

Program EVALPLOT
(Version 2021-1)

by

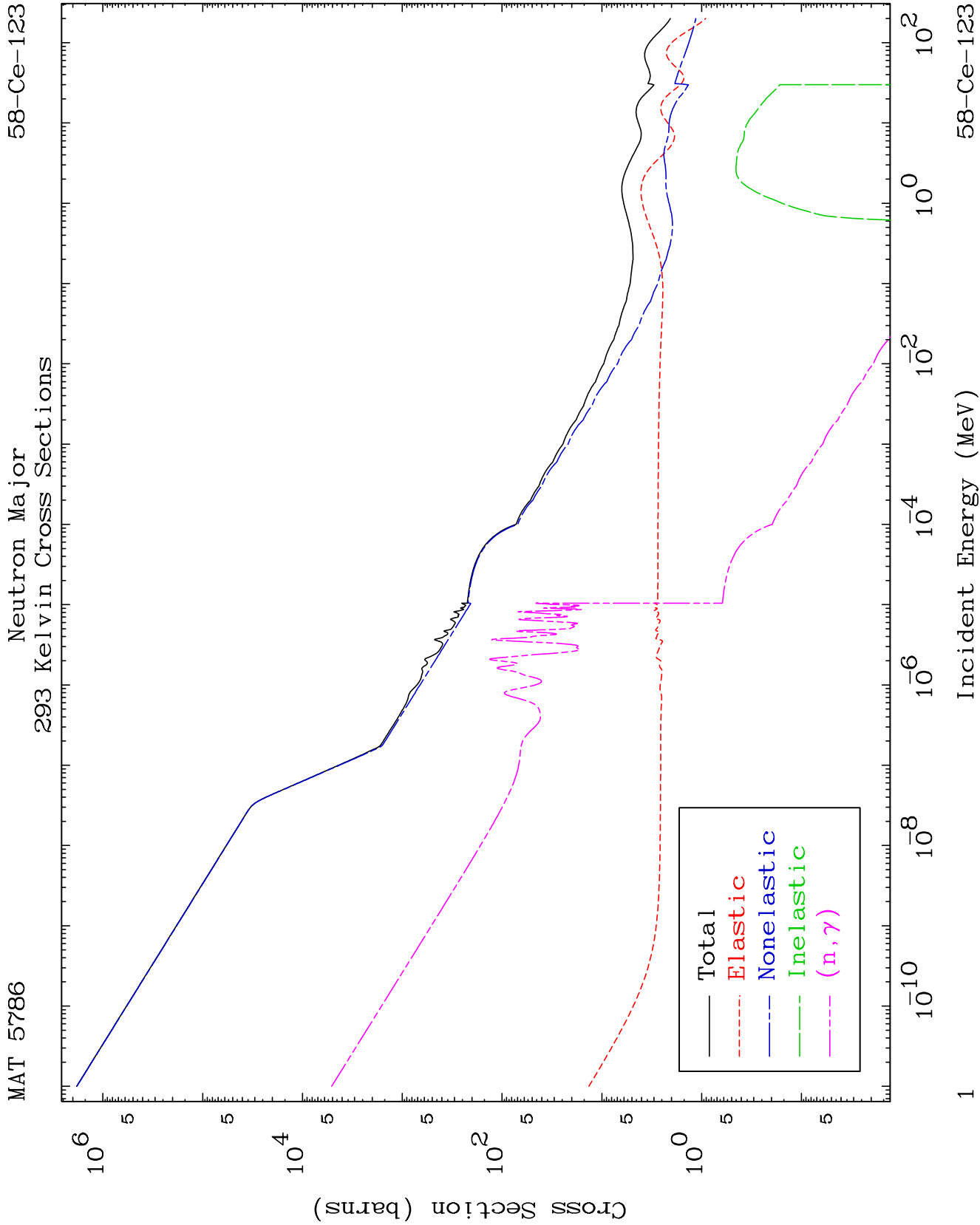
Dermott E. Cullen
(Present Contact Information)

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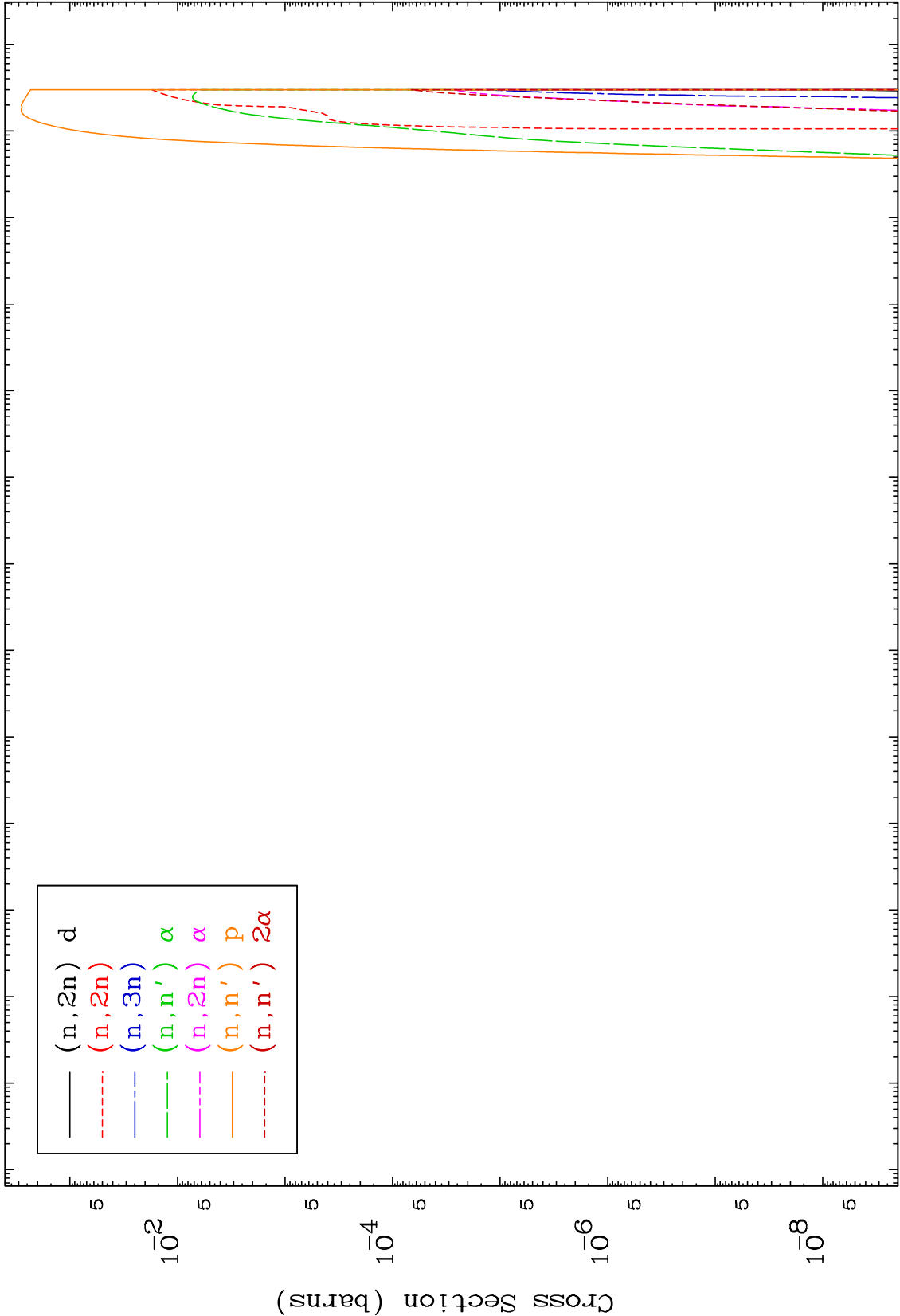
Press Mouse Button to Start

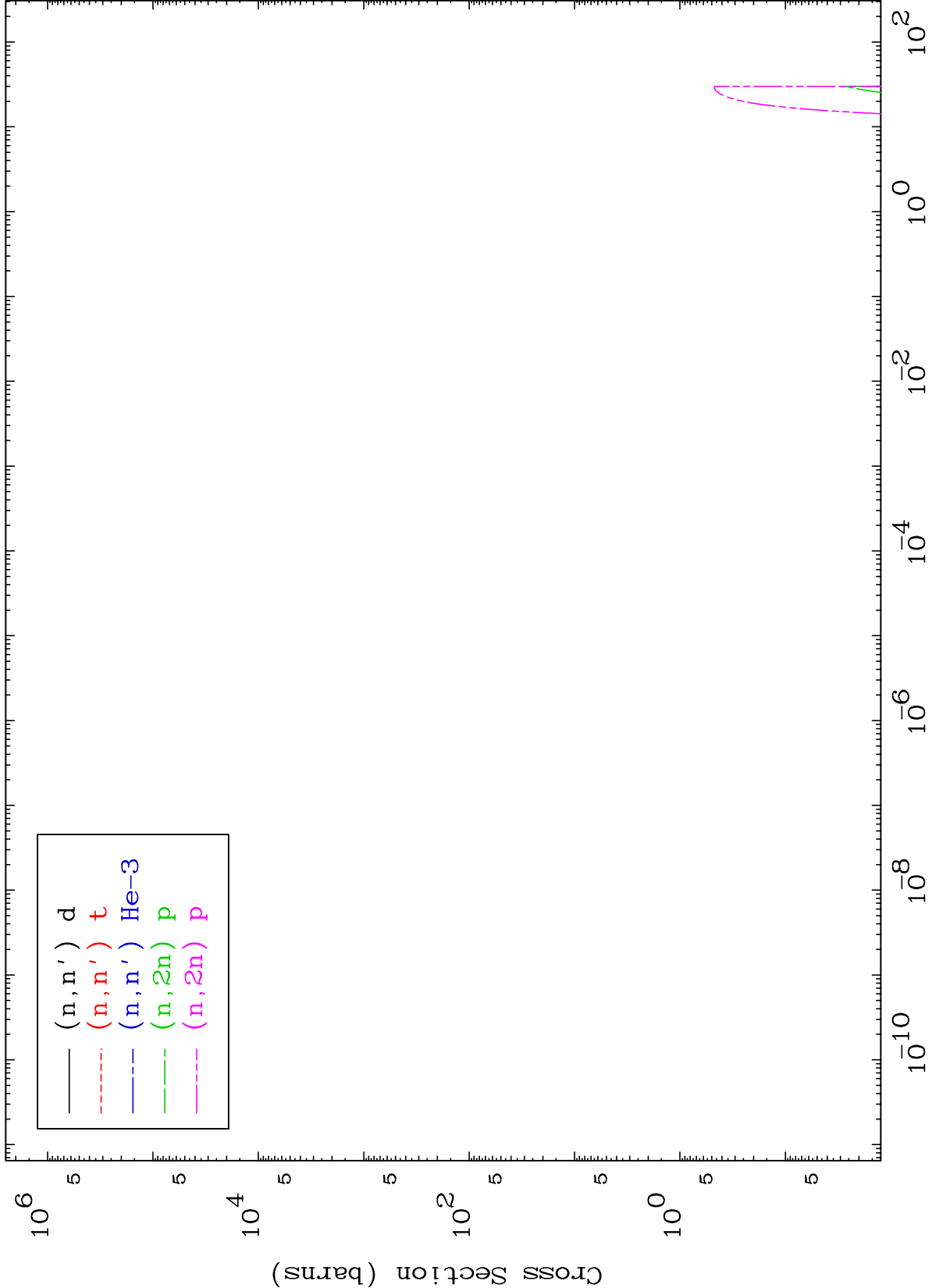


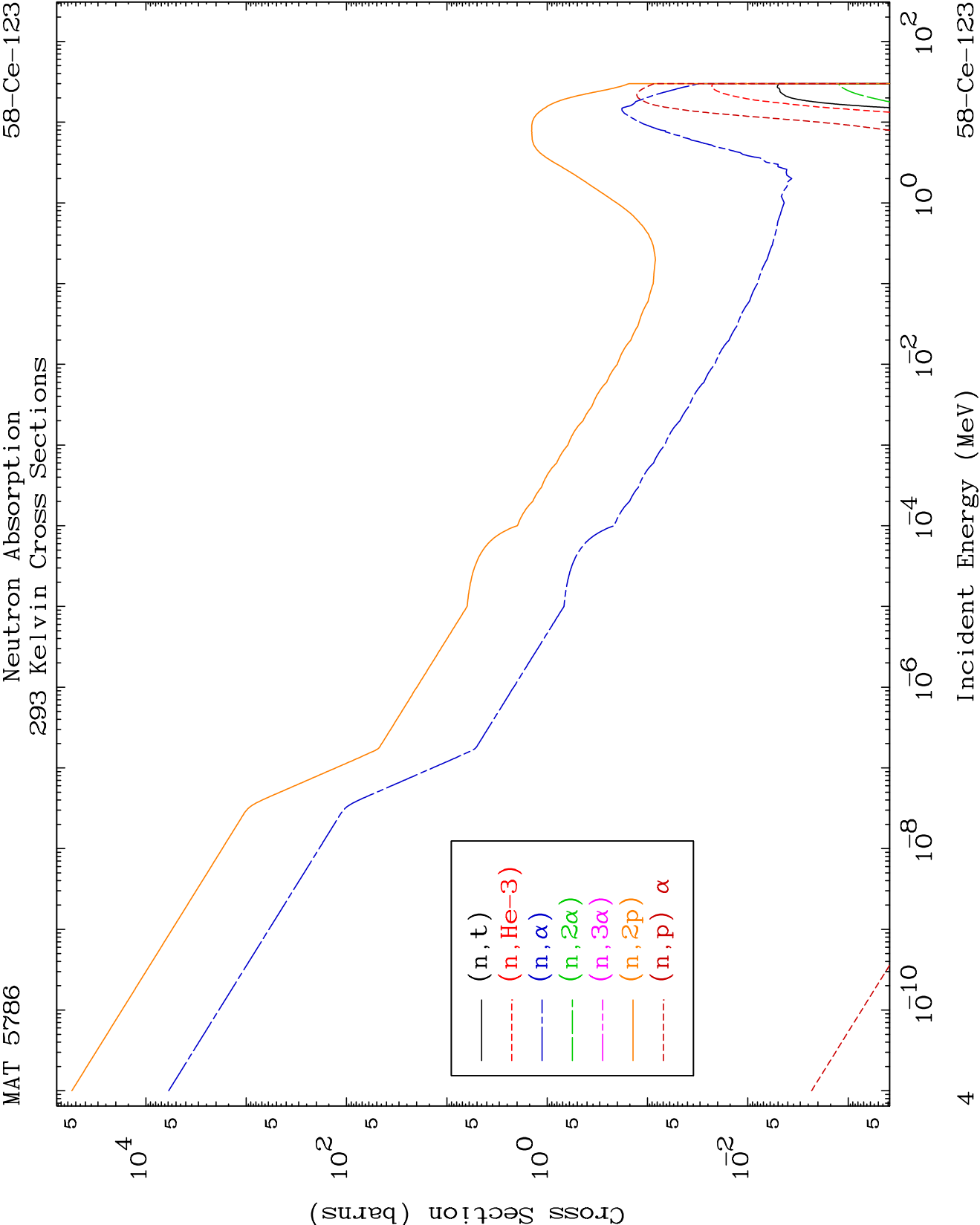
MAT 5786

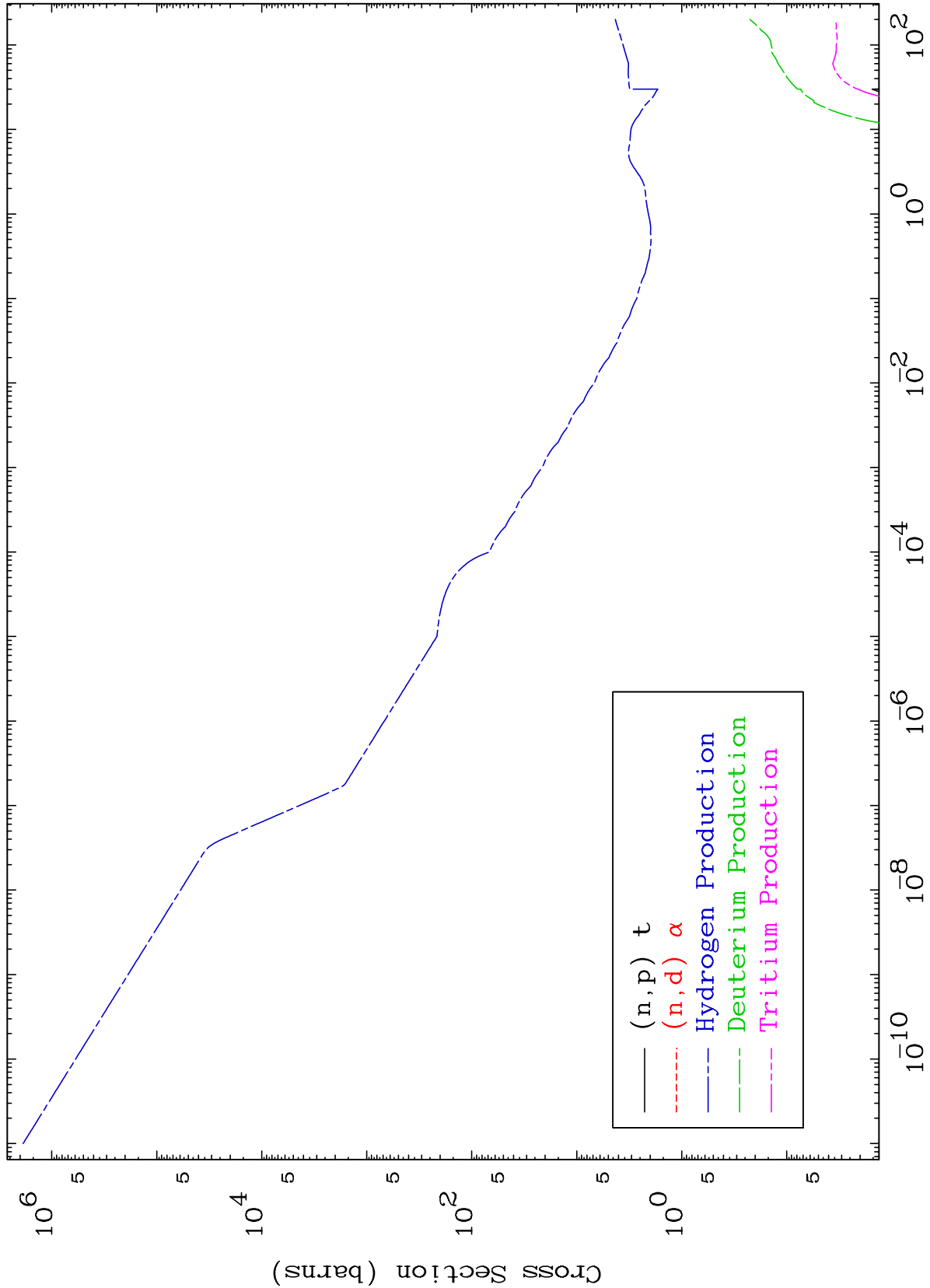
Neutron Absorption
293 Kelvin Cross Sections

