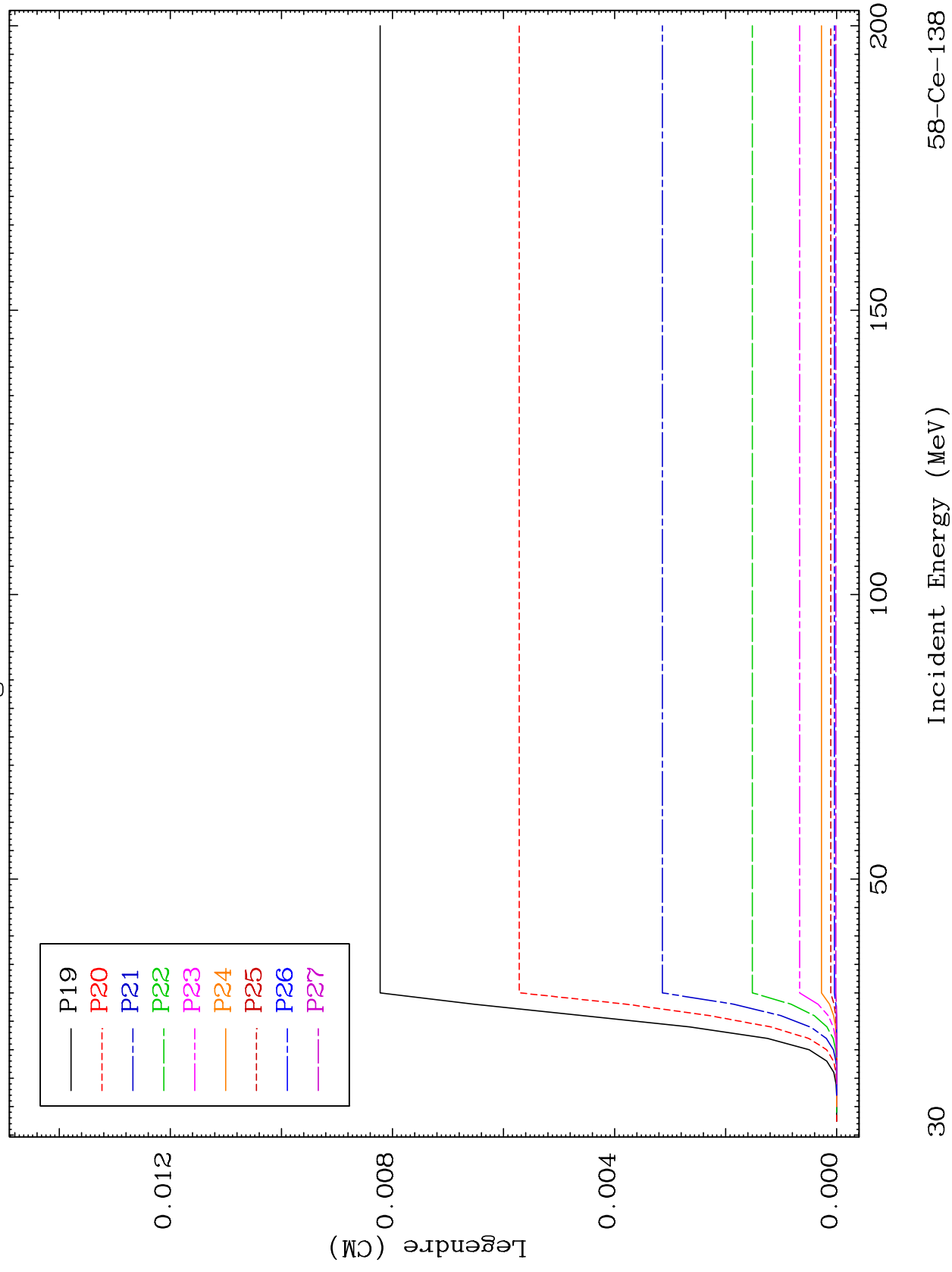


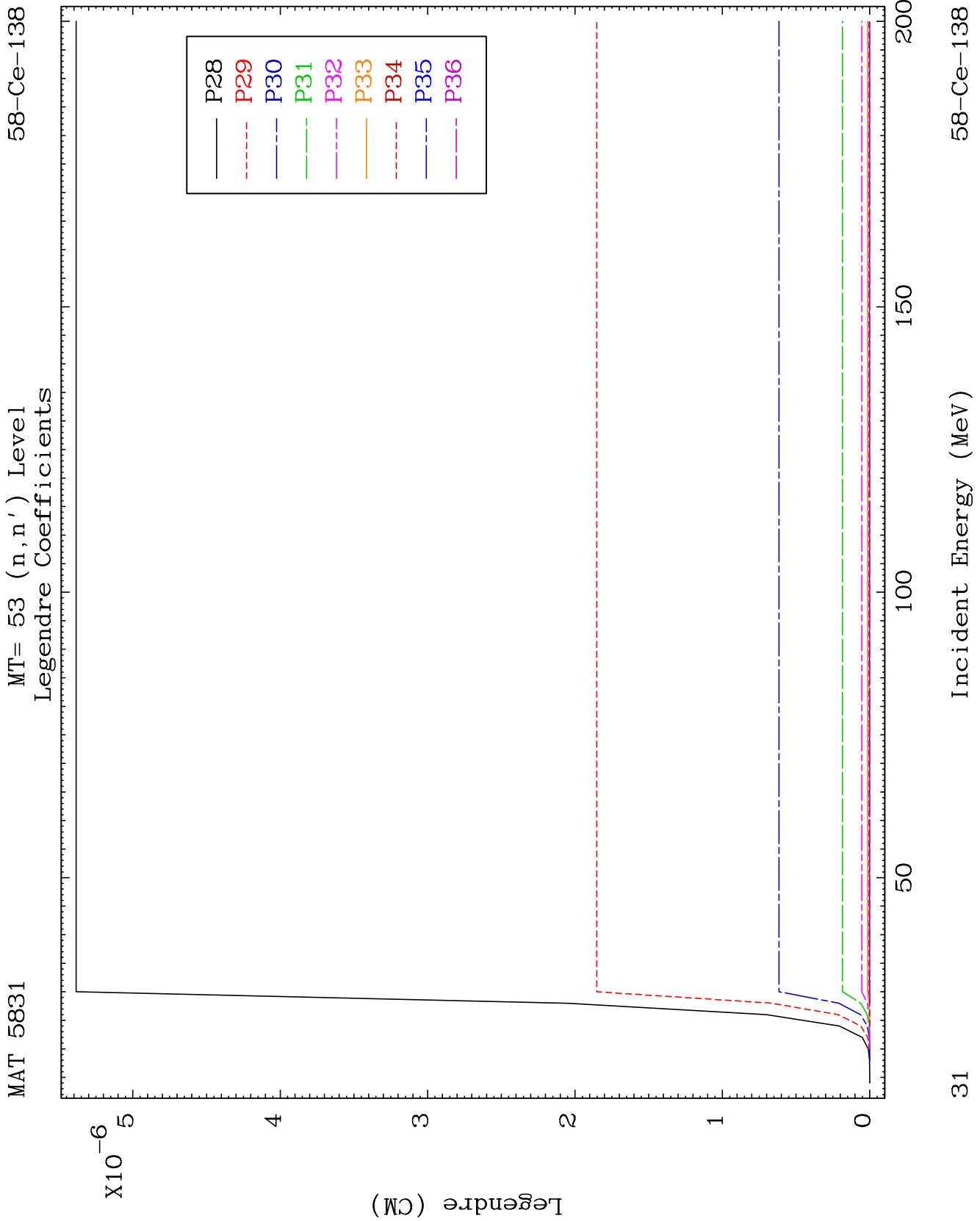


MAT 5831

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

58-Ce-138

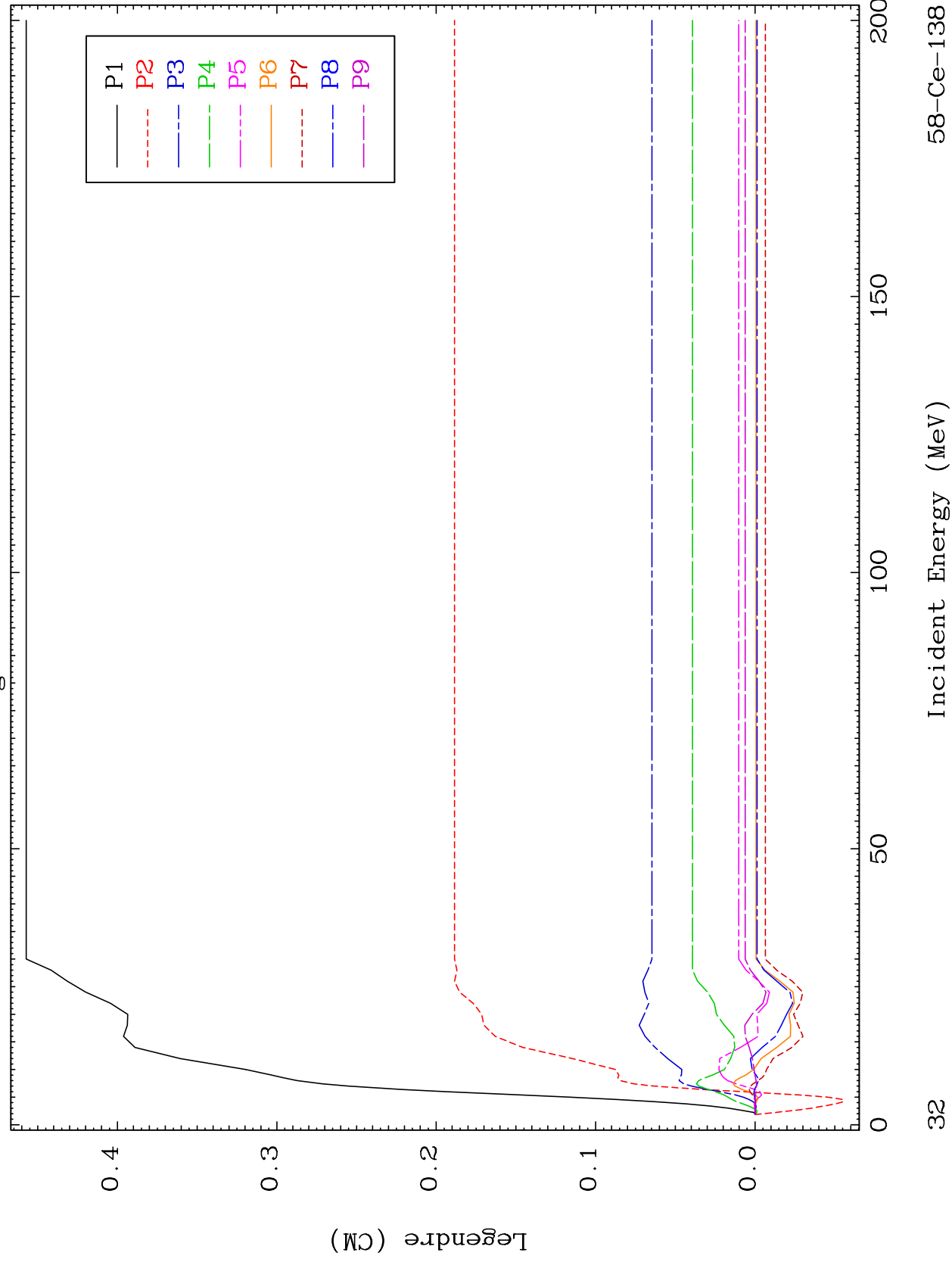


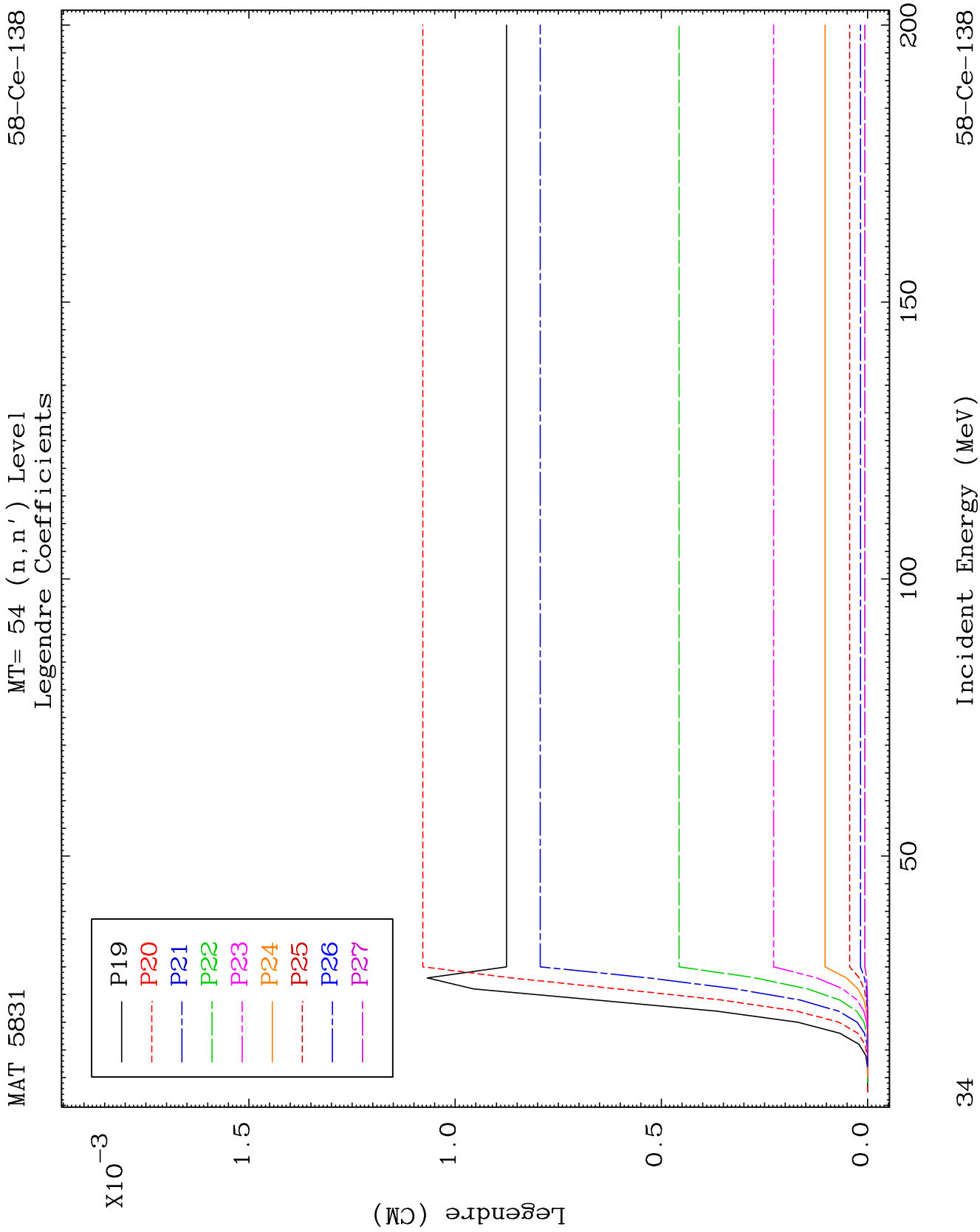


MAT 5831

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

58-Ce-138

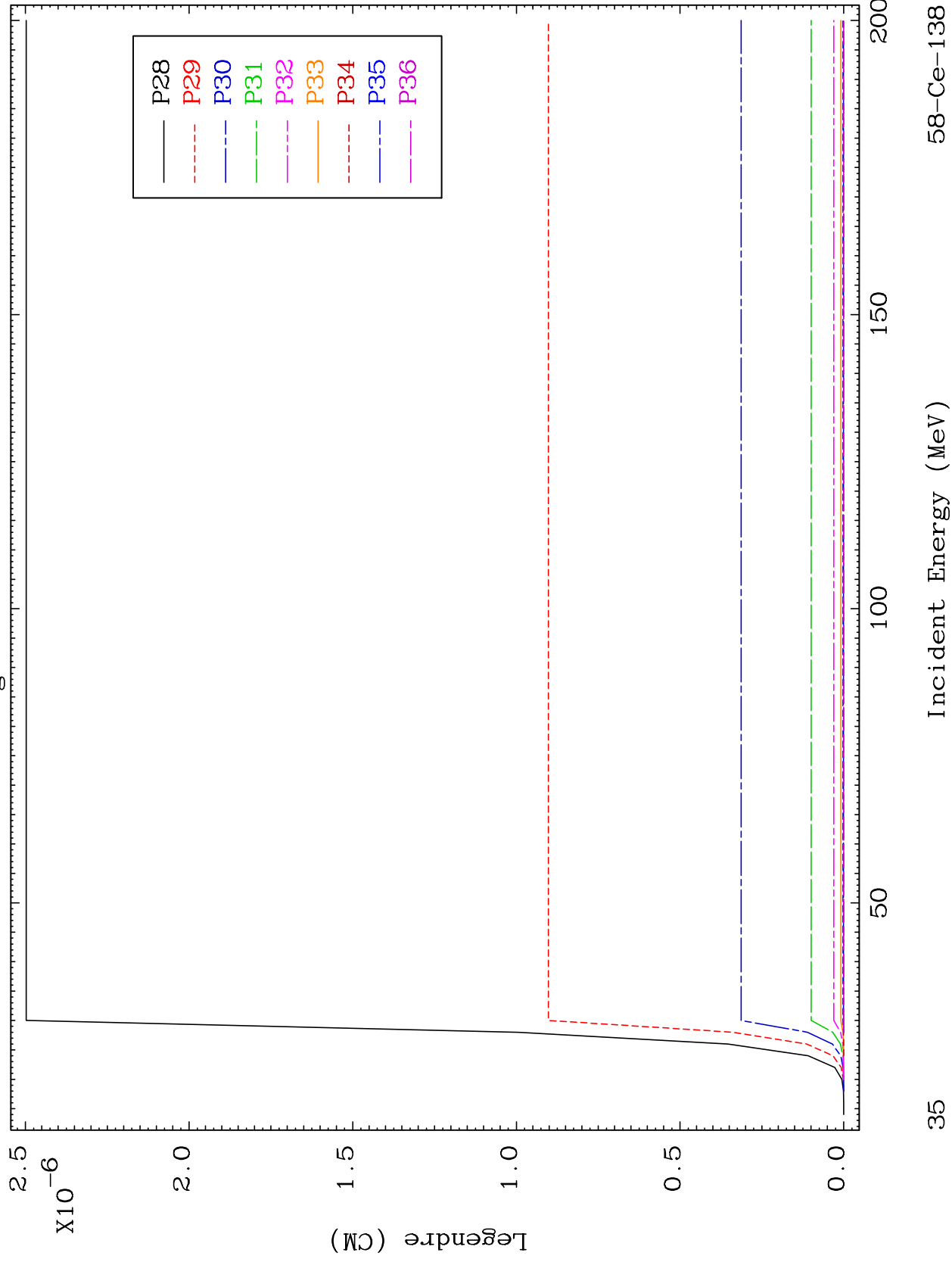


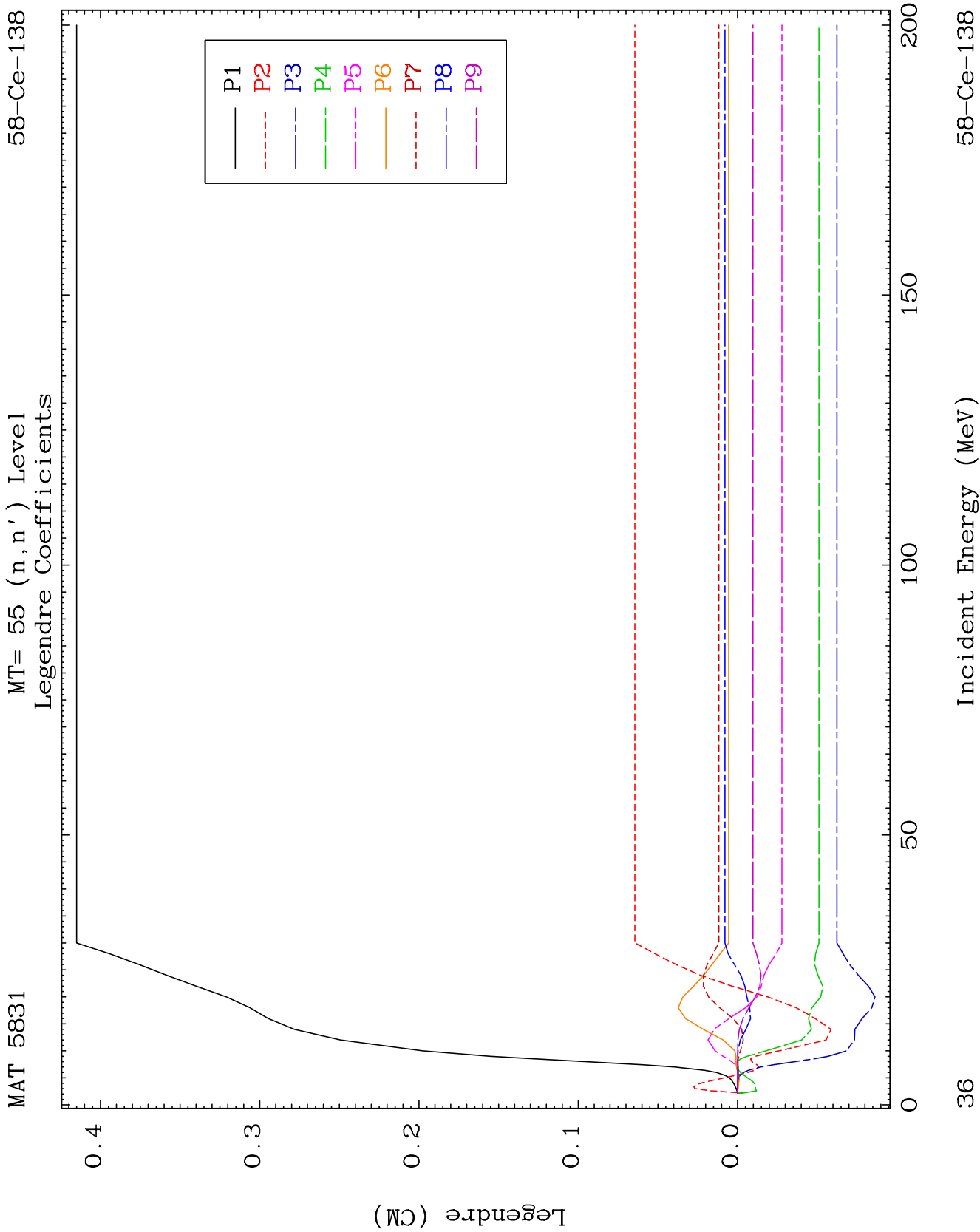


MAT 5831

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

58-Ce-138

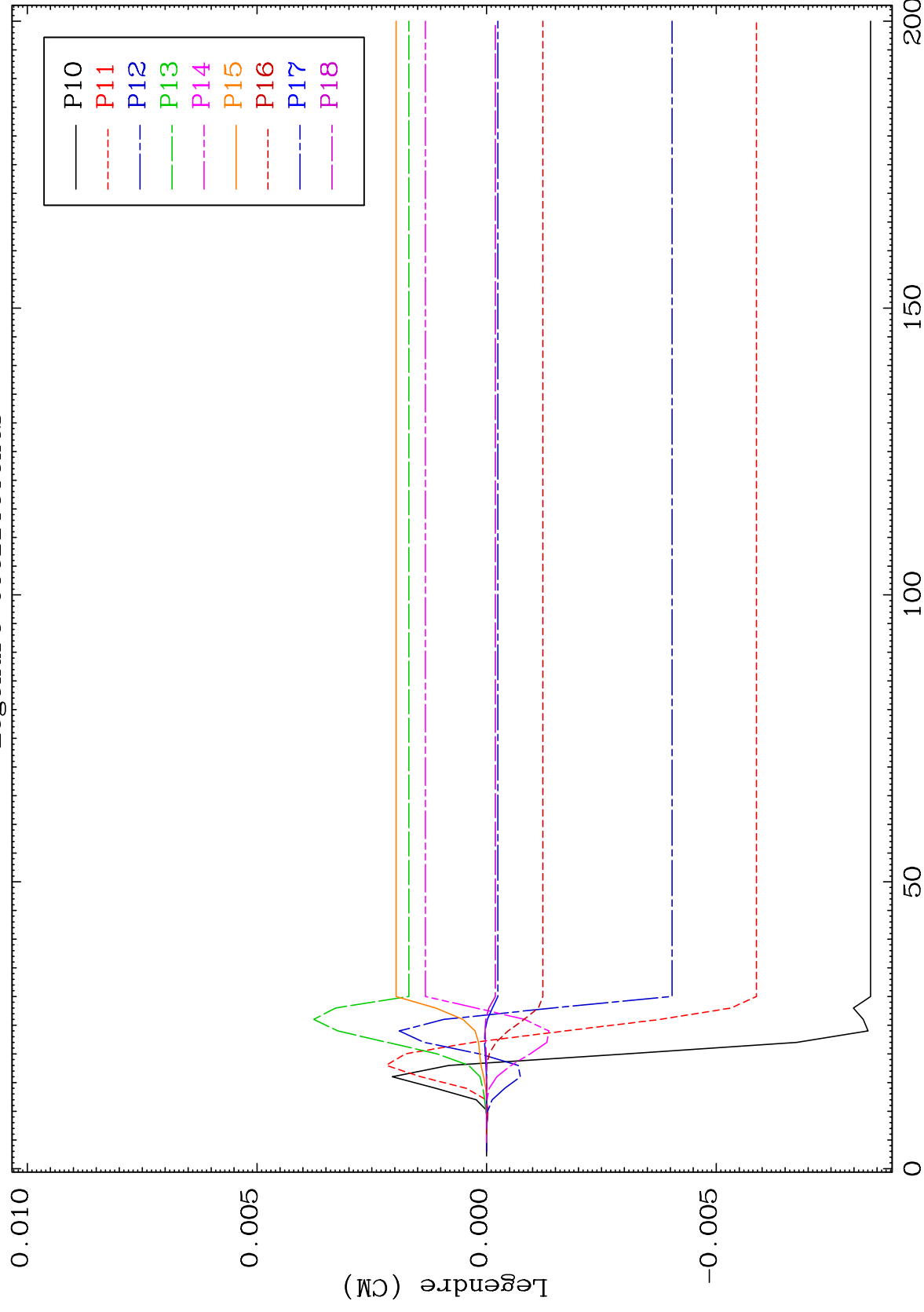




MAT 5831

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

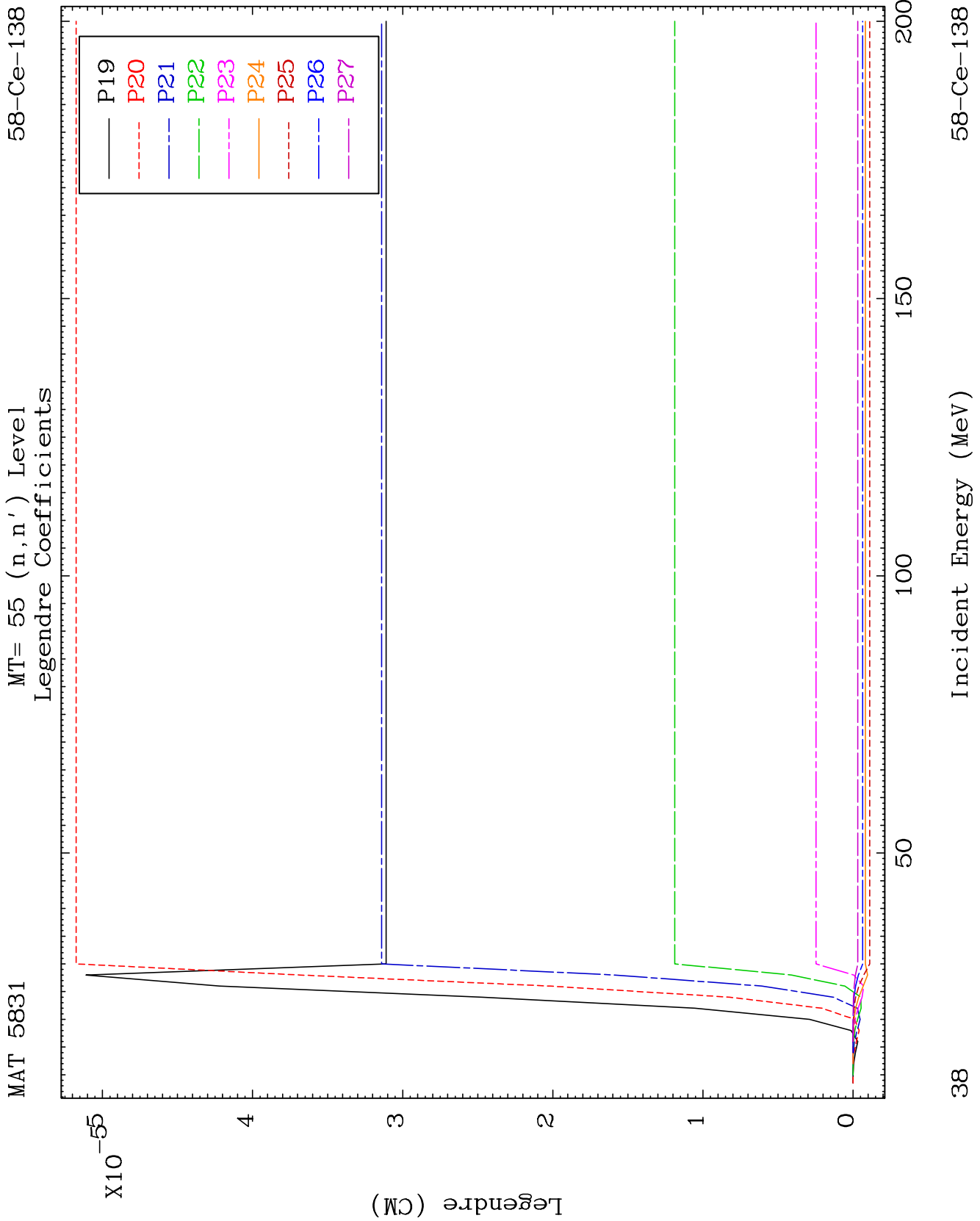
58-Ce-138

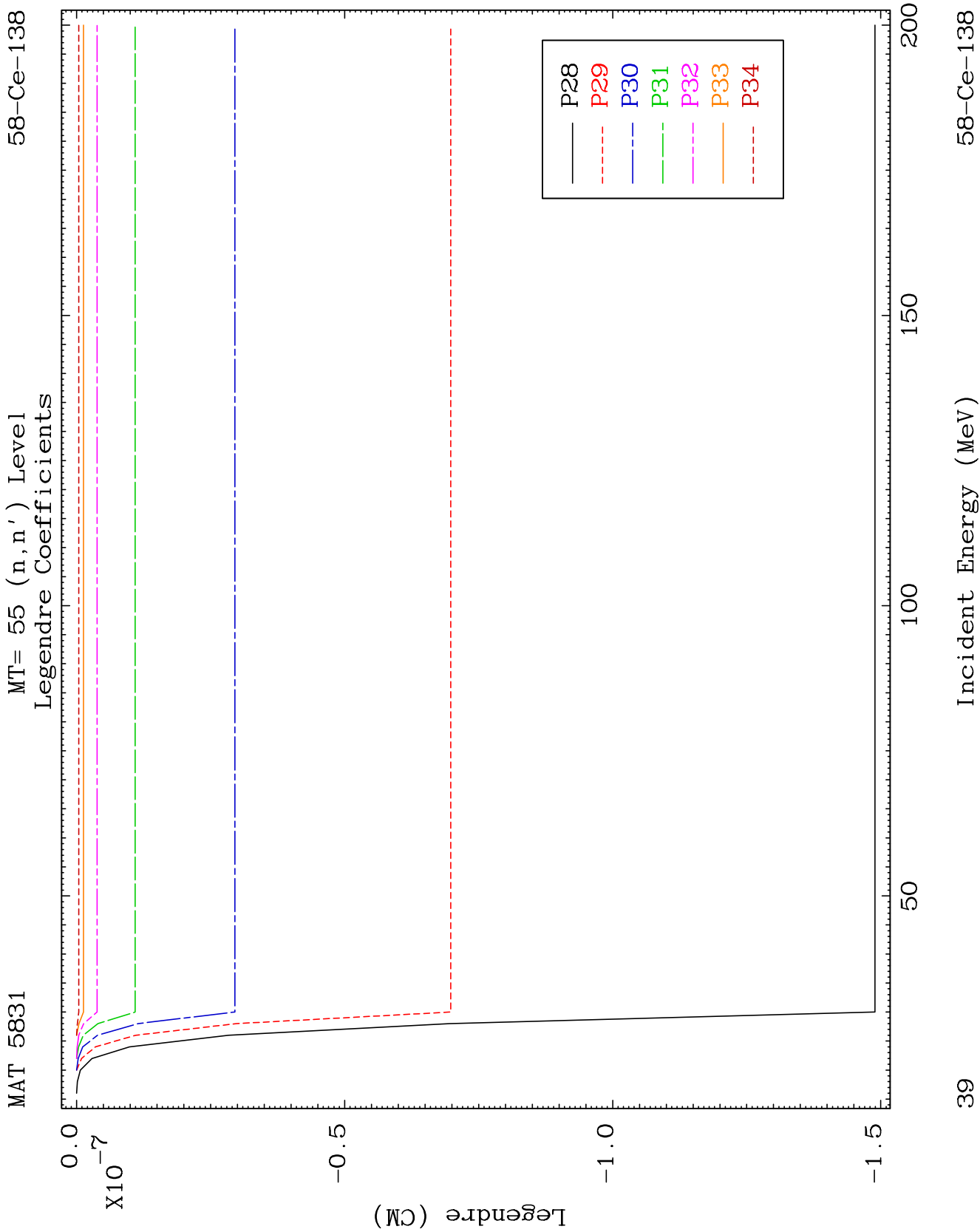


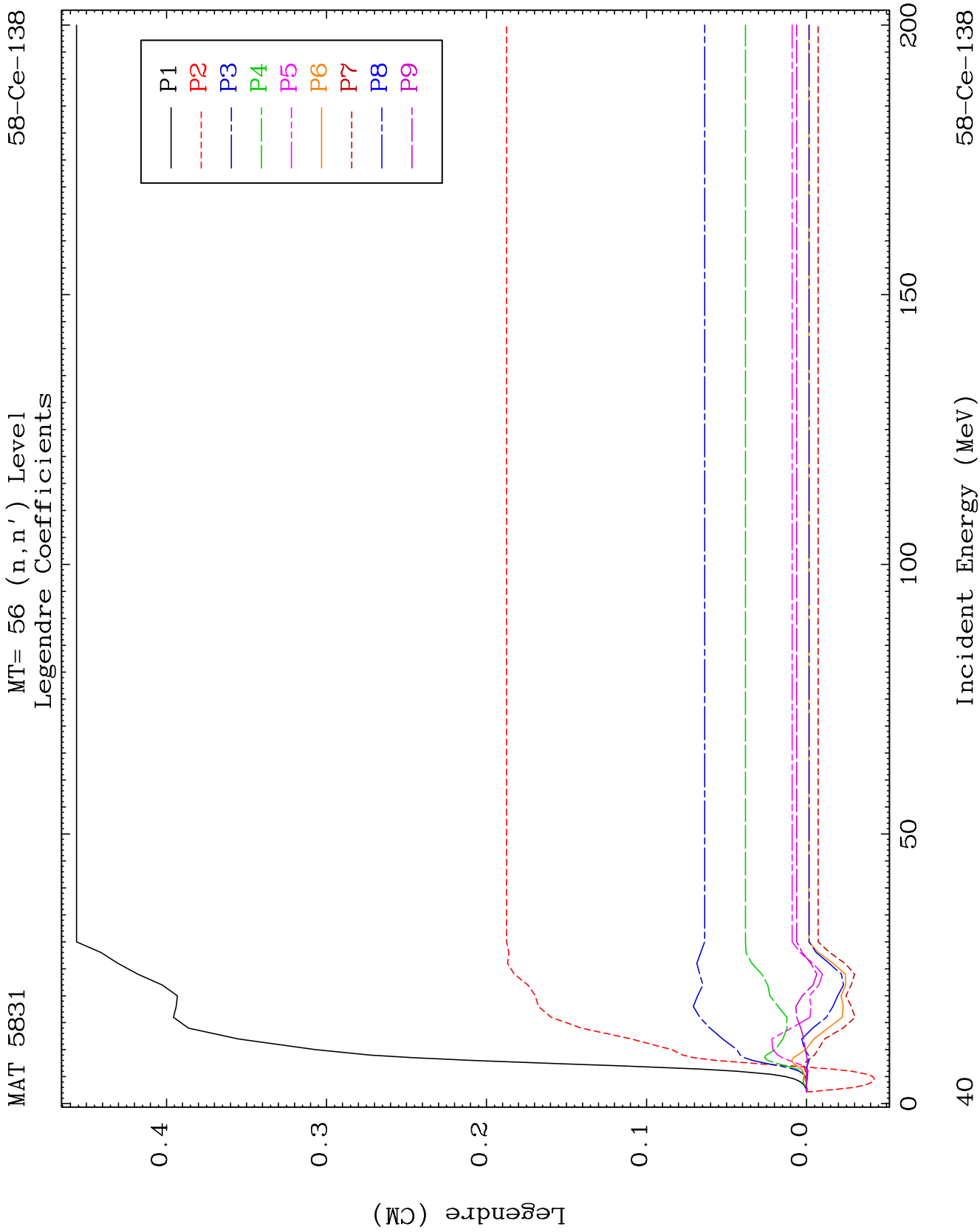
37

Incident Energy (MeV)

