

Program EVALPLOT
(Version 2021-1)

by

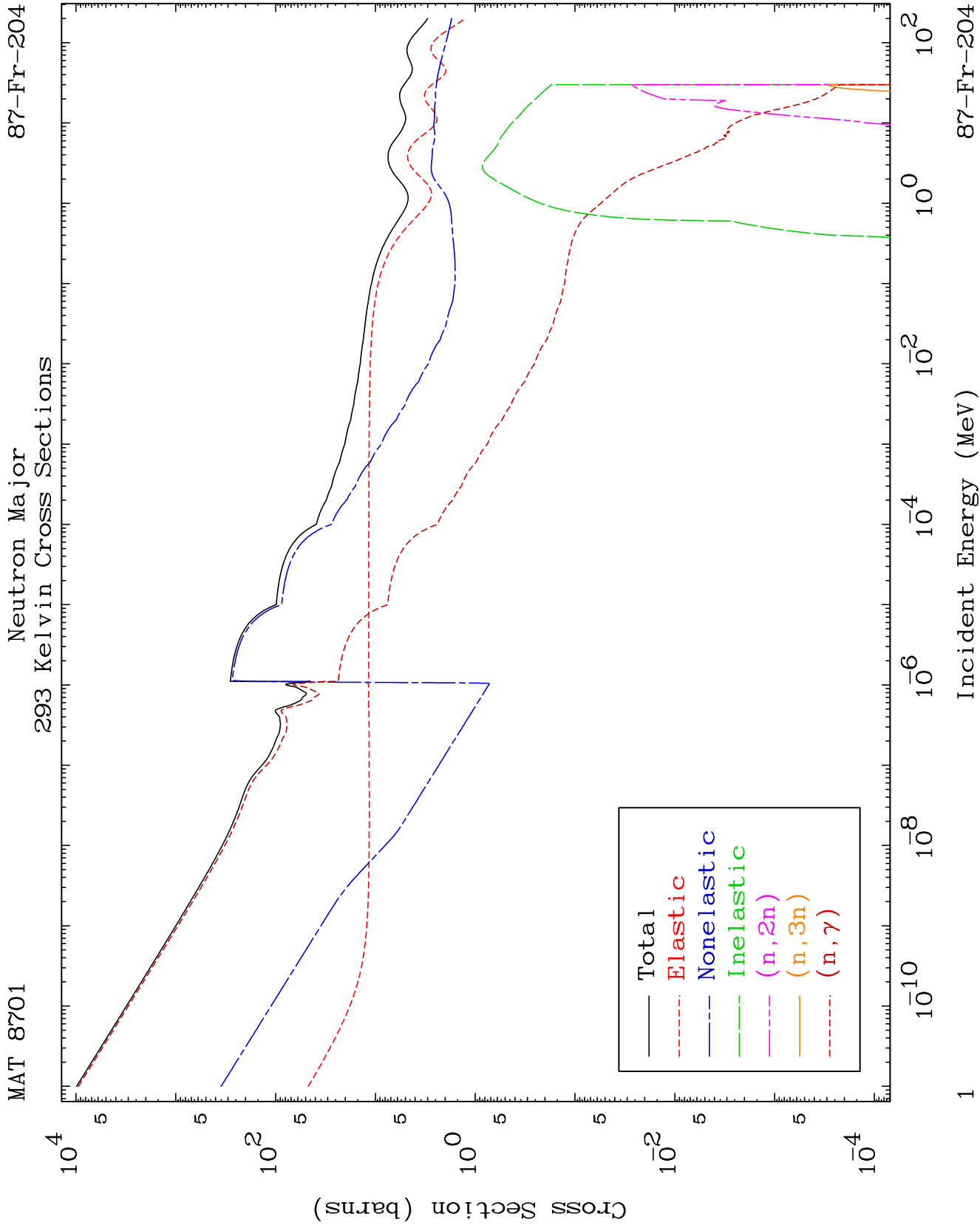
Dermott E. Cullen
(Present Contact Information)

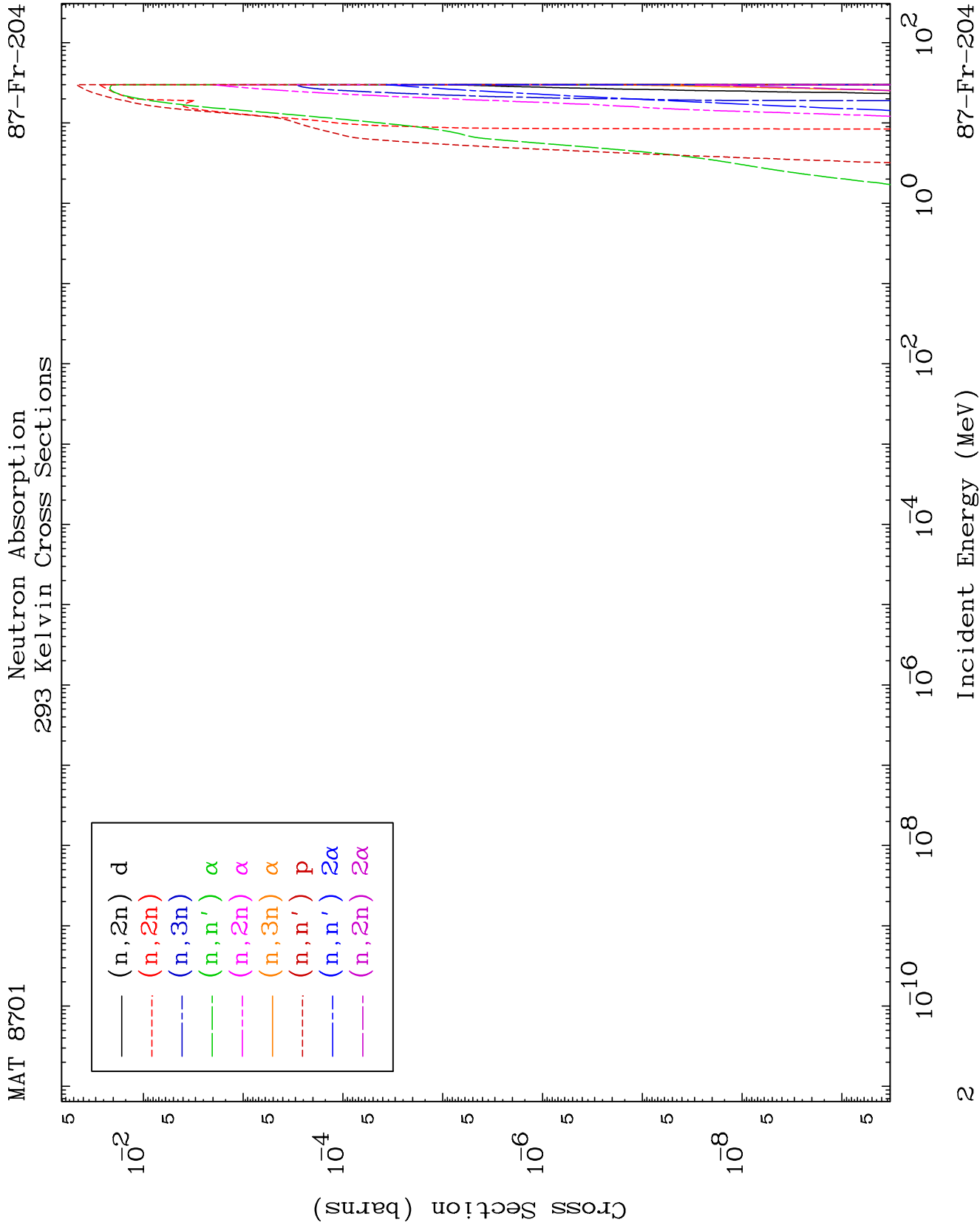
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

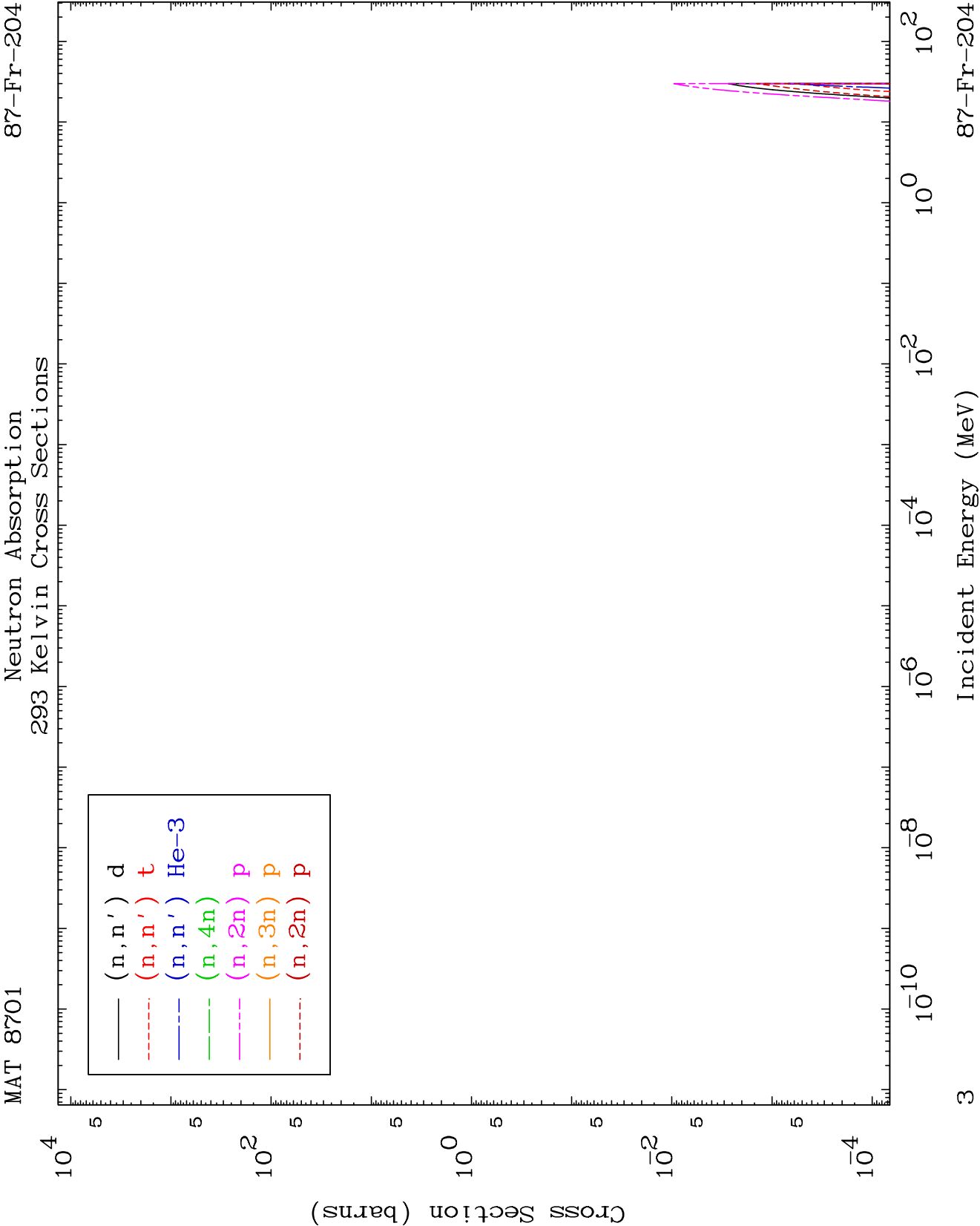
Tele: 925-443-1911

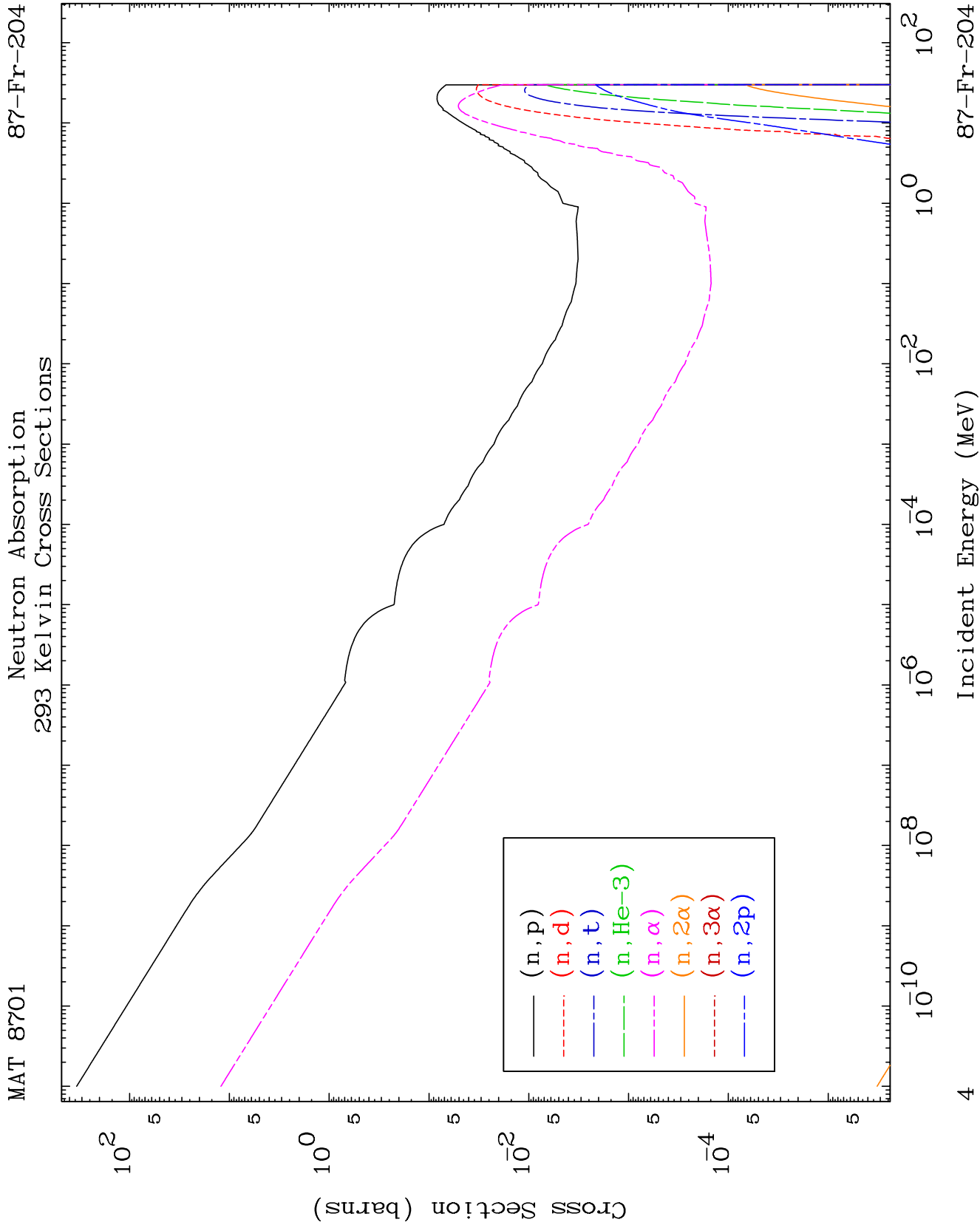
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

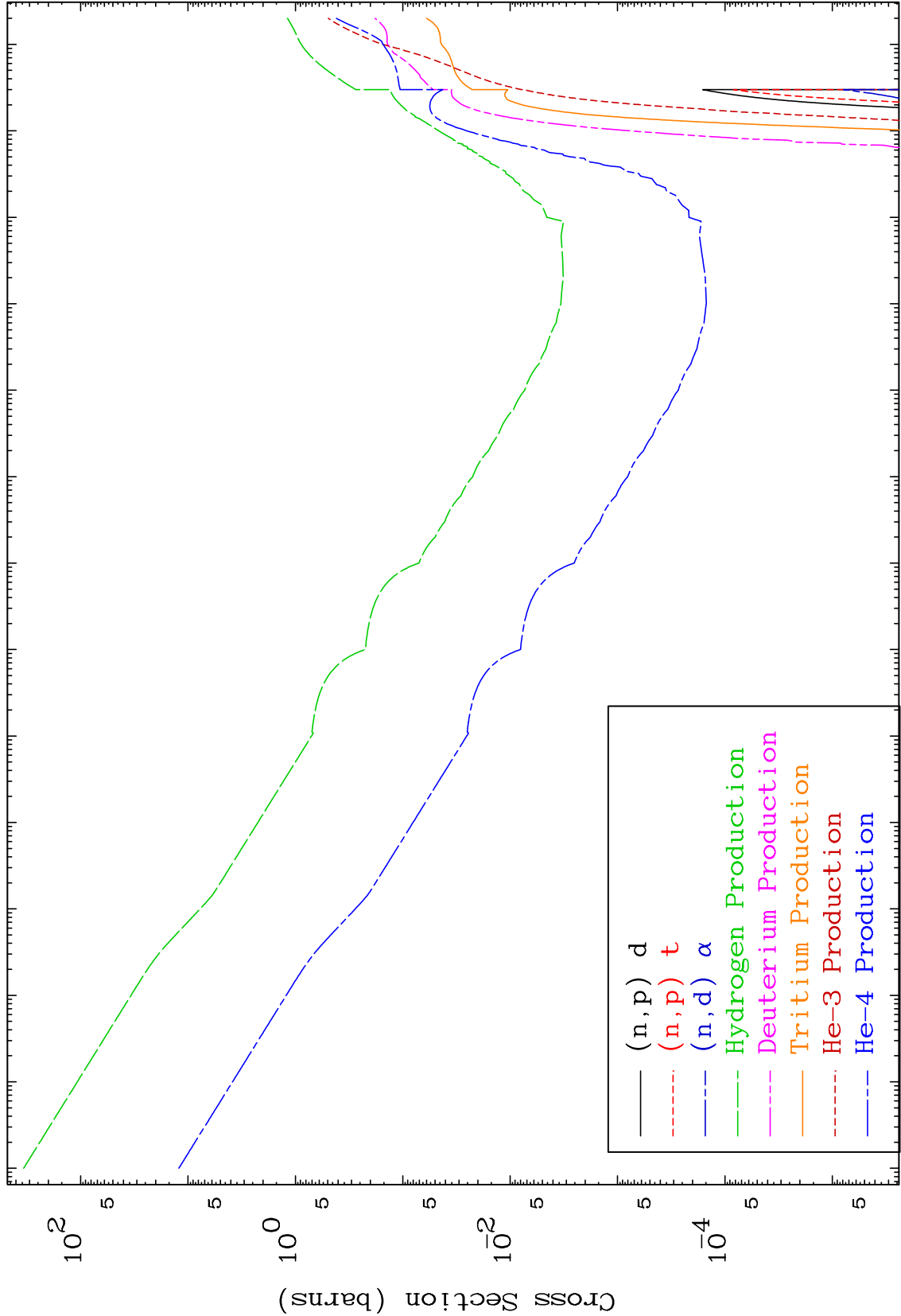
Press Mouse Button to Start







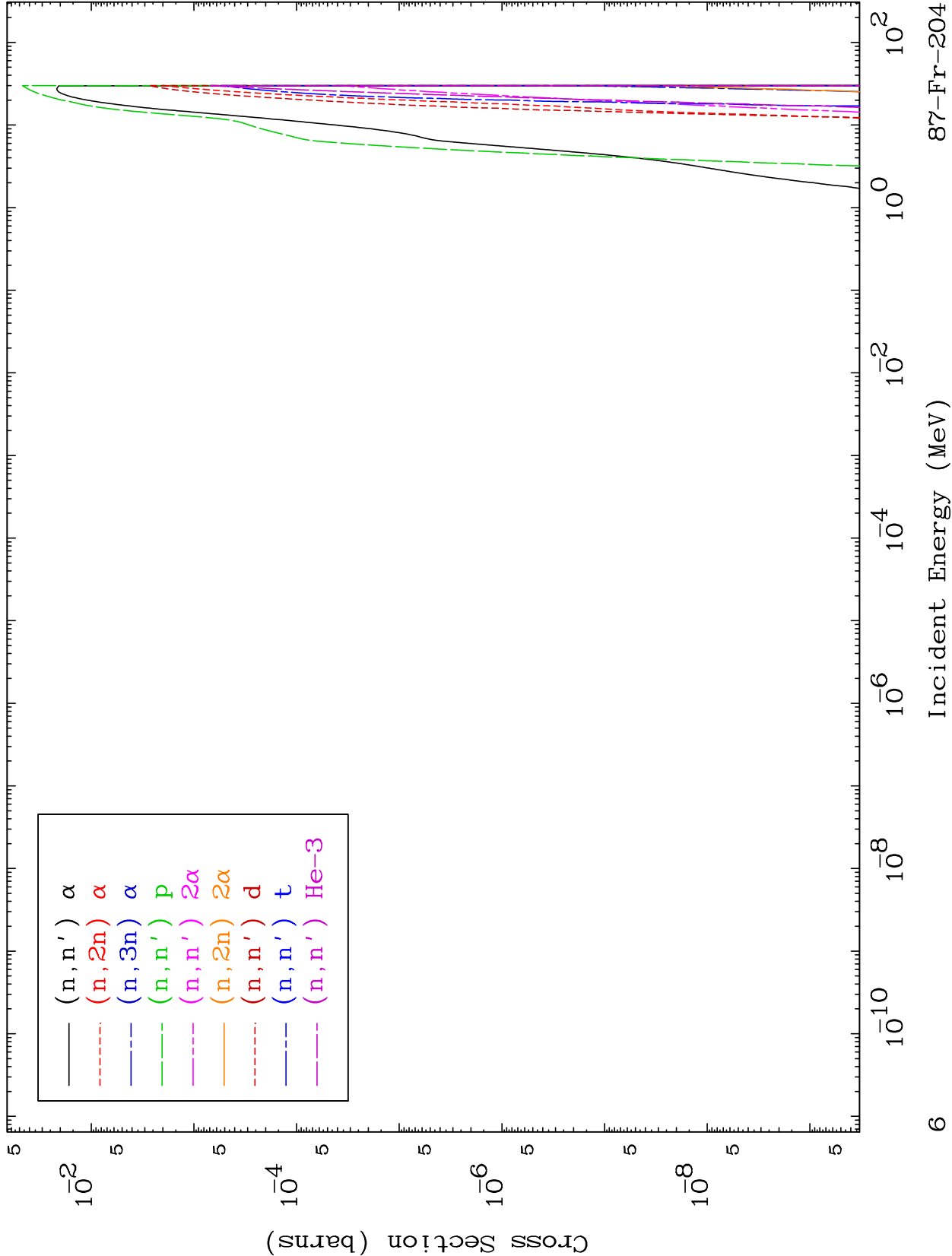


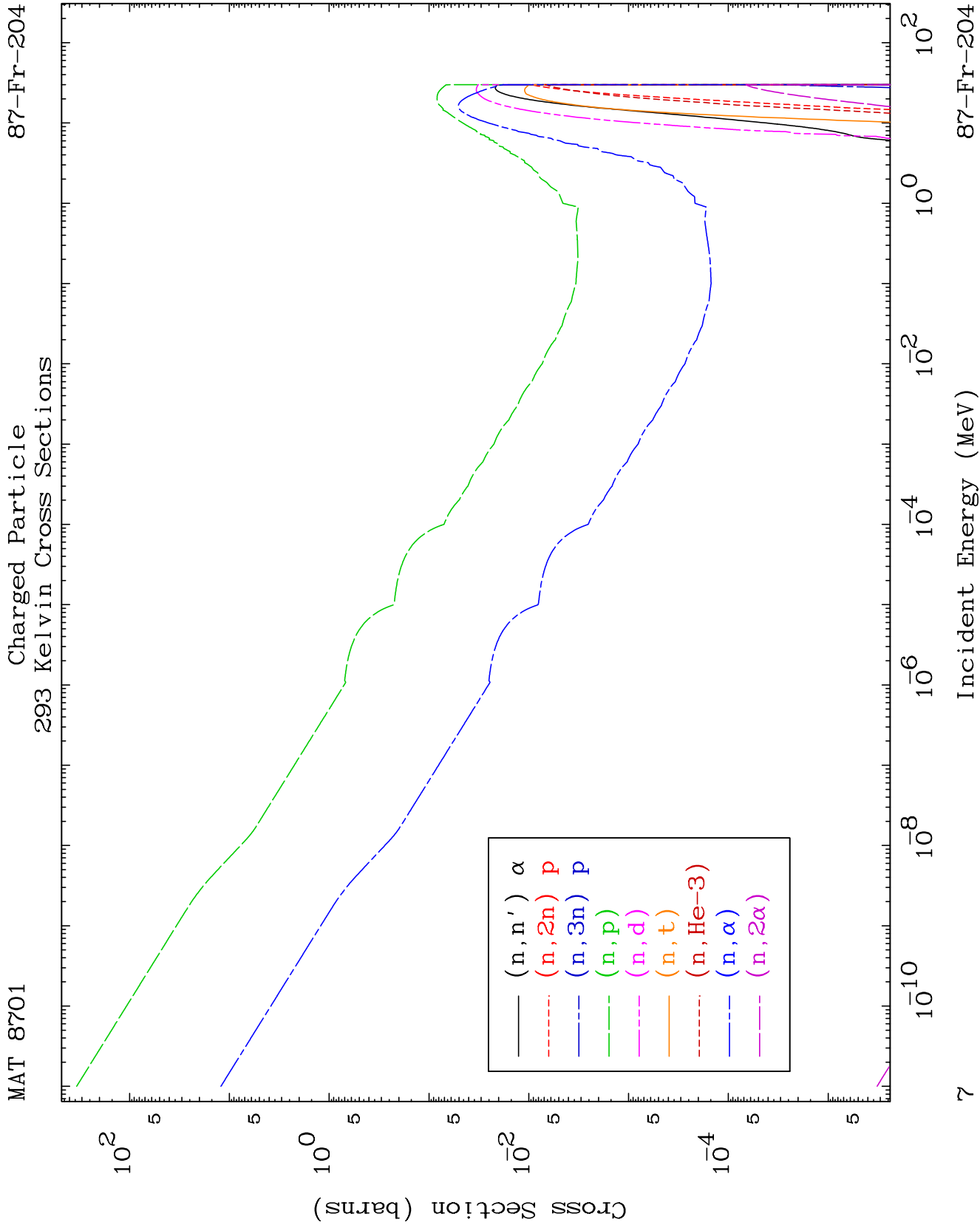


MAT 8701

Charged Particle
293 Kelvin Cross Sections

87-Fr-204

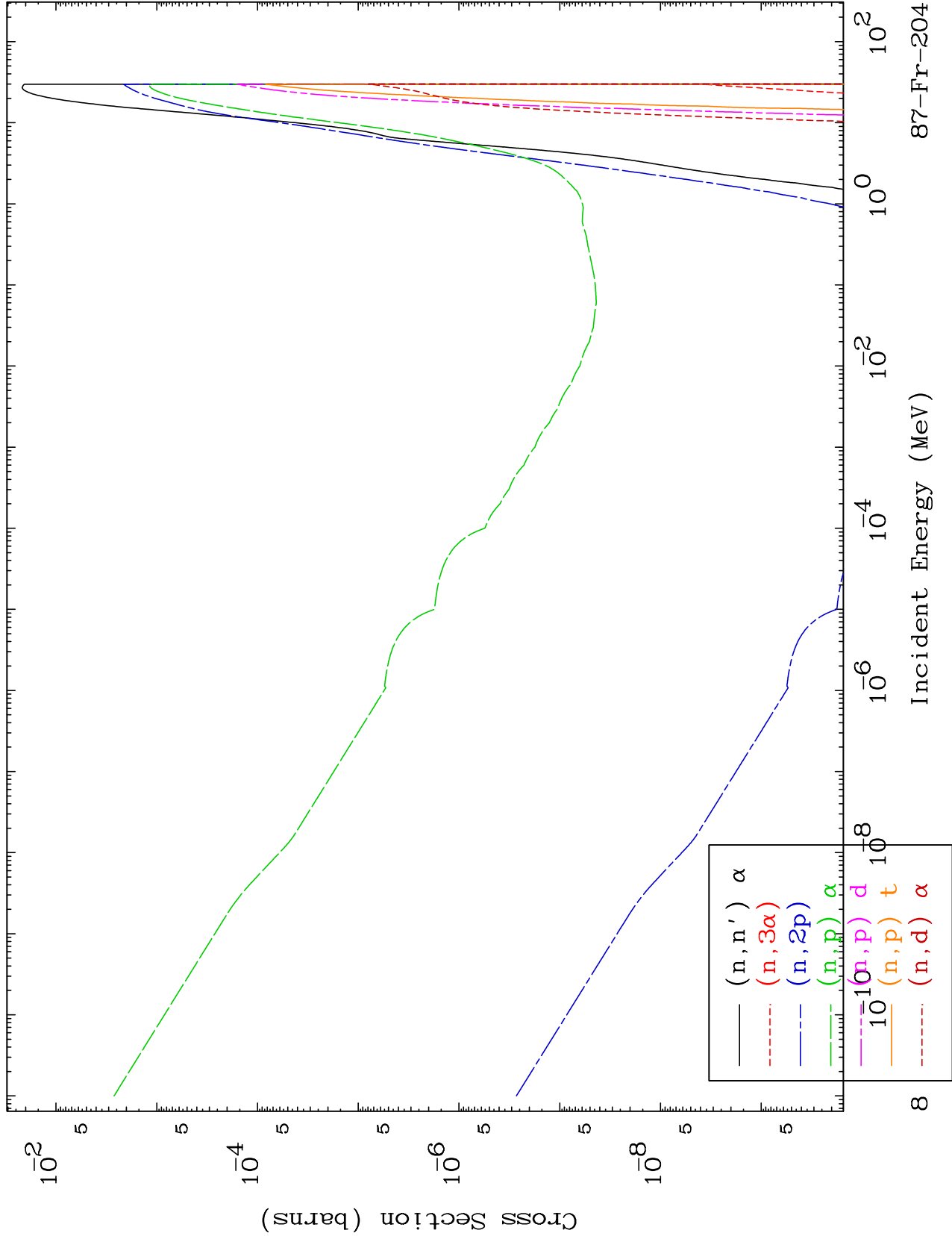


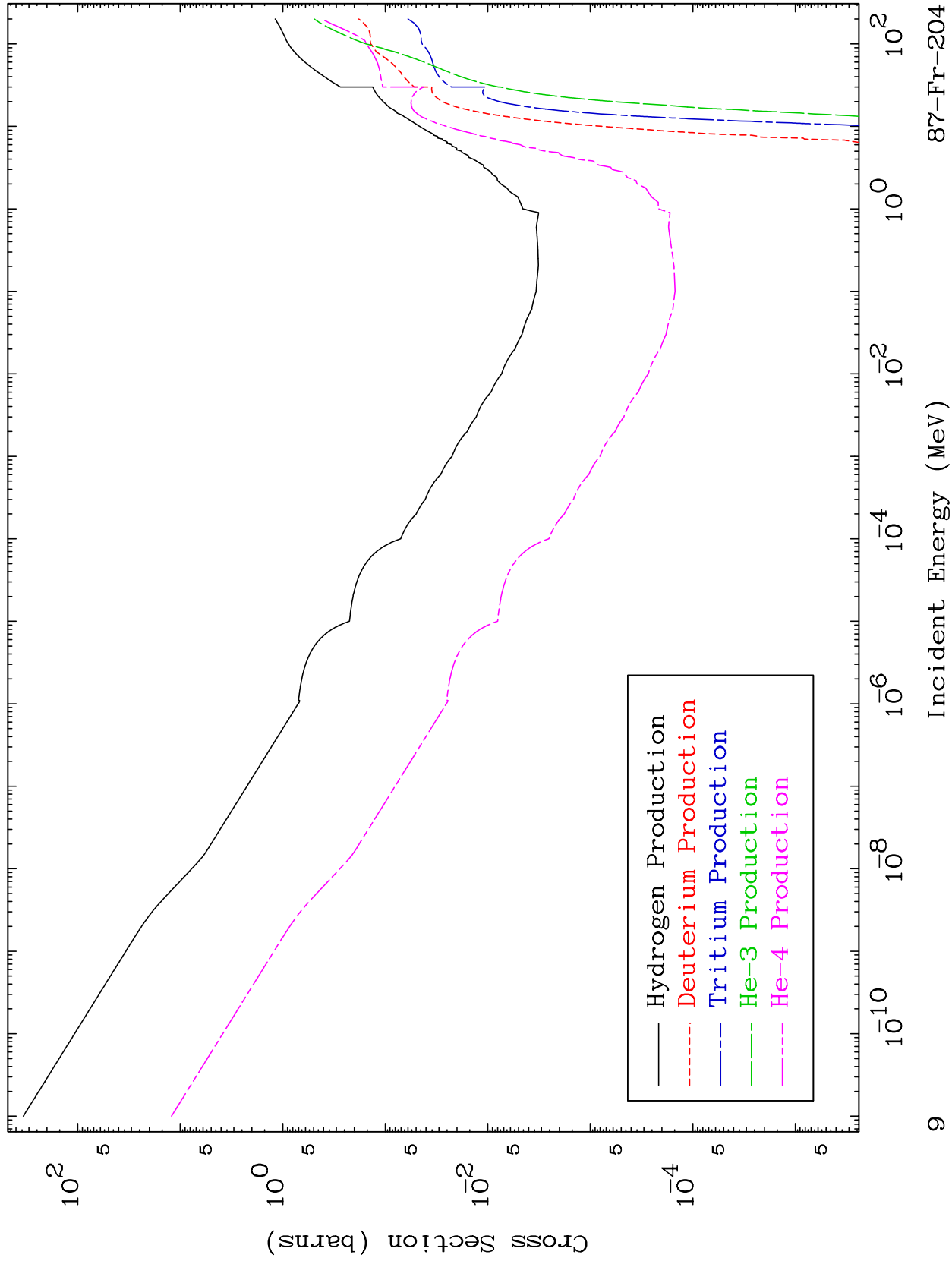


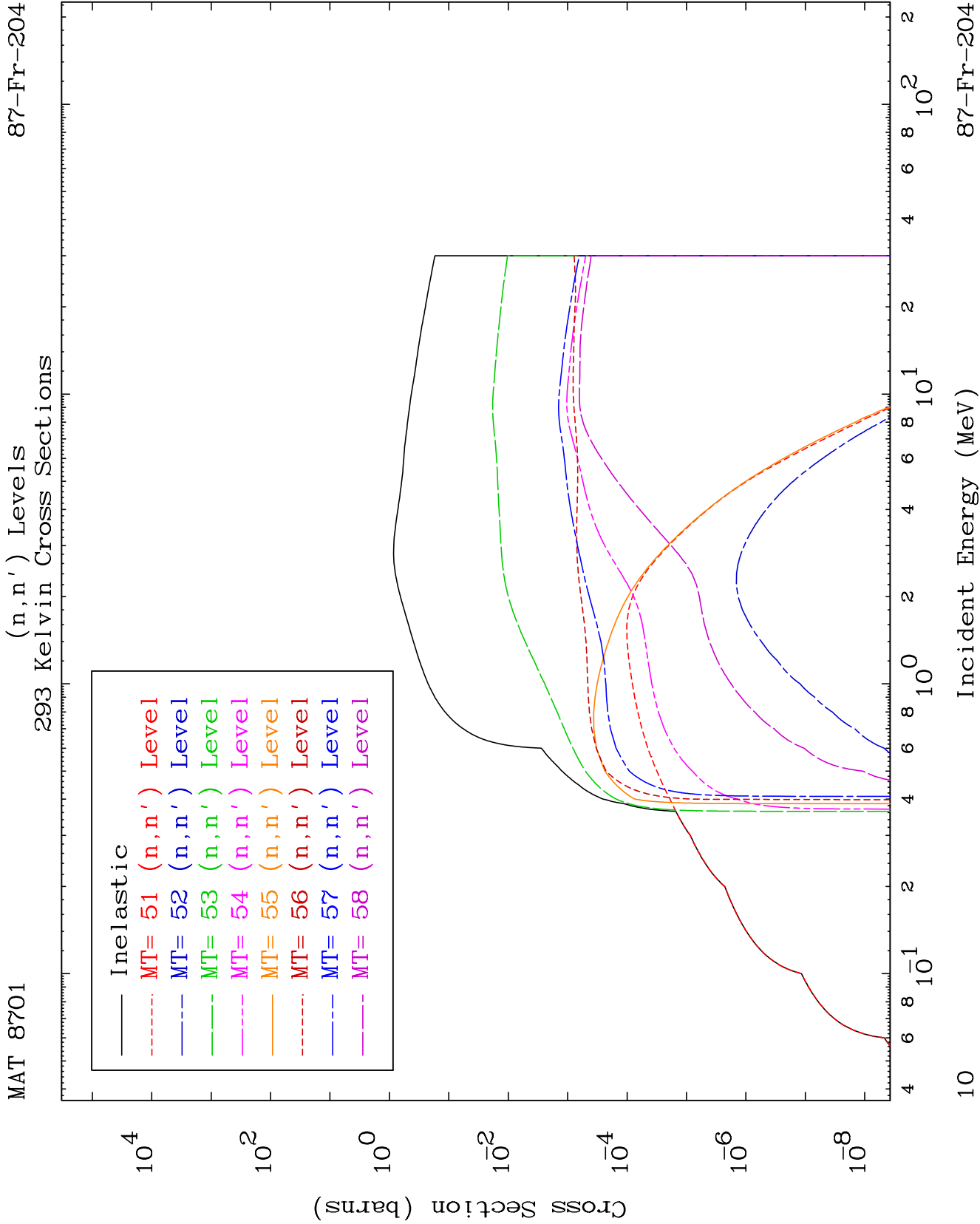
MAT 8701

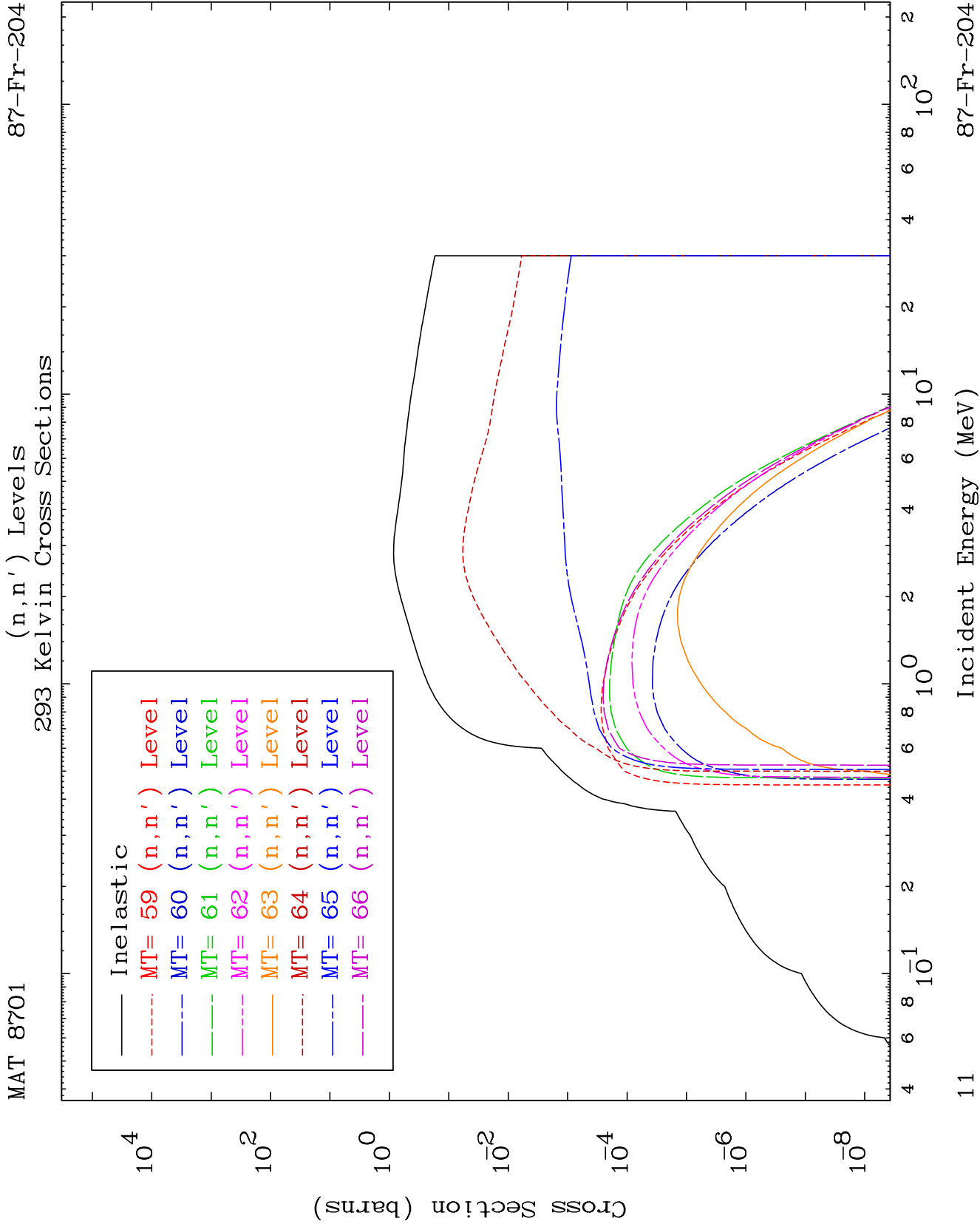
Charged Particle
293 Kelvin Cross Sections

87-Fr-204





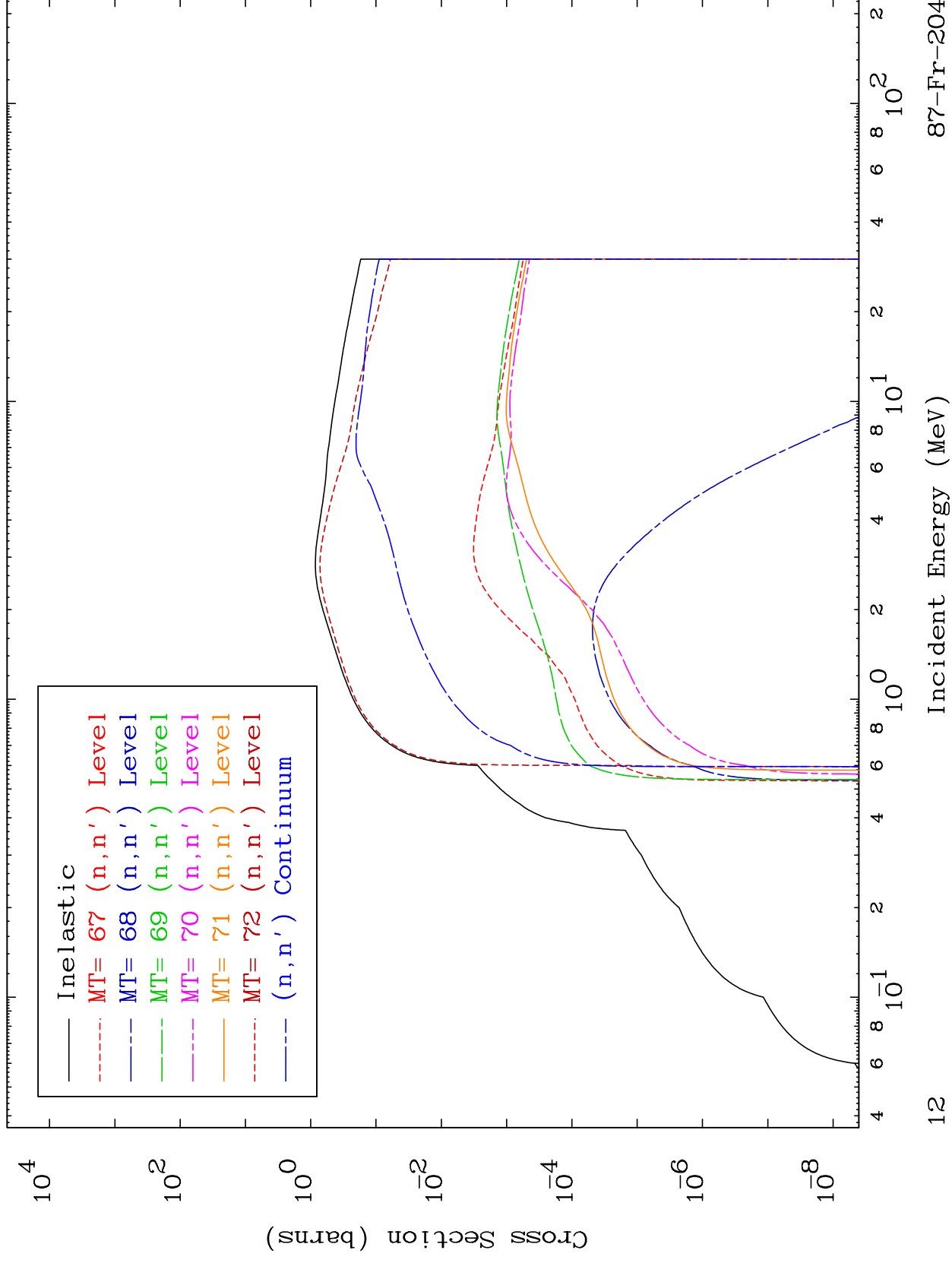




MAT 8701

(n, n') Levels
293 Kelvin Cross Sections

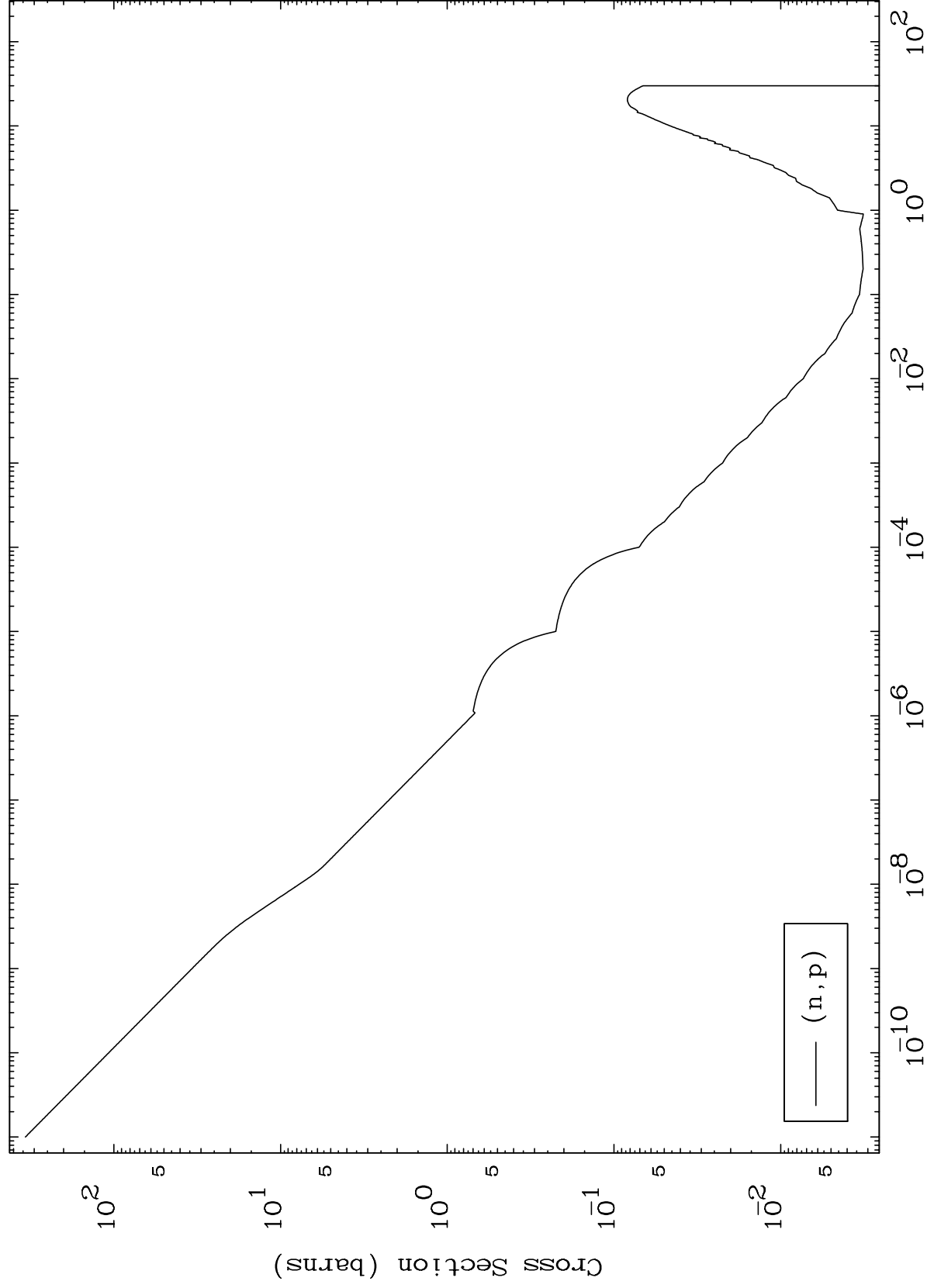
87-Fr-204



MAT 8701

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(n,p) Levels
293 Kelvin Cross Sections



— (n,p)

87-Fr-204

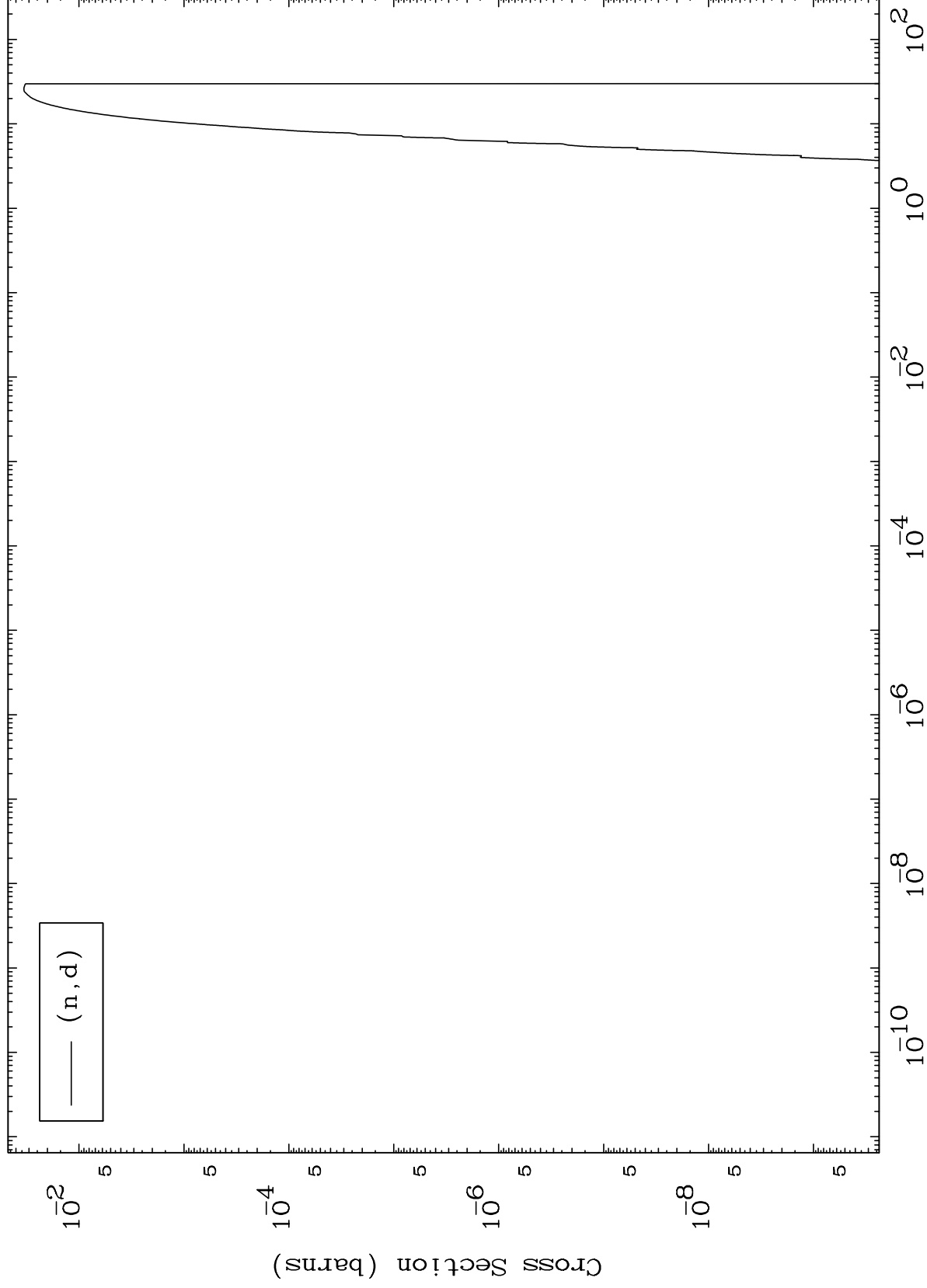
Incident Energy (MeV)

