

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

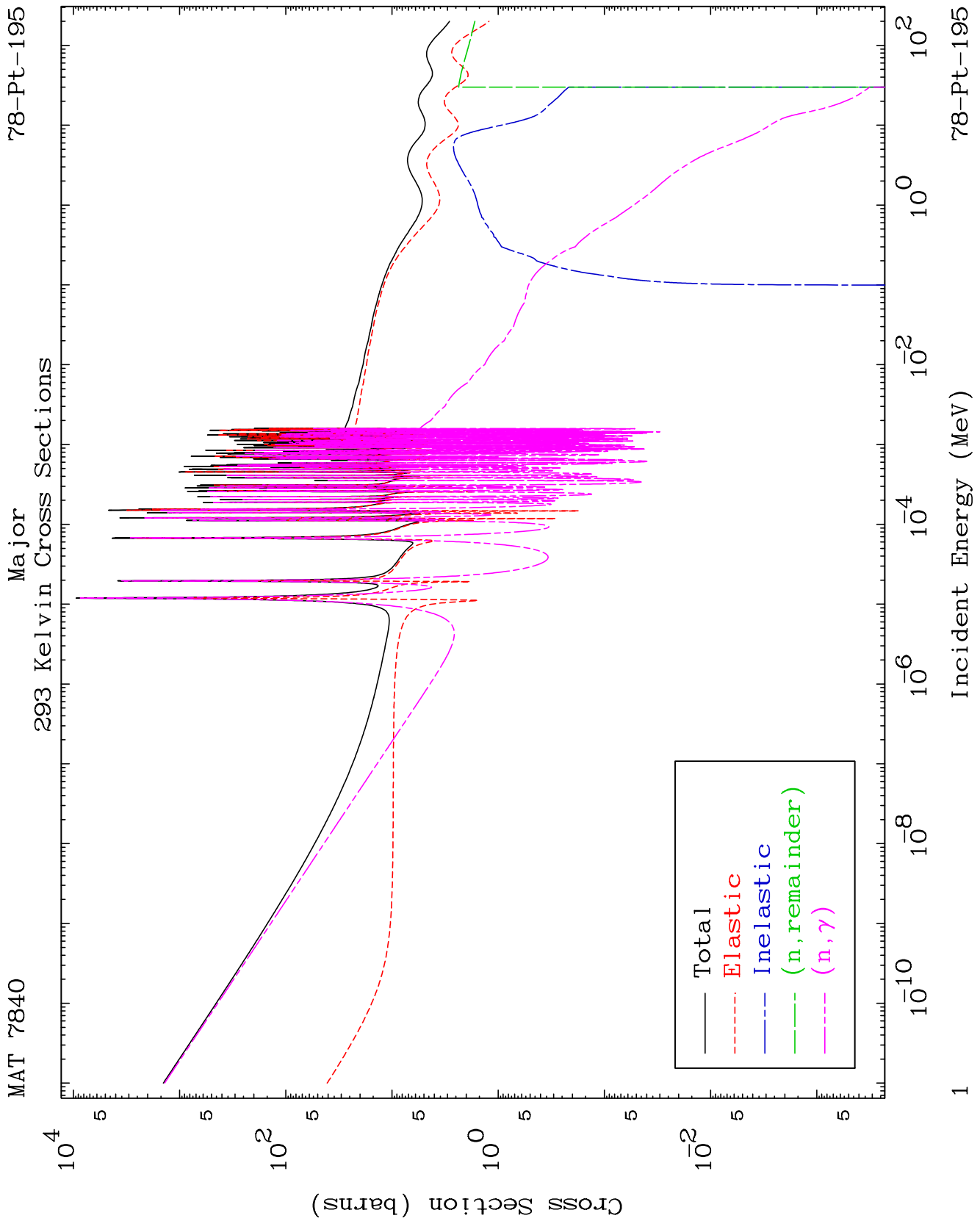
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E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

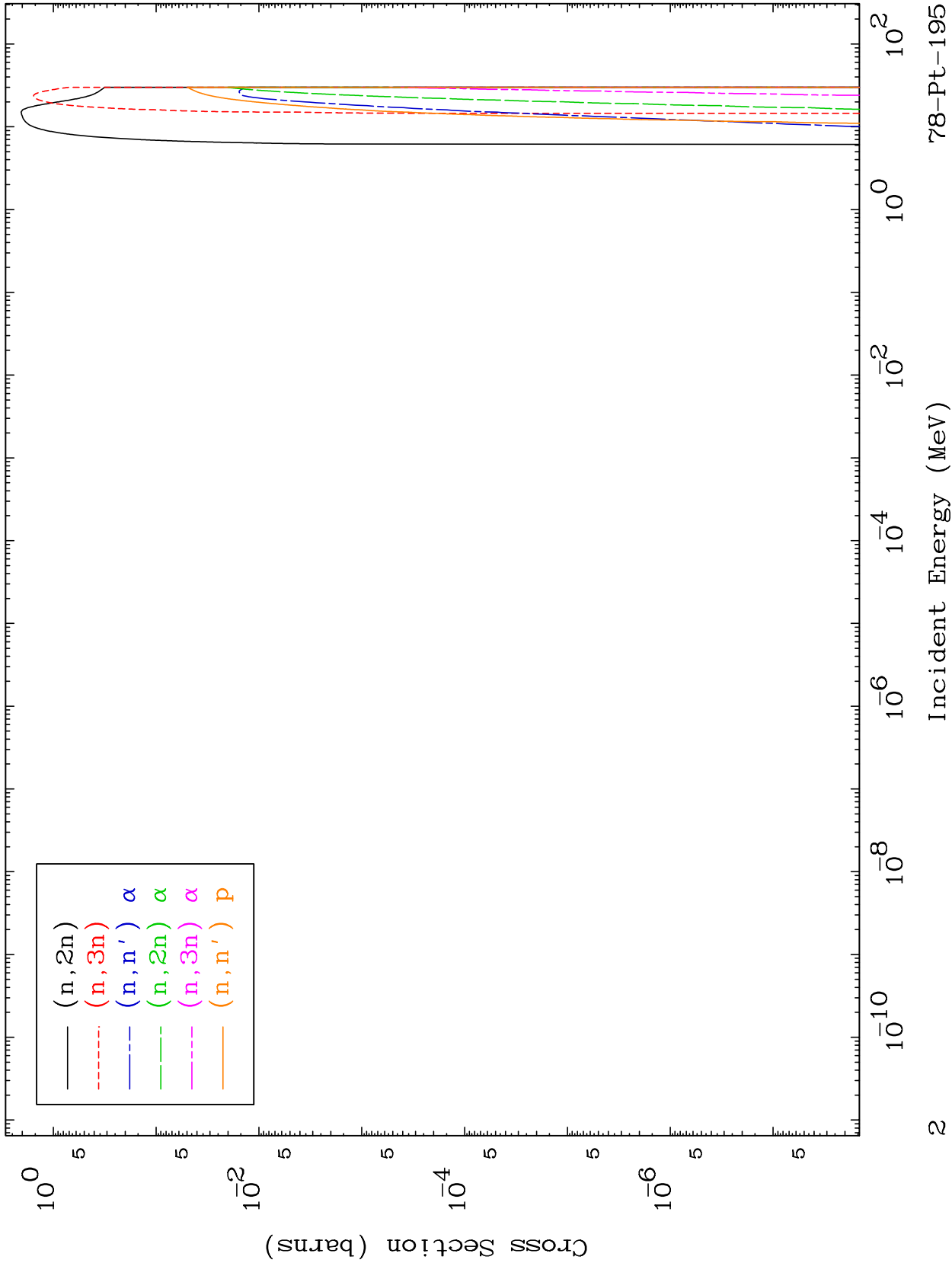
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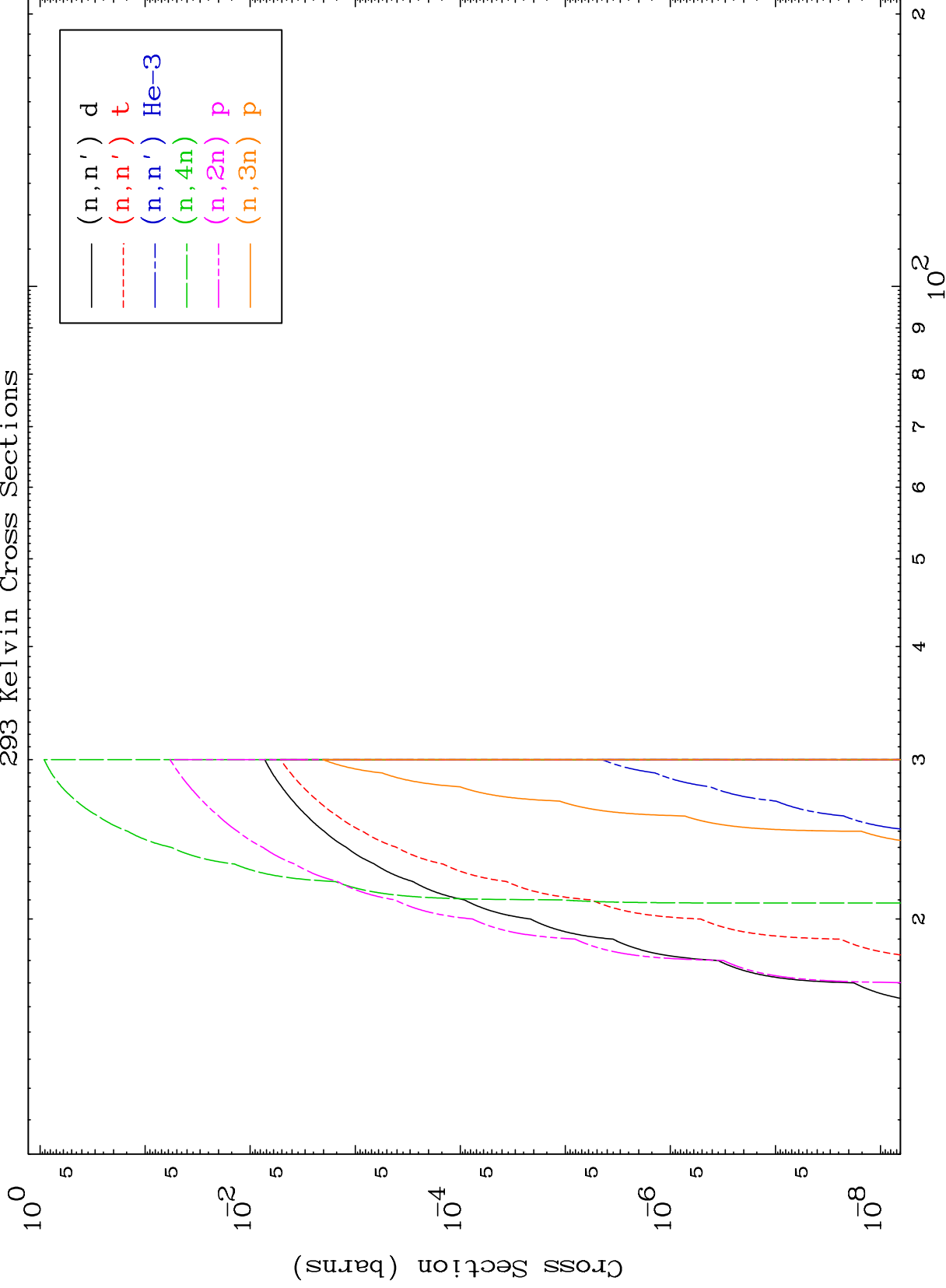


MAT 7840

Neutron Production
293 Kelvin Cross Sections

78-Pt-195

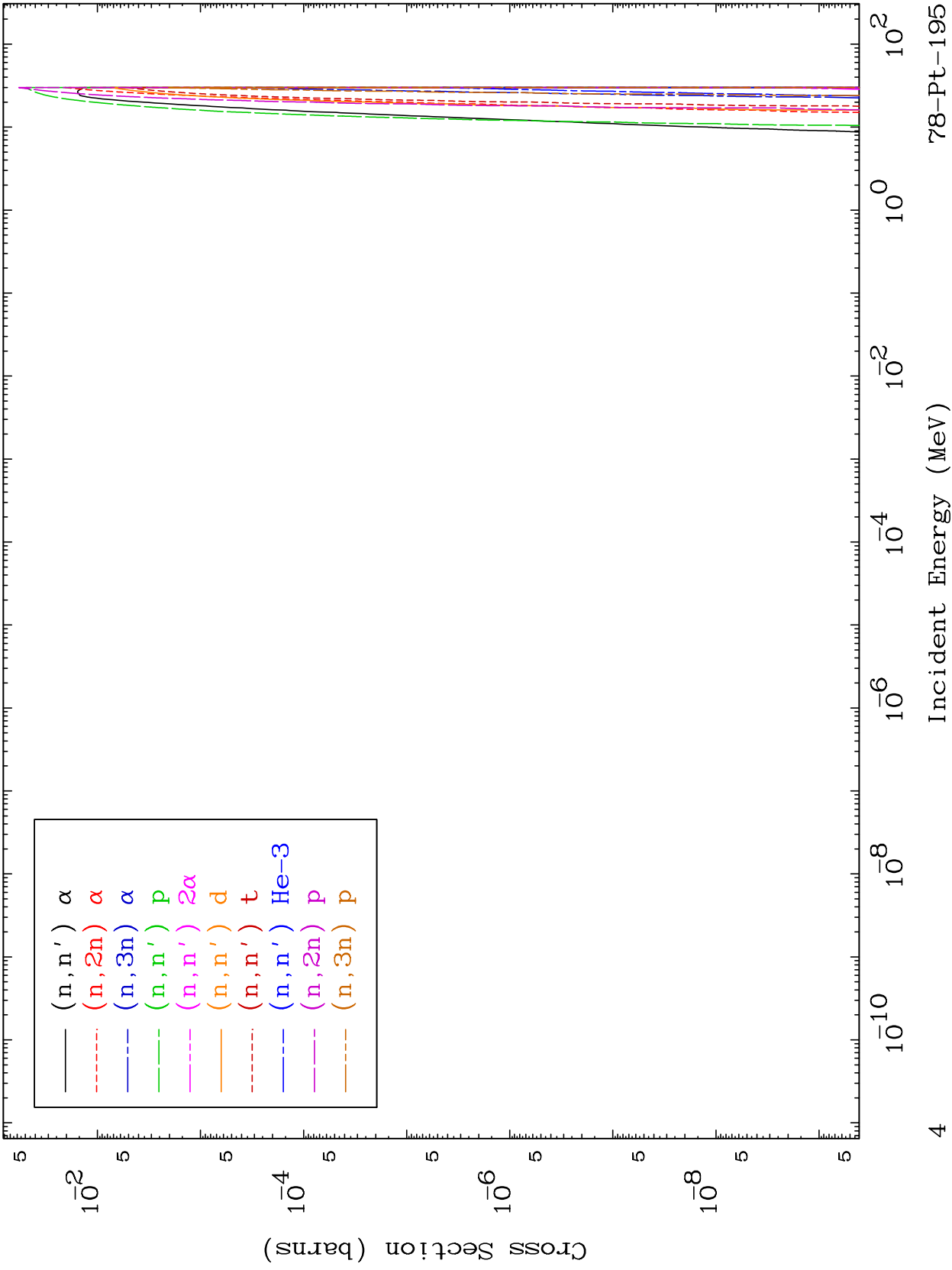




MAT 7840

Charged Particle
293 Kelvin Cross Sections

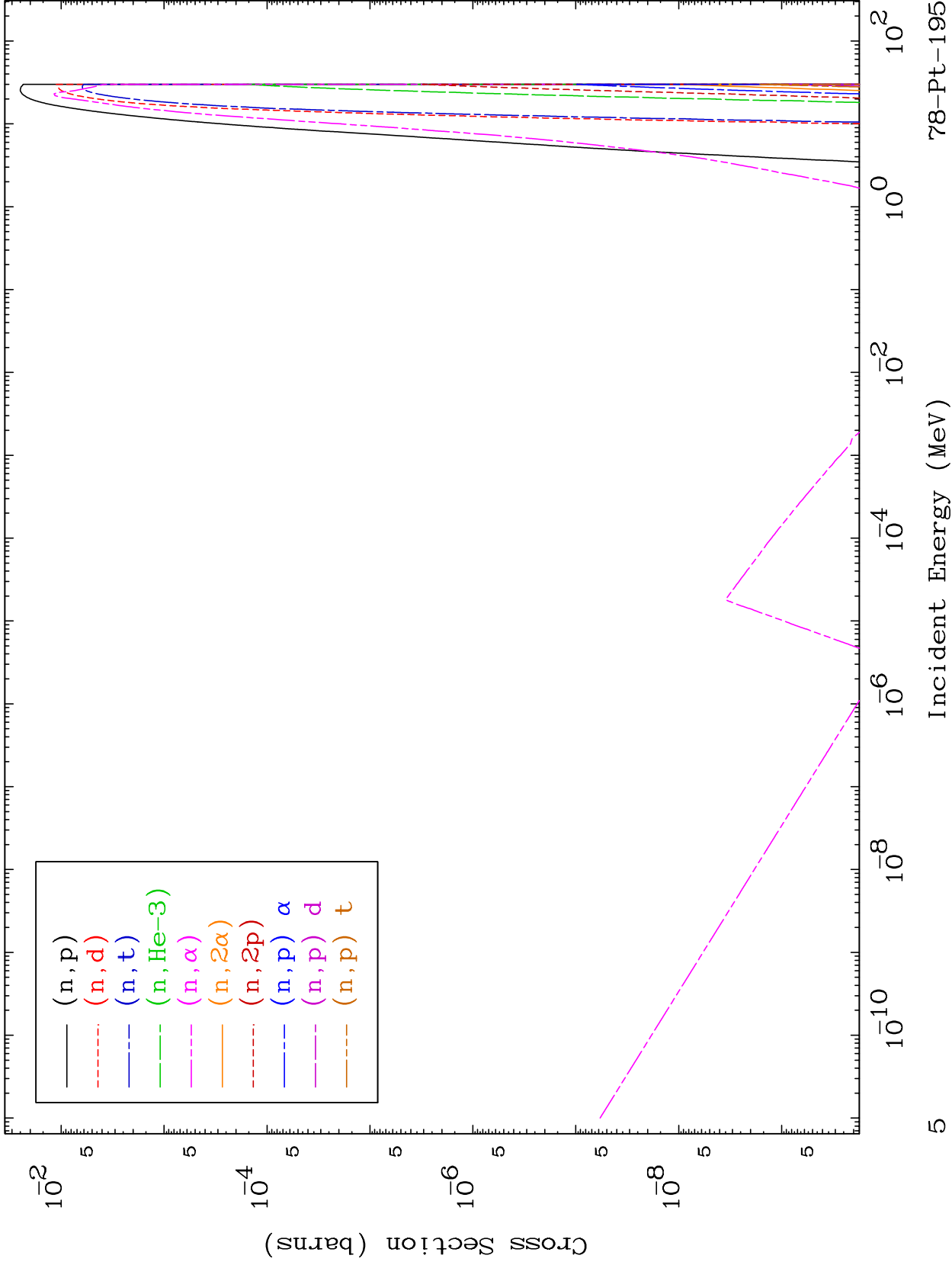
78-Pt-195



MAT 7840

Charged Particle
293 Kelvin Cross Sections

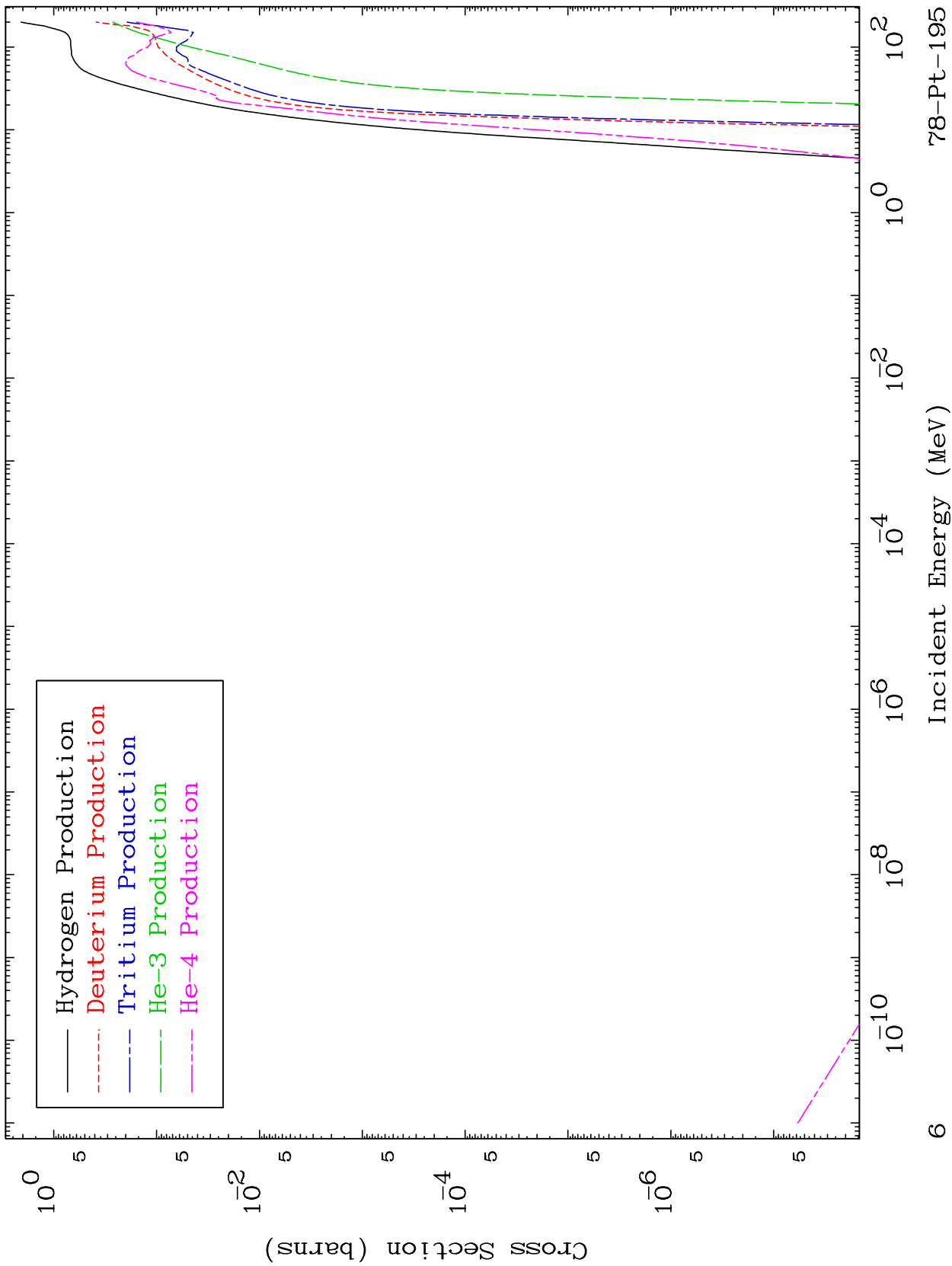
78-Pt-195



MAT 7840

Particle Production
293 Kelvin Cross Sections

78-Pt-195

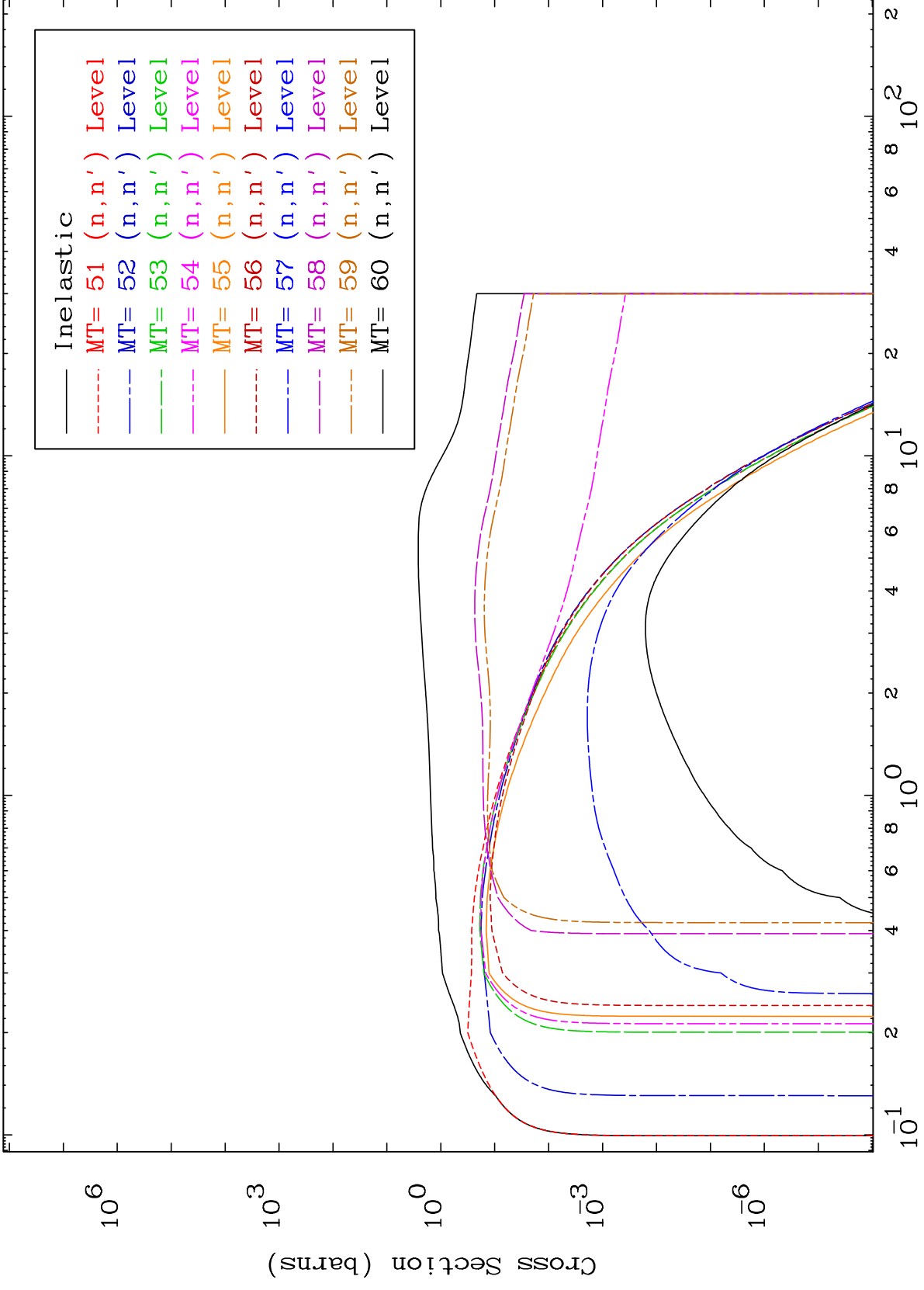


MAT 7840

(n,n') Level

78-Pt-195

293 Kelvin Cross Sections



Incident Energy (MeV)

78-Pt-195

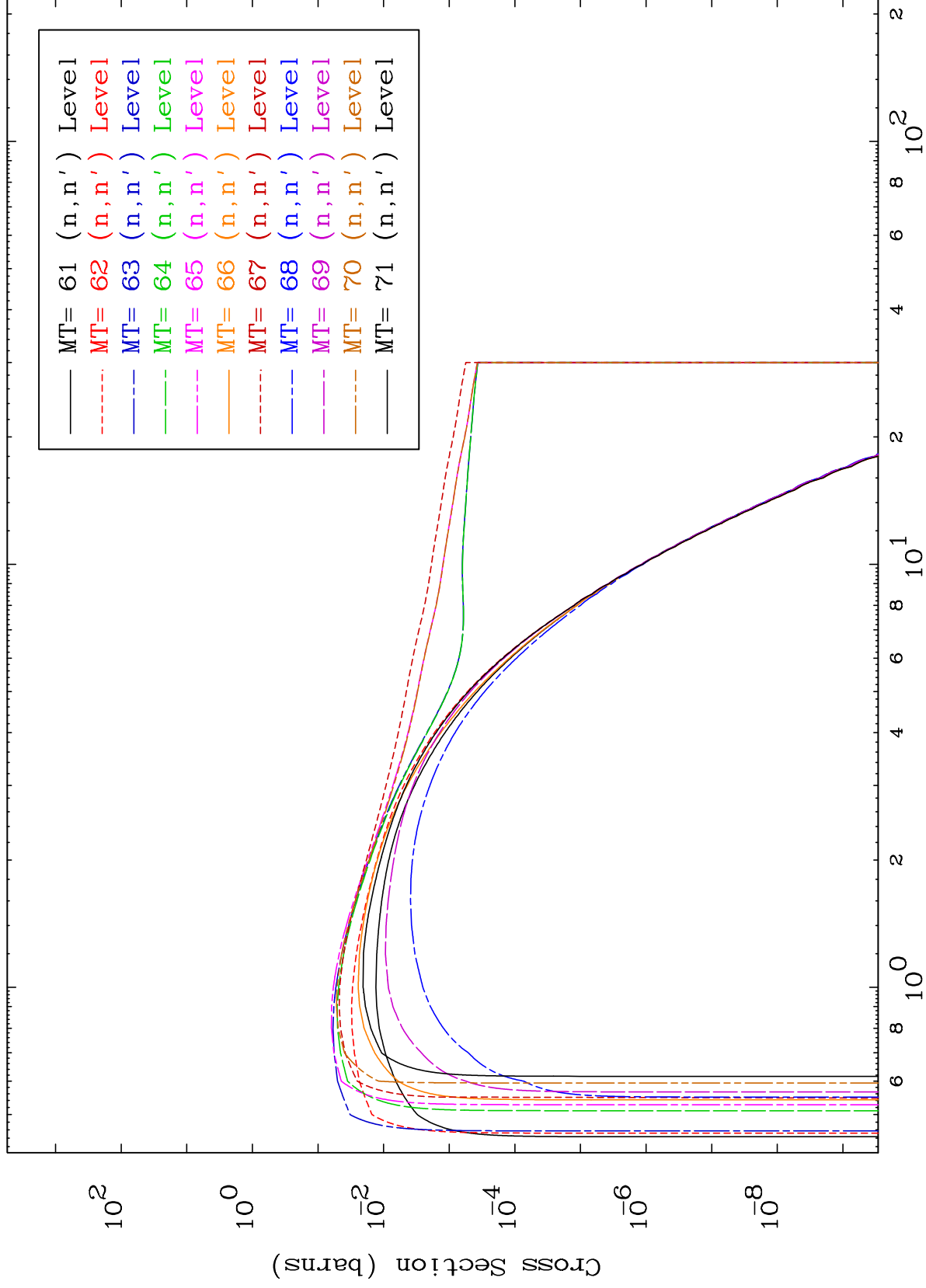
7

MAT 7840

(n,n') Level

293 Kelvin Cross Sections

78-Pt-195



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Incident Energy (MeV)

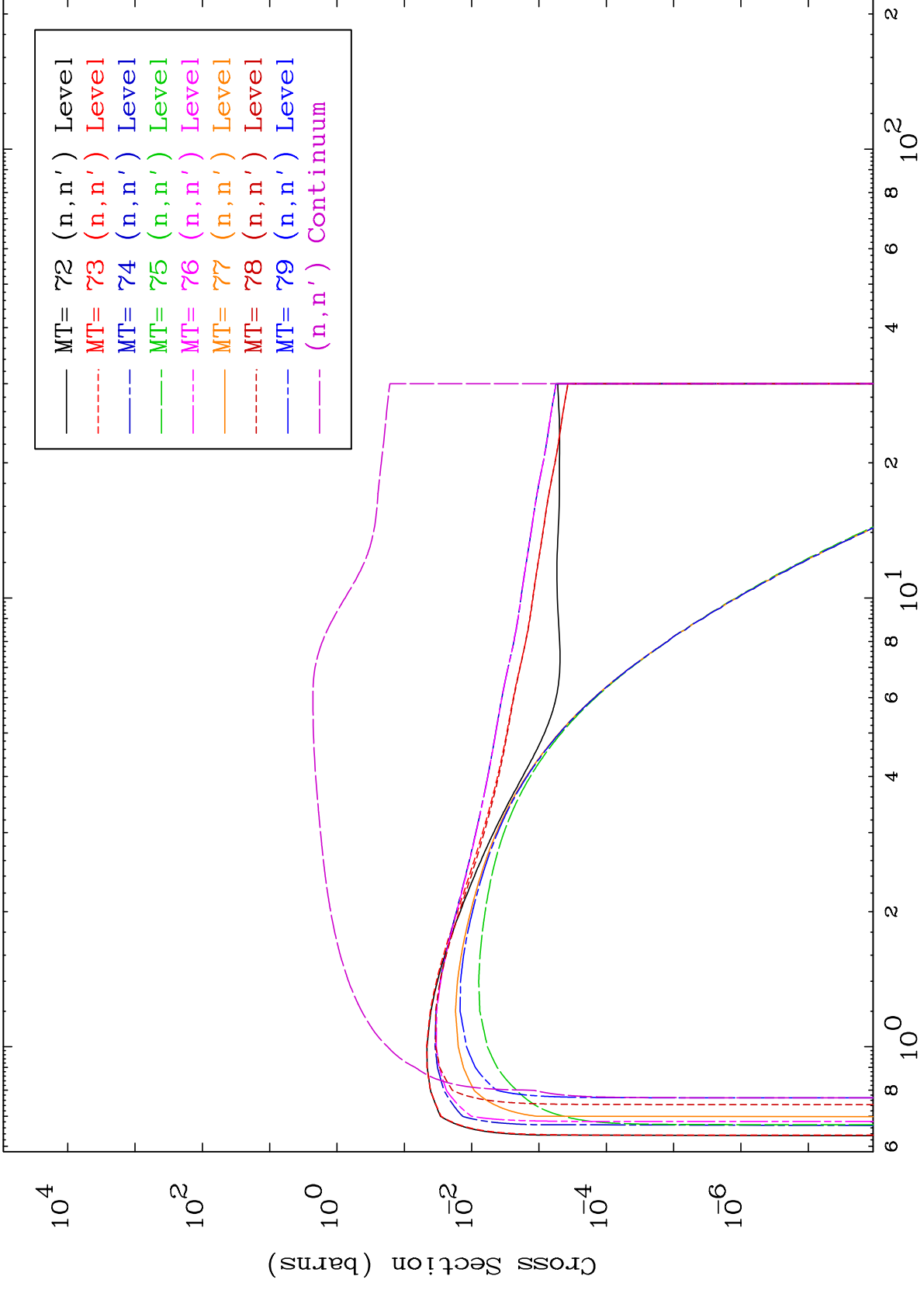
78-Pt-195

MAT 7840

(n,n') Level

78-Pt-195

293 Kelvin Cross Sections



9

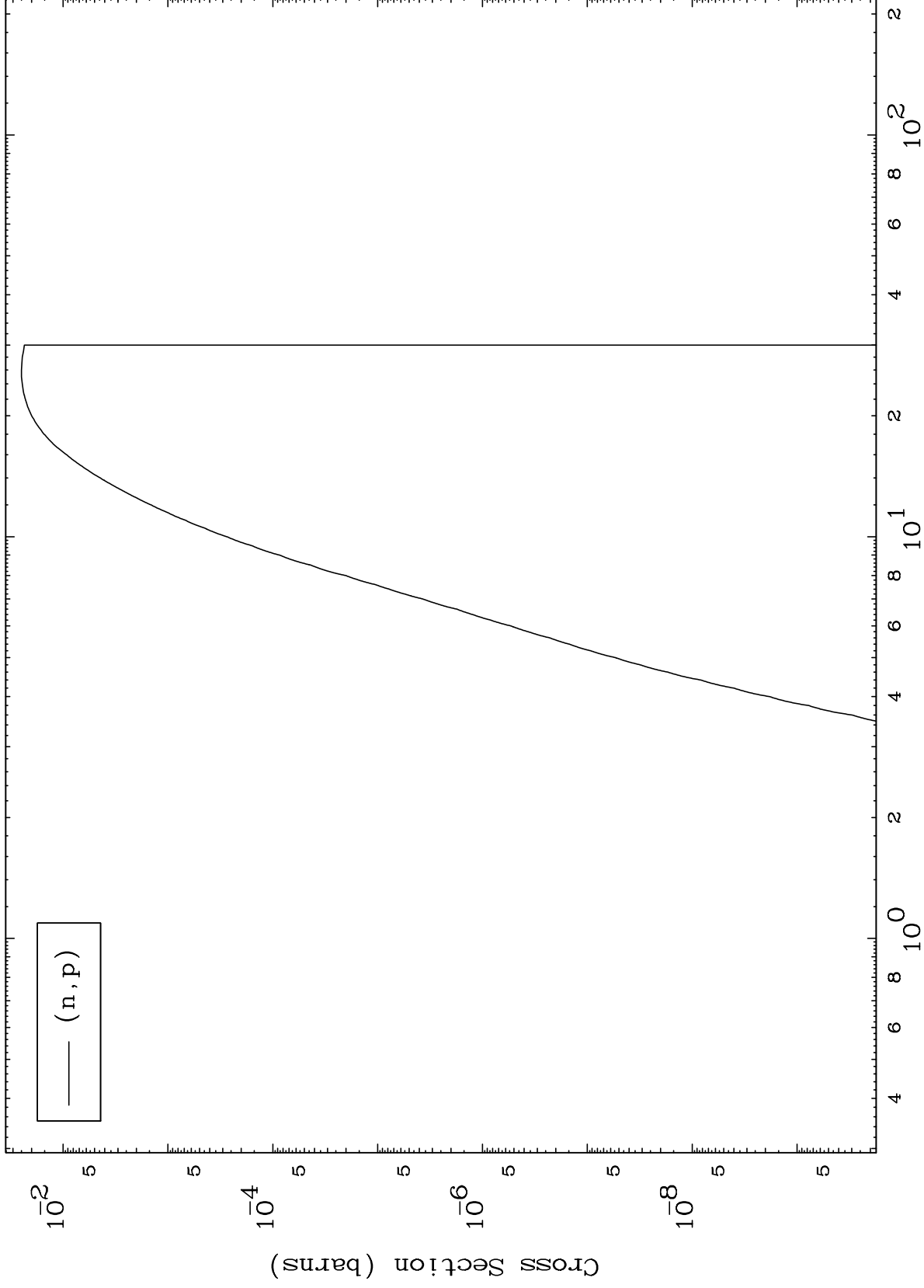
Incident Energy (MeV)

78-Pt-195

MAT 7840

(n,p) Levels
293 Kelvin Cross Sections

78-Pt-195



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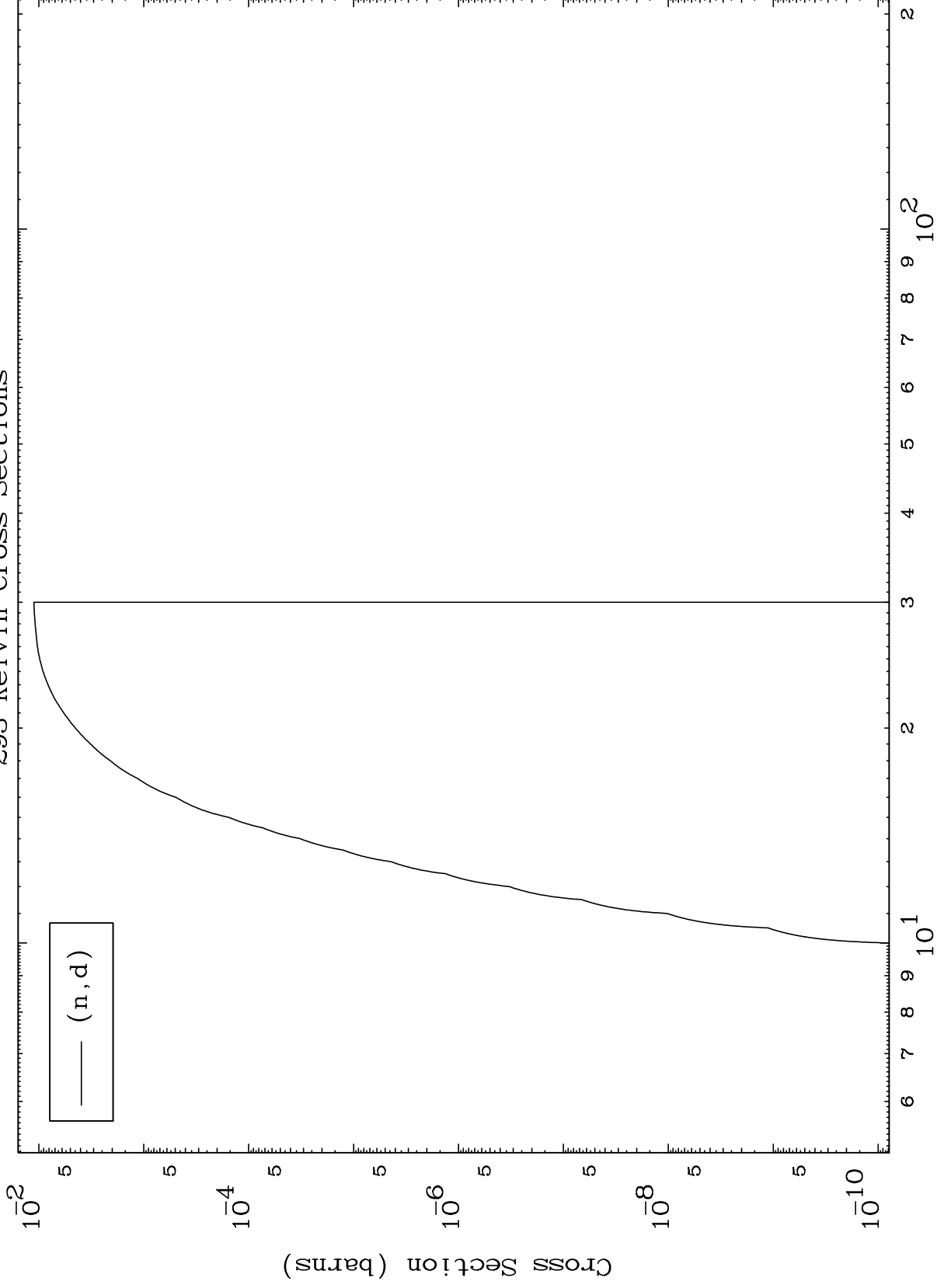
Incident Energy (MeV)

78-Pt-195

MAT 7840

(n,d) Levels
293 Kelvin Cross Sections

78-Pt-195



11

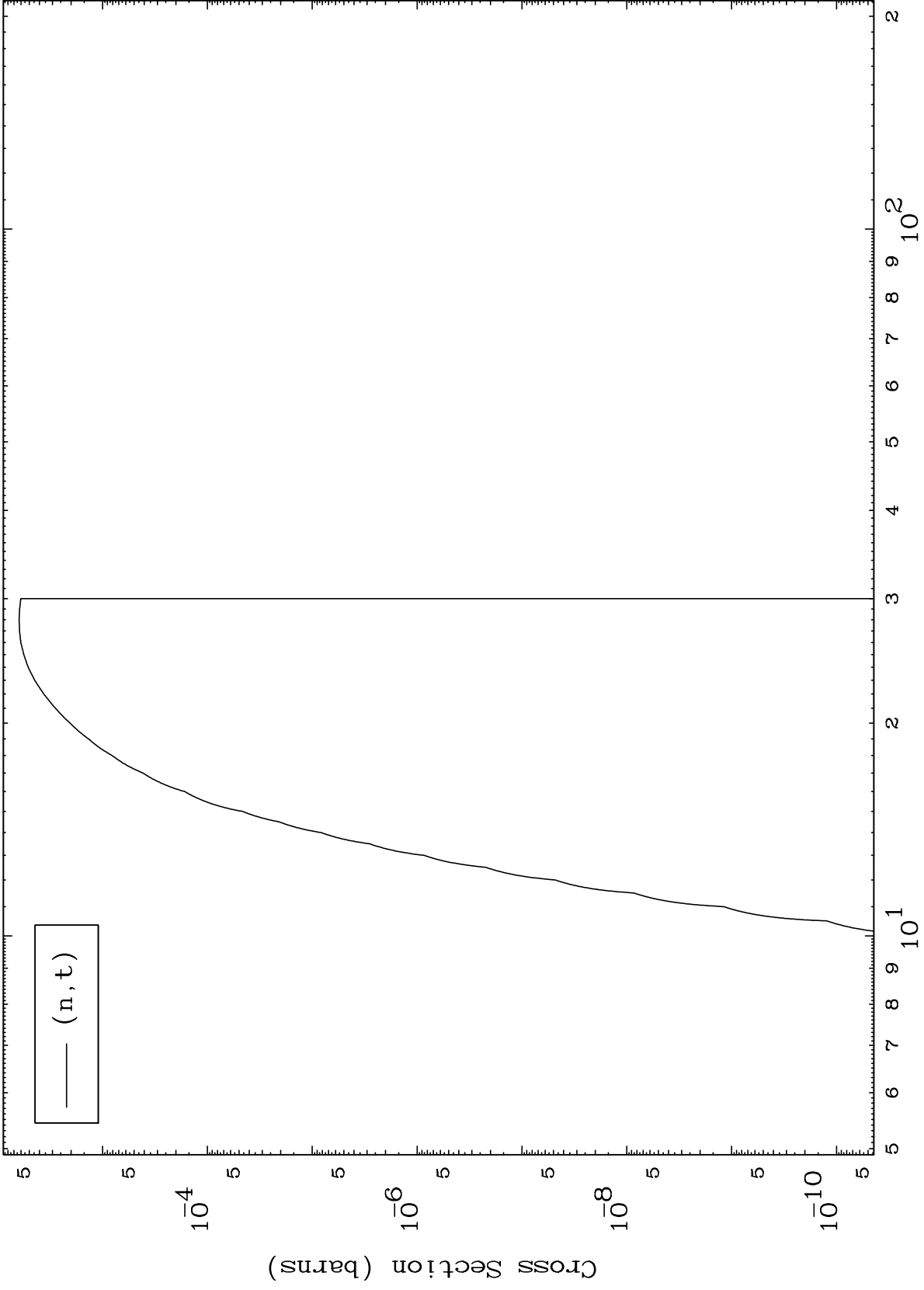
Incident Energy (MeV)

78-Pt-195

MAT 7840

(n,t) Levels
293 Kelvin Cross Sections

78-Pt-195



12

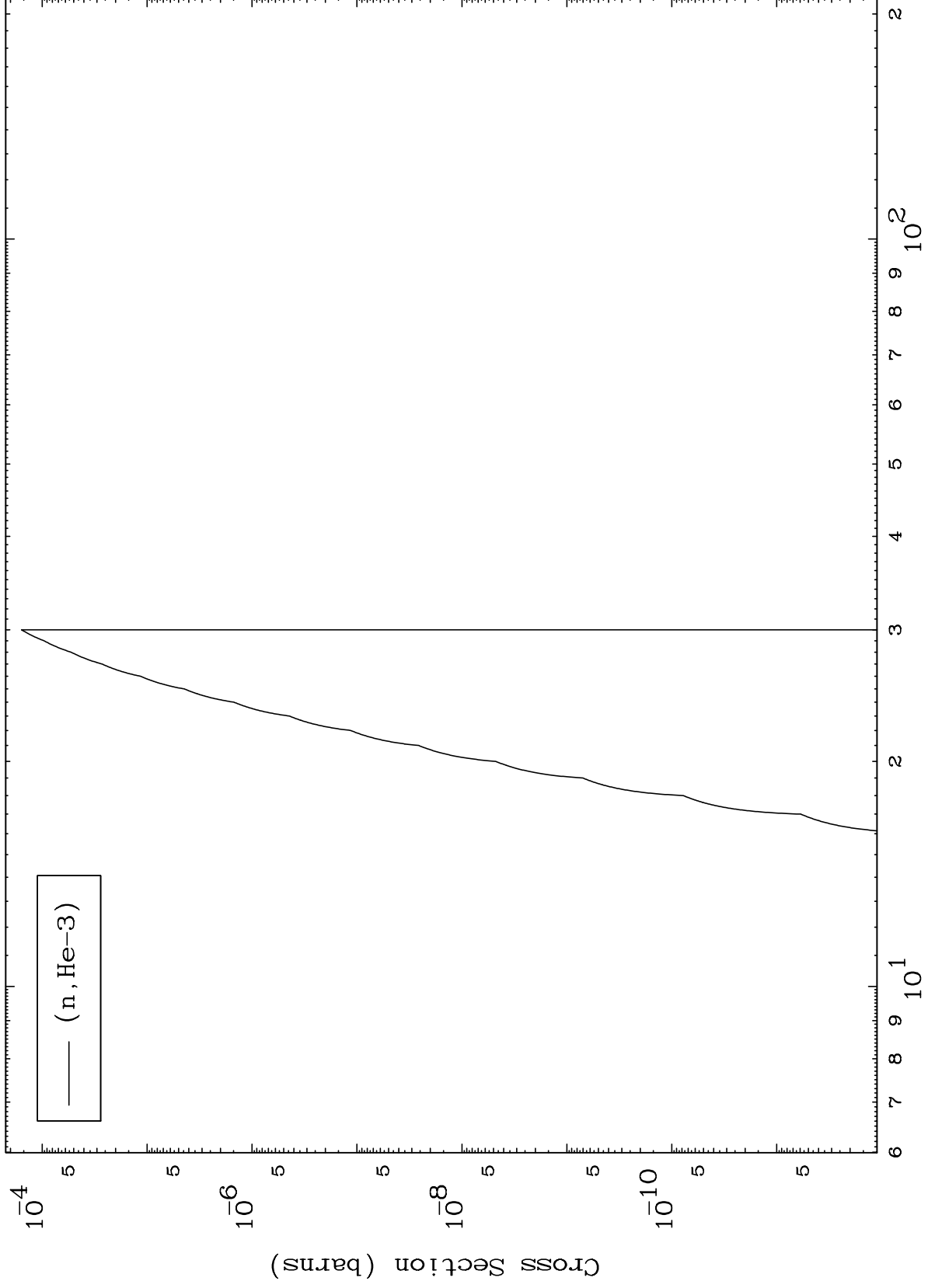
Incident Energy (MeV)

78-Pt-195

MAT 7840

(n,He3) Levels
293 Kelvin Cross Sections

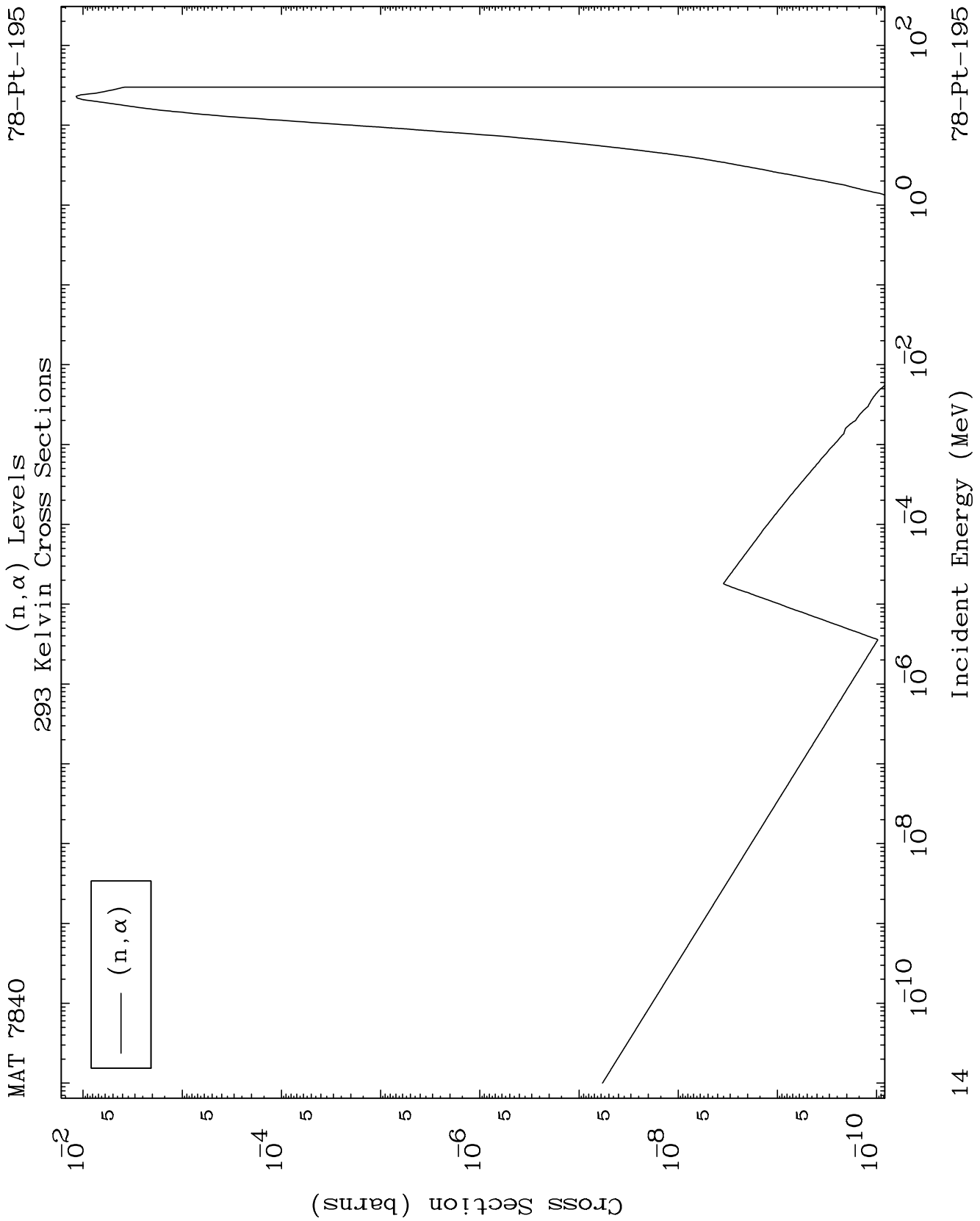
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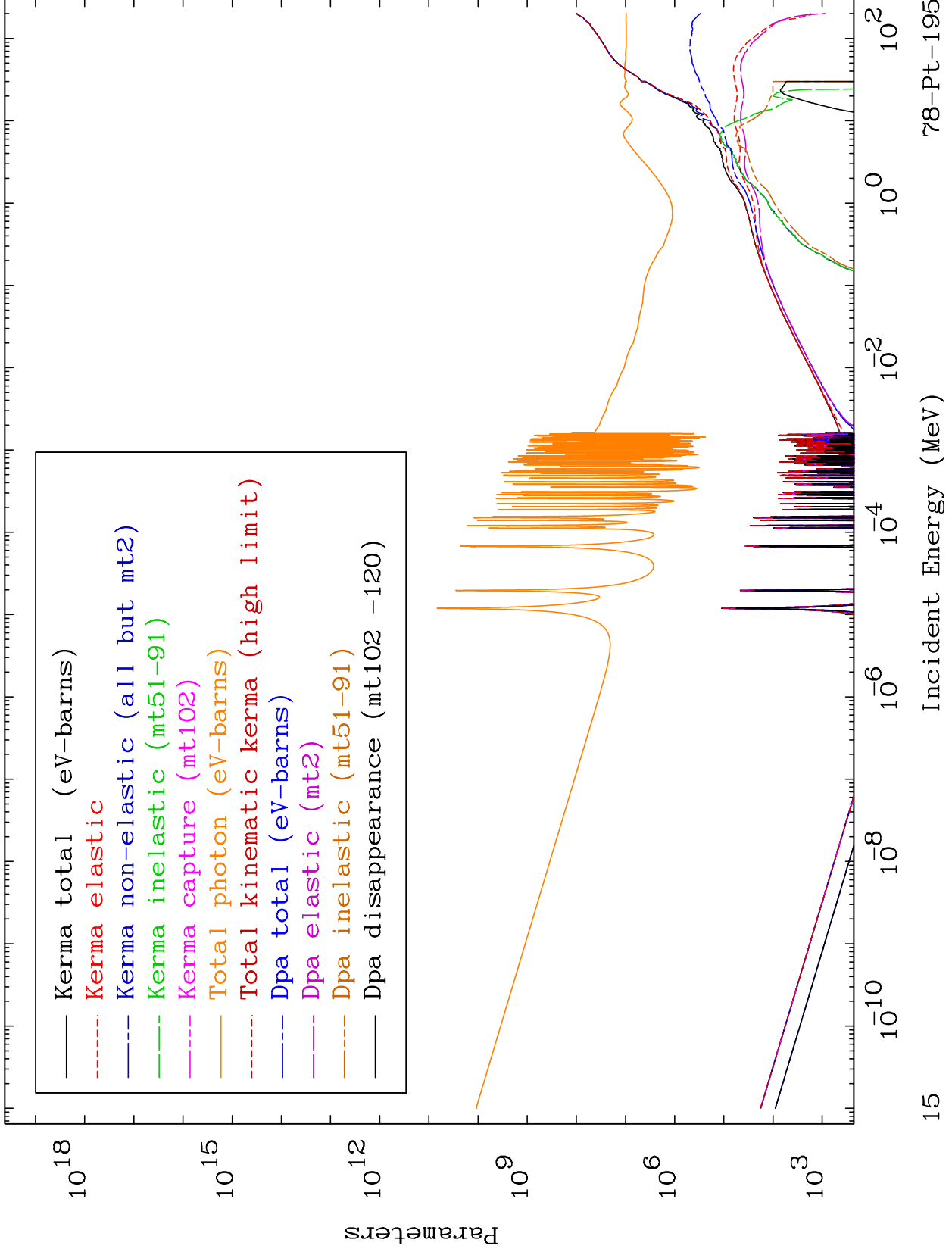


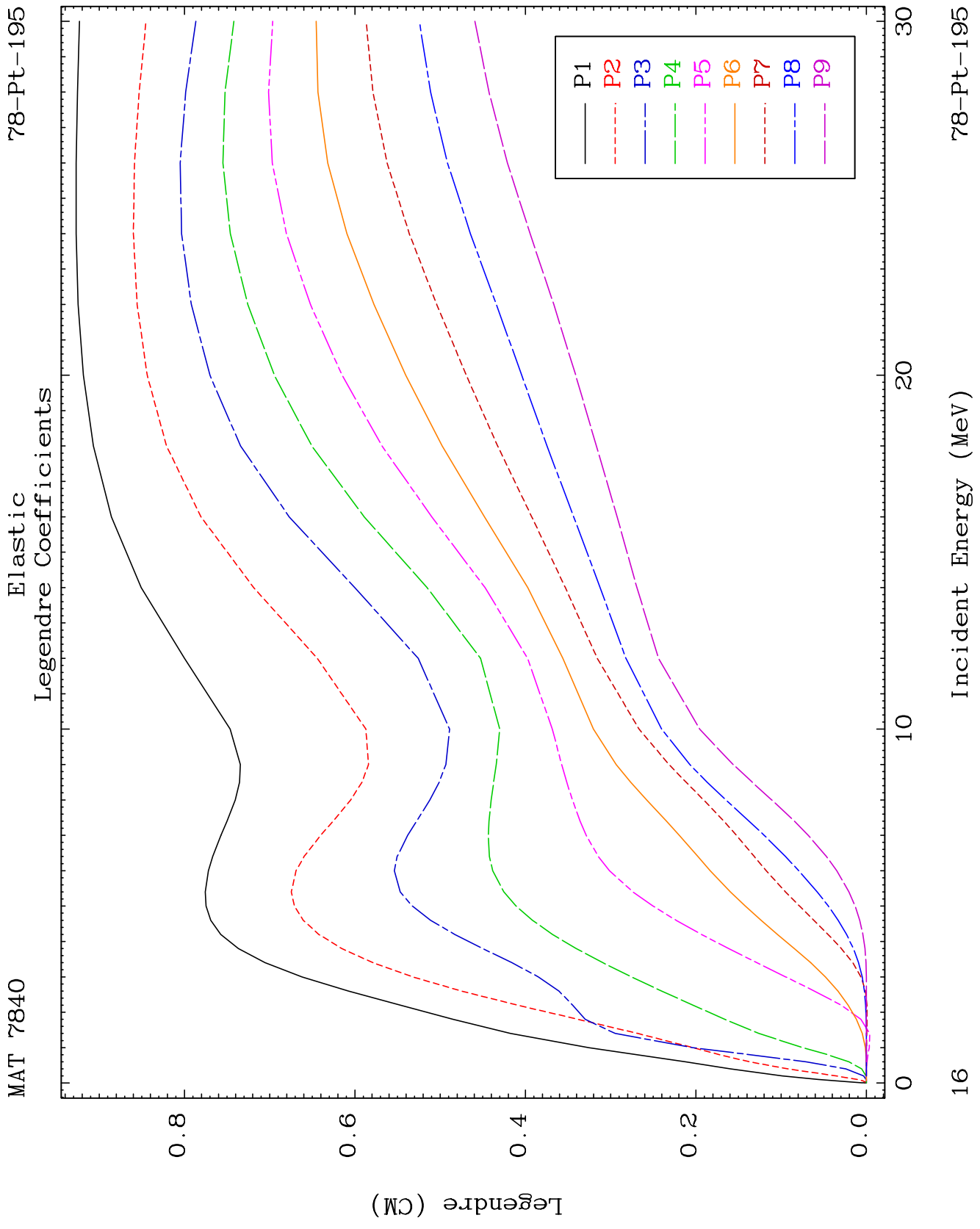
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Incident Energy (MeV)

