

Program EVALPLOT  
(Version 2018-1)

by

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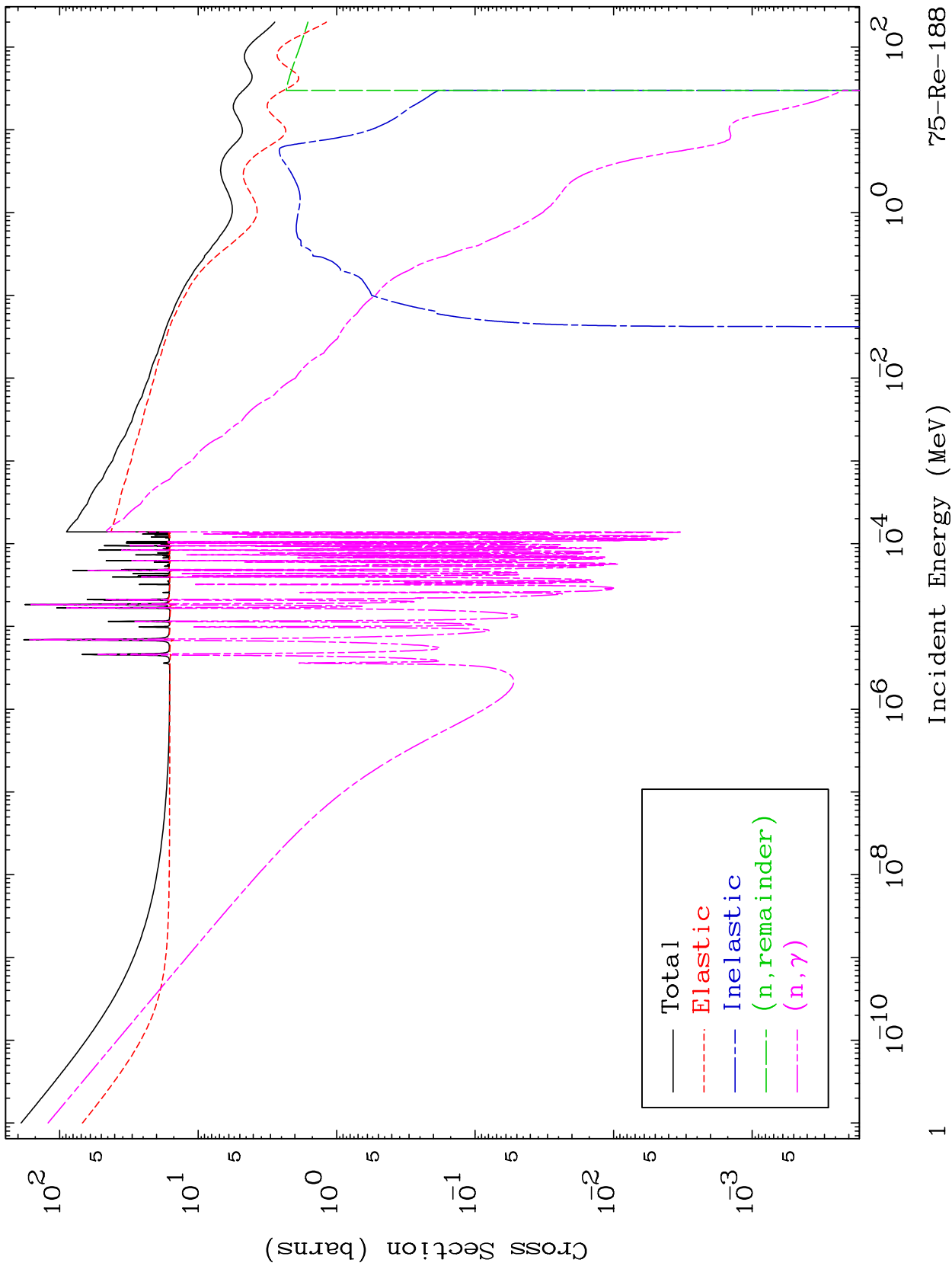
Press Mouse Button to Start

MAT 7534

Major

75-Re-188

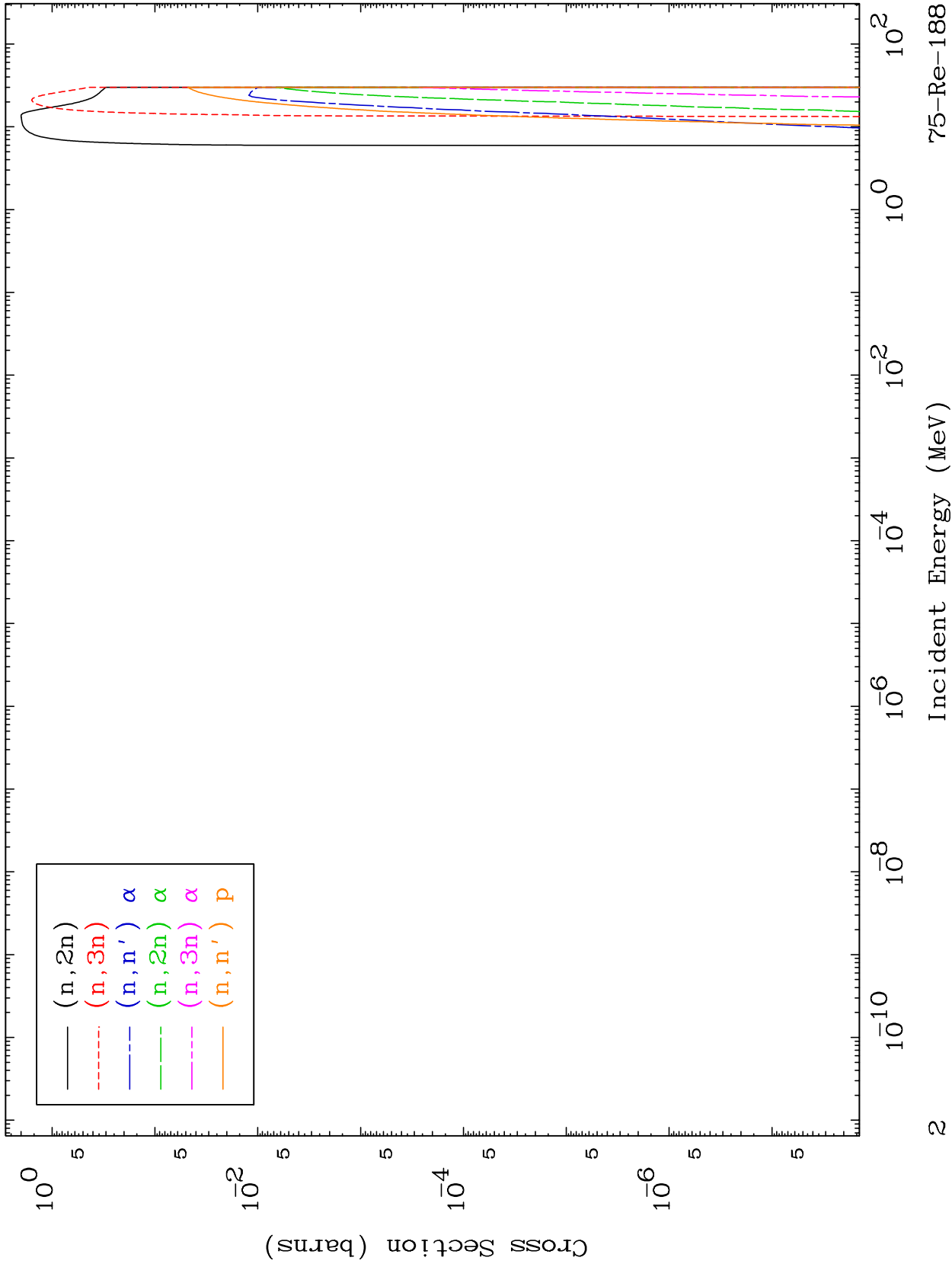
293 Kelvin Cross Sections



MAT 7534

Neutron Production  
293 Kelvin Cross Sections

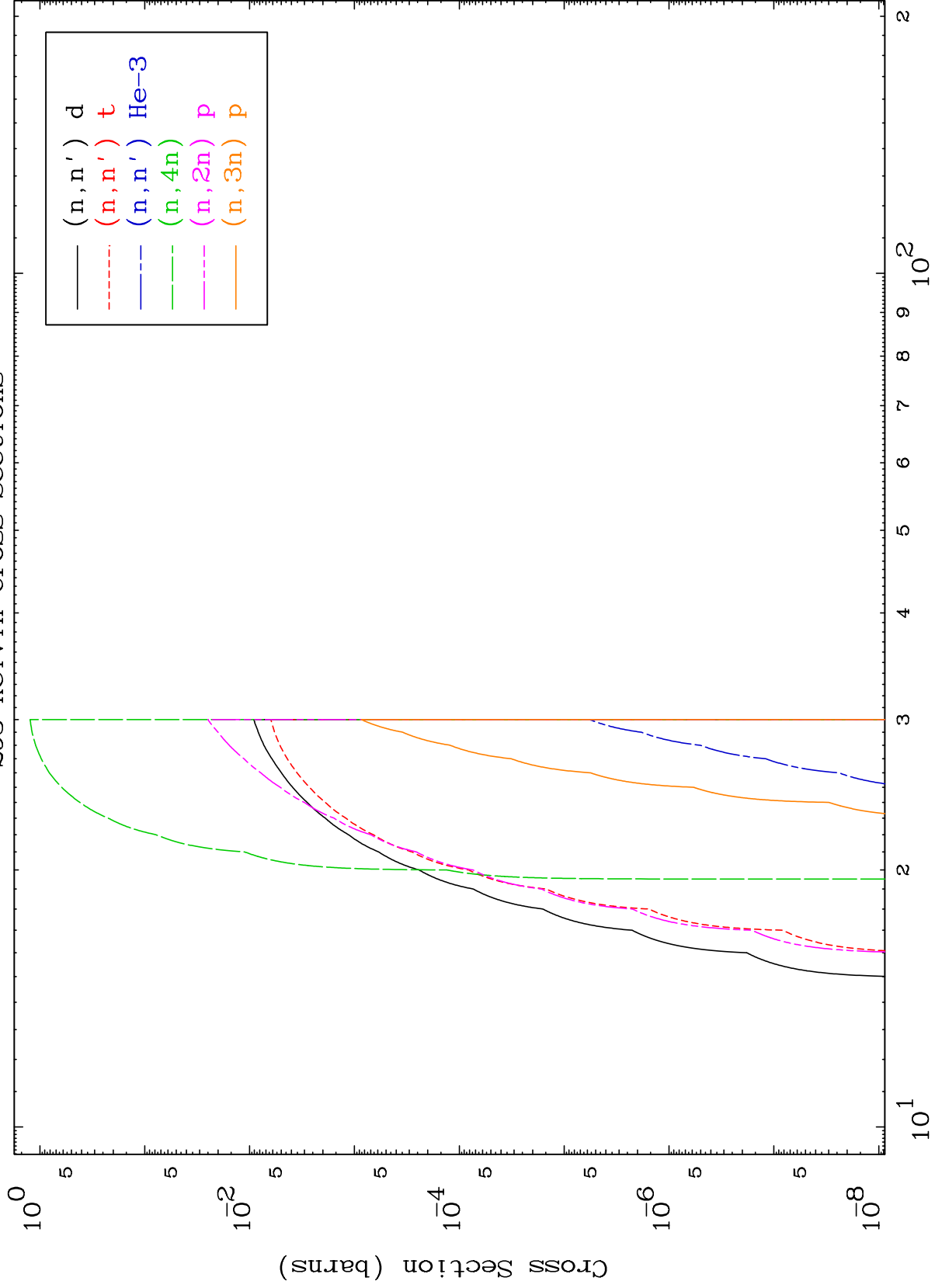
75-Re-188



MAT 7534

Neutron Production  
293 Kelvin Cross Sections

75-Re-188



75-Re-188

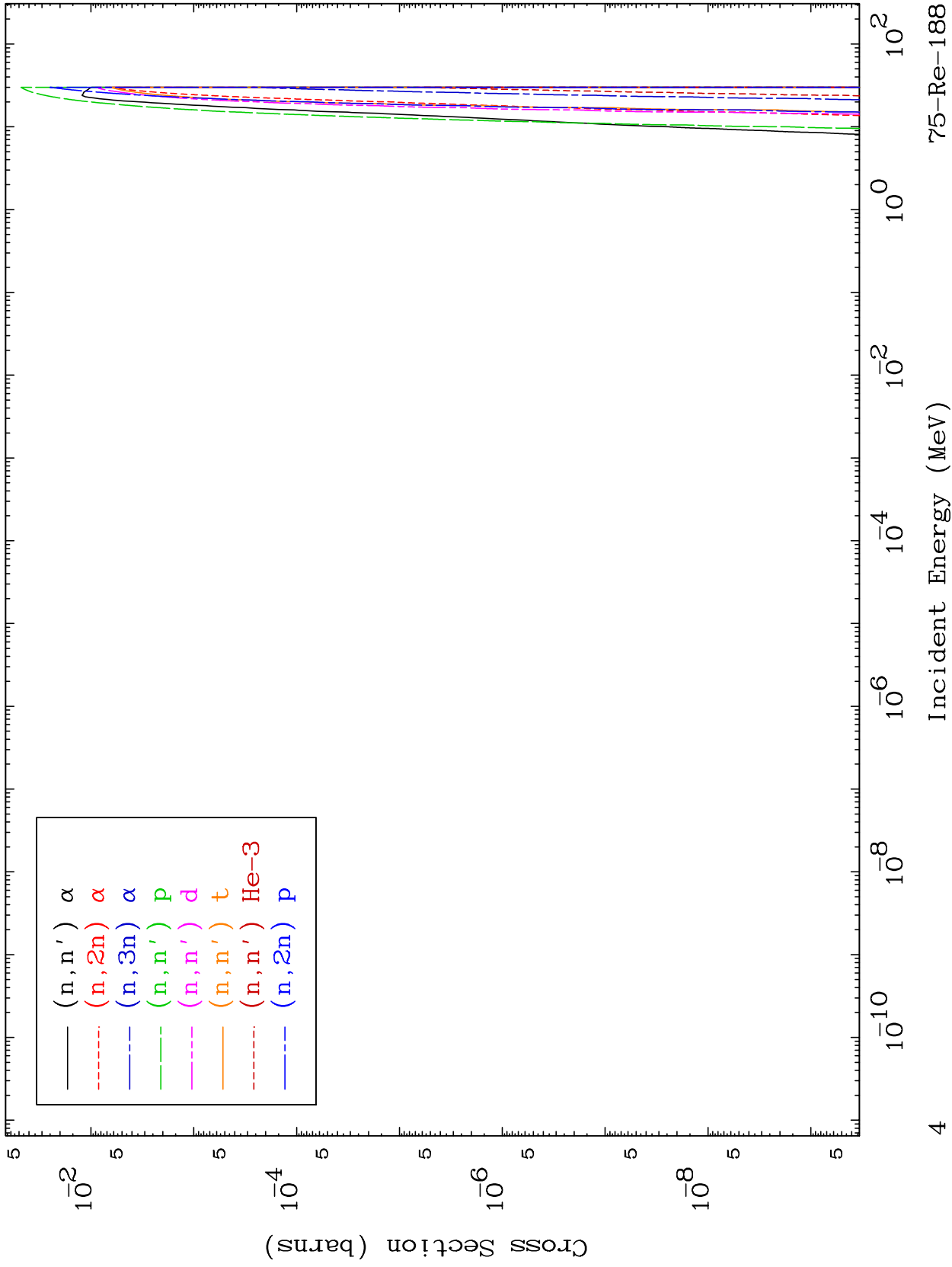
Incident Energy (MeV)

3

MAT 7534

Charged Particle  
293 Kelvin Cross Sections

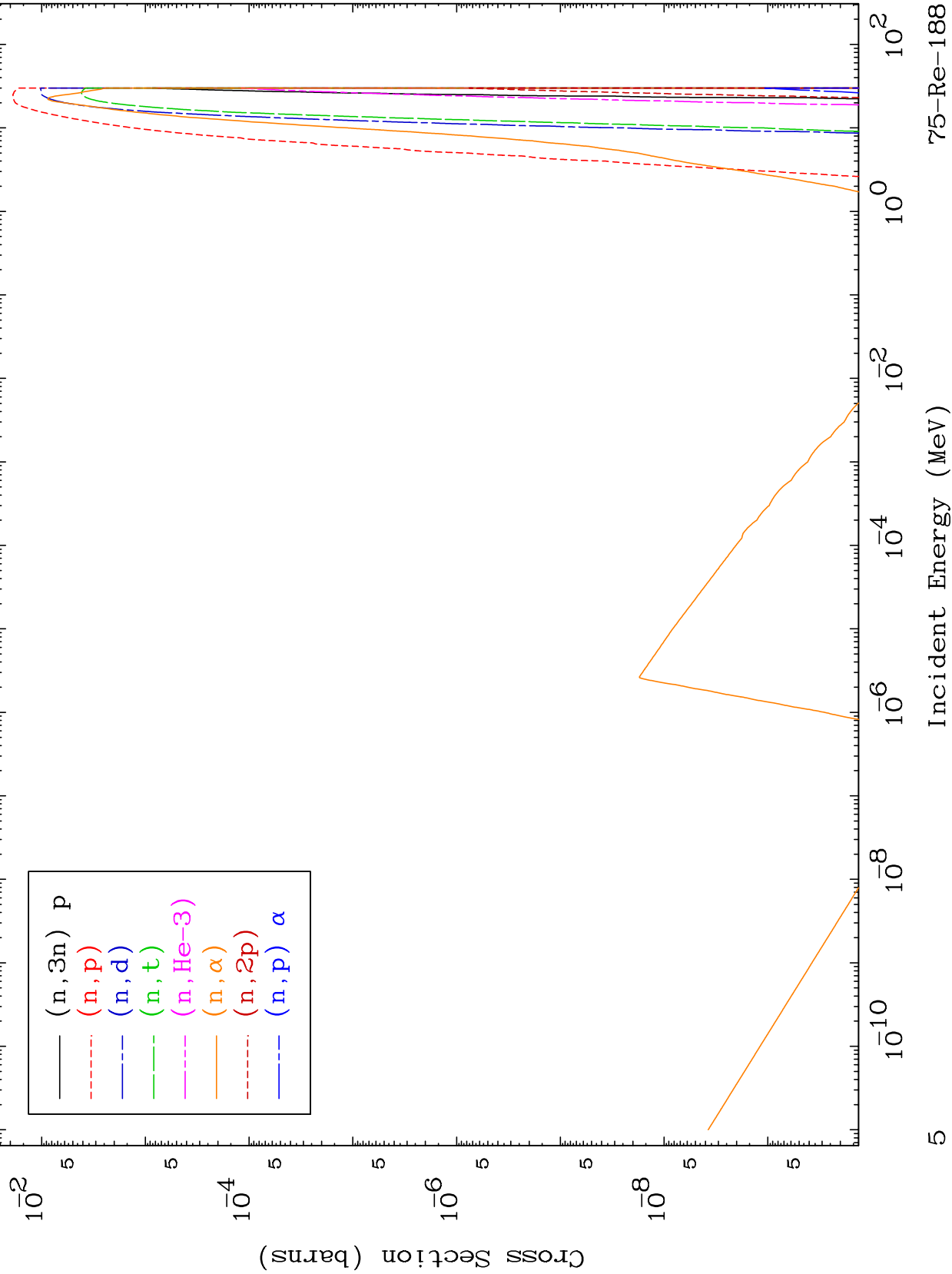
75-Re-188



MAT 7534

Charged Particle  
293 Kelvin Cross Sections

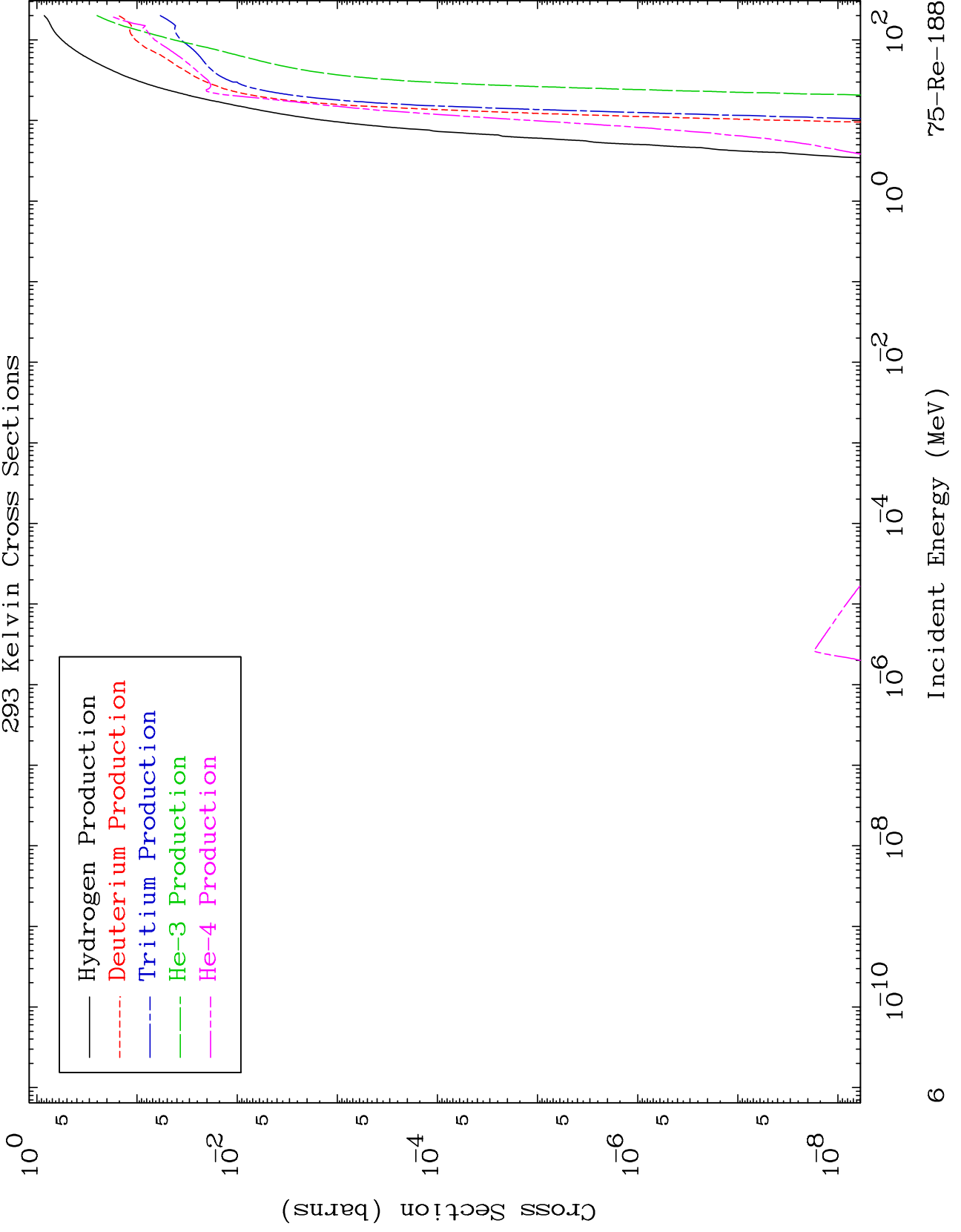
75-Re-188



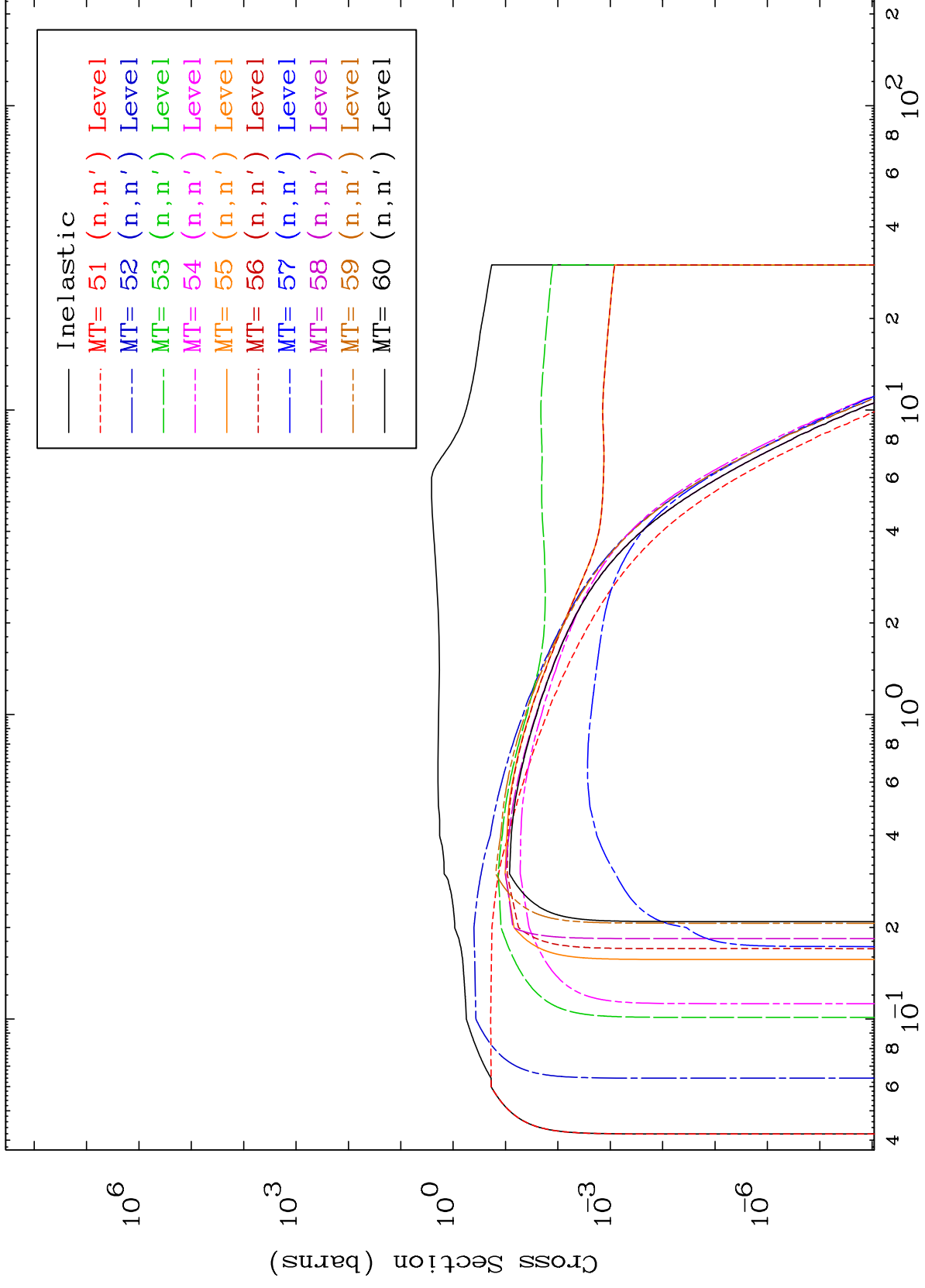
MAT 7534

Particle Production  
293 Kelvin Cross Sections

75-Re-188



293 Kelvin Cross Sections



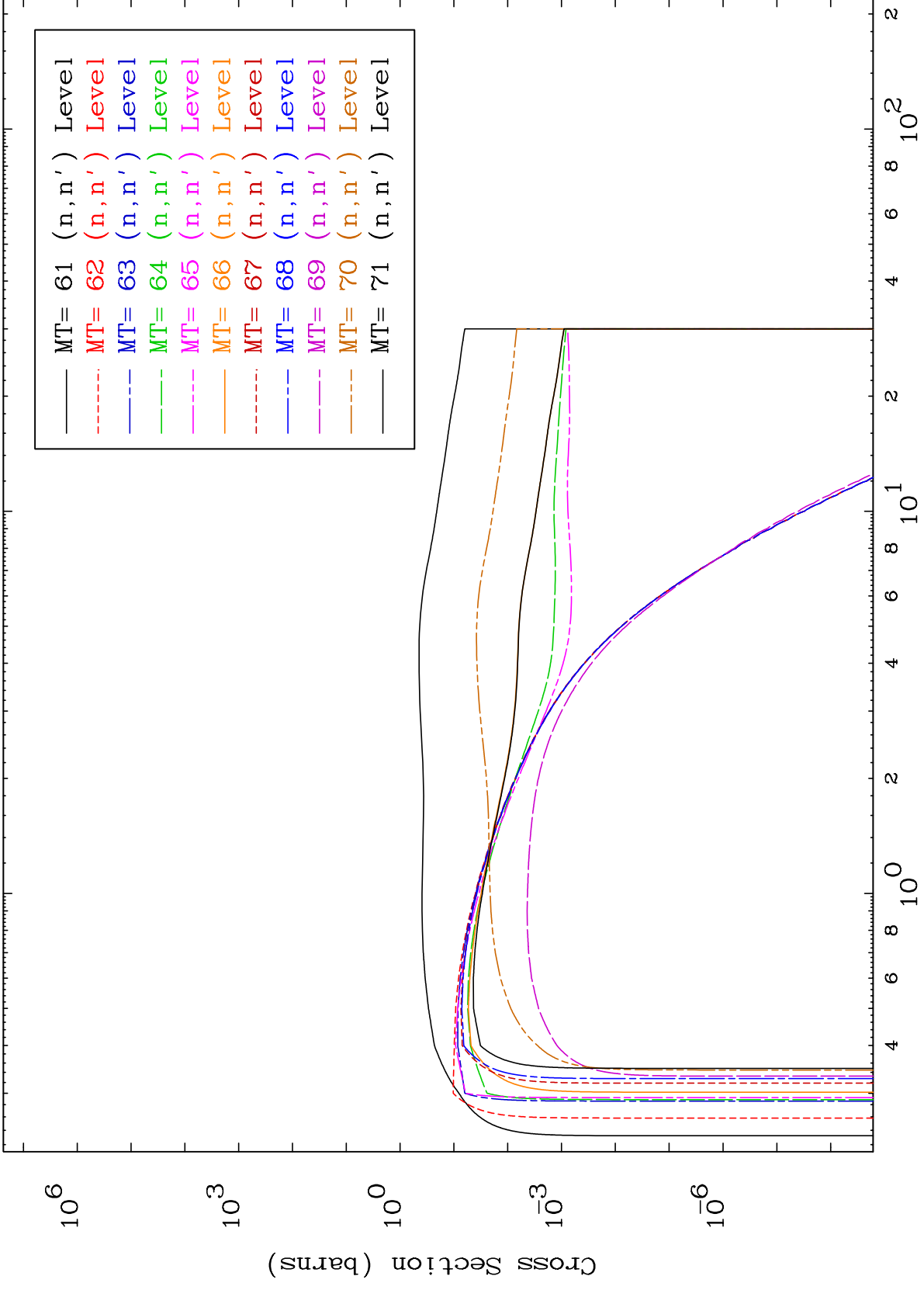


MAT 7534

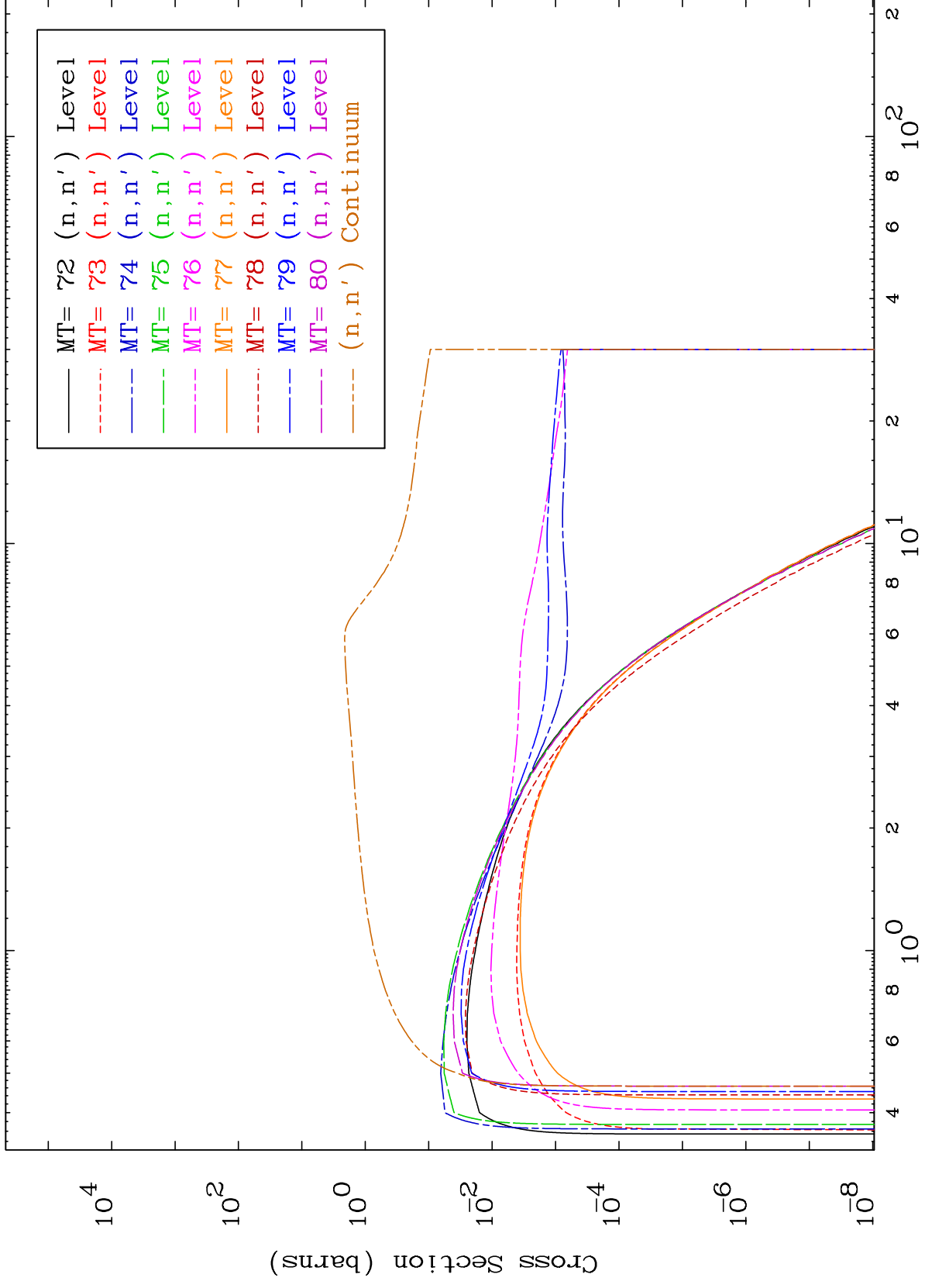
(n,n') Level

75-Re-188

293 Kelvin Cross Sections



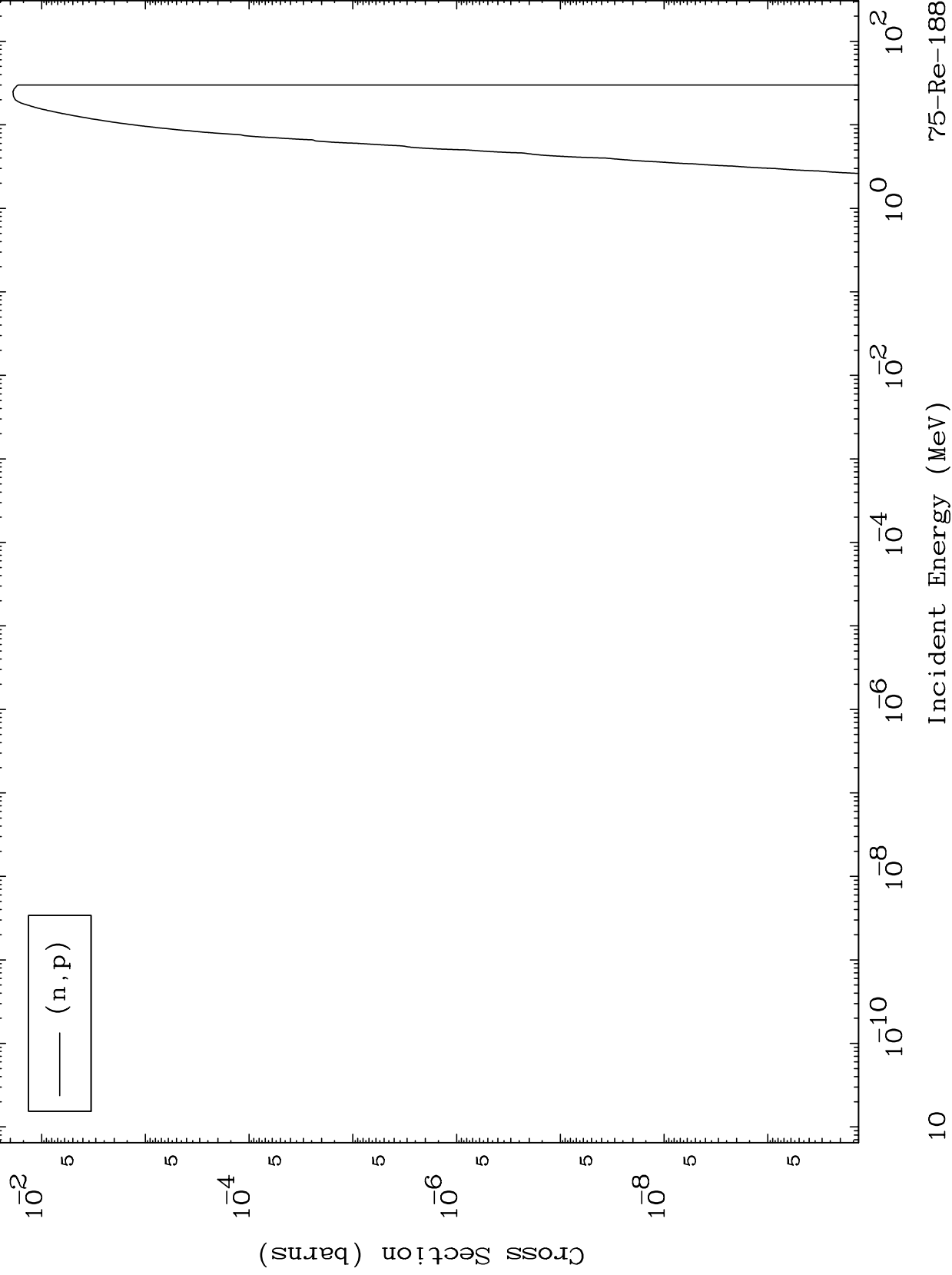
293 Kelvin Cross Sections



MAT 7534

(n,p) Levels  
293 Kelvin Cross Sections

75-Re-188



10

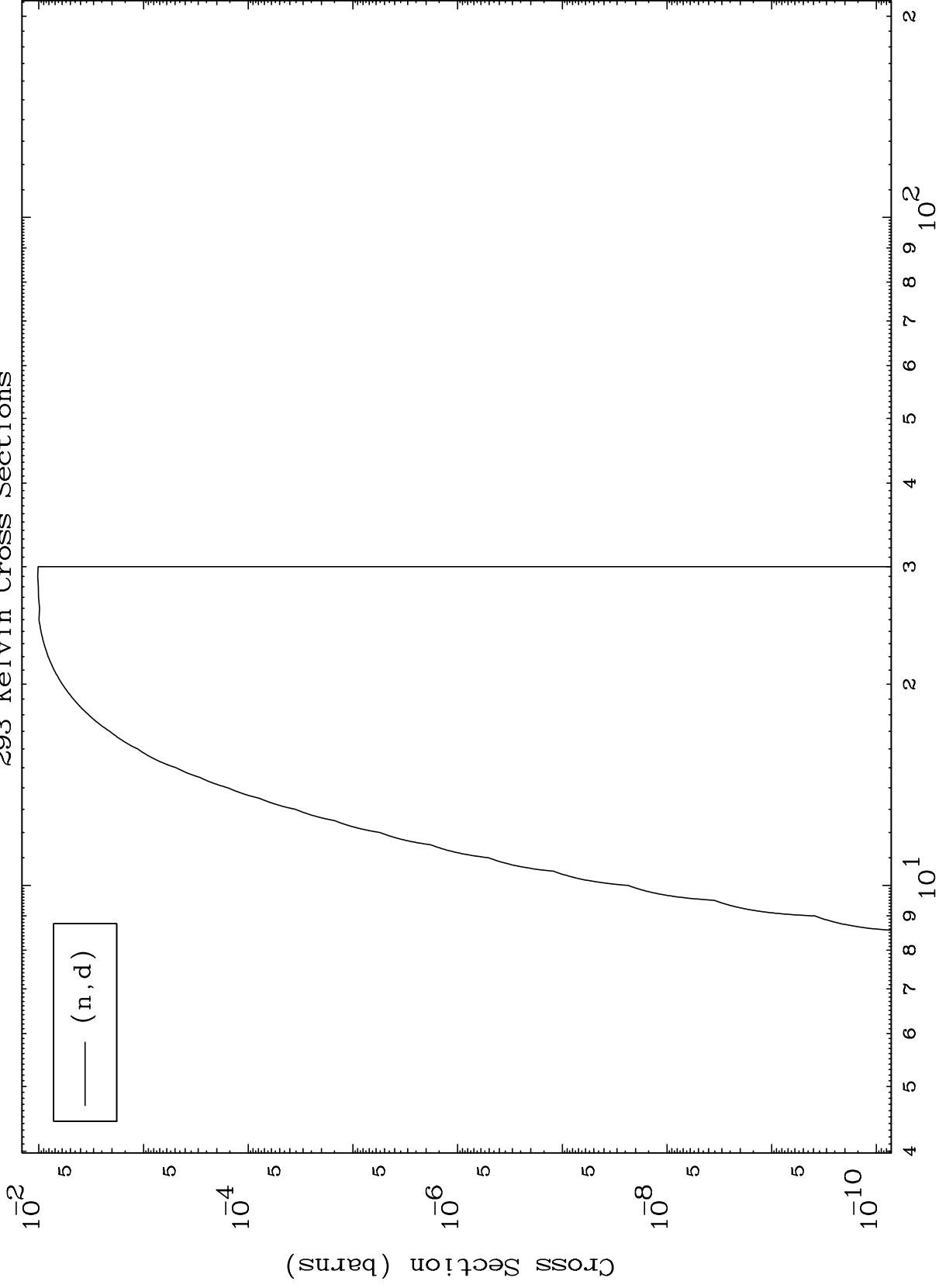
Incident Energy (MeV)

75-Re-188

MAT 7534

(n,d) Levels  
293 Kelvin Cross Sections

75-Re-188



11

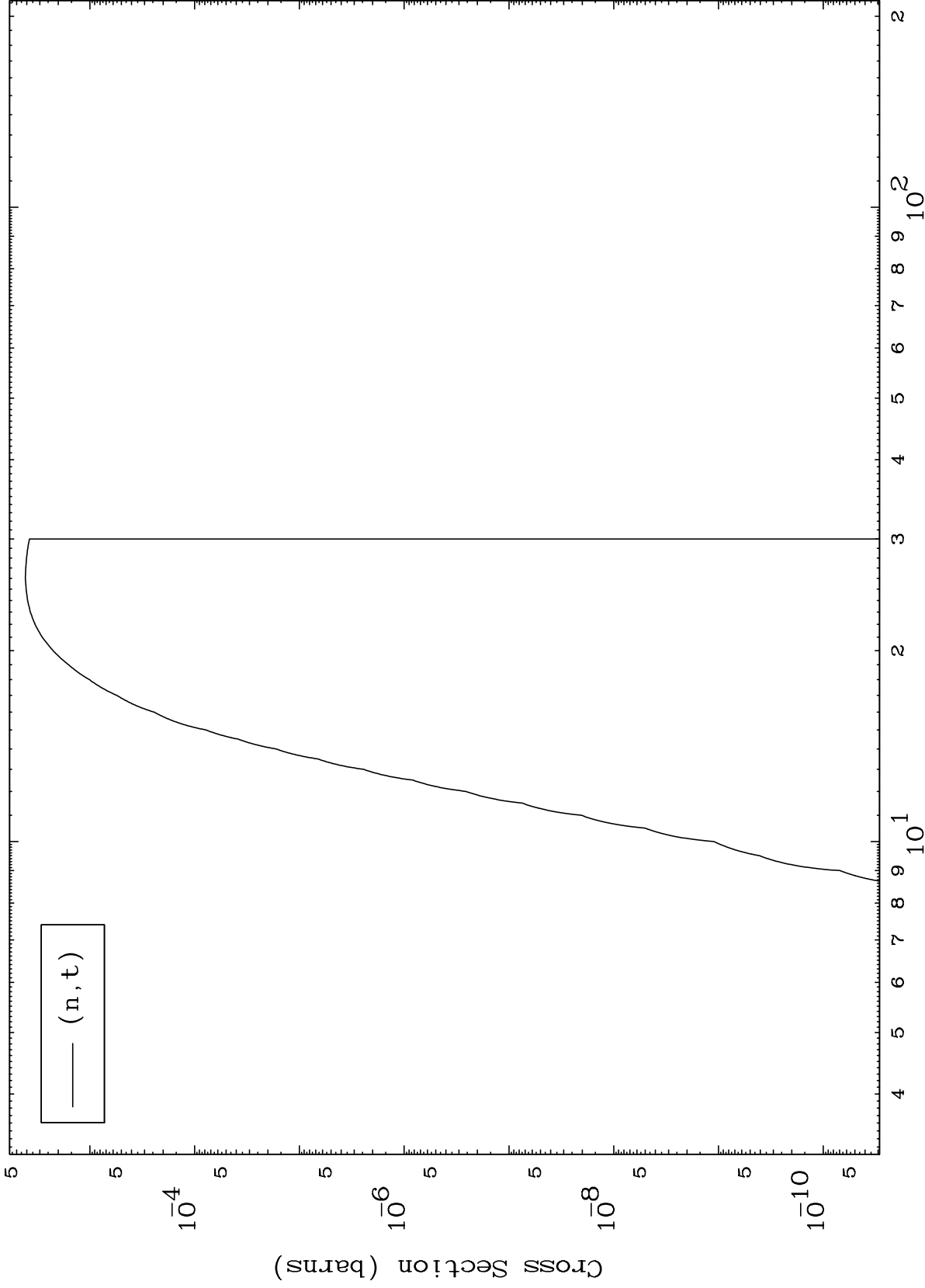
Incident Energy (MeV)

75-Re-188

MAT 7534

(n,t) Levels  
293 Kelvin Cross Sections

75-Re-188



12

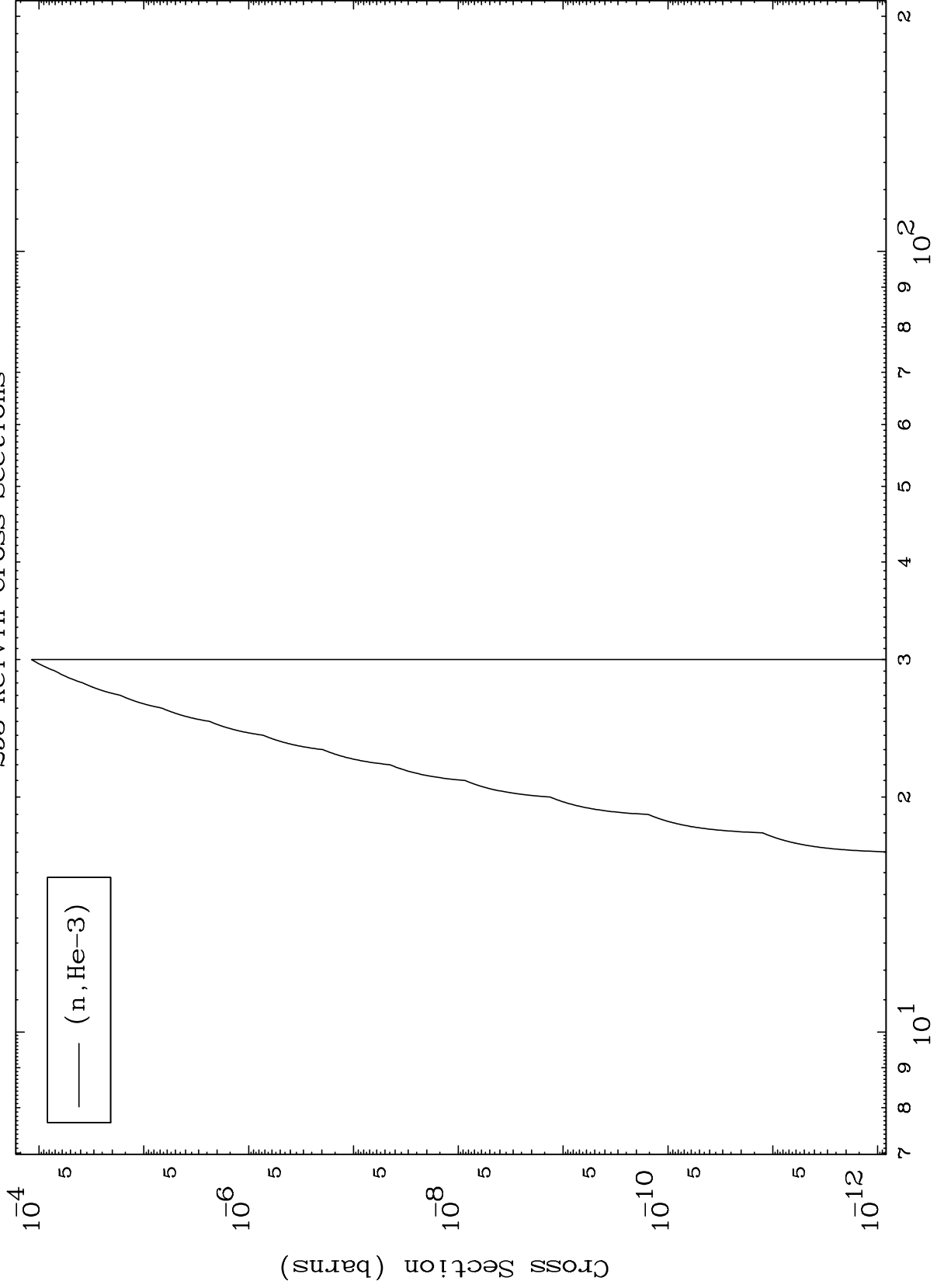
Incident Energy (MeV)

