

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

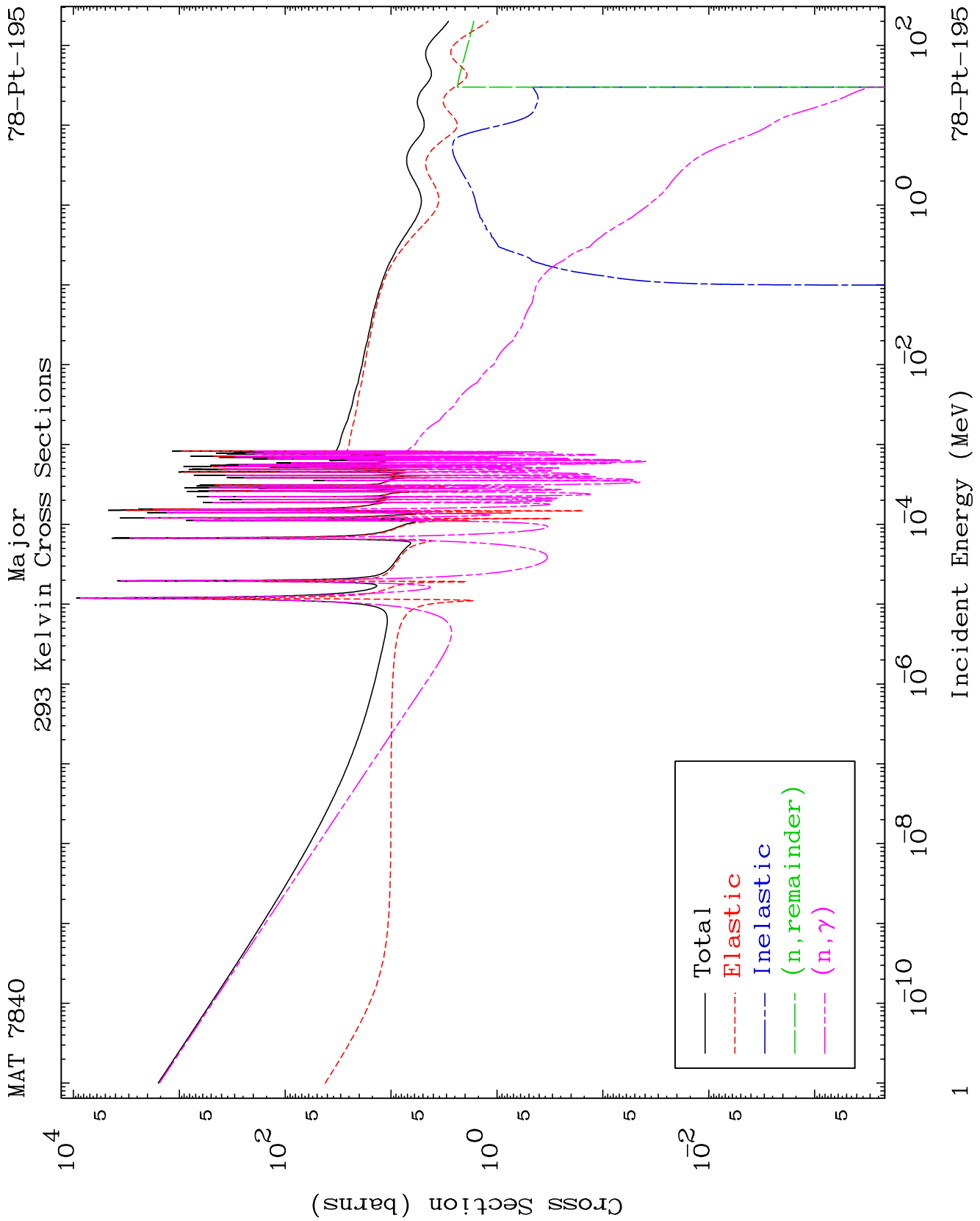
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Tele: 925-443-1911

E.Mail: redcullen1@comcast.net

Web: redcullen1.net/HOMEPAGE.NEW

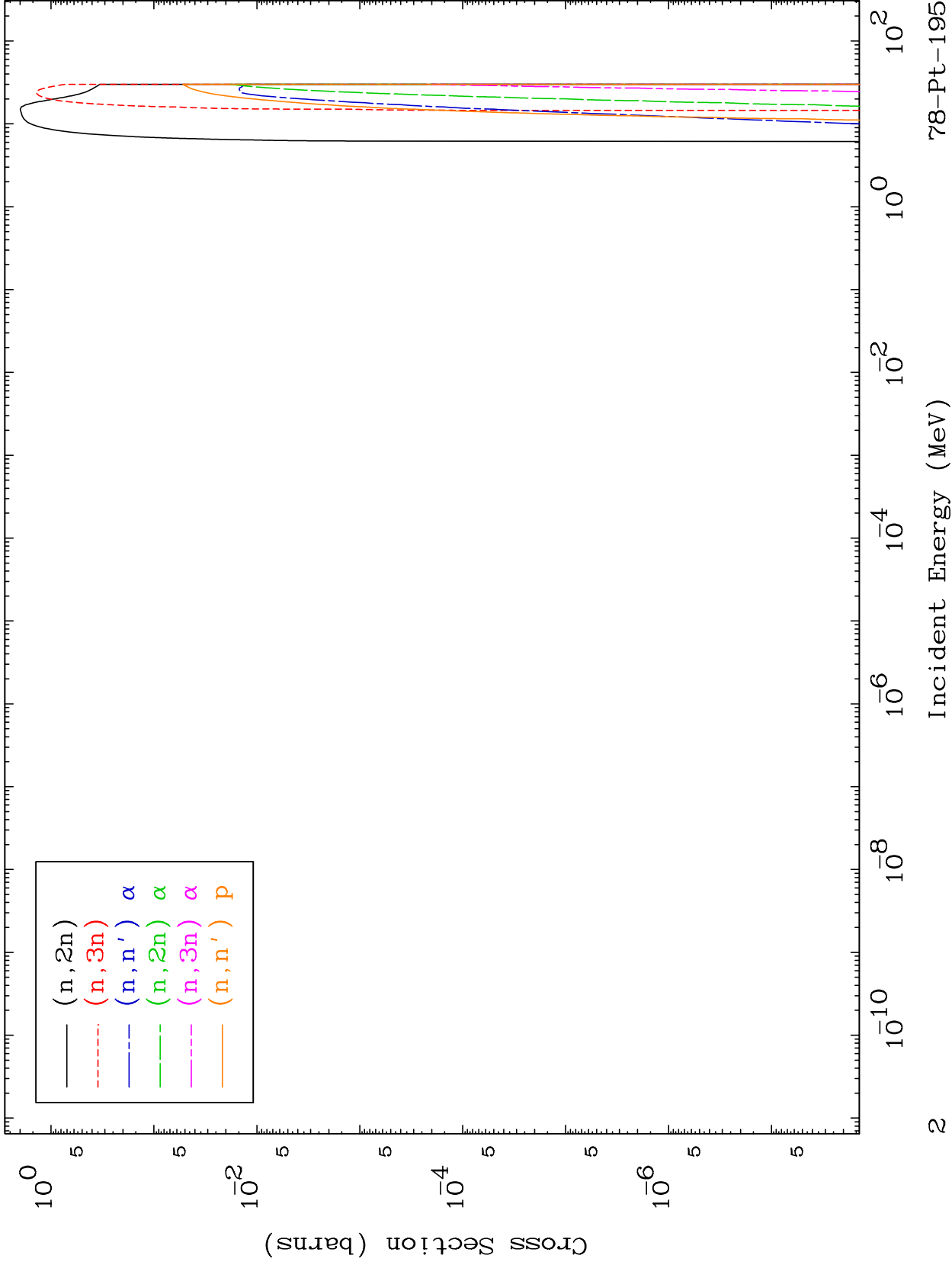
Press Mouse Button to Start

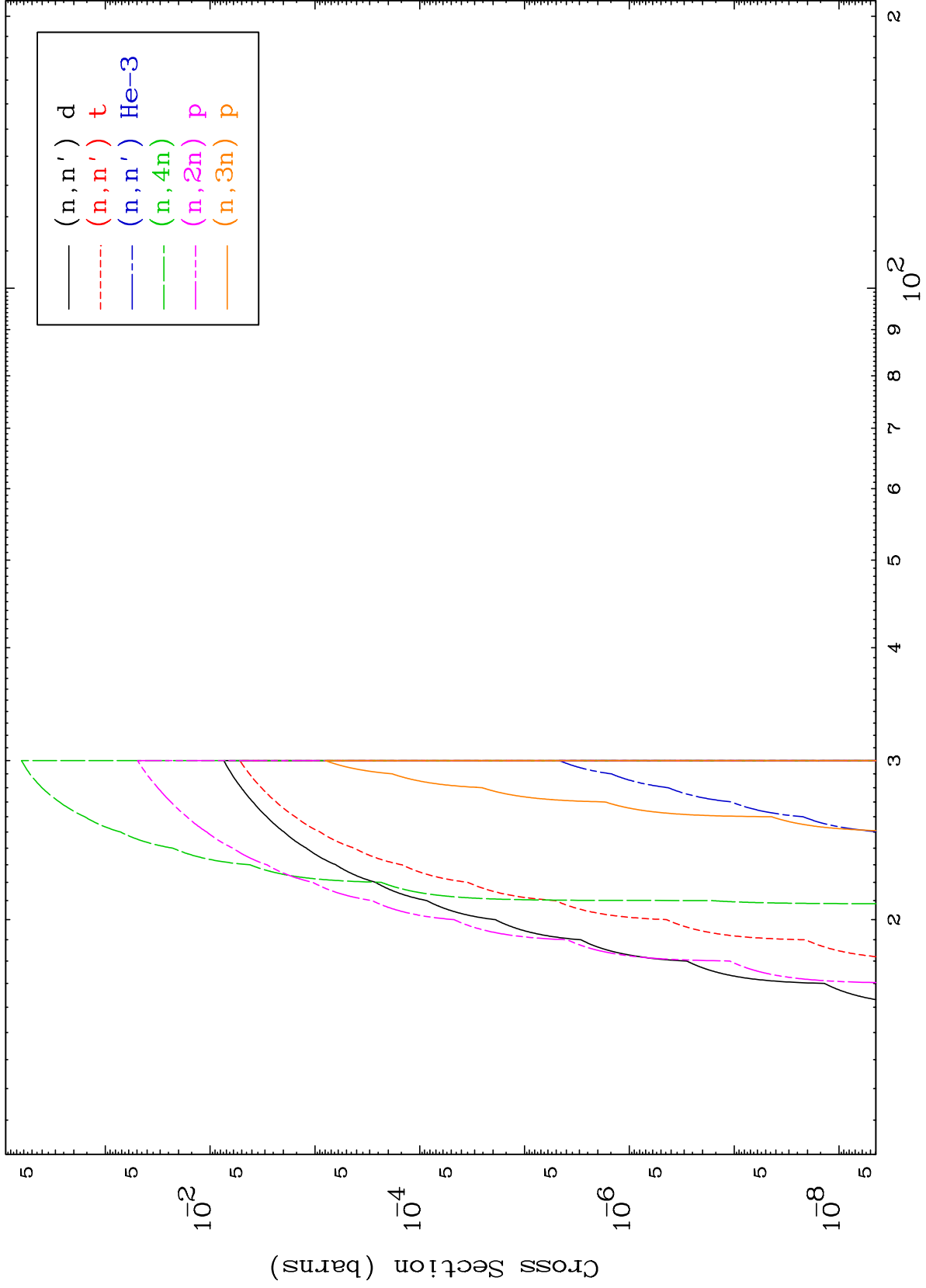


MAT 7840

Neutron Production
293 Kelvin Cross Sections

78-Pt-195

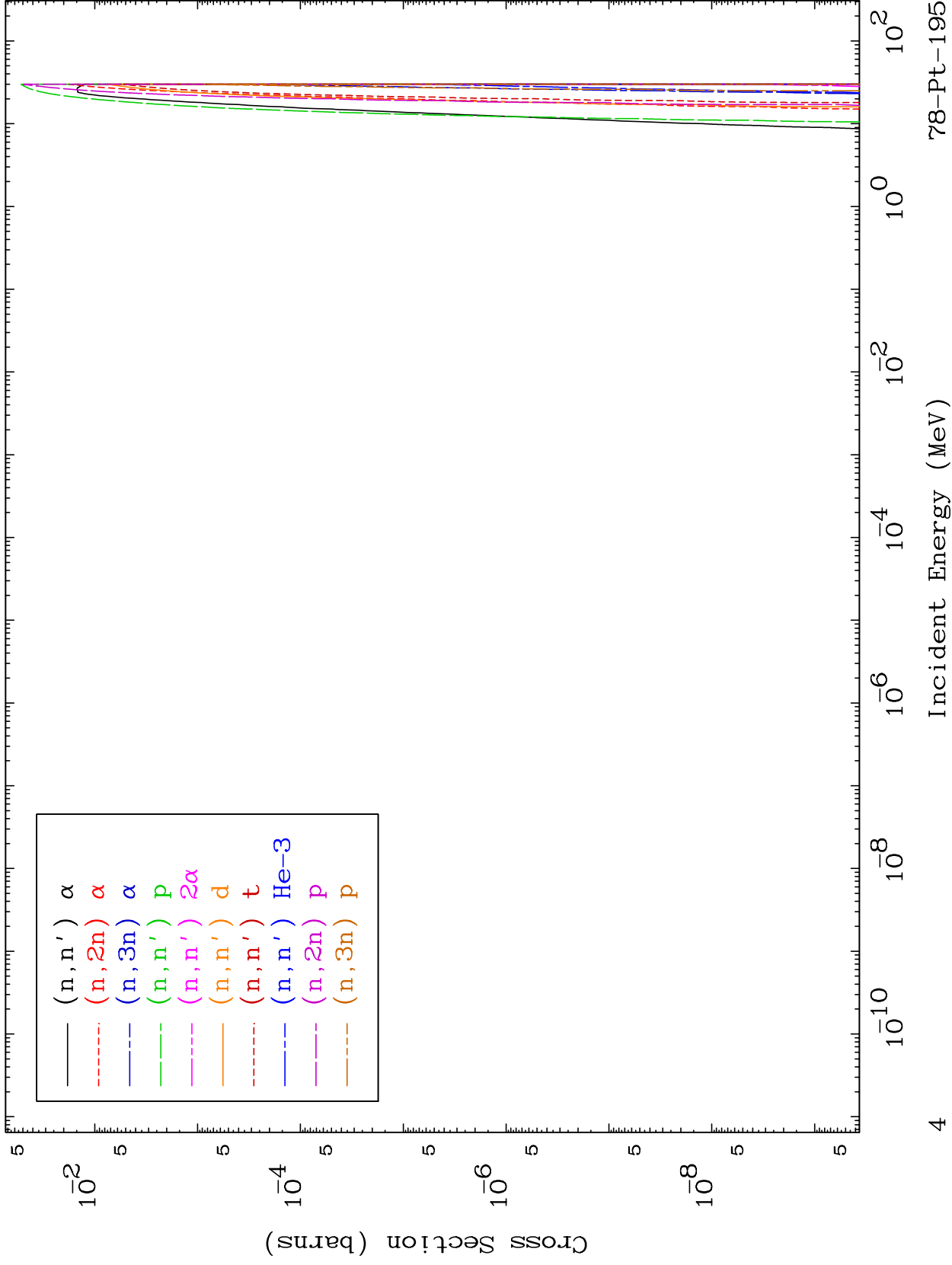




MAT 7840

Charged Particle
293 Kelvin Cross Sections

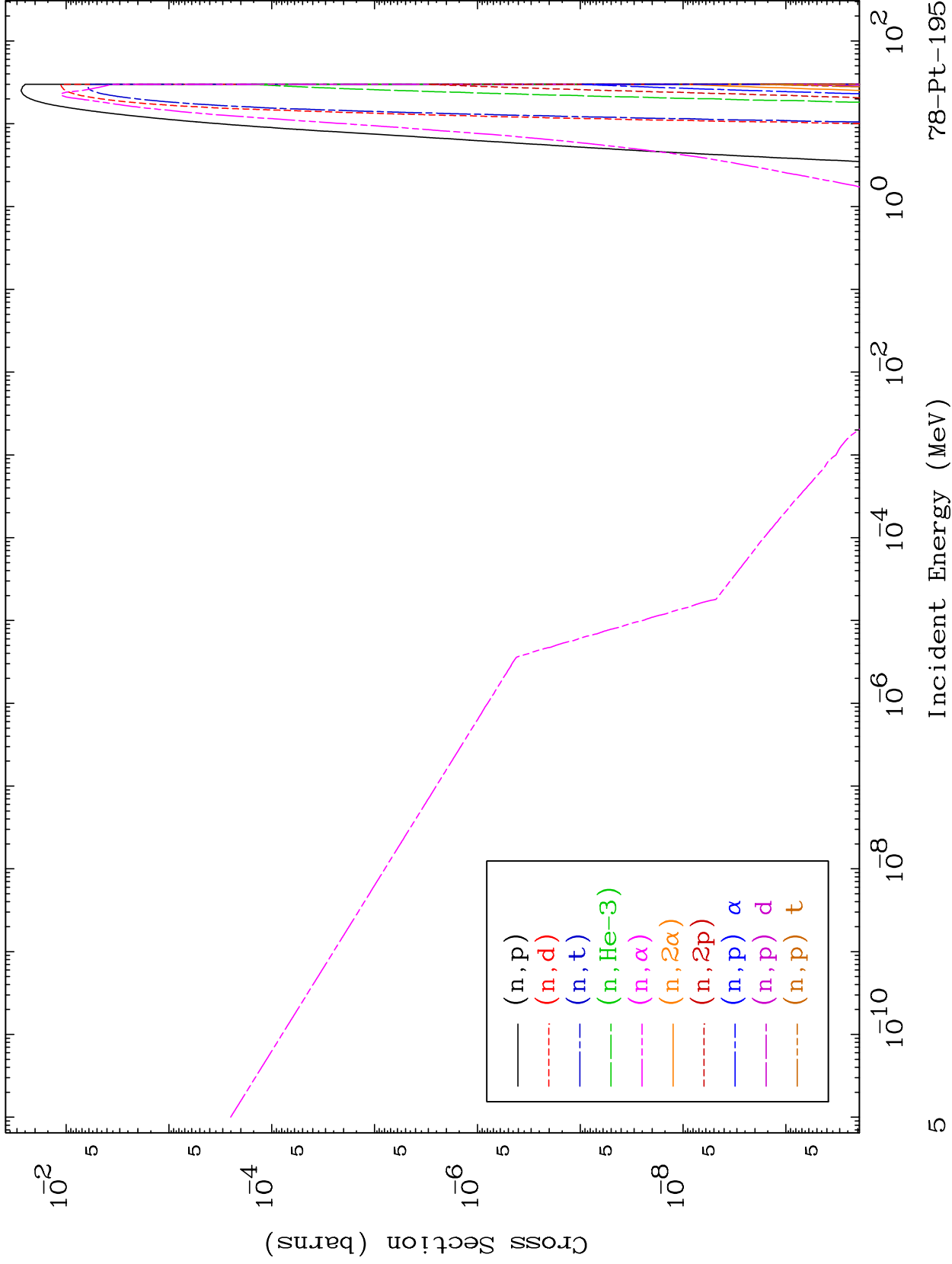
78-Pt-195

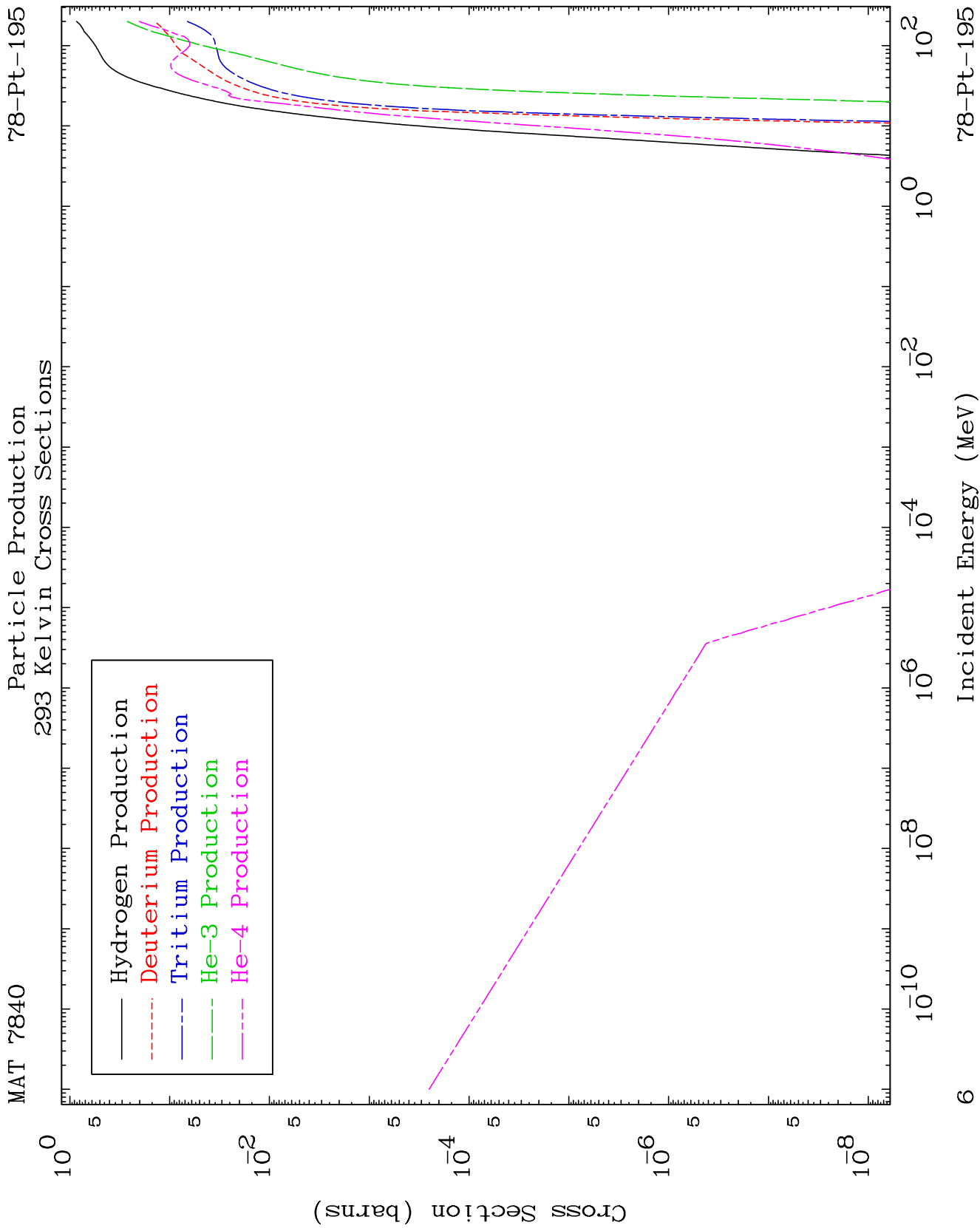


MAT 7840

Charged Particle
293 Kelvin Cross Sections

78-Pt-195



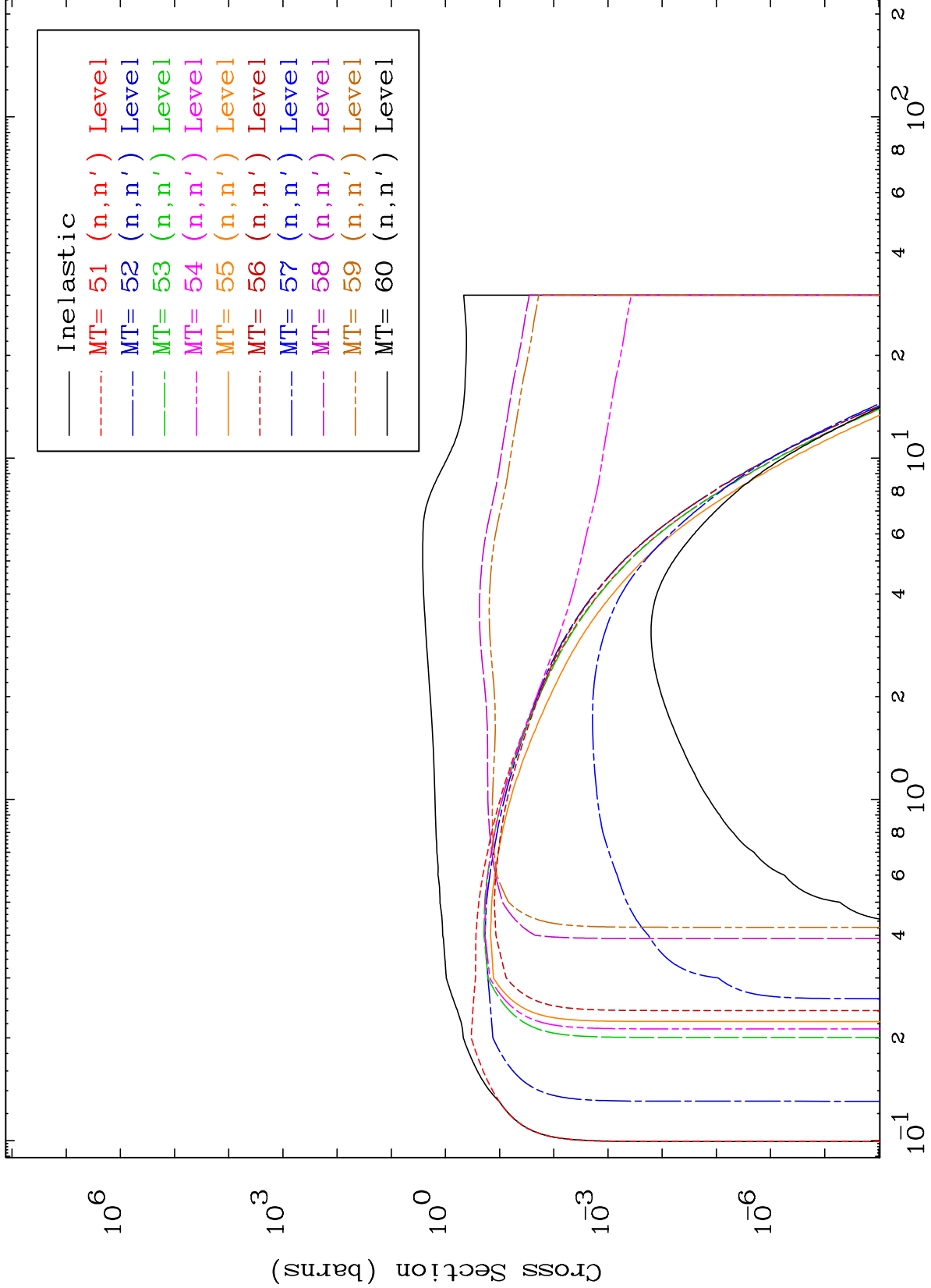


MAT 7840

(n,n') Level

78-Pt-195

293 Kelvin Cross Sections



Incident Energy (MeV)

78-Pt-195

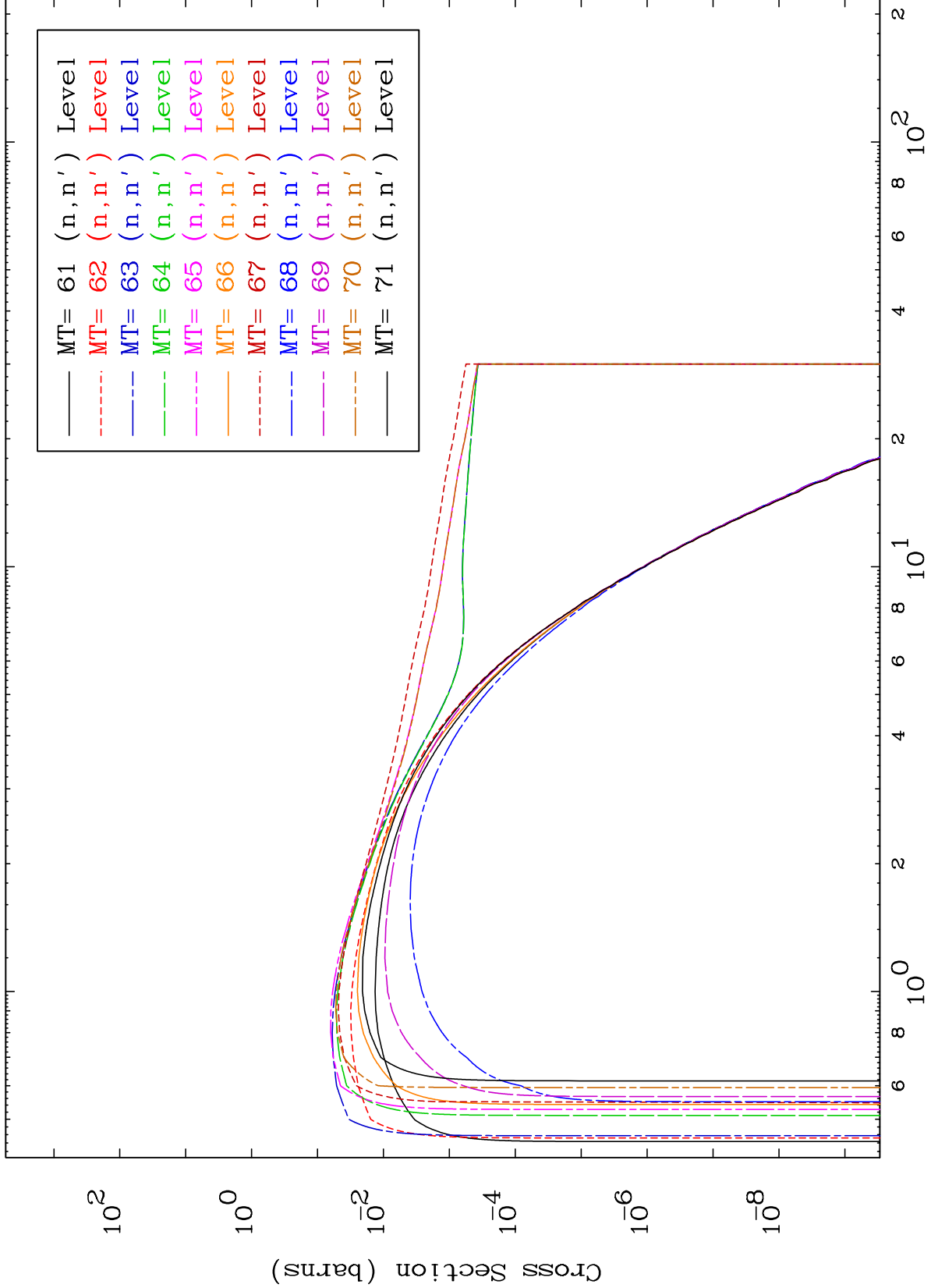
7

MAT 7840

(n,n') Level

78-Pt-195

293 Kelvin Cross Sections



8

Incident Energy (MeV)

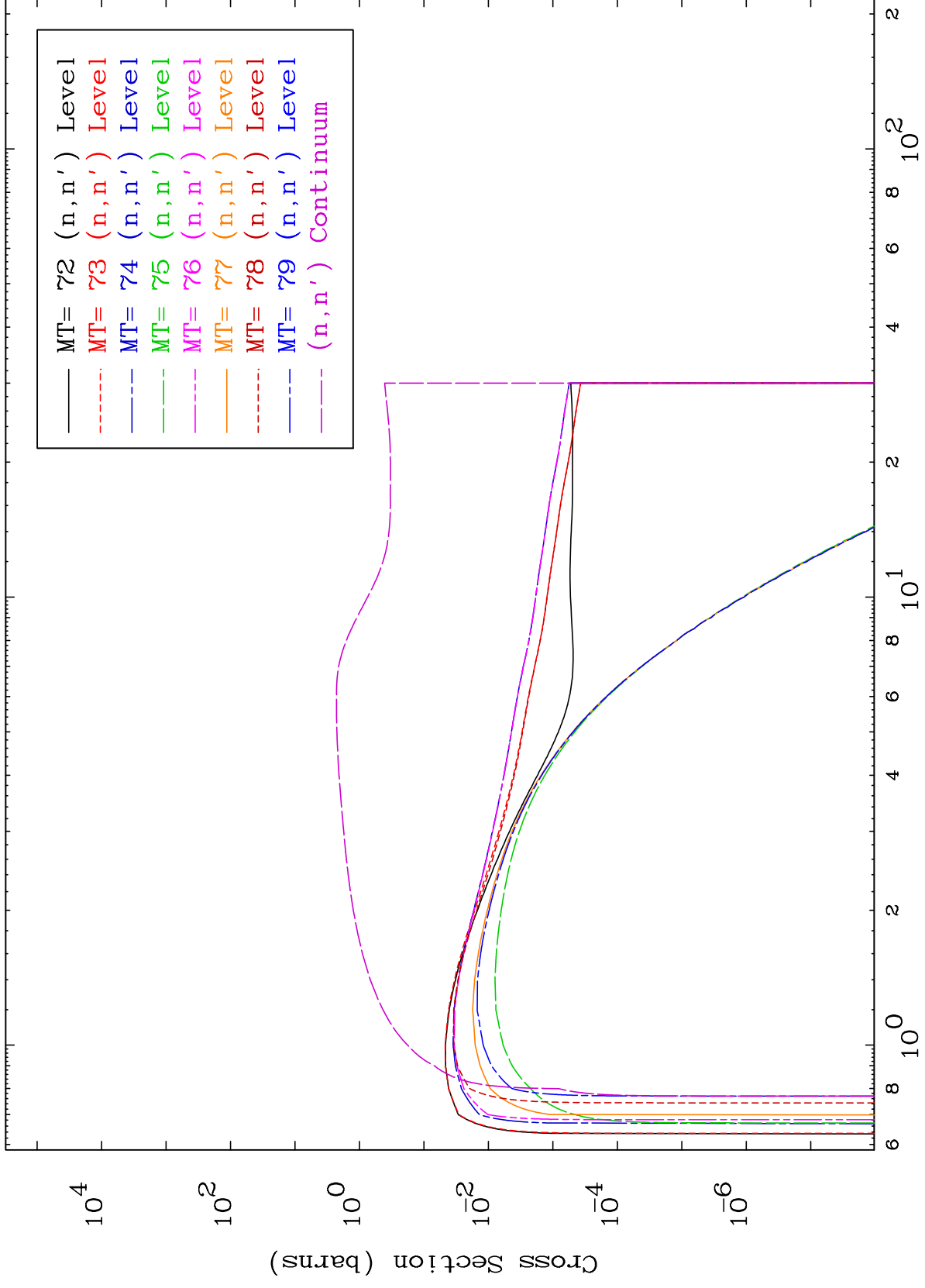
78-Pt-195

MAT 7840

(n,n') Level

78-Pt-195

293 Kelvin Cross Sections



9

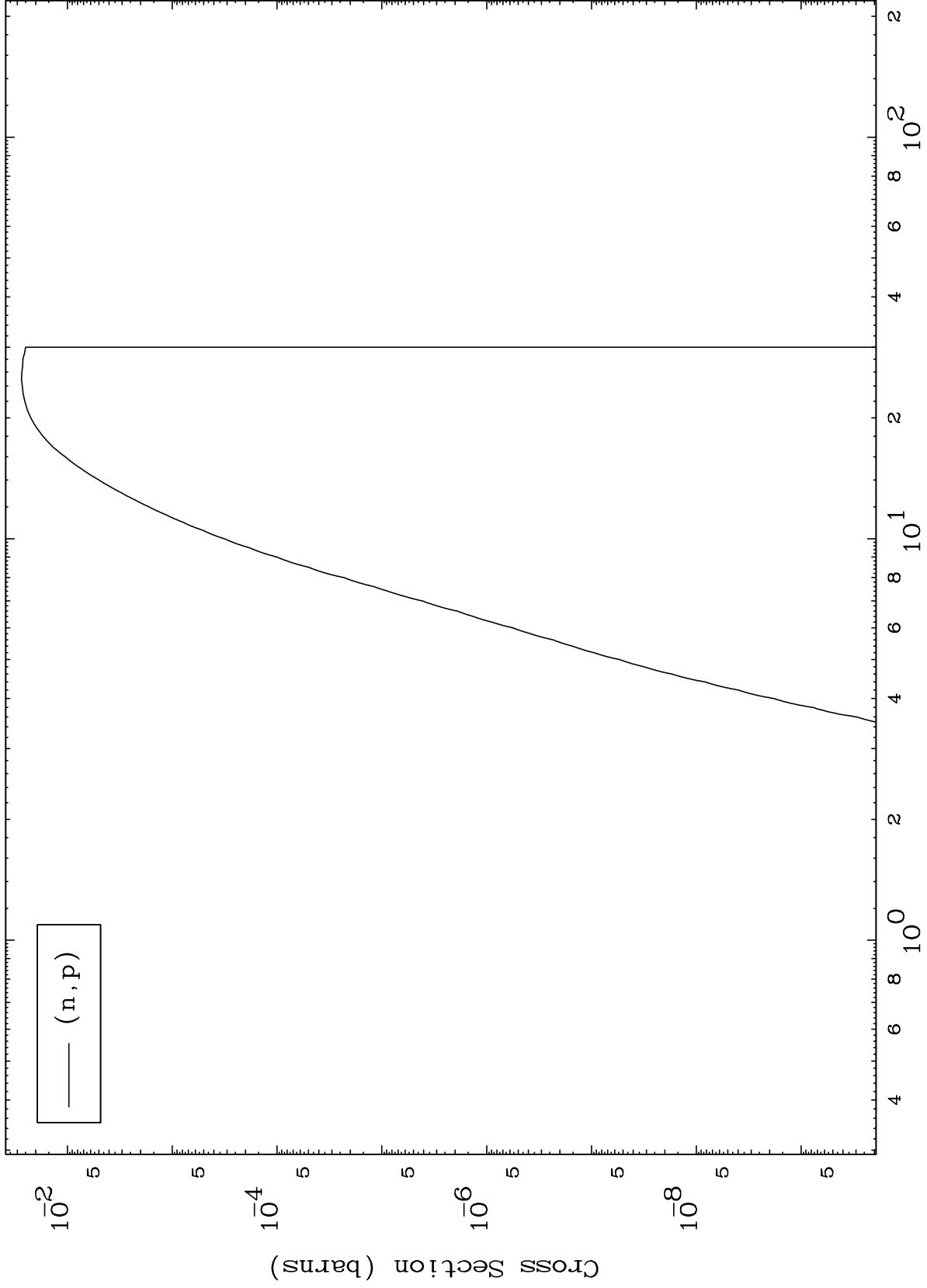
Incident Energy (MeV)

78-Pt-195

MAT 7840

(n,p) Levels
293 Kelvin Cross Sections

78-Pt-195



10

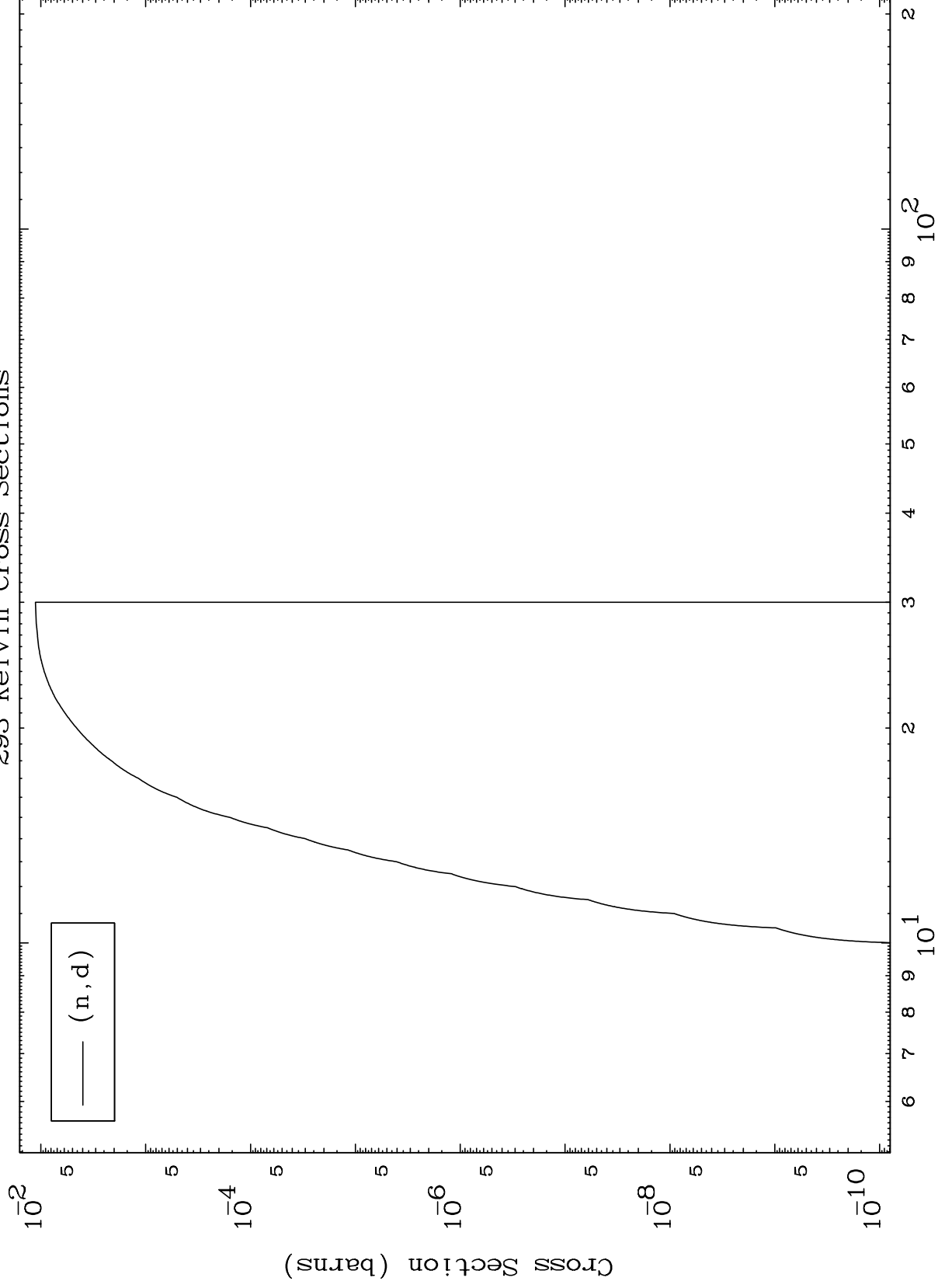
Incident Energy (MeV)

78-Pt-195

MAT 7840

(n,d) Levels
293 Kelvin Cross Sections

78-Pt-195



11

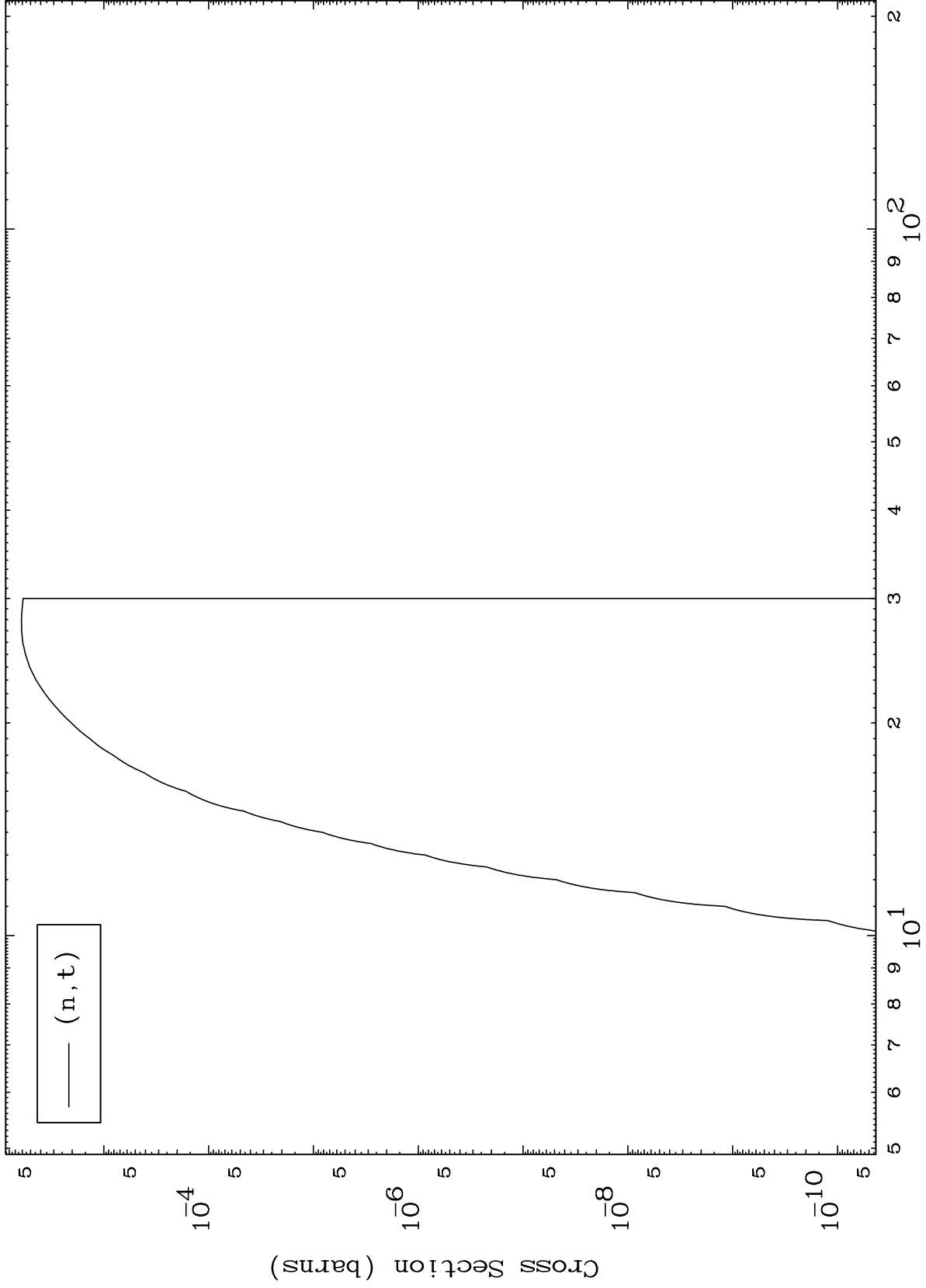
Incident Energy (MeV)

78-Pt-195

MAT 7840

(n,t) Levels
293 Kelvin Cross Sections

78-Pt-195



12

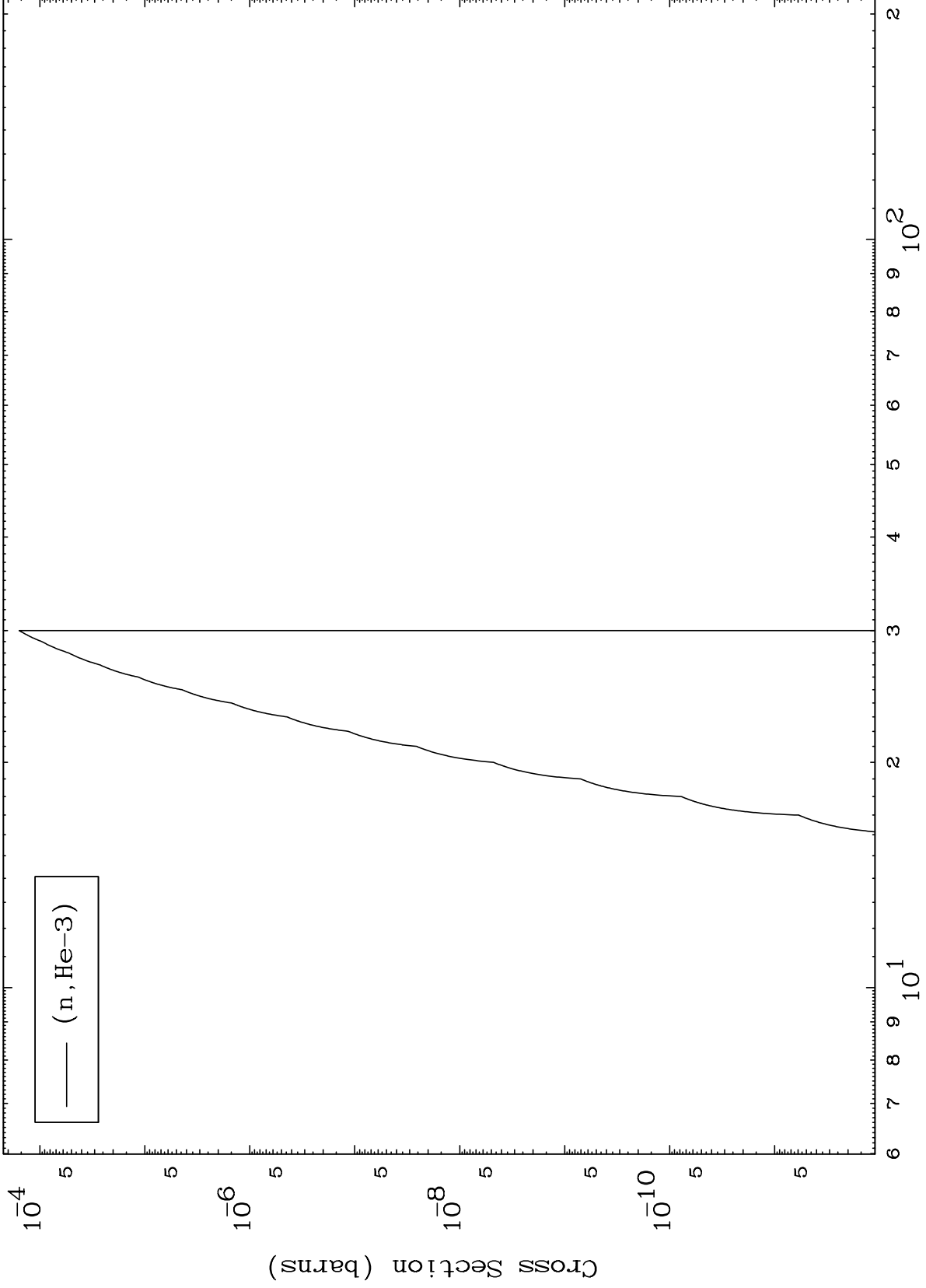
Incident Energy (MeV)

78-Pt-195

MAT 7840

(n,He3) Levels
293 Kelvin Cross Sections

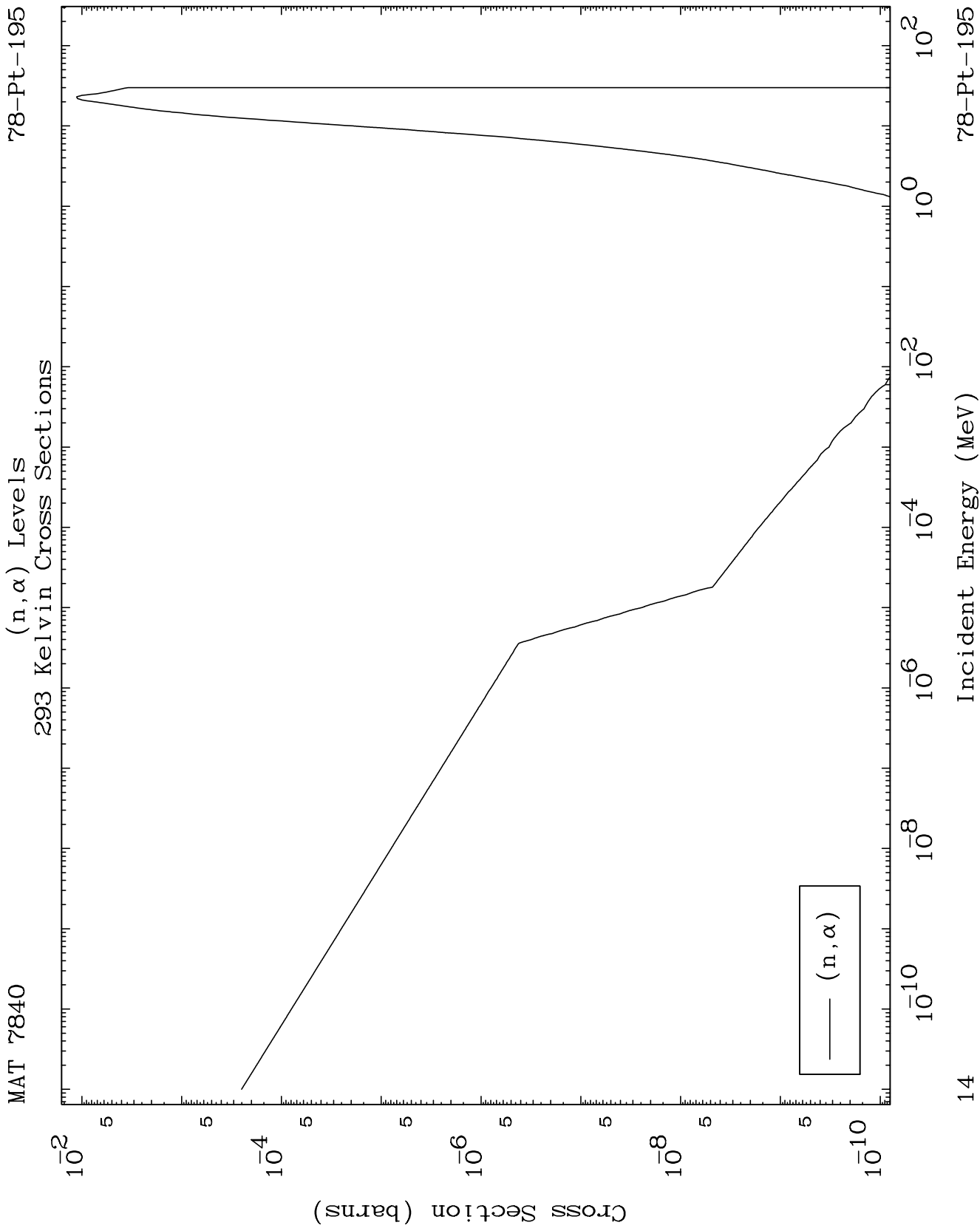
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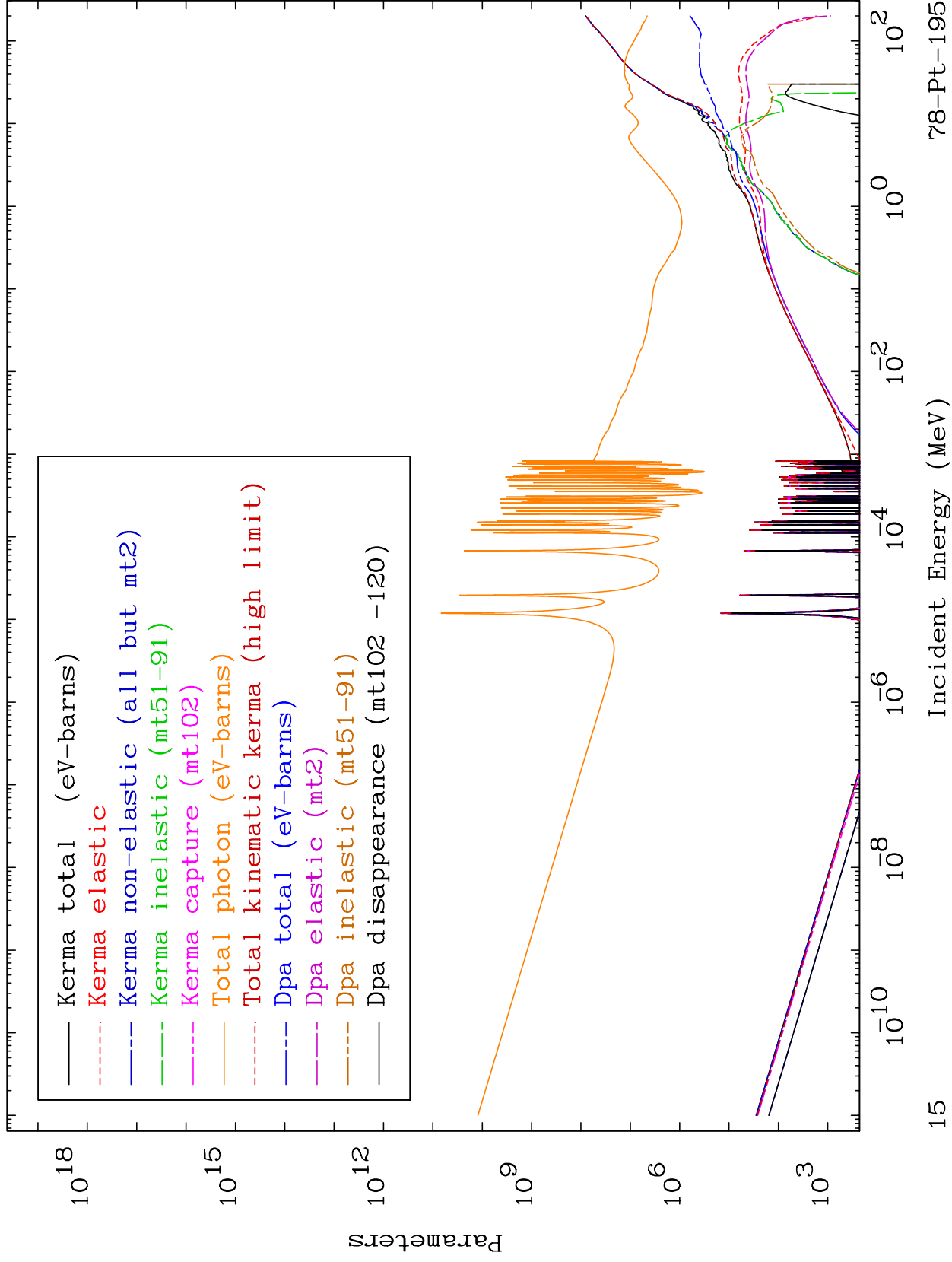


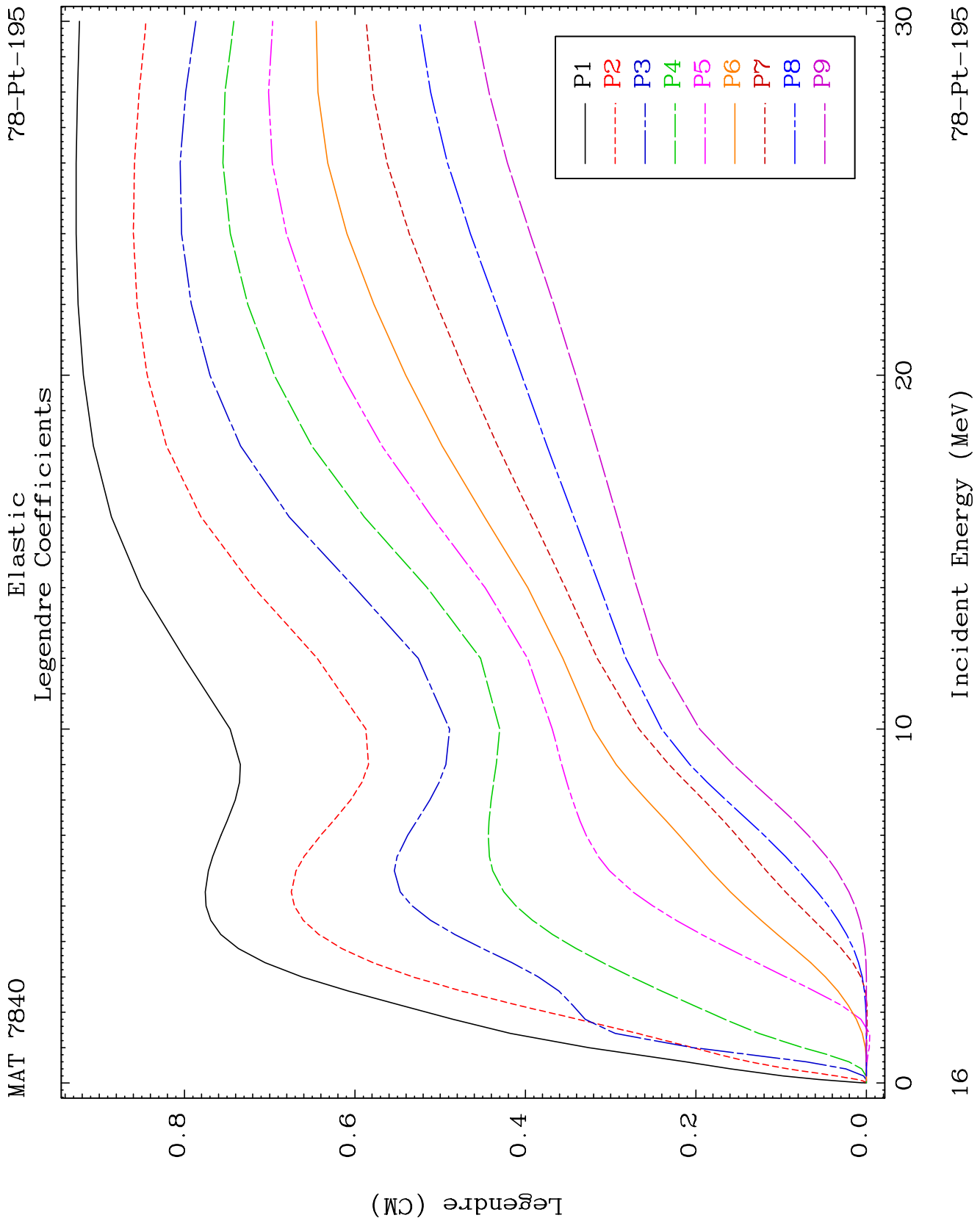
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Incident Energy (MeV)