78-Pt-195



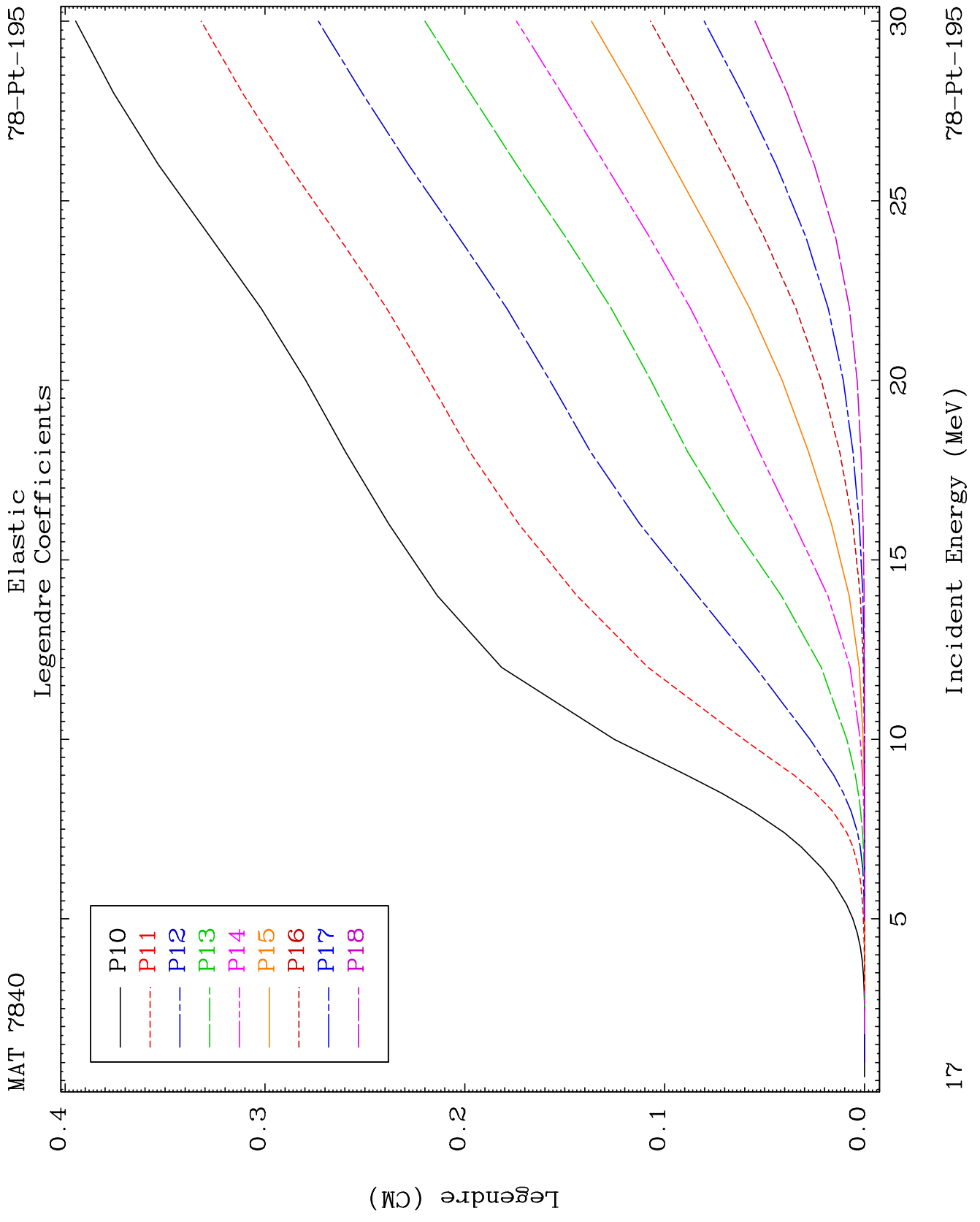




78-Pt-195

Incident Energy (MeV)

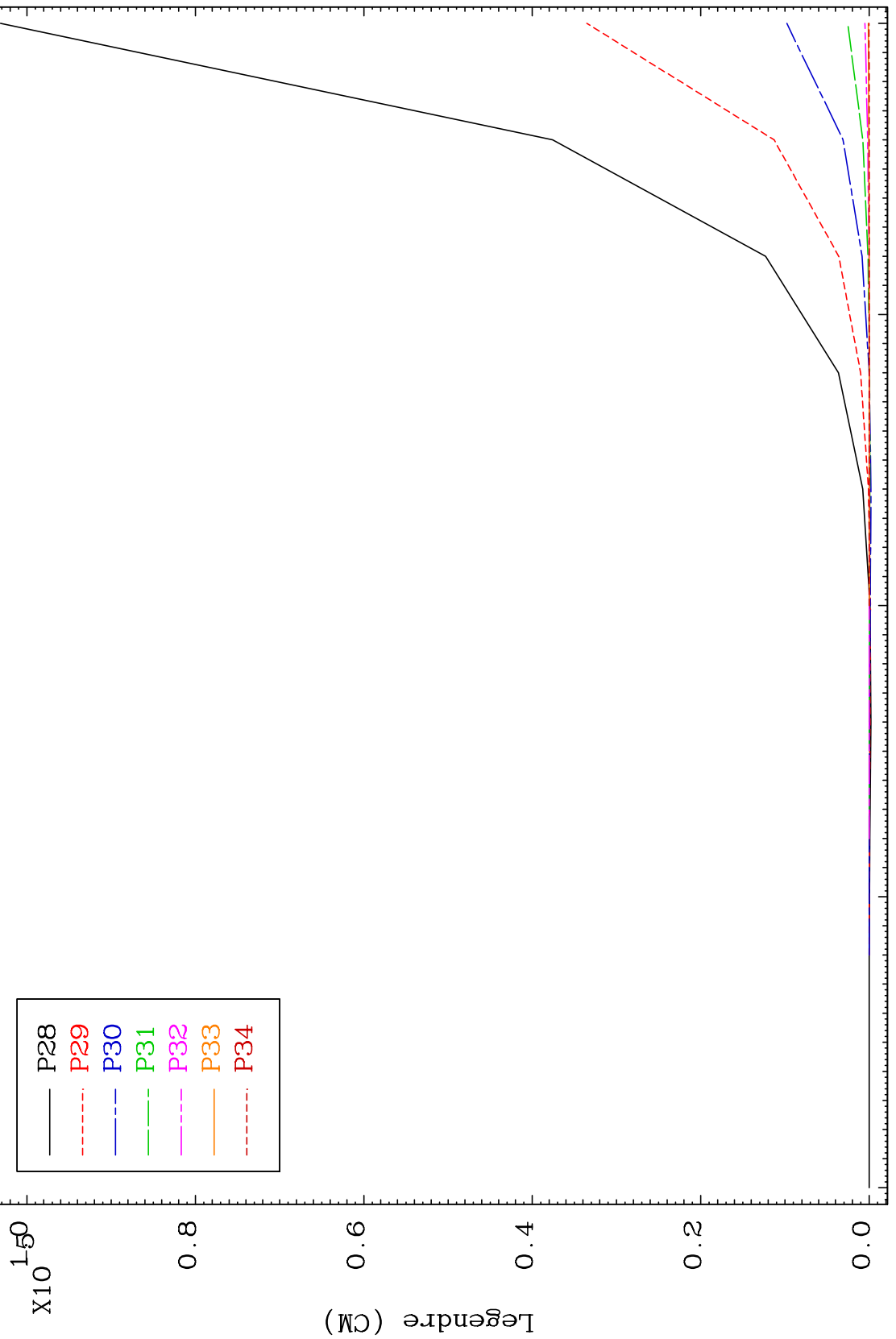
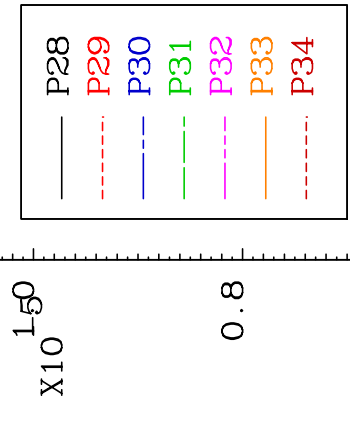
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MAT 7840

Elastic Legendre Coefficients

78-Pt-195



78-Pt-195

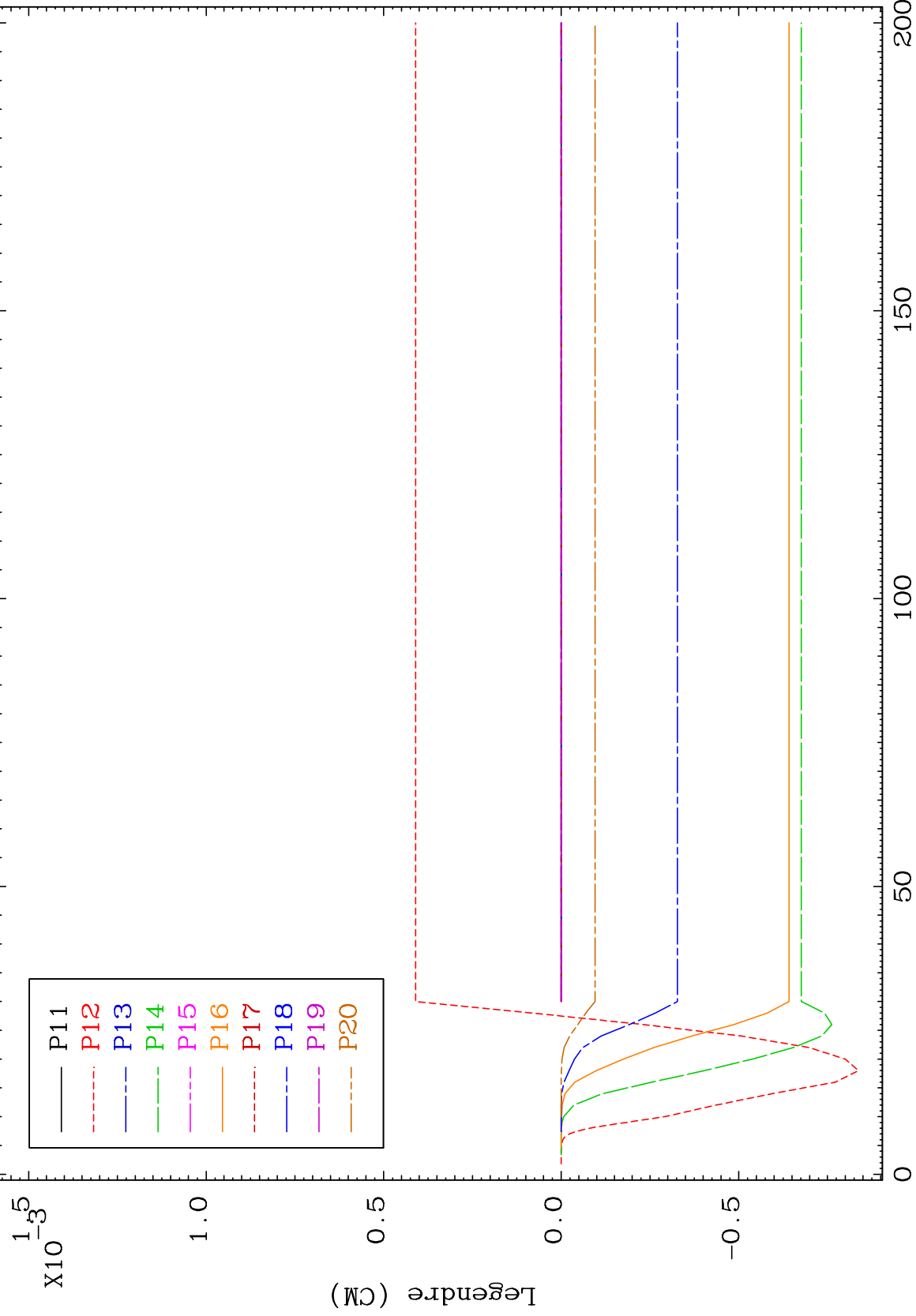
Incident Energy (MeV)

19

MAT 7840

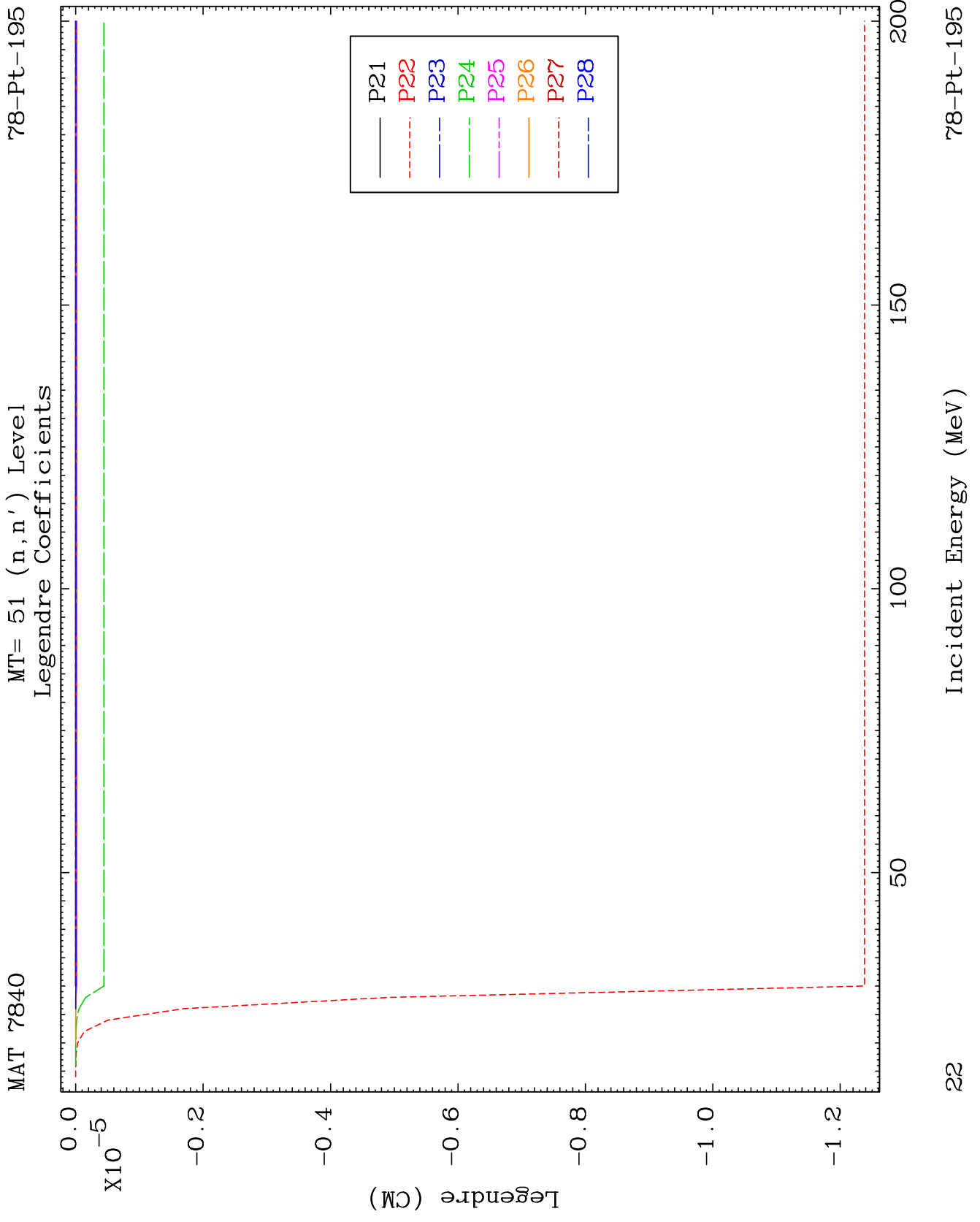
MT= 51 (n,n') Level
Legendre Coefficients

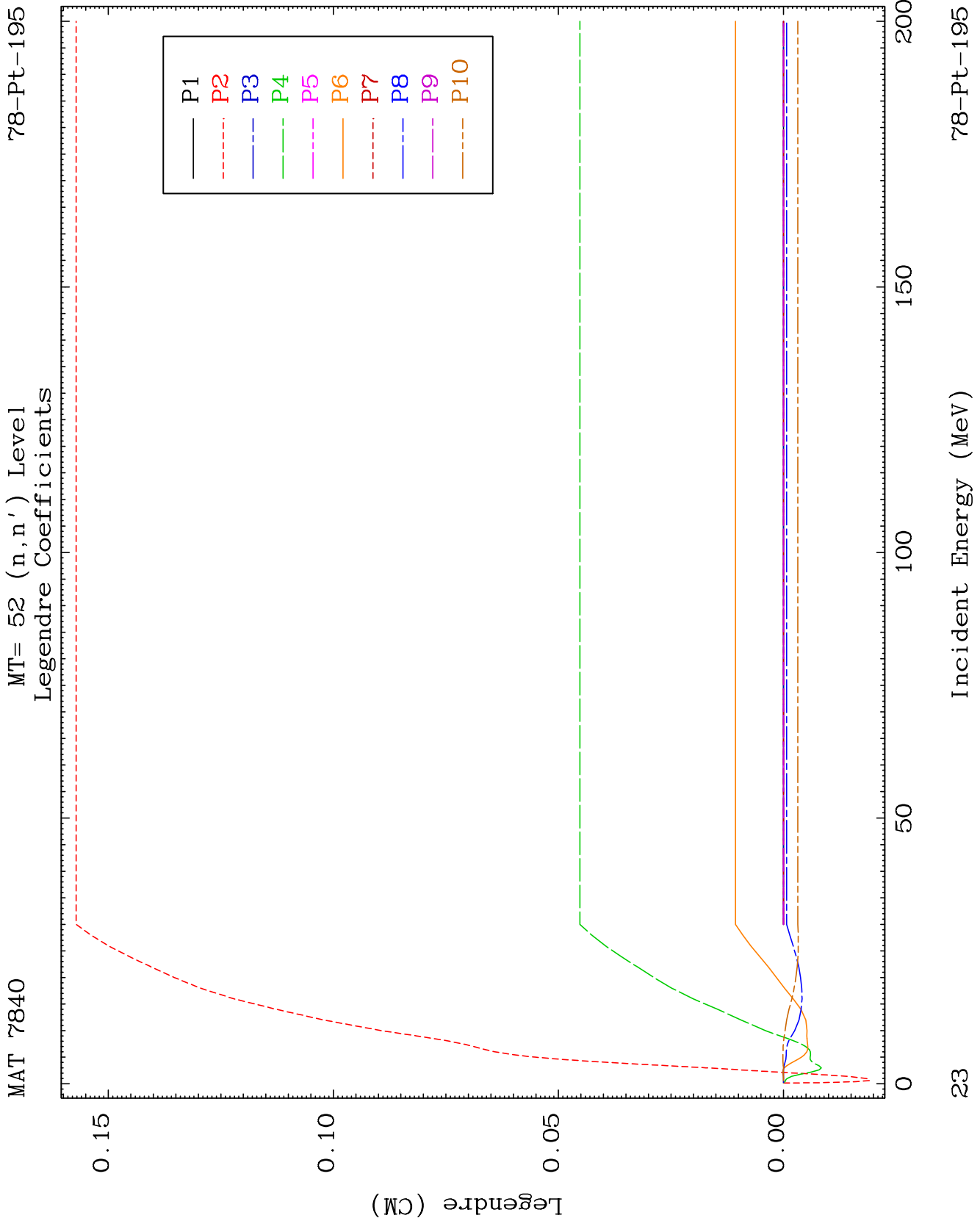
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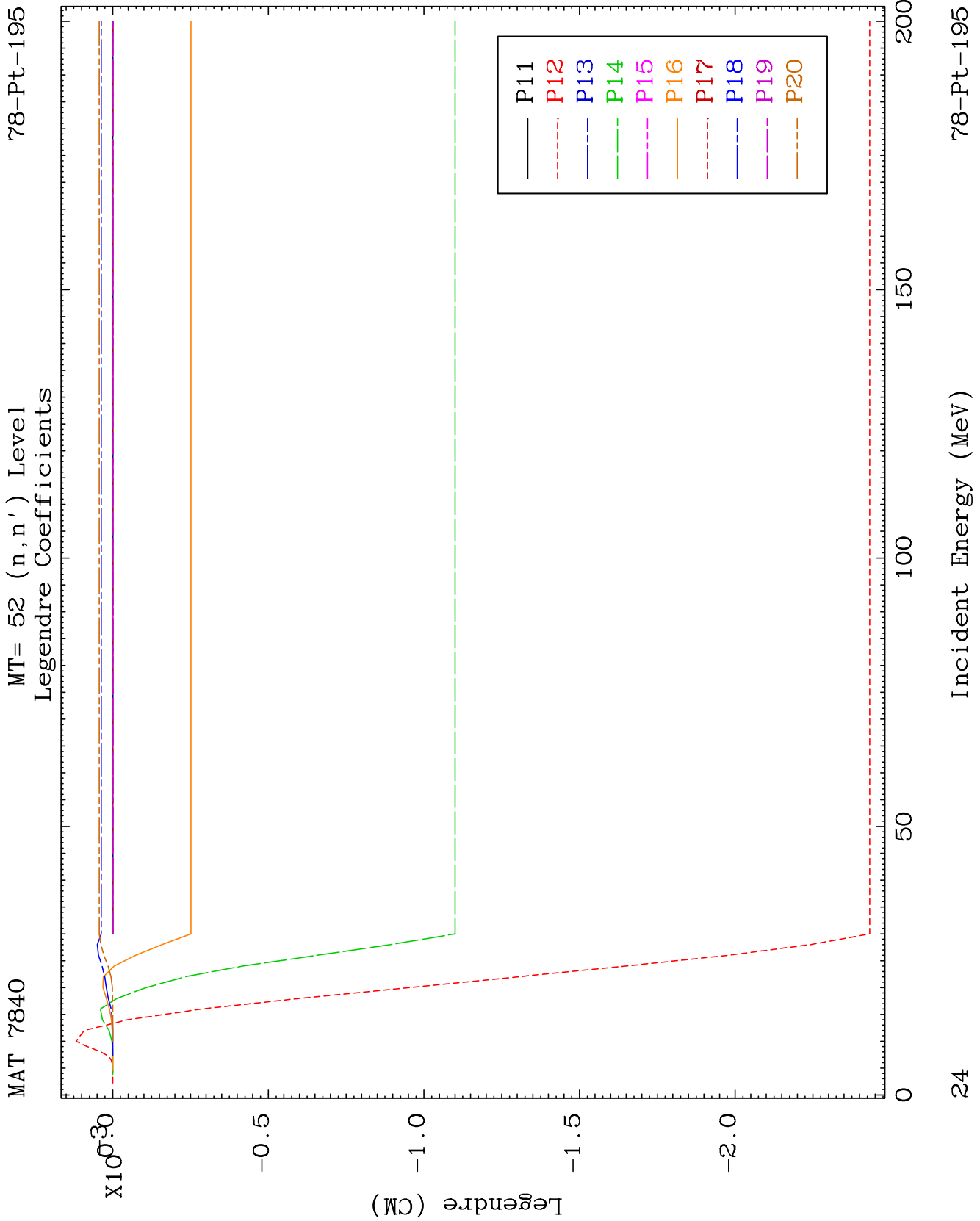


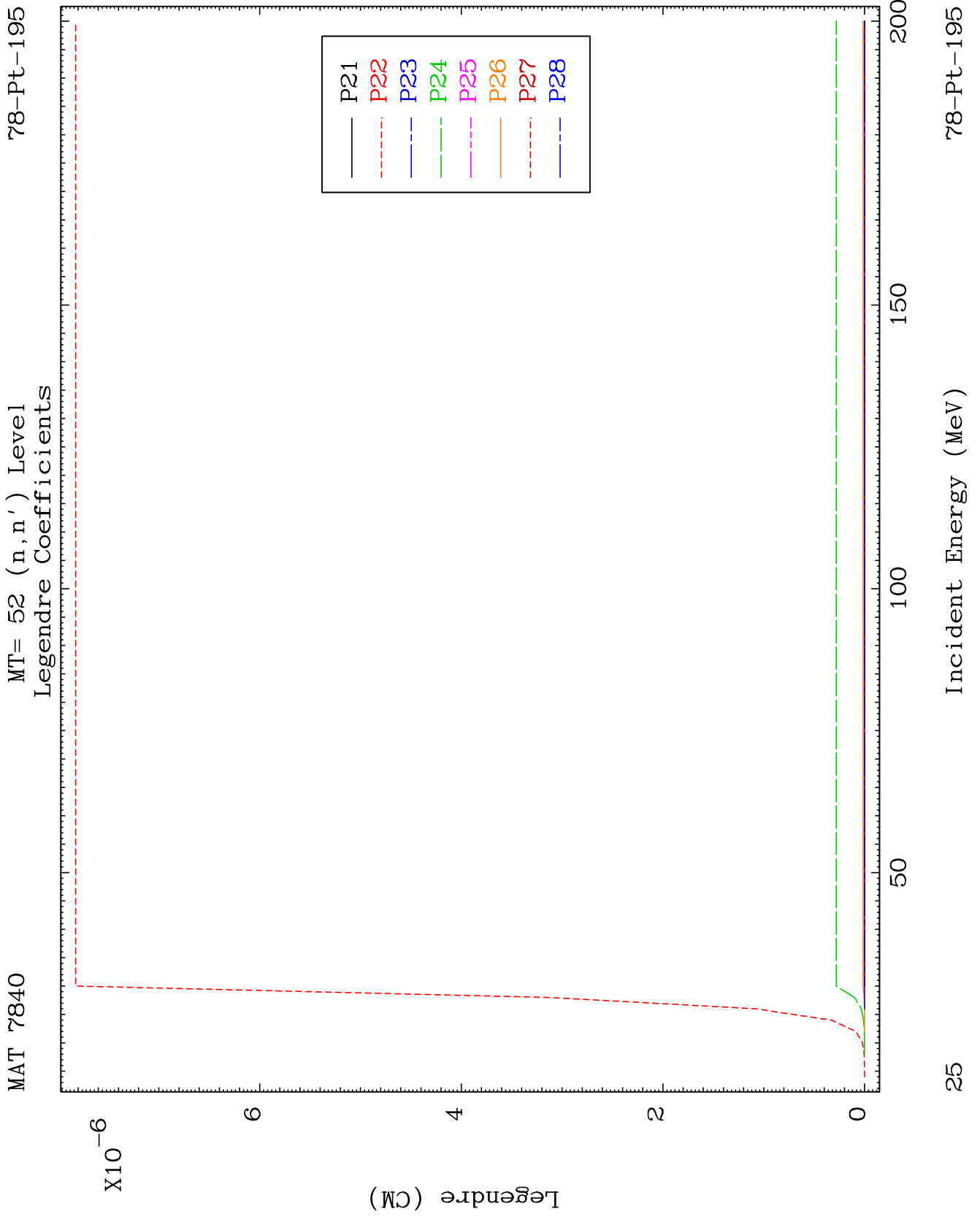
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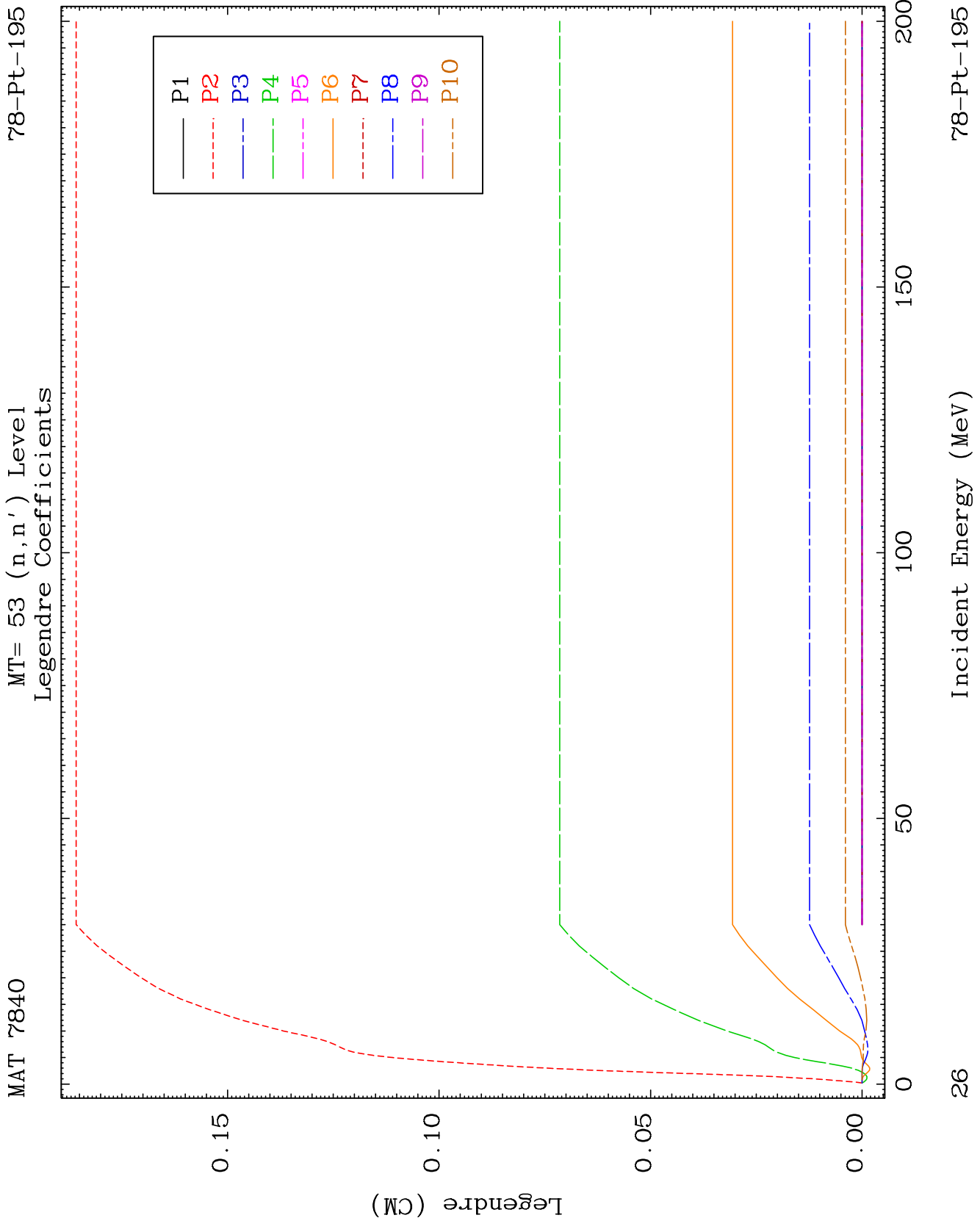
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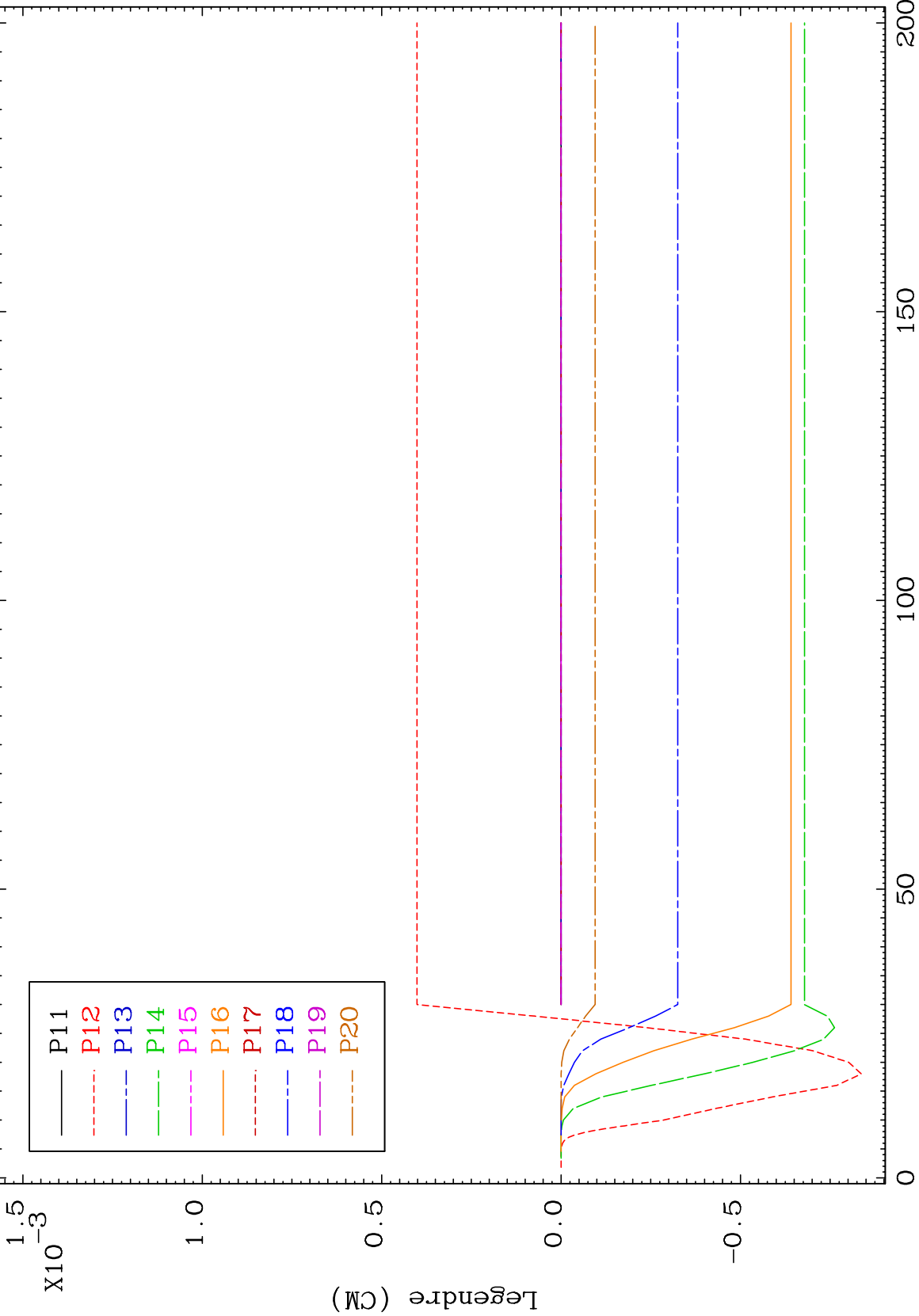




MAT 7840

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

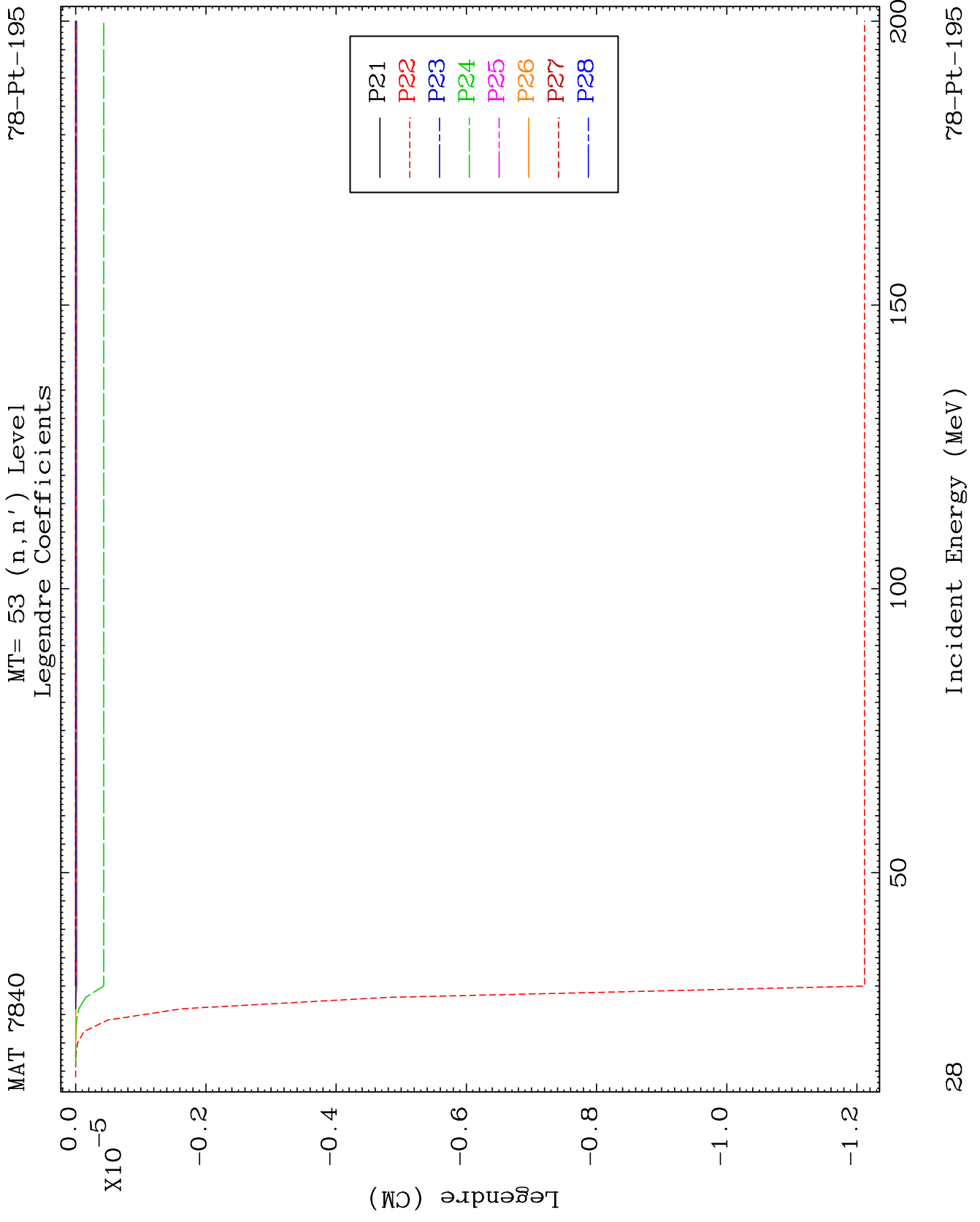
78-Pt-195



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Incident Energy (MeV)

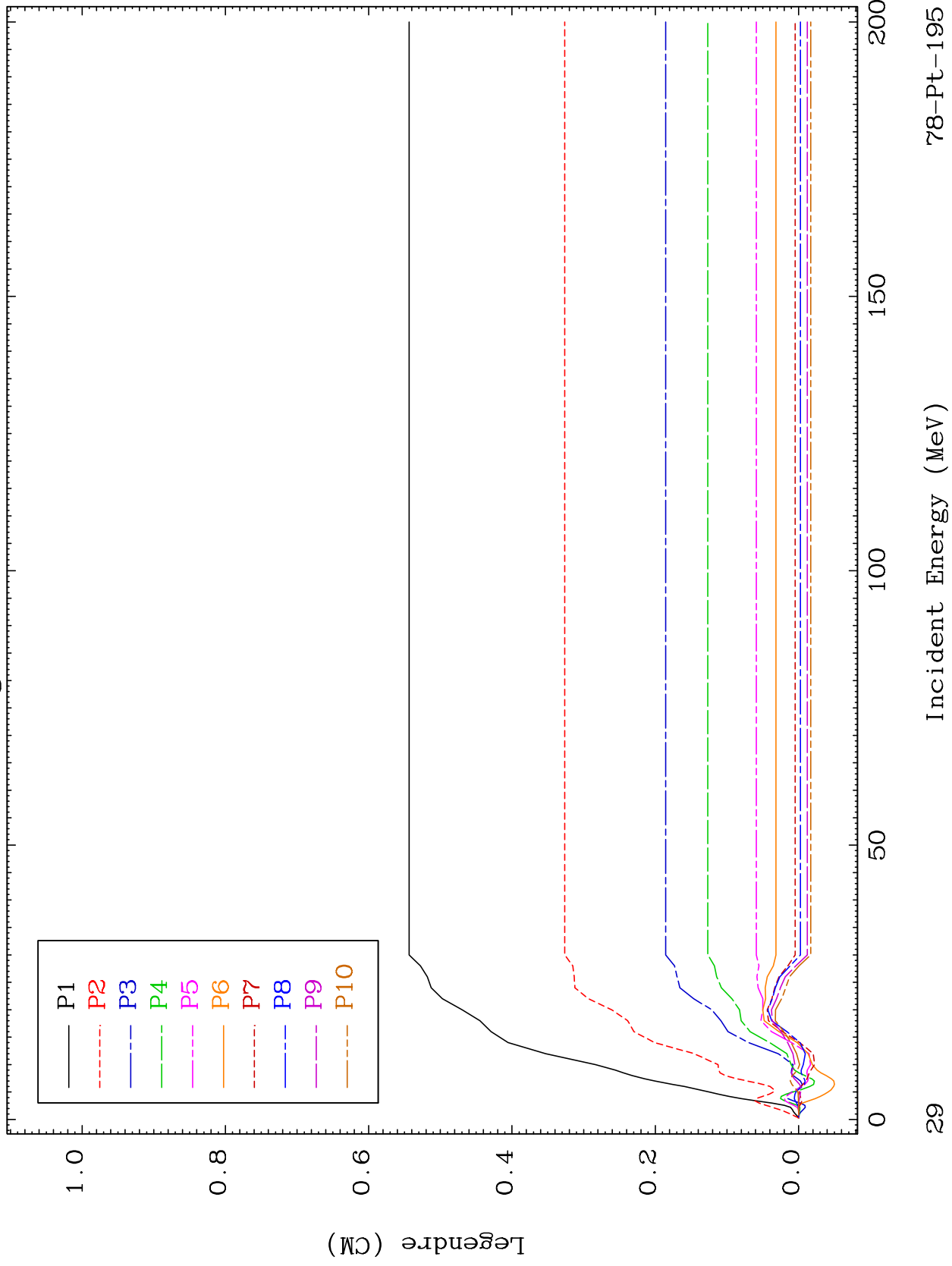
78-Pt-195



MAT 7840

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

78-Pt-195



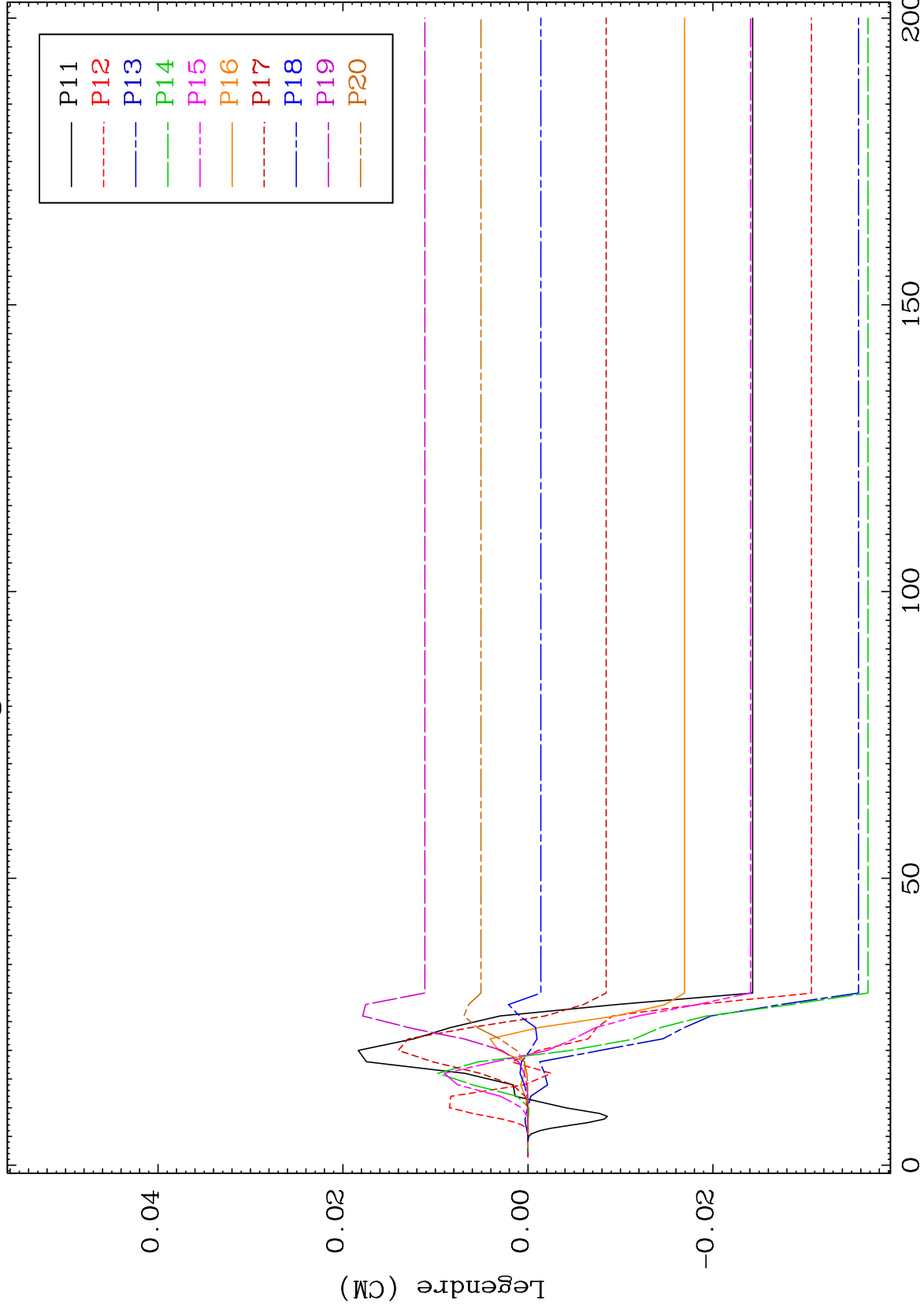
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78-Pt-195

MAT 7840

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

78-Pt-195



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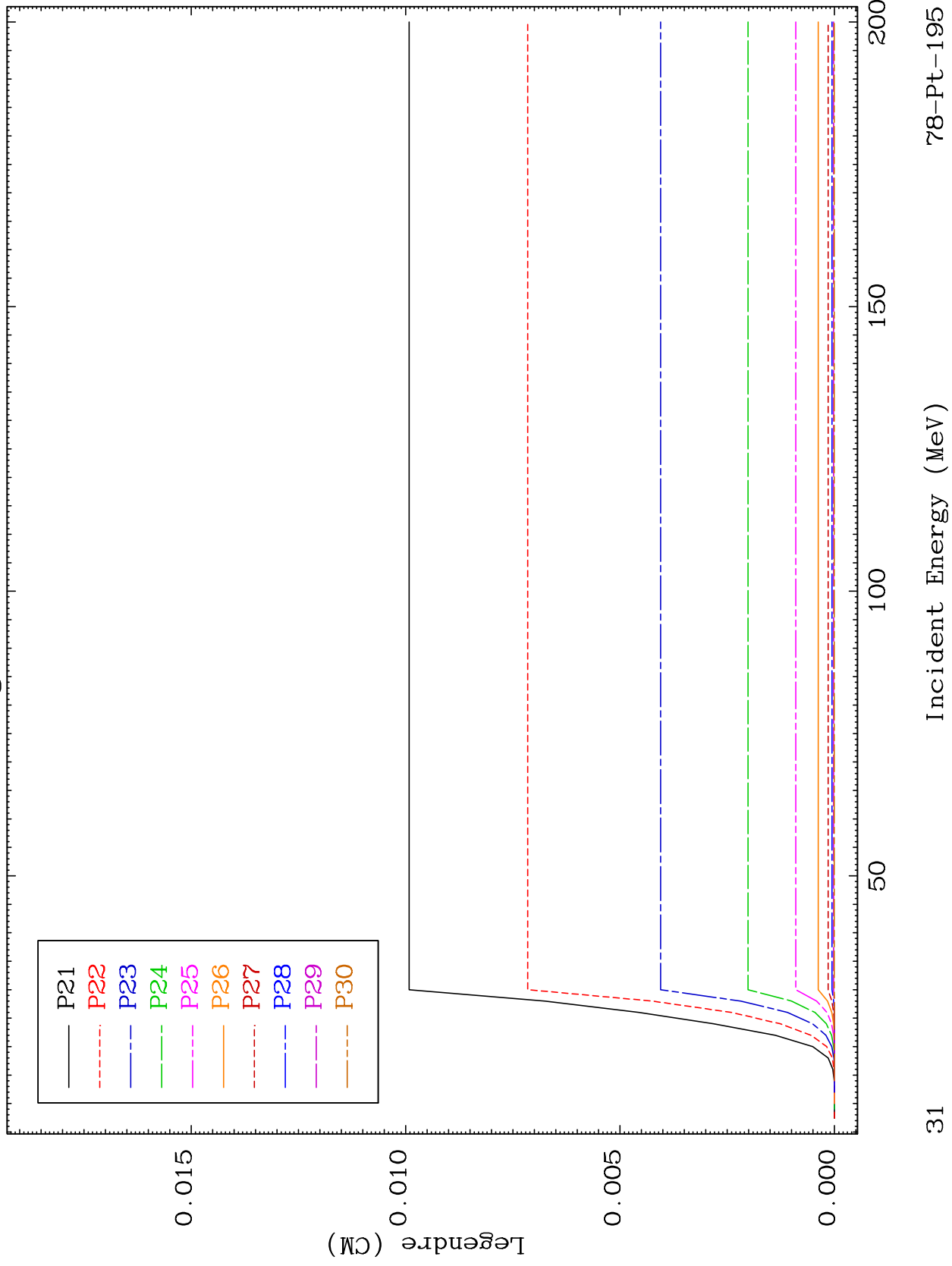
Incident Energy (MeV)

78-Pt-195

MAT 7840

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

78-Pt-195



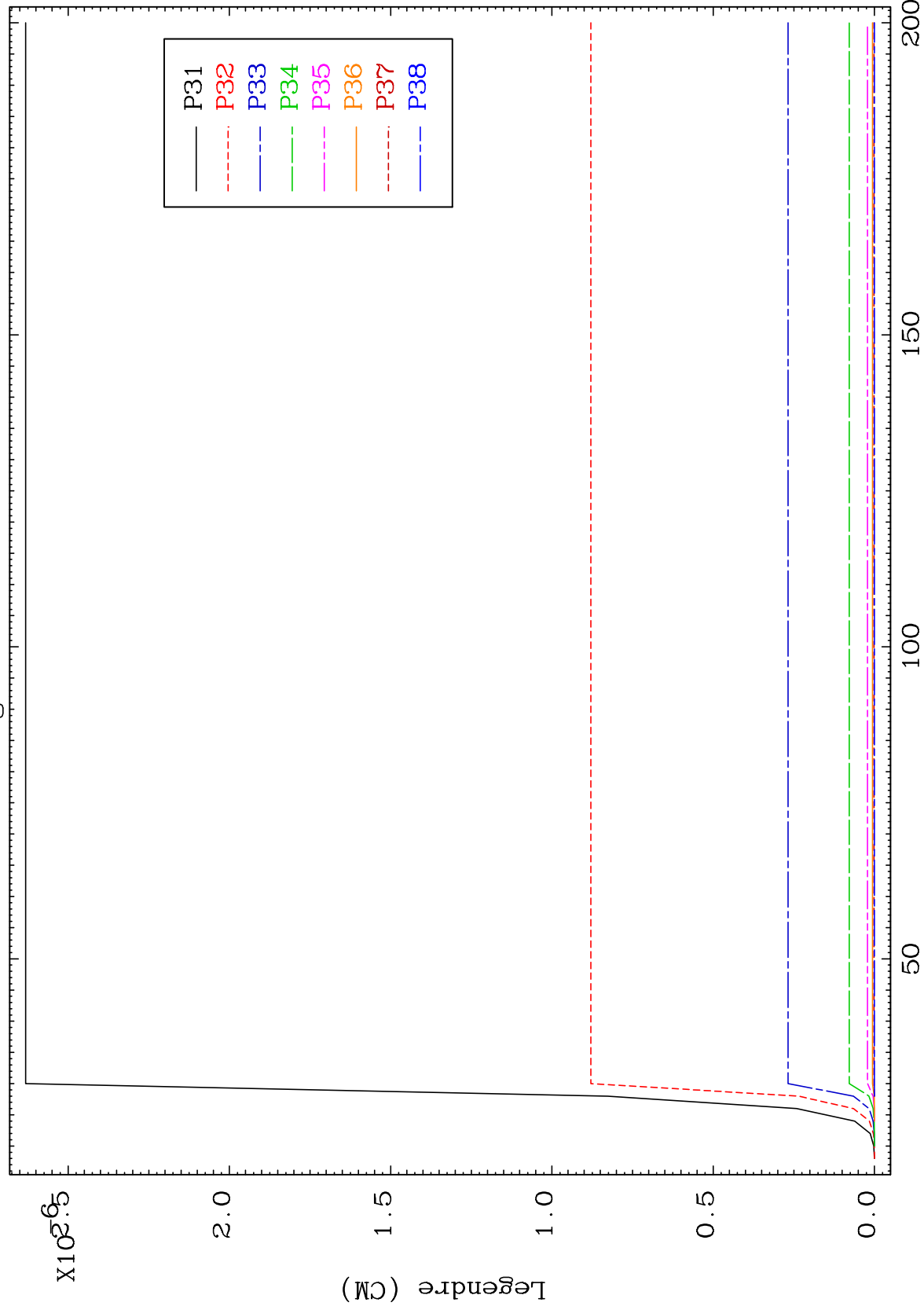
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78-Pt-195

MAT 7840

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

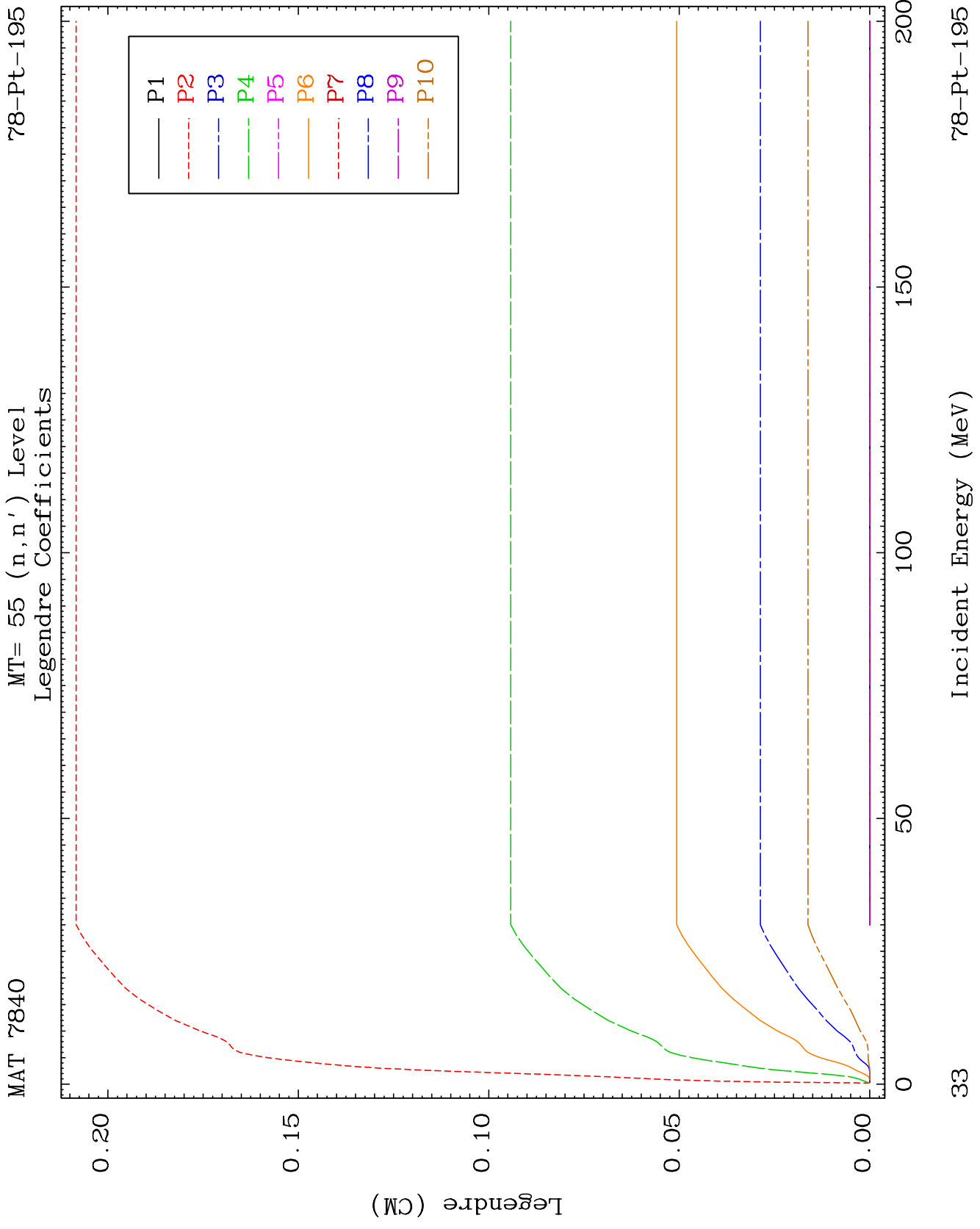
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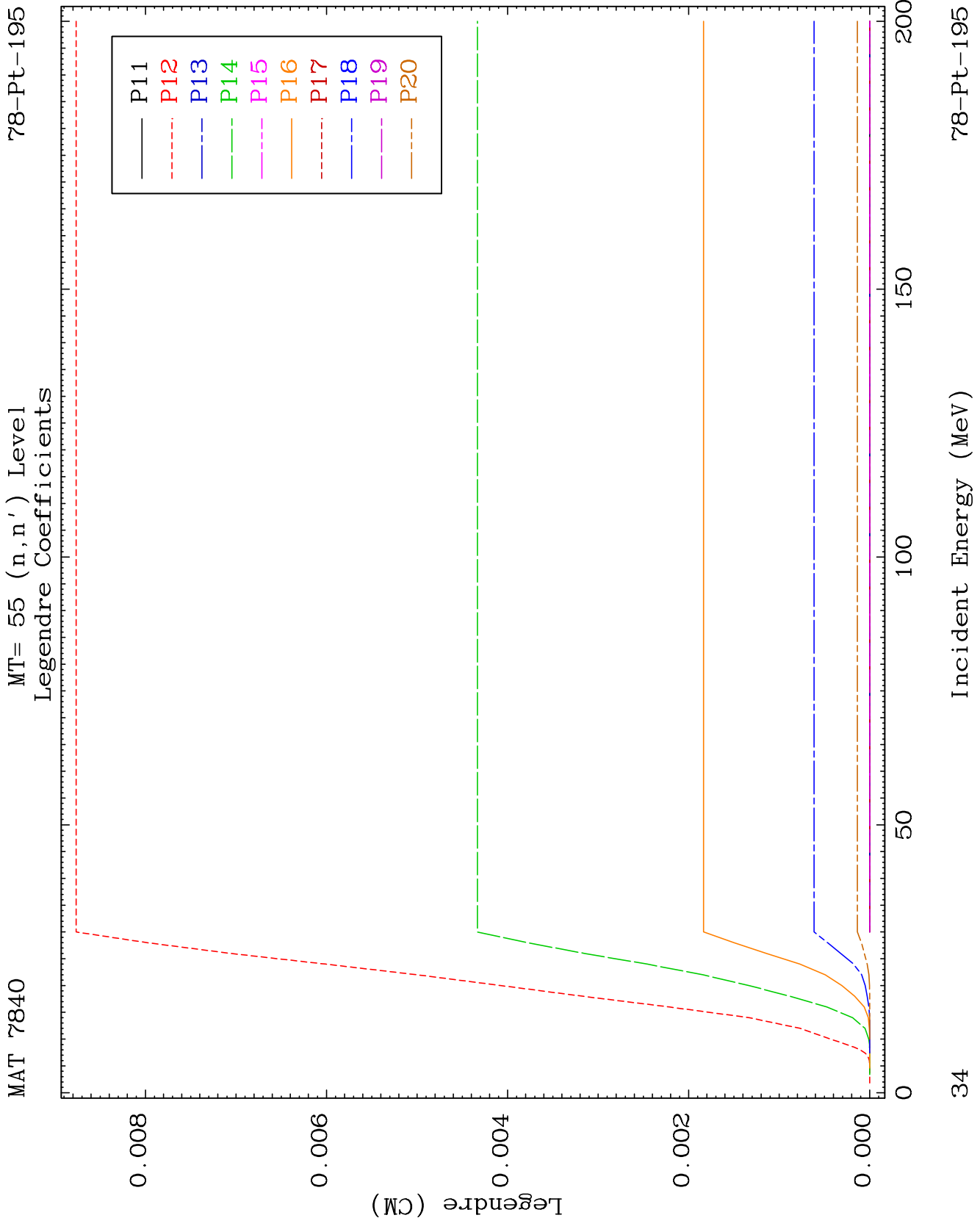


