

Program EVALPLOT
(Version 2021-1)

by

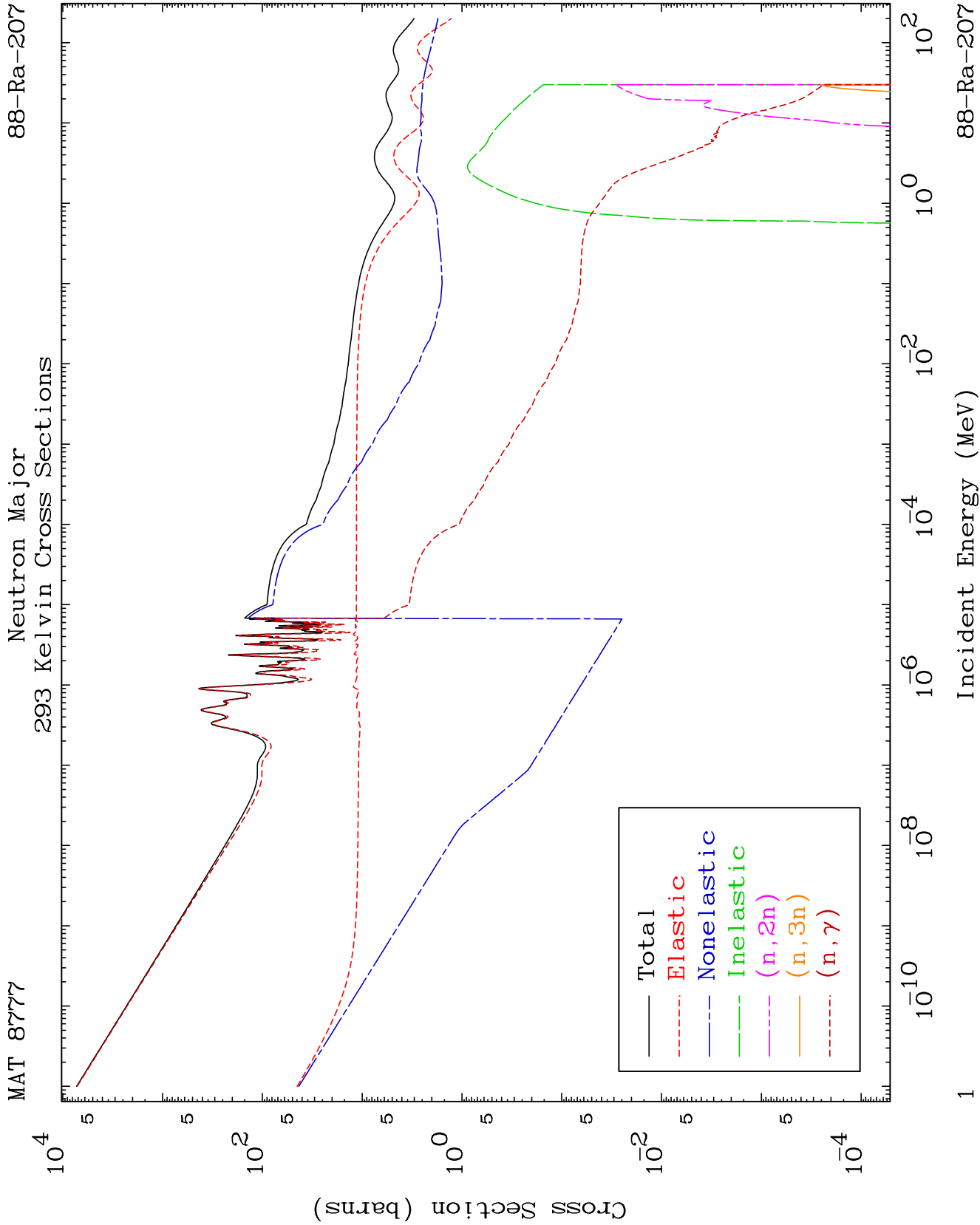
Dermott E. Cullen
(Present Contact Information)

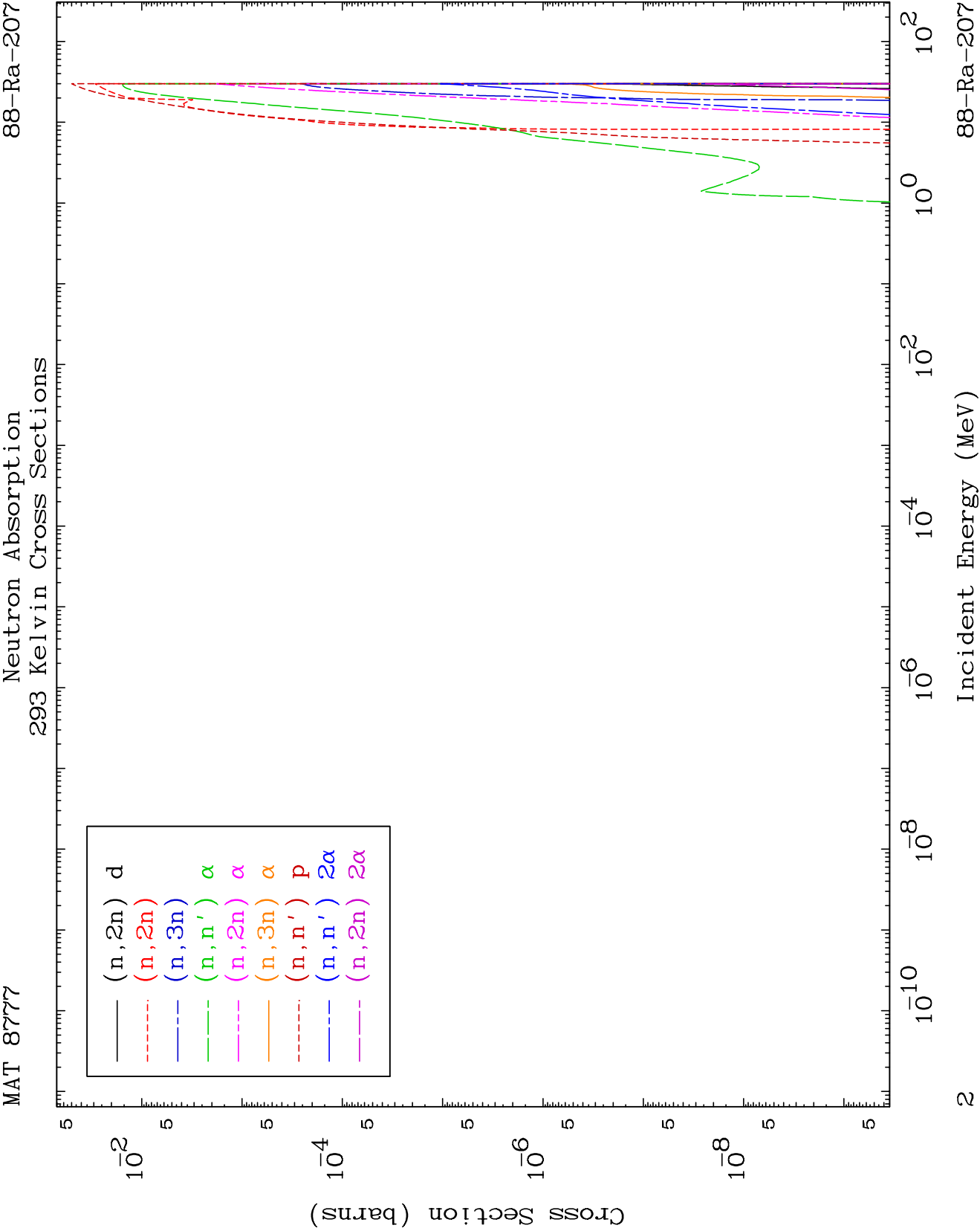
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

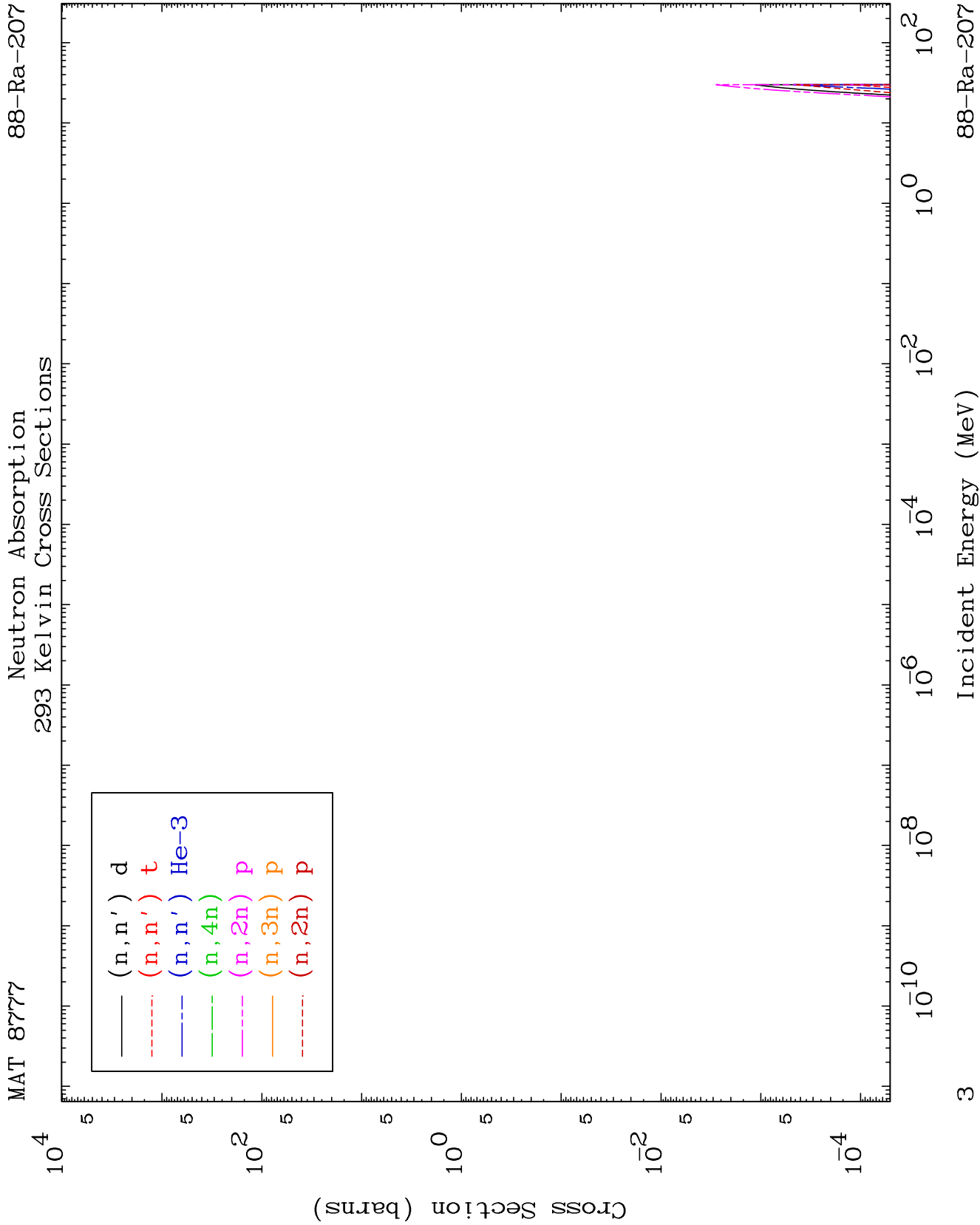
Tele: 925-443-1911

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

Press Mouse Button to Start



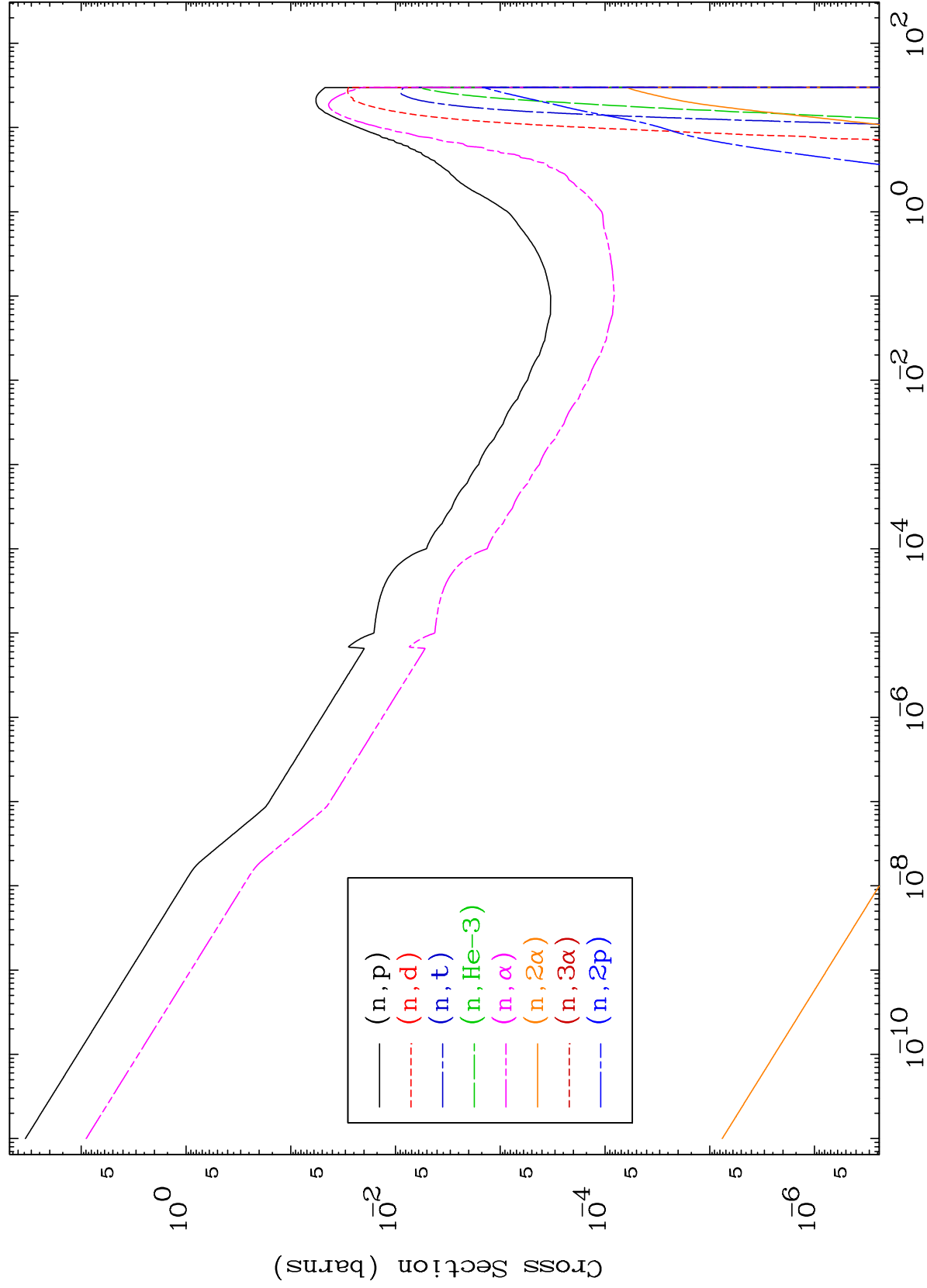


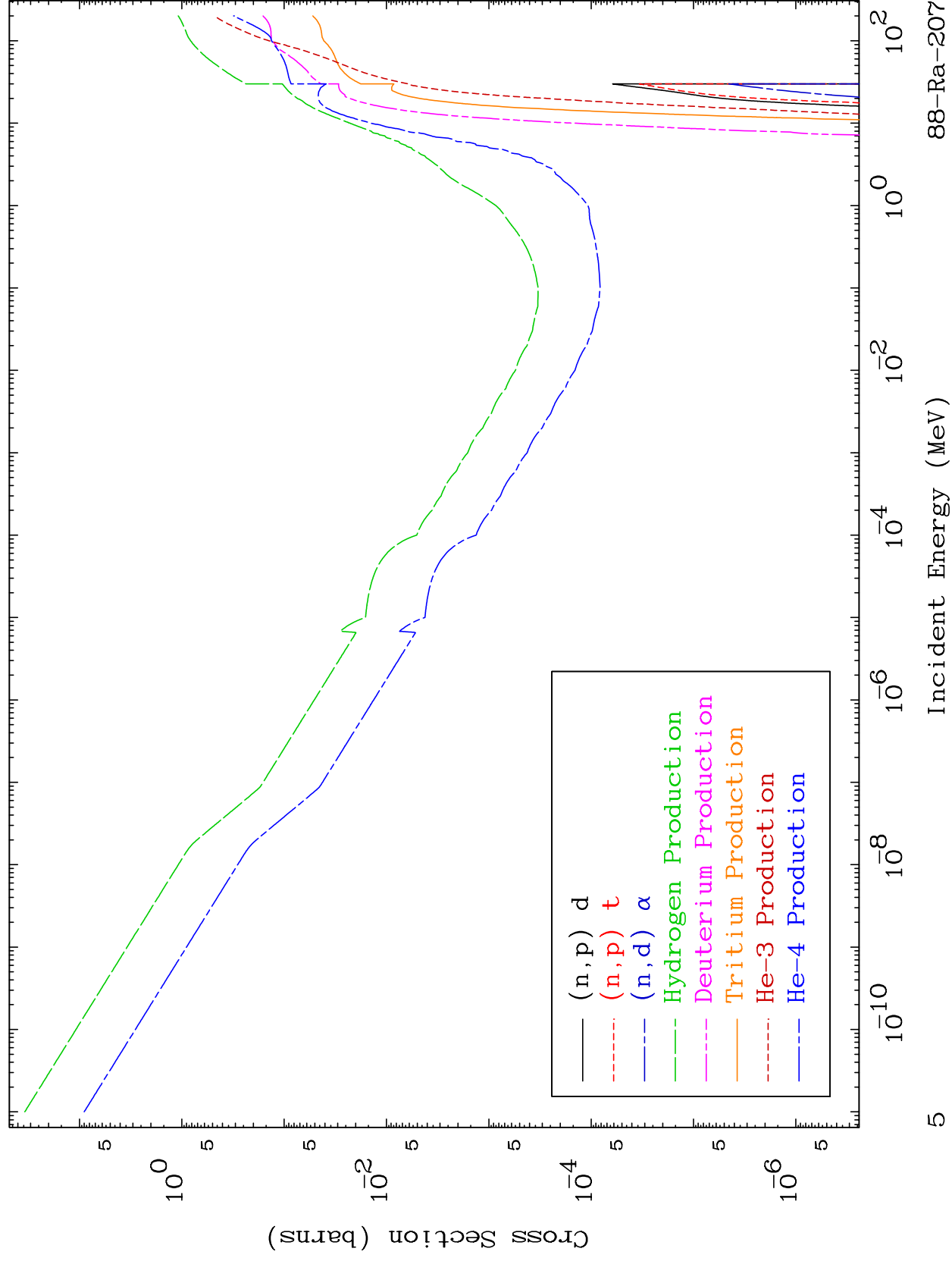


MAT 8777

Neutron Absorption
293 Kelvin Cross Sections

88-Ra-207

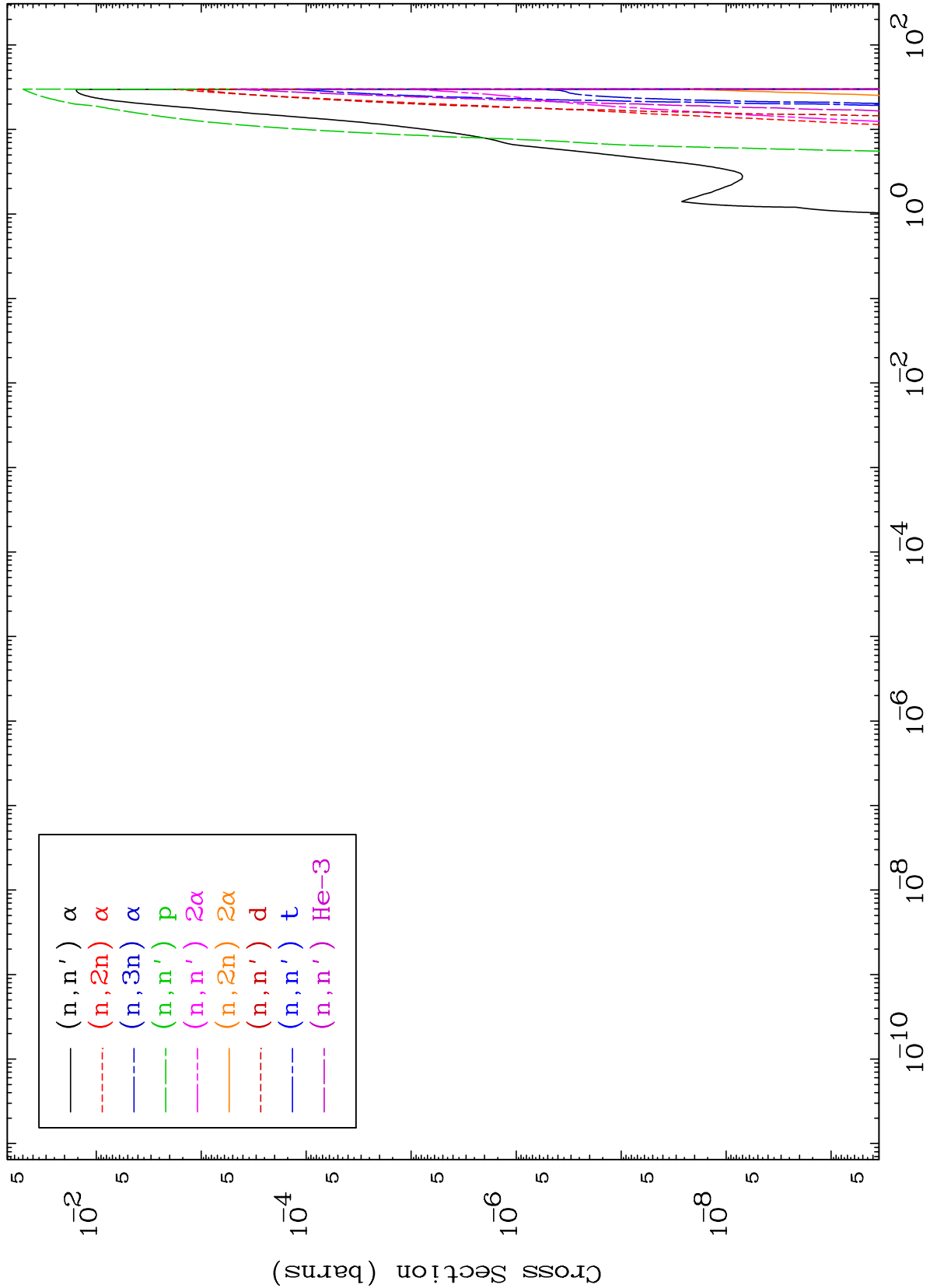


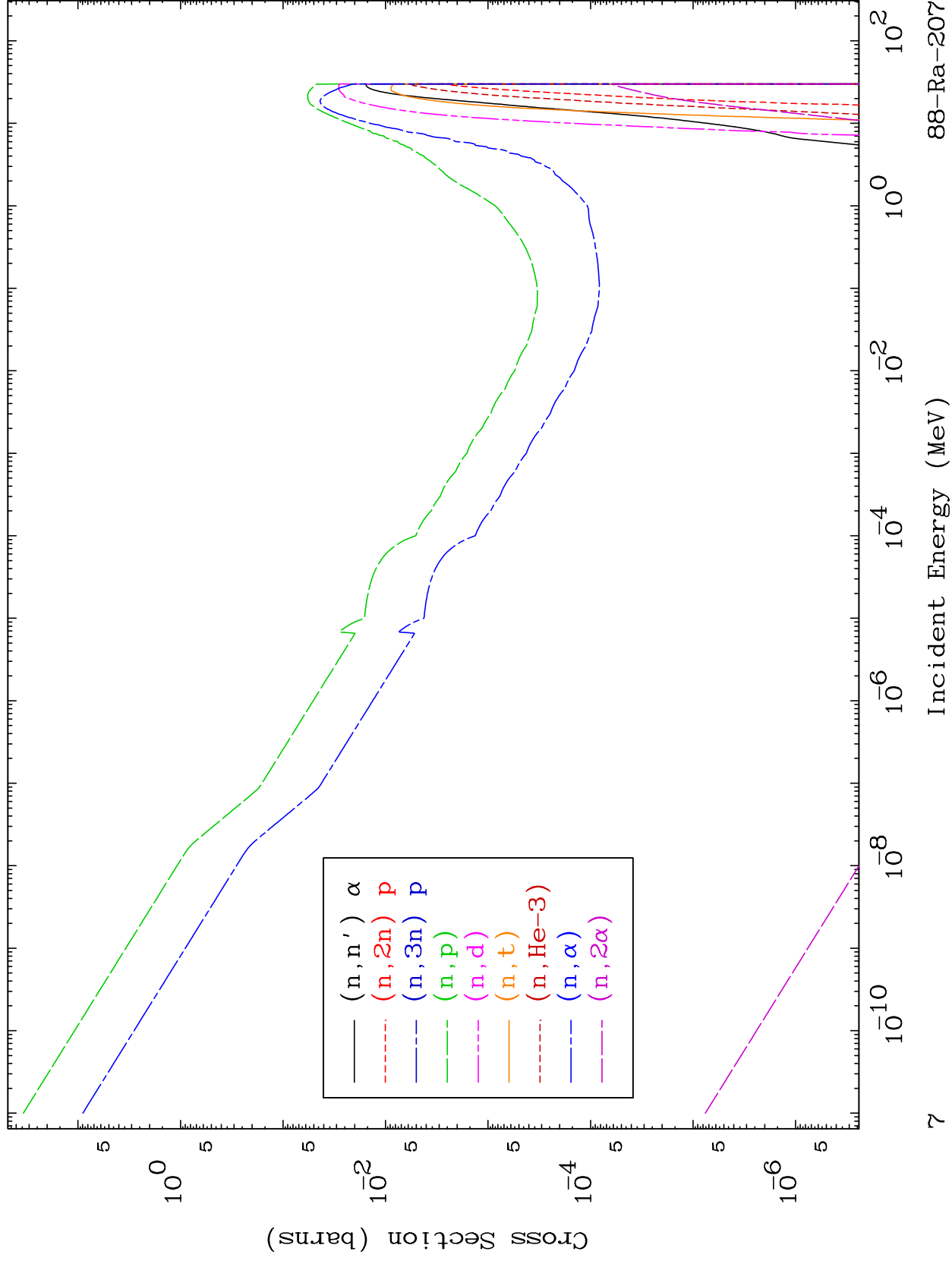


MAT 8777

Charged Particle
293 Kelvin Cross Sections

88-Ra-207

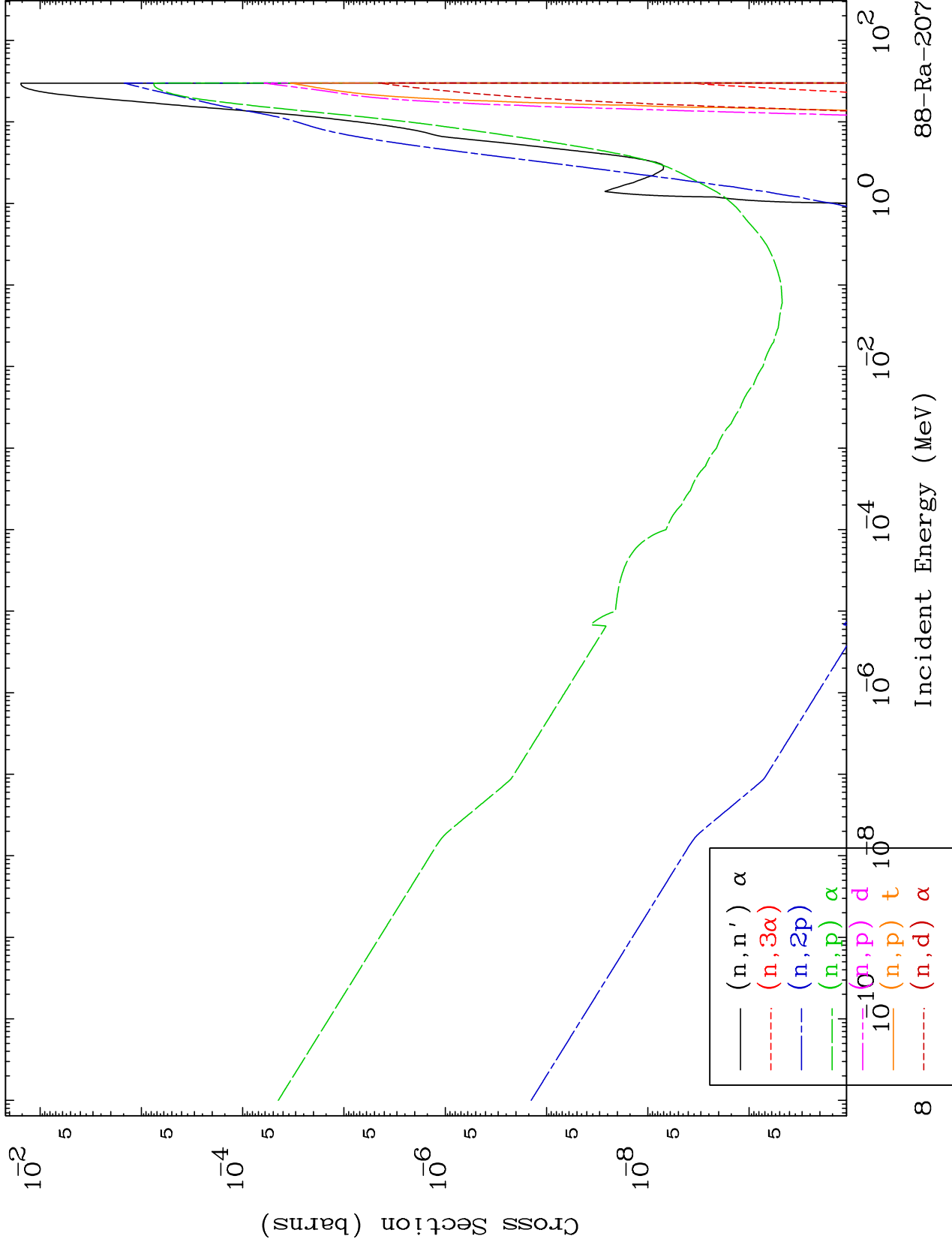


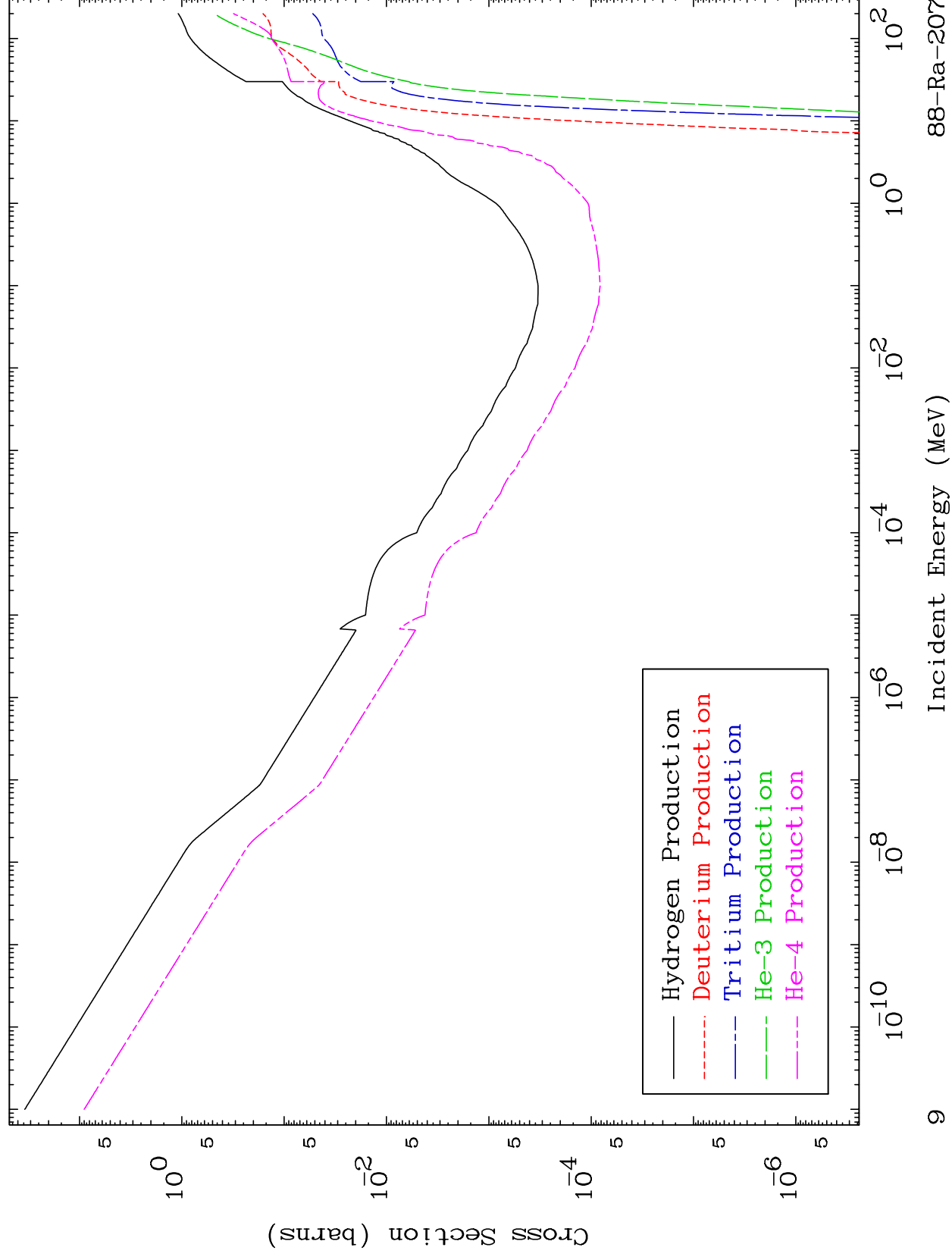


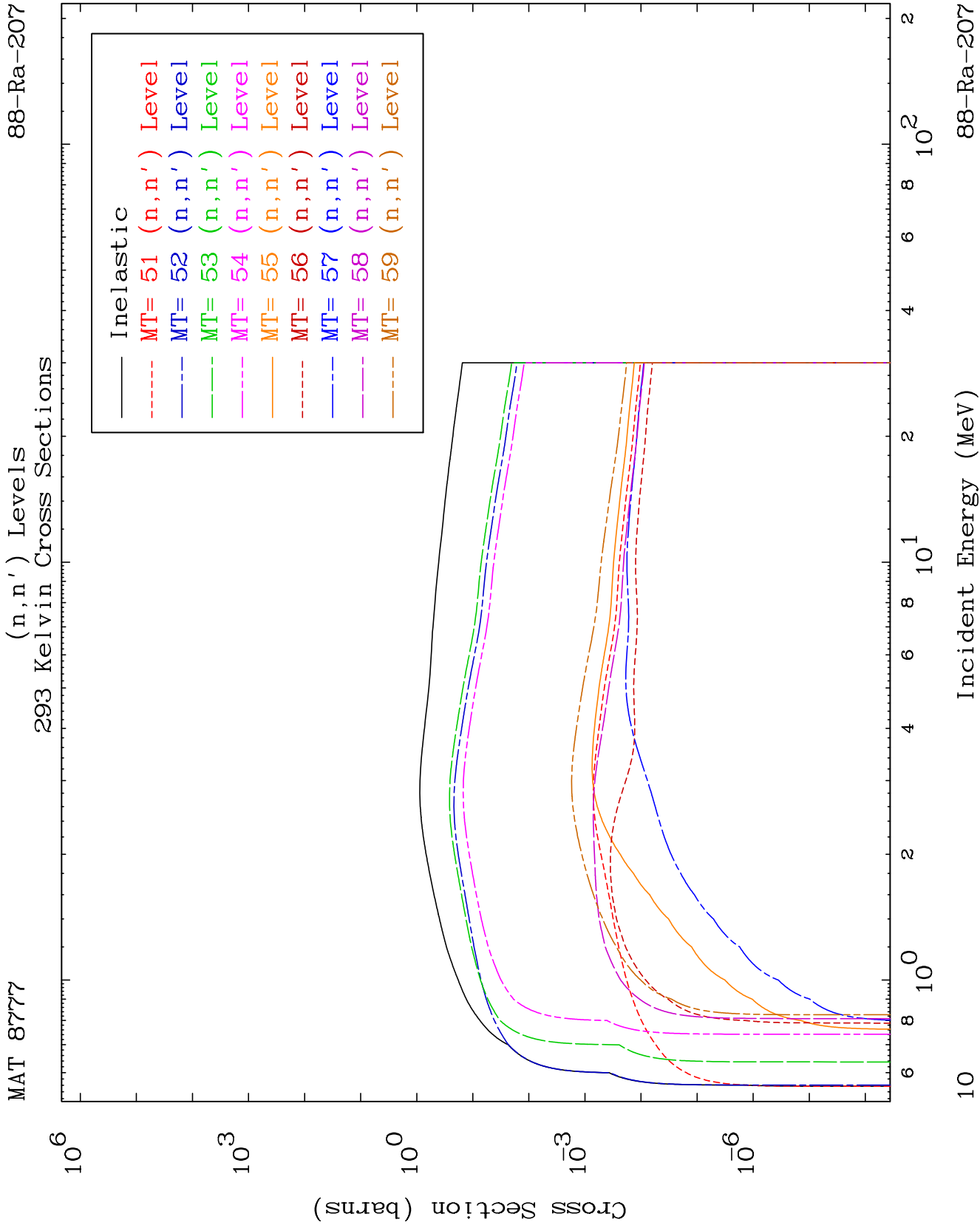
MAT 8777

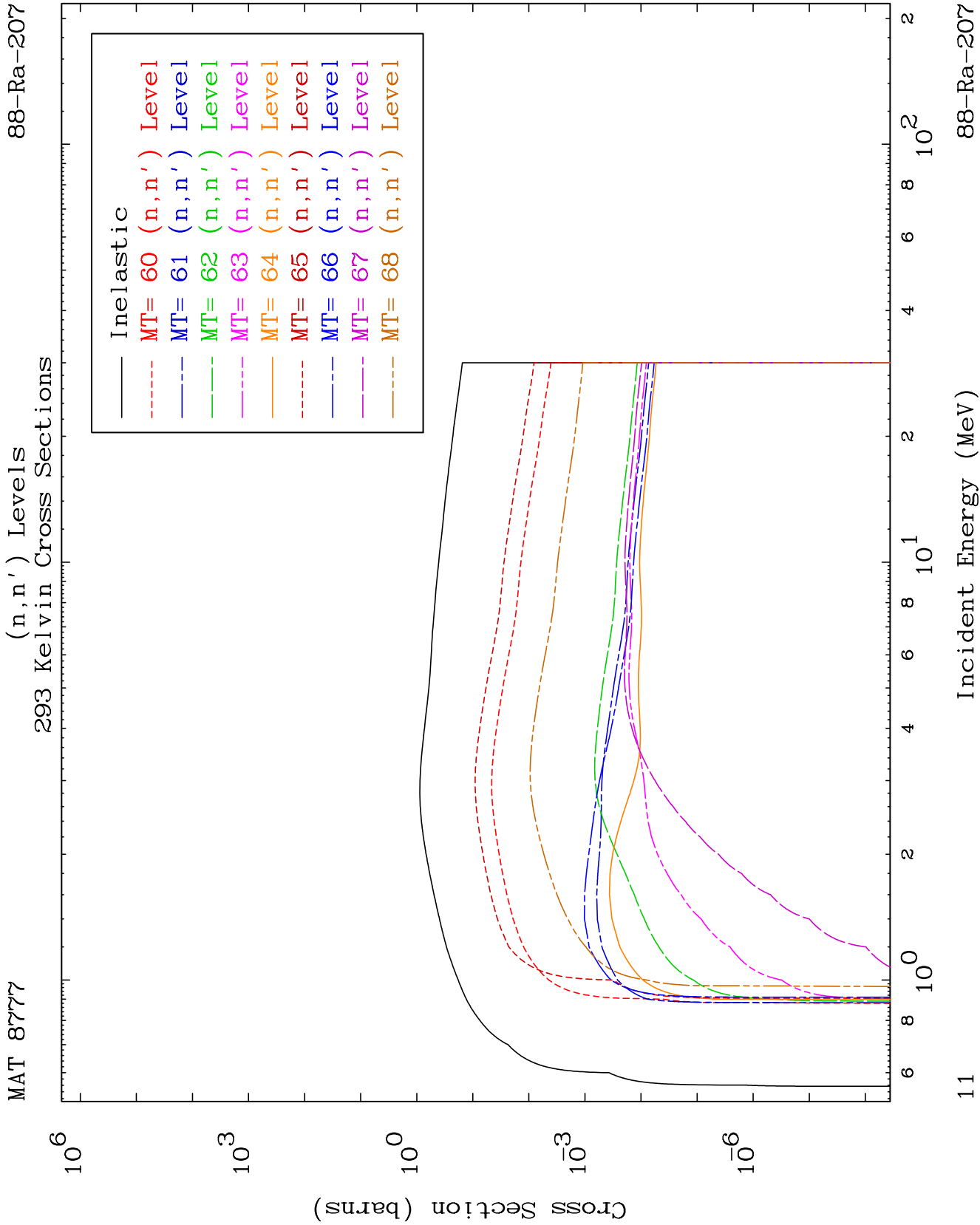
Charged Particle
293 Kelvin Cross Sections

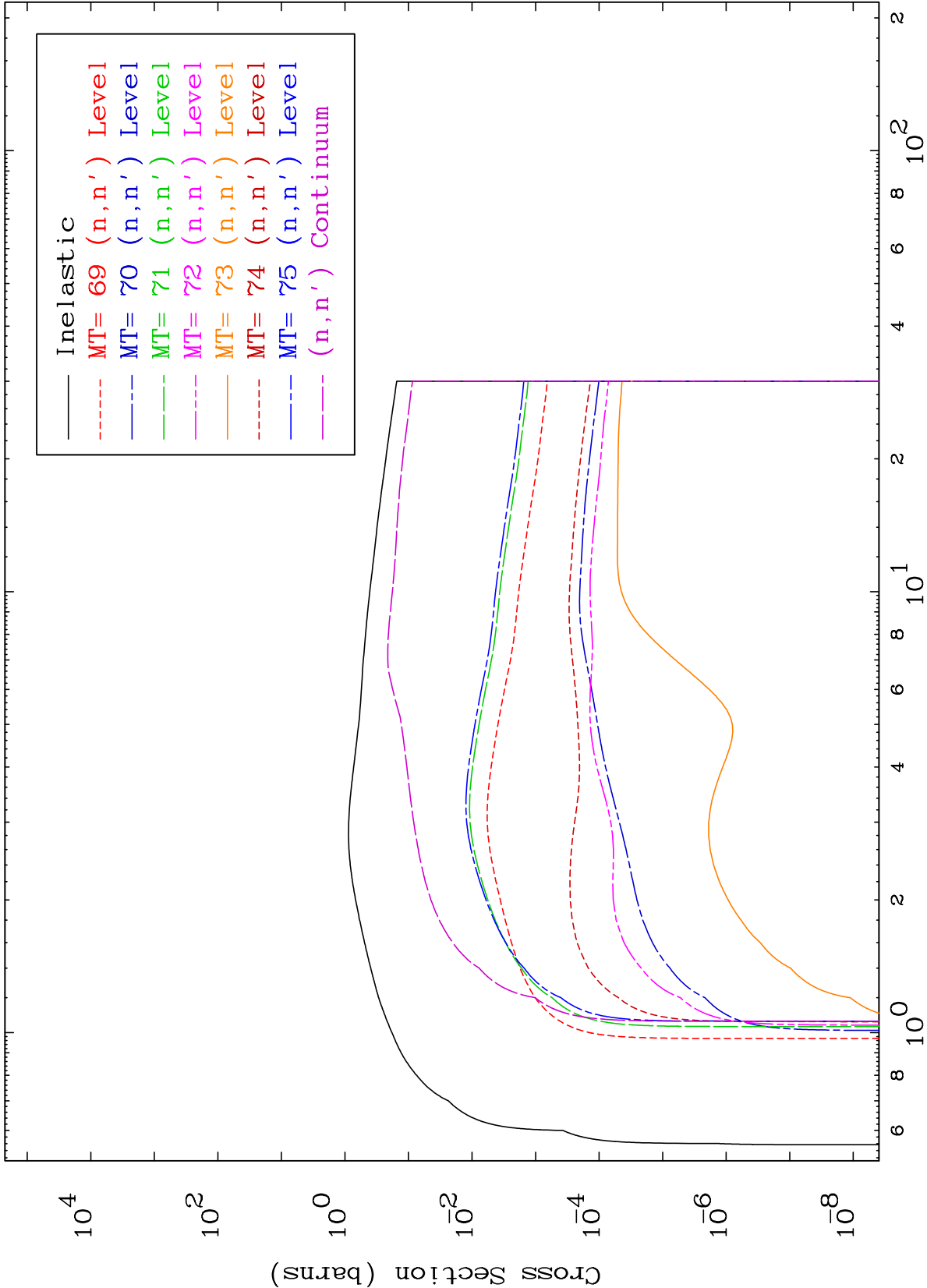
88-Ra-207







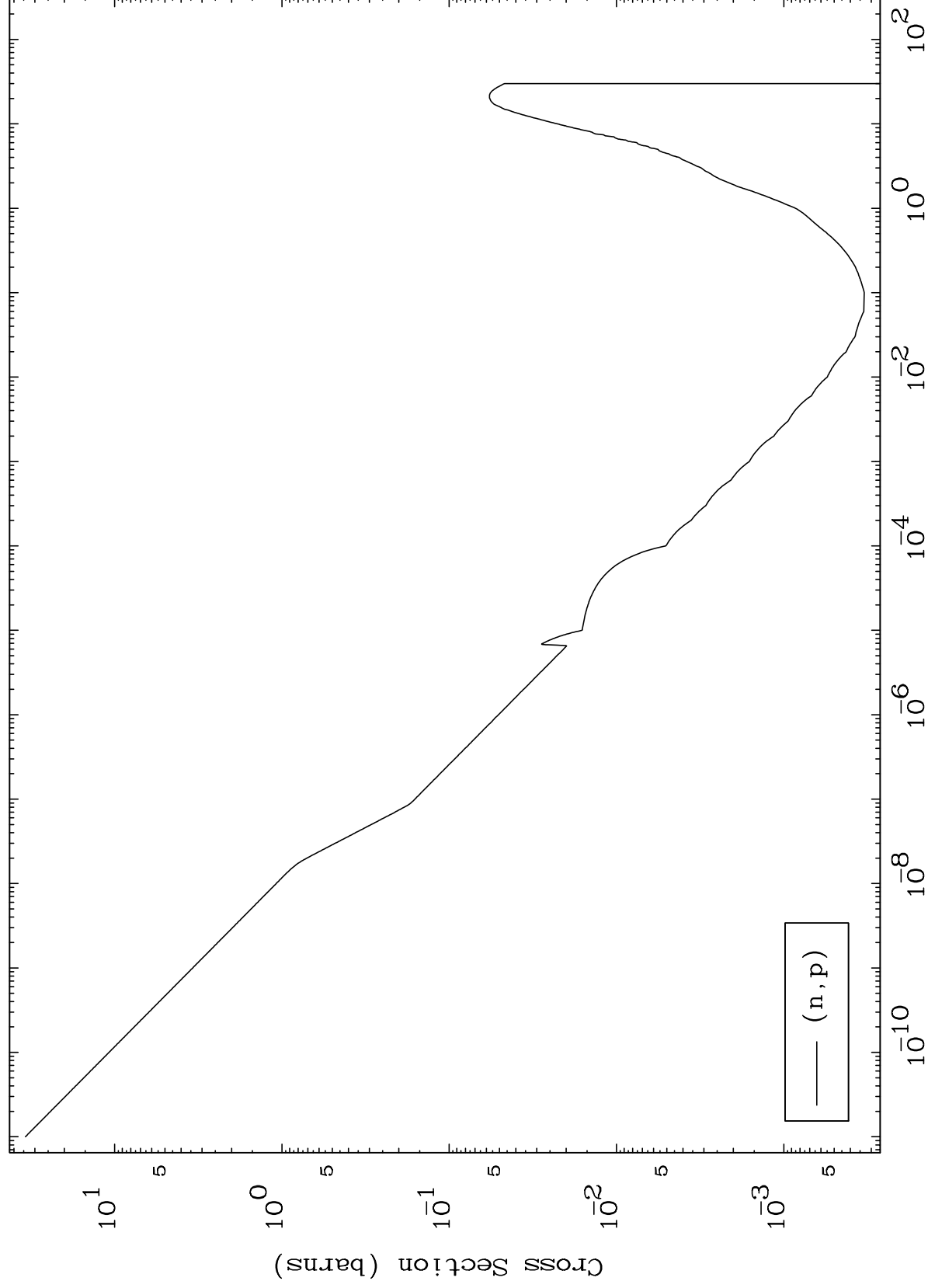




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(n,p) Levels
293 Kelvin Cross Sections

88-Ra-207



13

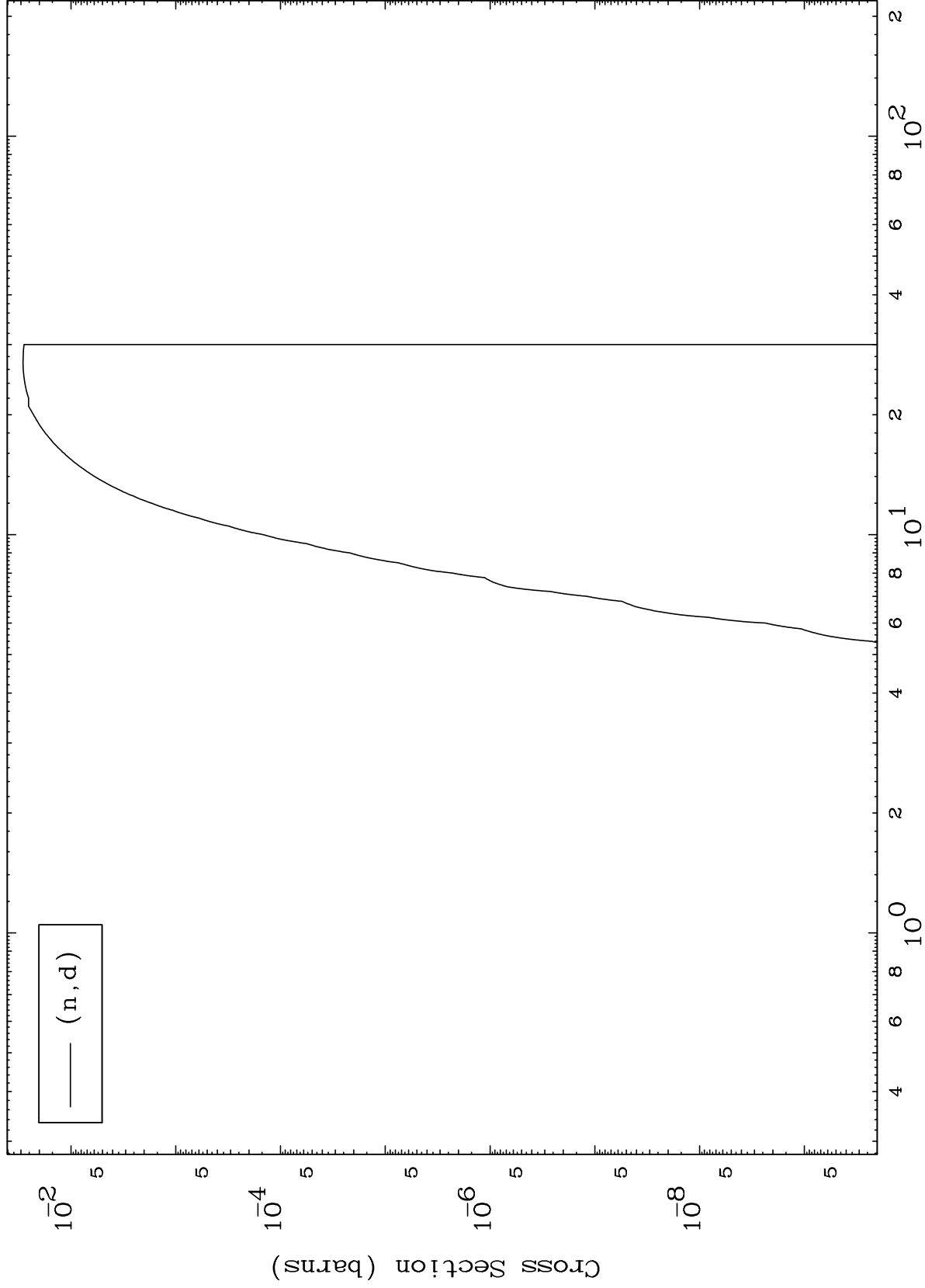
Incident Energy (MeV)

88-Ra-207

MAT 8777

88-Ra-207

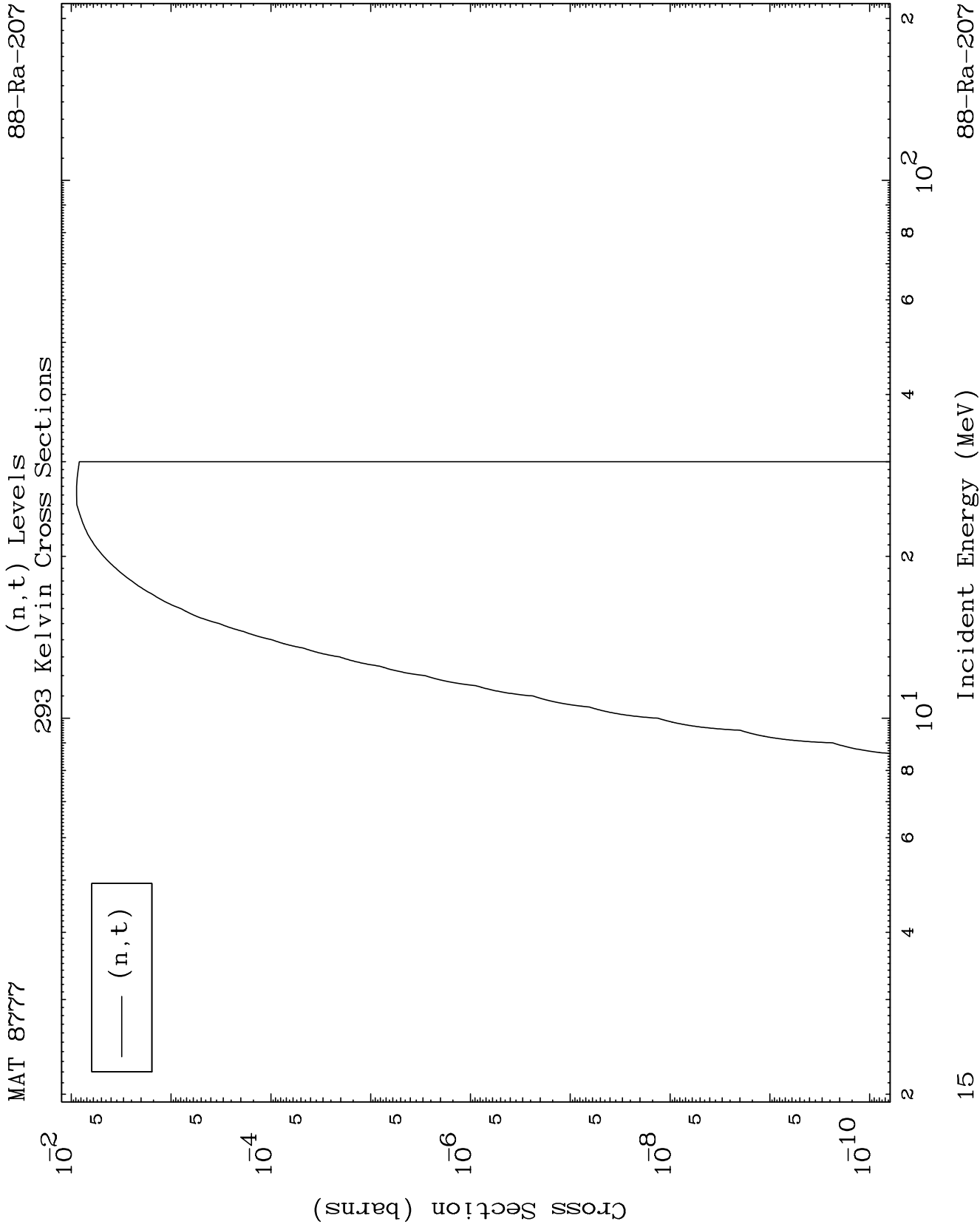
(n,d) Levels
293 Kelvin Cross Sections



88-Ra-207

Incident Energy (MeV)