75-Re-188

MAT 7534

(n,He3) Levels  
293 Kelvin Cross Sections

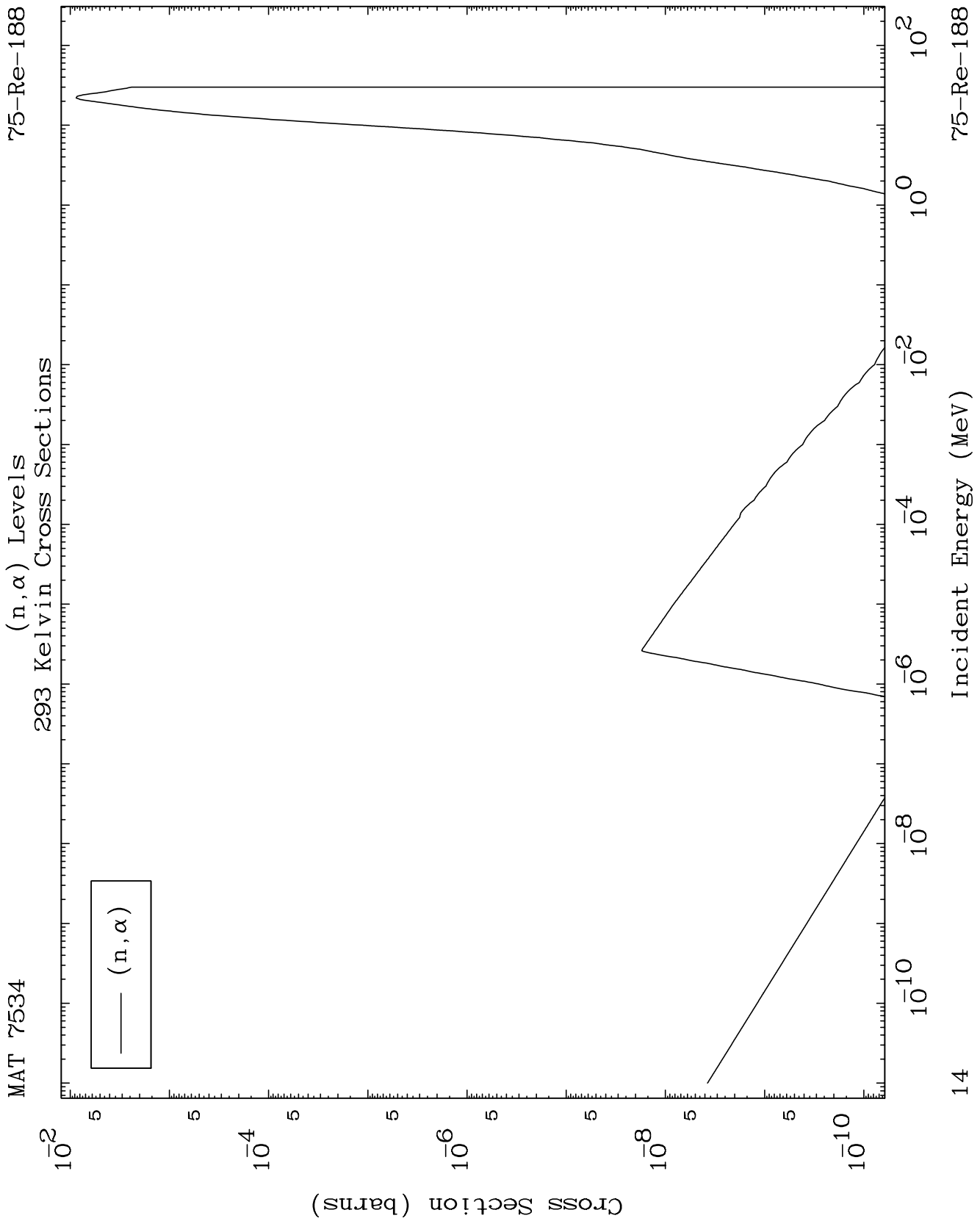
75-Re-188

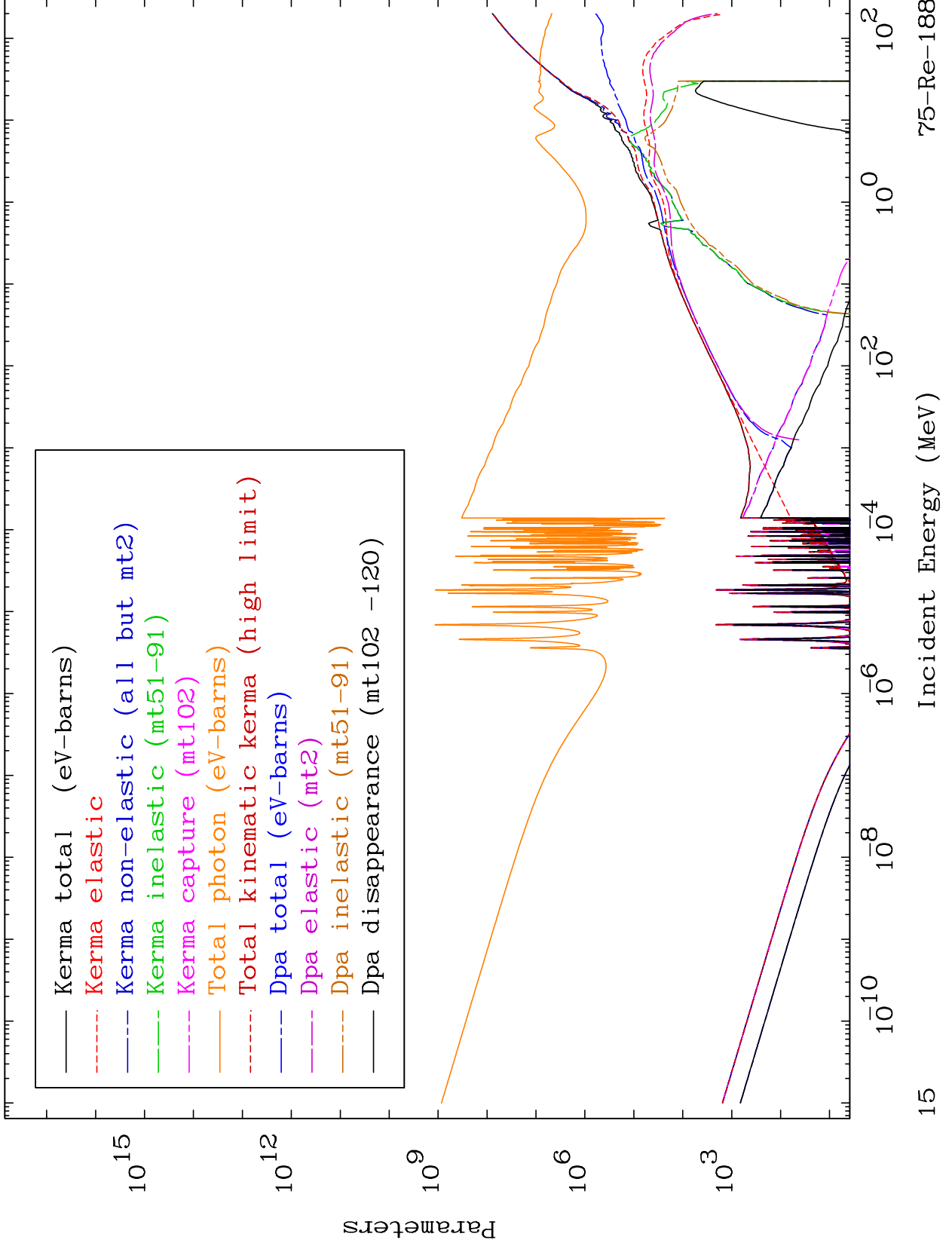


13

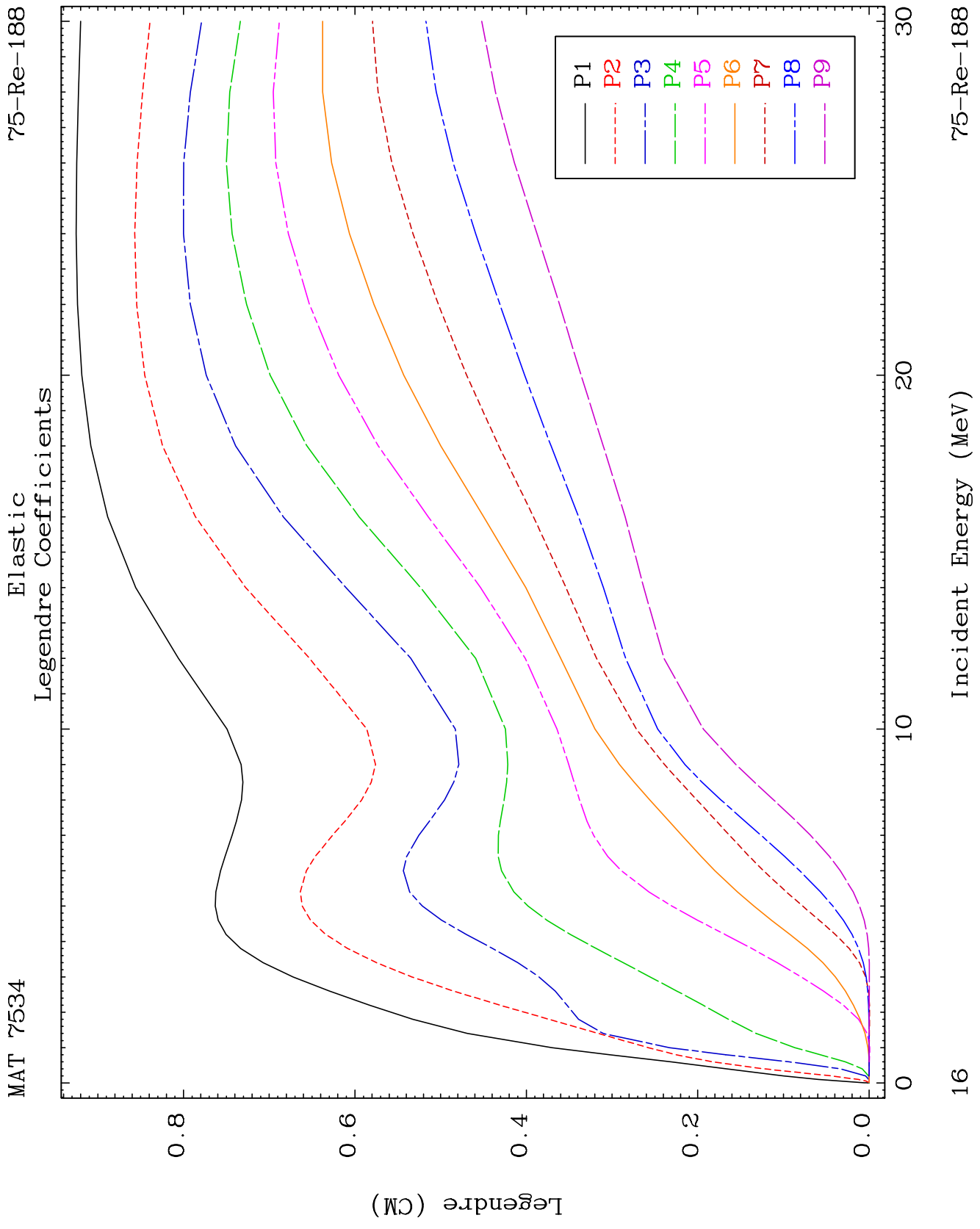
Incident Energy (MeV)

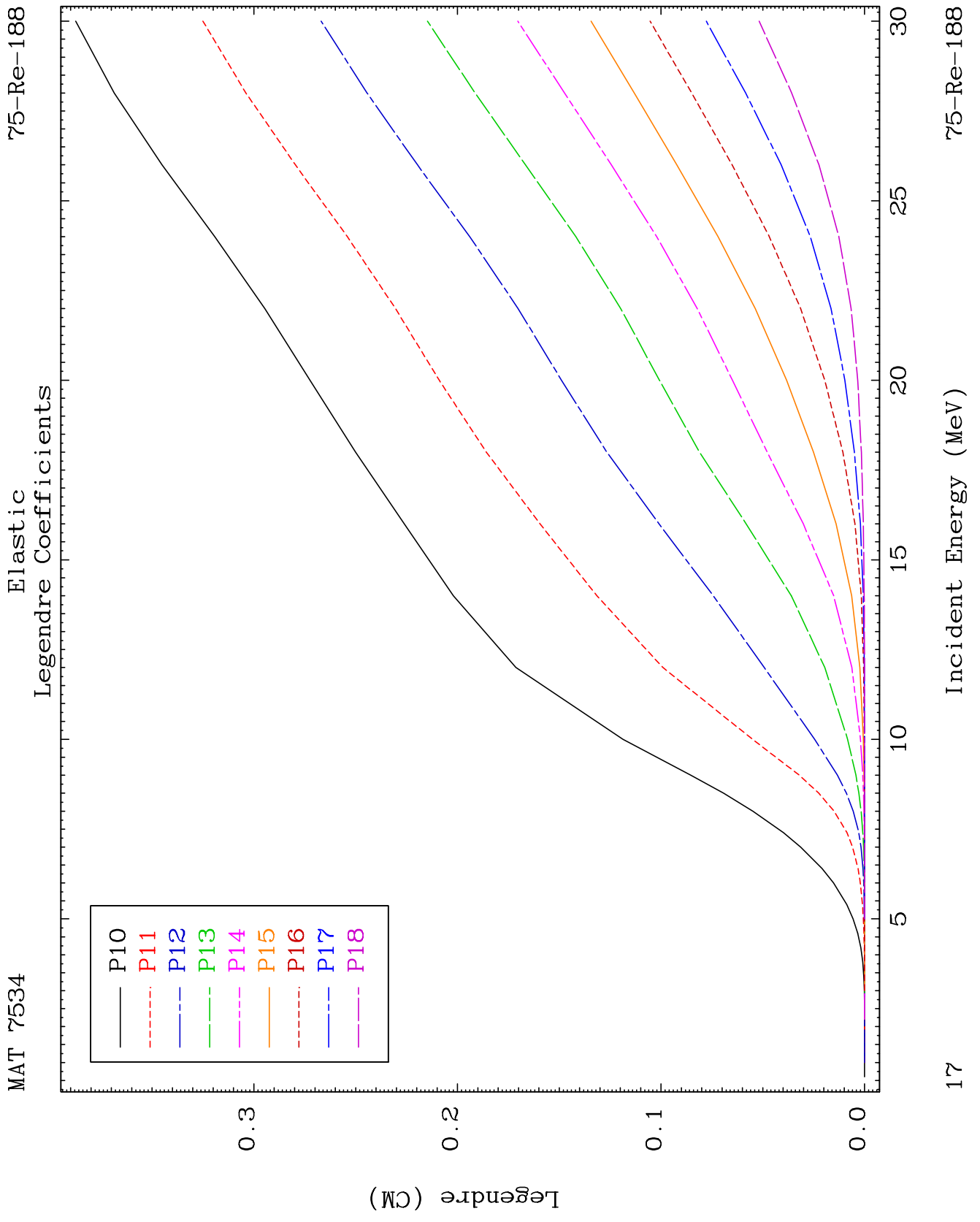
75-Re-188







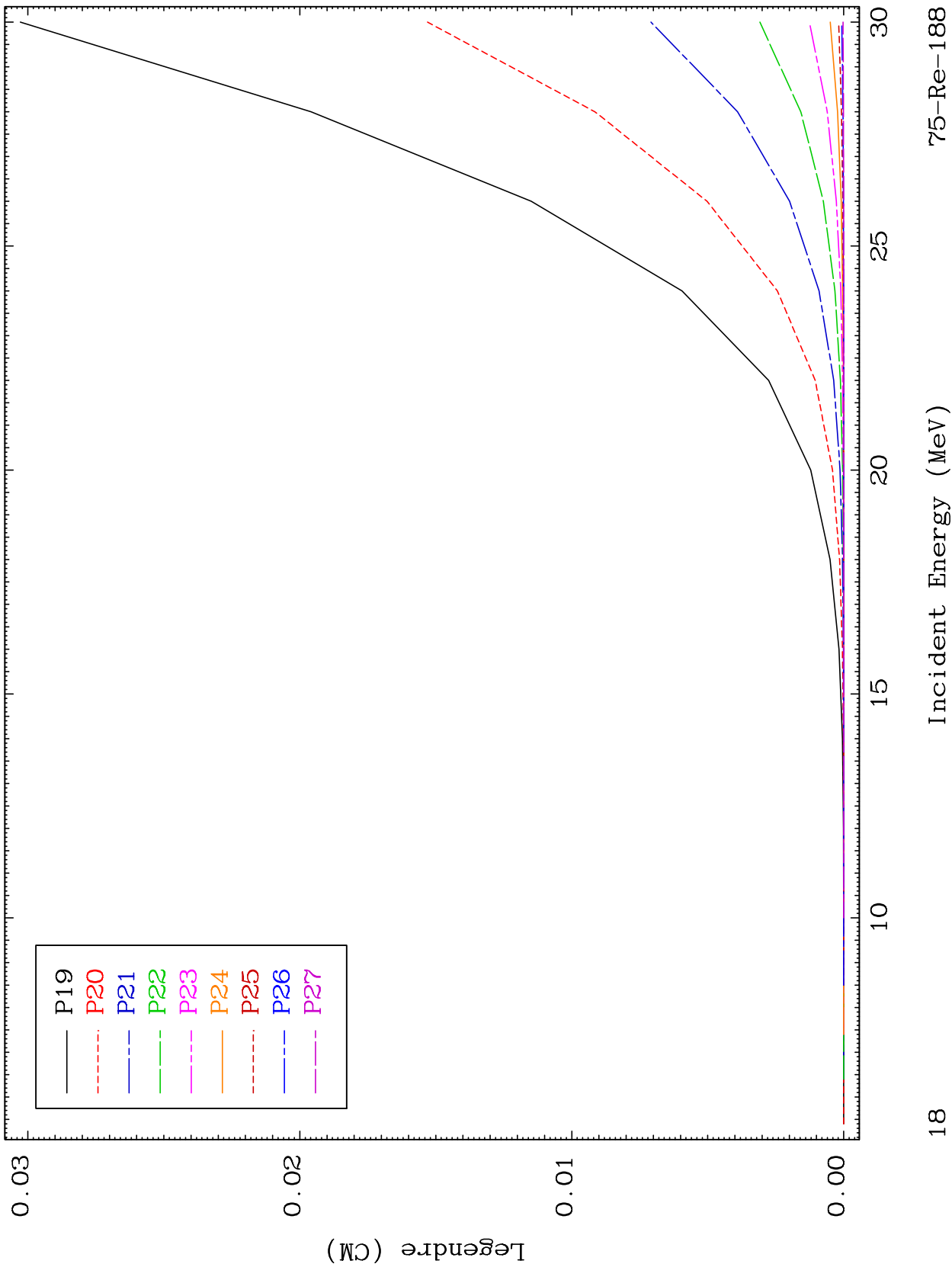




MAT 7534

Elastic Legendre Coefficients

75-Re-188



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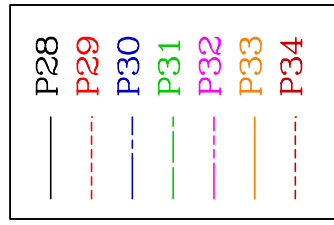
Incident Energy (MeV)

75-Re-188

MAT 7534

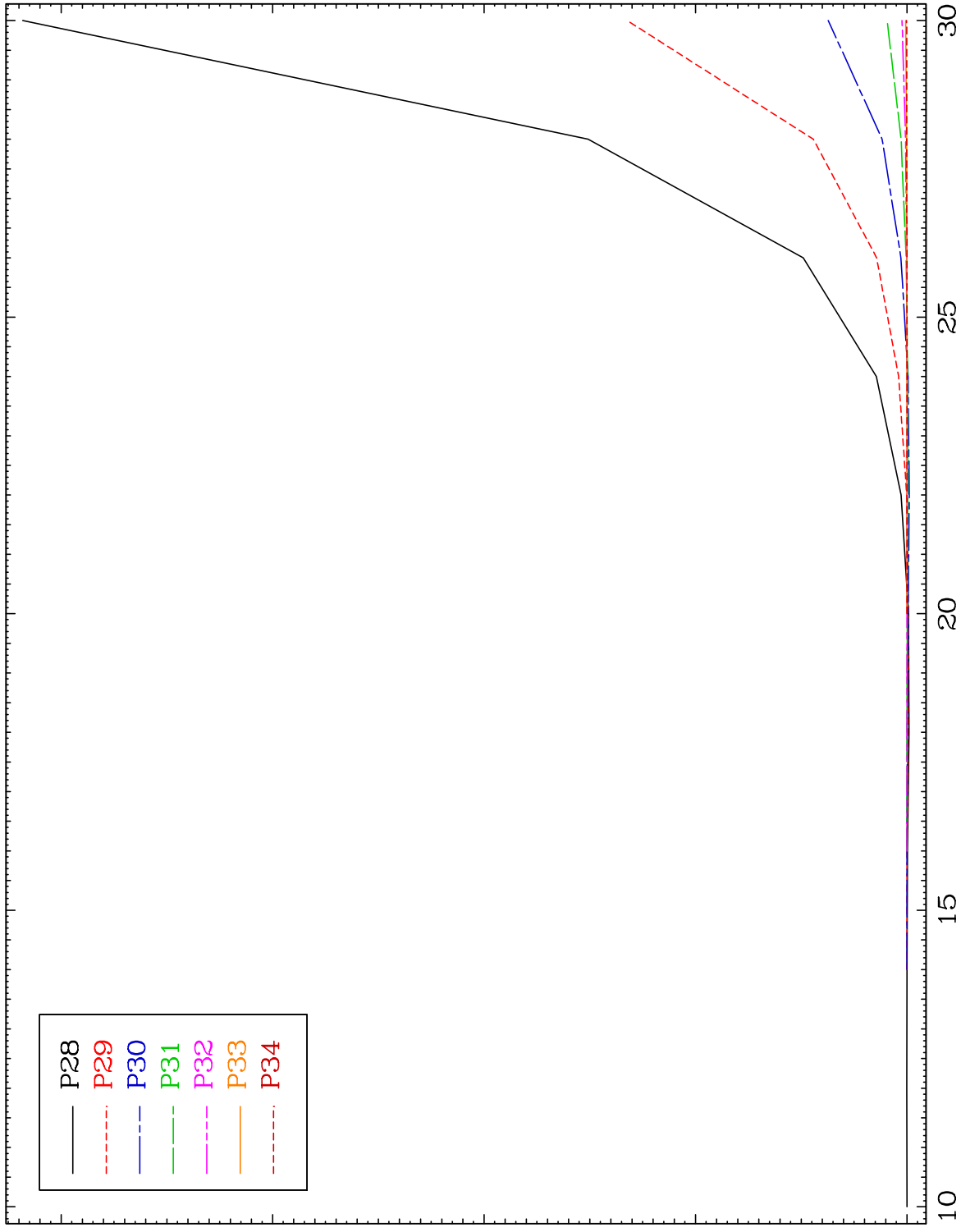
Elastic Legendre Coefficients

75-Re-188



$\times 10^{-68}$

Legendre (CM)



Incident Energy (MeV)

75-Re-188

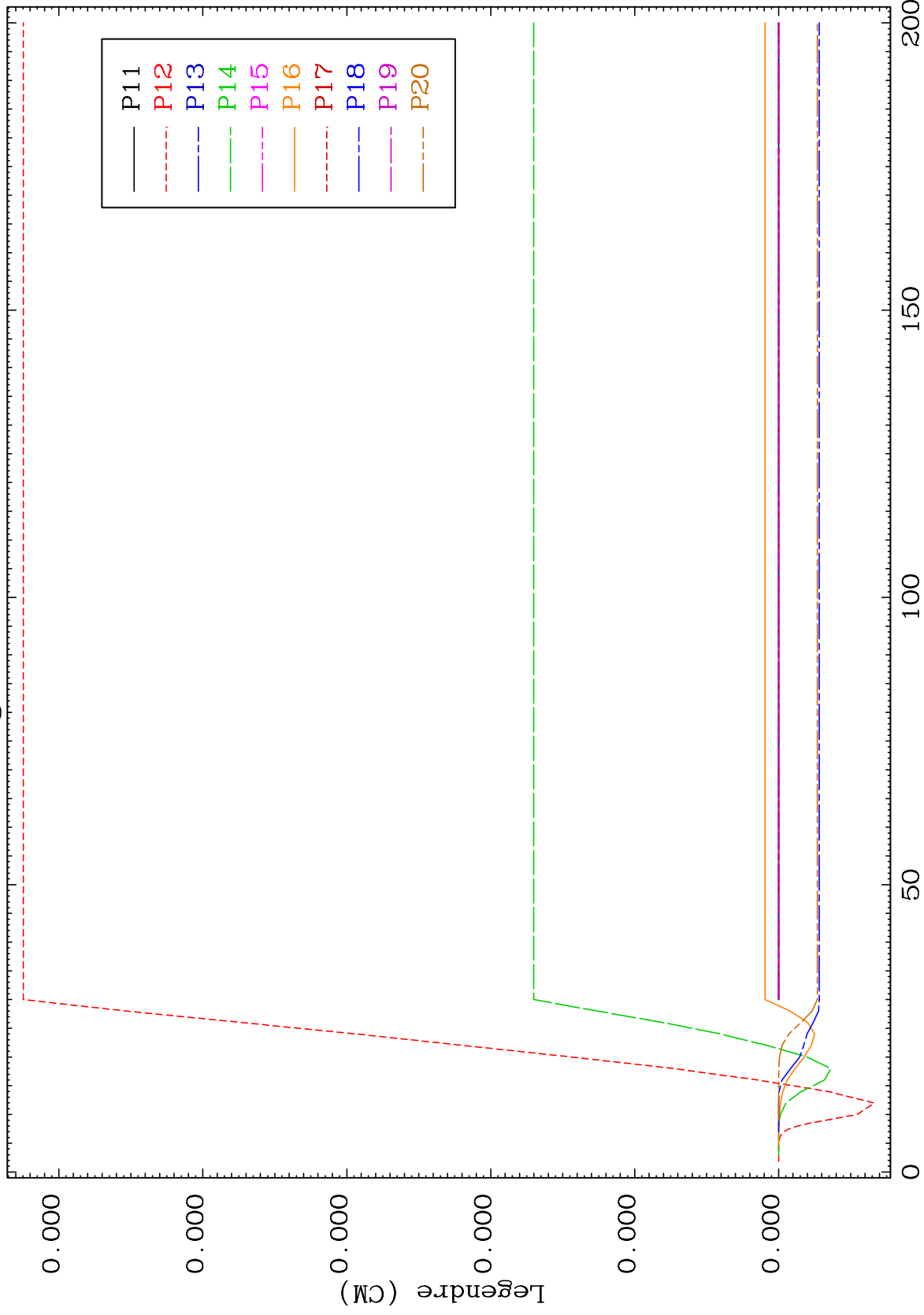
19



MAT 7534

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

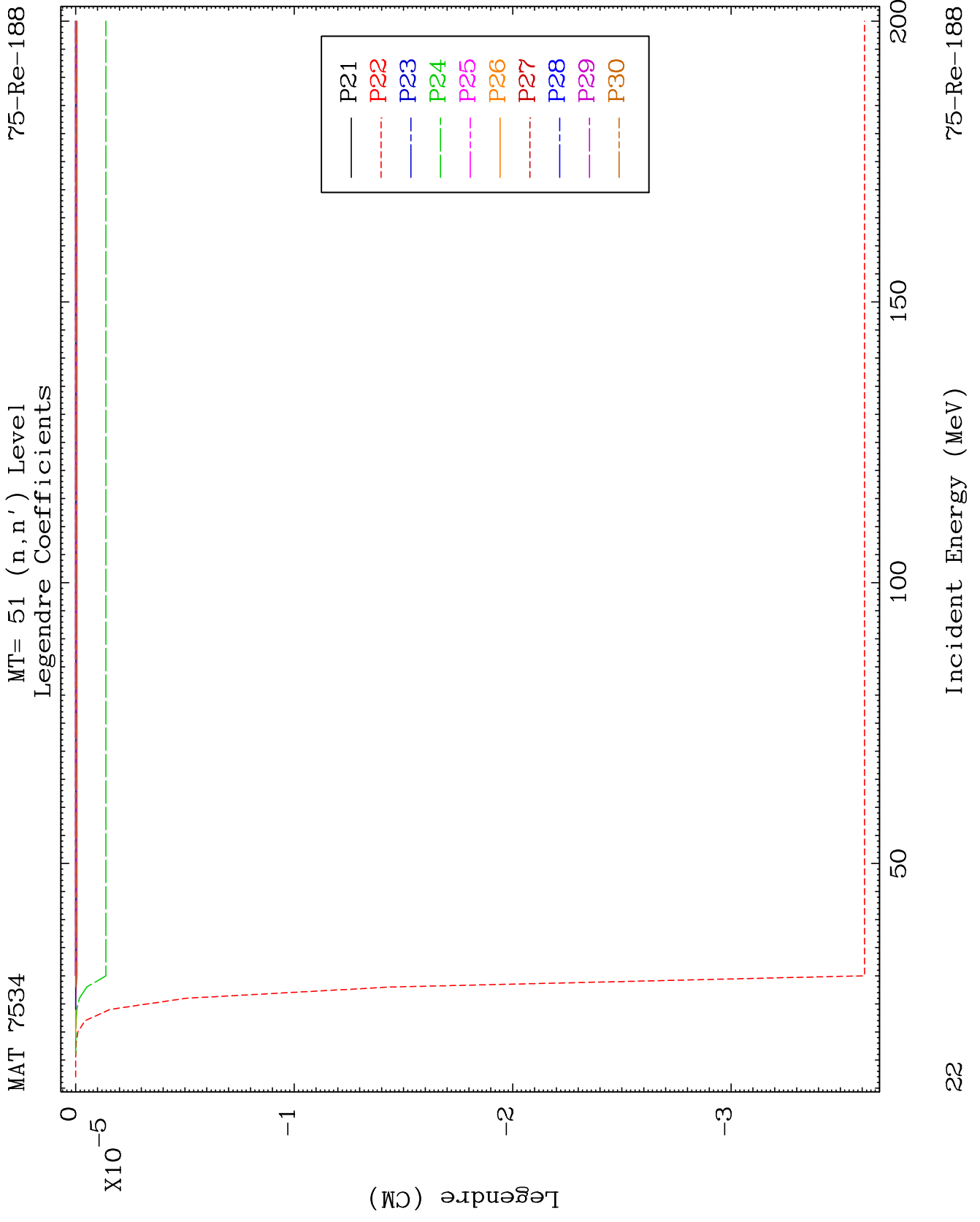
75-Re-188



21

Incident Energy (MeV)

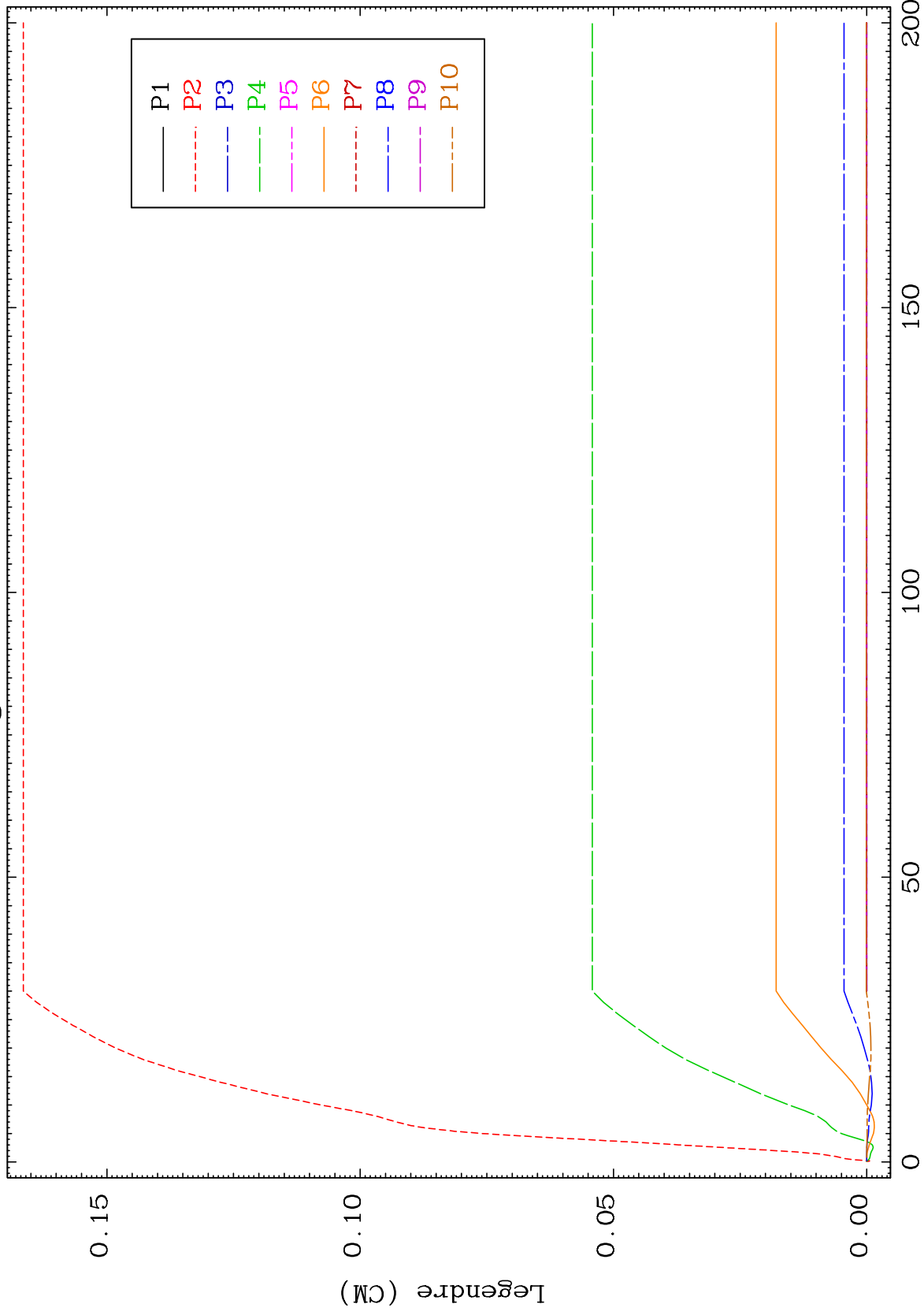
75-Re-188



MAT 7534

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

75-Re-188



23

Incident Energy (MeV)

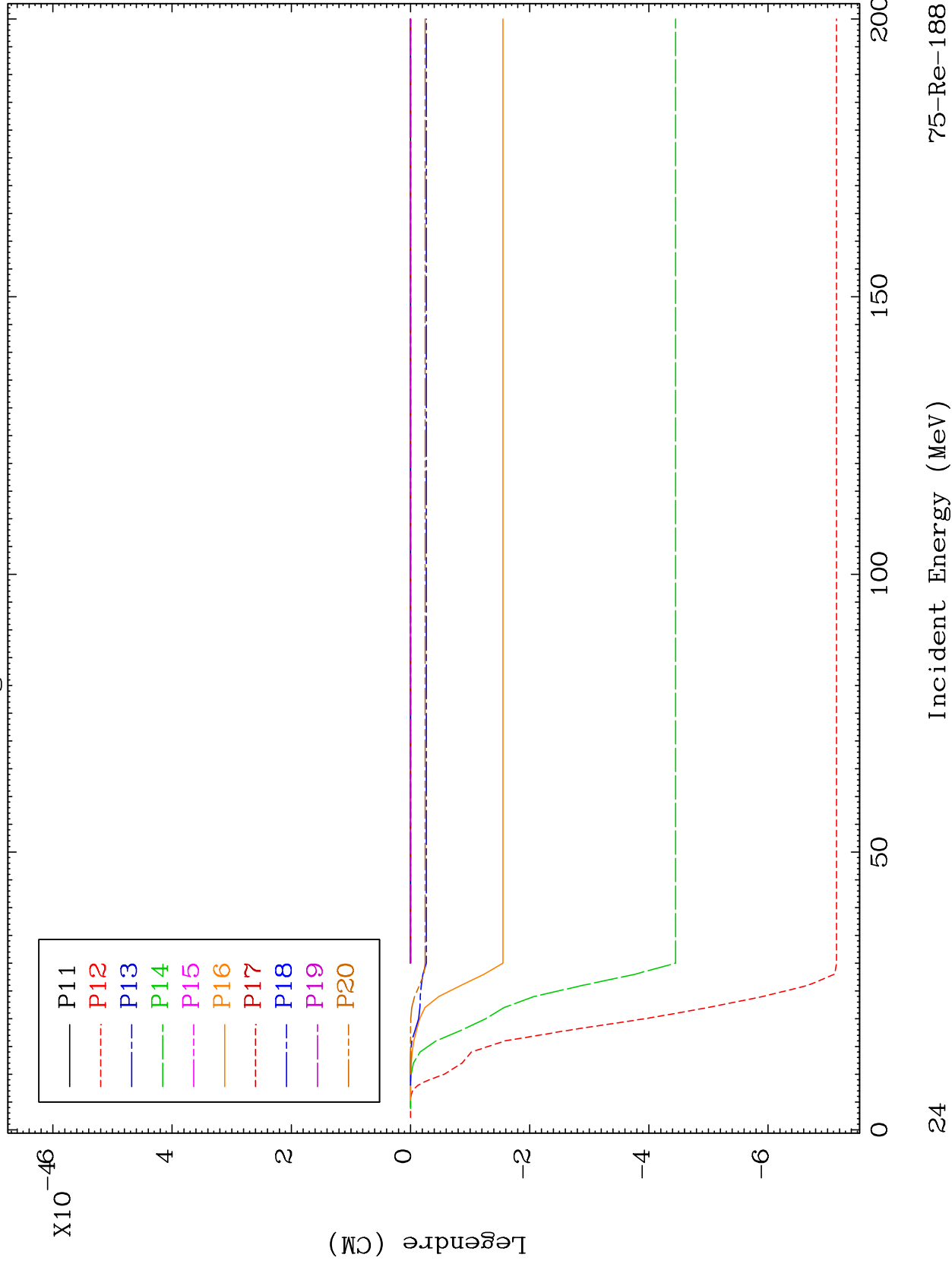
75-Re-188



MAT 7534

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

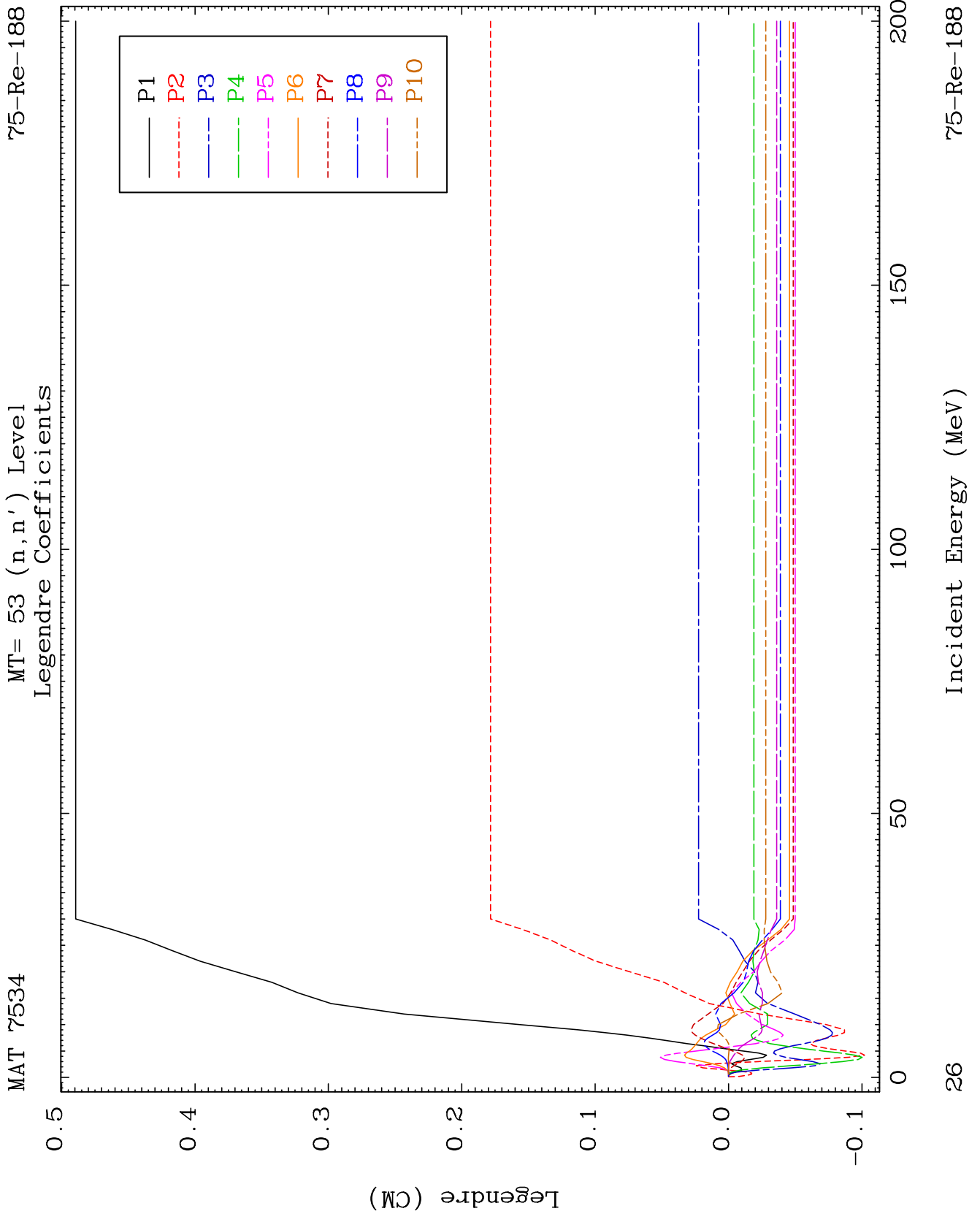
75-Re-188



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75-Re-188

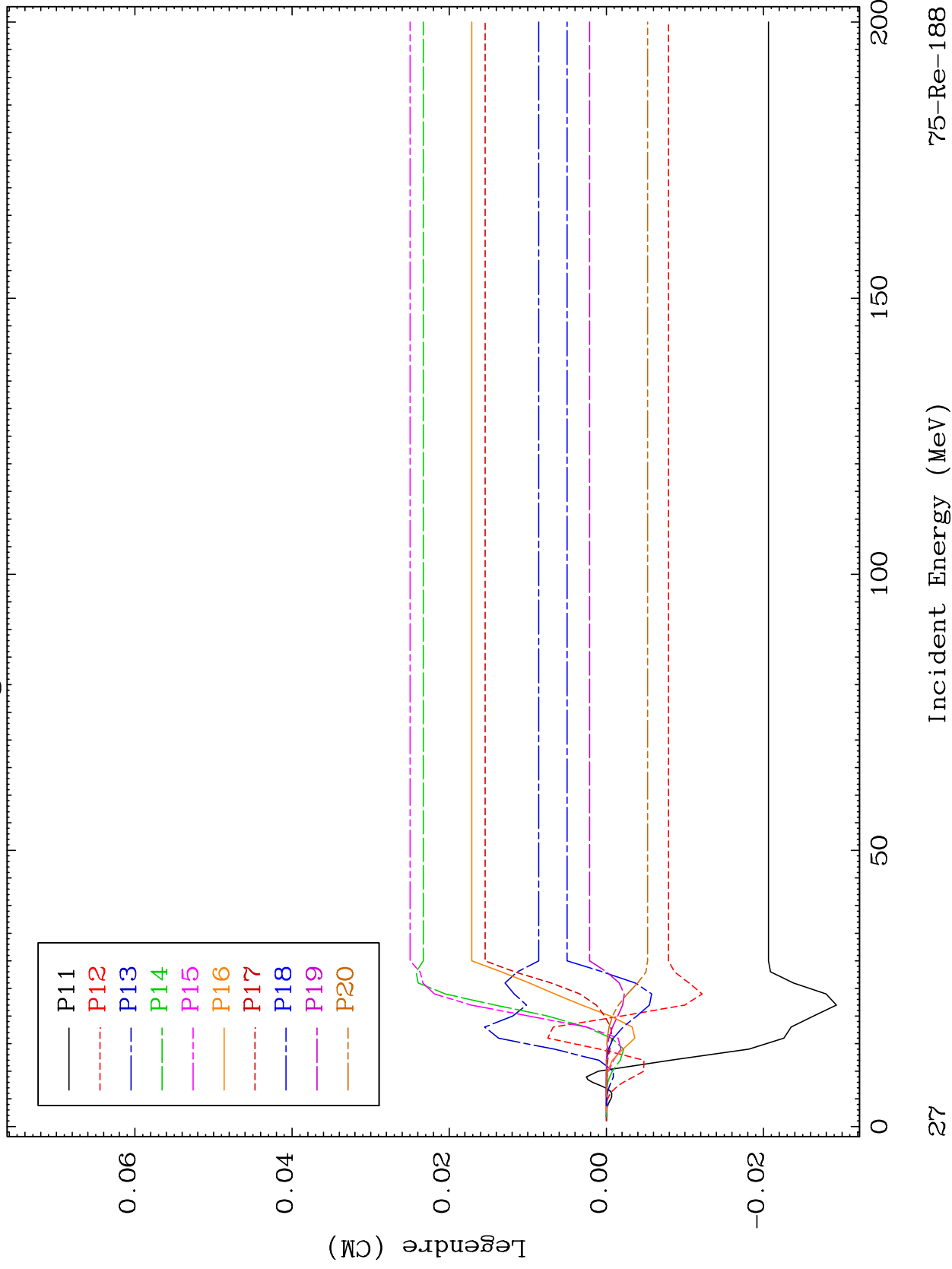




MAT 7534

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

75-Re-188



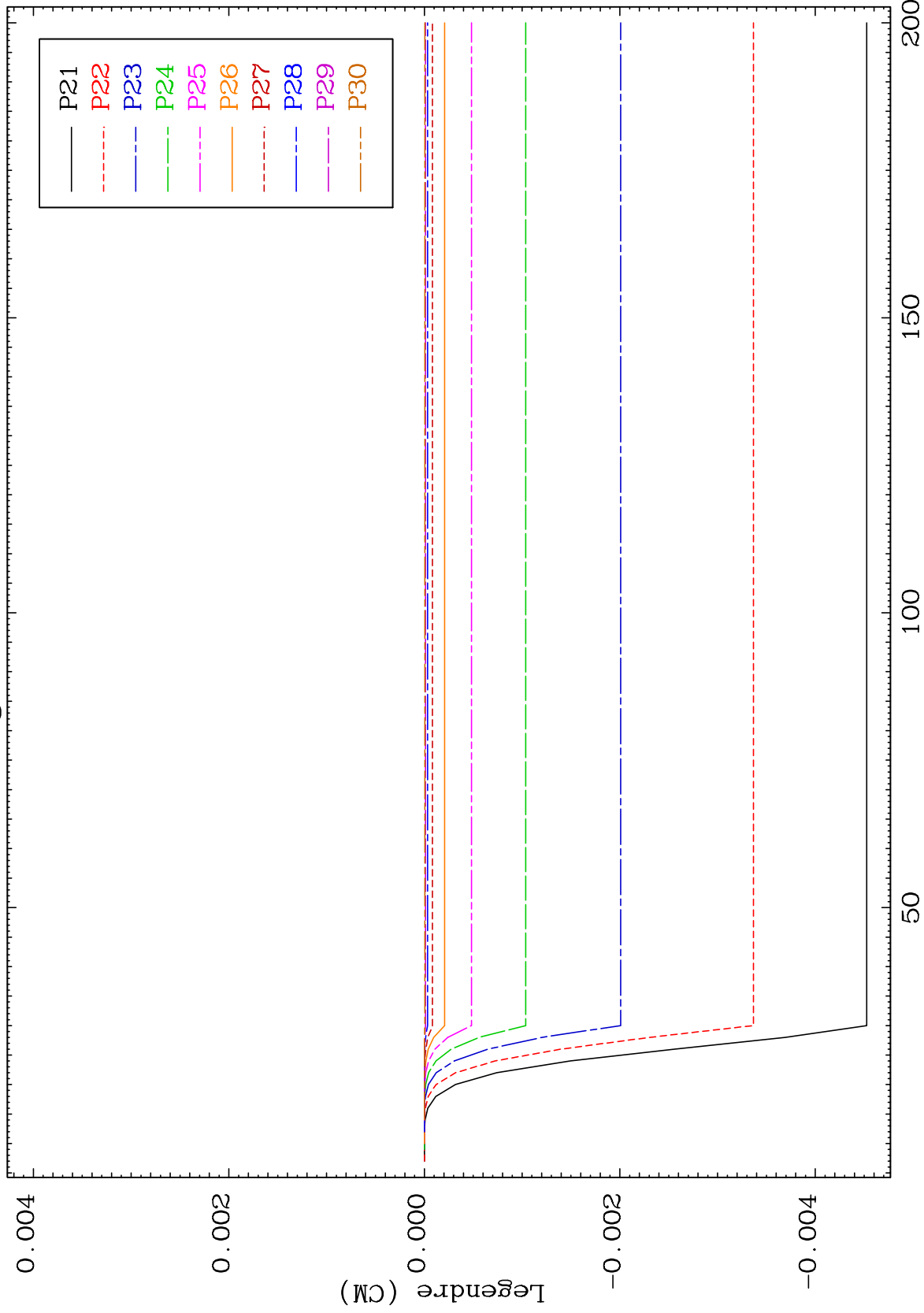
27

75-Re-188

MAT 7534

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

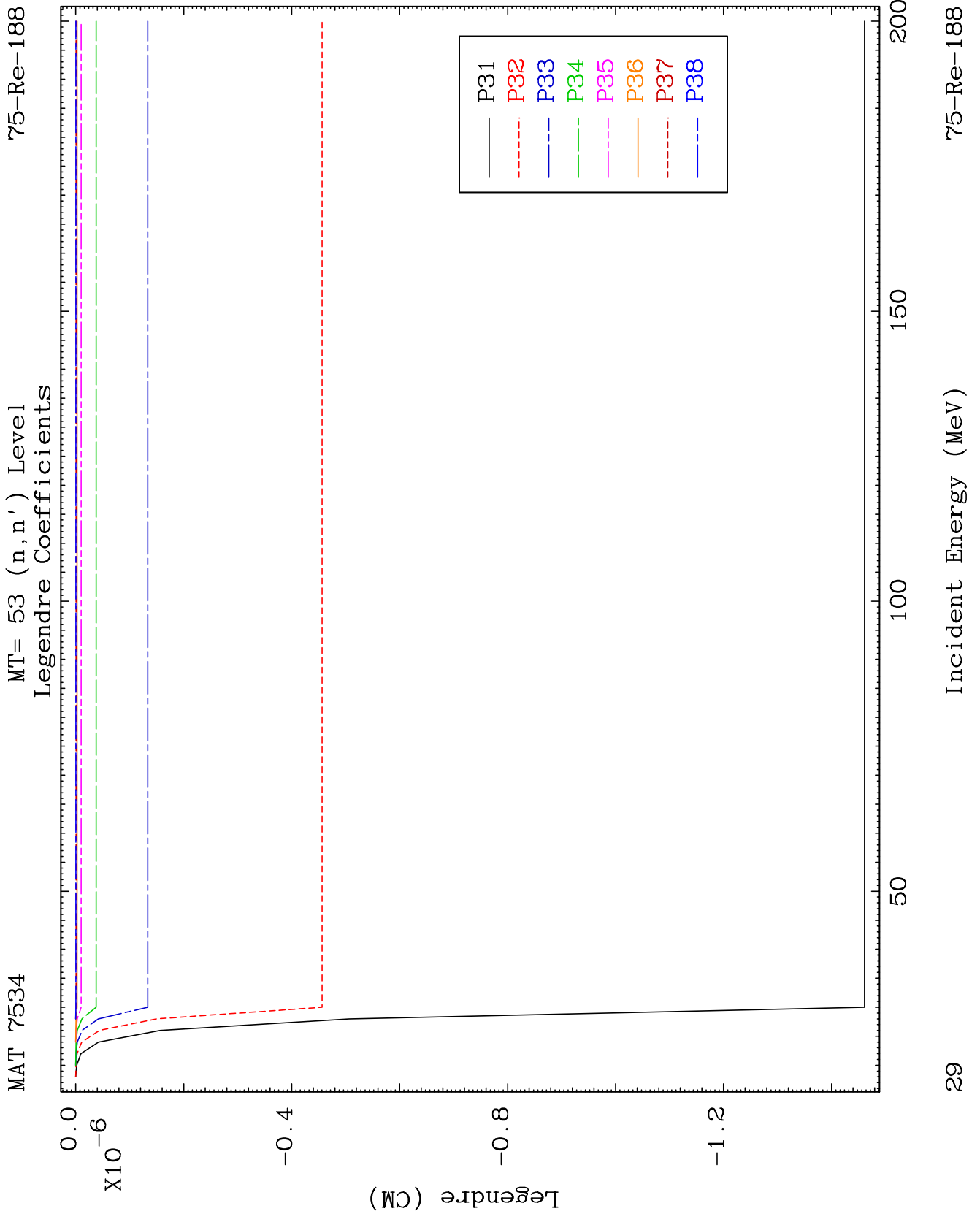
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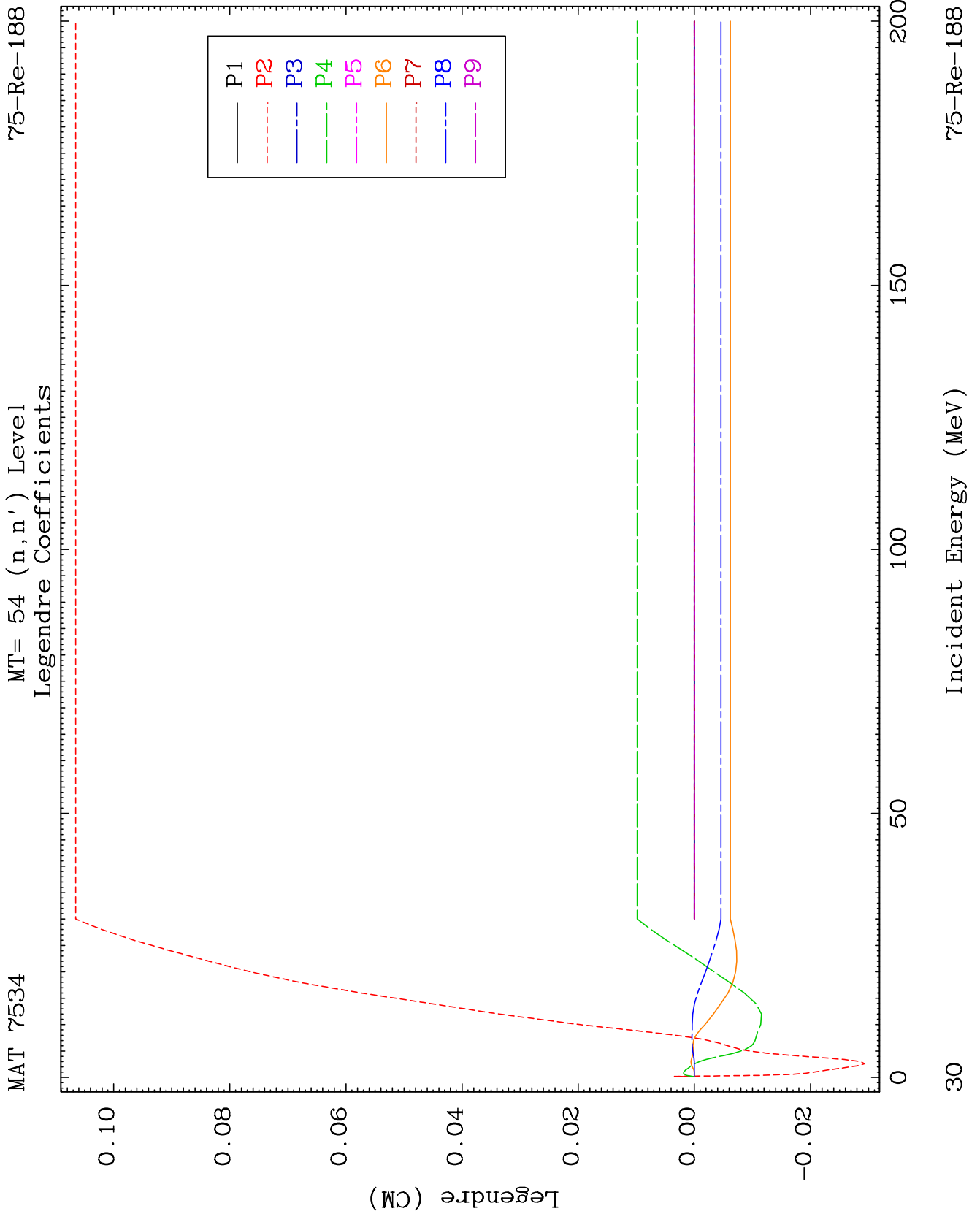


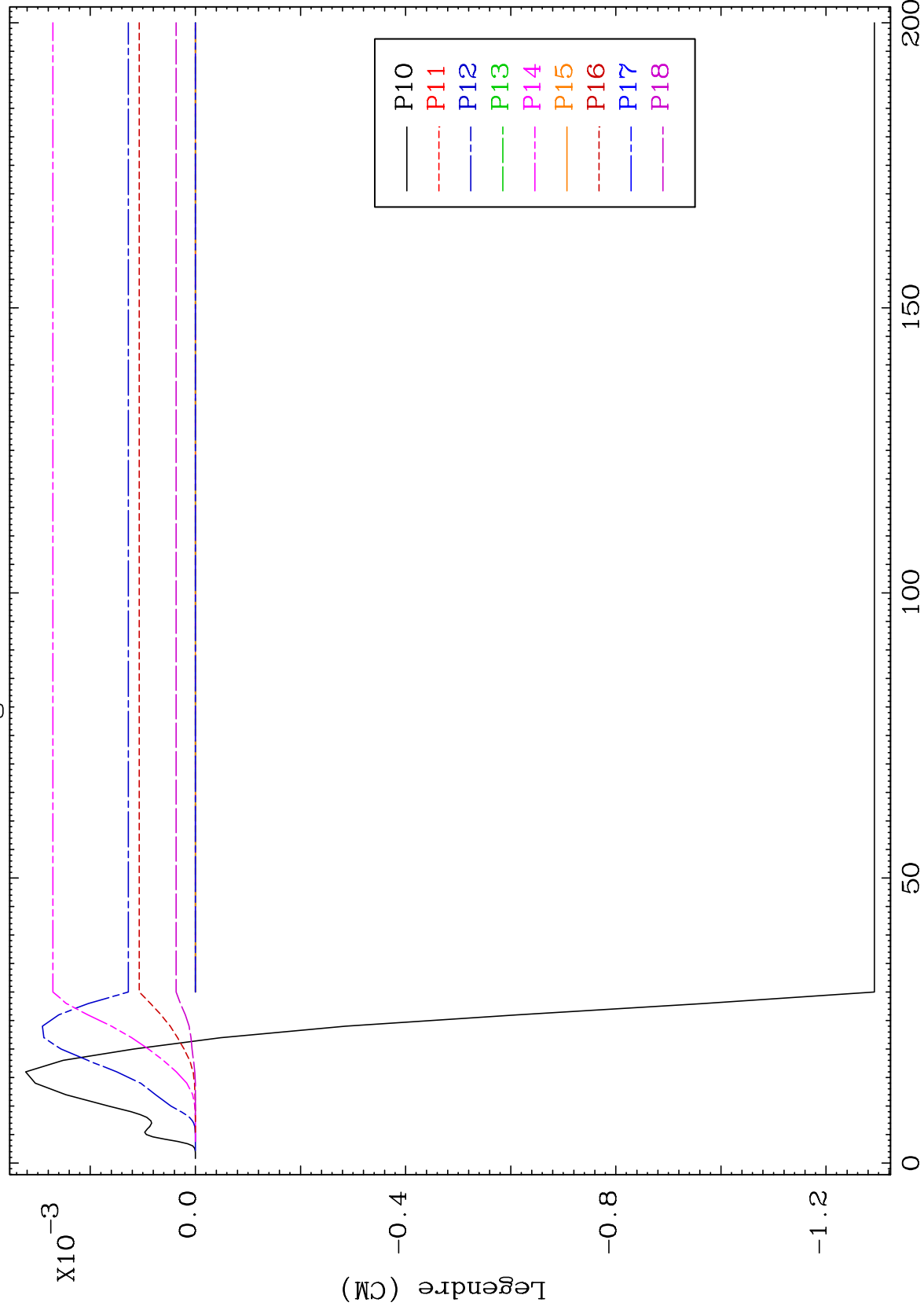
28

Incident Energy (MeV)