13

MAT 8701

(n,d) Levels
293 Kelvin Cross Sections

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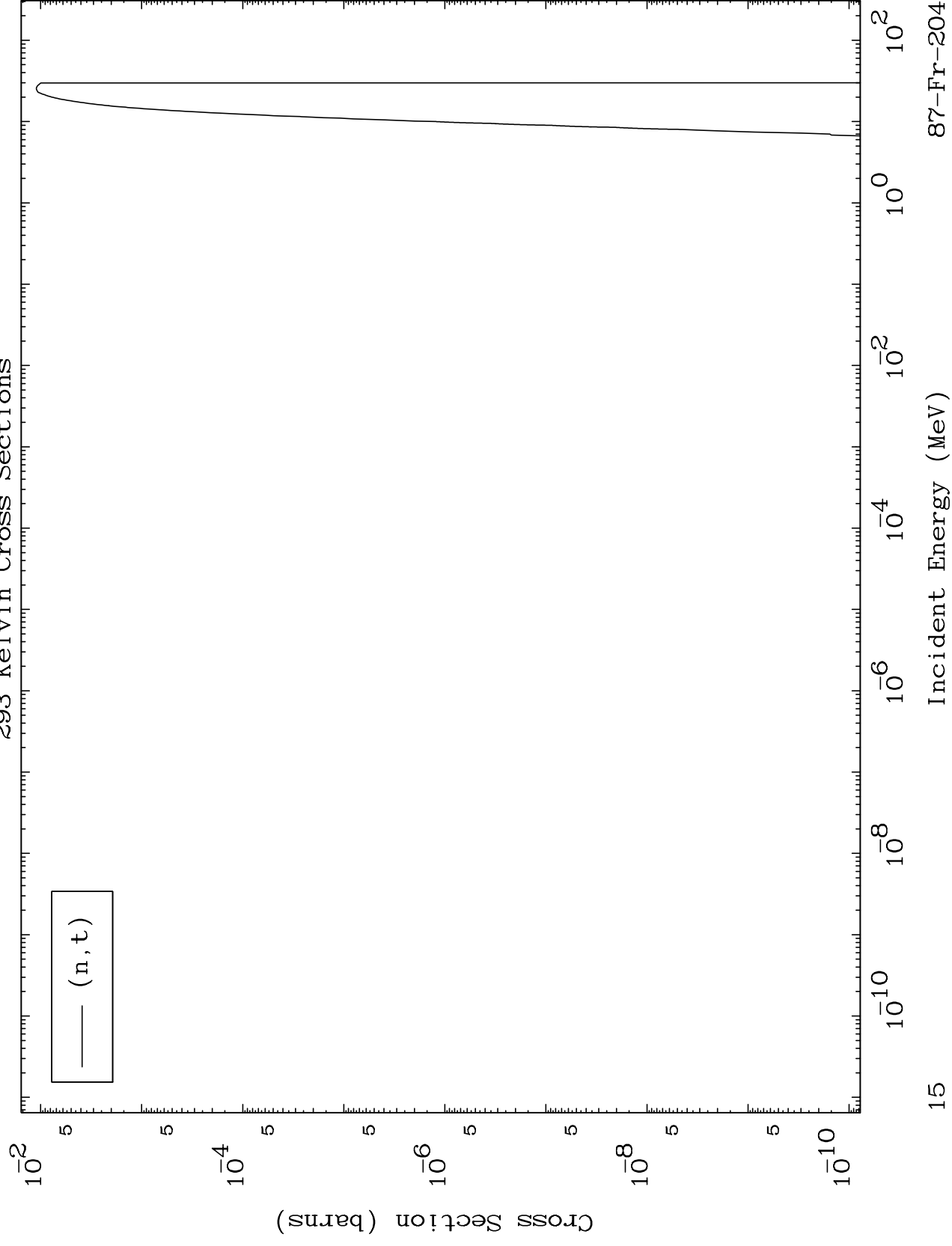
Incident Energy (MeV)

87-Fr-204

MAT 8701

87-Fr-204

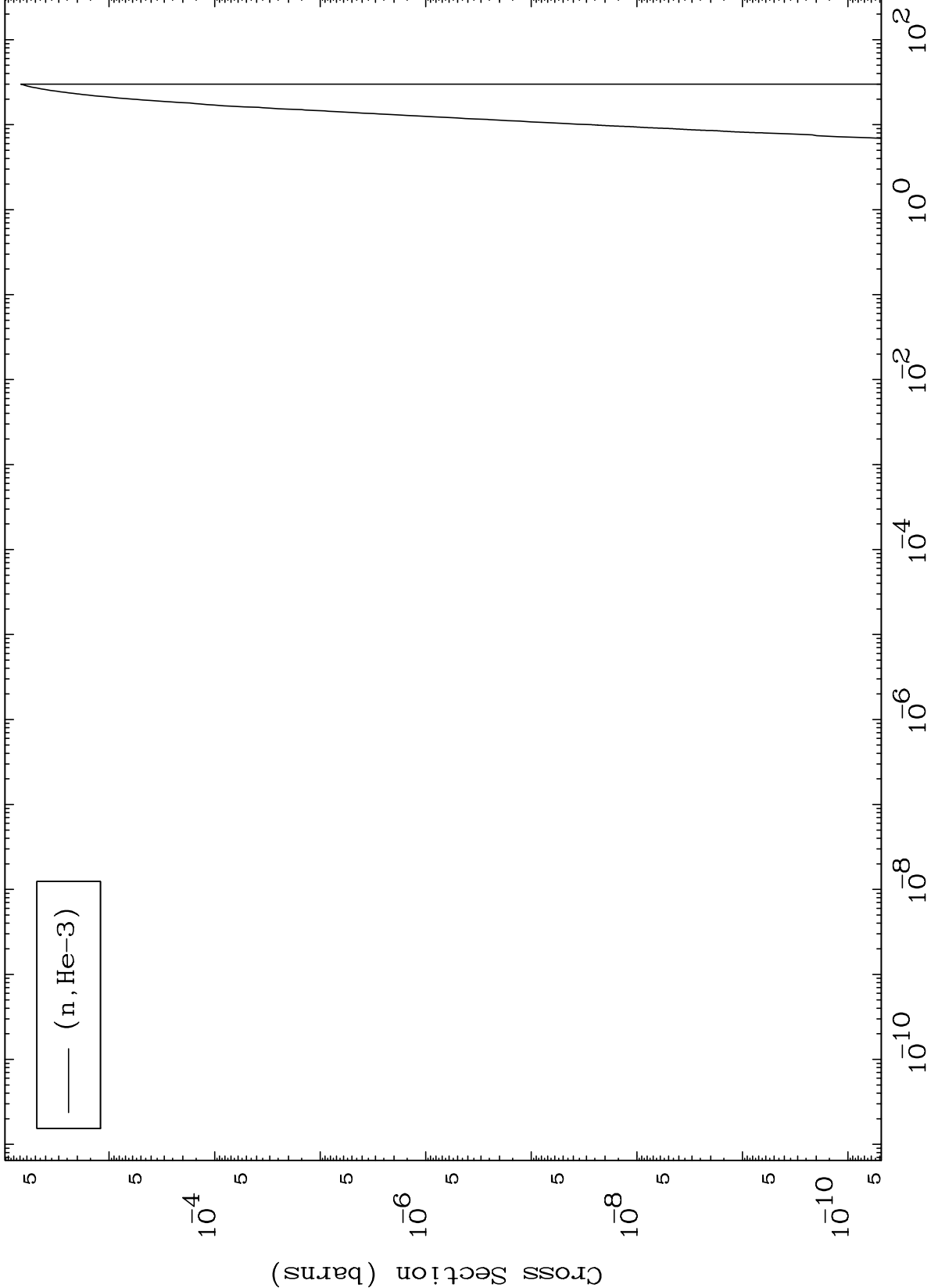
(n, t) Levels
293 Kelvin Cross Sections



MAT 8701

(n,He3) Levels
293 Kelvin Cross Sections

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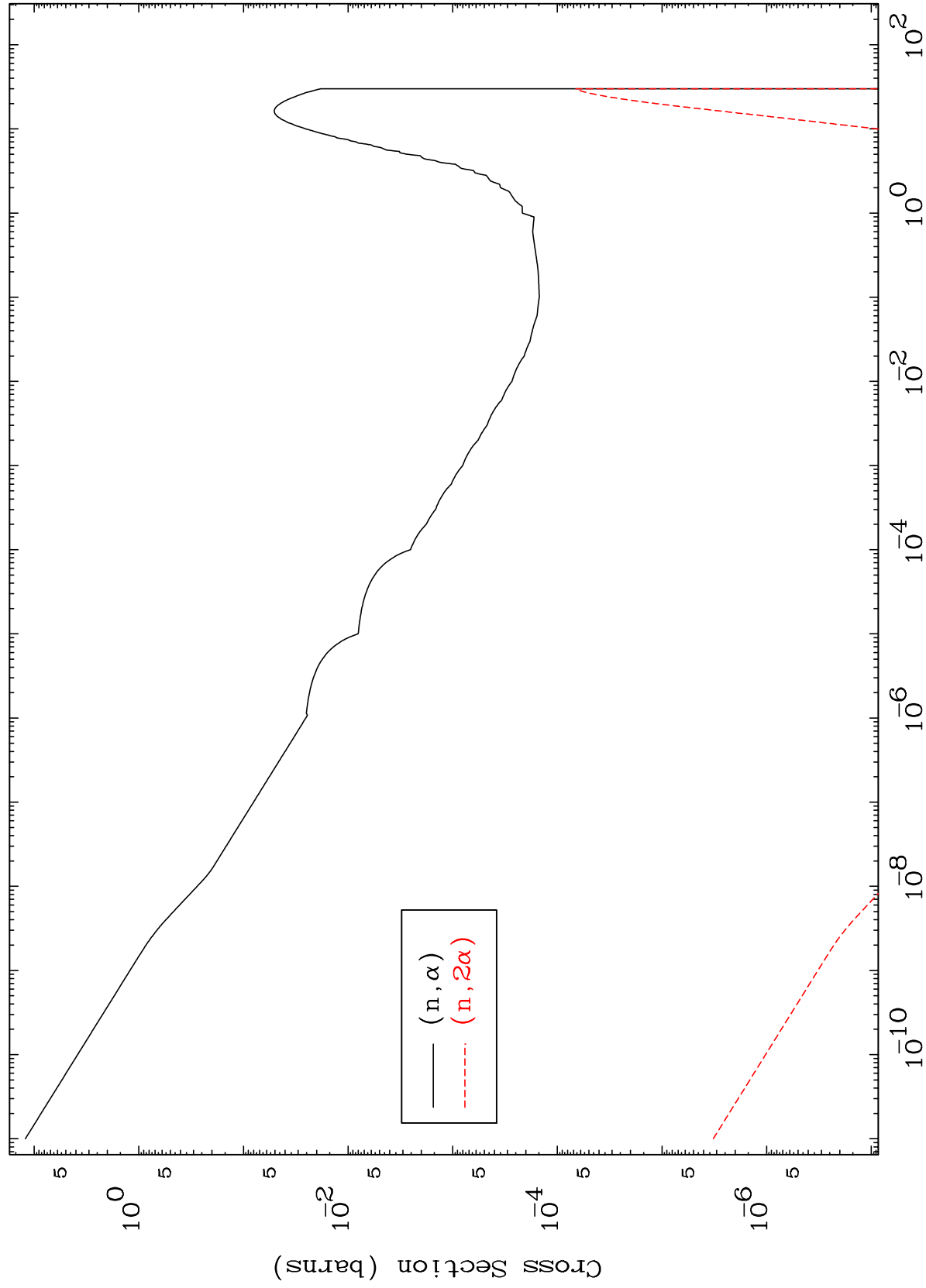
Incident Energy (MeV)

87-Fr-204

MAT 8701

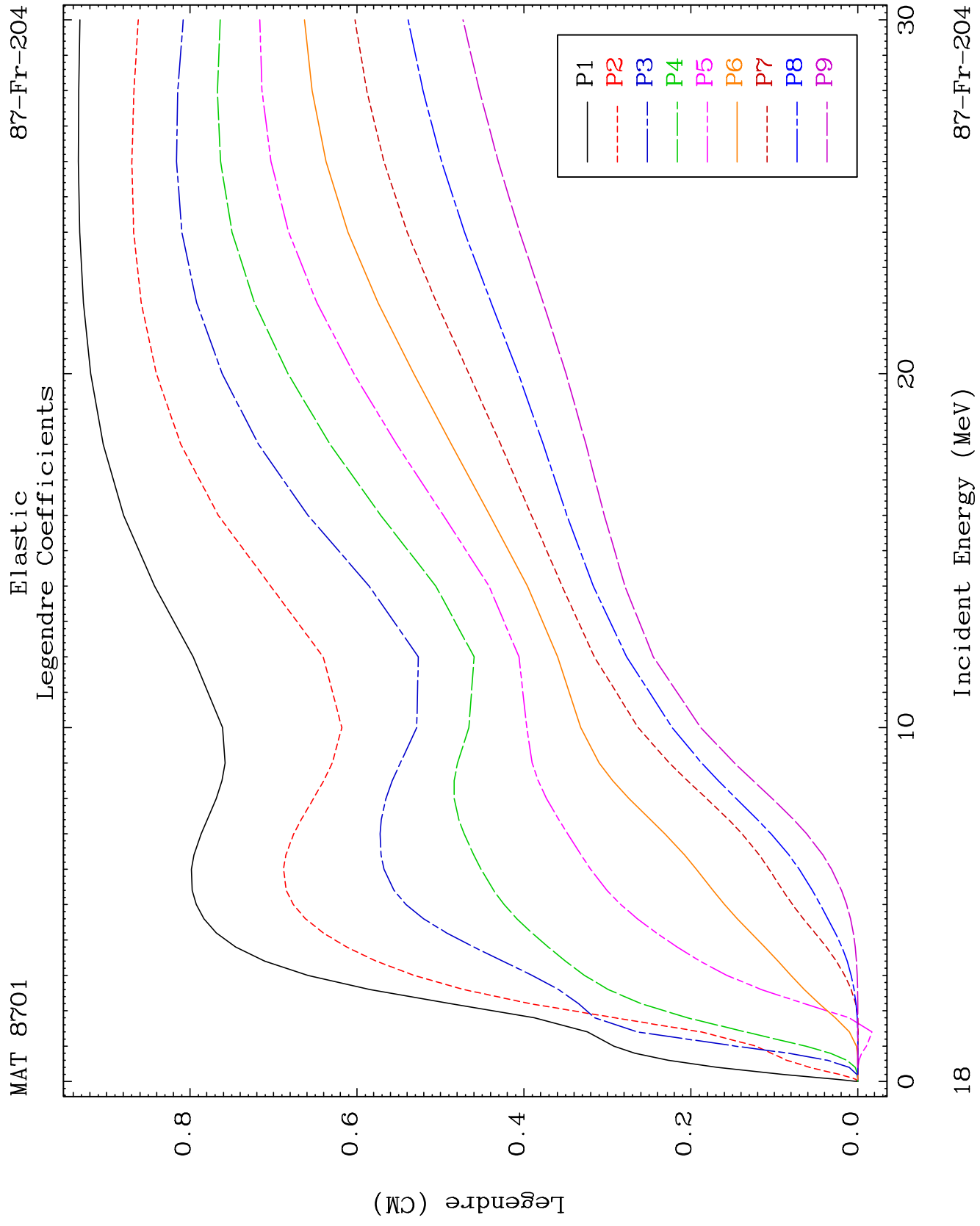
(n, α) Levels
293 Kelvin Cross Sections

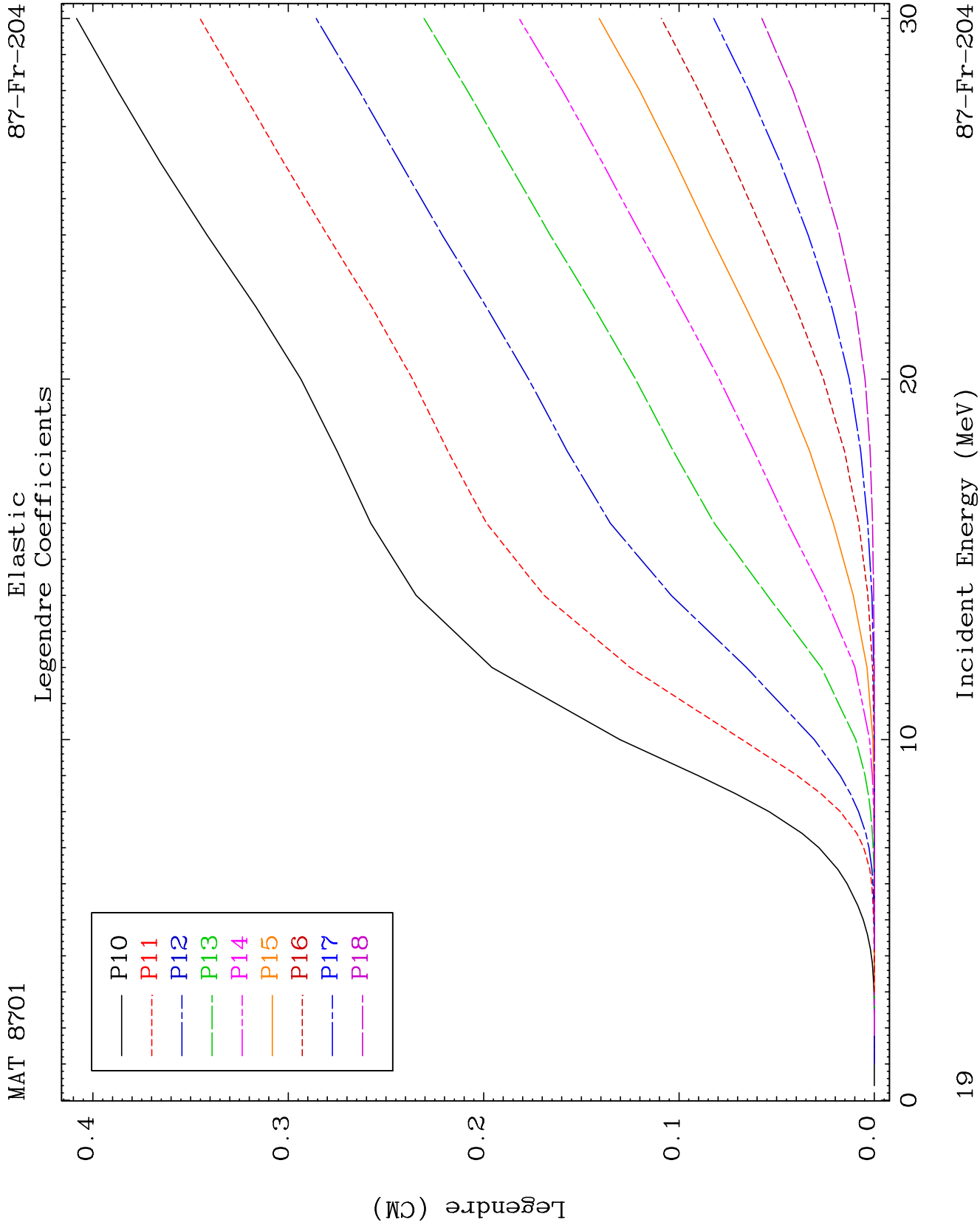
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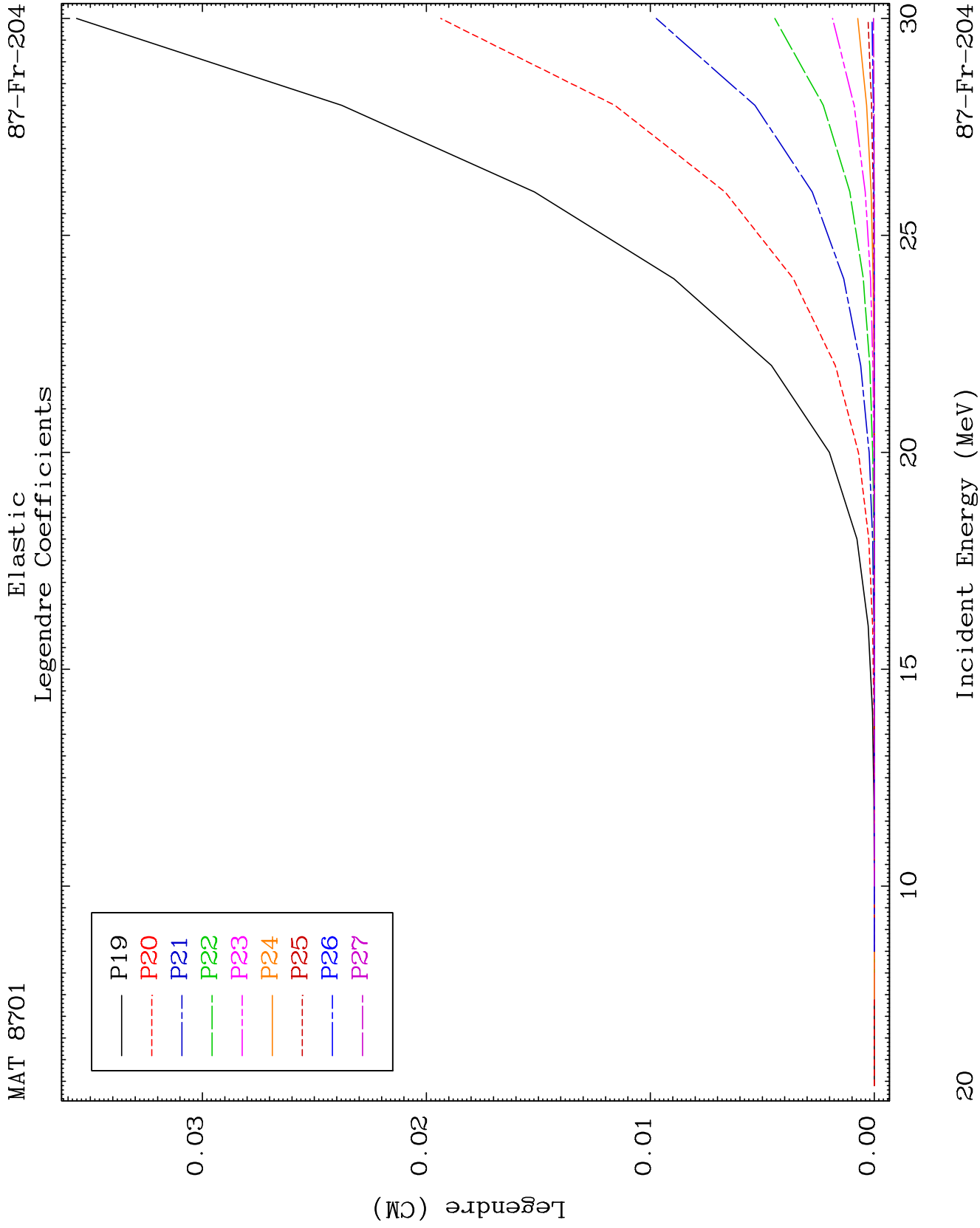


