

Program EVALPLOT
(Version 2021-1)

by

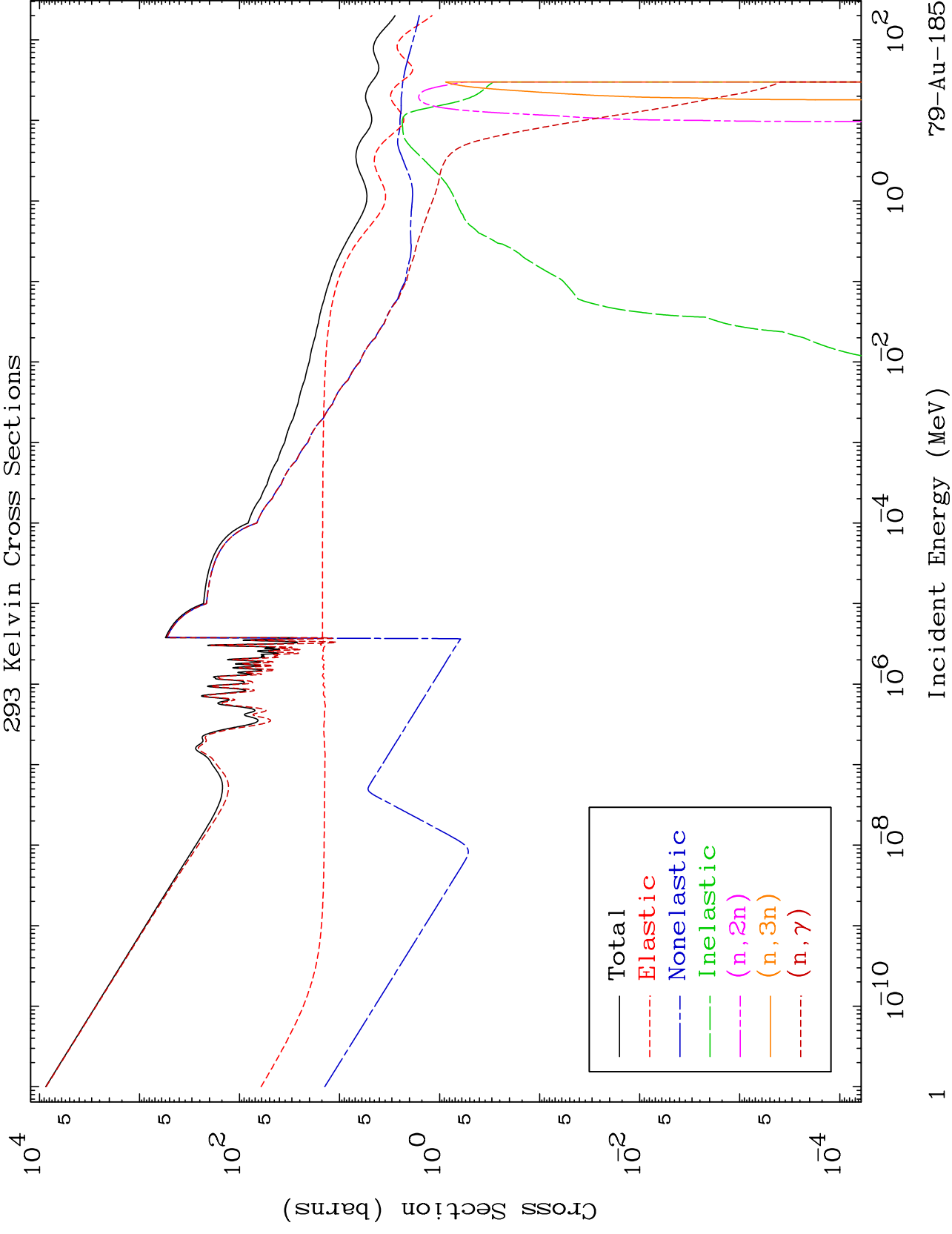
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
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Tele: 925-443-1911

E.Mail: redcullen1@comcast.net
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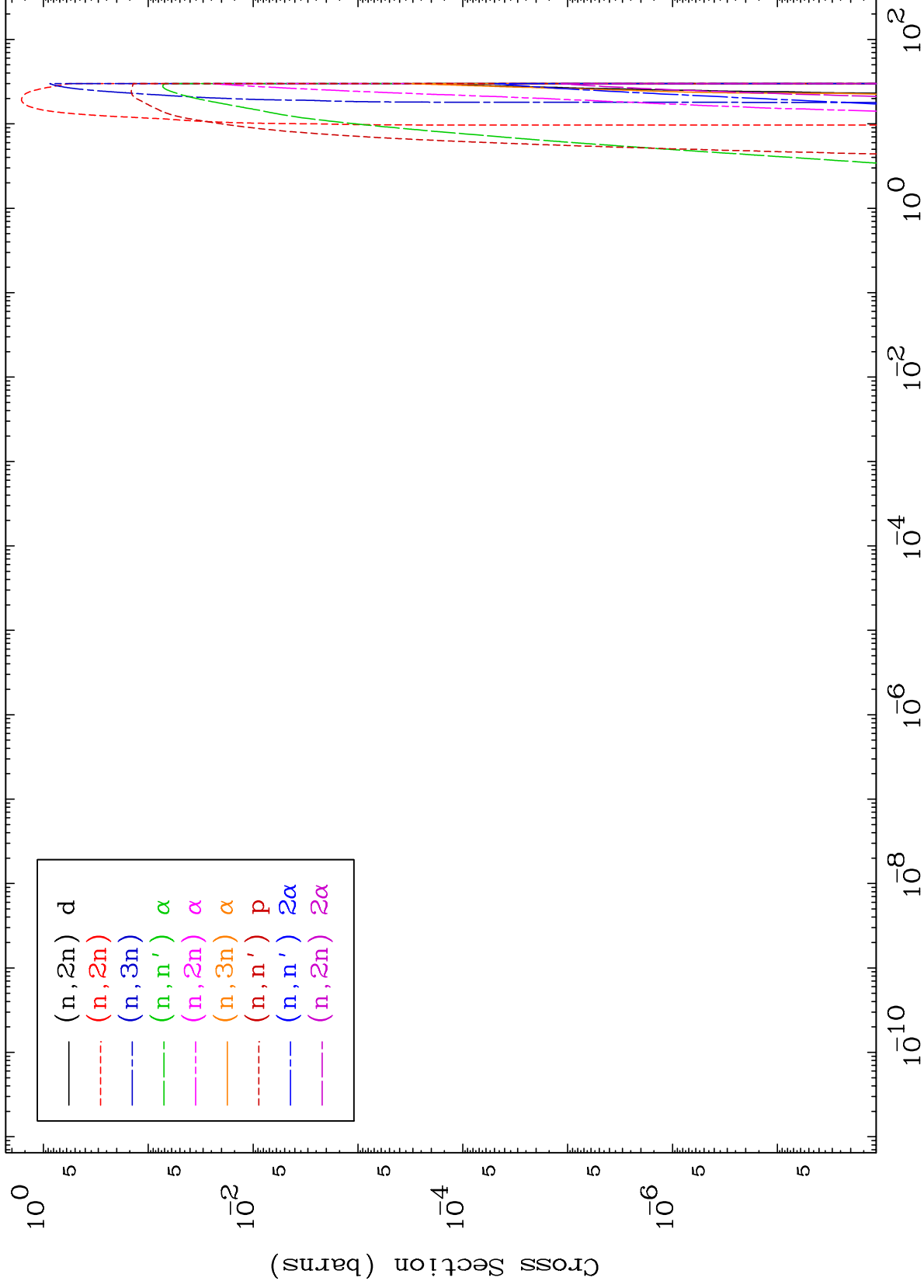
Press Mouse Button to Start

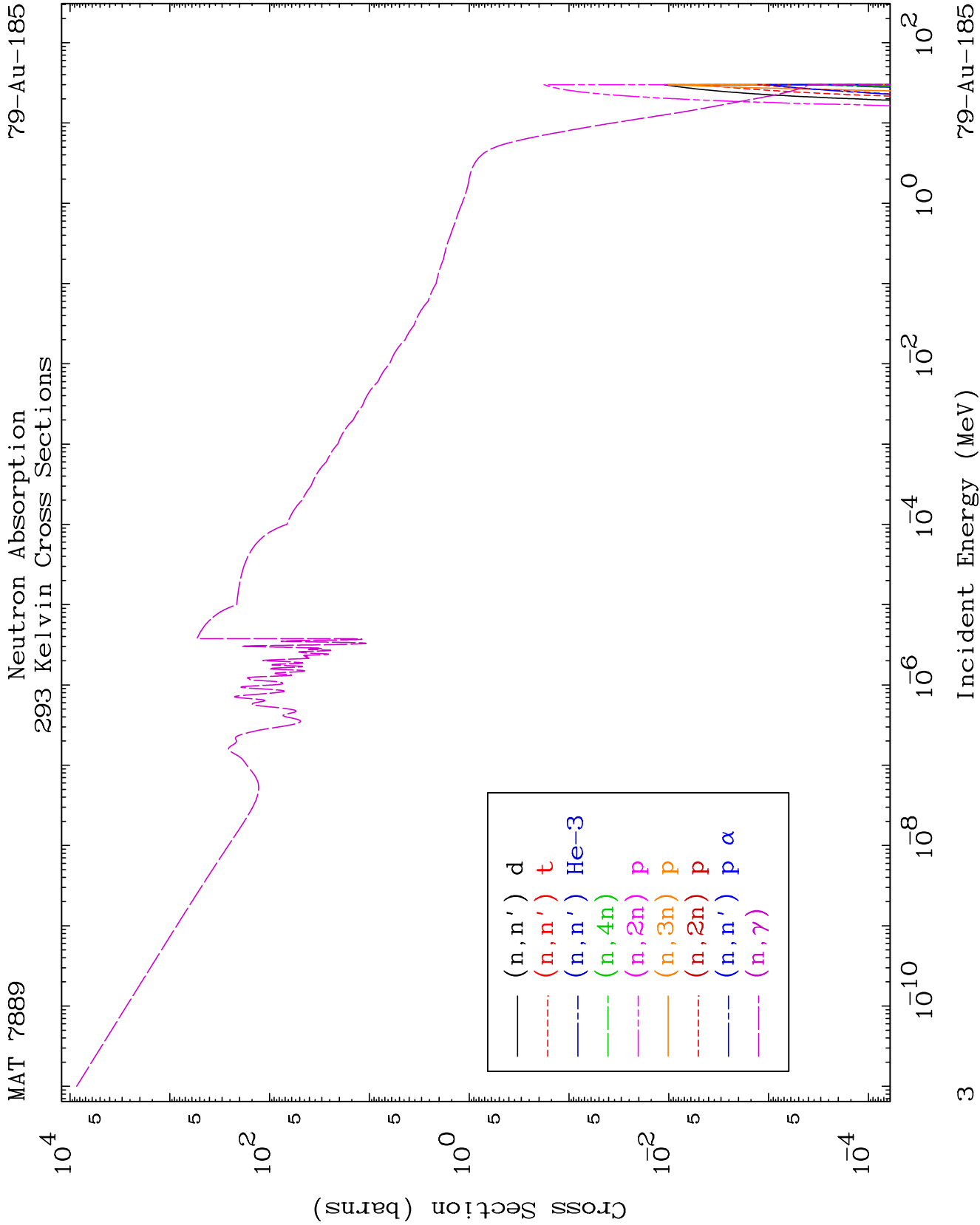


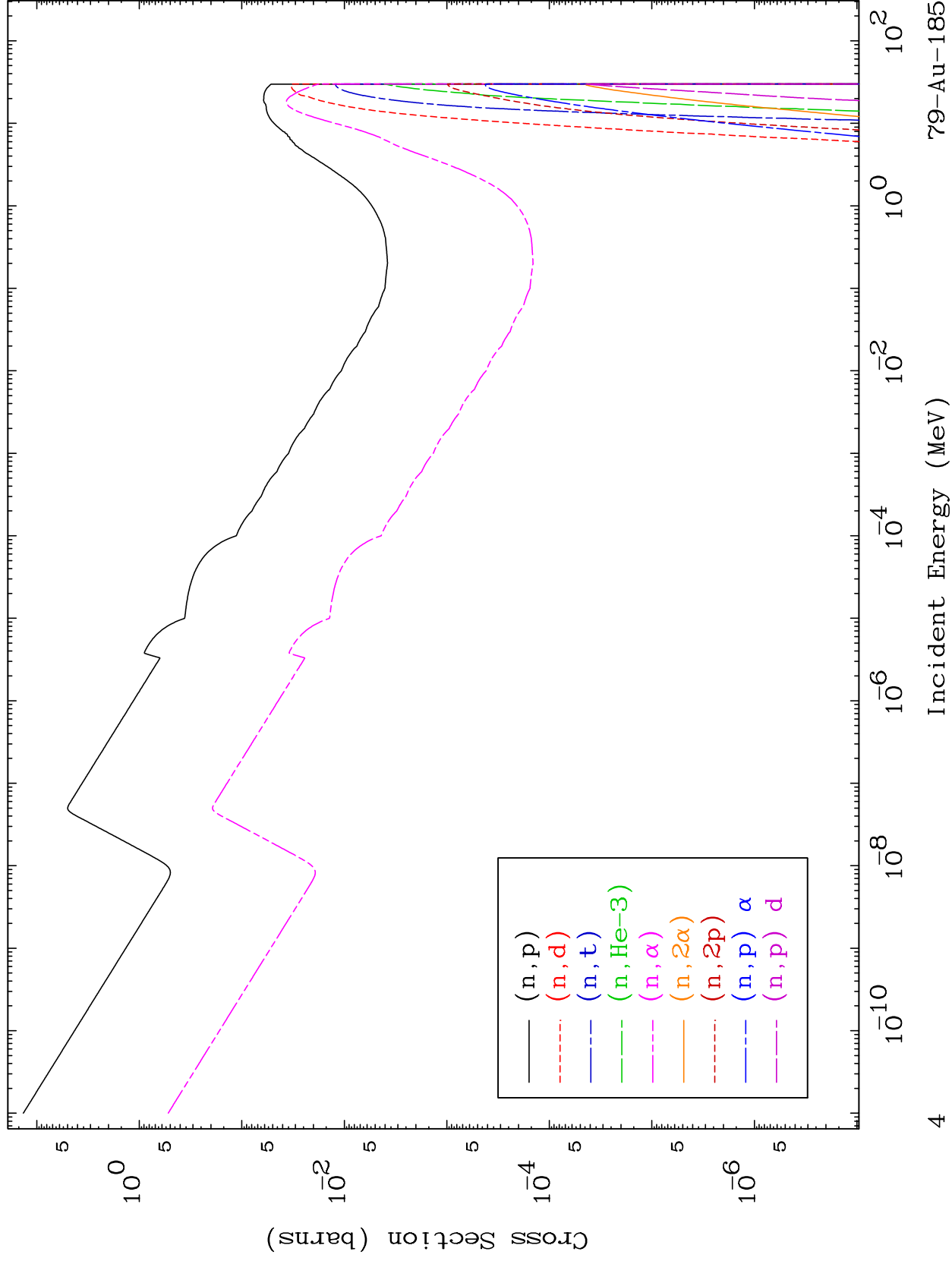
MAT 7889

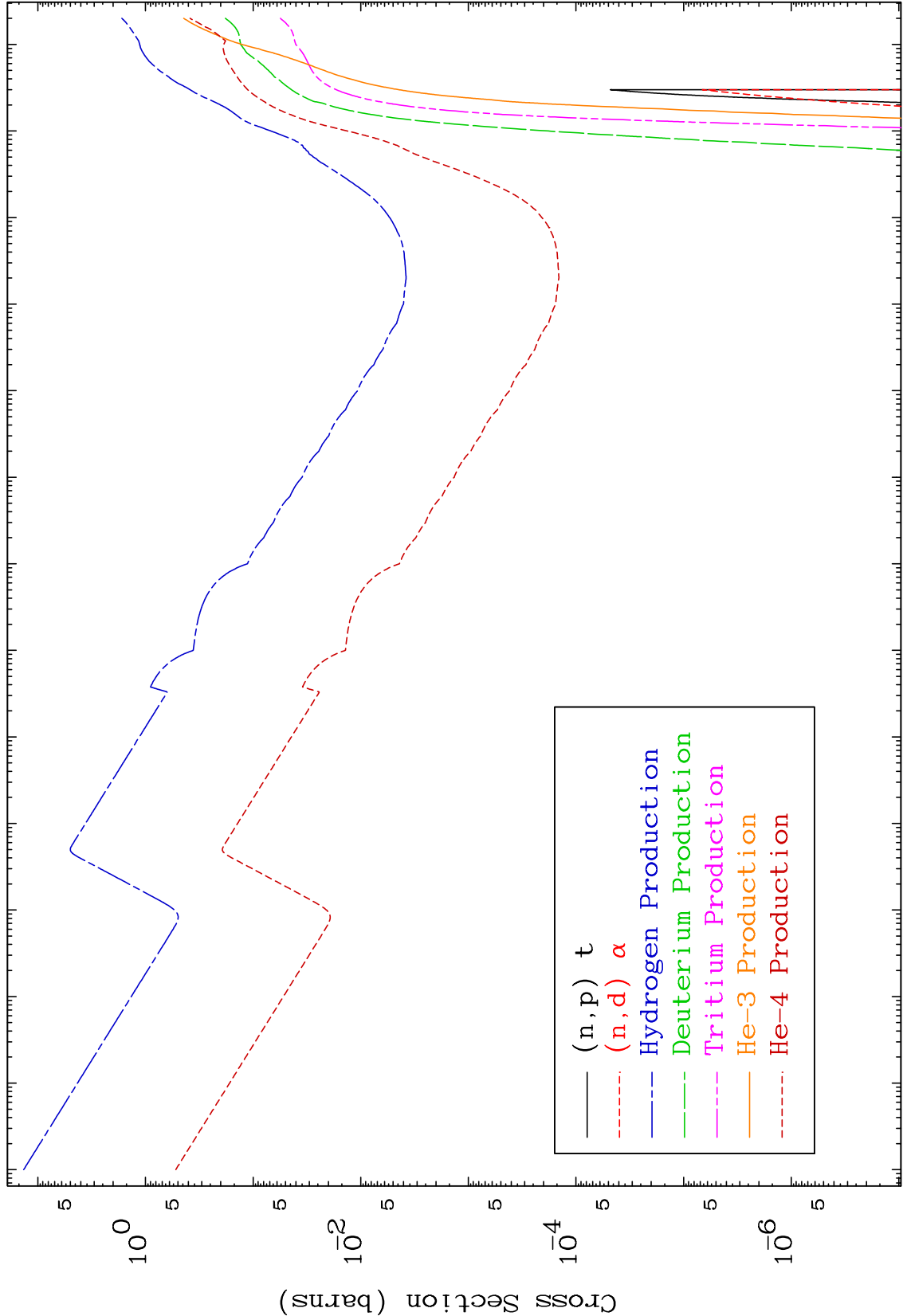
Neutron Absorption
293 Kelvin Cross Sections

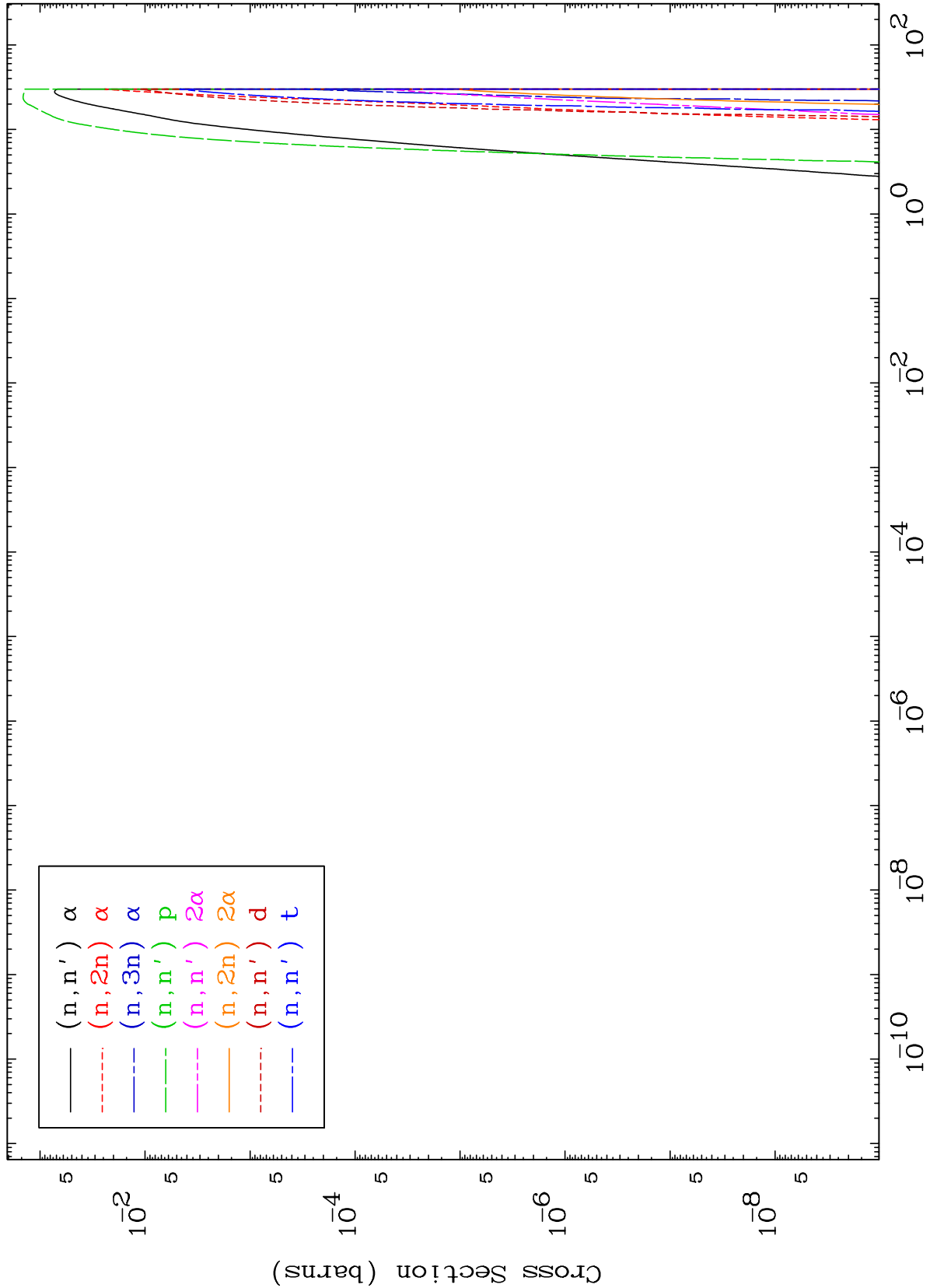
79-Au-185

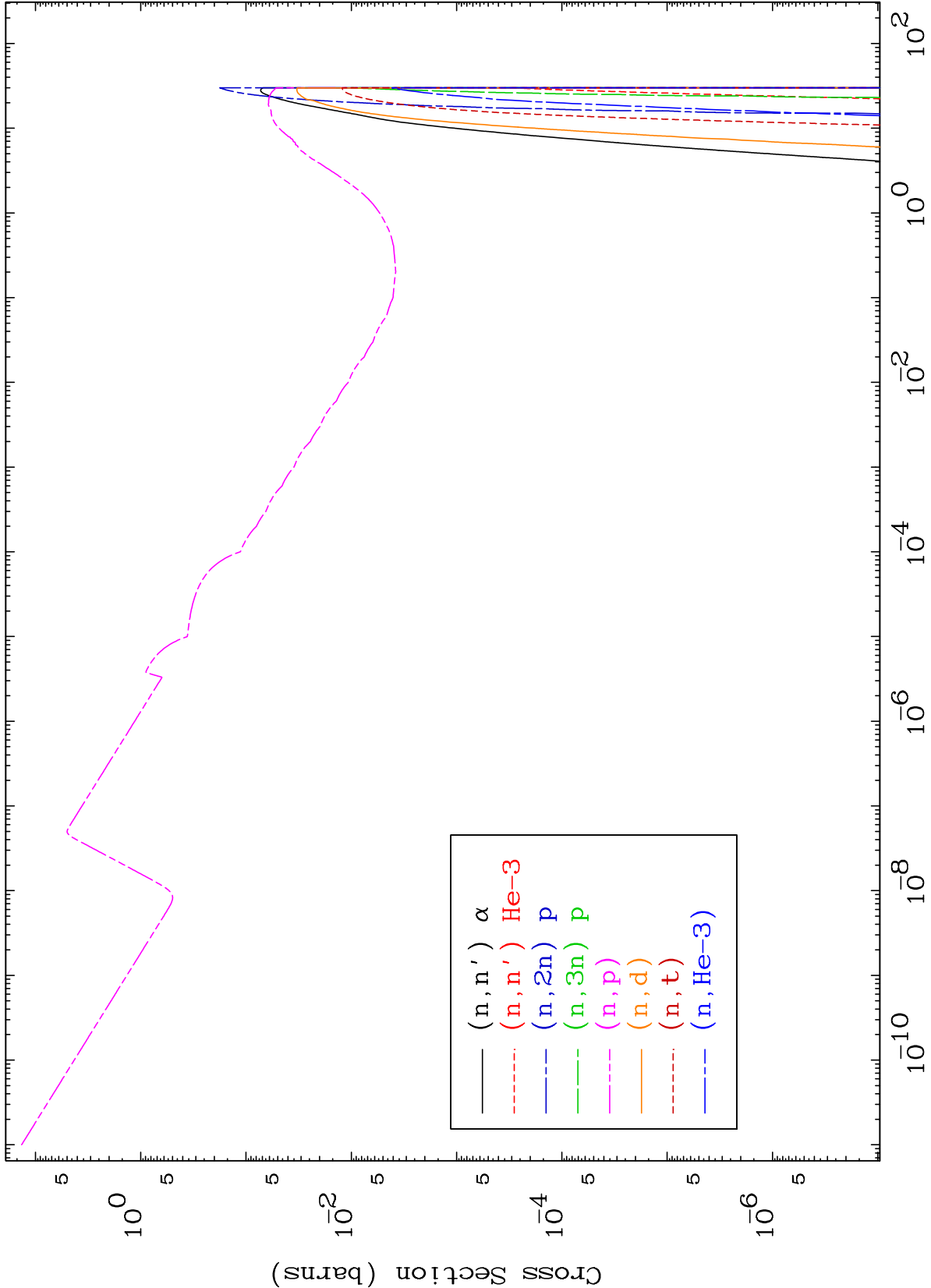


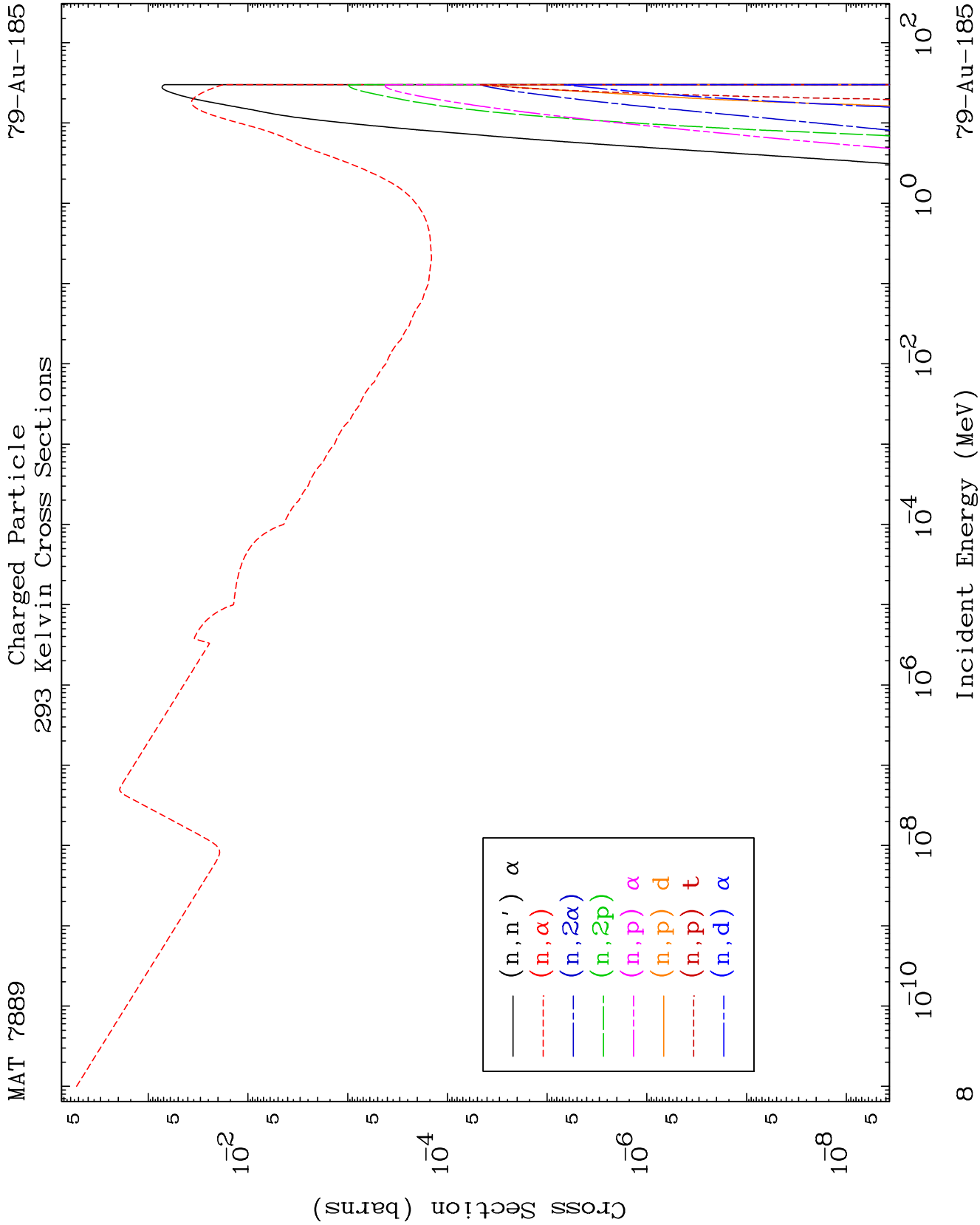


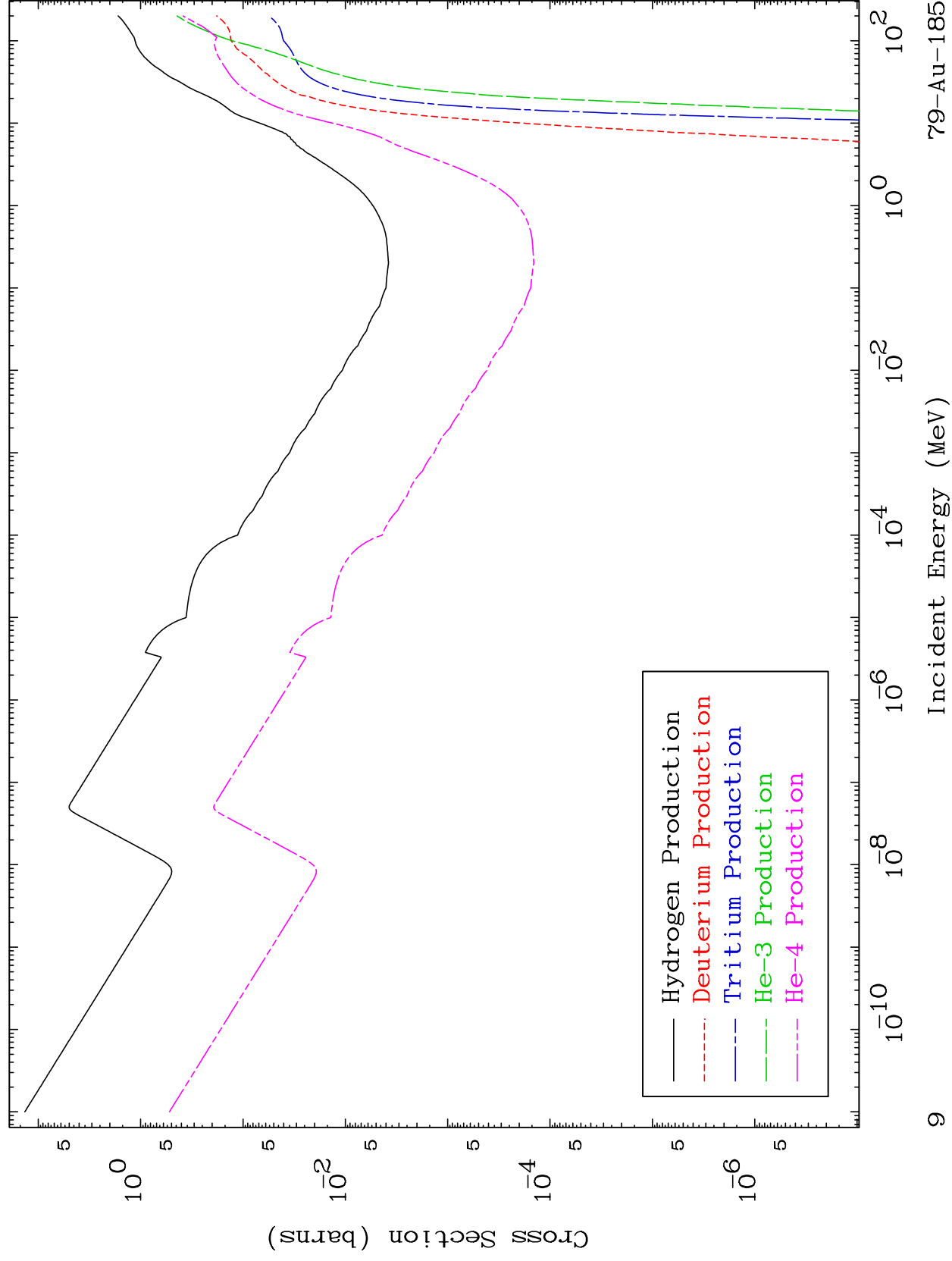










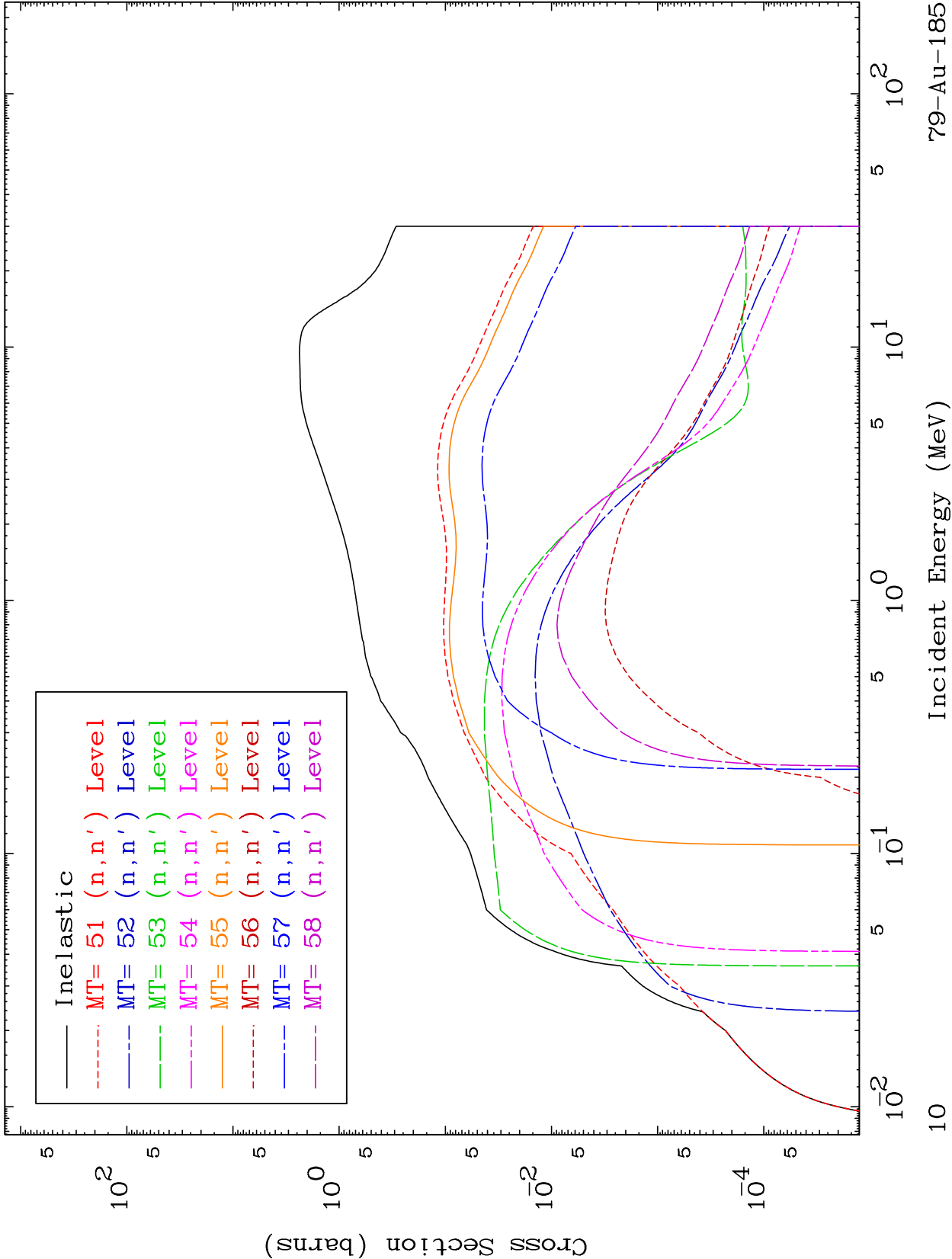


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(n,n') Levels

293 Kelvin Cross Sections

79-Au-185

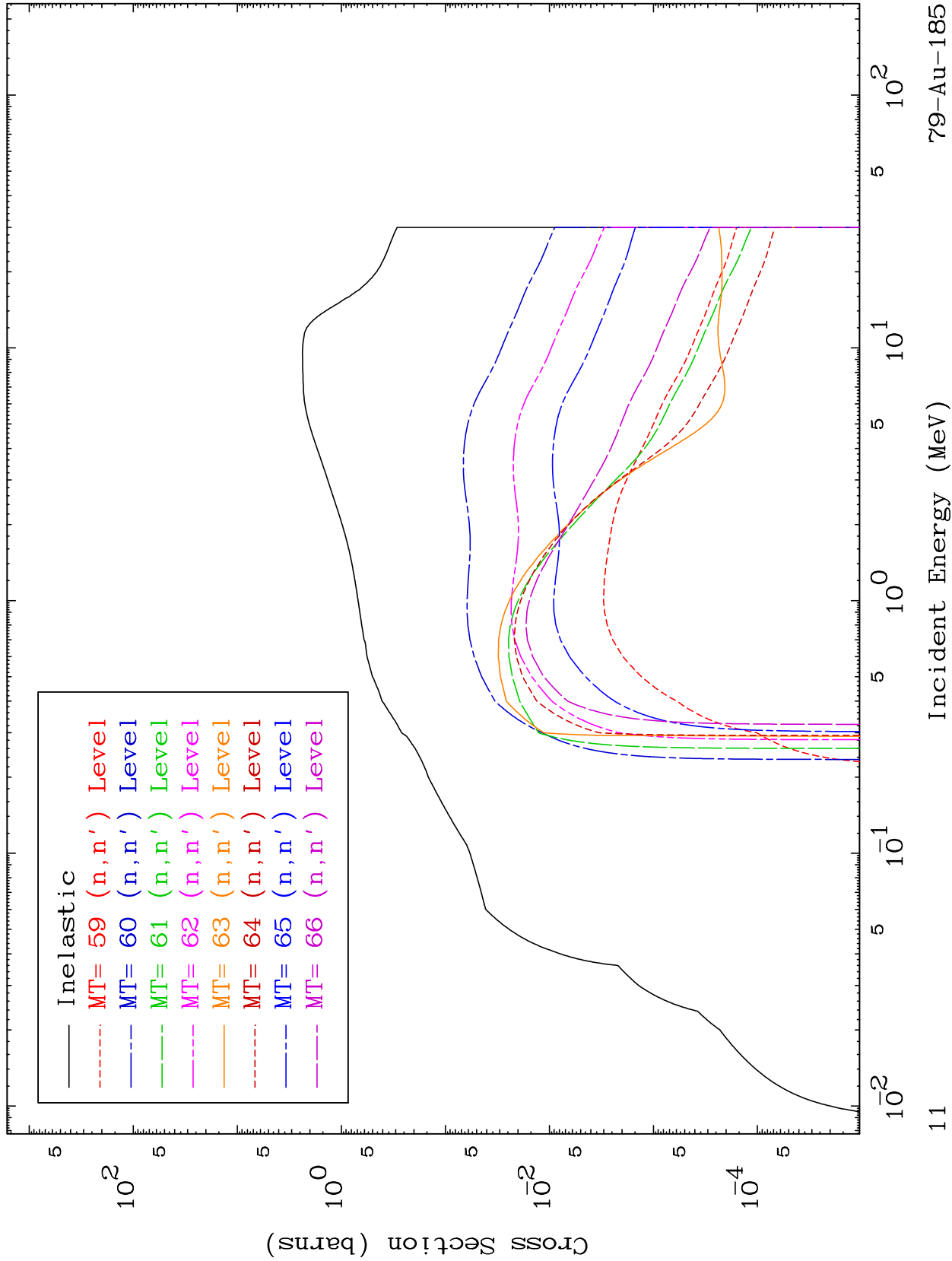


79-Au-185

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79-Au-185

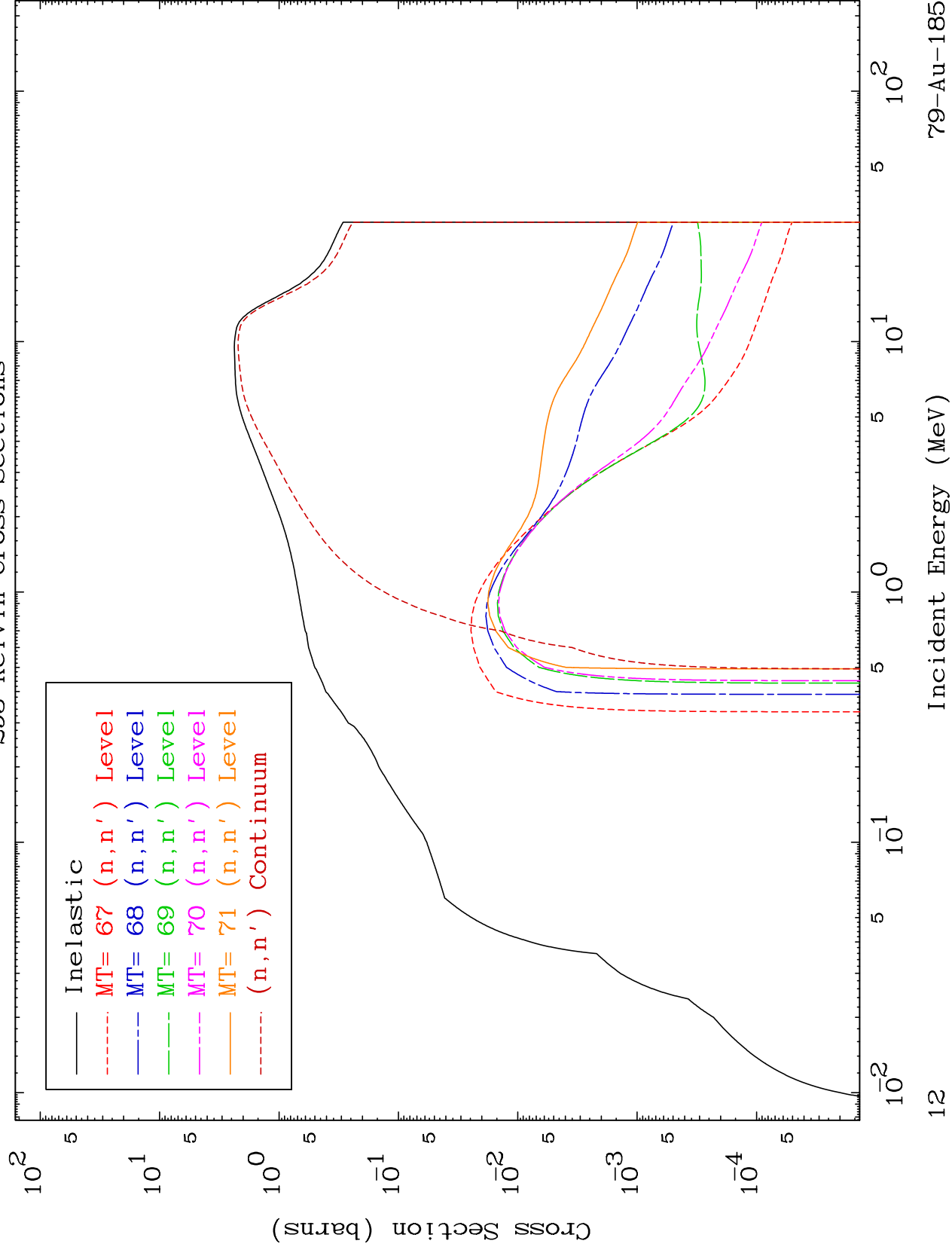
(n,n') Levels
293 Kelvin Cross Sections



MAT 7889

79-Au-185

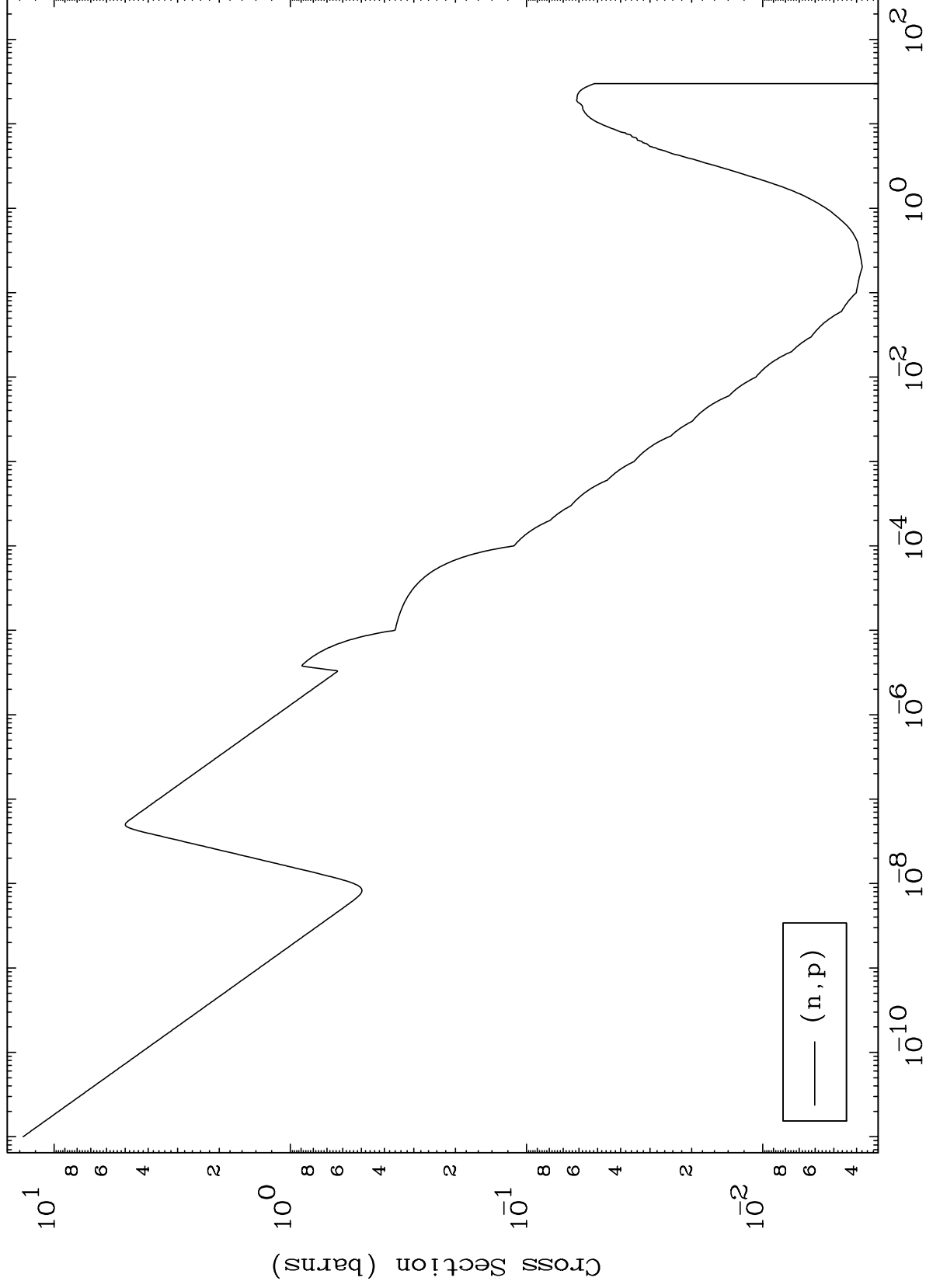
(n, n') Levels
293 Kelvin Cross Sections



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79-Au-185

(n,p) Levels
293 Kelvin Cross Sections



— (n,p)

79-Au-185

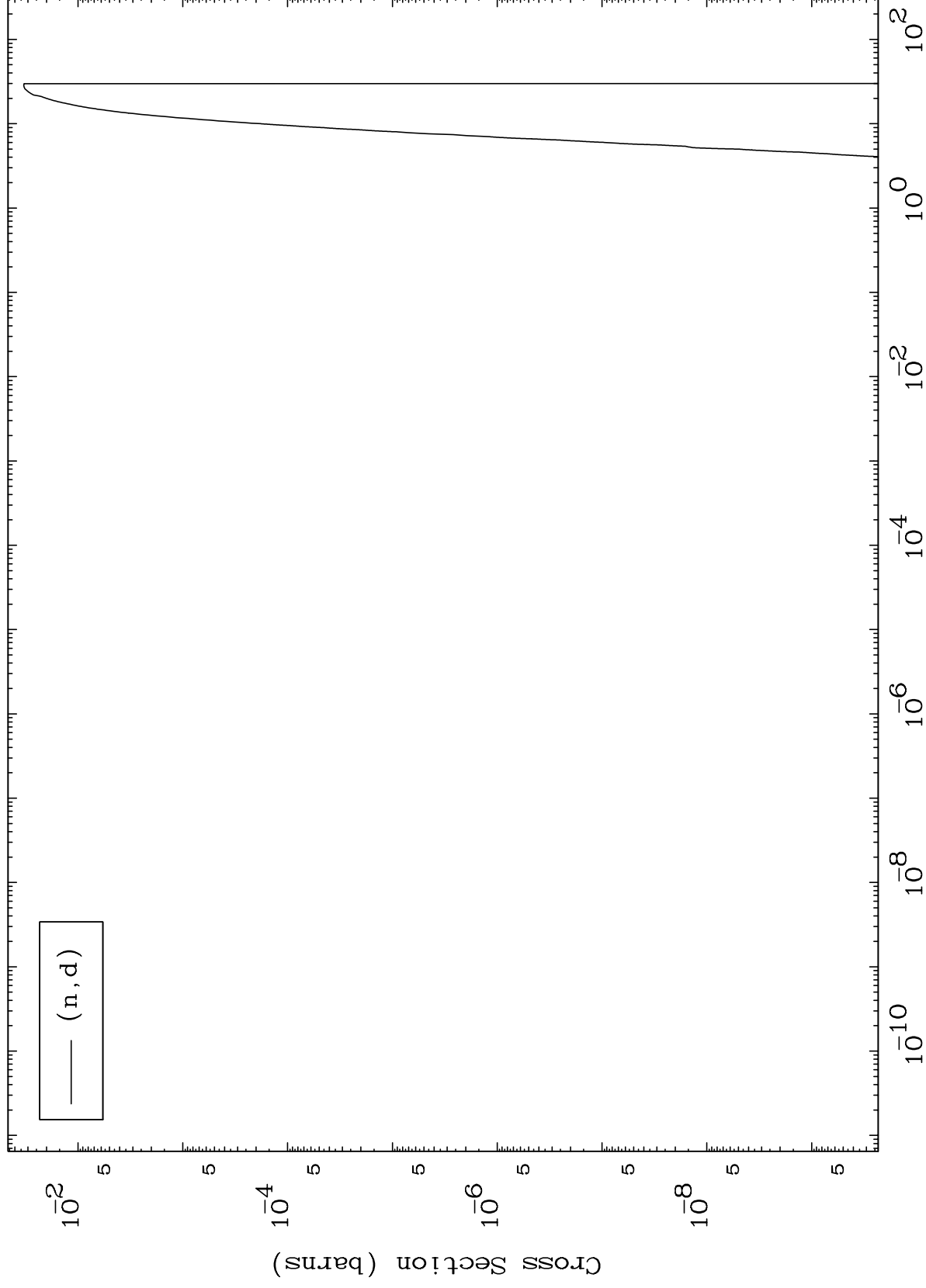
Incident Energy (MeV)