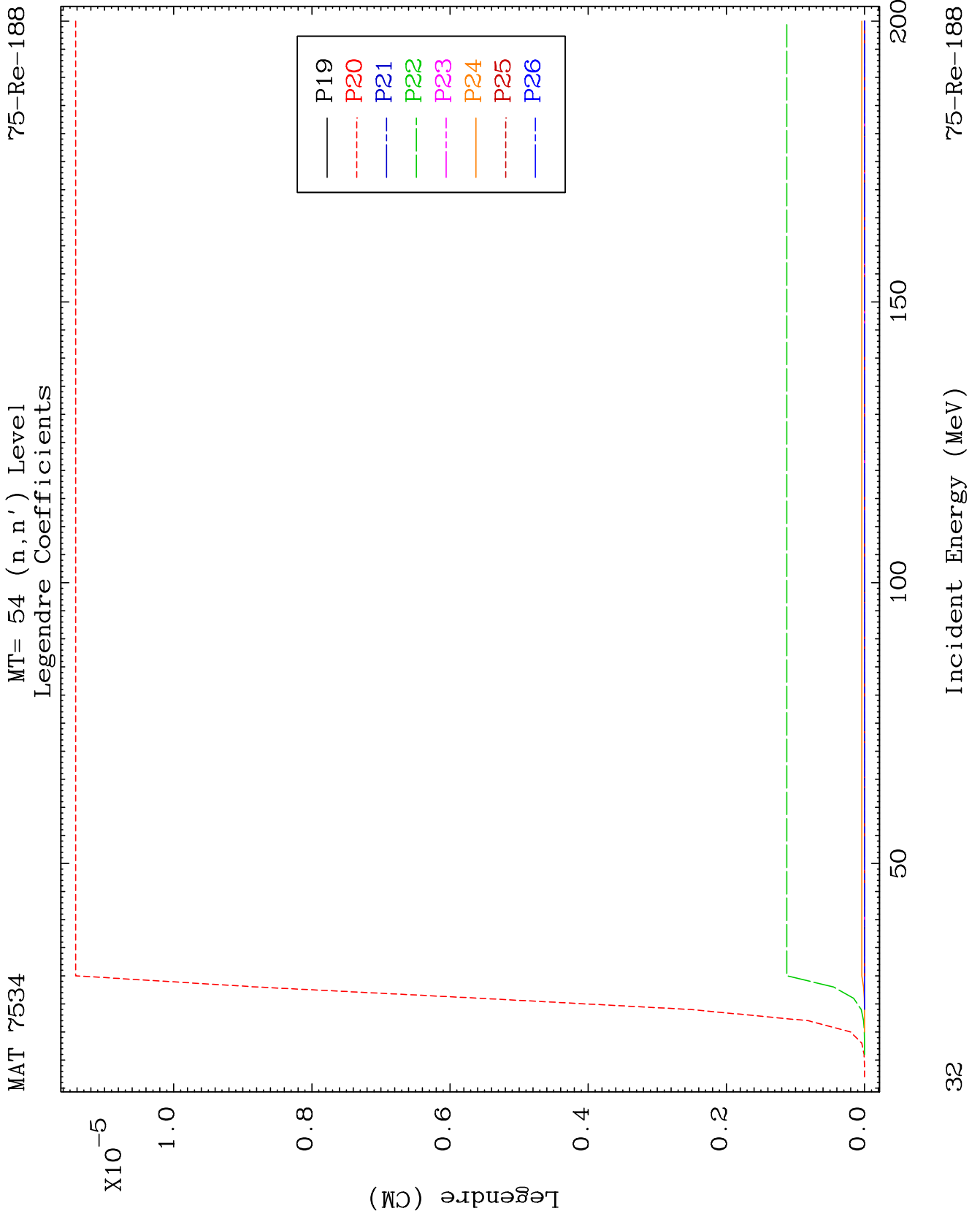
75-Re-188







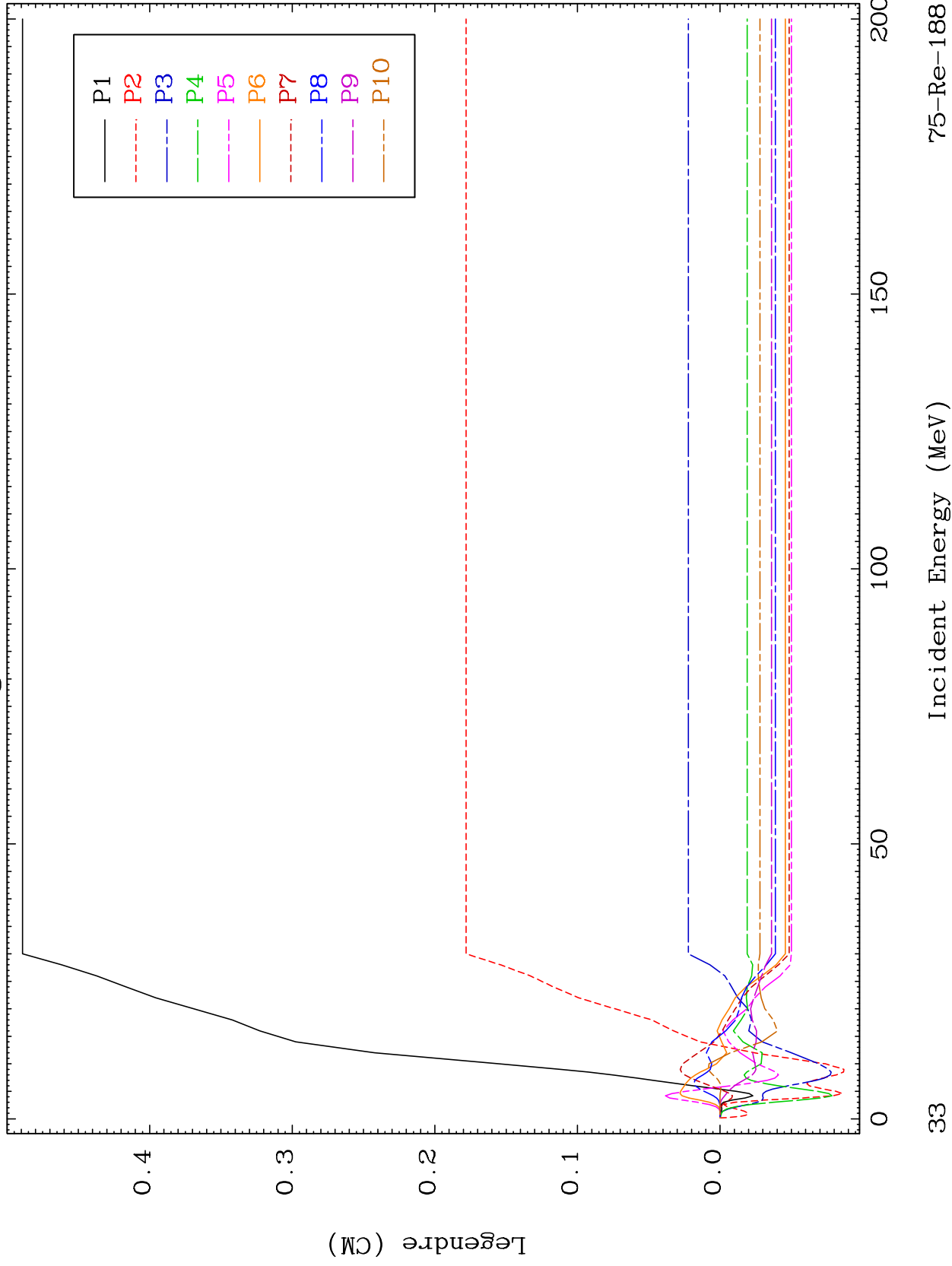




MAT 7534

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

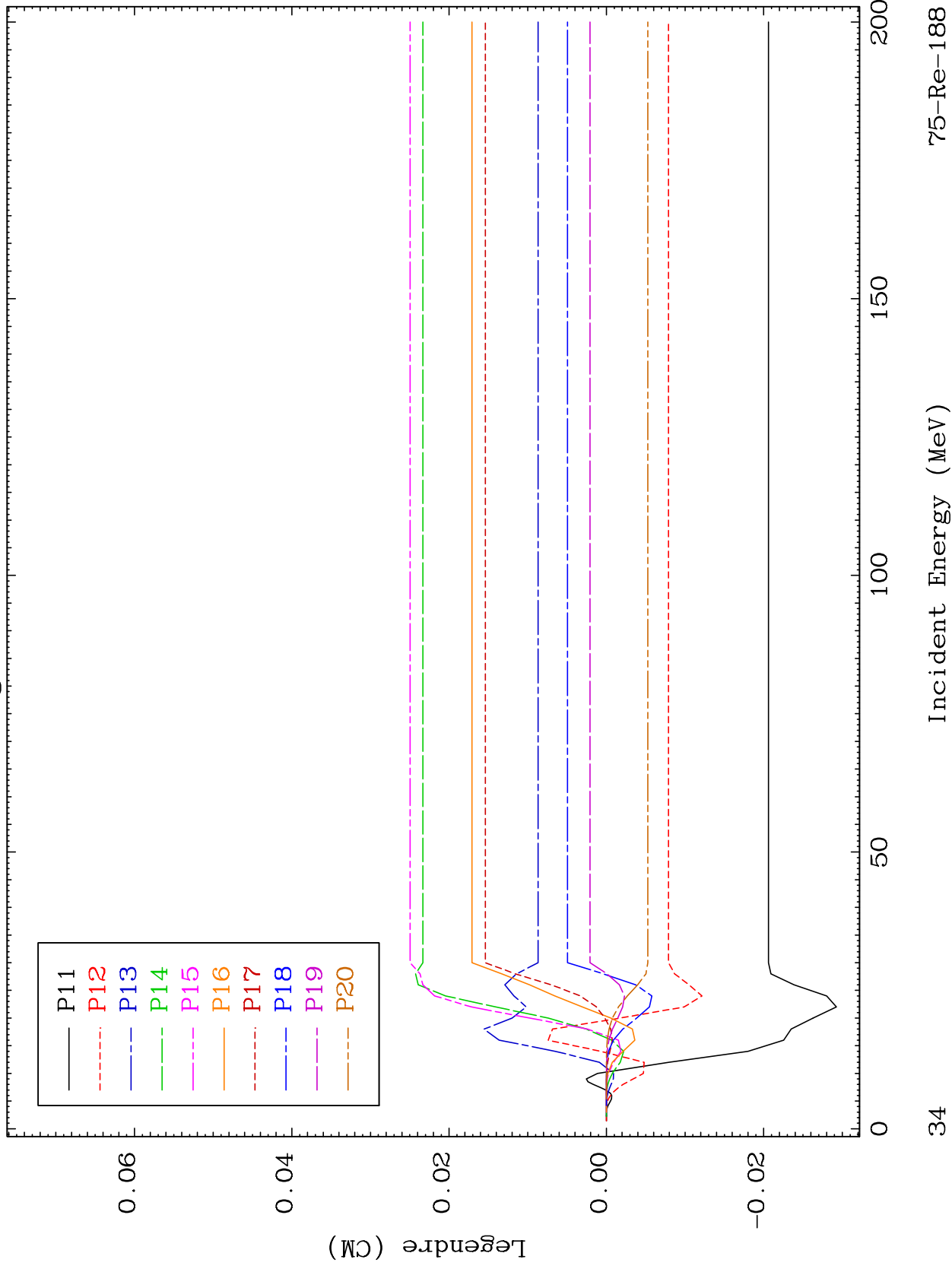
75-Re-188



MAT 7534

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

75-Re-188



34

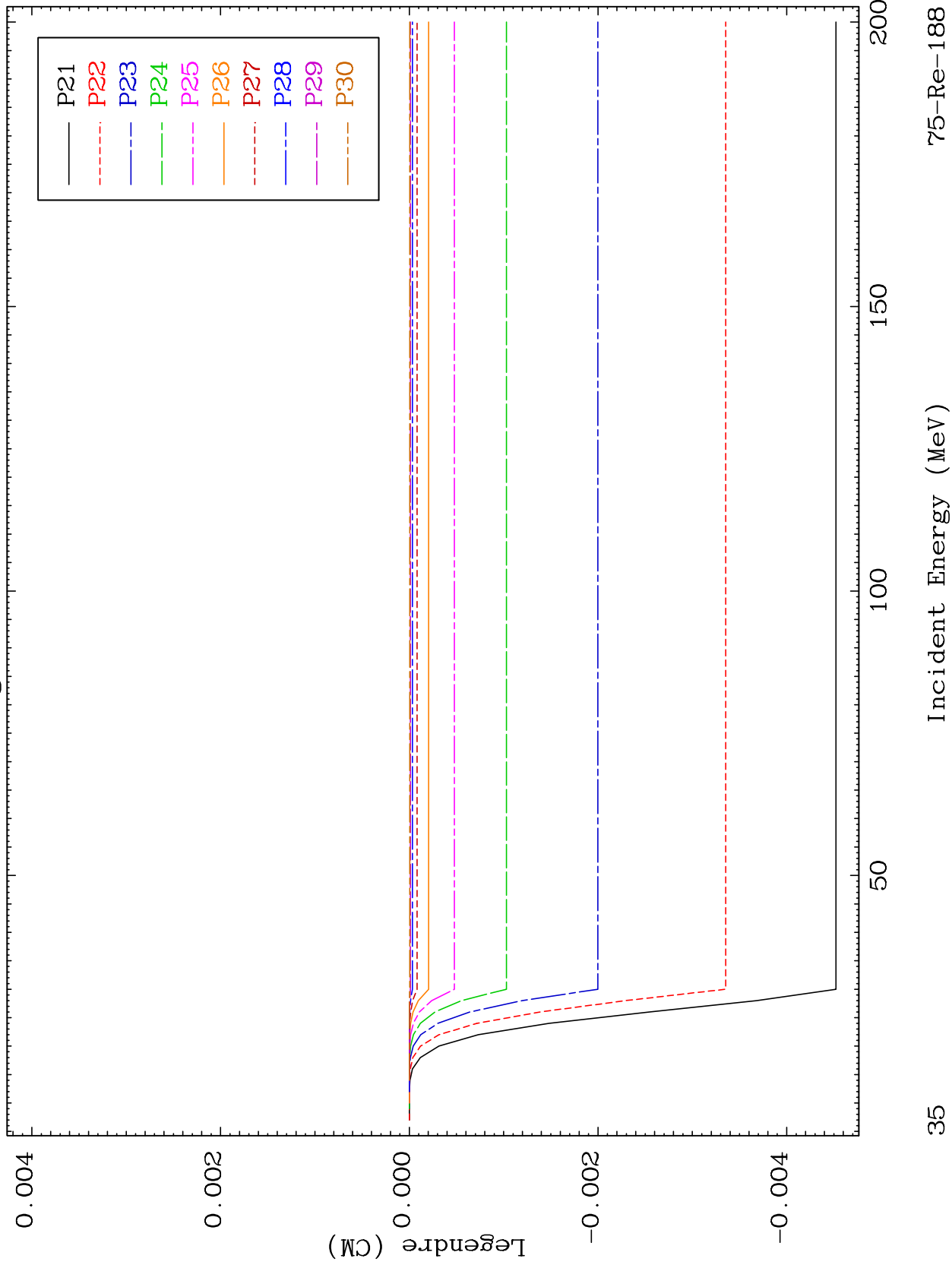
Incident Energy (MeV)

75-Re-188

MAT 7534

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

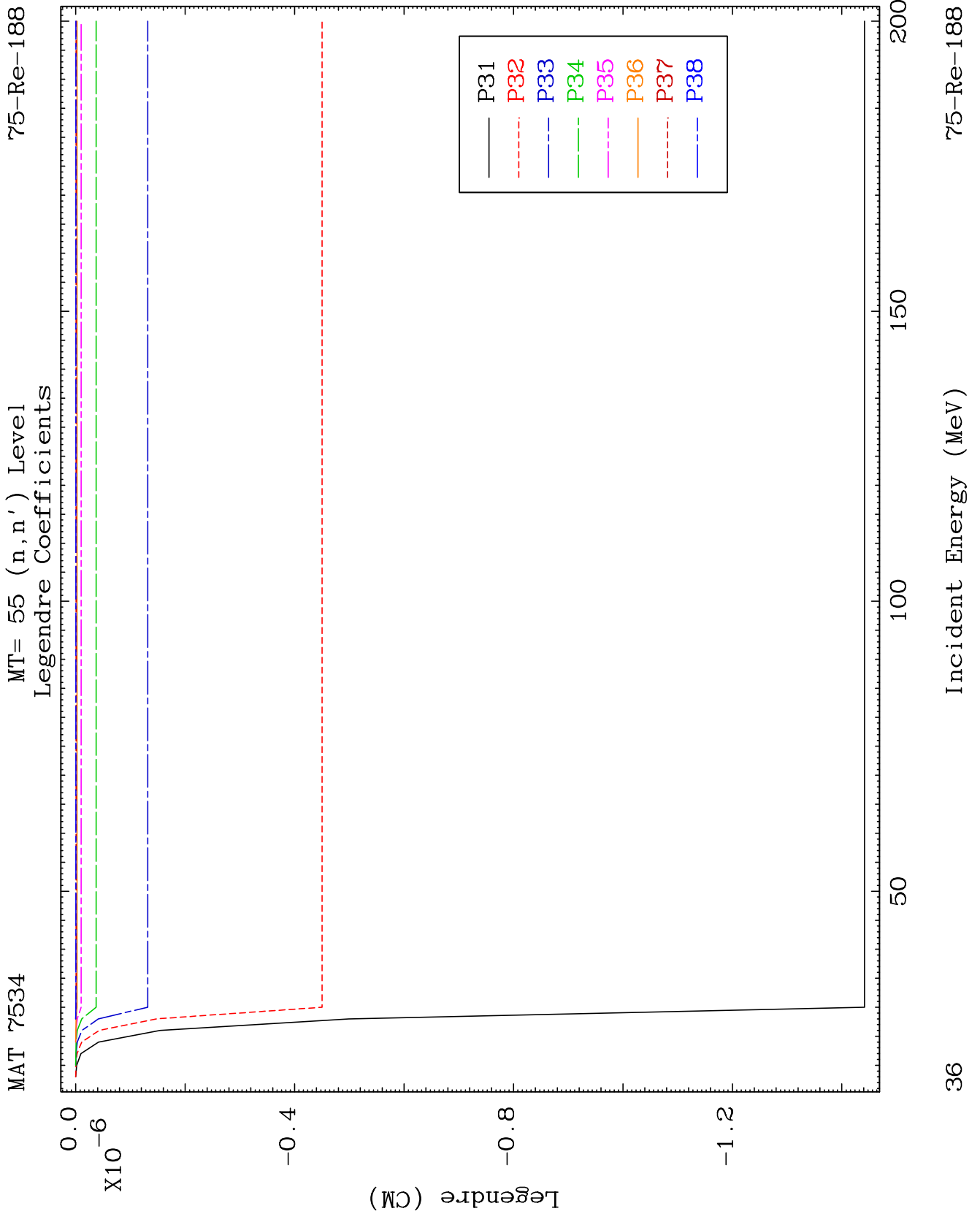
75-Re-188



35

Incident Energy (MeV)

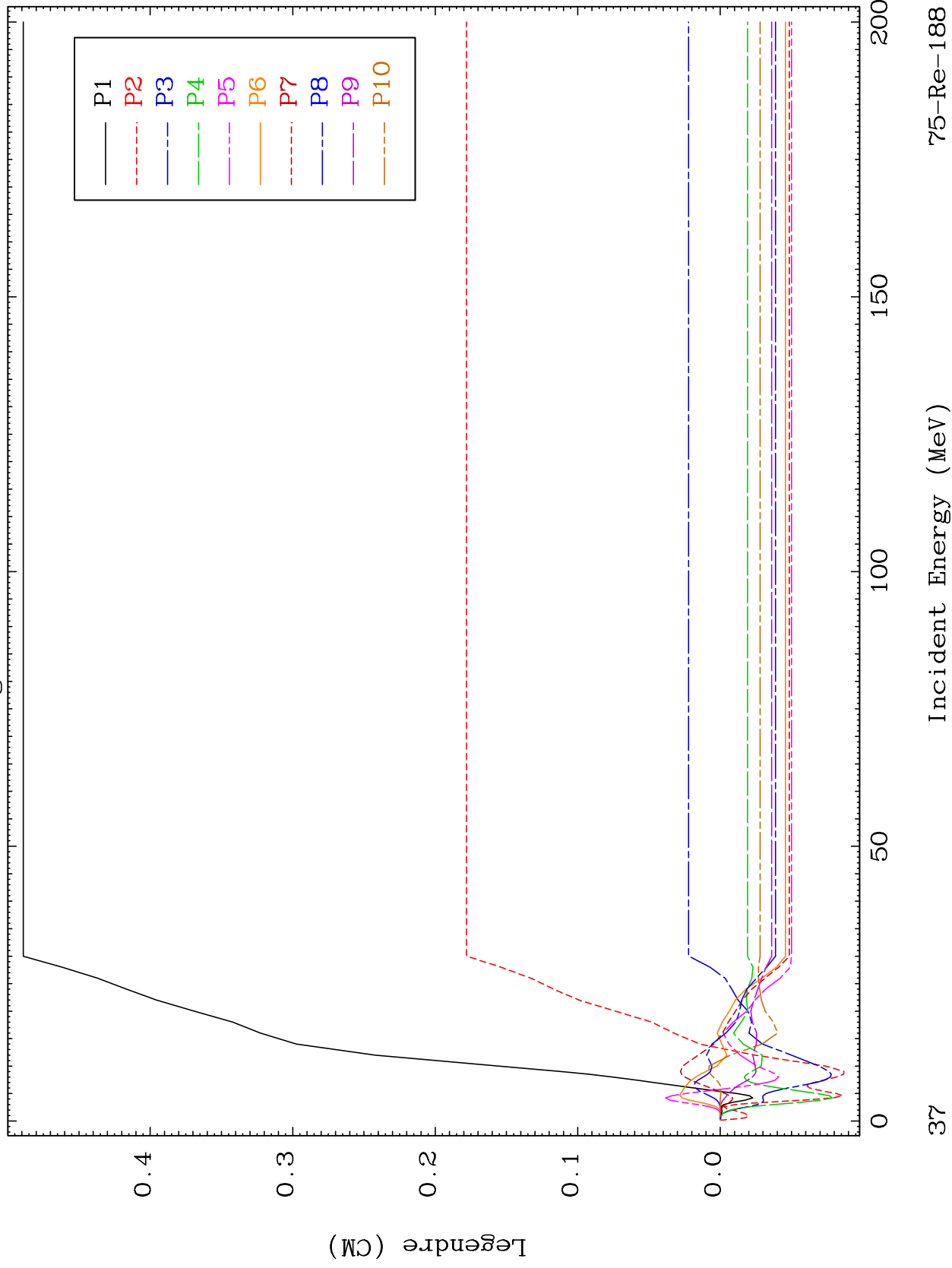
75-Re-188



MAT 7534

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

75-Re-188



75-Re-188

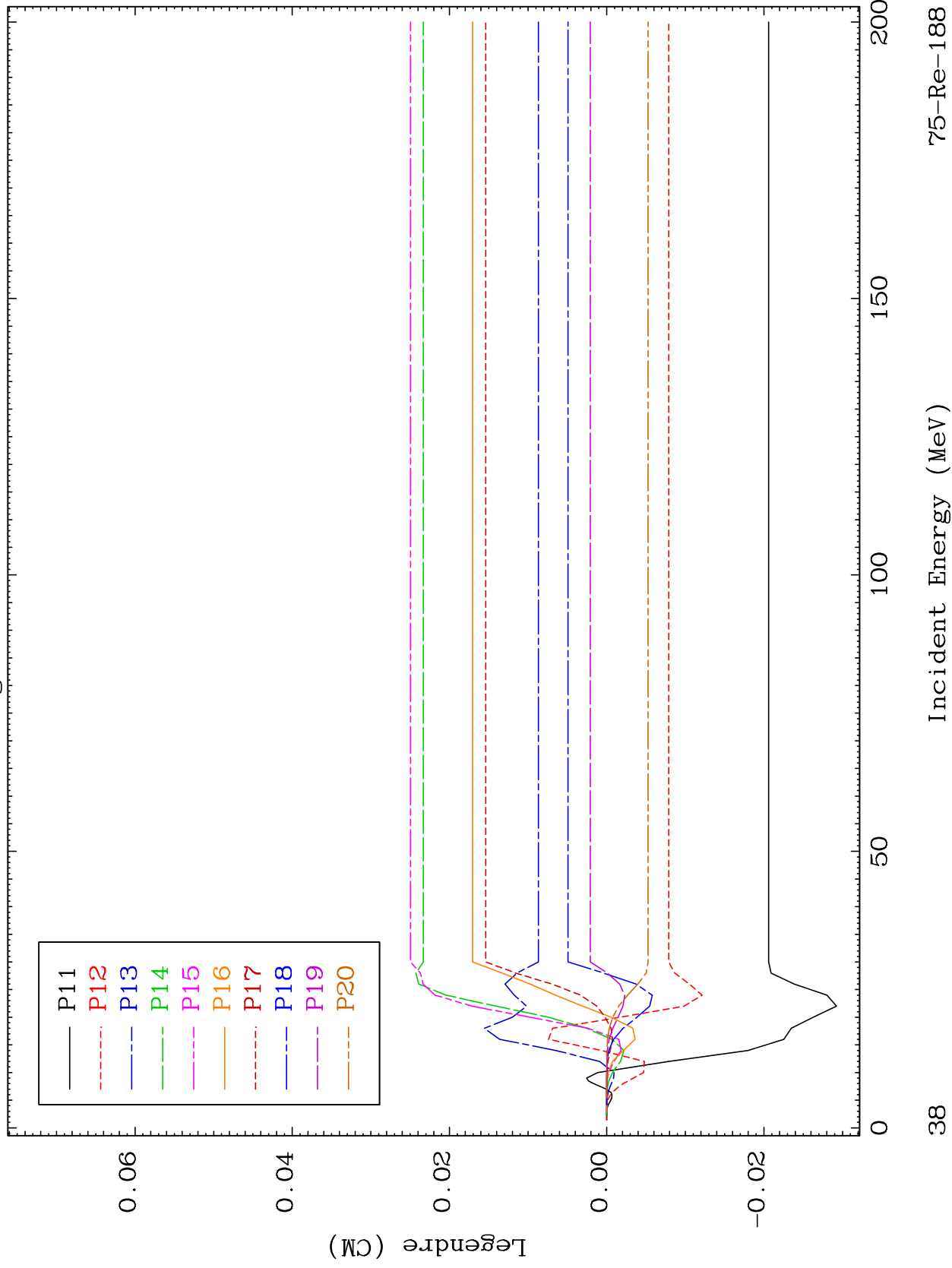
Incident Energy (MeV)

37

MAT 7534

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

75-Re-188



38

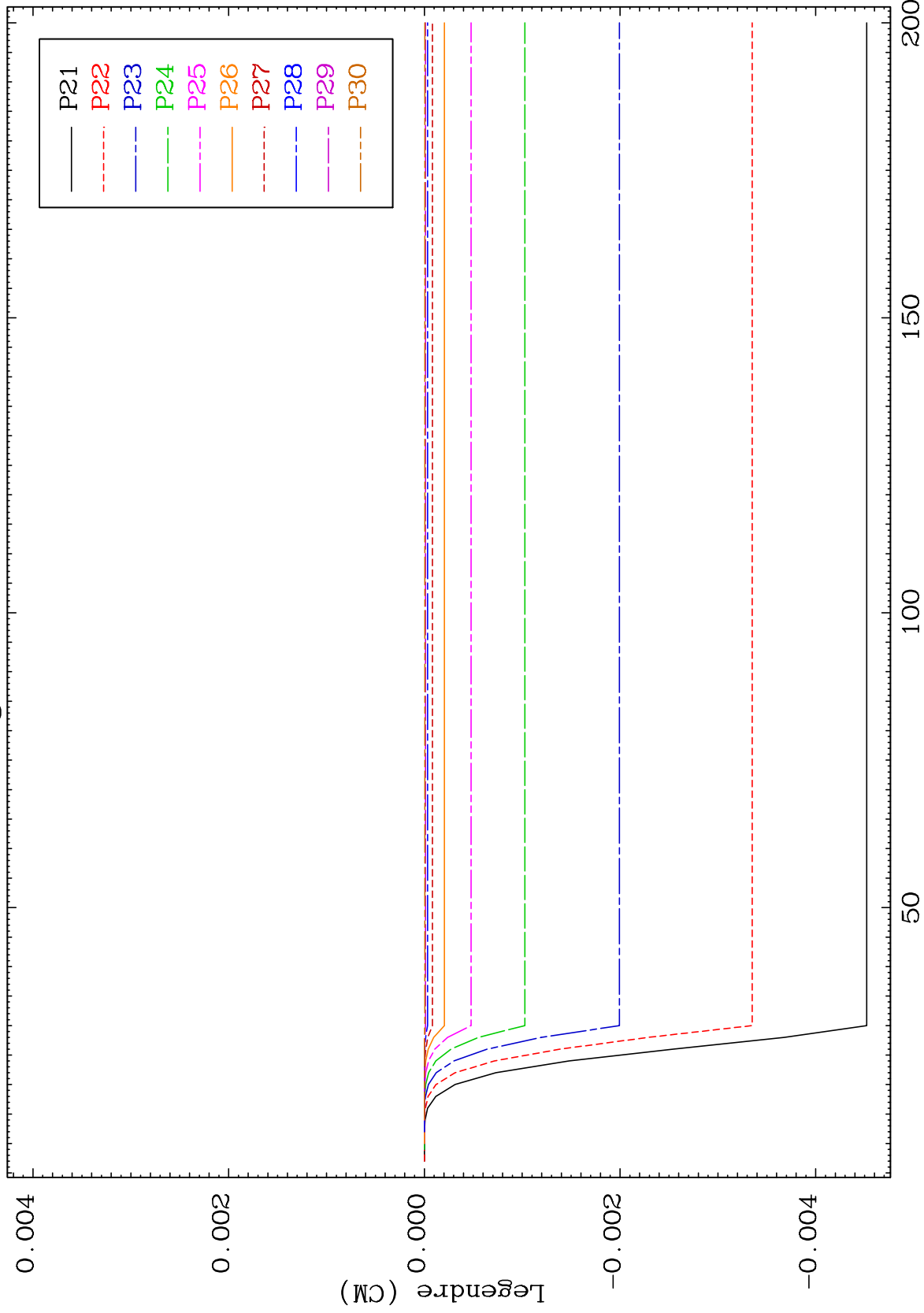
Incident Energy (MeV)

75-Re-188

MAT 7534

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

75-Re-188

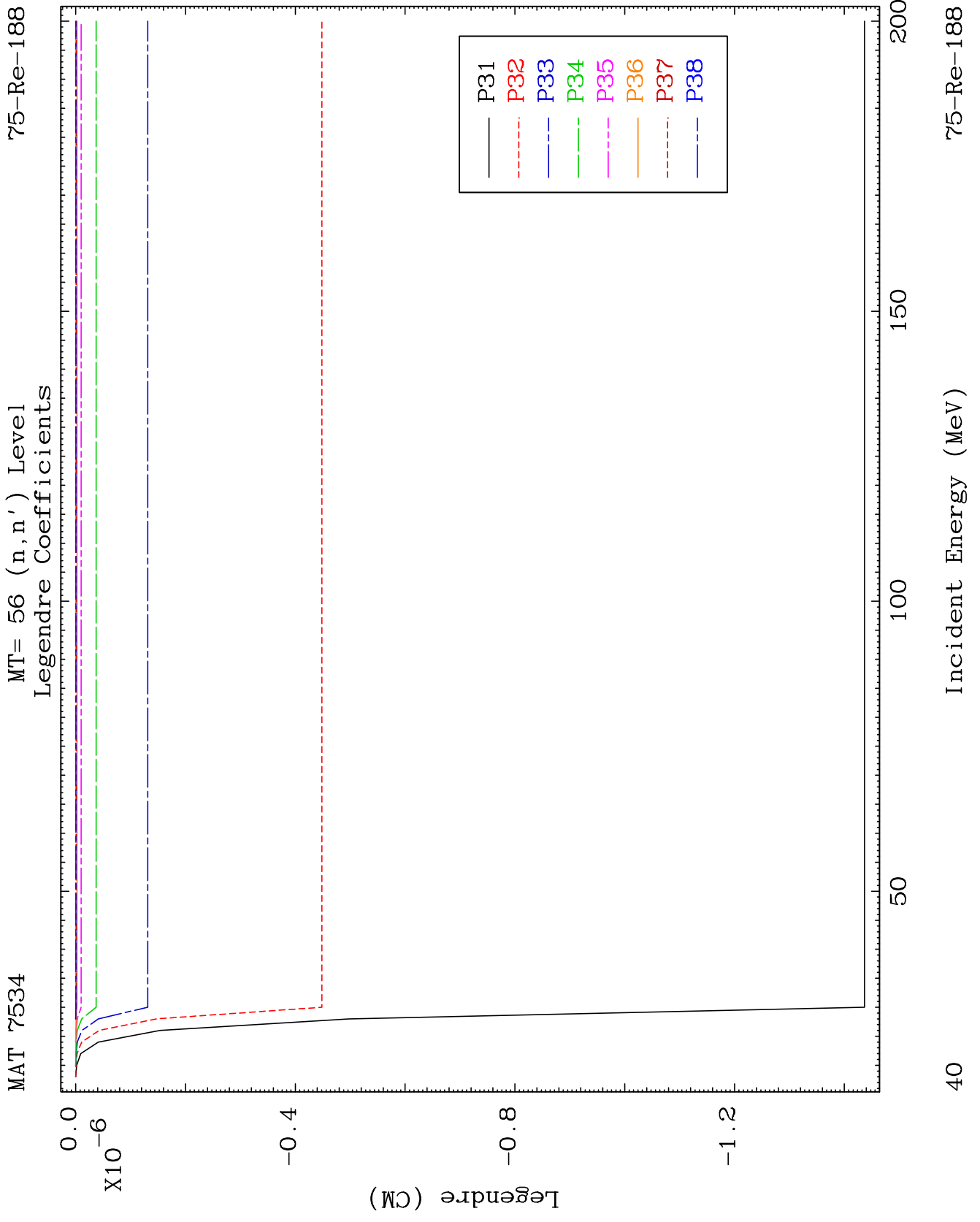


39

Incident Energy (MeV)

75-Re-188

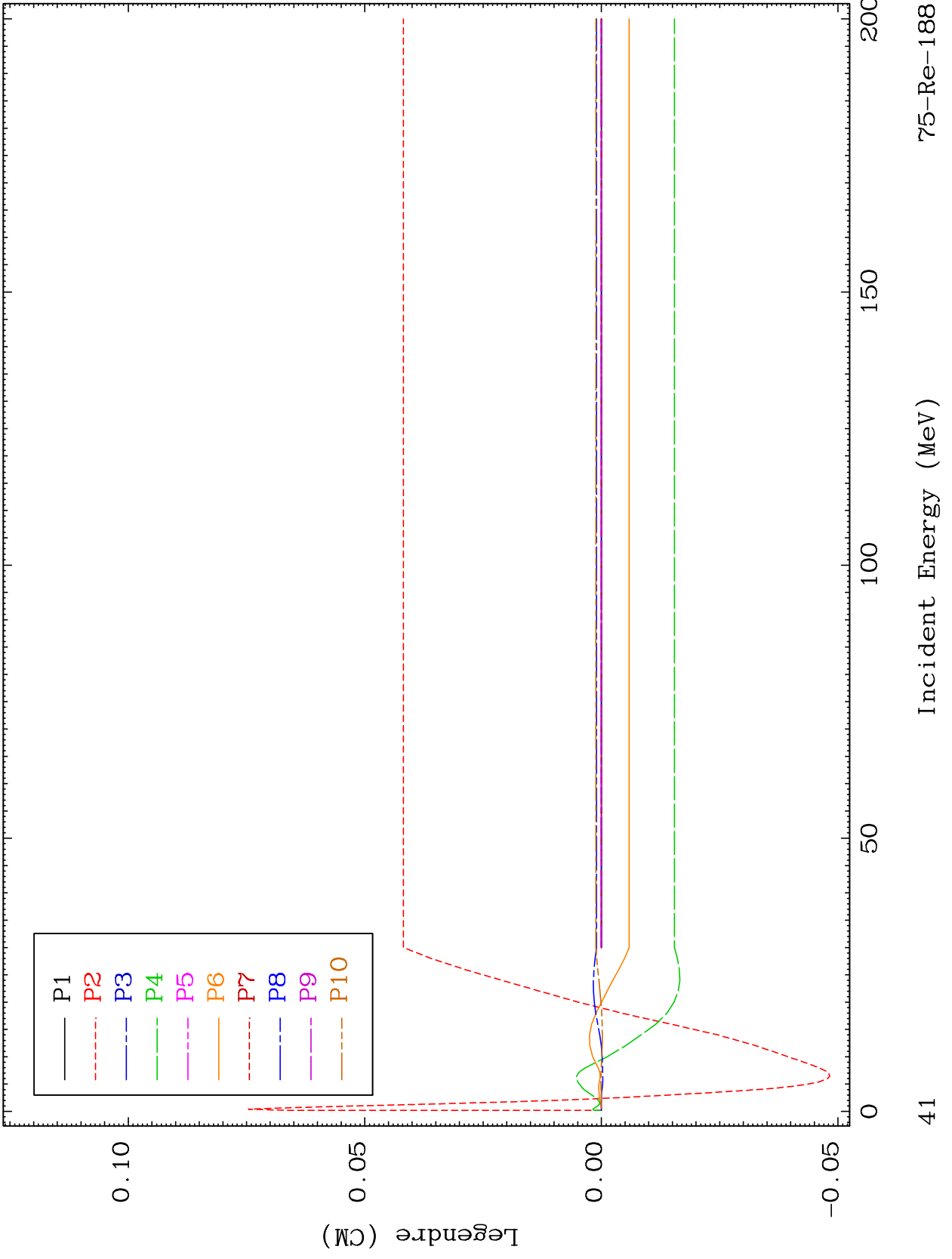




MAT 7534

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

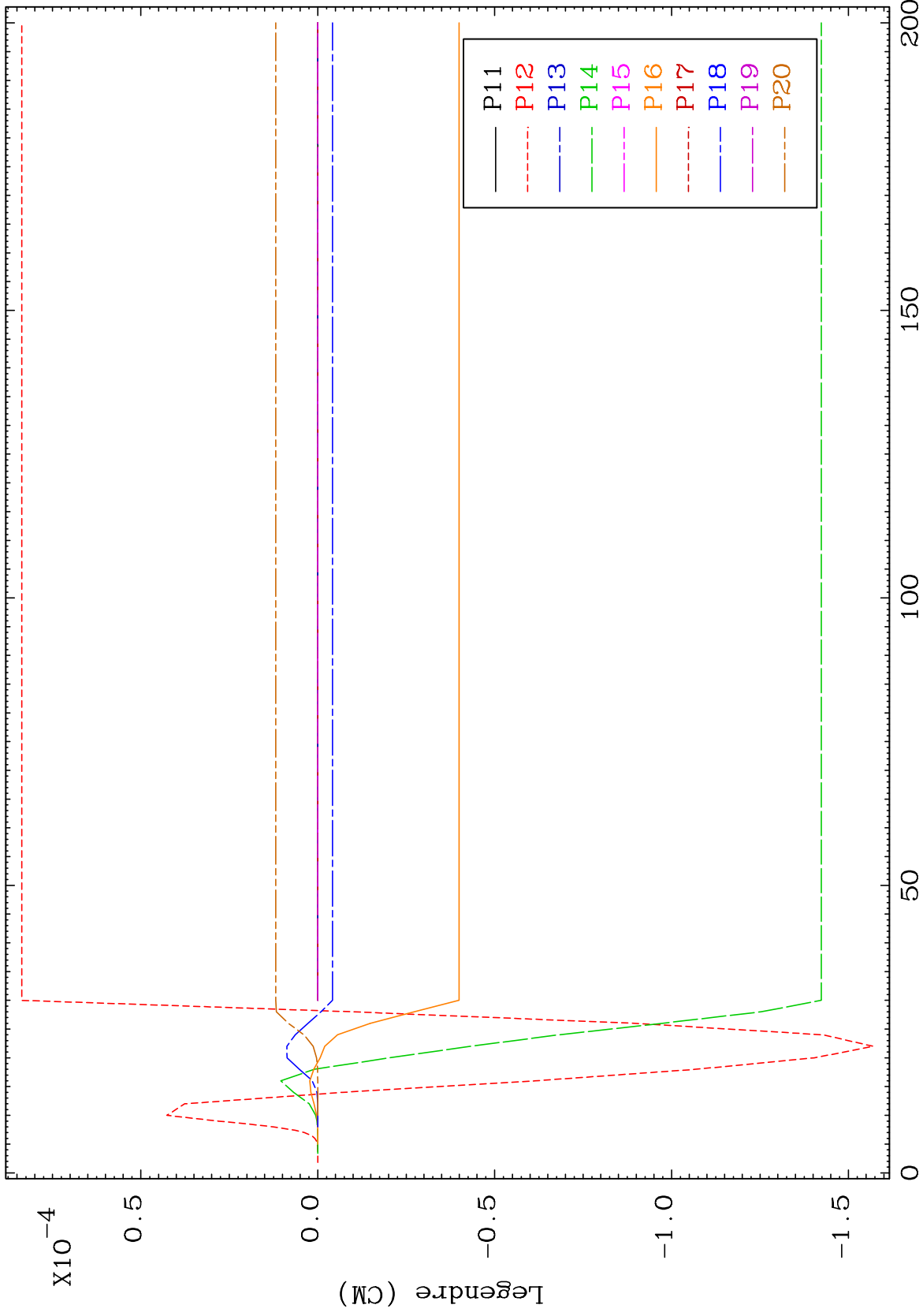
75-Re-188



MAT 7534

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

75-Re-188

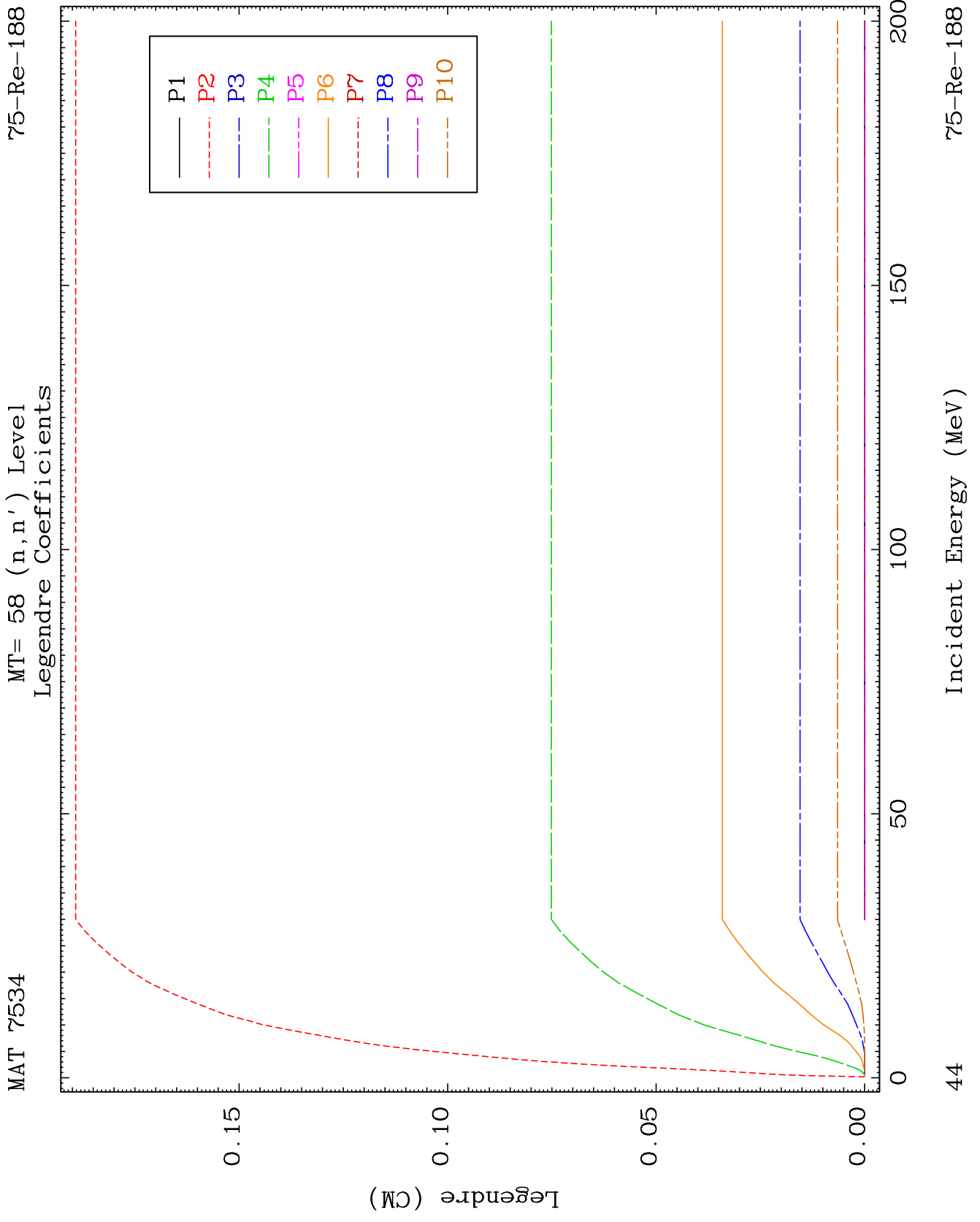


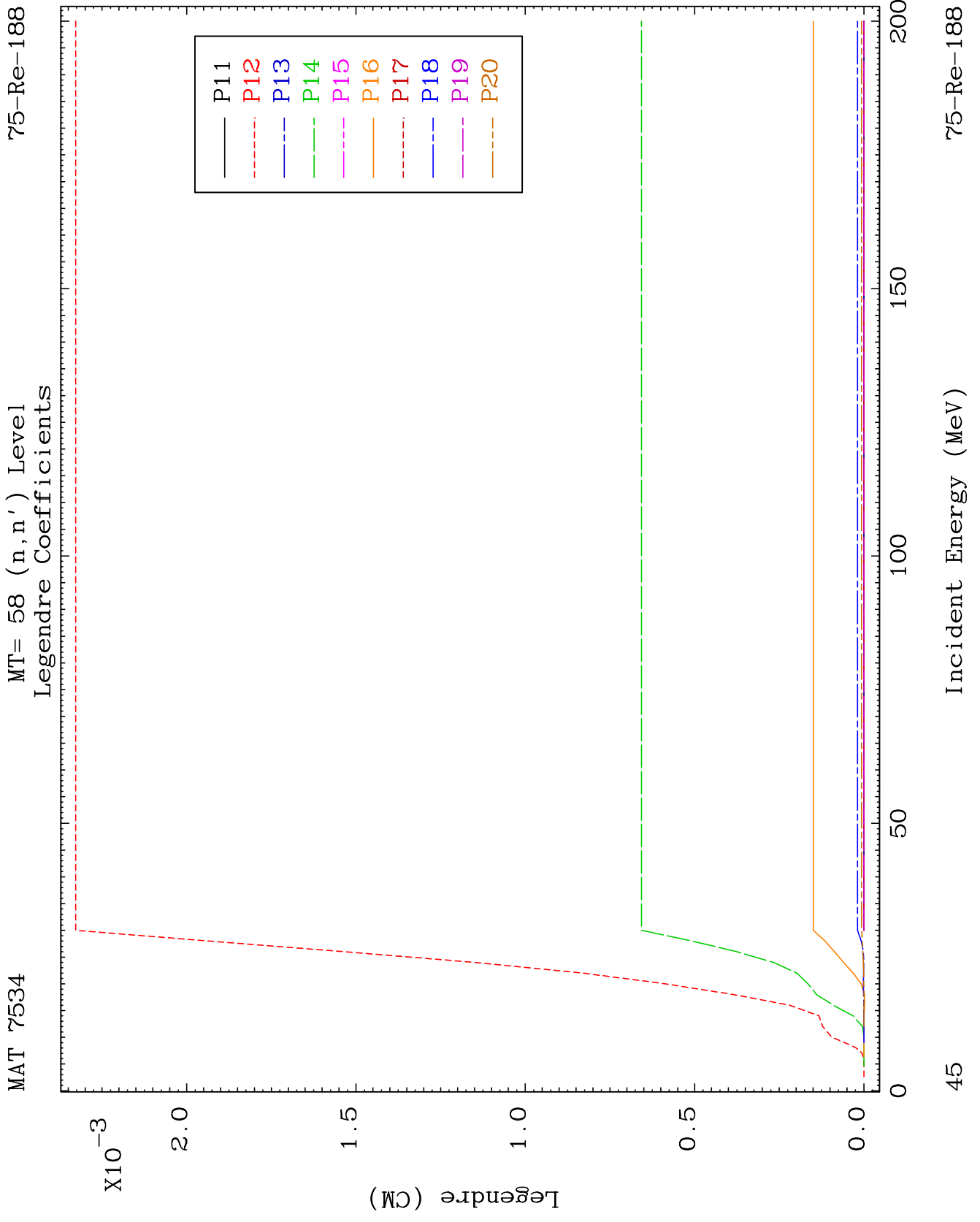
42

Incident Energy (MeV)

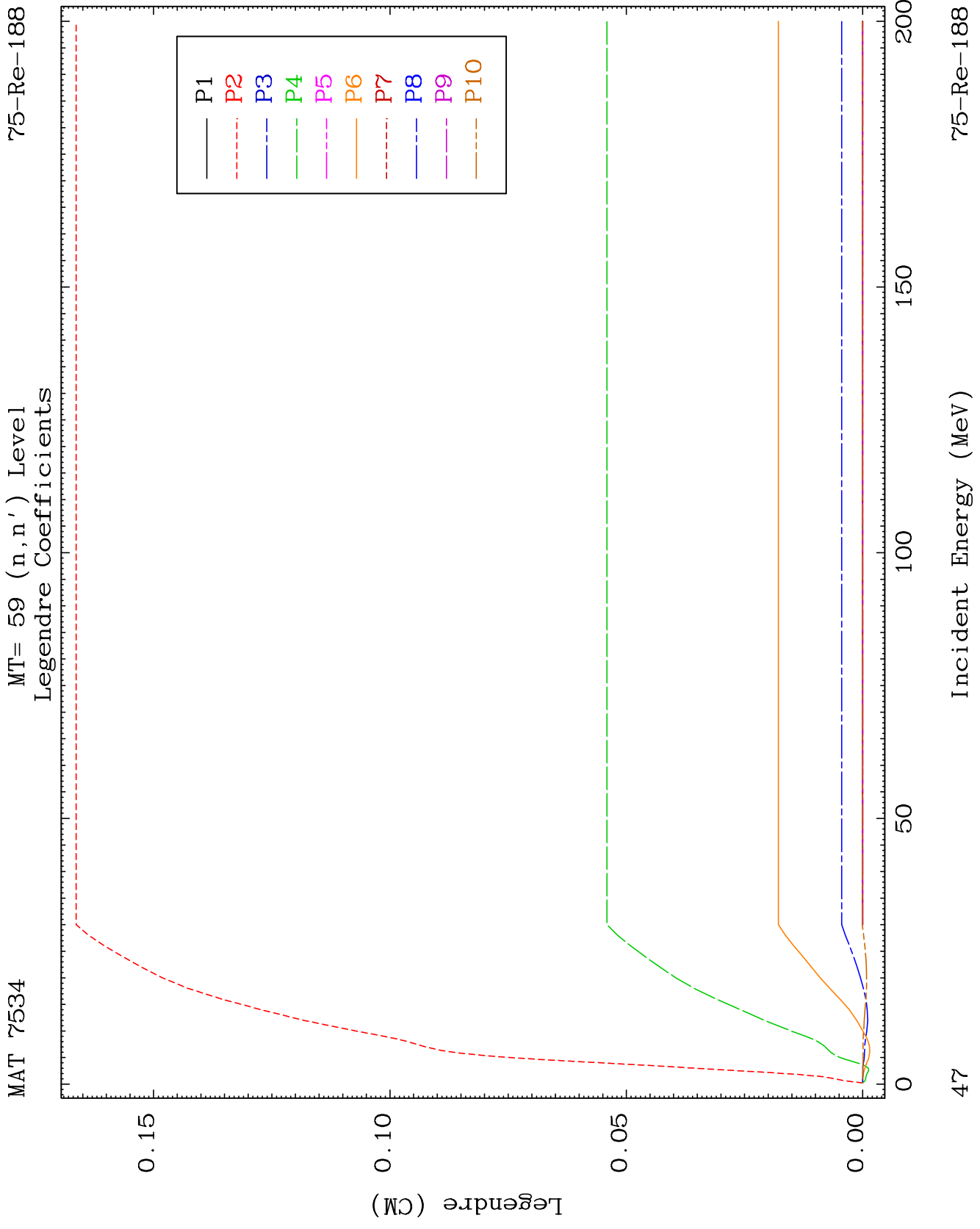
75-Re-188









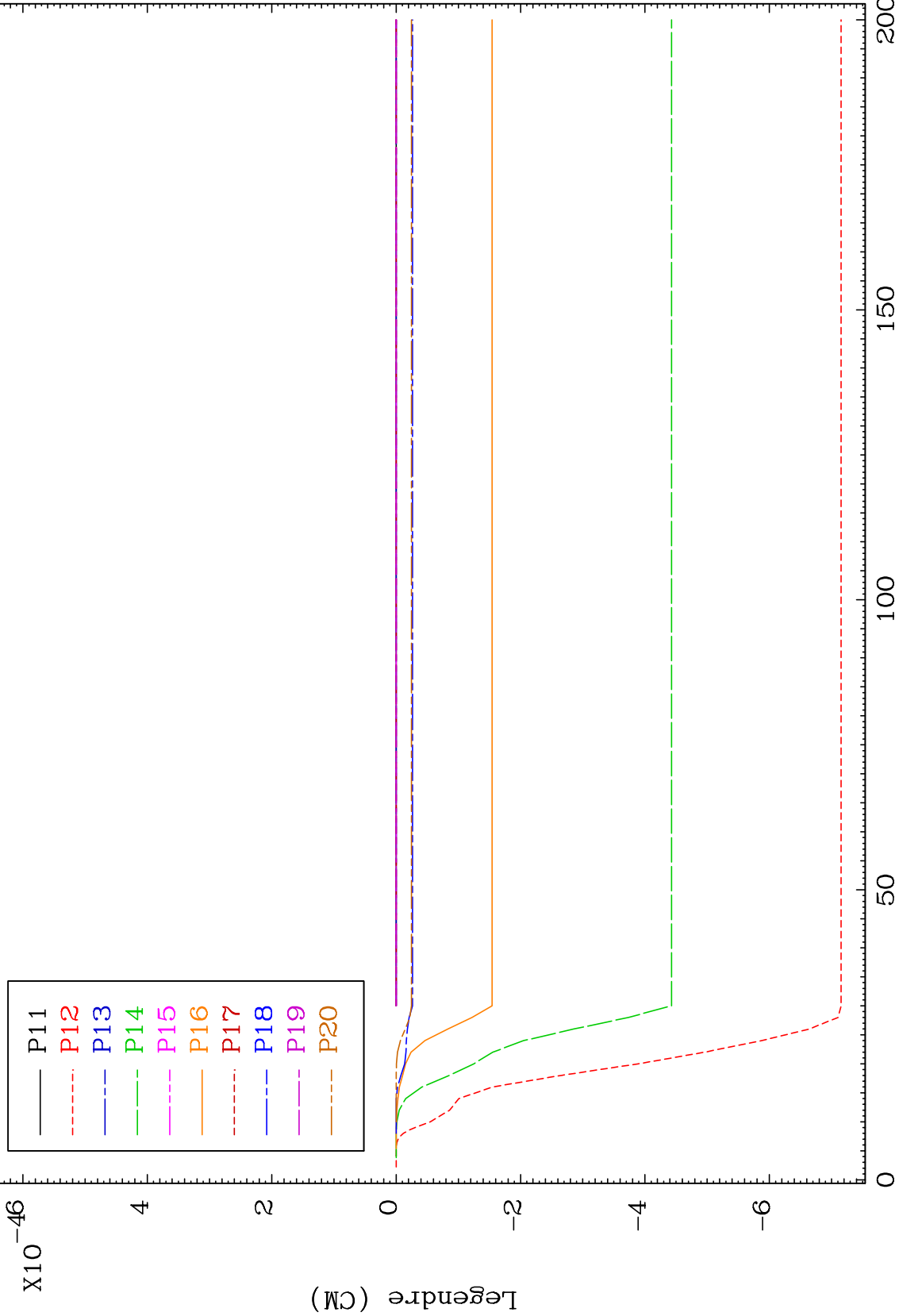
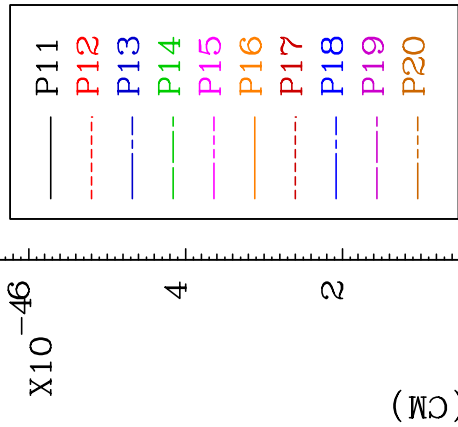