58-Ce-123





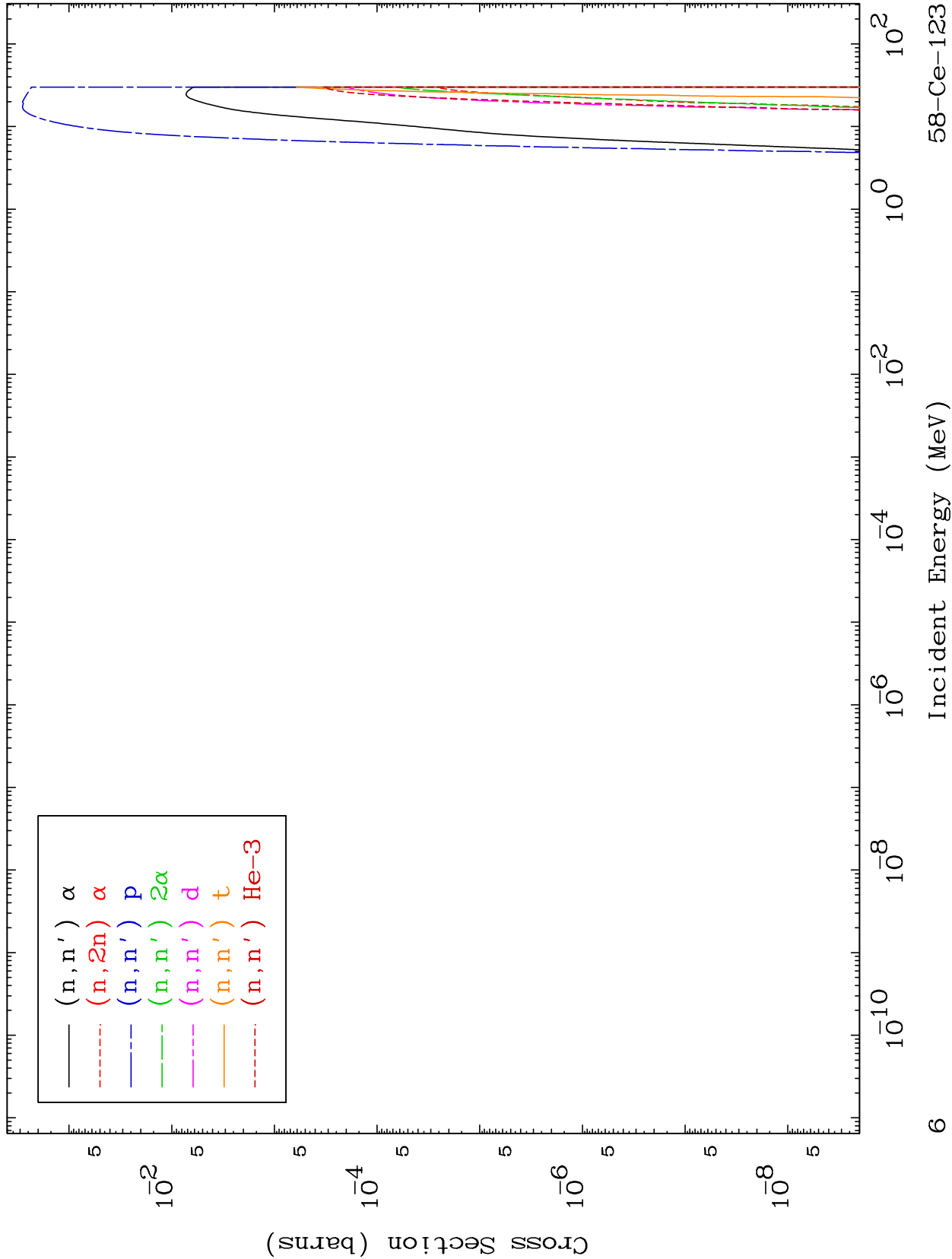




MAT 5786

Charged Particle
293 Kelvin Cross Sections

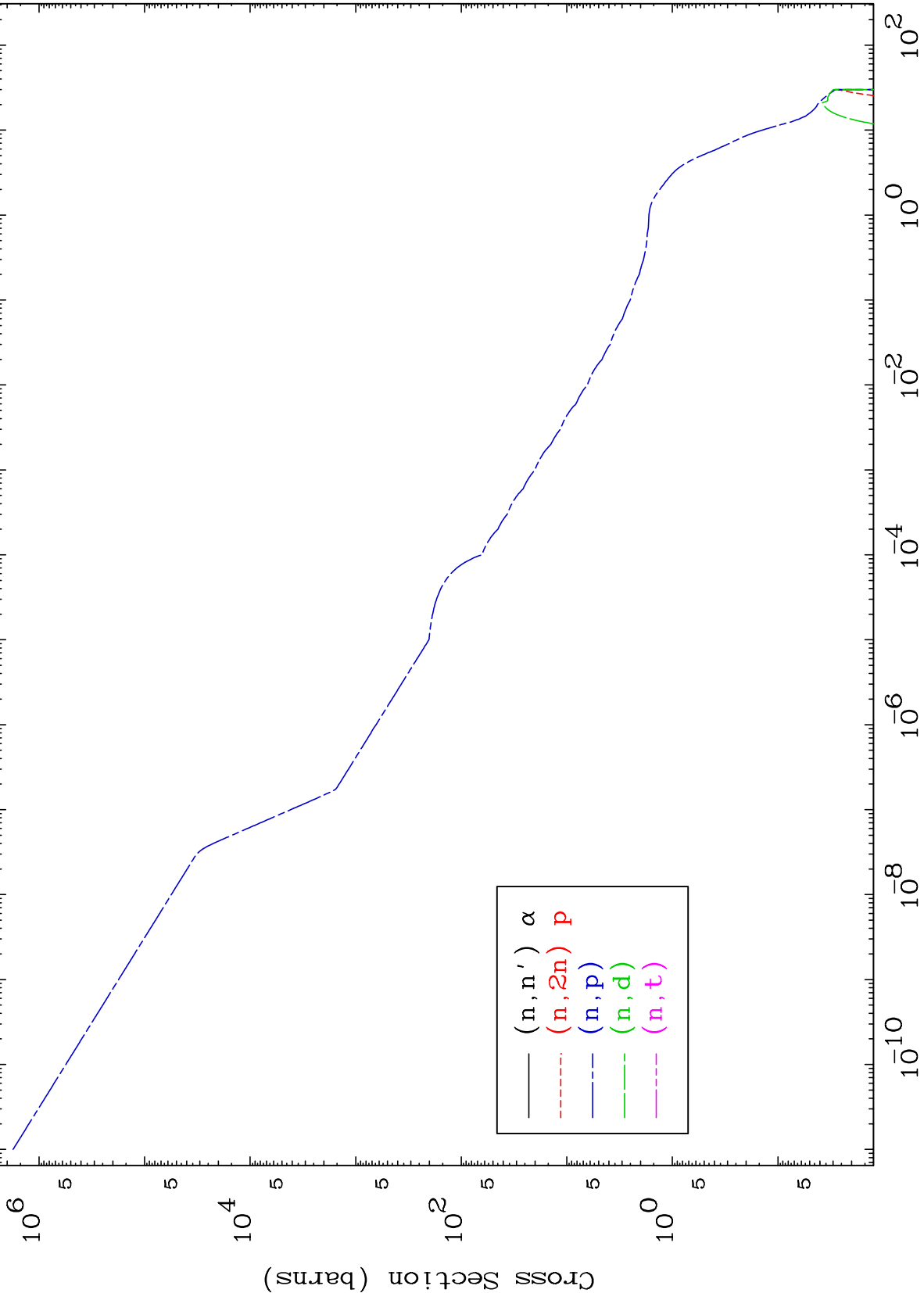
58-Ce-123

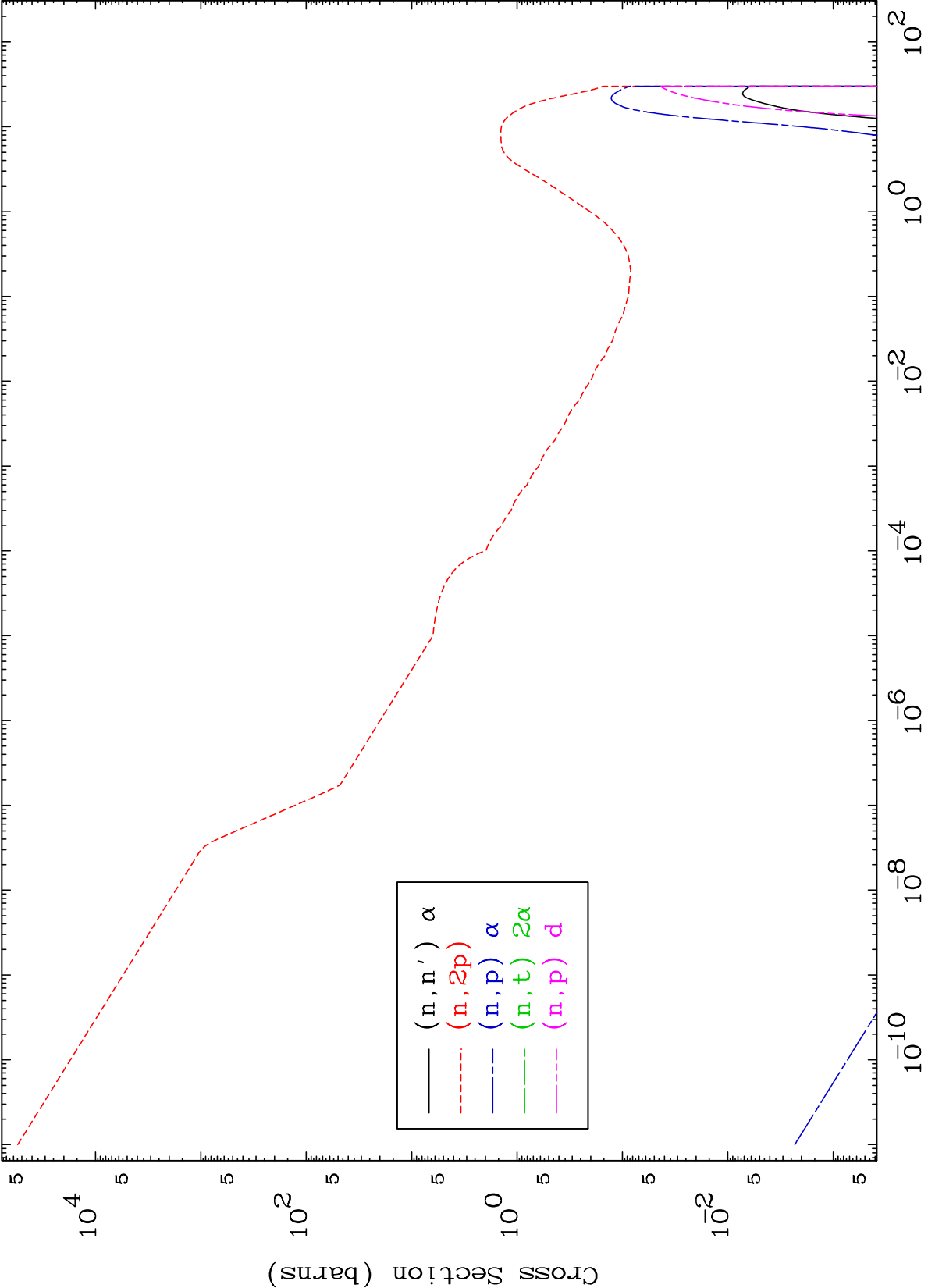


MAT 5786

Charged Particle
293 Kelvin Cross Sections

58-Ce-123

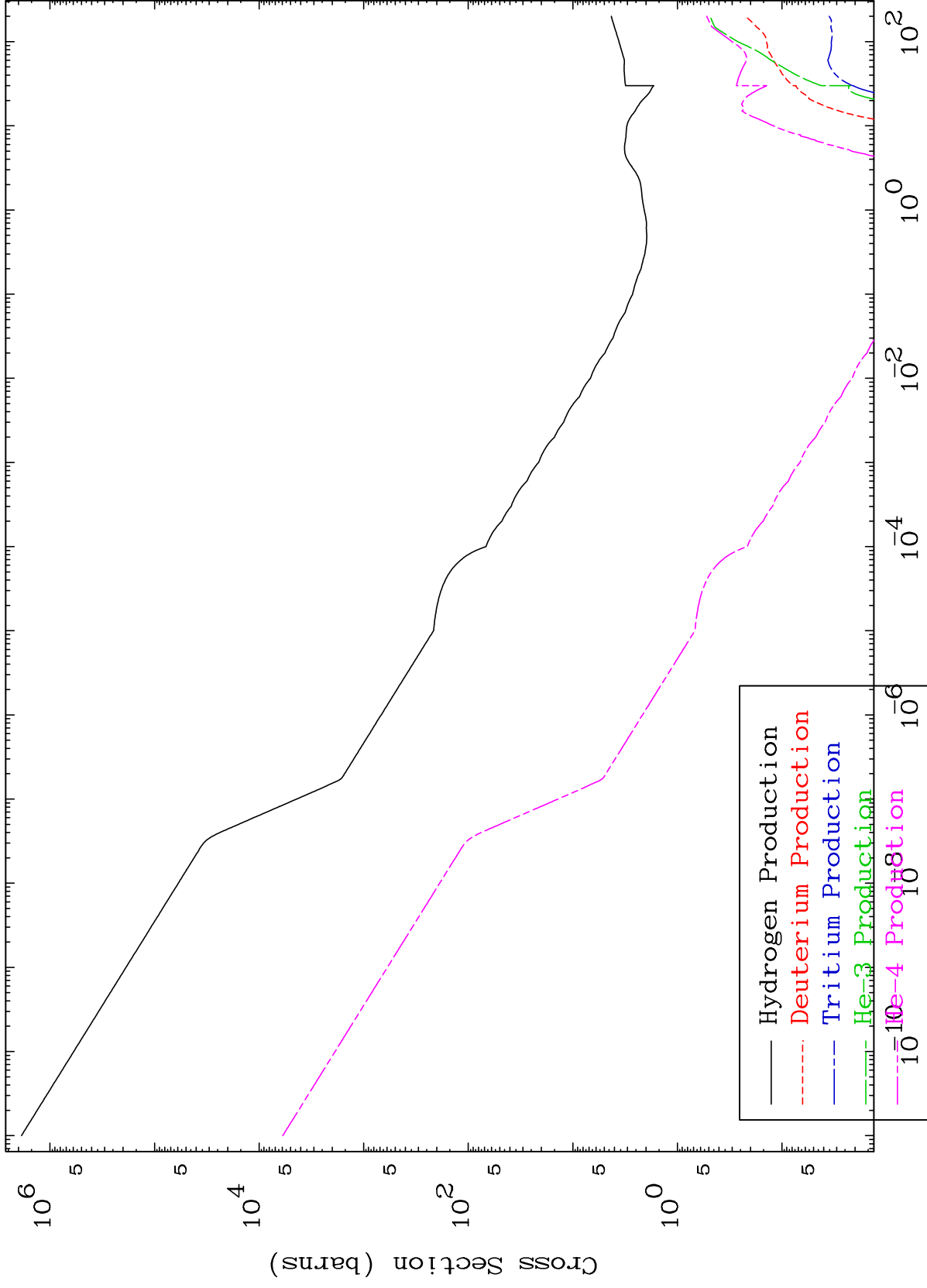




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Particle Production
293 Kelvin Cross Sections