17

87-Fr-204



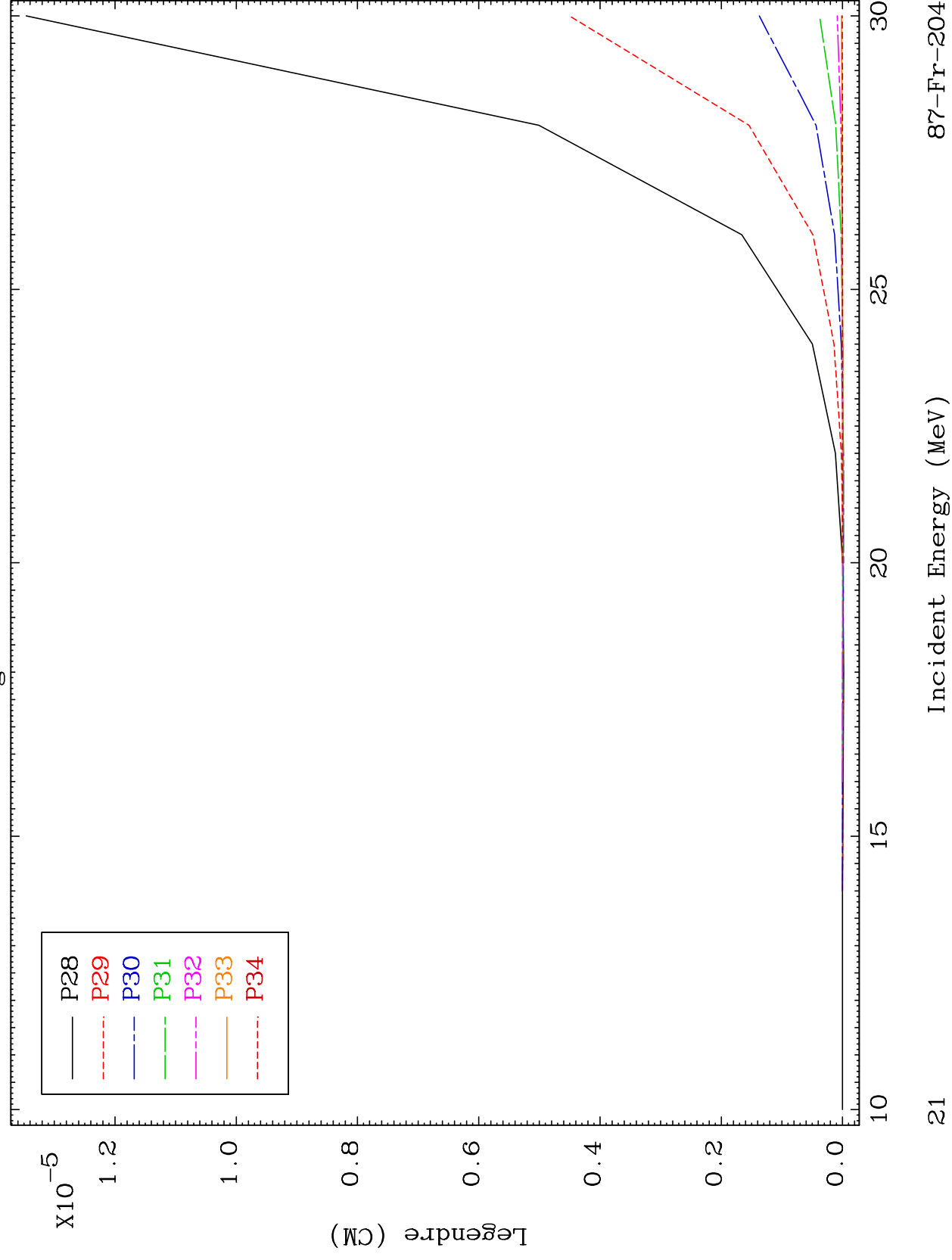


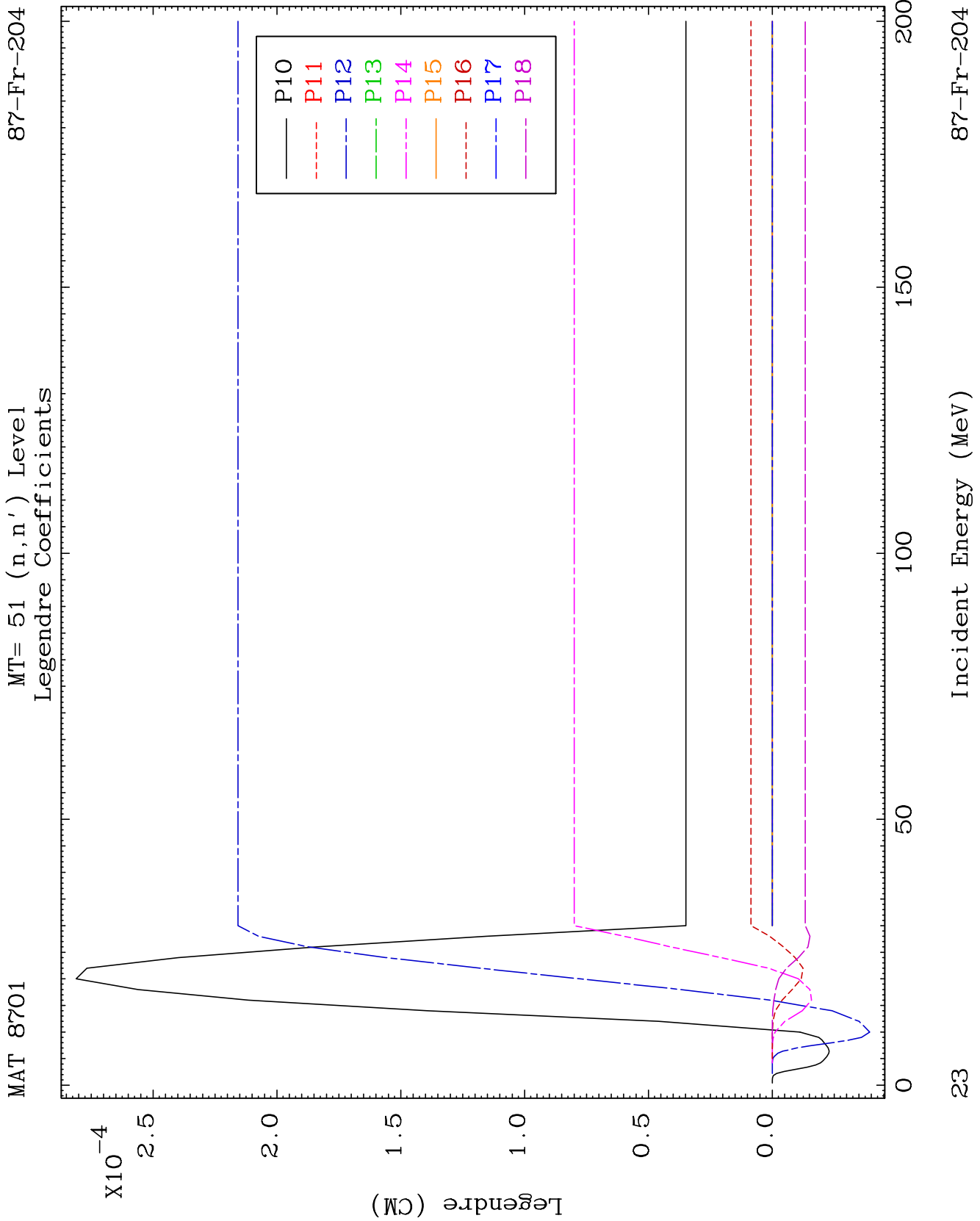


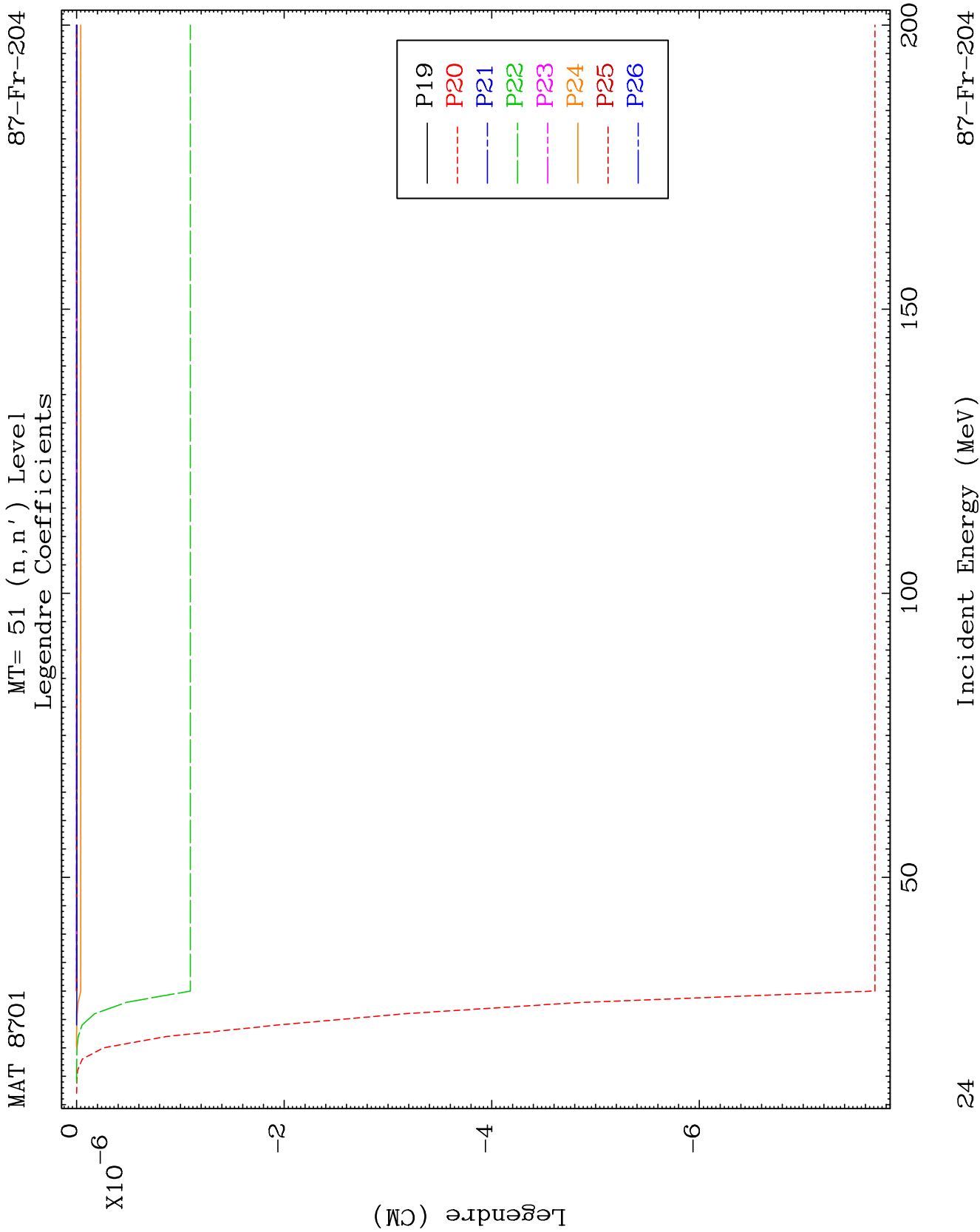
MAT 8701

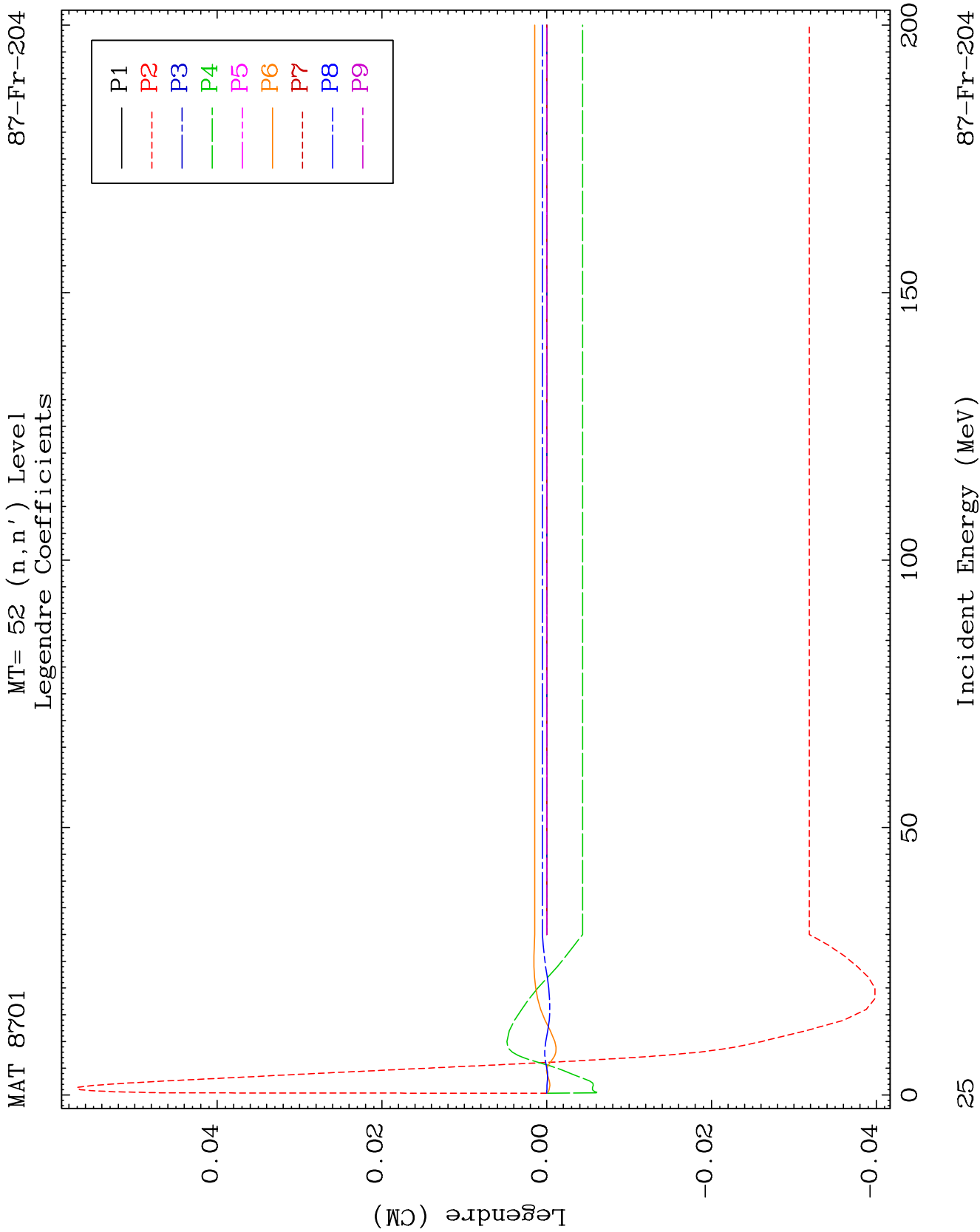
Elastic Legendre Coefficients

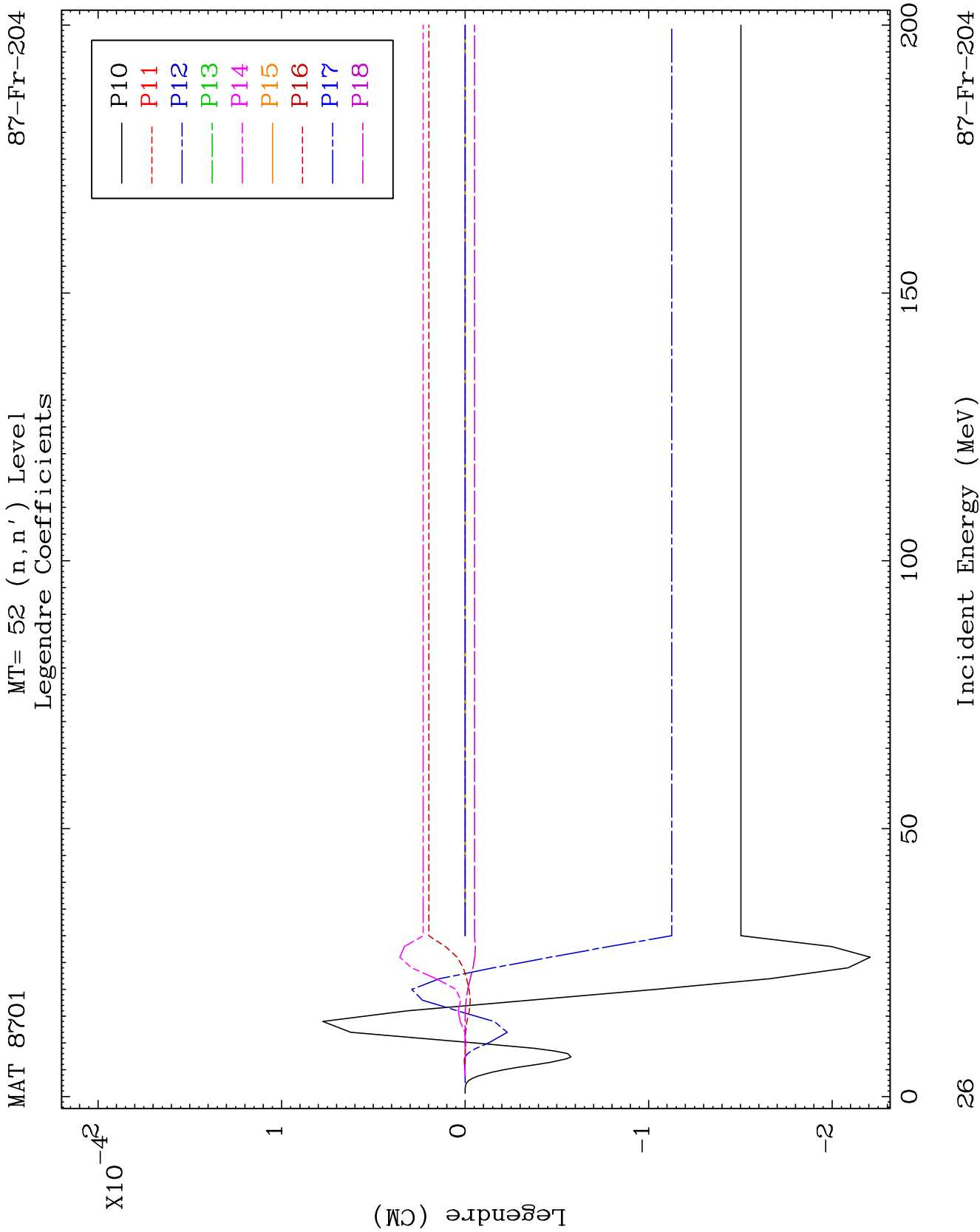
87-Fr-204

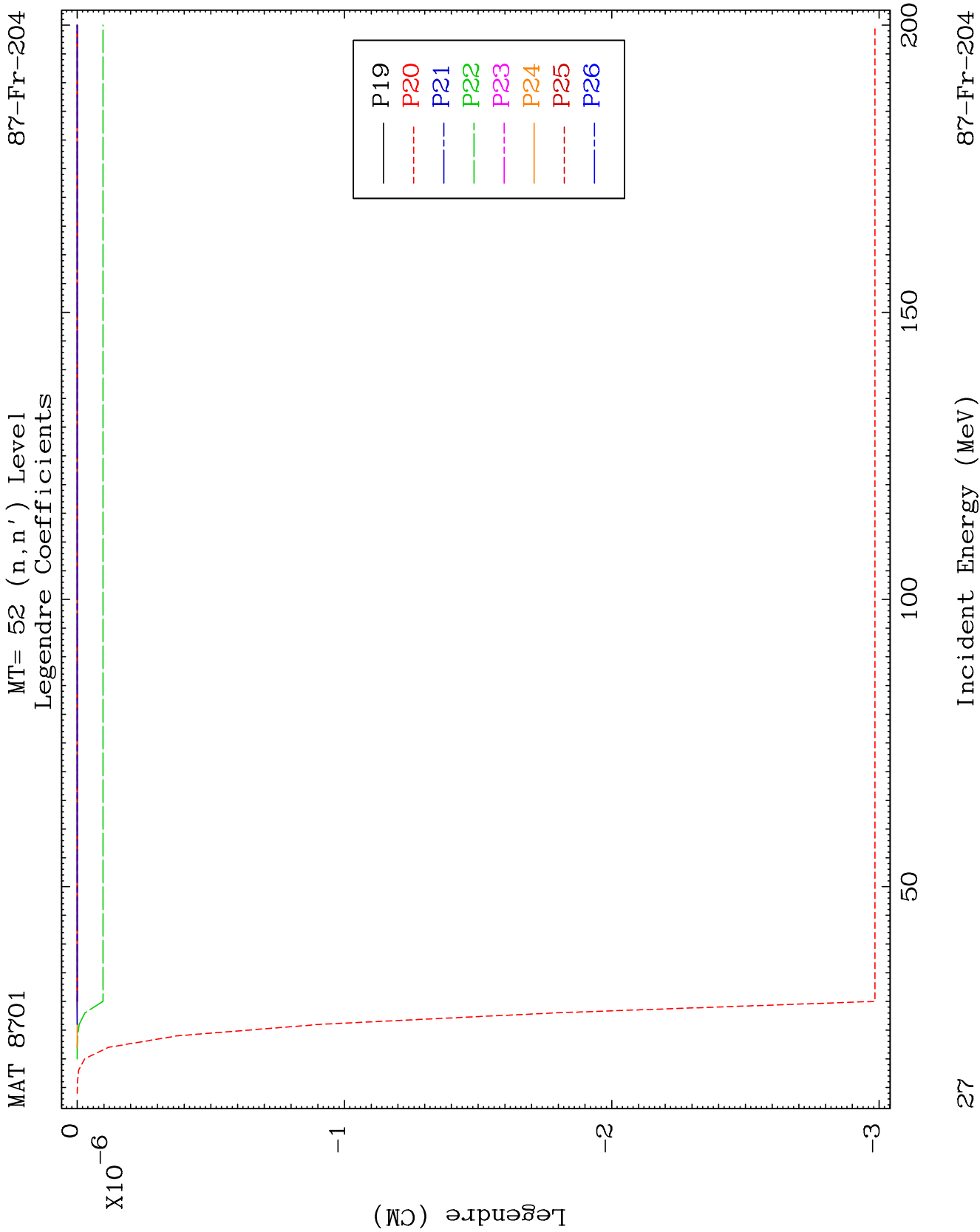








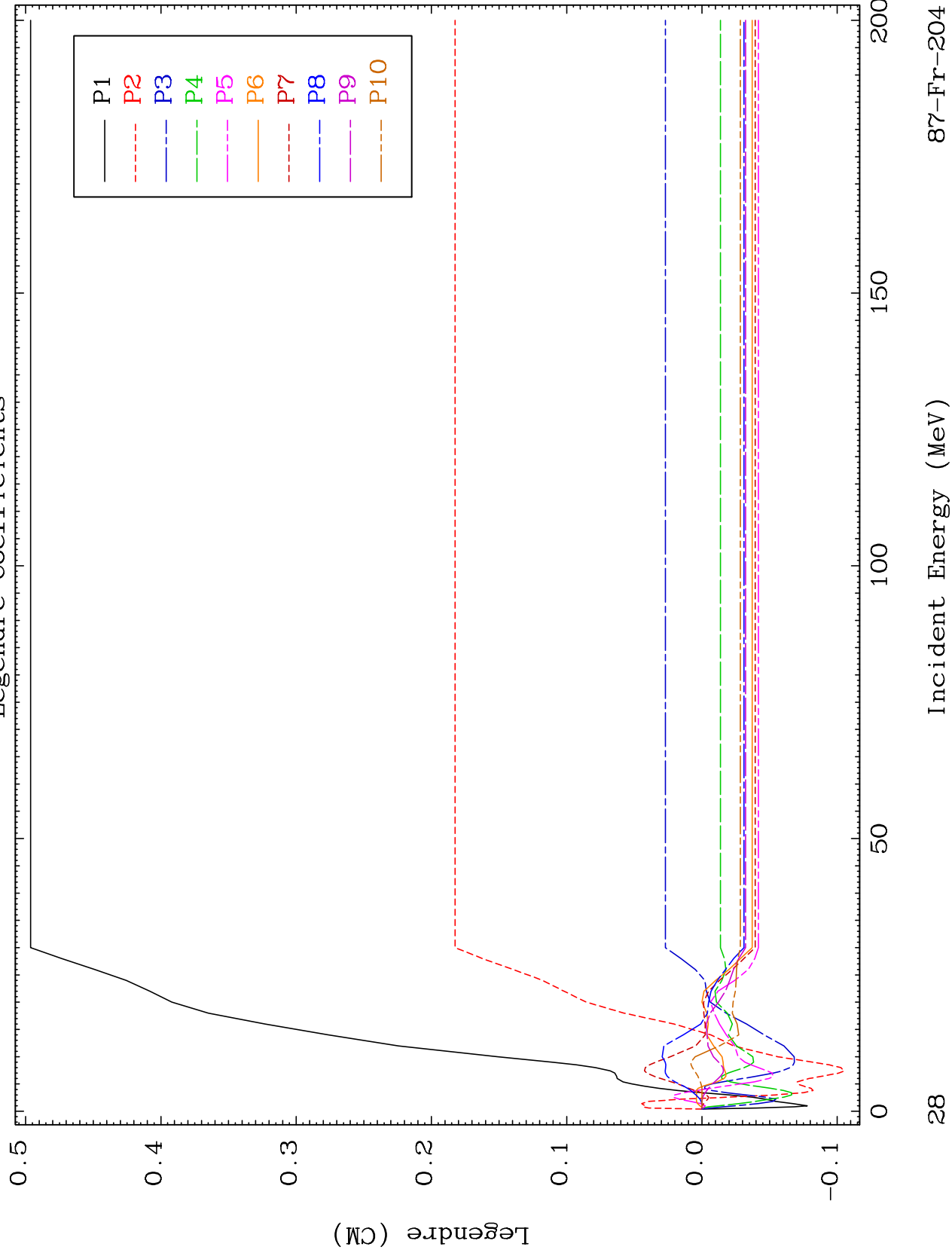




MAT 8701

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

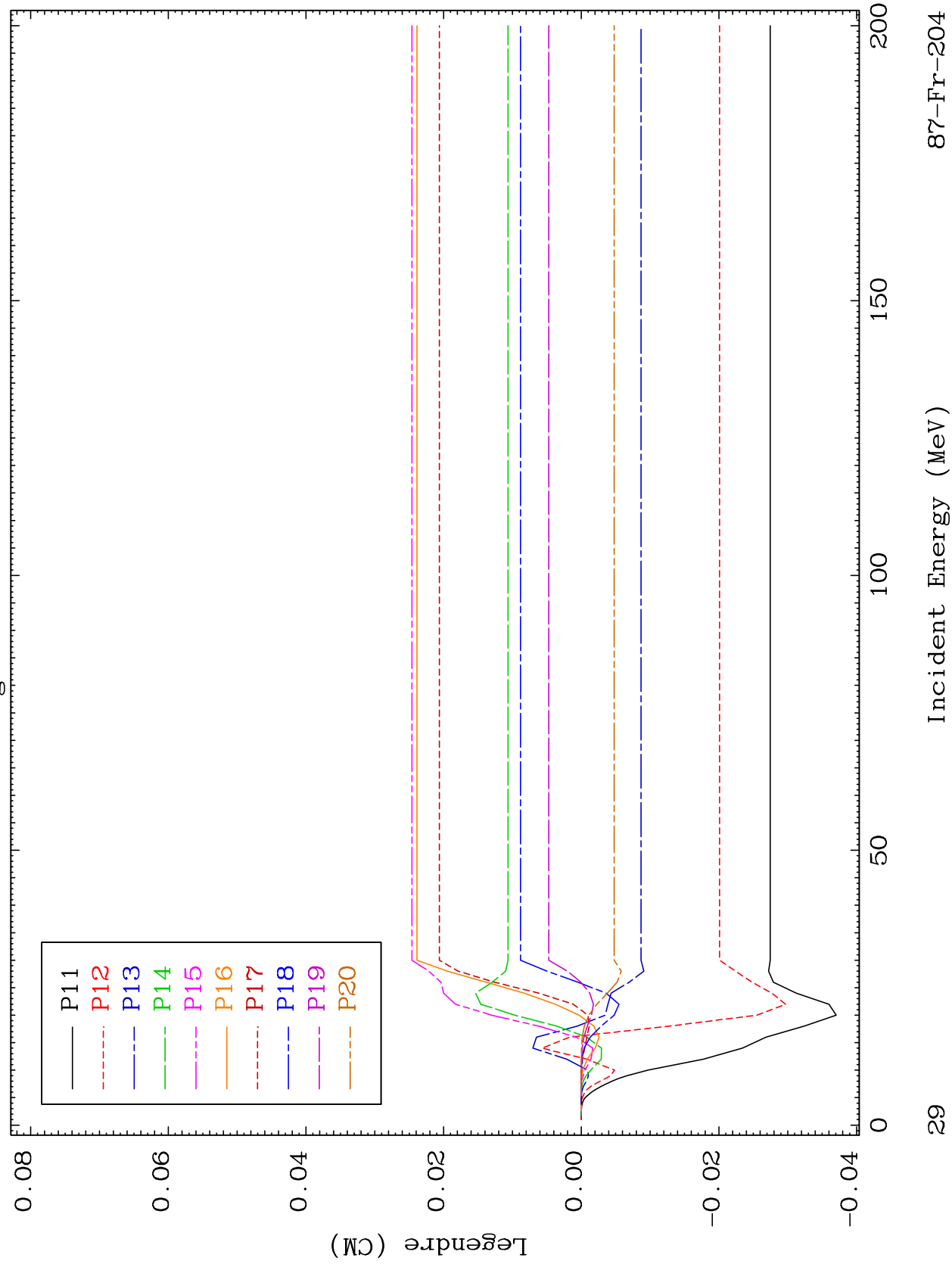
87-Fr-204

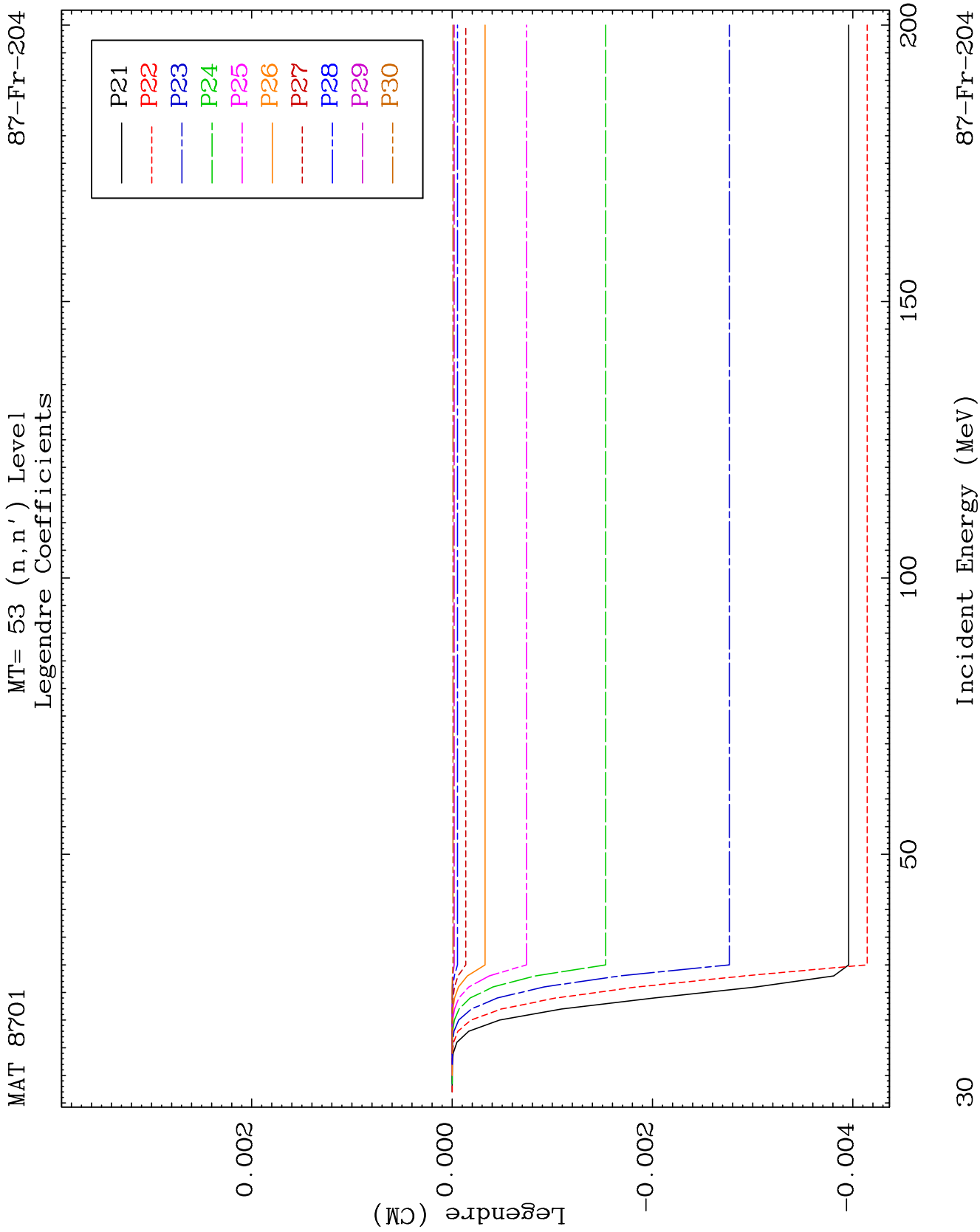


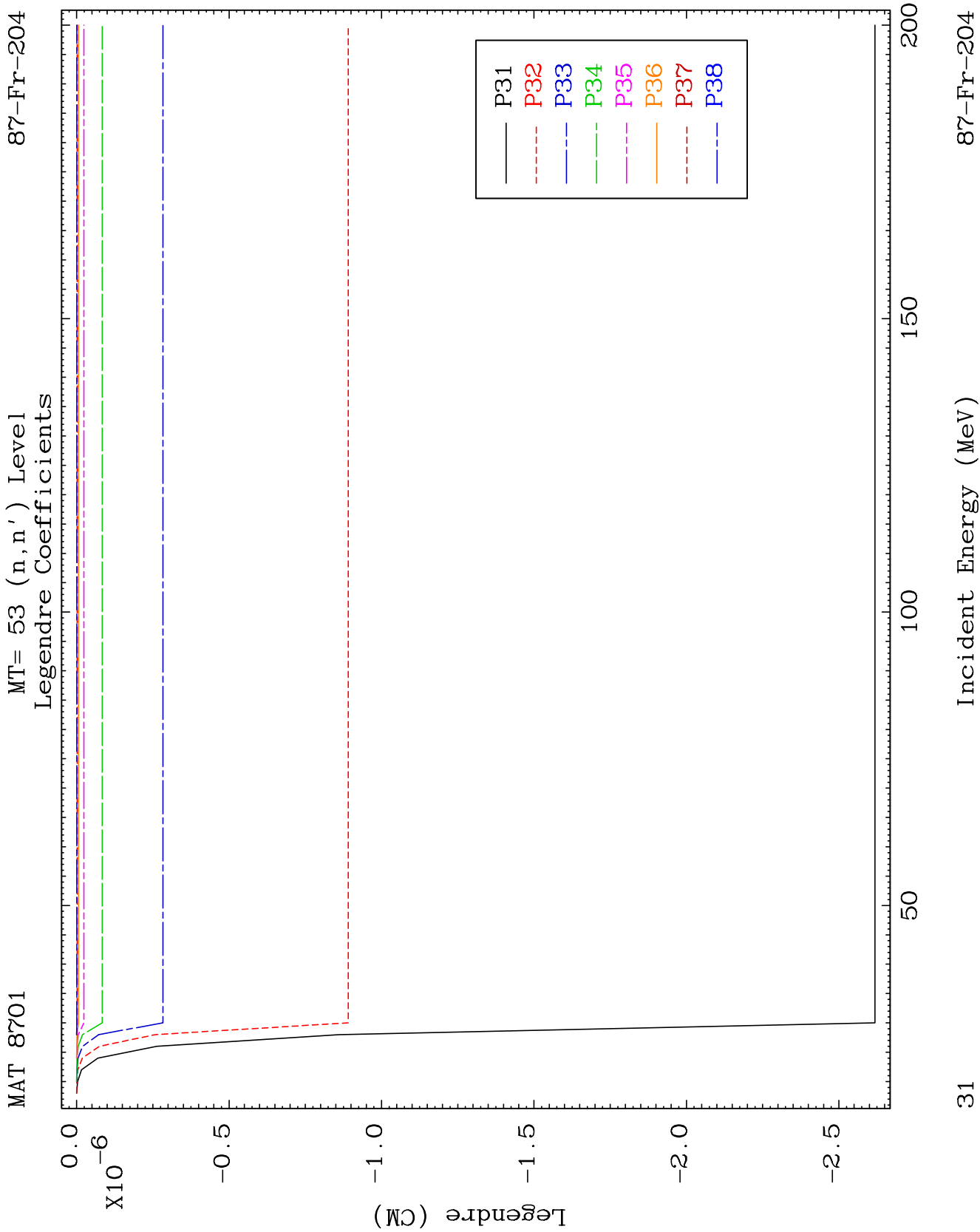
MAT 8701

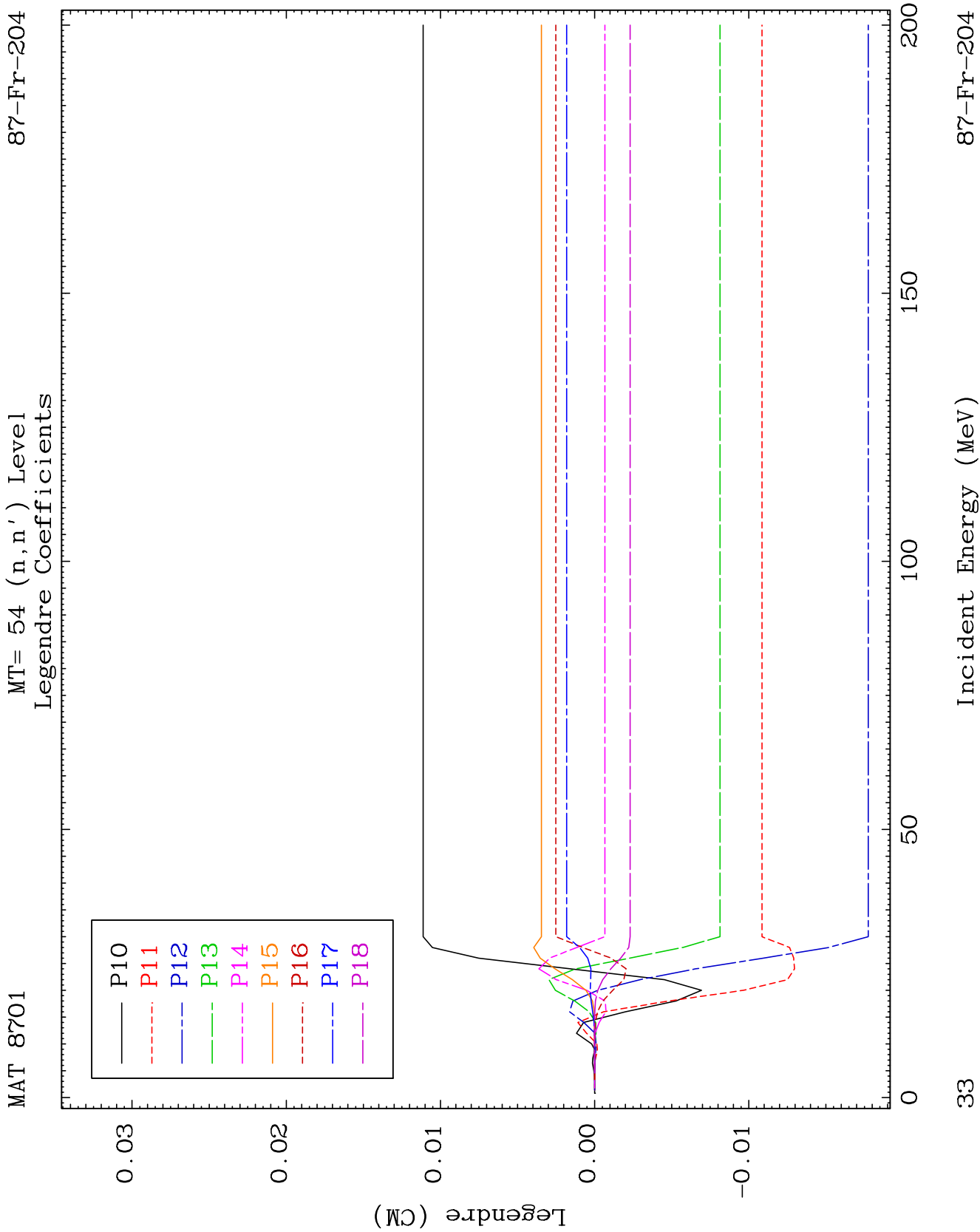
MT= 53 (n, n') Level
Legendre Coefficients

87-Fr-204





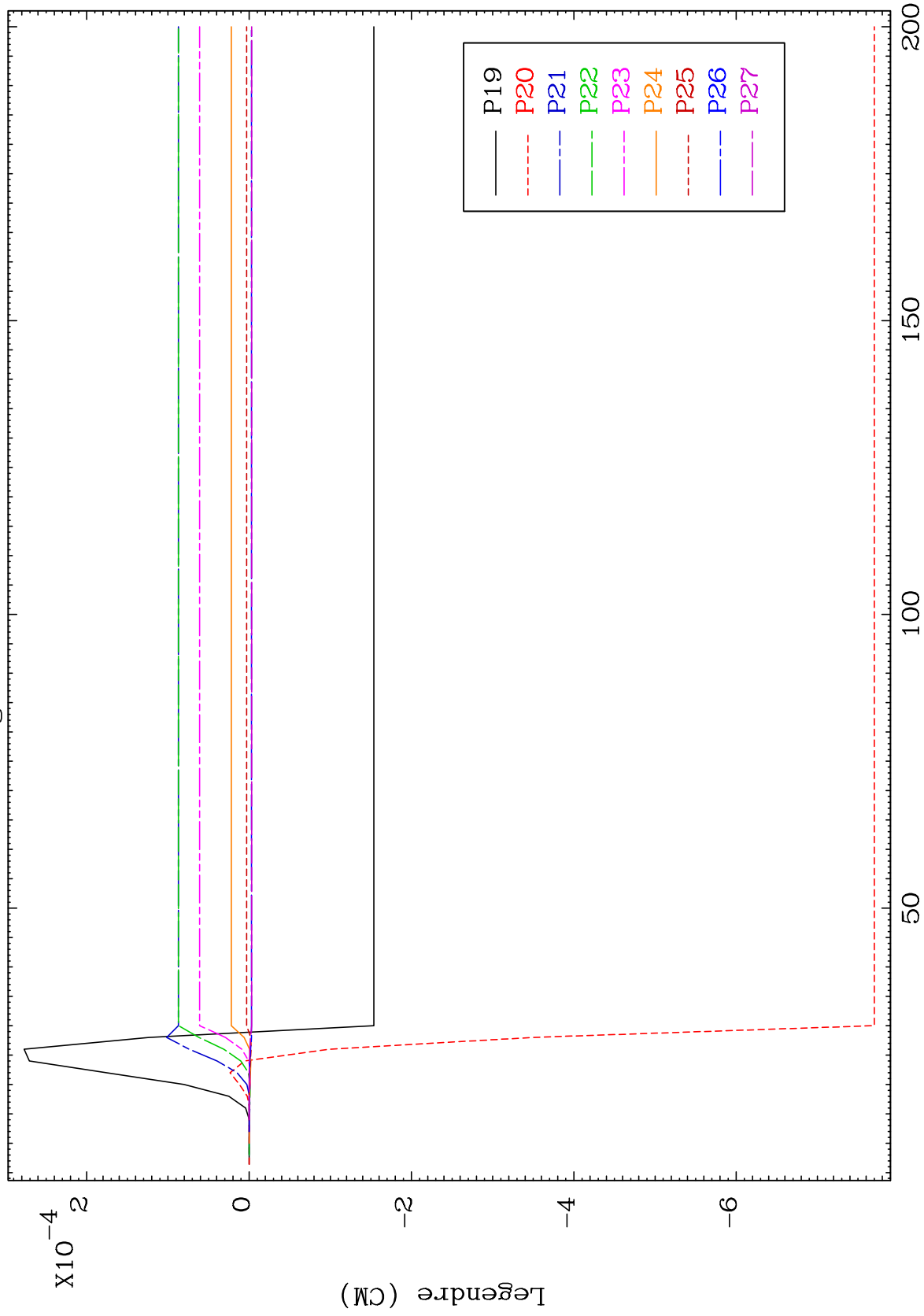




MAT 8701

87-Fr-204

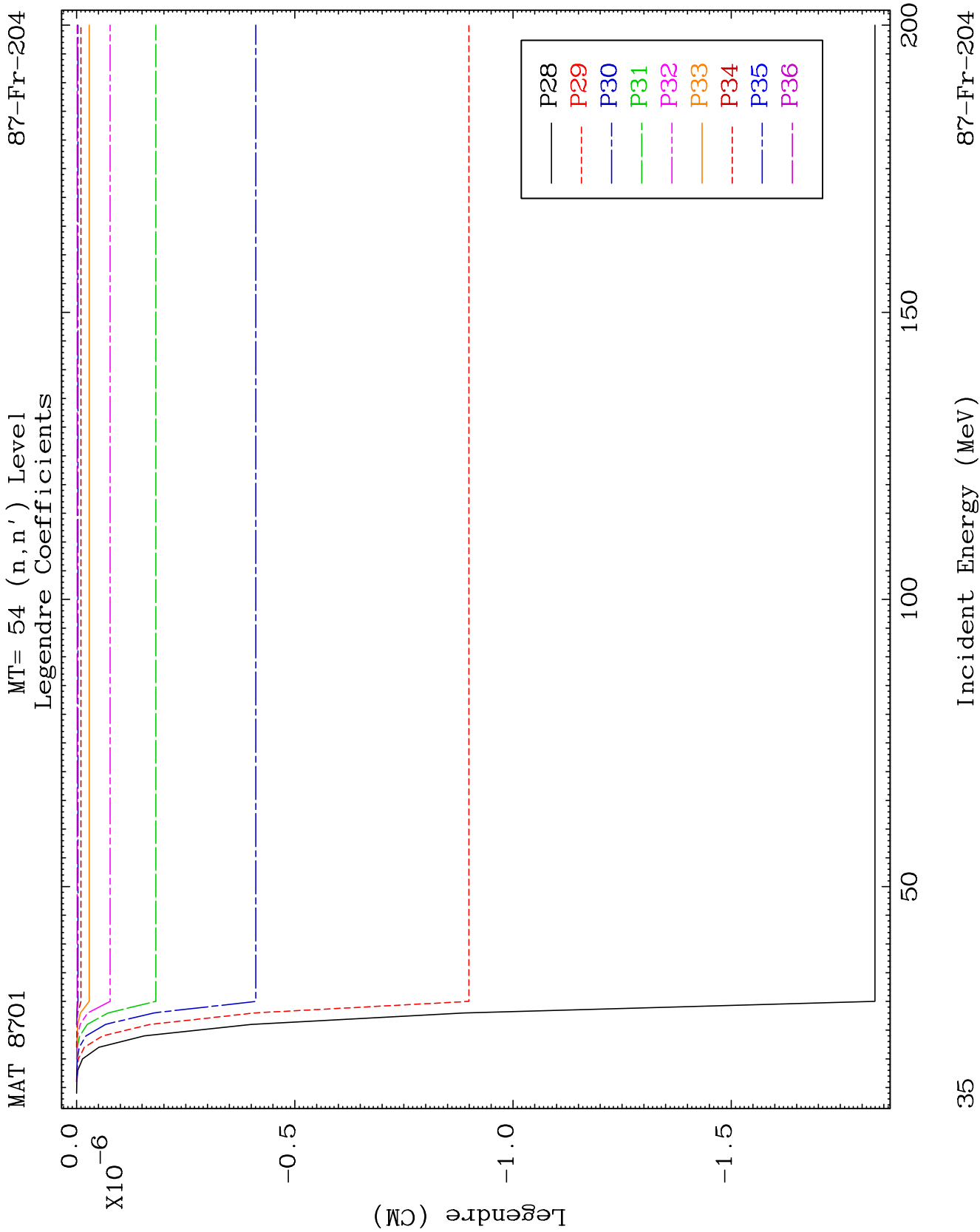
MT= 54 (n,n') Level
Legendre Coefficients



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Incident Energy (MeV)

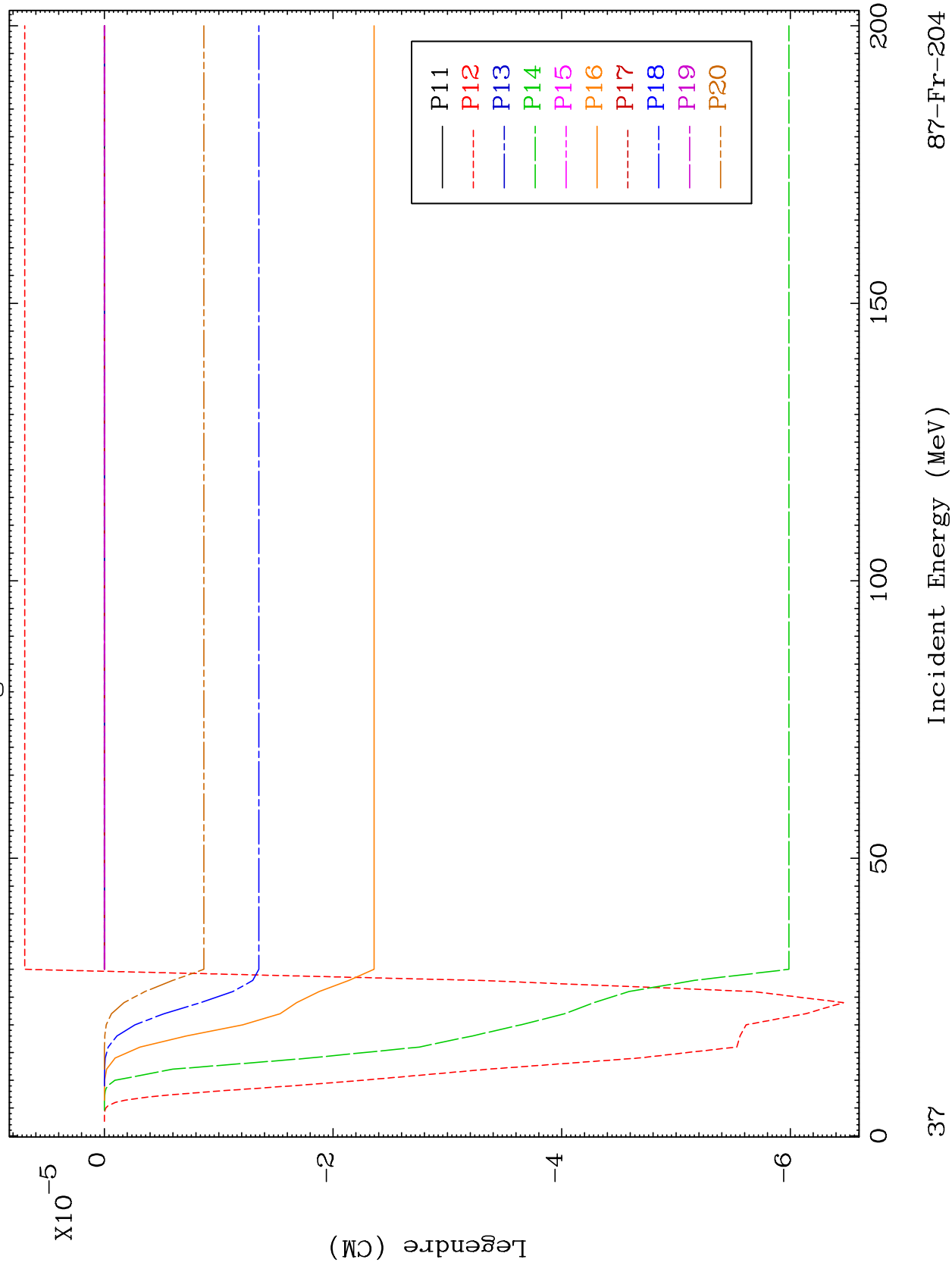
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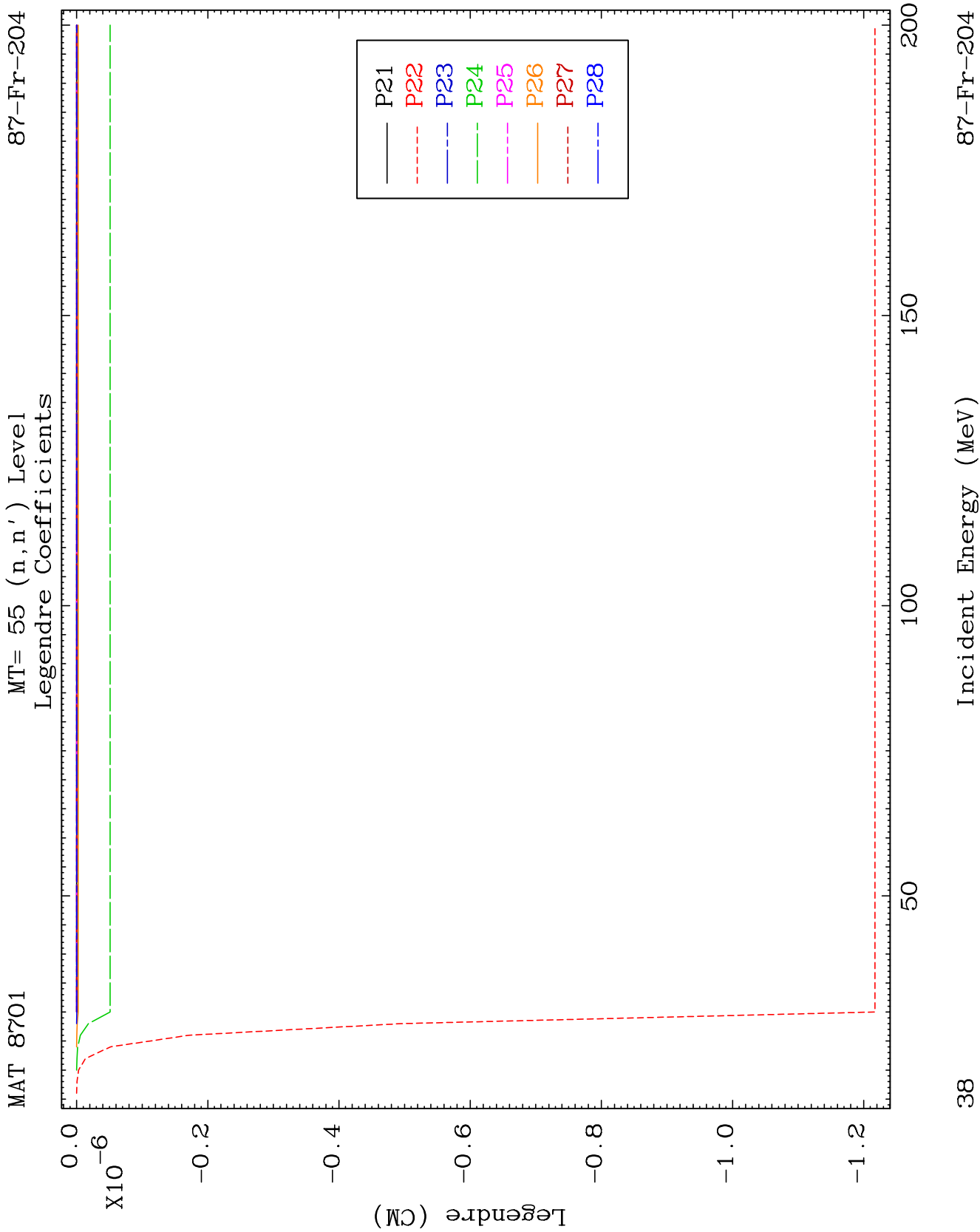


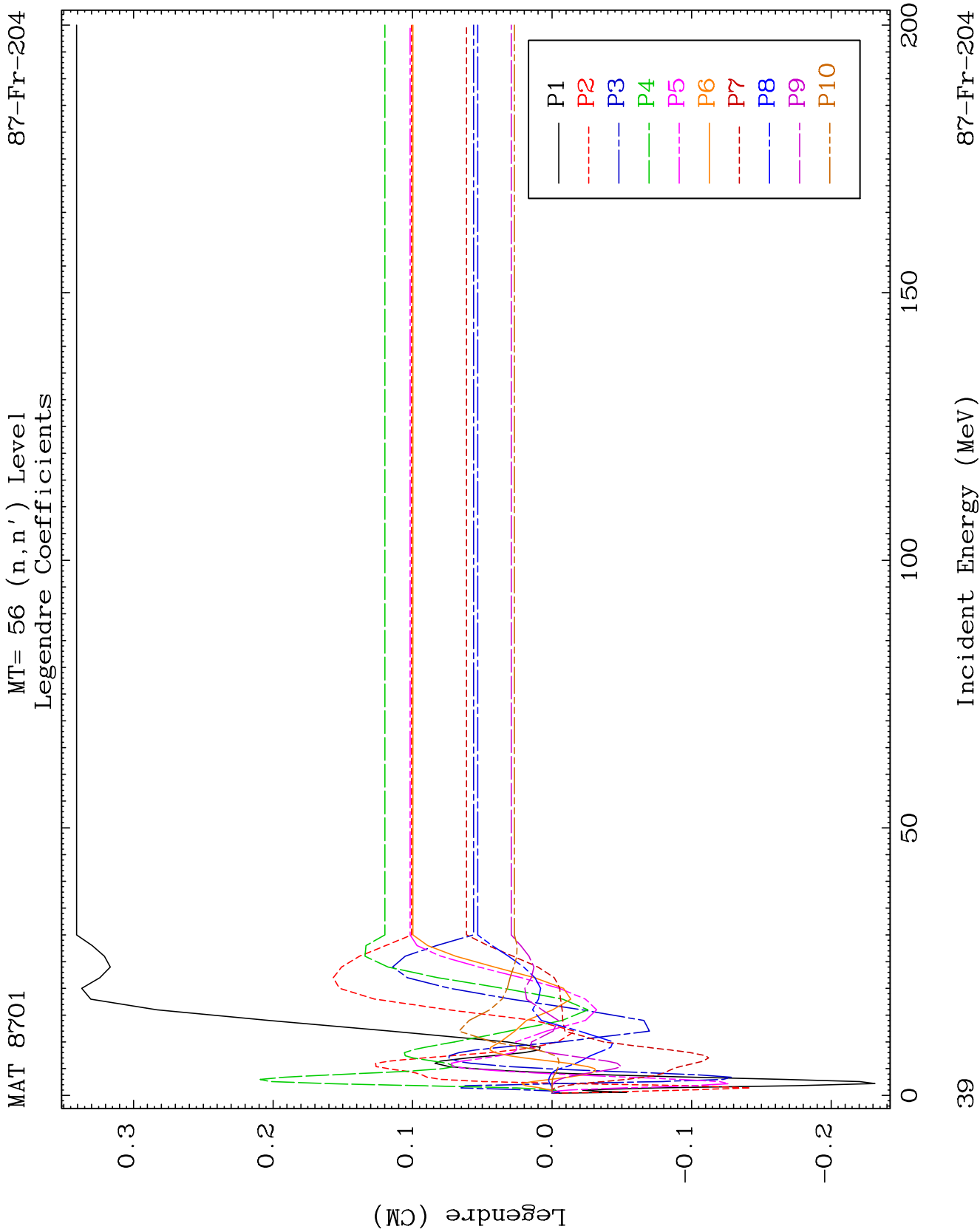
MAT 8701

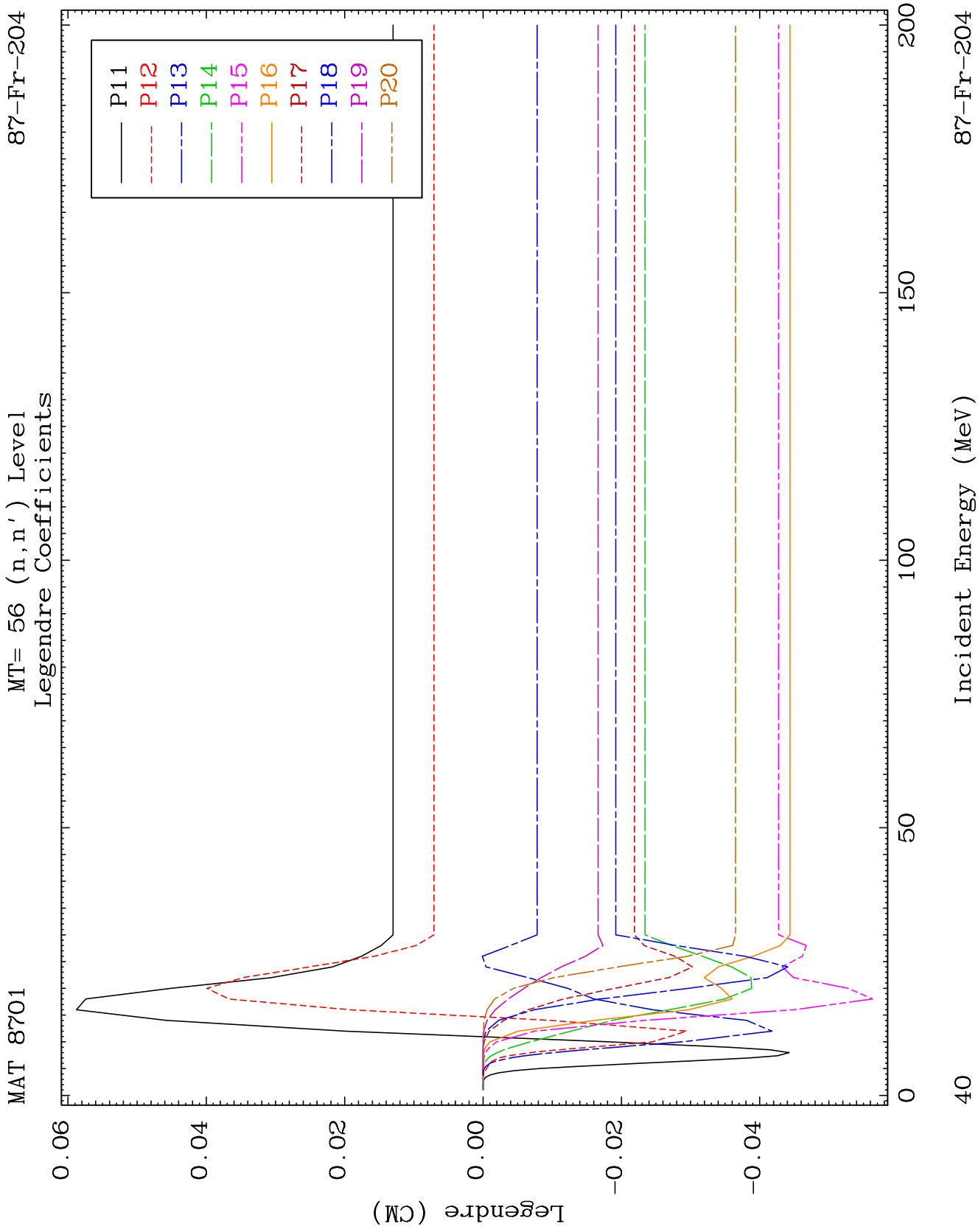
MT= 55 (n, n') Level
Legendre Coefficients

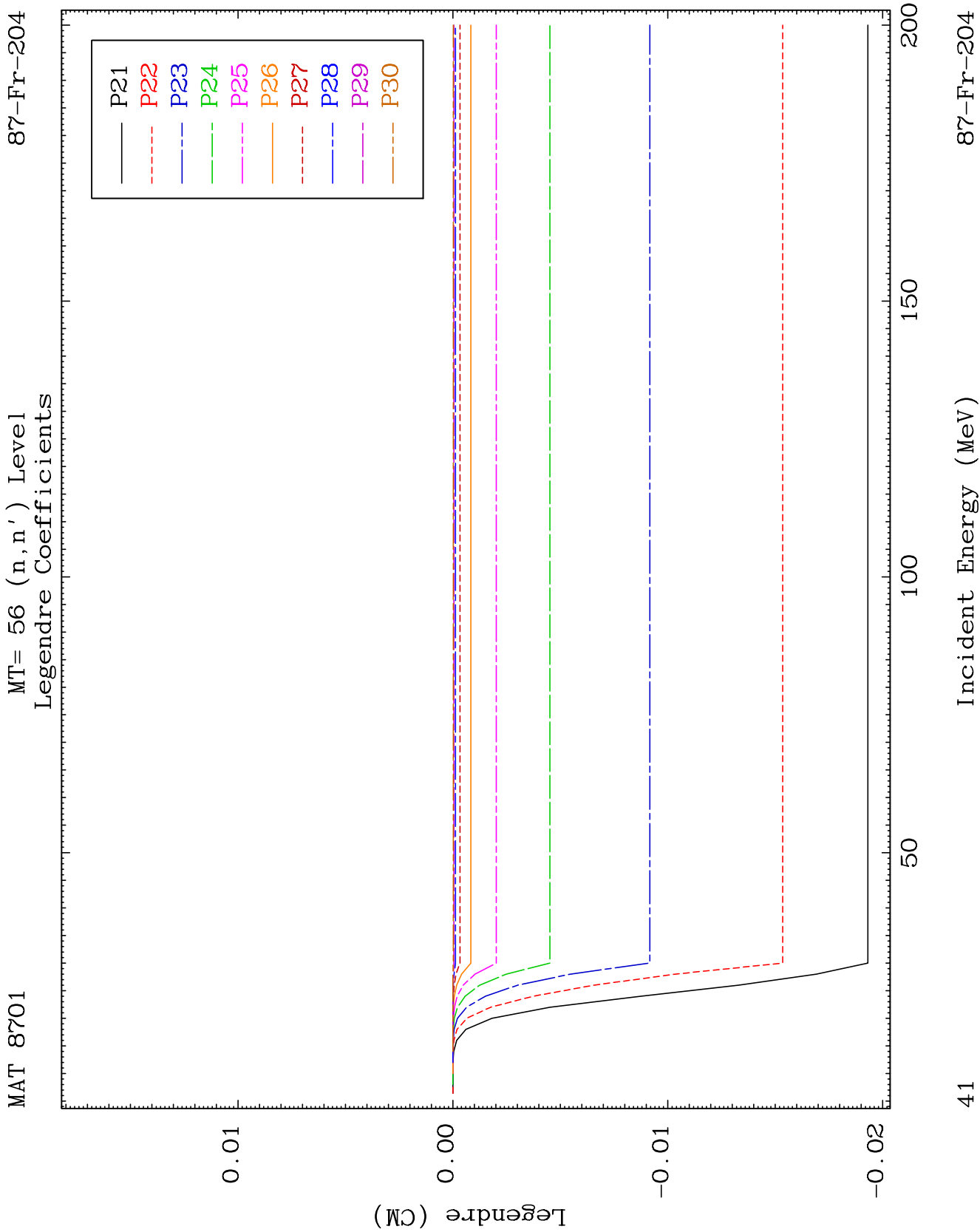
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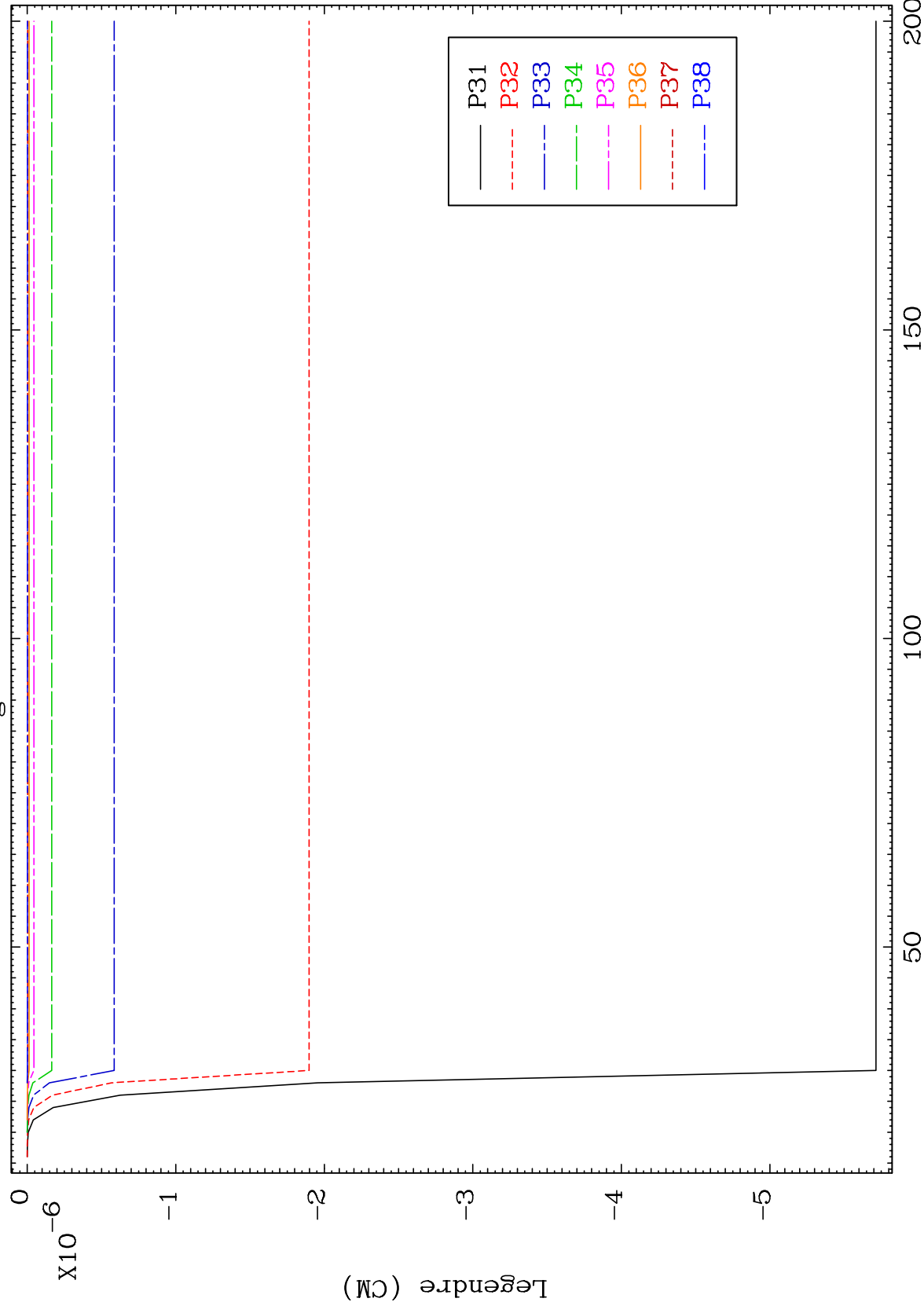




MAT 8701

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

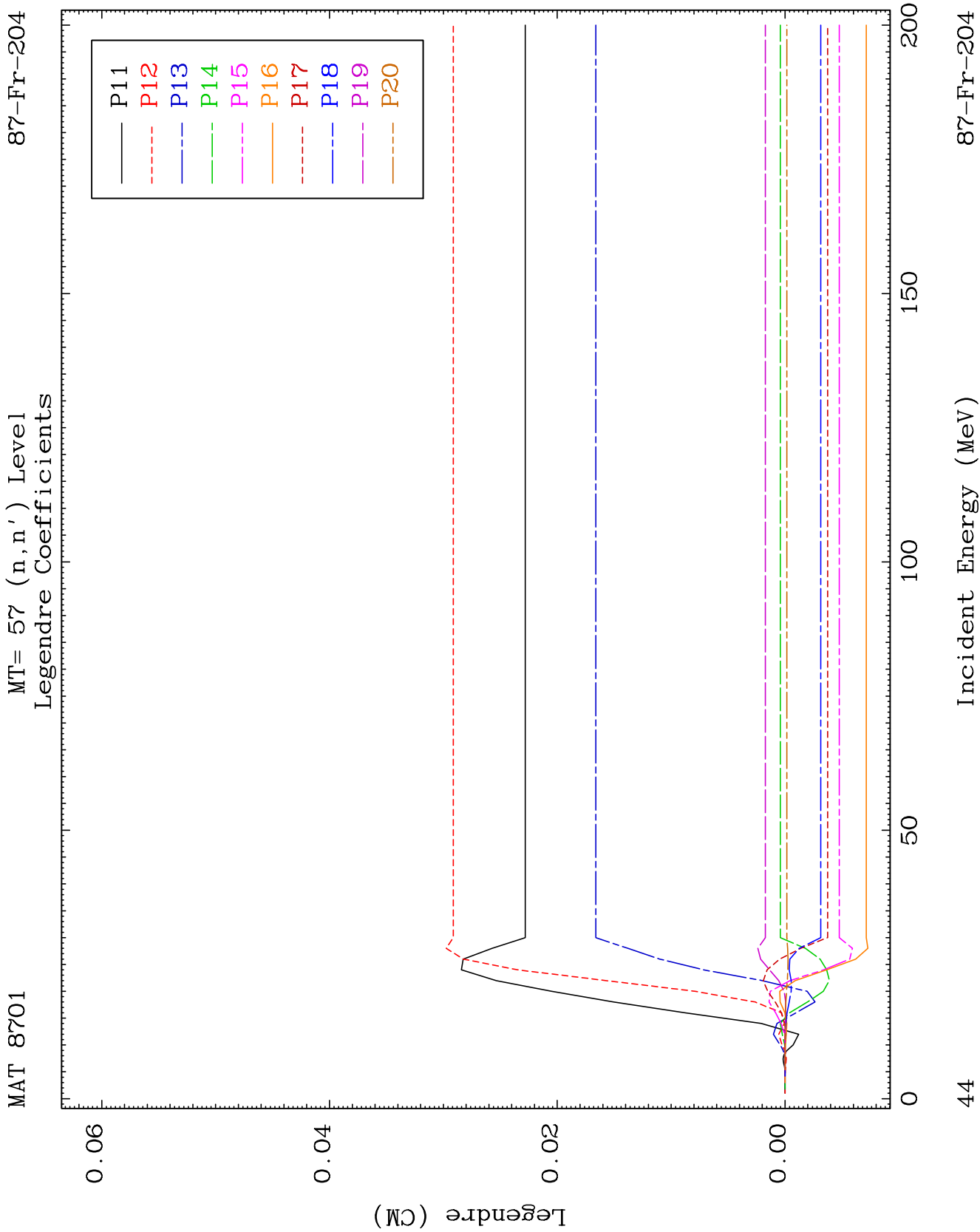
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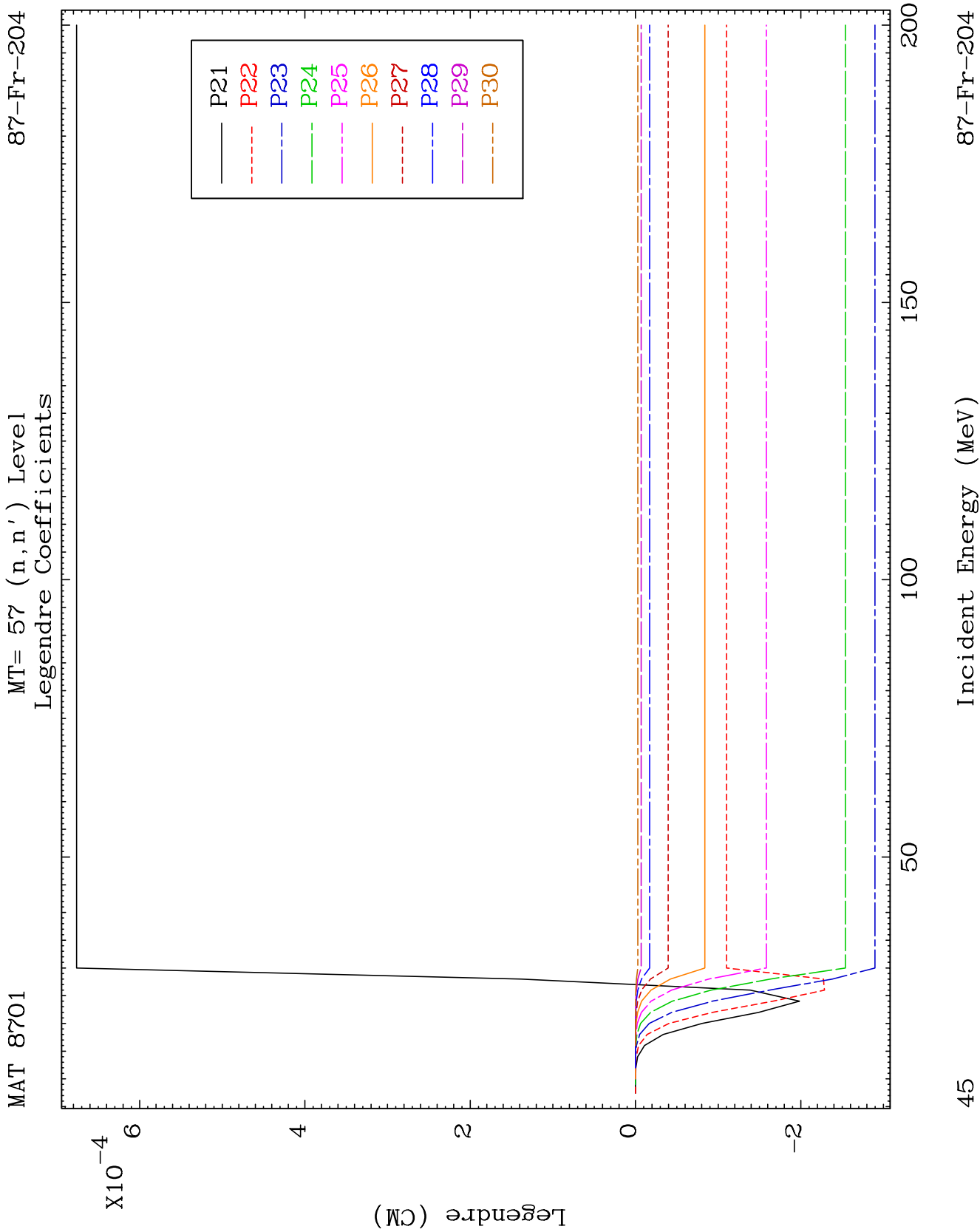