58-Ce-138



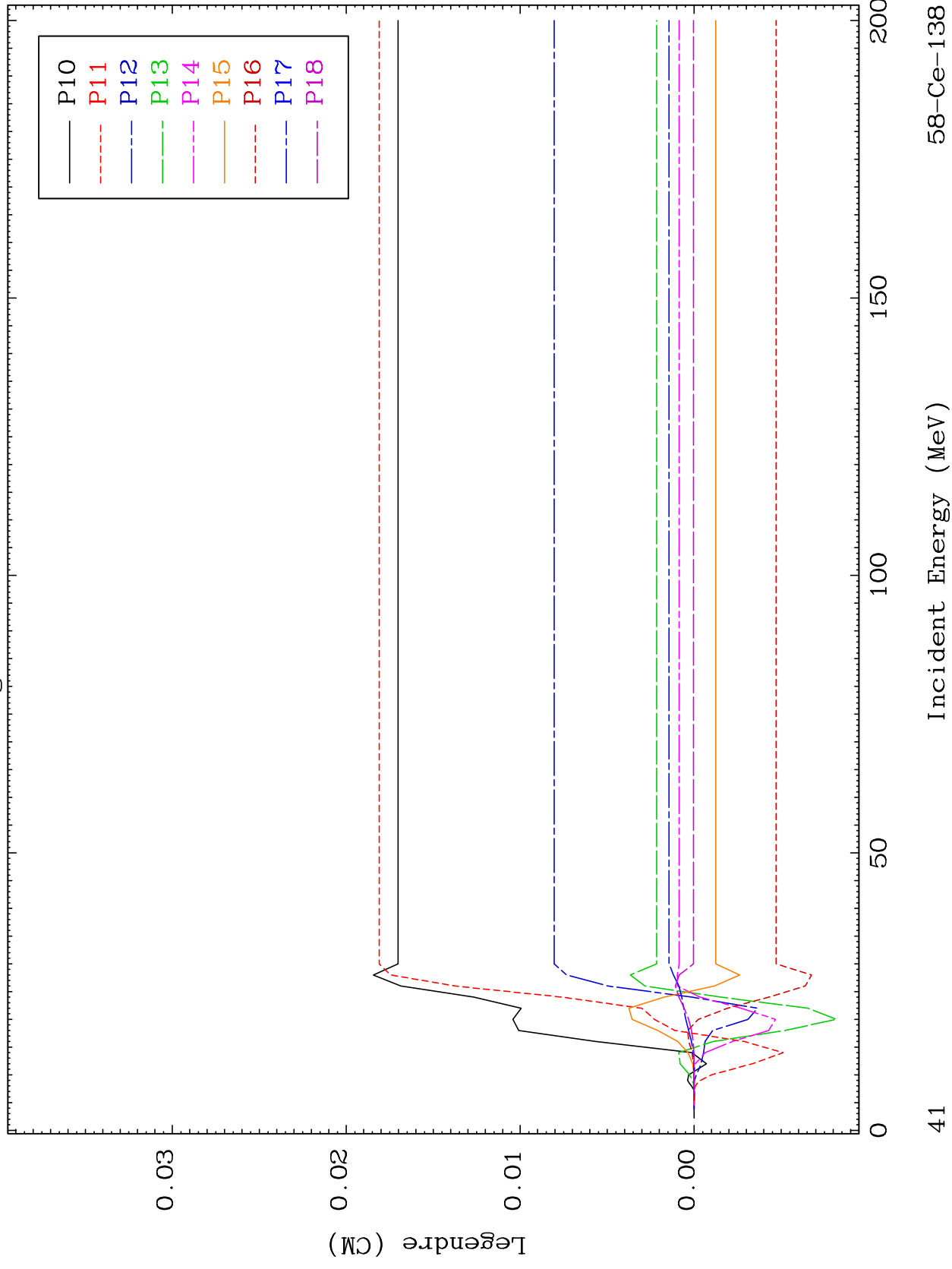




MAT 5831

MT= 56 (n, n') Level
Legendre Coefficients

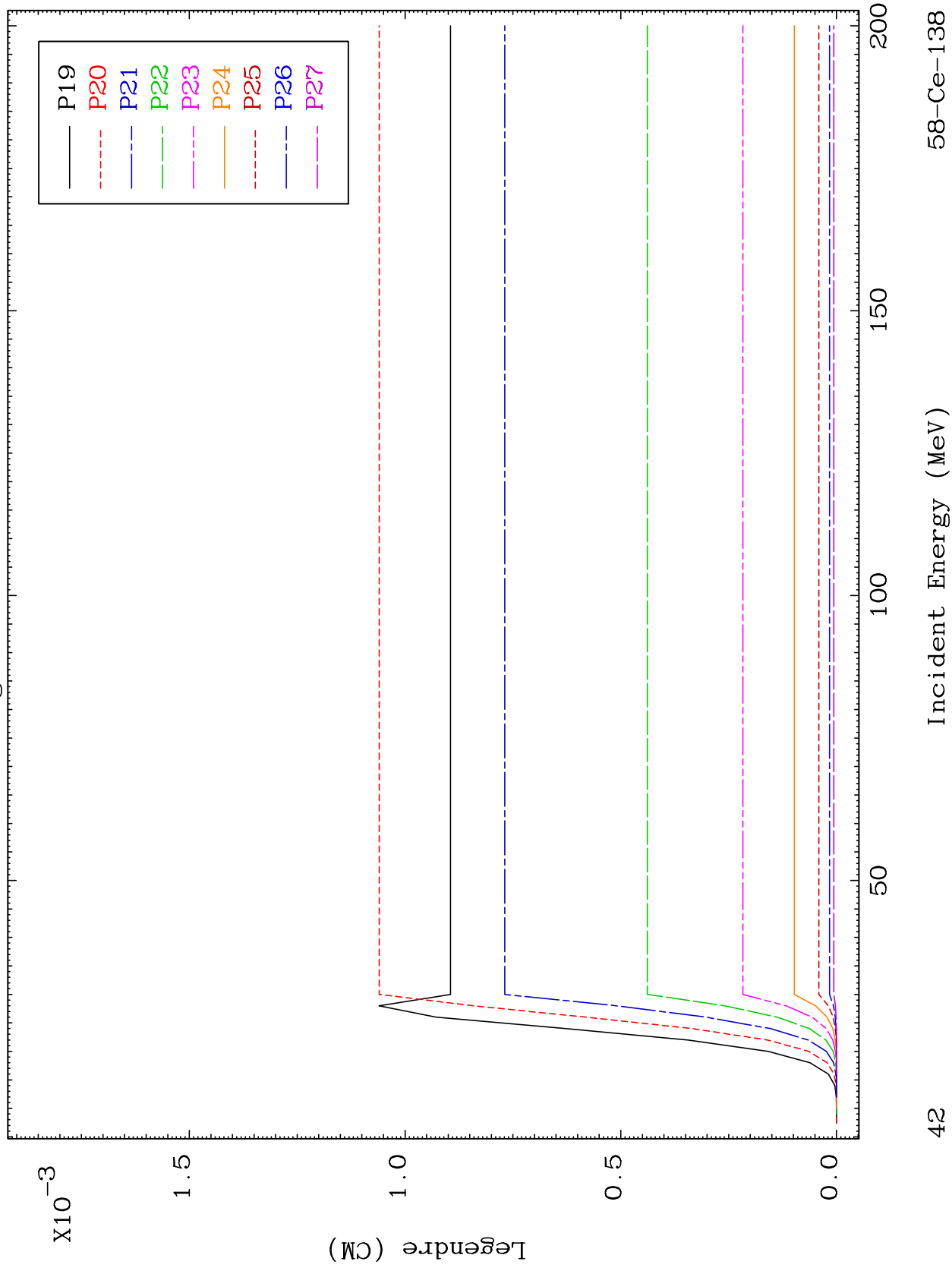
58-Ce-138



MAT 5831

MT= 56 (n, n') Level
Legendre Coefficients

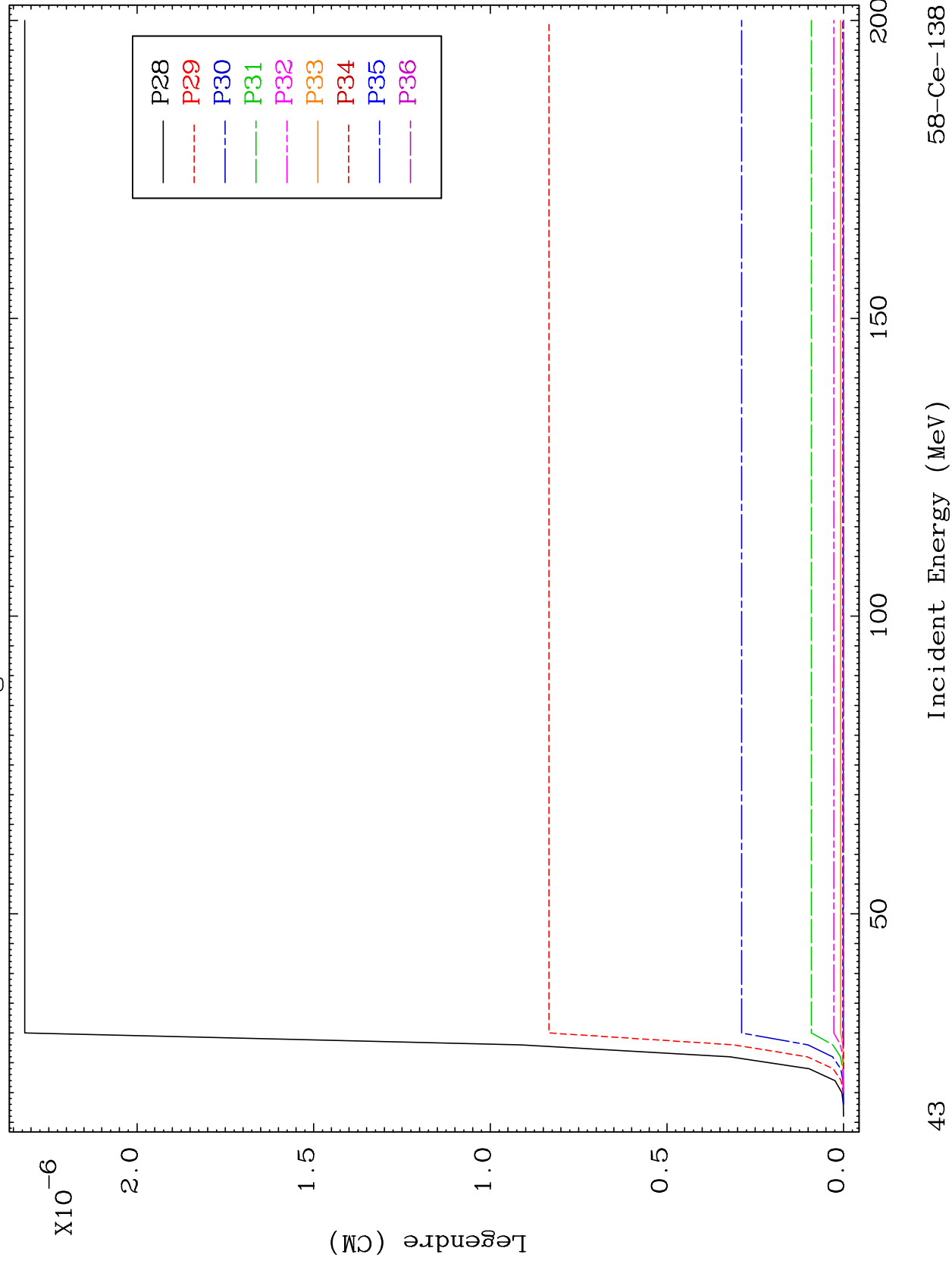
58-Ce-138



MAT 5831

MT= 56 (n, n') Level
Legendre Coefficients

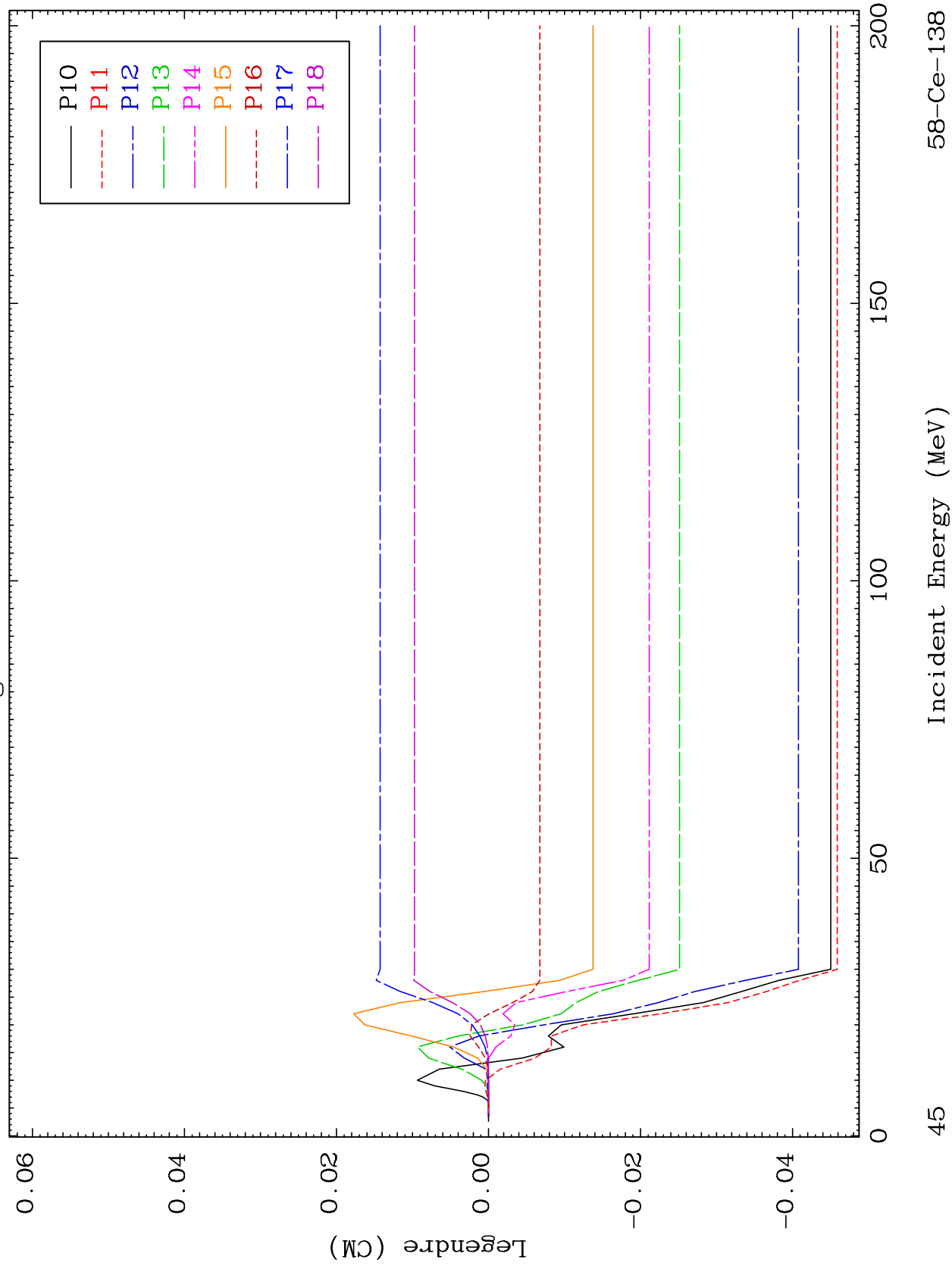
58-Ce-138



MAT 5831

MT= 57 (n, n') Level
Legendre Coefficients

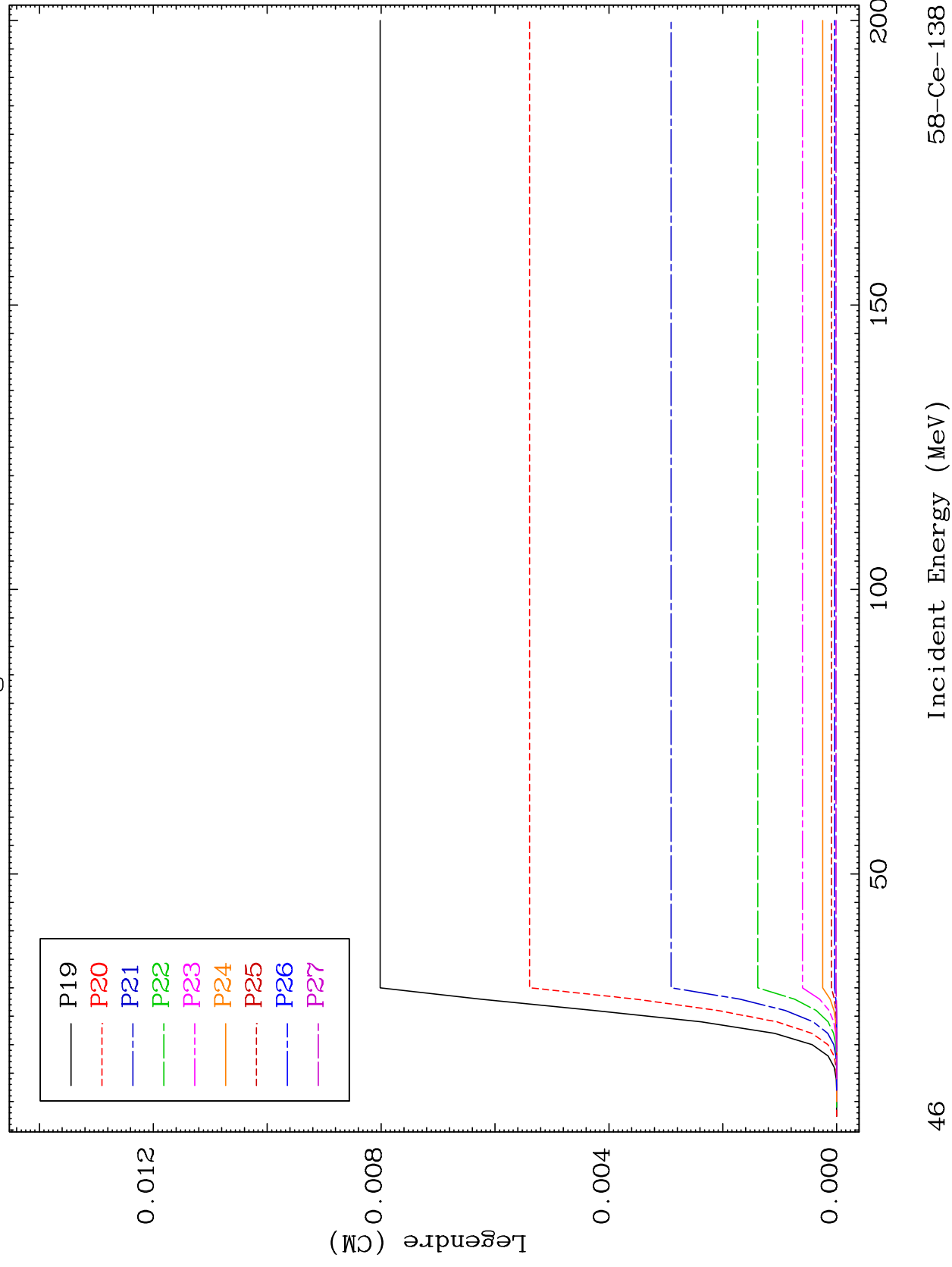
58-Ce-138

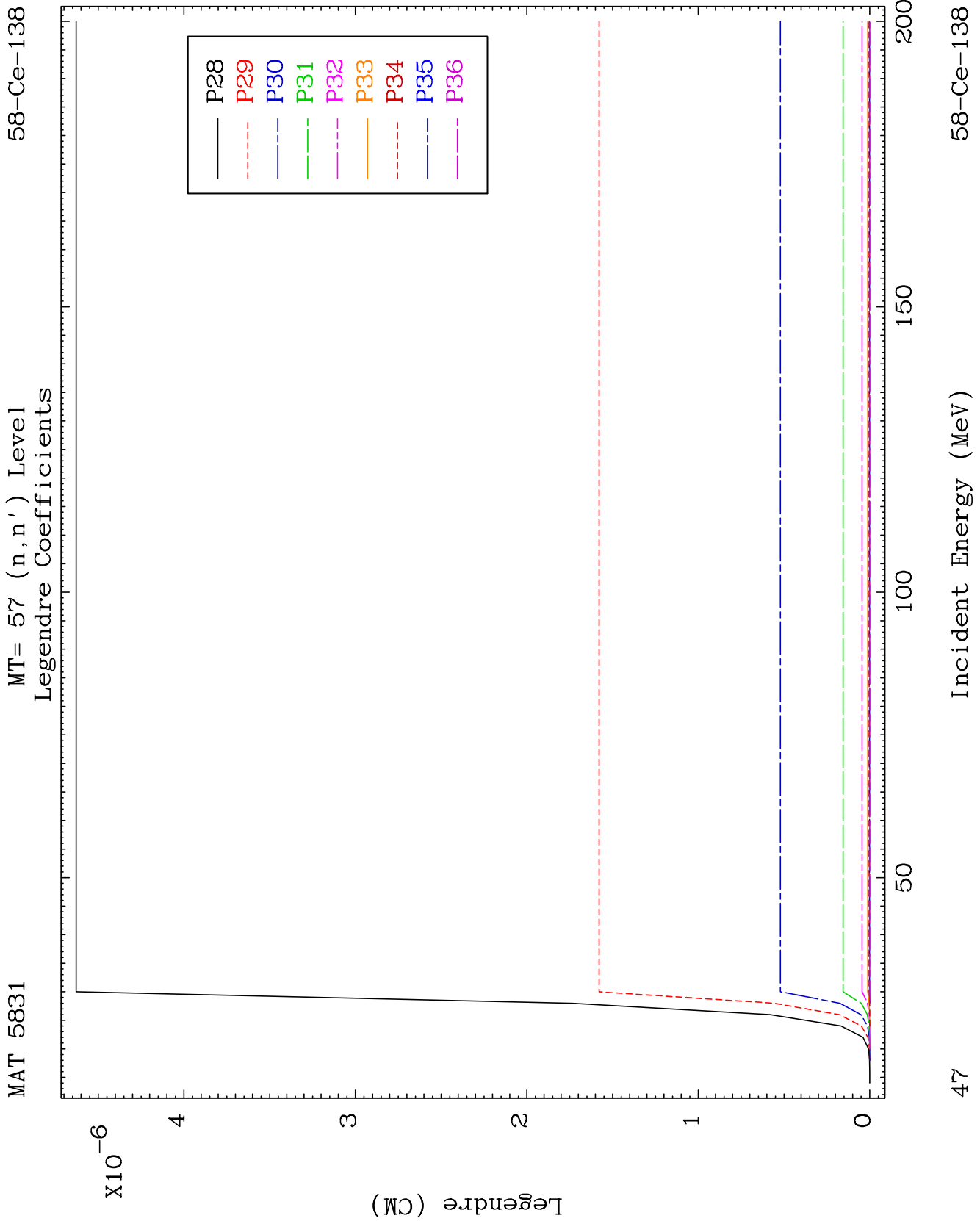


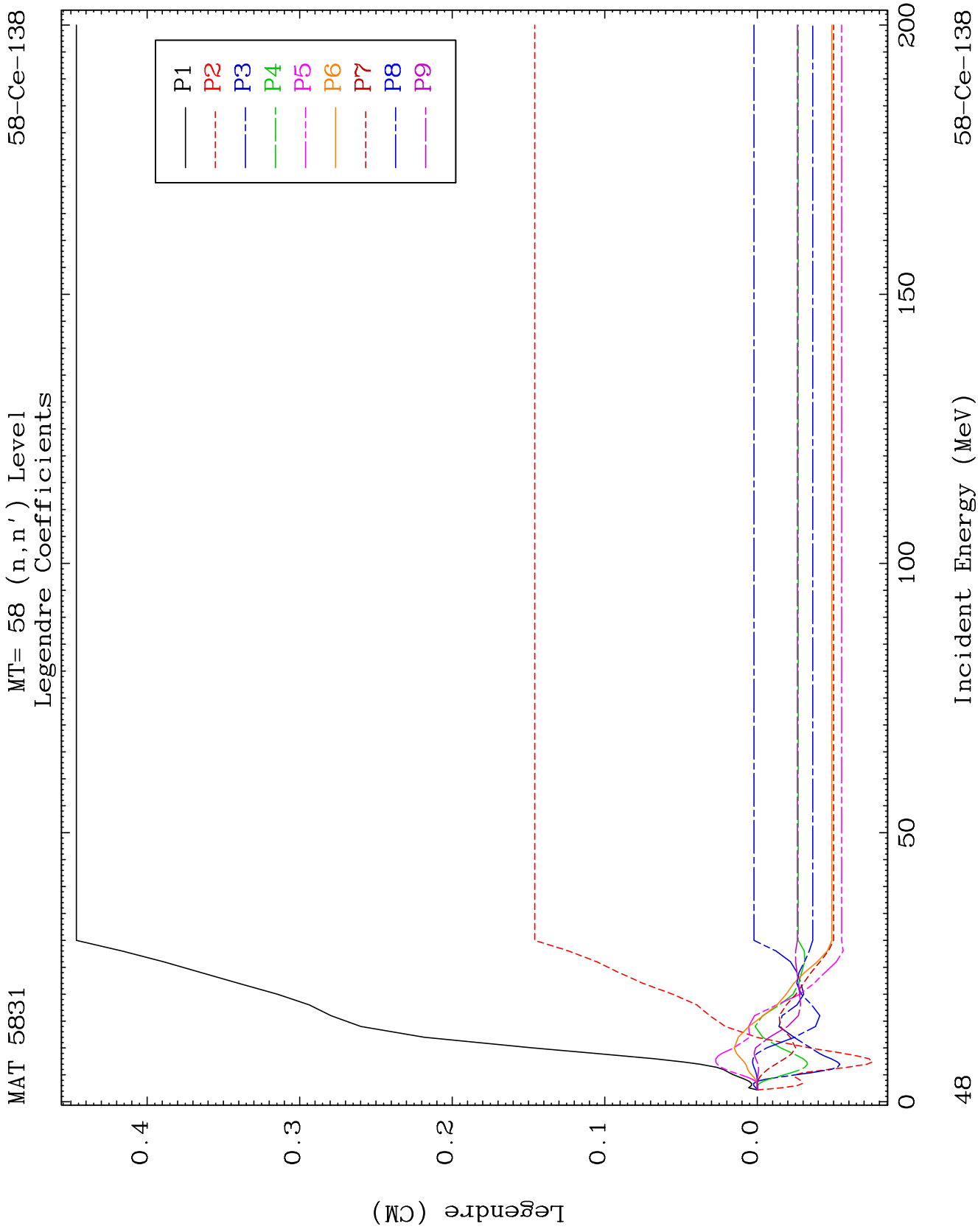
MAT 5831

MT= 57 (n, n') Level
Legendre Coefficients

58-Ce-138



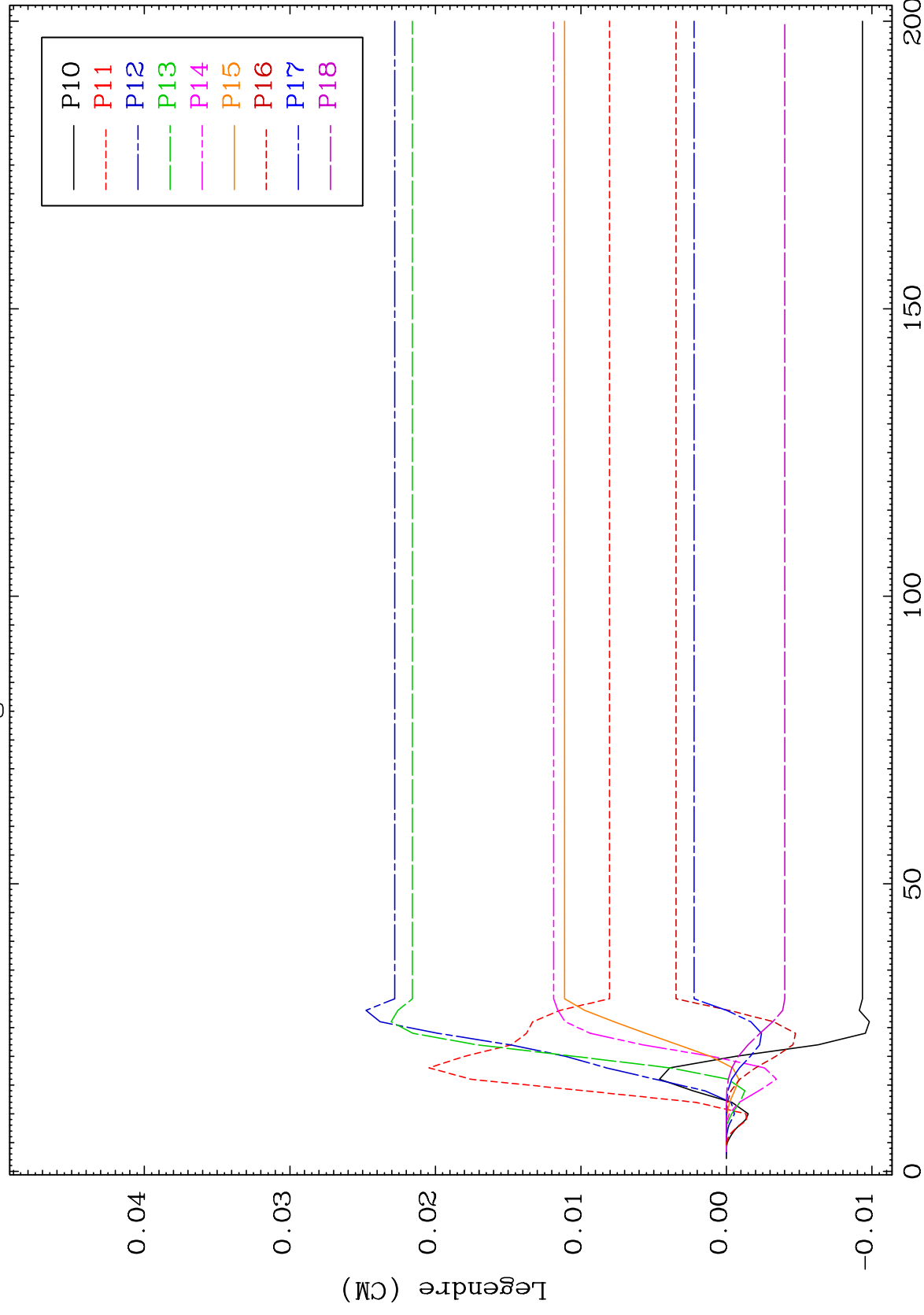




MAT 5831

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

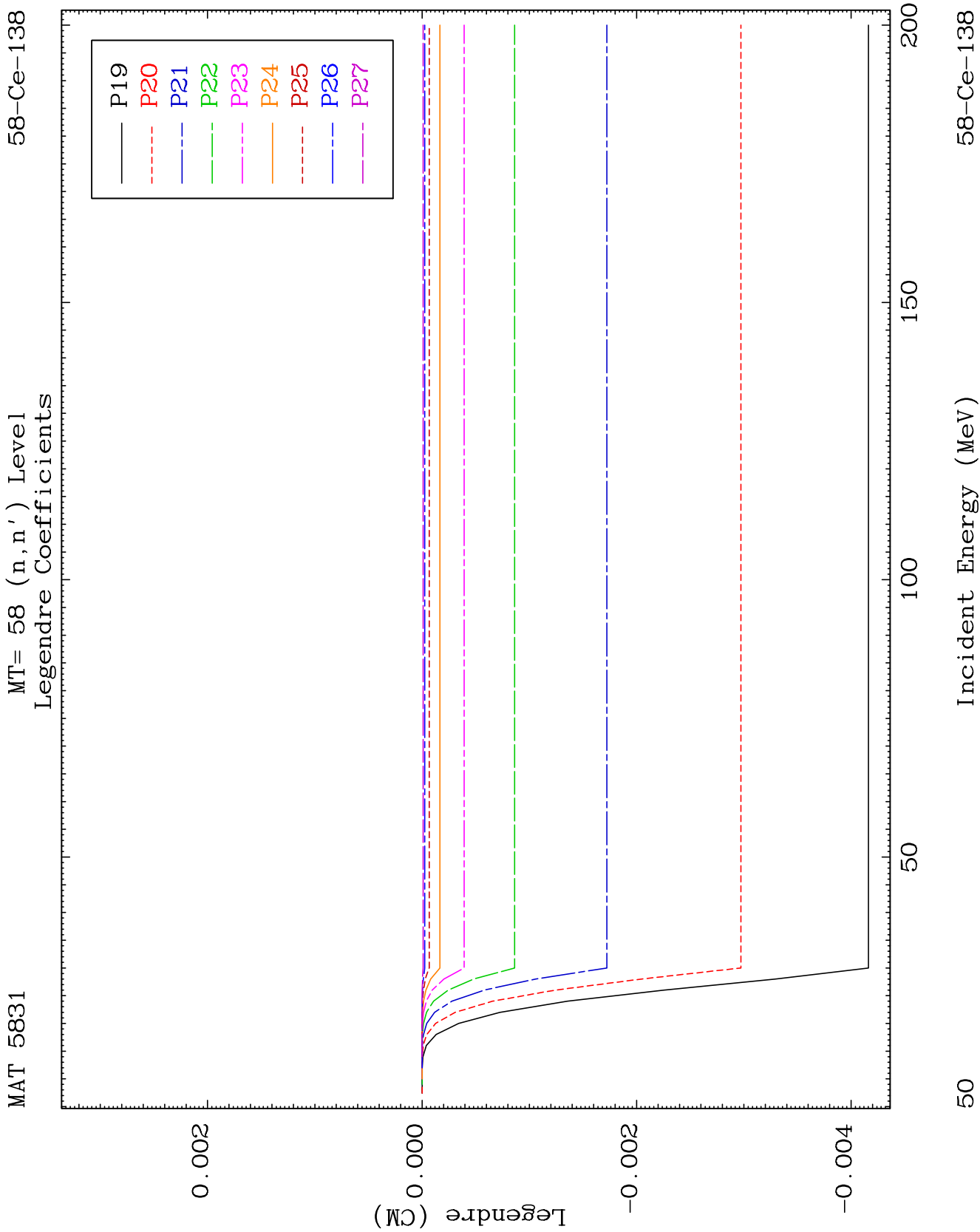
58-Ce-138

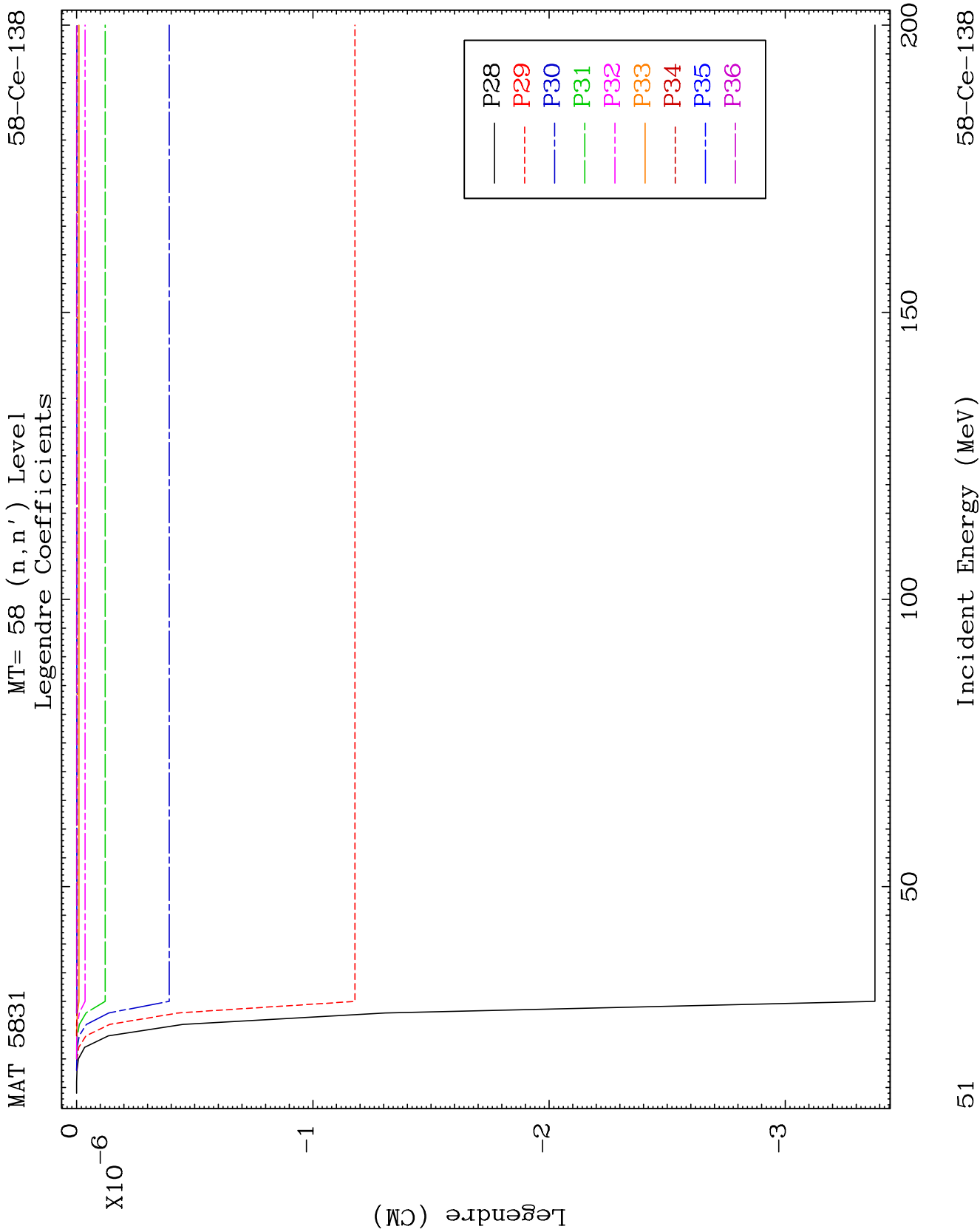


49

Incident Energy (MeV)

58-Ce-138

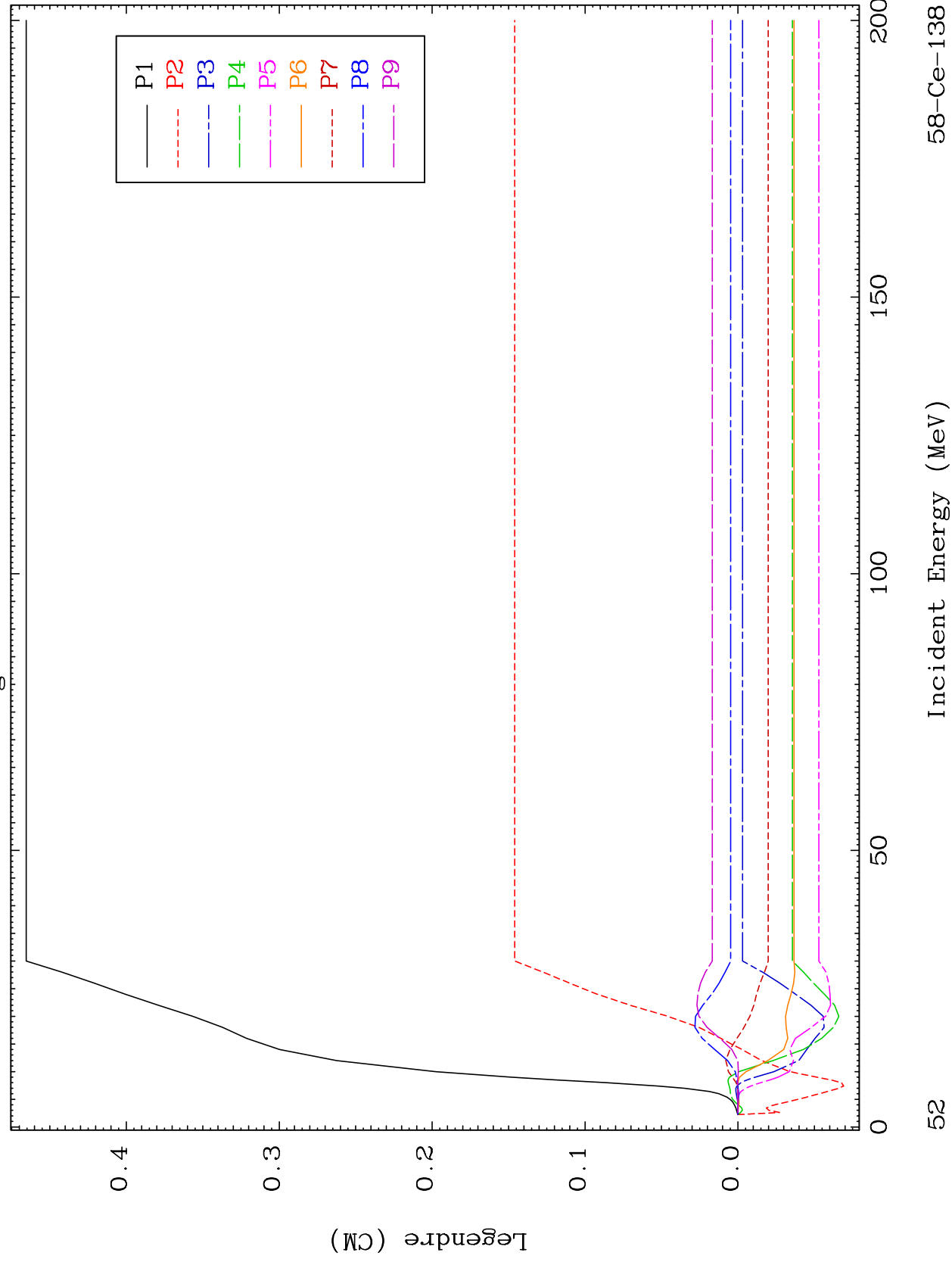




MAT 5831

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

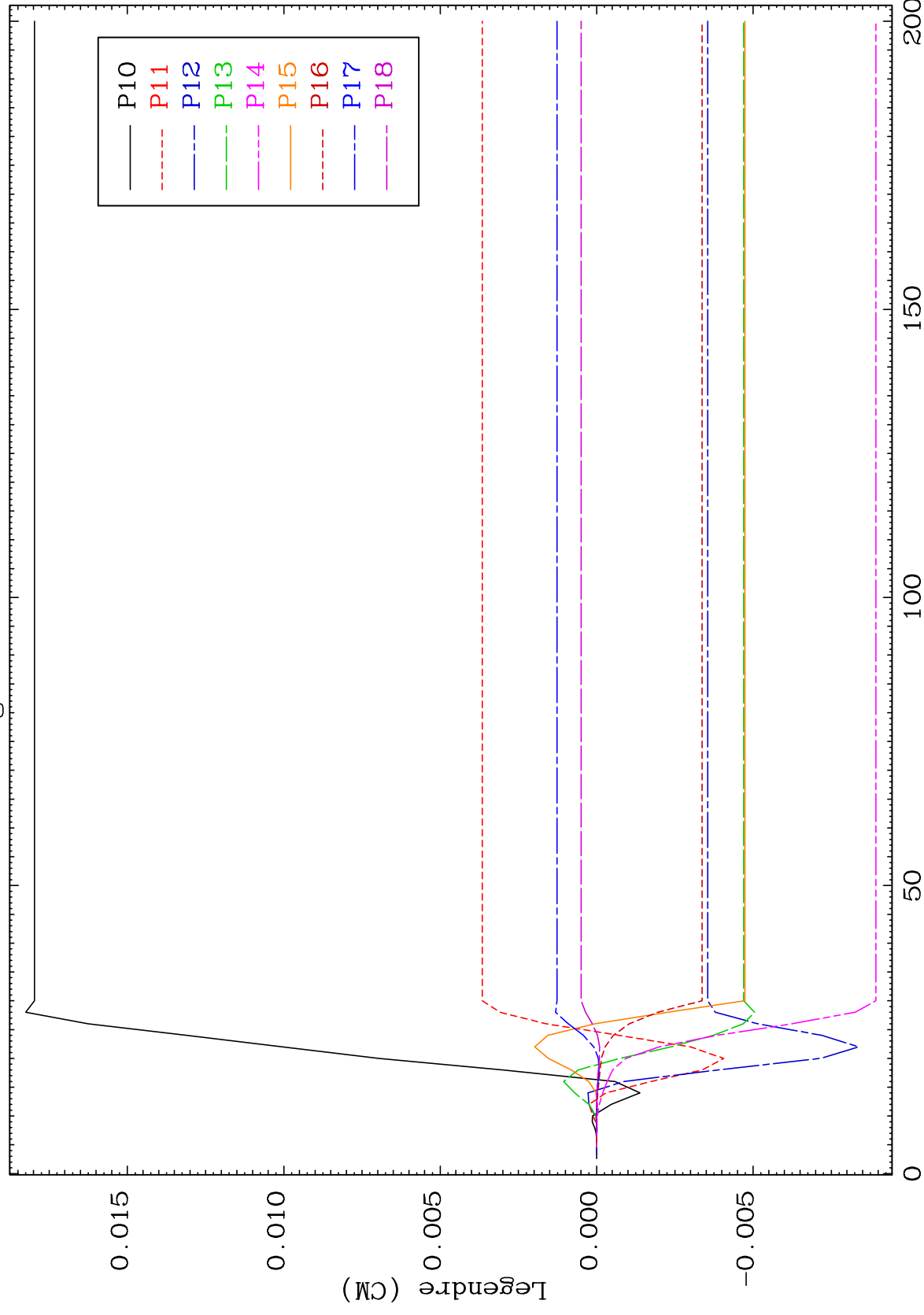
58-Ce-138



MAT 5831

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

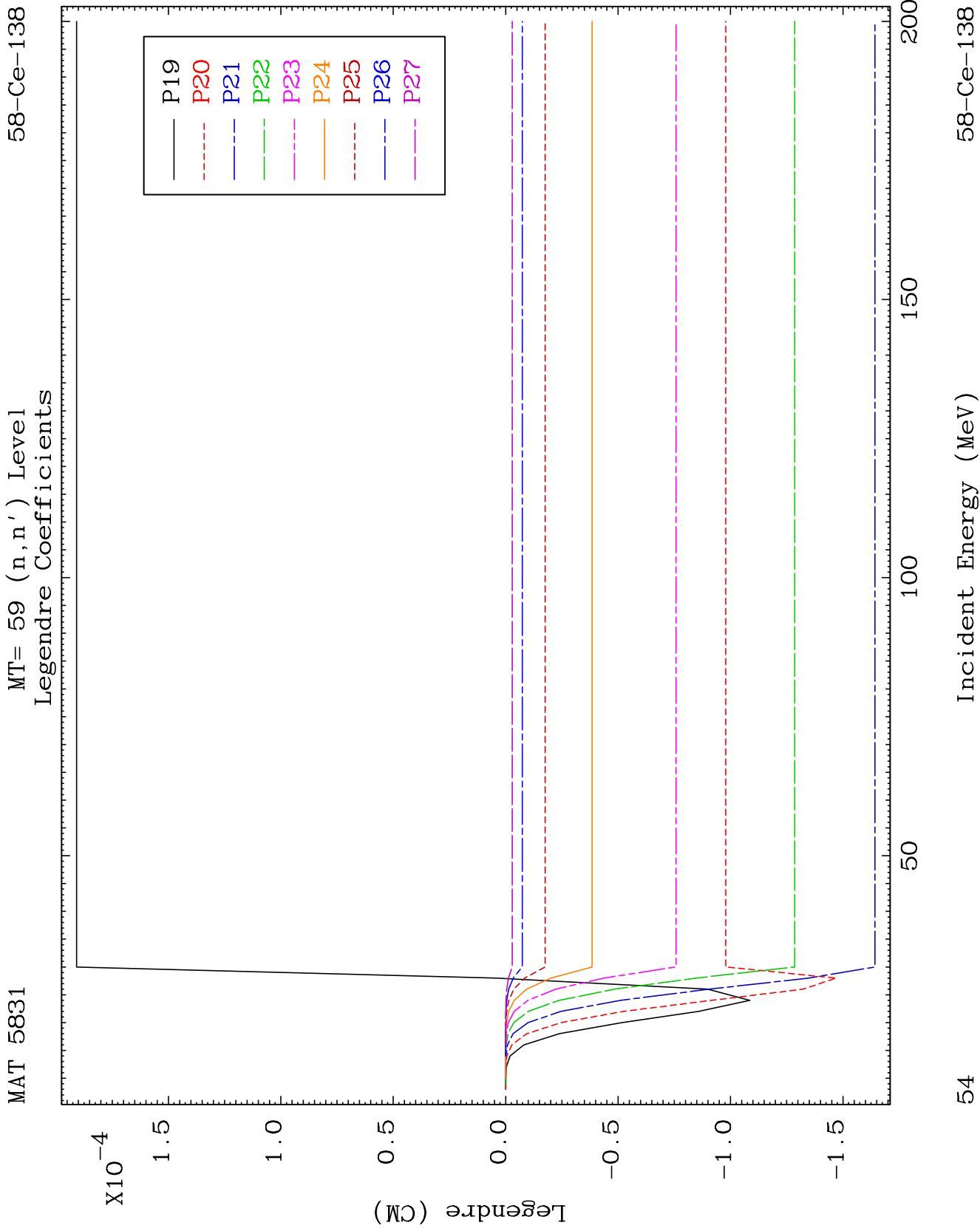
58-Ce-138

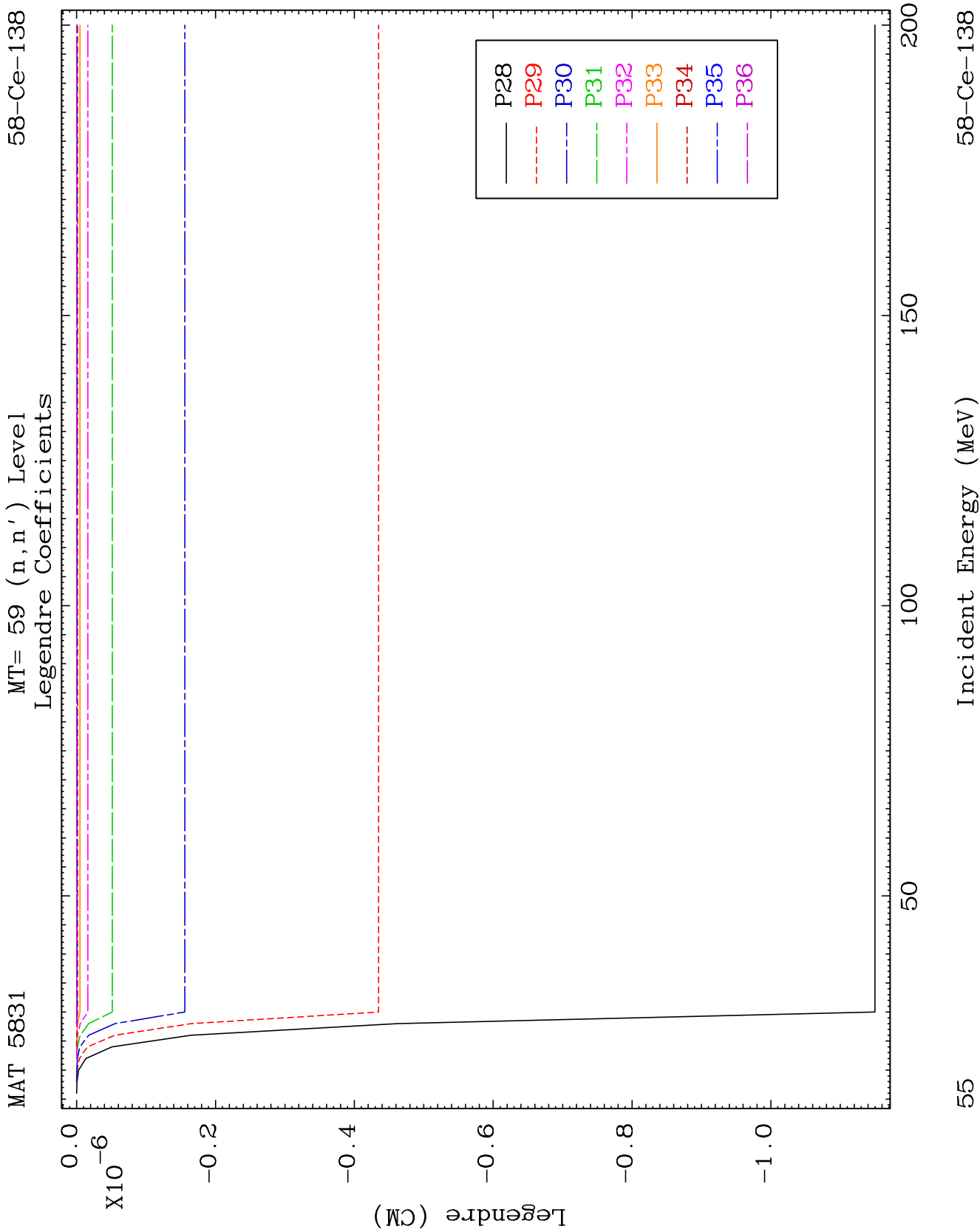


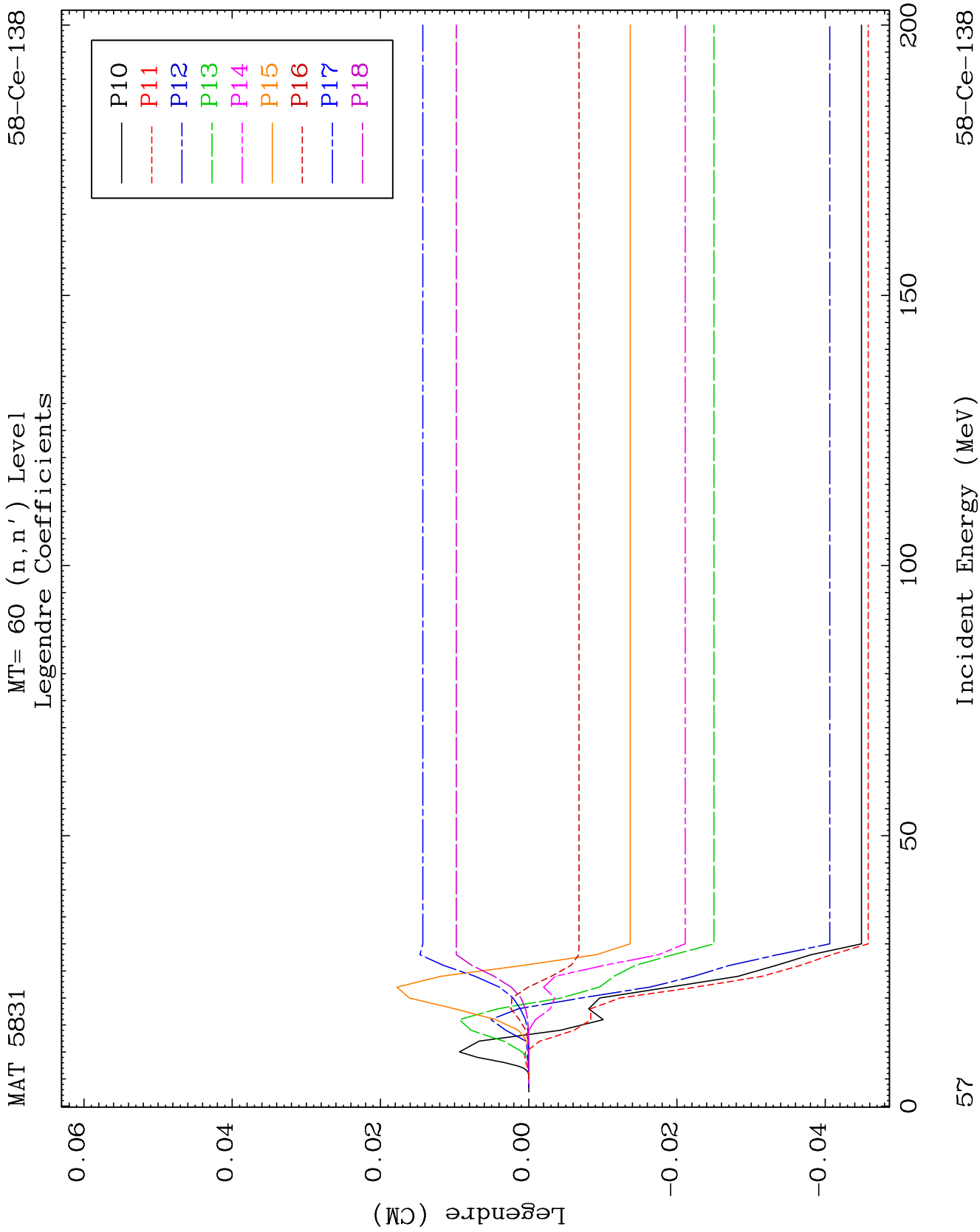
53

Incident Energy (MeV)