78-Pt-195



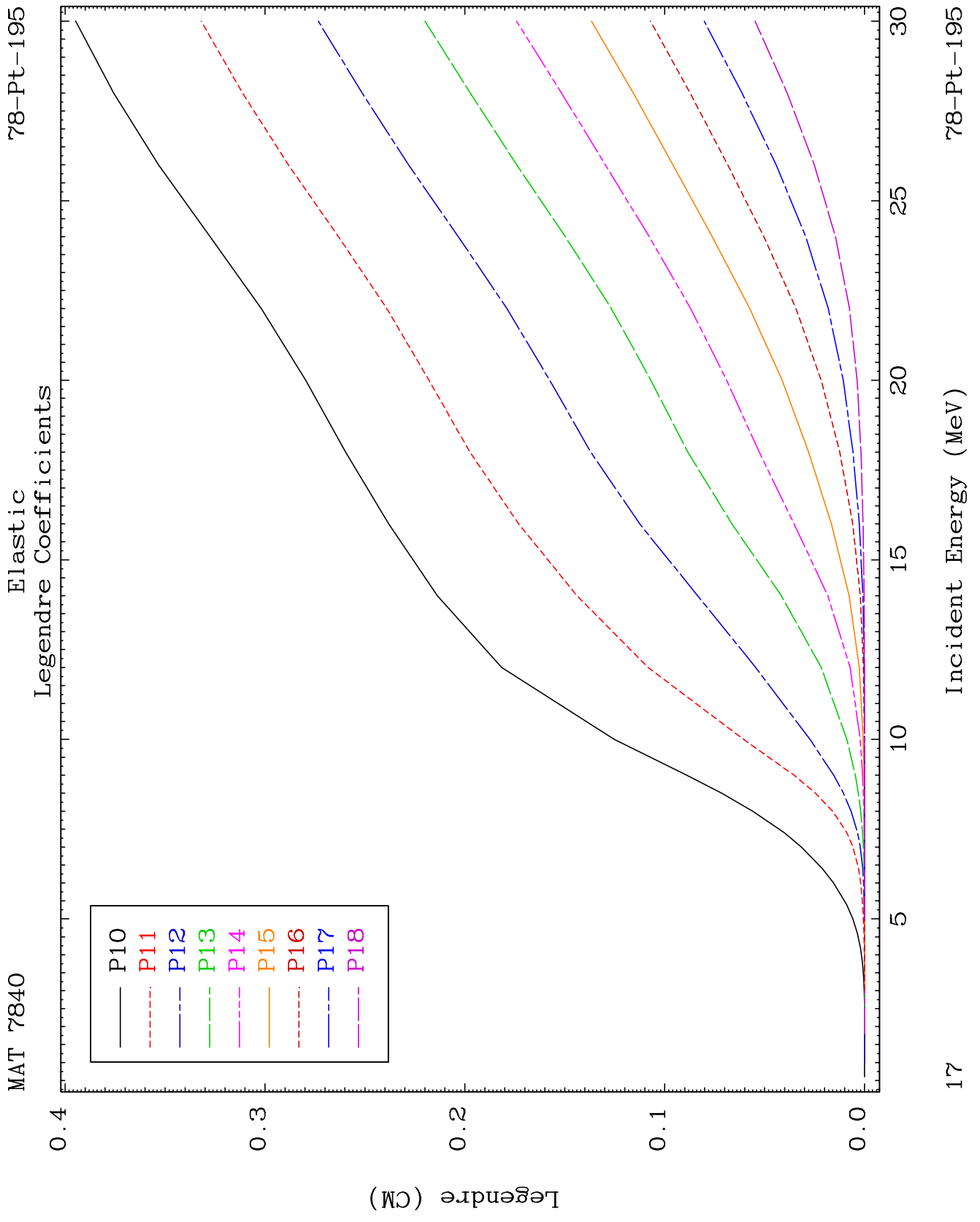




78-Pt-195

Incident Energy (MeV)

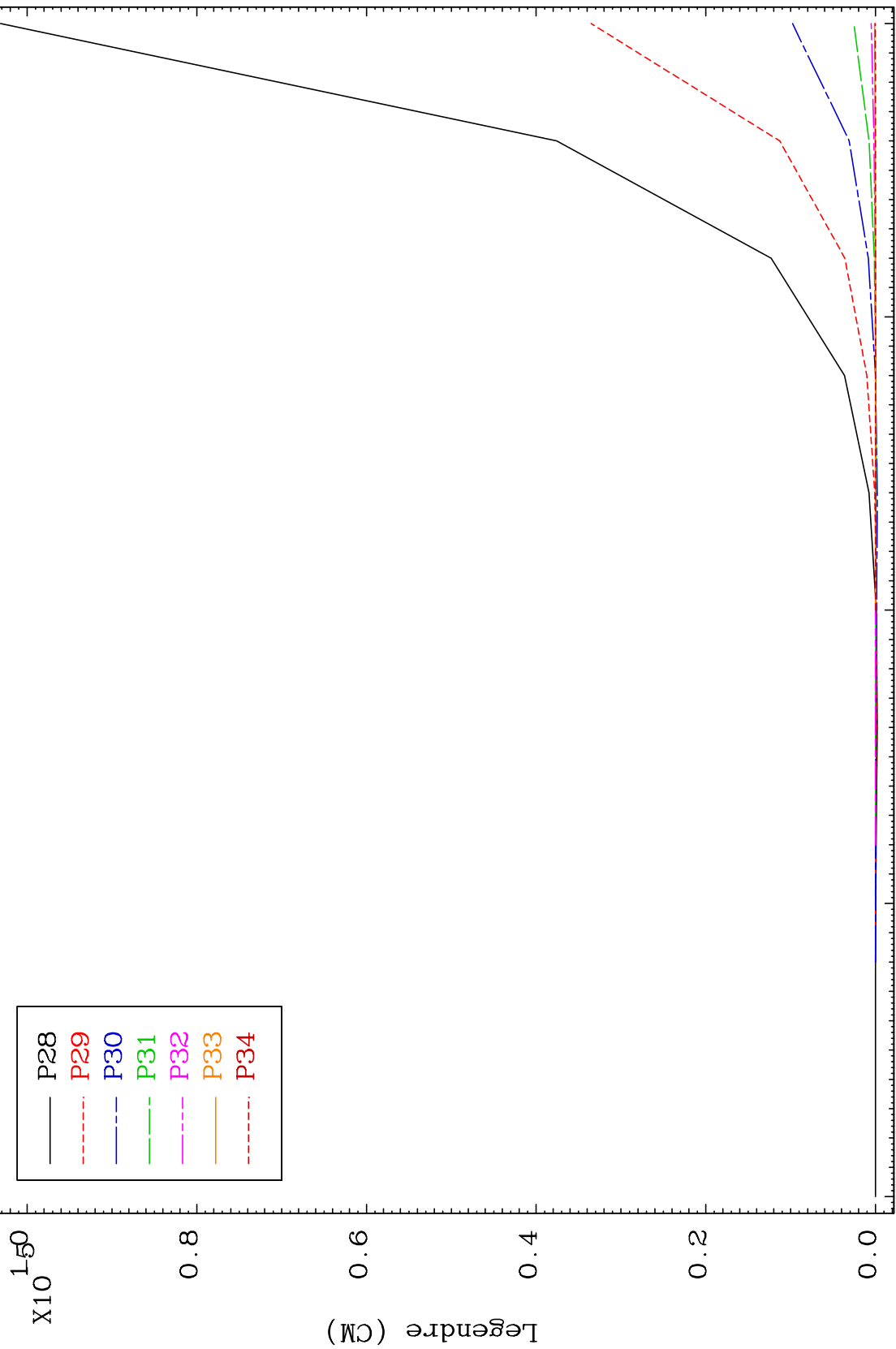
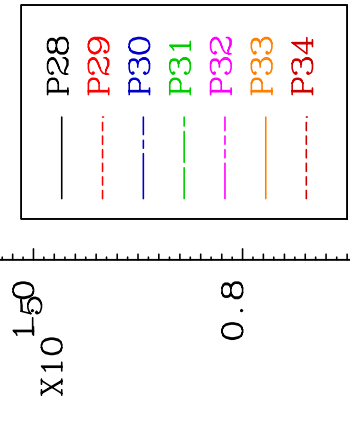
16



MAT 7840

Elastic Legendre Coefficients

78-Pt-195



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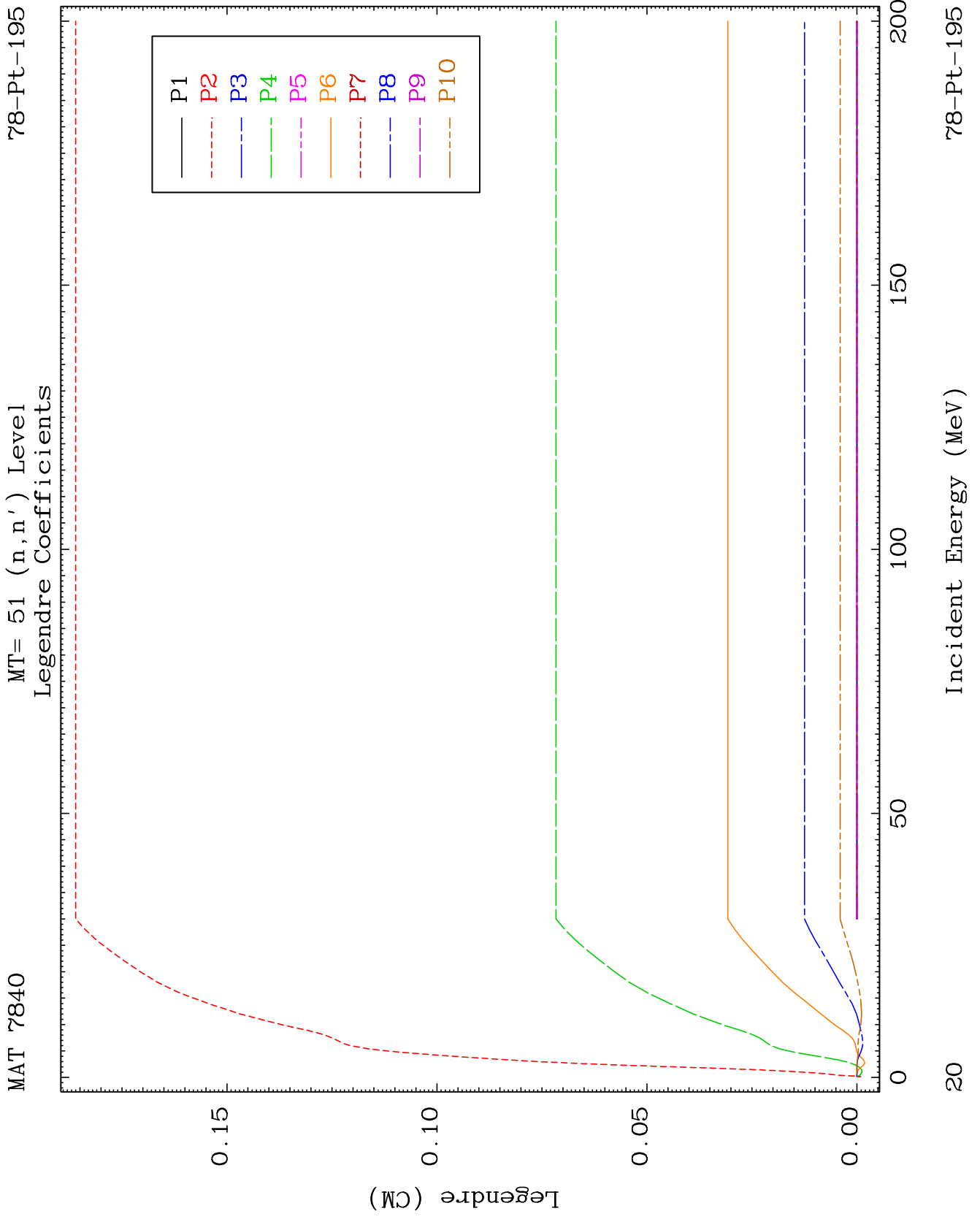
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25

30

Incident Energy (MeV)

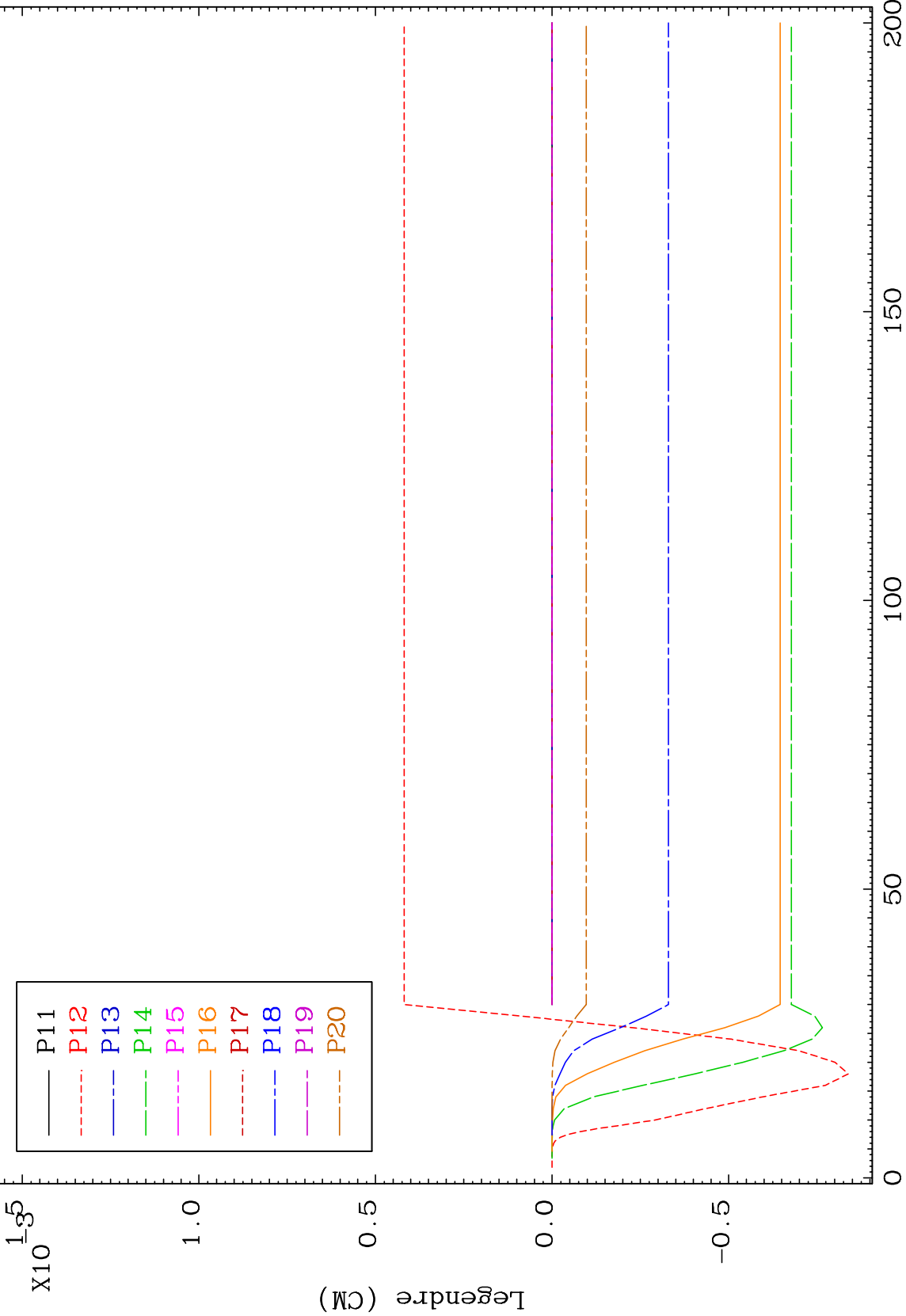
78-Pt-195



MAT 7840

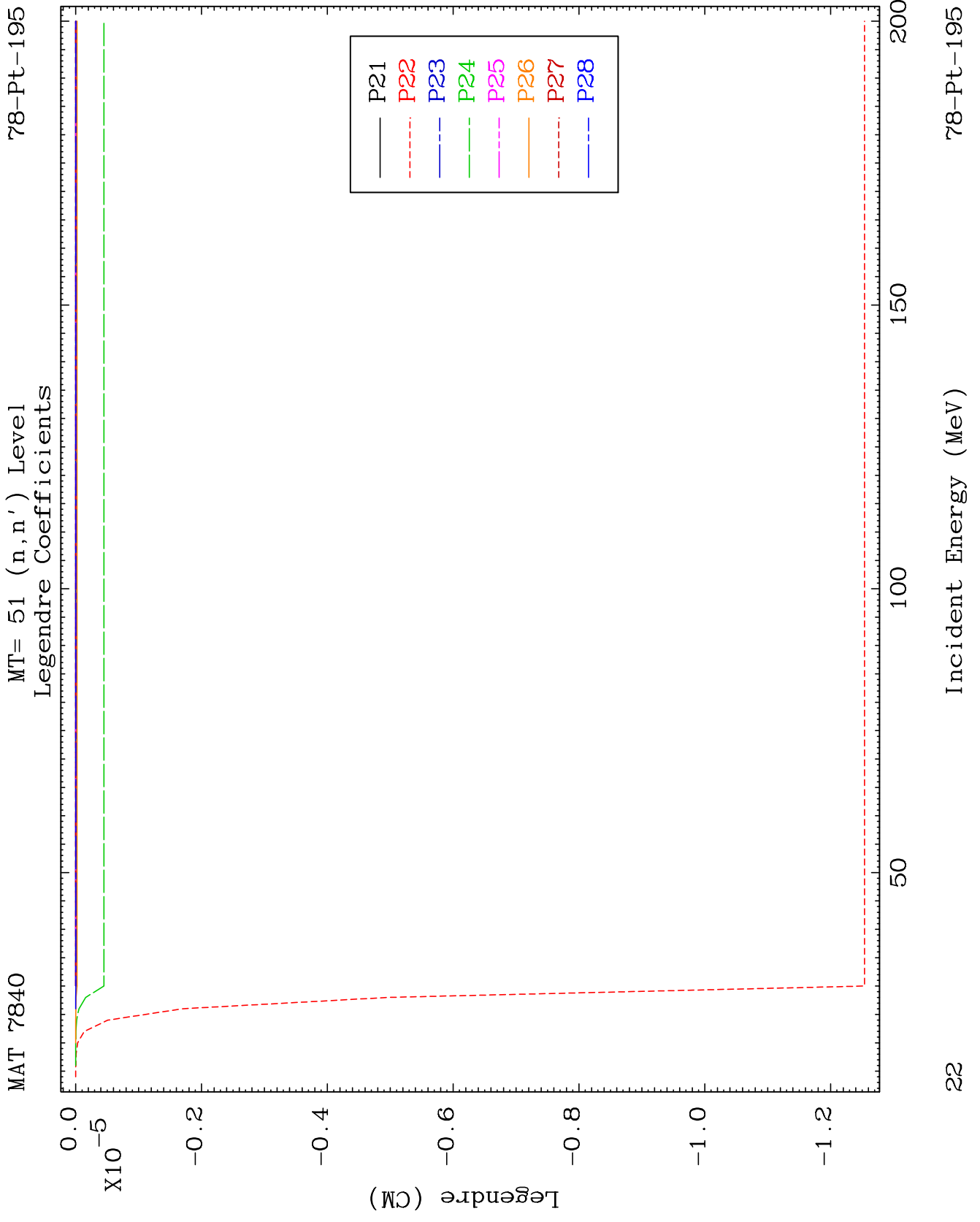
MT= 51 (n,n') Level
Legendre Coefficients

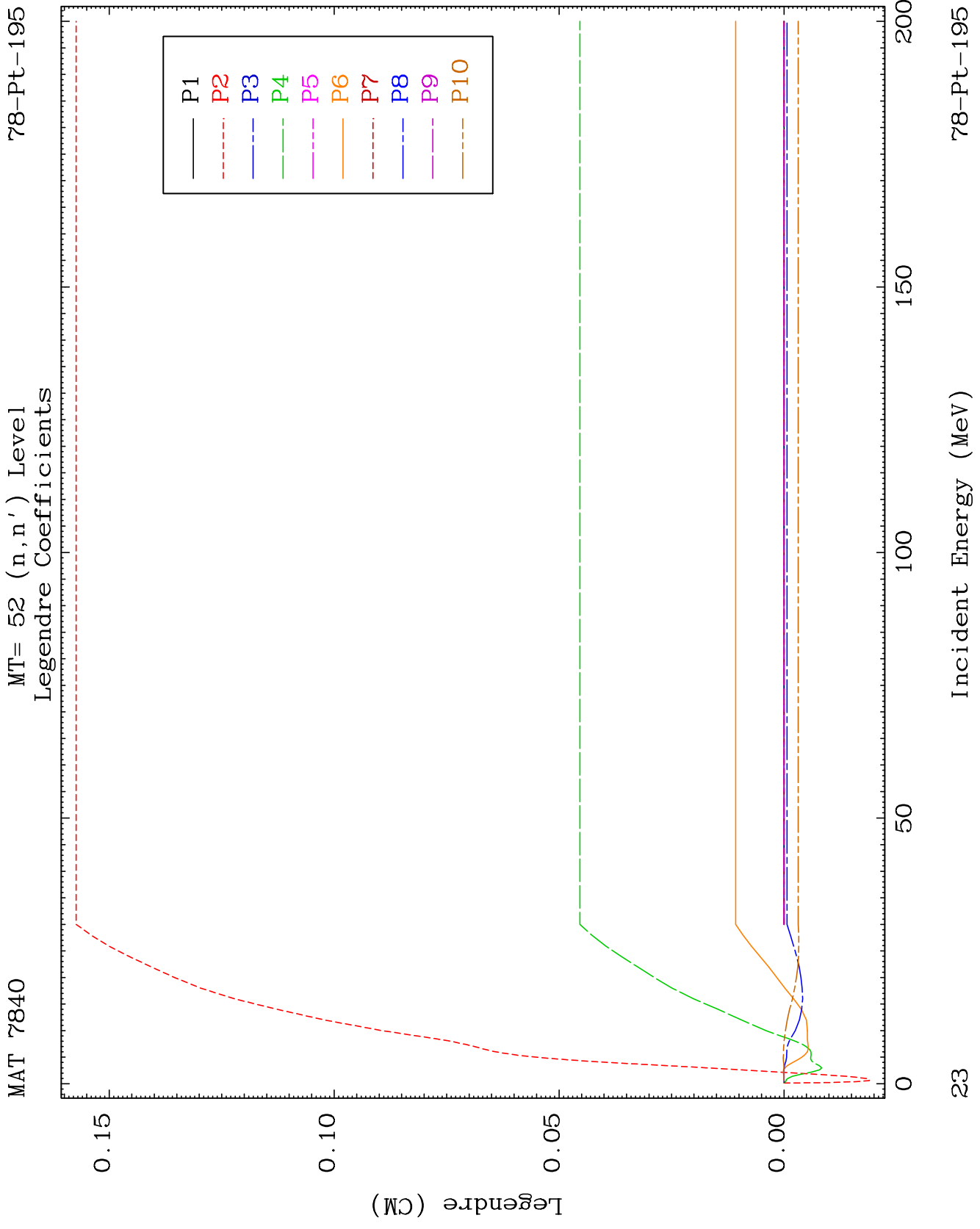
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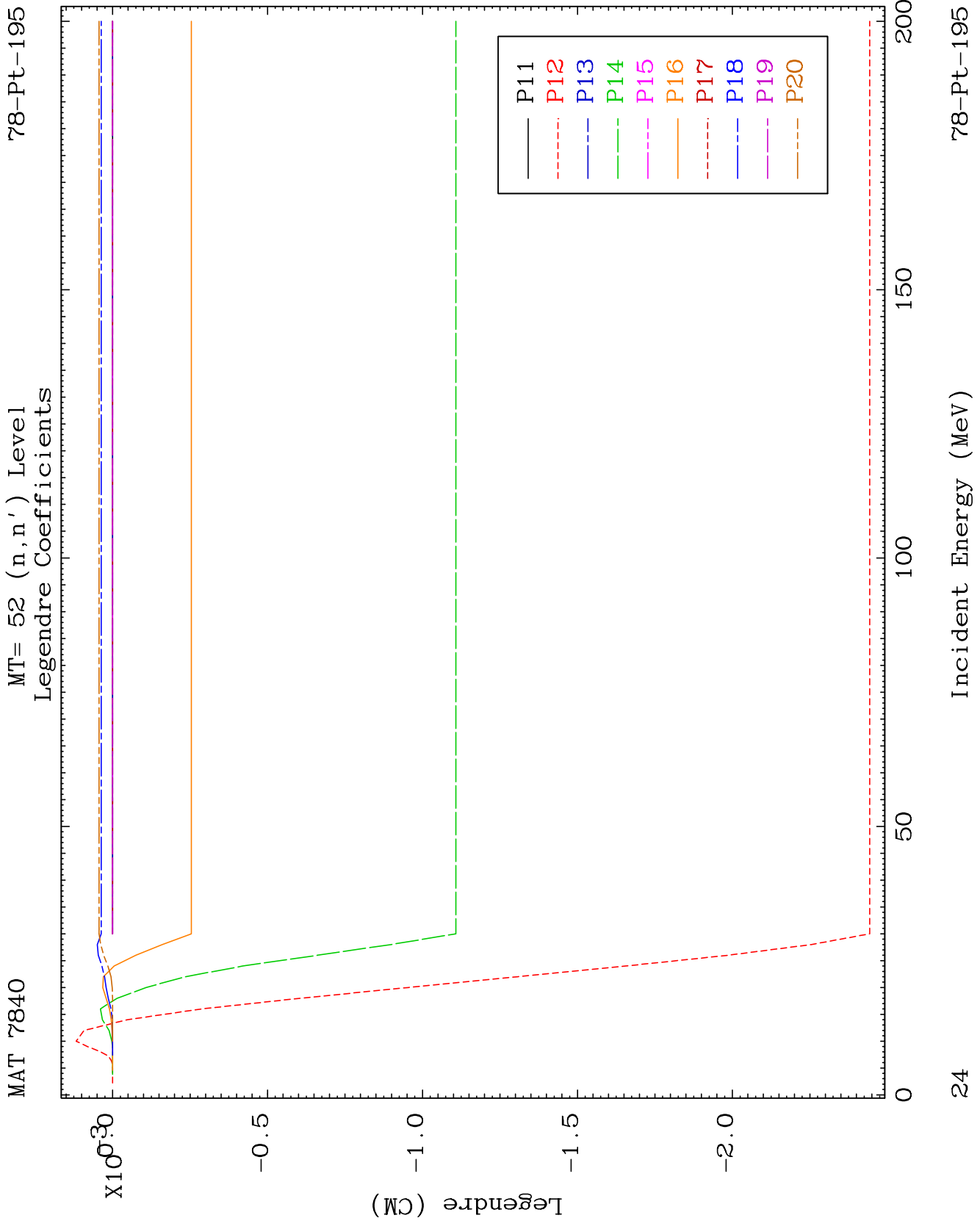


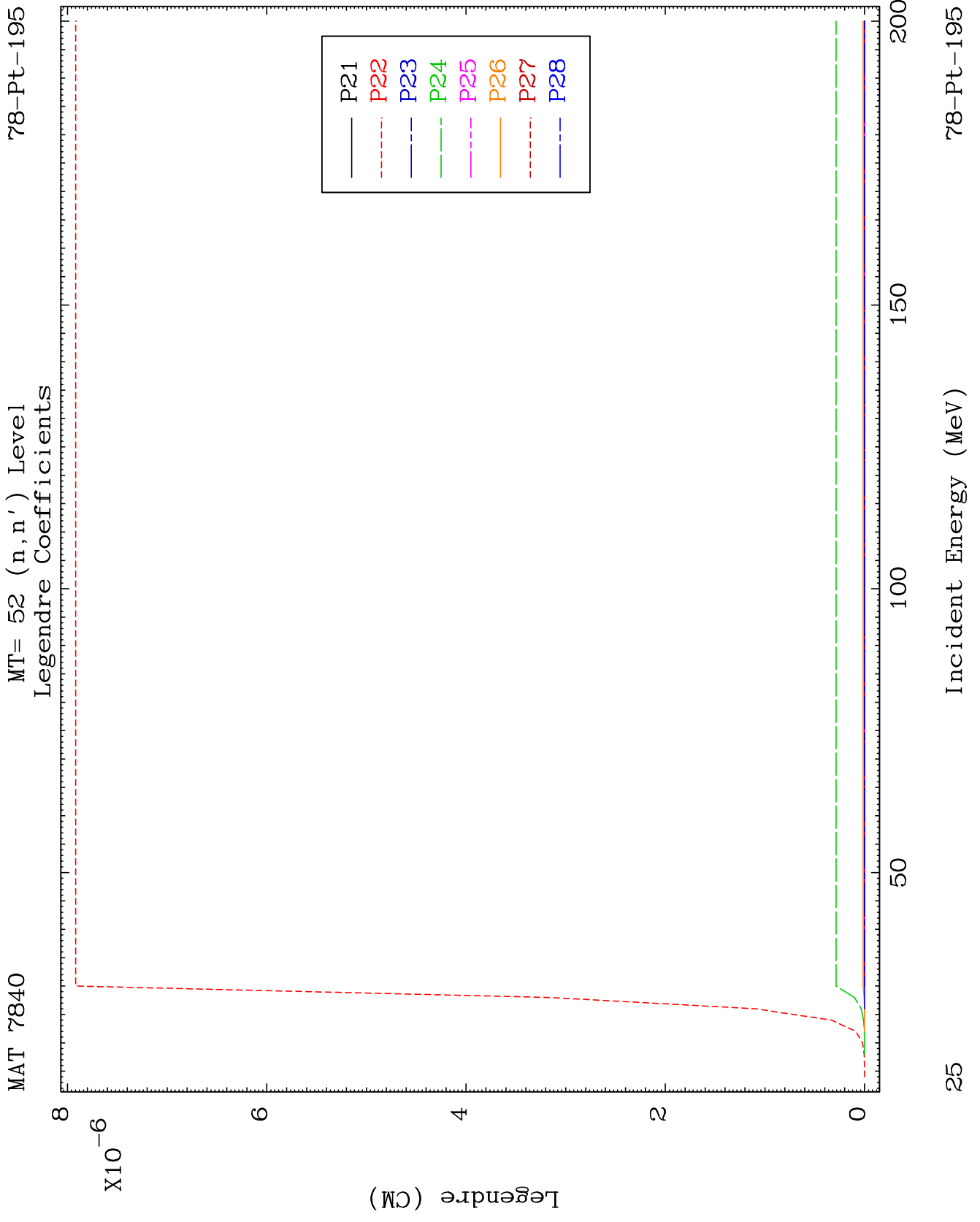
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78-Pt-195





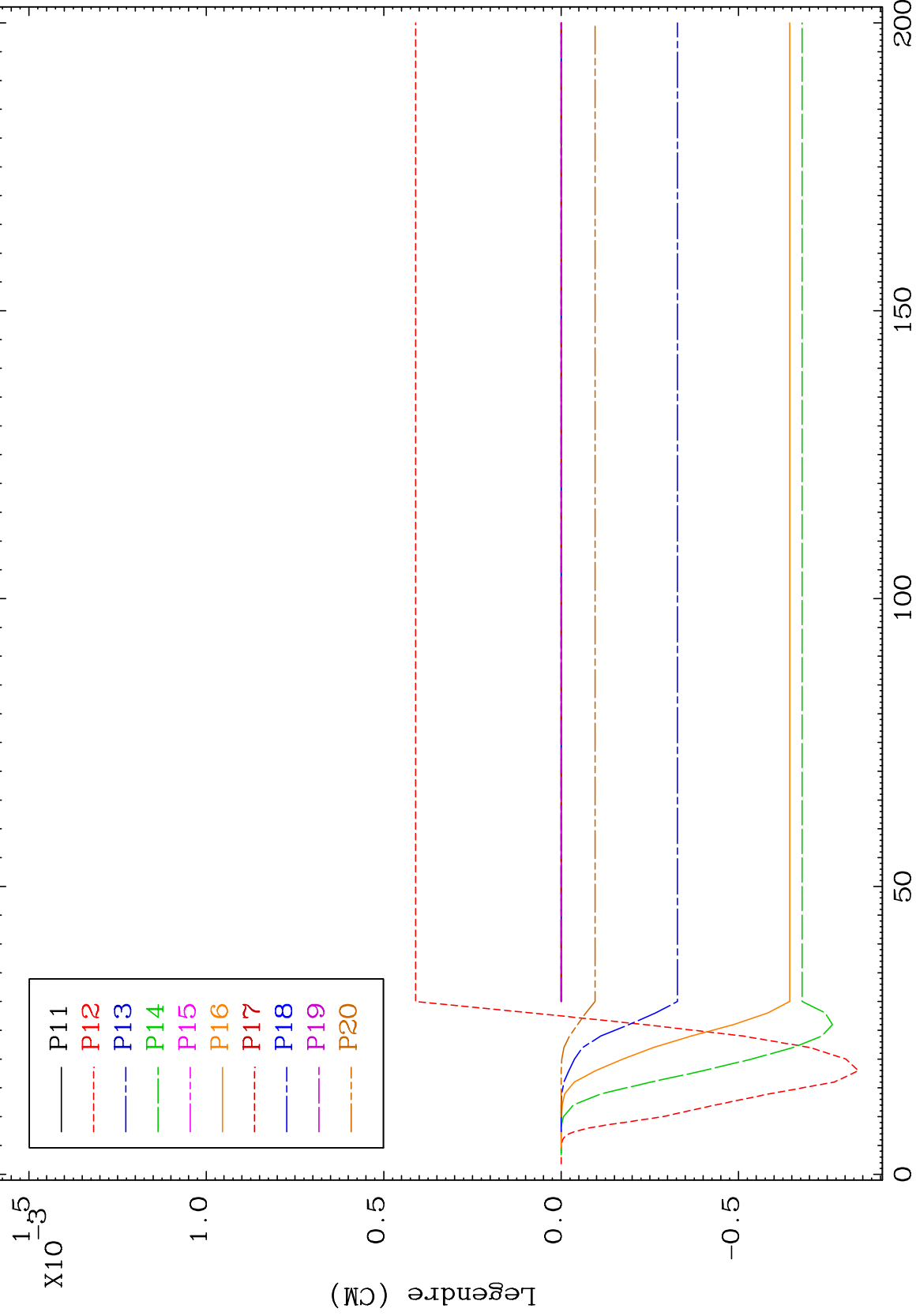




MAT 7840

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

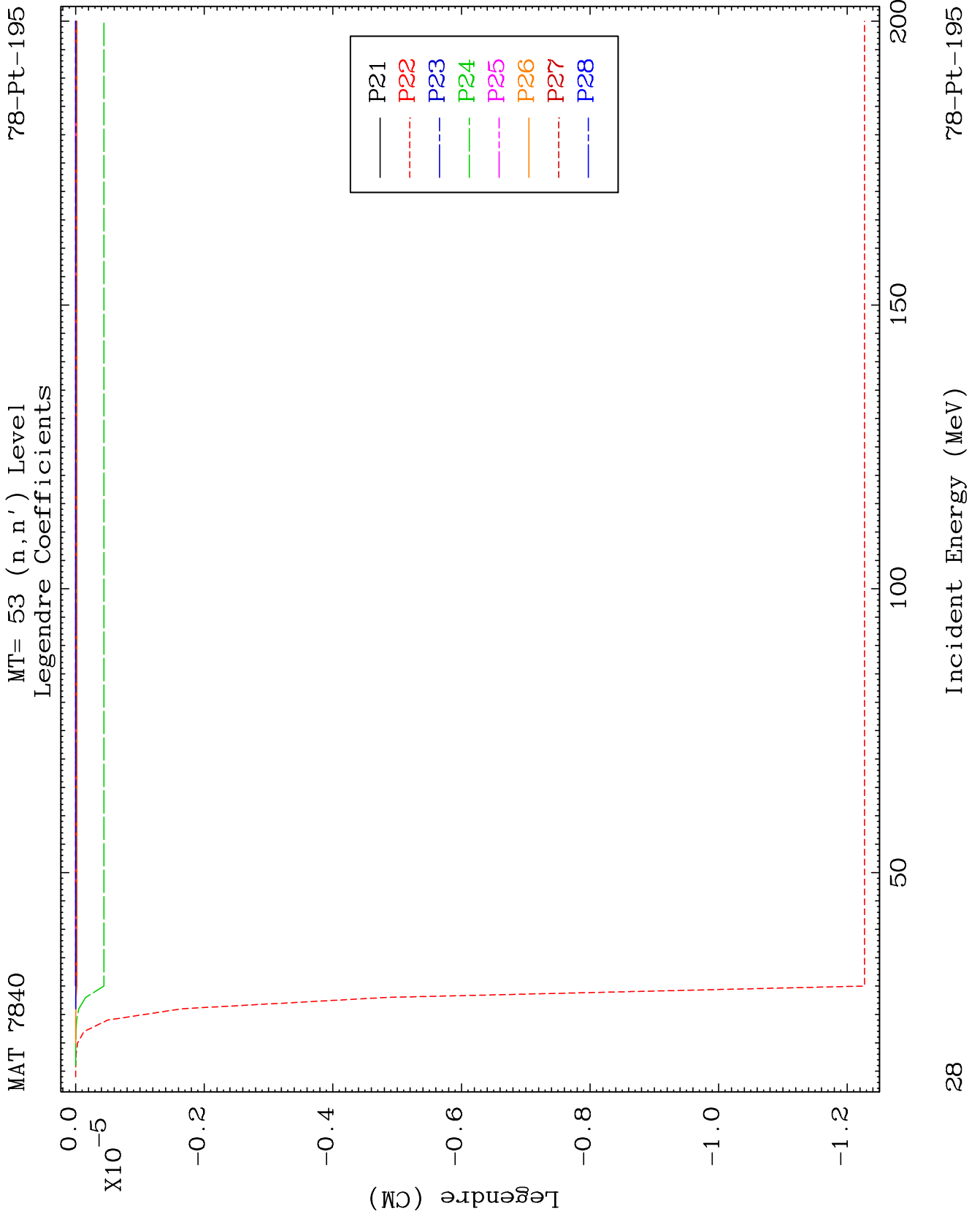
78-Pt-195



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78-Pt-195

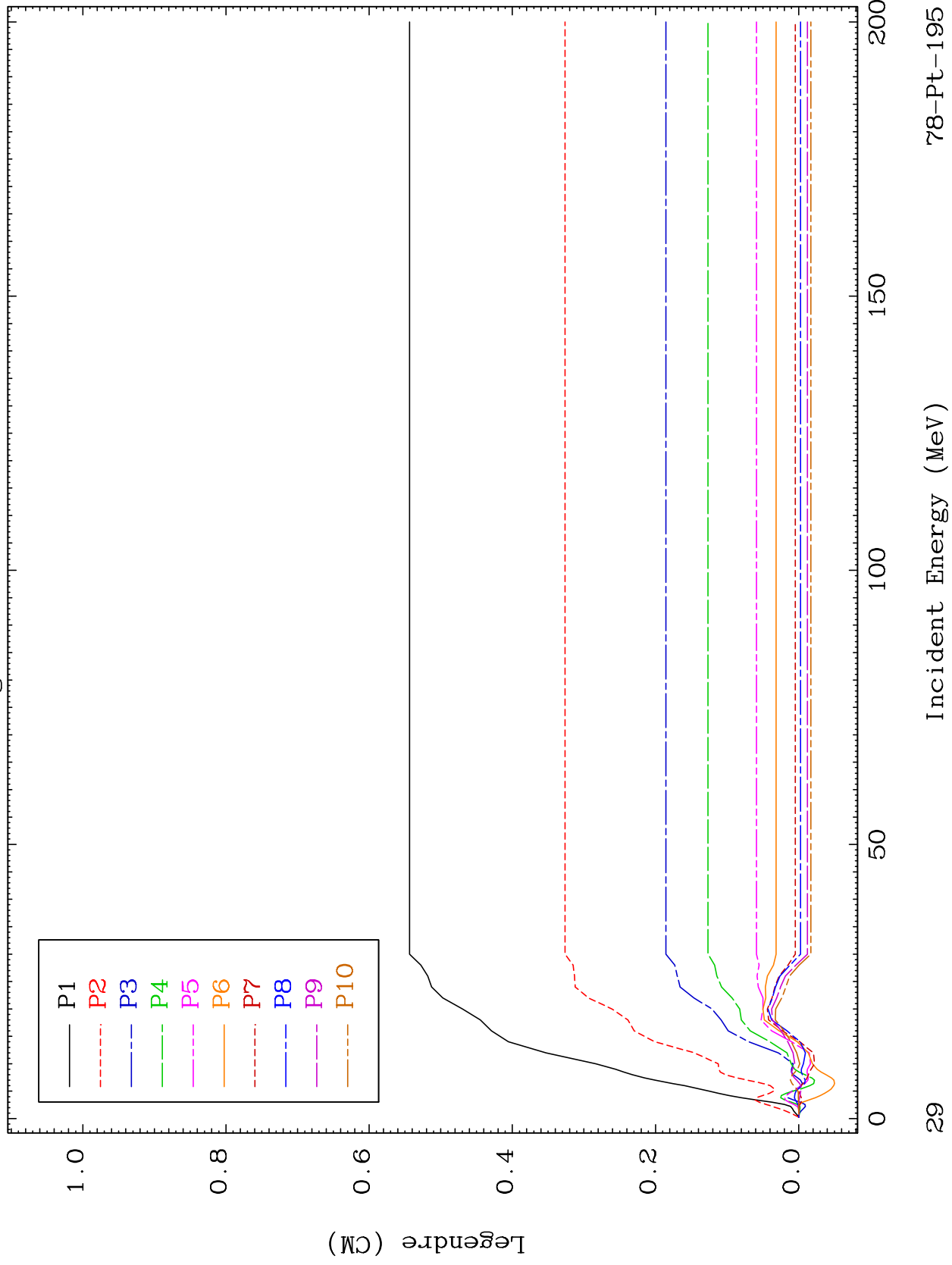
78-Pt-195



MAT 7840

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

78-Pt-195



29

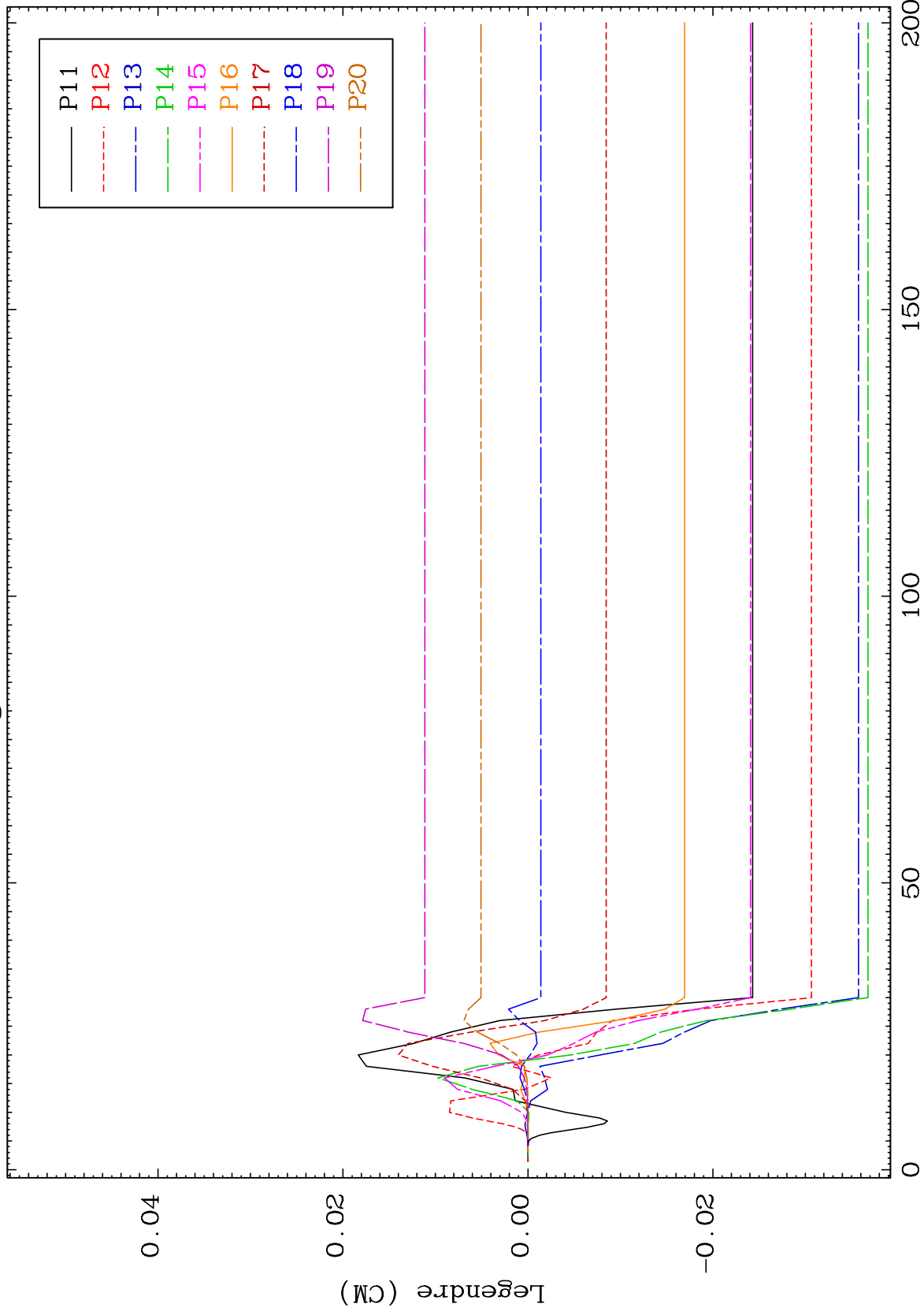
Incident Energy (MeV)

78-Pt-195

MAT 7840

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

78-Pt-195



30

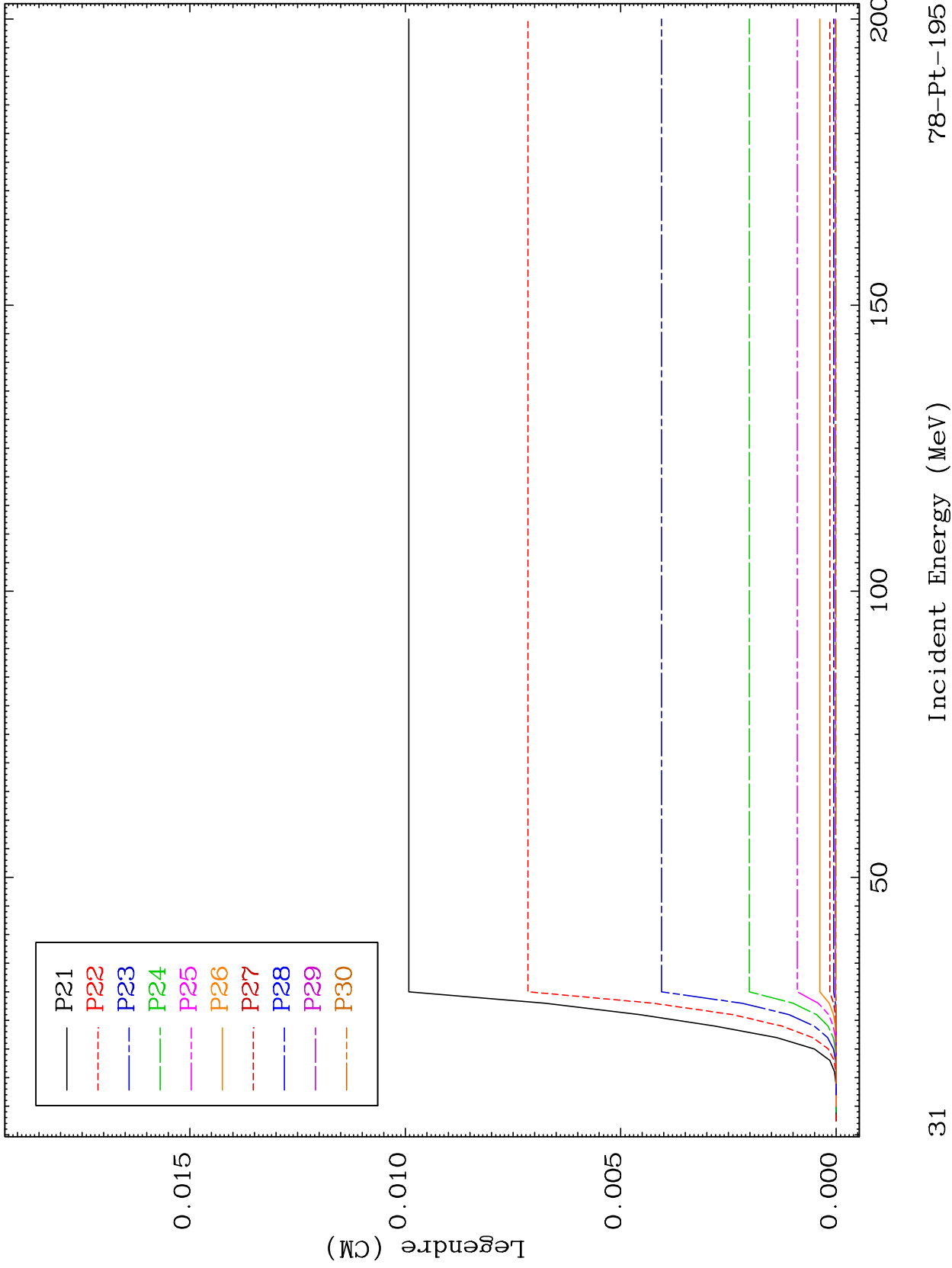
Incident Energy (MeV)

78-Pt-195

MAT 7840

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

78-Pt-195



31

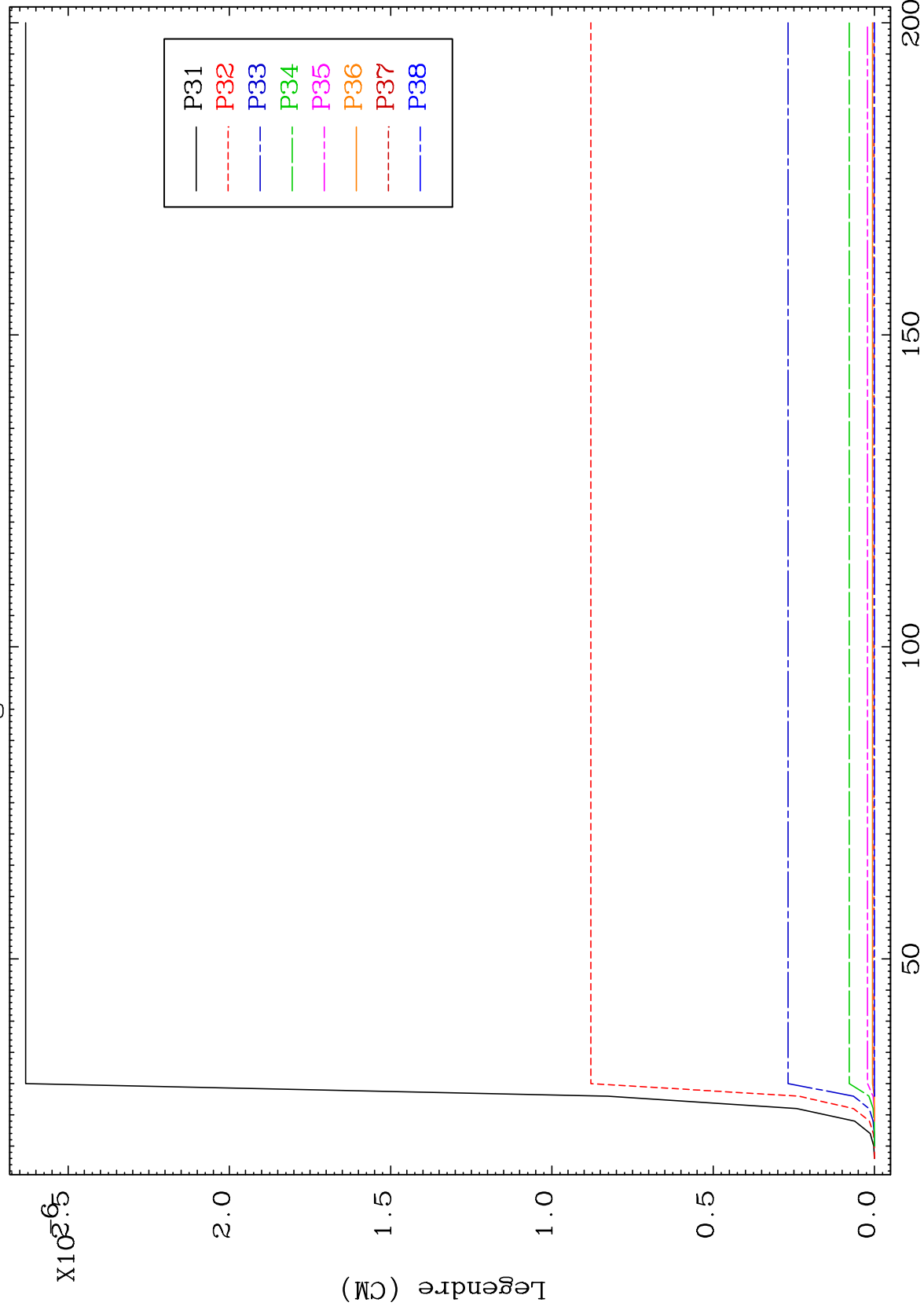
Incident Energy (MeV)

78-Pt-195

MAT 7840

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

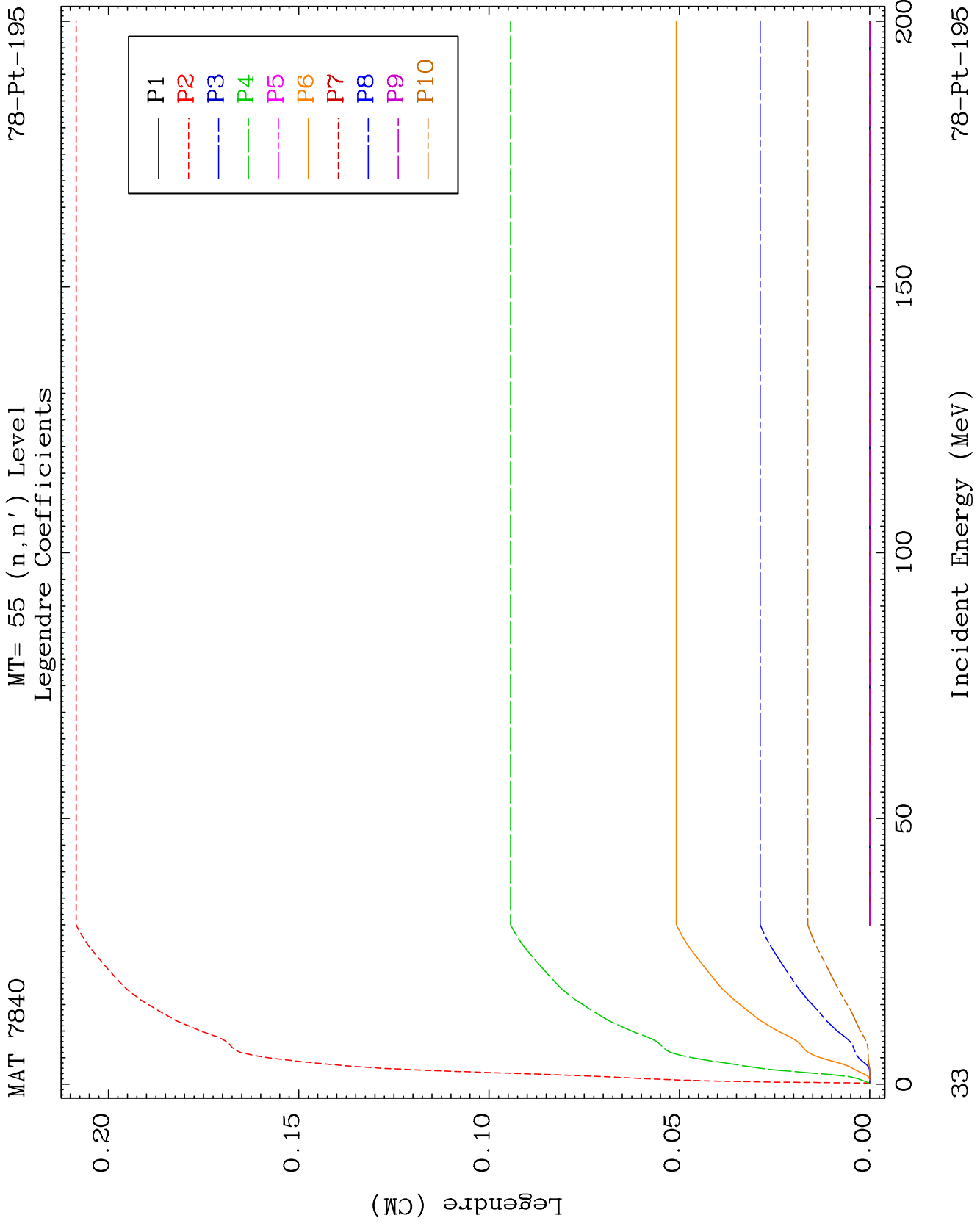
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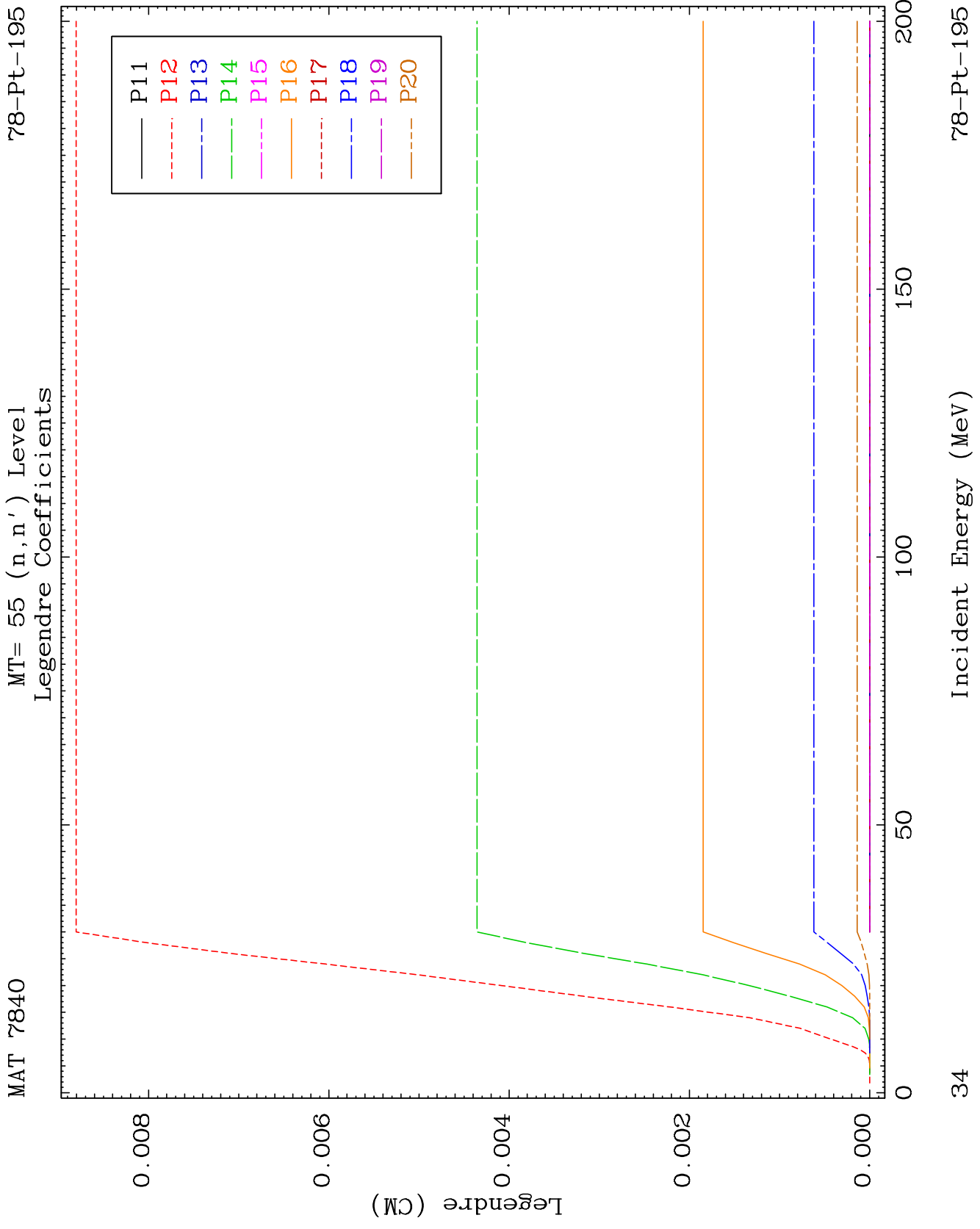