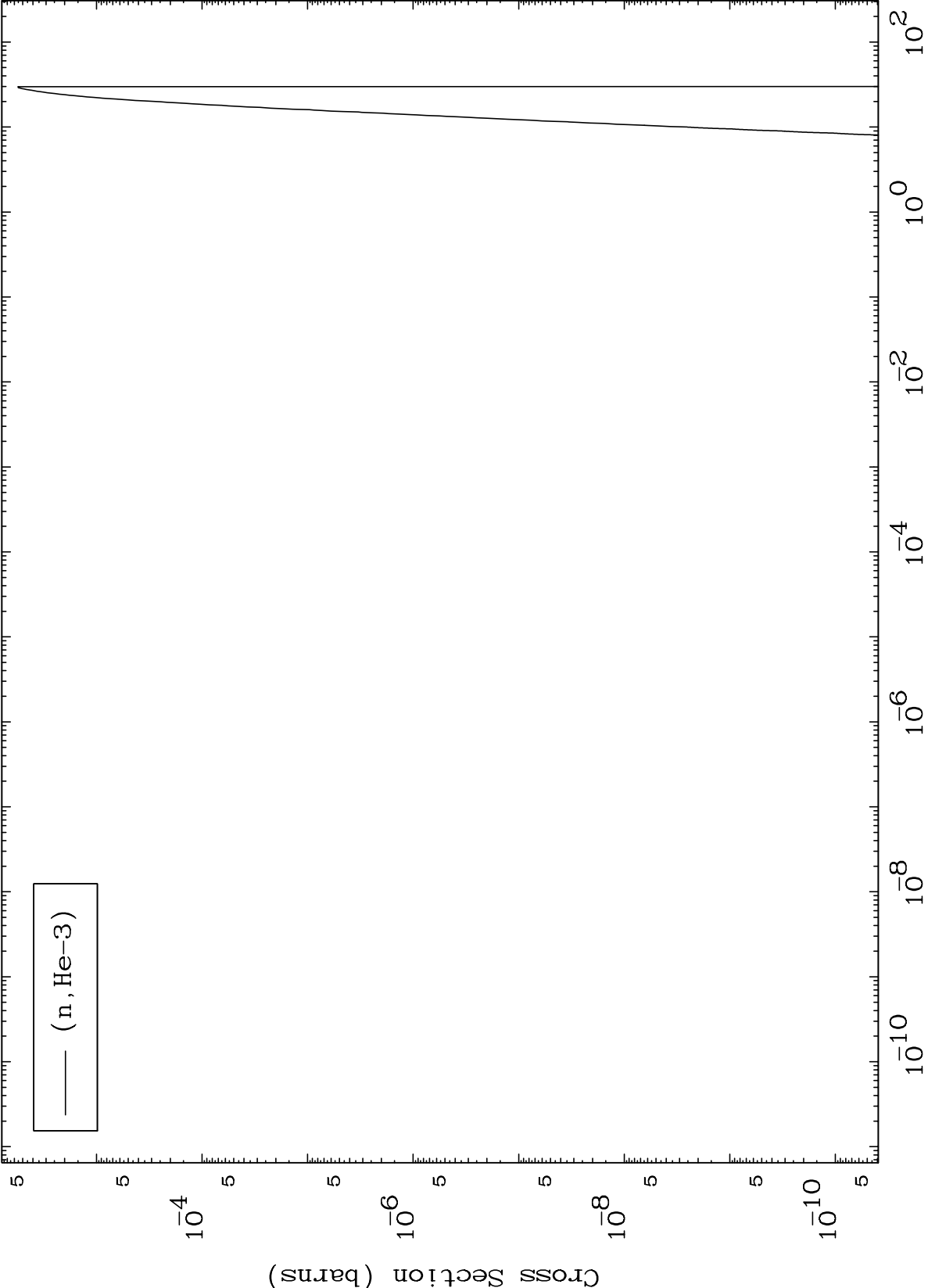
14



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(n,He3) Levels
293 Kelvin Cross Sections

88-Ra-207



16

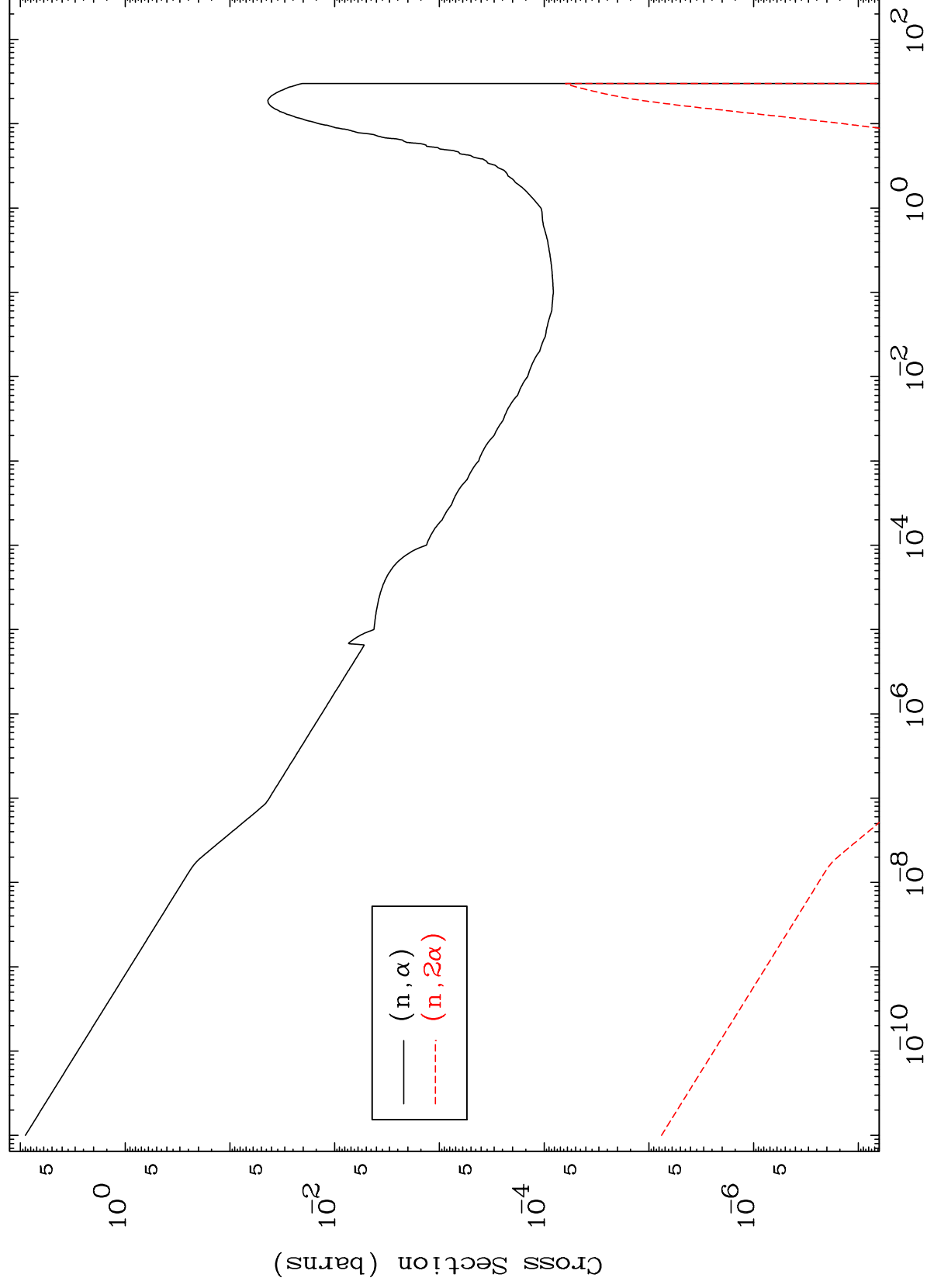
Incident Energy (MeV)

88-Ra-207

MAT 8777

(n, α) Levels
293 Kelvin Cross Sections

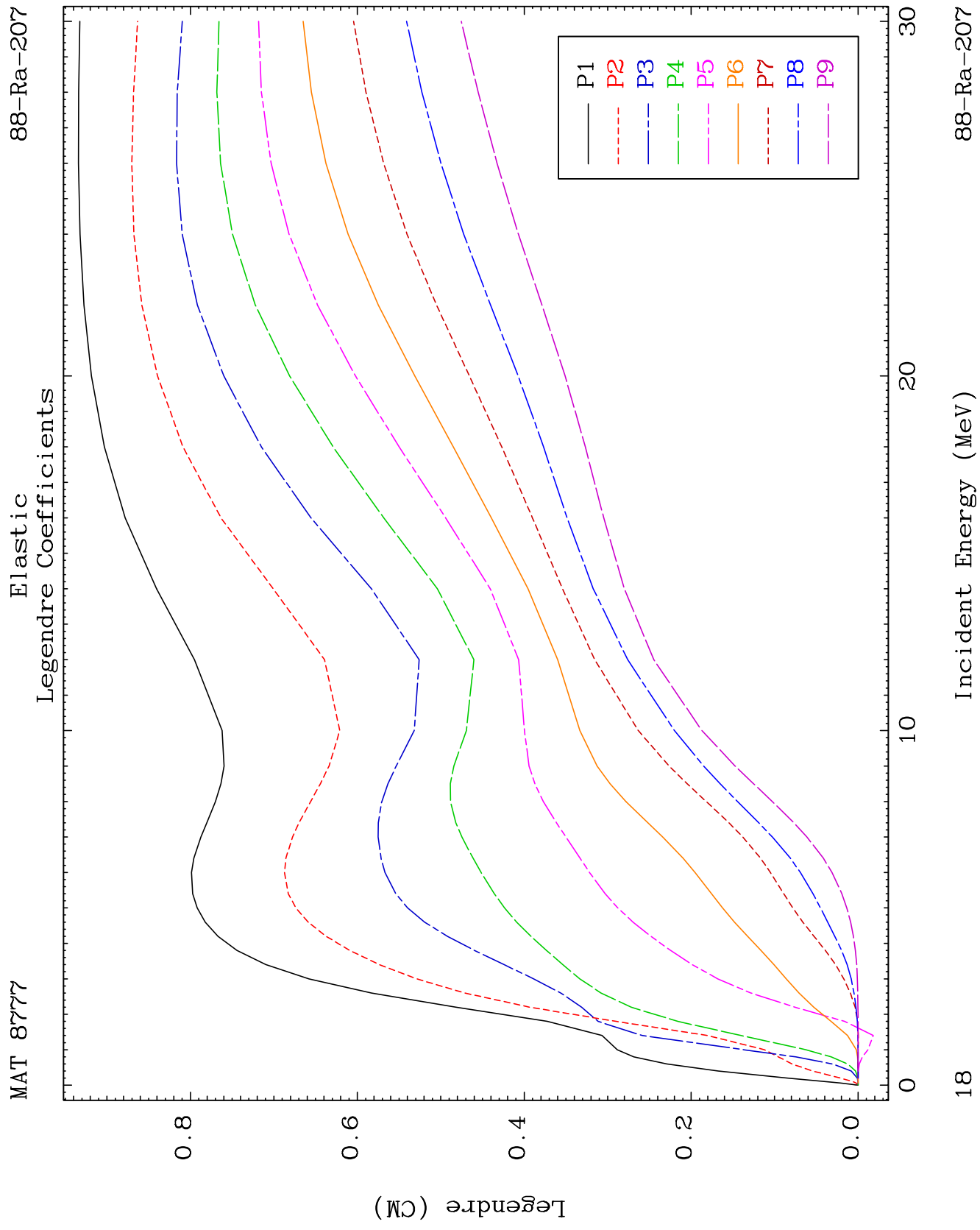
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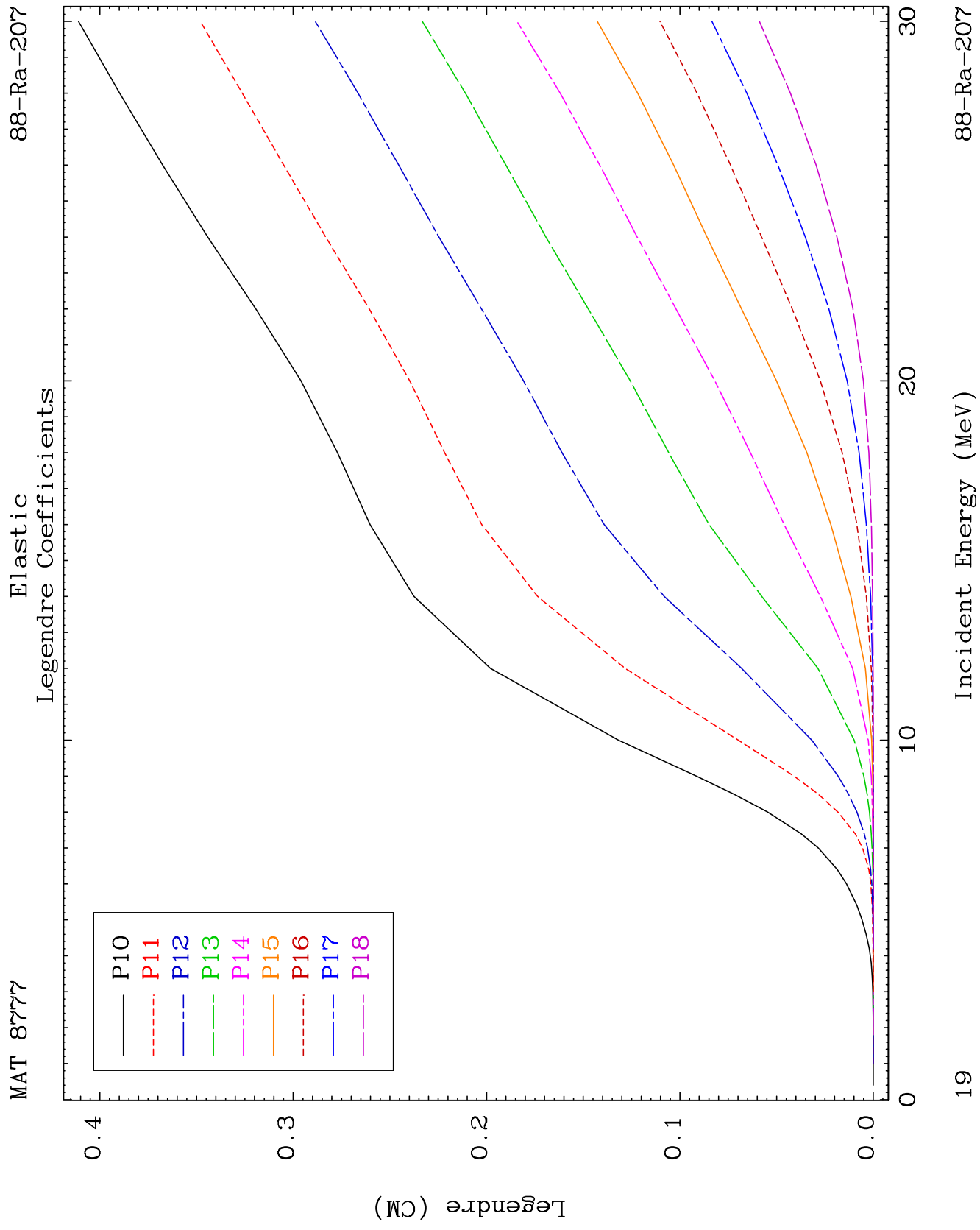


17

Incident Energy (MeV)

88-Ra-207

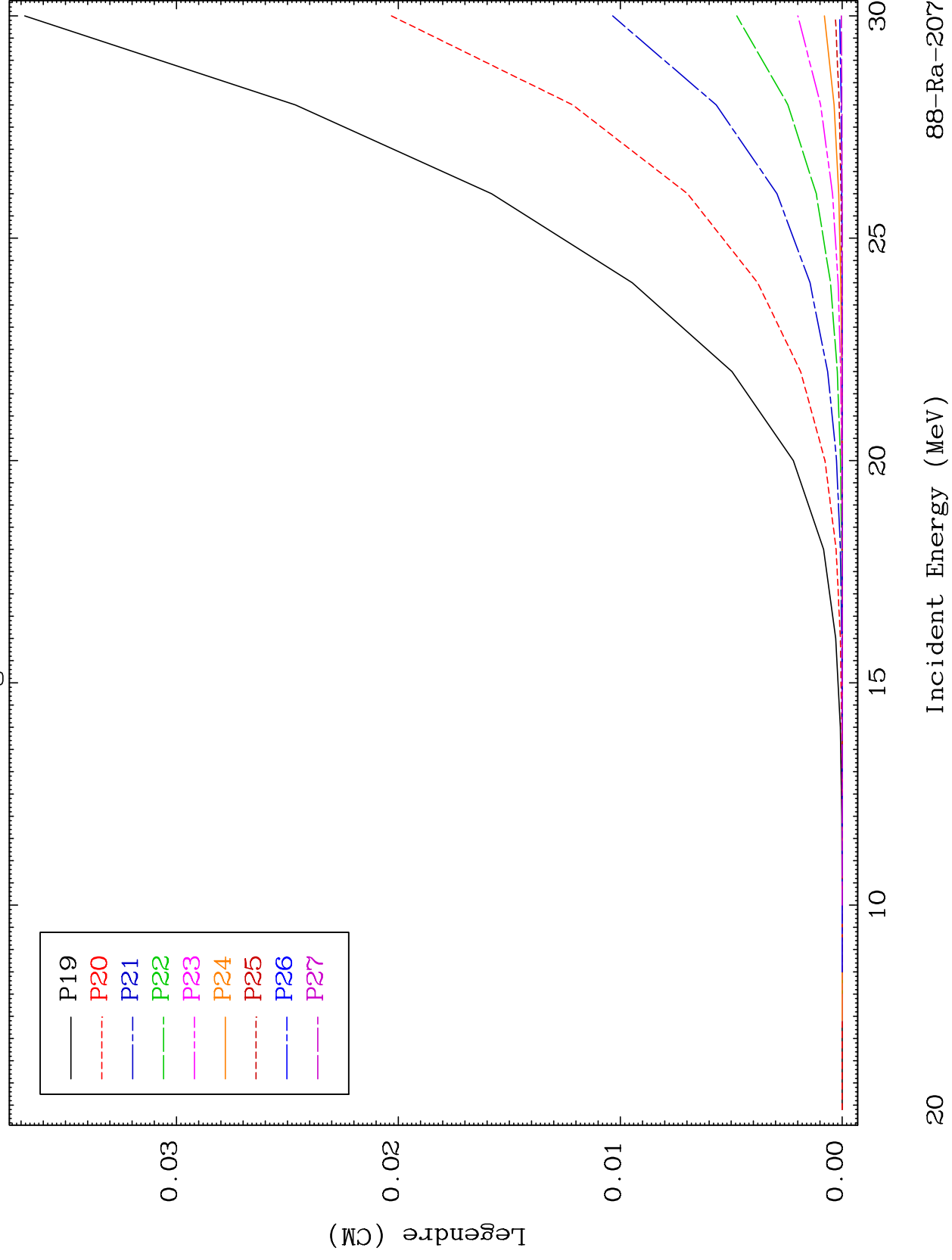




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Elastic Legendre Coefficients

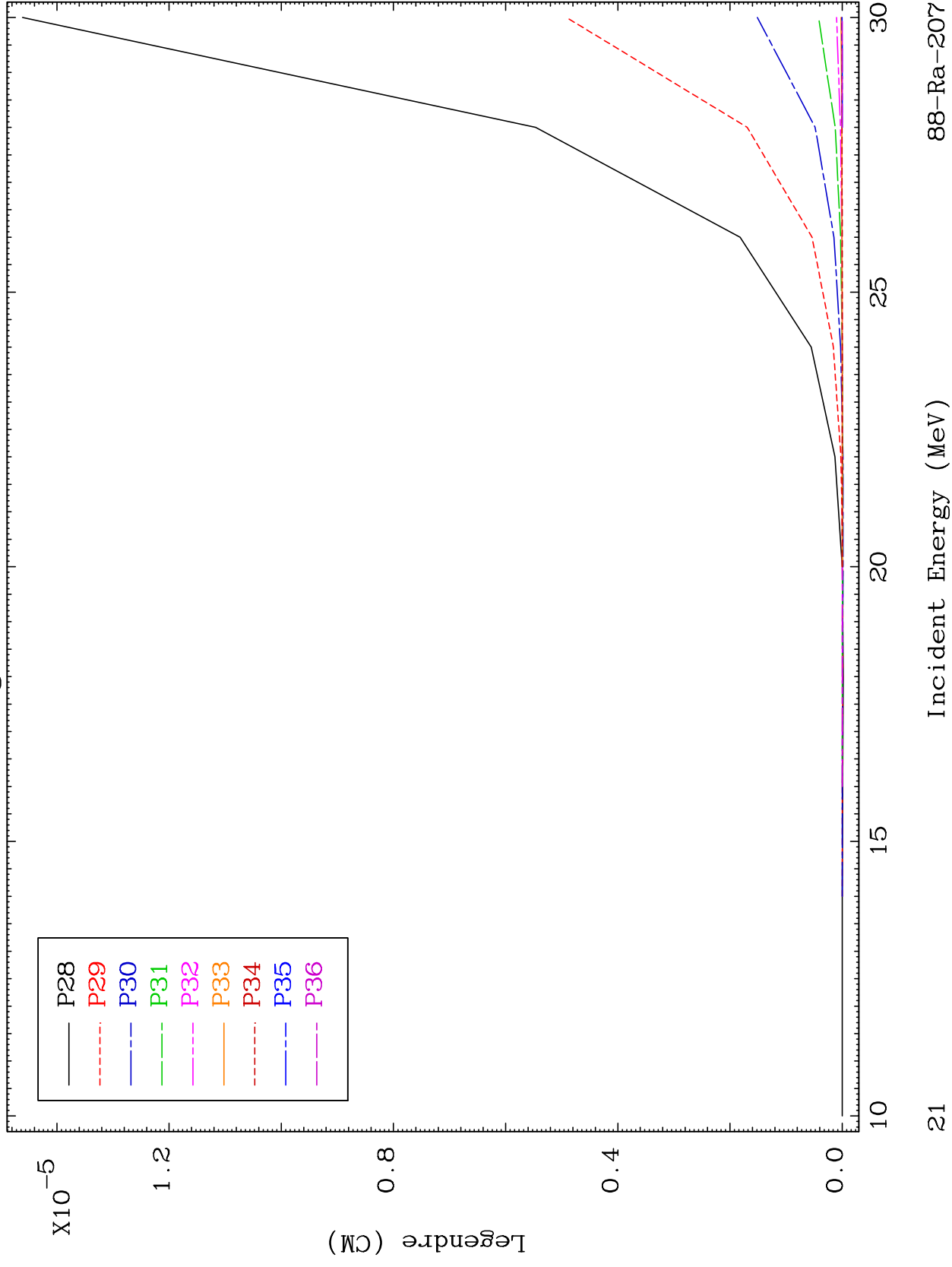
88-Ra-207



MAT 8777

Elastic Legendre Coefficients

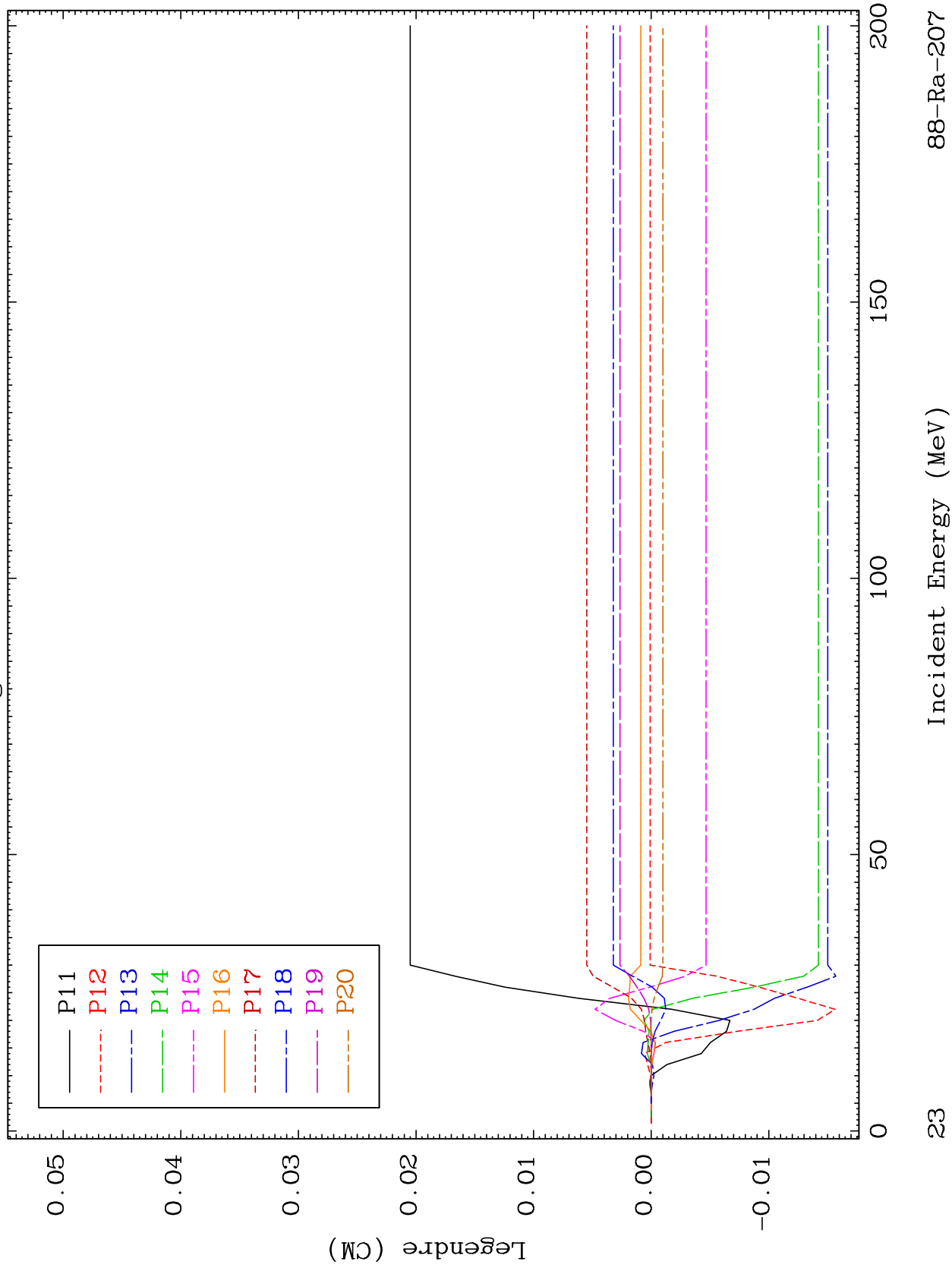
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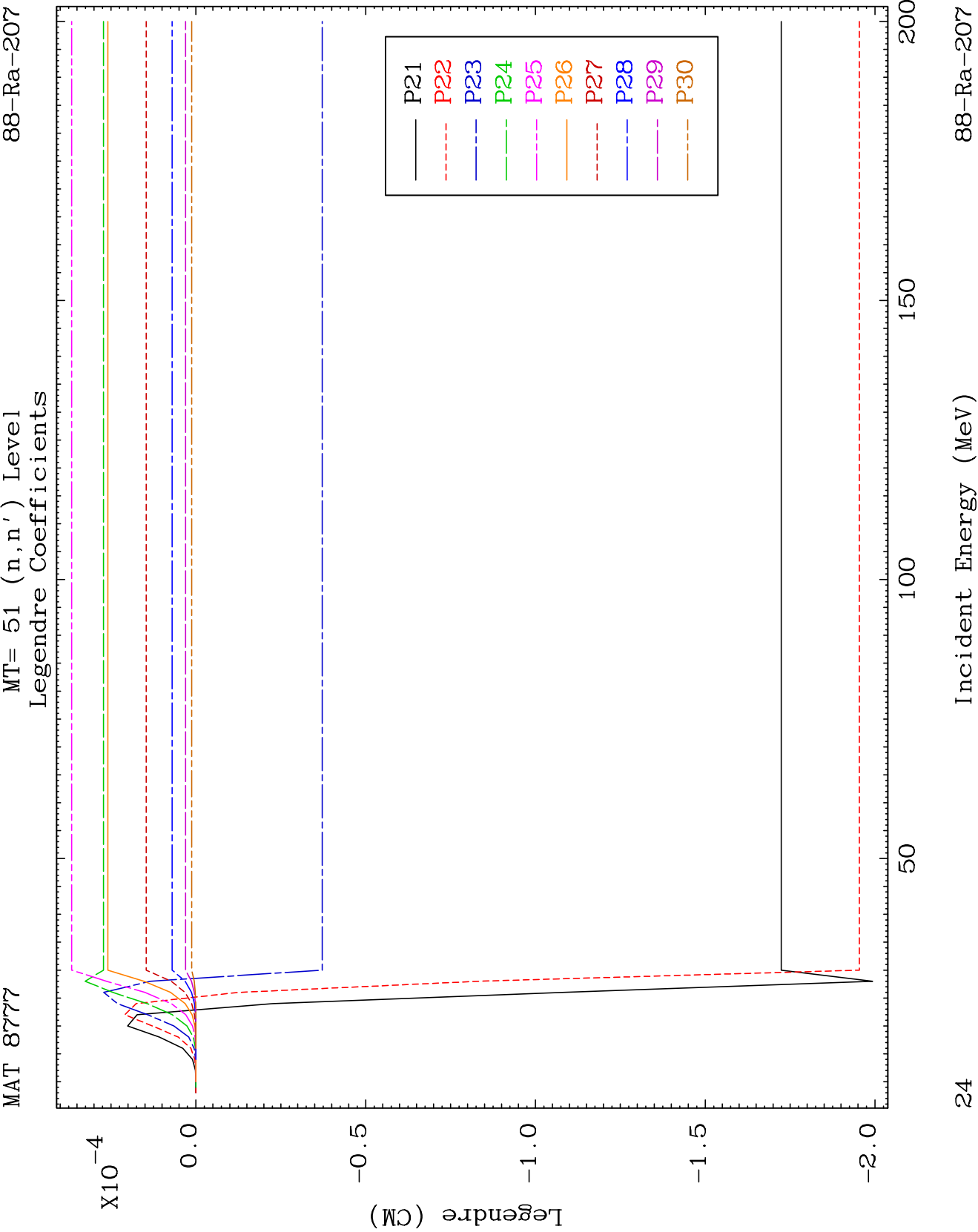


MAT 8777

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

88-Ra-207

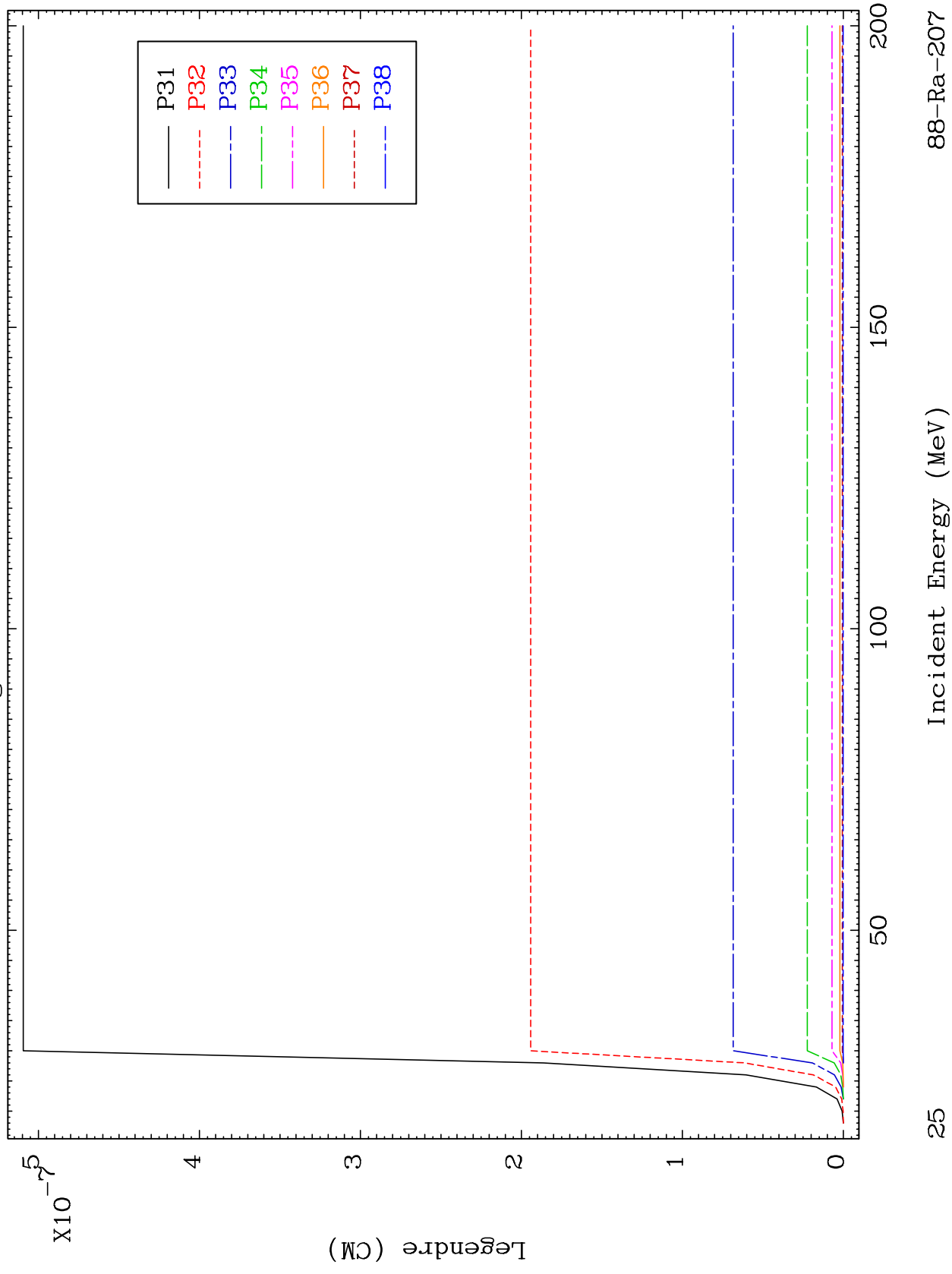




MAT 8777

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

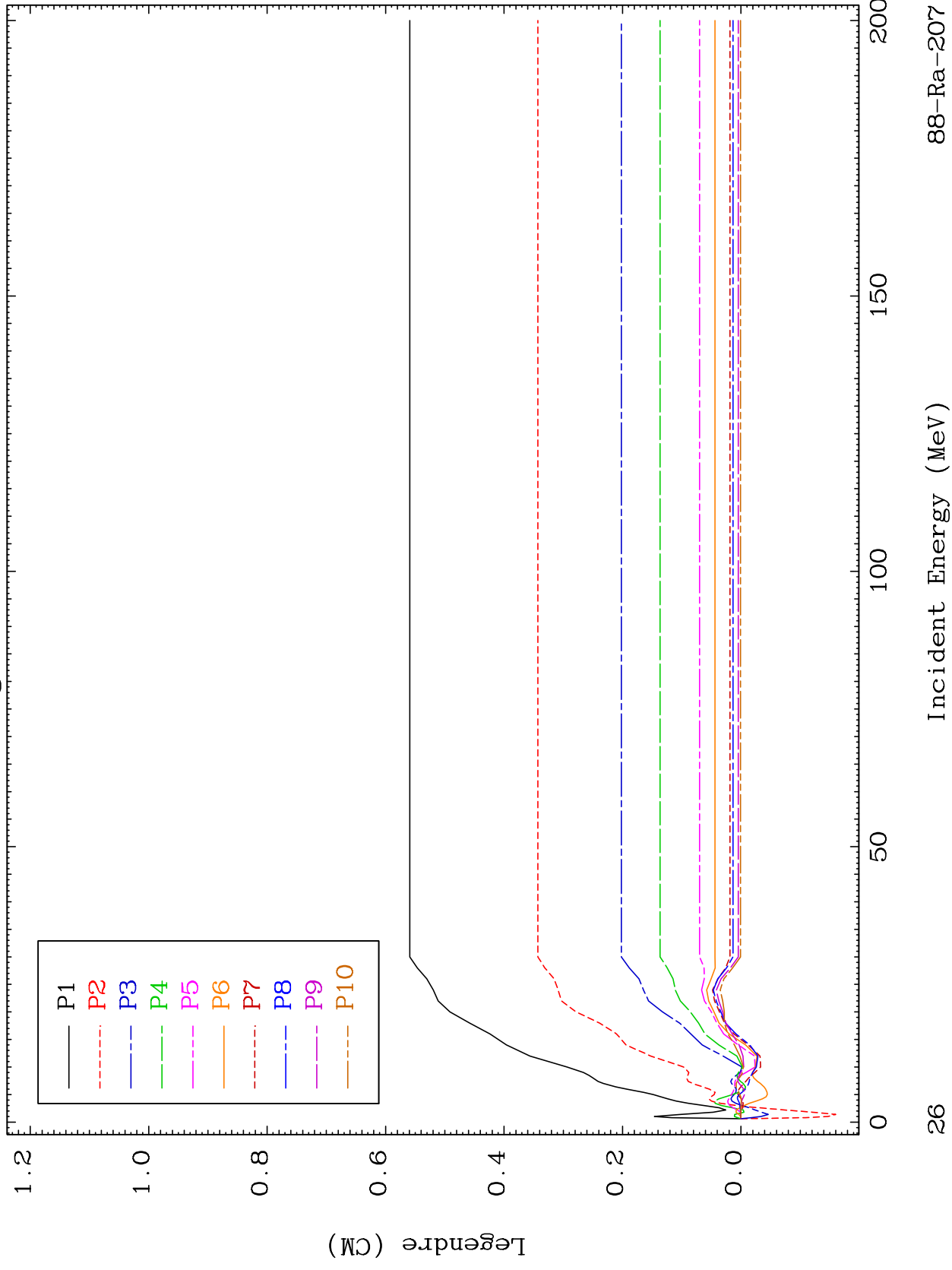
88-Ra-207



MAT 8777

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

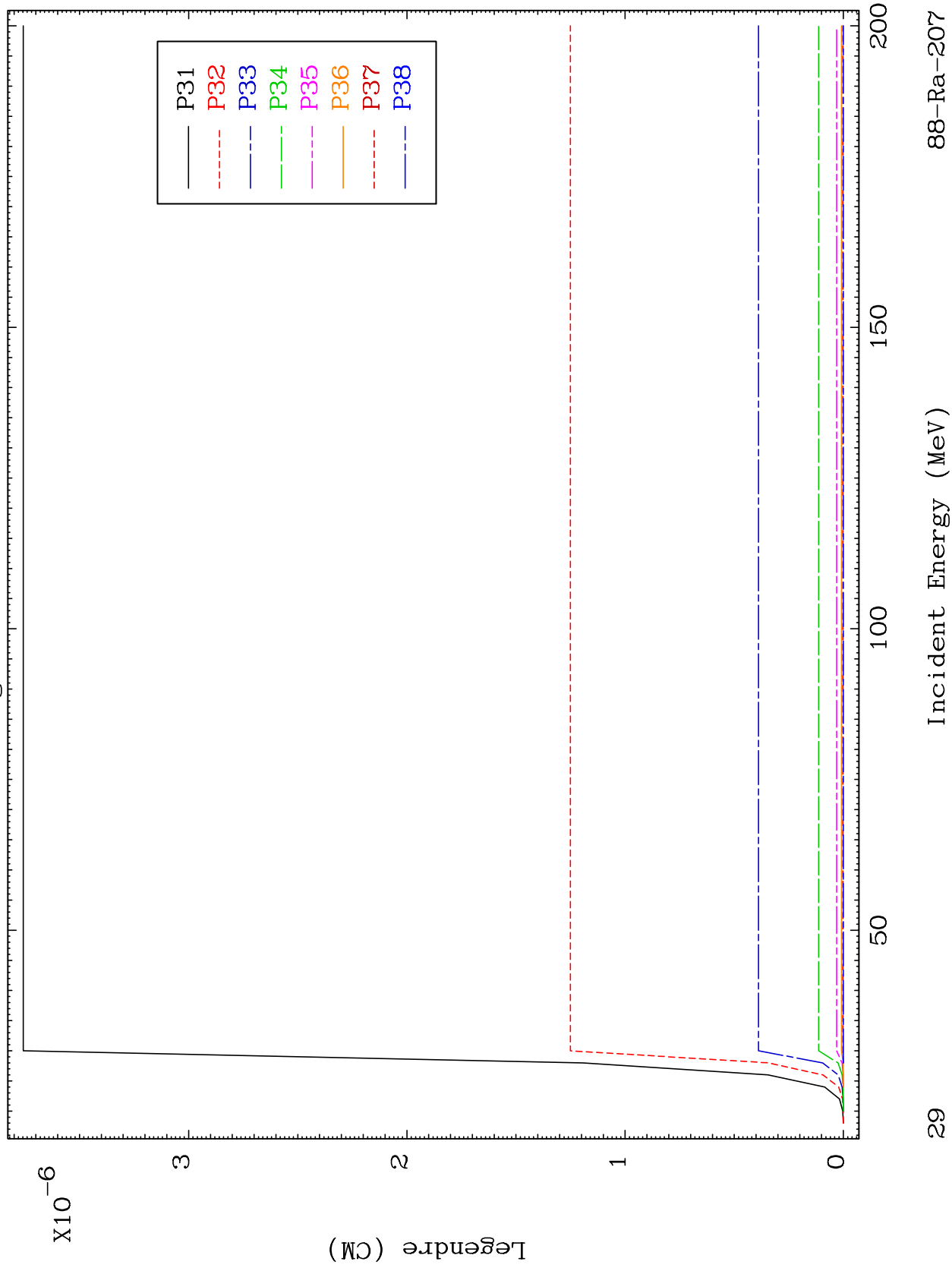
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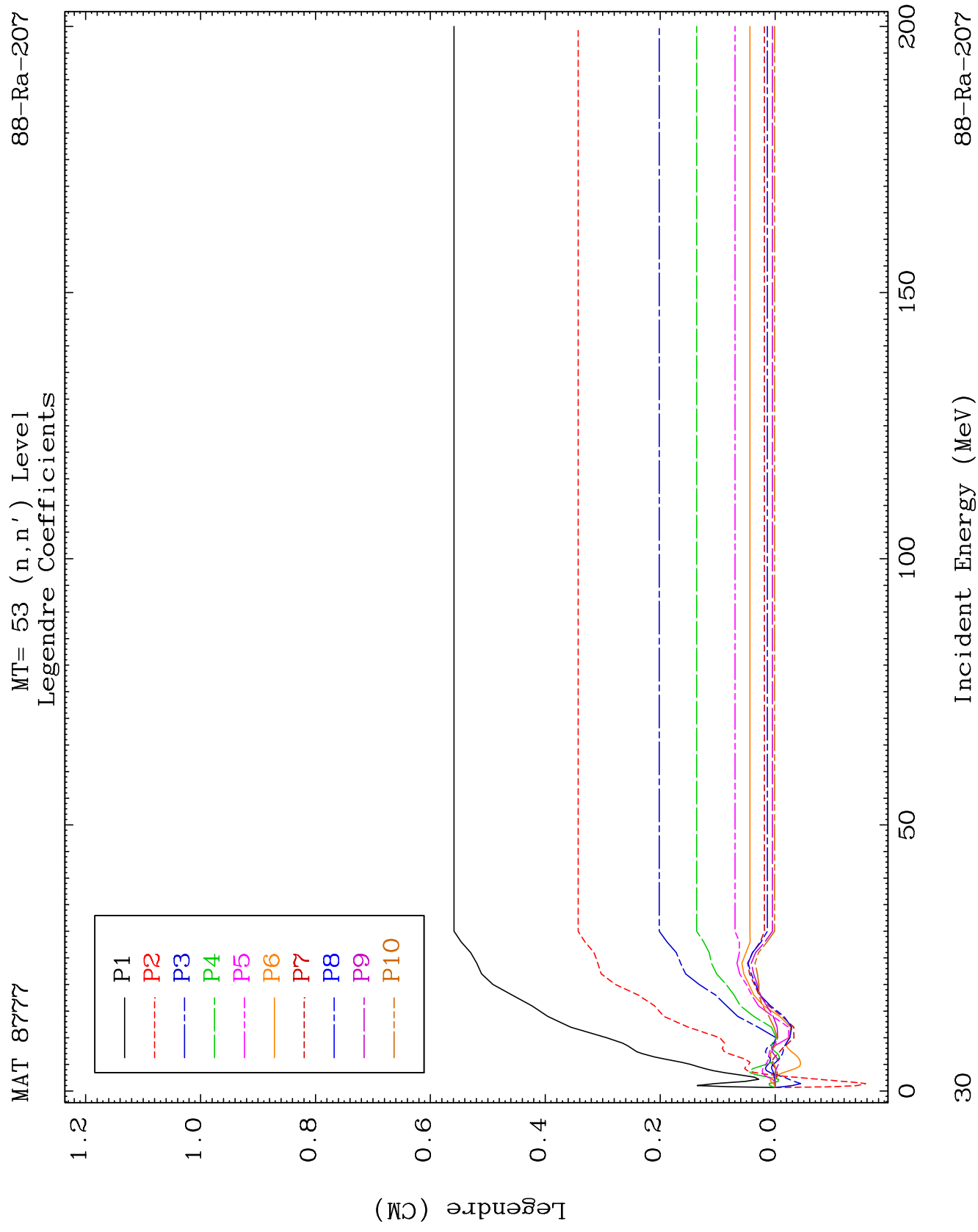