13

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(n,d) Levels
293 Kelvin Cross Sections

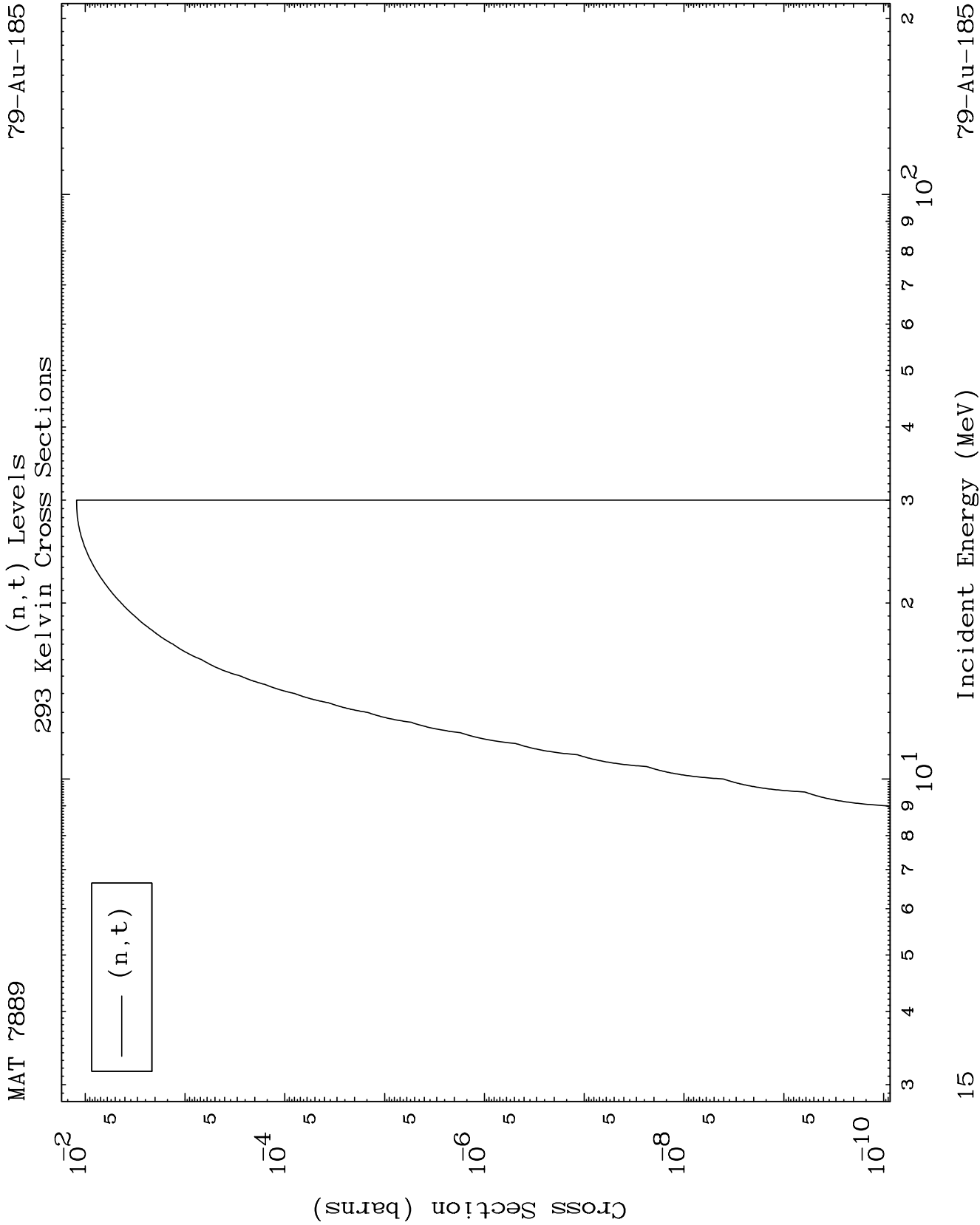
79-Au-185



14

Incident Energy (MeV)

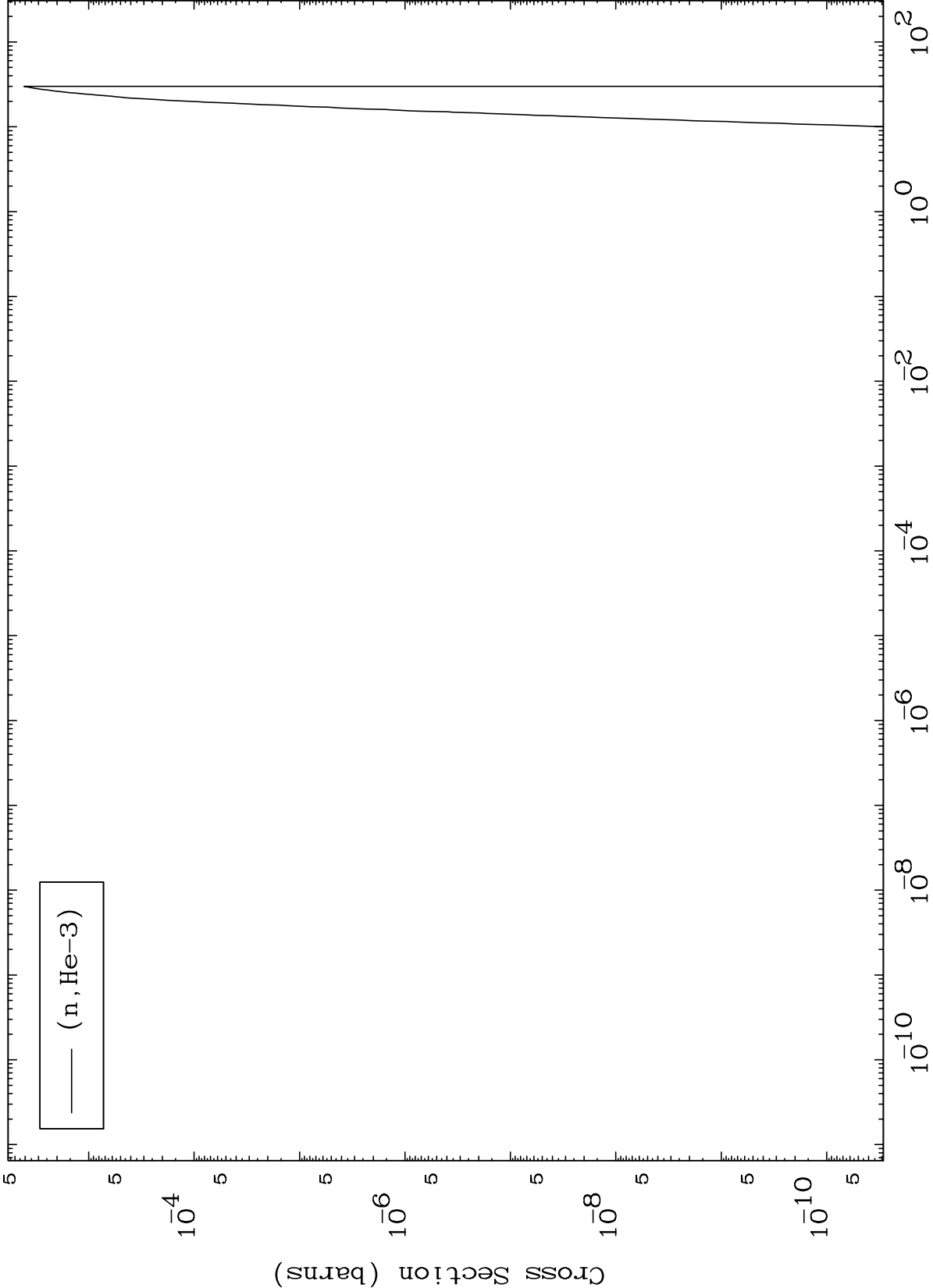
79-Au-185



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(n,He3) Levels
293 Kelvin Cross Sections

79-Au-185



16

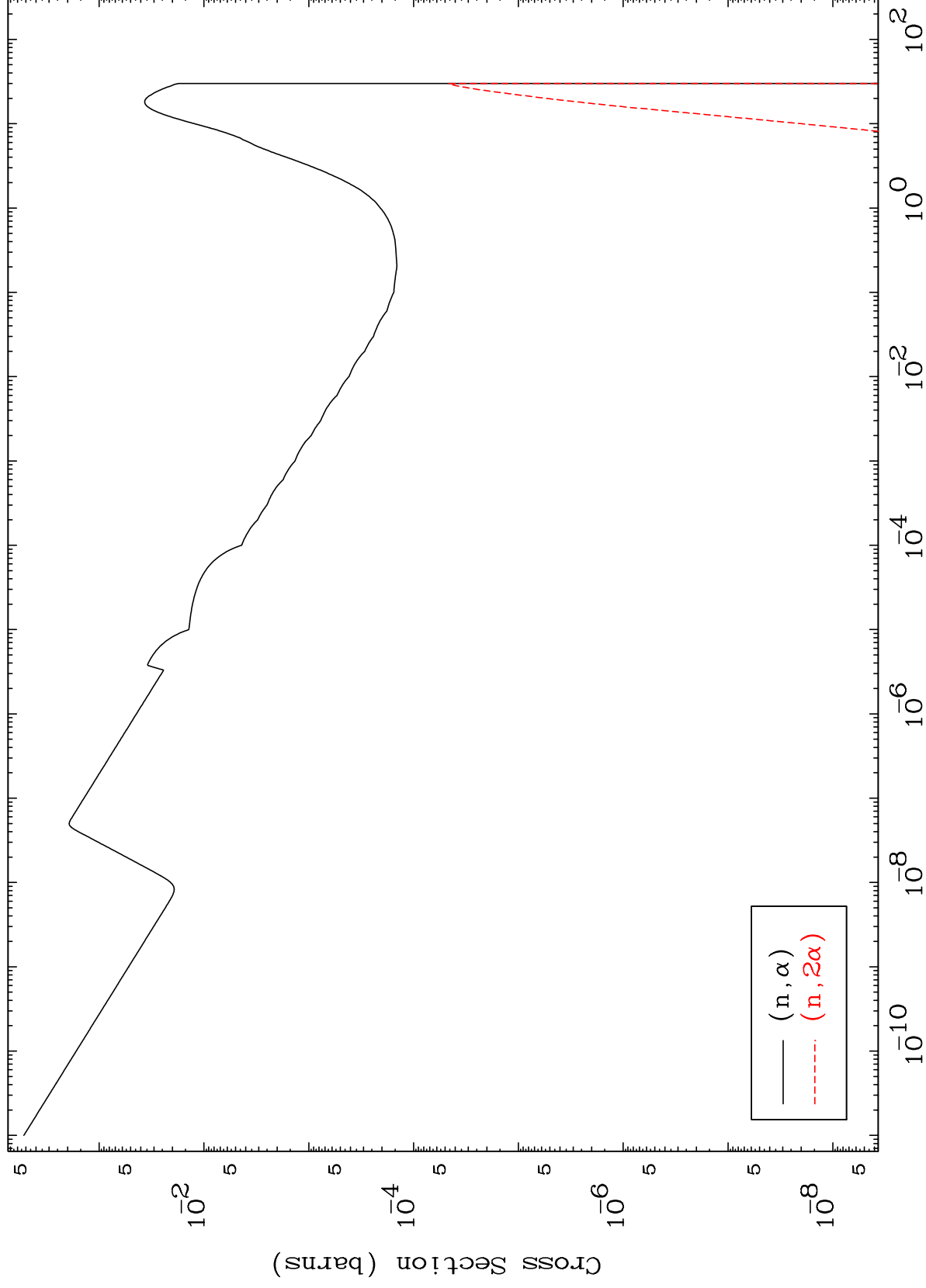
Incident Energy (MeV)

79-Au-185

MAT 7889

(n, α) Levels
293 Kelvin Cross Sections

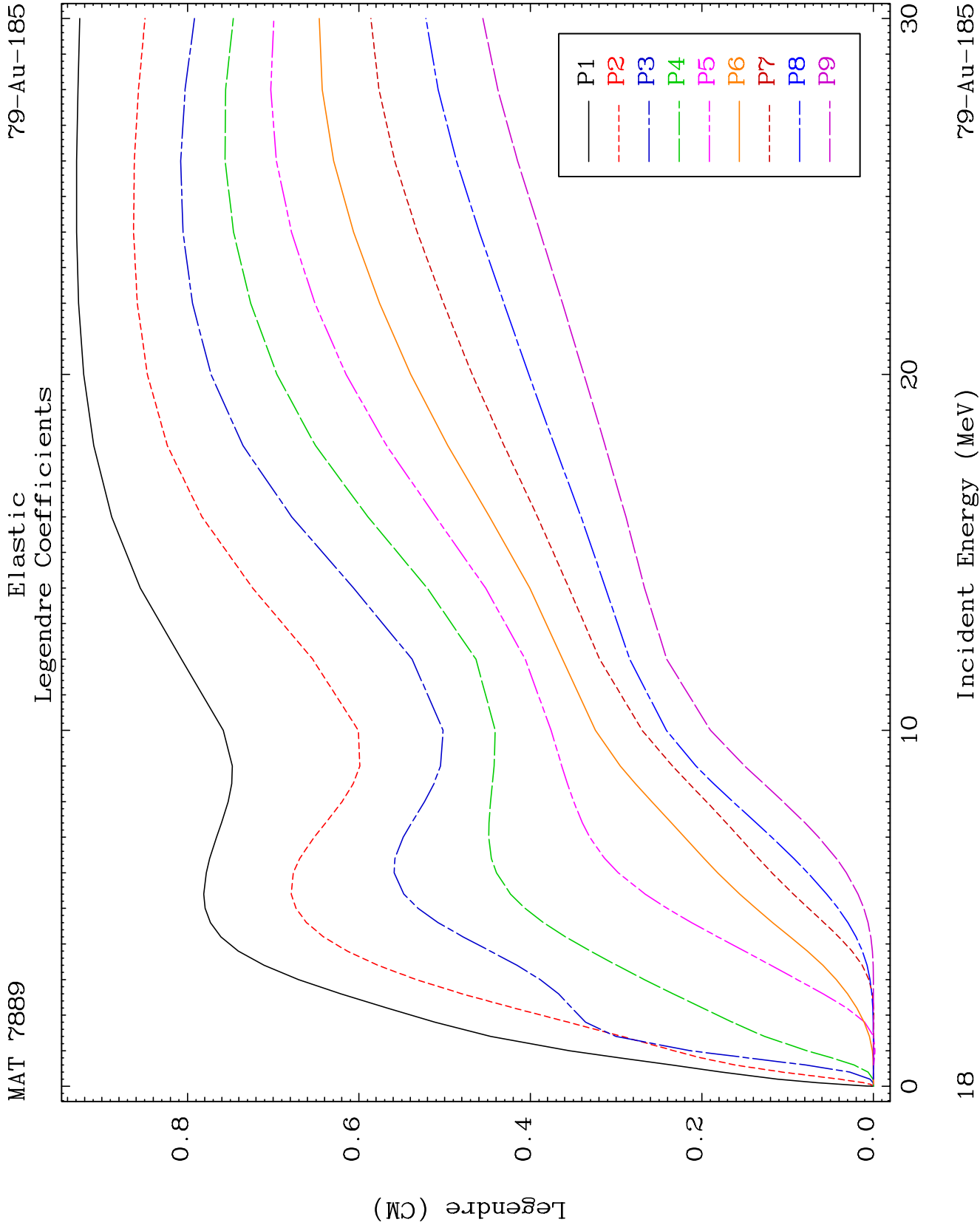
79-Au-185



17

Incident Energy (MeV)

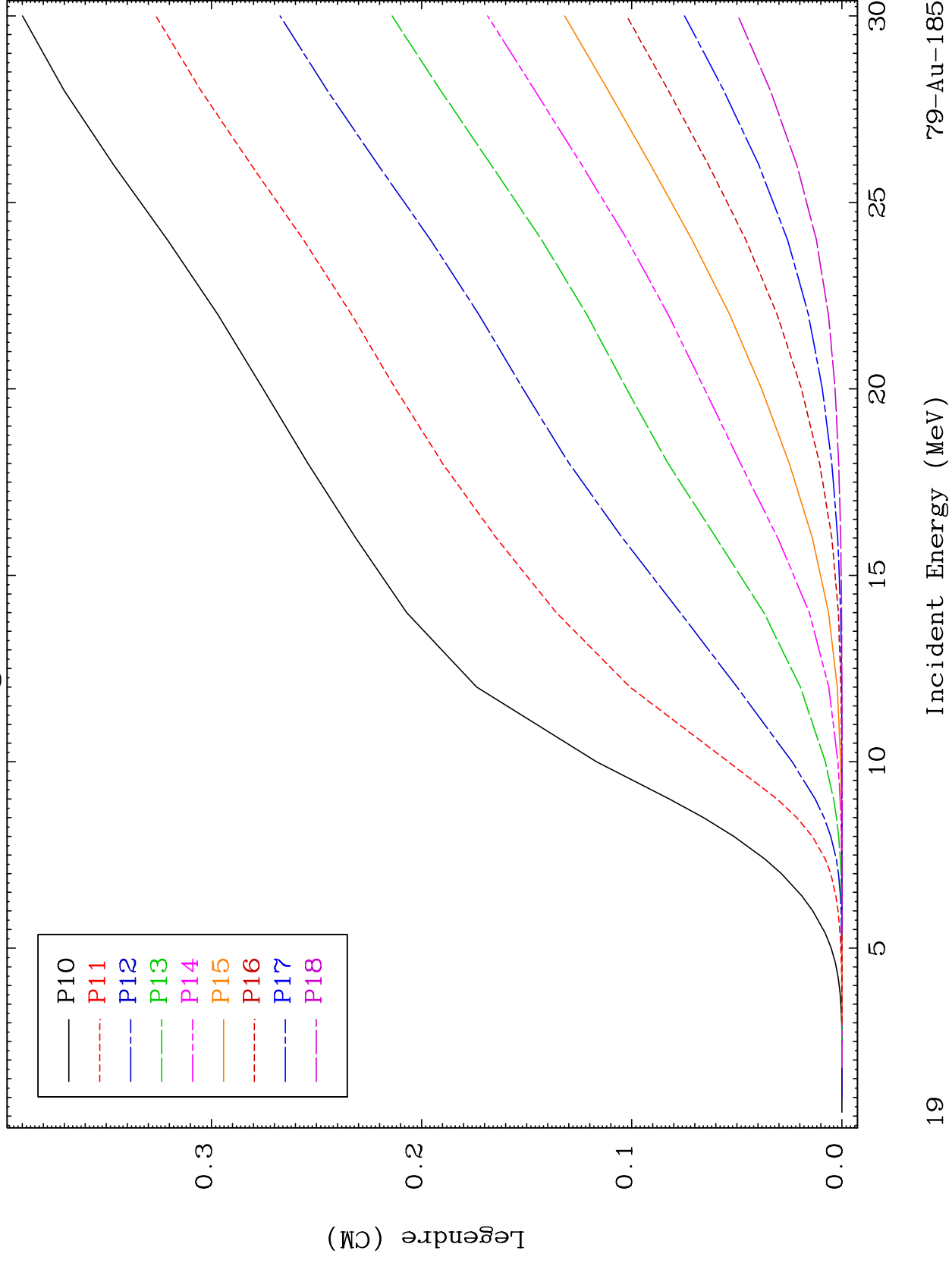
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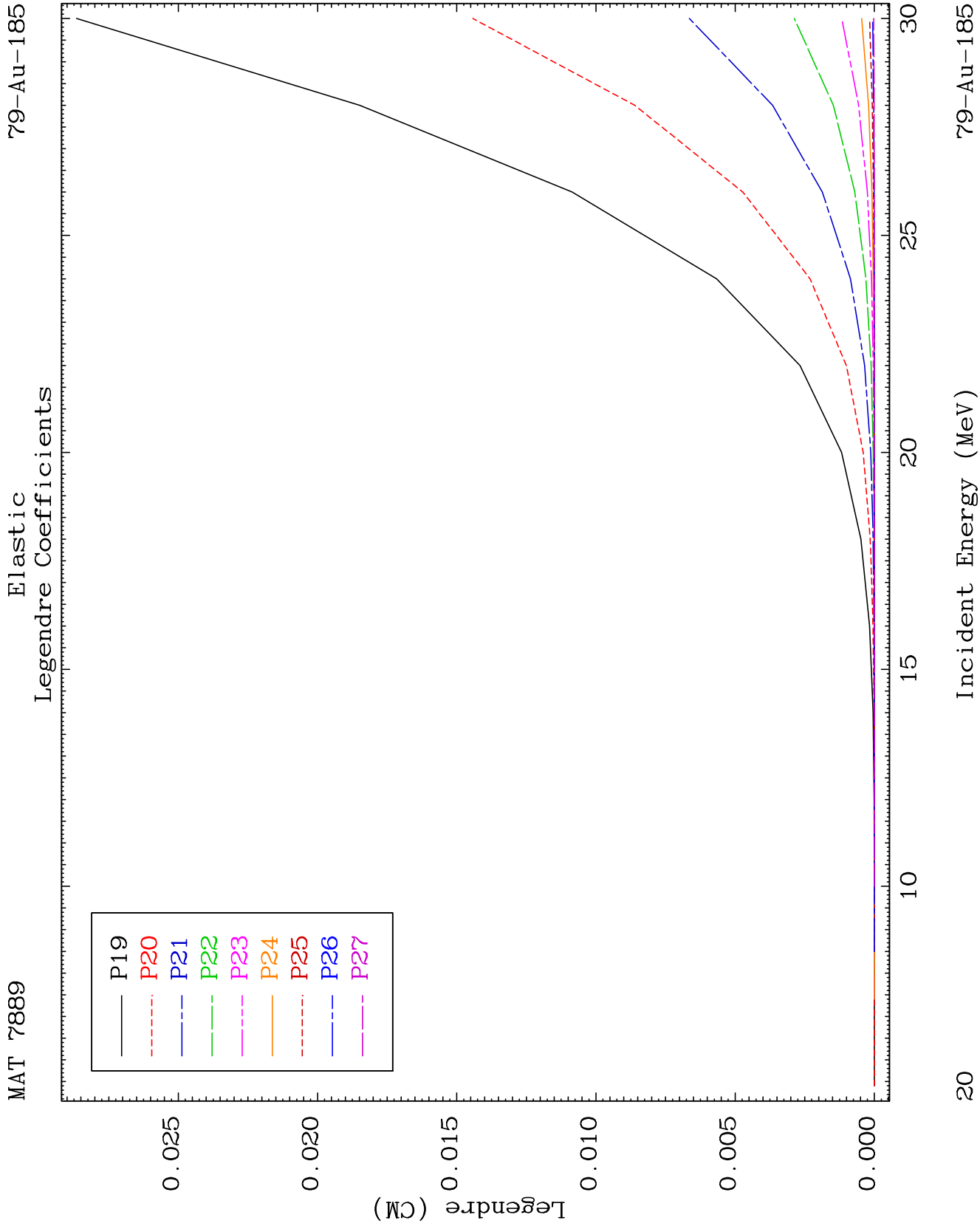


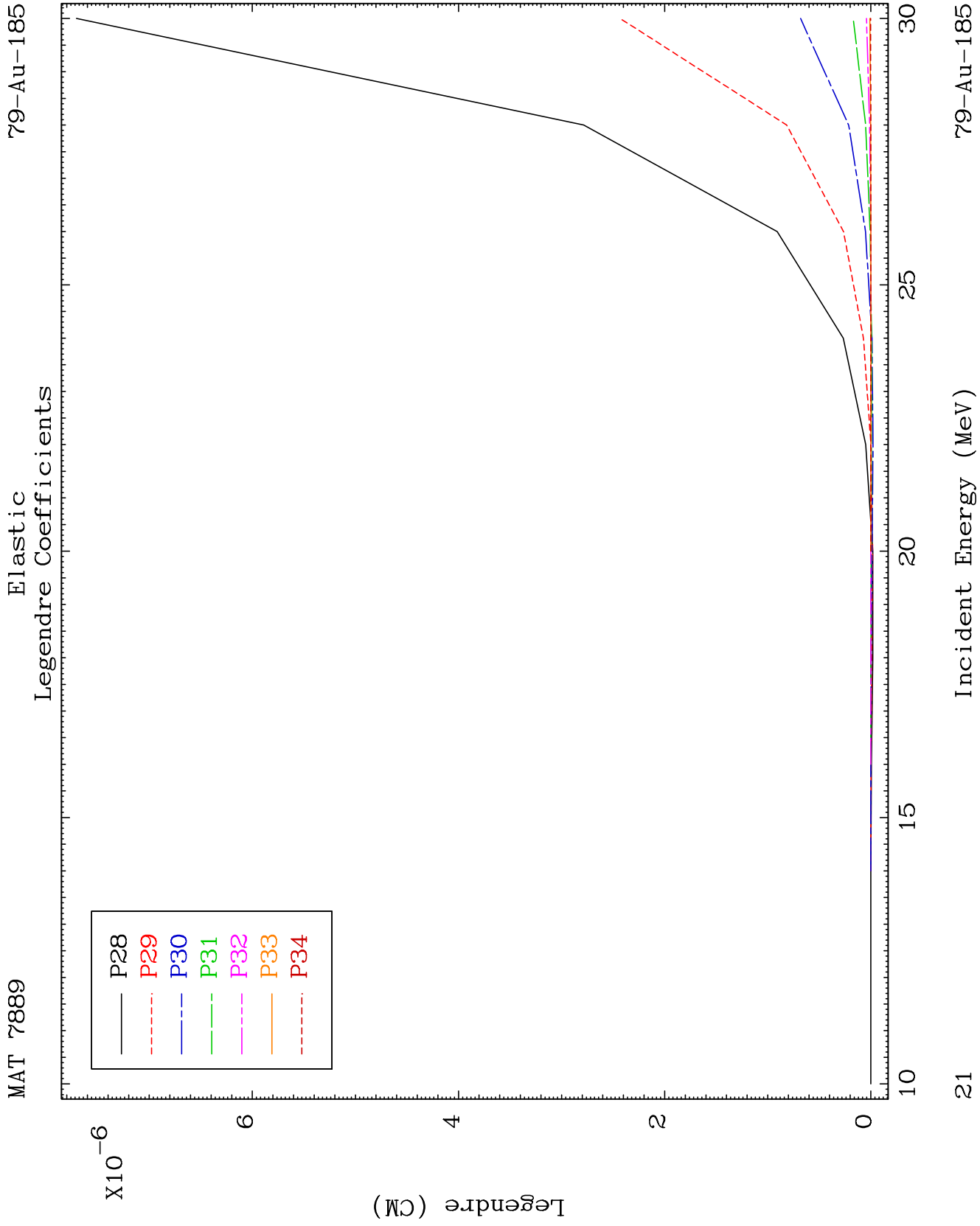
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Elastic Legendre Coefficients

79-Au-185



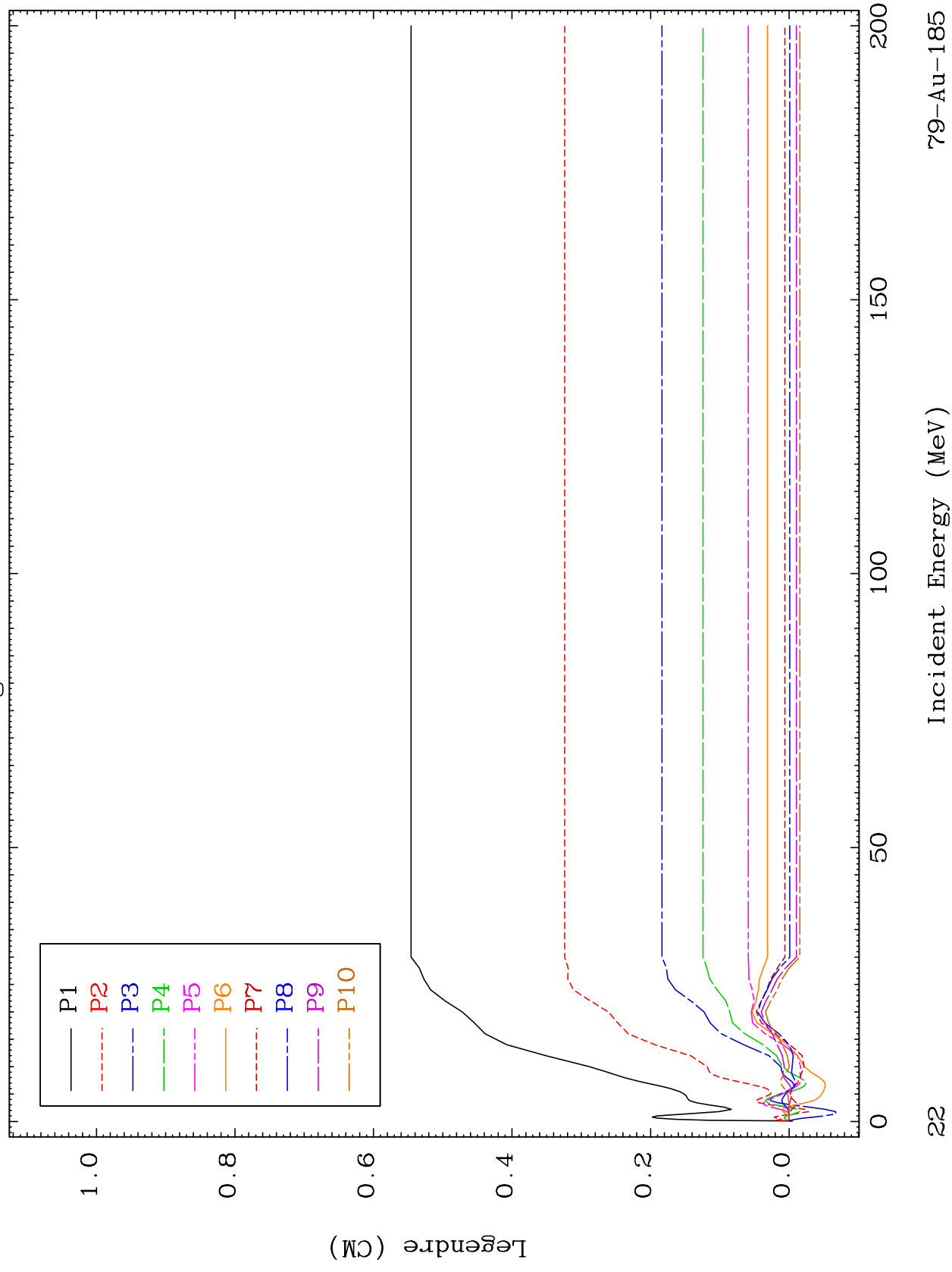


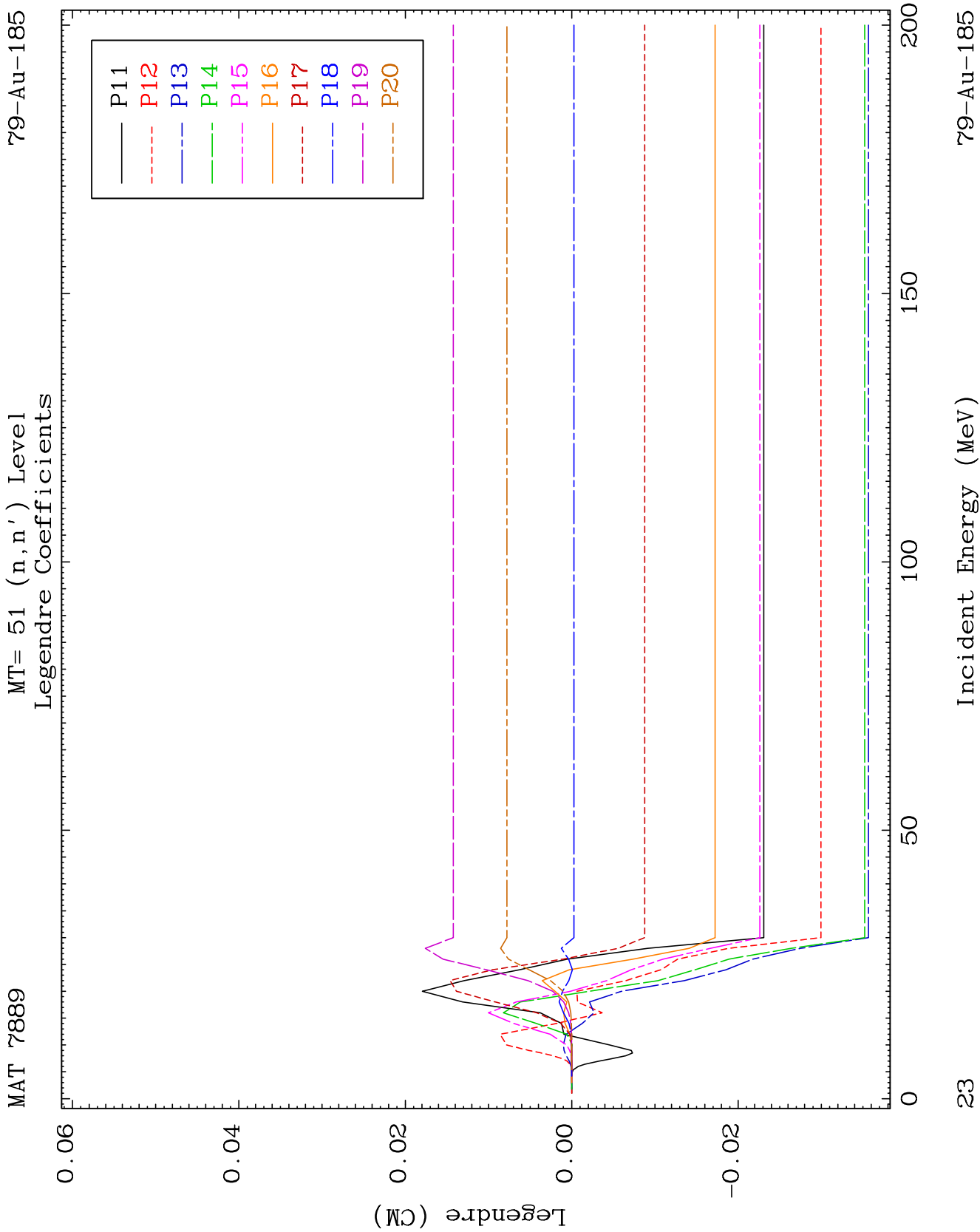


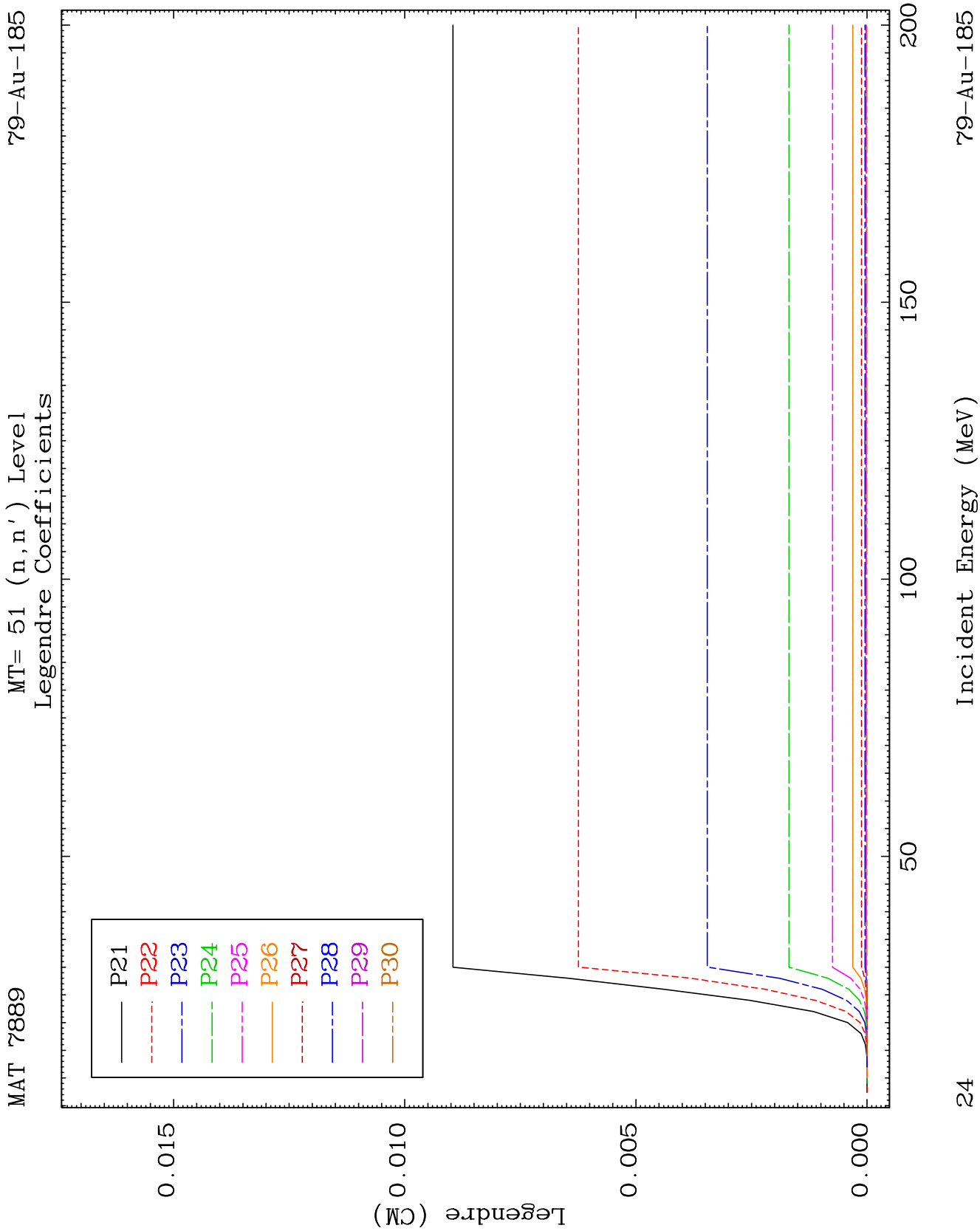
MAT 7889

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

79-Au-185



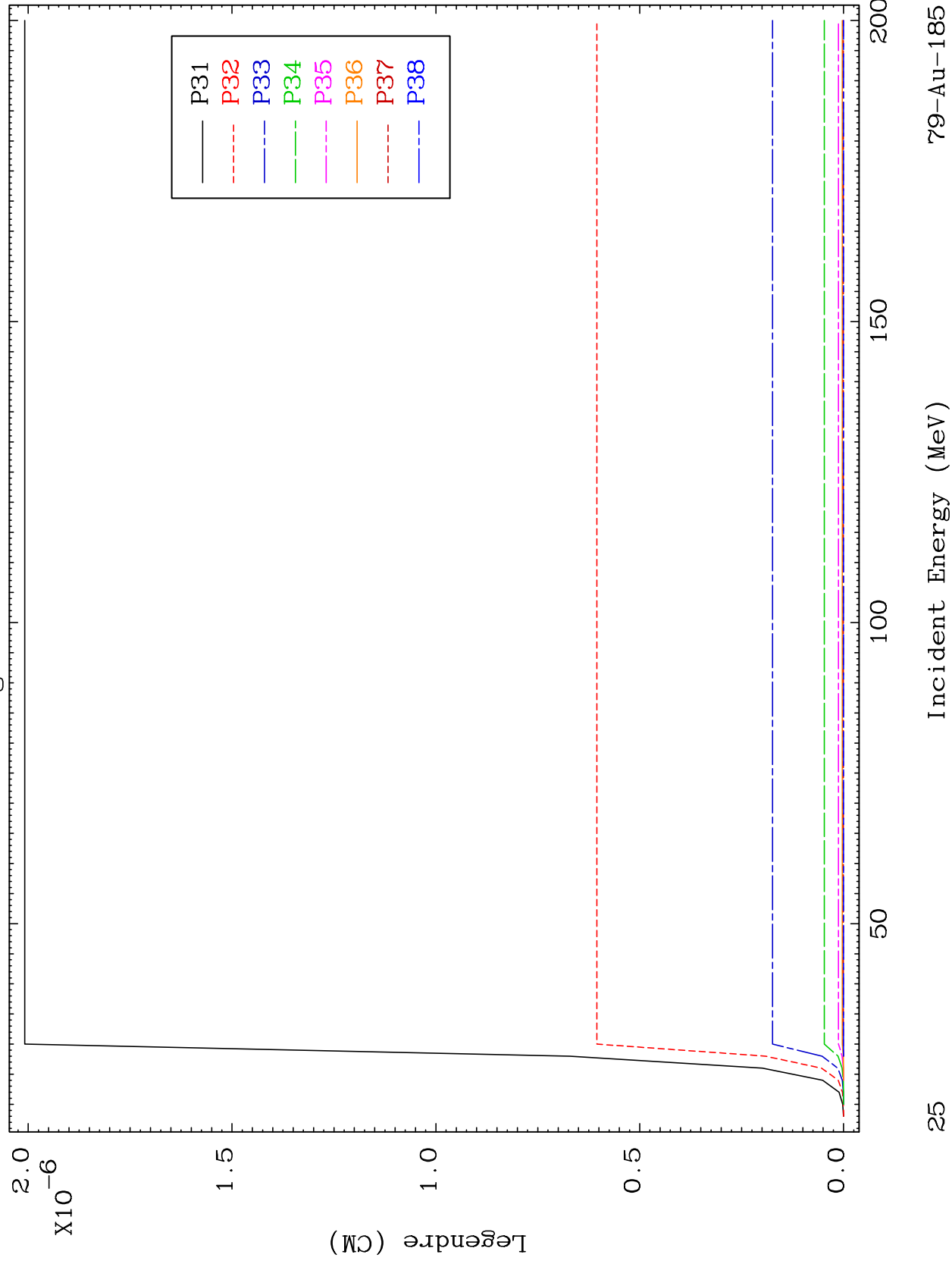


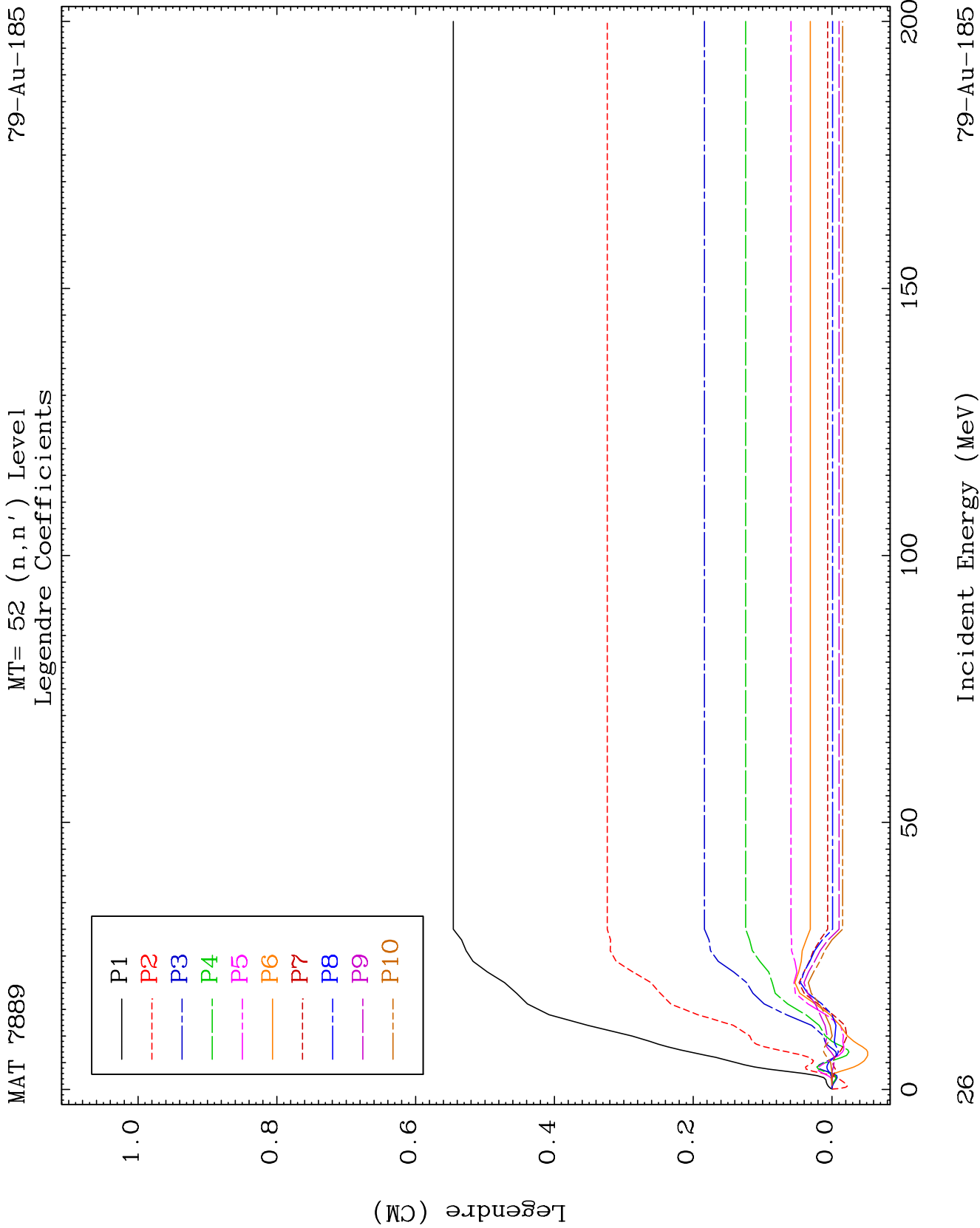


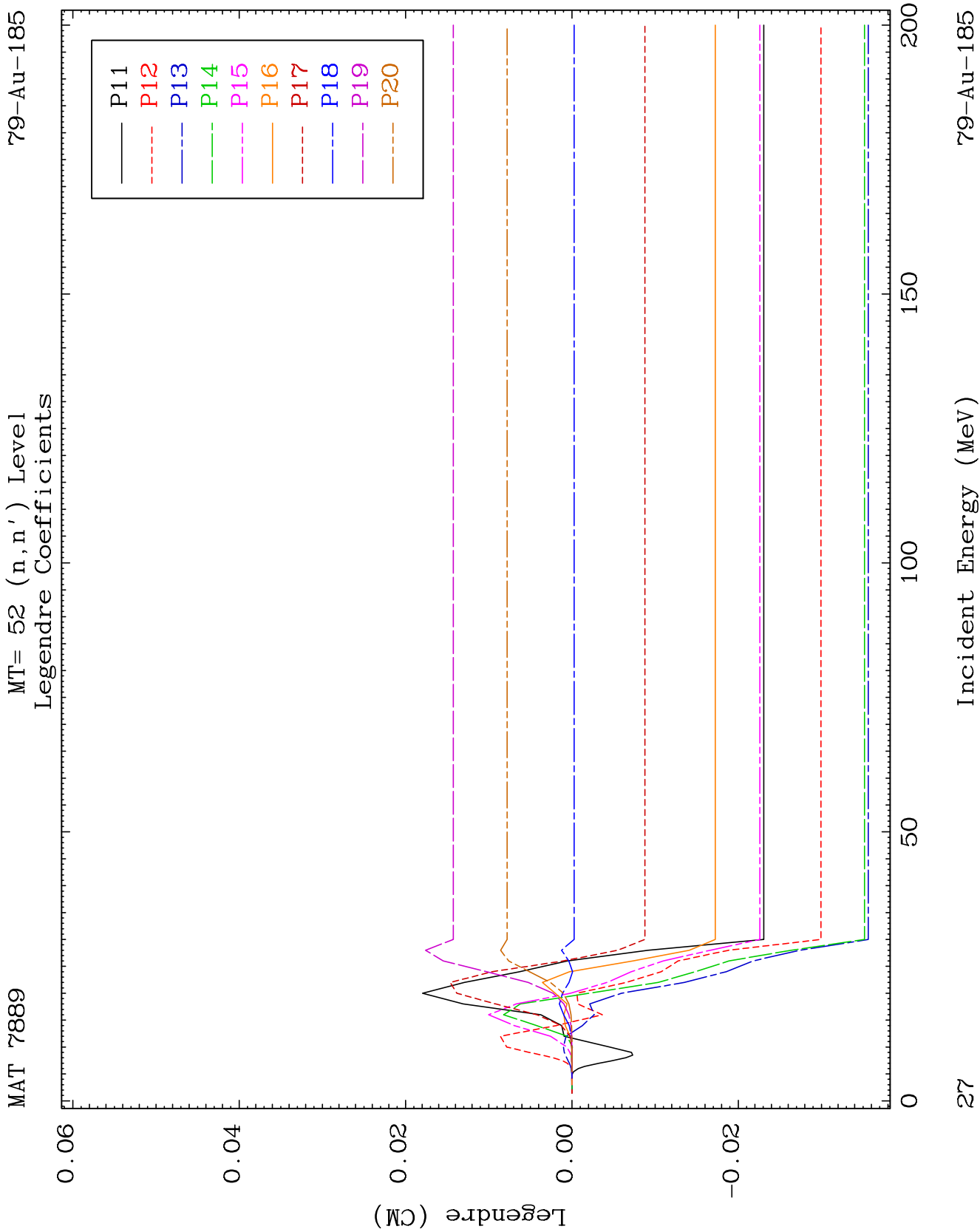
MAT 7889

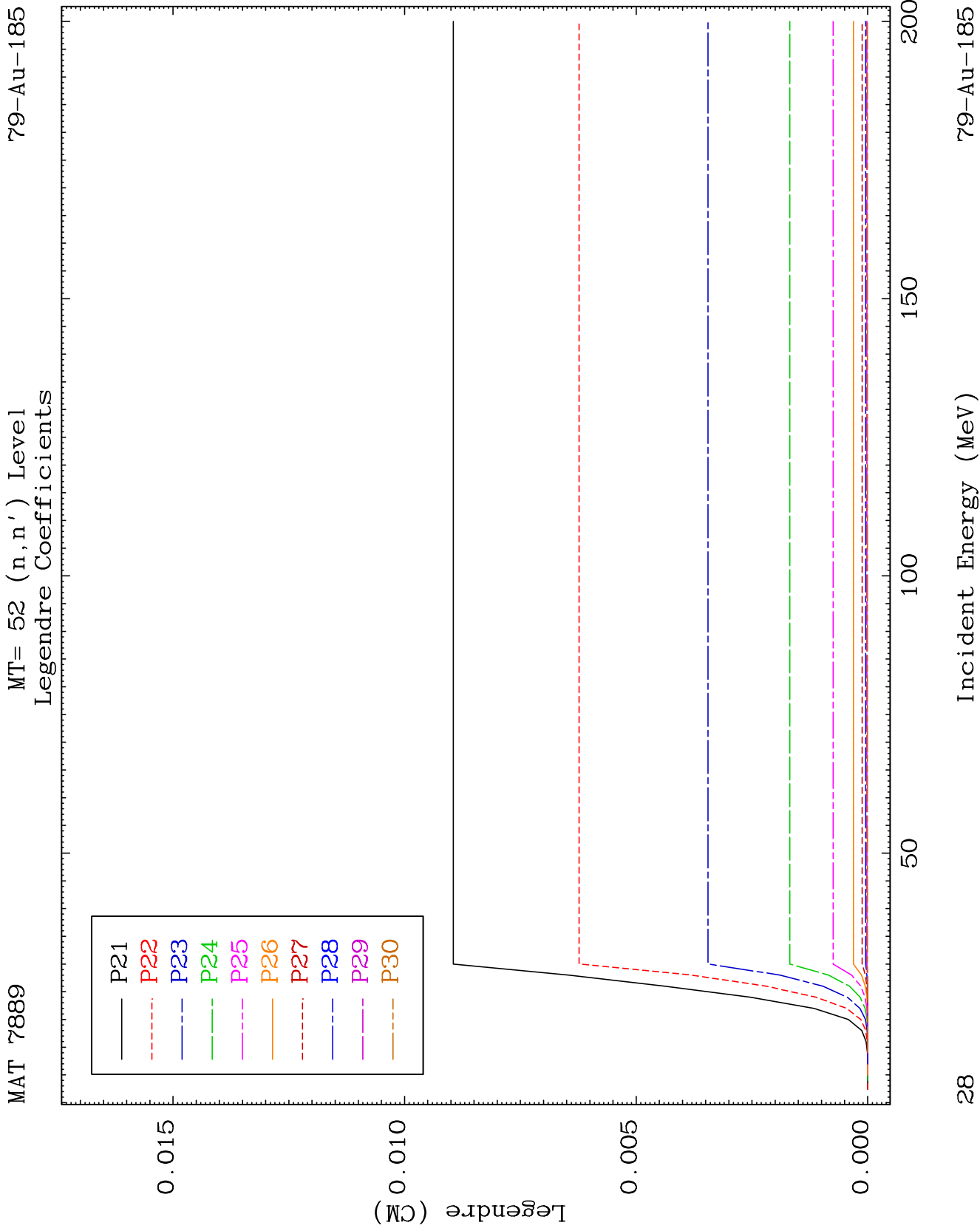
MT= 51 (n, n') Level
Legendre Coefficients