58-Ce-138



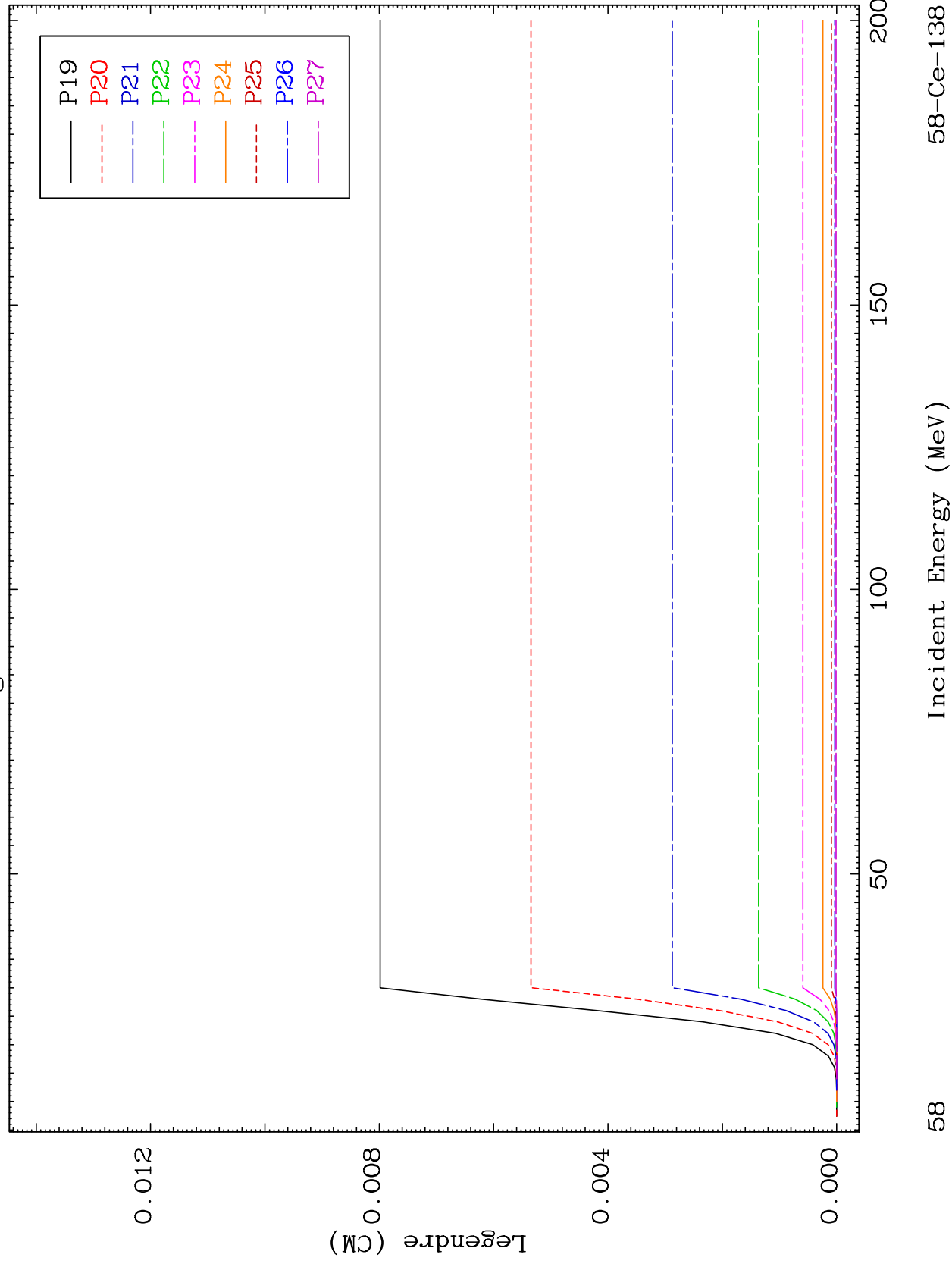


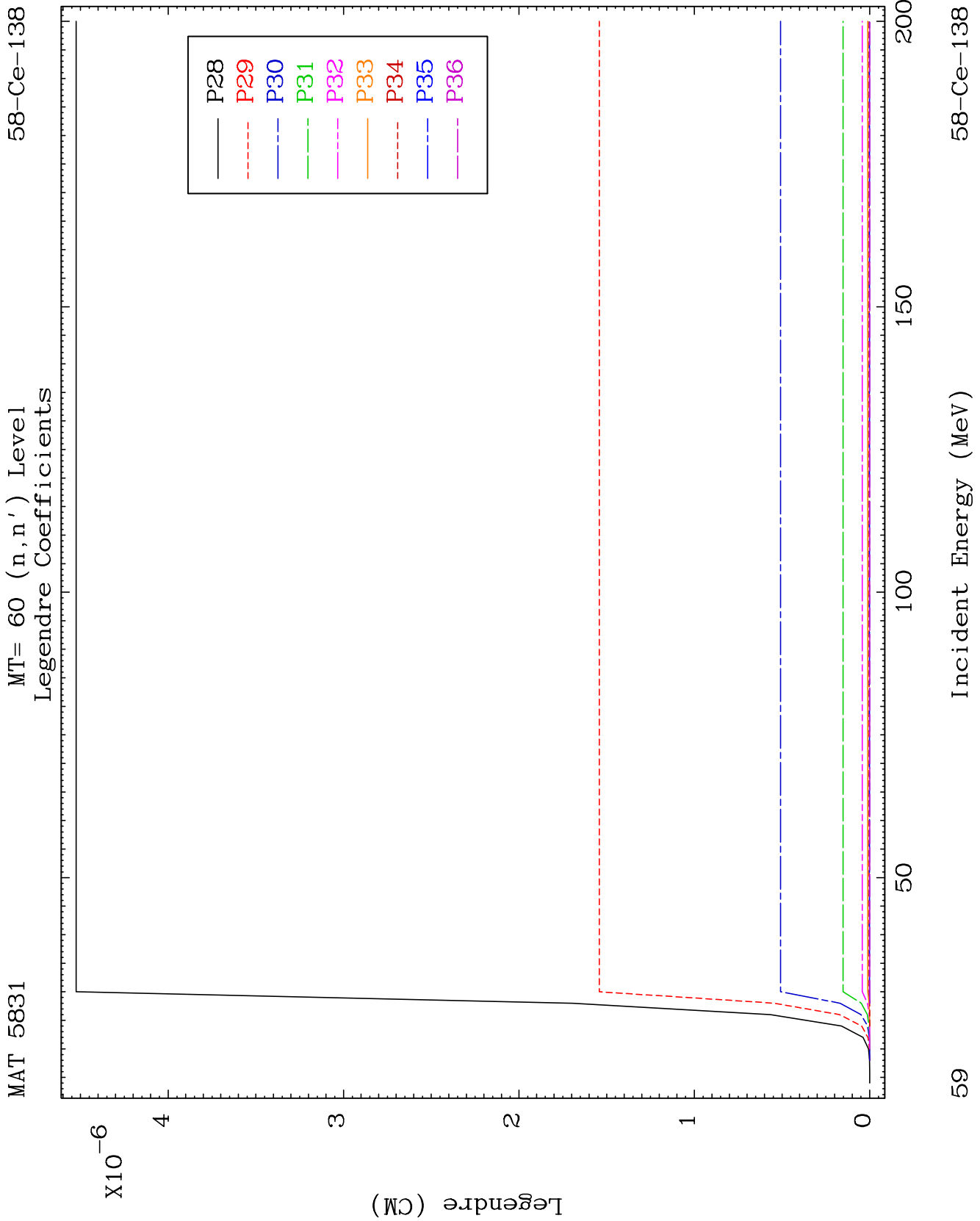


MAT 5831

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

58-Ce-138

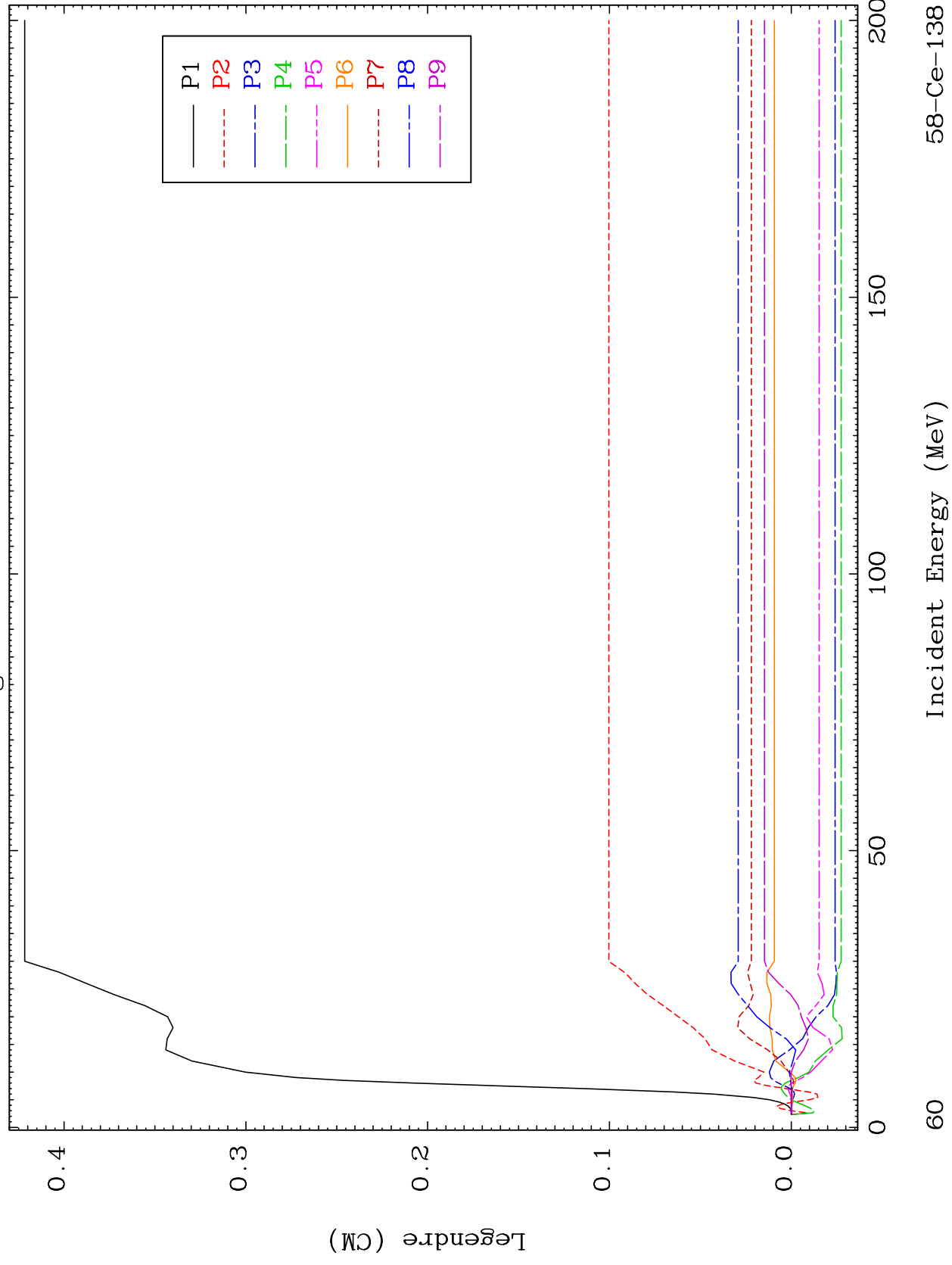


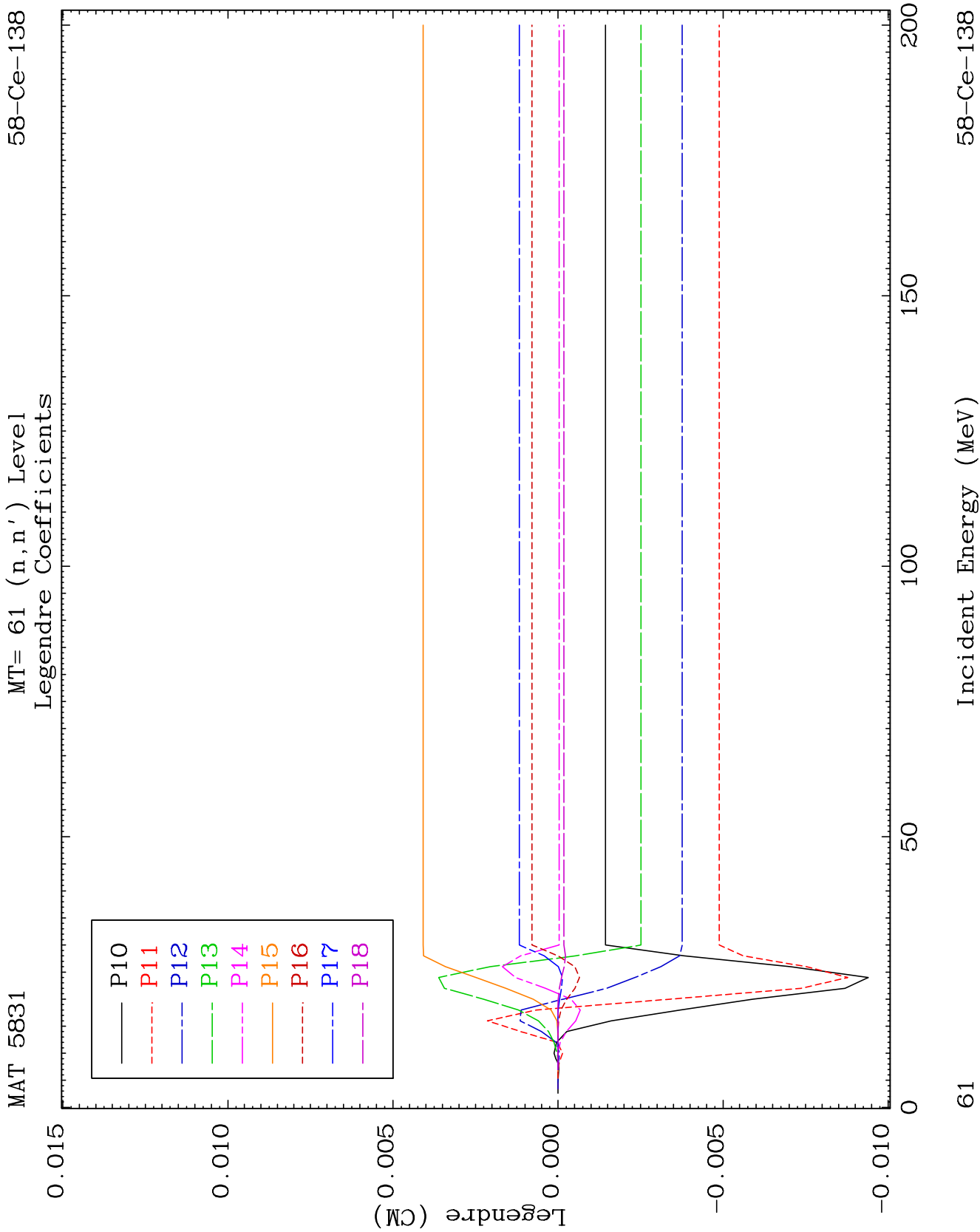


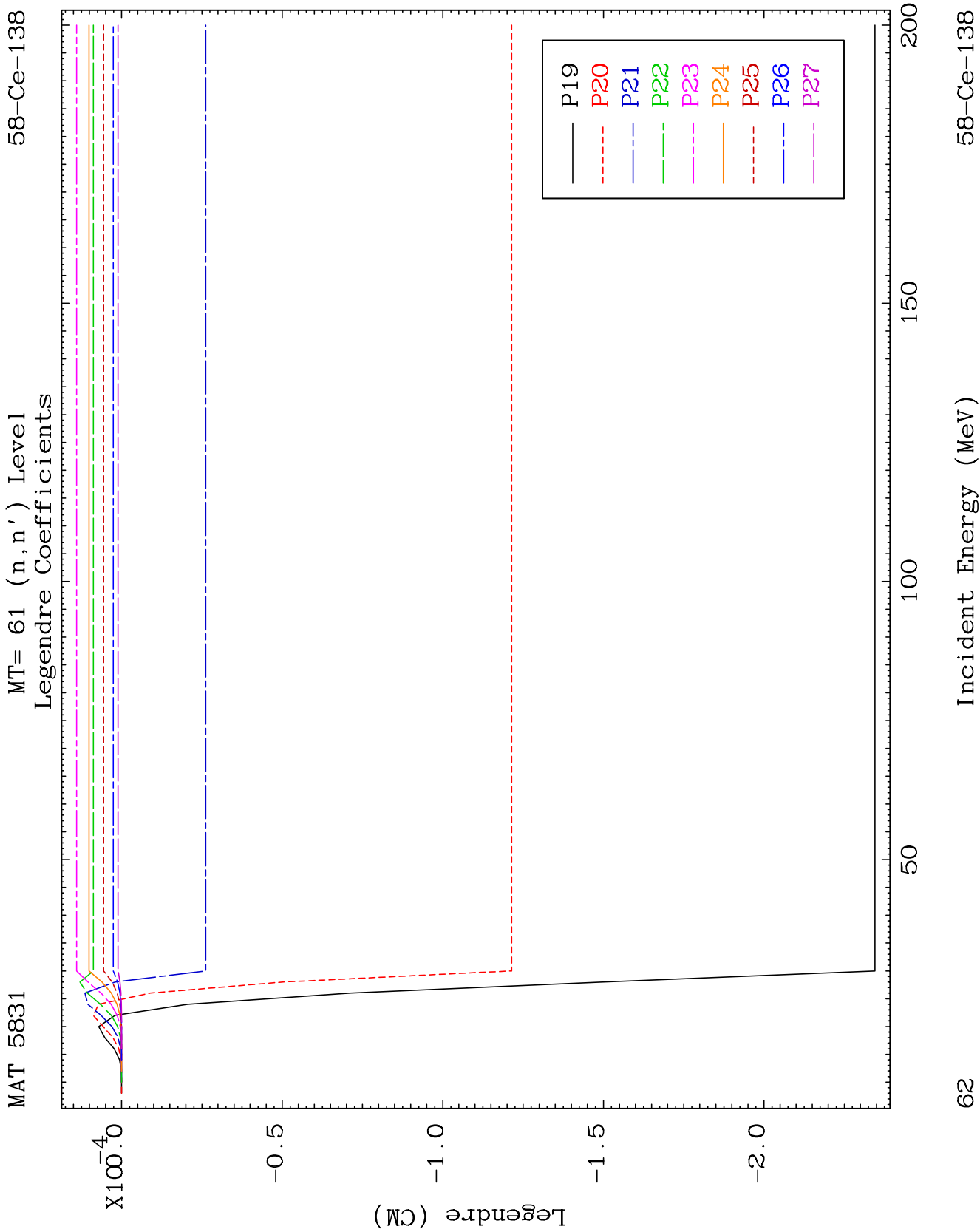
MAT 5831

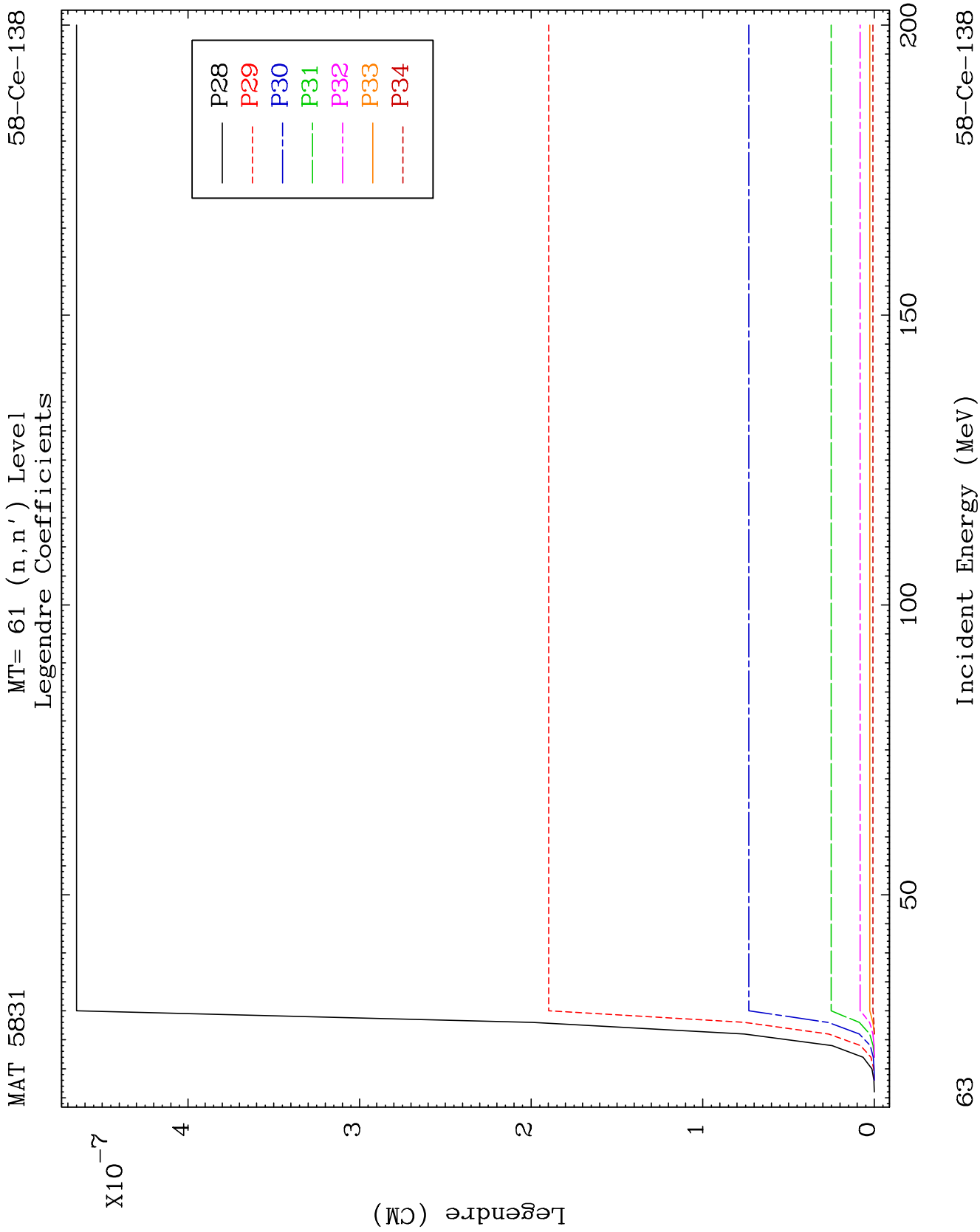
MT= 61 (n, n') Level
Legendre Coefficients

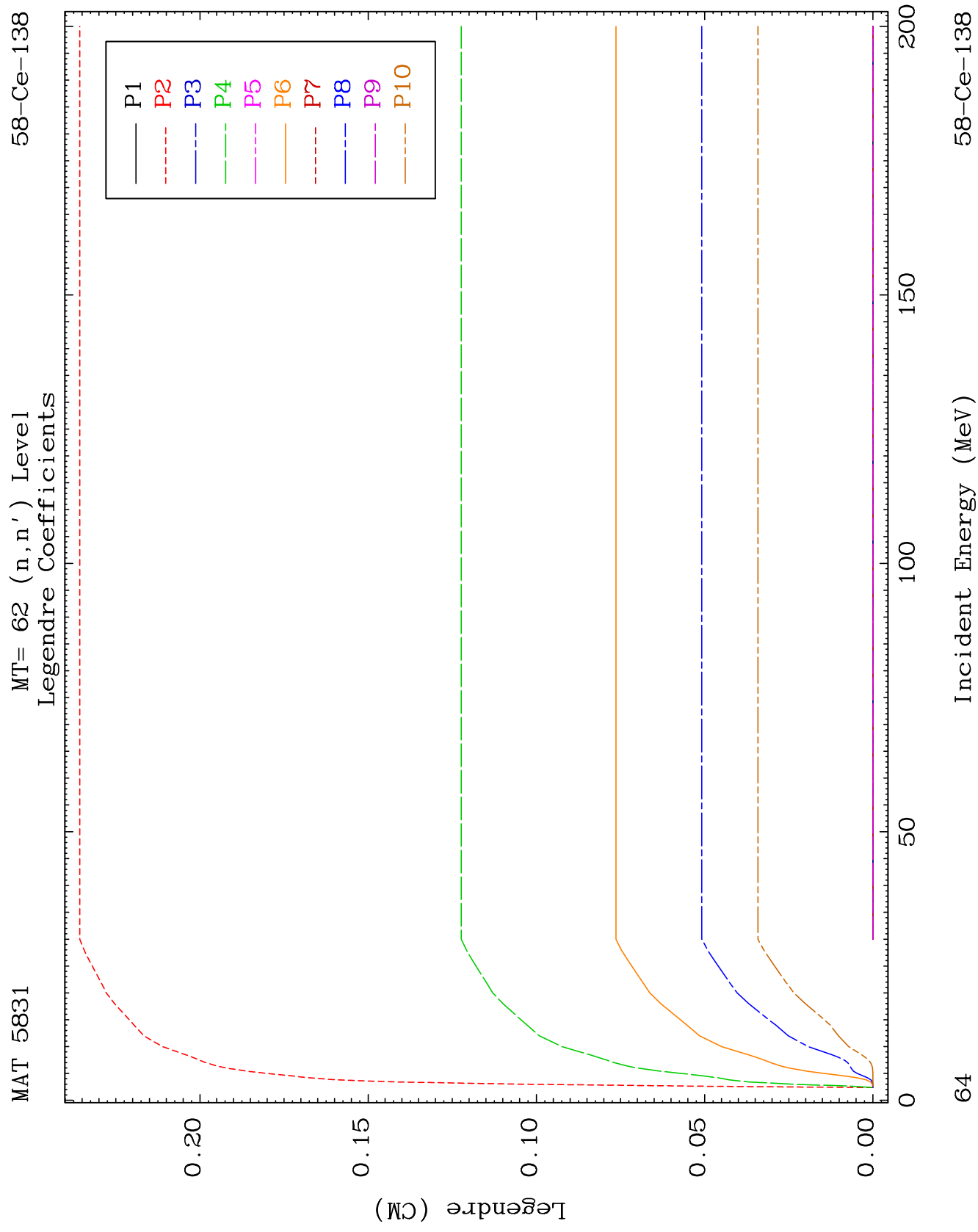
58-Ce-138







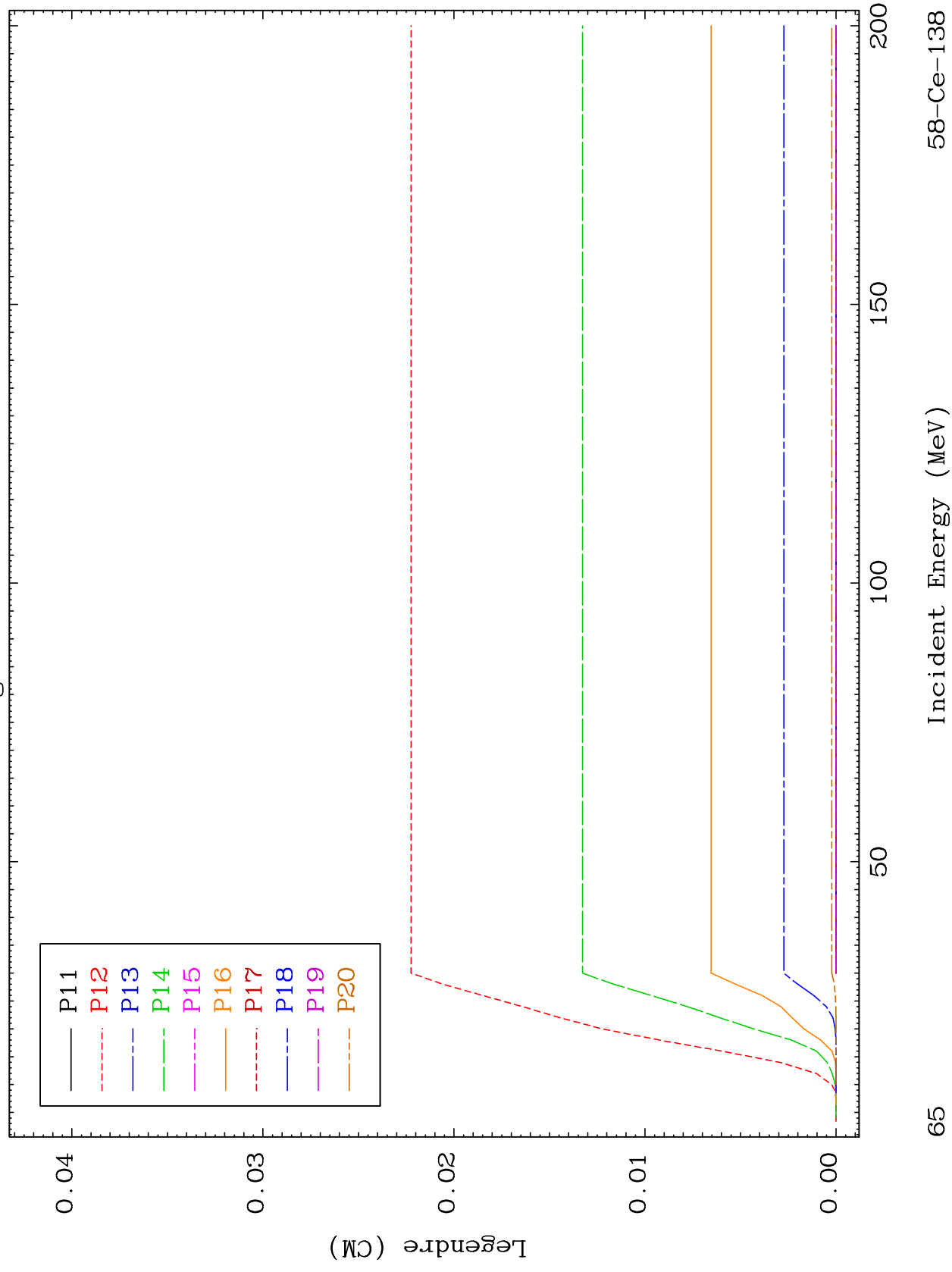


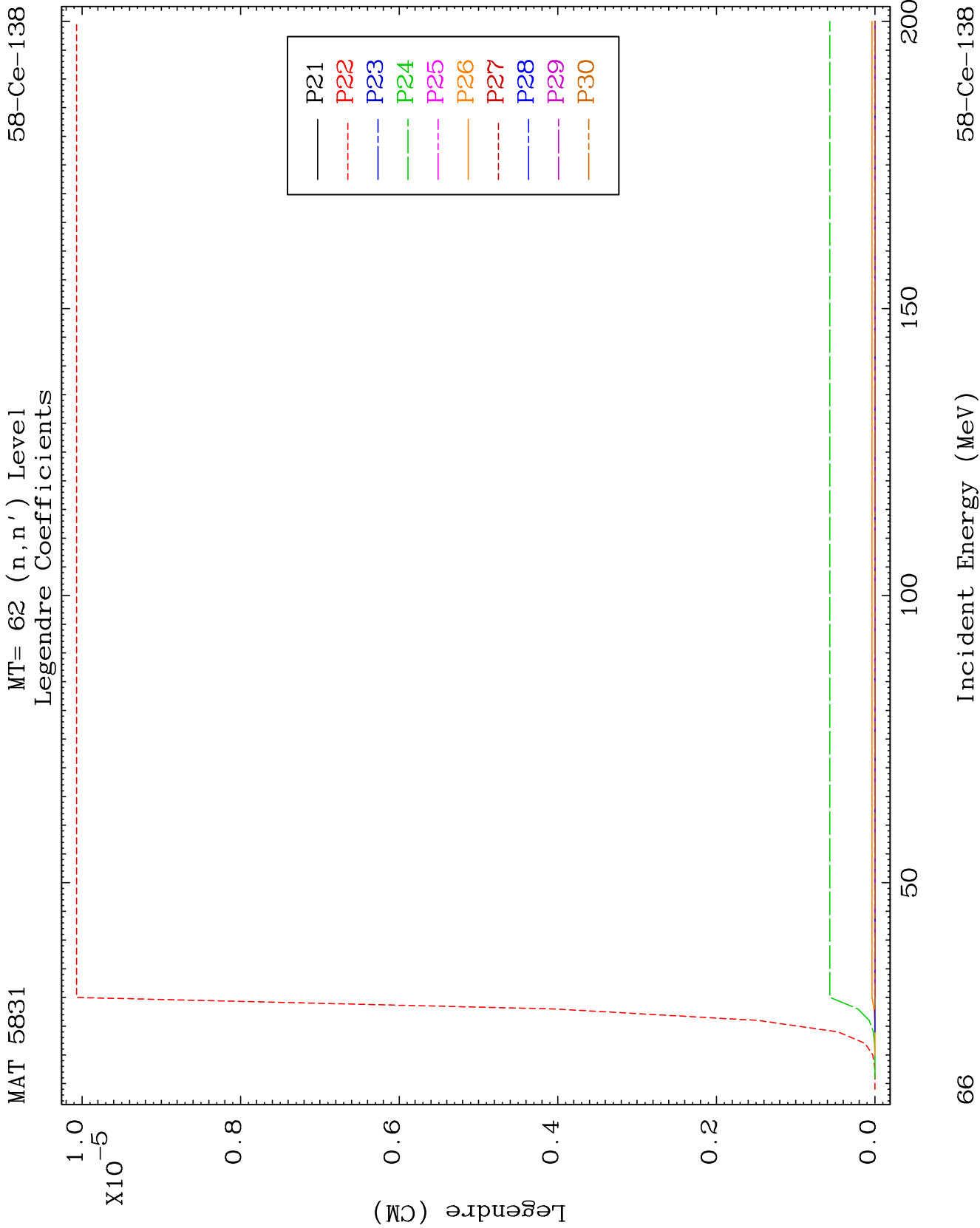


MAT 5831

MT= 62 (n, n') Level
Legendre Coefficients

58-Ce-138

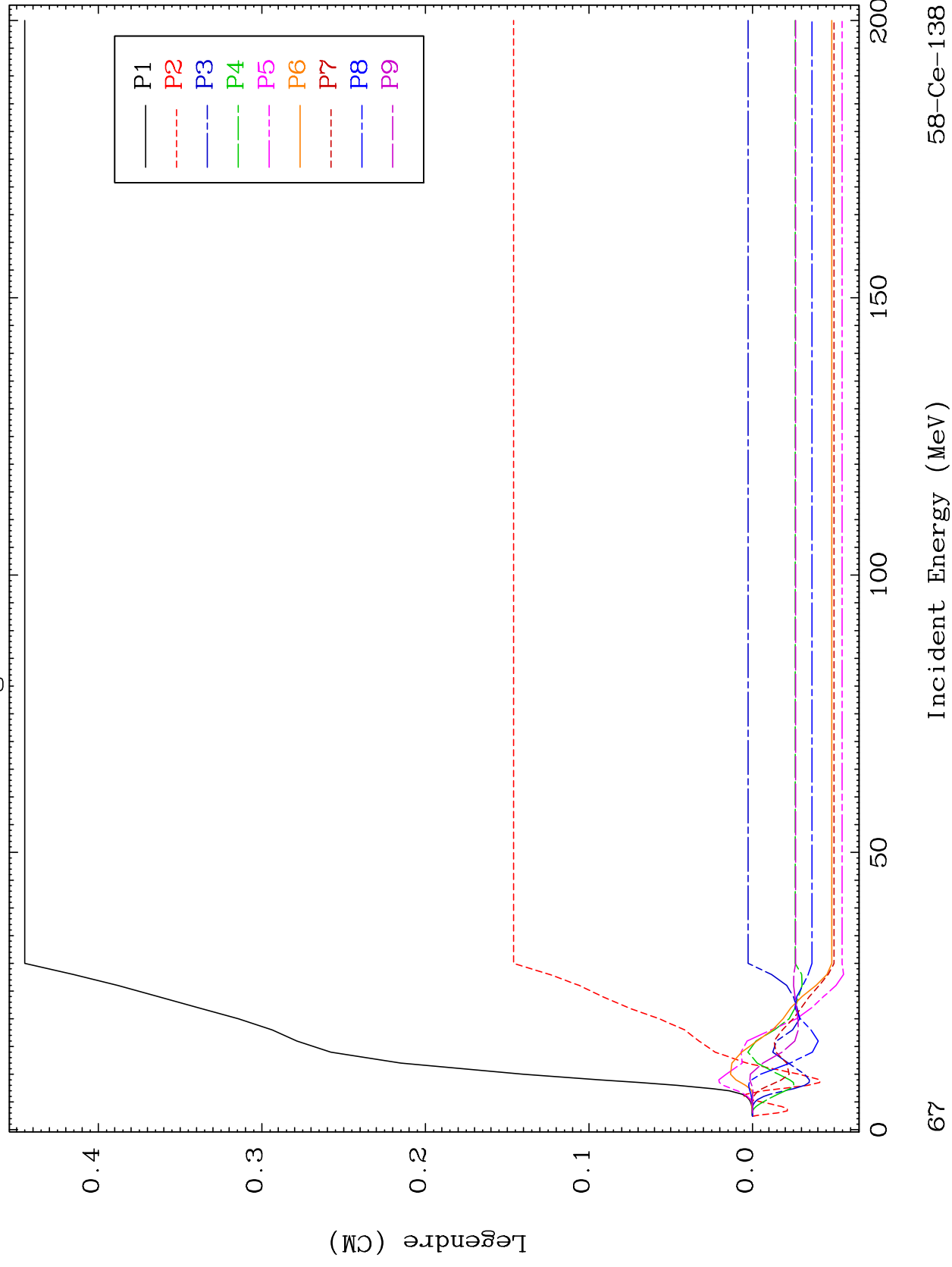




MAT 5831

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

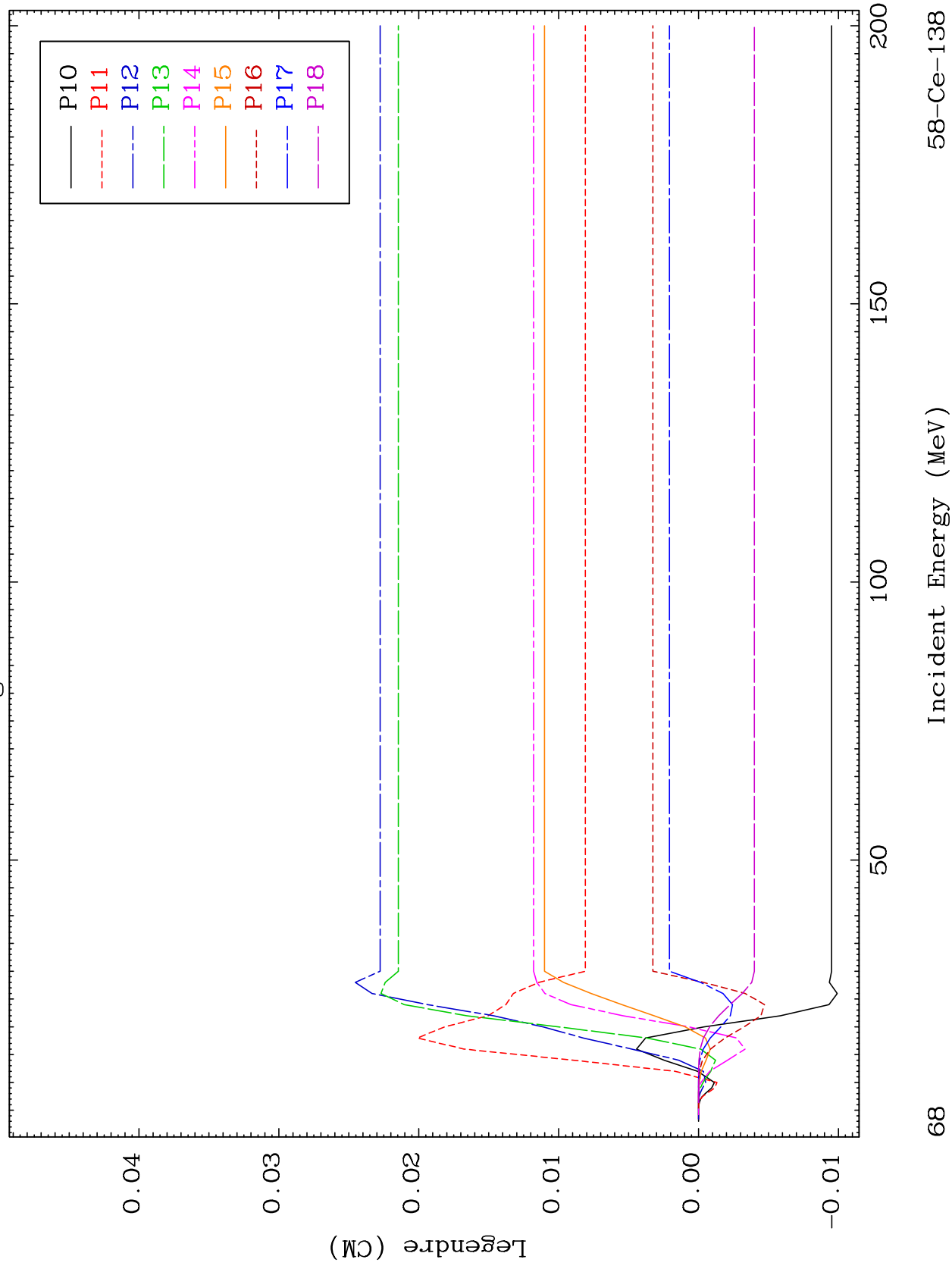
58-Ce-138

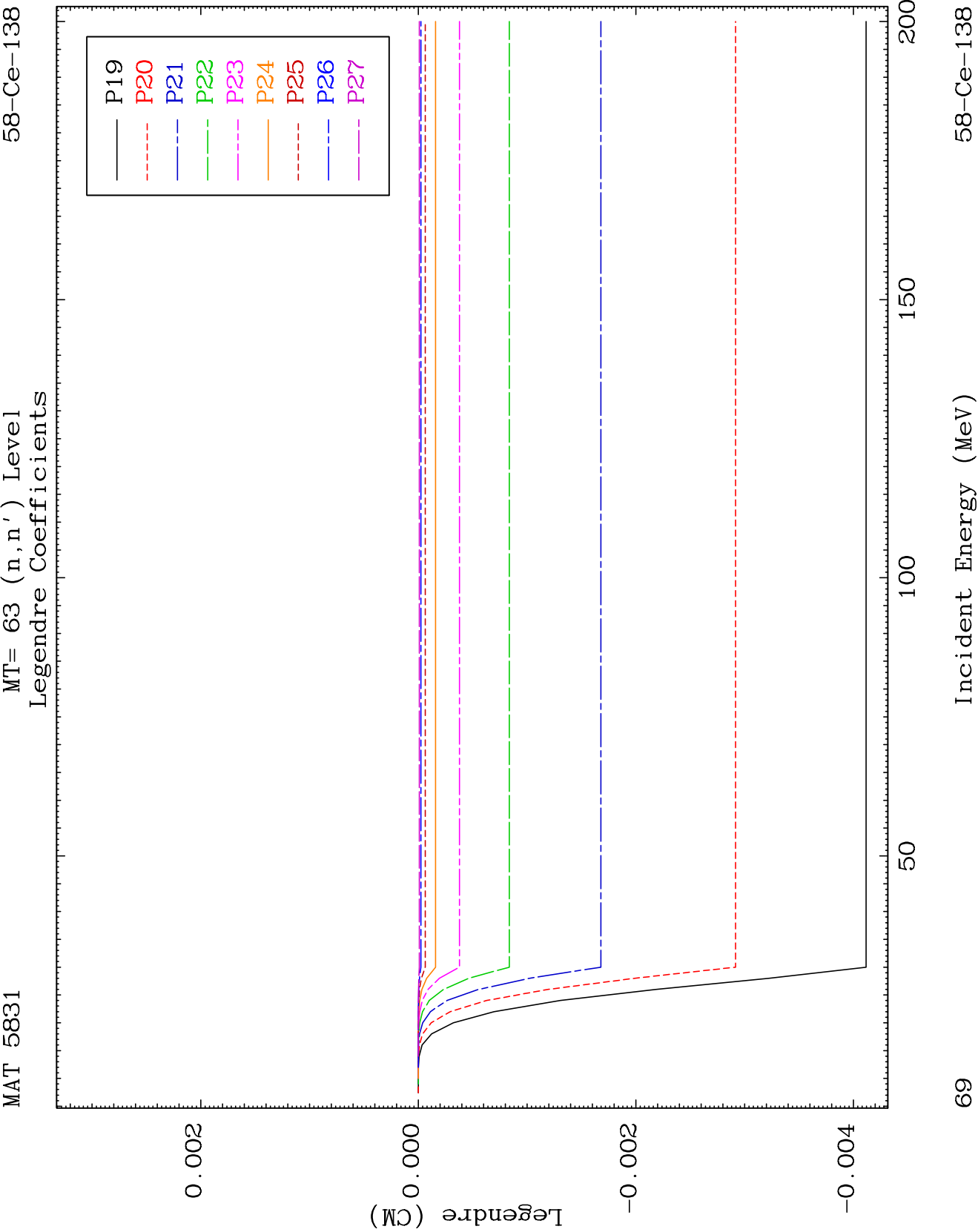


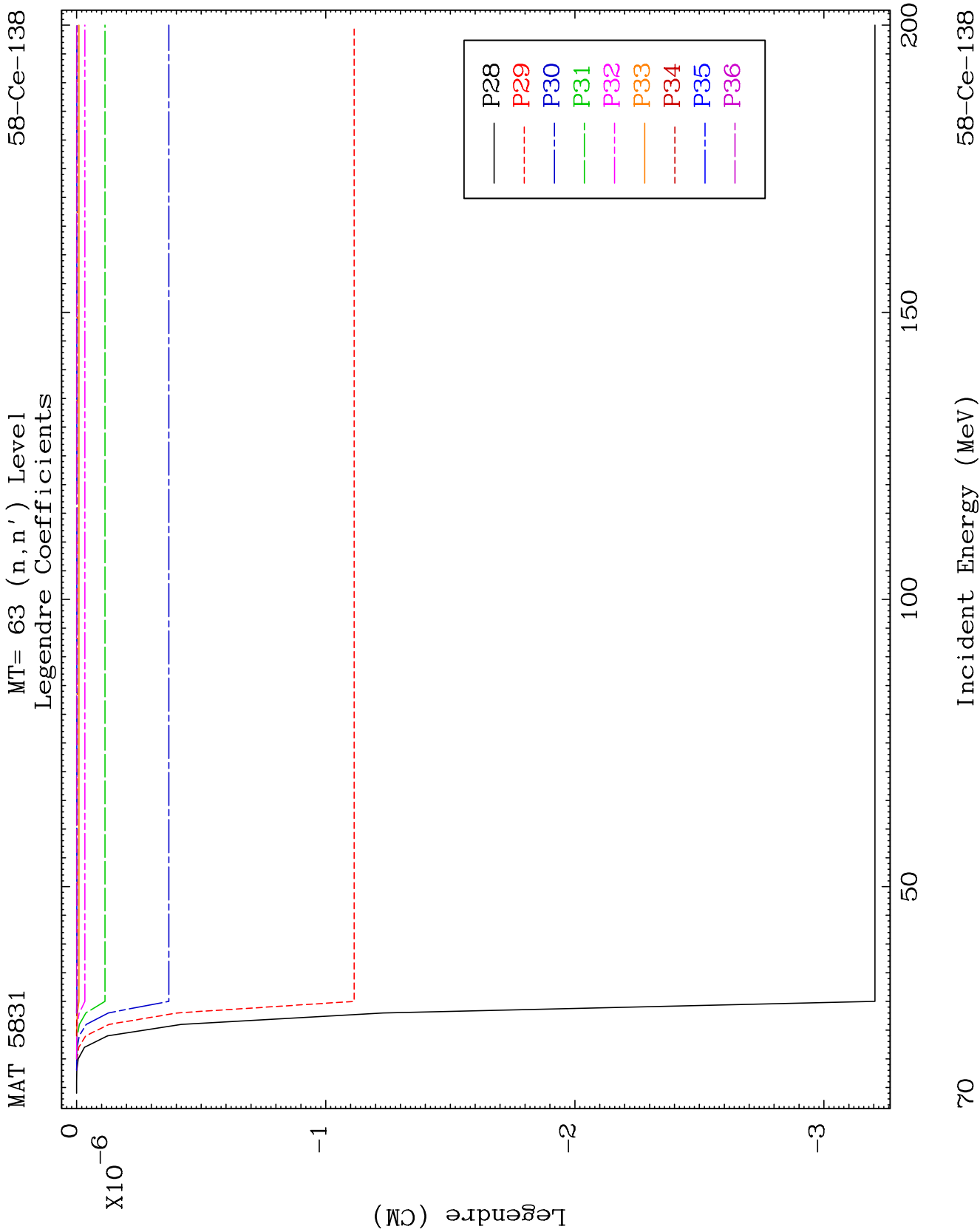
MAT 5831

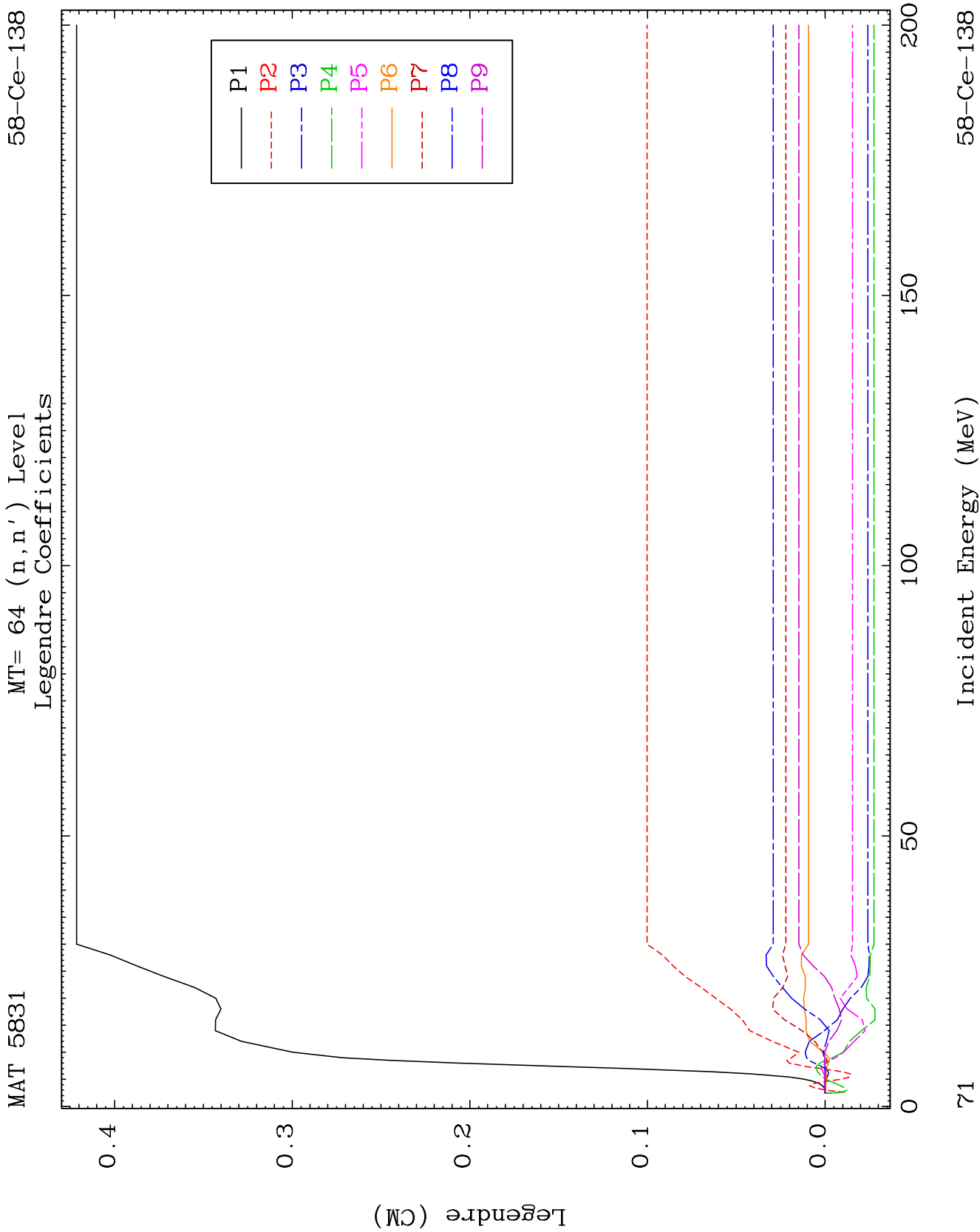
MT= 63 (n, n') Level
Legendre Coefficients