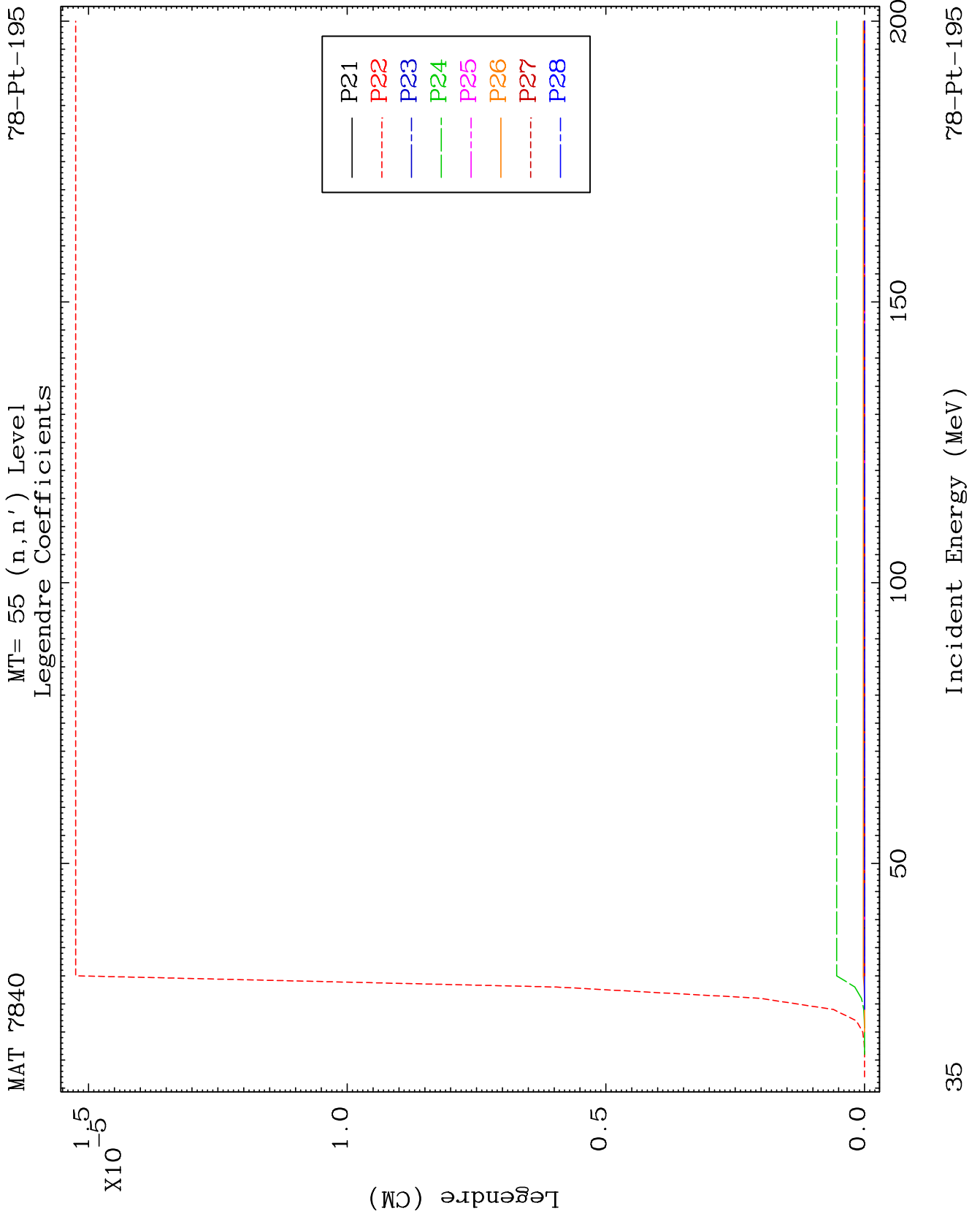
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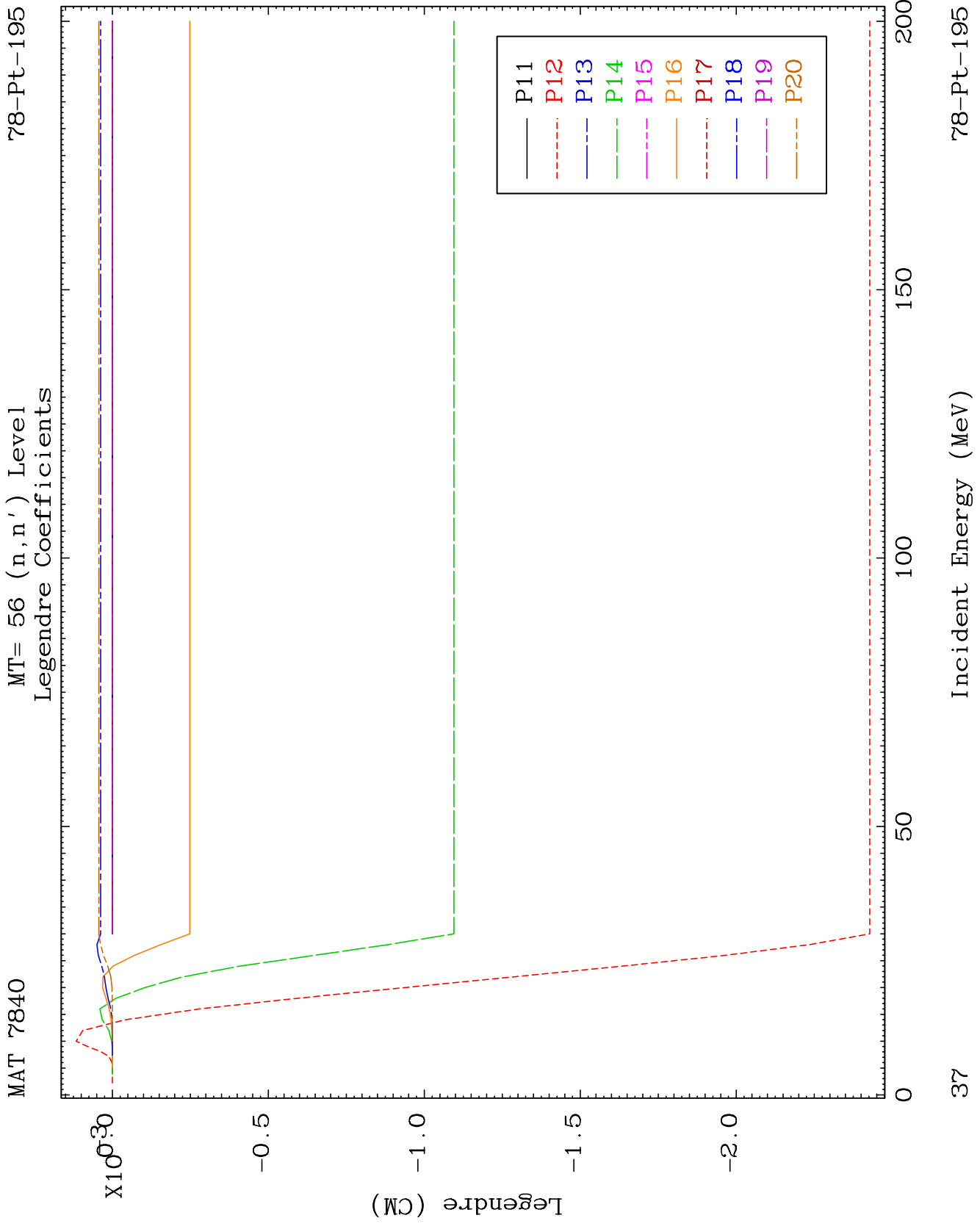
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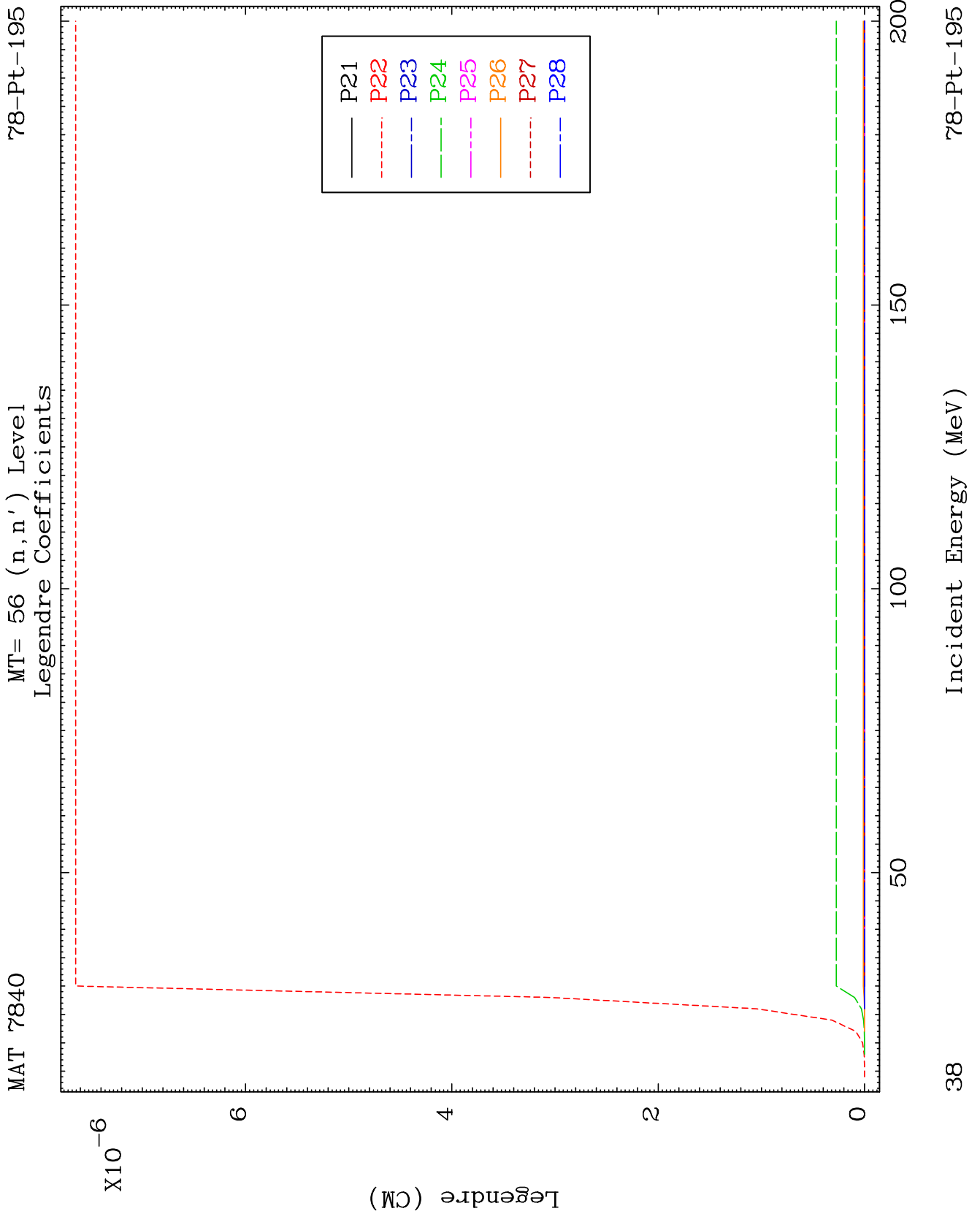
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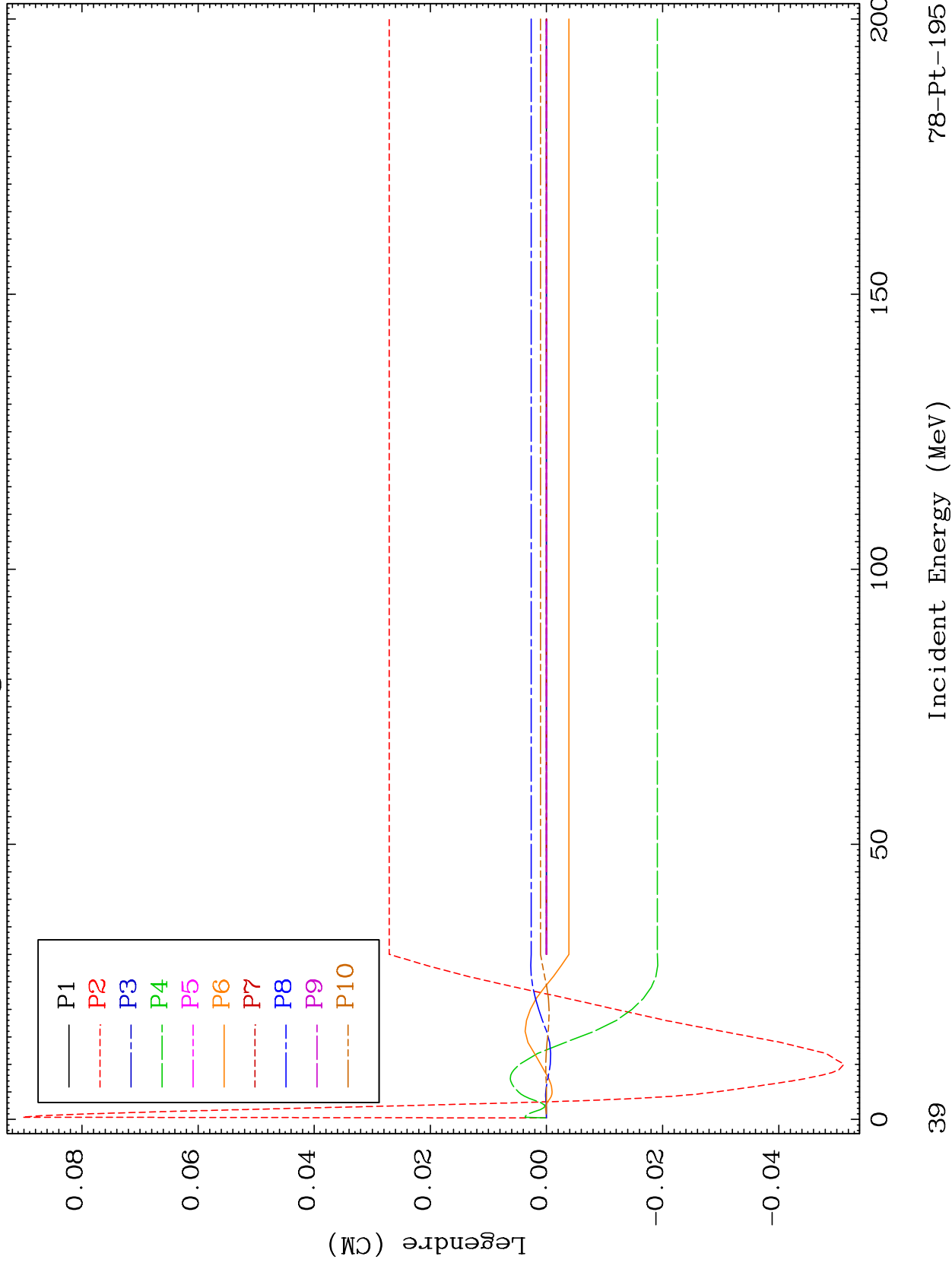




MAT 7840

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

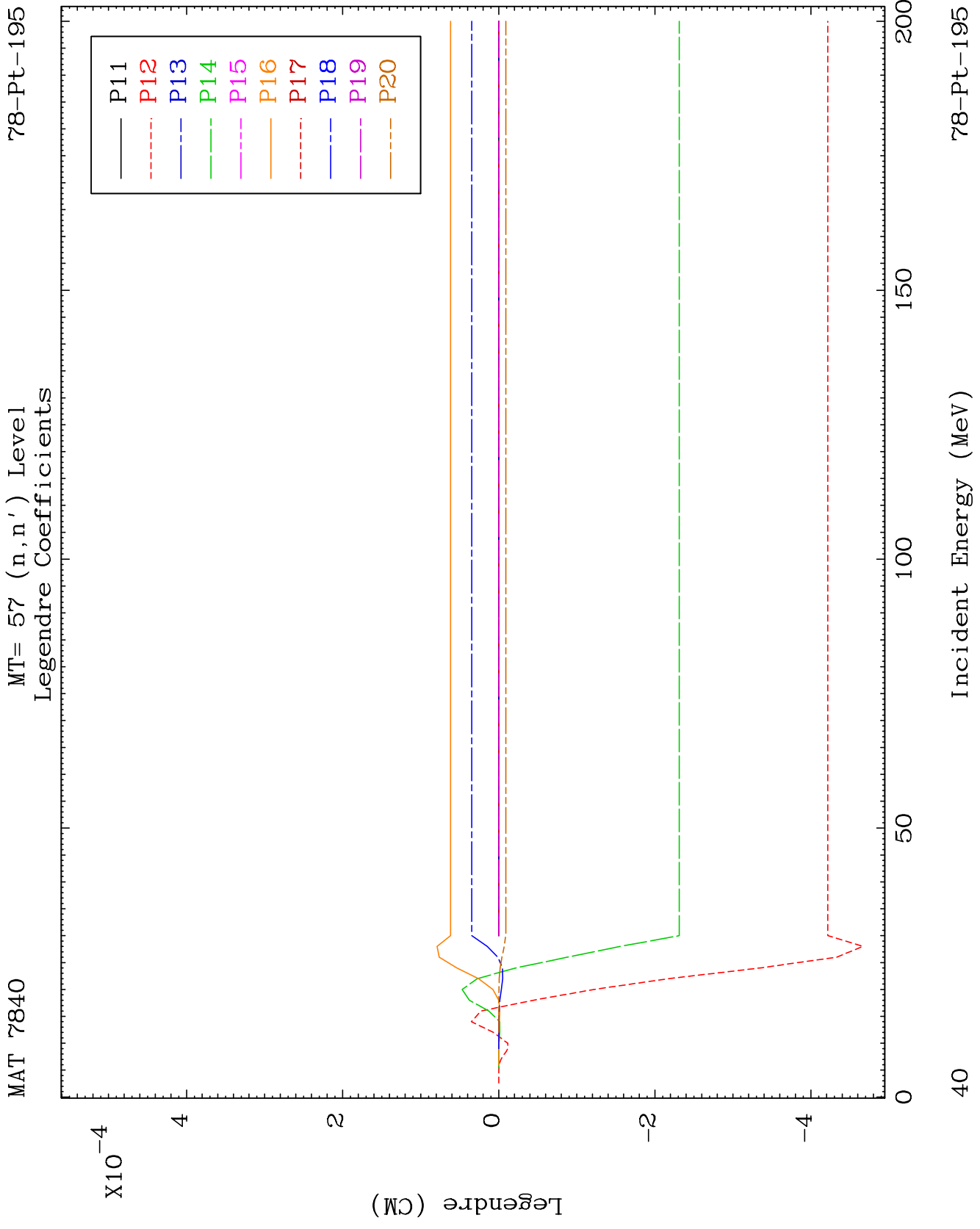
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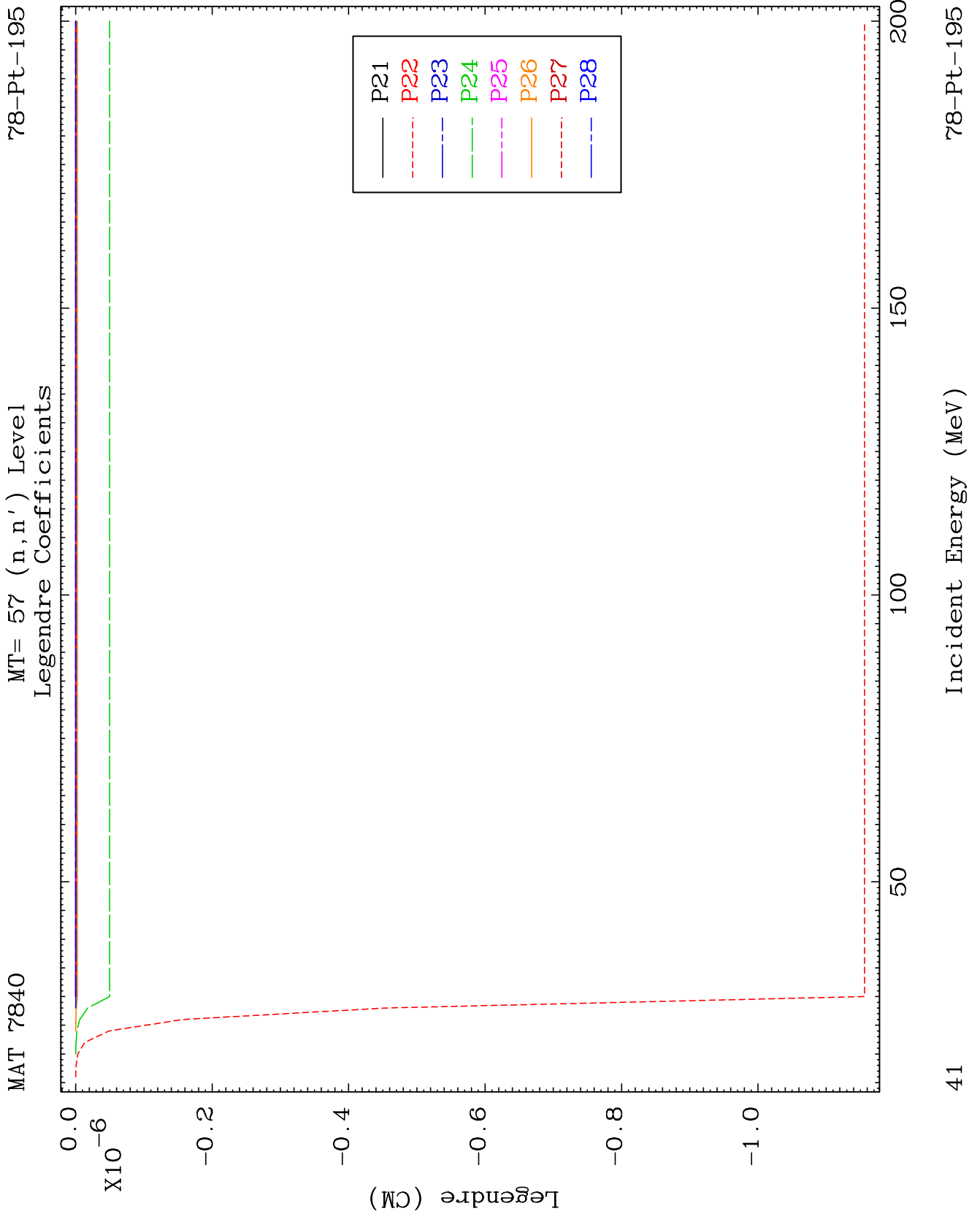


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Incident Energy (MeV)

78-Pt-195

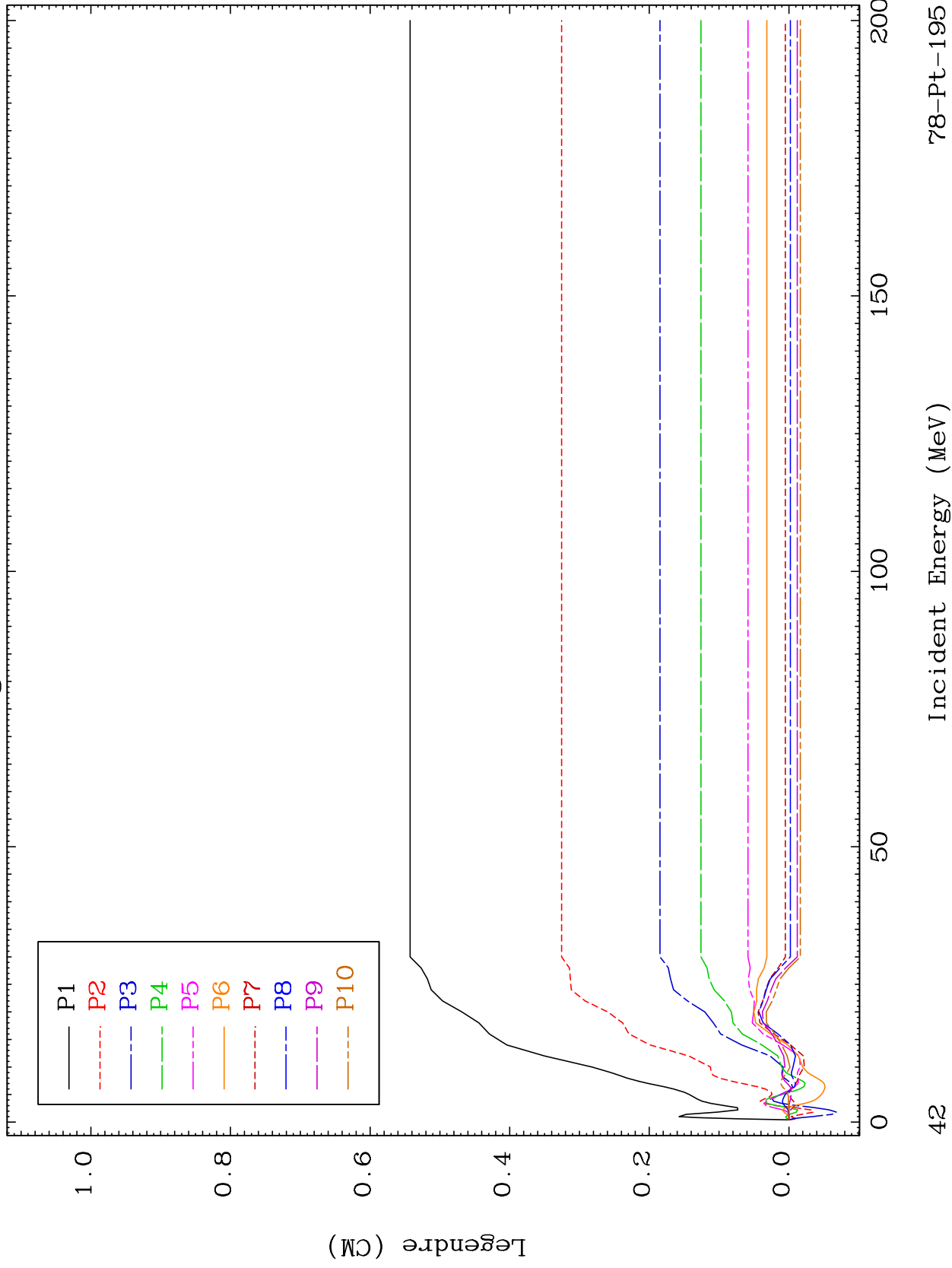




MAT 7840

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

78-Pt-195



78-Pt-195

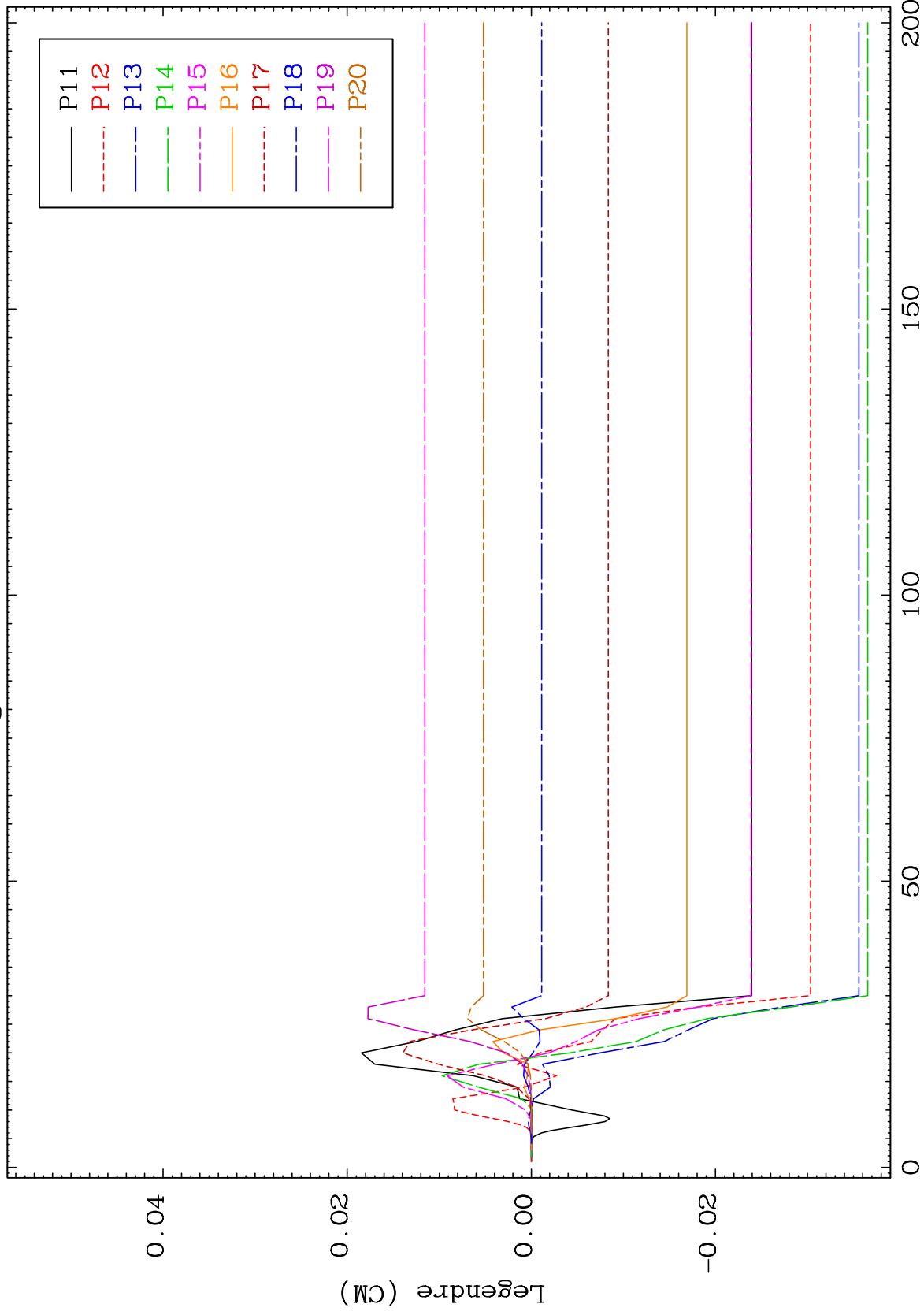
Incident Energy (MeV)

42

MAT 7840

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

78-Pt-195



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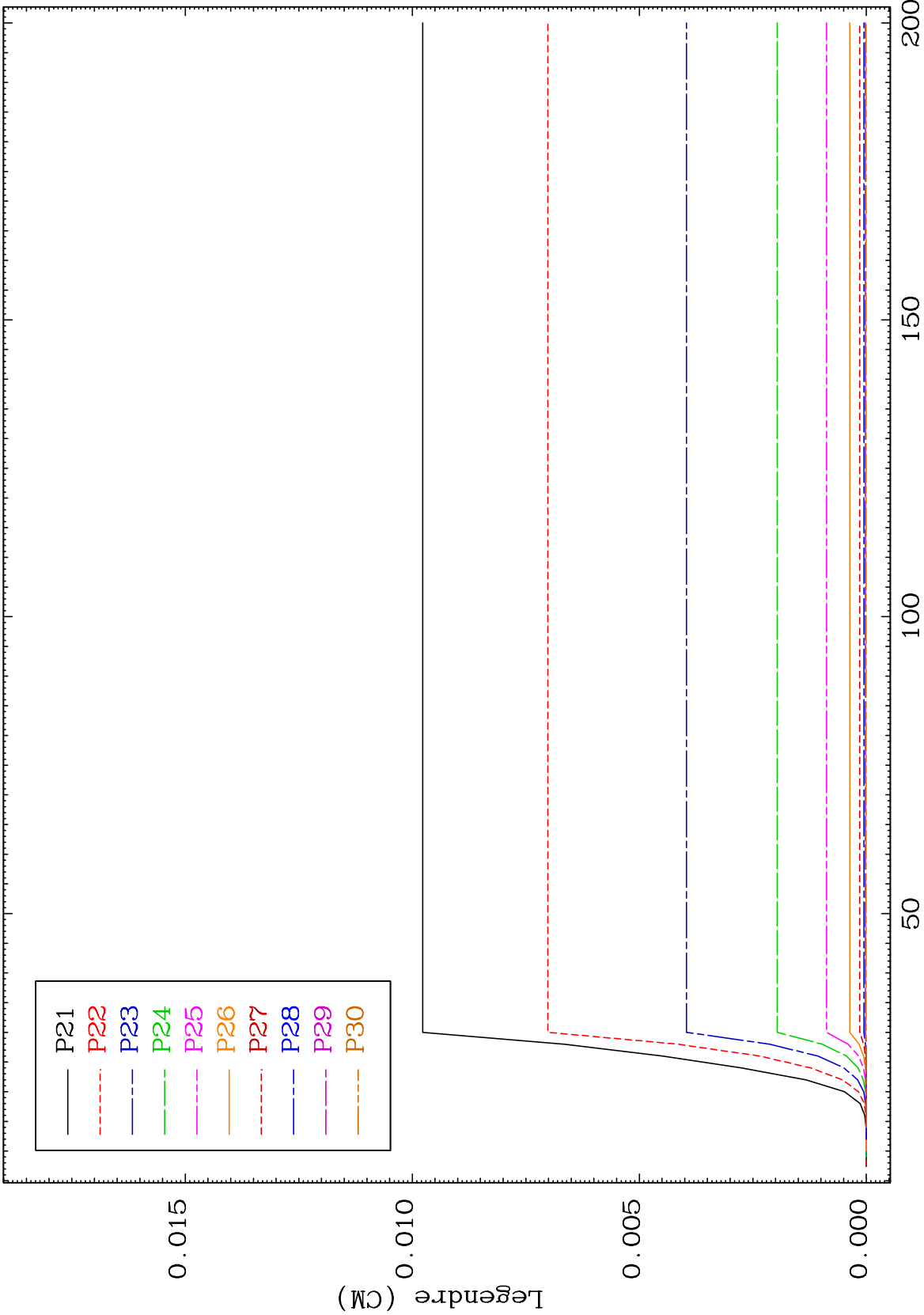
Incident Energy (MeV)

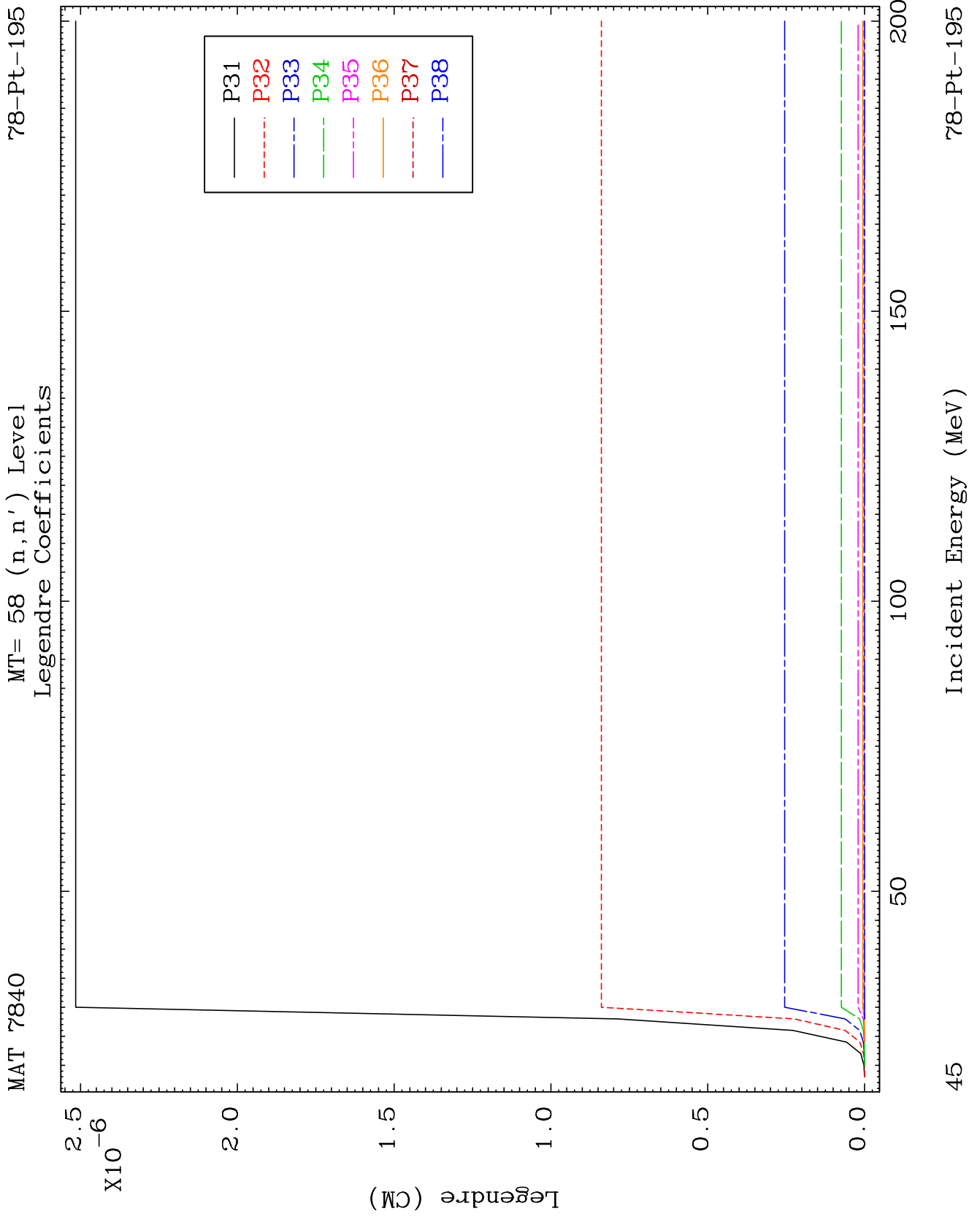
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MAT 7840

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

78-Pt-195

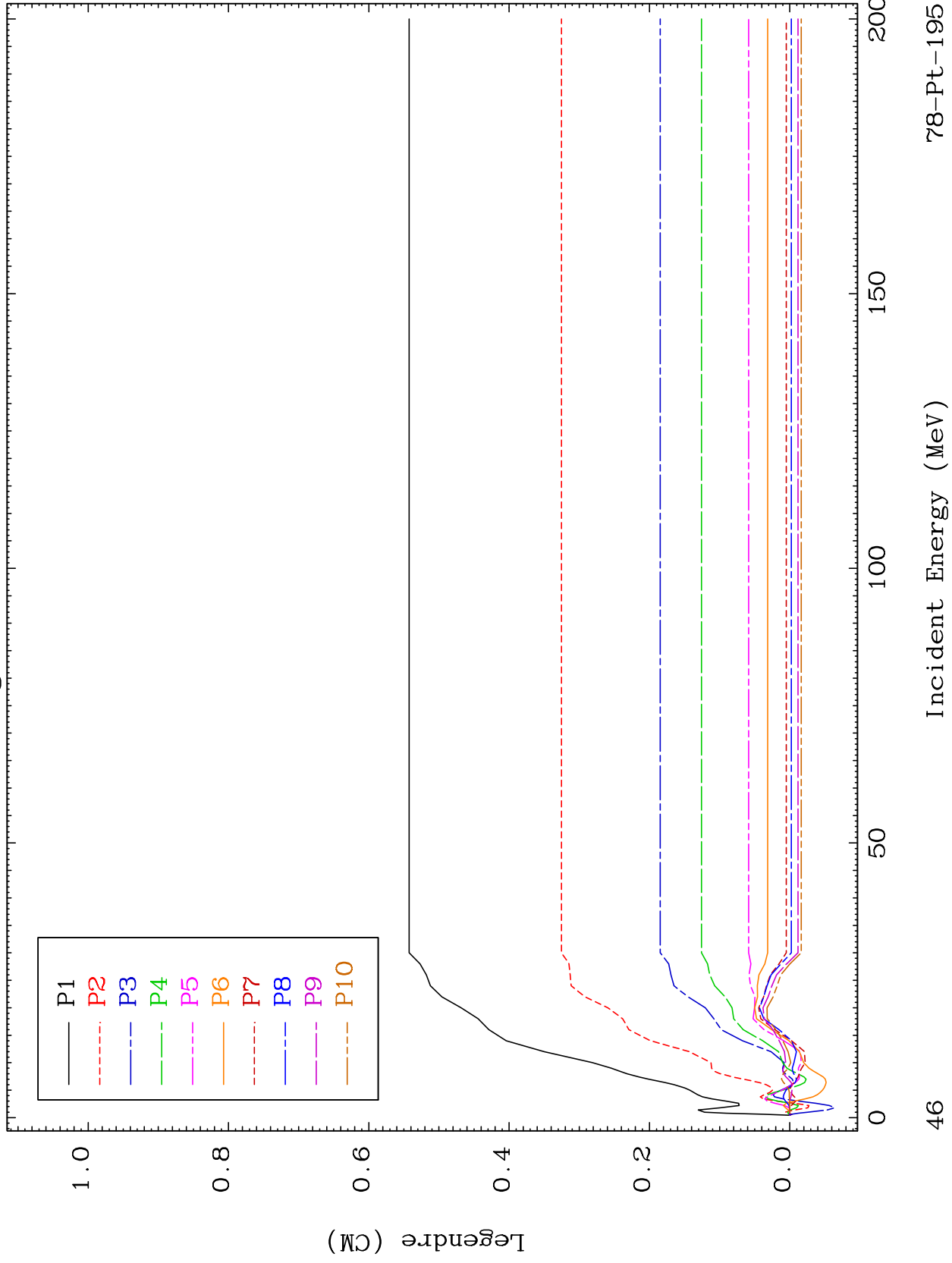




MAT 7840

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

78-Pt-195



46

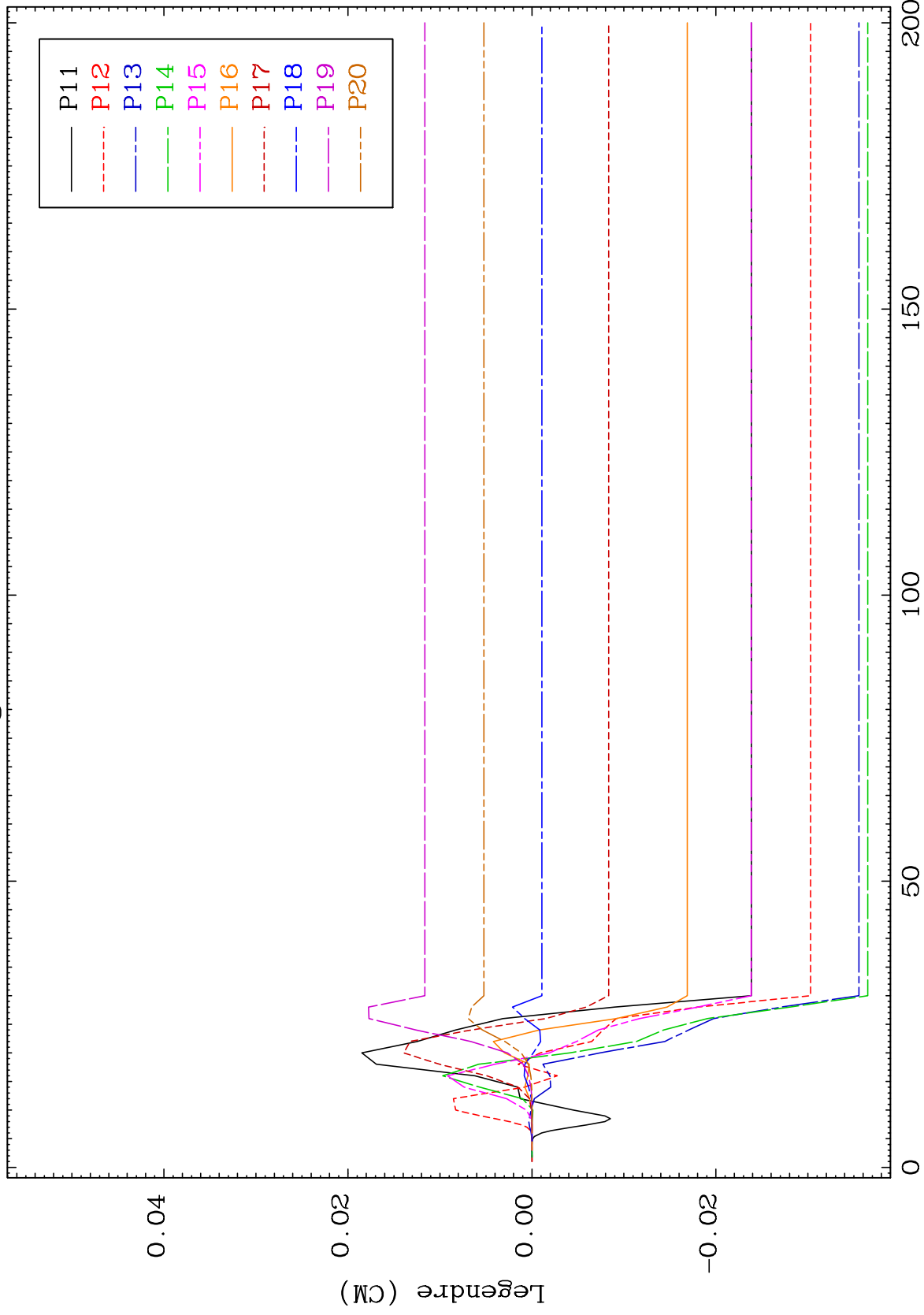
Incident Energy (MeV)

78-Pt-195

MAT 7840

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

78-Pt-195



47

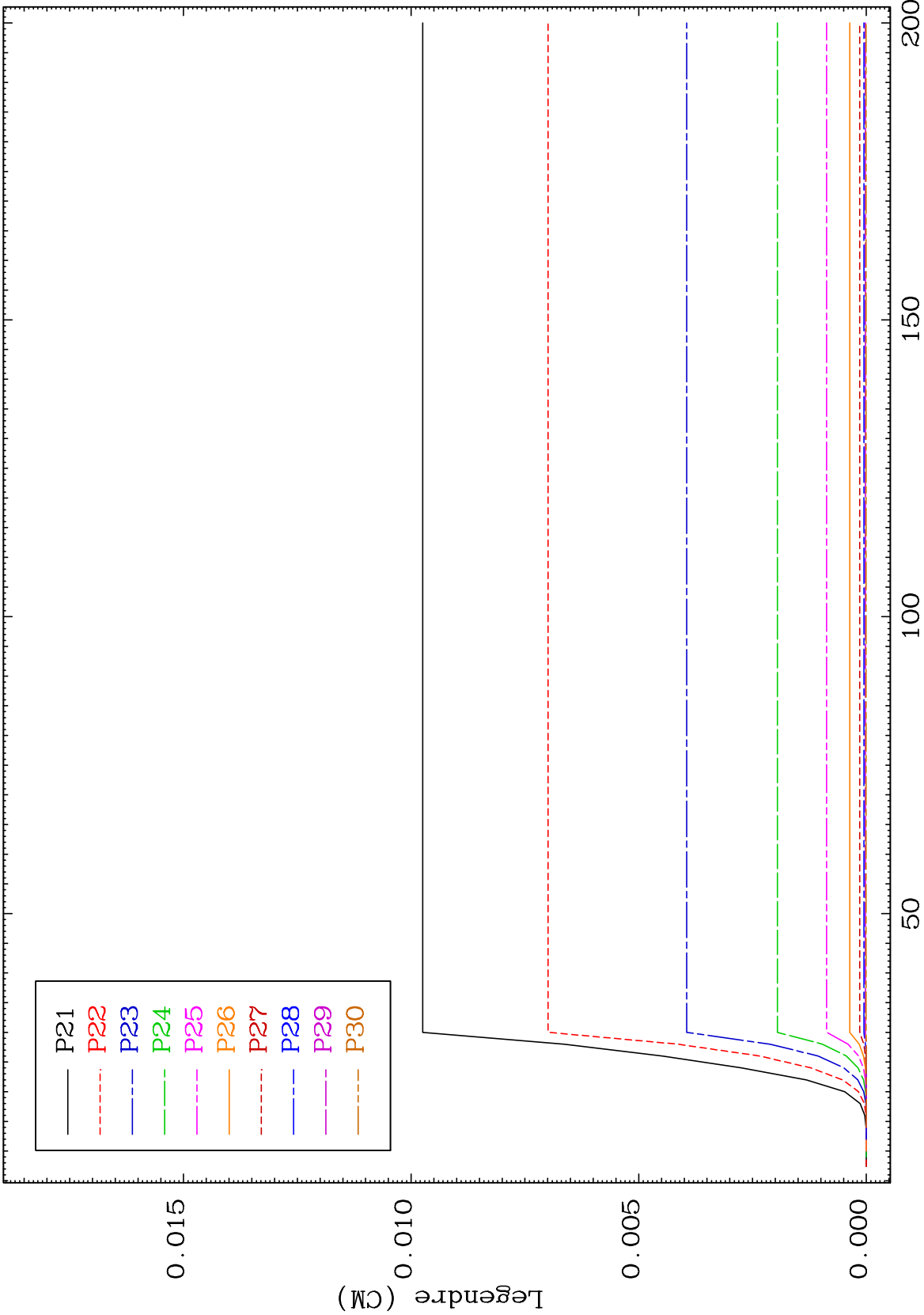
Incident Energy (MeV)

78-Pt-195

MAT 7840

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

78-Pt-195



48

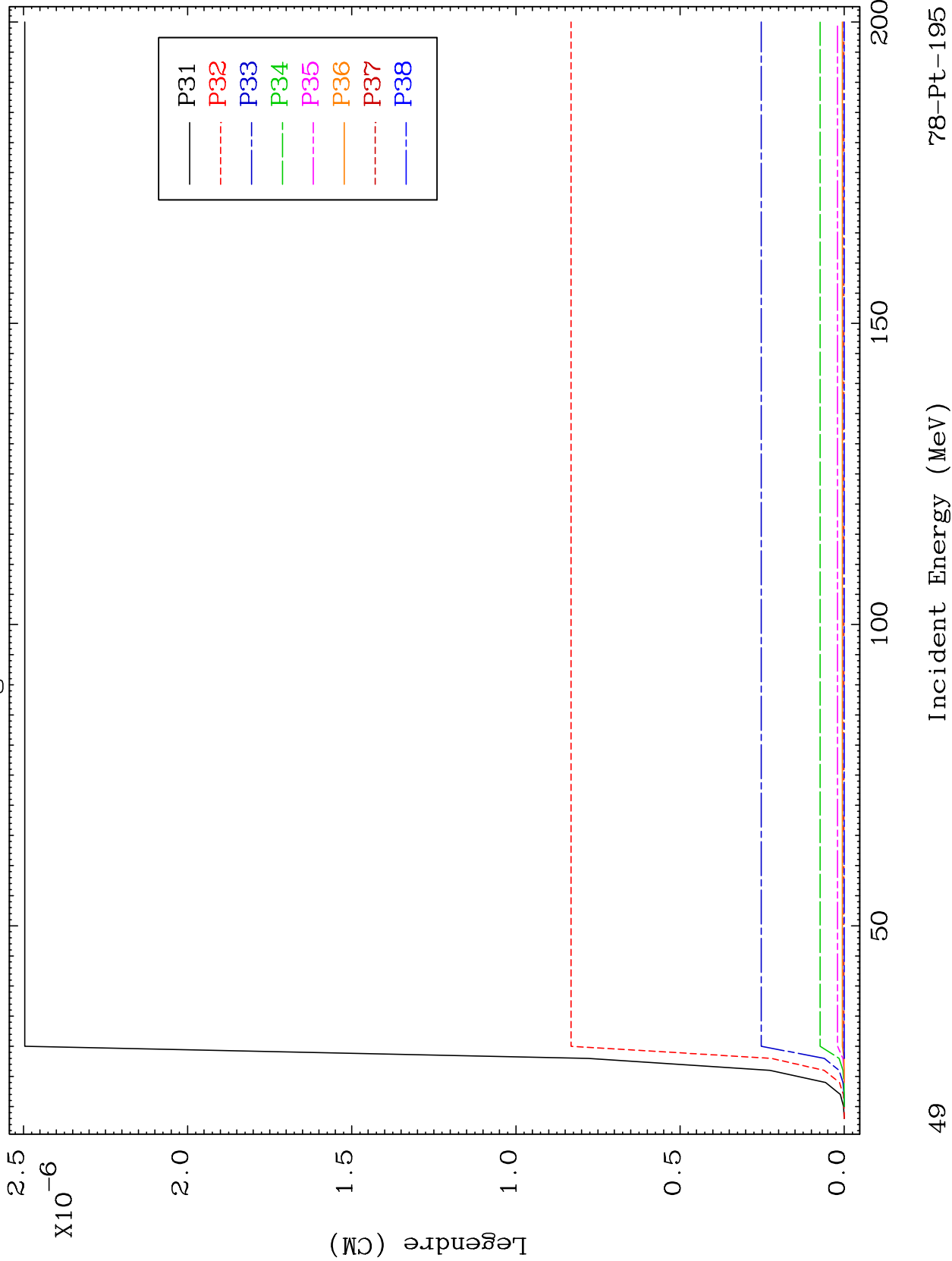
Incident Energy (MeV)