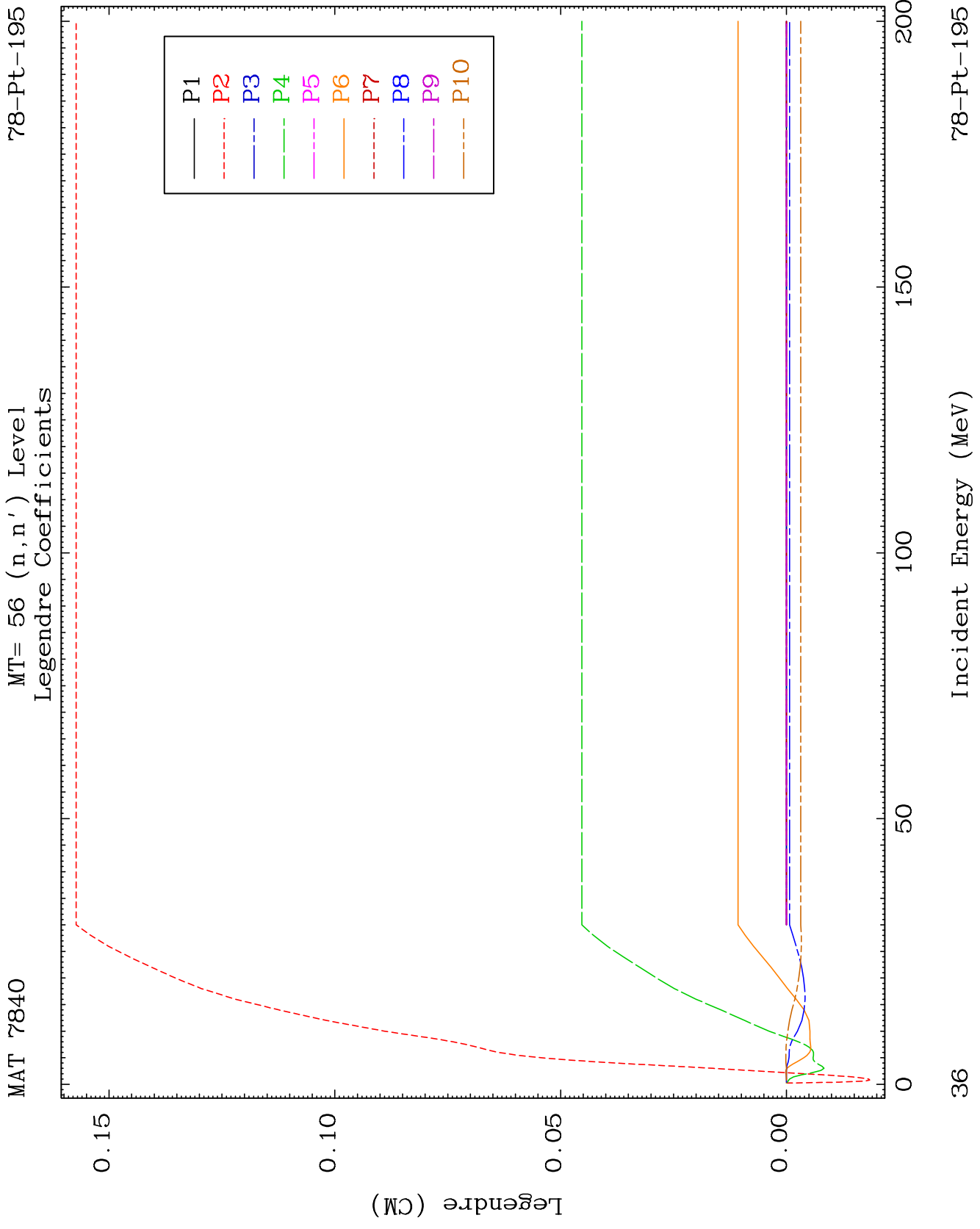
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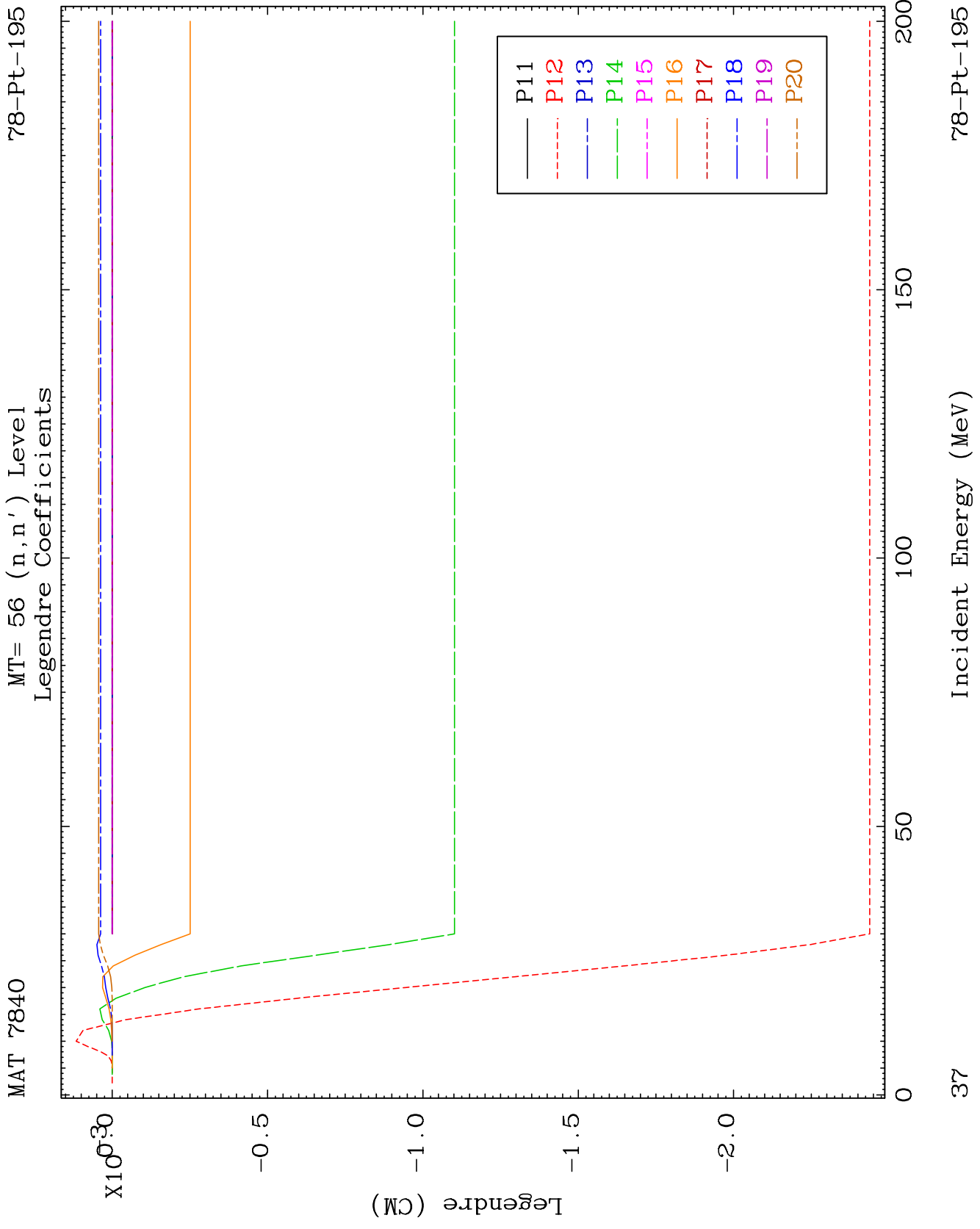
Incident Energy (MeV)

78-Pt-195





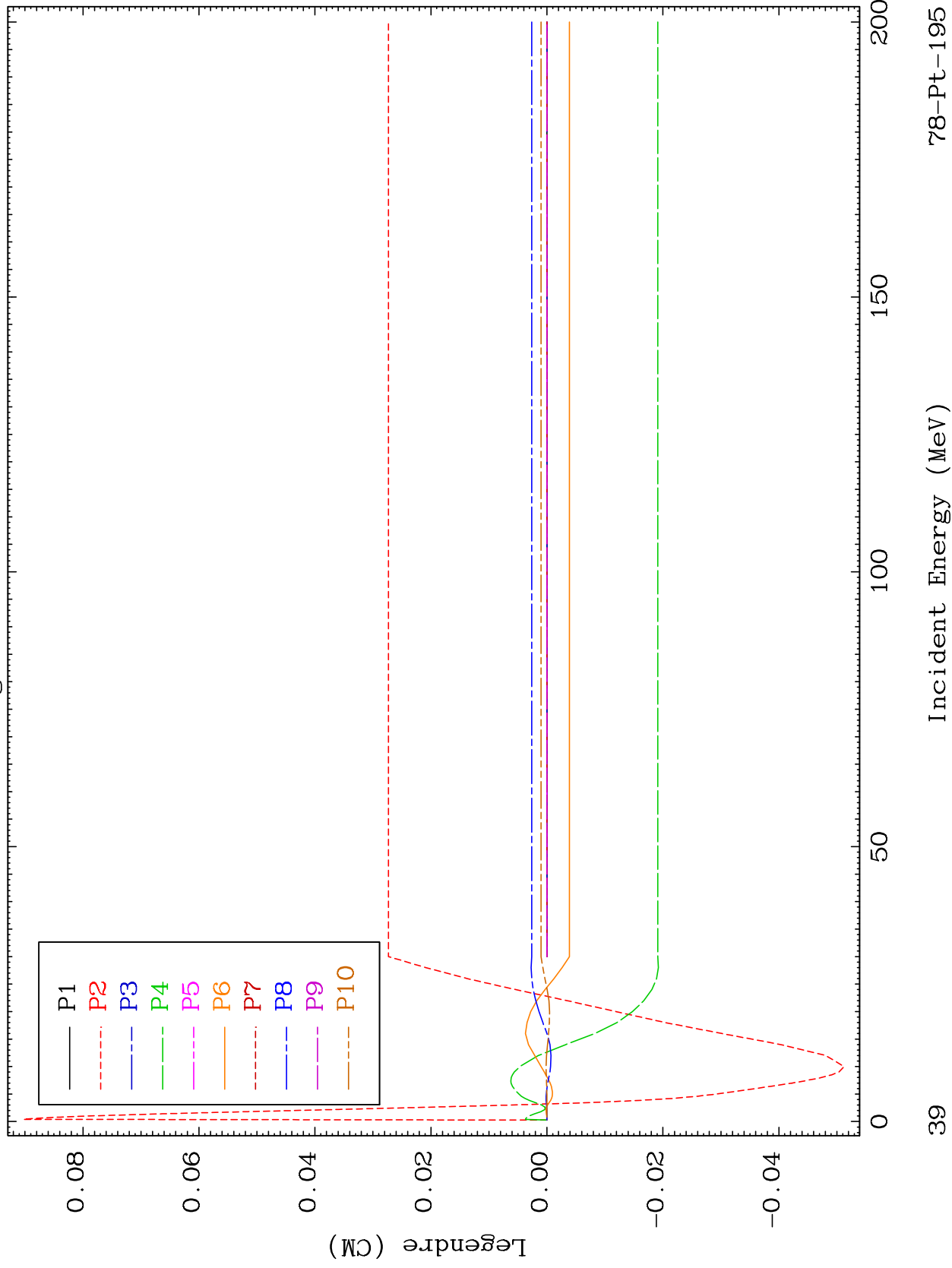




MAT 7840

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

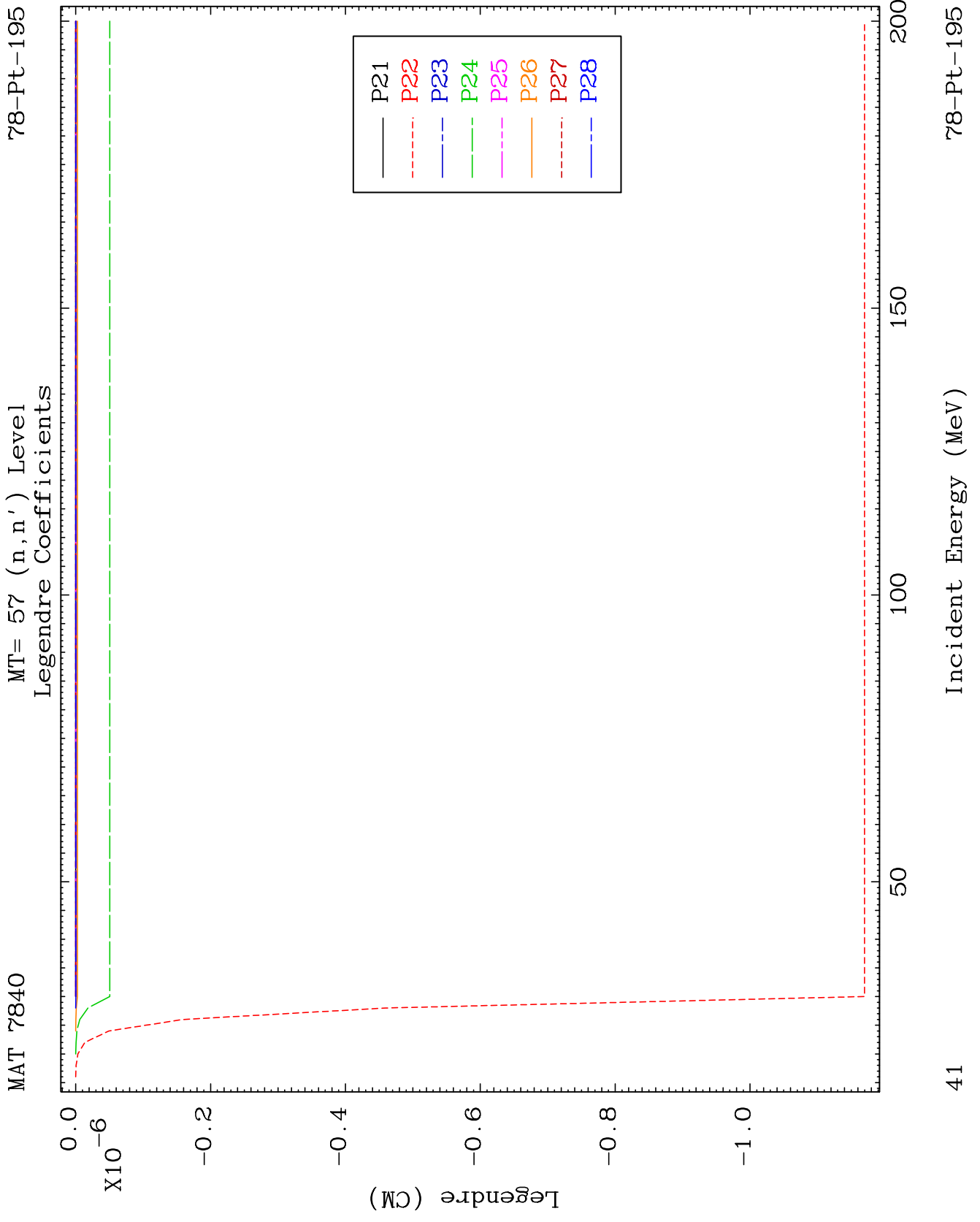
78-Pt-195



78-Pt-195

Incident Energy (MeV)

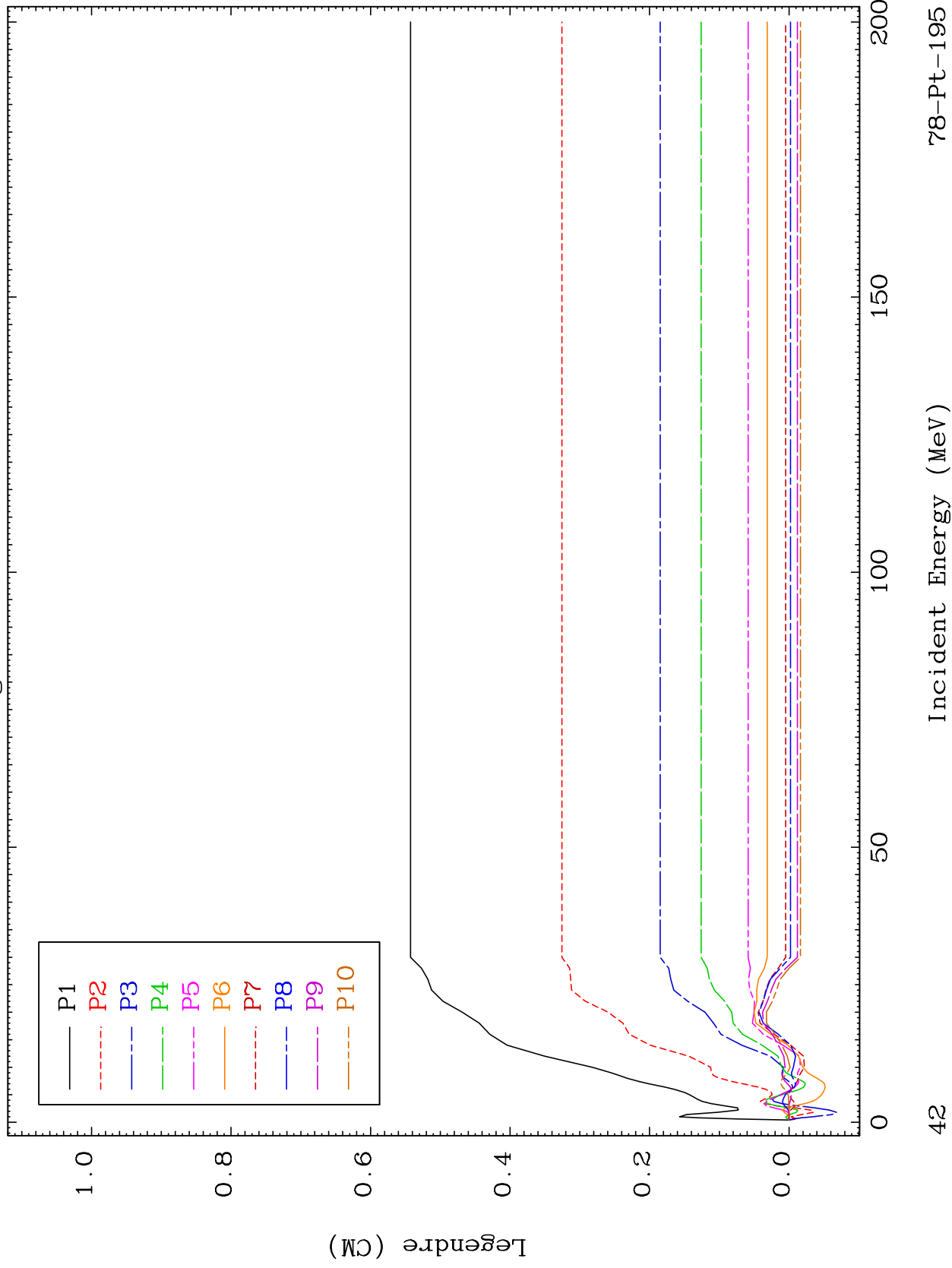
39



MAT 7840

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

78-Pt-195



78-Pt-195

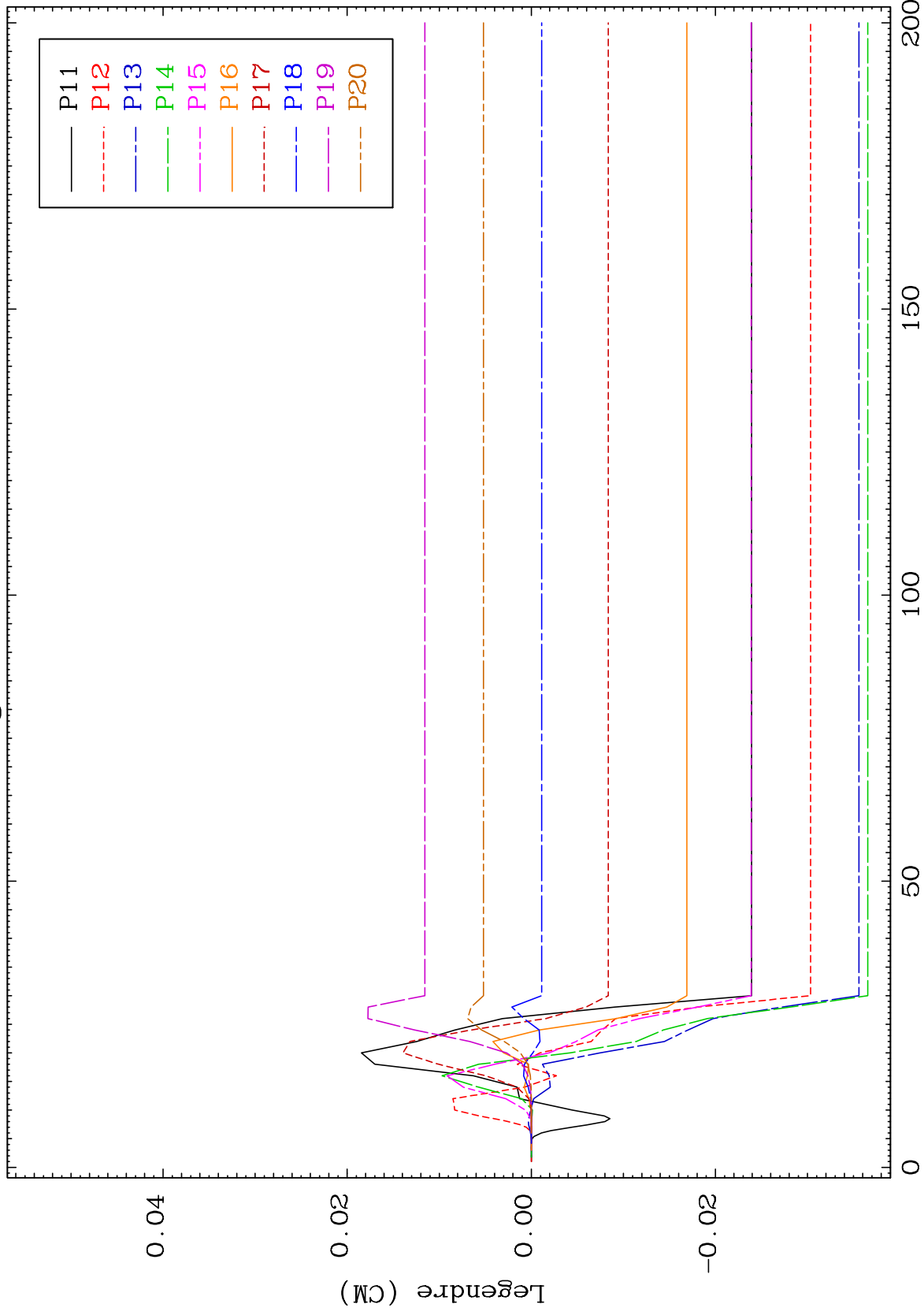
Incident Energy (MeV)

42

MAT 7840

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

78-Pt-195



43

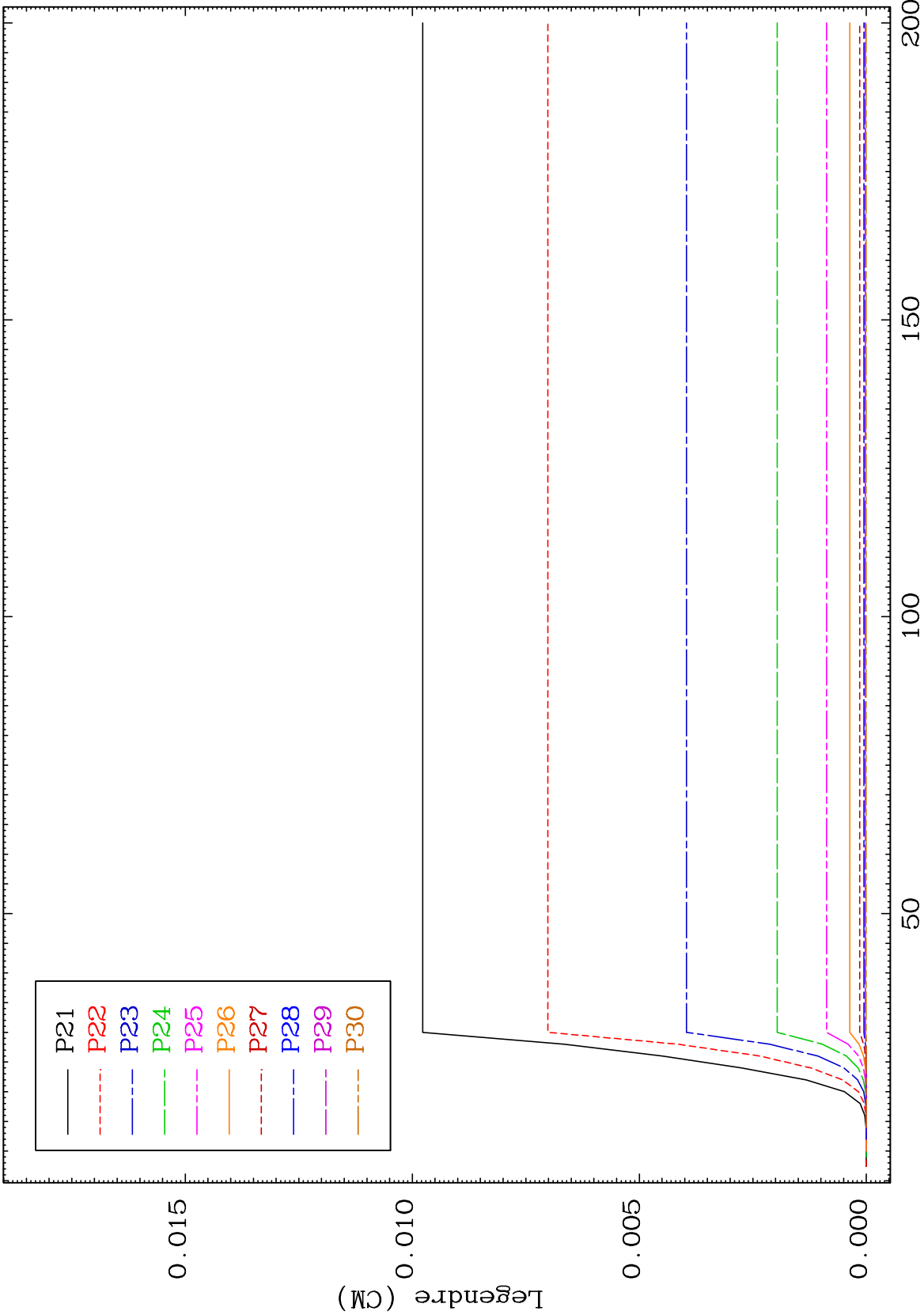
Incident Energy (MeV)

78-Pt-195

MAT 7840

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

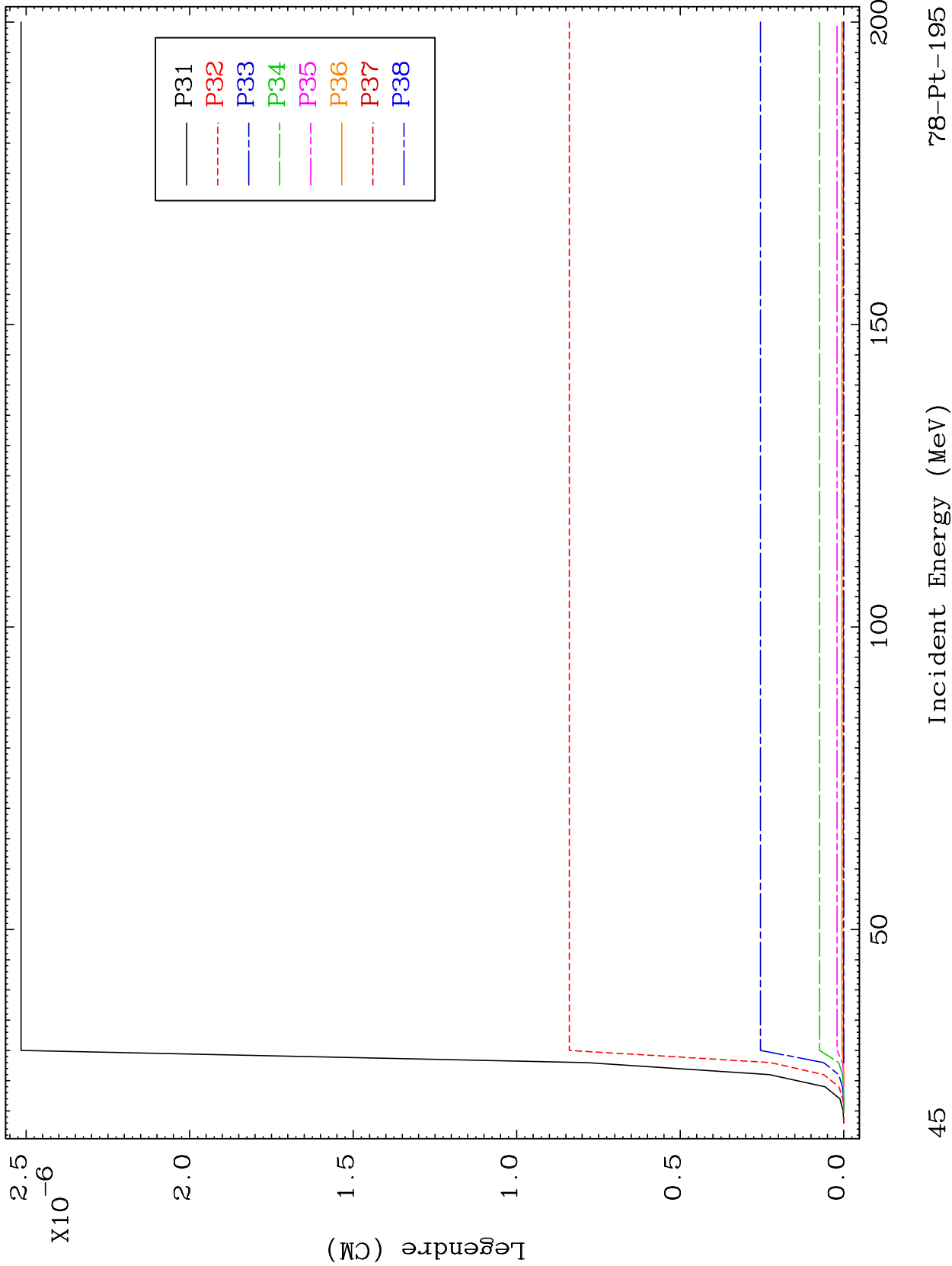
78-Pt-195



MAT 7840

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

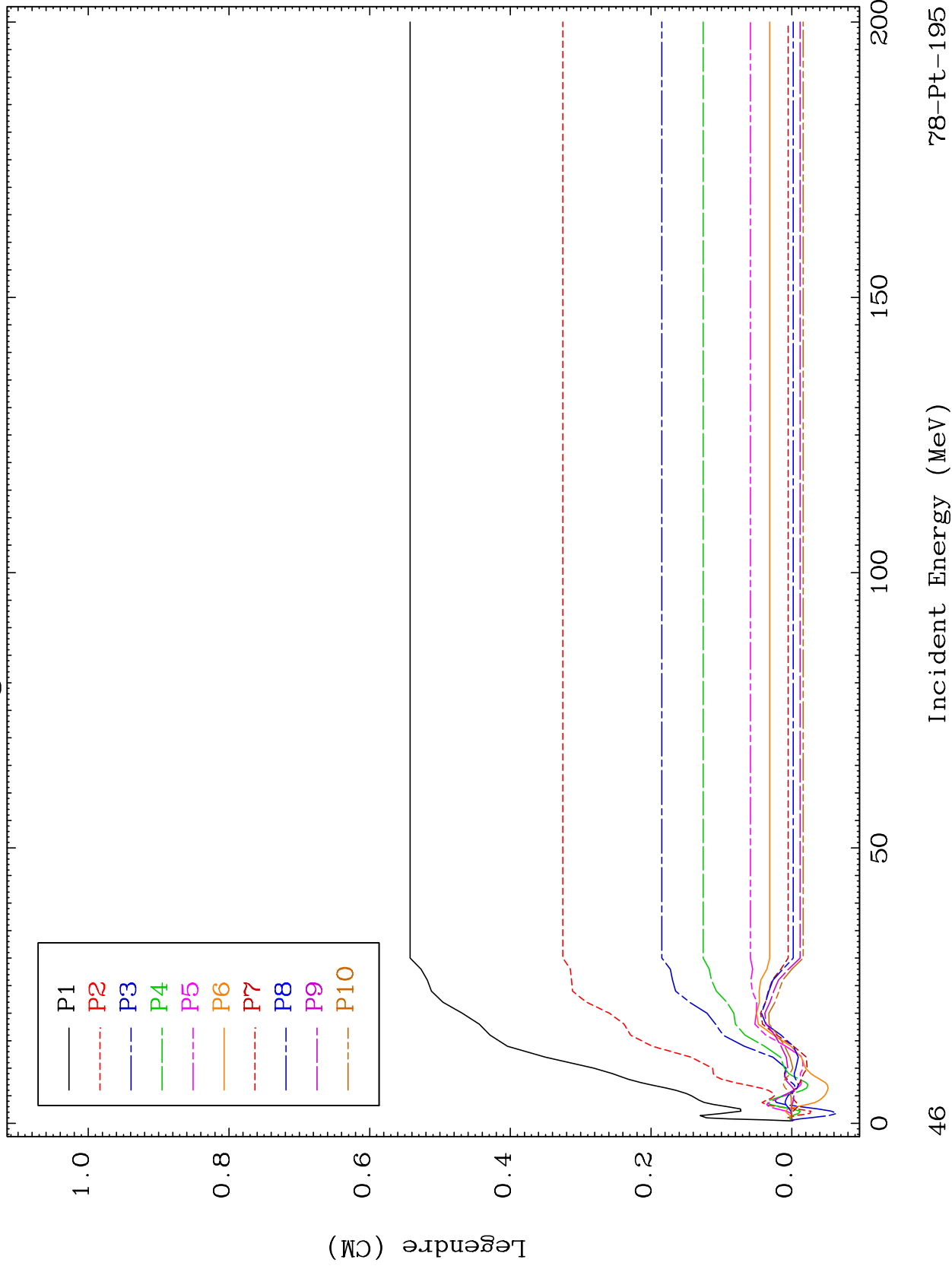
78-Pt-195



MAT 7840

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

78-Pt-195



46

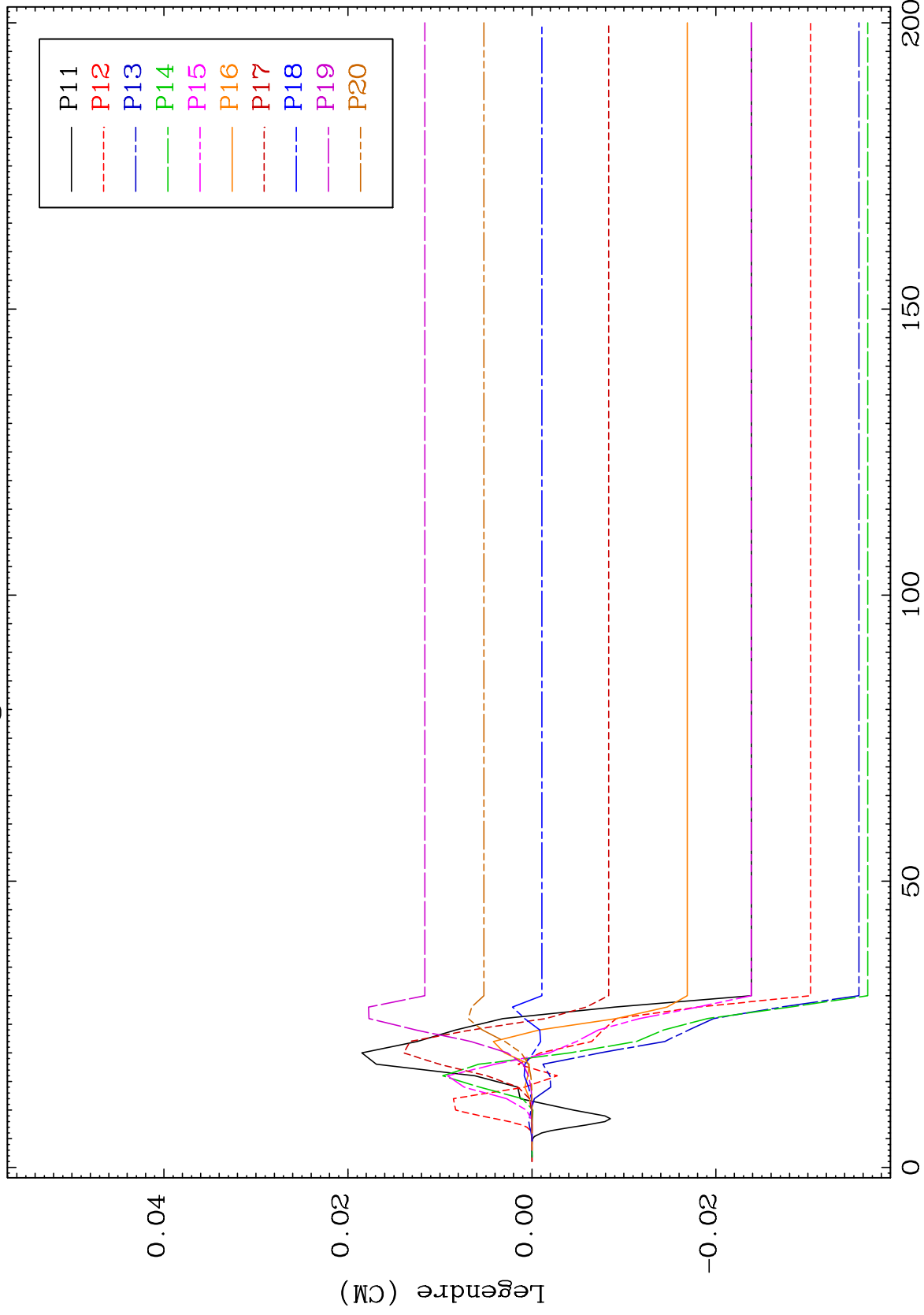
Incident Energy (MeV)

78-Pt-195

MAT 7840

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

78-Pt-195



47

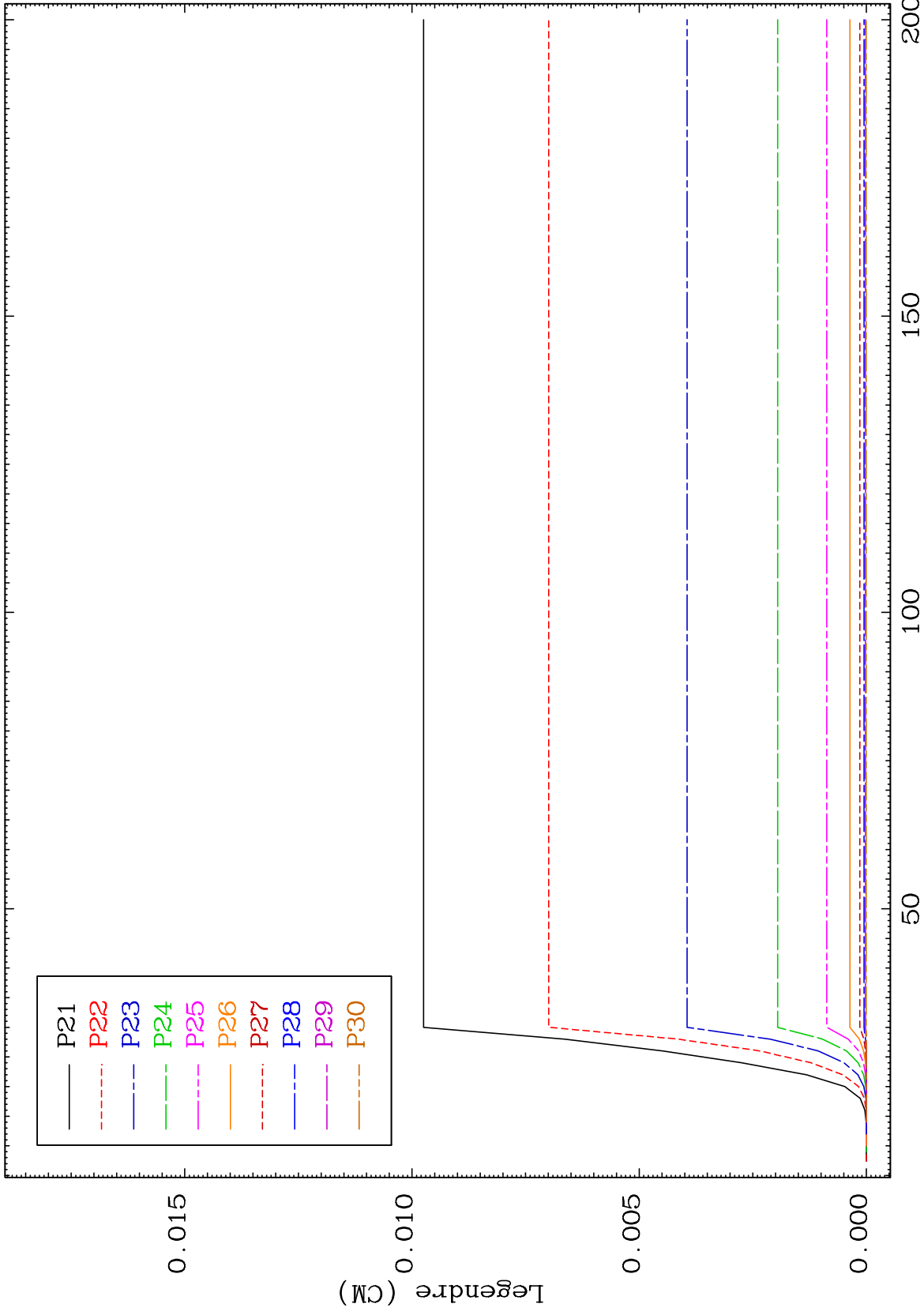
Incident Energy (MeV)

78-Pt-195

MAT 7840

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

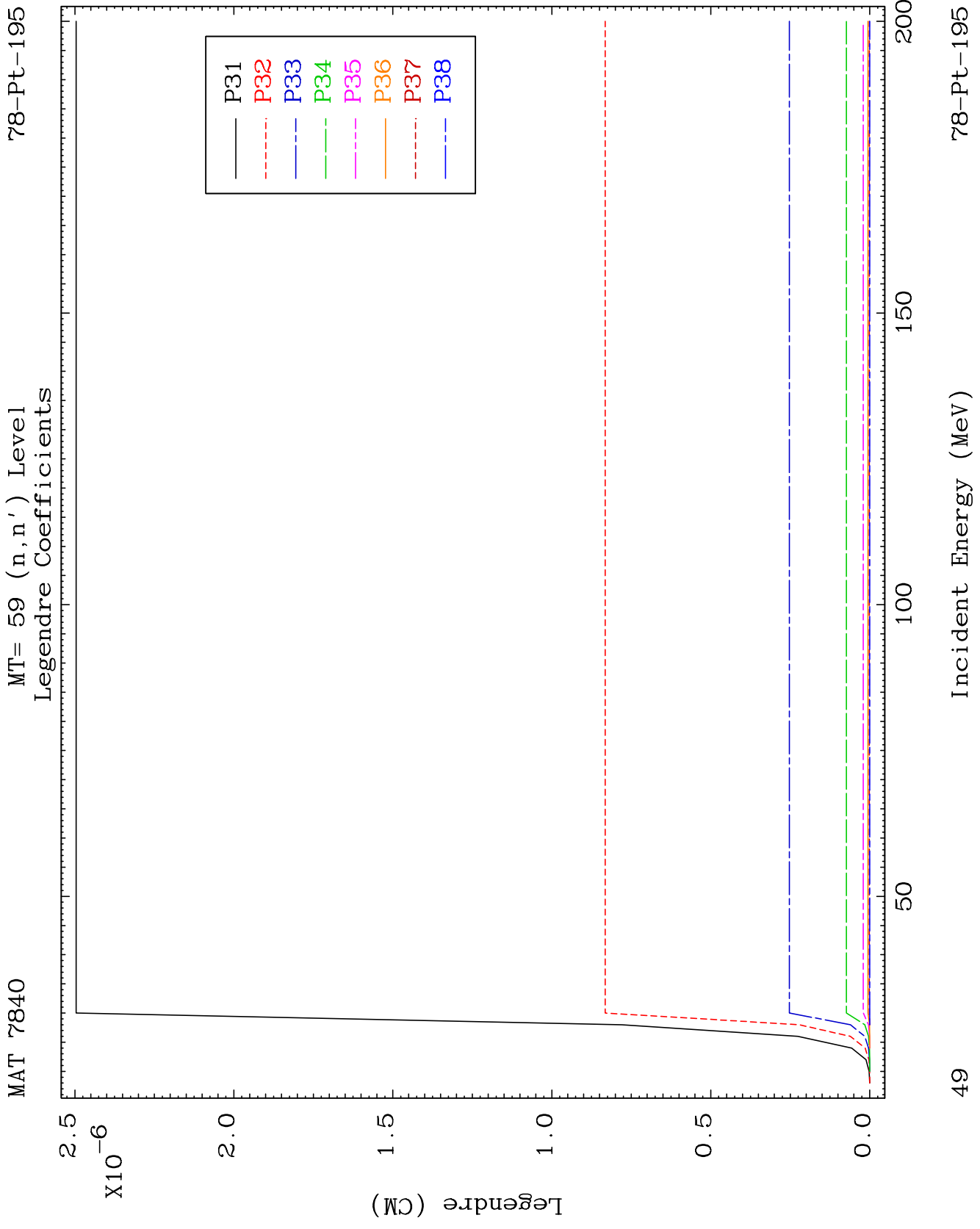
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48

Incident Energy (MeV)

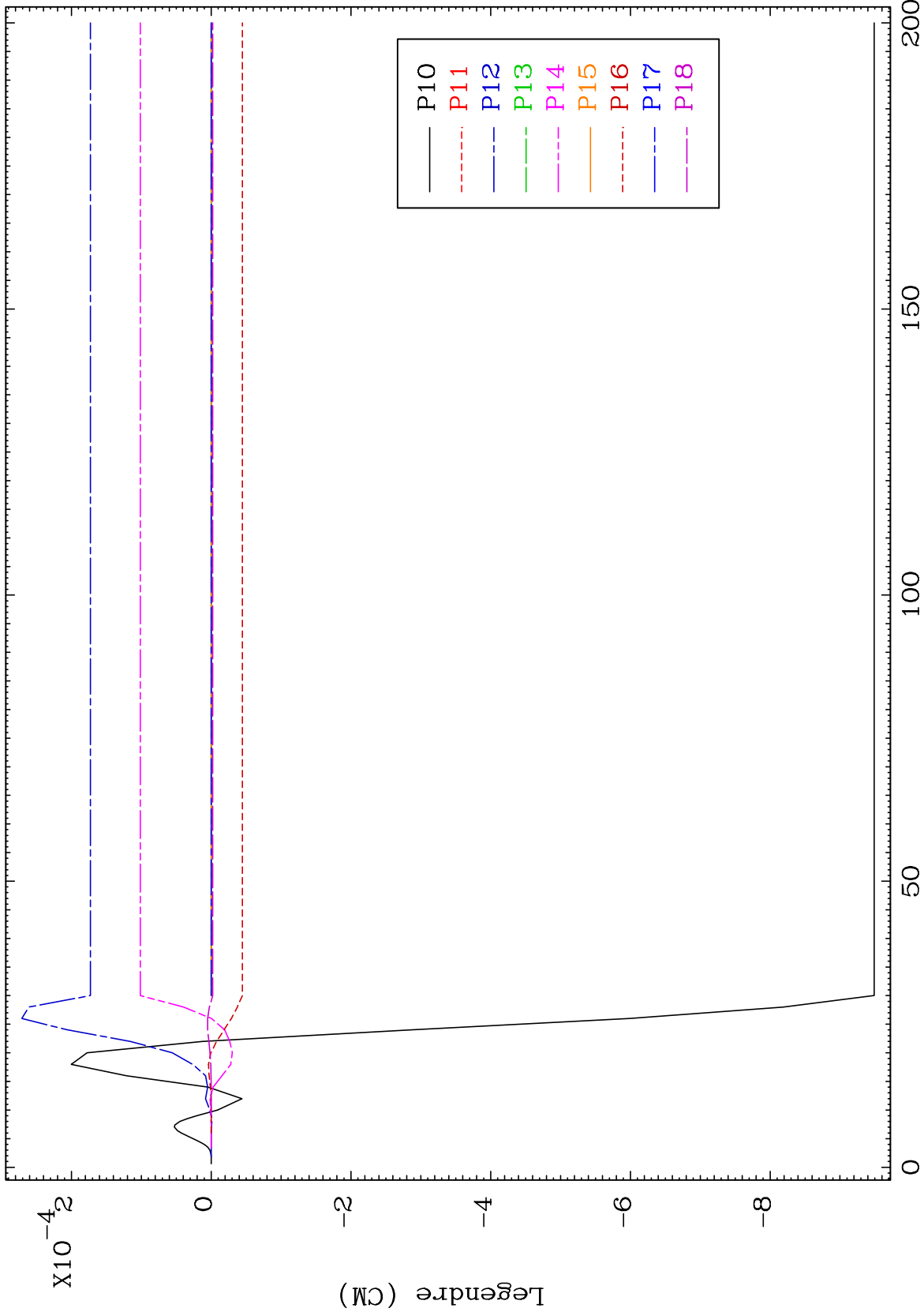
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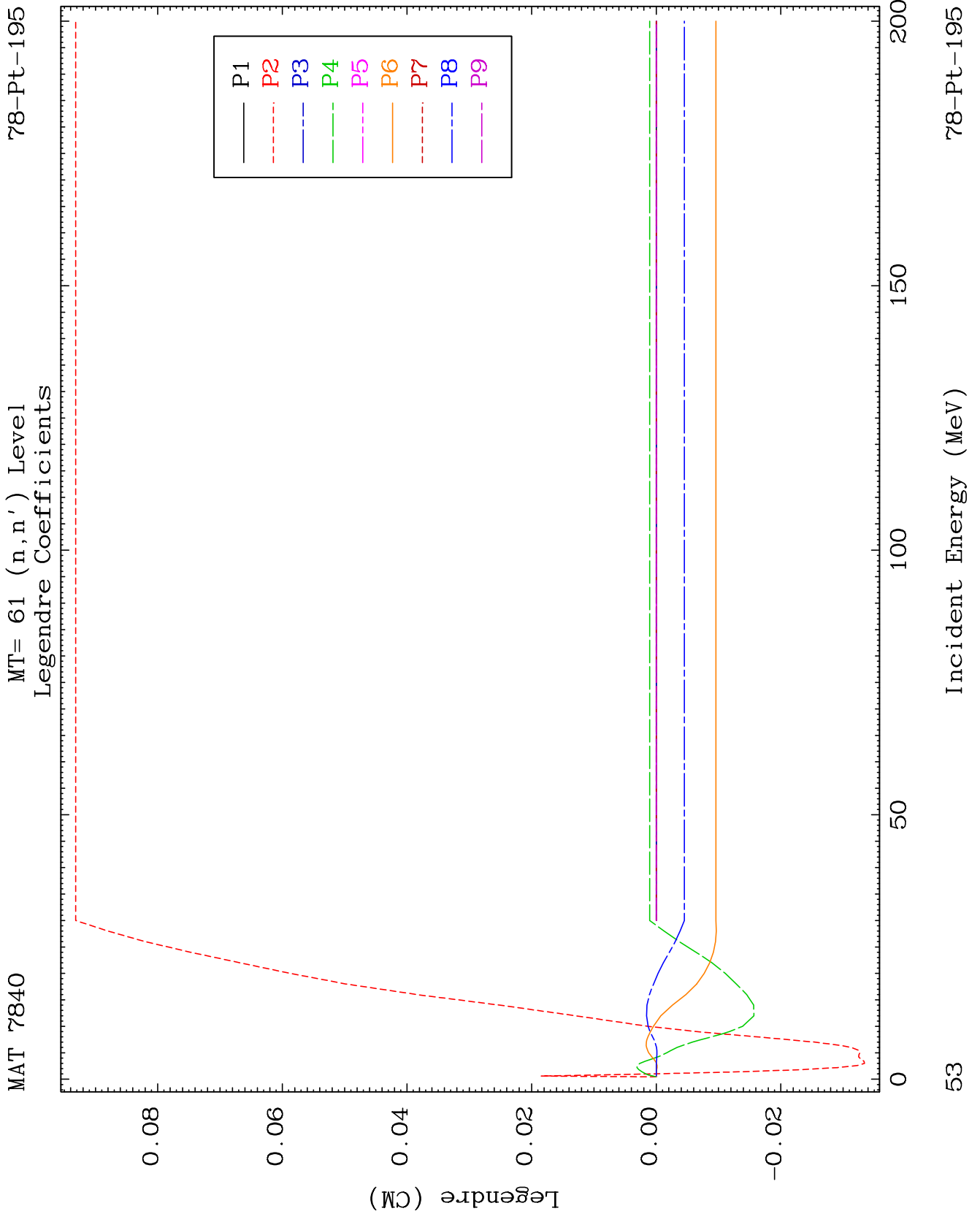