MAT 7534

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

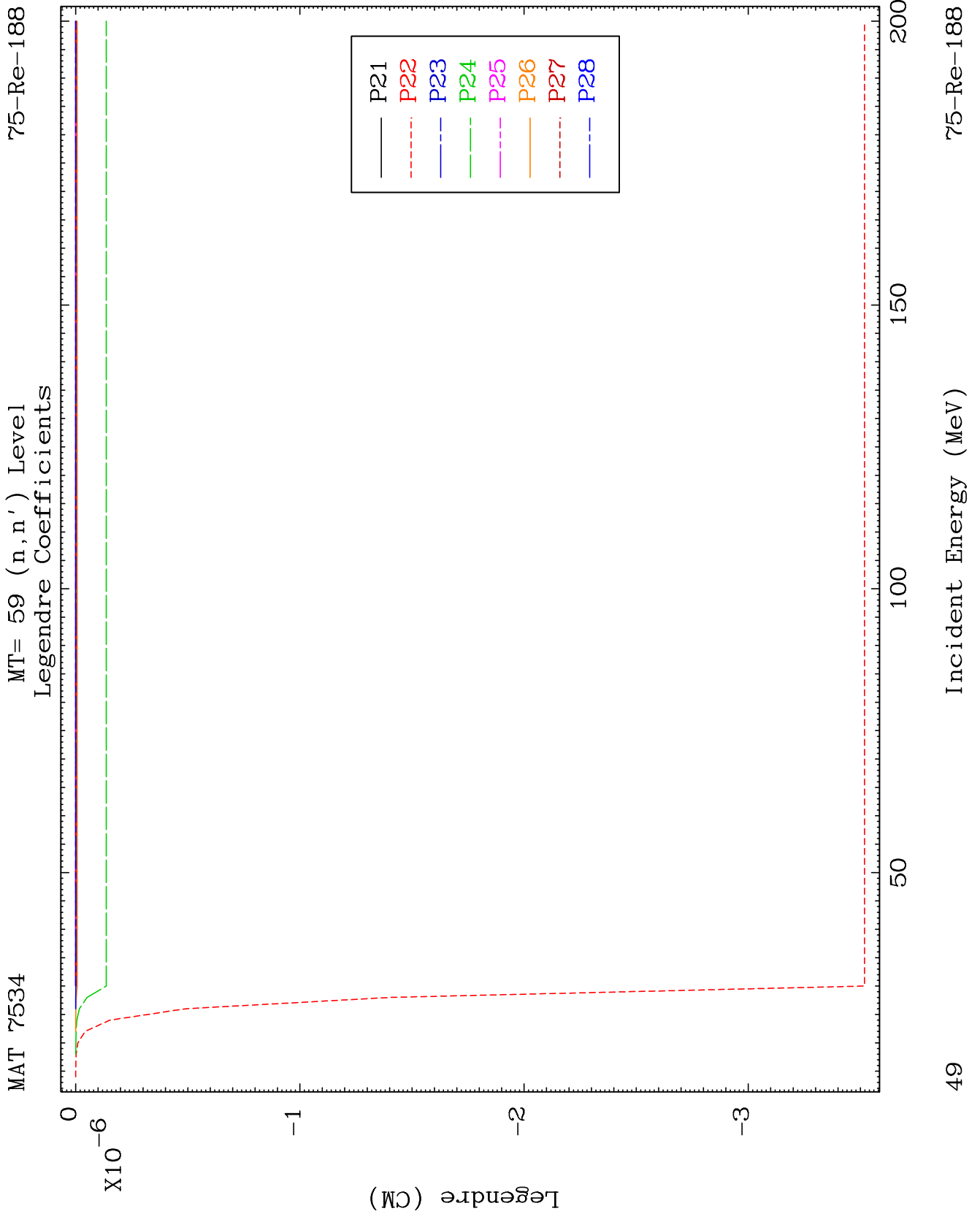
75-Re-188

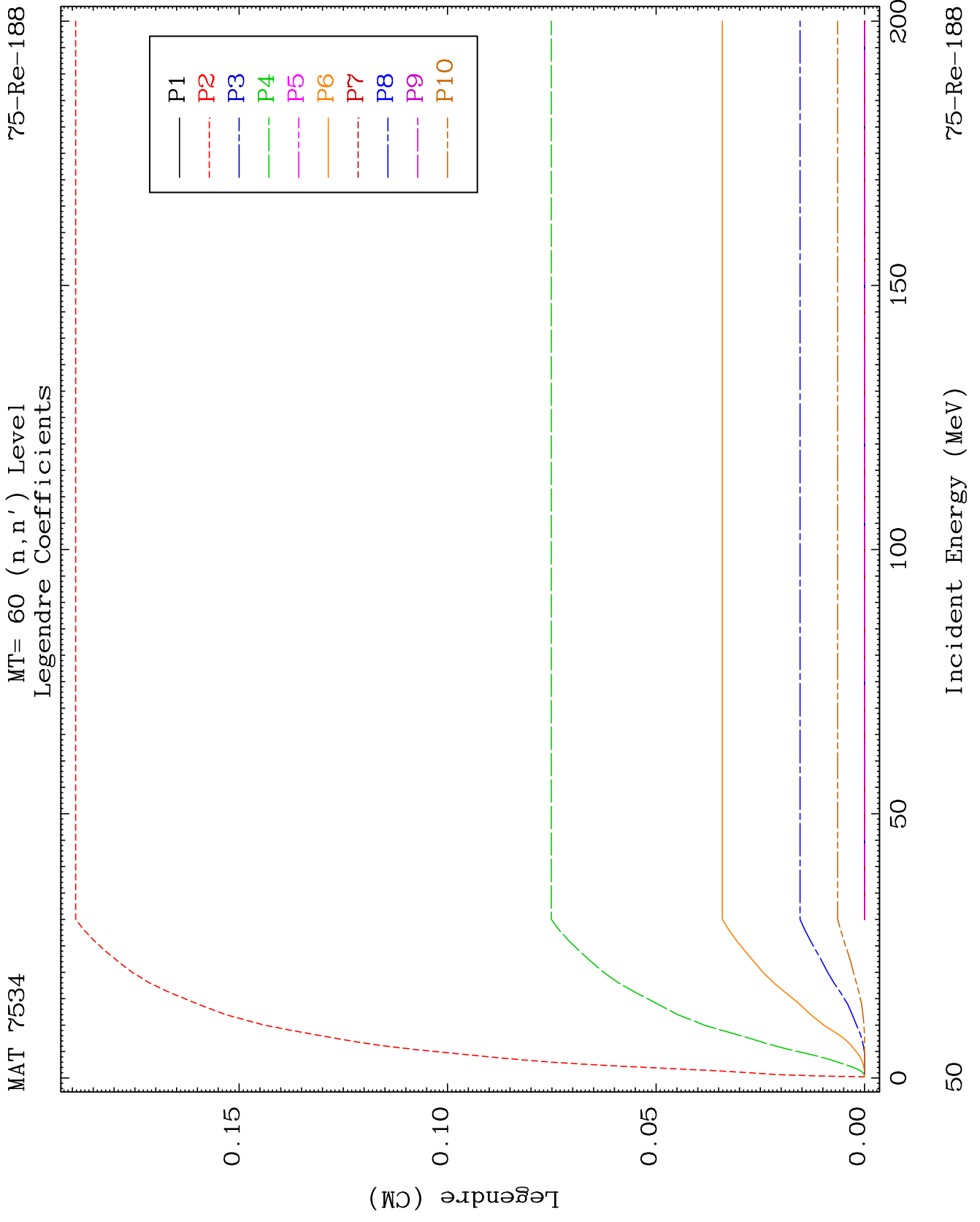


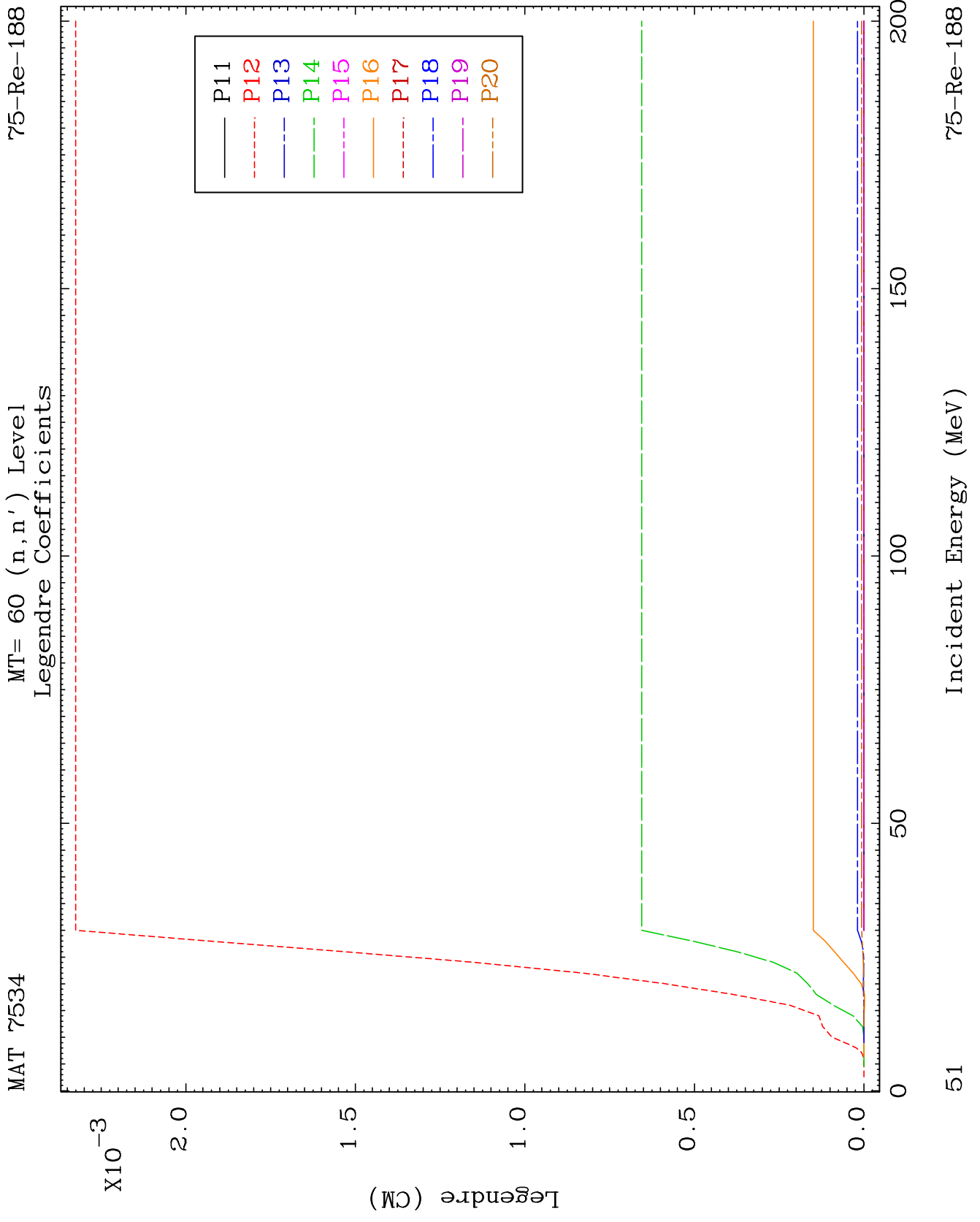
48

Incident Energy (MeV)

75-Re-188







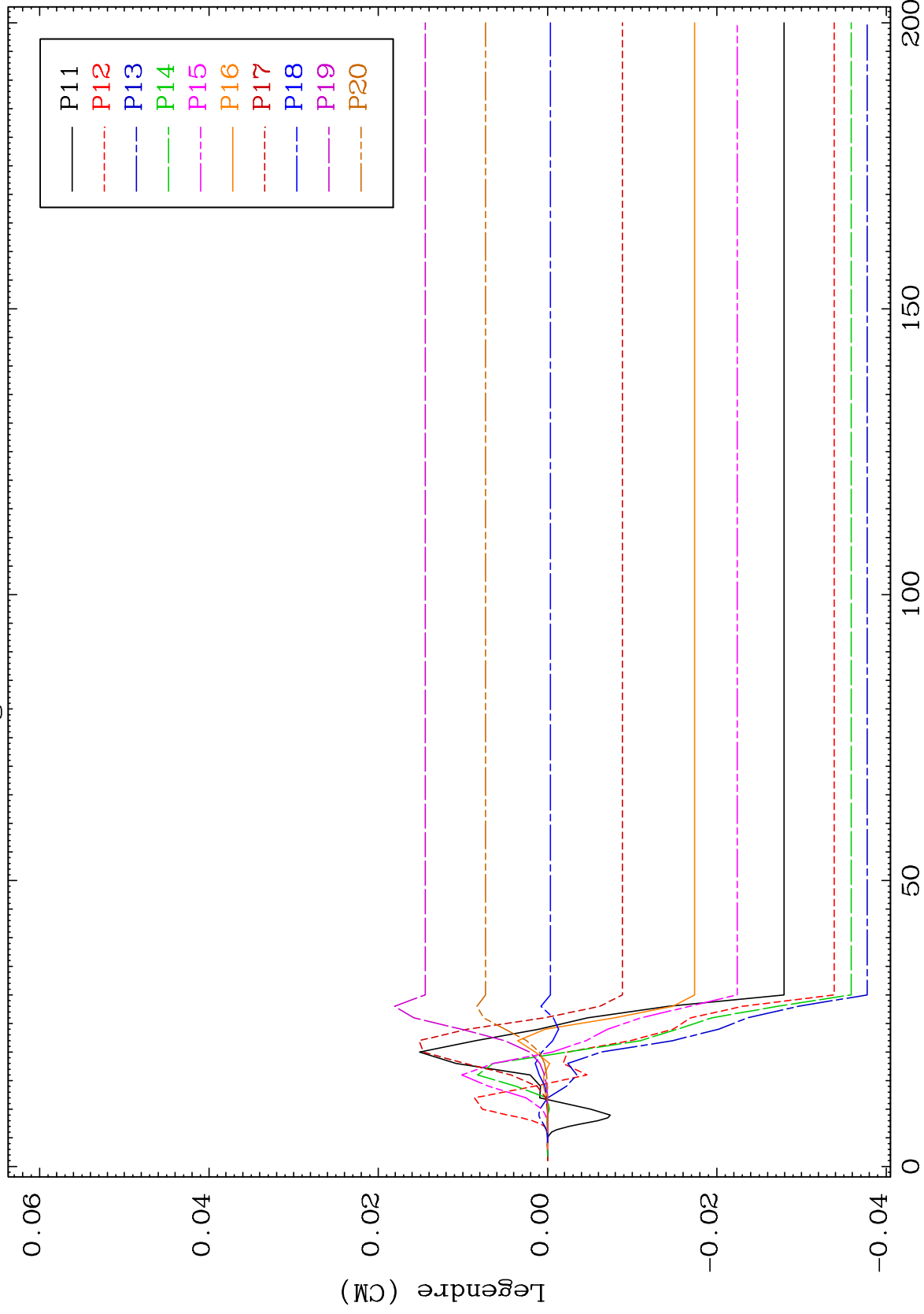




MAT 7534

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

75-Re-188



54

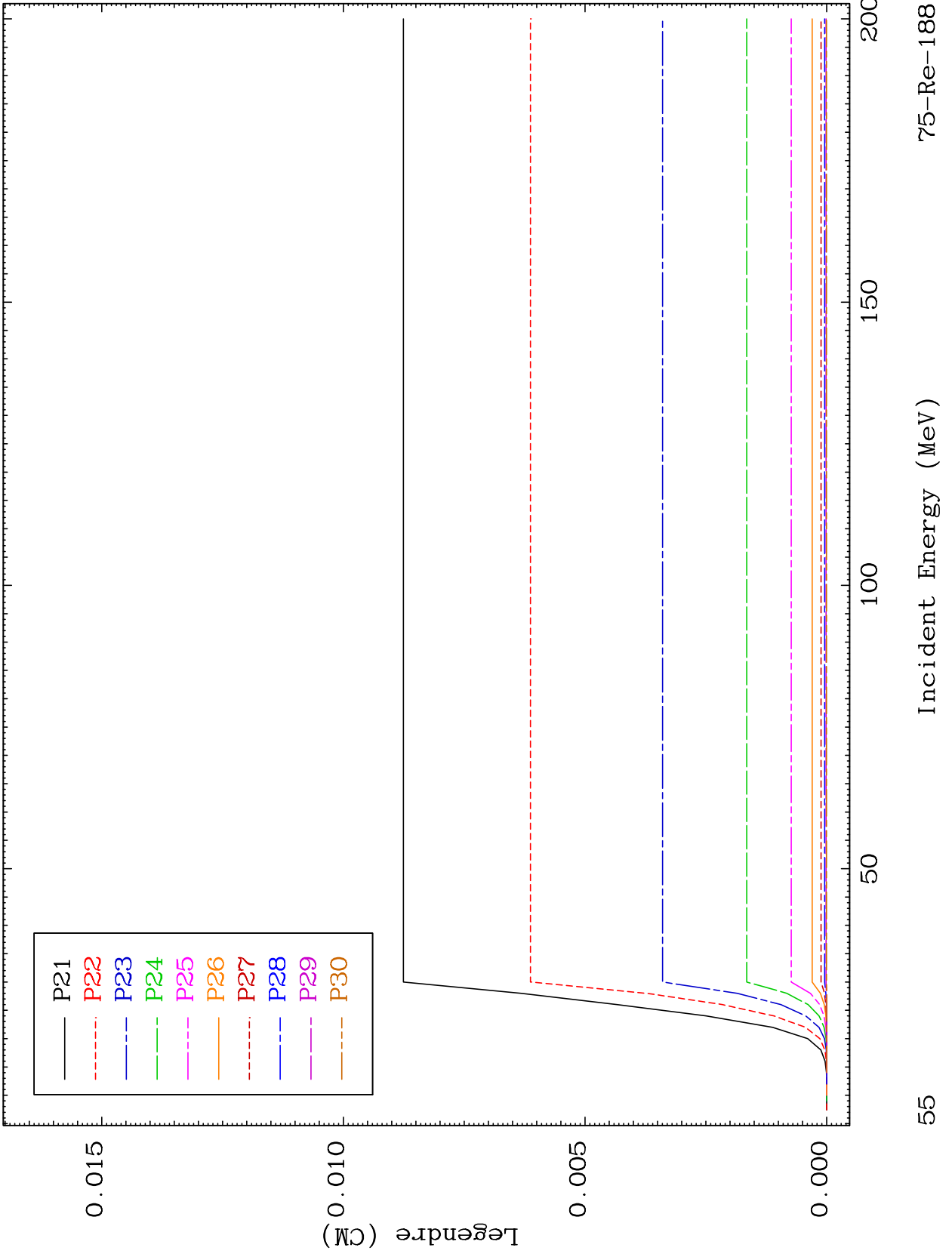
Incident Energy (MeV)

75-Re-188

MAT 7534

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

75-Re-188



55

Incident Energy (MeV)

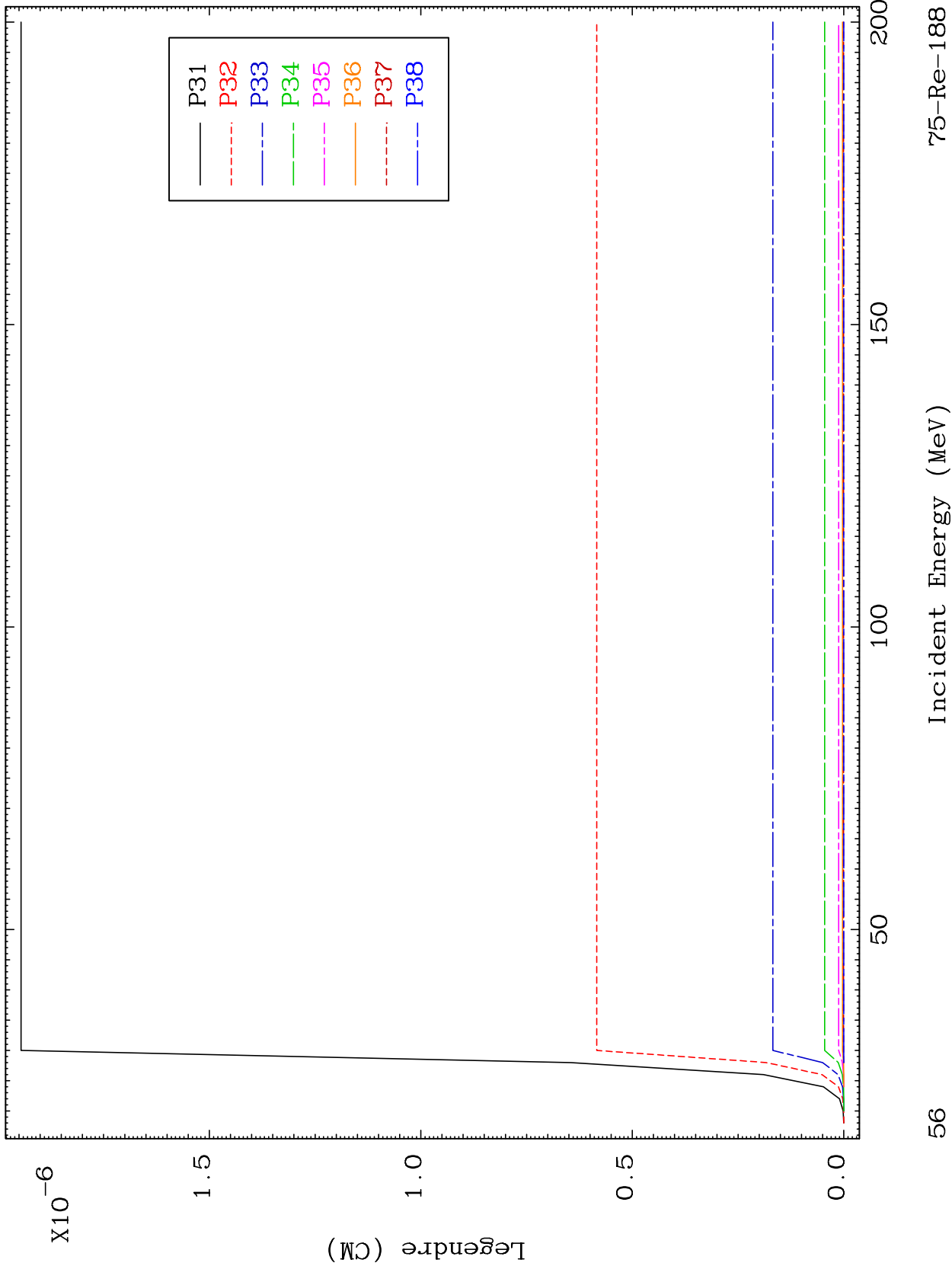
75-Re-188



MAT 7534

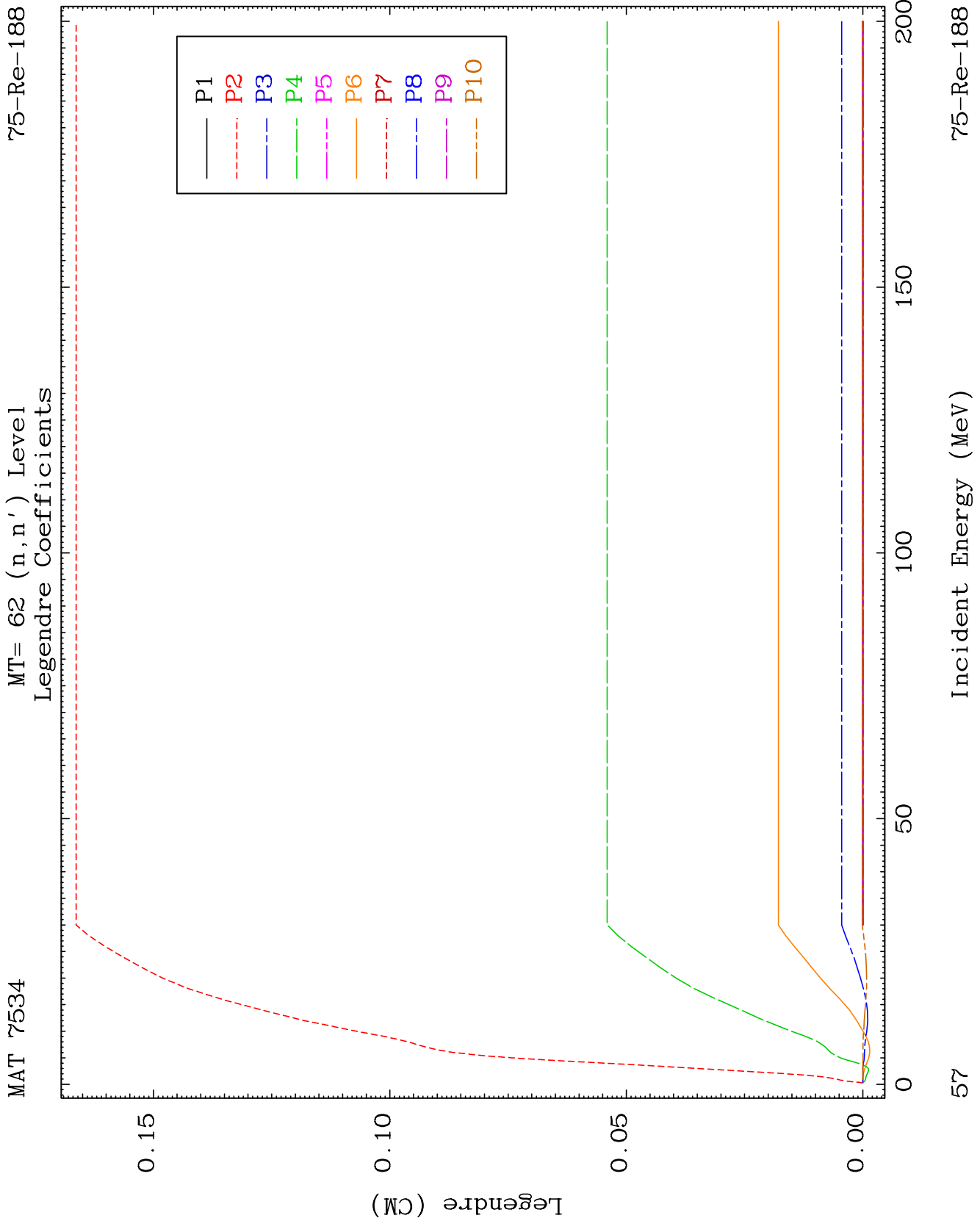
MT= 61 (n,n') Level  
Legendre Coefficients

75-Re-188



56

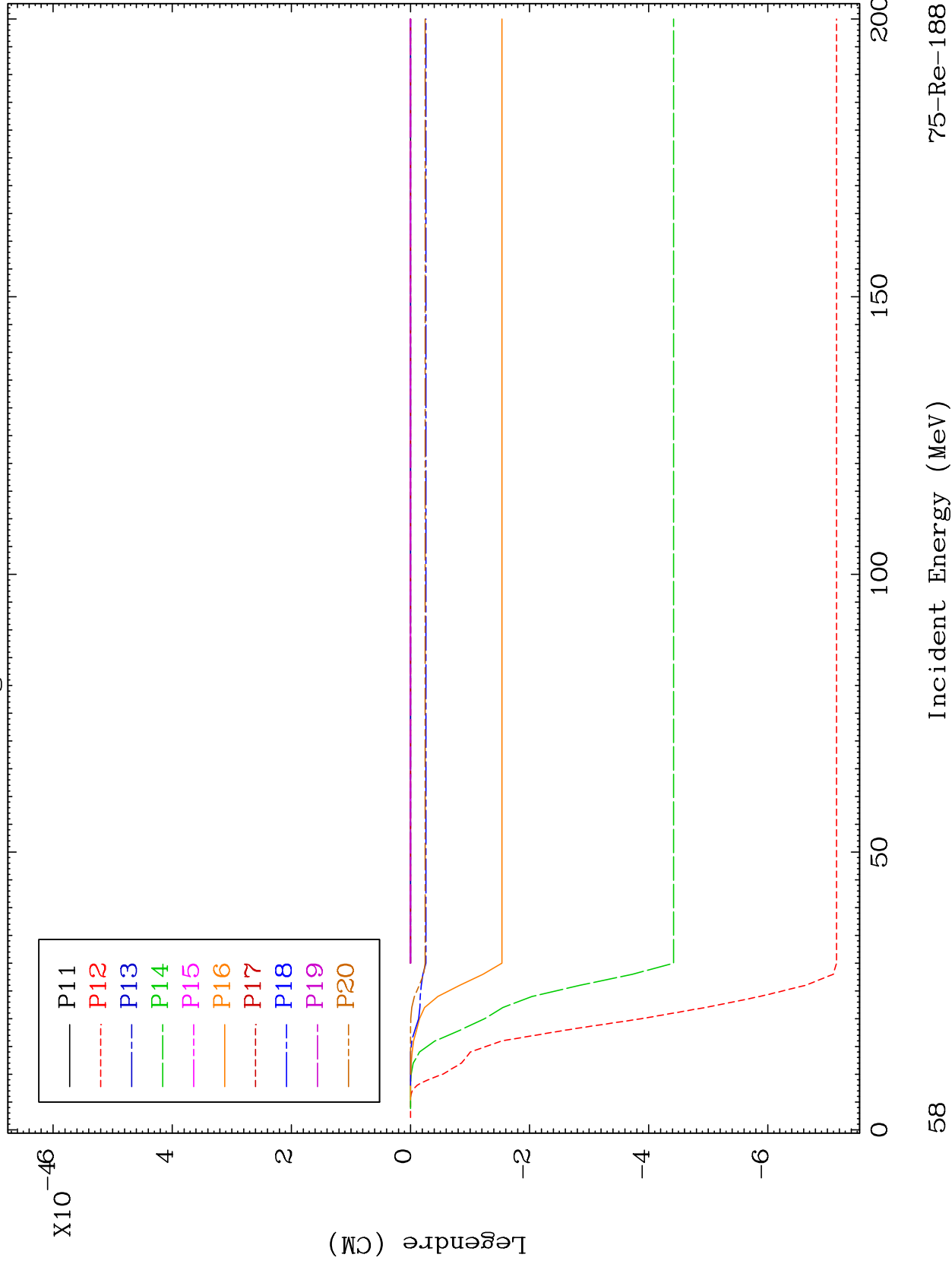
75-Re-188



MAT 7534

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

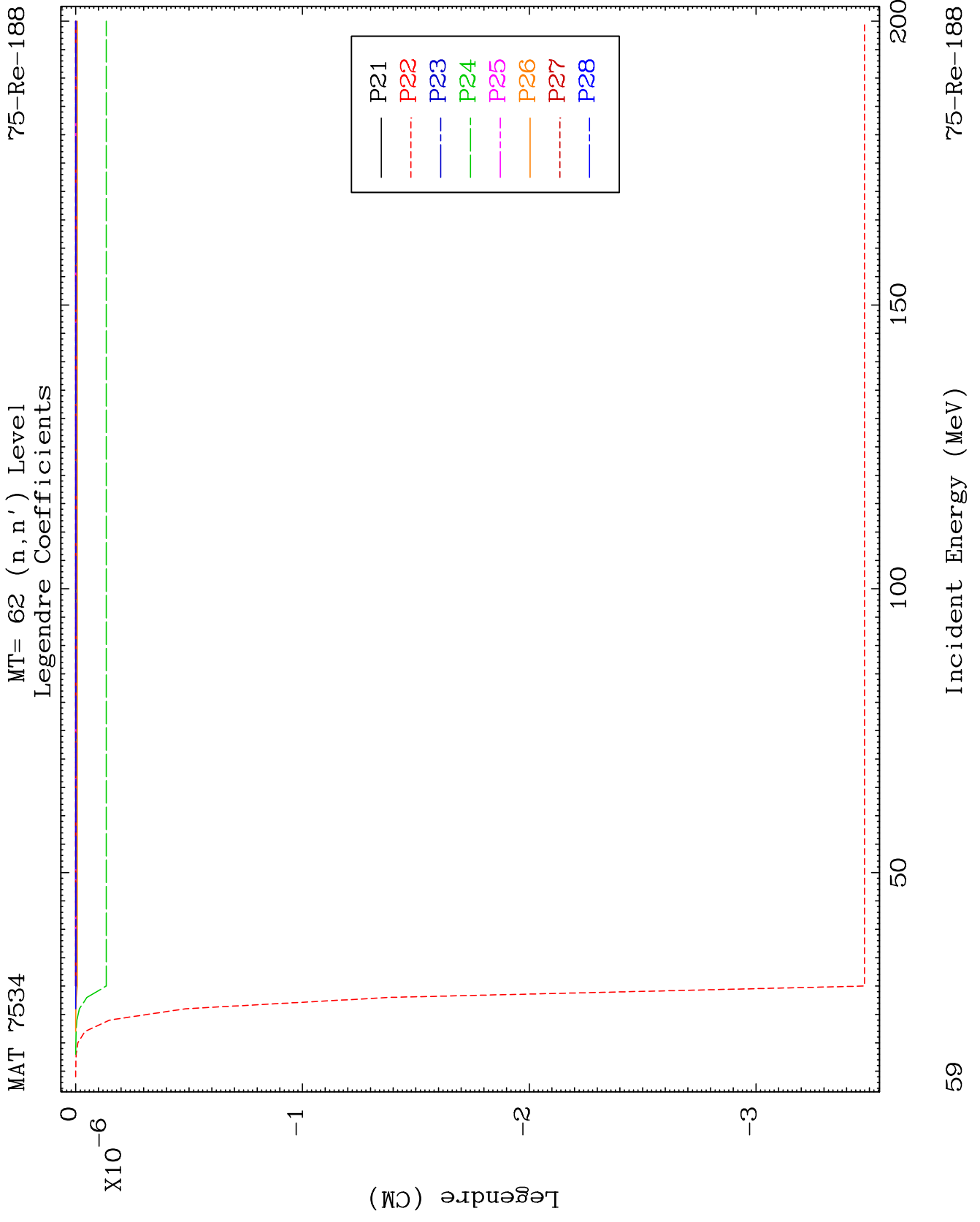
75-Re-188



75-Re-188

Incident Energy (MeV)

58

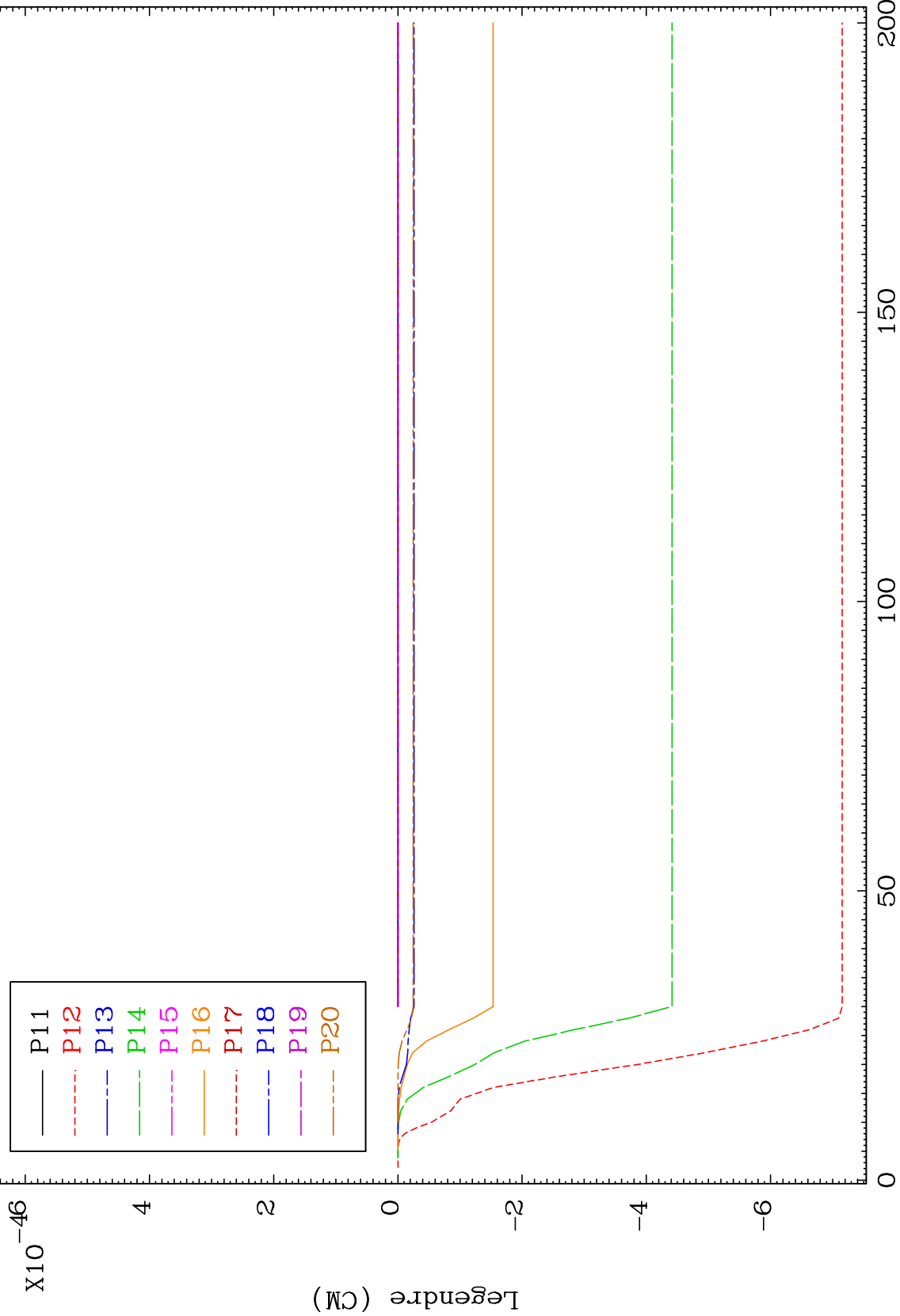
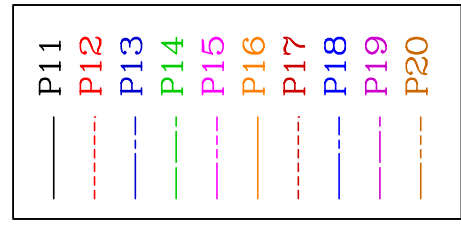




MAT 7534

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

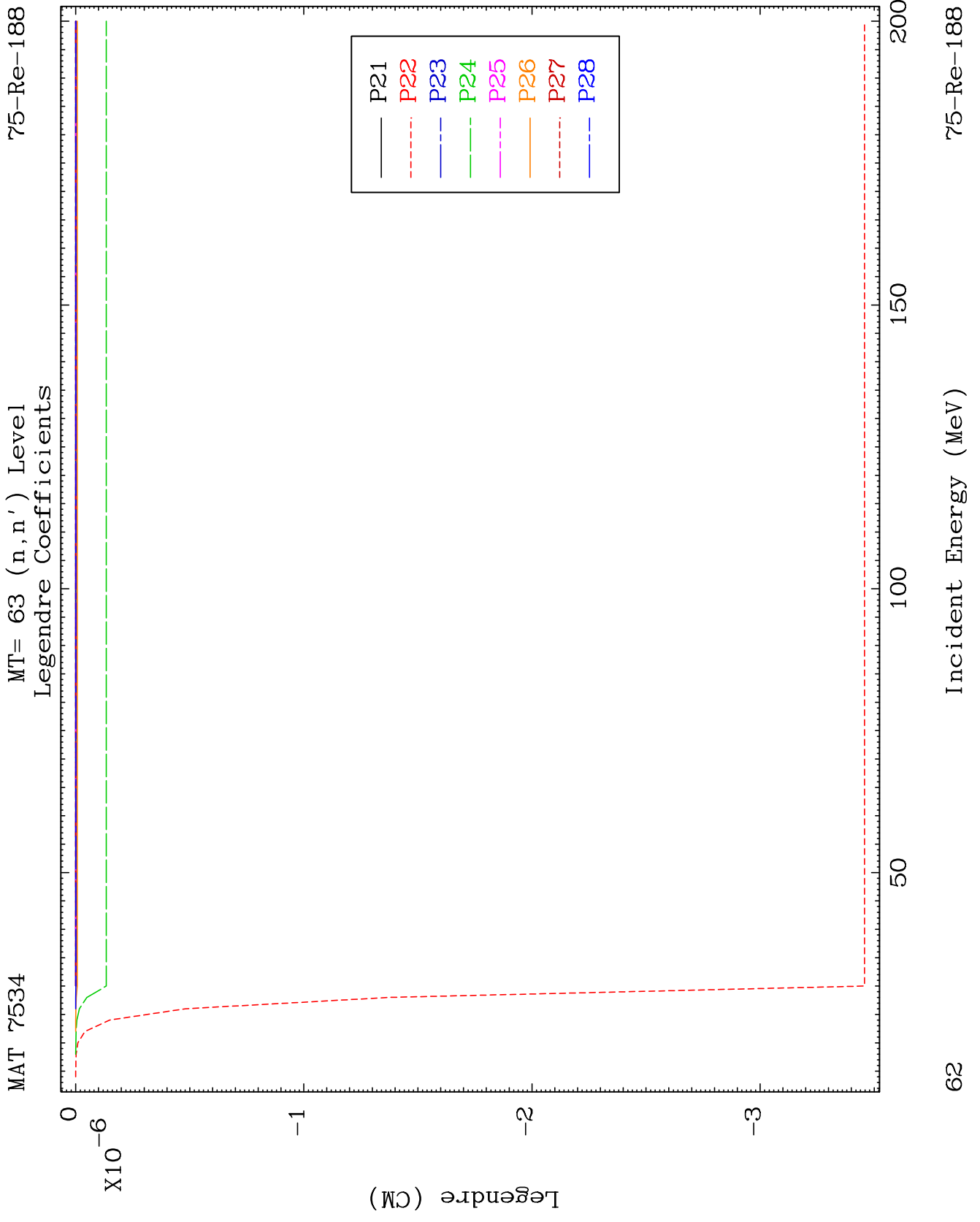
75-Re-188



61

Incident Energy (MeV)

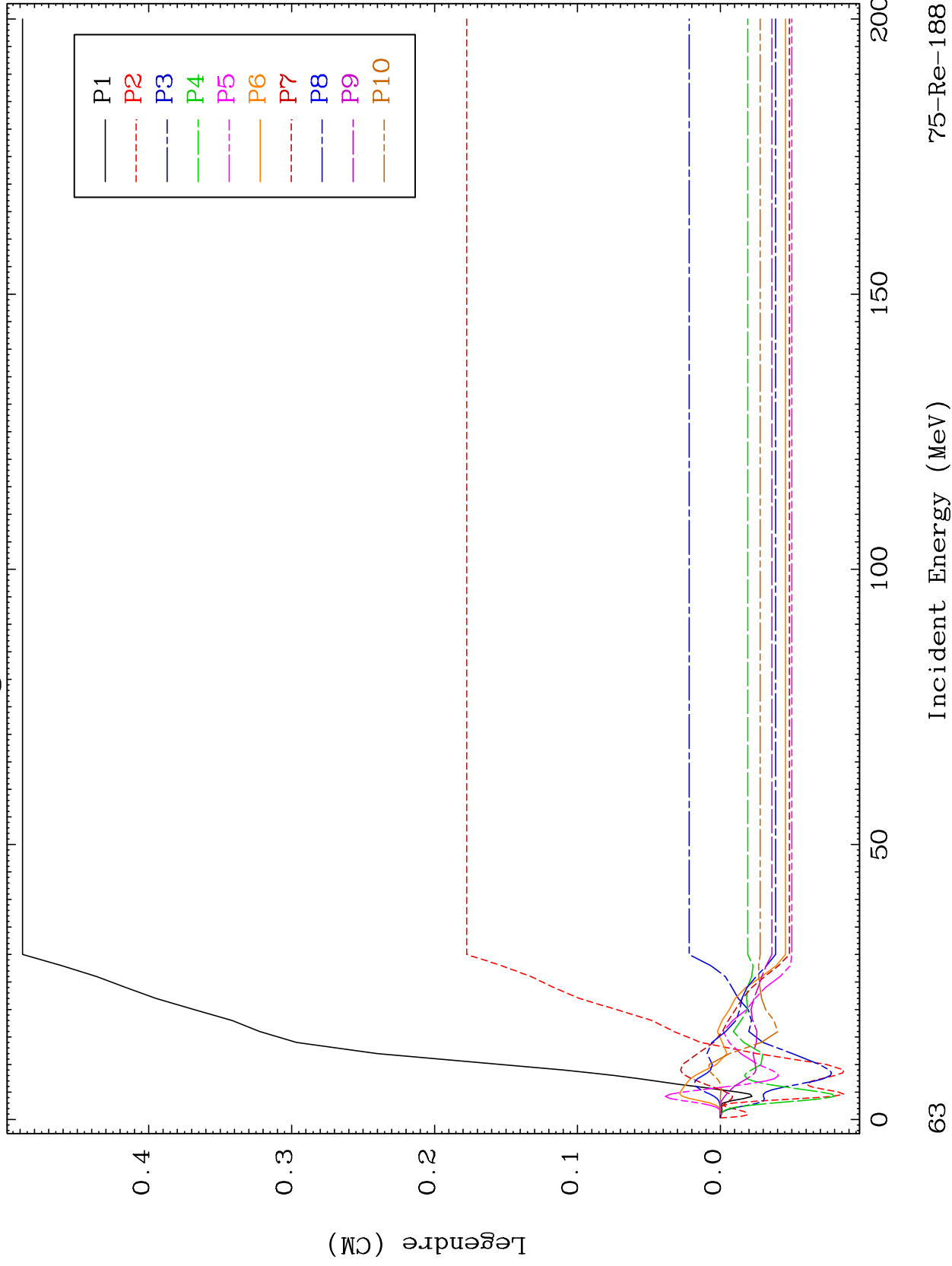
75-Re-188



MAT 7534

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

75-Re-188



75-Re-188

Incident Energy (MeV)

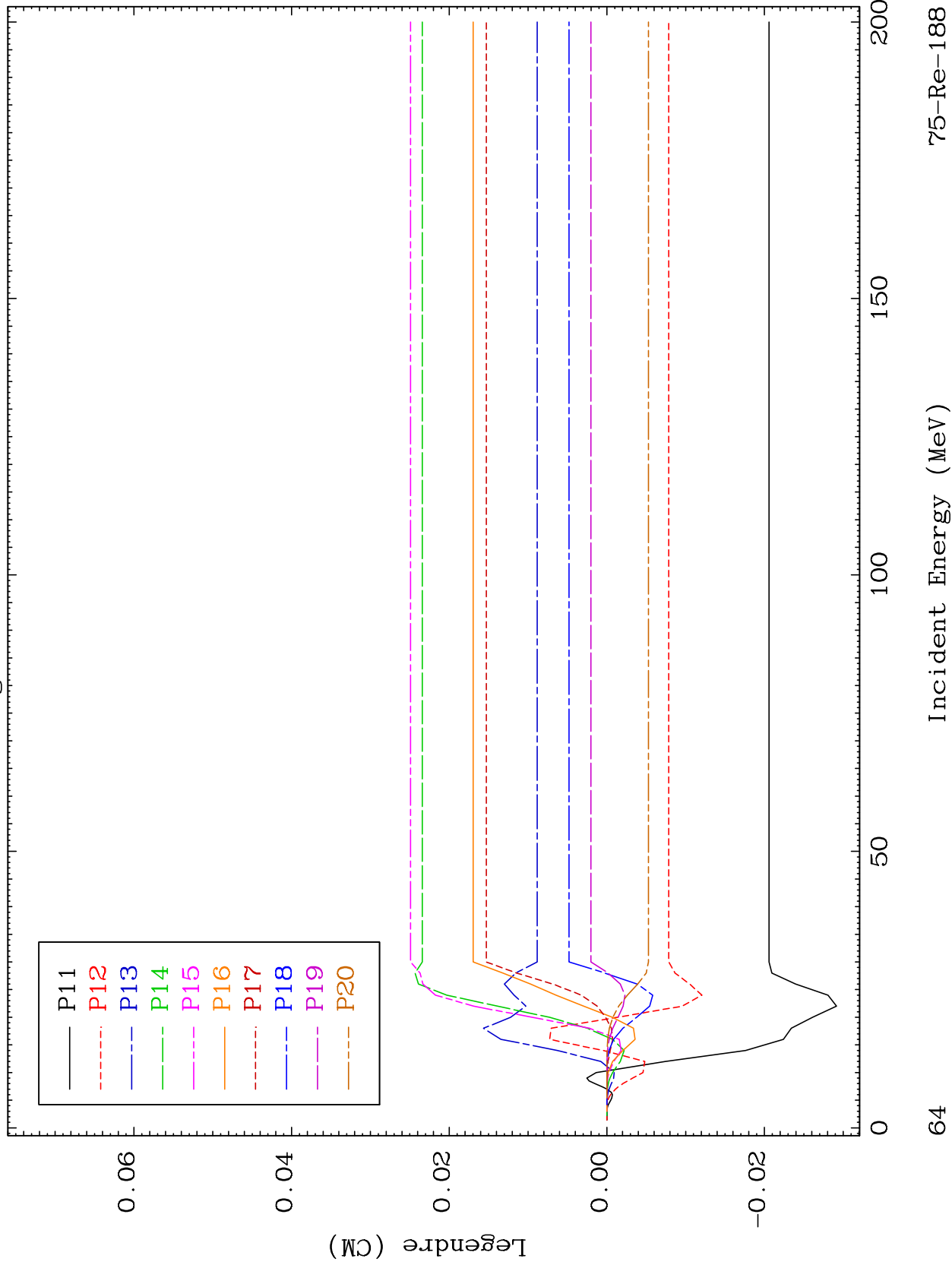
63



MAT 7534

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

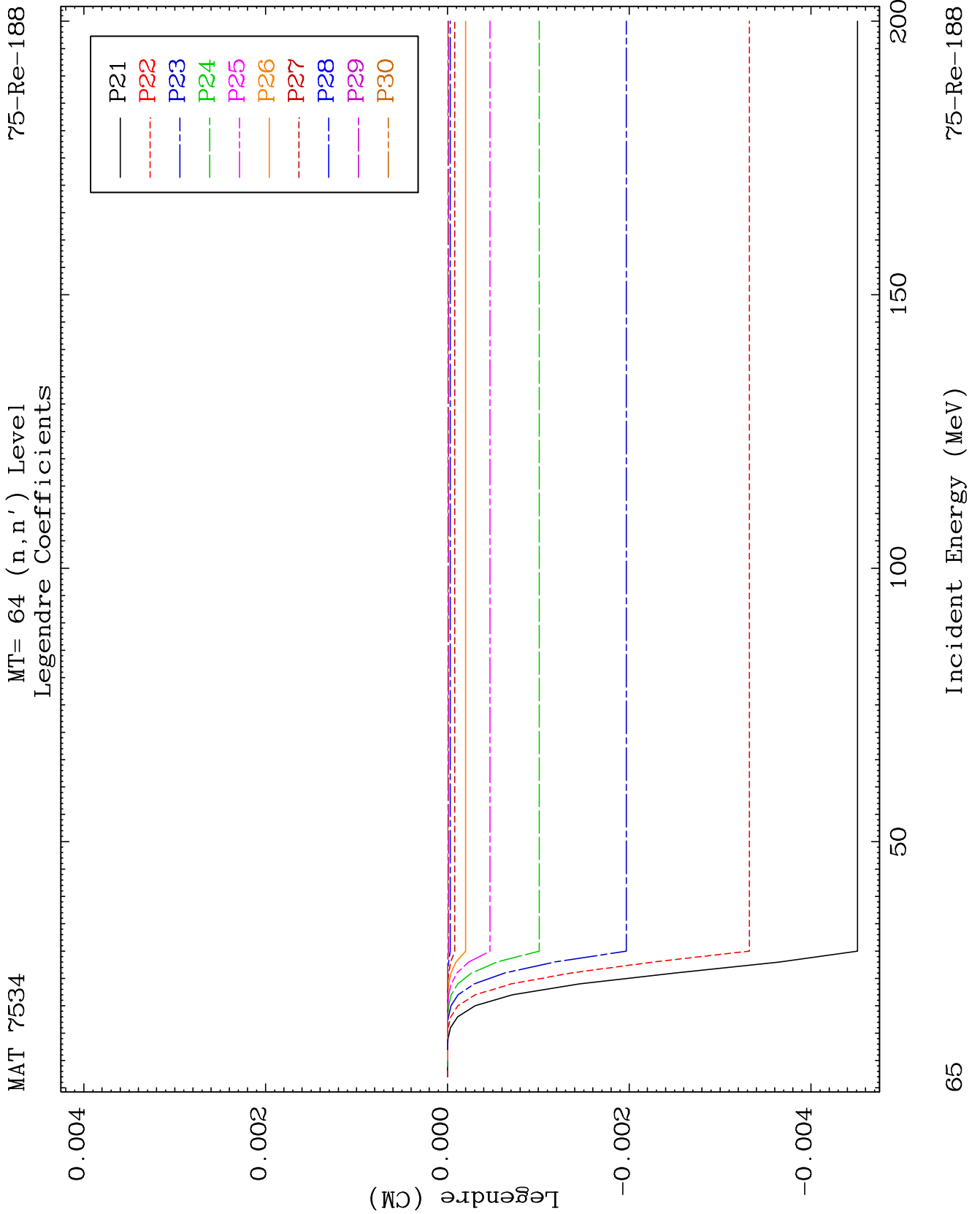
75-Re-188

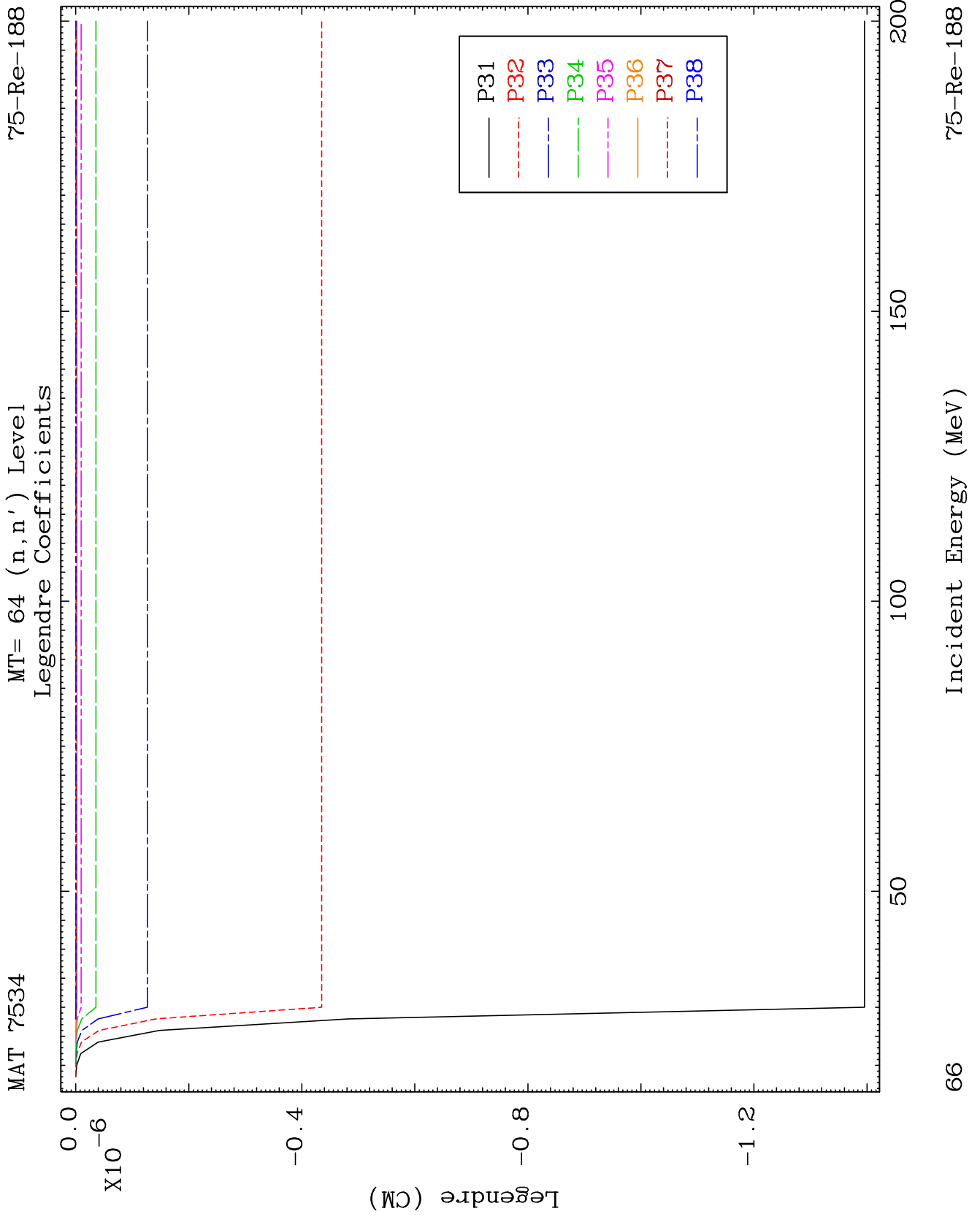


75-Re-188

Incident Energy (MeV)