78-Pt-195

MAT 7840

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

78-Pt-195



49

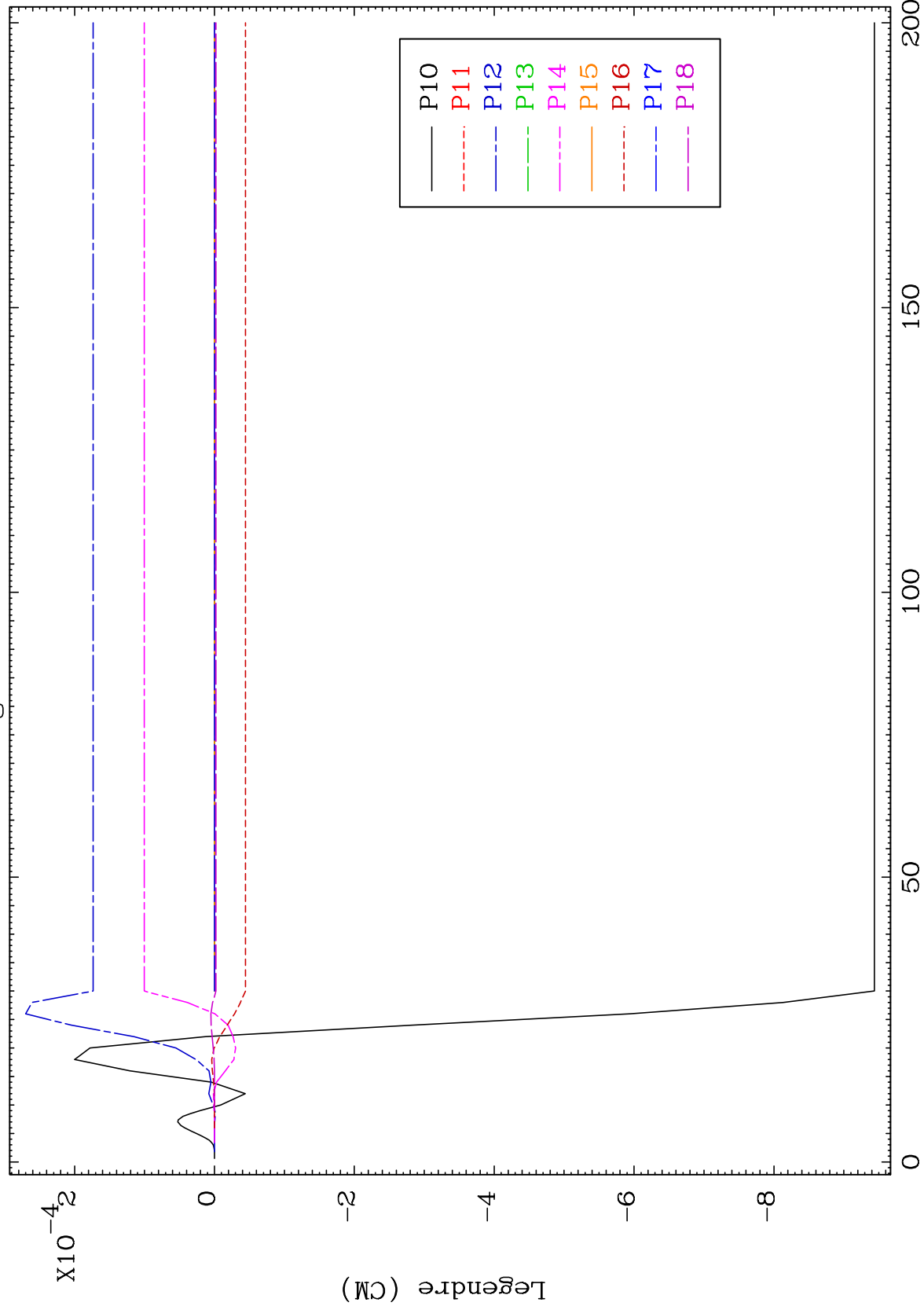
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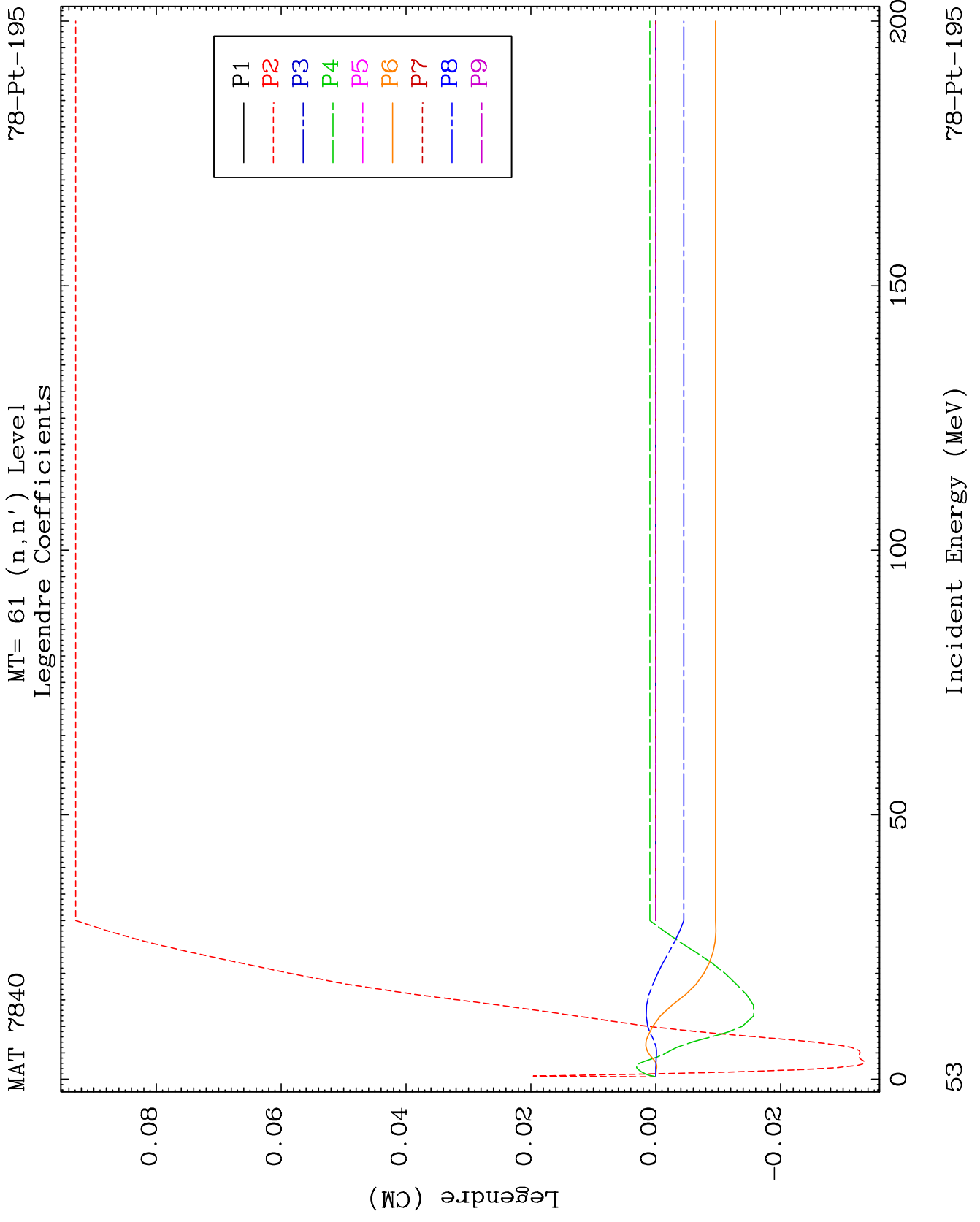
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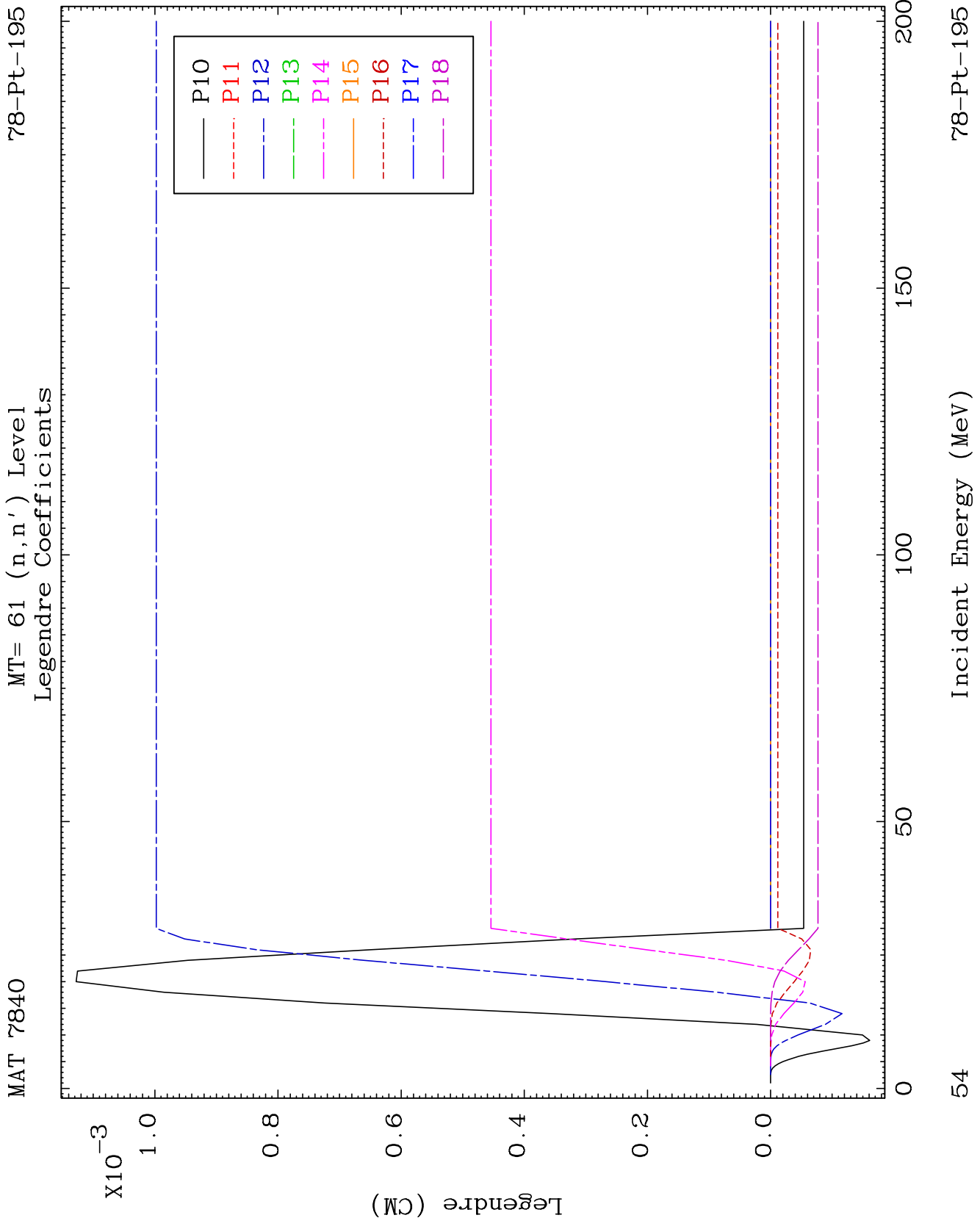
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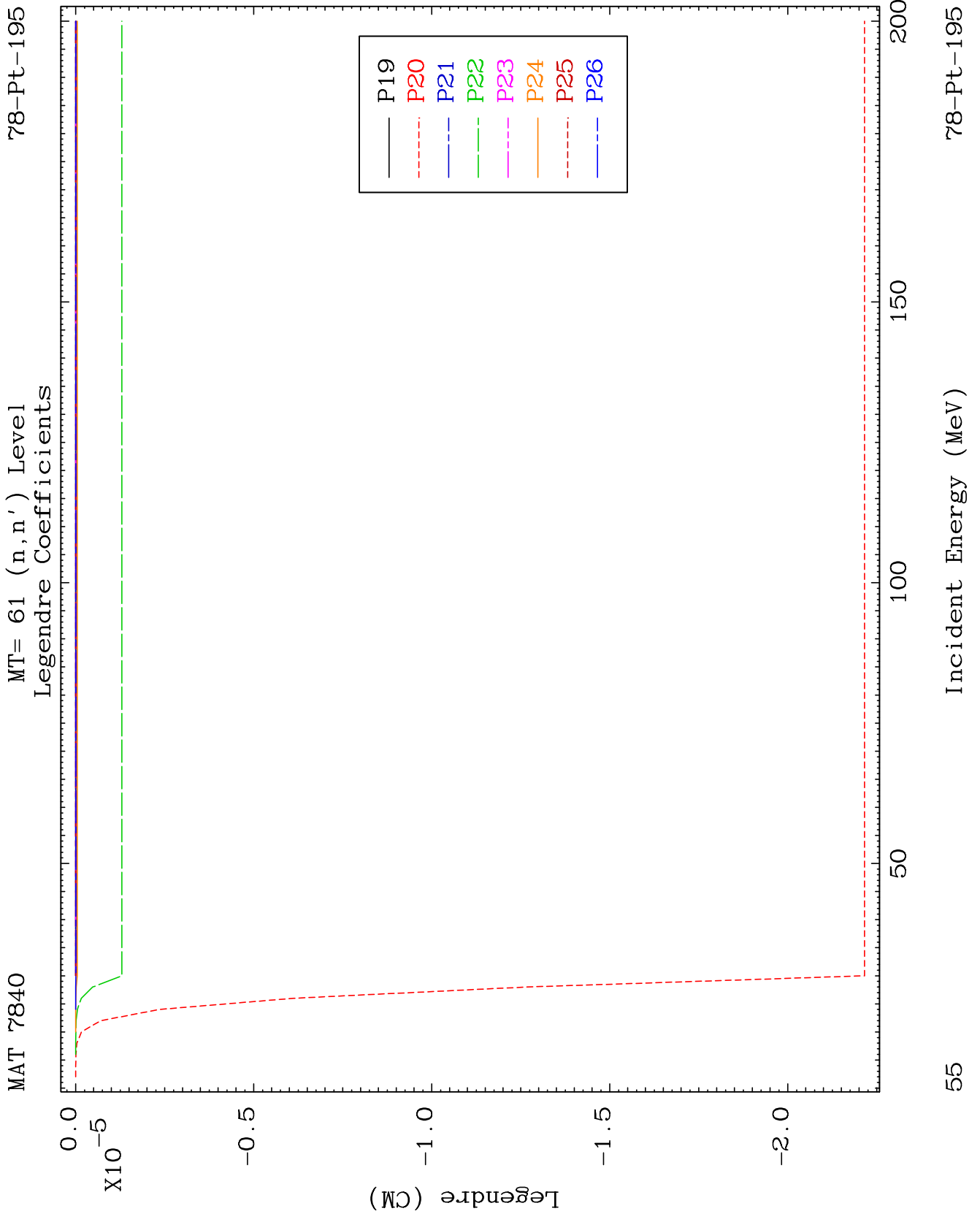
MT= 60 (n,n') Level
Legendre Coefficients

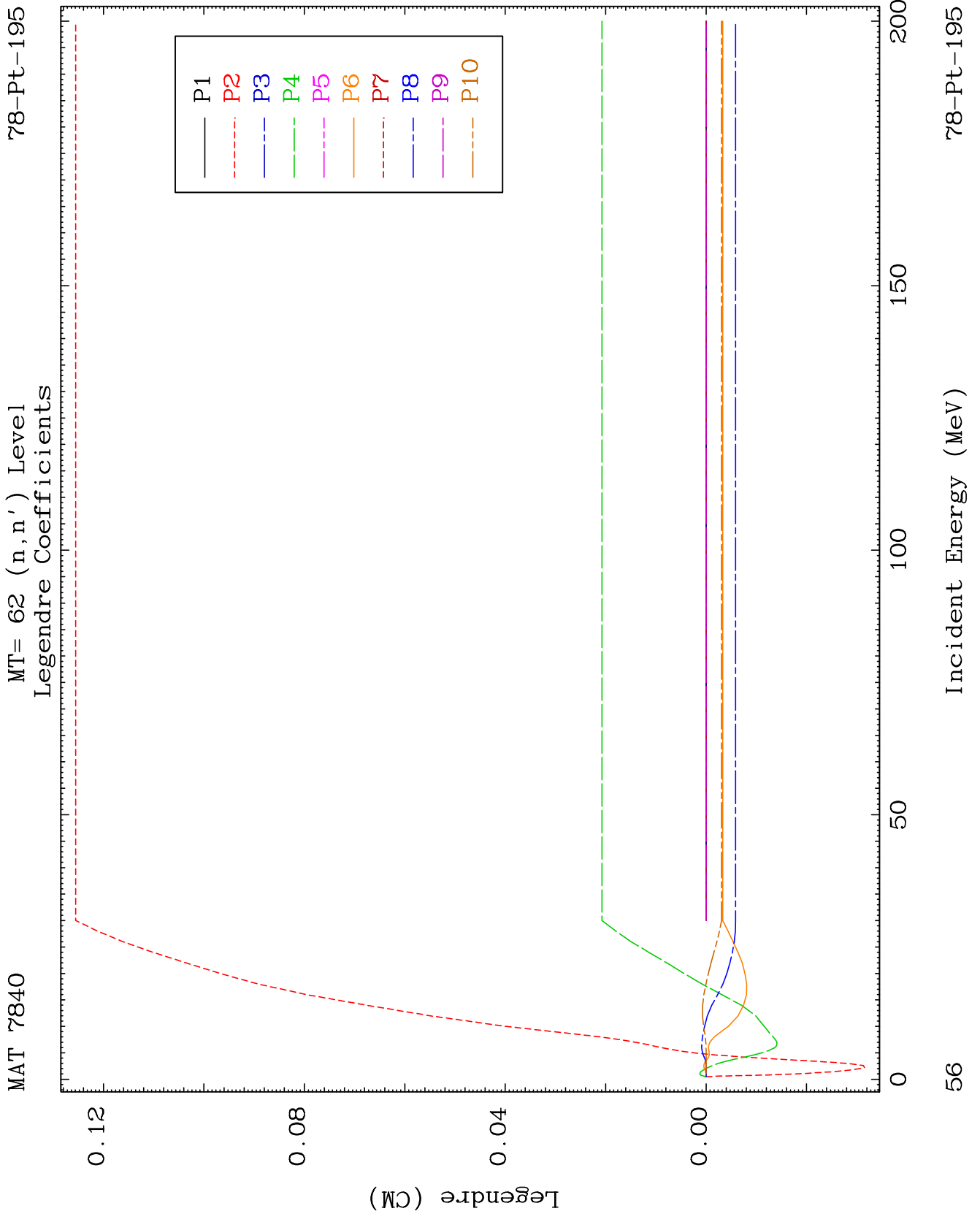
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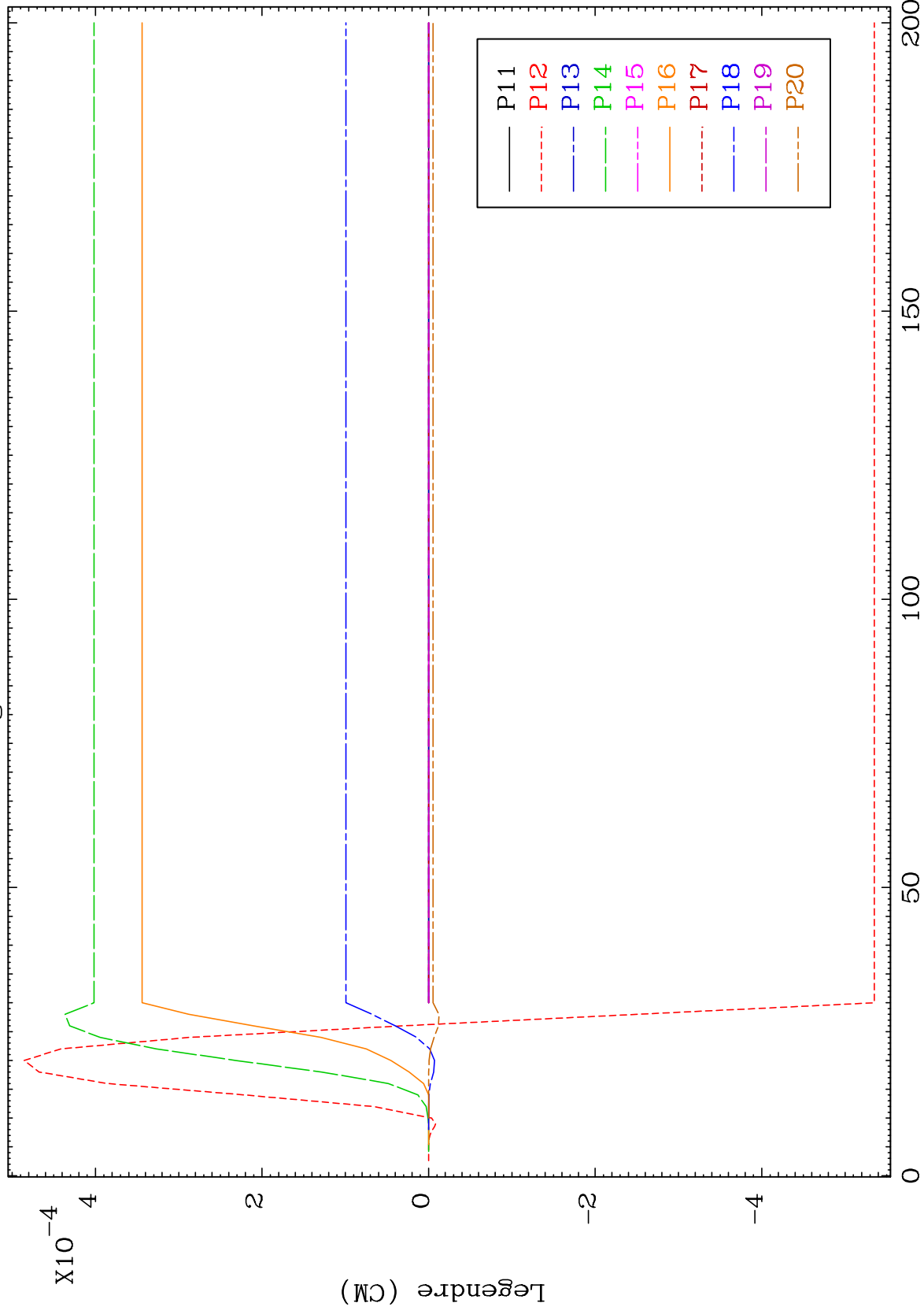




MAT 7840

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

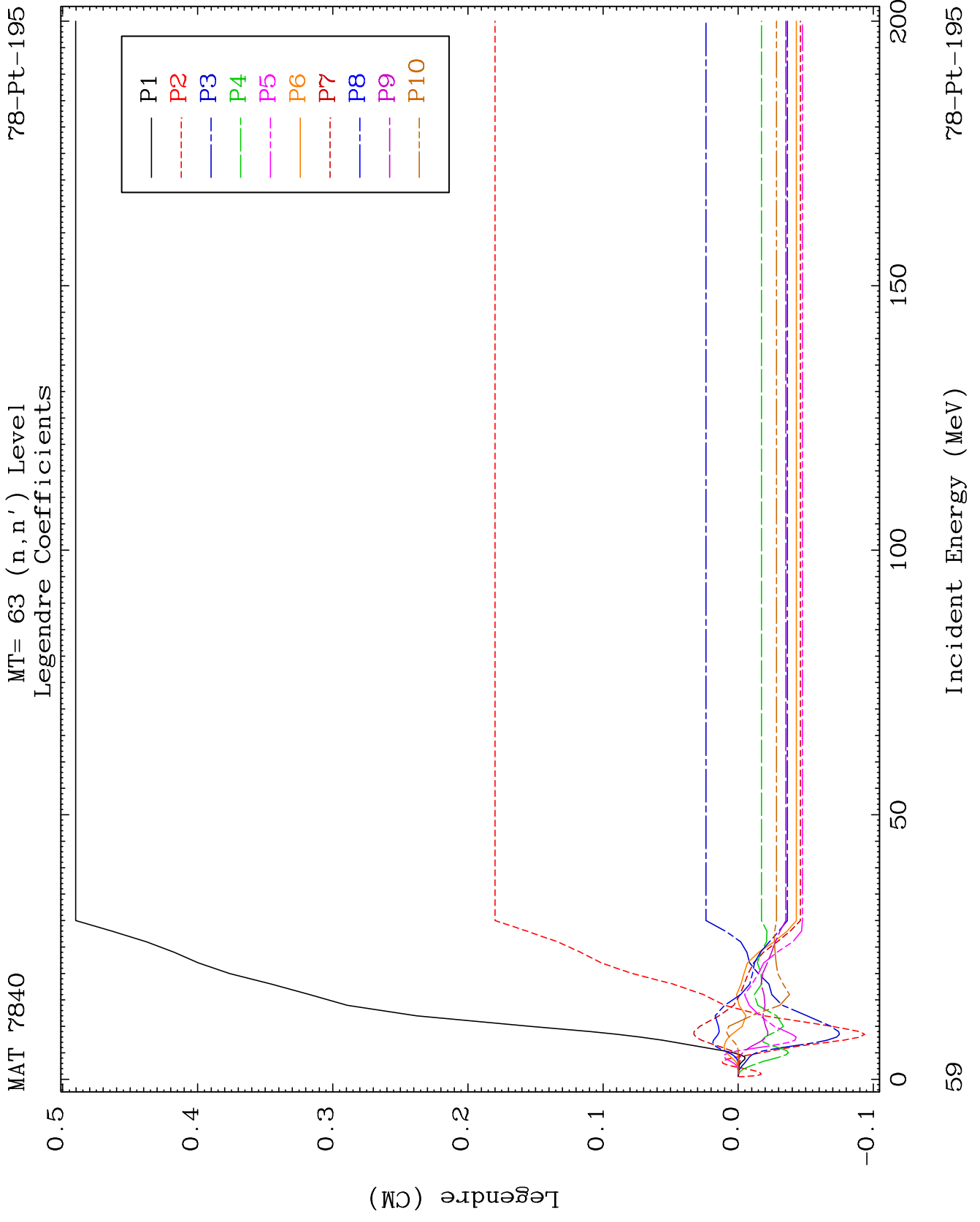
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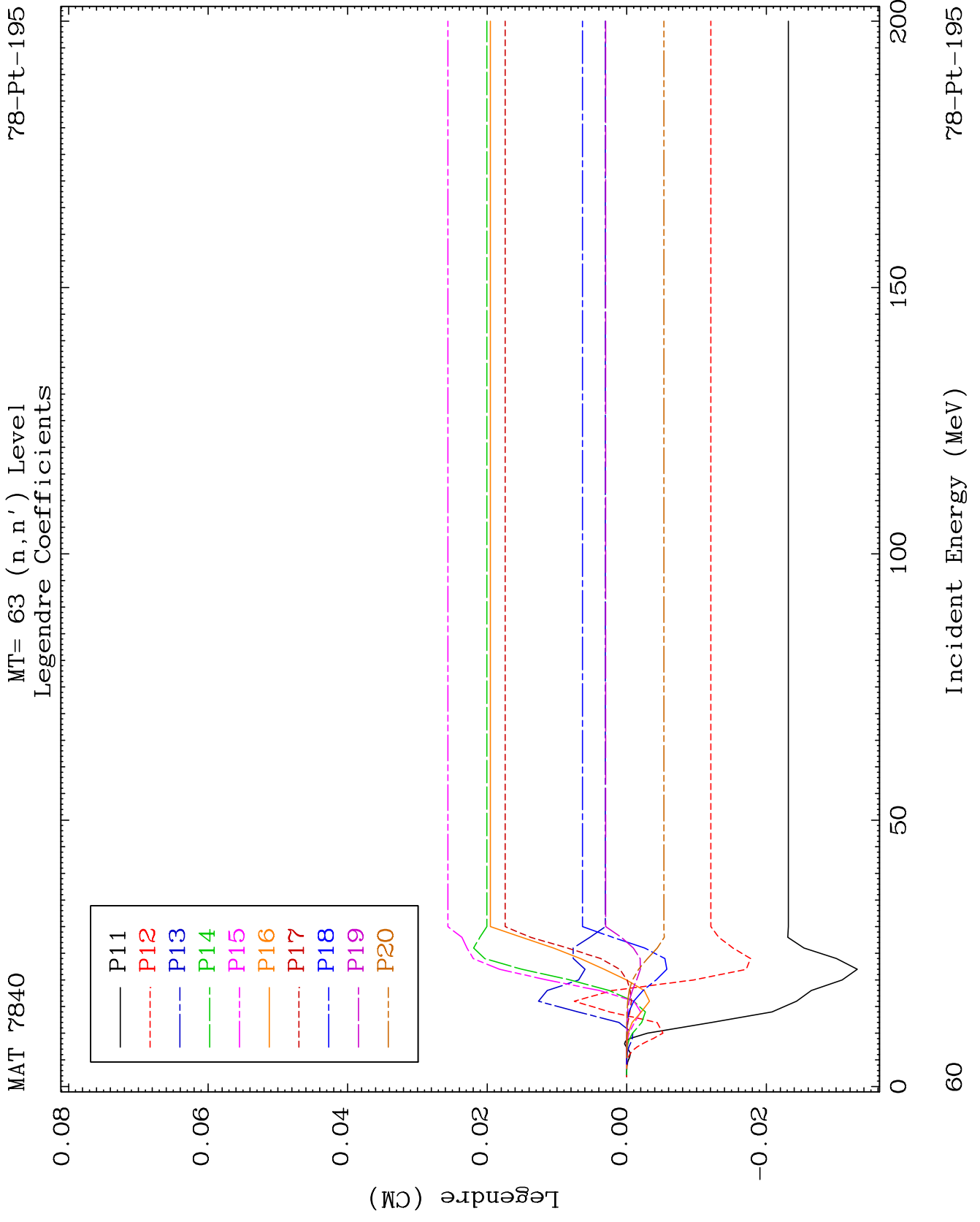


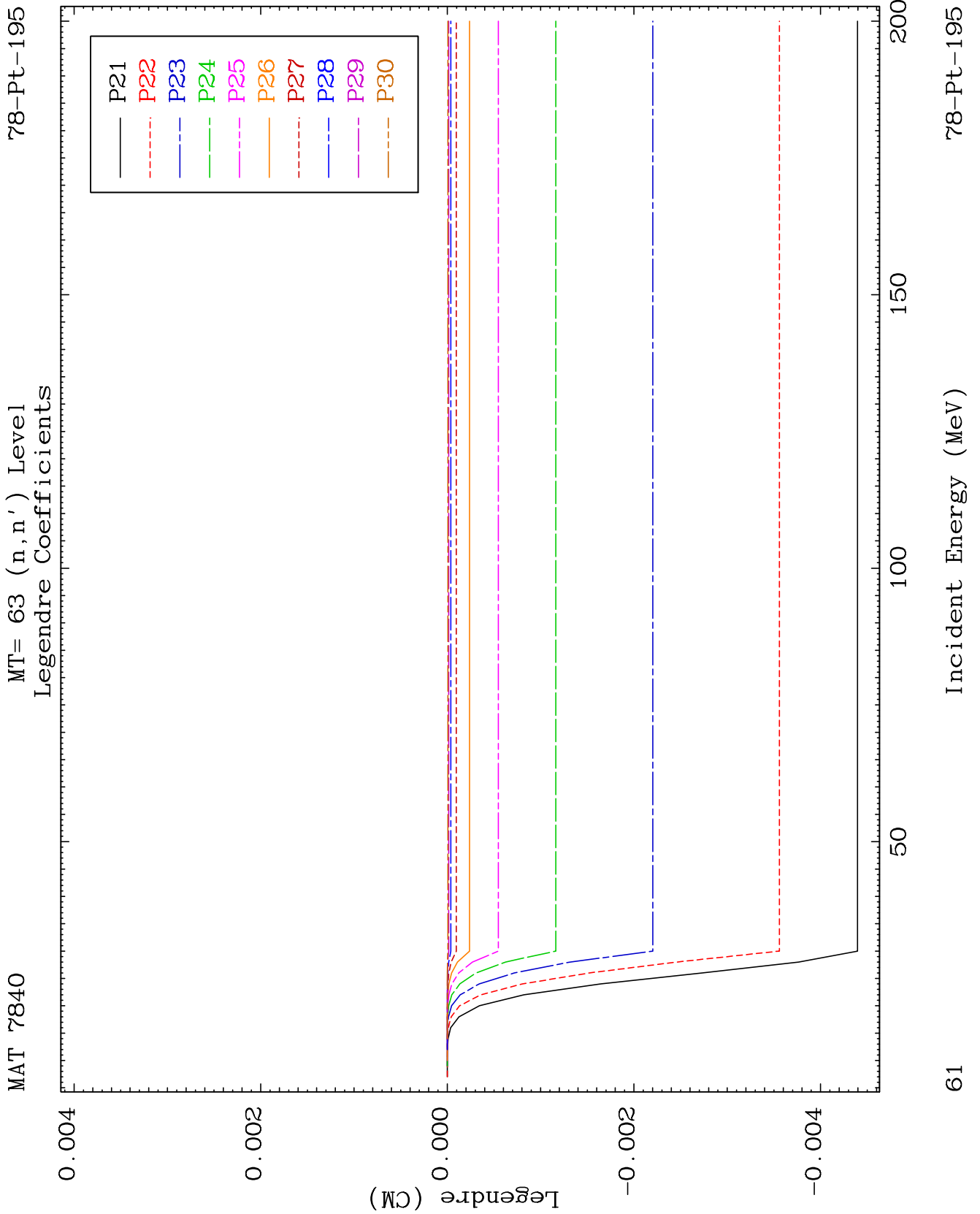
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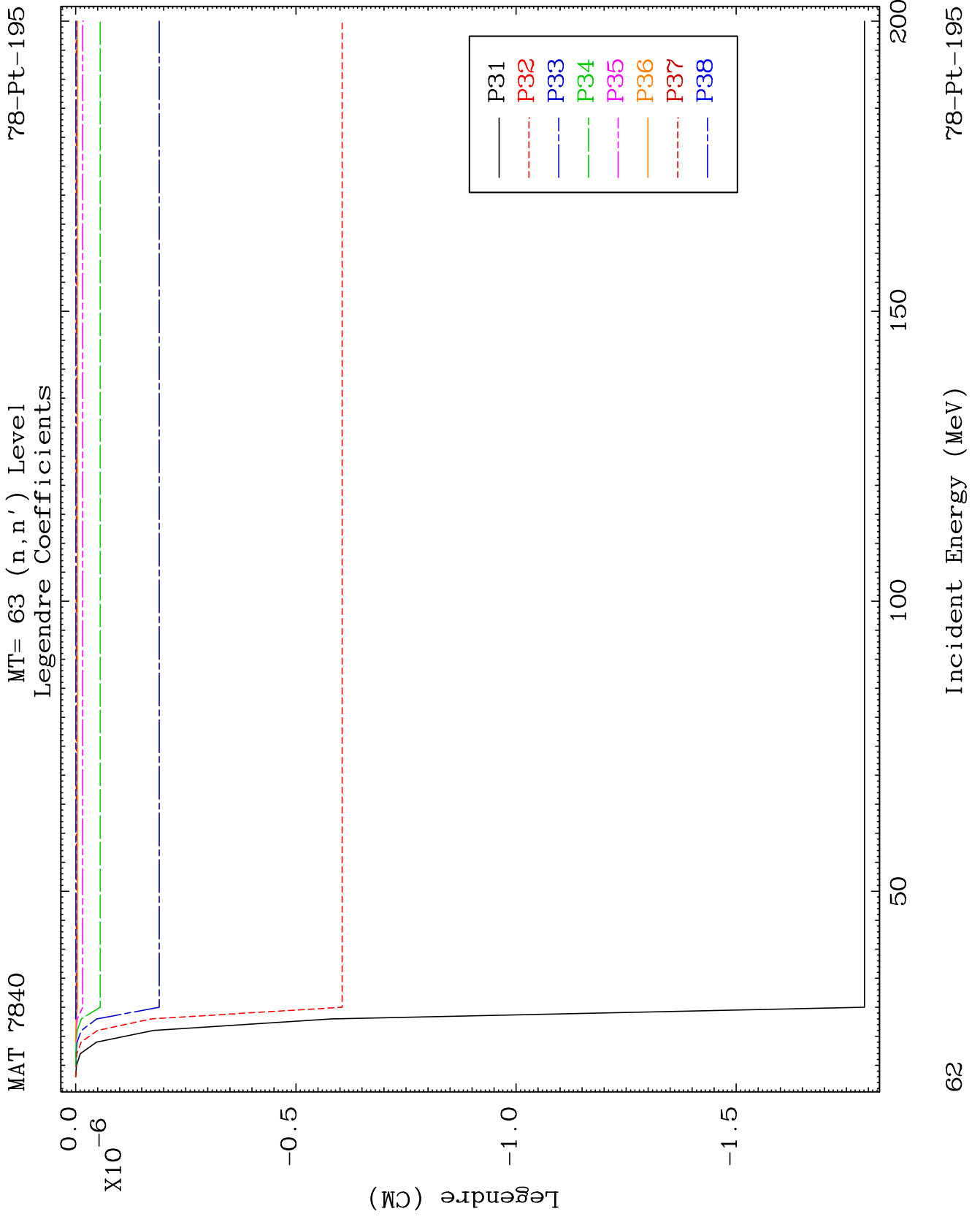
Incident Energy (MeV)

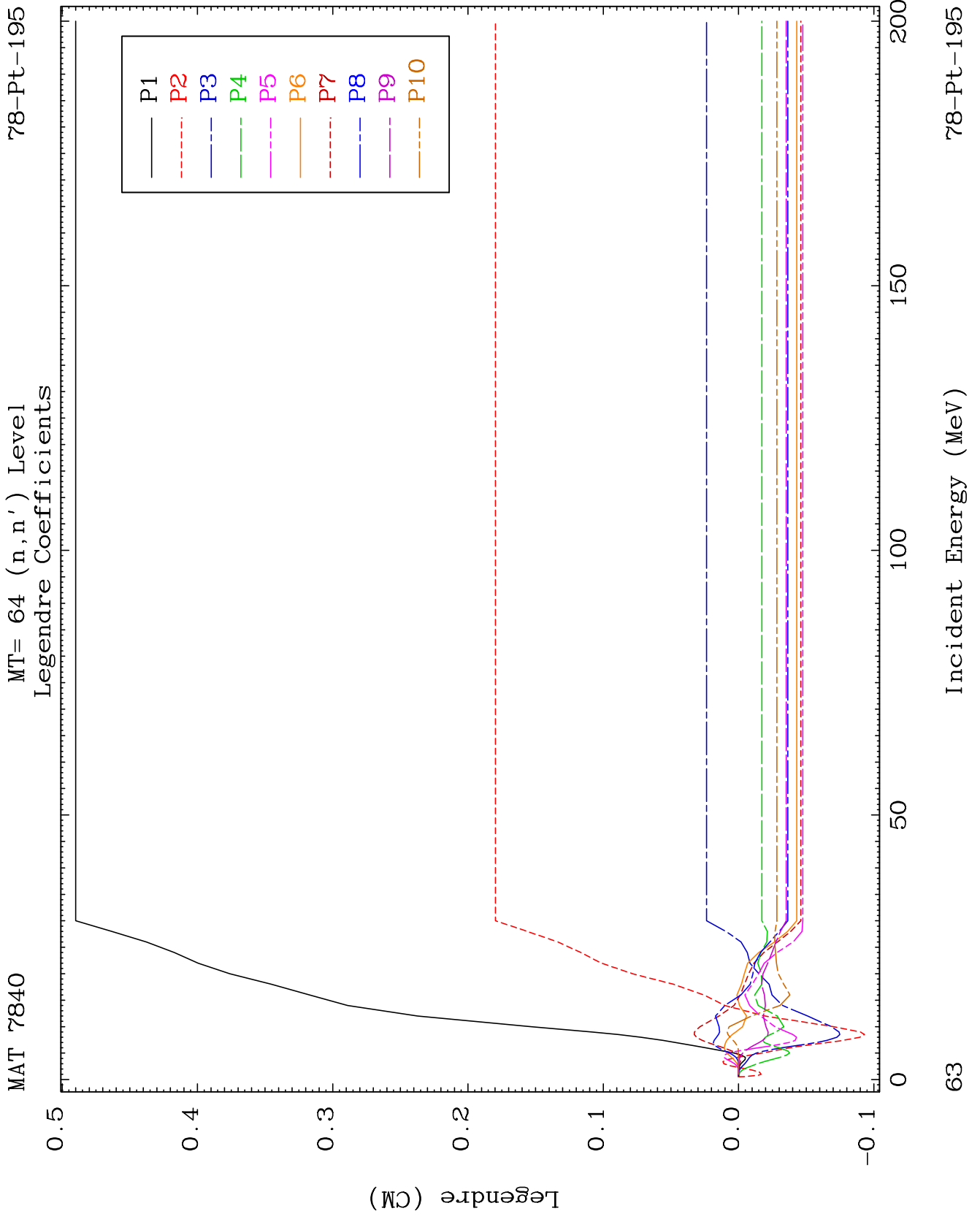
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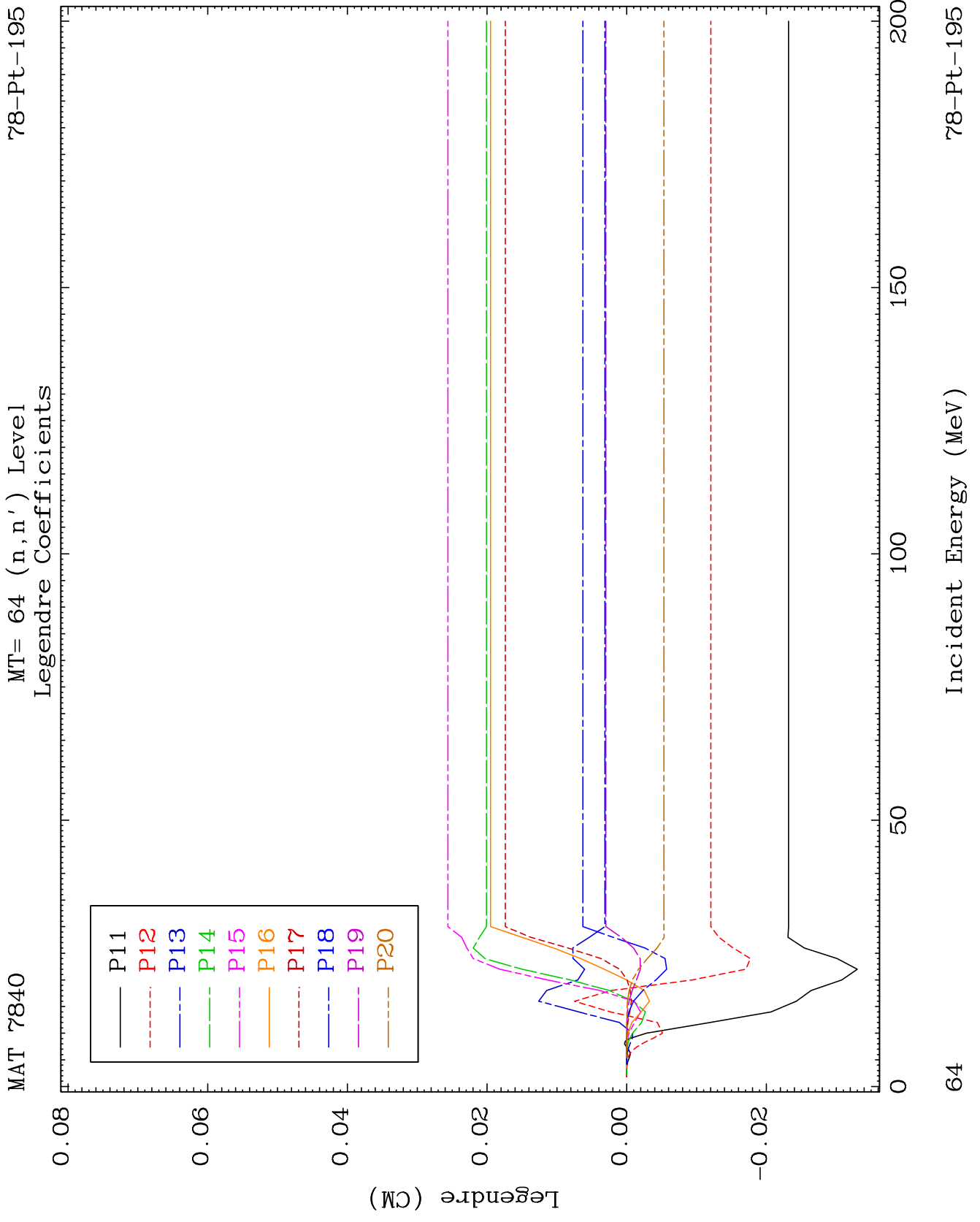


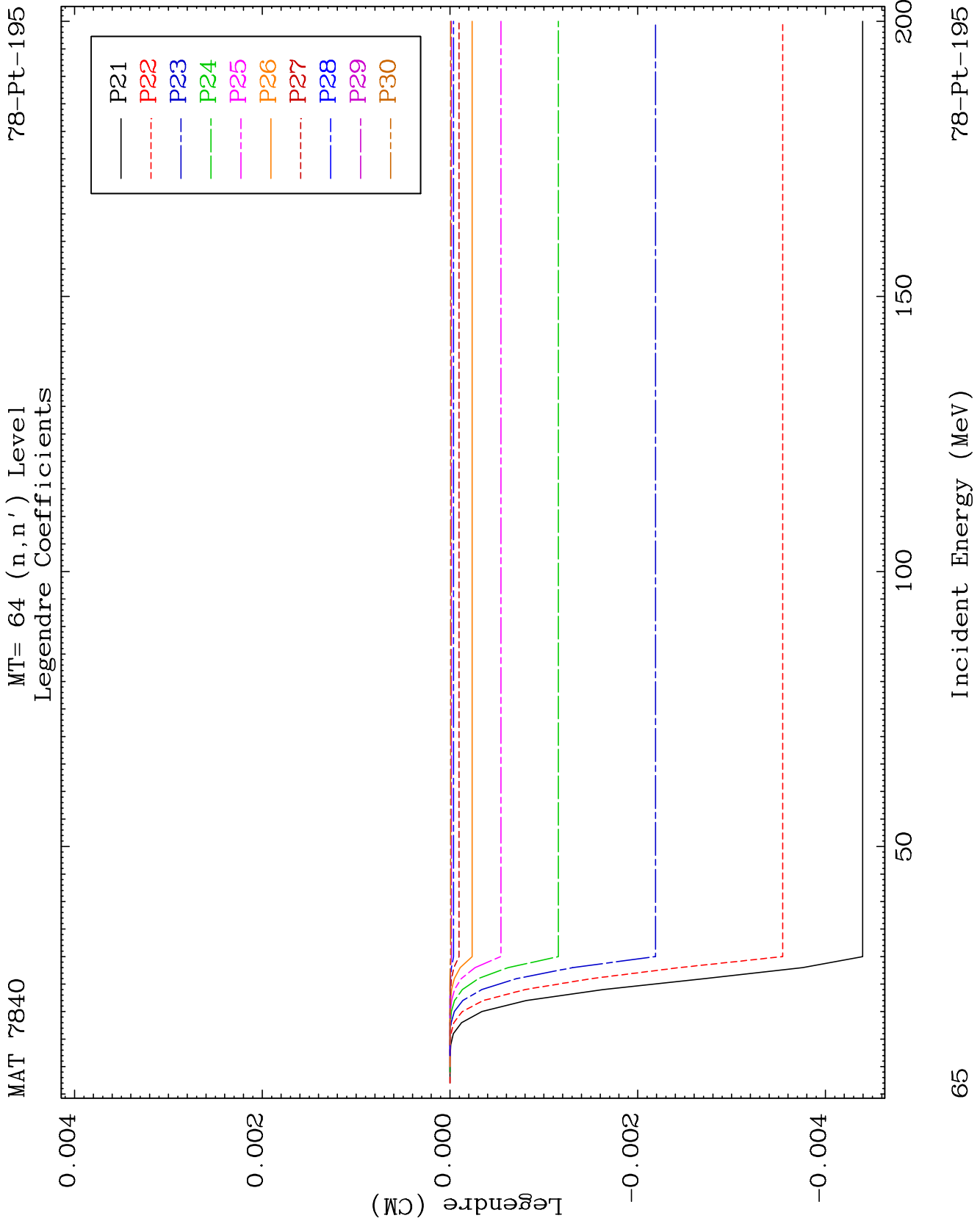


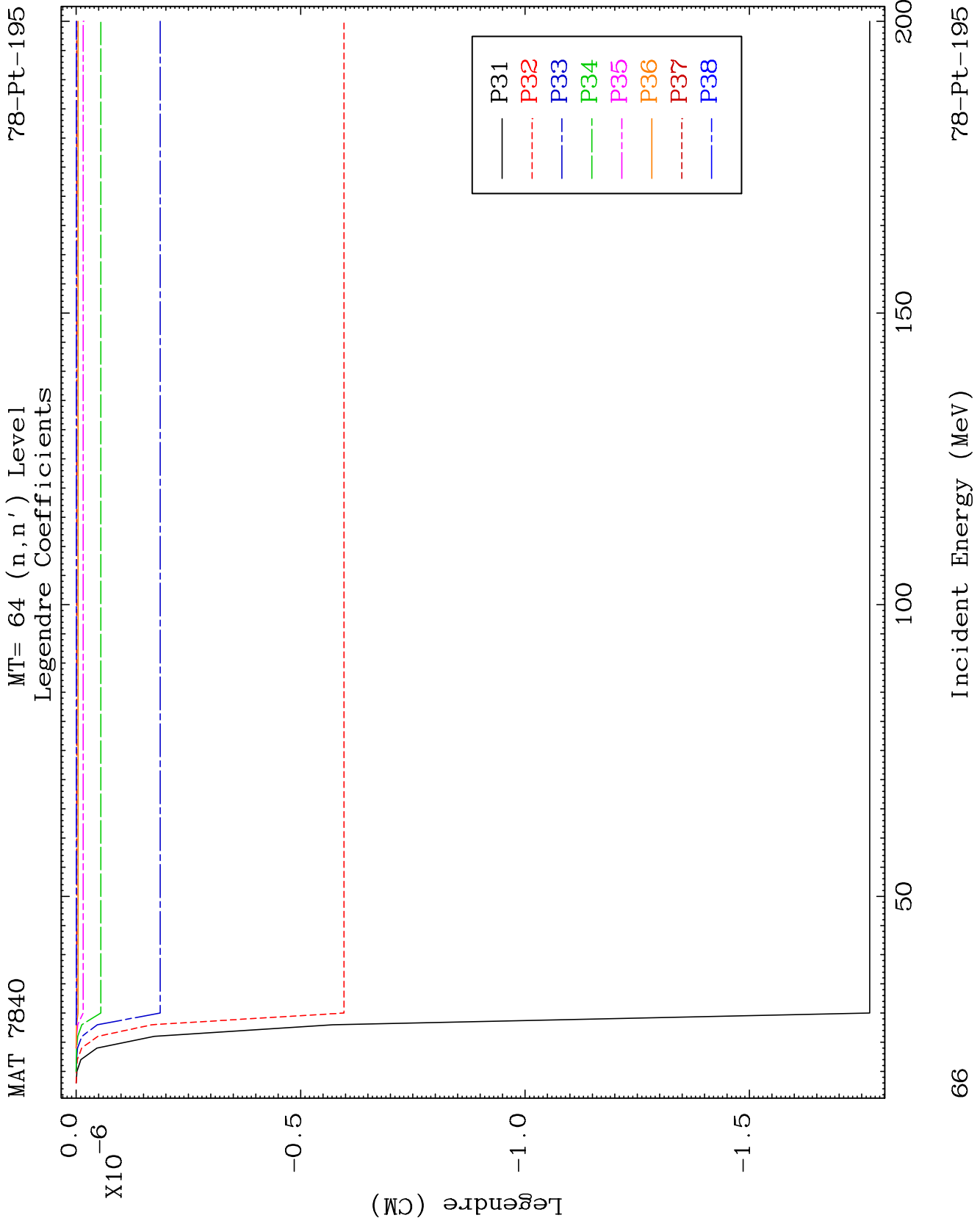








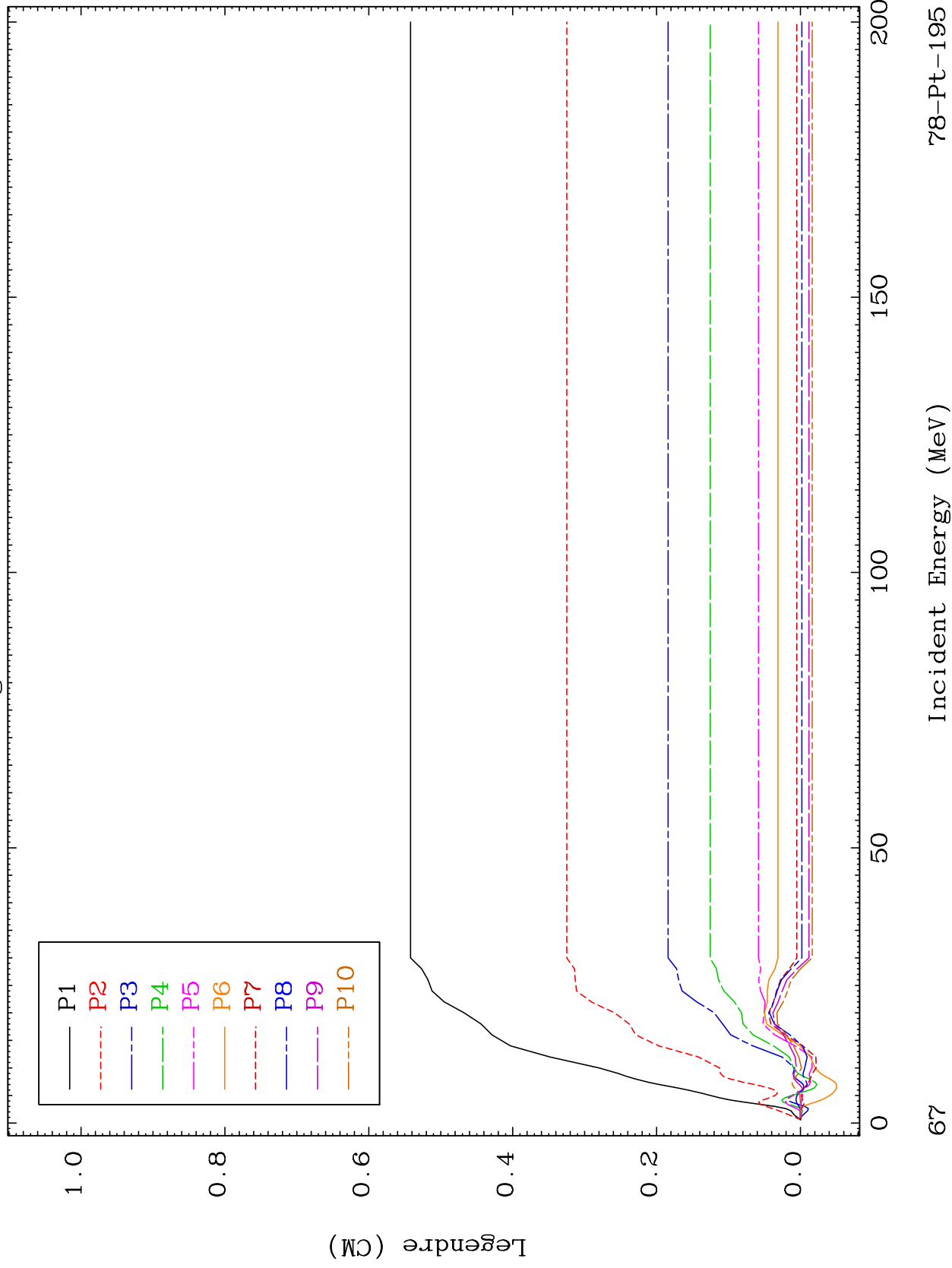




MAT 7840

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

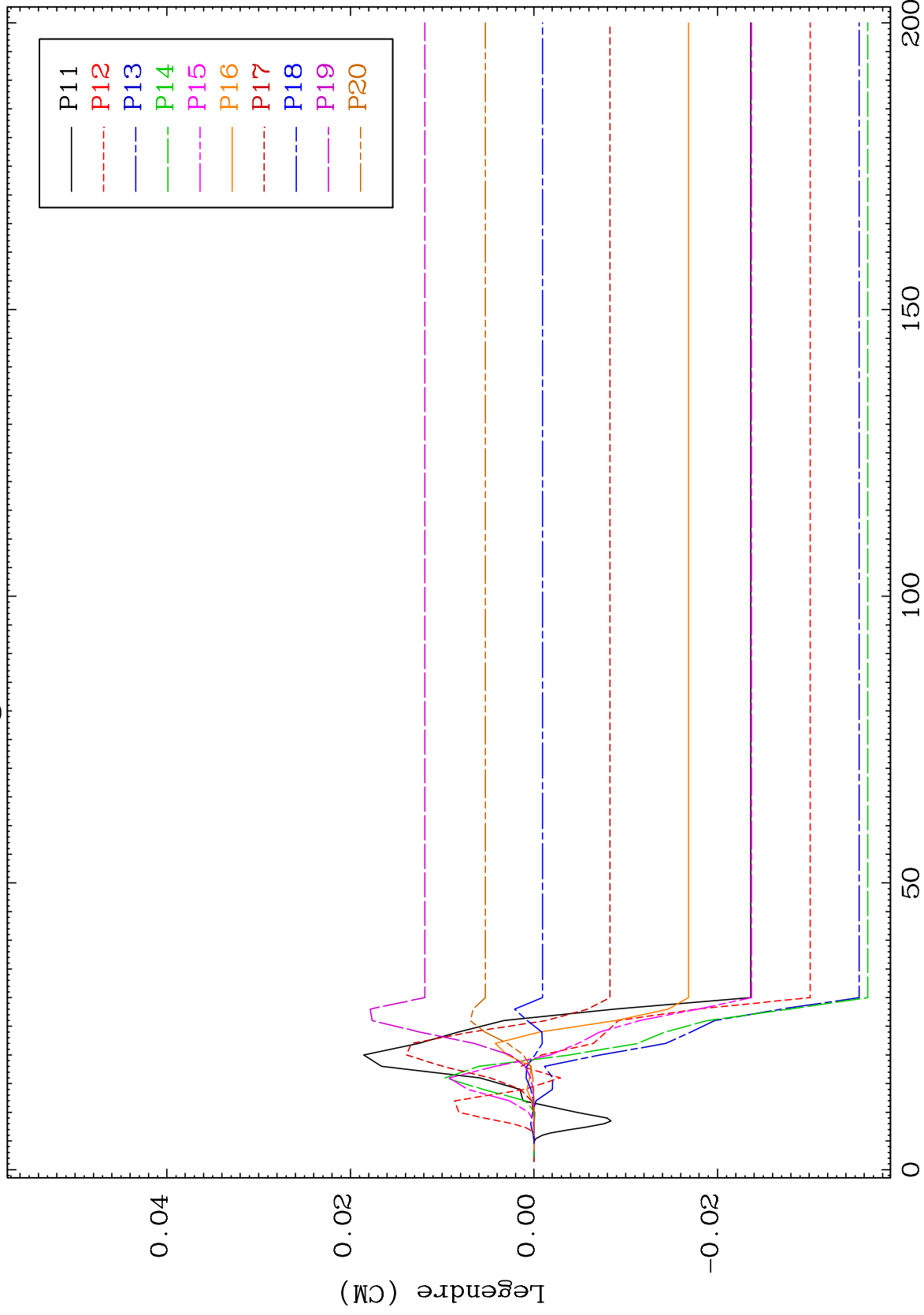
78-Pt-195



MAT 7840

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

78-Pt-195



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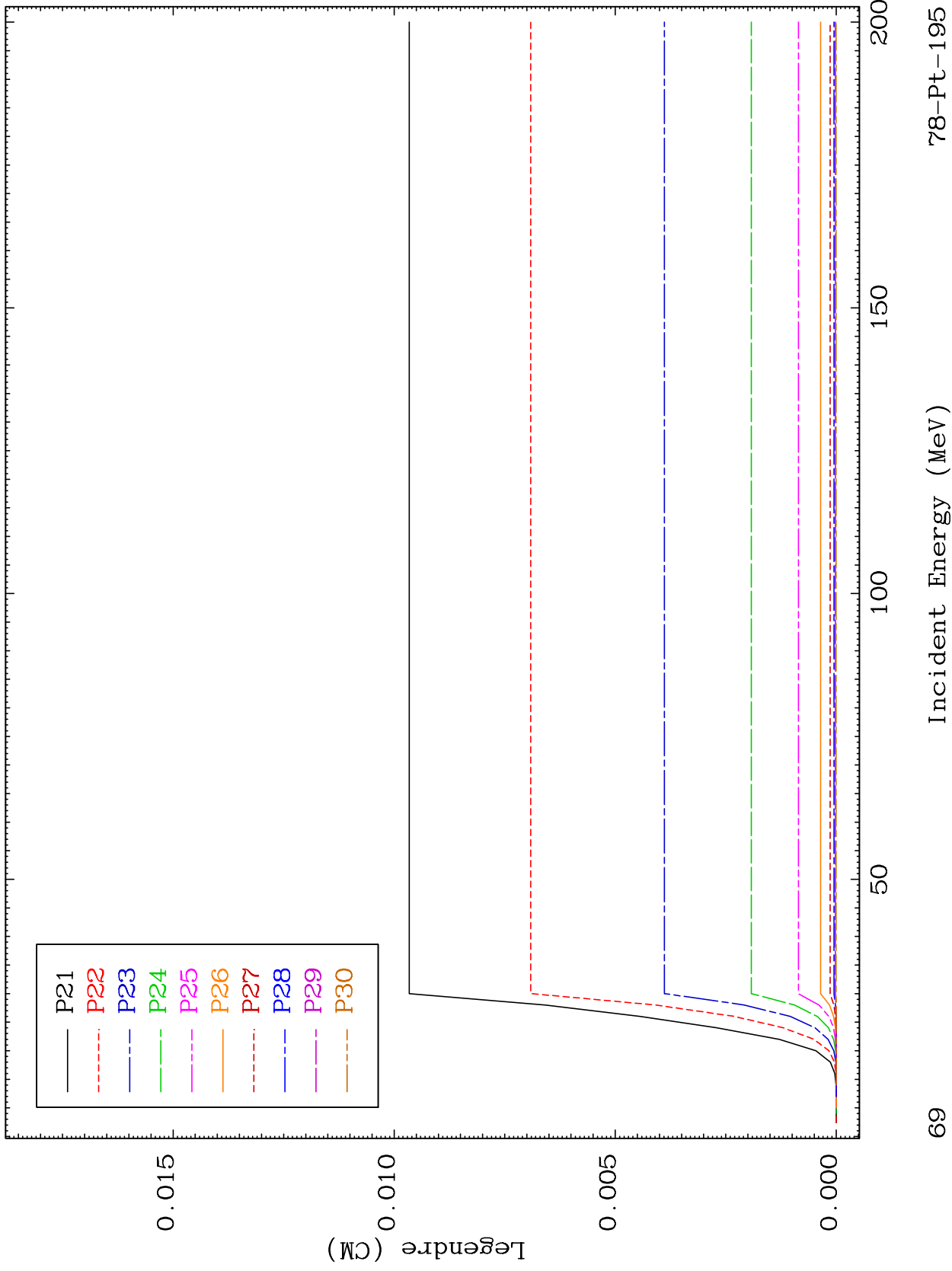
Incident Energy (MeV)

78-Pt-195

MAT 7840

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

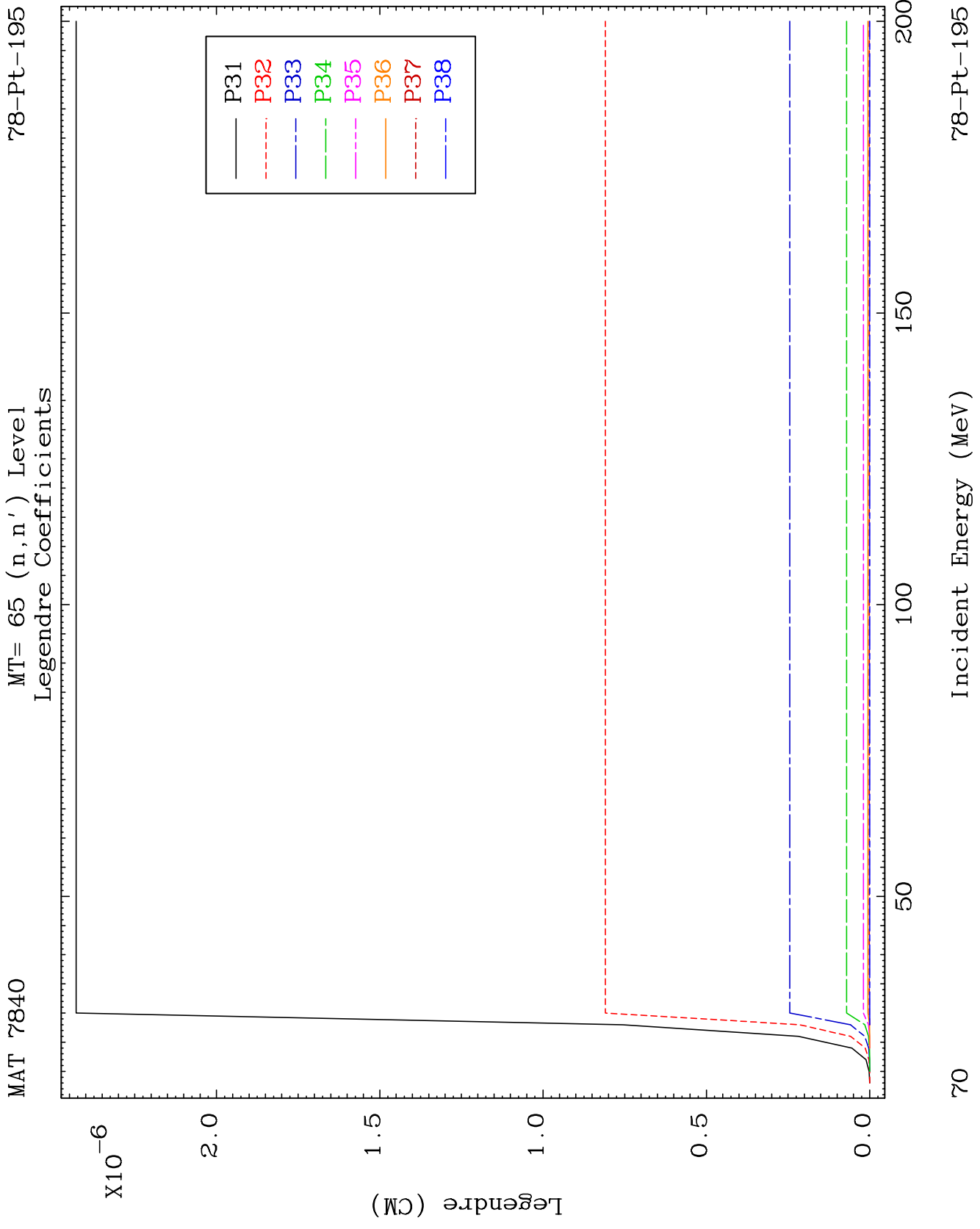
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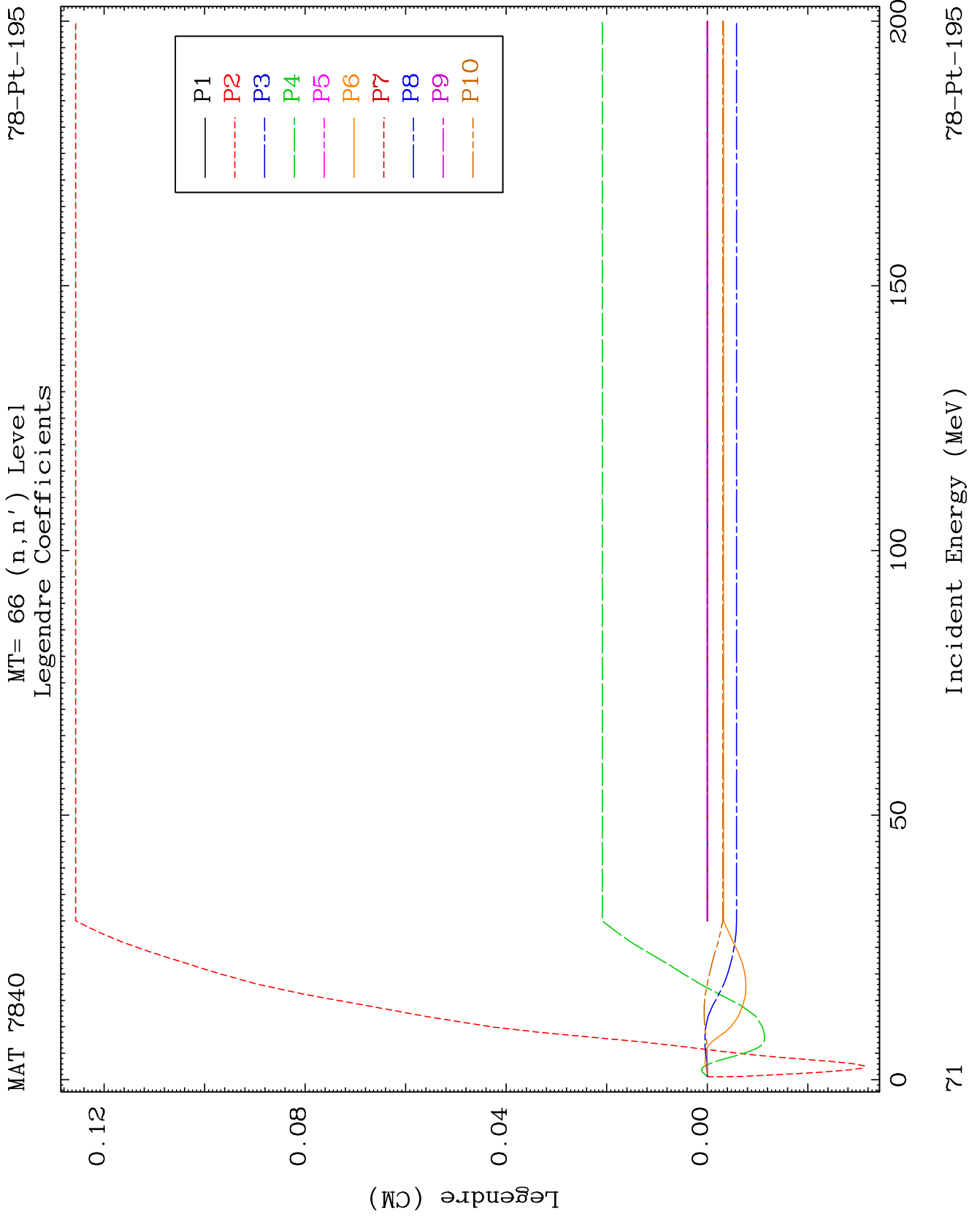


