

Program EVALPLOT  
(Version 2018-1)

by

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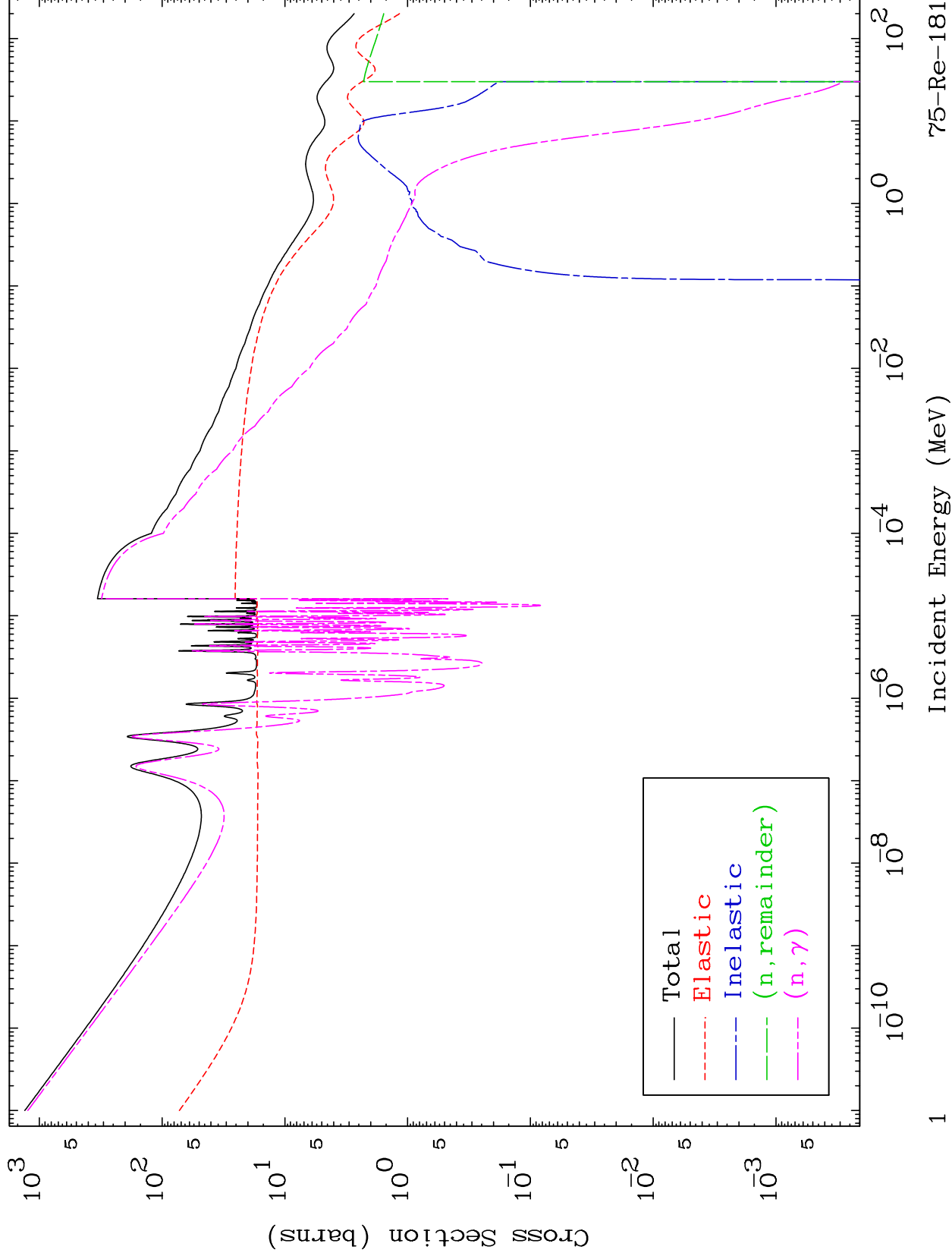
Press Mouse Button to Start

MAT 7513

Major

293 Kelvin Cross Sections

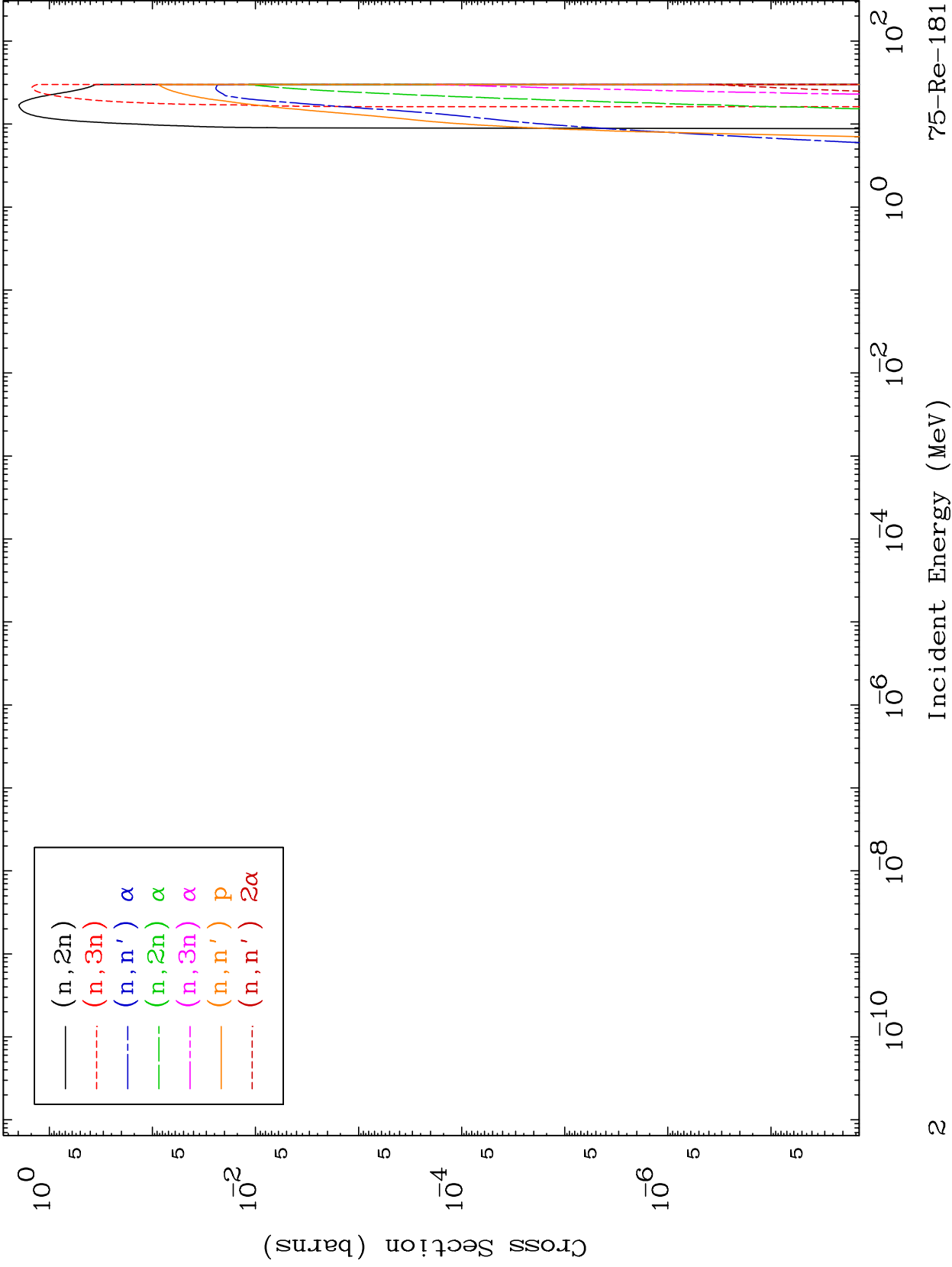
75-Re-181



MAT 7513

Neutron Production  
293 Kelvin Cross Sections

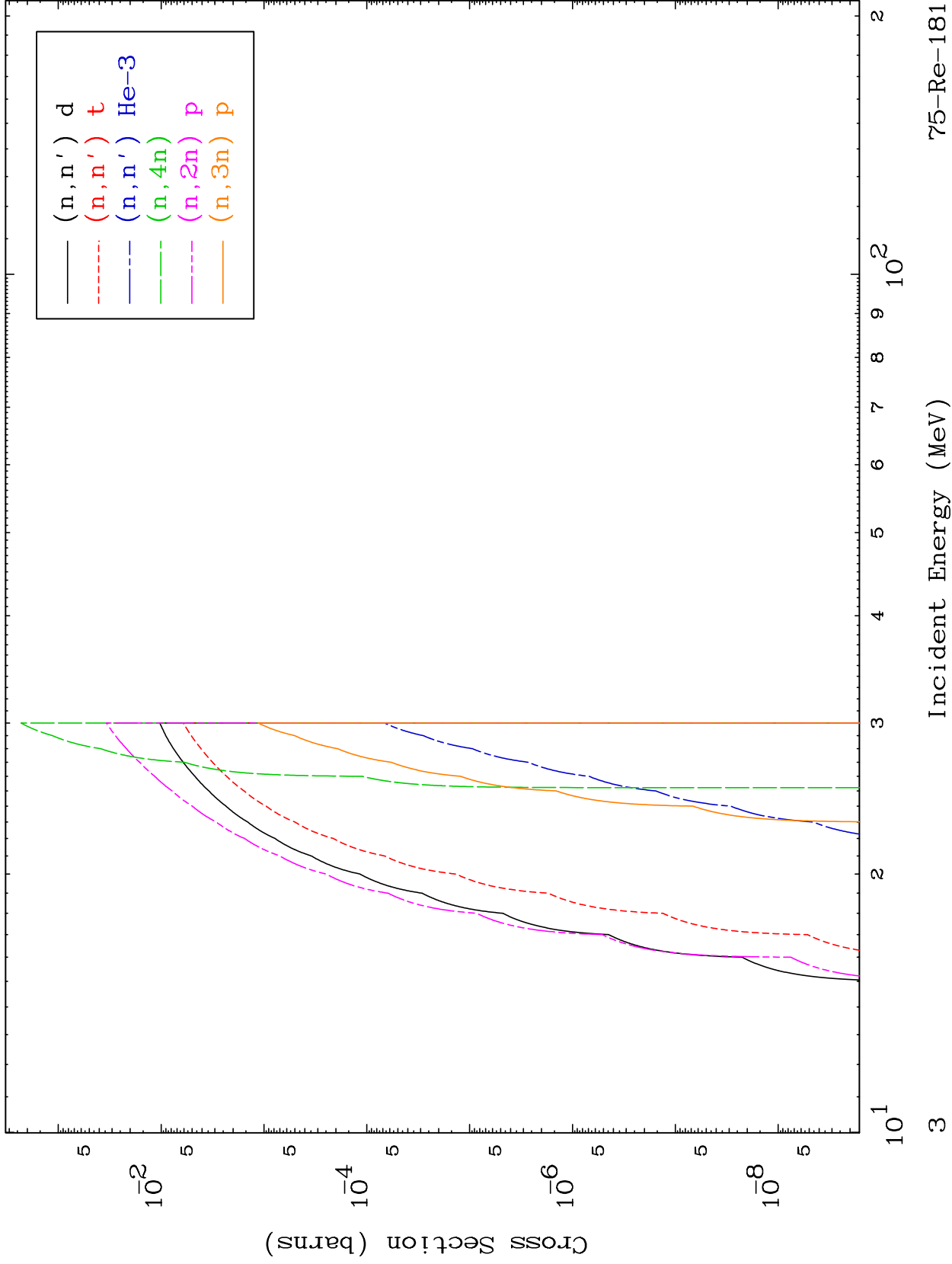
75-Re-181



MAT 7513

Neutron Production  
293 Kelvin Cross Sections

75-Re-181

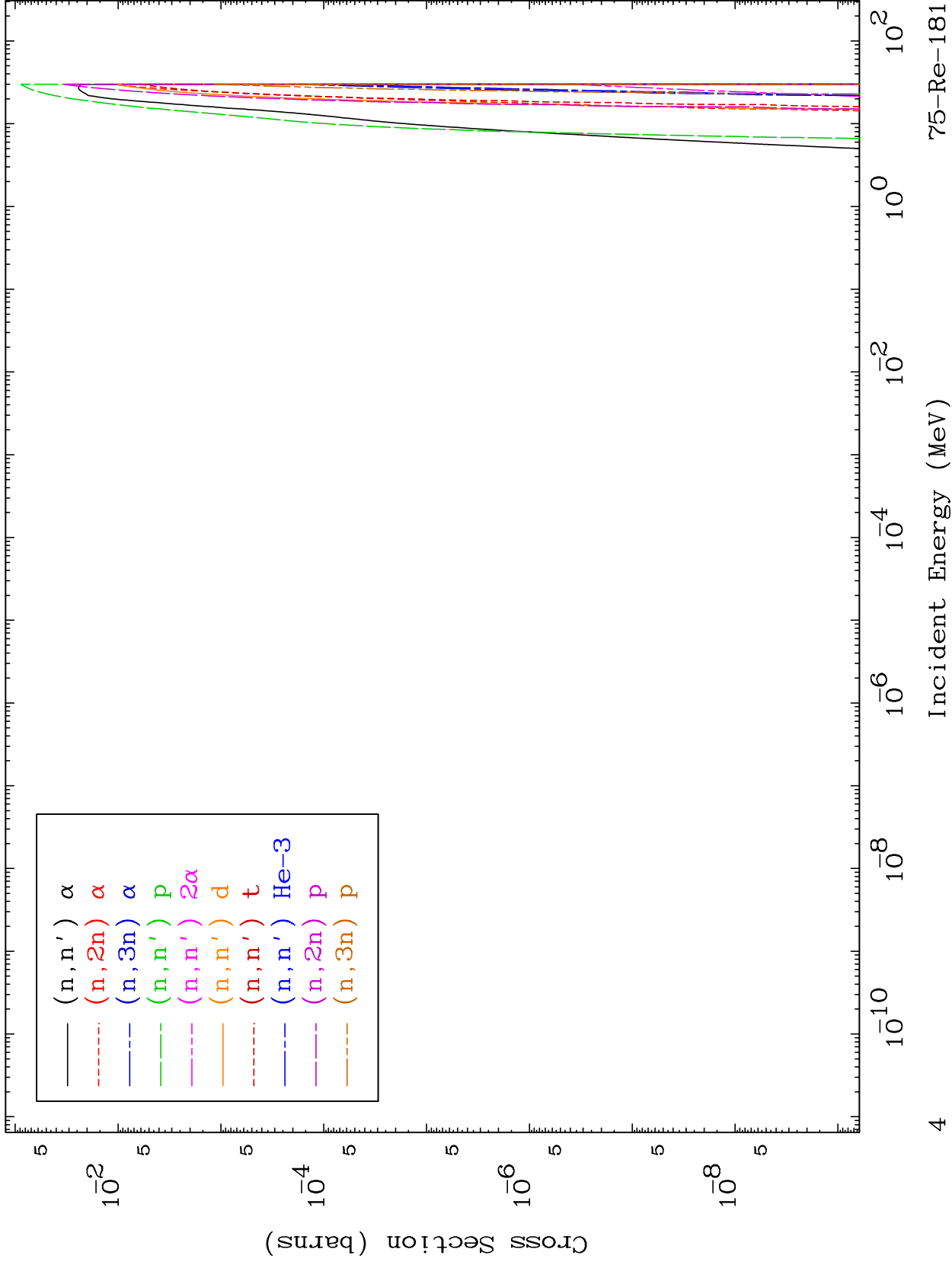


75-Re-181

MAT 7513

Charged Particle  
293 Kelvin Cross Sections

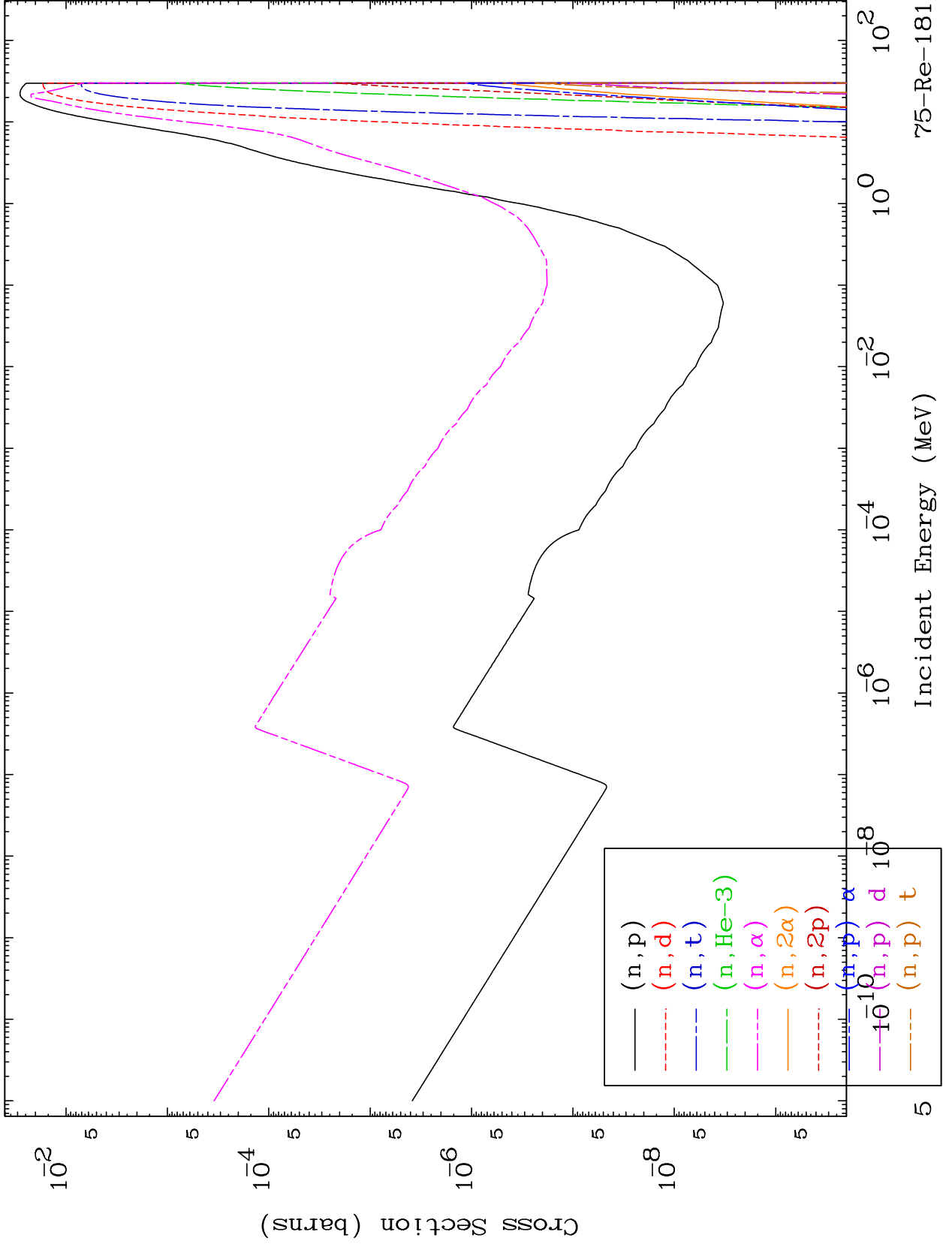
75-Re-181



MAT 7513

Charged Particle  
293 Kelvin Cross Sections

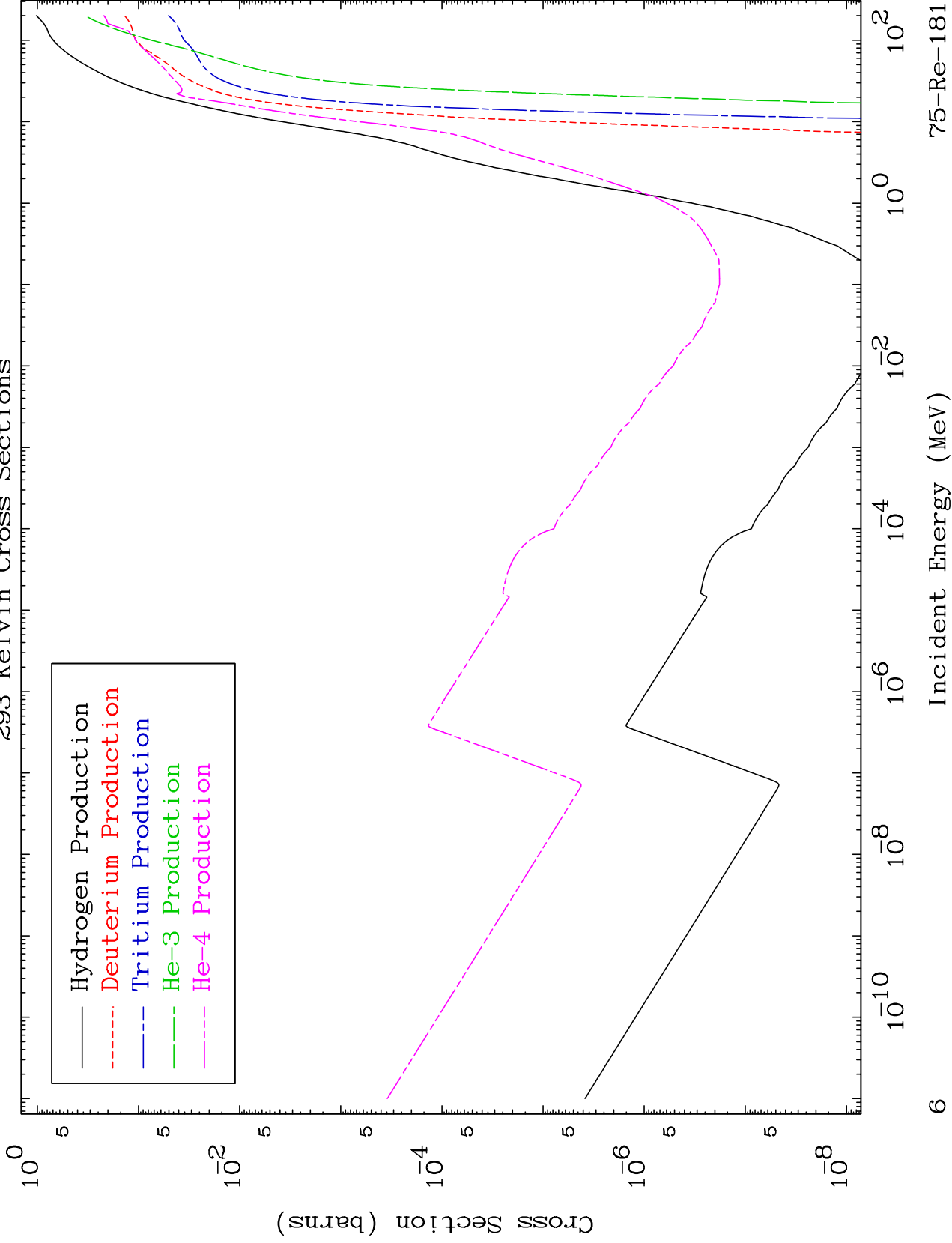
75-Re-181



MAT 7513

Particle Production  
293 Kelvin Cross Sections

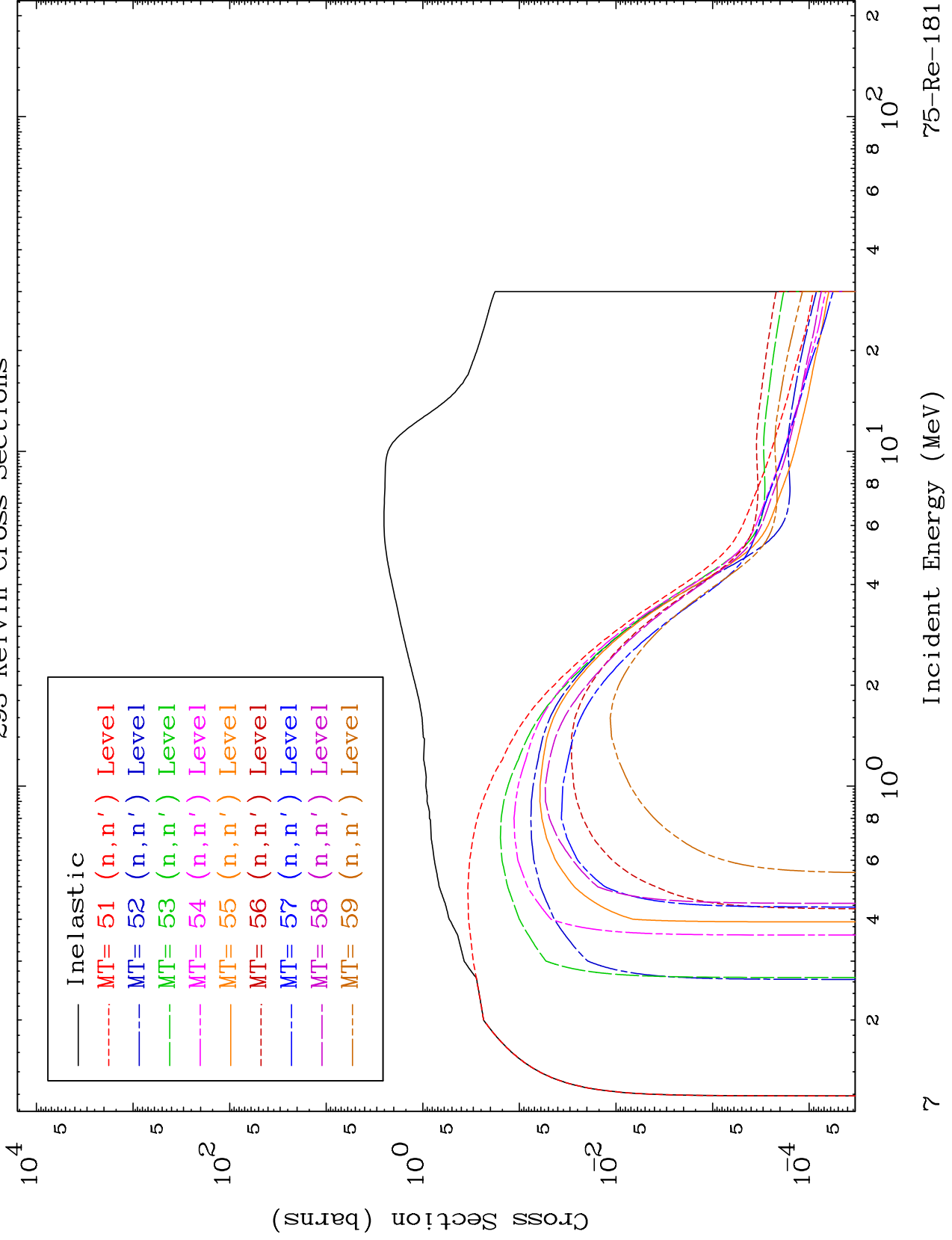
75-Re-181



MAT 7513

(n,n') Level  
293 Kelvin Cross Sections

75-Re-181



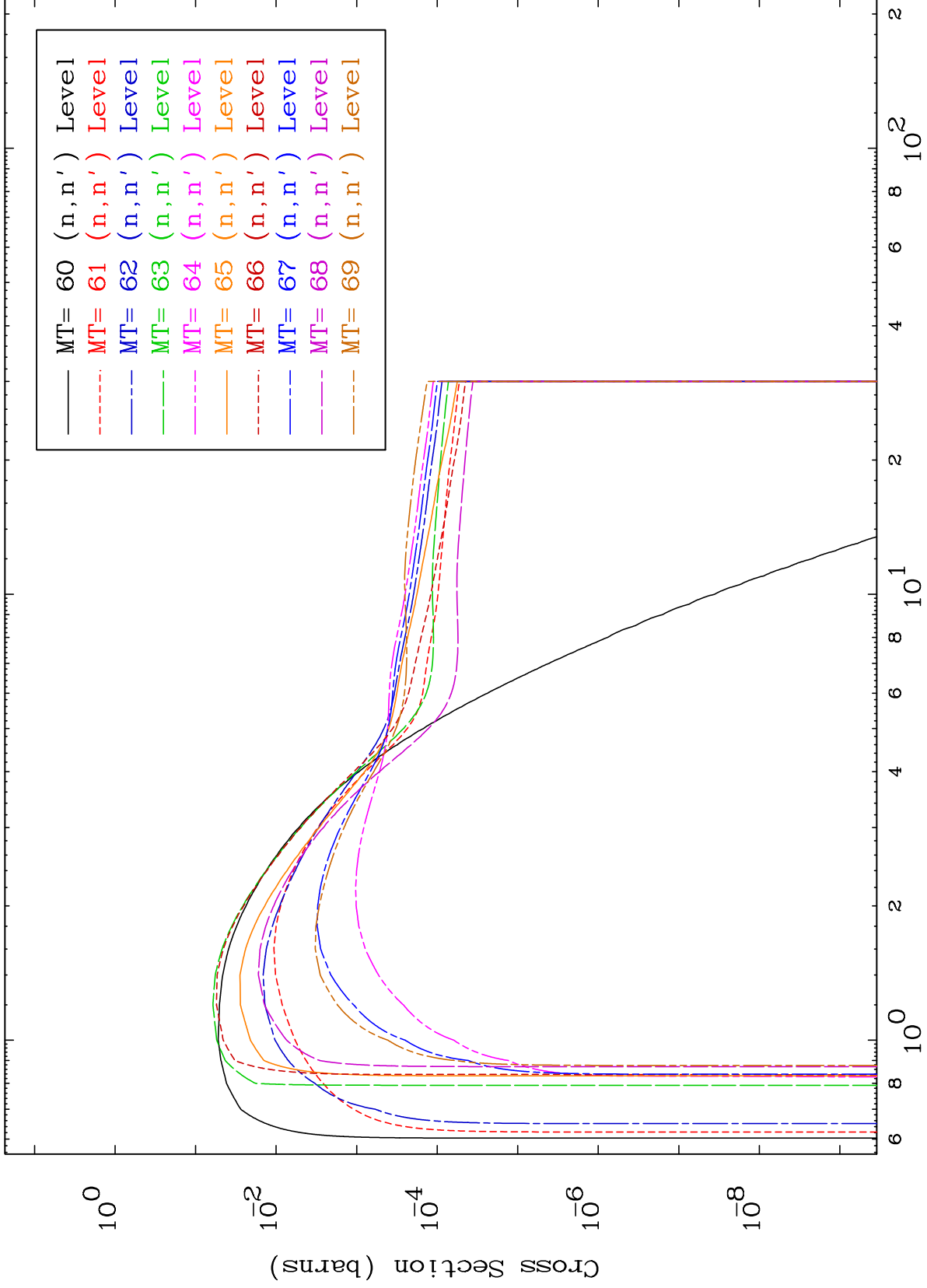


MAT 7513

(n,n') Level

75-Re-181

293 Kelvin Cross Sections



8

Incident Energy (MeV)

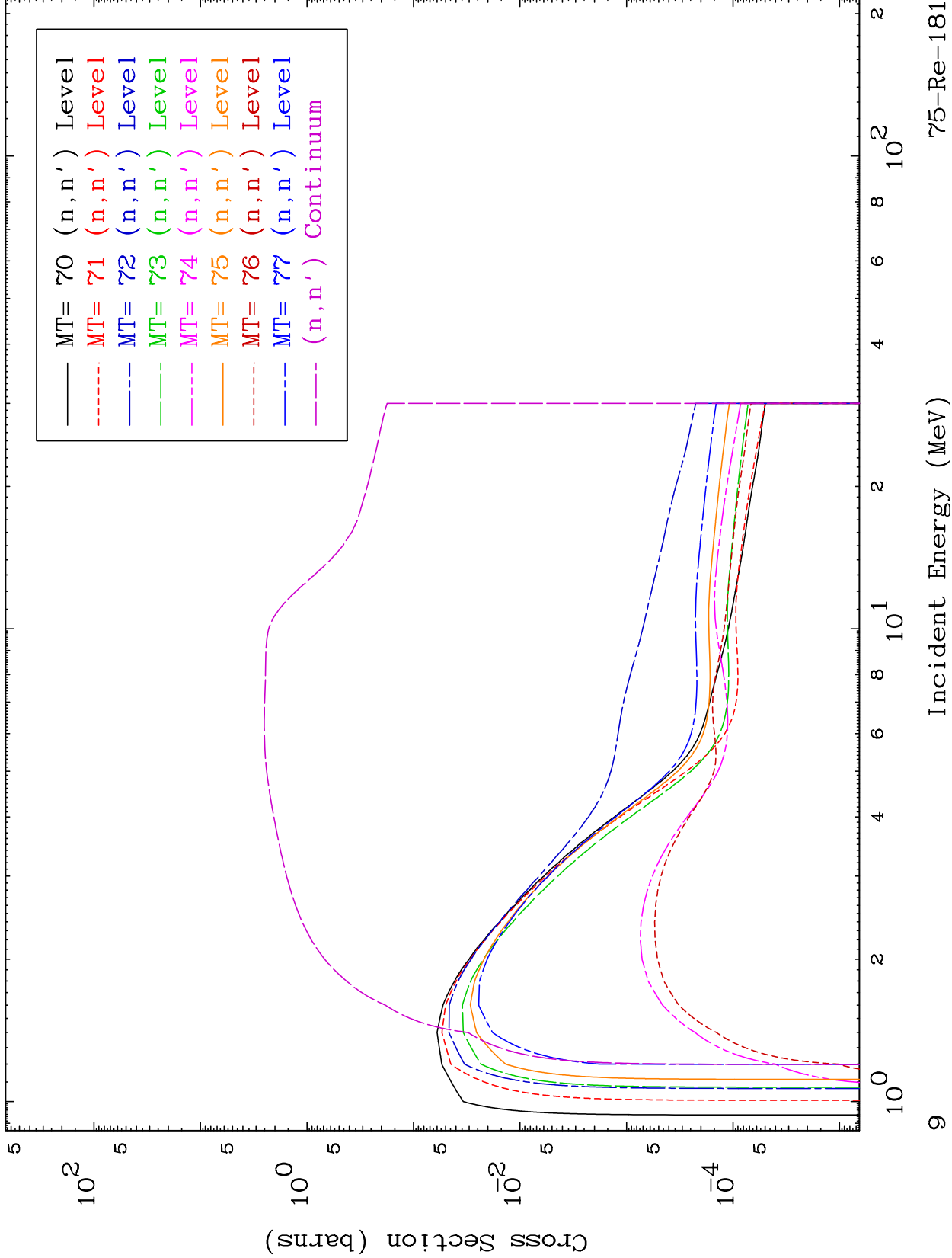
75-Re-181

MAT 7513

(n,n') Level

75-Re-181

293 Kelvin Cross Sections



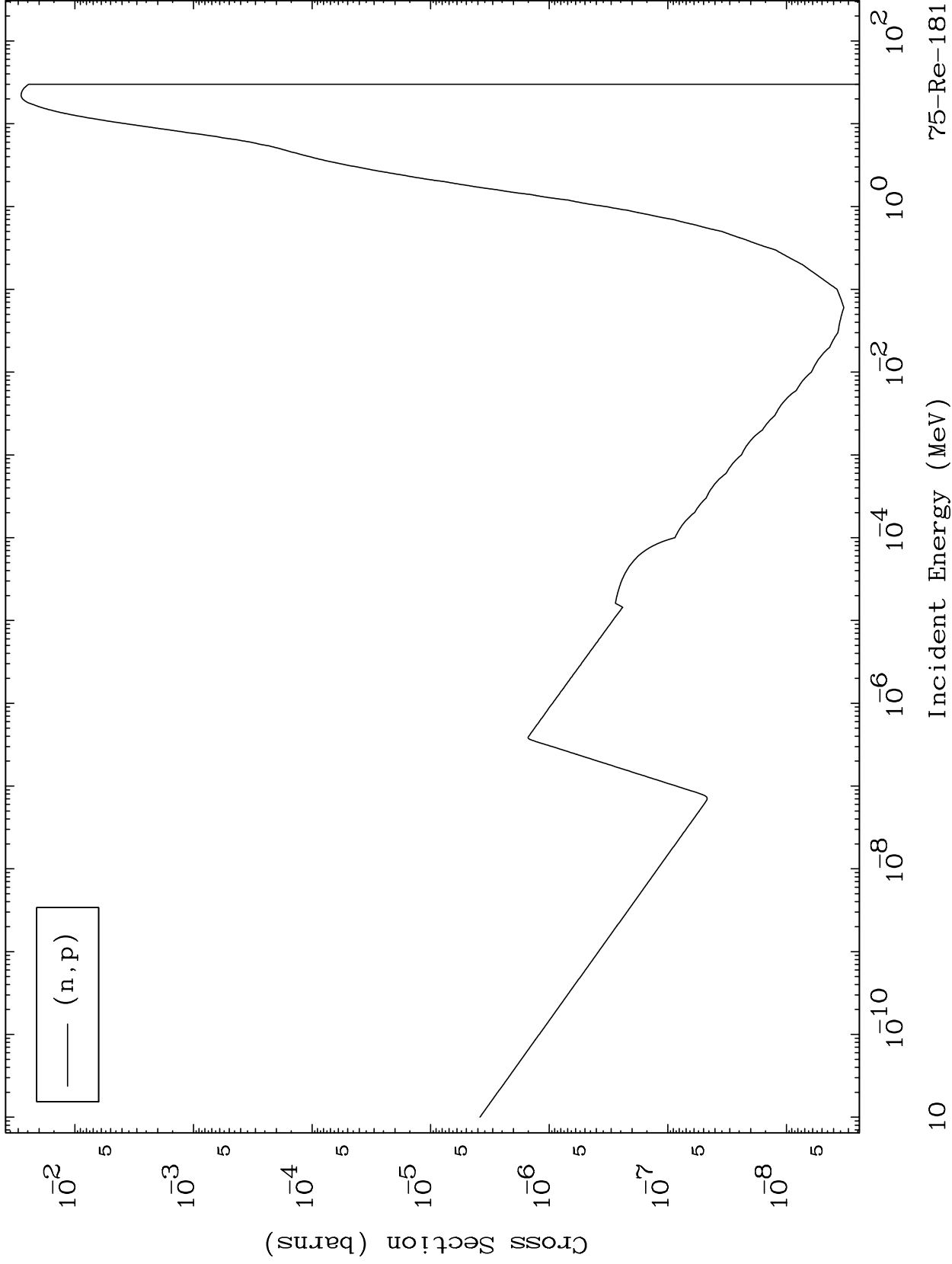
Incident Energy (MeV)