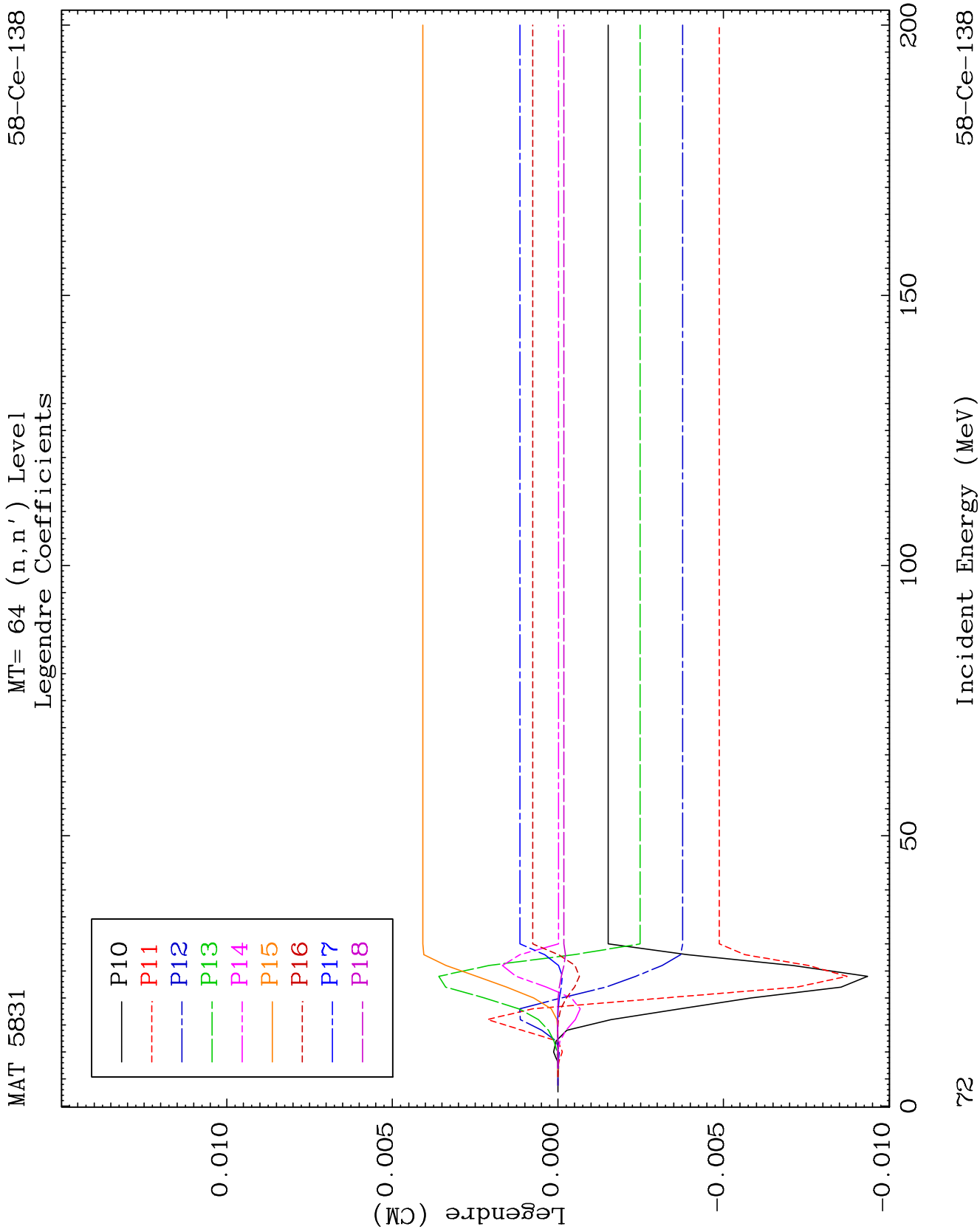
58-Ce-138

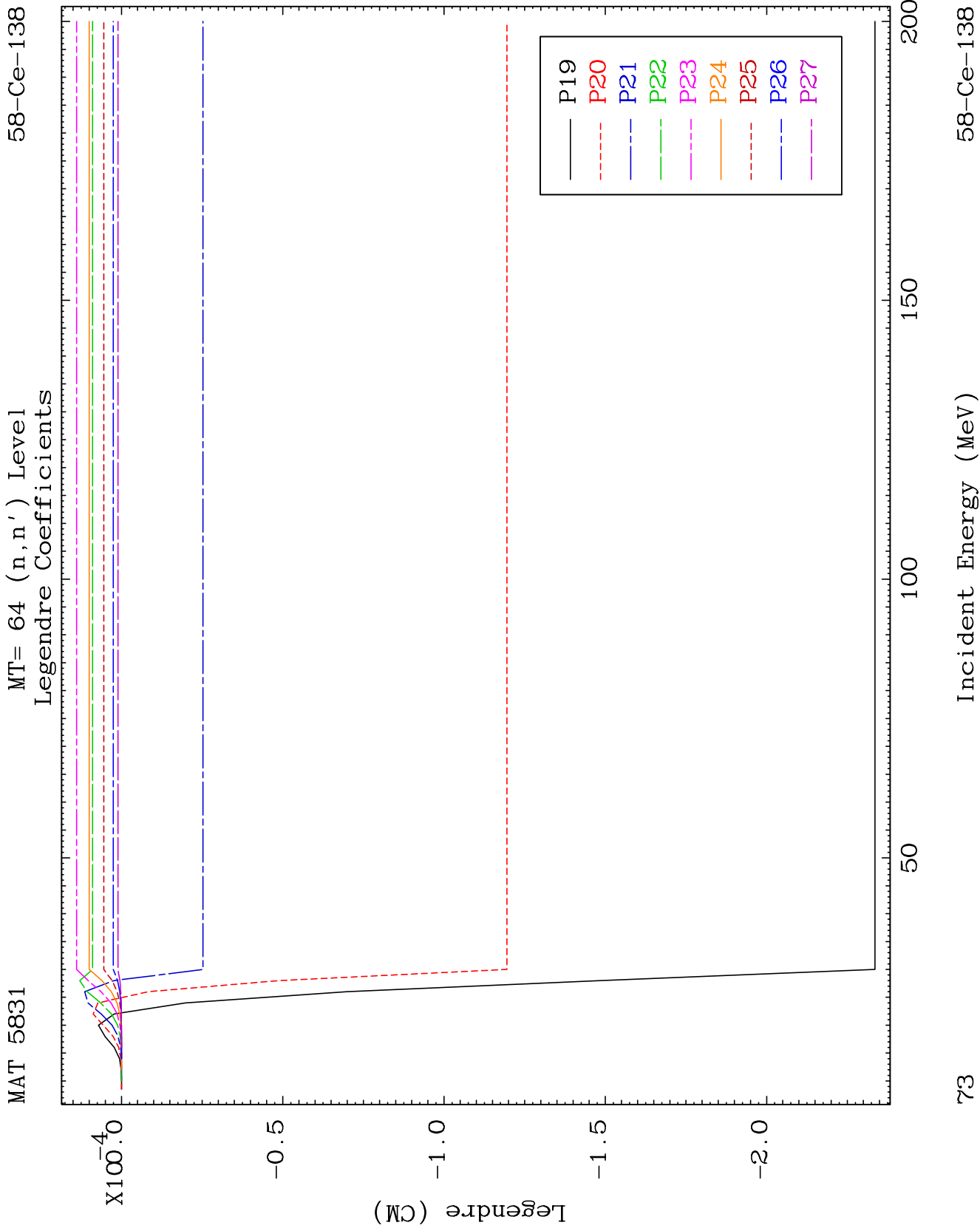


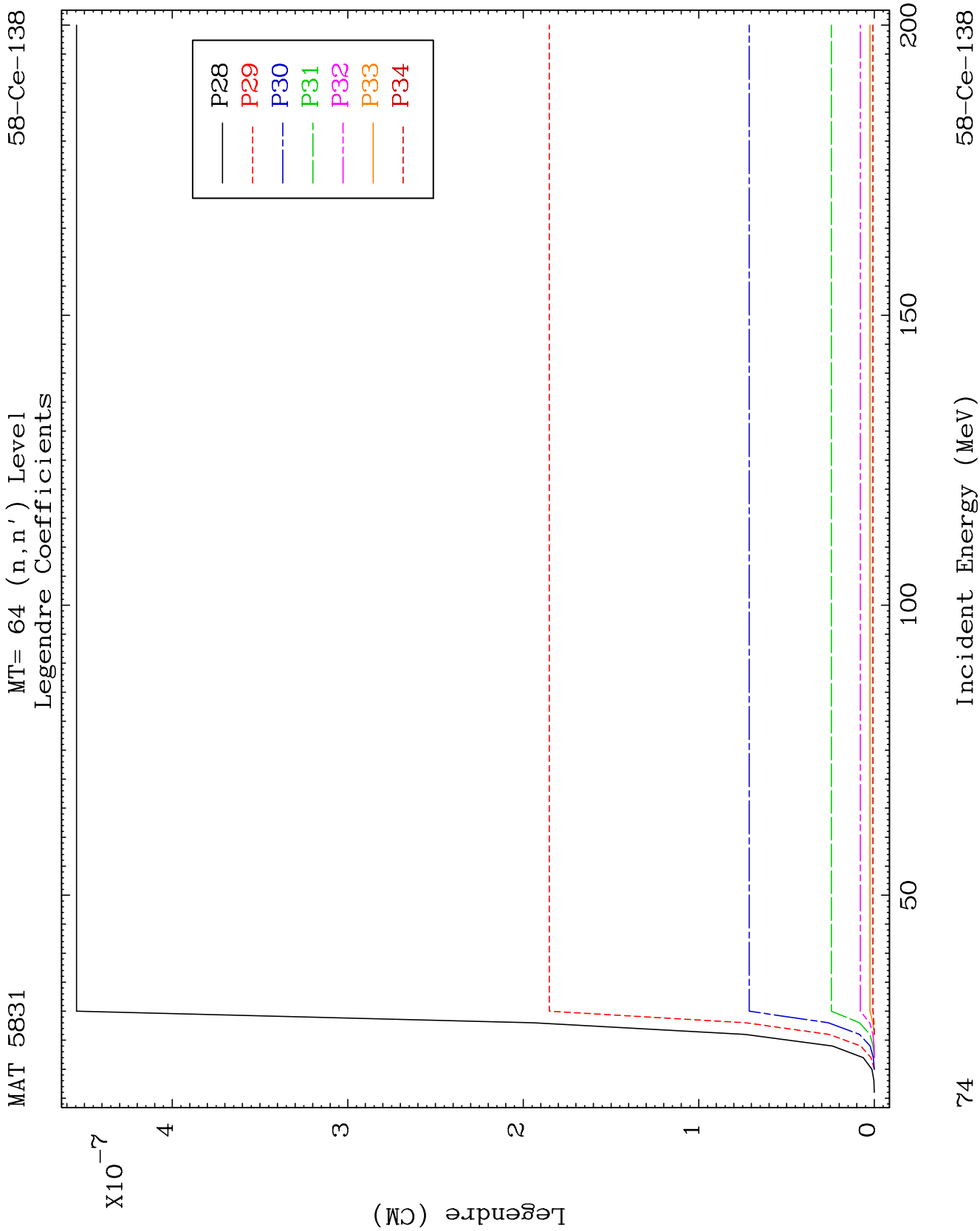








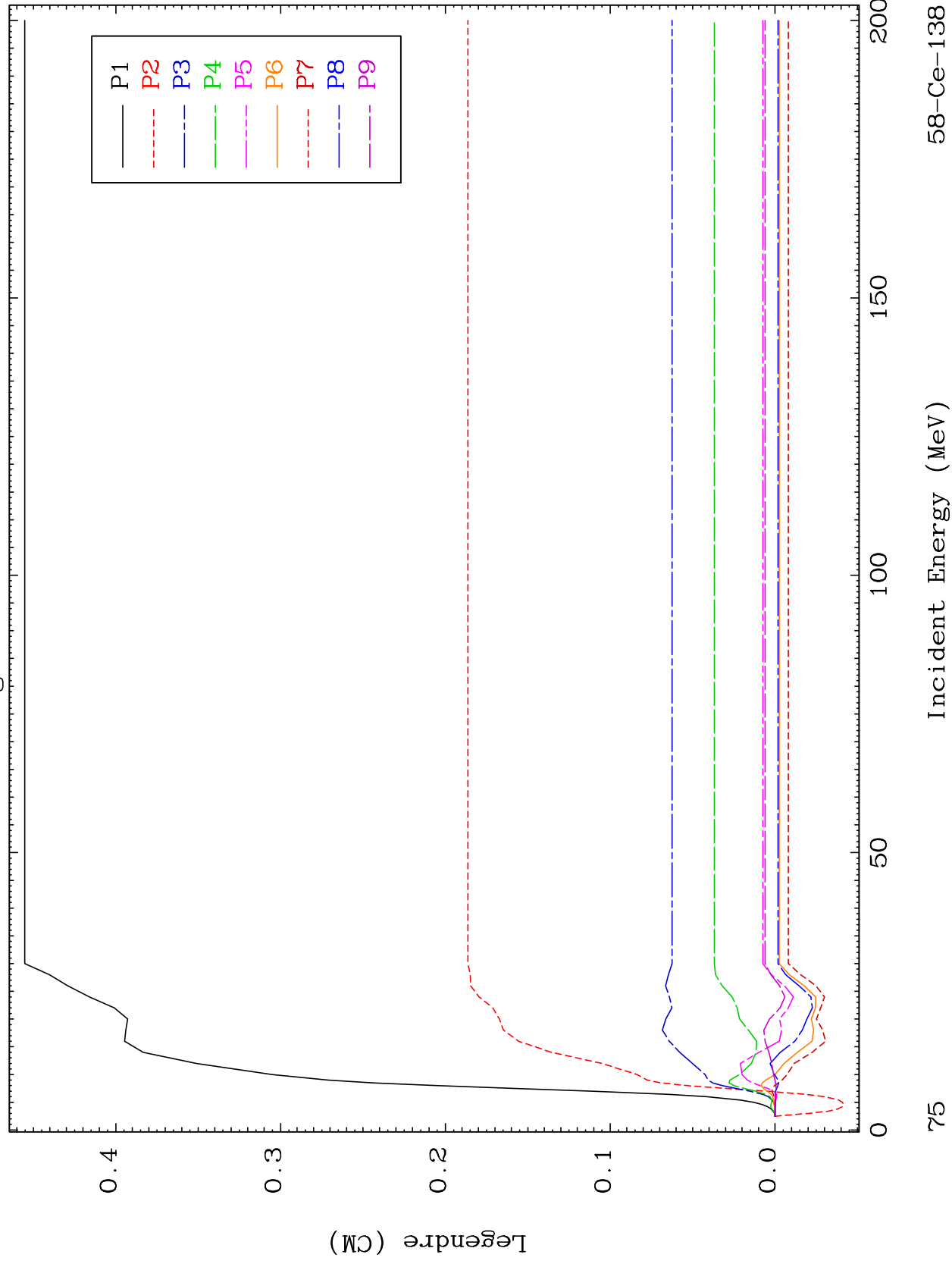


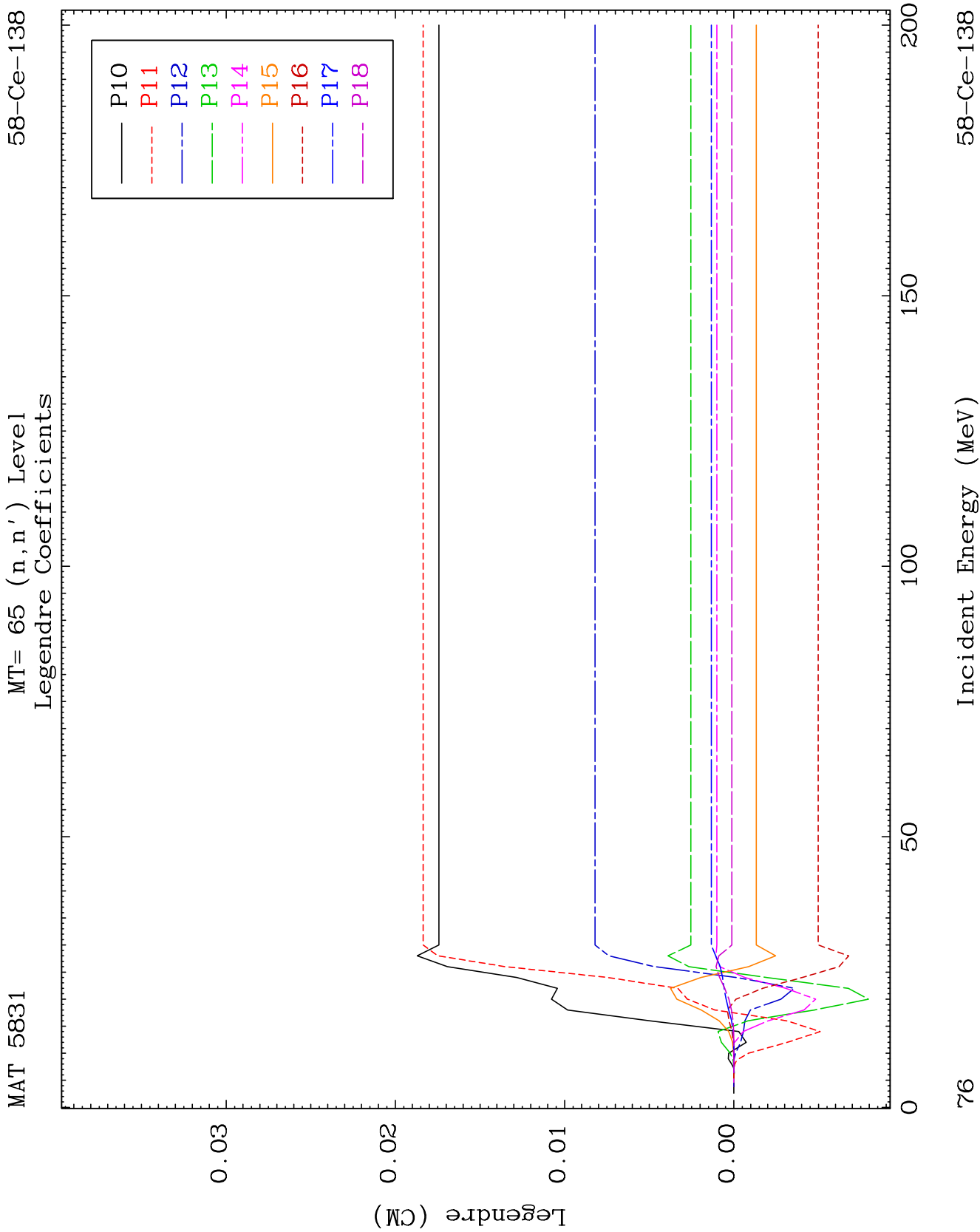


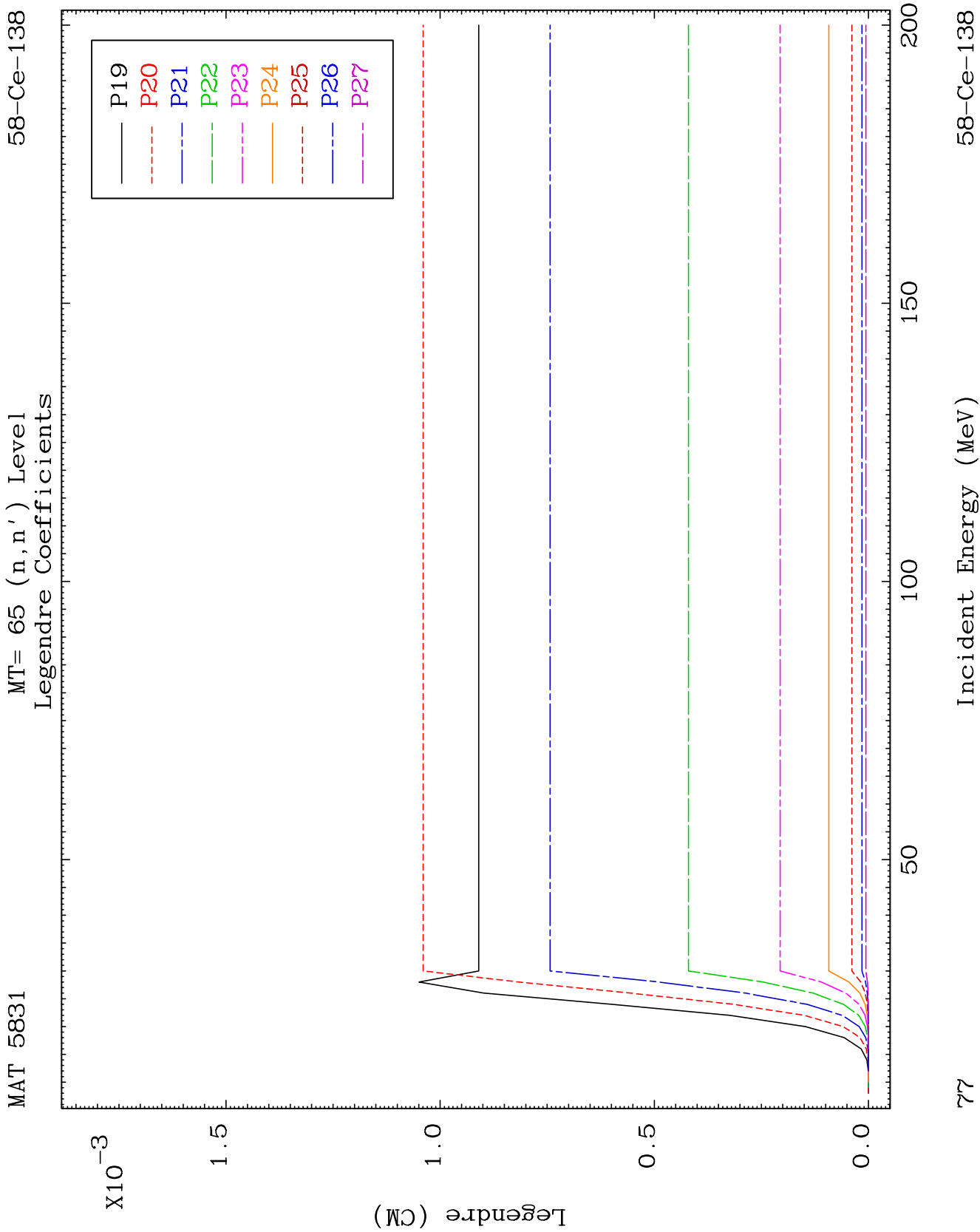
MAT 5831

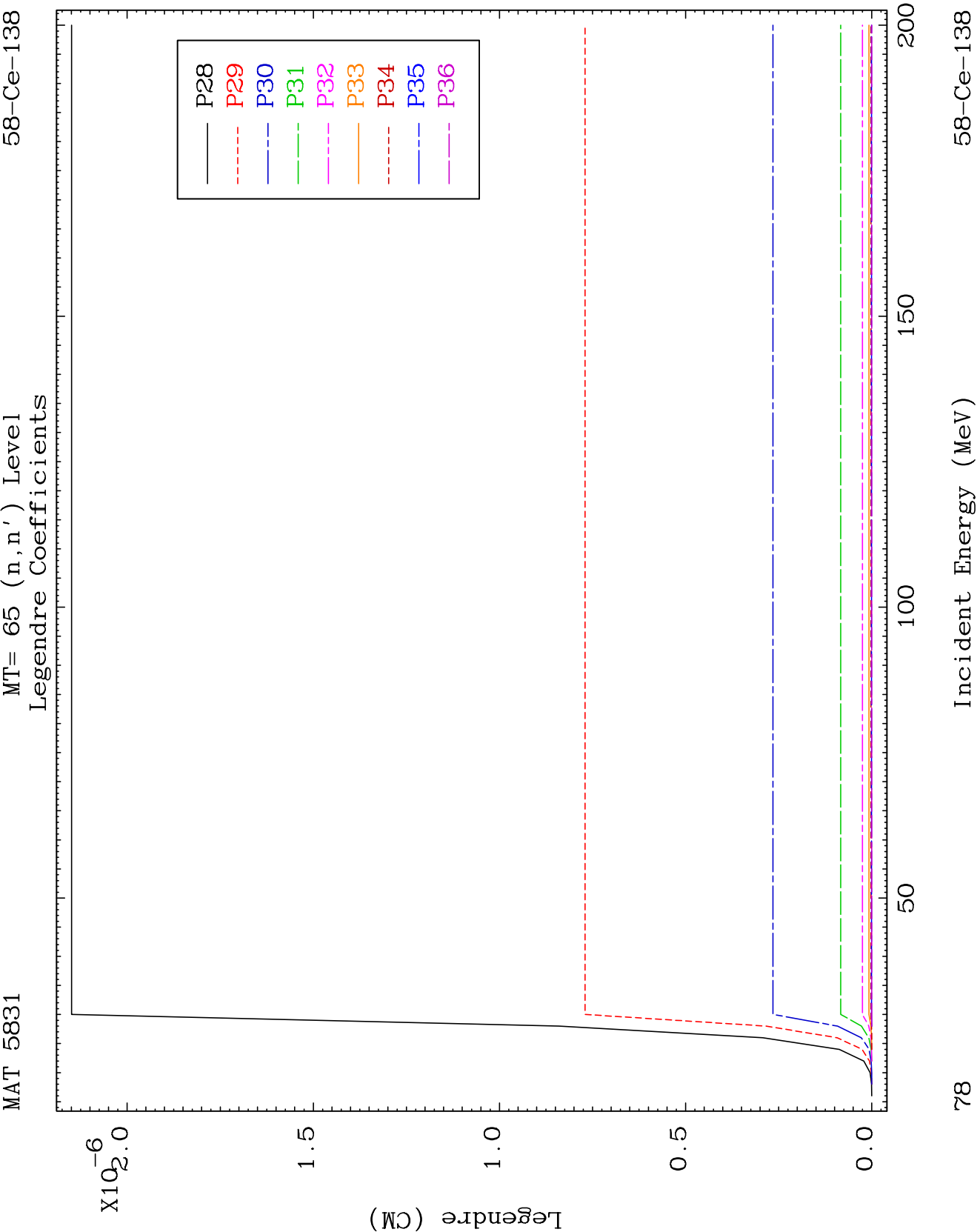
MT= 65 (n, n') Level
Legendre Coefficients