MAT 7840

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

78-Pt-195

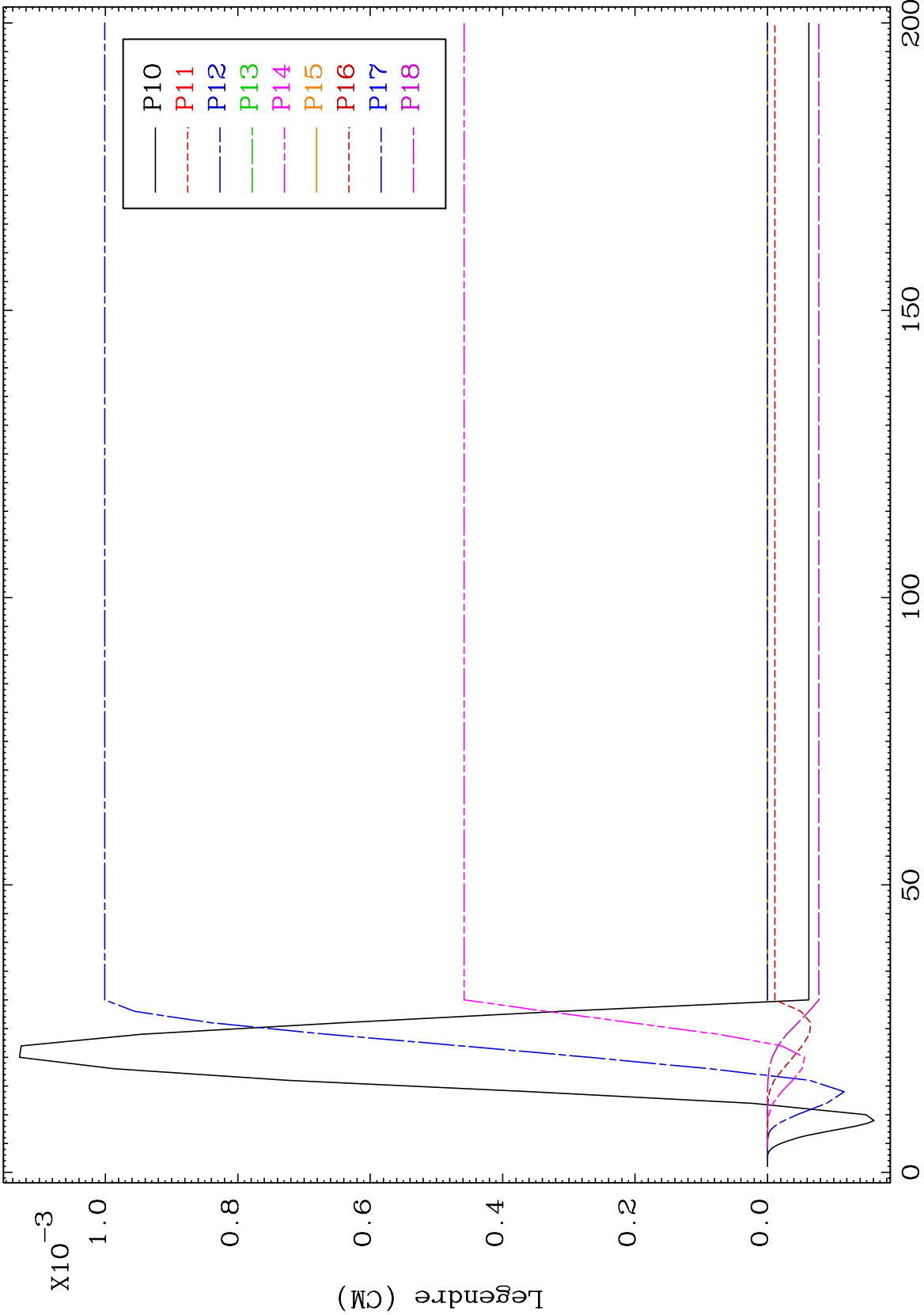




MAT 7840

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

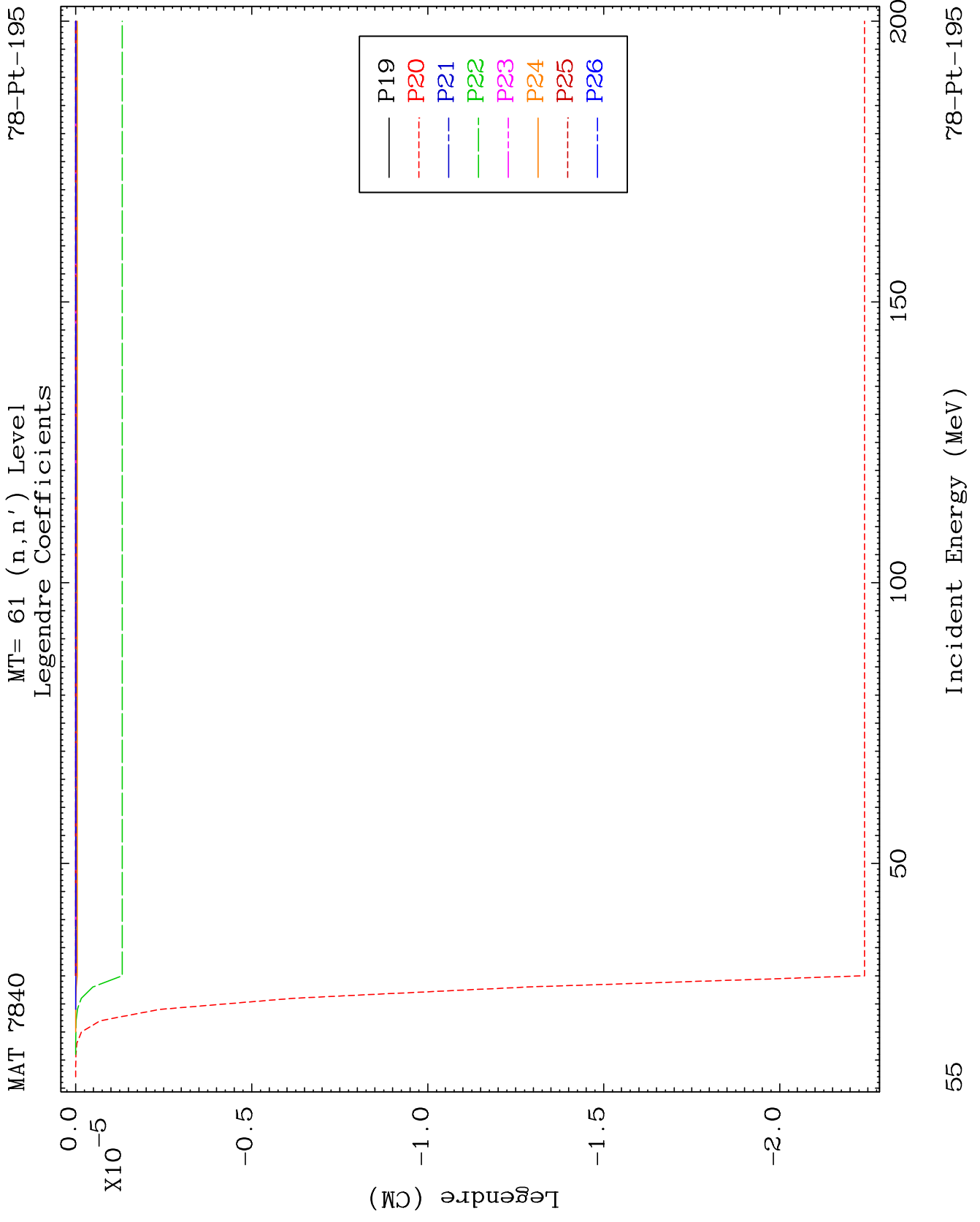
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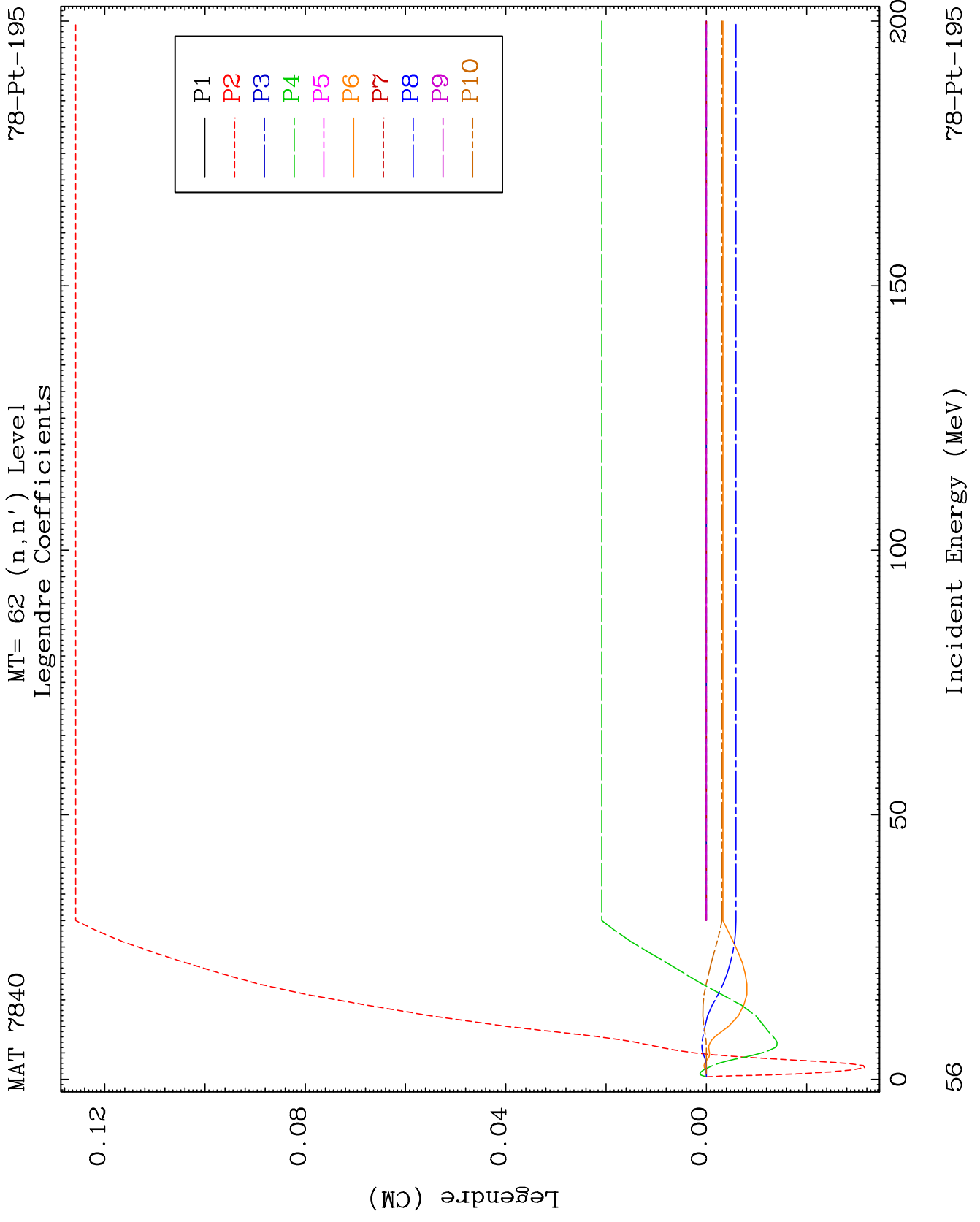


54

Incident Energy (MeV)

78-Pt-195

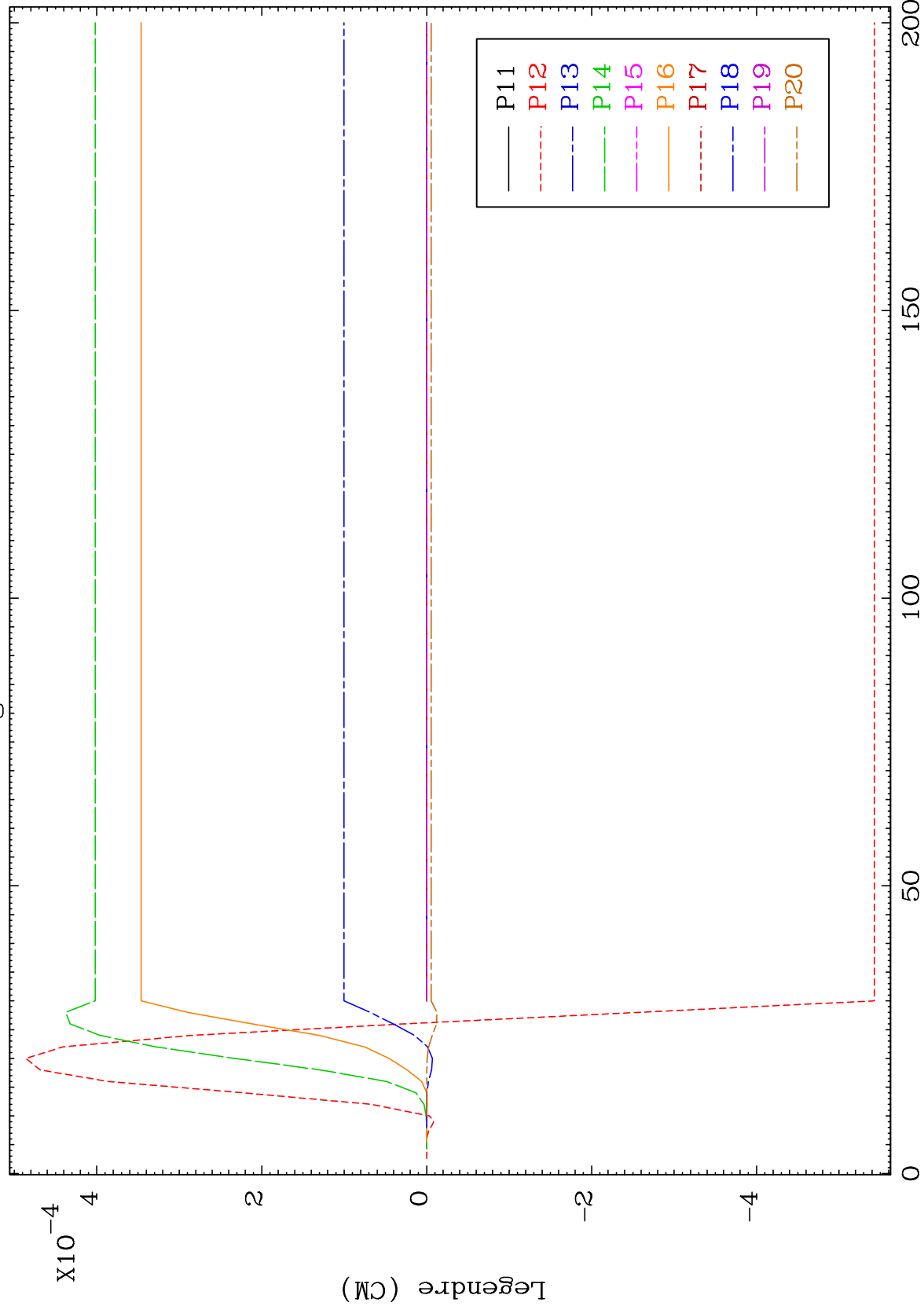




MAT 7840

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

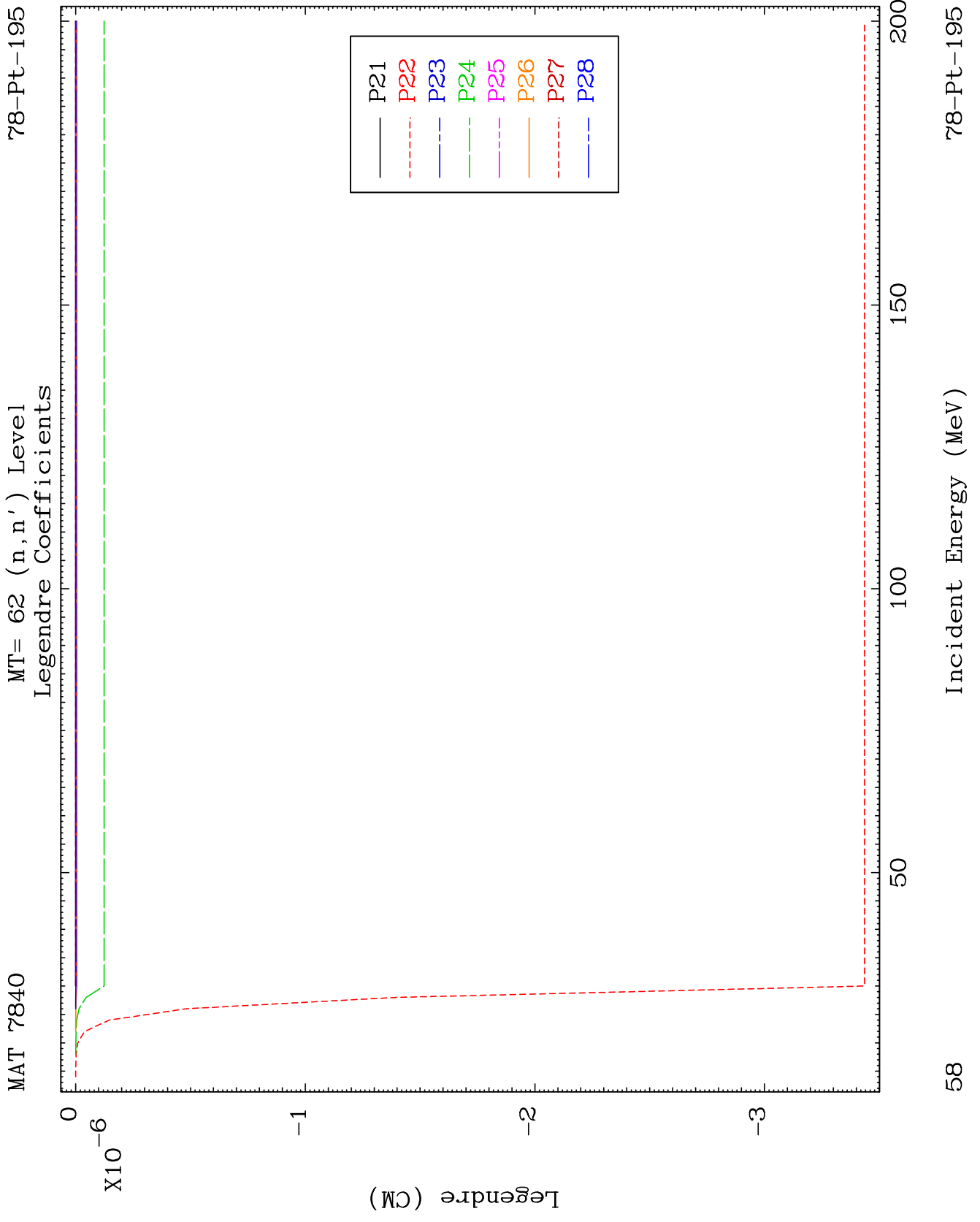
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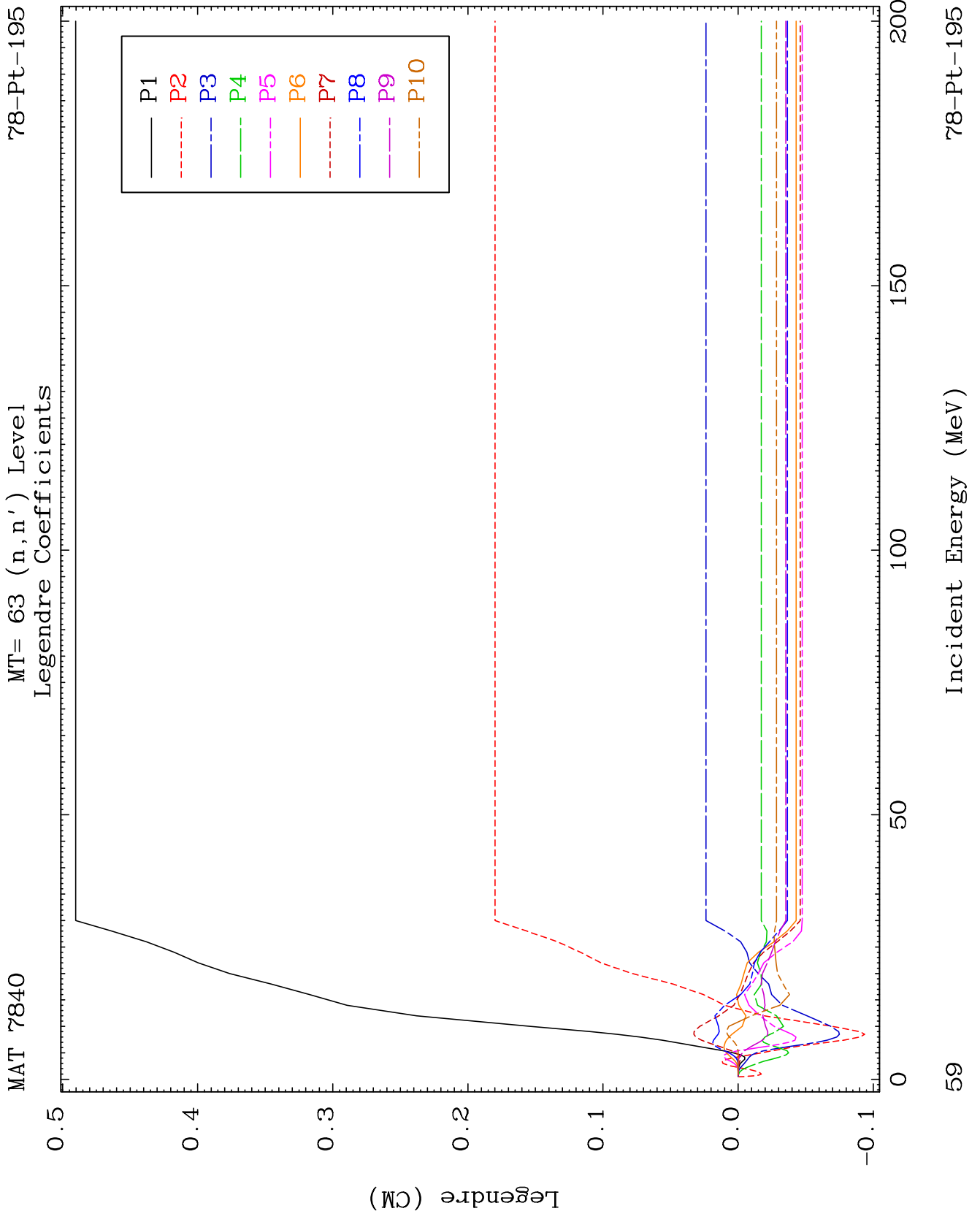


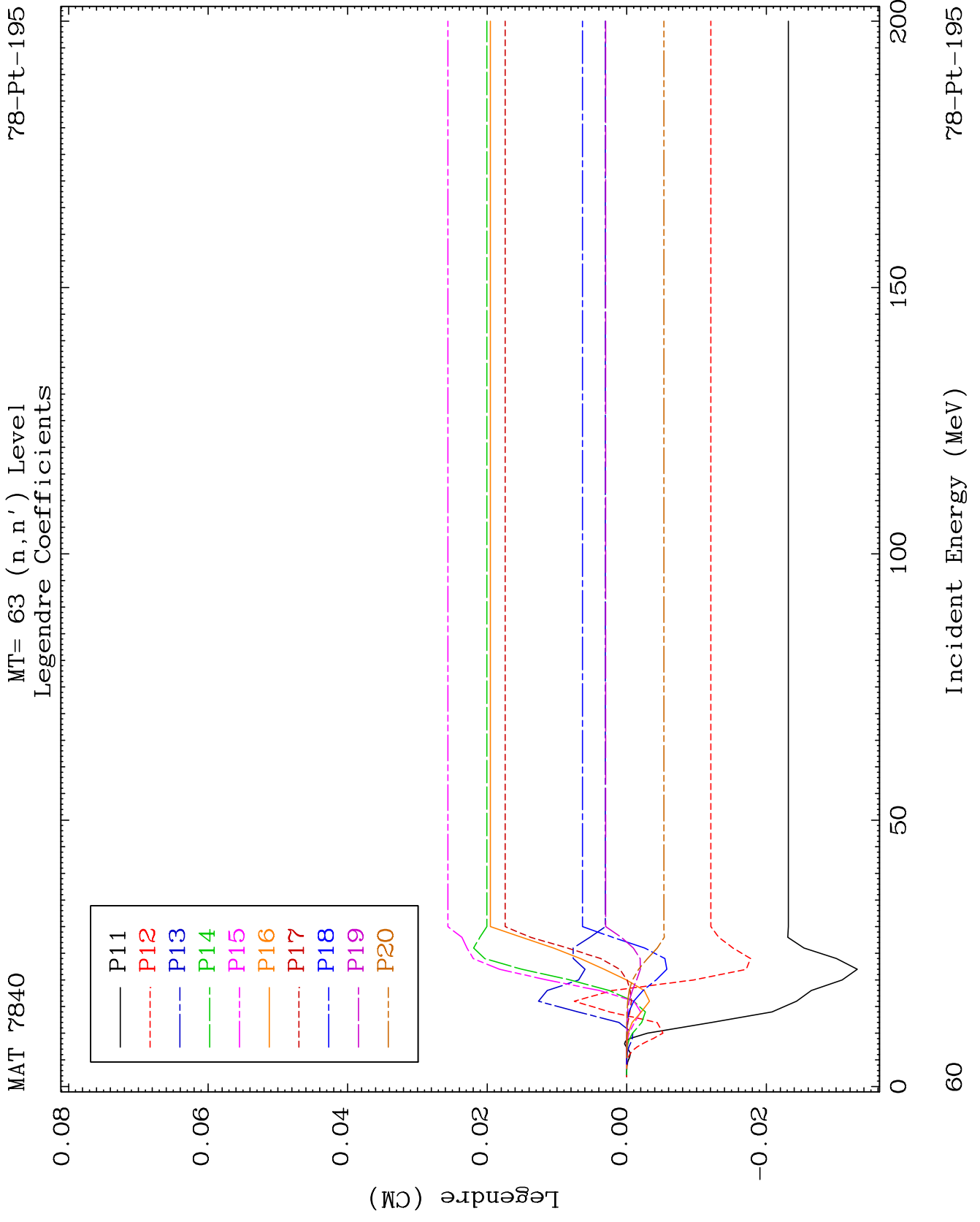
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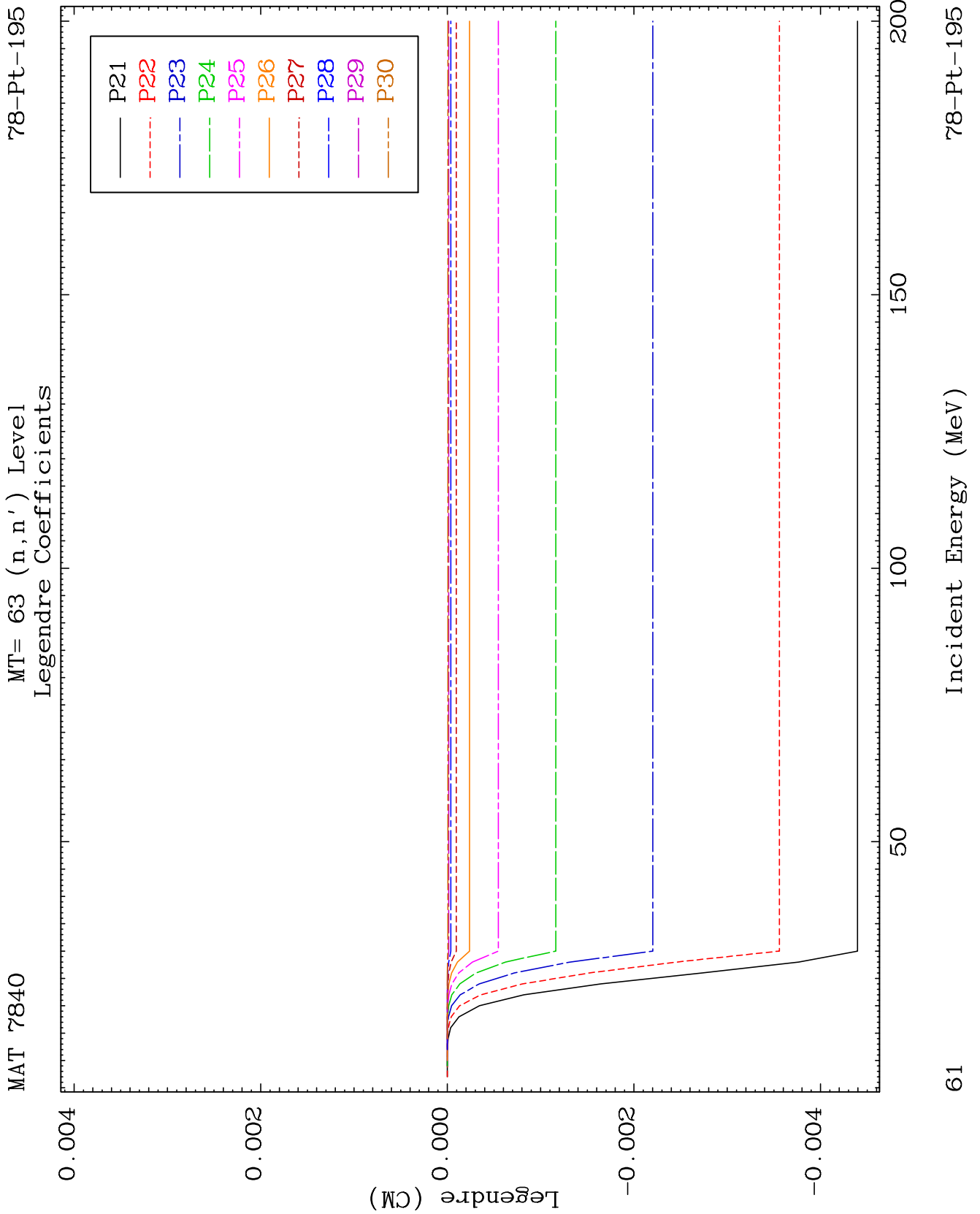
Incident Energy (MeV)

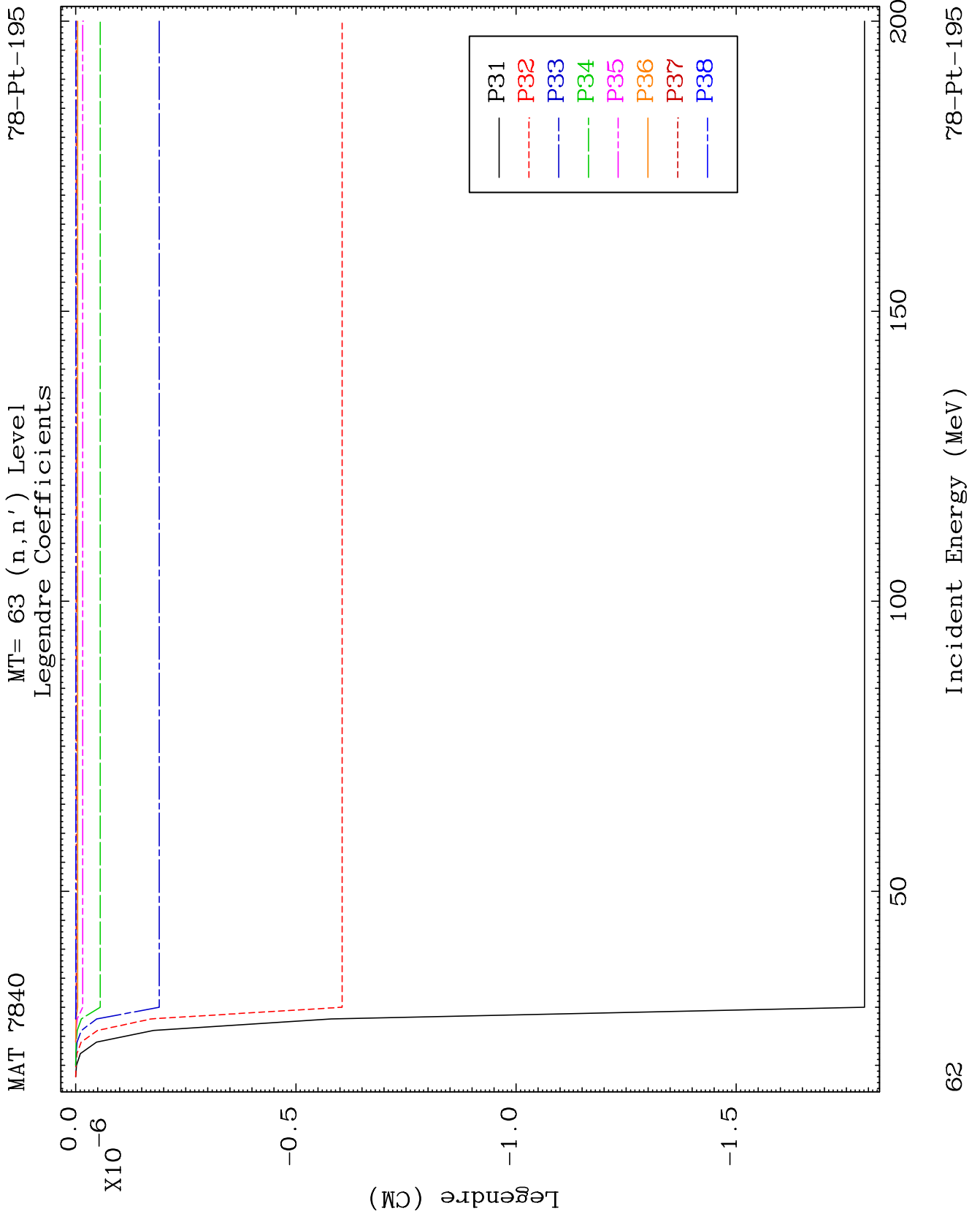
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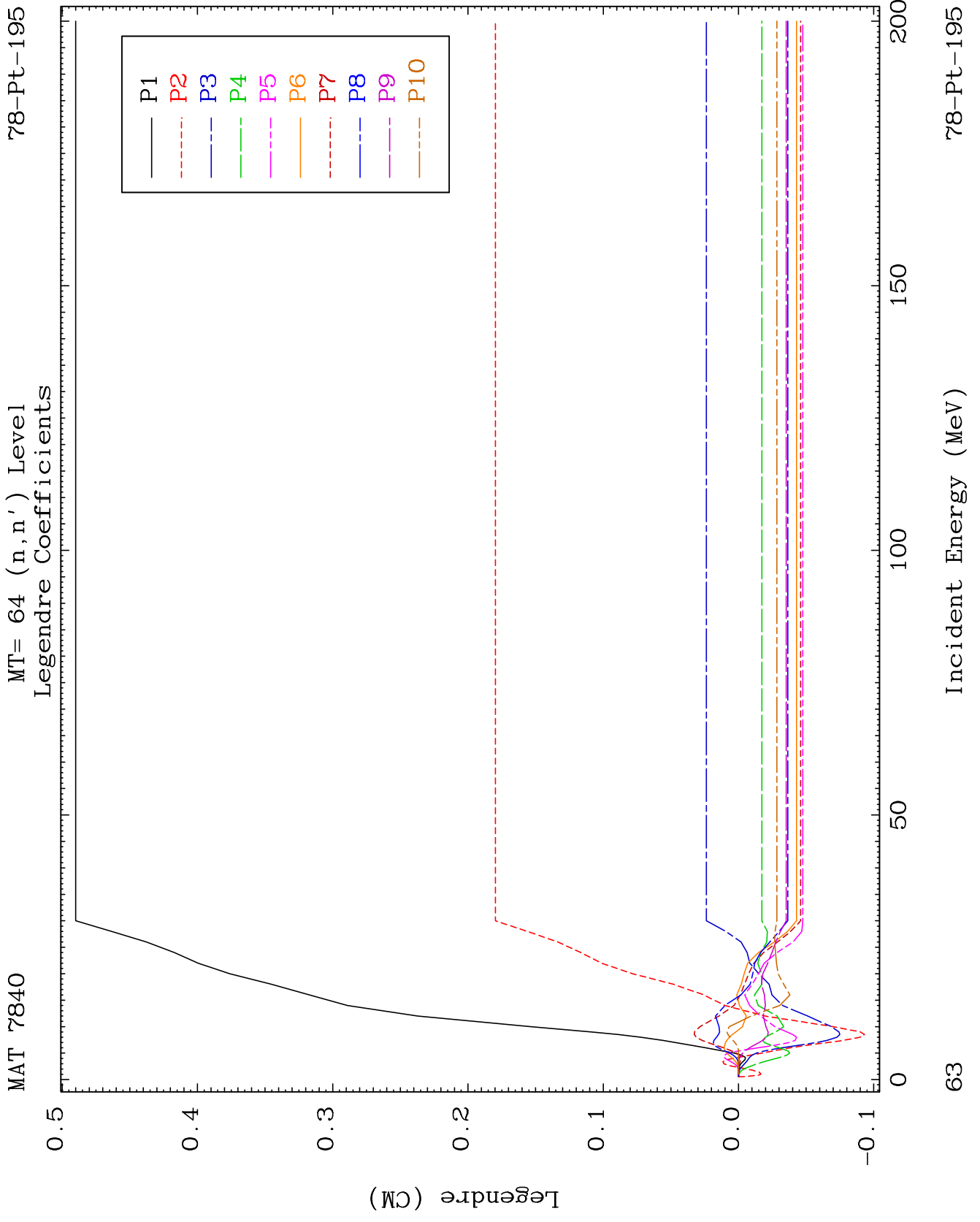


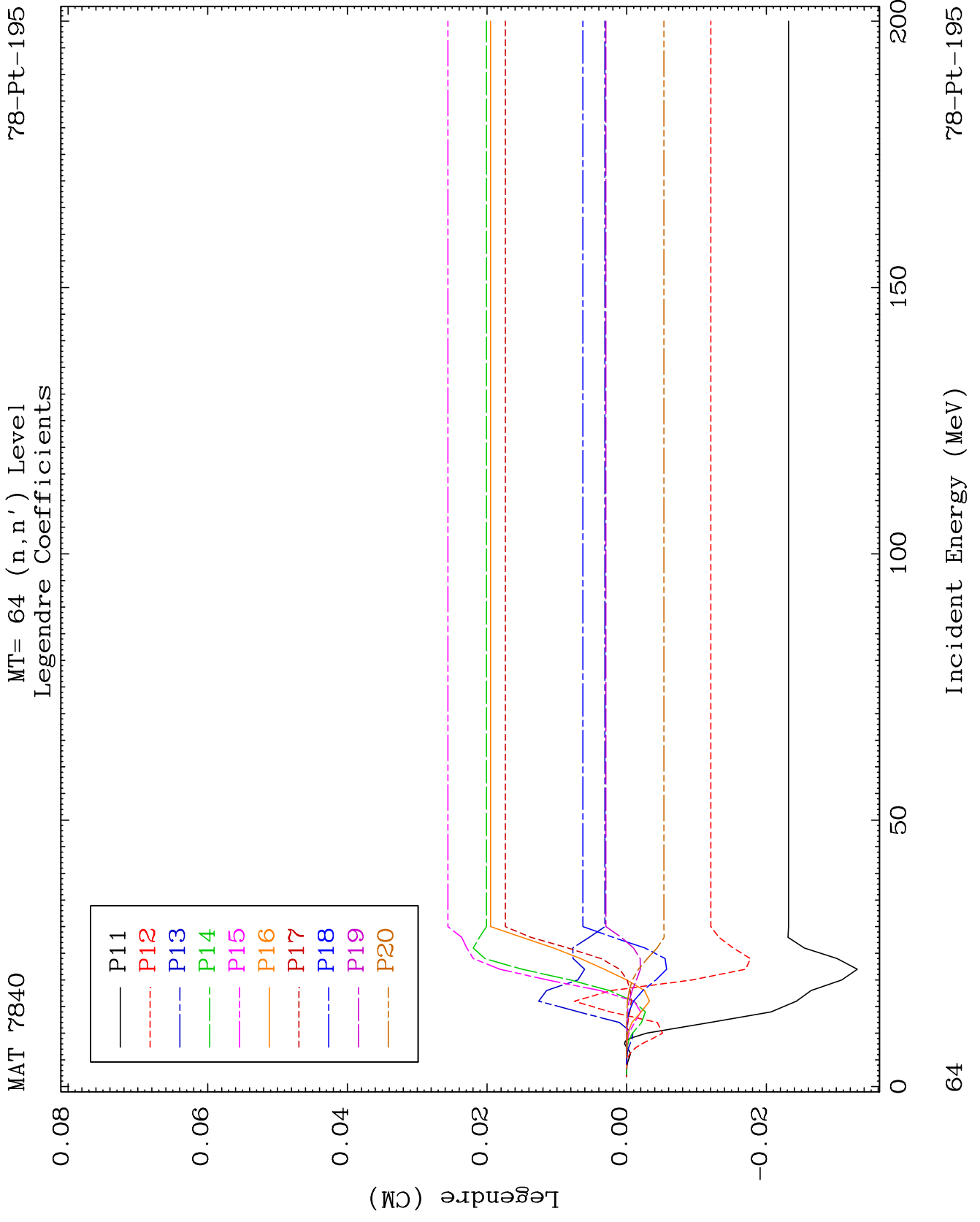


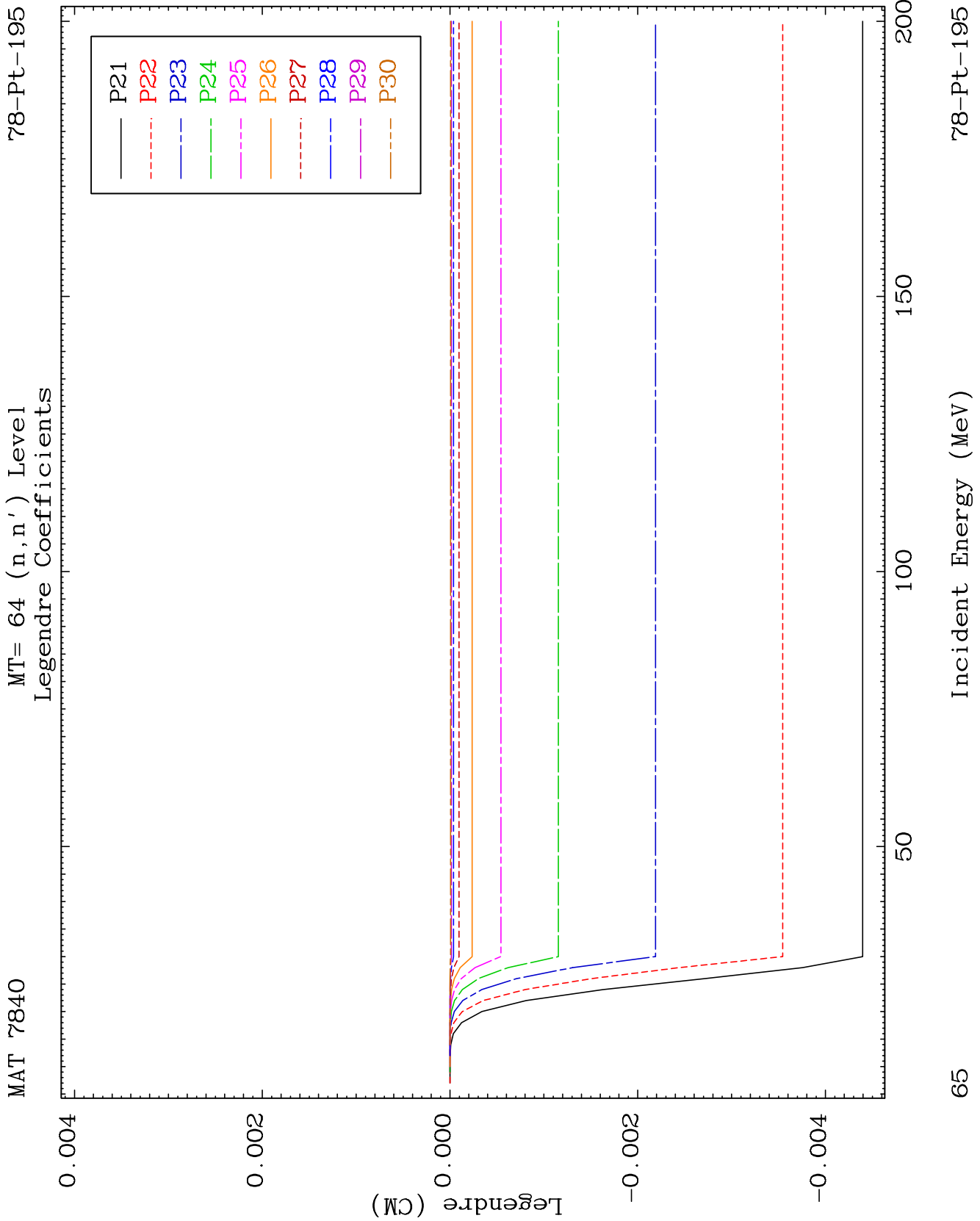


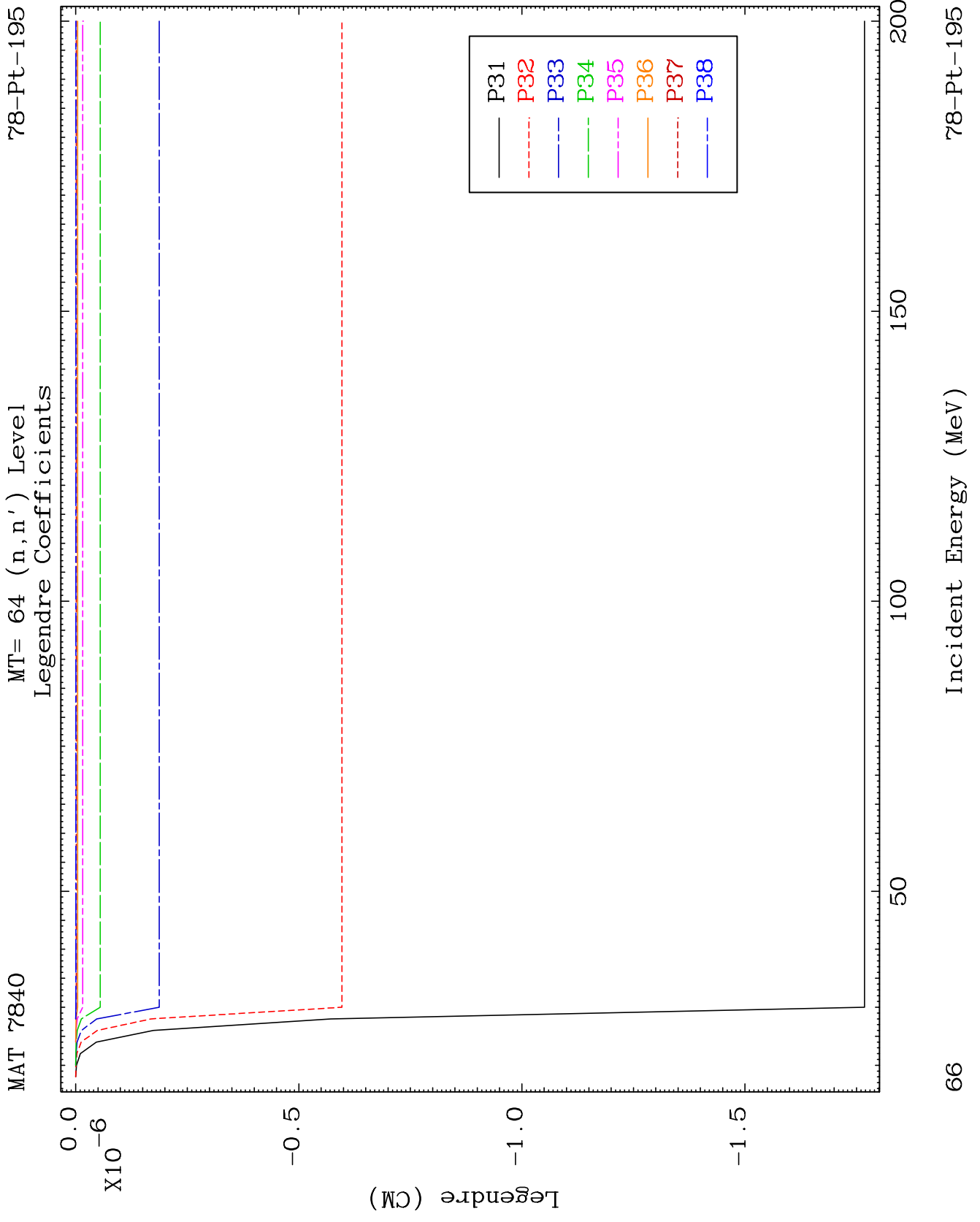








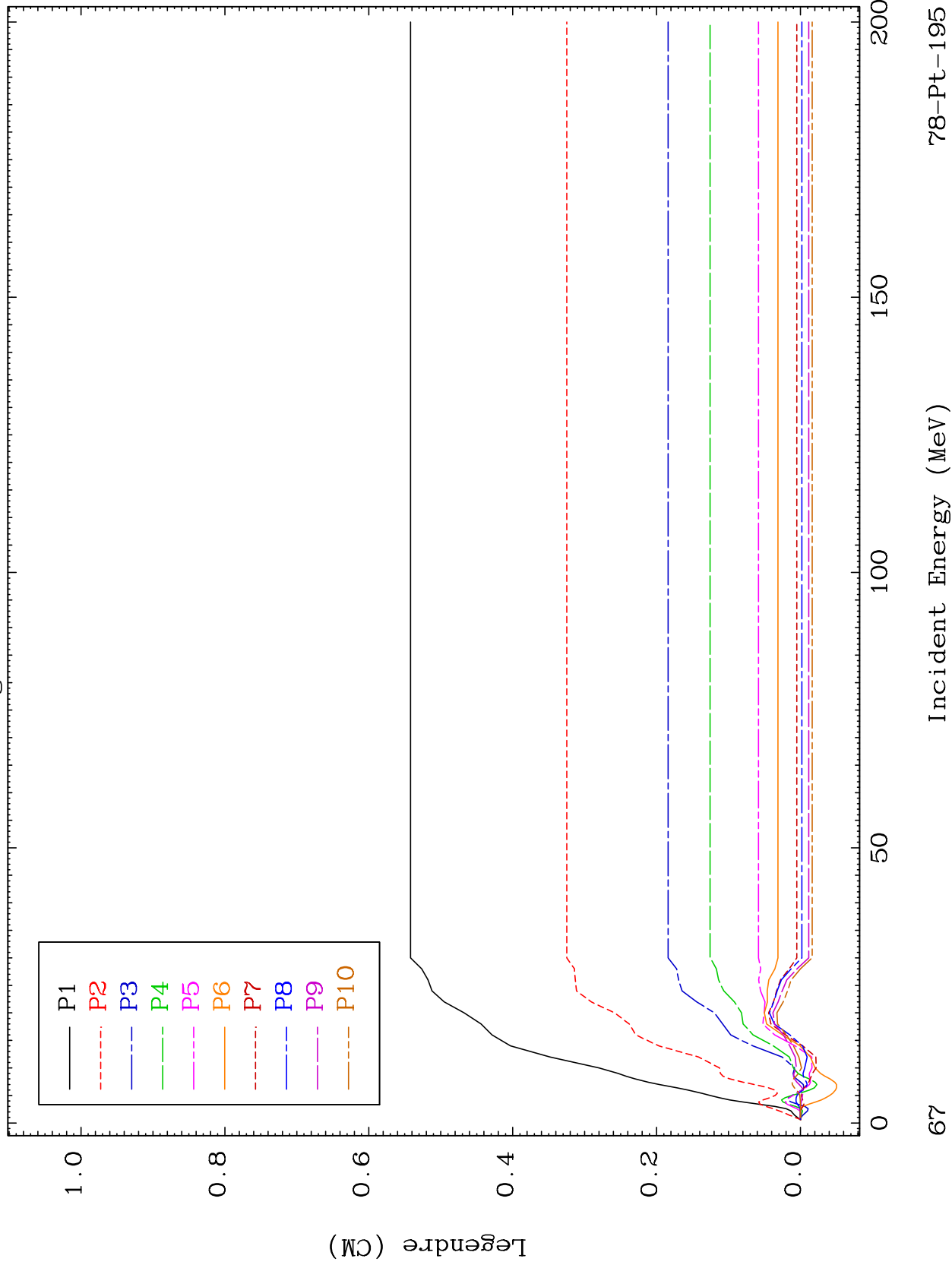


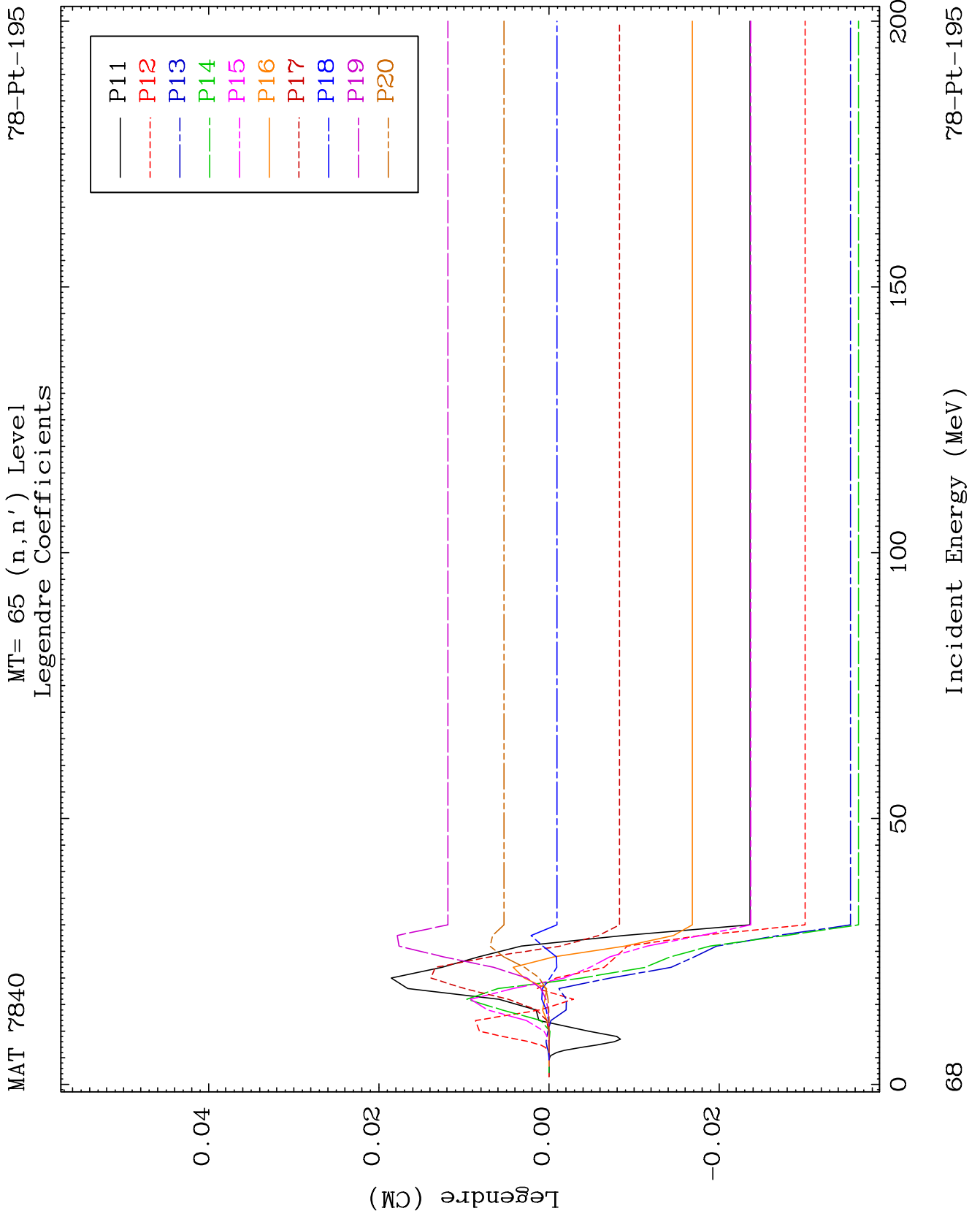


MAT 7840

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

78-Pt-195

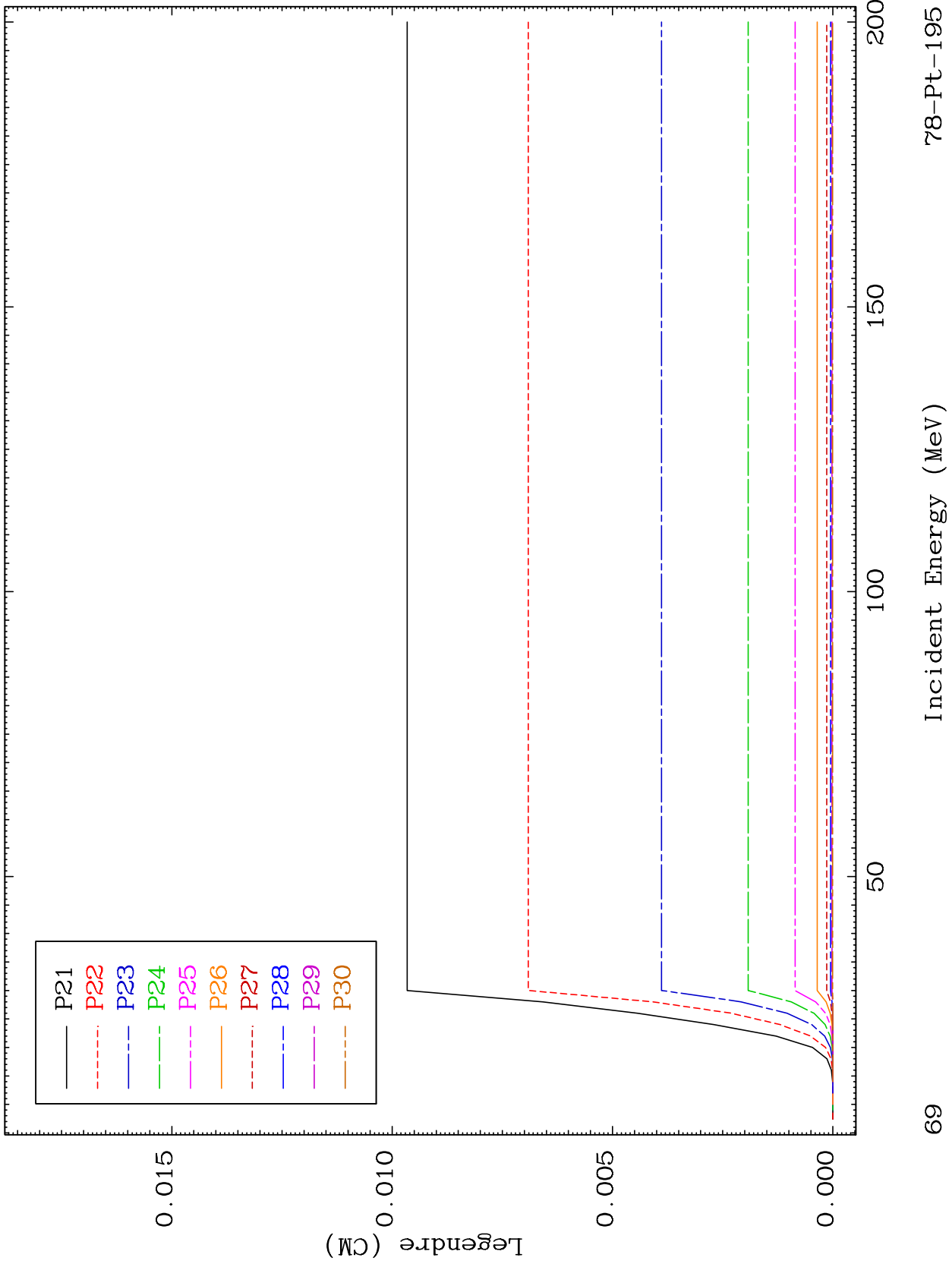




MAT 7840

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

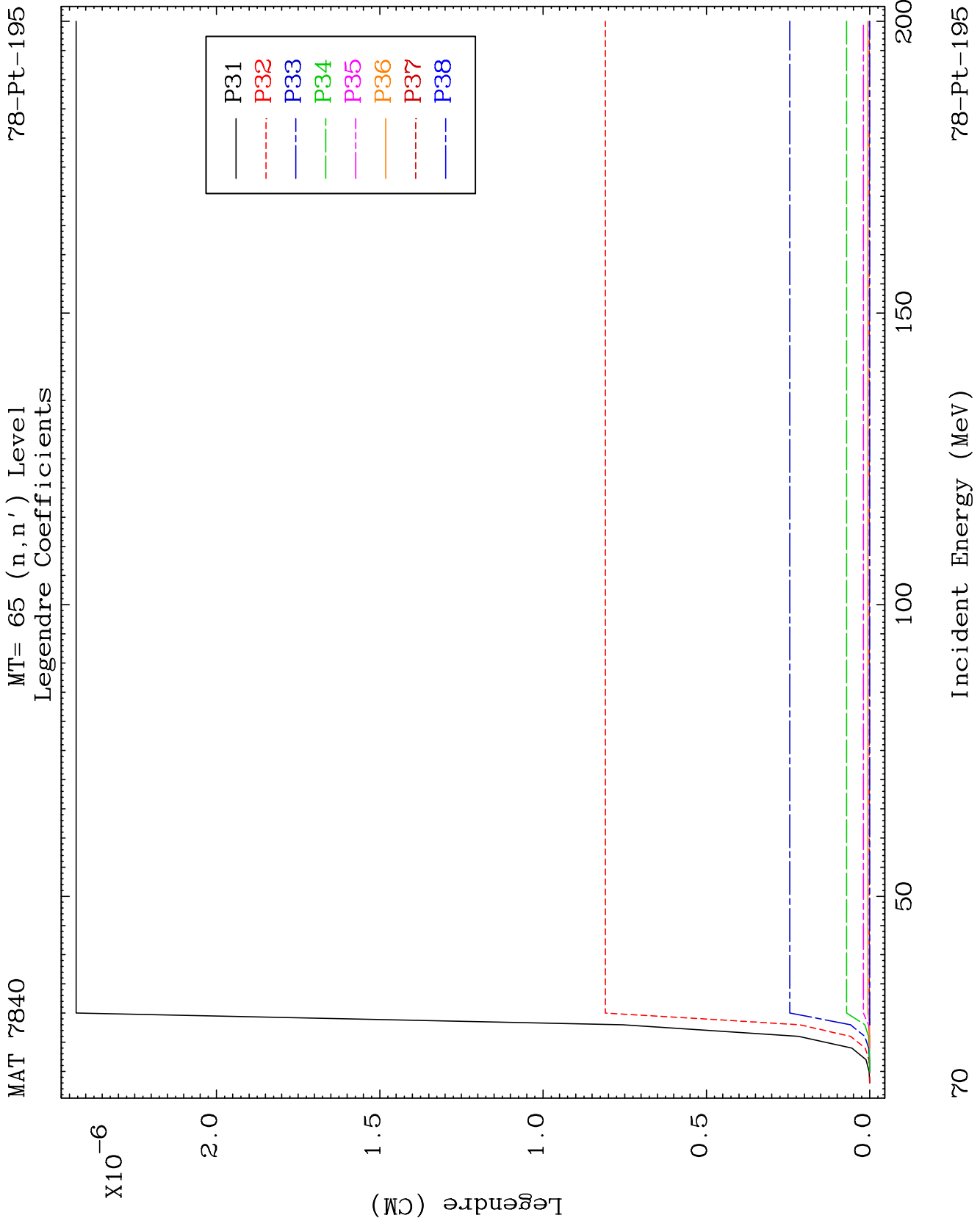
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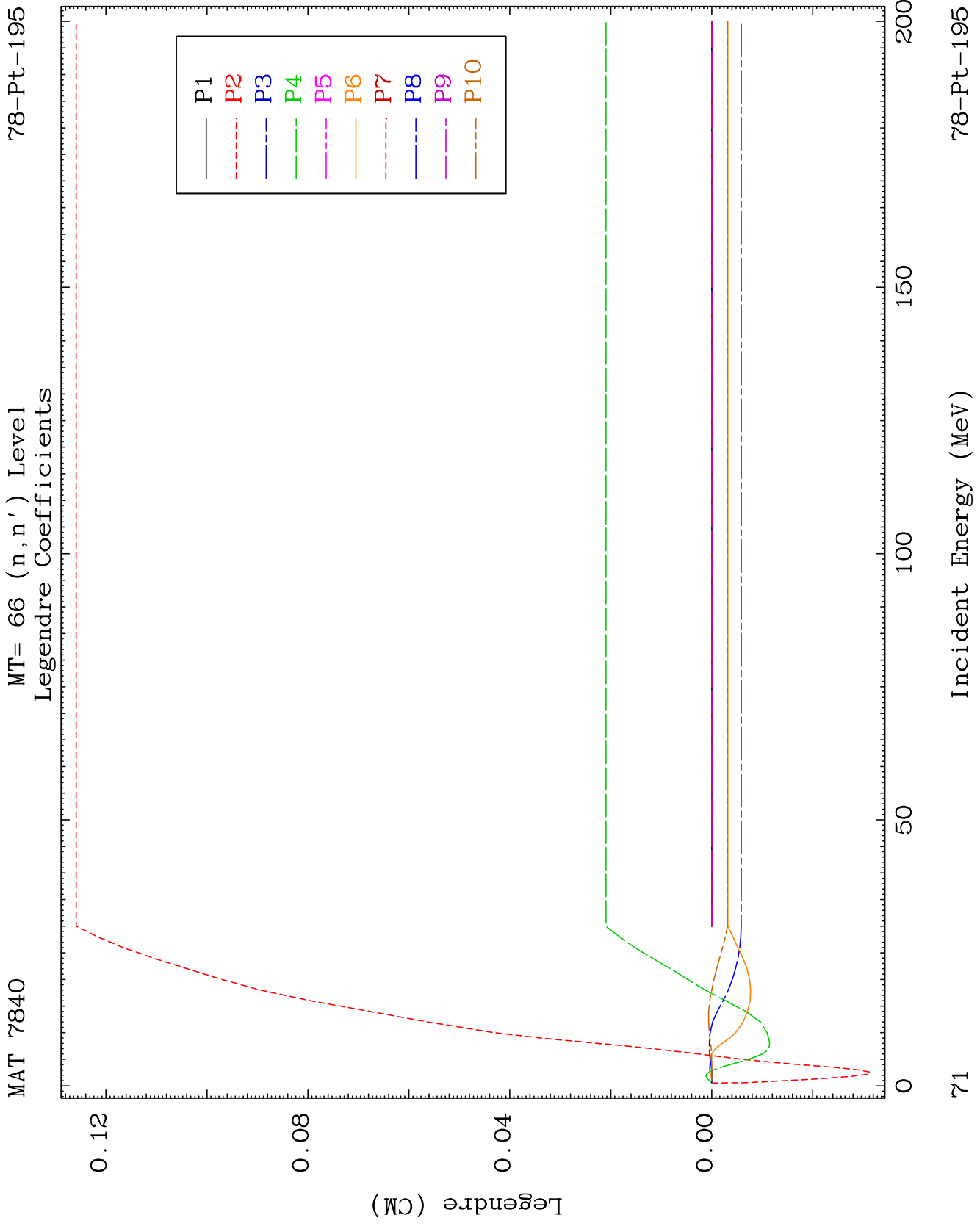