75-Re-181

MAT 7513

(n,p) Levels  
293 Kelvin Cross Sections

75-Re-181



10

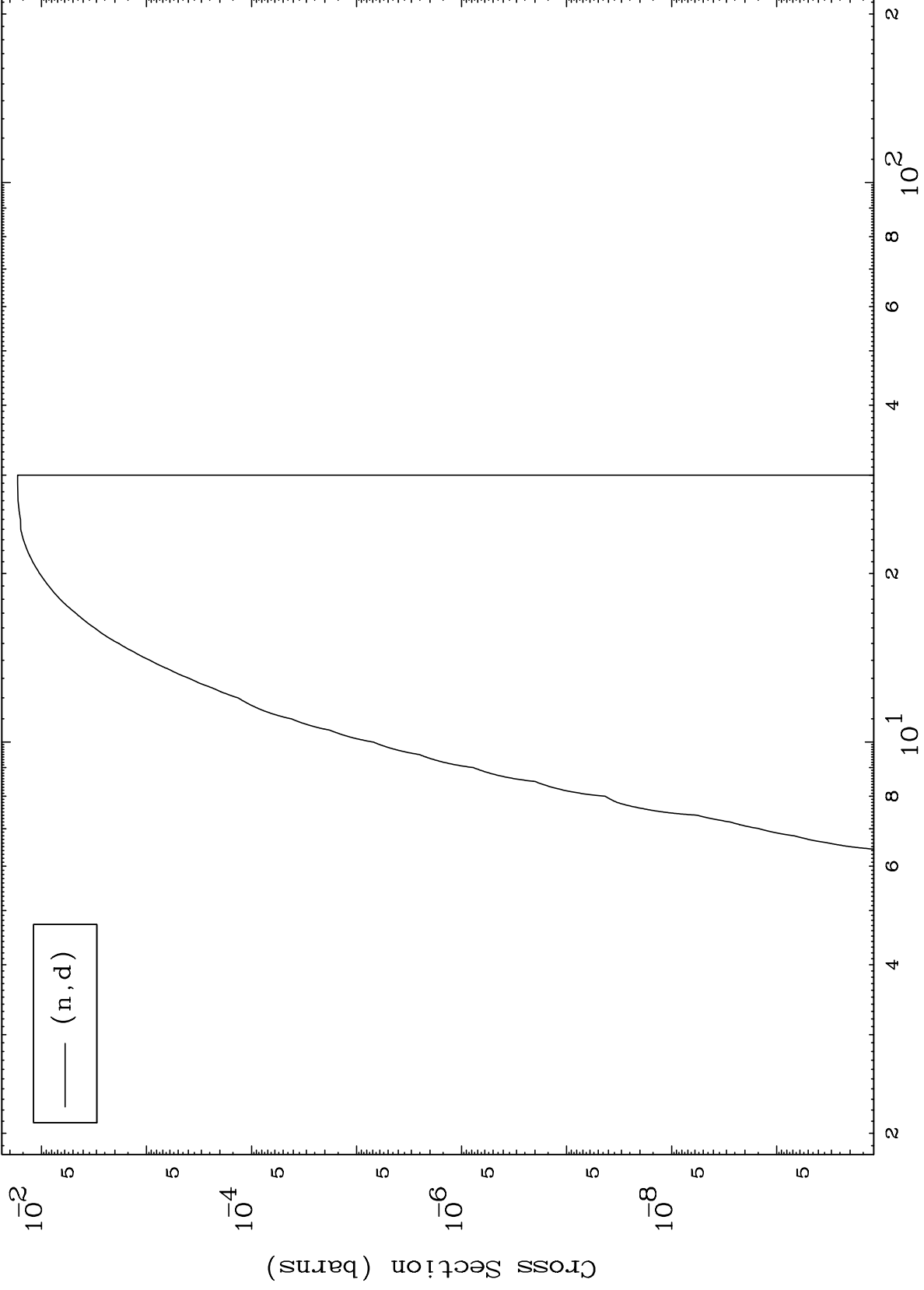
Incident Energy (MeV)

75-Re-181

MAT 7513

(n,d) Levels  
293 Kelvin Cross Sections

75-Re-181



11

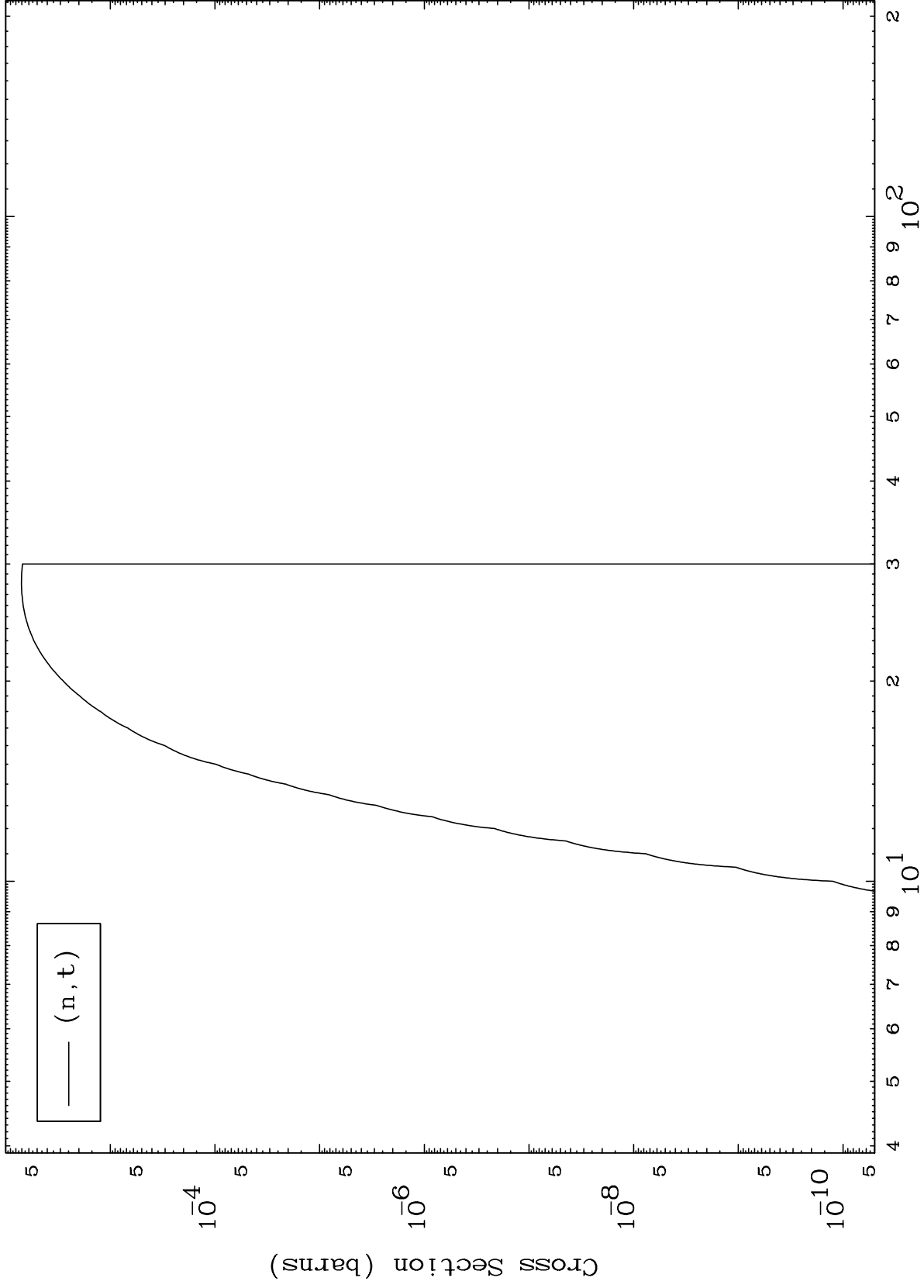
Incident Energy (MeV)

75-Re-181

MAT 7513

(n,t) Levels  
293 Kelvin Cross Sections

75-Re-181



12

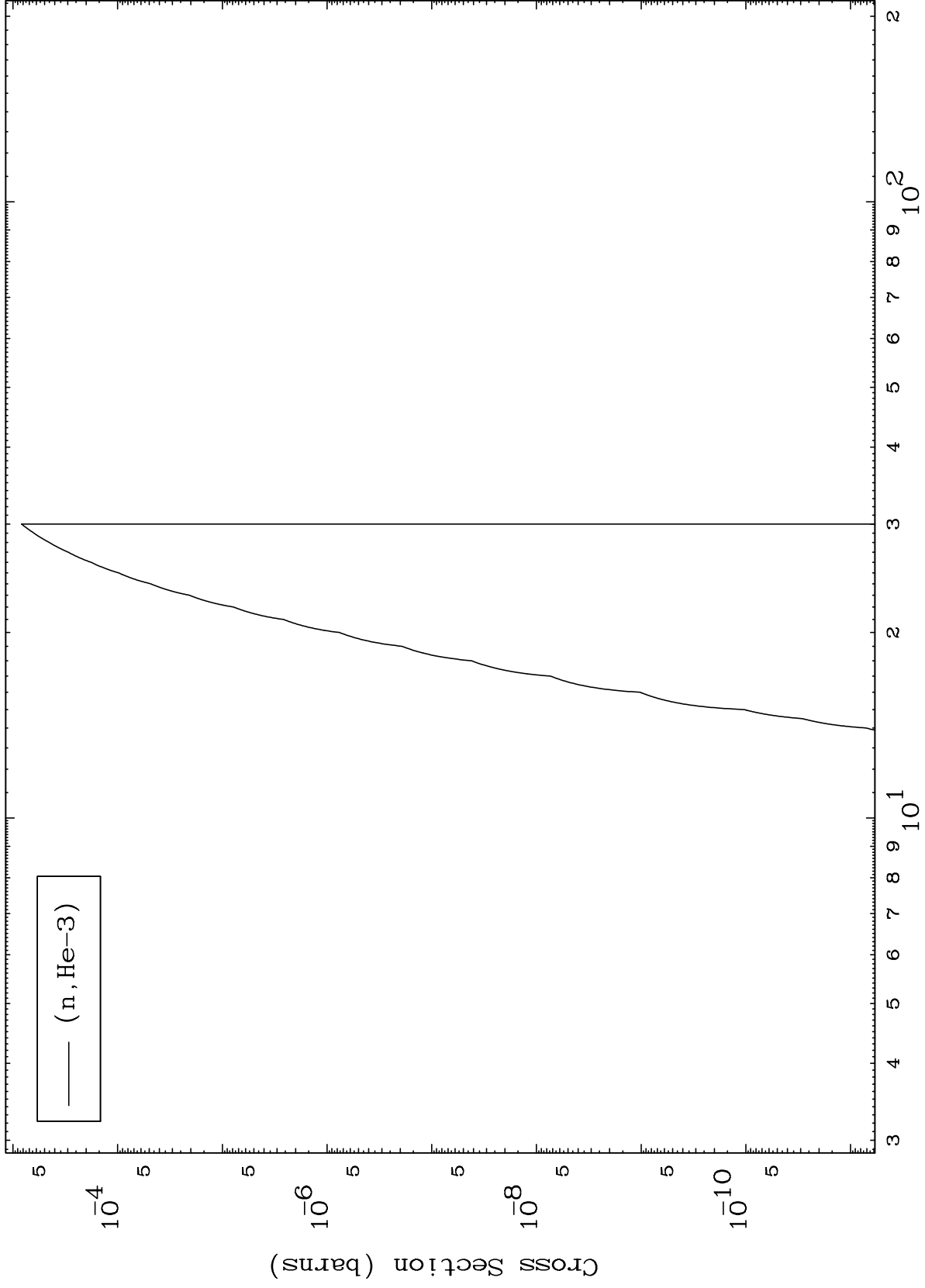
Incident Energy (MeV)

75-Re-181

MAT 7513

(n,He3) Levels  
293 Kelvin Cross Sections

75-Re-181



13

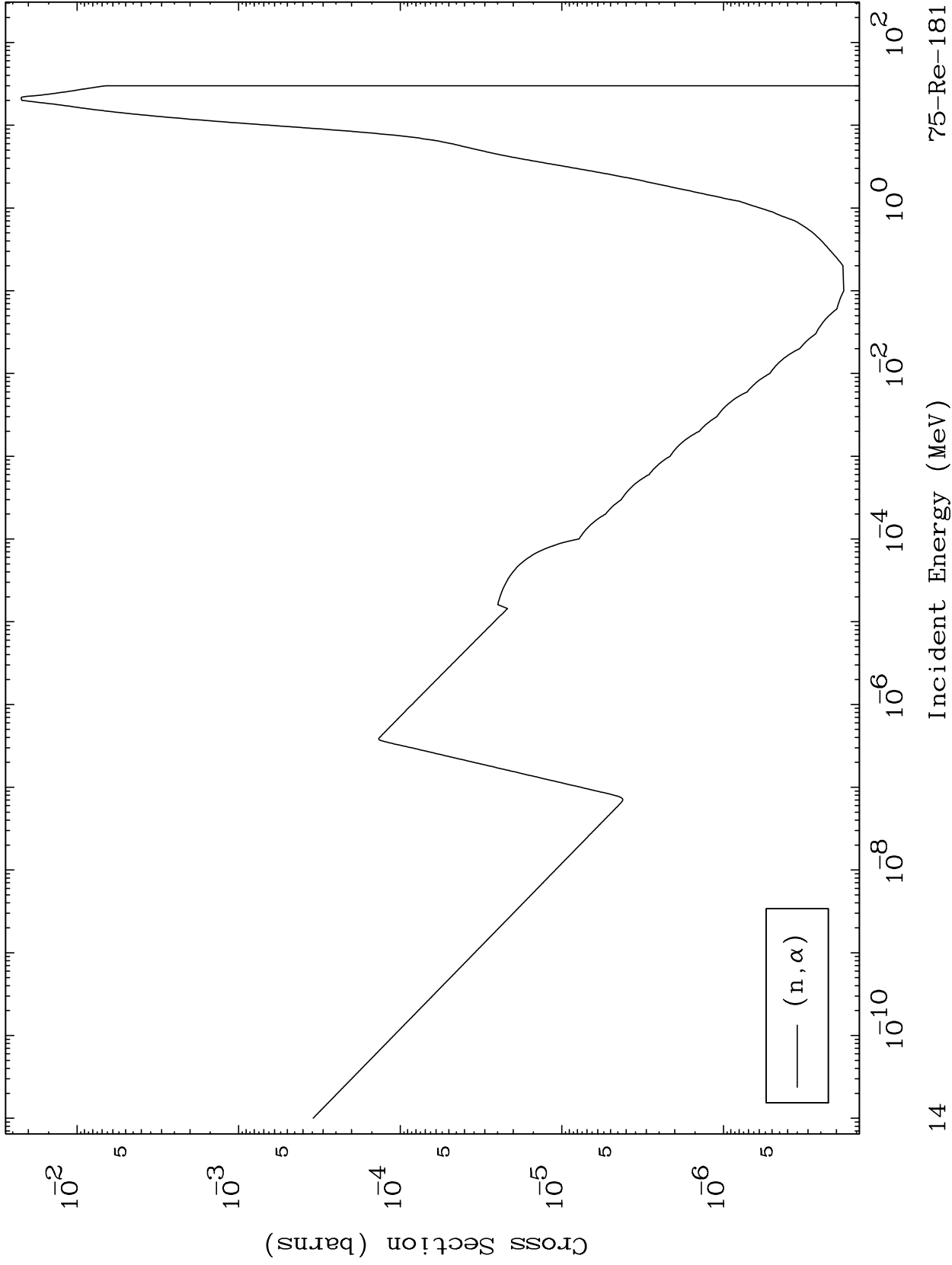
Incident Energy (MeV)

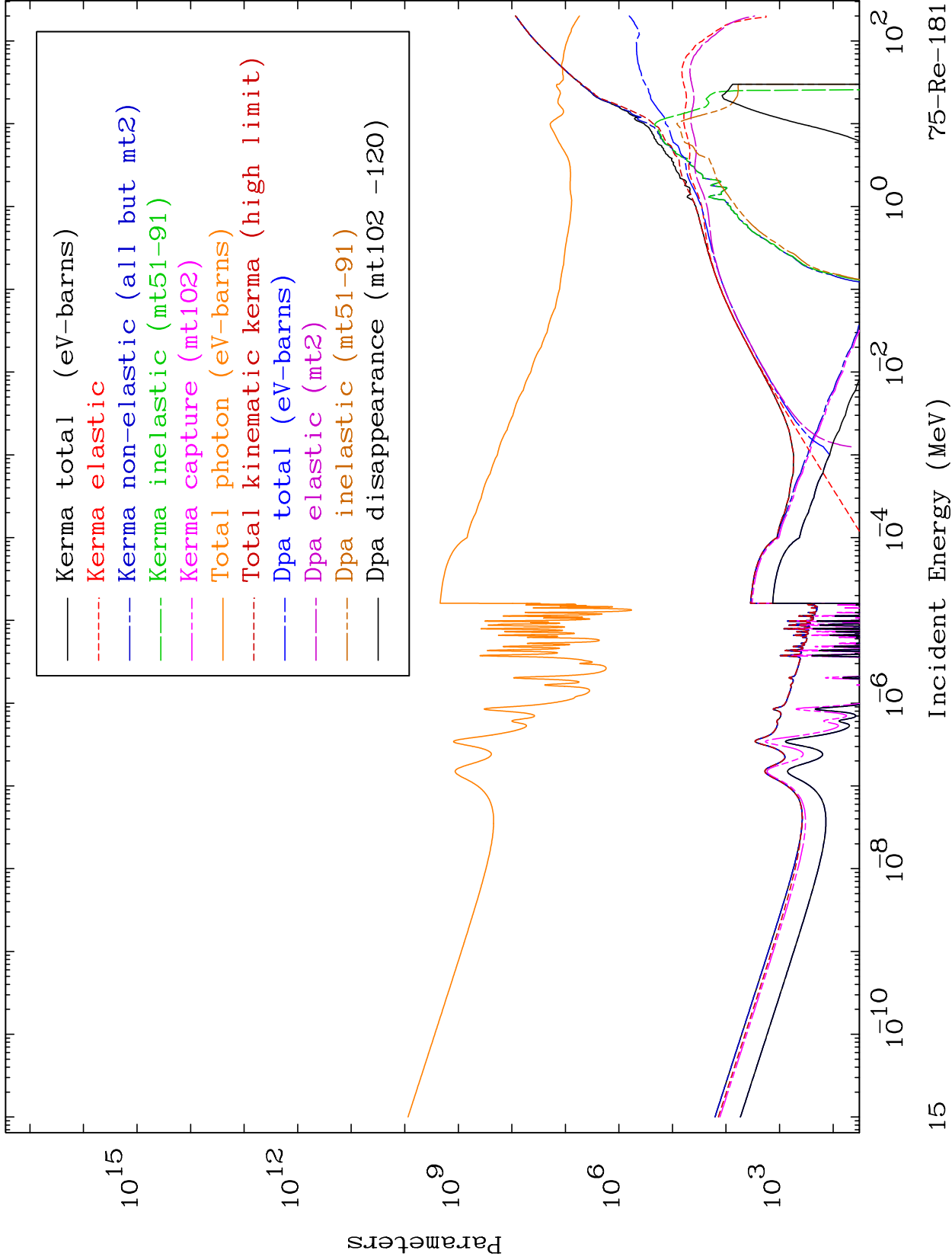
75-Re-181

MAT 7513

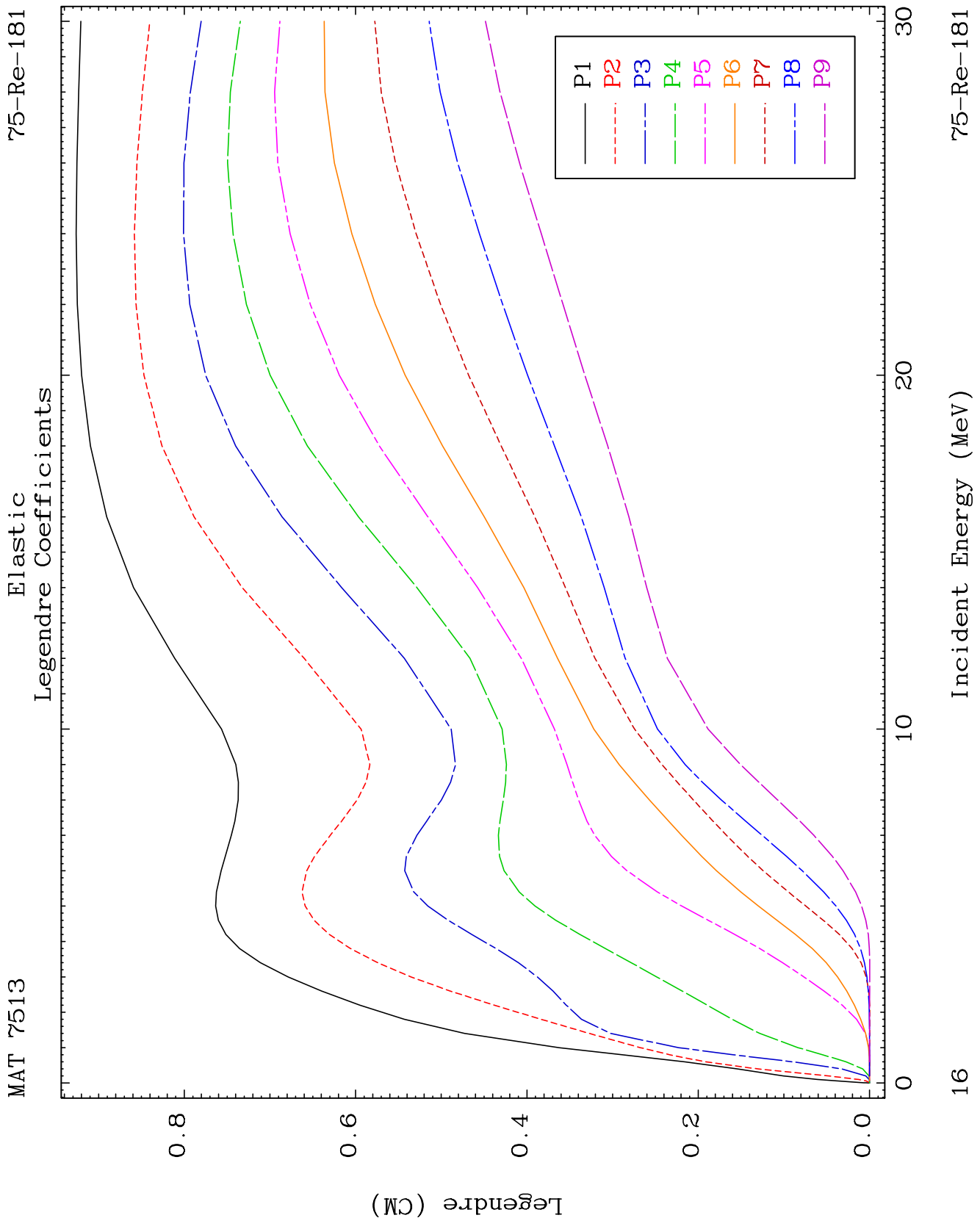
(n,α) Levels  
293 Kelvin Cross Sections

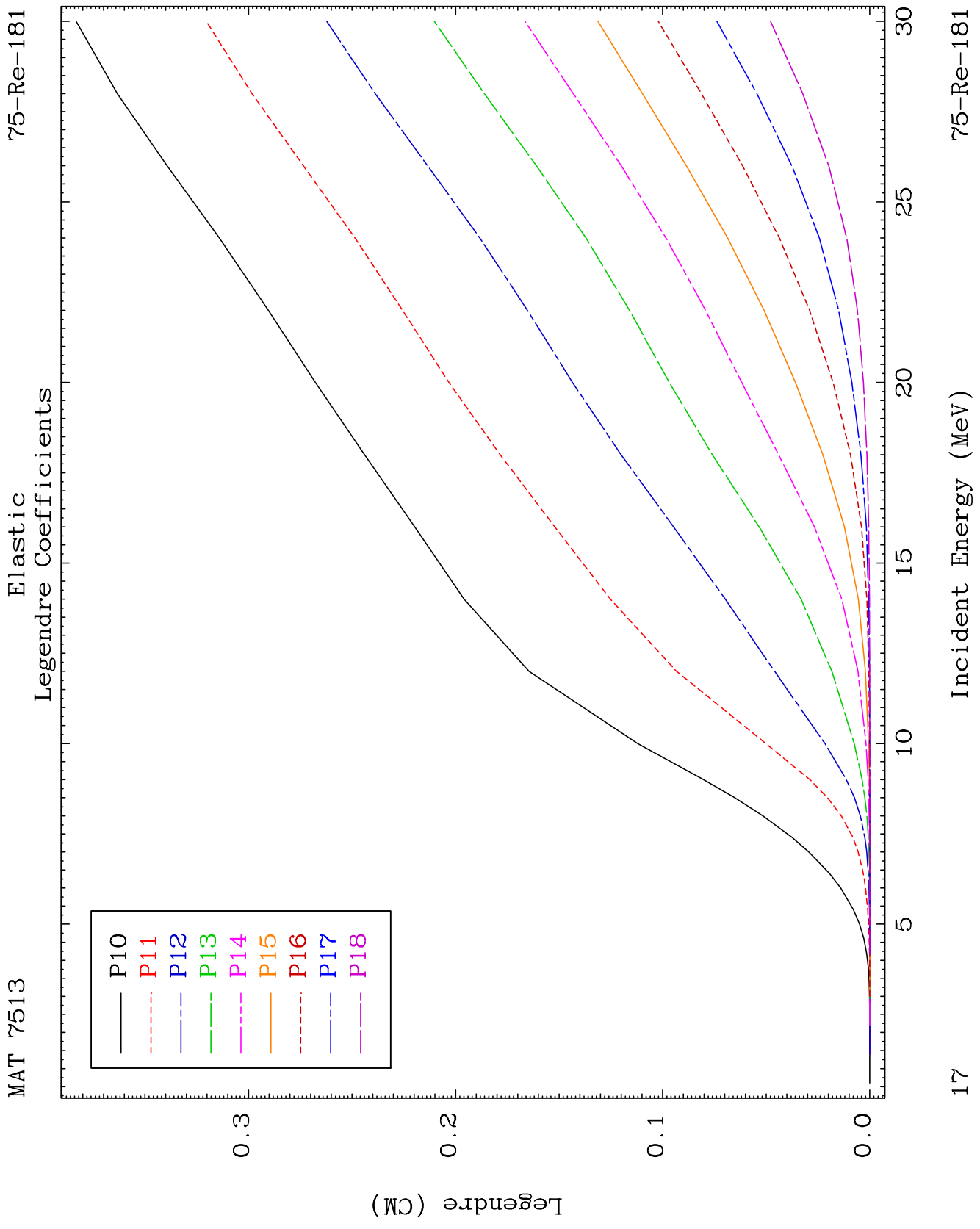
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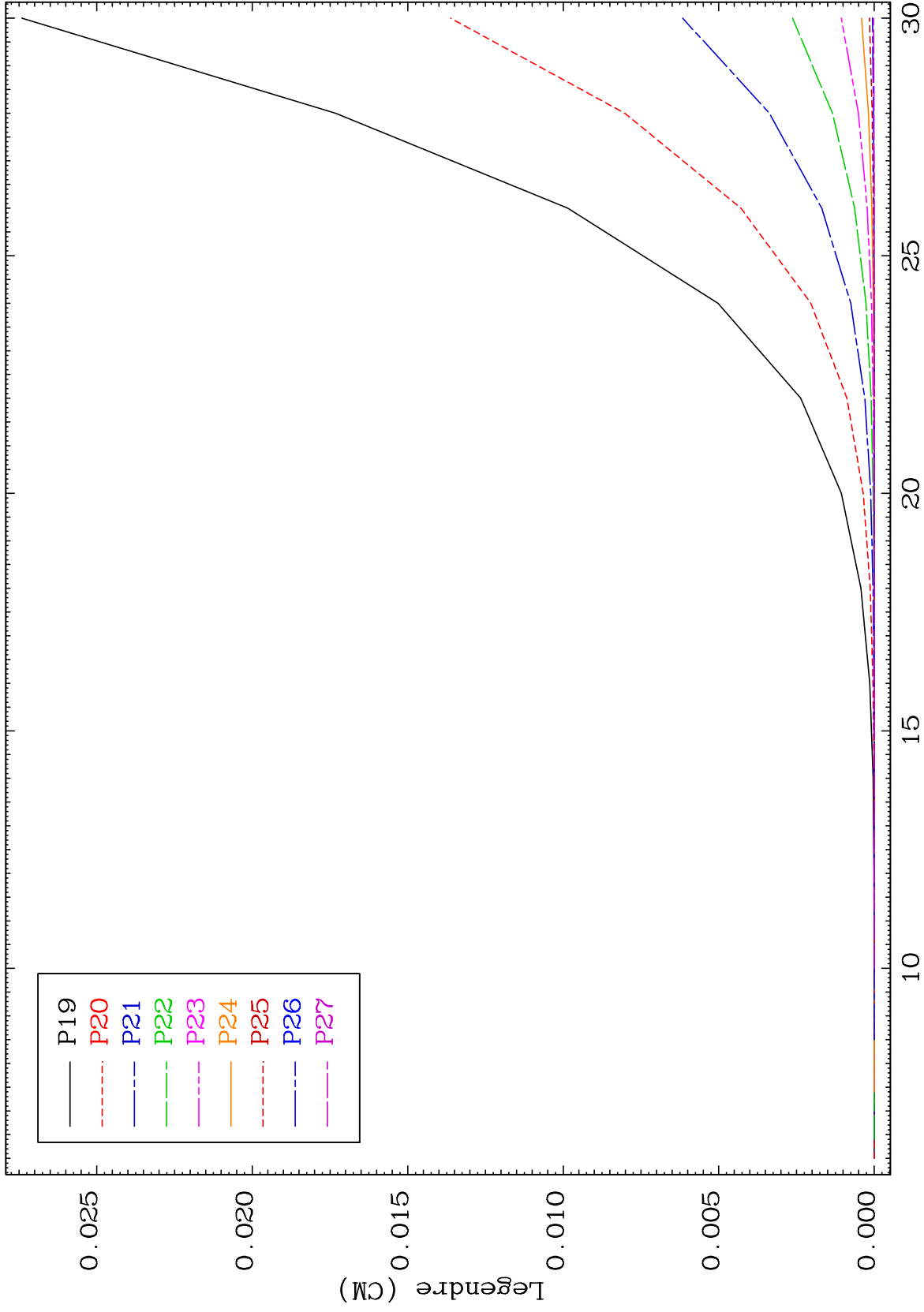




MAT 7513

Elastic Legendre Coefficients

75-Re-181



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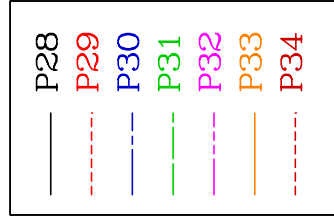
Incident Energy (MeV)

75-Re-181

MAT 7513

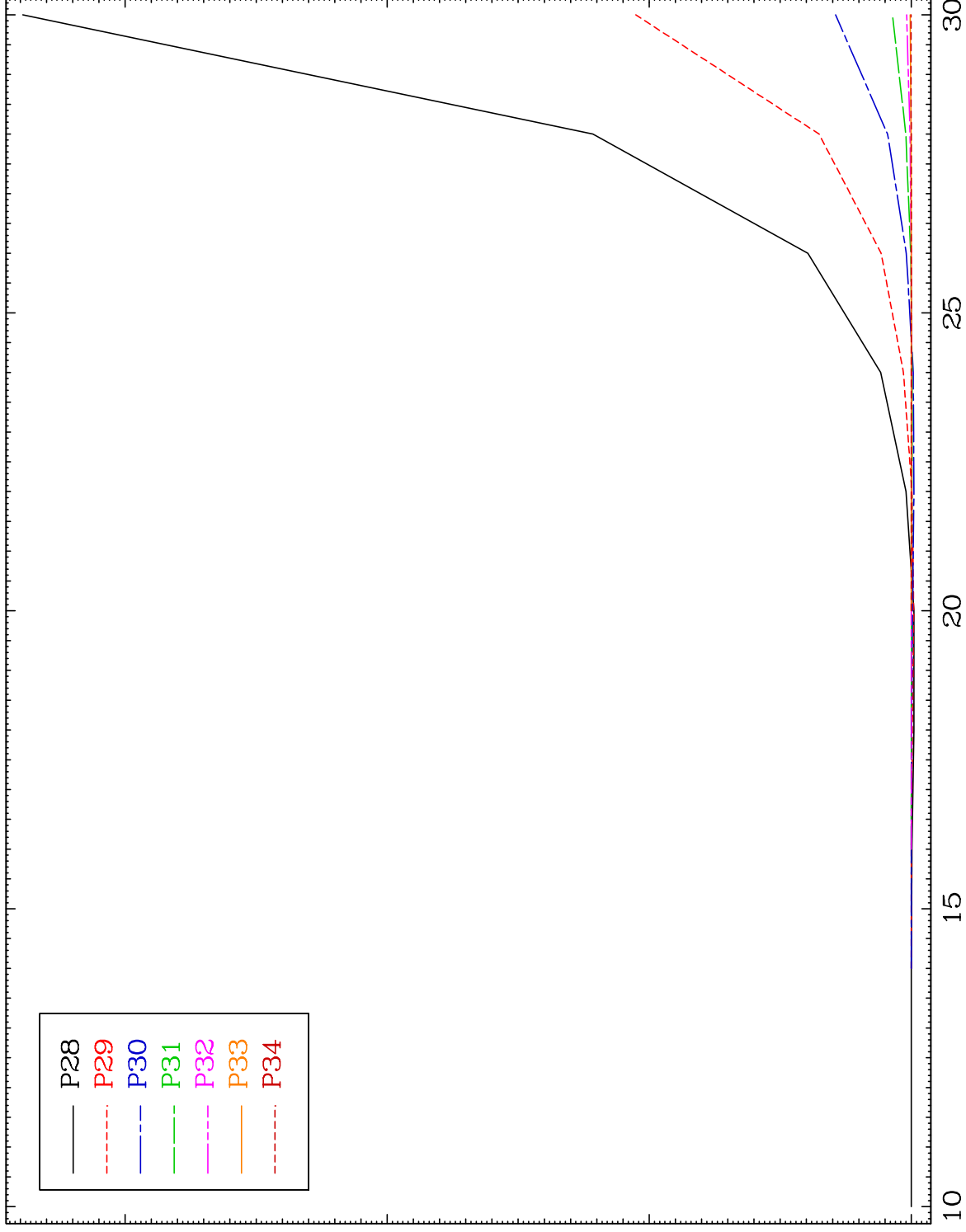
Elastic  
Legendre Coefficients

75-Re-181



$\times 10^{-6}$

Legendre (CM)



10

15

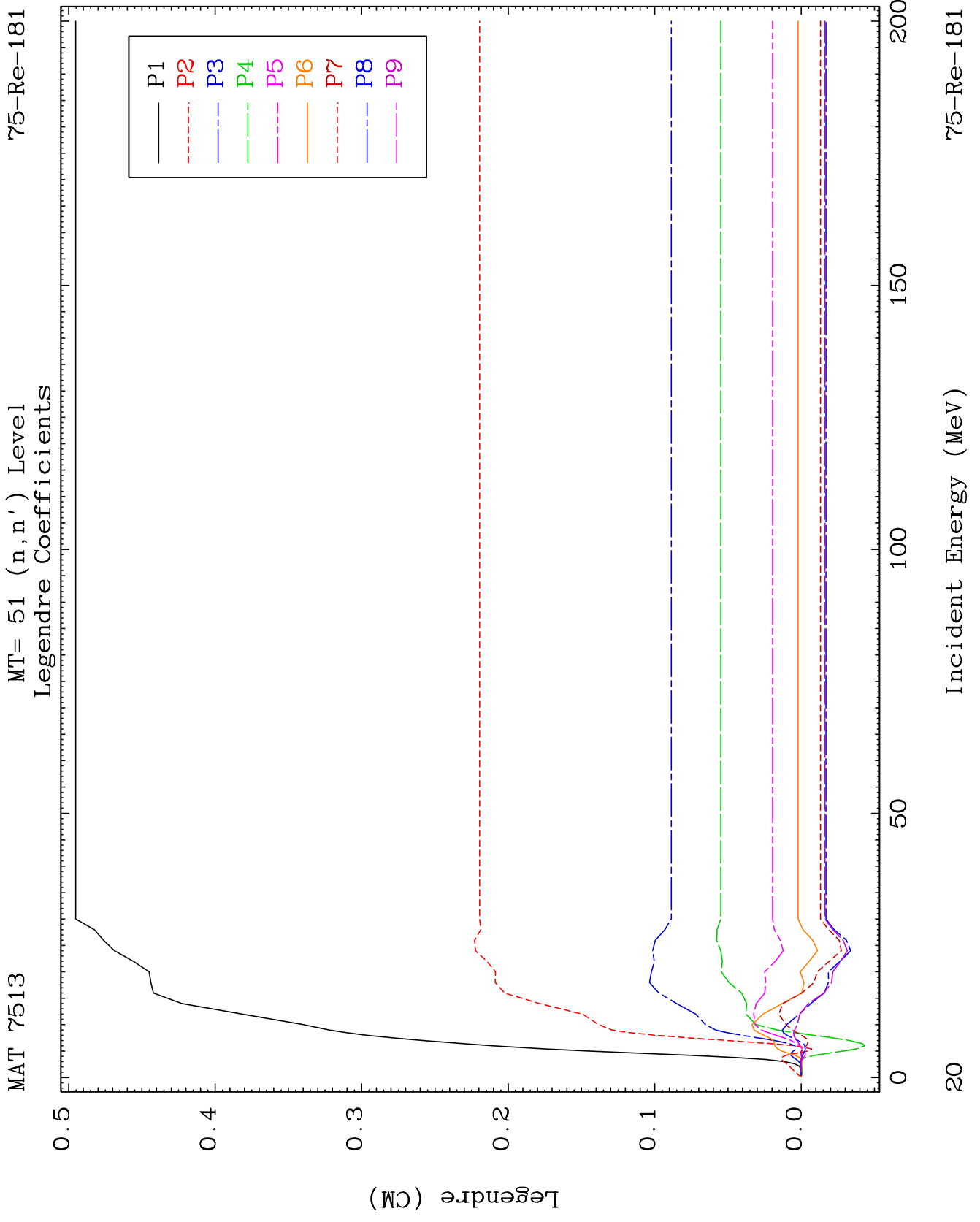
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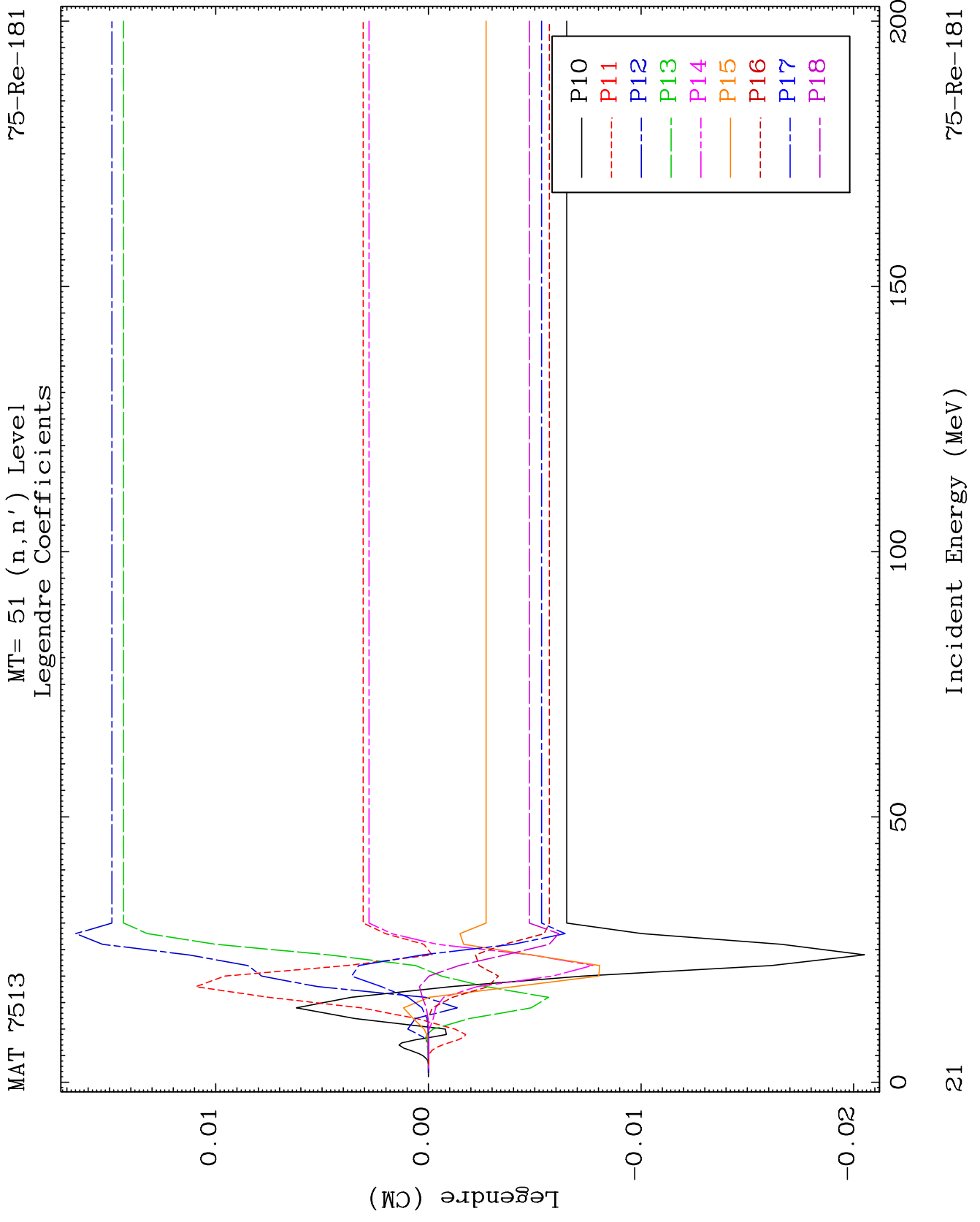
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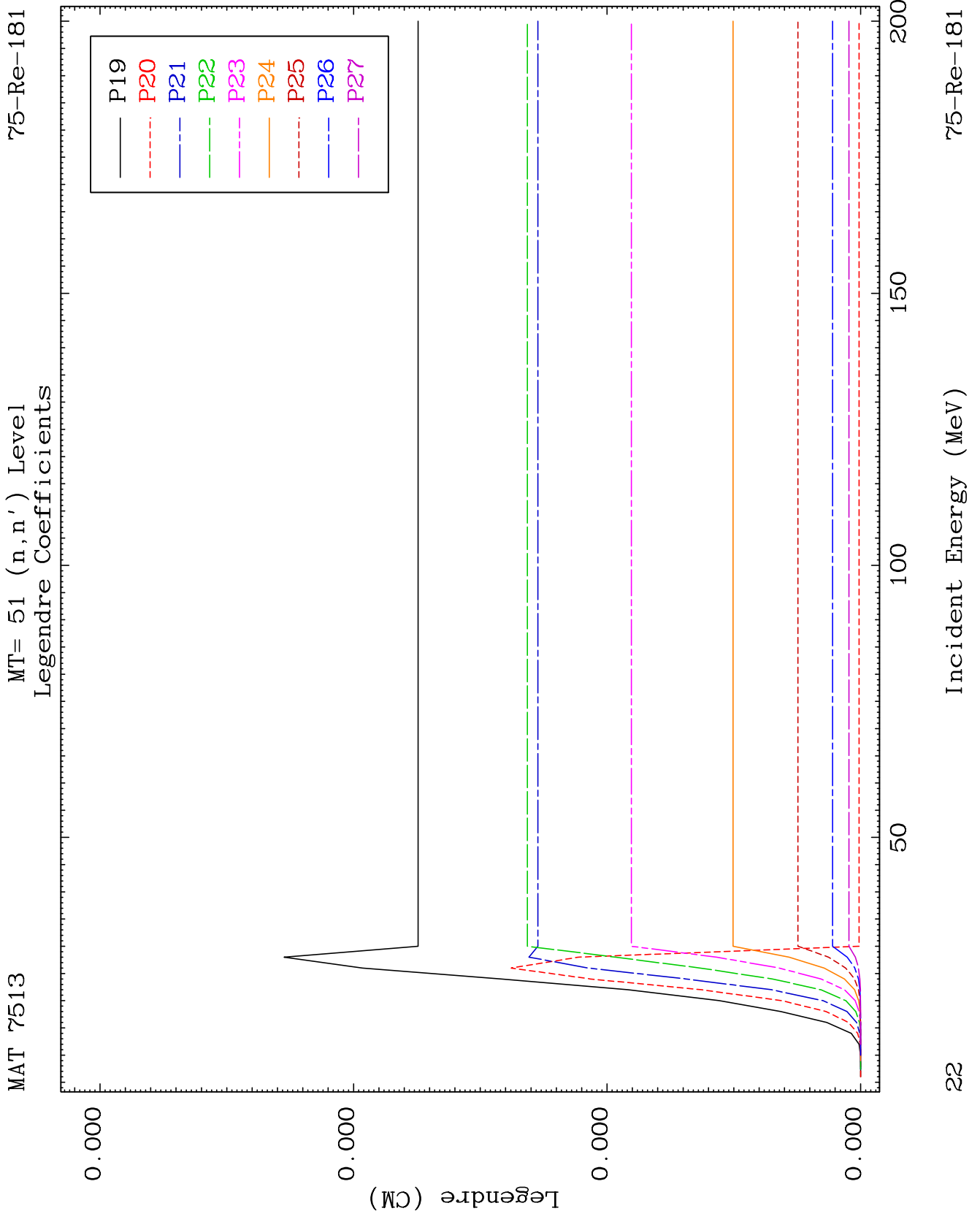
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Incident Energy (MeV)