64

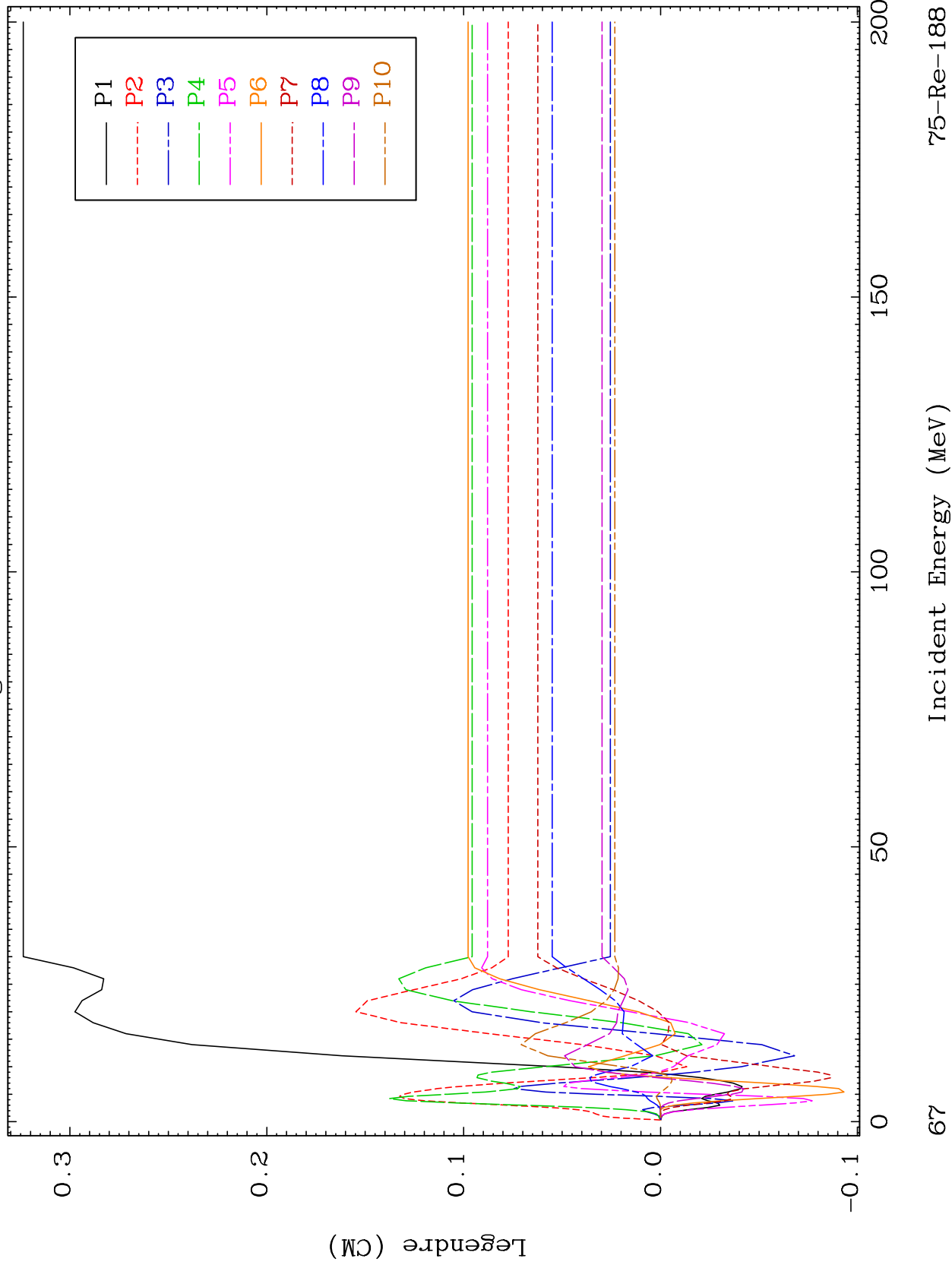




MAT 7534

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

75-Re-188



75-Re-188

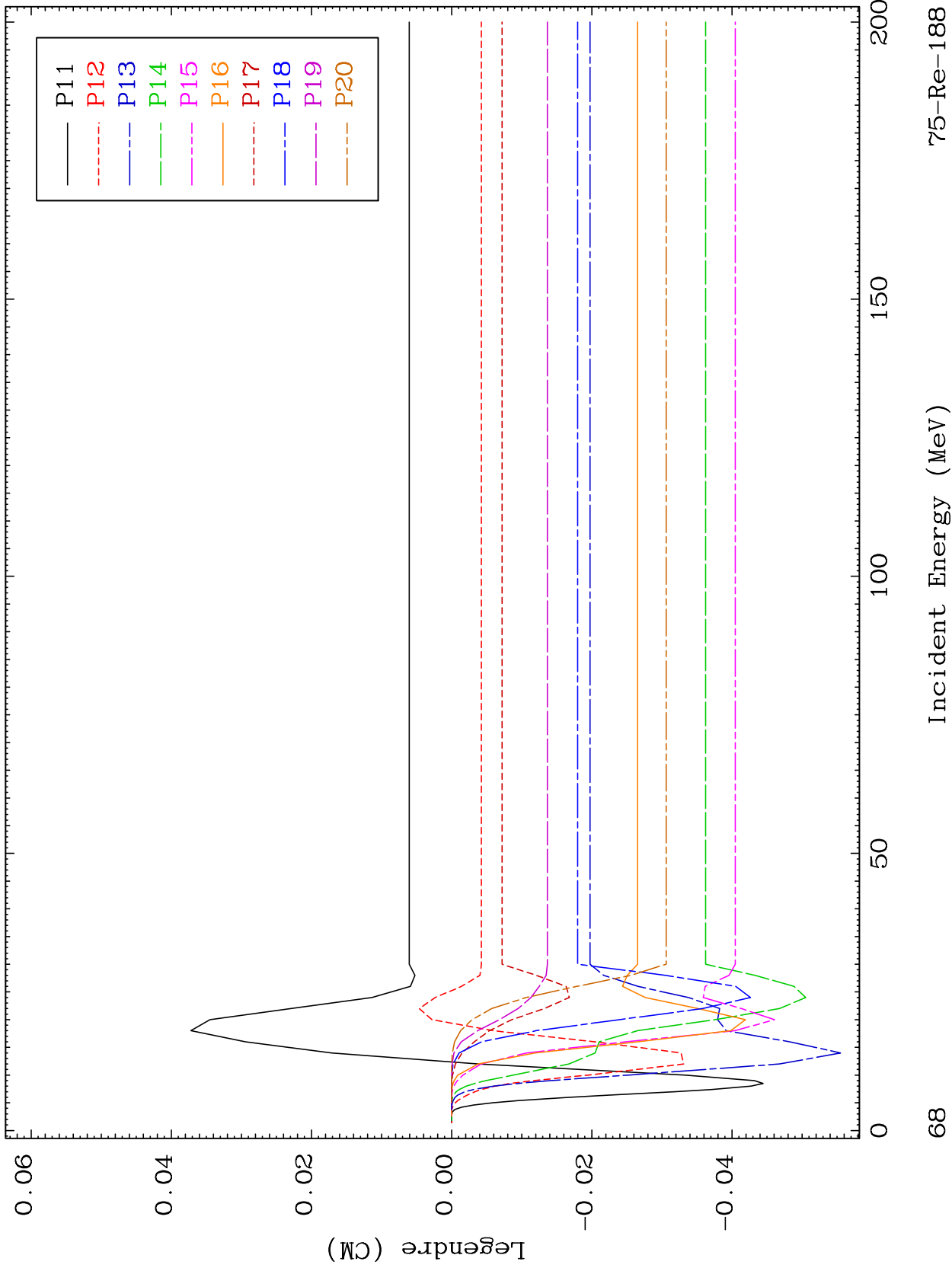
Incident Energy (MeV)

67

MAT 7534

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

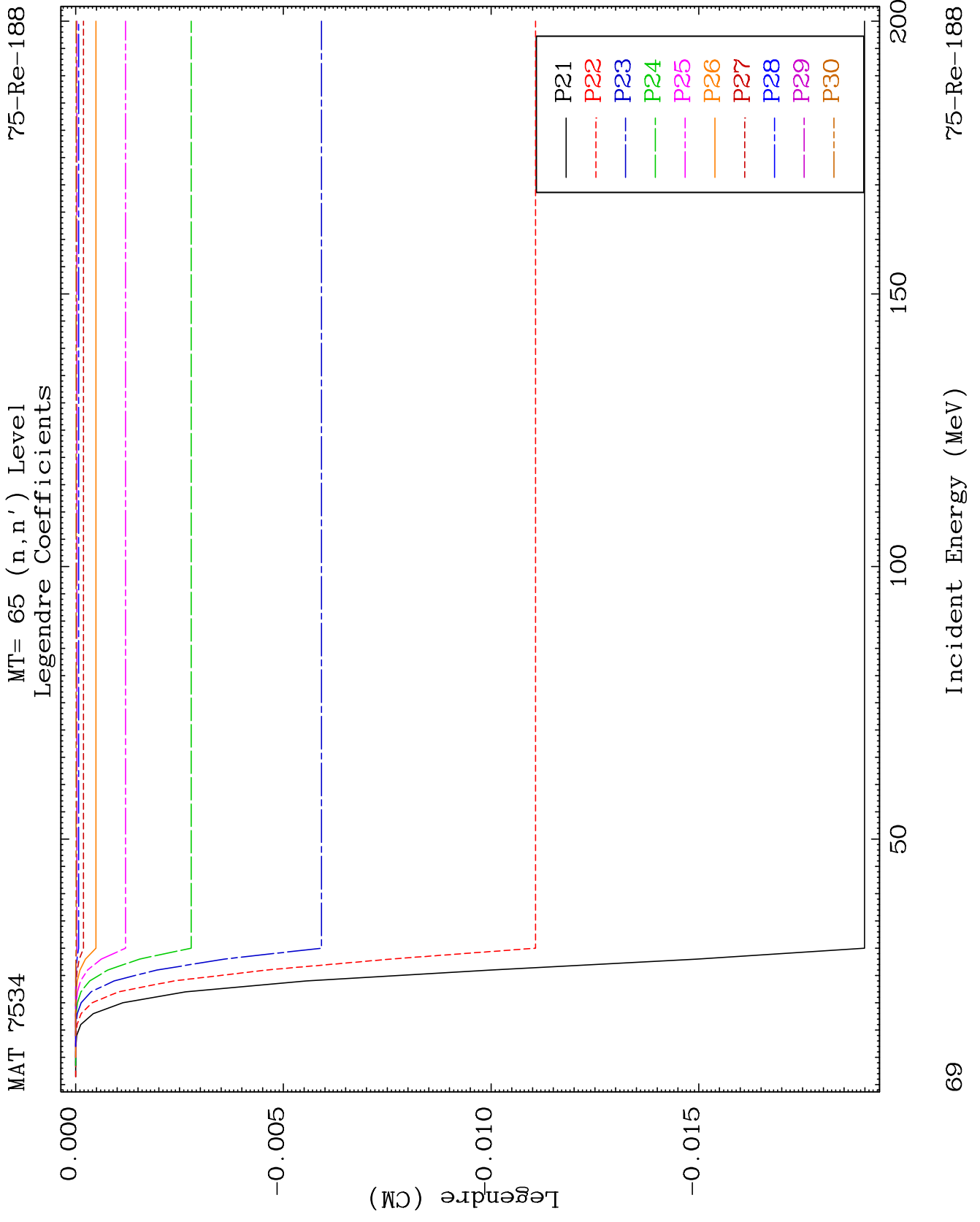
75-Re-188

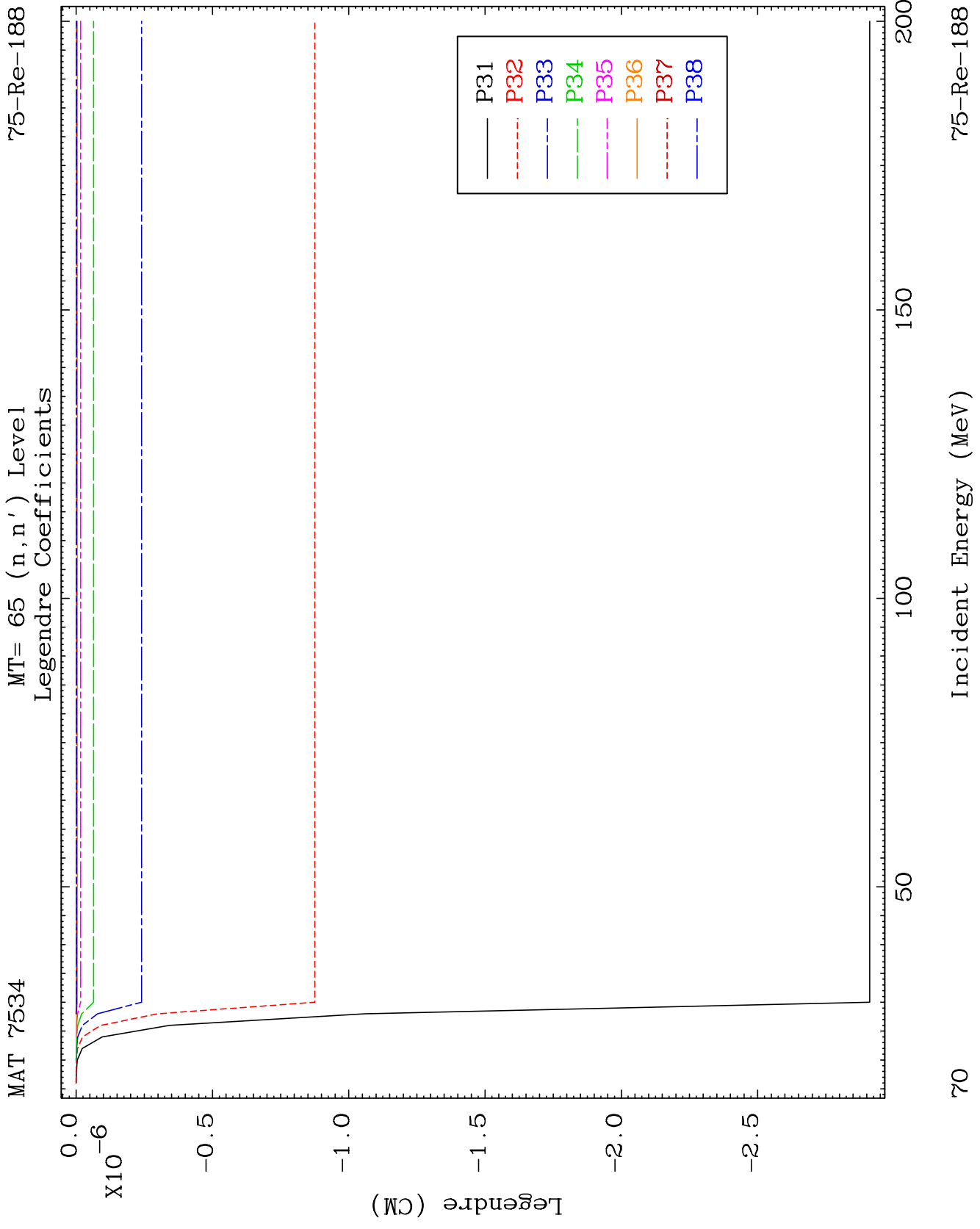


75-Re-188

Incident Energy (MeV)

68

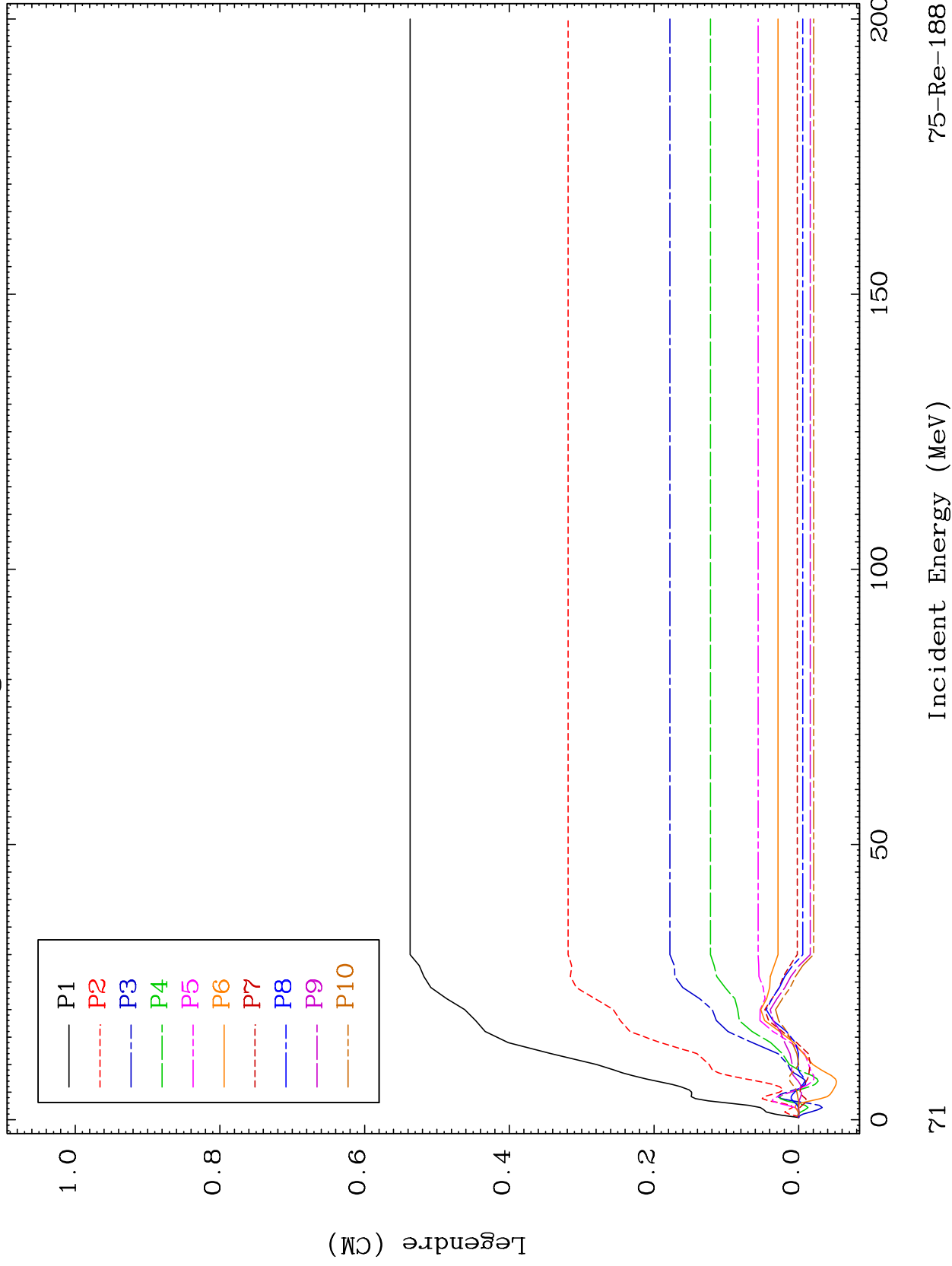




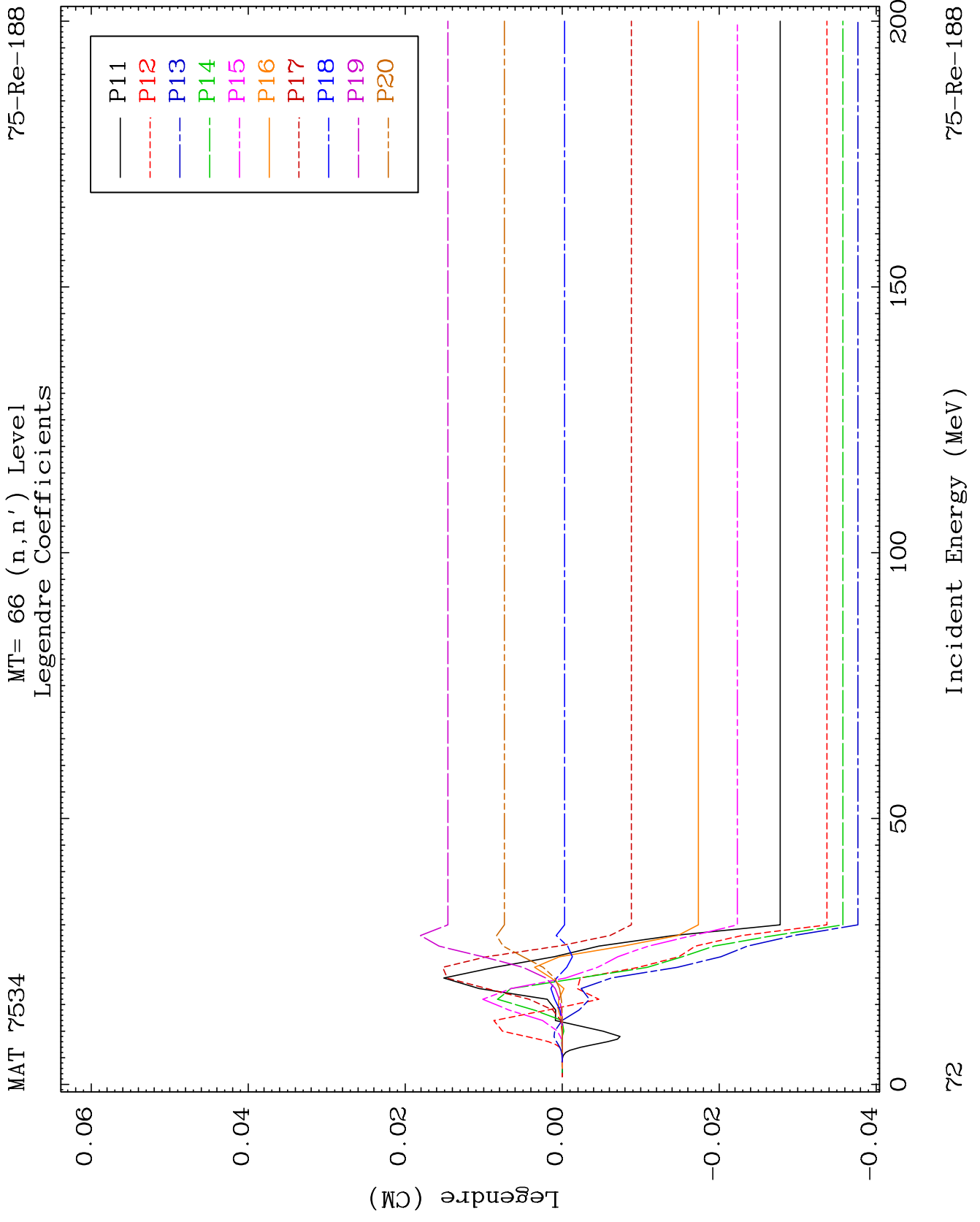
MAT 7534

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

75-Re-188



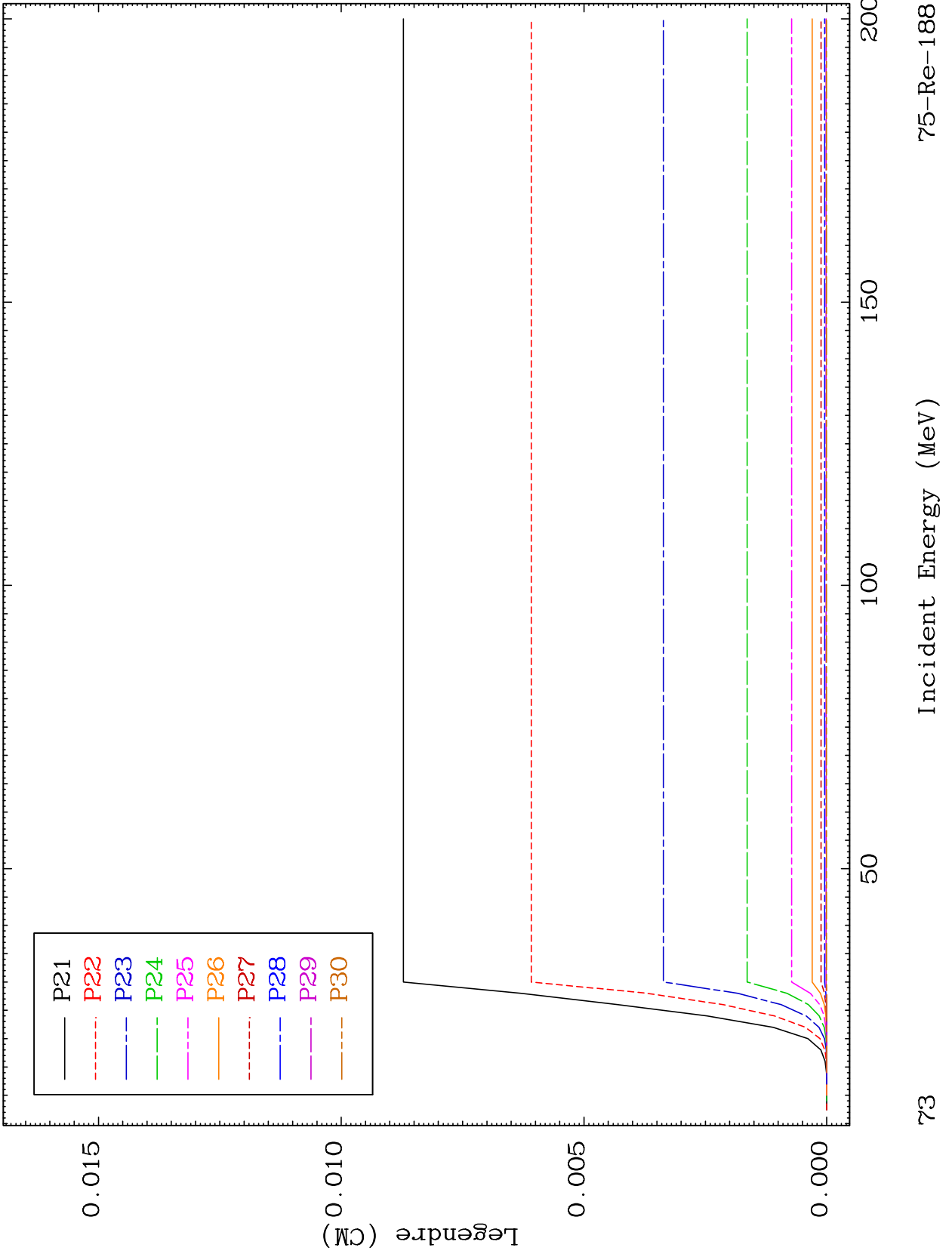




MAT 7534

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

75-Re-188



73

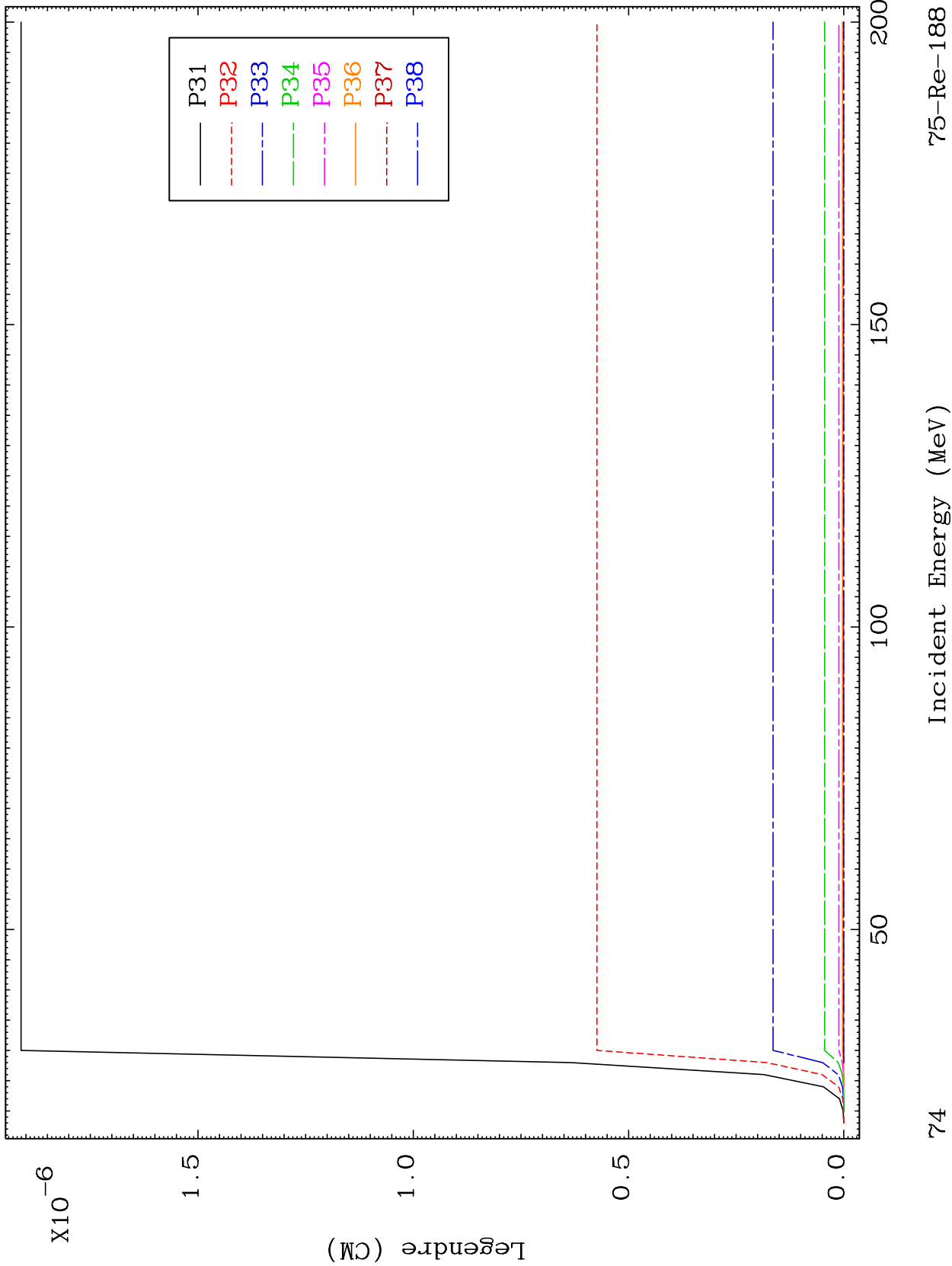
Incident Energy (MeV)

75-Re-188

MAT 7534

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

75-Re-188

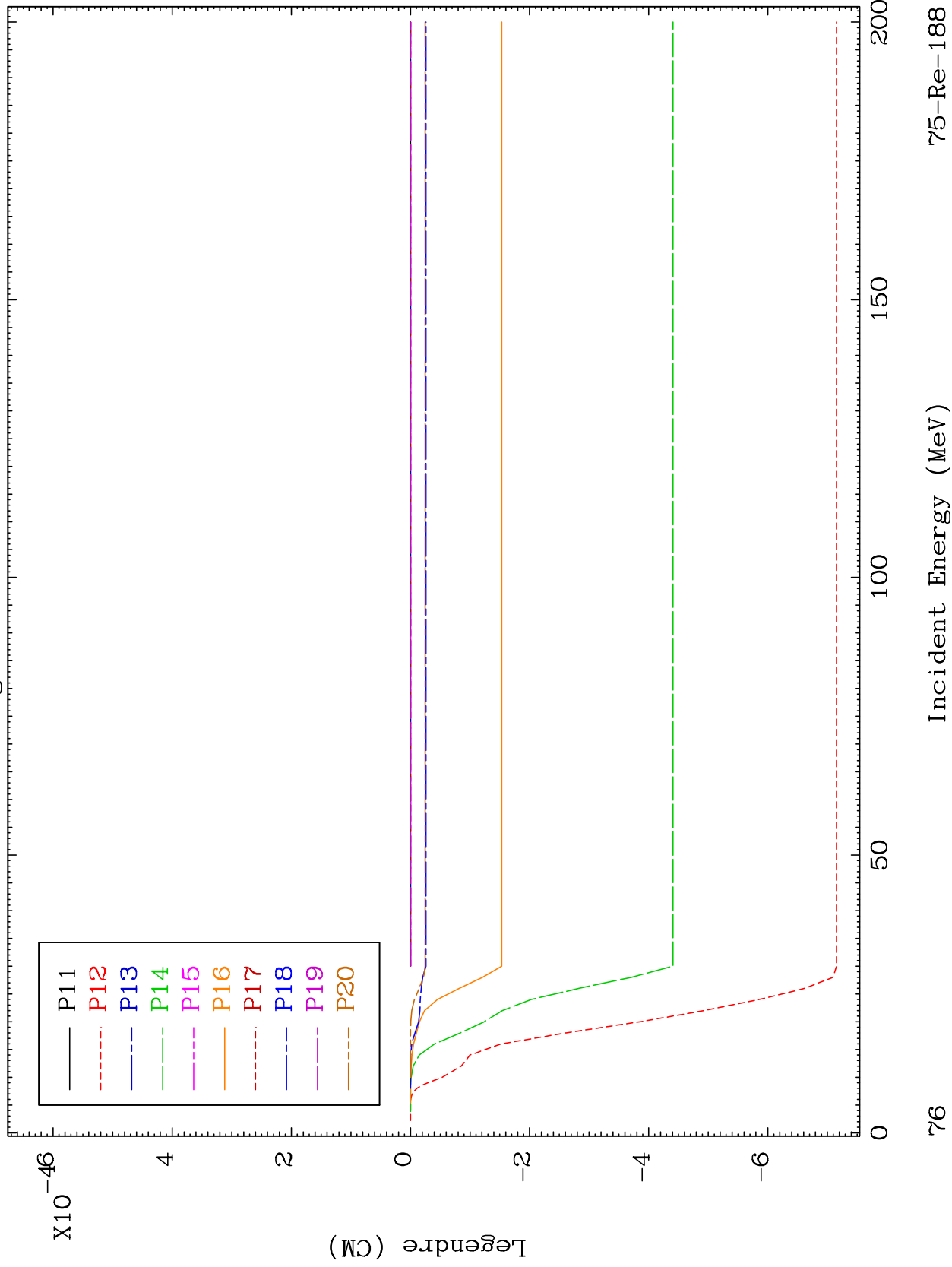


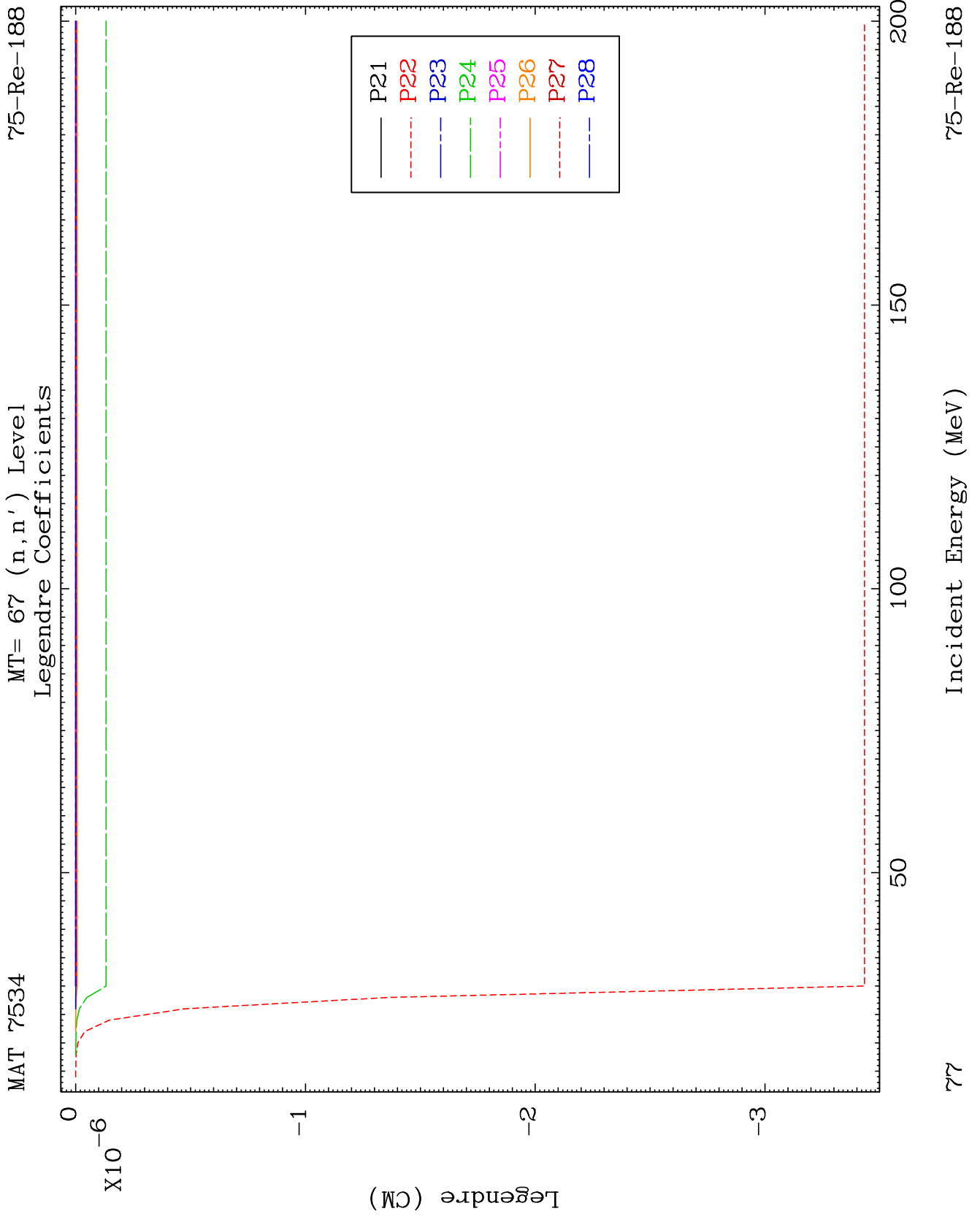


MAT 7534

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

75-Re-188



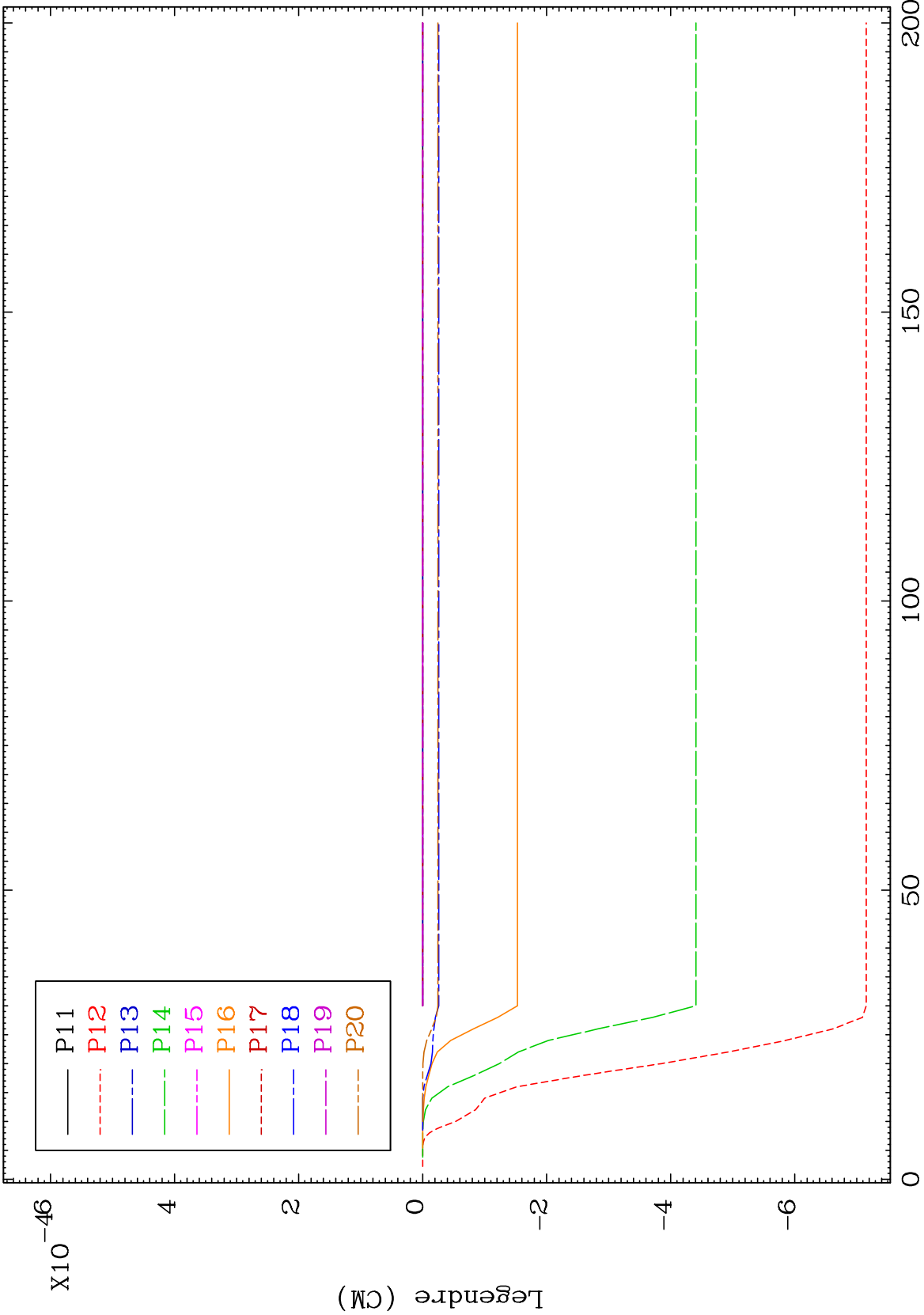
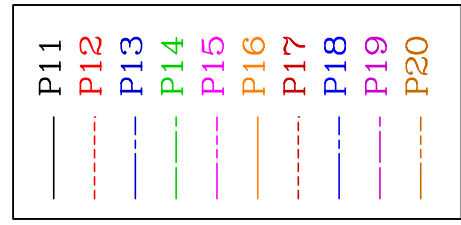




MAT 7534

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

75-Re-188

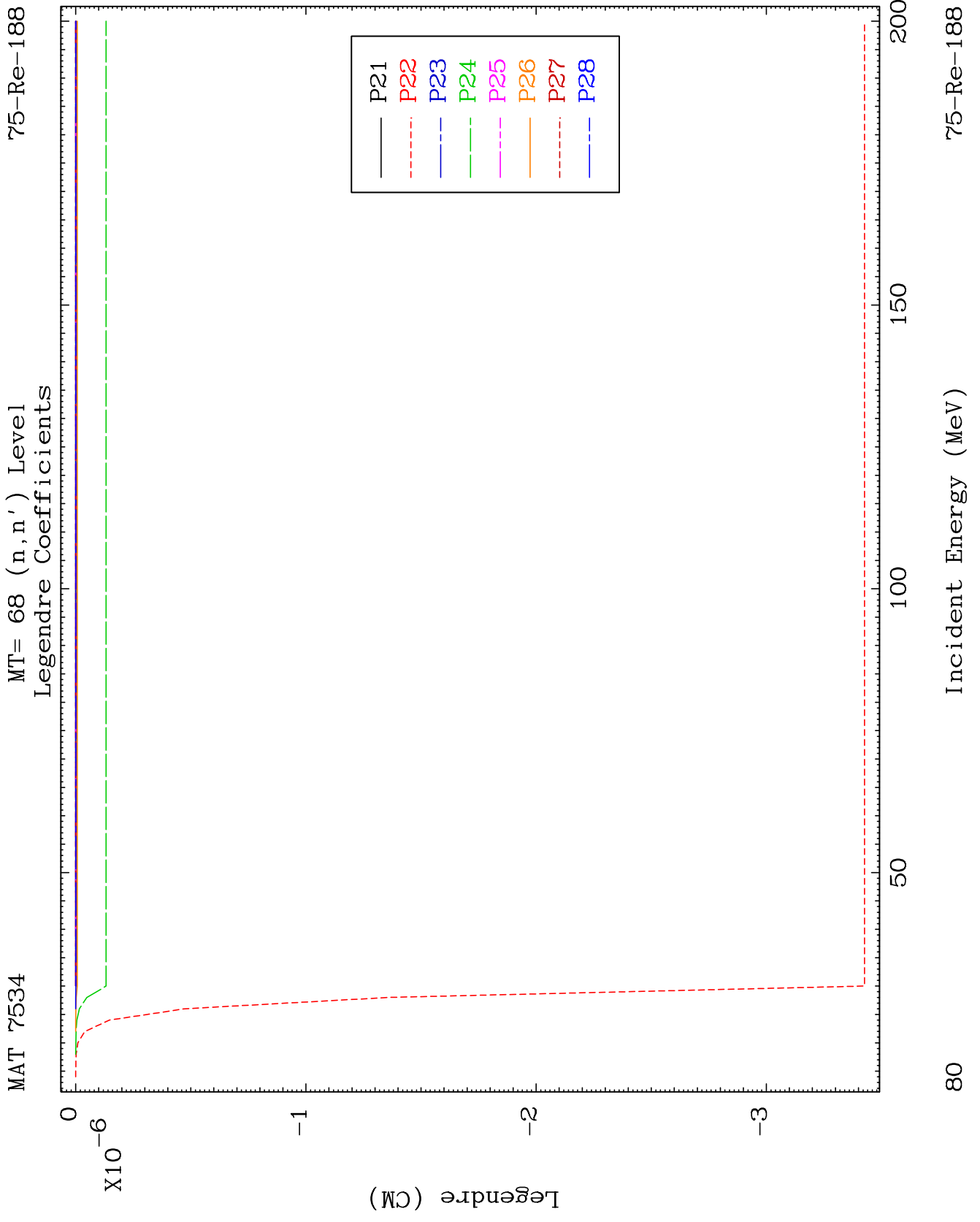


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Incident Energy (MeV)

75-Re-188

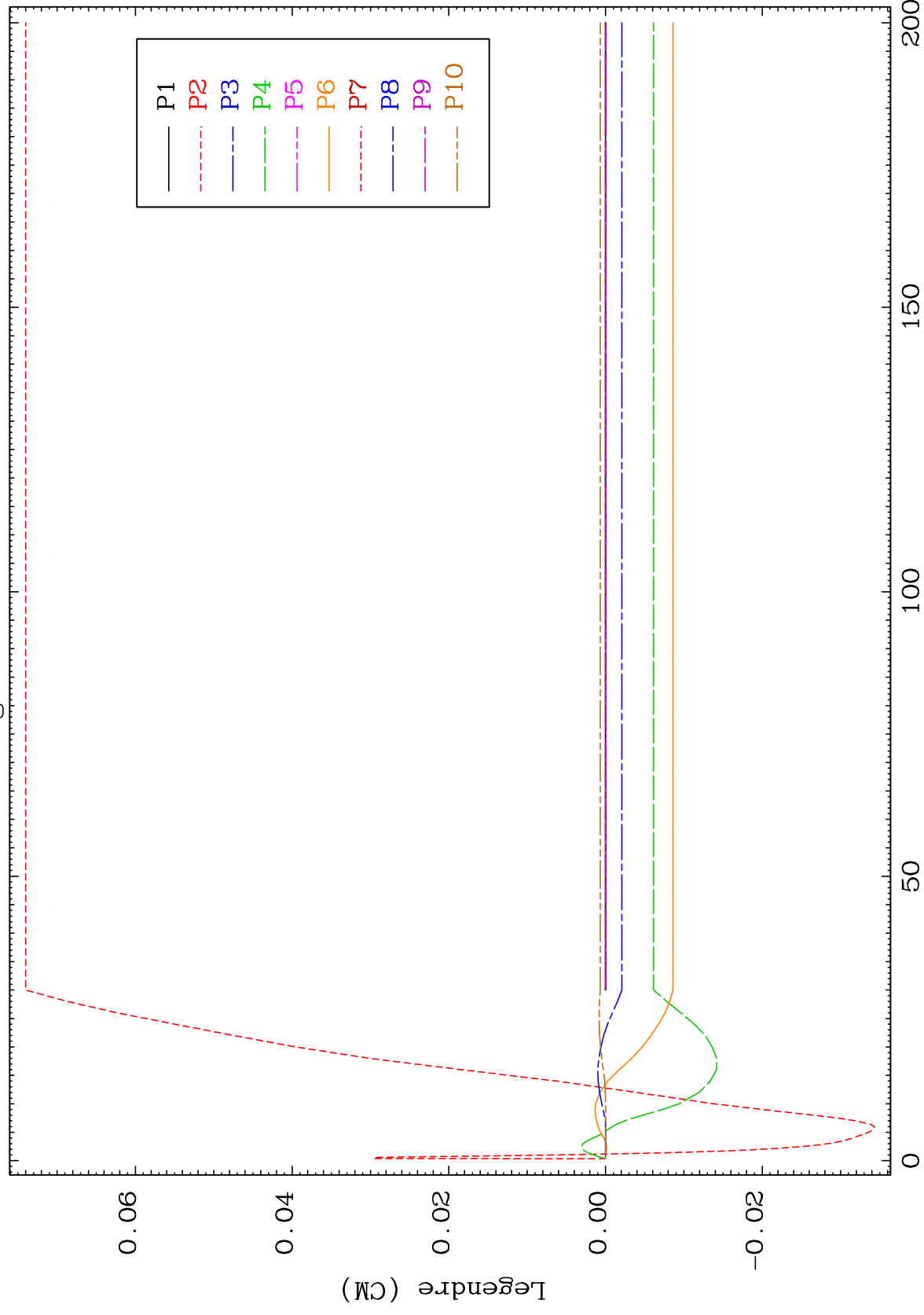




MAT 7534

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

75-Re-188



81

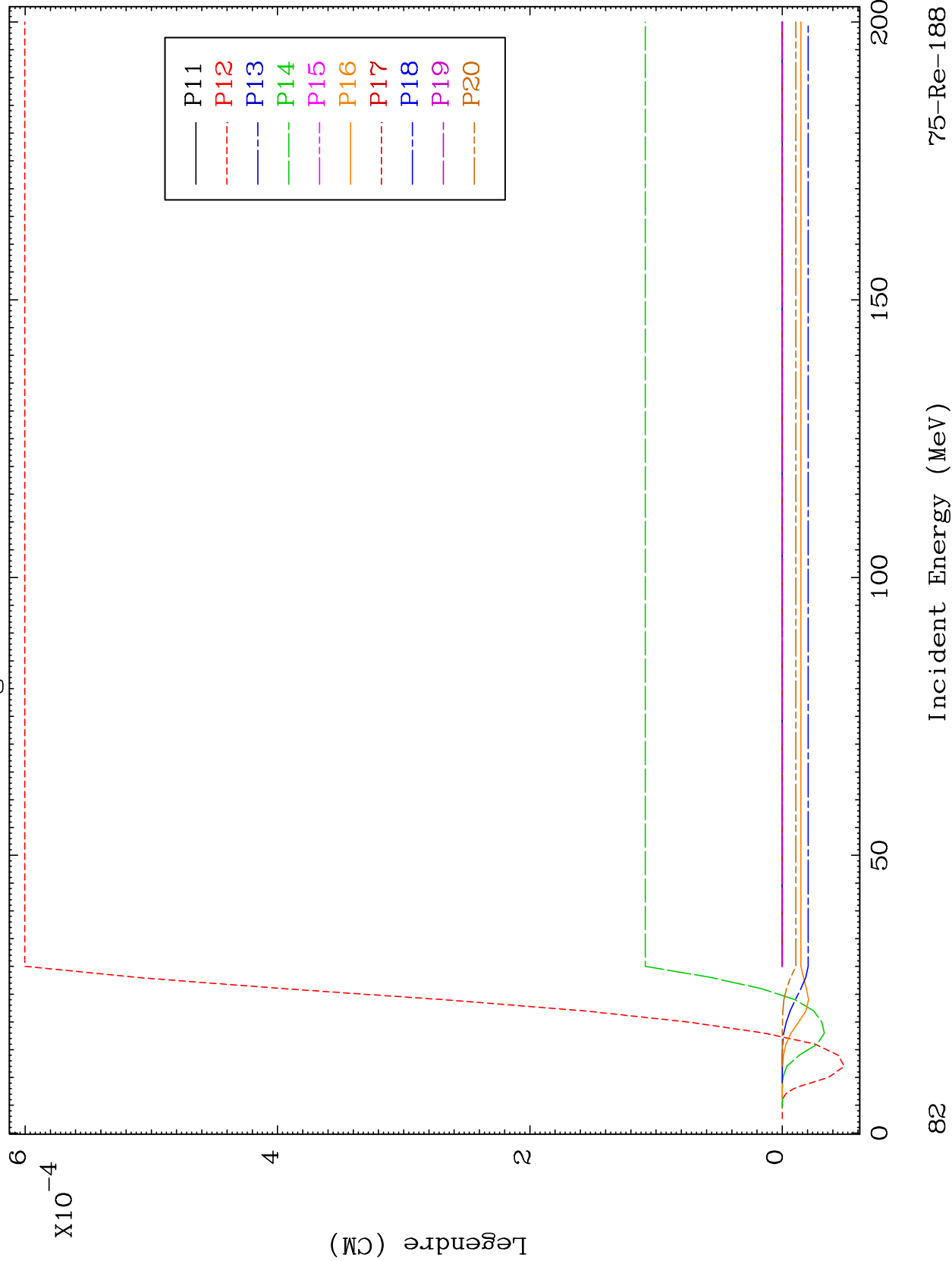
Incident Energy (MeV)