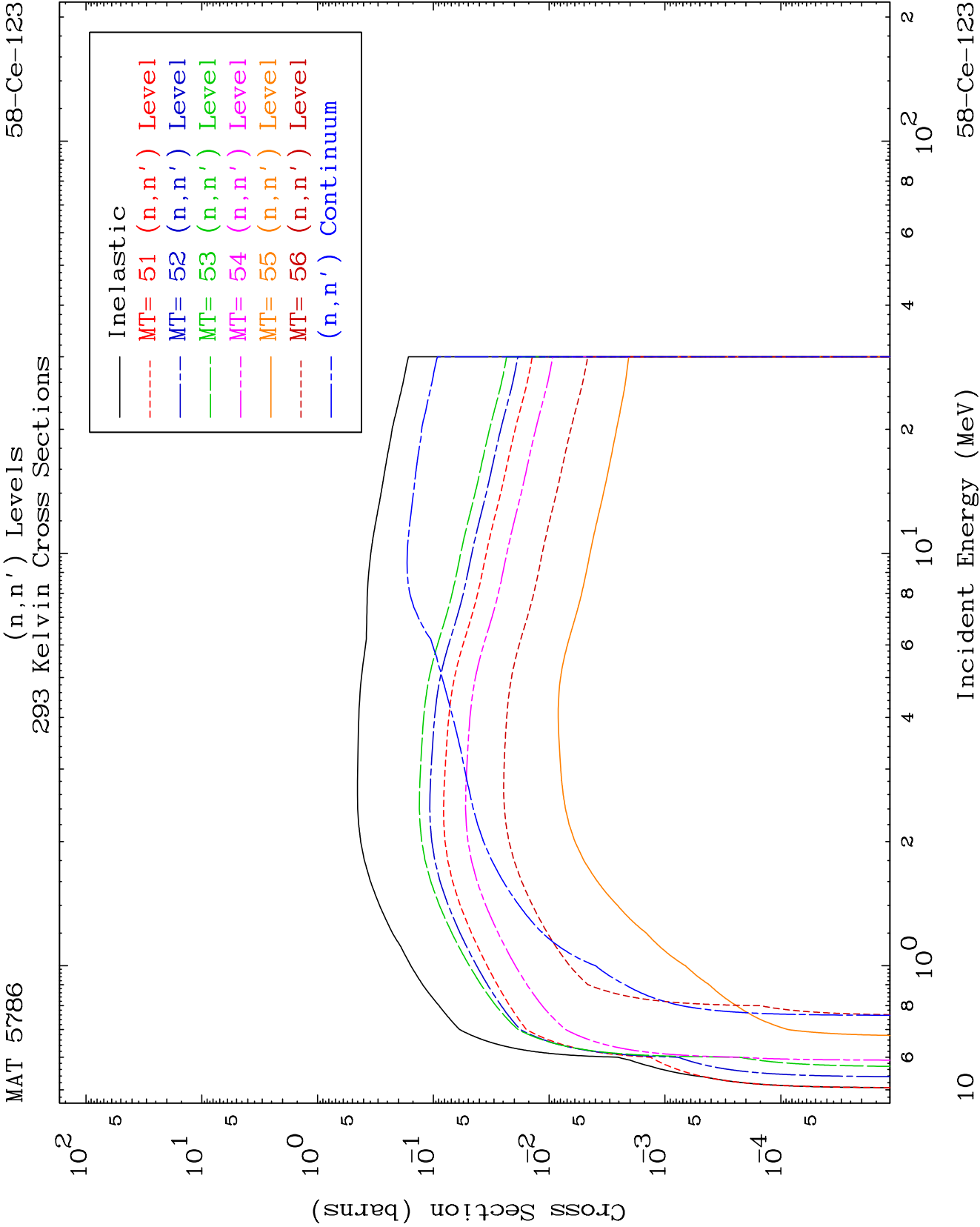
58-Ce-123

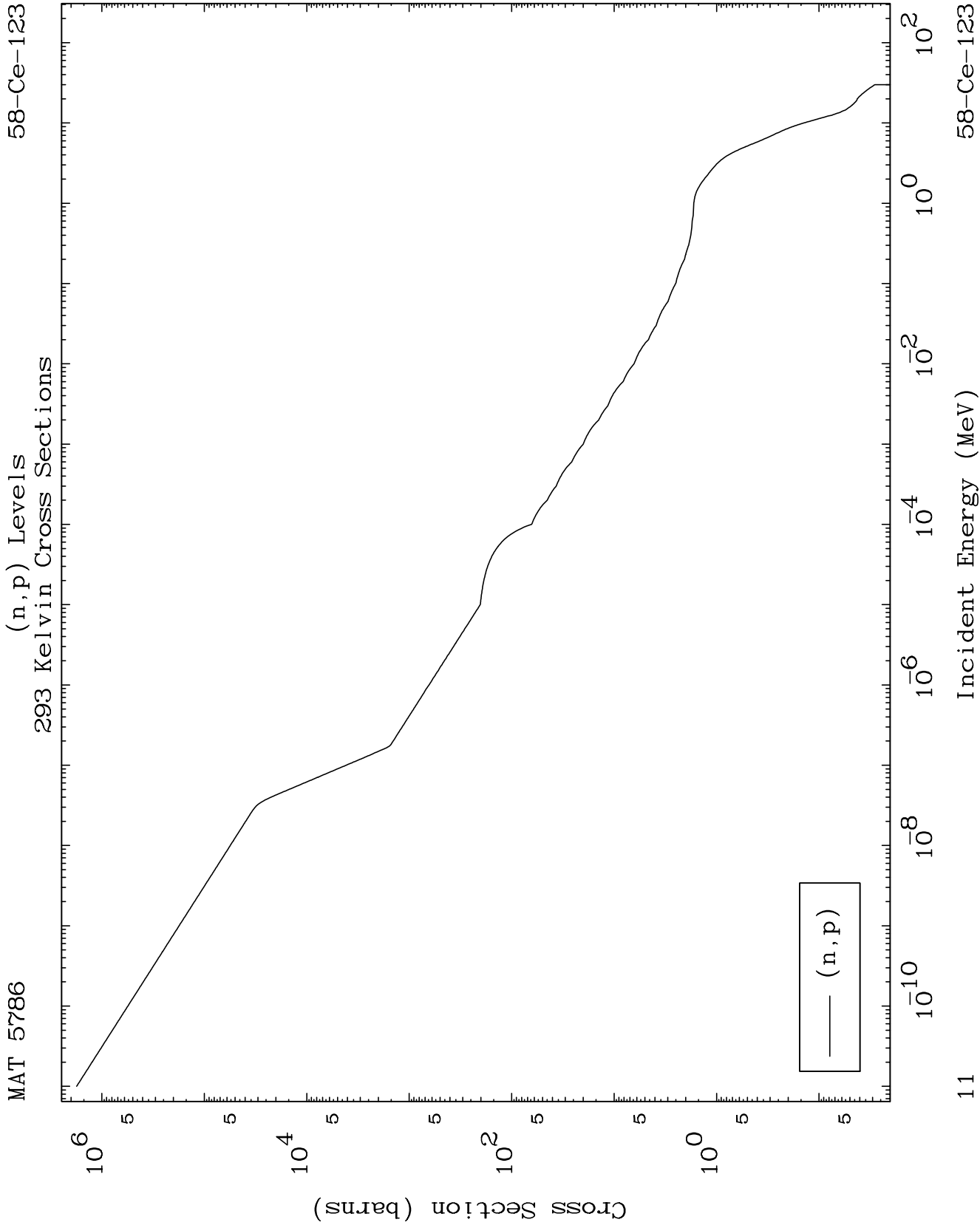


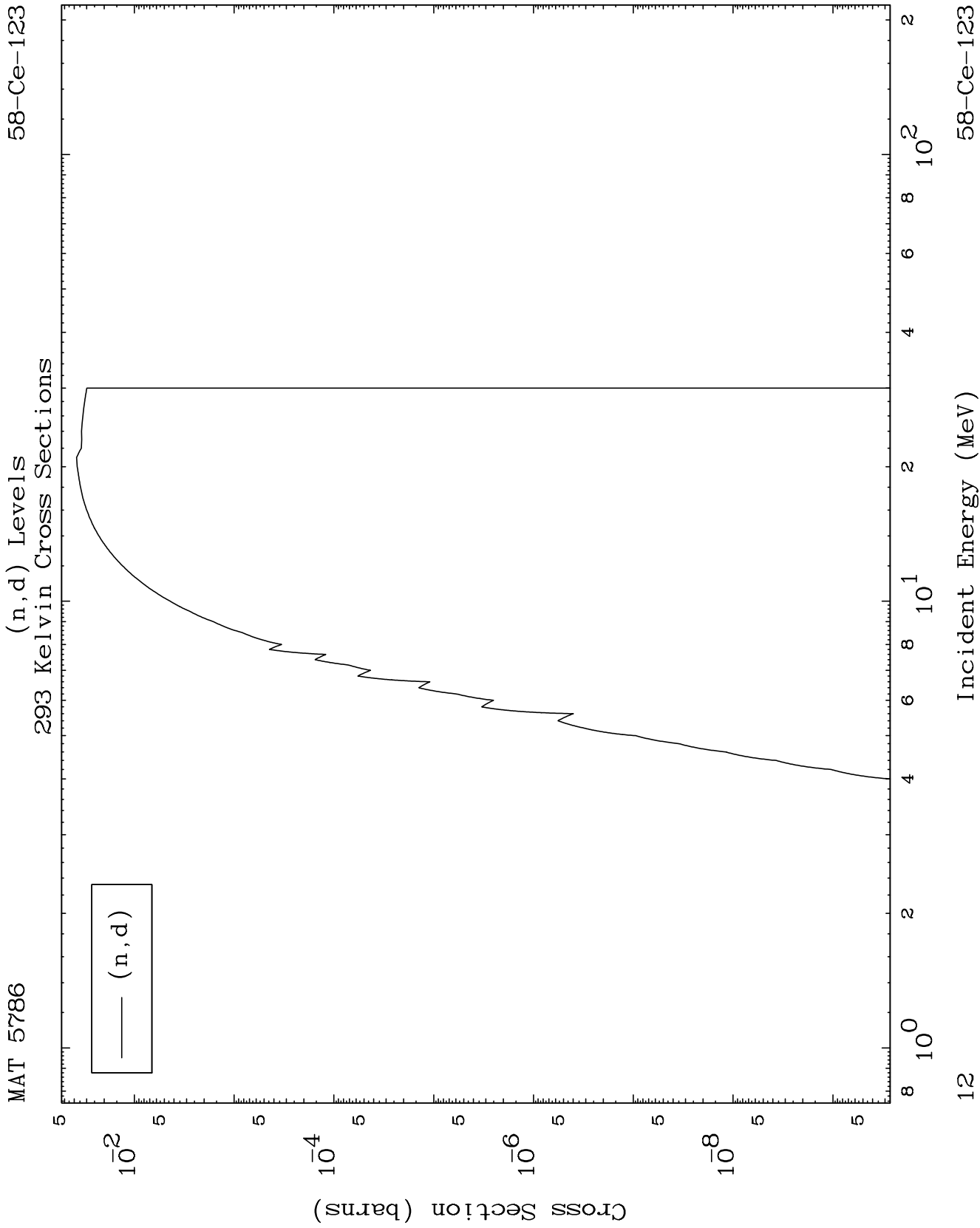
9

Incident Energy (MeV)

58-Ce-123



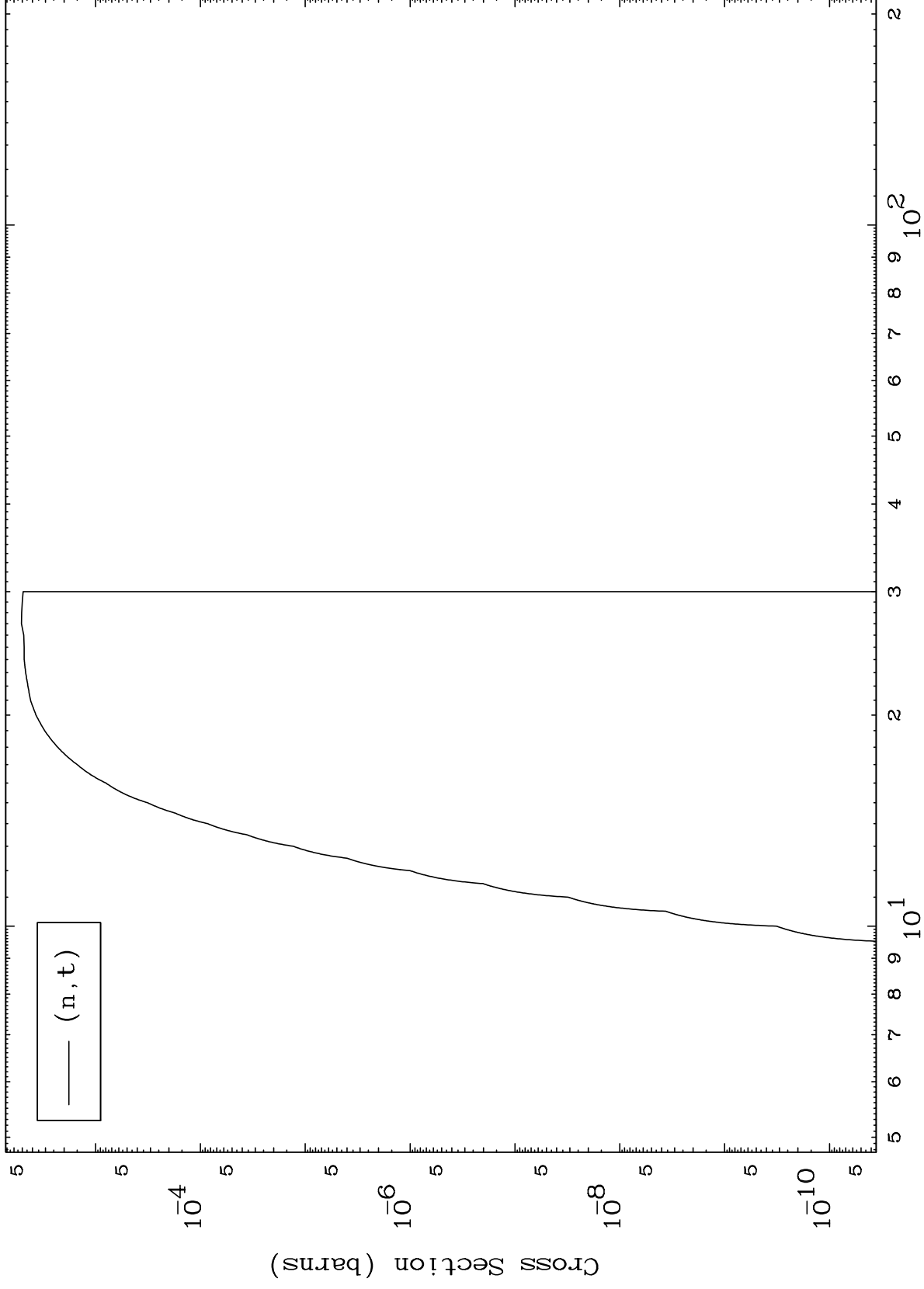




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(n,t) Levels
293 Kelvin Cross Sections

58-Ce-123



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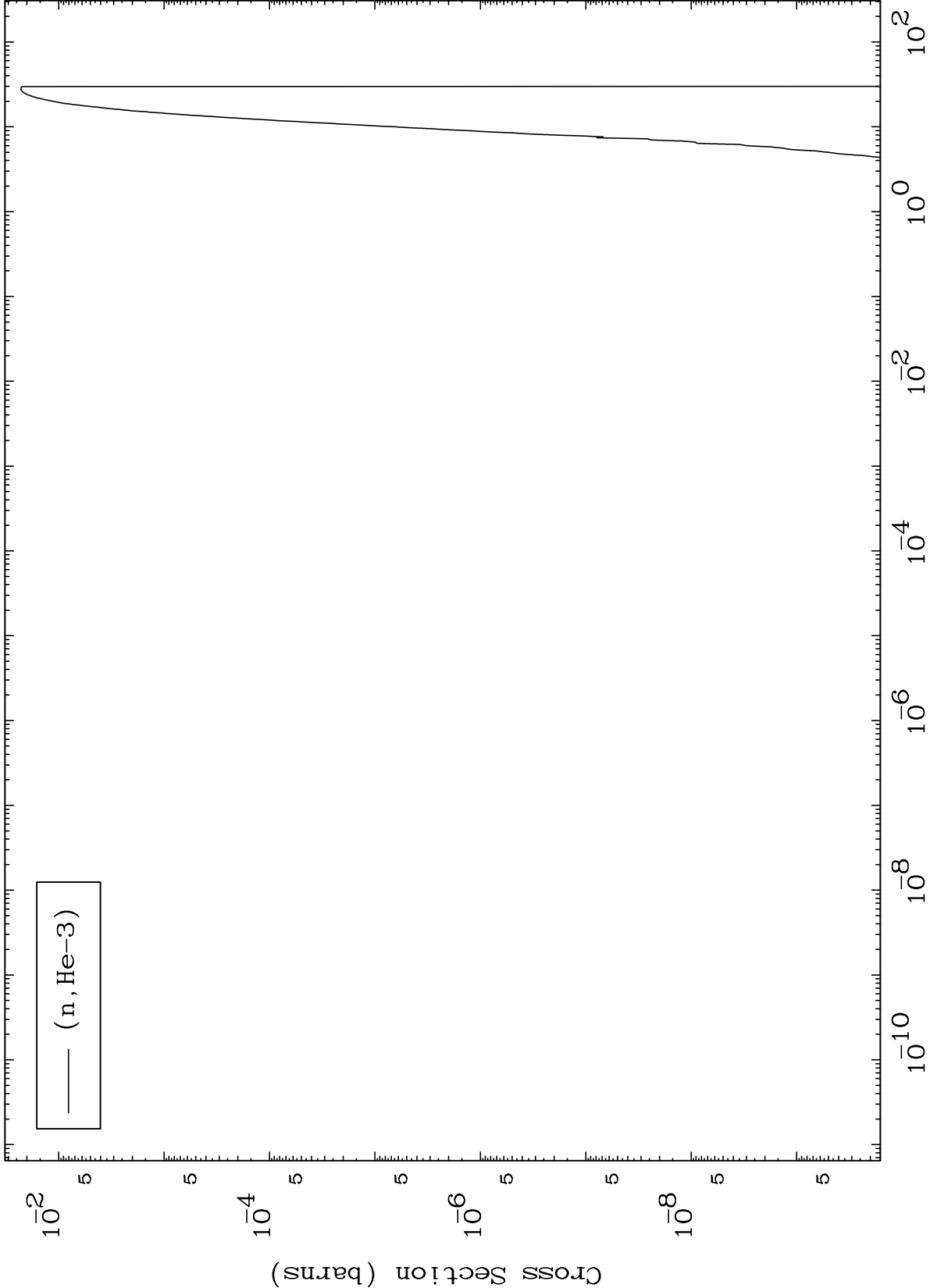
Incident Energy (MeV)