75-Re-181



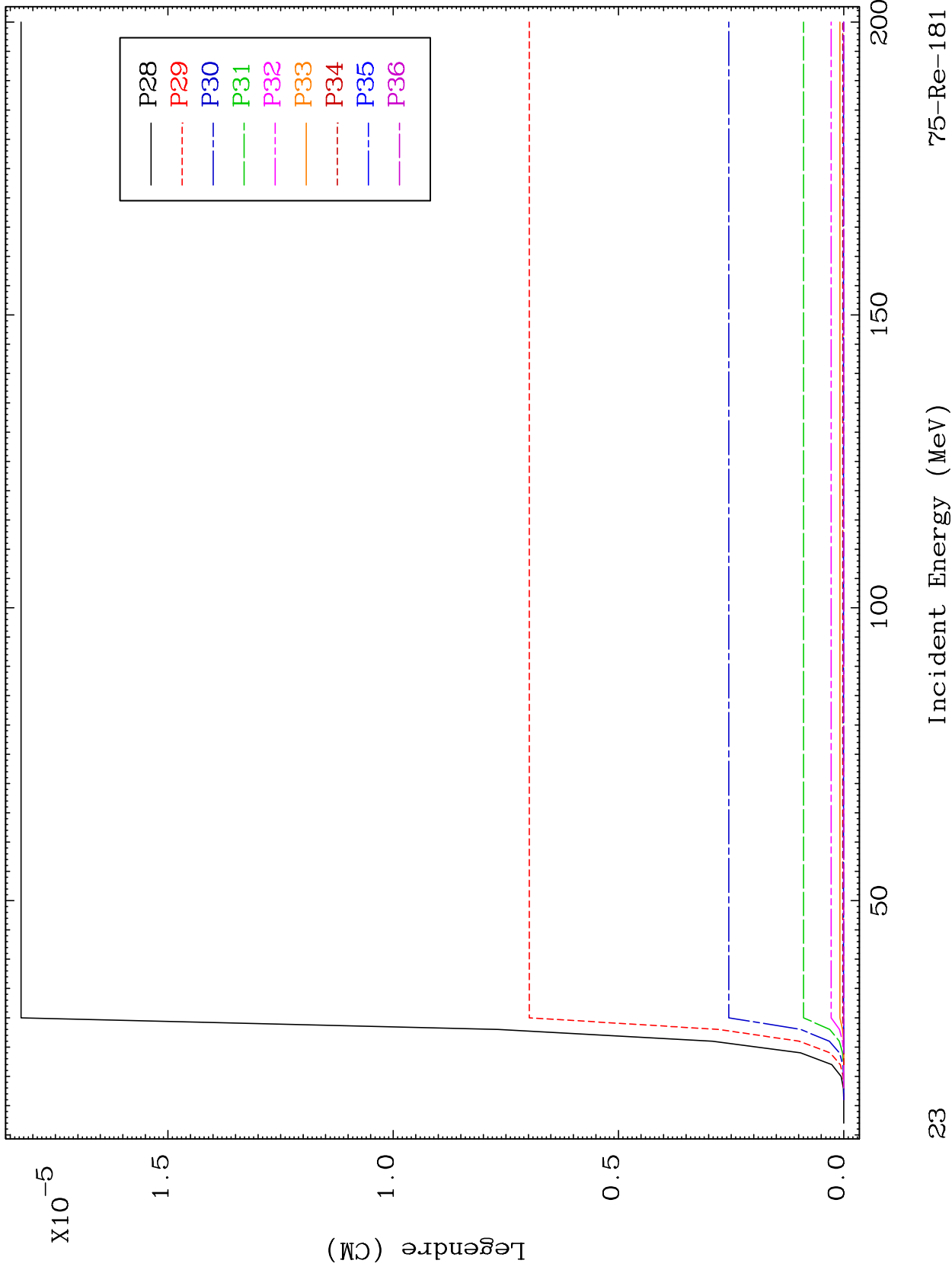




MAT 7513

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

75-Re-181



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Incident Energy (MeV)

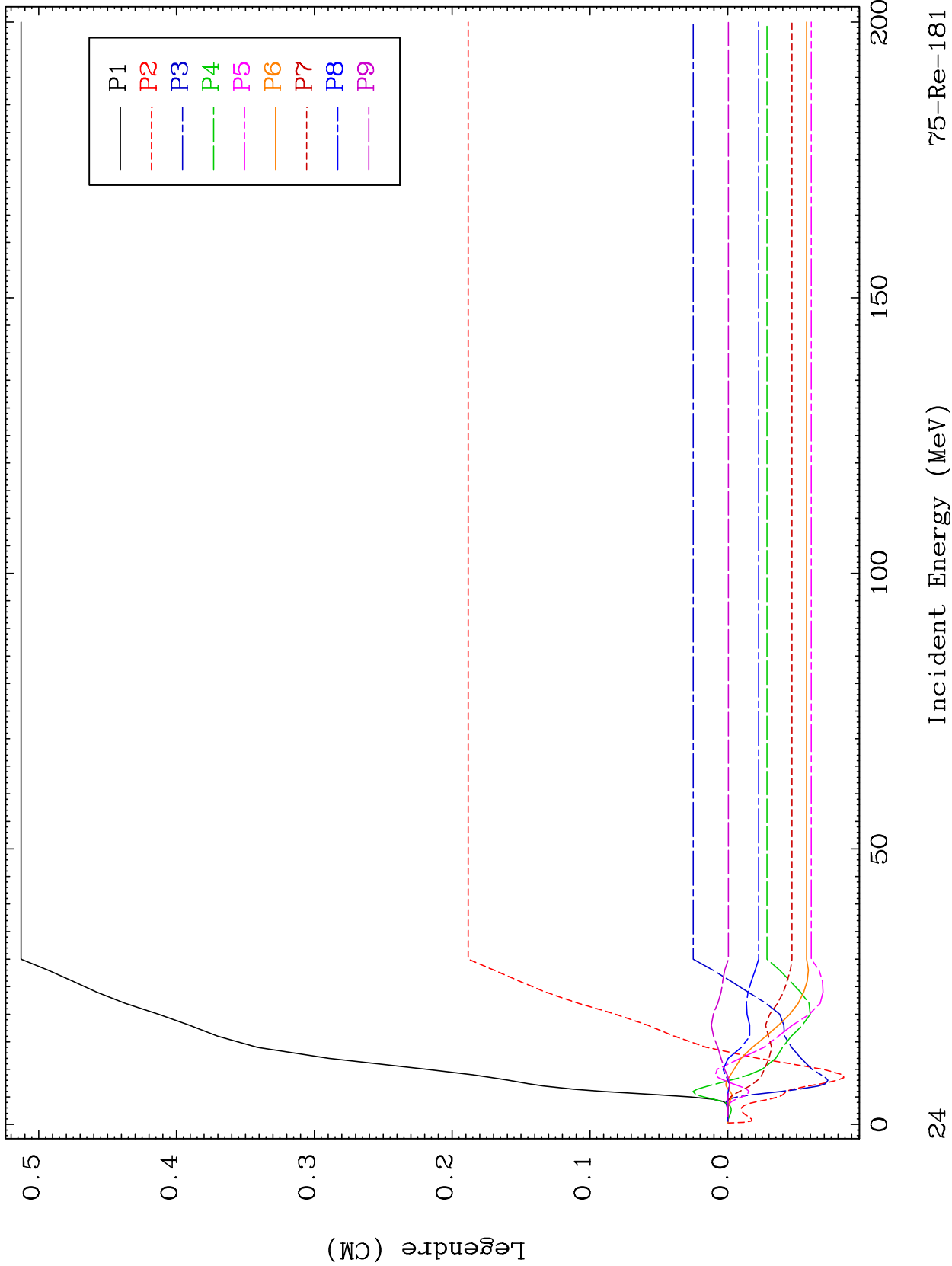
75-Re-181



MAT 7513

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

75-Re-181

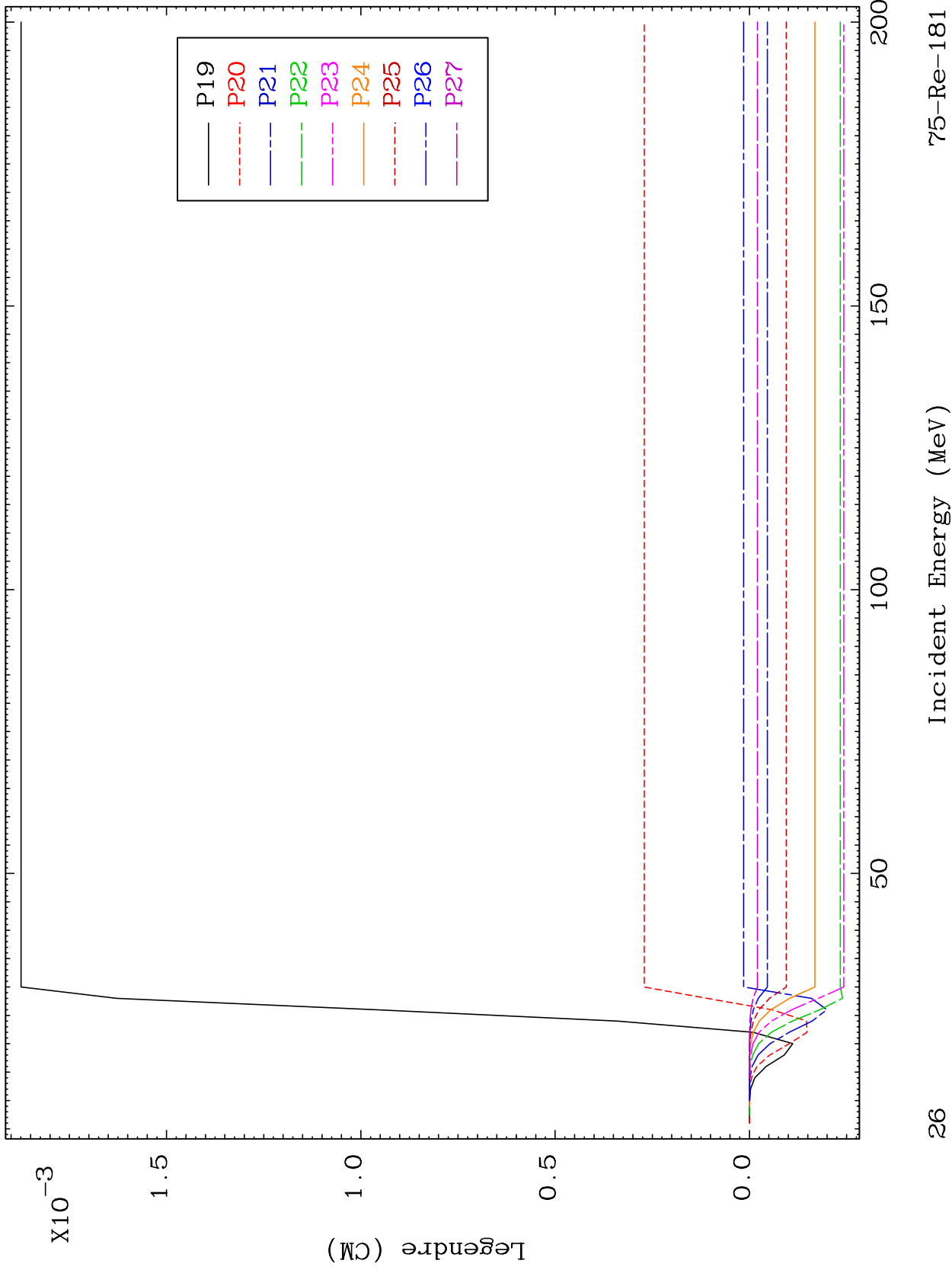


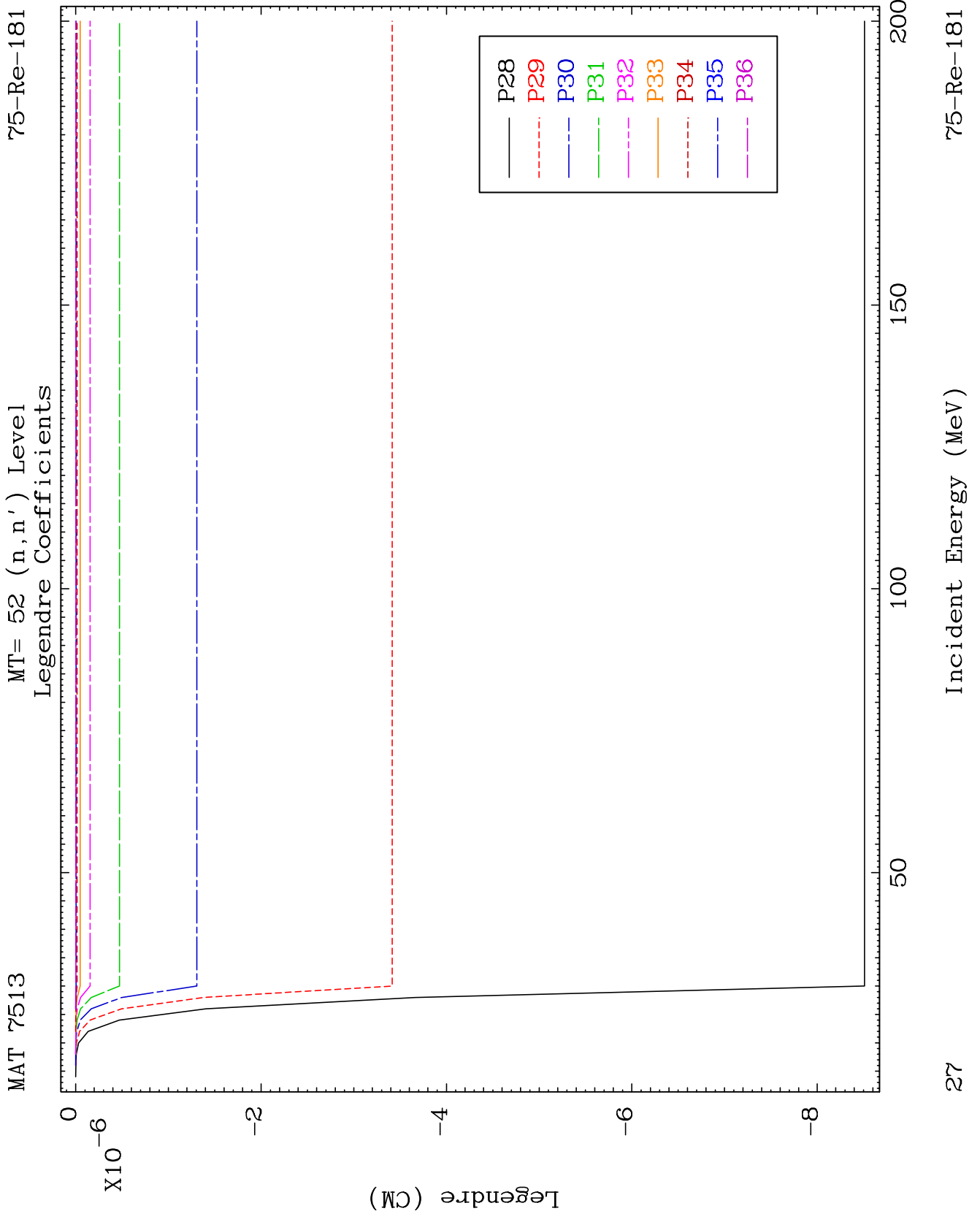
24

Incident Energy (MeV)

75-Re-181



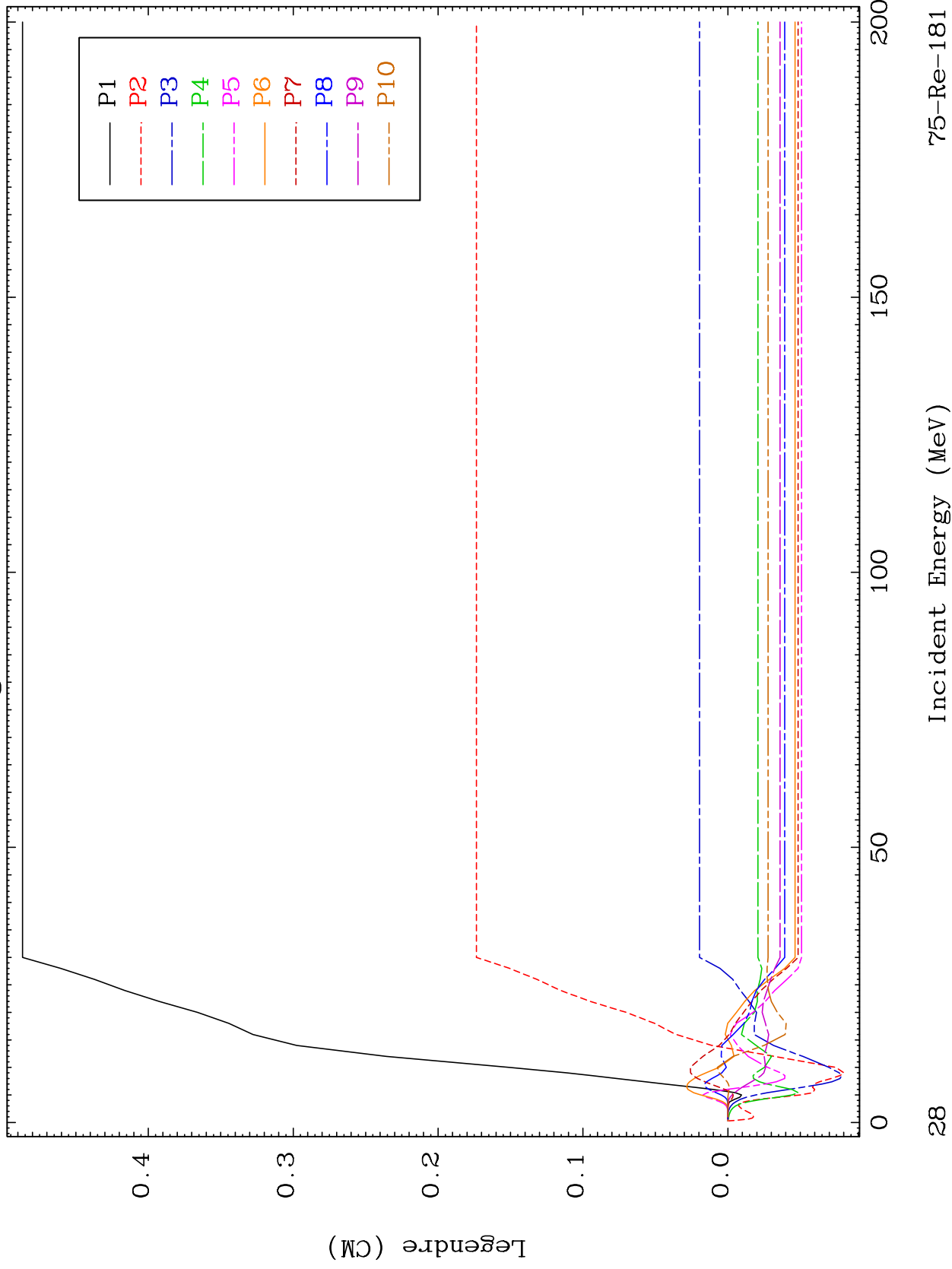




MAT 7513

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

75-Re-181



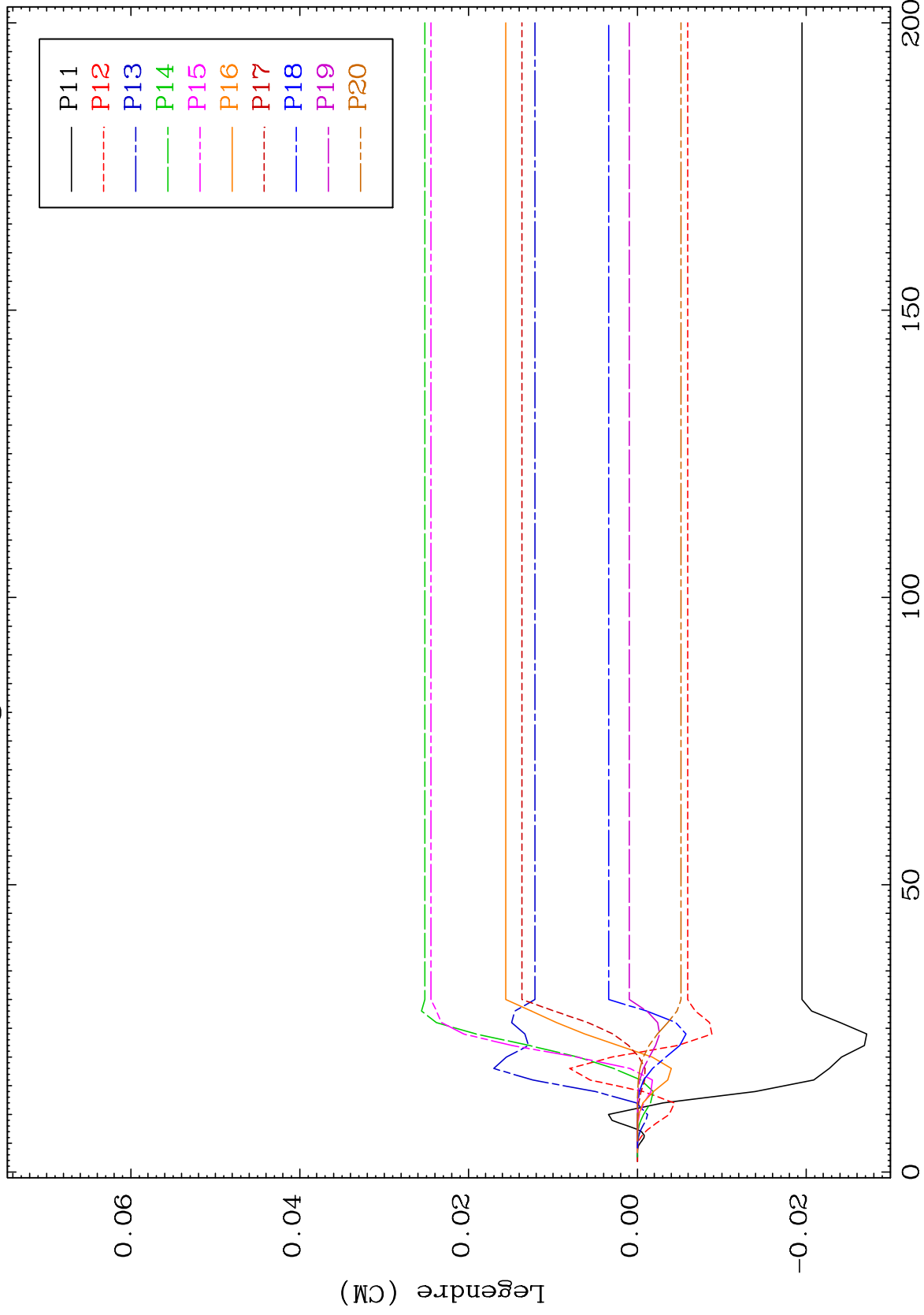
28

75-Re-181

MAT 7513

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

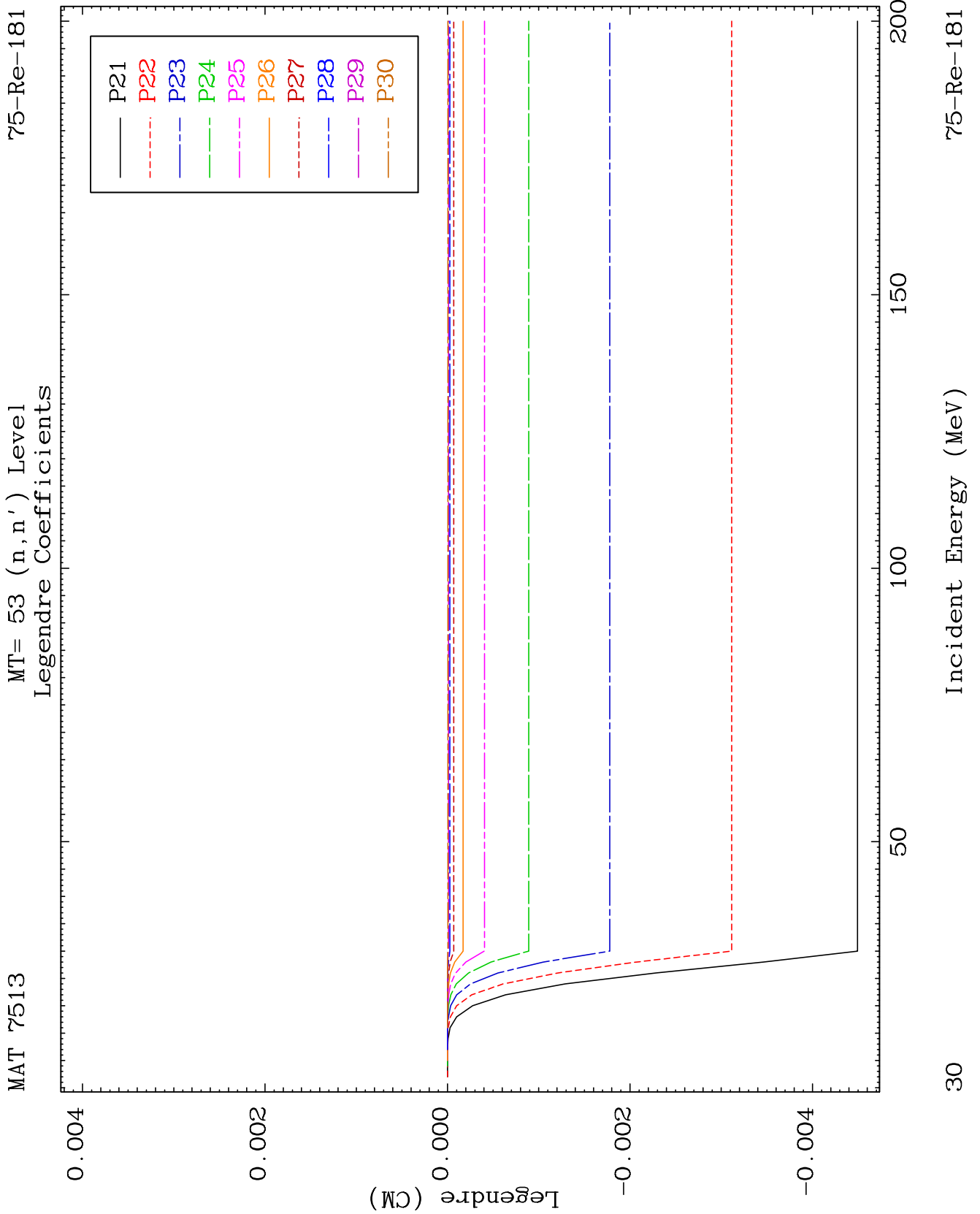
75-Re-181

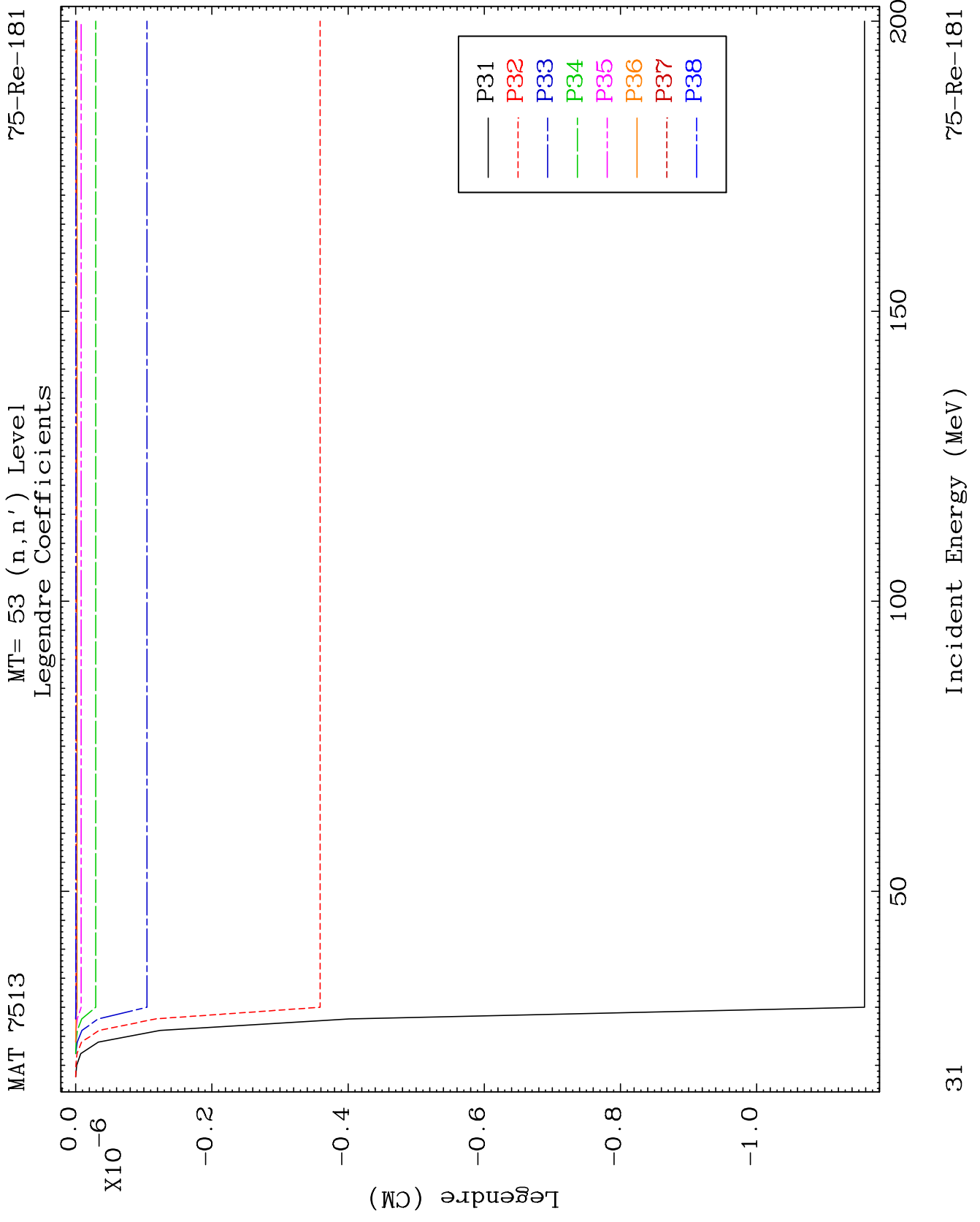


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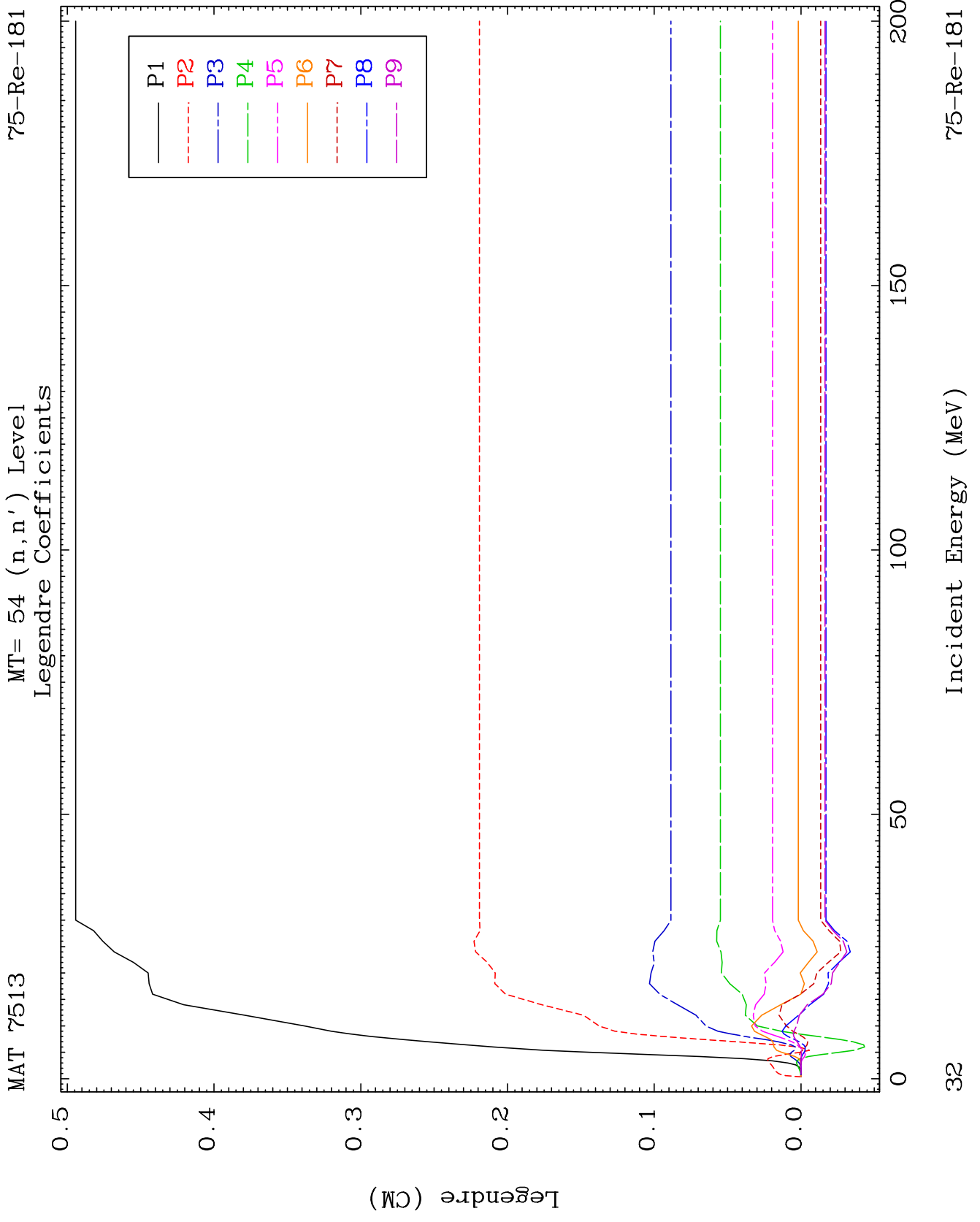
Incident Energy (MeV)