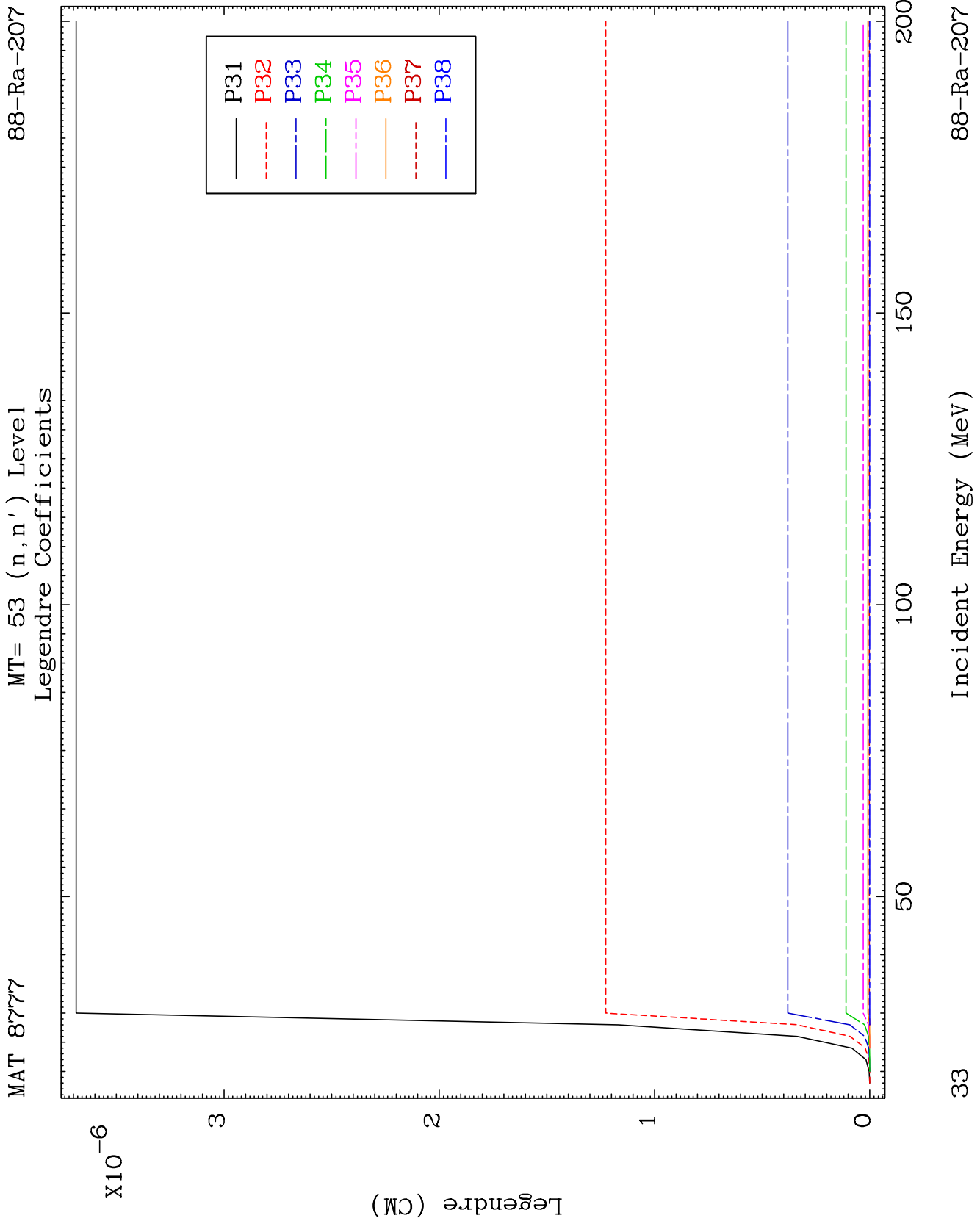
MAT 8777

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

88-Ra-207



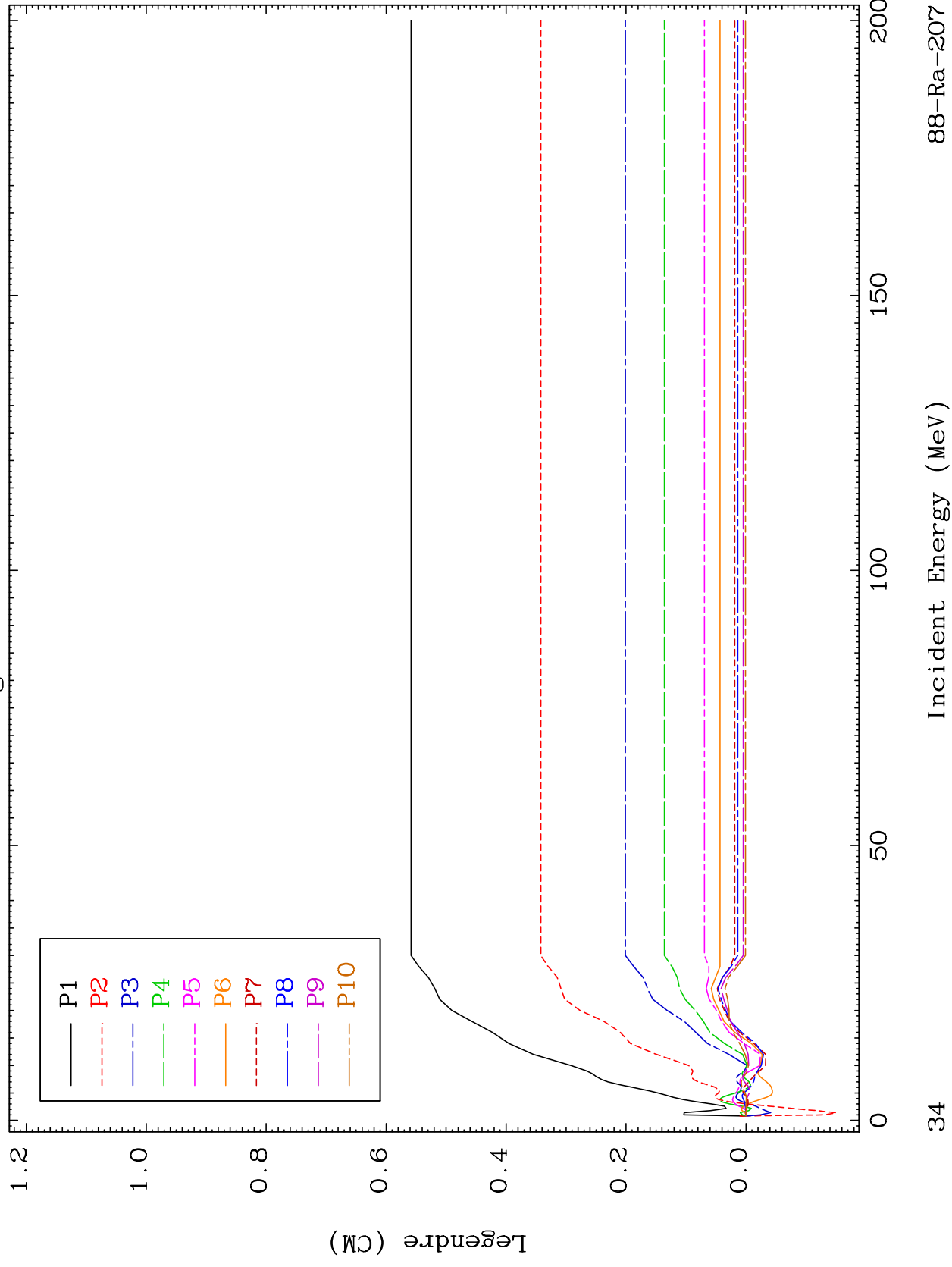


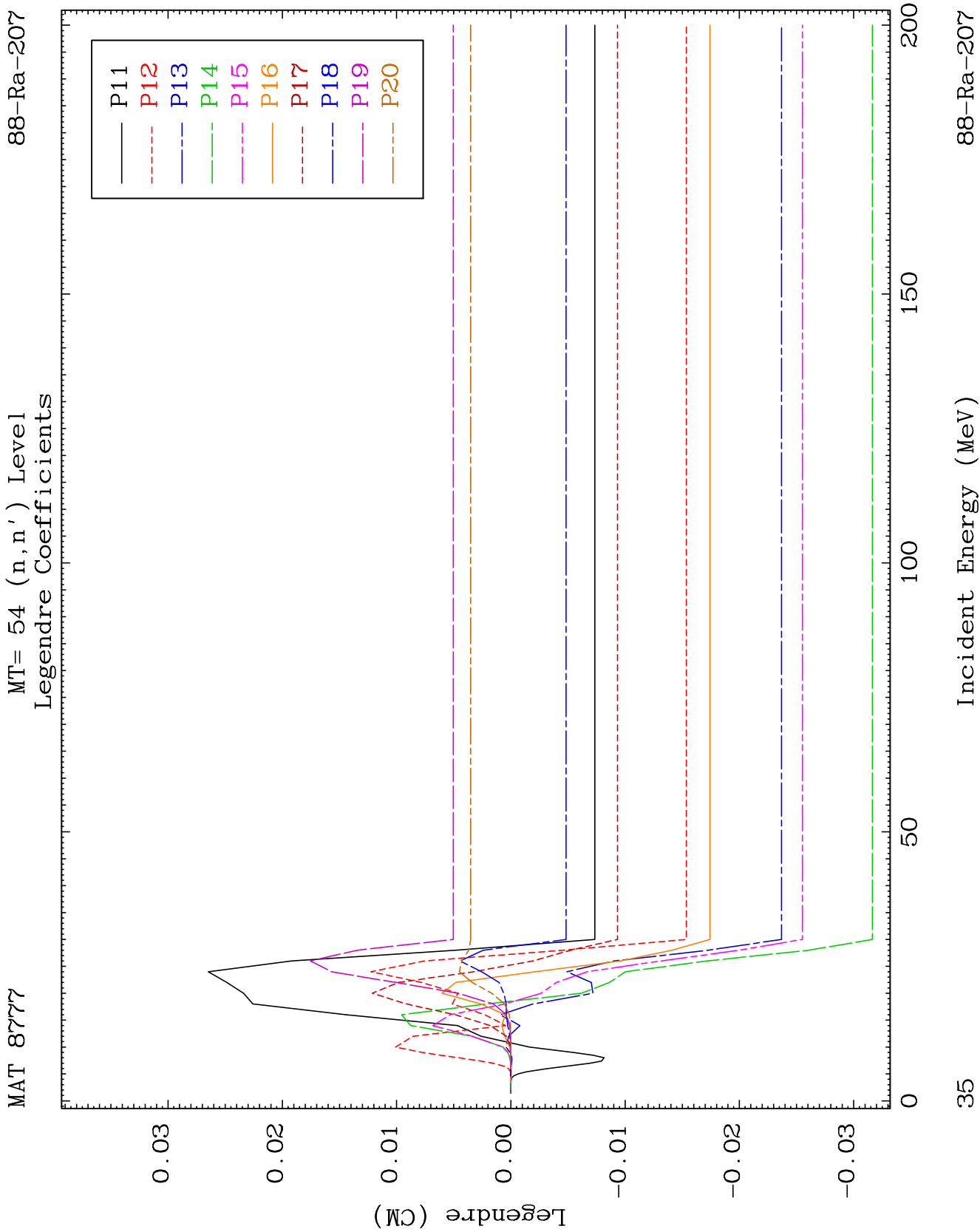


MAT 8777

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

88-Ra-207

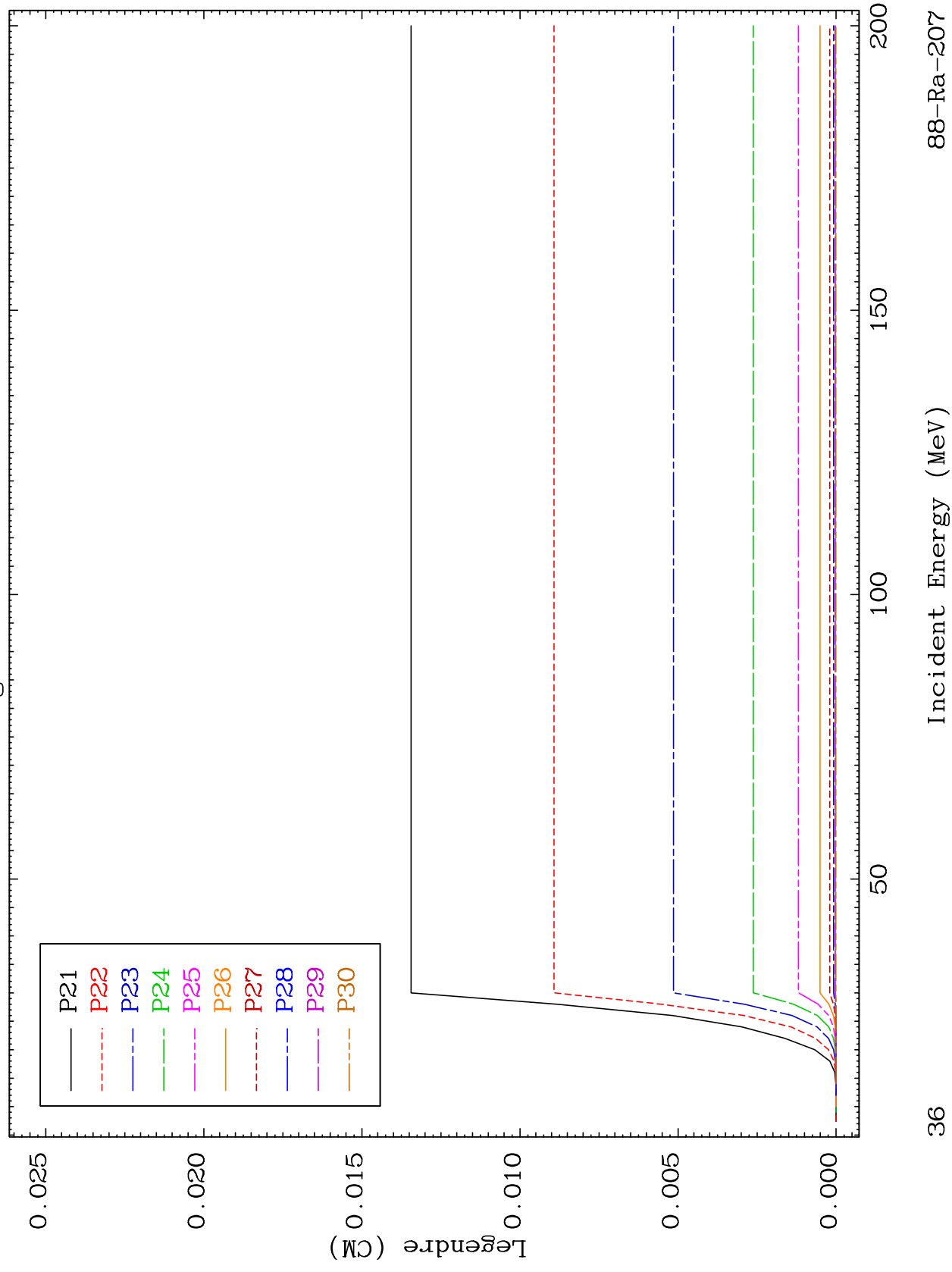


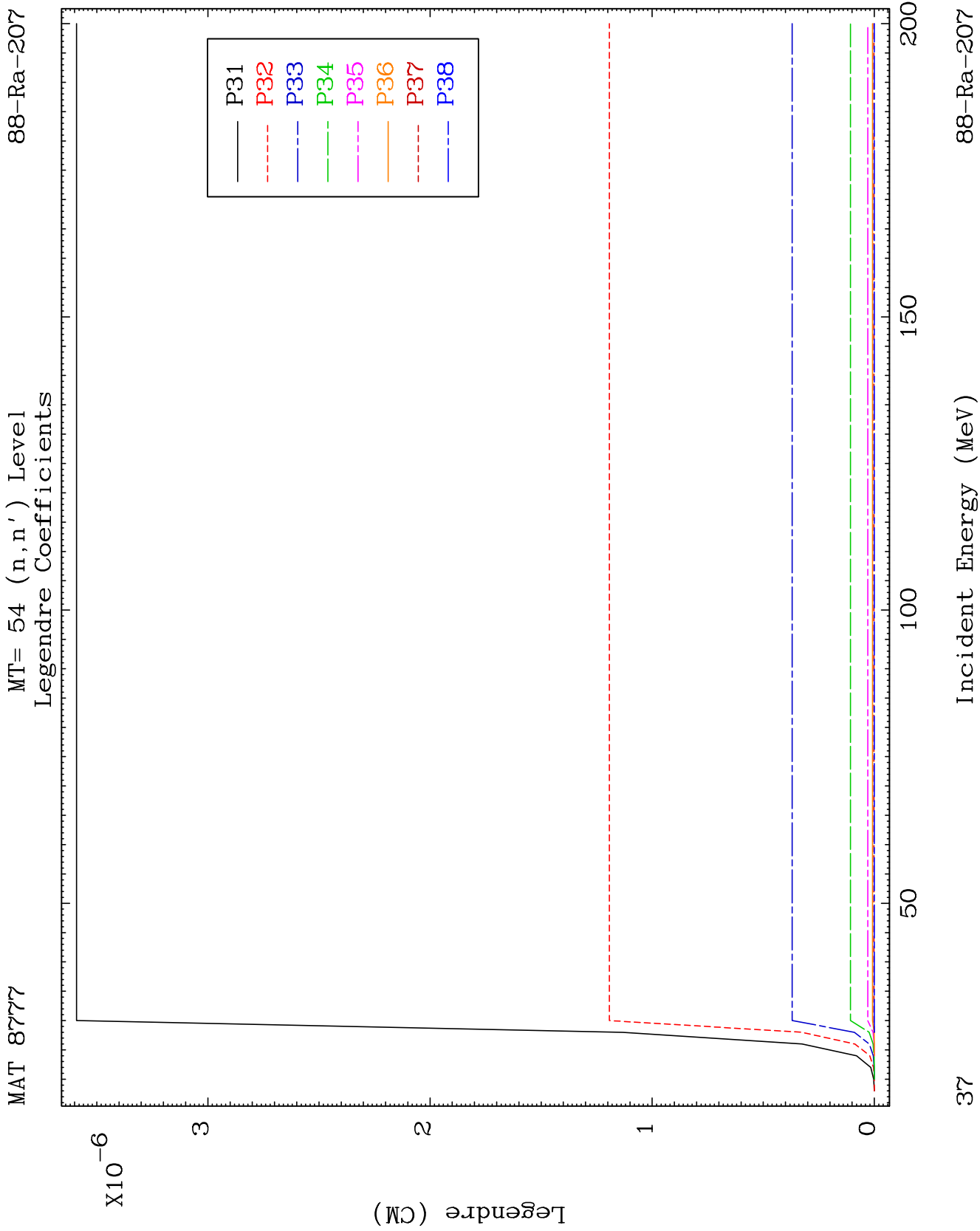


MAT 8777

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

88-Ra-207

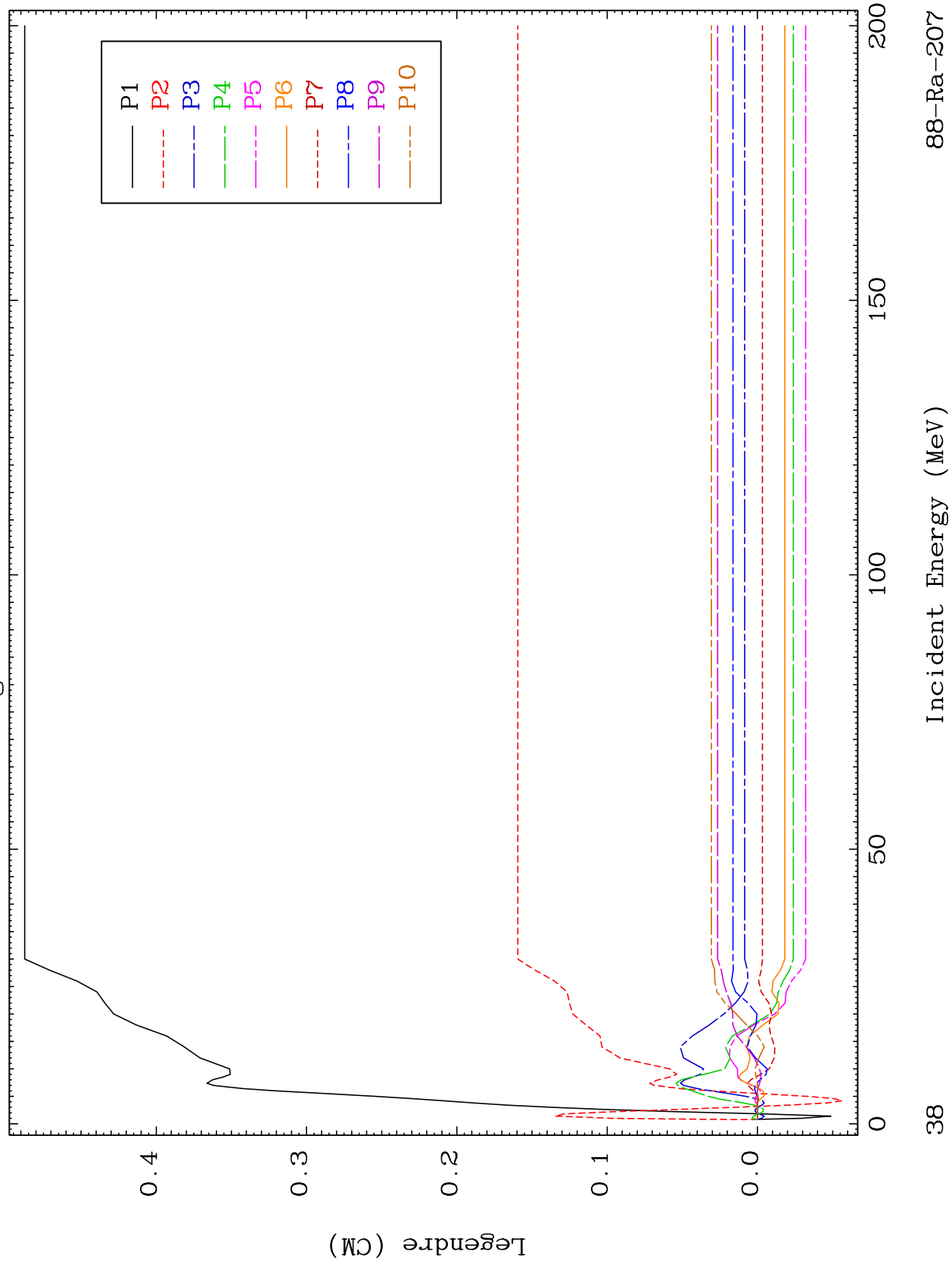




MAT 8777

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

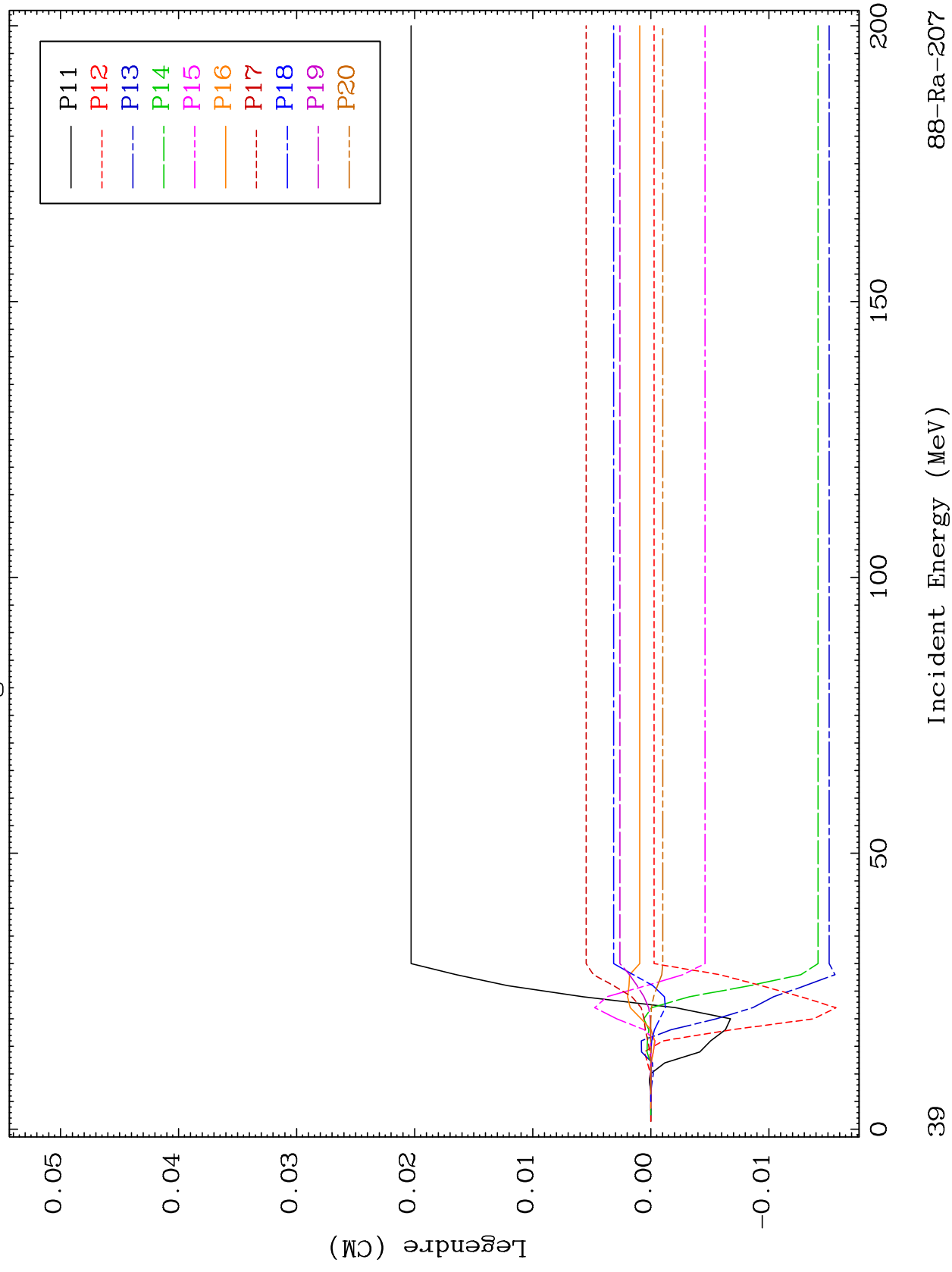
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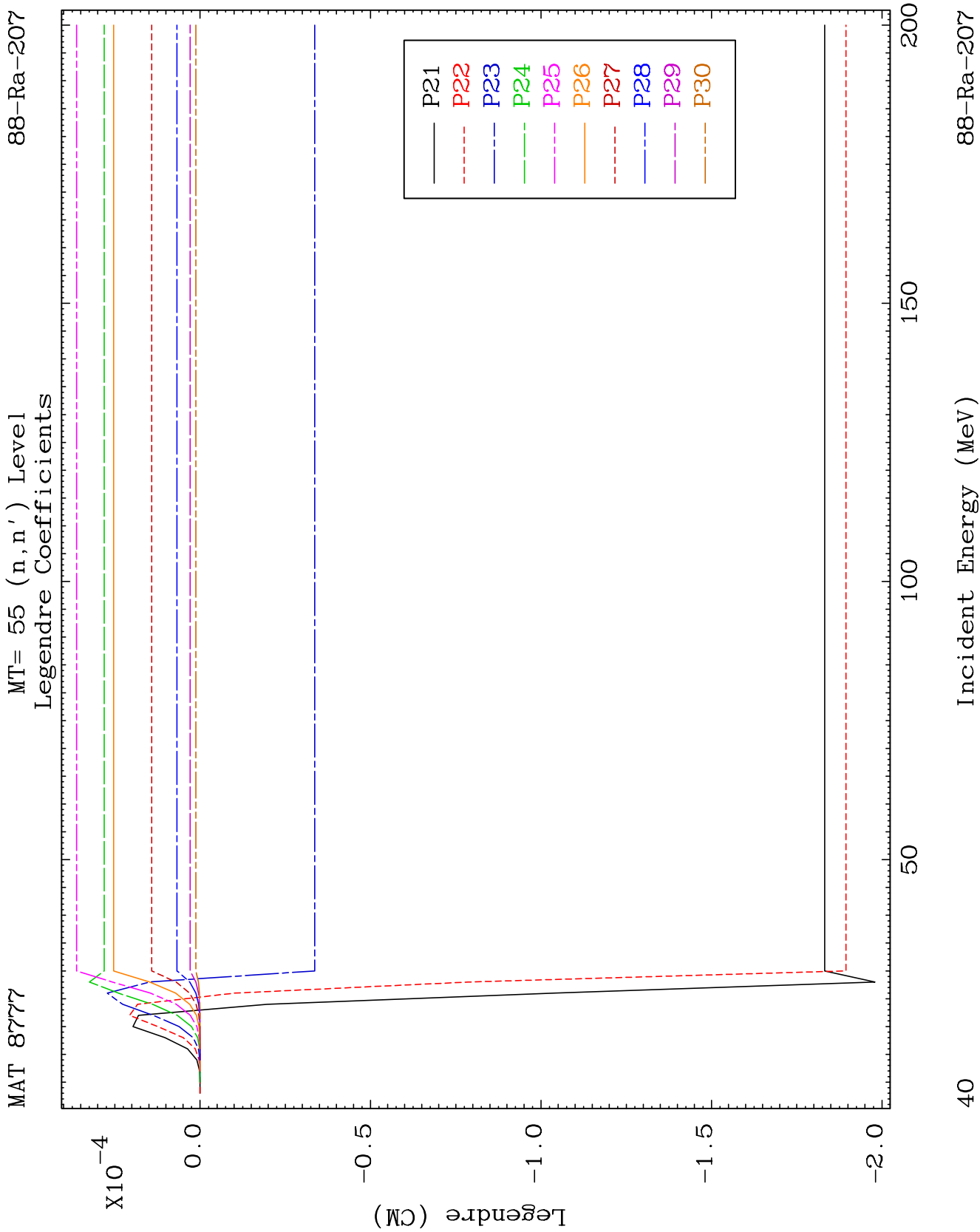


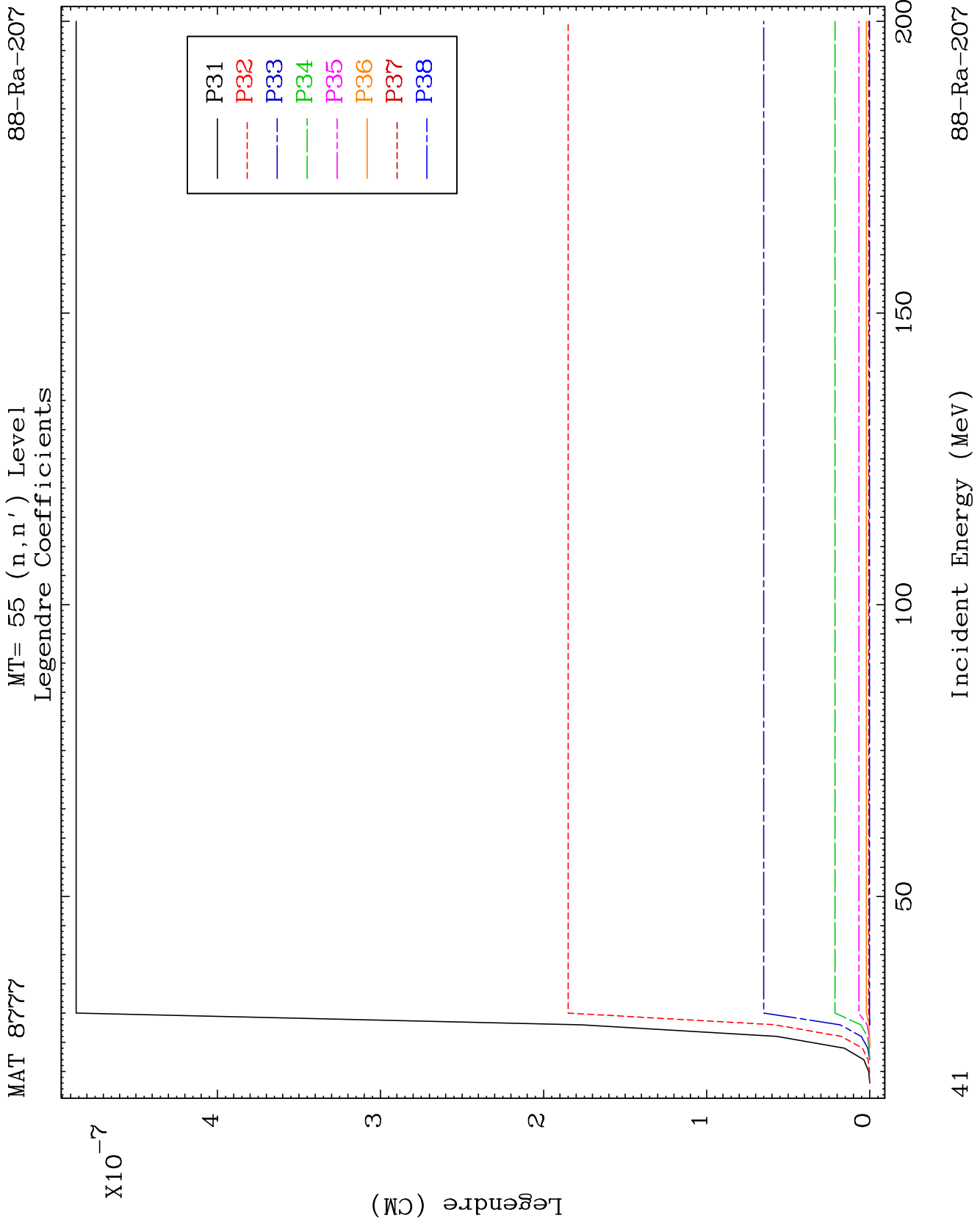
MAT 8777

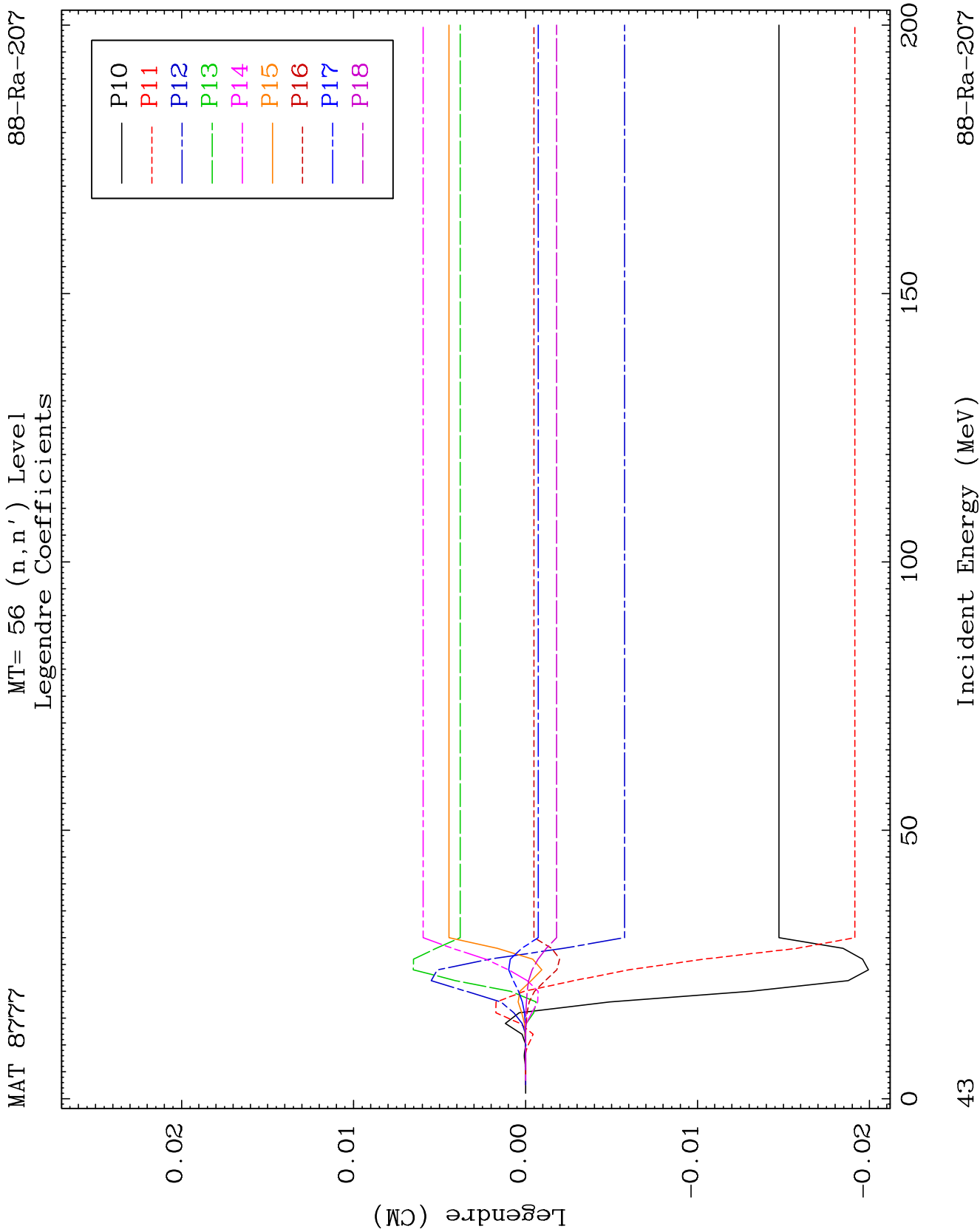
MT= 55 (n, n') Level
Legendre Coefficients

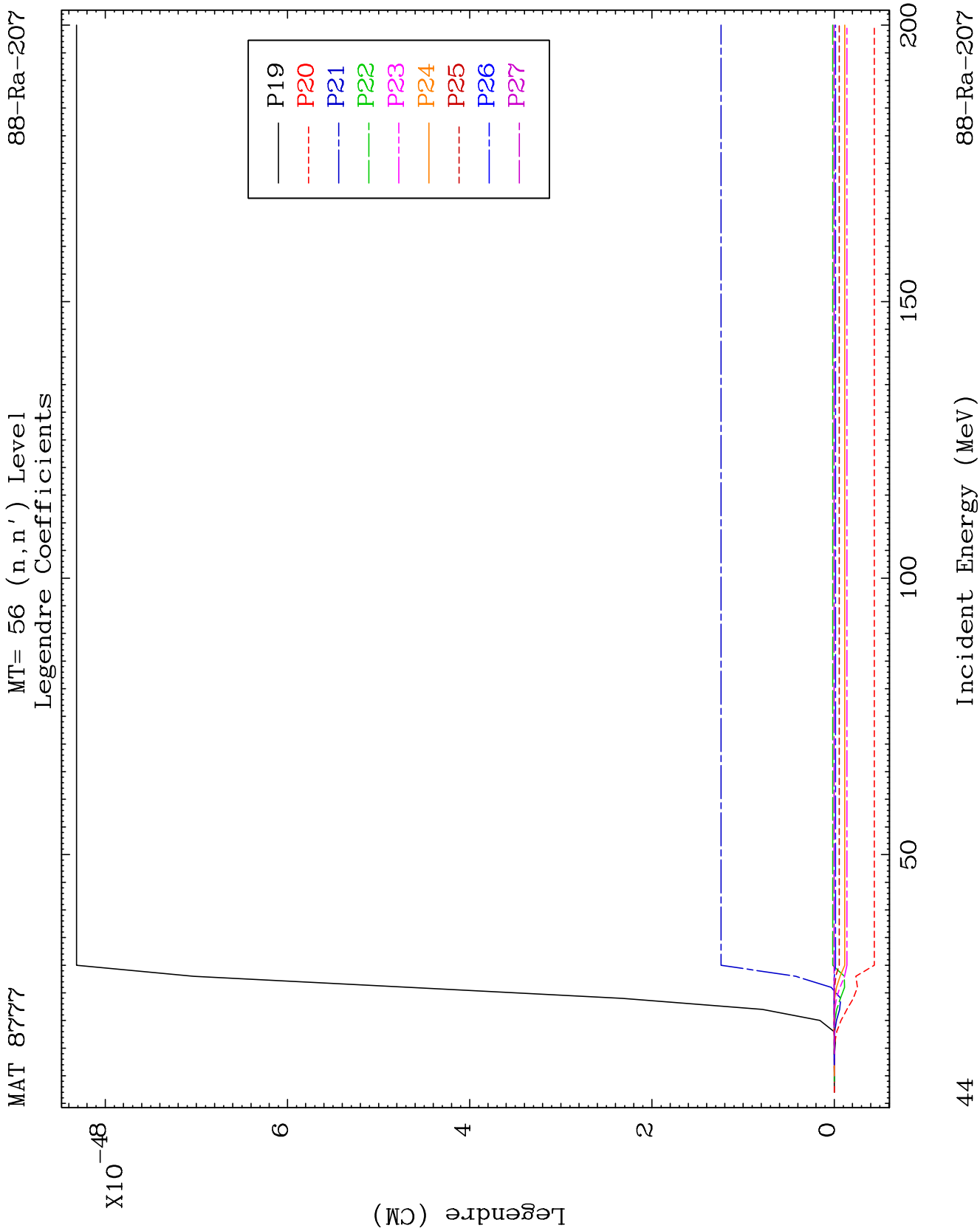
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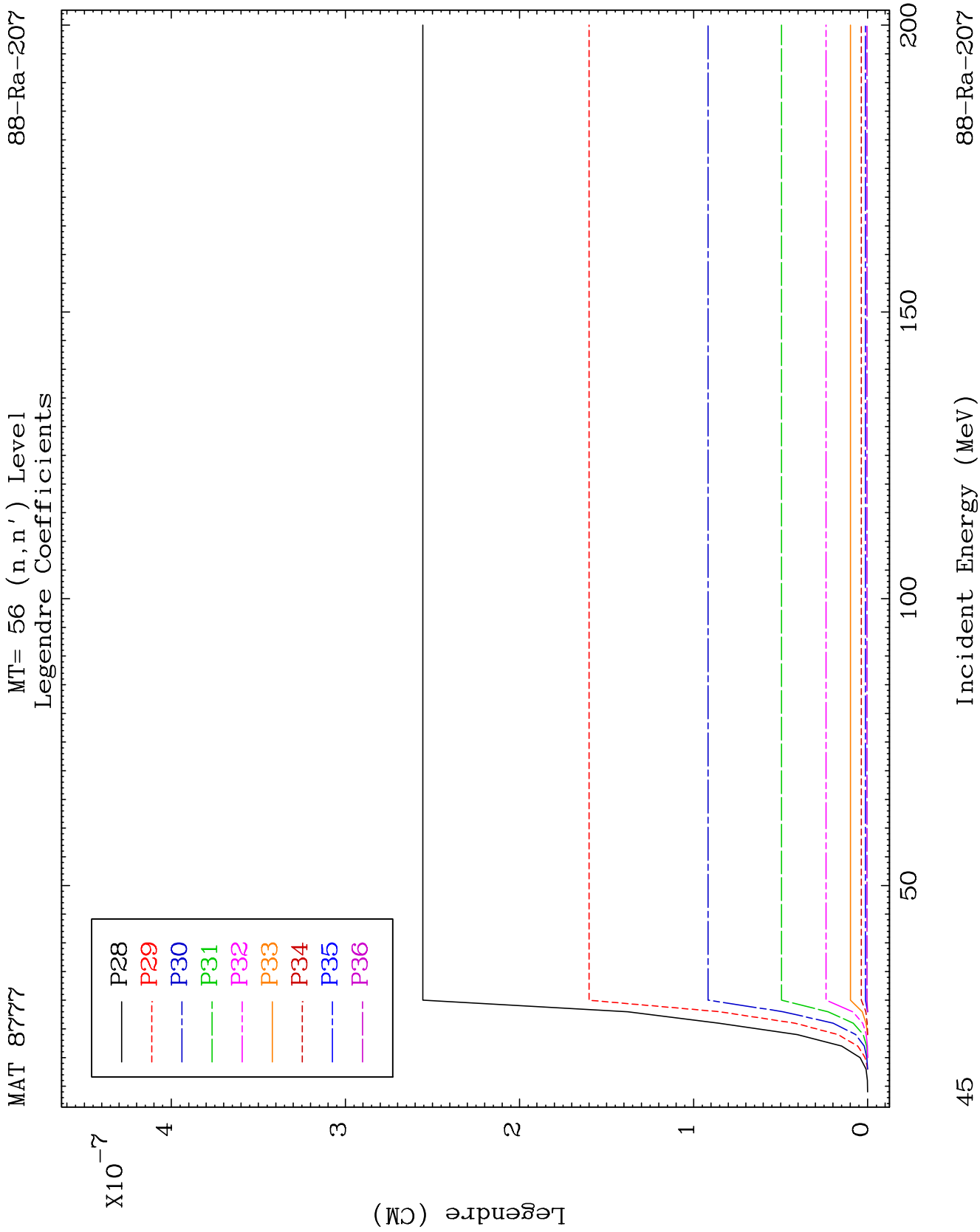


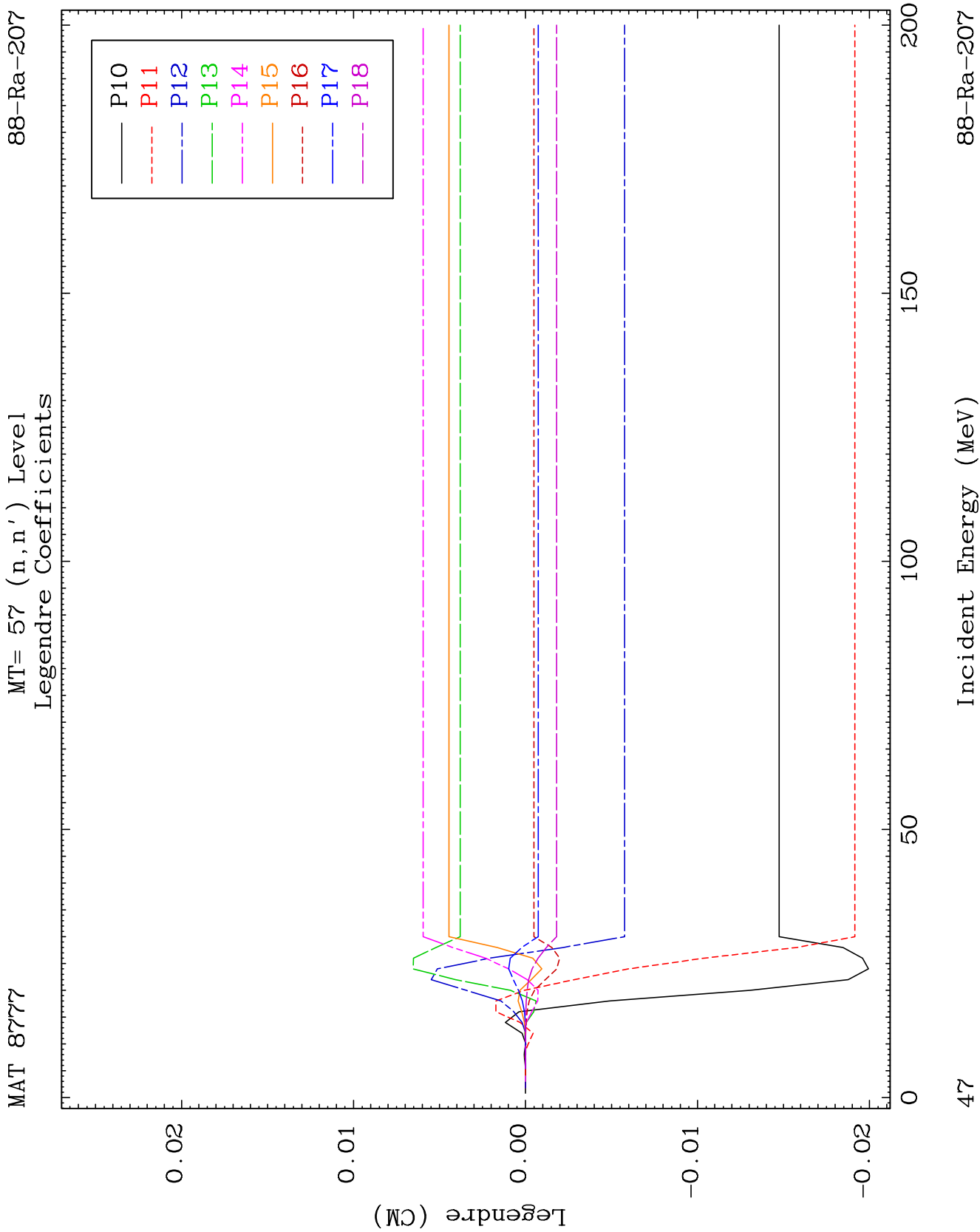


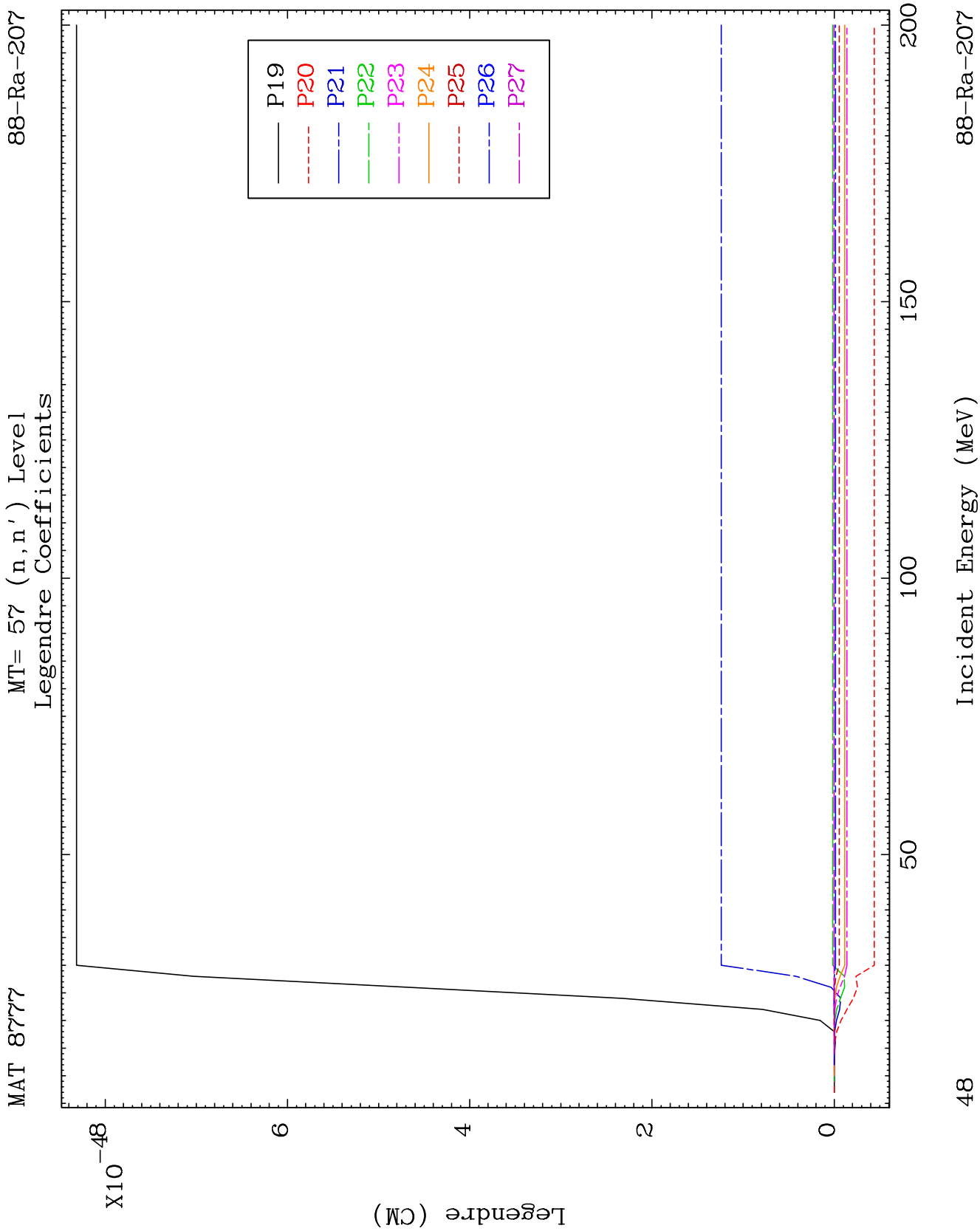


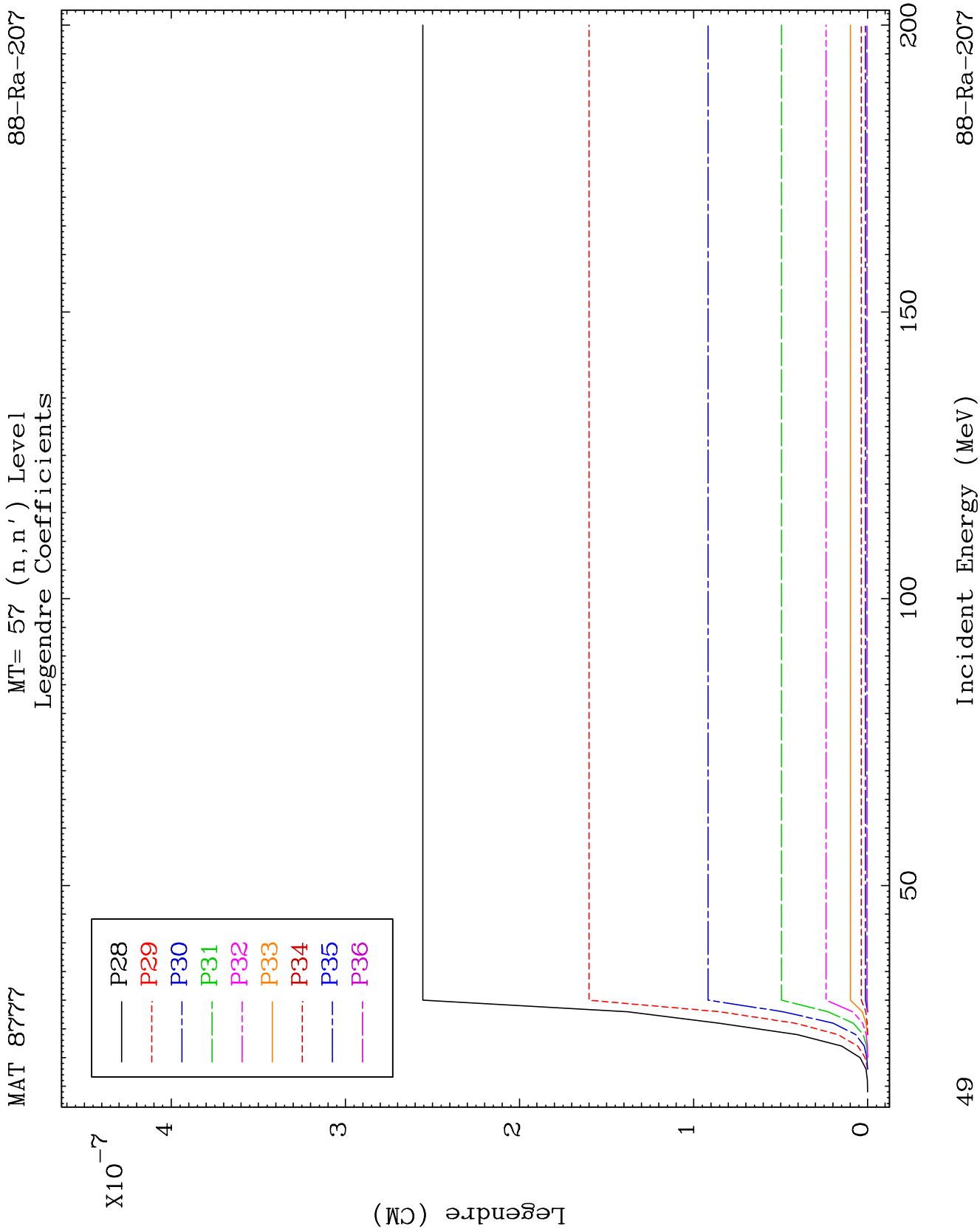








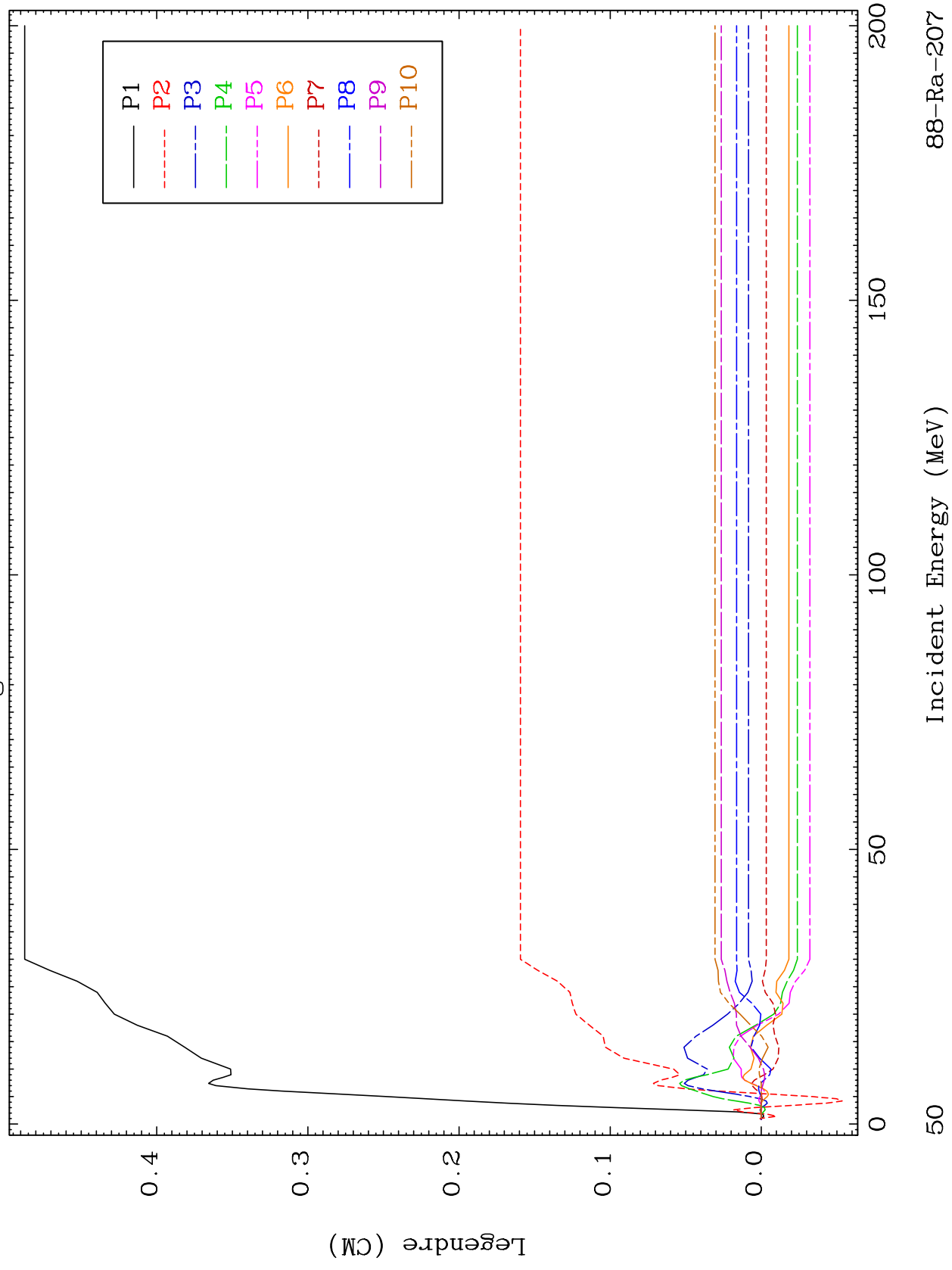




MAT 8777

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

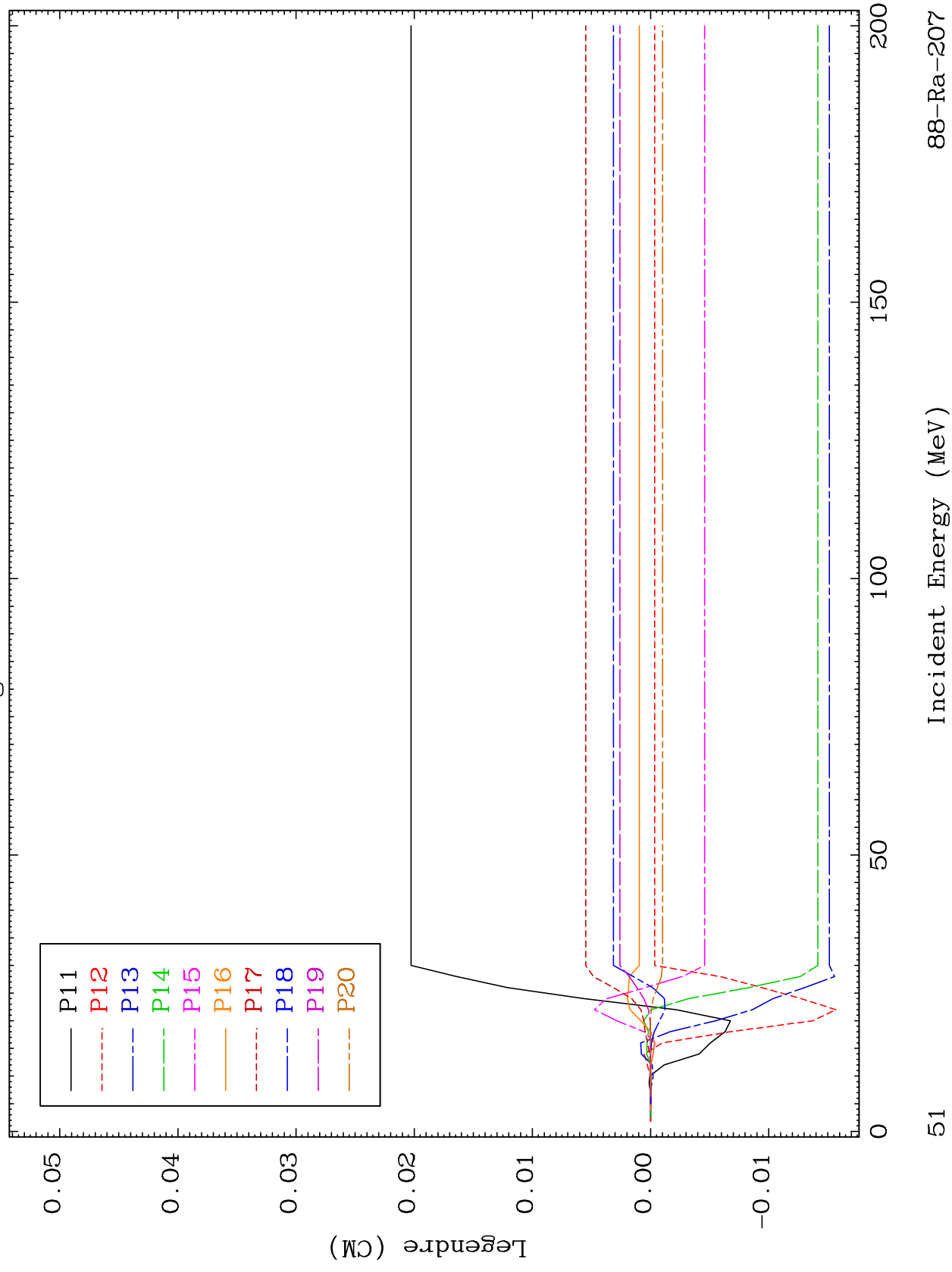
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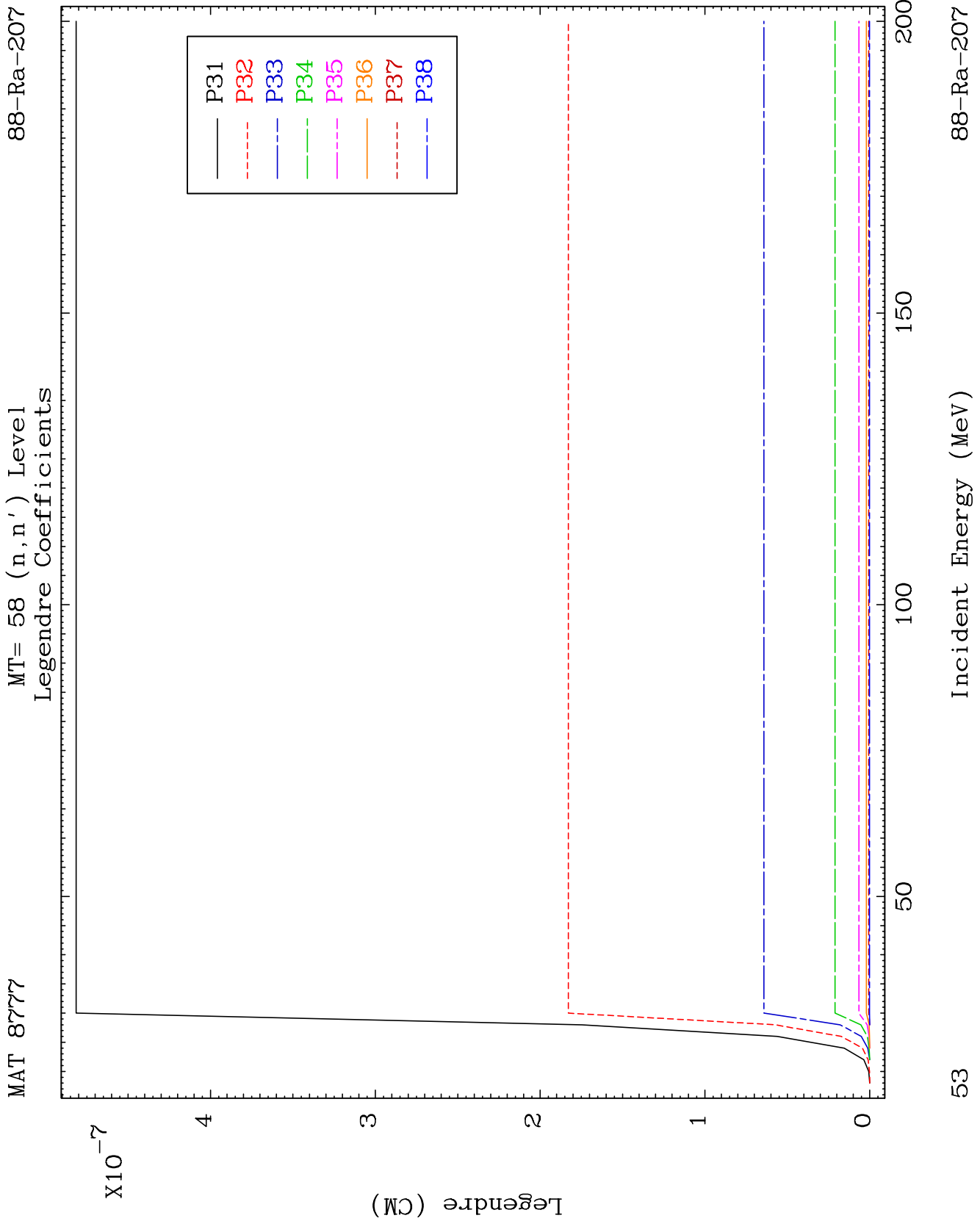