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Incident Energy (MeV)

78-Pt-195

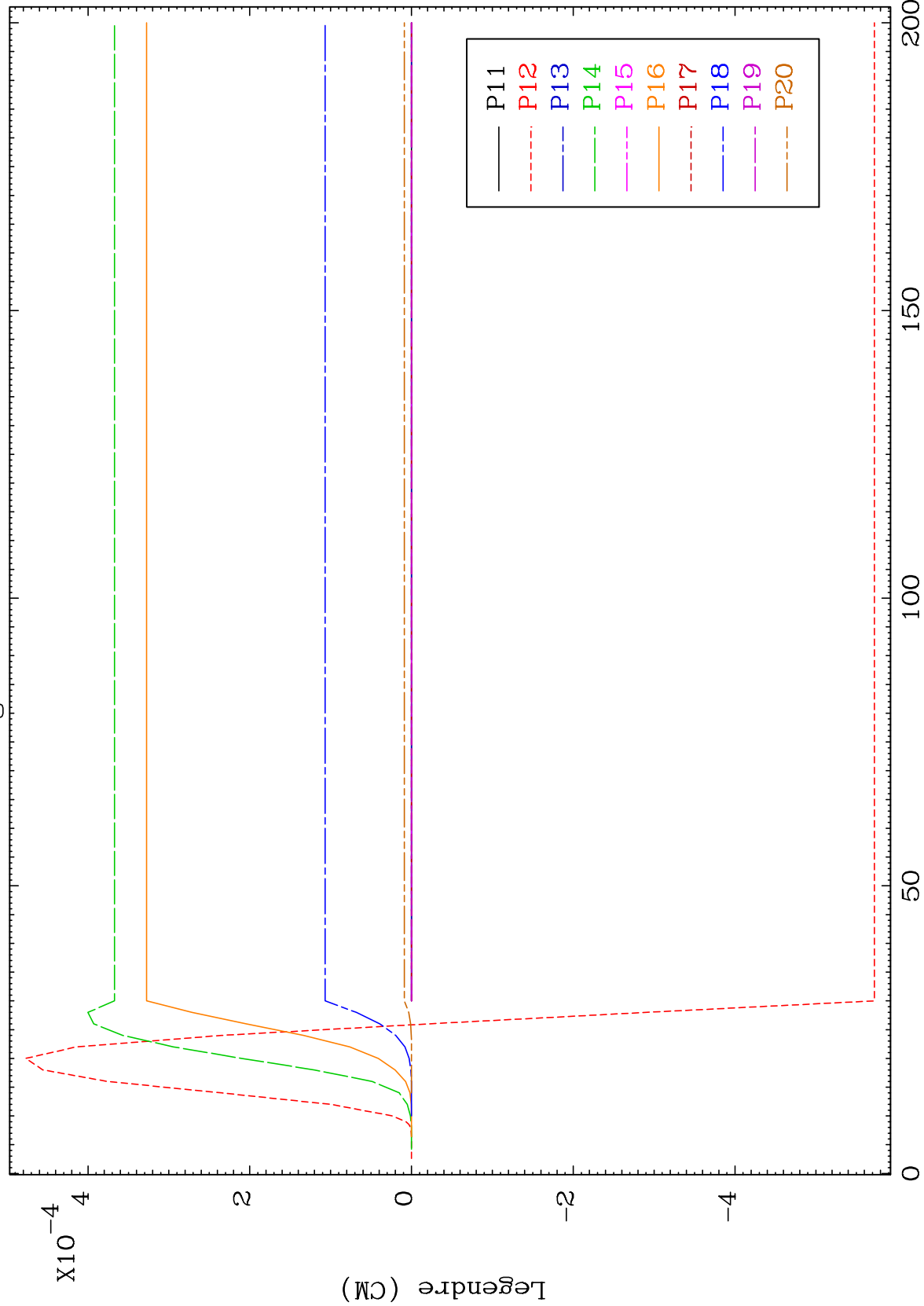




MAT 7840

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

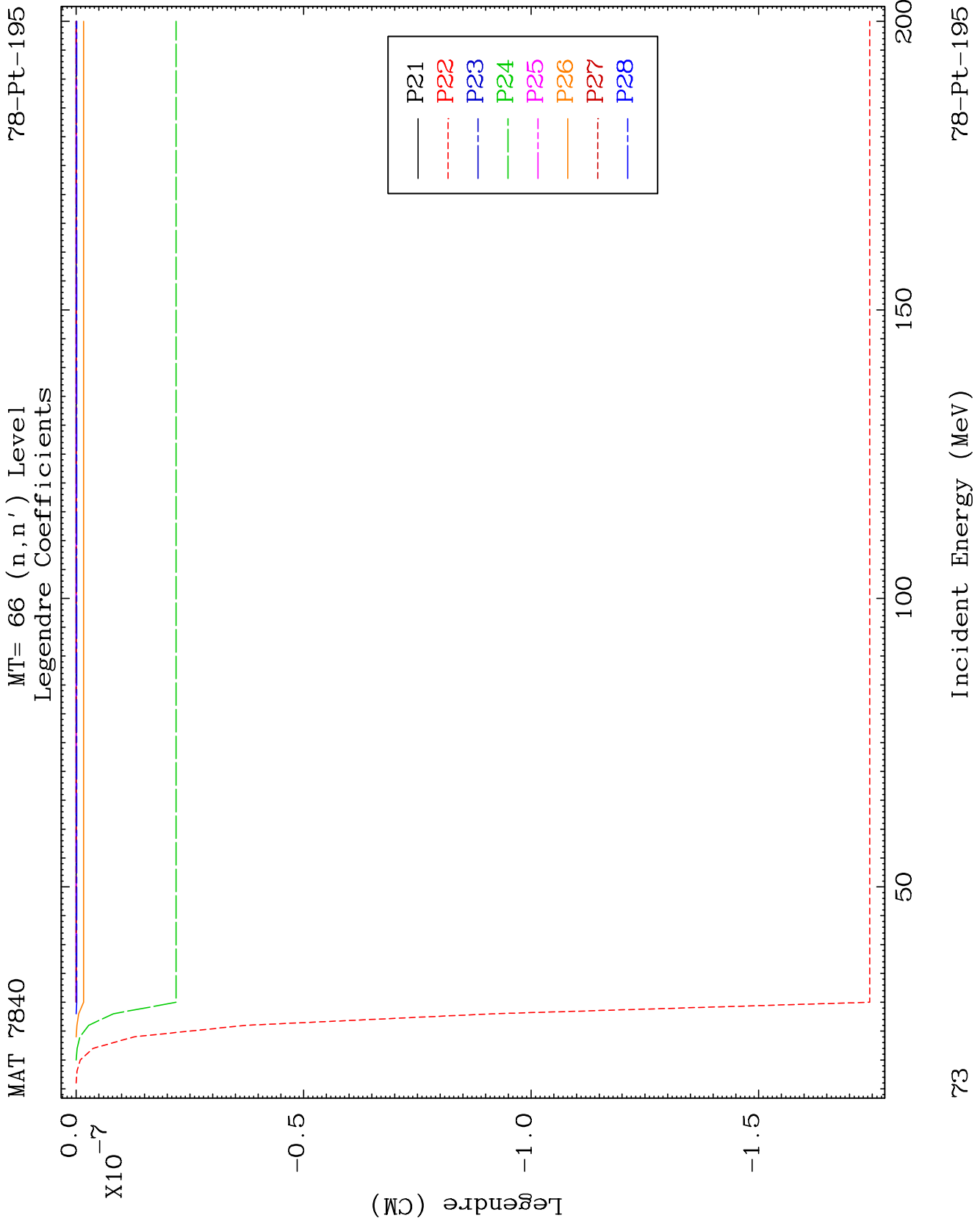
78-Pt-195



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Incident Energy (MeV)

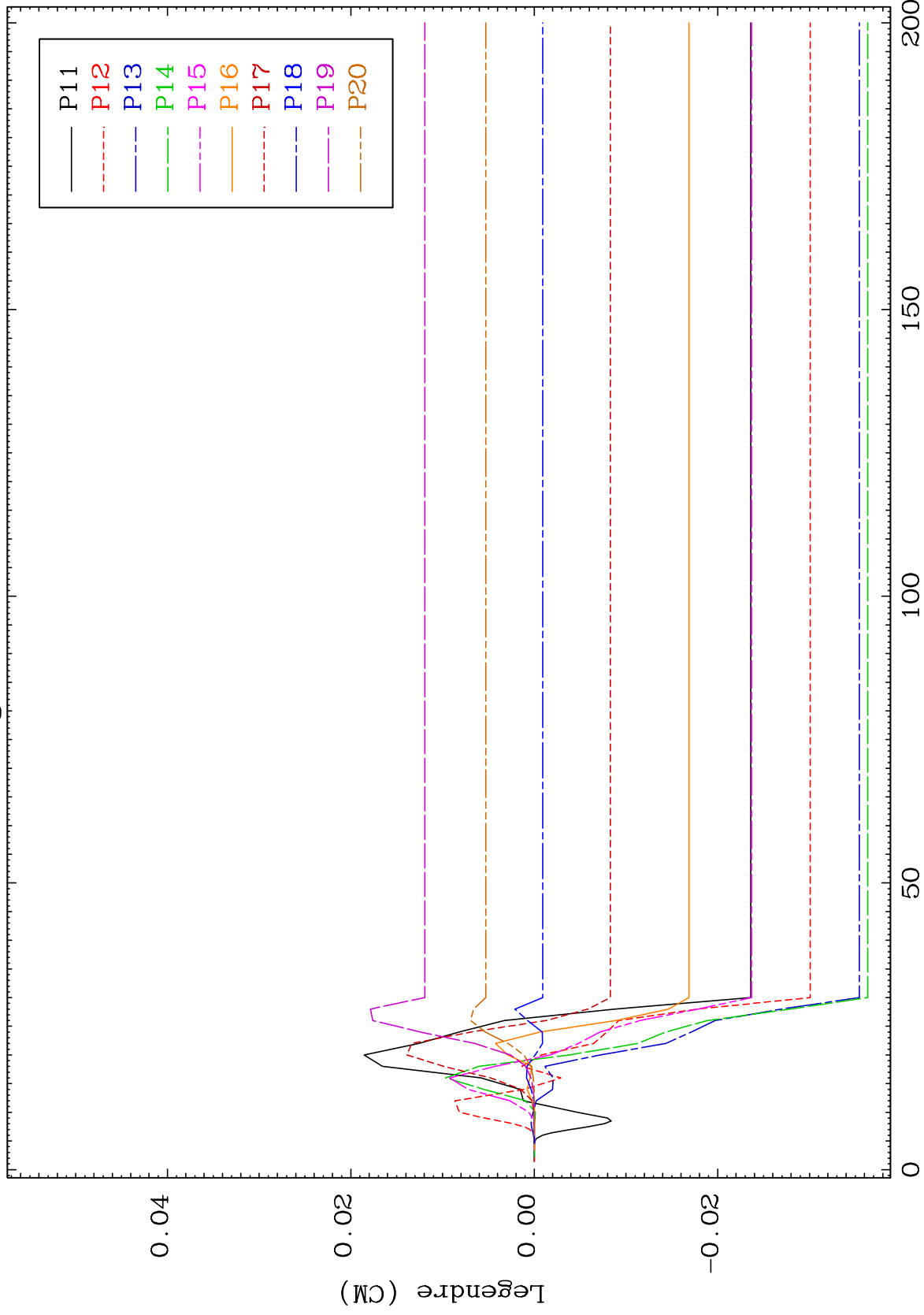
78-Pt-195



MAT 7840

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

78-Pt-195



75

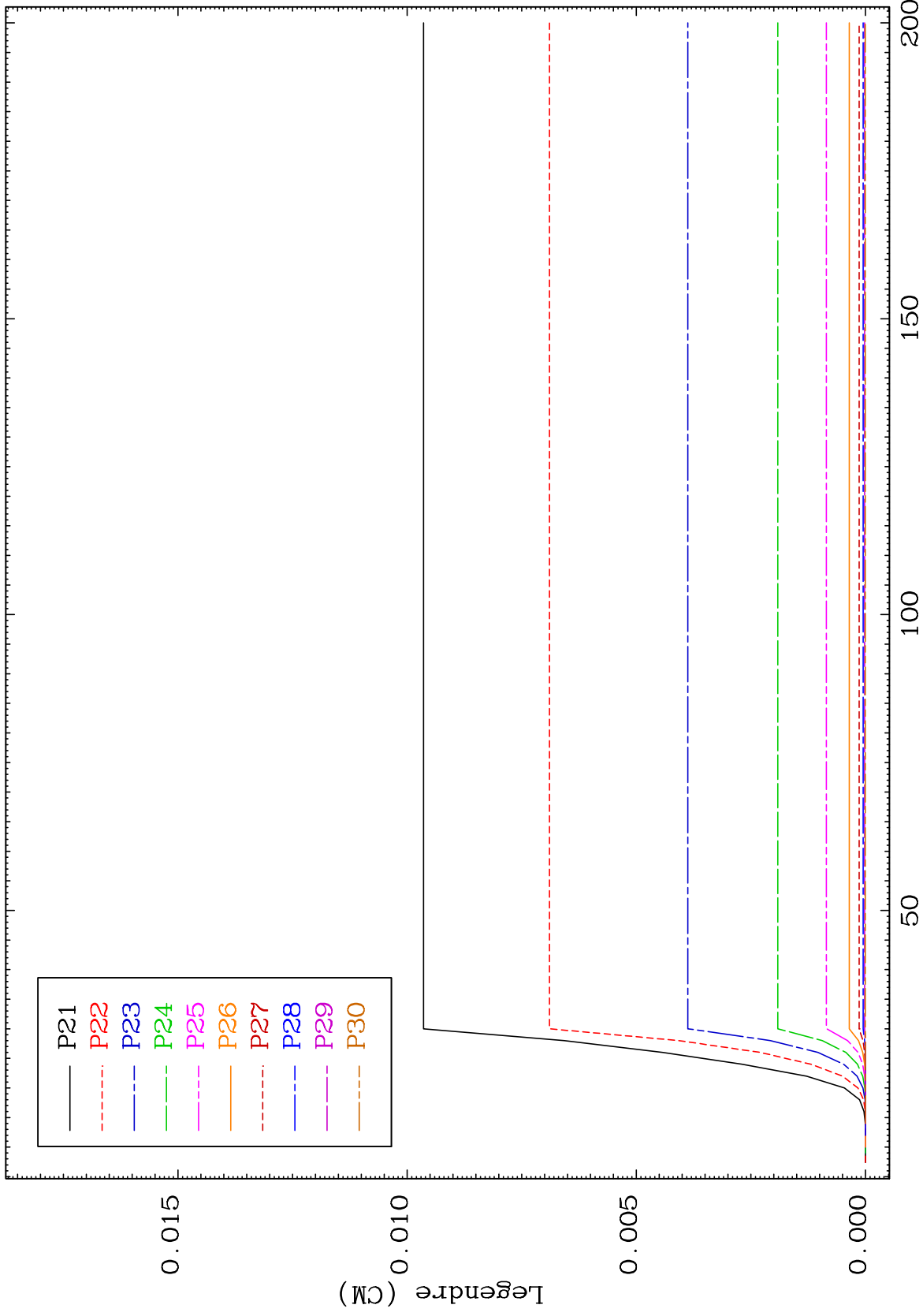
Incident Energy (MeV)

78-Pt-195

MAT 7840

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

78-Pt-195



76

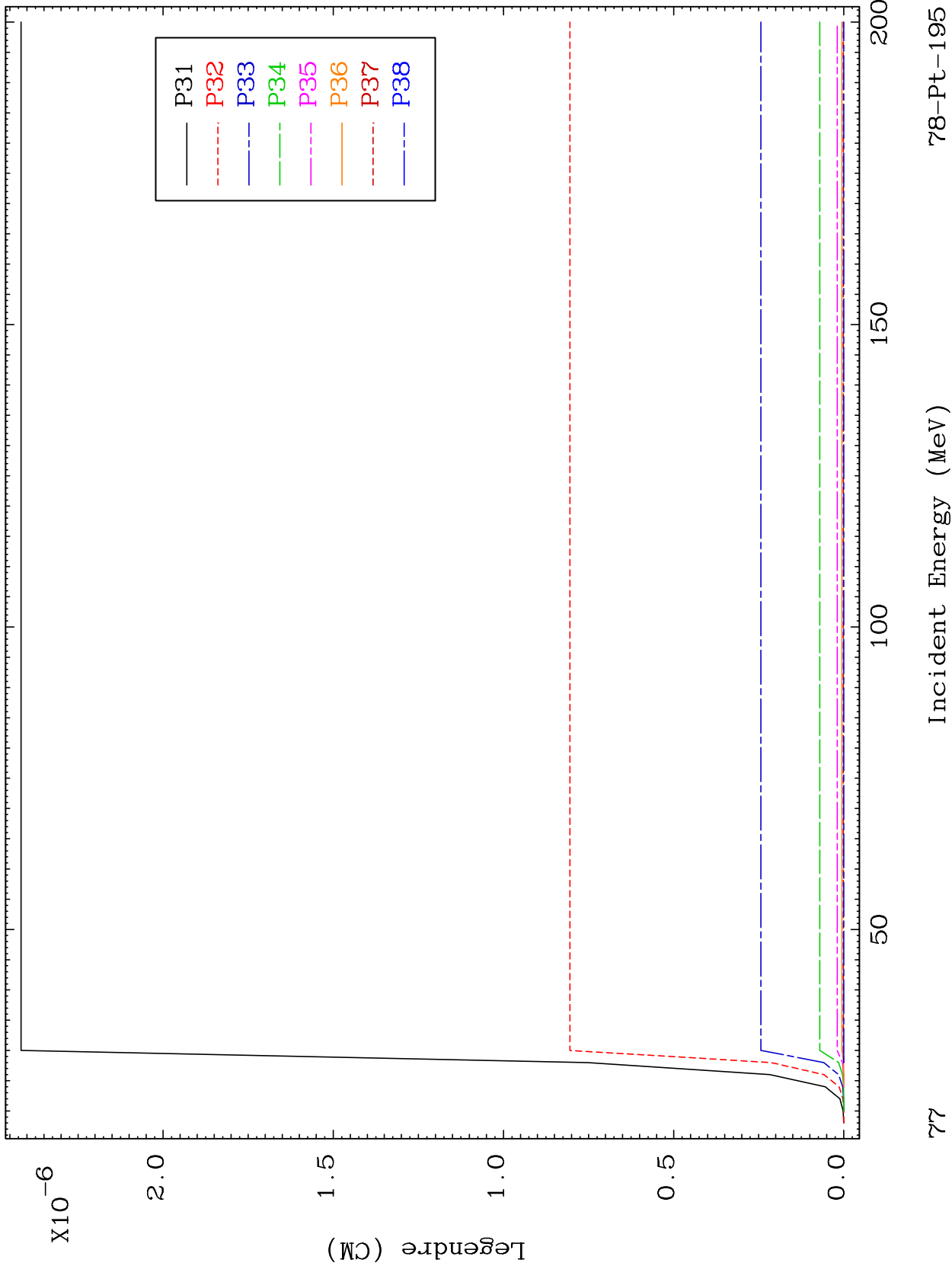
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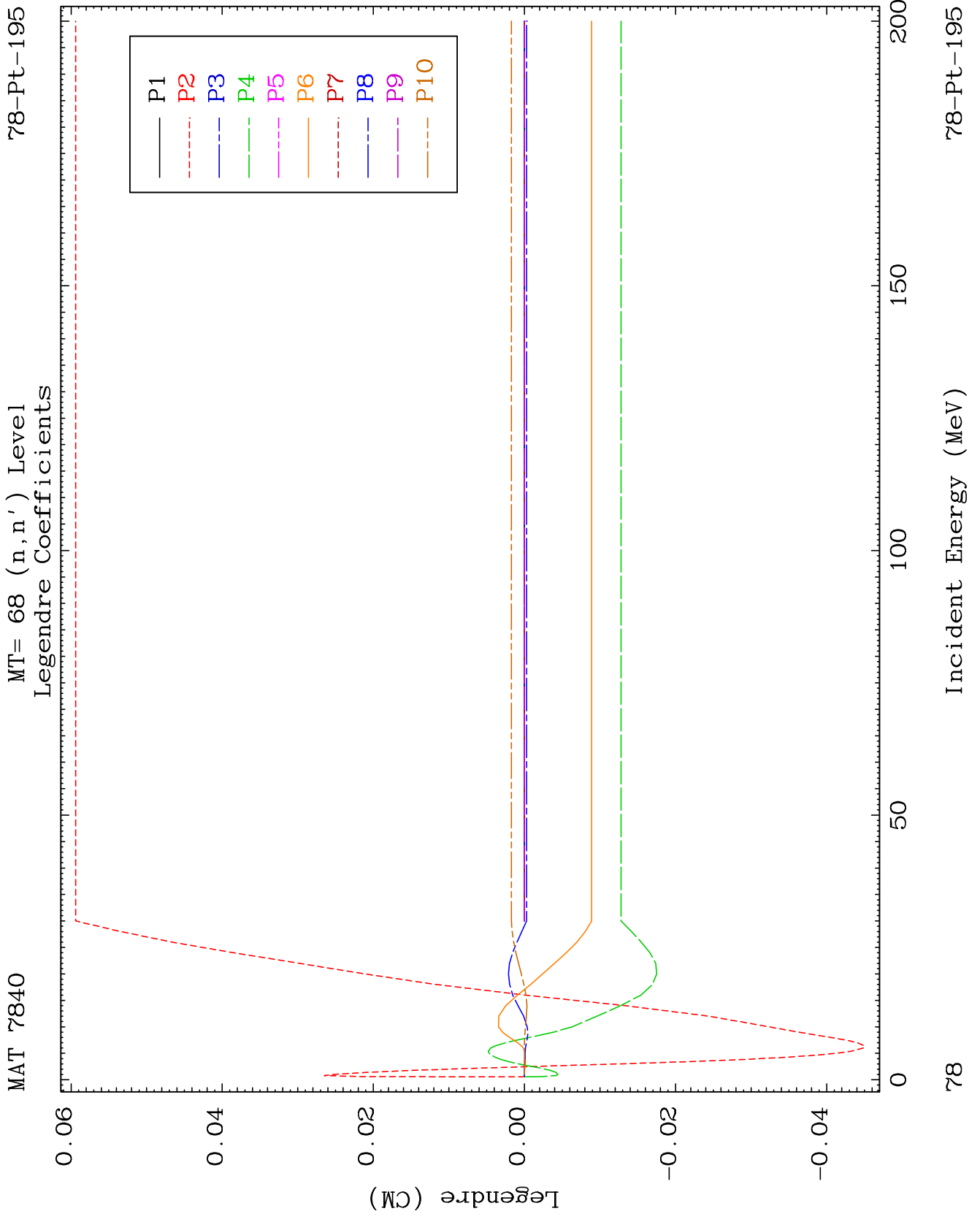
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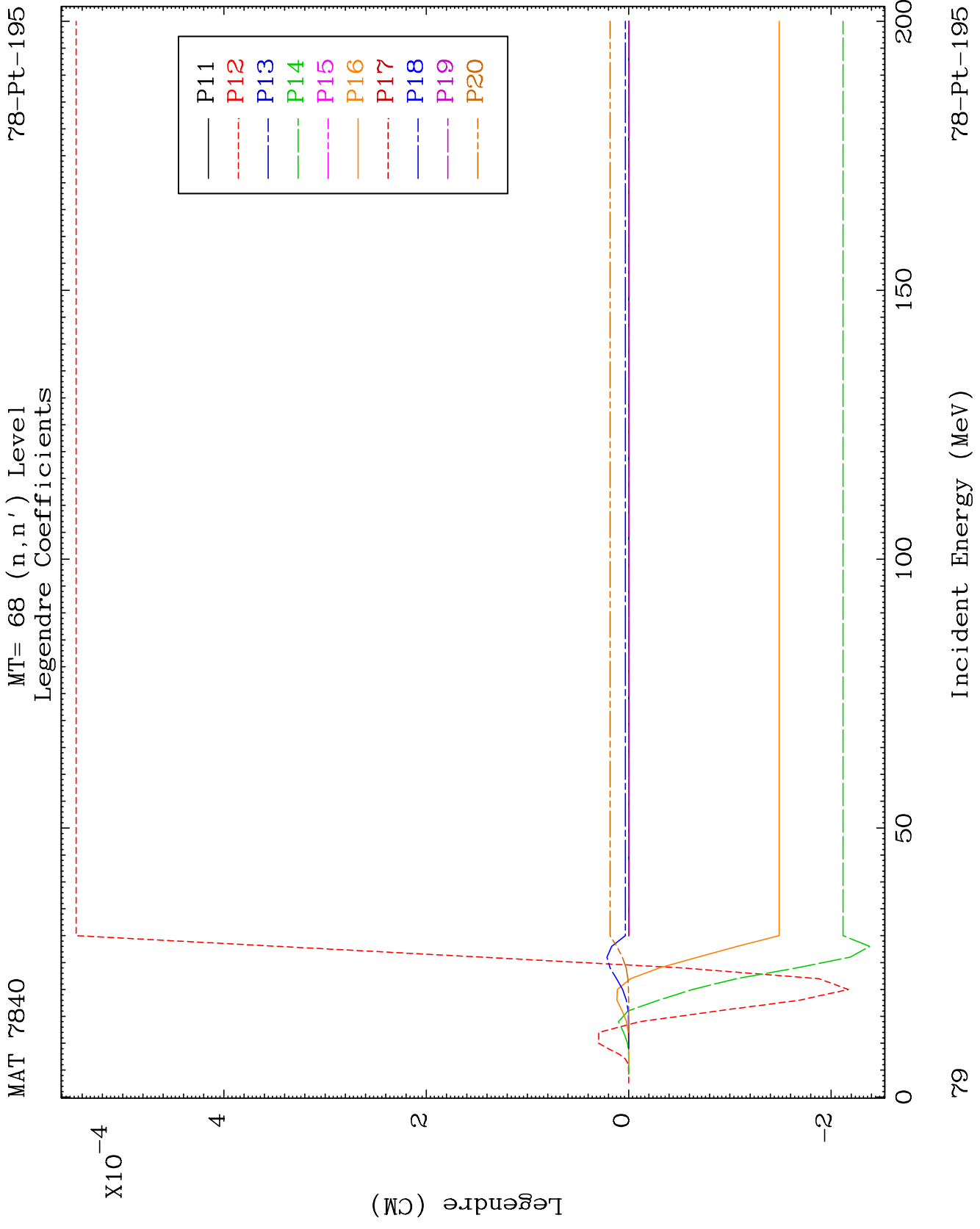
MAT 7840

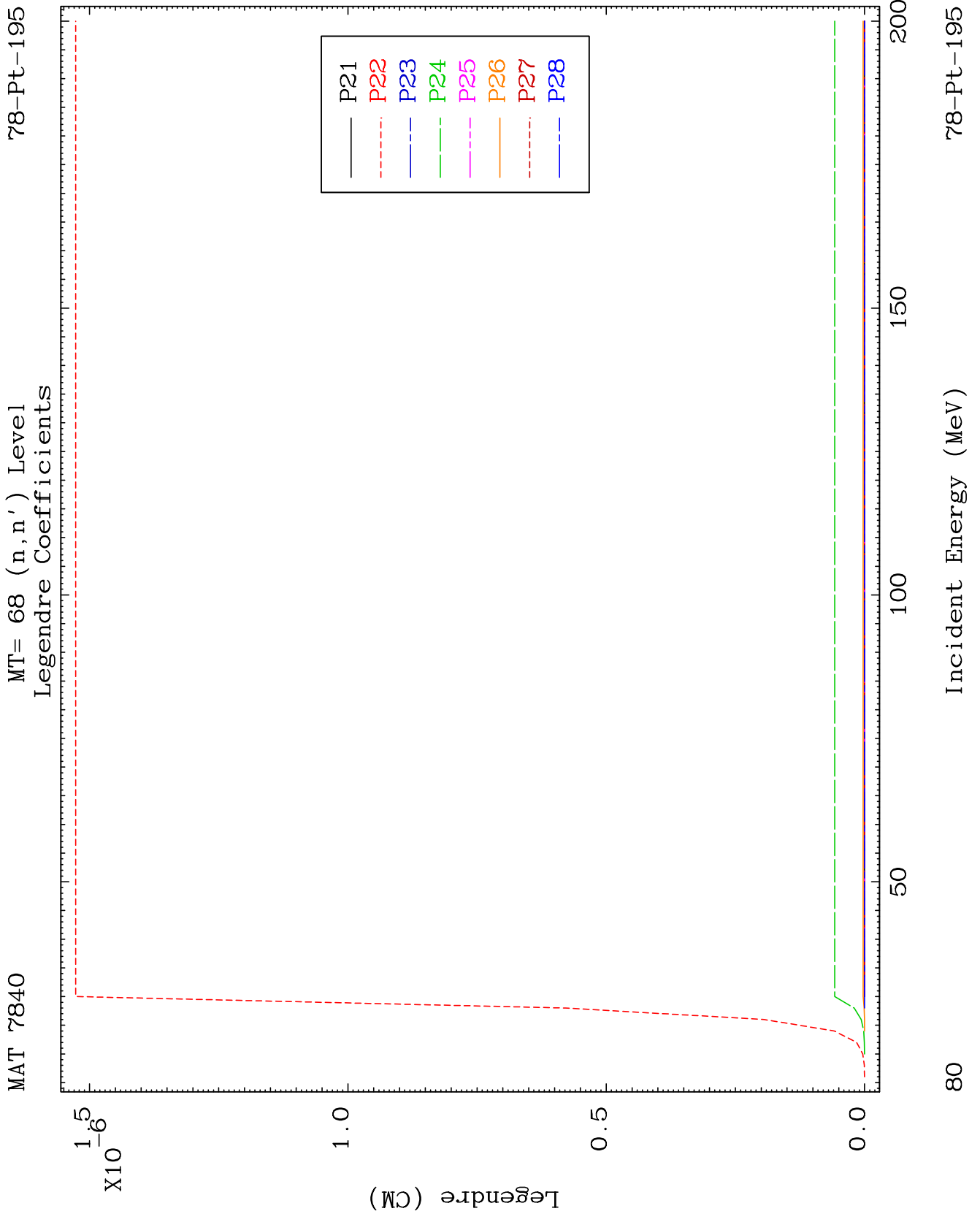
MT= 67 (n,n') Level
Legendre Coefficients

78-Pt-195





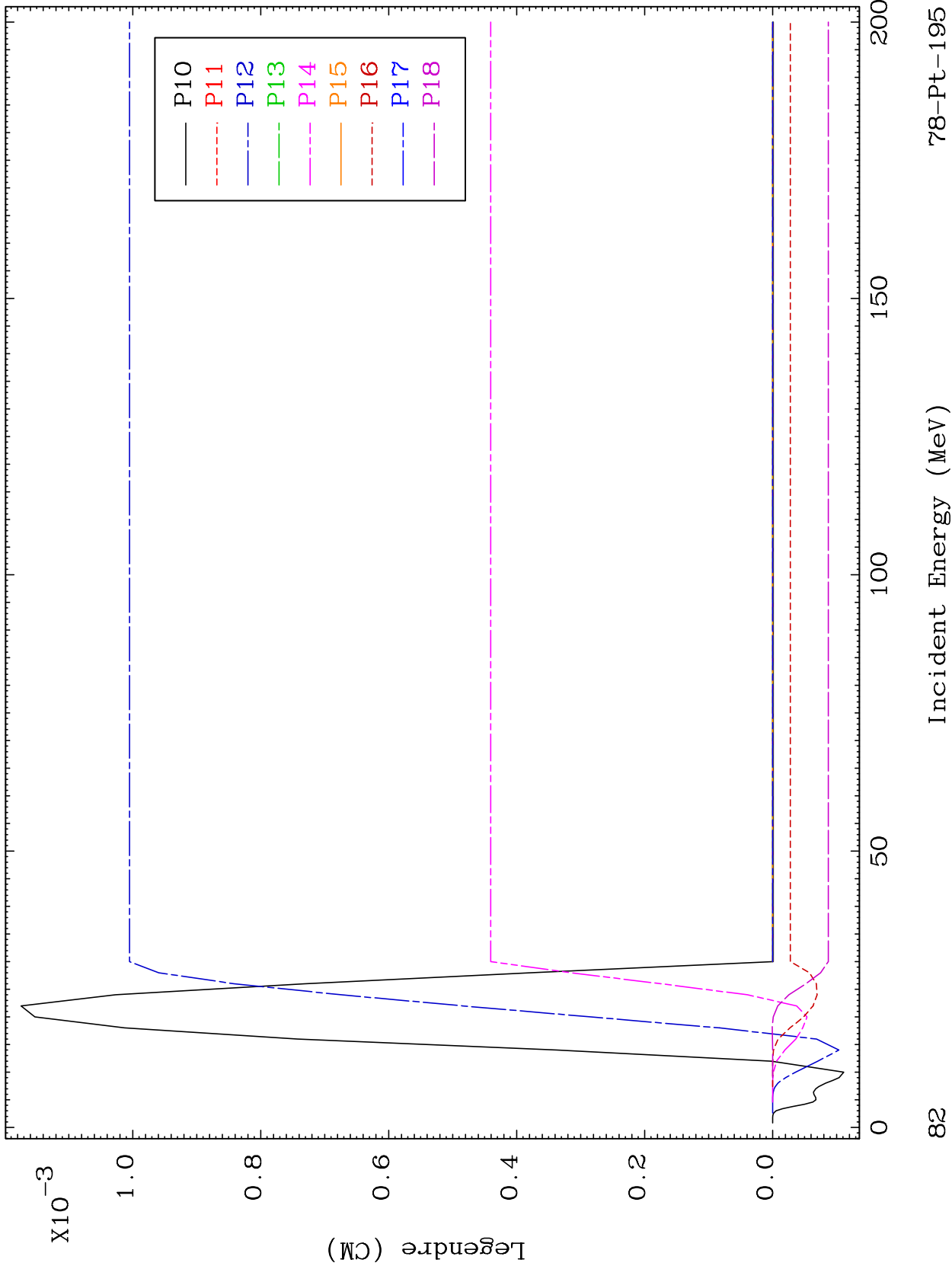




MAT 7840

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

78-Pt-195



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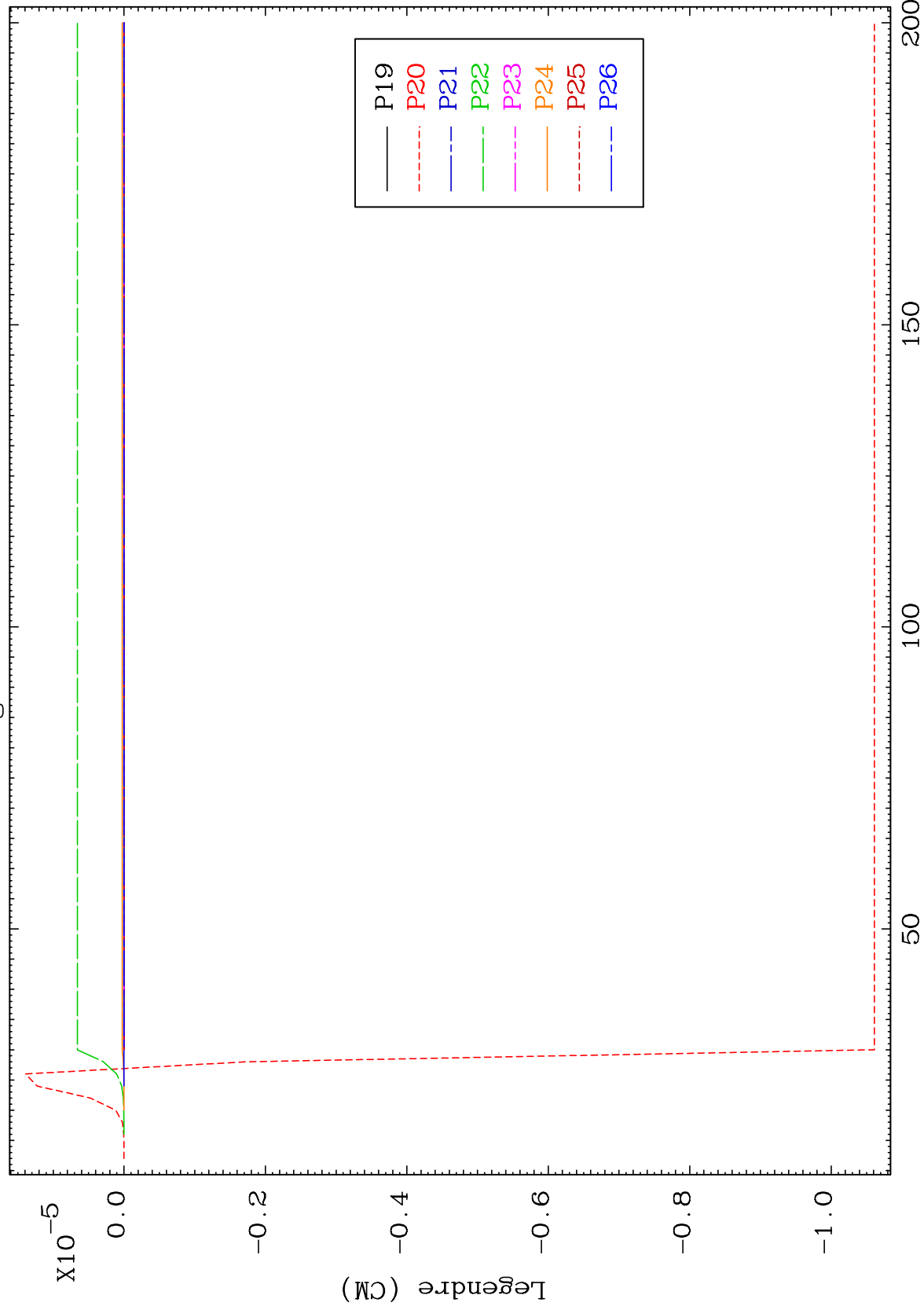
Incident Energy (MeV)