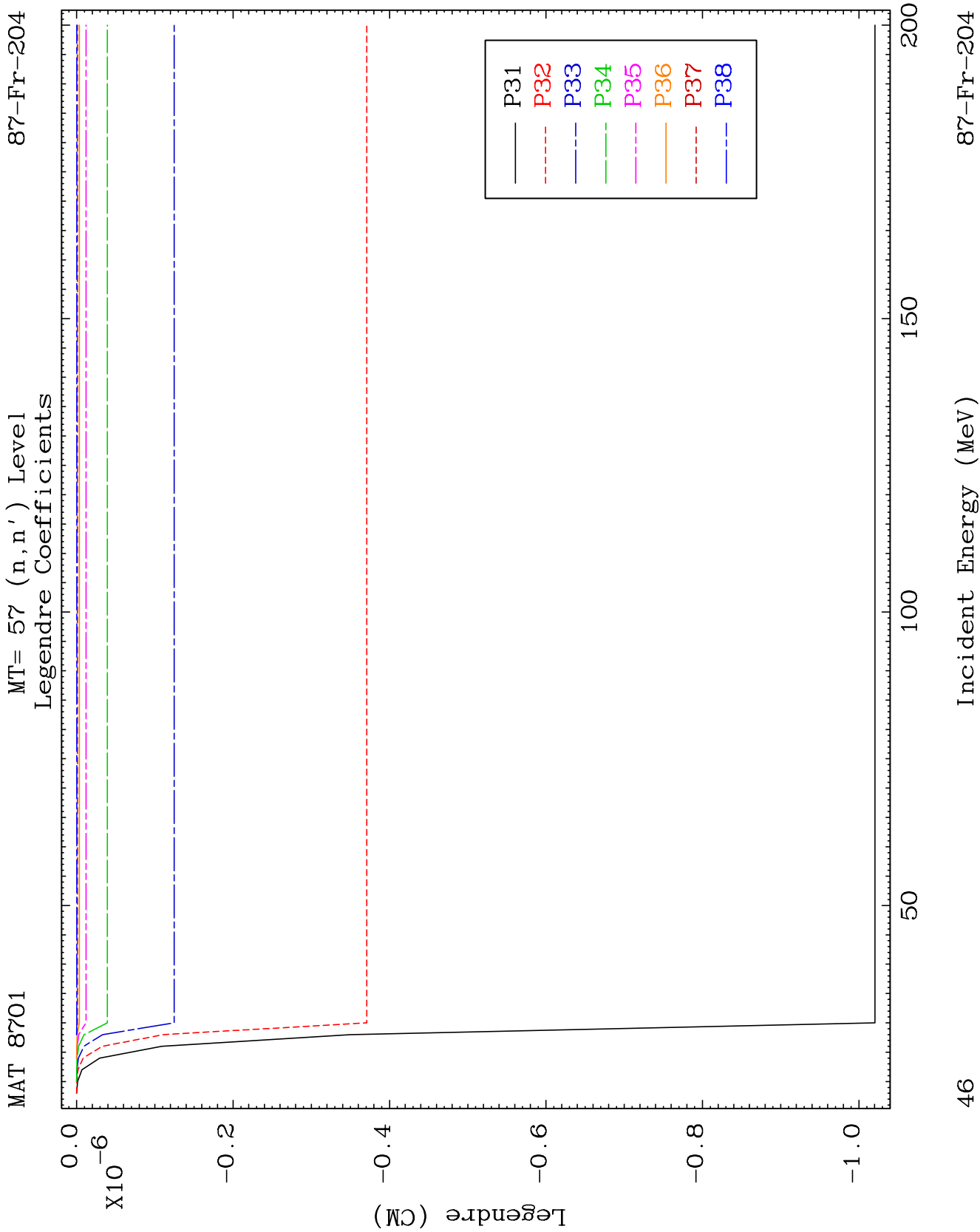
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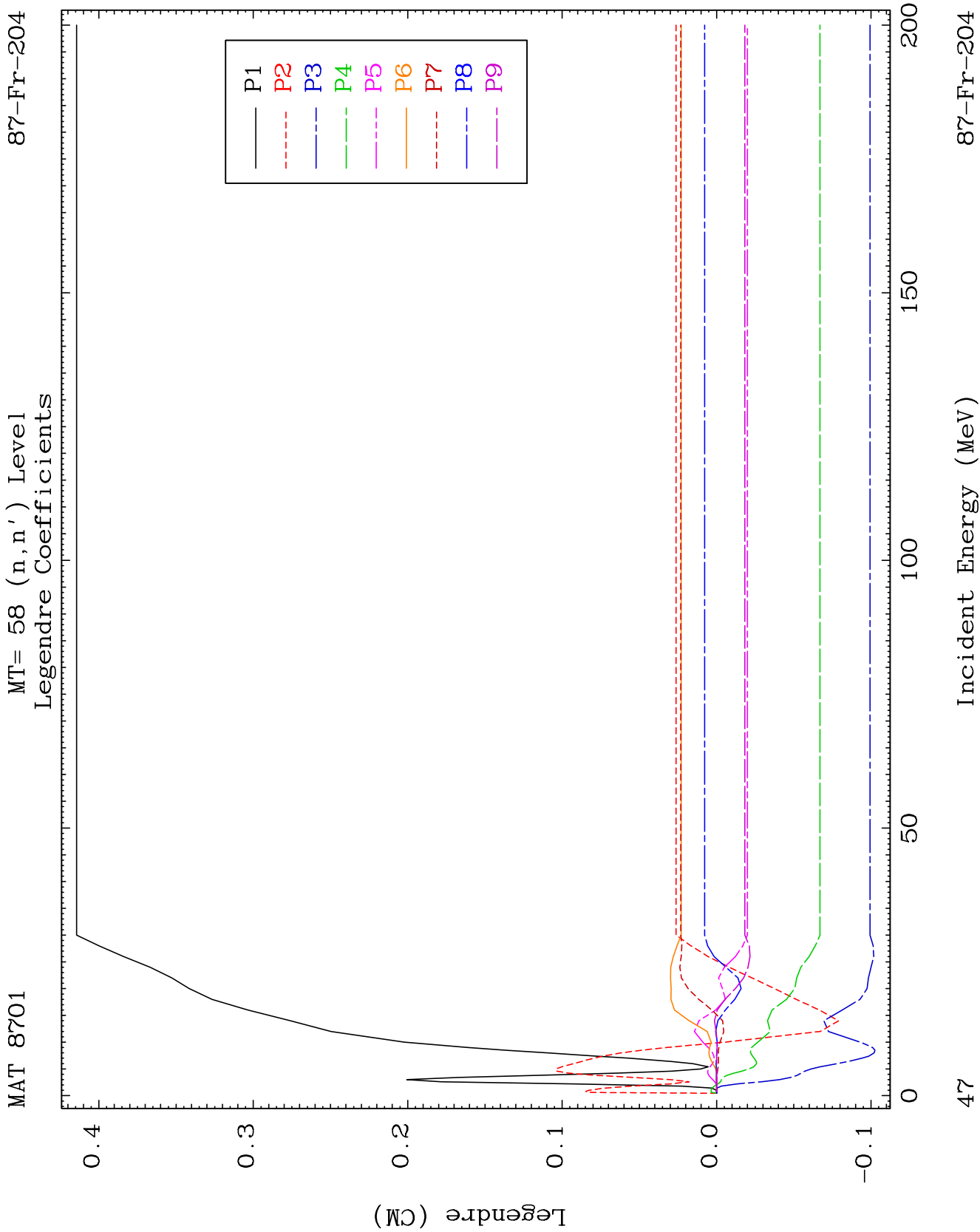
Incident Energy (MeV)

87-Fr-204





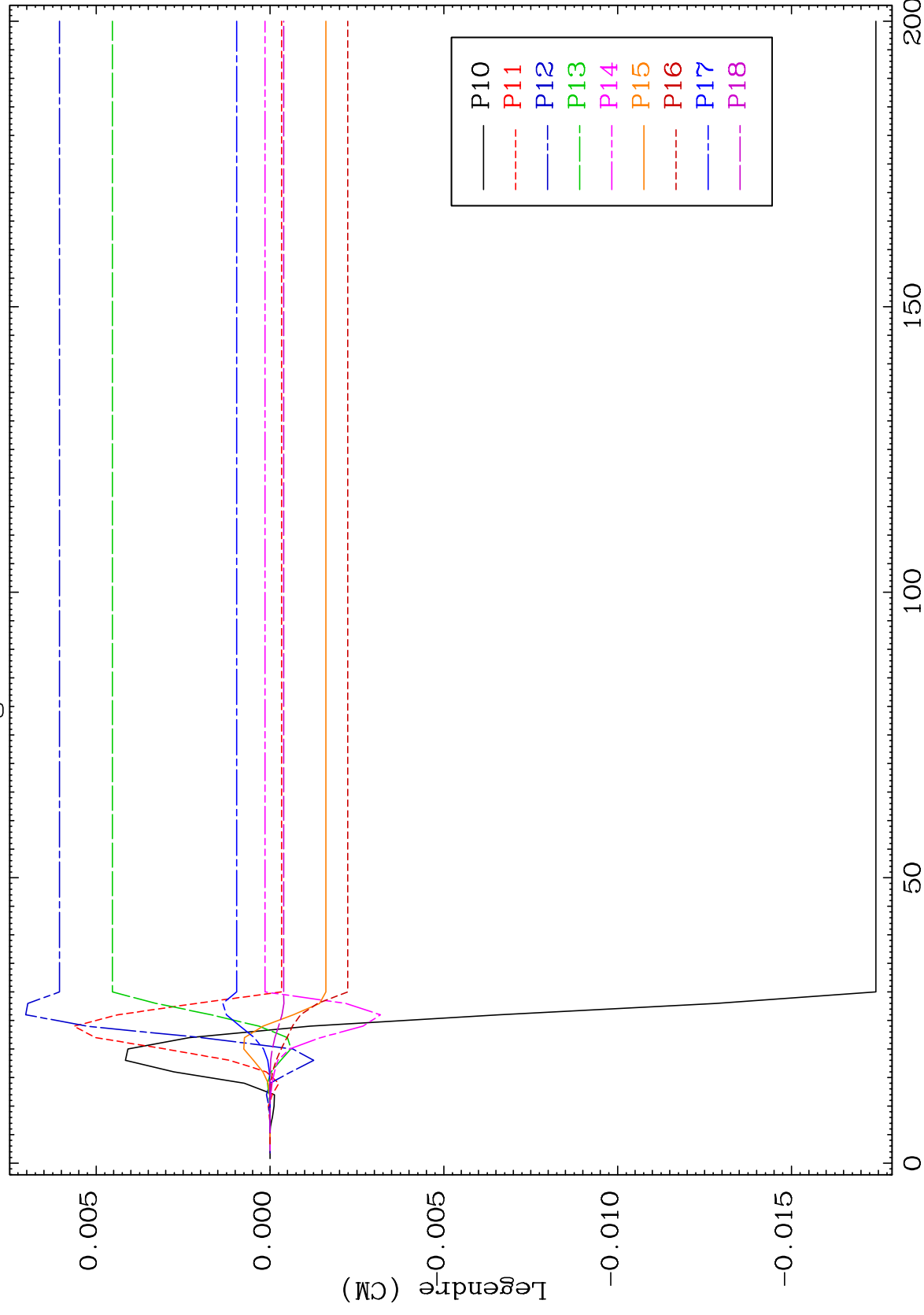




MAT 8701

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

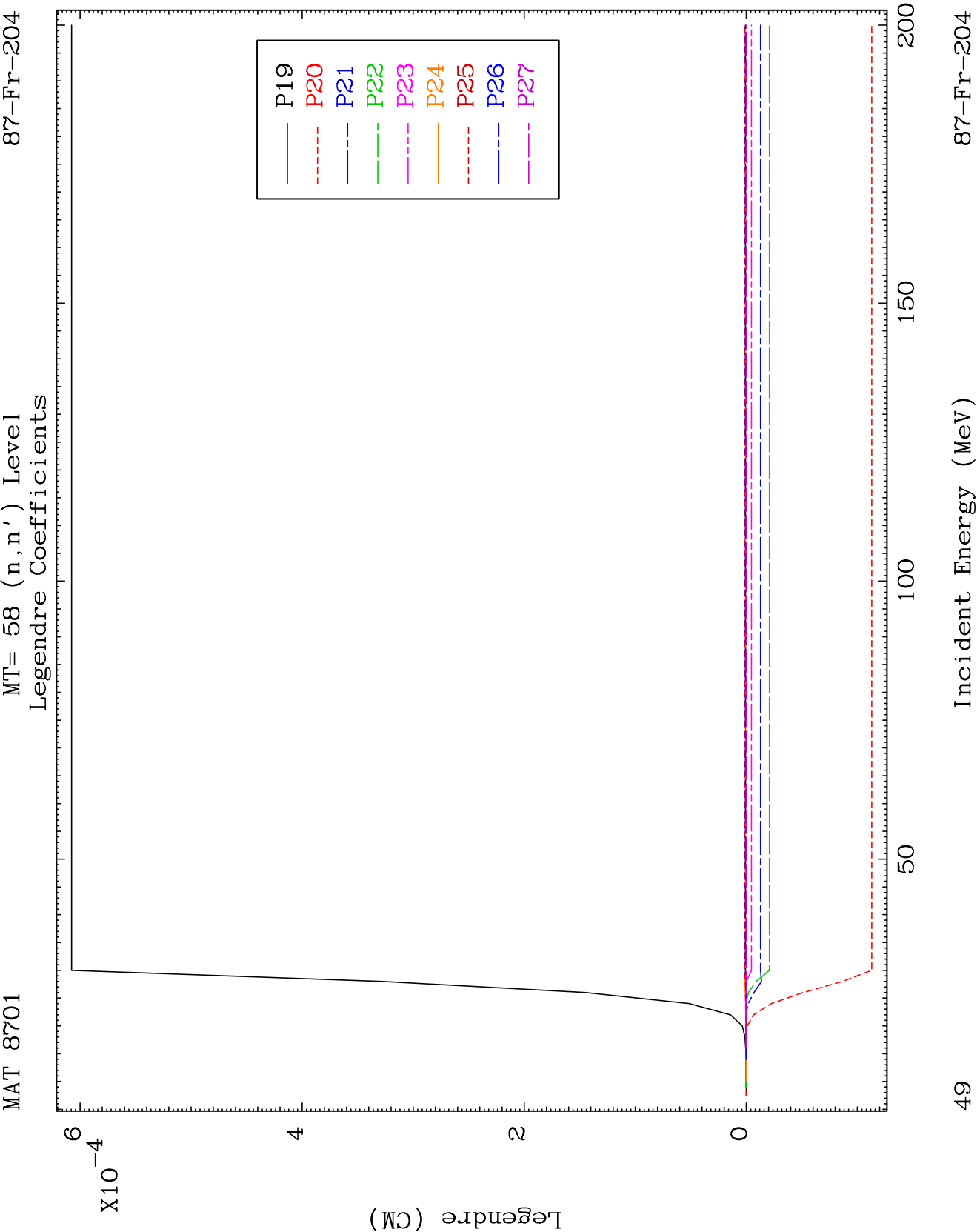
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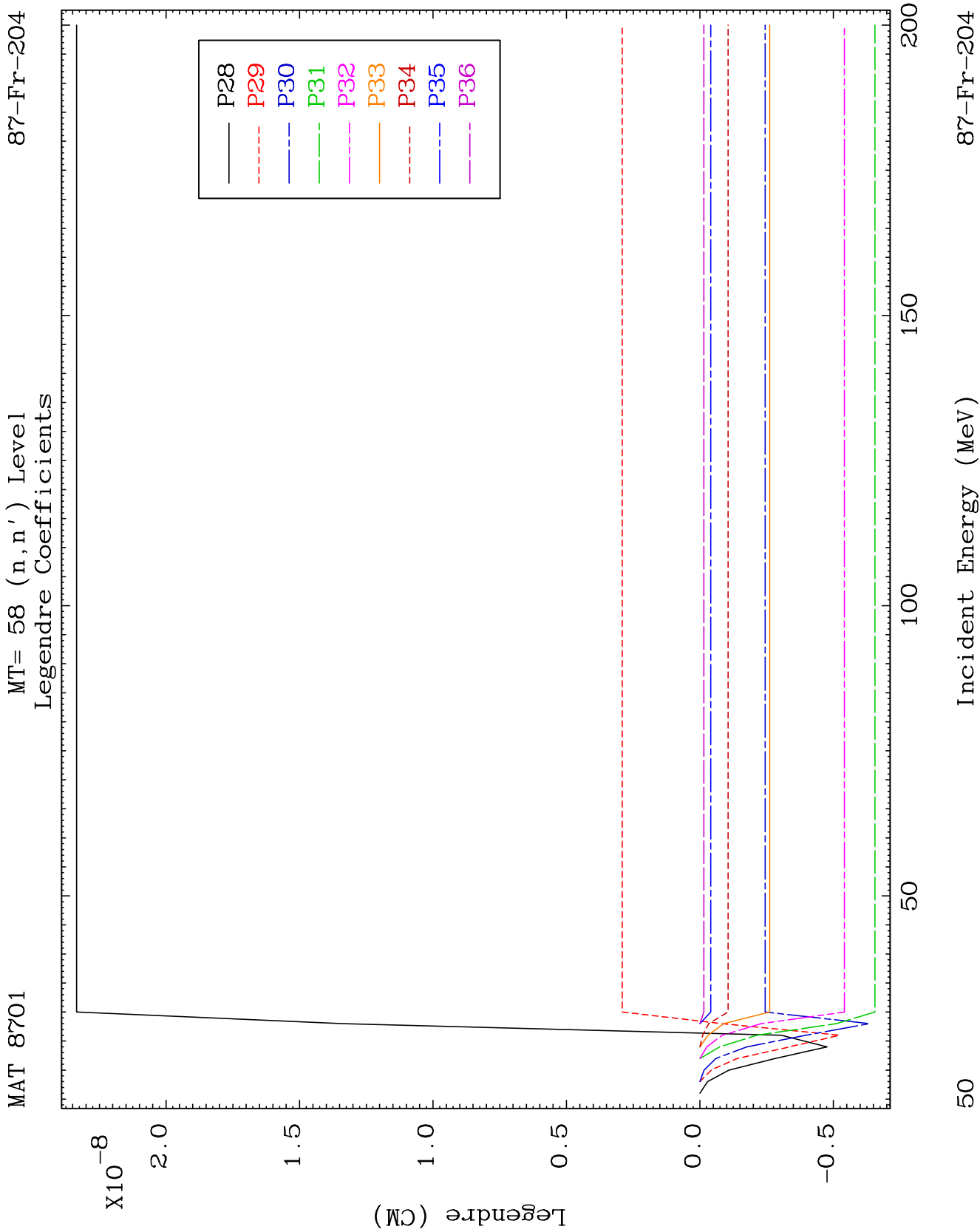


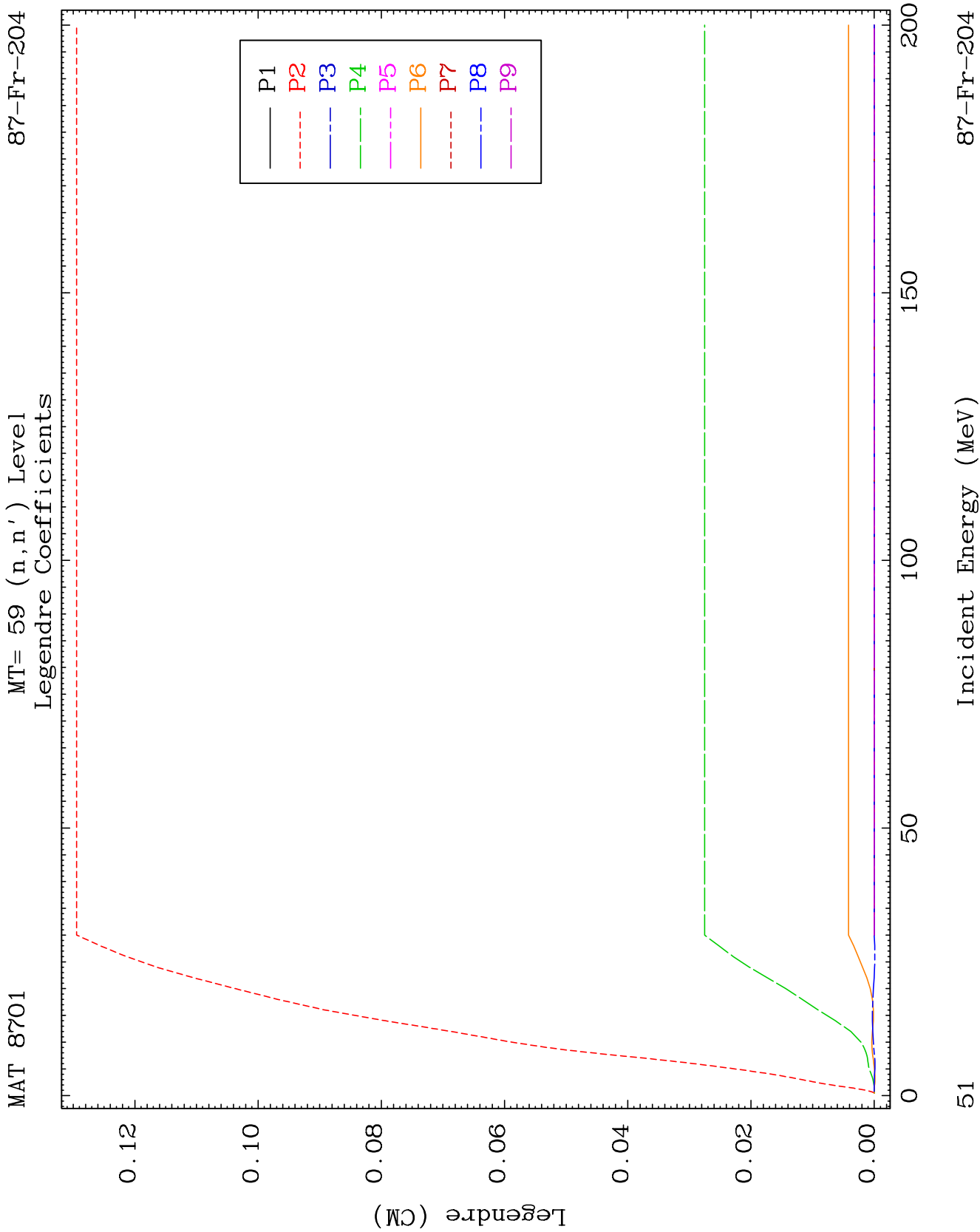
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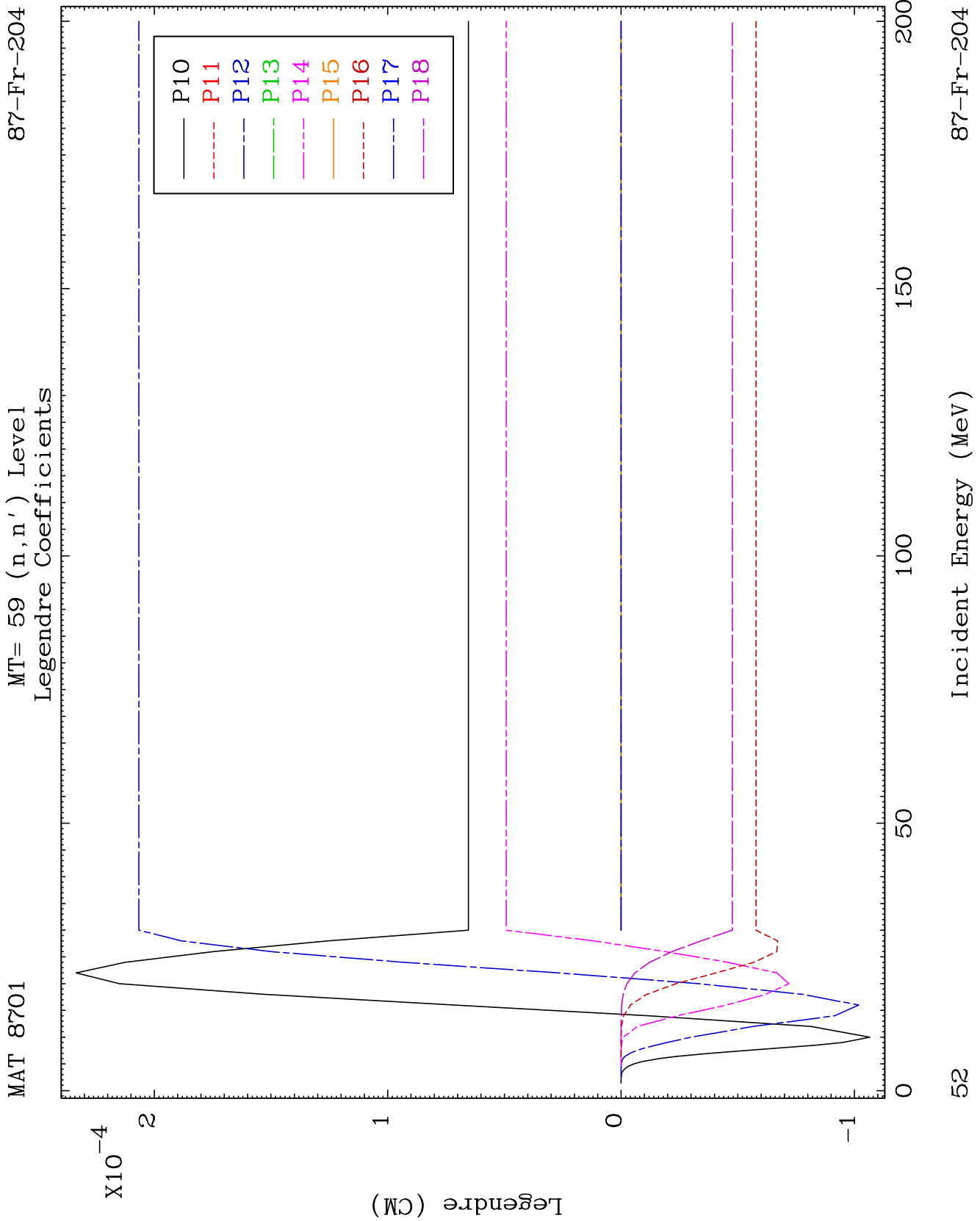
Incident Energy (MeV)

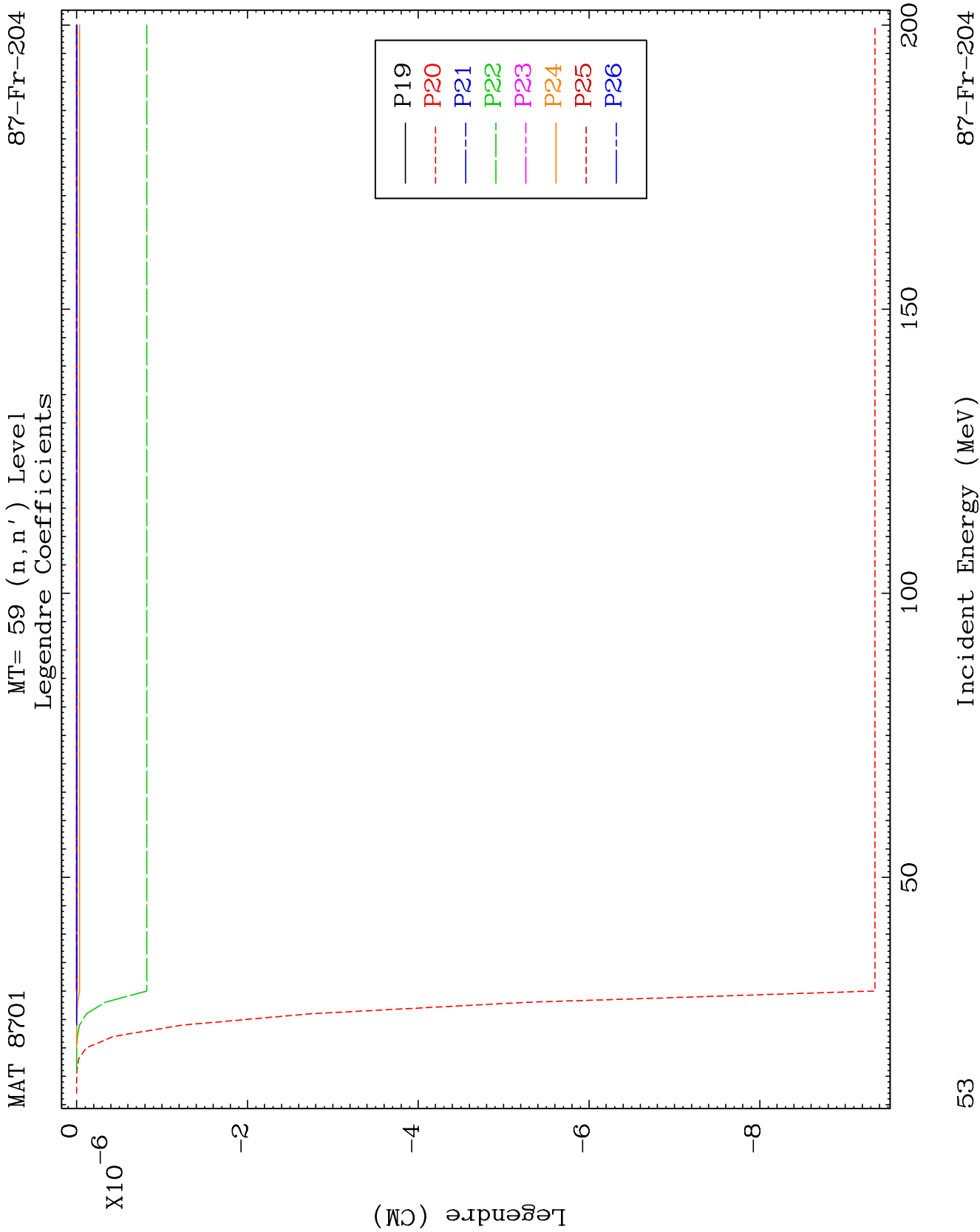
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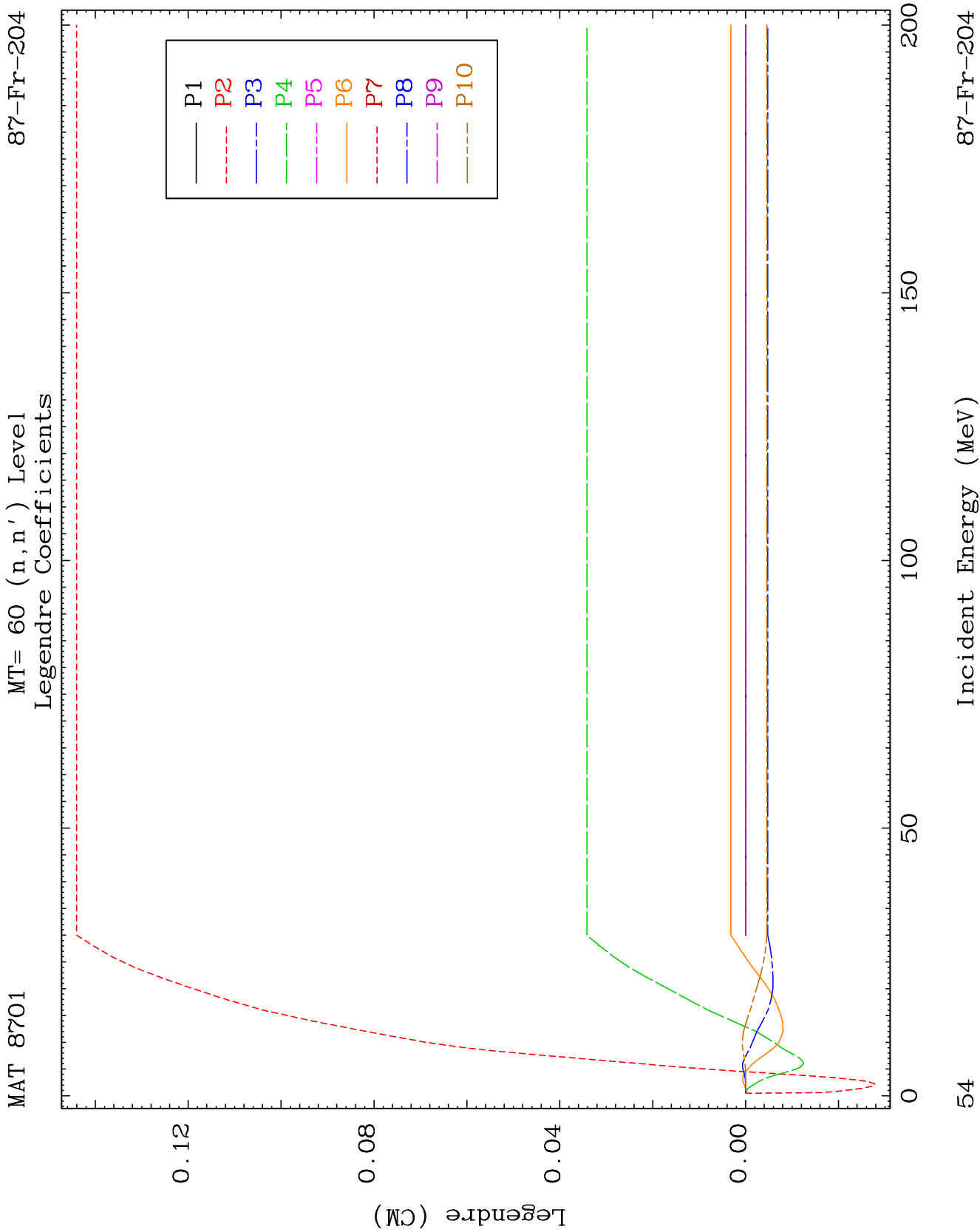


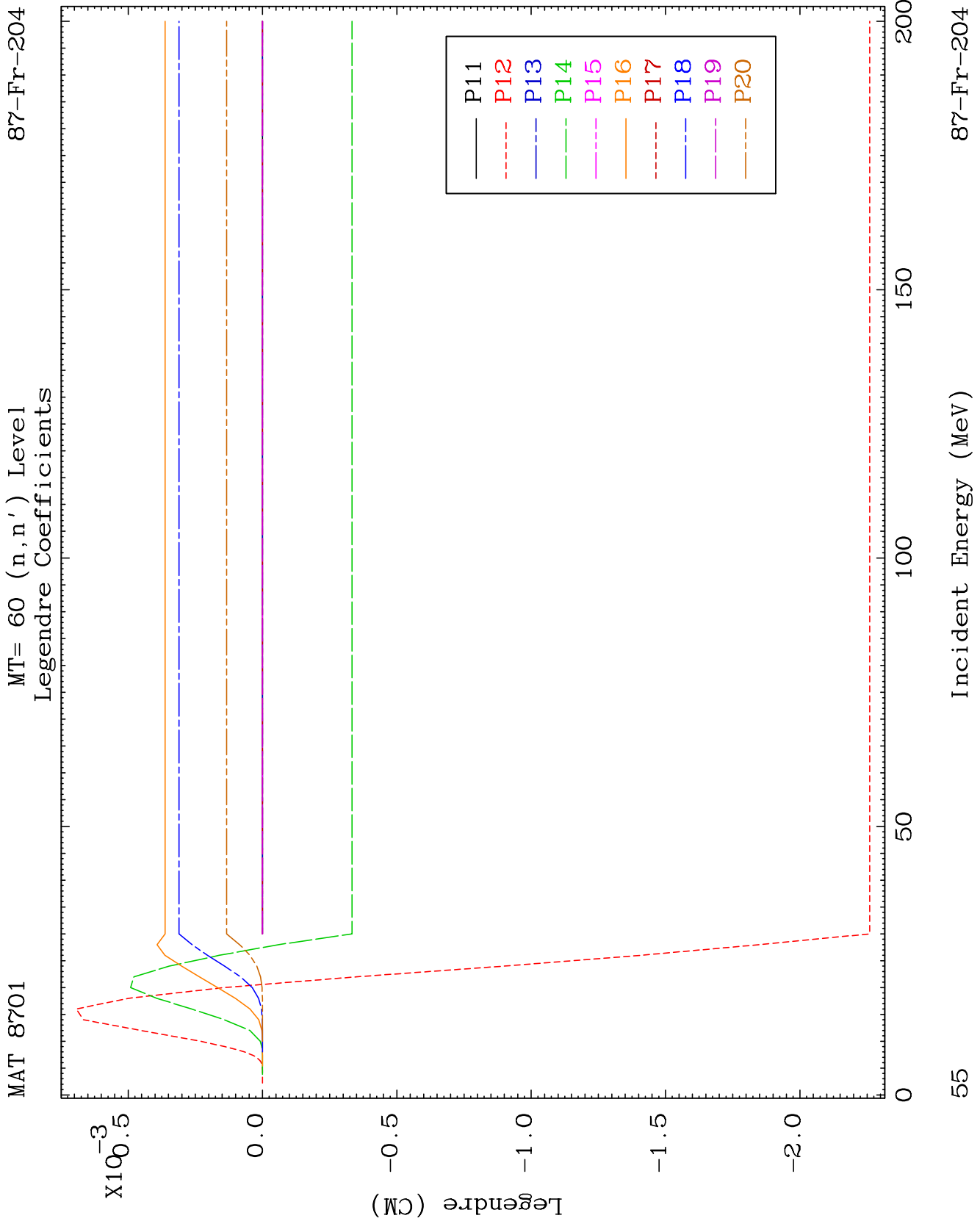








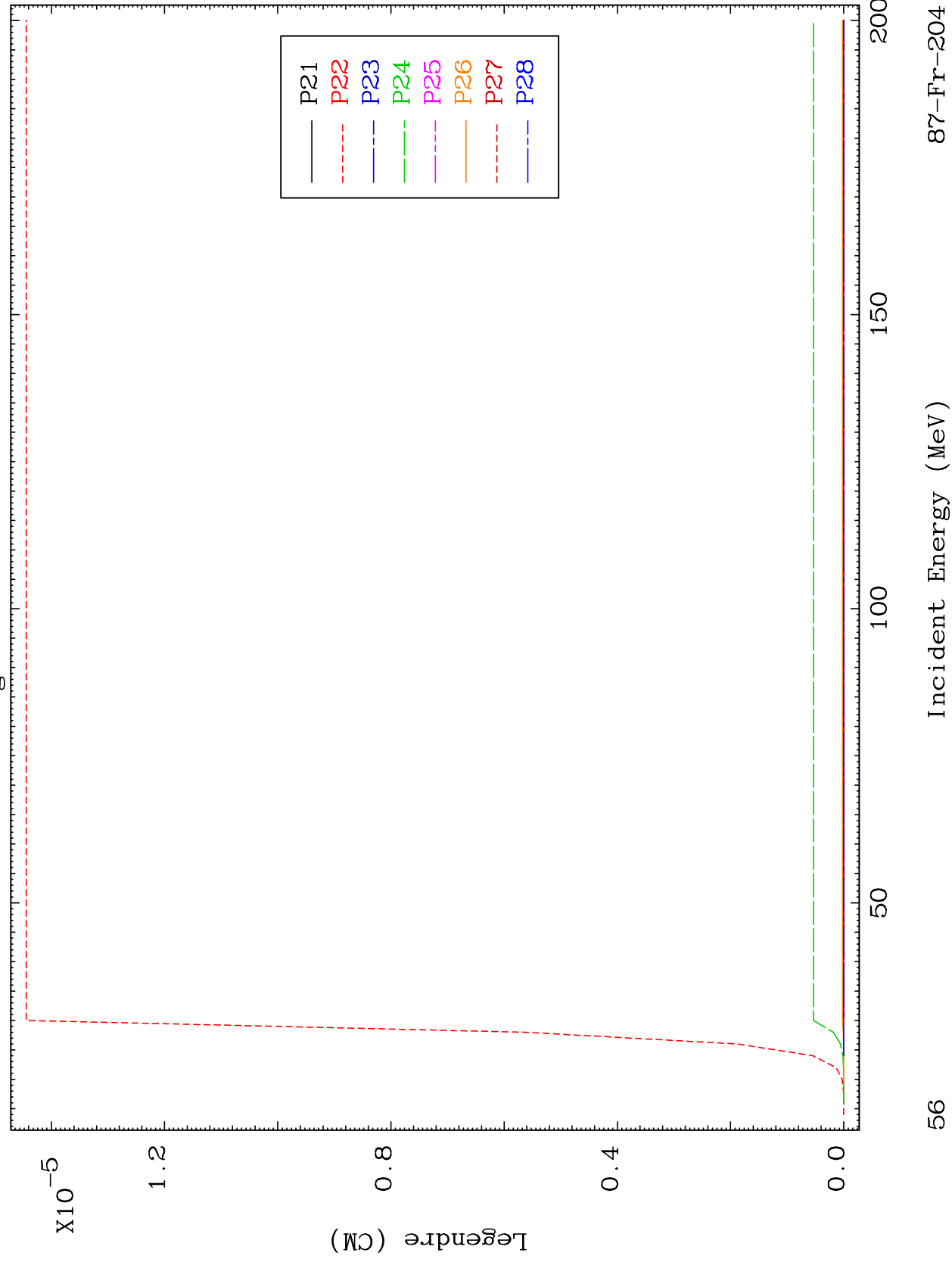




MAT 8701

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

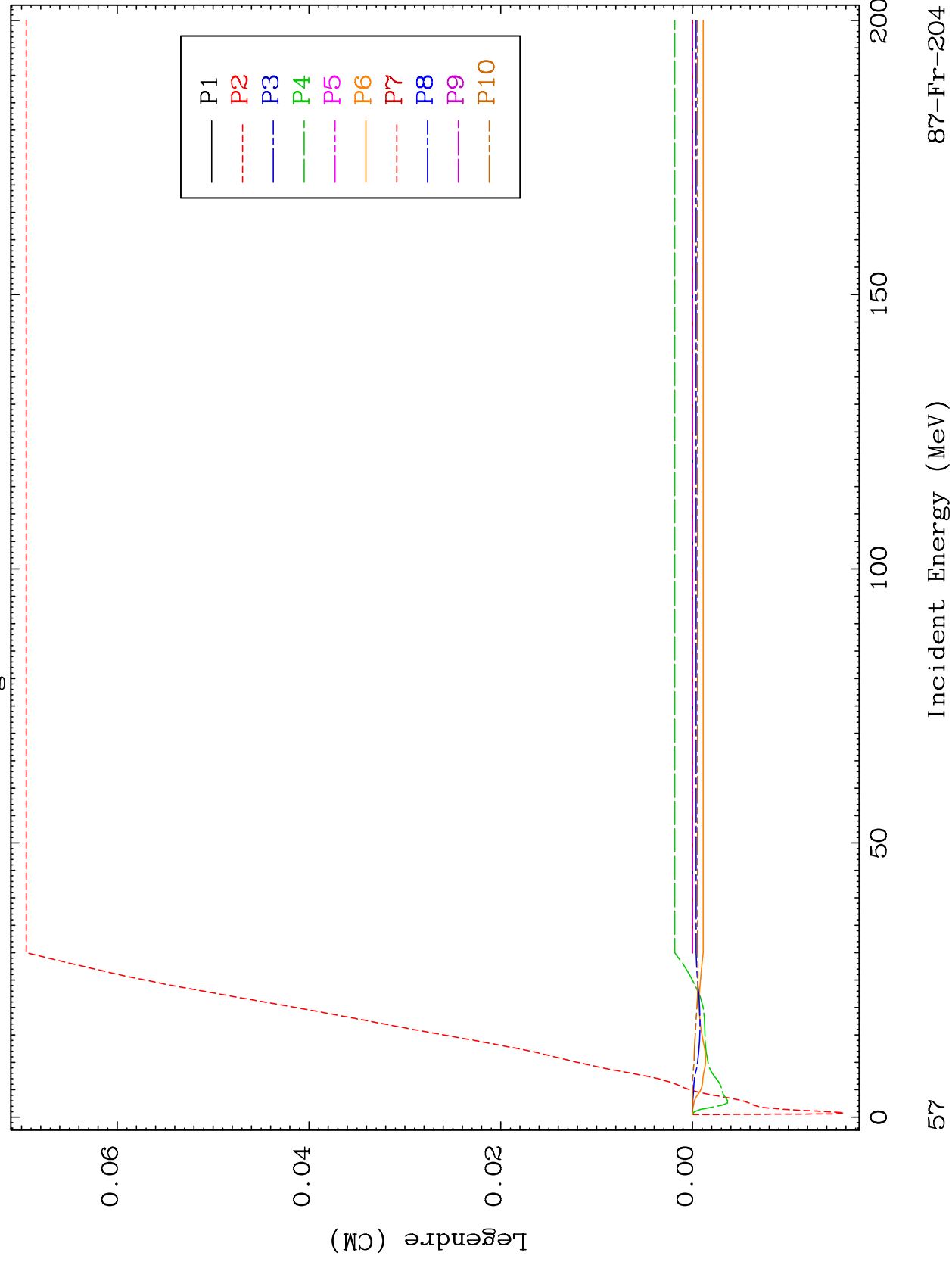
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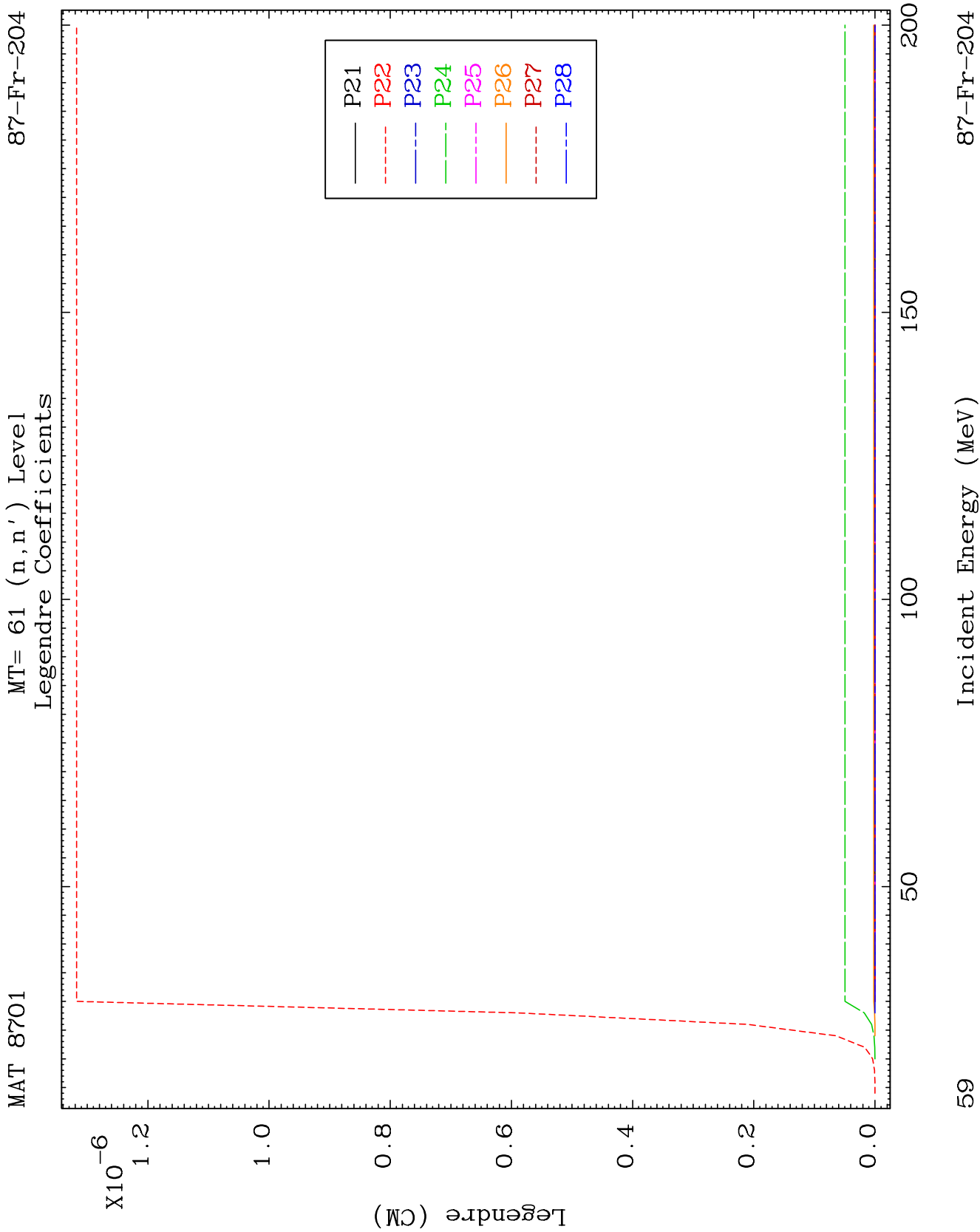