MAT 8777

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

88-Ra-207

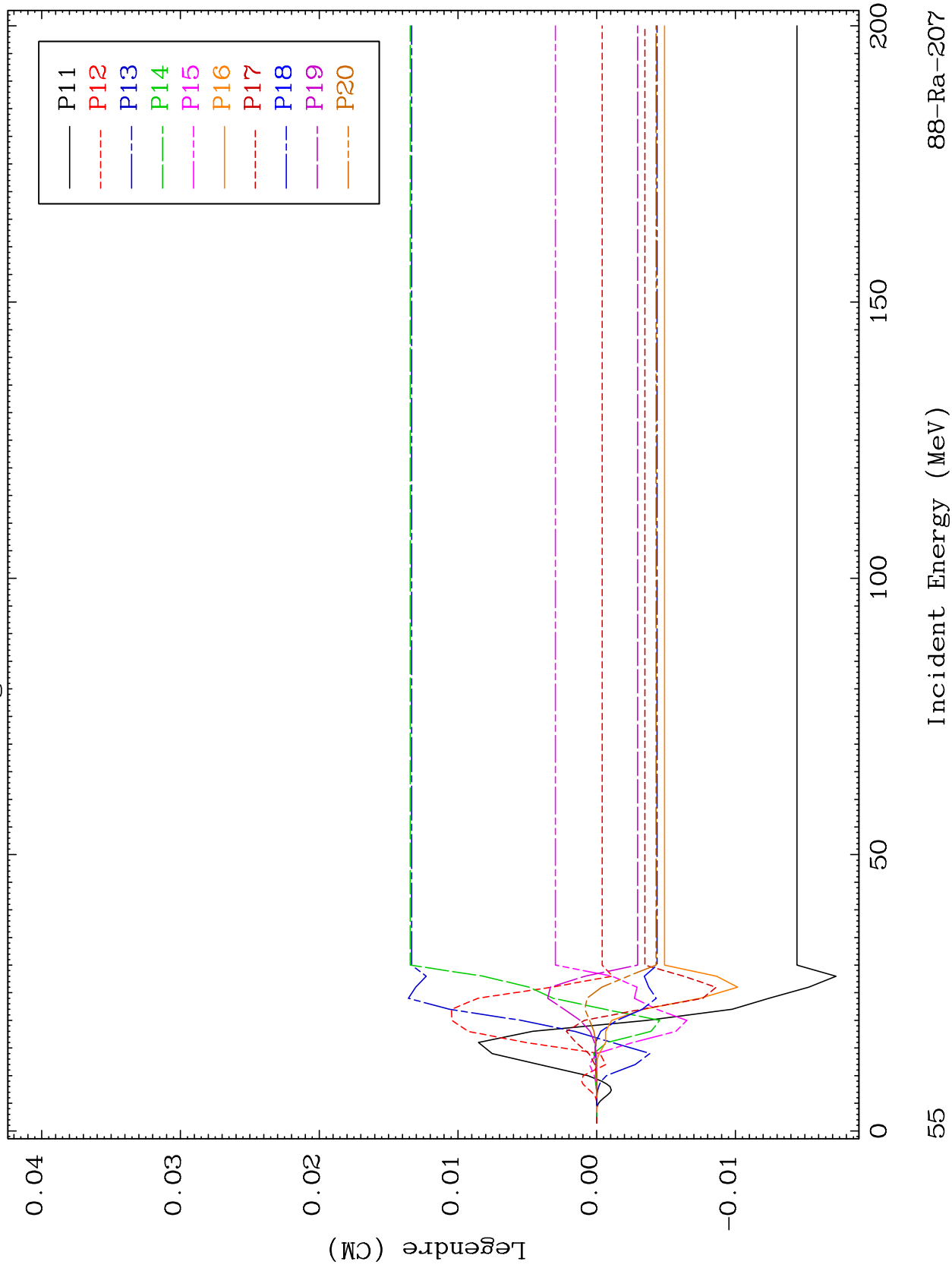




MAT 8777

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

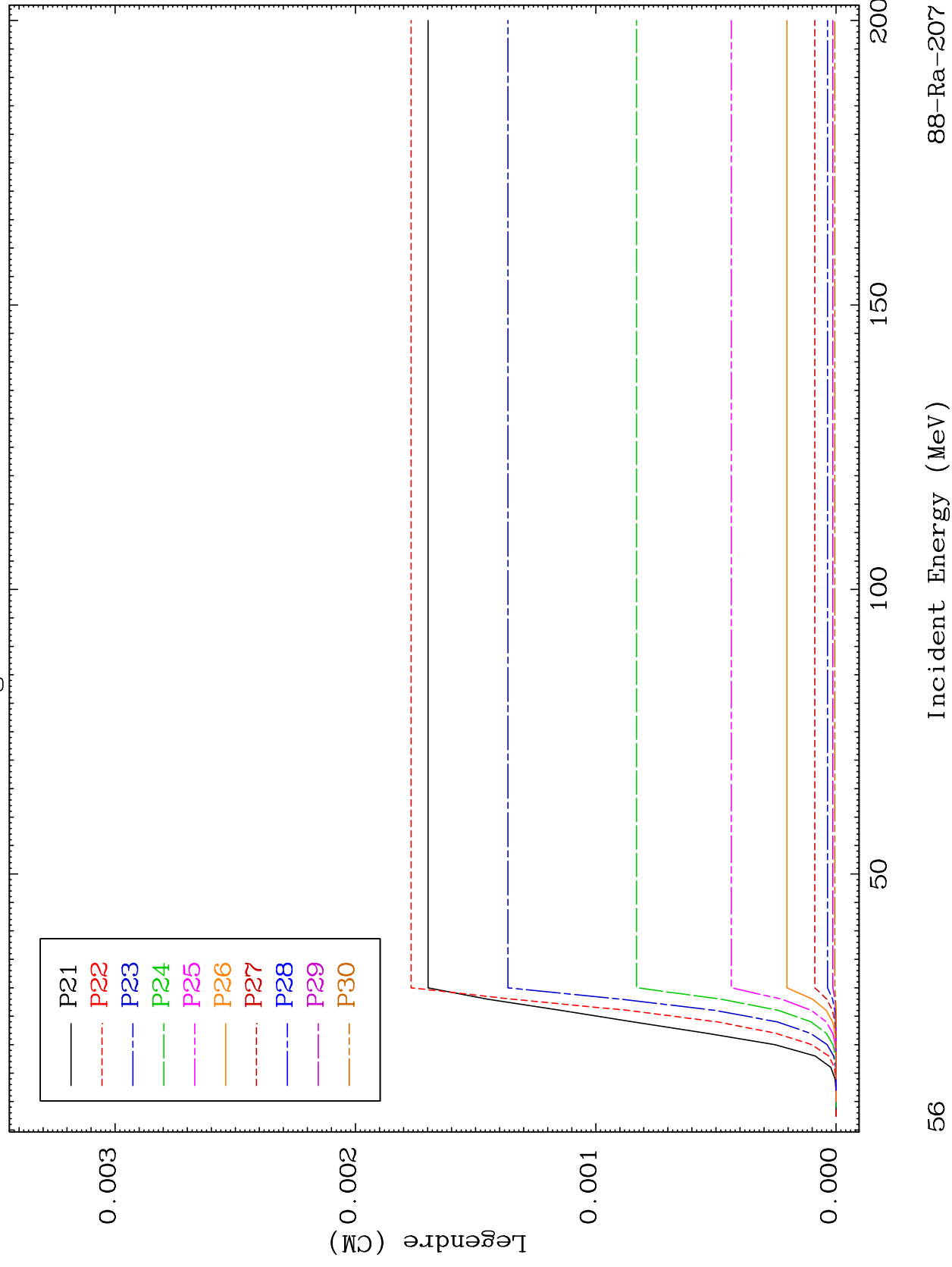
88-Ra-207



MAT 8777

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

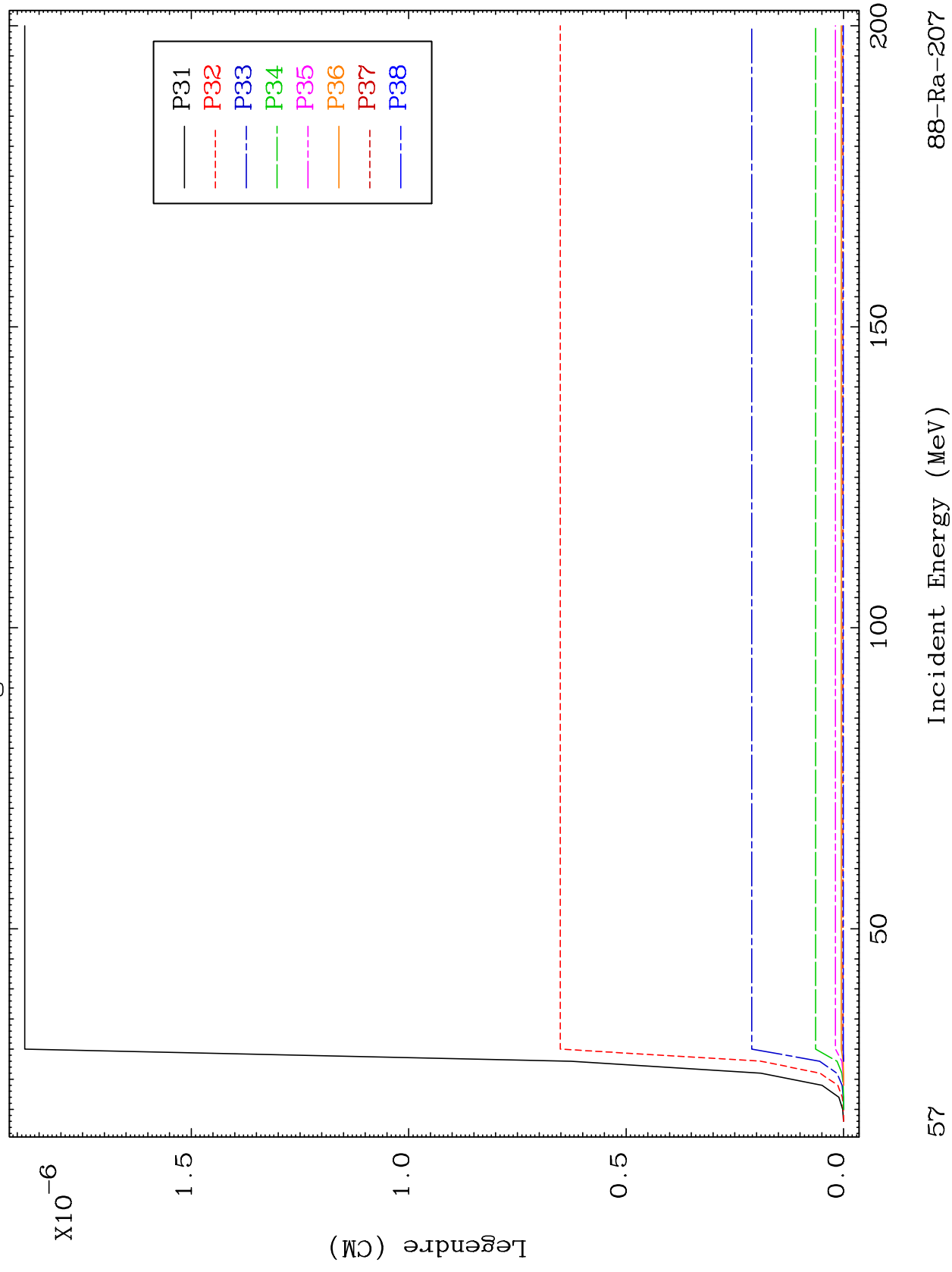
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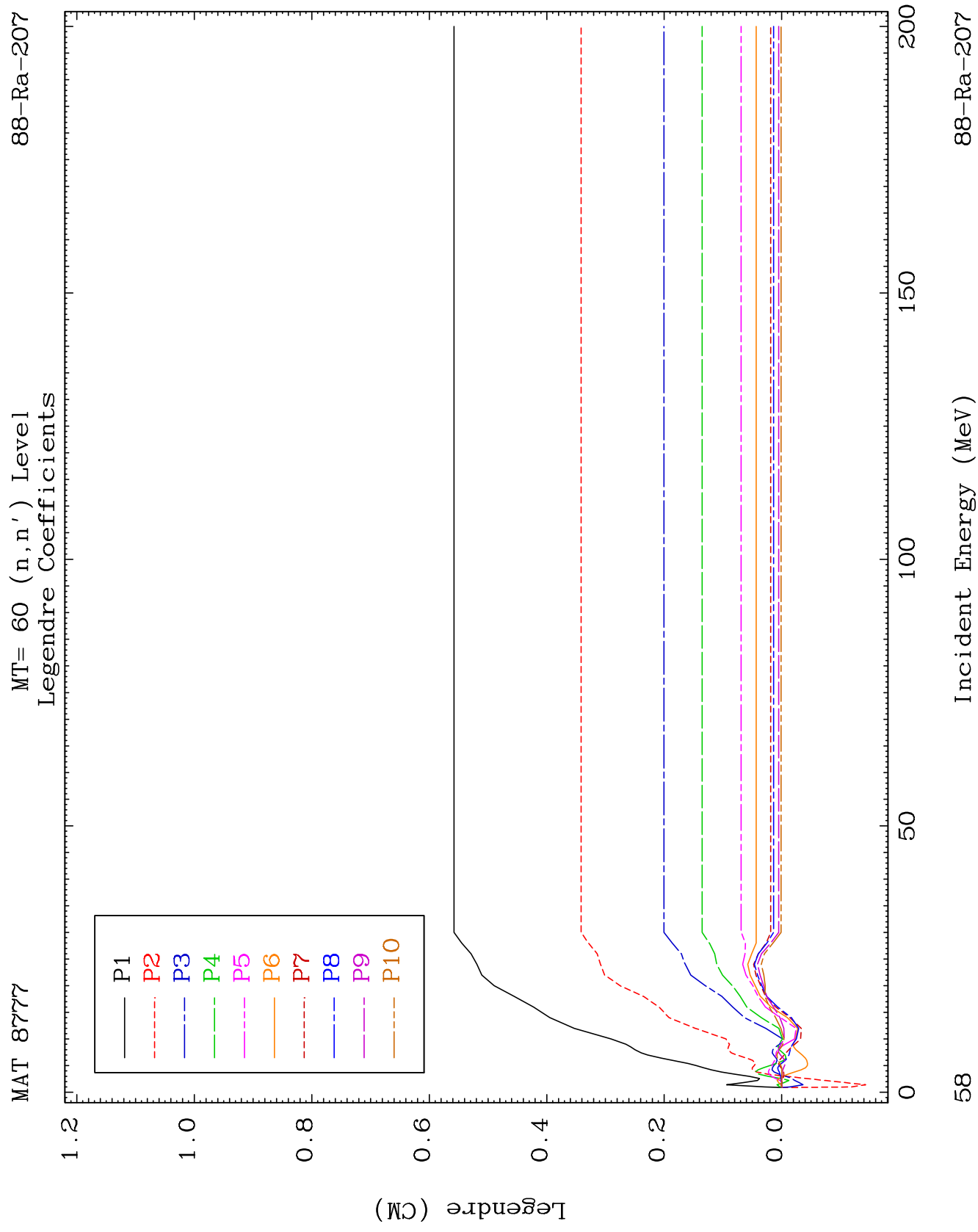


MAT 8777

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

88-Ra-207

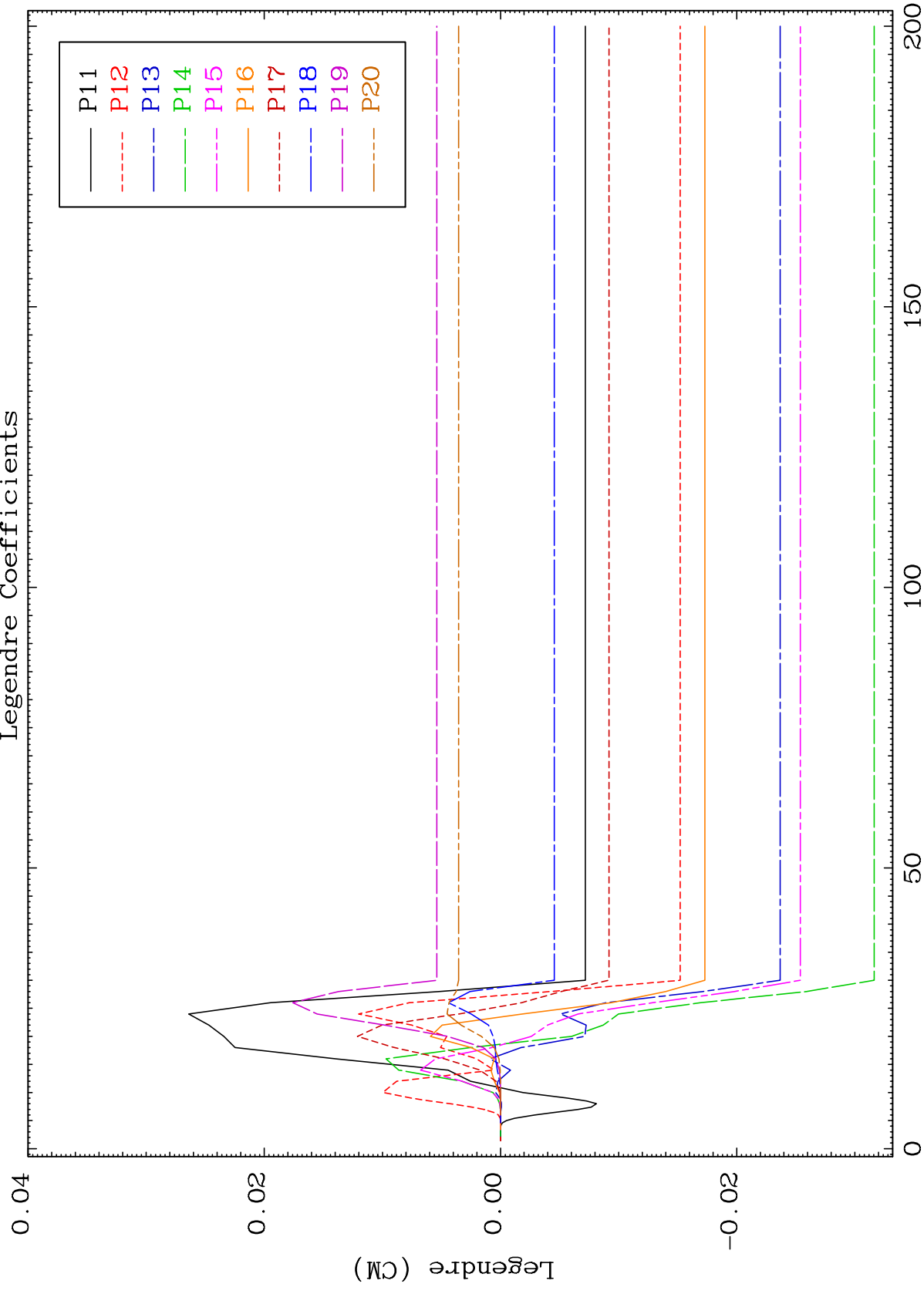




MAT 8777

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

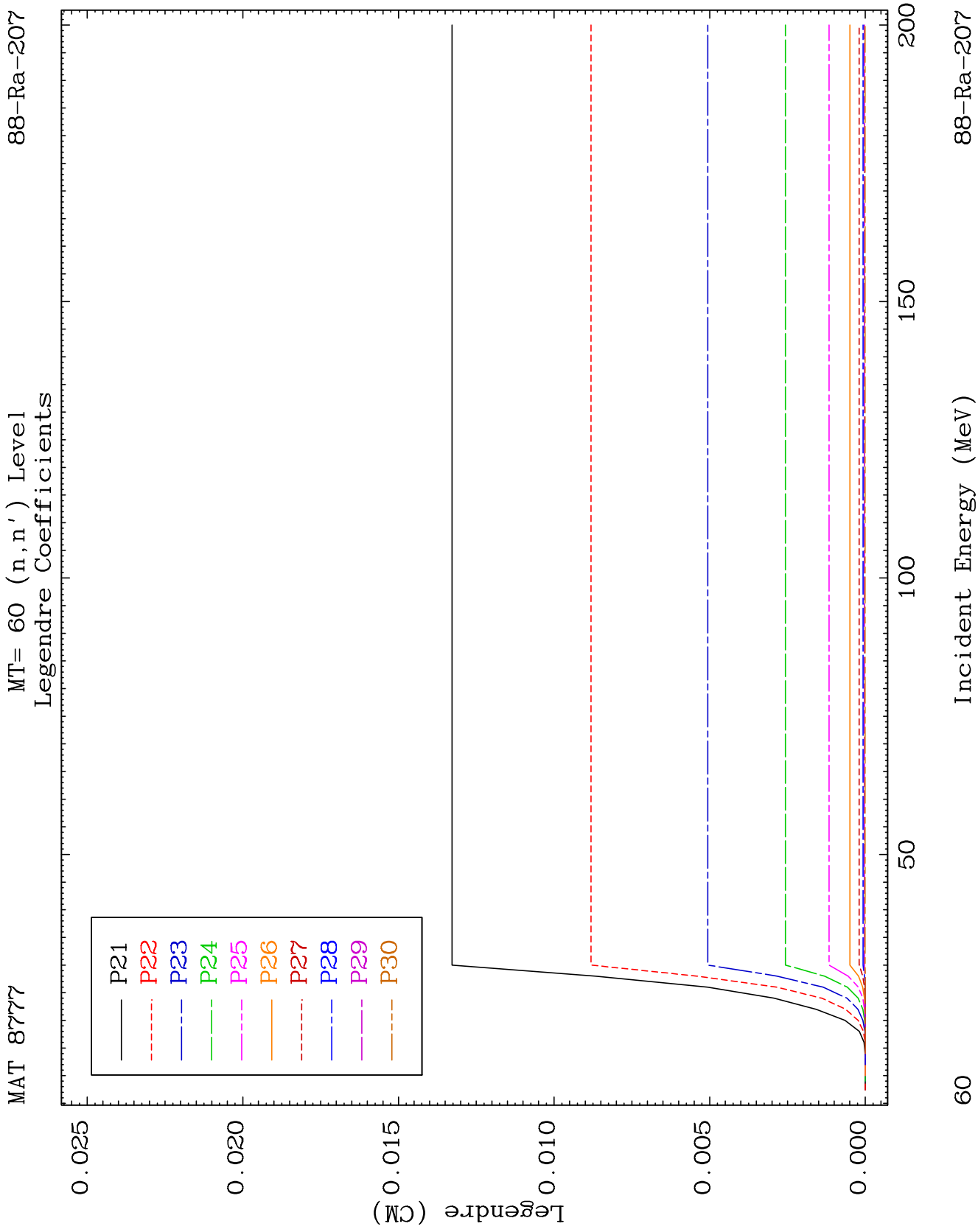
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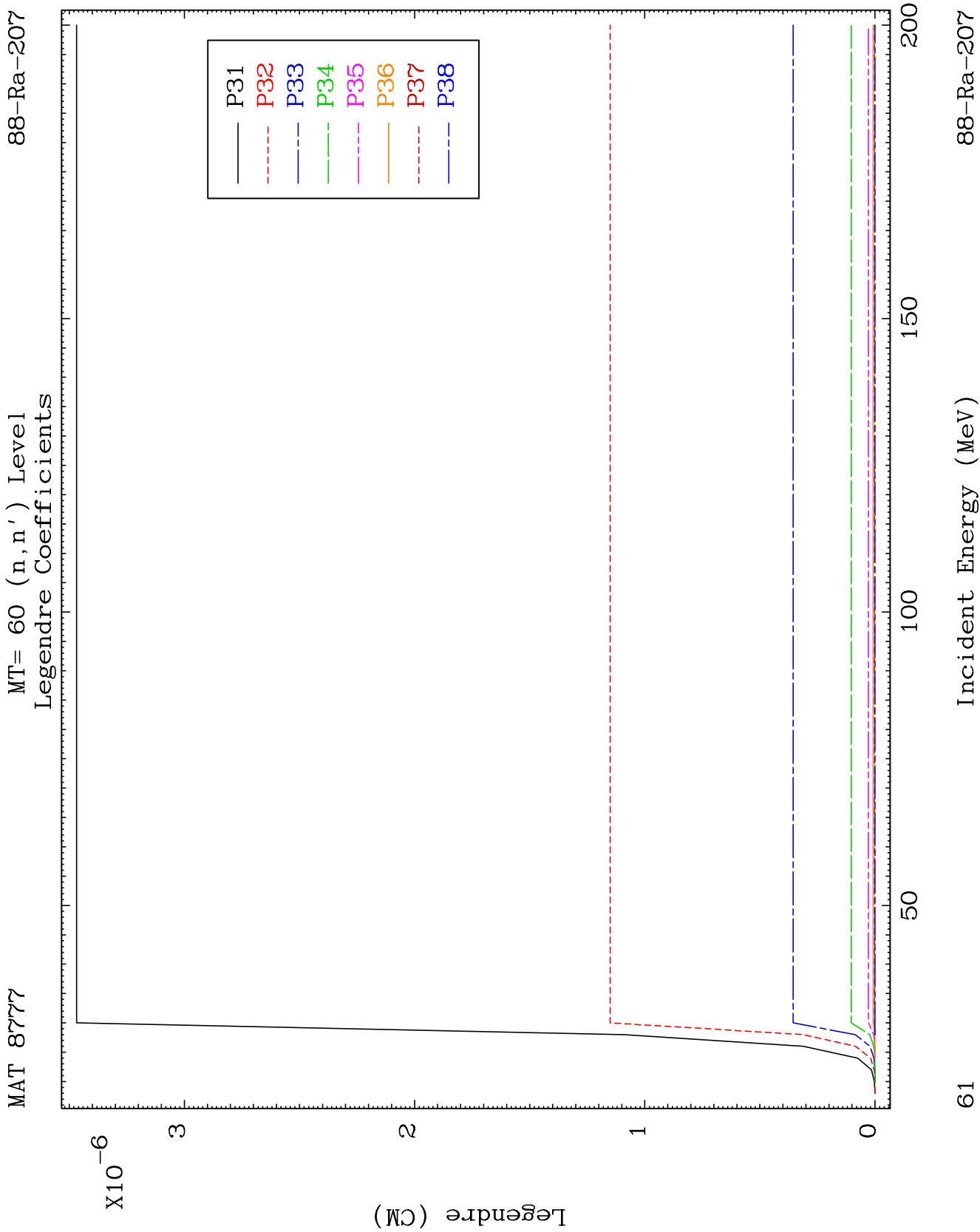


65

Incident Energy (MeV)

88-Ra-207

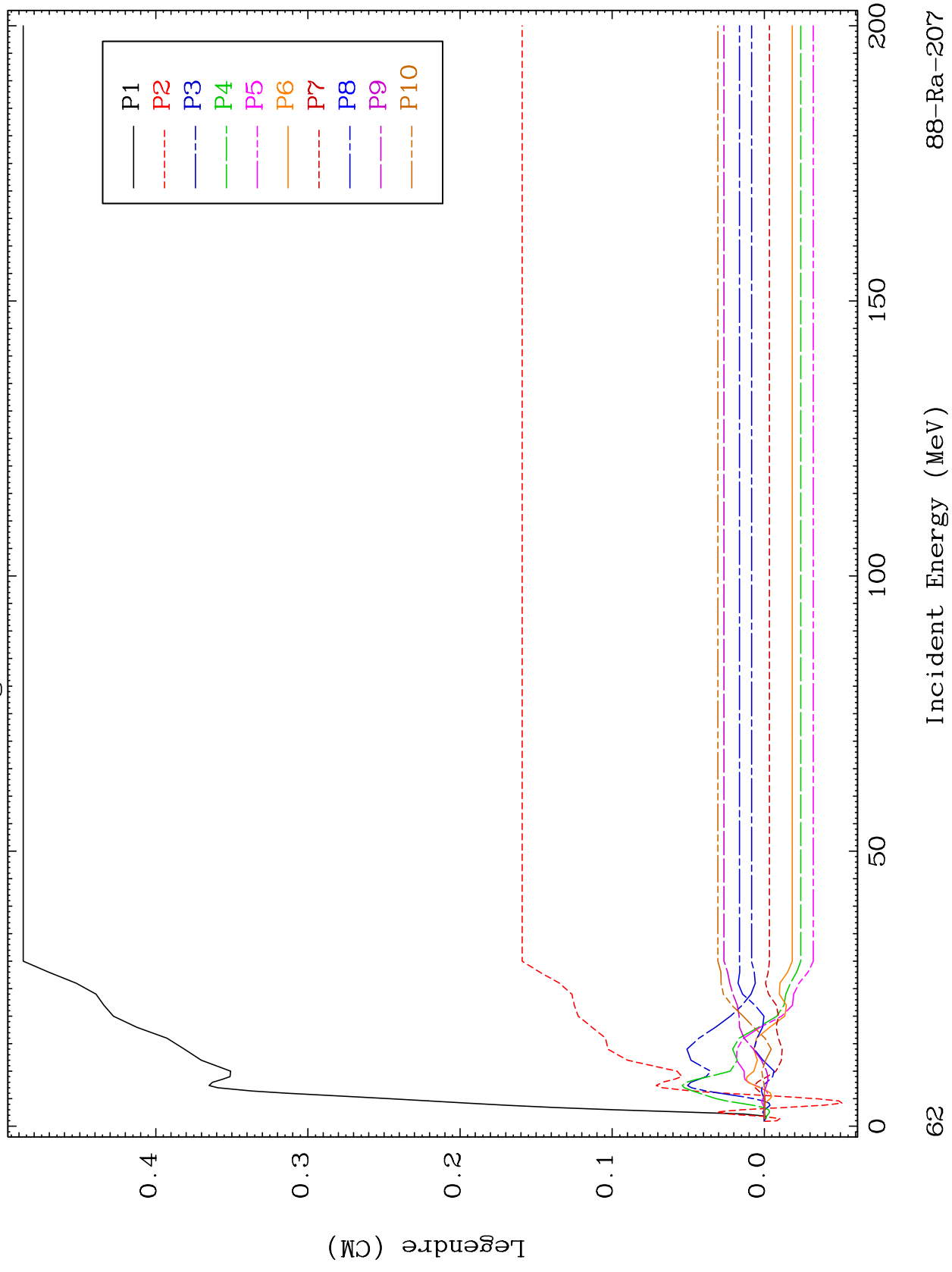




MAT 8777

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

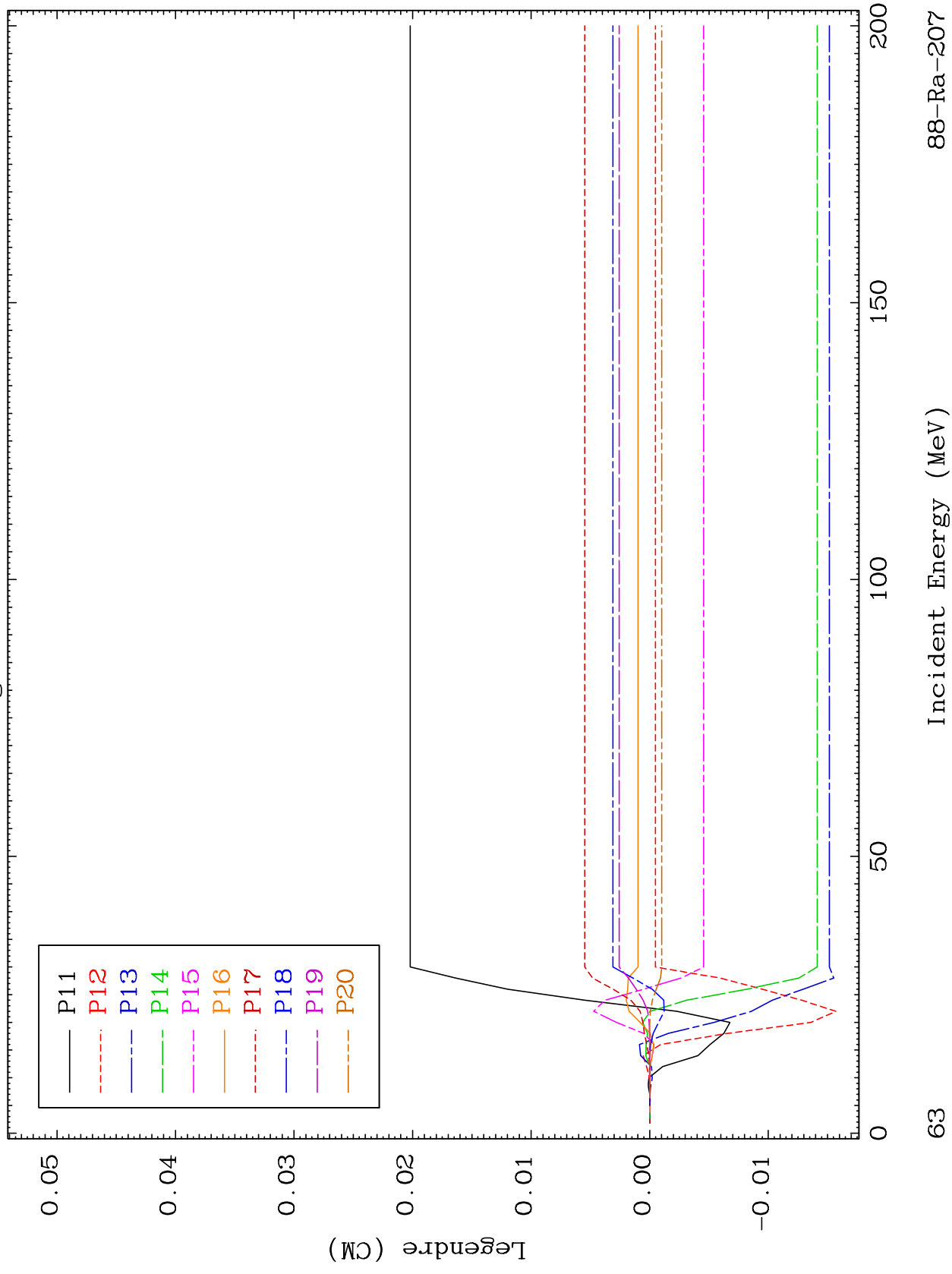
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MAT 8777

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

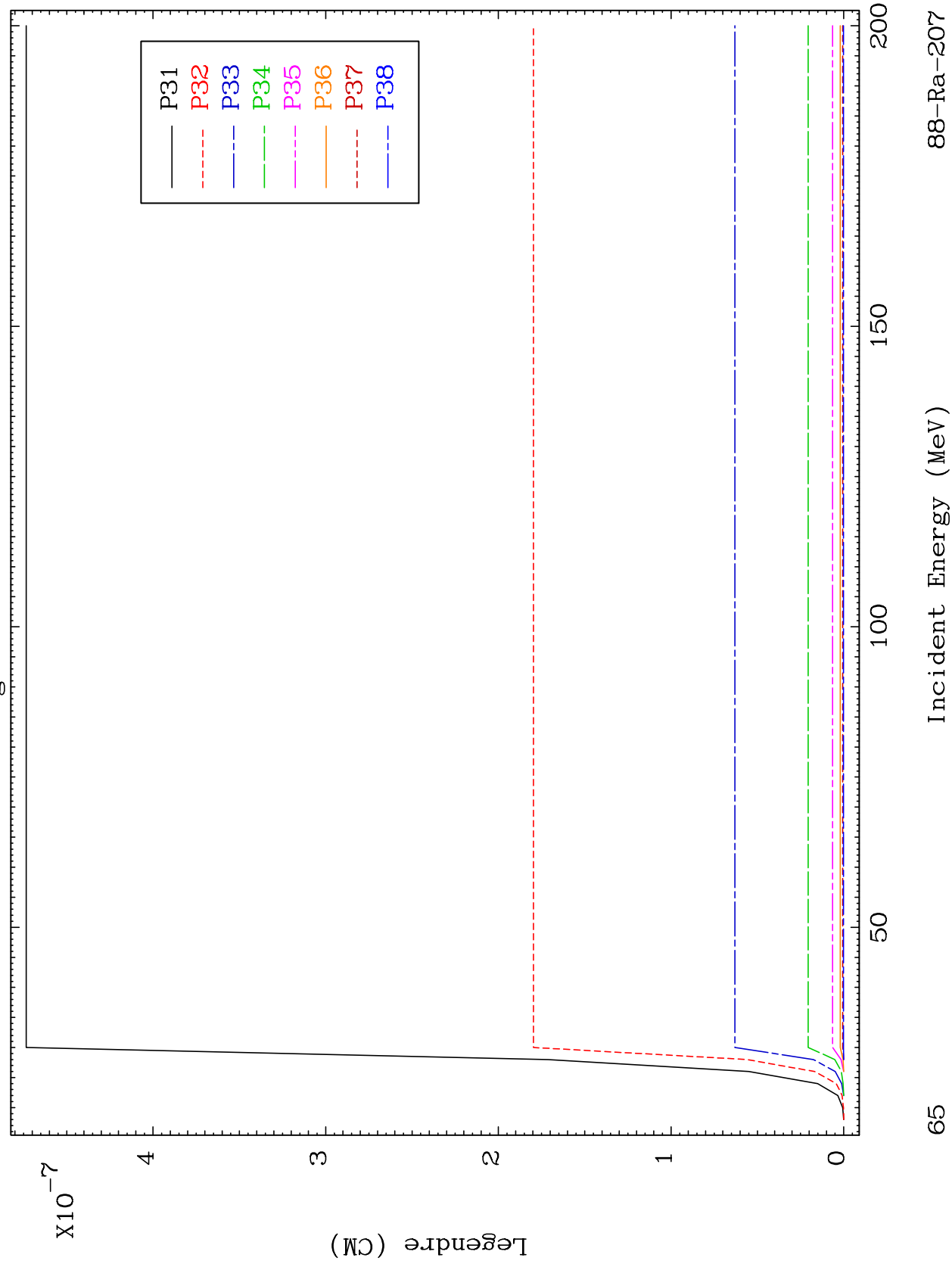
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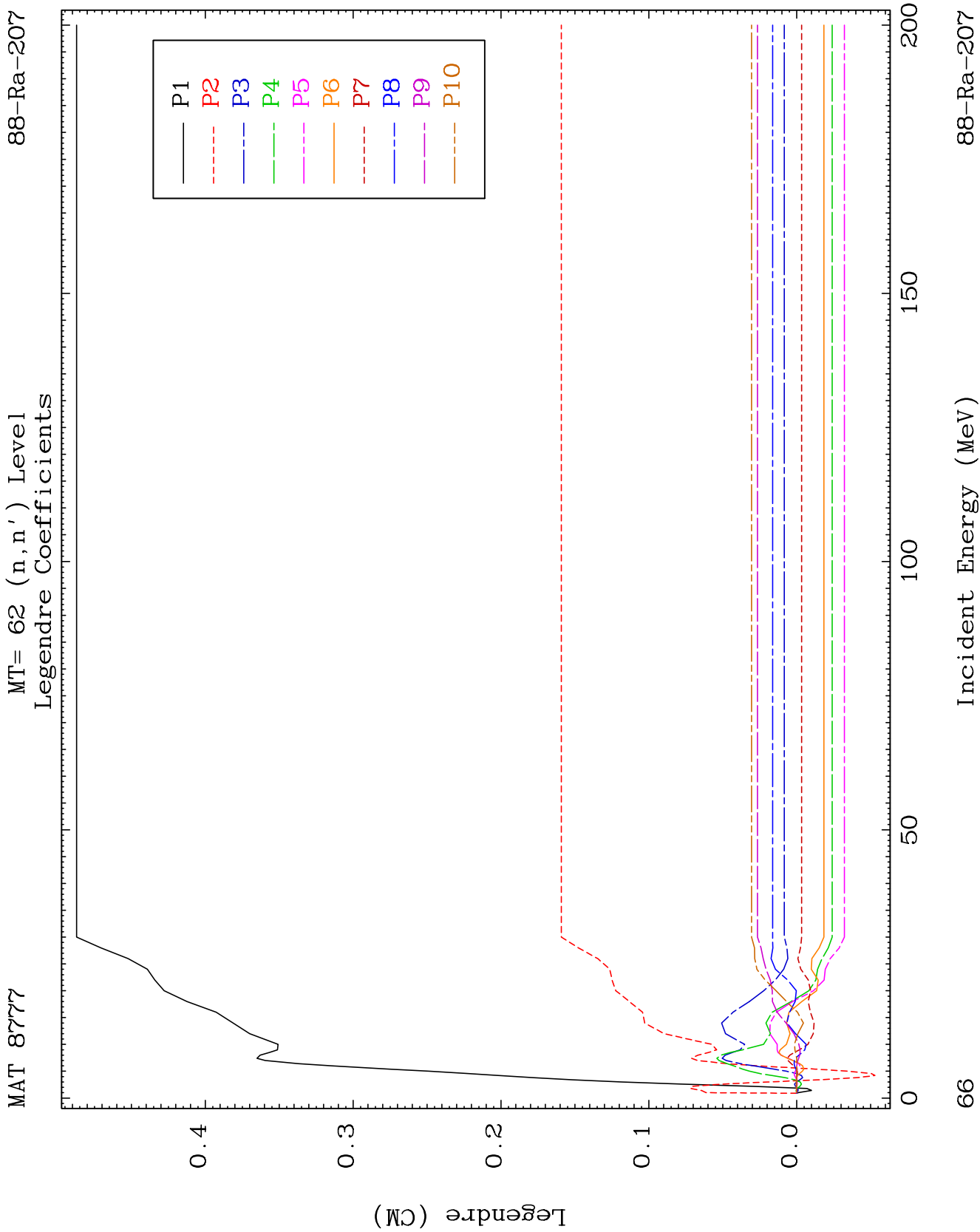