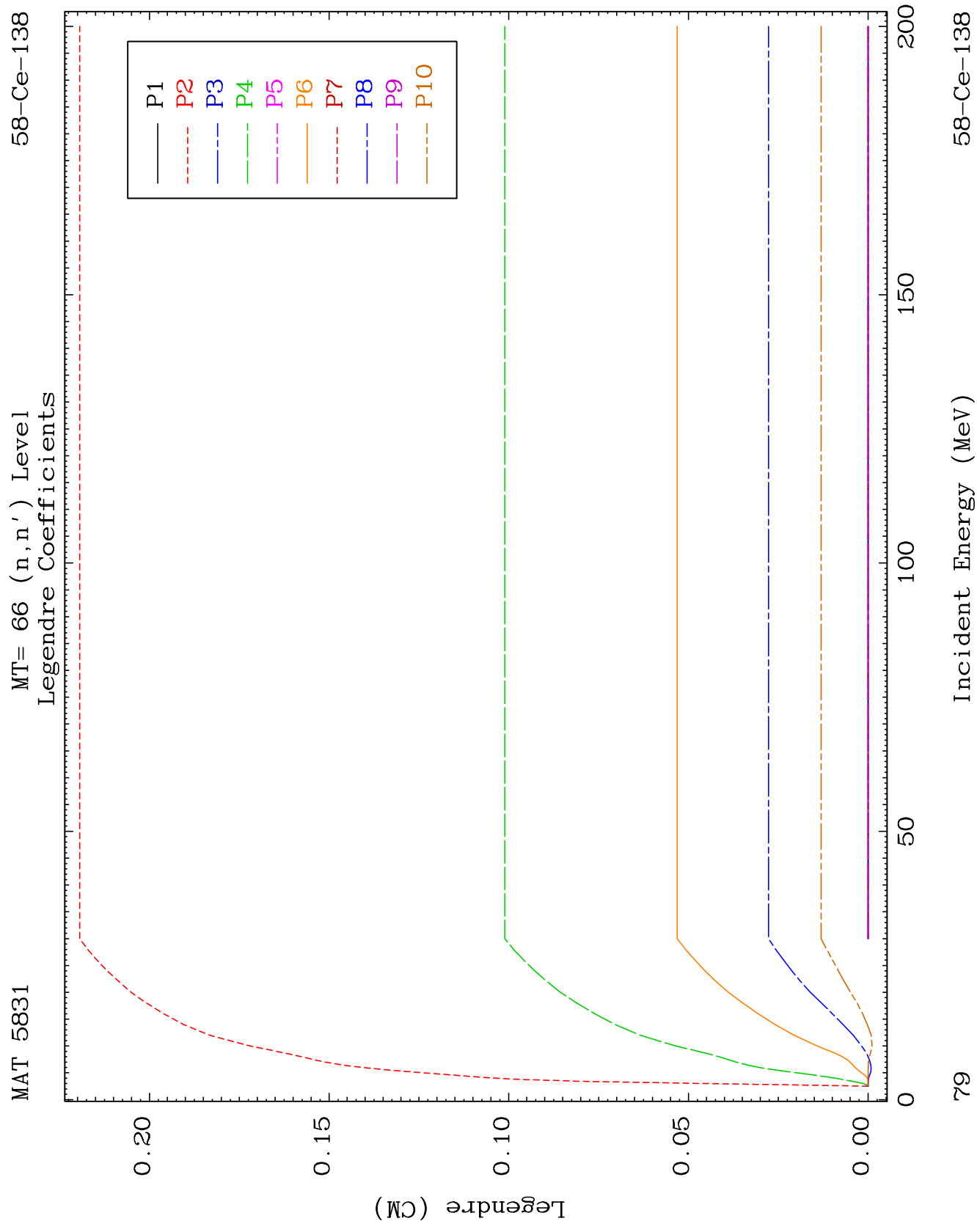
58-Ce-138

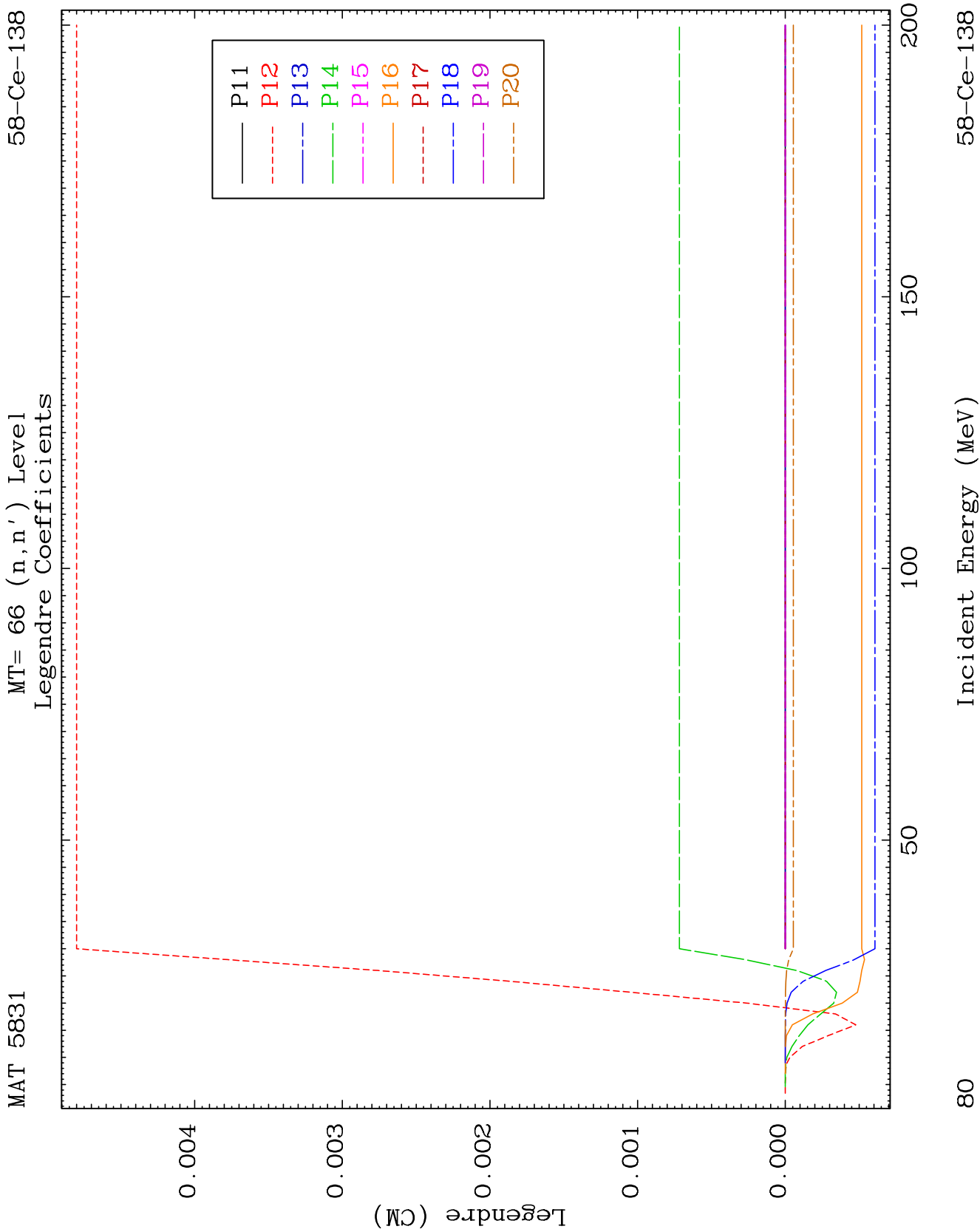


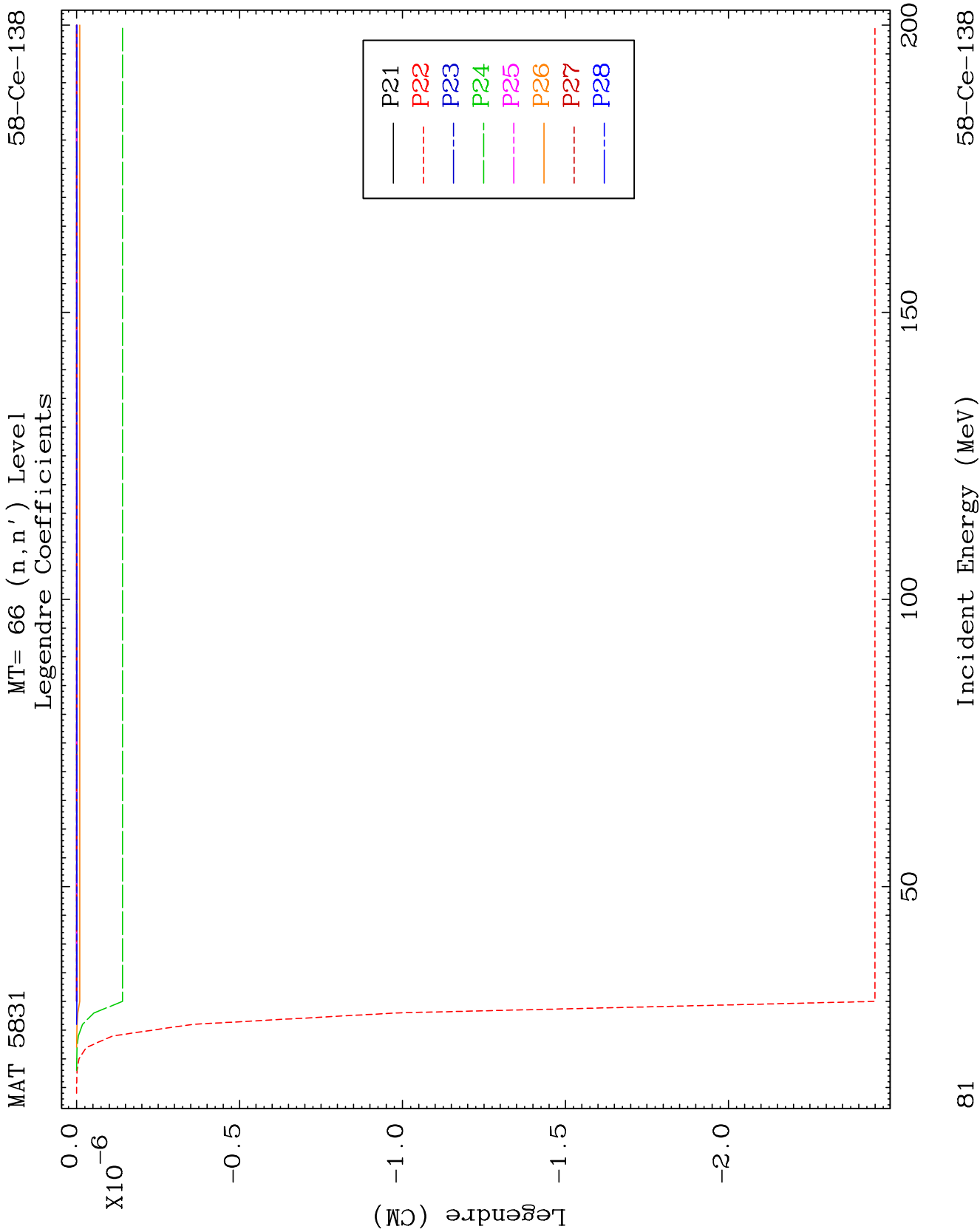


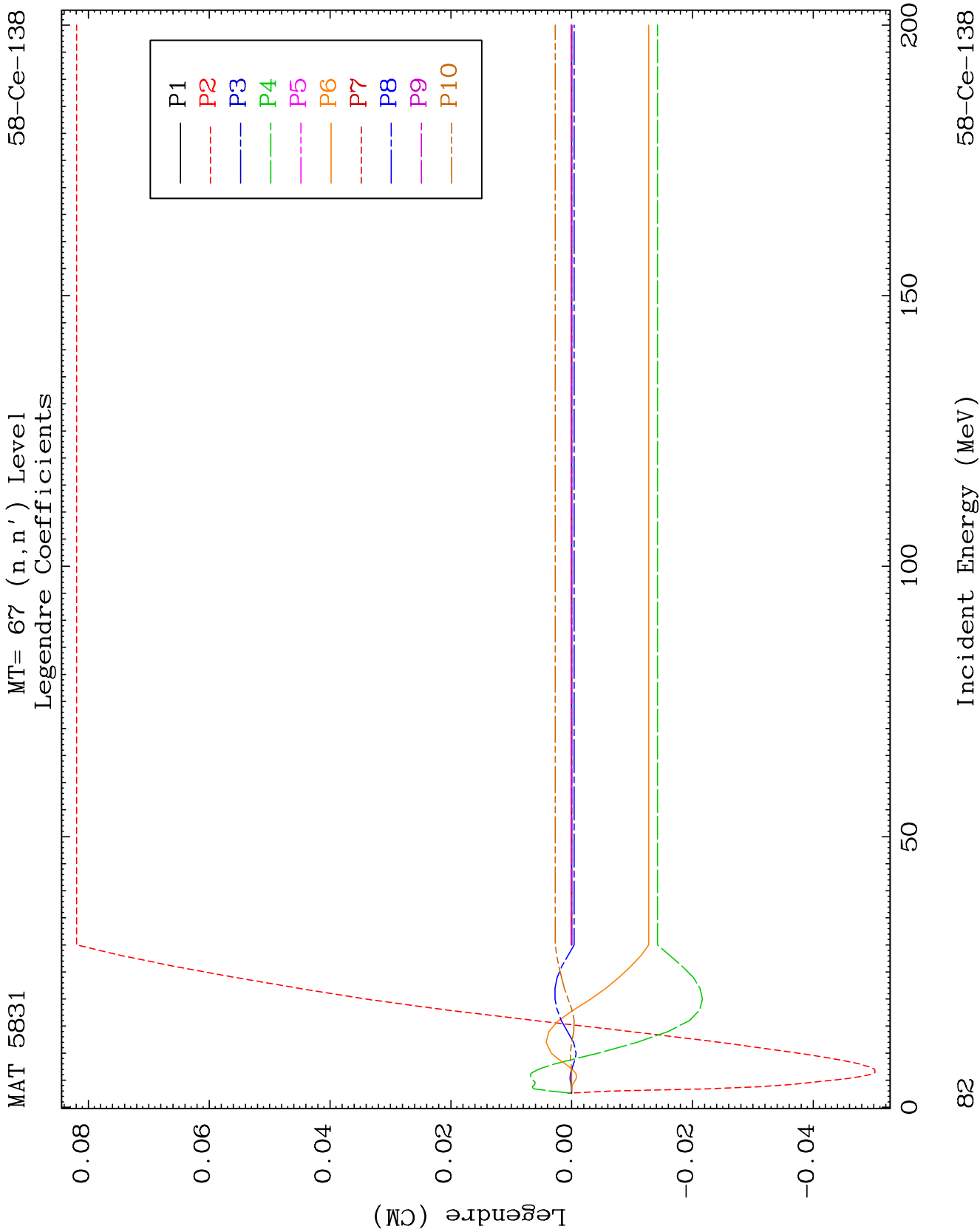


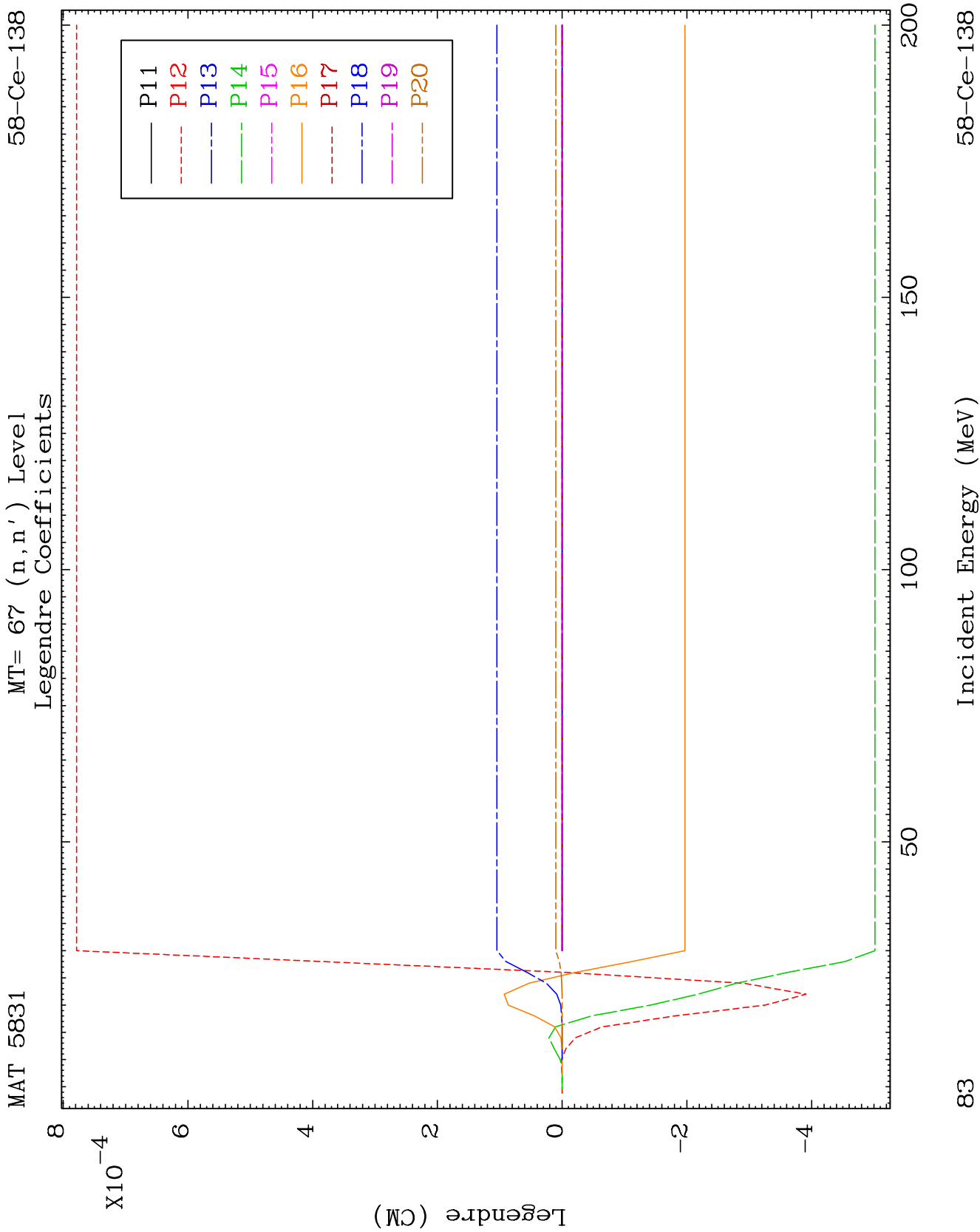


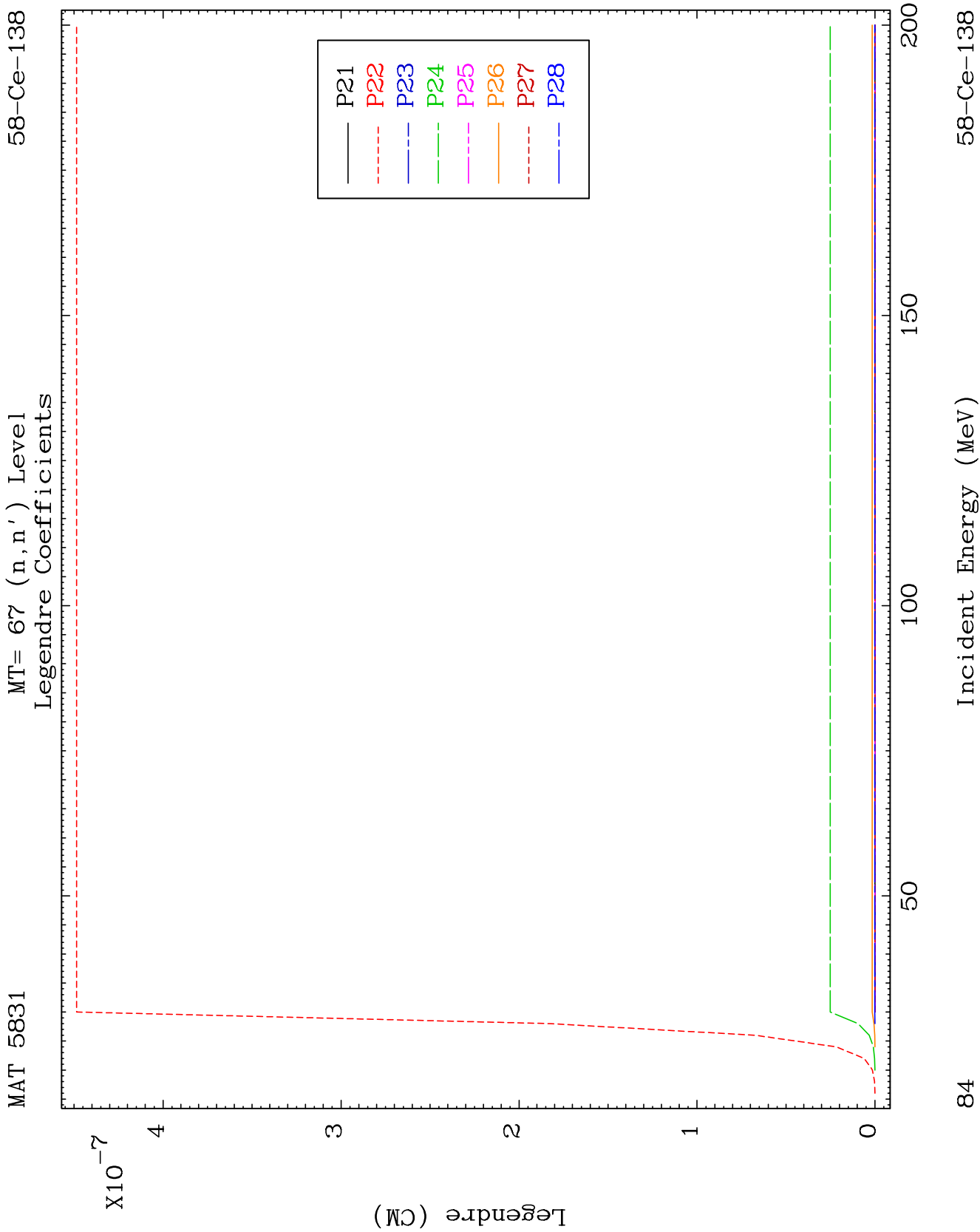


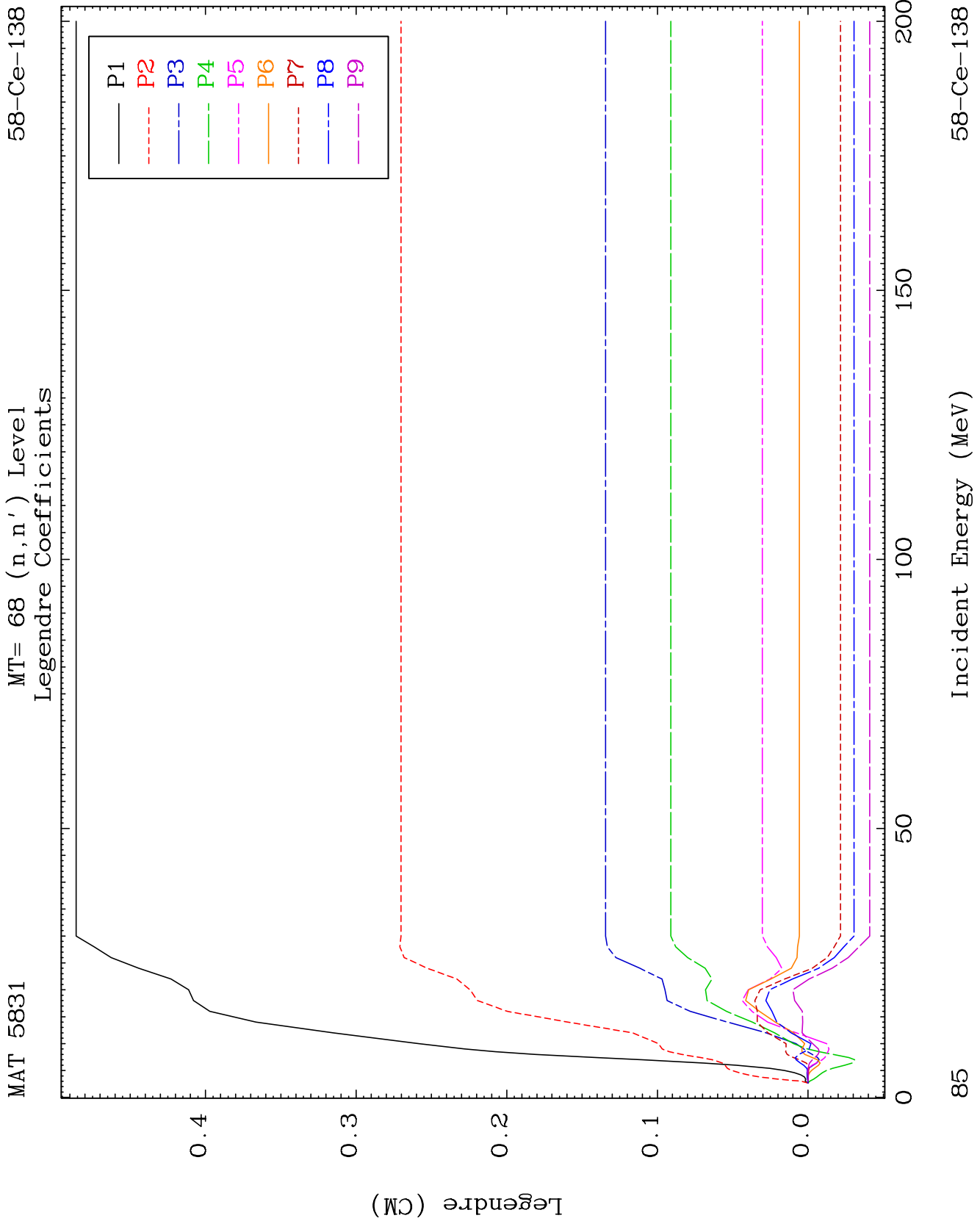


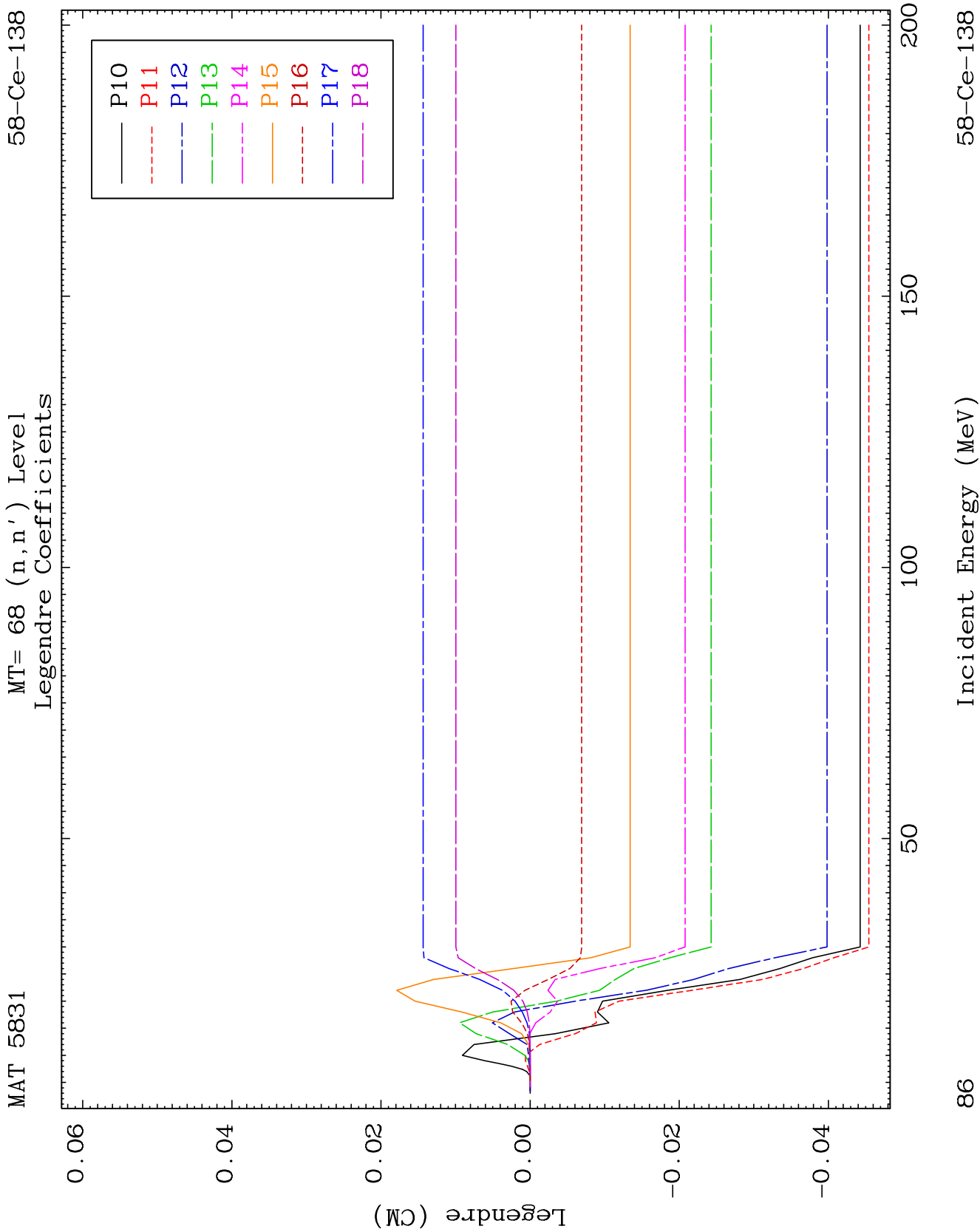








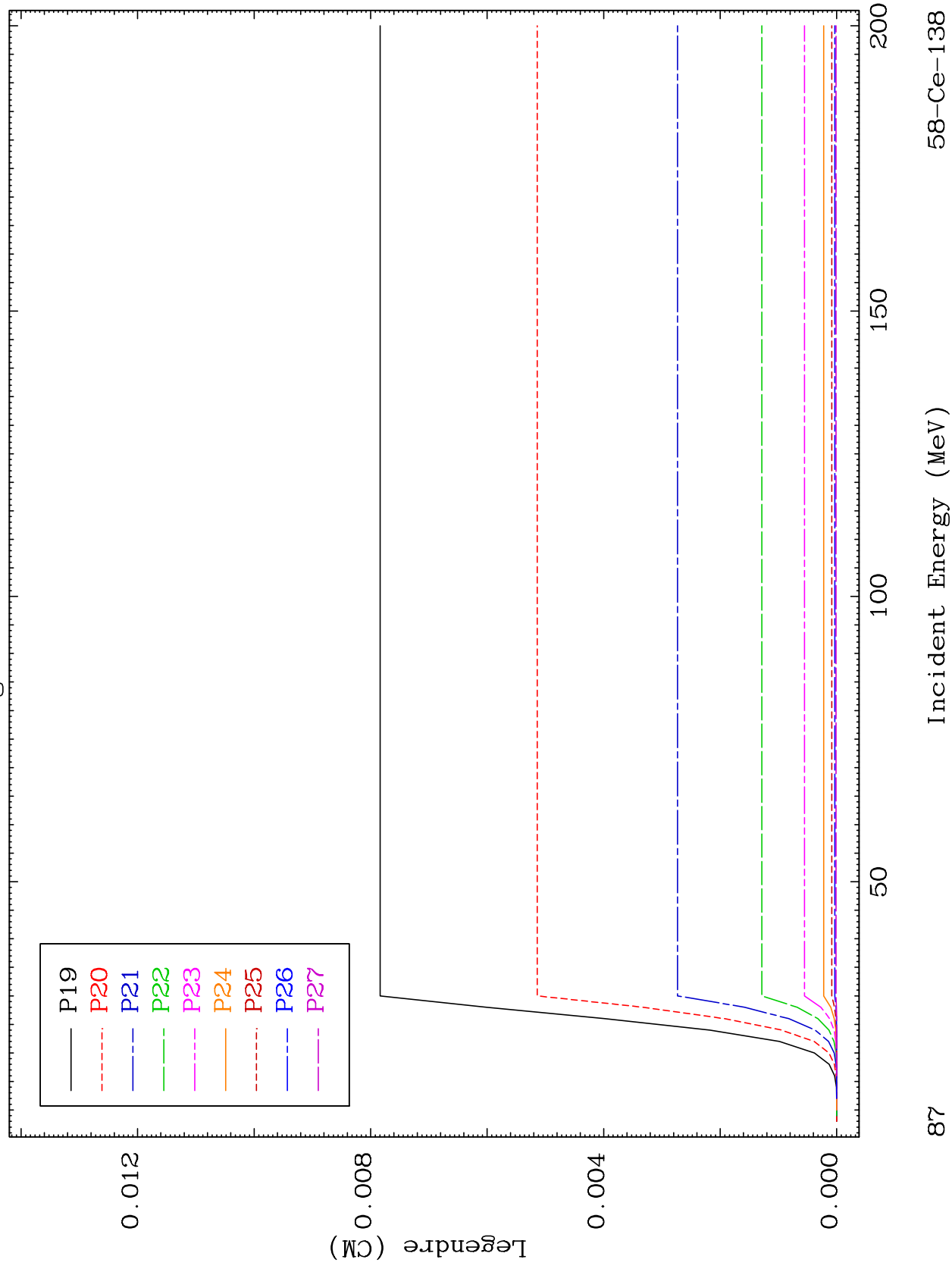


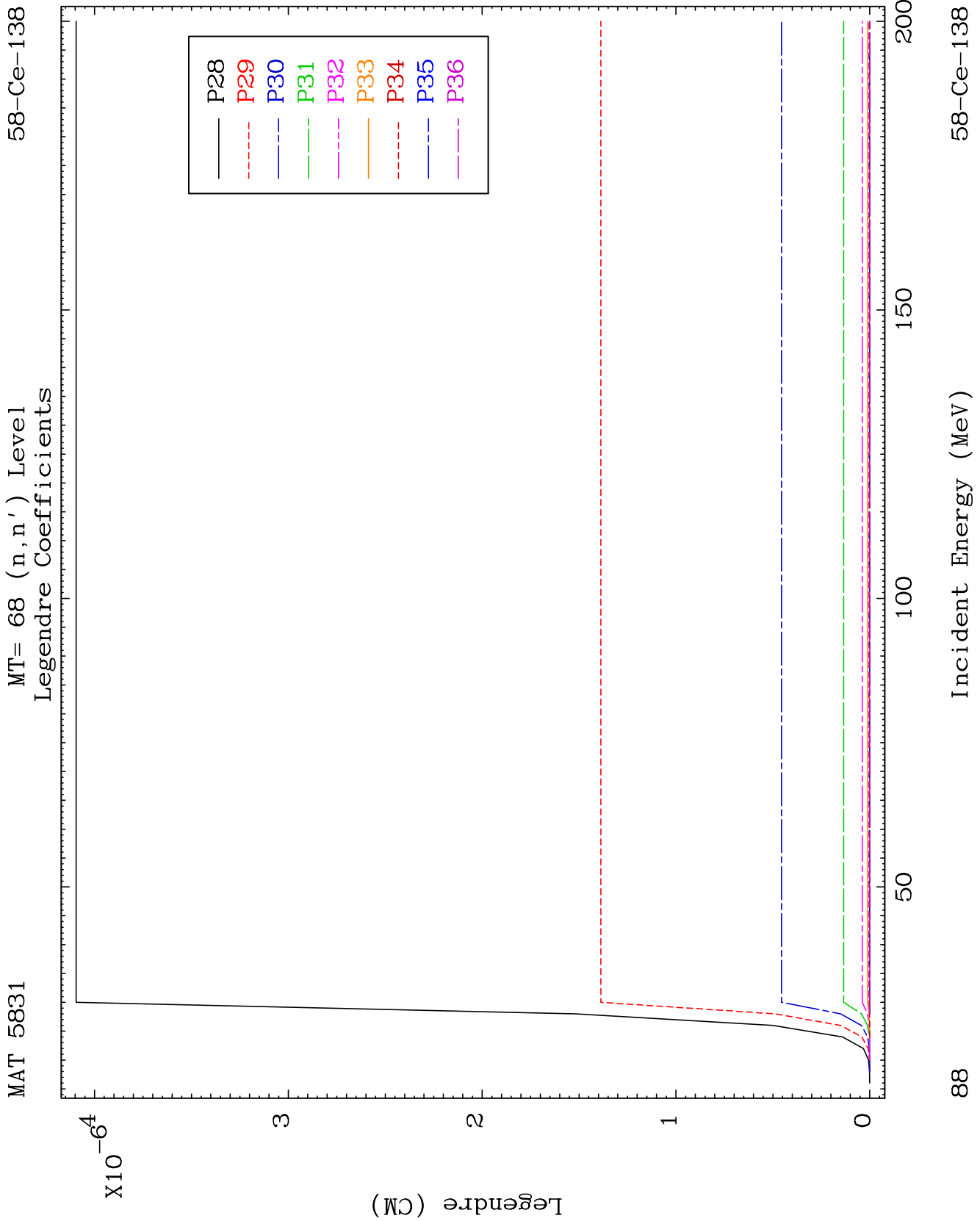


MAT 5831

MT= 68 (n, n') Level
Legendre Coefficients

58-Ce-138

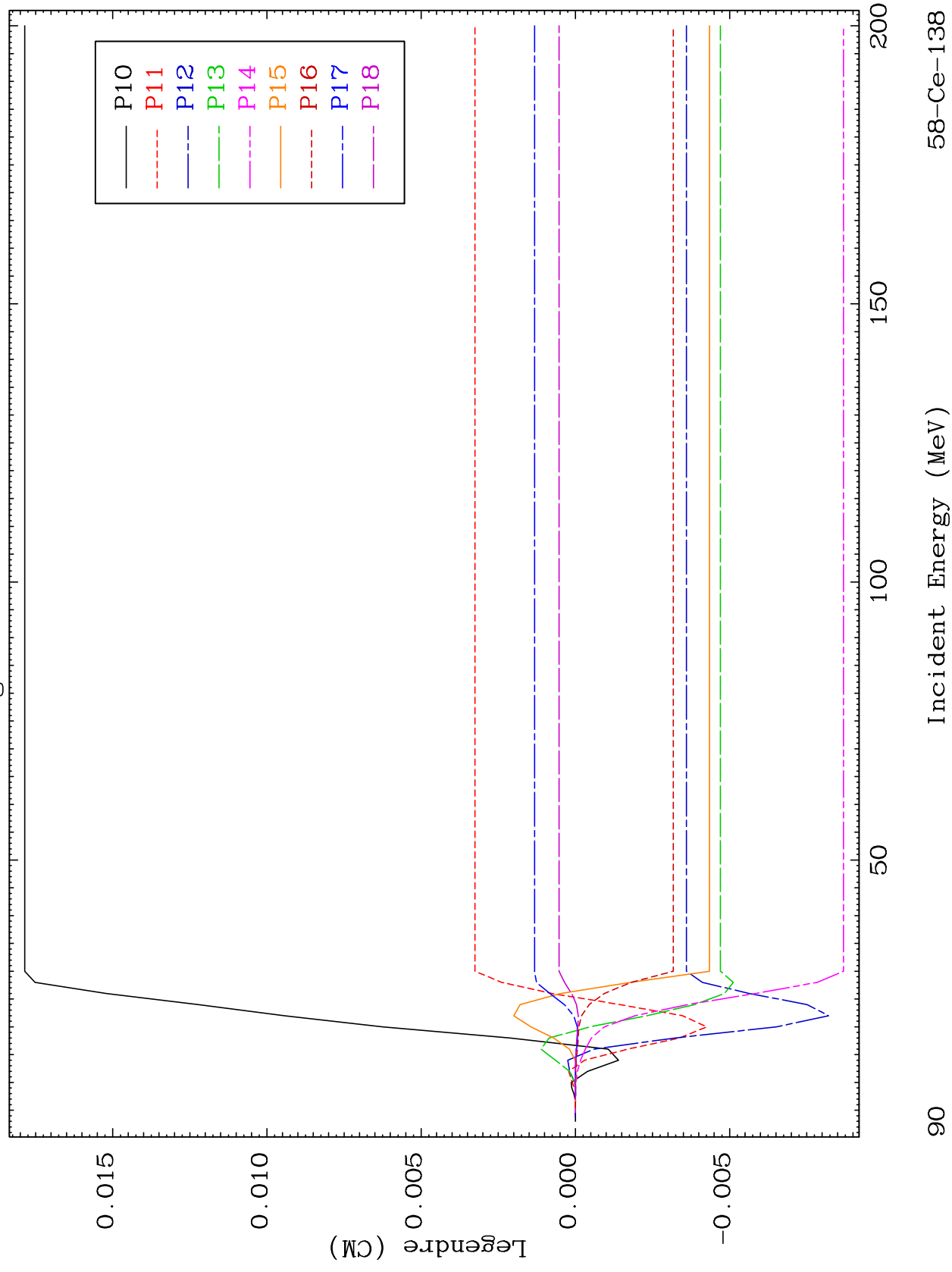


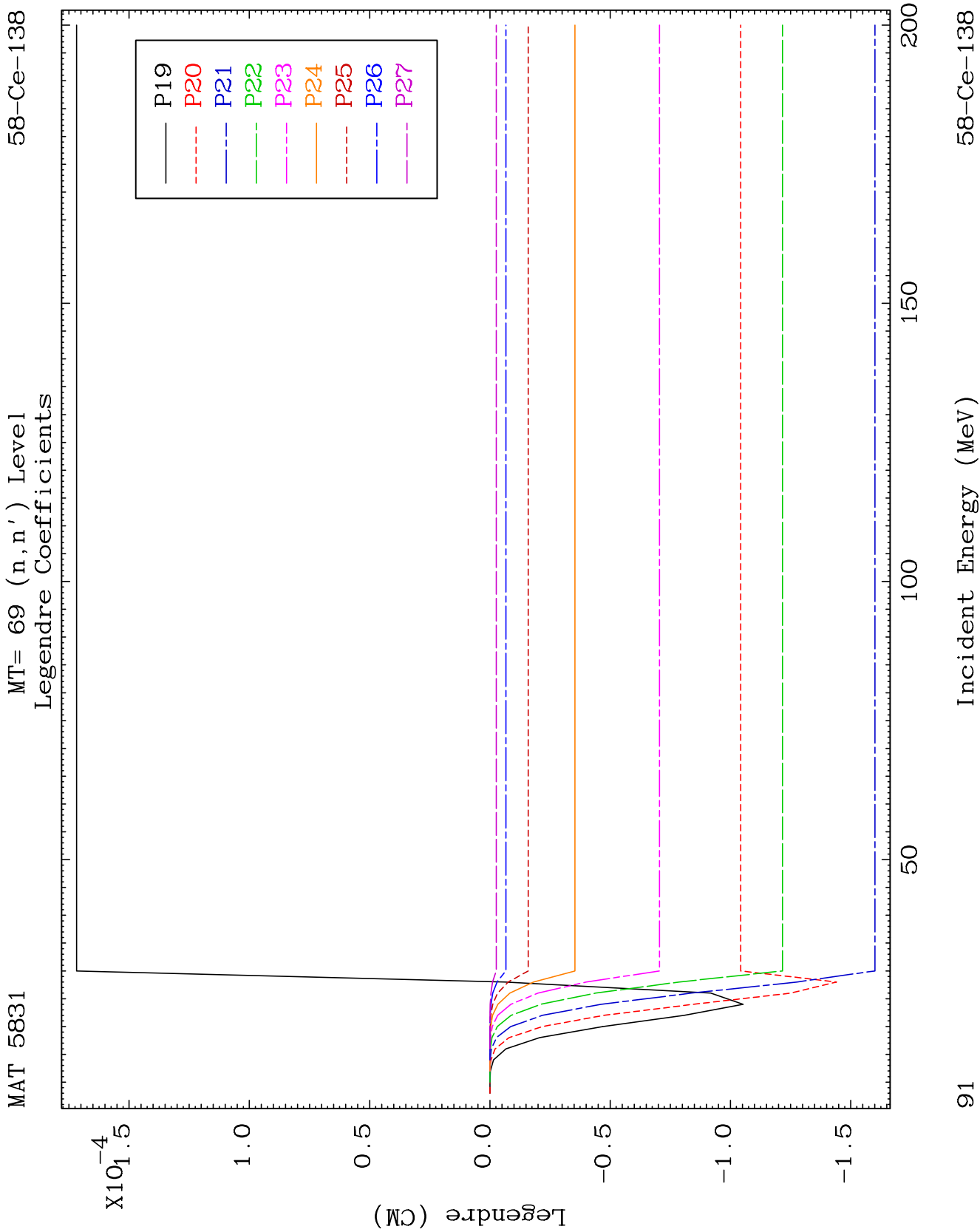


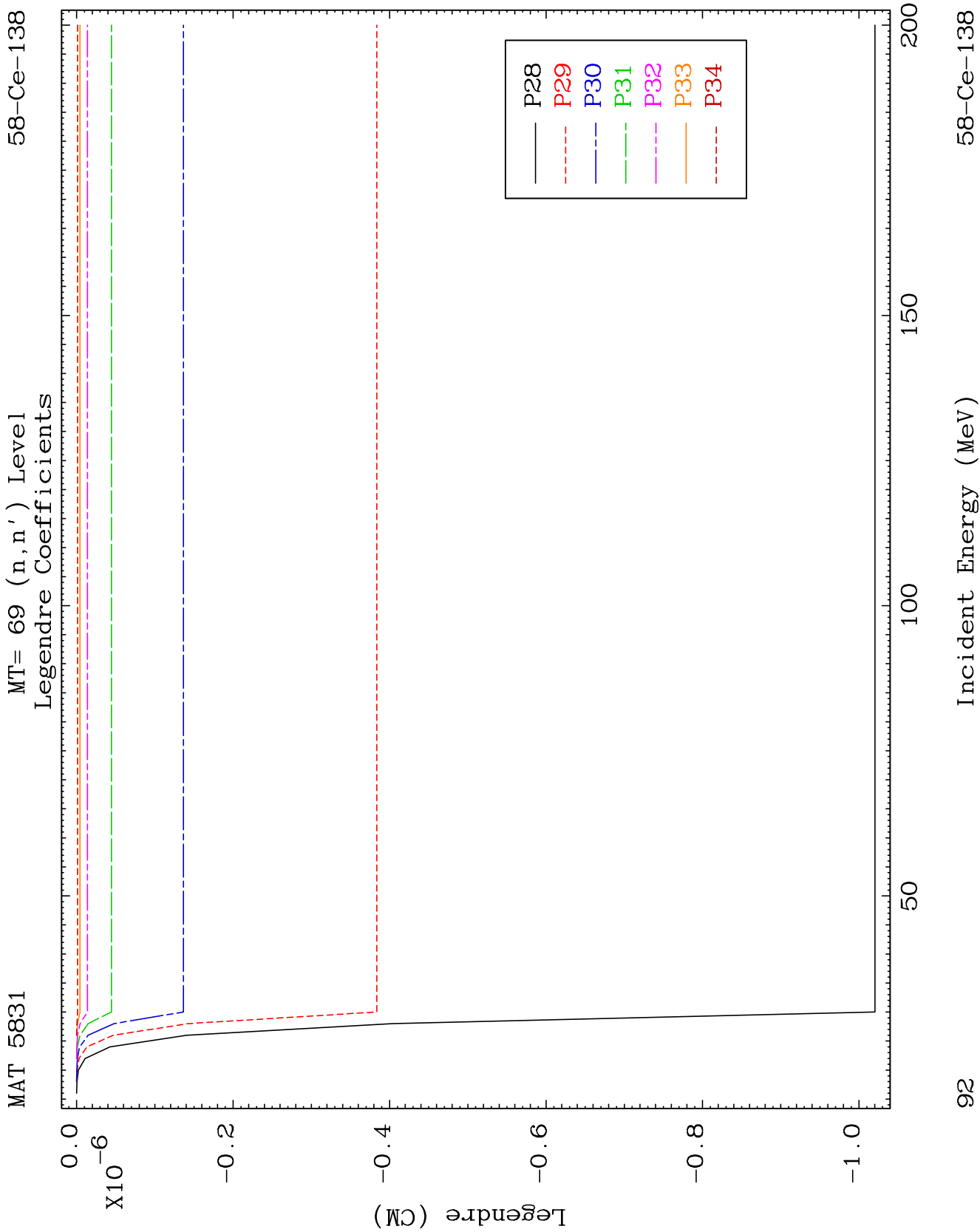
MAT 5831

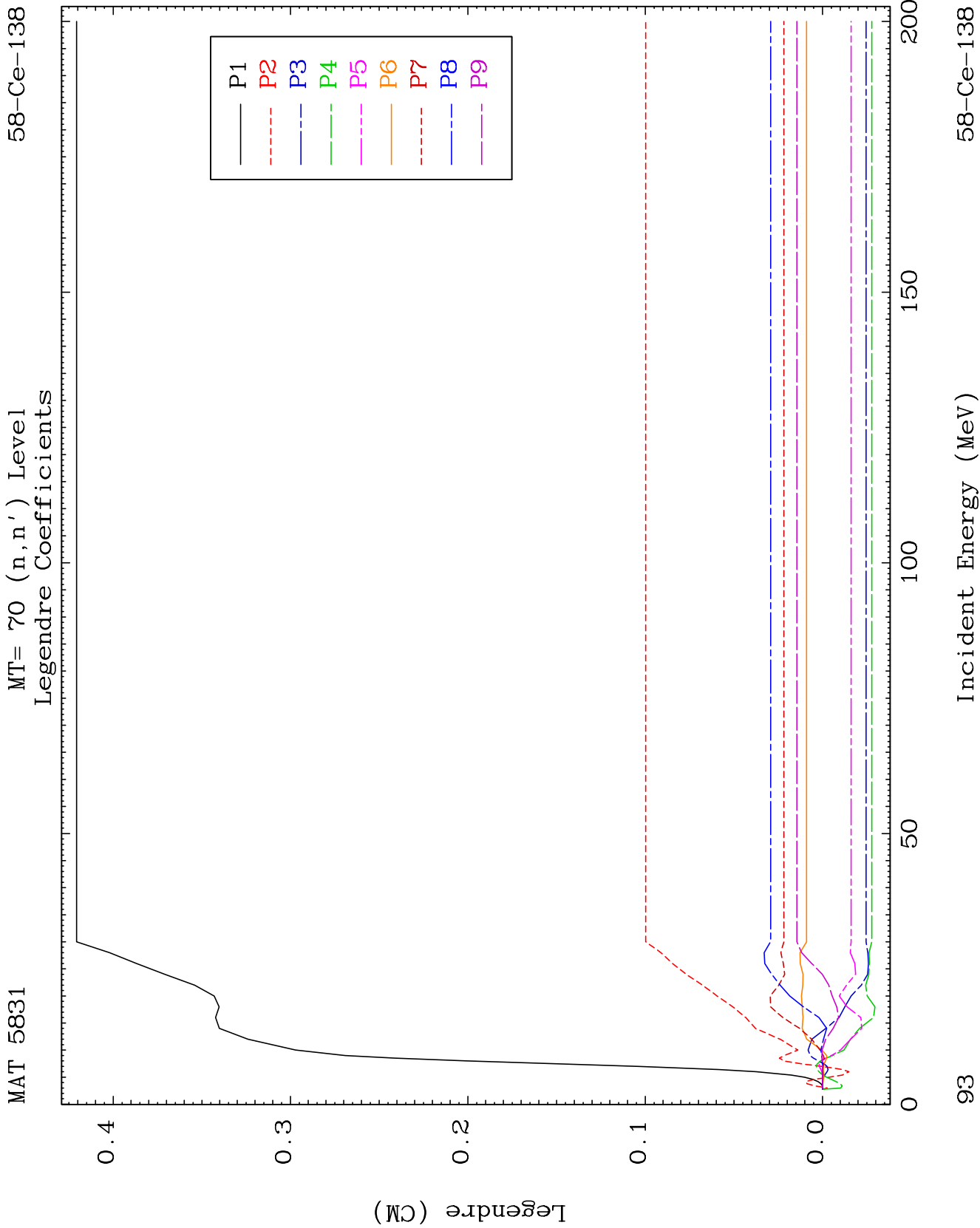
MT= 69 (n, n') Level
Legendre Coefficients