75-Re-188

MAT 7534

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

75-Re-188



82

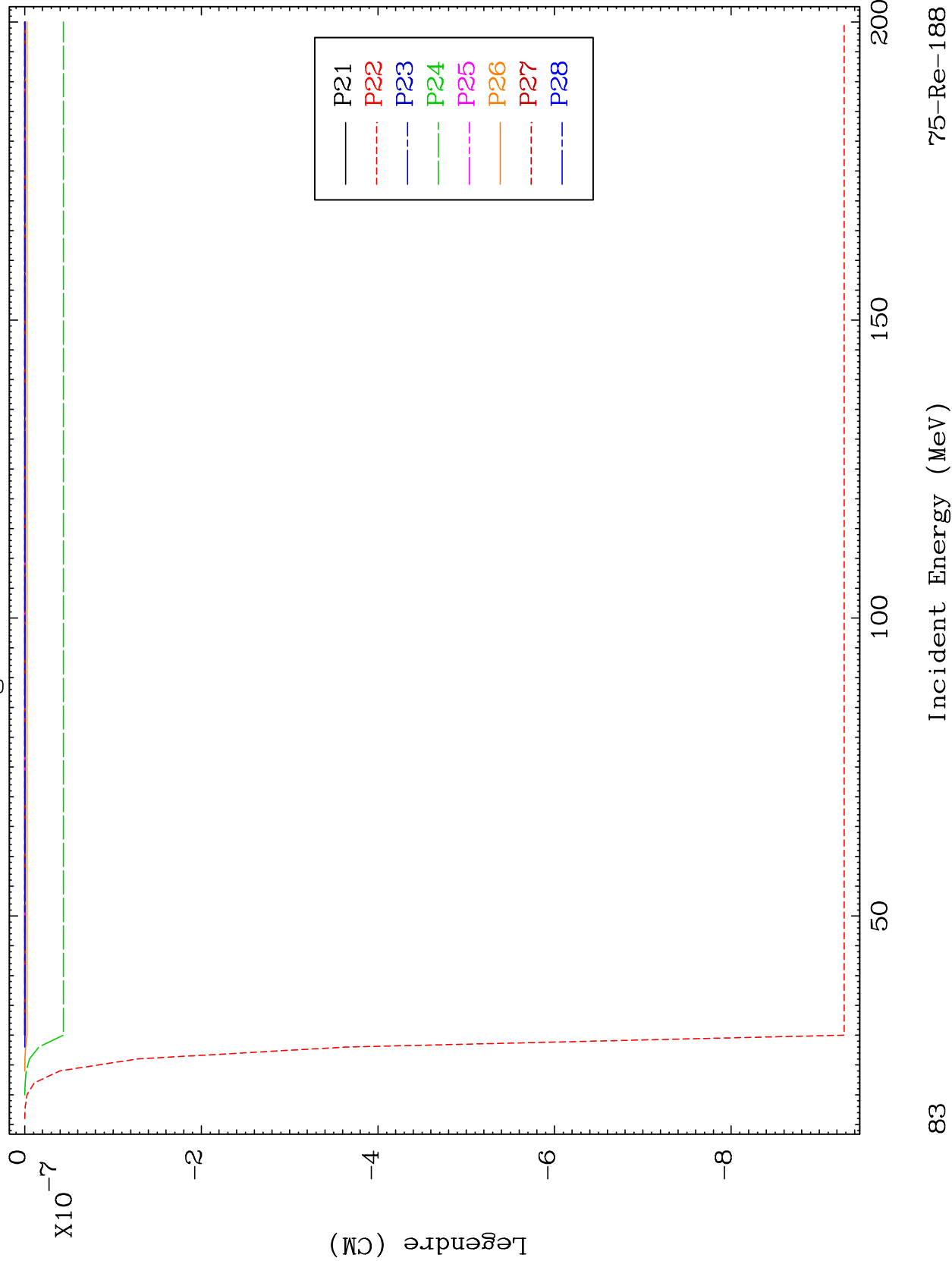
Incident Energy (MeV)

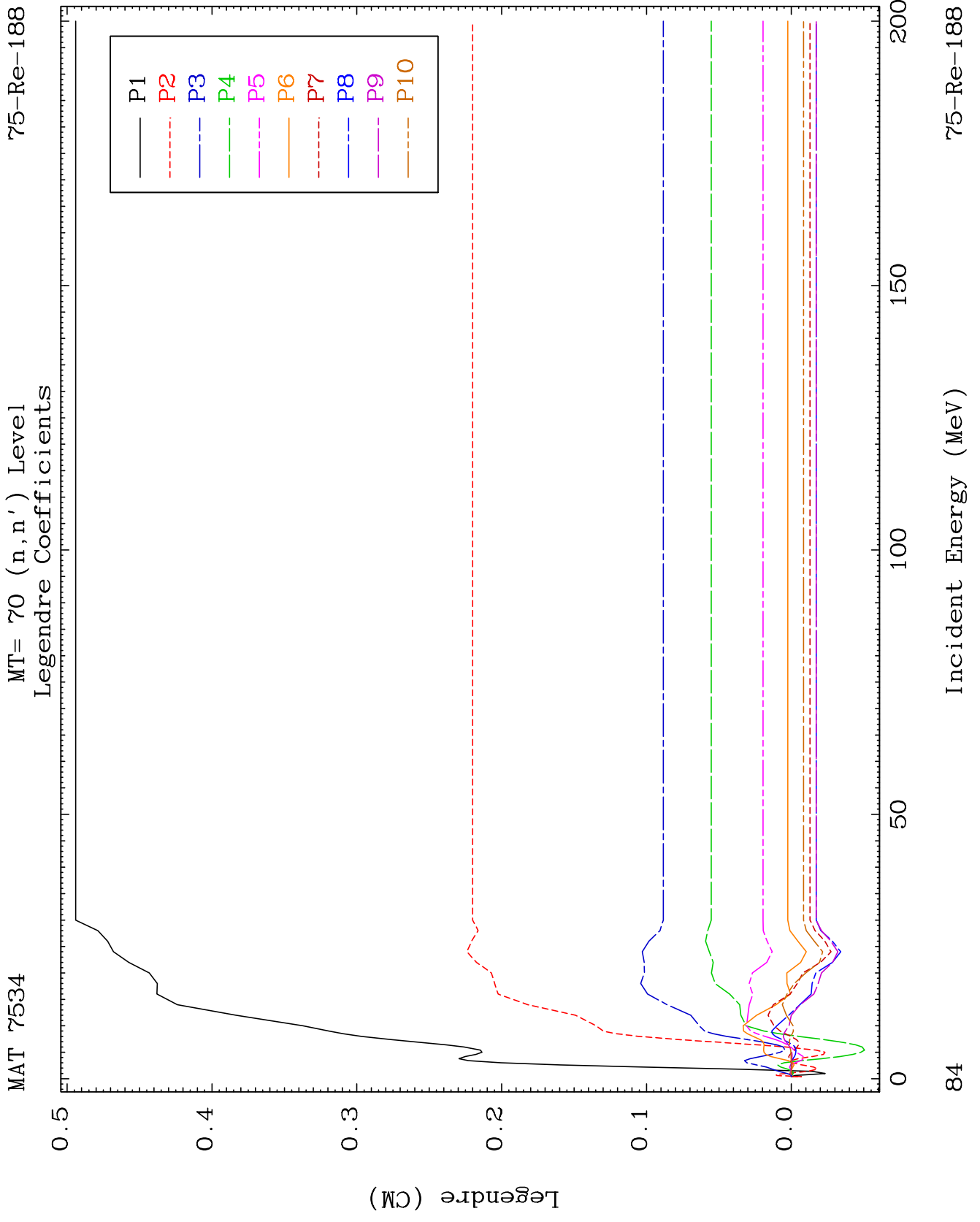
75-Re-188

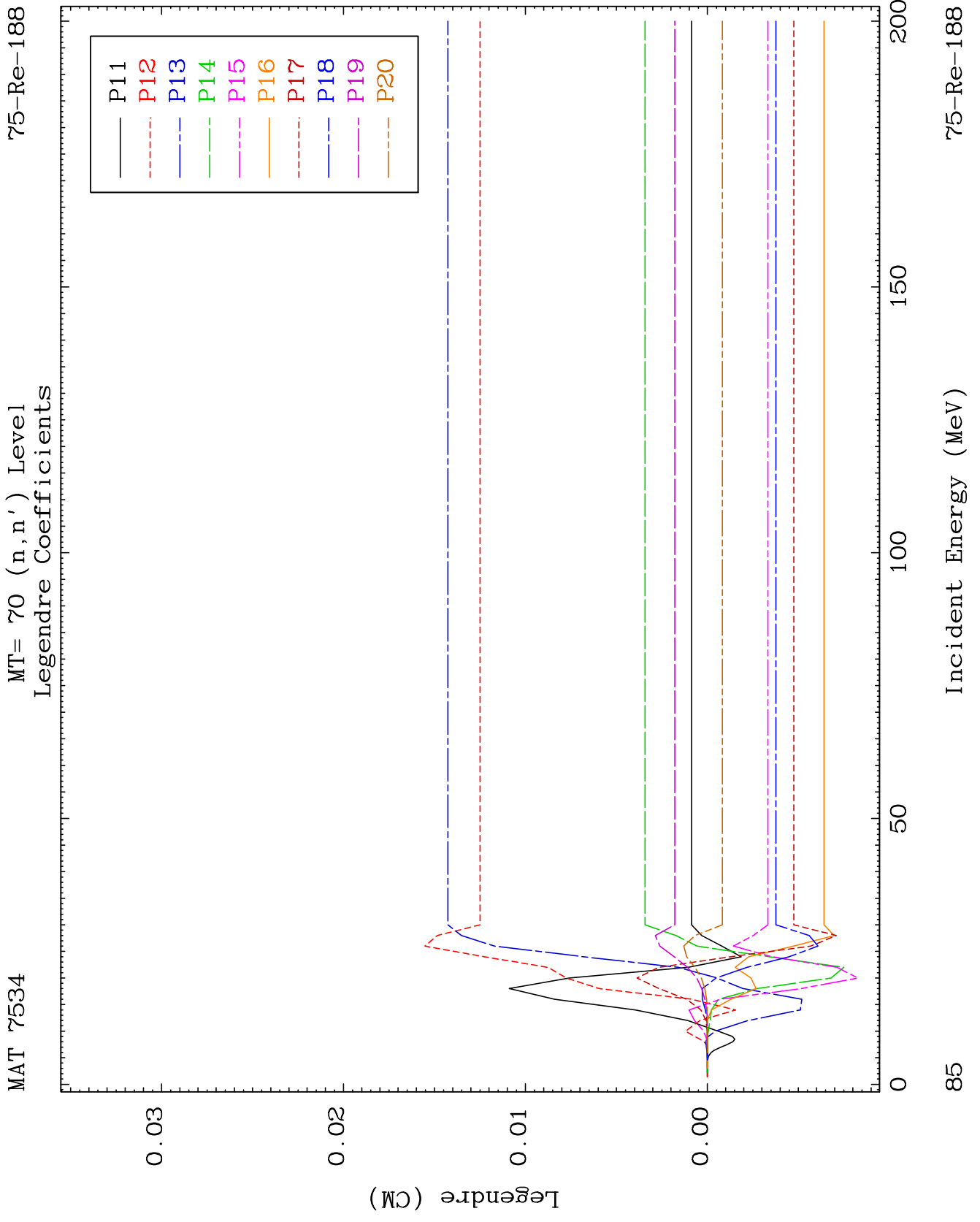
MAT 7534

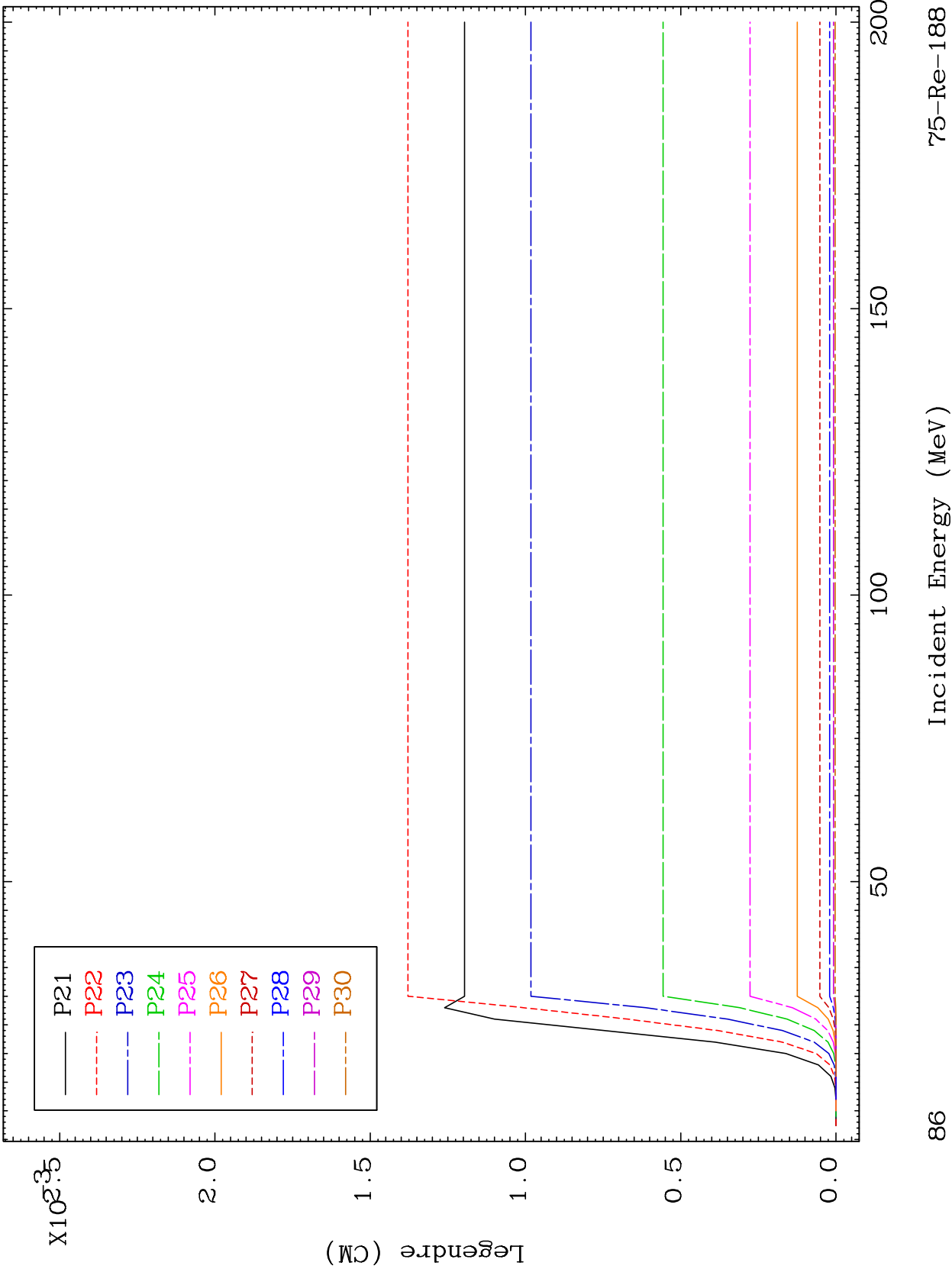
MT= 69 (n,n') Level  
Legendre Coefficients

75-Re-188





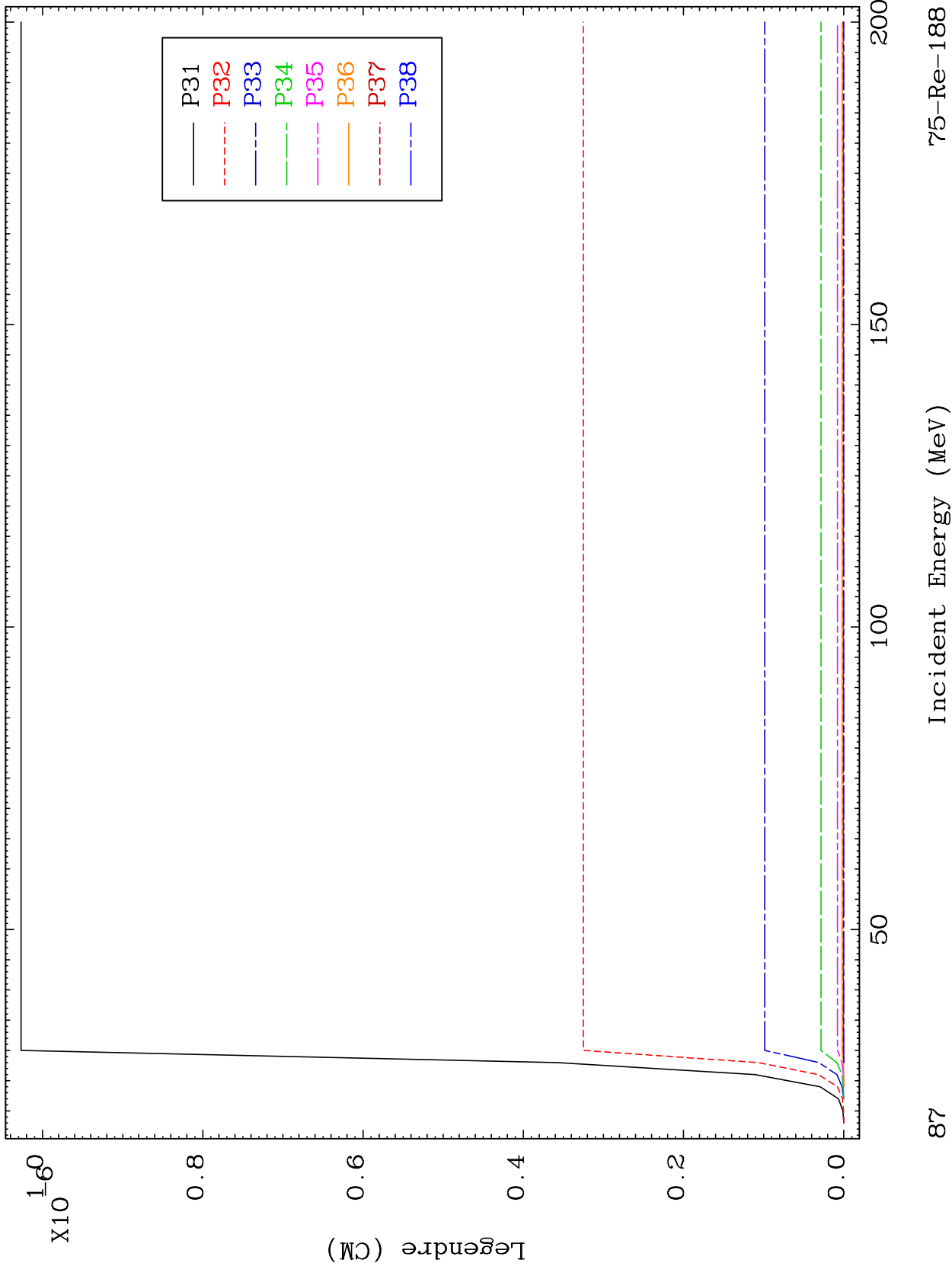




MAT 7534

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

75-Re-188

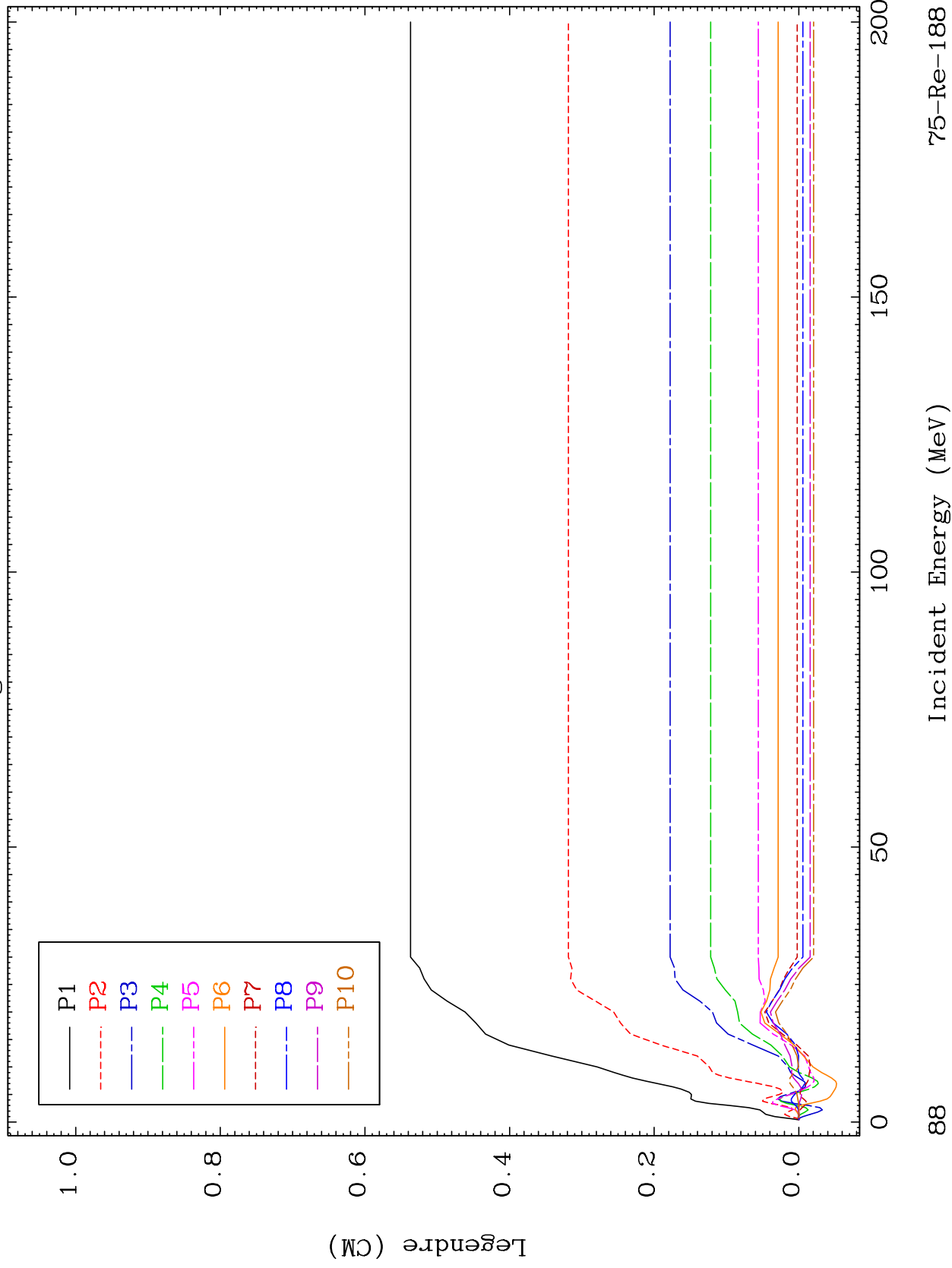




MAT 7534

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

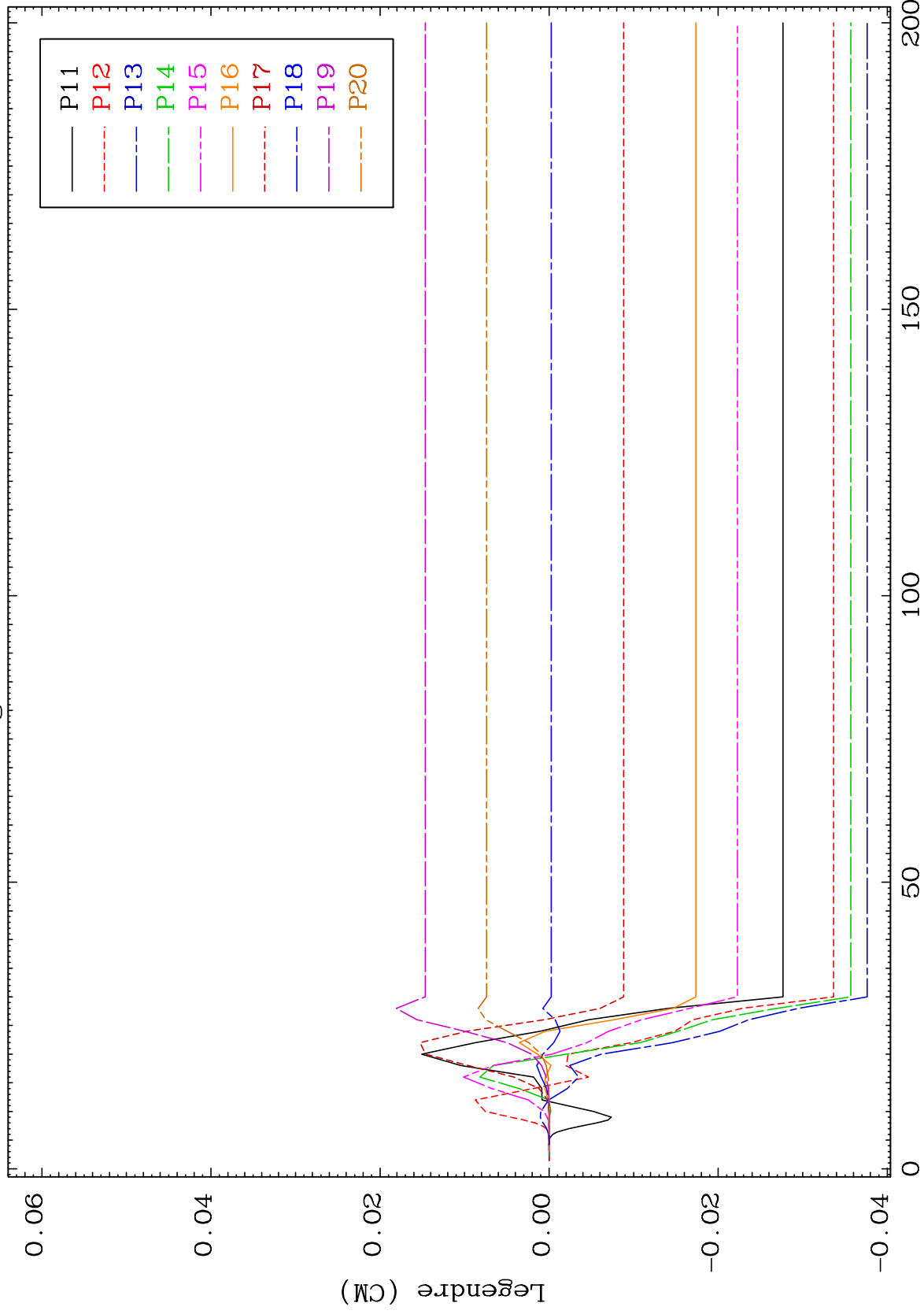
75-Re-188



MAT 7534

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

75-Re-188



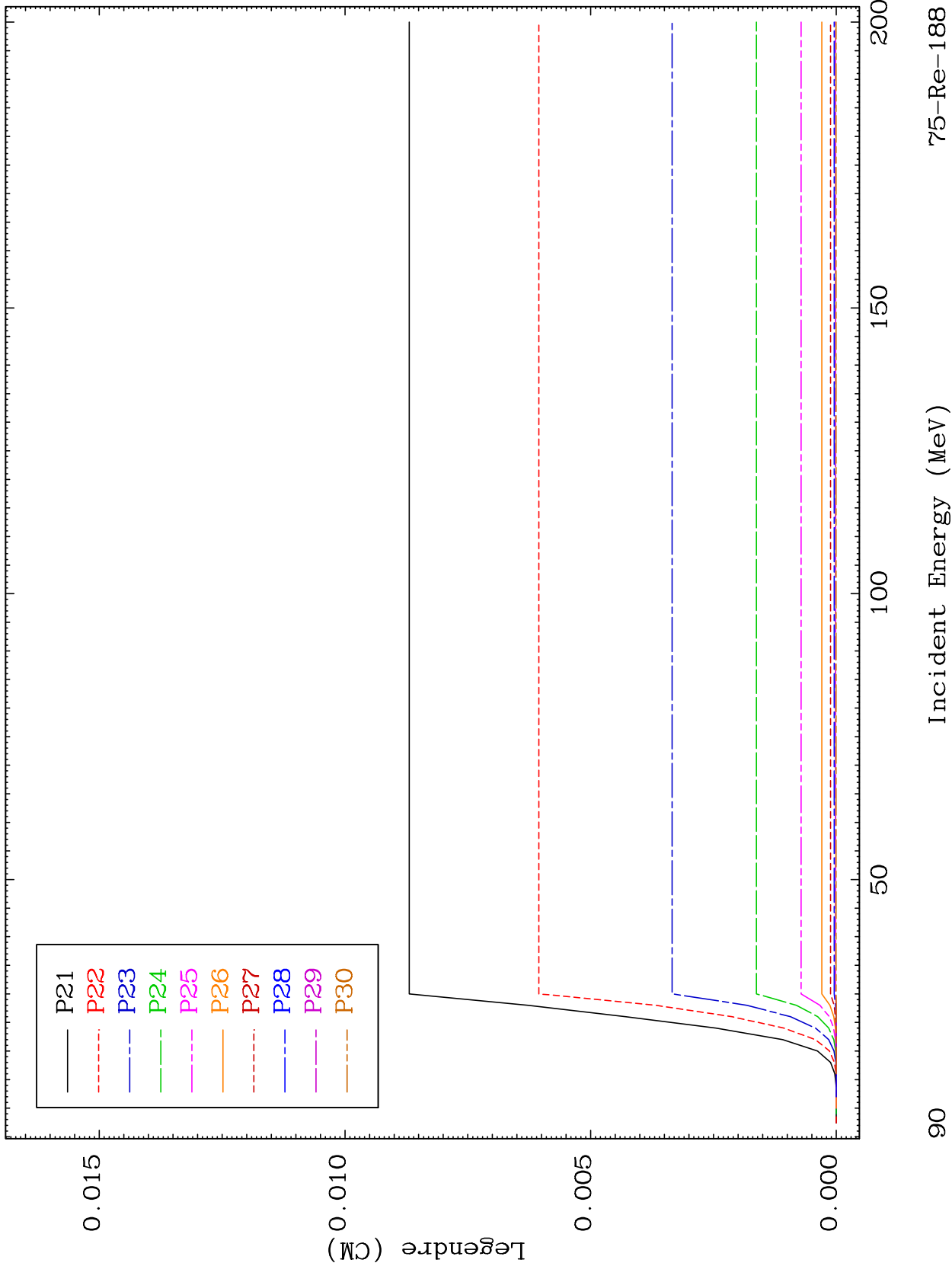
89

75-Re-188

MAT 7534

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

75-Re-188



90

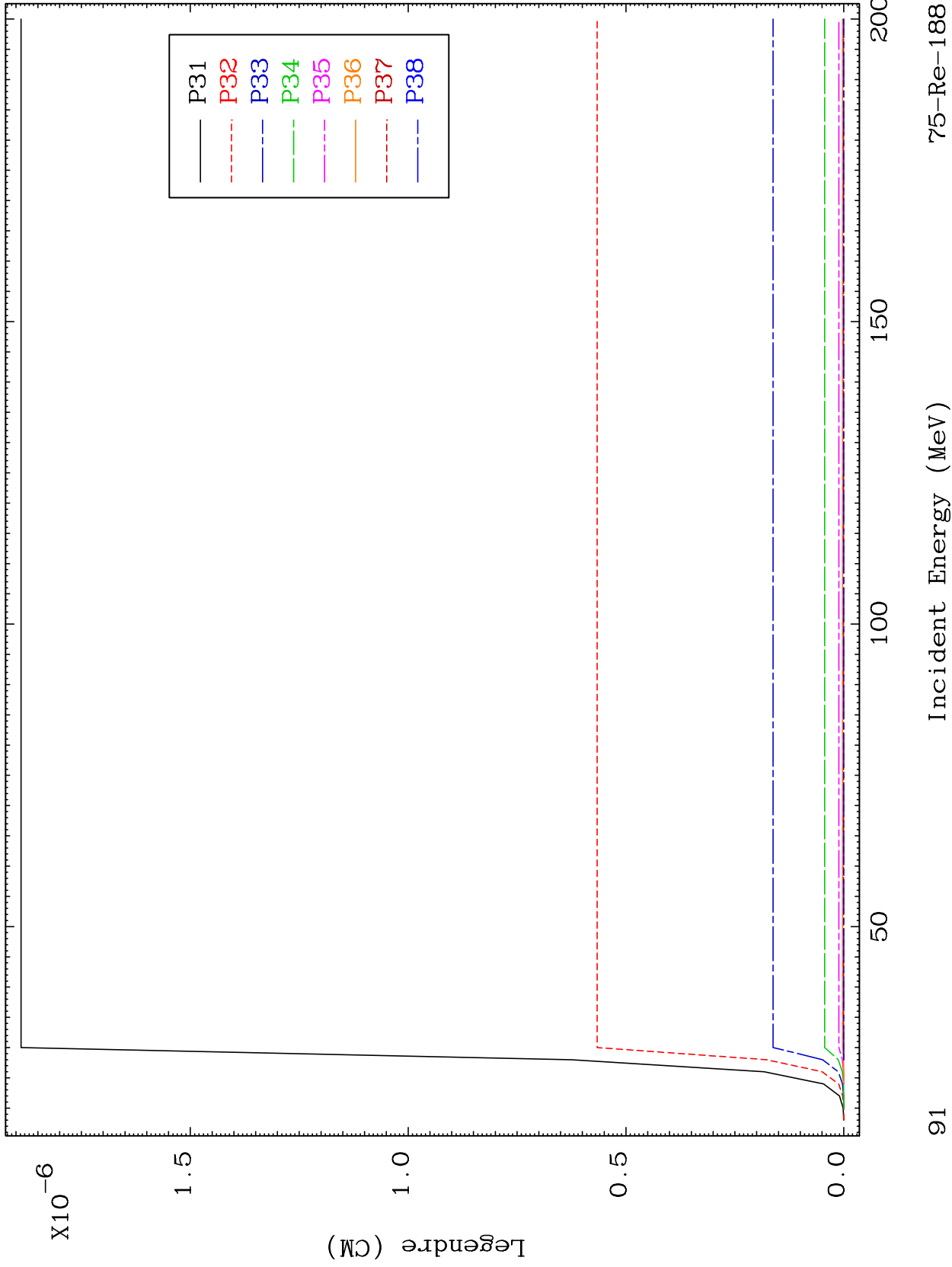
Incident Energy (MeV)

75-Re-188

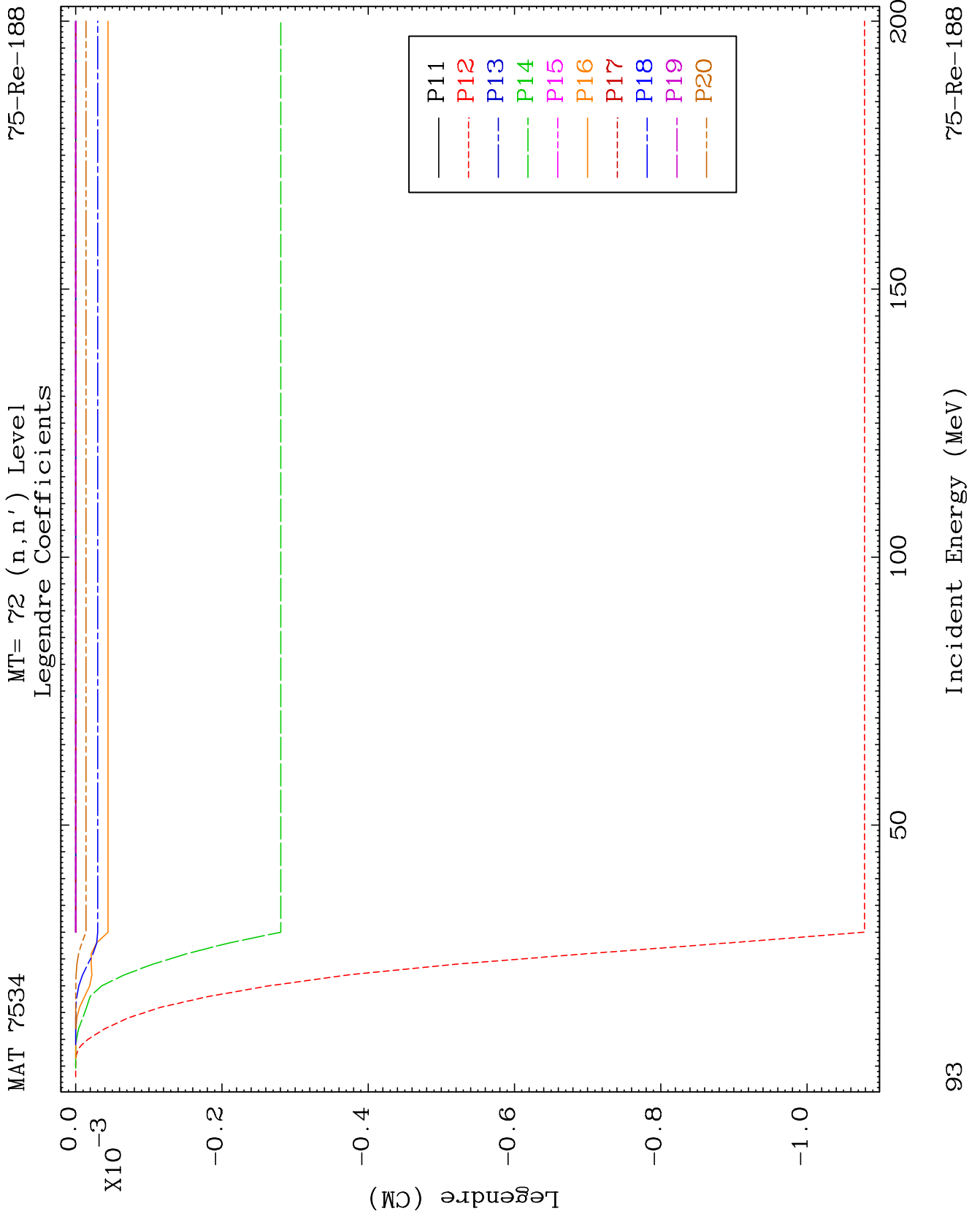
MAT 7534

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

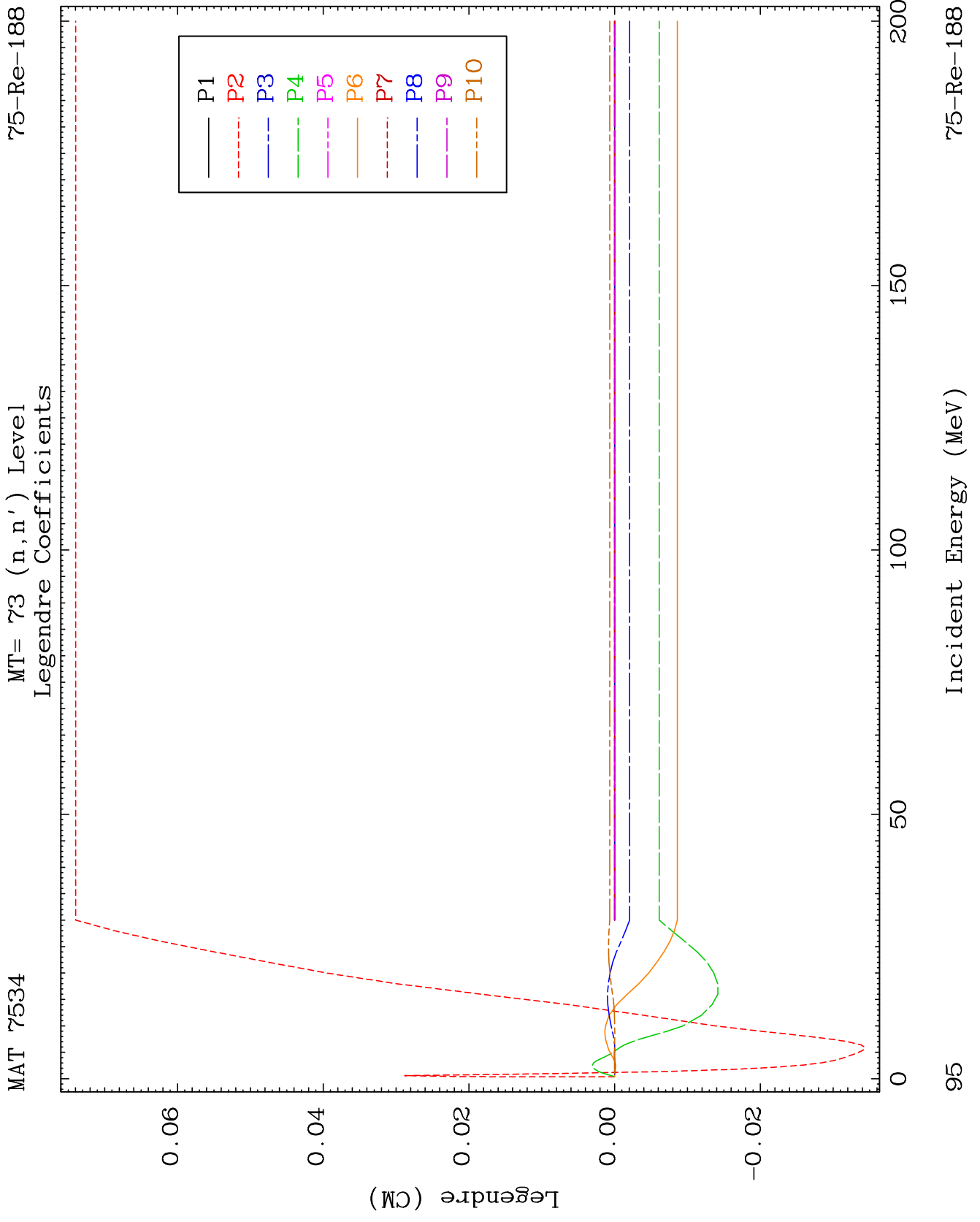
75-Re-188









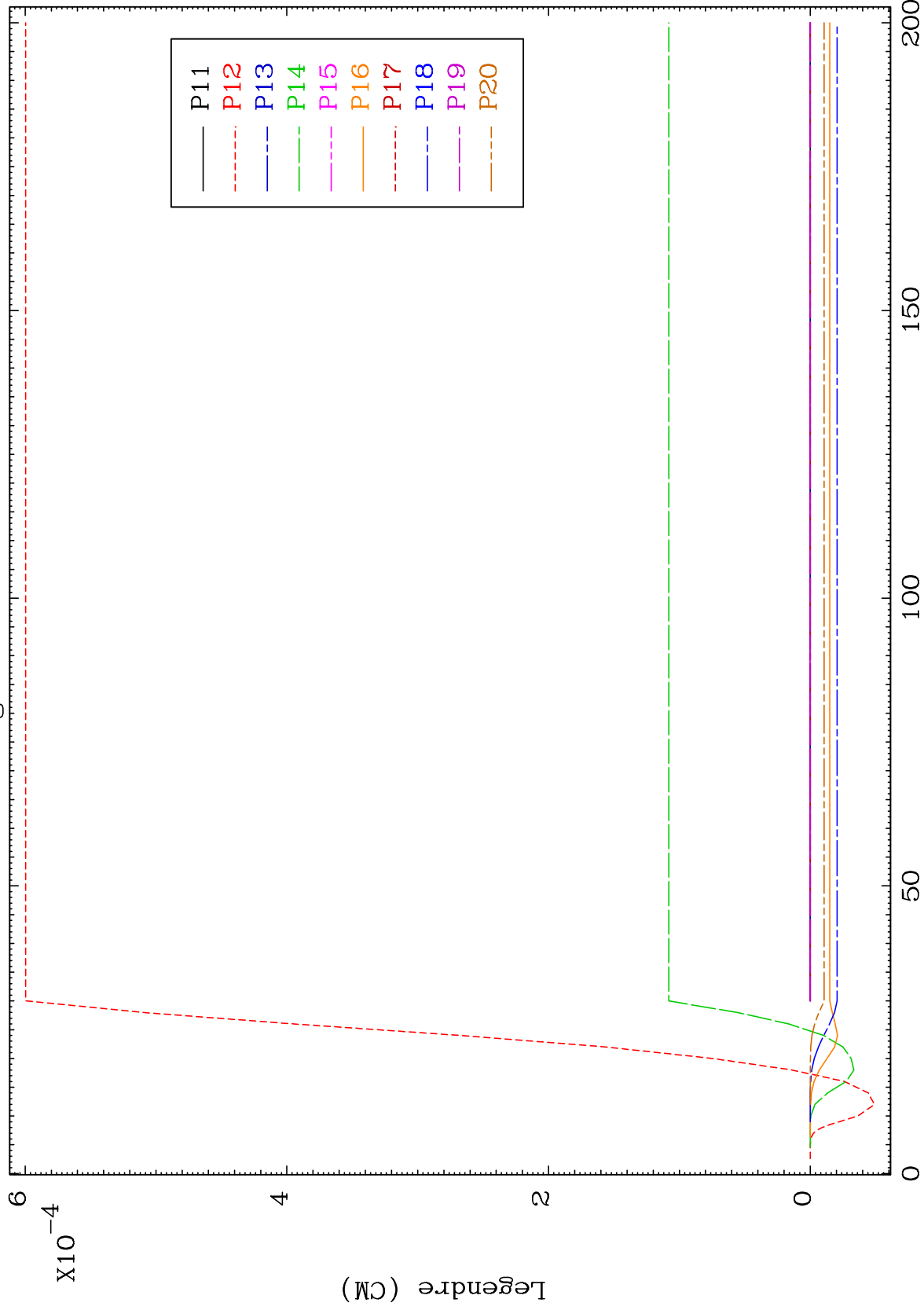




MAT 7534

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

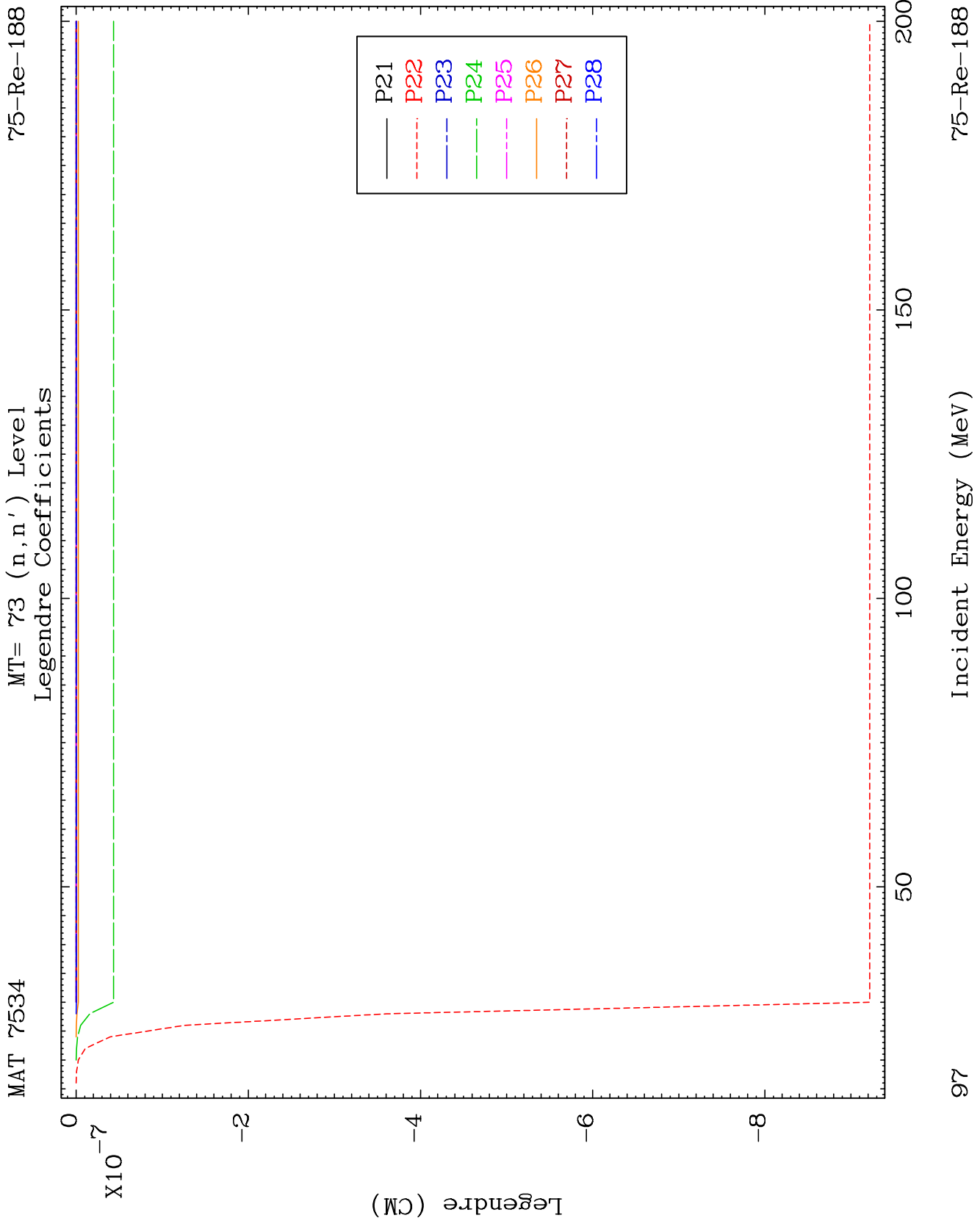
75-Re-188



96

Incident Energy (MeV)