MAT 8777

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

88-Ra-207

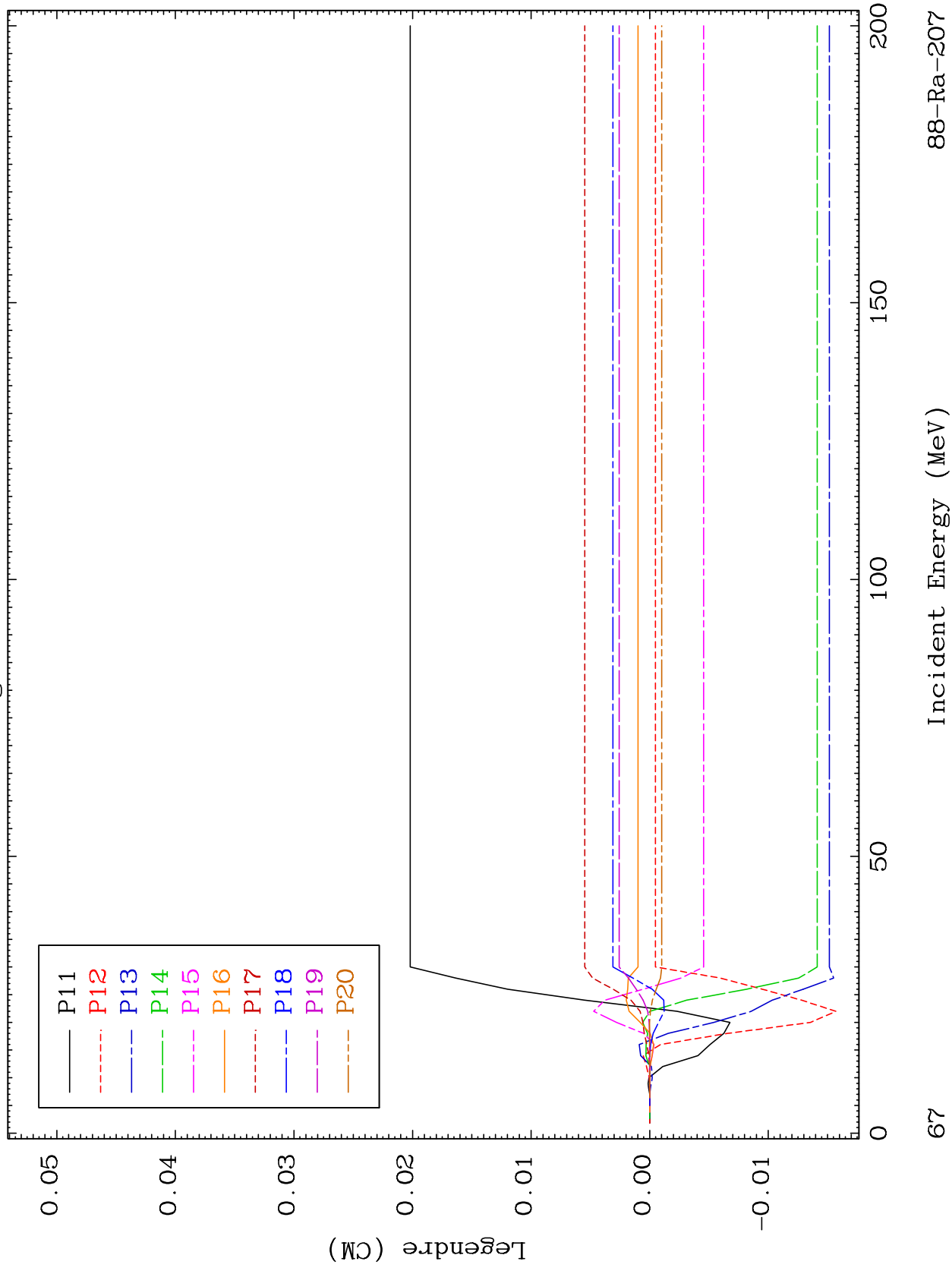


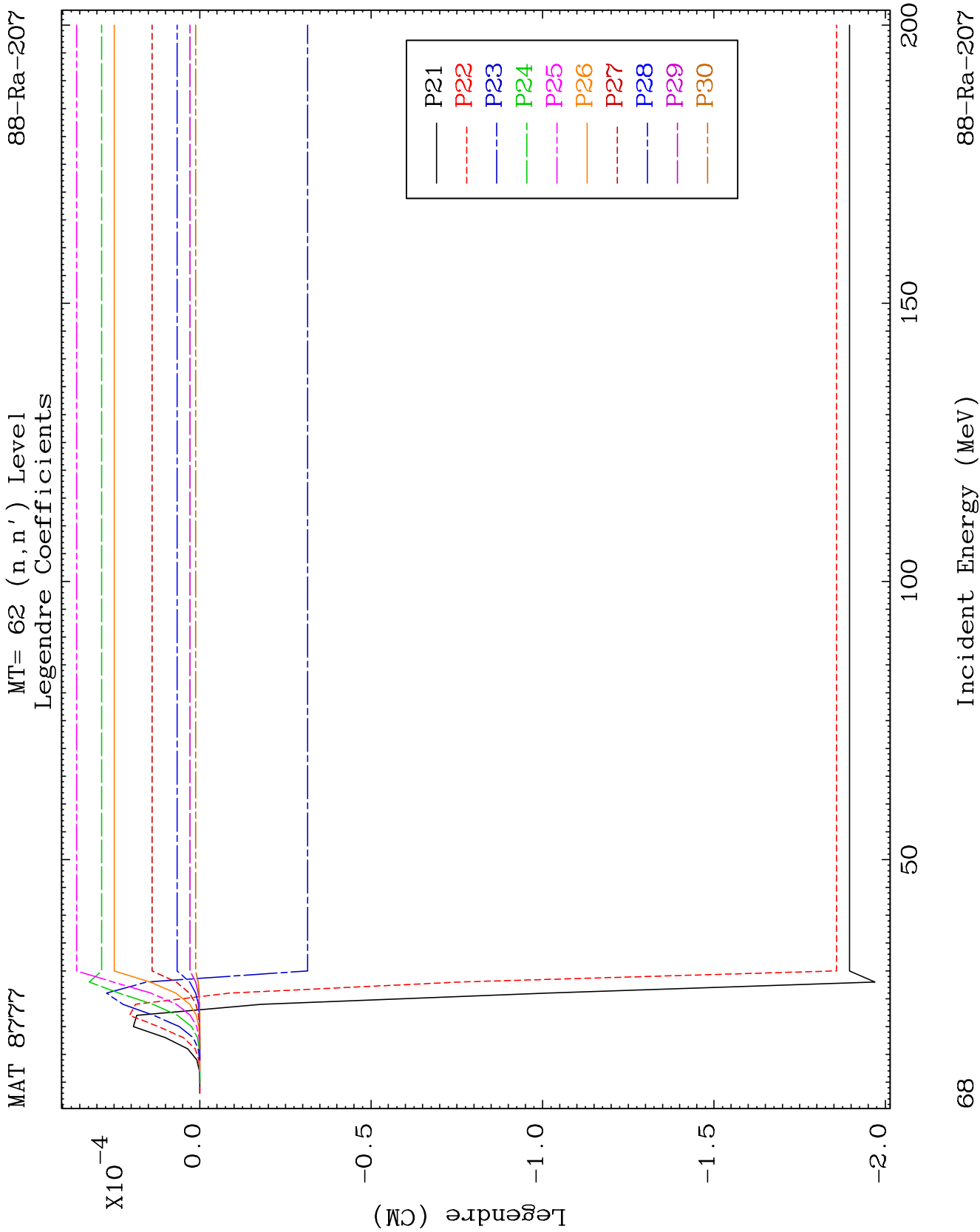


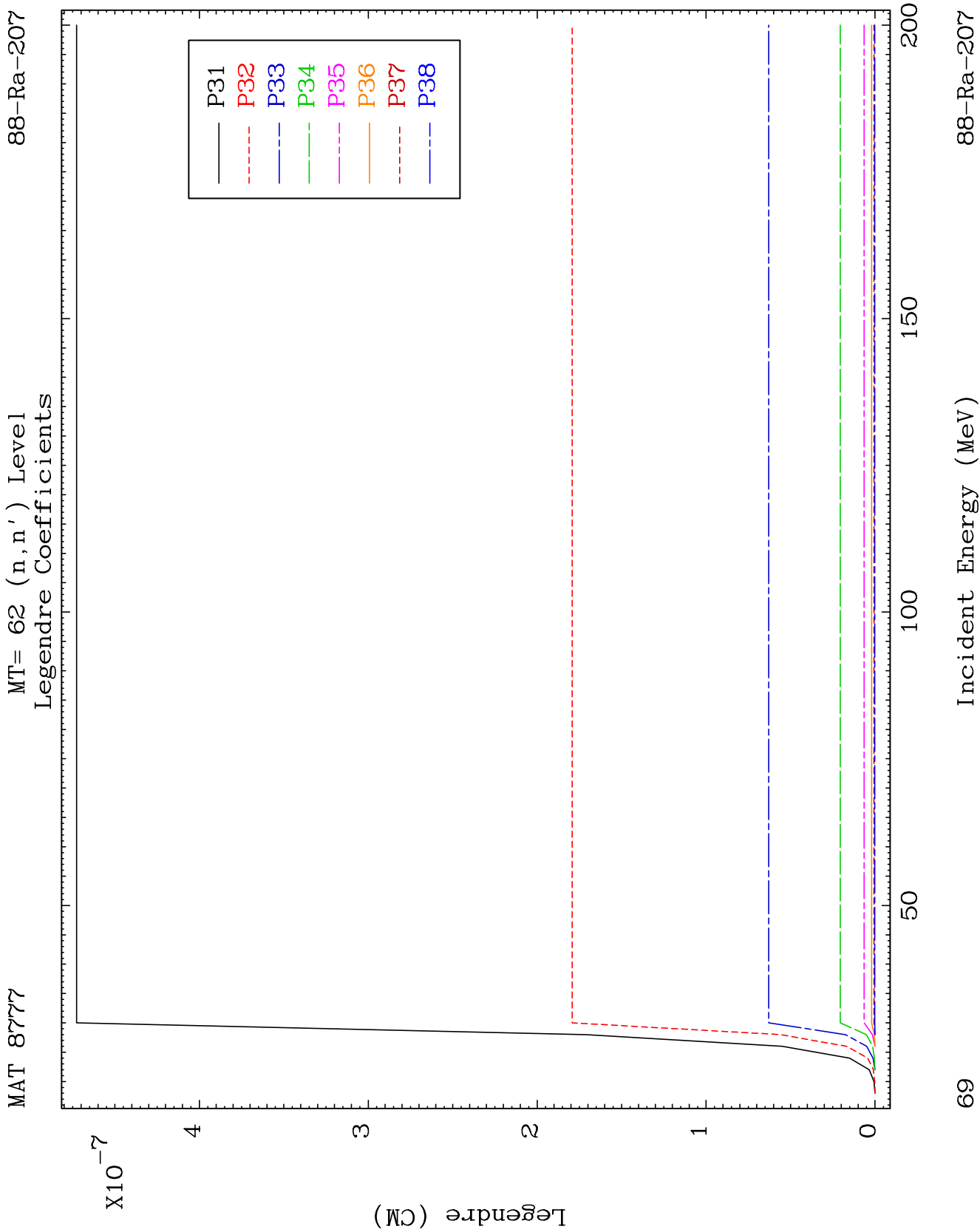
MAT 8777

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

88-Ra-207



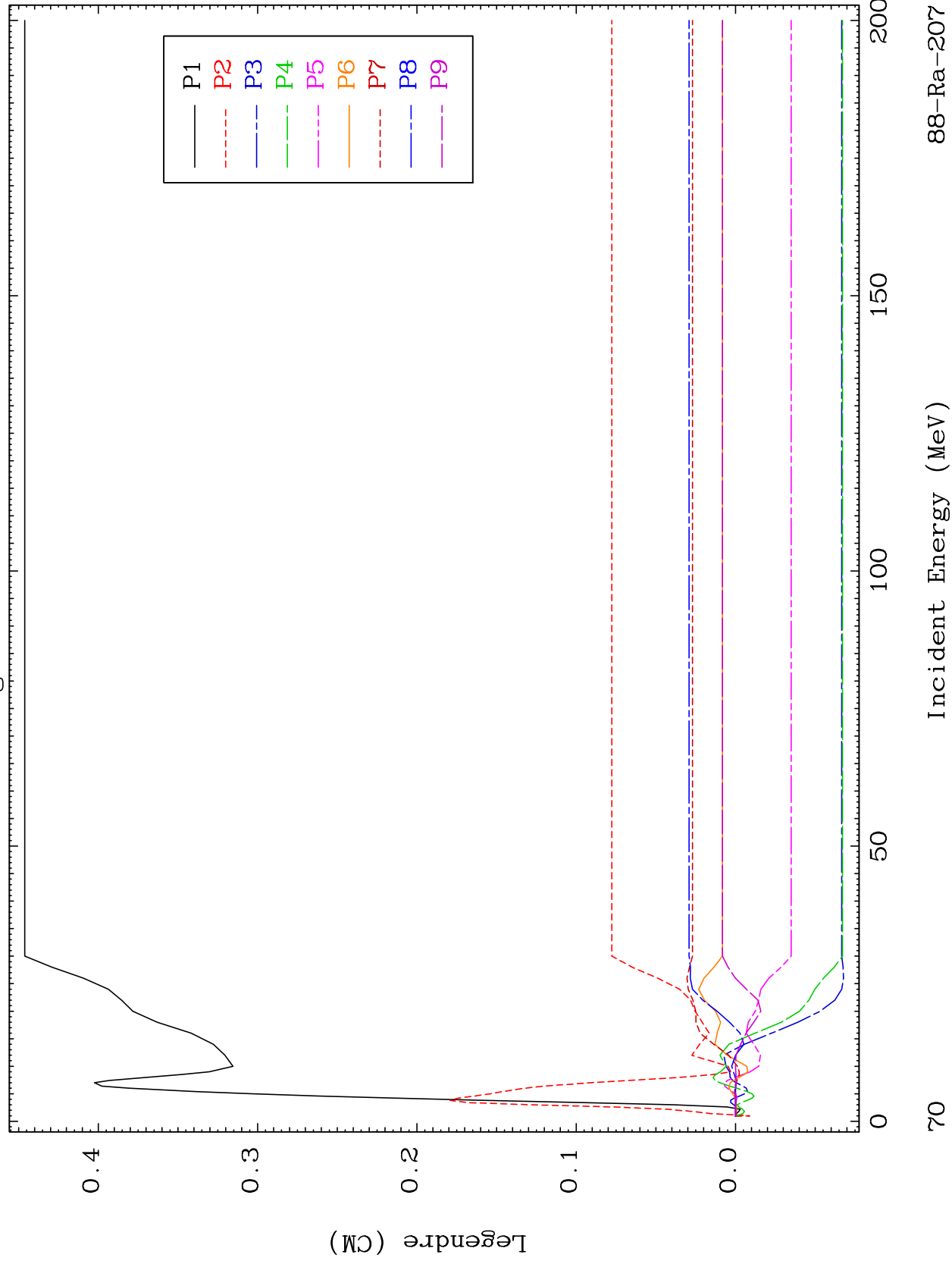


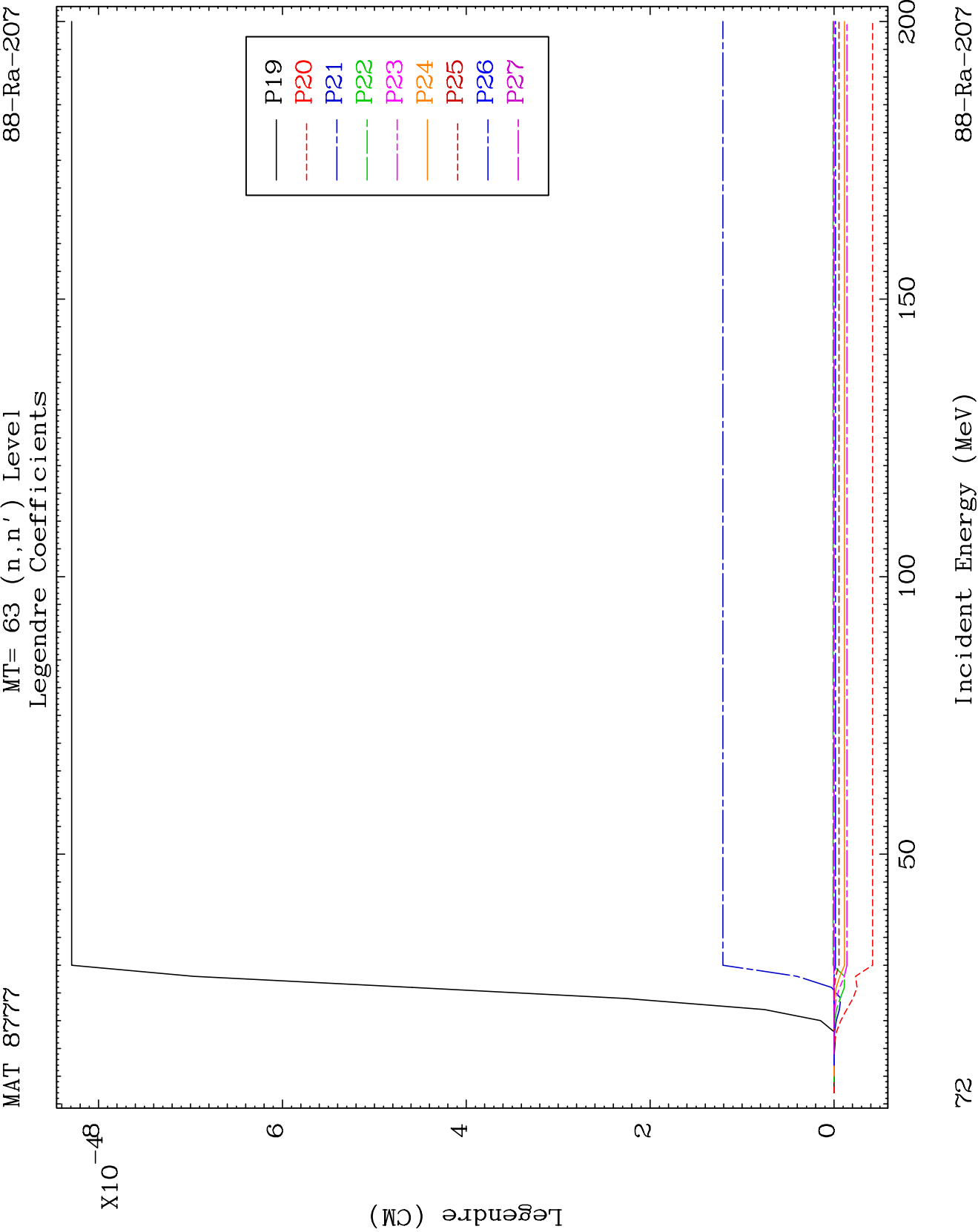


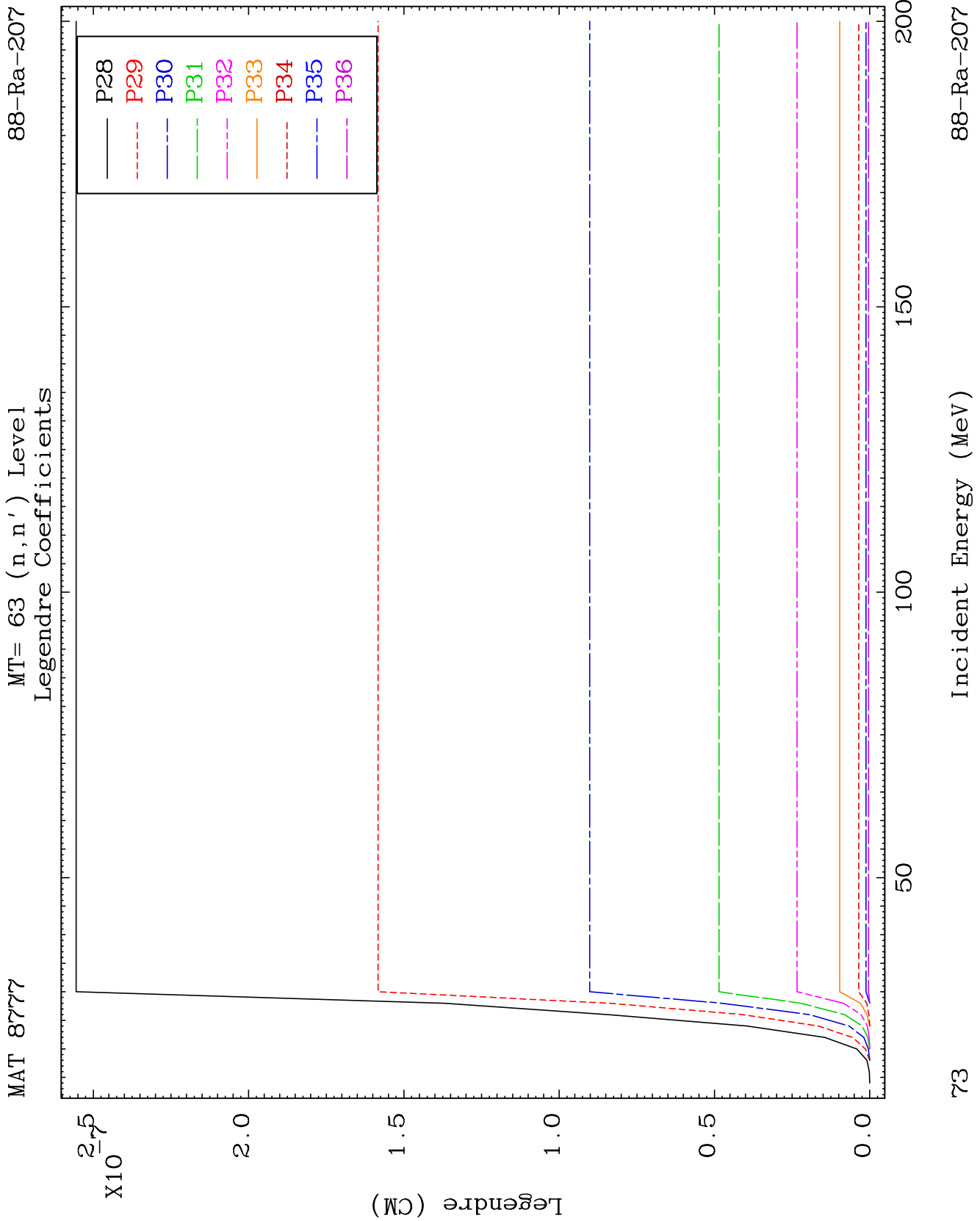
MAT 8777

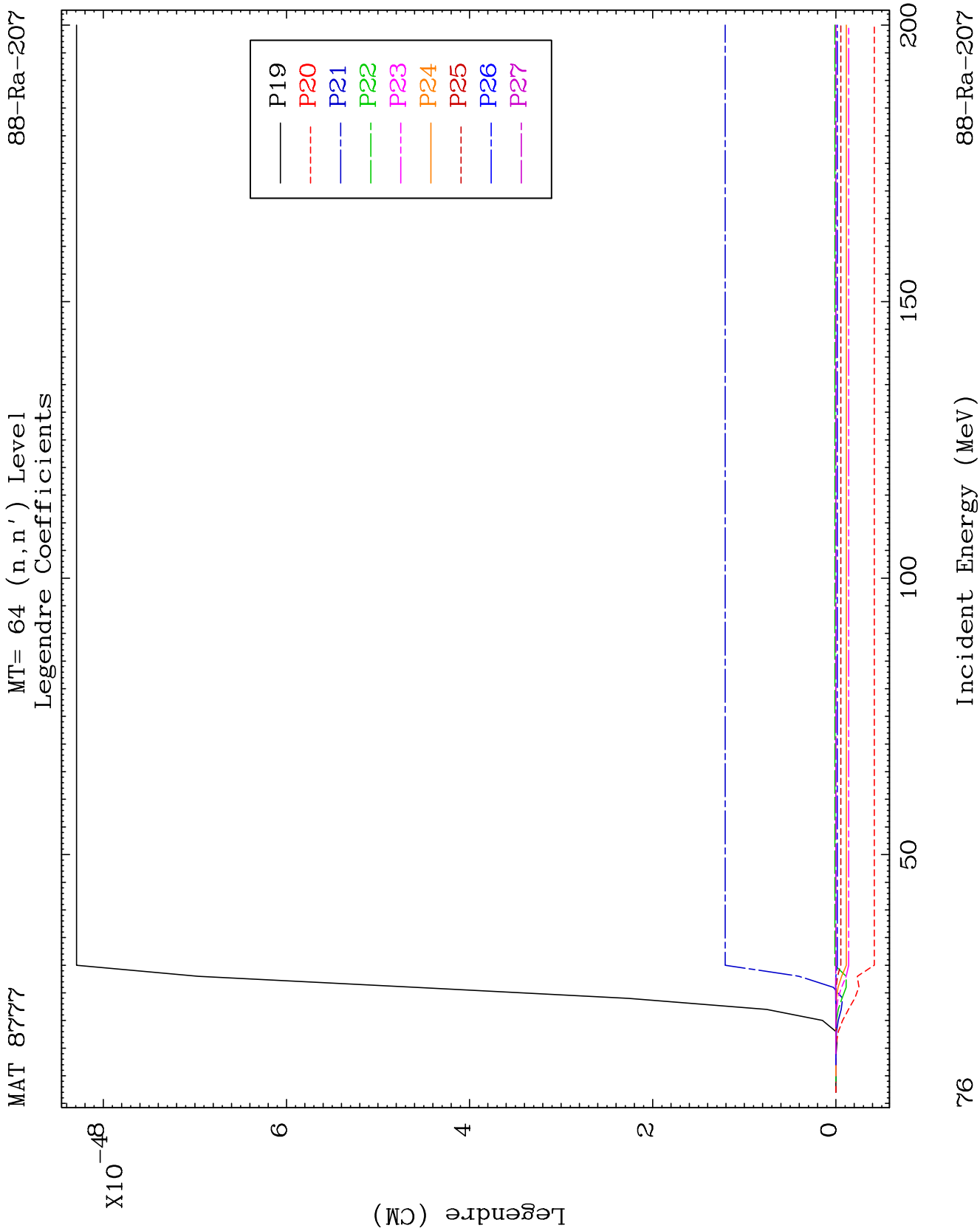
MT= 63 (n, n') Level
Legendre Coefficients

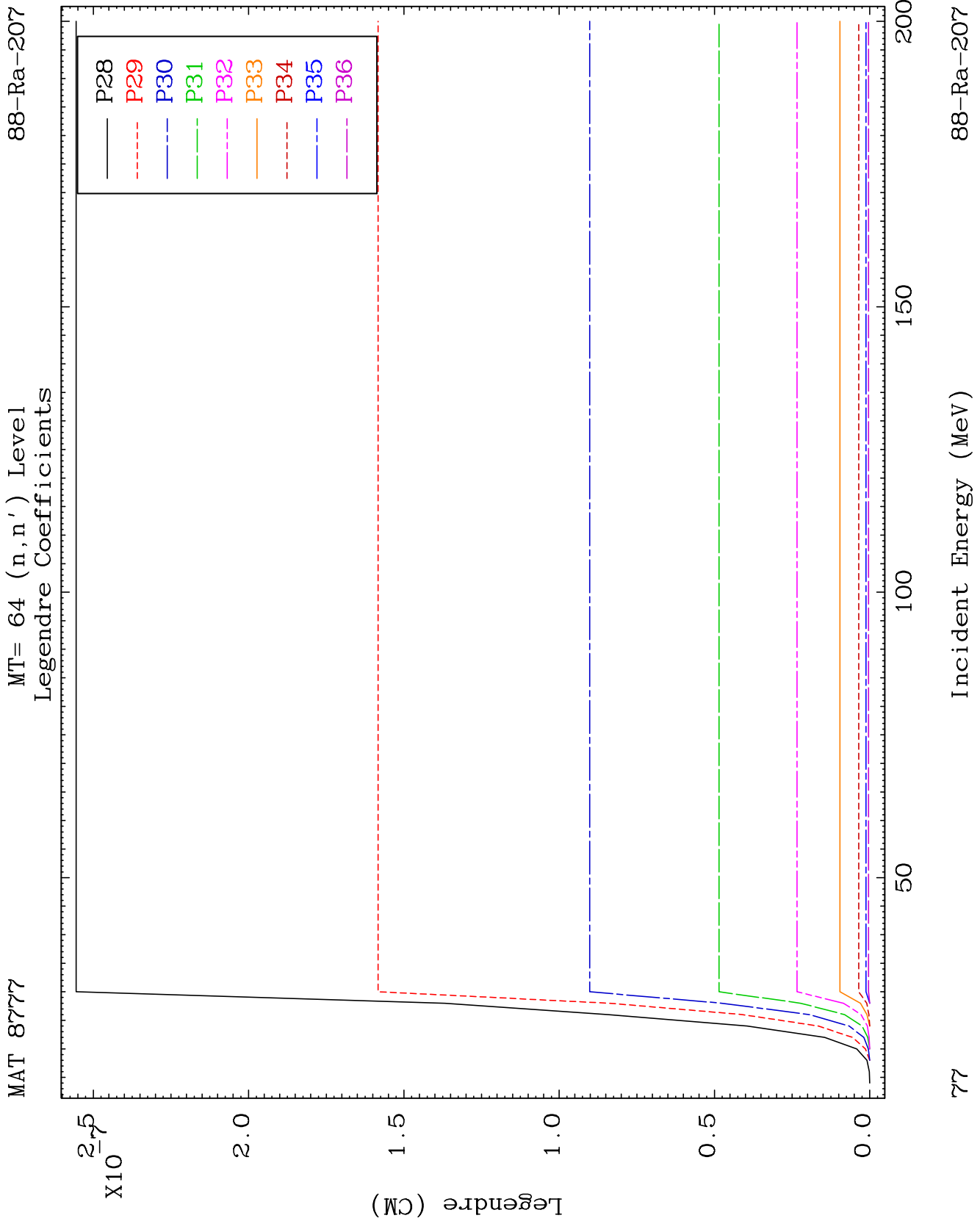
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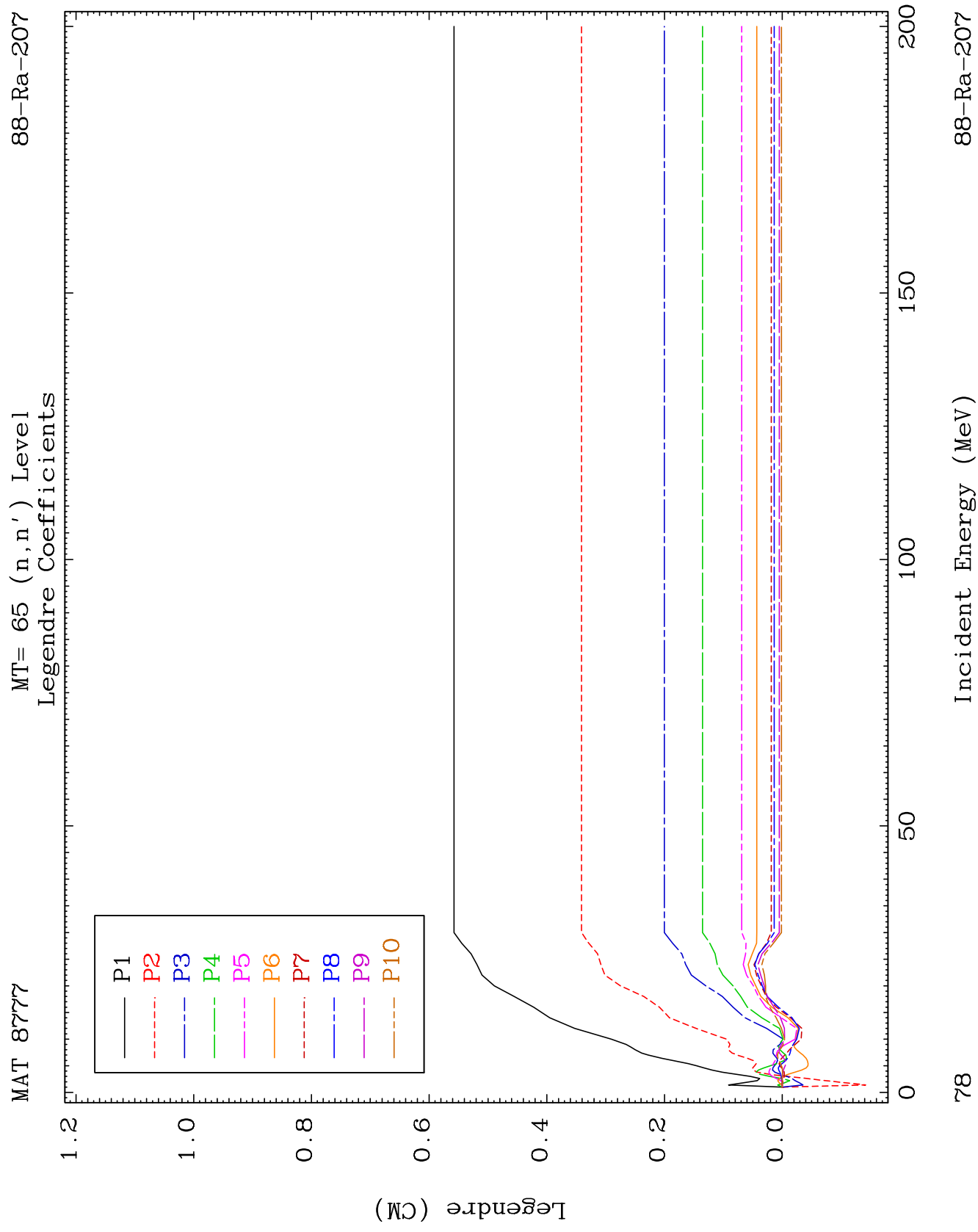








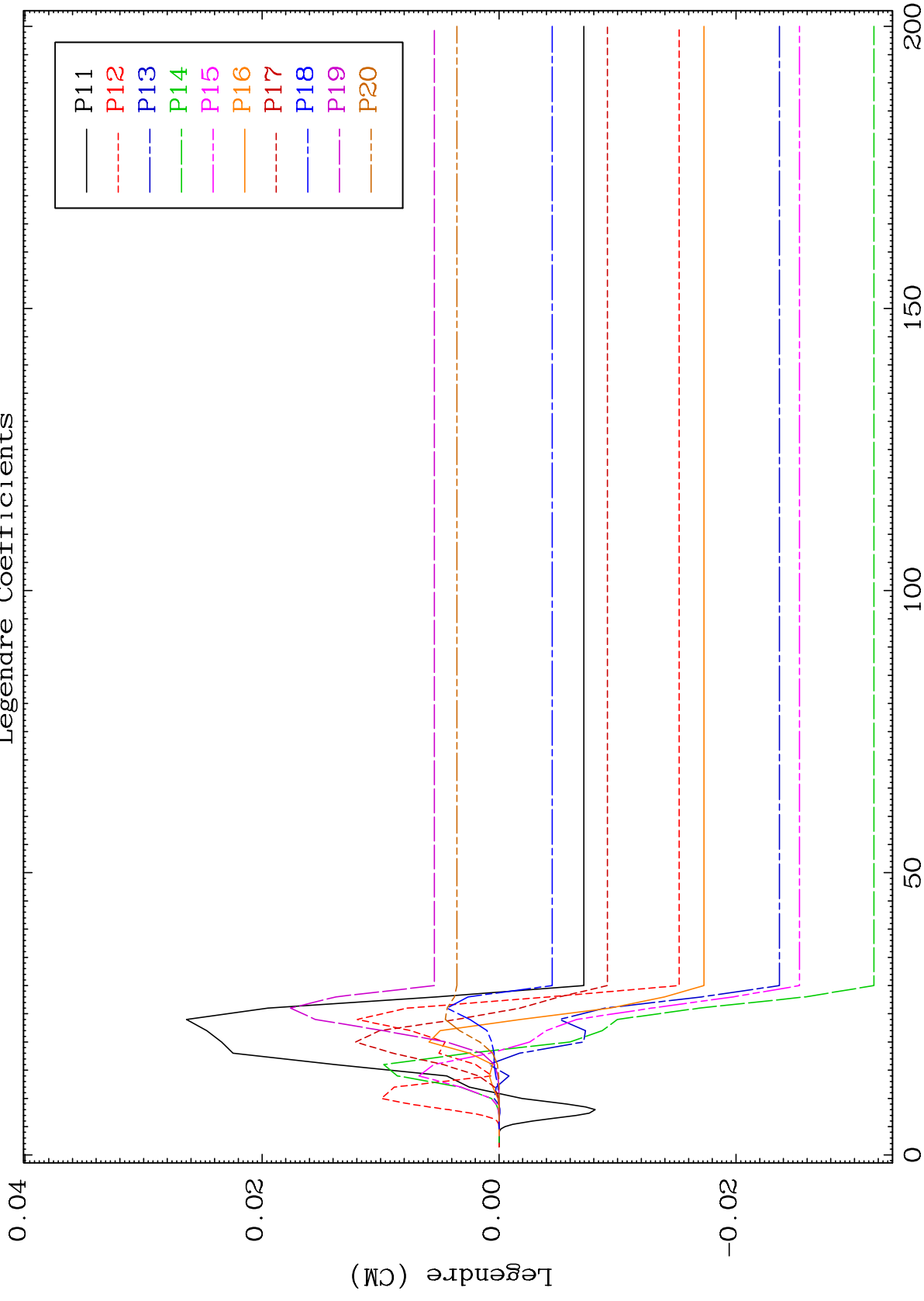




MAT 8777

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

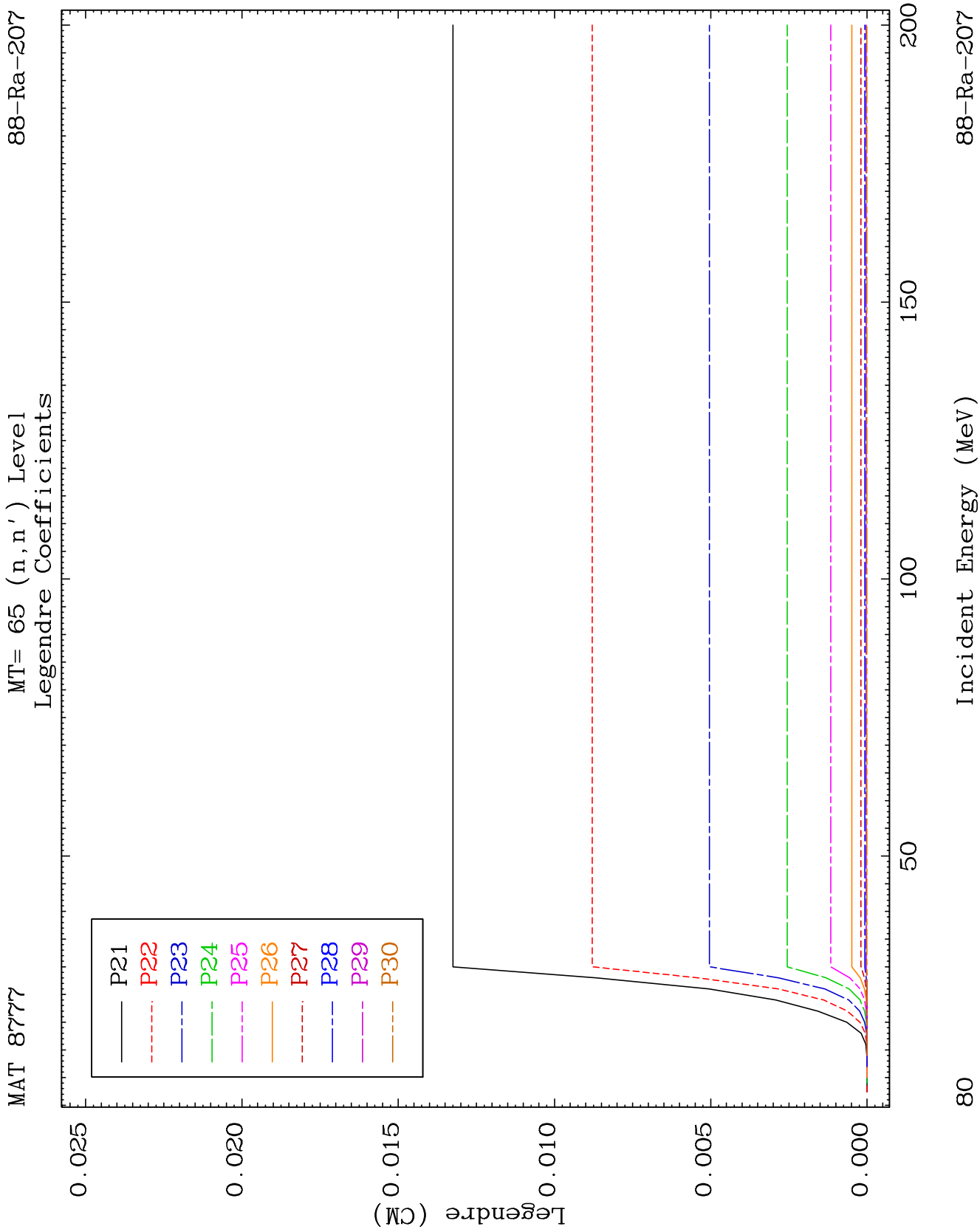
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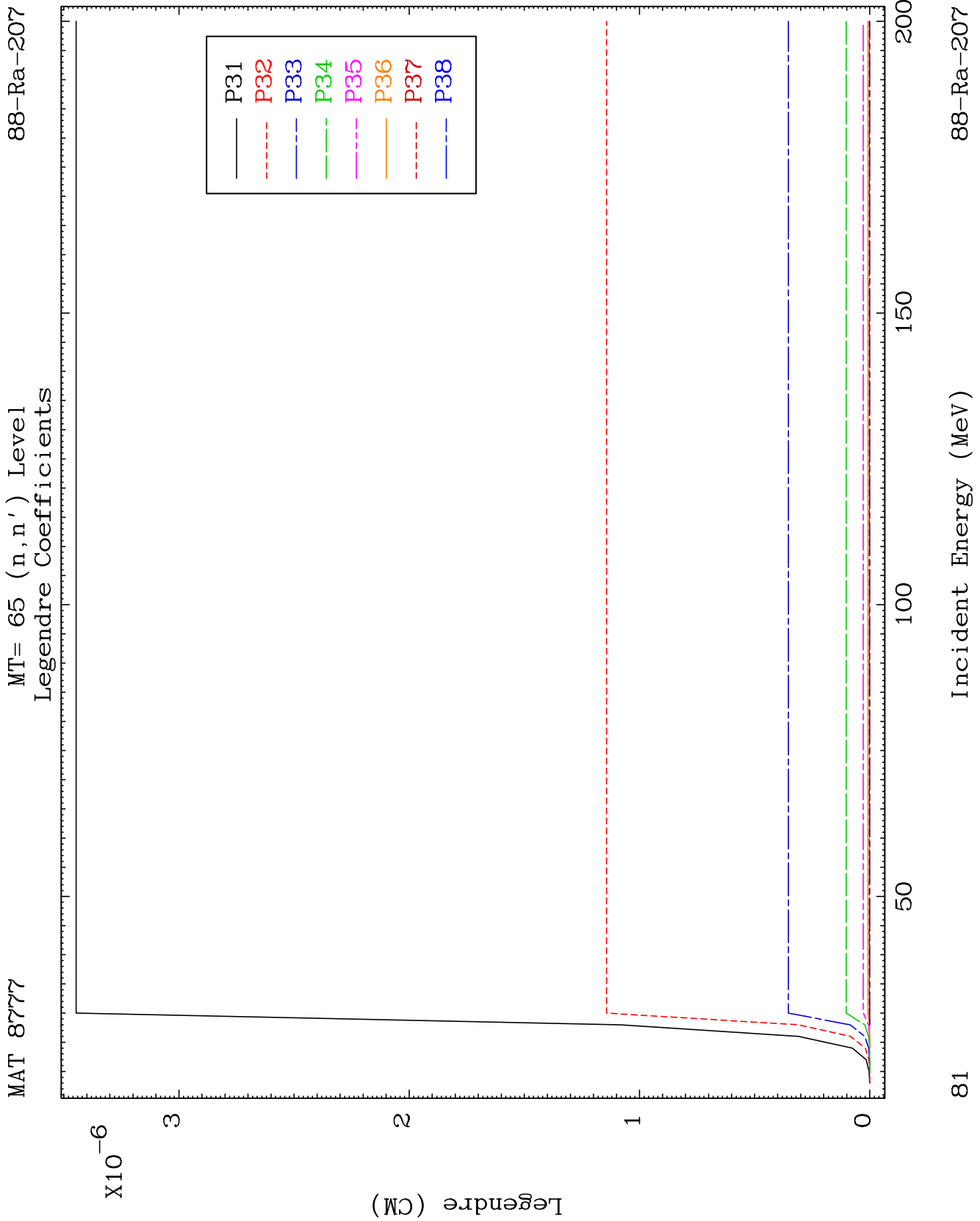


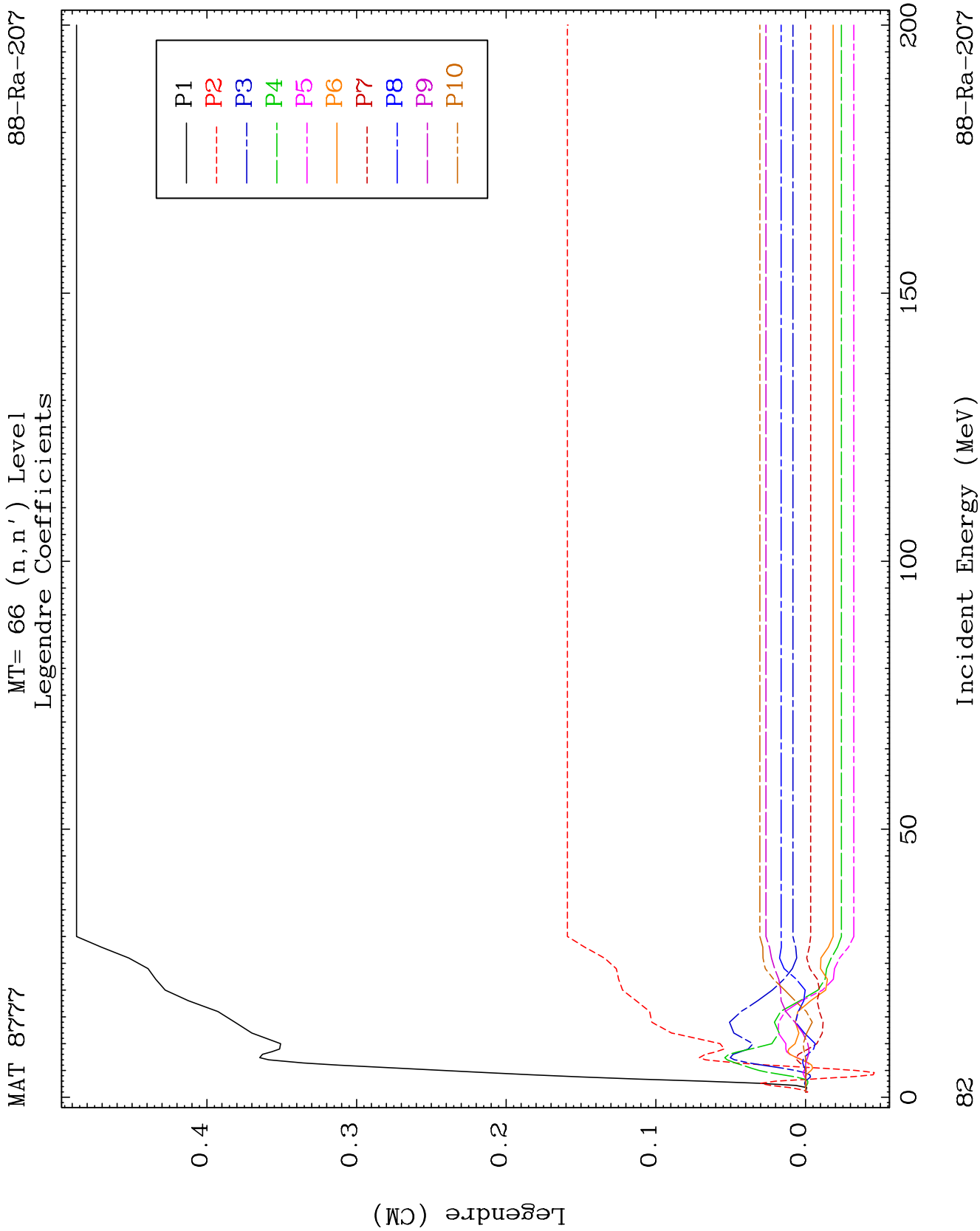
62

Incident Energy (MeV)

88-Ra-207



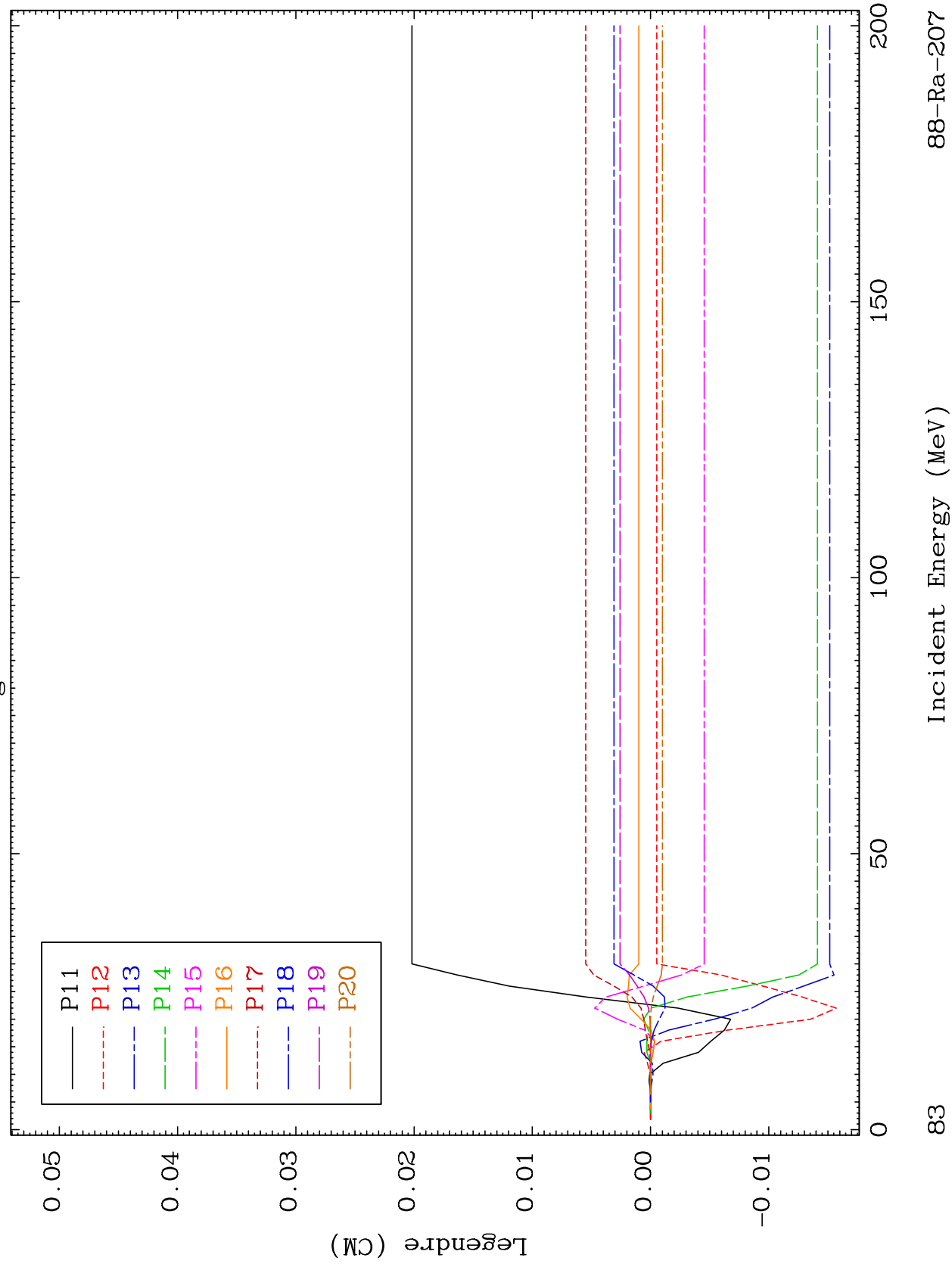


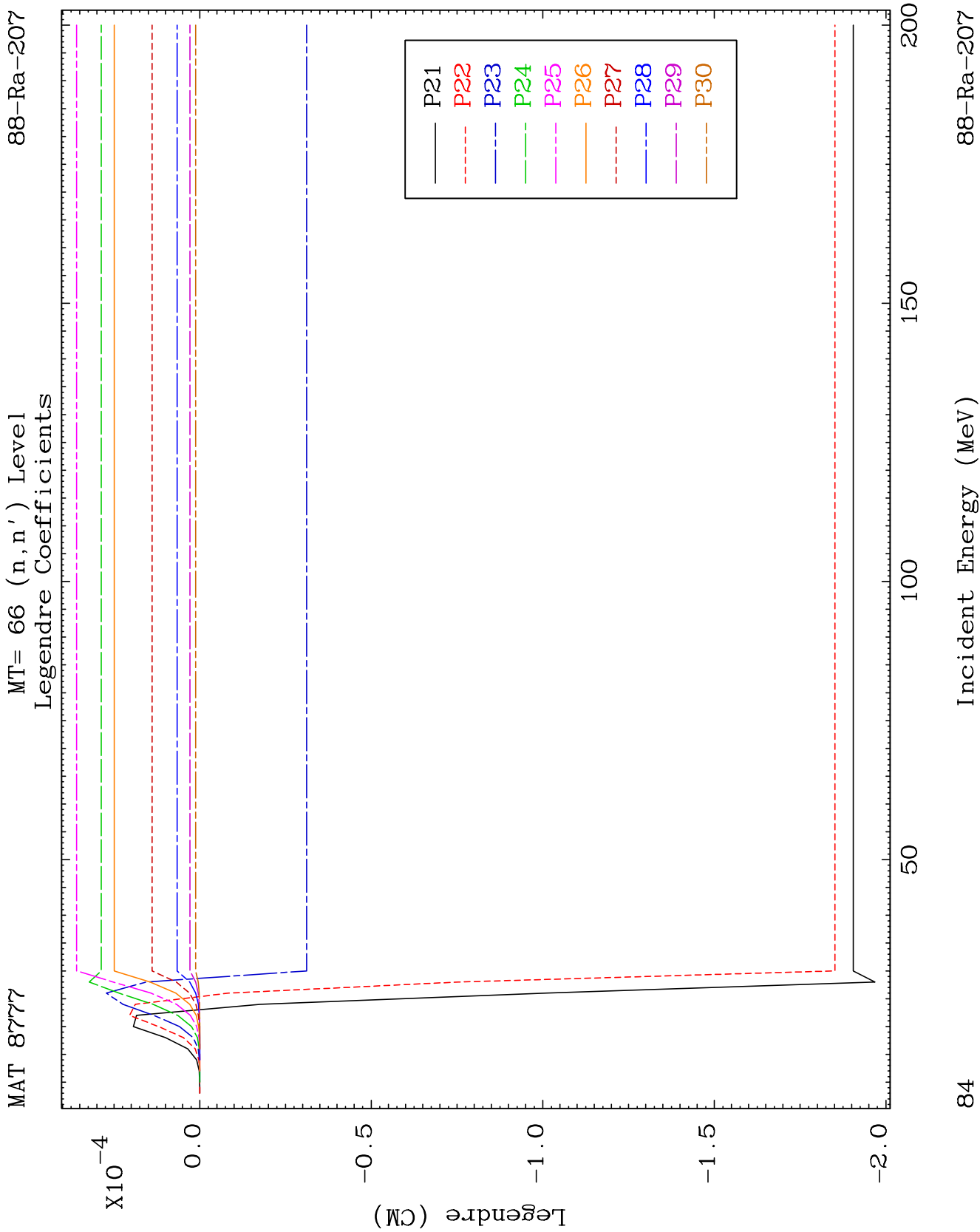


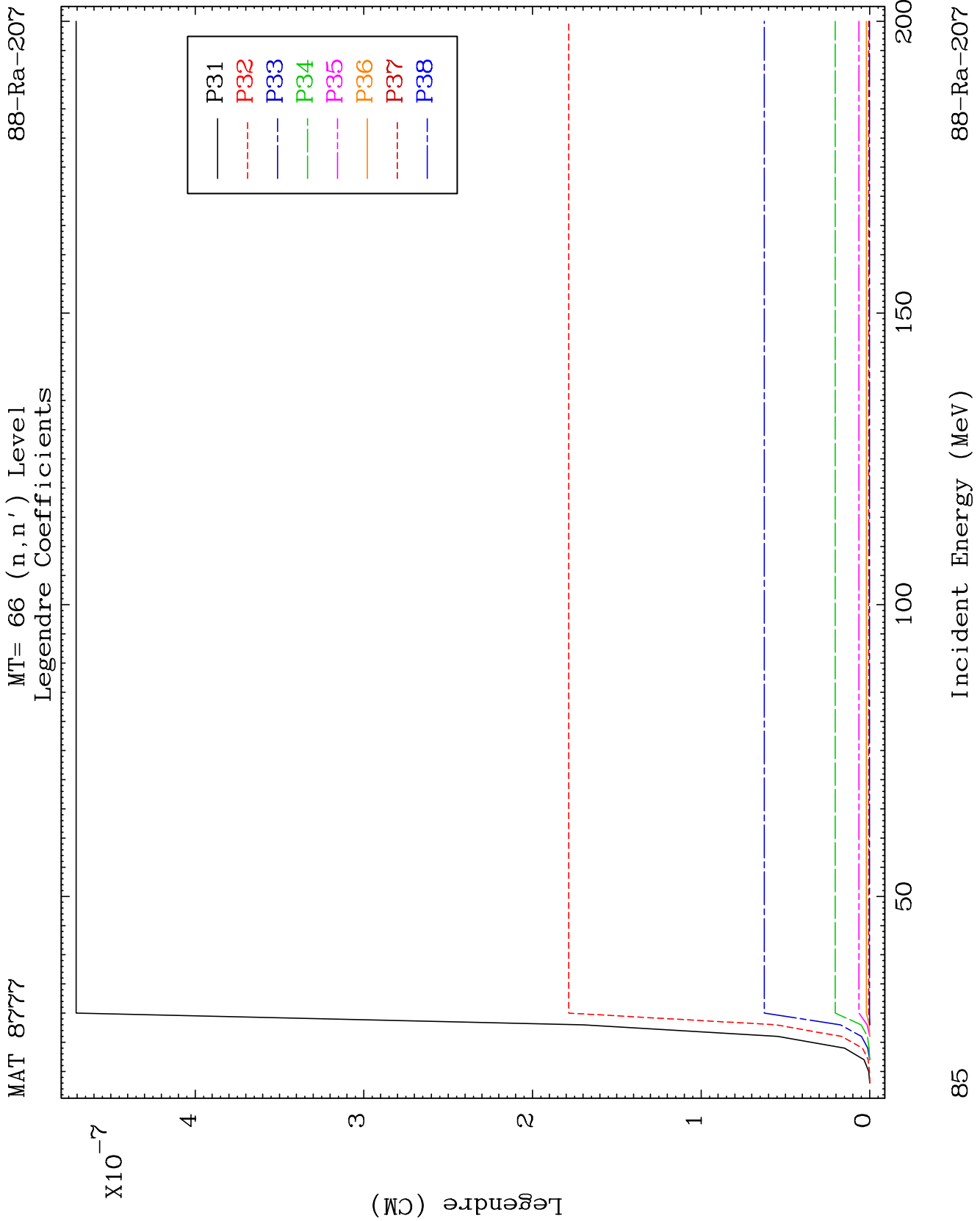
MAT 8777

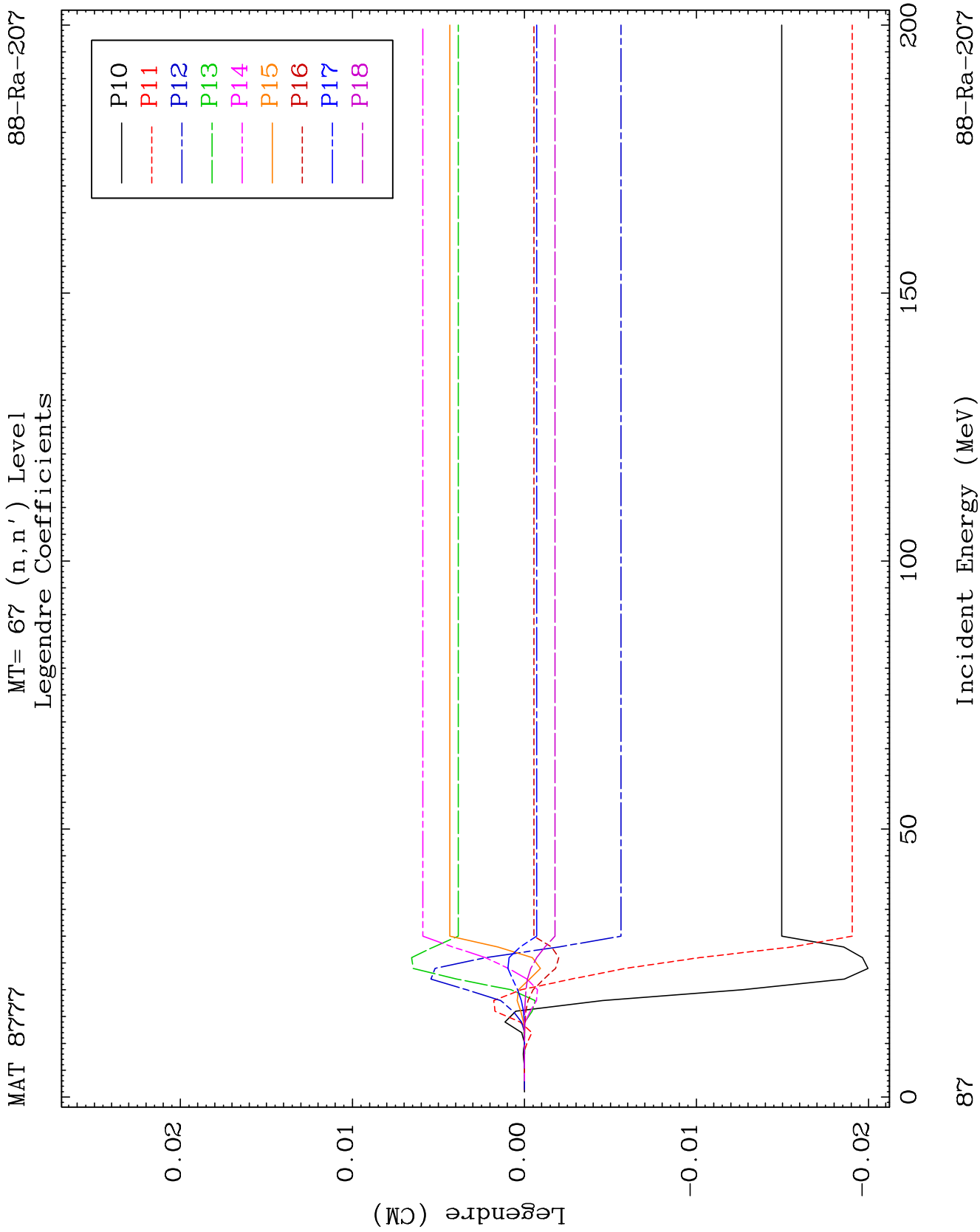
MT= 66 (n, n') Level
Legendre Coefficients