75-Re-181







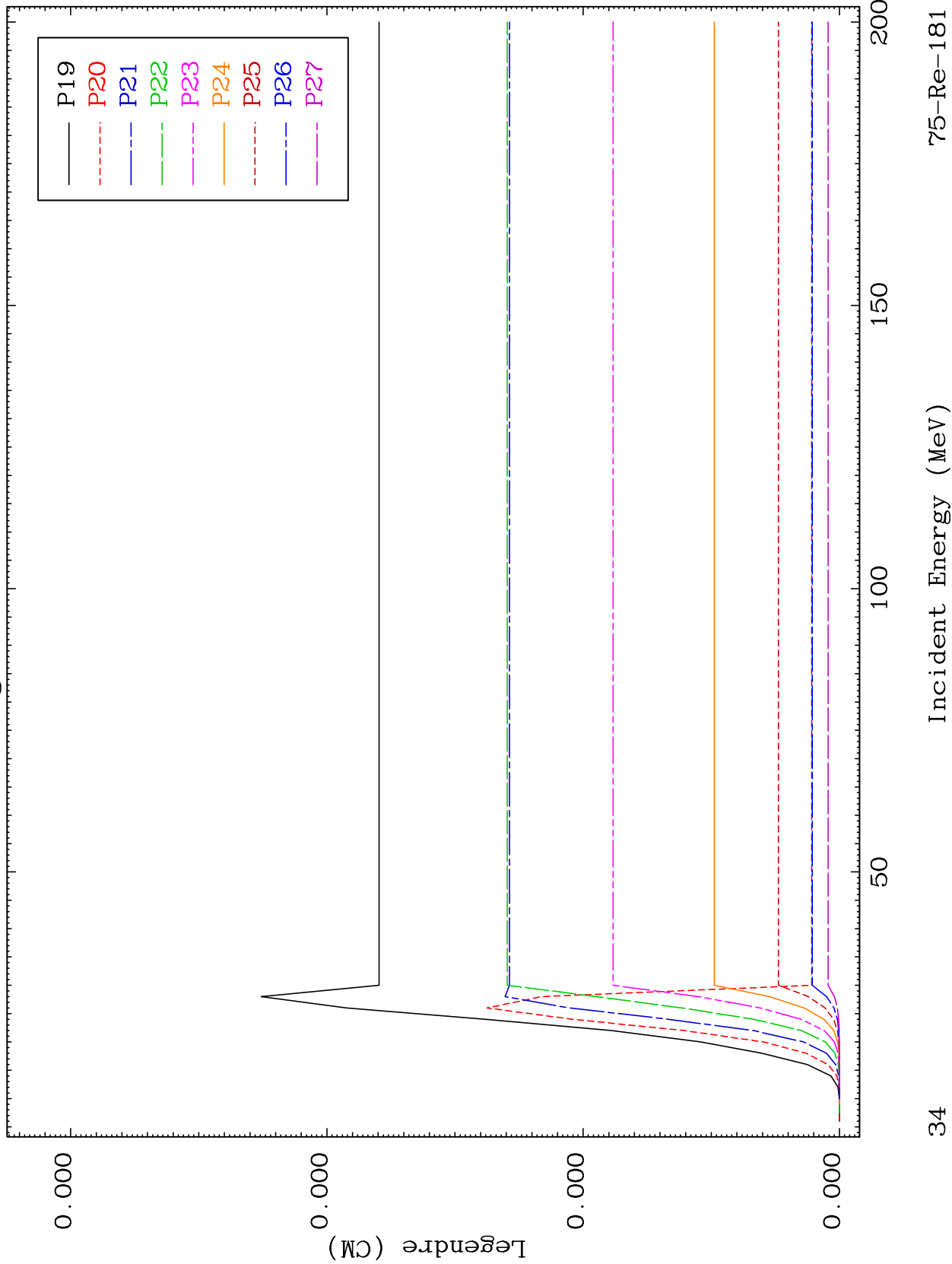




MAT 7513

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

75-Re-181



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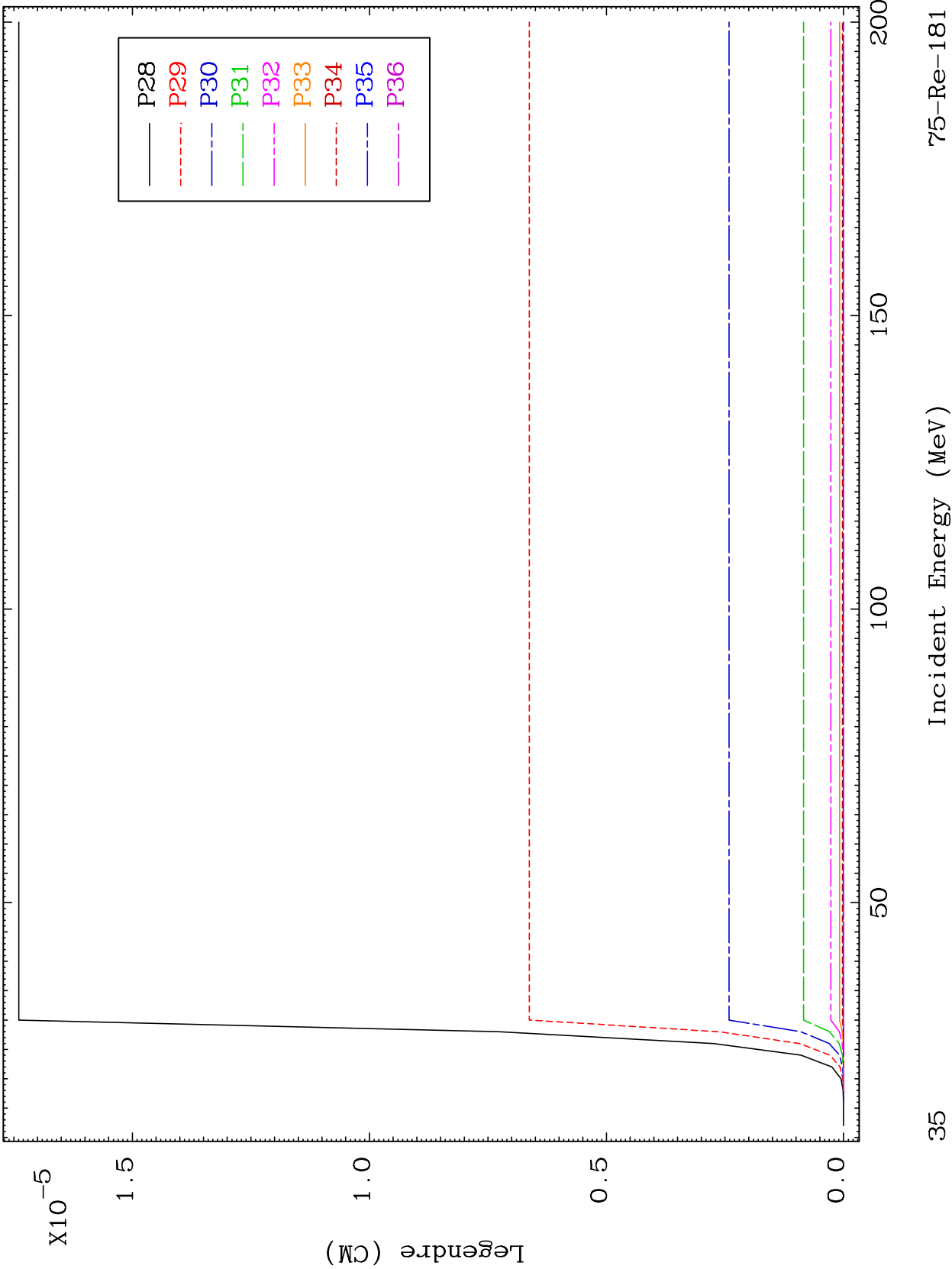
Incident Energy (MeV)

75-Re-181

MAT 7513

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

75-Re-181



35

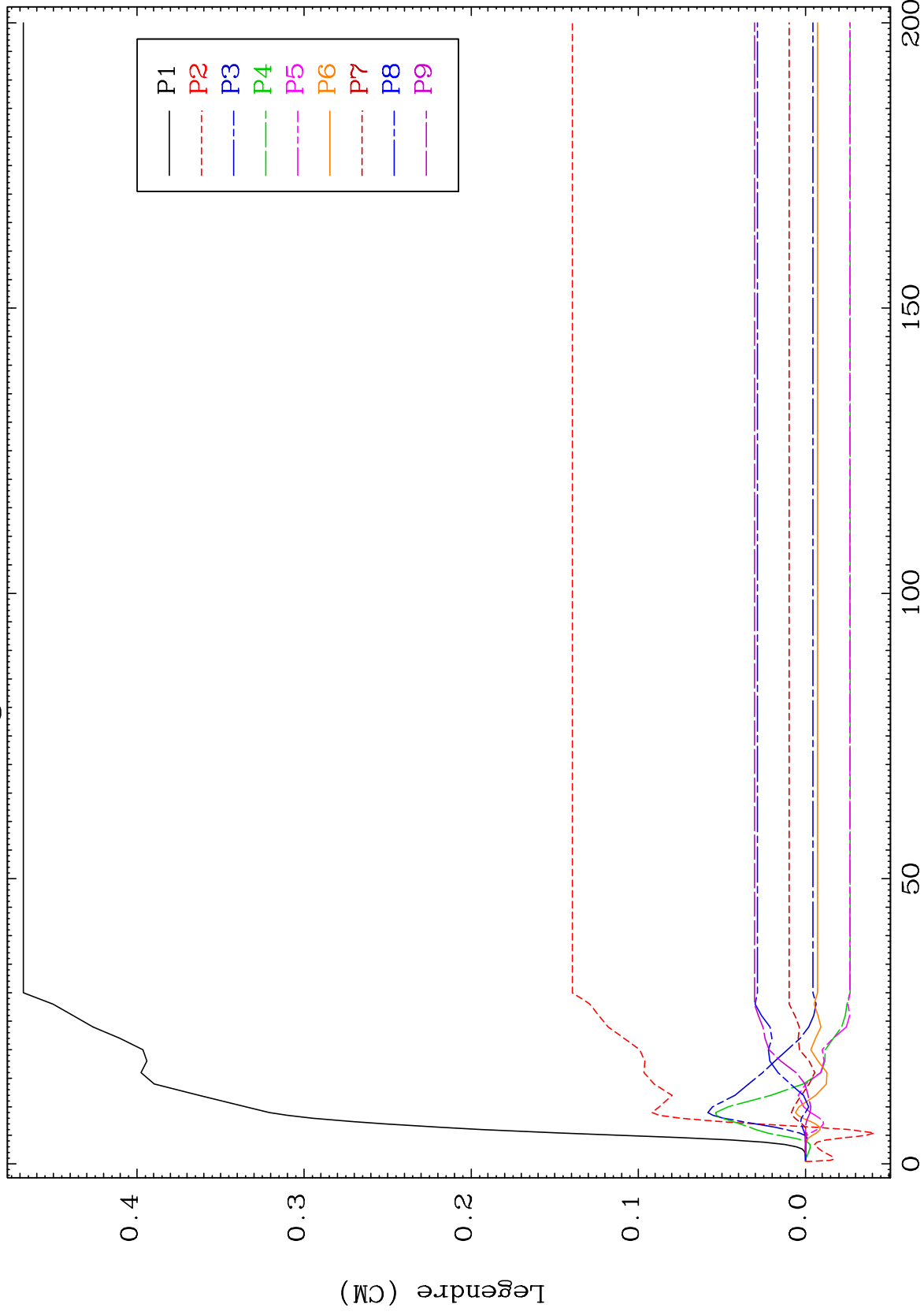
Incident Energy (MeV)

75-Re-181

MAT 7513

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

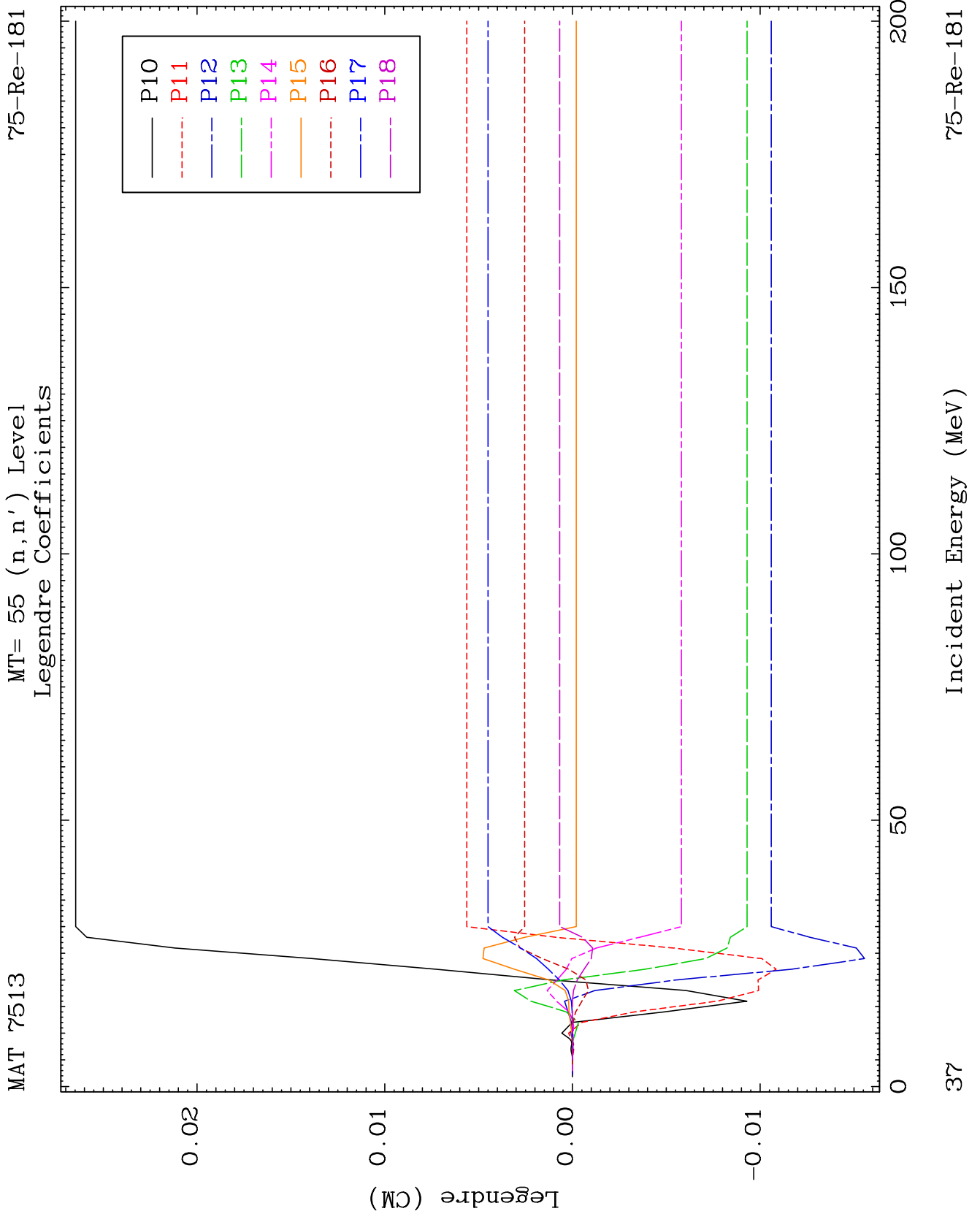
75-Re-181



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Incident Energy (MeV)

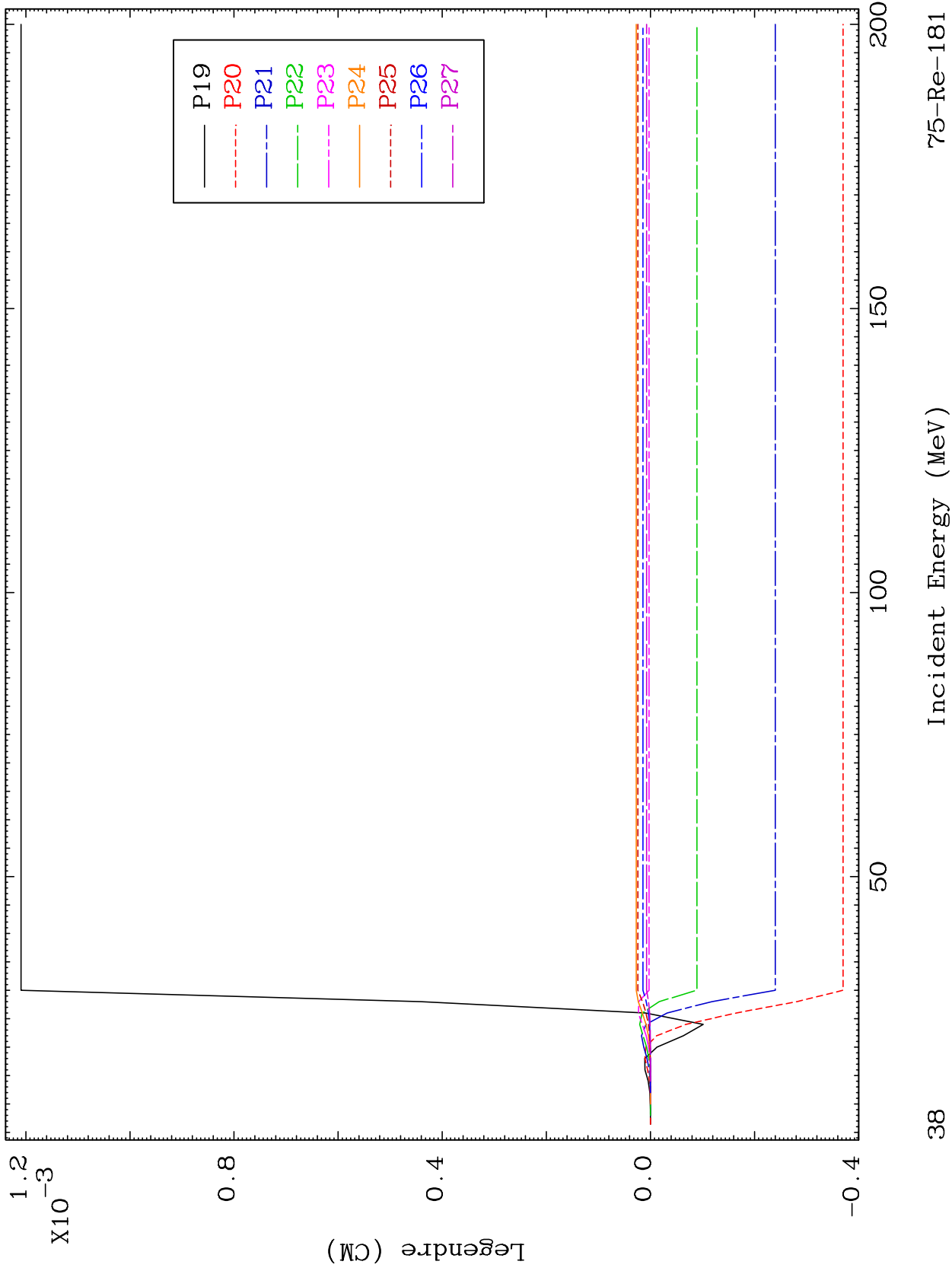
75-Re-181



MAT 7513

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

75-Re-181



38

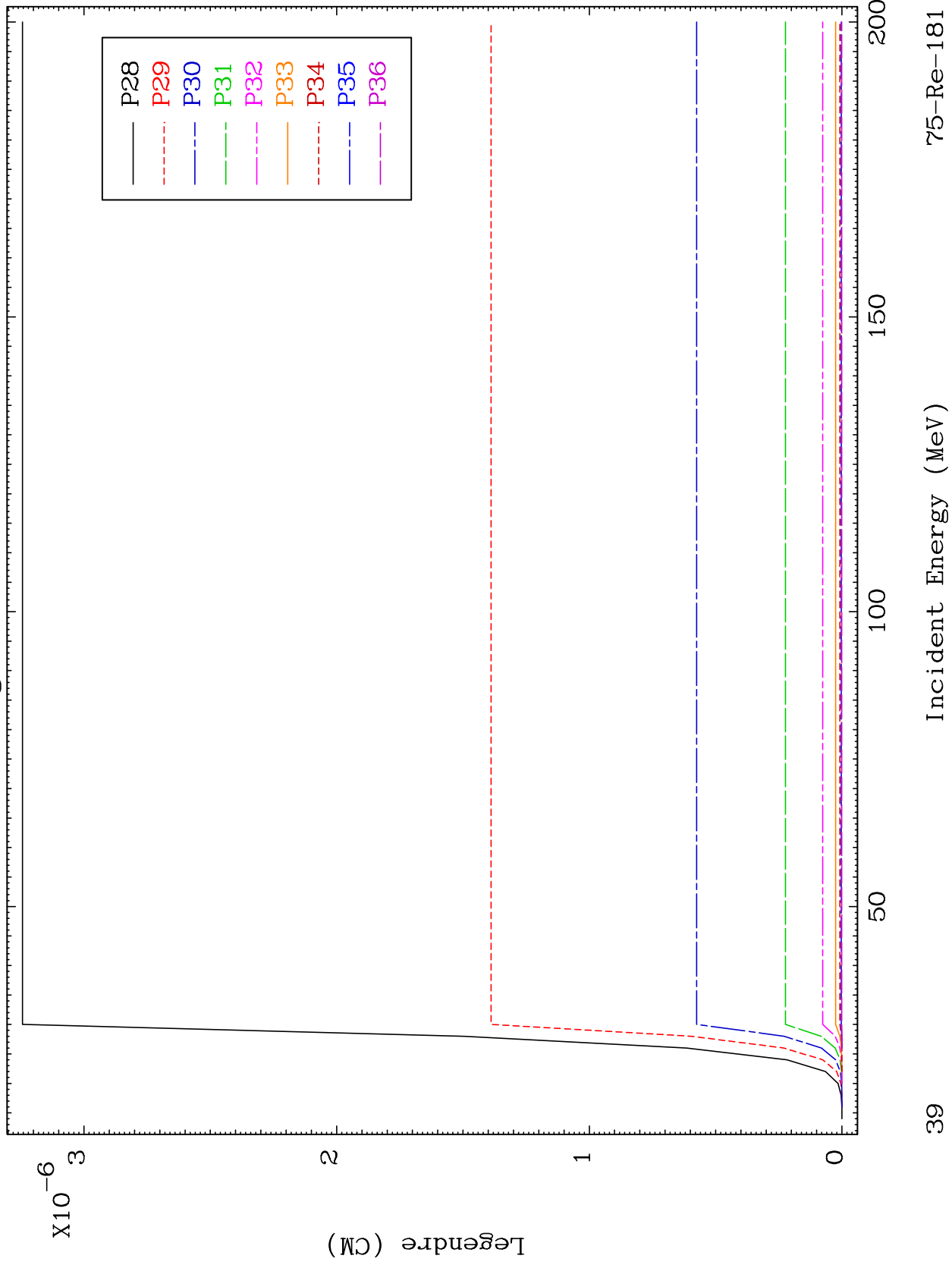
Incident Energy (MeV)

75-Re-181

MAT 7513

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

75-Re-181



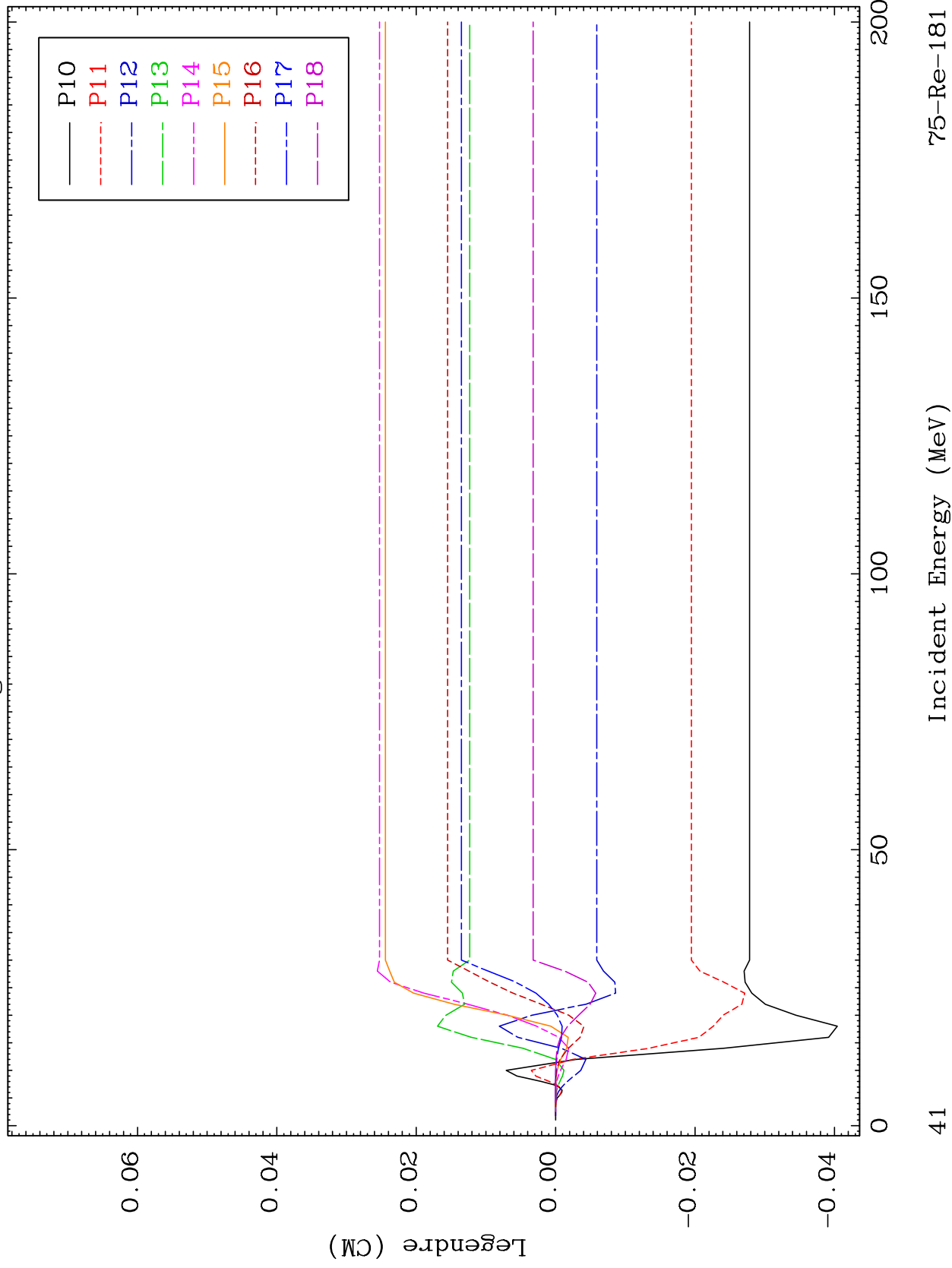




MAT 7513

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

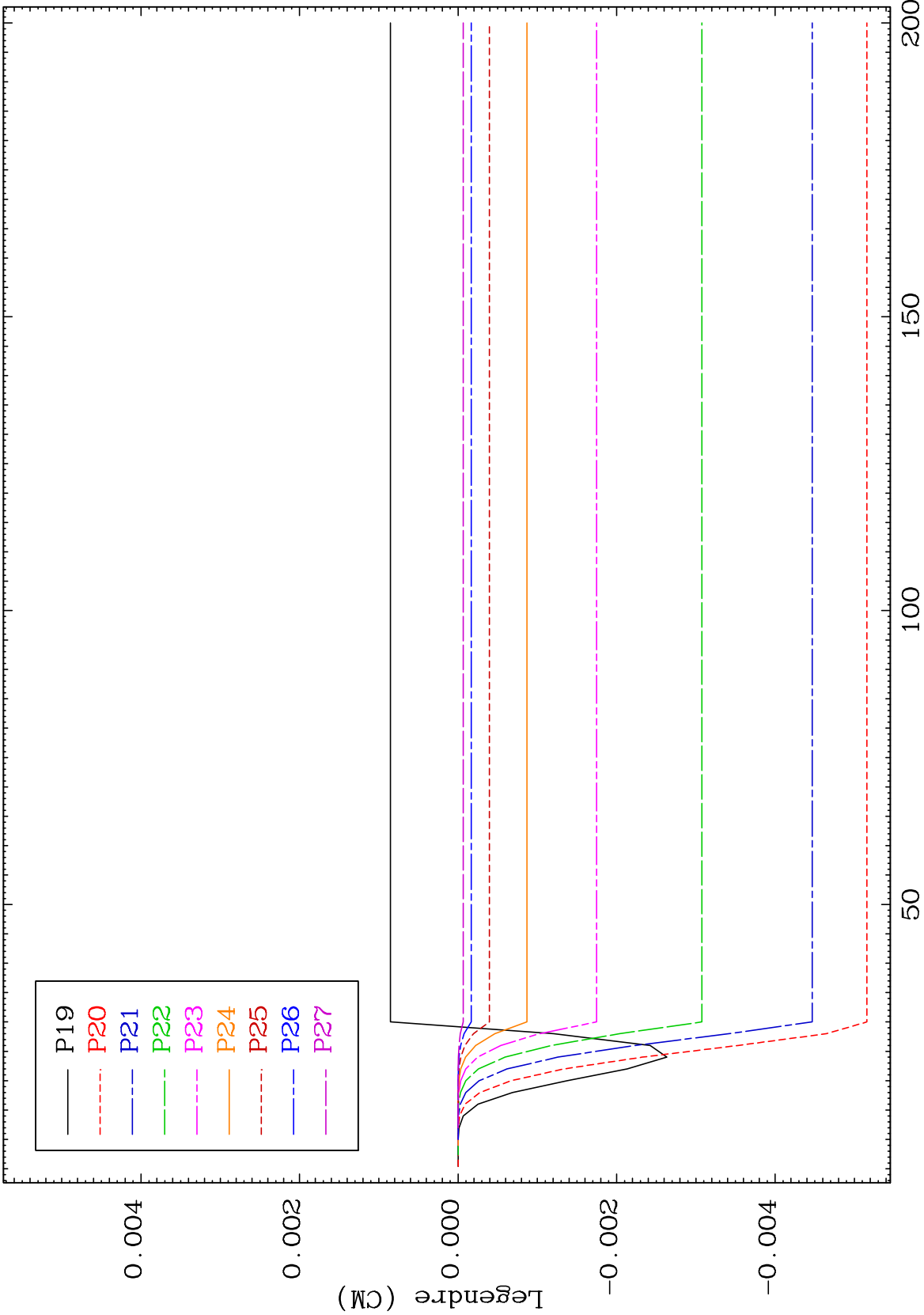
75-Re-181

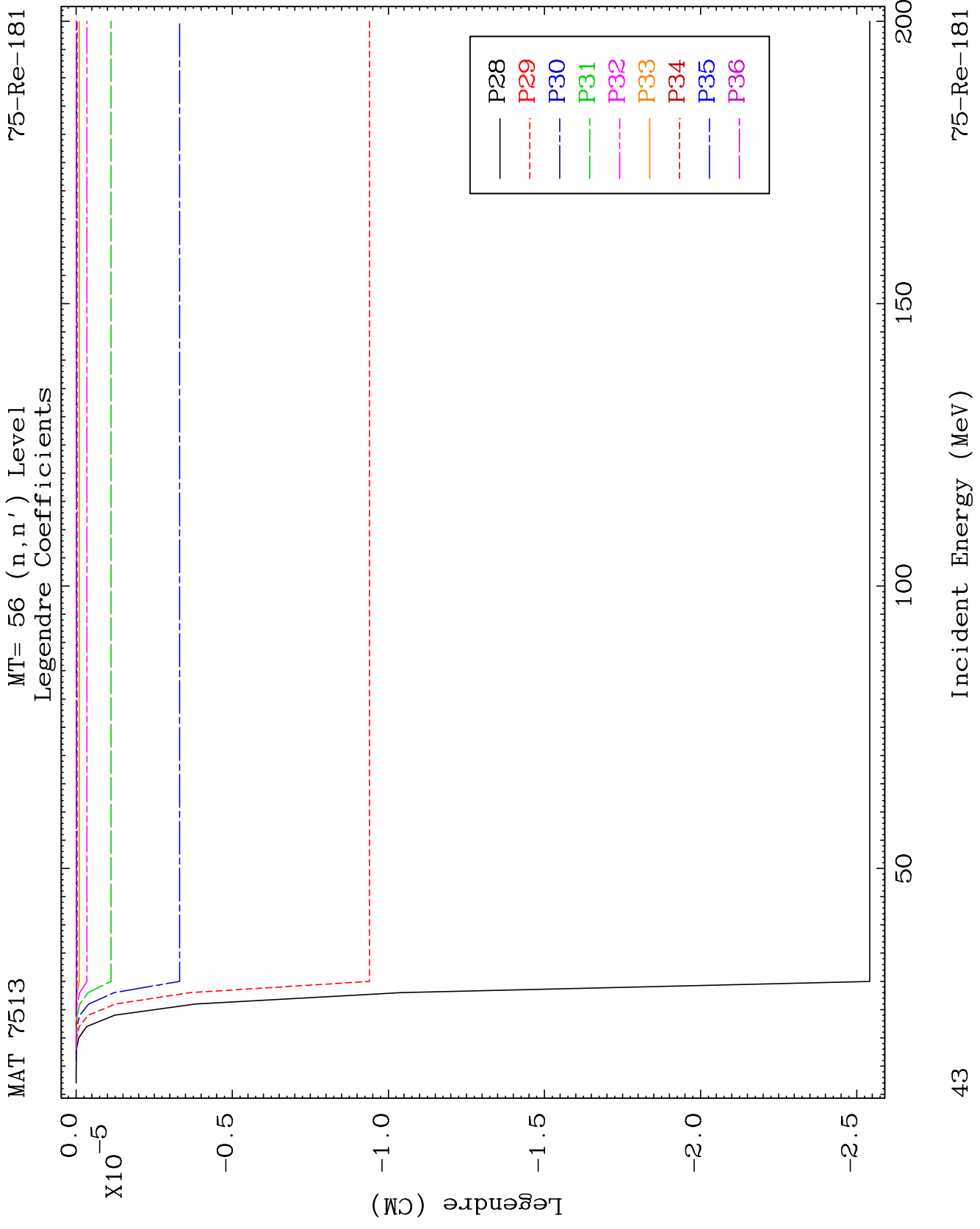


MAT 7513

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

75-Re-181

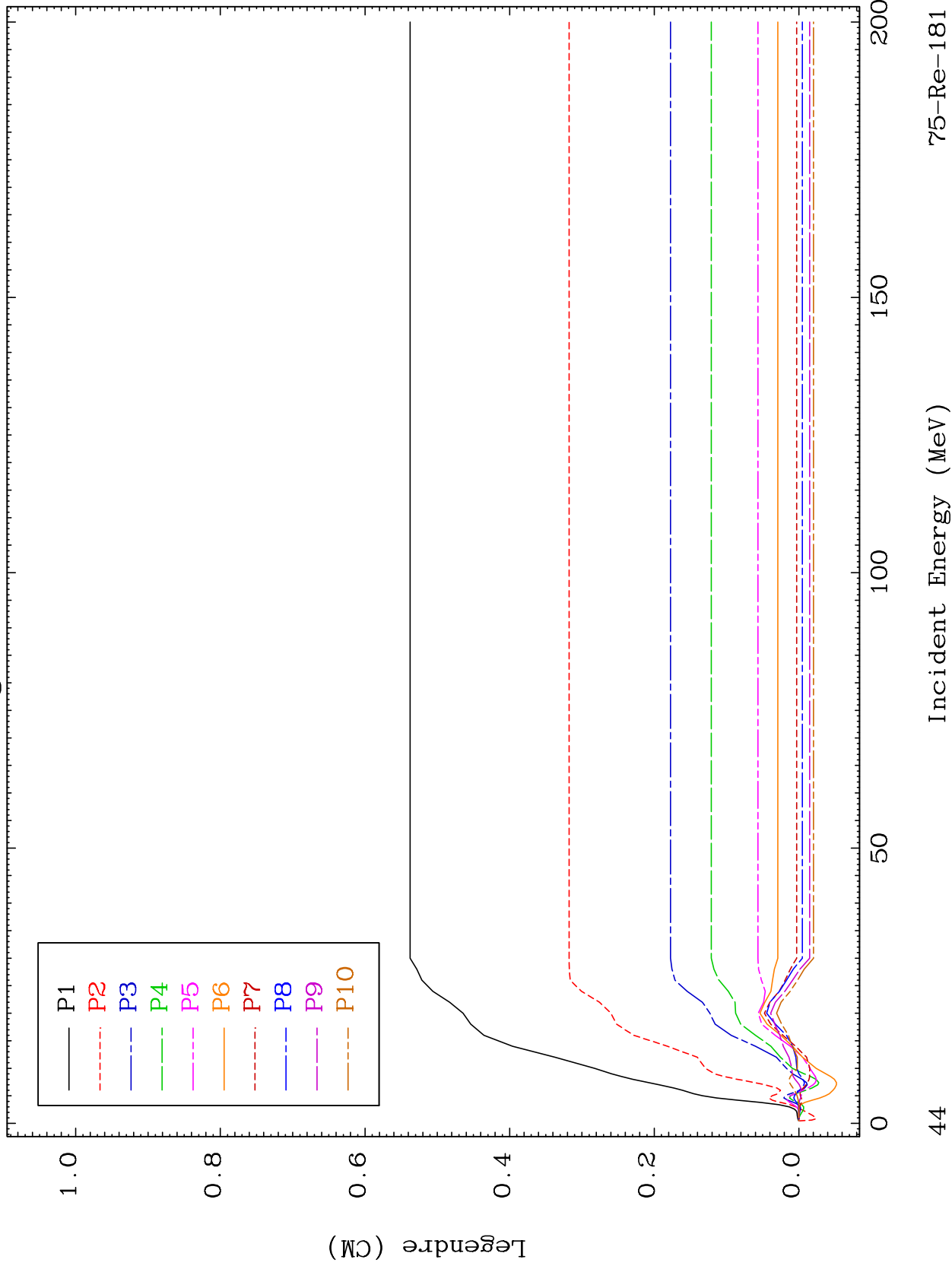




MAT 7513

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

75-Re-181



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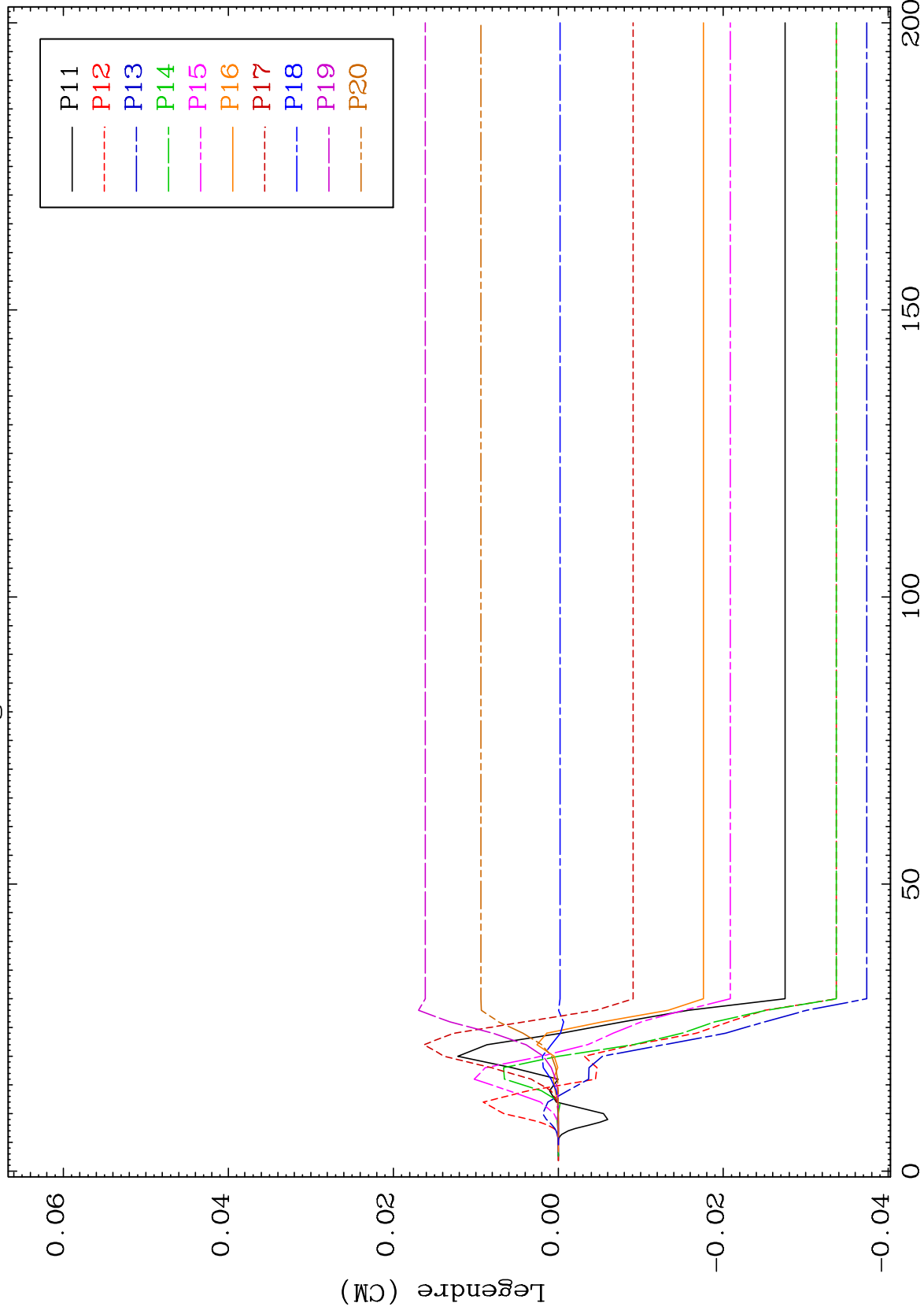
Incident Energy (MeV)