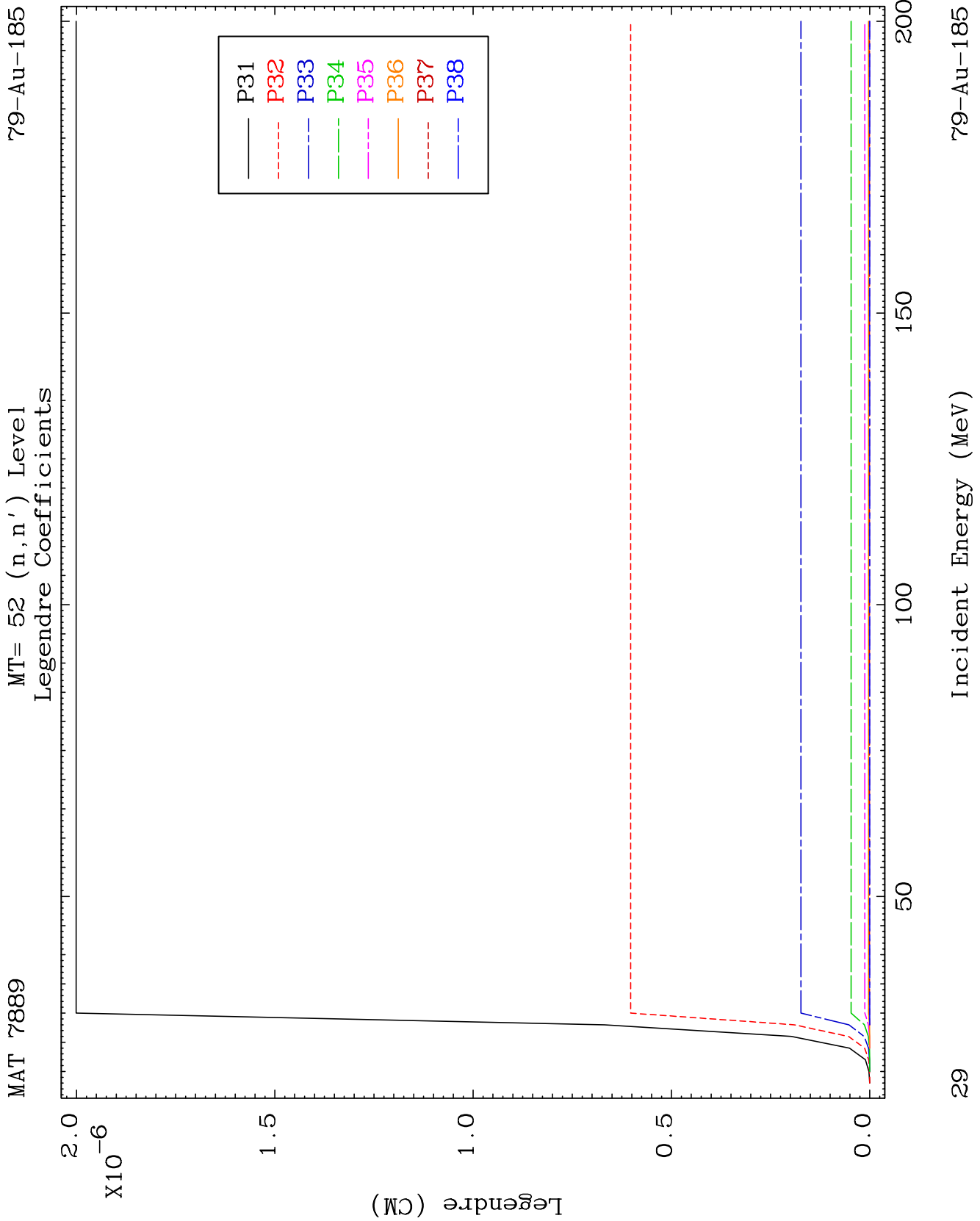
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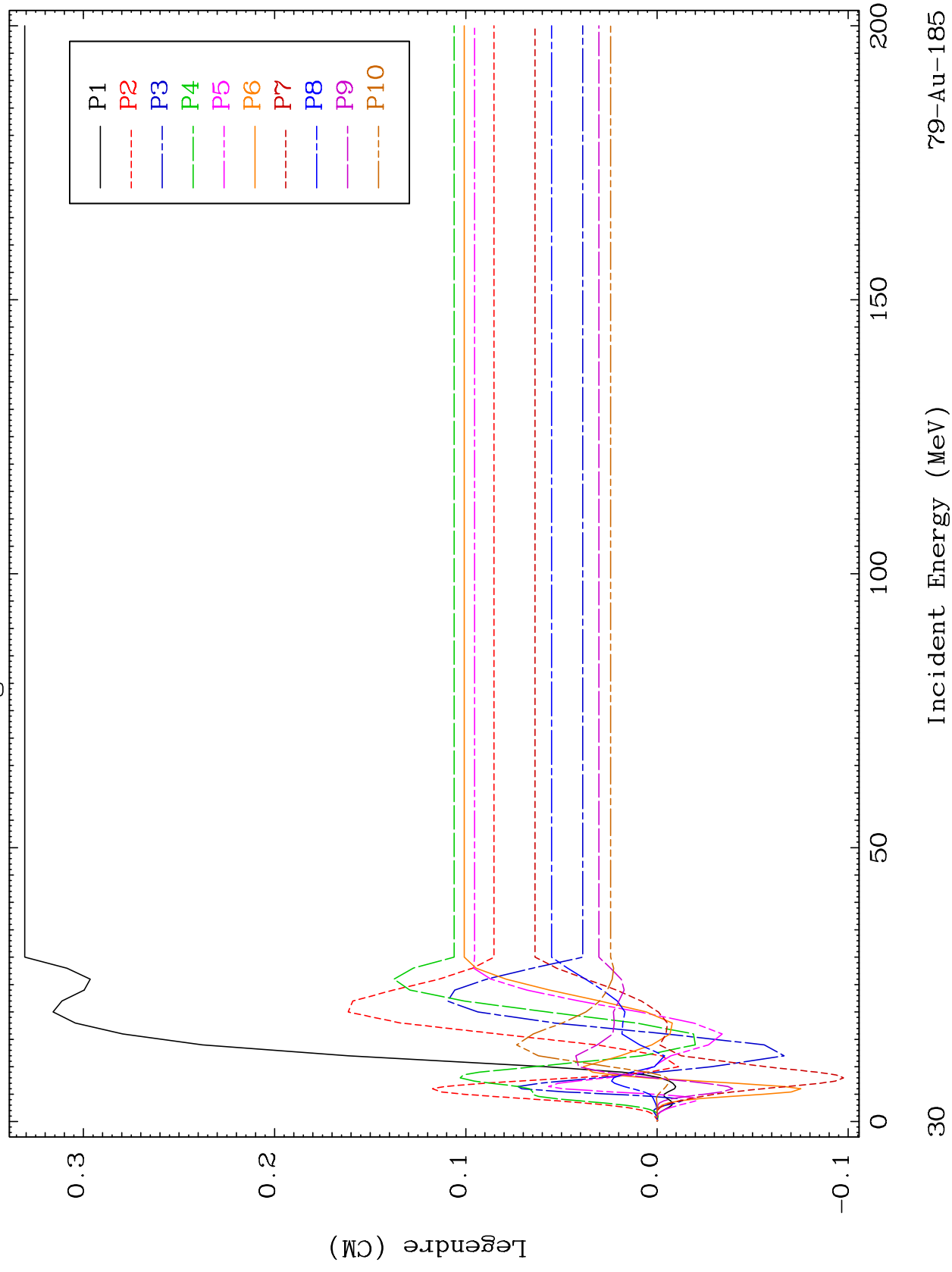


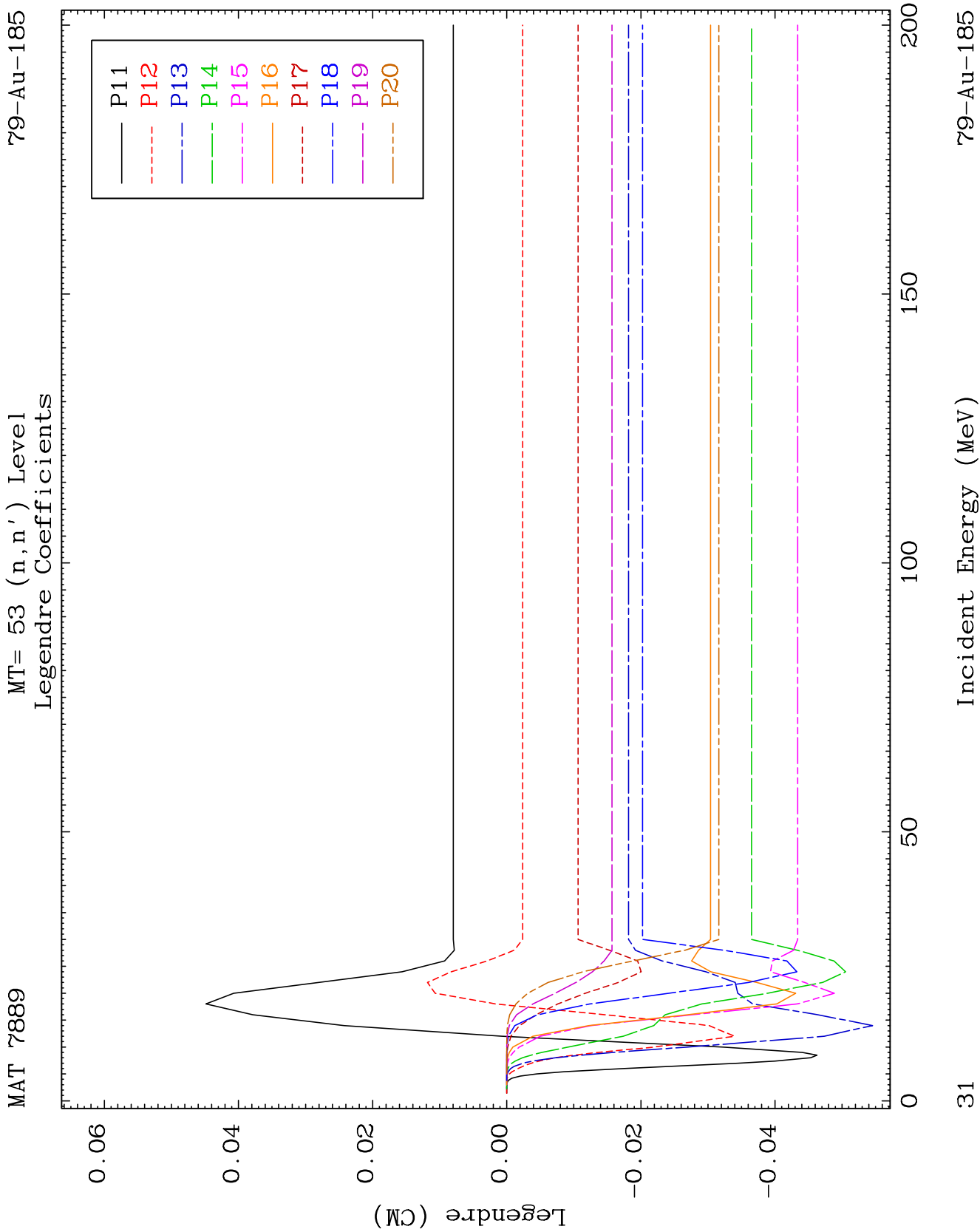


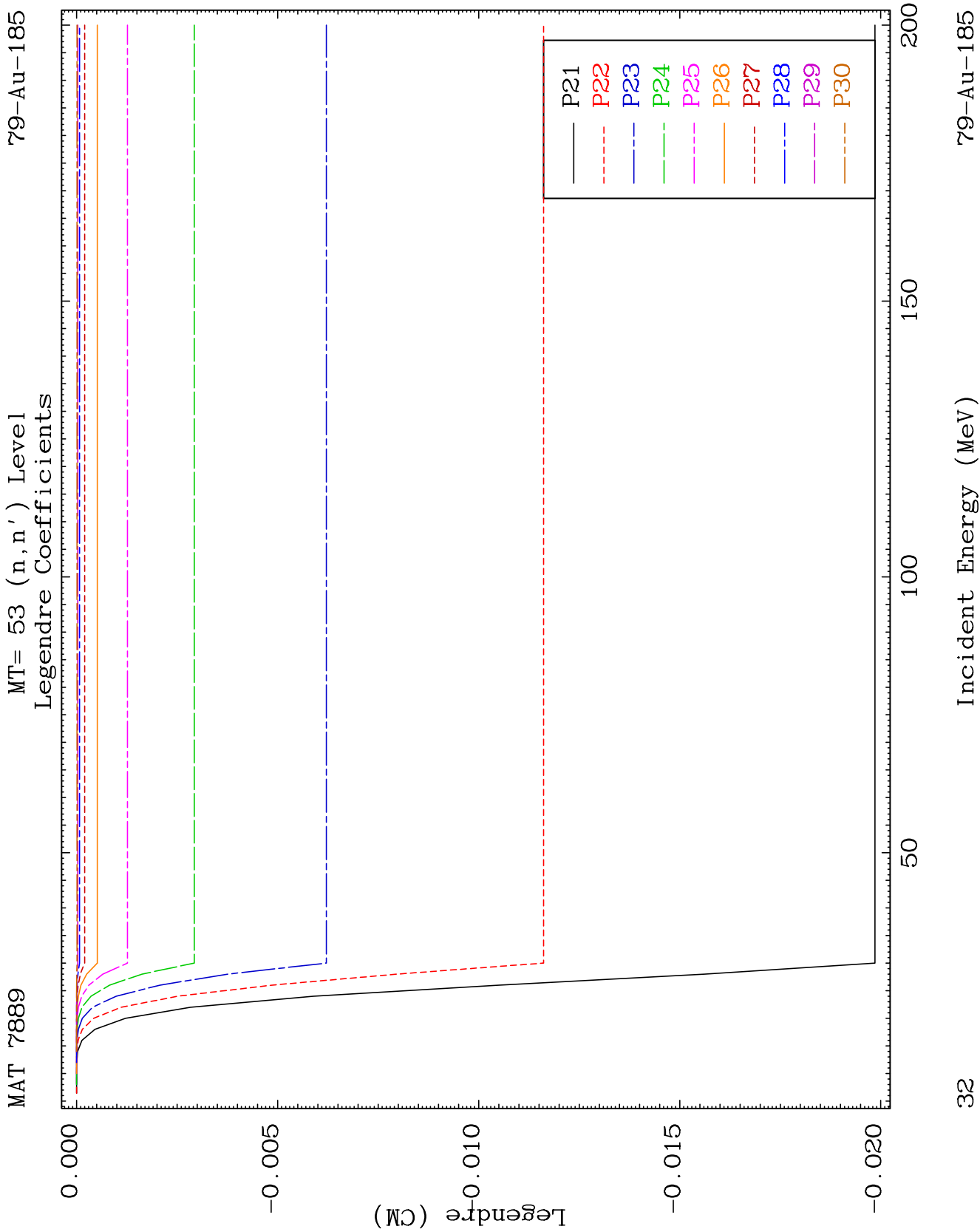
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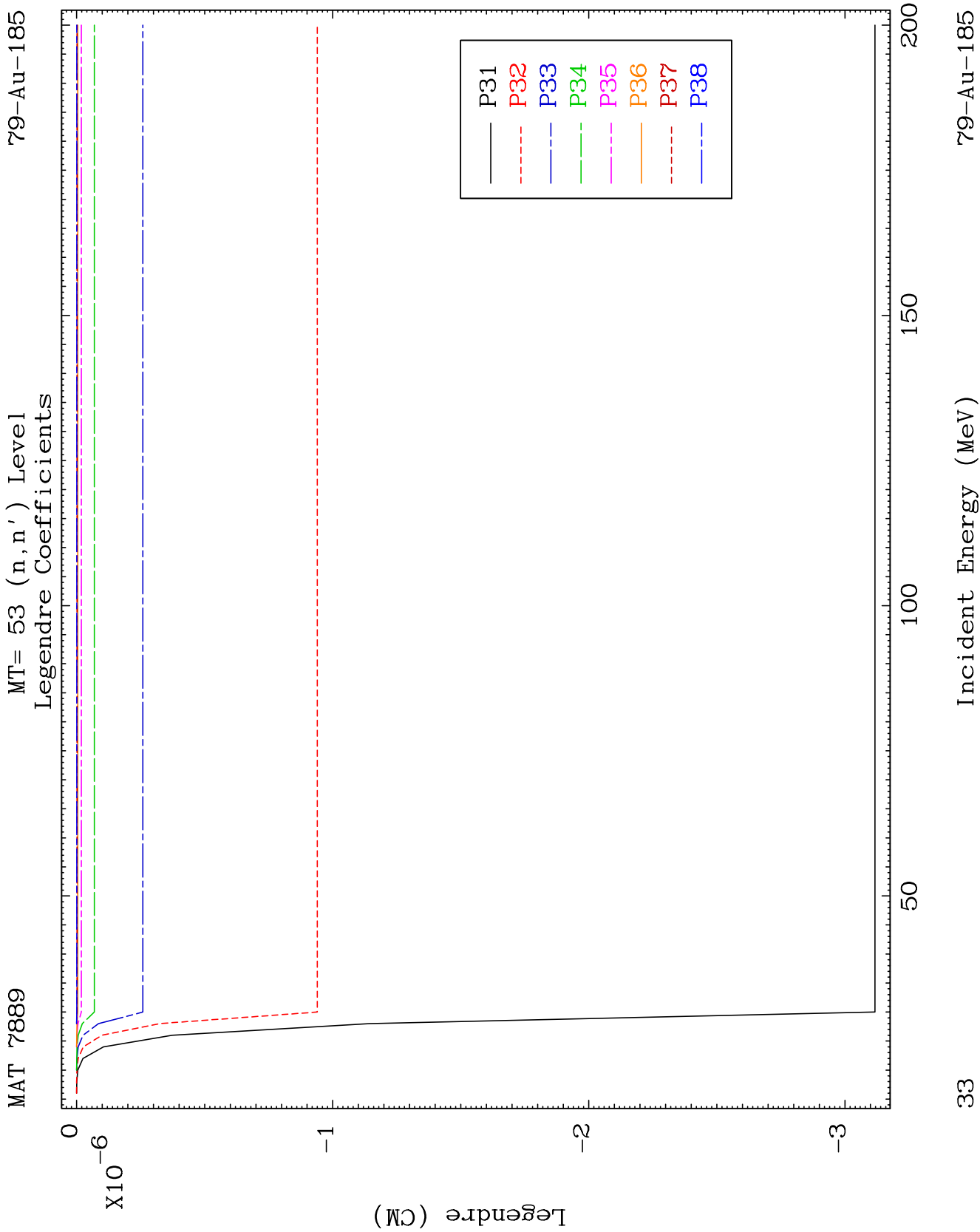
MT= 53 (n, n') Level
Legendre Coefficients

79-Au-185





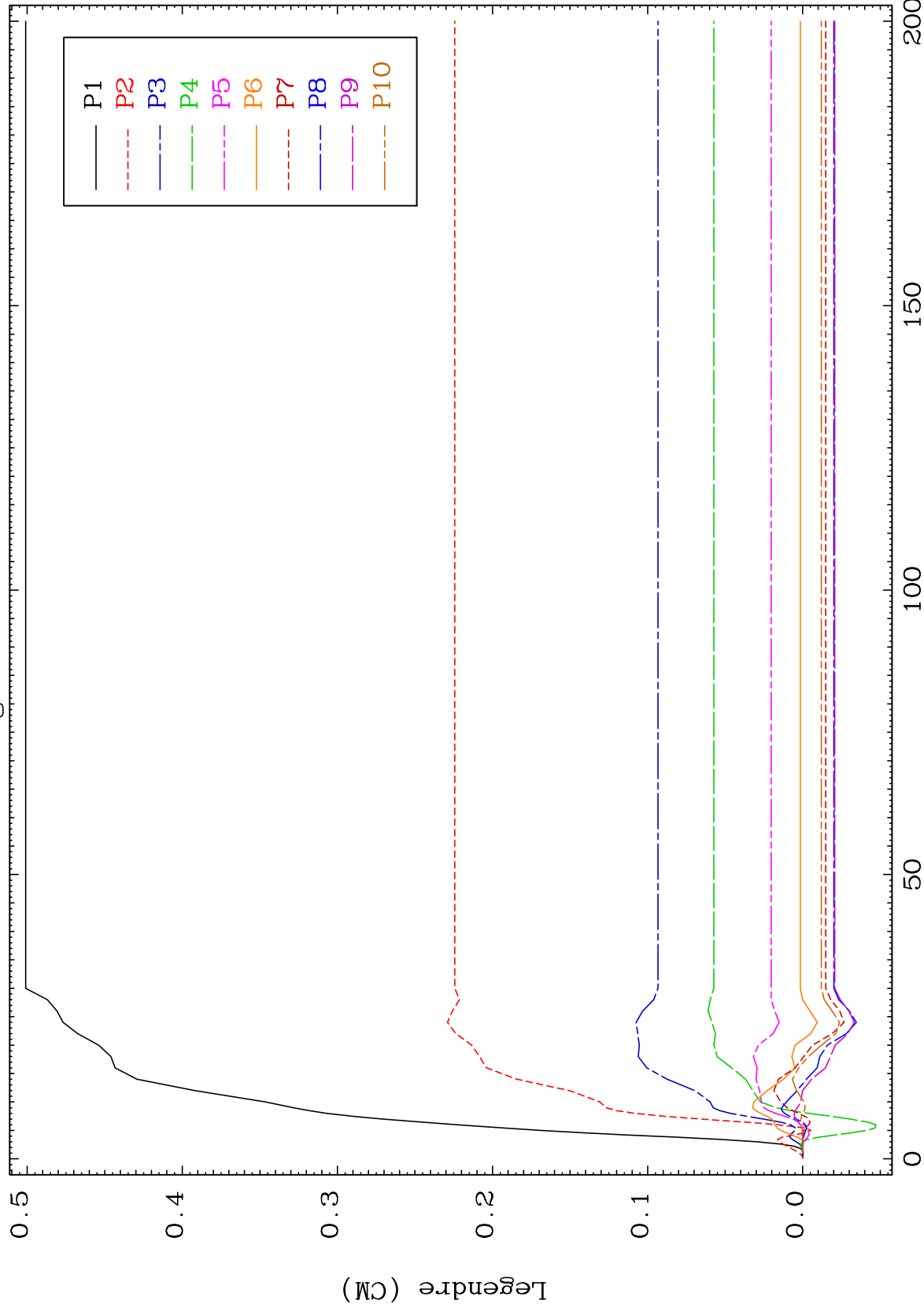




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MT= 54 (n, n') Level
Legendre Coefficients

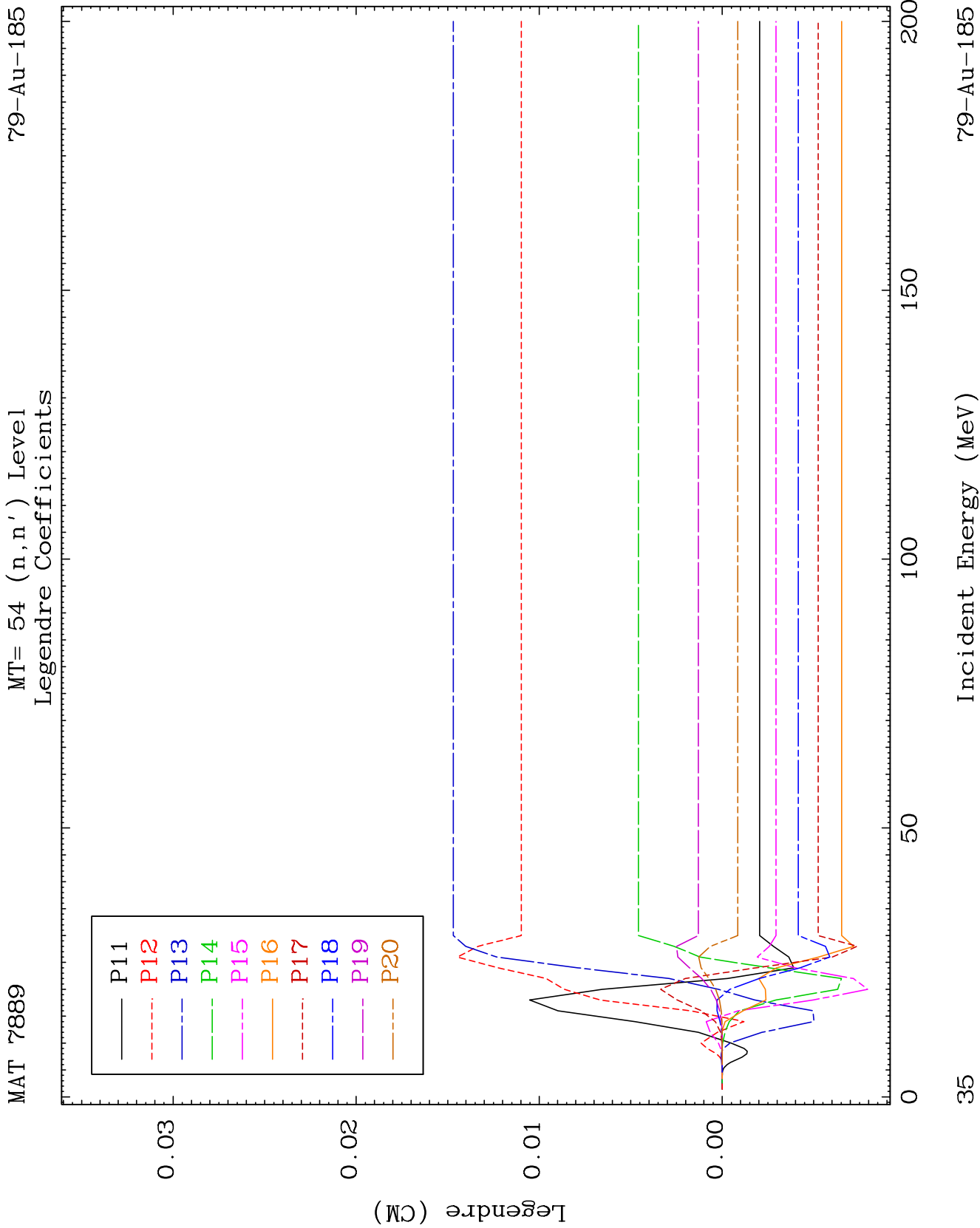
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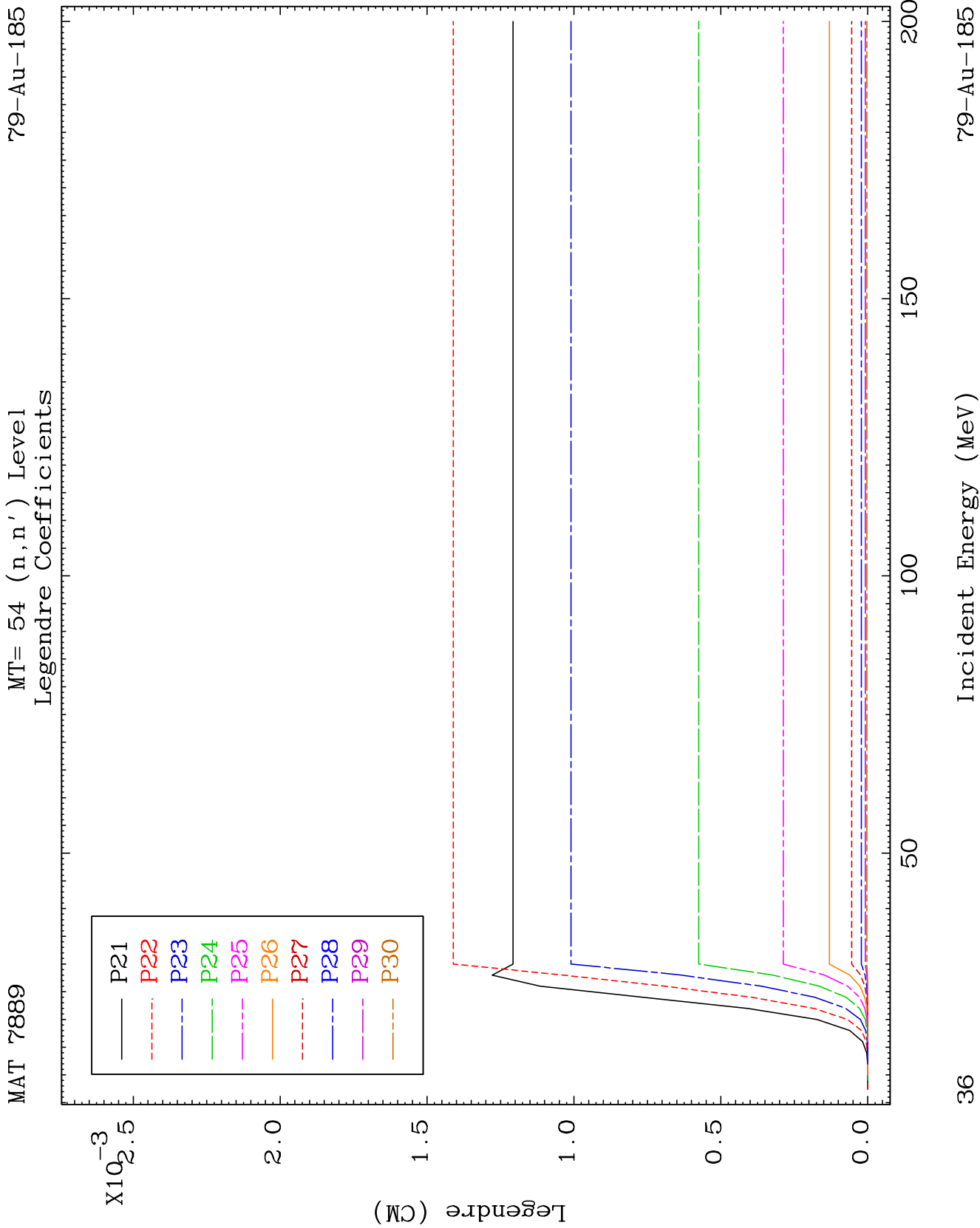


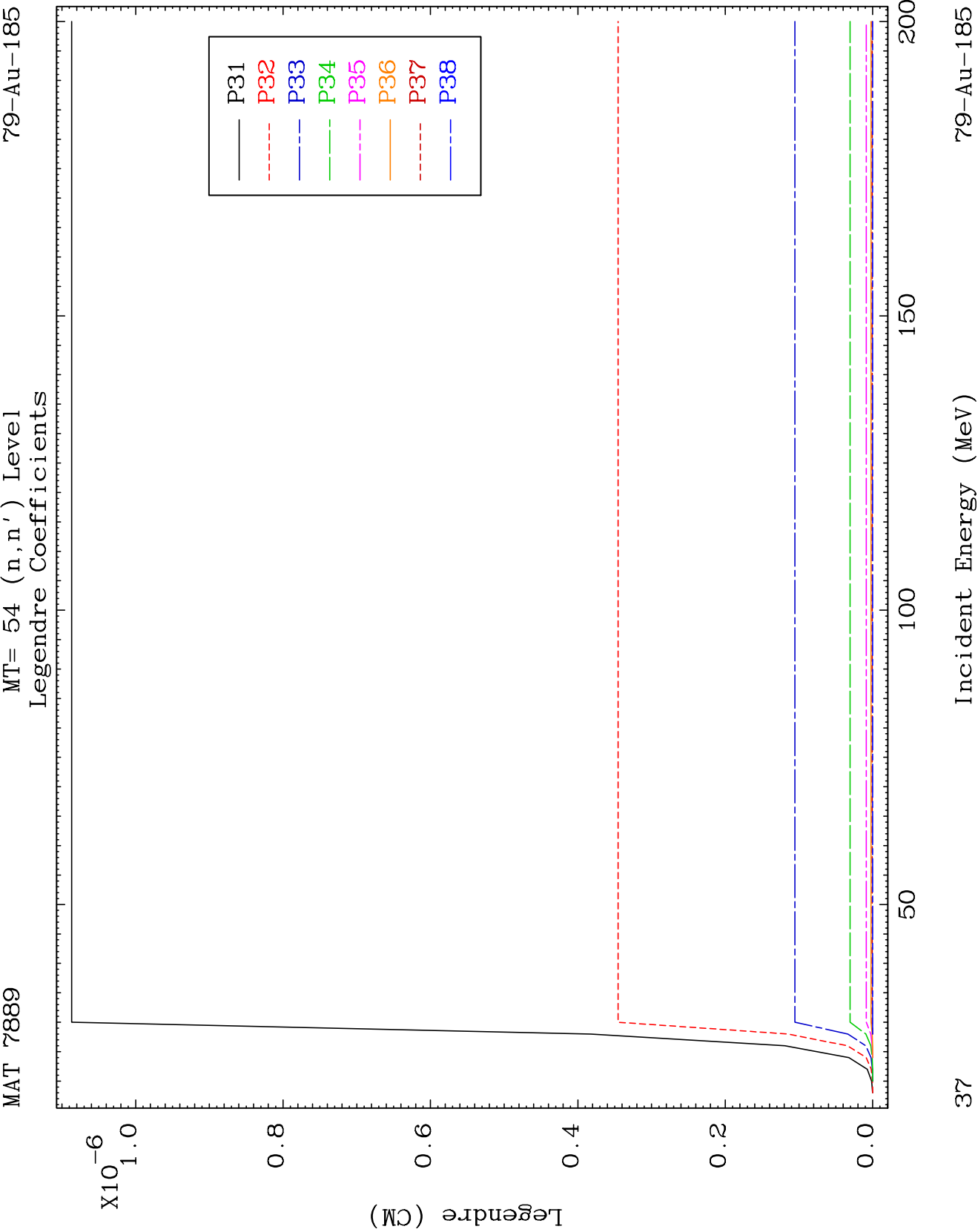
34

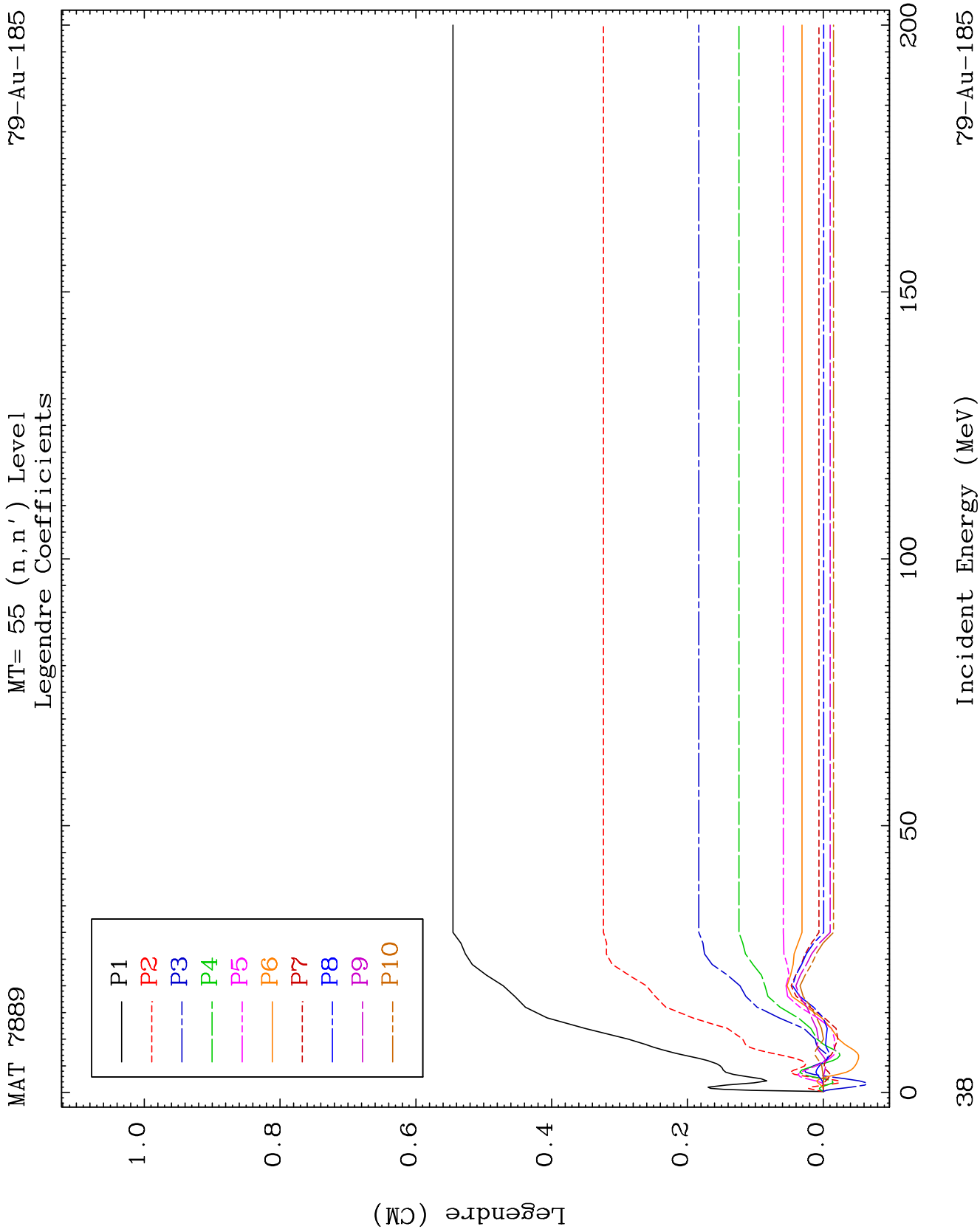
Incident Energy (MeV)

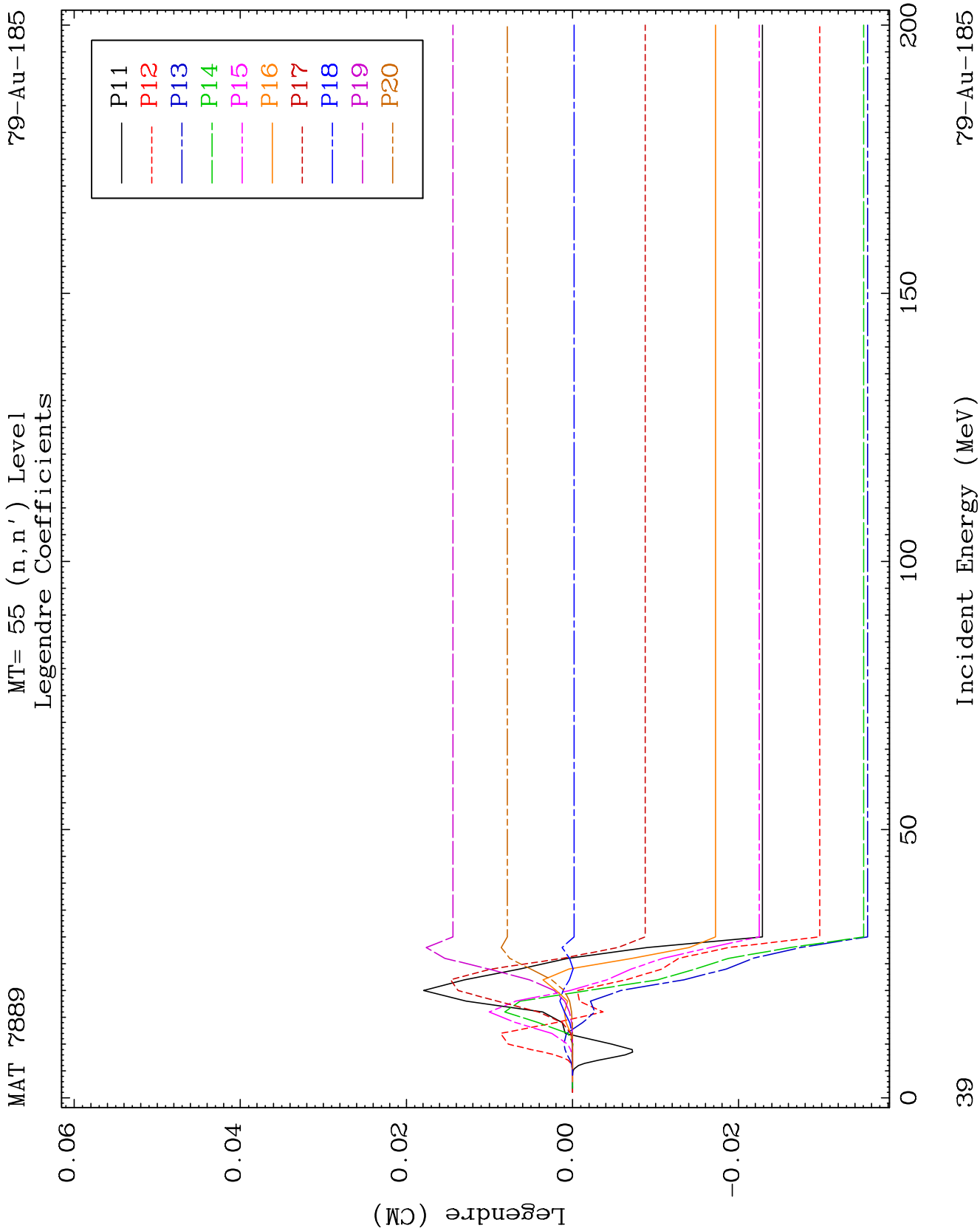
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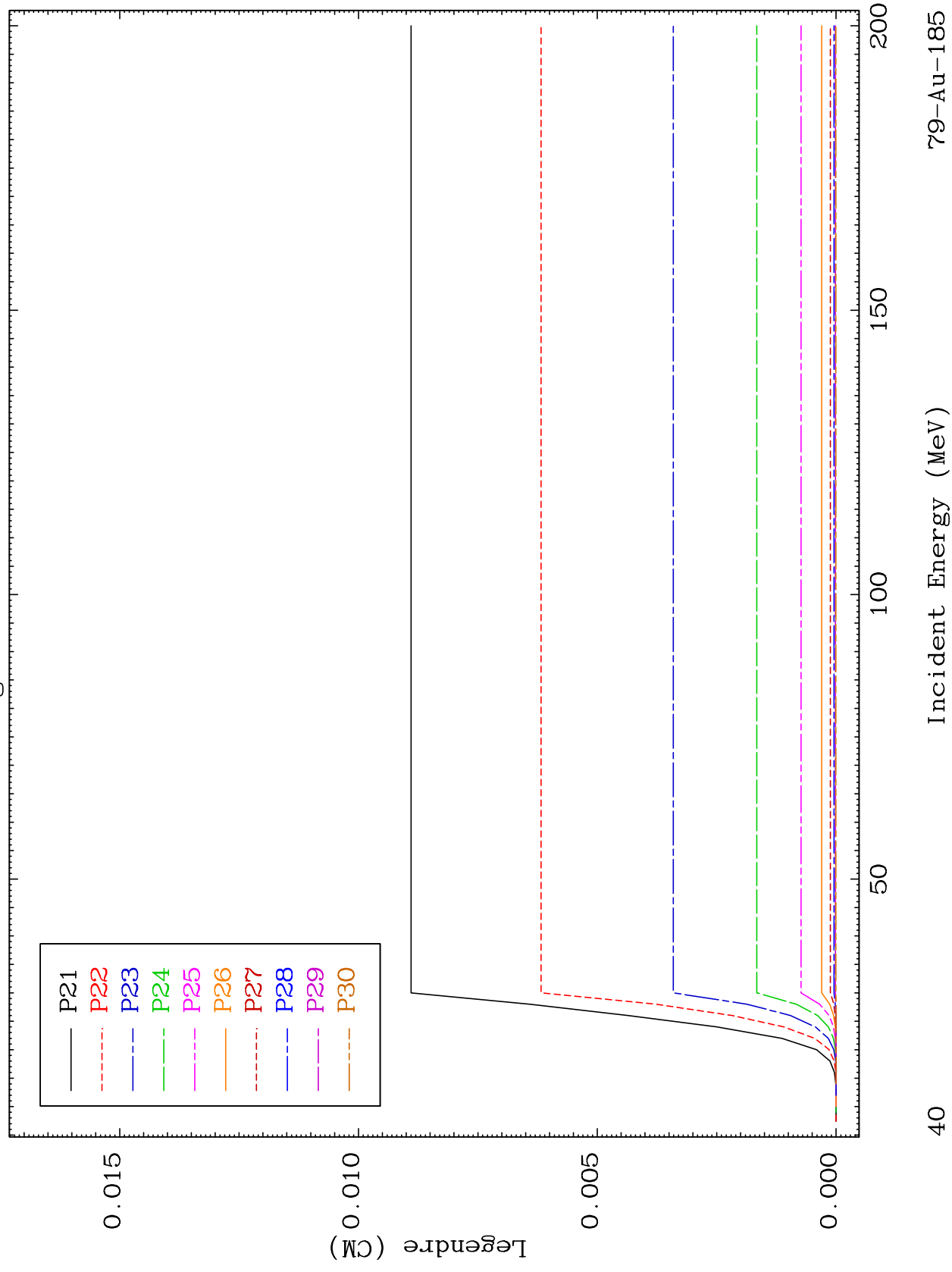


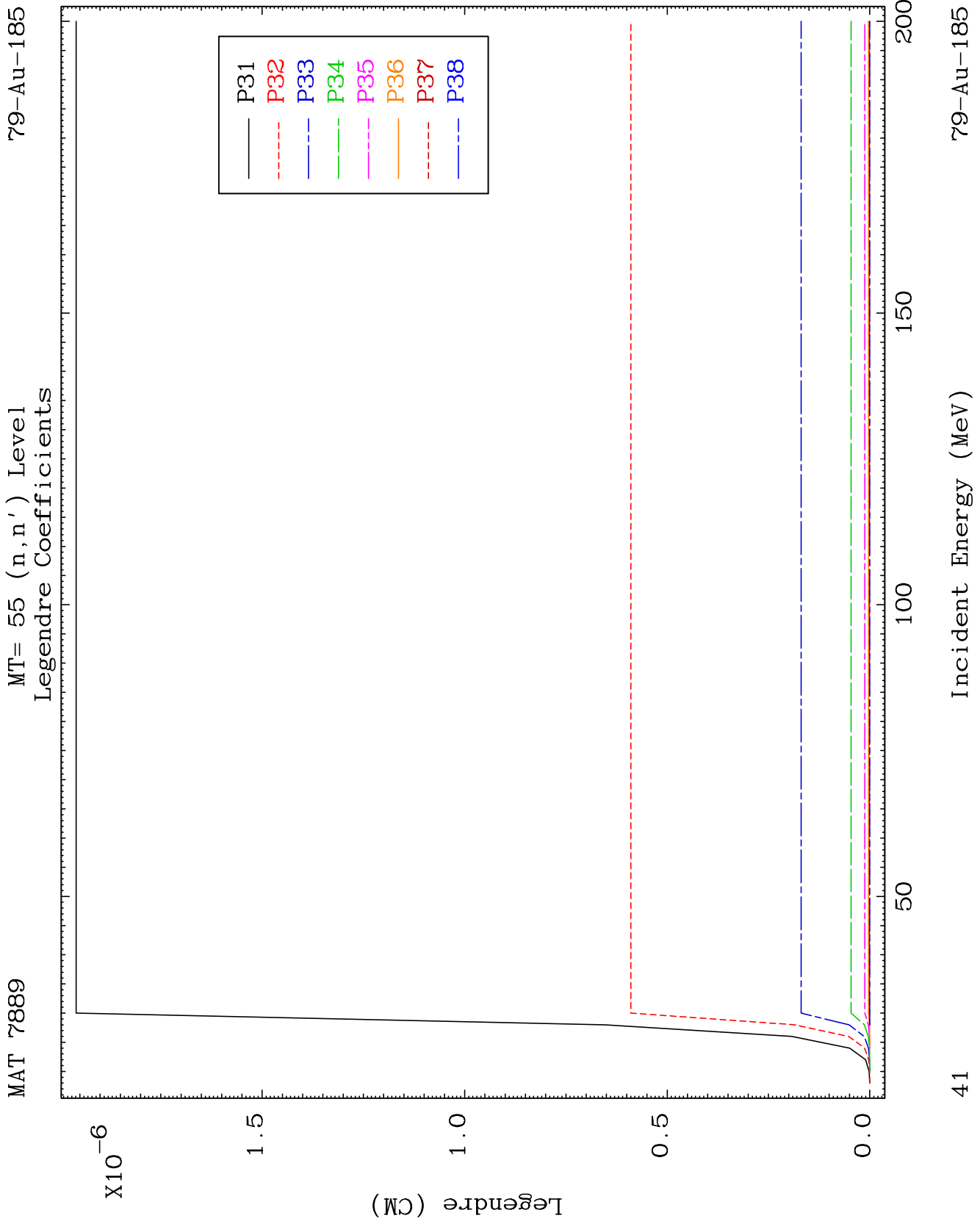


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MT= 55 (n, n') Level
Legendre Coefficients