MAT 8701

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

87-Fr-204

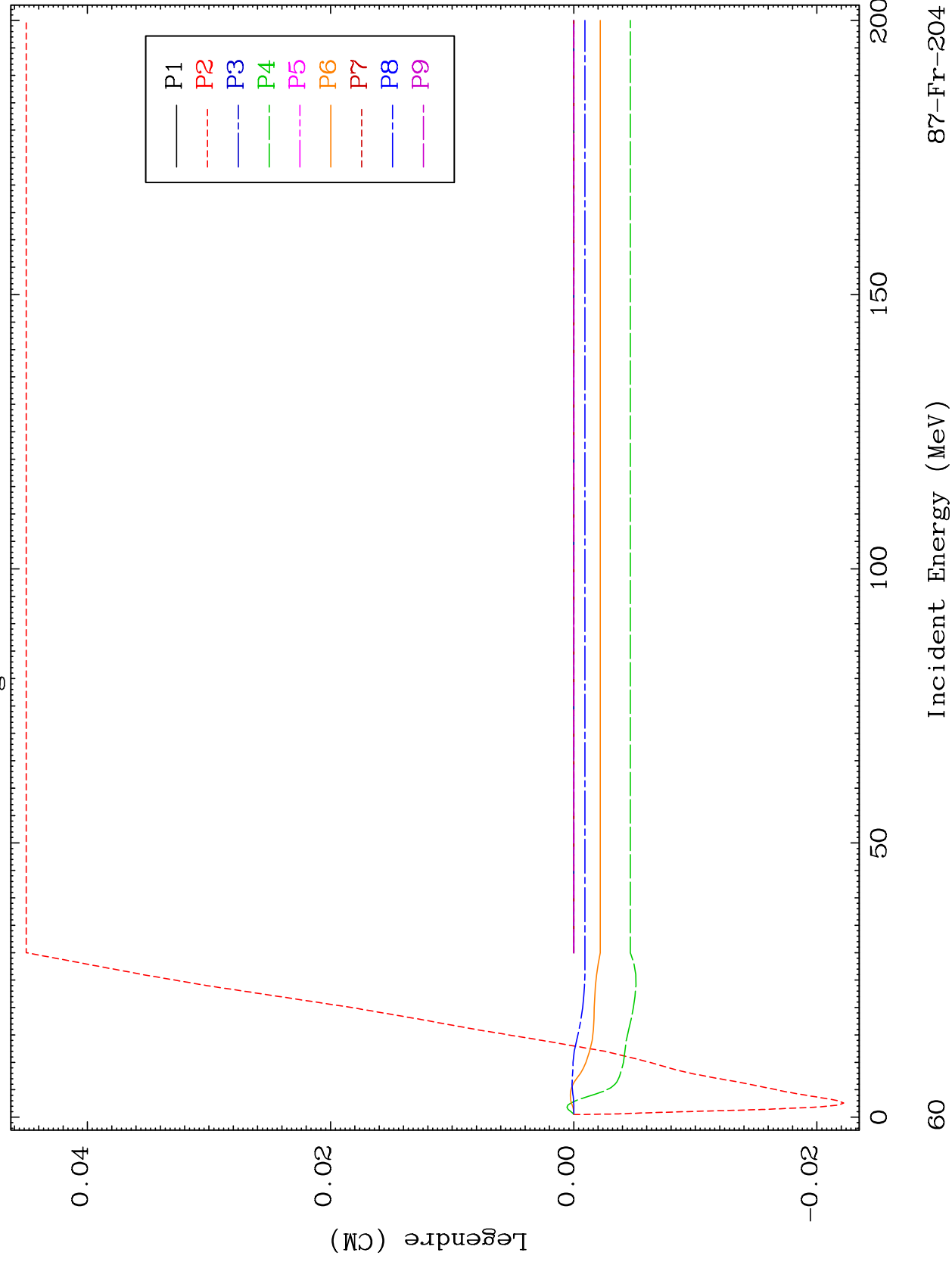




MAT 8701

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

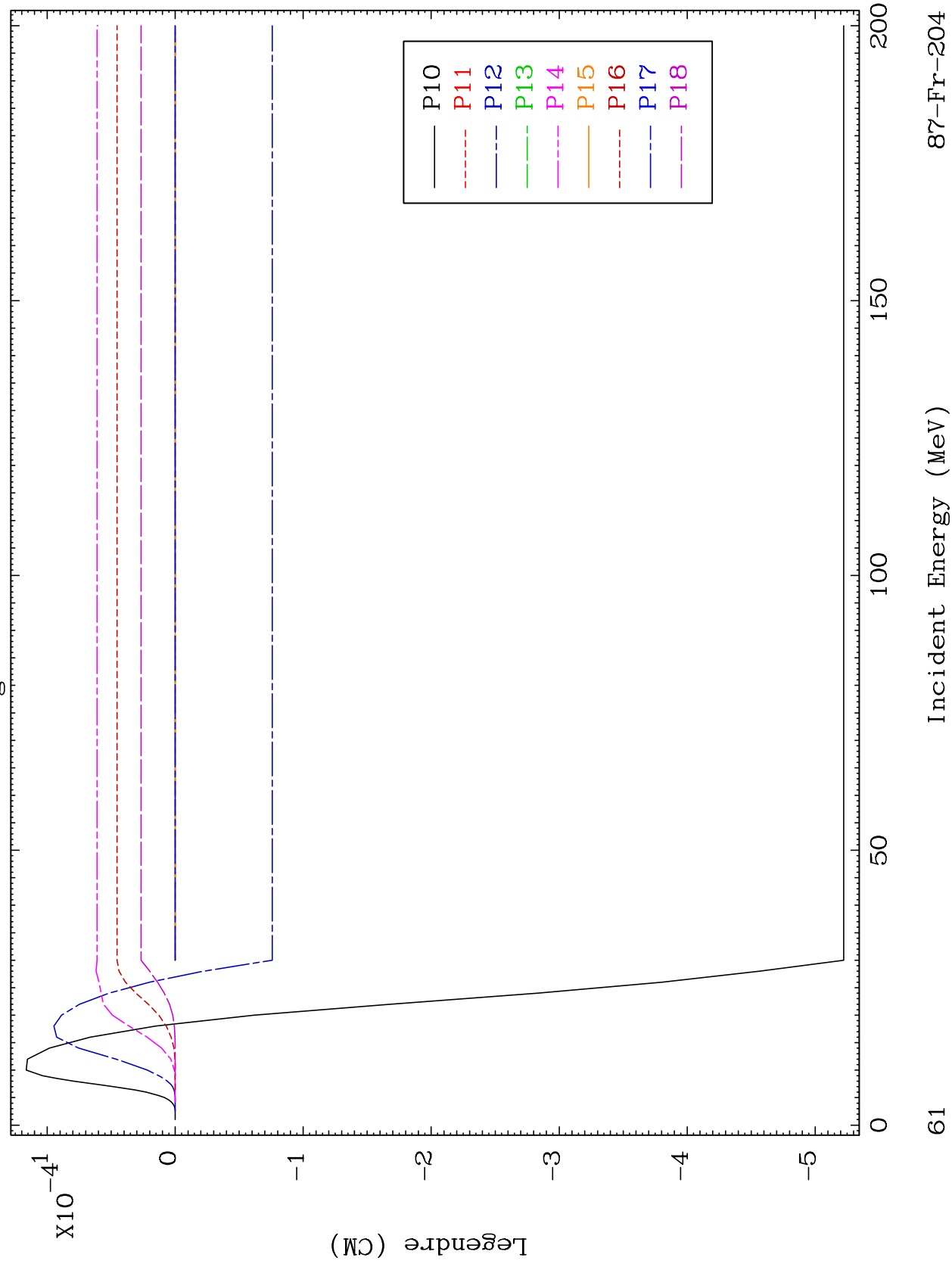
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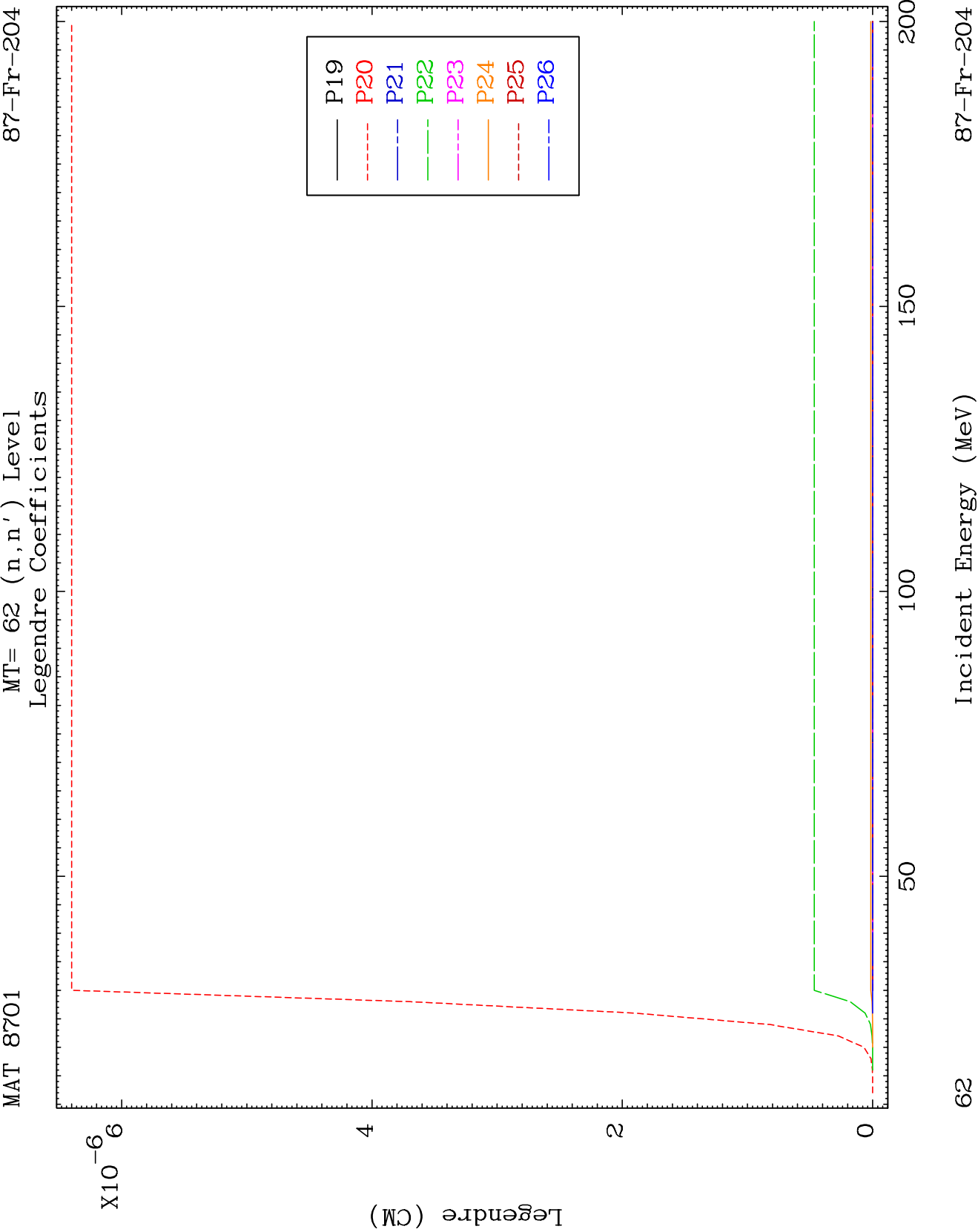


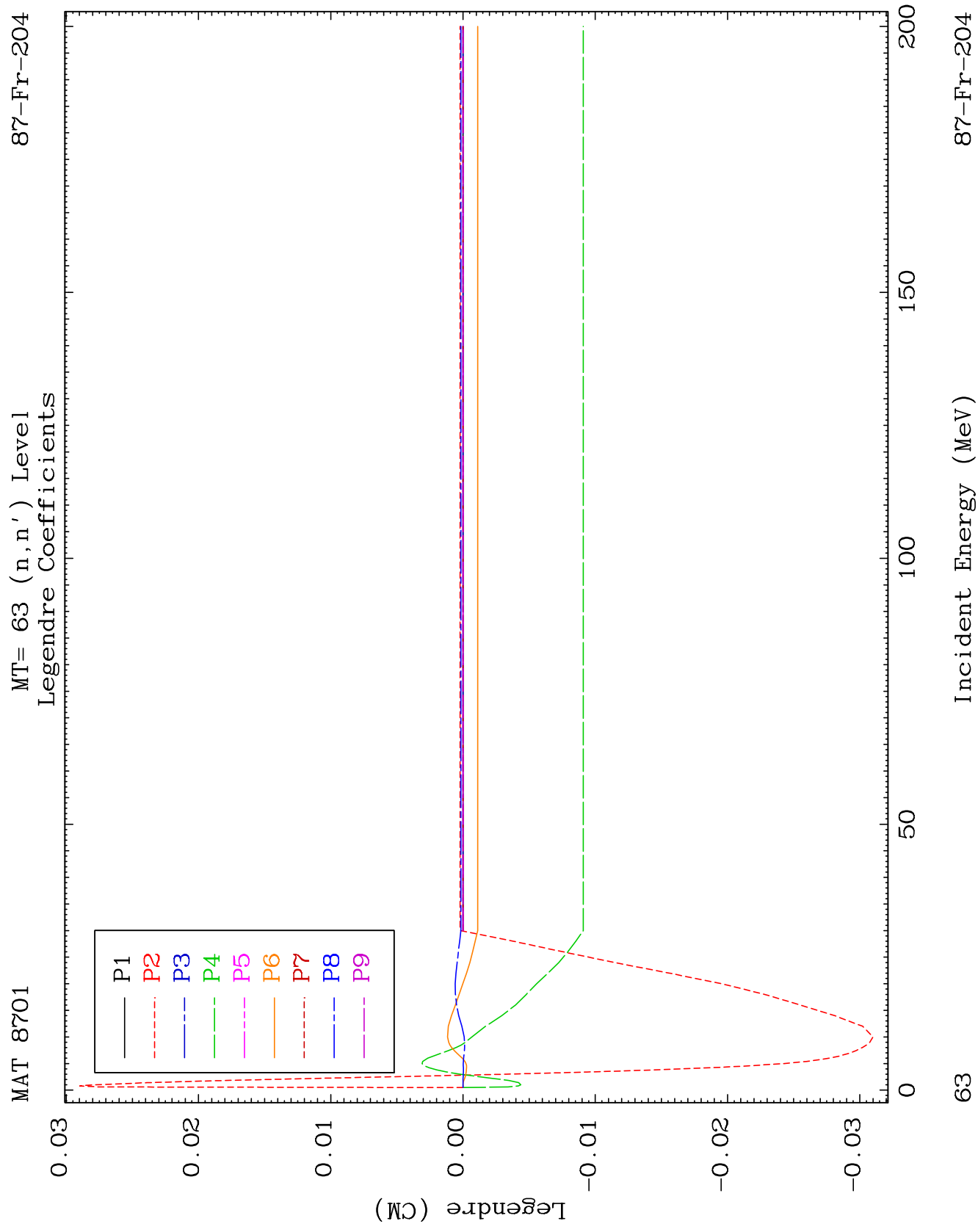
MAT 8701

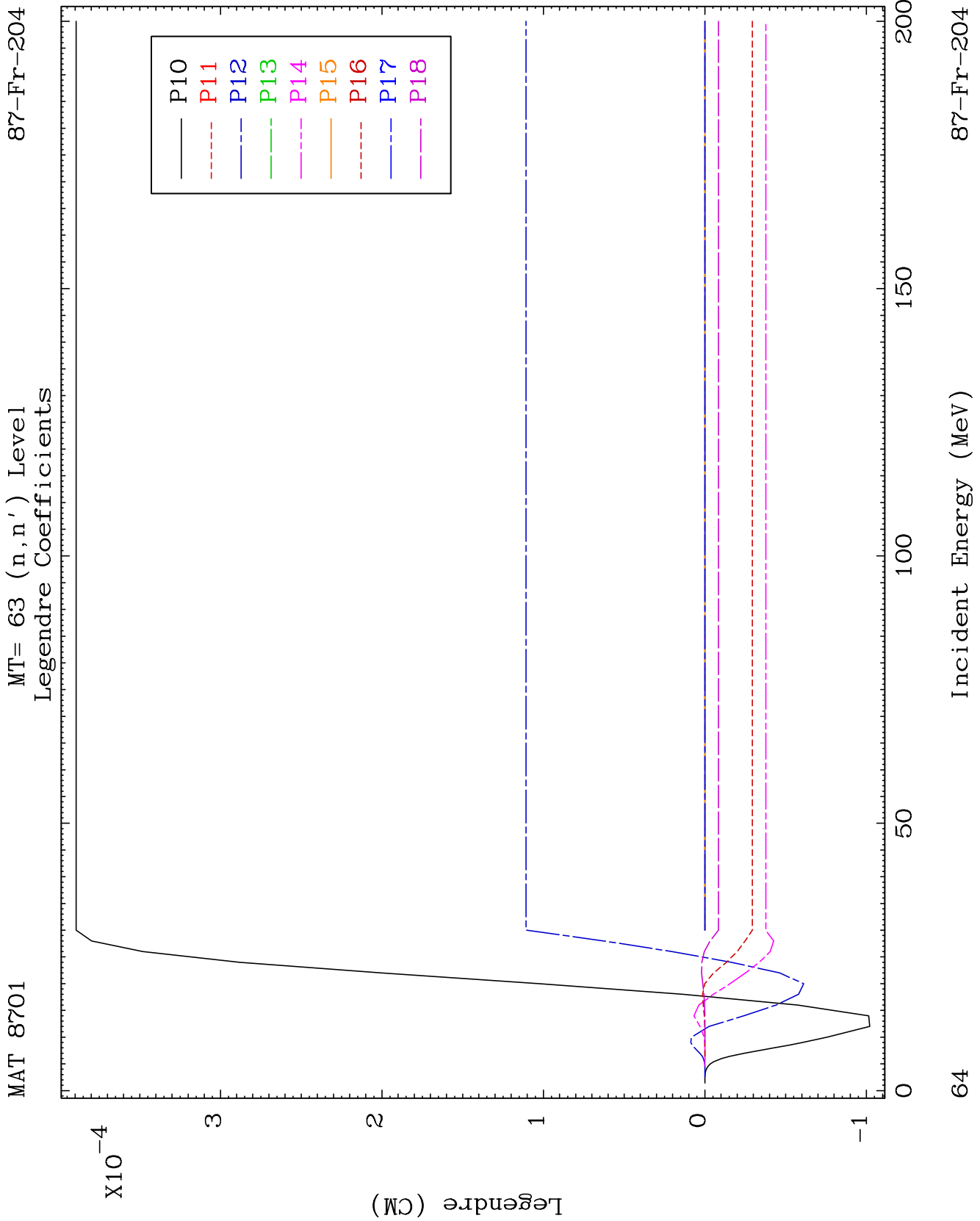
MT= 62 (n, n') Level
Legendre Coefficients

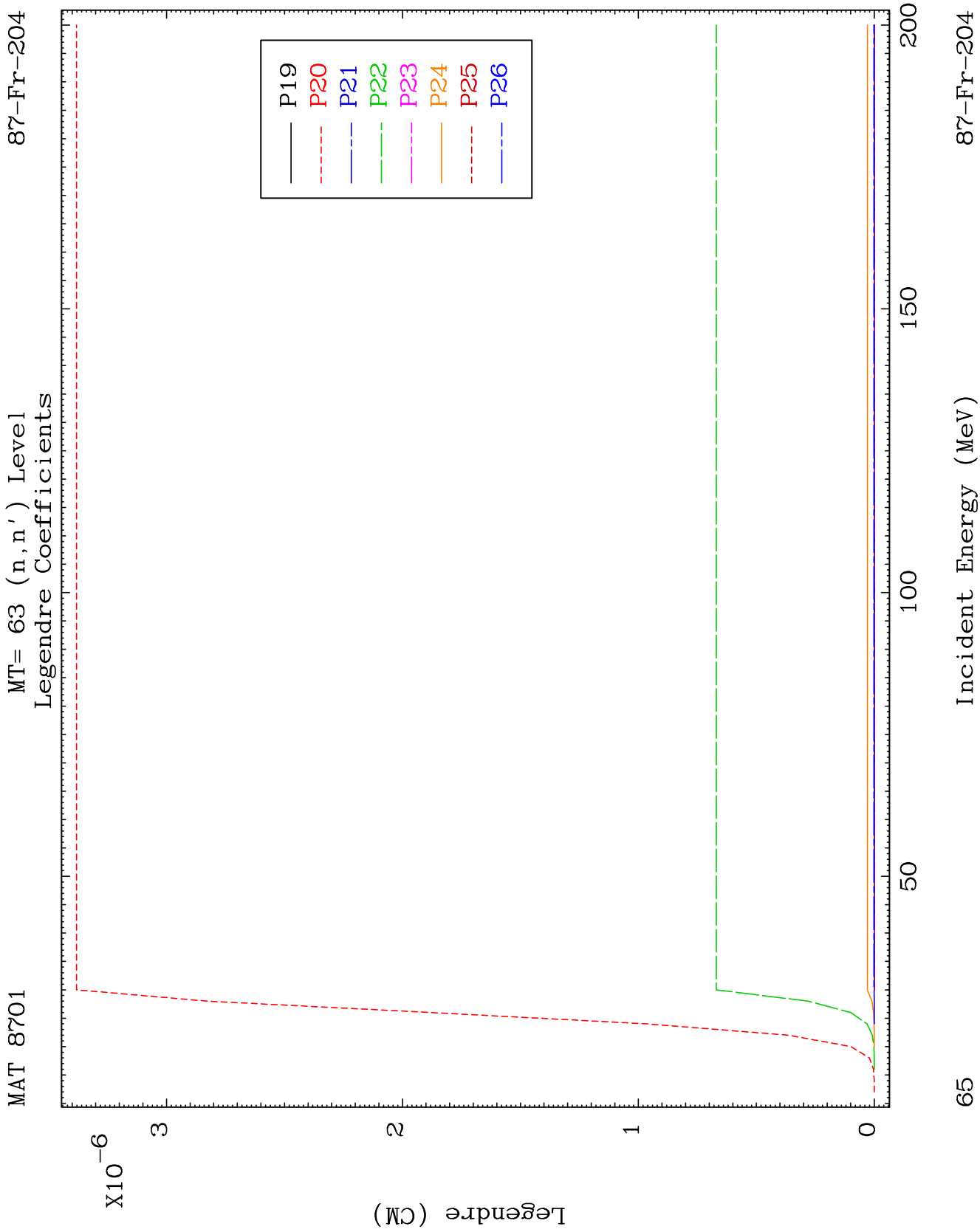
87-Fr-204







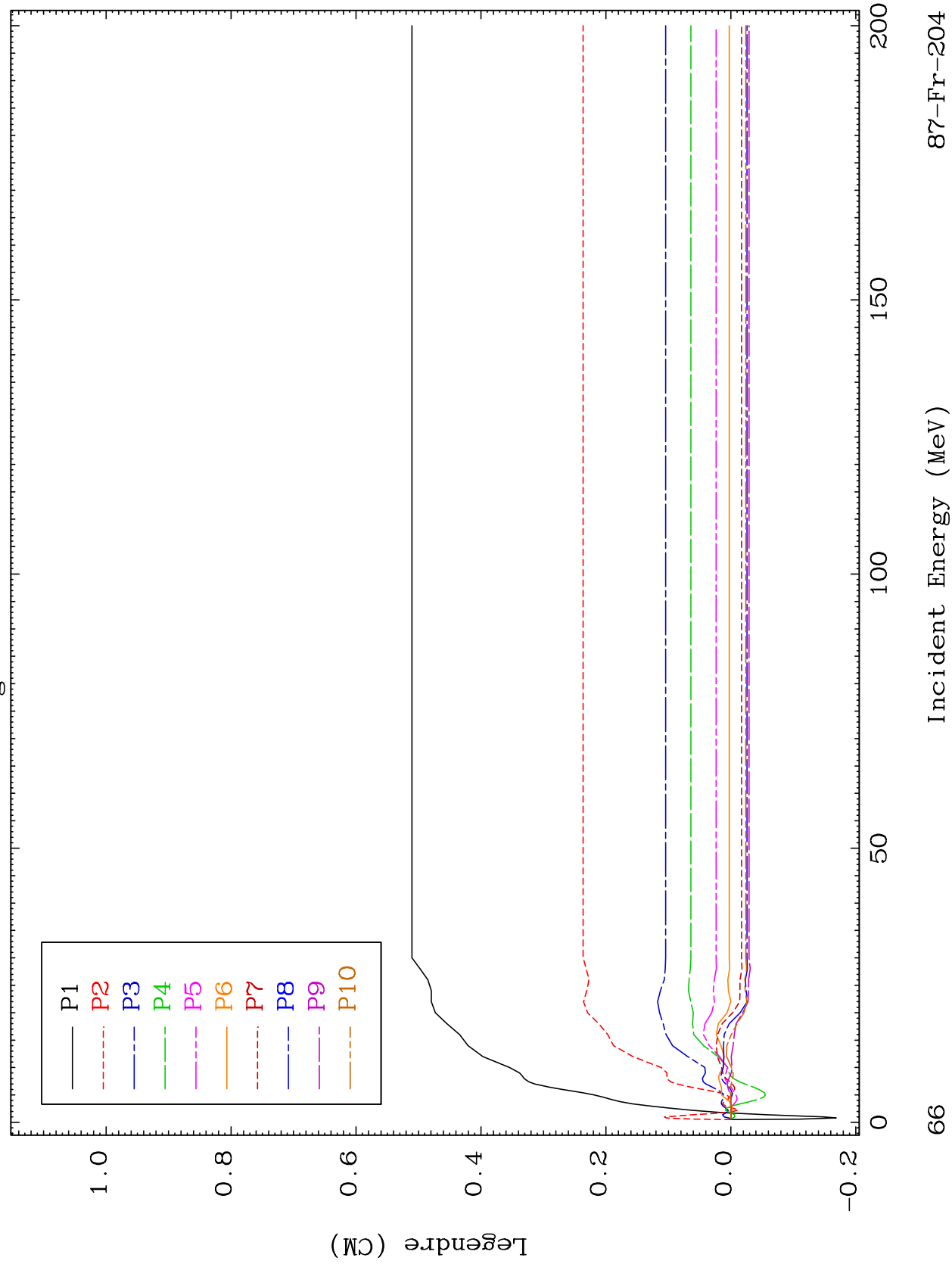


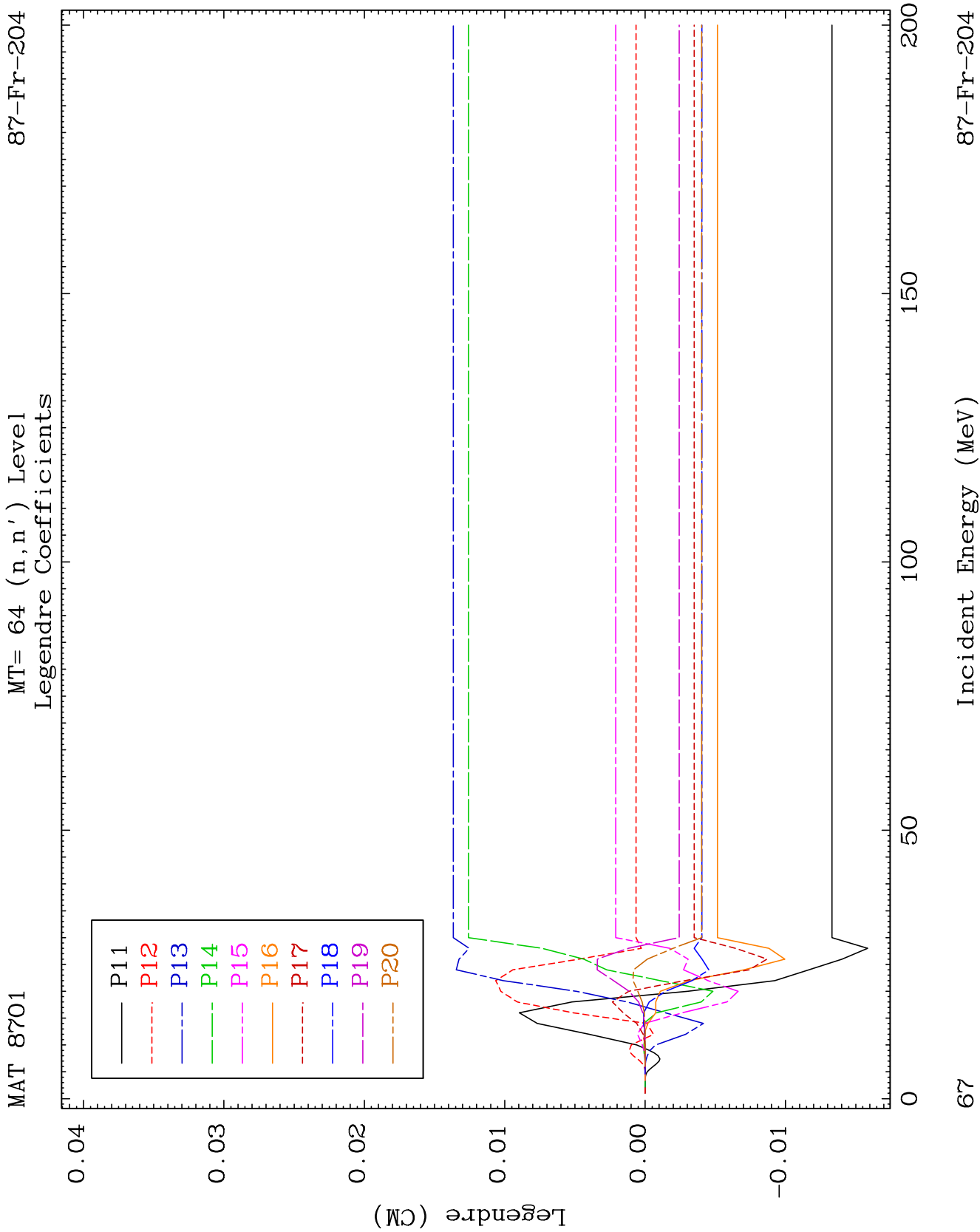


MAT 8701

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

87-Fr-204

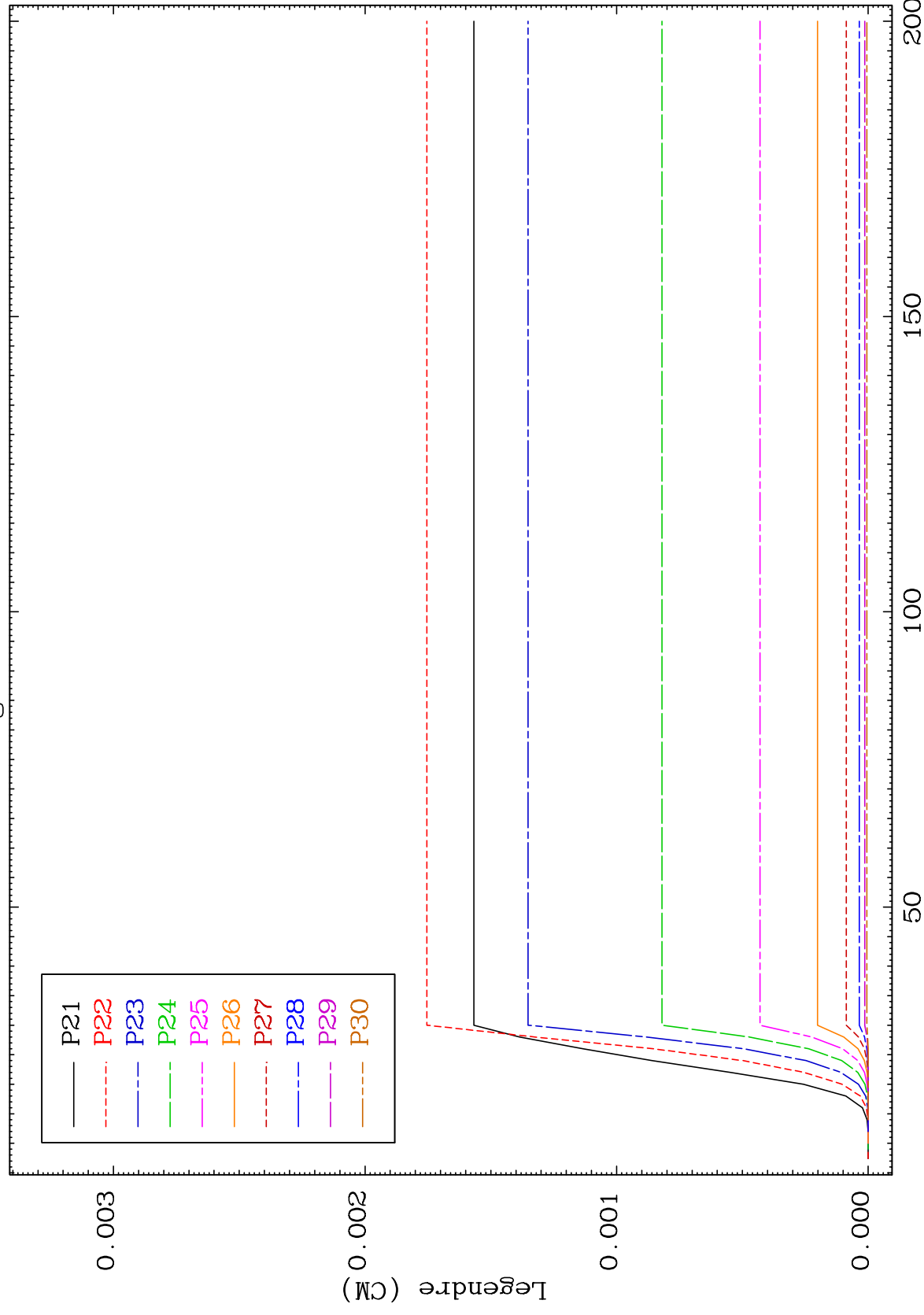




MAT 8701

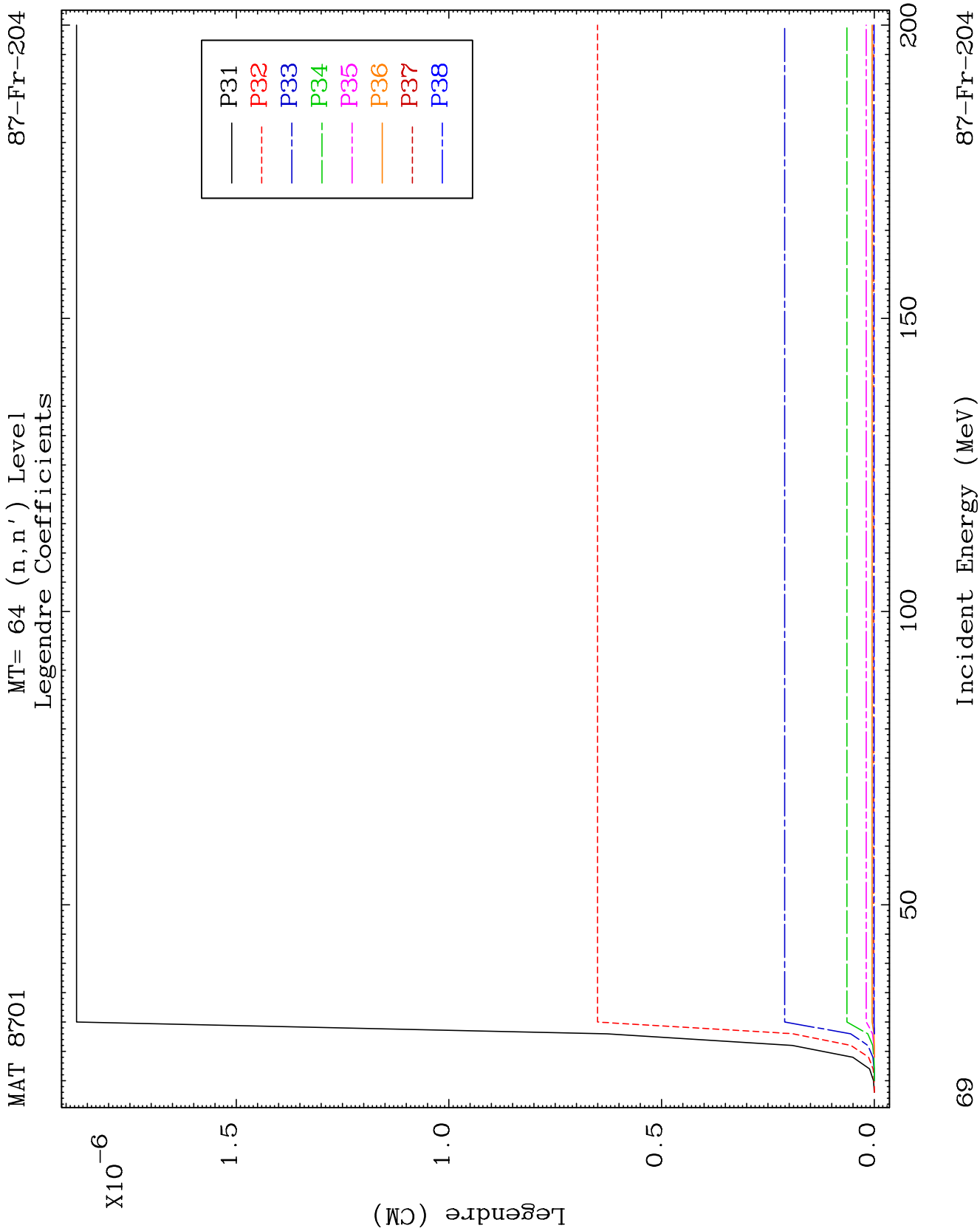
MT= 64 (n, n') Level
Legendre Coefficients

87-Fr-204



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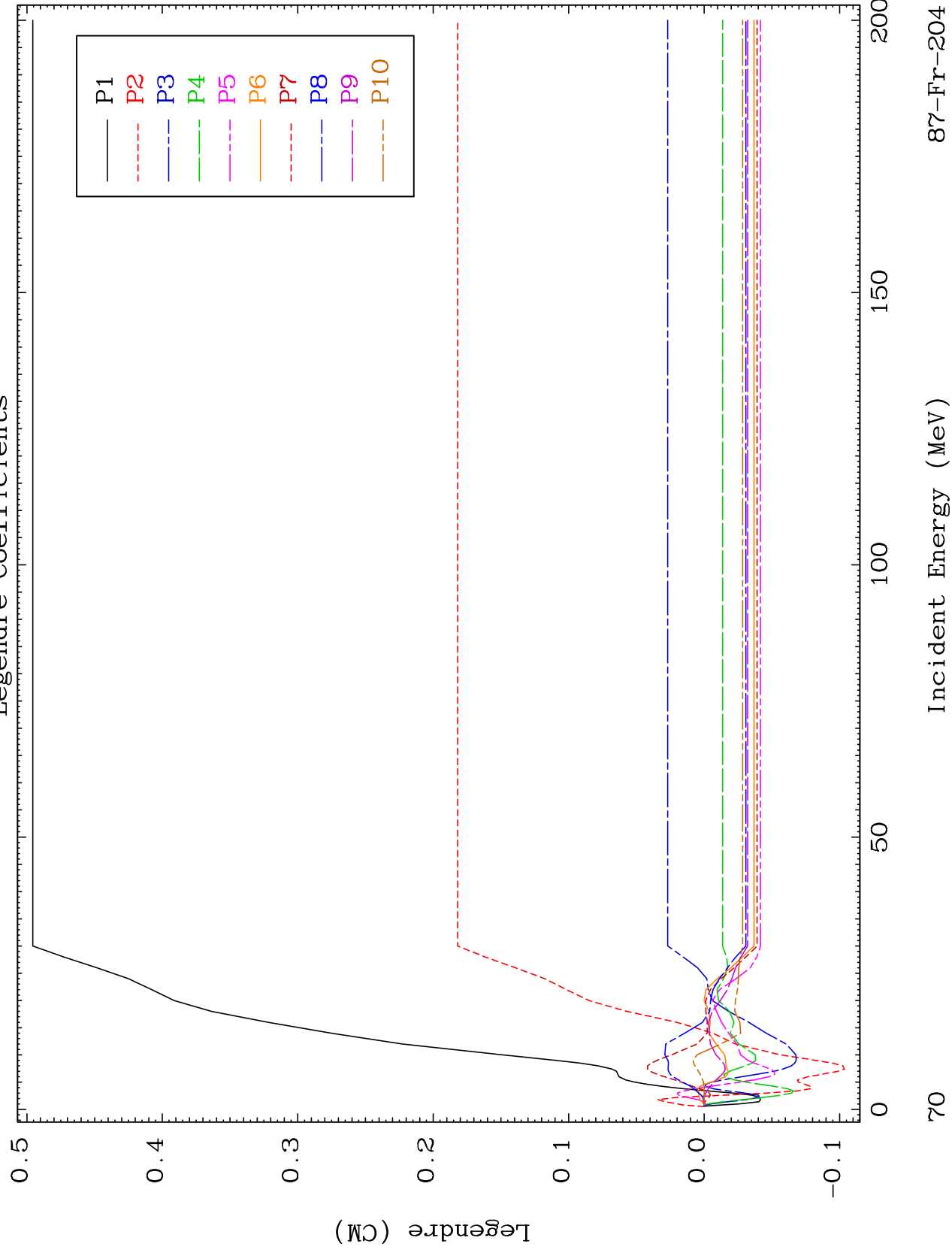
Incident Energy (MeV)

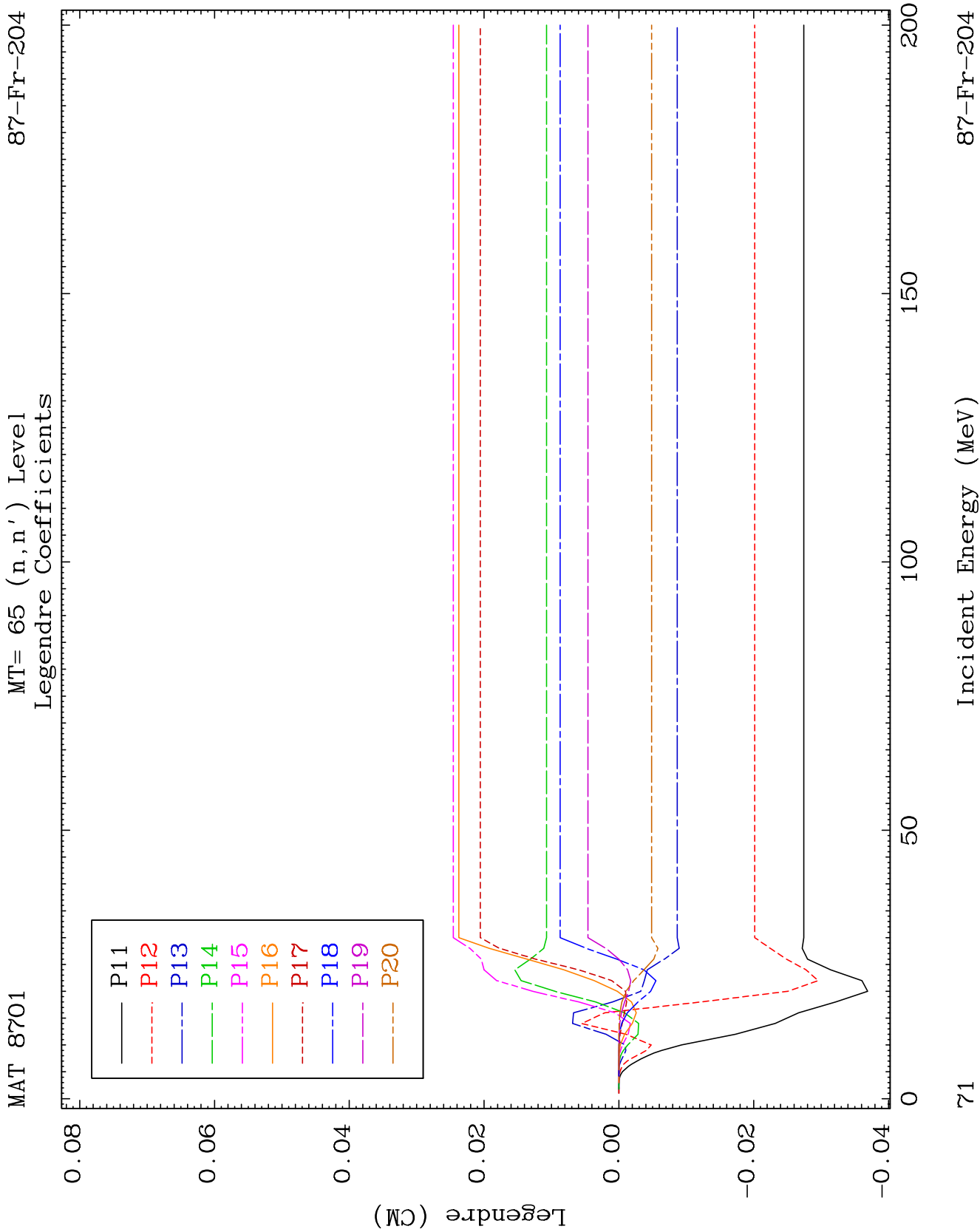


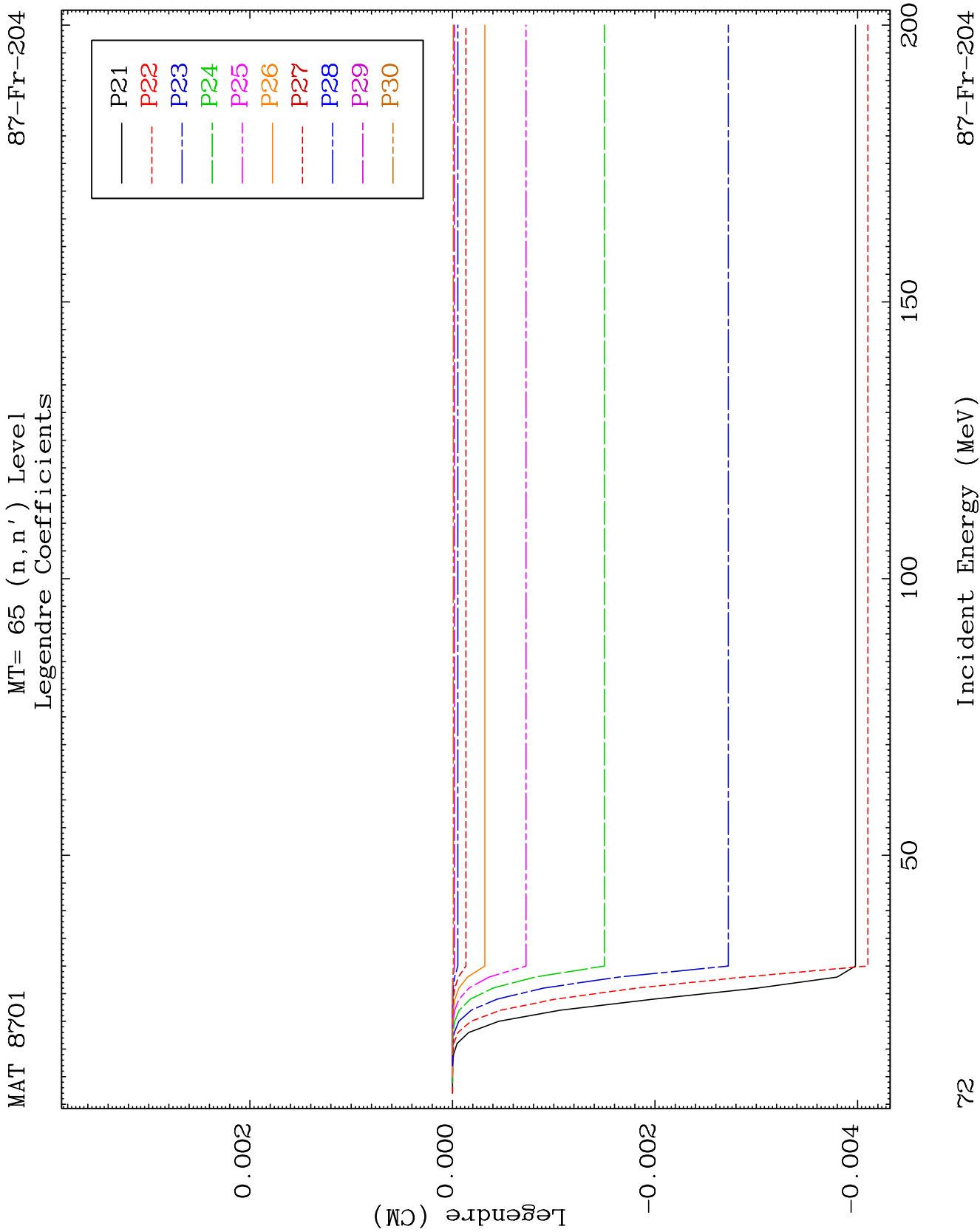
MAT 8701

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

87-Fr-204



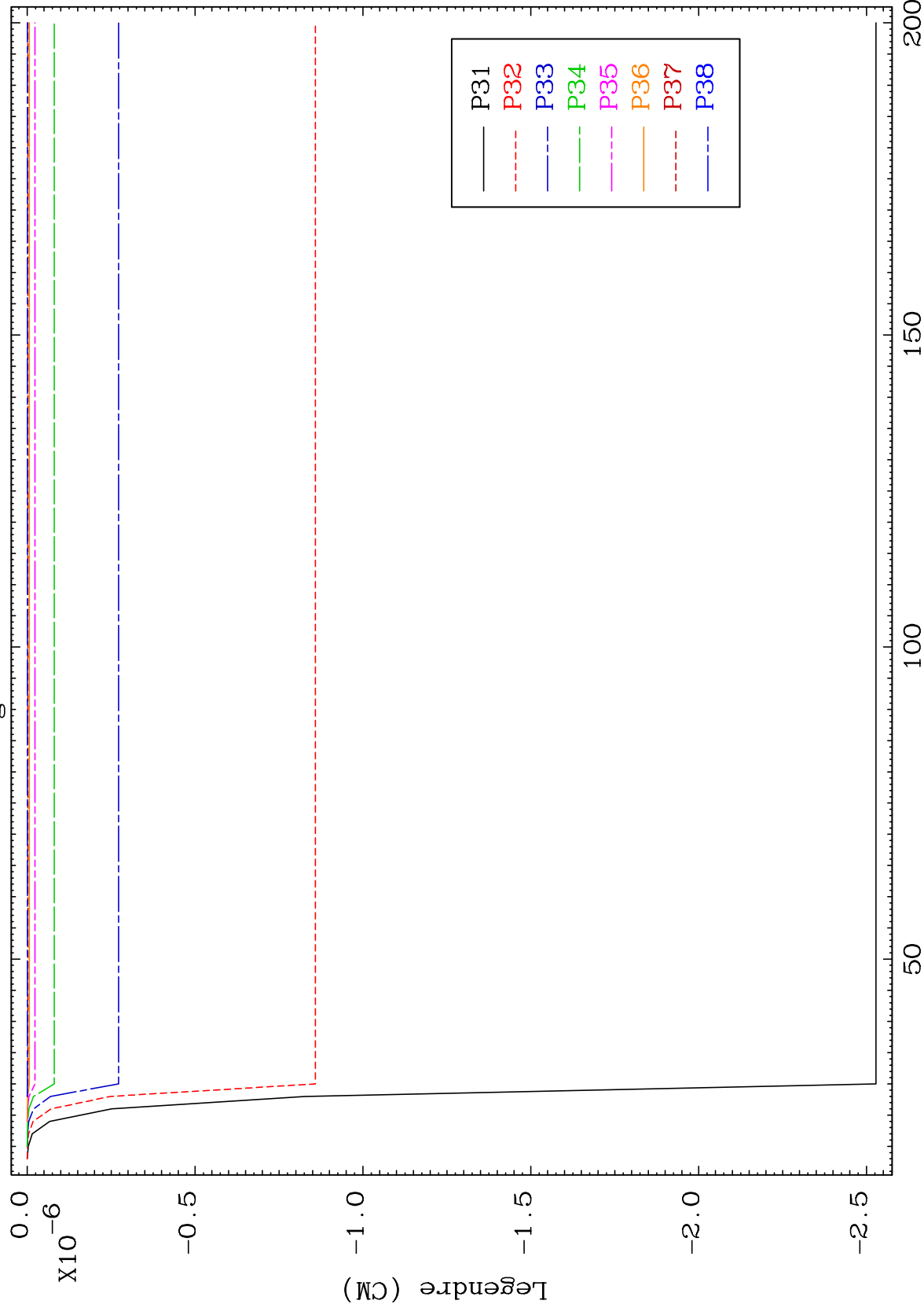




MAT 8701

87-Fr-204

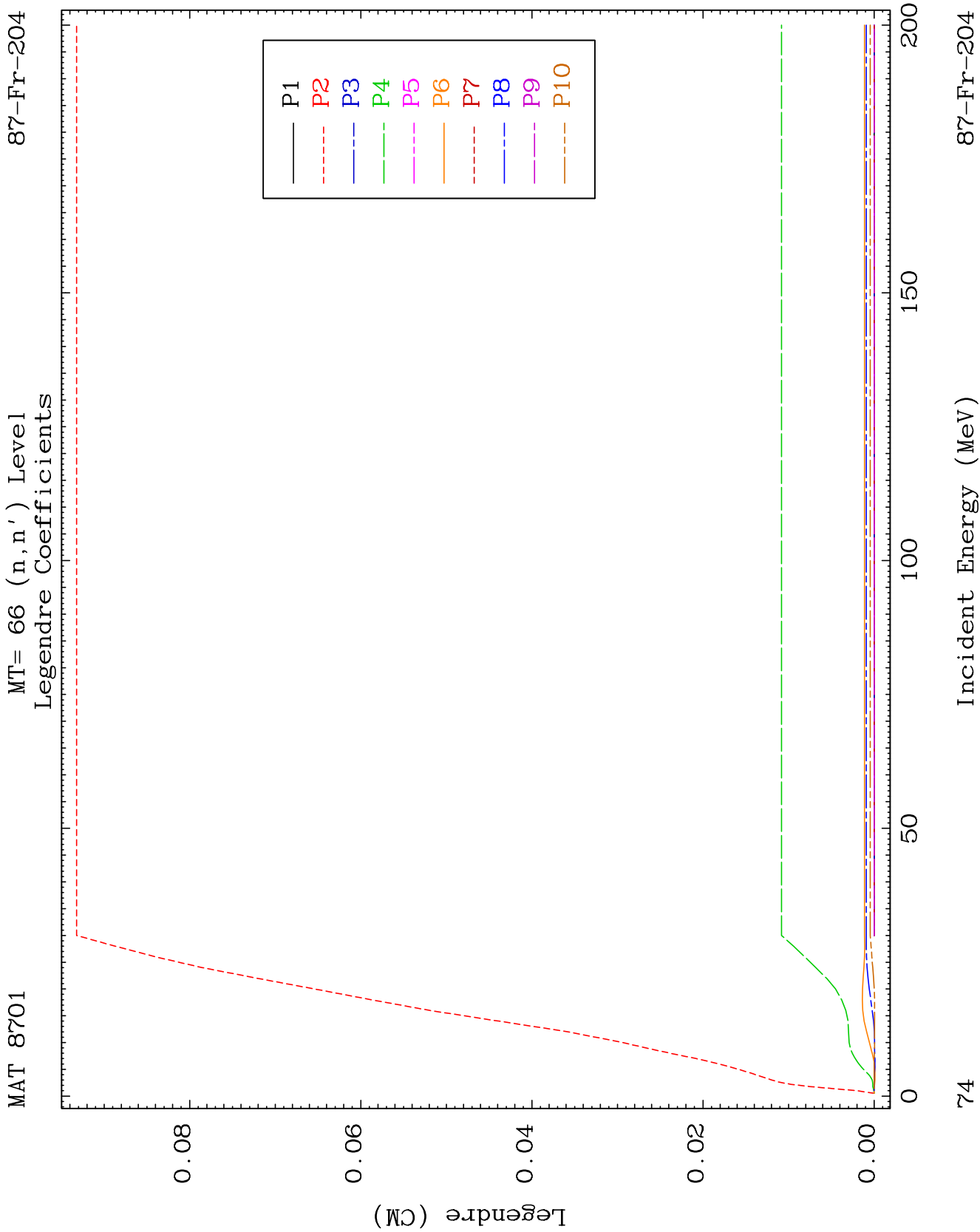
MT= 65 (n, n') Level
Legendre Coefficients