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Incident Energy (MeV)

78-Pt-195

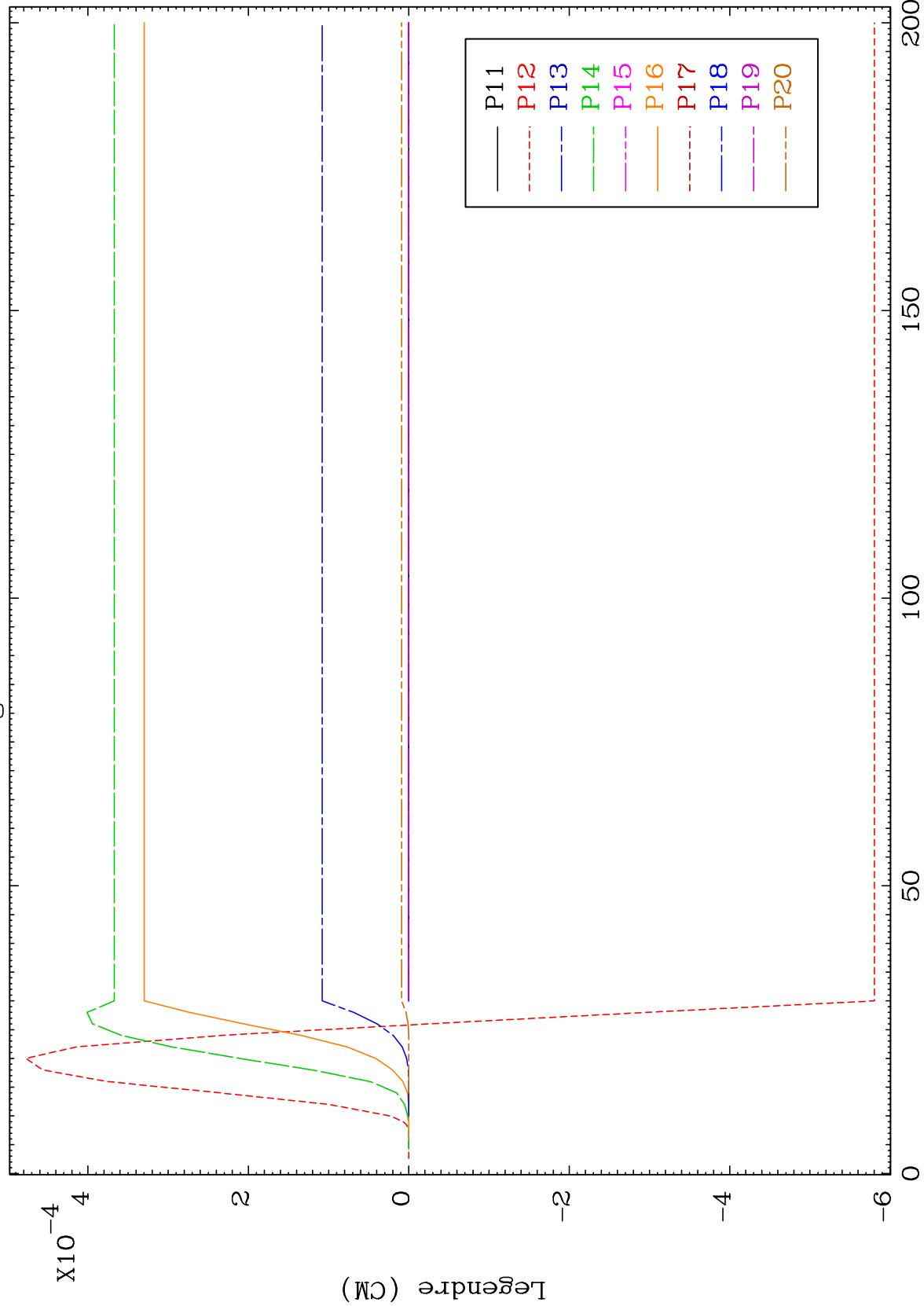




MAT 7840

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

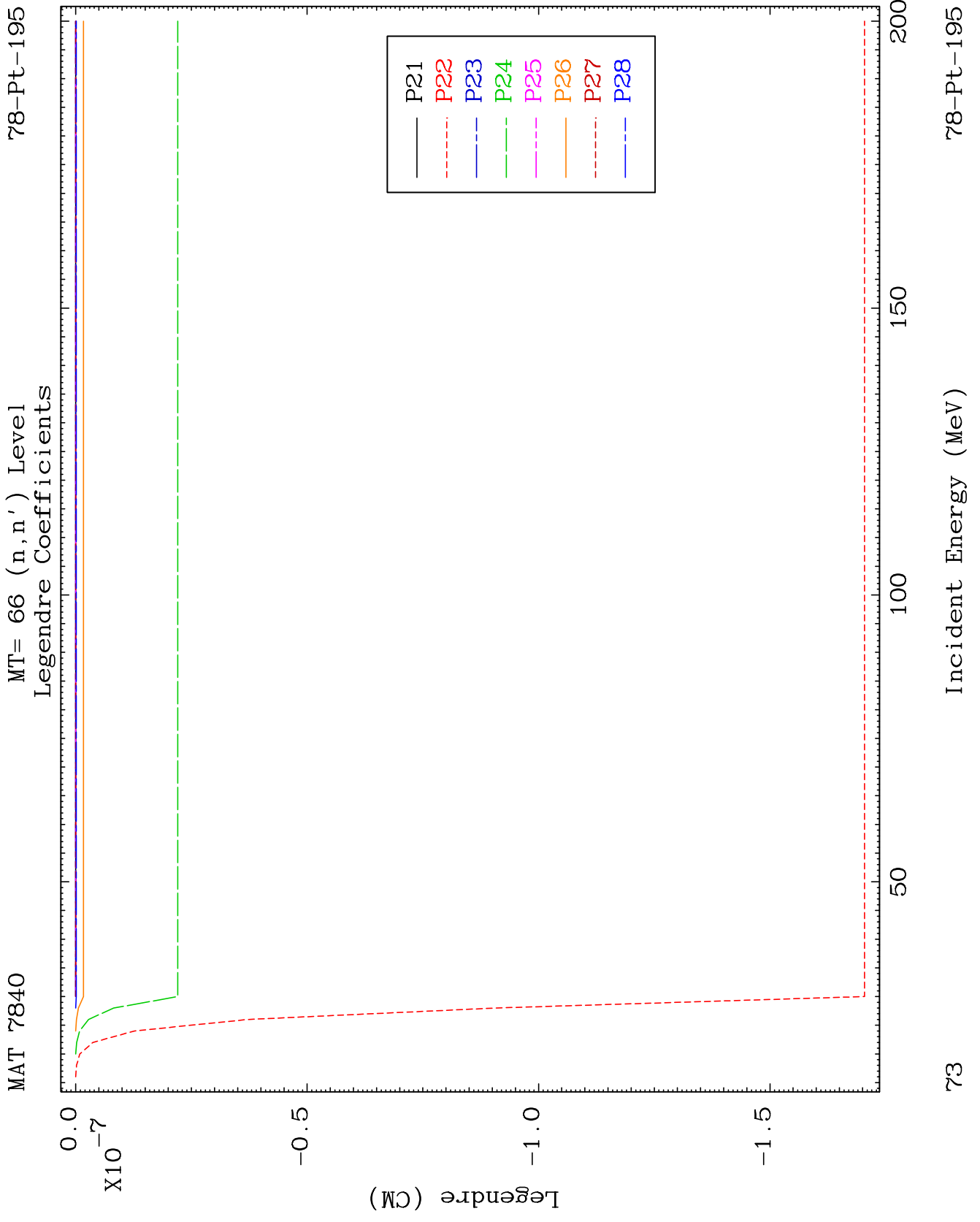
78-Pt-195



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Incident Energy (MeV)

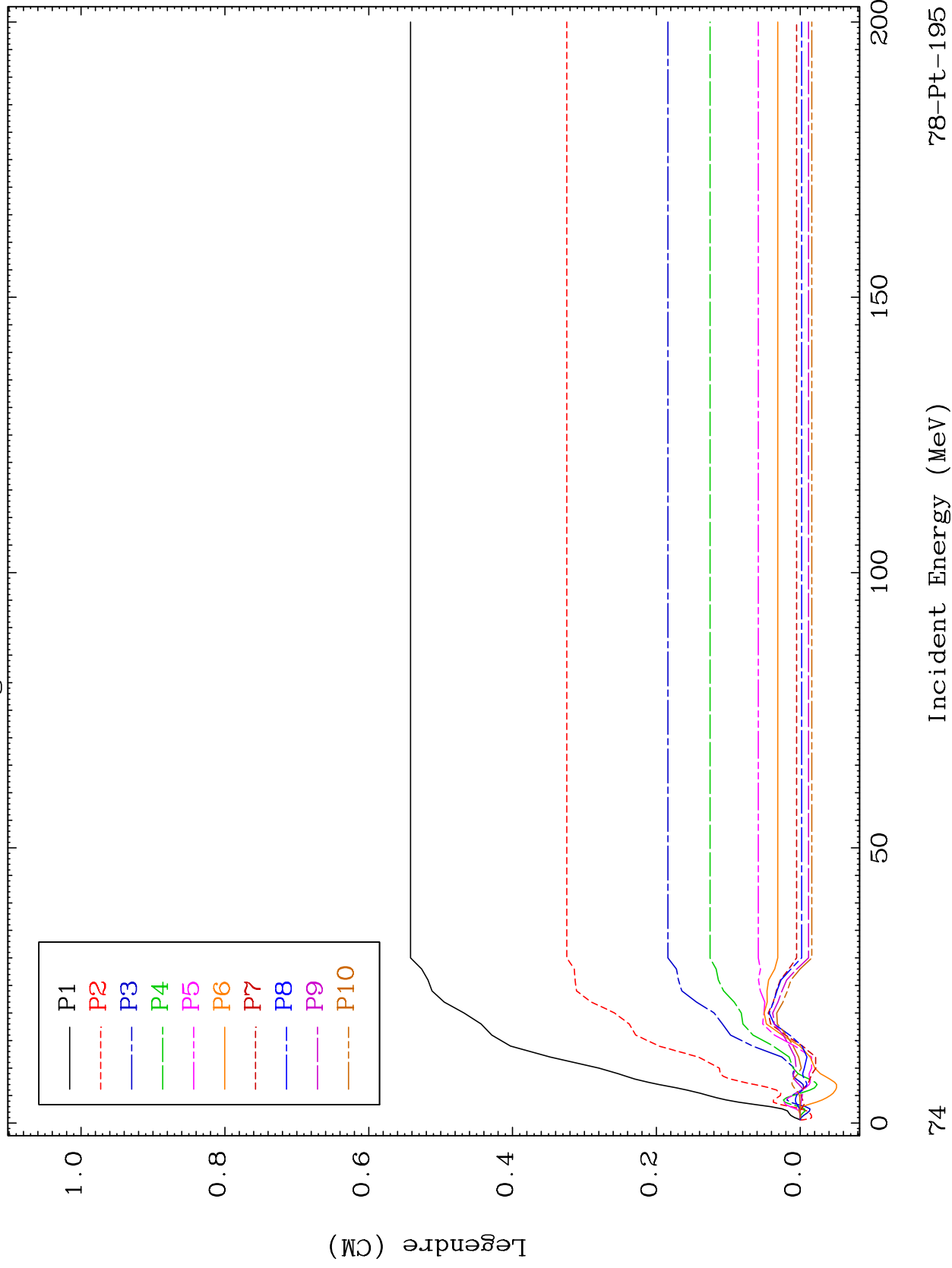
78-Pt-195



MAT 7840

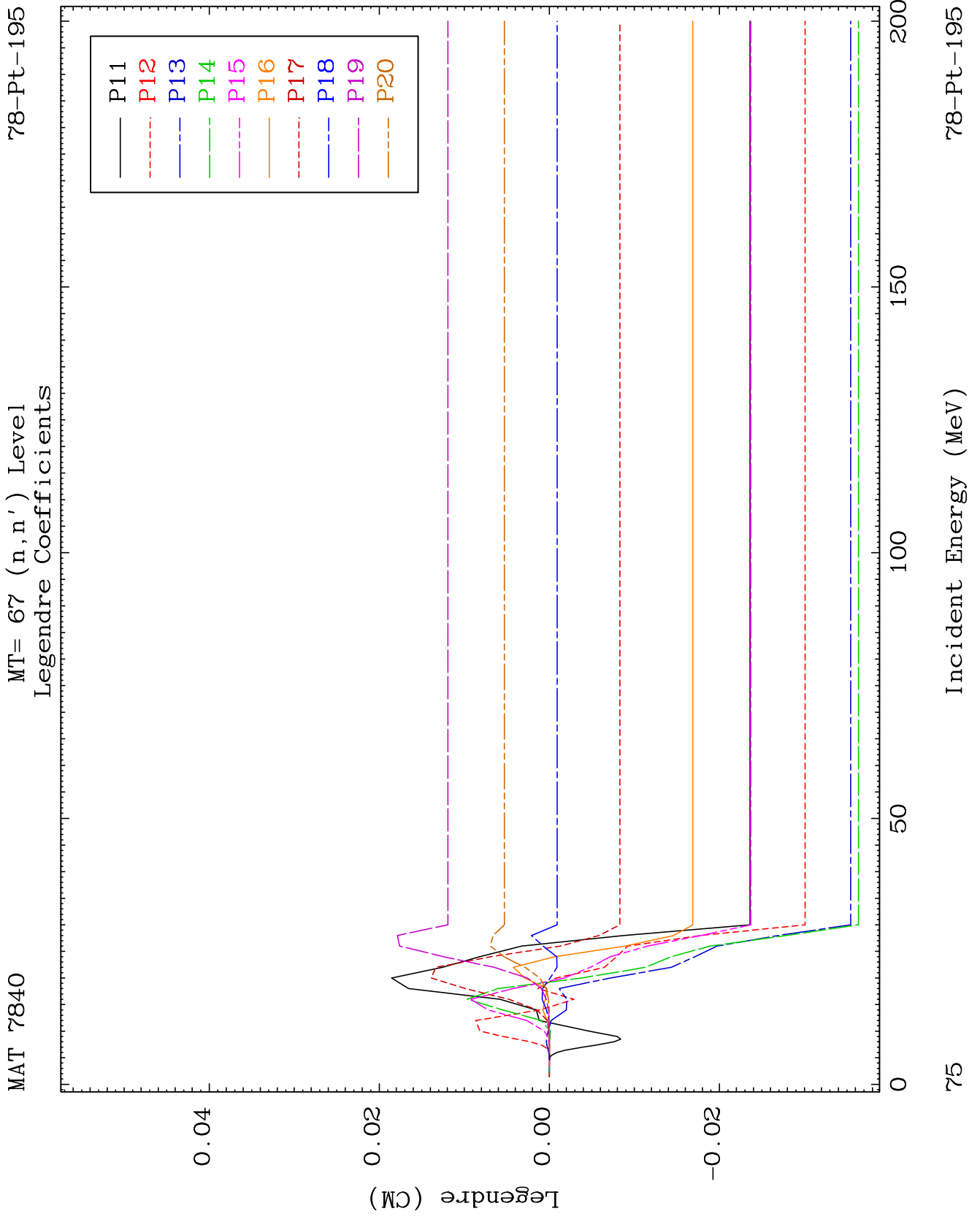
MT= 67 (n,n') Level
Legendre Coefficients

78-Pt-195



74

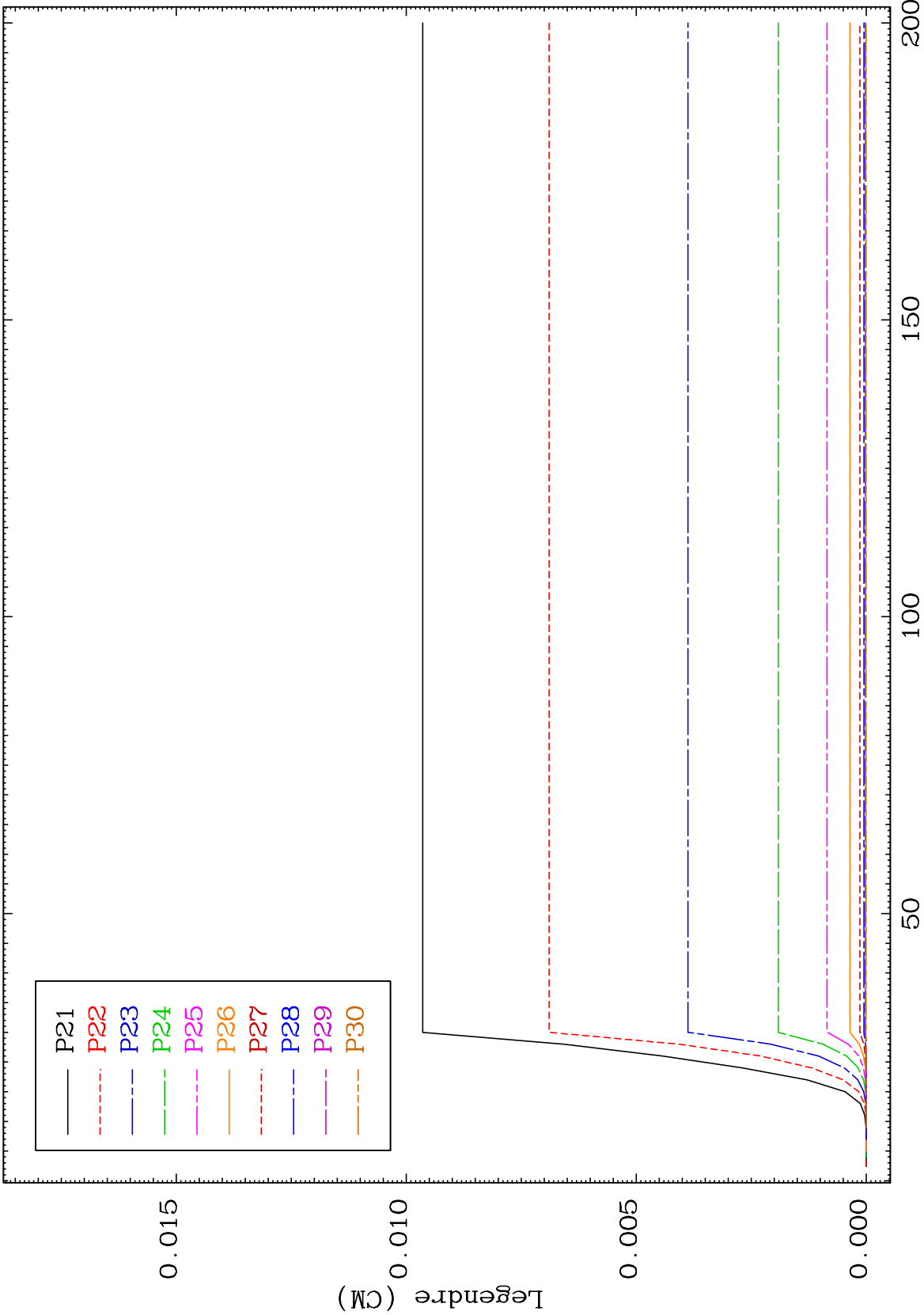
78-Pt-195



MAT 7840

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

78-Pt-195



76

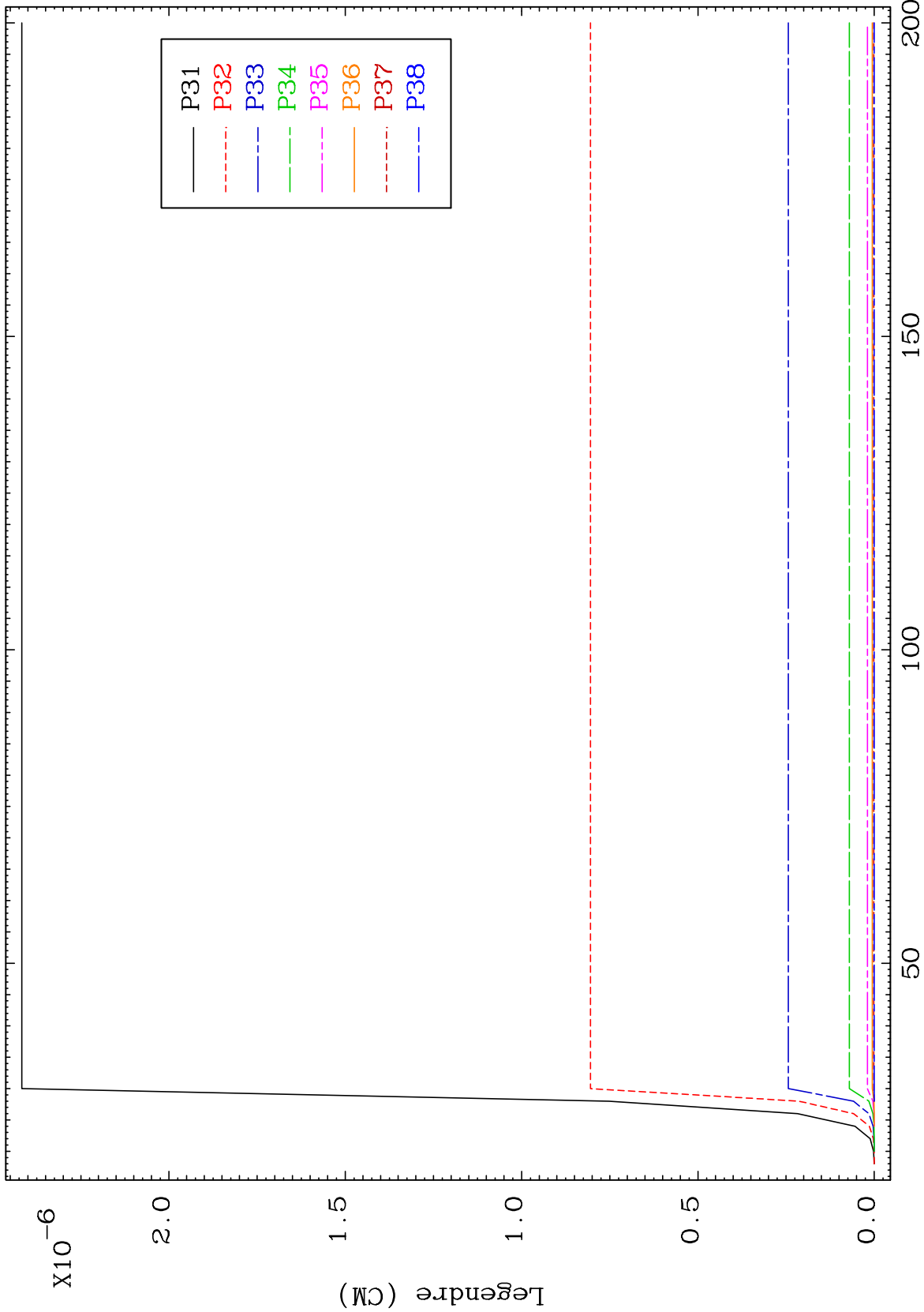
Incident Energy (MeV)

78-Pt-195

MAT 7840

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

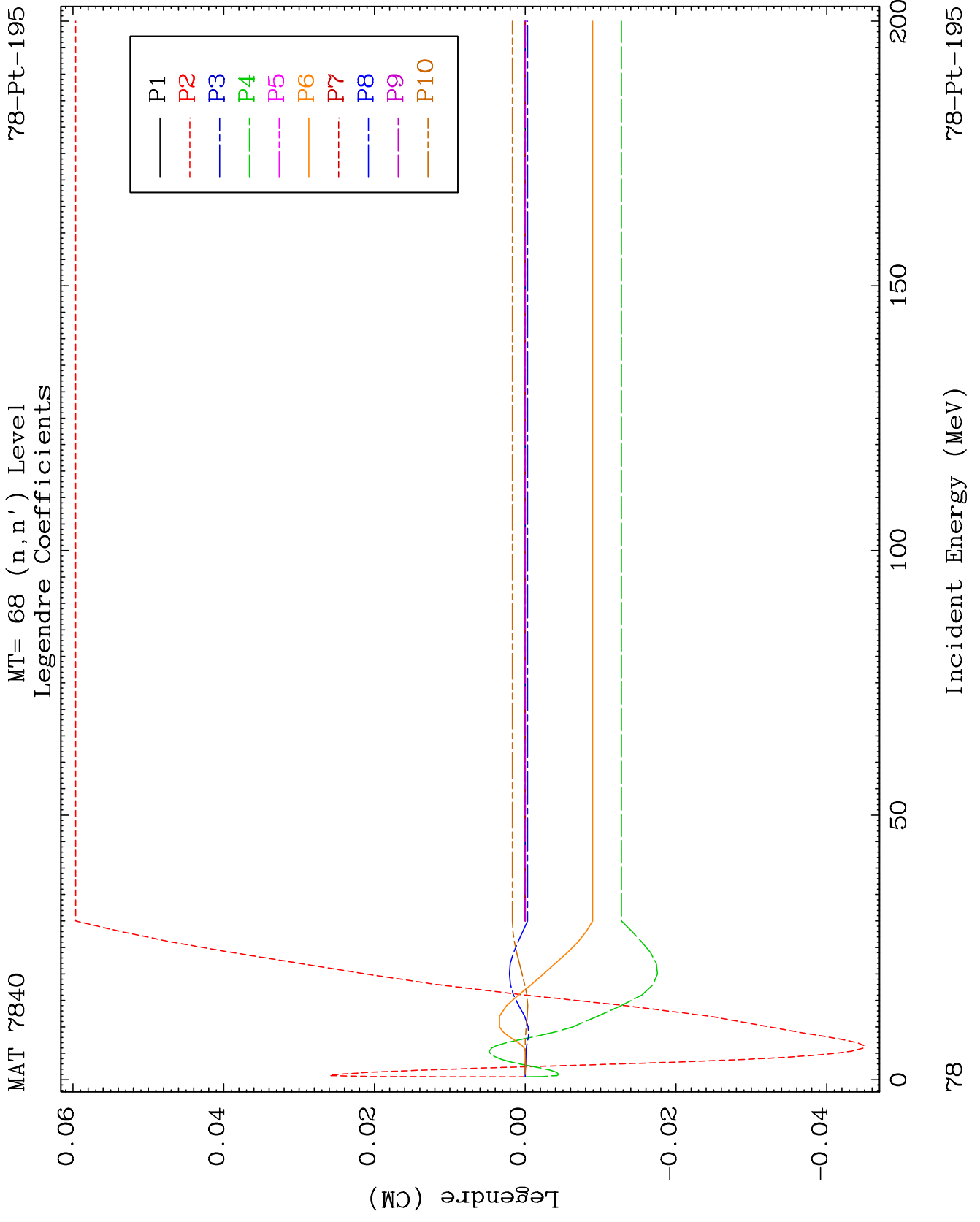
78-Pt-195

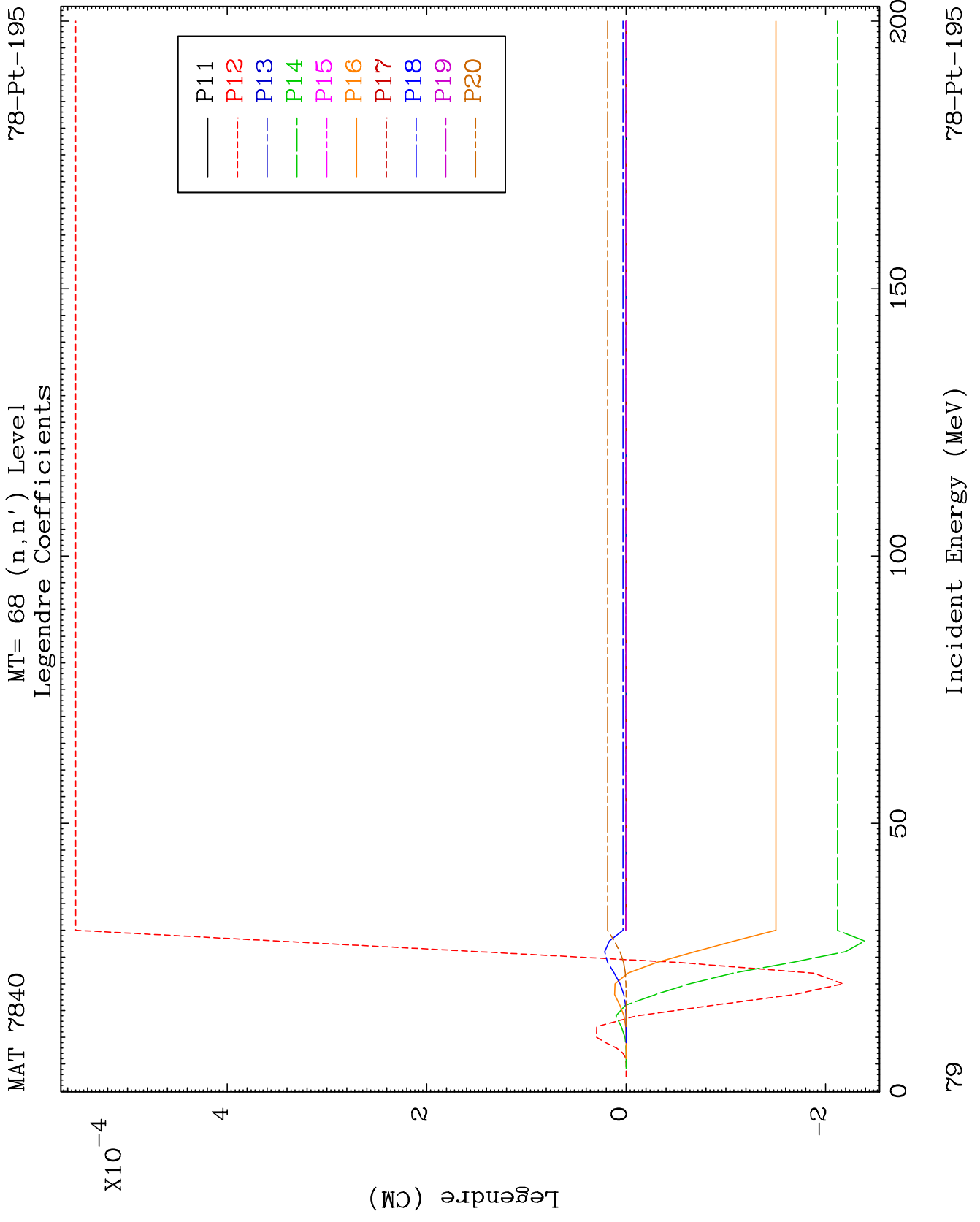


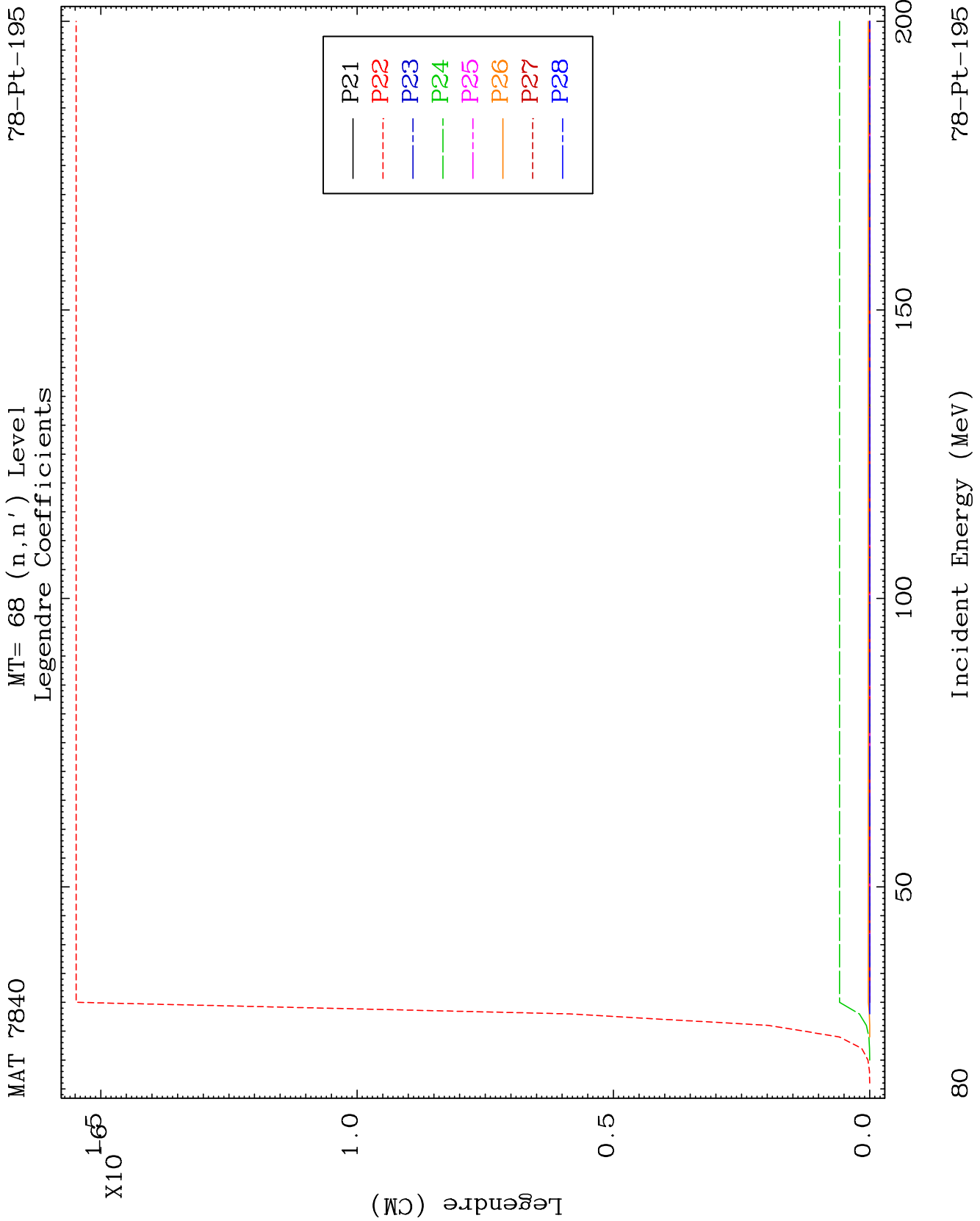
77

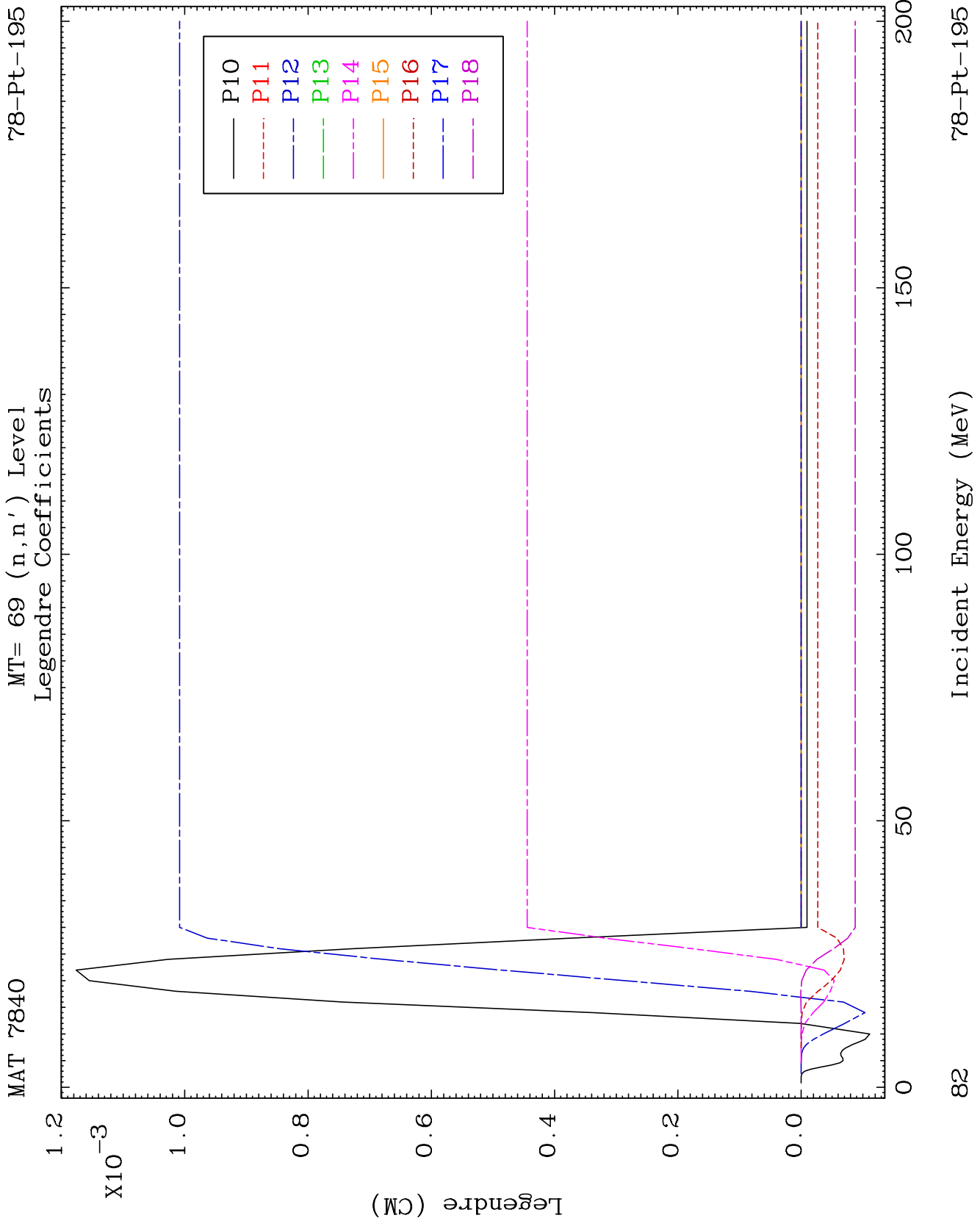
Incident Energy (MeV)

78-Pt-195





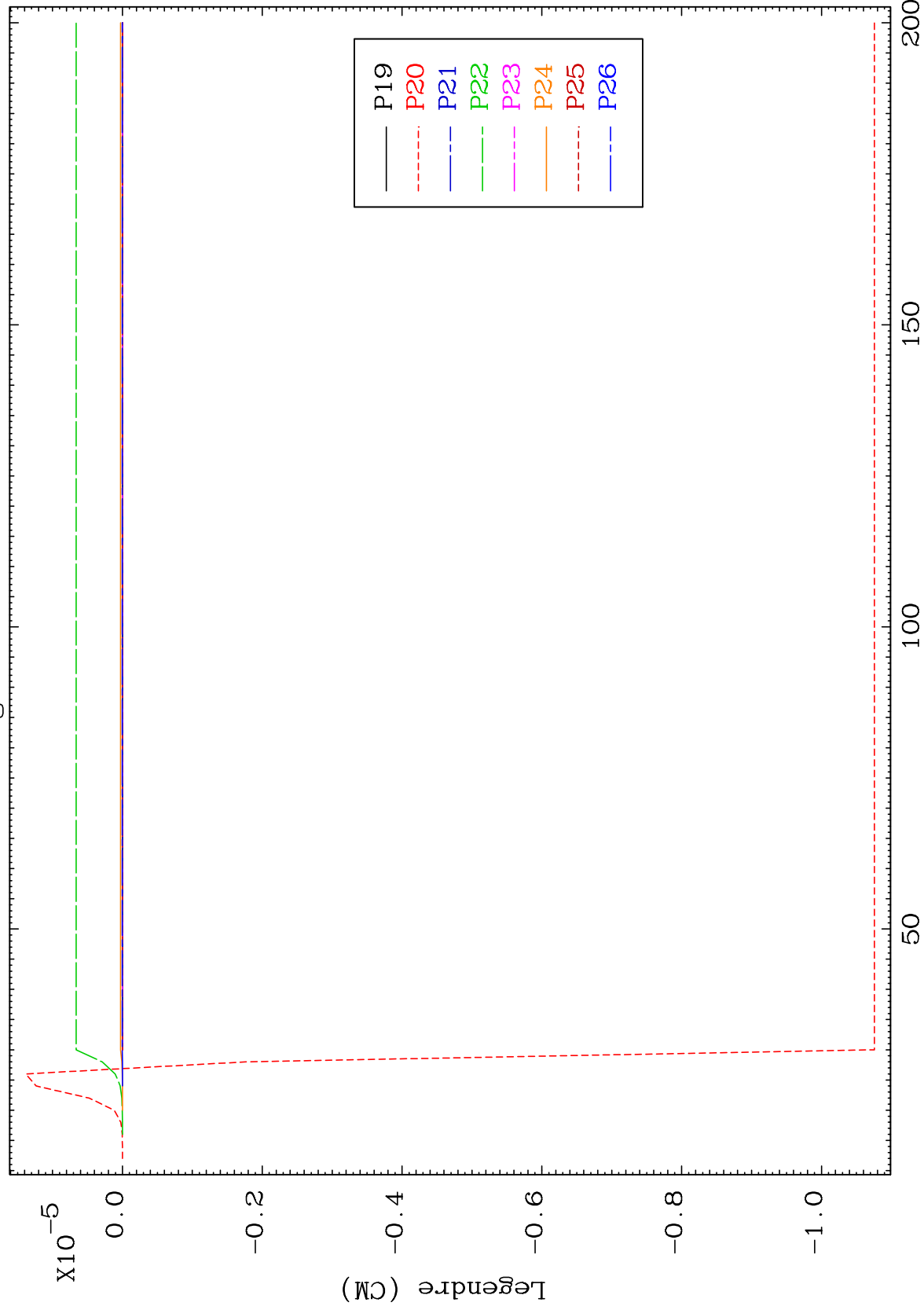


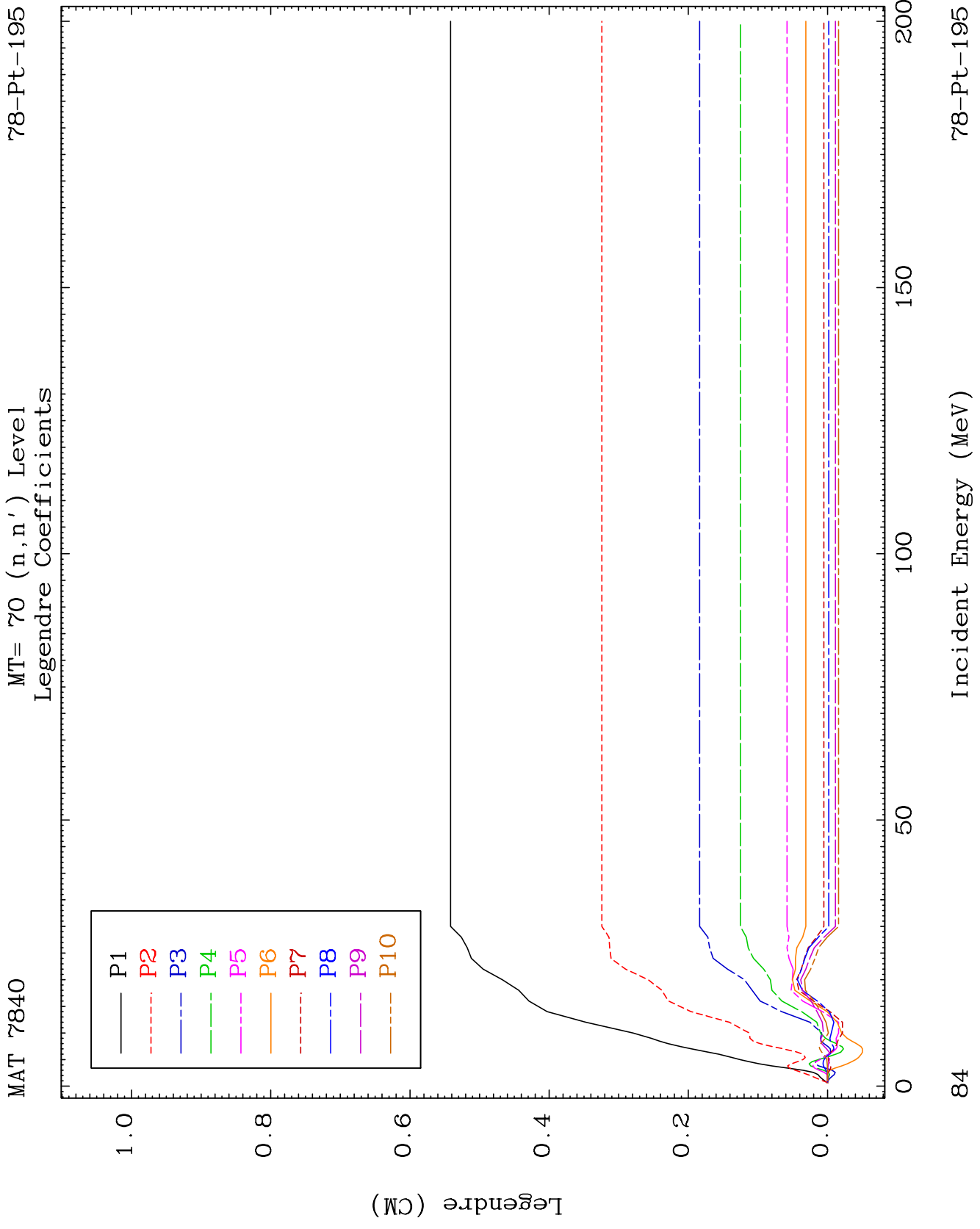


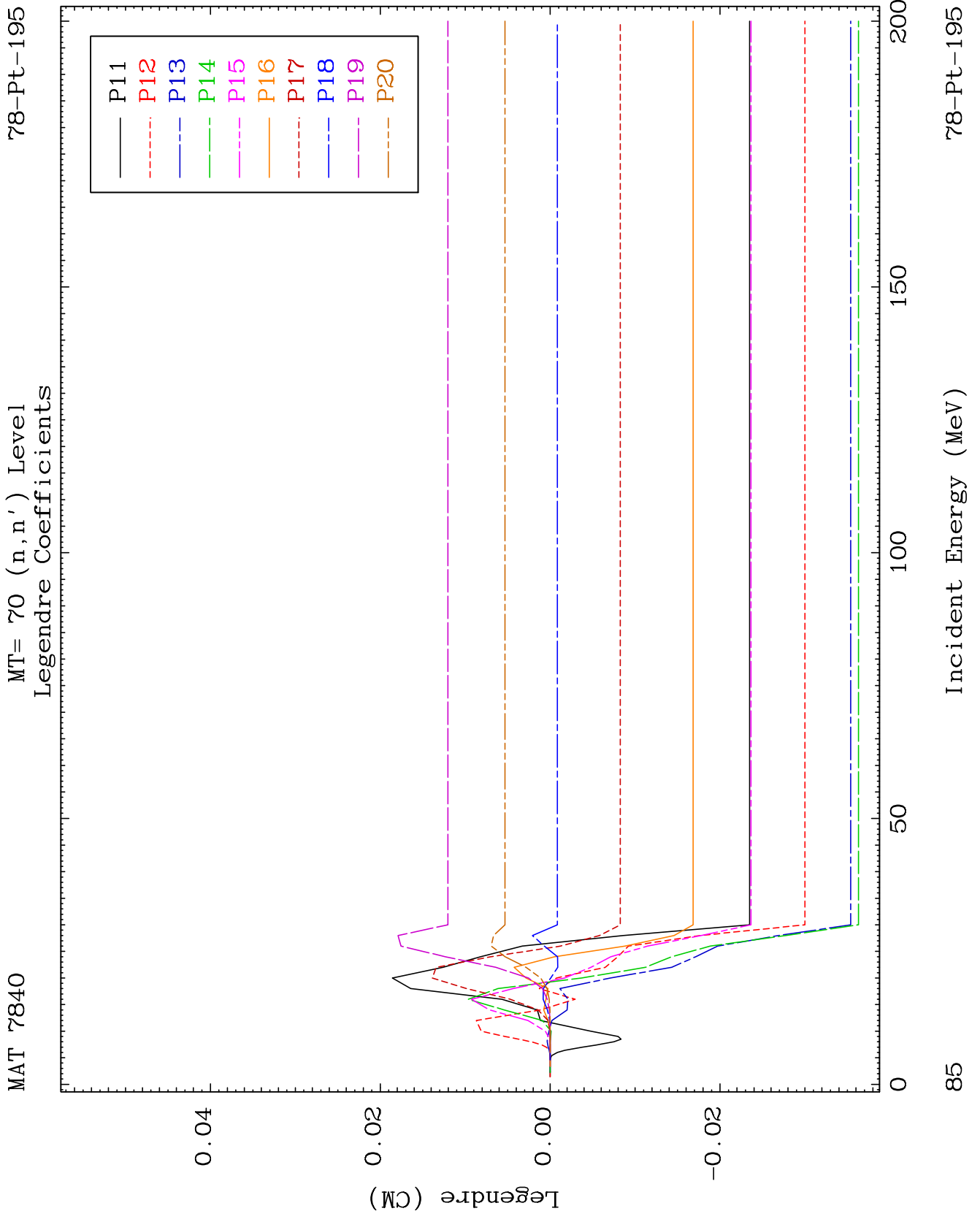
MAT 7840

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

78-Pt-195



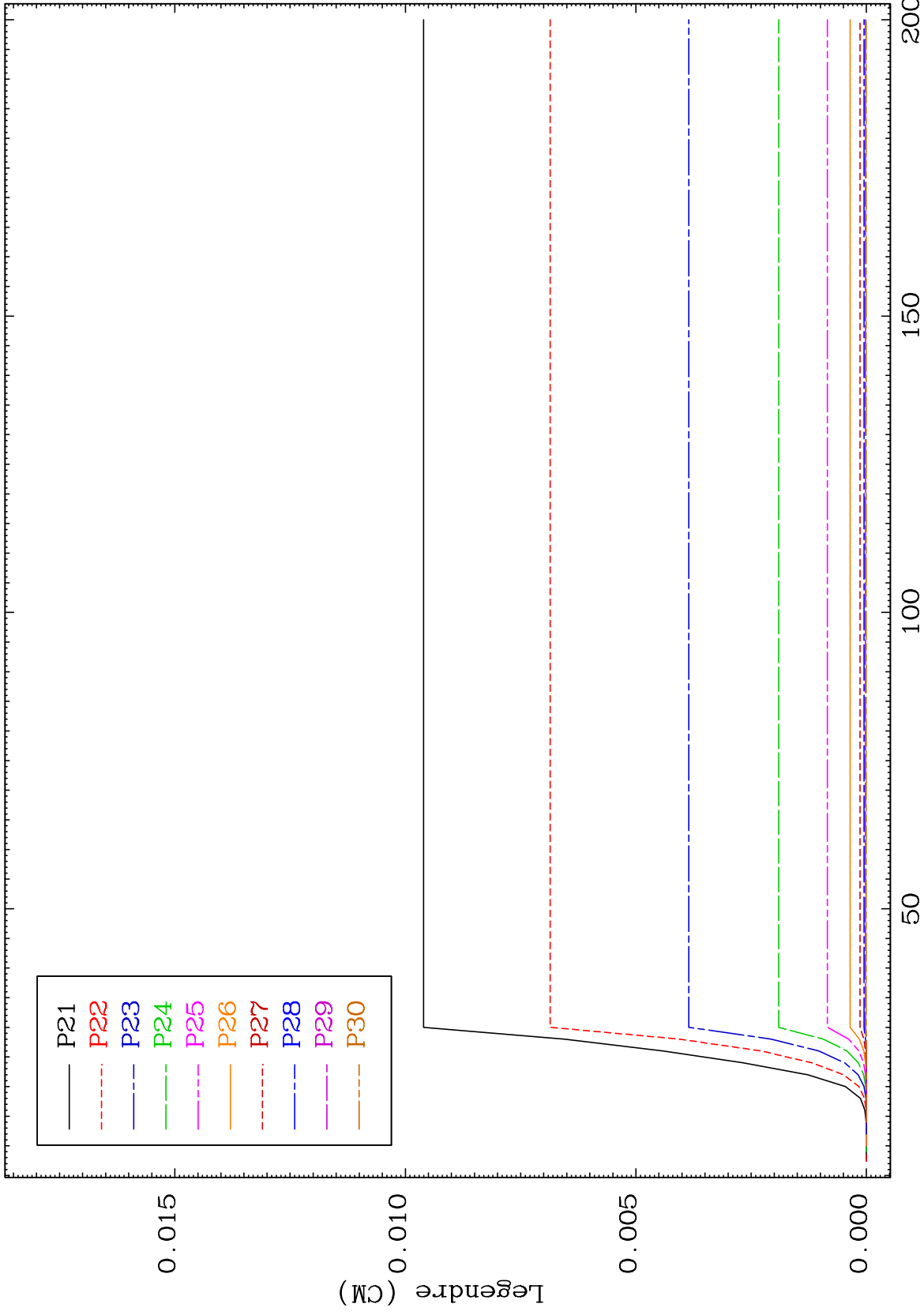




MAT 7840

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

78-Pt-195



86

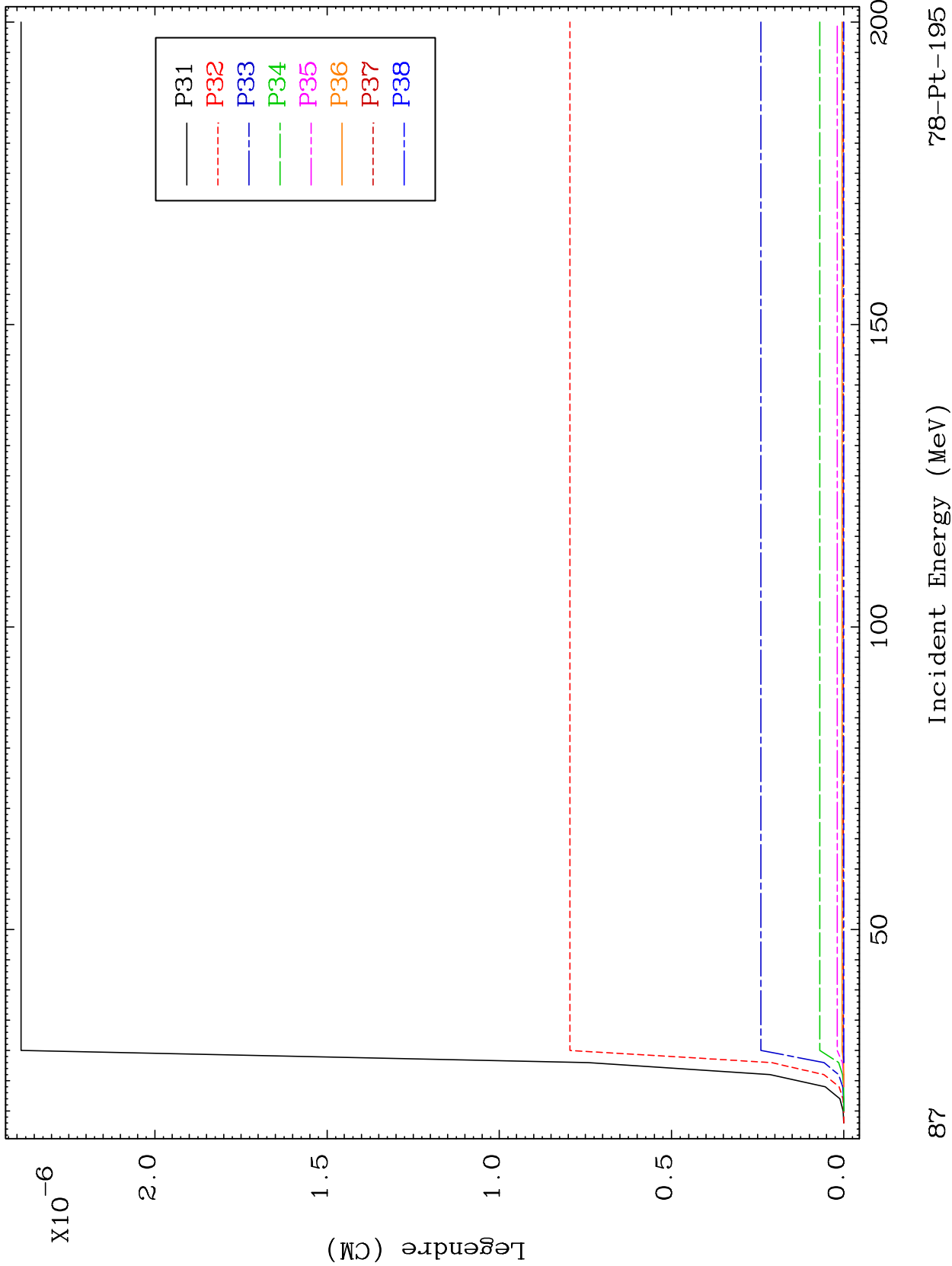
Incident Energy (MeV)

78-Pt-195

MAT 7840

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

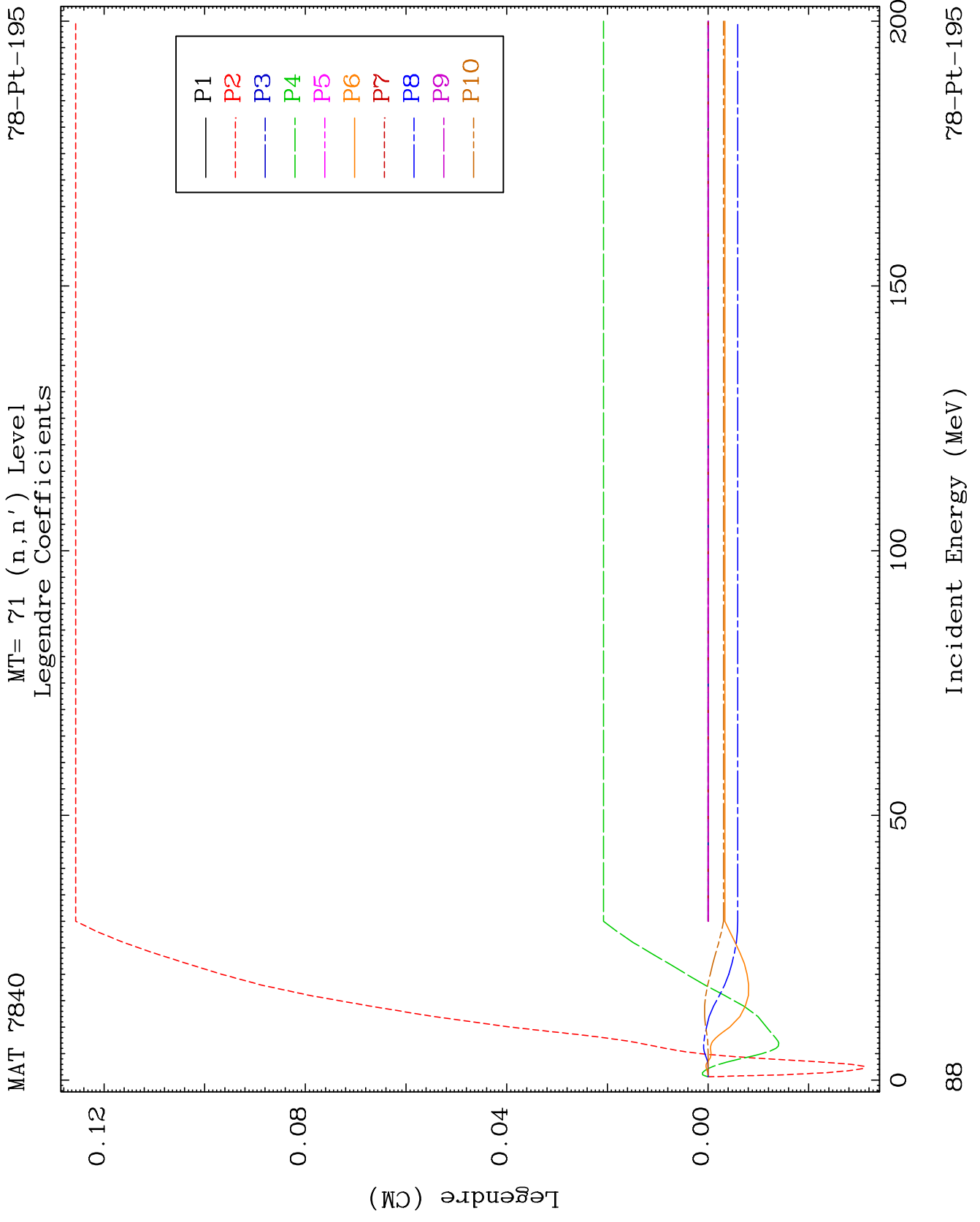
78-Pt-195



87

Incident Energy (MeV)