75-Re-181

MAT 7513

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

75-Re-181



45

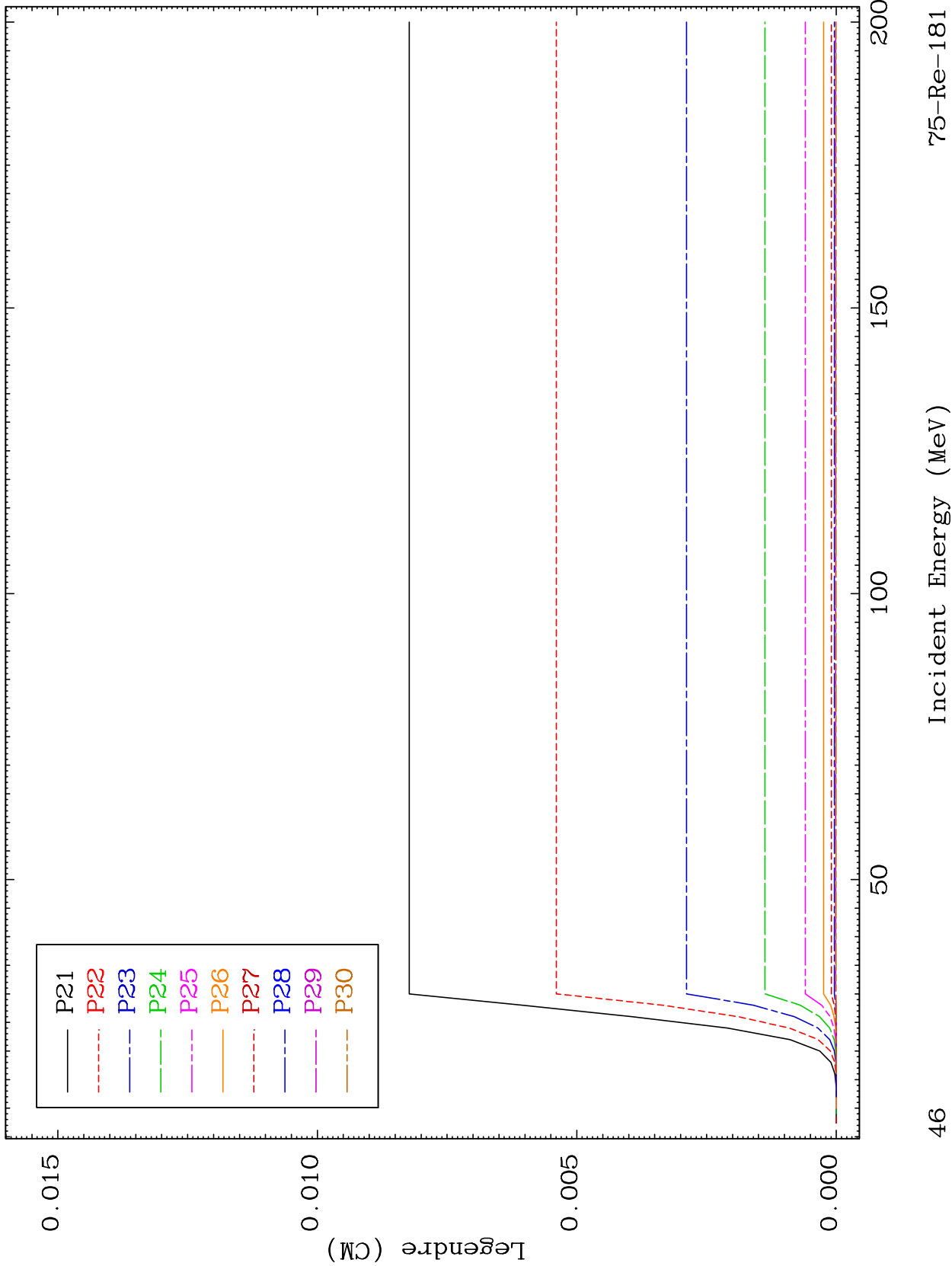
Incident Energy (MeV)

75-Re-181

MAT 7513

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

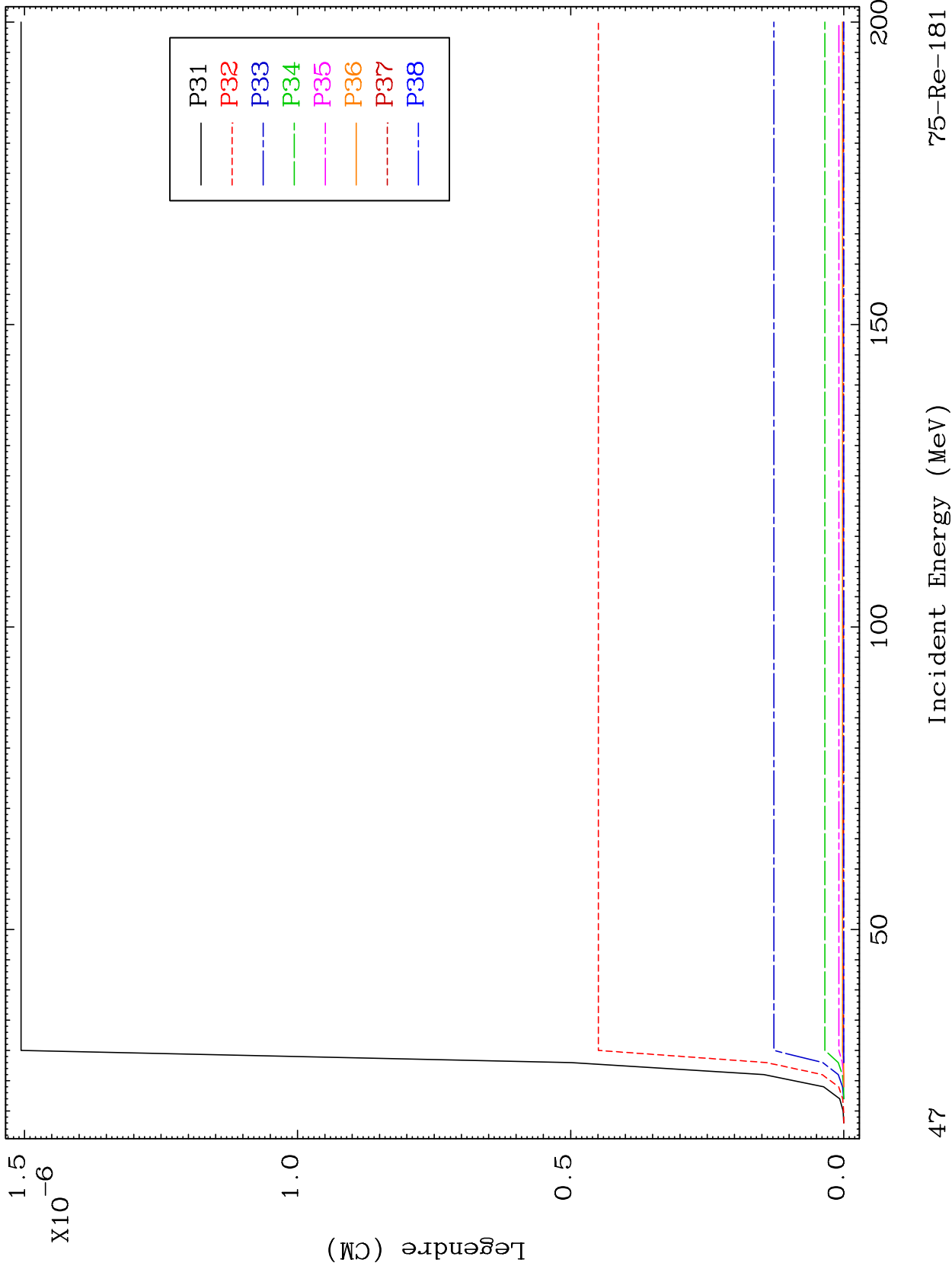
75-Re-181



MAT 7513

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

75-Re-181



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Incident Energy (MeV)

75-Re-181

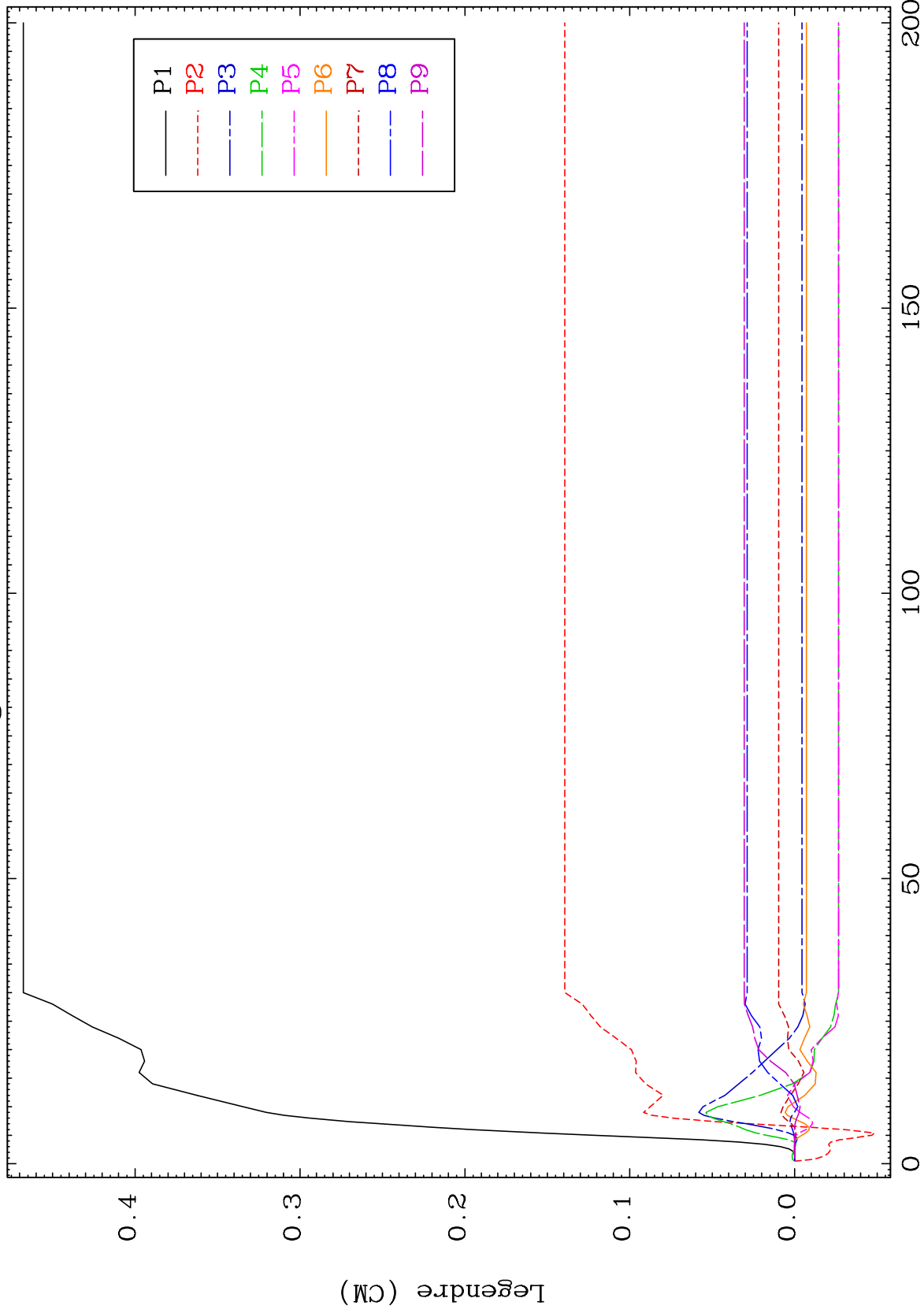


MAT 7513

MT= 58 (n,n') Level

75-Re-181

Legendre Coefficients



48

Incident Energy (MeV)

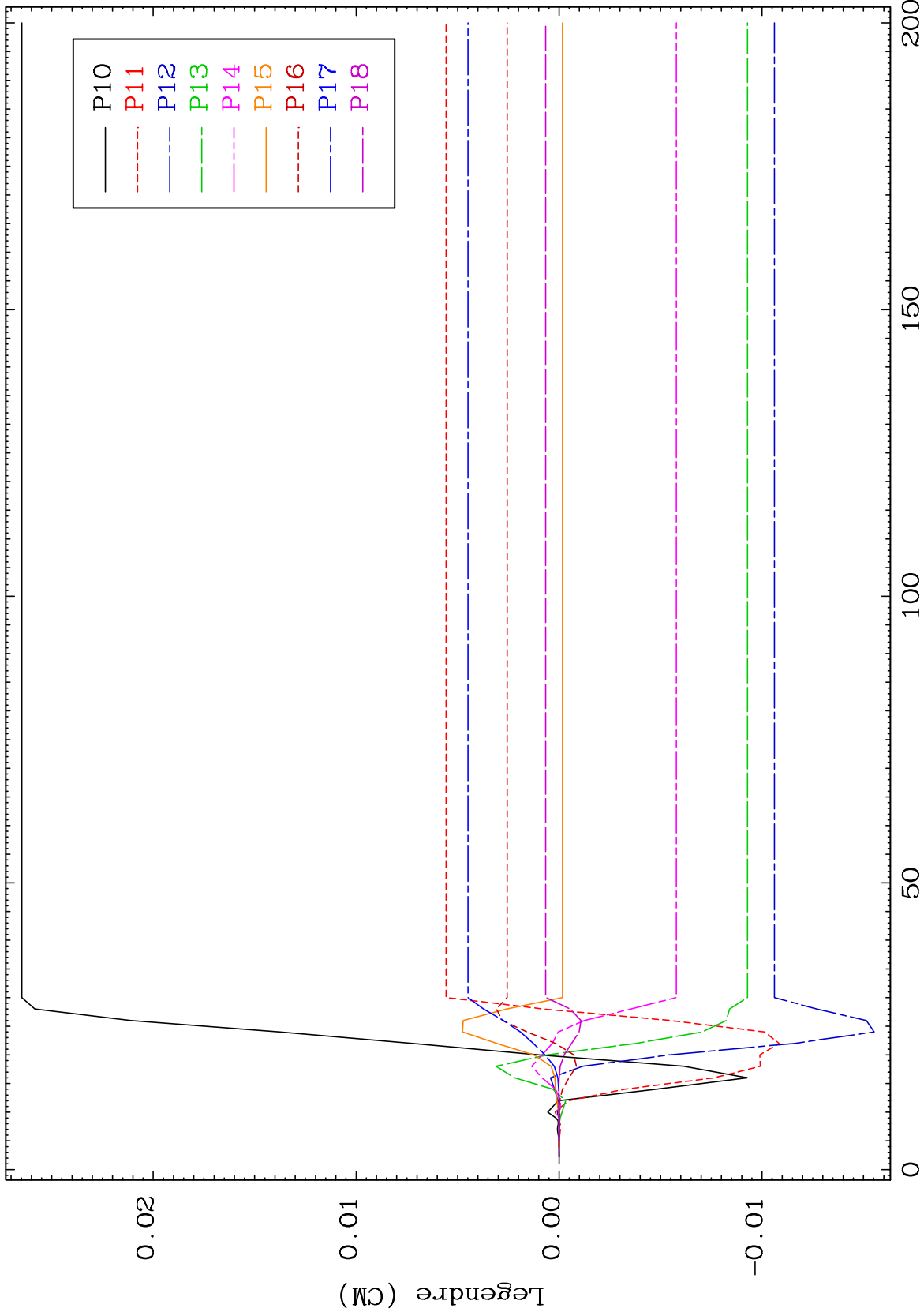
75-Re-181

MAT 7513

MT= 58 (n,n') Level

75-Re-181

Legendre Coefficients



49

Incident Energy (MeV)

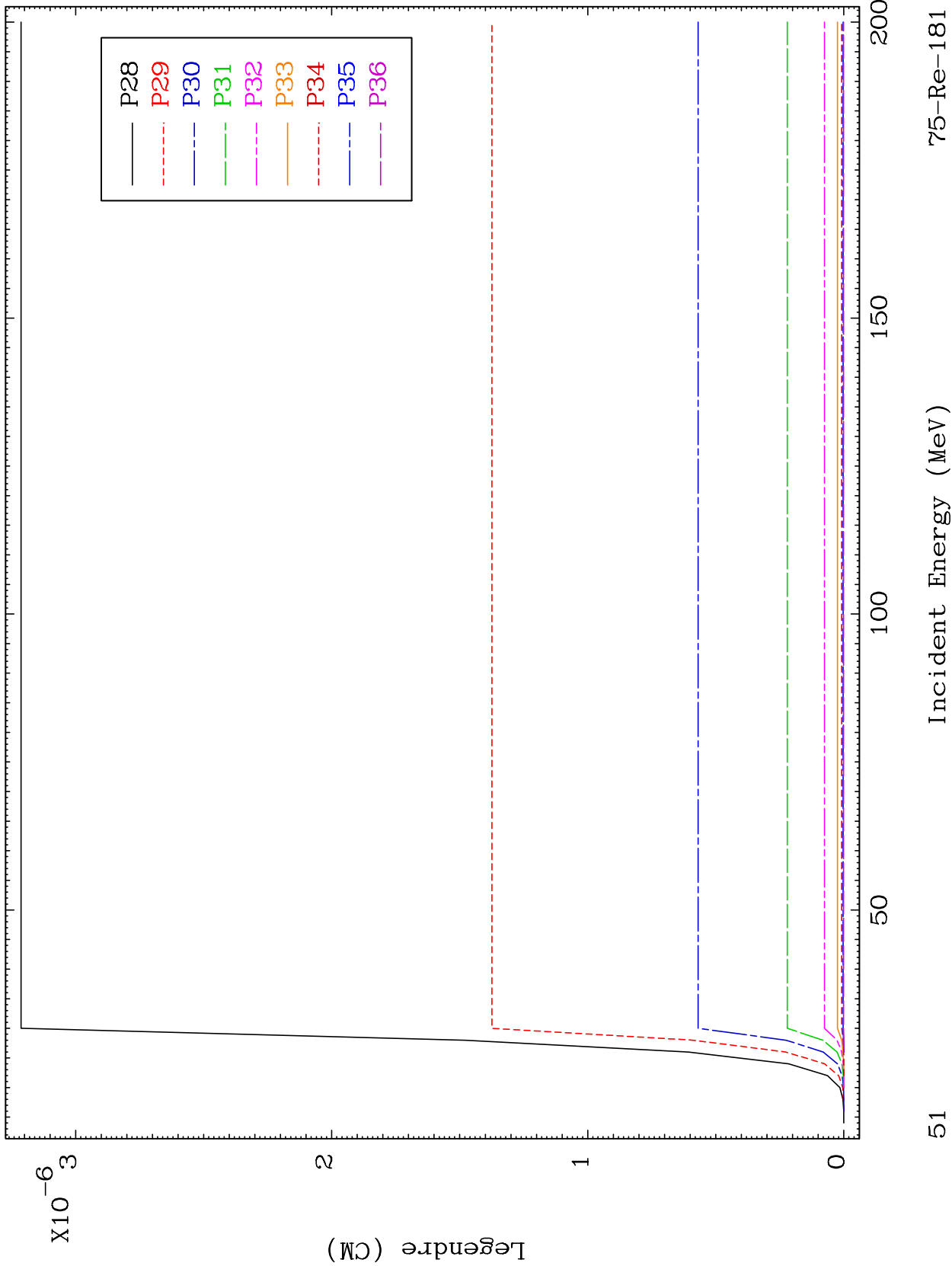
75-Re-181



MAT 7513

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

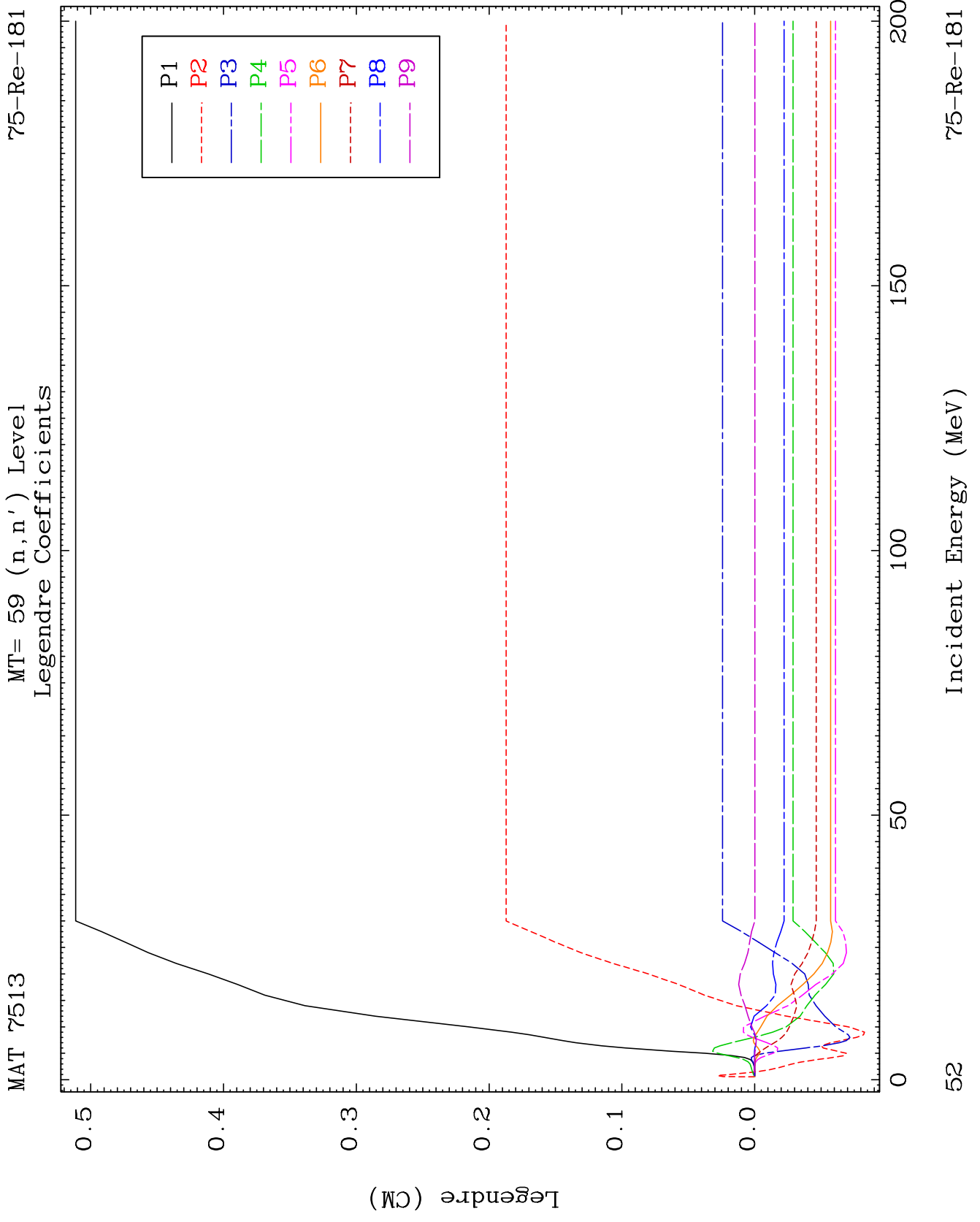
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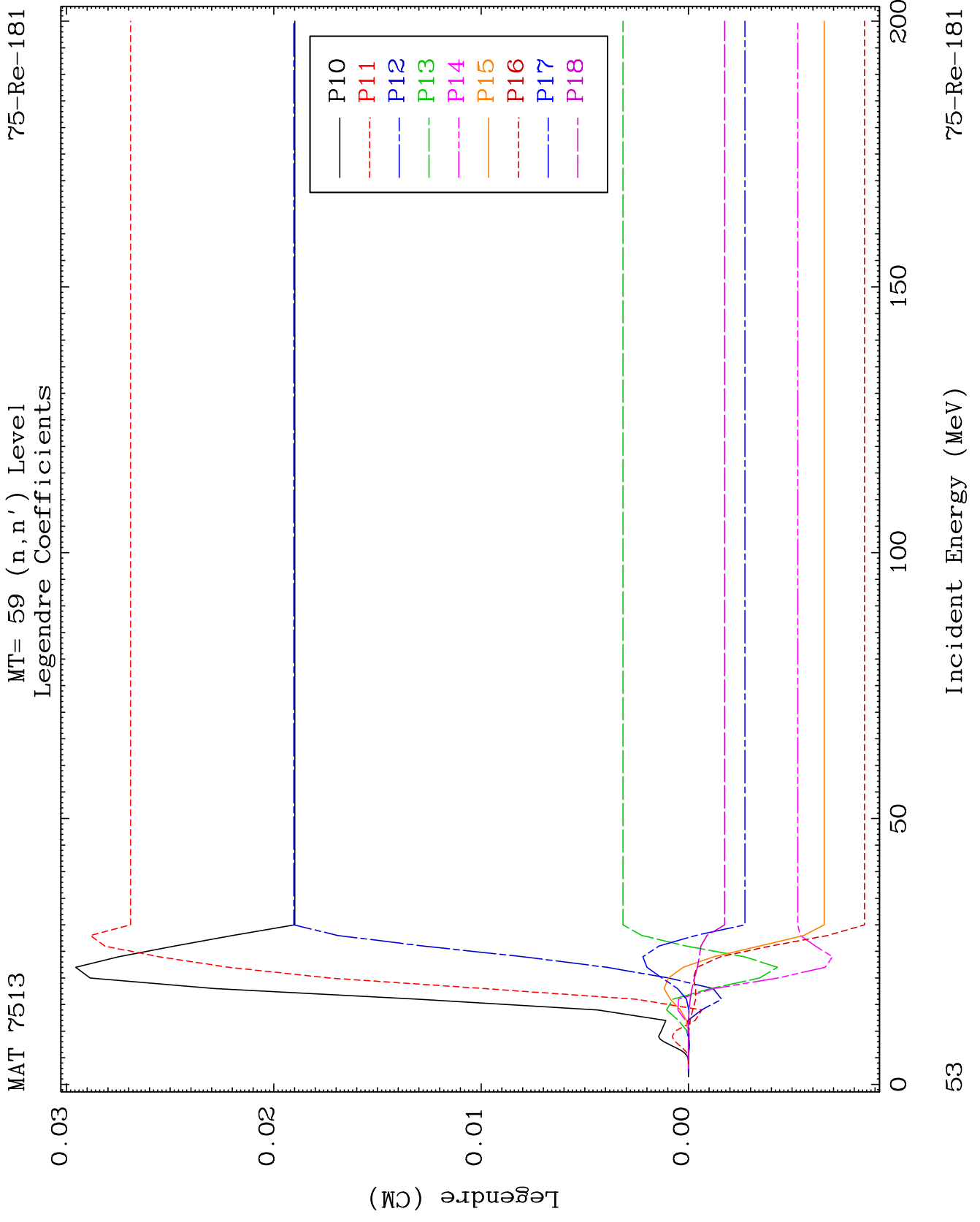


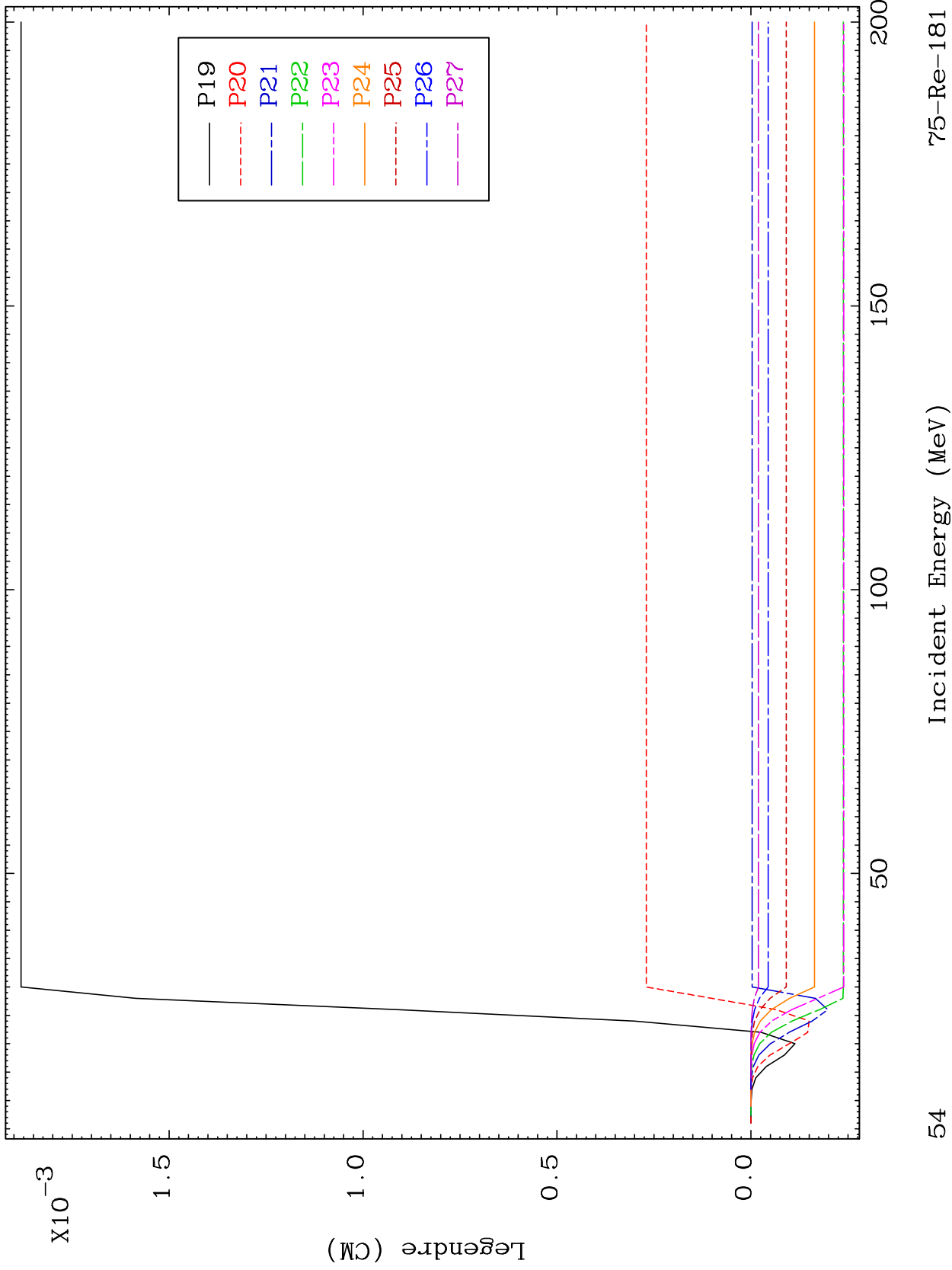
51

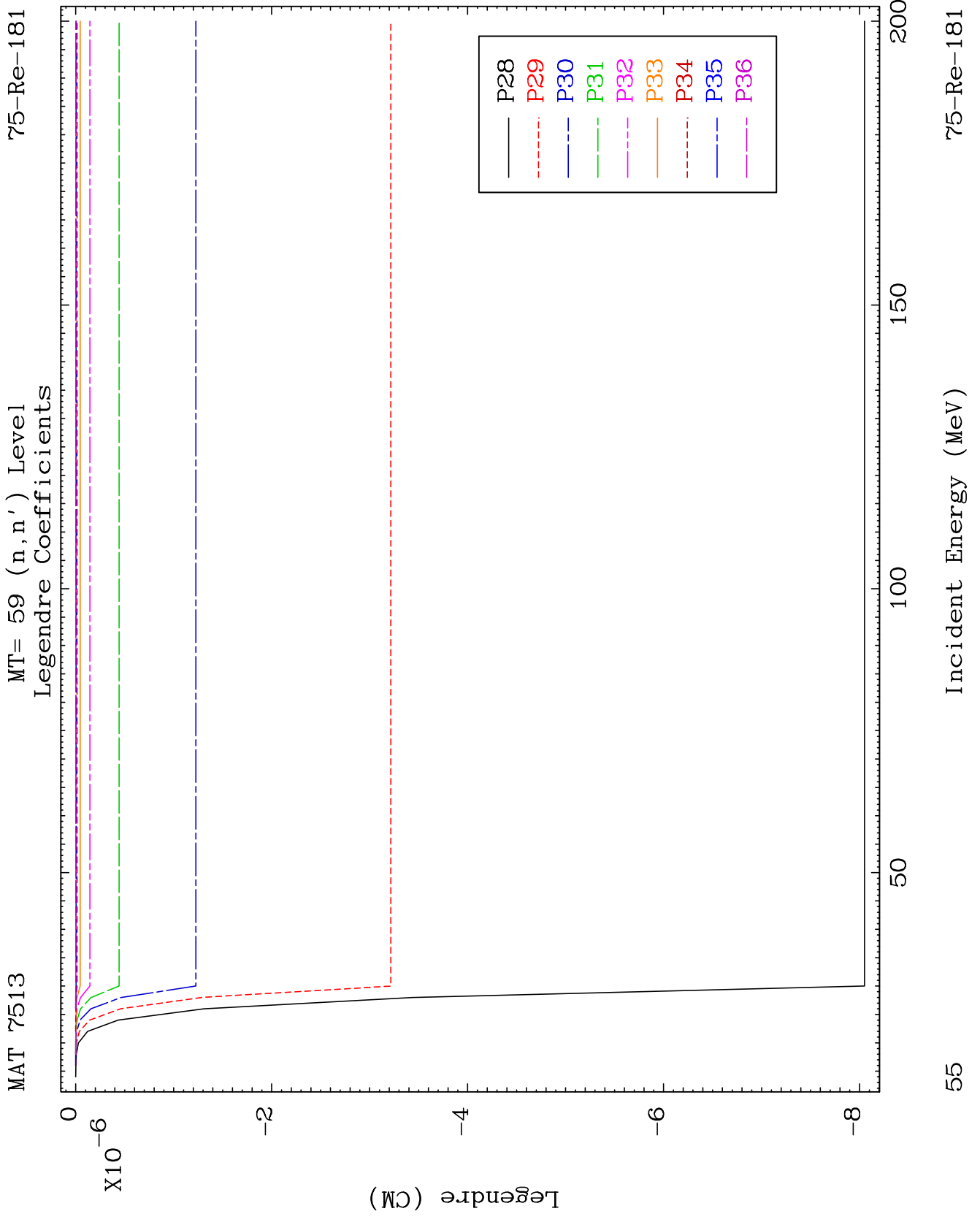
Incident Energy (MeV)