79-Au-185

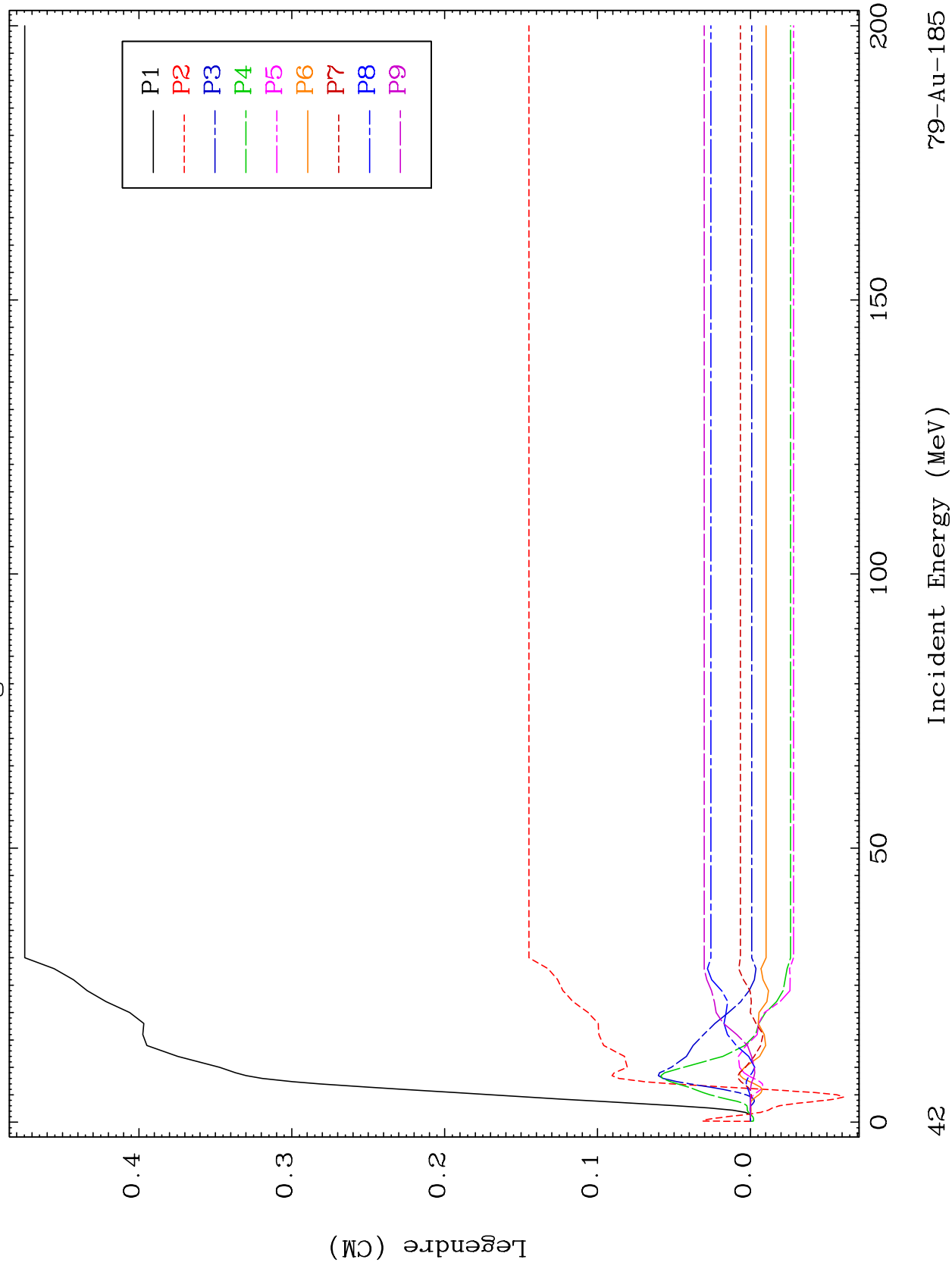


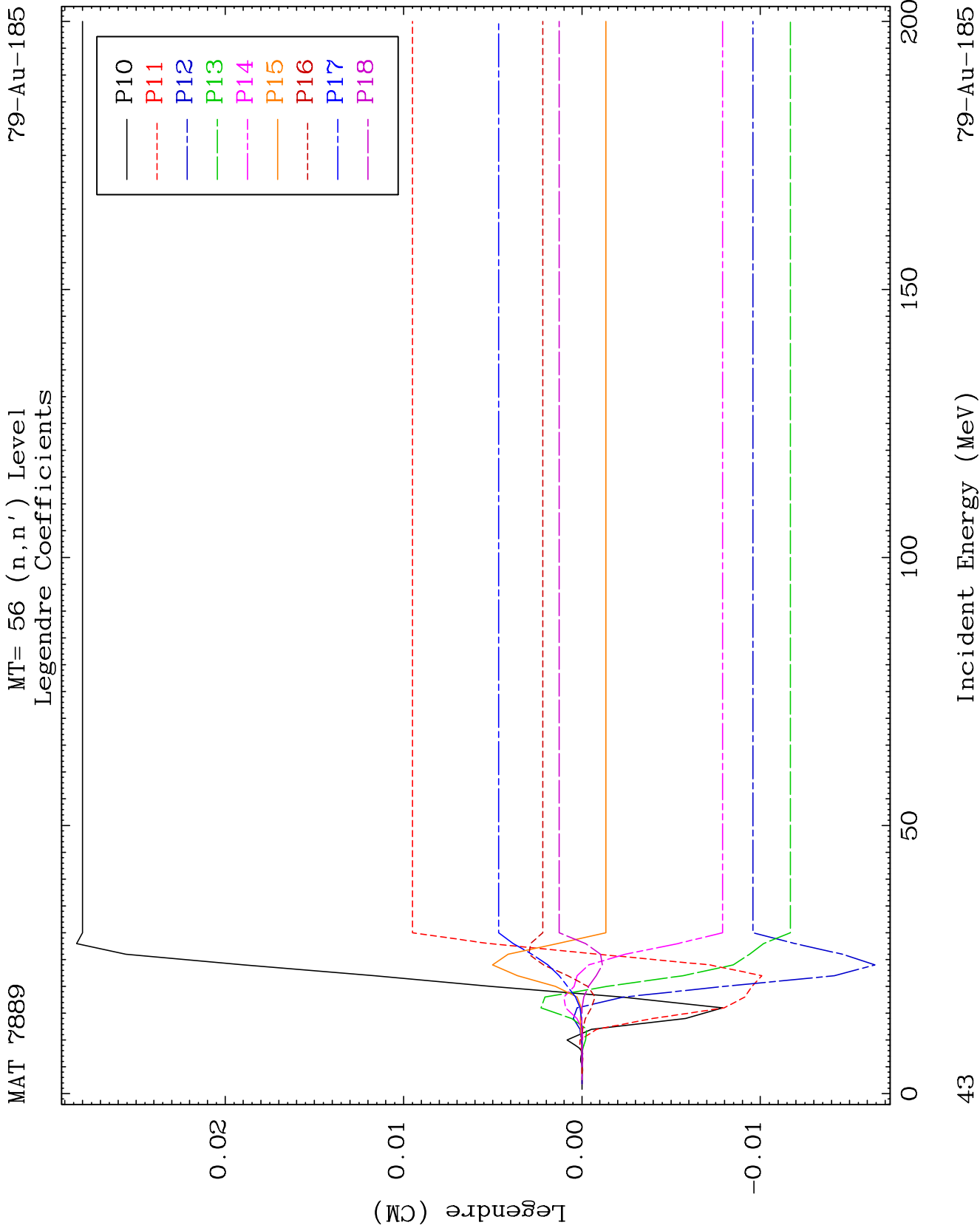


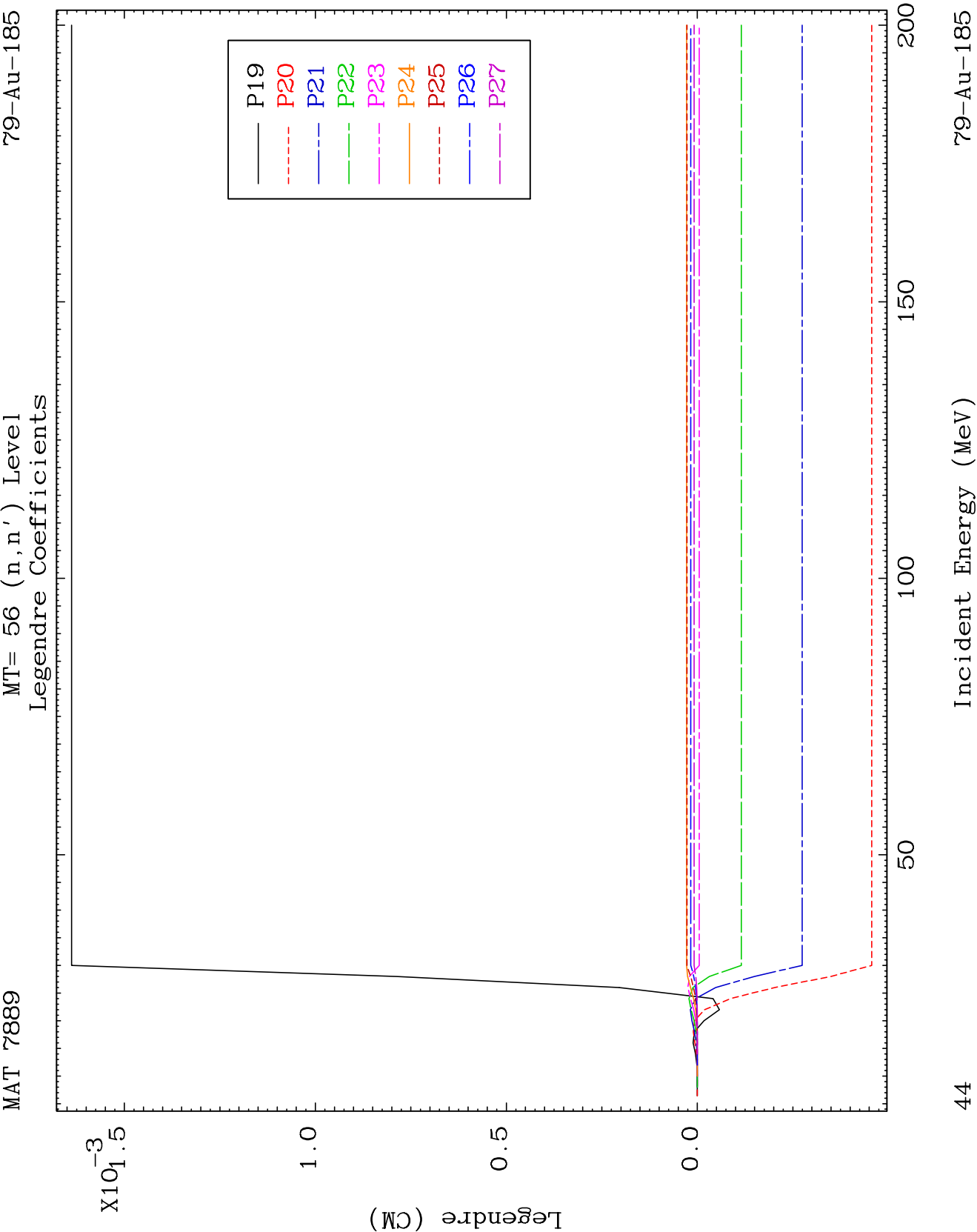
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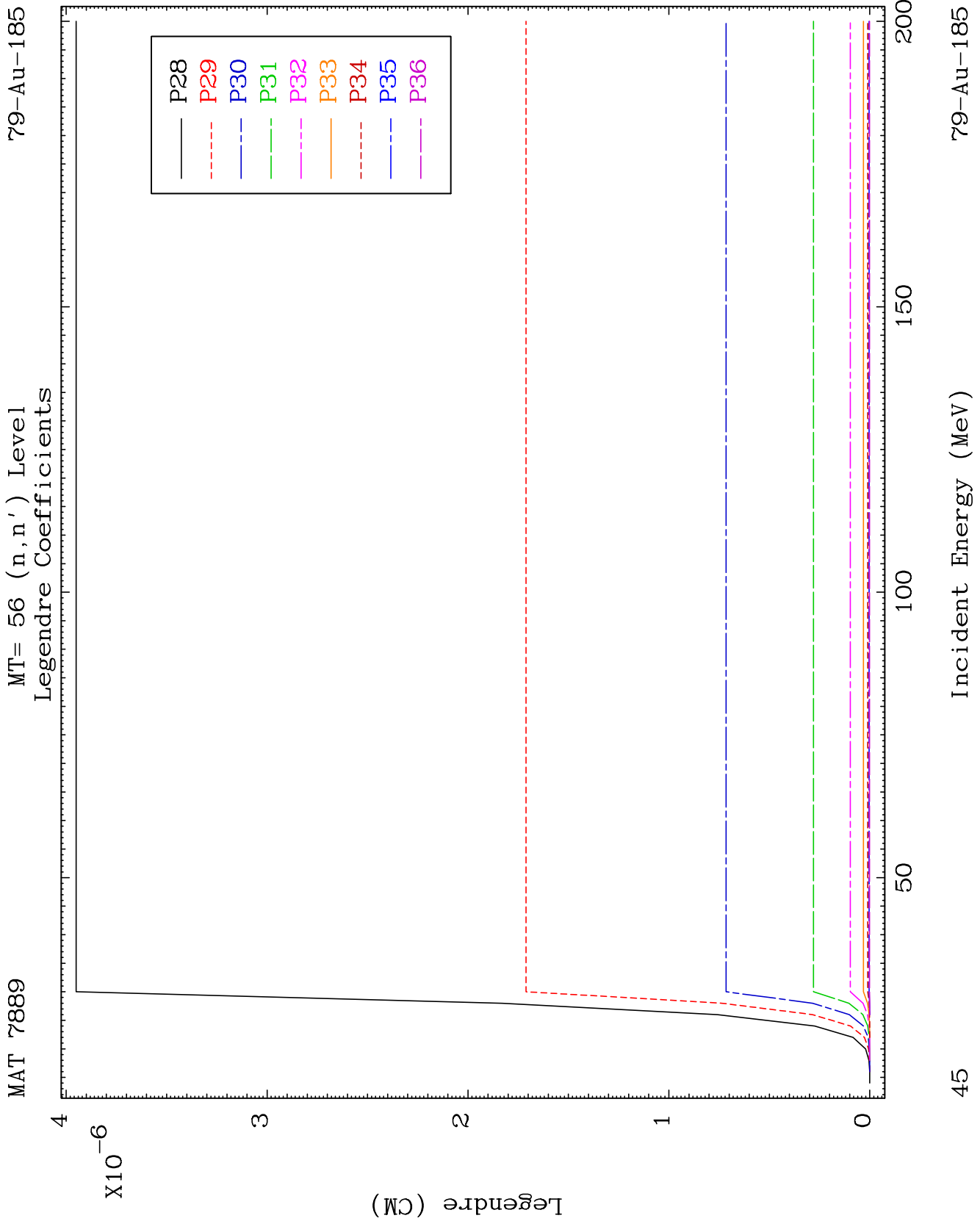
MT= 56 (n, n') Level
Legendre Coefficients

79-Au-185





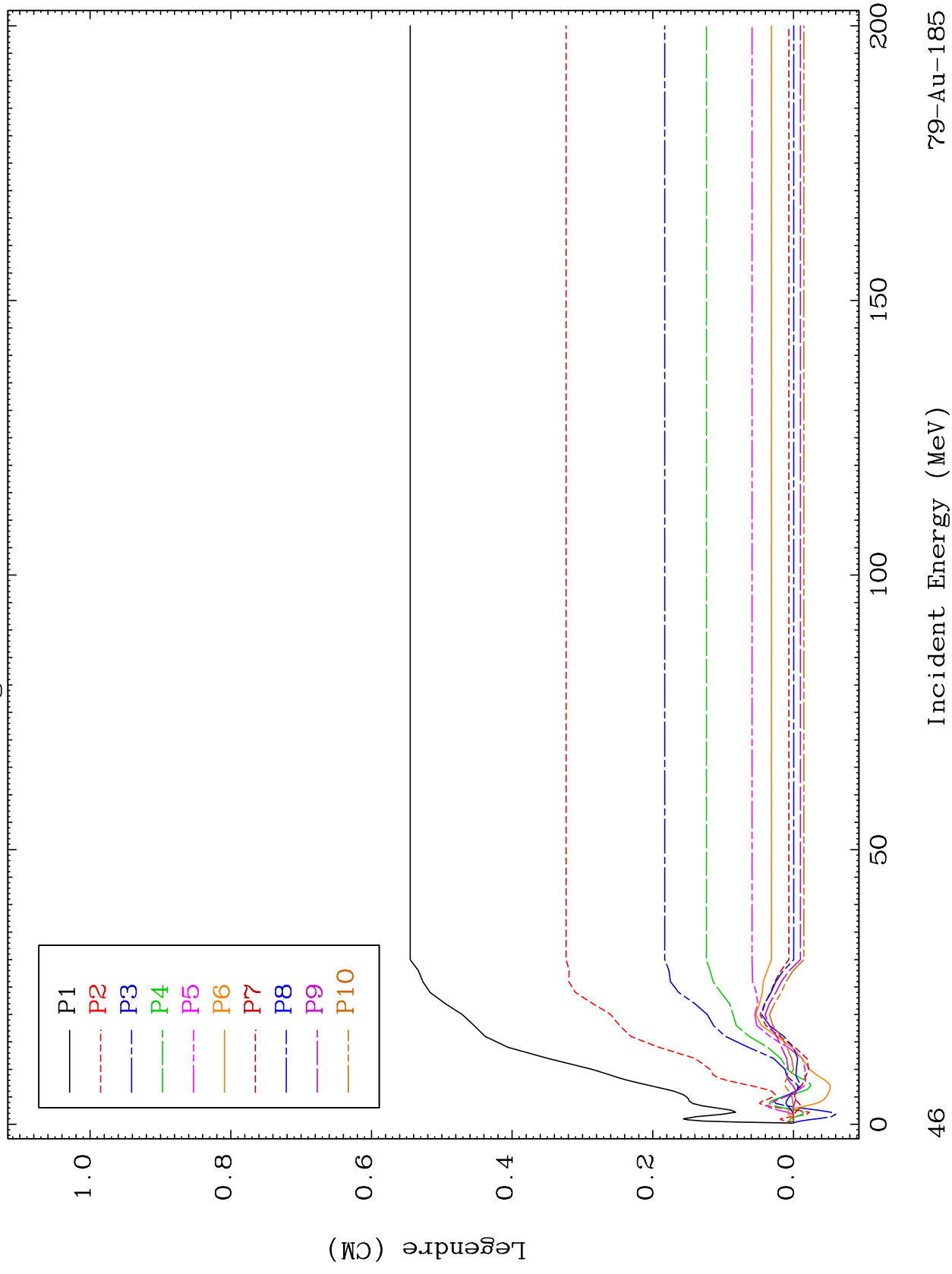


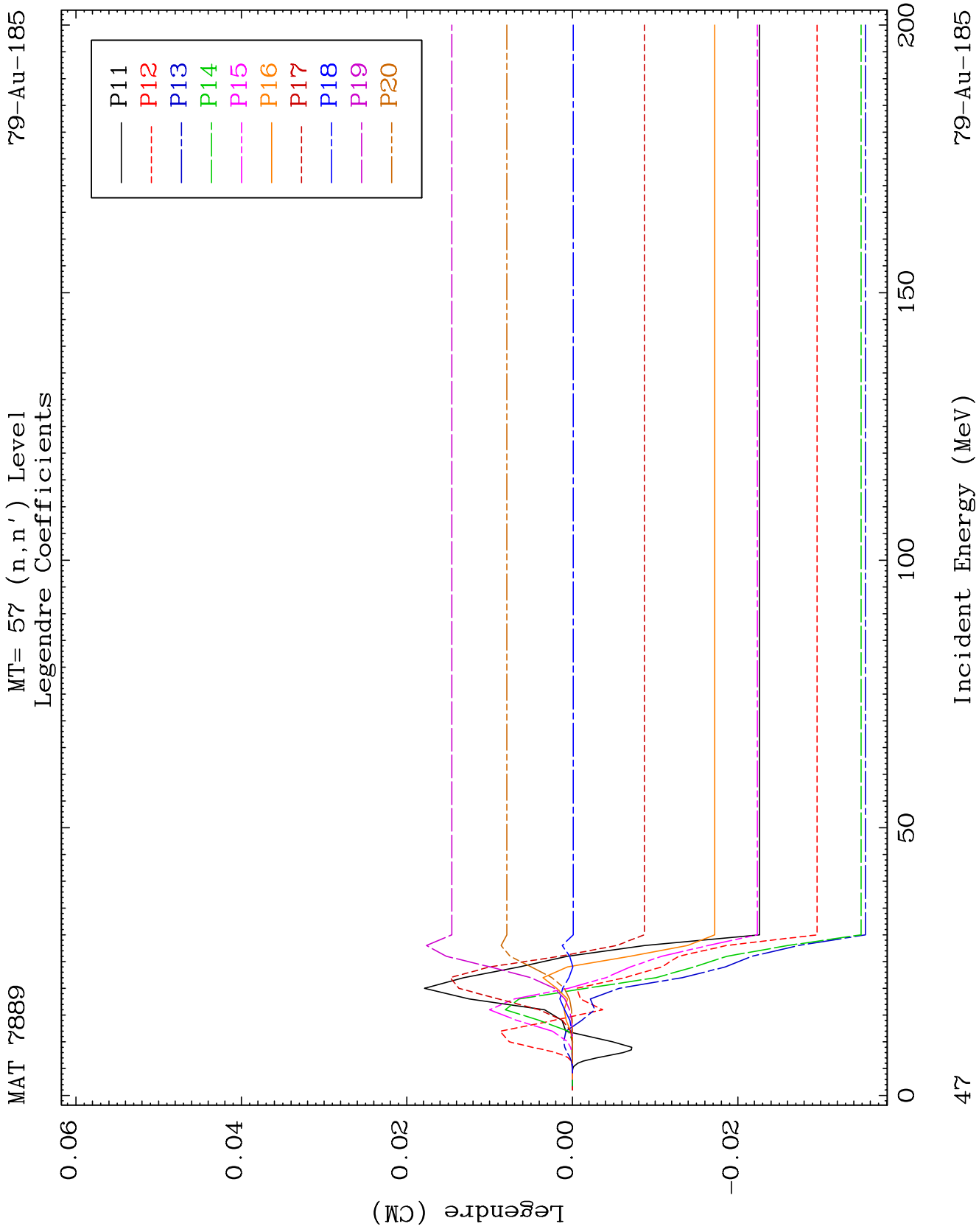


MAT 7889

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

79-Au-185

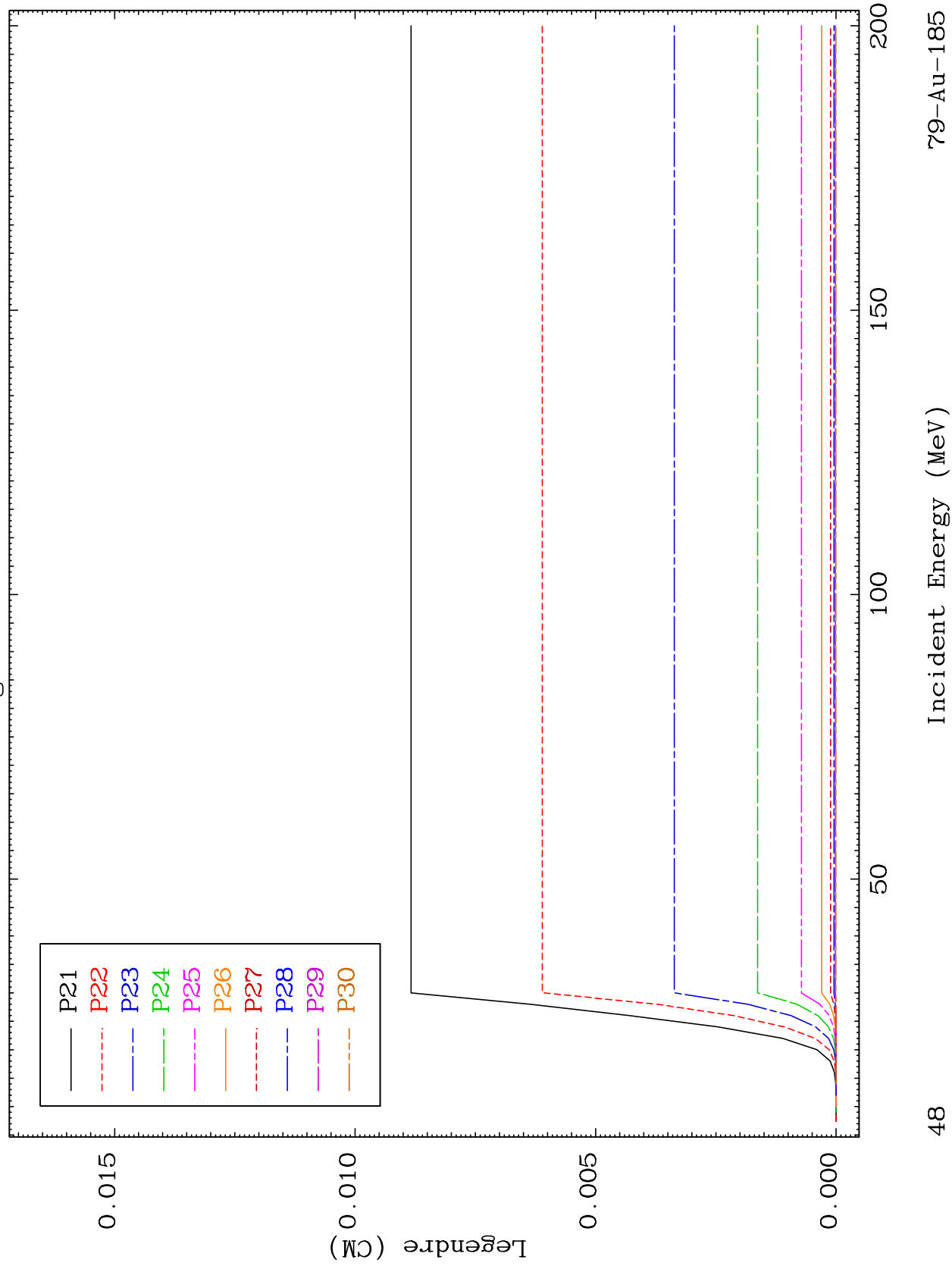




MAT 7889

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

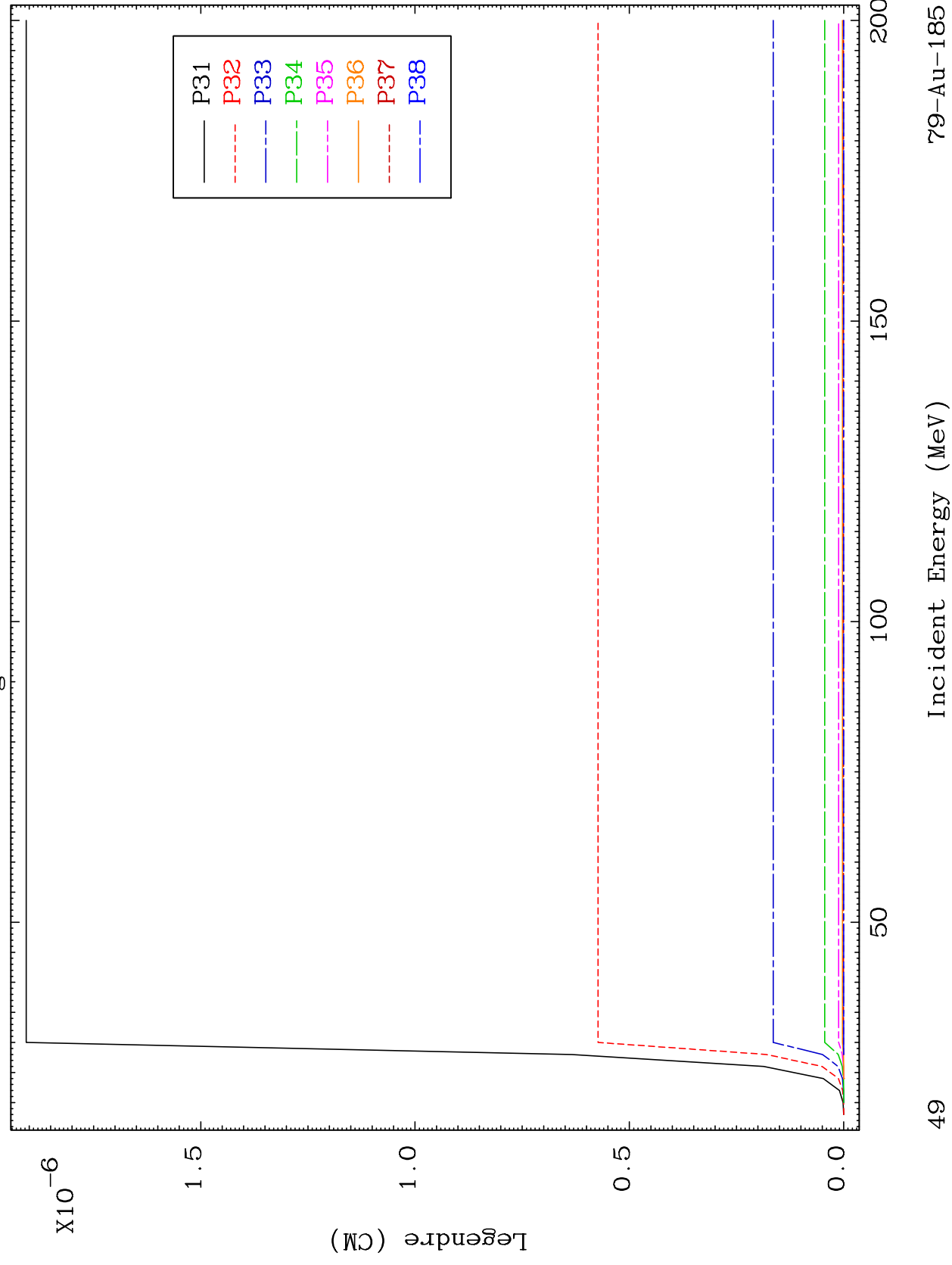
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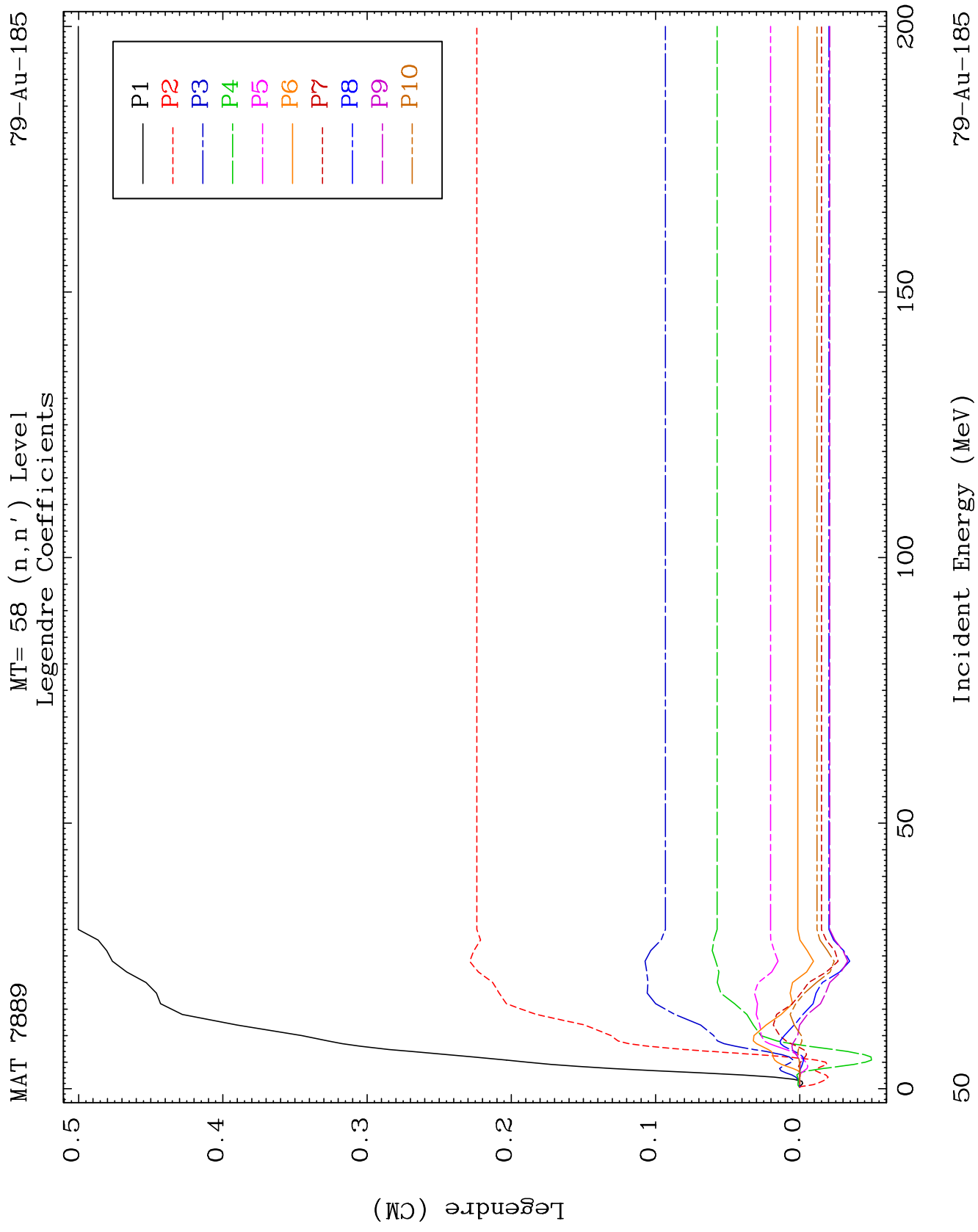


MAT 7889

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

79-Au-185

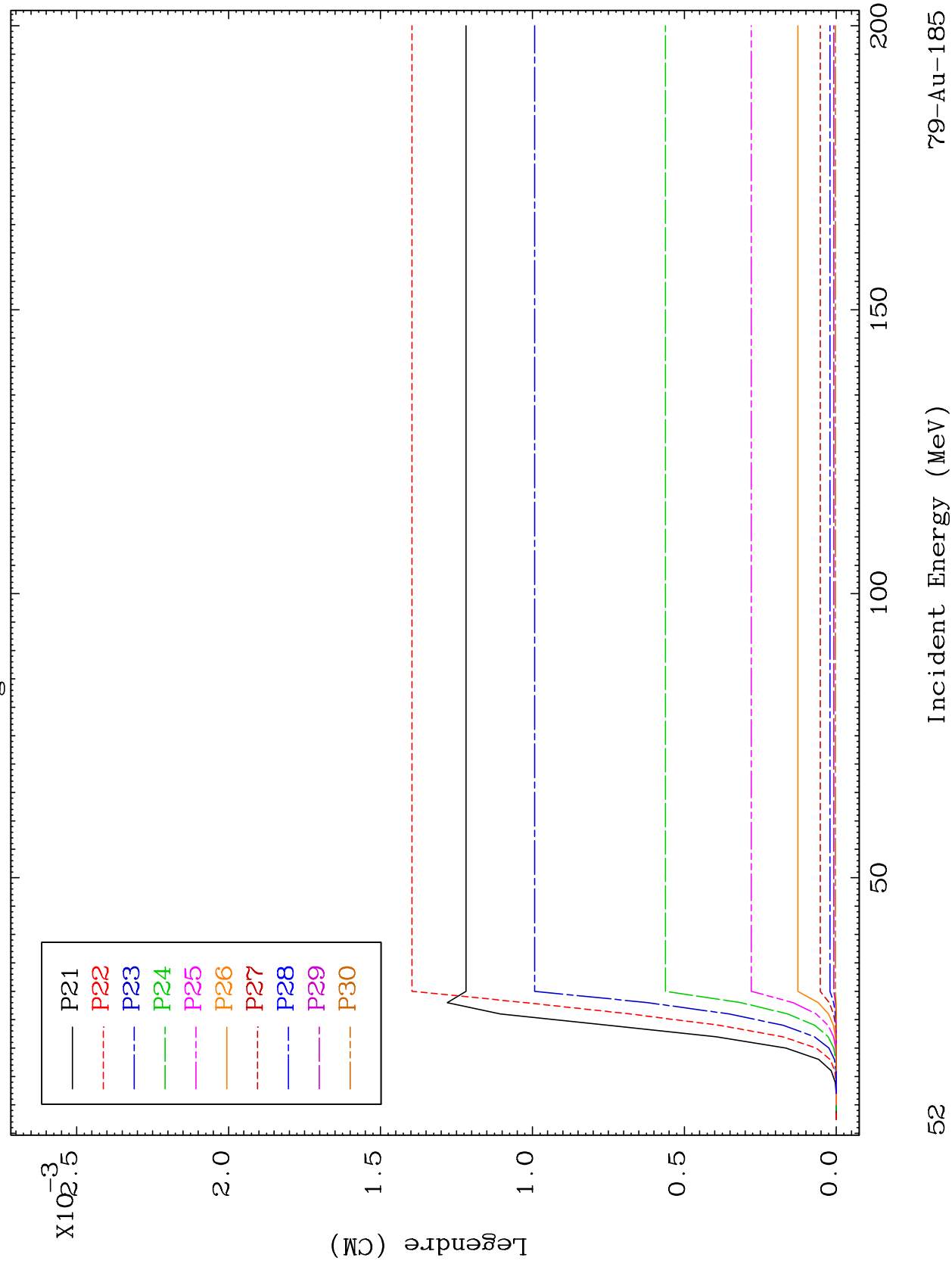


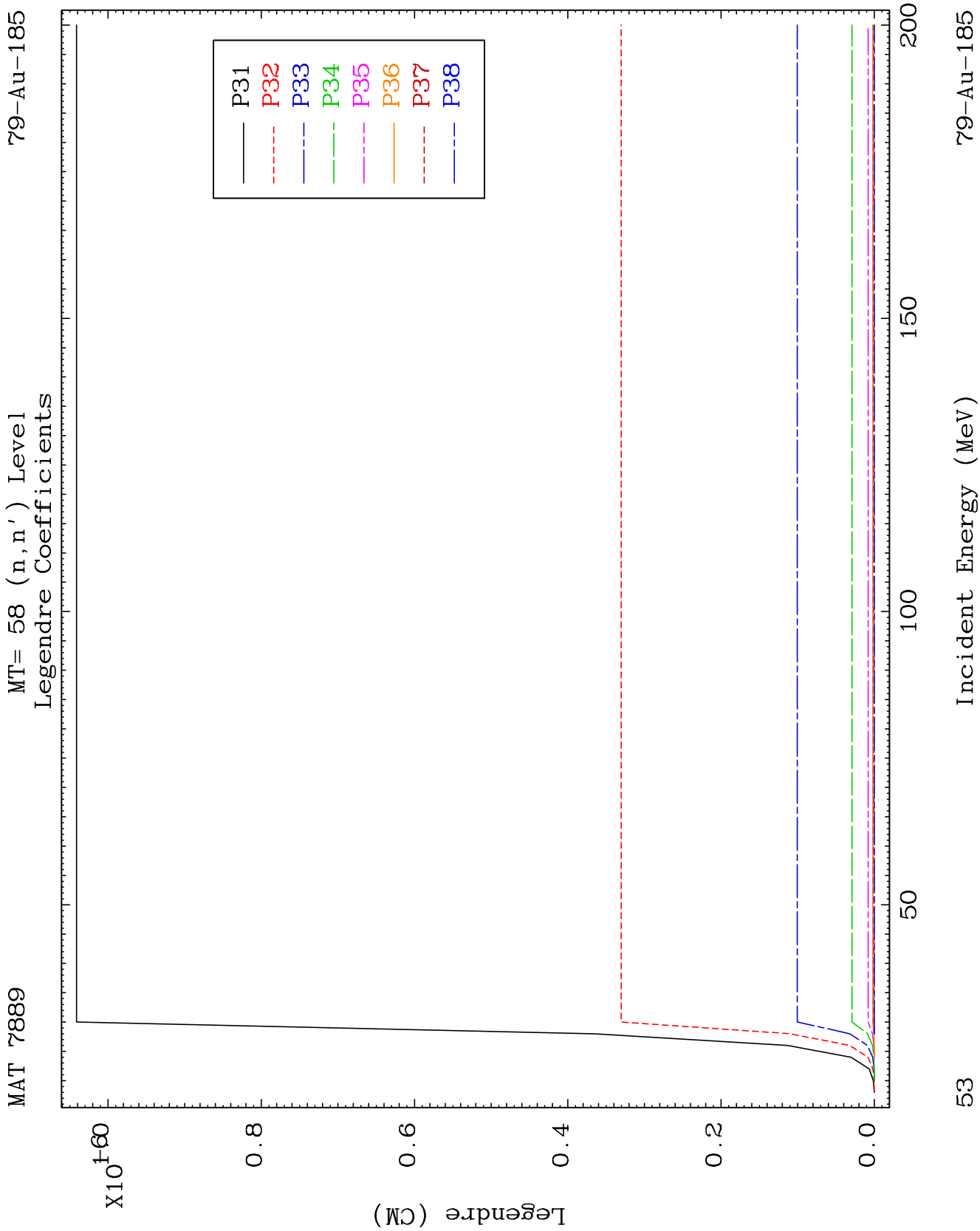


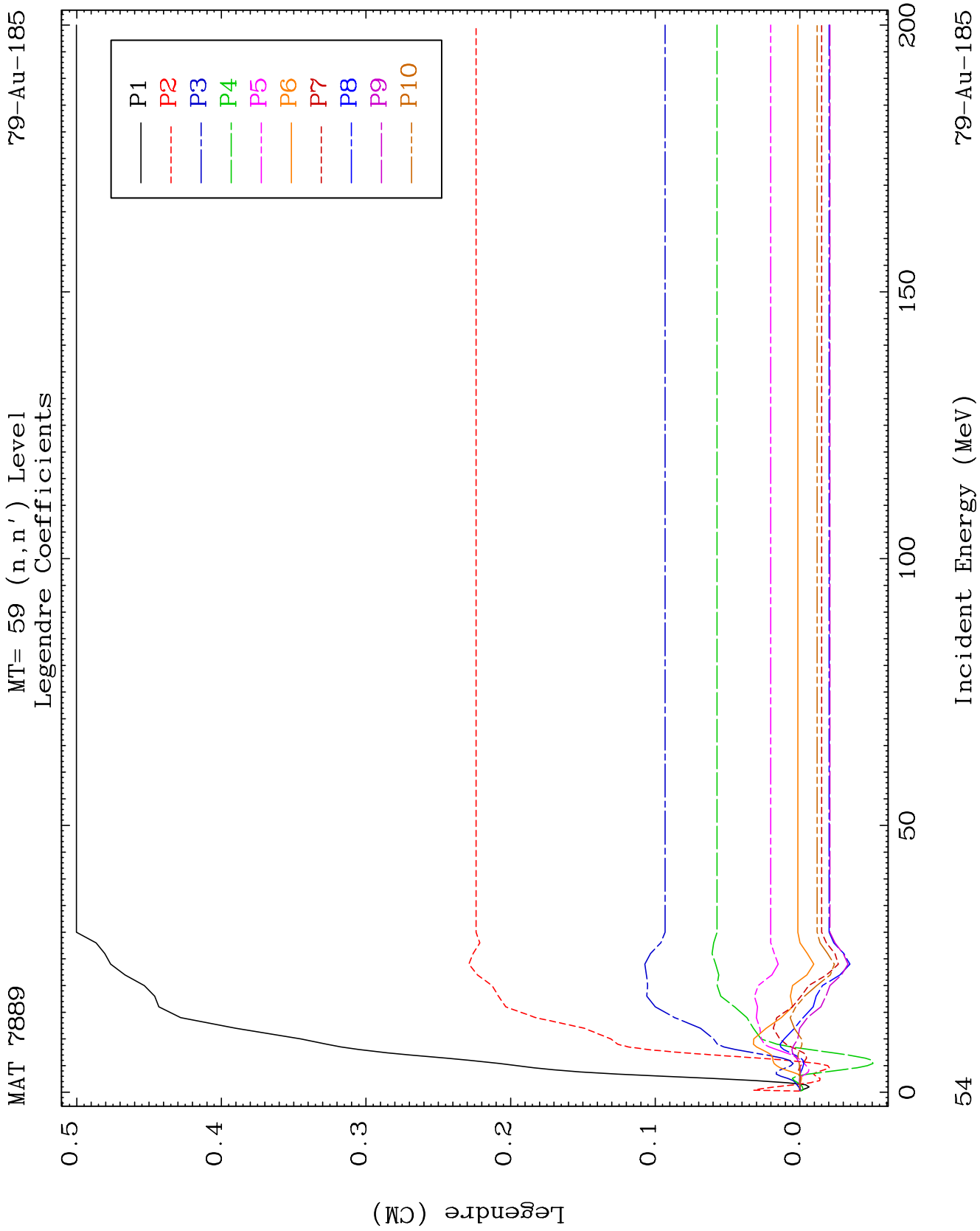
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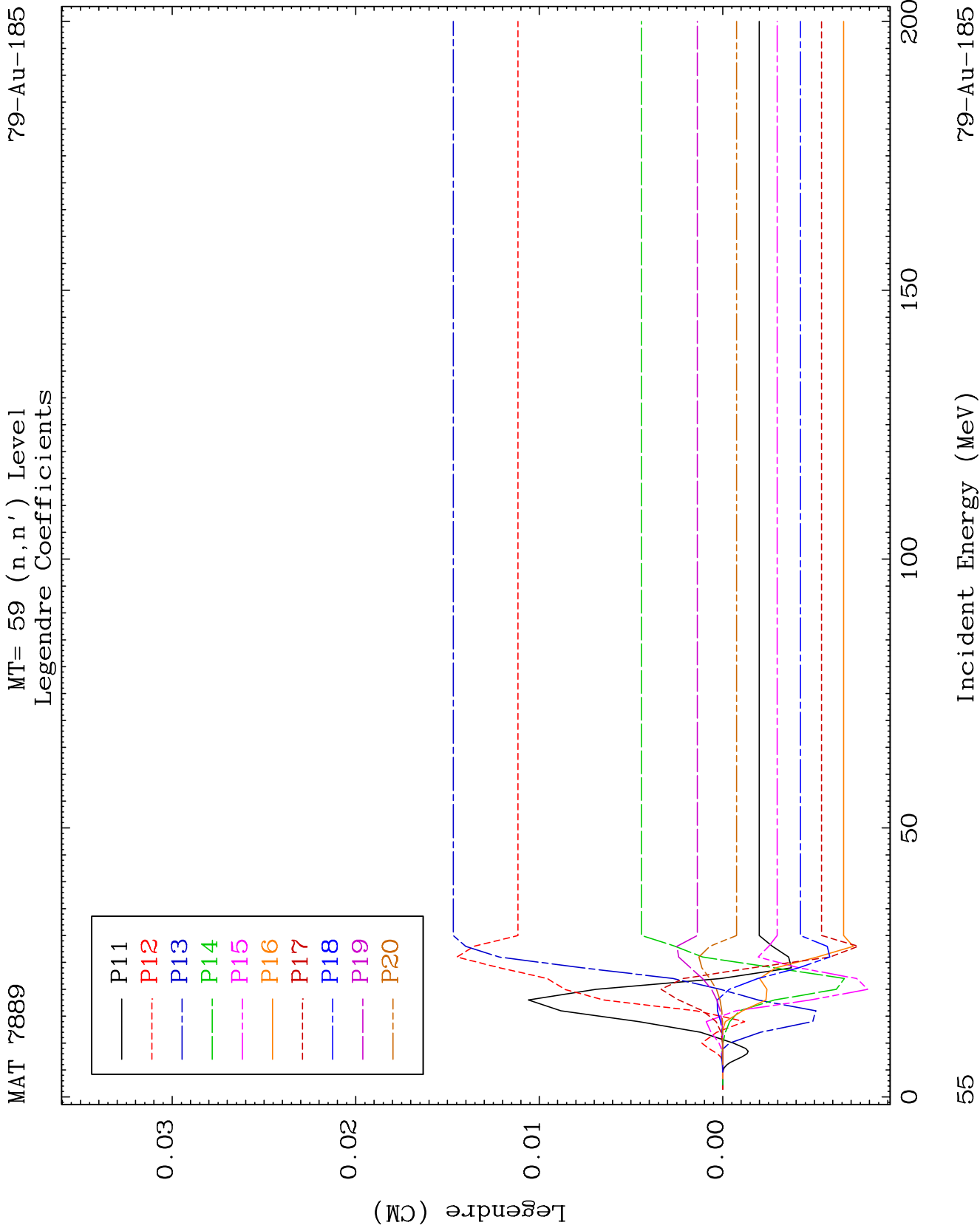
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Legendre Coefficients