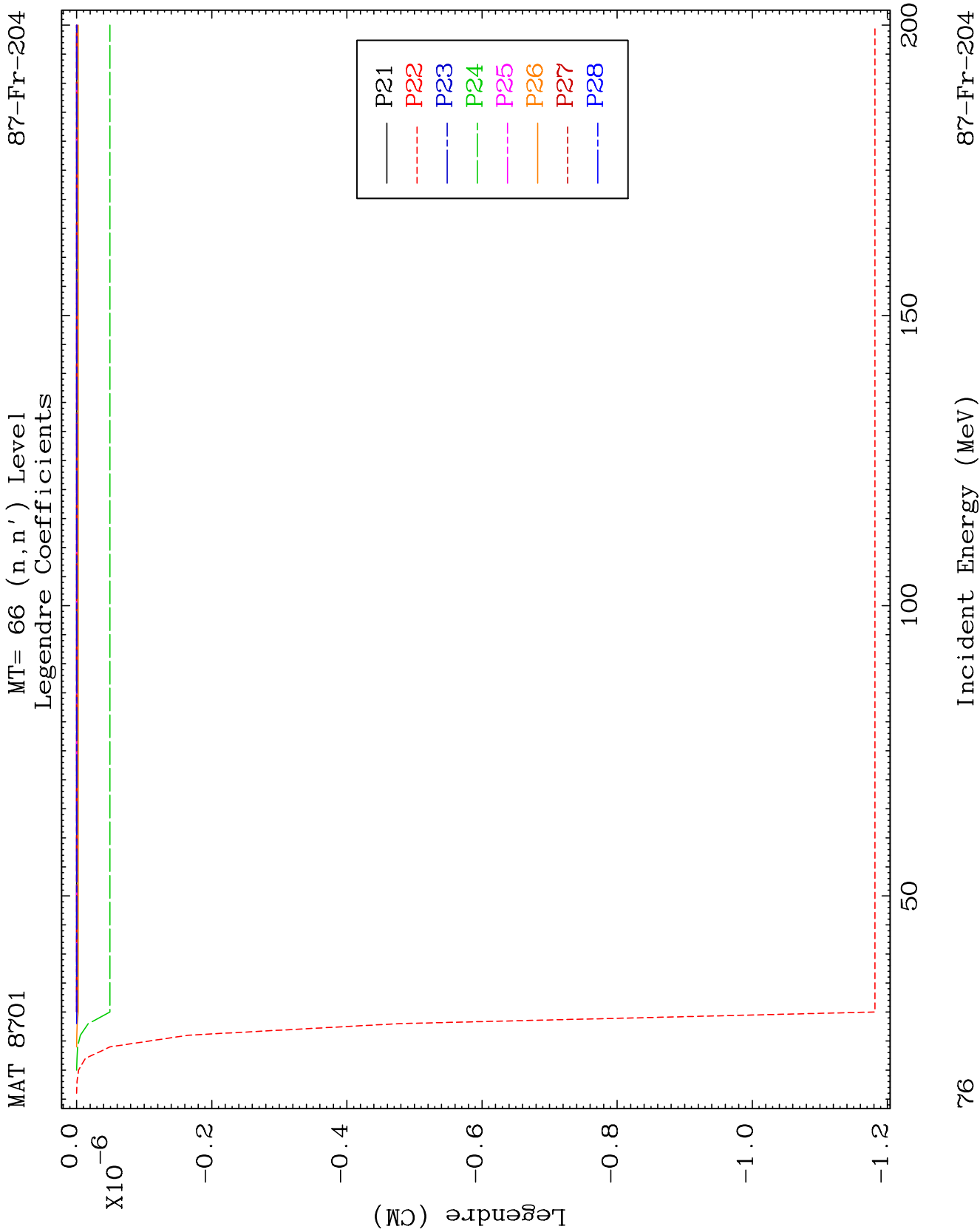


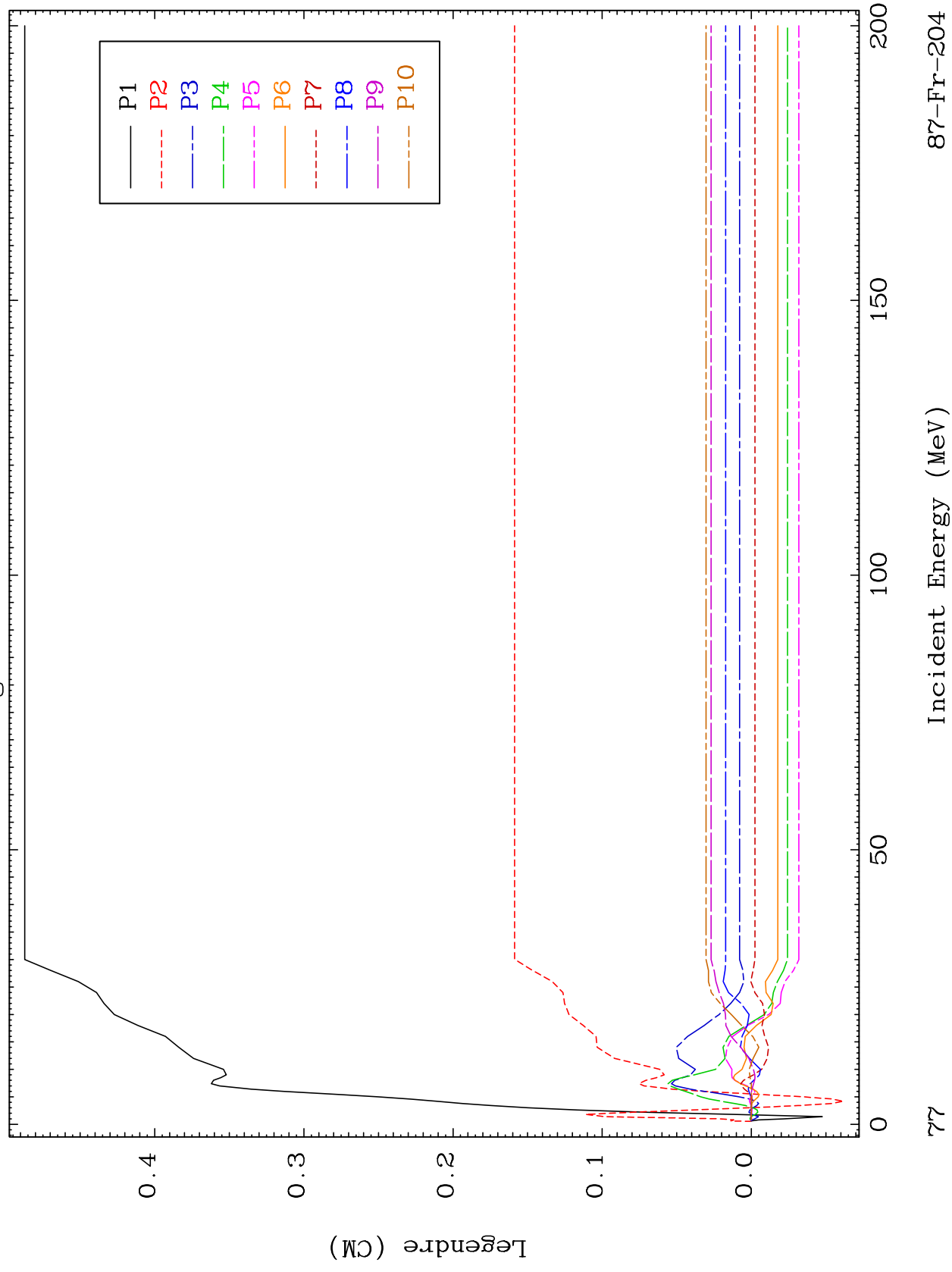
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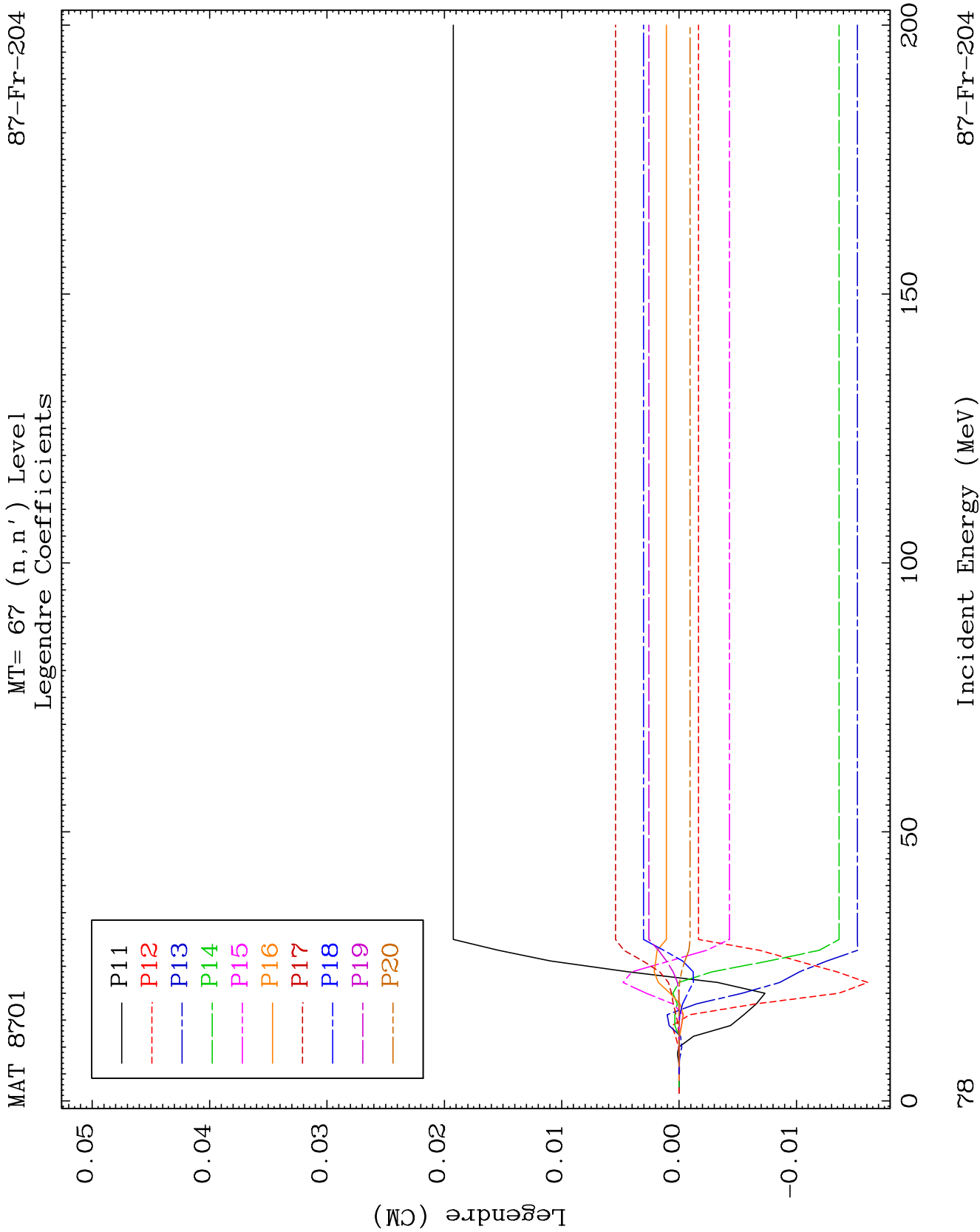
Incident Energy (MeV)

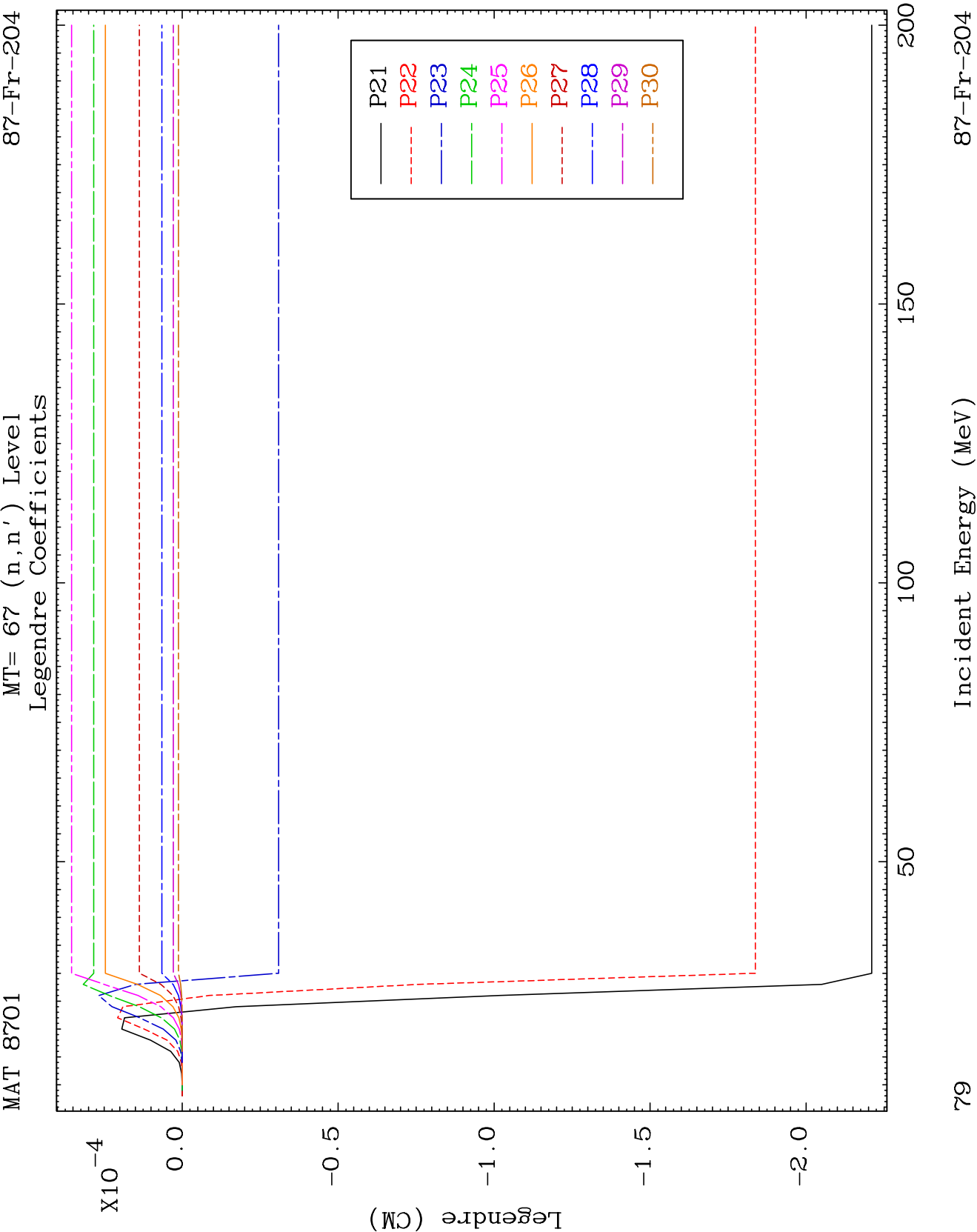
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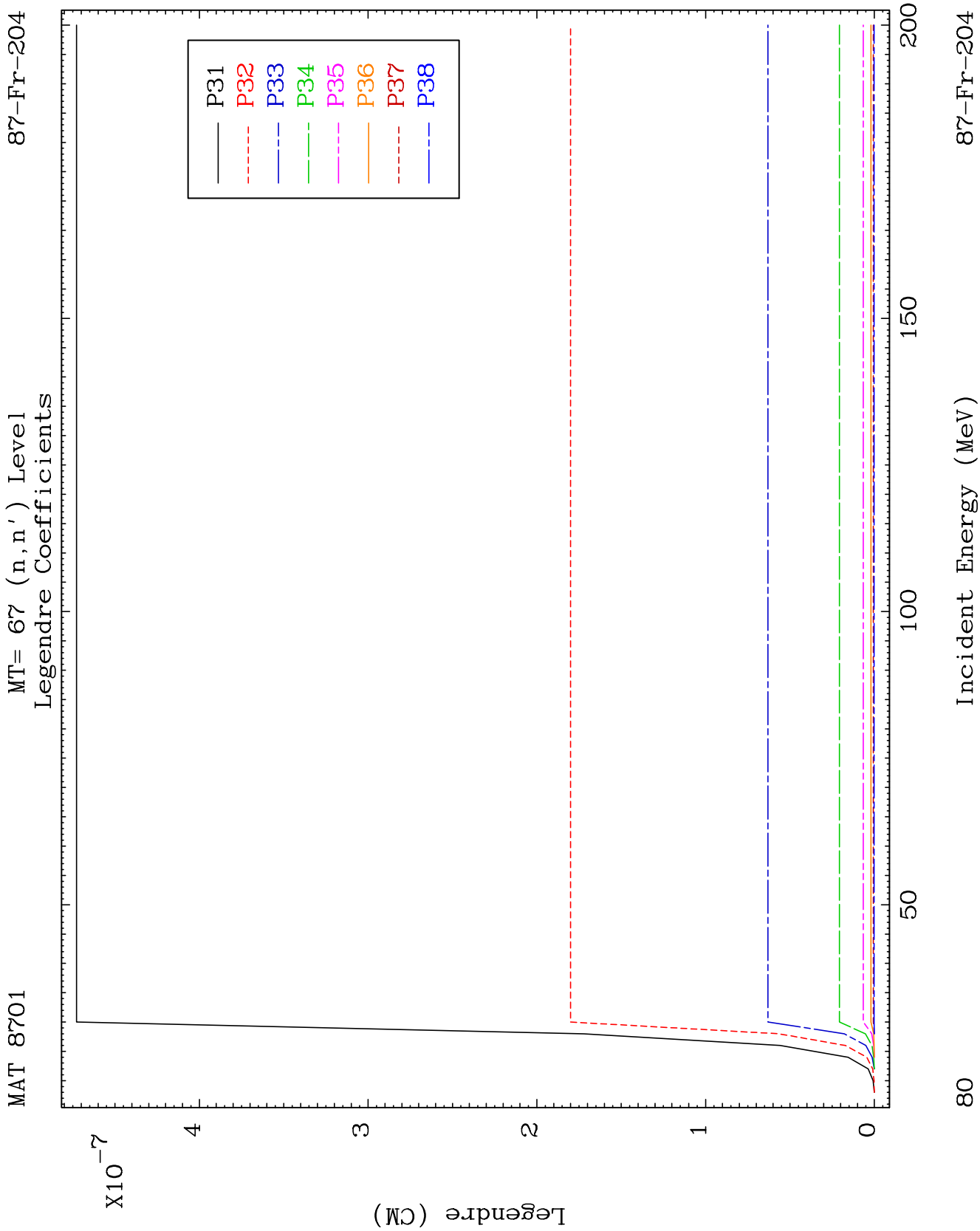


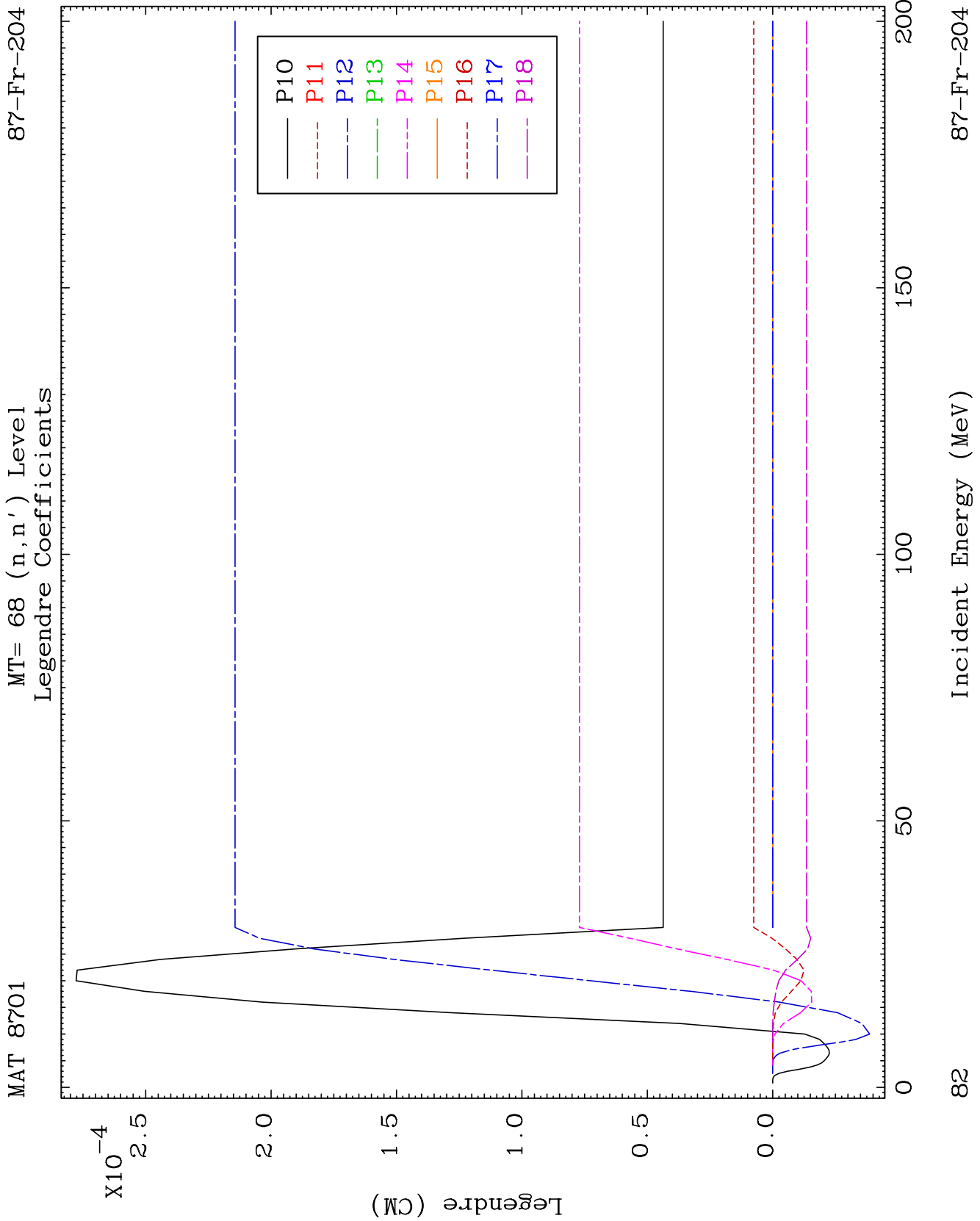


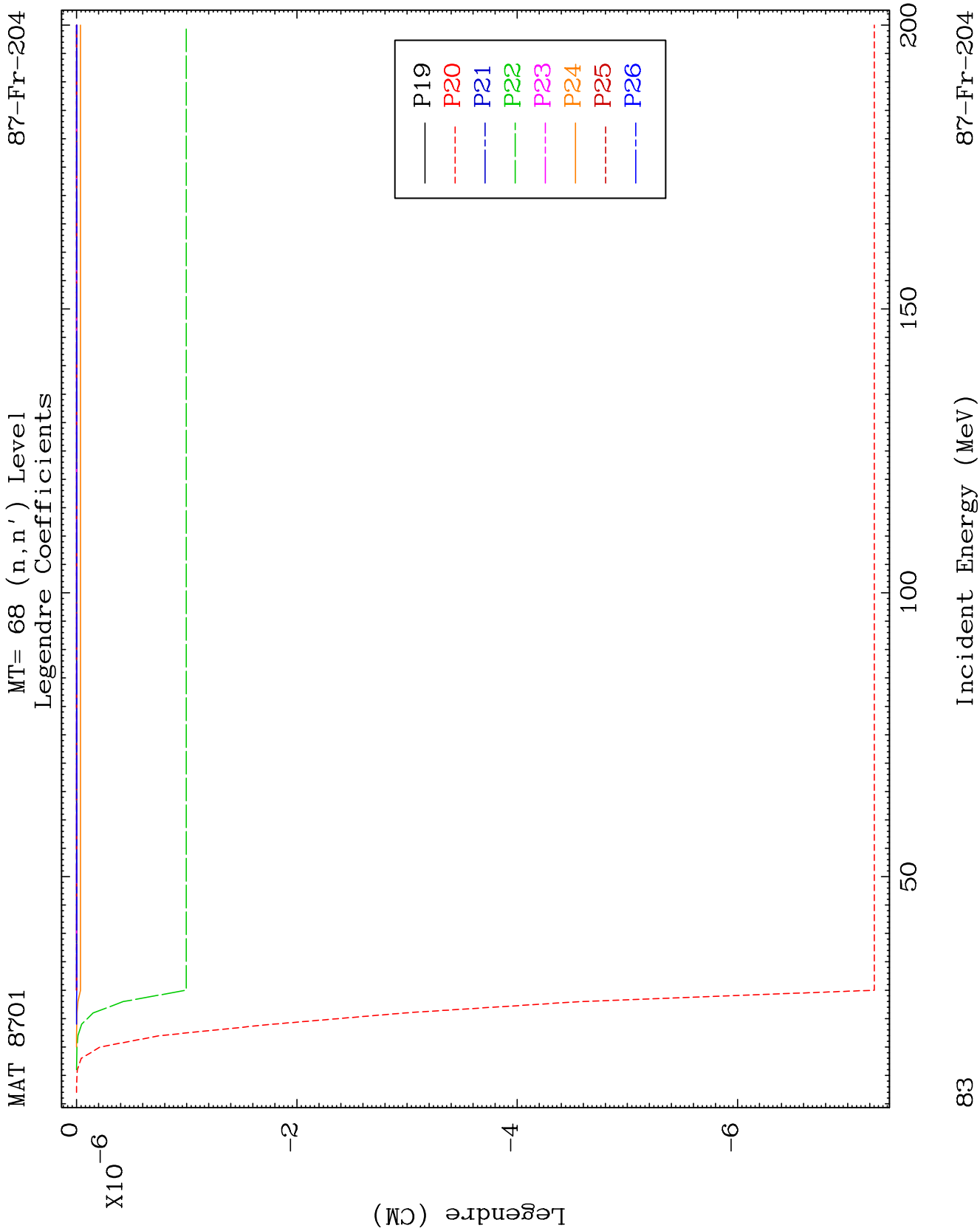








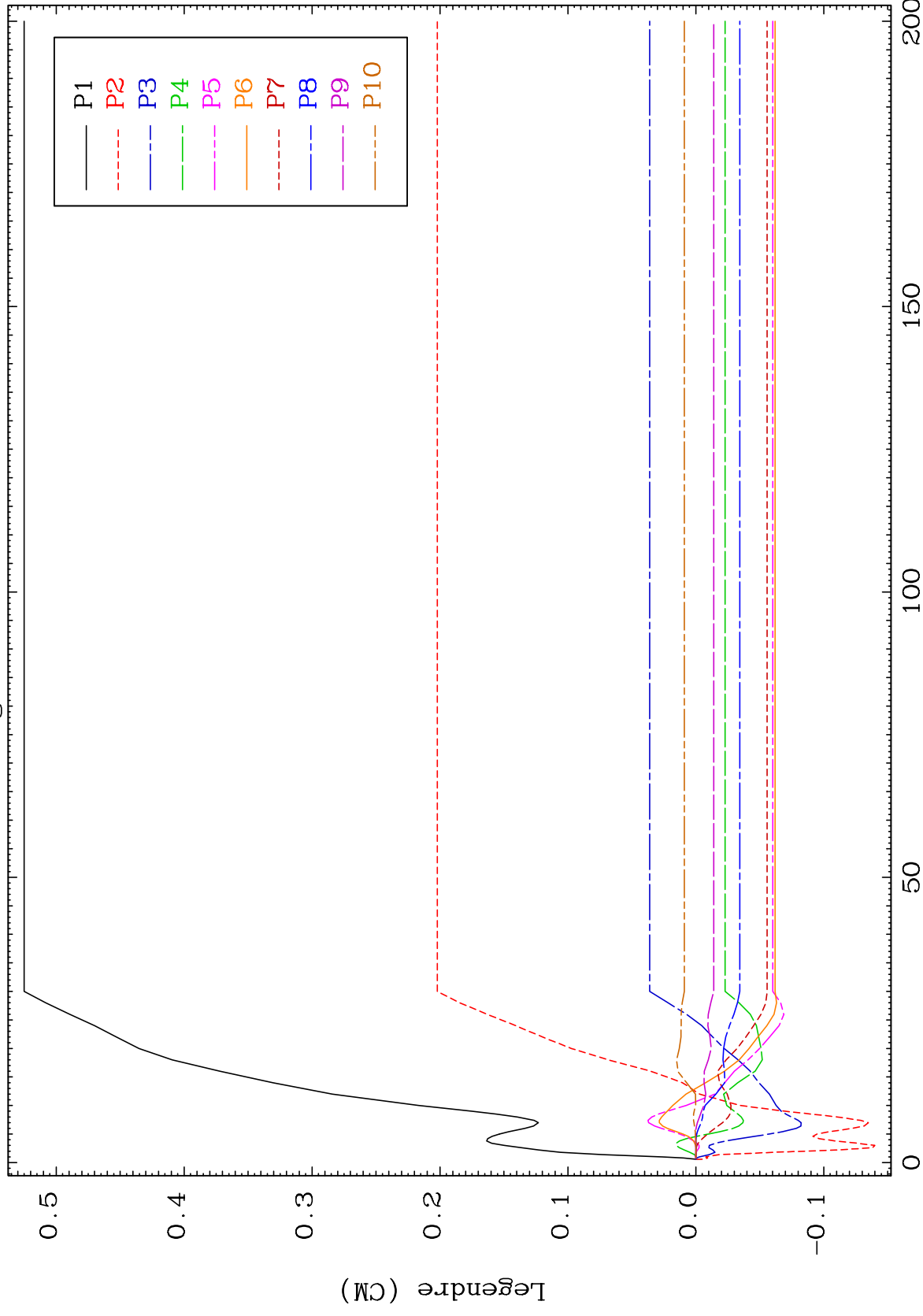




MAT 8701

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

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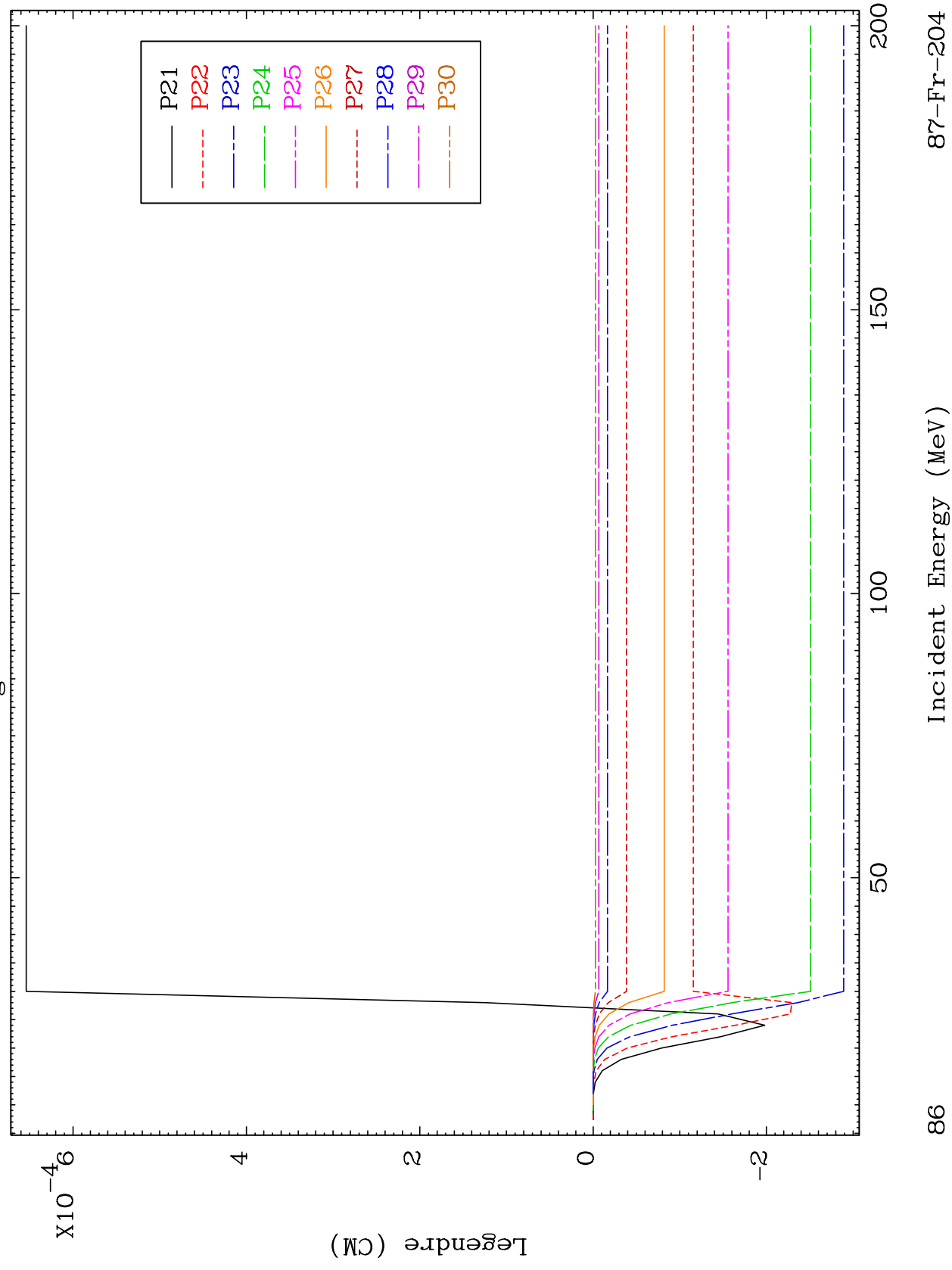
Incident Energy (MeV)

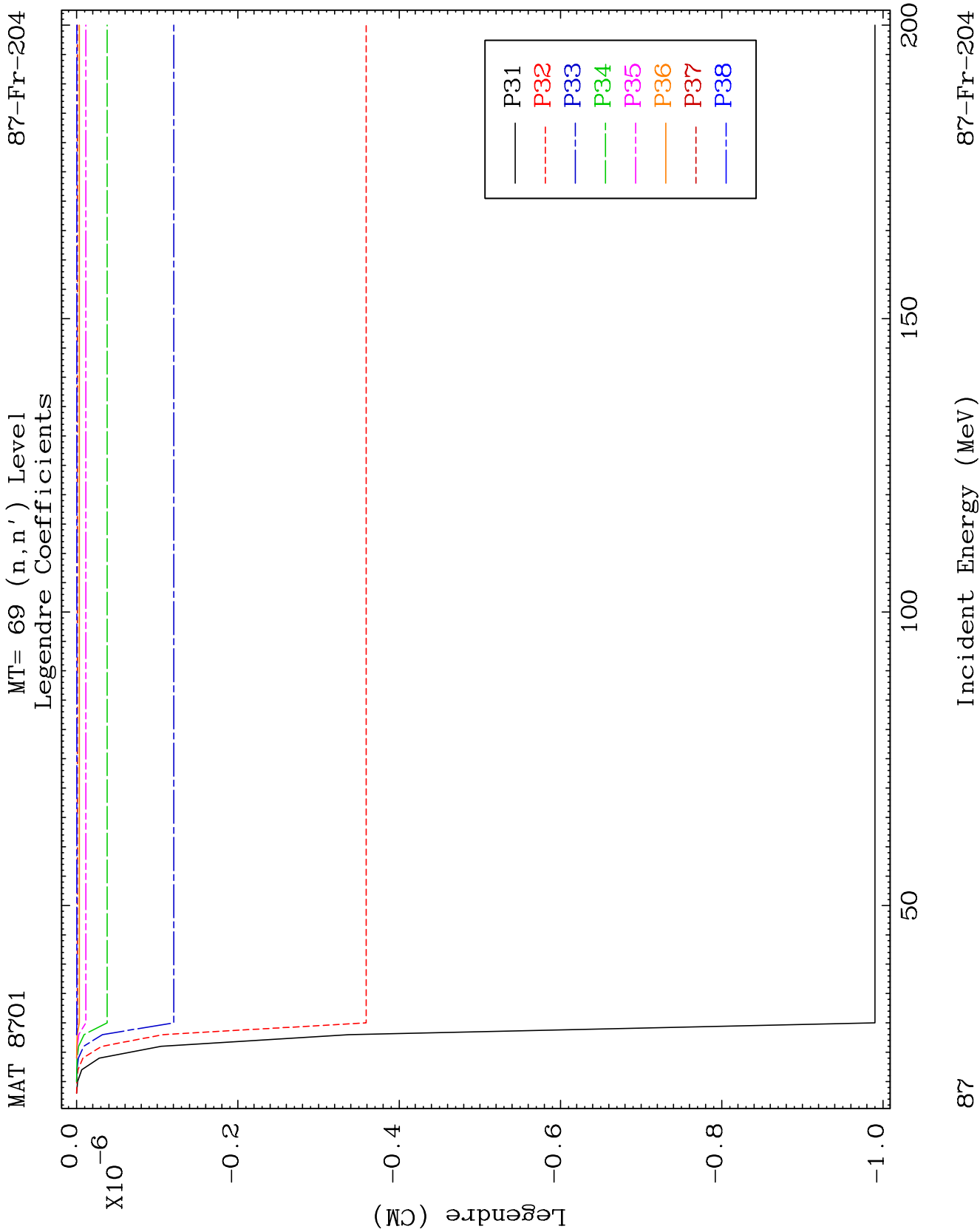
87-Fr-204

MAT 8701

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

87-Fr-204

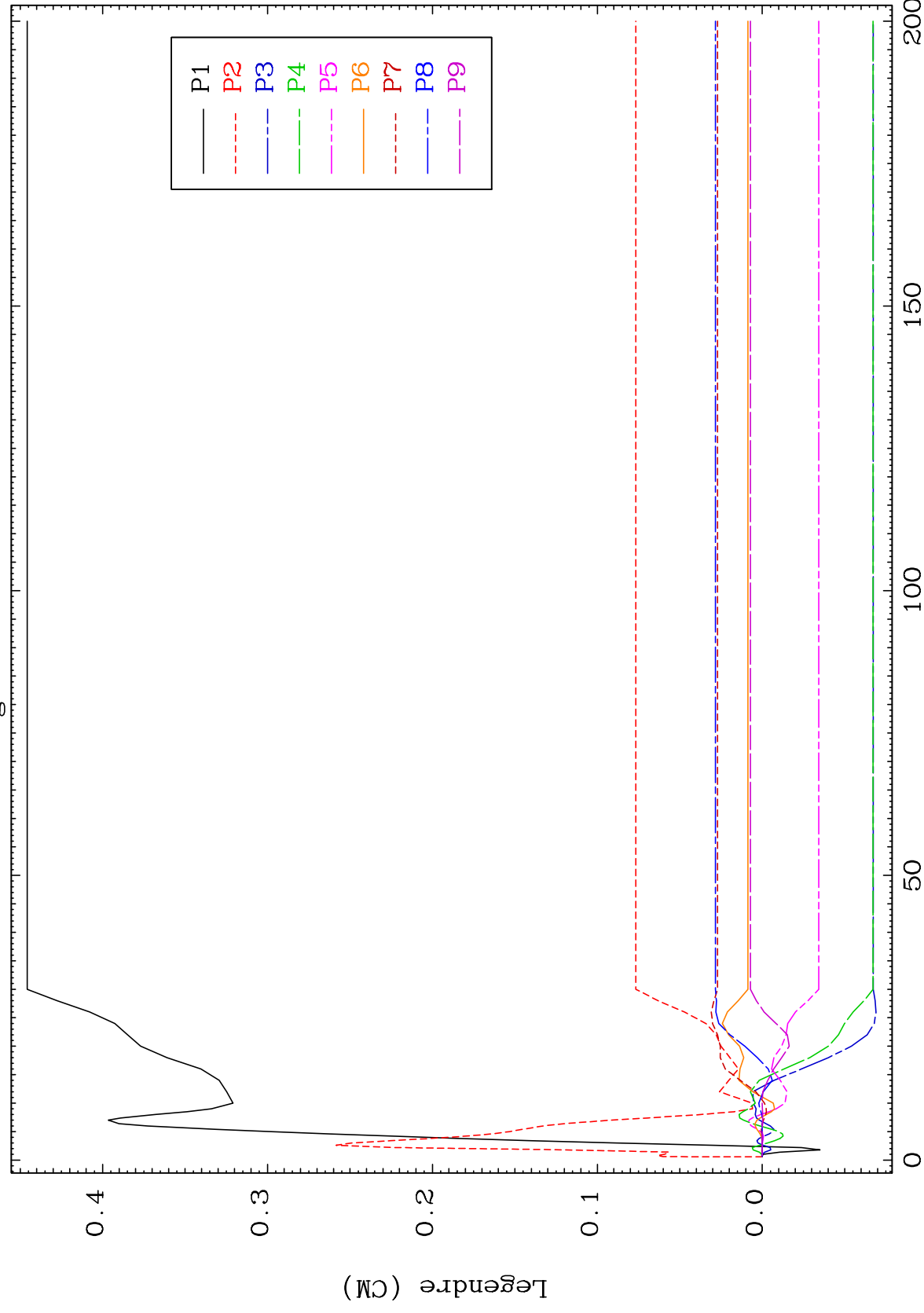




MAT 8701

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

87-Fr-204



88

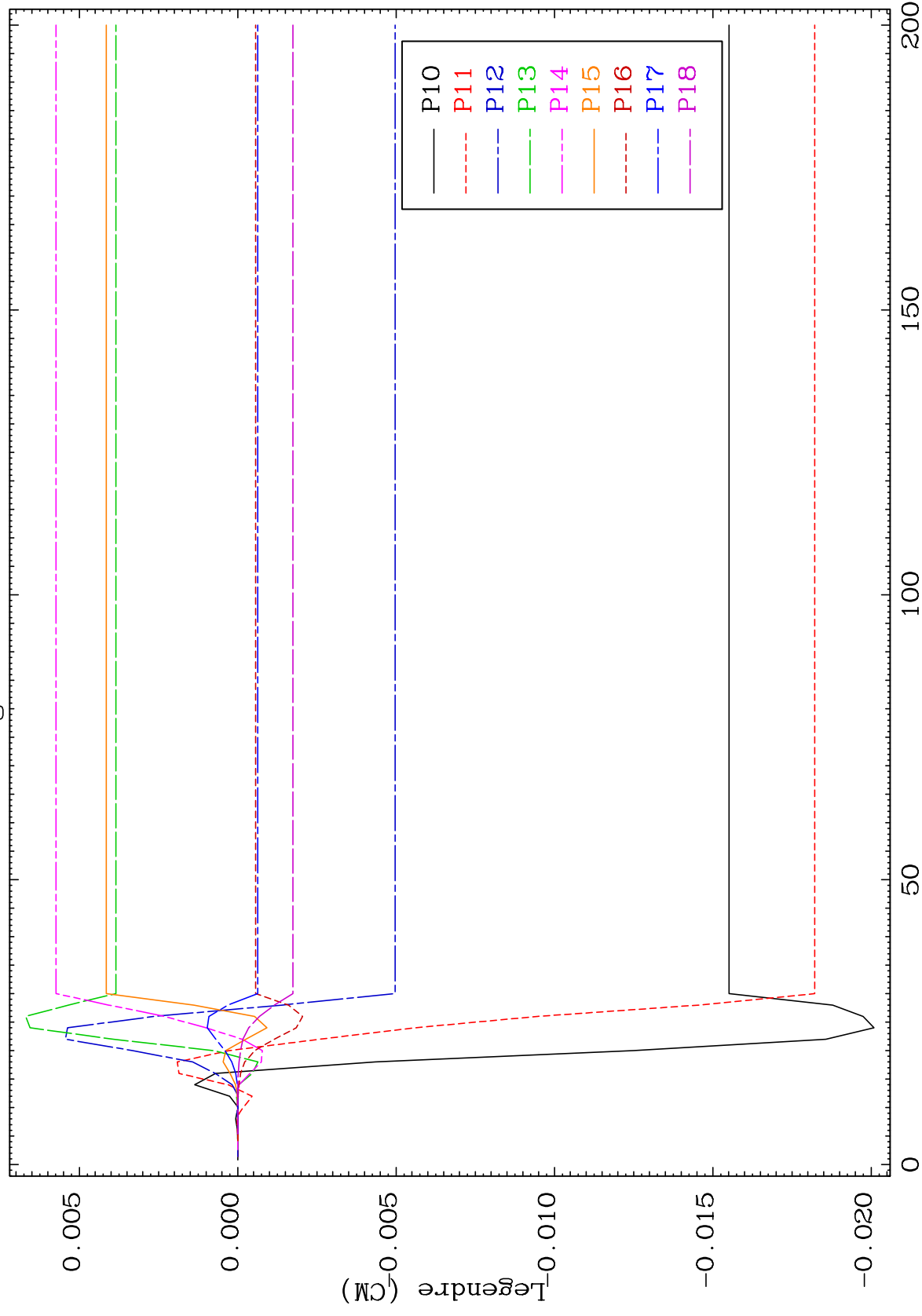
Incident Energy (MeV)