75-Re-181

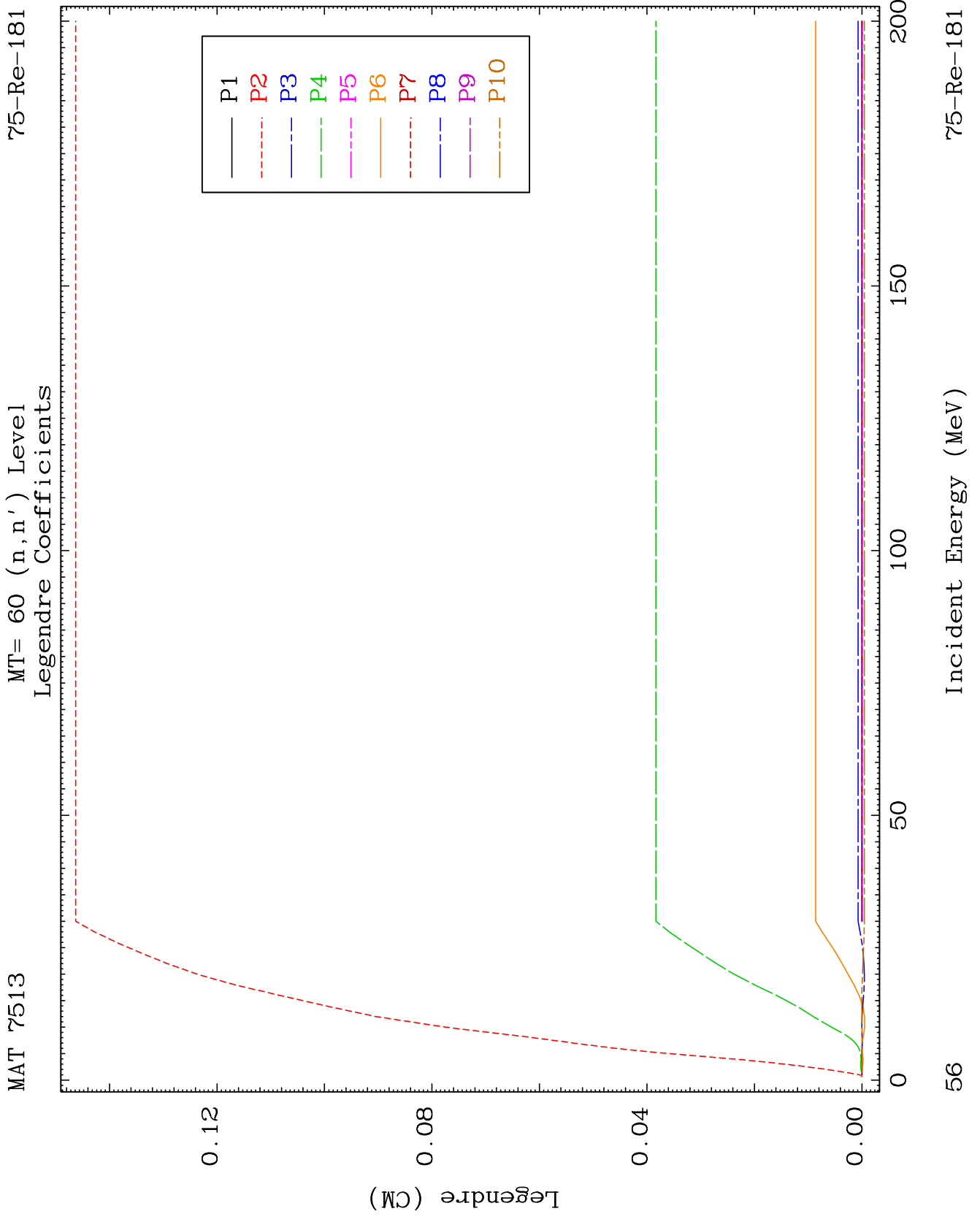








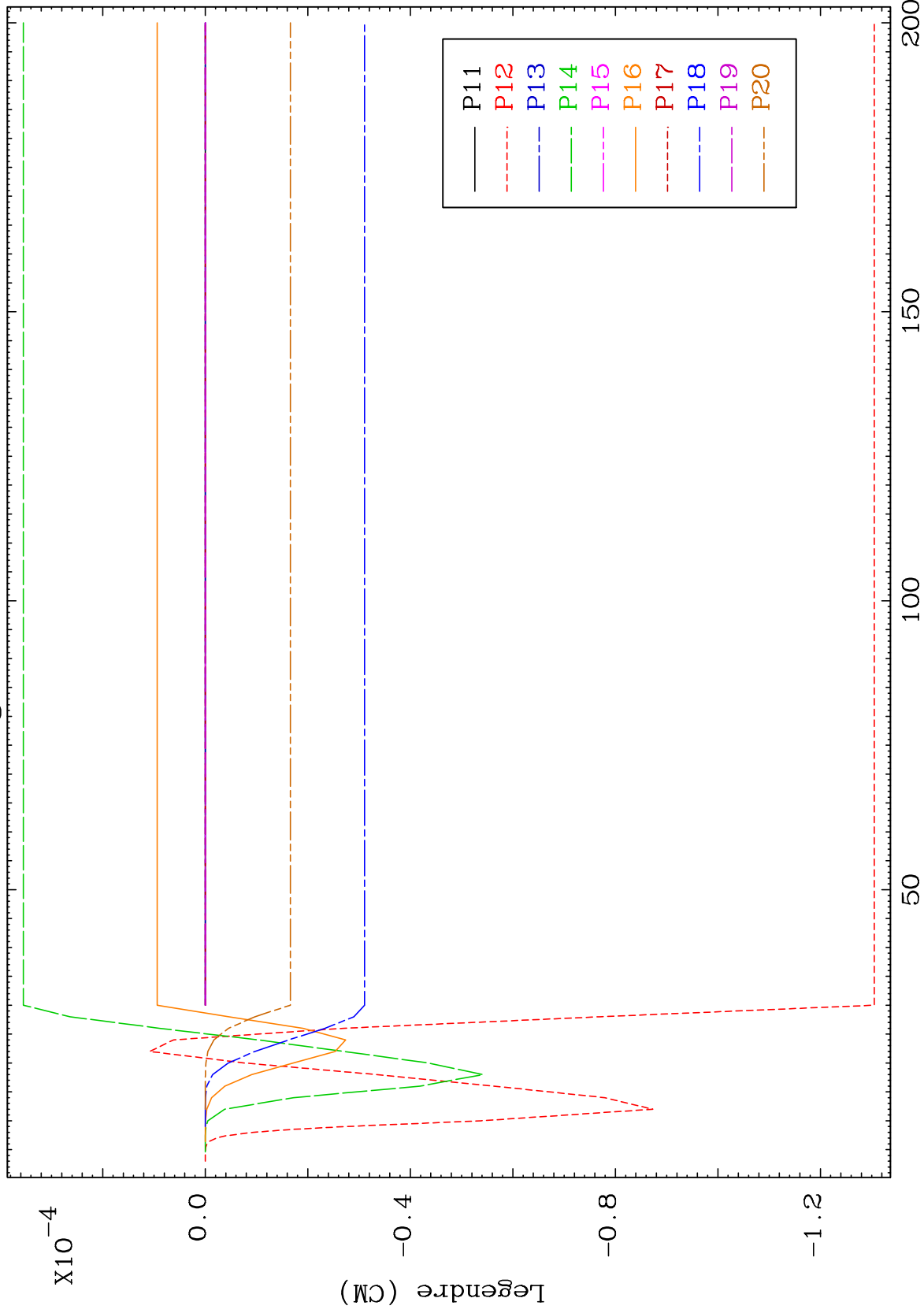




MAT 7513

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

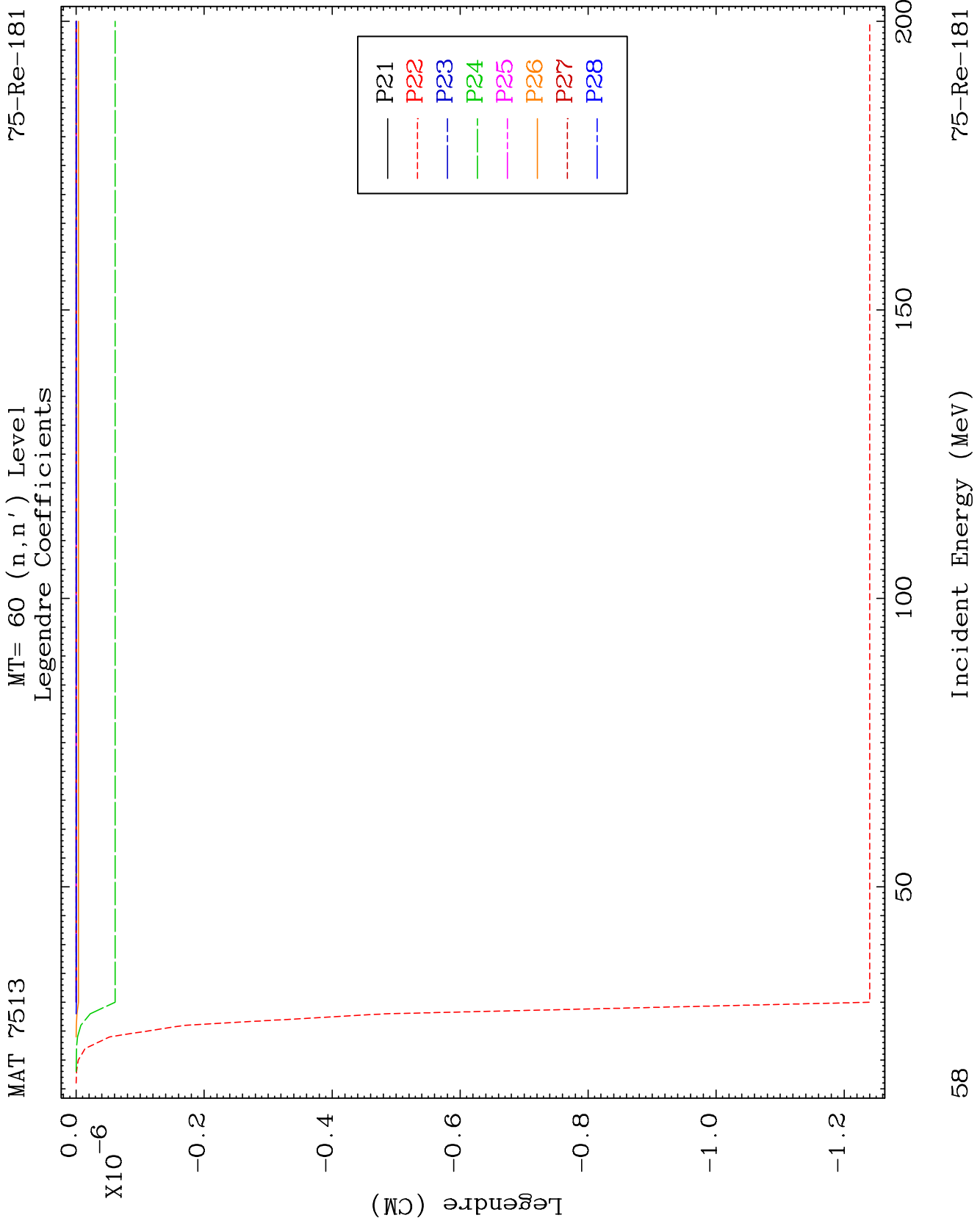
75-Re-181



57

Incident Energy (MeV)

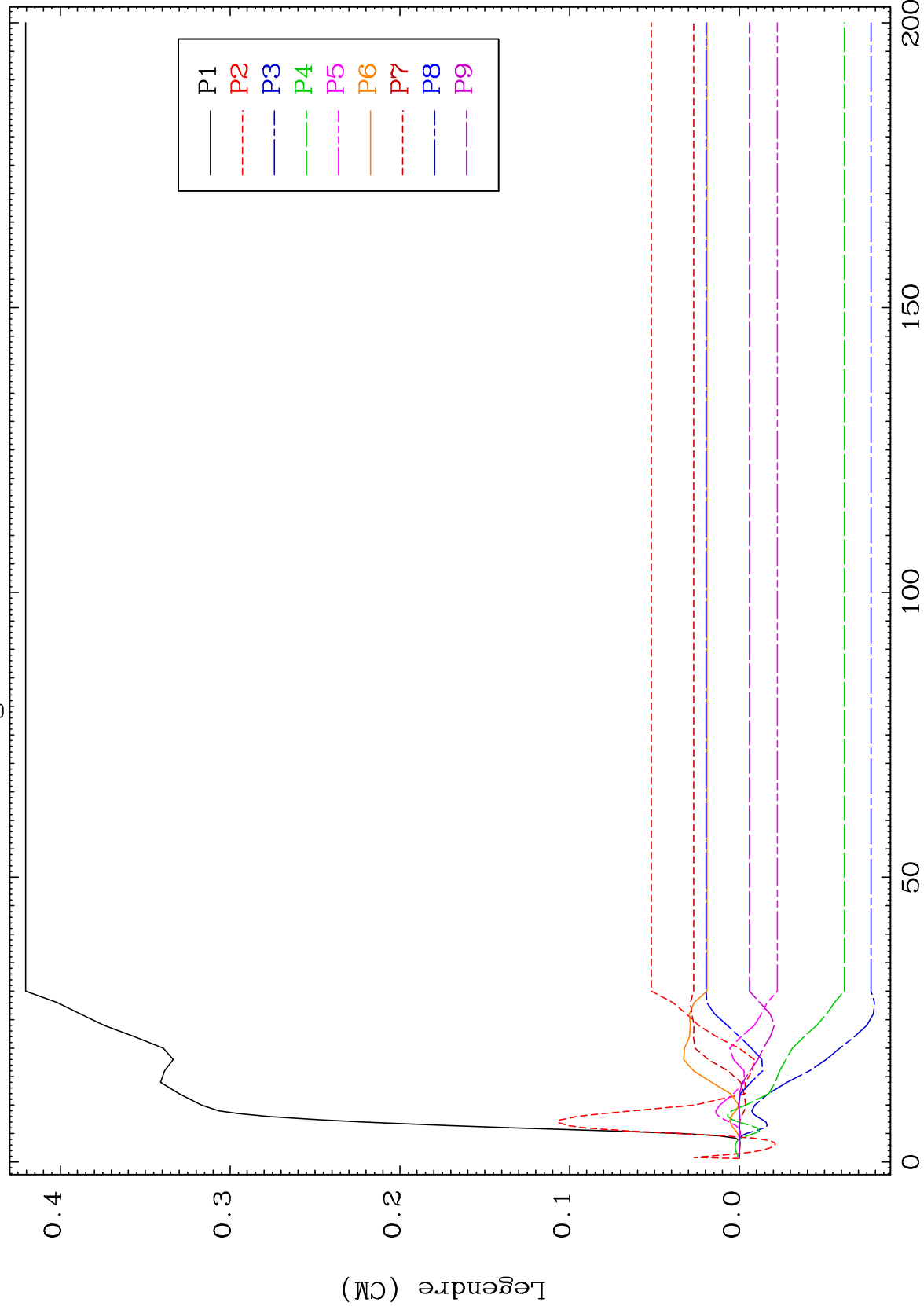
75-Re-181



MAT 7513

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

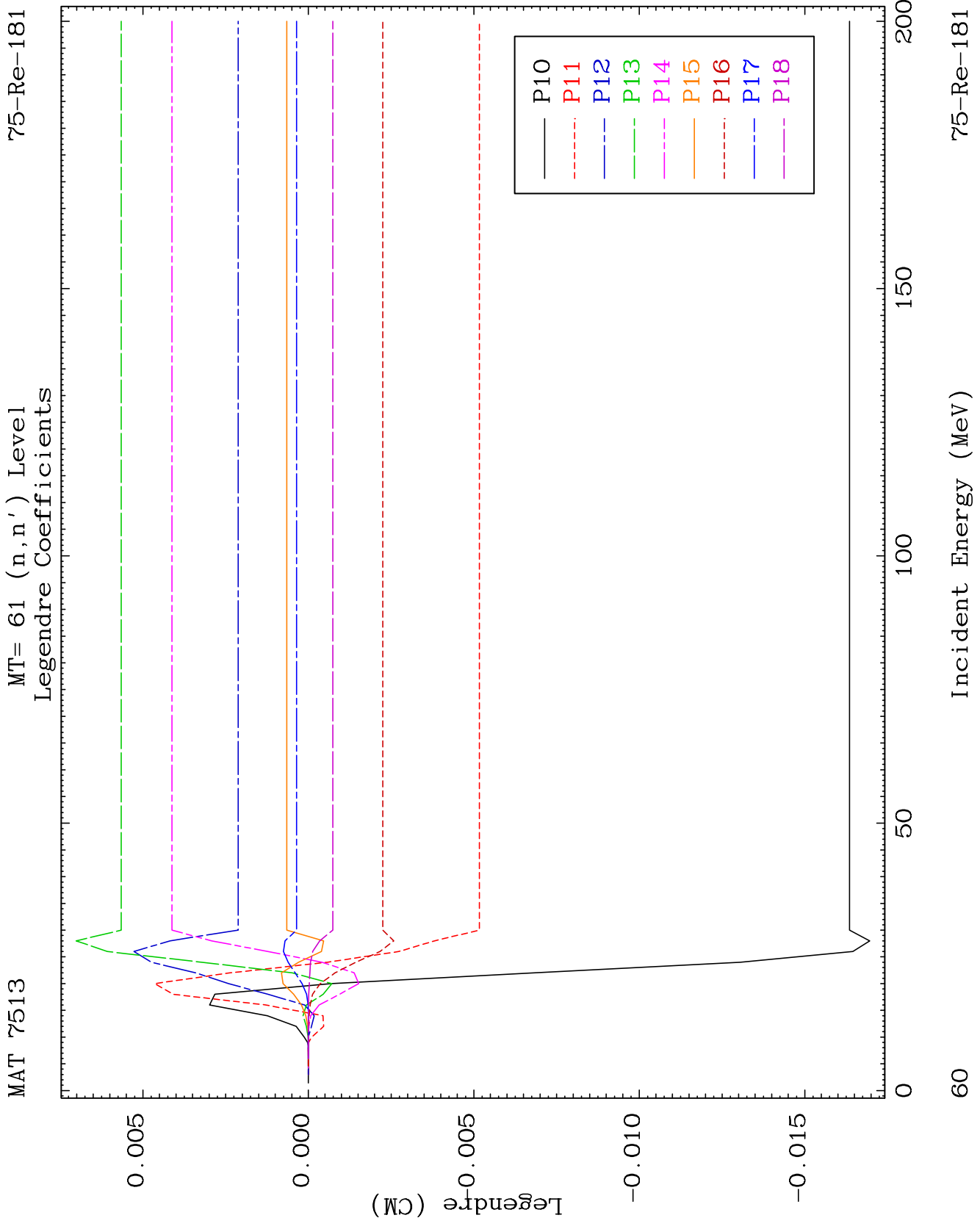
75-Re-181



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Incident Energy (MeV)

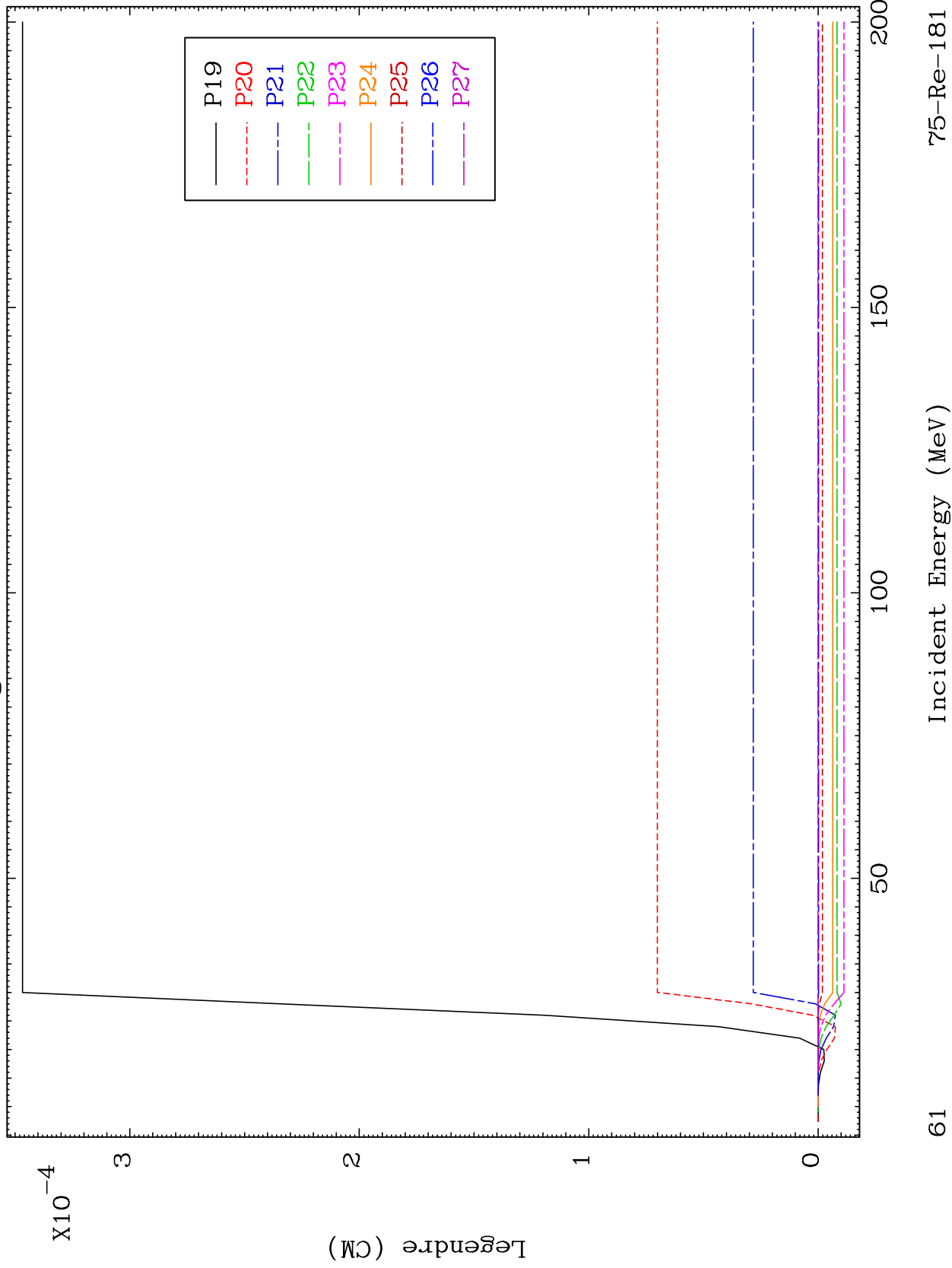
75-Re-181



MAT 7513

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

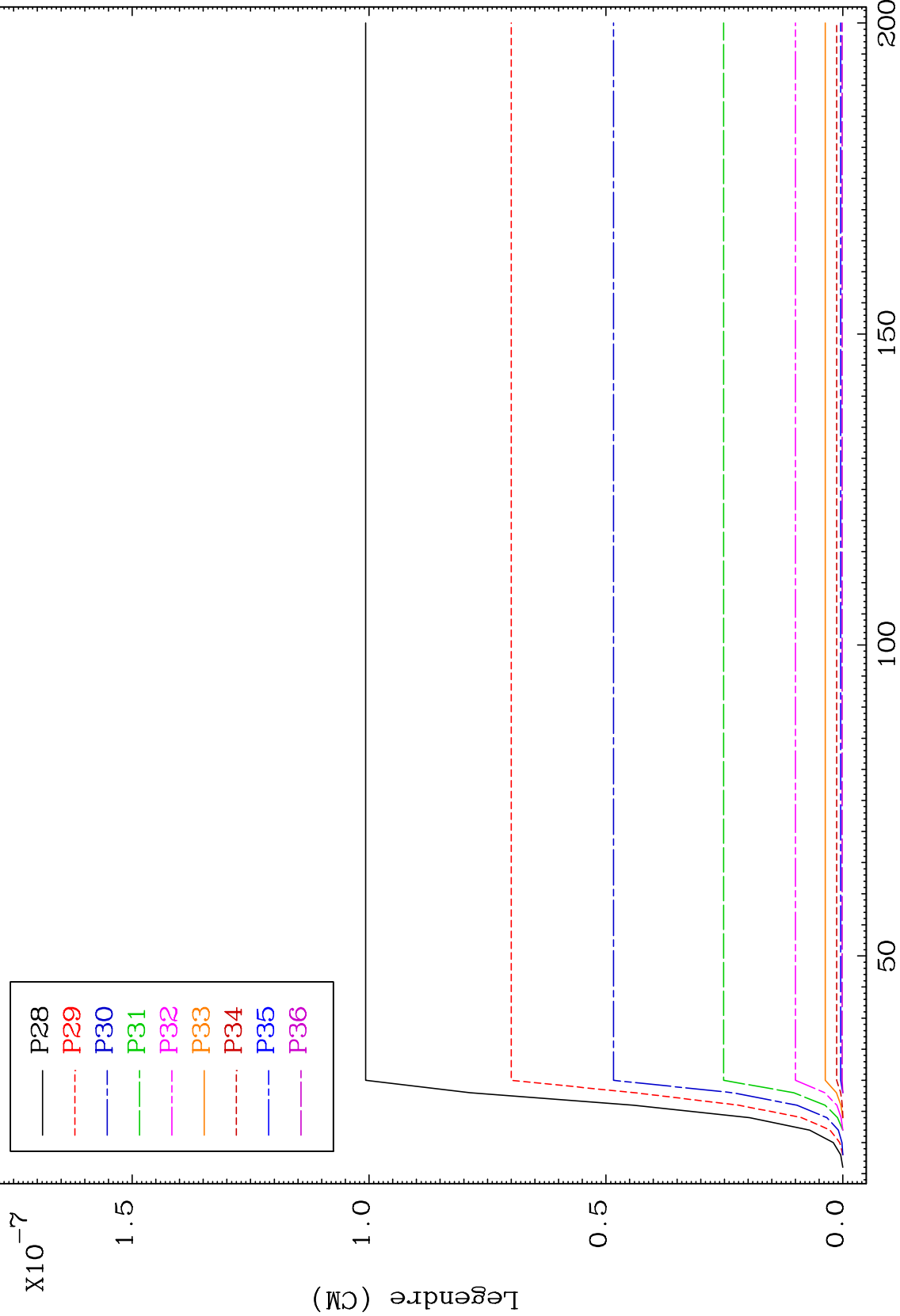
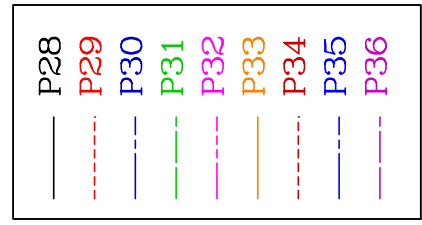
75-Re-181



MAT 7513

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

75-Re-181



62

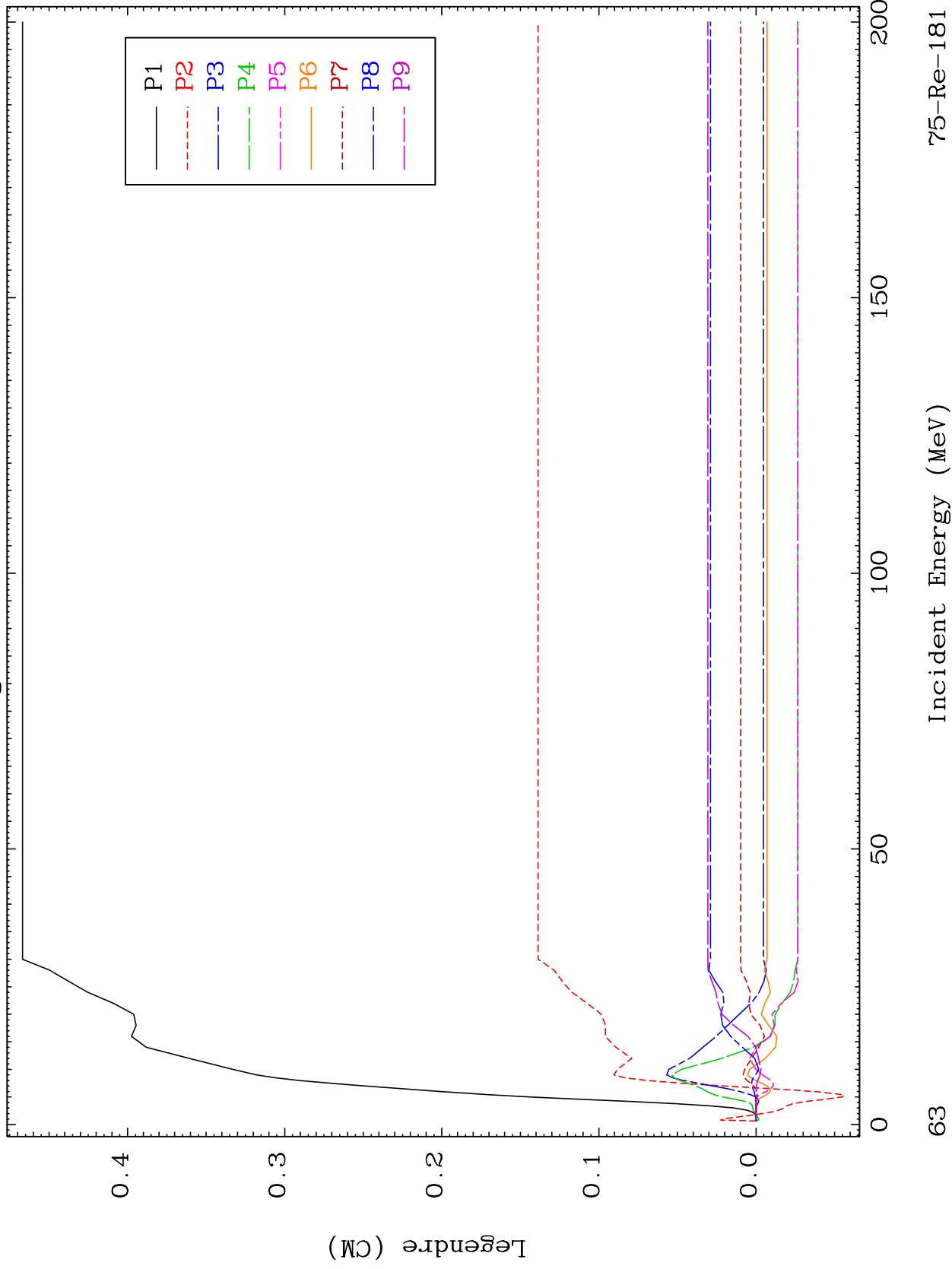
Incident Energy (MeV)

75-Re-181

MAT 7513

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

75-Re-181

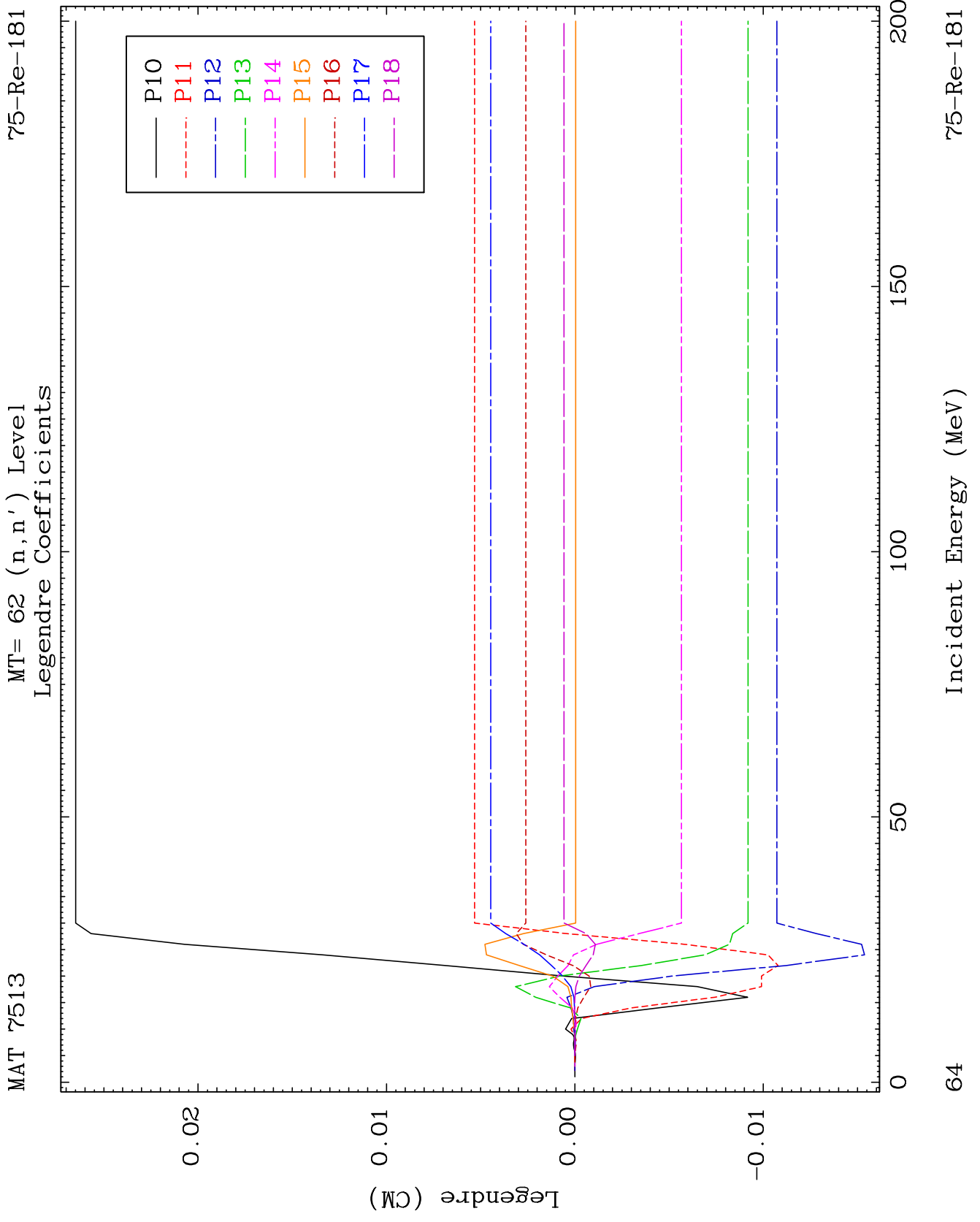


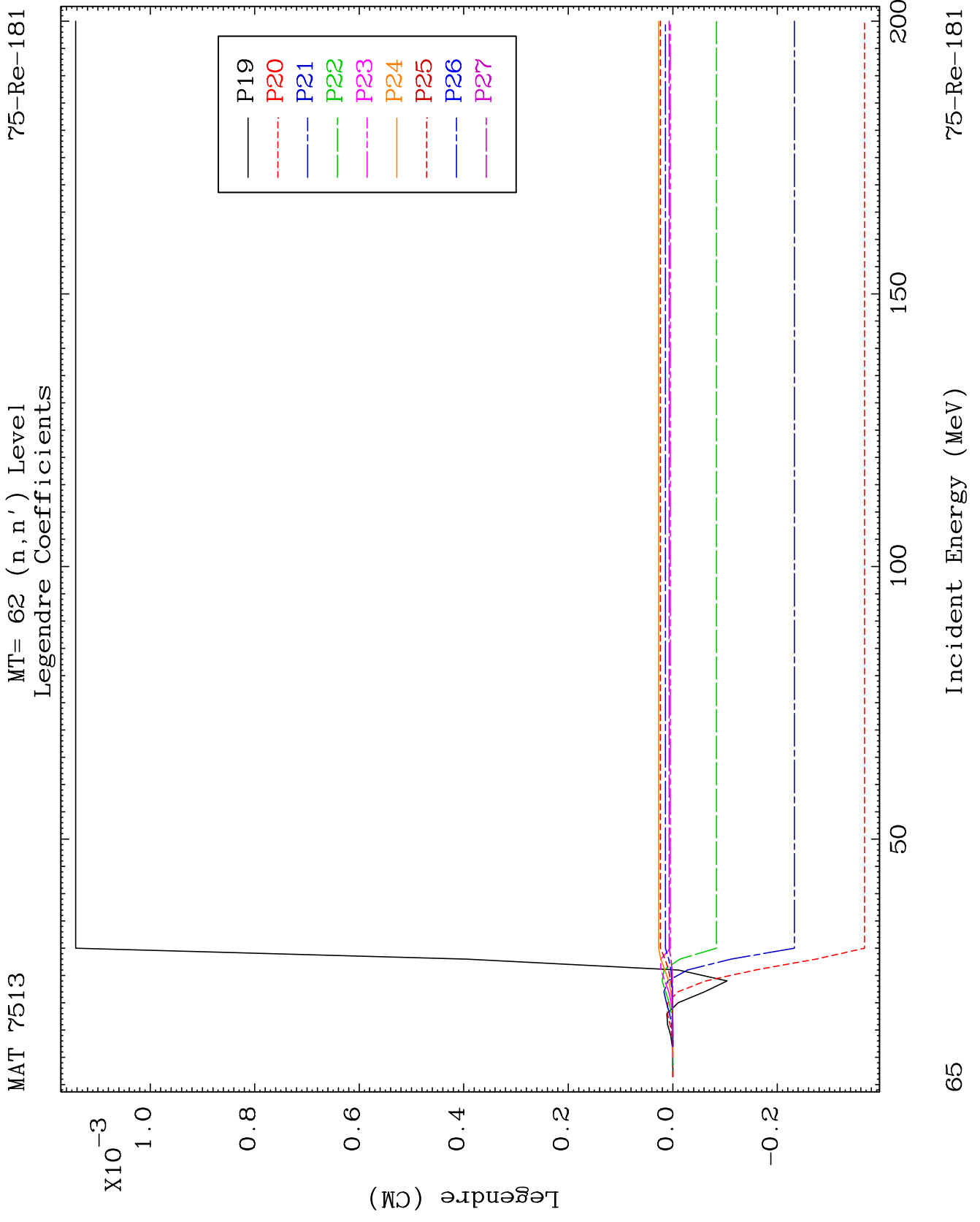
75-Re-181

Incident Energy (MeV)

63



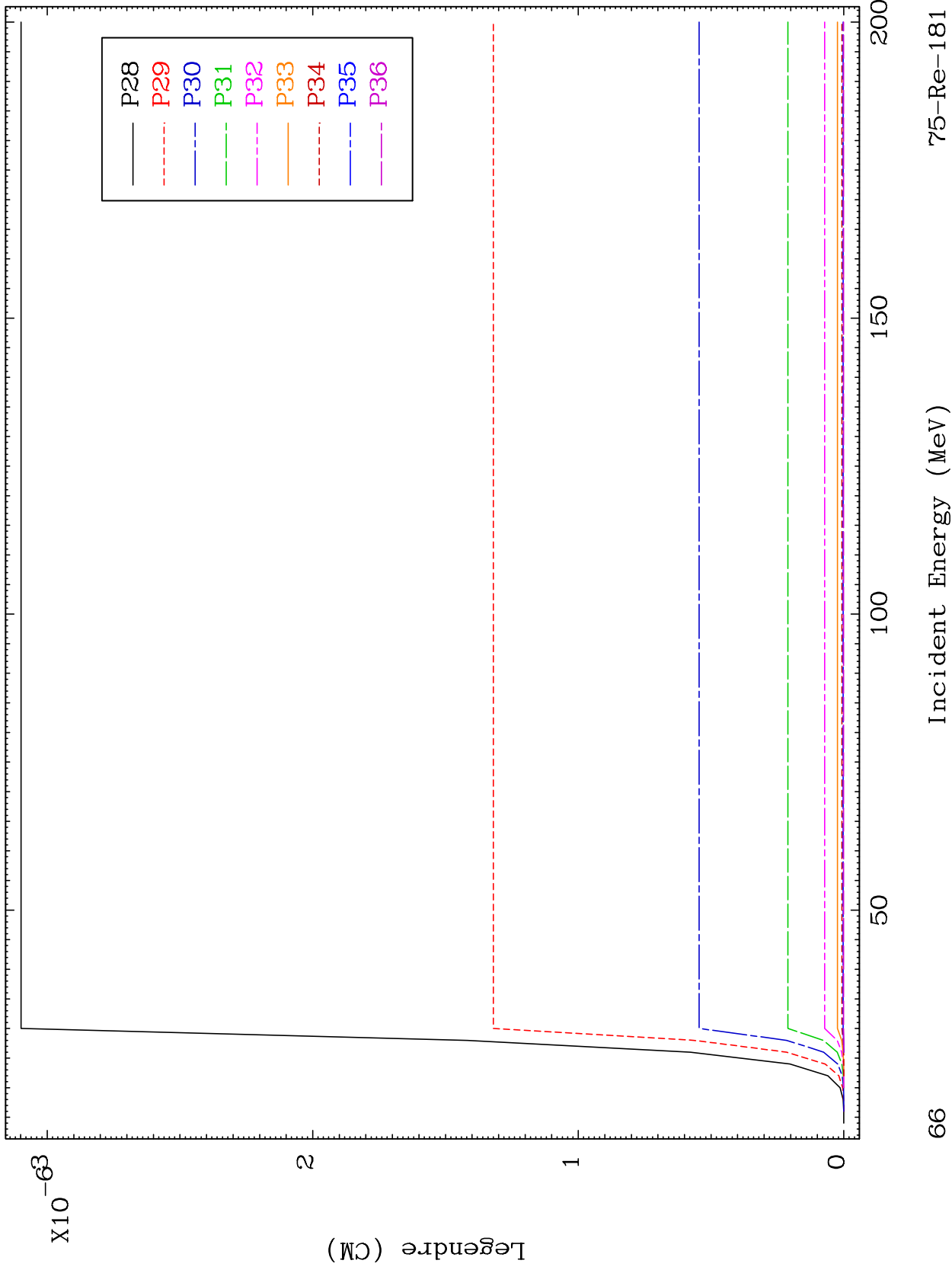




MAT 7513

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

75-Re-181



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Incident Energy (MeV)