88-Ra-207





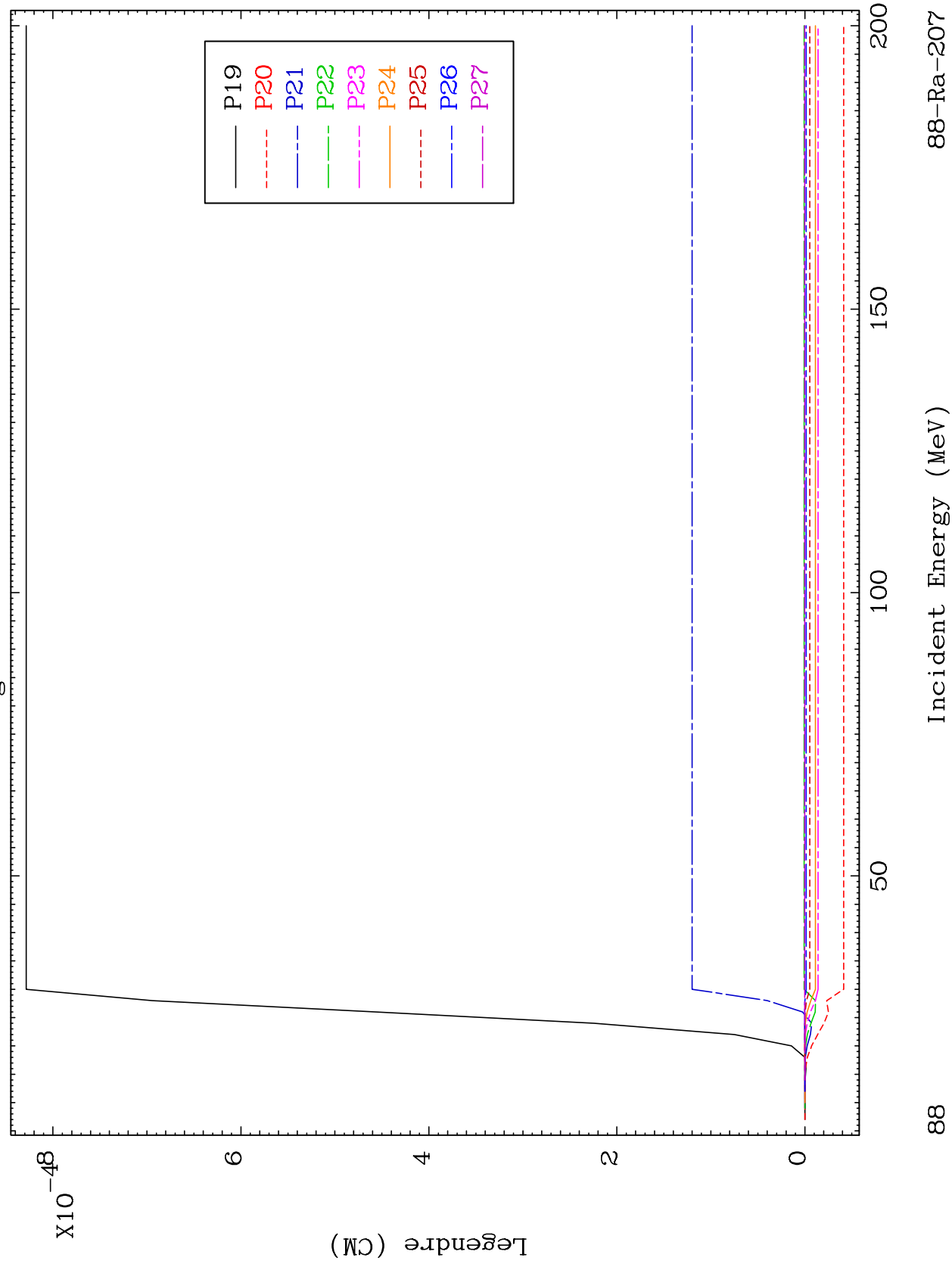


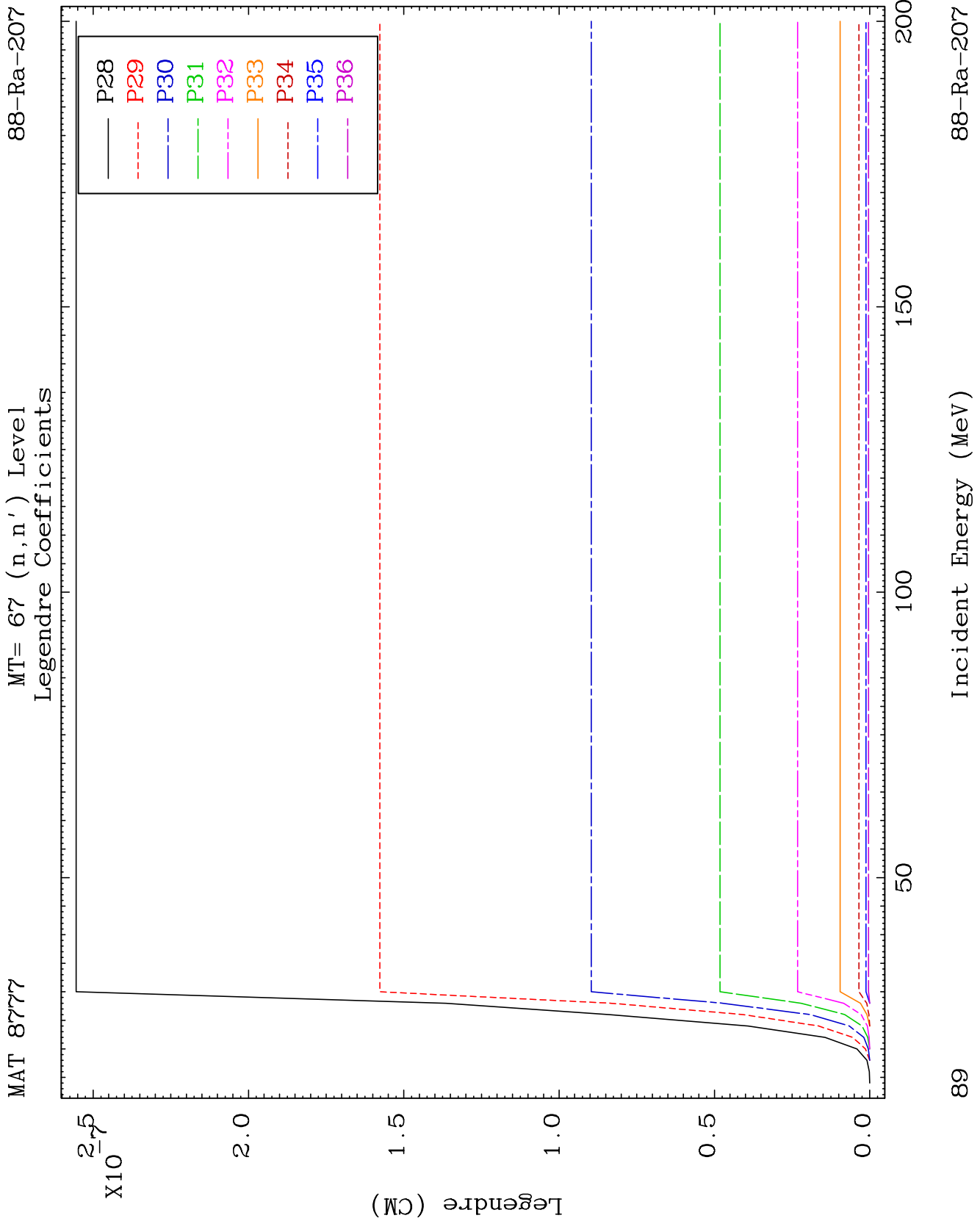


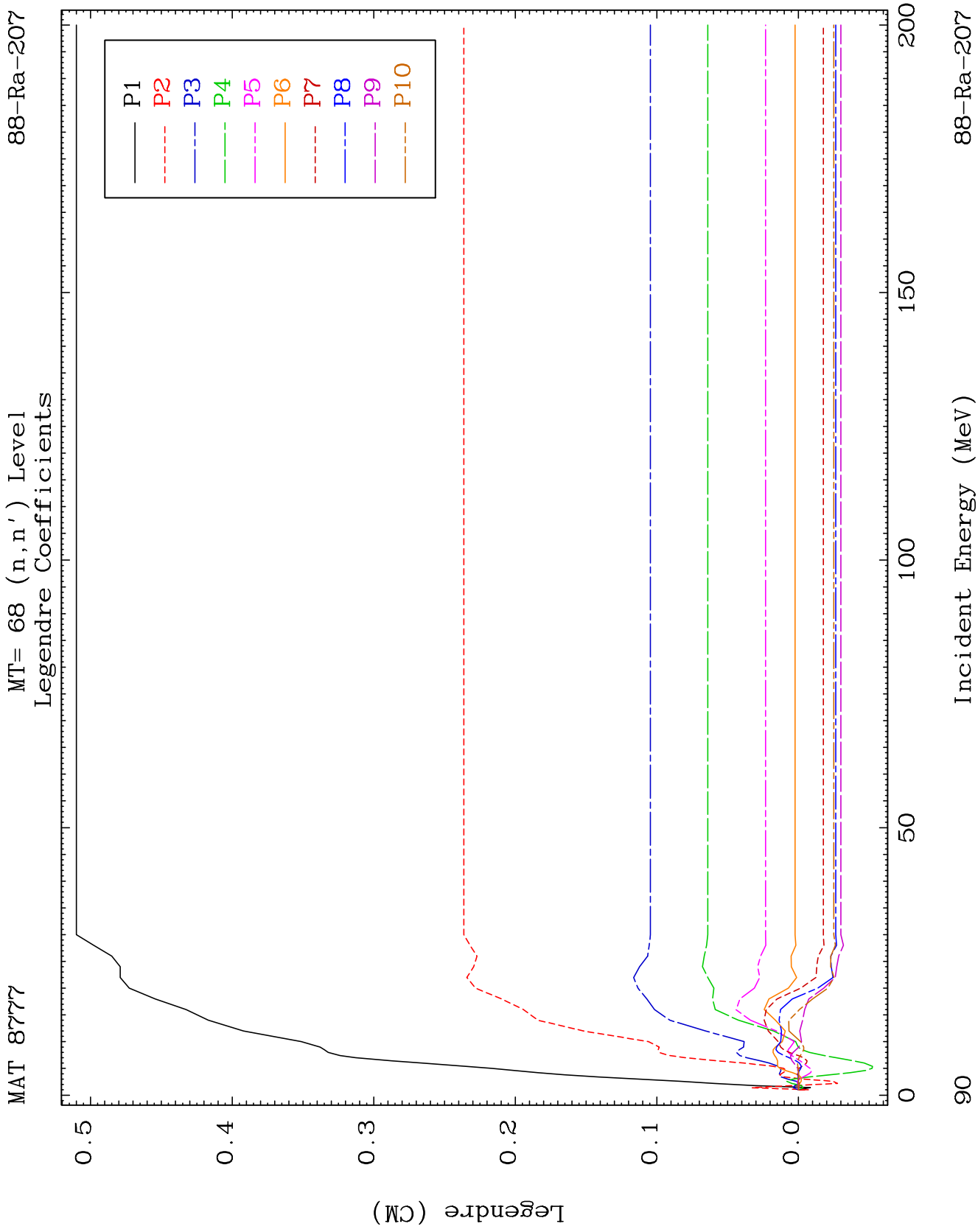
MAT 8777

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

88-Ra-207



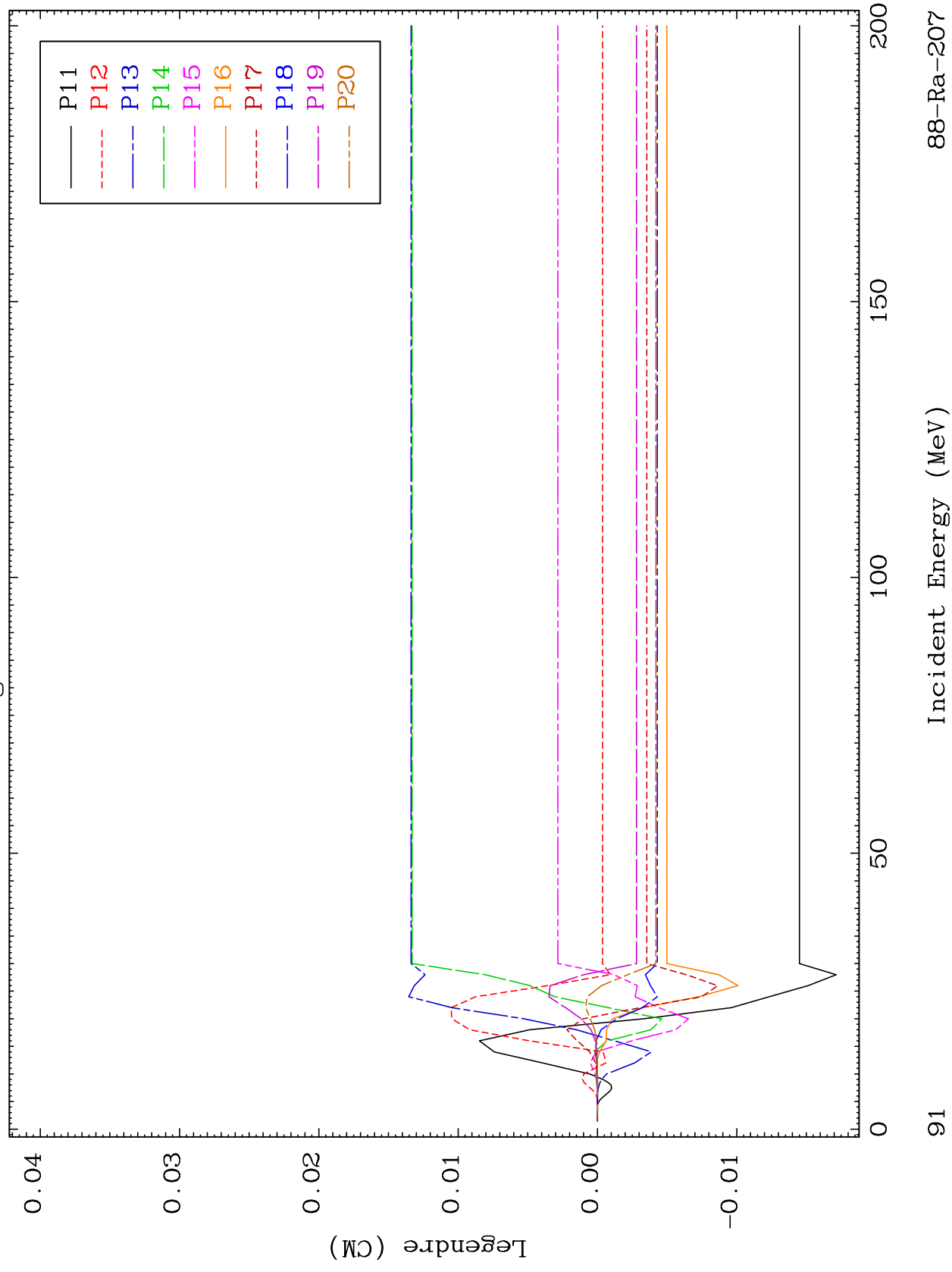


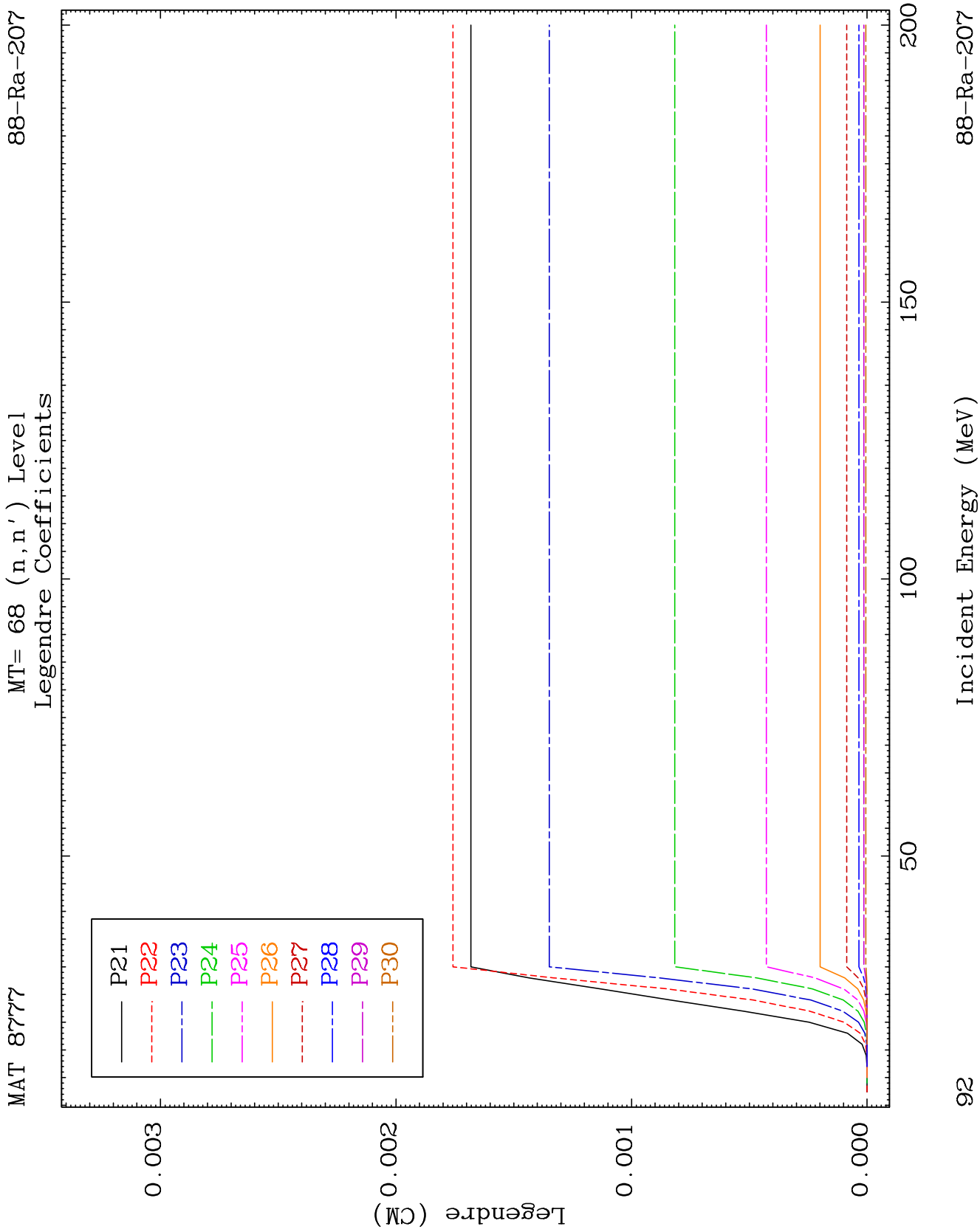


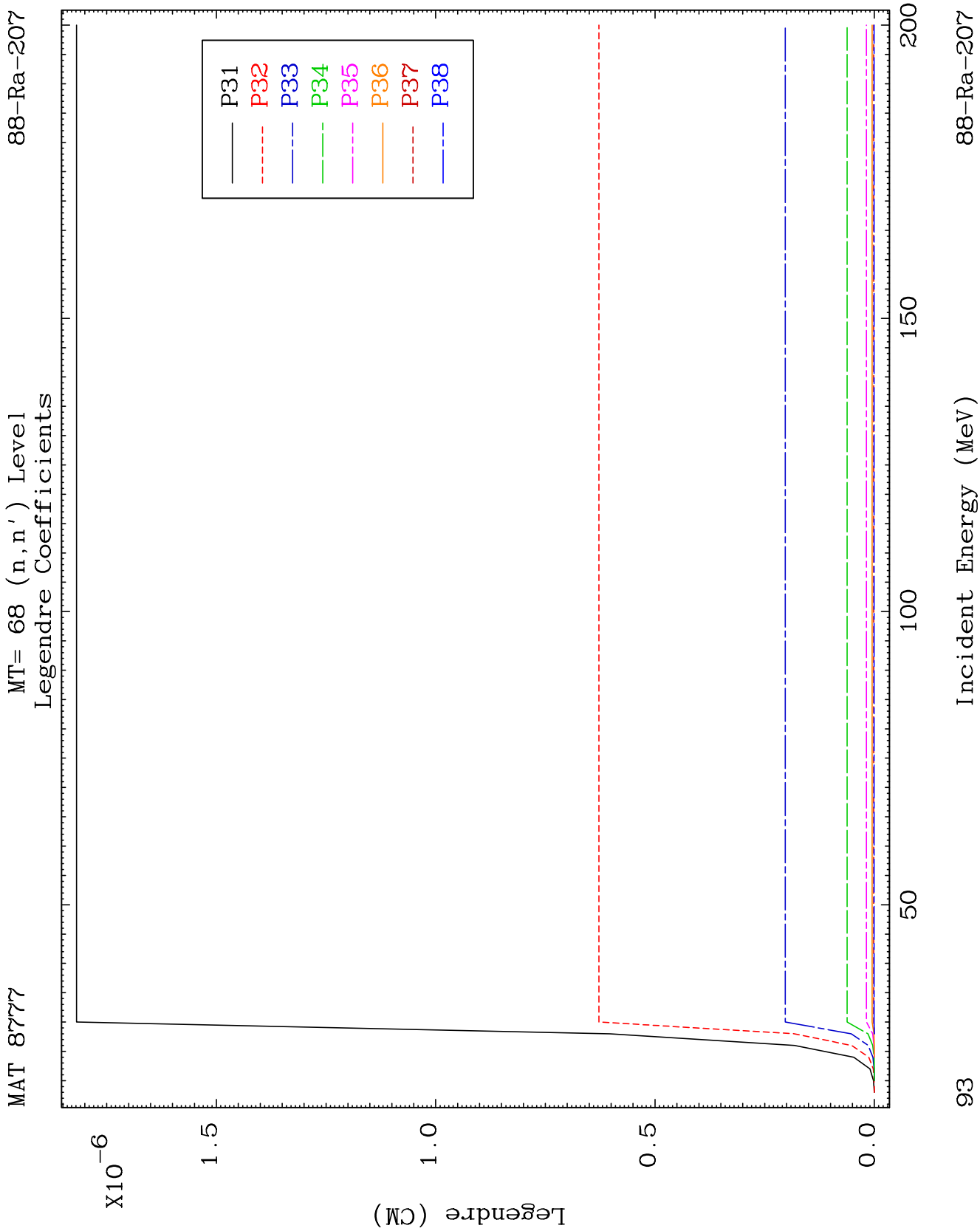
MAT 8777

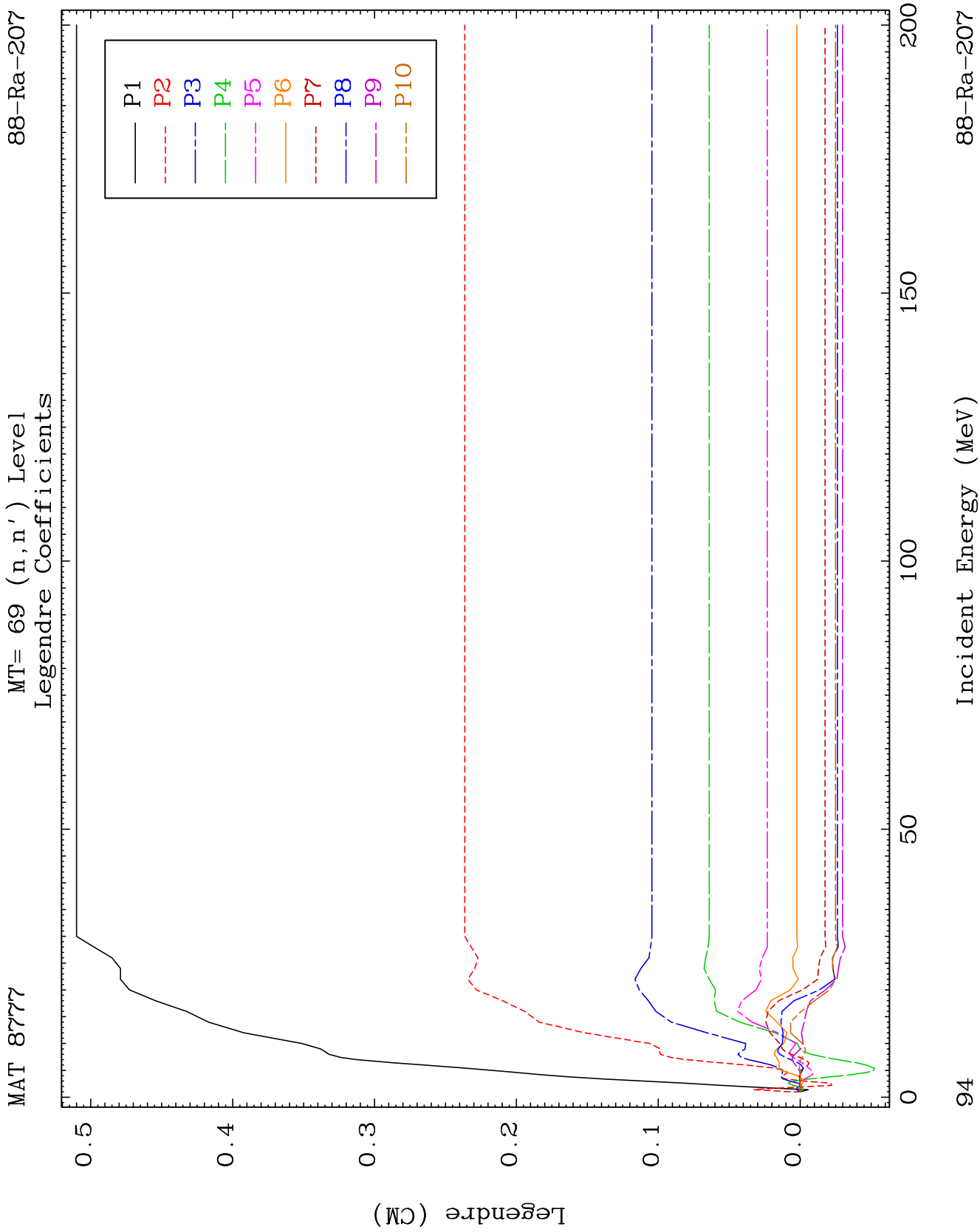
MT= 68 (n, n') Level
Legendre Coefficients

88-Ra-207





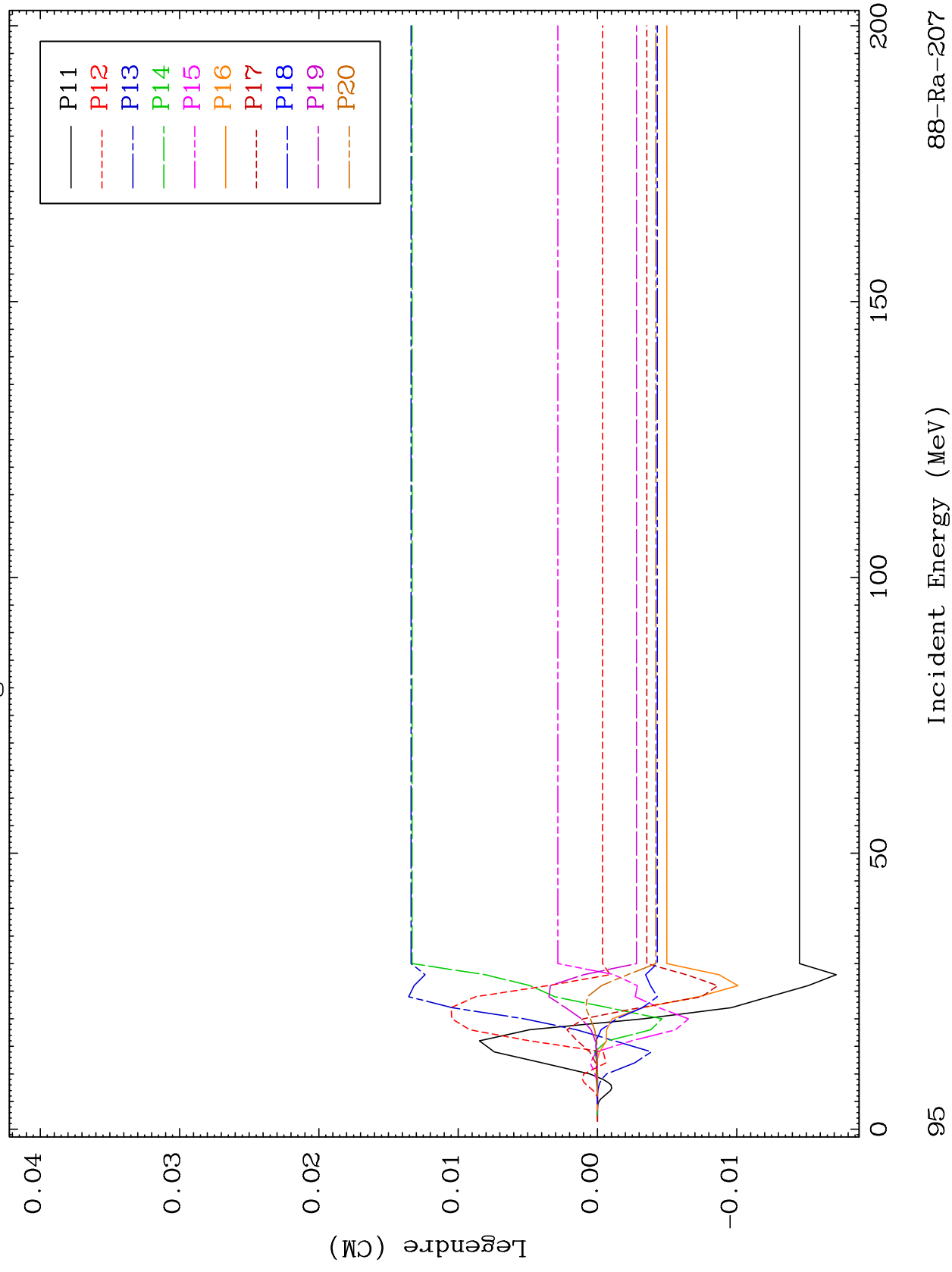




MAT 8777

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

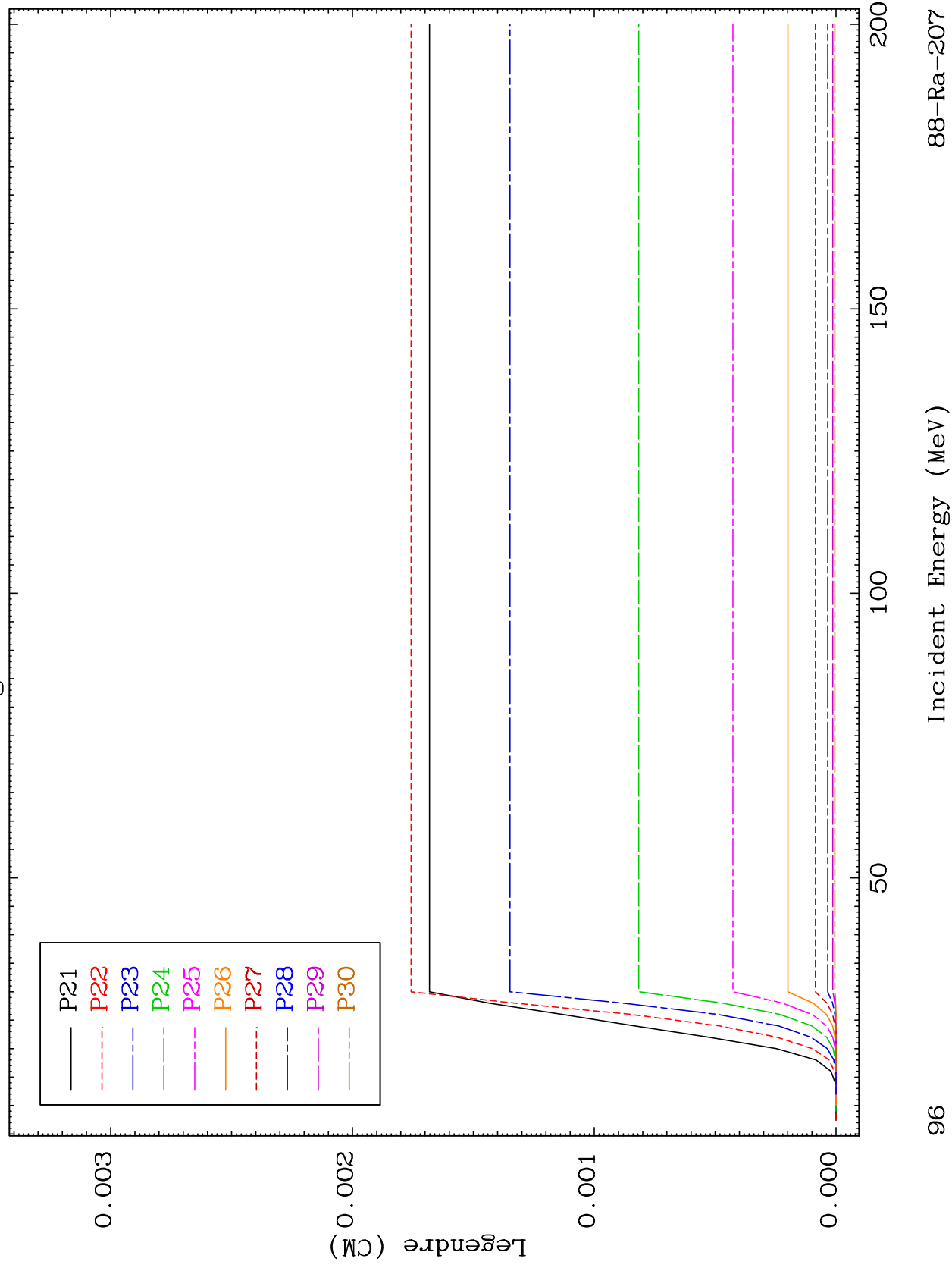
88-Ra-207



MAT 8777

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

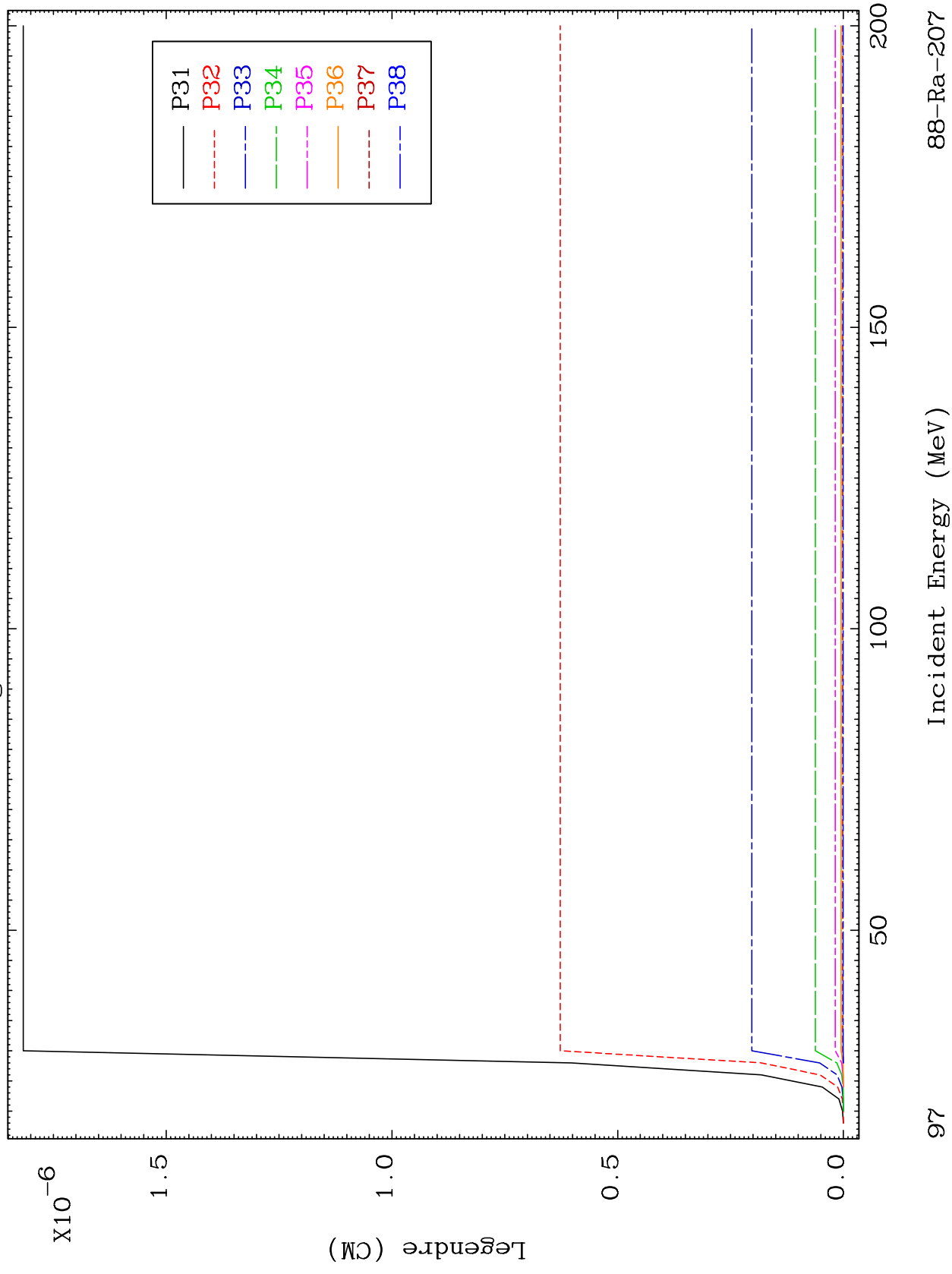
88-Ra-207

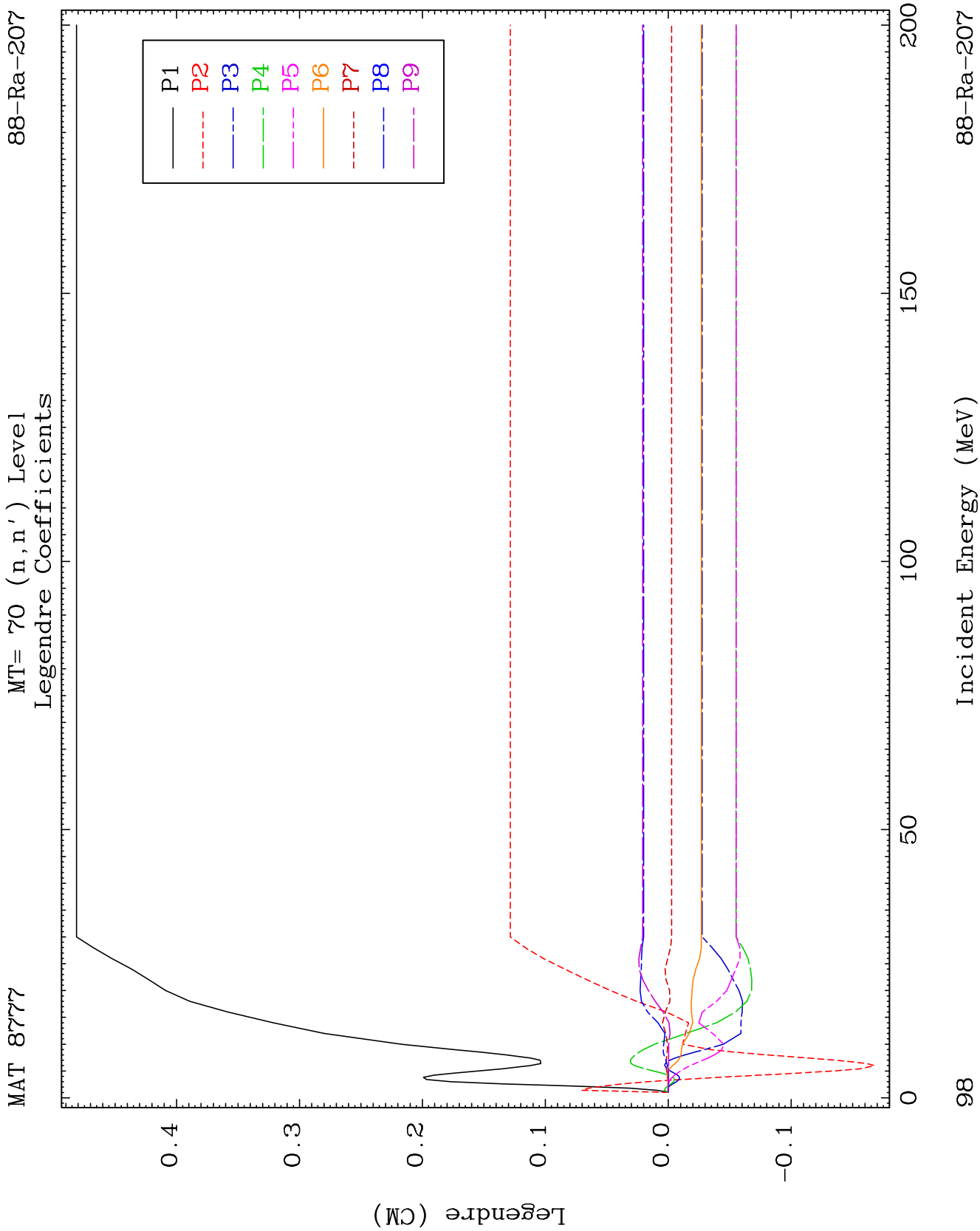


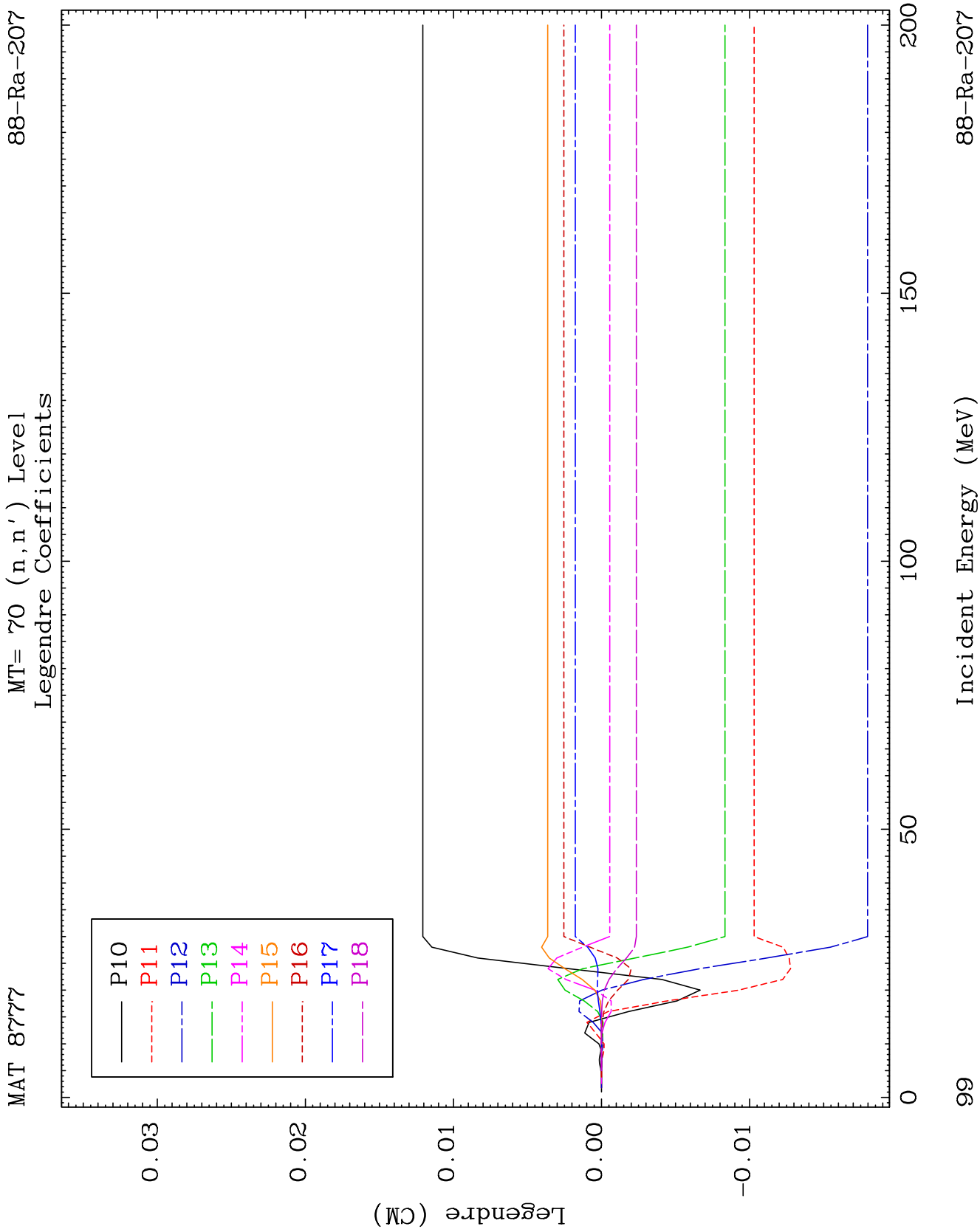
MAT 8777

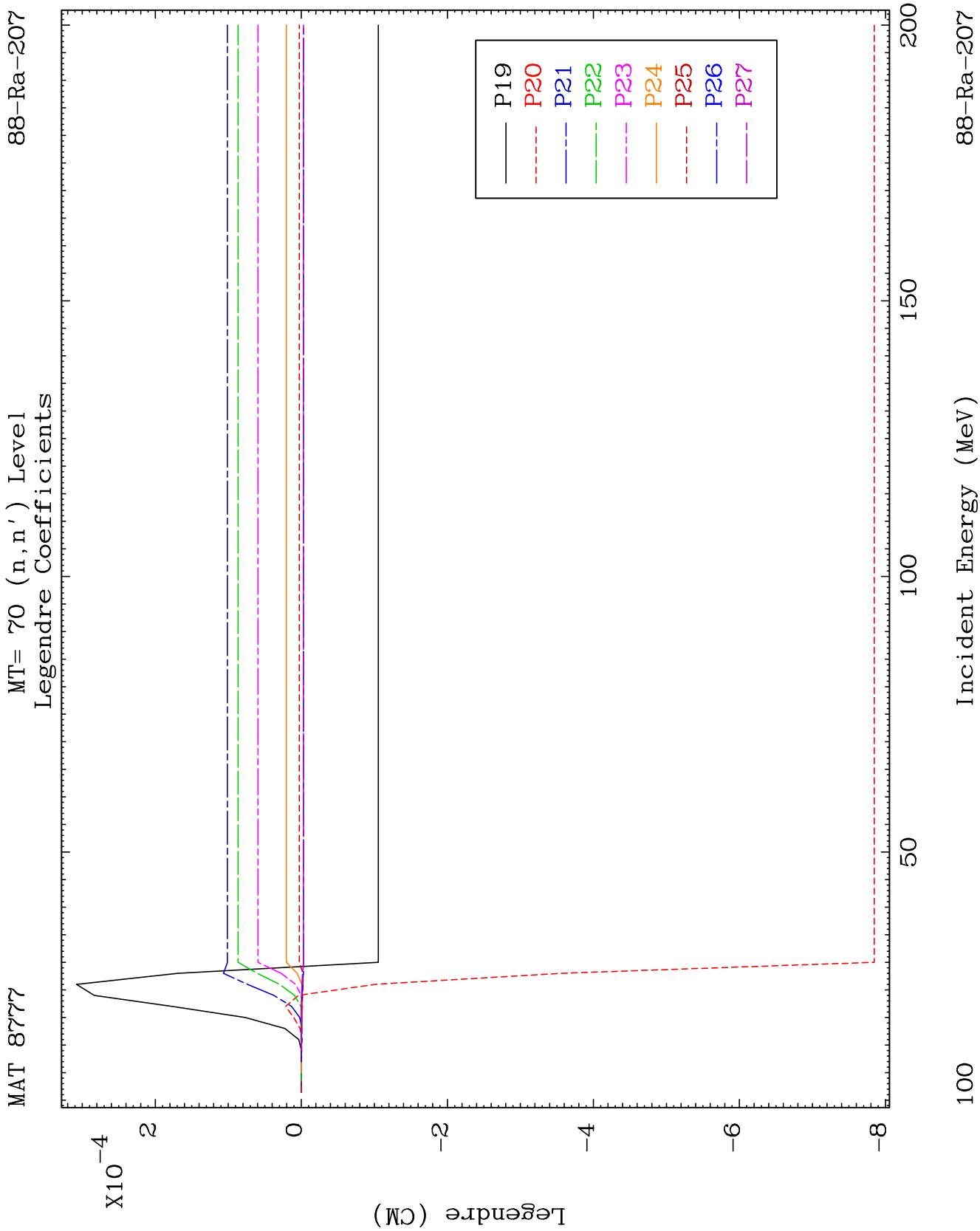
MT= 69 (n, n') Level
Legendre Coefficients

88-Ra-207





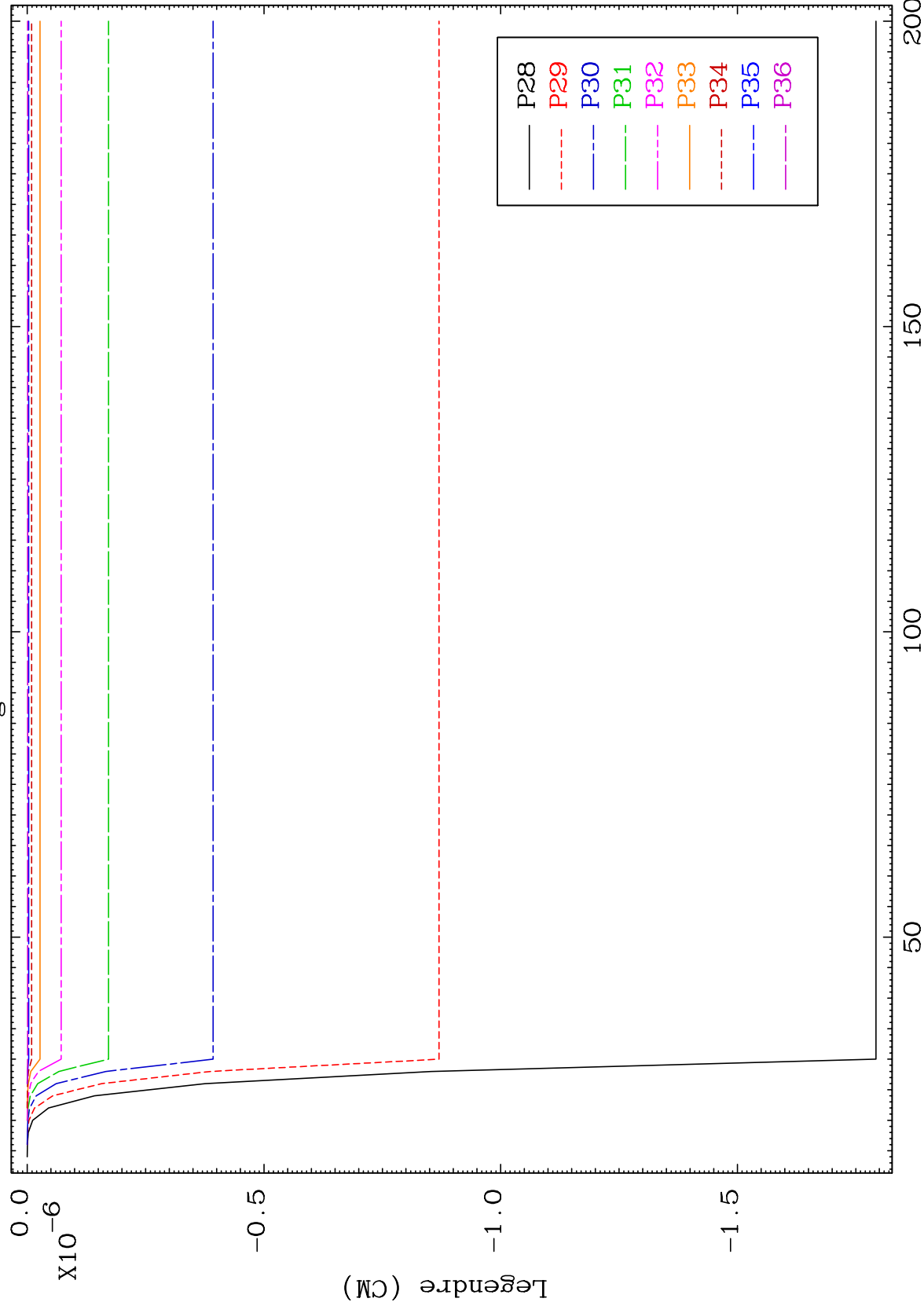




MAT 8777

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

88-Ra-207



101

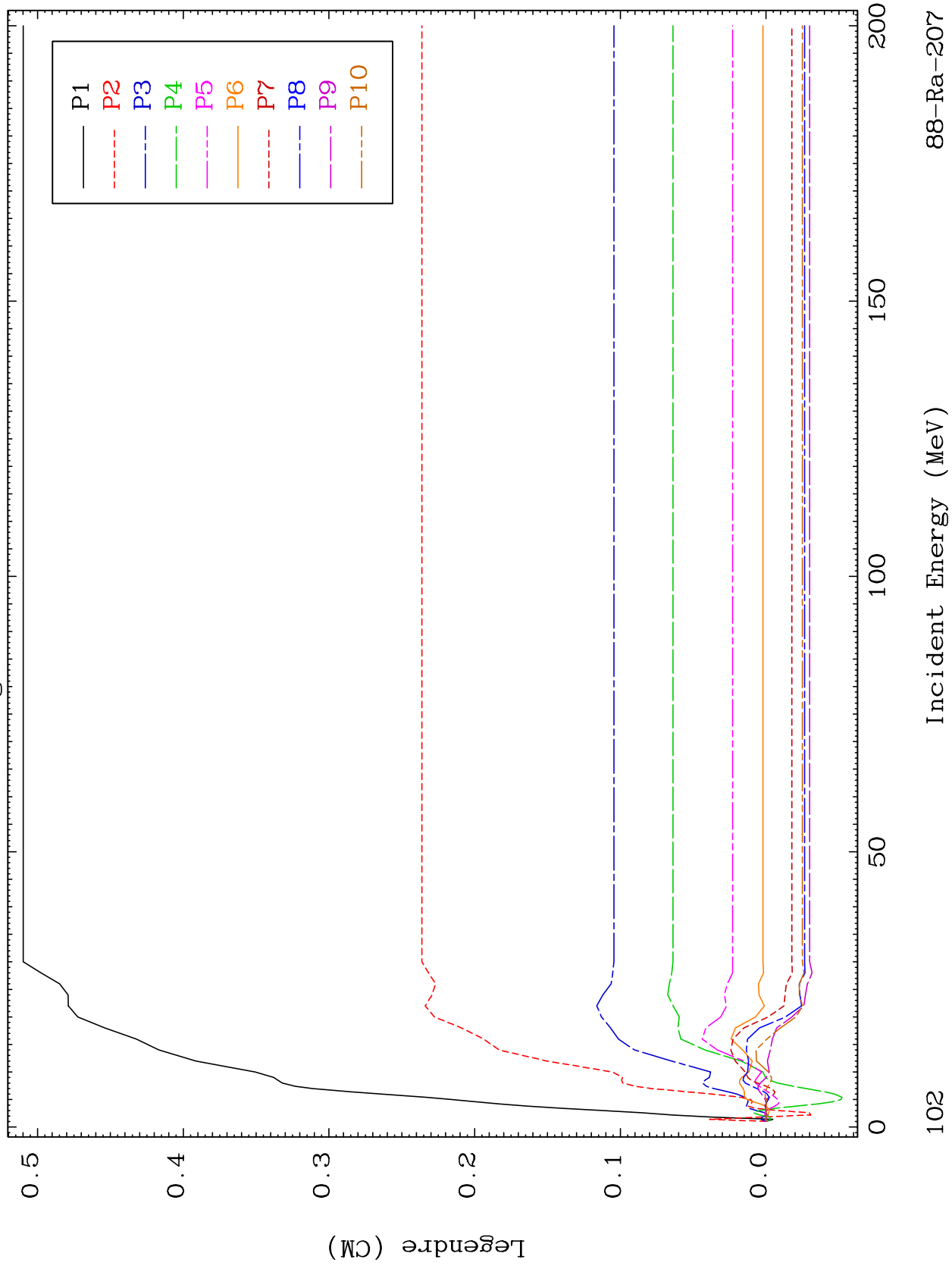
Incident Energy (MeV)