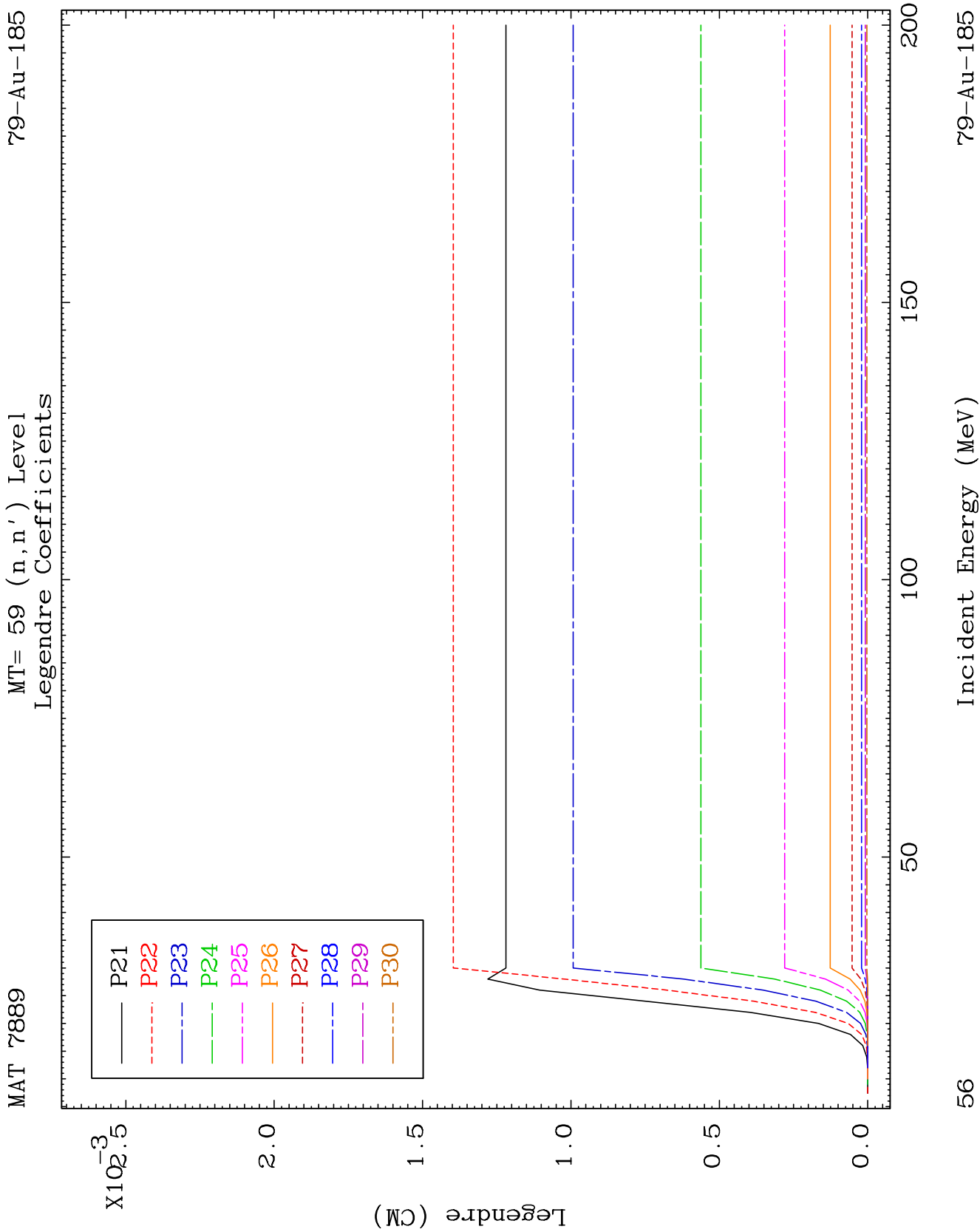
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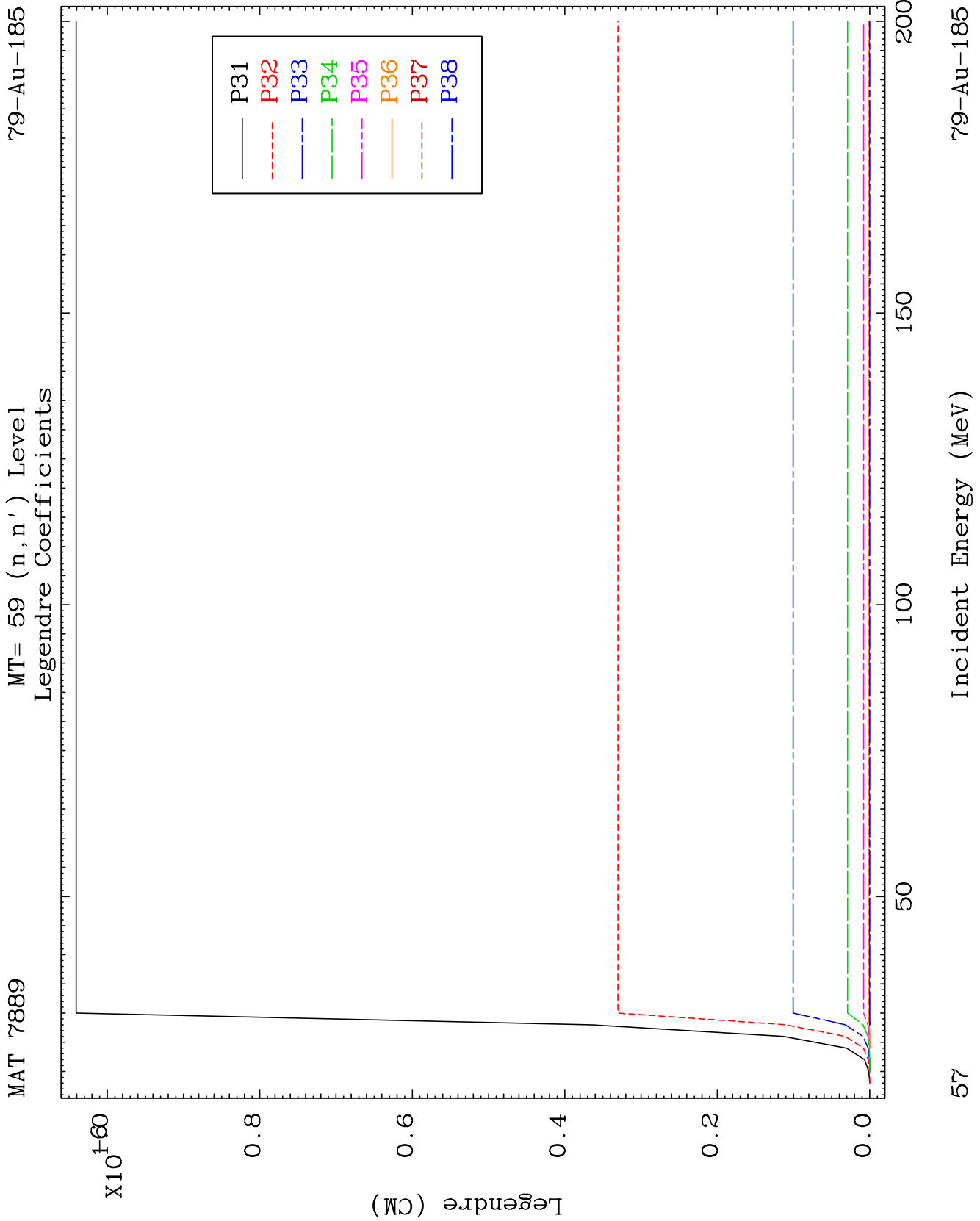


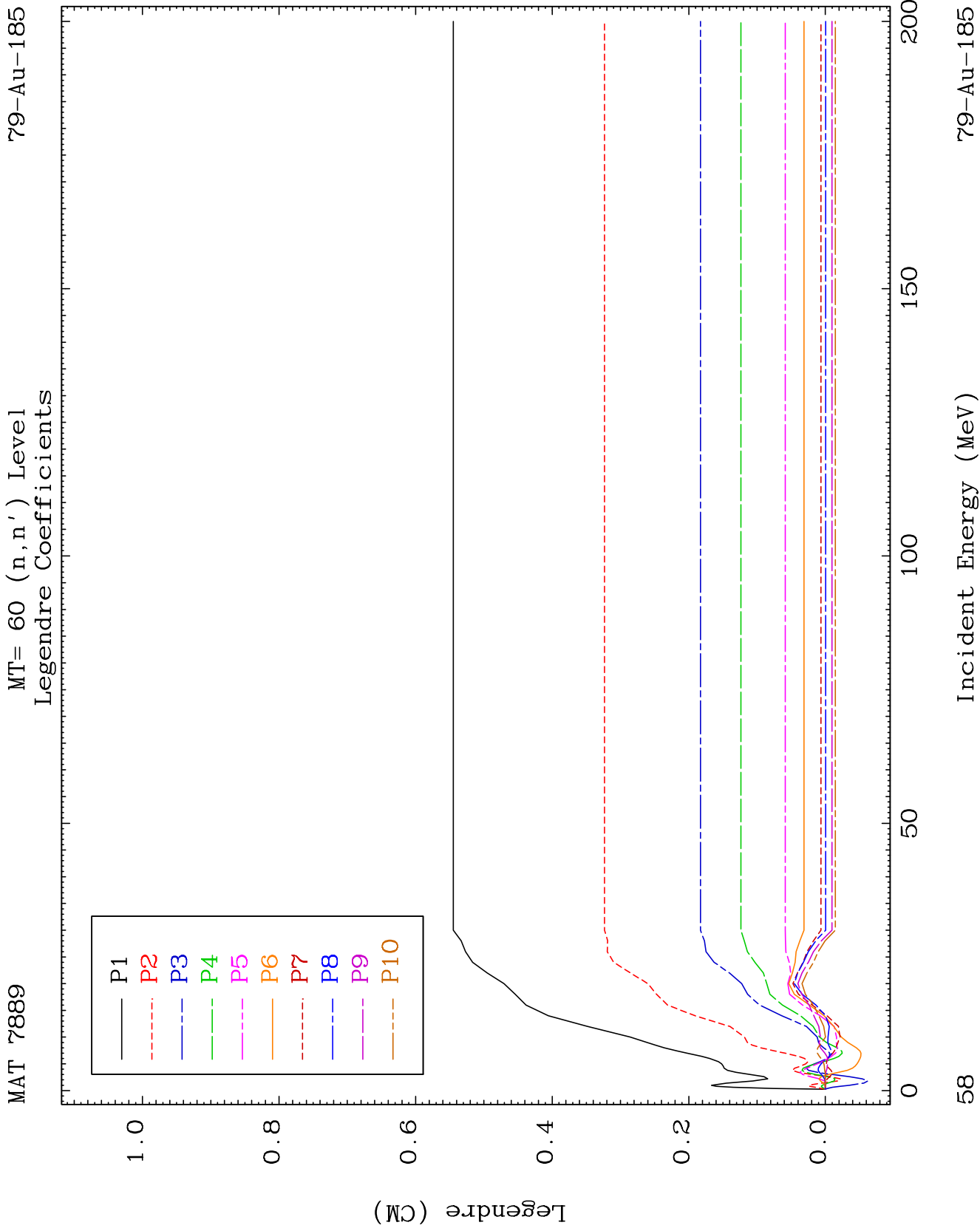


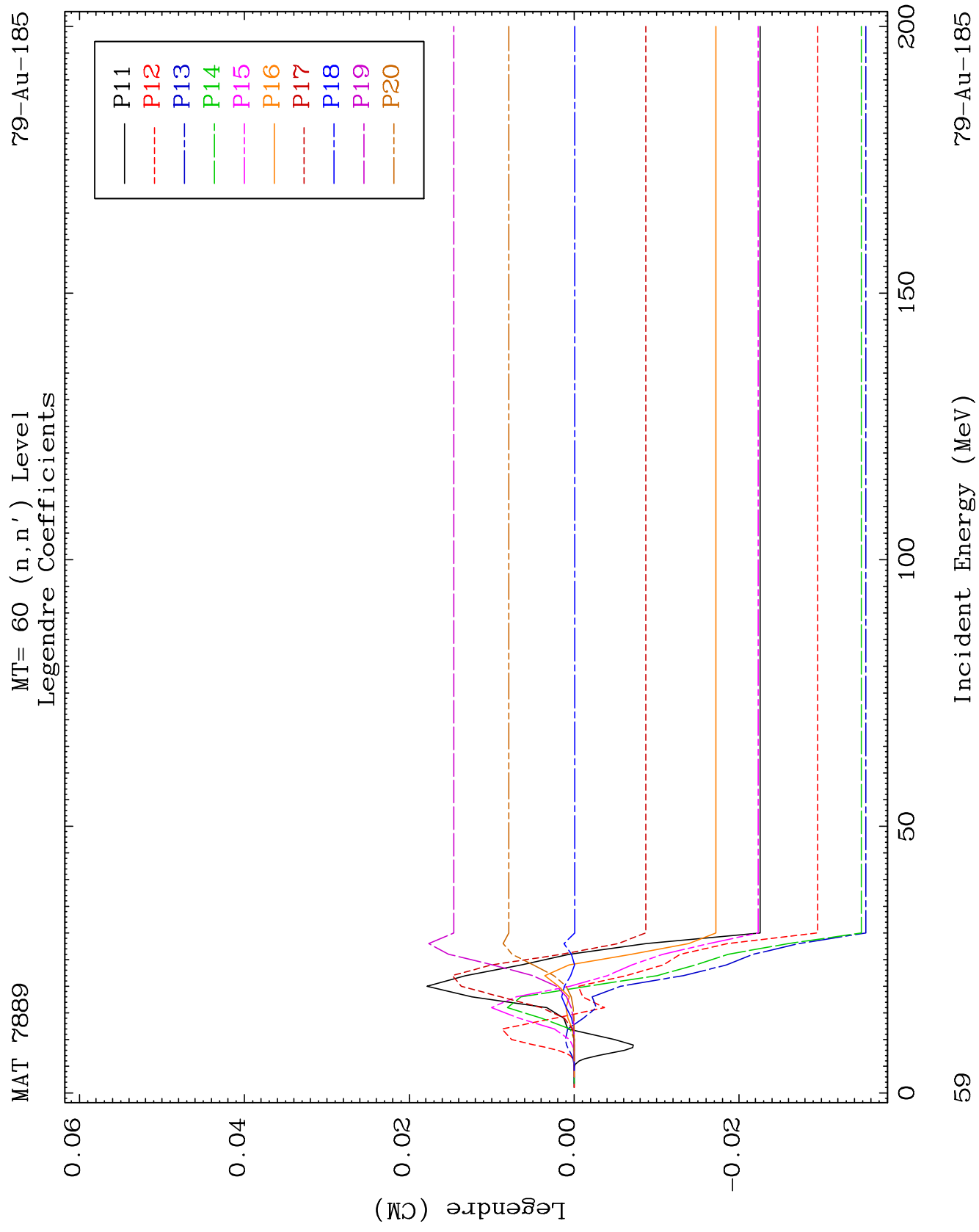


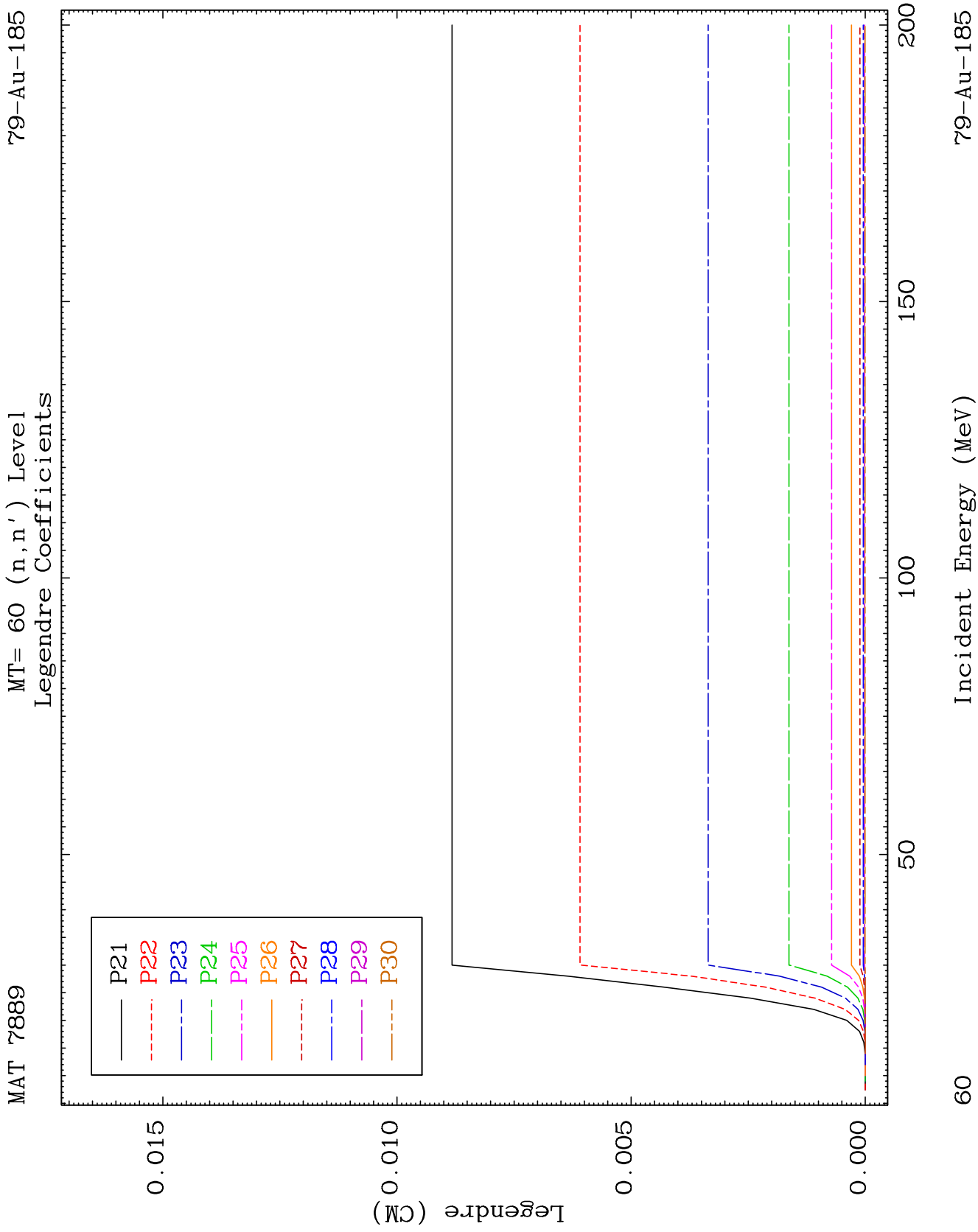


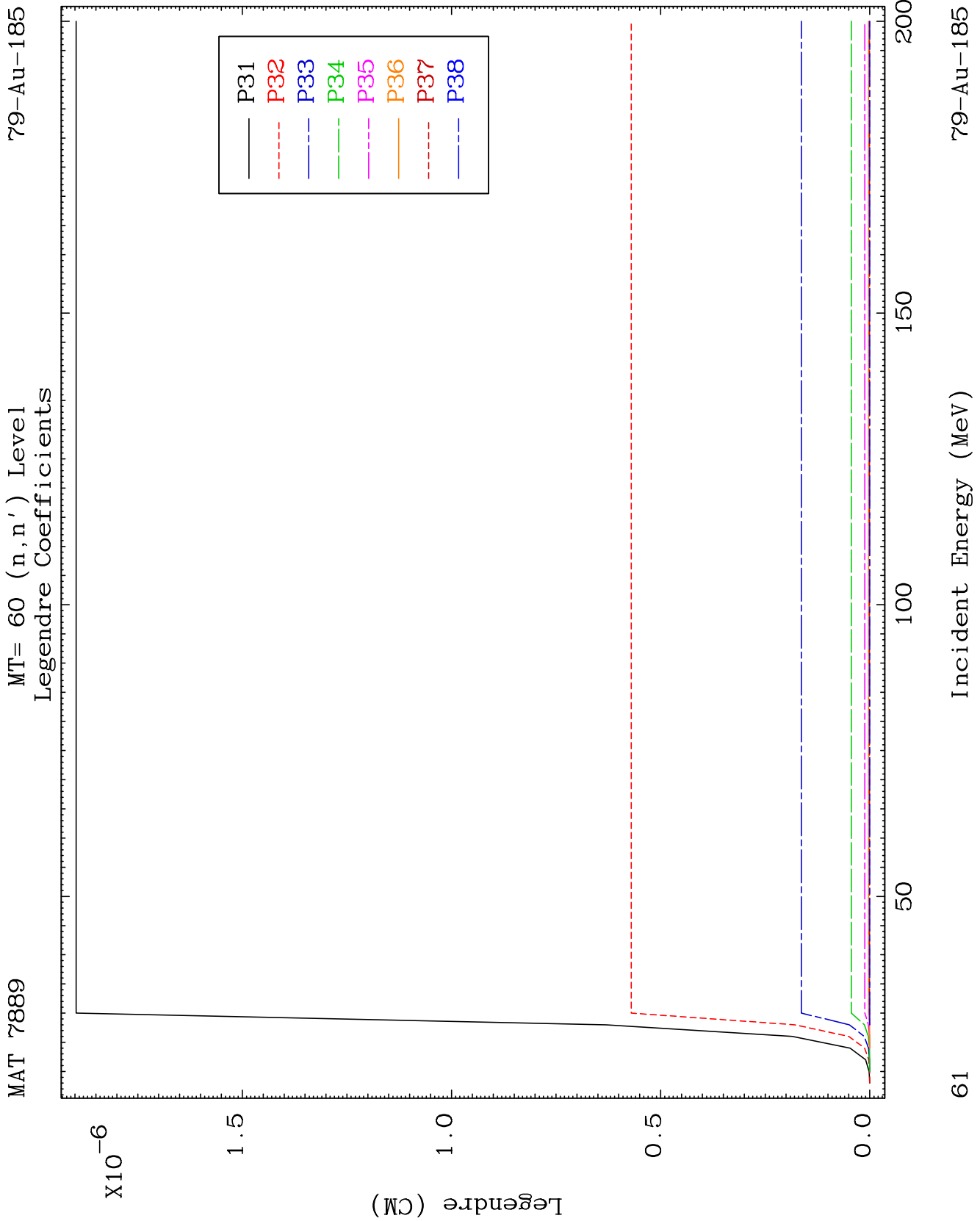


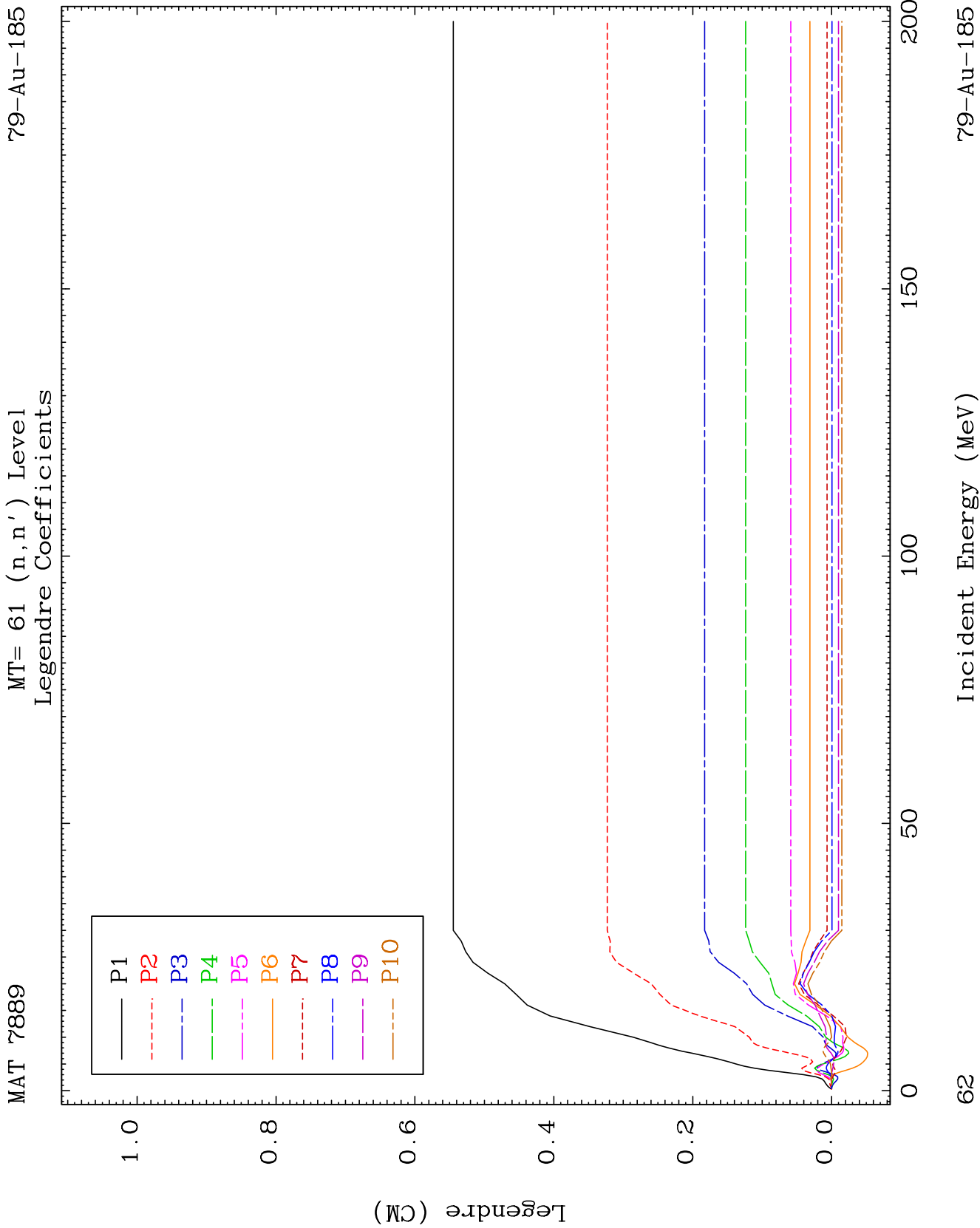


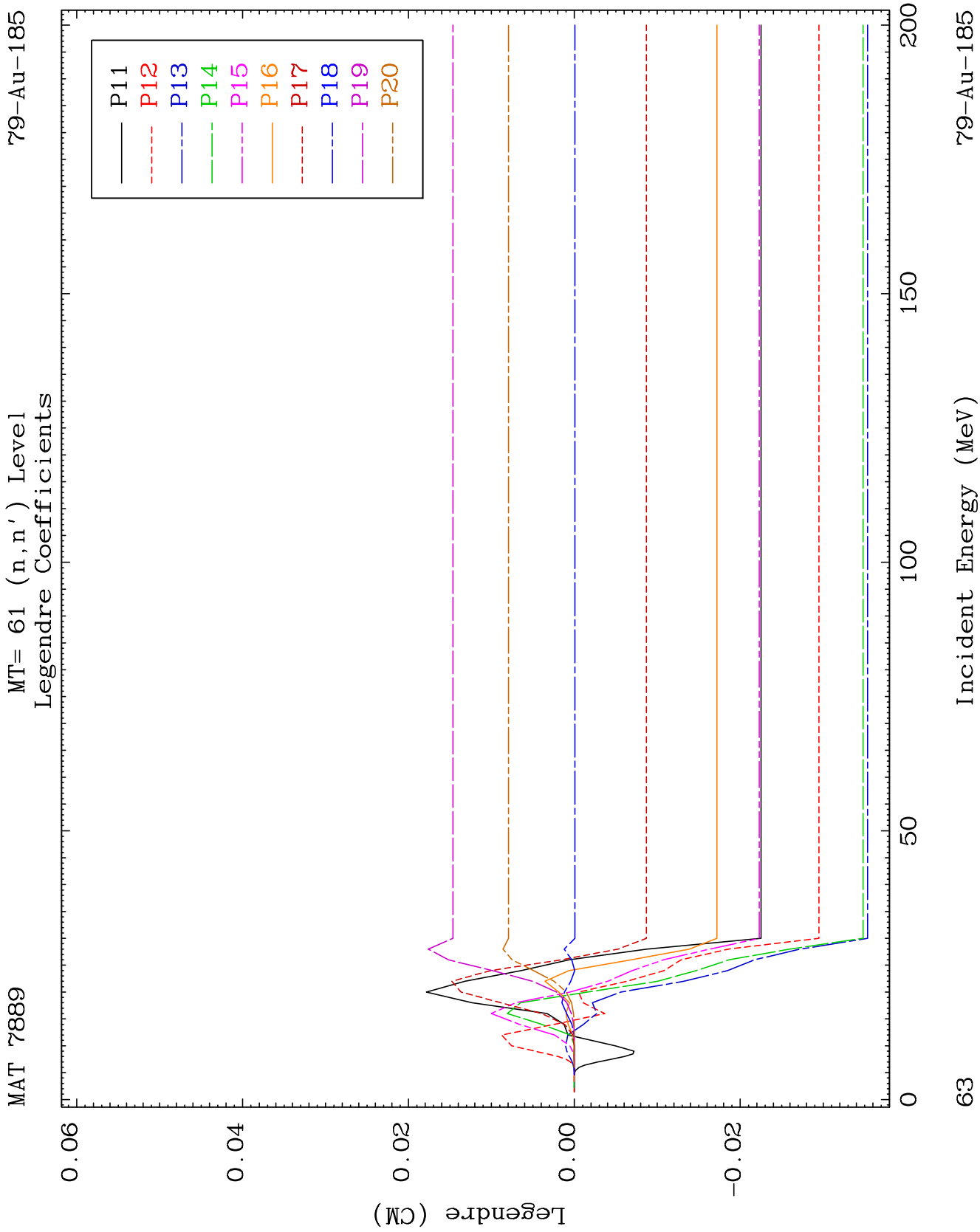


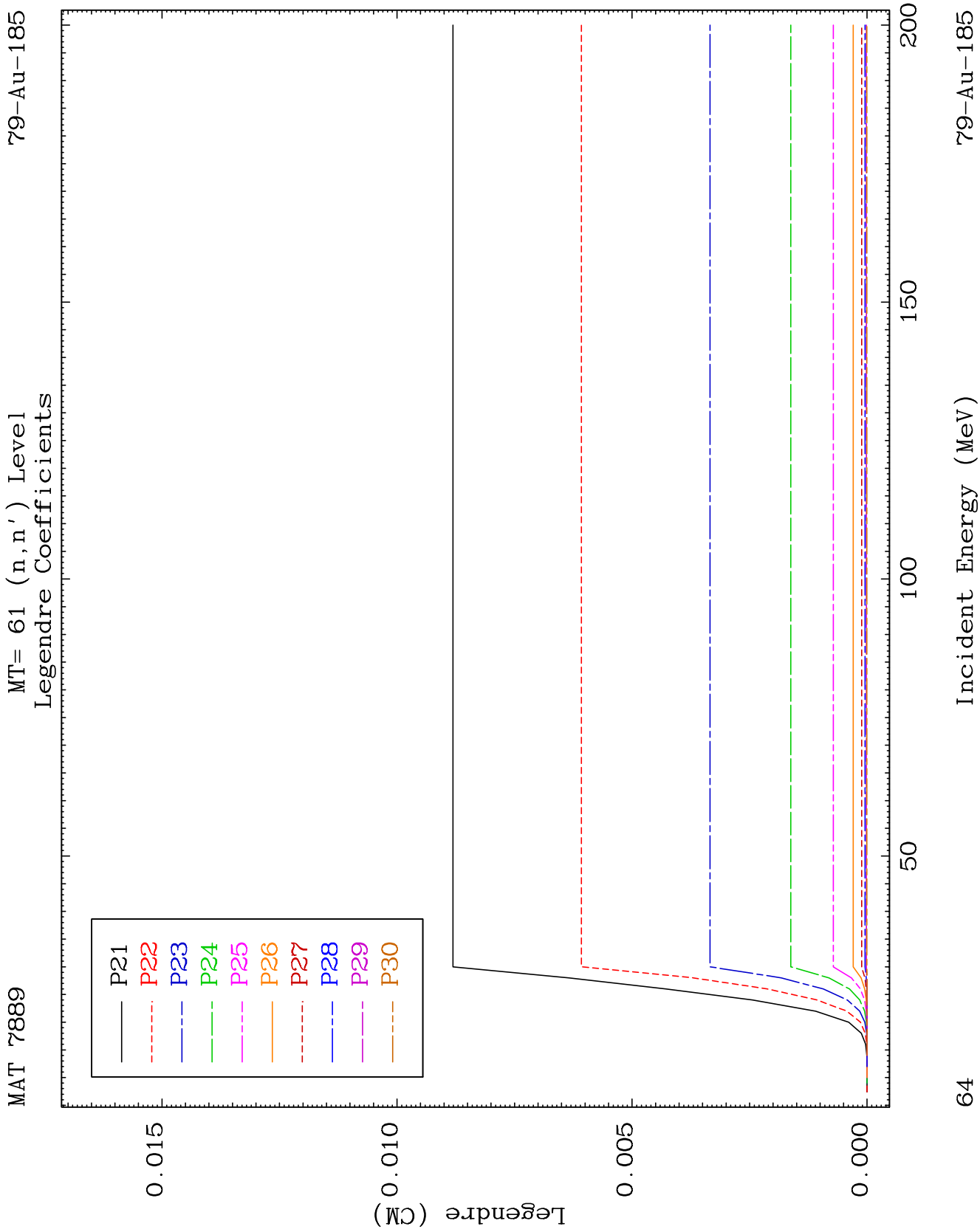








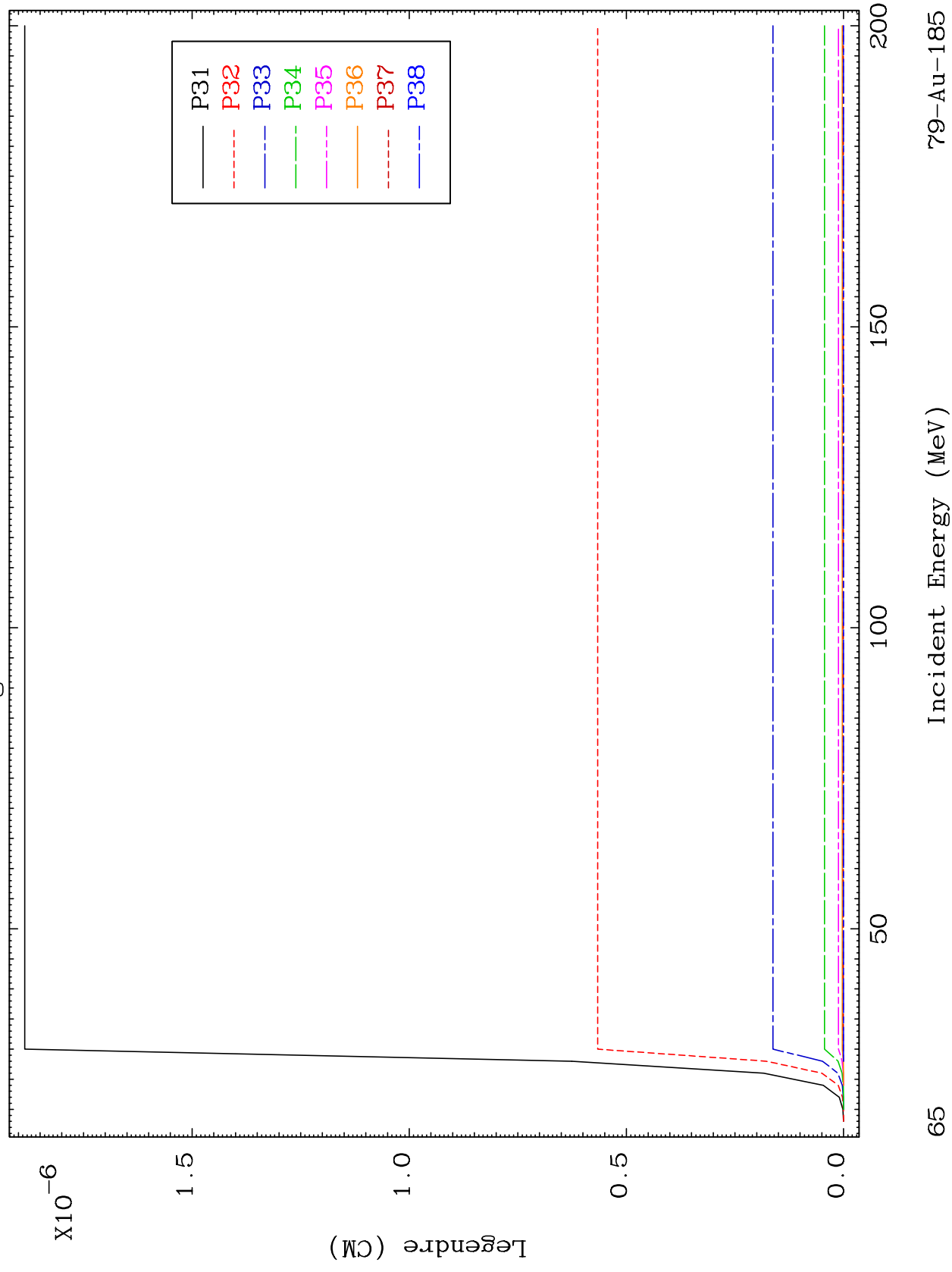




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MT= 61 (n, n') Level
Legendre Coefficients

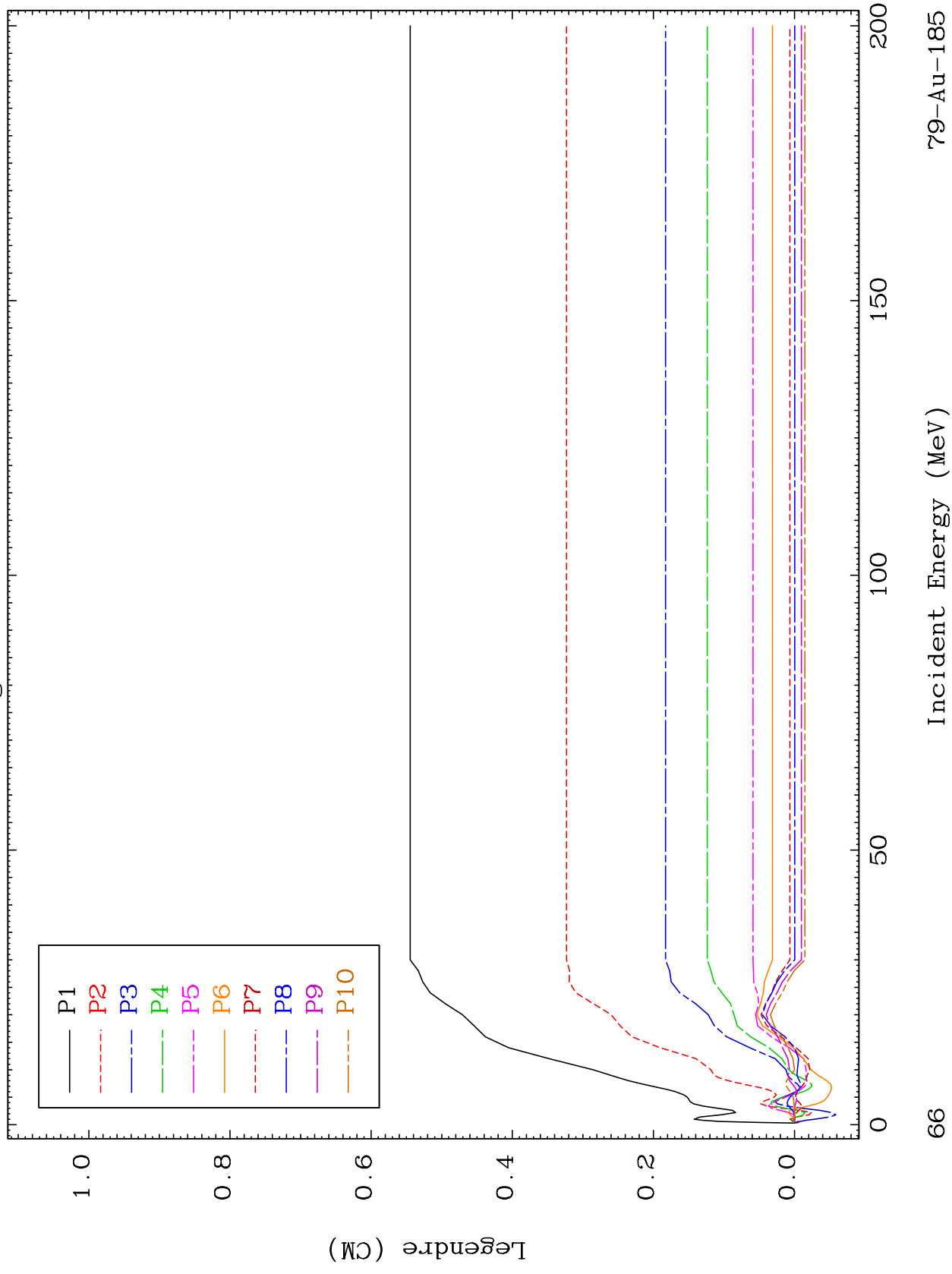
79-Au-185

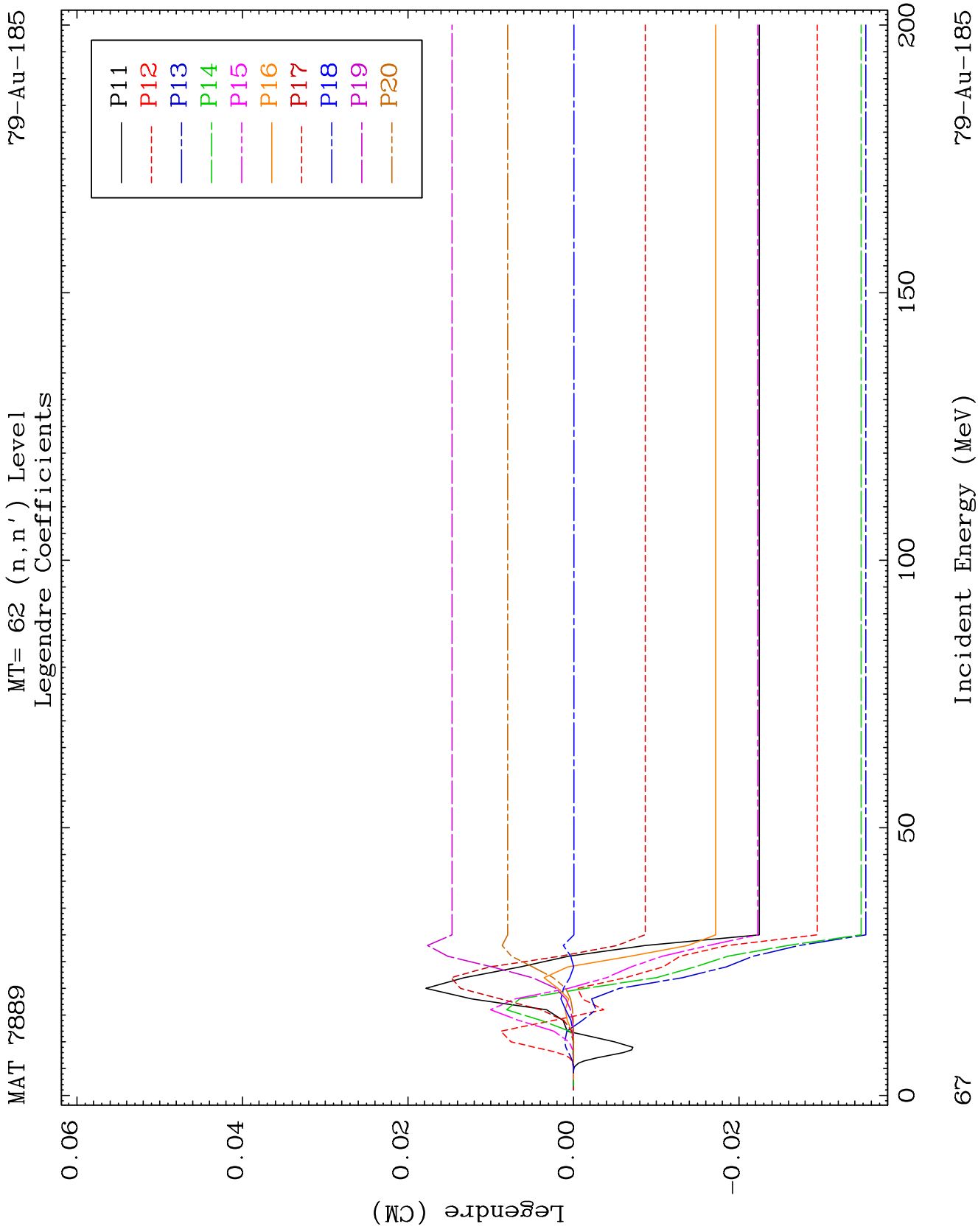


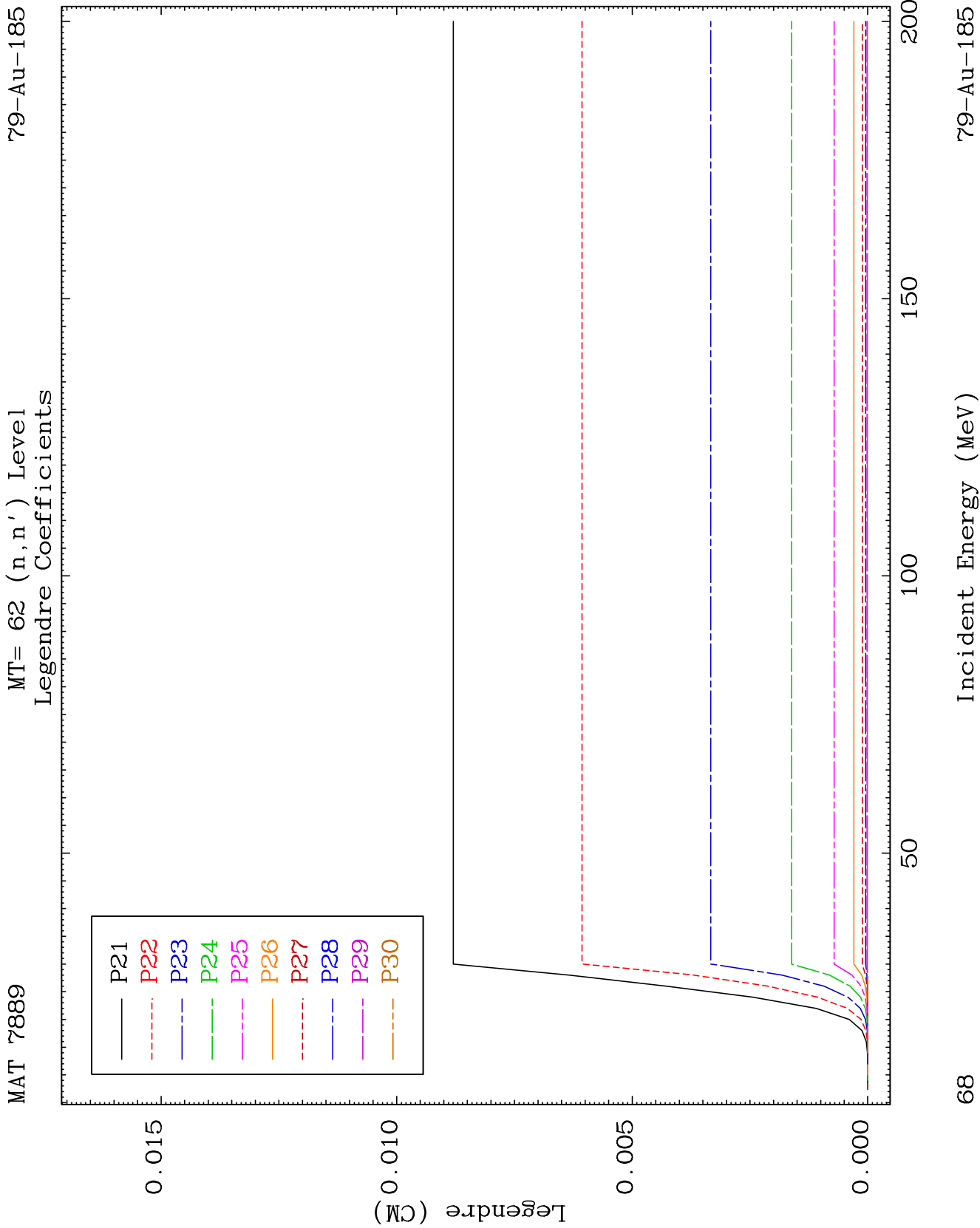
MAT 7889

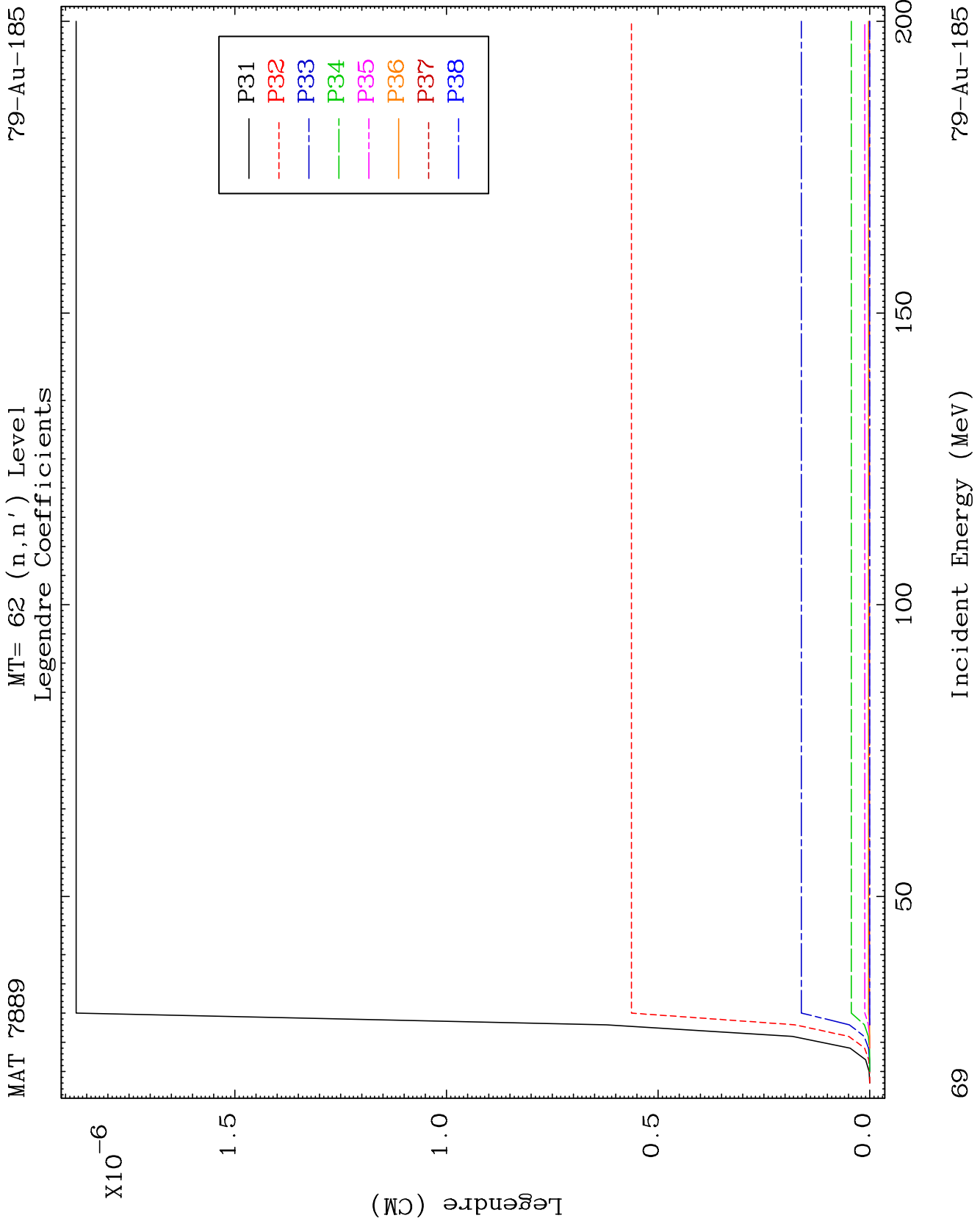
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Legendre Coefficients