58-Ce-123

MAT 5786

(n,He3) Levels
293 Kelvin Cross Sections

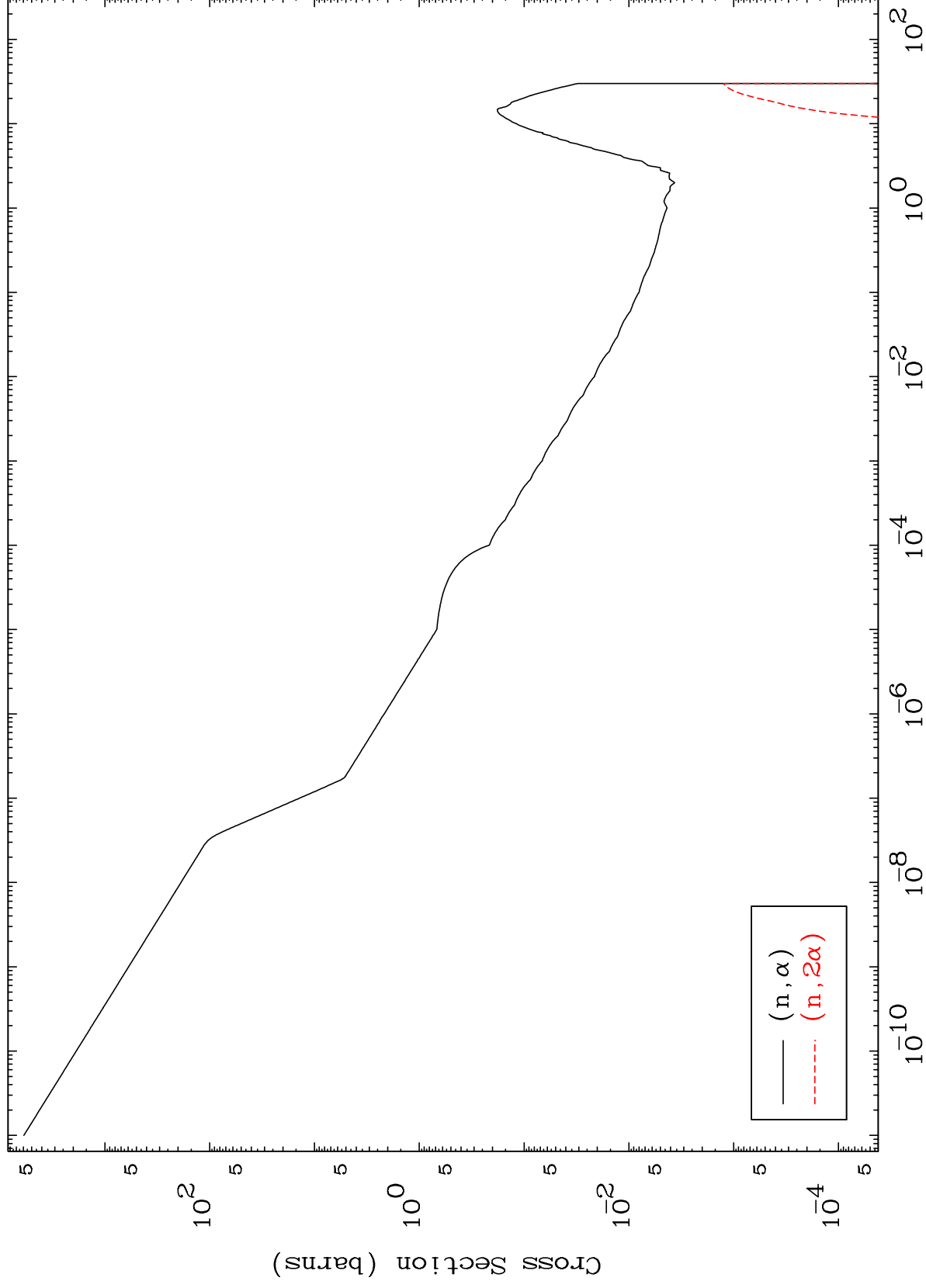
58-Ce-123



MAT 5786

(n, α) Levels
293 Kelvin Cross Sections

58-Ce-123



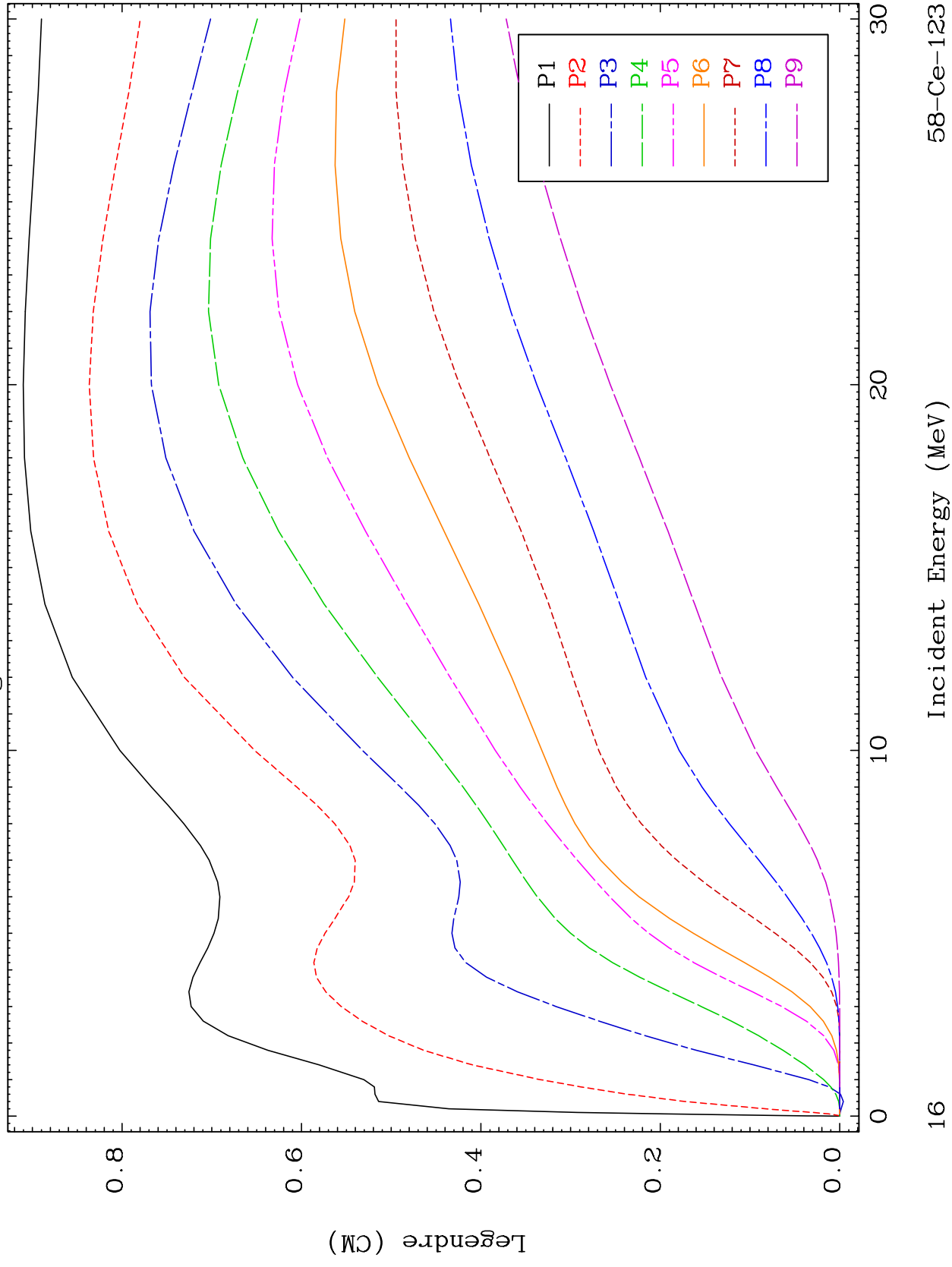
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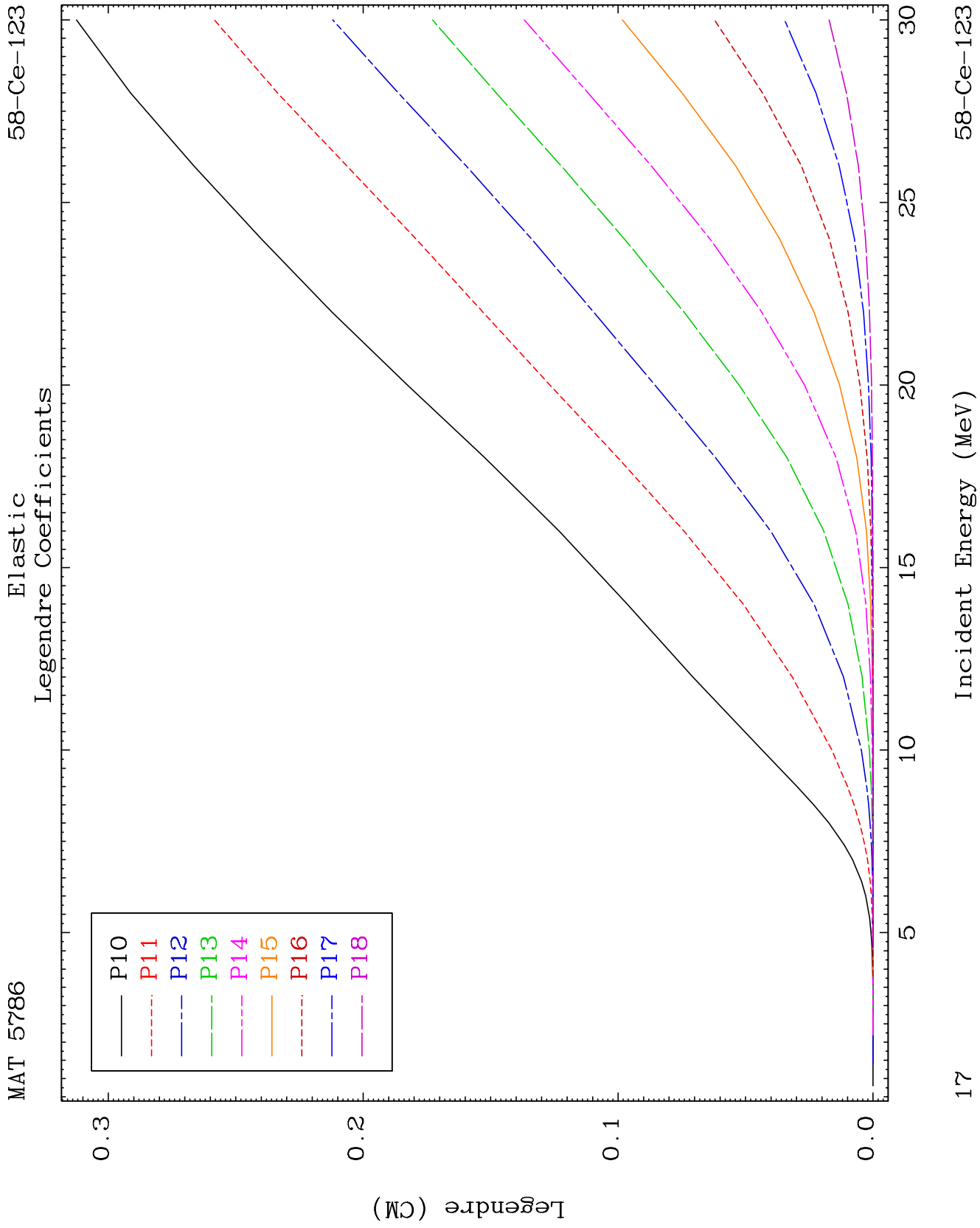
Incident Energy (MeV)