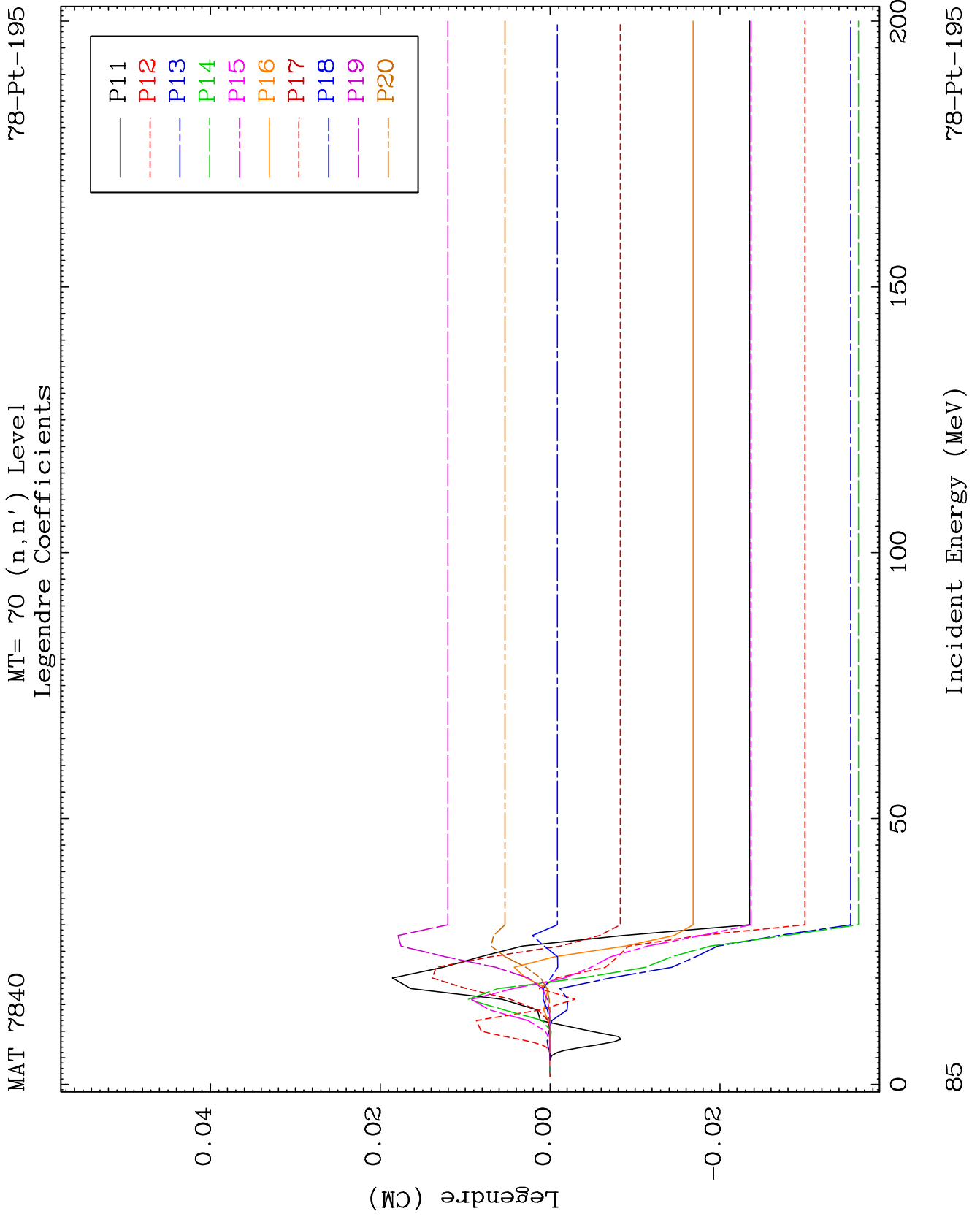
78-Pt-195

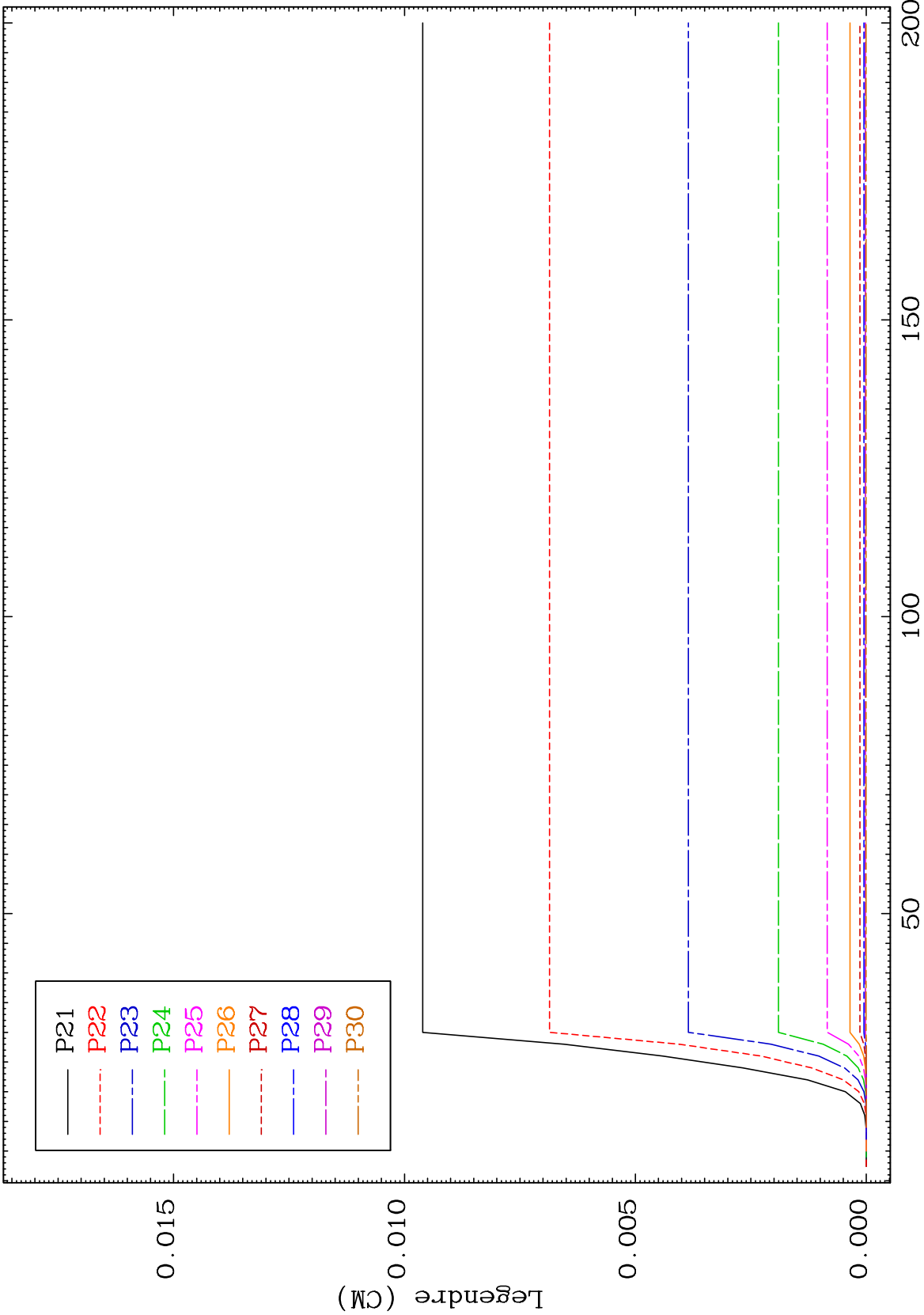
MAT 7840

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

78-Pt-195



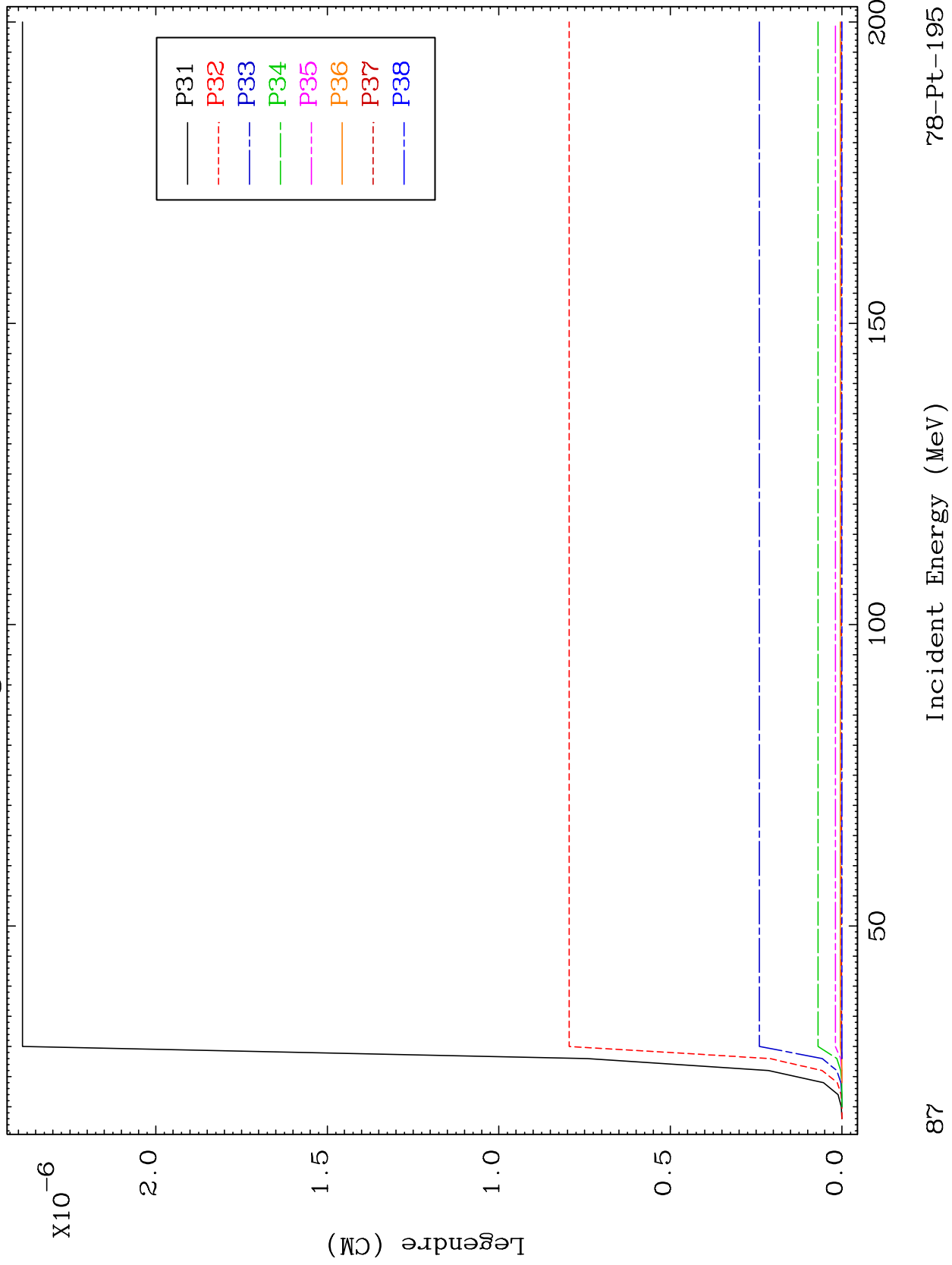


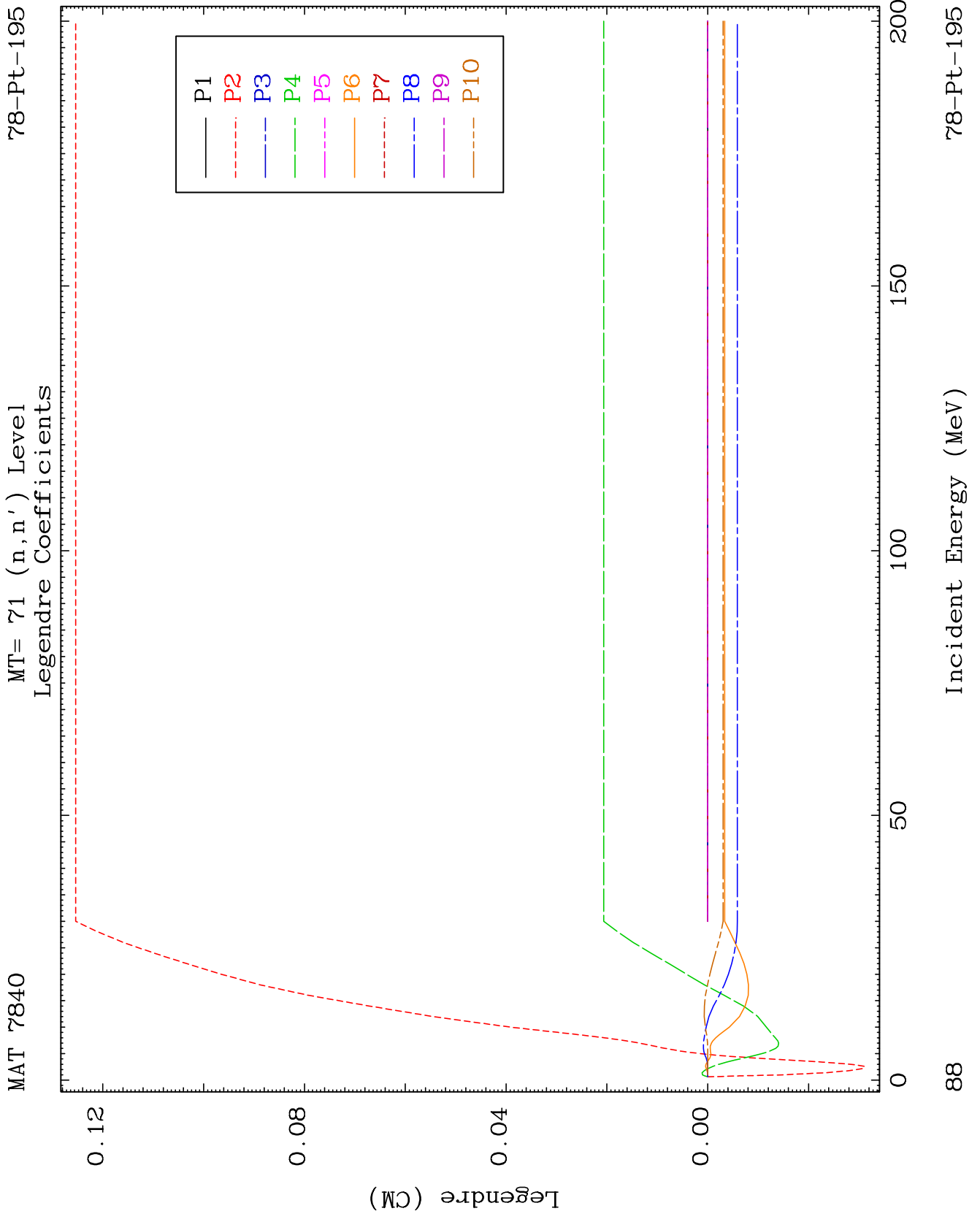


MAT 7840

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

78-Pt-195

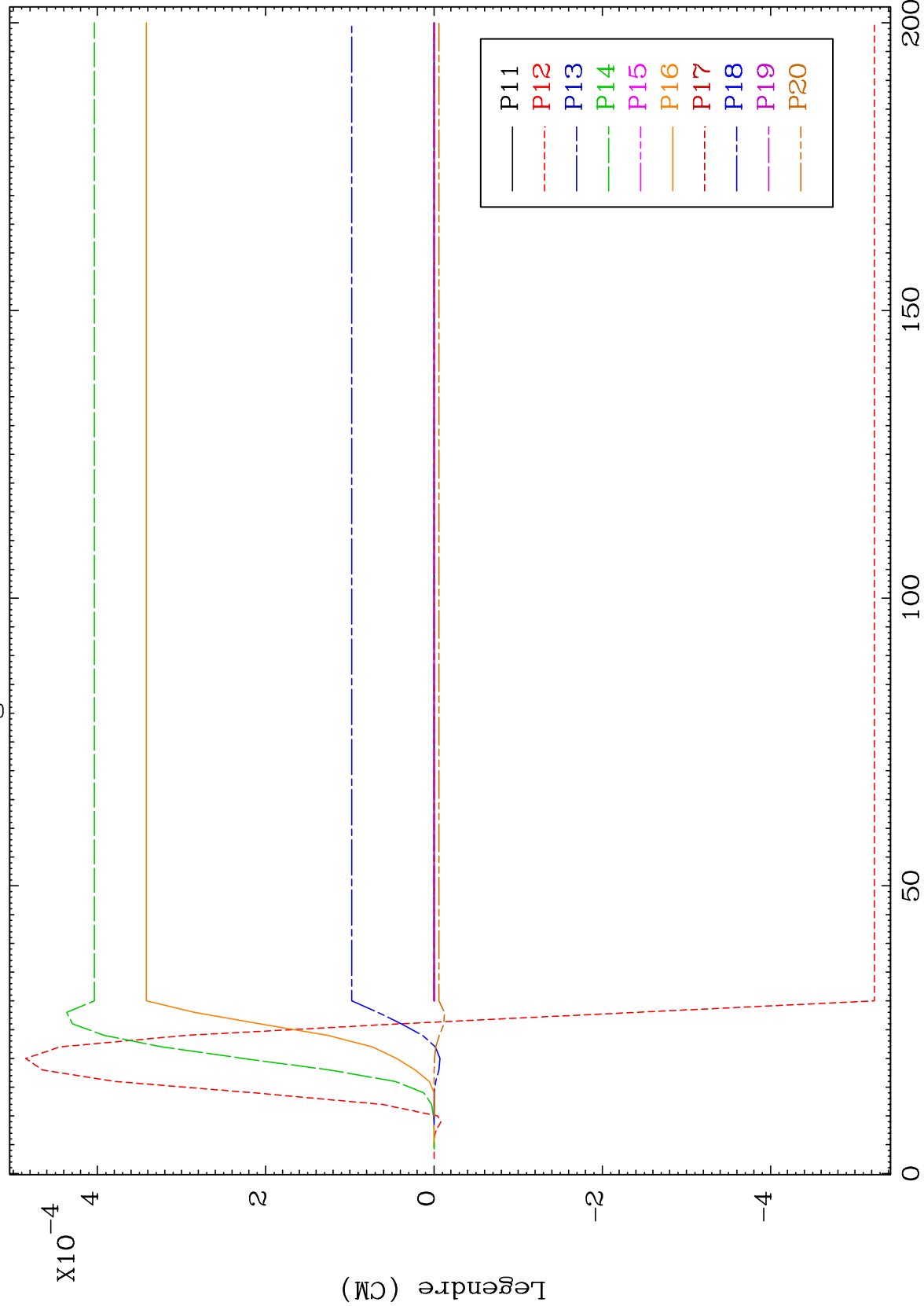




MAT 7840

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

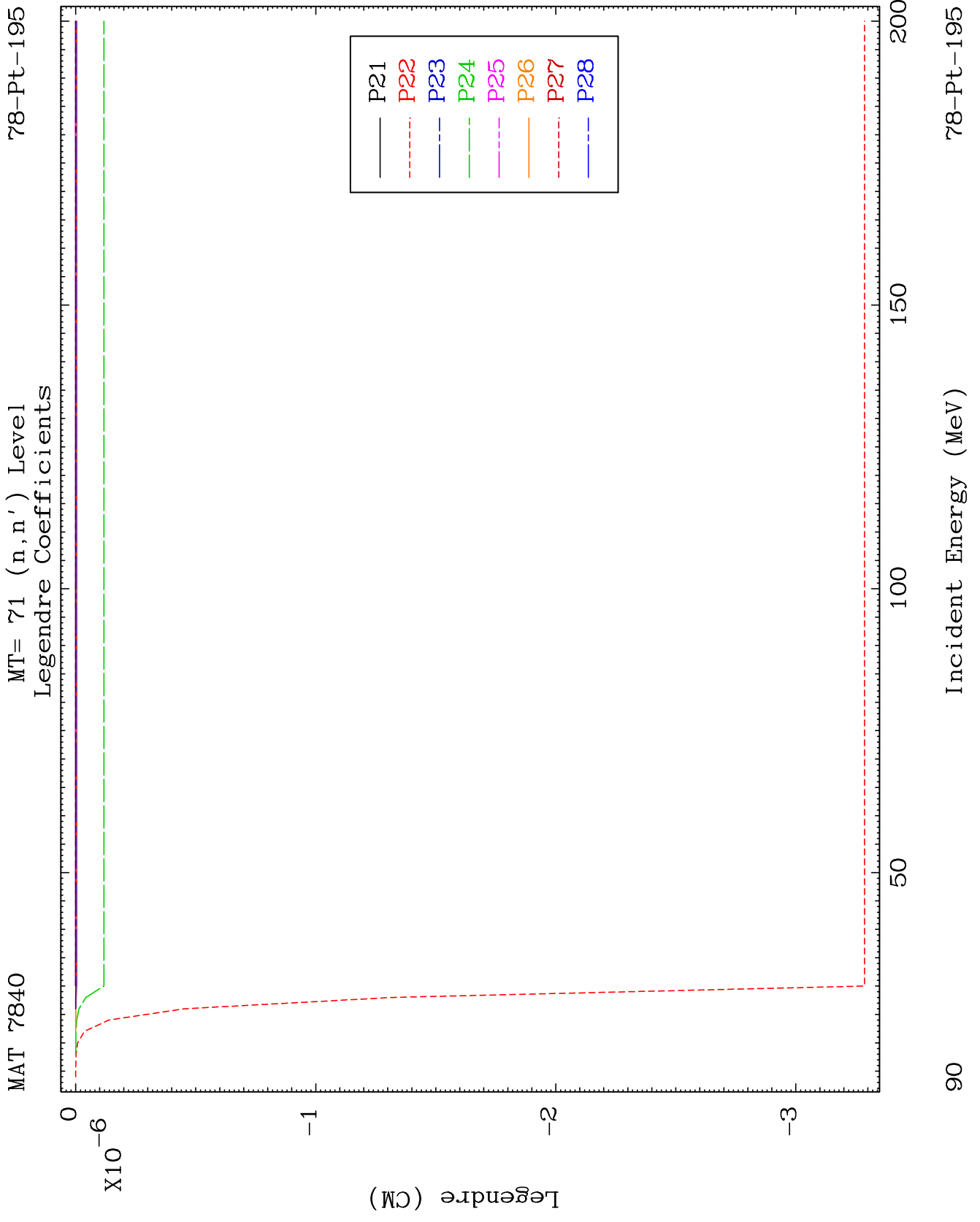
78-Pt-195

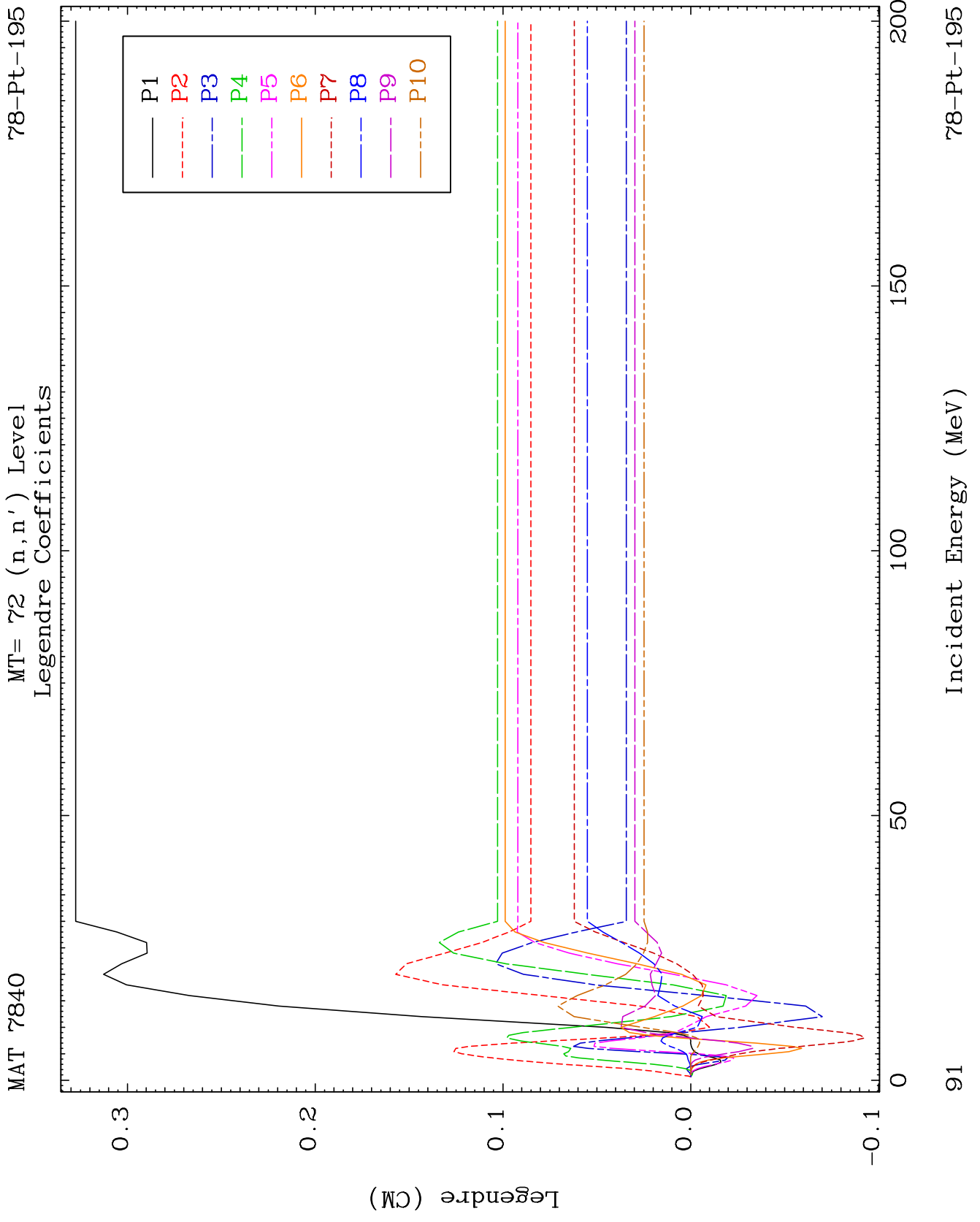


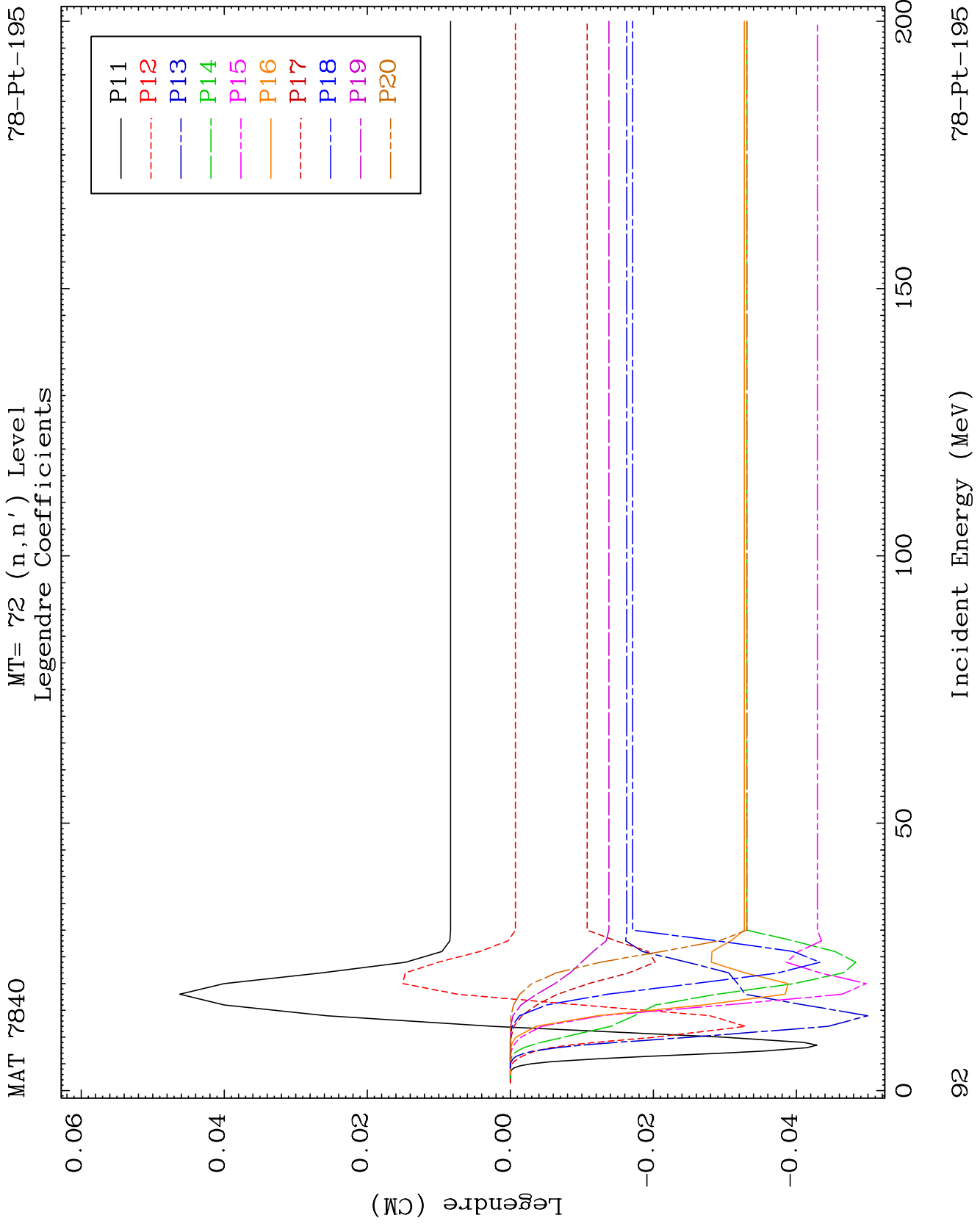
89

Incident Energy (MeV)

78-Pt-195



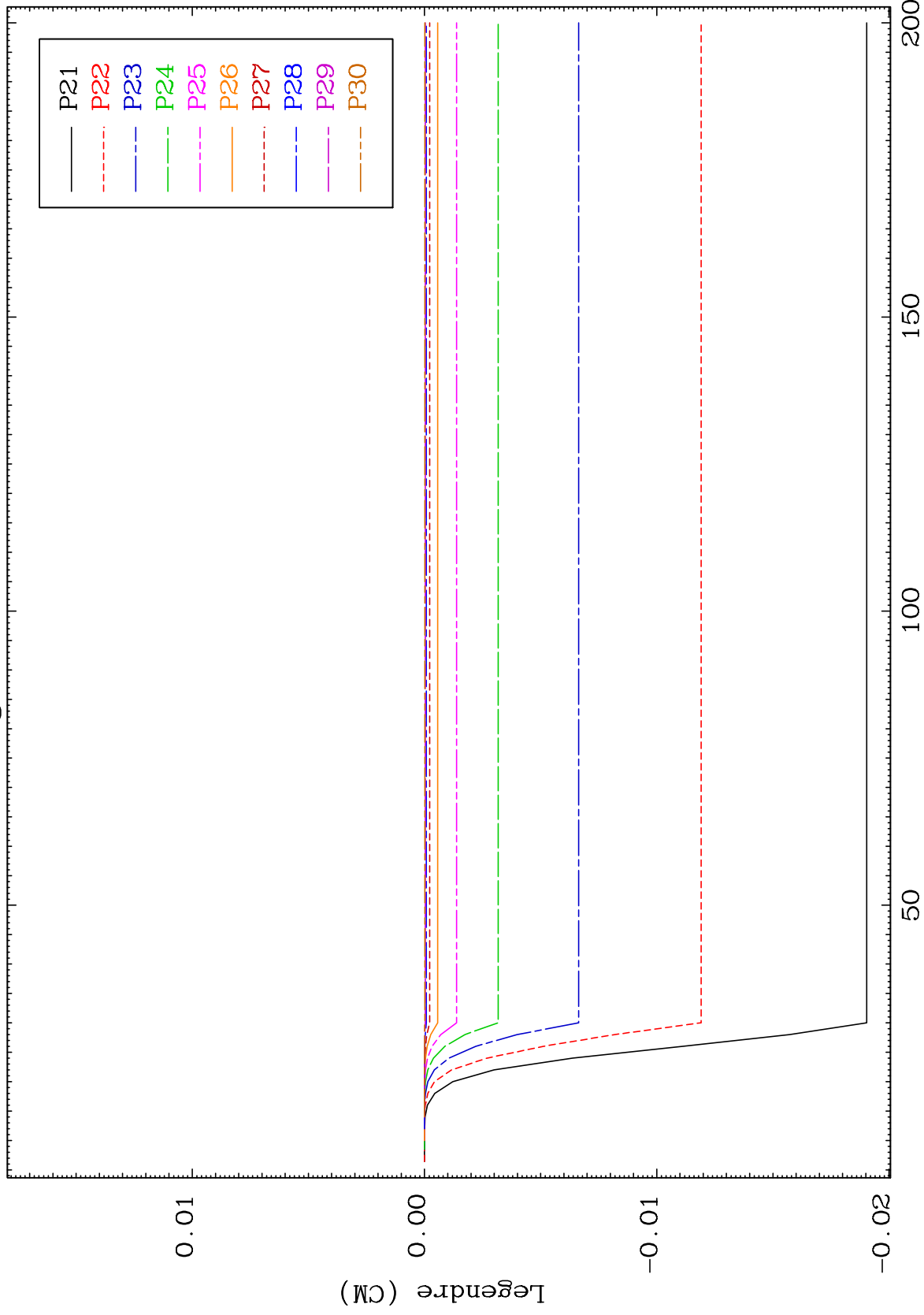




MAT 7840

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

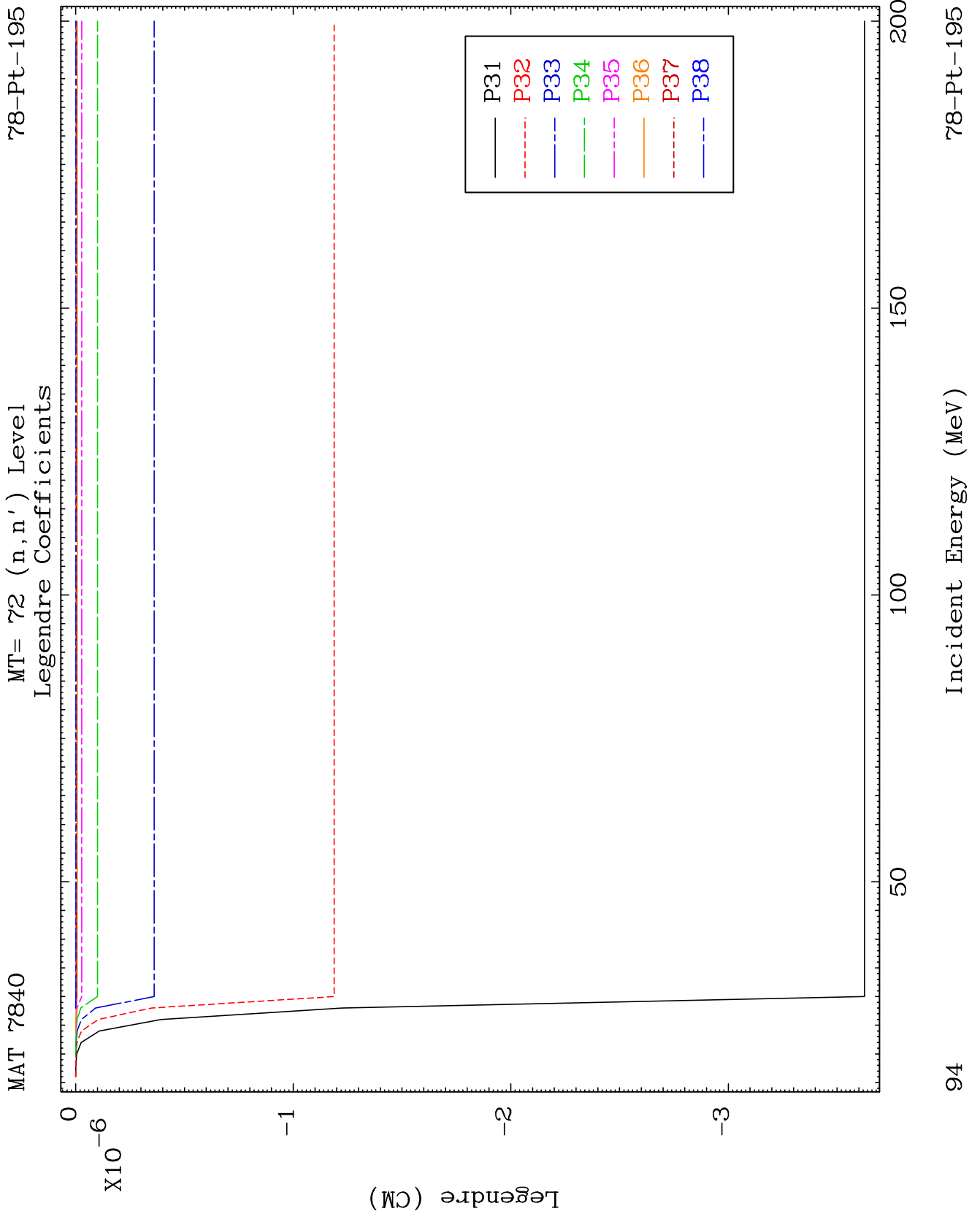
78-Pt-195

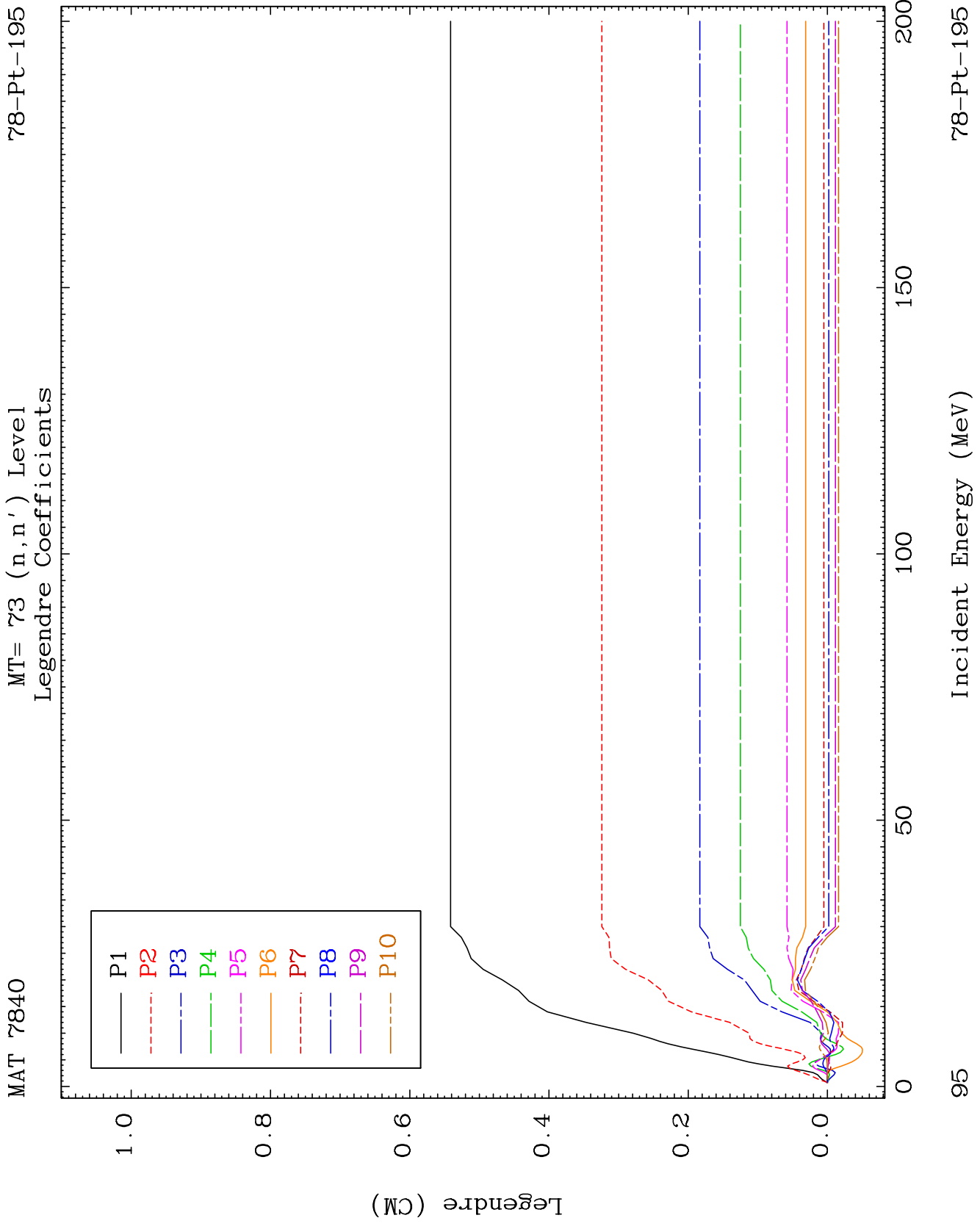


93

Incident Energy (MeV)

78-Pt-195

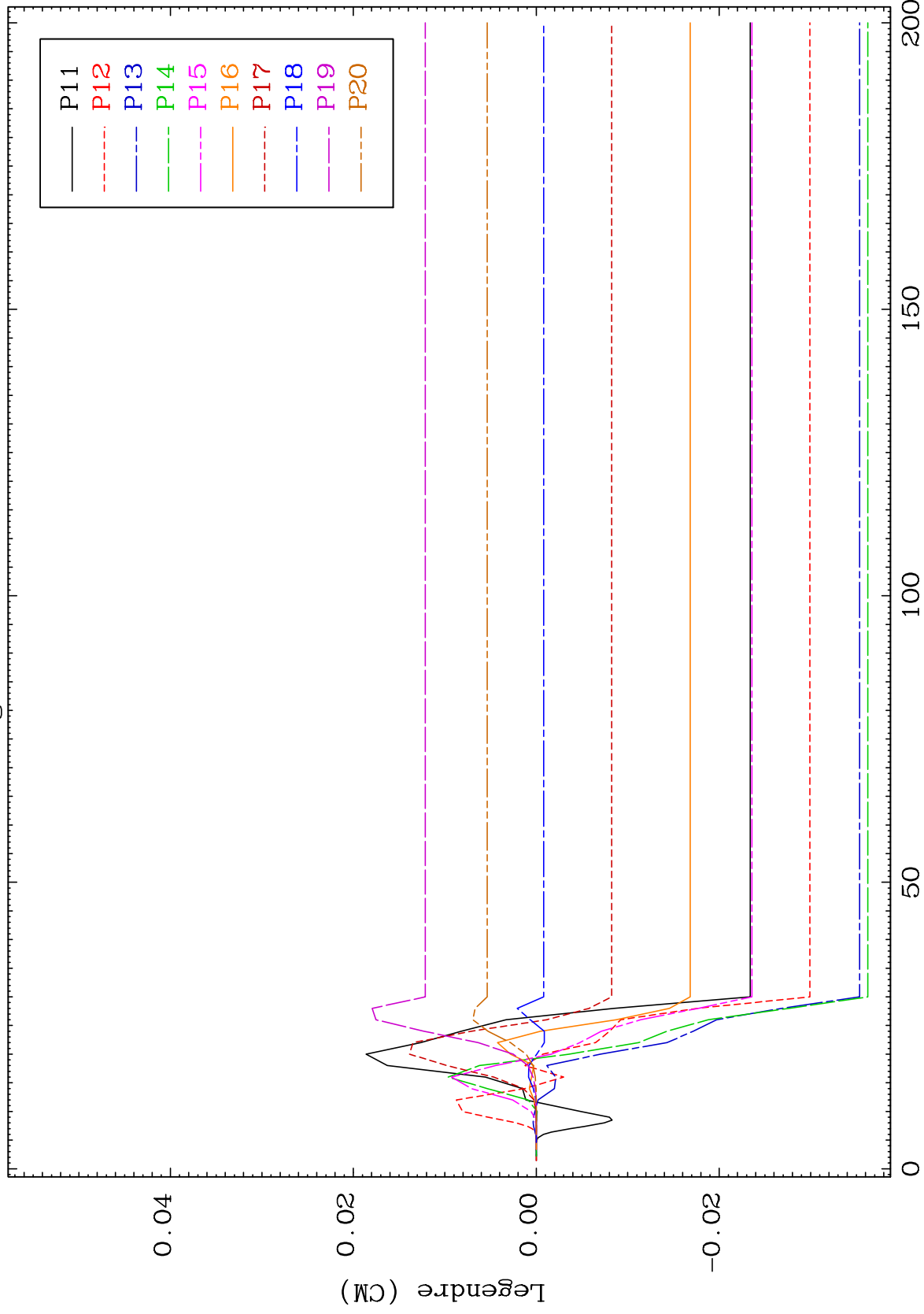




MAT 7840

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

78-Pt-195



96

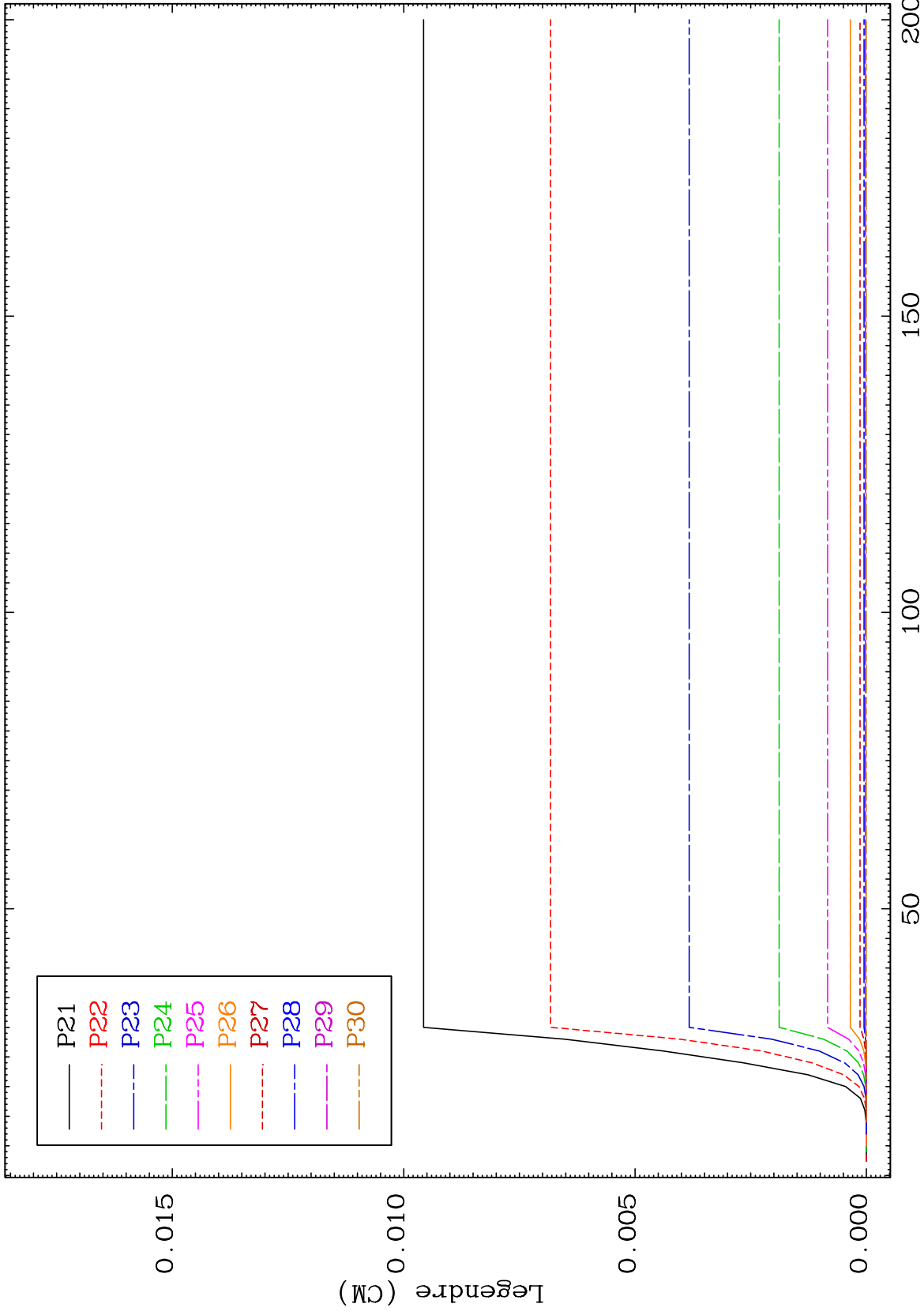
Incident Energy (MeV)

78-Pt-195

MAT 7840

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

78-Pt-195



97

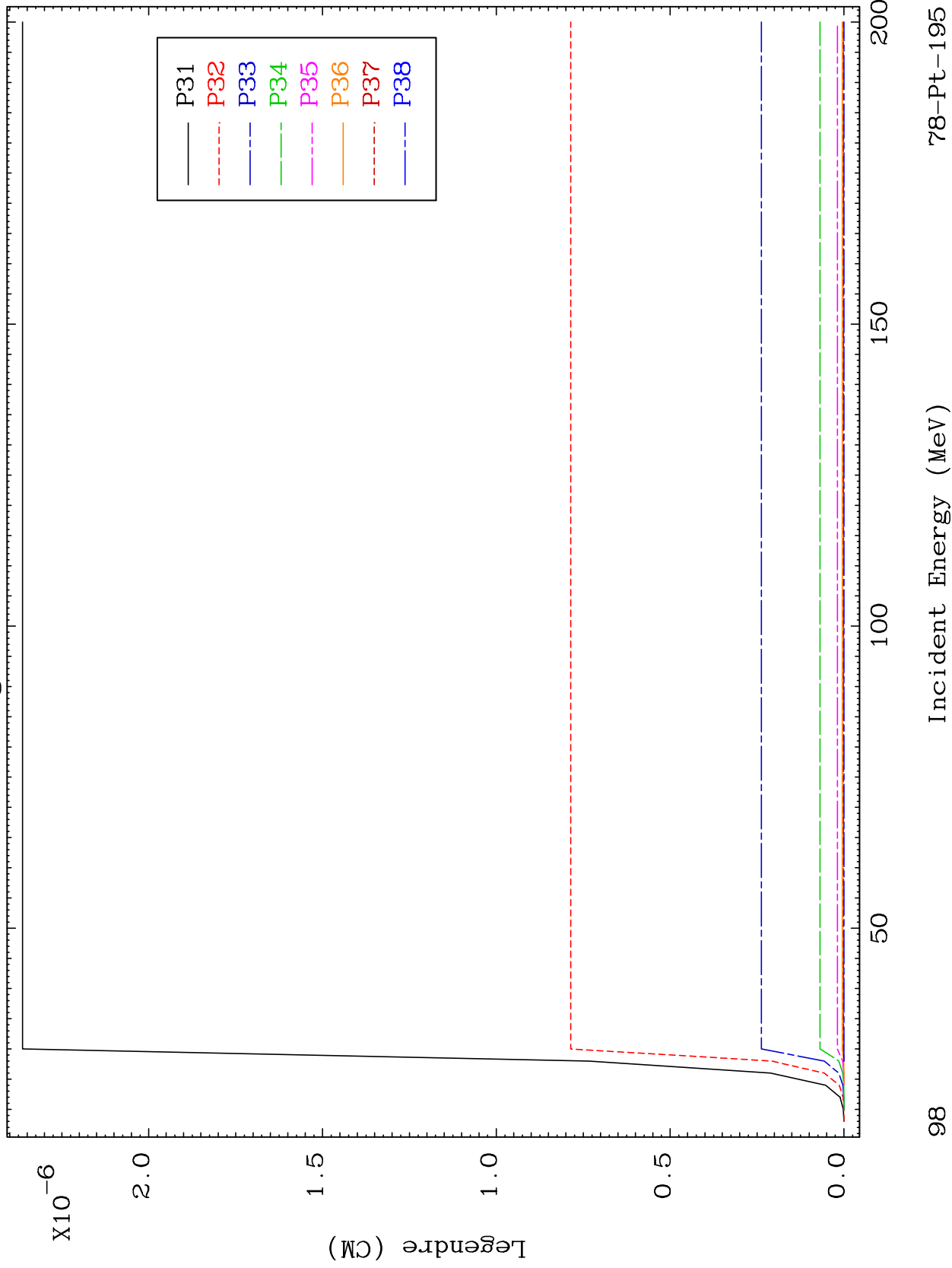
Incident Energy (MeV)

78-Pt-195

MAT 7840

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

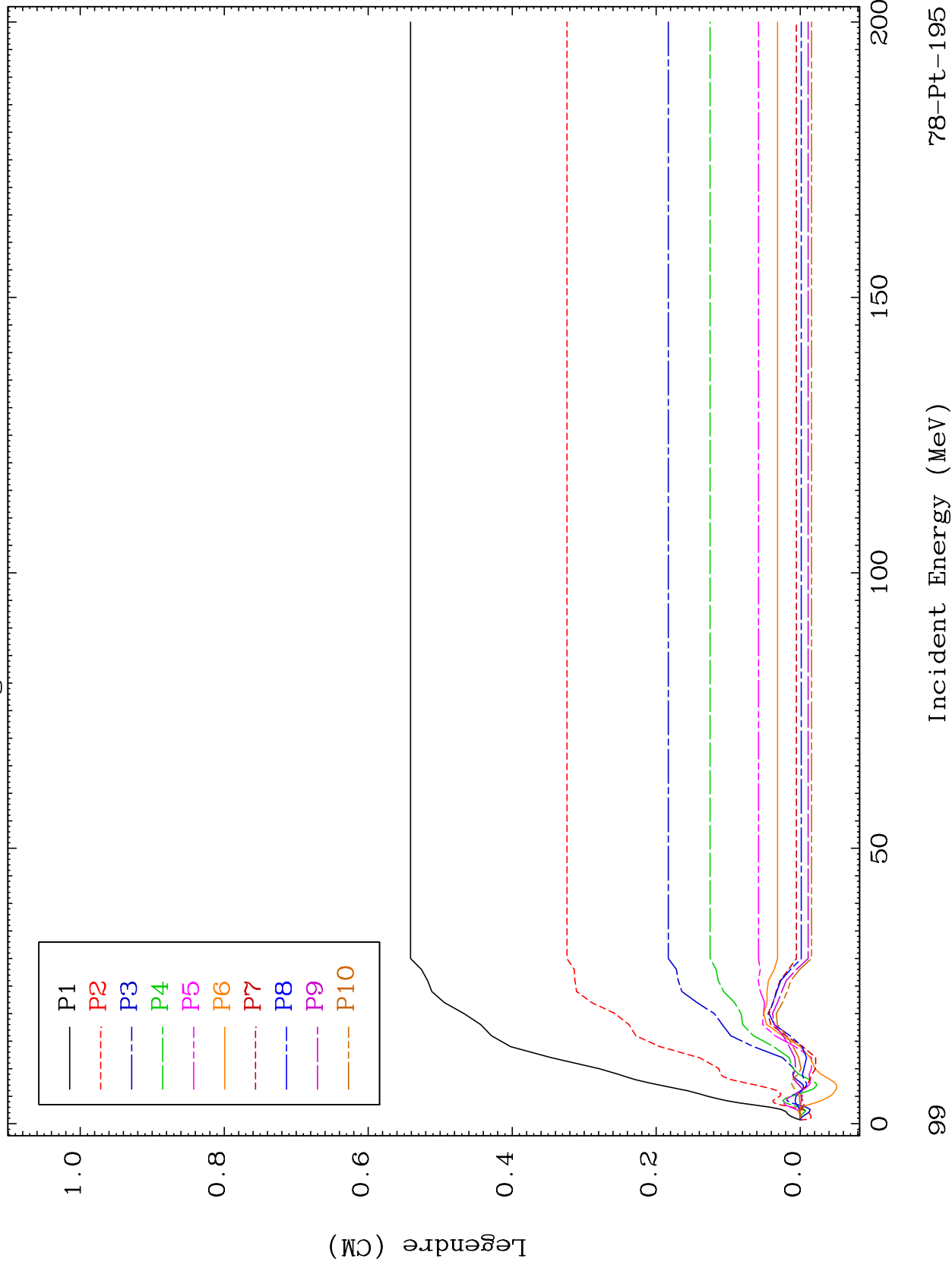
78-Pt-195



MAT 7840

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

78-Pt-195

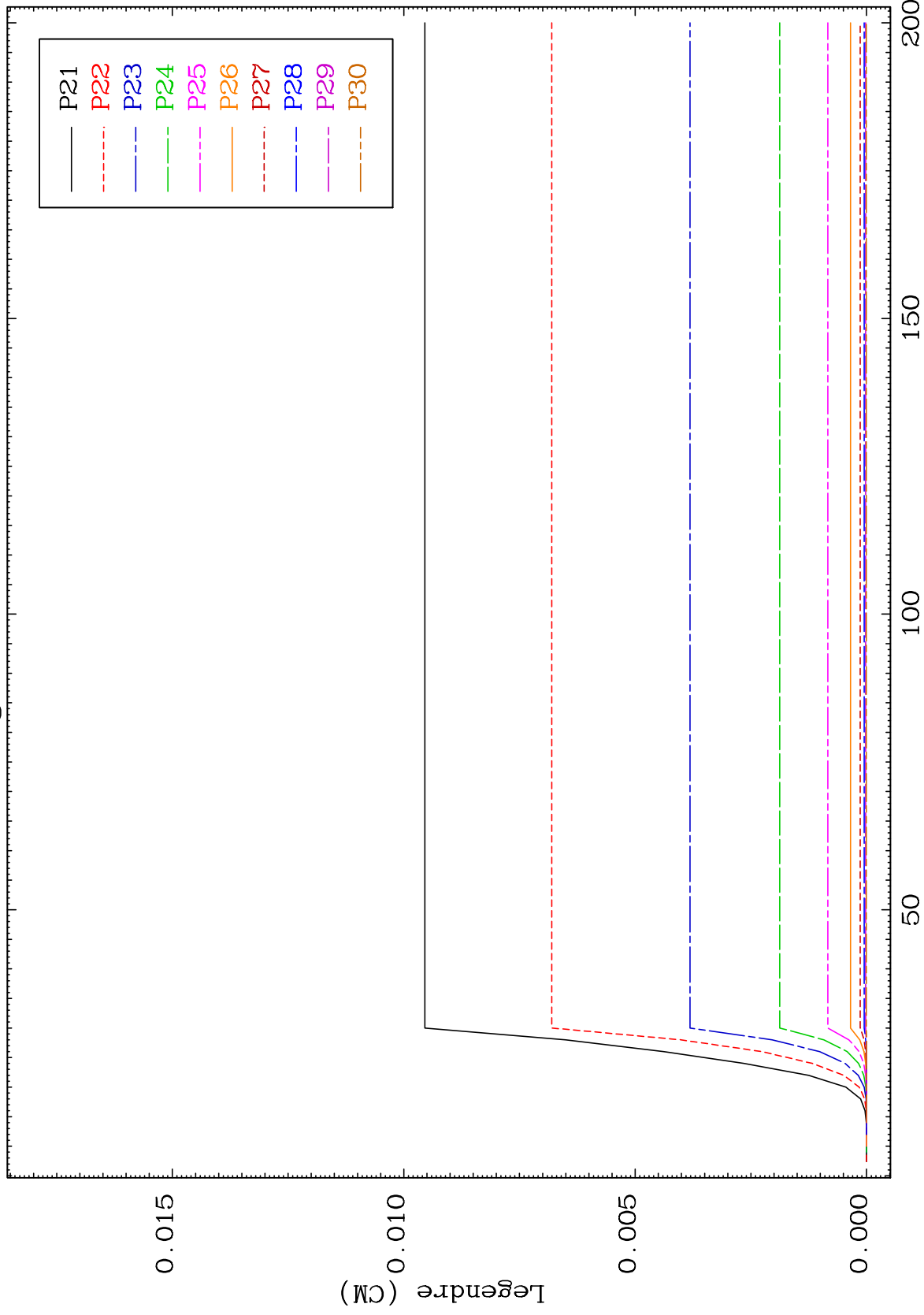


99

MAT 7840

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

78-Pt-195



101

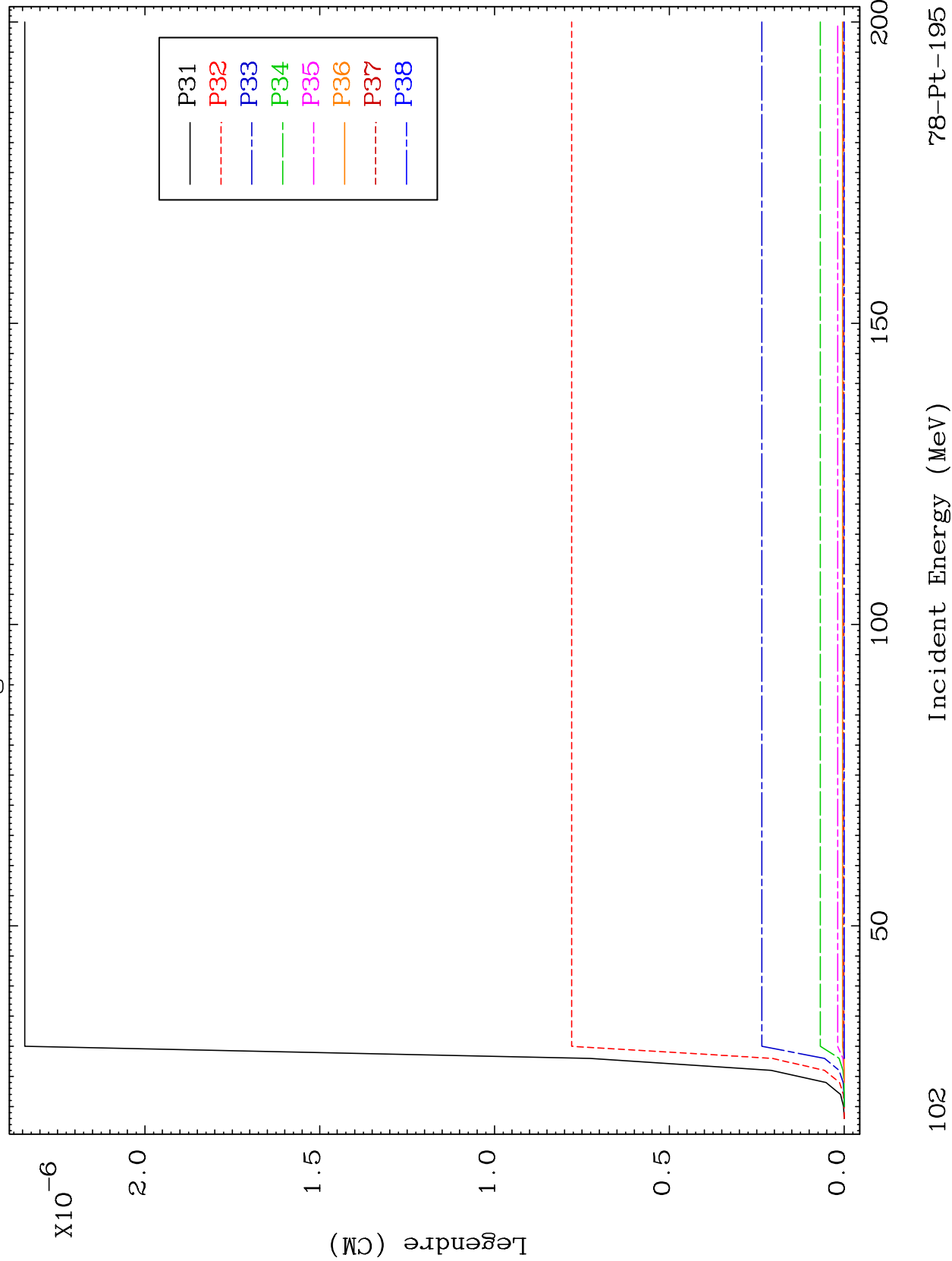
Incident Energy (MeV)

78-Pt-195

MAT 7840

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

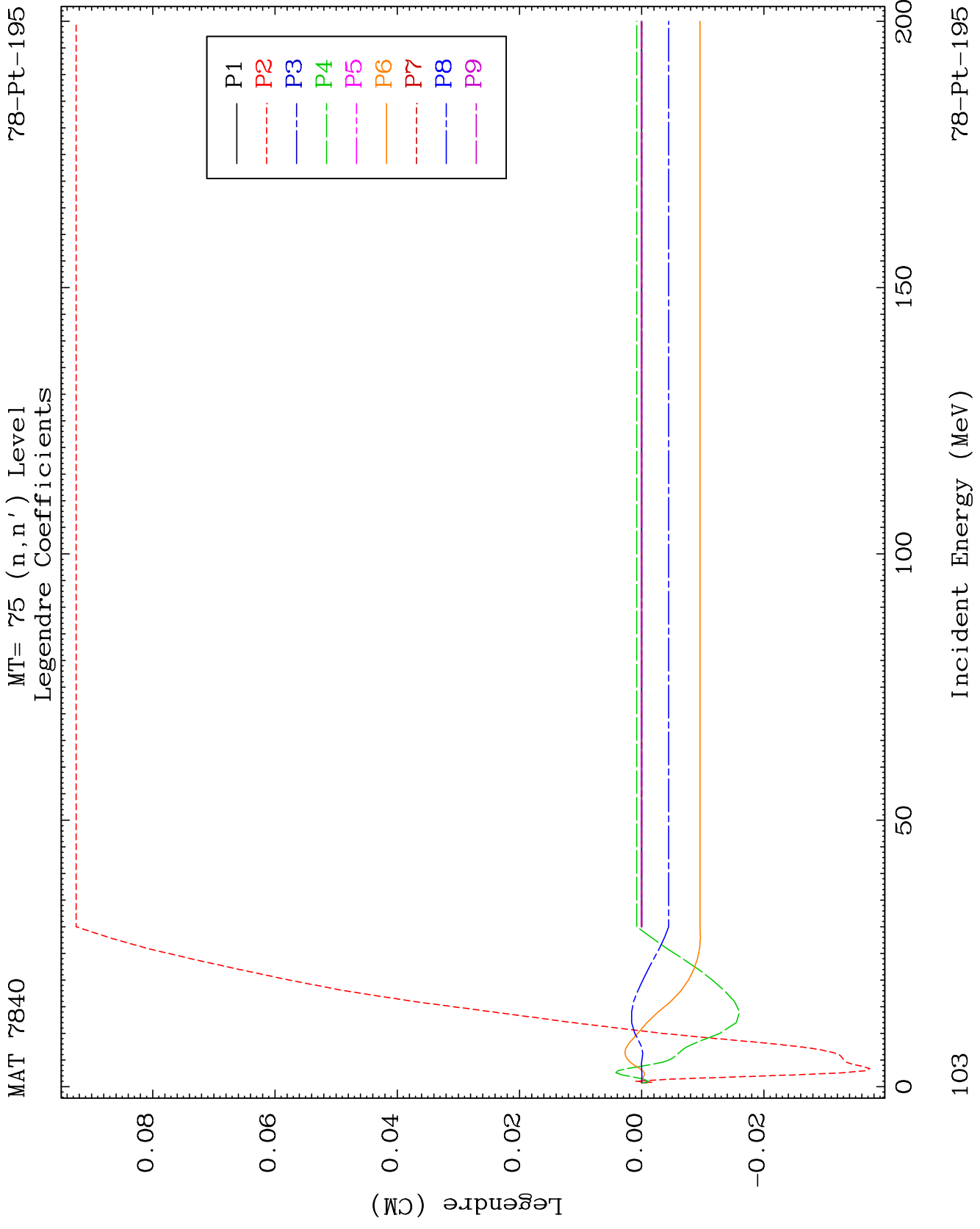
78-Pt-195

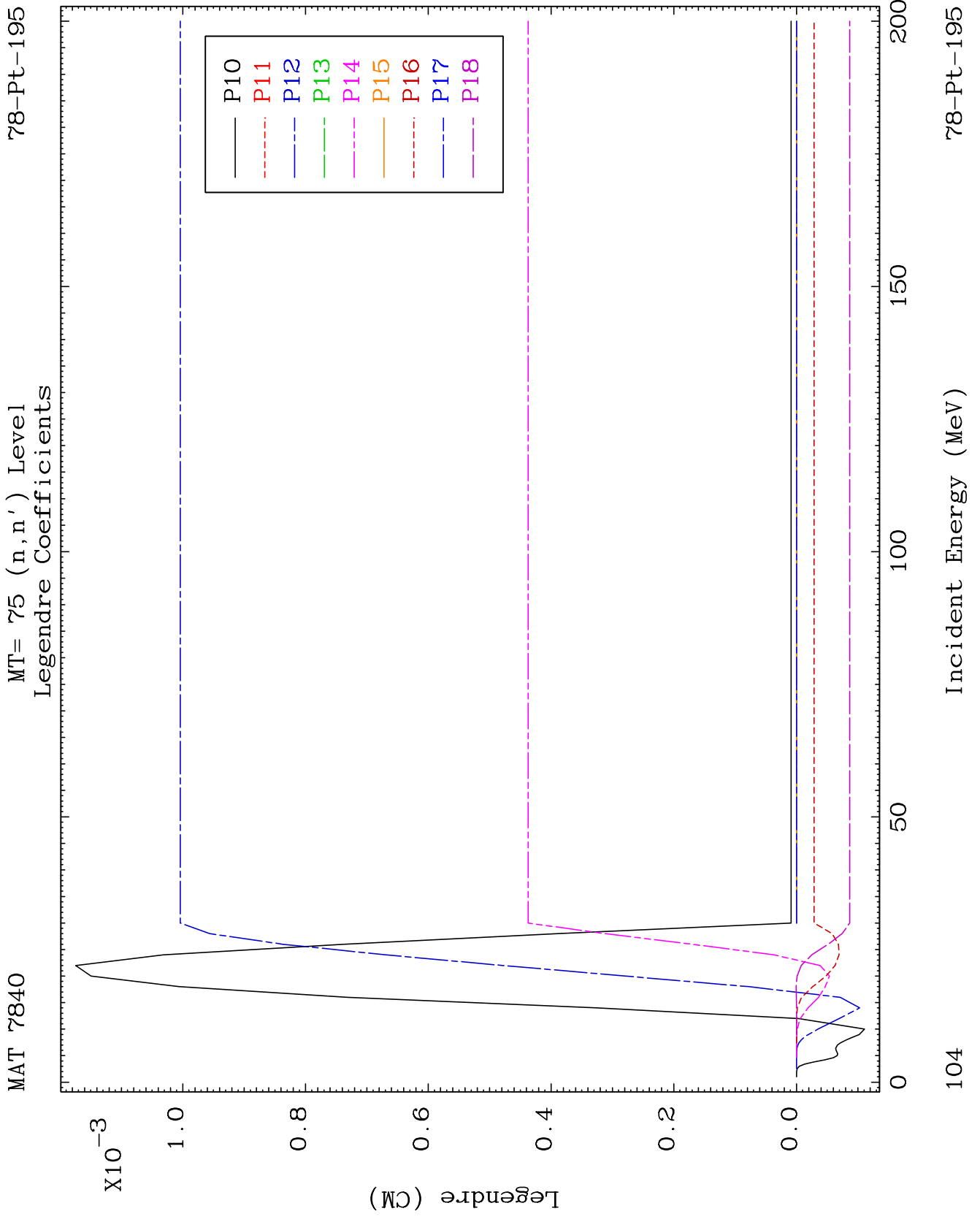


102

Incident Energy (MeV)

78-Pt-195

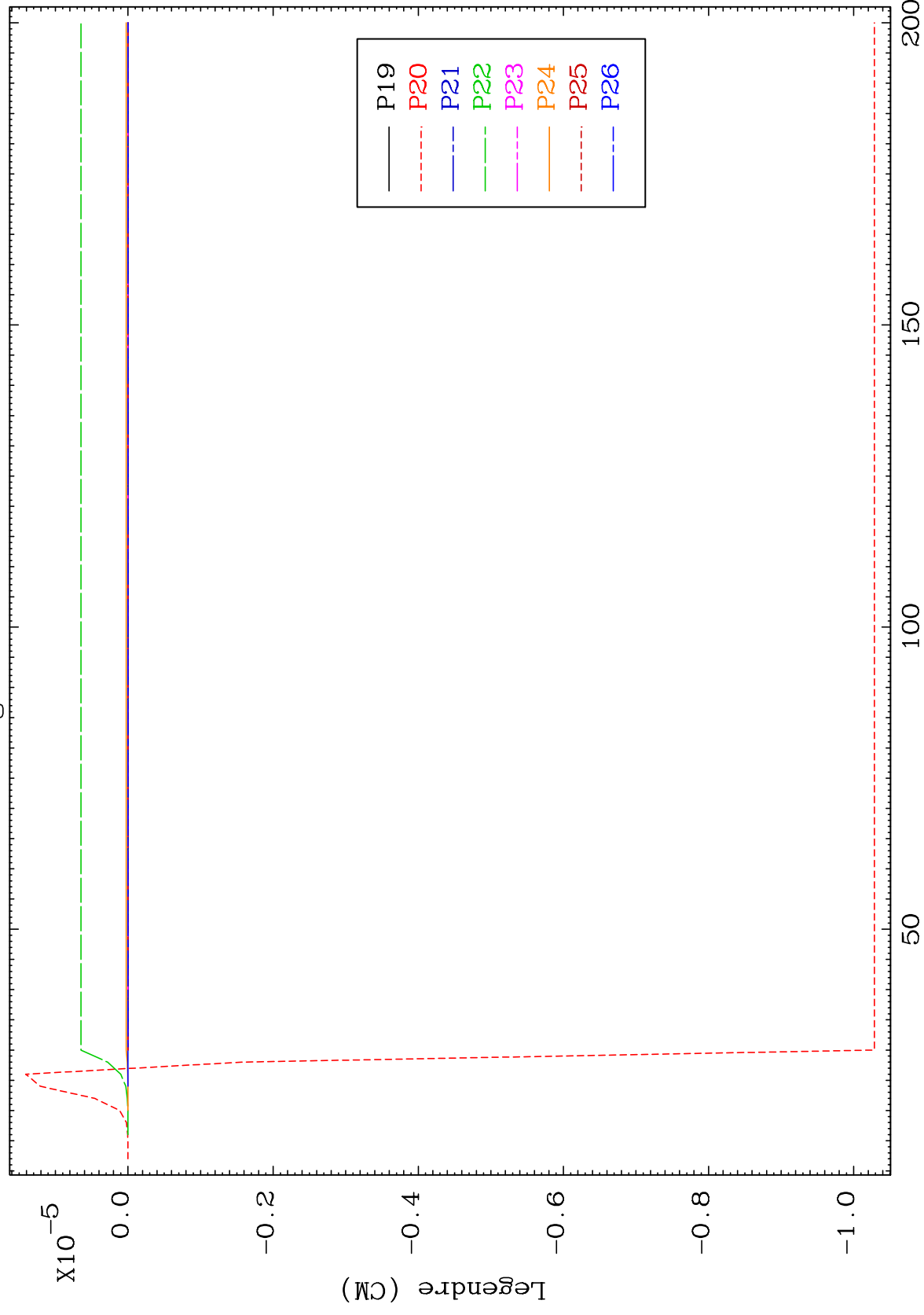




MAT 7840

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

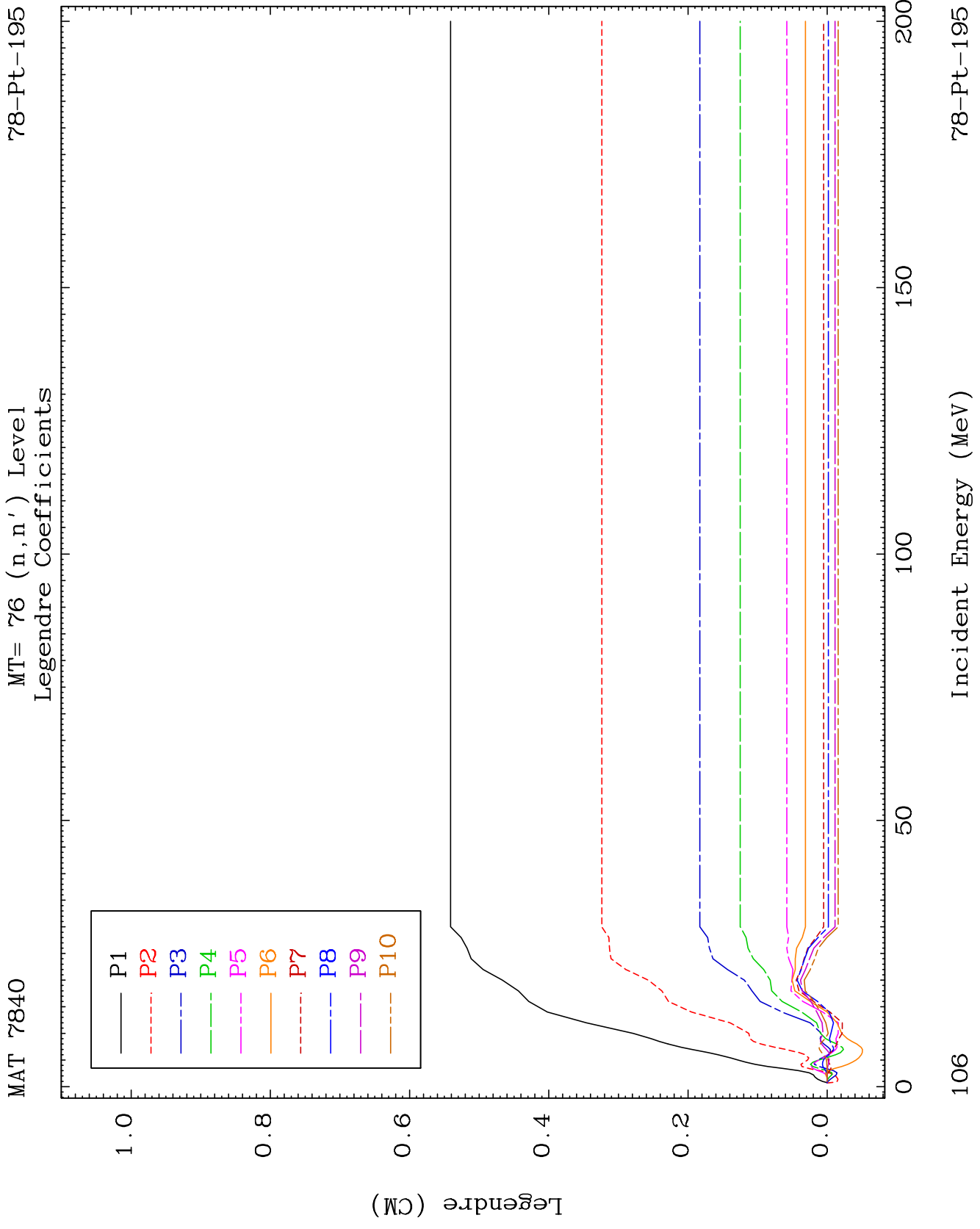
78-Pt-195



105

Incident Energy (MeV)