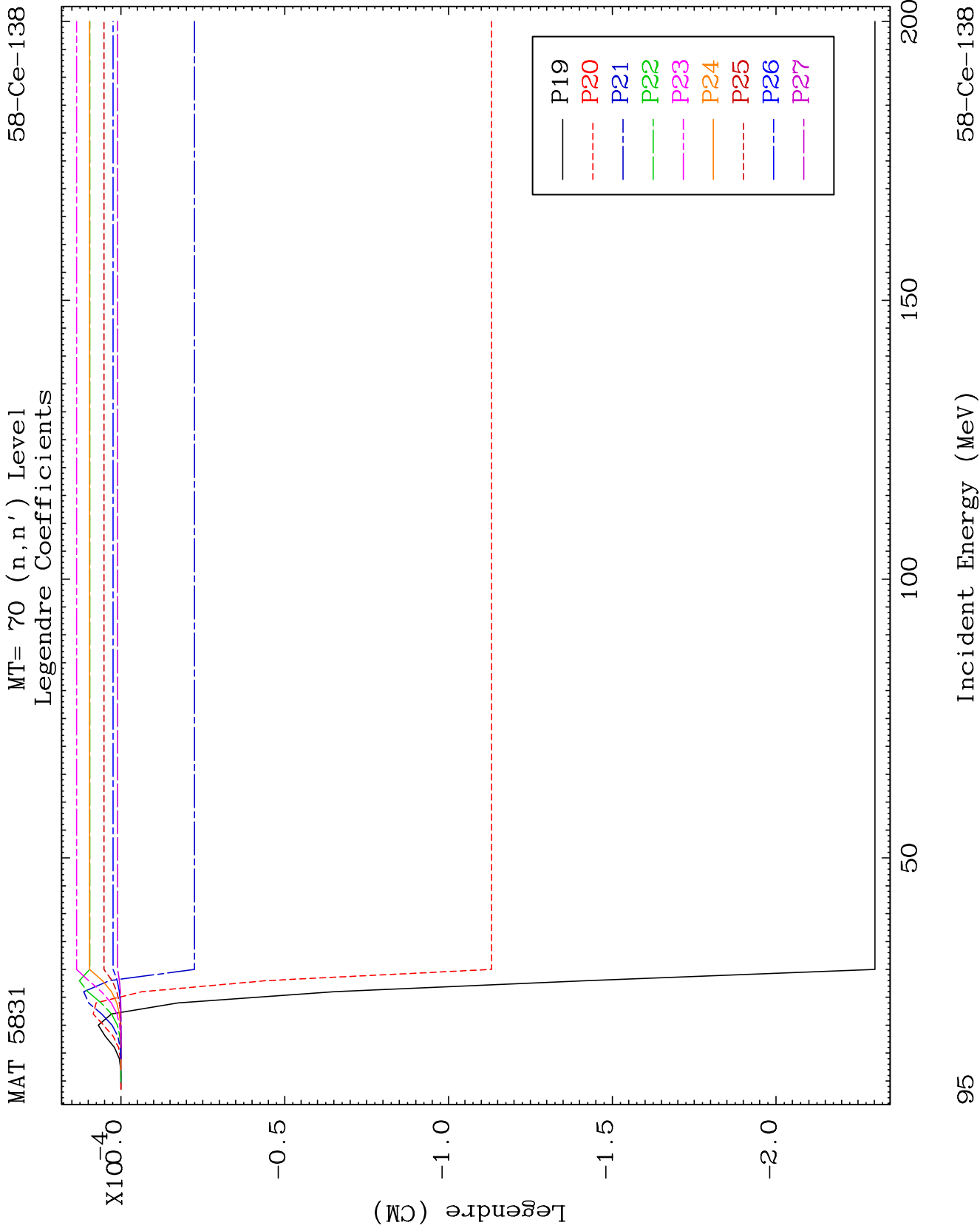
58-Ce-138

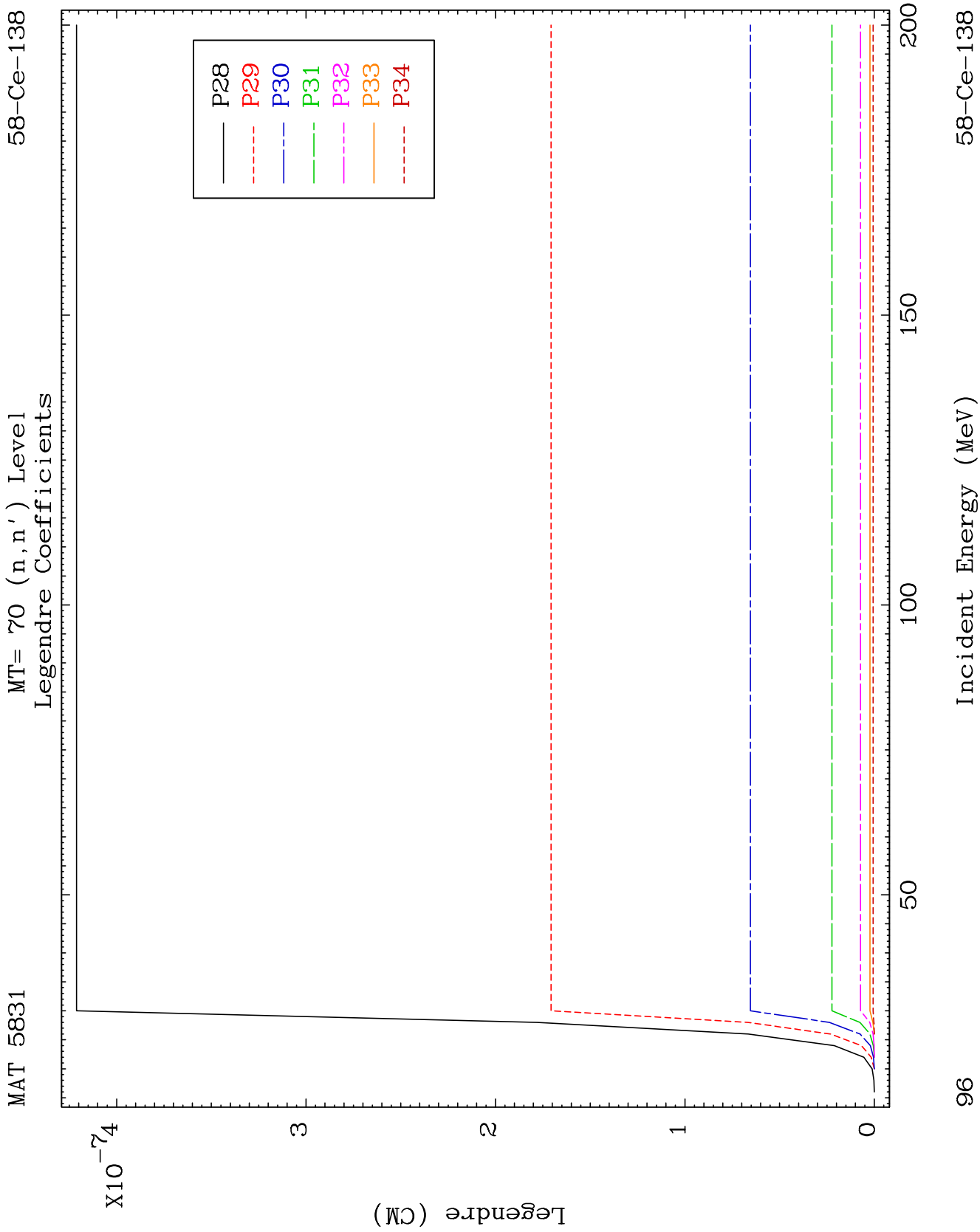


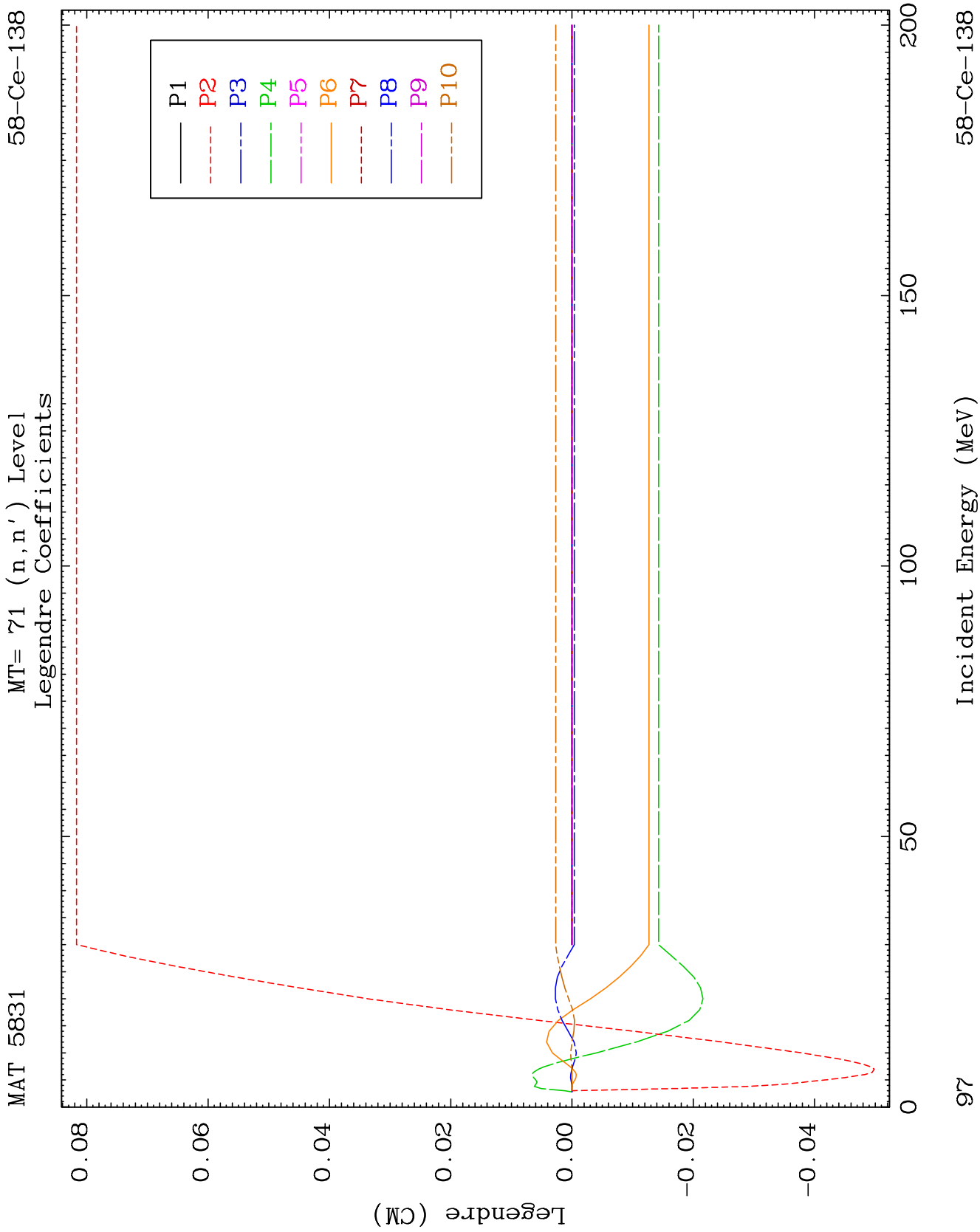


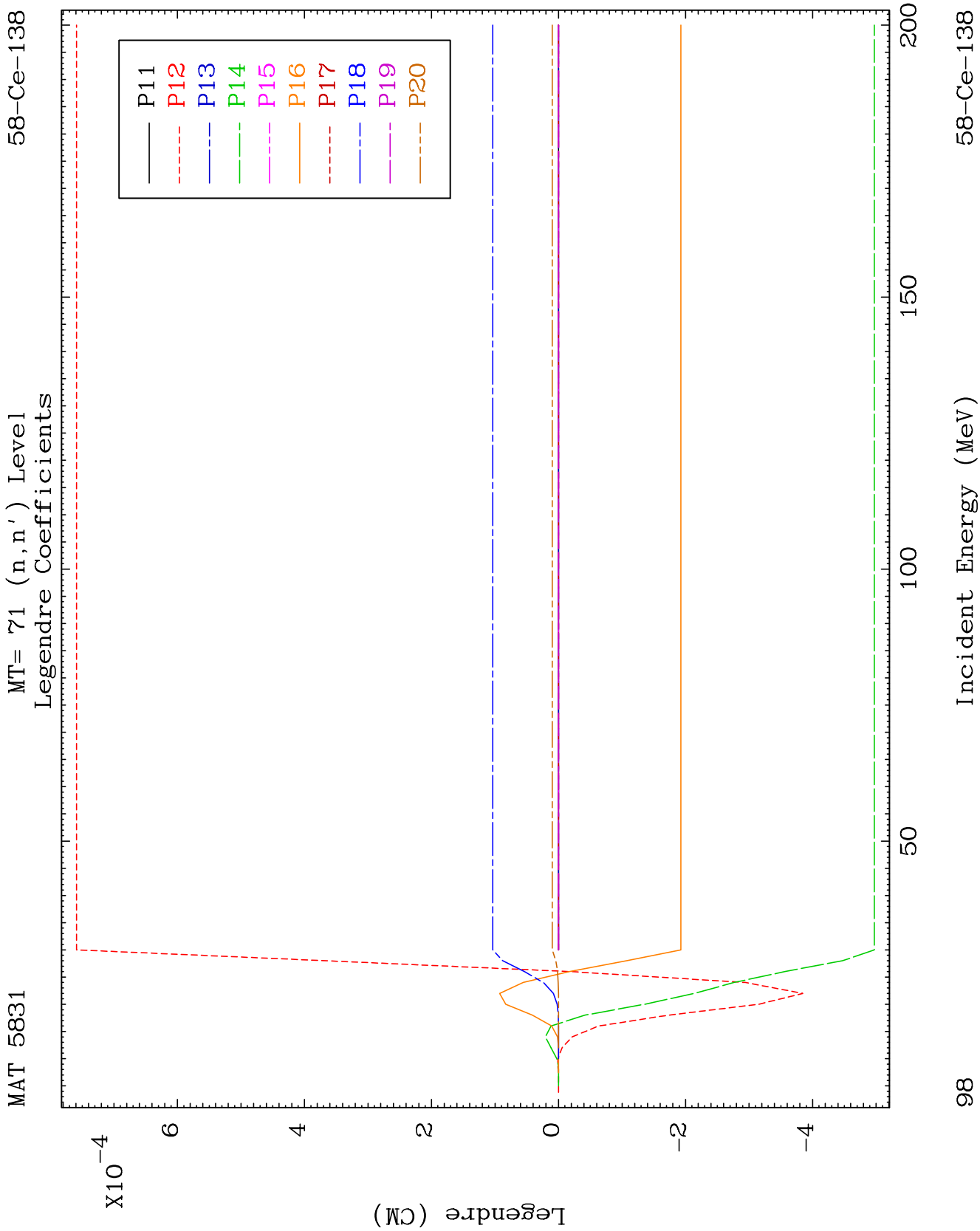


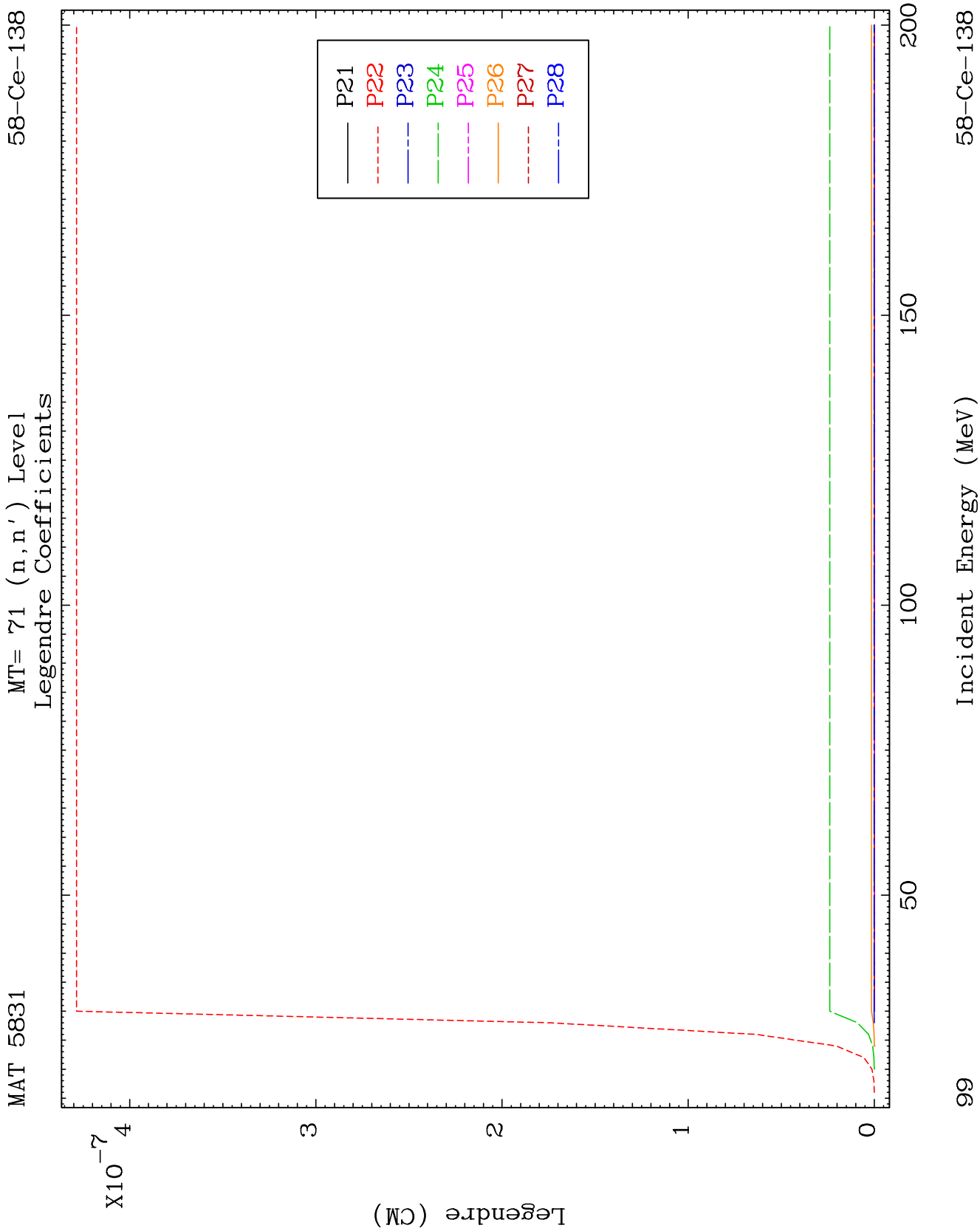


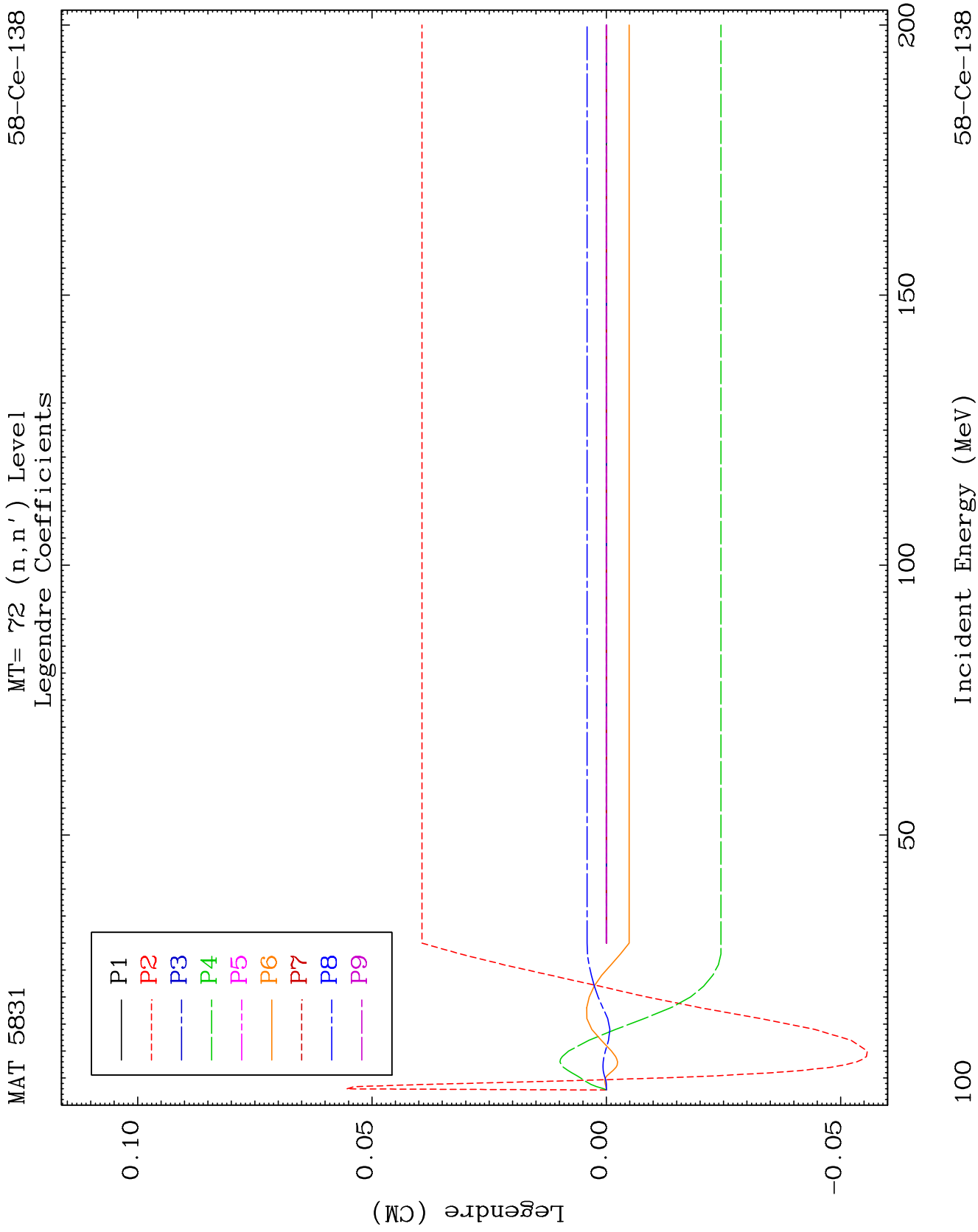


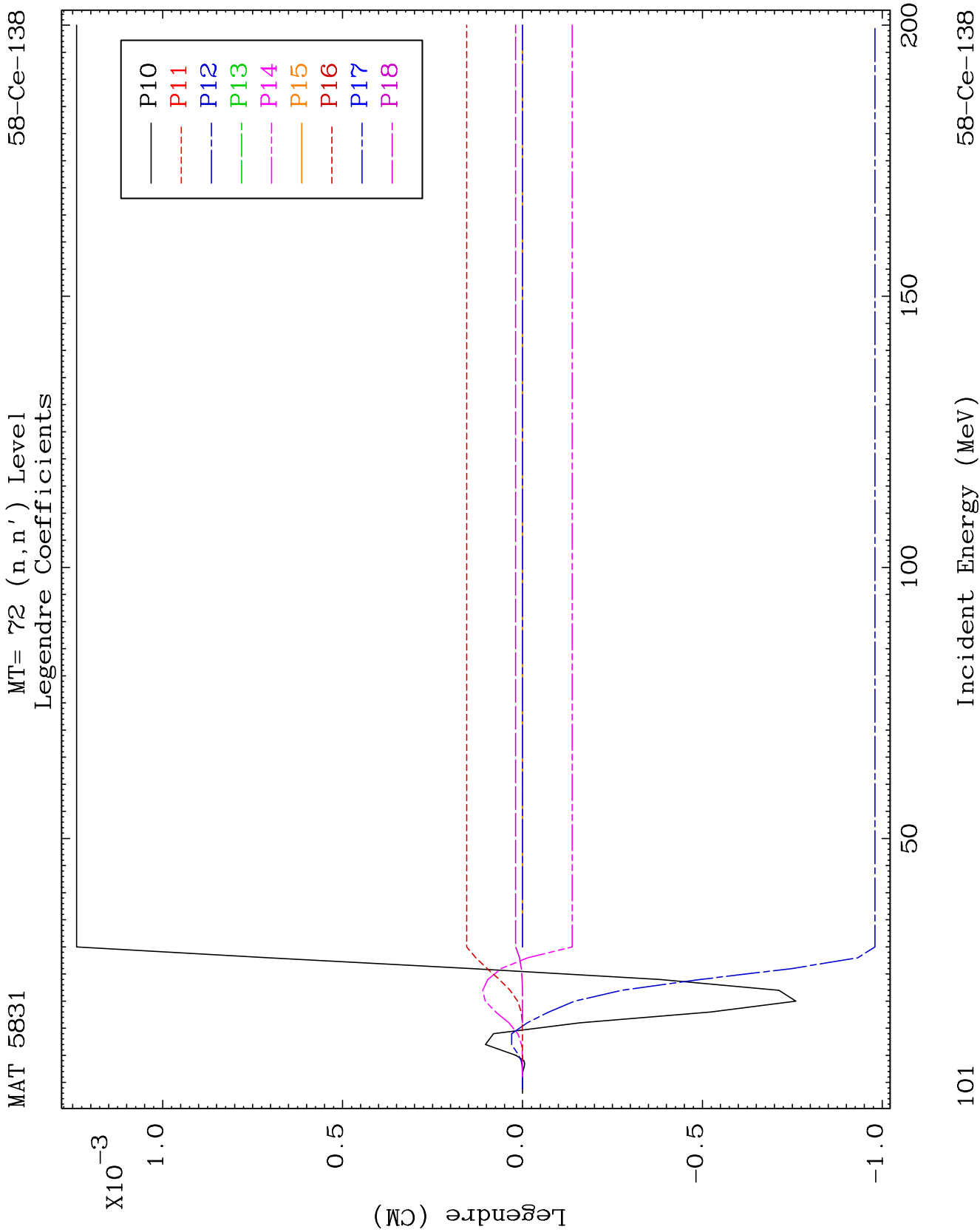


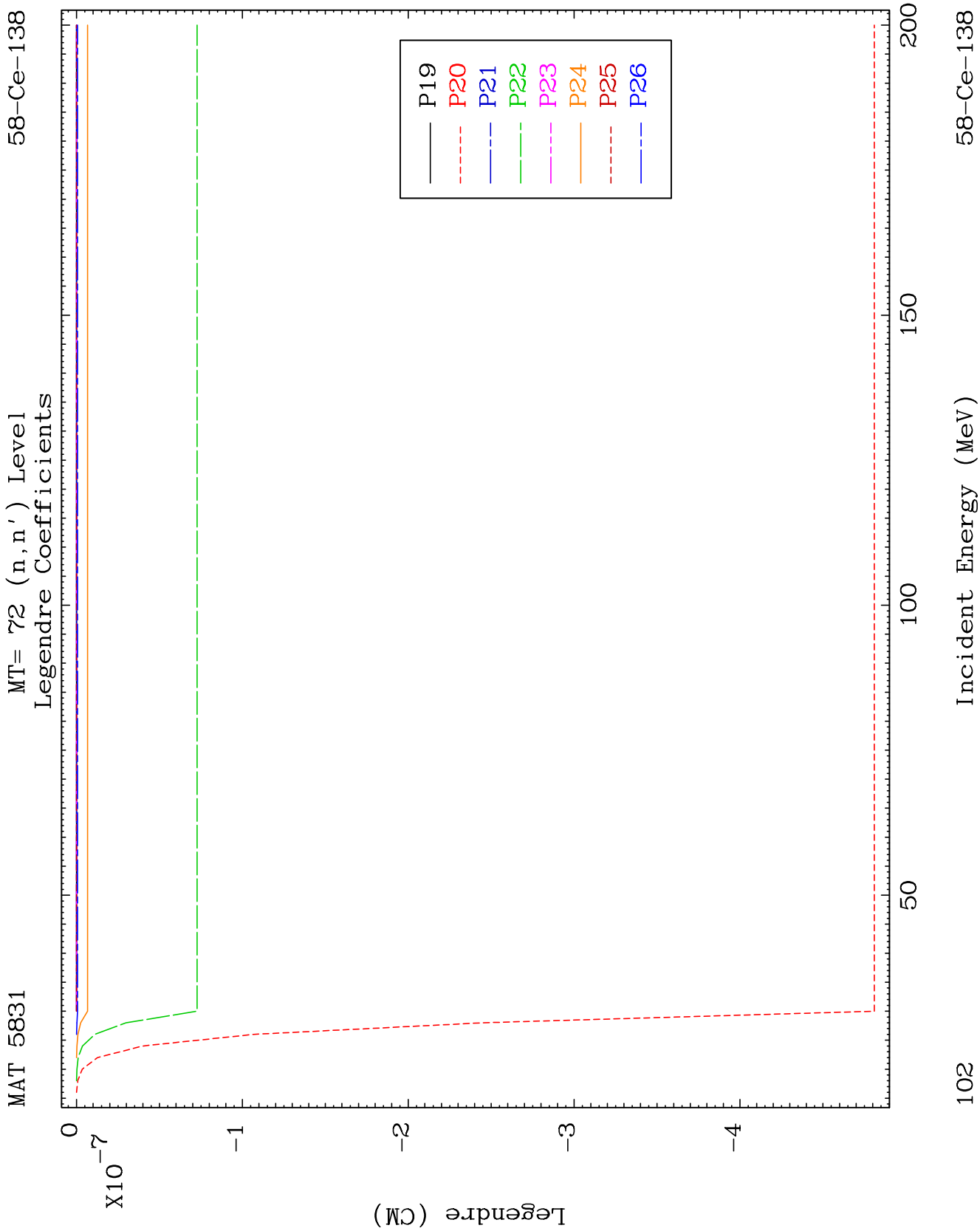


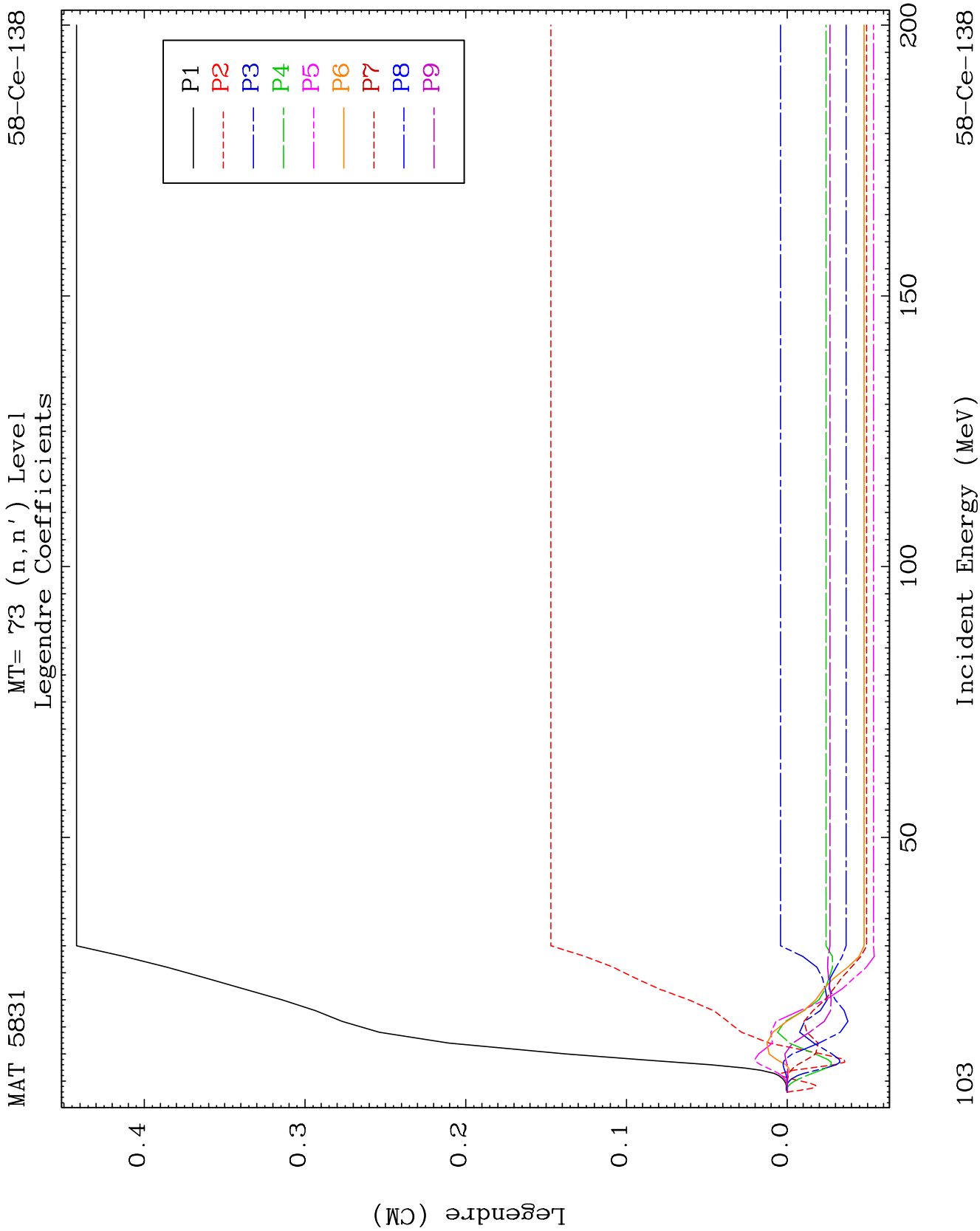








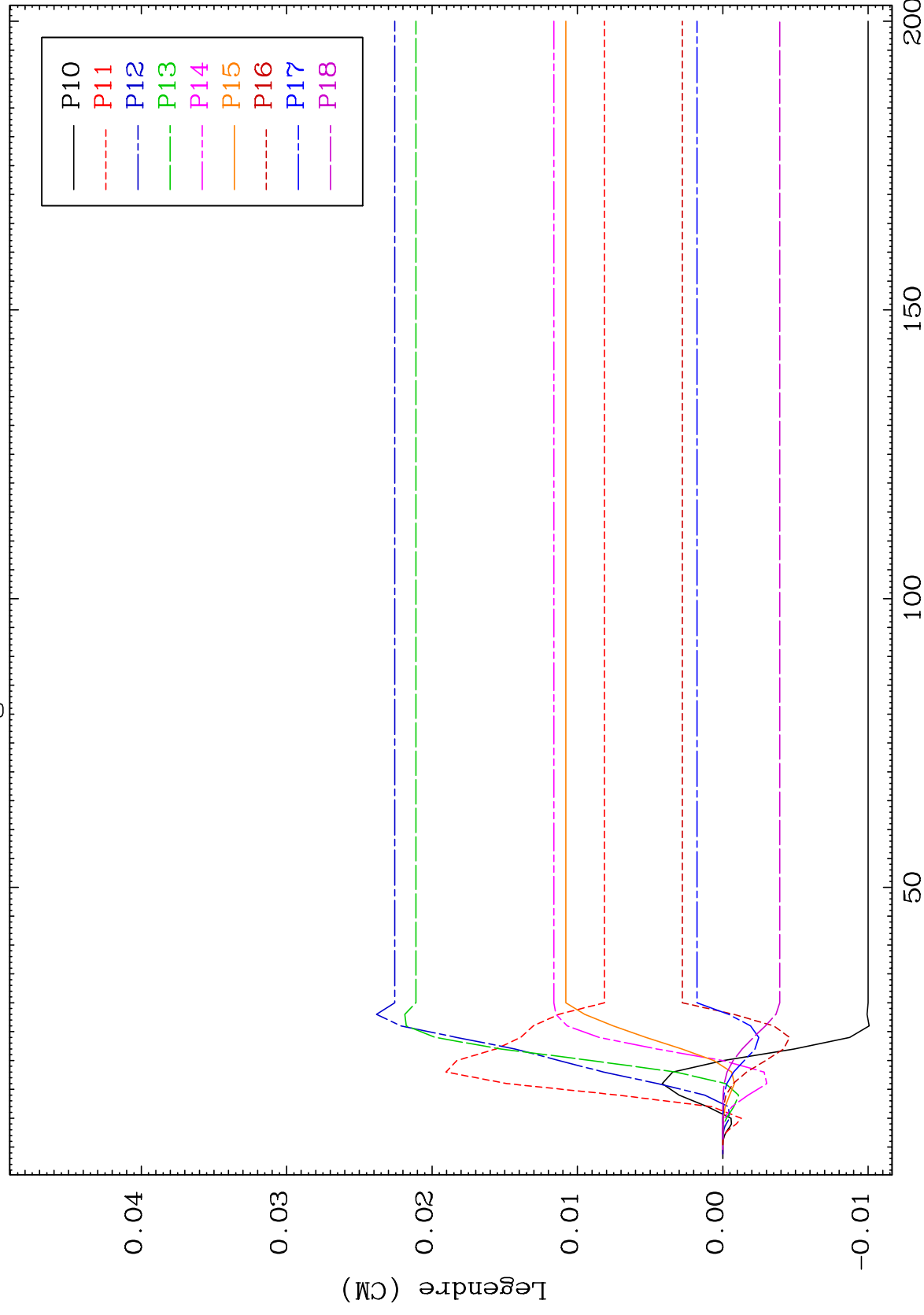




MAT 5831

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

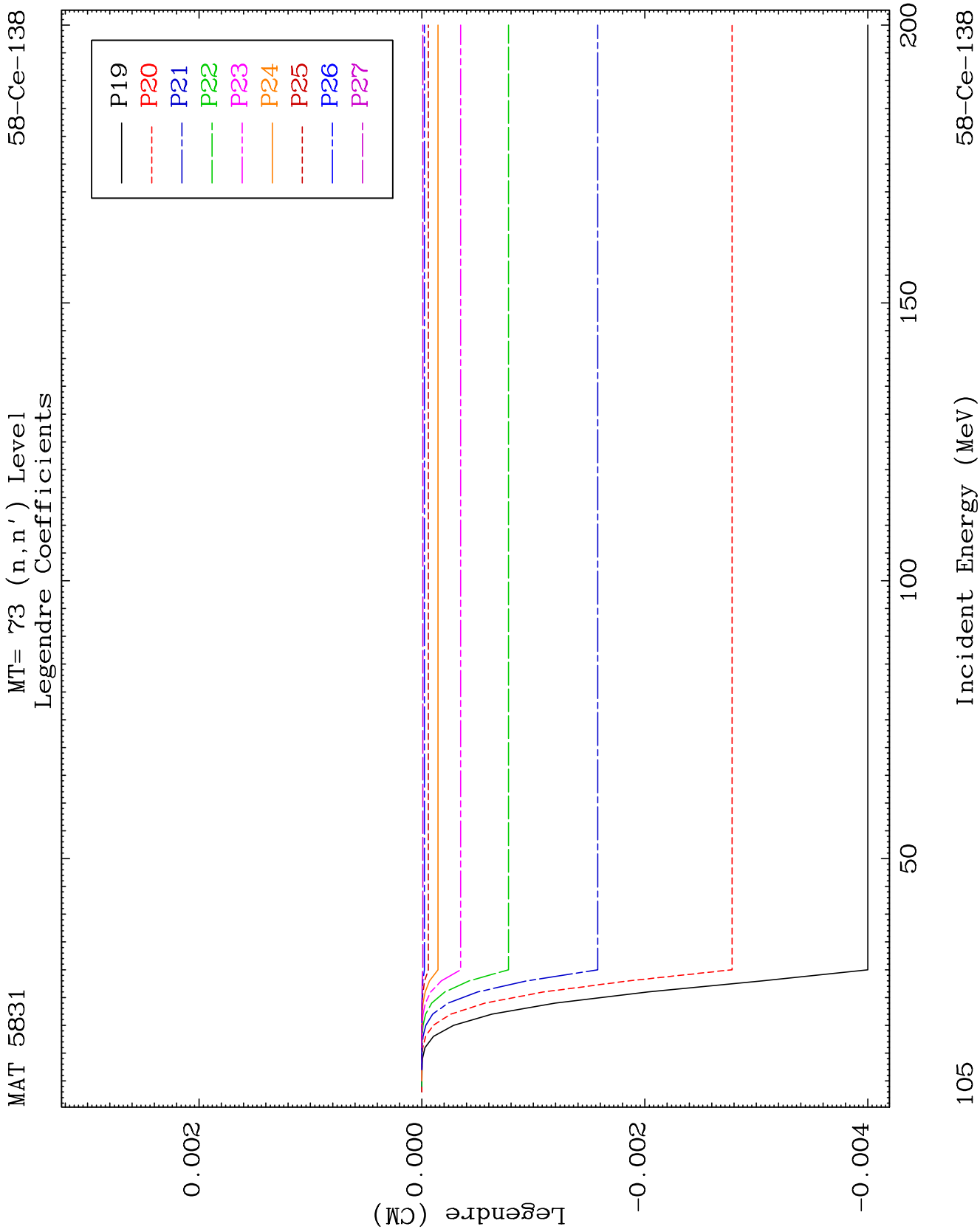
58-Ce-138



104

Incident Energy (MeV)

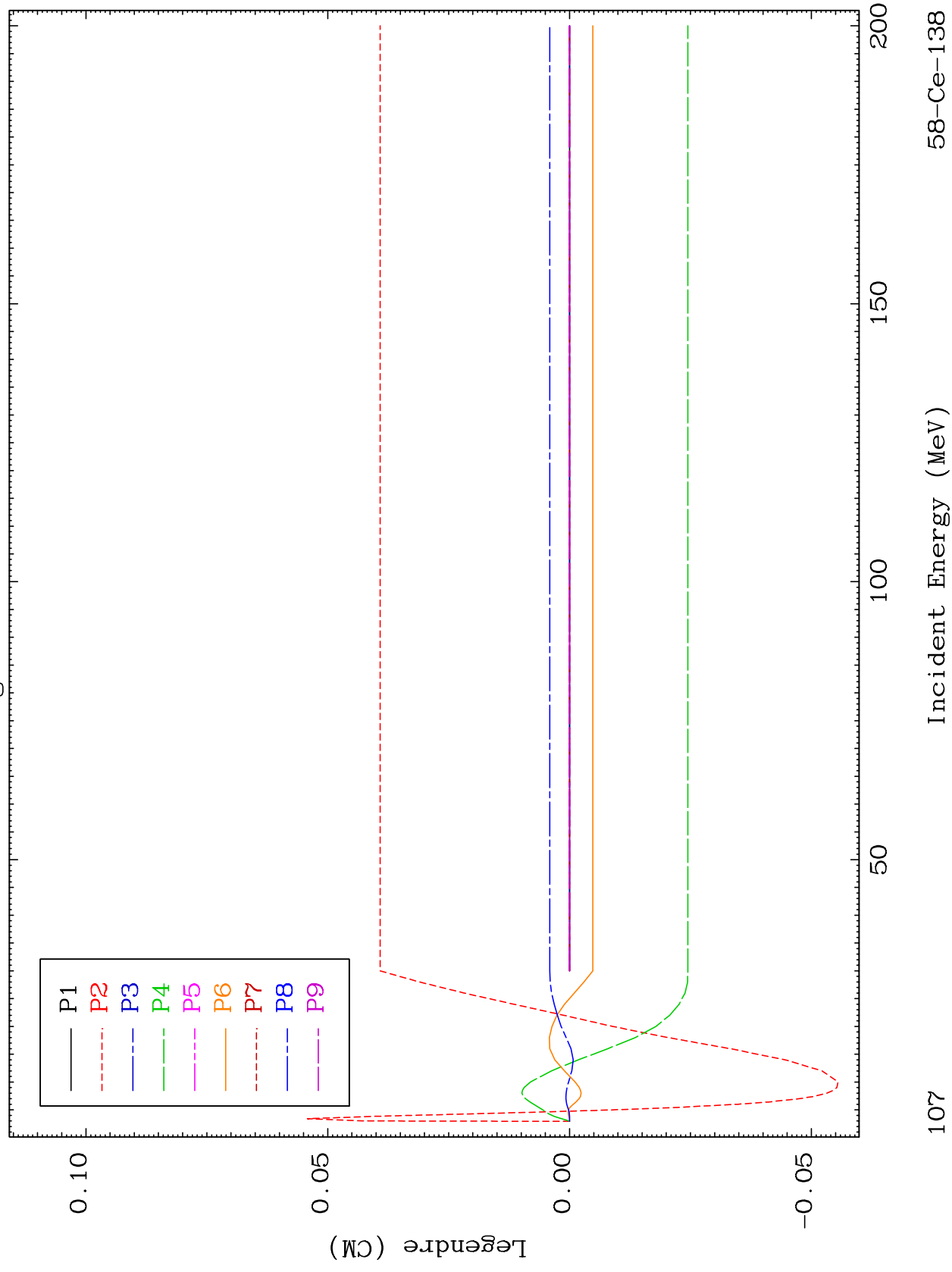
58-Ce-138



MAT 5831

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

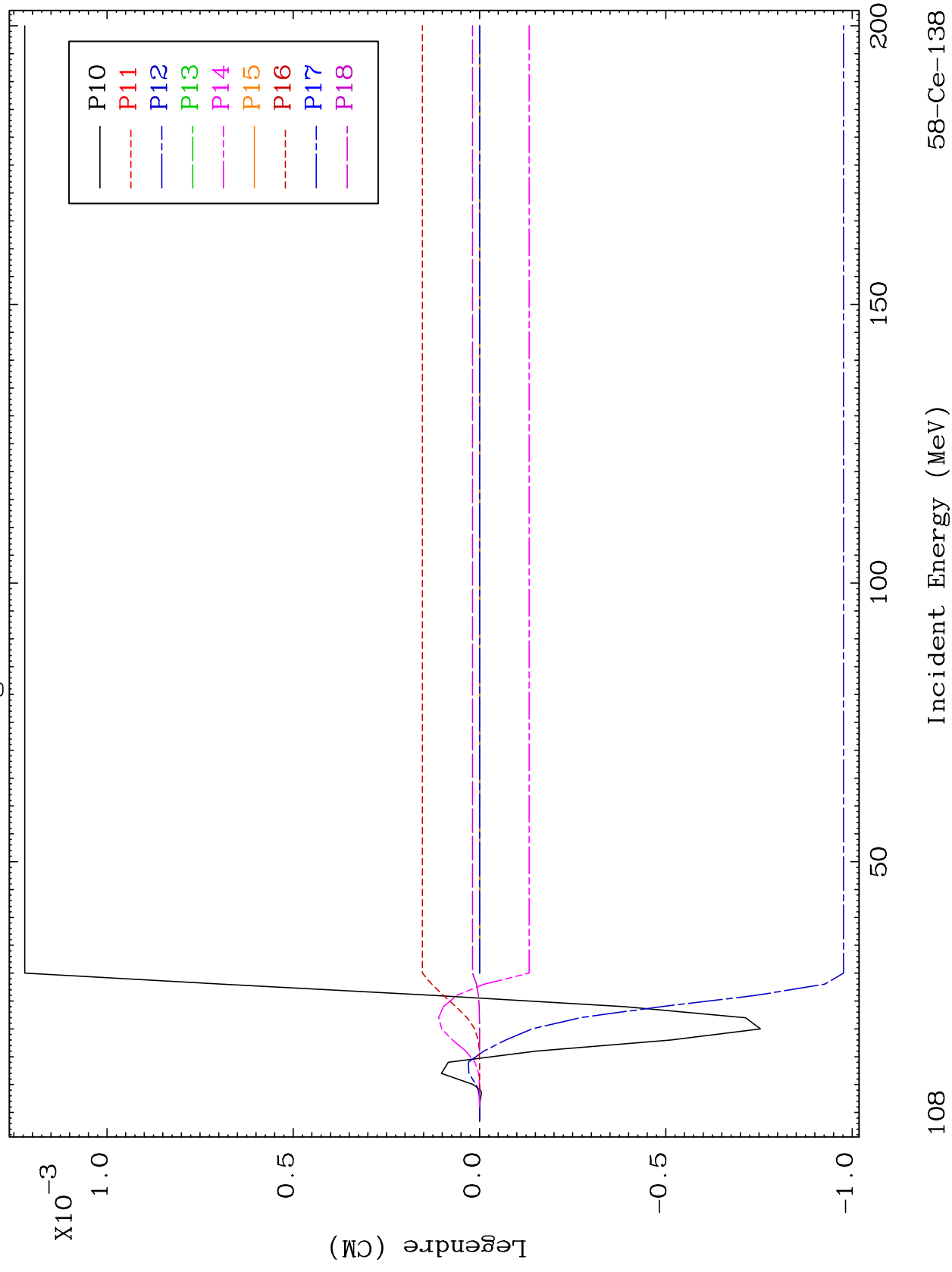
58-Ce-138

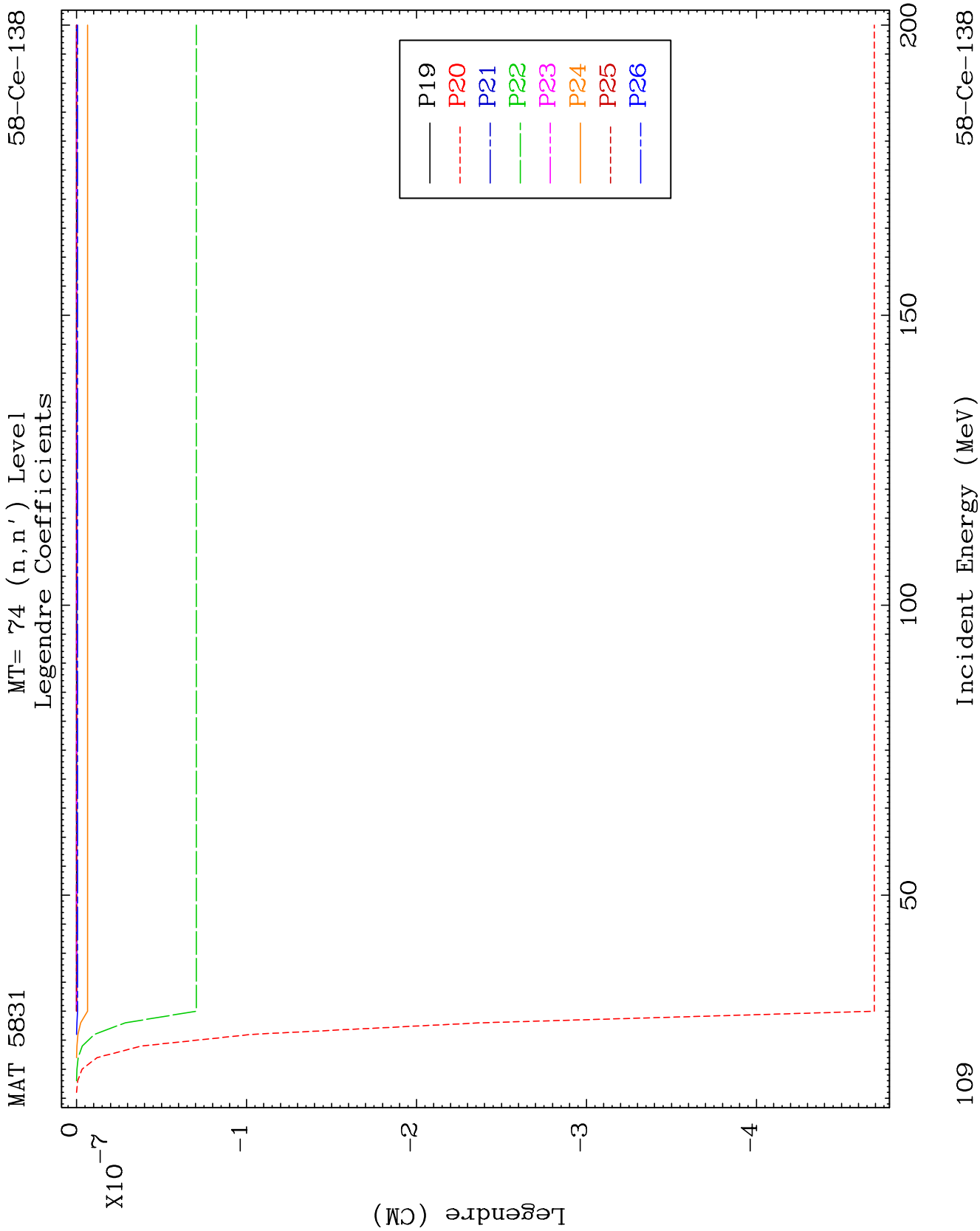


MAT 5831

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

58-Ce-138

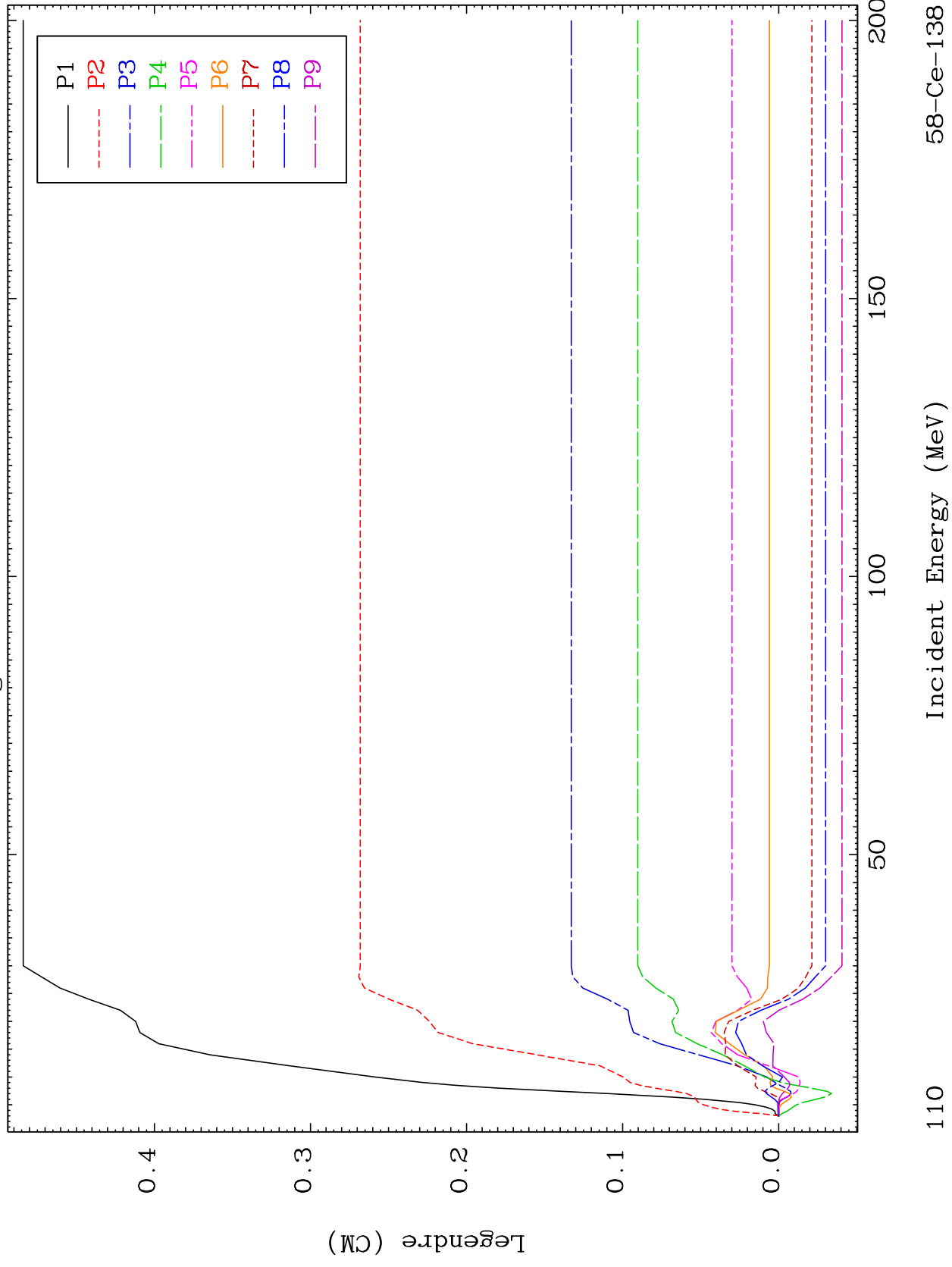


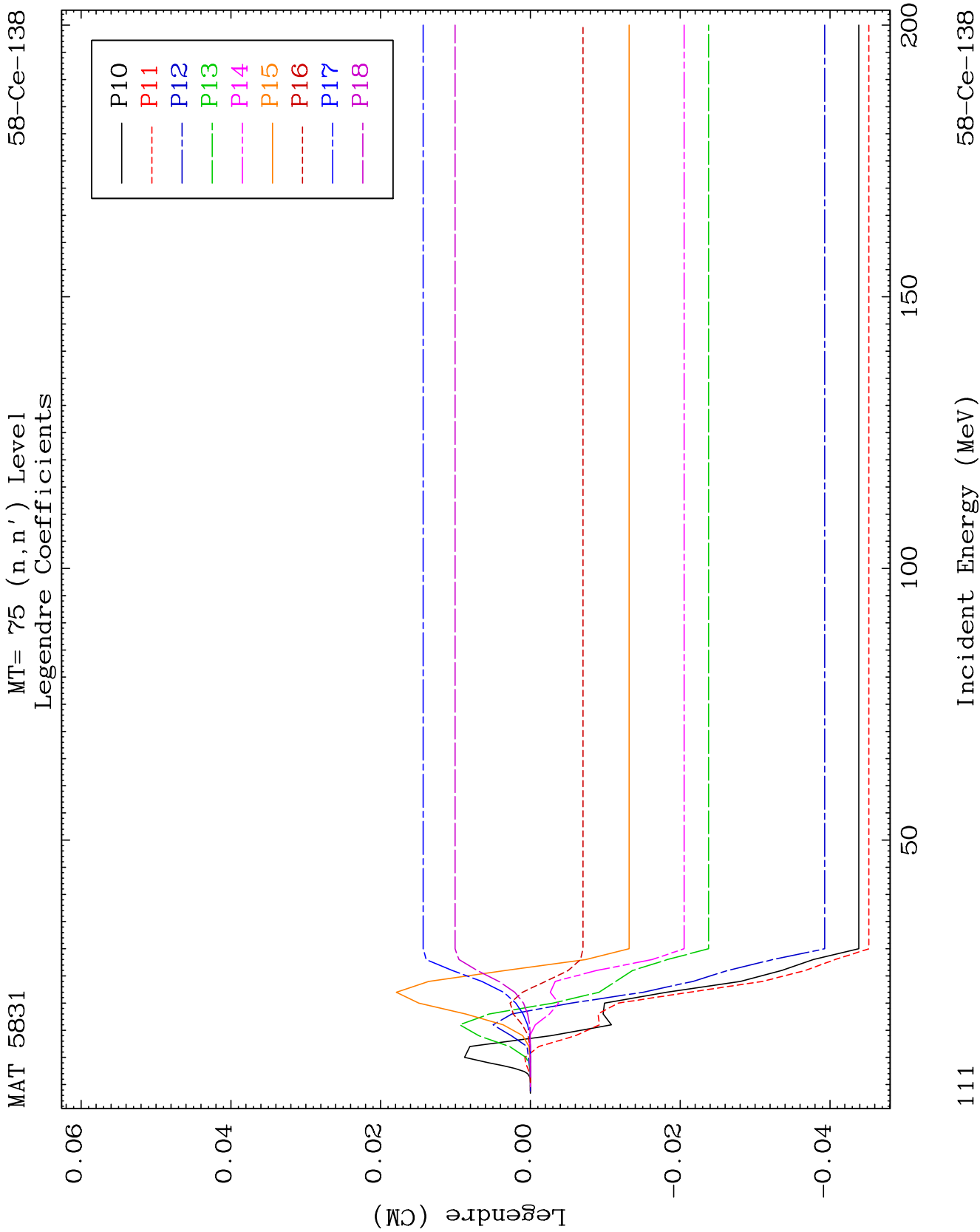


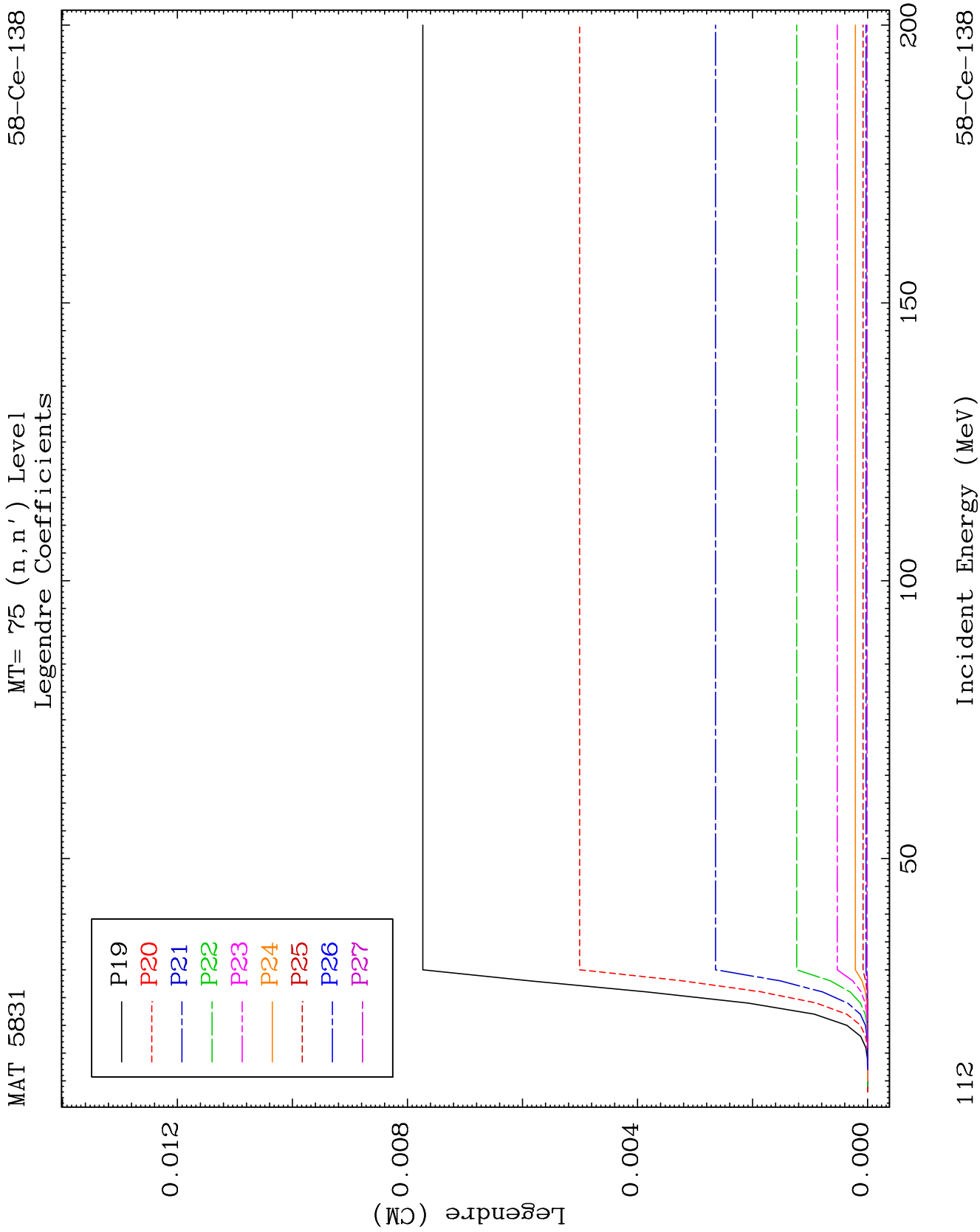
MAT 5831

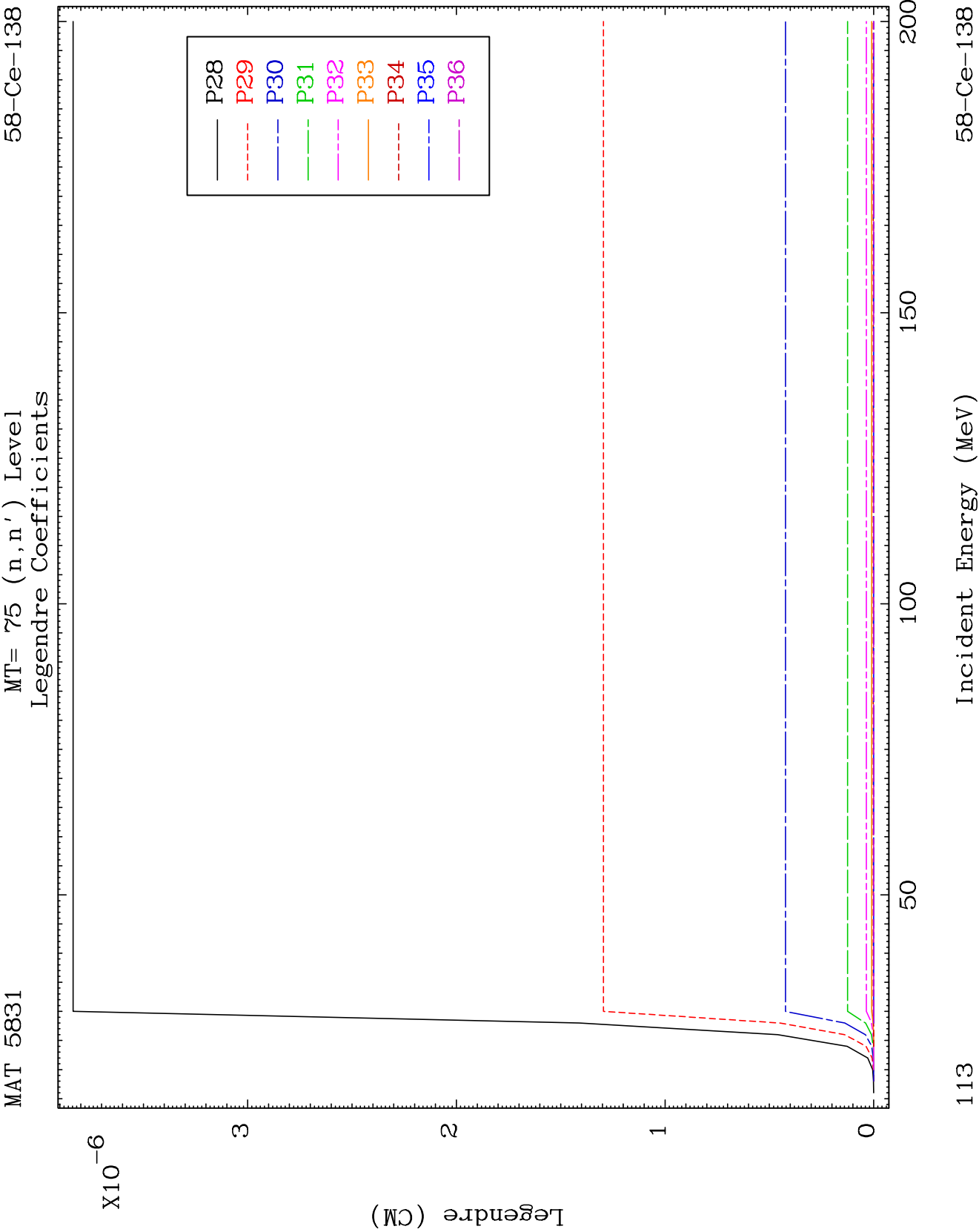
MT= 75 (n, n') Level
Legendre Coefficients