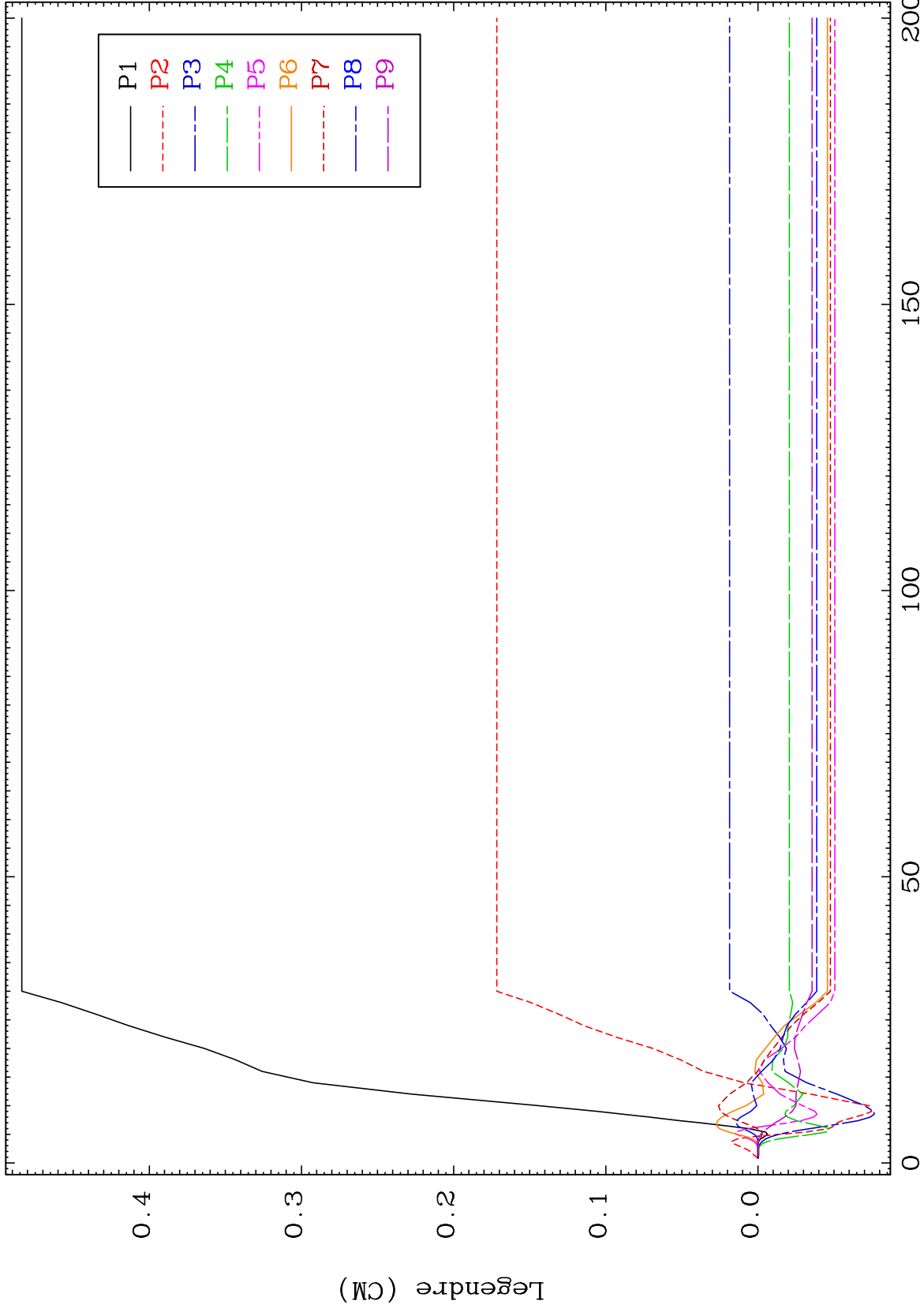
75-Re-181

MAT 7513

MT= 63 (n,n') Level

75-Re-181

Legendre Coefficients



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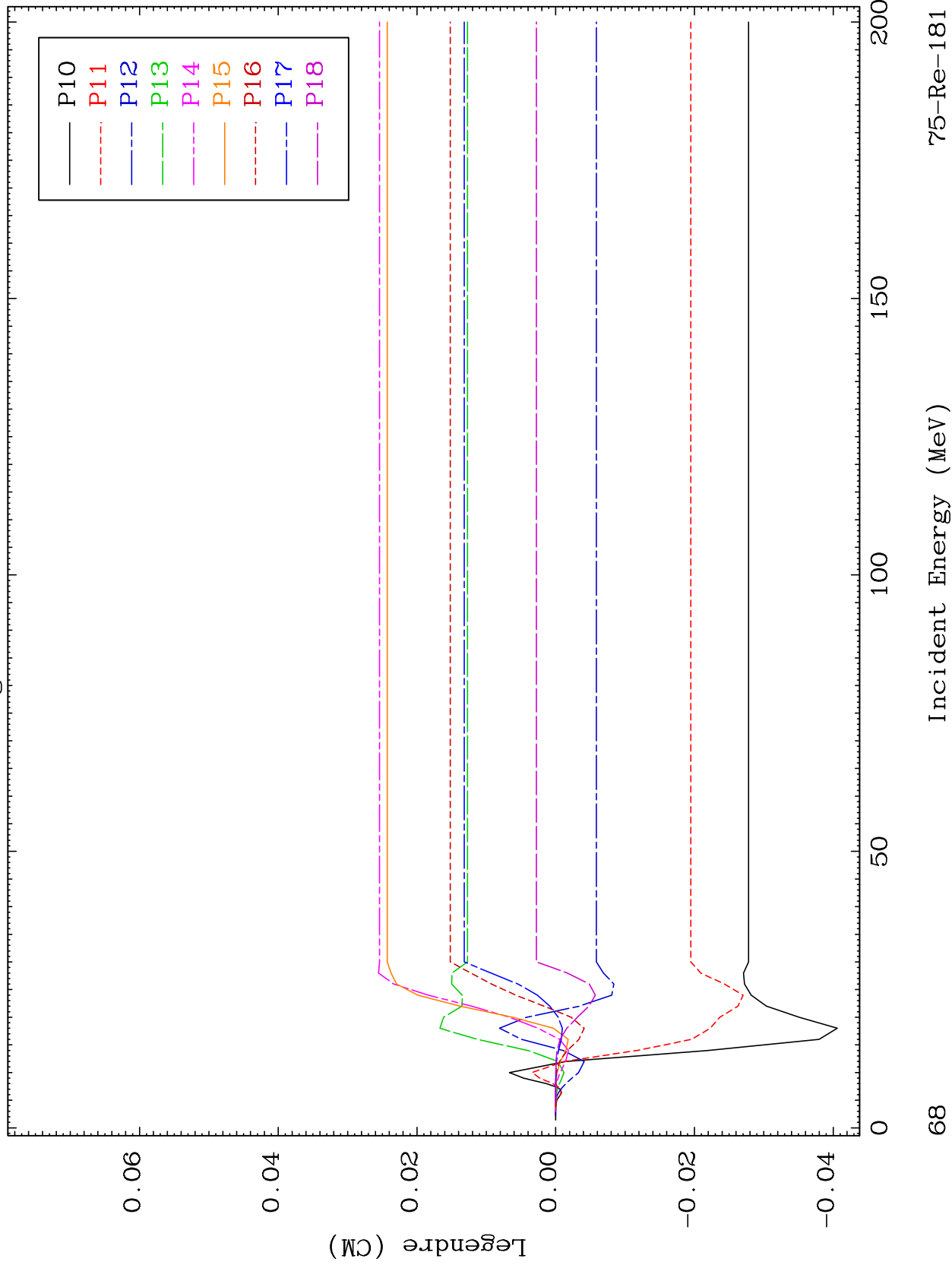
Incident Energy (MeV)

75-Re-181

MAT 7513

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

75-Re-181



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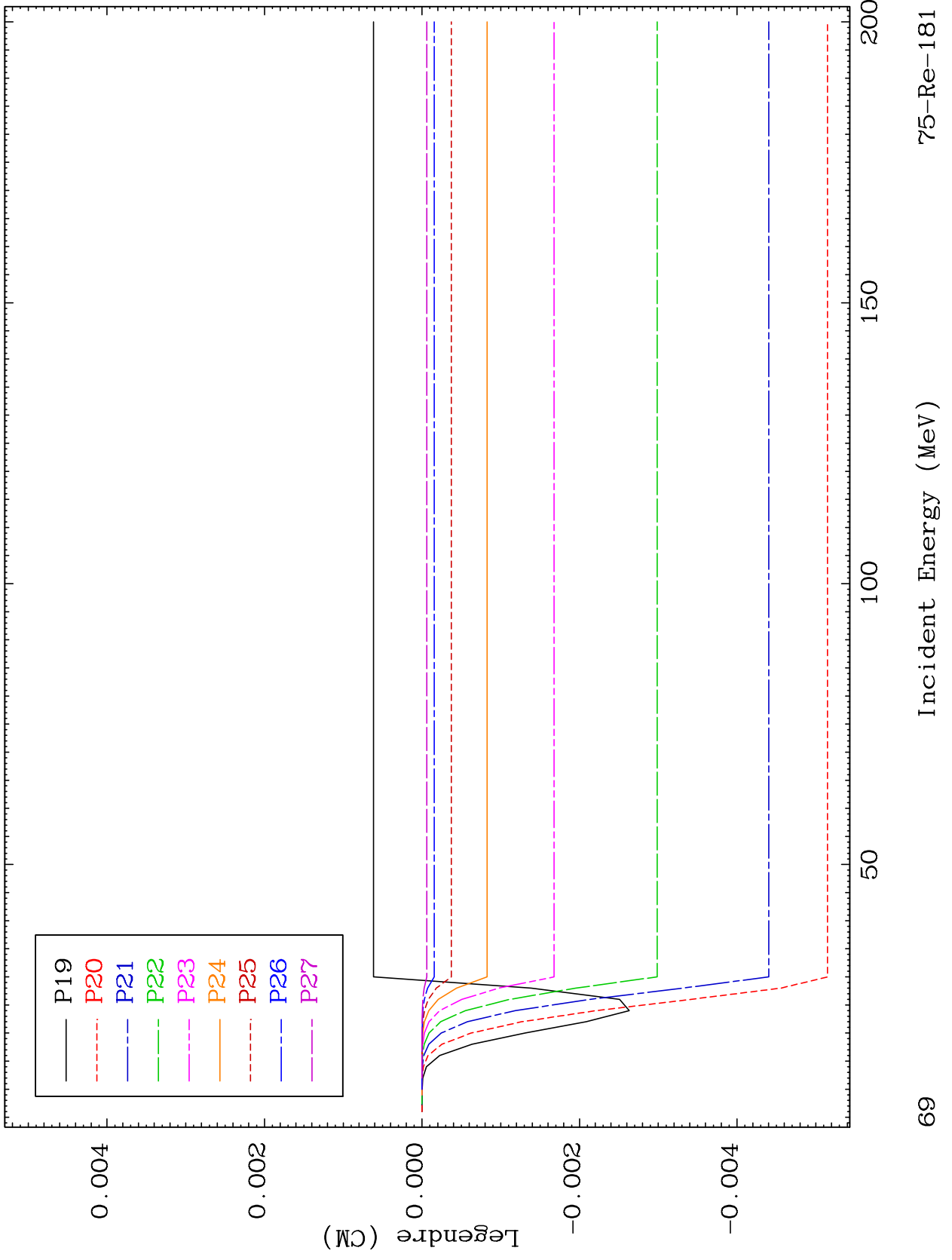
Incident Energy (MeV)

75-Re-181

MAT 7513

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

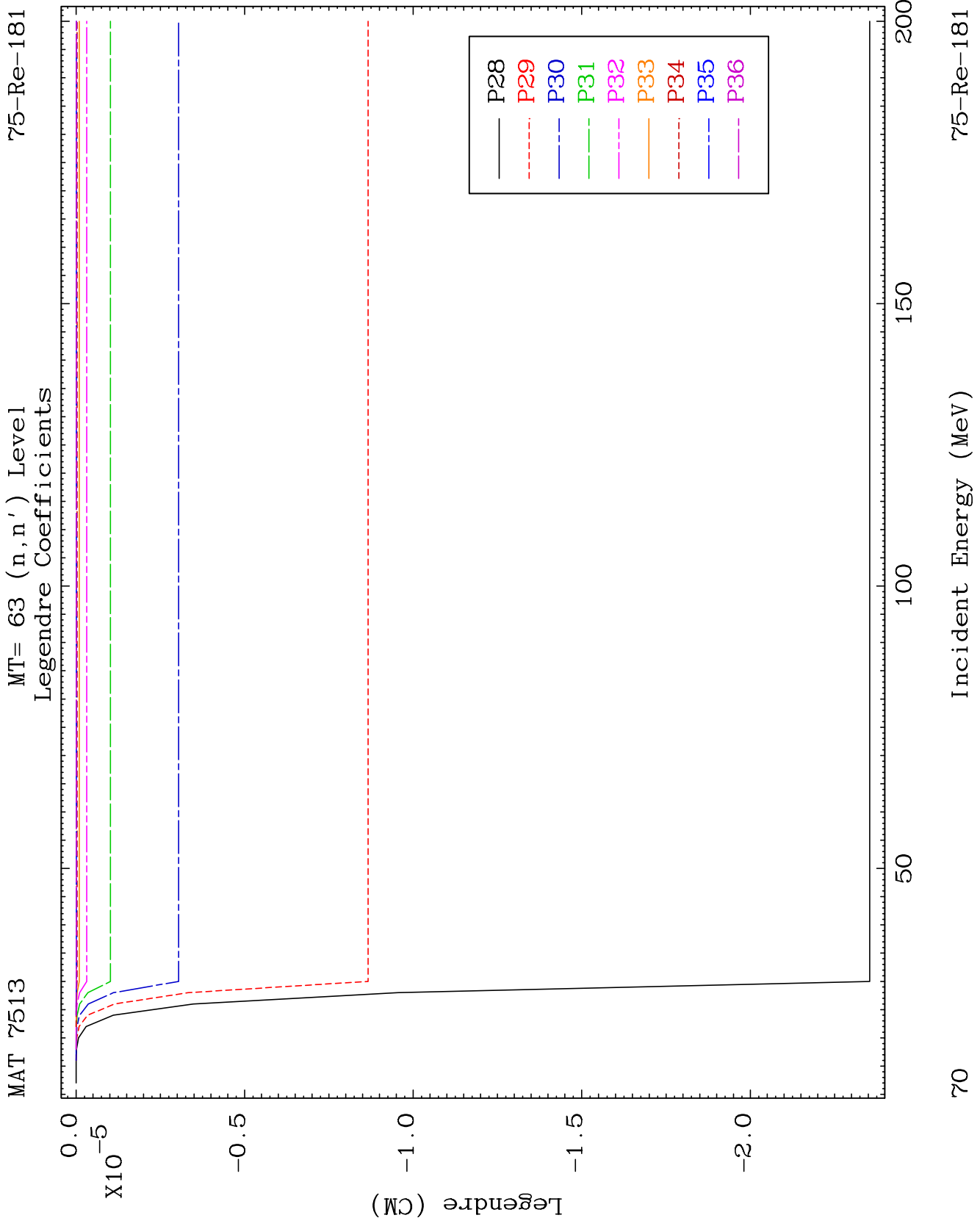
75-Re-181



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Incident Energy (MeV)

75-Re-181

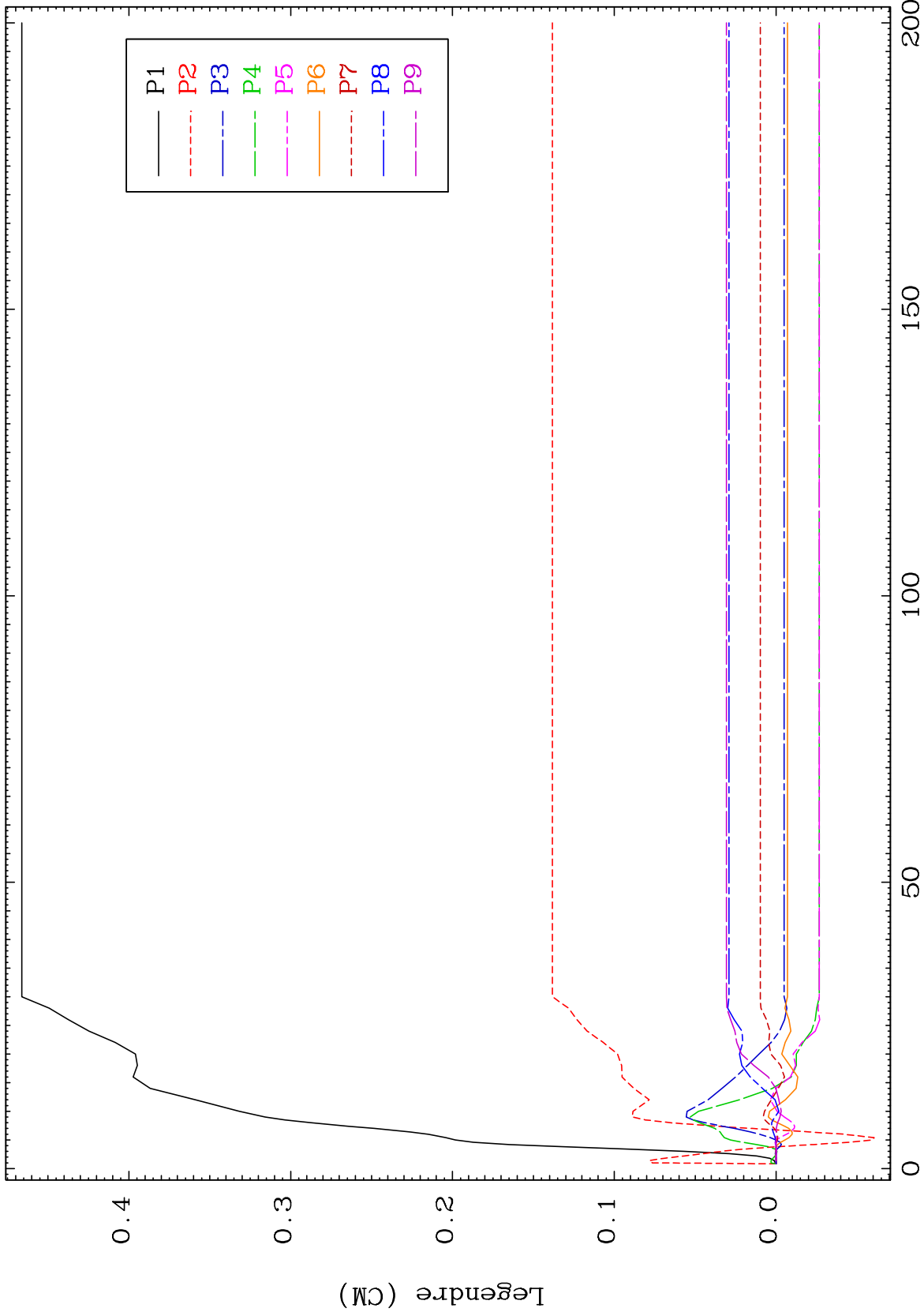


MAT 7513

MT= 64 (n,n') Level

75-Re-181

Legendre Coefficients



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75-Re-181

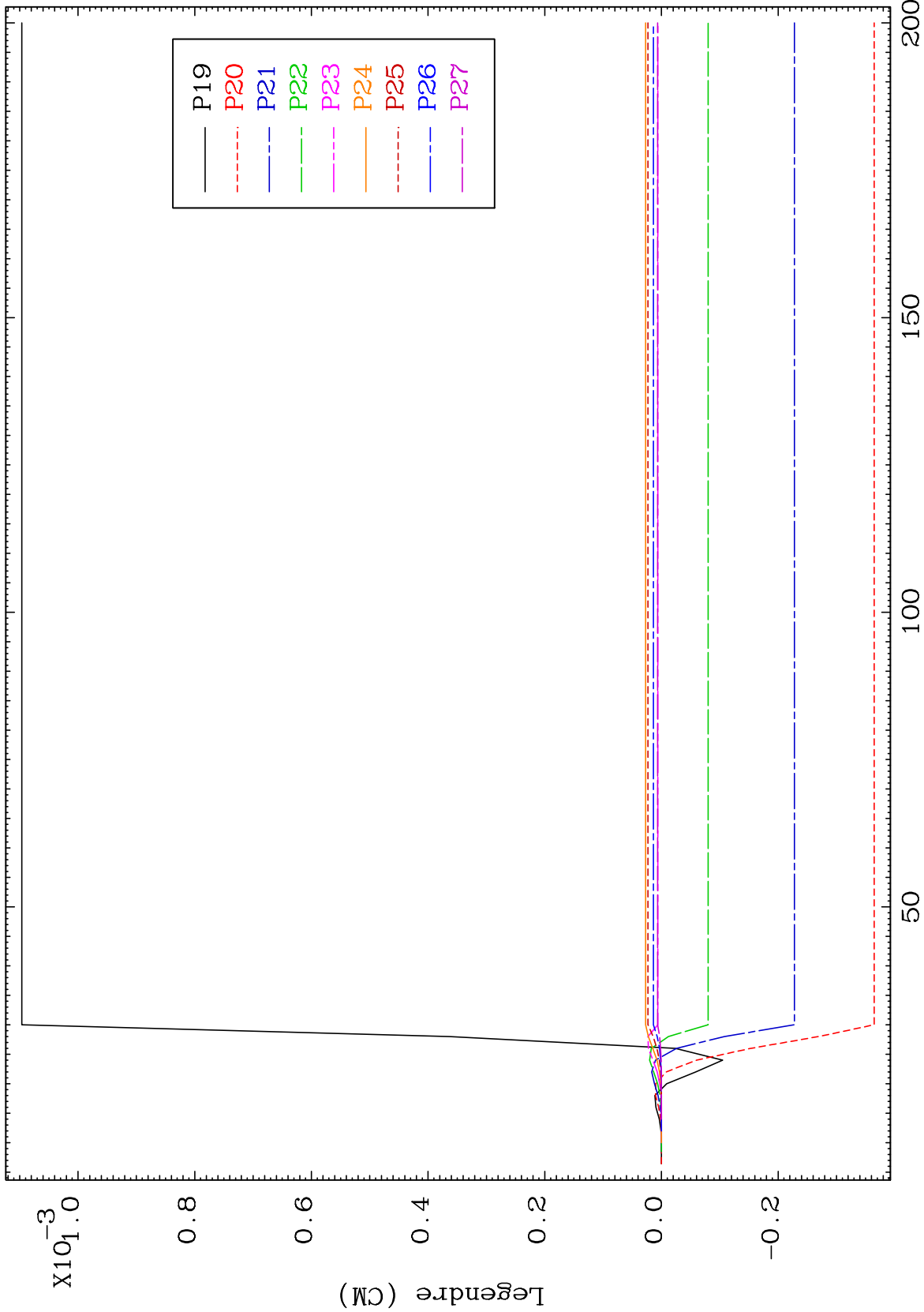




MAT 7513

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

75-Re-181



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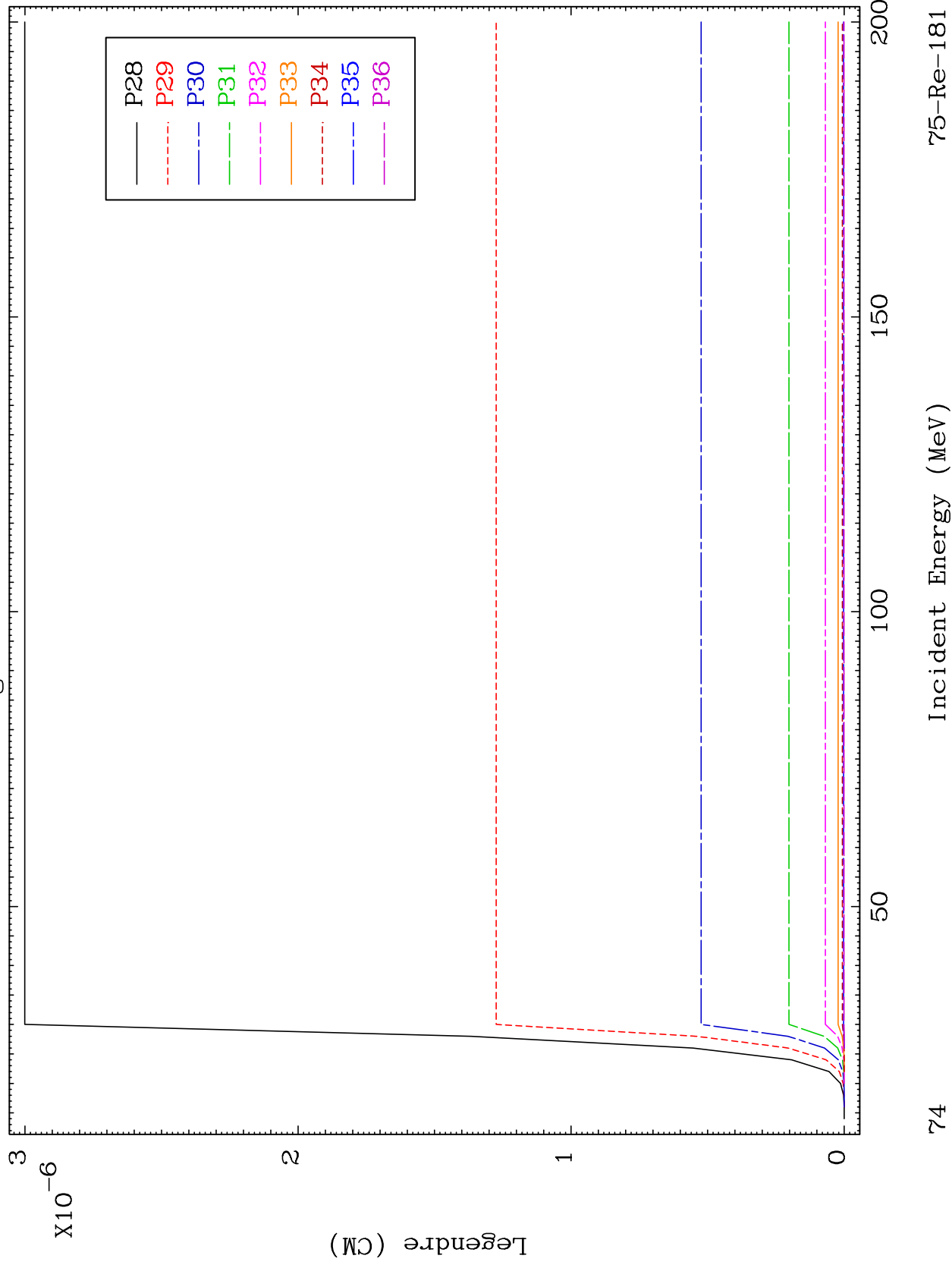
Incident Energy (MeV)

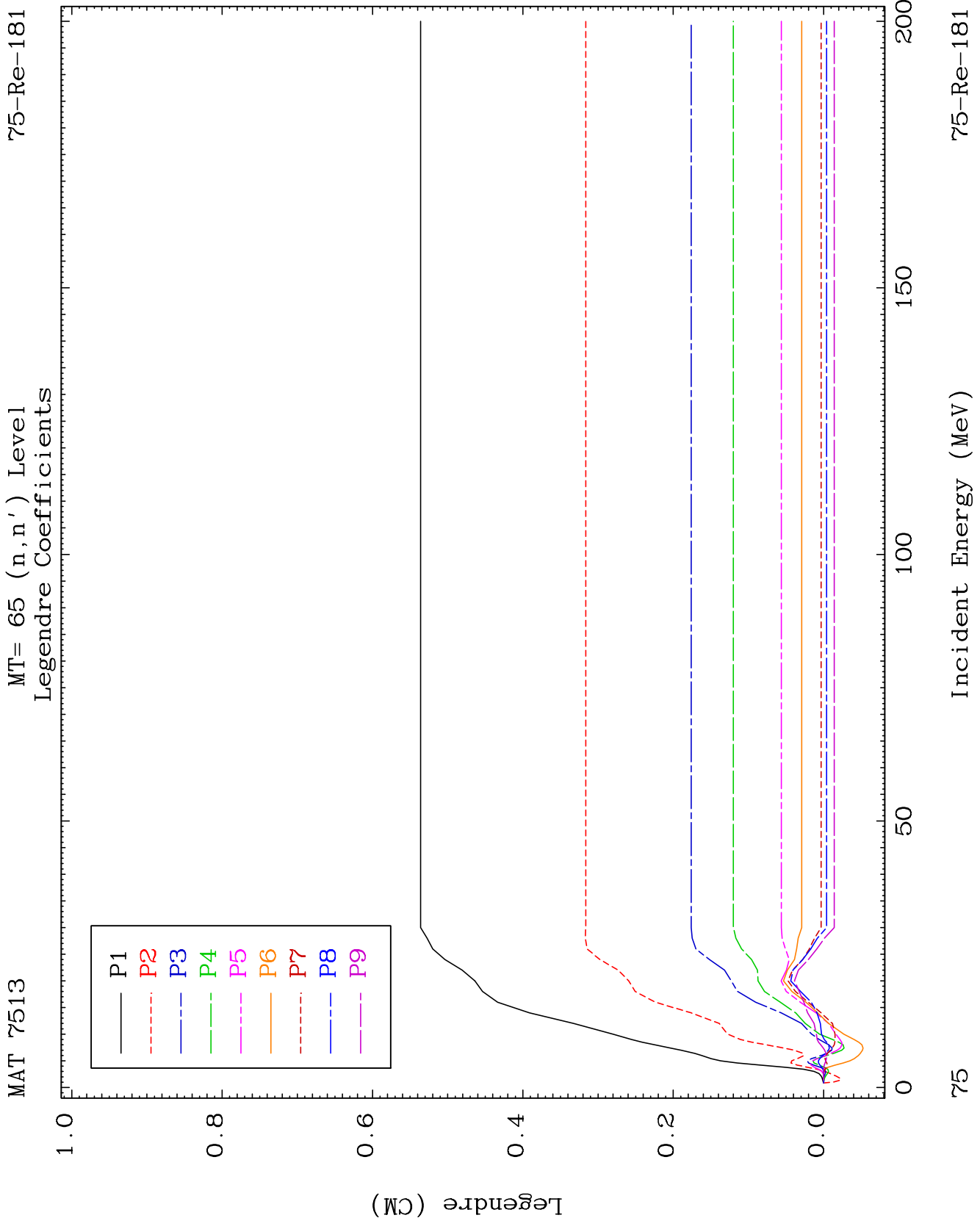
75-Re-181

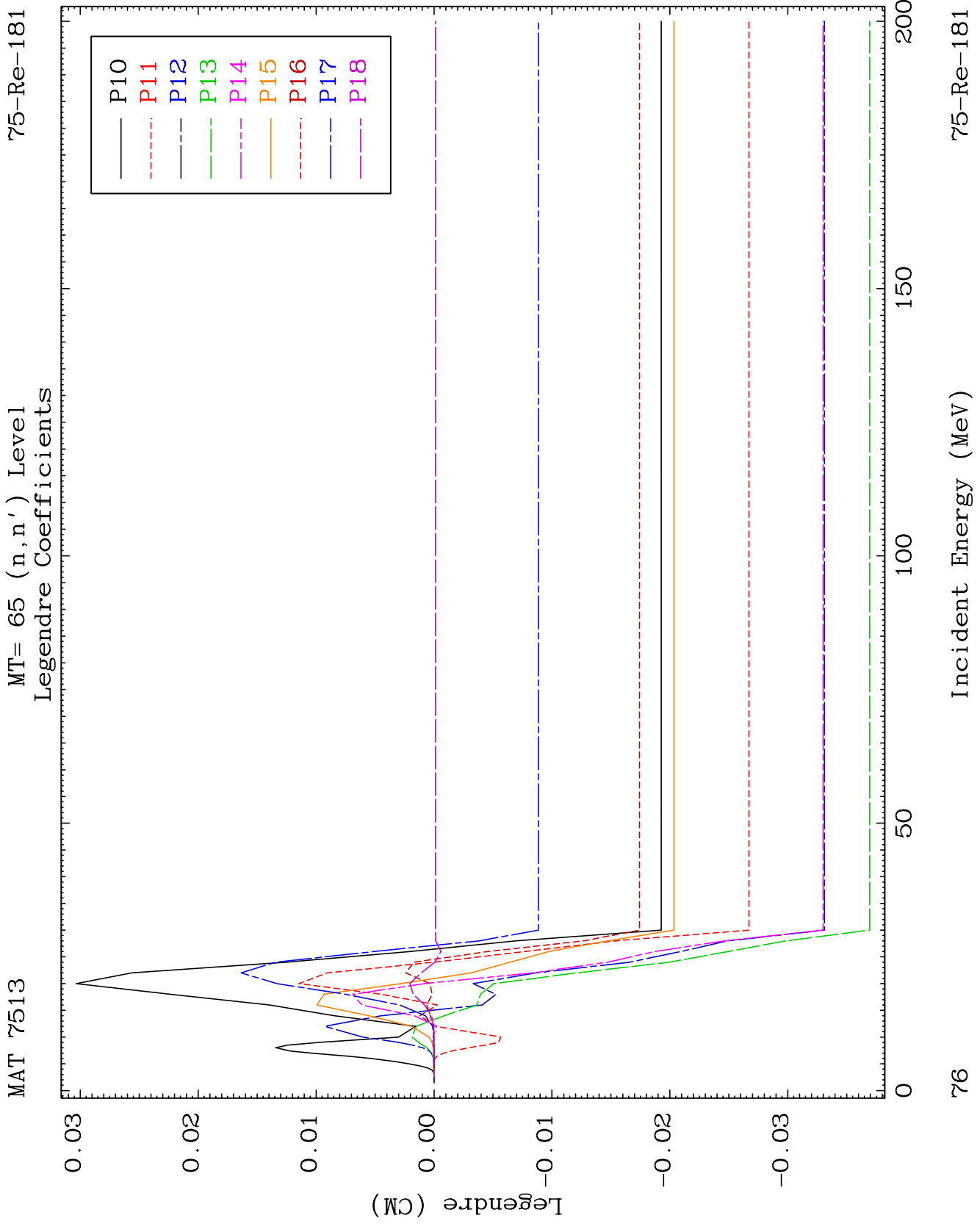
MAT 7513

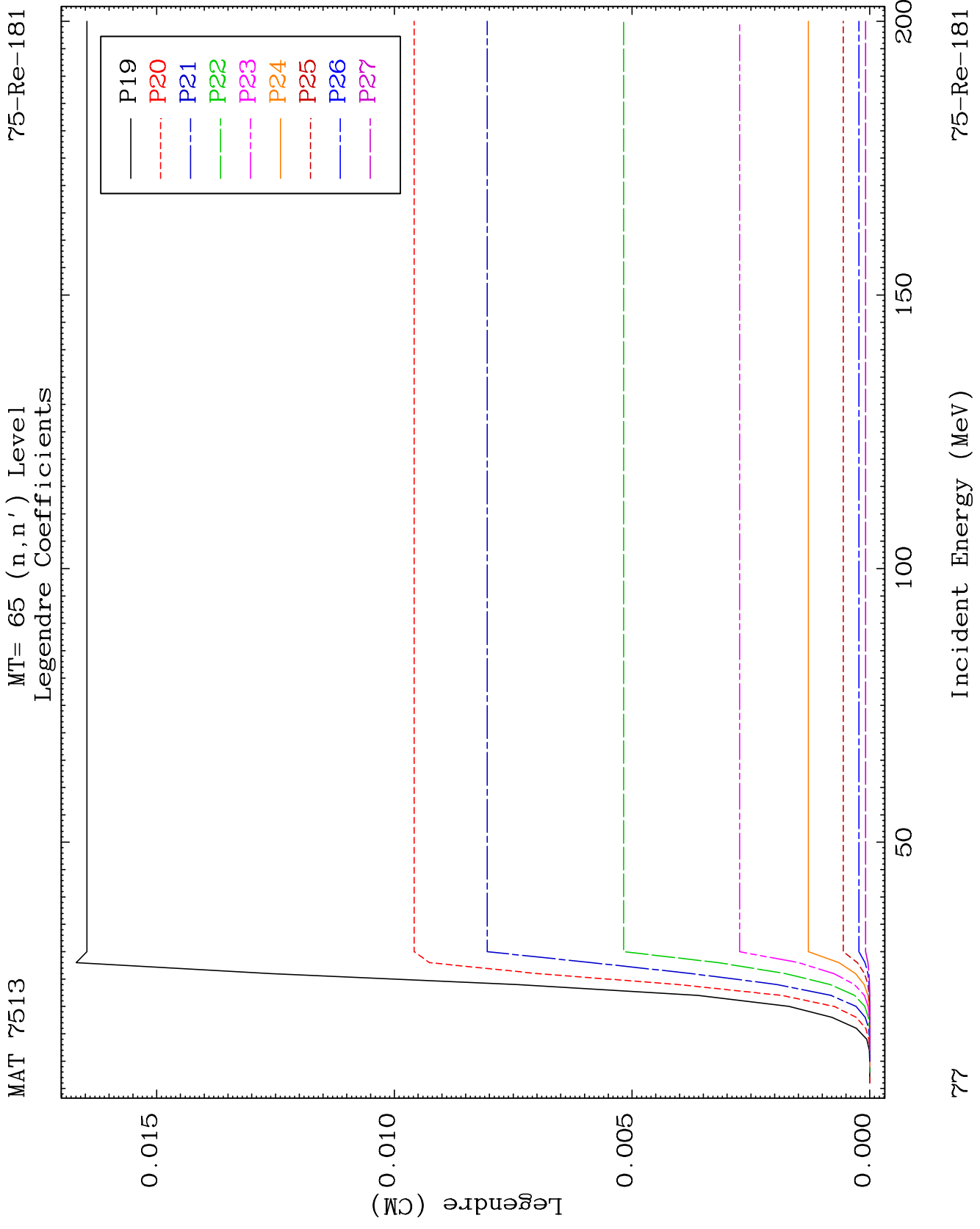
MT= 64 (n,n') Level  
Legendre Coefficients