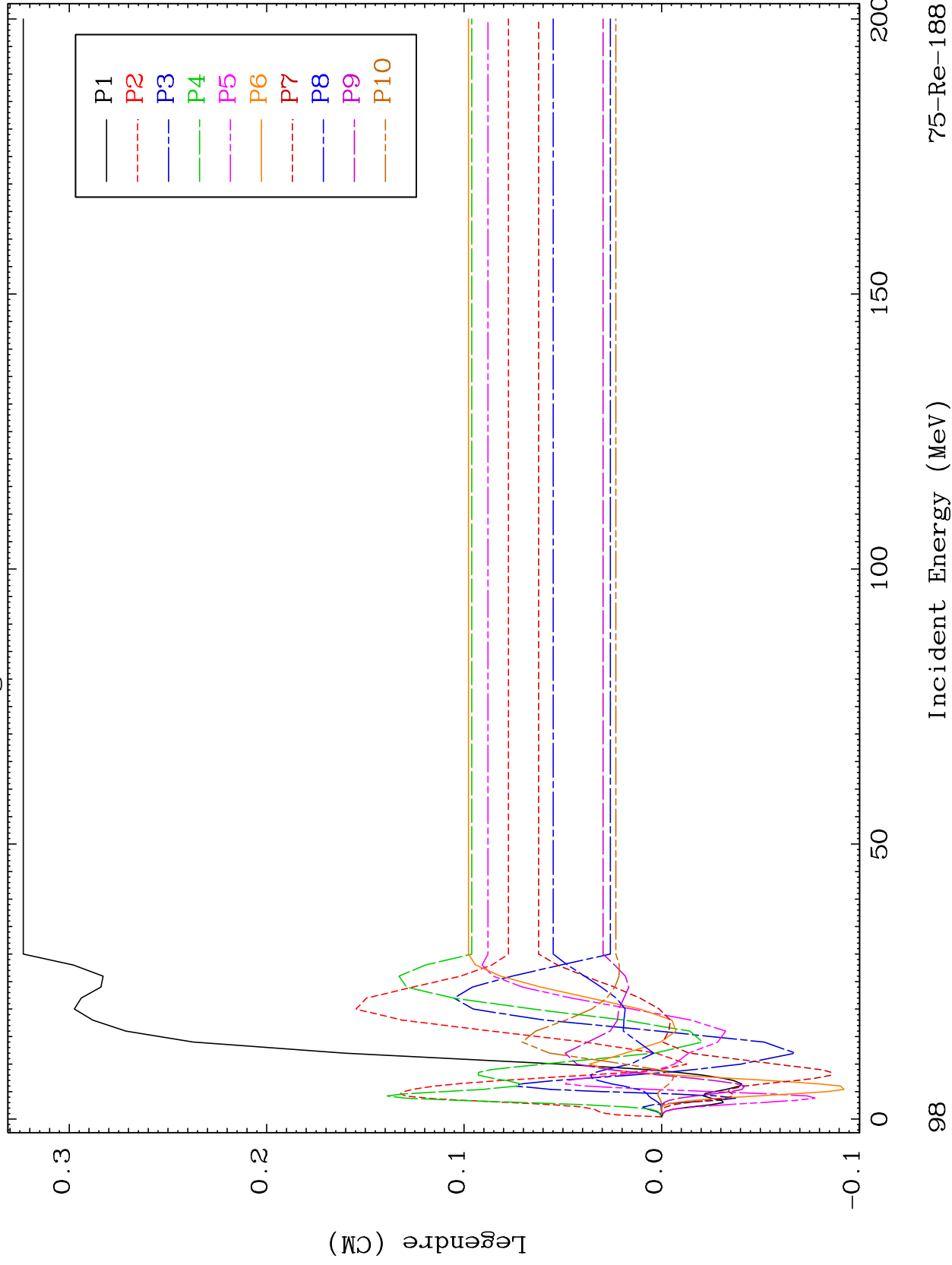
75-Re-188



MAT 7534

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

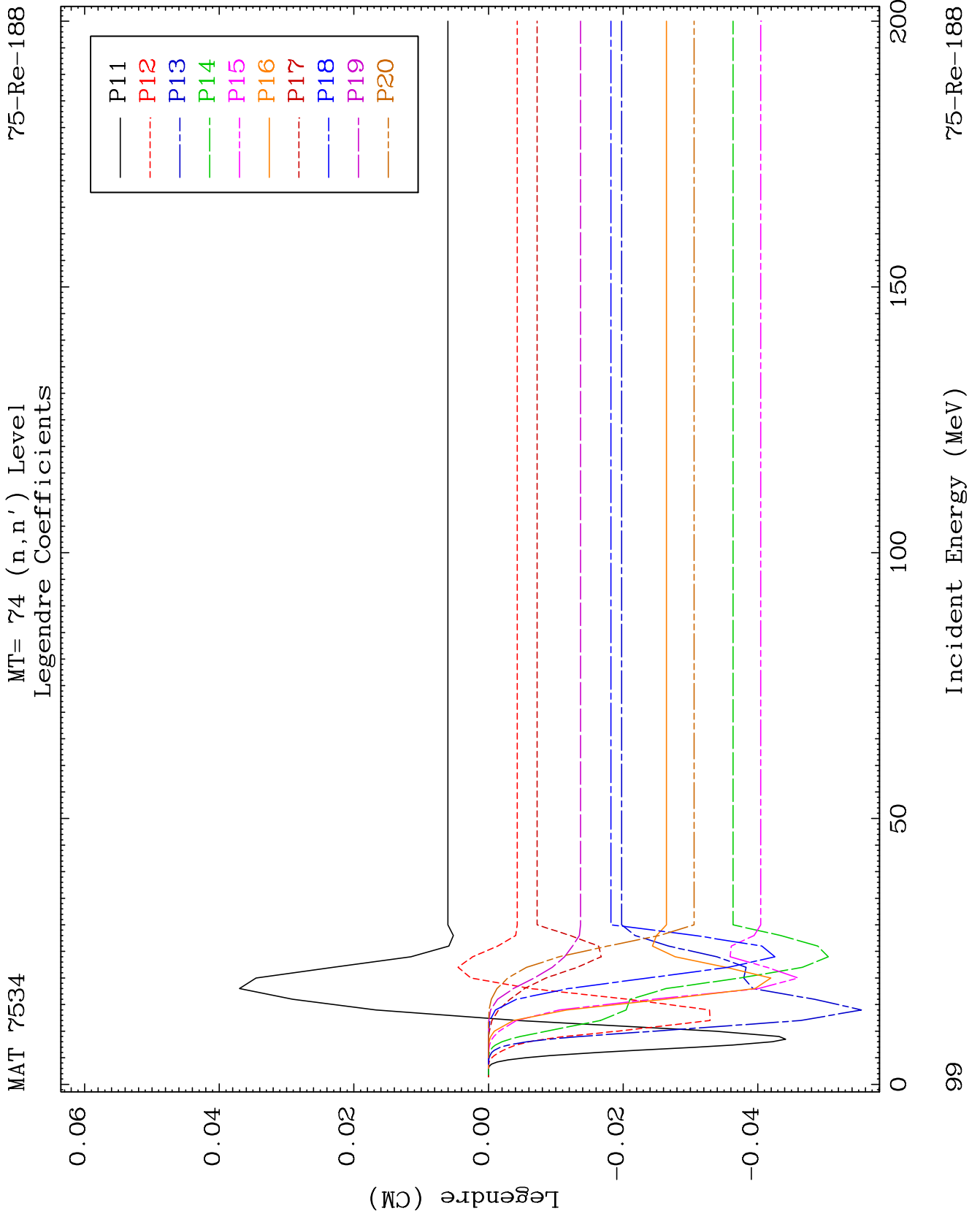
75-Re-188

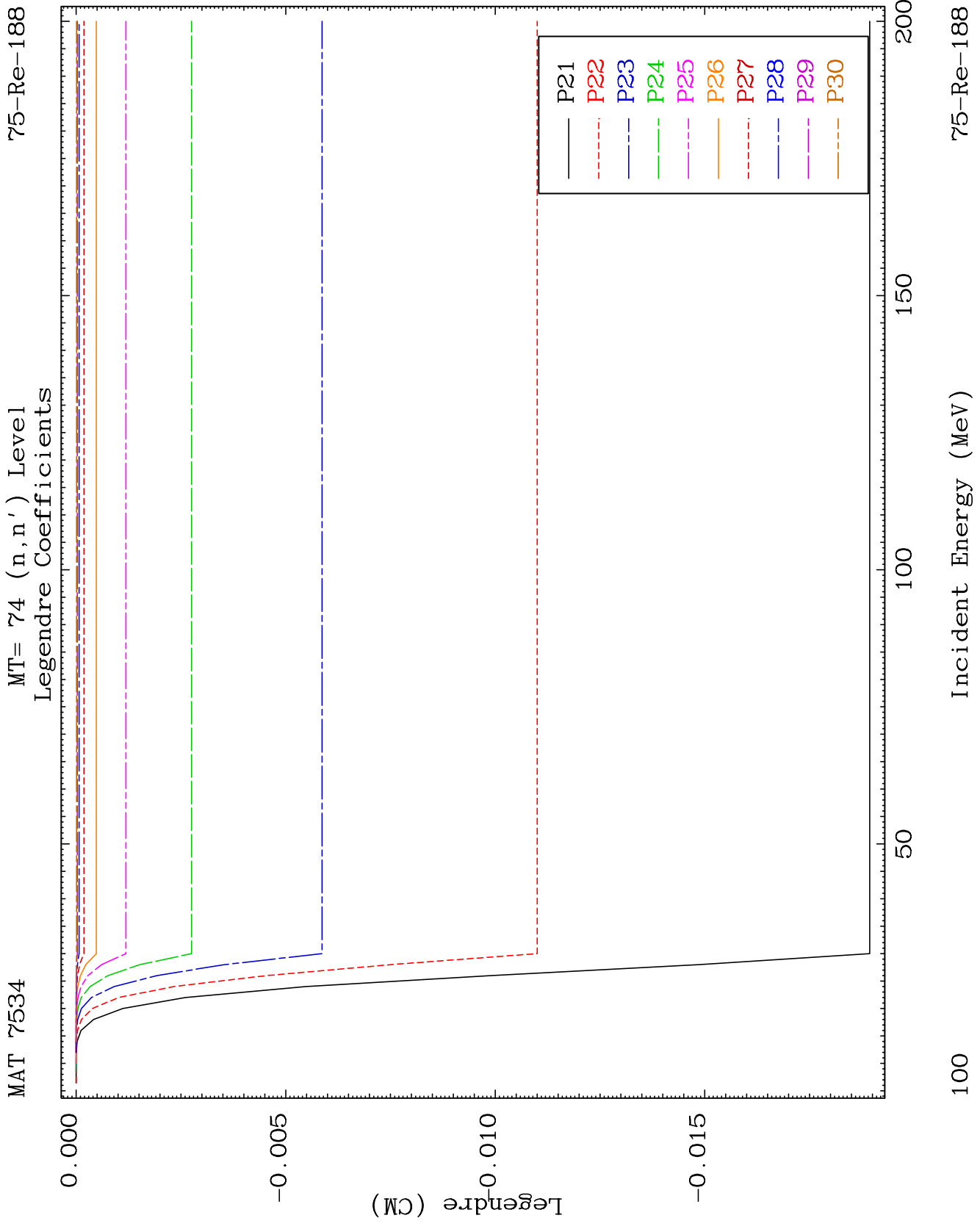


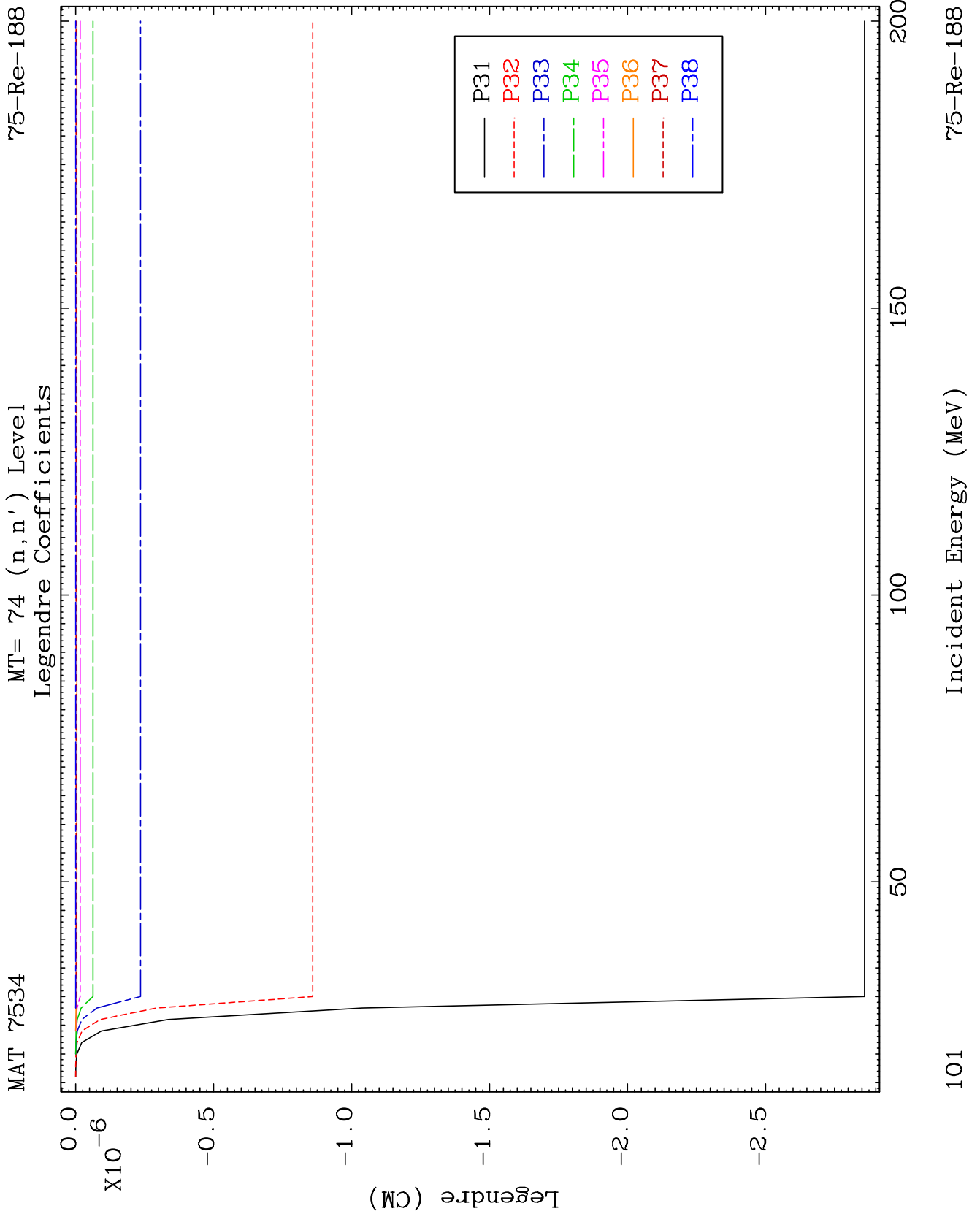
75-Re-188

Incident Energy (MeV)

98





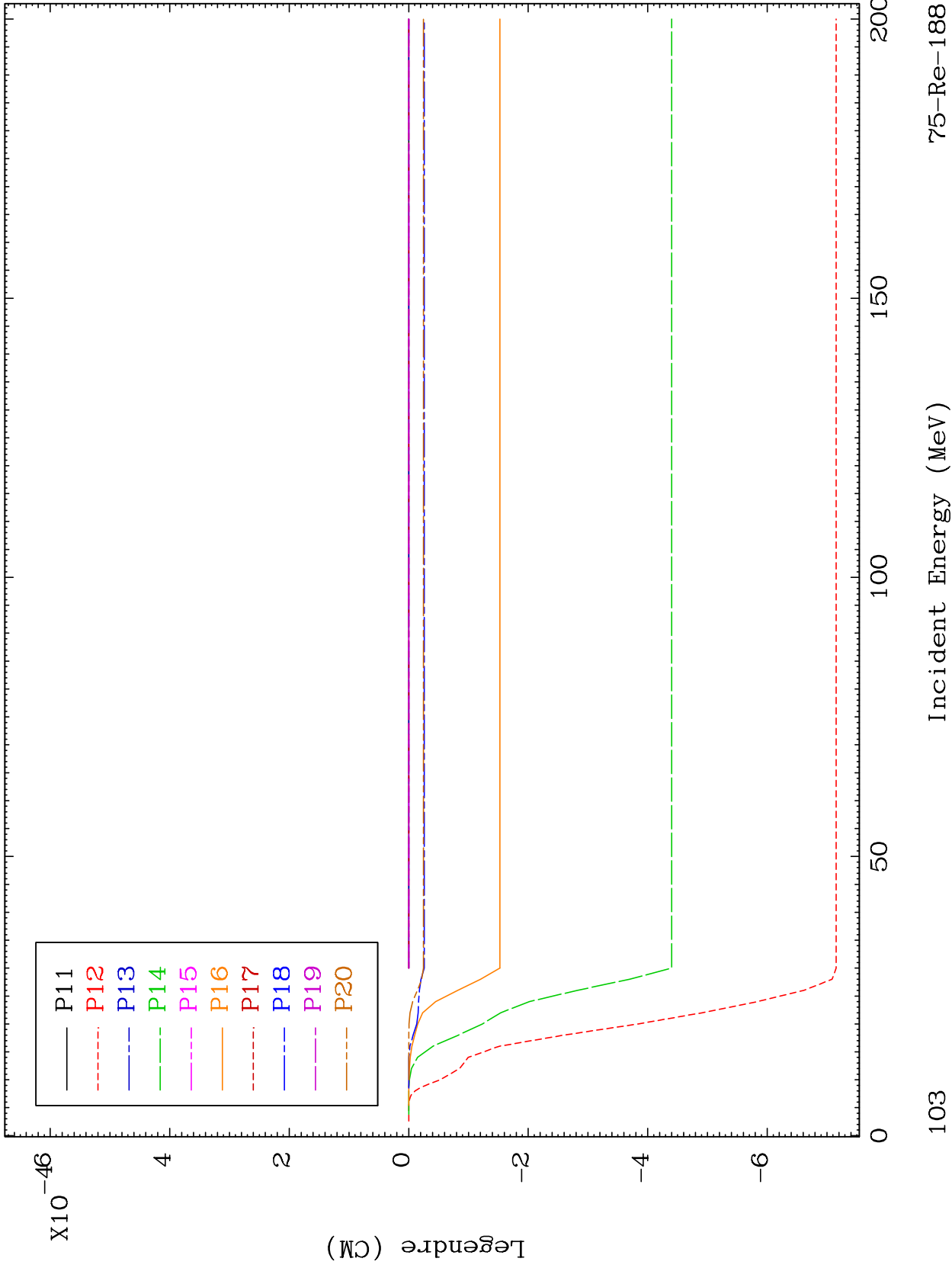




MAT 7534

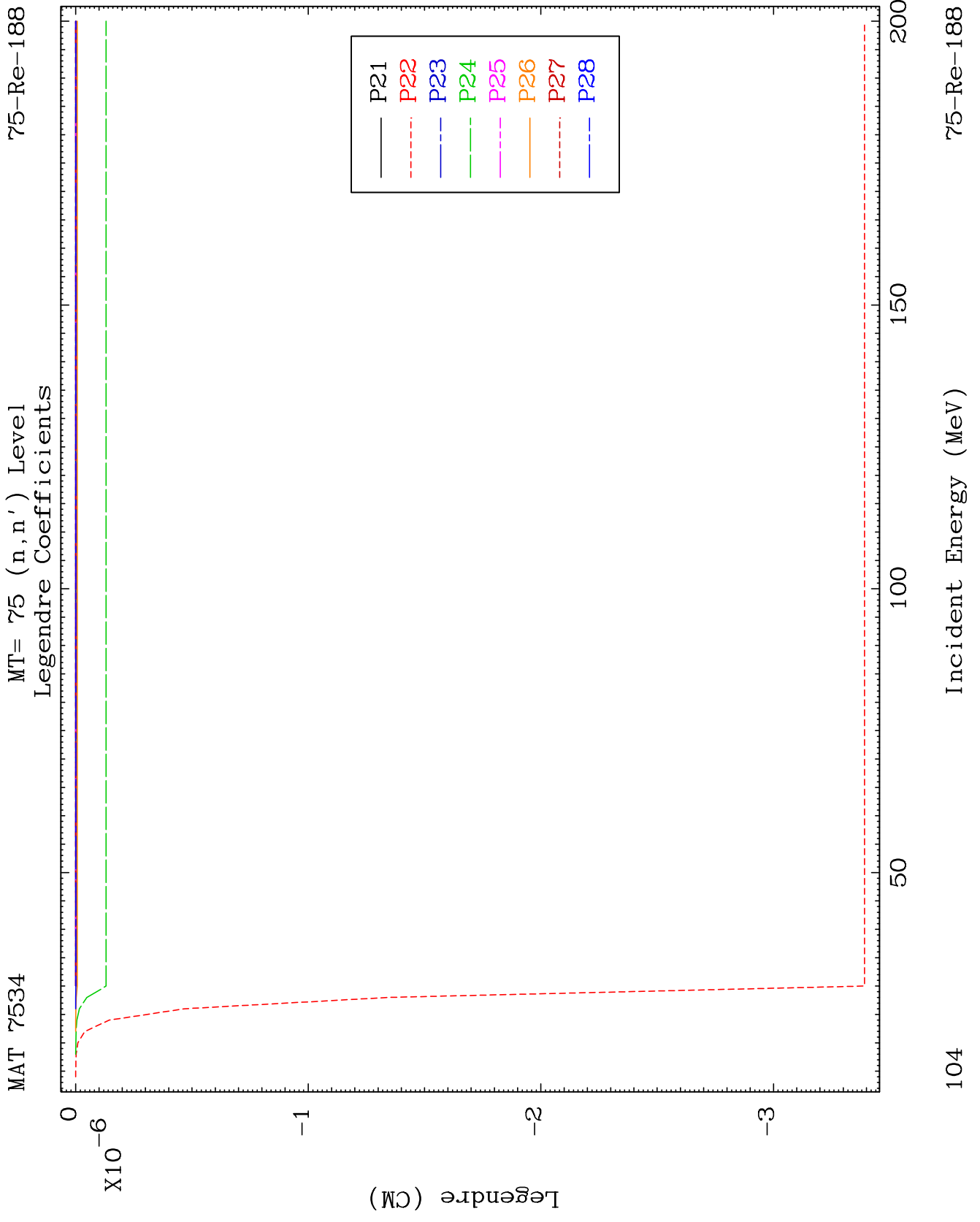
MT= 75 (n,n') Level  
Legendre Coefficients

75-Re-188

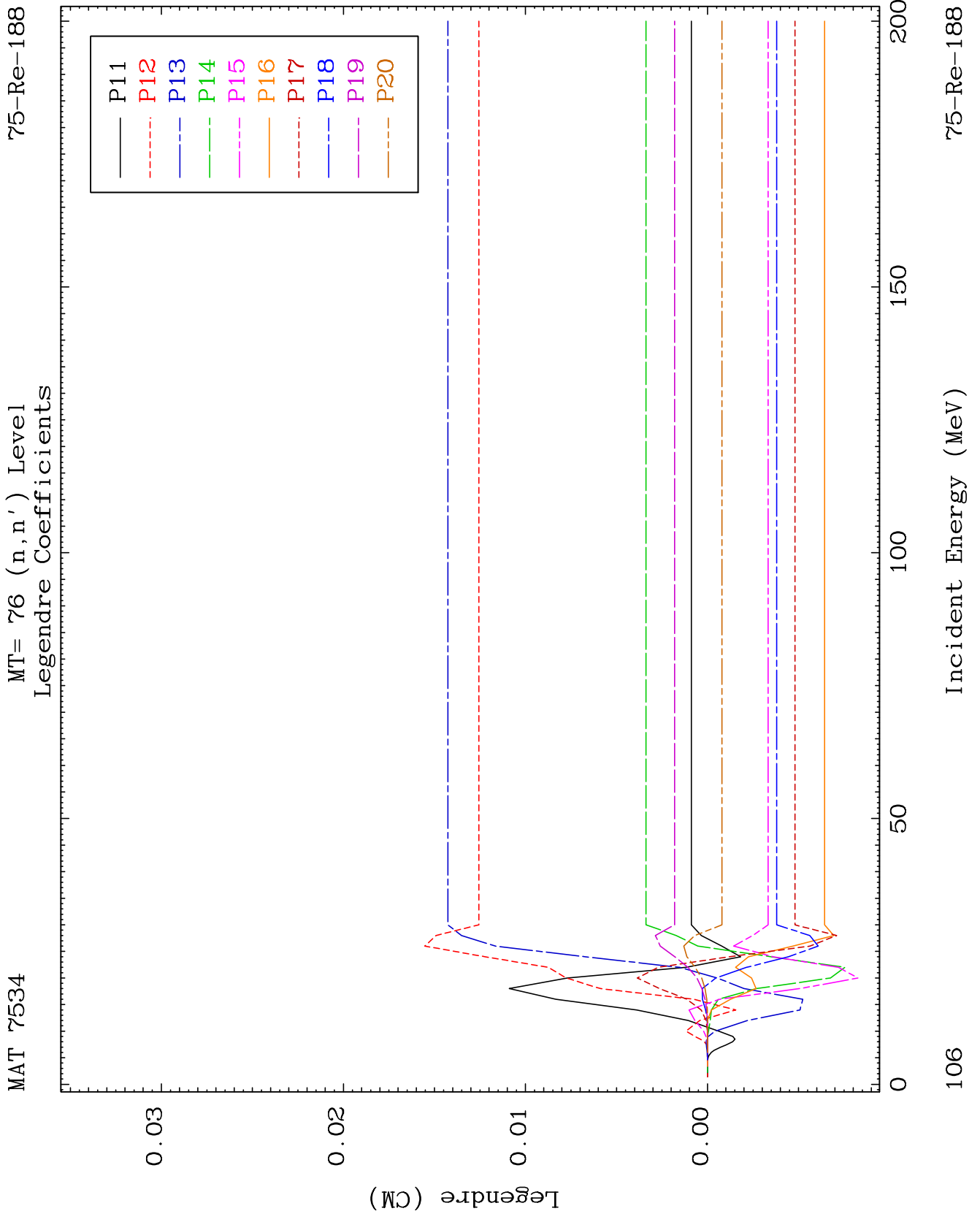


103





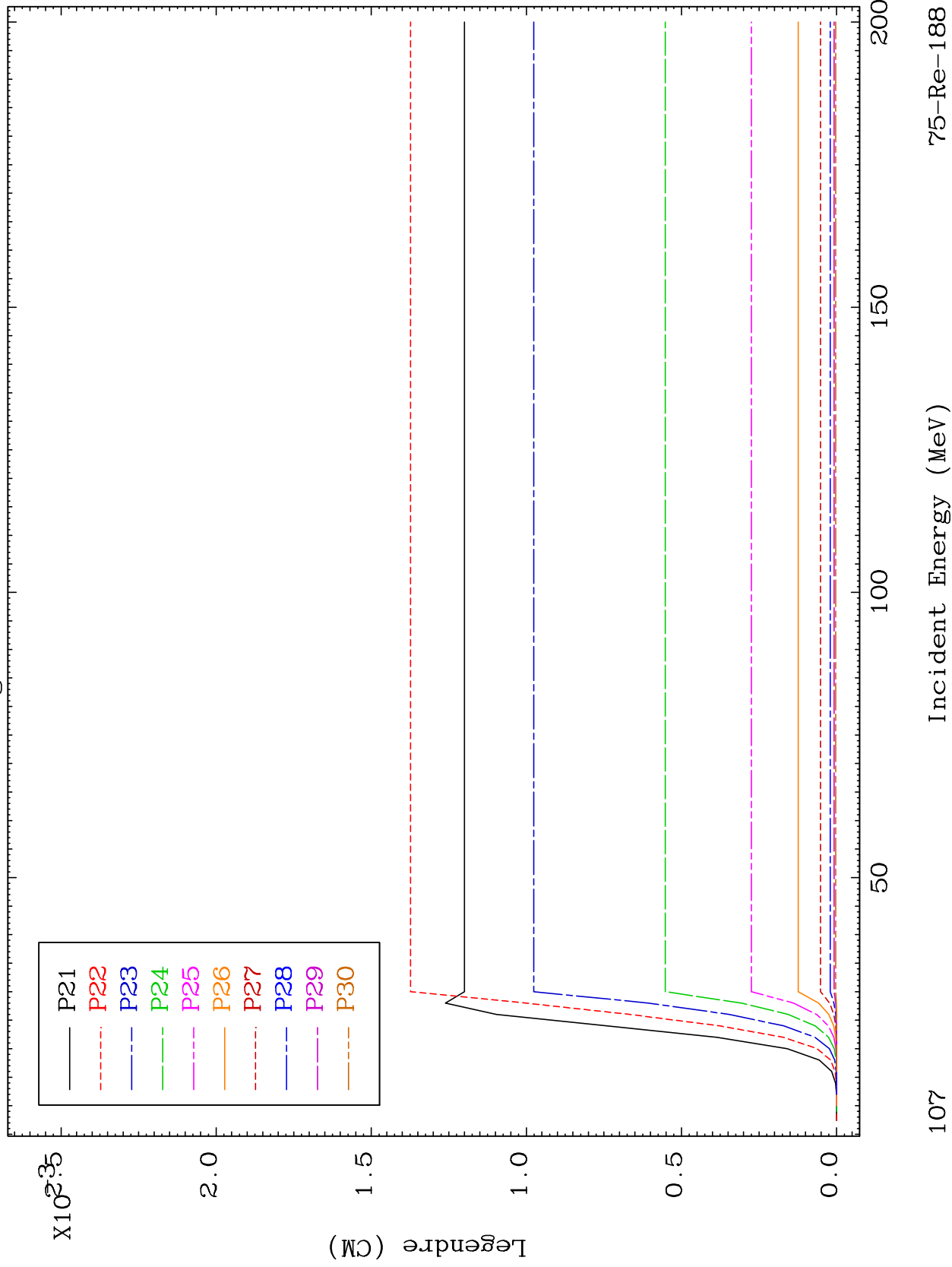




MAT 7534

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

75-Re-188



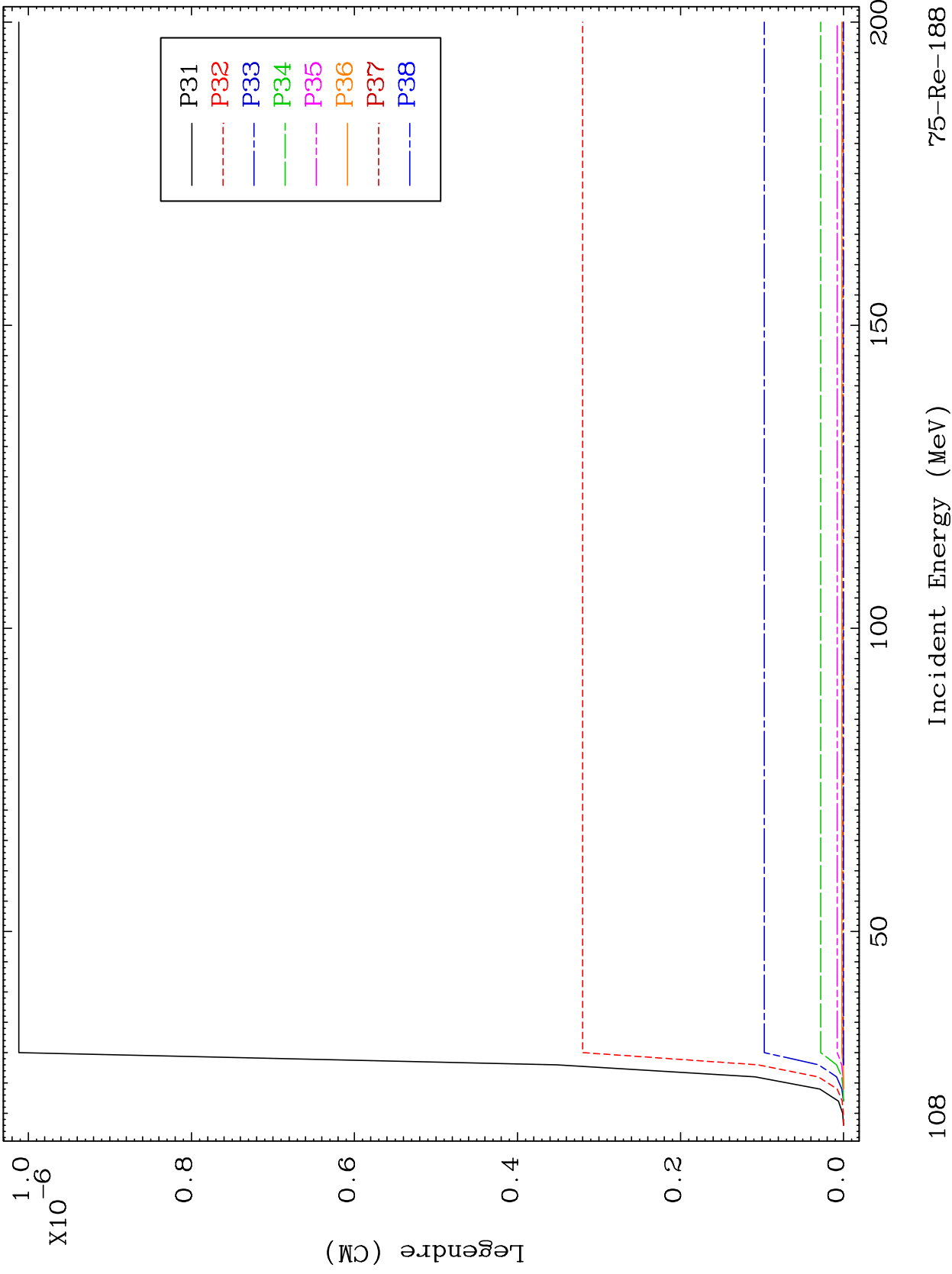
107

75-Re-188

MAT 7534

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

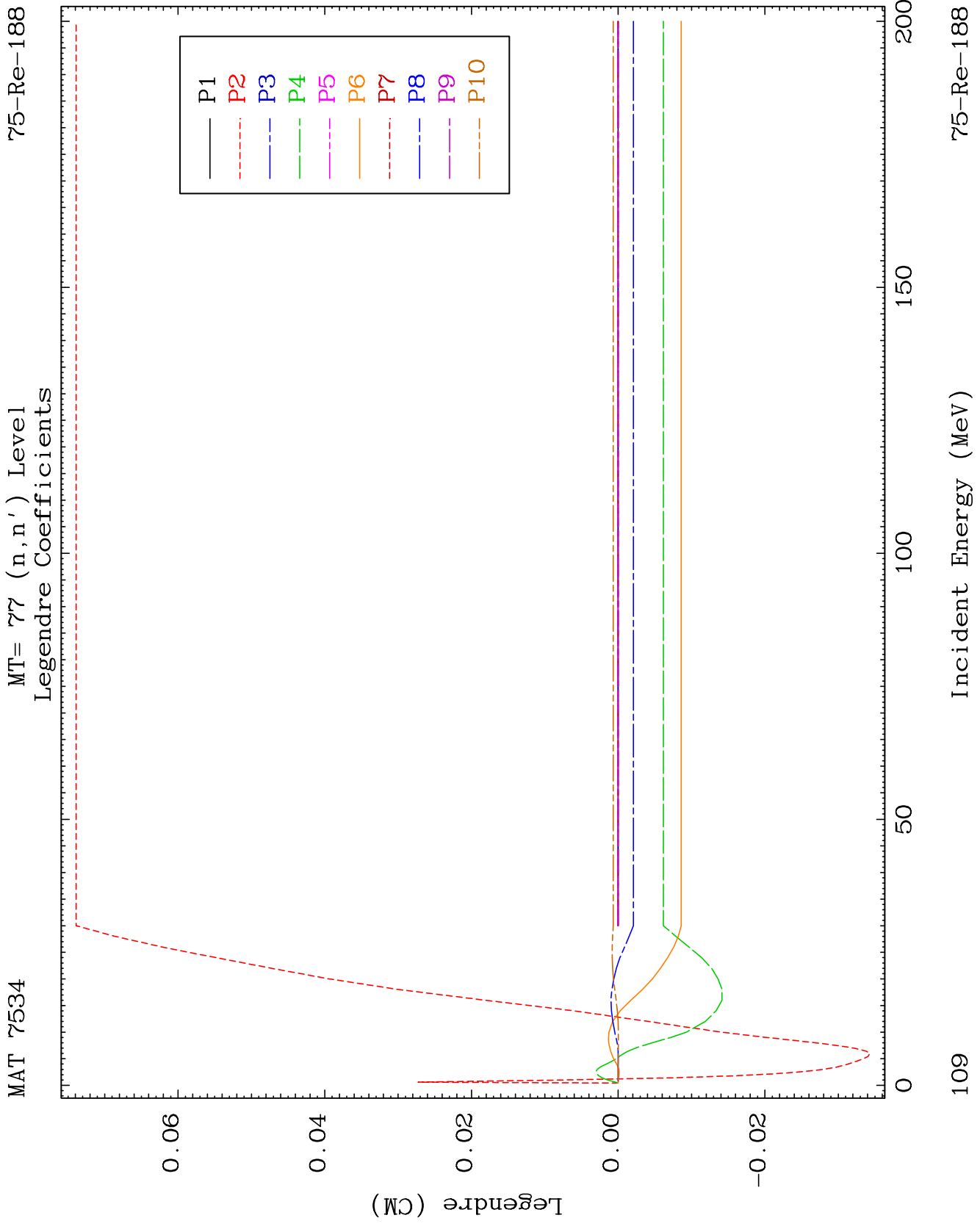
75-Re-188



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Incident Energy (MeV)

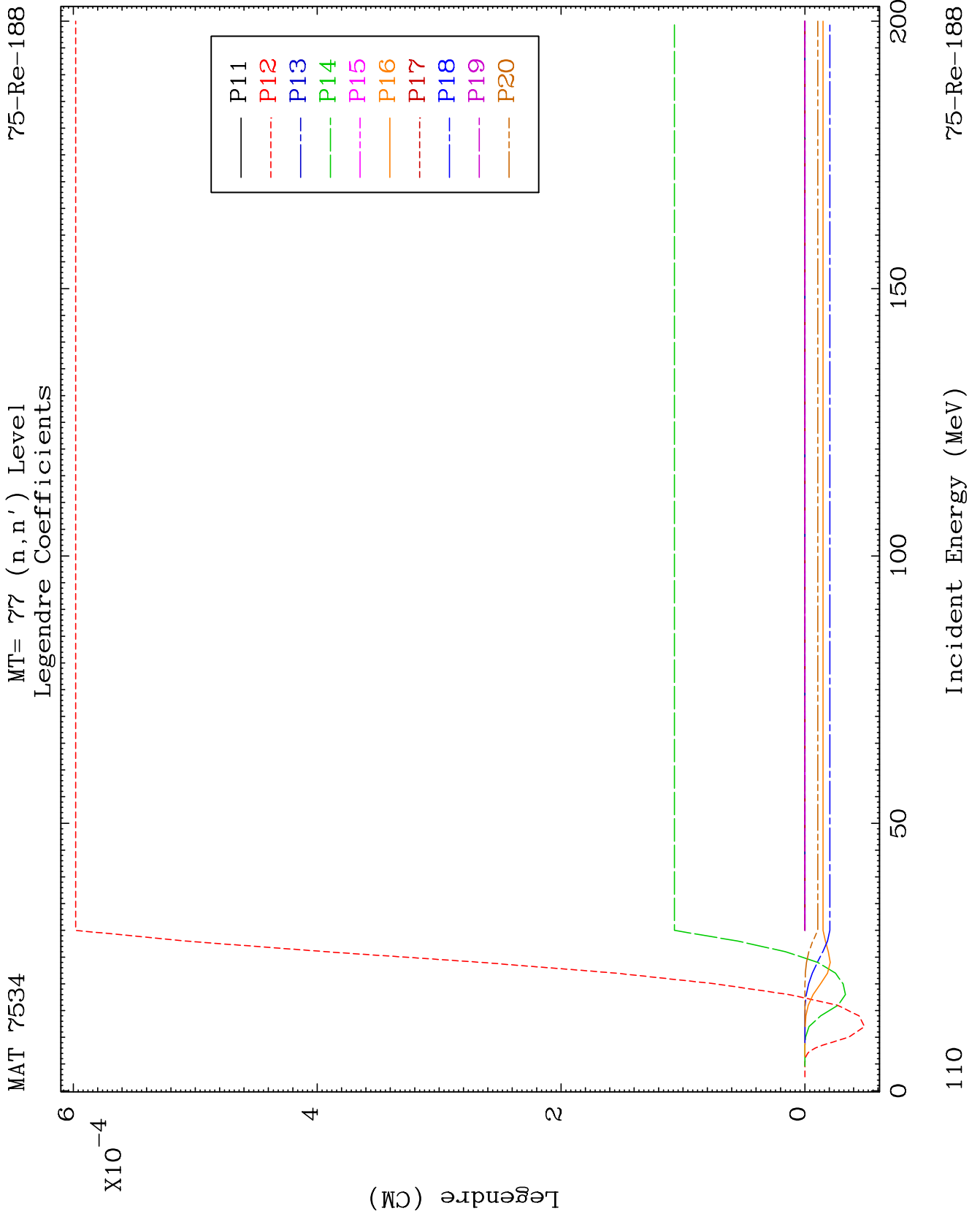
75-Re-188

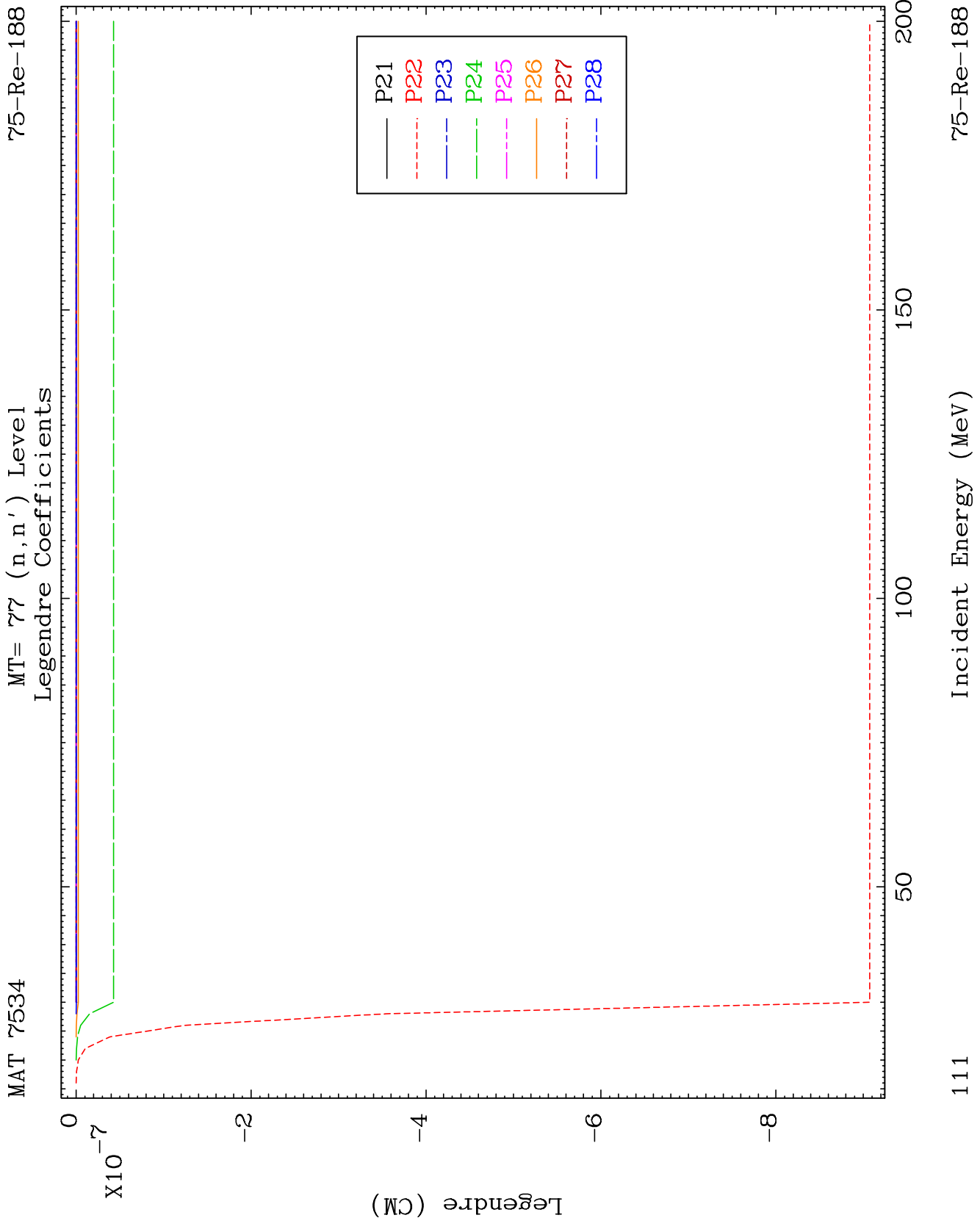


75-Re-188

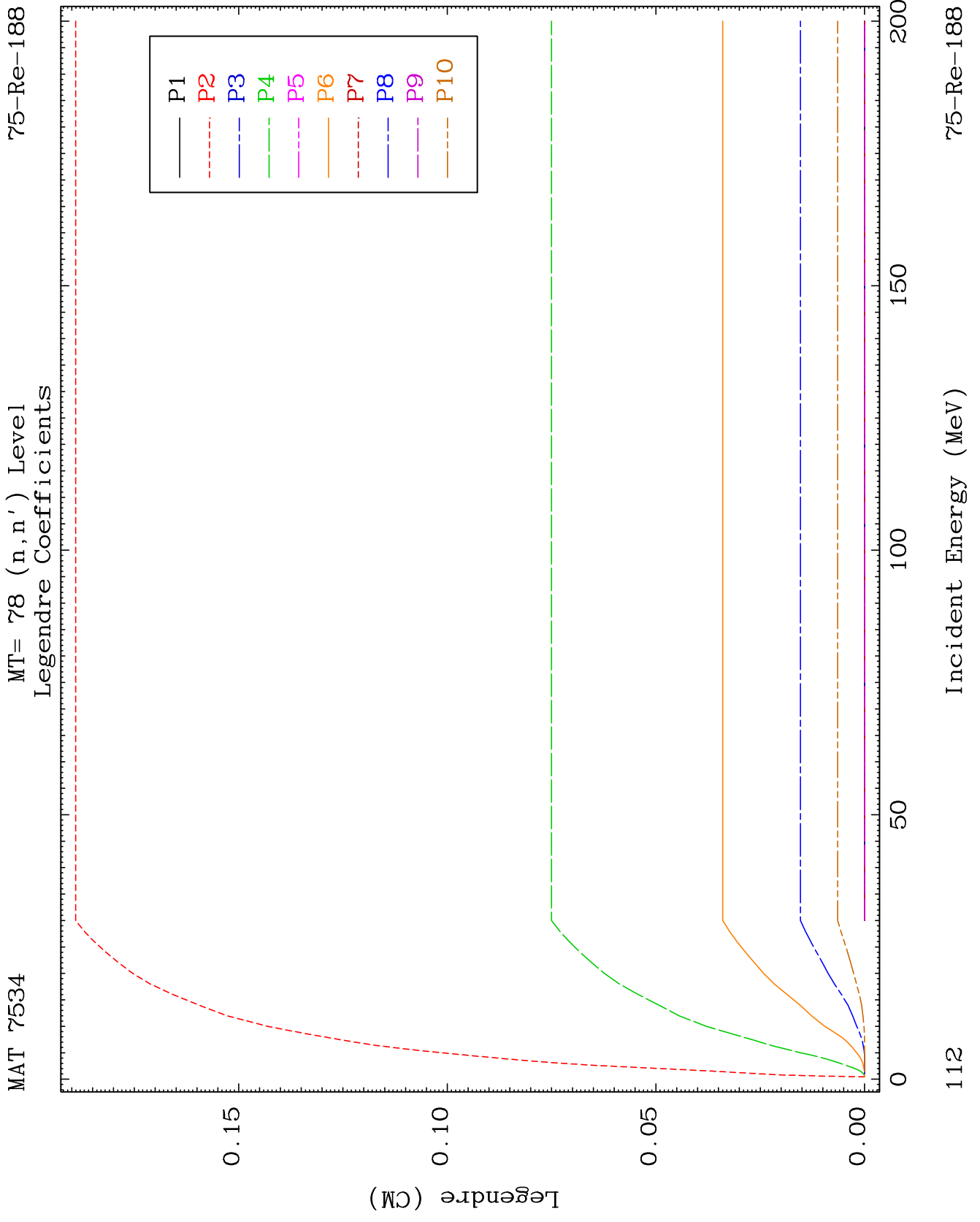
Incident Energy (MeV)

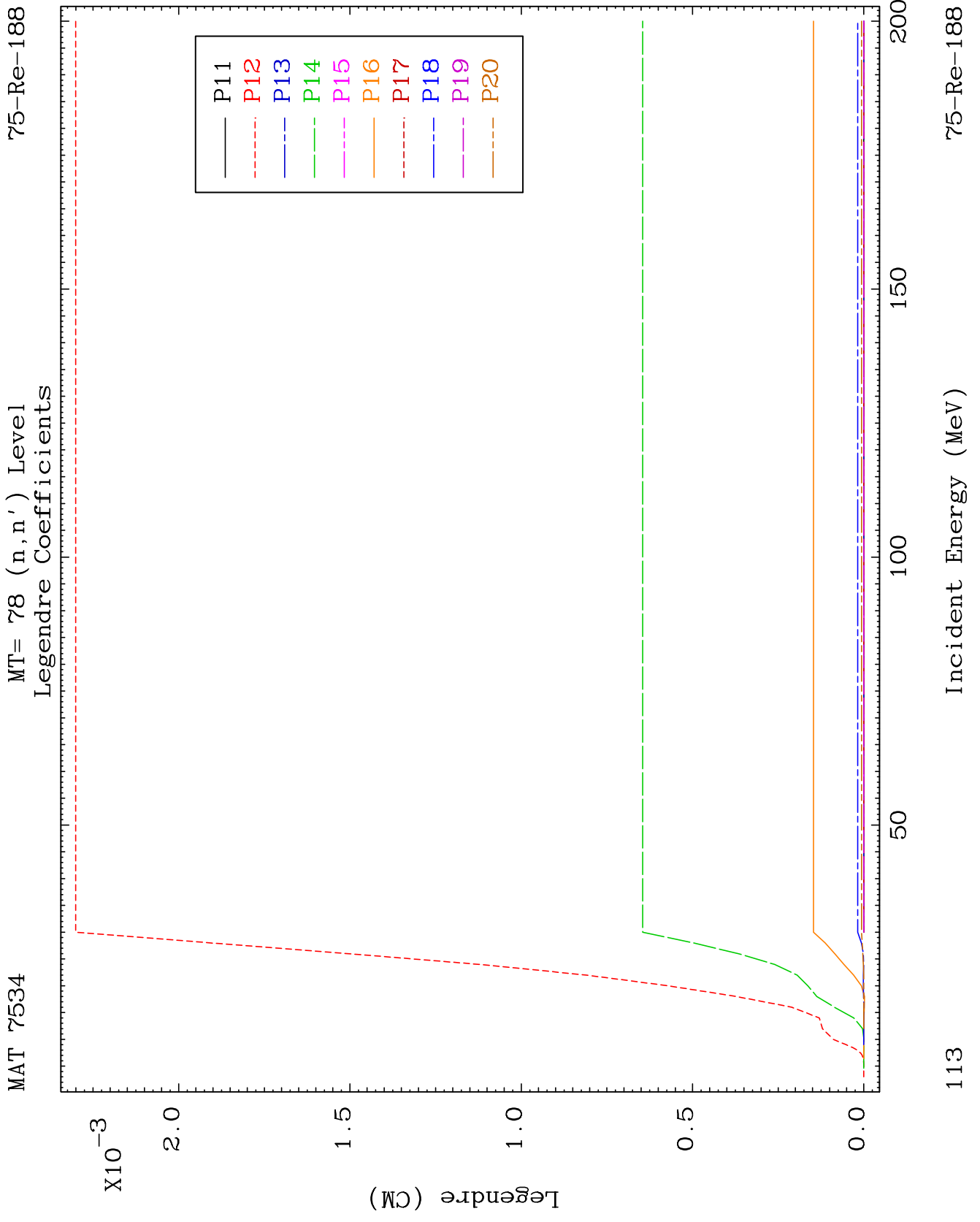
109

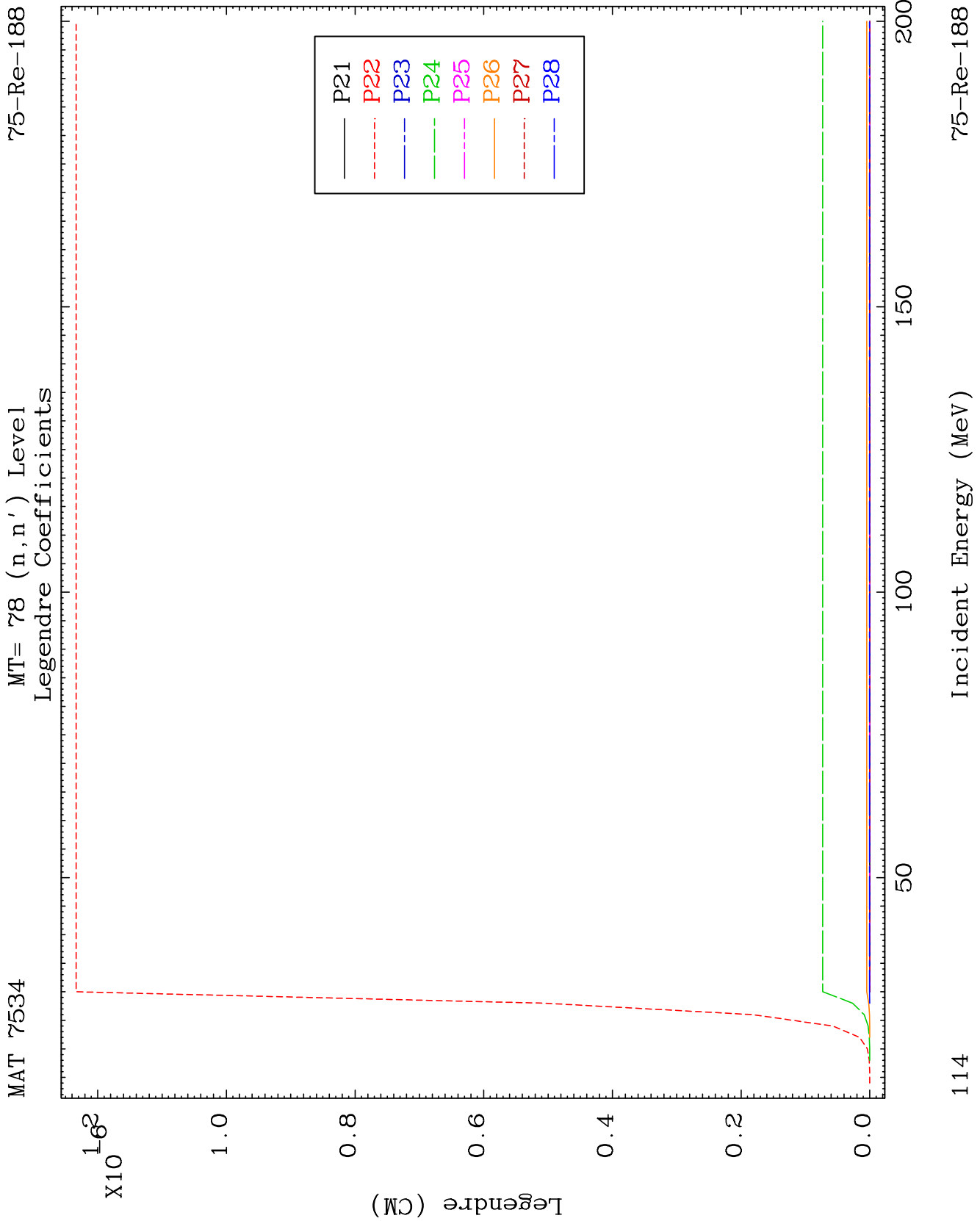








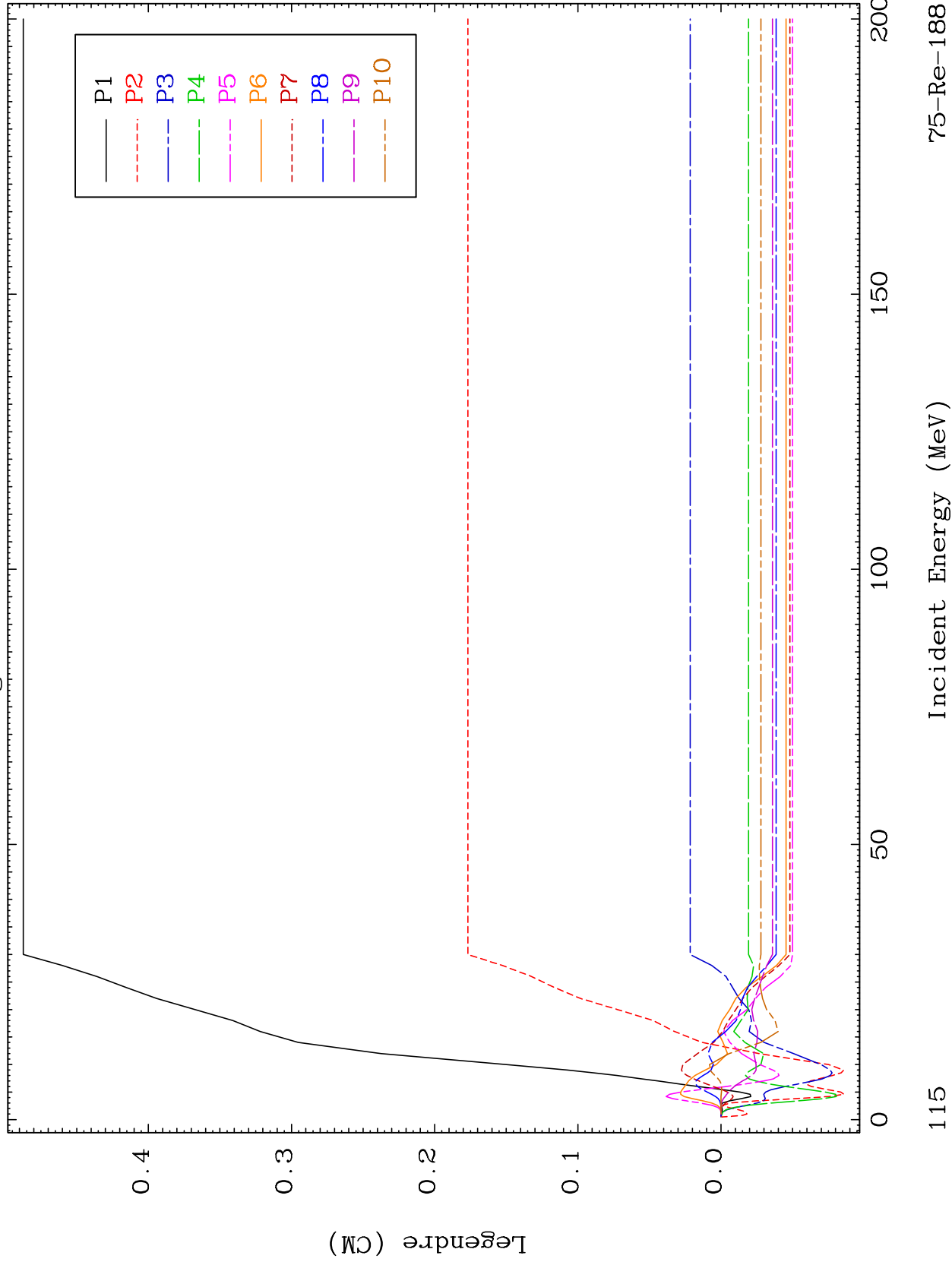




MAT 7534

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

75-Re-188



75-Re-188

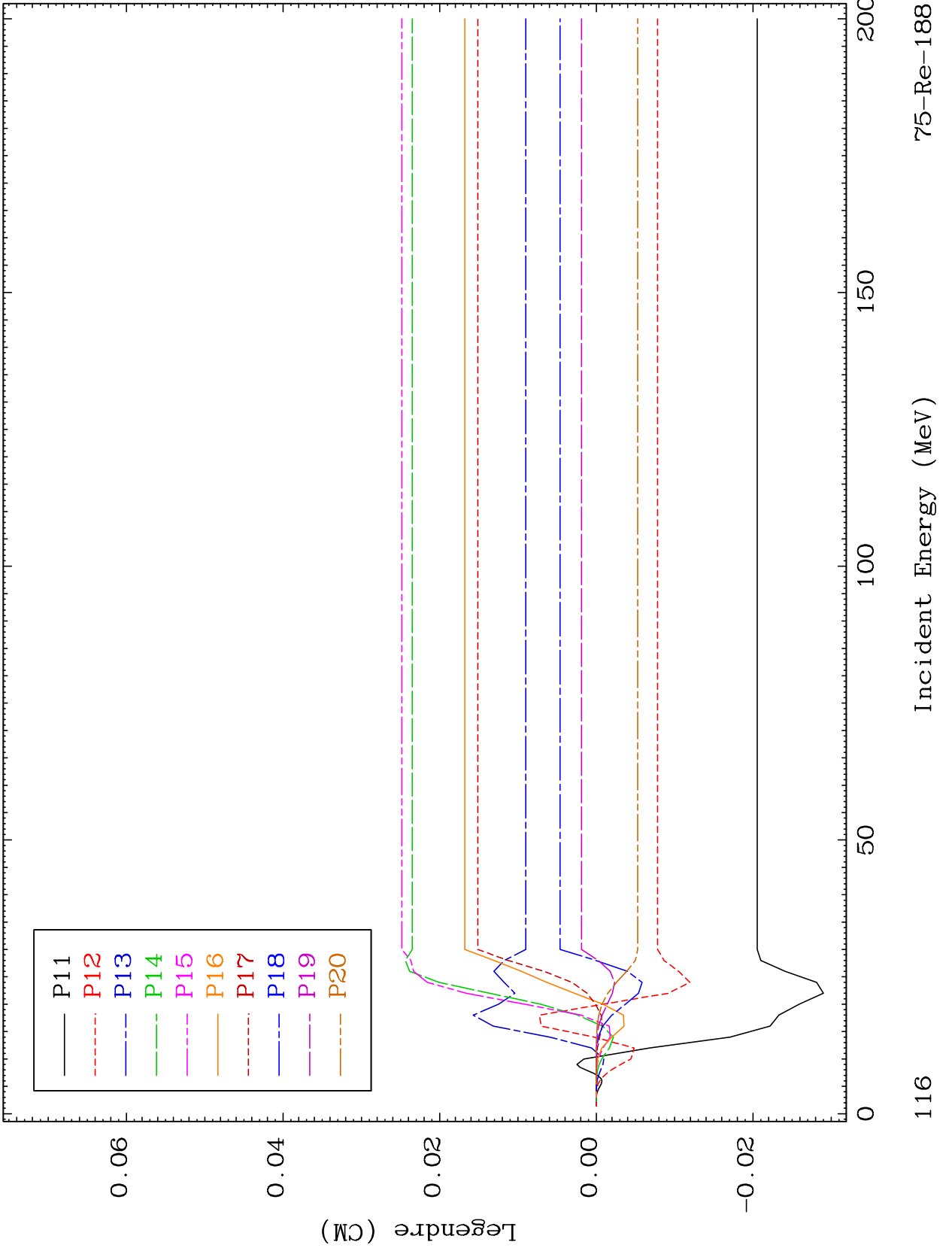
Incident Energy (MeV)