87-Fr-204

MAT 8701

87-Fr-204

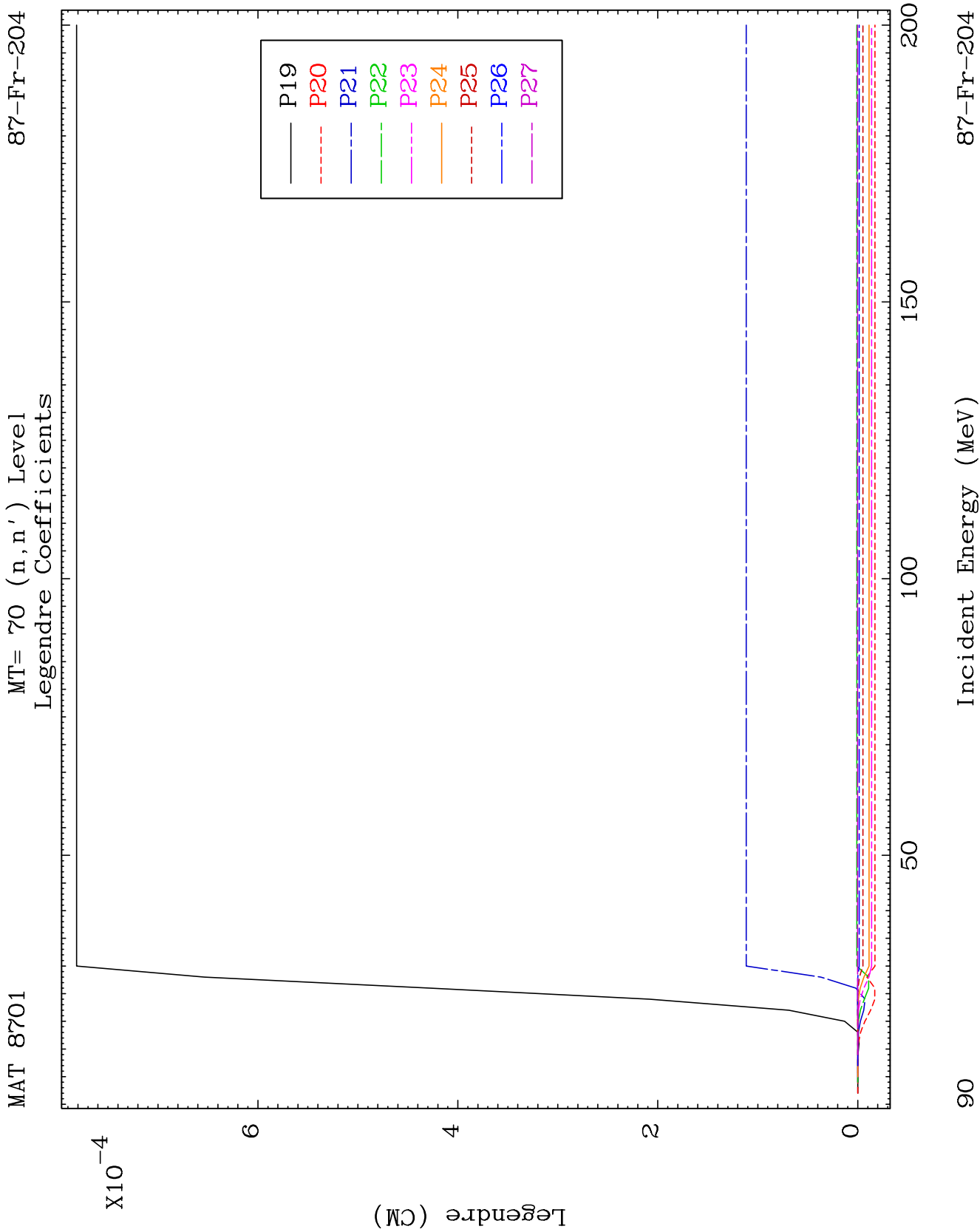
MT= 70 (n, n') Level
Legendre Coefficients

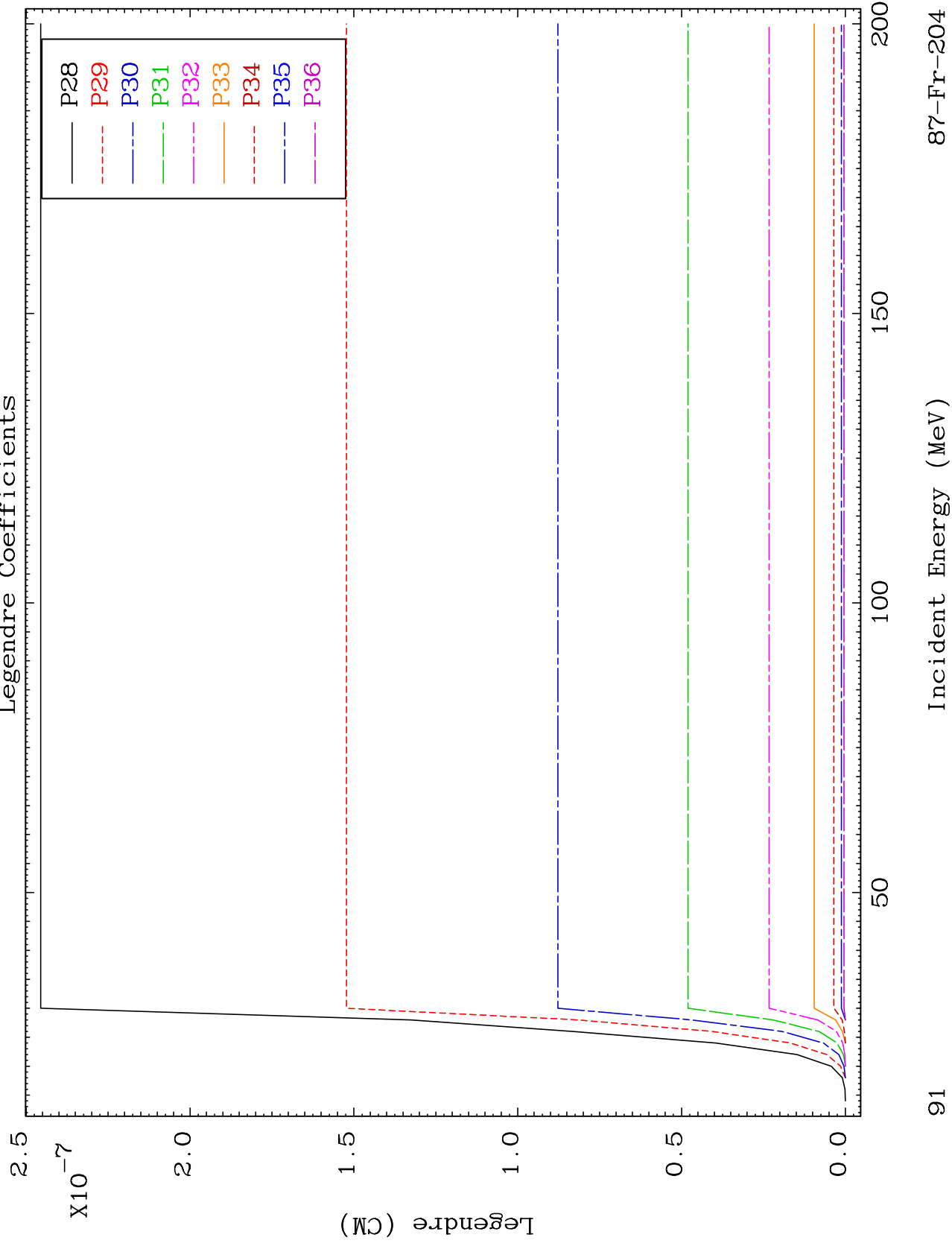


88

Incident Energy (MeV)

87-Fr-204

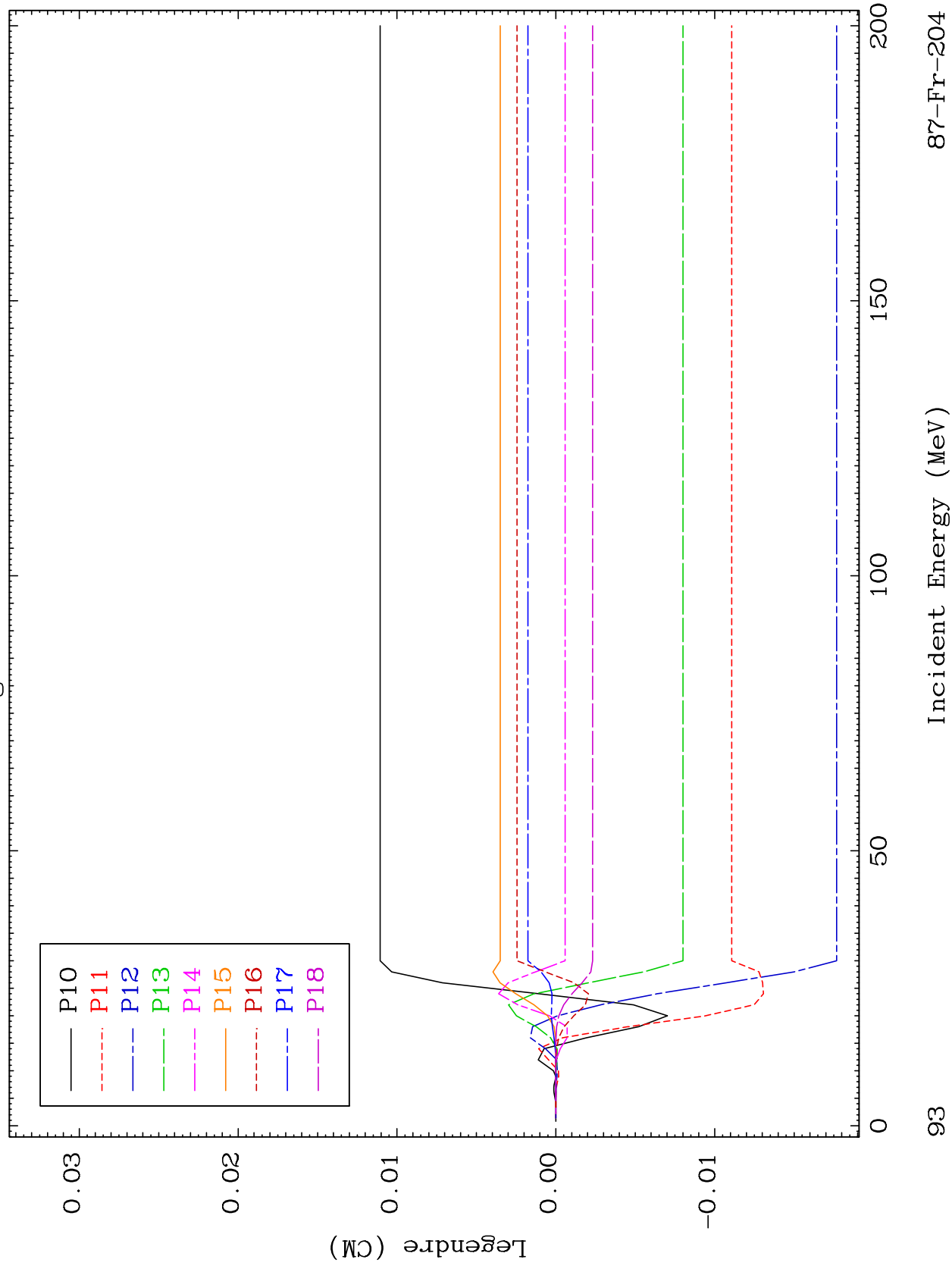


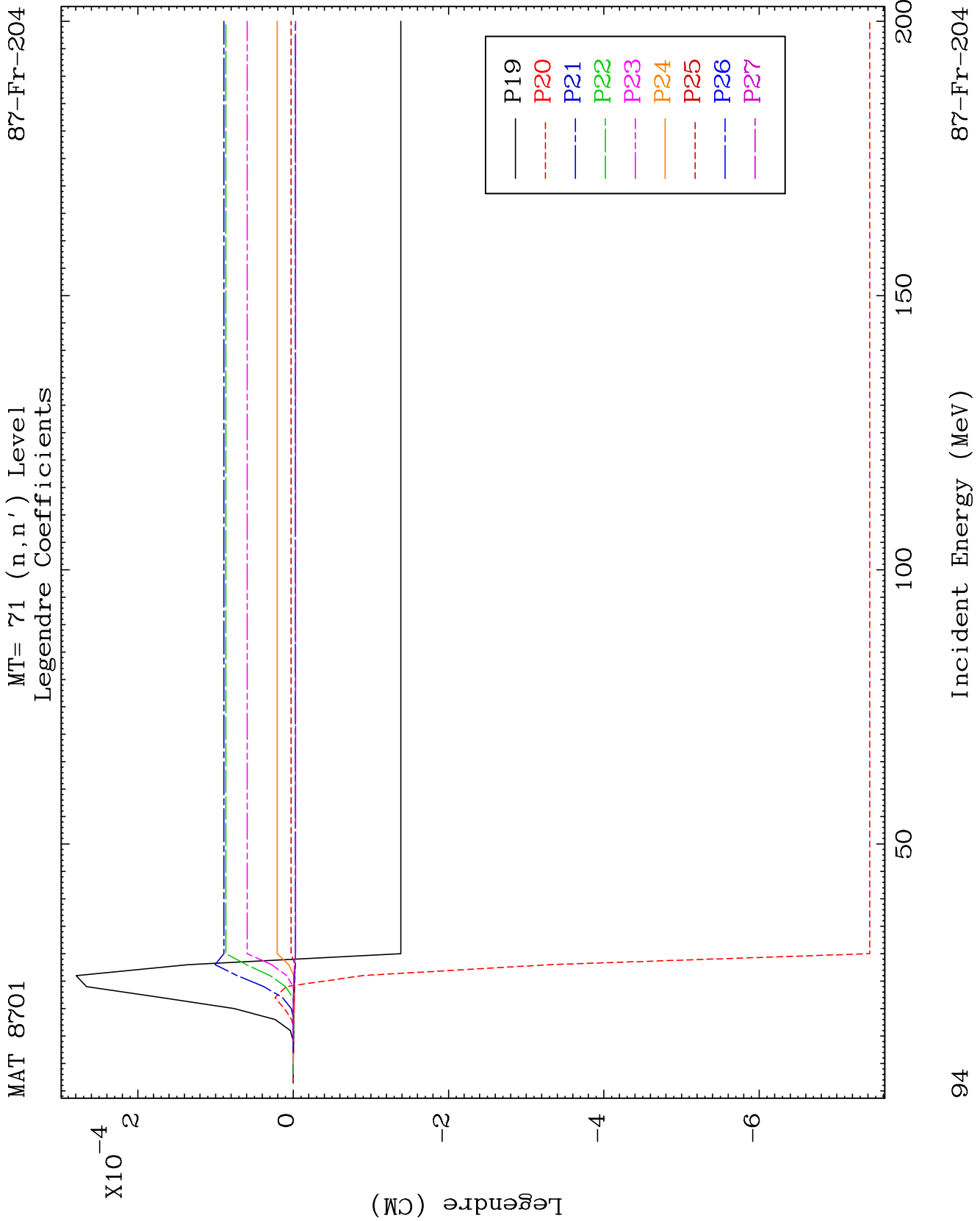


MAT 8701

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

87-Fr-204

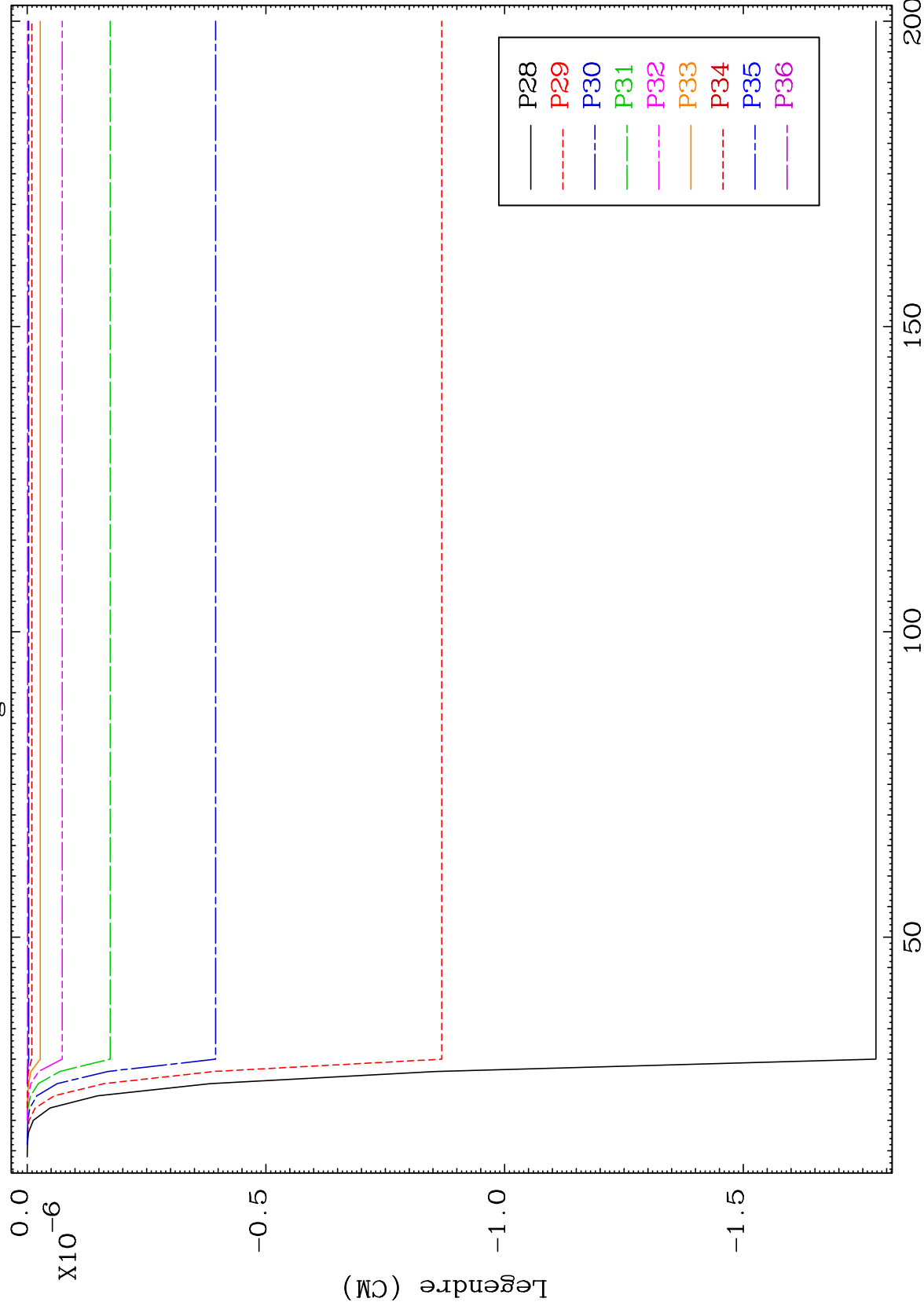




MAT 8701

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

87-Fr-204



56

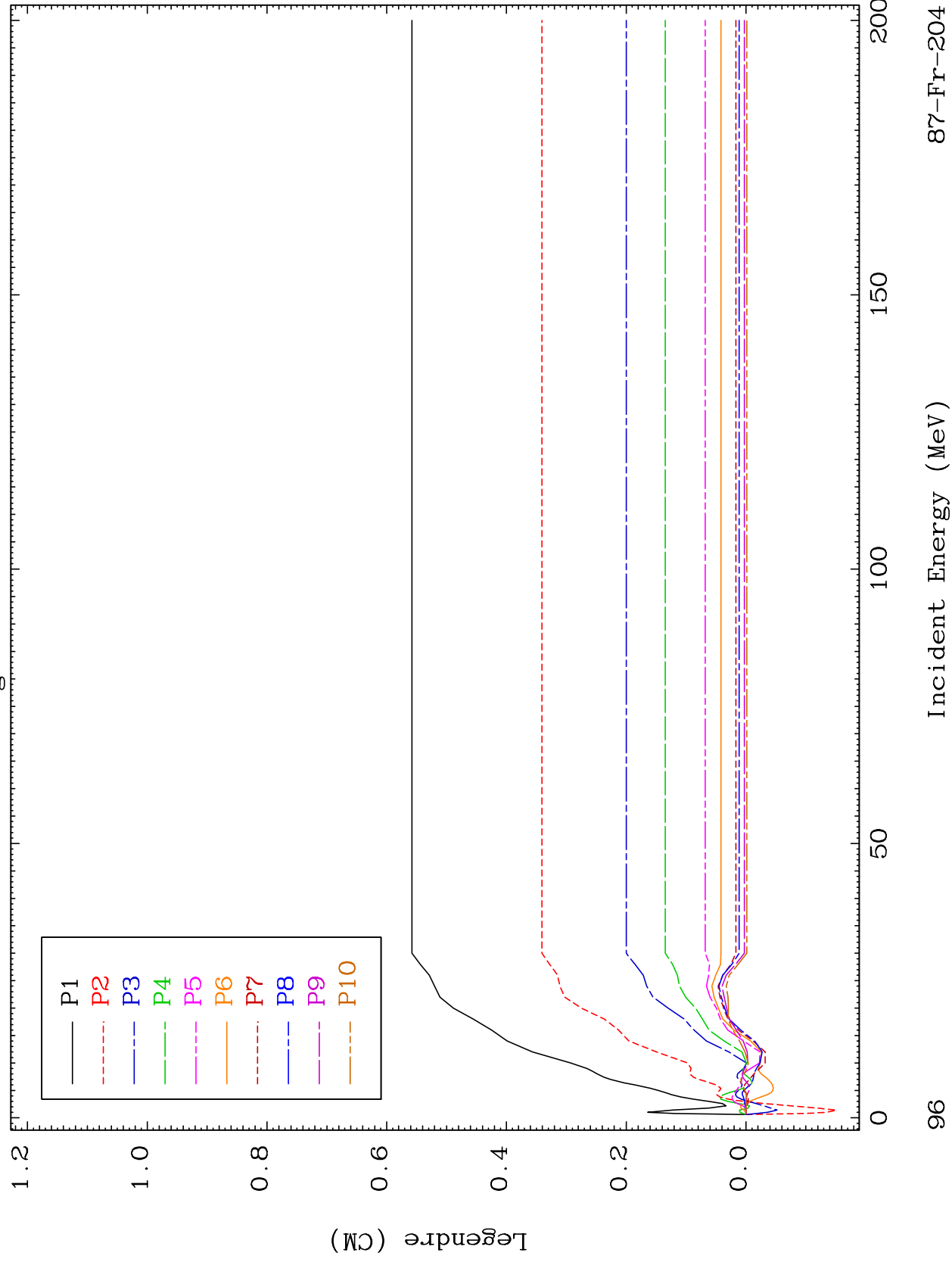
Incident Energy (MeV)

87-Fr-204

MAT 8701

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

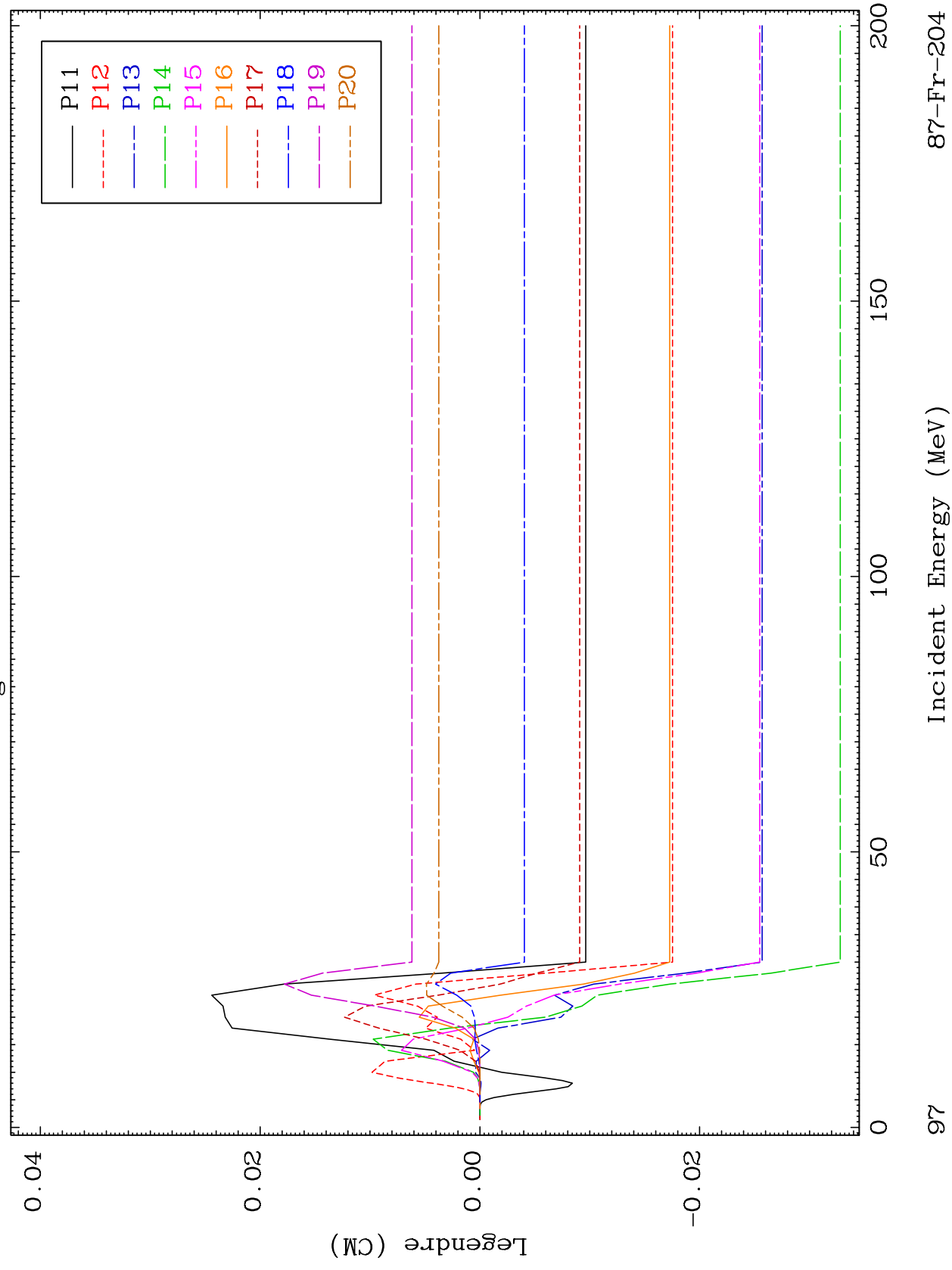
87-Fr-204



MAT 8701

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

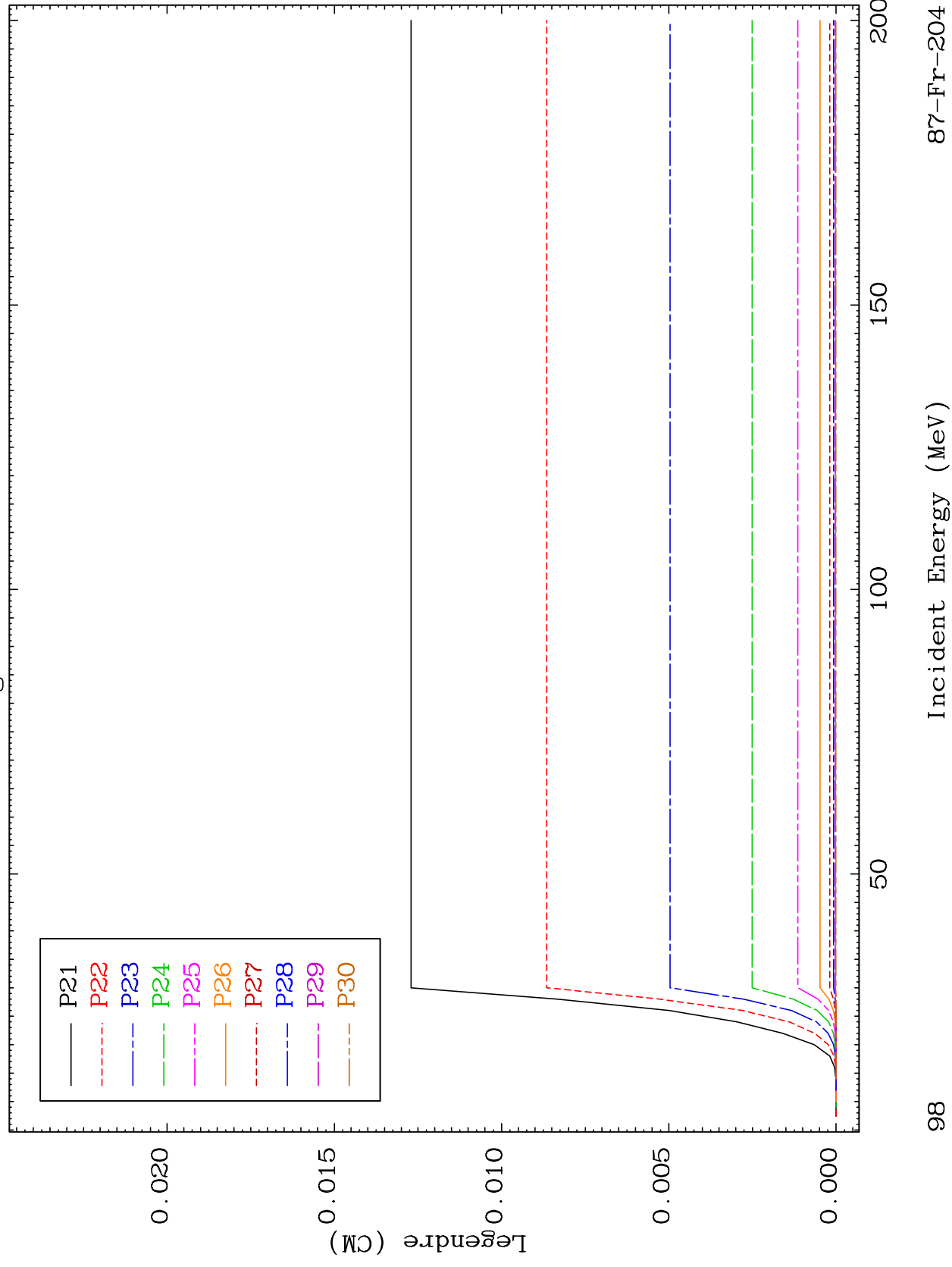
87-Fr-204

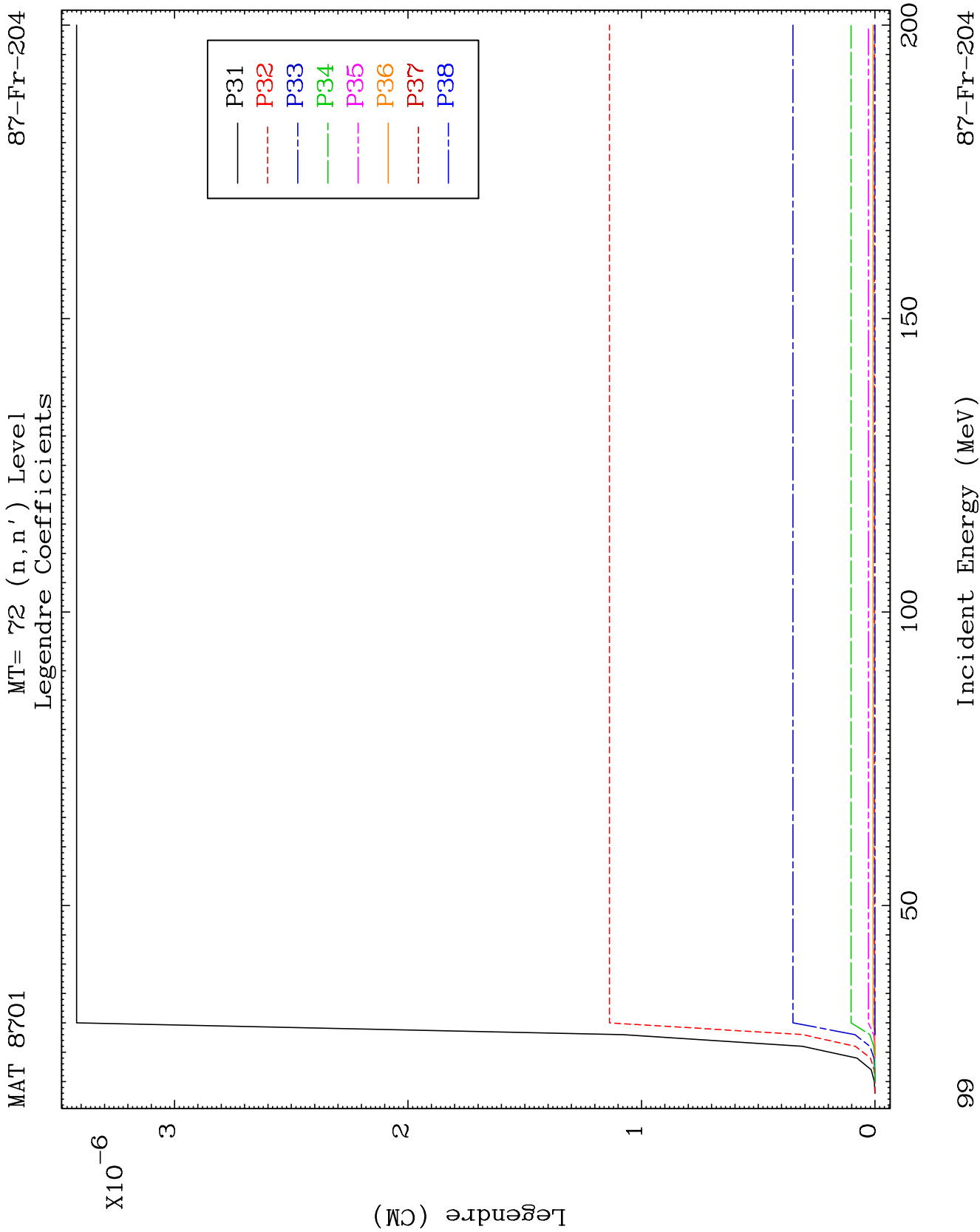


MAT 8701

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

87-Fr-204

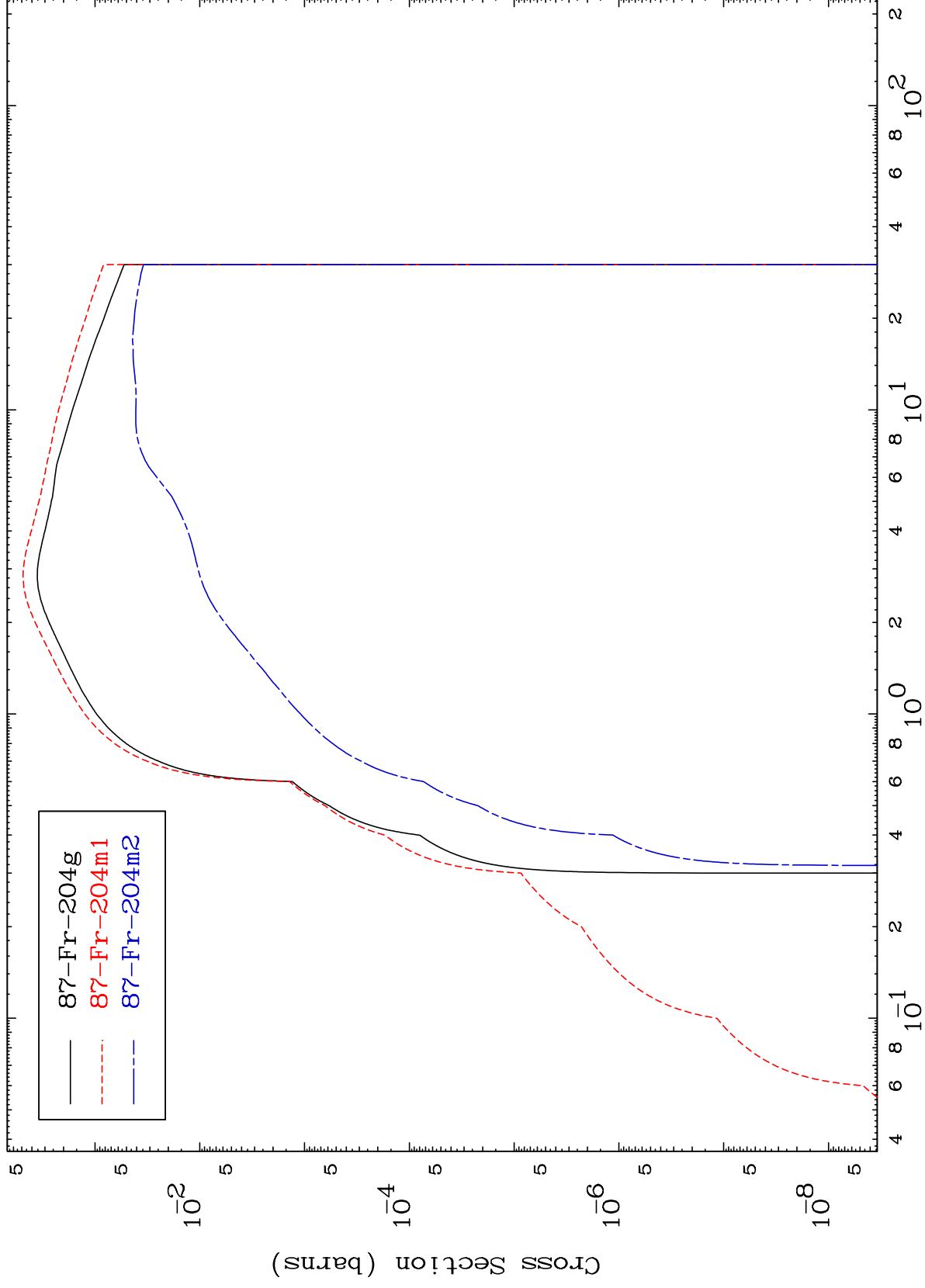




MAT 8701

87-Fr-204

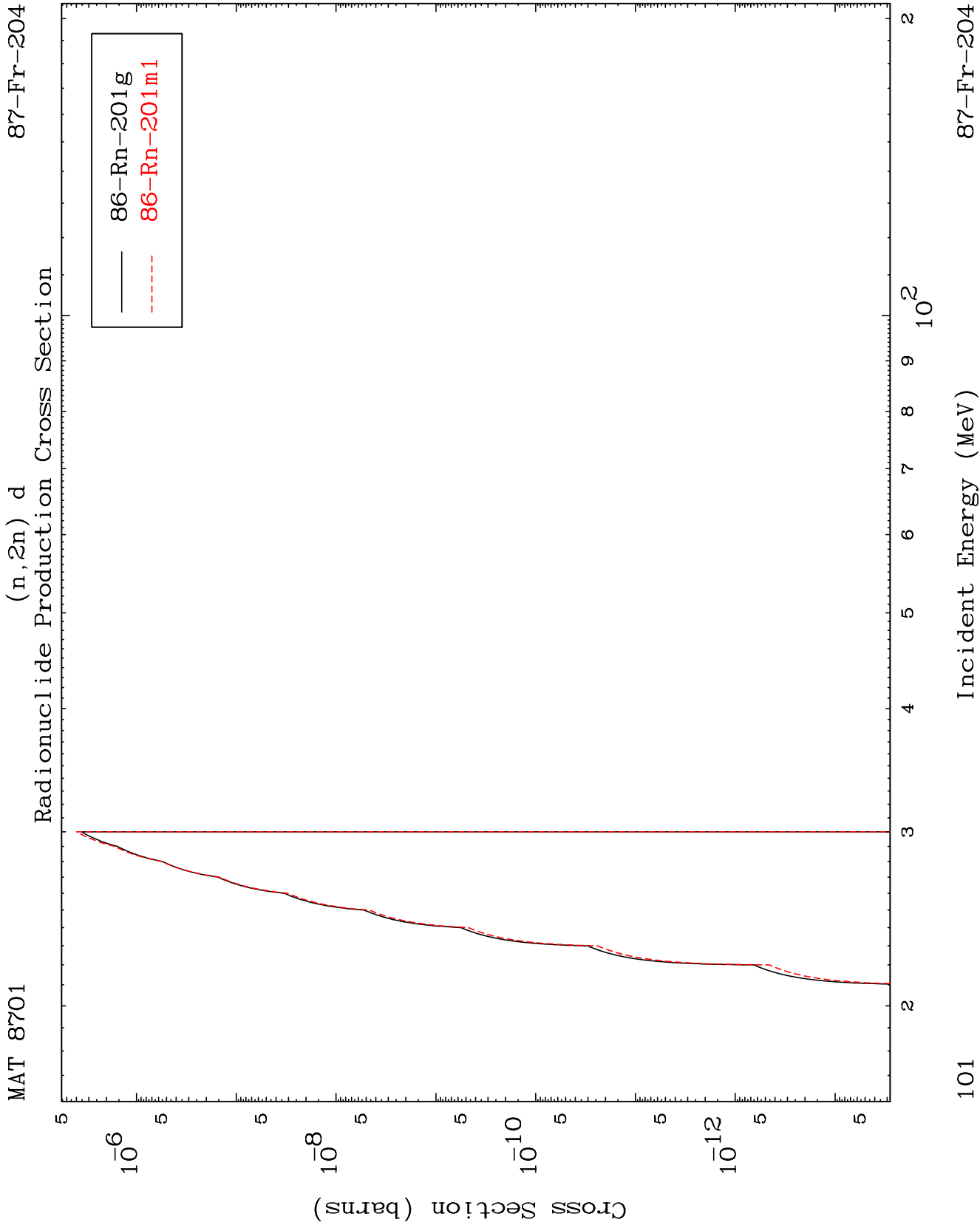
Radionuclide Production Cross Section



87-Fr-204

Incident Energy (MeV)

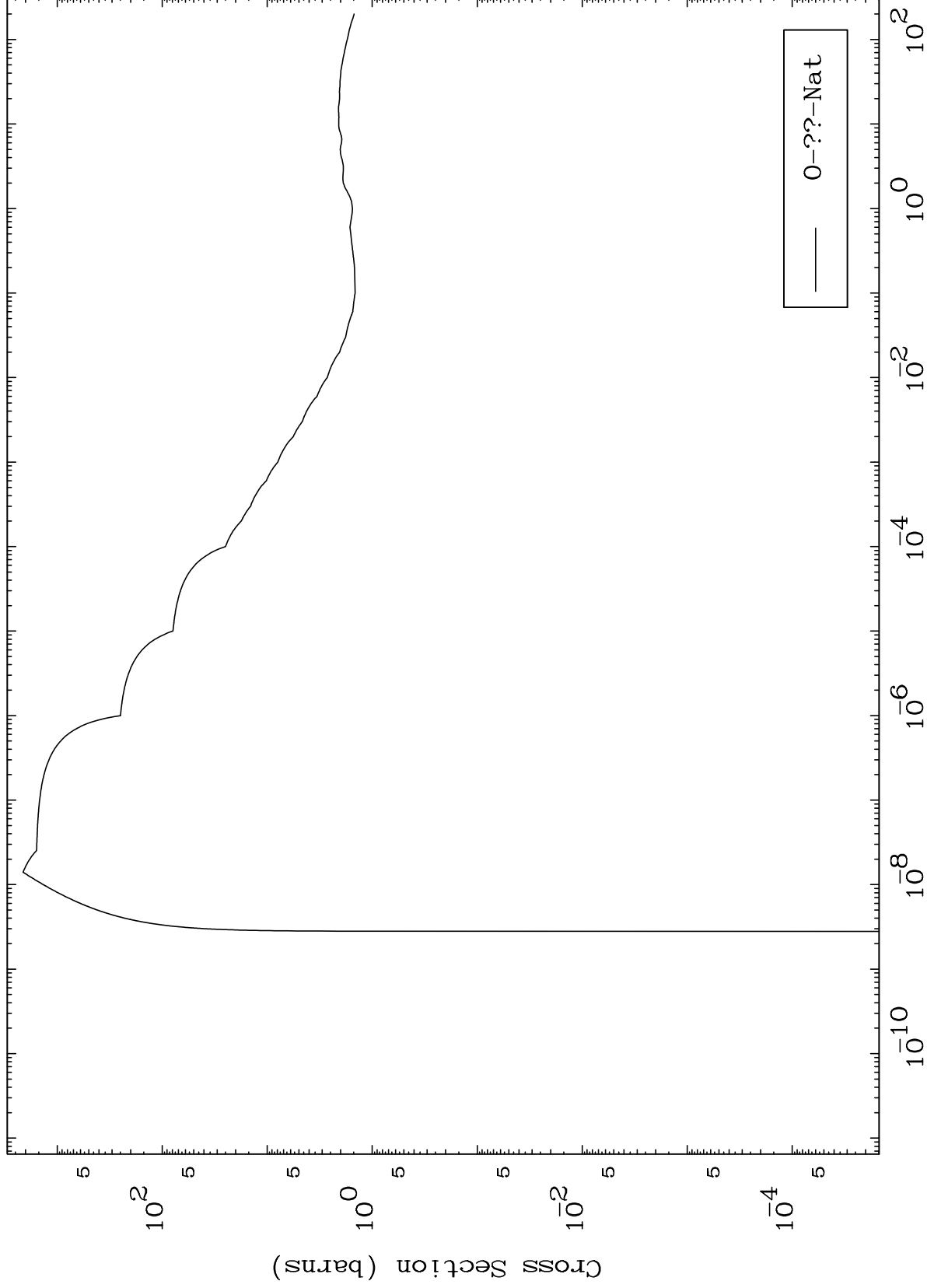
100



MAT 8701

87-Fr-204

Fission
Radionuclide Production Cross Section

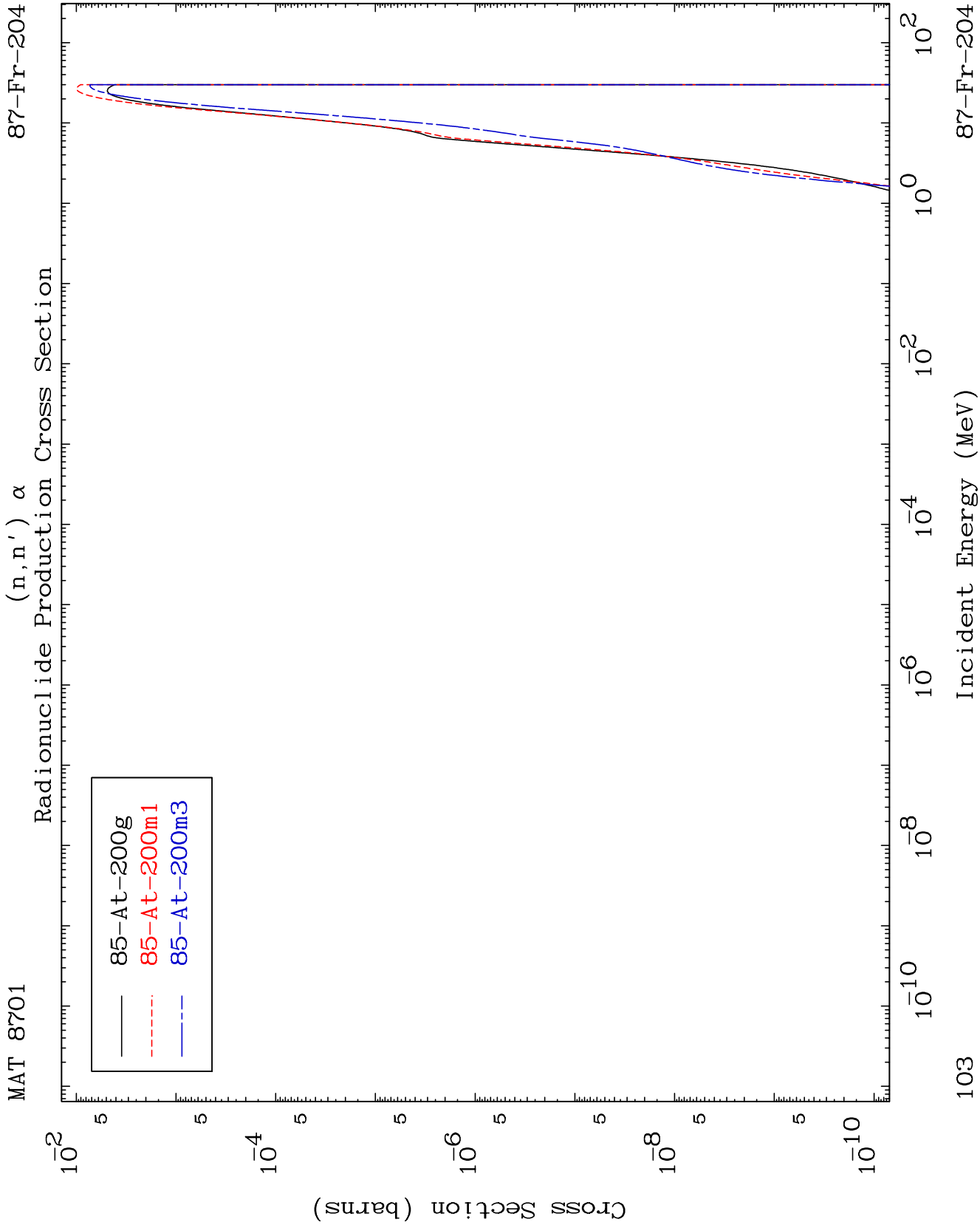


0-??-Nat

102

87-Fr-204

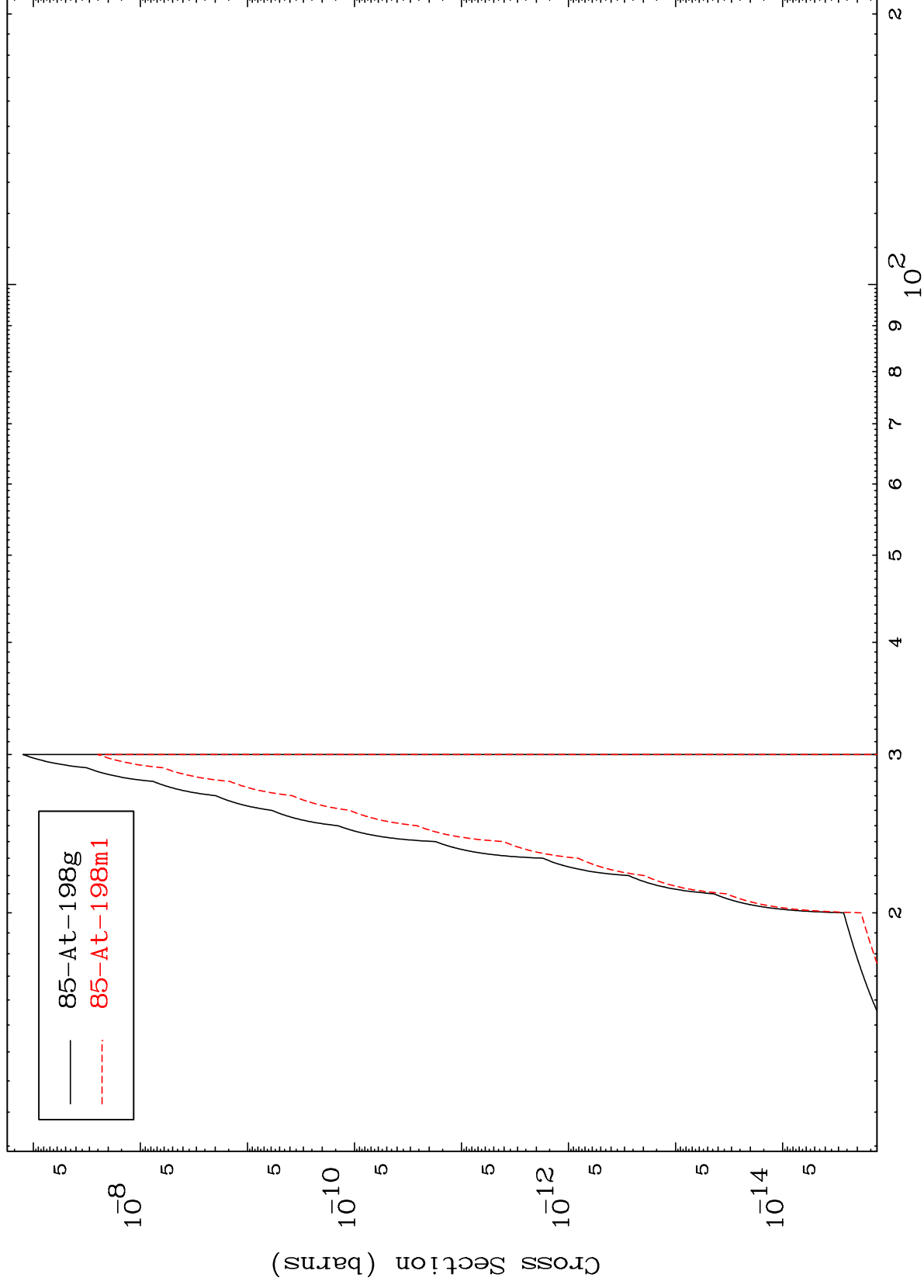
Incident Energy (MeV)