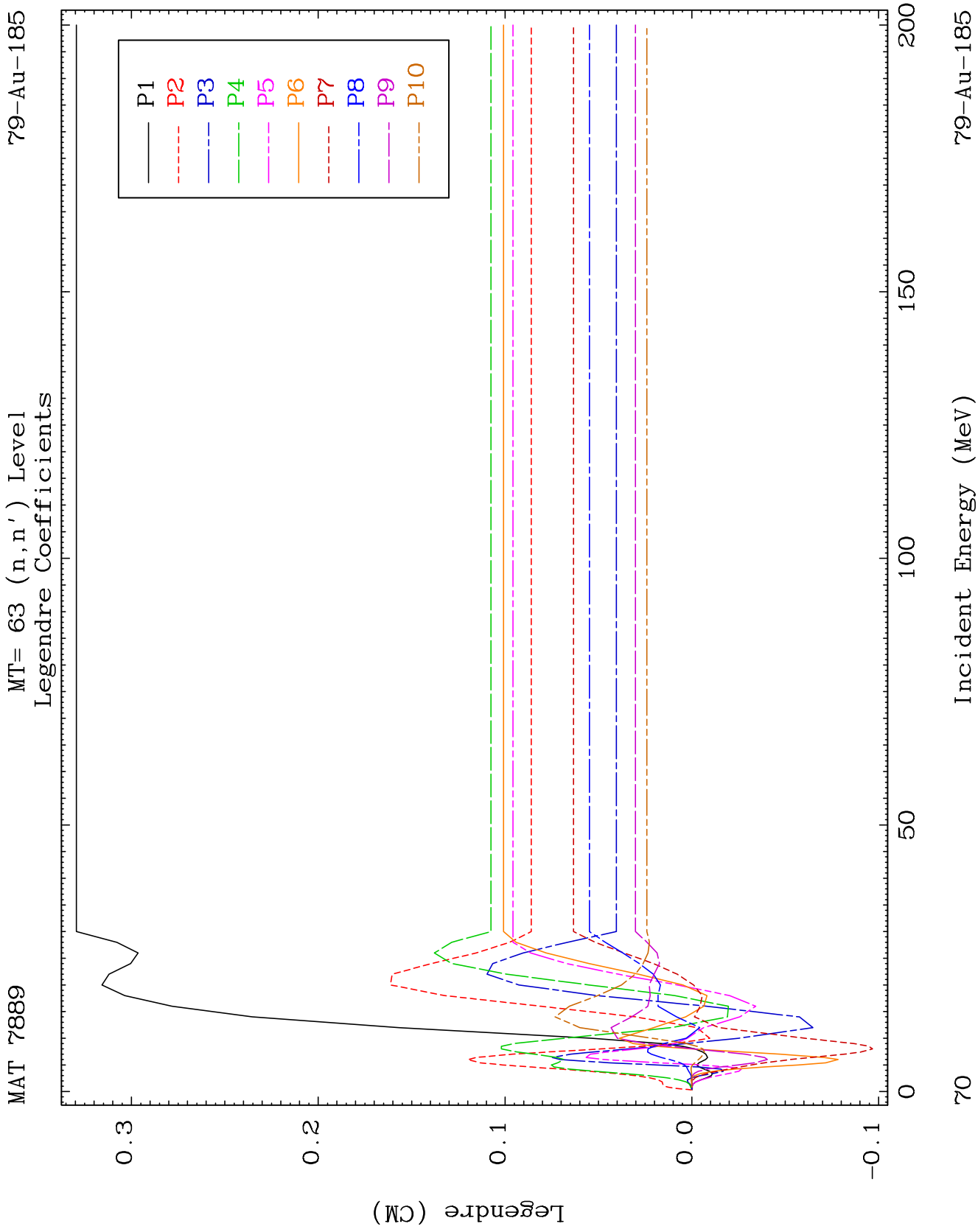
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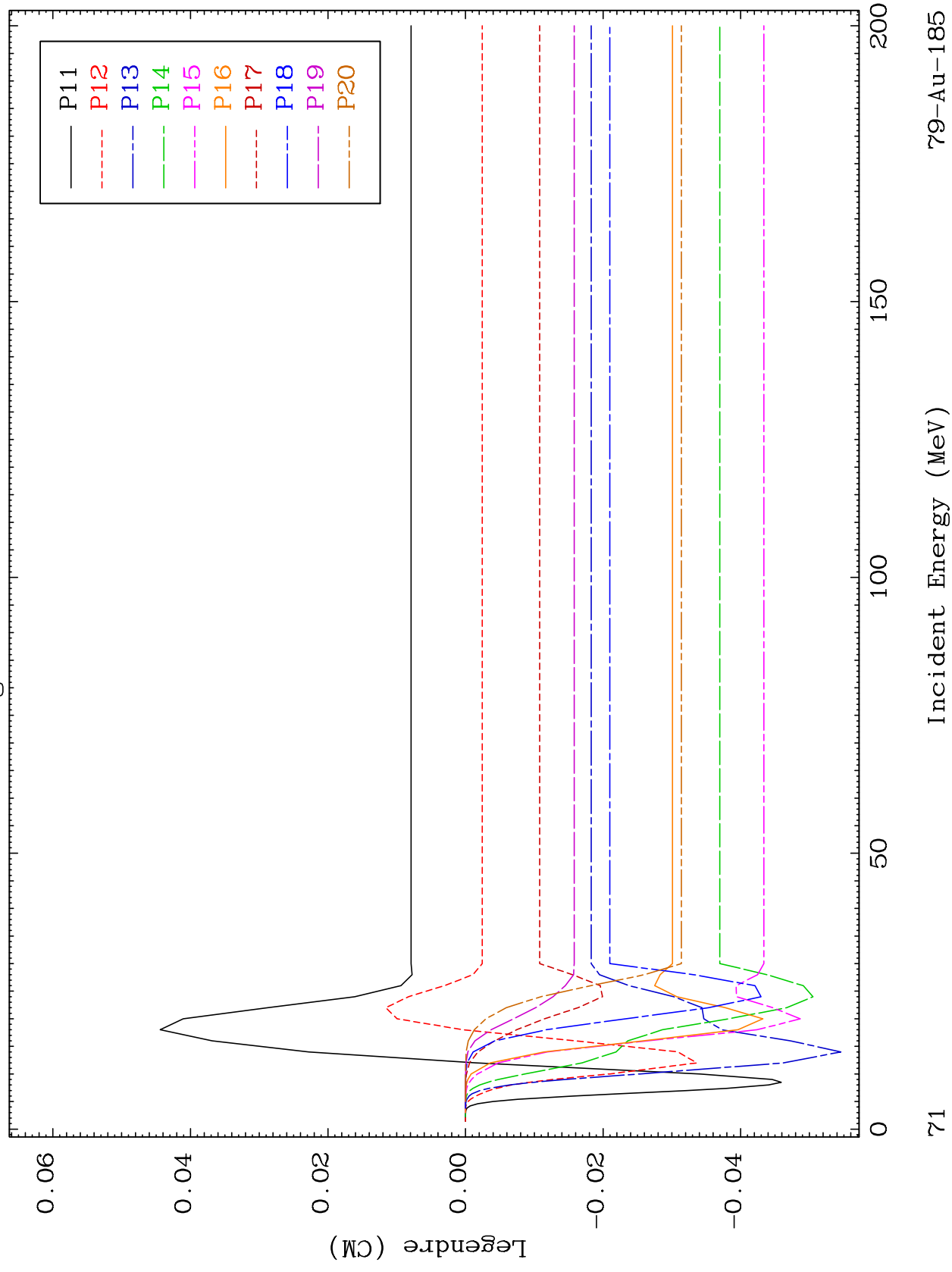


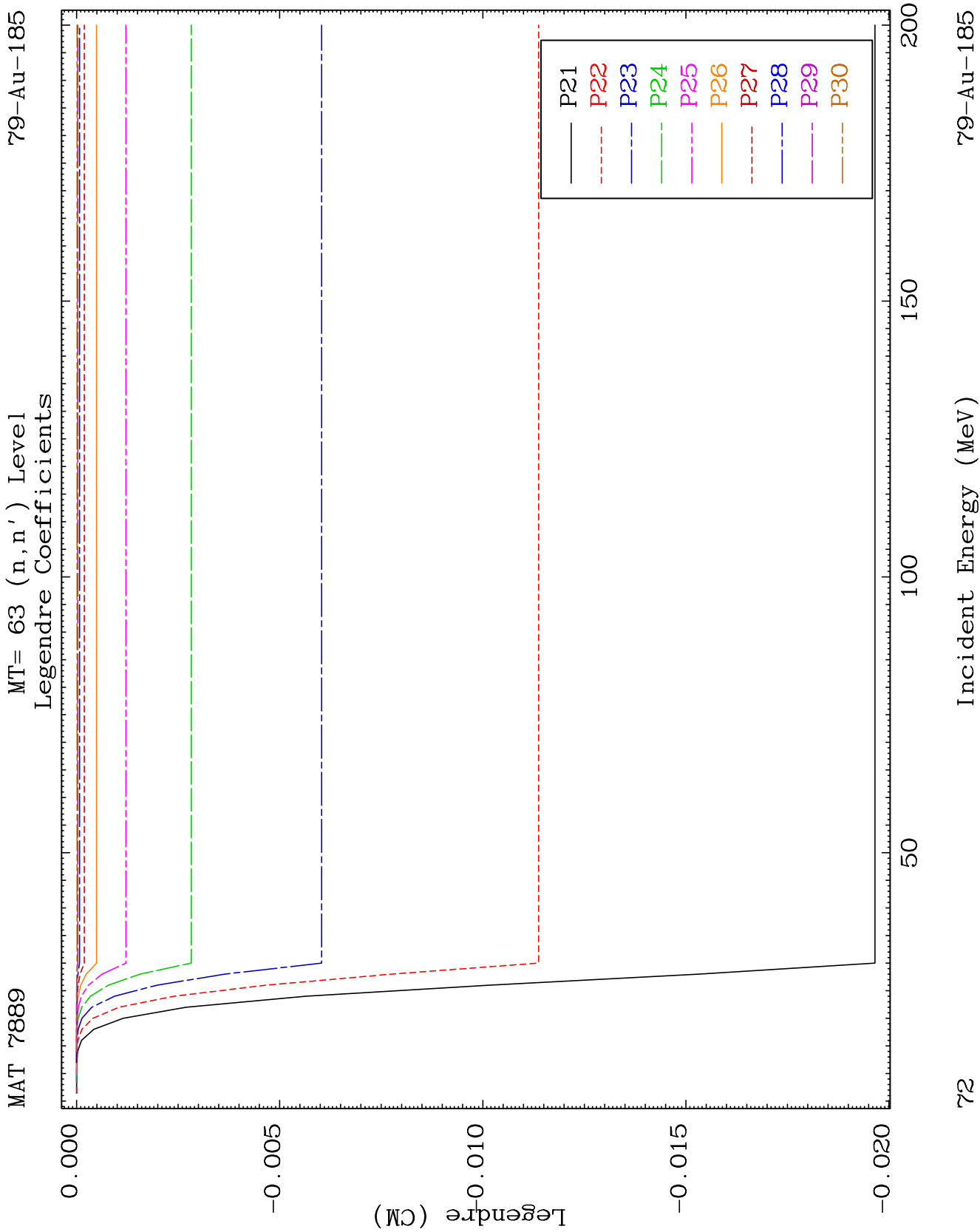


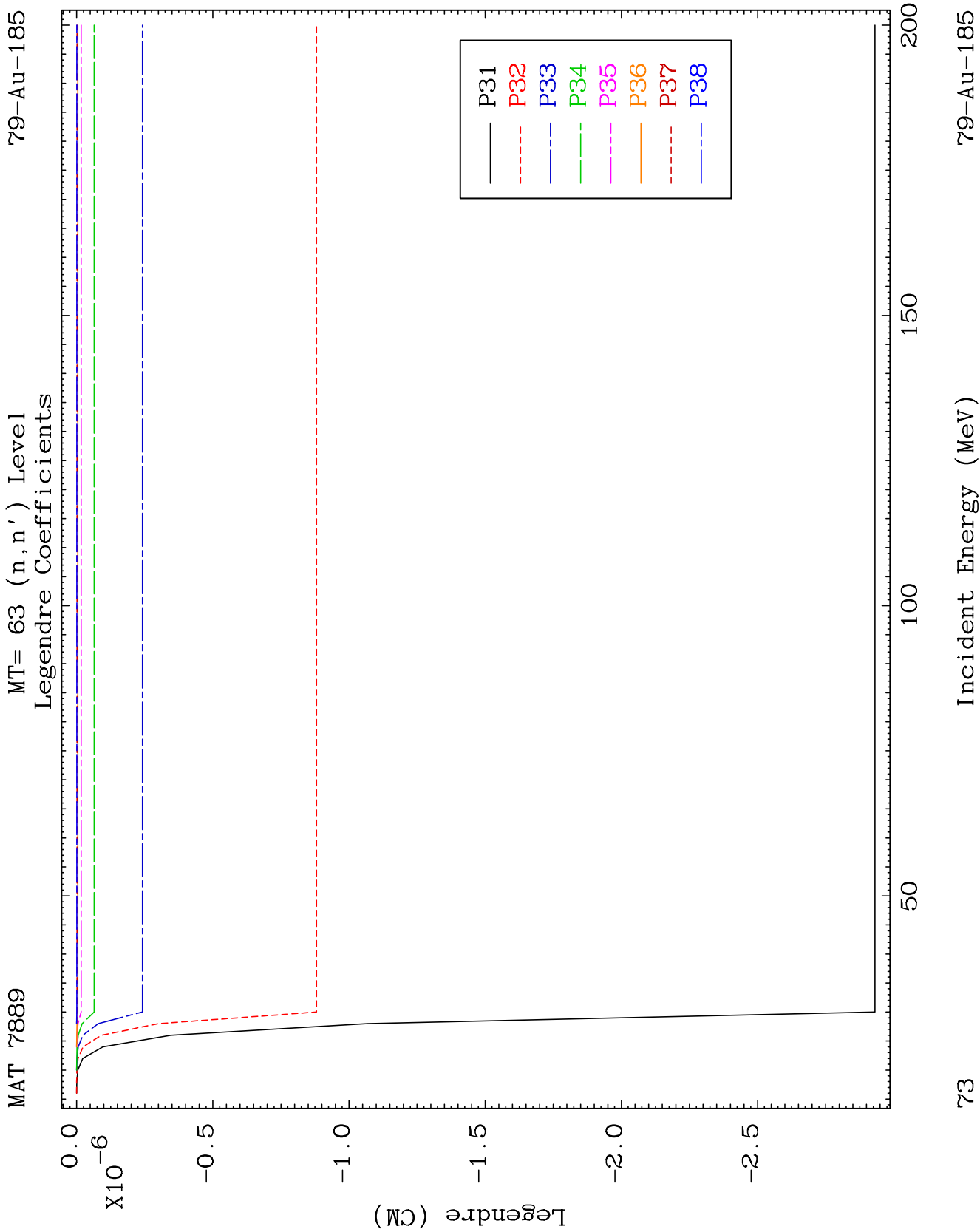
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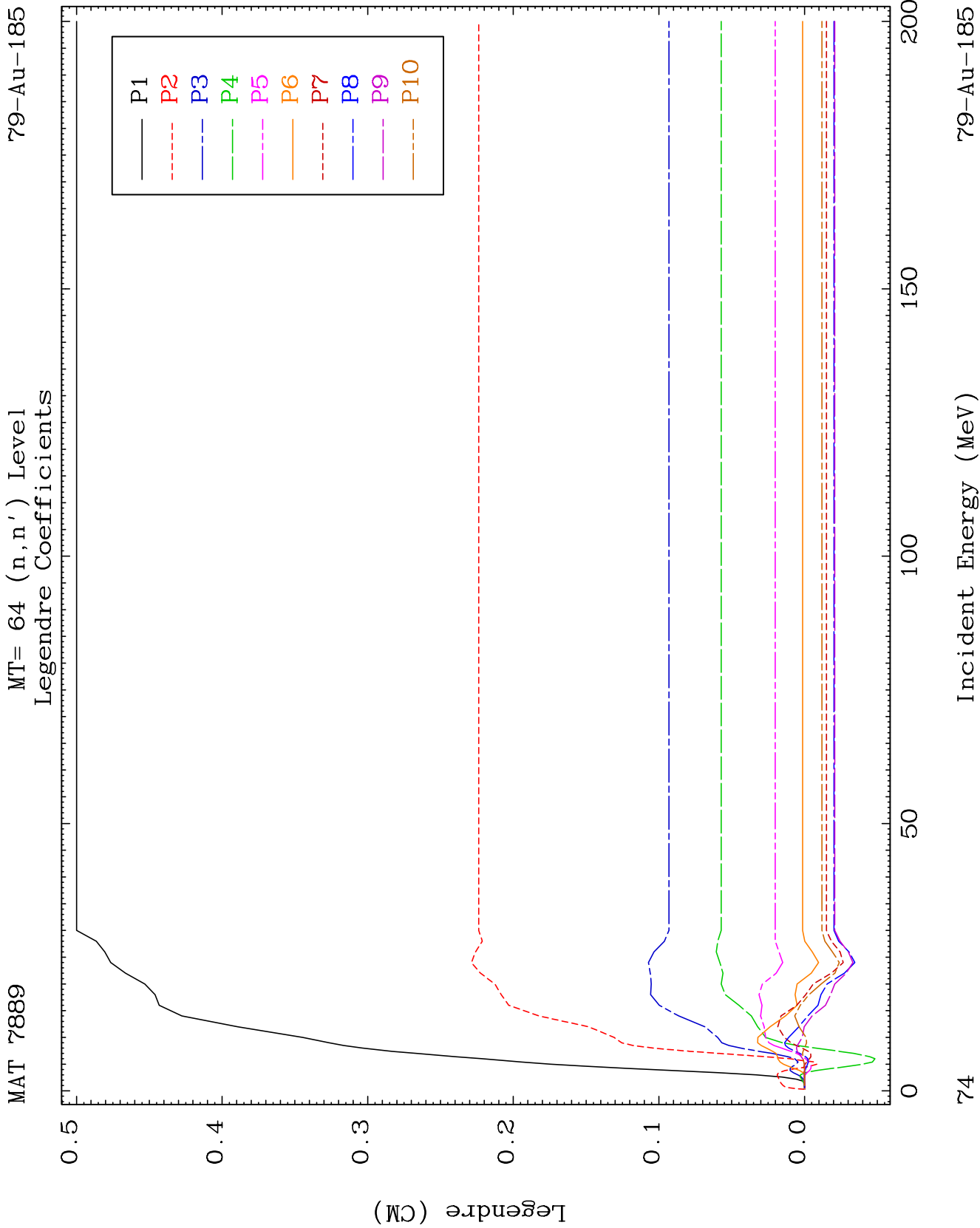
MT= 63 (n, n') Level
Legendre Coefficients

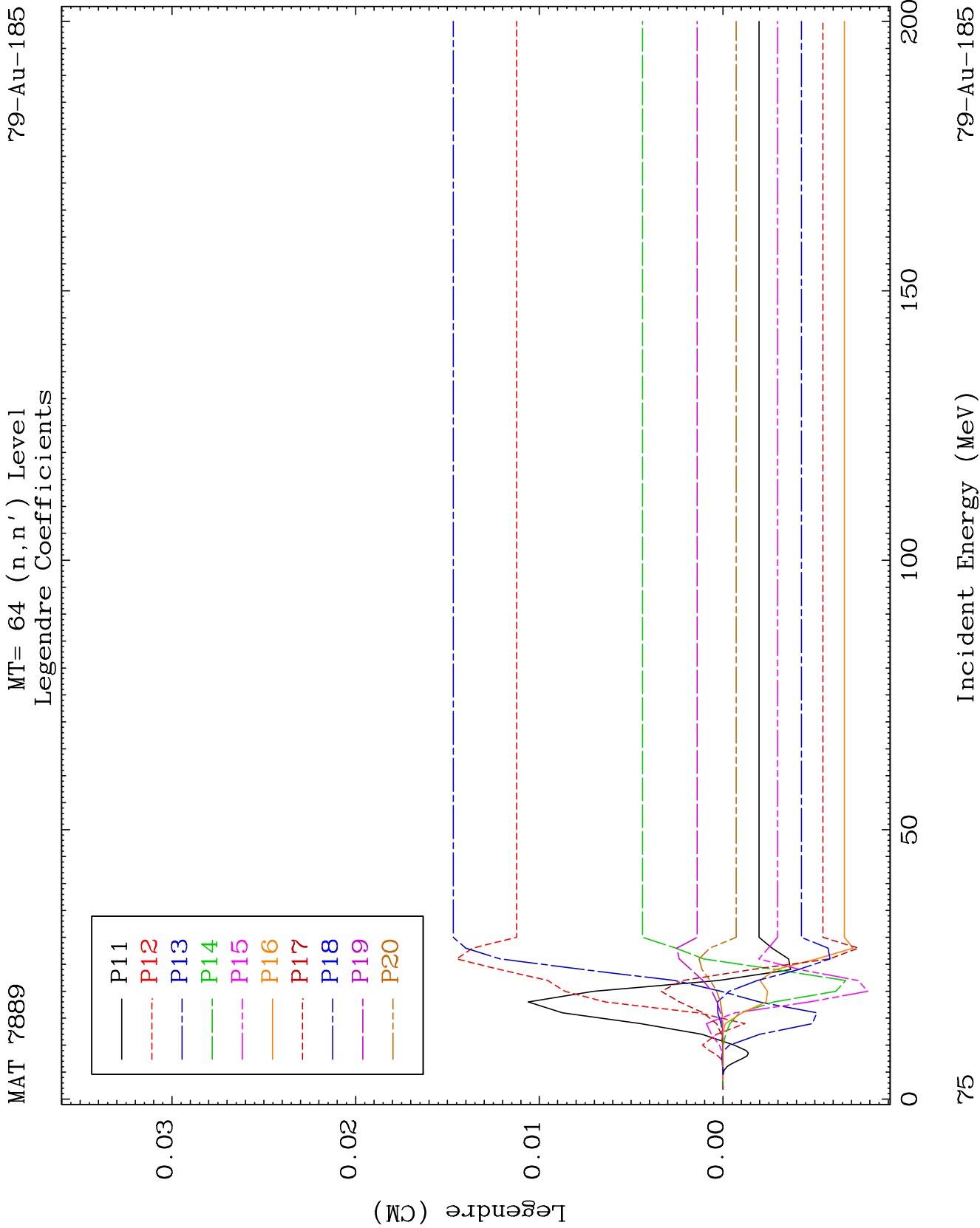
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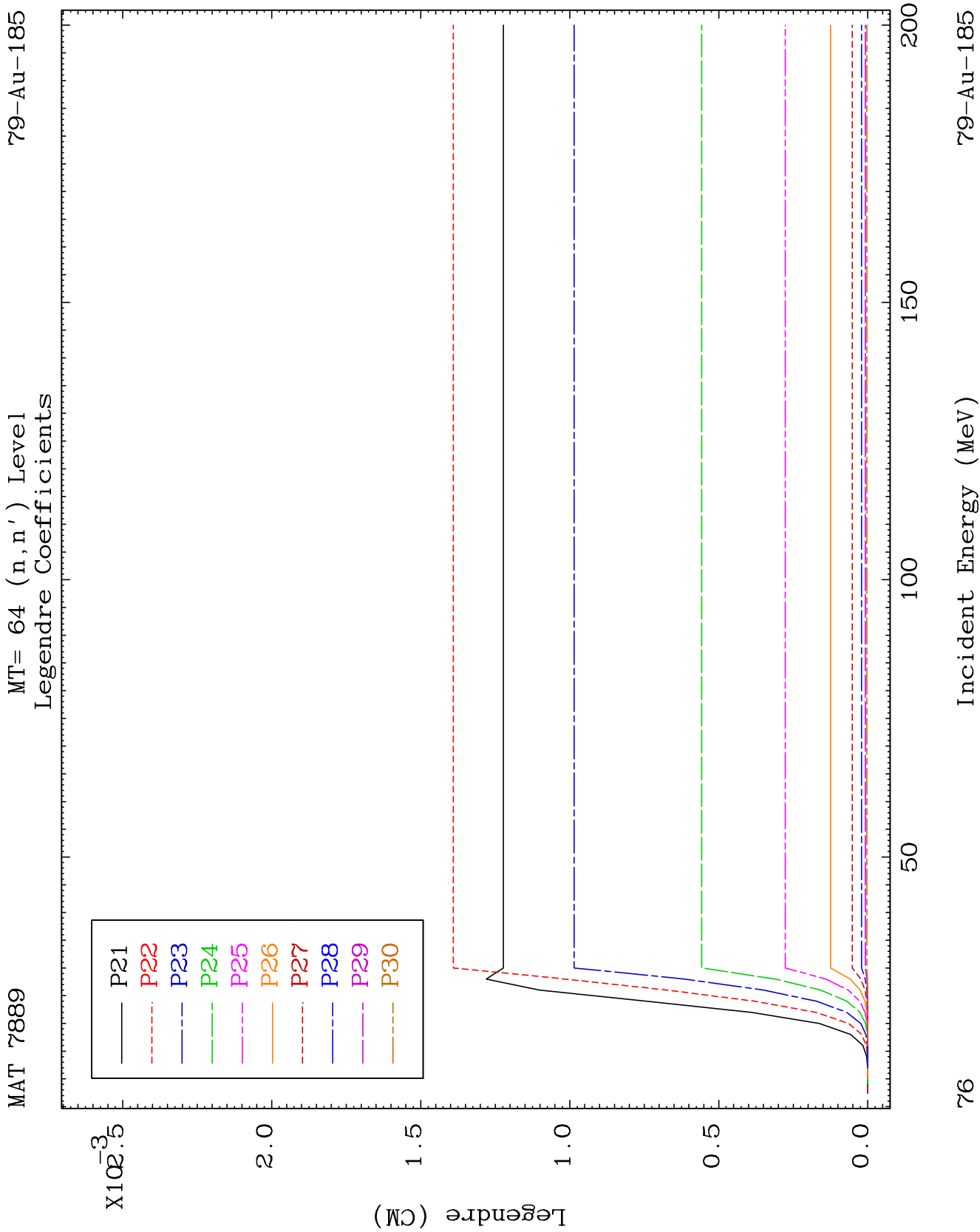


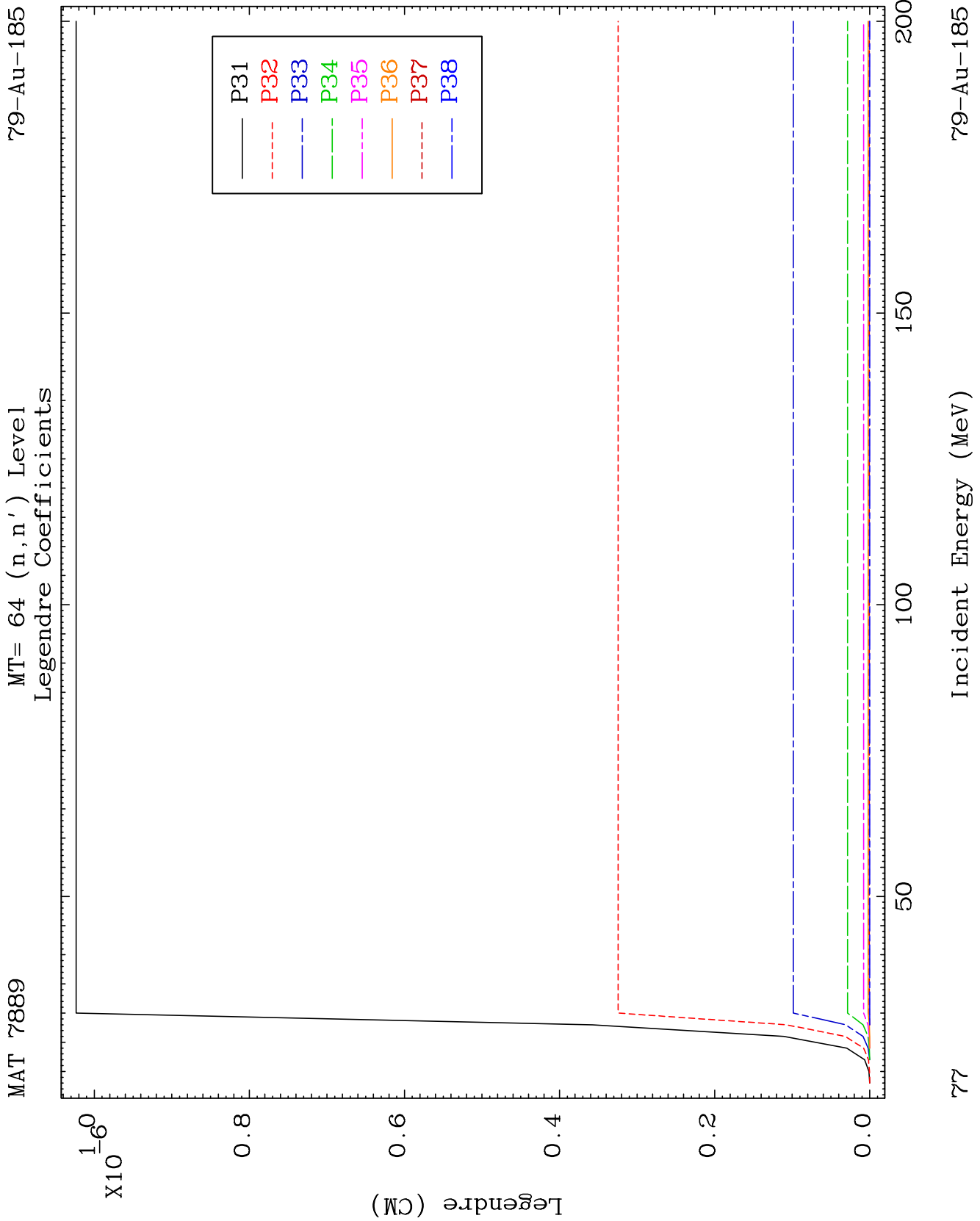


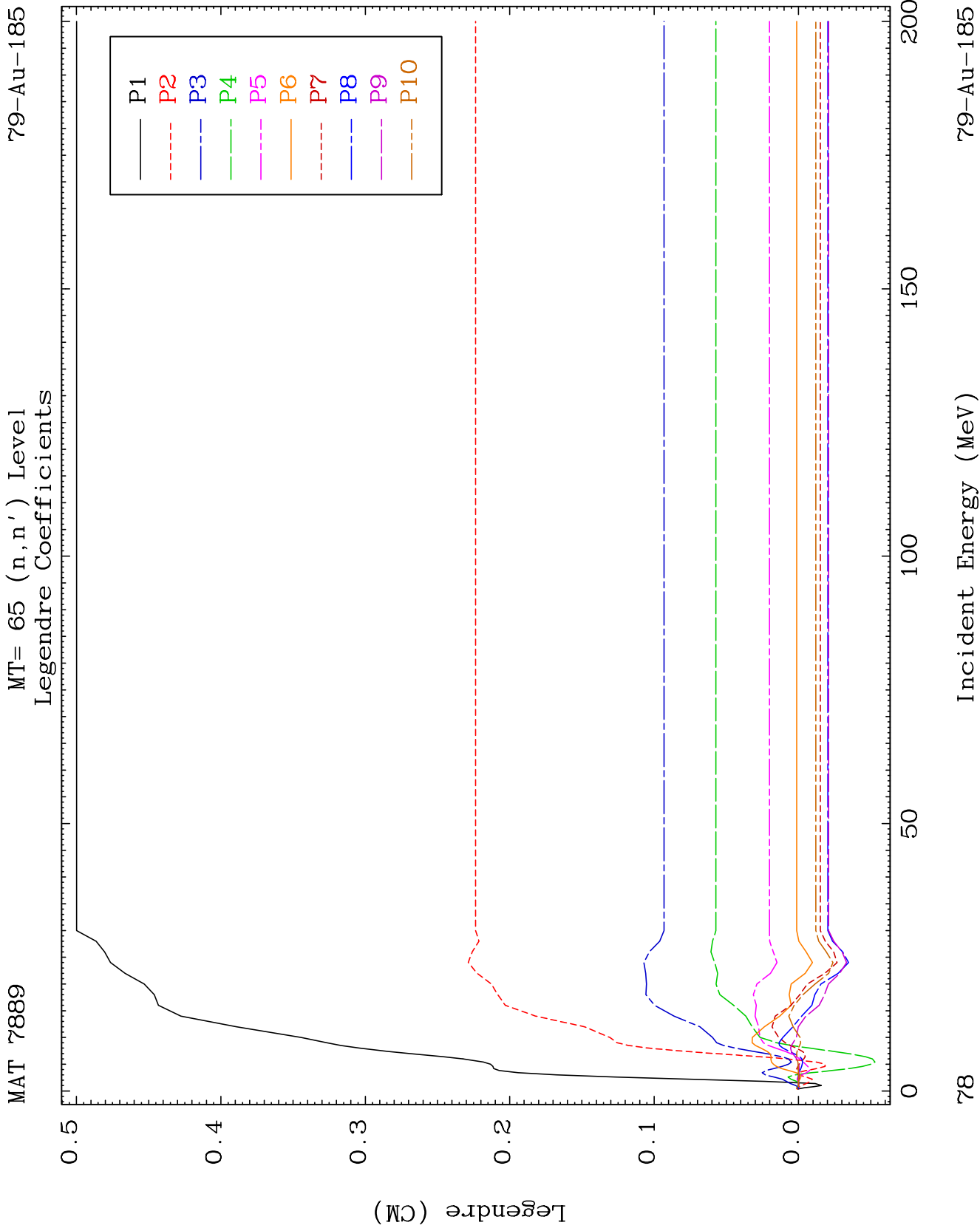


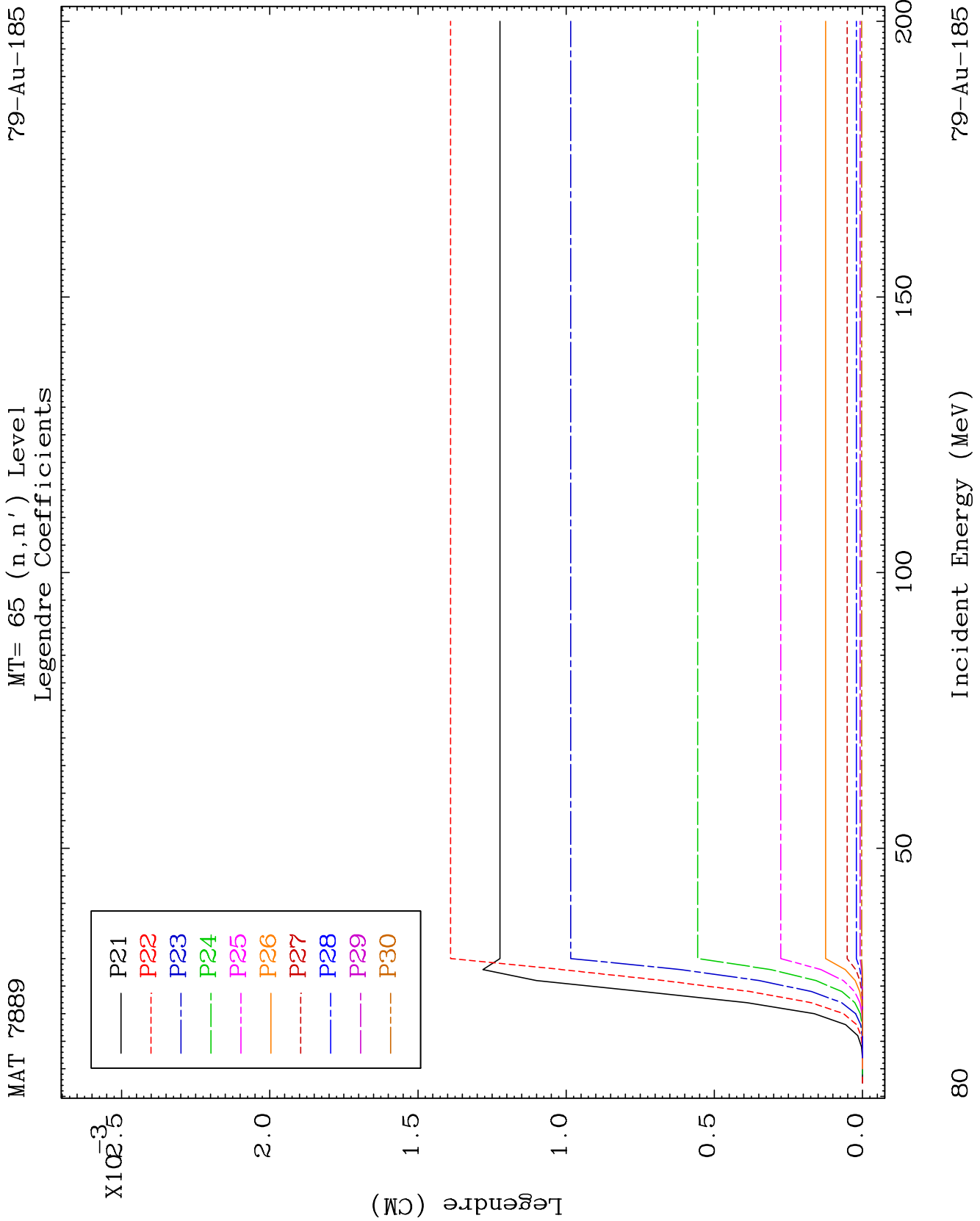


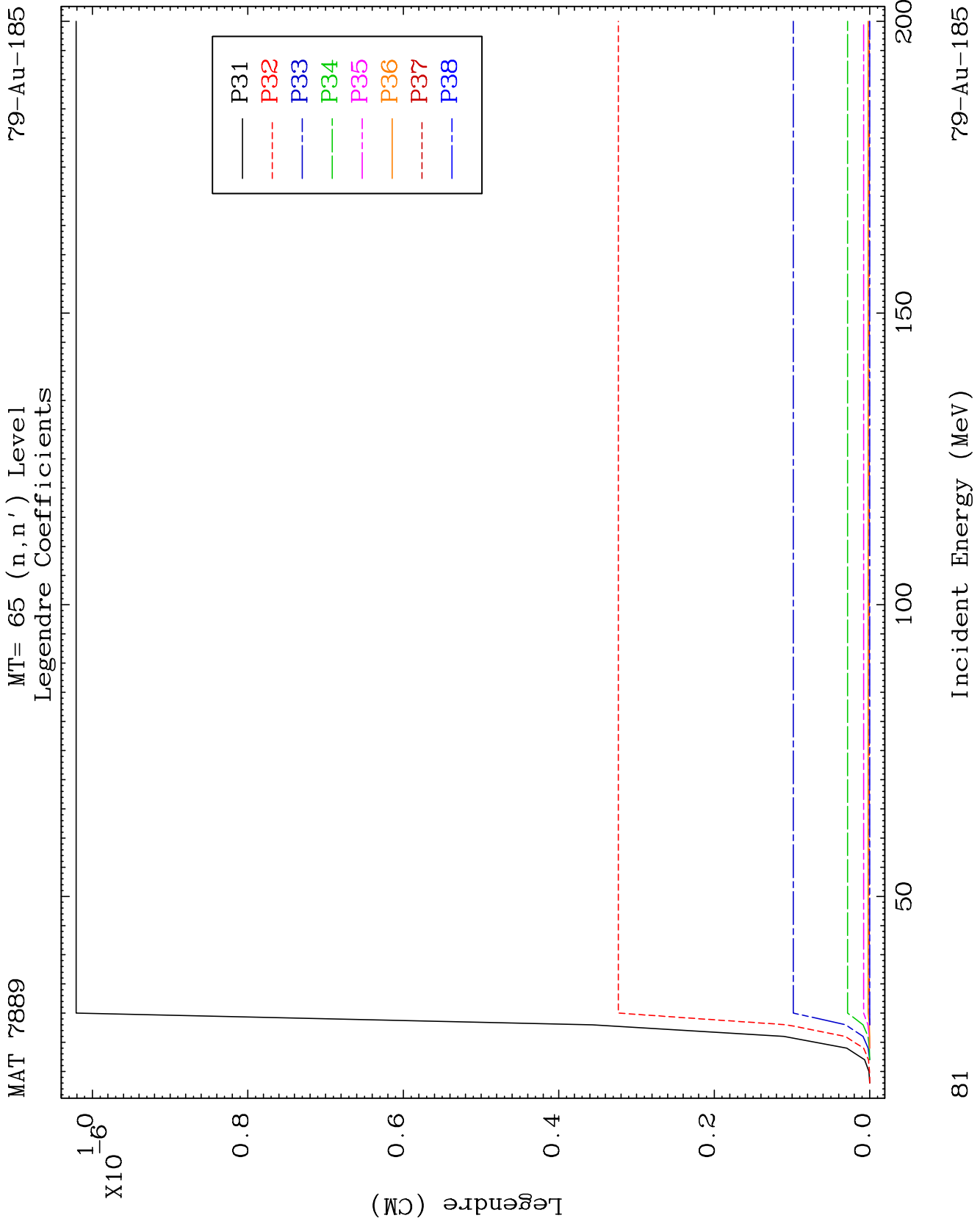








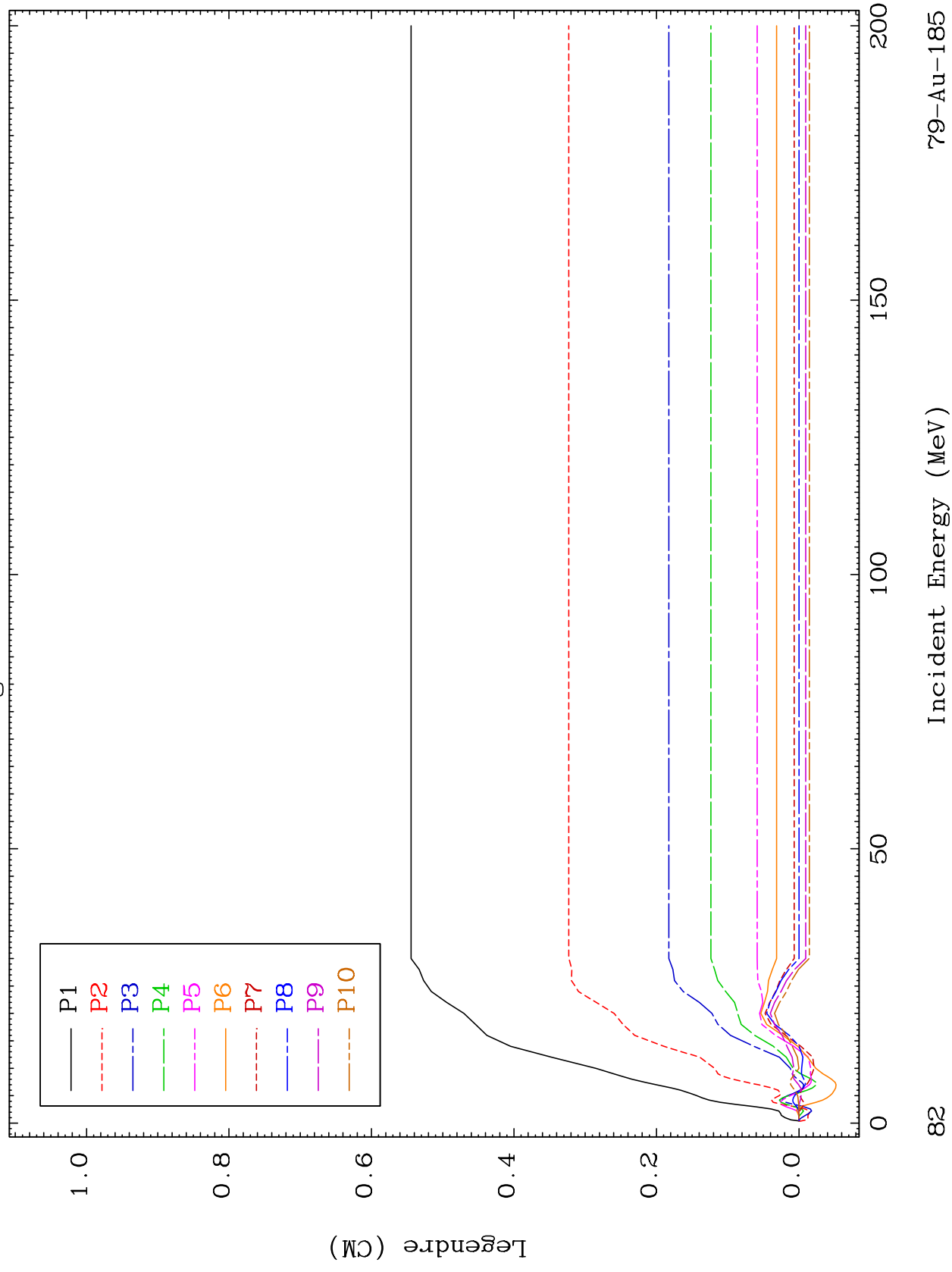


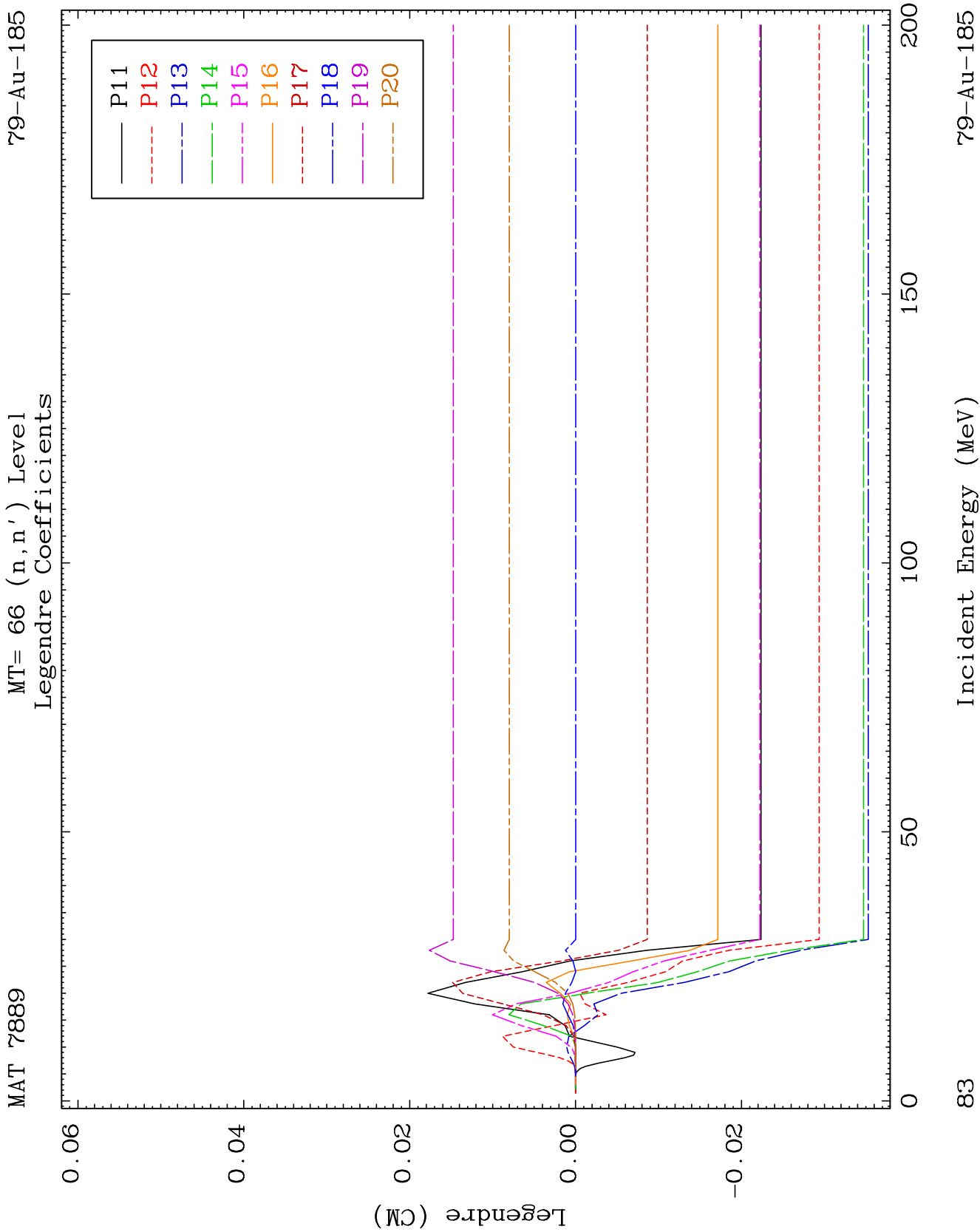


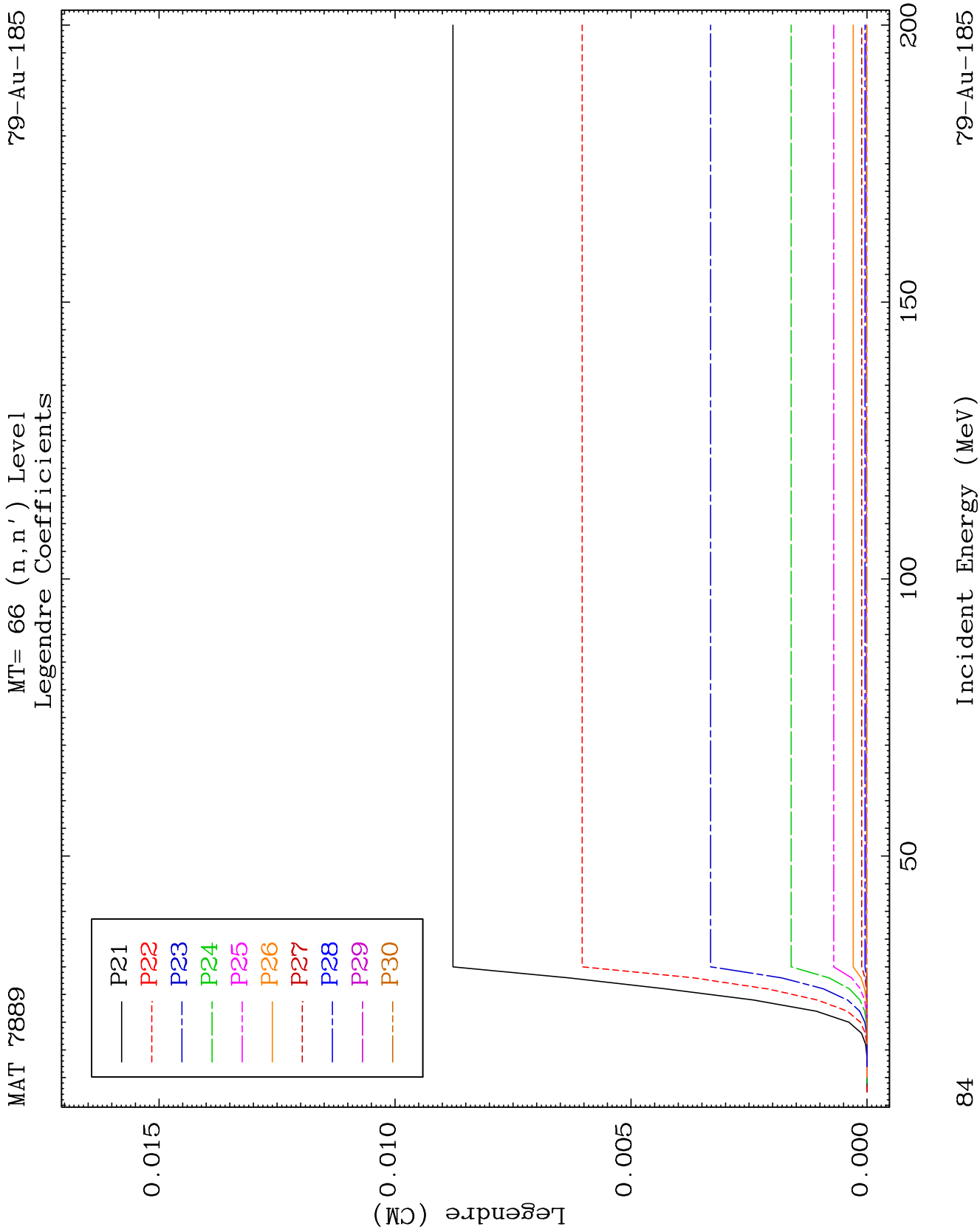
MAT 7889

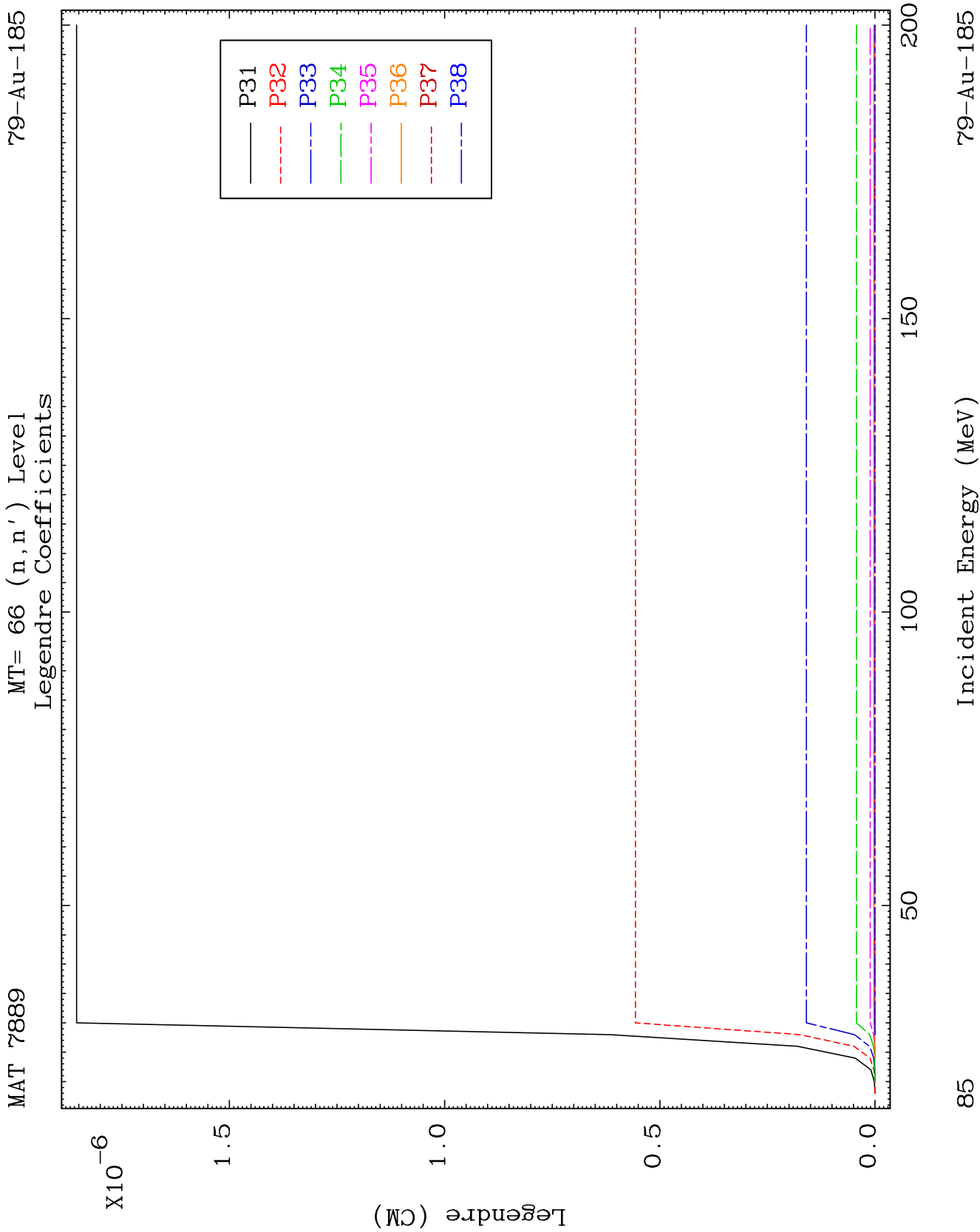
MT= 66 (n, n') Level
Legendre Coefficients