88-Ra-207

MAT 8777

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

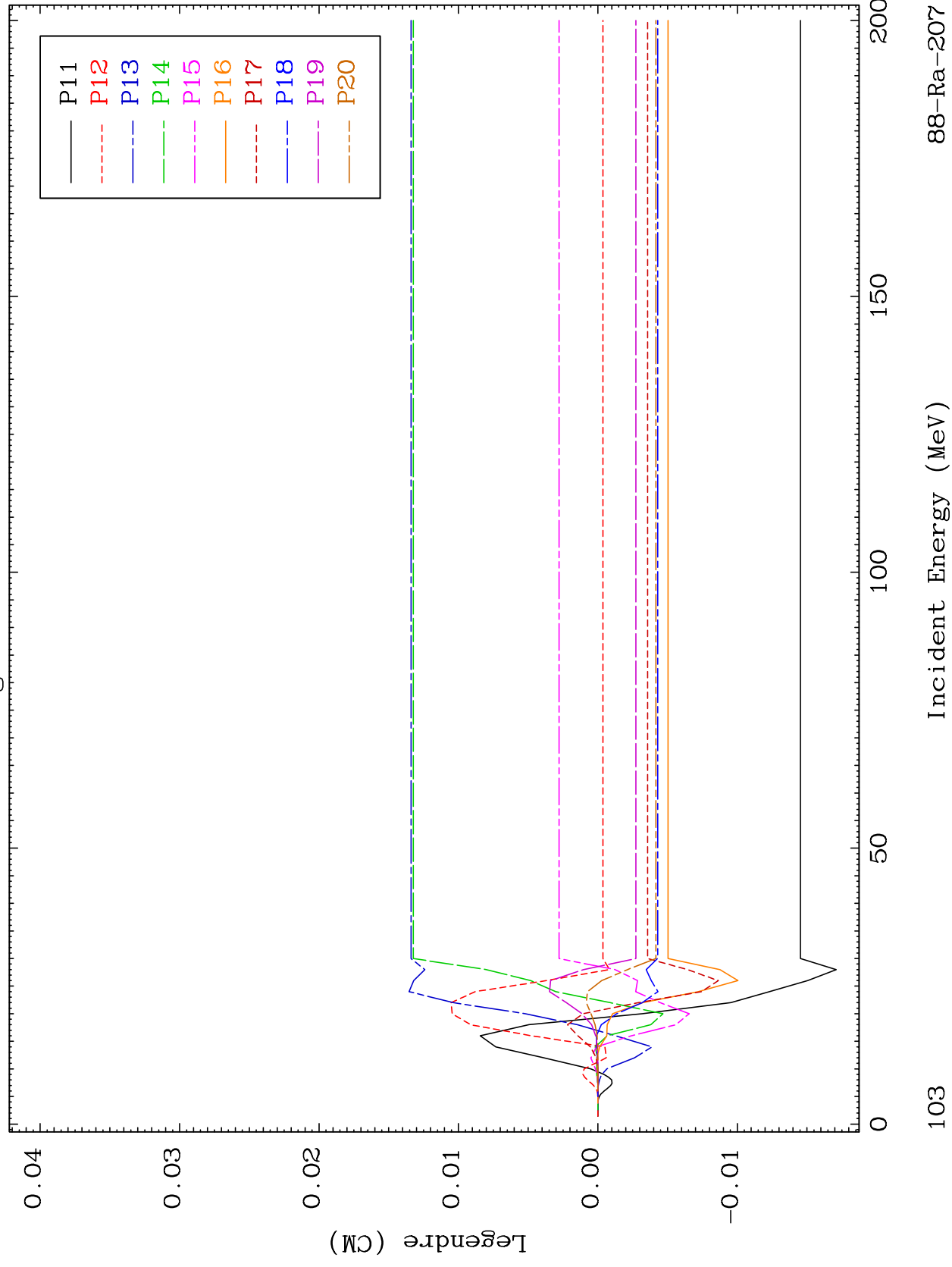
88-Ra-207



MAT 8777

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

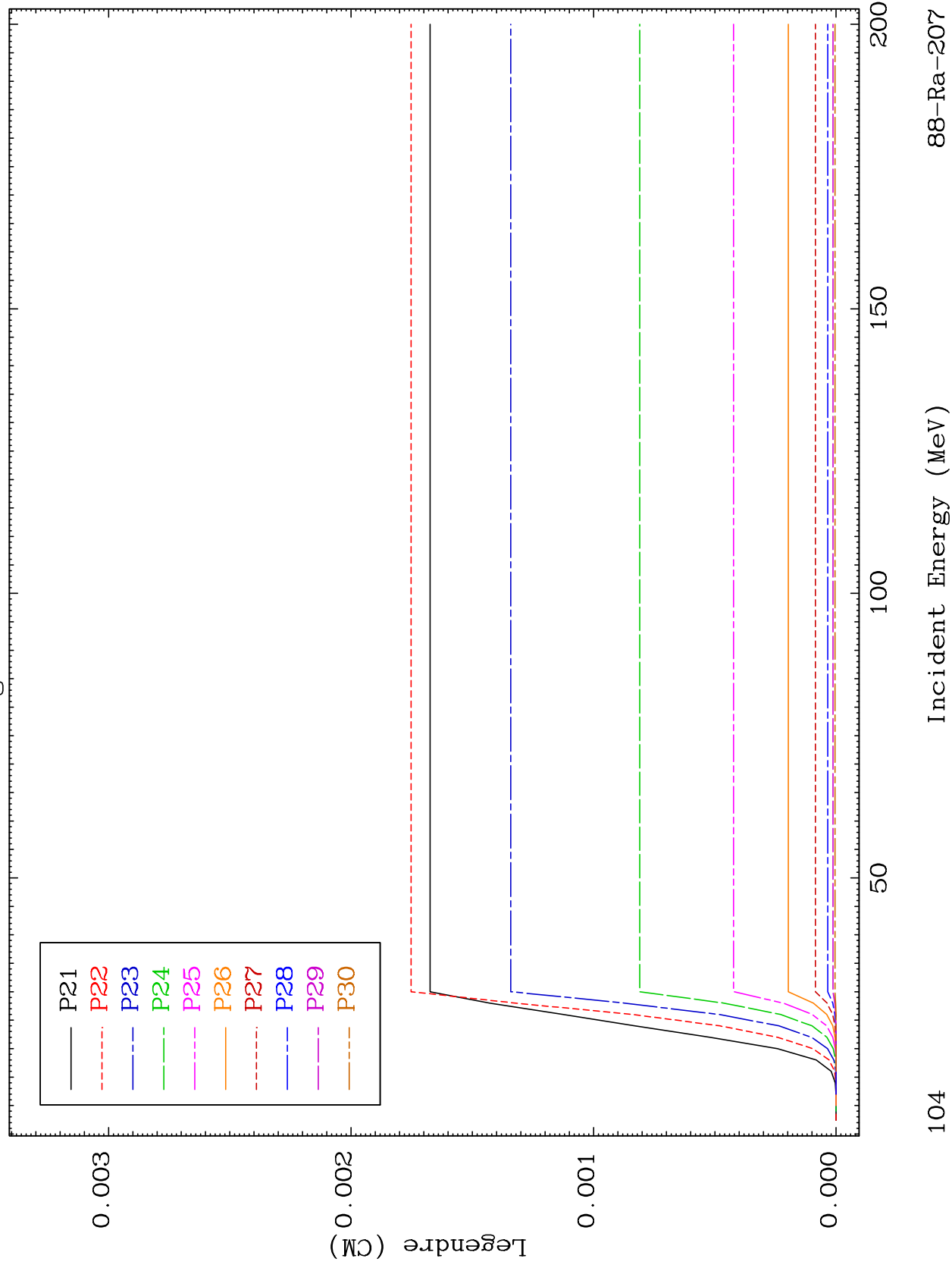
88-Ra-207

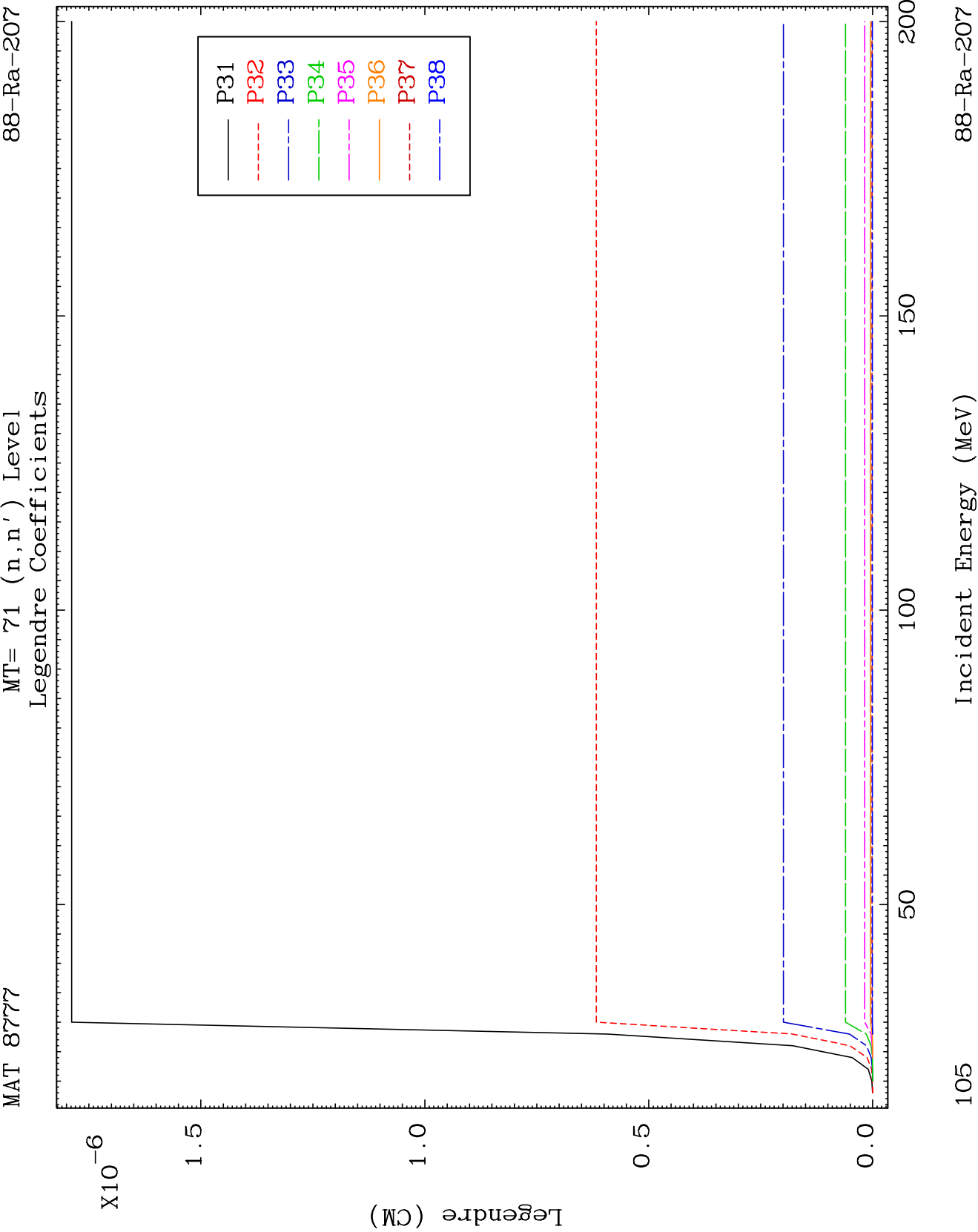


MAT 8777

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

88-Ra-207

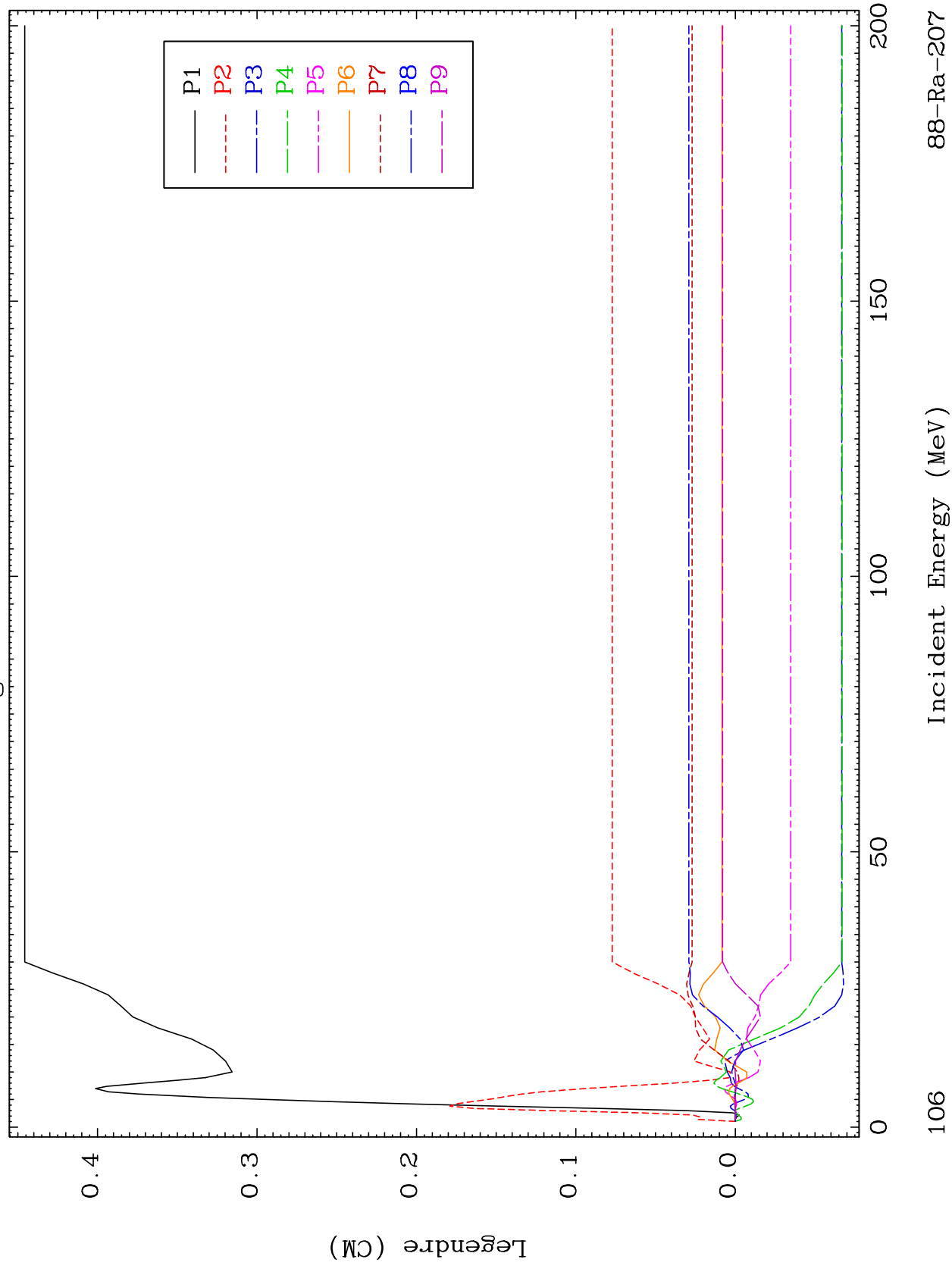




MAT 8777

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

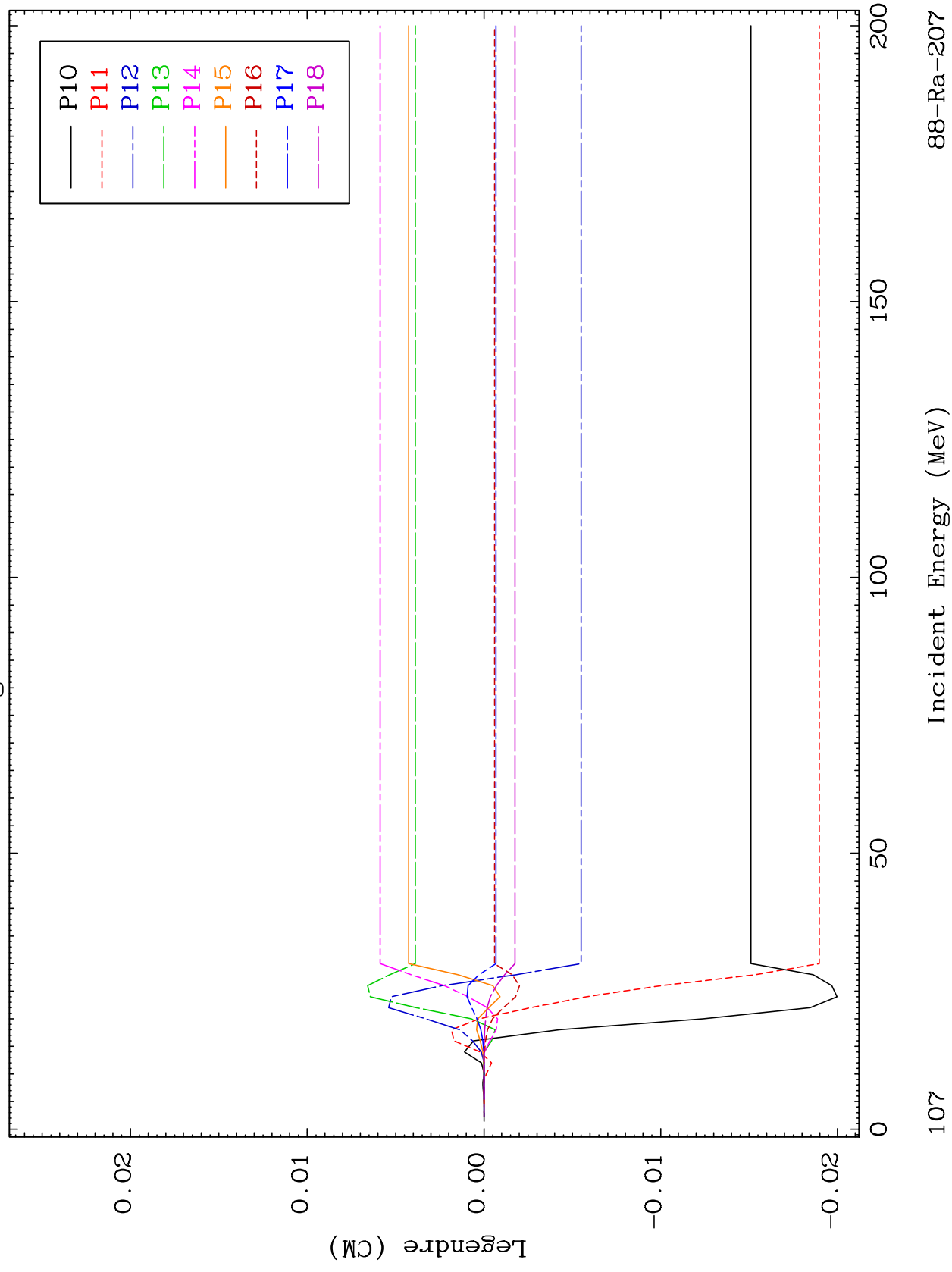
88-Ra-207



MAT 8777

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

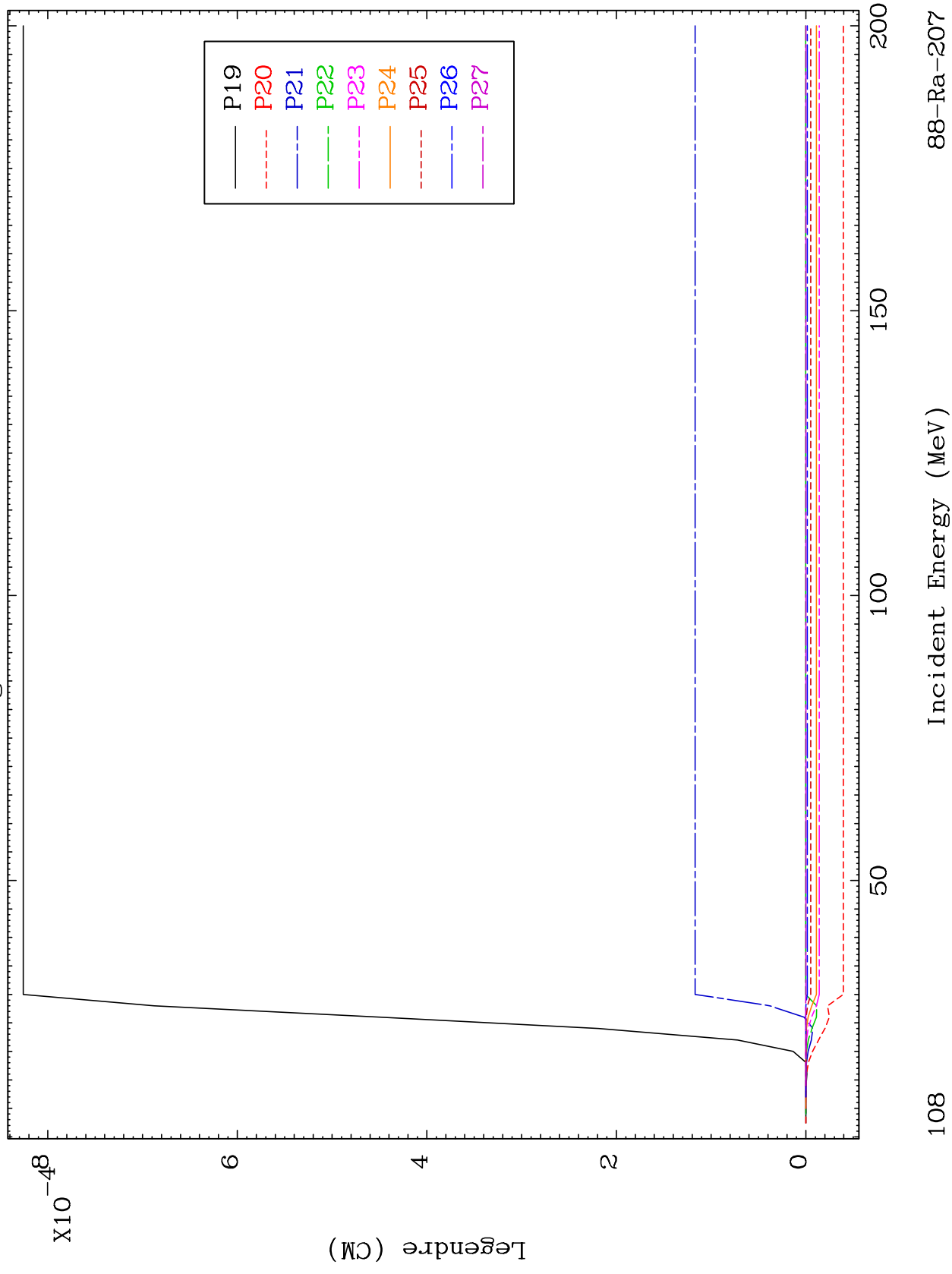
88-Ra-207

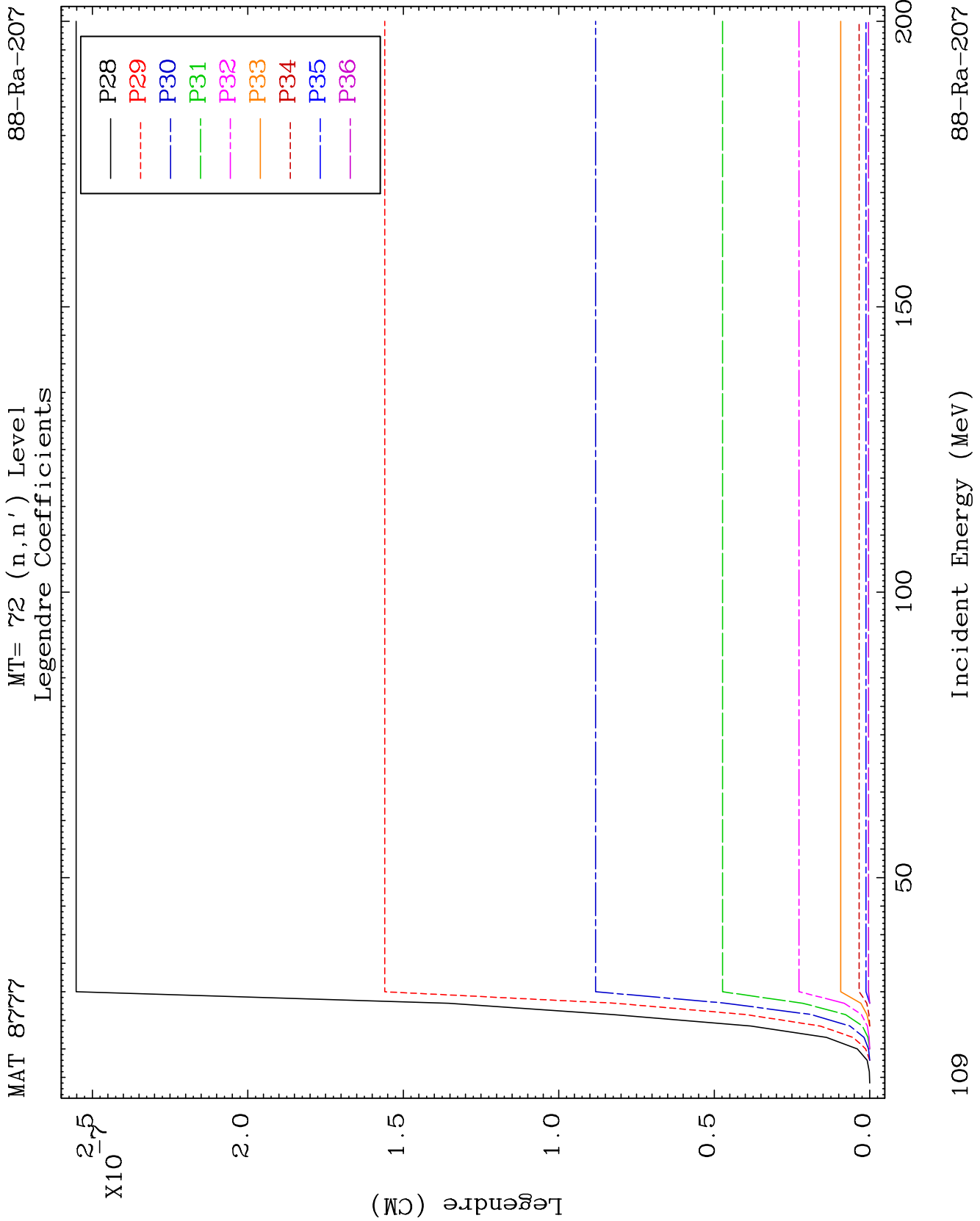


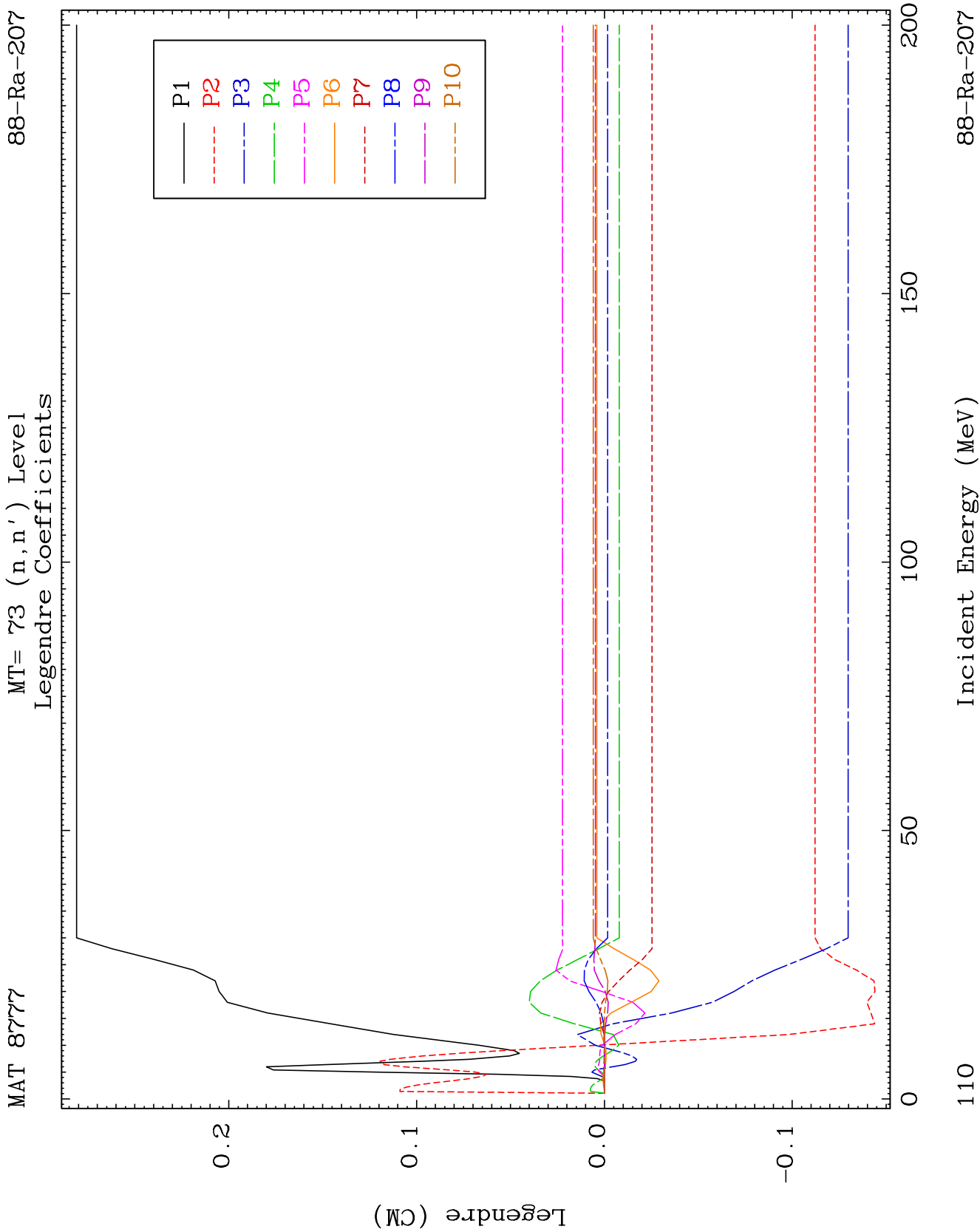
MAT 8777

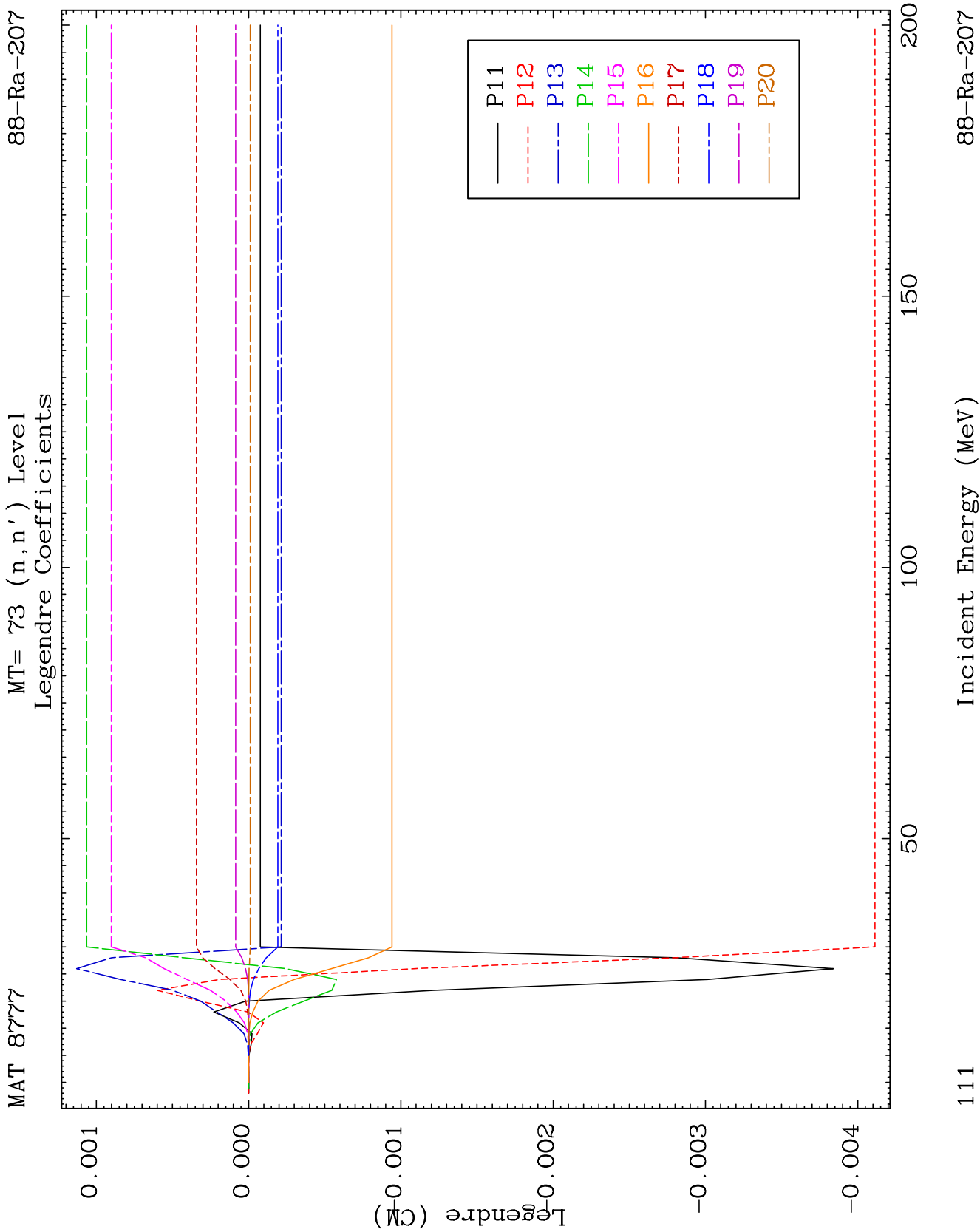
MT= 72 (n, n') Level
Legendre Coefficients