58-Ce-123

58-Ce-123

58-Ce-123

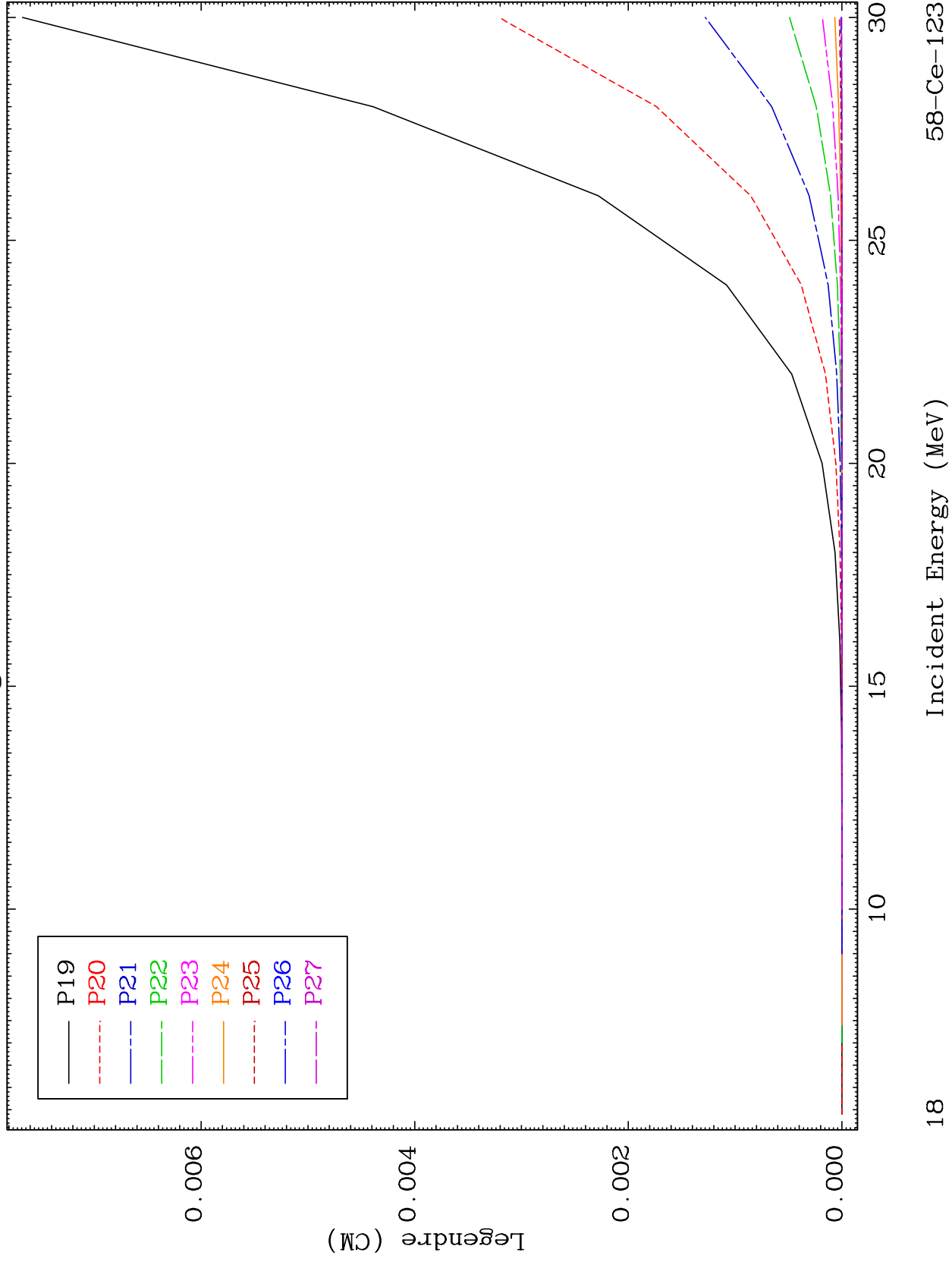


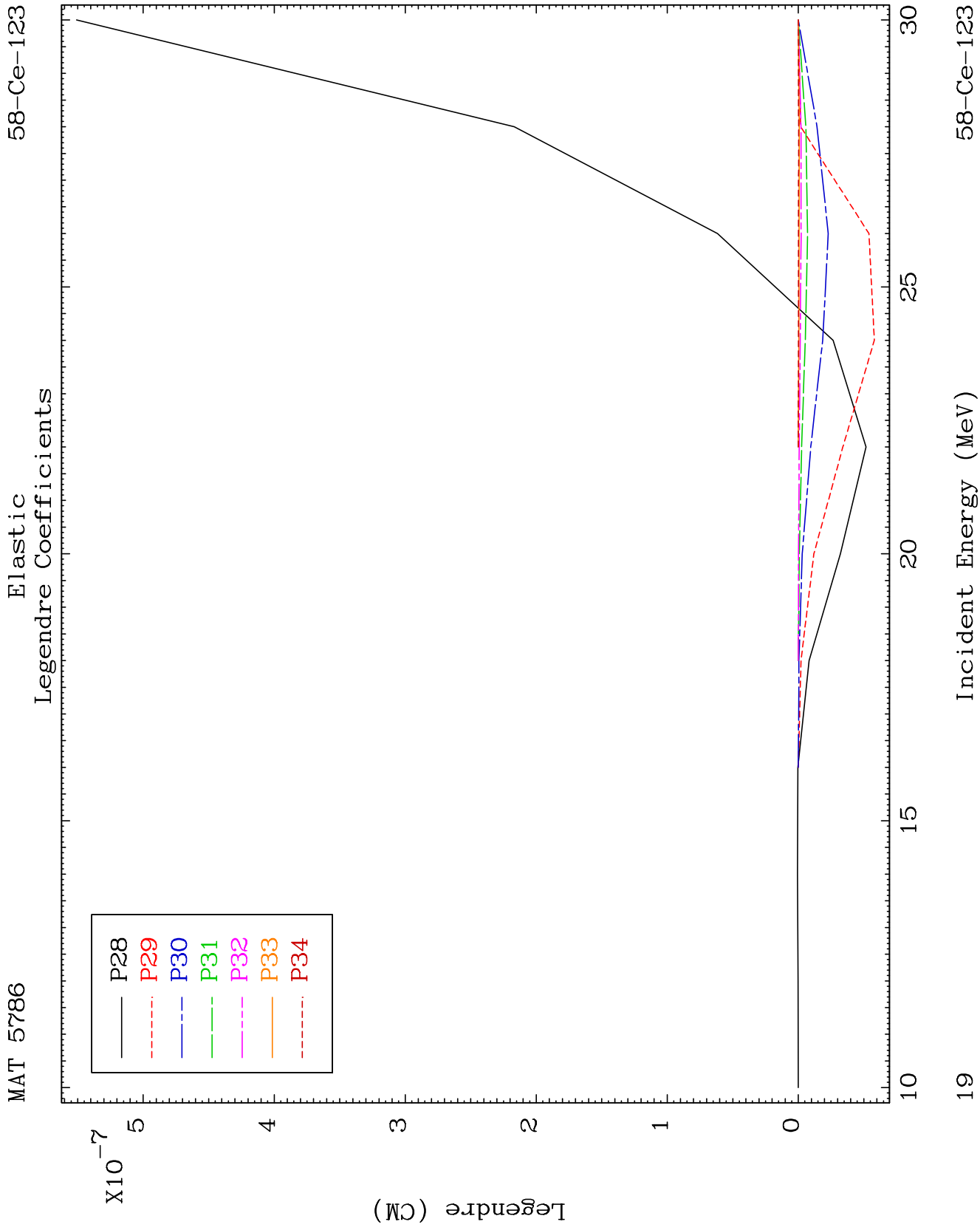


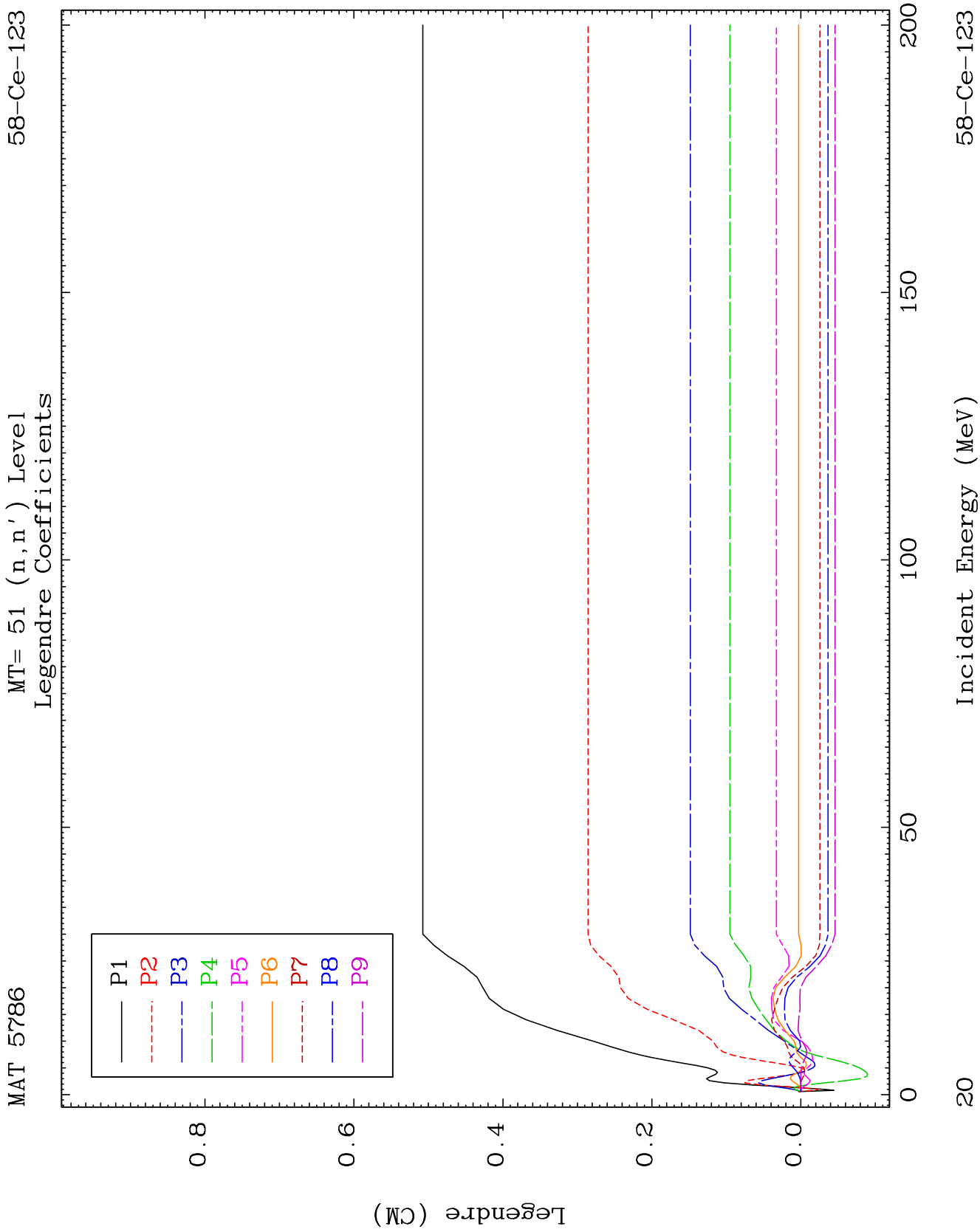
MAT 5786

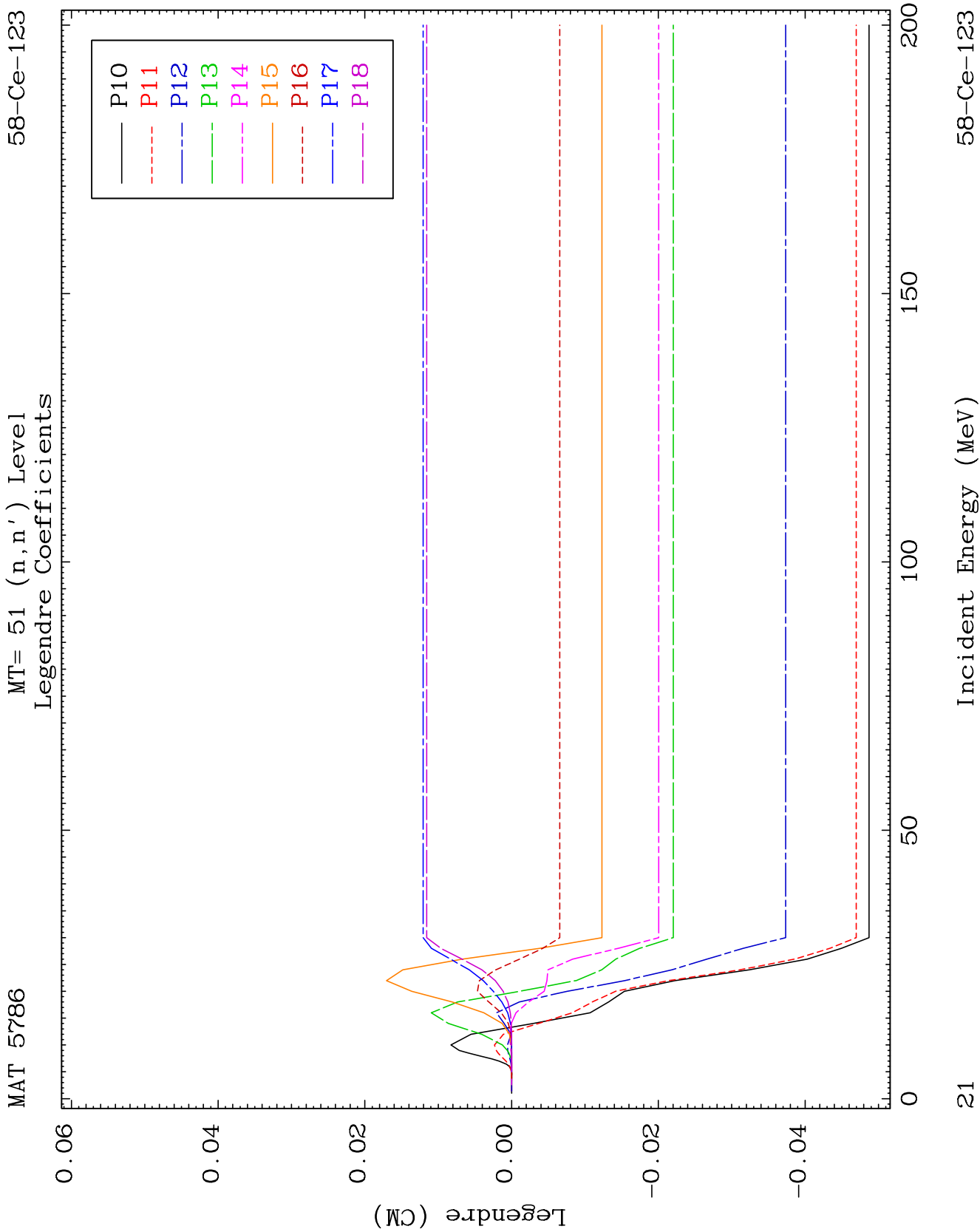
Elastic Legendre Coefficients

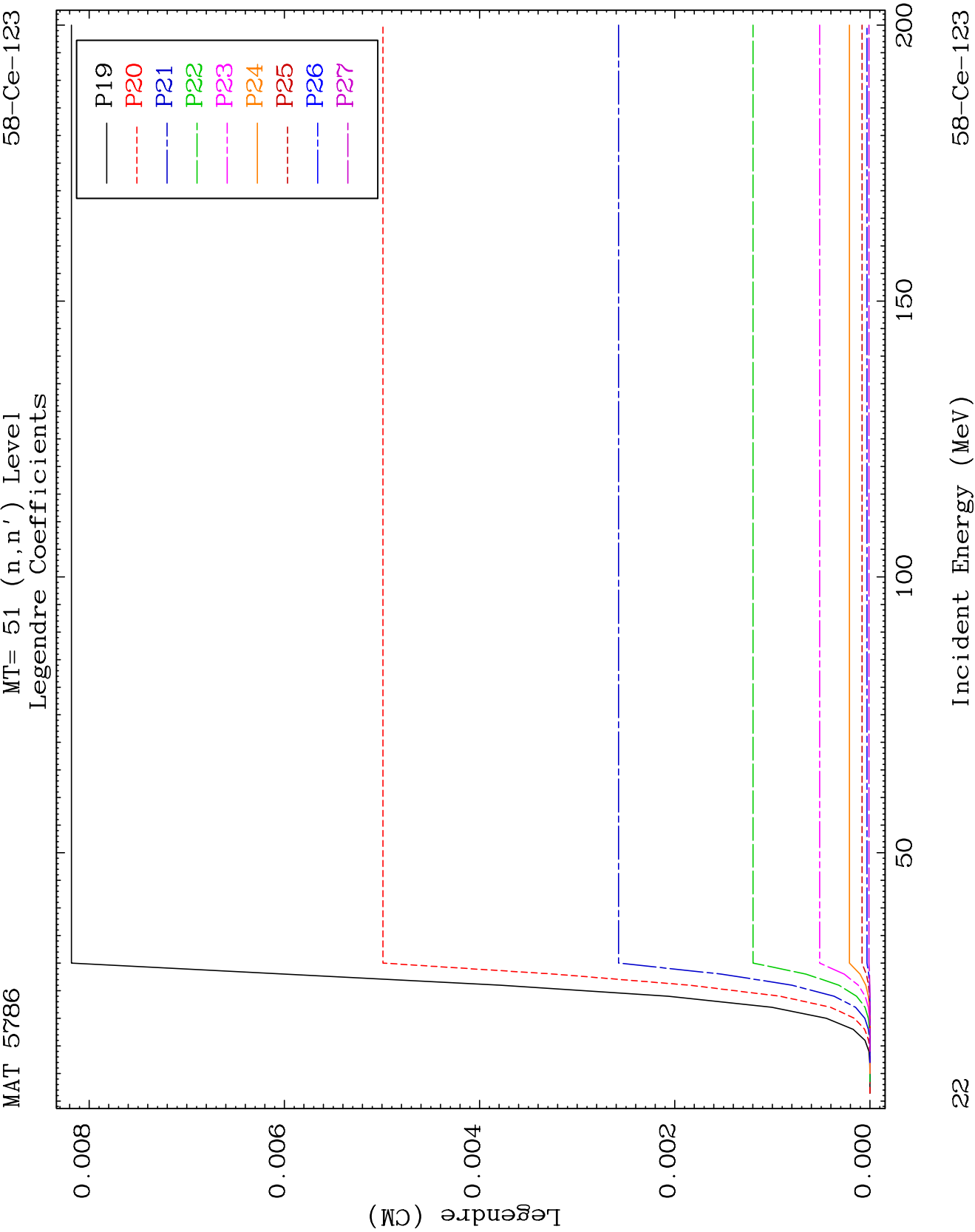
58-Ce-123

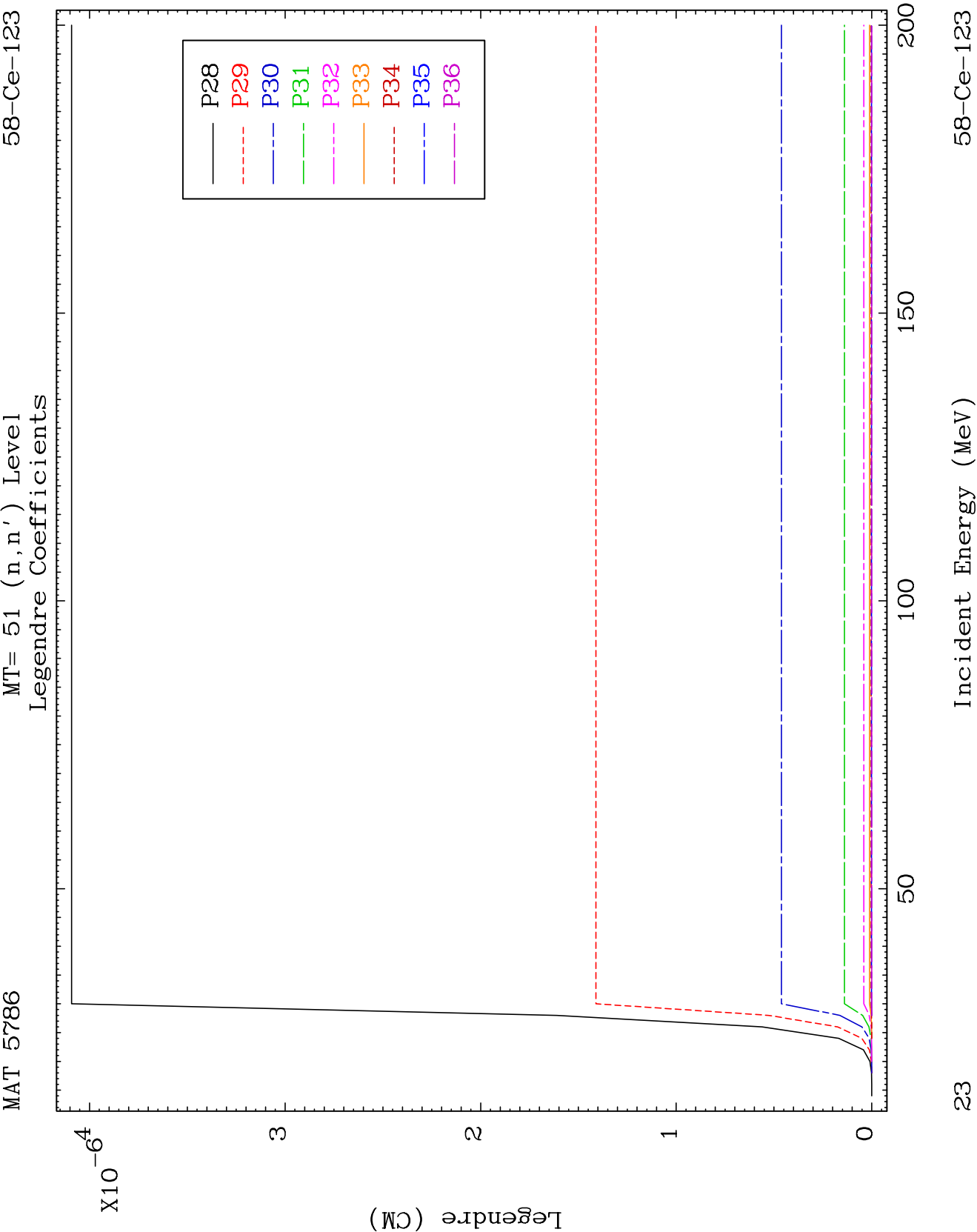








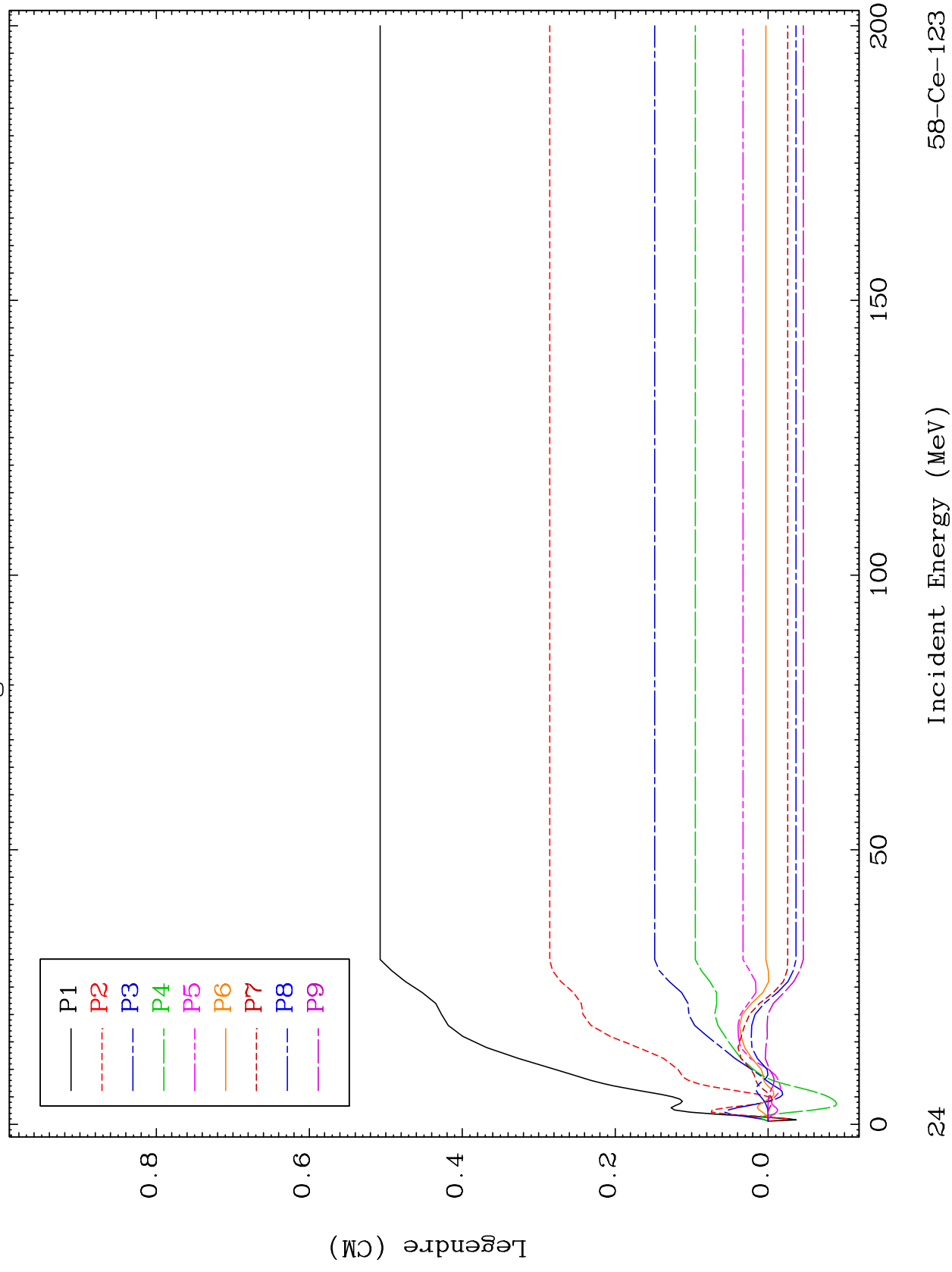


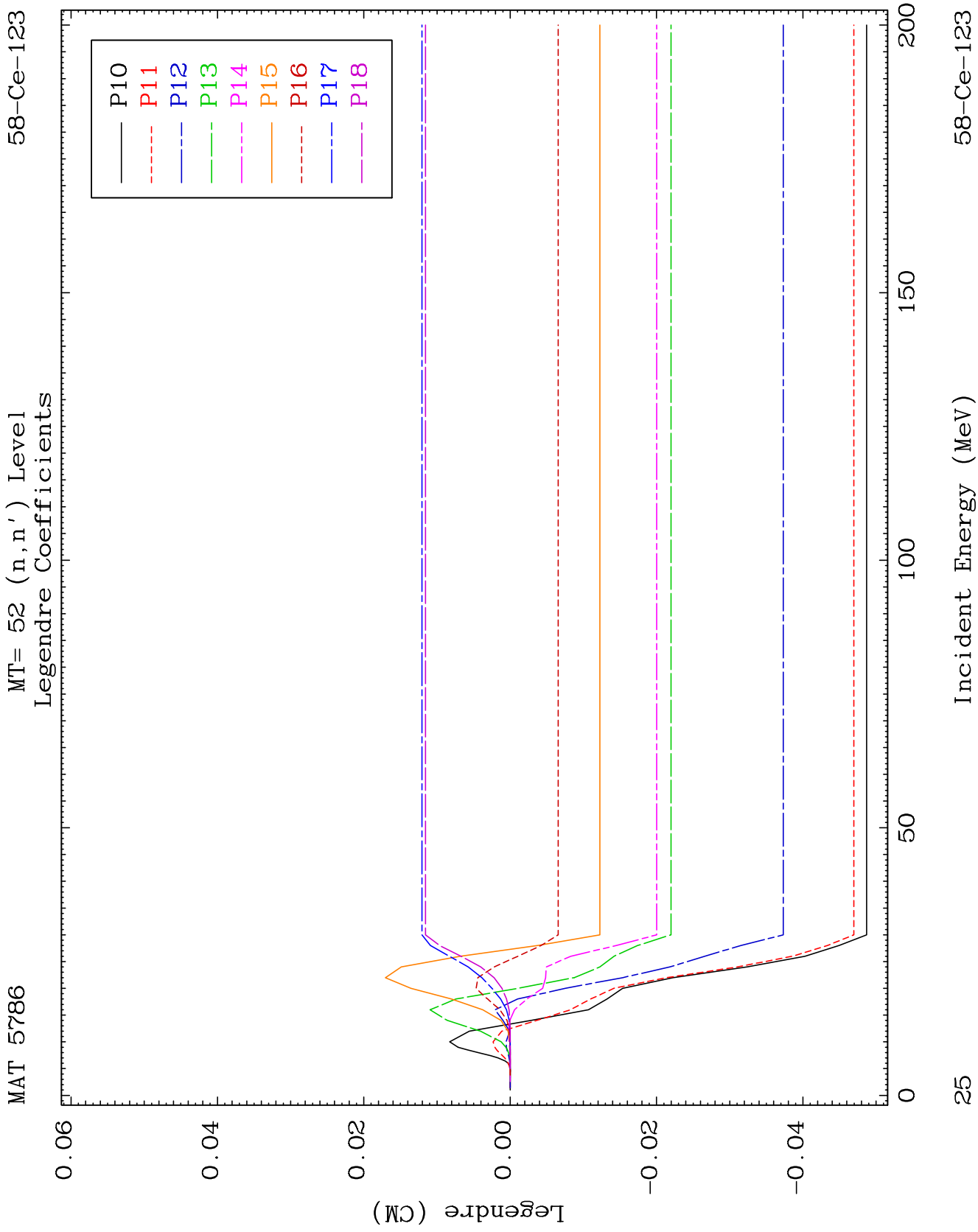


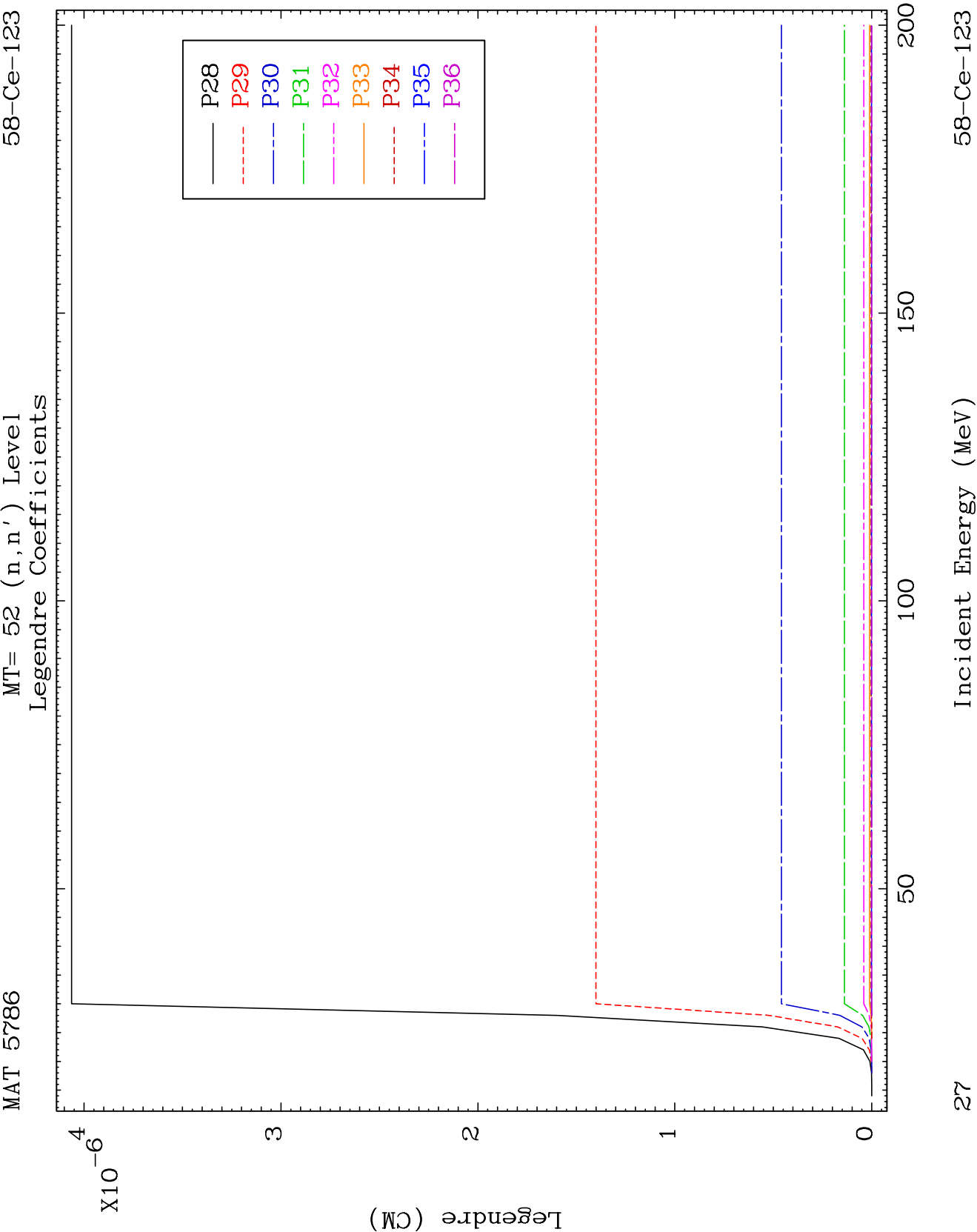