115

MAT 7534

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

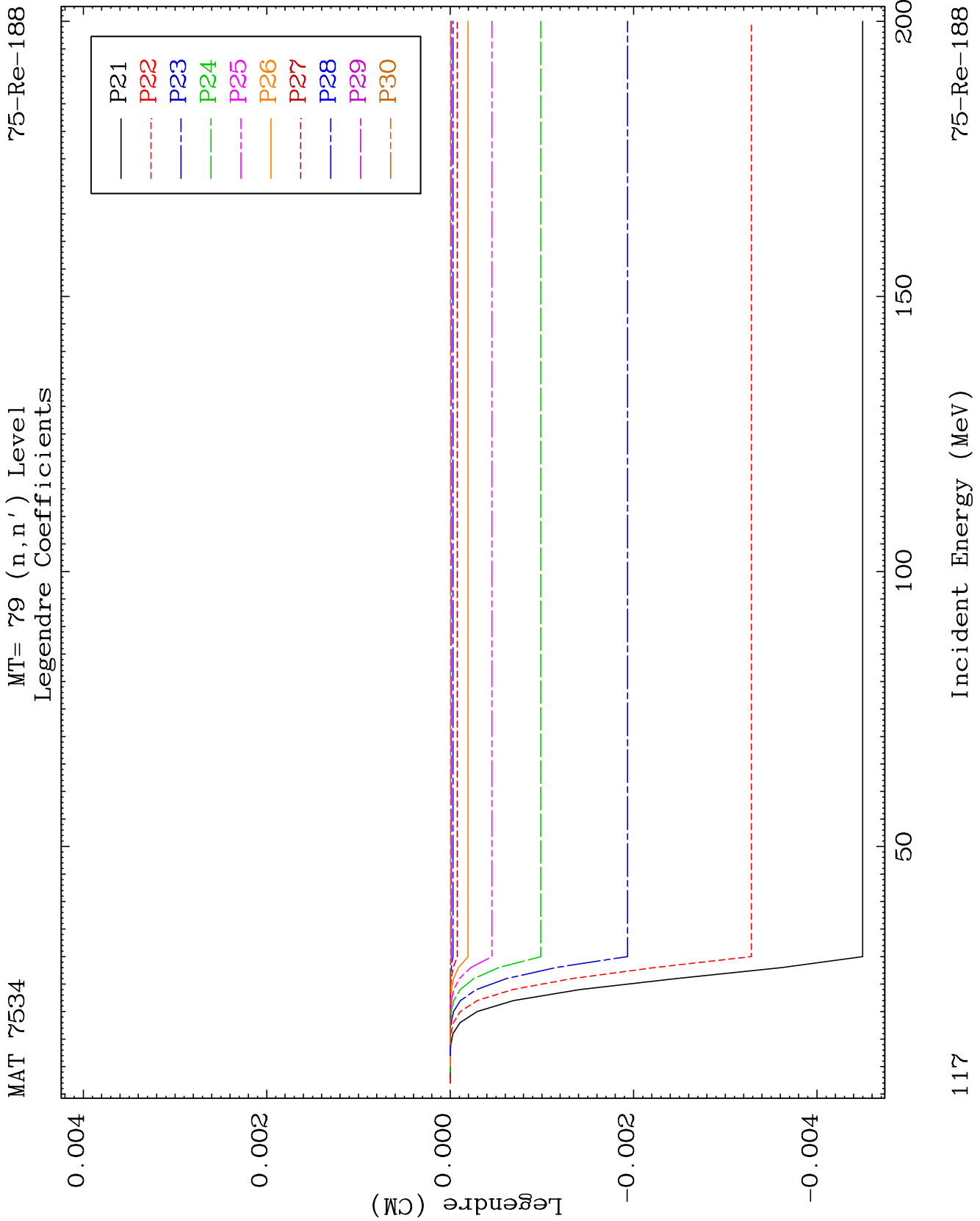
75-Re-188

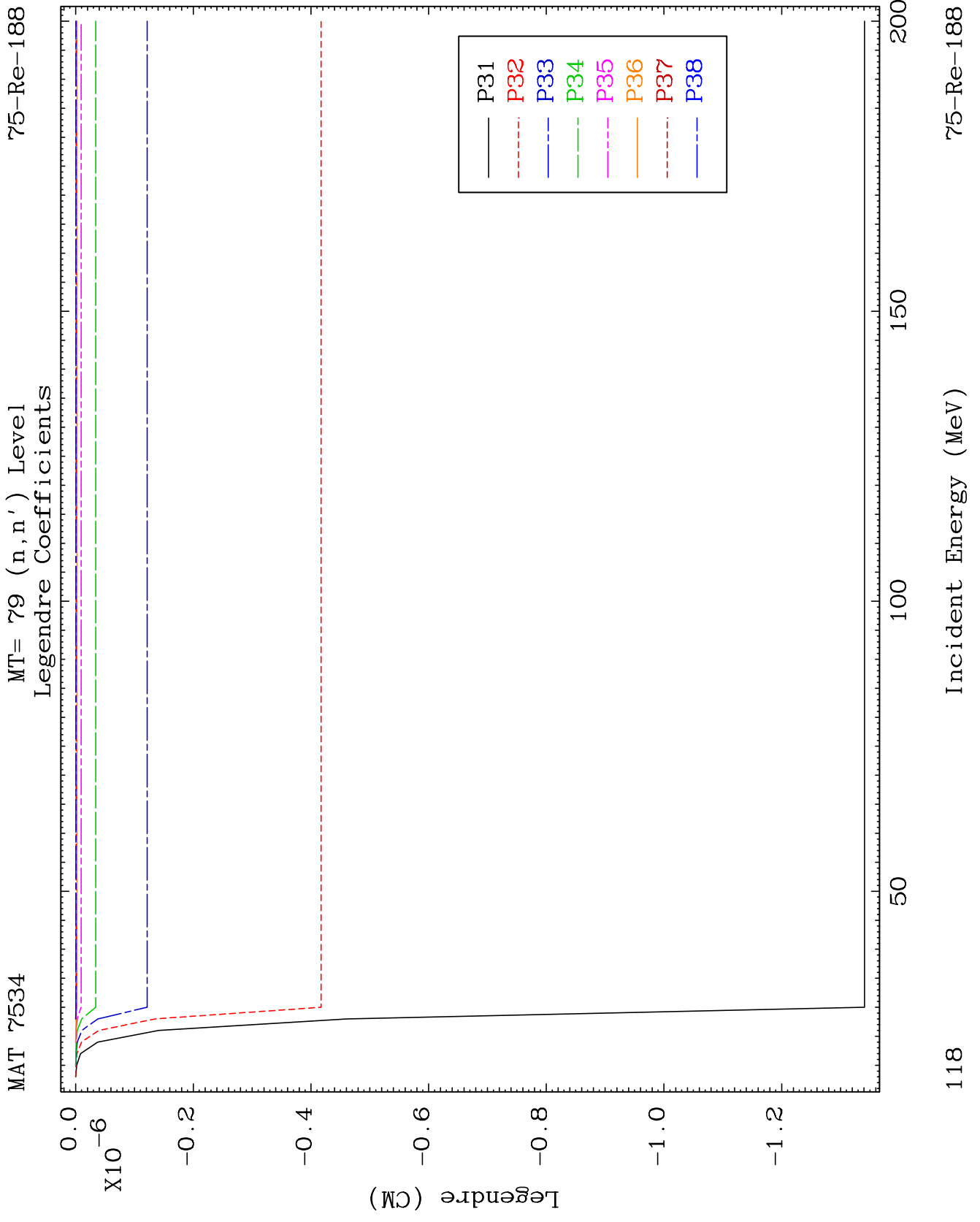


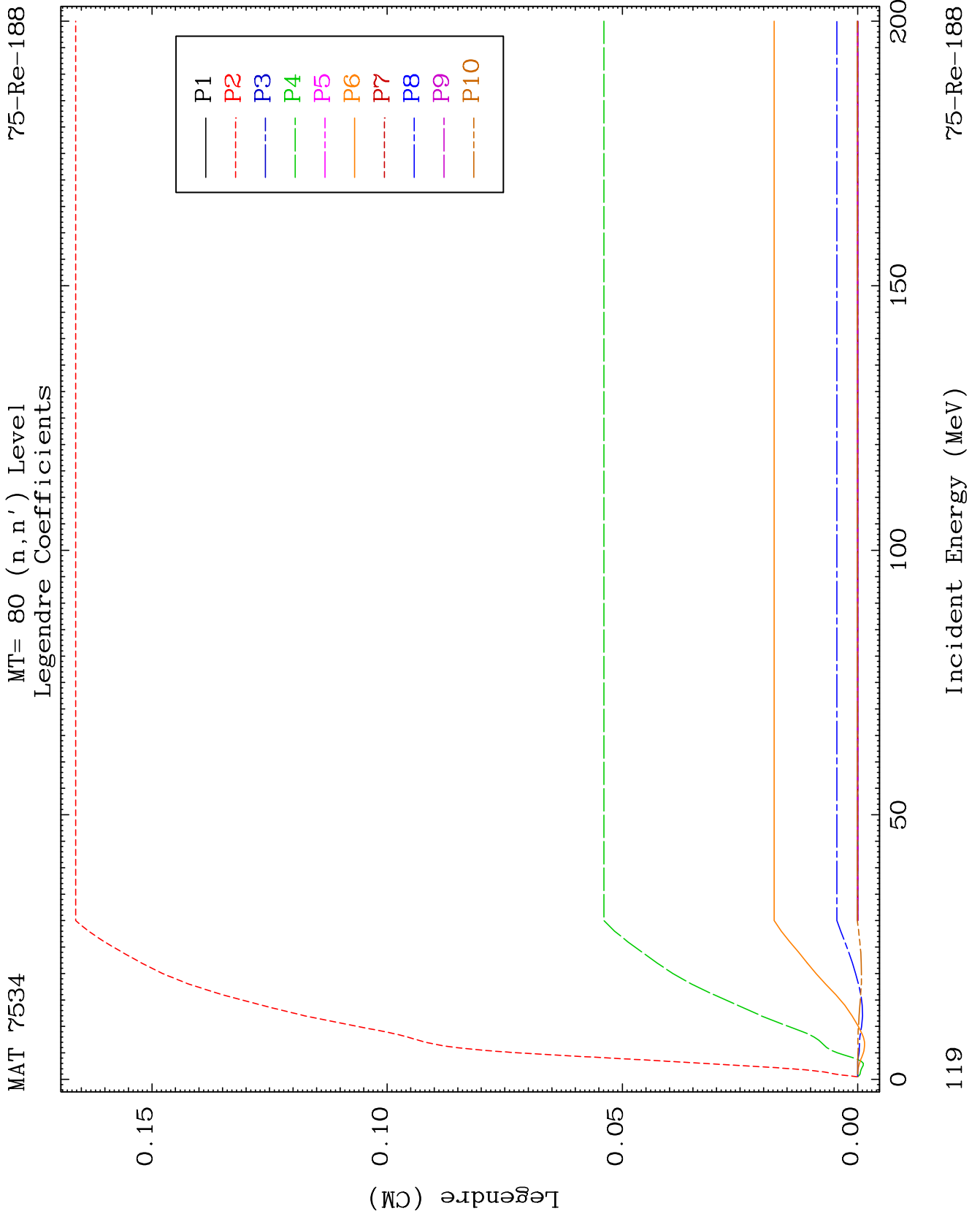
116

Incident Energy (MeV)

75-Re-188





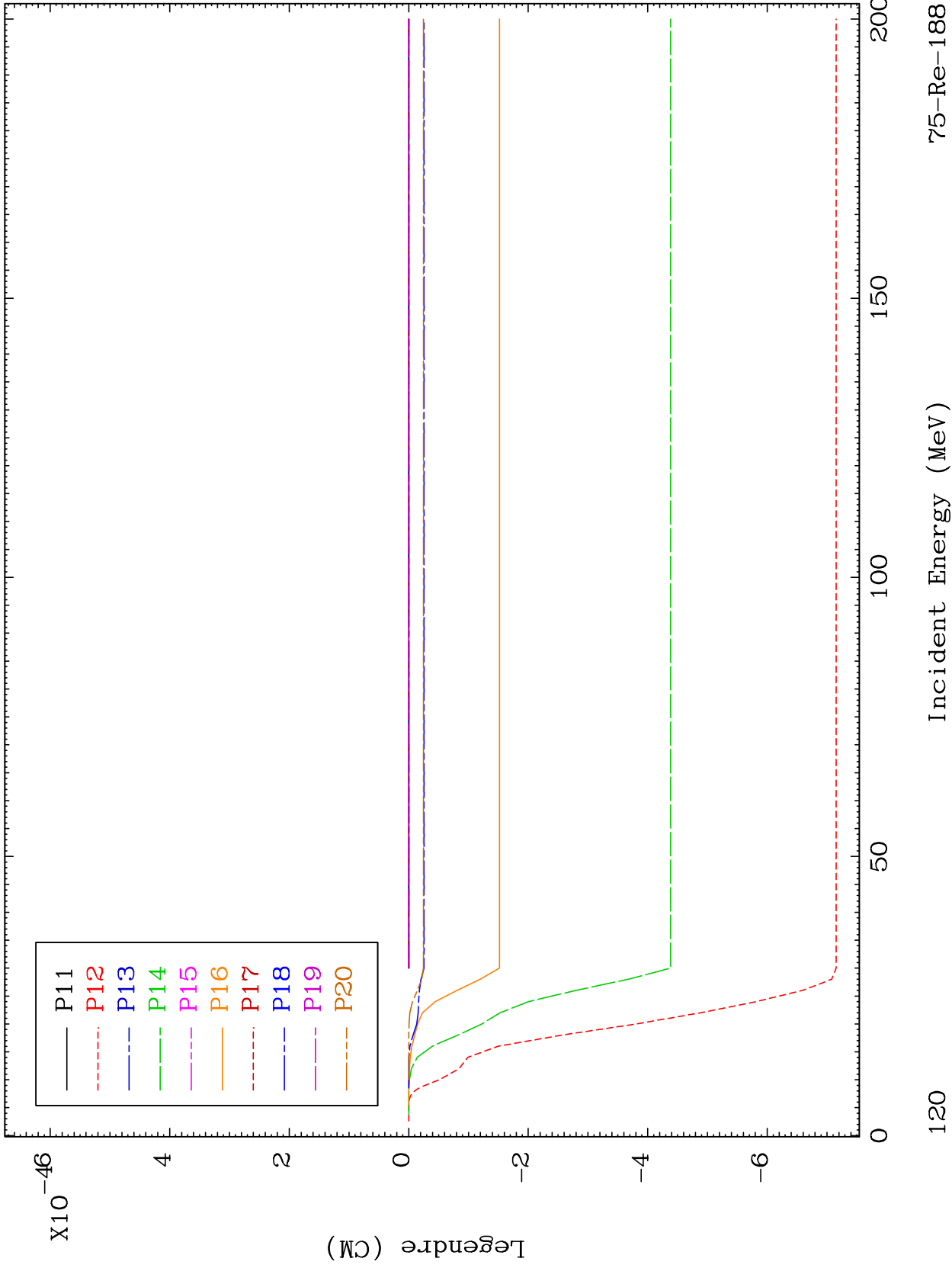


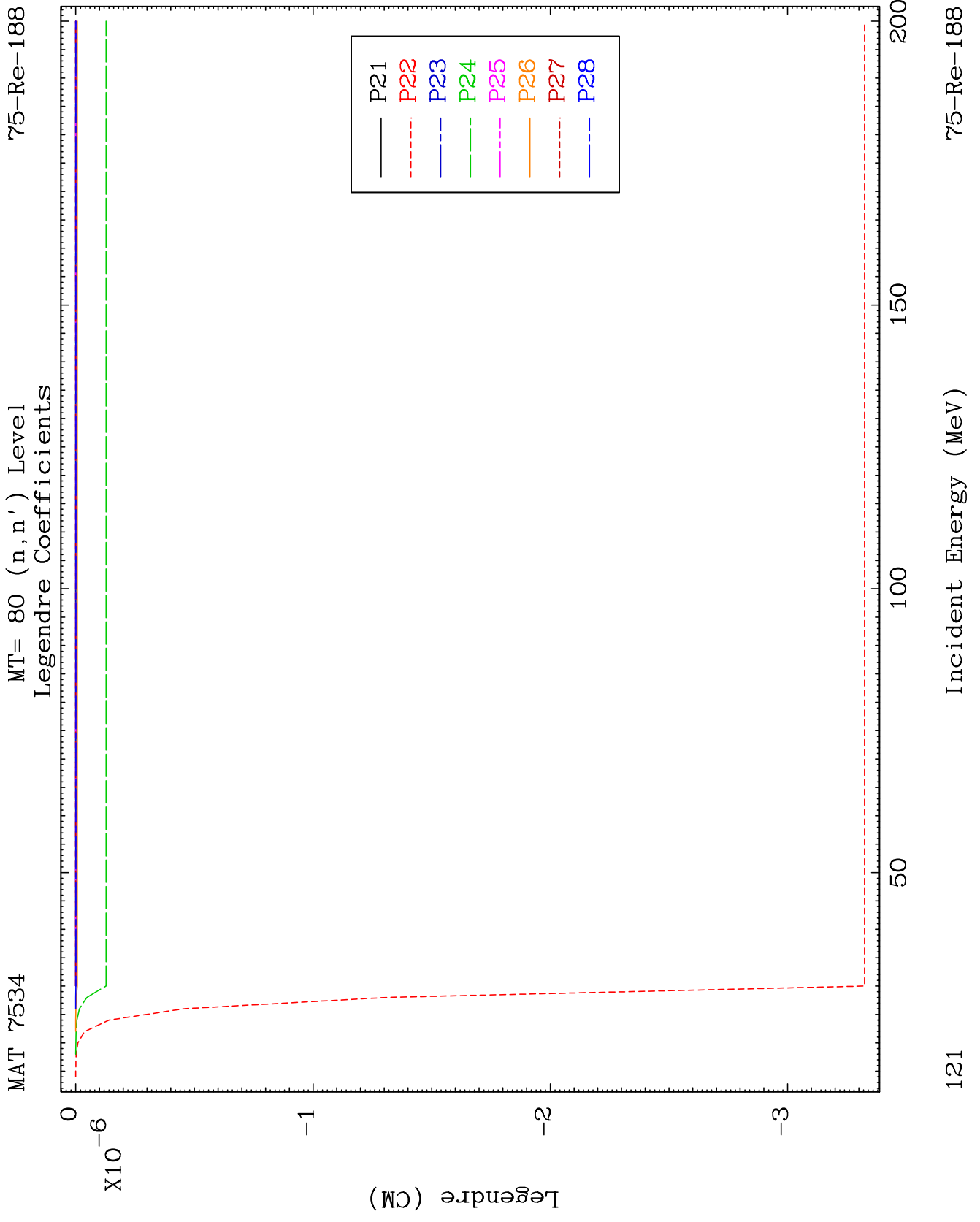


MAT 7534

MT= 80 (n,n') Level  
Legendre Coefficients

75-Re-188

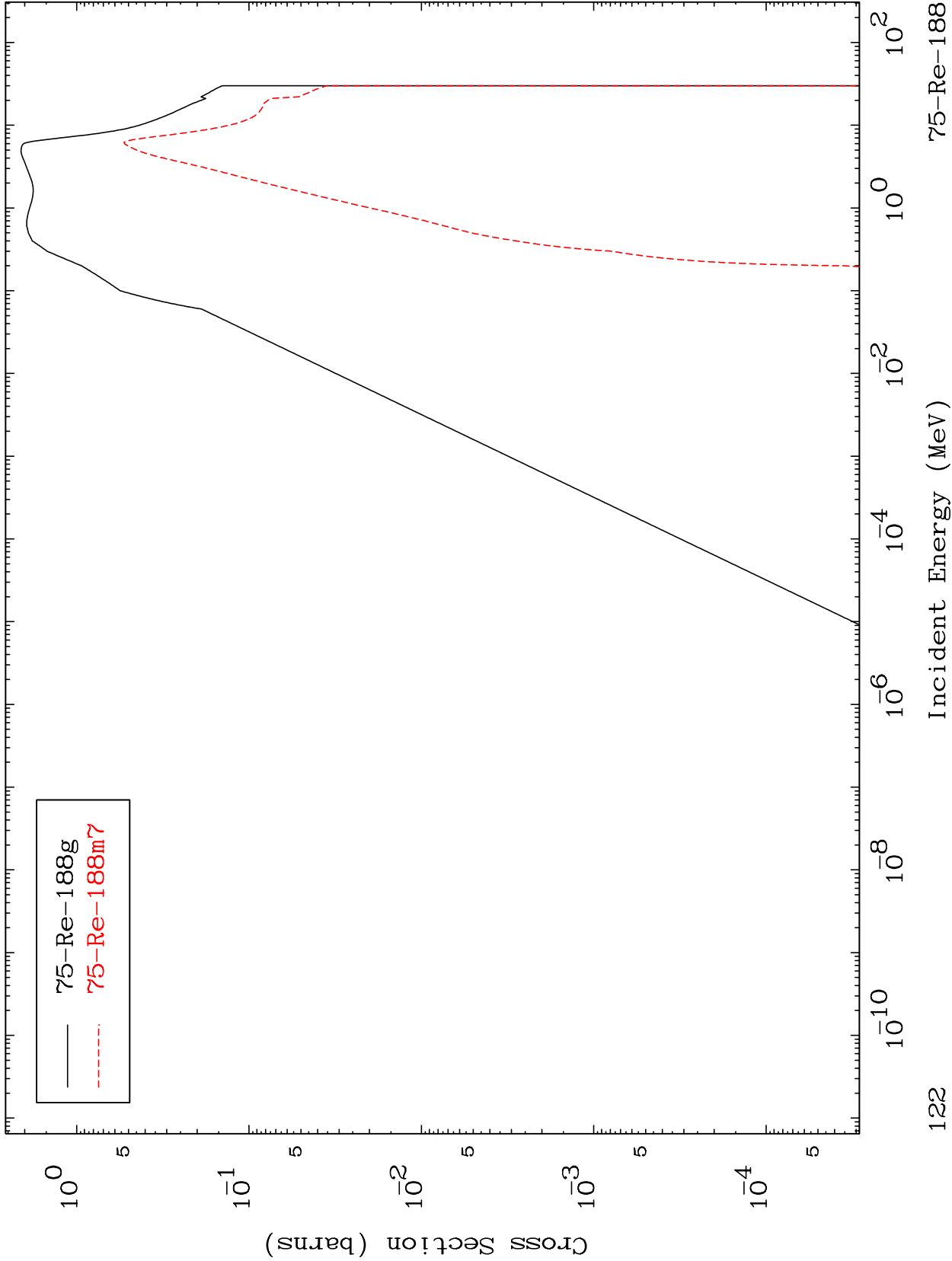




MAT 7534

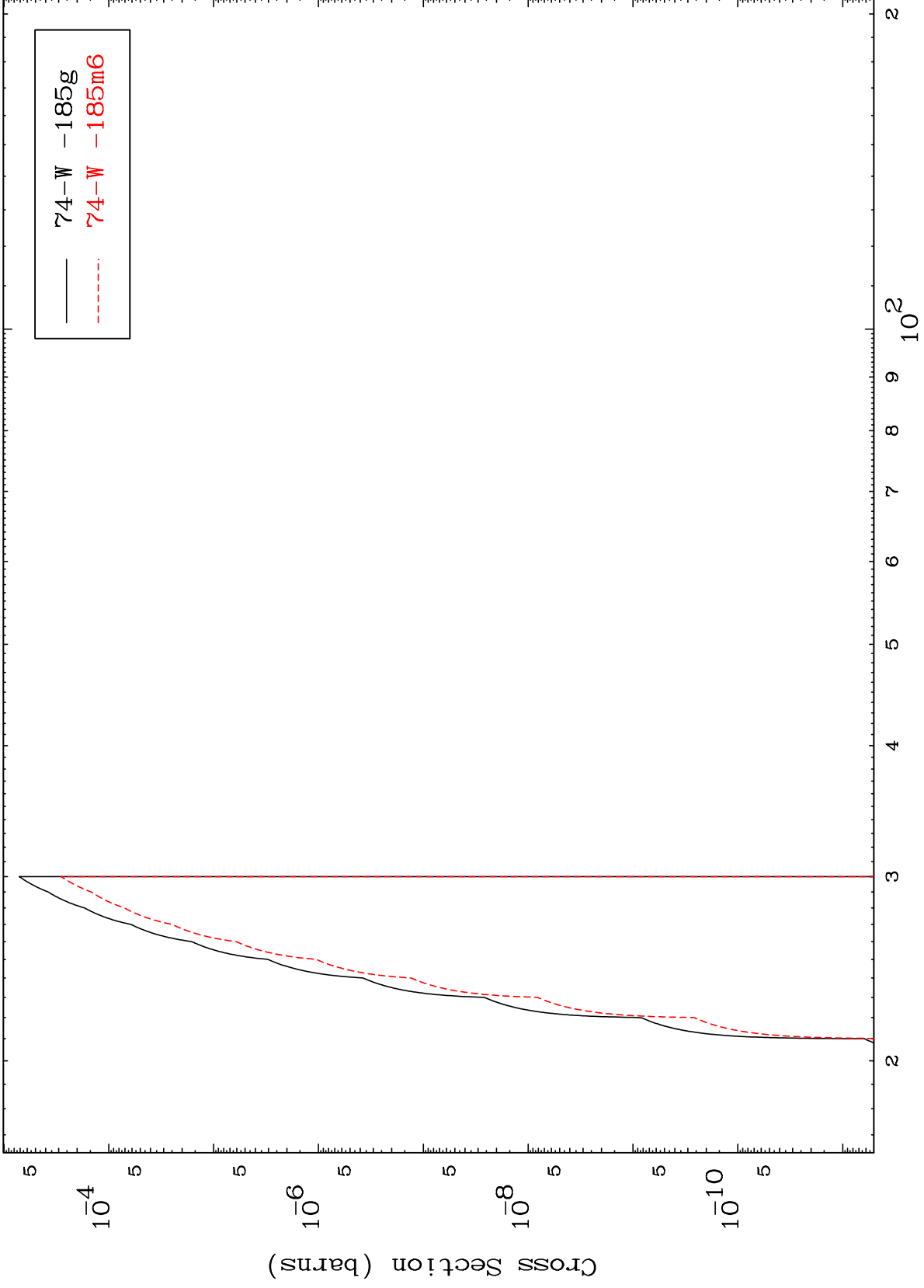
Inelastic  
Radionuclide Production Cross Section

75-Re-188



75-Re-188g  
75-Re-188m7

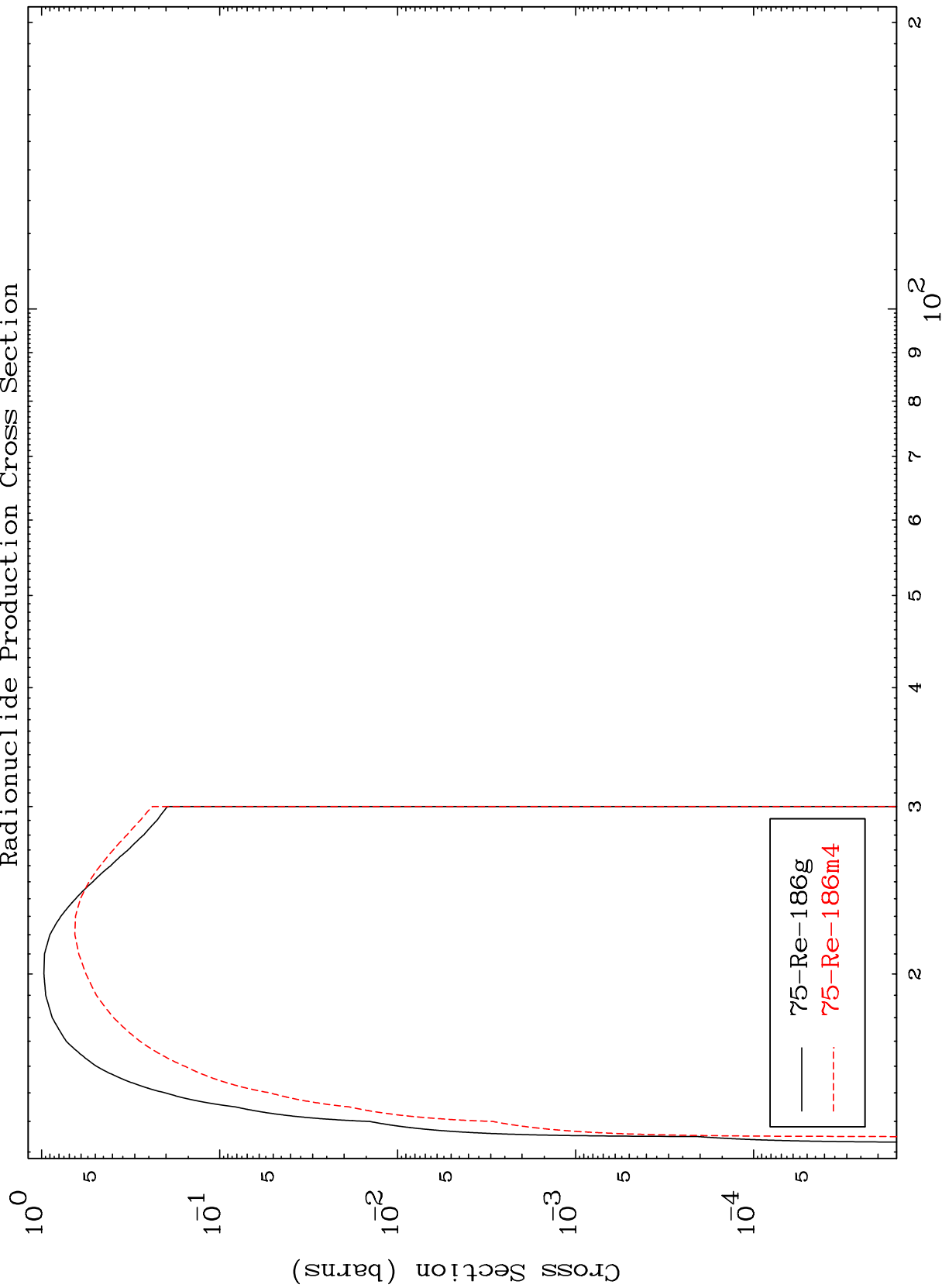
Radionuclide Production Cross Section



MAT 7534

75-Re-188

(n,3n)  
Radionuclide Production Cross Section



124

75-Re-188

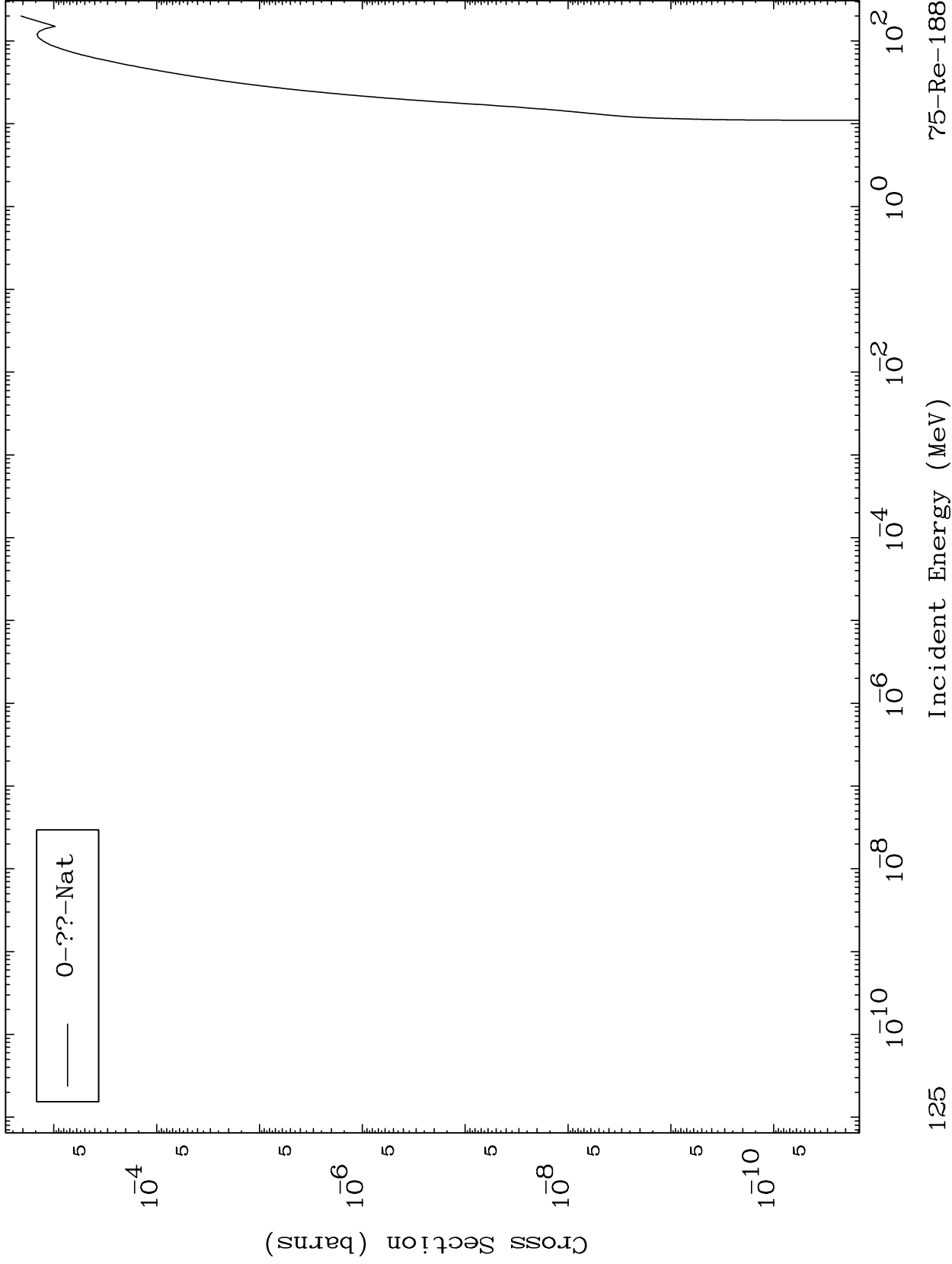
Incident Energy (MeV)

MAT 7534

Fission

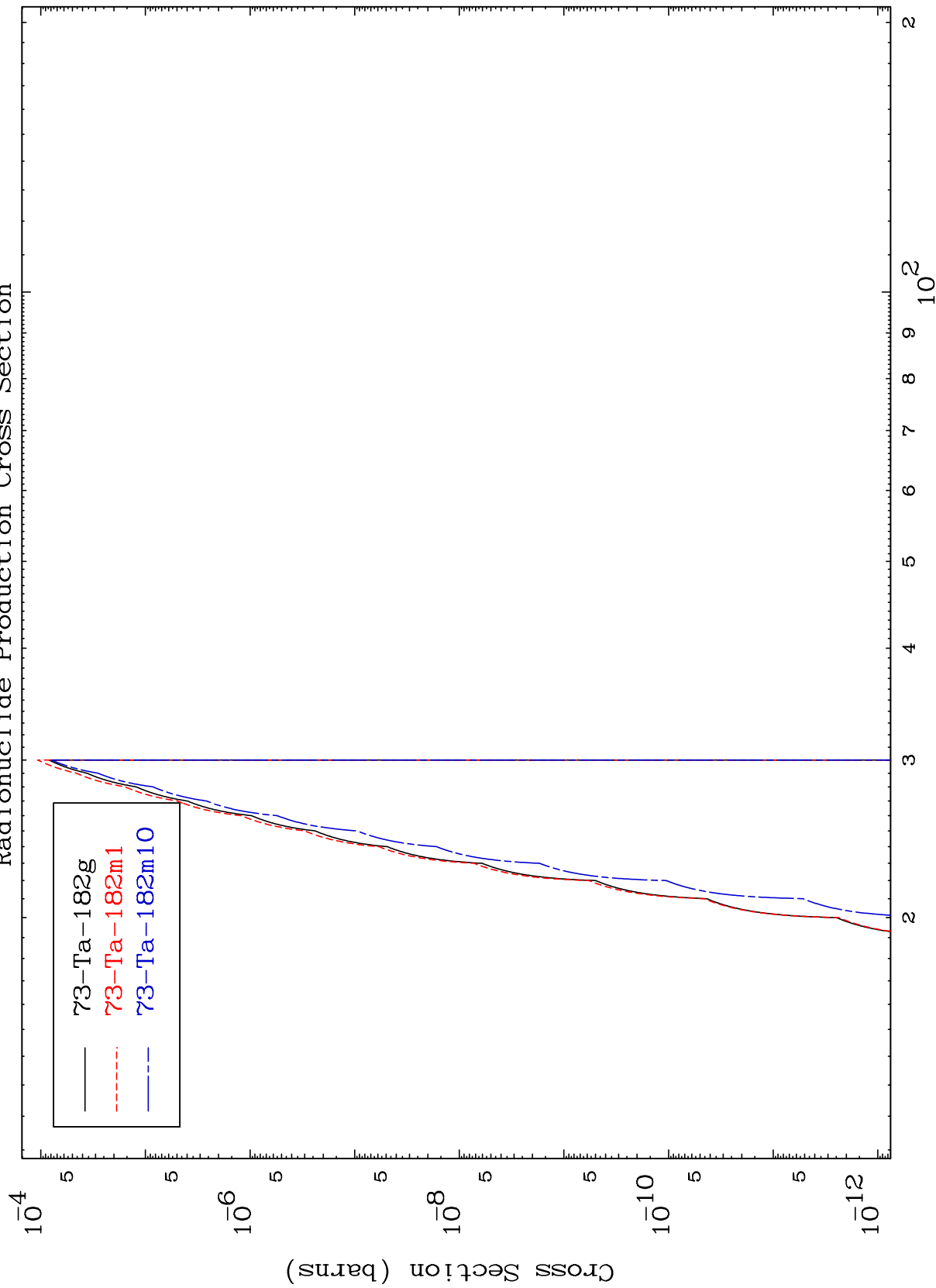
<sup>75</sup>Re-188

Radionuclide Production Cross Section



— 0-??-Nat

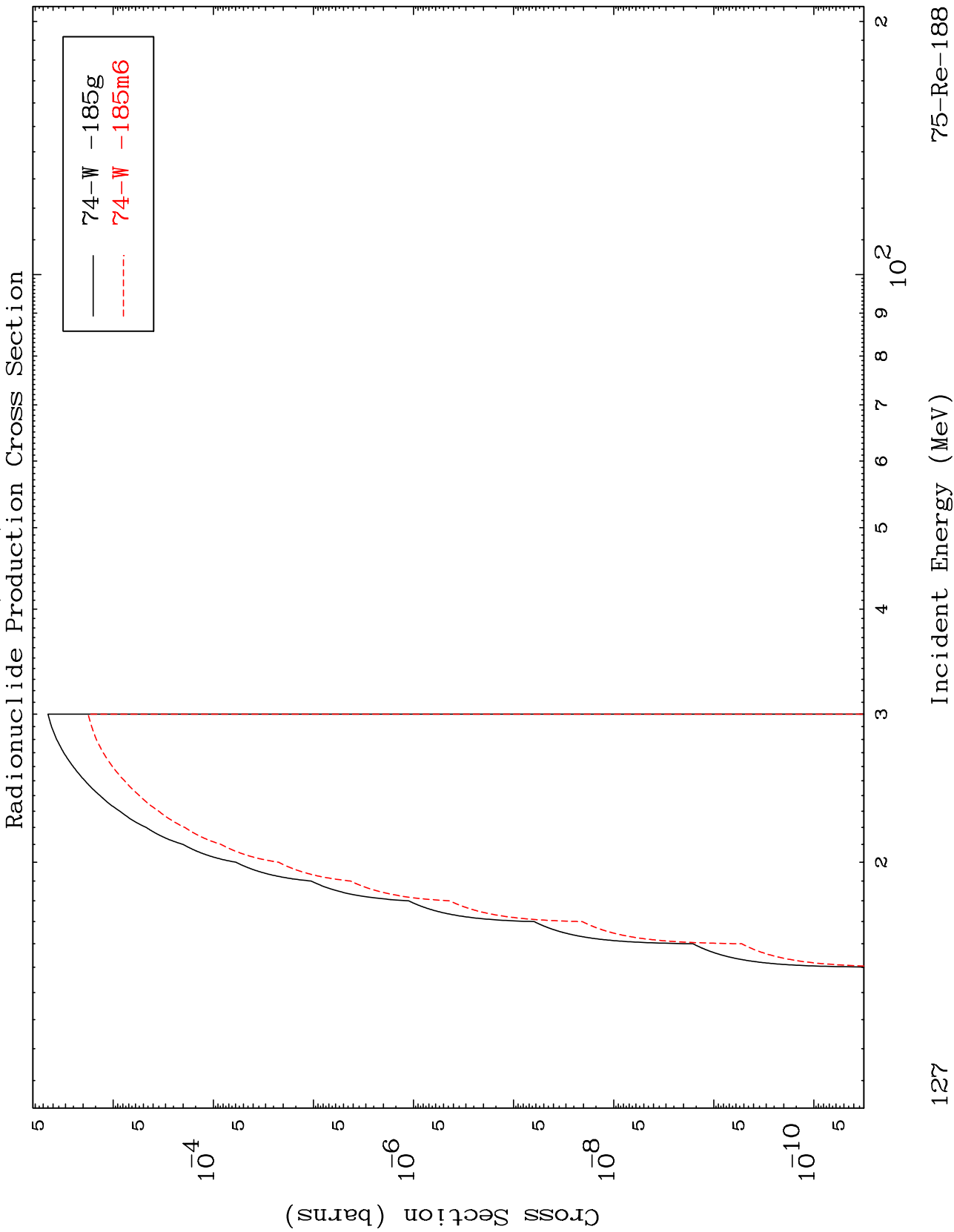
Radionuclide Production Cross Section



MAT 7534

(n,n') t

75-Re-188



127

75-Re-188

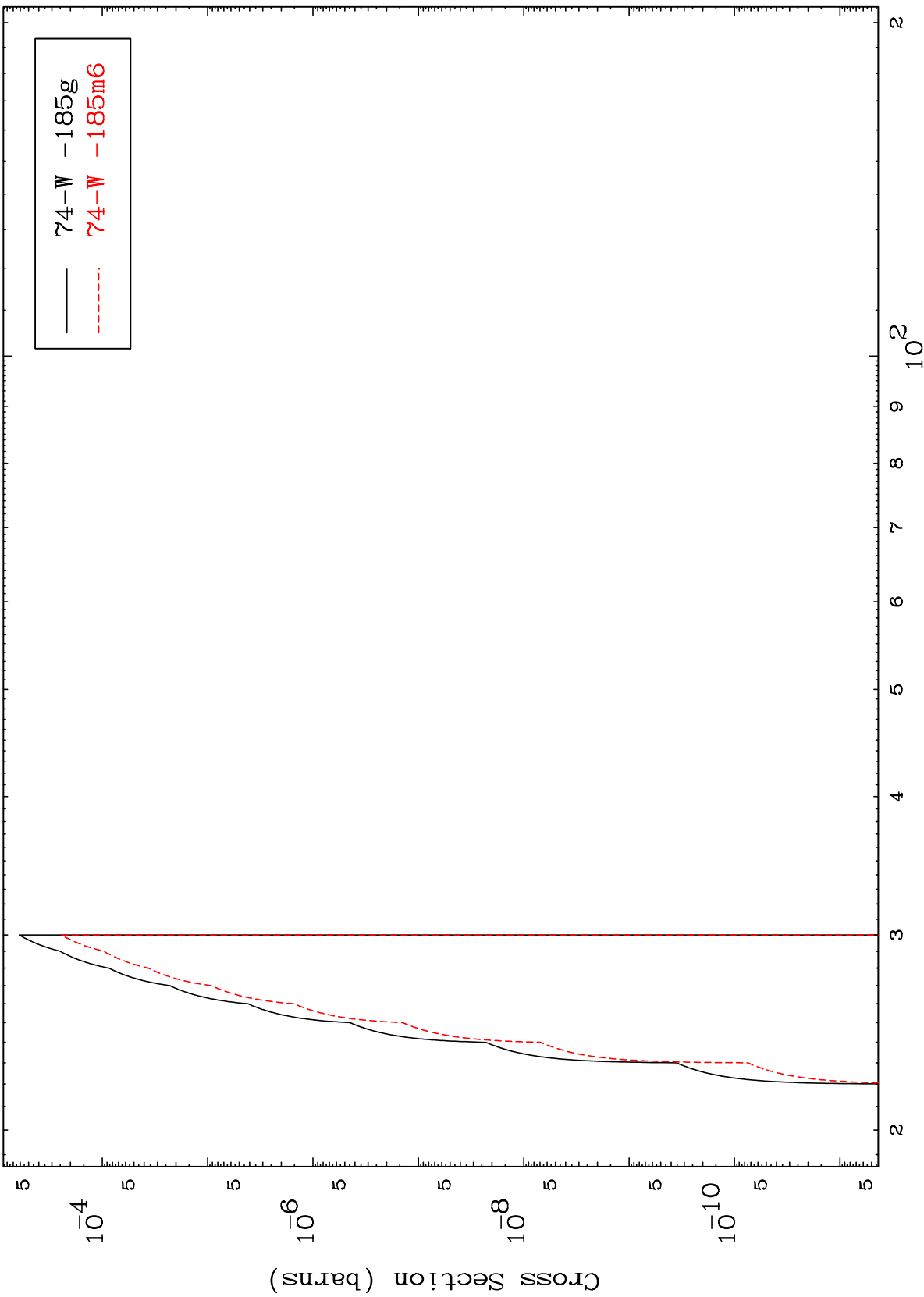


MAT 7534

(n,3n) p

75-Re-188

Radionuclide Production Cross Section



128

Incident Energy (MeV)

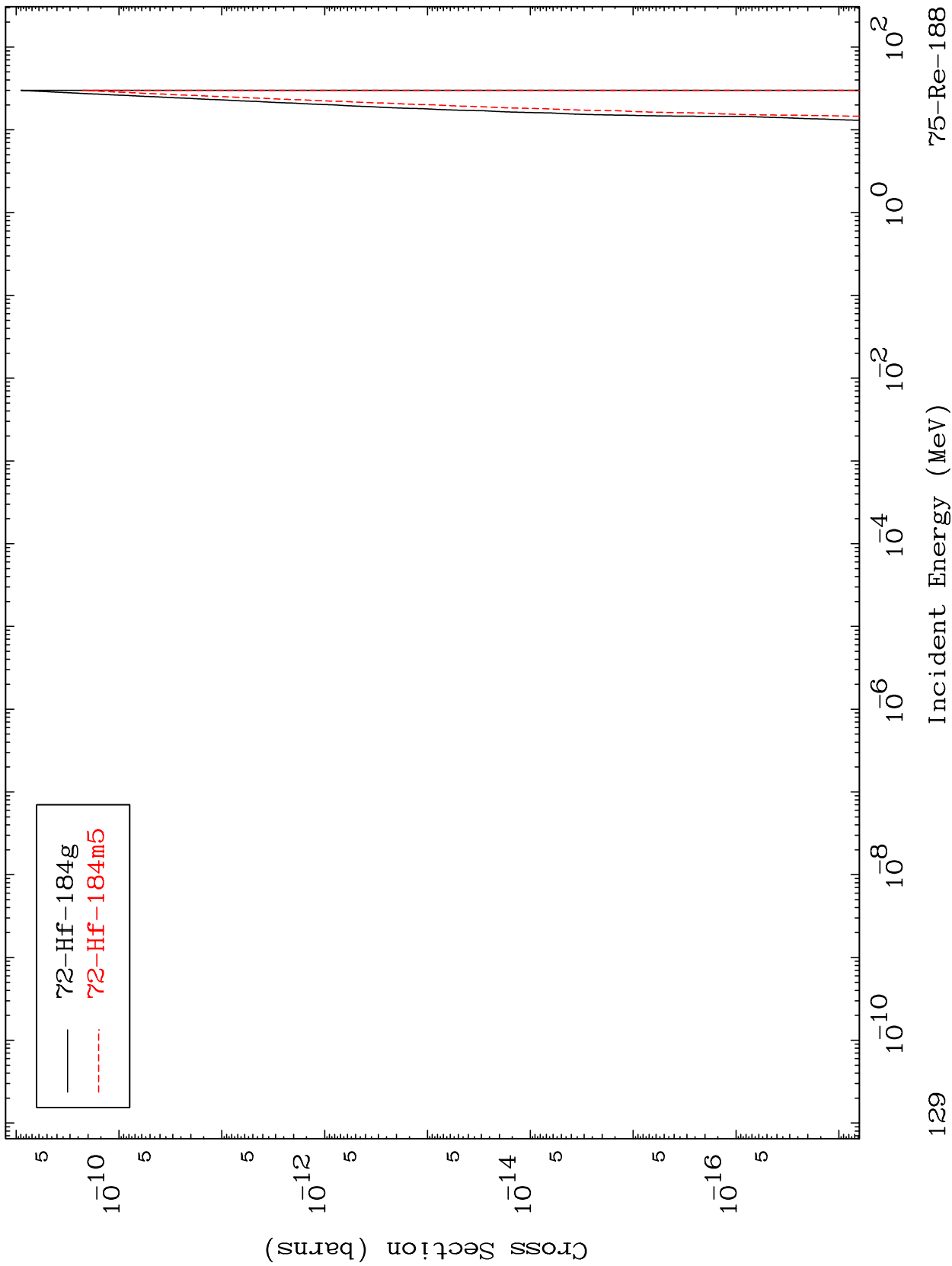
75-Re-188

MAT 7534

(n,p)  $\alpha$

<sup>75</sup>Re-188

Radionuclide Production Cross Section



— 72-Hf-184g  
- - - 72-Hf-184m5