58-Ce-138





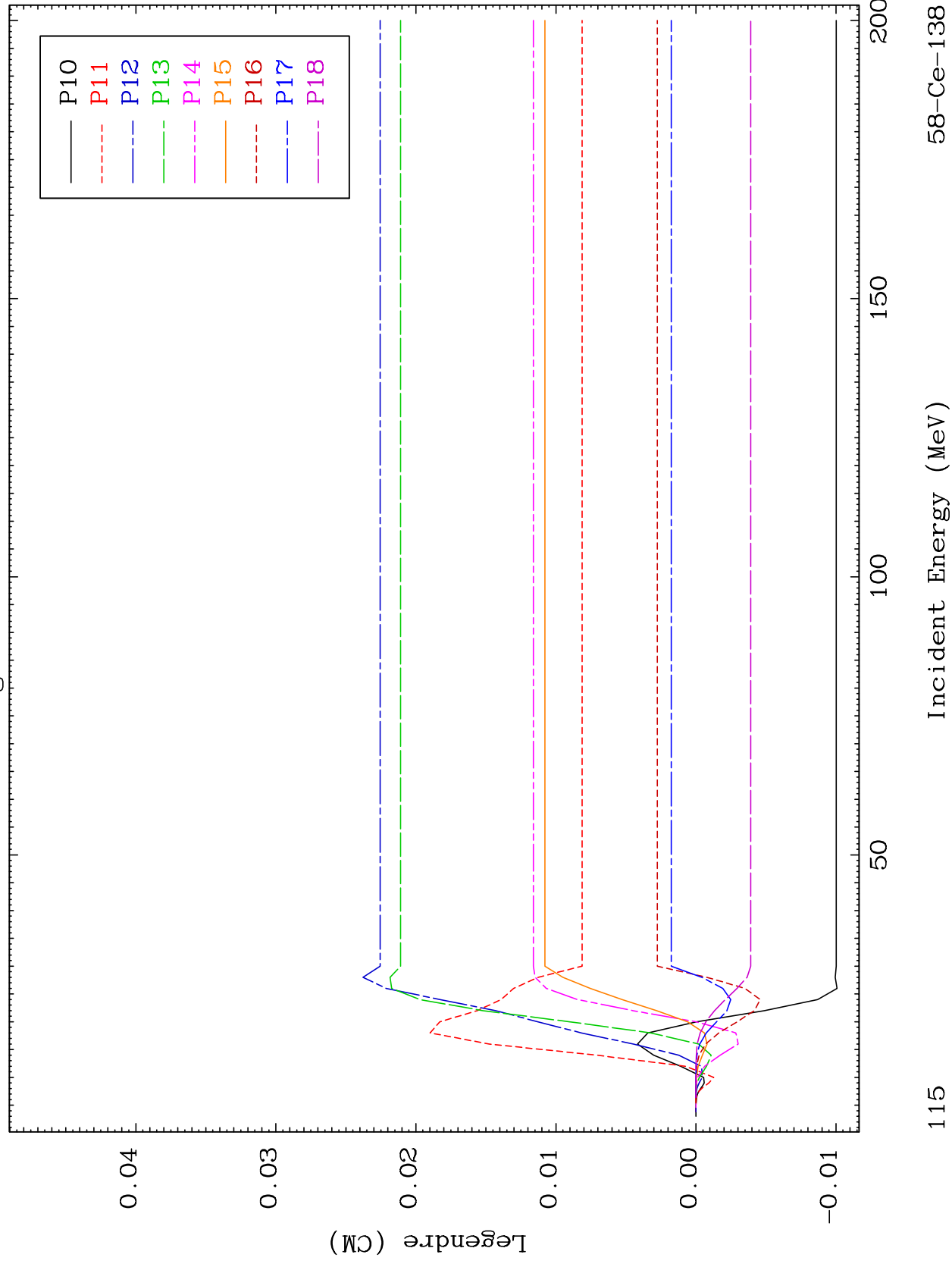


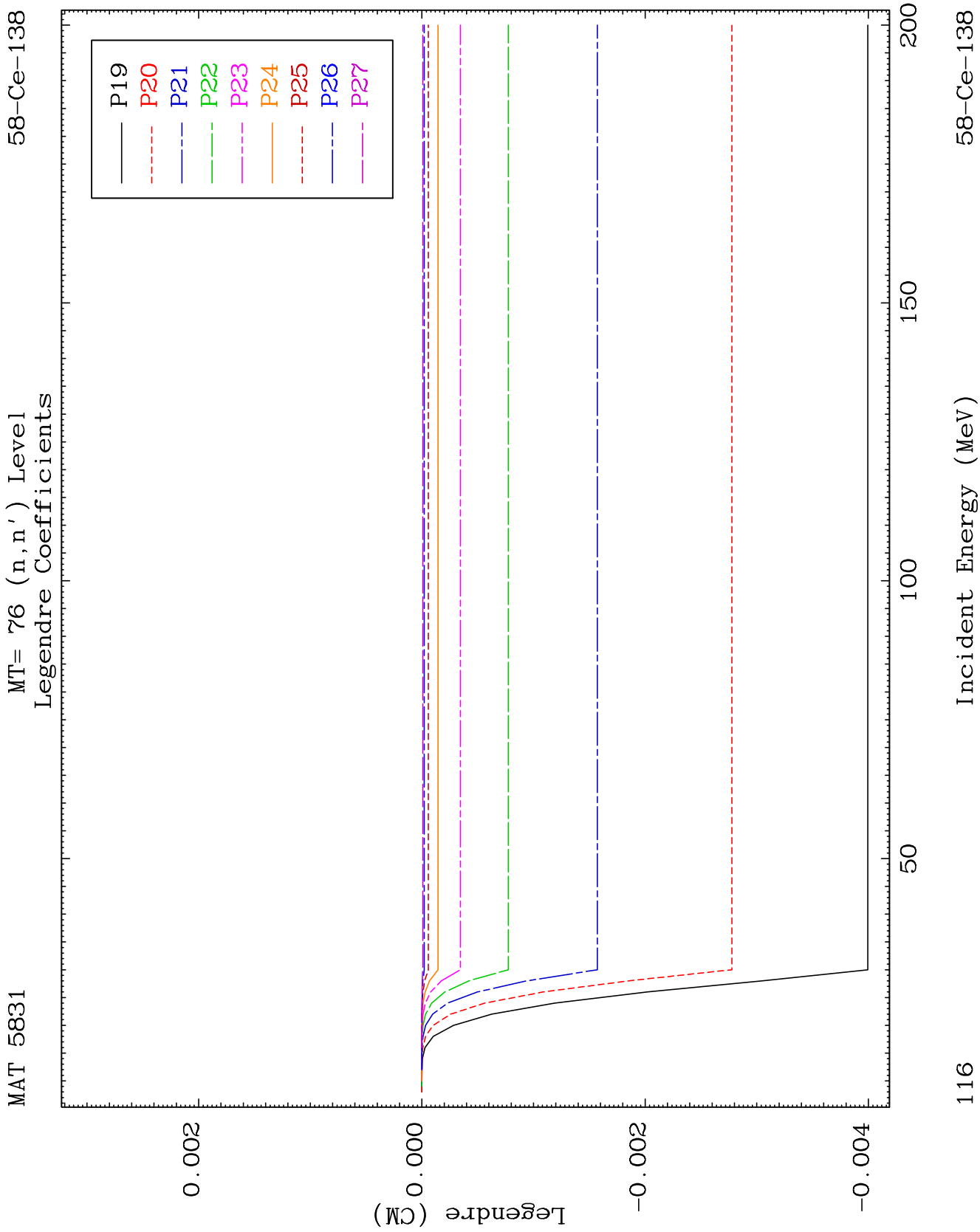


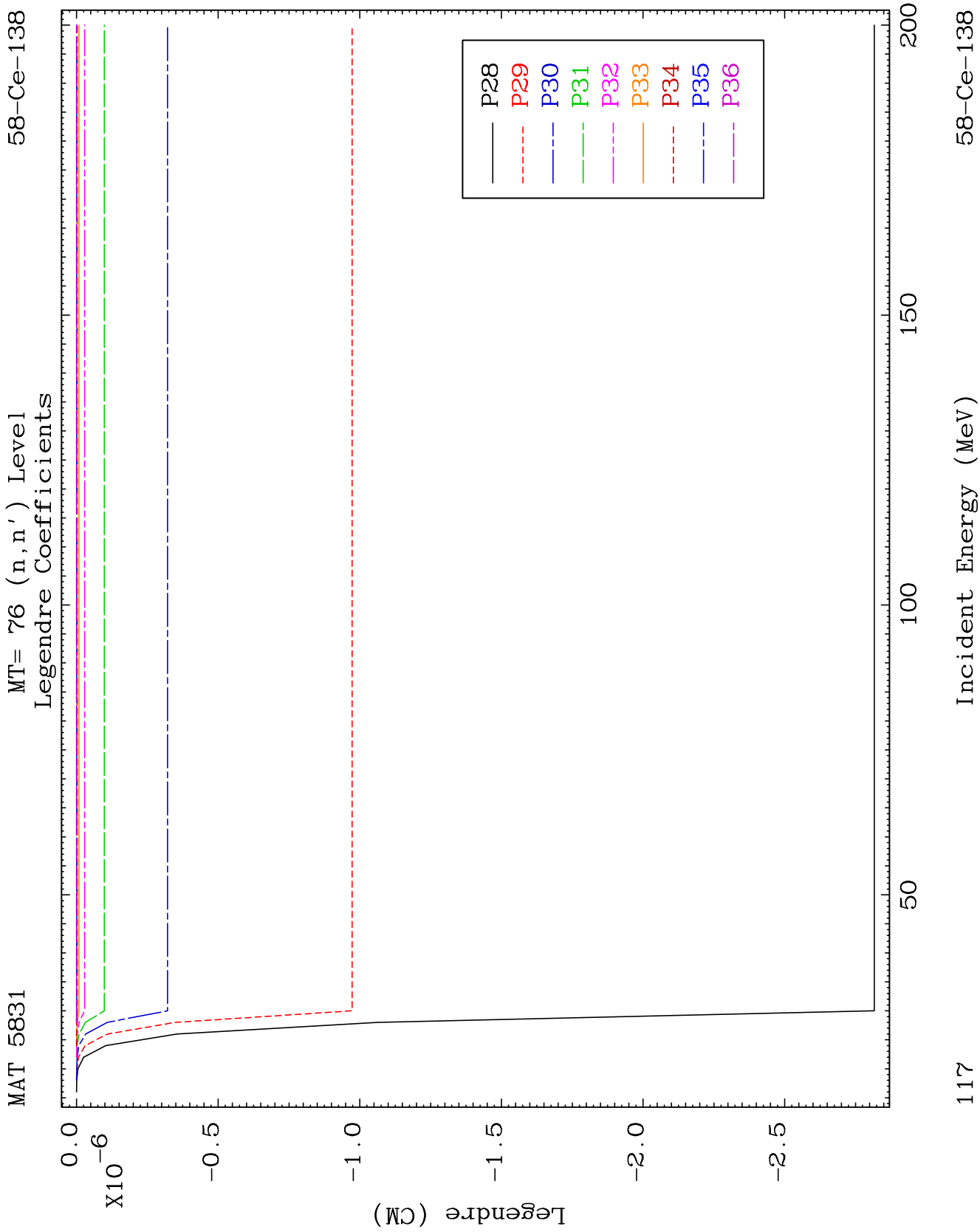
MAT 5831

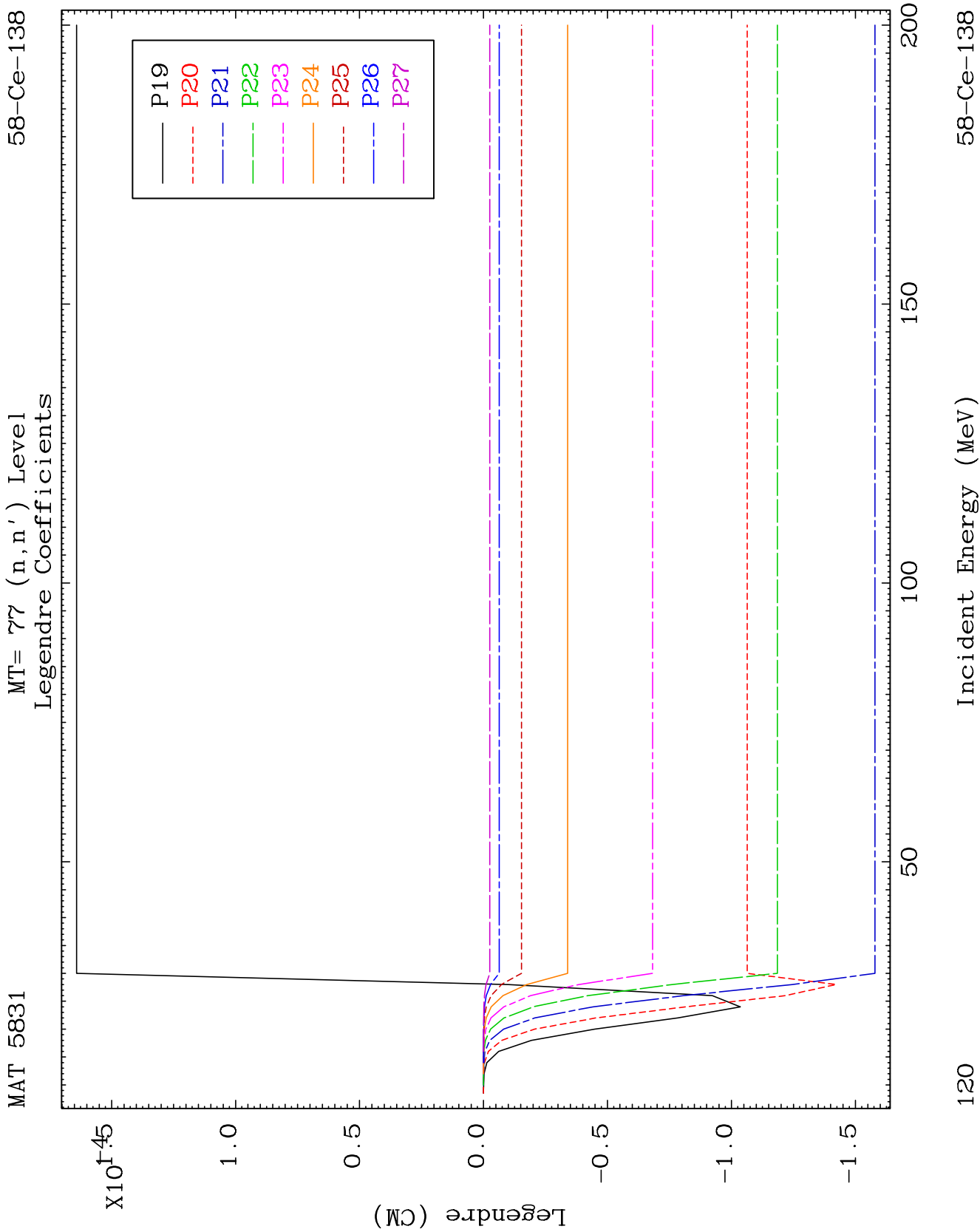
MT= 76 (n, n') Level
Legendre Coefficients

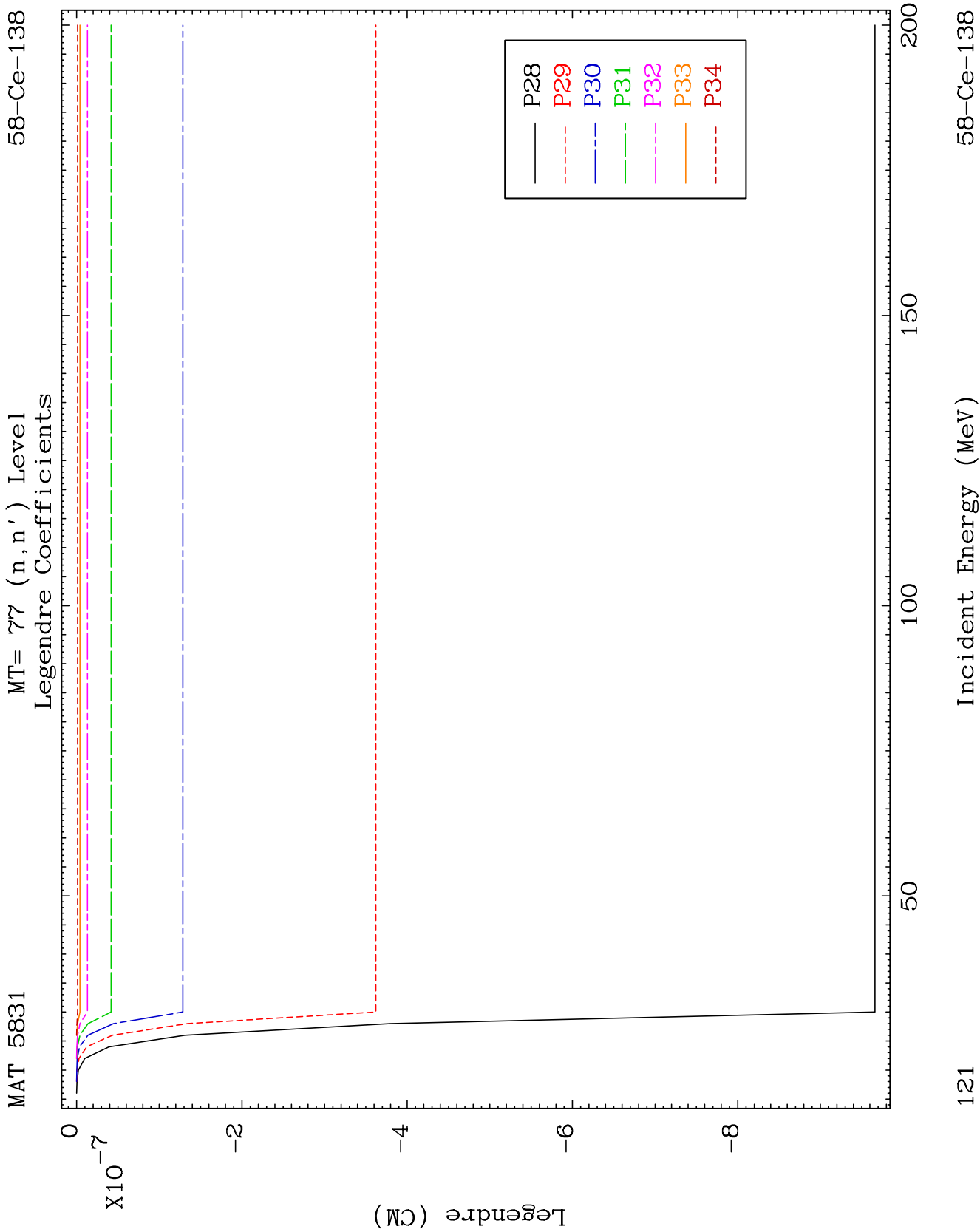
58-Ce-138

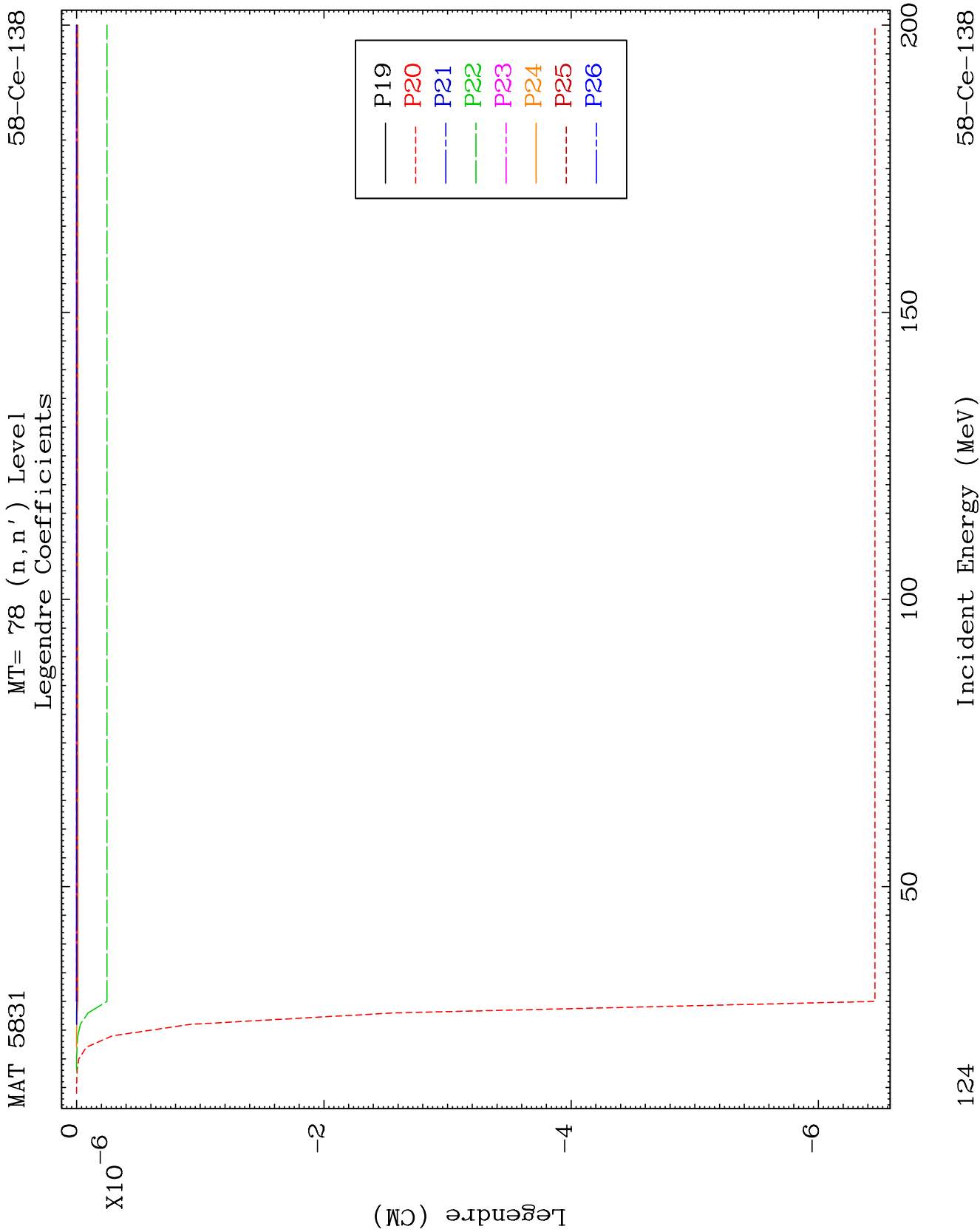


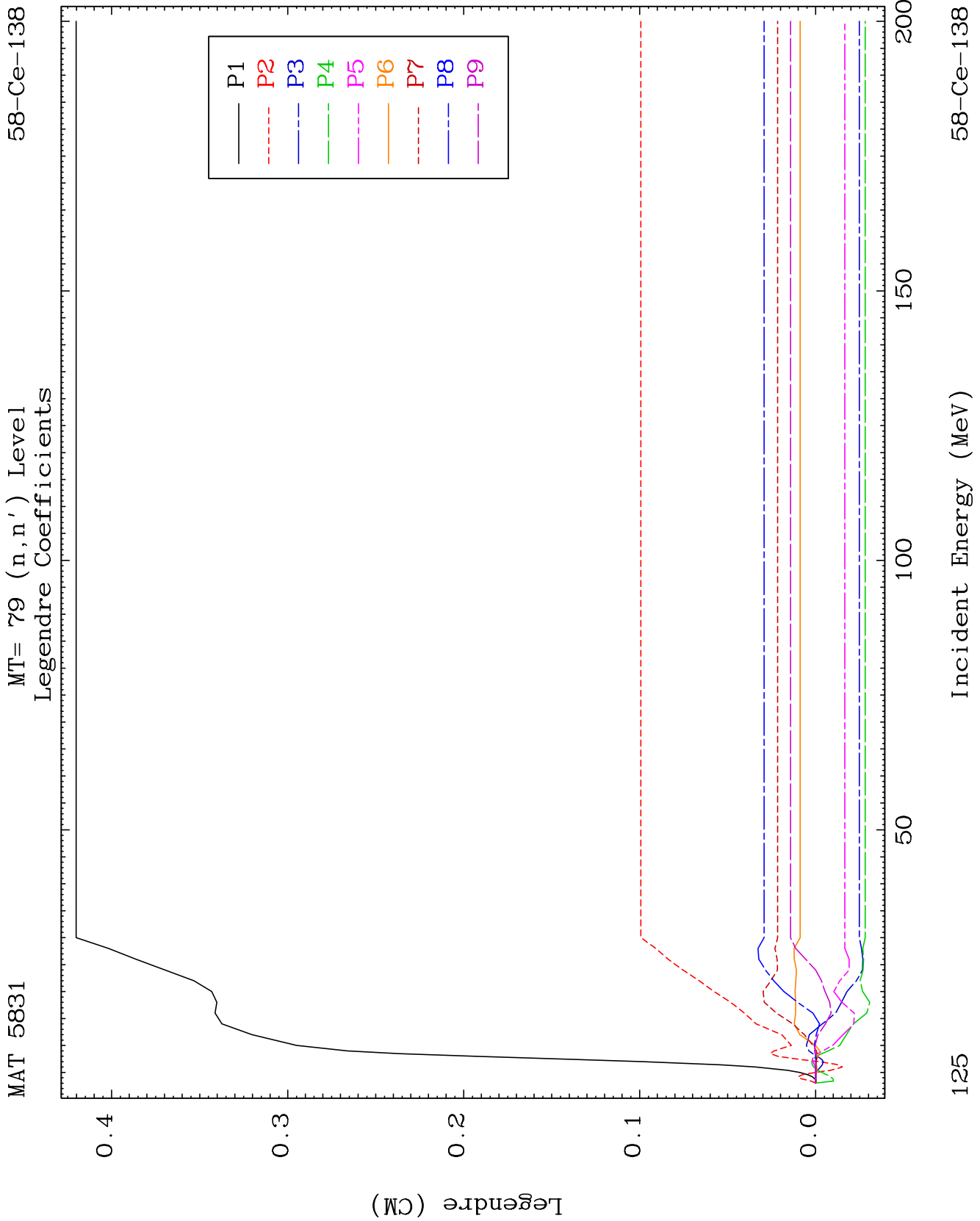


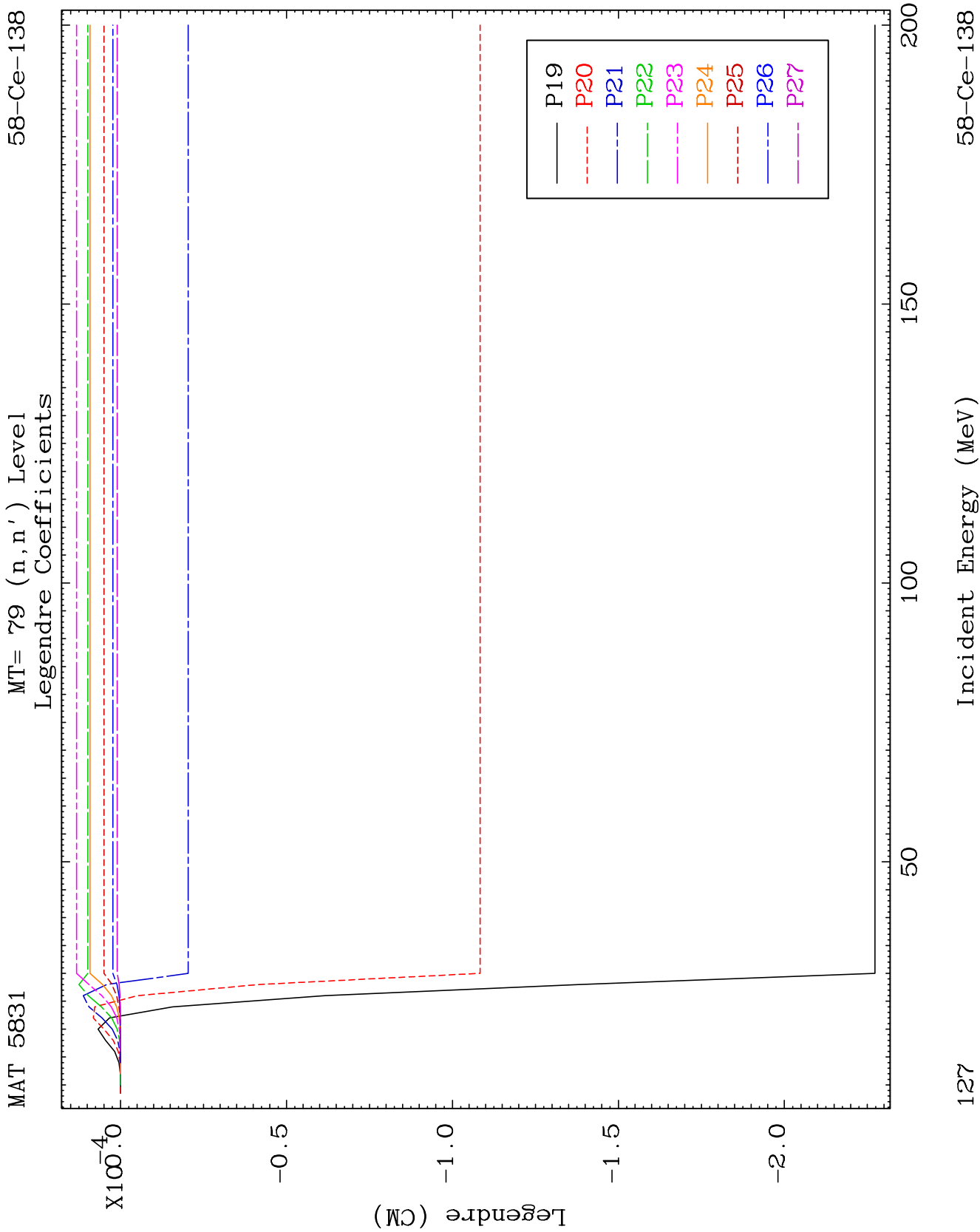


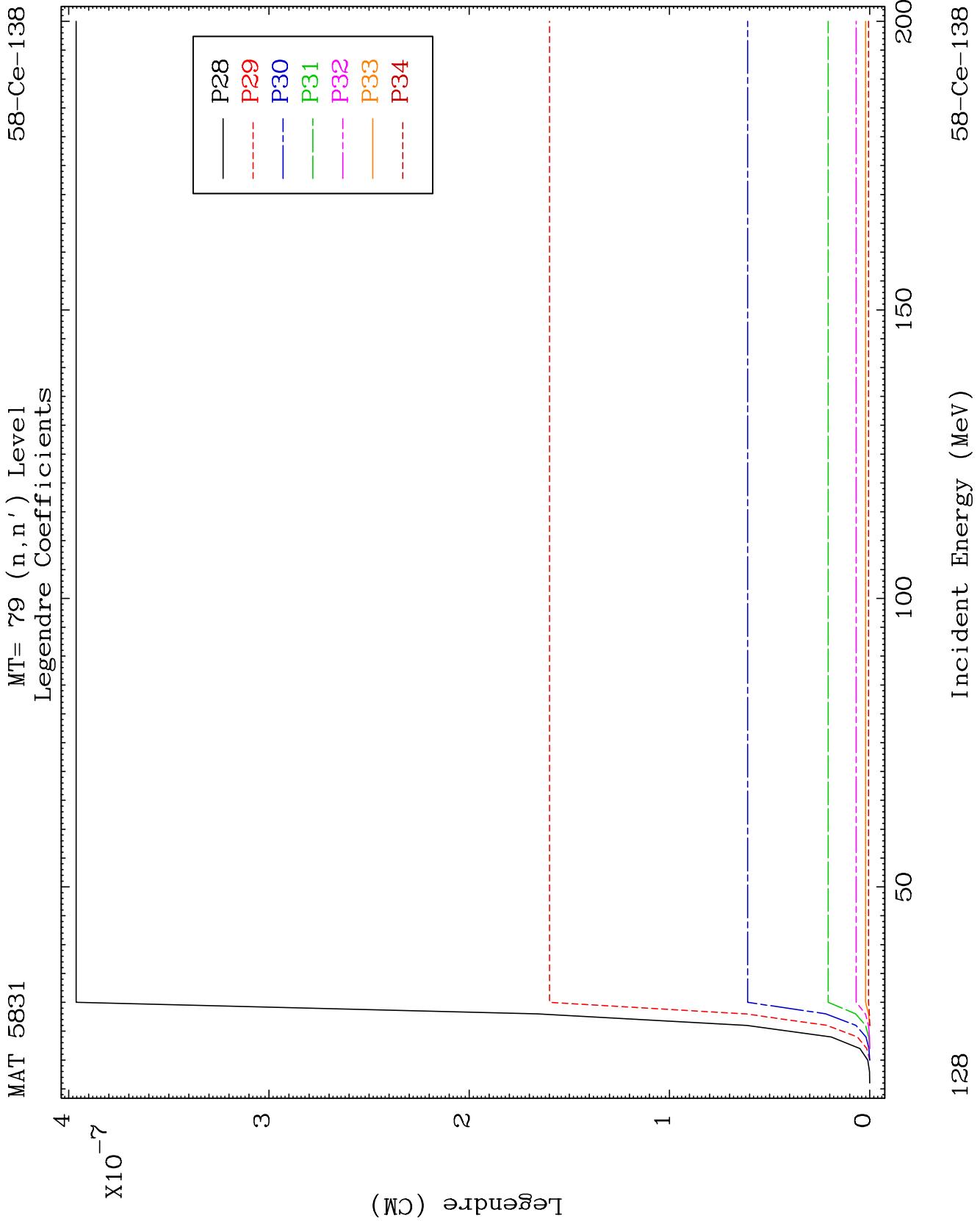








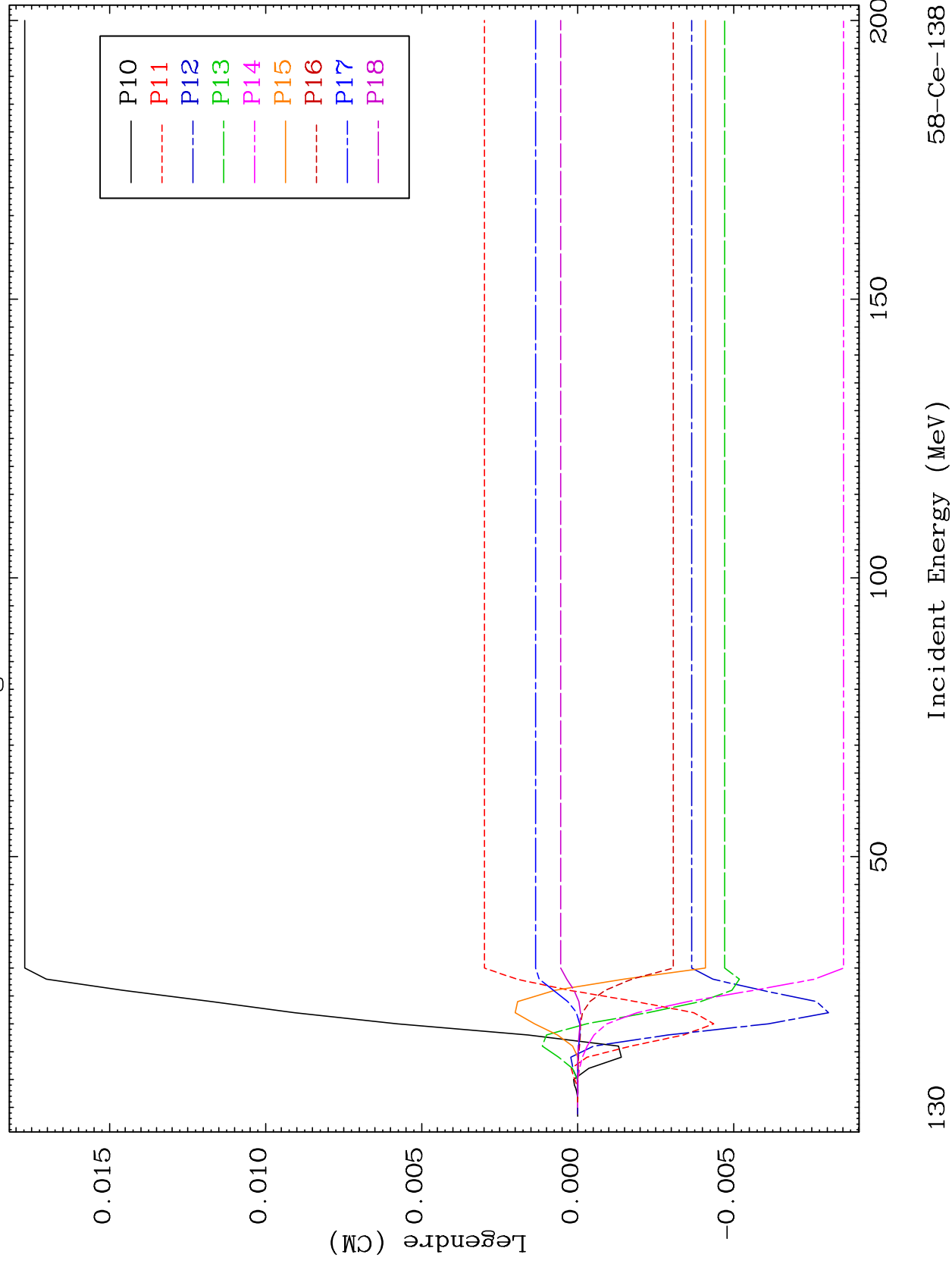




MAT 5831

MT= 80 (n, n') Level
Legendre Coefficients

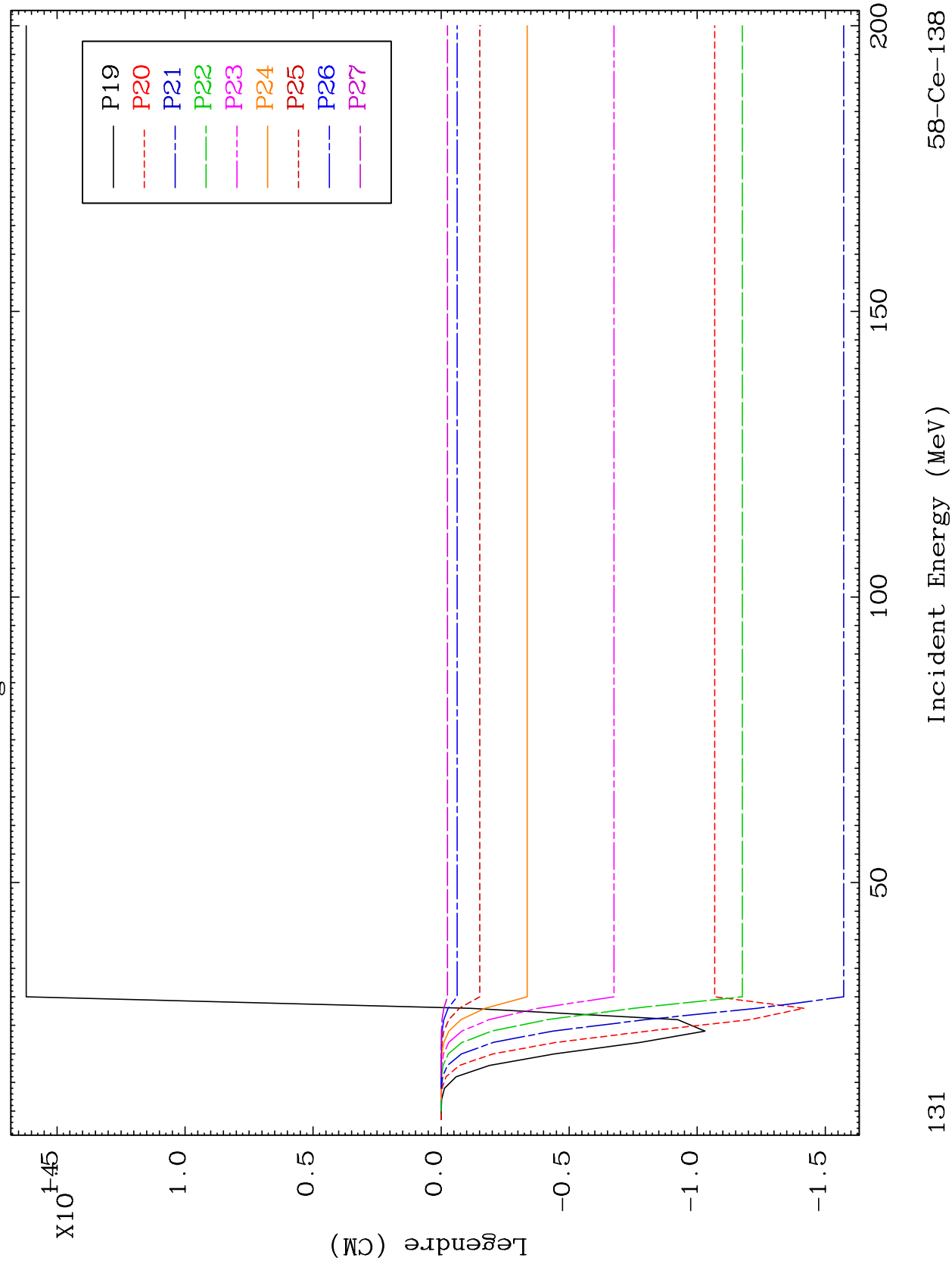
58-Ce-138



MAT 5831

MT= 80 (n, n') Level
Legendre Coefficients

58-Ce-138

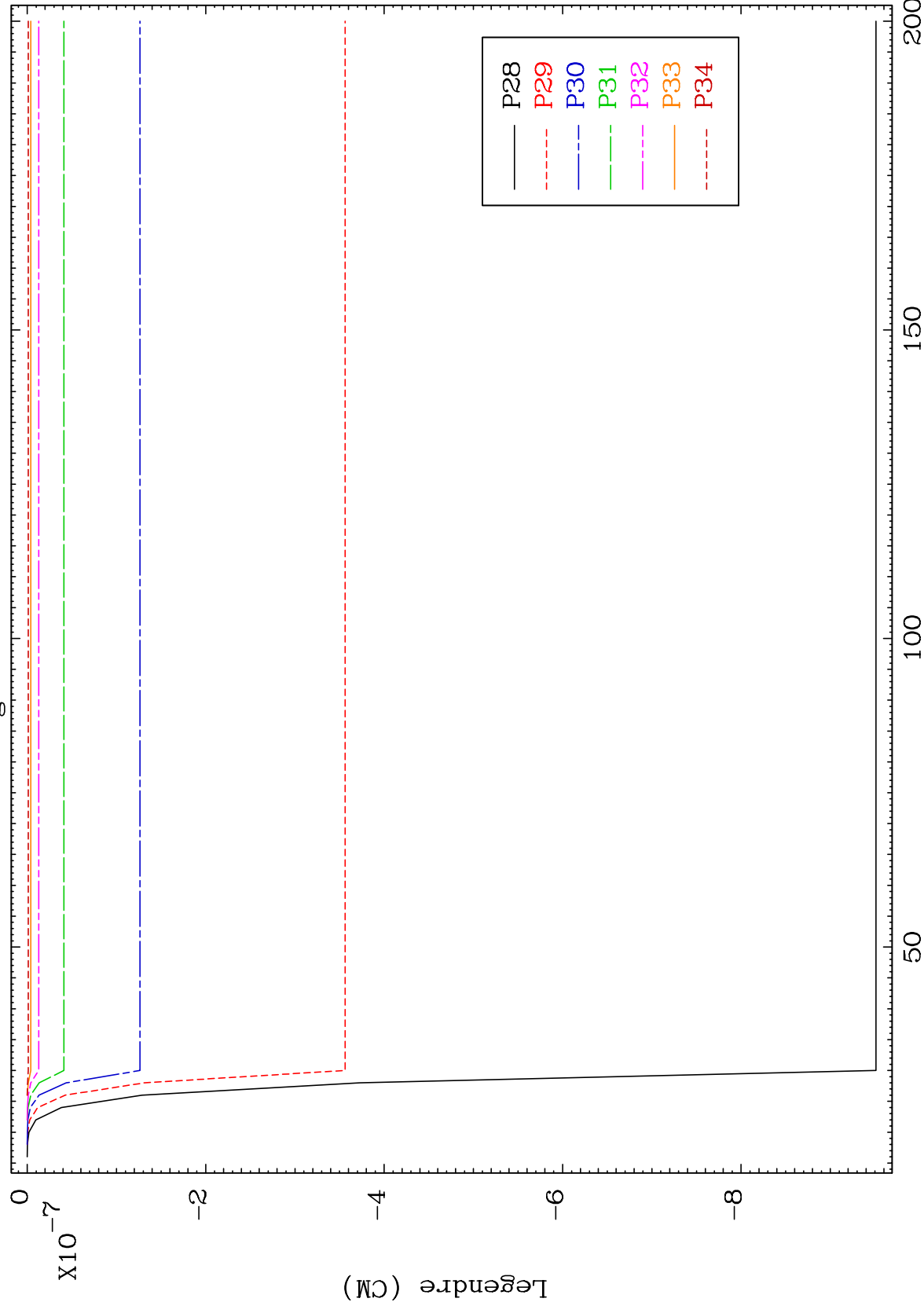


MAT 5831

MT= 80 (n, n') Level

58-Ce-138

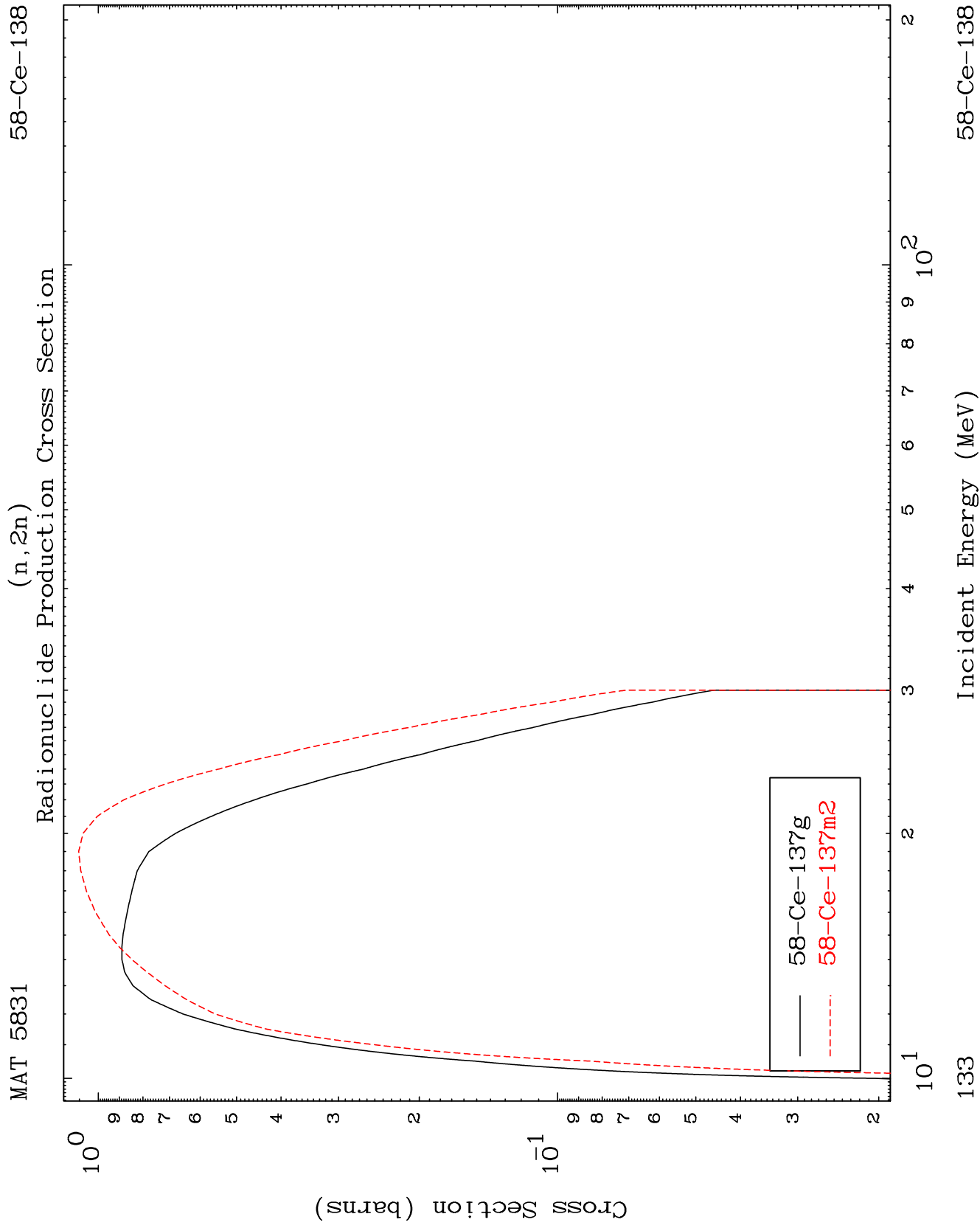
Legendre Coefficients

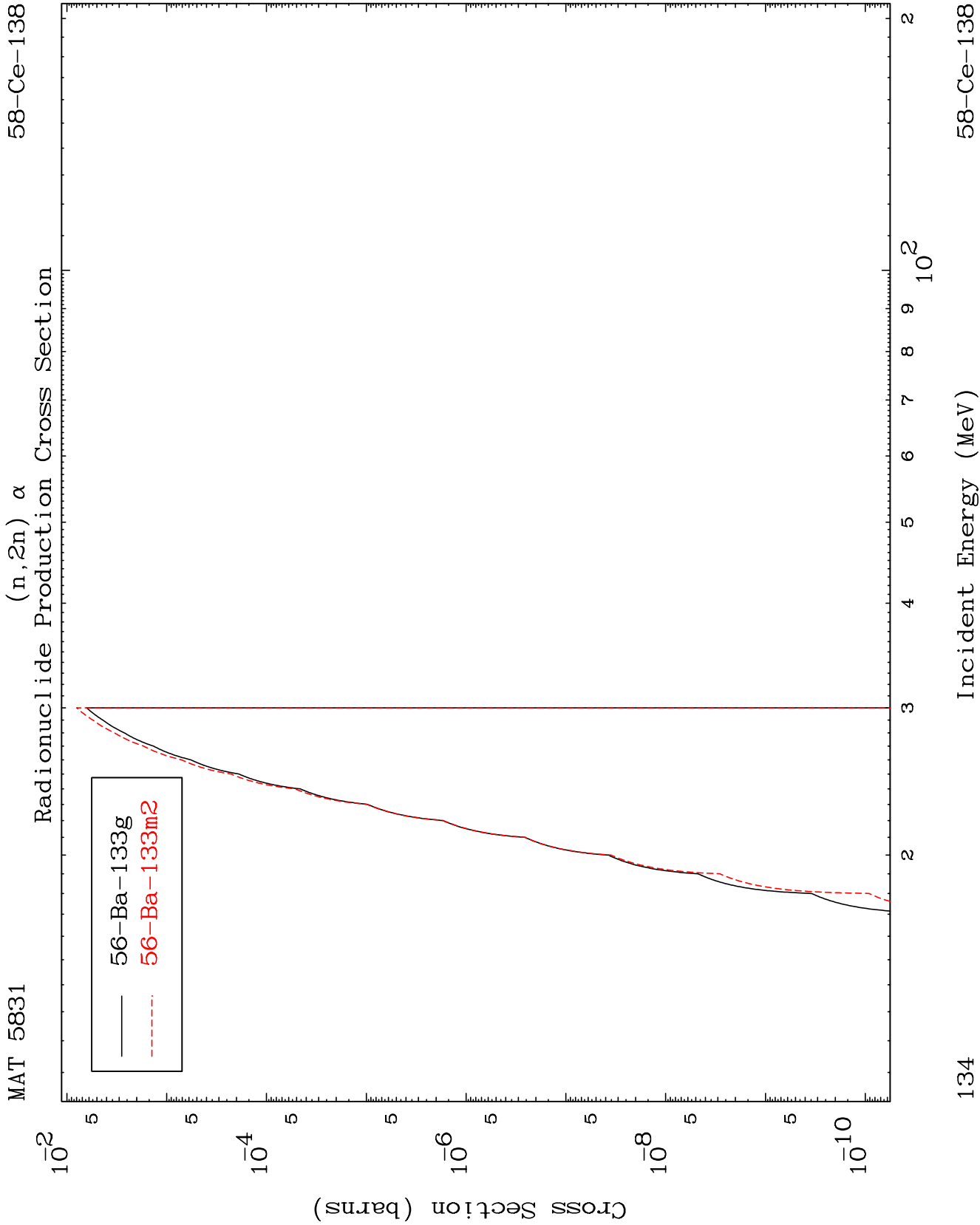


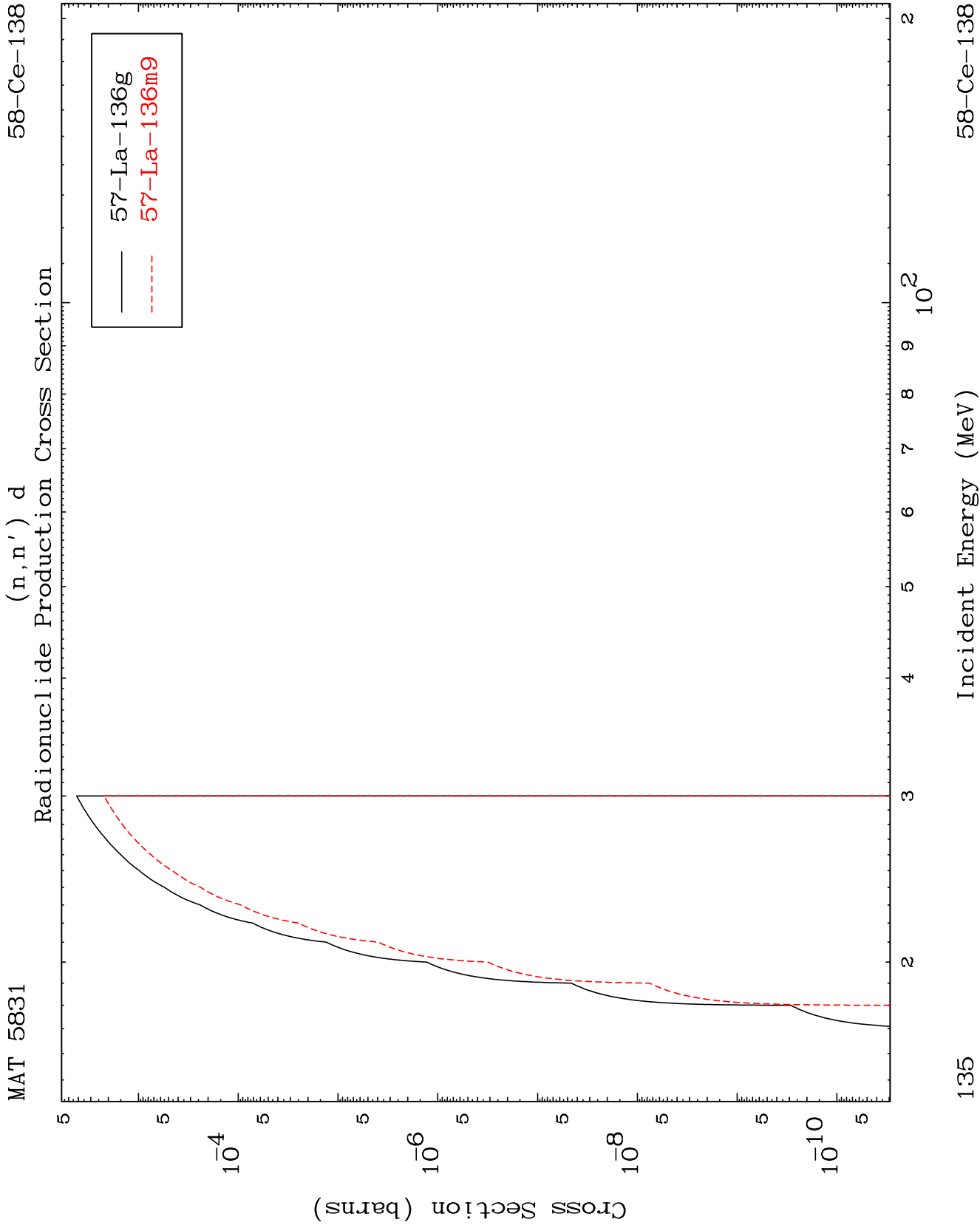
132

Incident Energy (MeV)