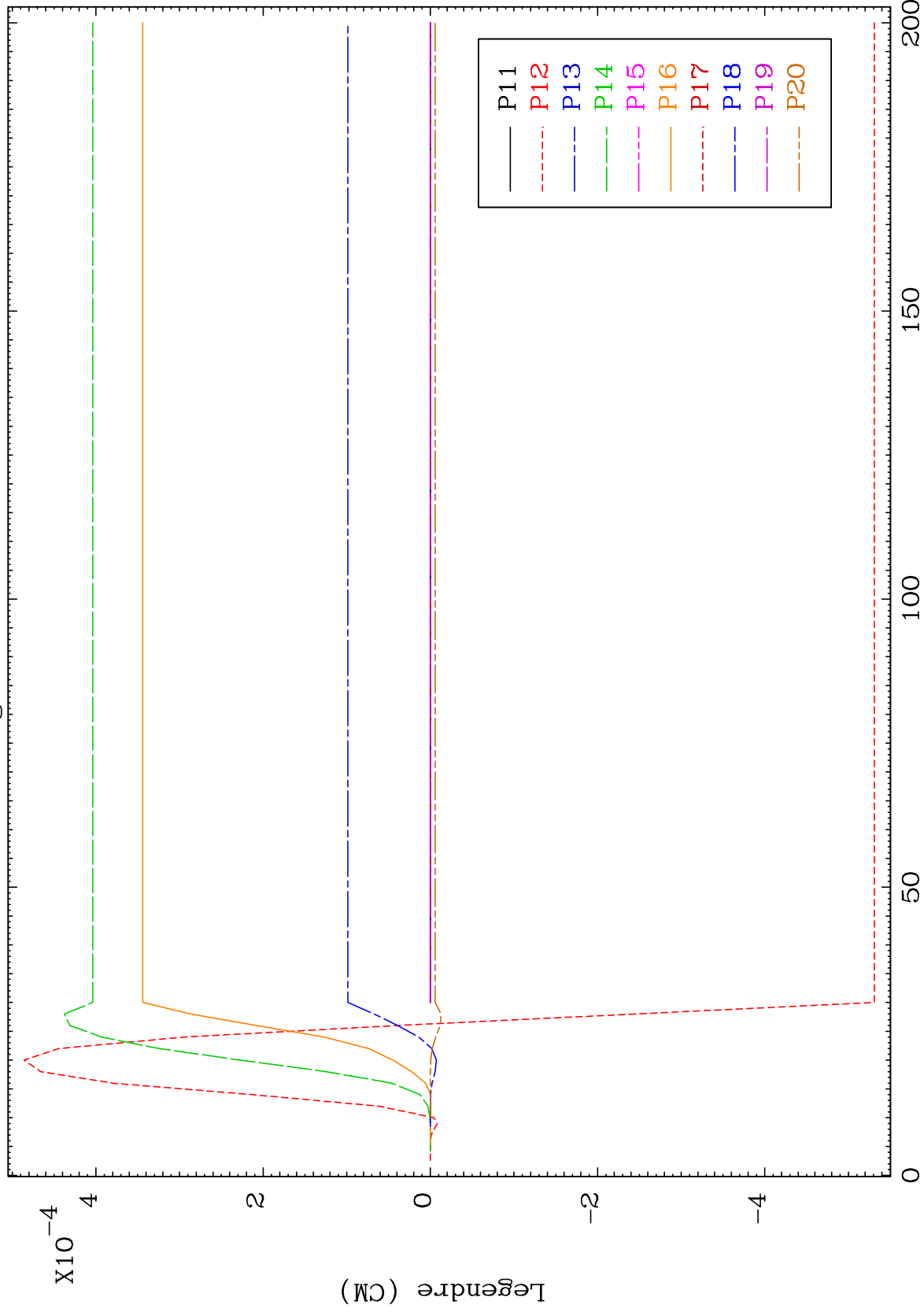
78-Pt-195



MAT 7840

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

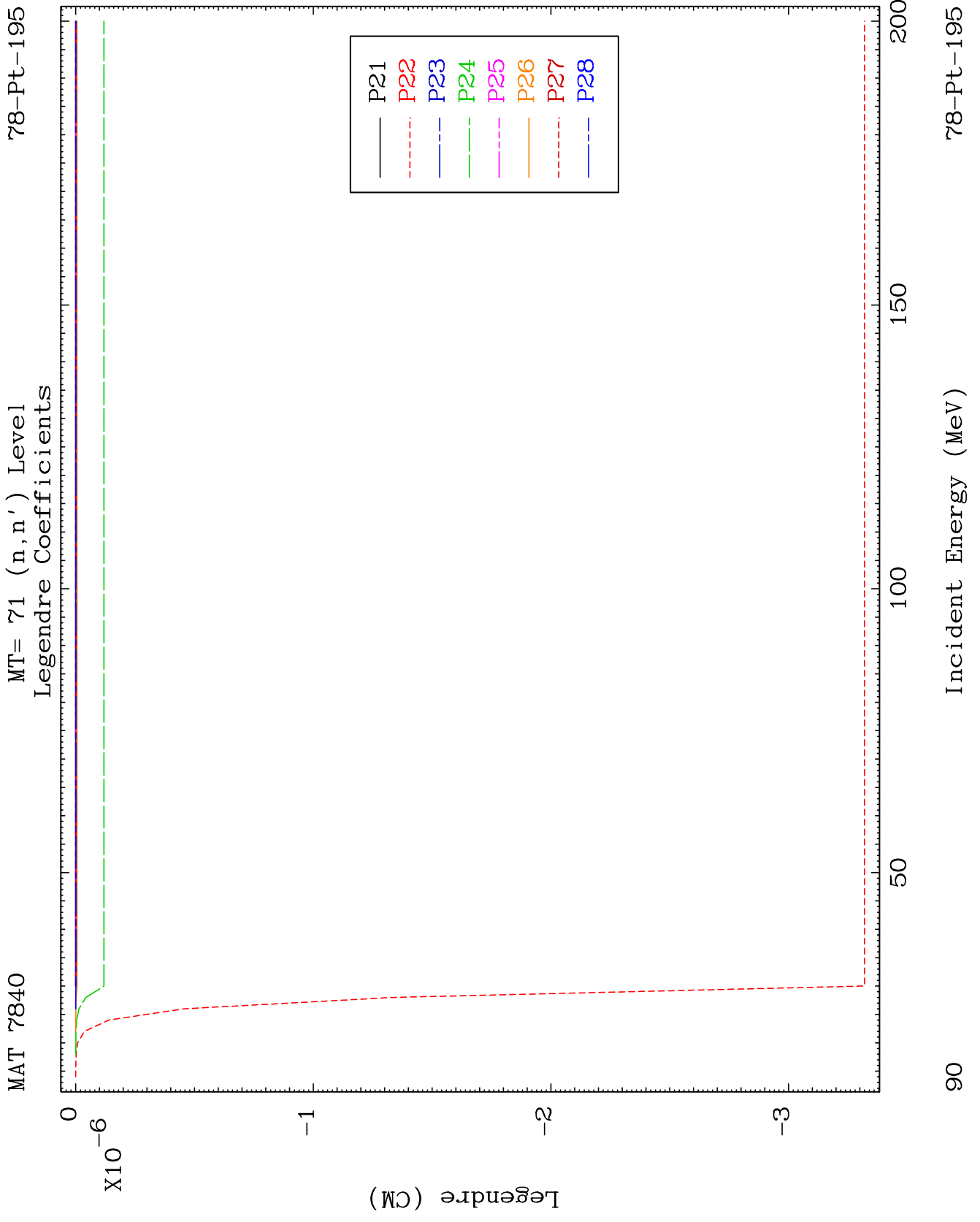
78-Pt-195

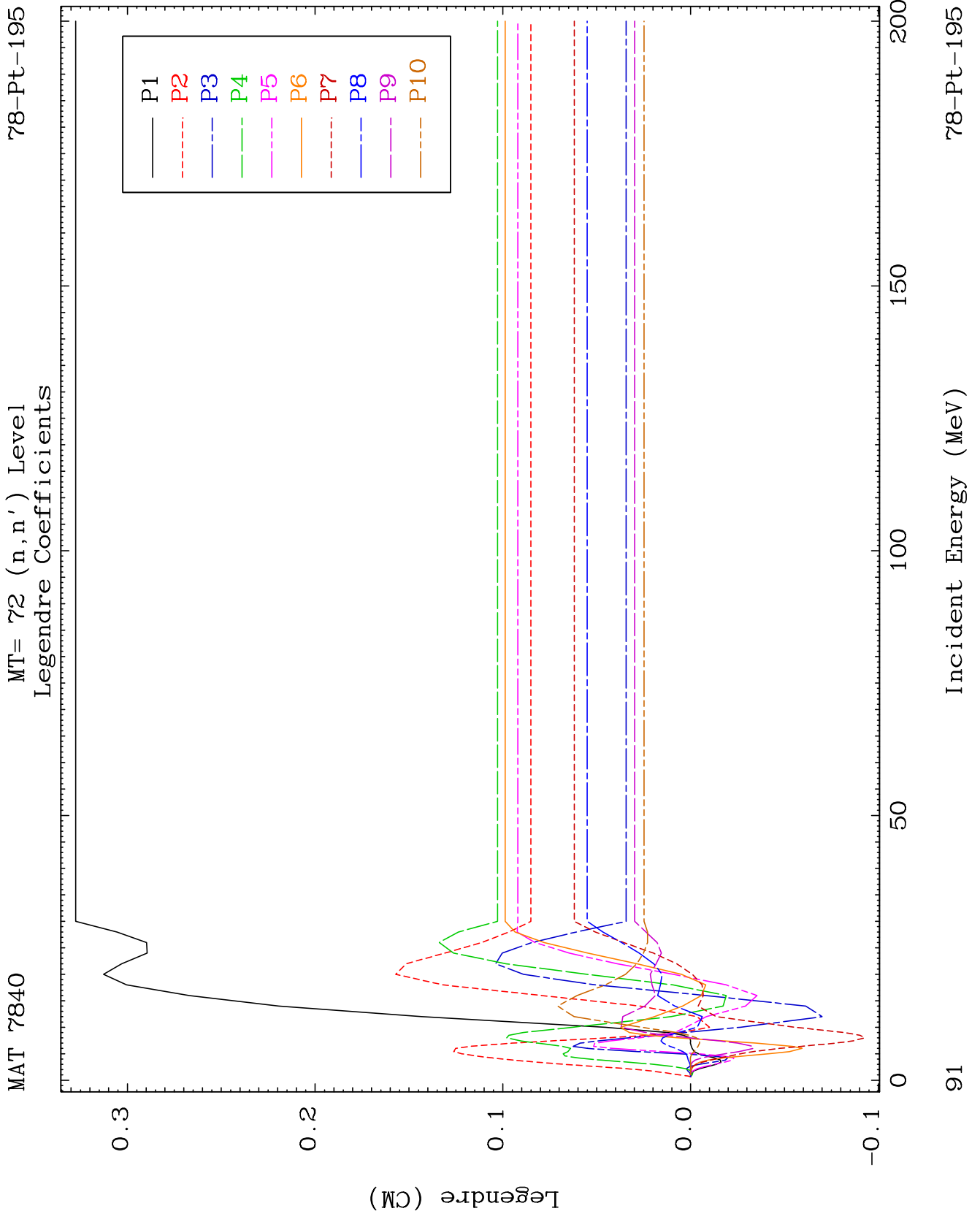


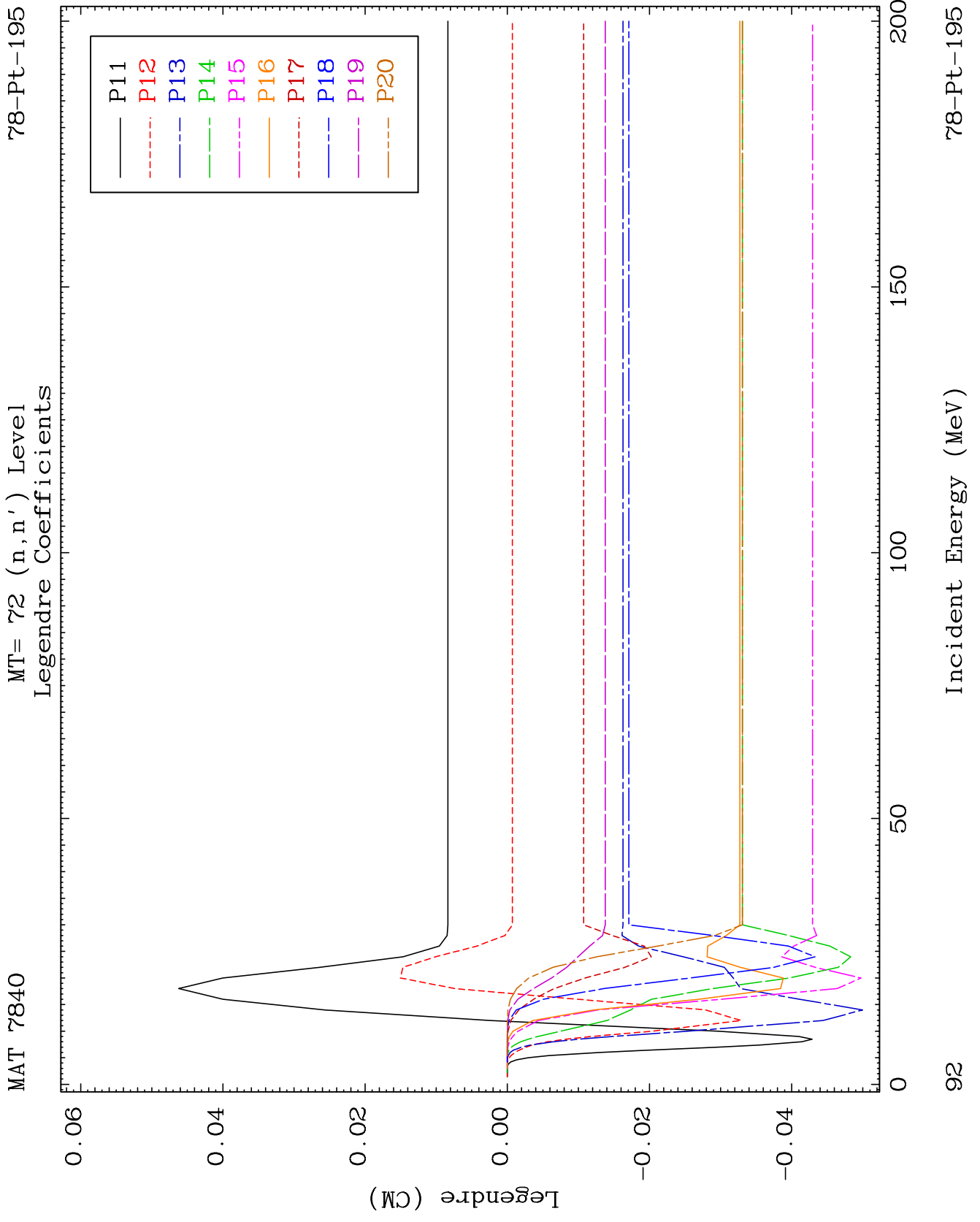
89

Incident Energy (MeV)

78-Pt-195



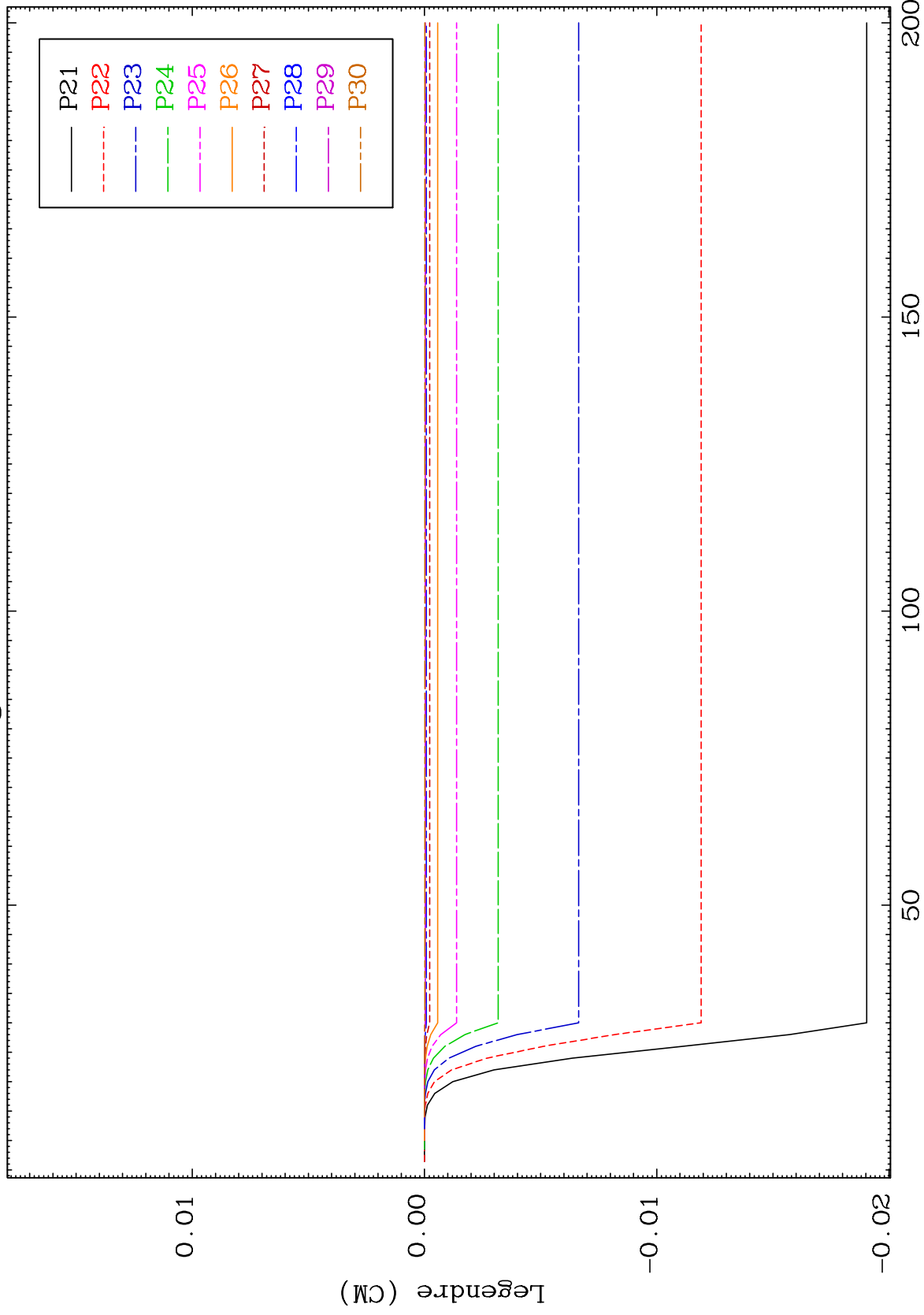




MAT 7840

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

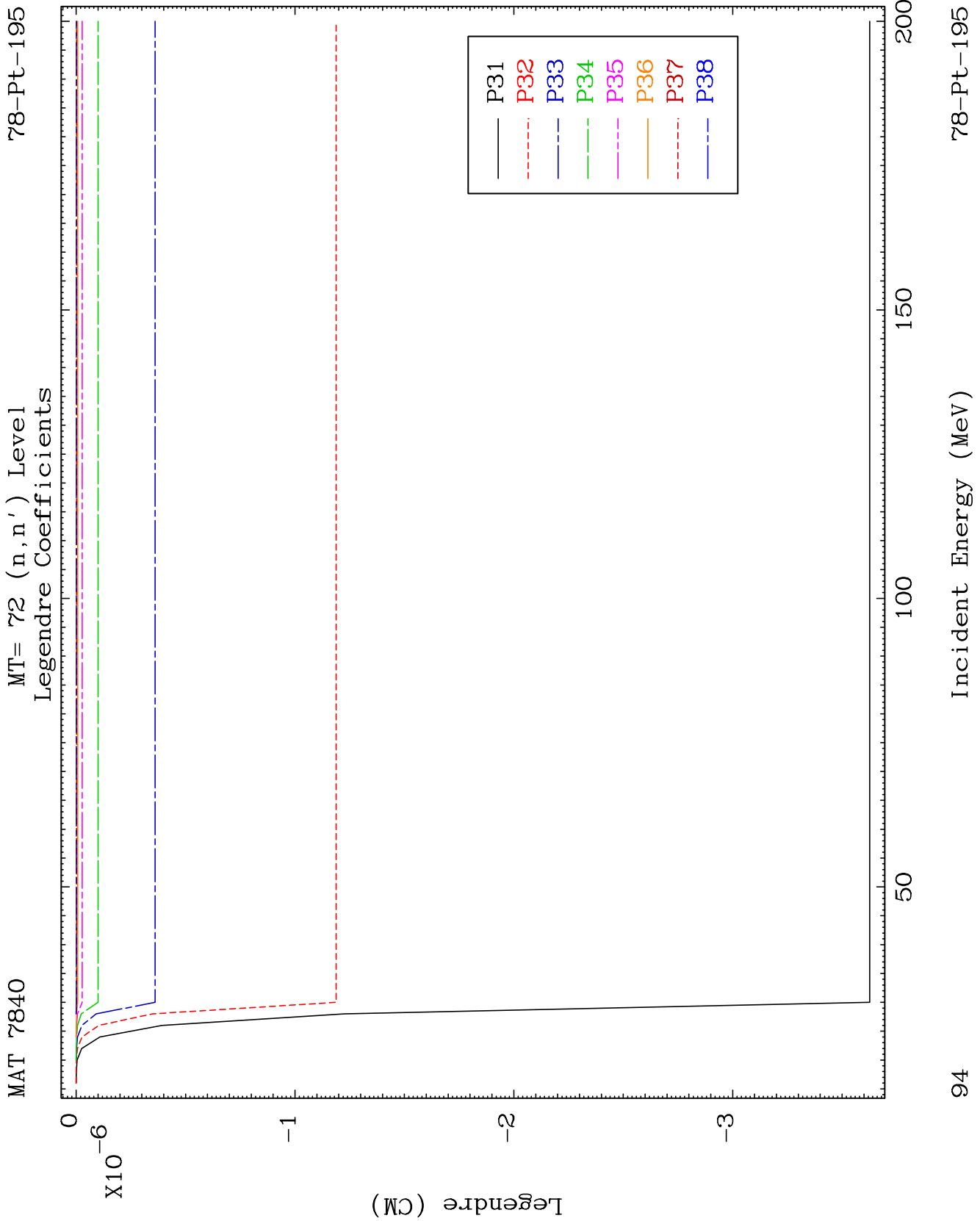
78-Pt-195

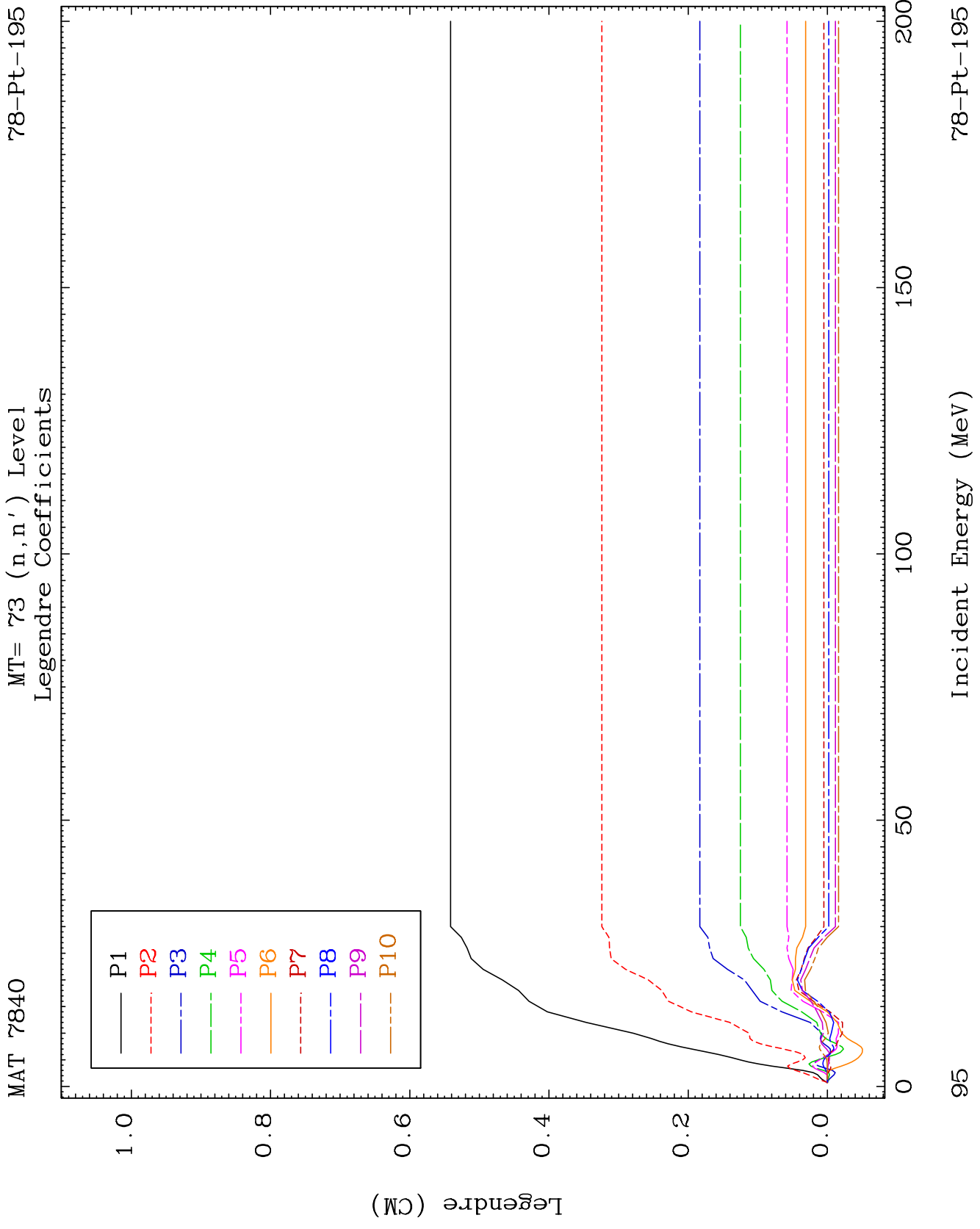


93

Incident Energy (MeV)

78-Pt-195

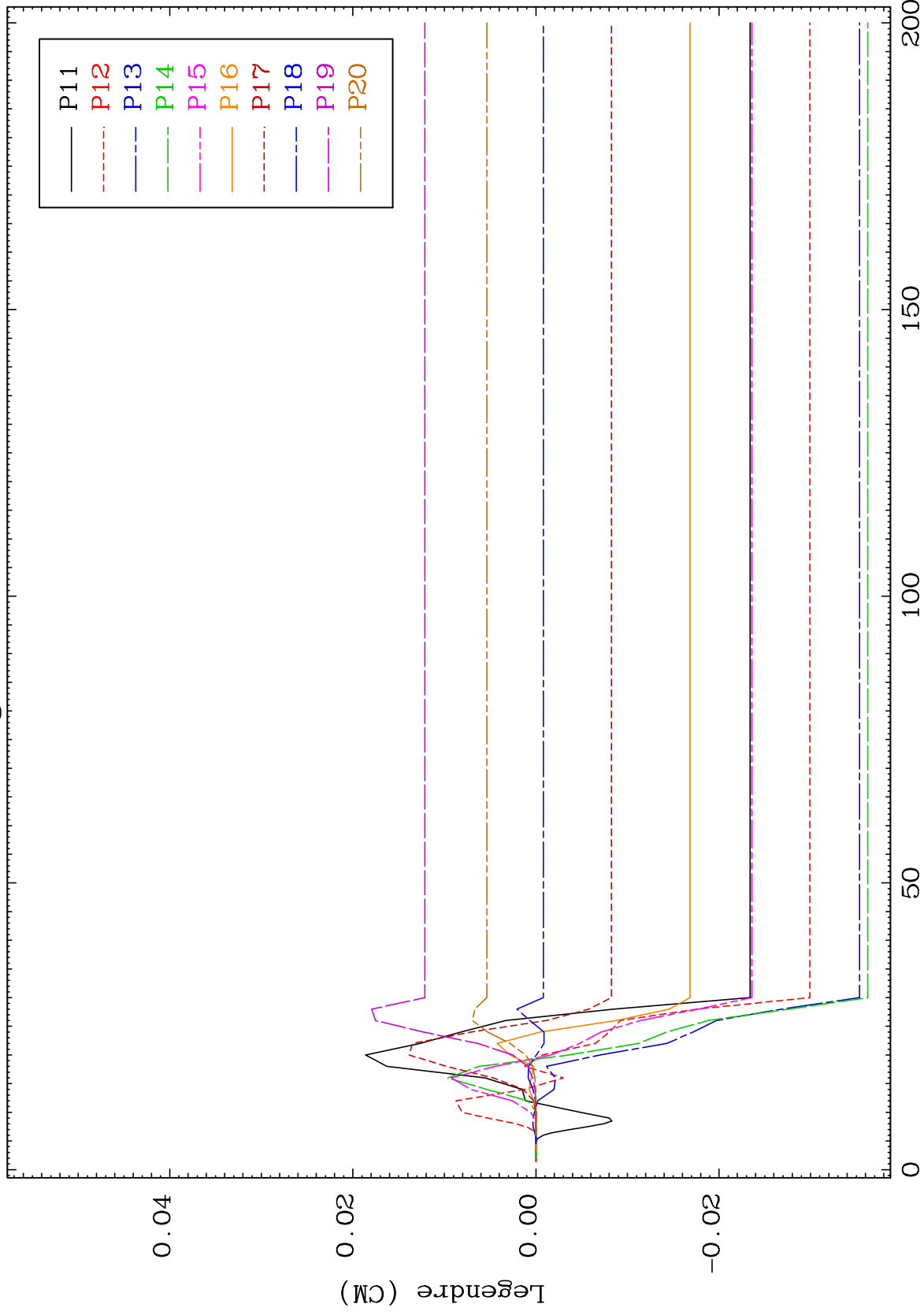




MAT 7840

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

78-Pt-195



96

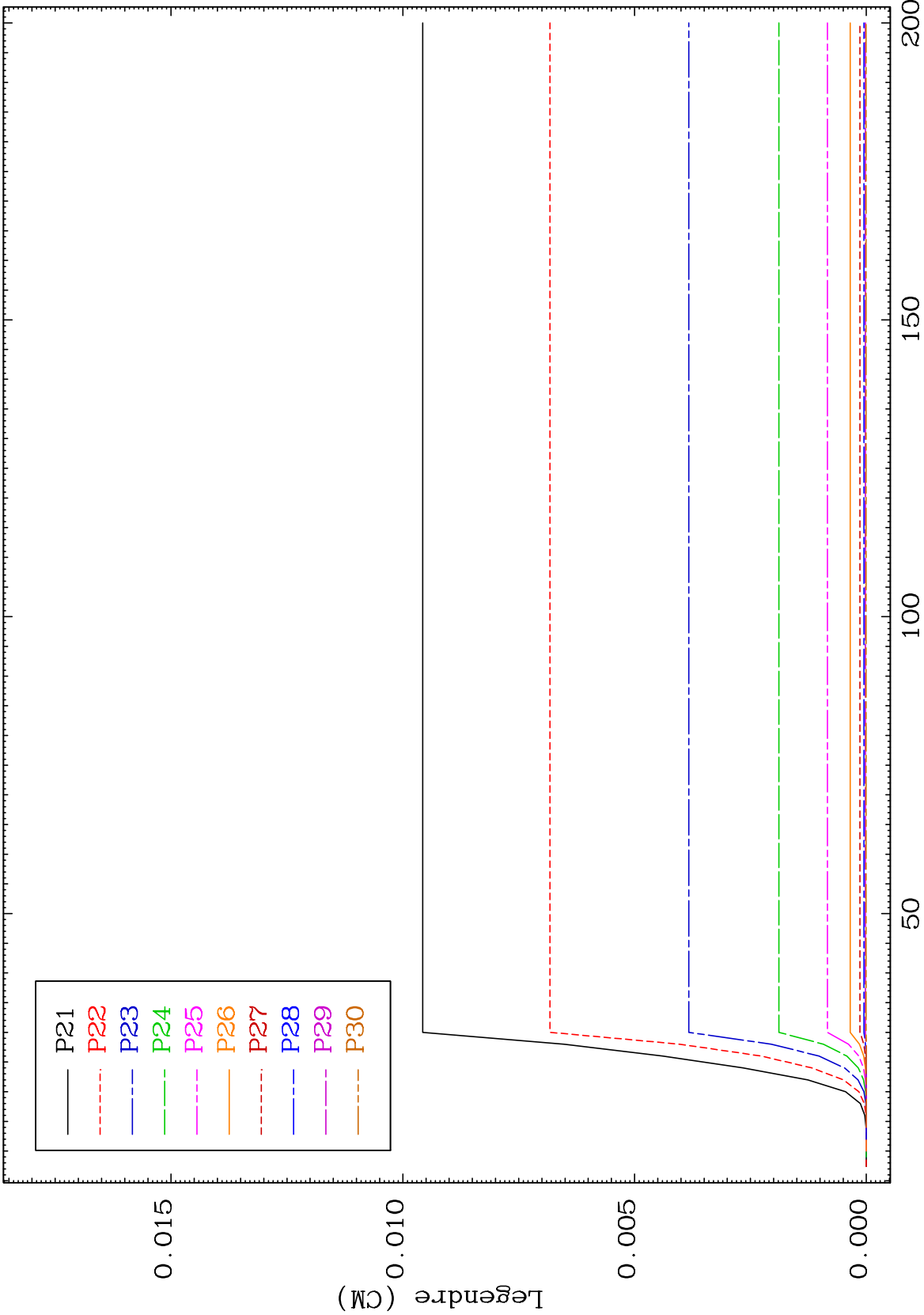
Incident Energy (MeV)

78-Pt-195

MAT 7840

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

78-Pt-195



97

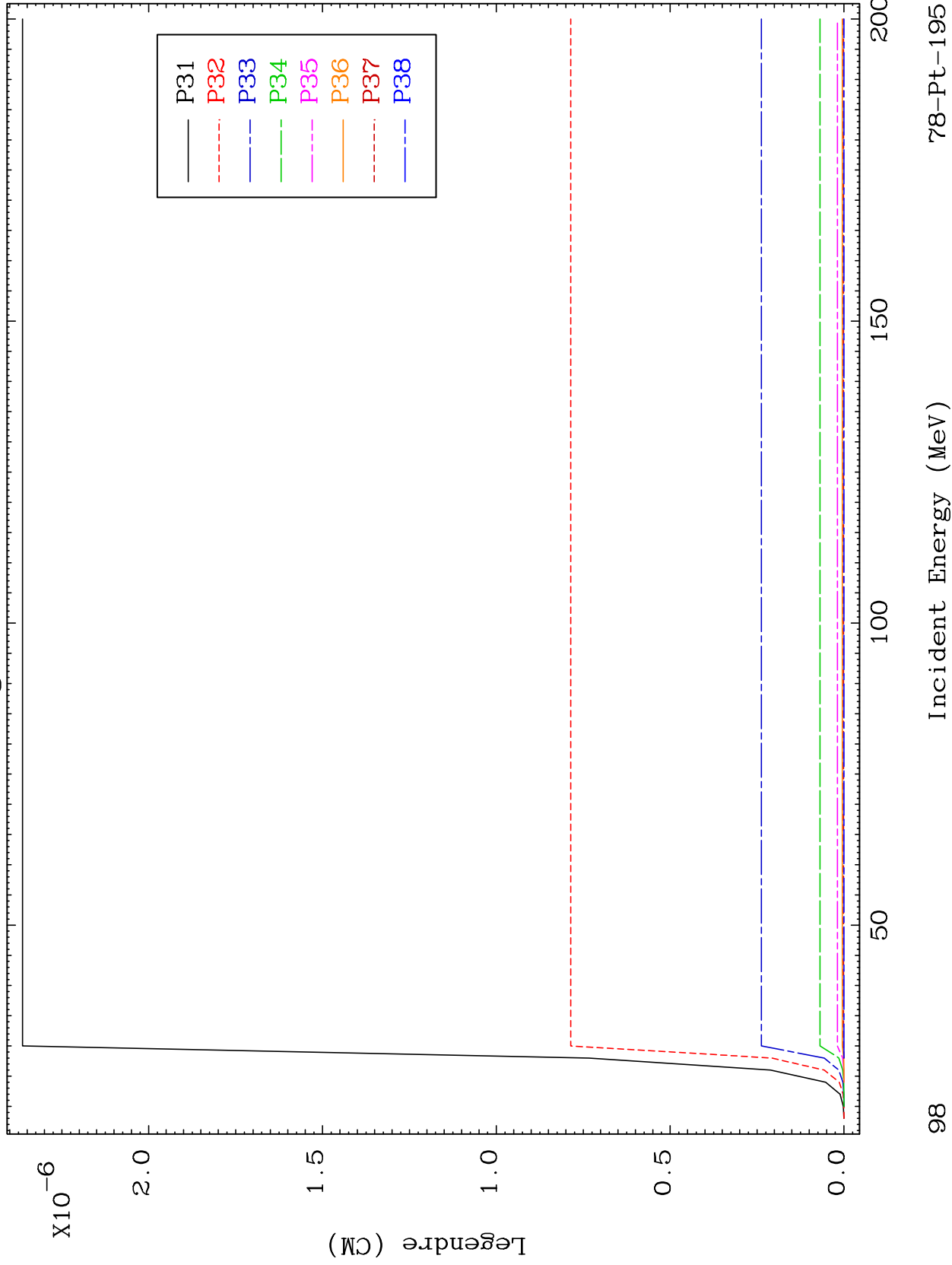
Incident Energy (MeV)

78-Pt-195

MAT 7840

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

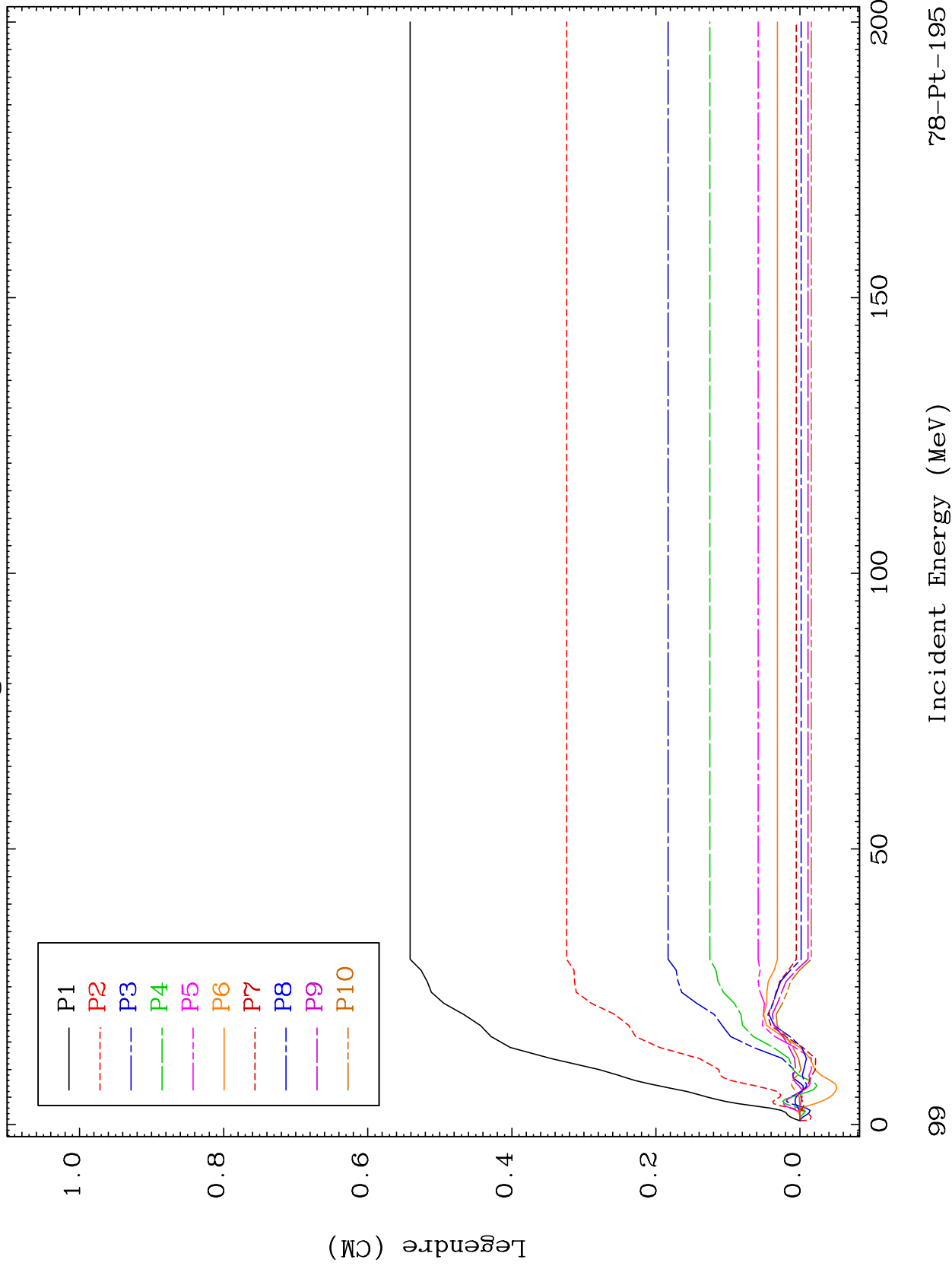
78-Pt-195



MAT 7840

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

78-Pt-195

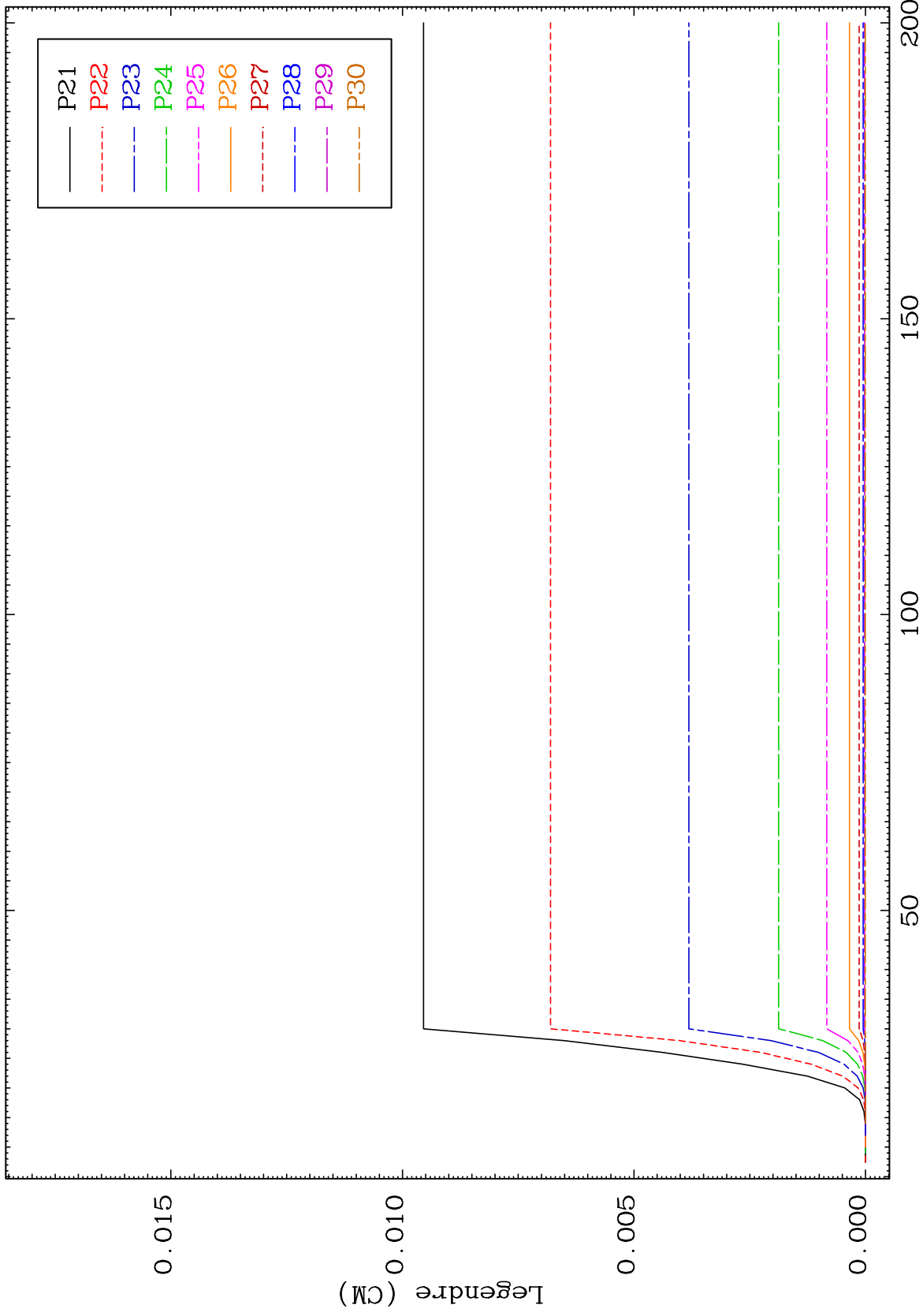


99

MAT 7840

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

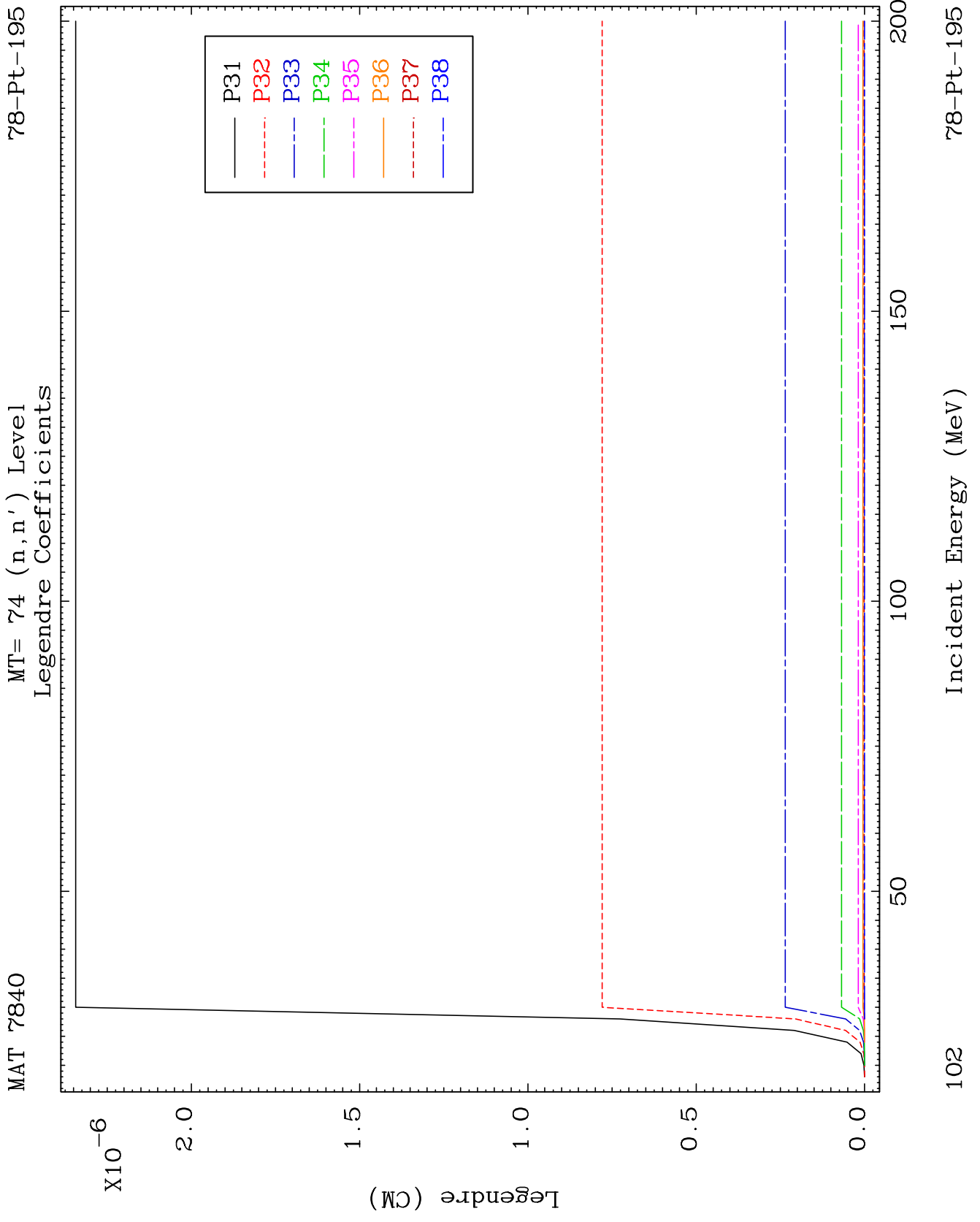
78-Pt-195

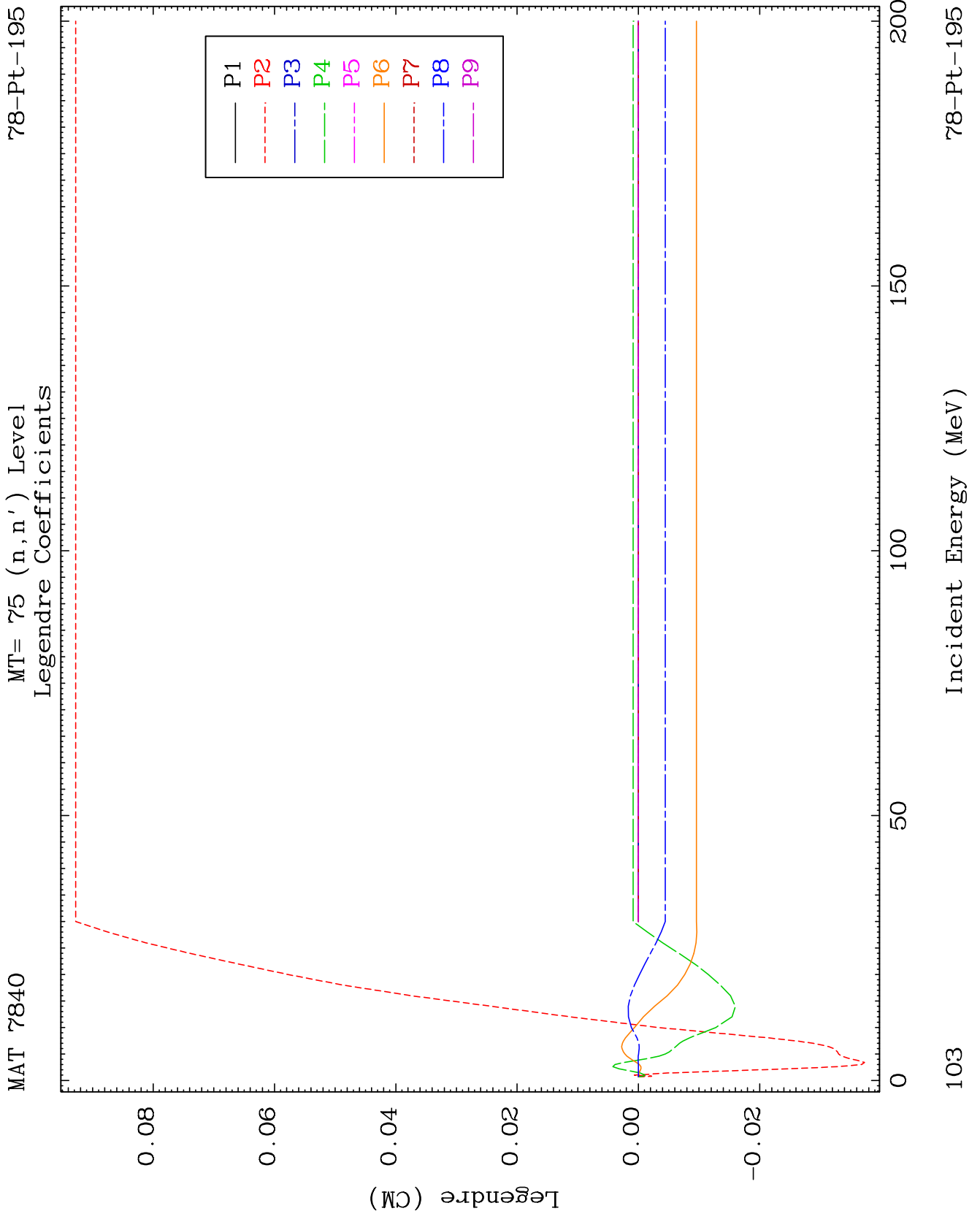


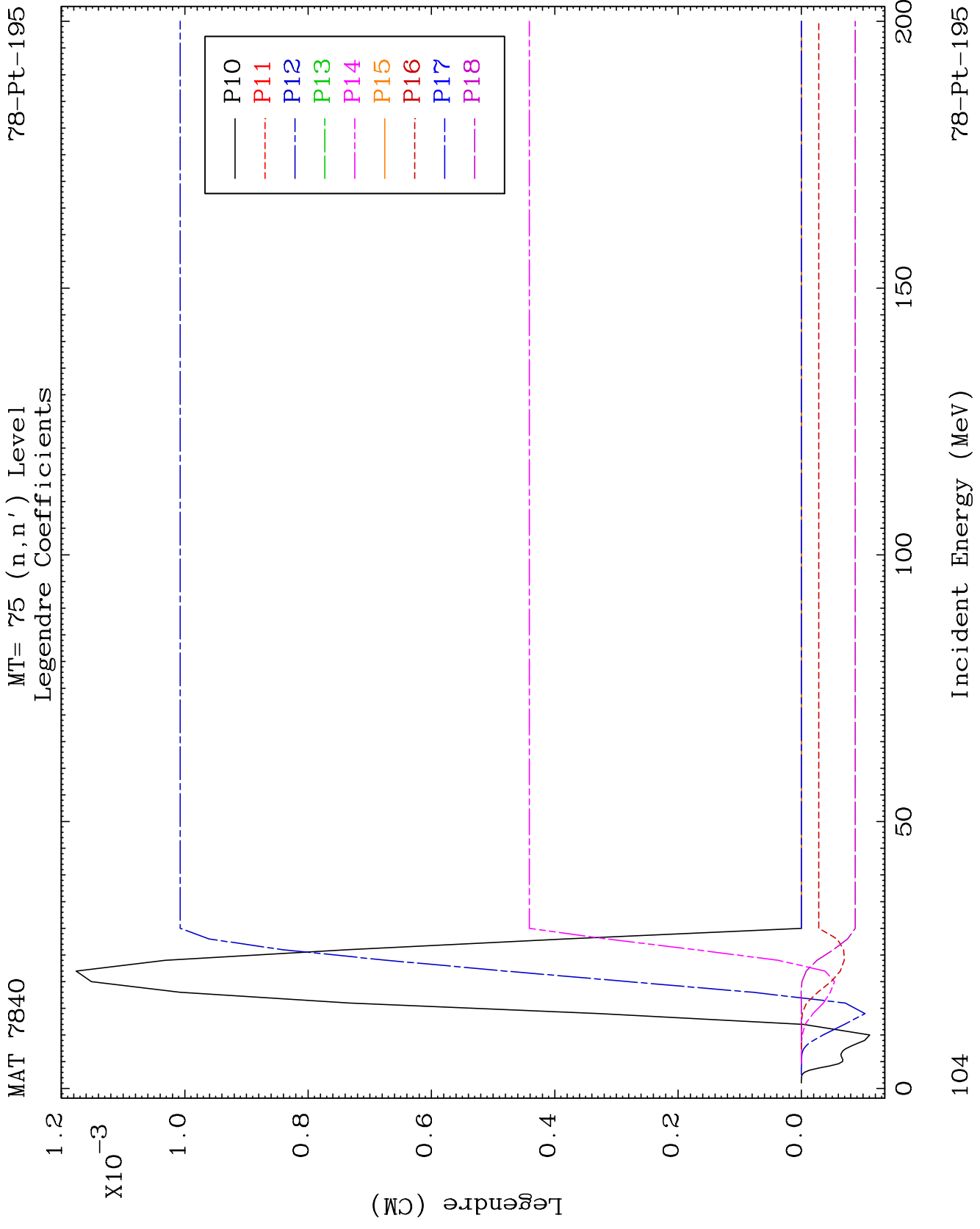
101

Incident Energy (MeV)