MAT 5786

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

58-Ce-123



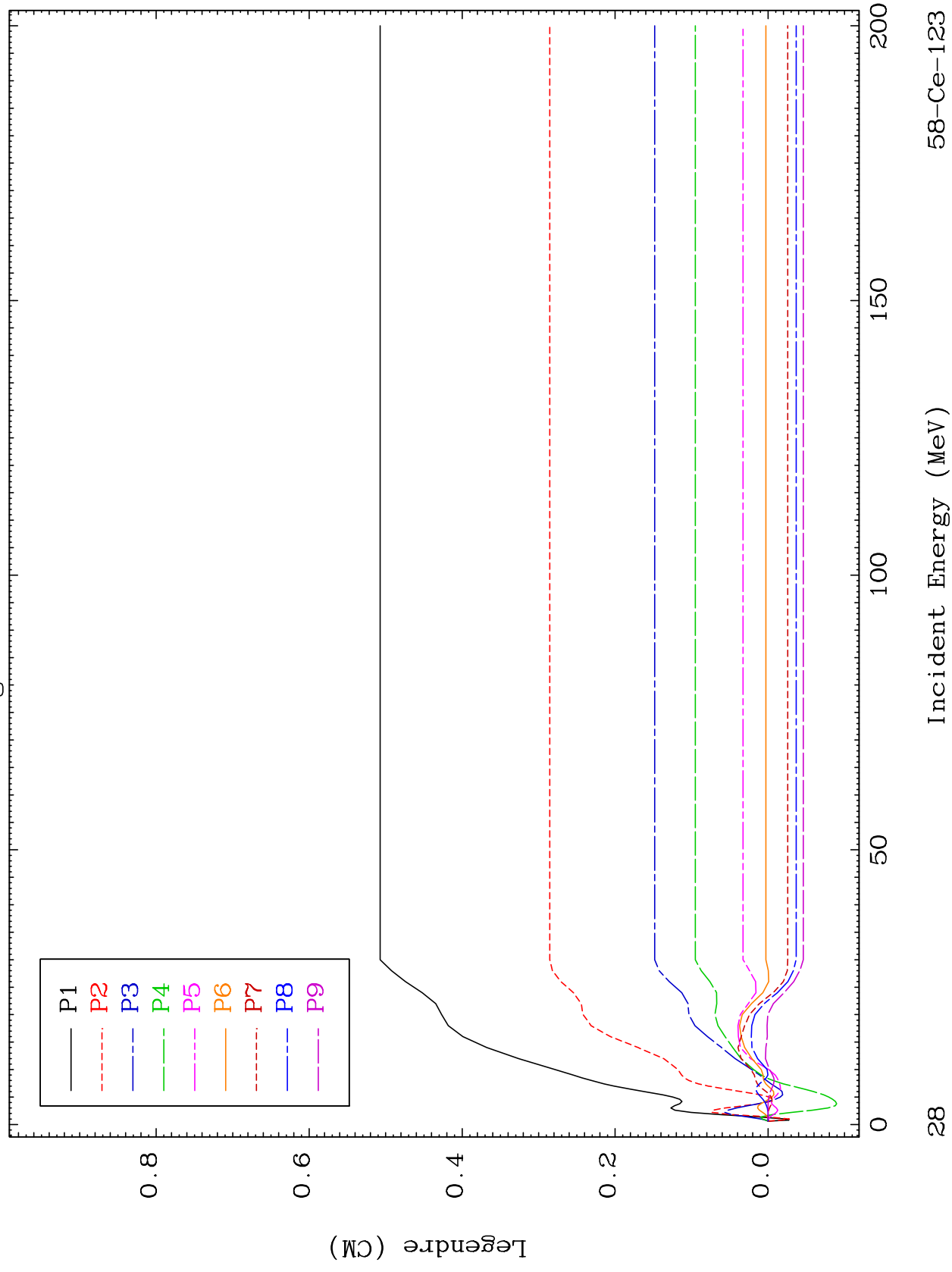




MAT 5786

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

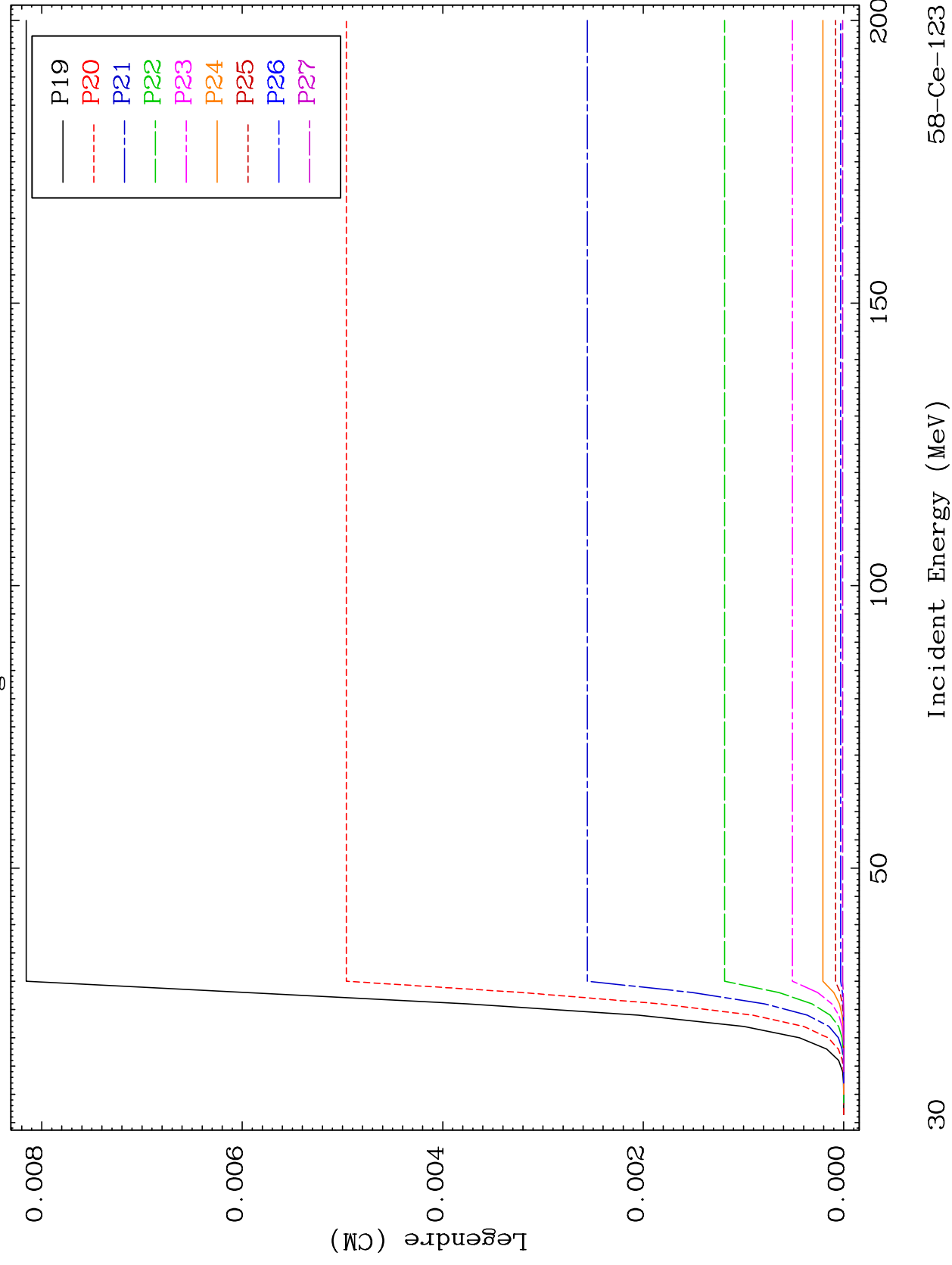
58-Ce-123



MAT 5786

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

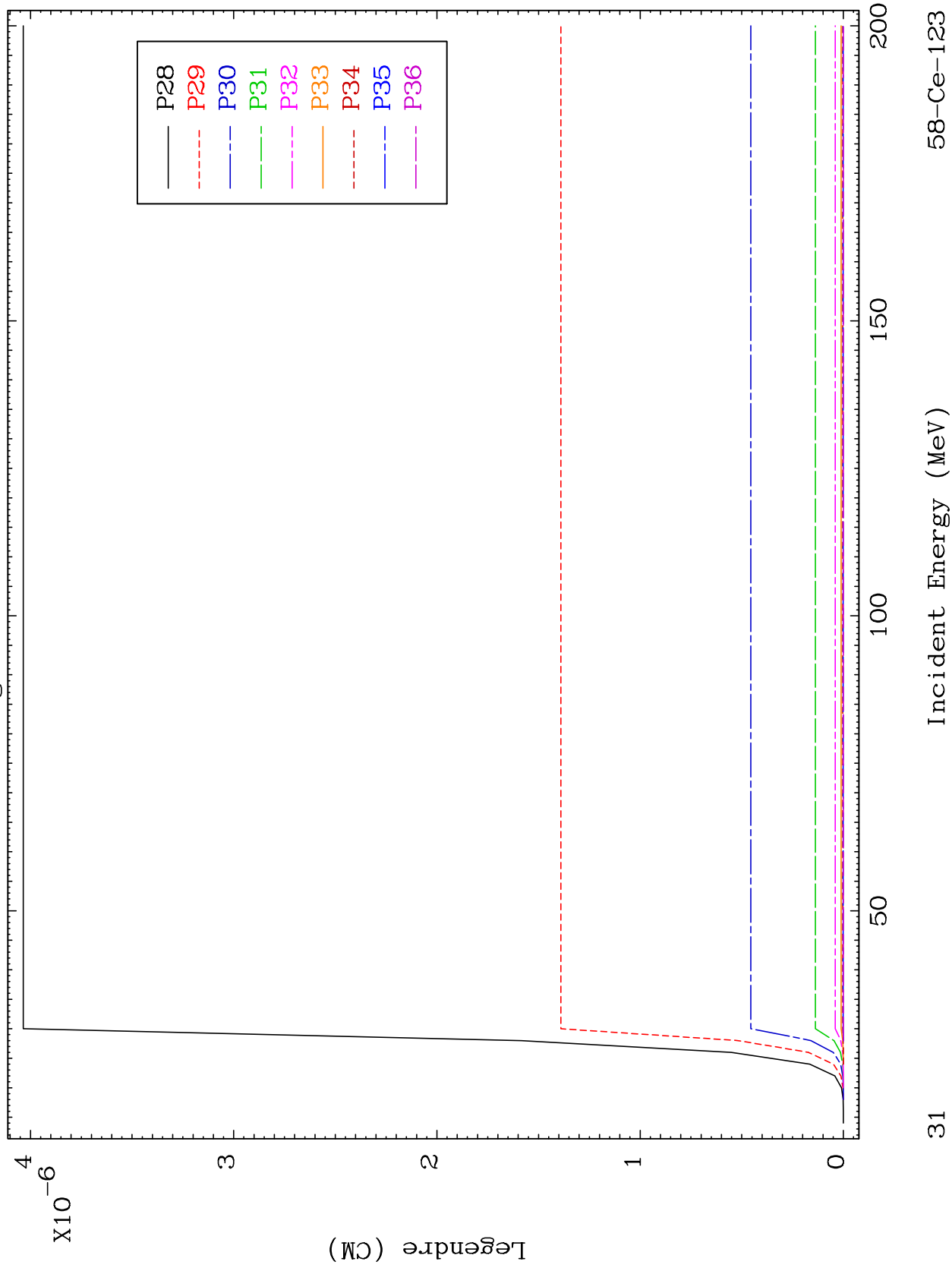
58-Ce-123



MAT 5786

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