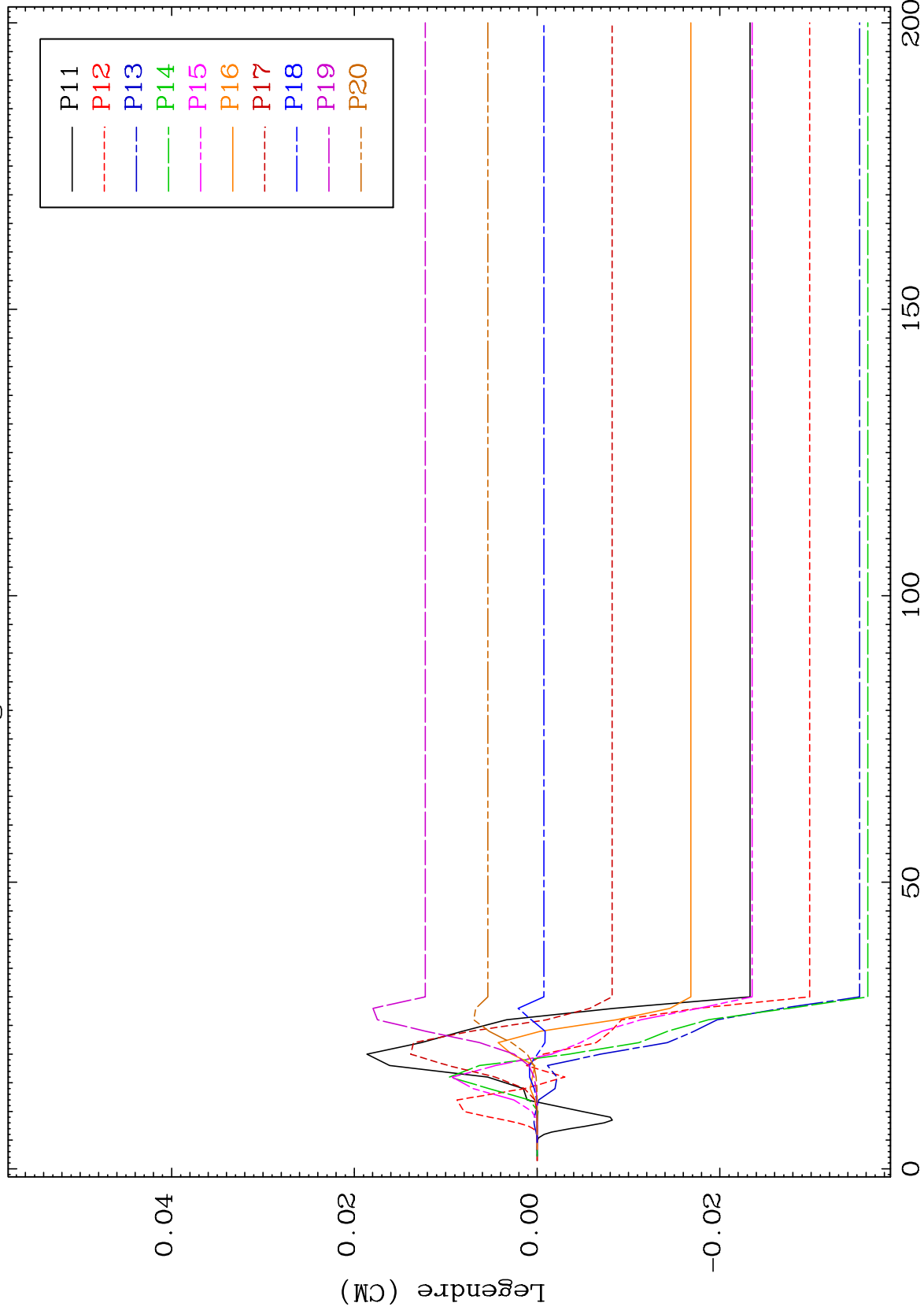
78-Pt-195



MAT 7840

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

78-Pt-195



107

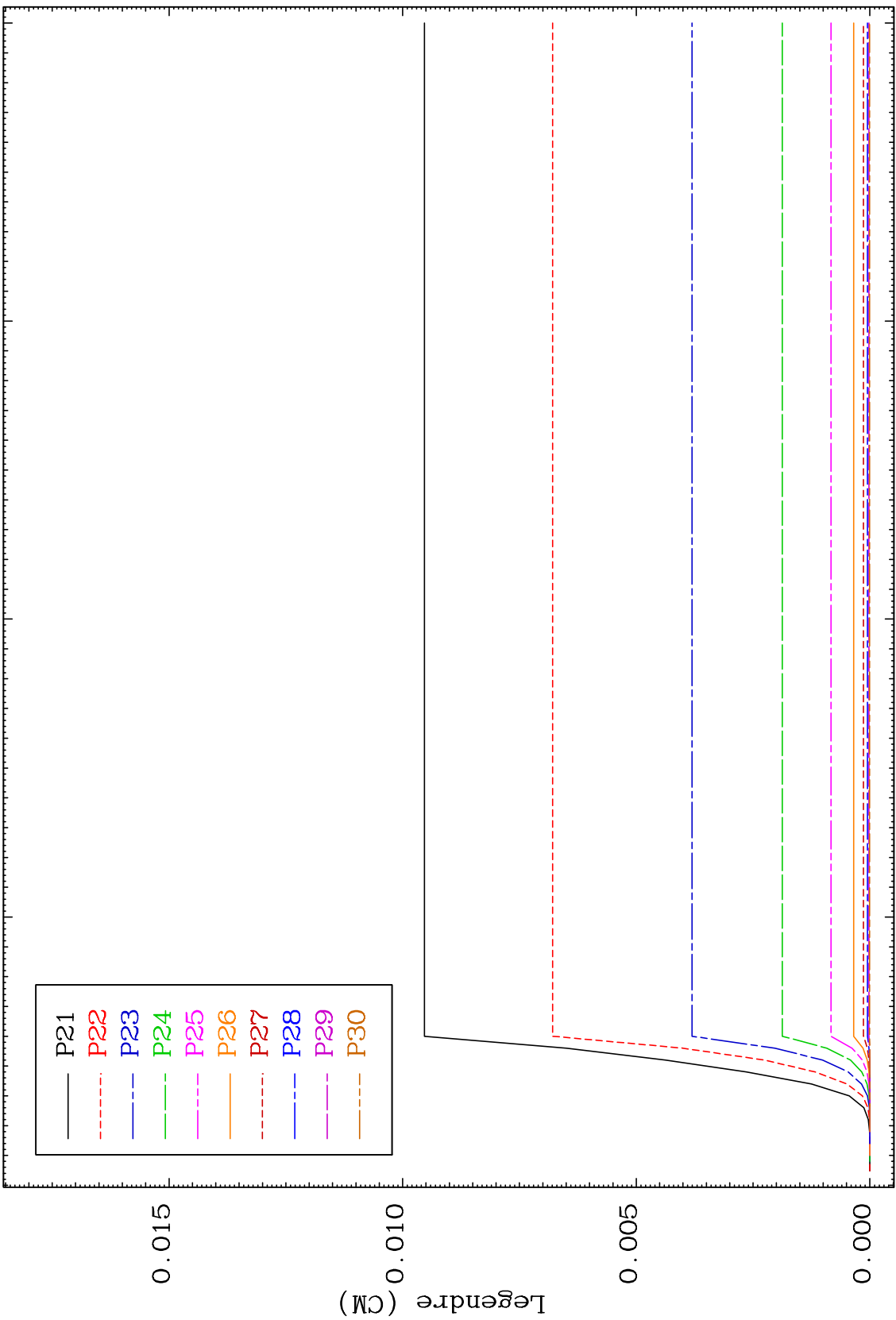
Incident Energy (MeV)

78-Pt-195

MAT 7840

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

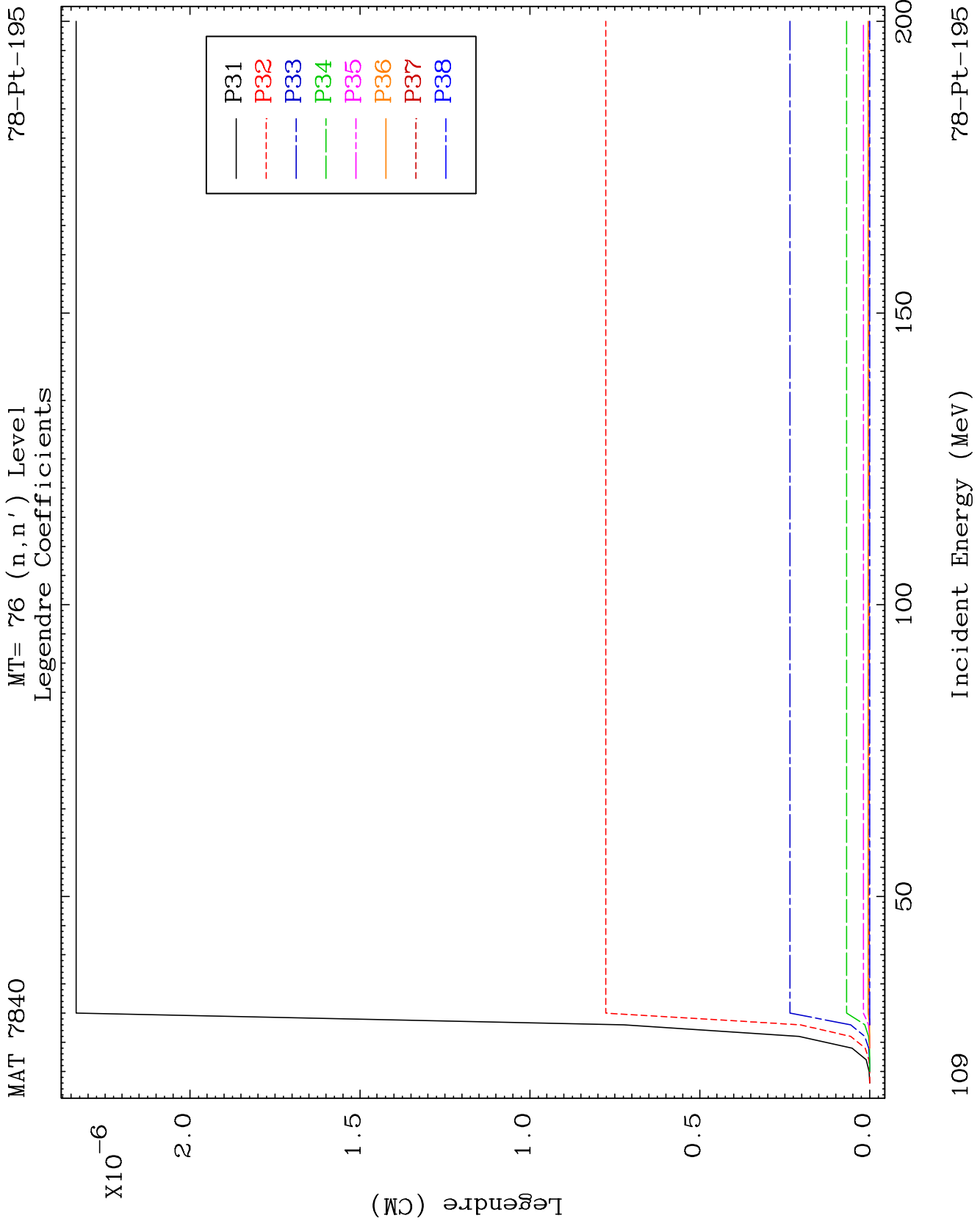
78-Pt-195

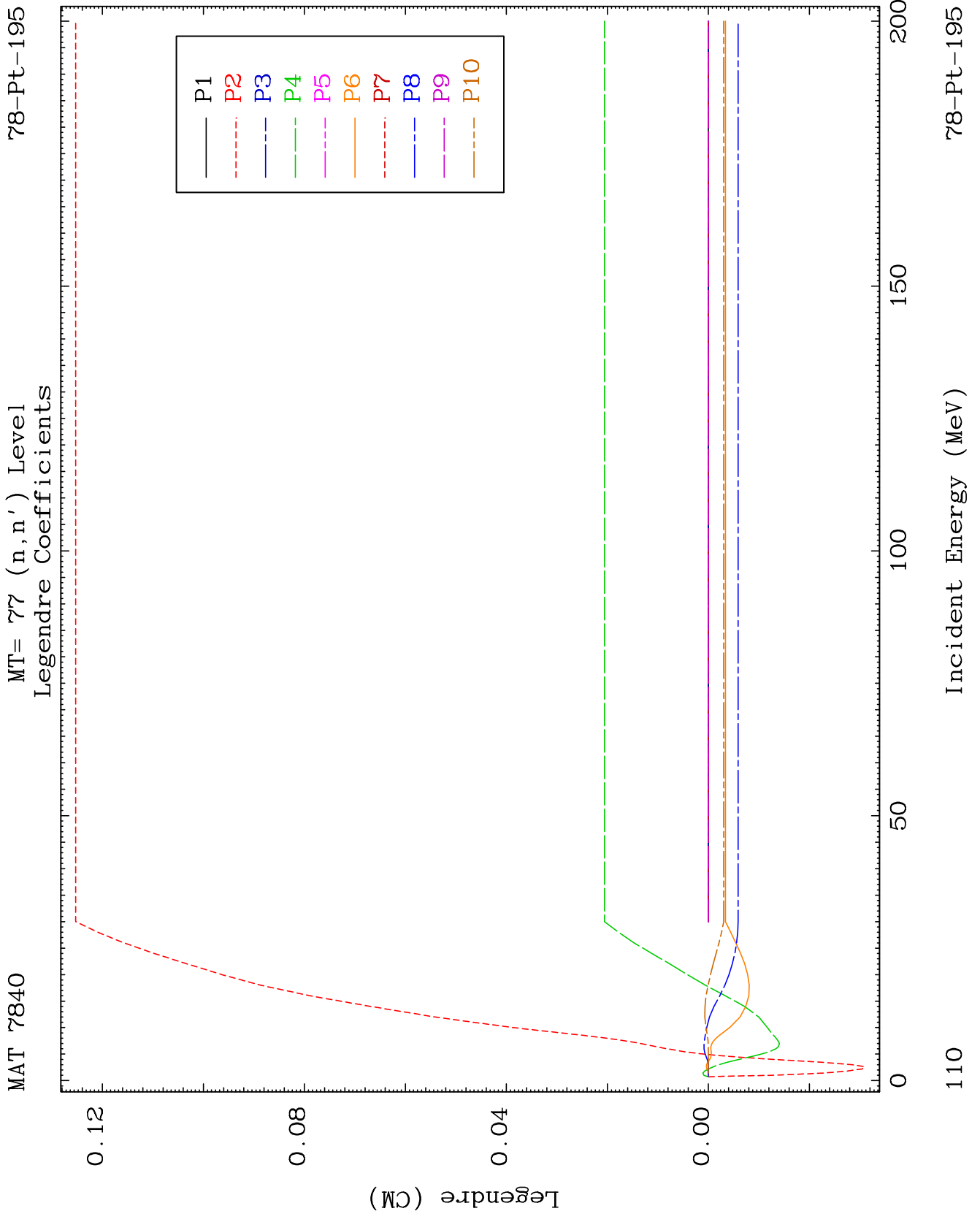


108

Incident Energy (MeV)

78-Pt-195

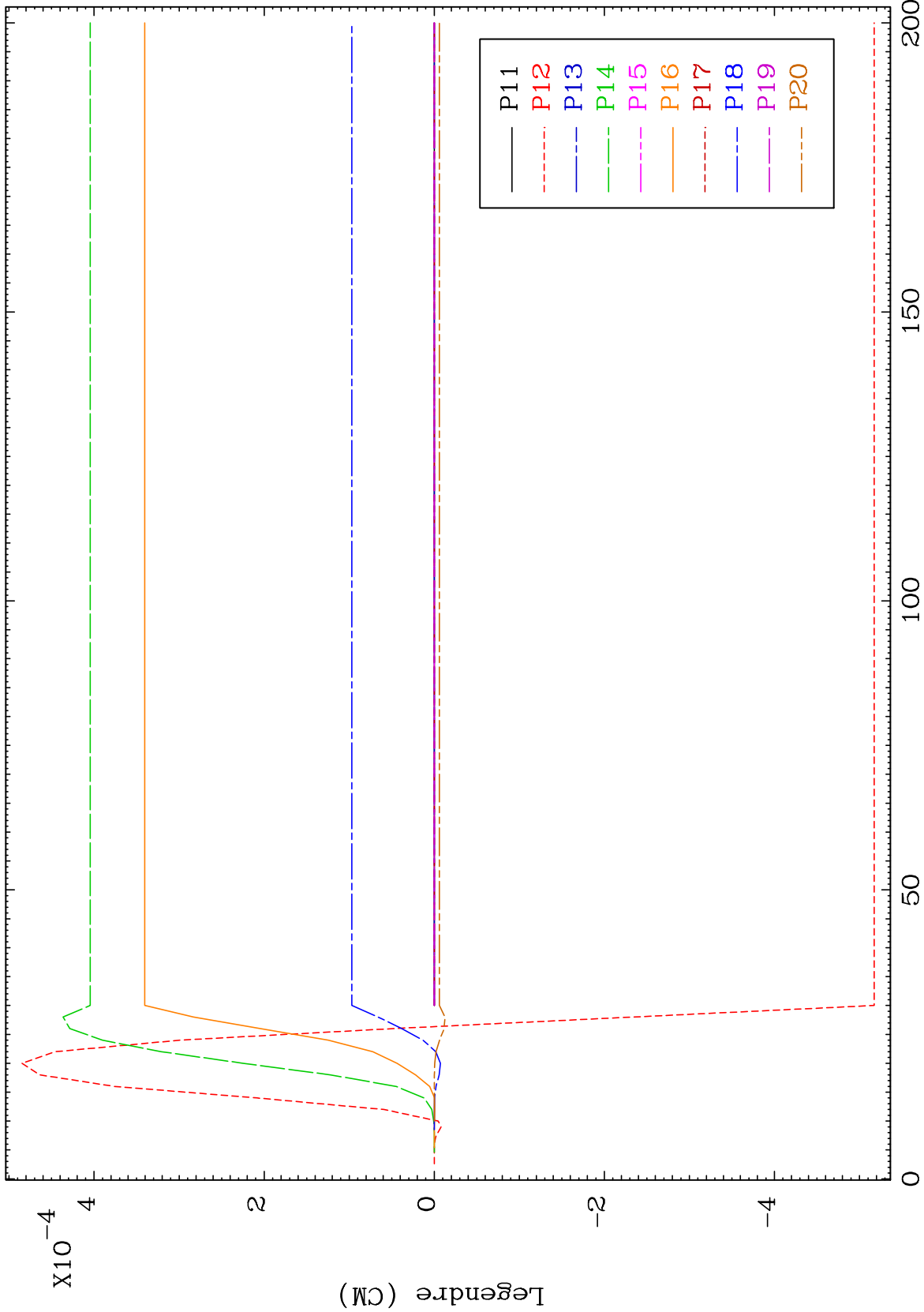




MAT 7840

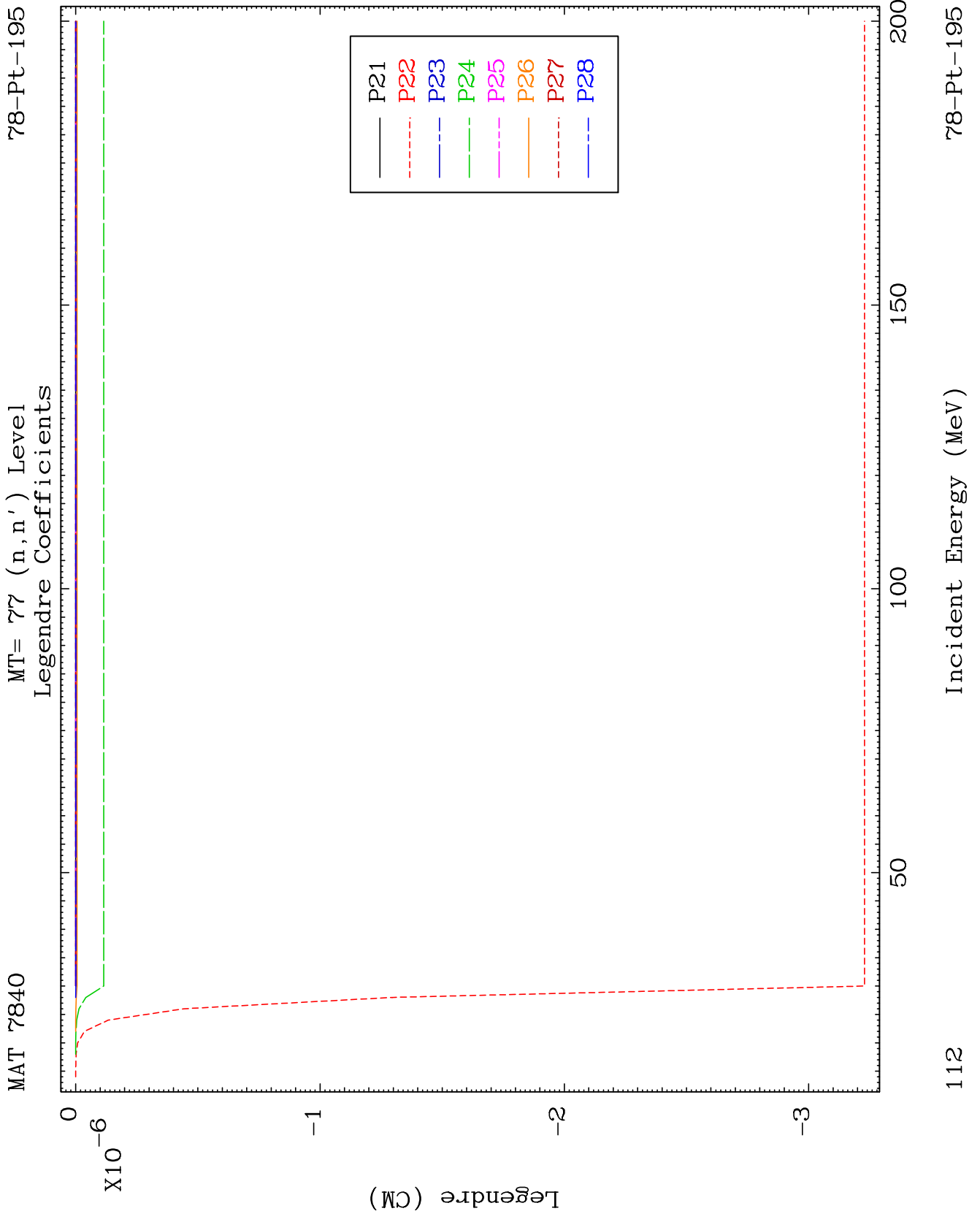
MT= 77 (n,n') Level
Legendre Coefficients

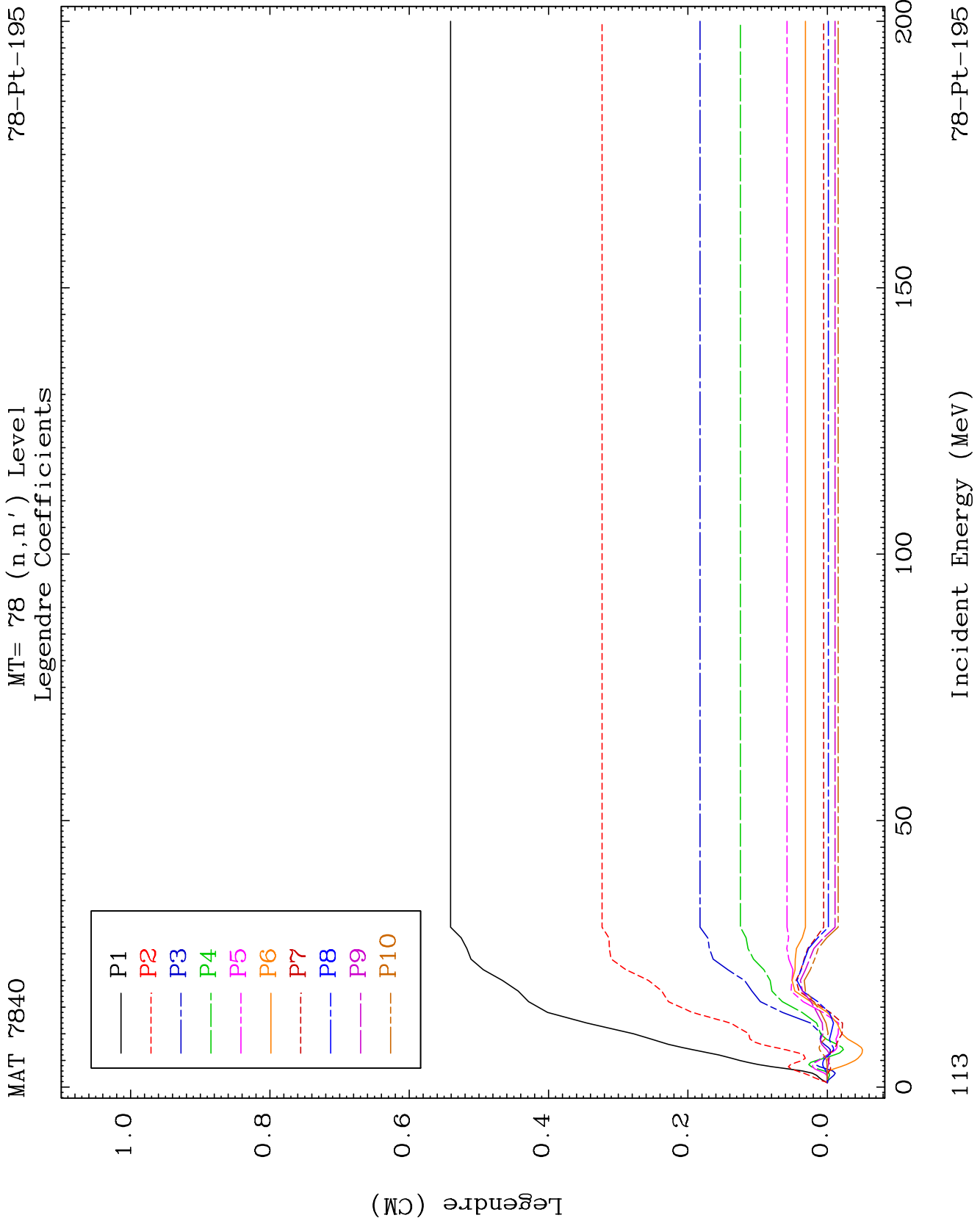
78-Pt-195



111

78-Pt-195

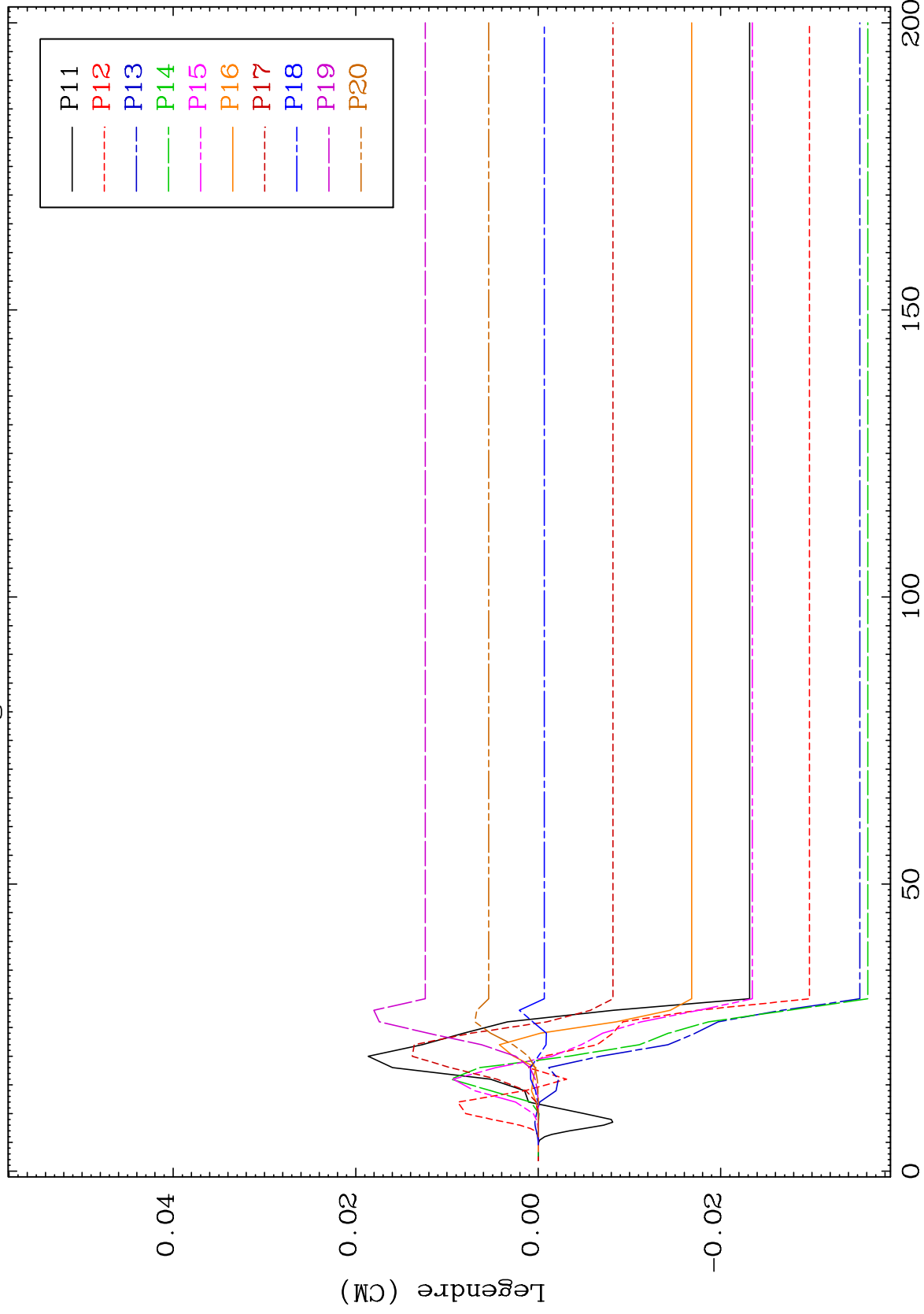




MAT 7840

MT= 78 (n,n') Level
Legendre Coefficients

78-Pt-195



114

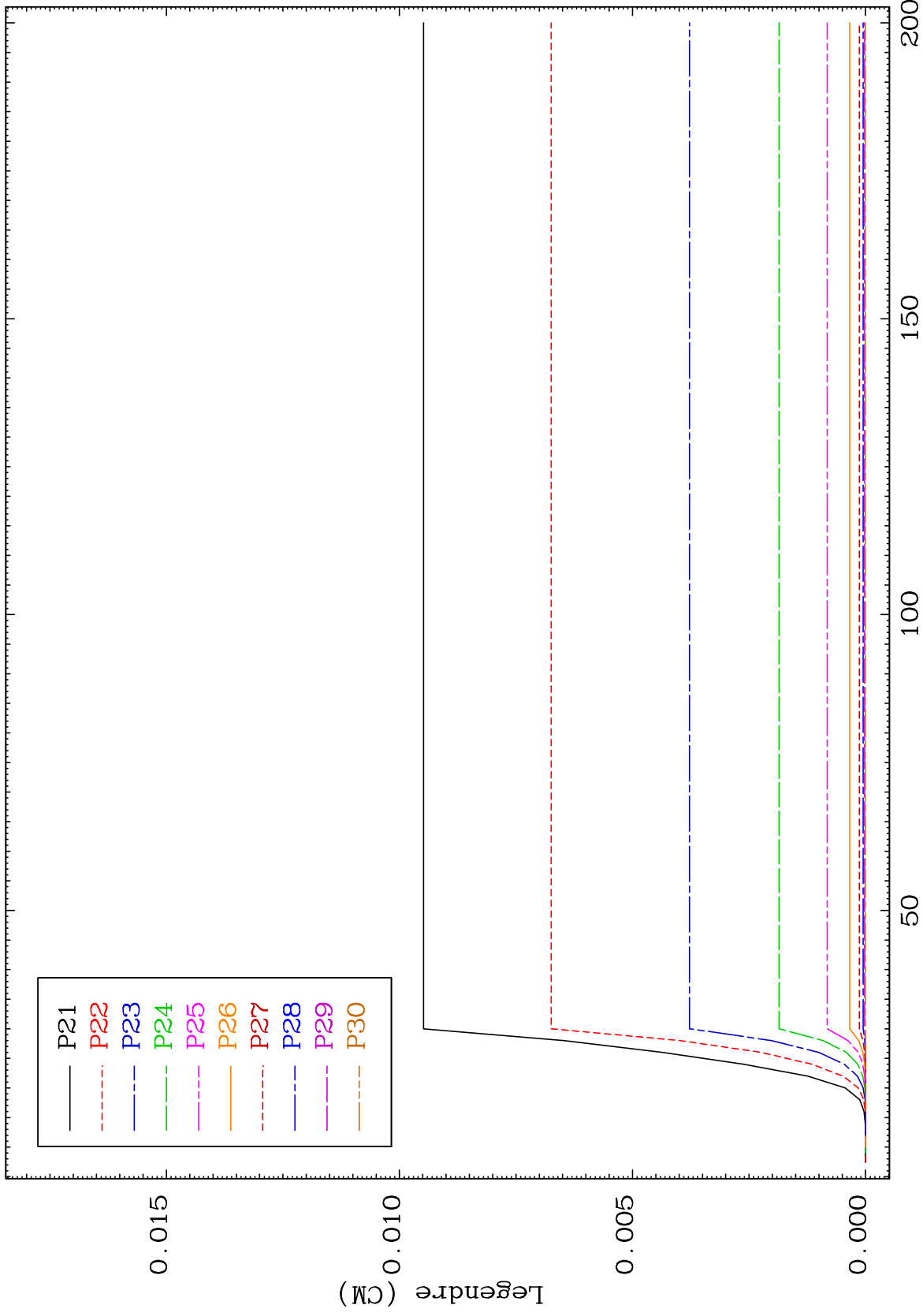
Incident Energy (MeV)

78-Pt-195

MAT 7840

MT= 78 (n,n') Level
Legendre Coefficients

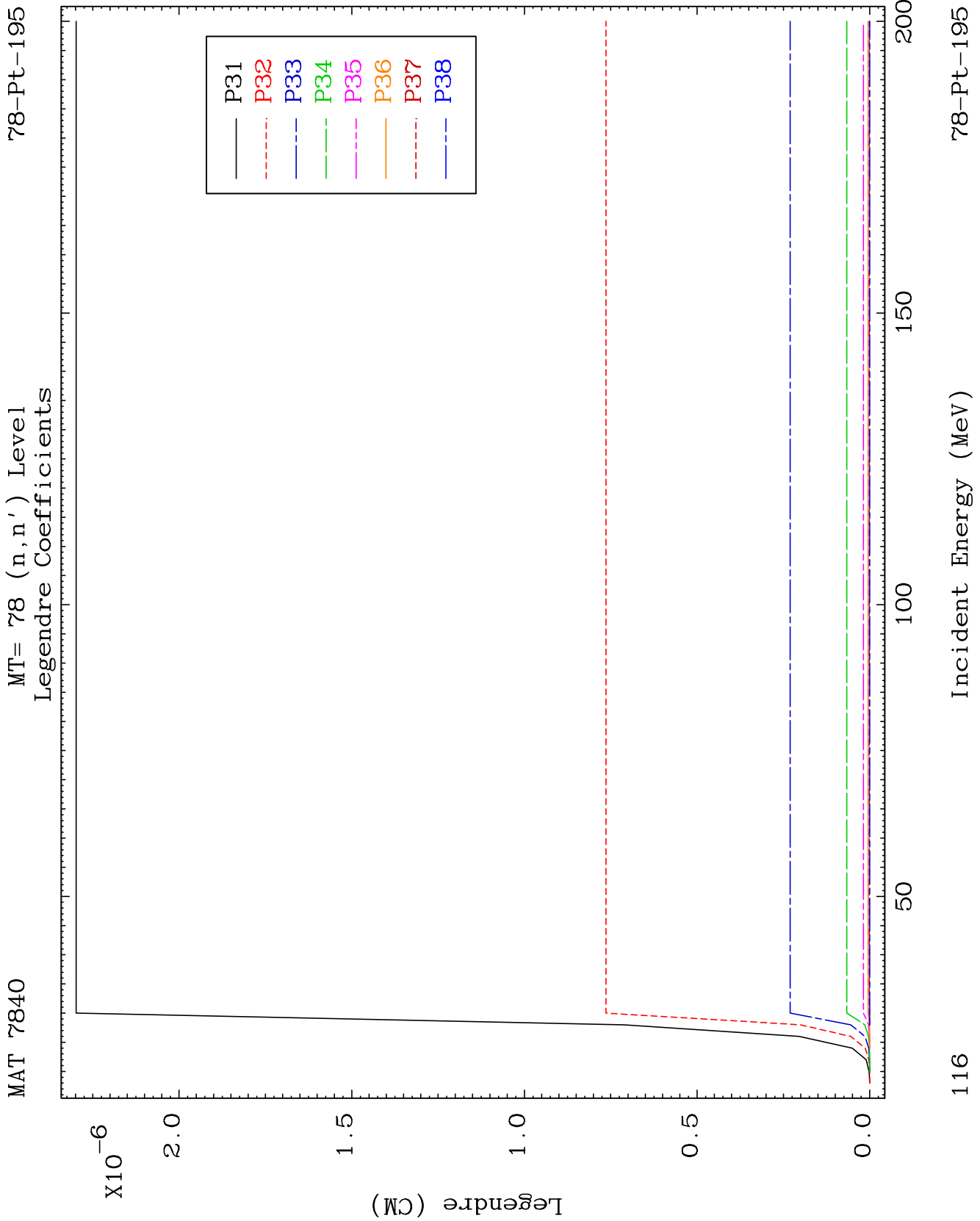
78-Pt-195

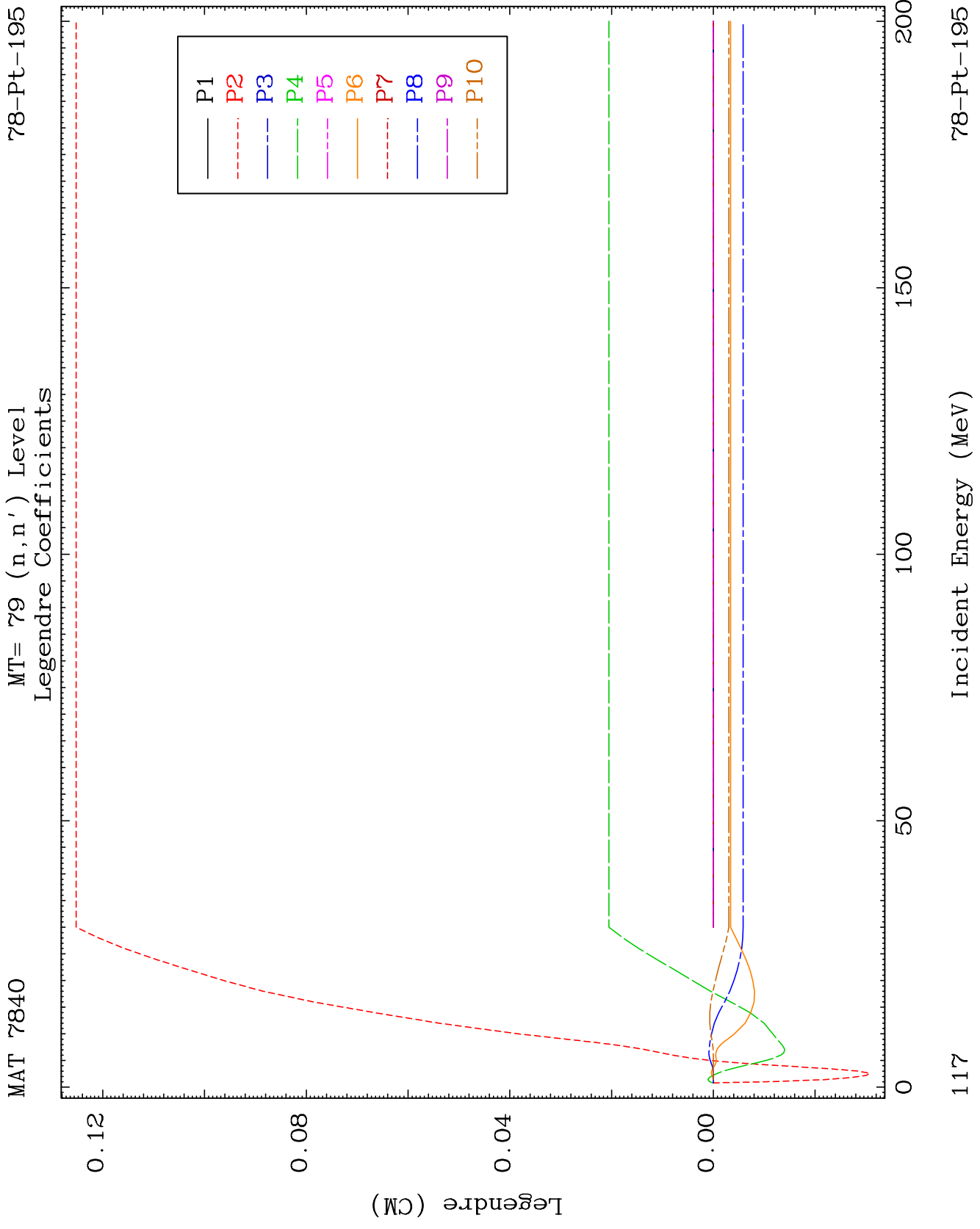


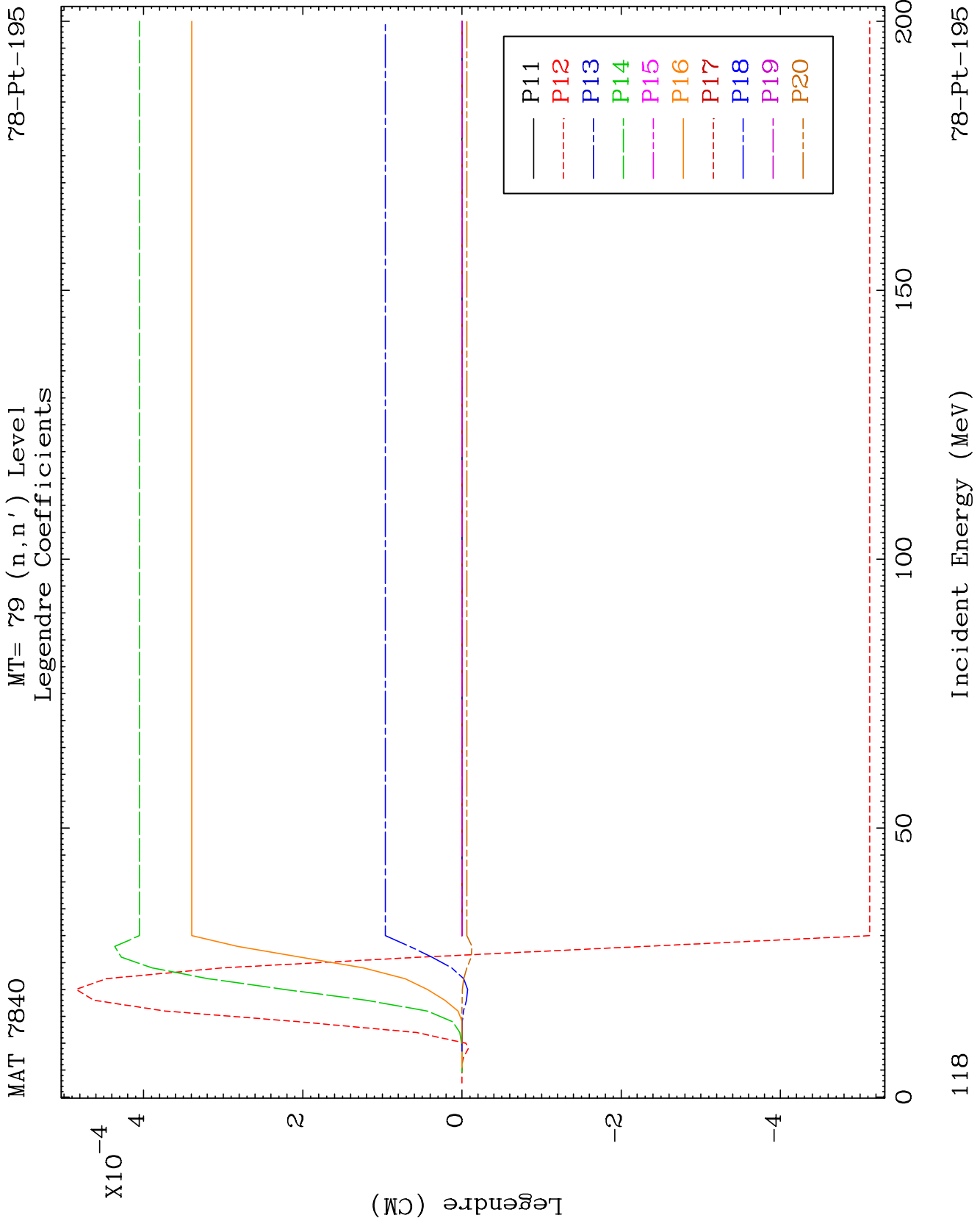
115

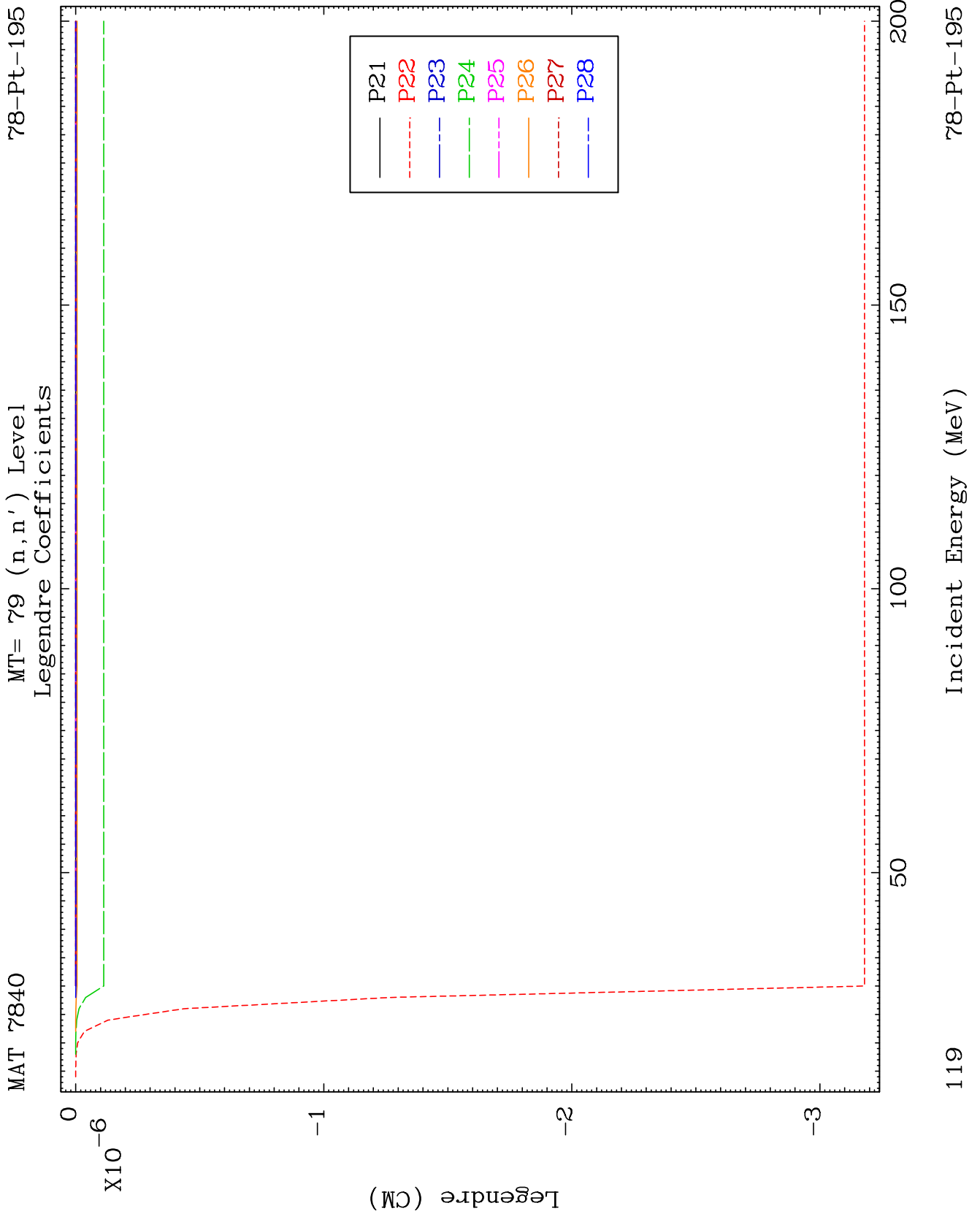
Incident Energy (MeV)

78-Pt-195





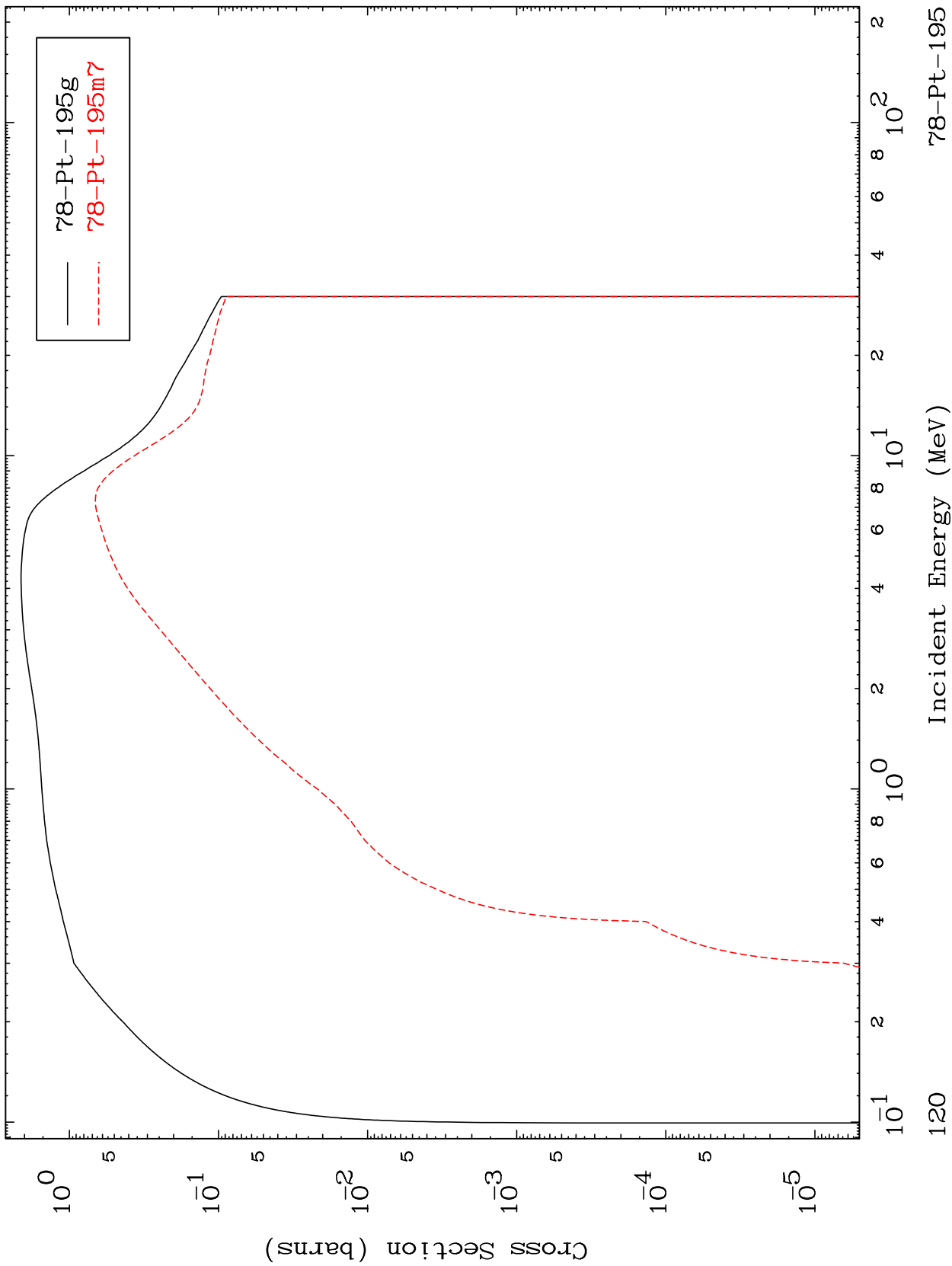




MAT 7840

78-Pt-195

Inelastic
Radionuclide Production Cross Section



78-Pt-195

Incident Energy (MeV)

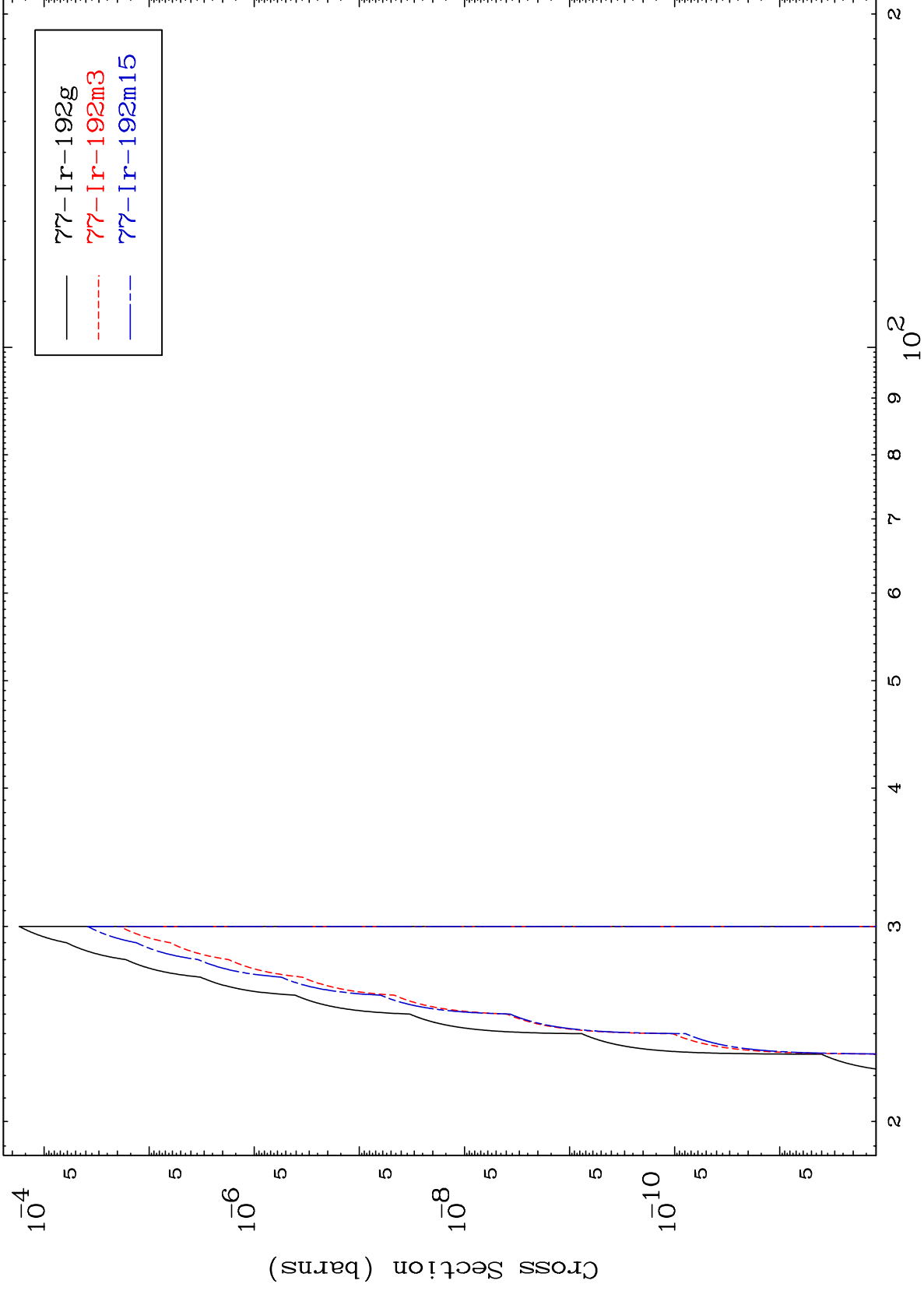
120

MAT 7840

(n,2n) d

78-Pt-195

Radionuclide Production Cross Section



121

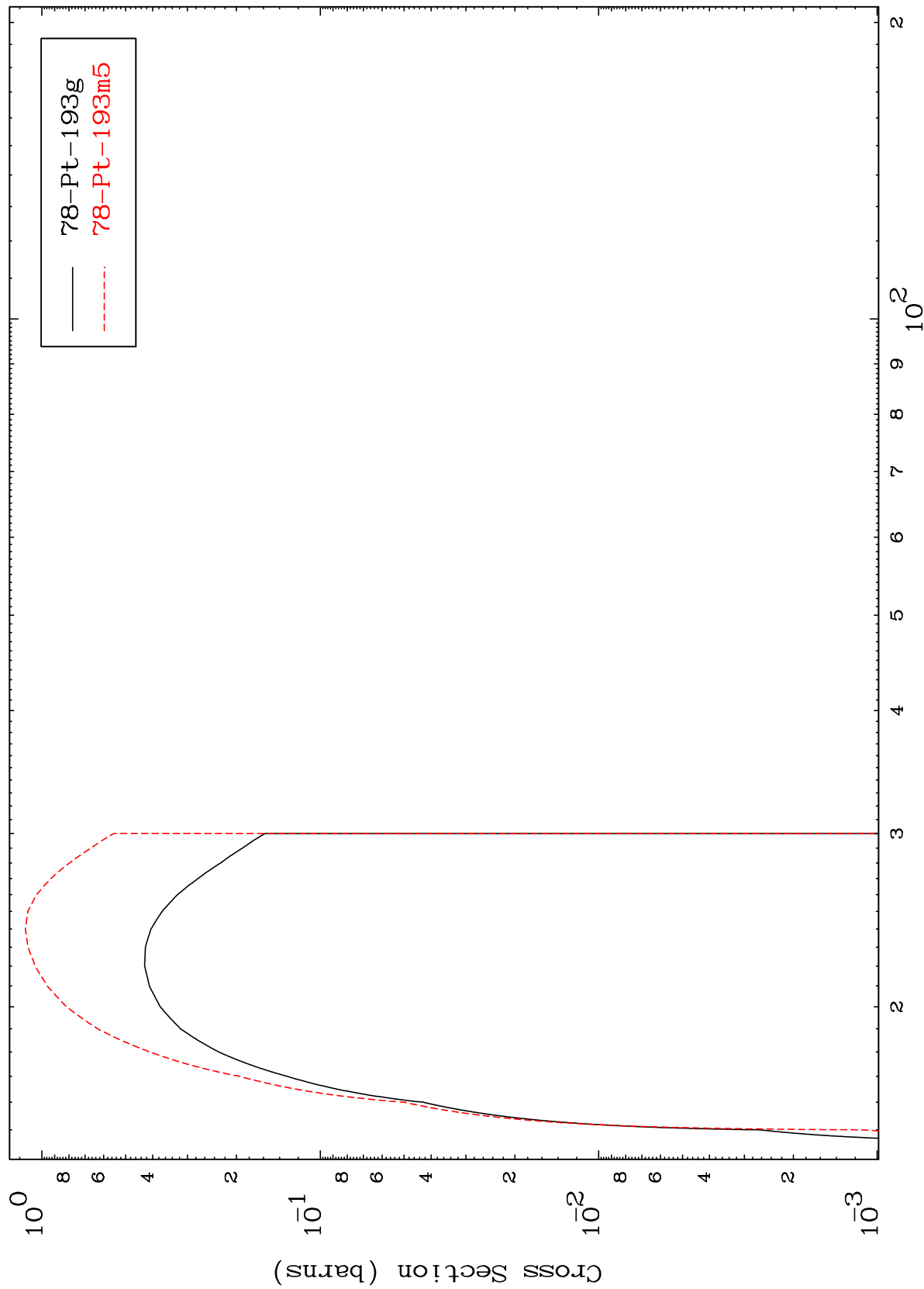
Incident Energy (MeV)

78-Pt-195

MAT 7840

78-Pt-195

(n,3n)
Radionuclide Production Cross Section



122

Incident Energy (MeV)