78-Pt-195



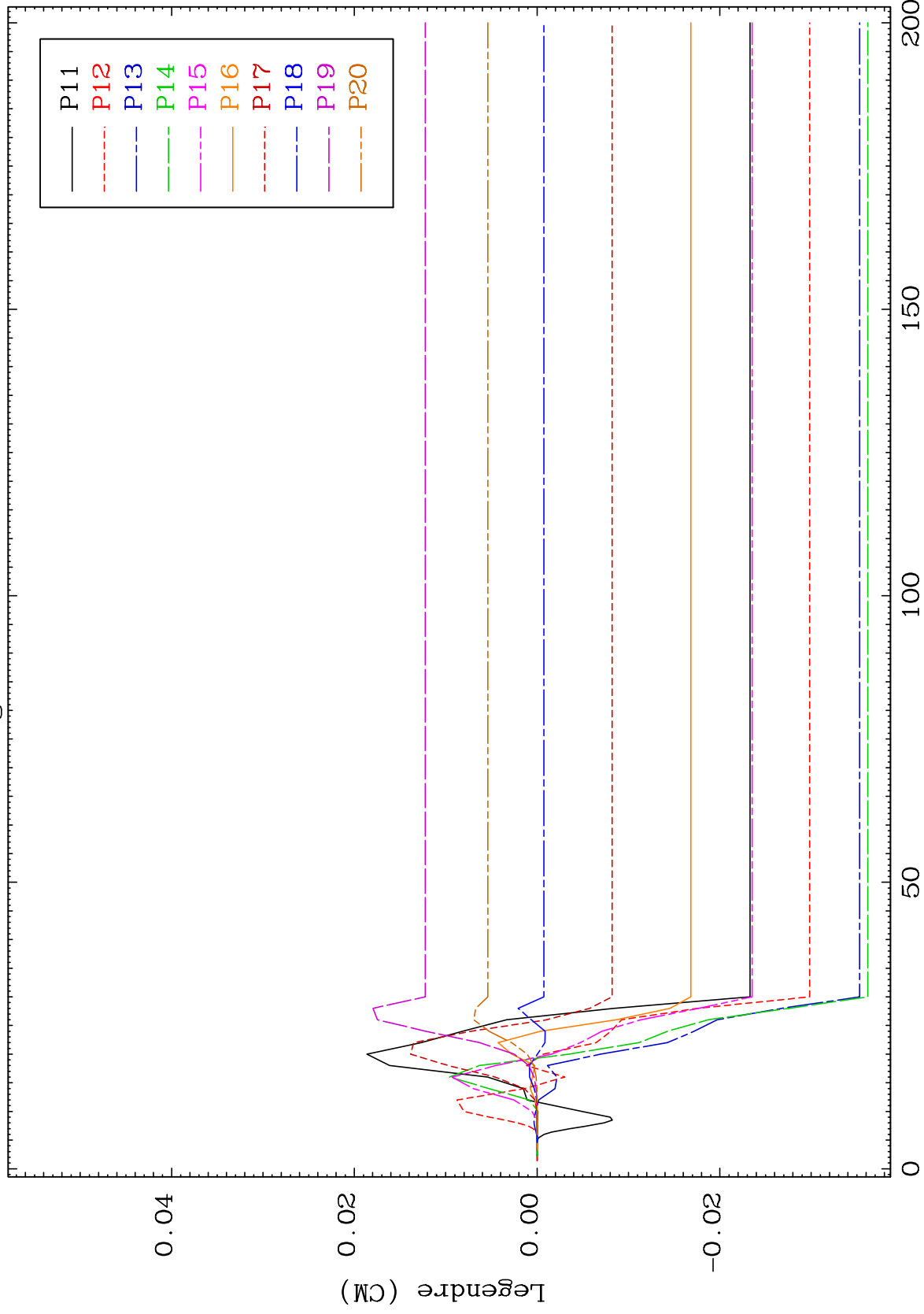




MAT 7840

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

78-Pt-195



107

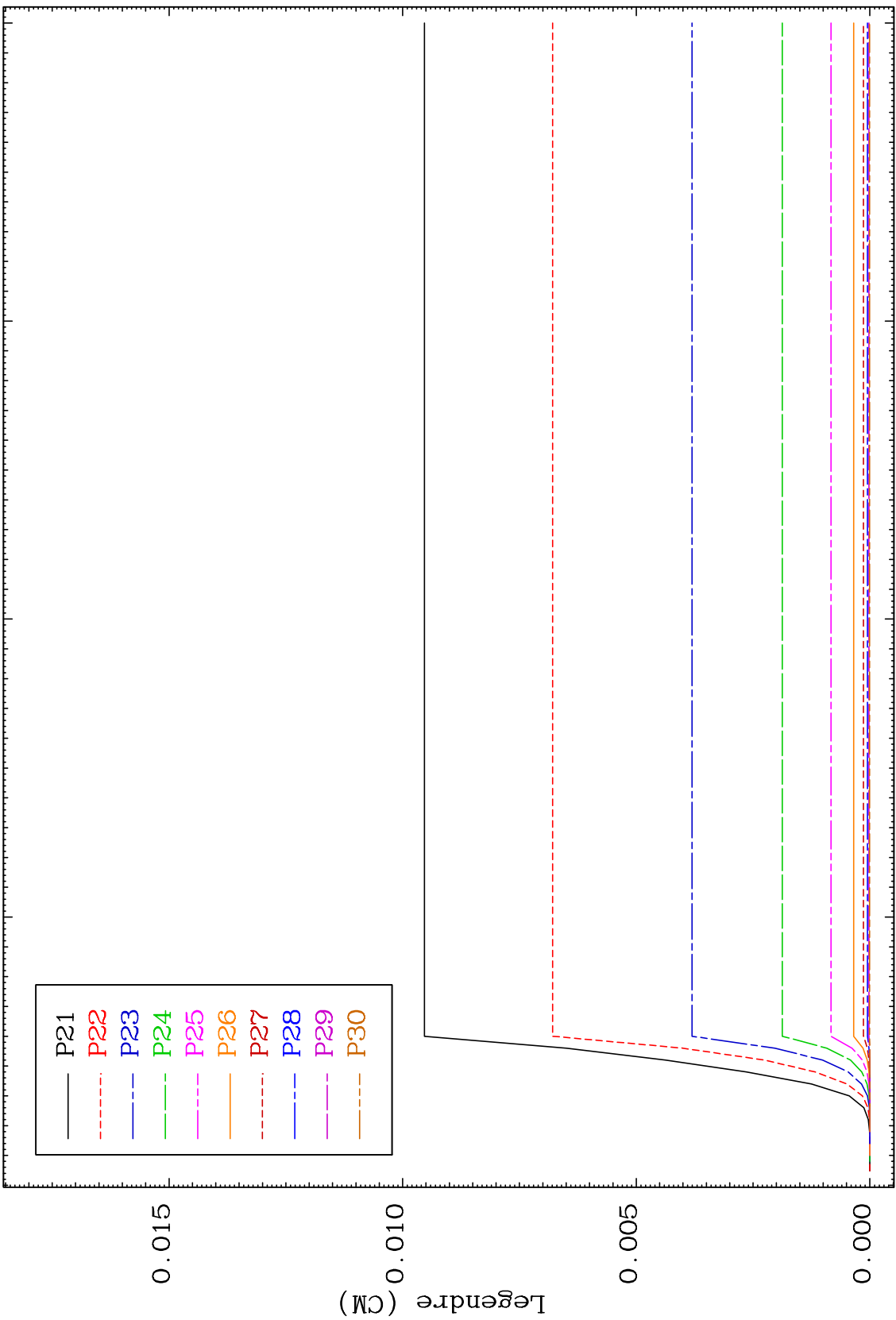
Incident Energy (MeV)

78-Pt-195

MAT 7840

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

78-Pt-195



200

150

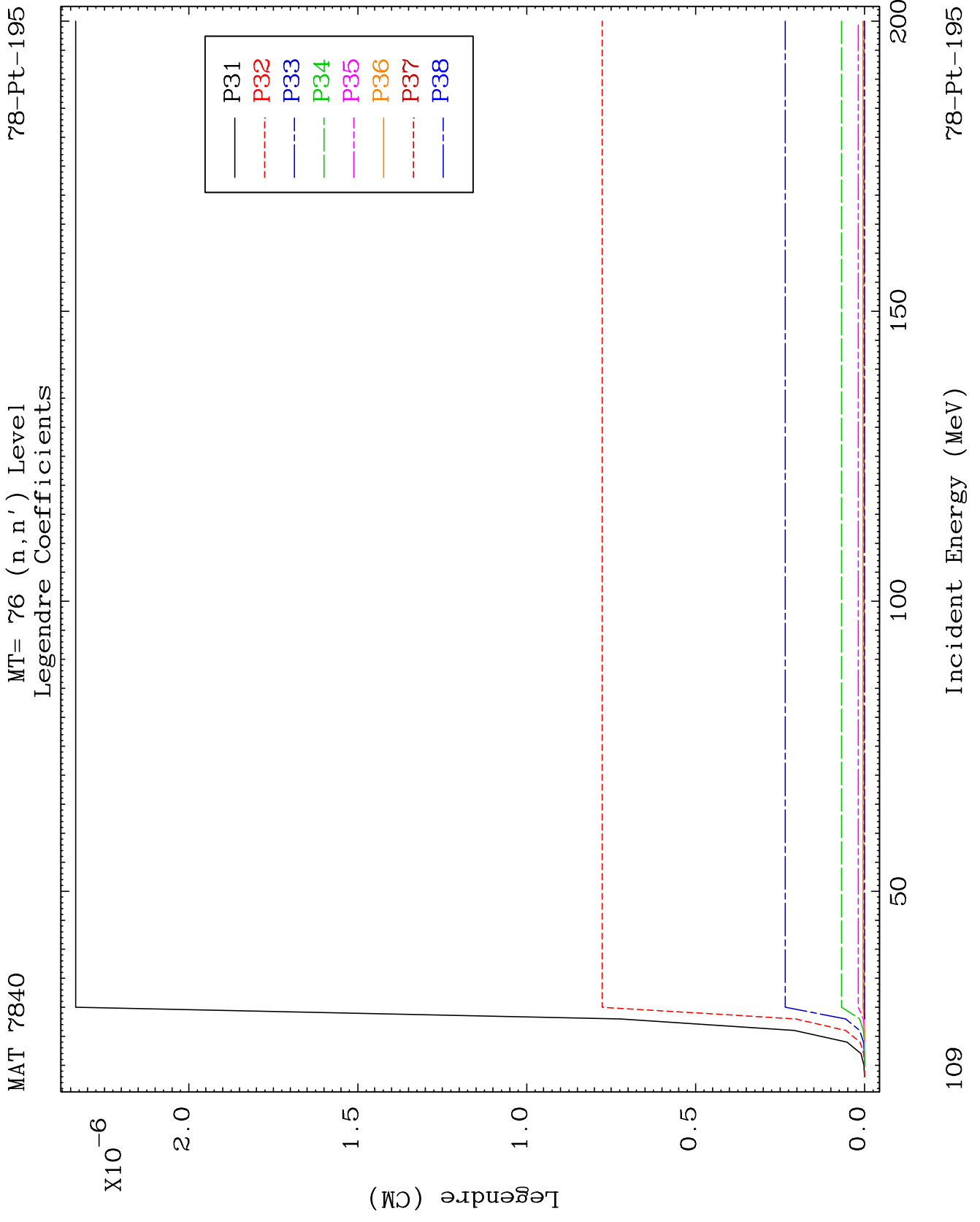
100

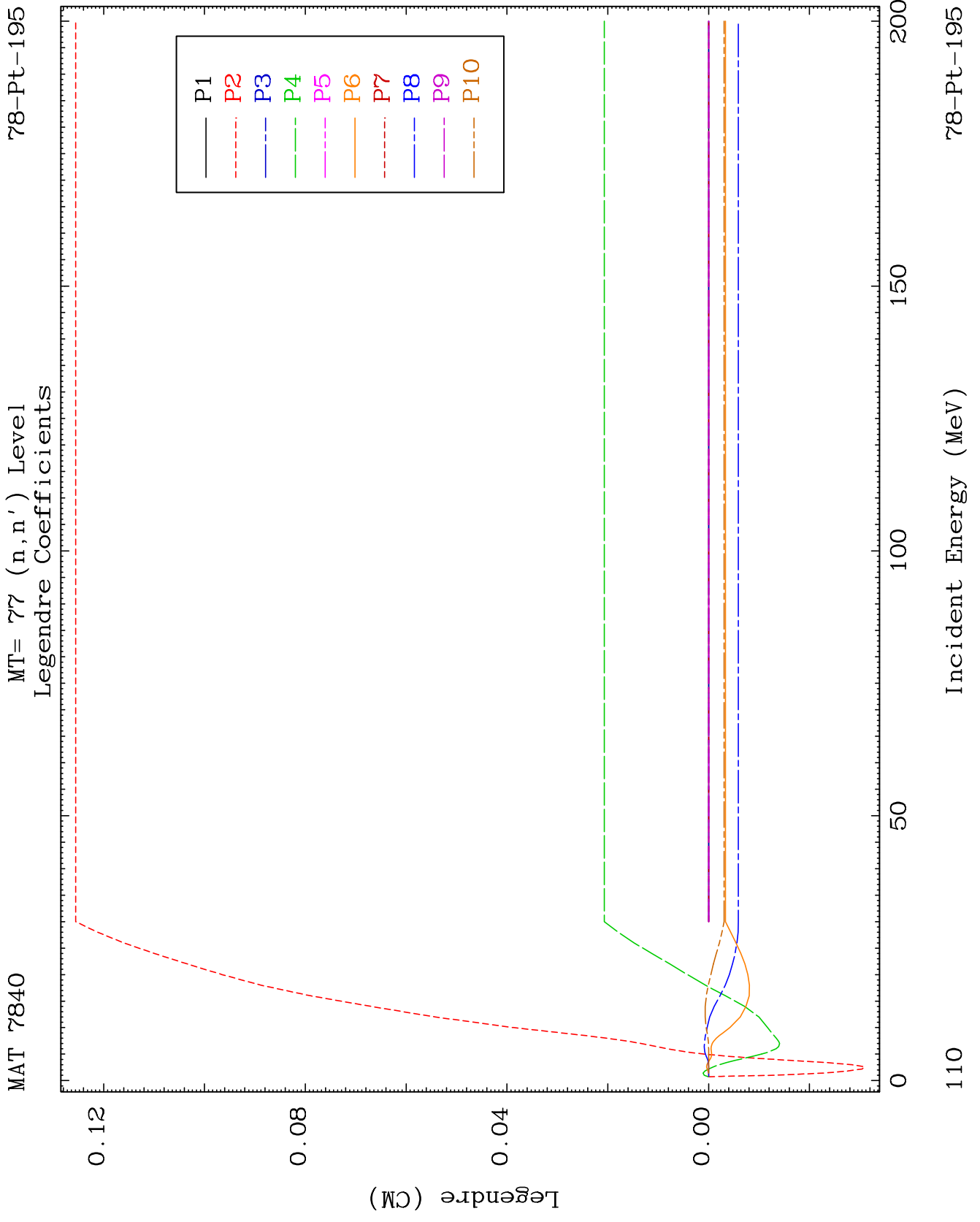
50

Incident Energy (MeV)

78-Pt-195

108

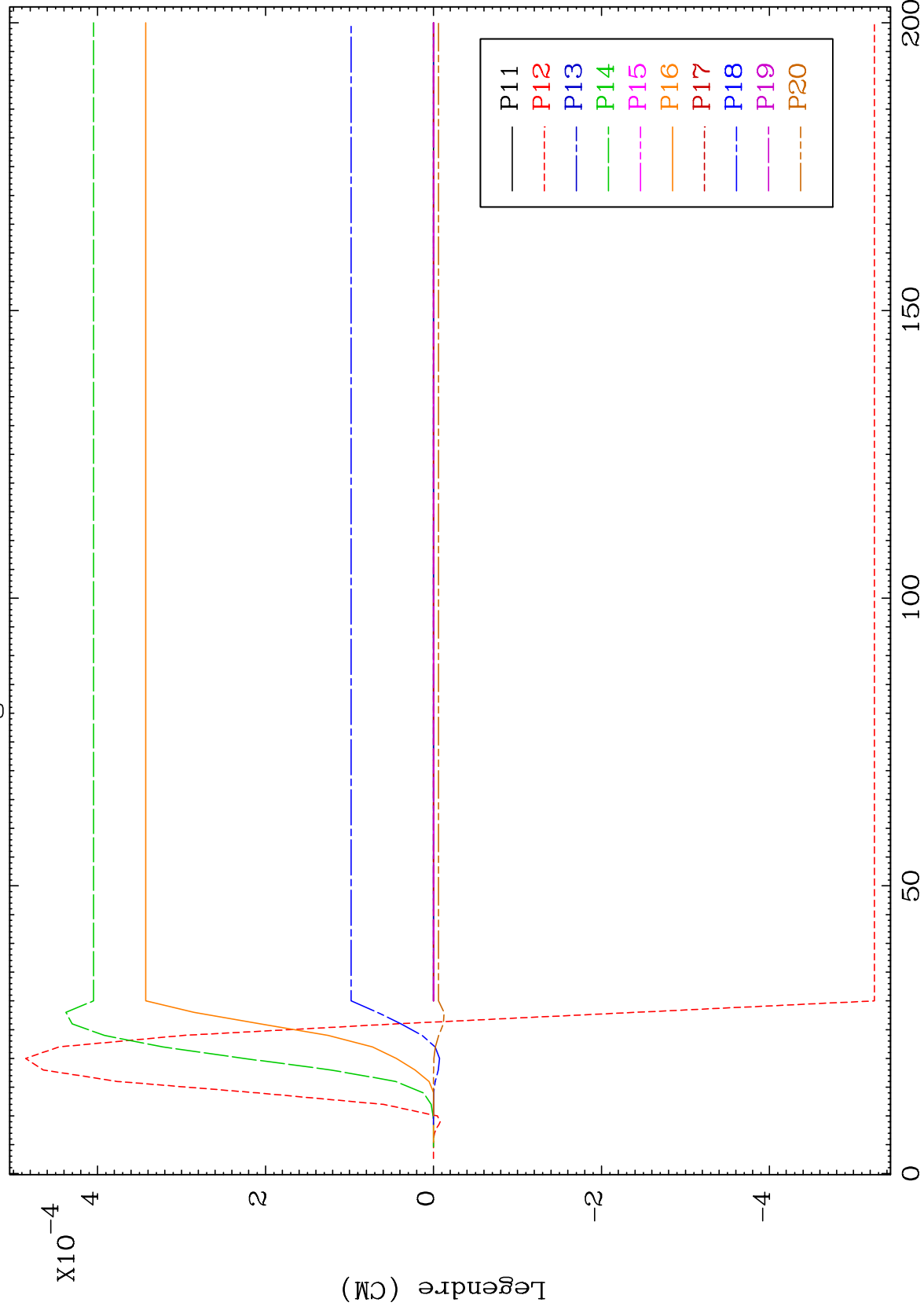




MAT 7840

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

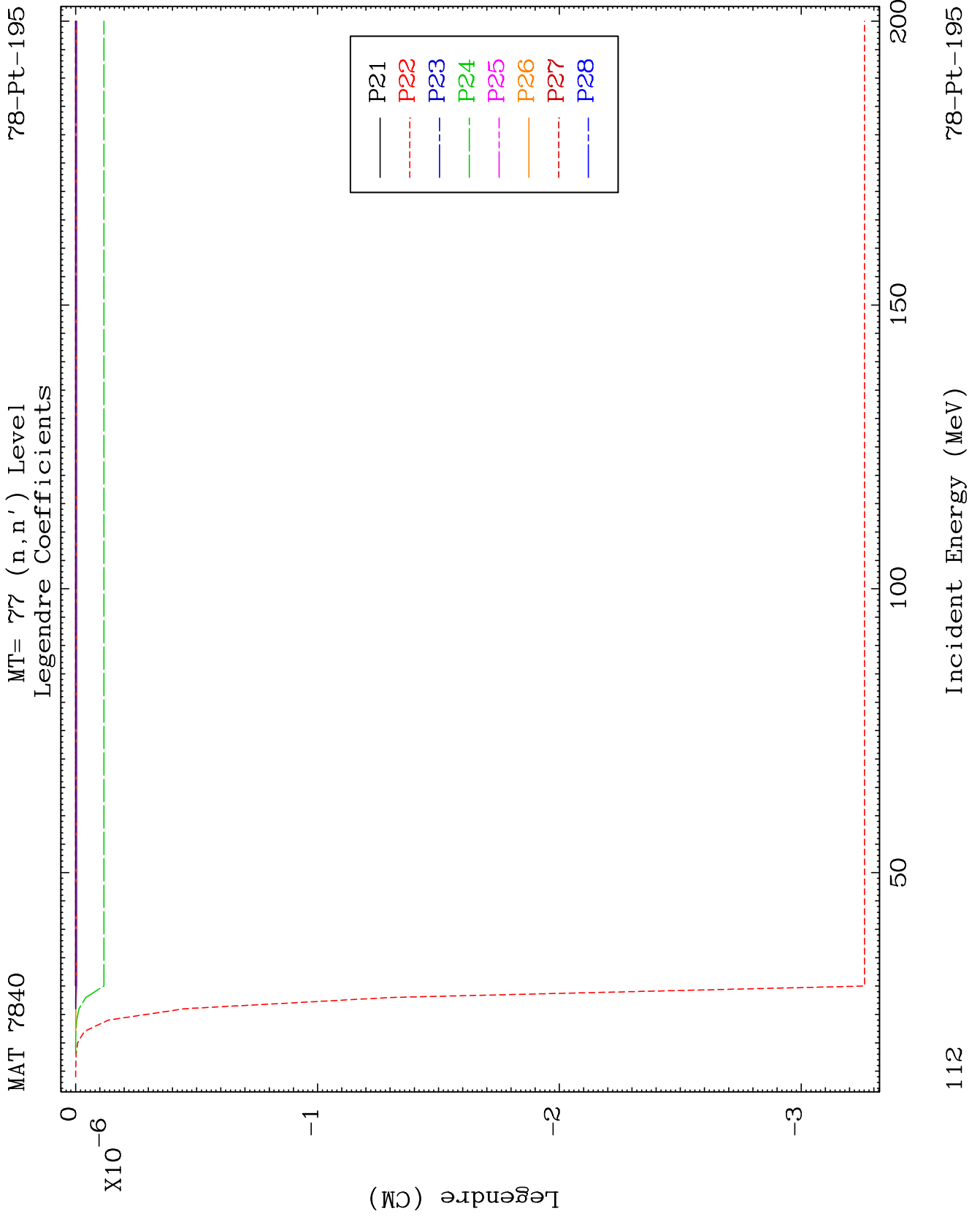
78-Pt-195



111

Incident Energy (MeV)

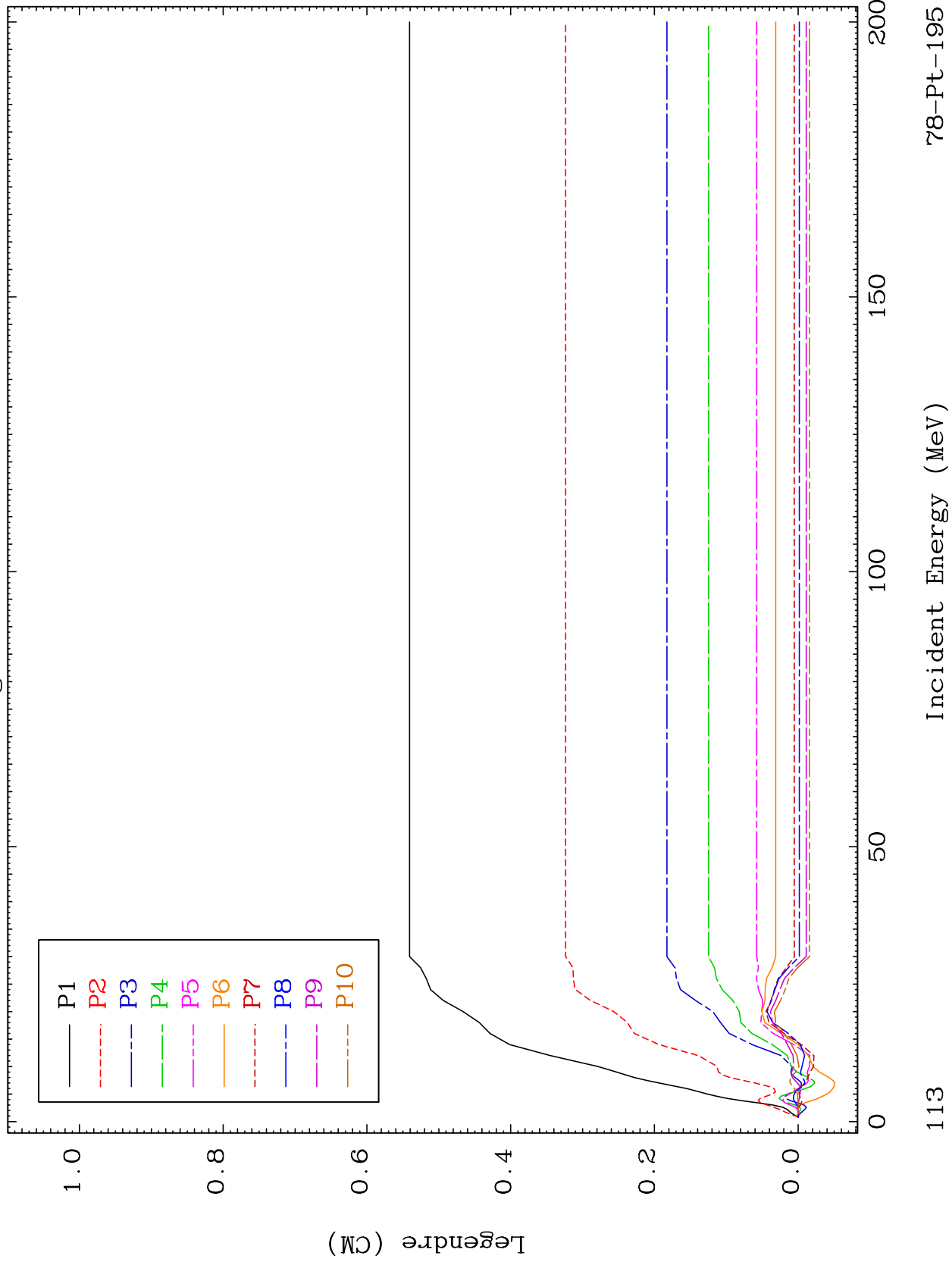
78-Pt-195



MAT 7840

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

78-Pt-195



113

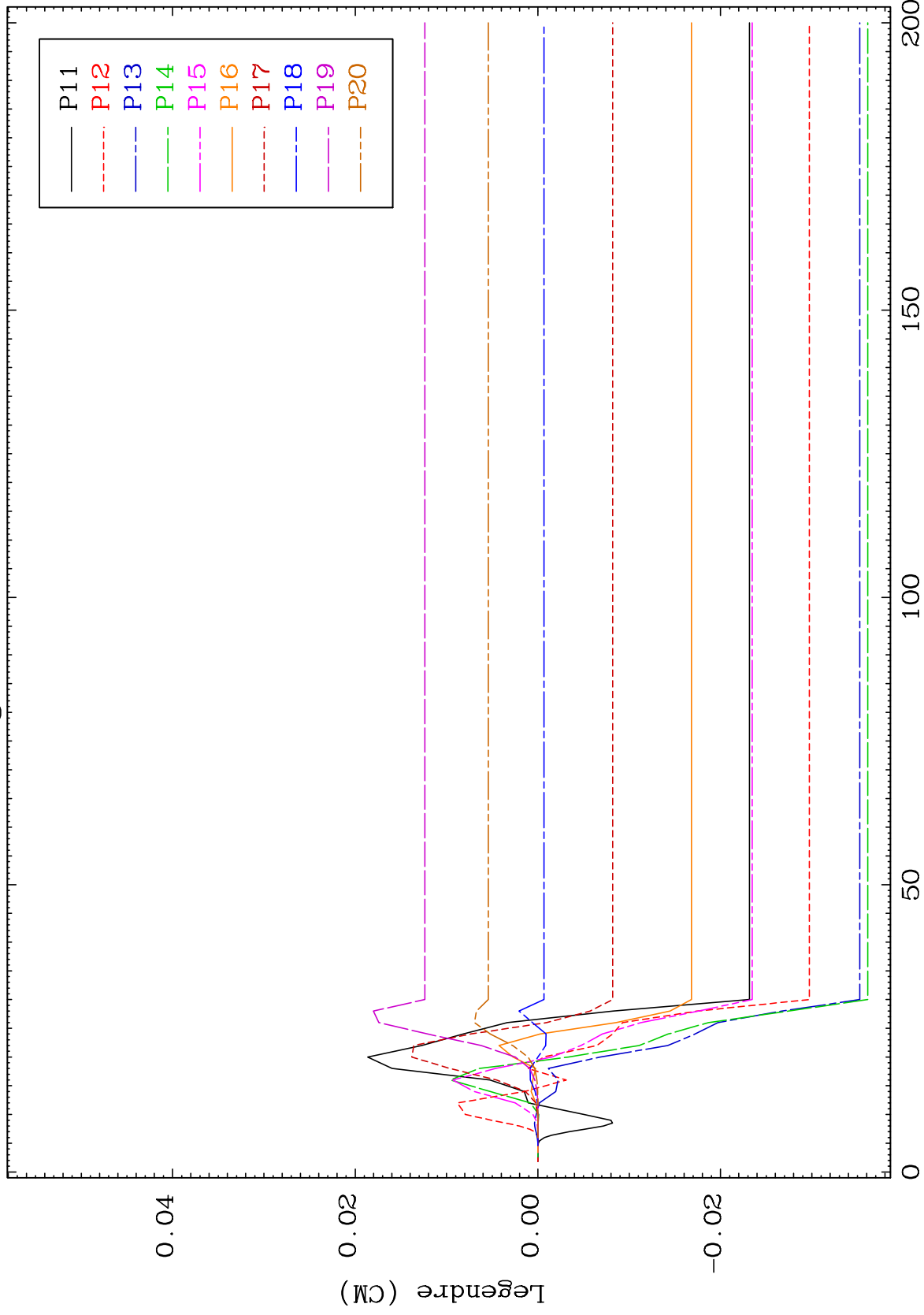
Incident Energy (MeV)

78-Pt-195

MAT 7840

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

78-Pt-195



114

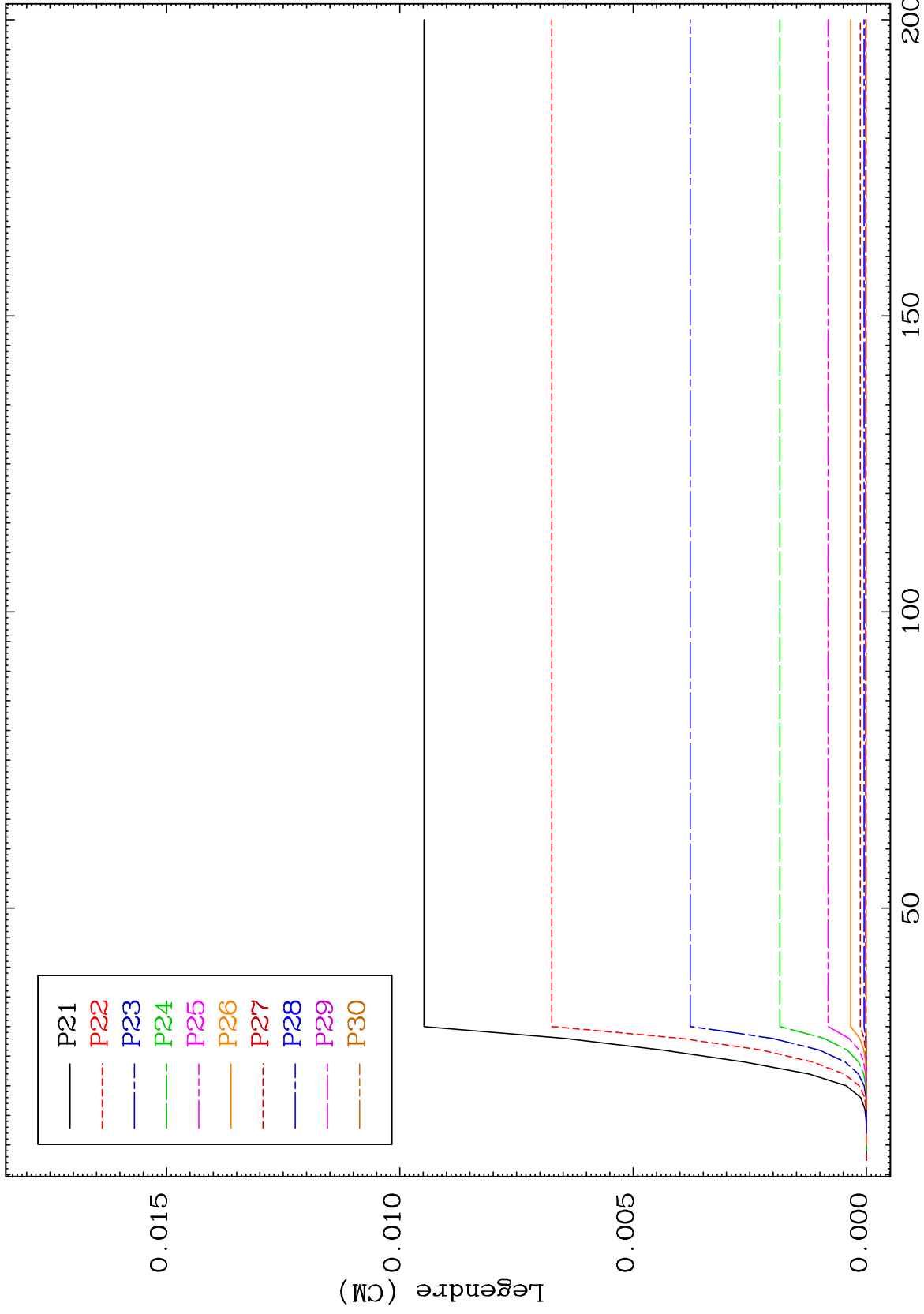
Incident Energy (MeV)

78-Pt-195

MAT 7840

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

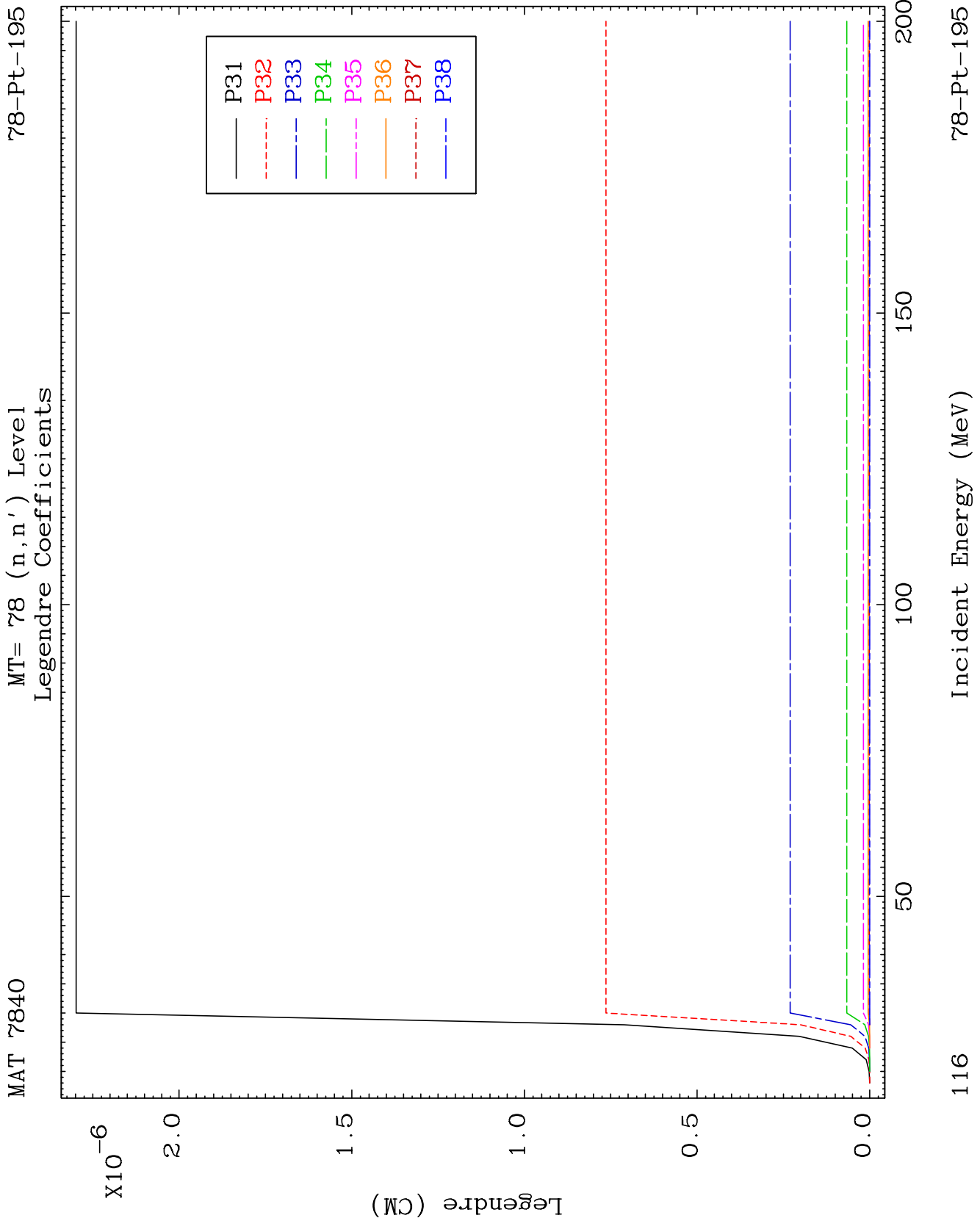
78-Pt-195

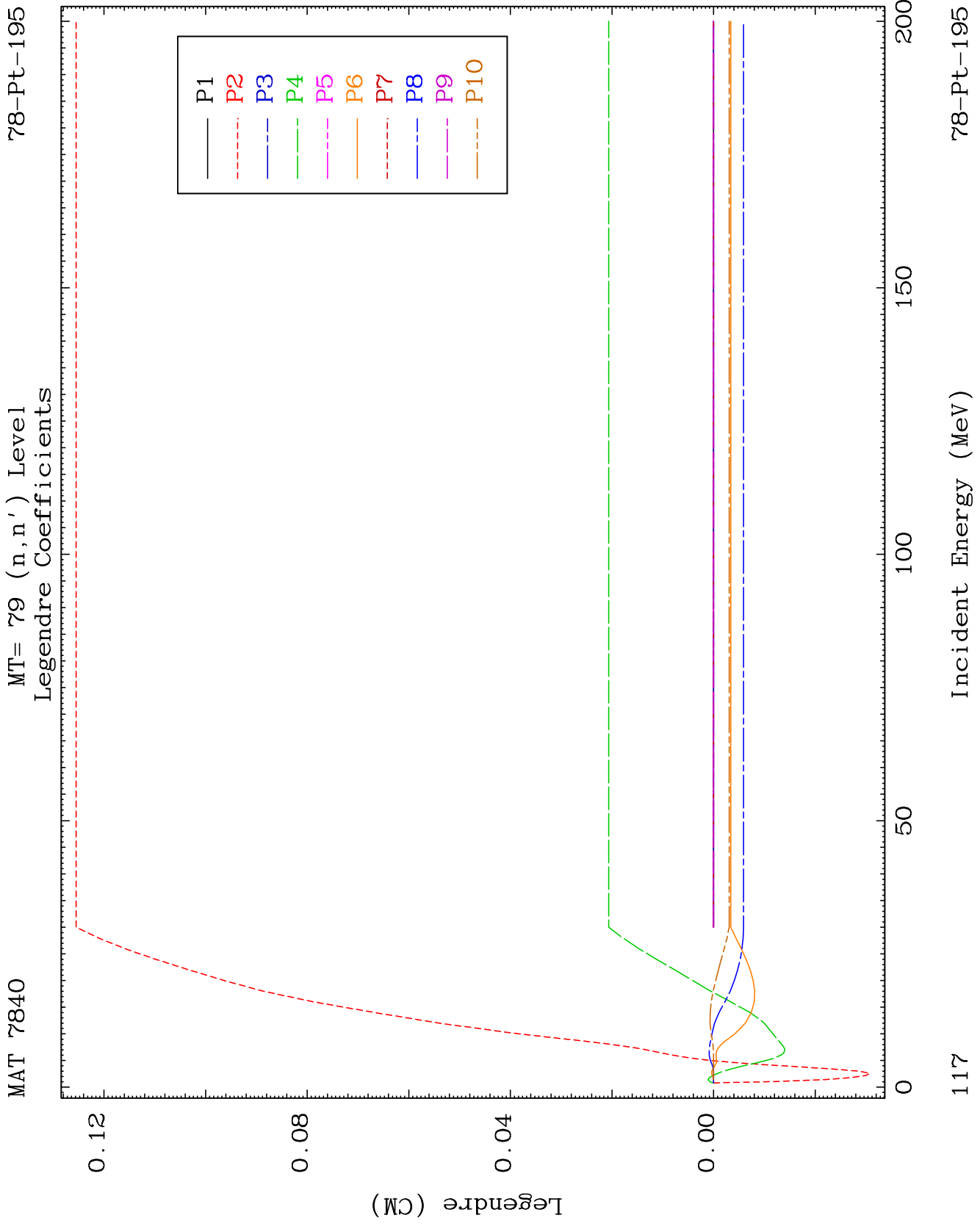


115

Incident Energy (MeV)

78-Pt-195

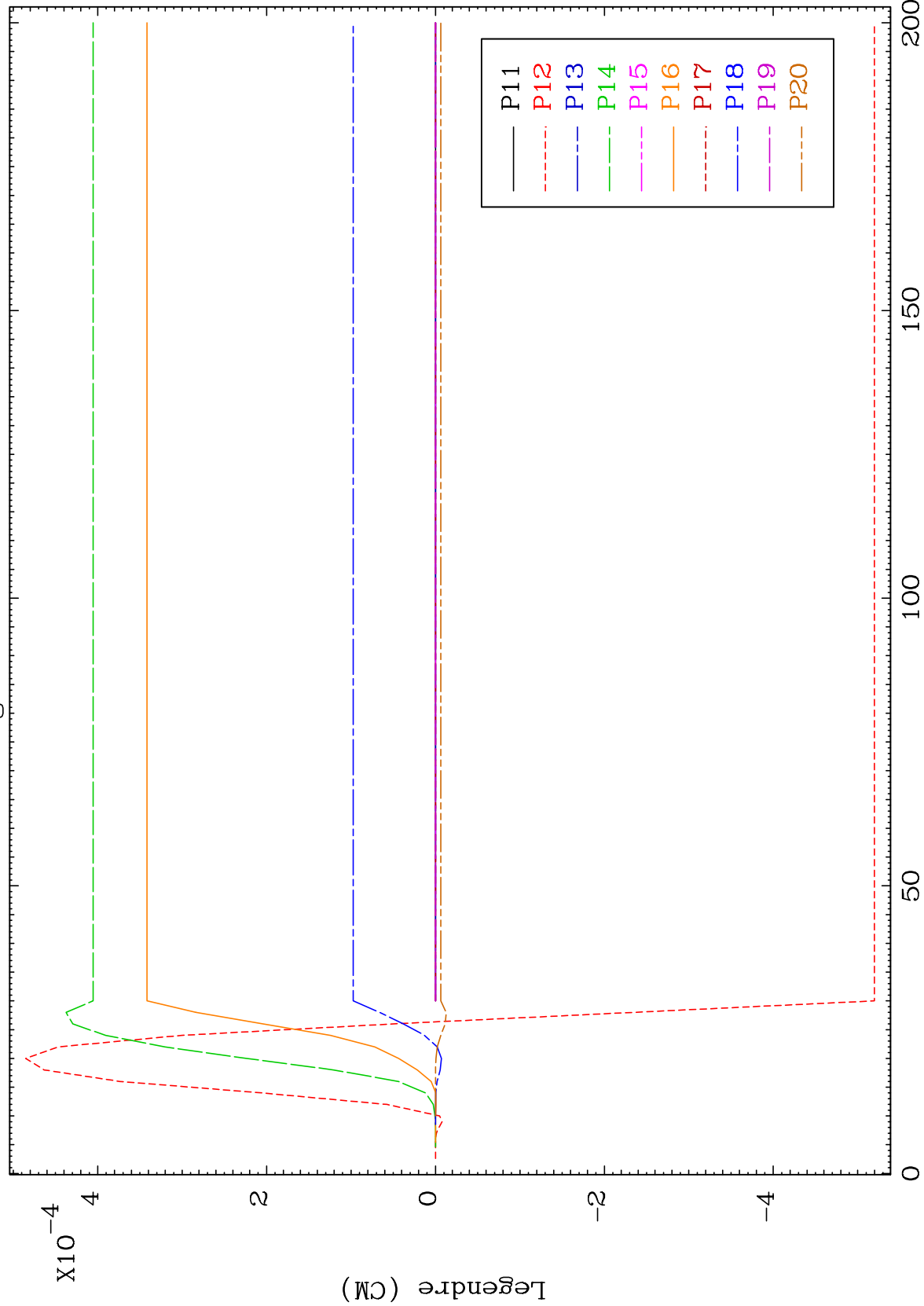




MAT 7840

MT= 79 (n,n') Level
Legendre Coefficients

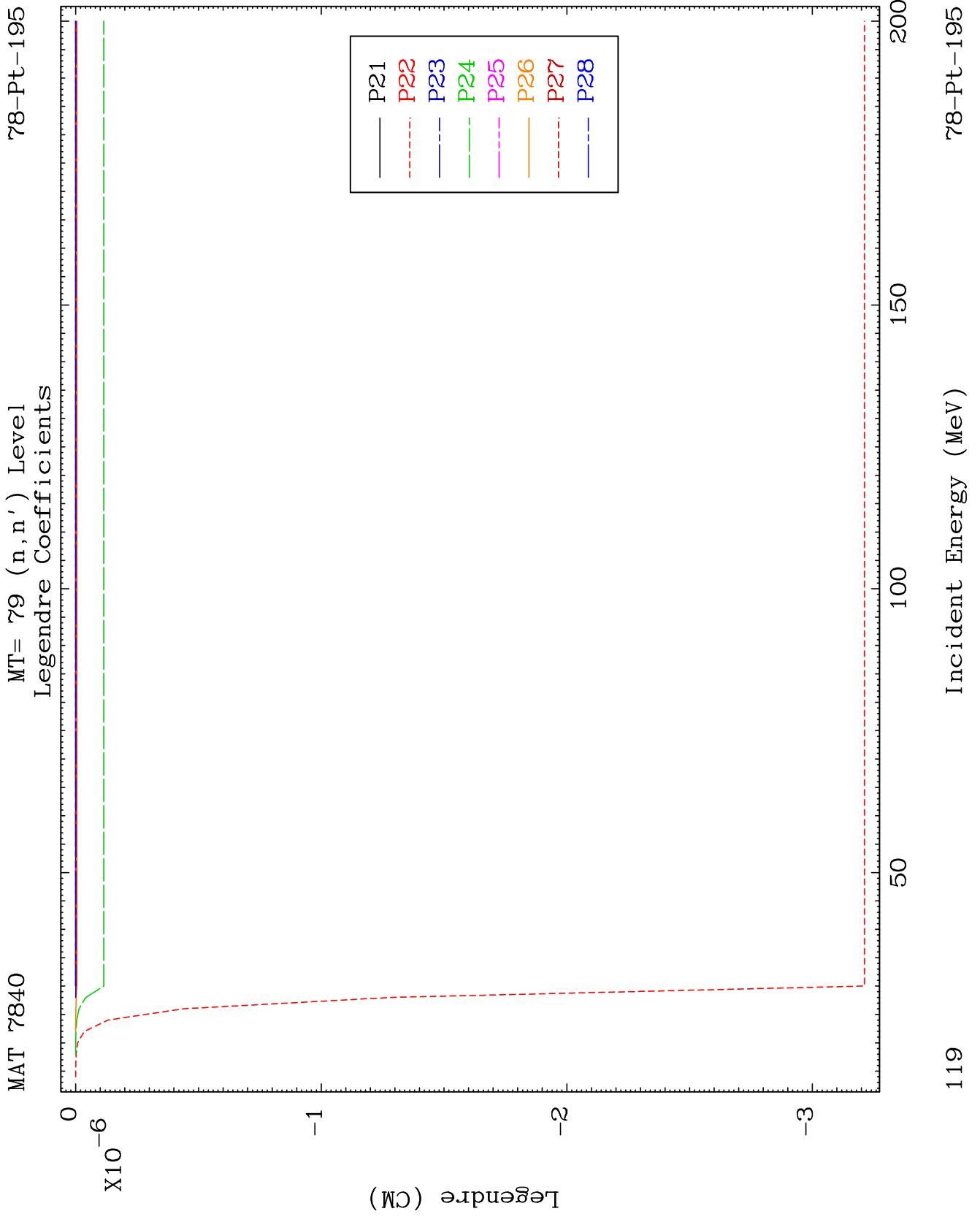
78-Pt-195



118

Incident Energy (MeV)

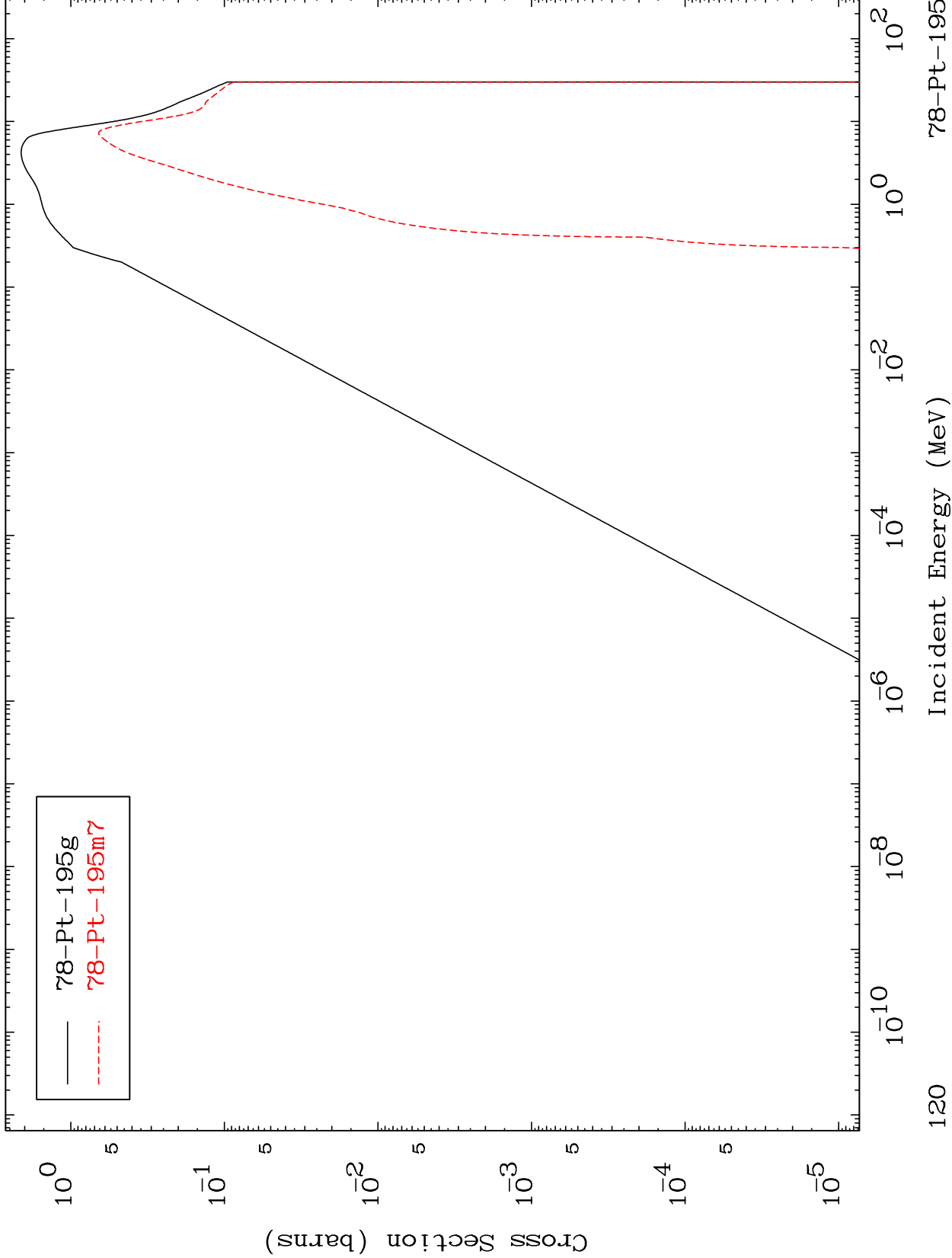
78-Pt-195



MAT 7840

Inelastic
Radionuclide Production Cross Section

78-Pt-195



120

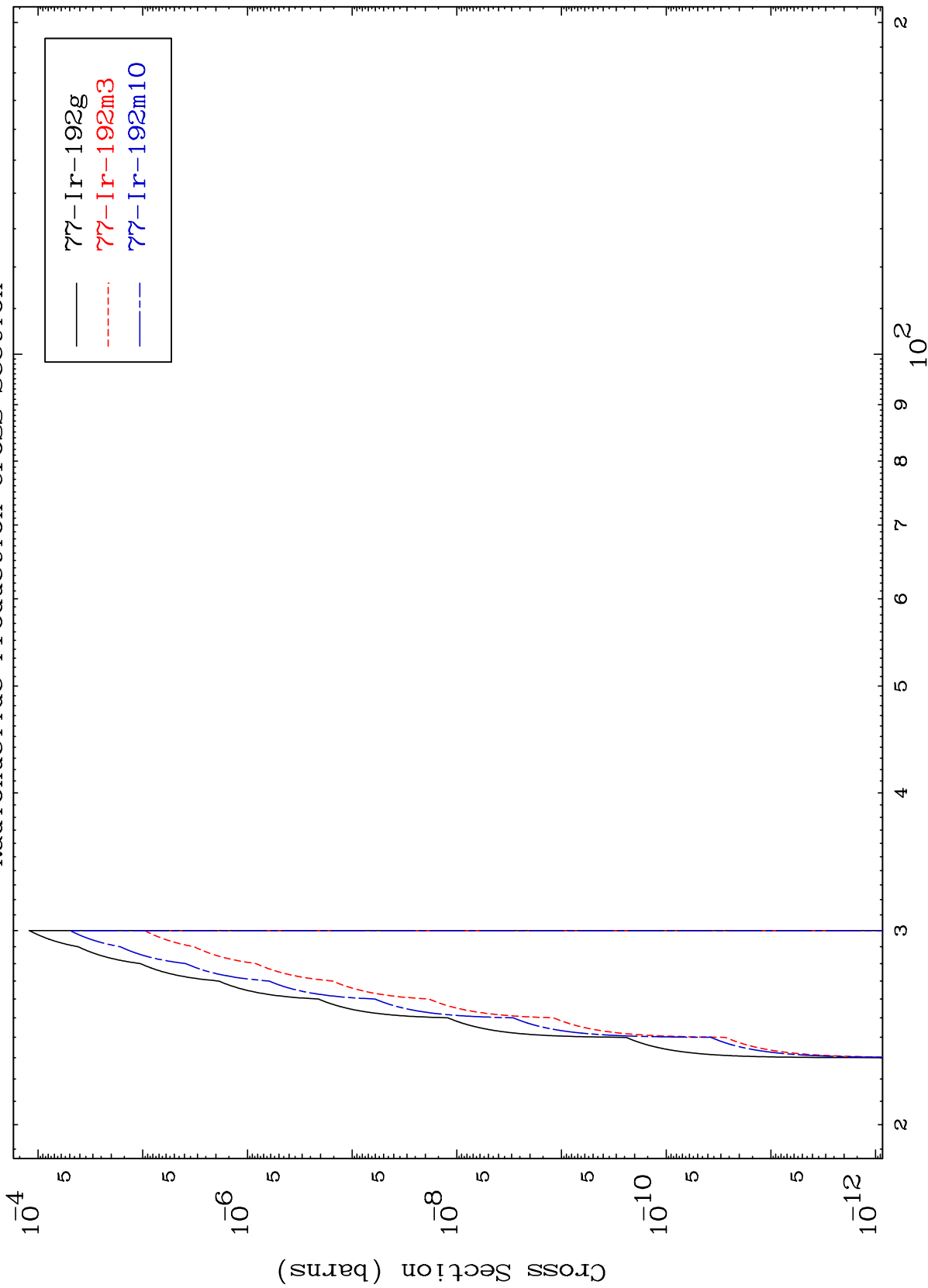
78-Pt-195

MAT 7840

(n,2n) d

78-Pt-195

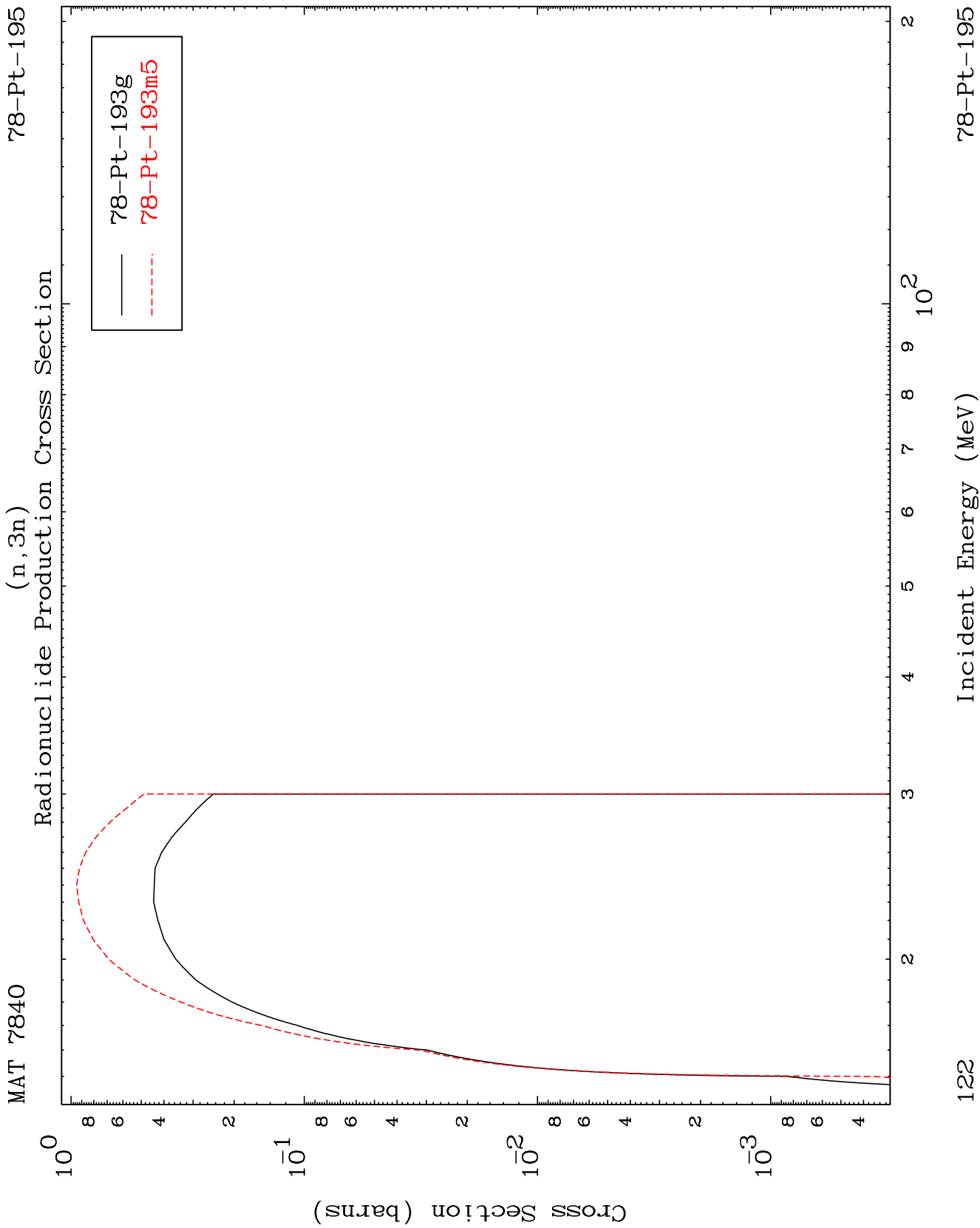
Radionuclide Production Cross Section



121

Incident Energy (MeV)