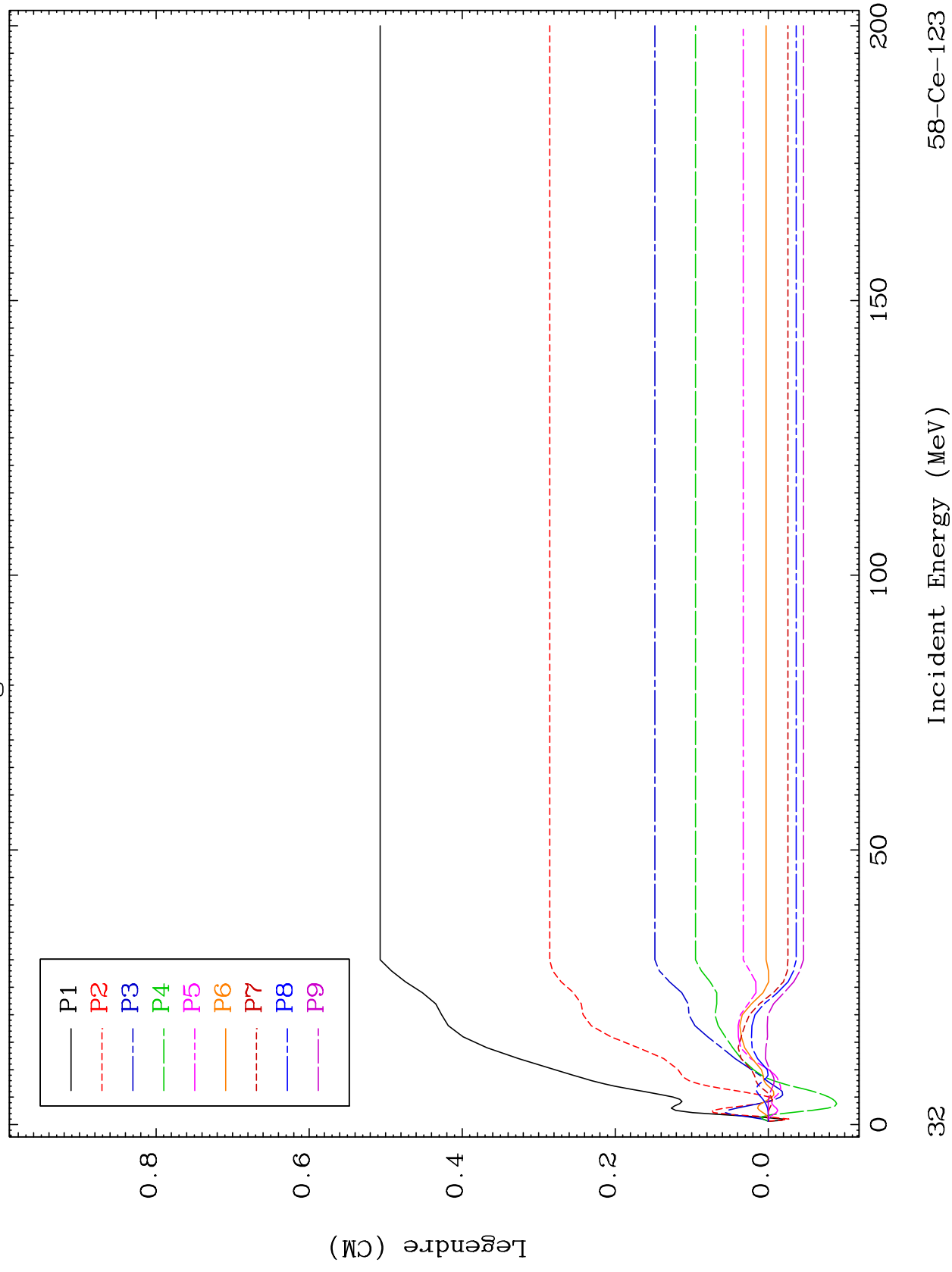
58-Ce-123

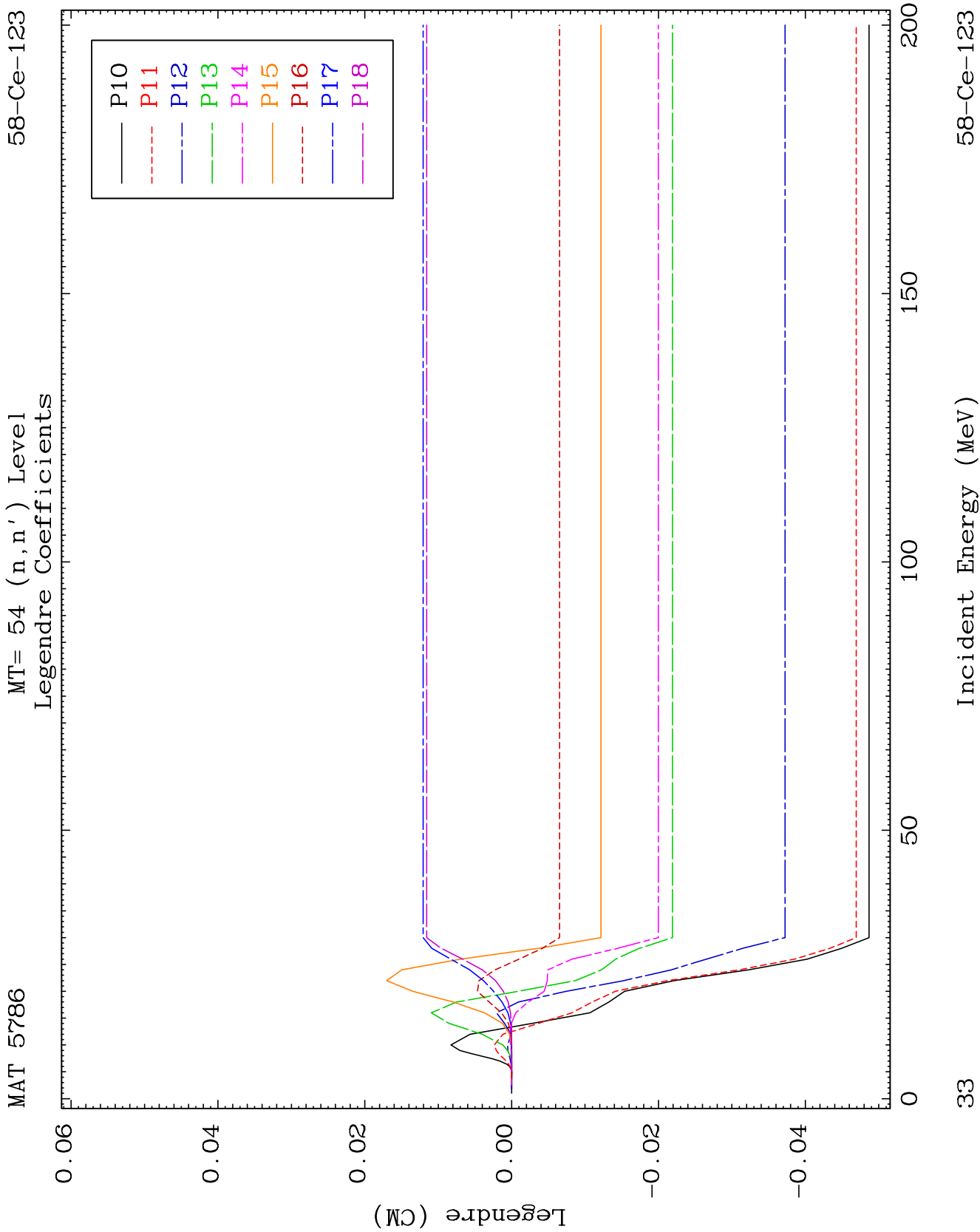


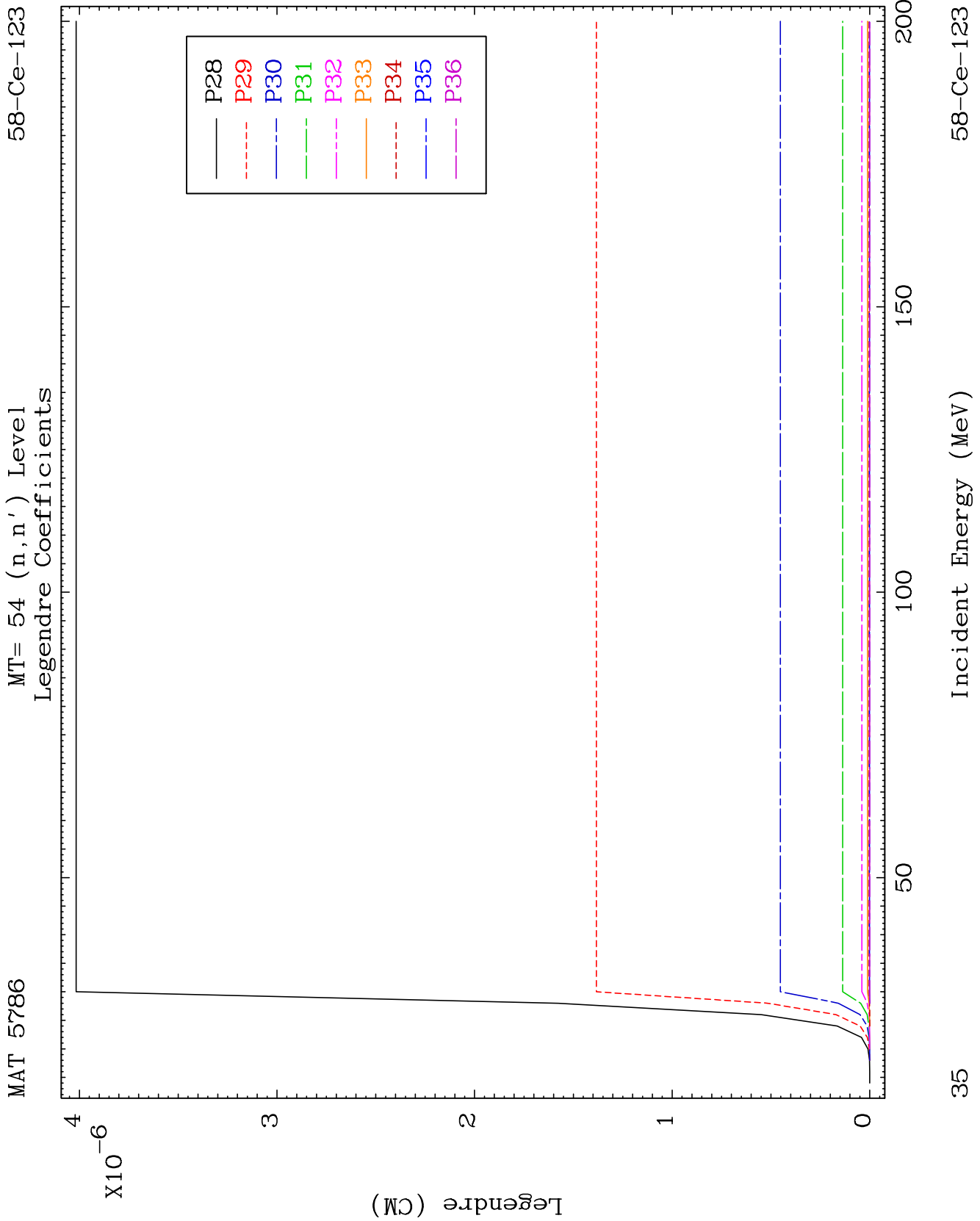
MAT 5786

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

58-Ce-123



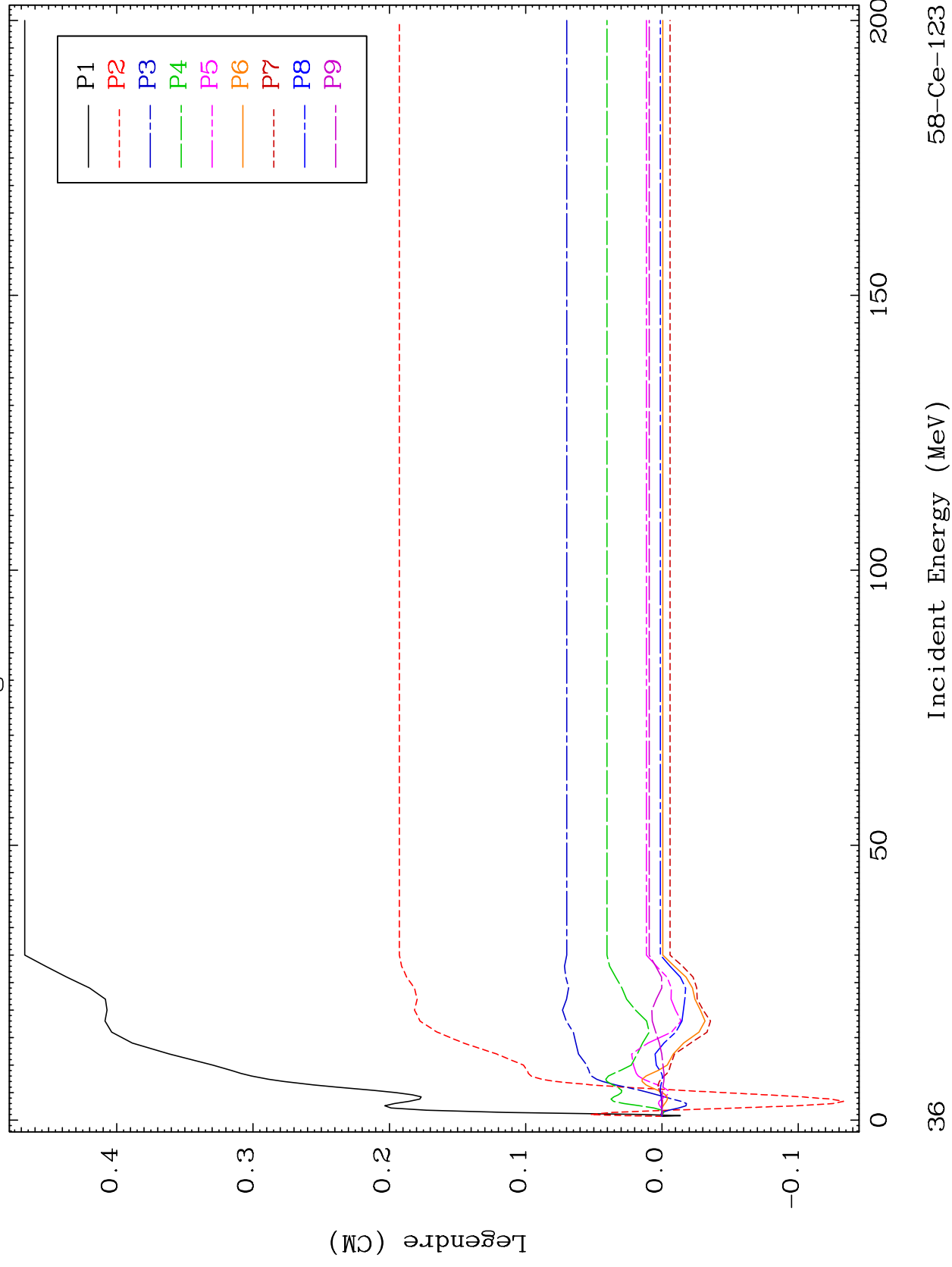




MAT 5786

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

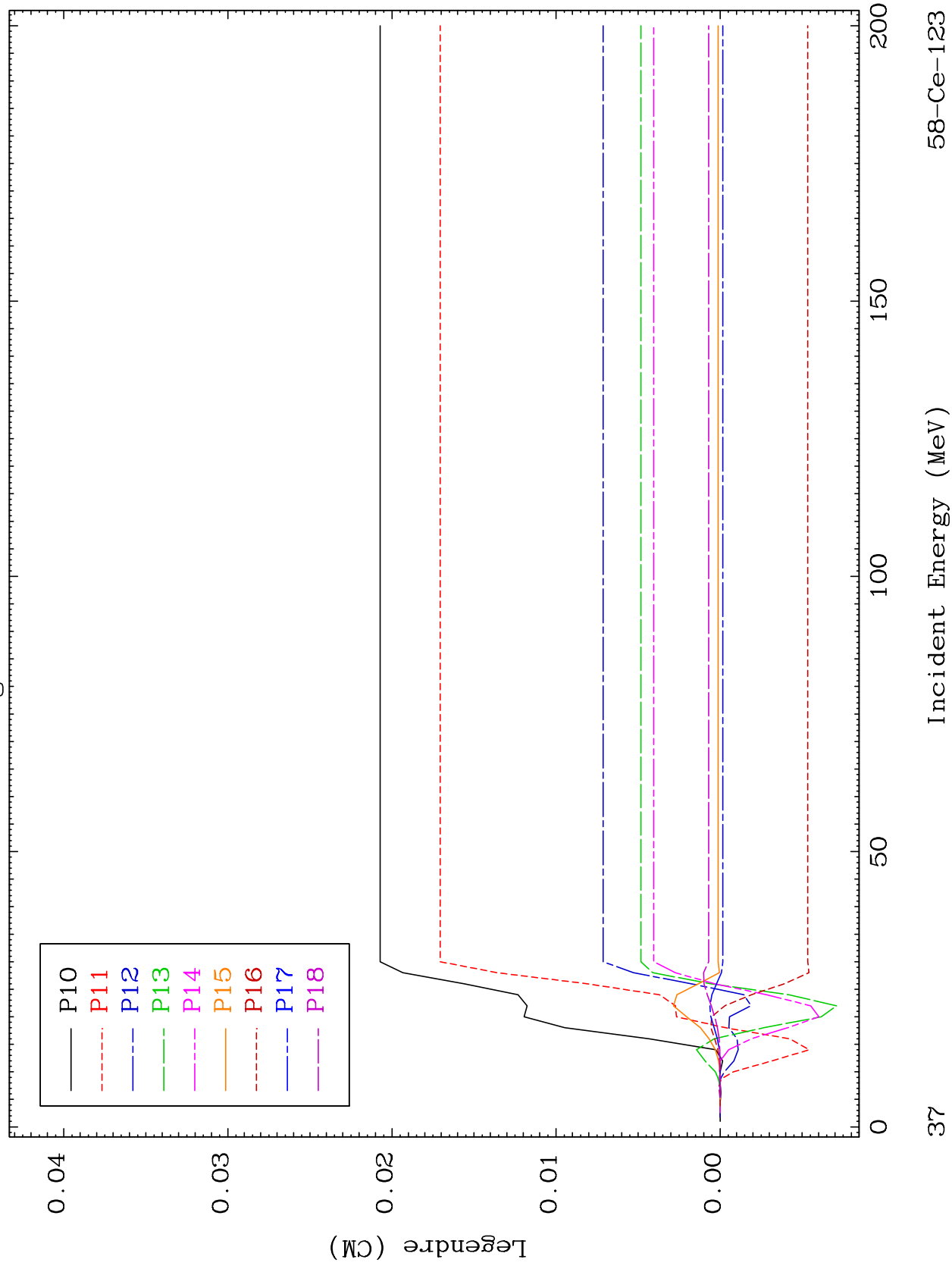
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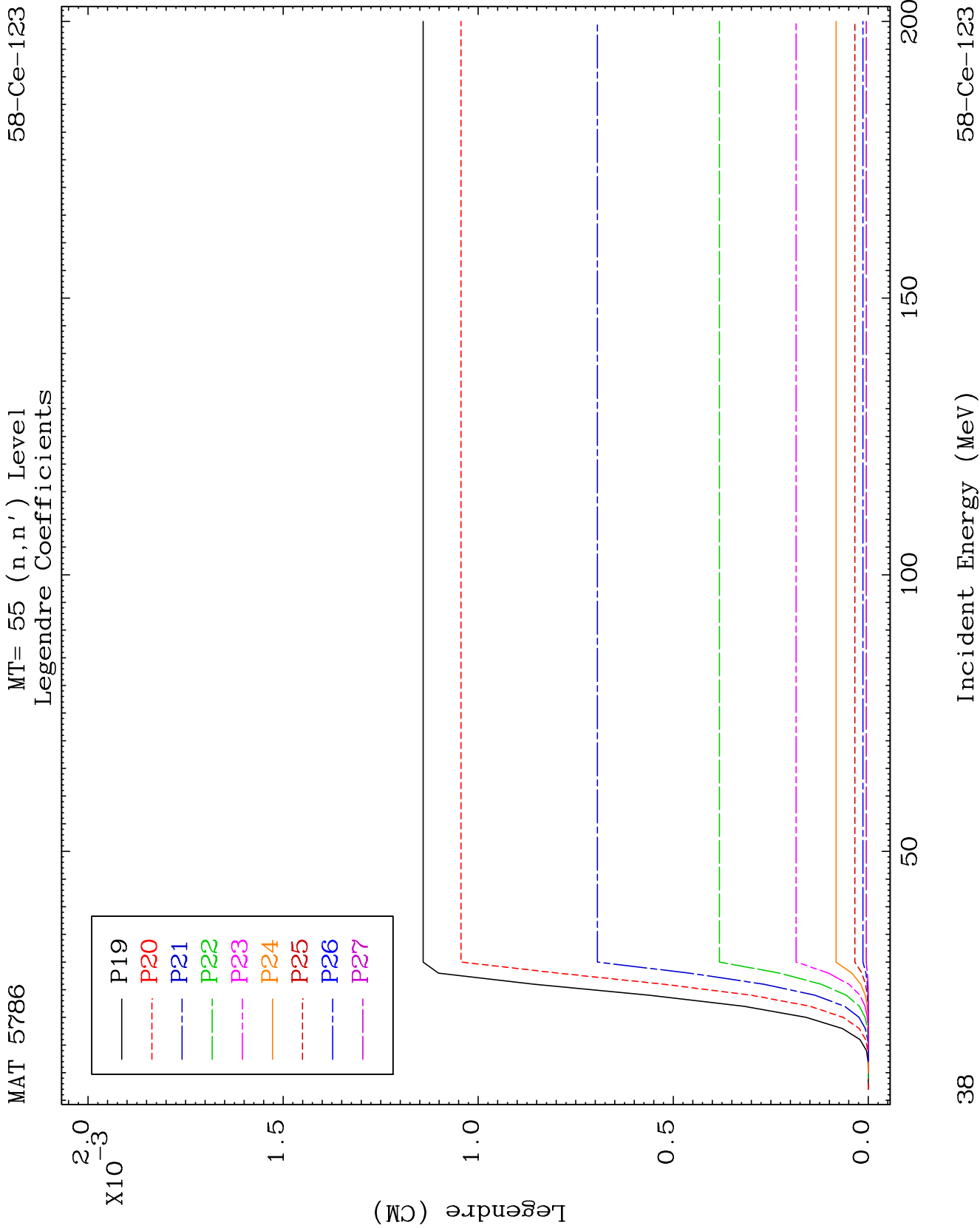