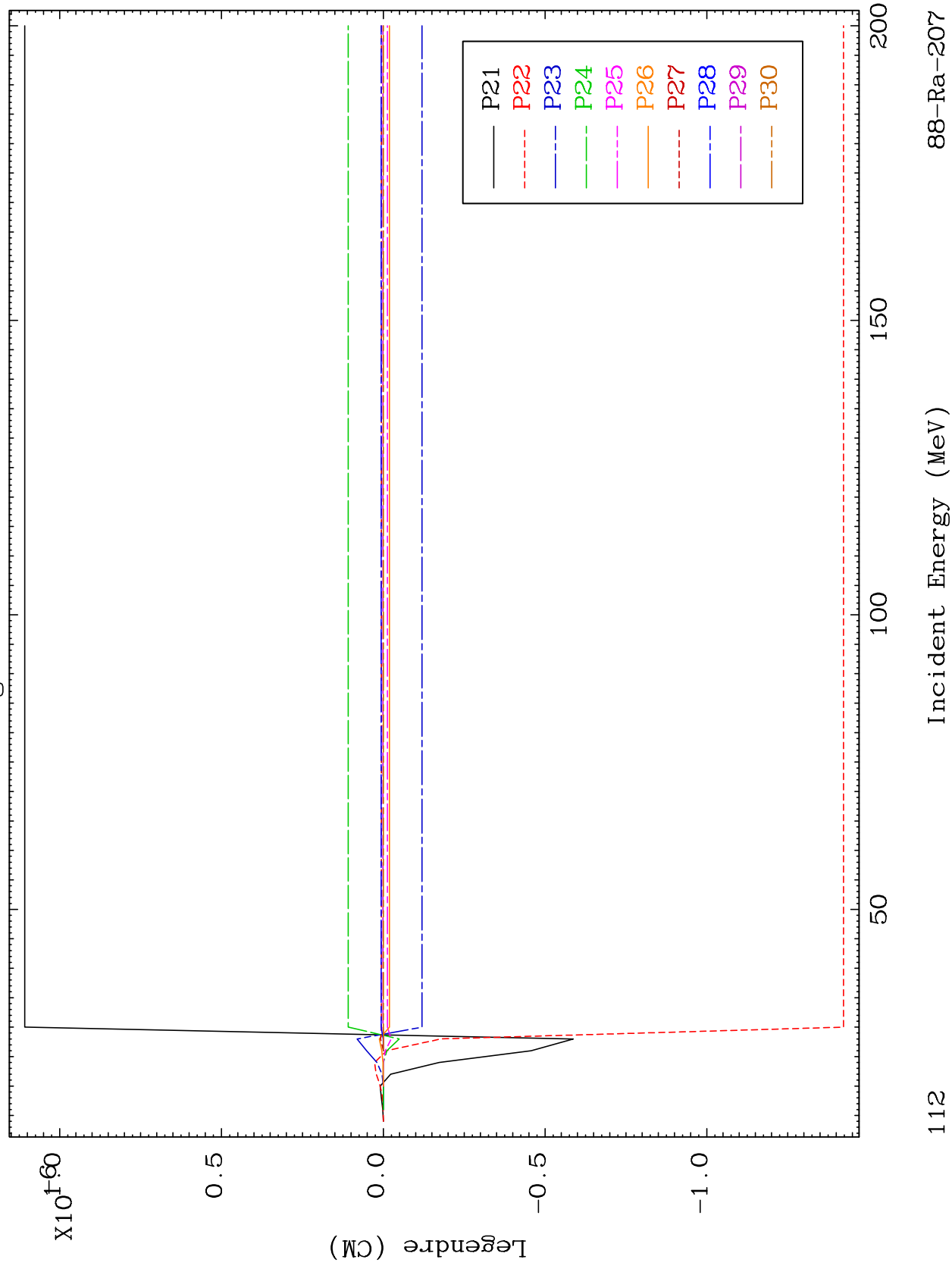
88-Ra-207

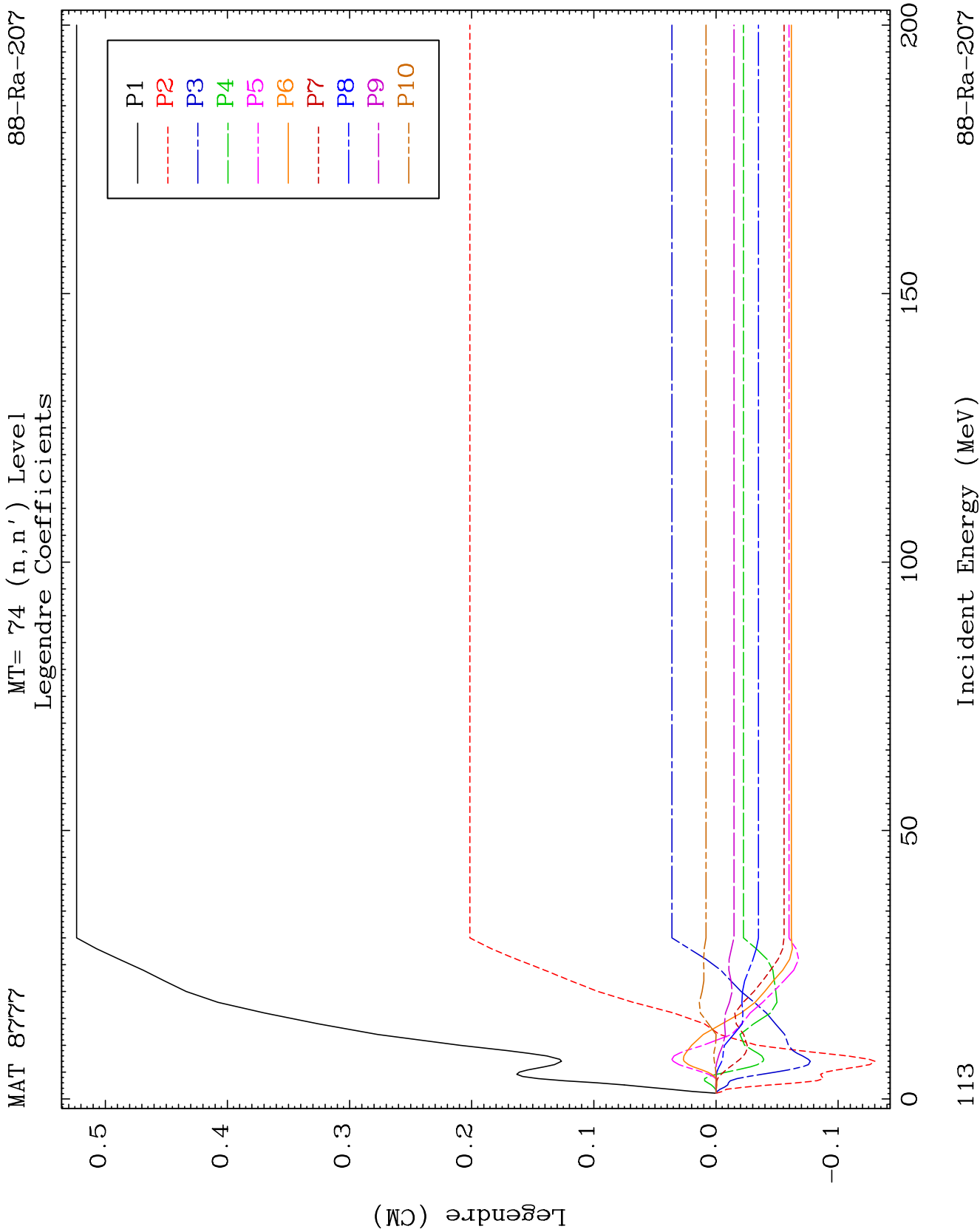


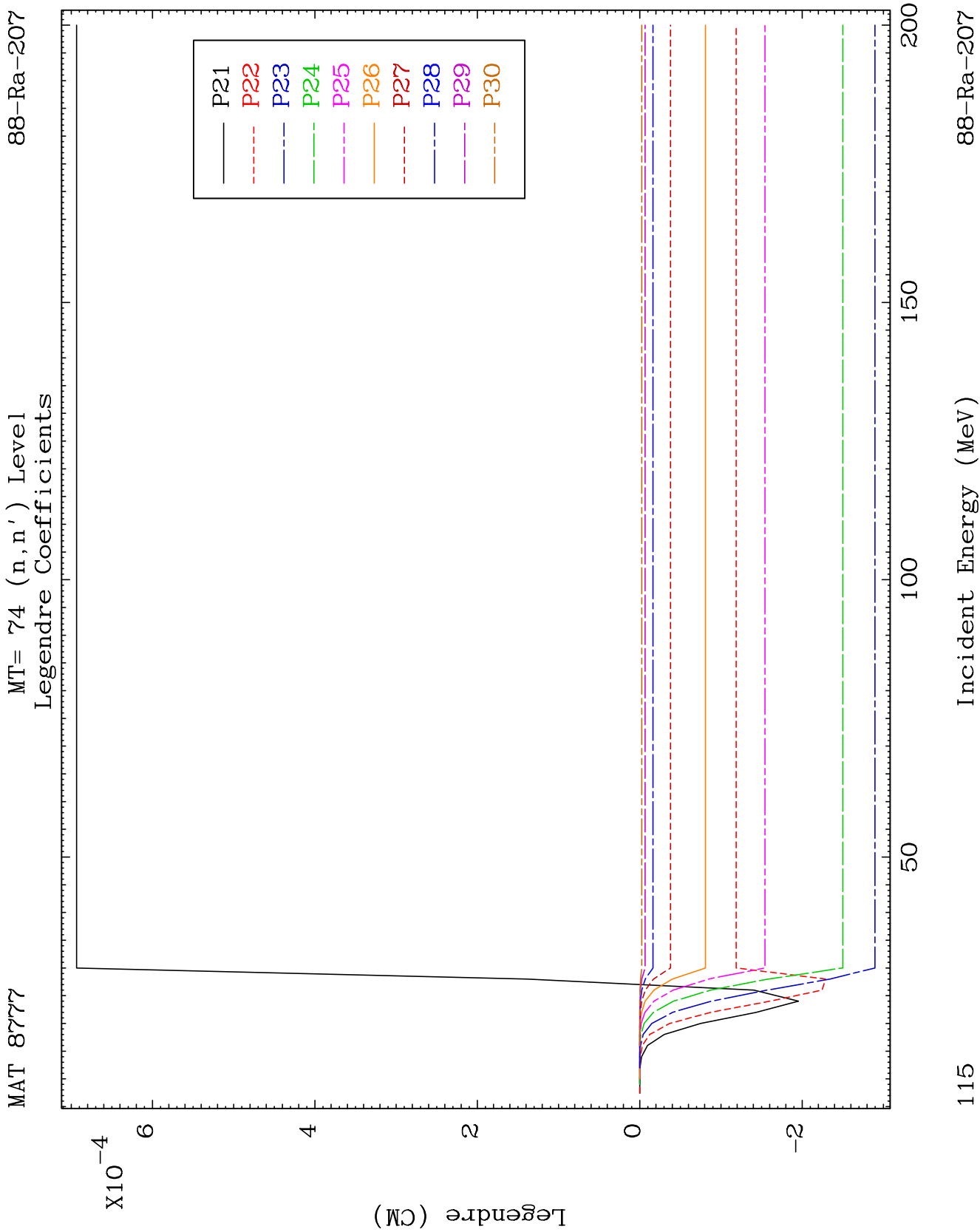


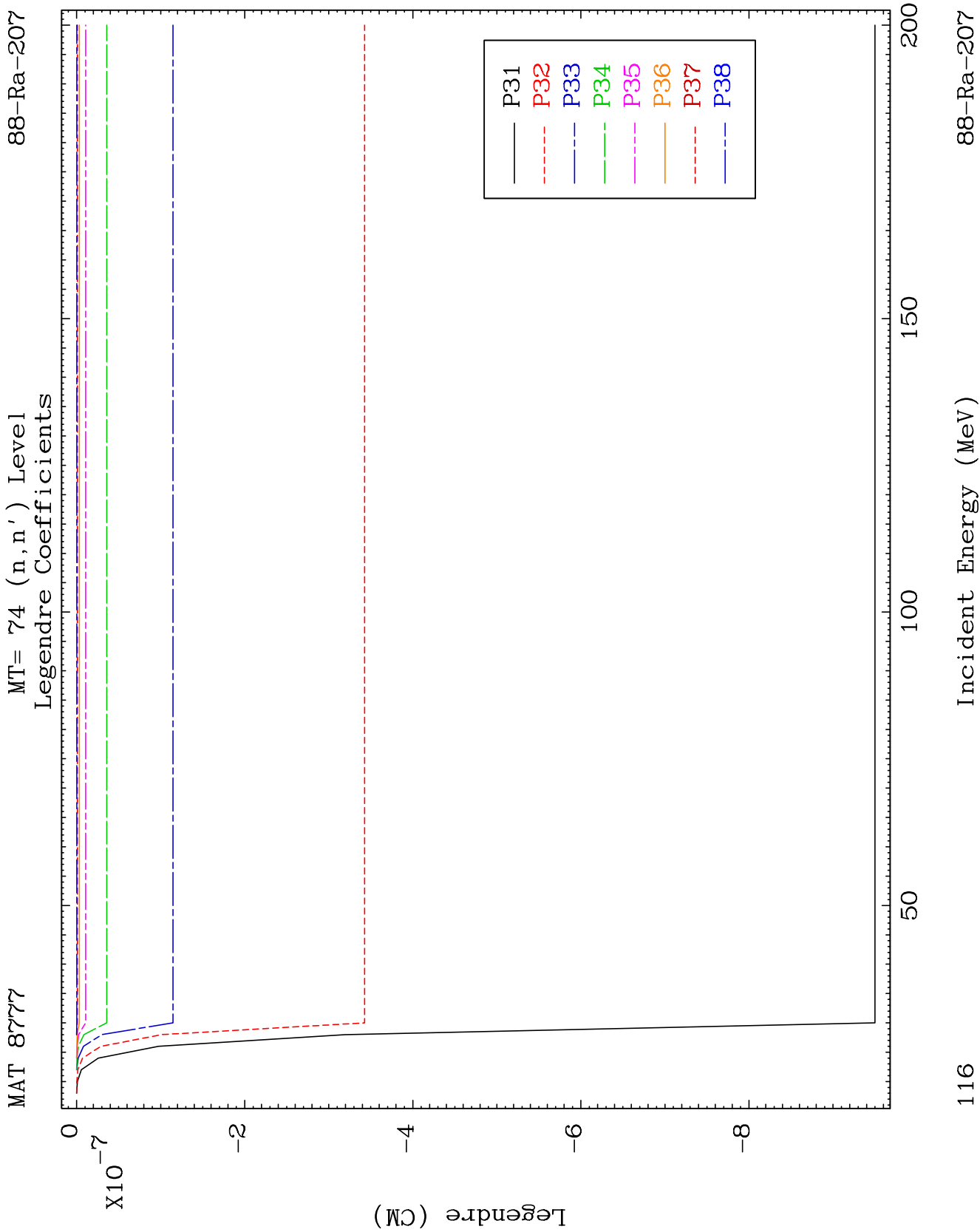


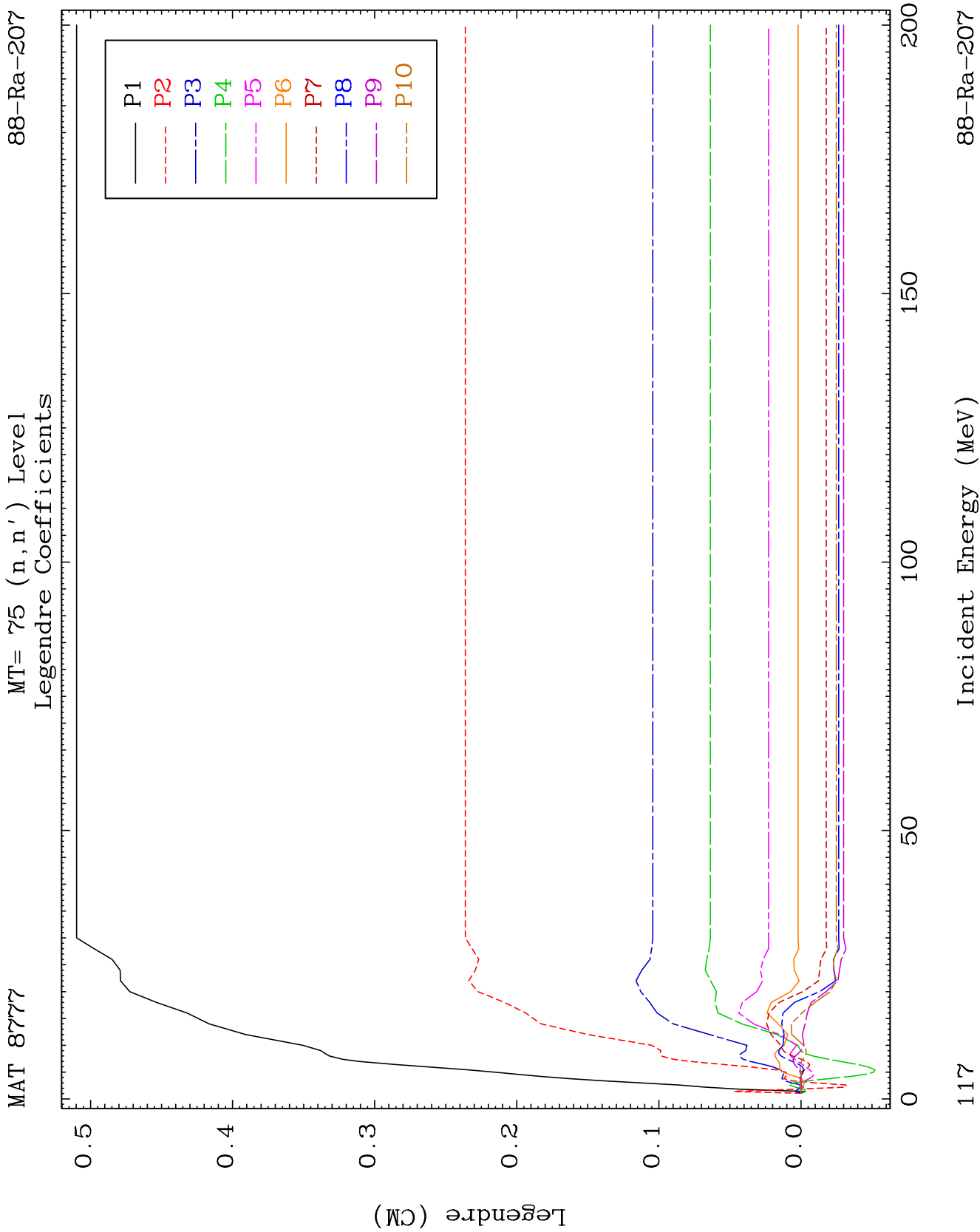


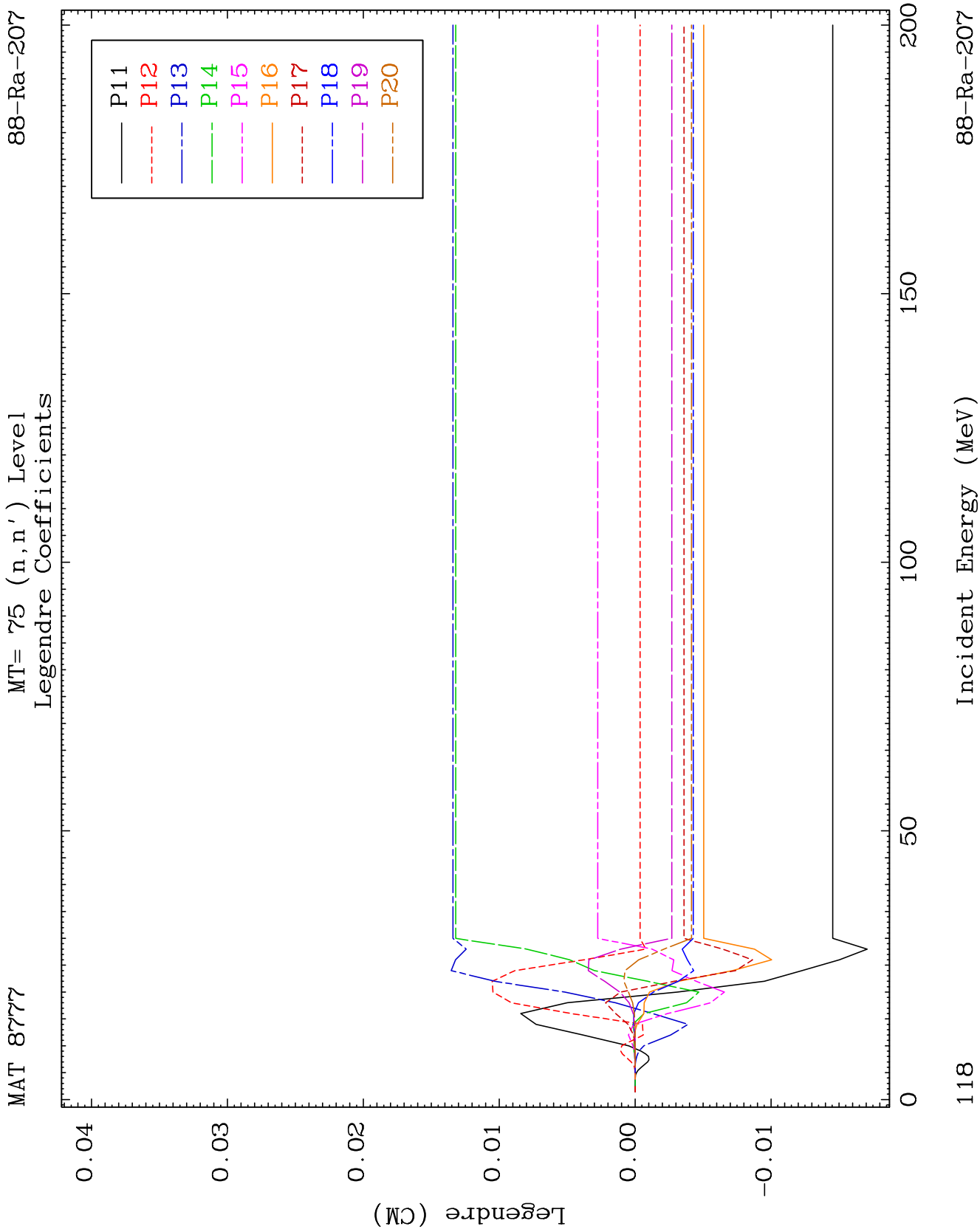








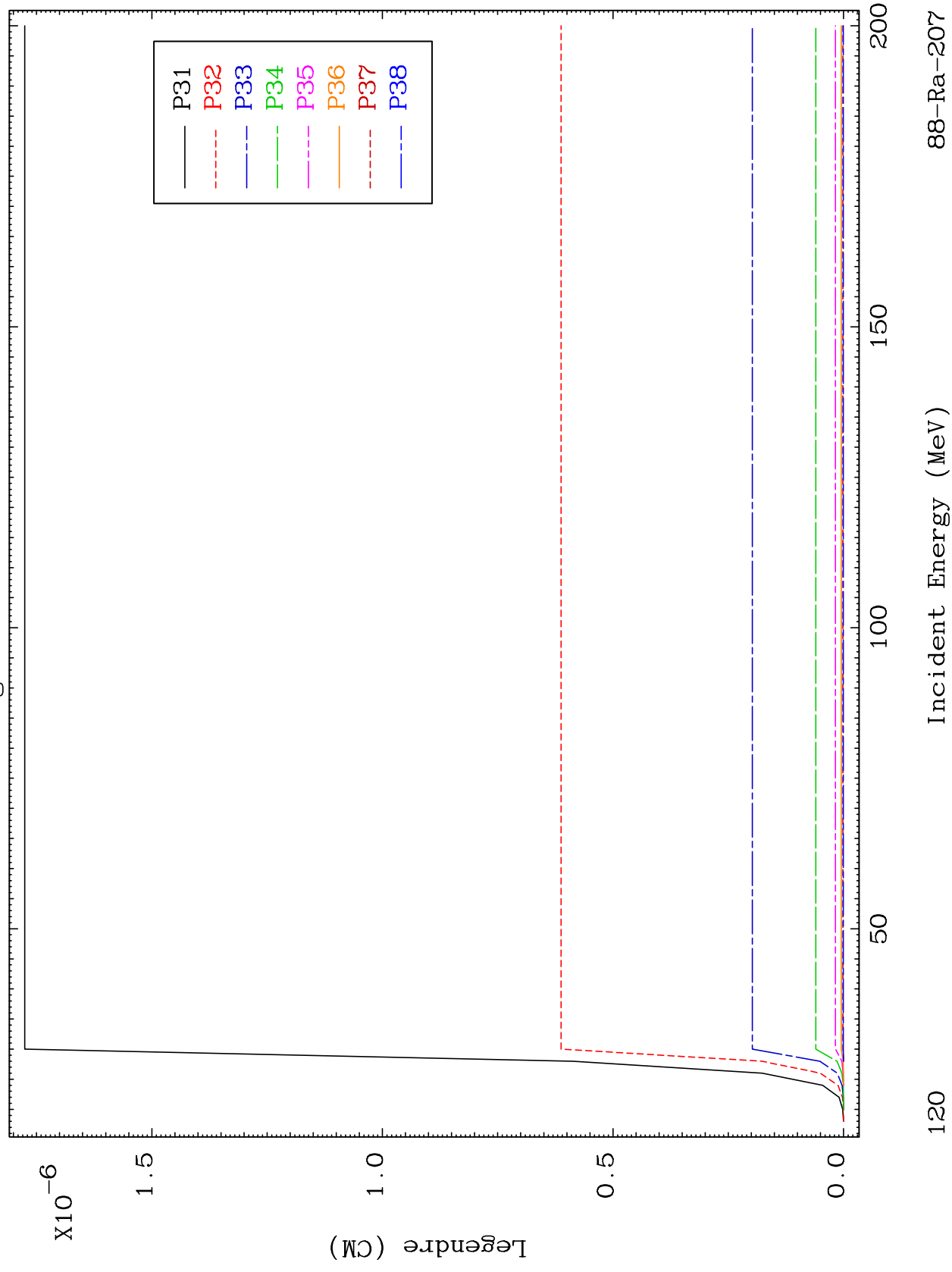


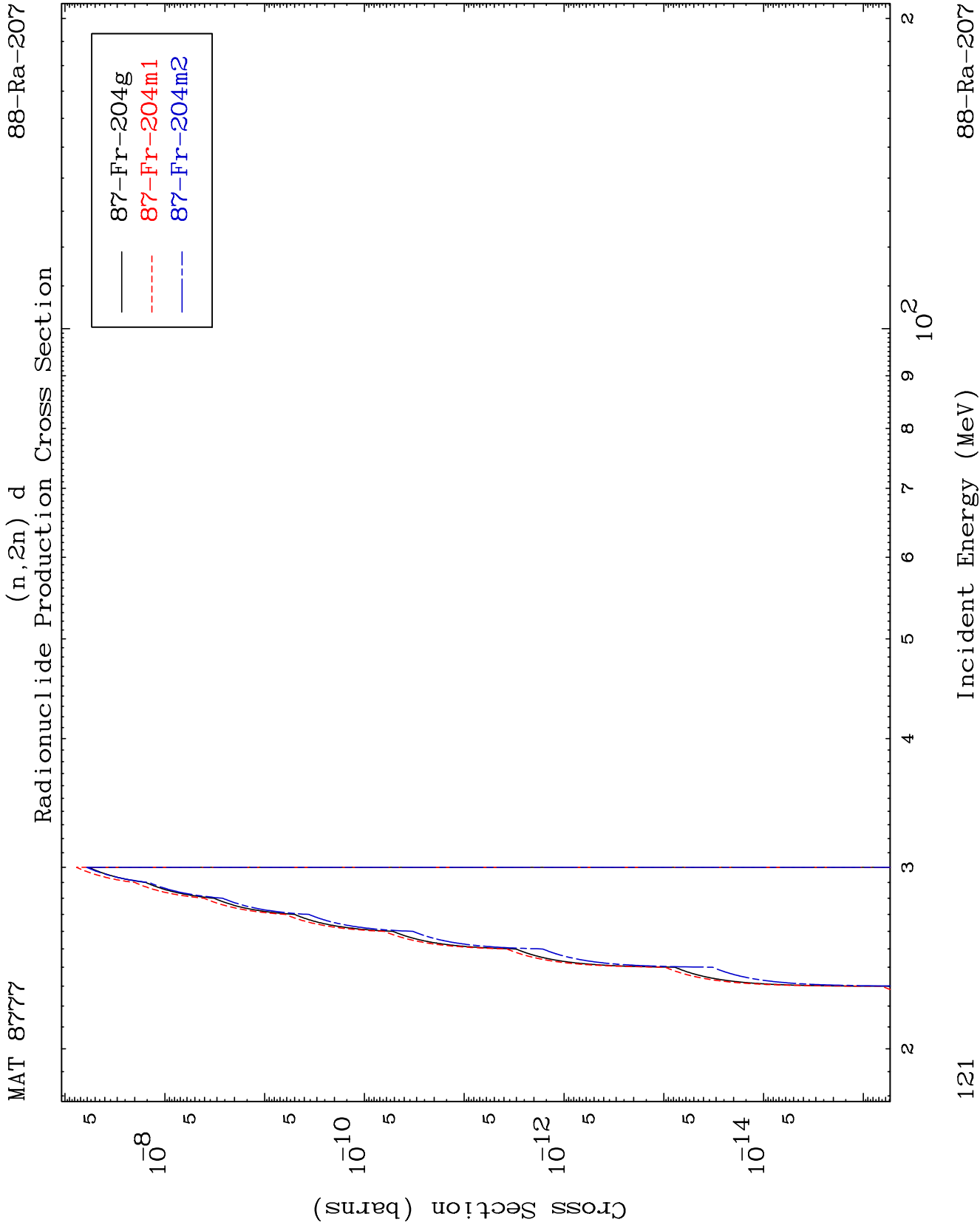


MAT 8777

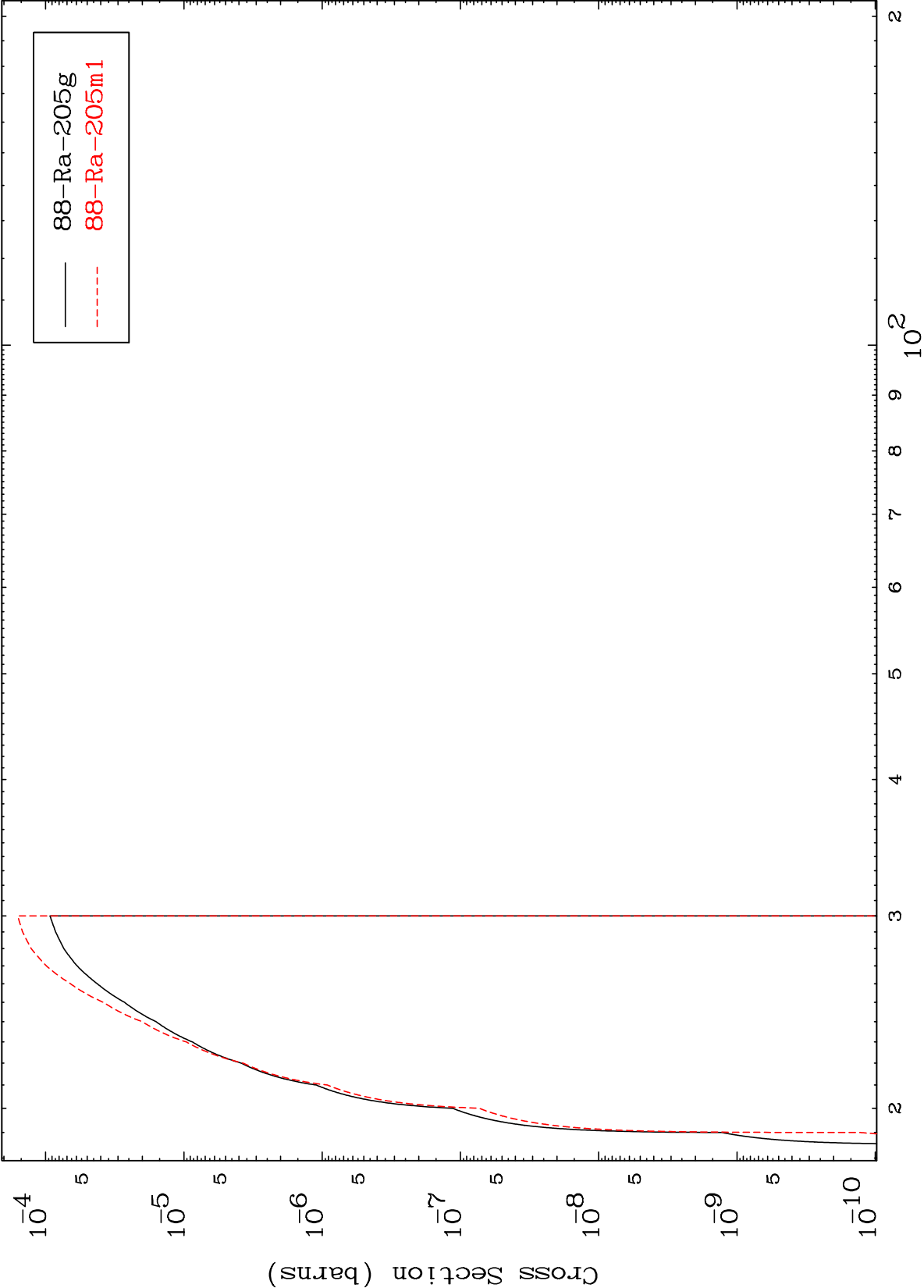
MT= 75 (n, n') Level
Legendre Coefficients

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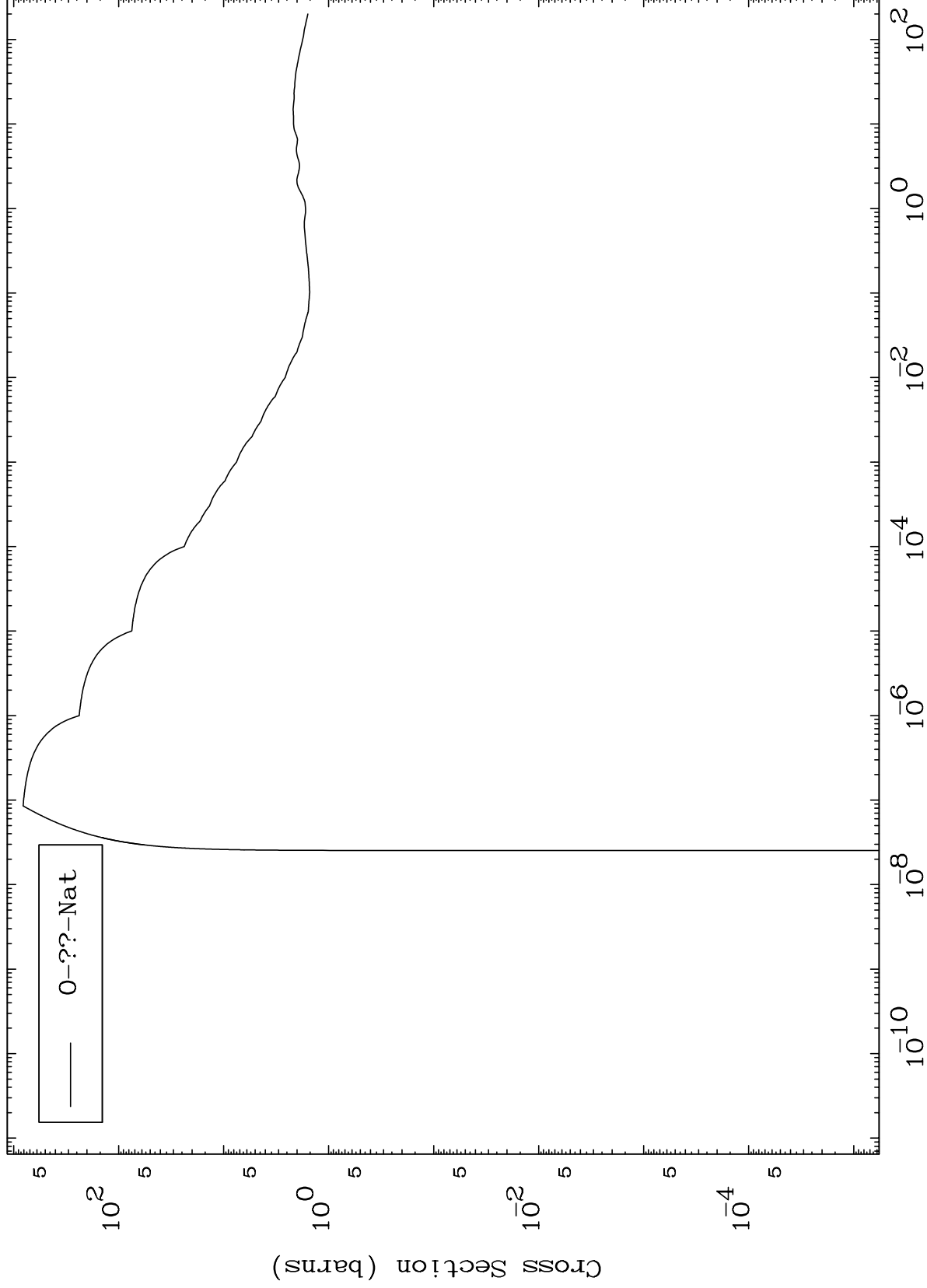
(n,3n)
Radionuclide Production Cross Section



MAT 8777

88-Ra-207

Fission
Radionuclide Production Cross Section



123

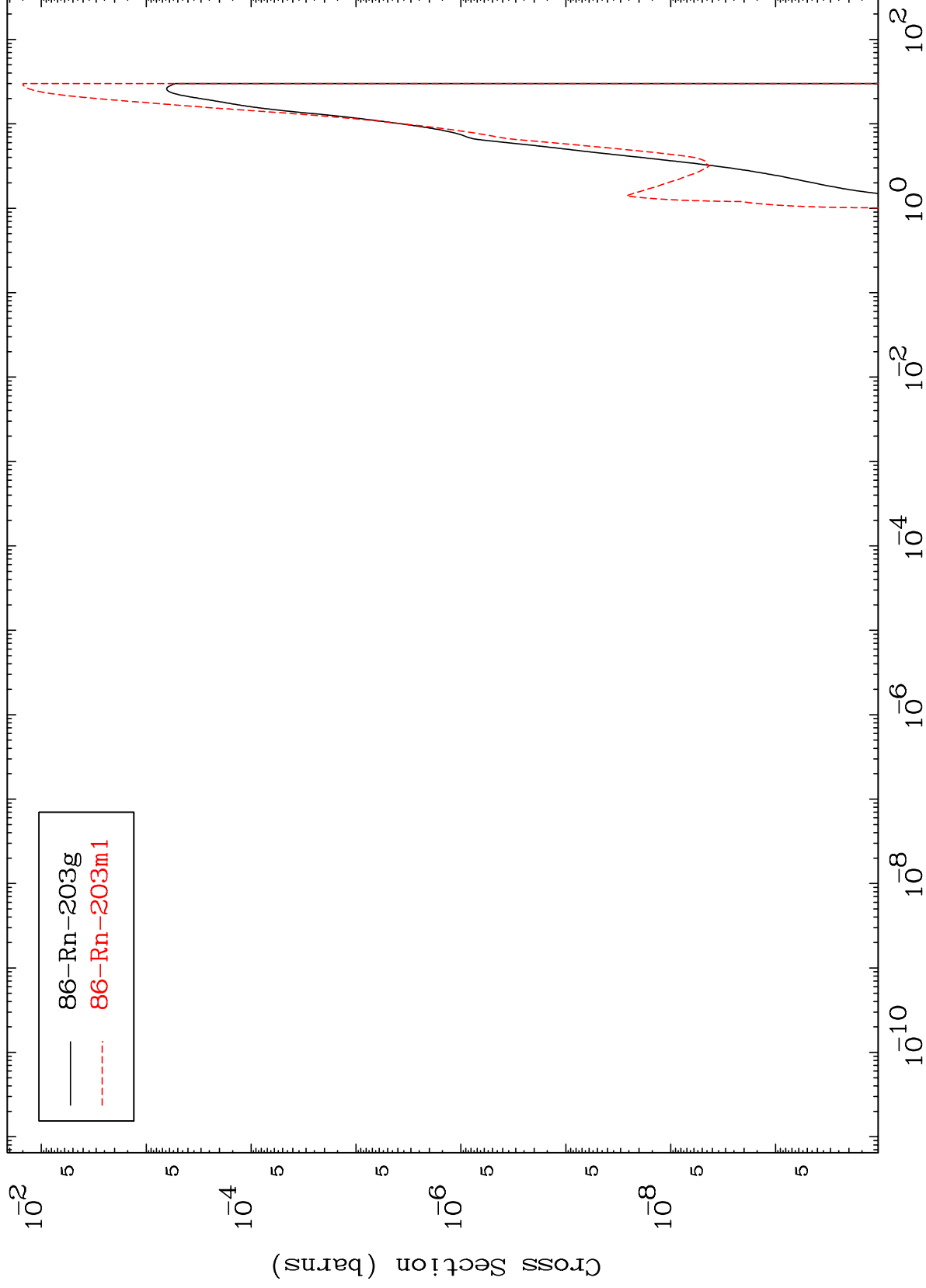
88-Ra-207

MAT 8777

$(n,n') \alpha$

88-Ra-207

Radionuclide Production Cross Section



124

Incident Energy (MeV)

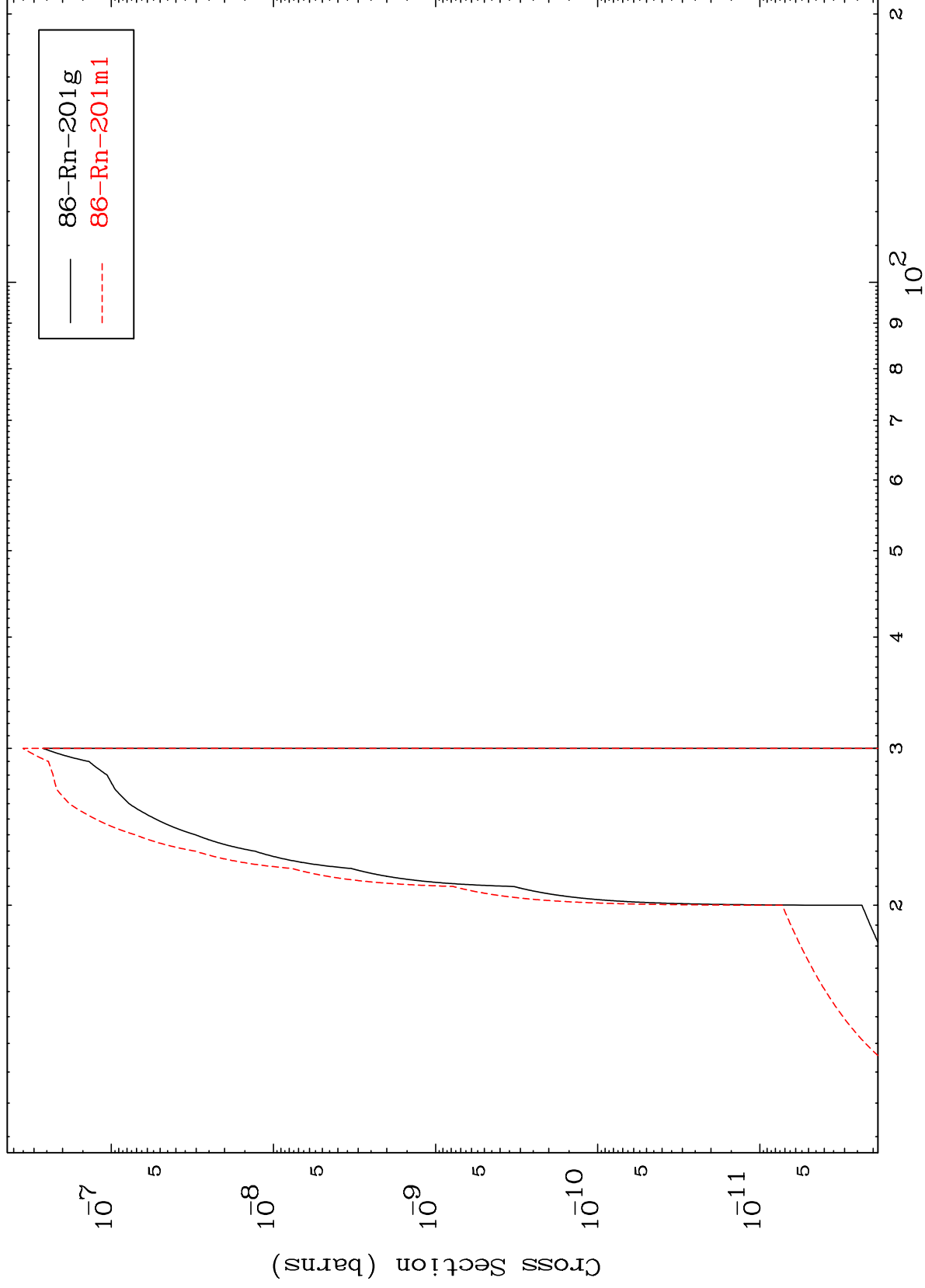
88-Ra-207

MAT 8777

88-Ra-207

(n,3n) α

Radionuclide Production Cross Section

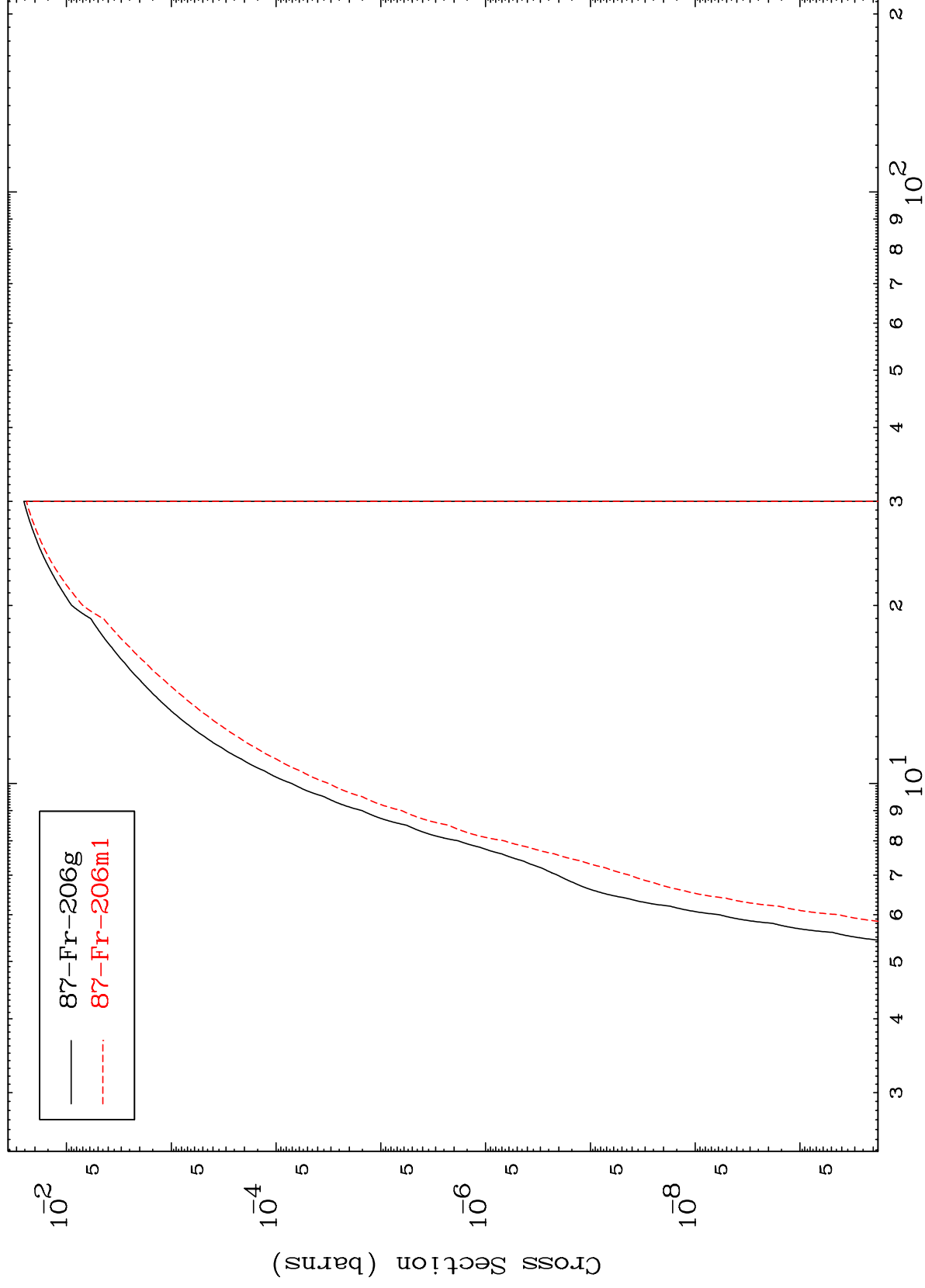


125

Incident Energy (MeV)

88-Ra-207

(n,n') p
Radionuclide Production Cross Section

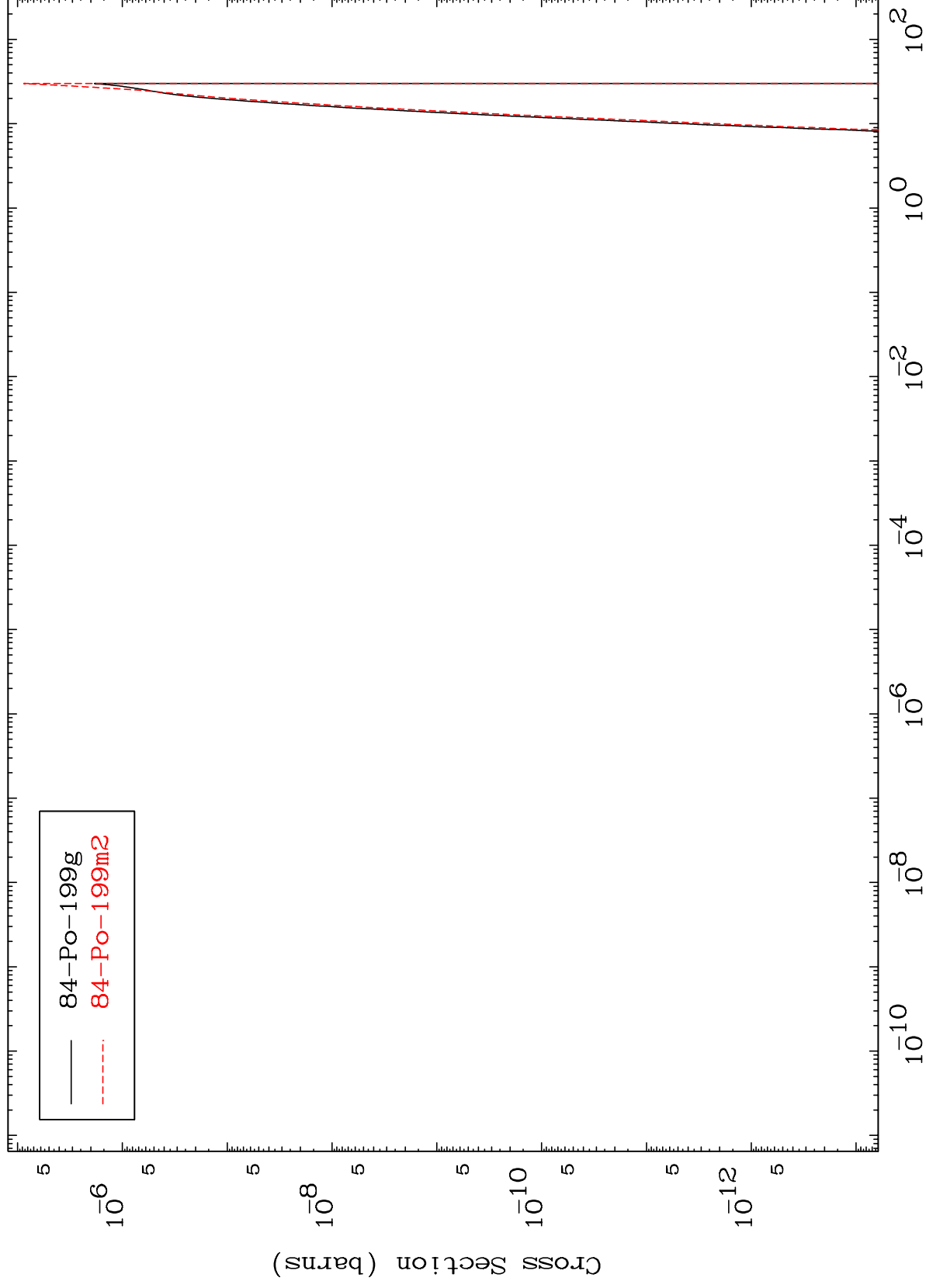


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(n,n') 2 α

88-Ra-207

Radionuclide Production Cross Section

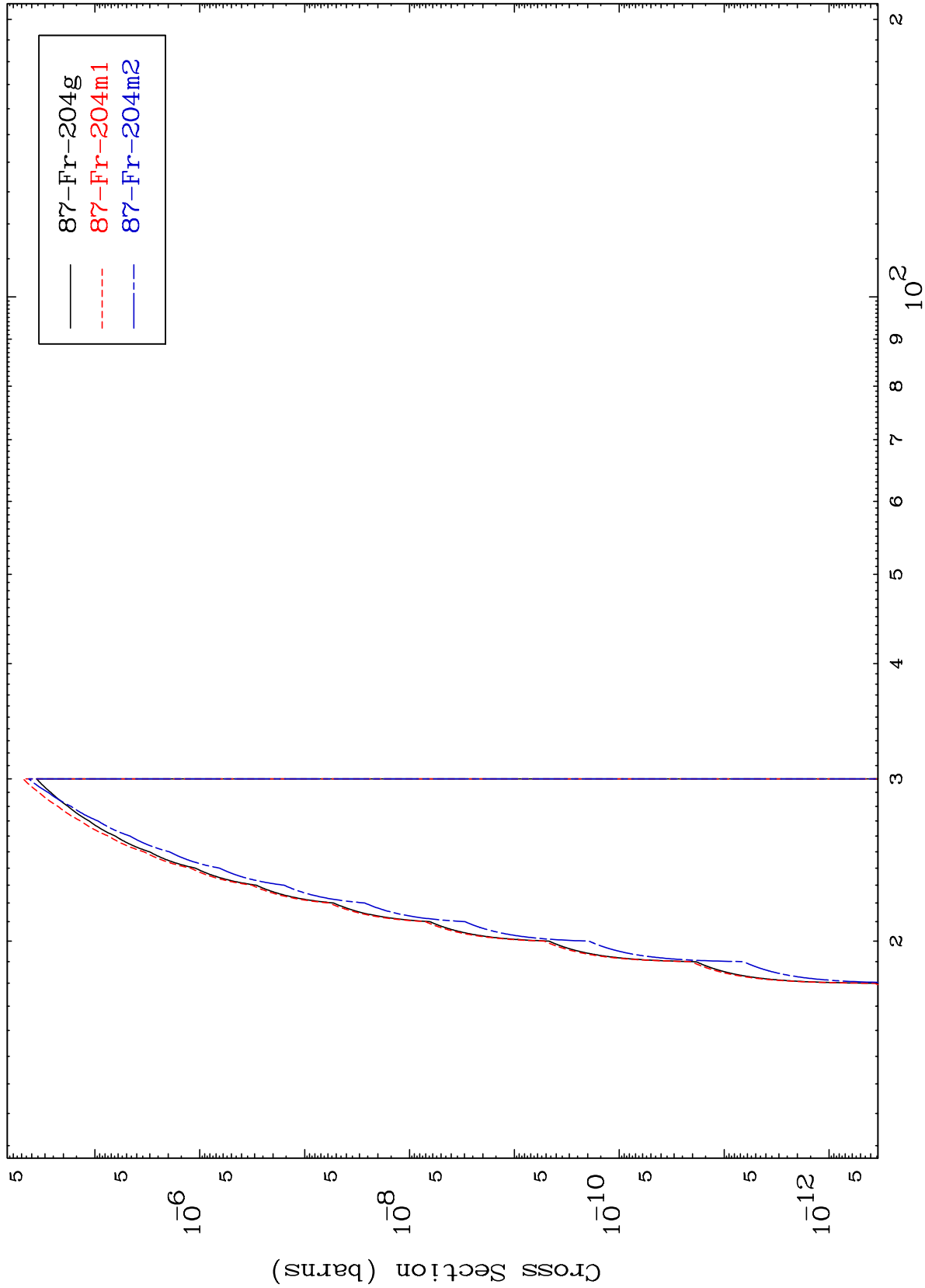


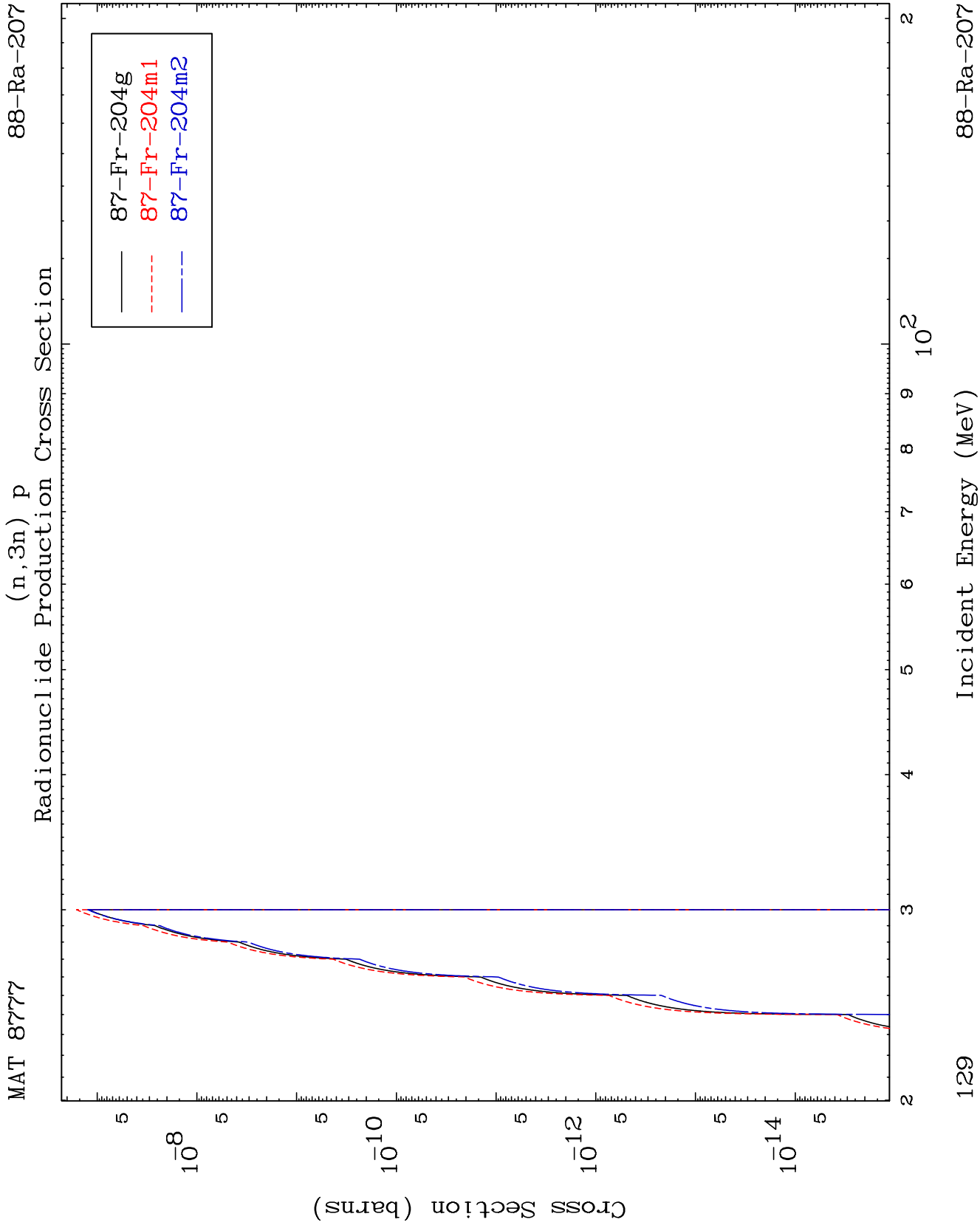
127

Incident Energy (MeV)

88-Ra-207

(n,n') t
Radionuclide Production Cross Section

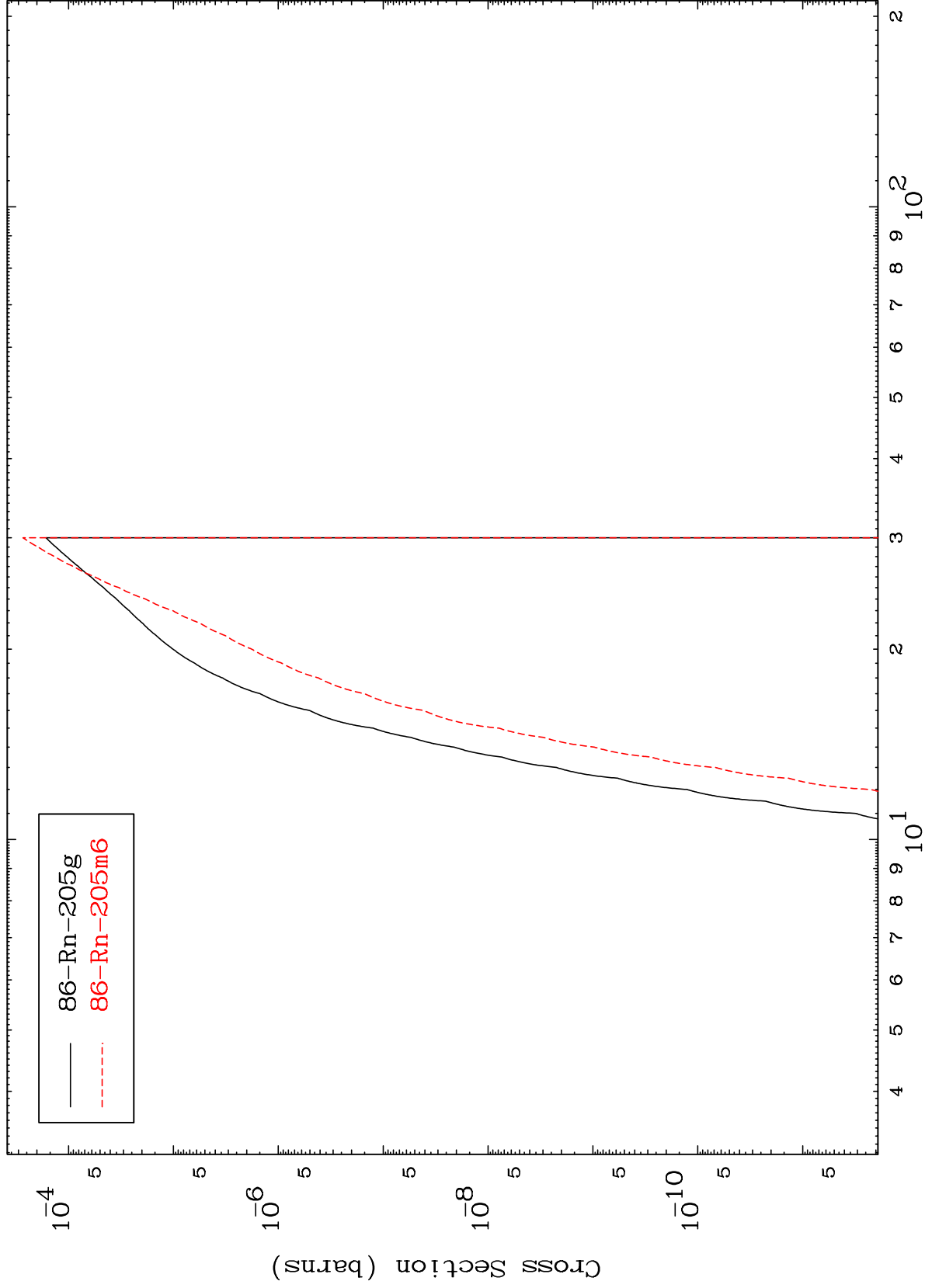




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88-Ra-207

(n,2n) p
Radionuclide Production Cross Section



130

Incident Energy (MeV)

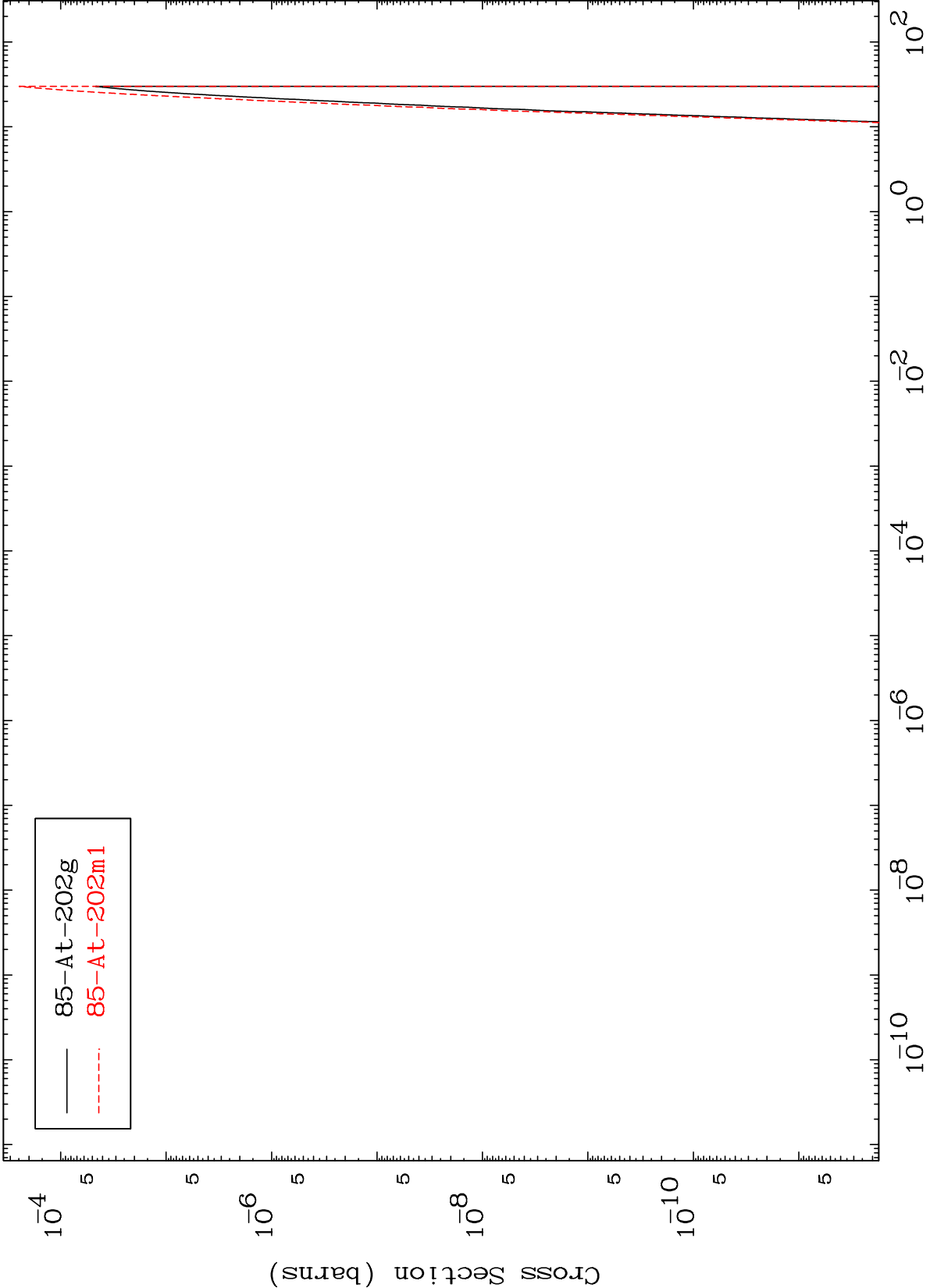
88-Ra-207

MAT 8777

(n,n') p α

88-Ra-207

Radionuclide Production Cross Section

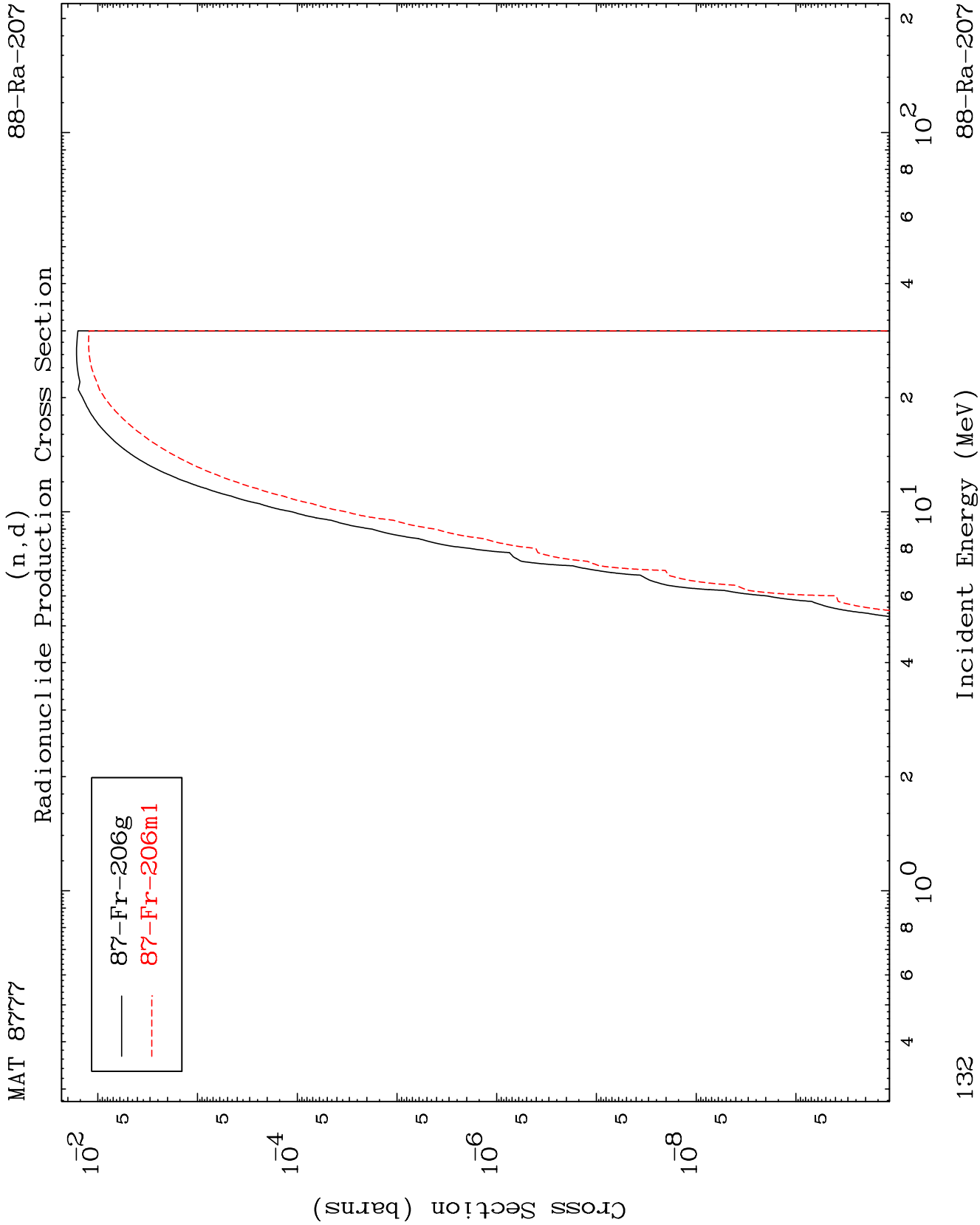


85-At-202g
85-At-202m1

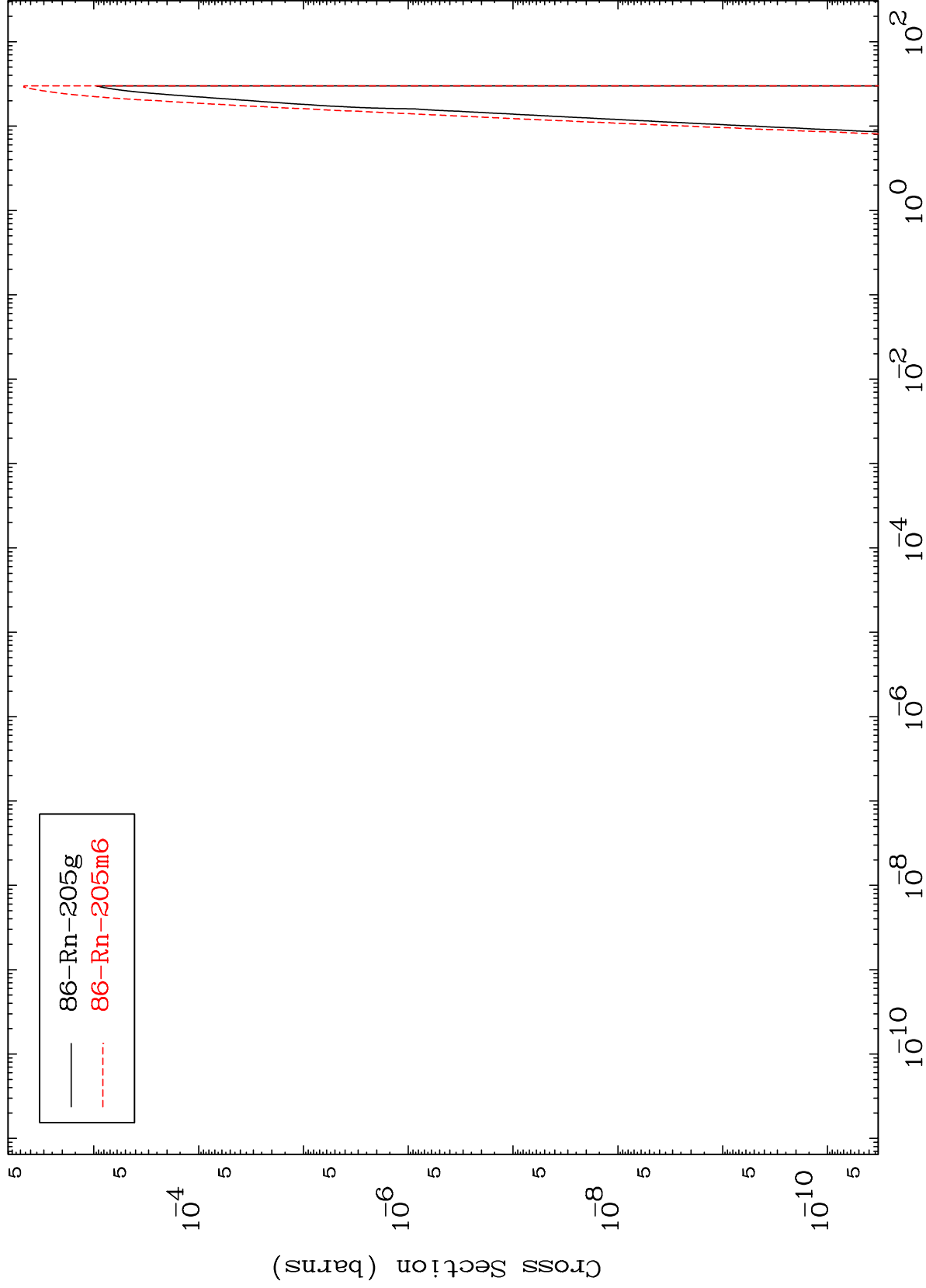
131

Incident Energy (MeV)

88-Ra-207



Radionuclide Production Cross Section
(n,He-3)



Radionuclide Production Cross Section