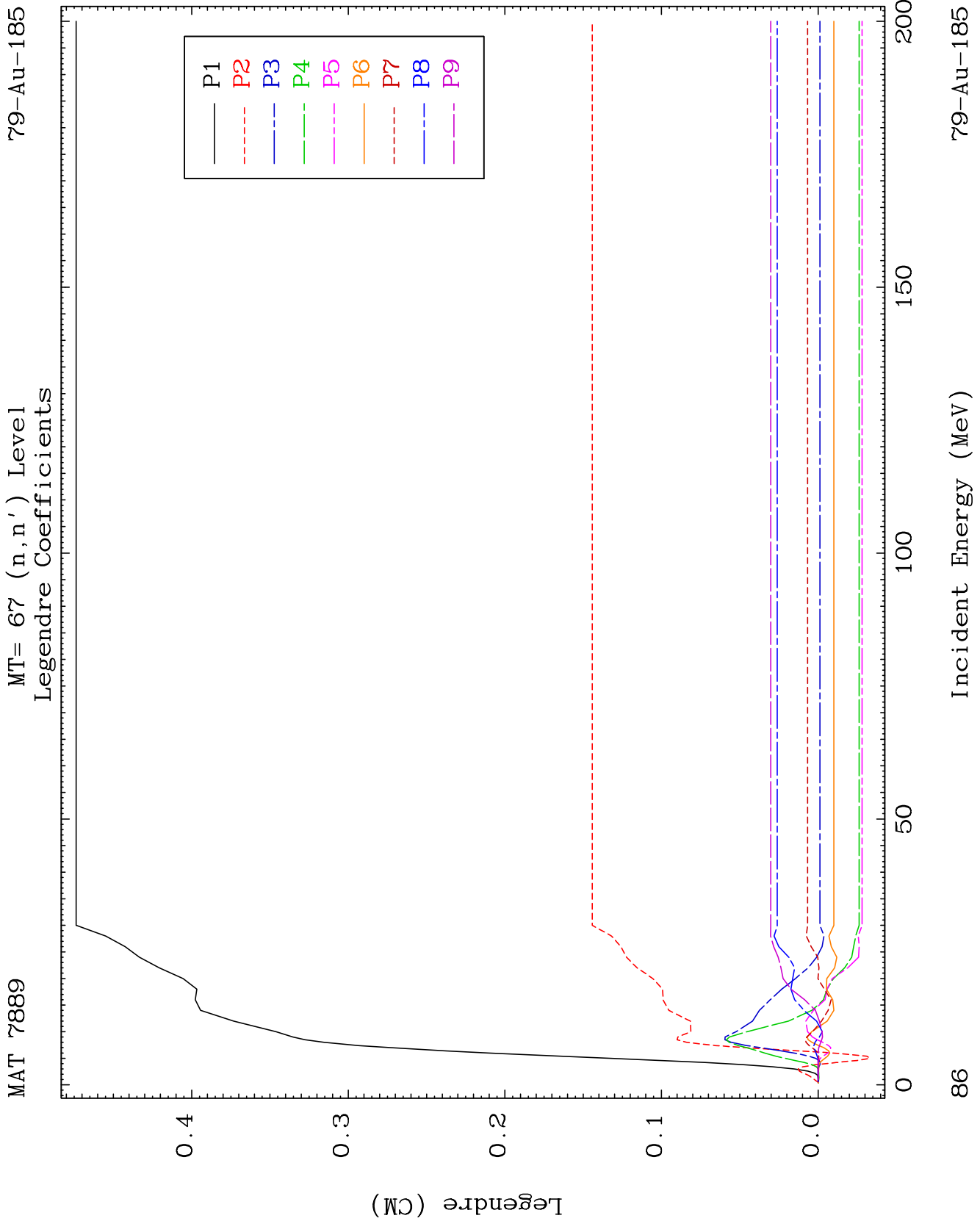
79-Au-185

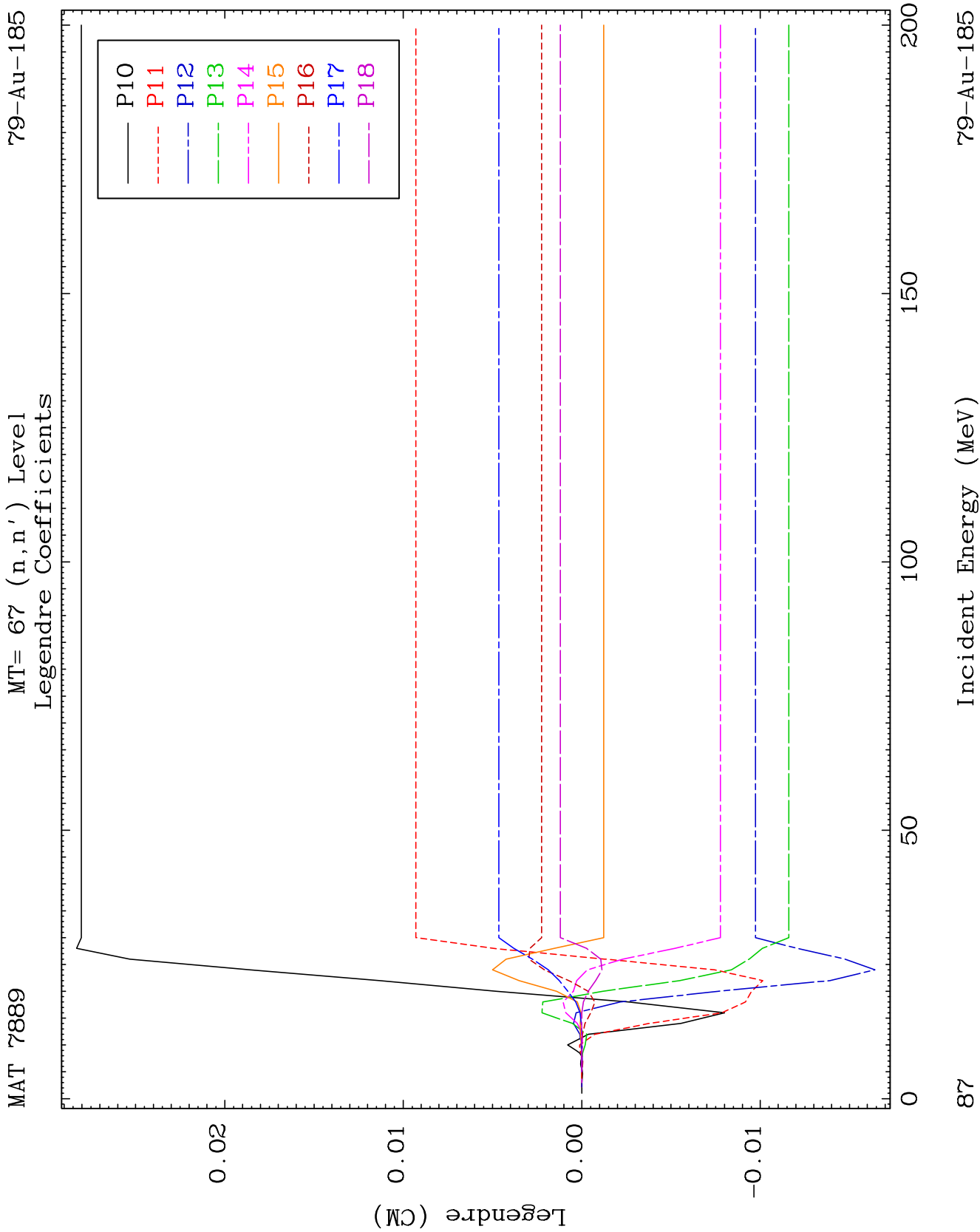


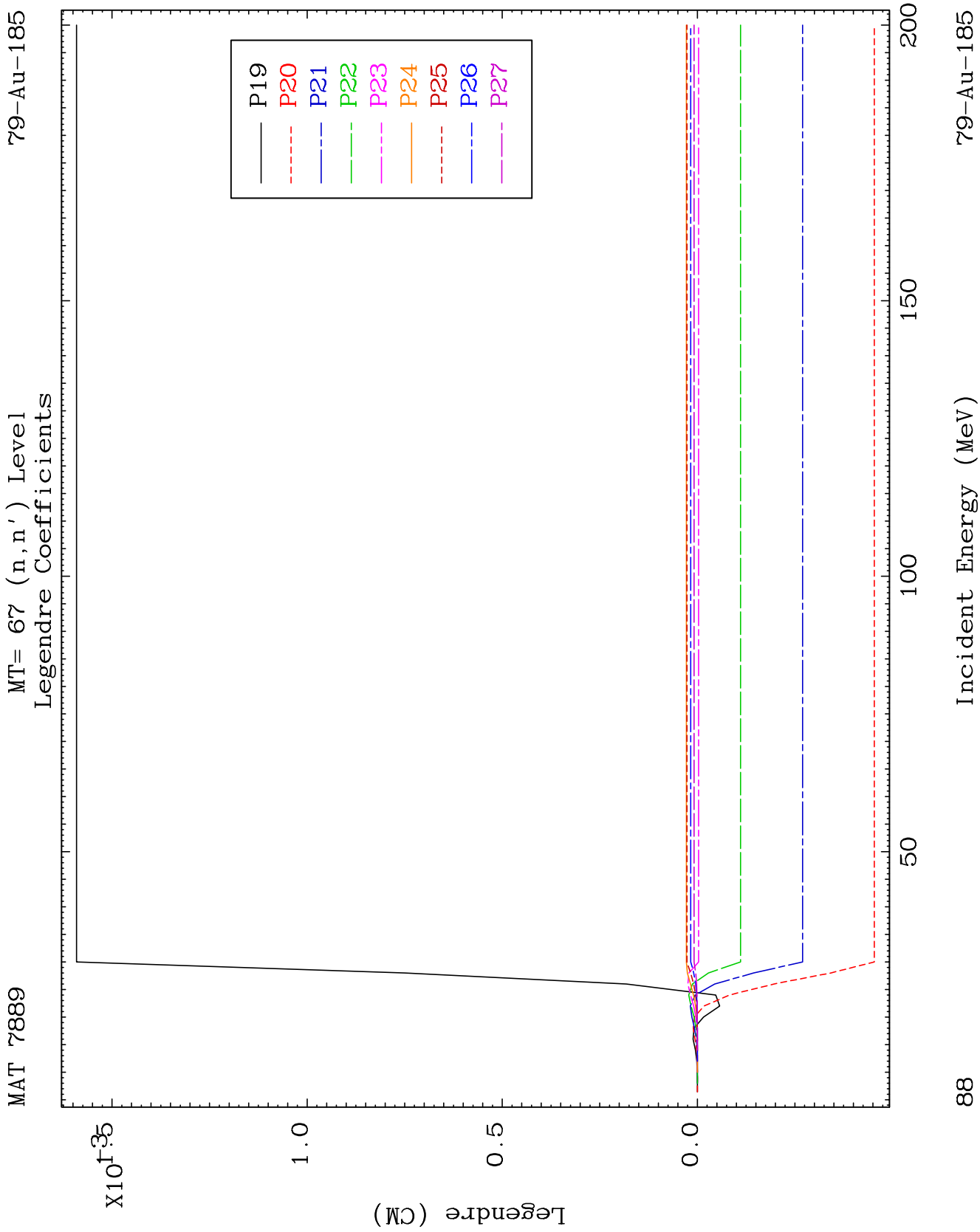








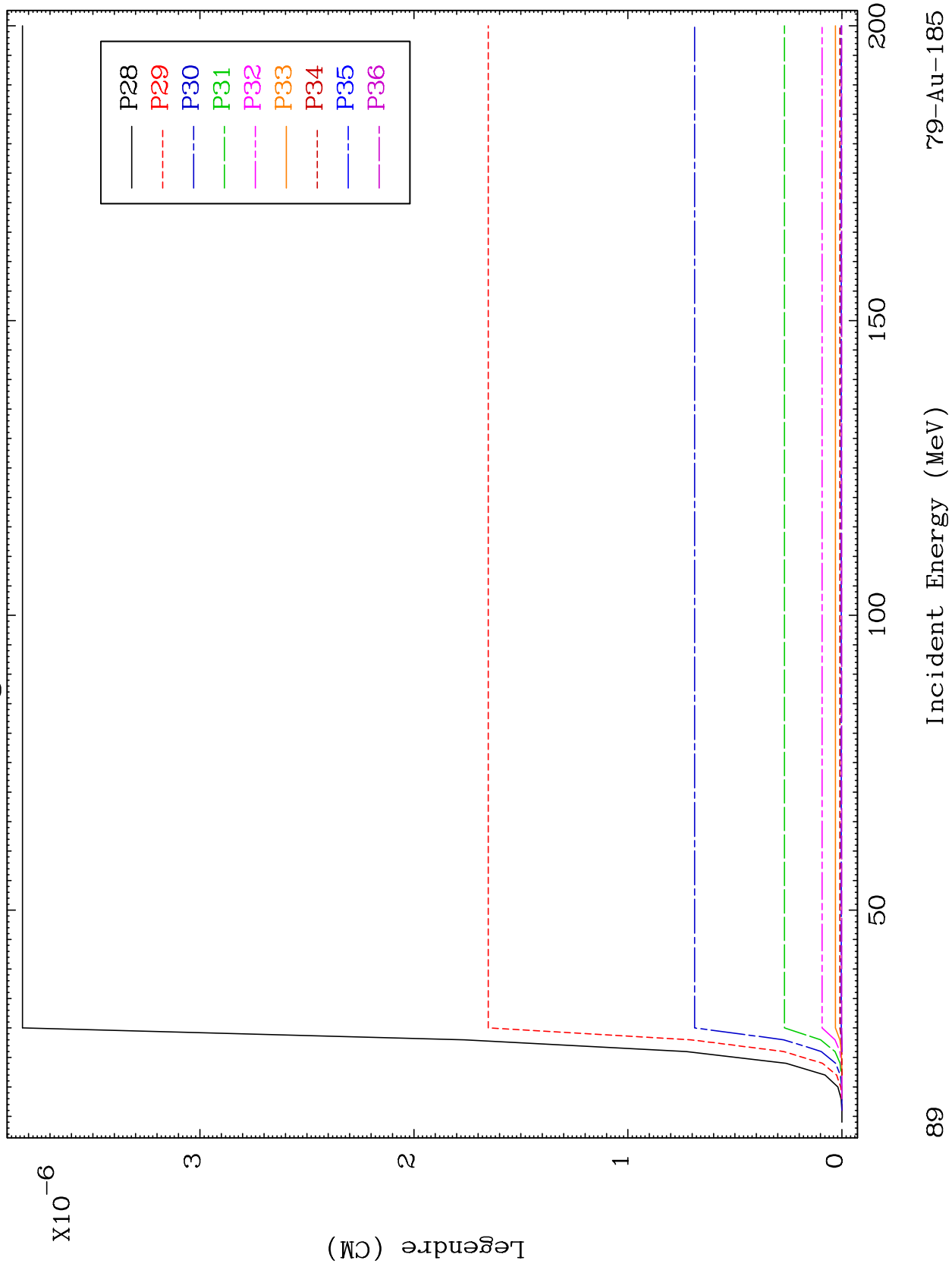


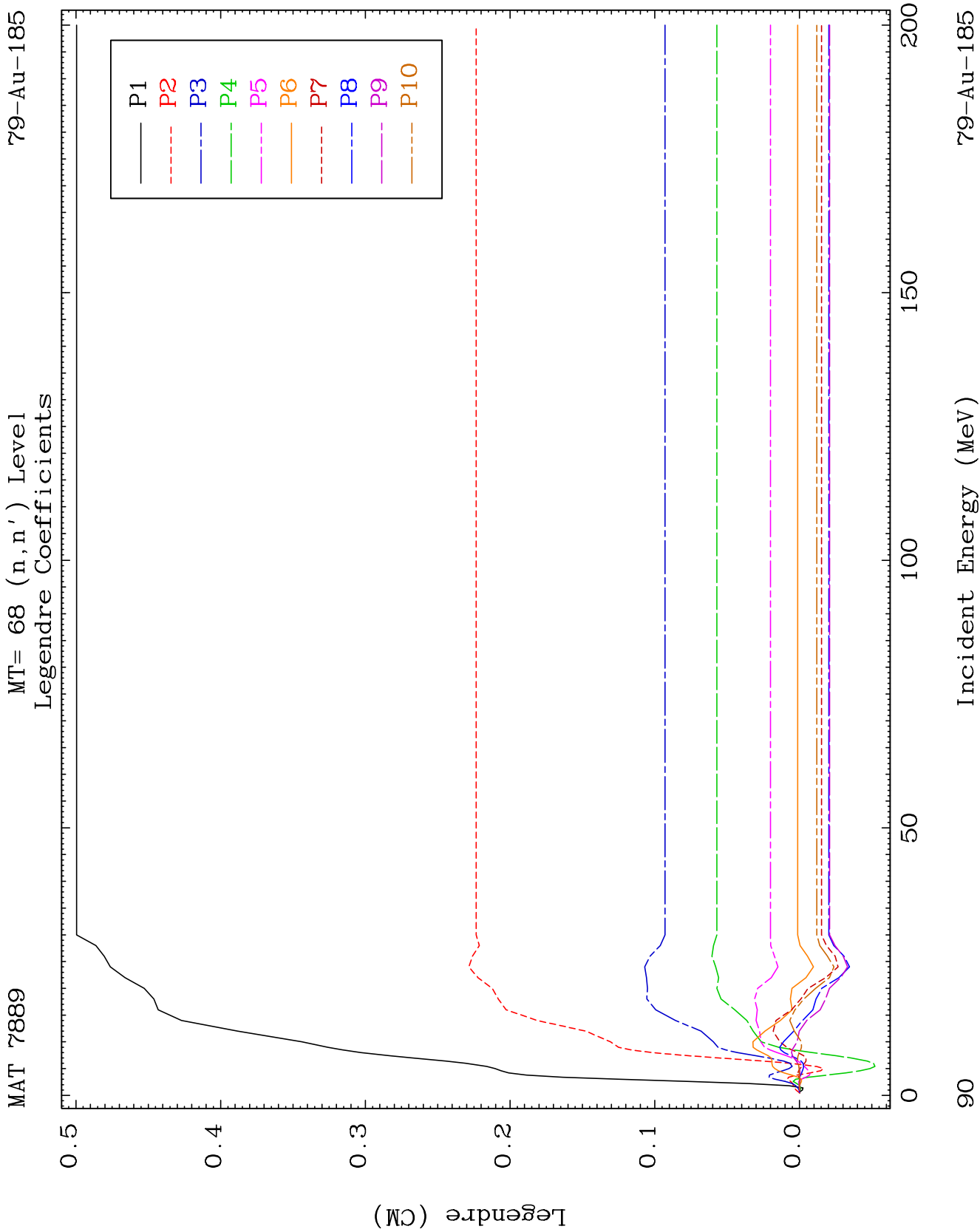


MAT 7889

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

79-Au-185

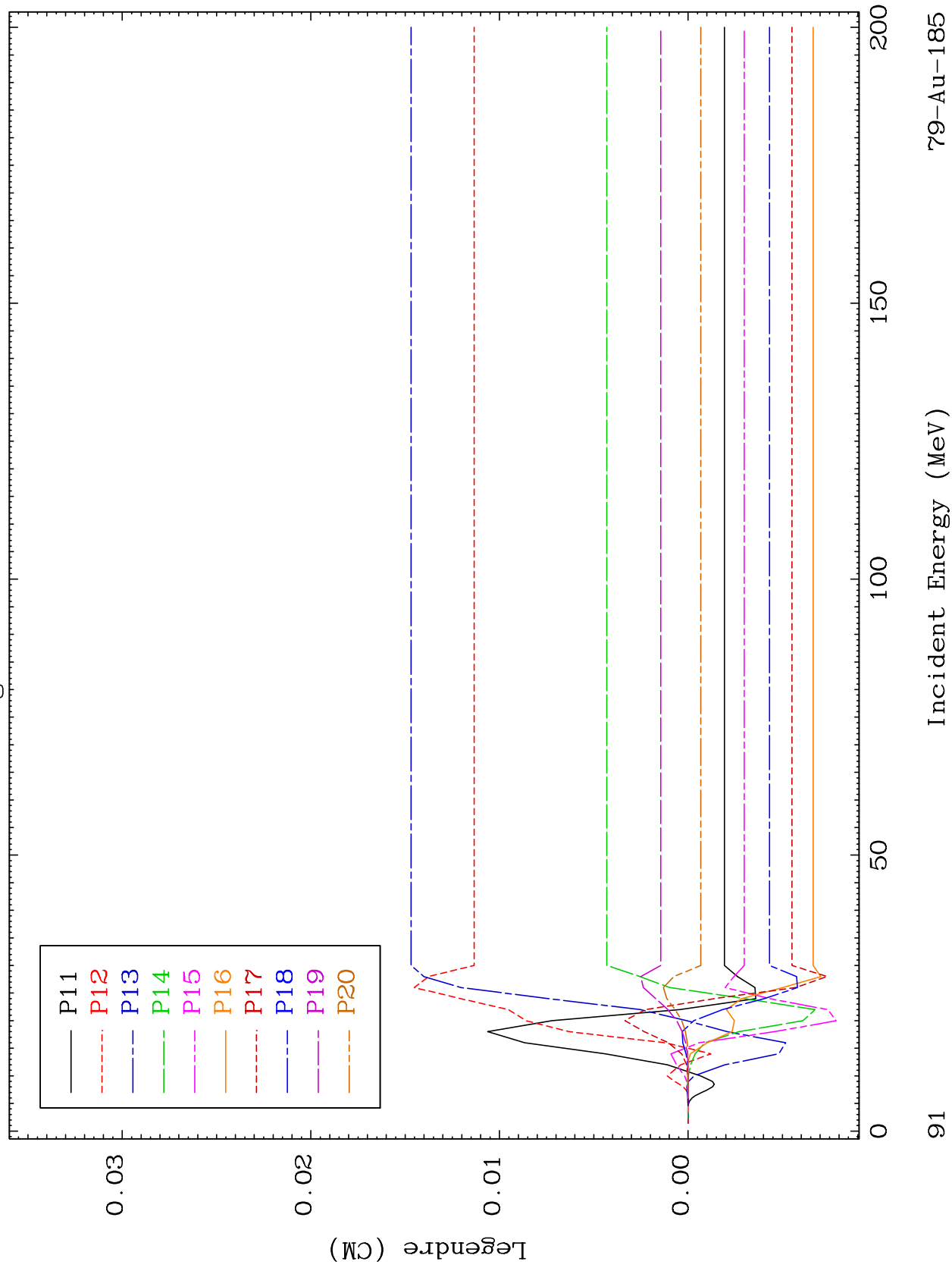




MAT 7889

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

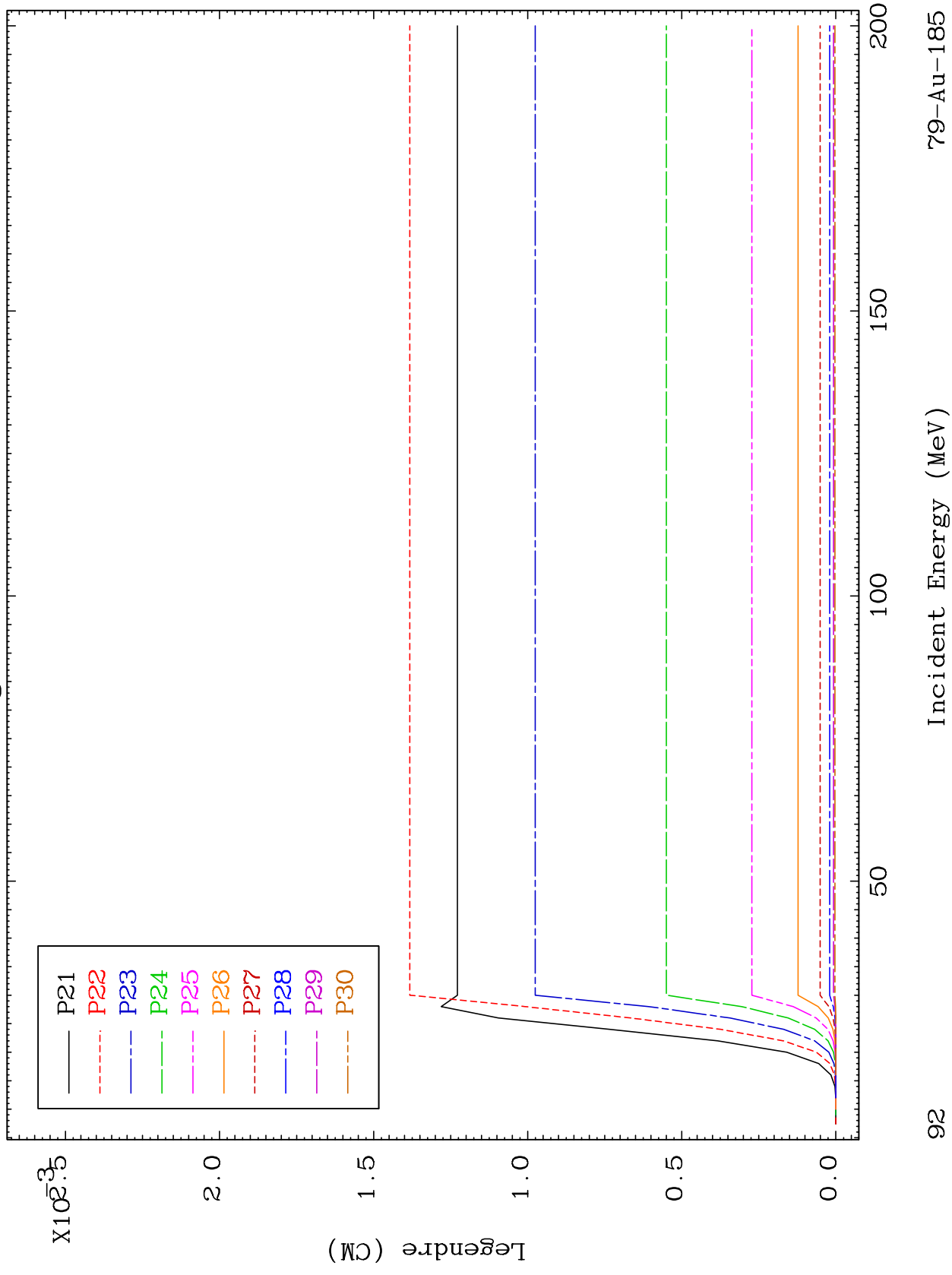
79-Au-185

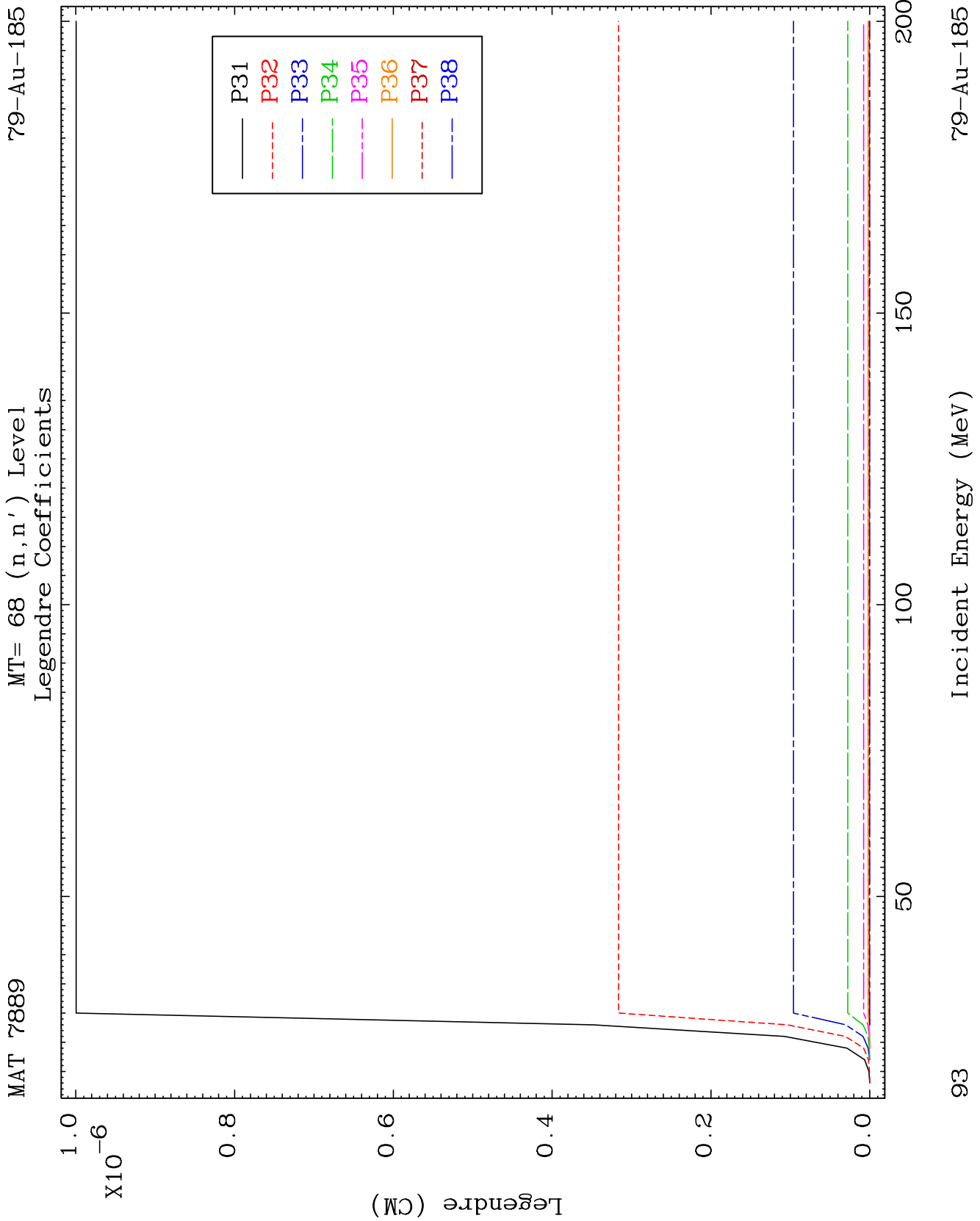


MAT 7889

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

79-Au-185

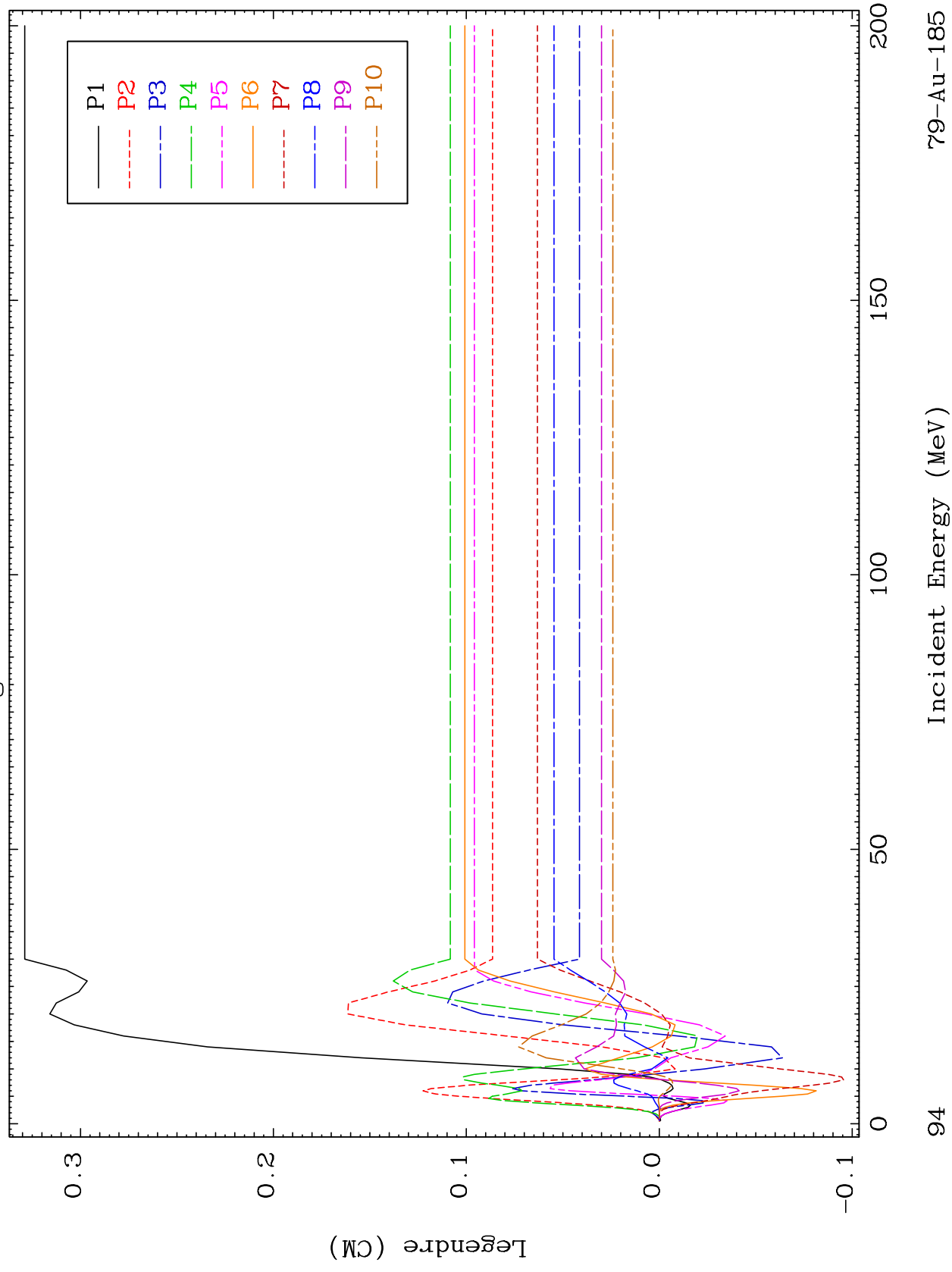


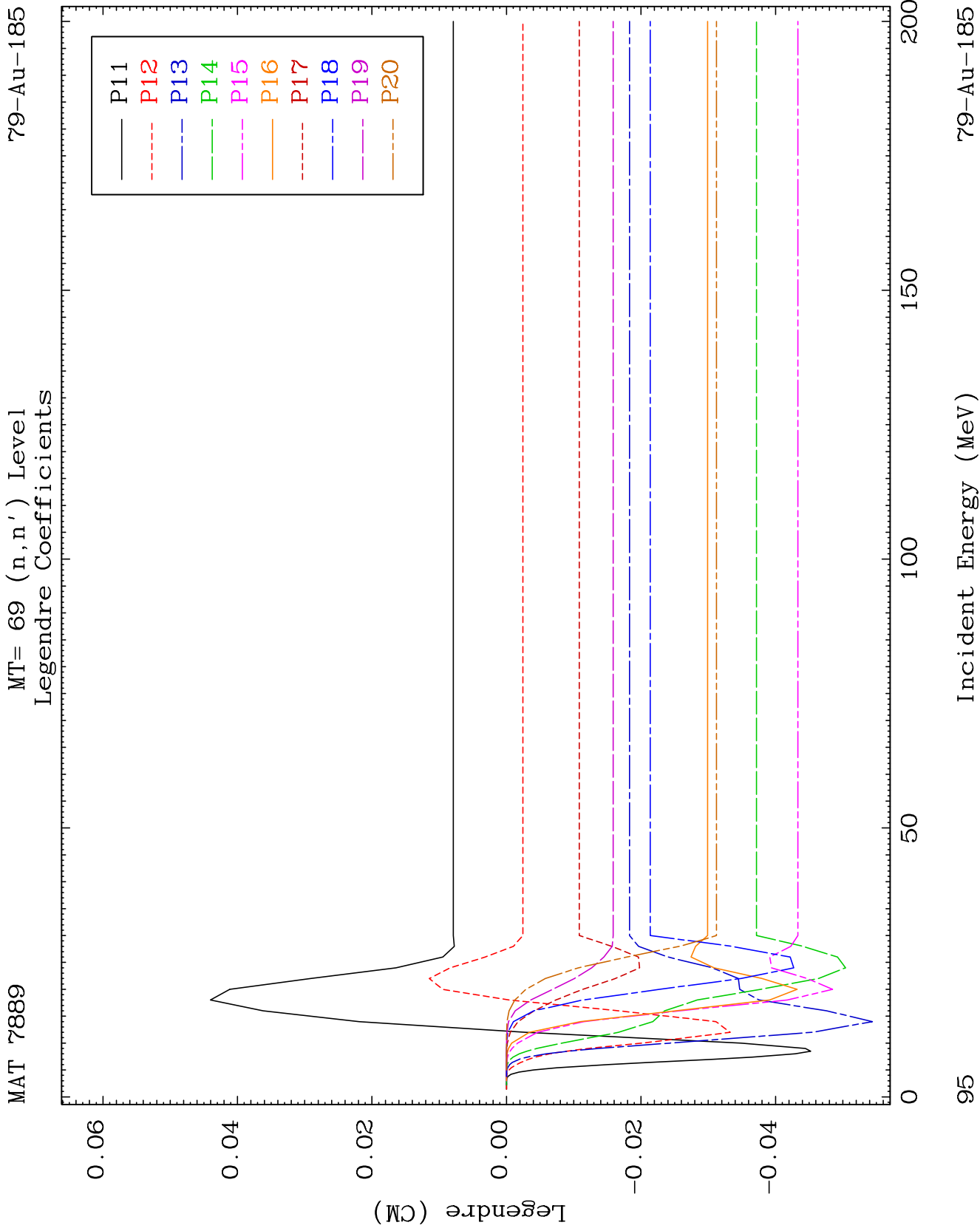


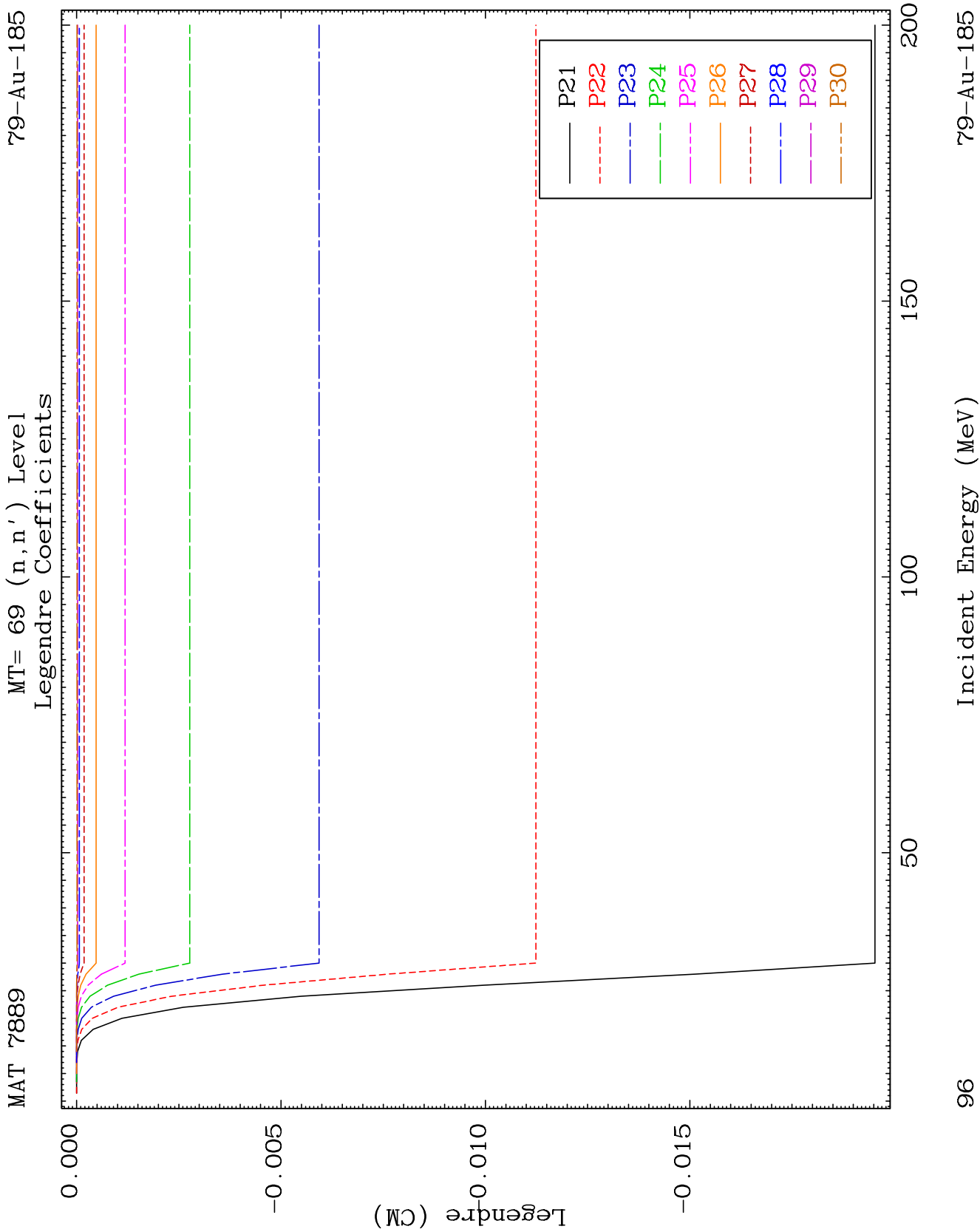
MAT 7889

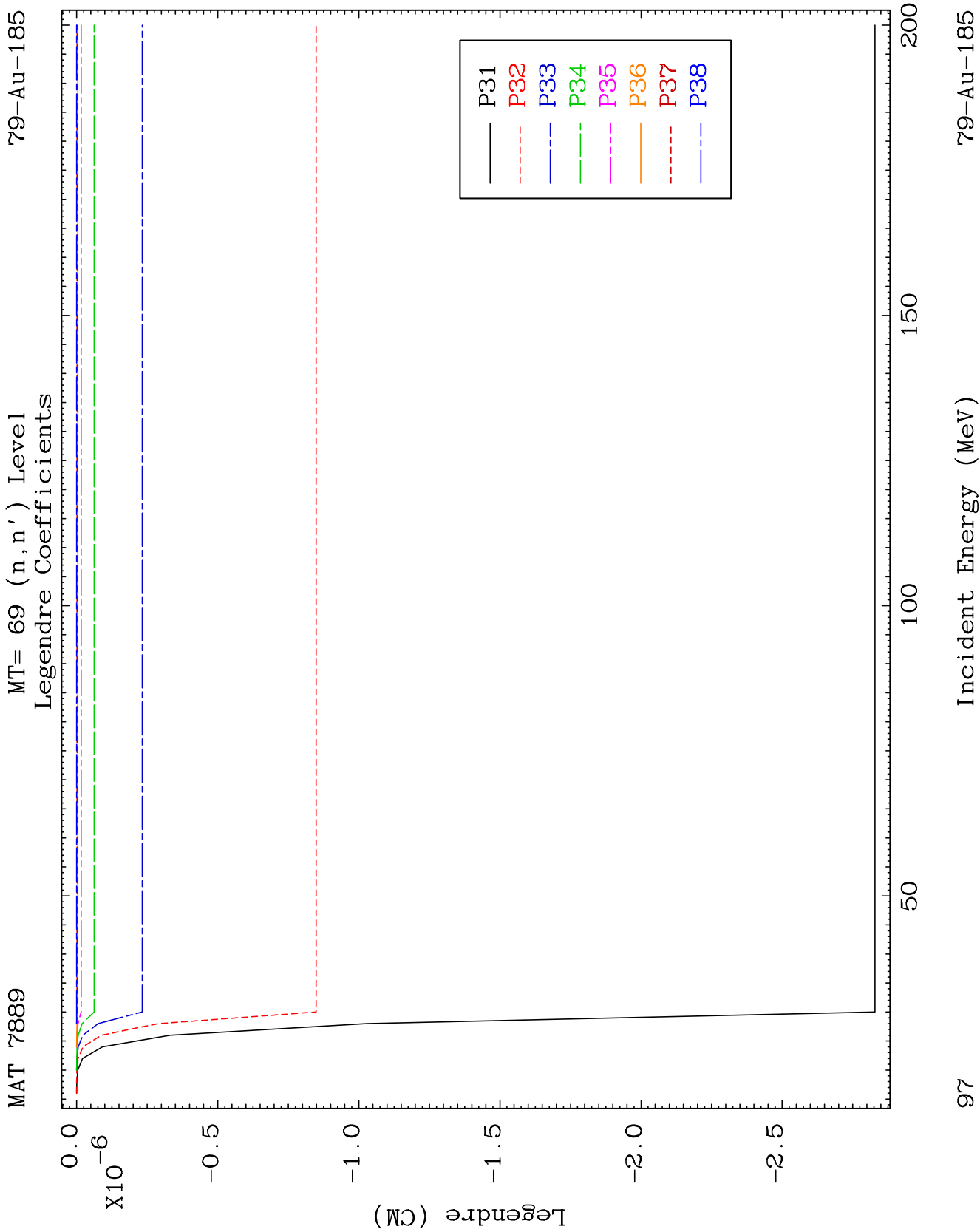
MT= 69 (n, n') Level
Legendre Coefficients