78-Pt-195

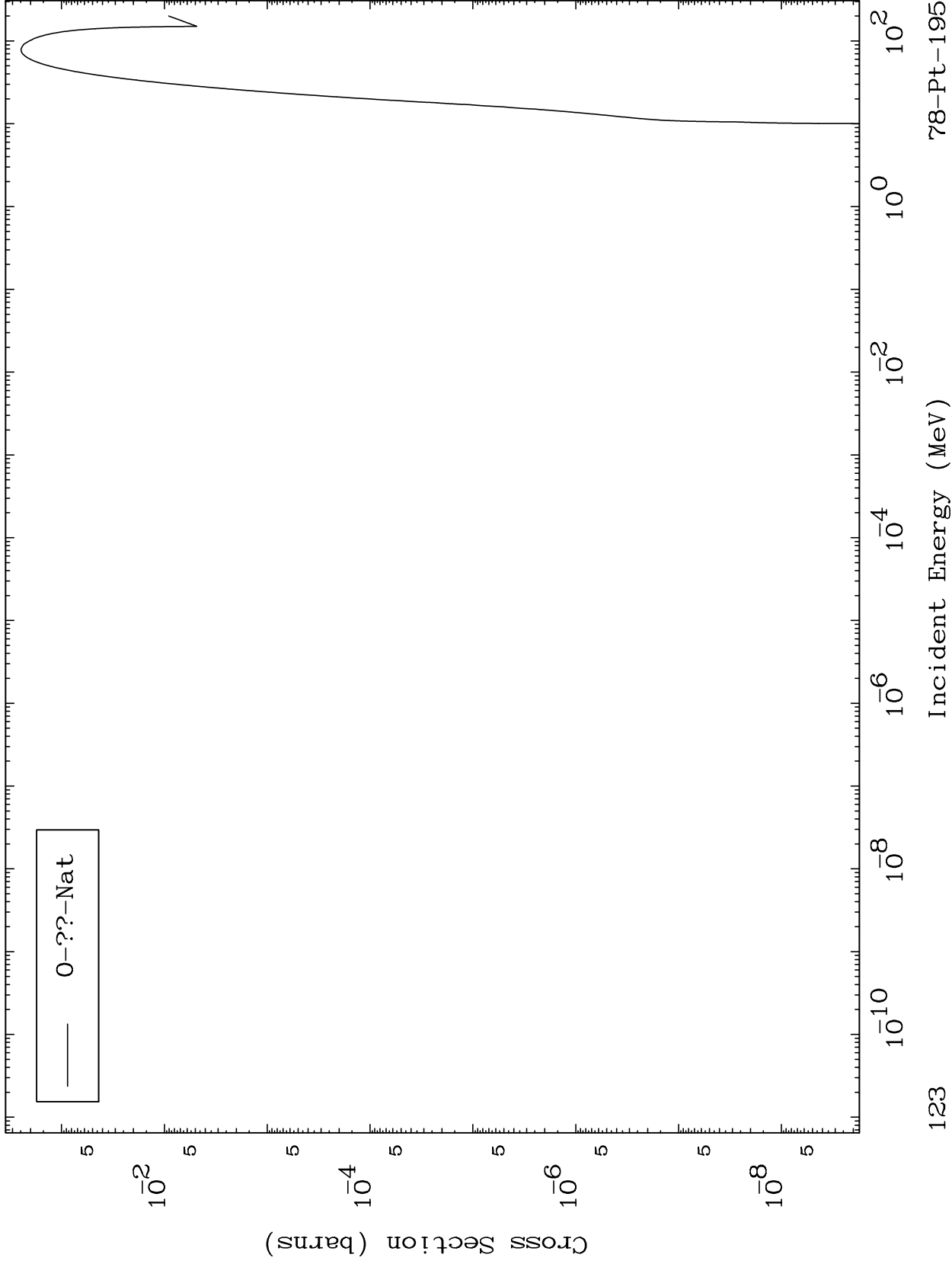


MAT 7840

Fission

78-Pt-195

Radionuclide Production Cross Section



123

Incident Energy (MeV)

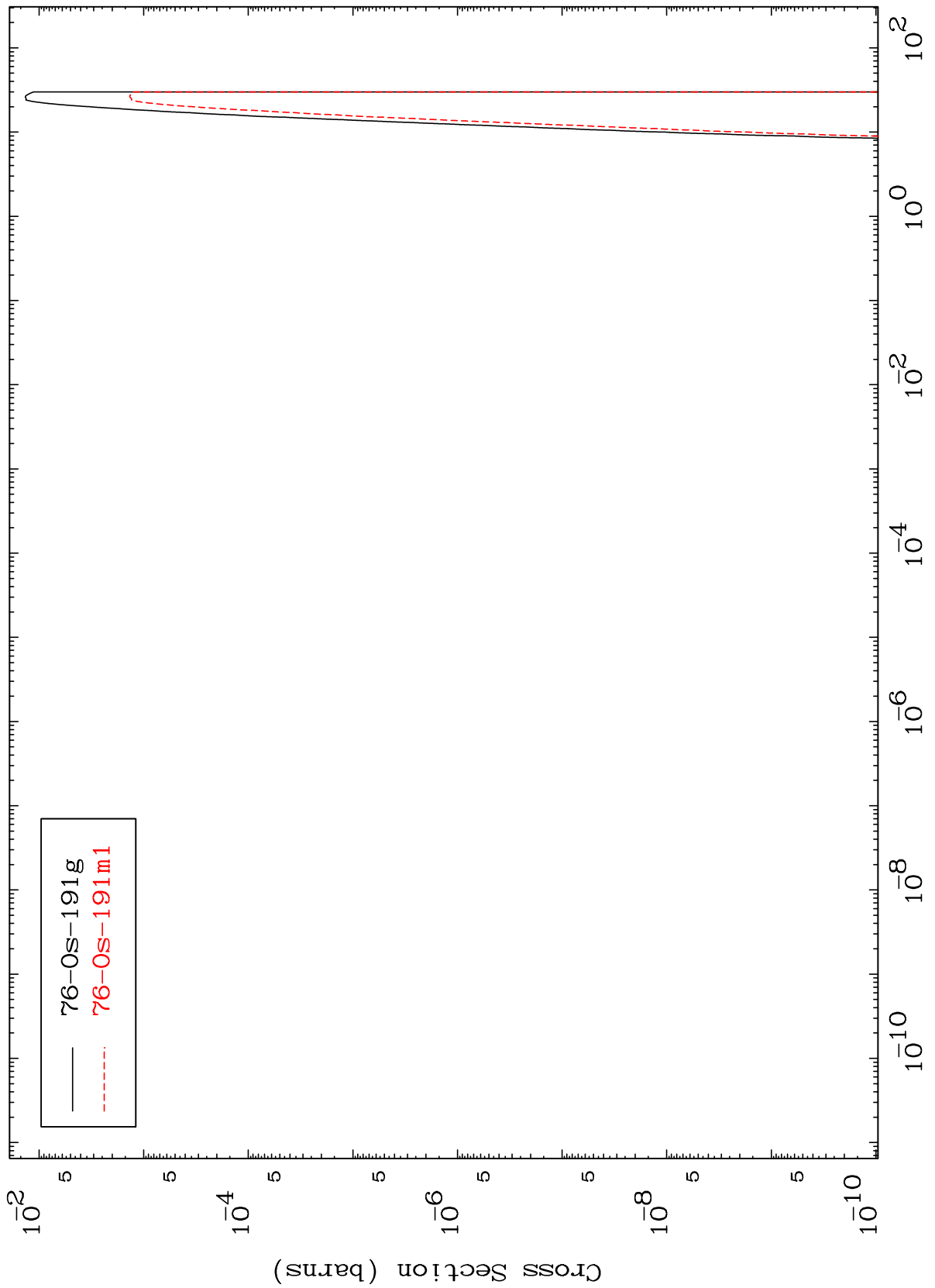
78-Pt-195

MAT 7840

$(n, n') \alpha$

78-Pt-195

Radionuclide Production Cross Section



124

Incident Energy (MeV)

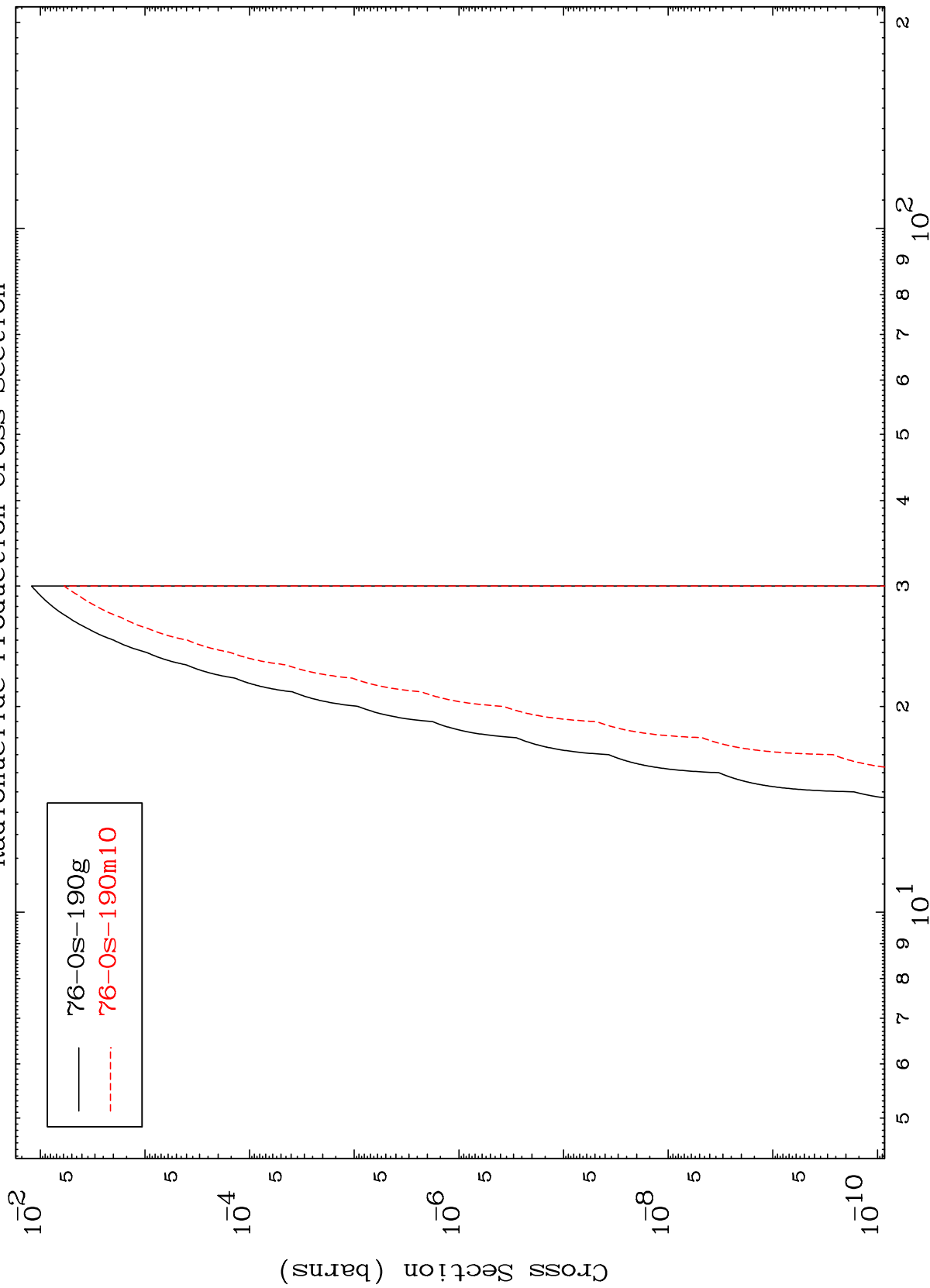
78-Pt-195

MAT 7840

$(n,2n) \alpha$

78-Pt-195

Radionuclide Production Cross Section



76-0s-190g
76-0s-190m10

125

Incident Energy (MeV)

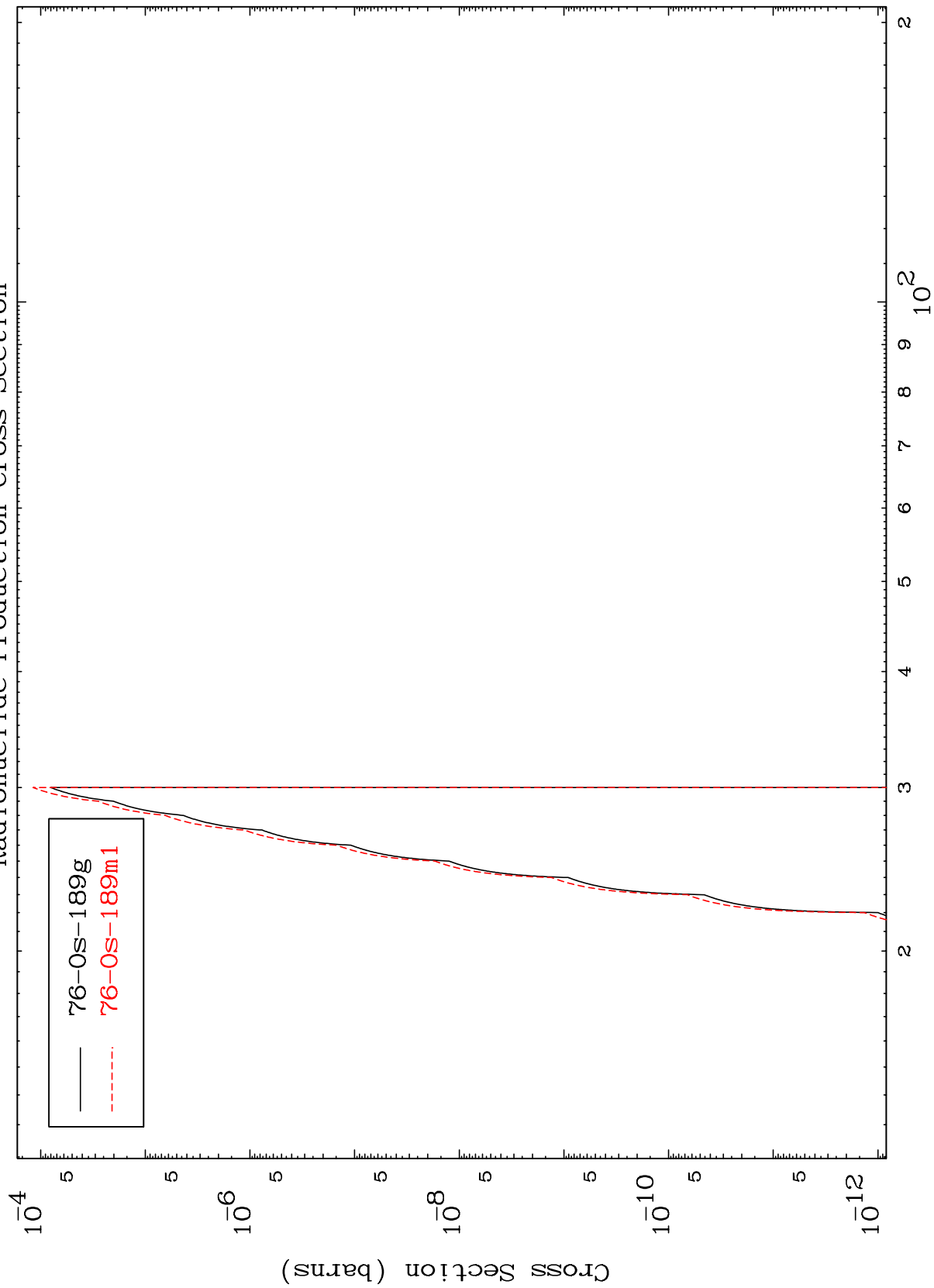
78-Pt-195

MAT 7840

78-Pt-195

(n,3n) α

Radionuclide Production Cross Section



Incident Energy (MeV)

78-Pt-195

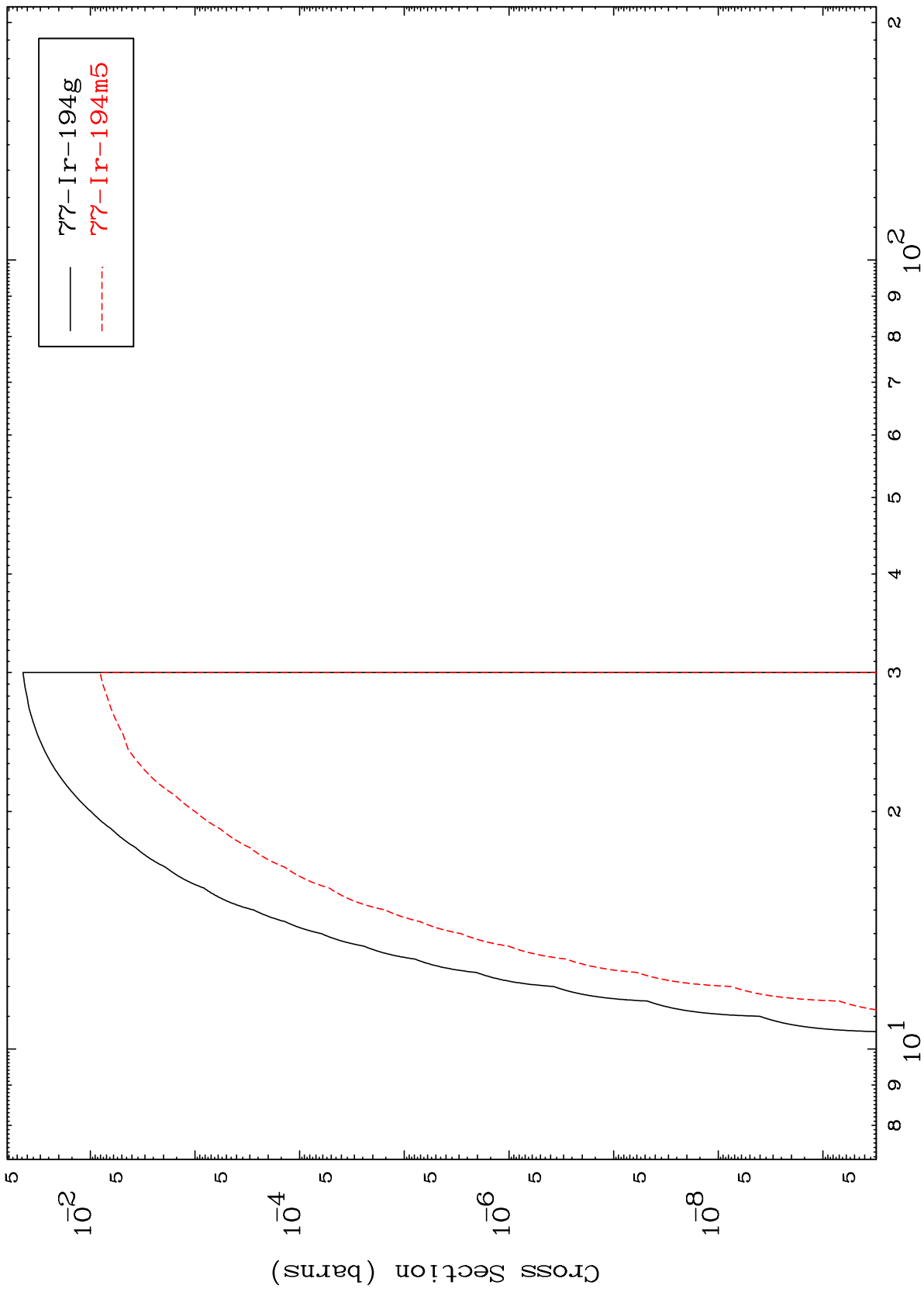
126

MAT 7840

(n,n') p

78-Pt-195

Radionuclide Production Cross Section

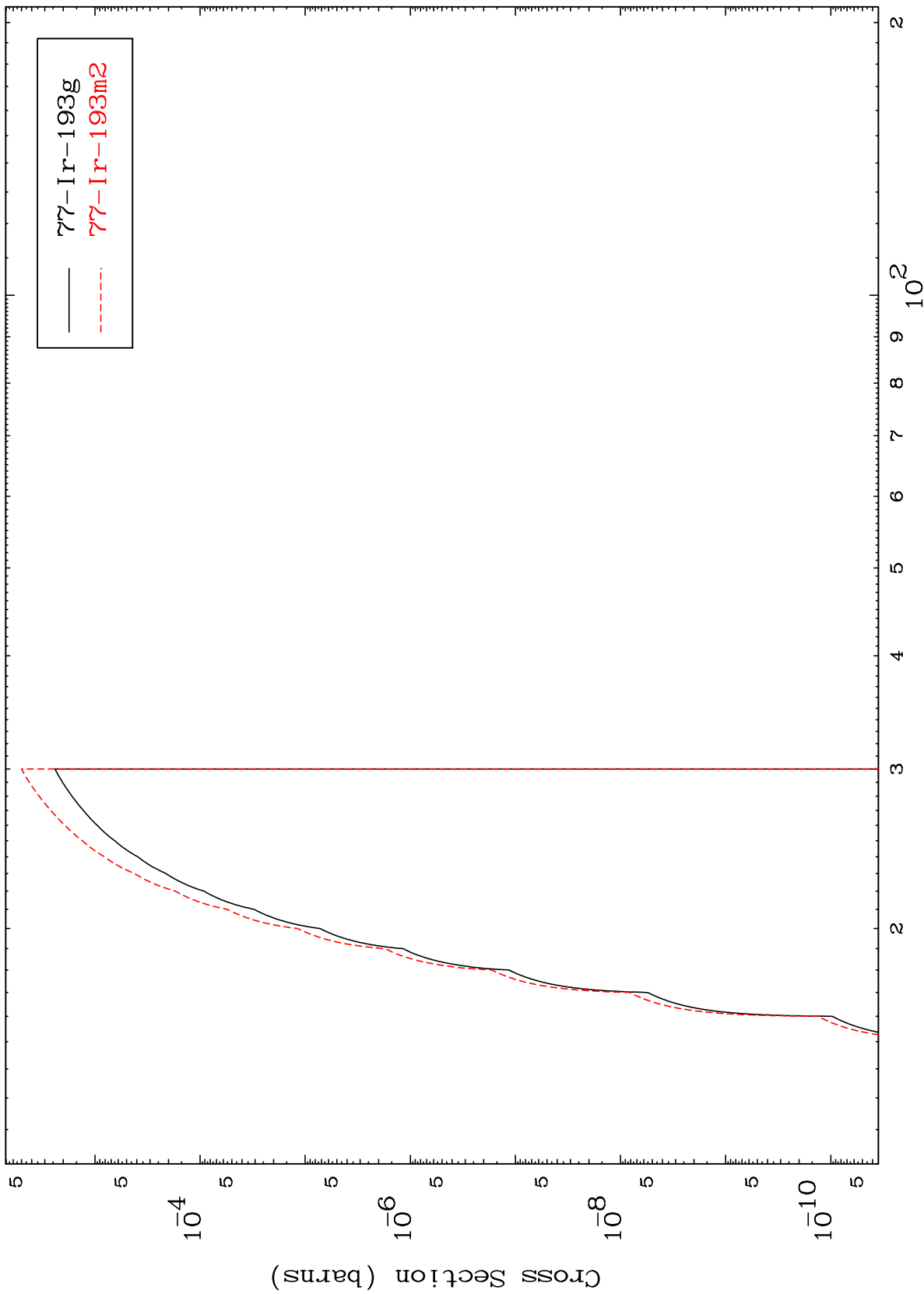


127

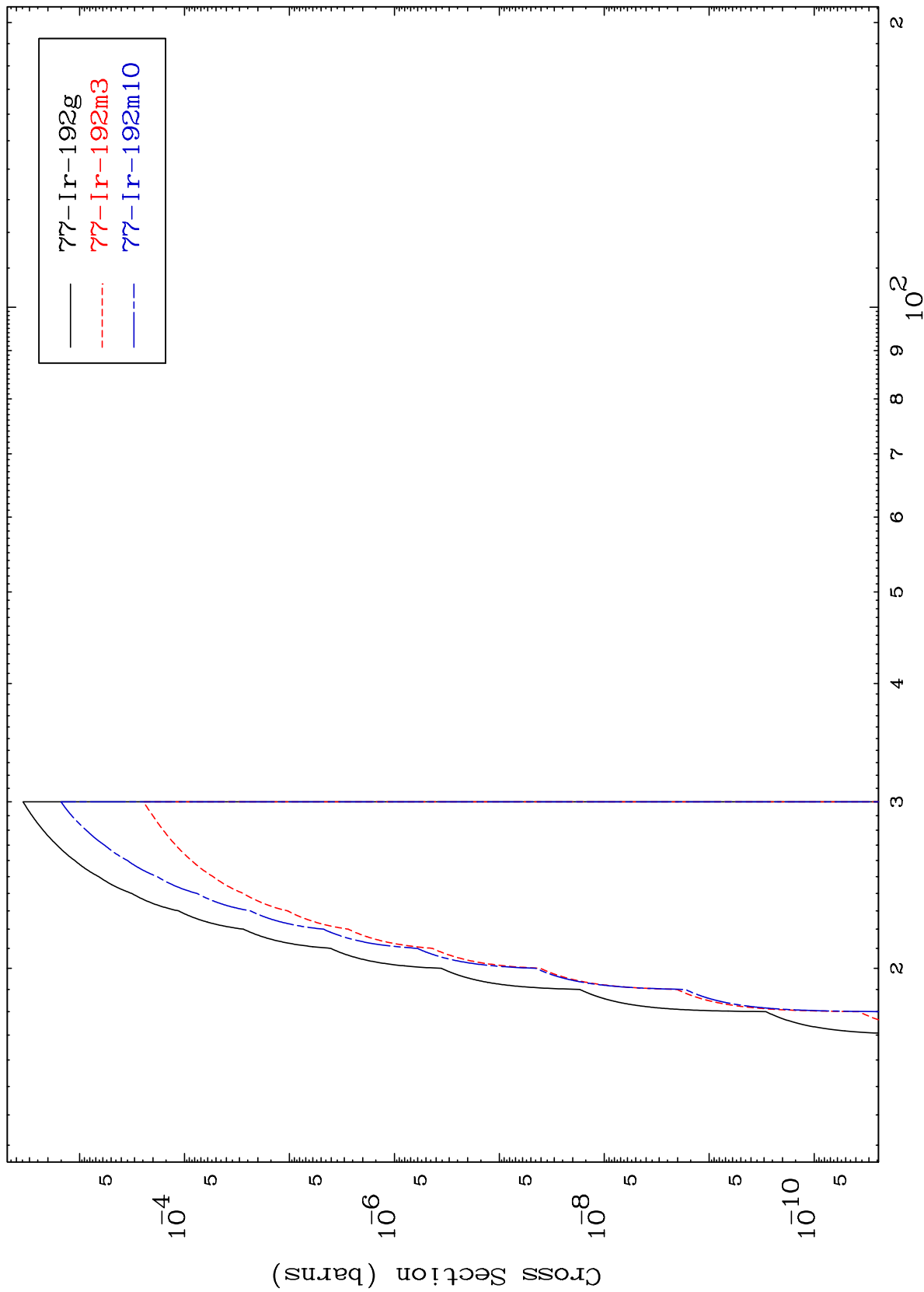
Incident Energy (MeV)

78-Pt-195

Radionuclide Production Cross Section



Radionuclide Production Cross Section

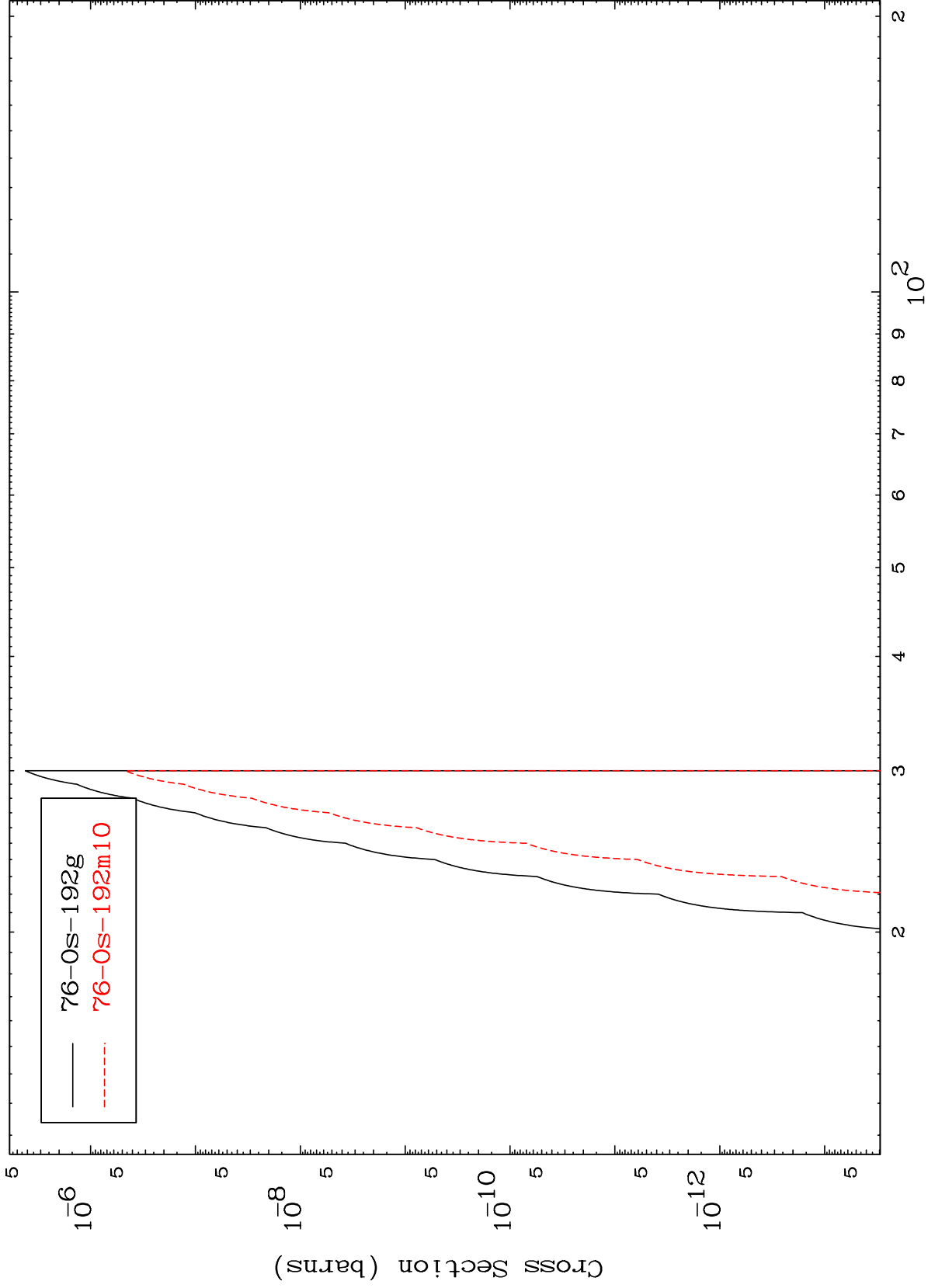


MAT 7840

(n,n') He-3

78-Pt-195

Radionuclide Production Cross Section



130

Incident Energy (MeV)

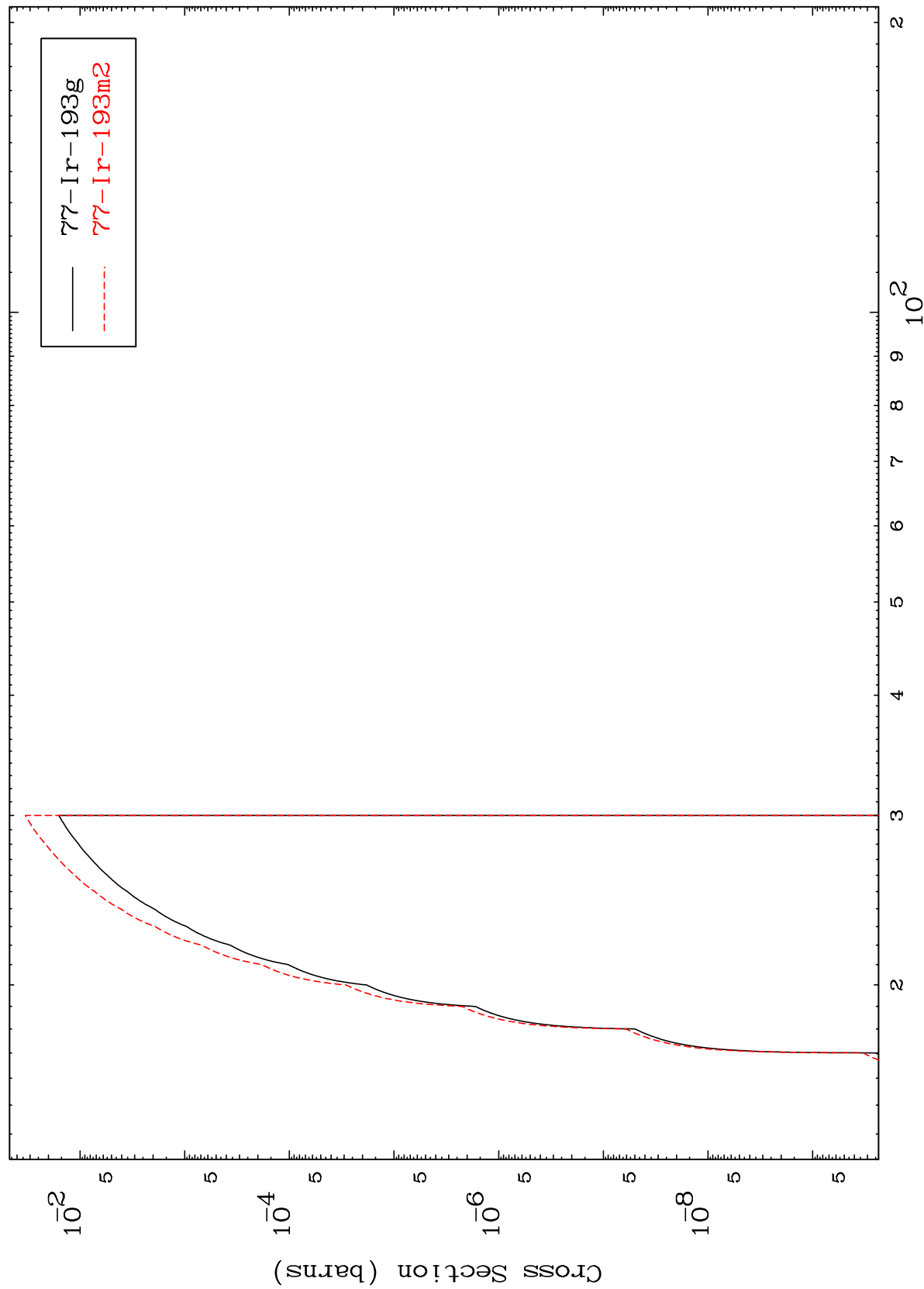
78-Pt-195

MAT 7840

(n,2n) p

78-Pt-195

Radionuclide Production Cross Section

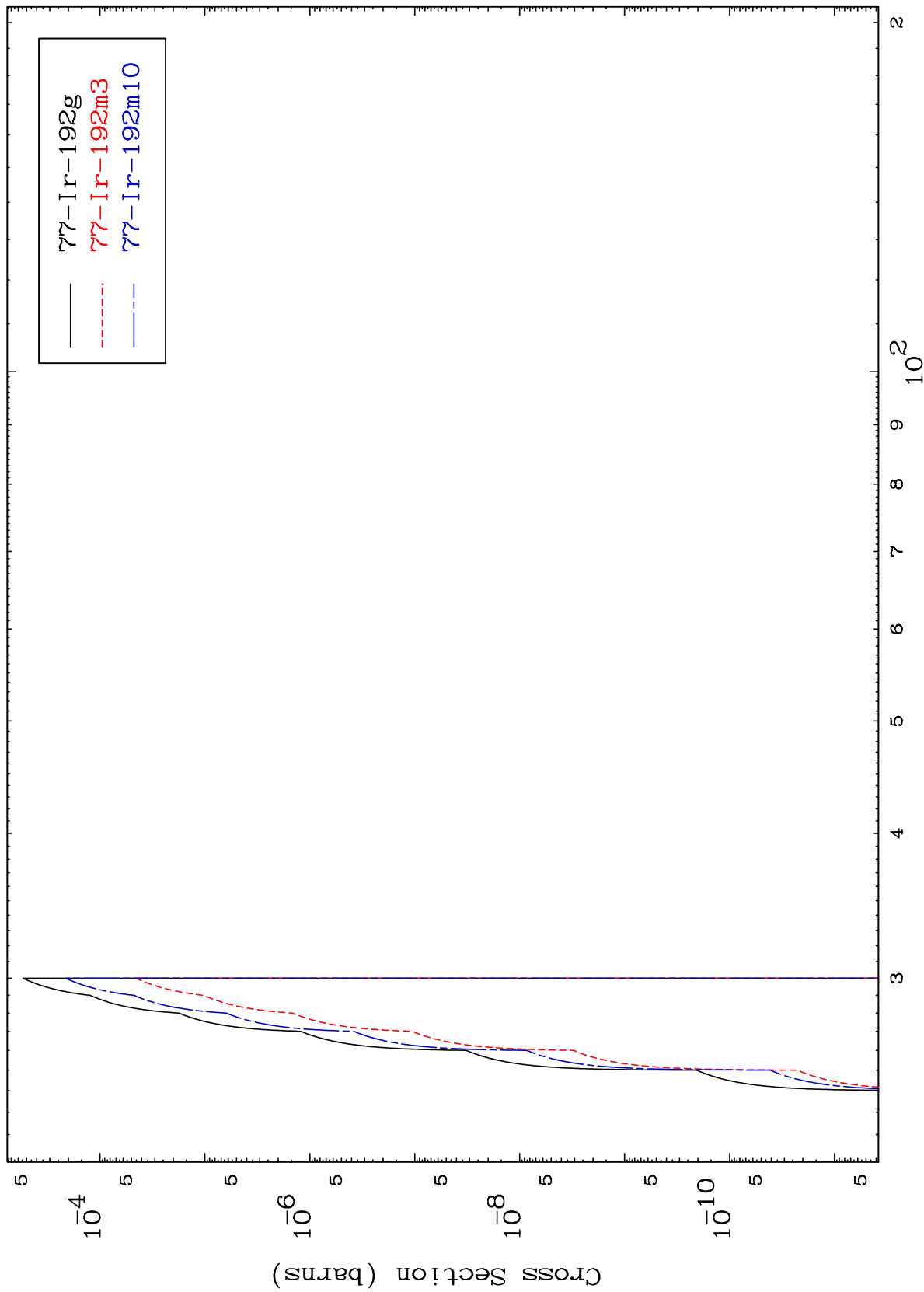


131

Incident Energy (MeV)

78-Pt-195

Radionuclide Production Cross Section

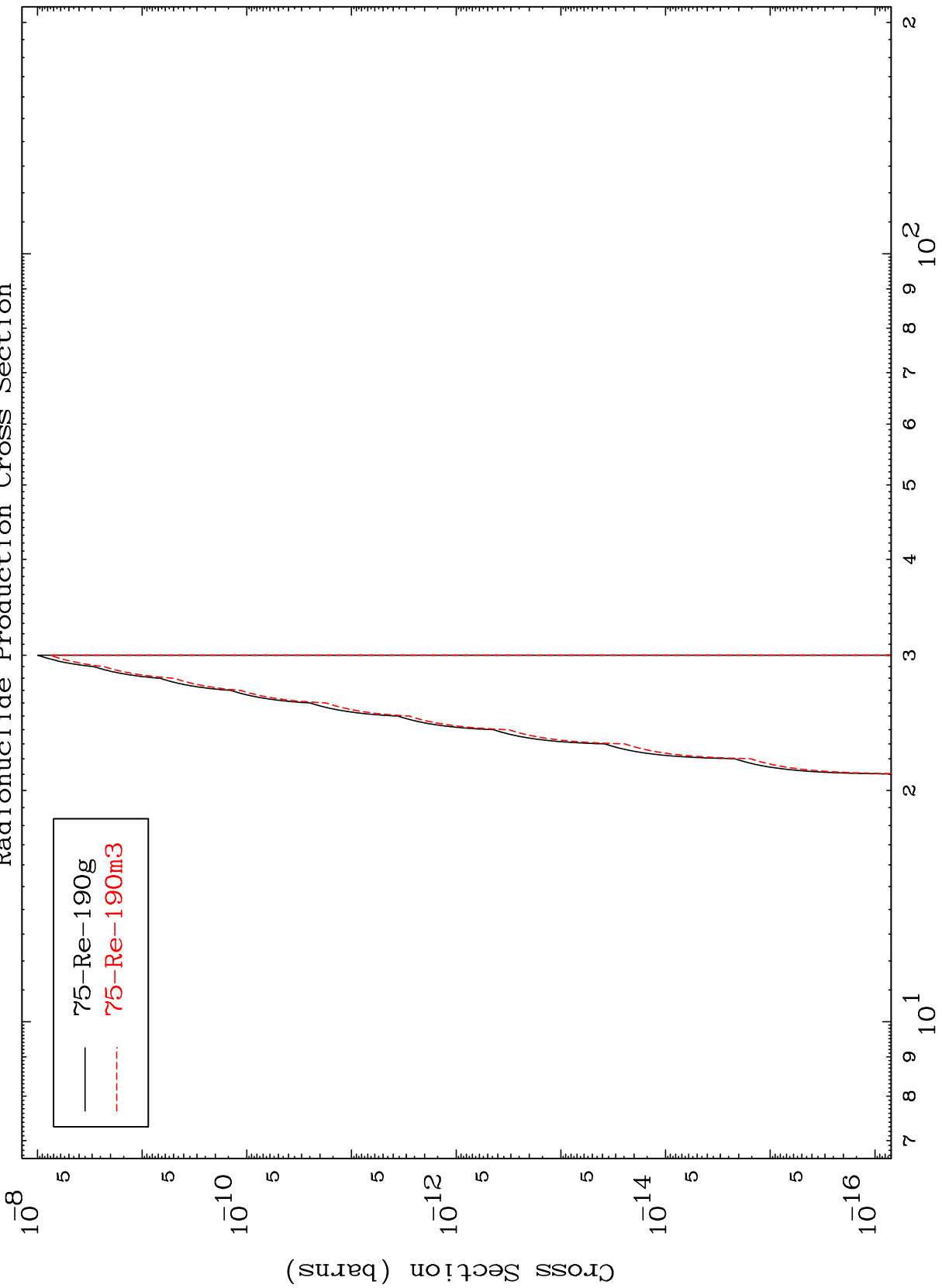


MAT 7840

(n,n') p α

78-Pt-195

Radionuclide Production Cross Section



75-Re-190g
75-Re-190m3

133

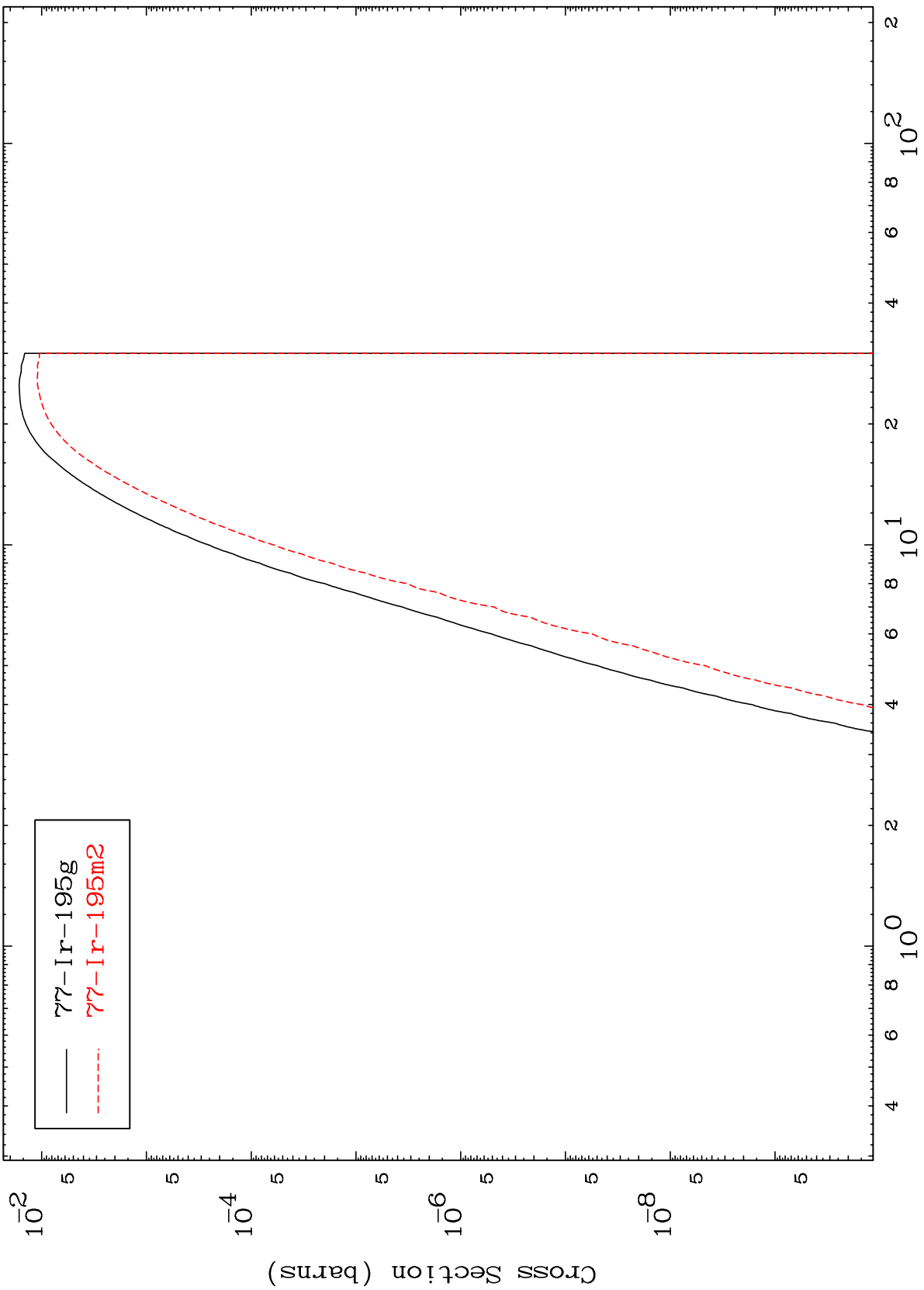
Incident Energy (MeV)

78-Pt-195

MAT 7840

78-Pt-195

(n,p)
Radionuclide Production Cross Section



134

Incident Energy (MeV)

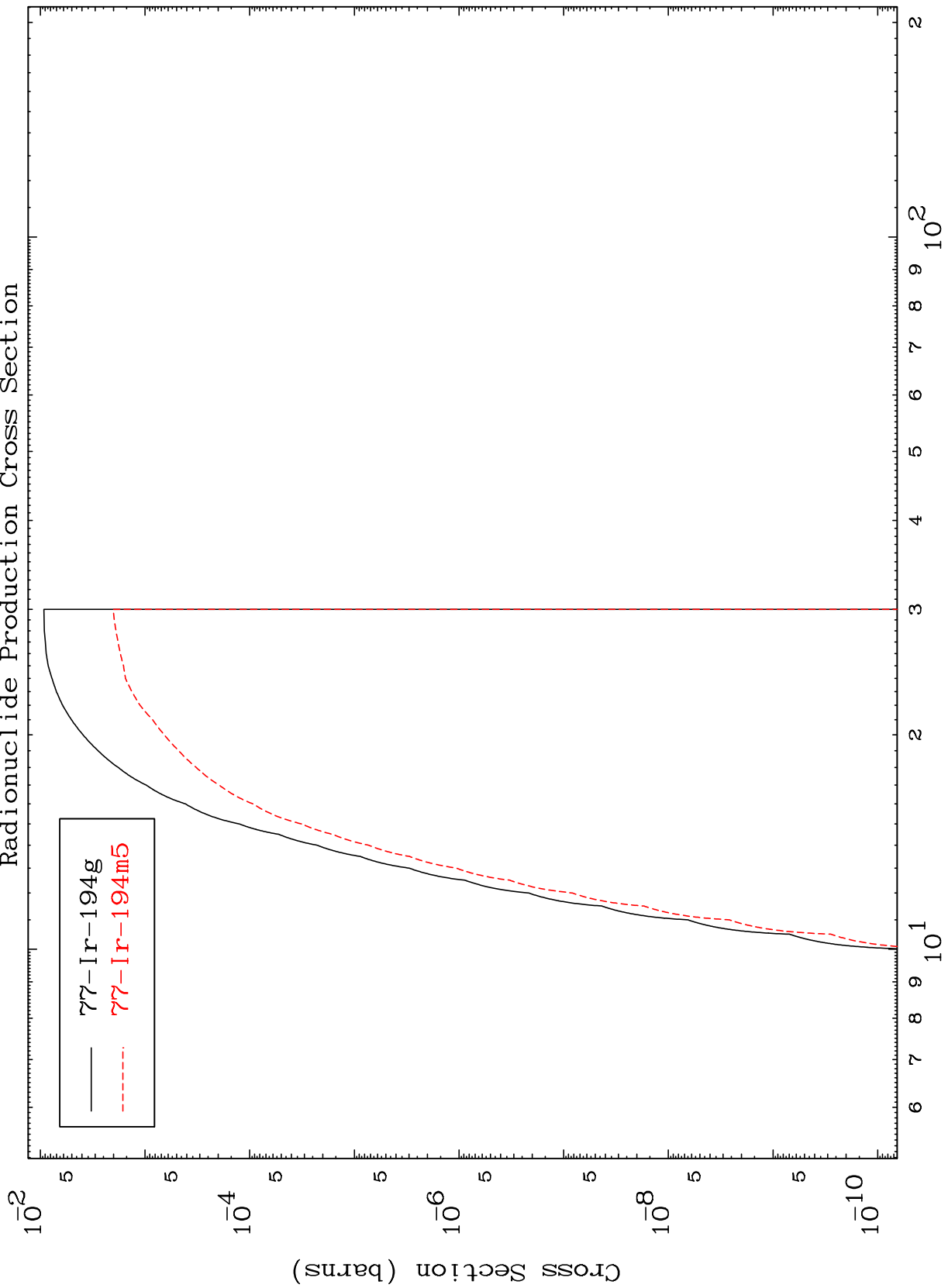
78-Pt-195

MAT 7840

(n,d)

78-Pt-195

Radionuclide Production Cross Section



135

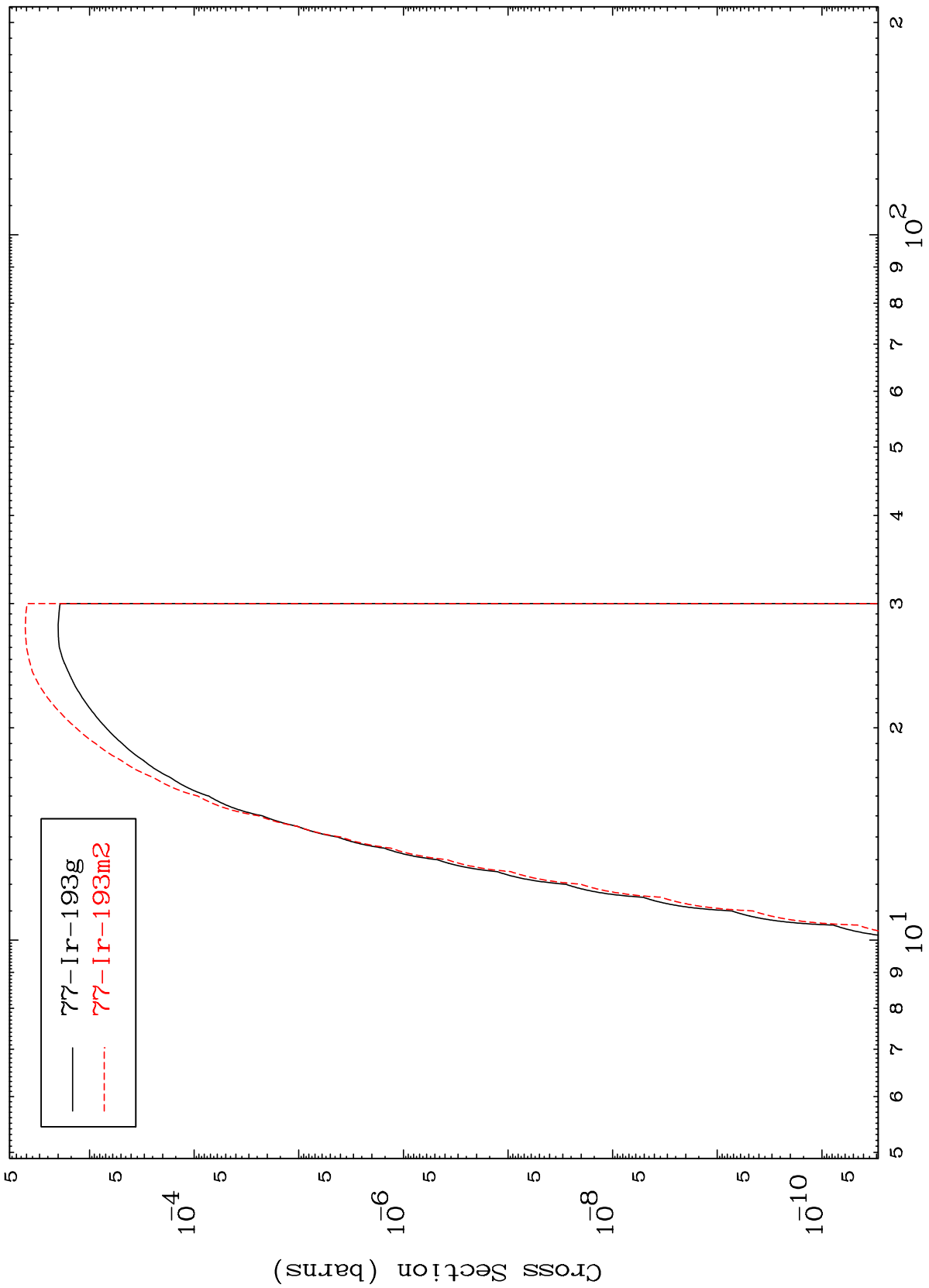
Incident Energy (MeV)

78-Pt-195

MAT 7840

78-Pt-195

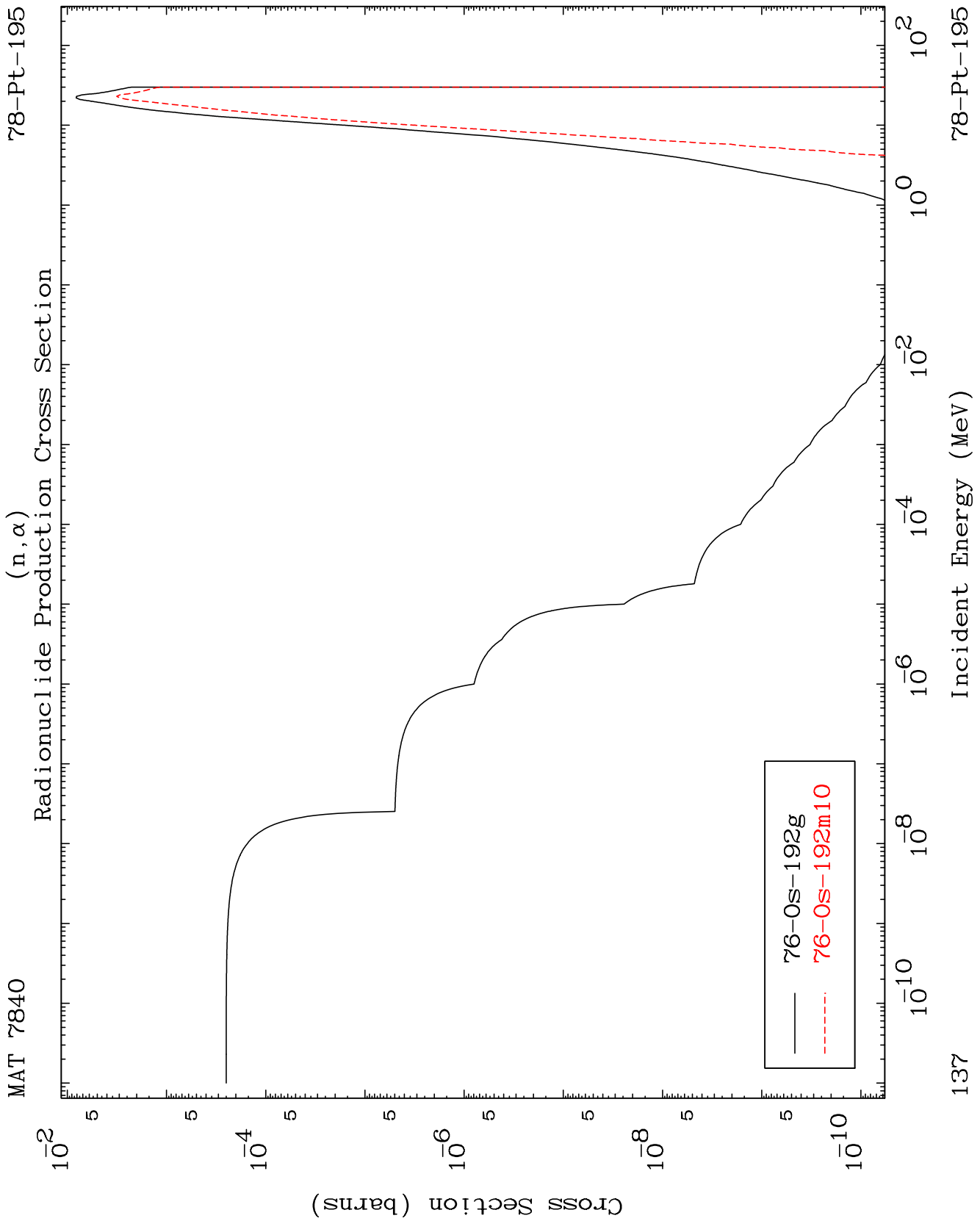
(n, t)
Radionuclide Production Cross Section



136

Incident Energy (MeV)

78-Pt-195

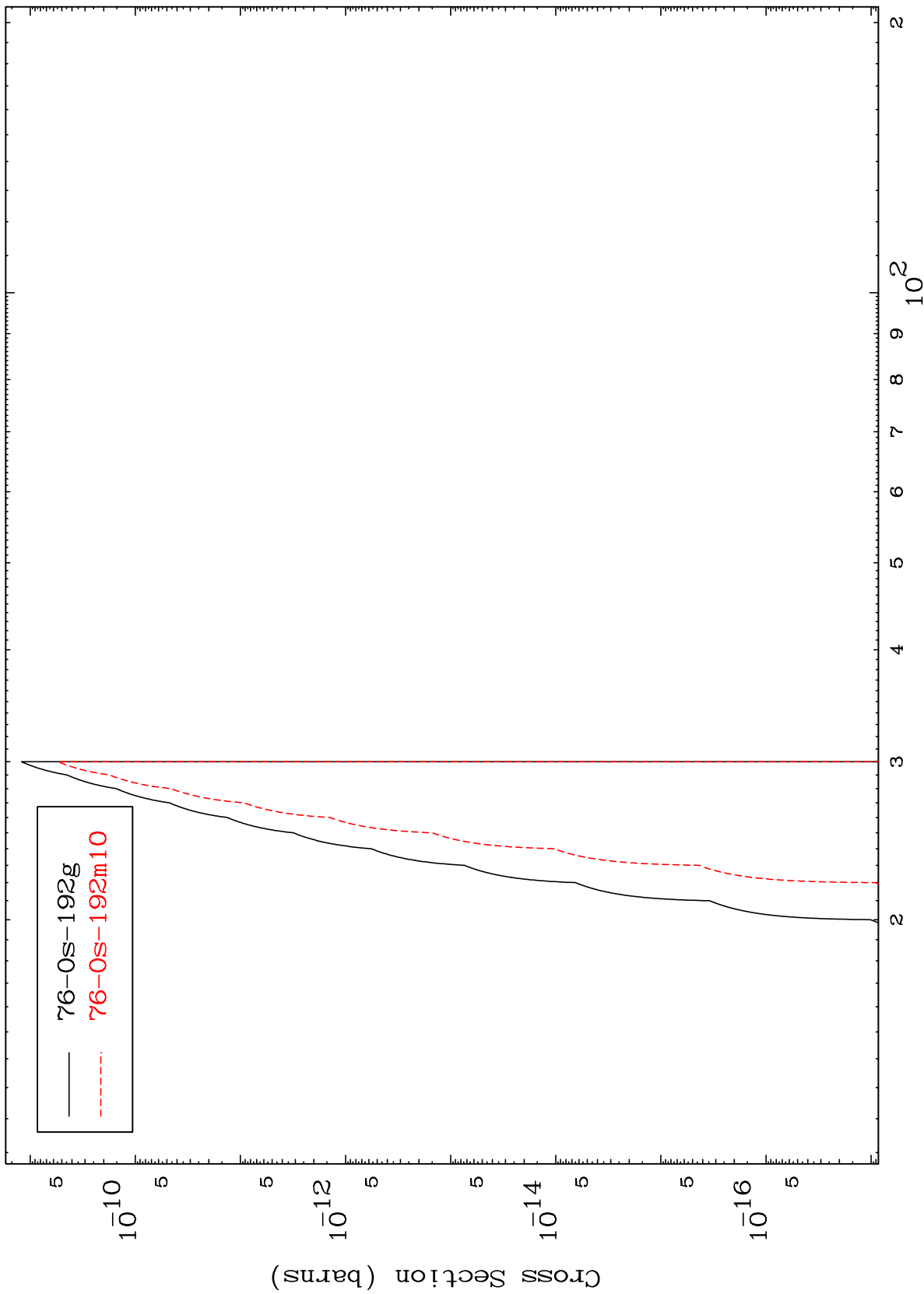


MAT 7840

(n,p) t

78-Pt-195

Radionuclide Production Cross Section



138

Incident Energy (MeV)

78-Pt-195