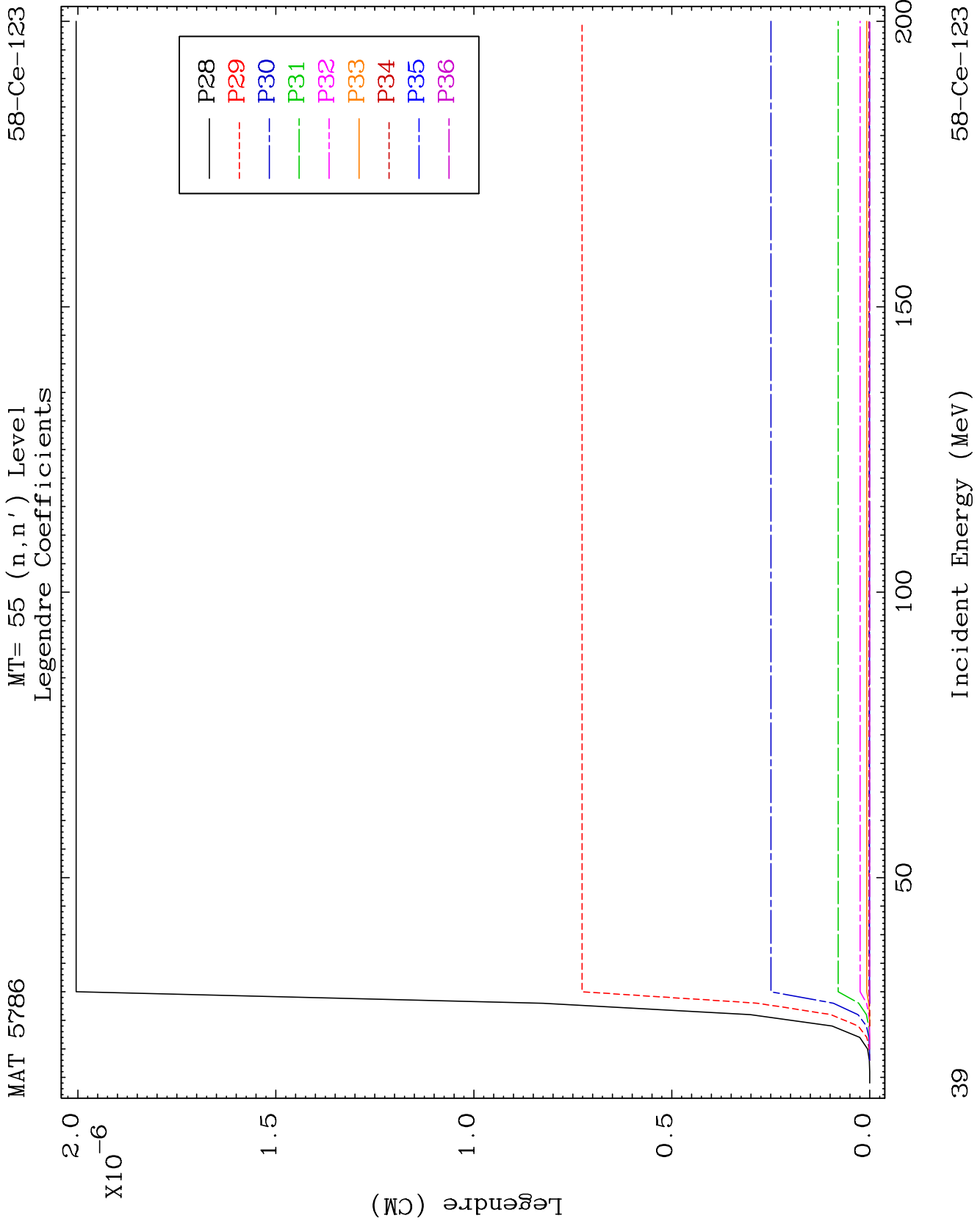
MAT 5786

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

58-Ce-123



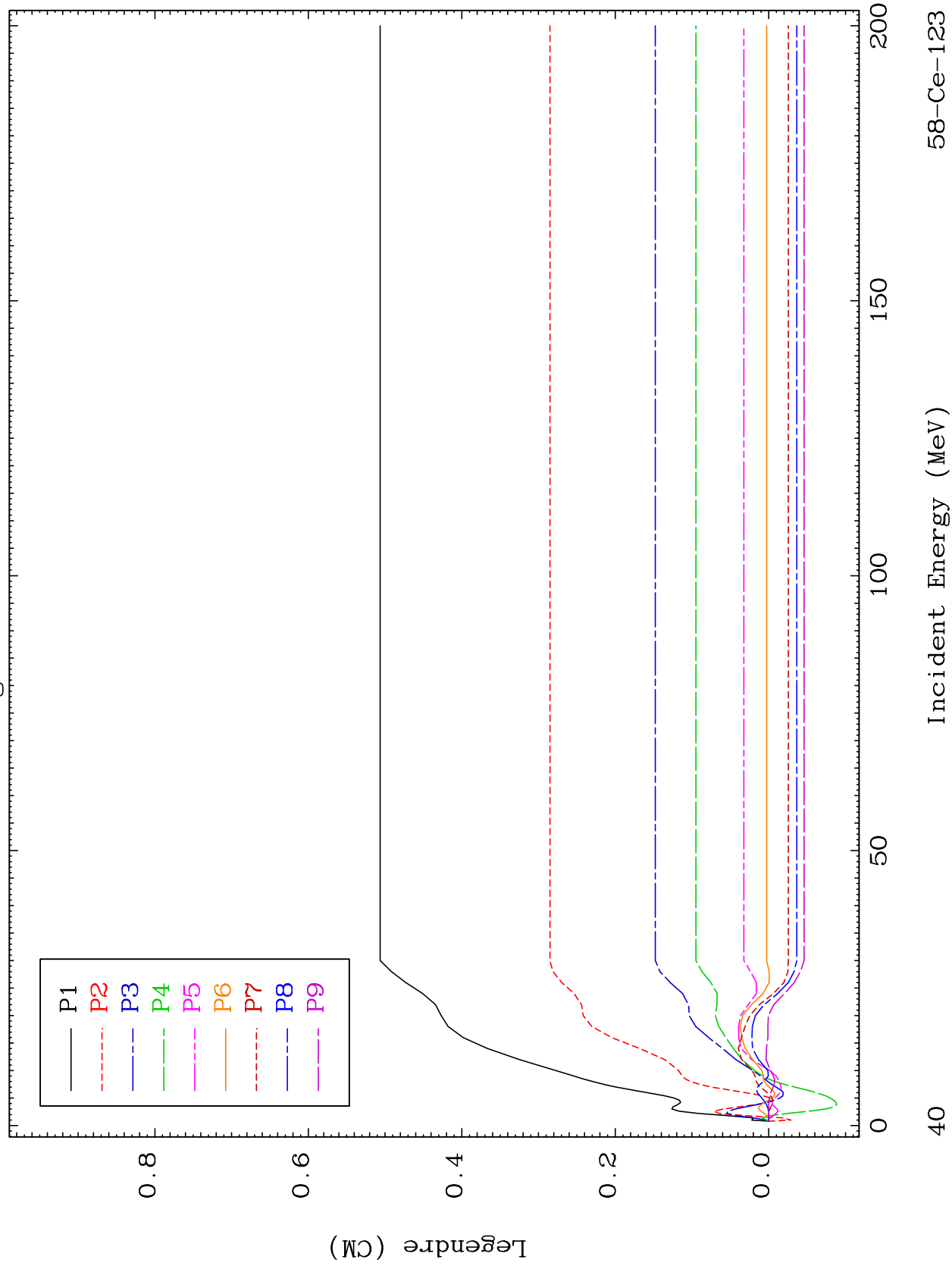




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MT= 56 (n, n') Level
Legendre Coefficients

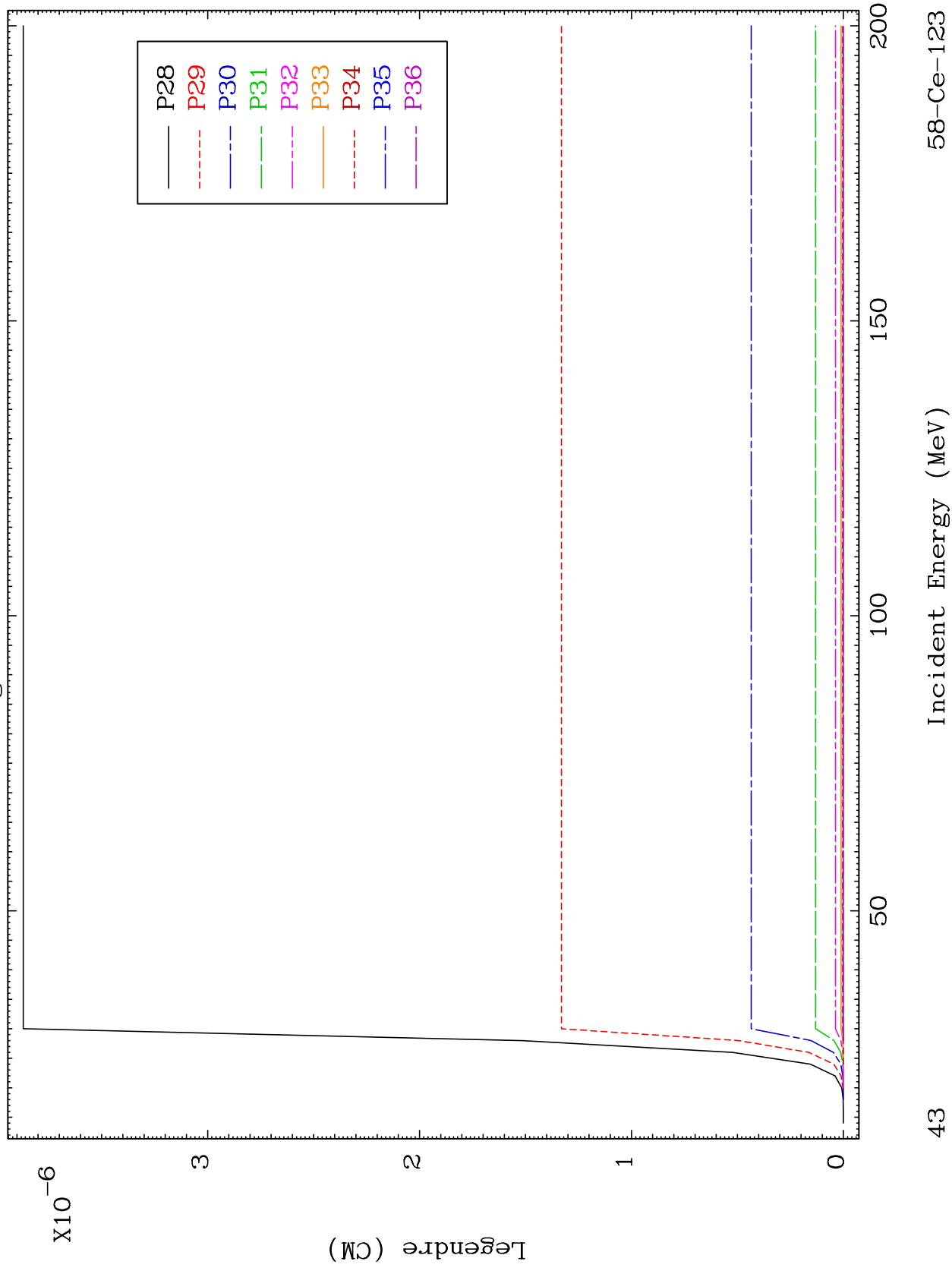
58-Ce-123



MAT 5786

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

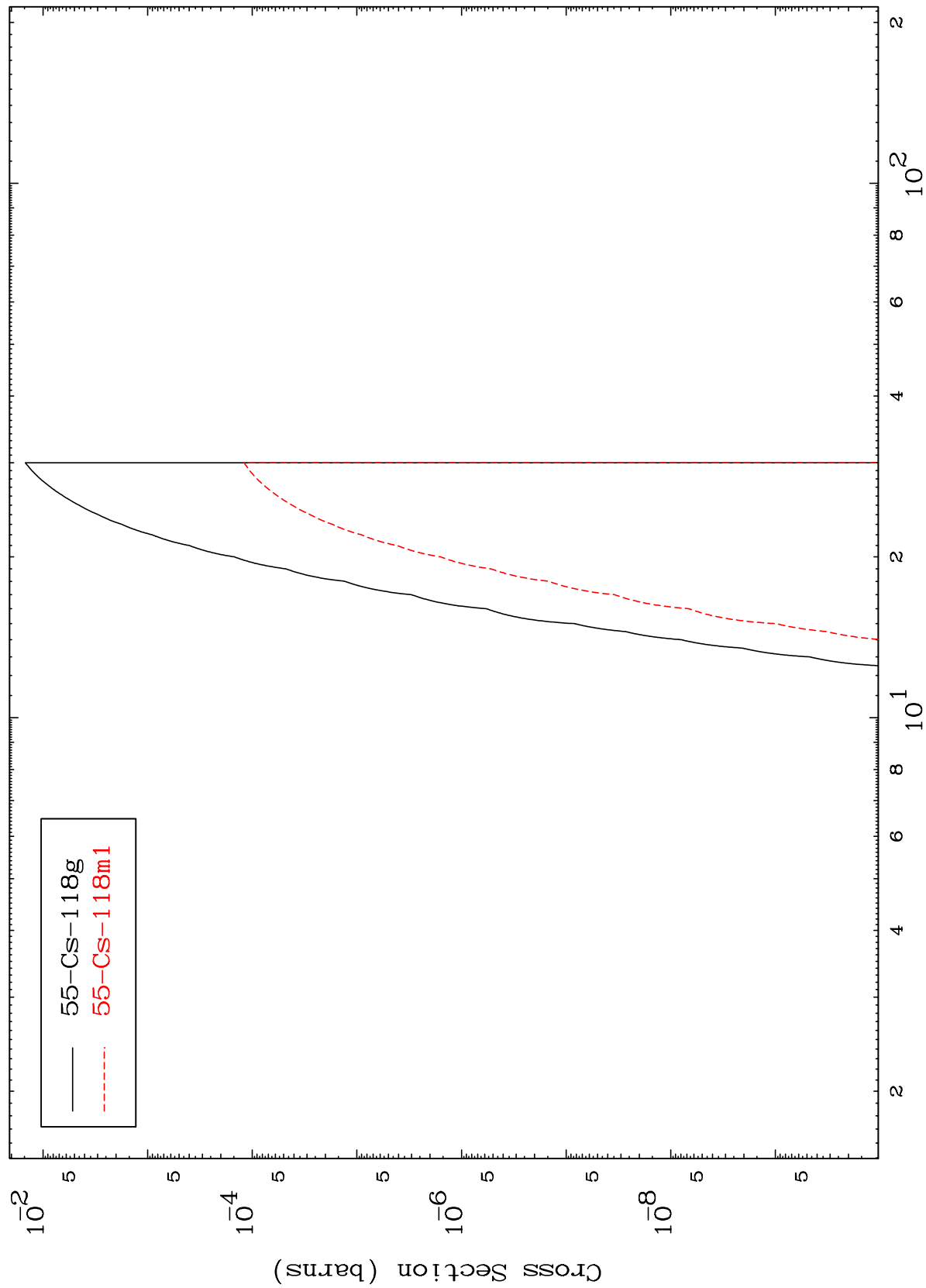
58-Ce-123



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58-Ce-123

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



44

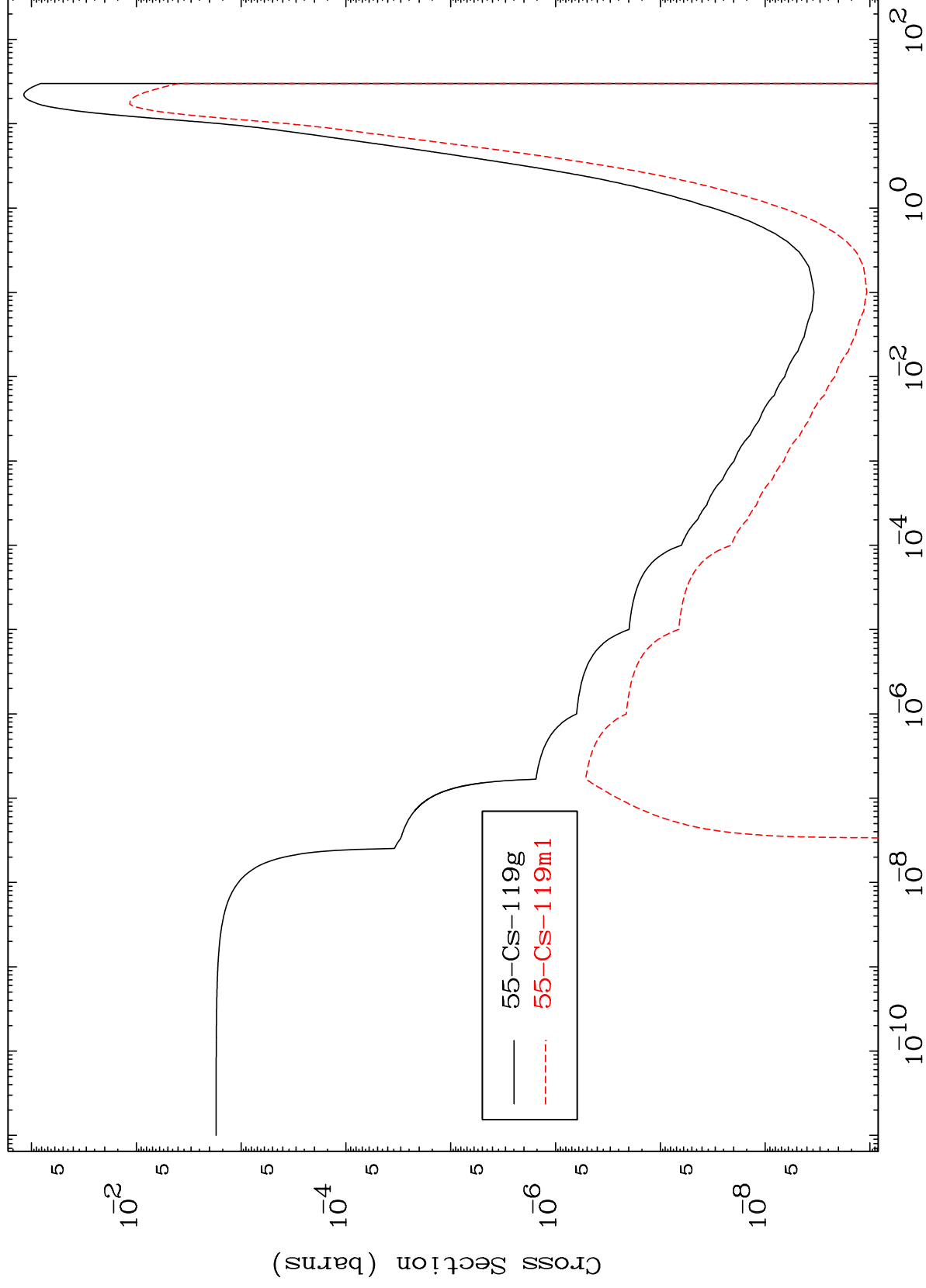
Incident Energy (MeV)

58-Ce-123

MAT 5786

58-Ce-123

(n,p) α
Radionuclide Production Cross Section



45

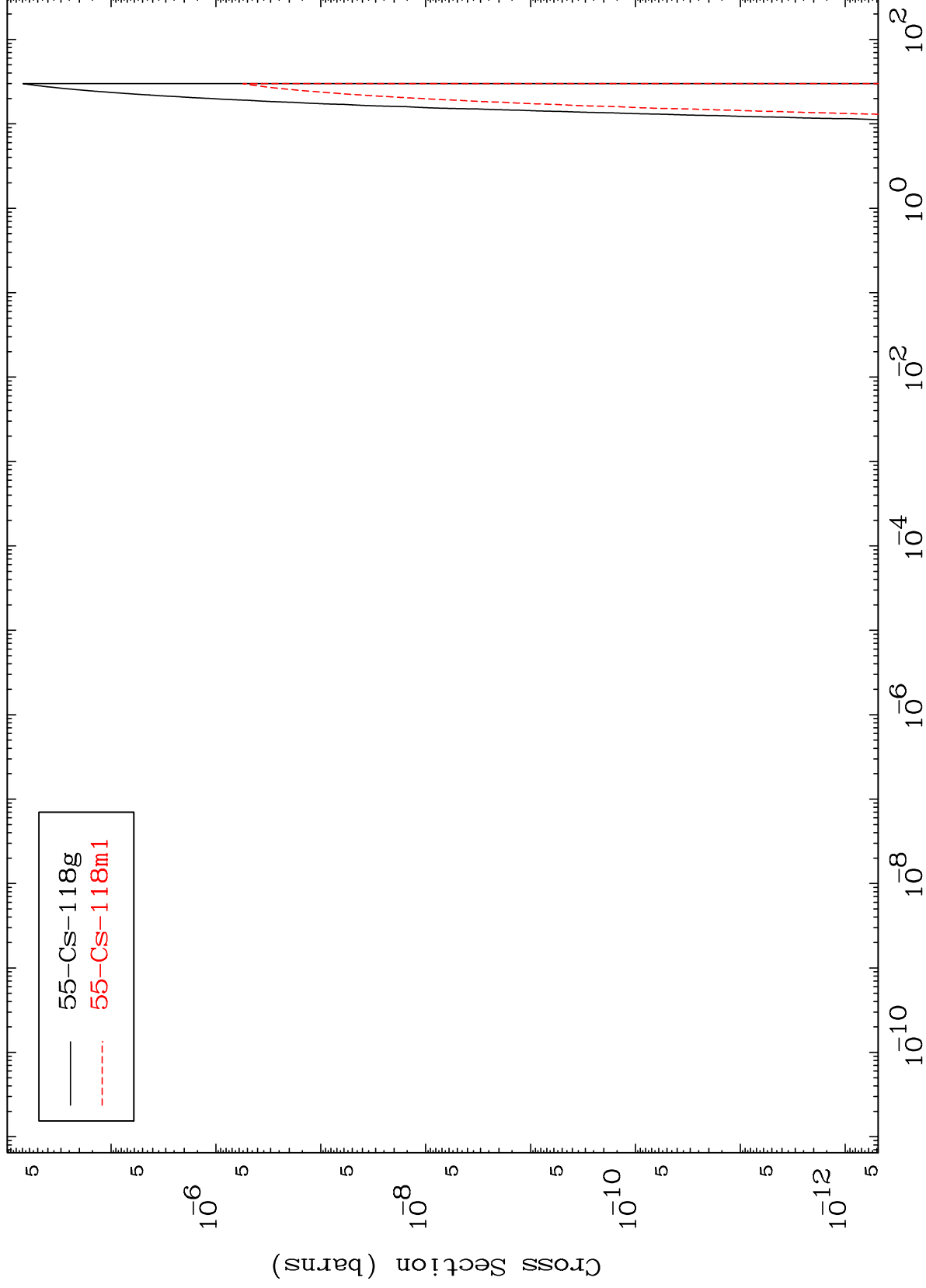
58-Ce-123

MAT 5786

(n,d) α

58-Ce-123

Radionuclide Production Cross Section



46

Incident Energy (MeV)

58-Ce-123