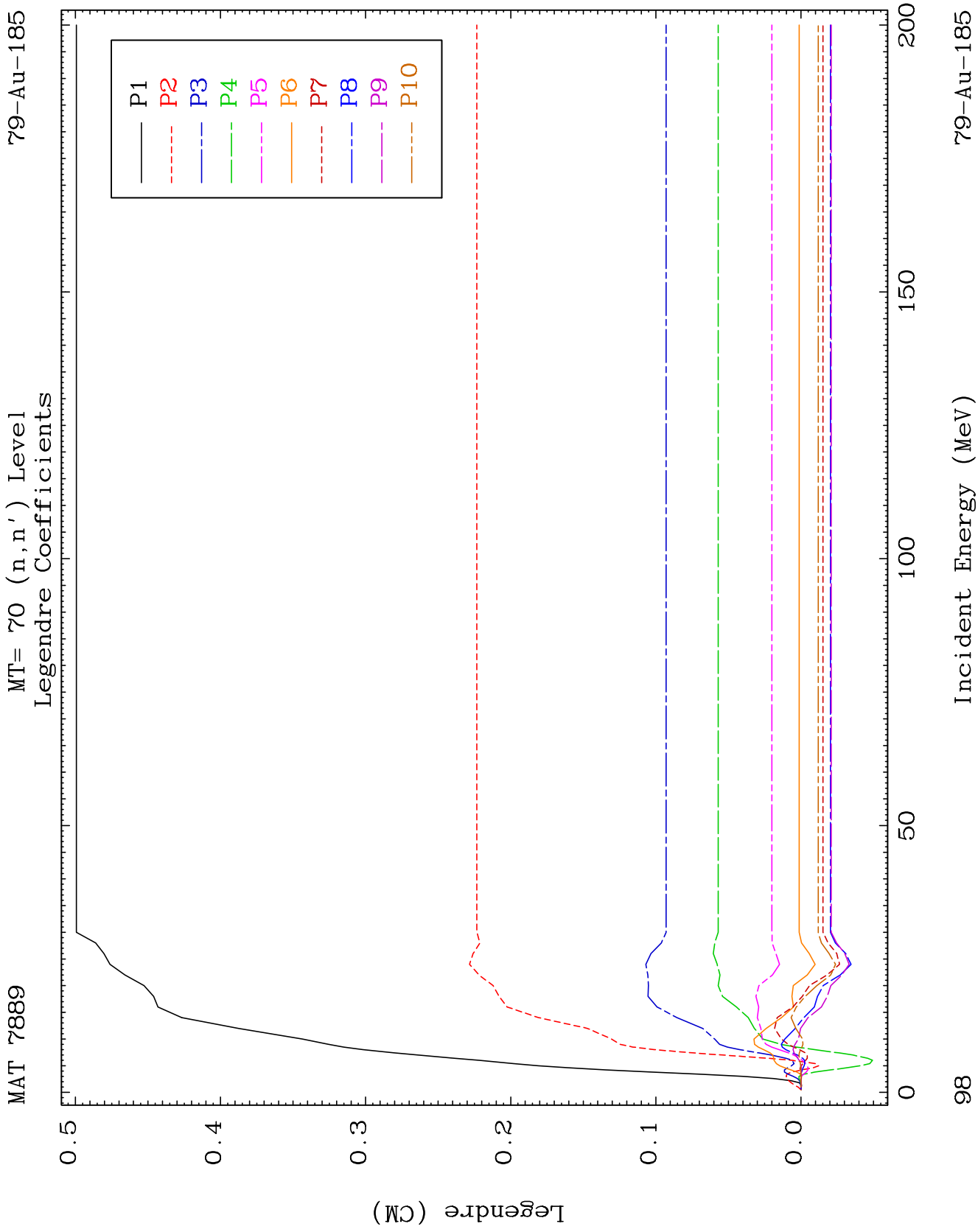
79-Au-185

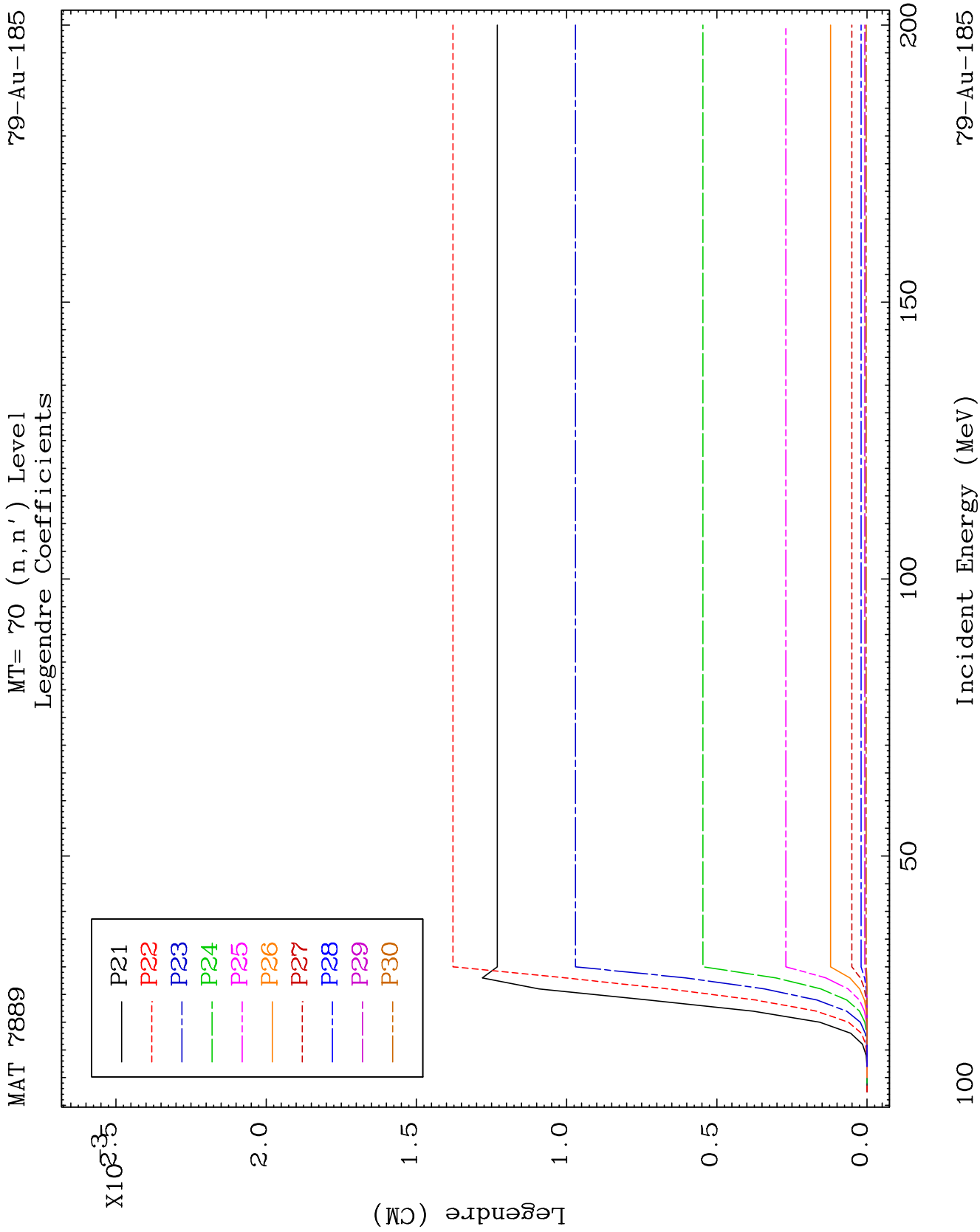








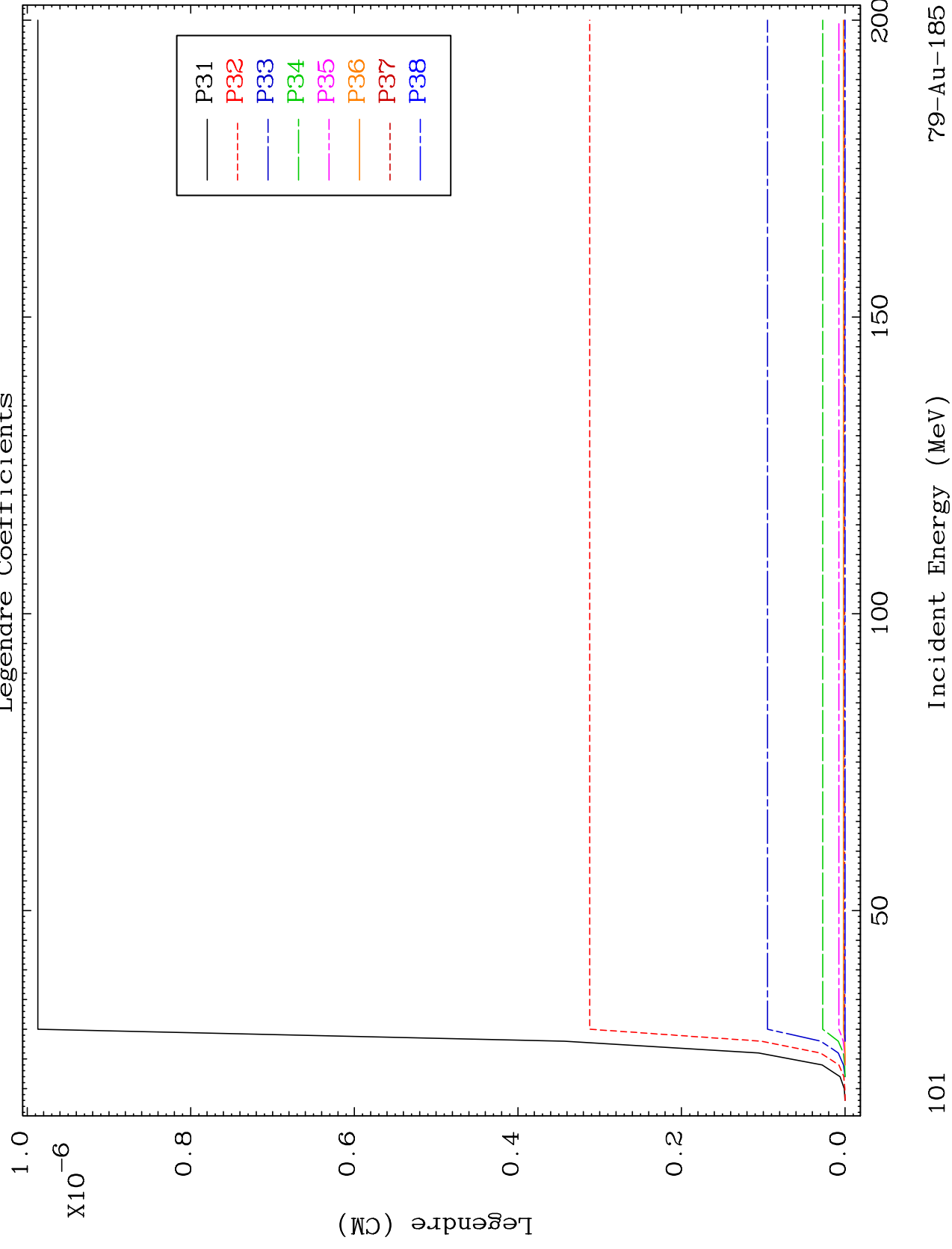


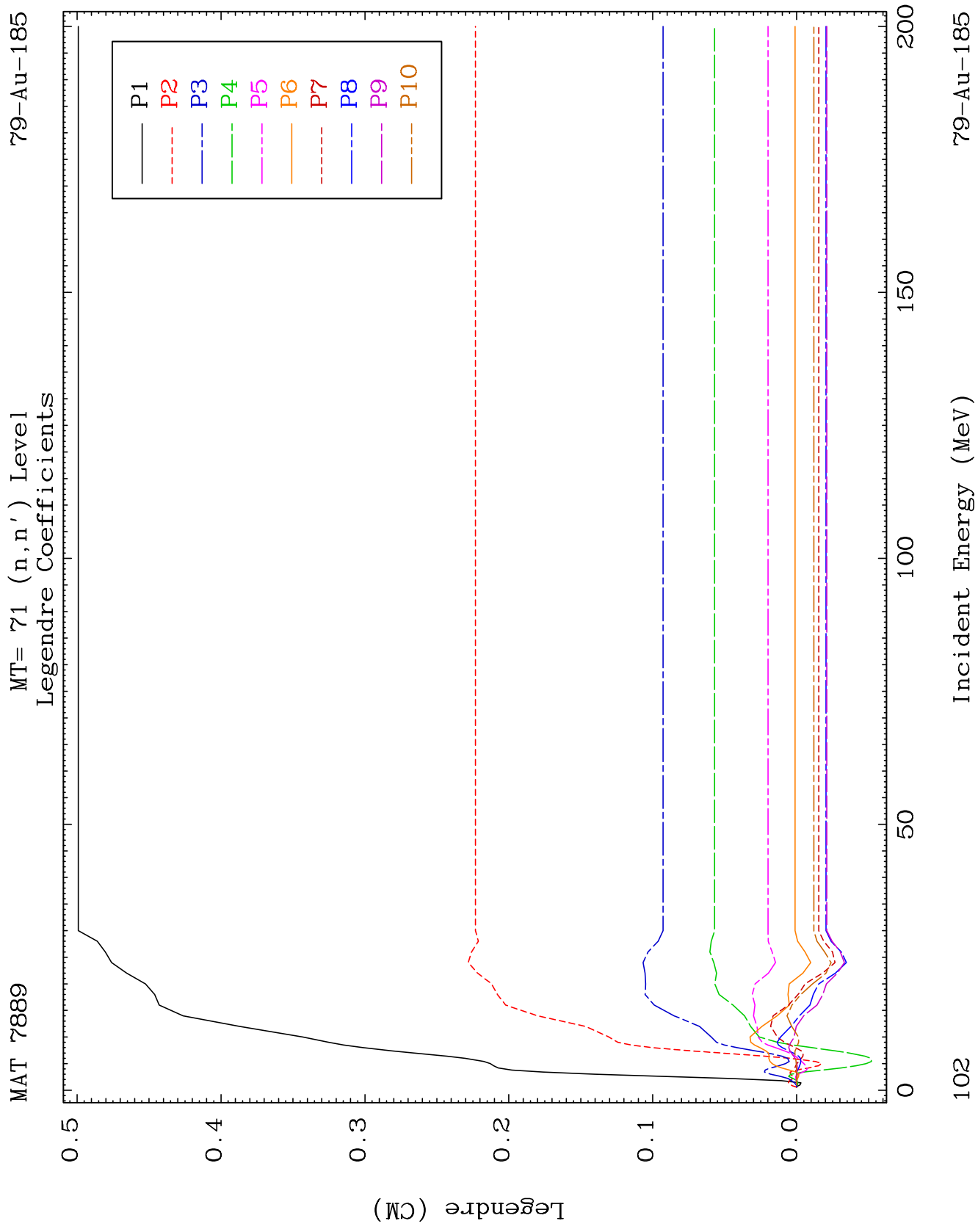


MAT 7889

MT= 70 (n, n') Level
Legendre Coefficients

79-Au-185

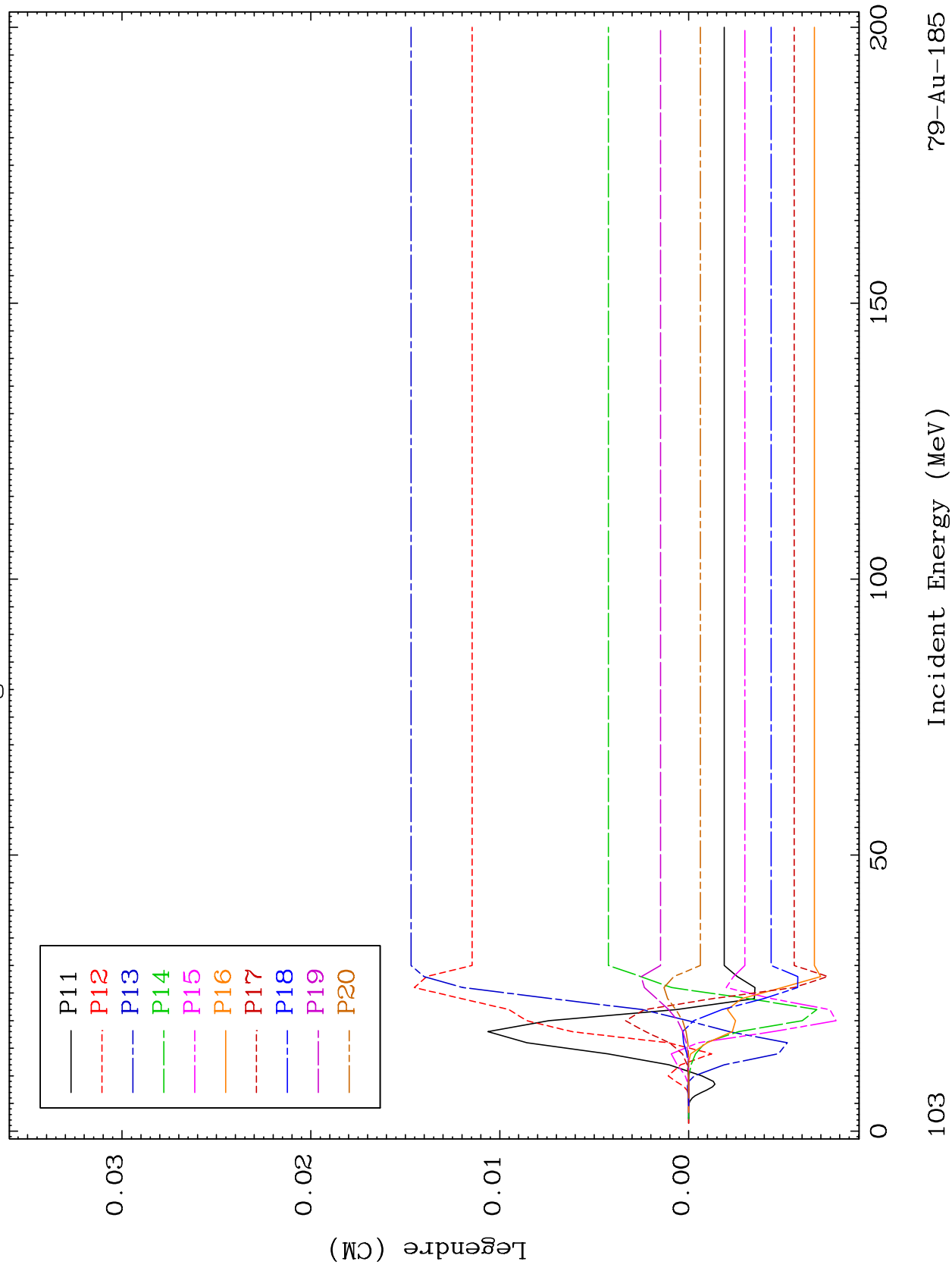




MAT 7889

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

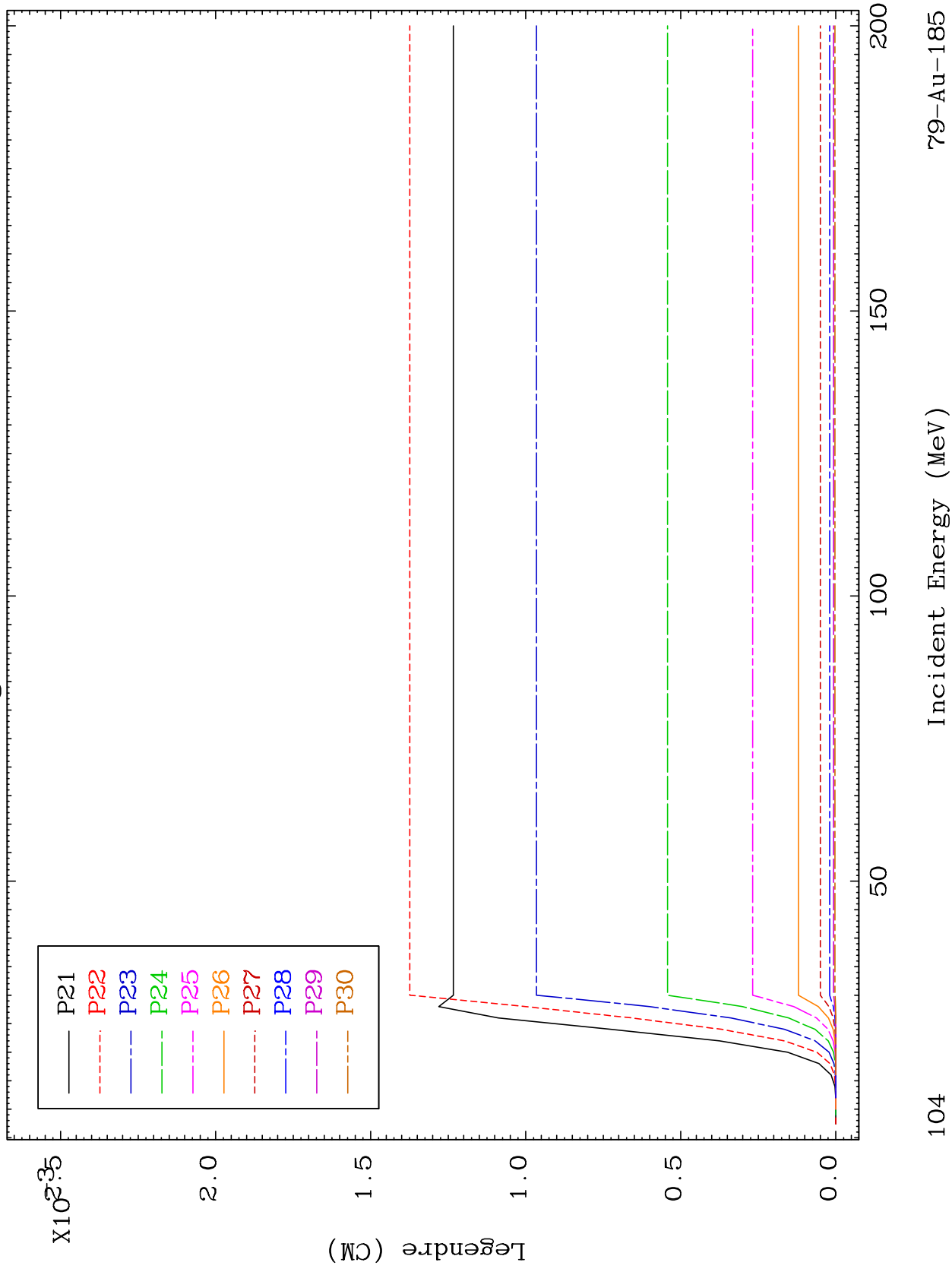
79-Au-185

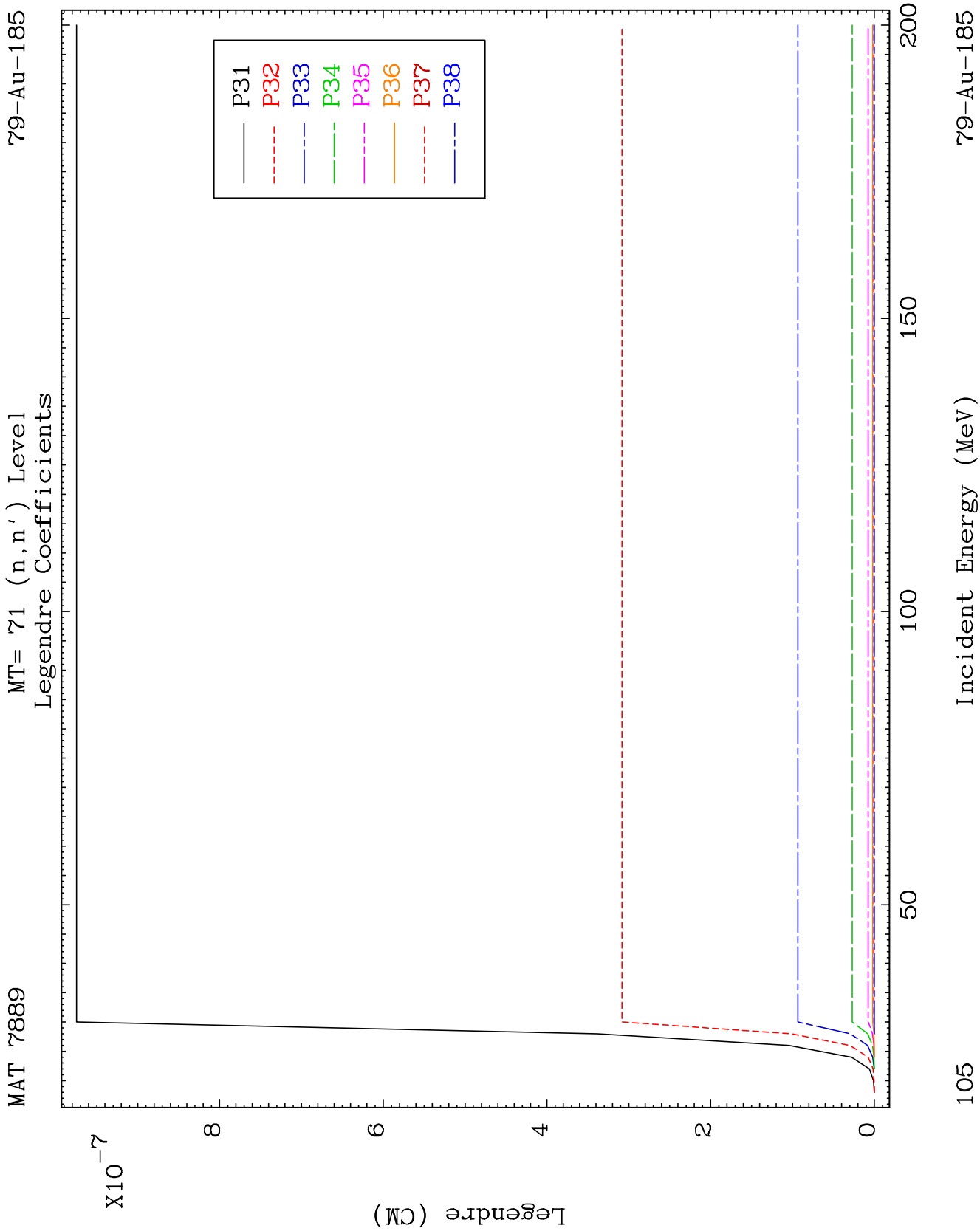


MAT 7889

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

79-Au-185



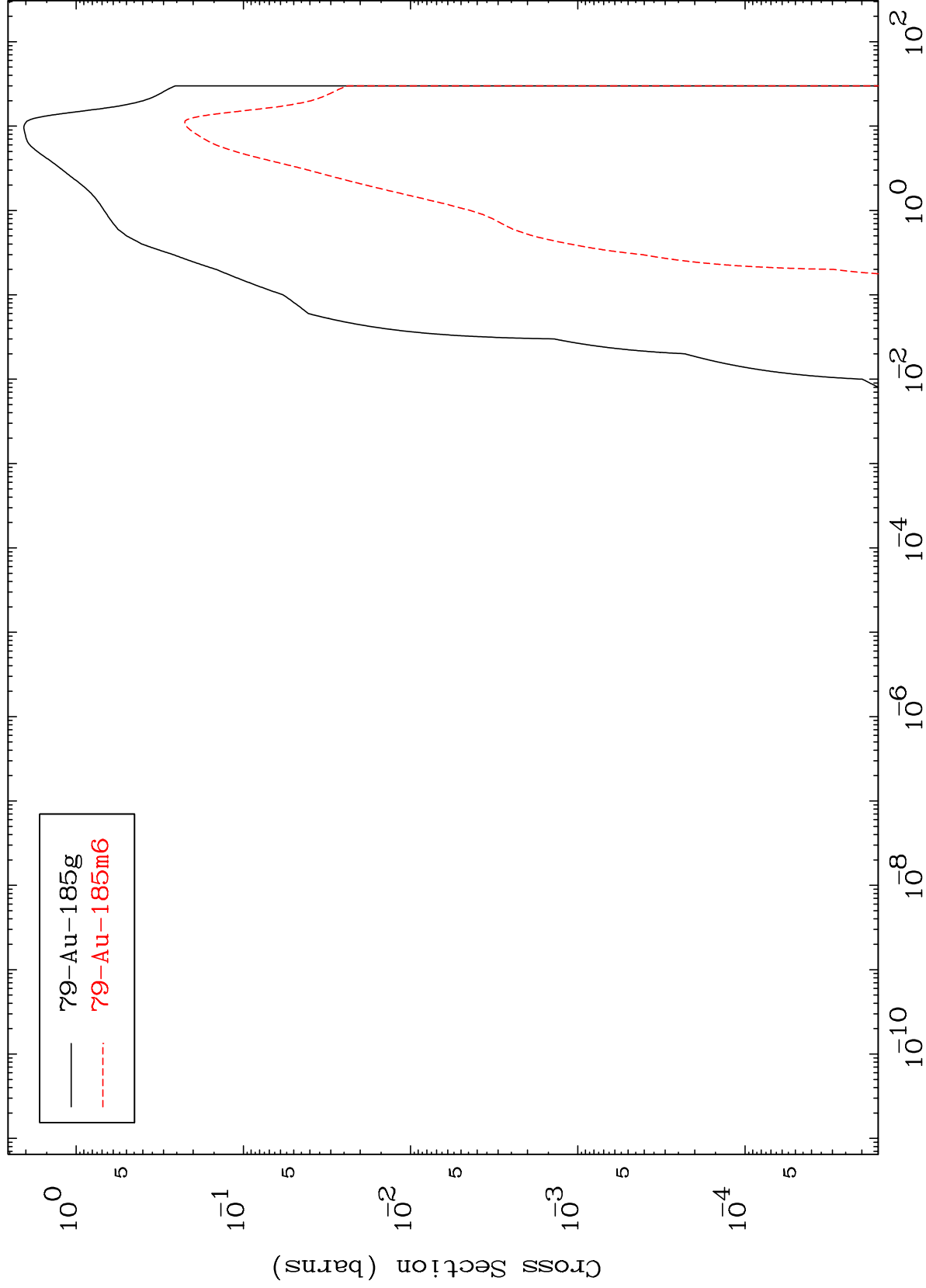


MAT 7889

Inelastic

⁷⁹Au-¹⁸⁵

Radionuclide Production Cross Section



106

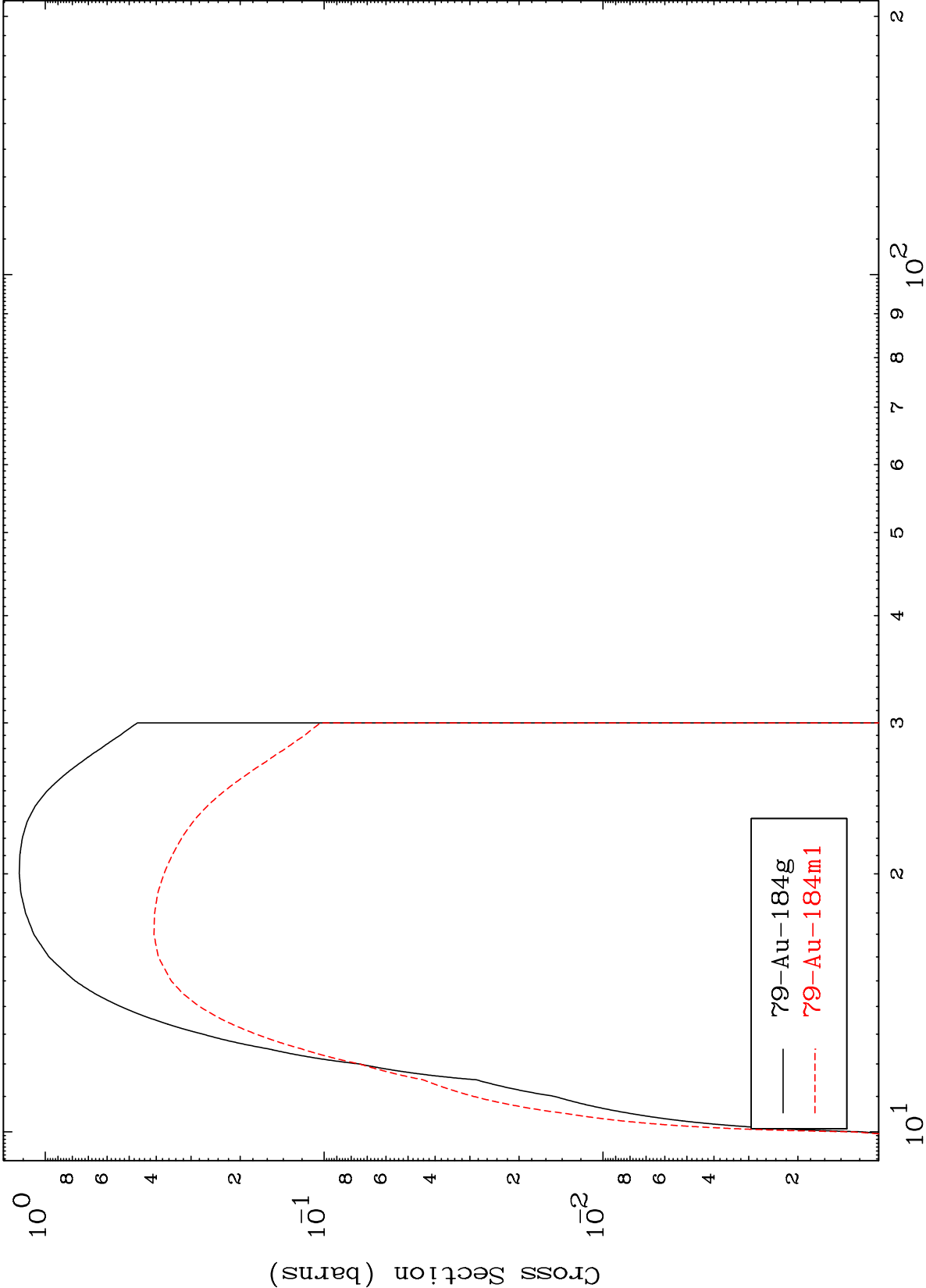
Incident Energy (MeV)

⁷⁹Au-¹⁸⁵

MAT 7889

79-Au-185

(n,2n)
Radionuclide Production Cross Section



79-Au-185

Incident Energy (MeV)

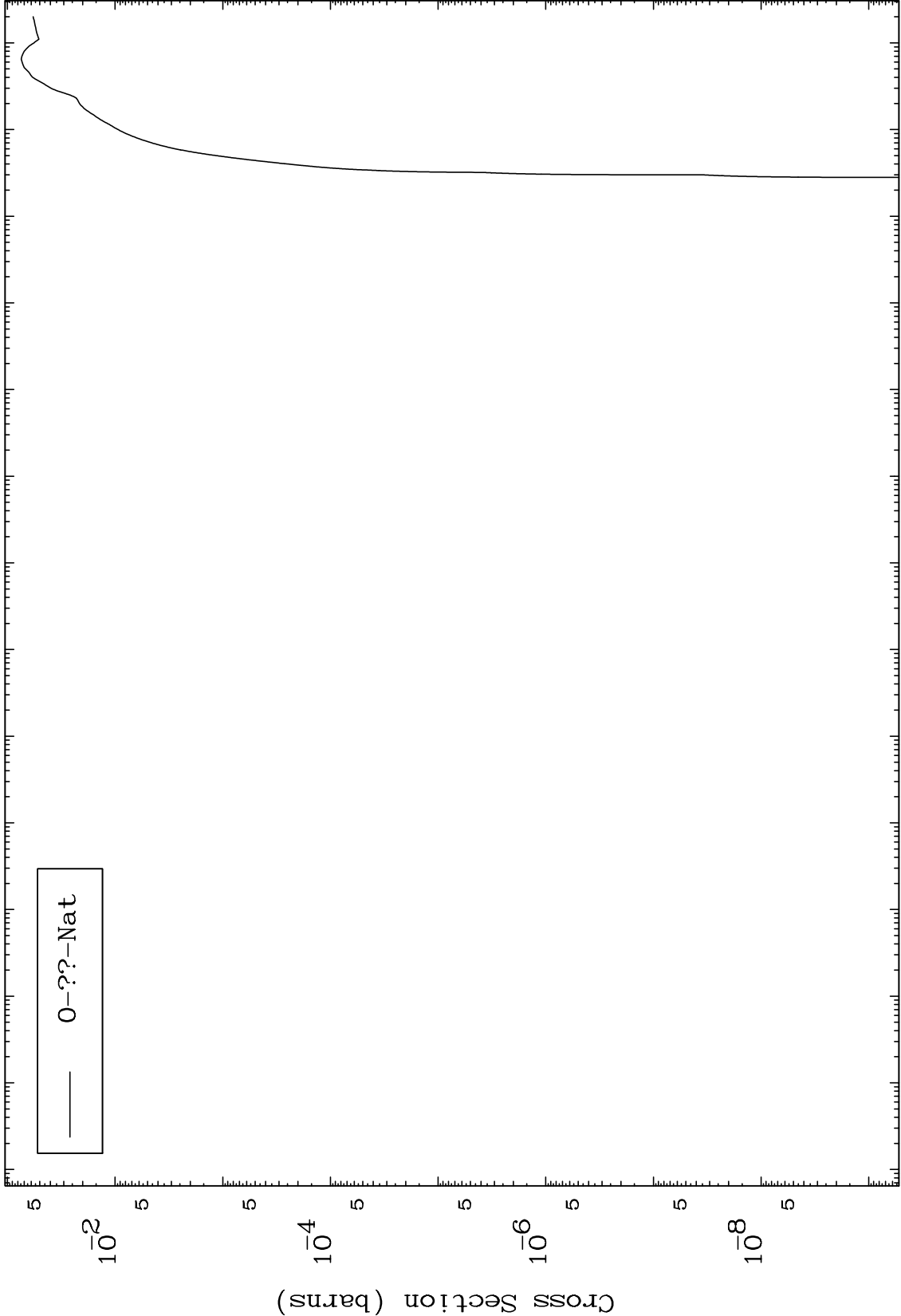
107

MAT 7889

Fission

⁷⁹Au-185

Radionuclide Production Cross Section

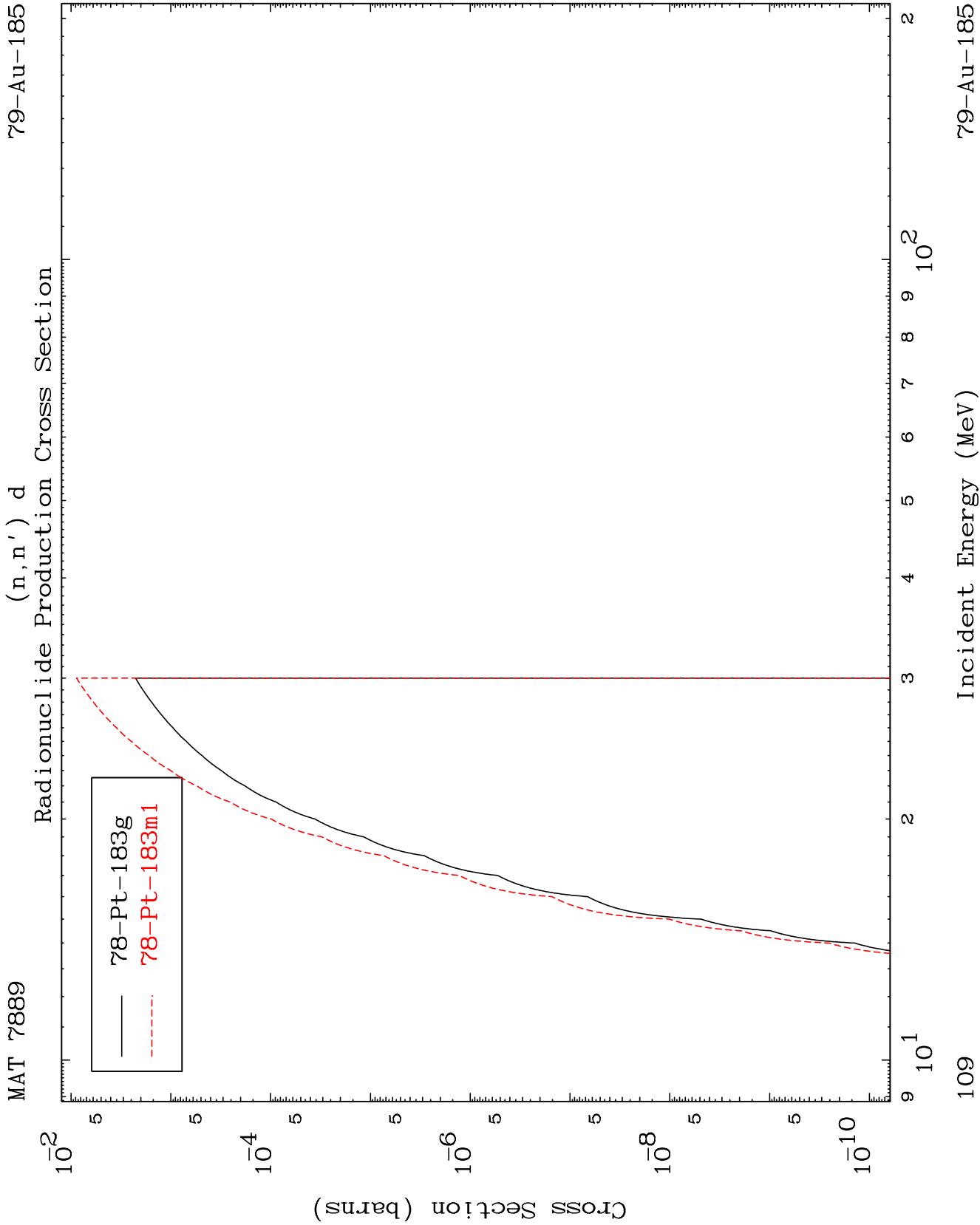


0-??-Nat

108

Incident Energy (MeV)

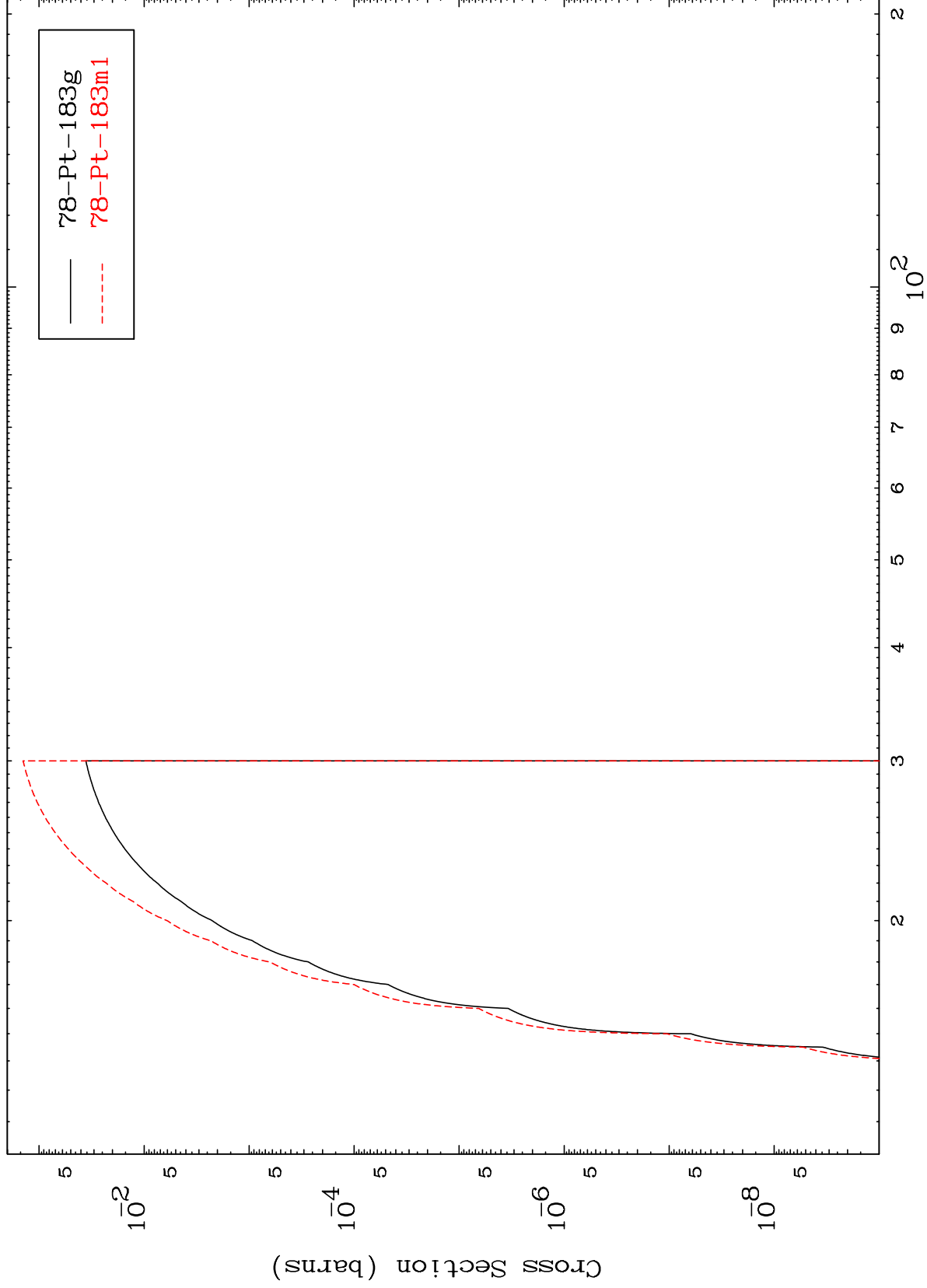
⁷⁹Au-185



MAT 7889

79-Au-185

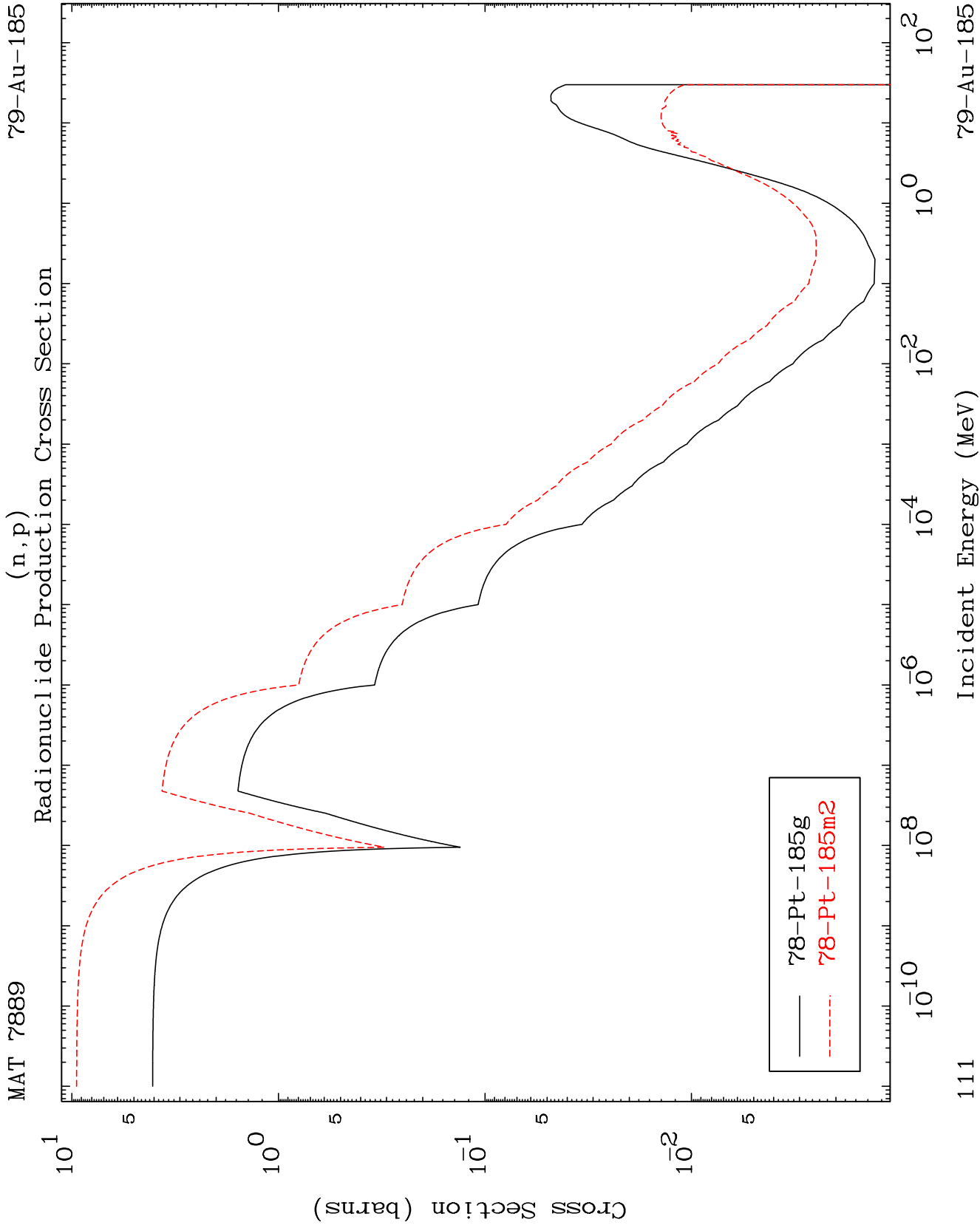
(n,2n) p
Radionuclide Production Cross Section

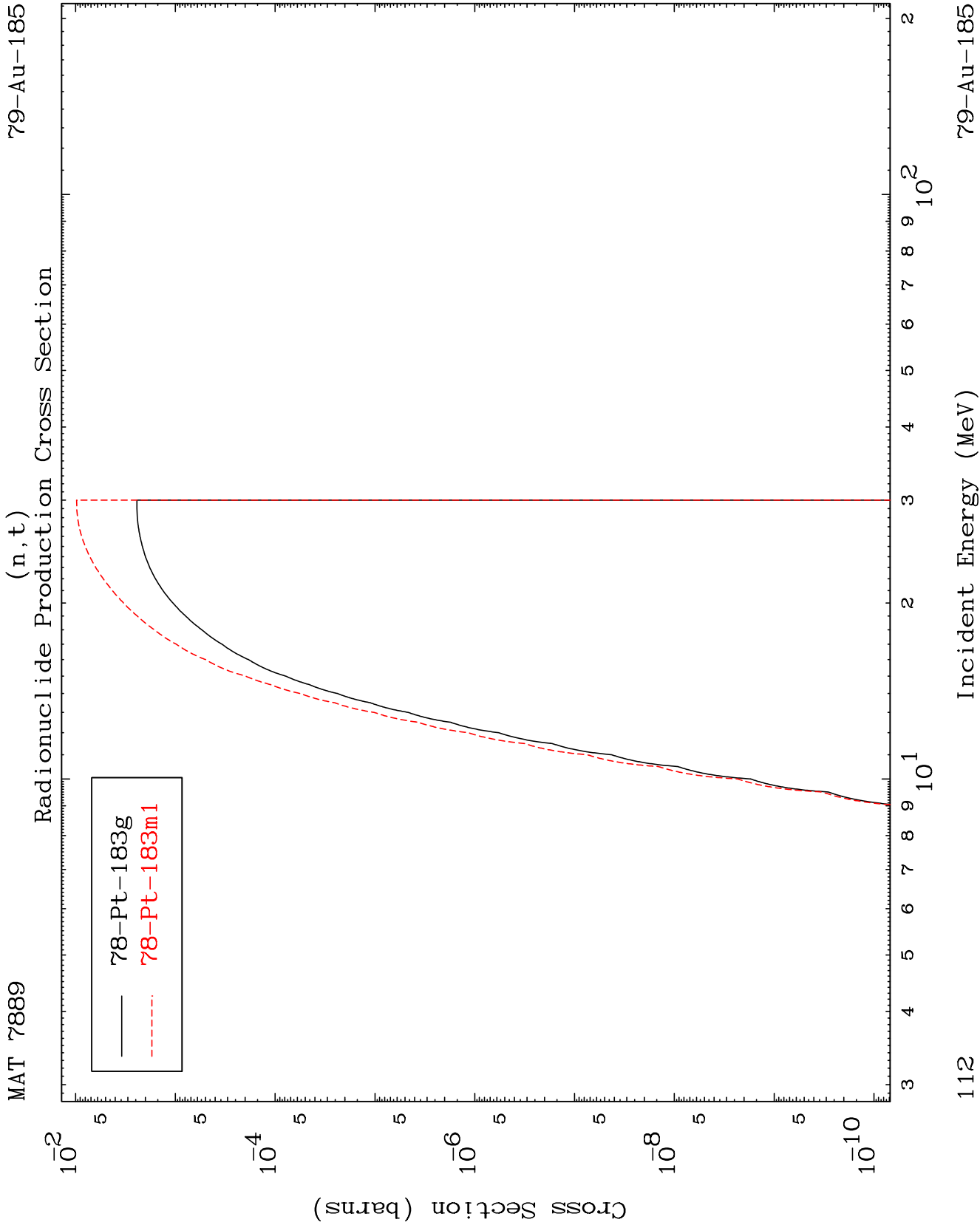


Incident Energy (MeV)

79-Au-185

110





Radionuclide Production Cross Section