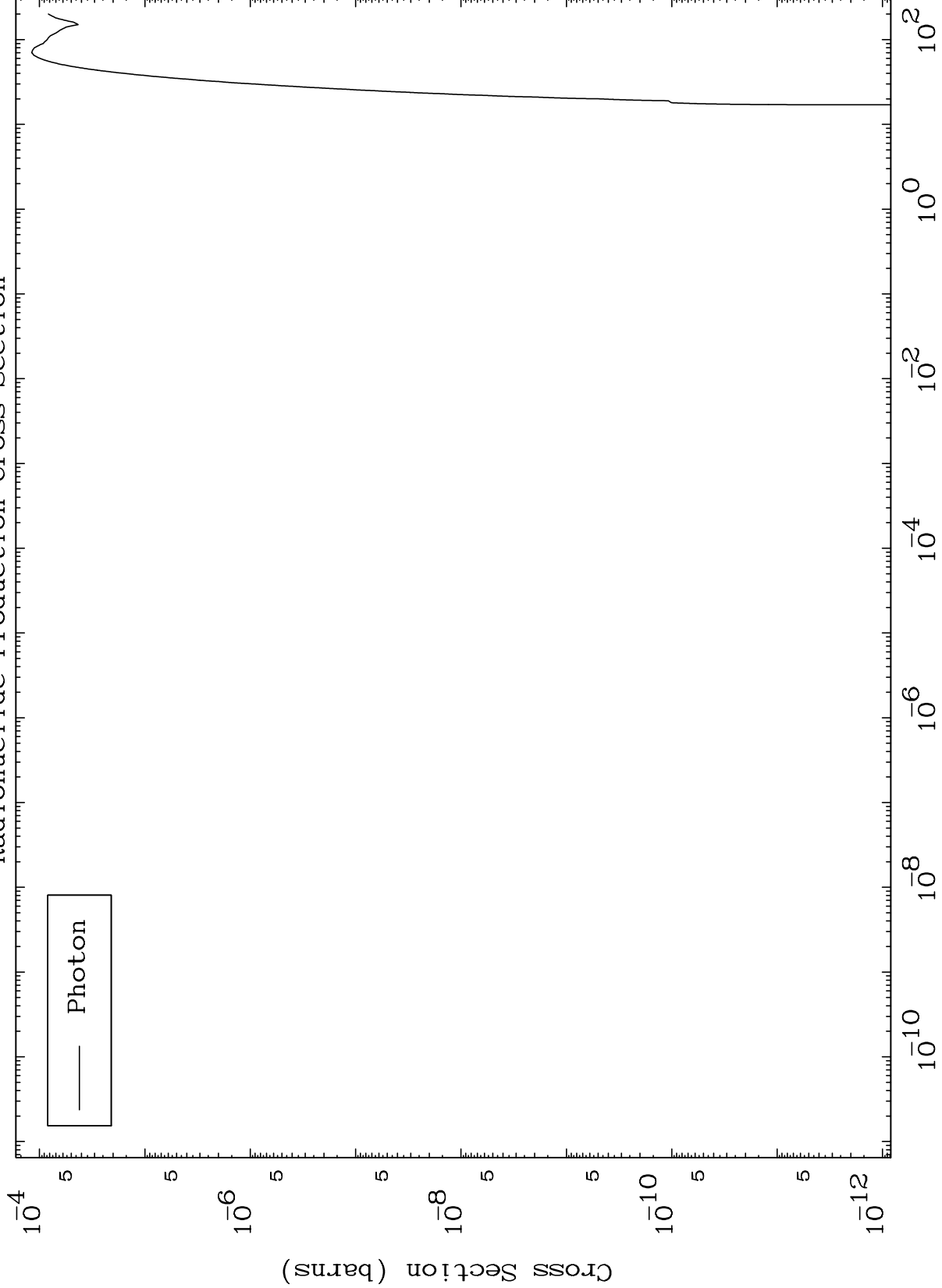
78-Pt-195

MAT 7840

Fission

78-Pt-195

Radionuclide Production Cross Section



123

Incident Energy (MeV)

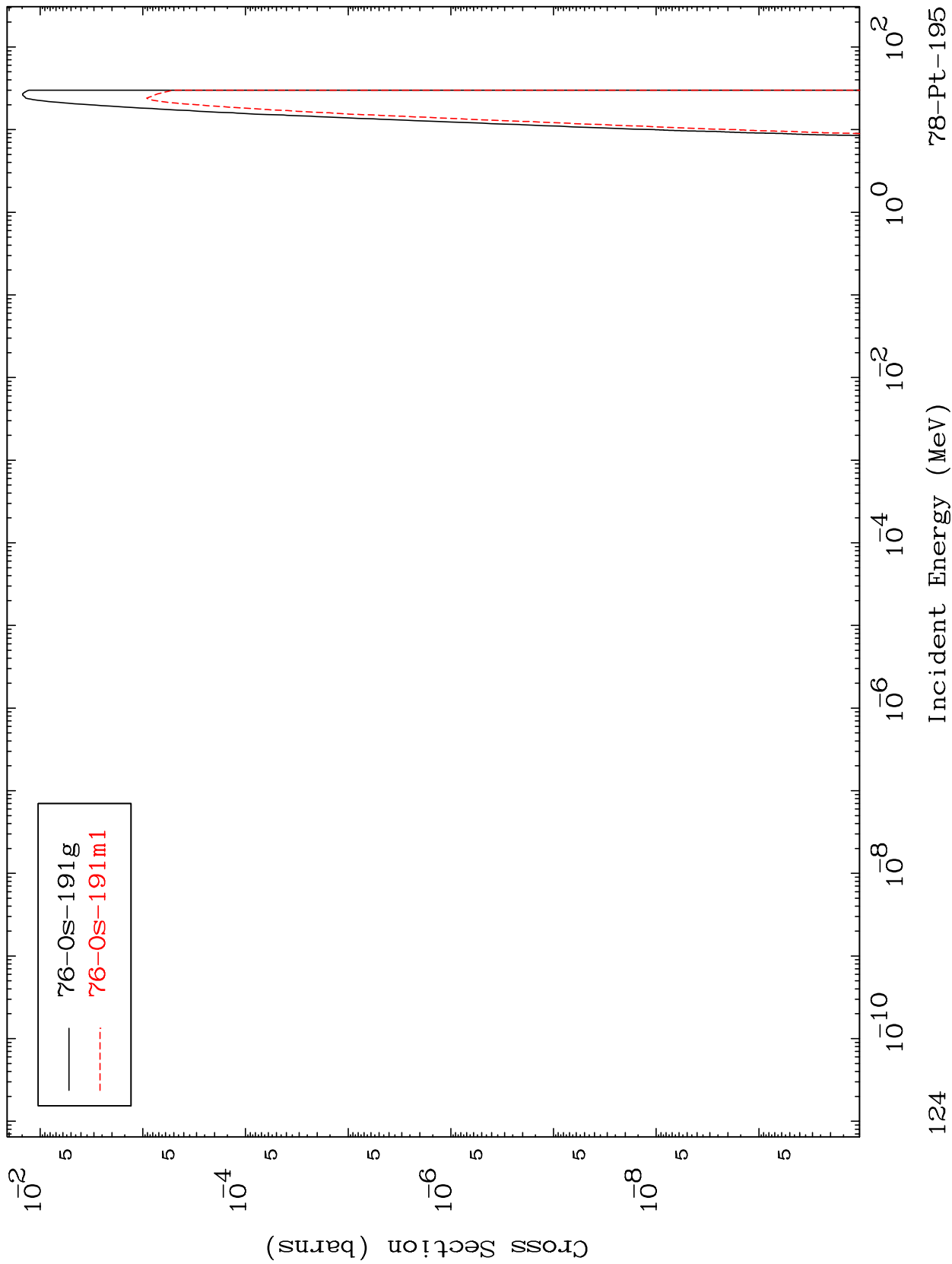
78-Pt-195

MAT 7840

(n, n') α

78-Pt-195

Radionuclide Production Cross Section

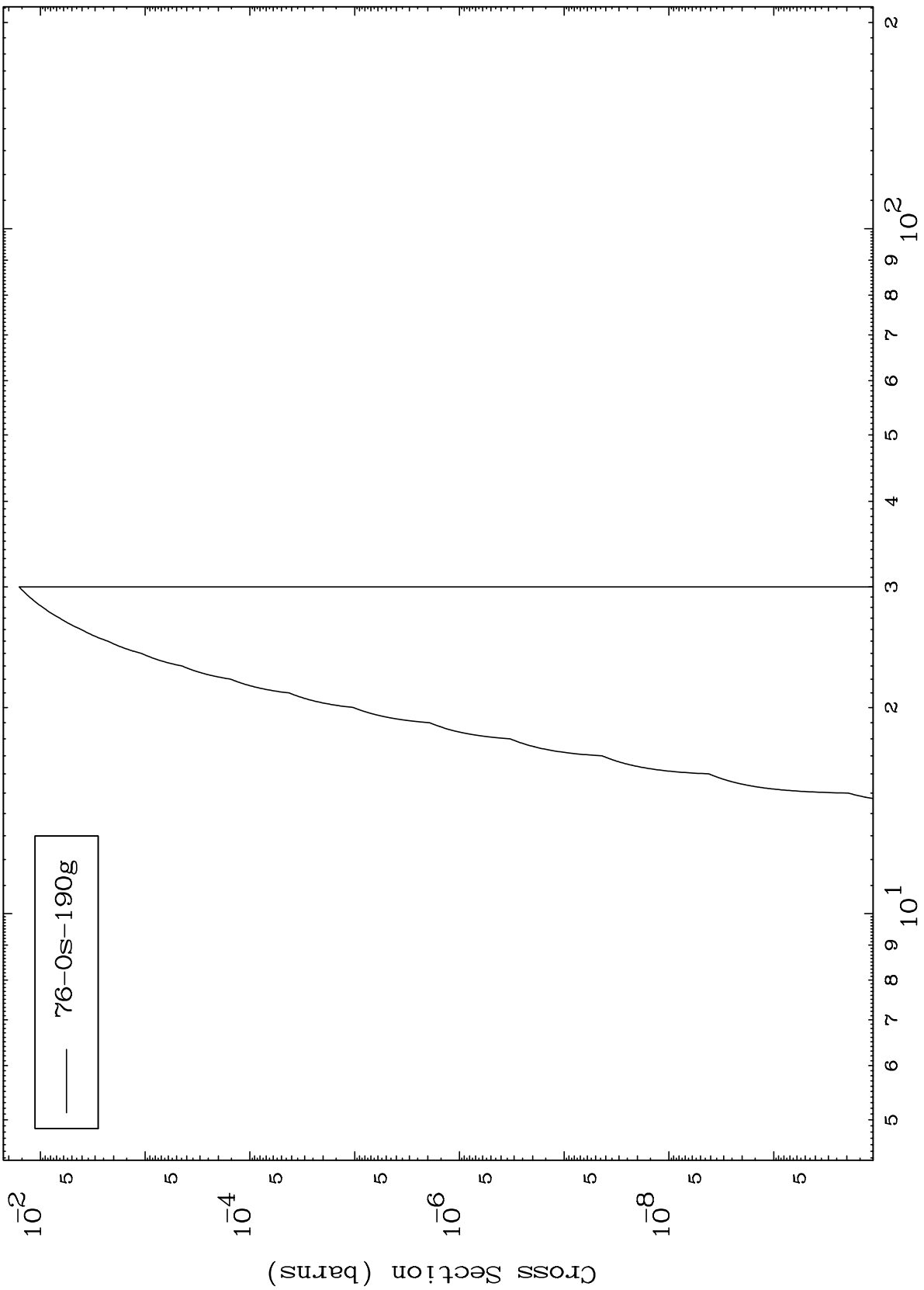


MAT 7840

$(n, 2n) \alpha$

78-Pt-195

Radionuclide Production Cross Section



125

Incident Energy (MeV)

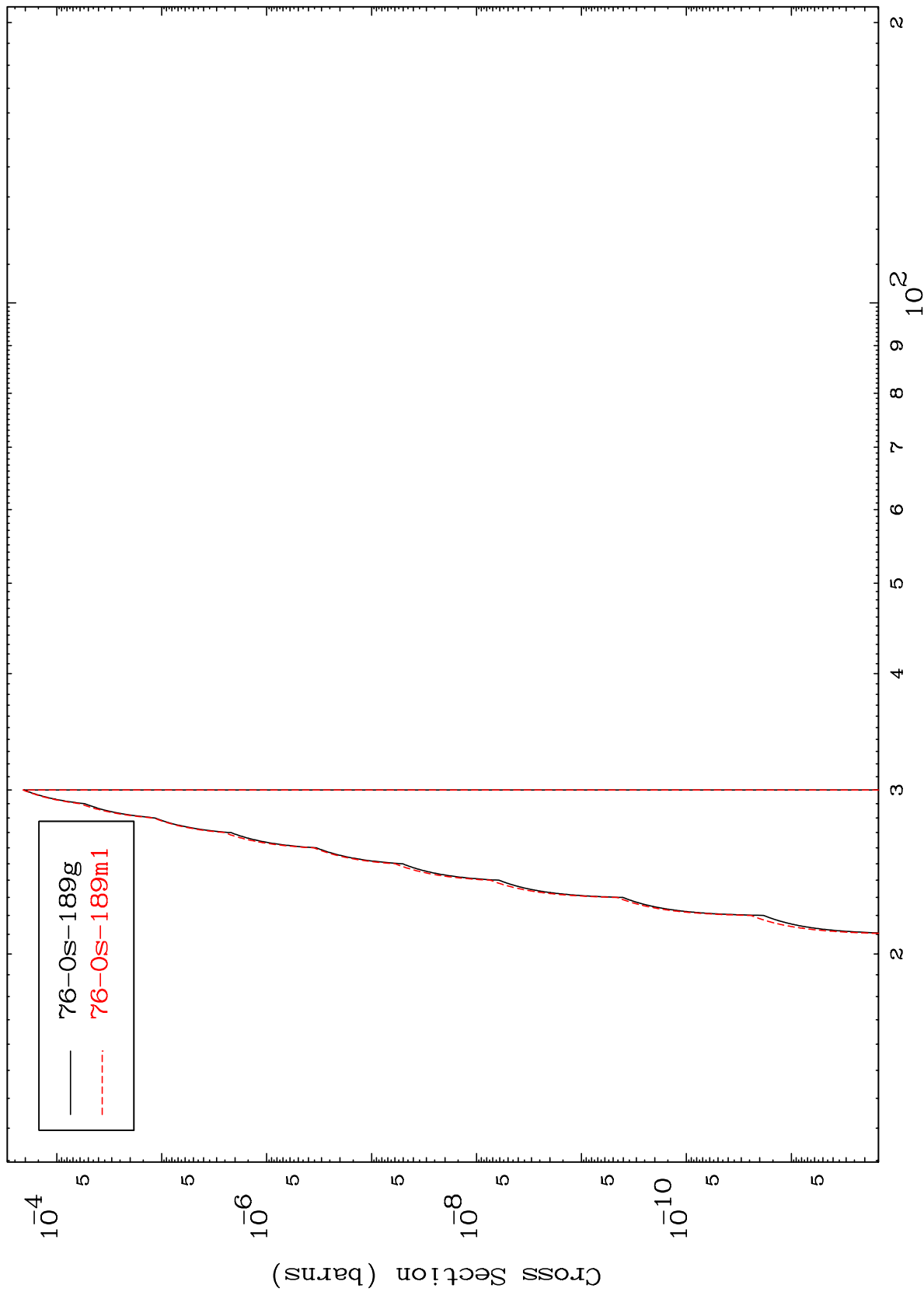
78-Pt-195

MAT 7840

(n,3n) α

78-Pt-195

Radionuclide Production Cross Section



126

Incident Energy (MeV)

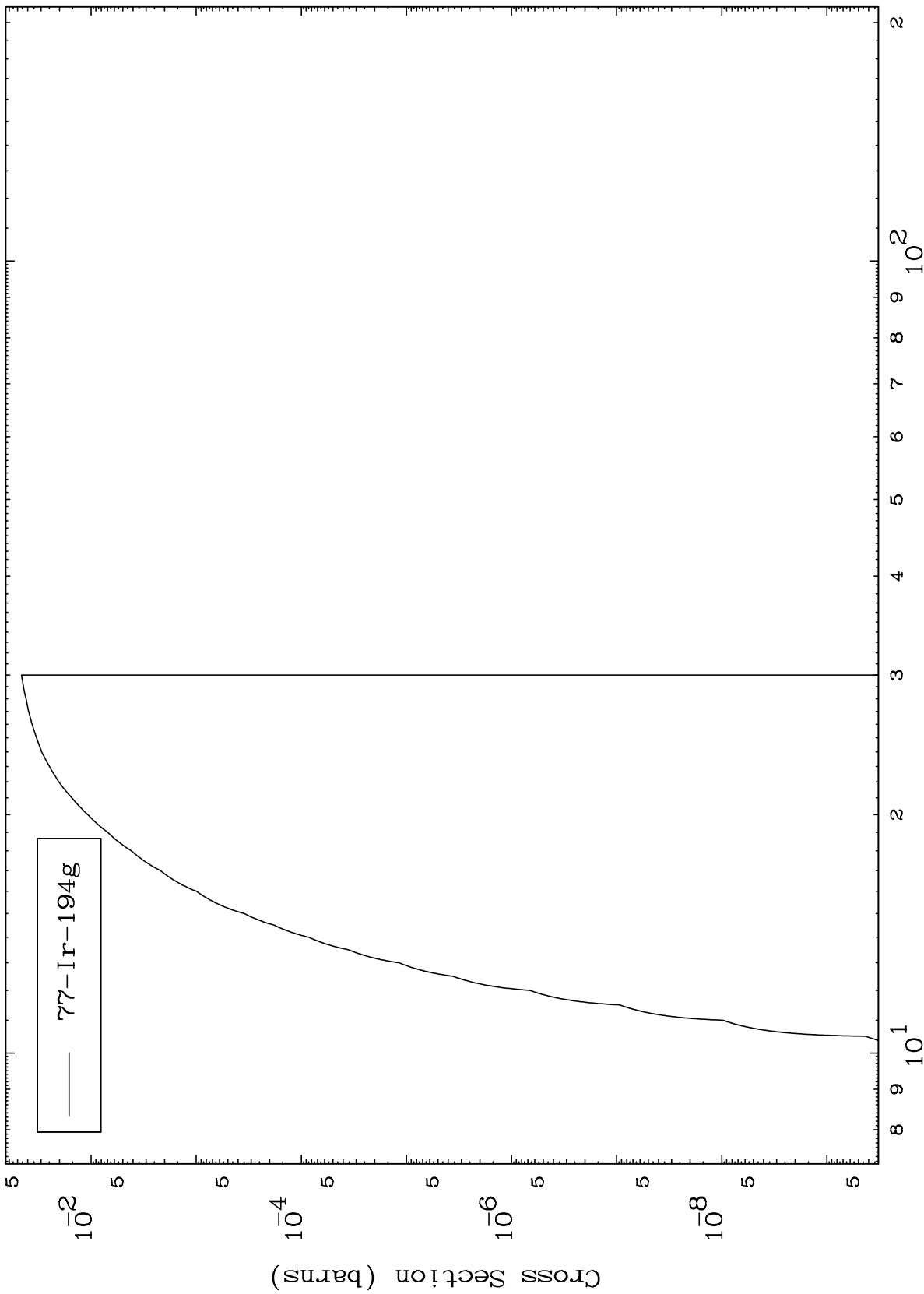
78-Pt-195

MAT 7840

(n,n') p

78-Pt-195

Radionuclide Production Cross Section

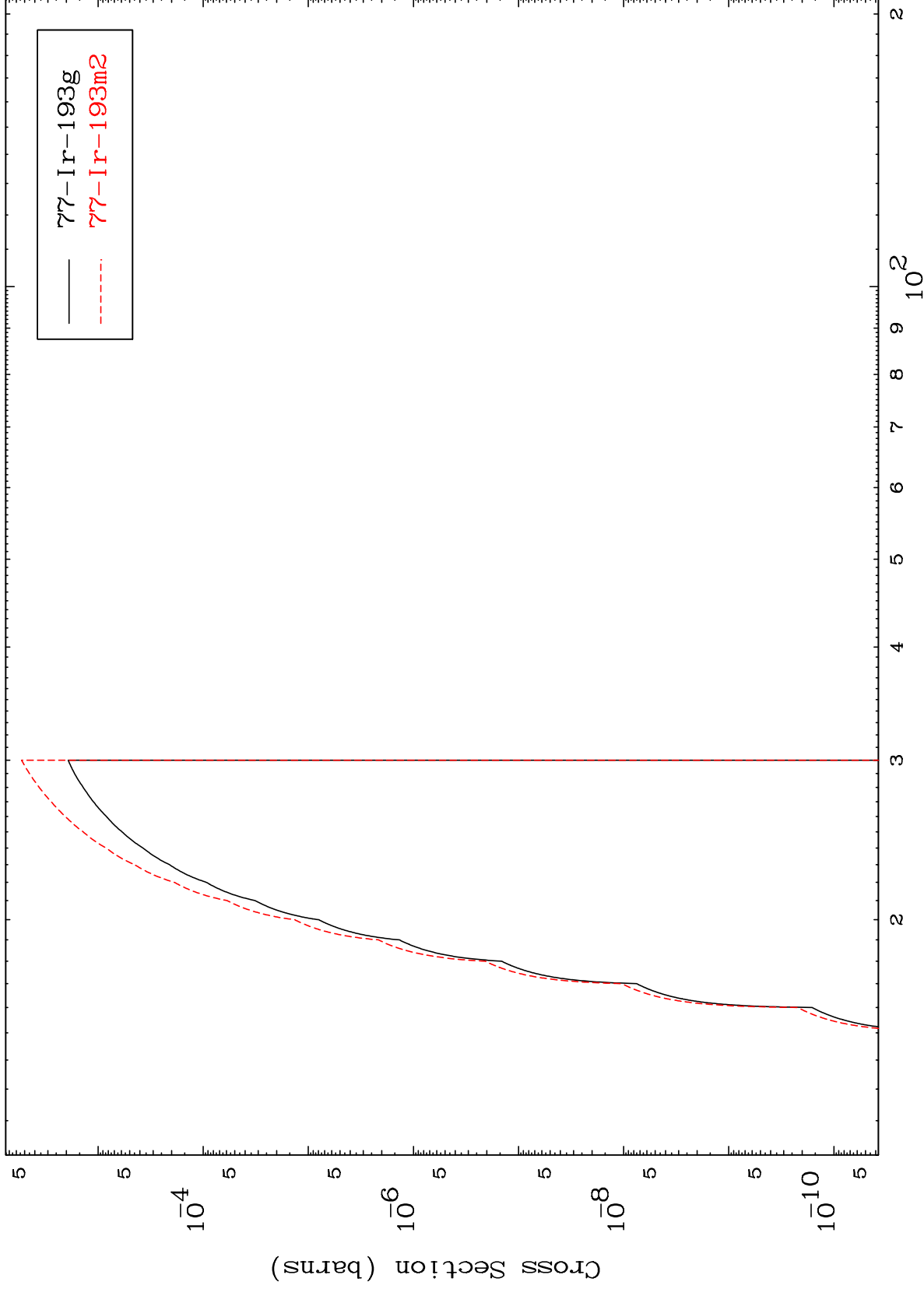


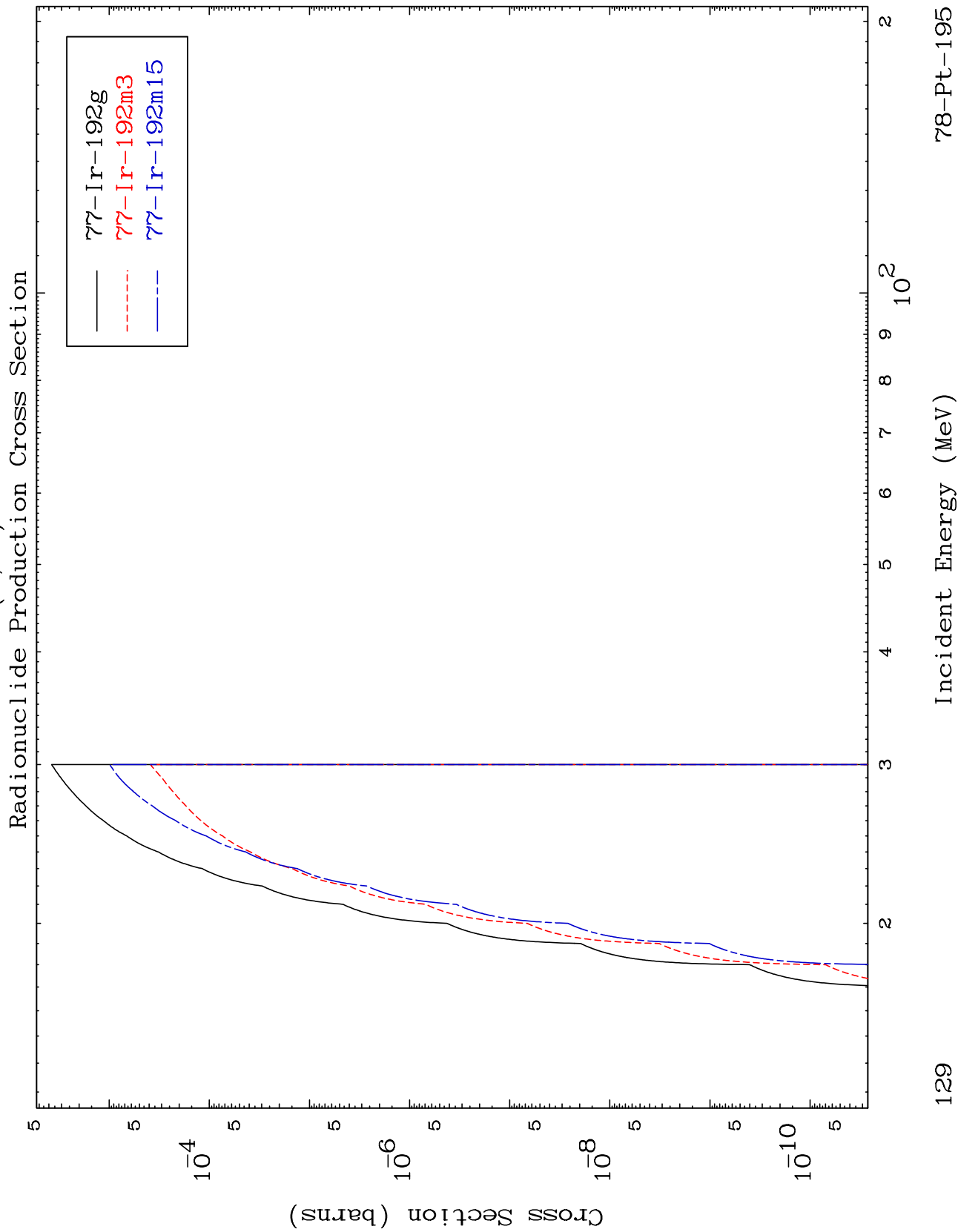
127

Incident Energy (MeV)

78-Pt-195

Radionuclide Production Cross Section



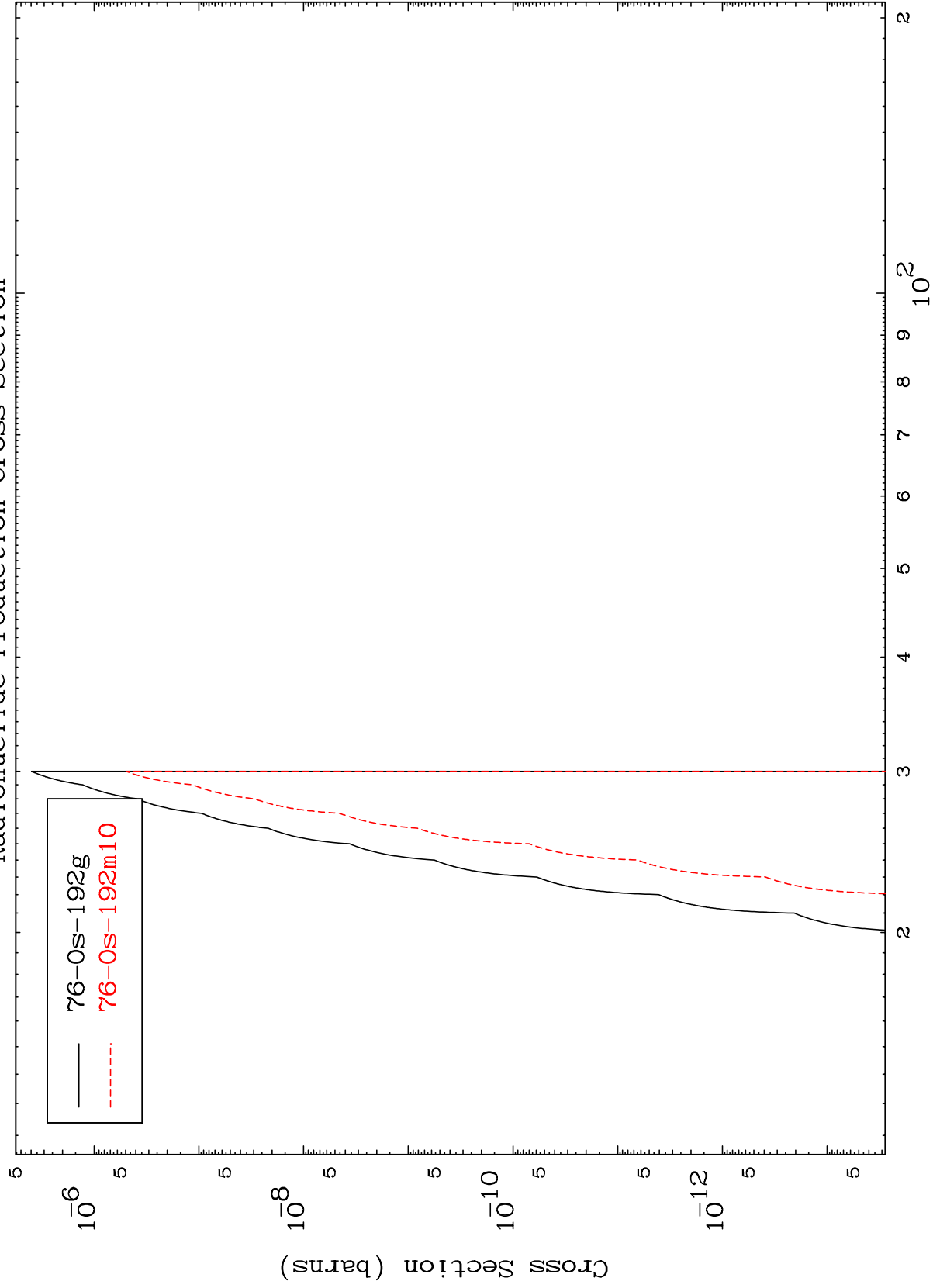


MAT 7840

(n,n') He-3

78-Pt-195

Radionuclide Production Cross Section



130

Incident Energy (MeV)

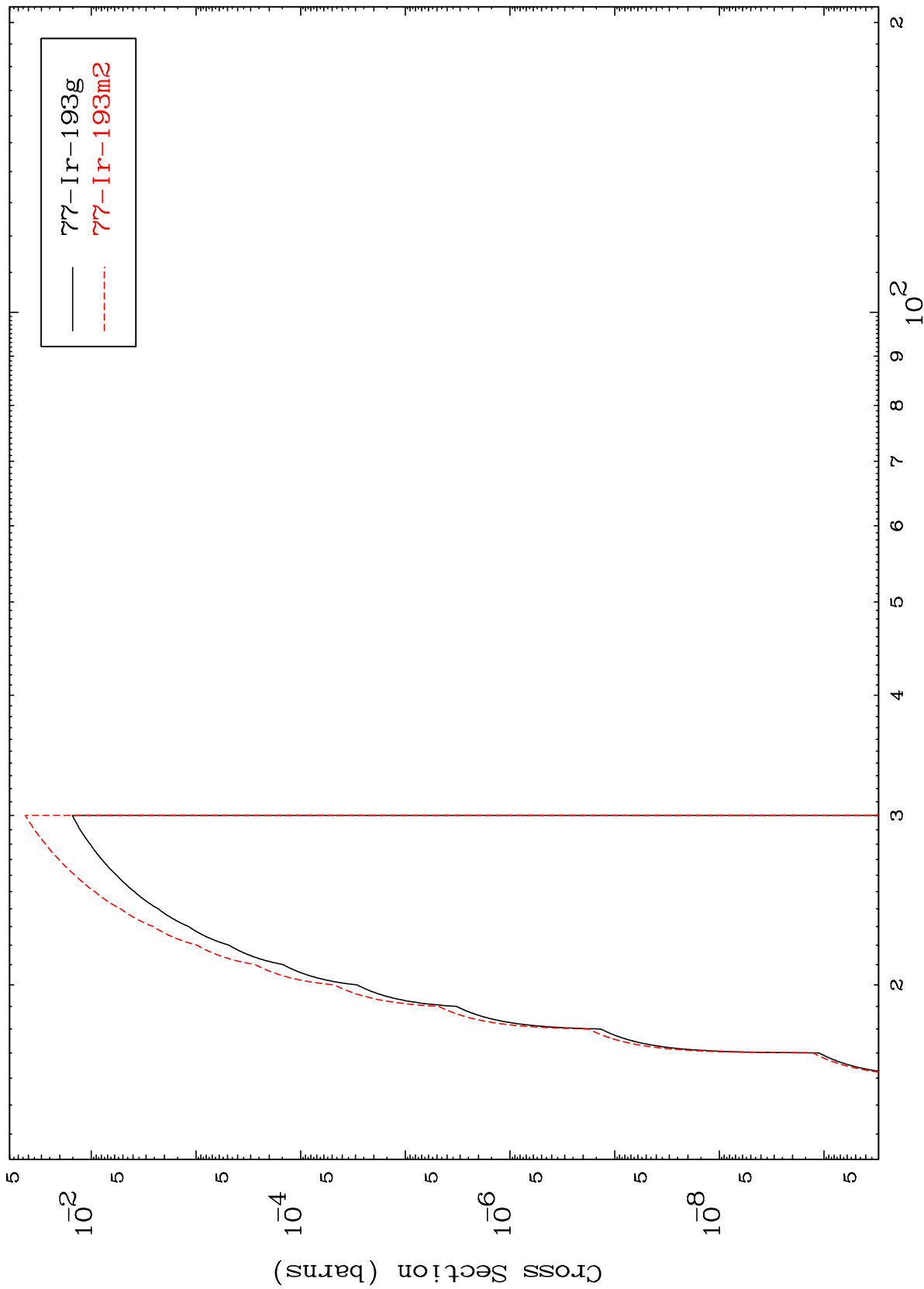
78-Pt-195

MAT 7840

(n,2n) p

78-Pt-195

Radionuclide Production Cross Section

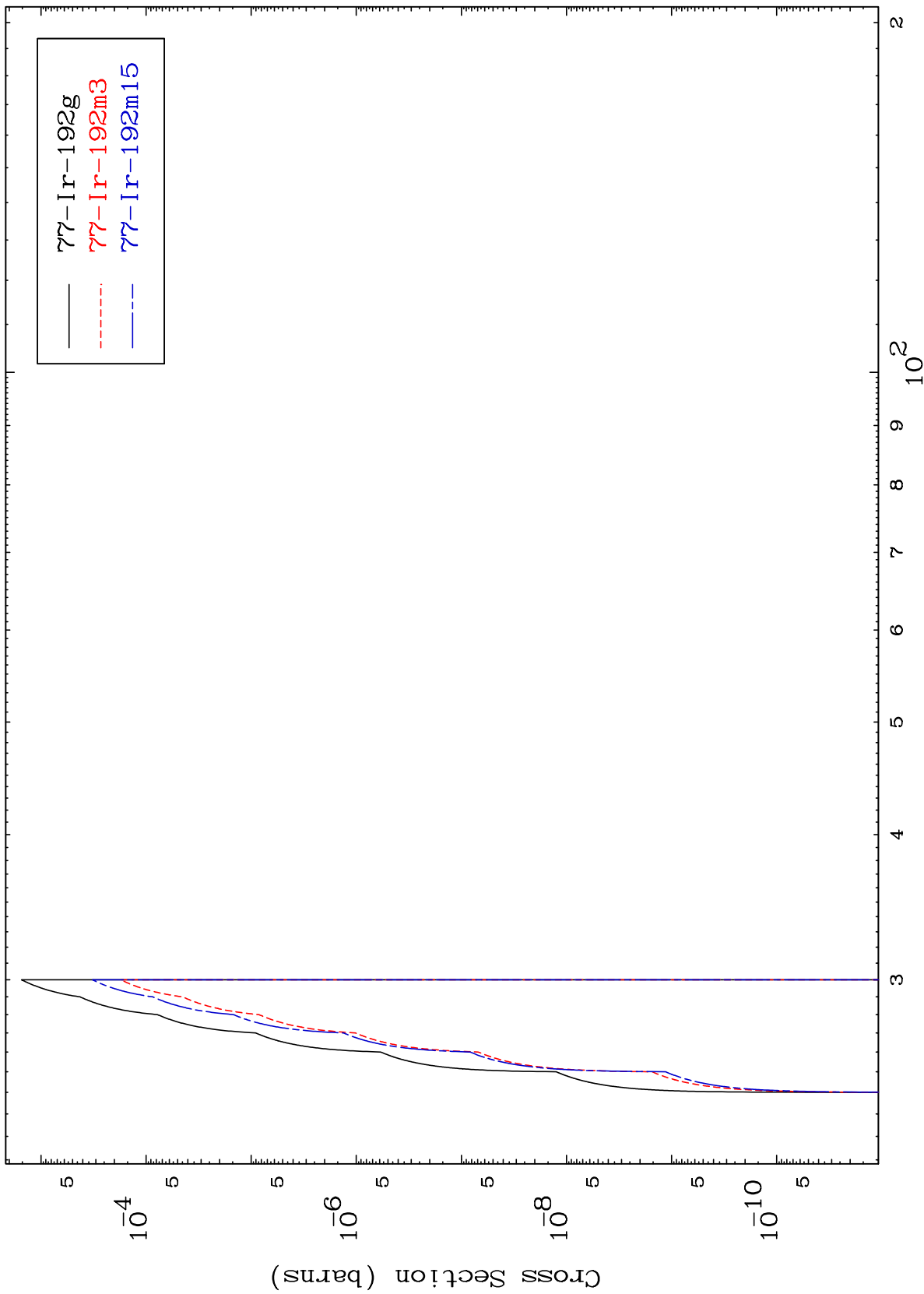


131

Incident Energy (MeV)

78-Pt-195

Radionuclide Production Cross Section

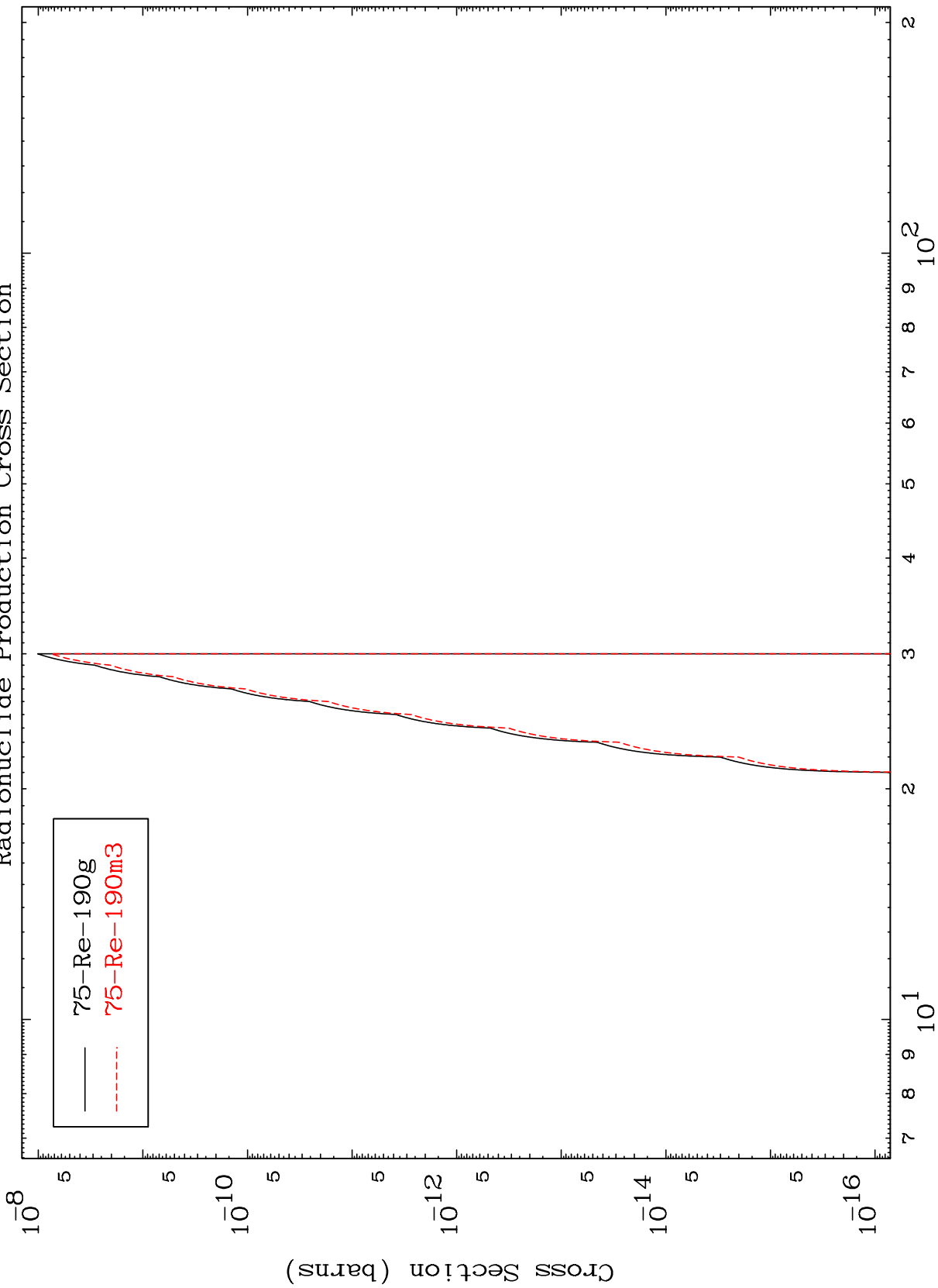


MAT 7840

(n,n') p α

78-Pt-195

Radionuclide Production Cross Section



133

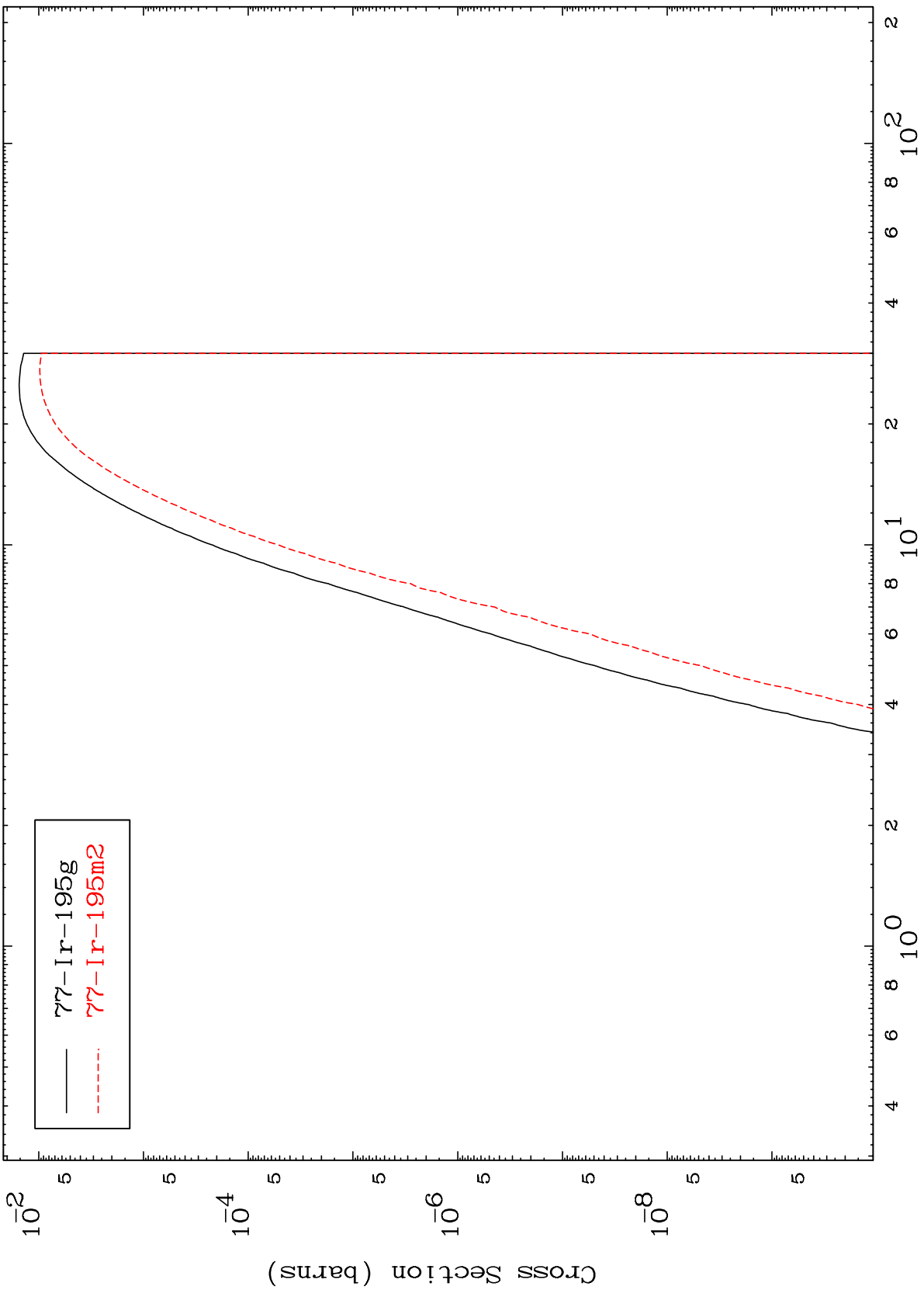
Incident Energy (MeV)

78-Pt-195

MAT 7840

78-Pt-195

(n,p)
Radionuclide Production Cross Section



— $^{77}\text{Ir-195g}$
- - - $^{77}\text{Ir-195m2}$

134

Incident Energy (MeV)

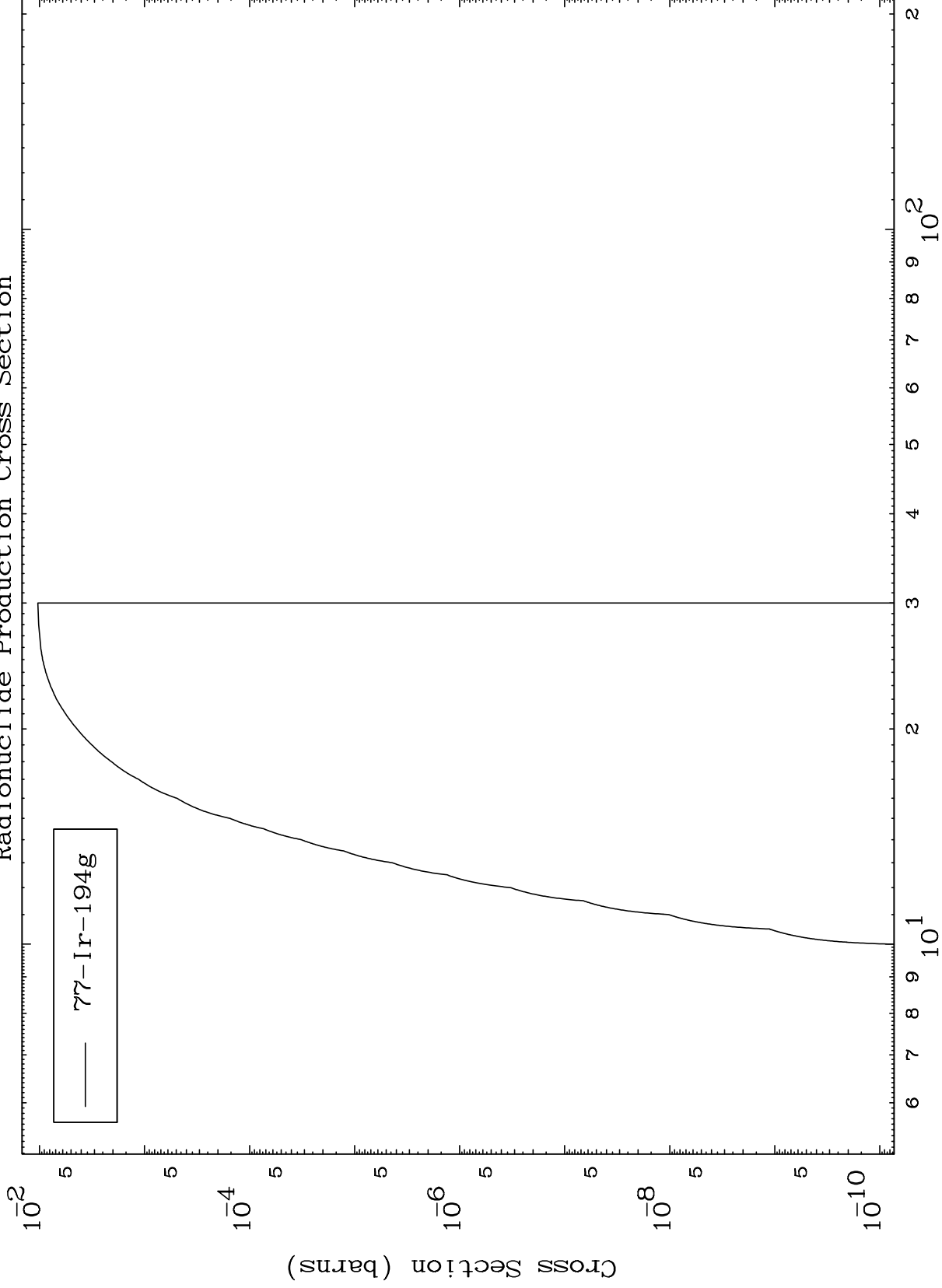
78-Pt-195

MAT 7840

(n,d)

78-Pt-195

Radionuclide Production Cross Section



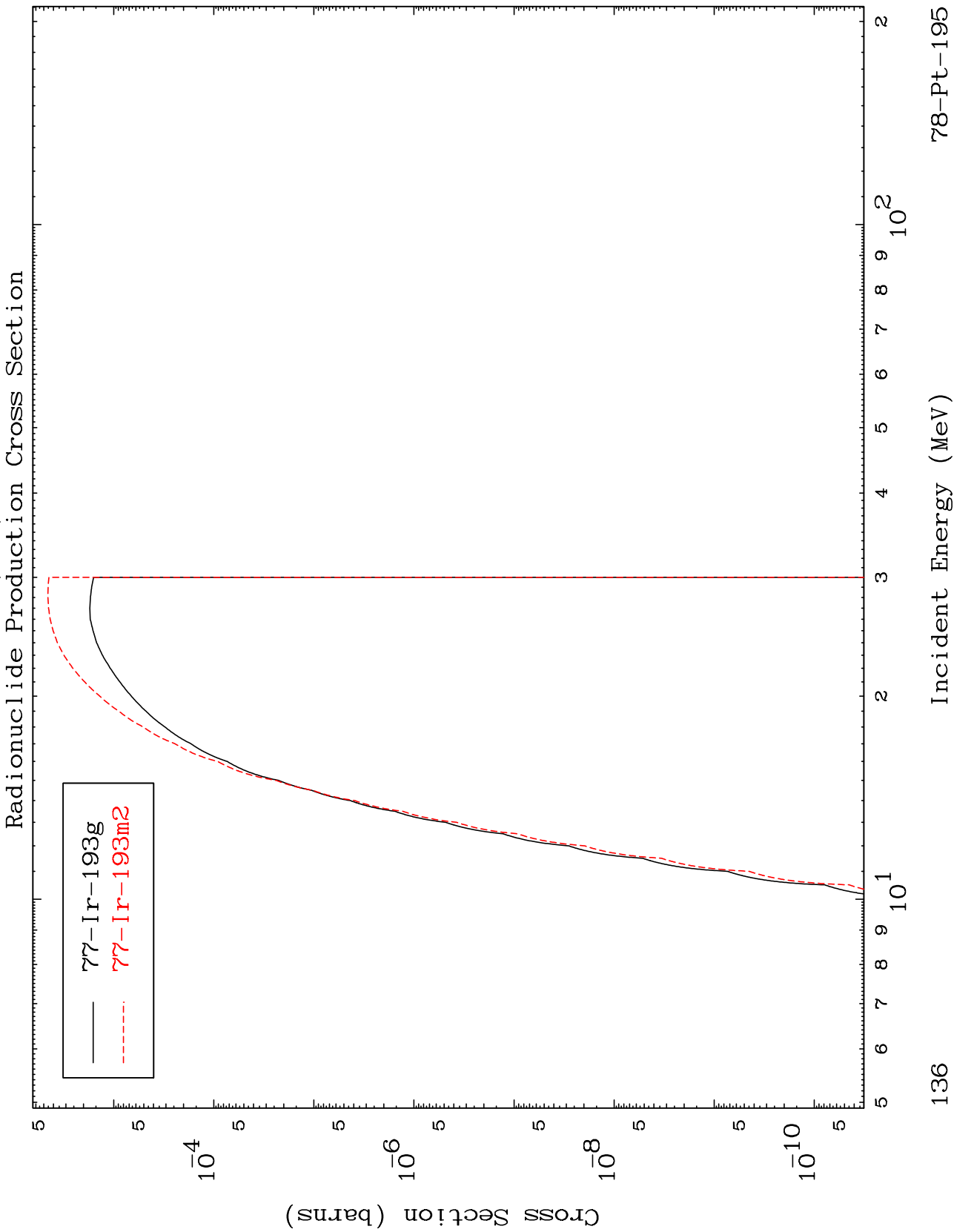
135

Incident Energy (MeV)

78-Pt-195

MAT 7840

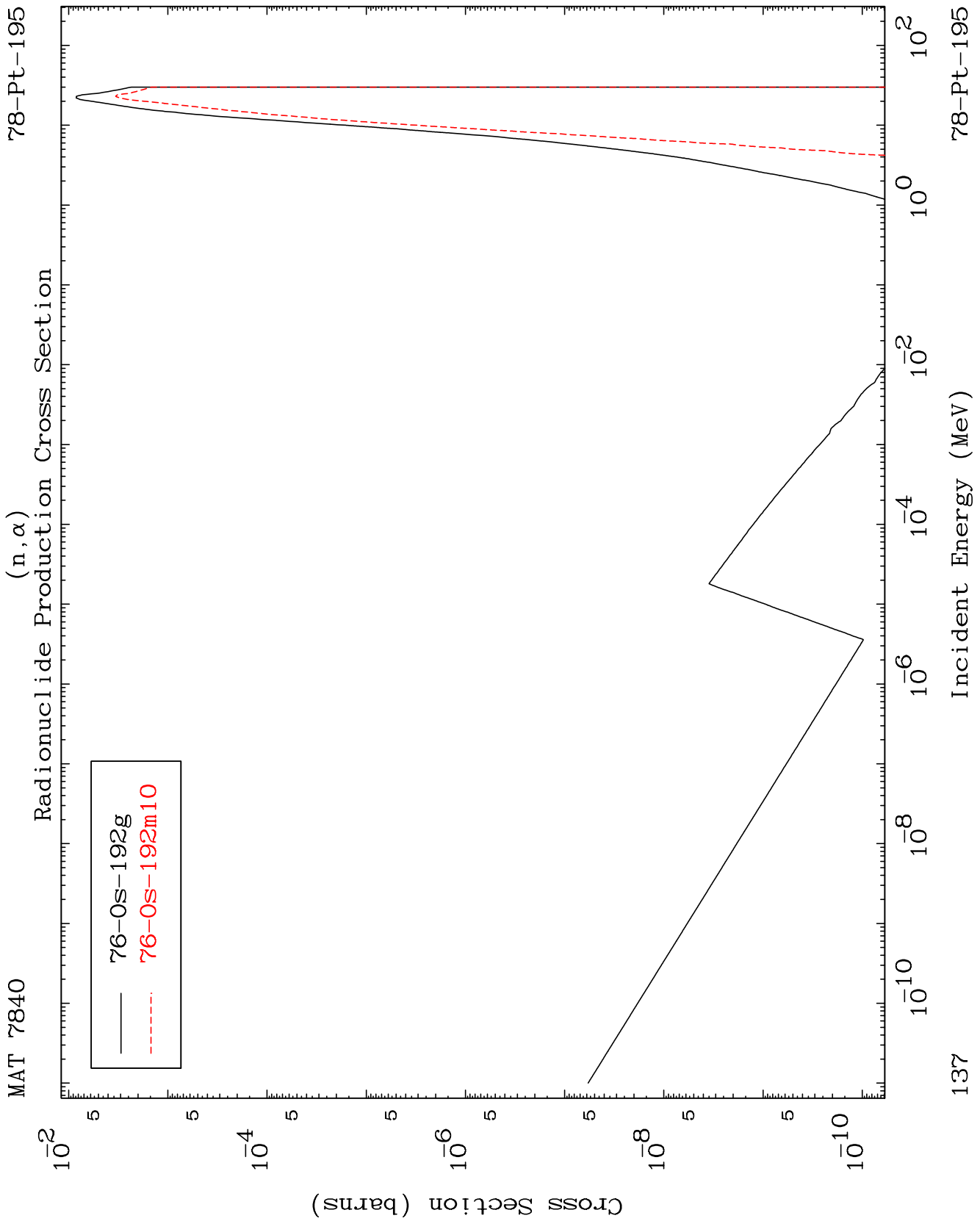
78-Pt-195



Incident Energy (MeV)

78-Pt-195

136

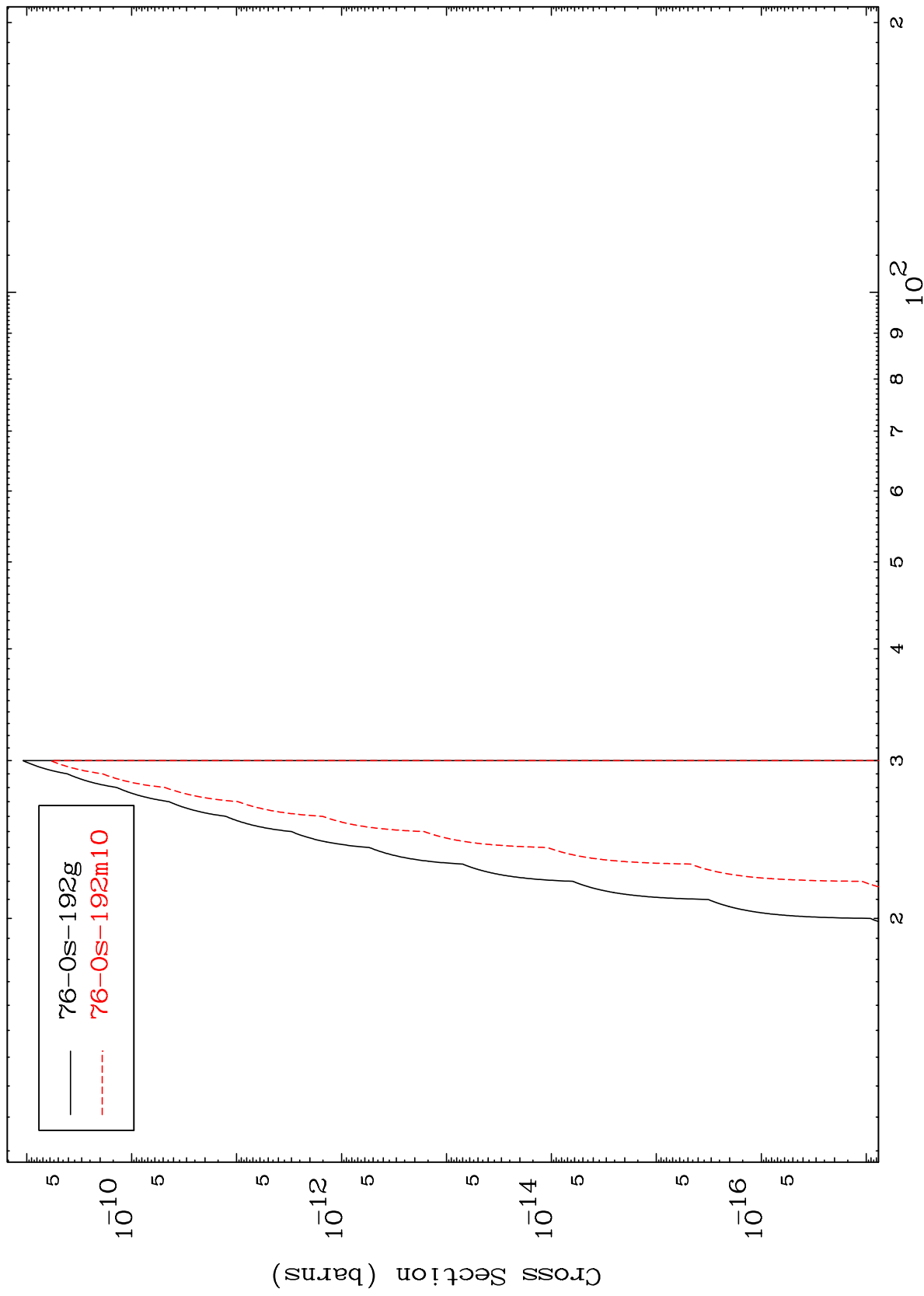


MAT 7840

(n,p) t

78-Pt-195

Radionuclide Production Cross Section



138

Incident Energy (MeV)

78-Pt-195