MAT 8701

87-Fr-204

(n,3n) α
Radionuclide Production Cross Section



87-Fr-204

Incident Energy (MeV)

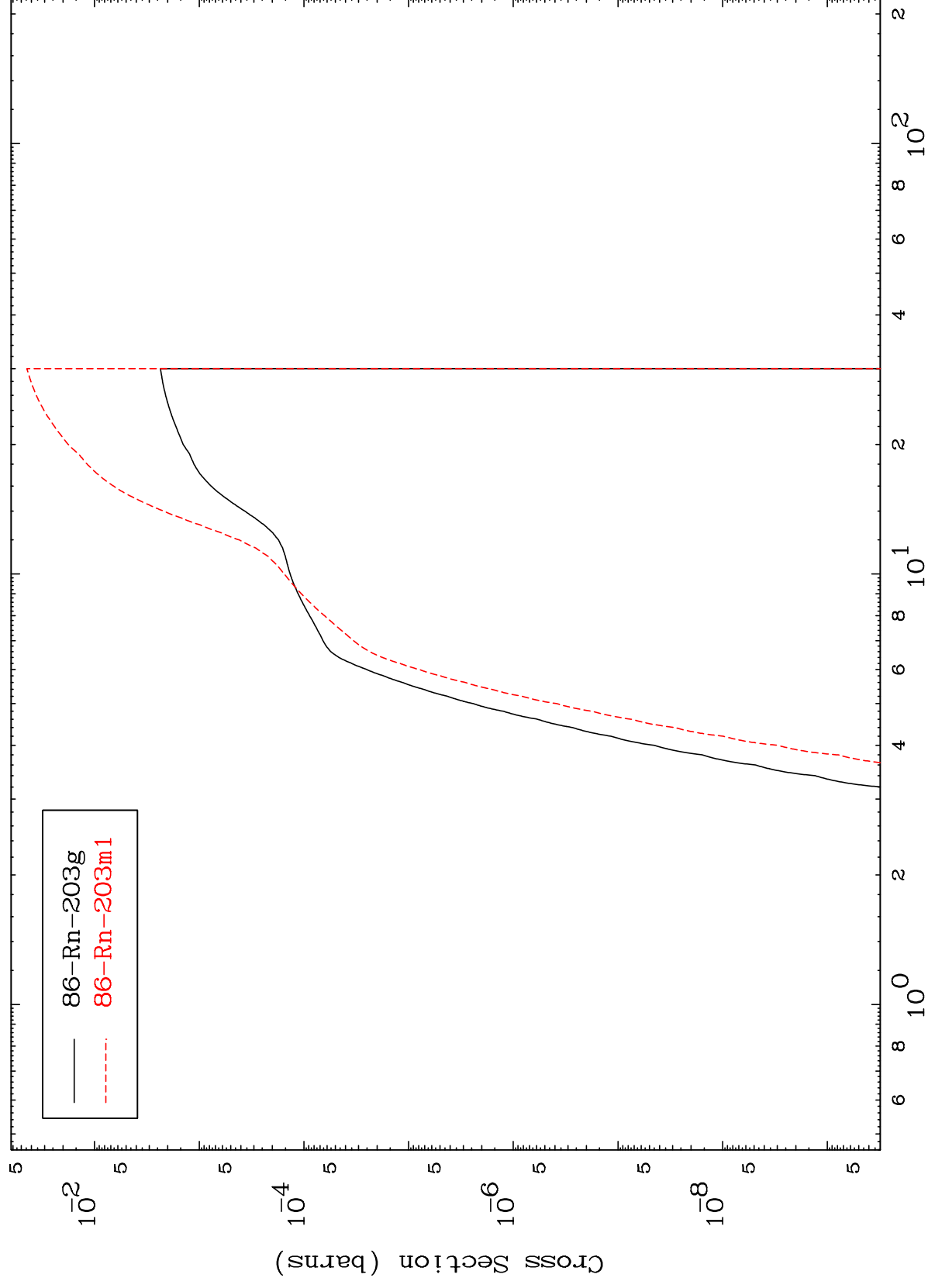
104

MAT 8701

87-Fr-204

$$(n, n')$$

Radionuclide Production Cross Section



105

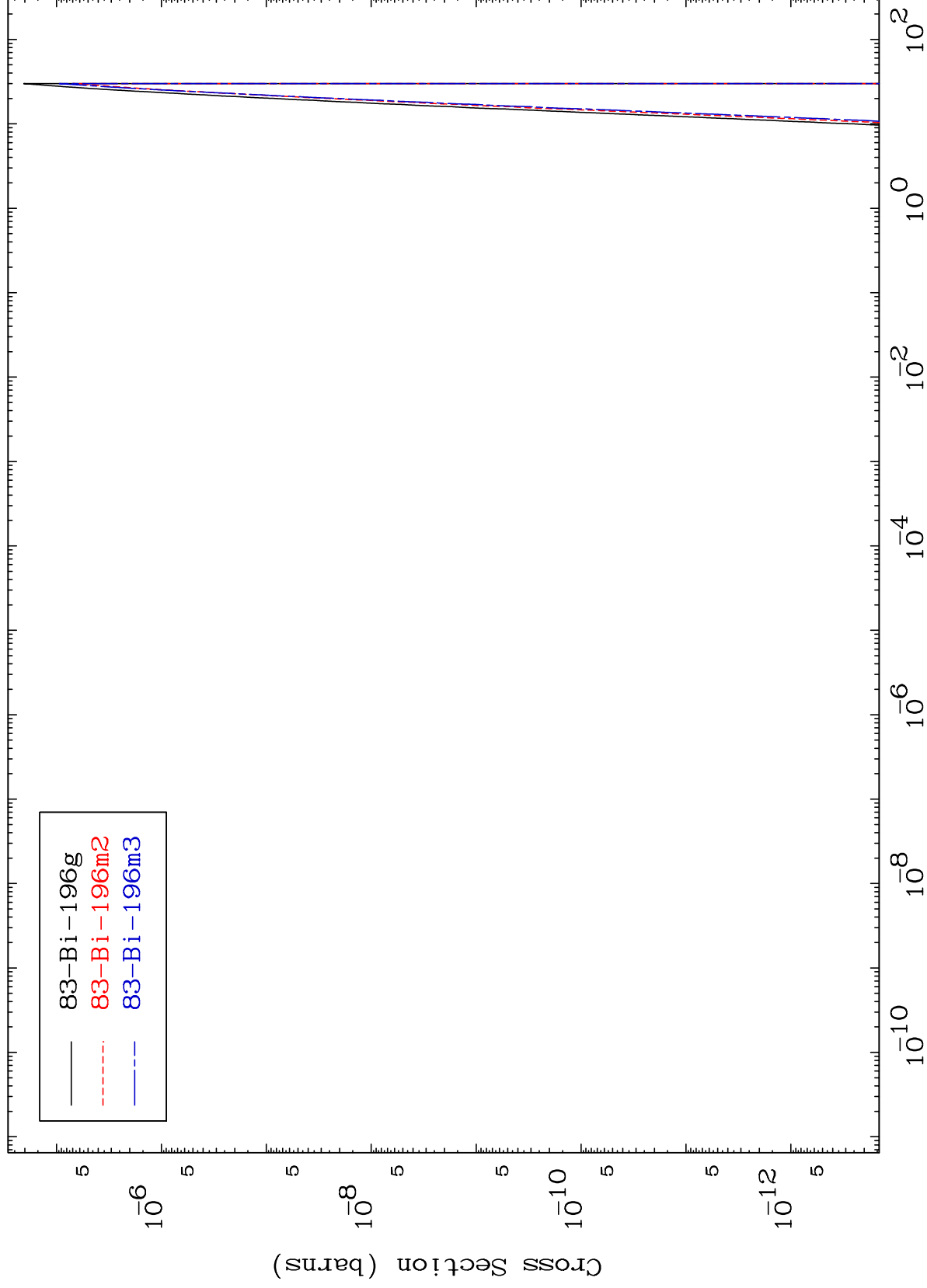
Incident Energy (MeV)

87-Fr-204

MAT 8701

87-Fr-204

(n,n') 2 α
Radionuclide Production Cross Section



87-Fr-204

Incident Energy (MeV)

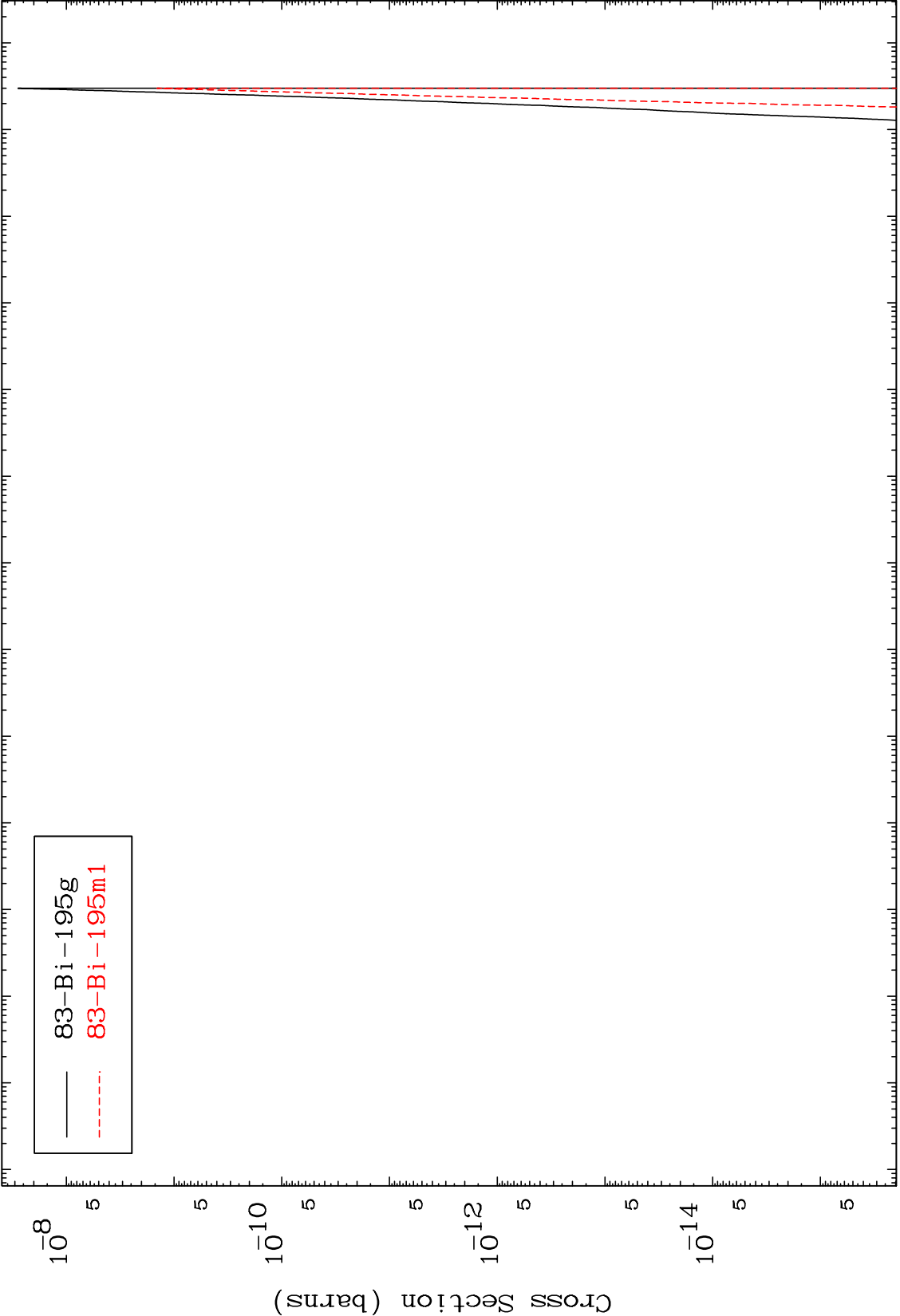
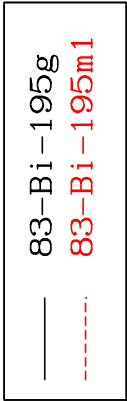
106

MAT 8701

(n,2n) 2 α

87-Fr-204

Radionuclide Production Cross Section



107

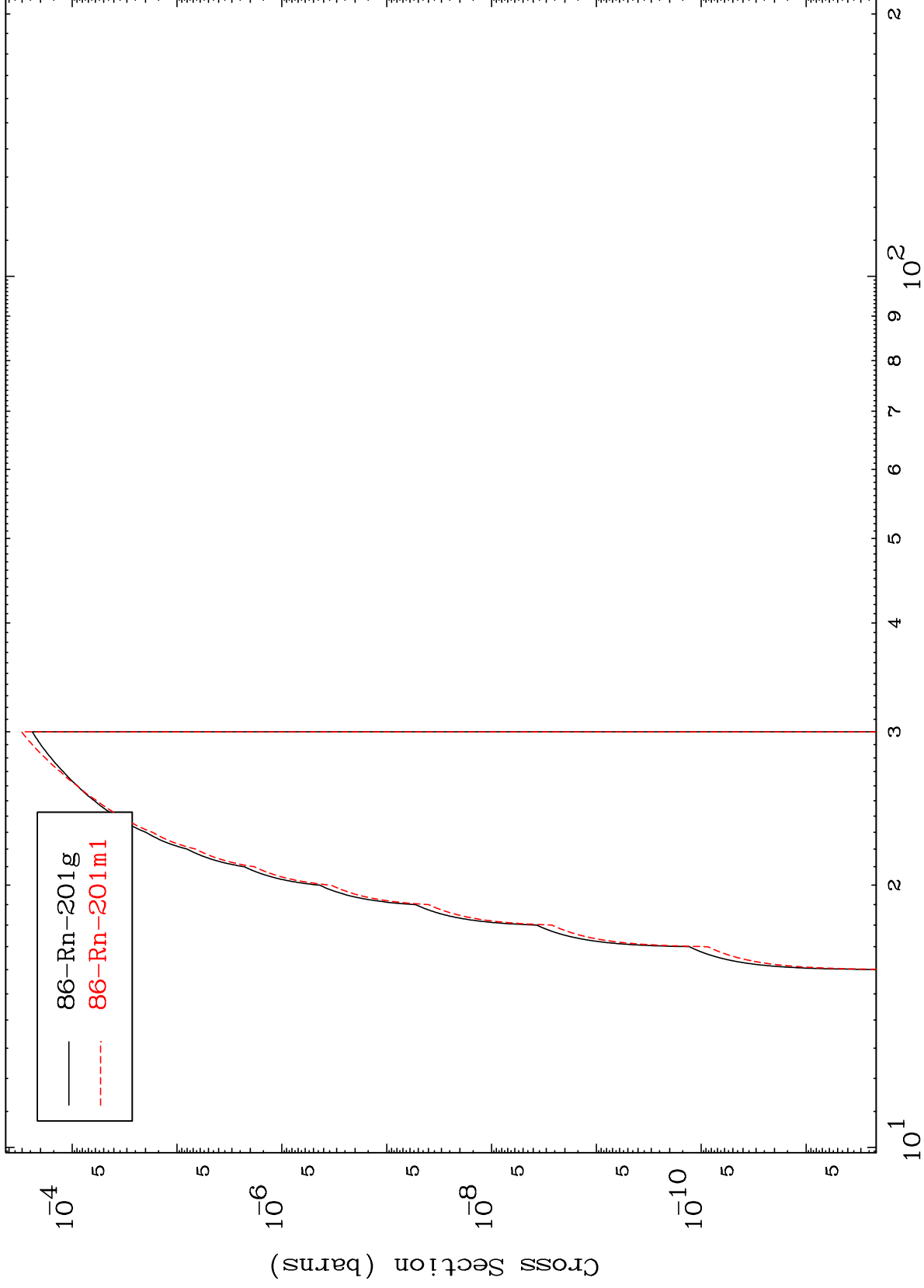
Incident Energy (MeV)

87-Fr-204

MAT 8701

87-Fr-204

(n,n') t
Radionuclide Production Cross Section



87-Fr-204

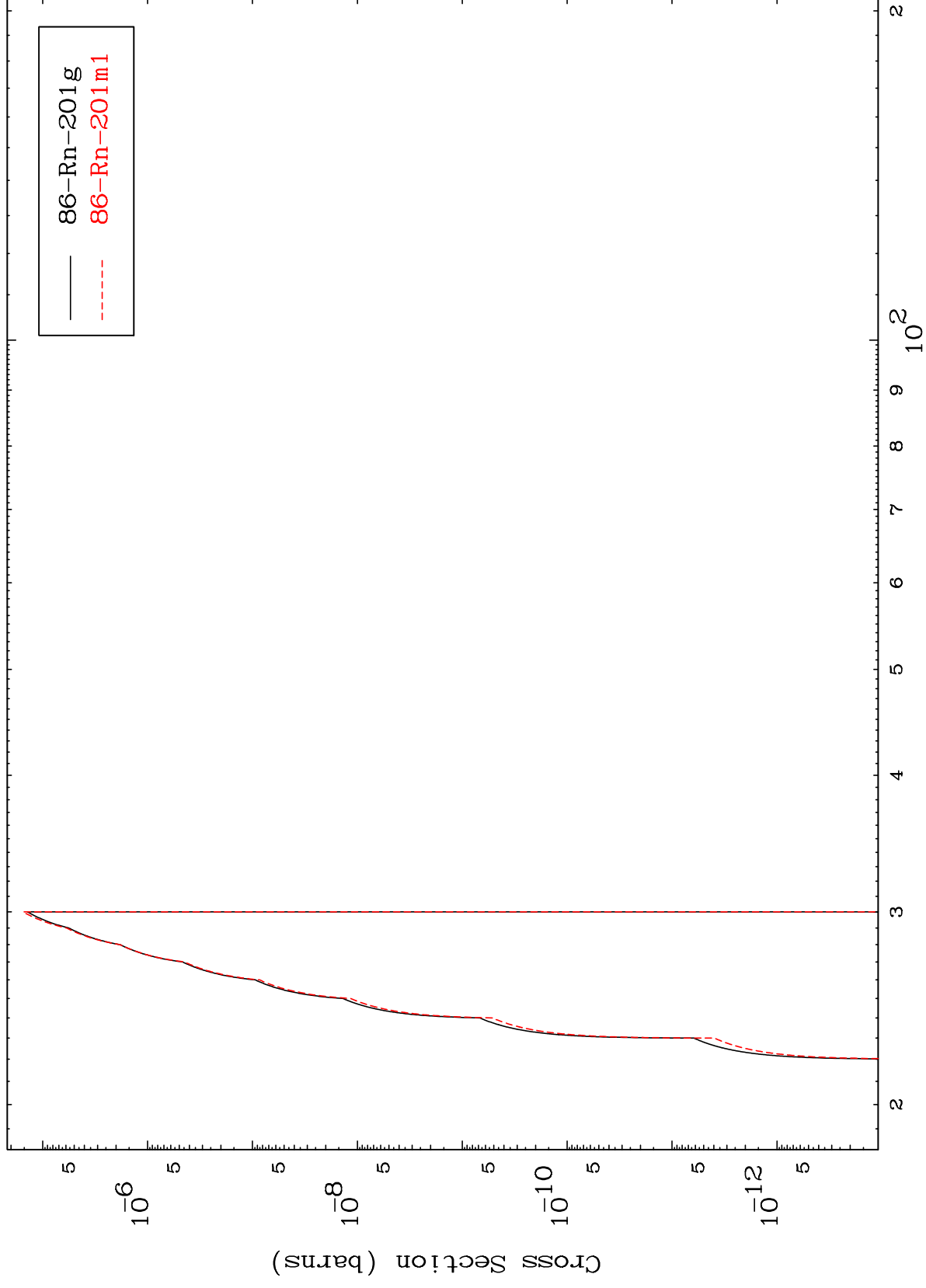
Incident Energy (MeV)

108

MAT 8701

87-Fr-204

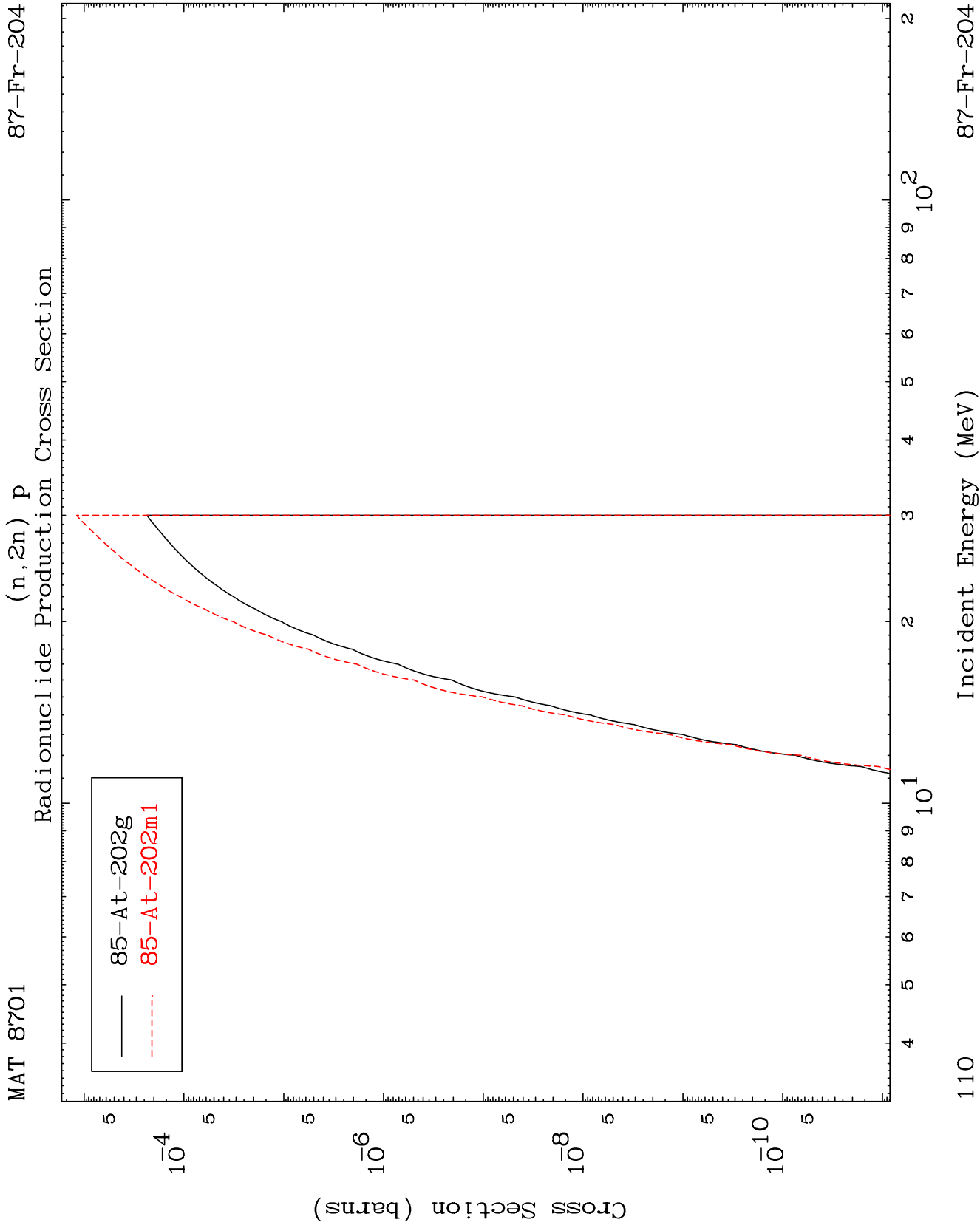
(n,3n) p
Radionuclide Production Cross Section

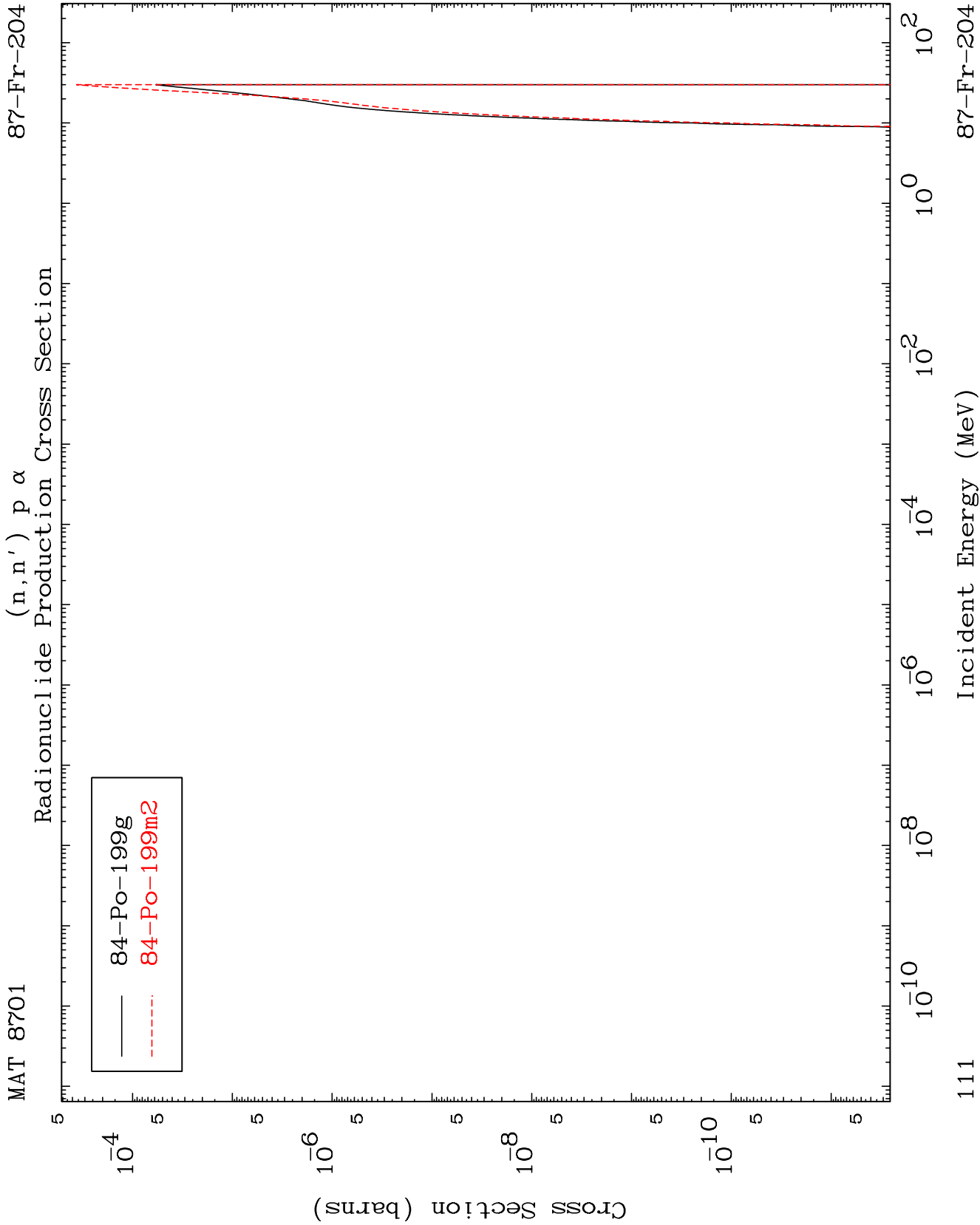


109

Incident Energy (MeV)

87-Fr-204



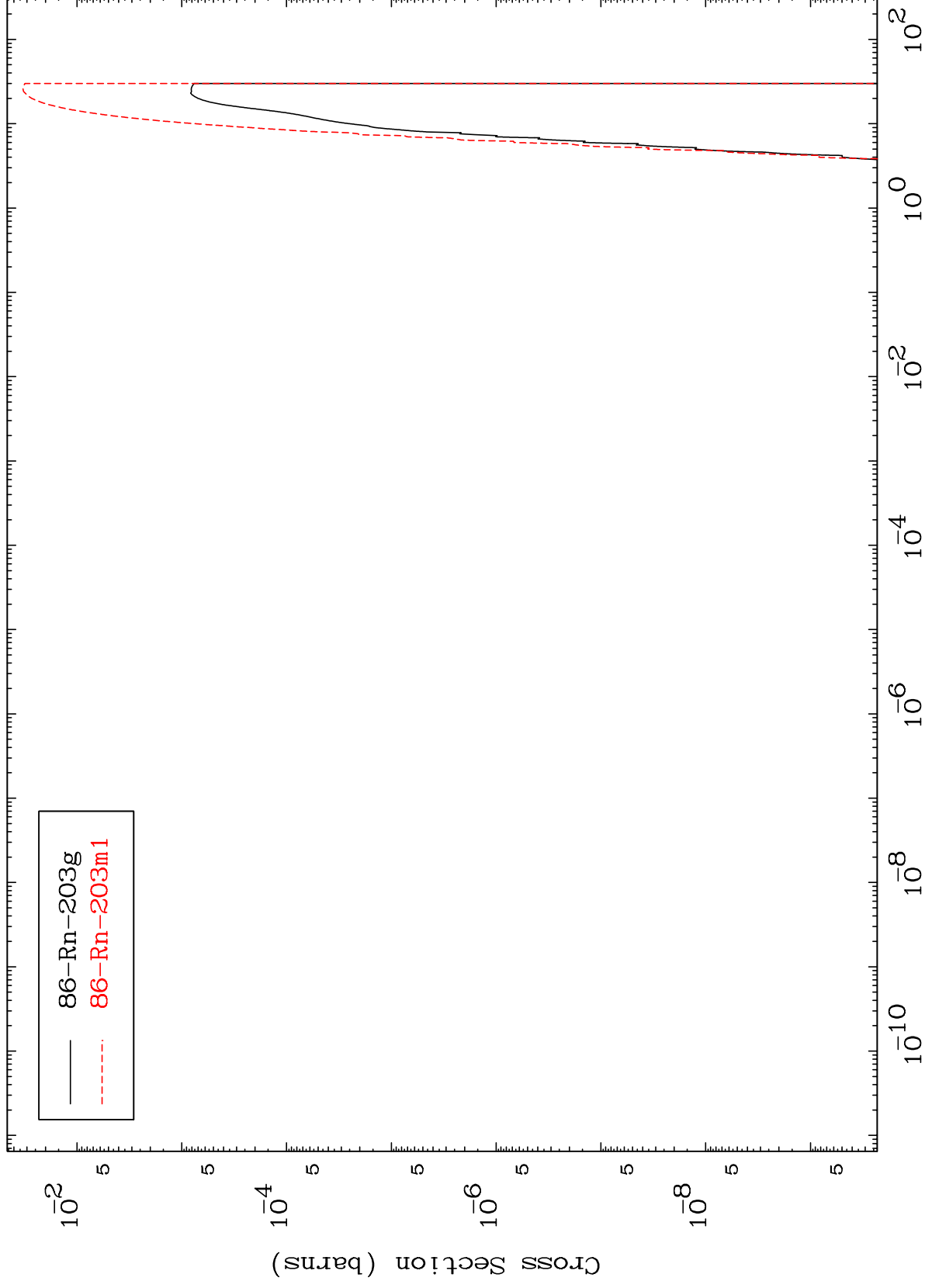


MAT 8701

(n,d)

87-Fr-204

Radionuclide Production Cross Section



112

Incident Energy (MeV)

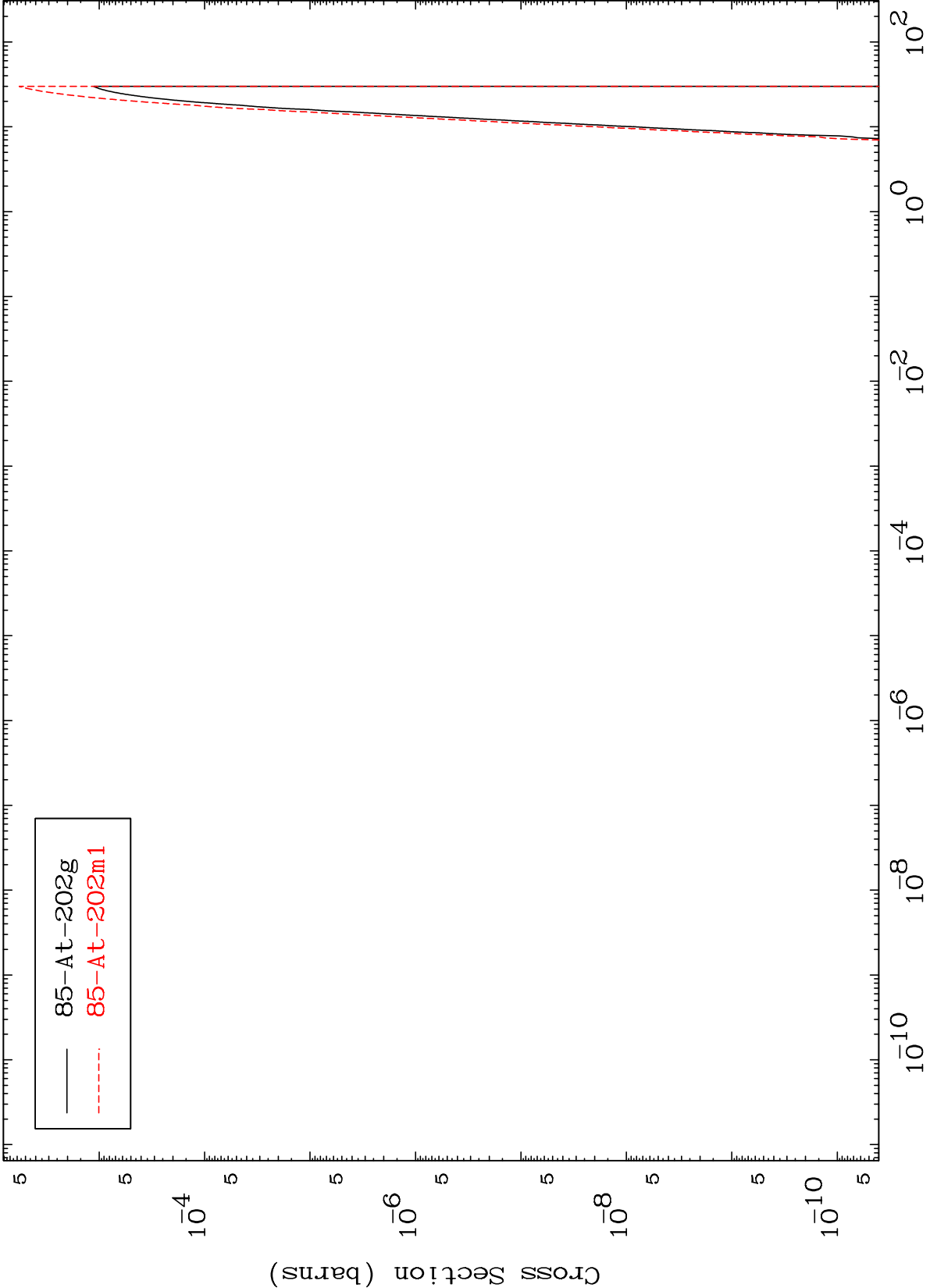
87-Fr-204

MAT 8701

(n,He-3)

87-Fr-204

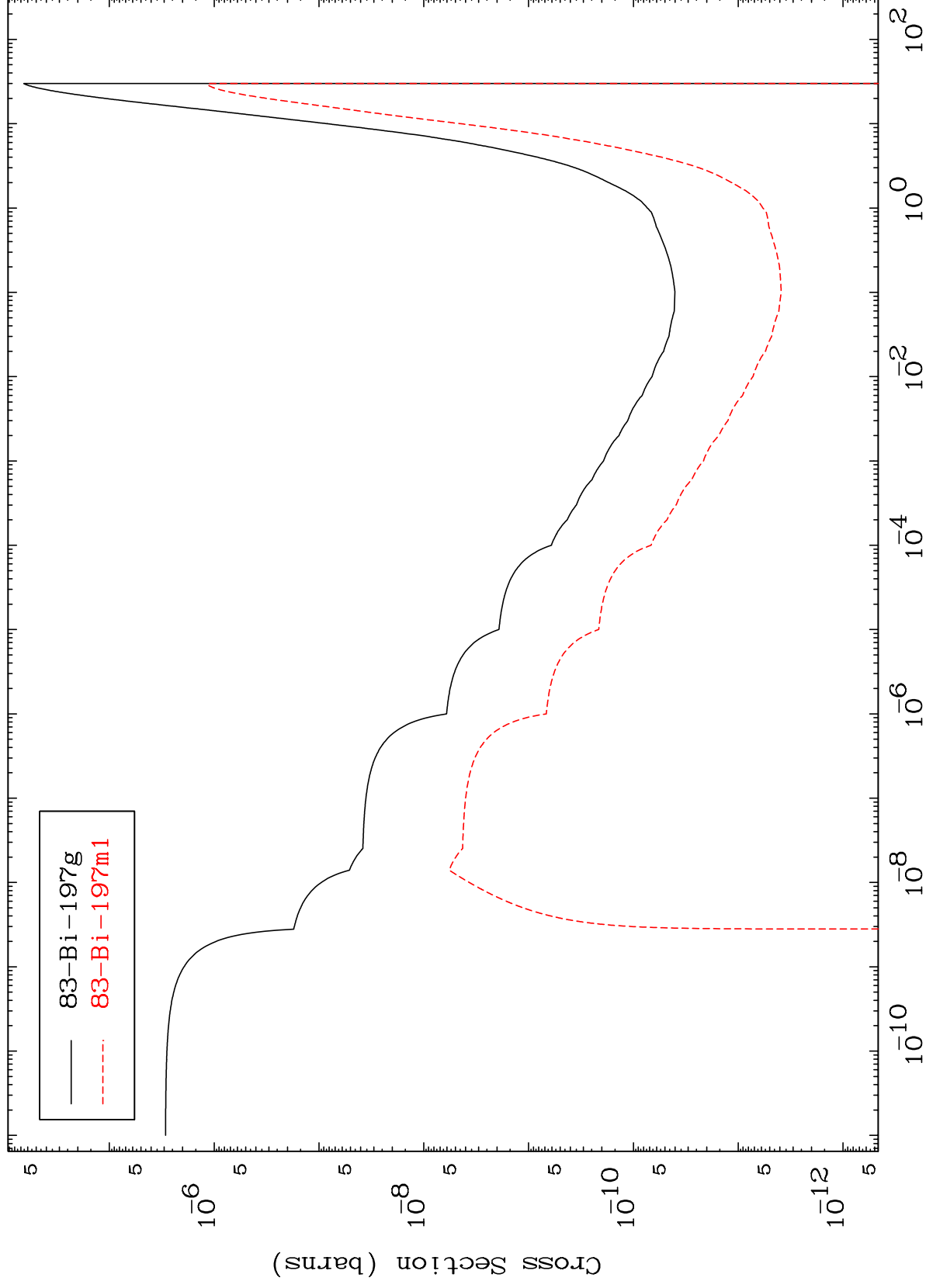
Radionuclide Production Cross Section



MAT 8701

87-Fr-204

(n,2α)
Radionuclide Production Cross Section



114

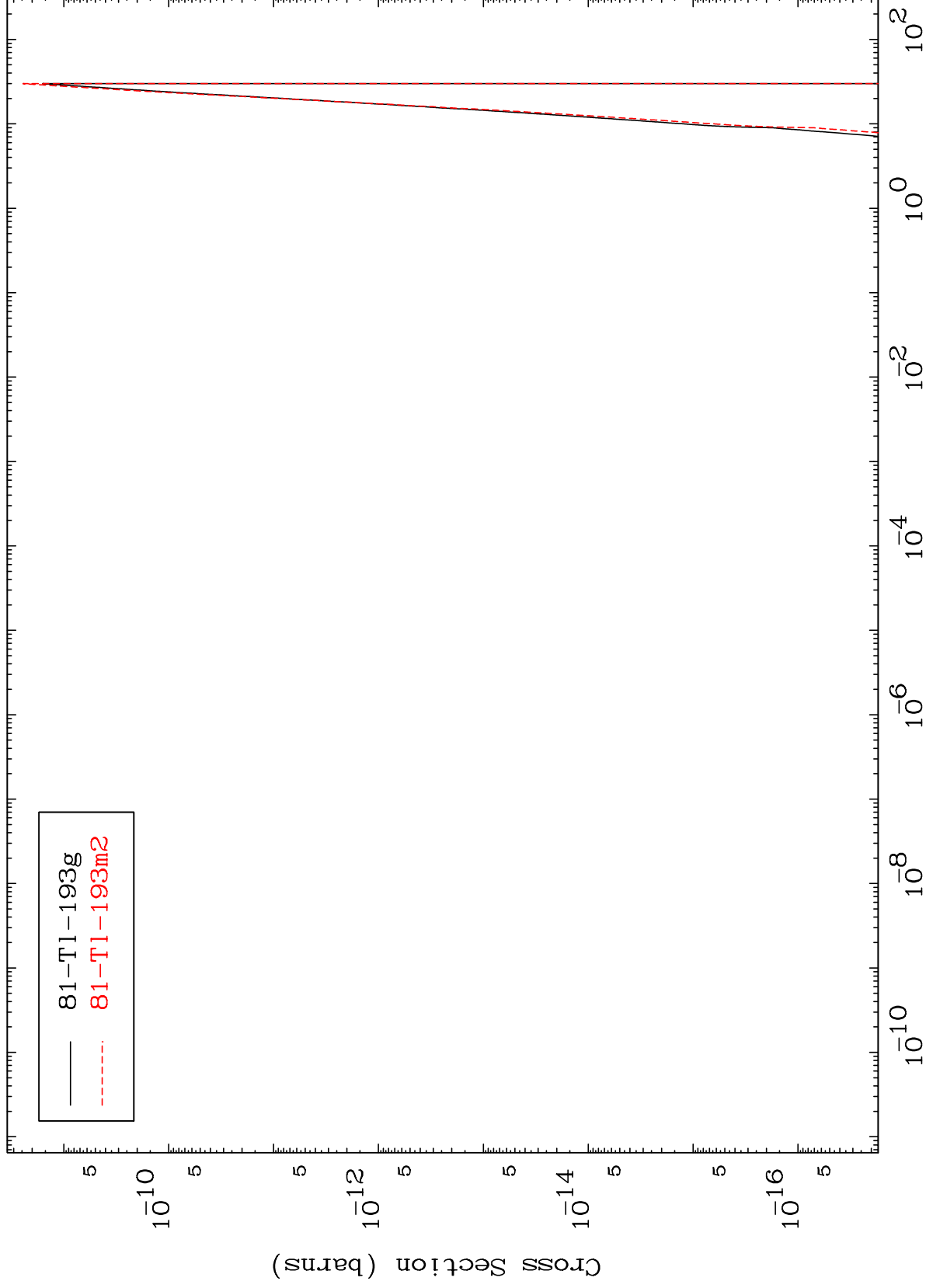
87-Fr-204

MAT 8701

(n,3α)

87-Fr-204

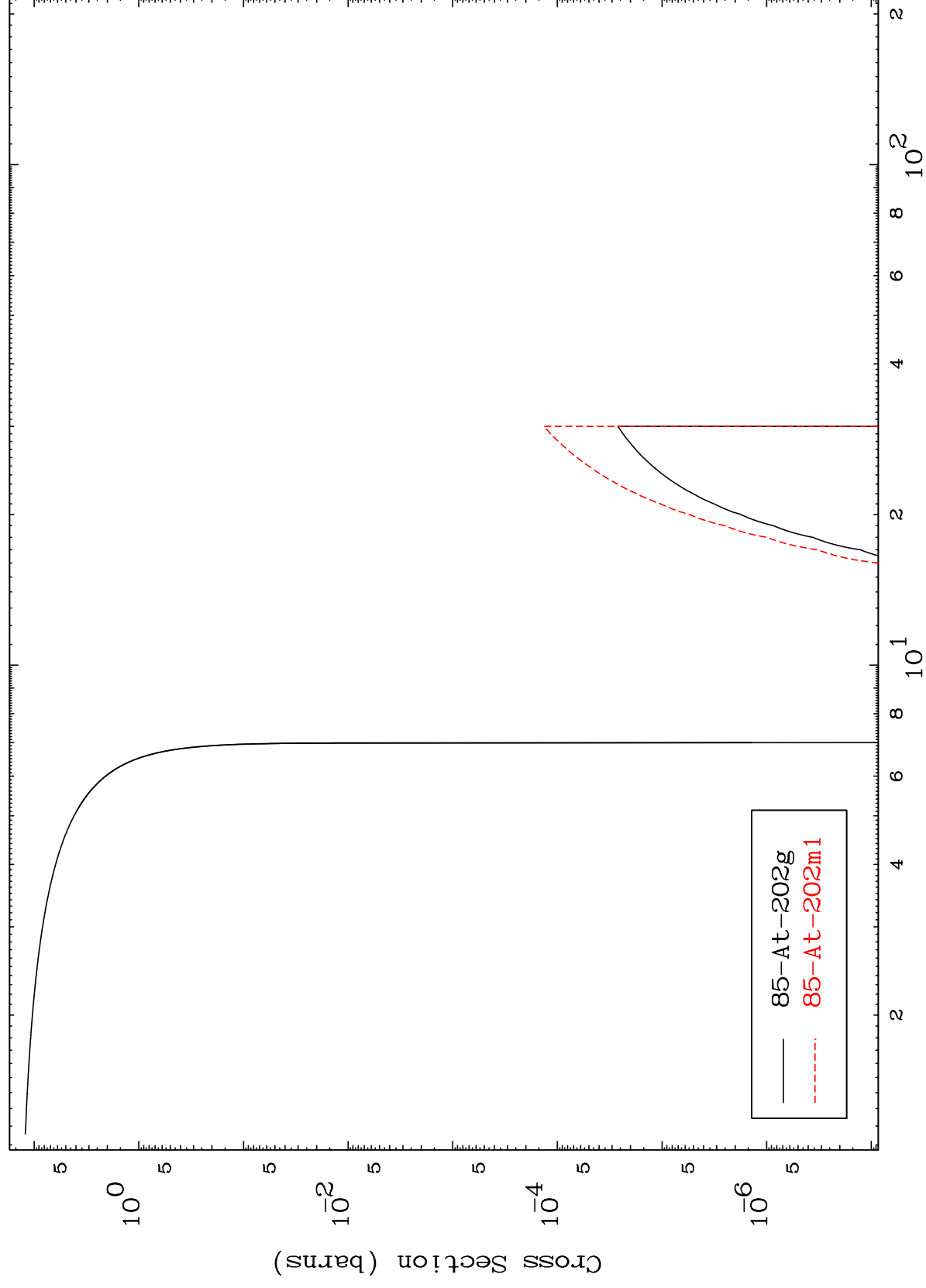
Radionuclide Production Cross Section



115

Incident Energy (MeV)

87-Fr-204

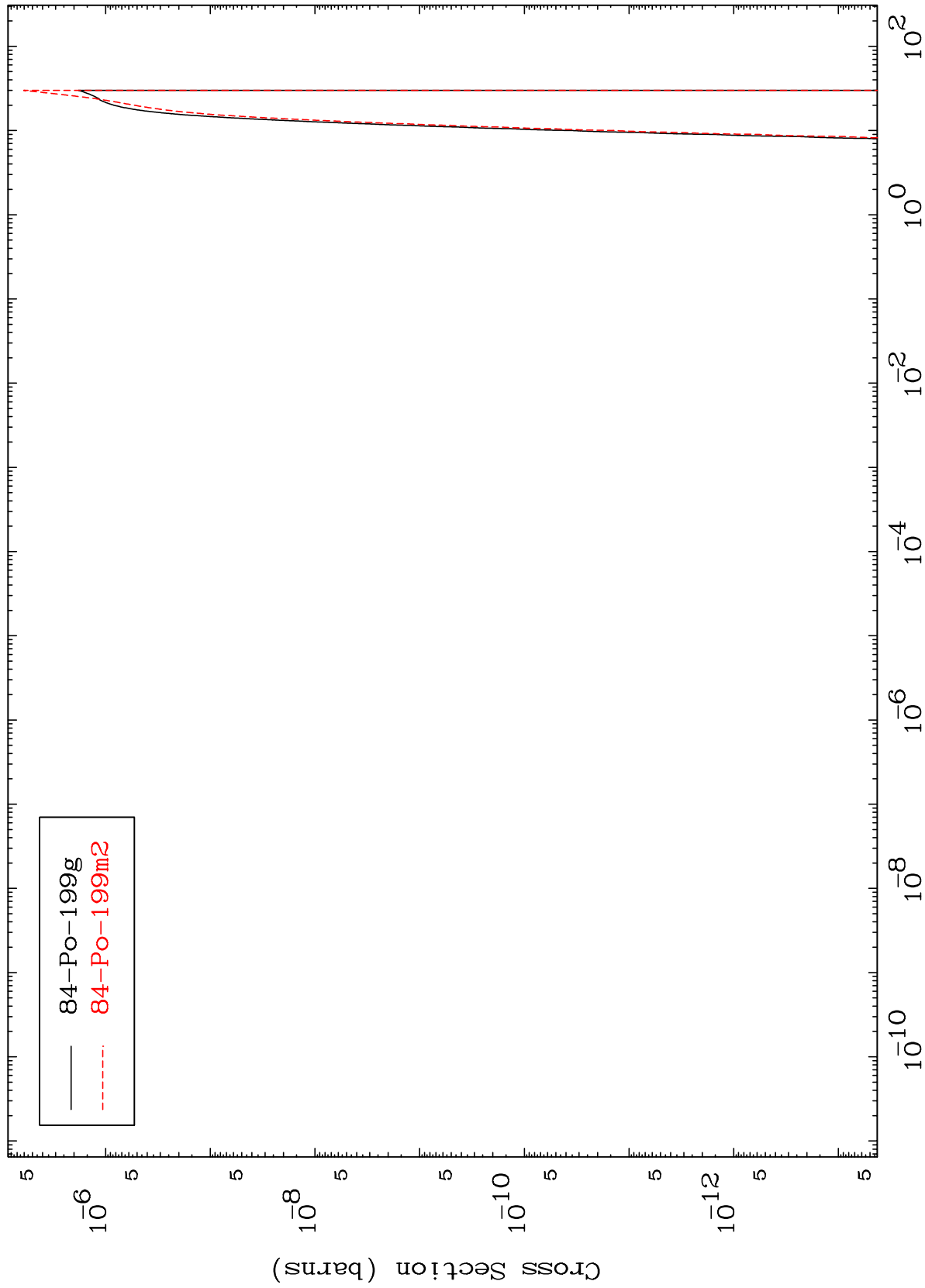
(n,p) d
Radionuclide Production Cross Section

MAT 8701

(n,d) α

87-Fr-204

Radionuclide Production Cross Section



117

Incident Energy (MeV)

87-Fr-204