58-Ce-138





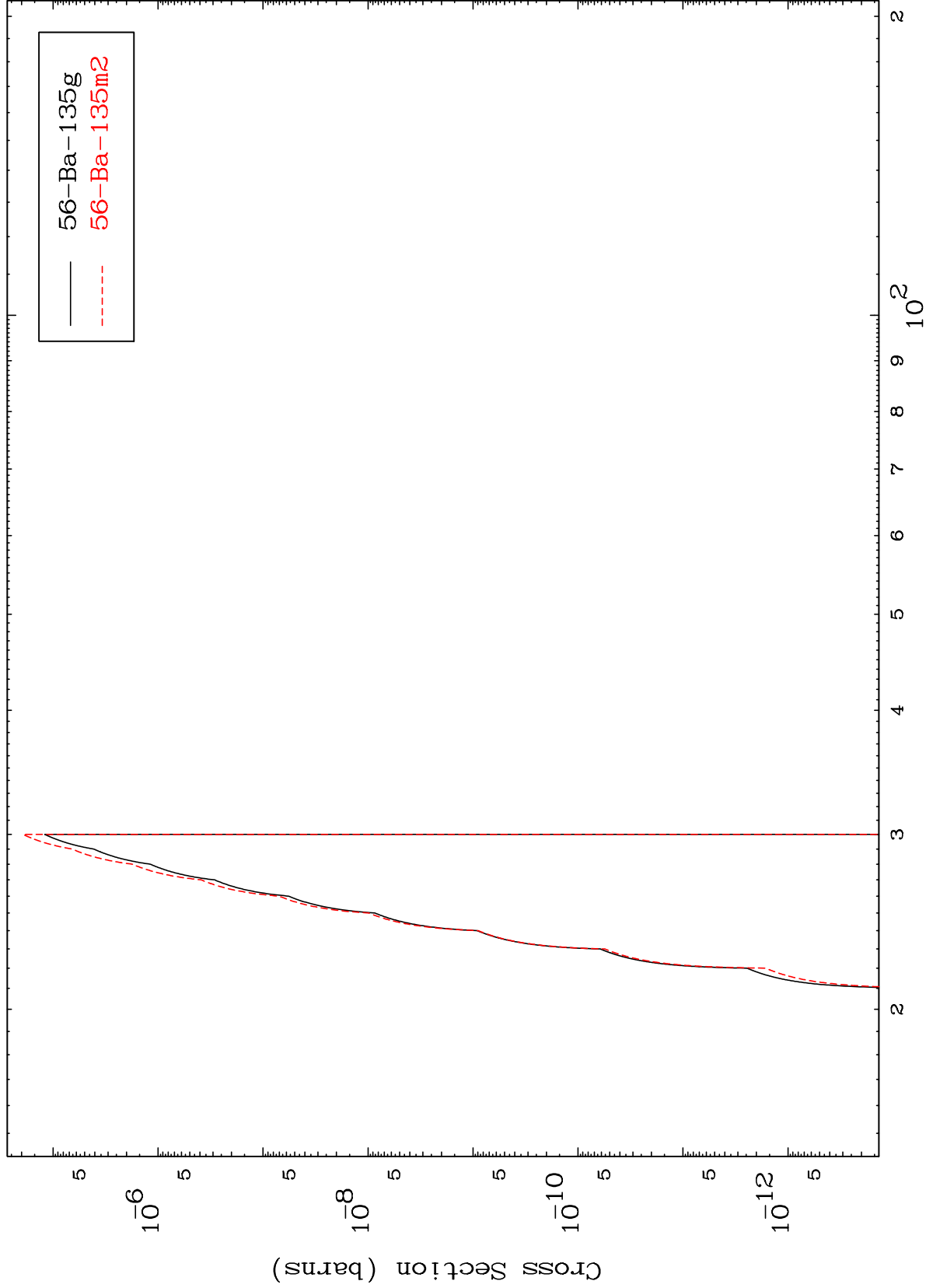


MAT 5831

(n,n') He-3

58-Ce-138

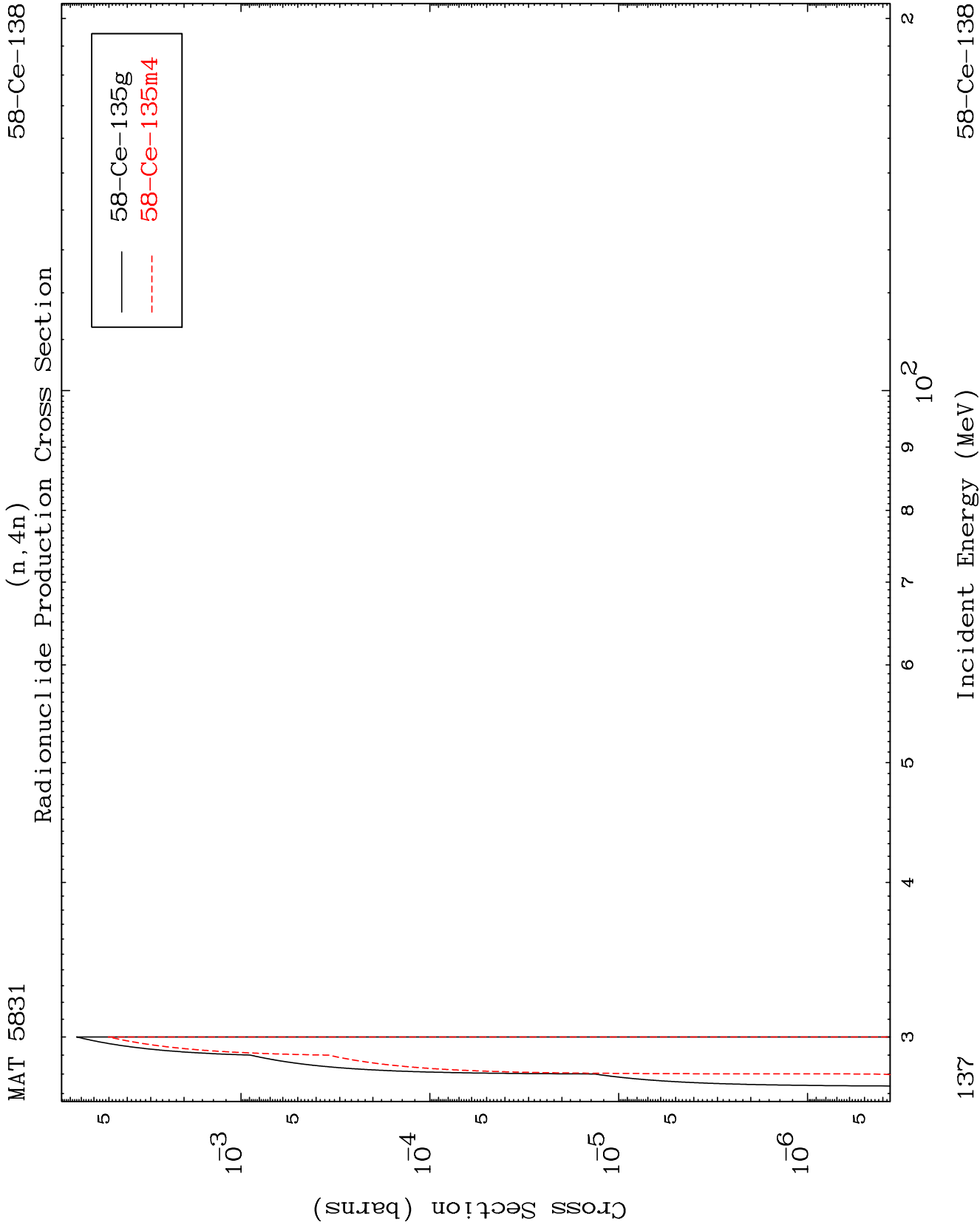
Radionuclide Production Cross Section

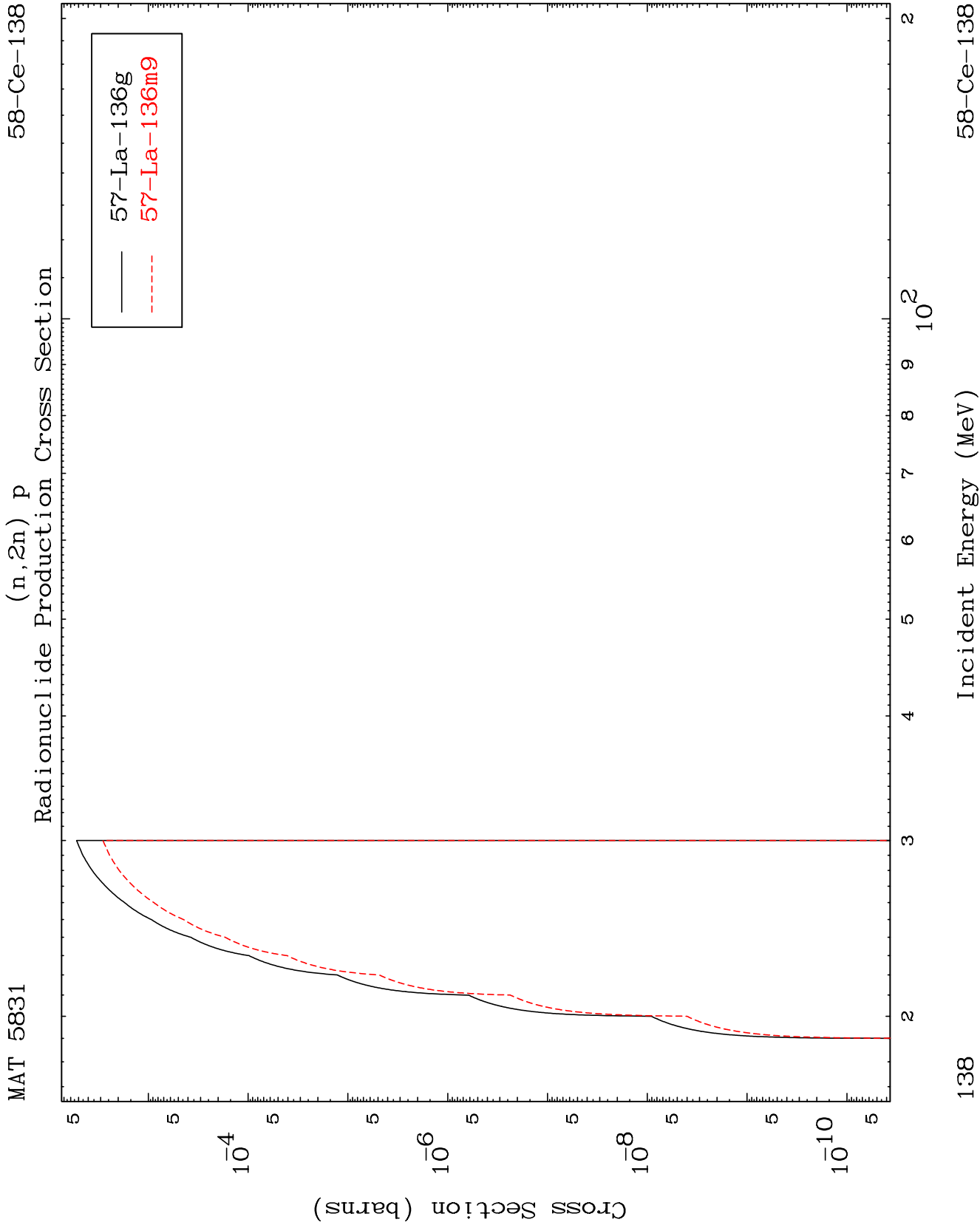


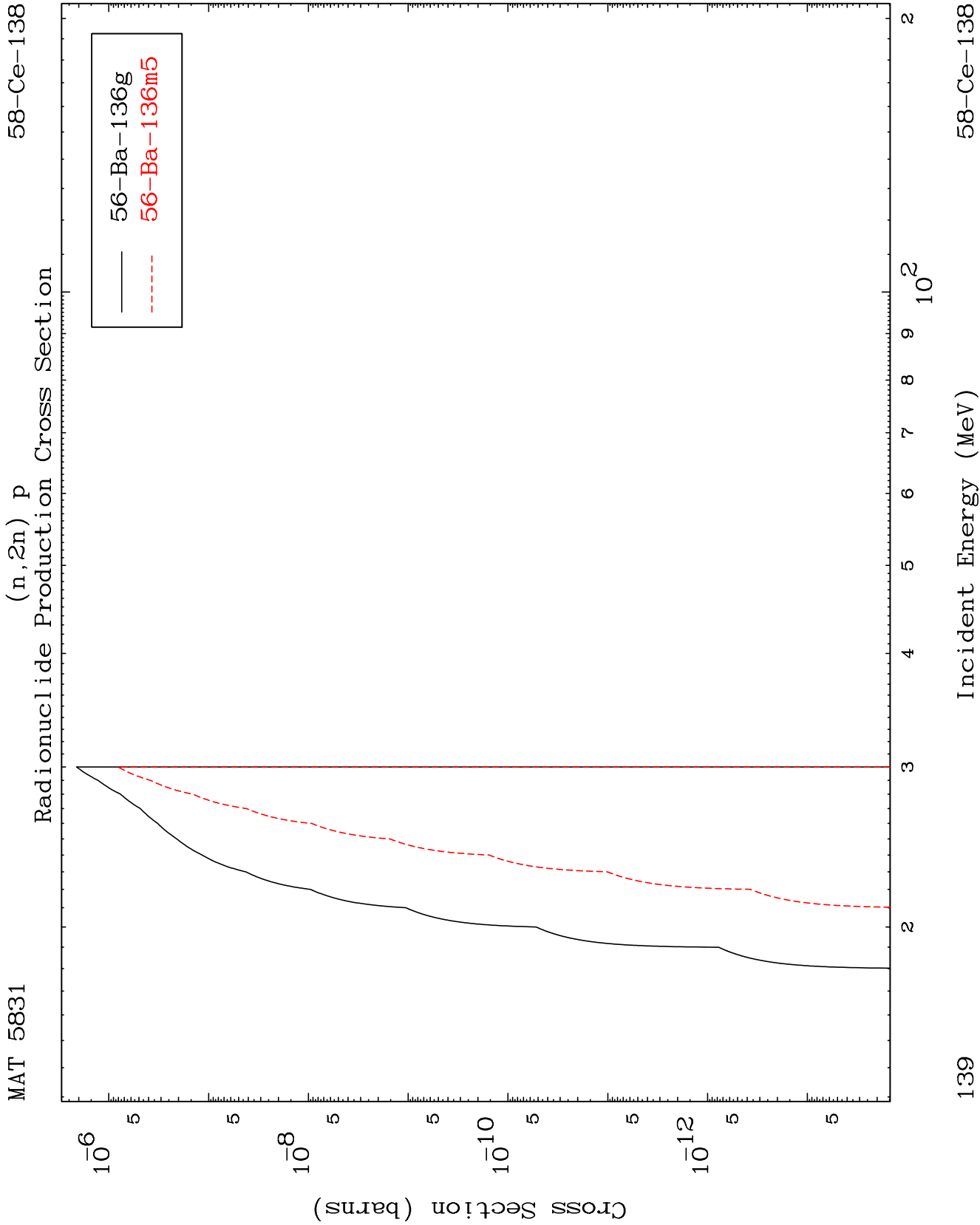
136

Incident Energy (MeV)

58-Ce-138



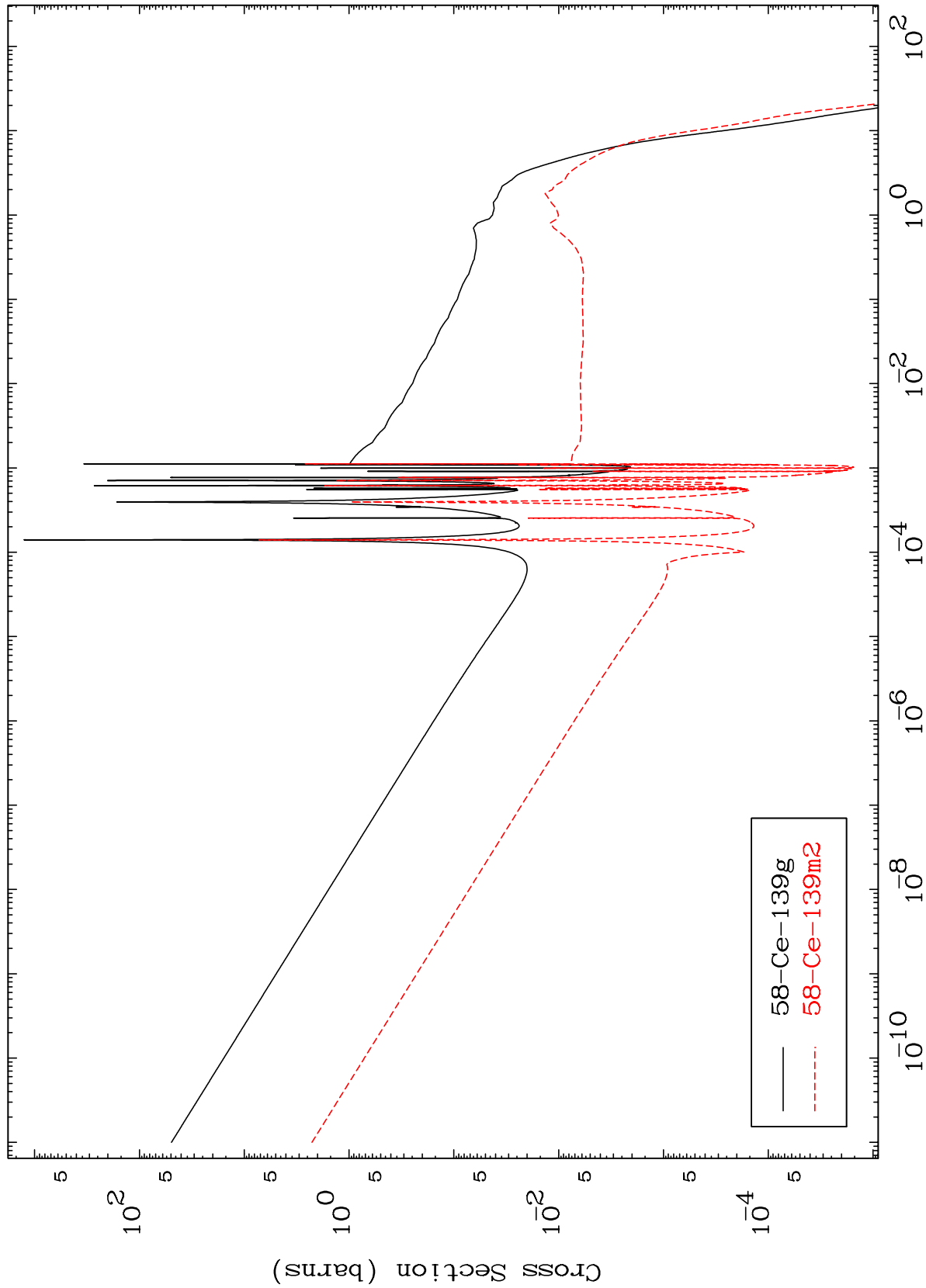




MAT 5831

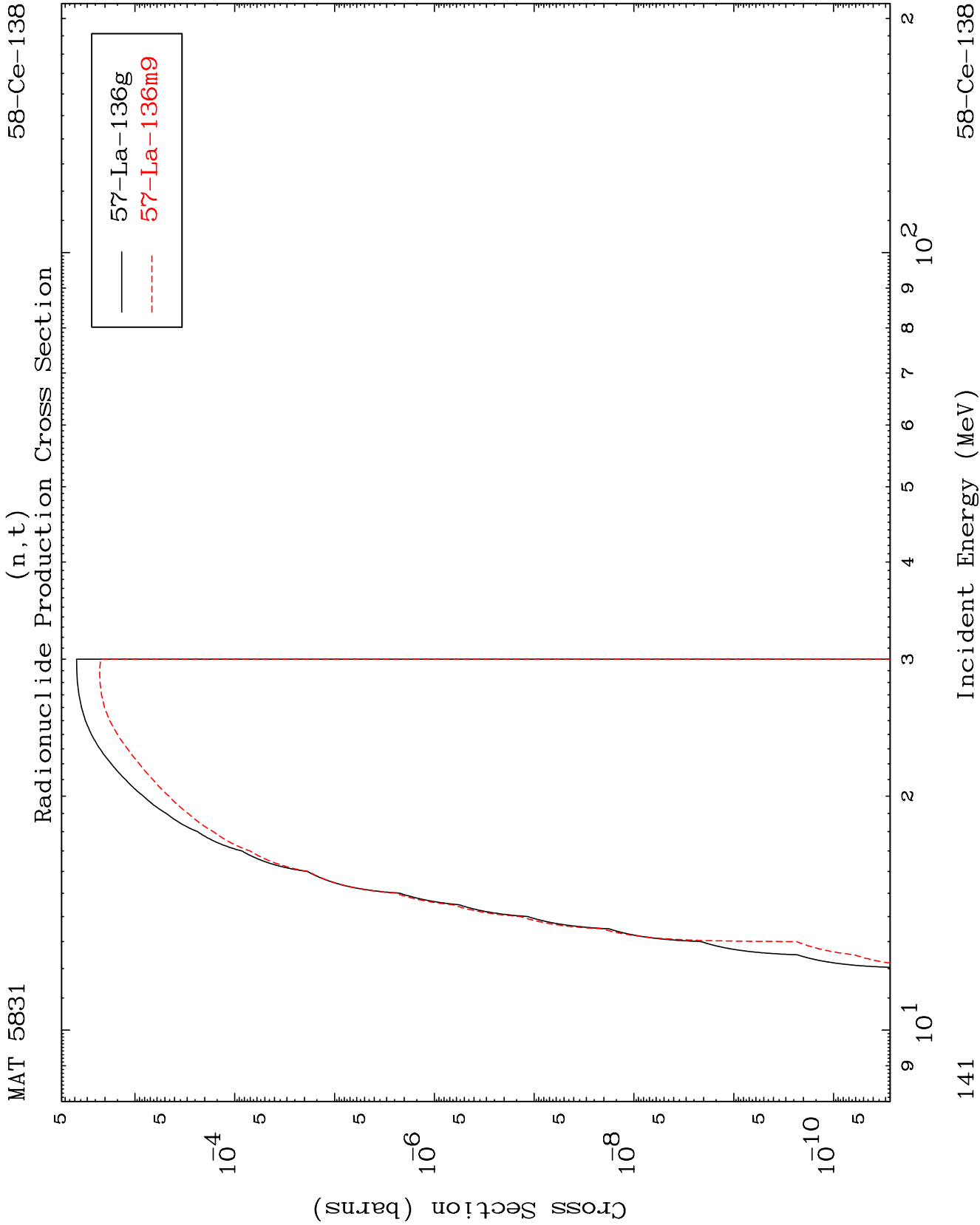
58-Ce-138

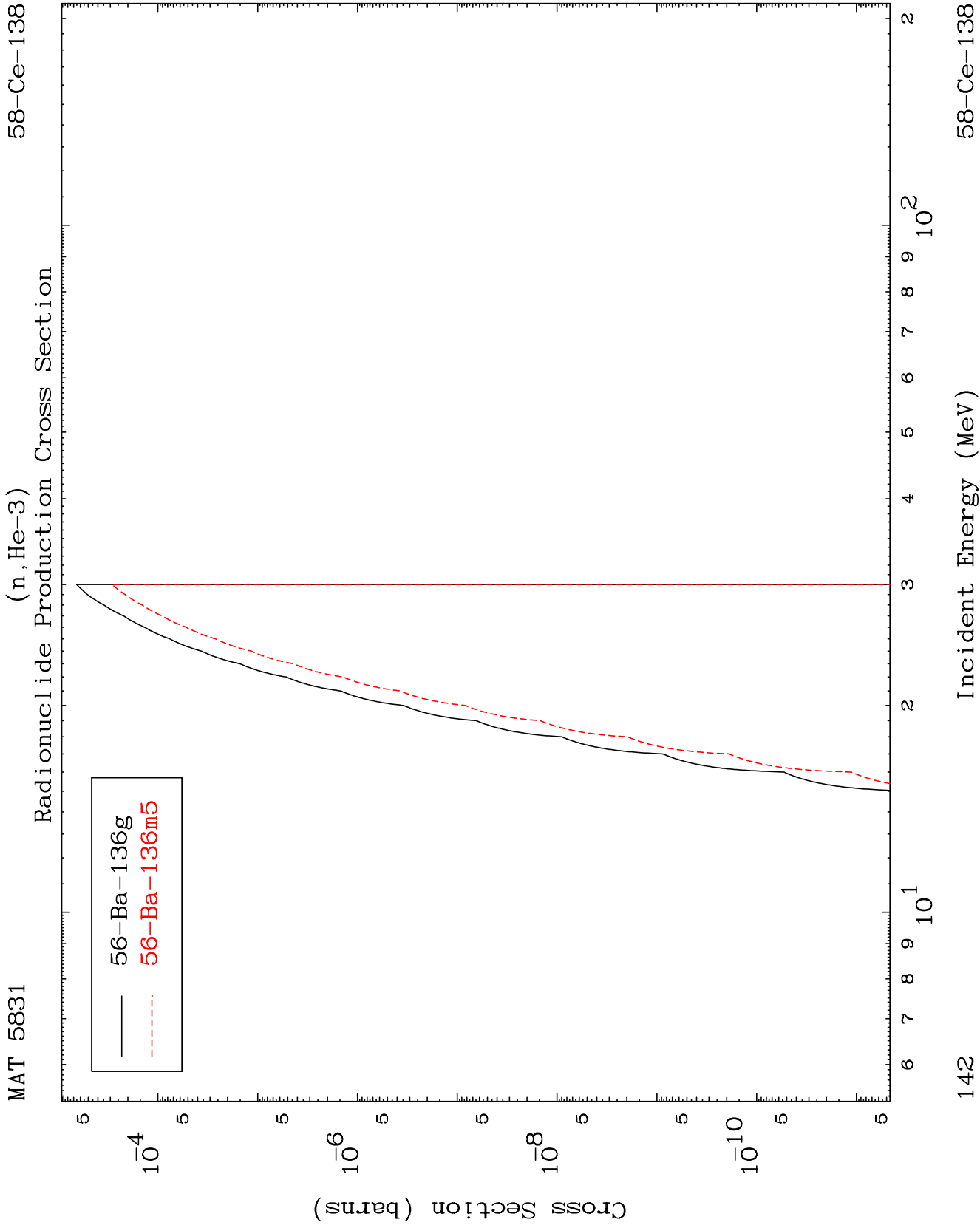
Radionuclide Production Cross Section
(n, γ)

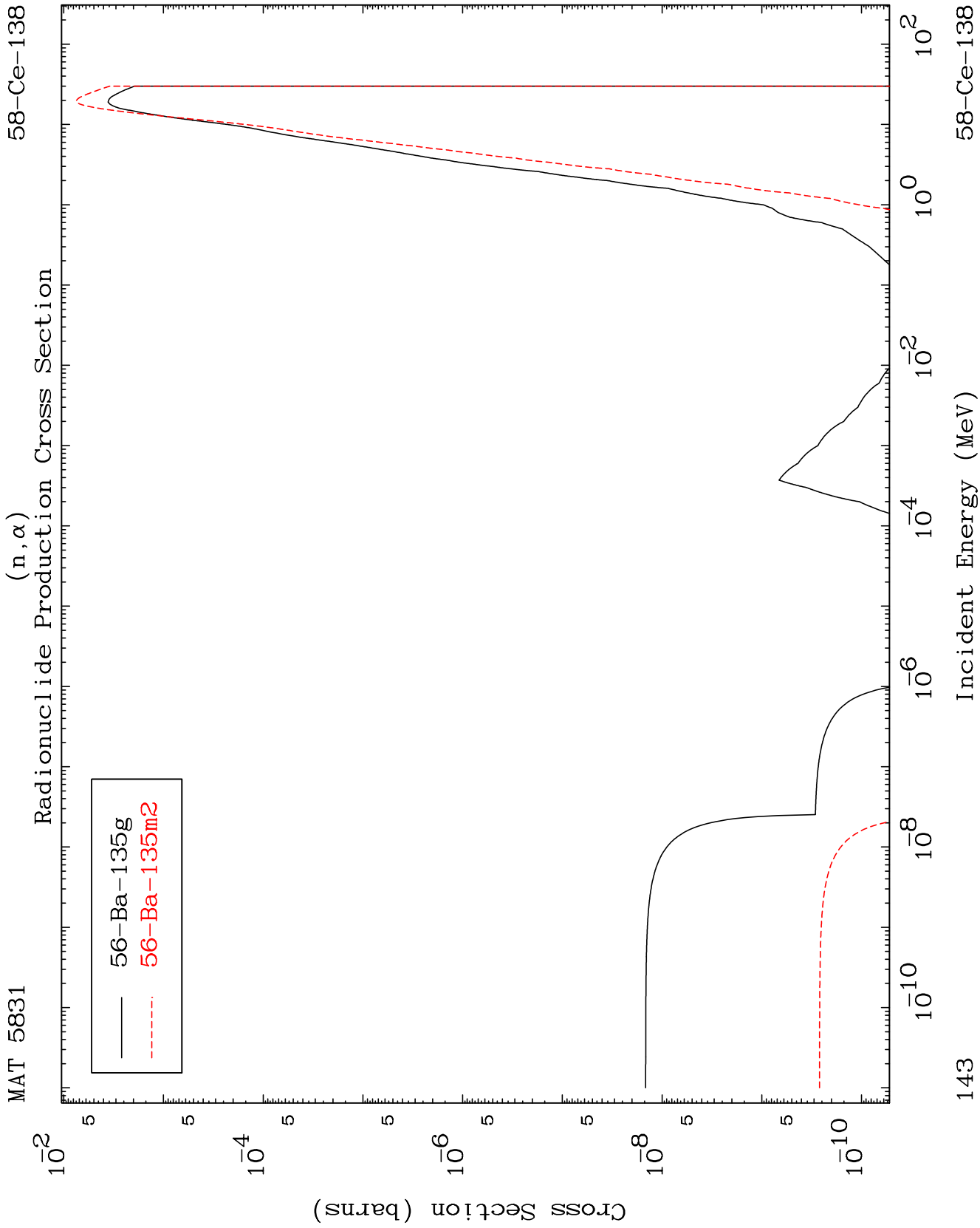


140

58-Ce-138





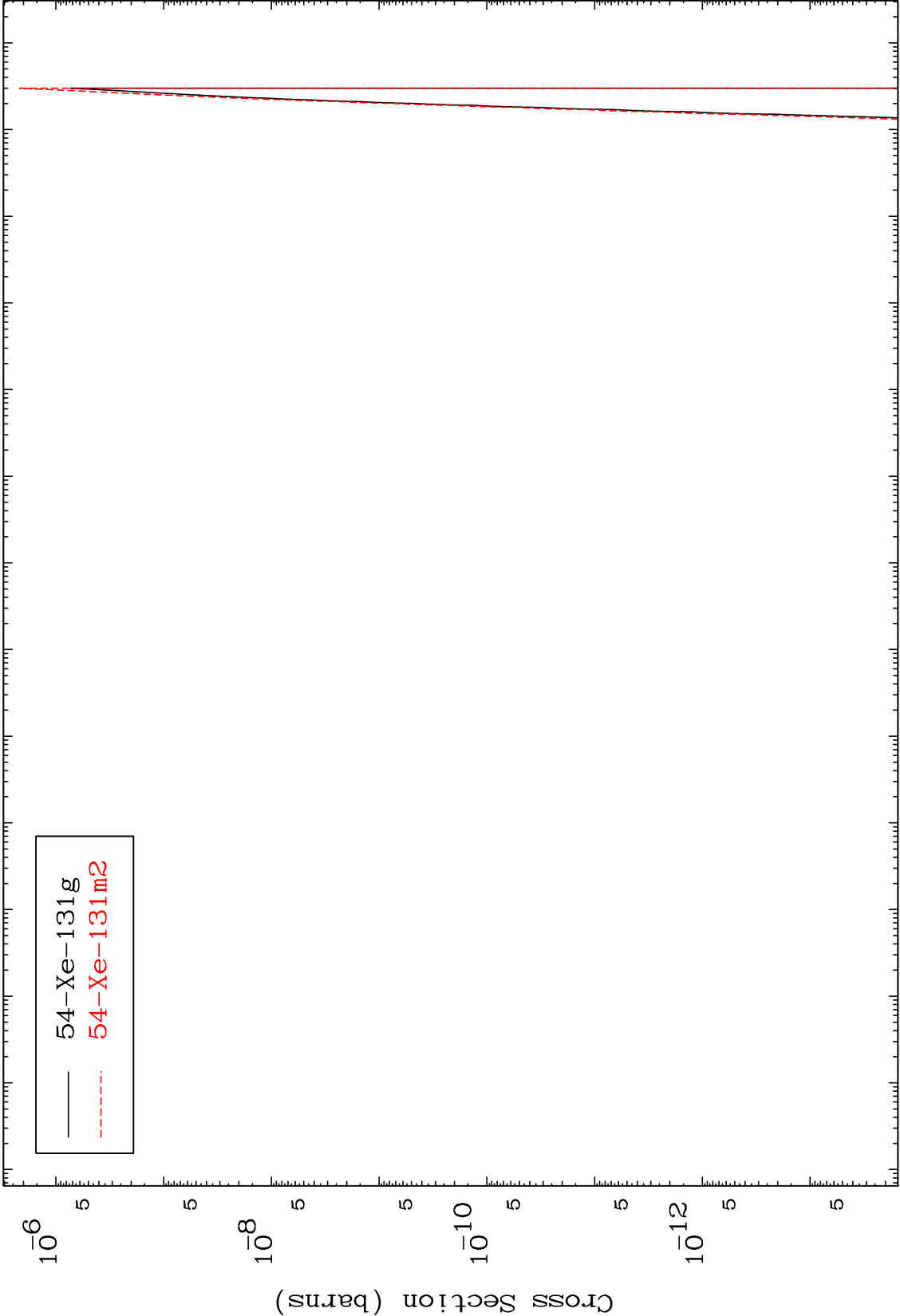


MAT 5831

(n,2α)

58-Ce-138

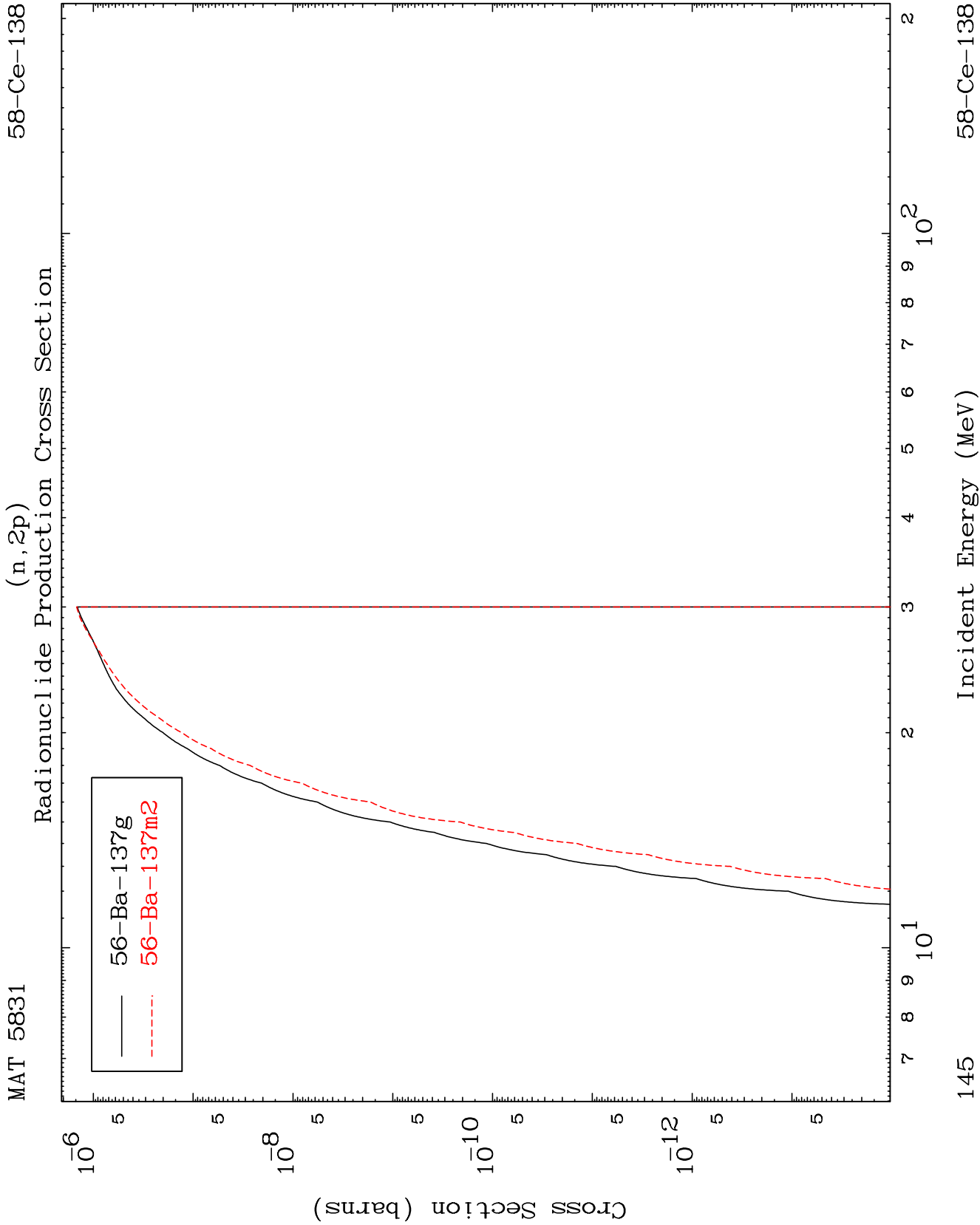
Radionuclide Production Cross Section



144

Incident Energy (MeV)

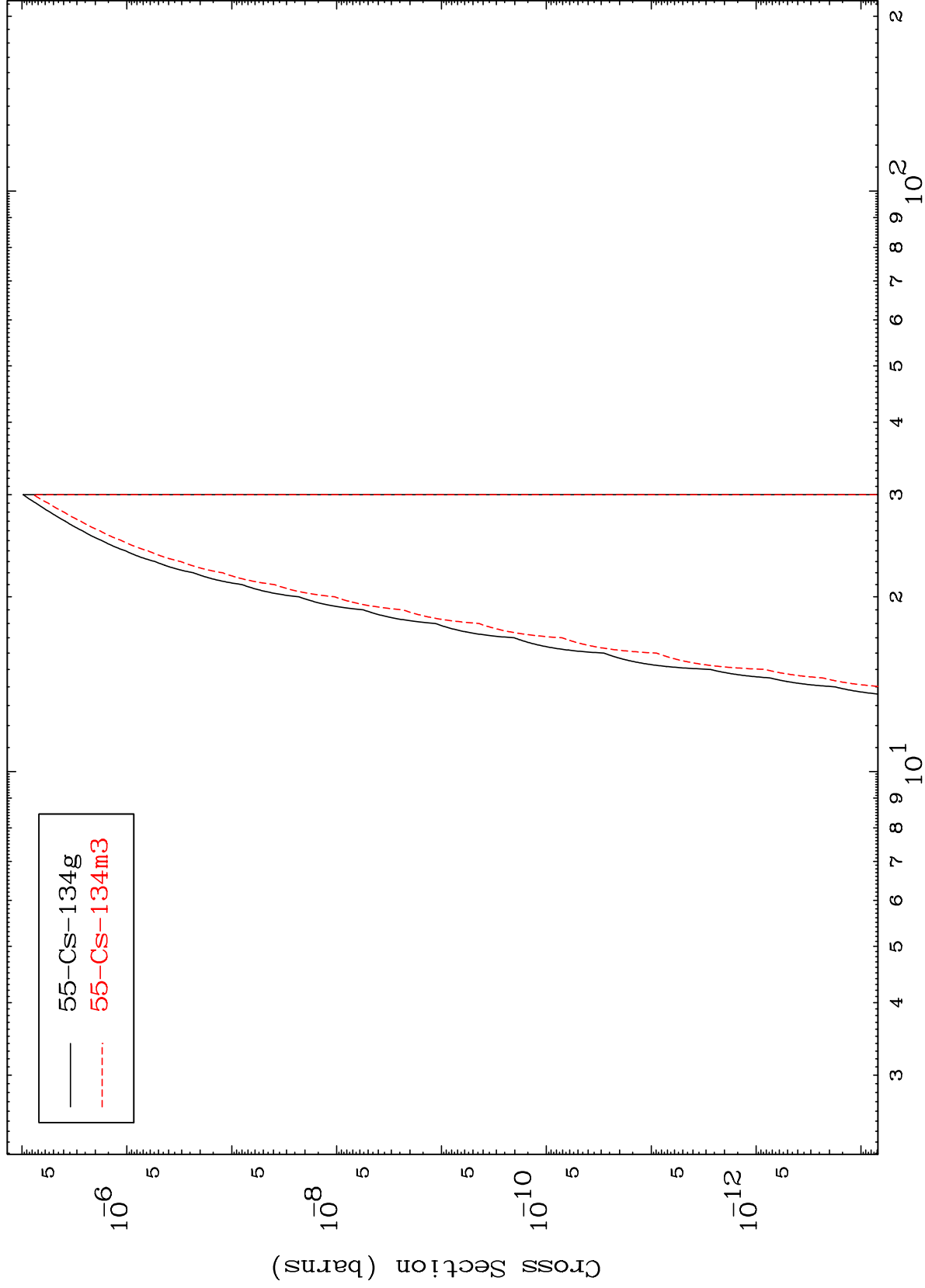
58-Ce-138



MAT 5831

58-Ce-138

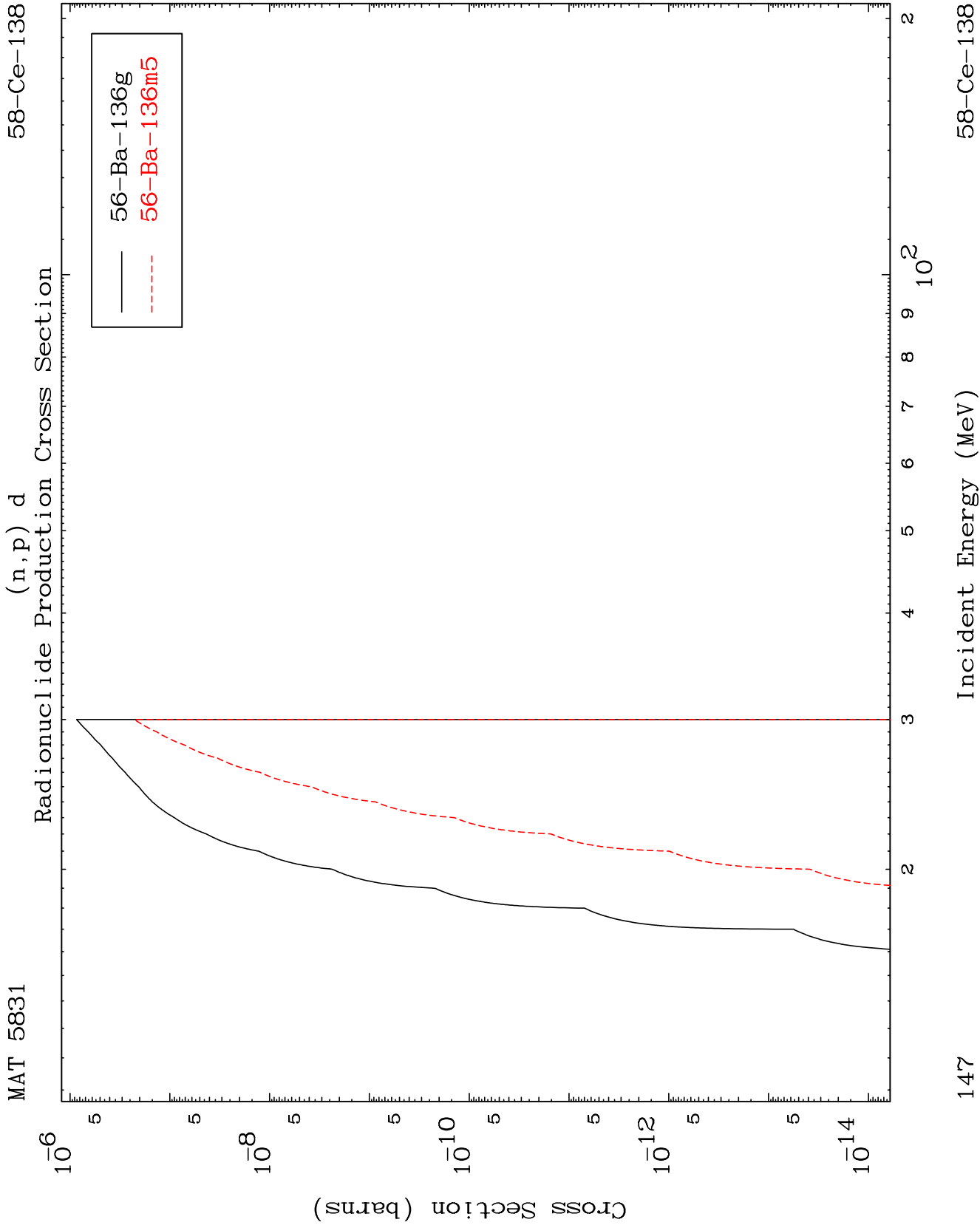
(n,p) α
Radionuclide Production Cross Section



146

Incident Energy (MeV)

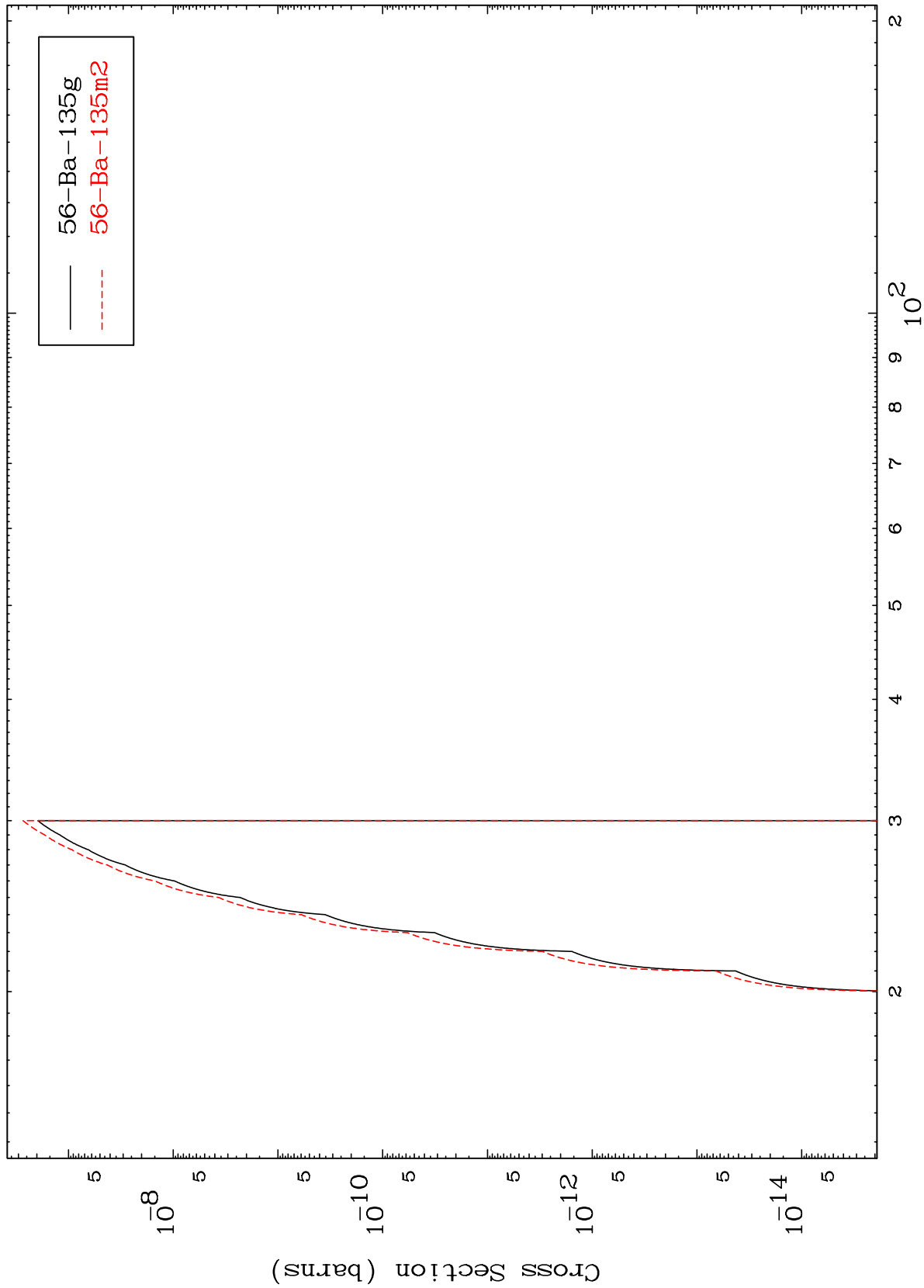
58-Ce-138



MAT 5831

58-Ce-138

(n,p) t
Radionuclide Production Cross Section



148

Incident Energy (MeV)

58-Ce-138