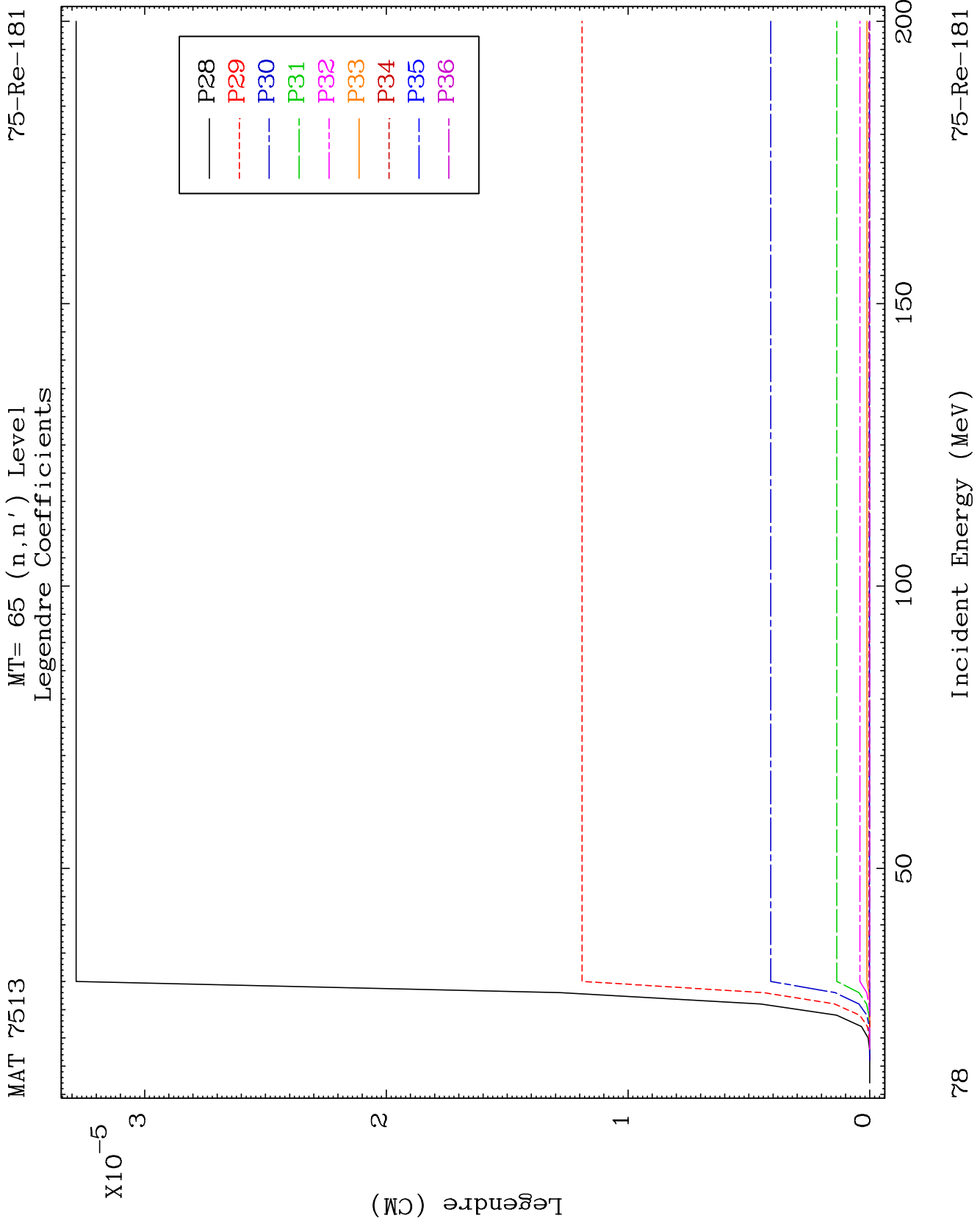
75-Re-181





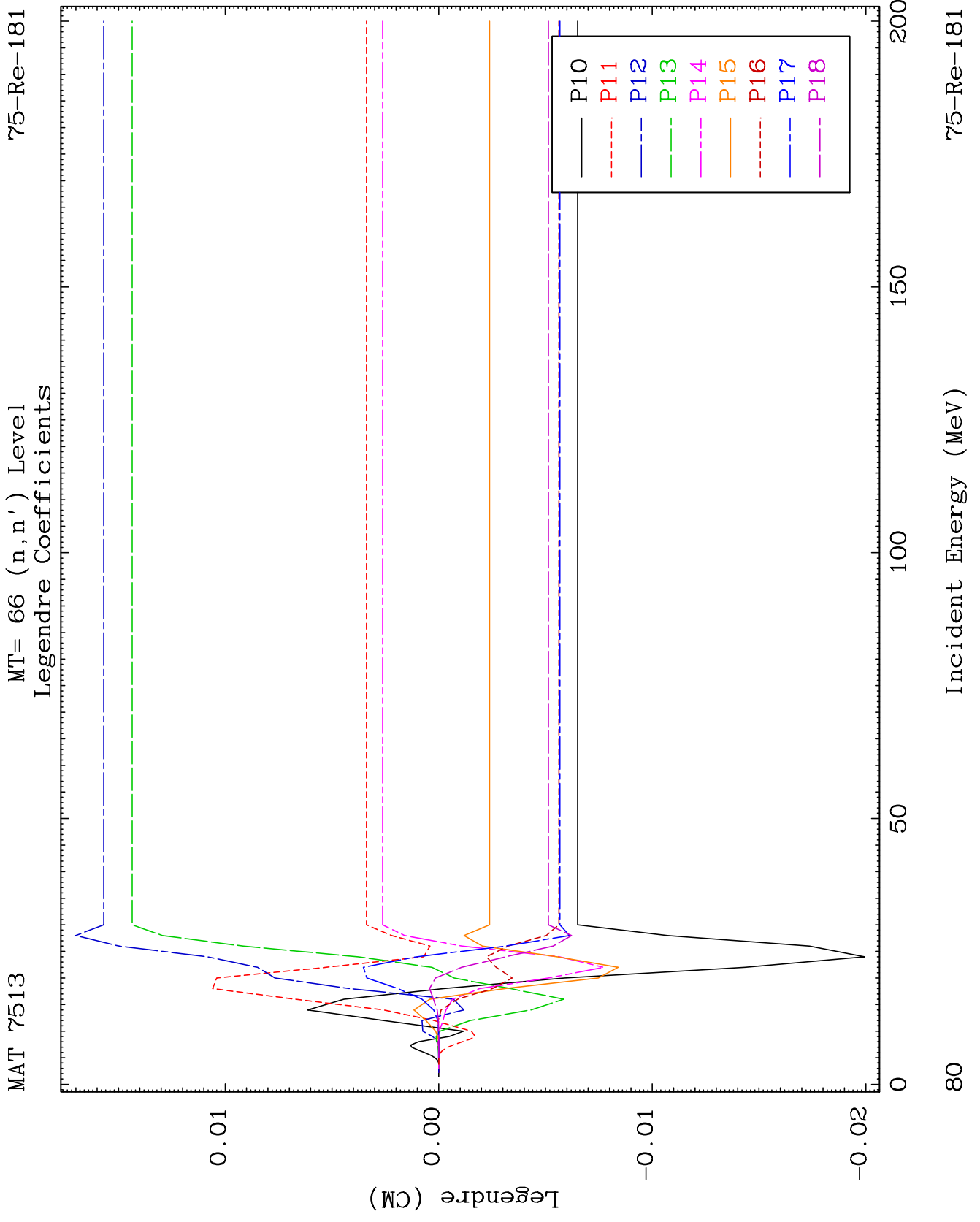








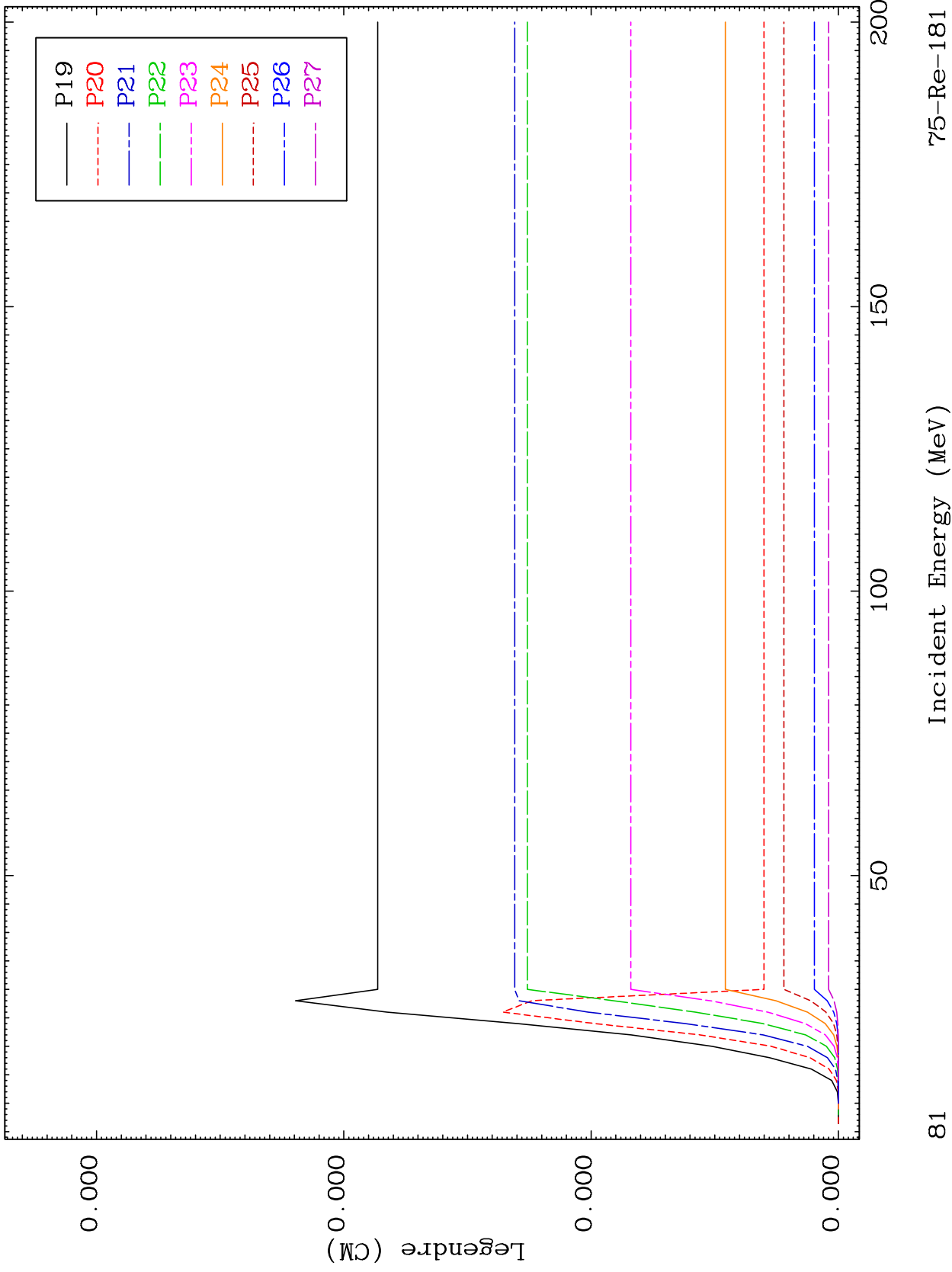




MAT 7513

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

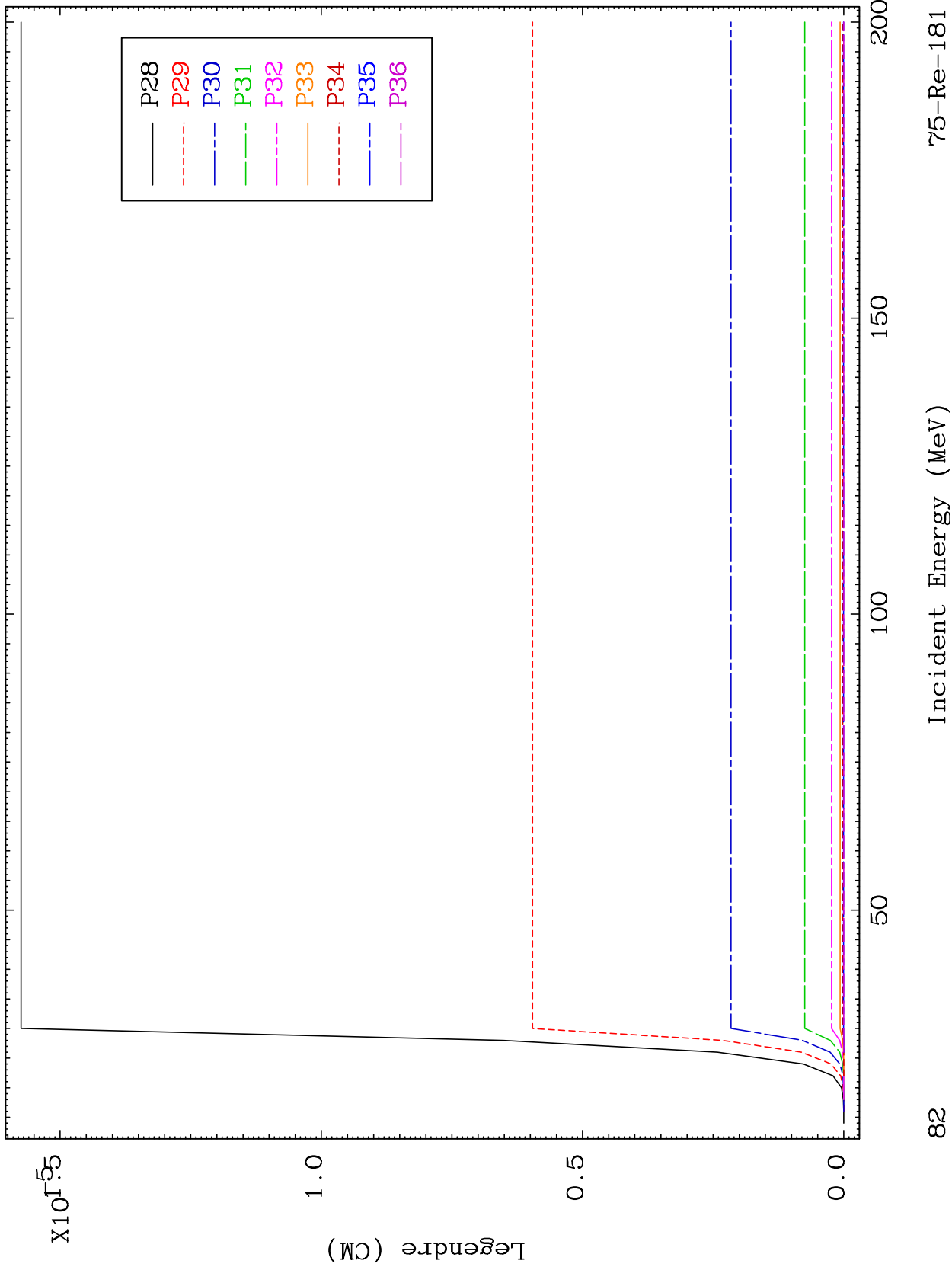
75-Re-181



MAT 7513

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

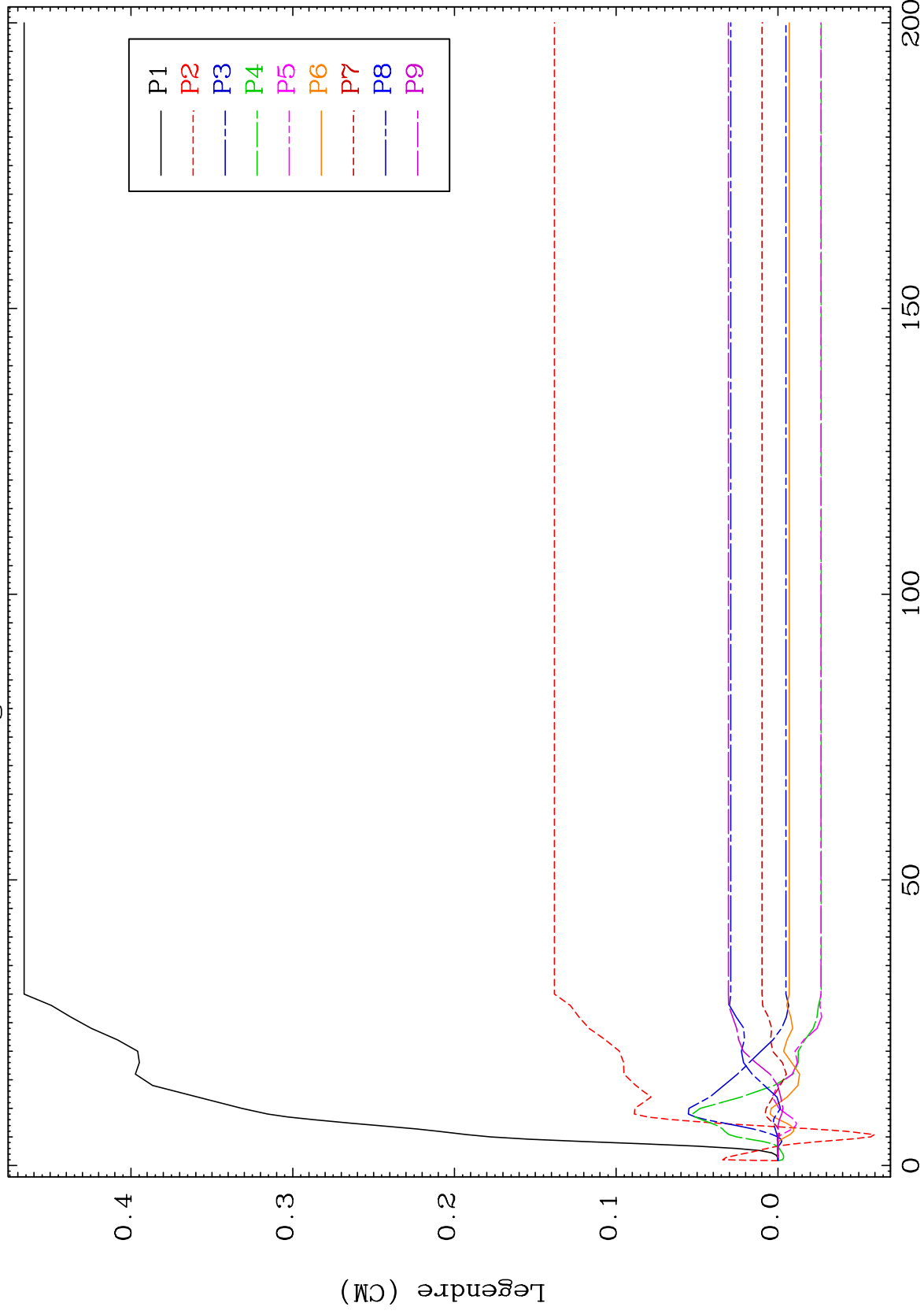
75-Re-181



MAT 7513

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

75-Re-181



83

Incident Energy (MeV)

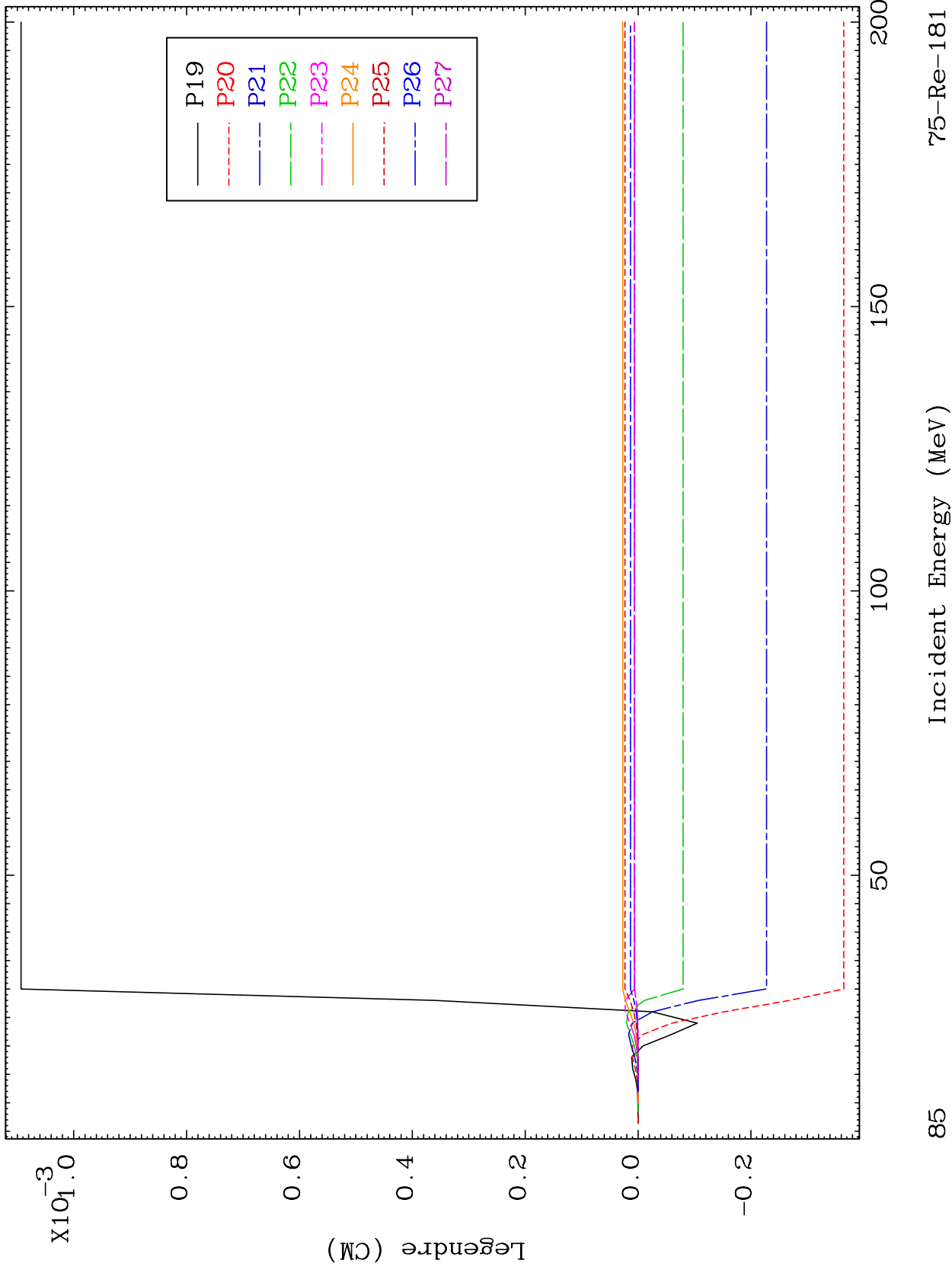
75-Re-181



MAT 7513

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

75-Re-181



85

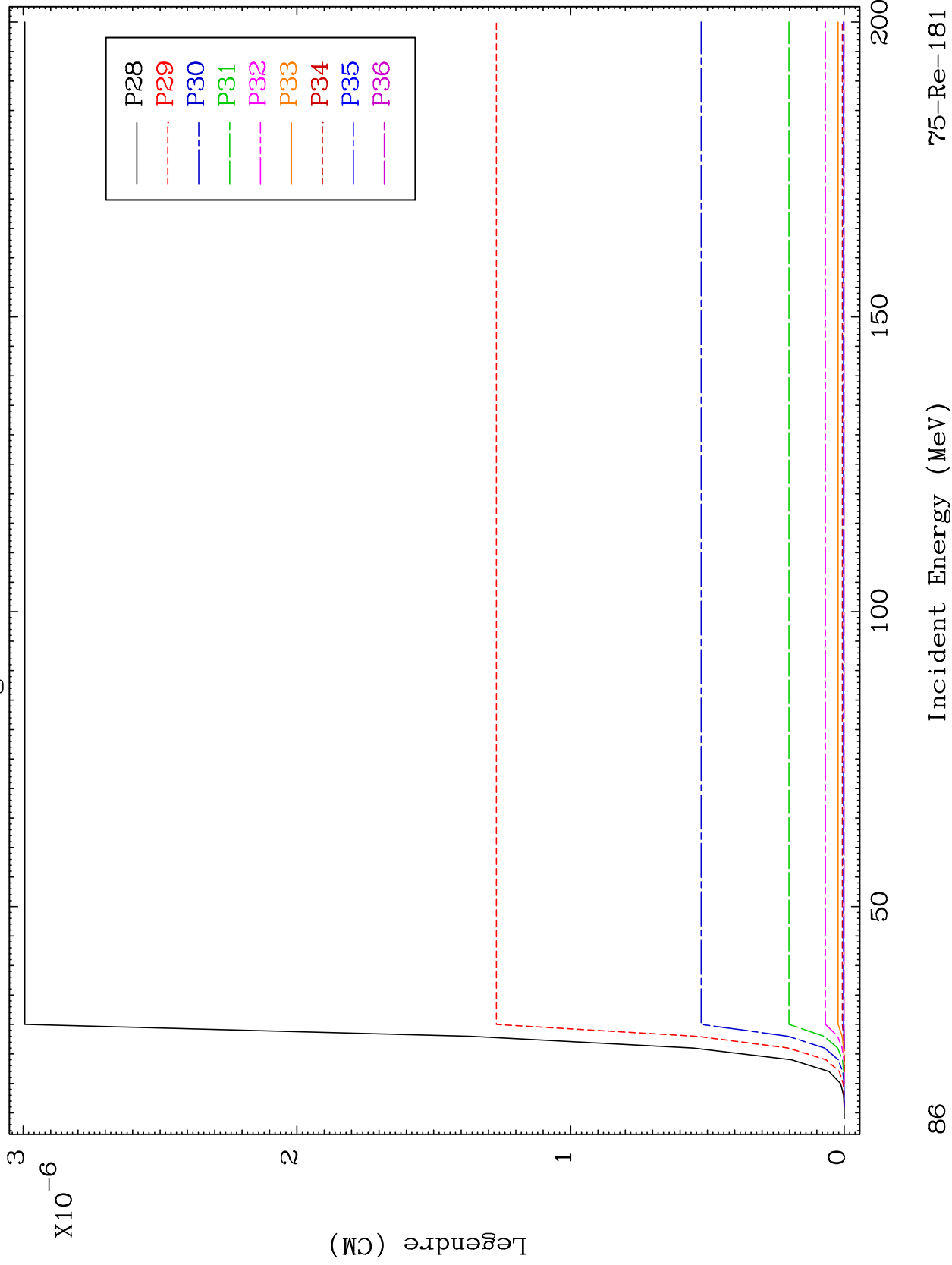
Incident Energy (MeV)

75-Re-181

MAT 7513

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

75-Re-181



86

Incident Energy (MeV)

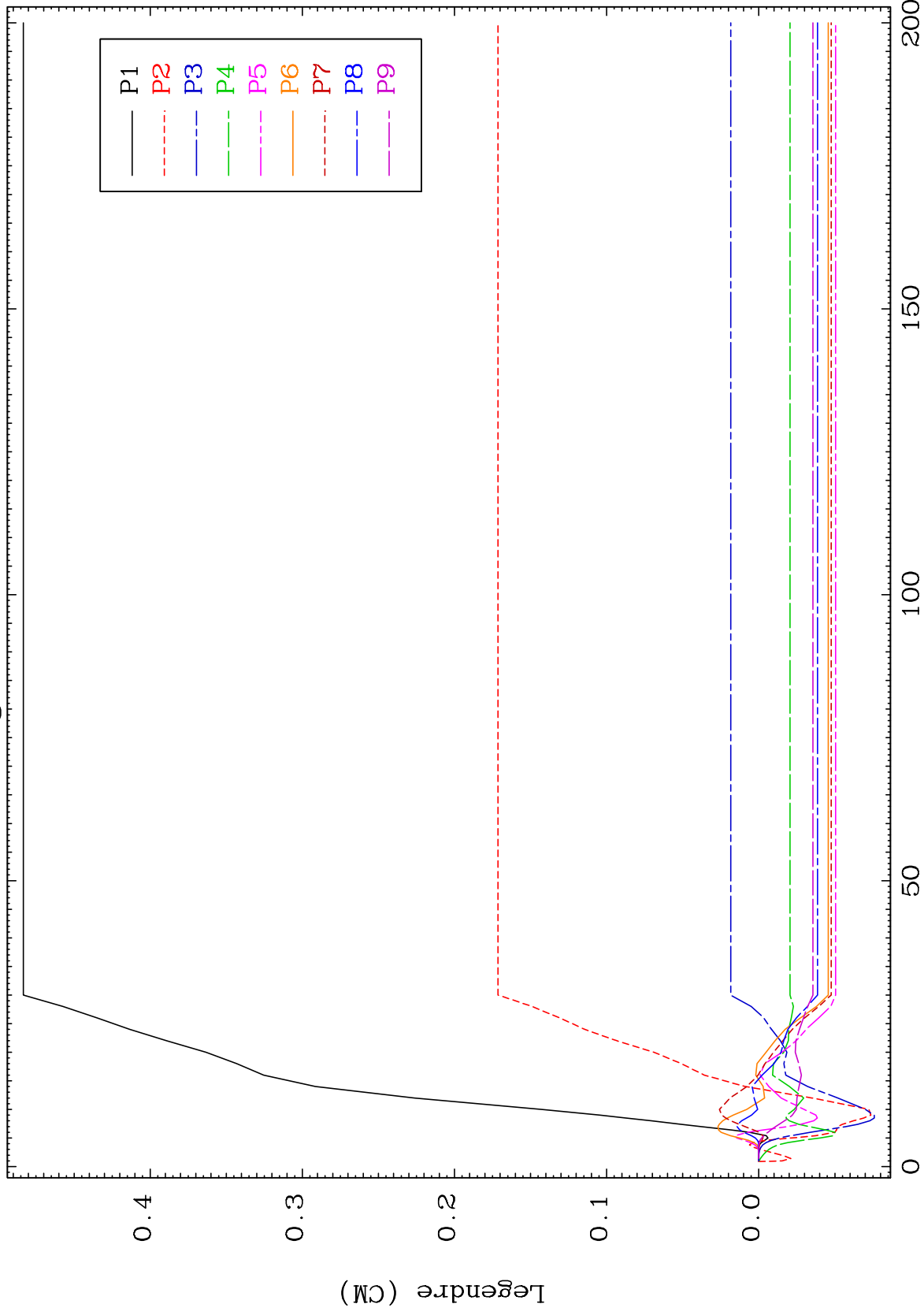
75-Re-181

MAT 7513

MT= 68 (n,n') Level

75-Re-181

Legendre Coefficients



87

Incident Energy (MeV)

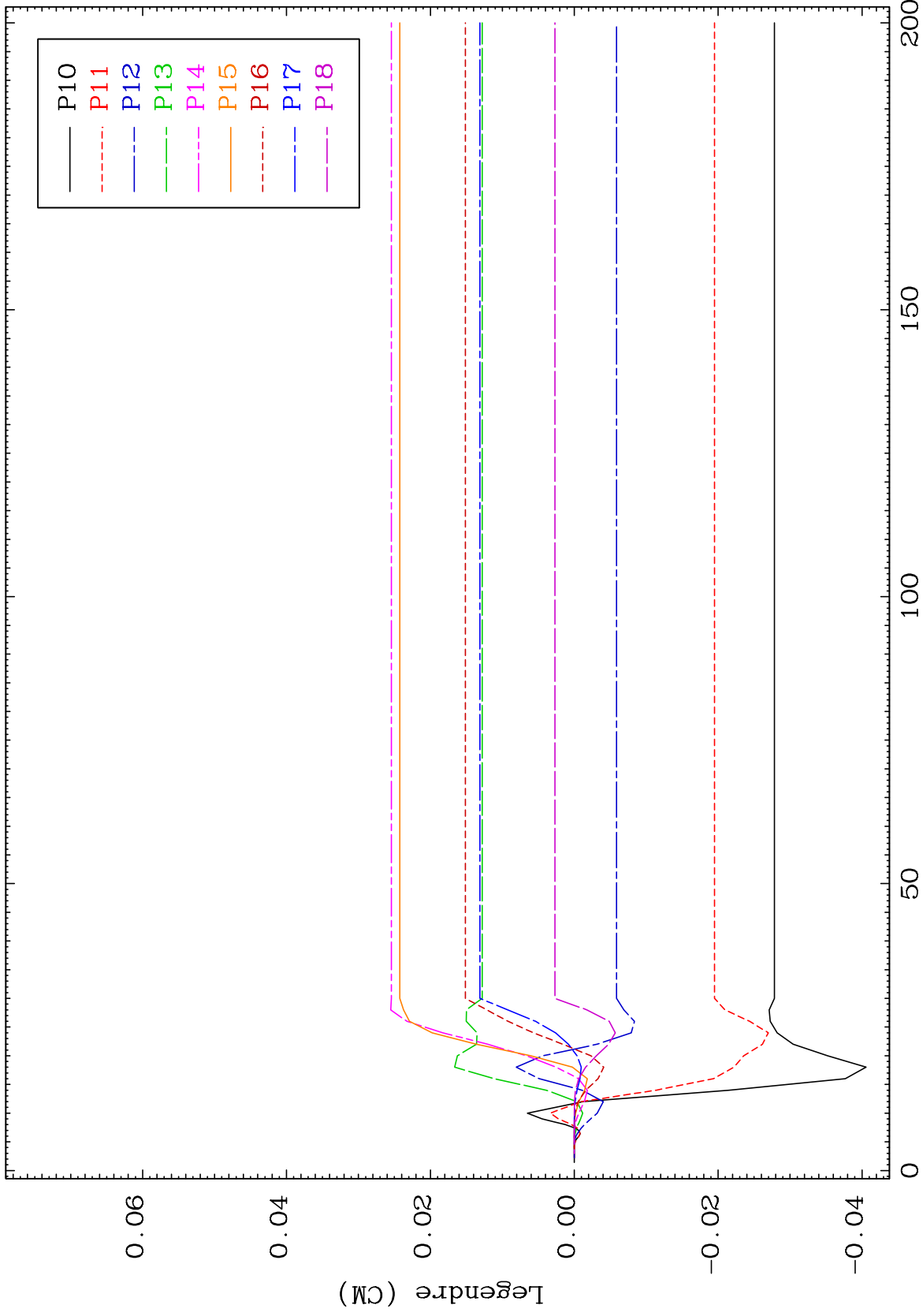
75-Re-181



MAT 7513

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

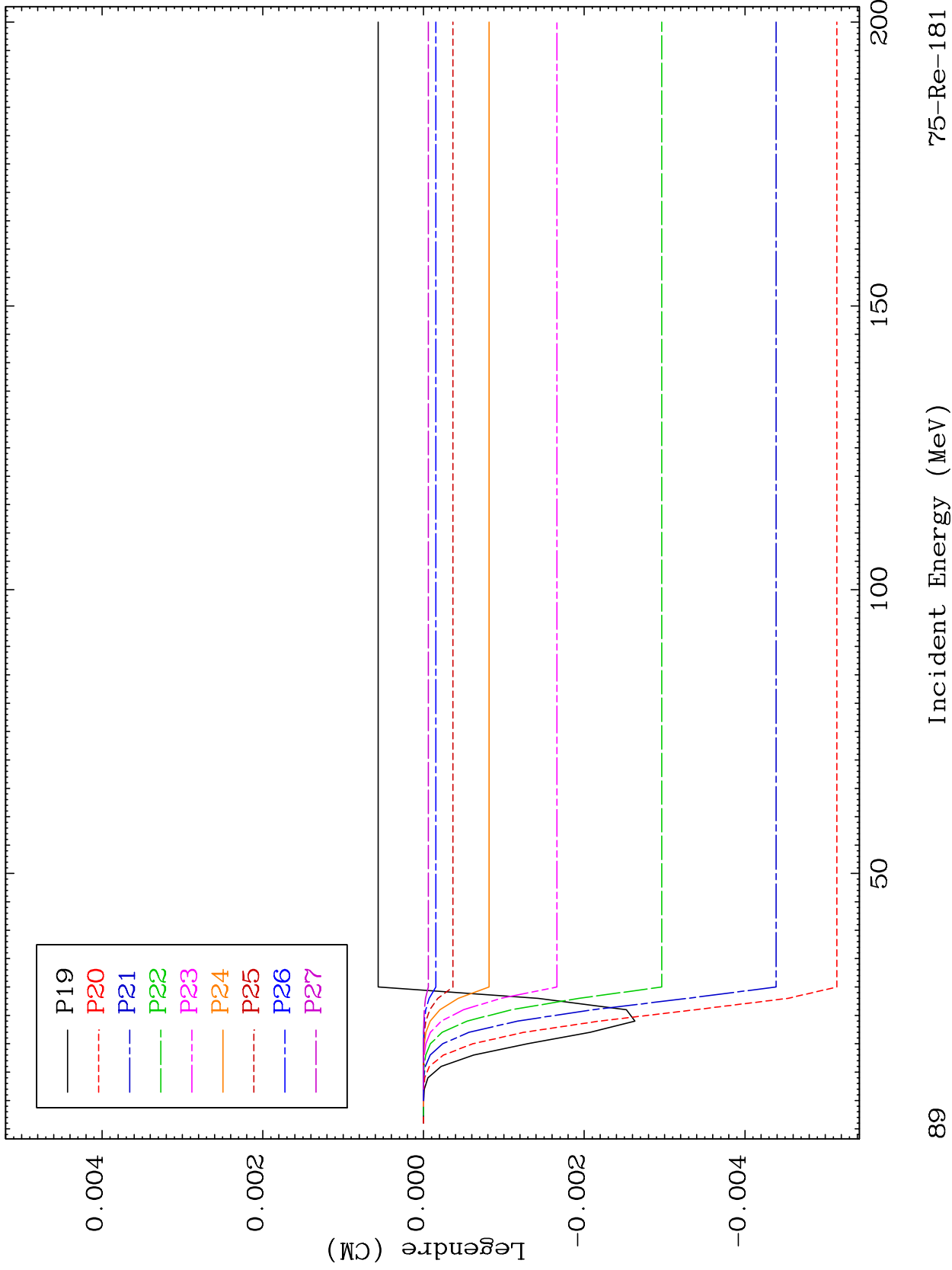
75-Re-181

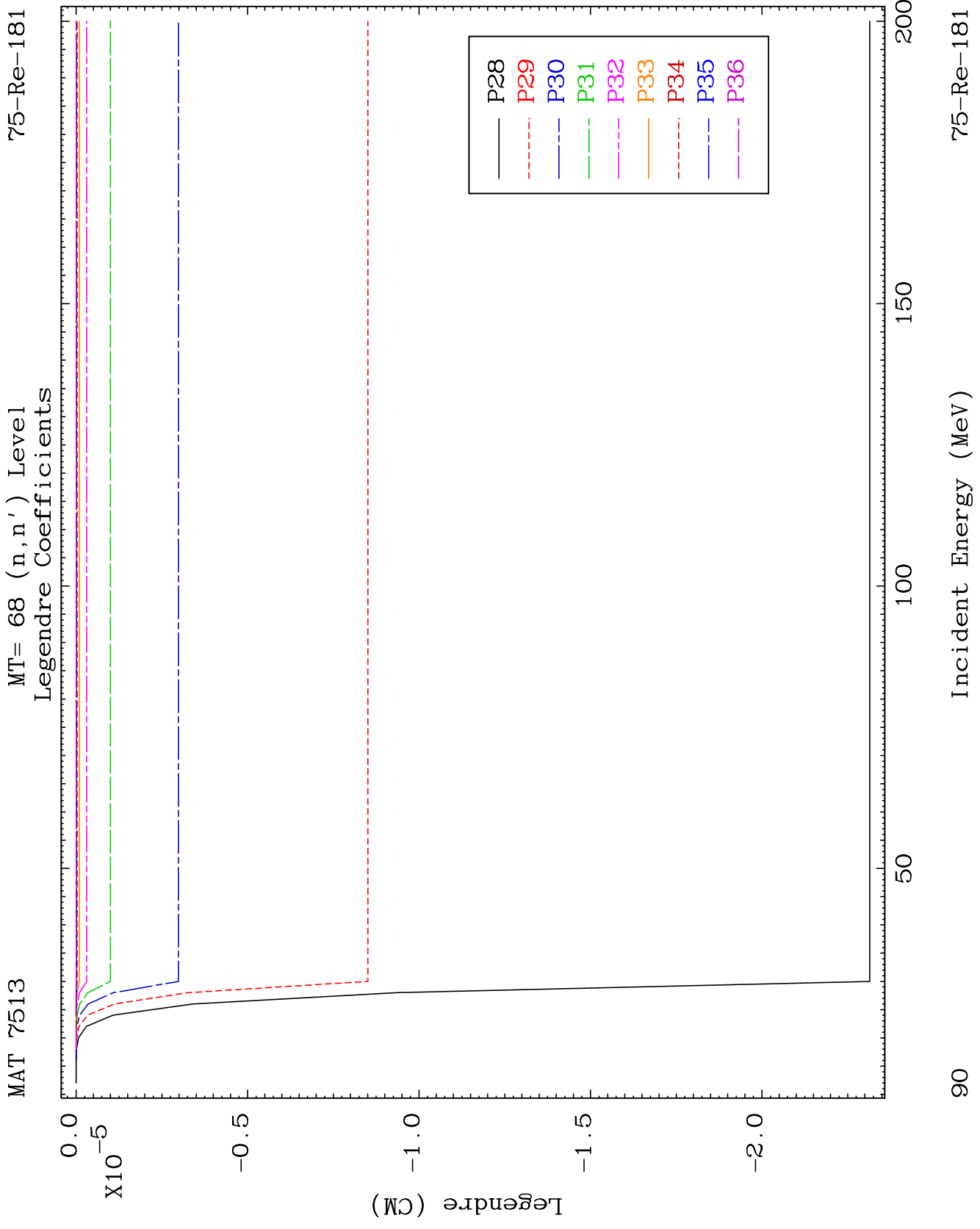


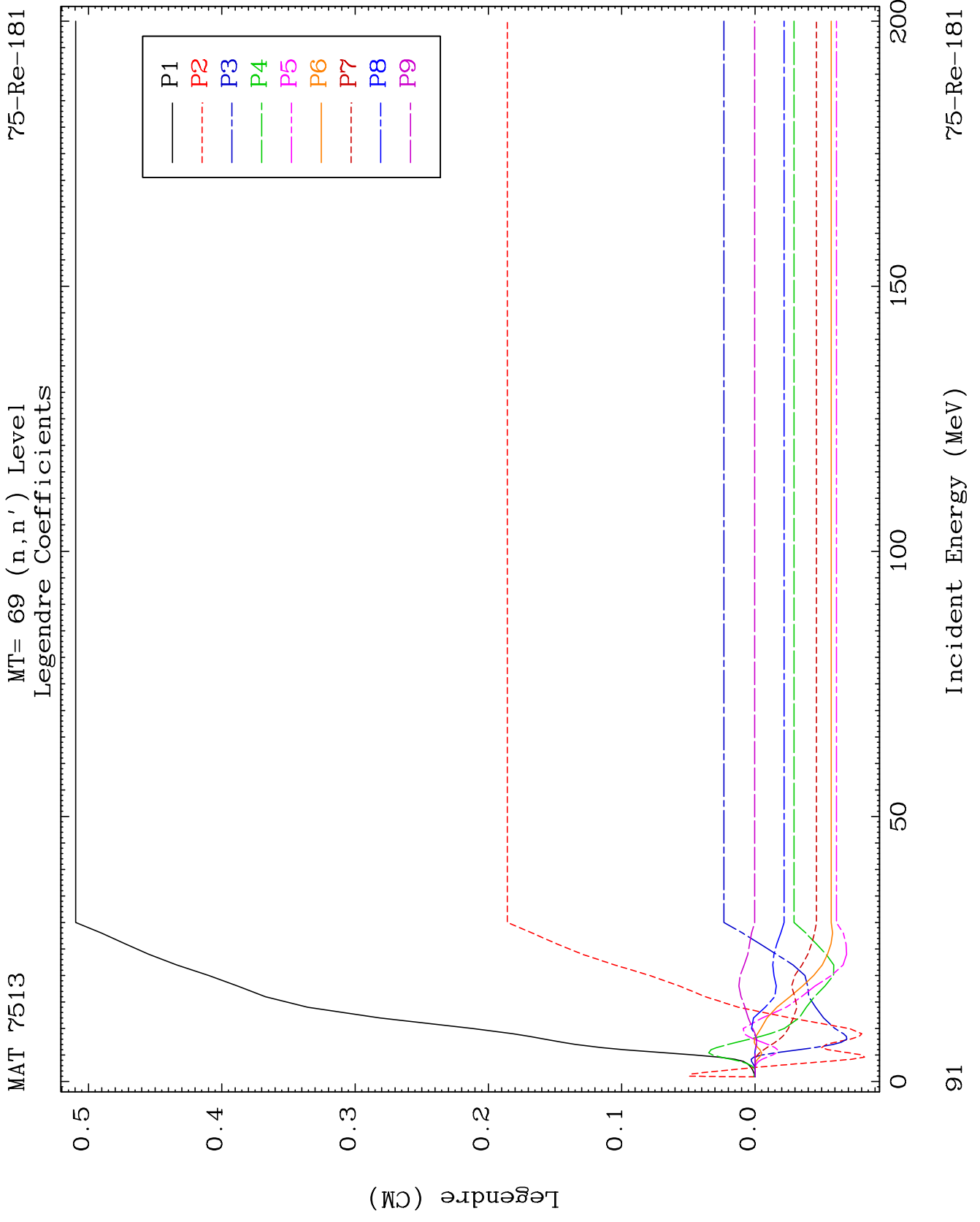
88

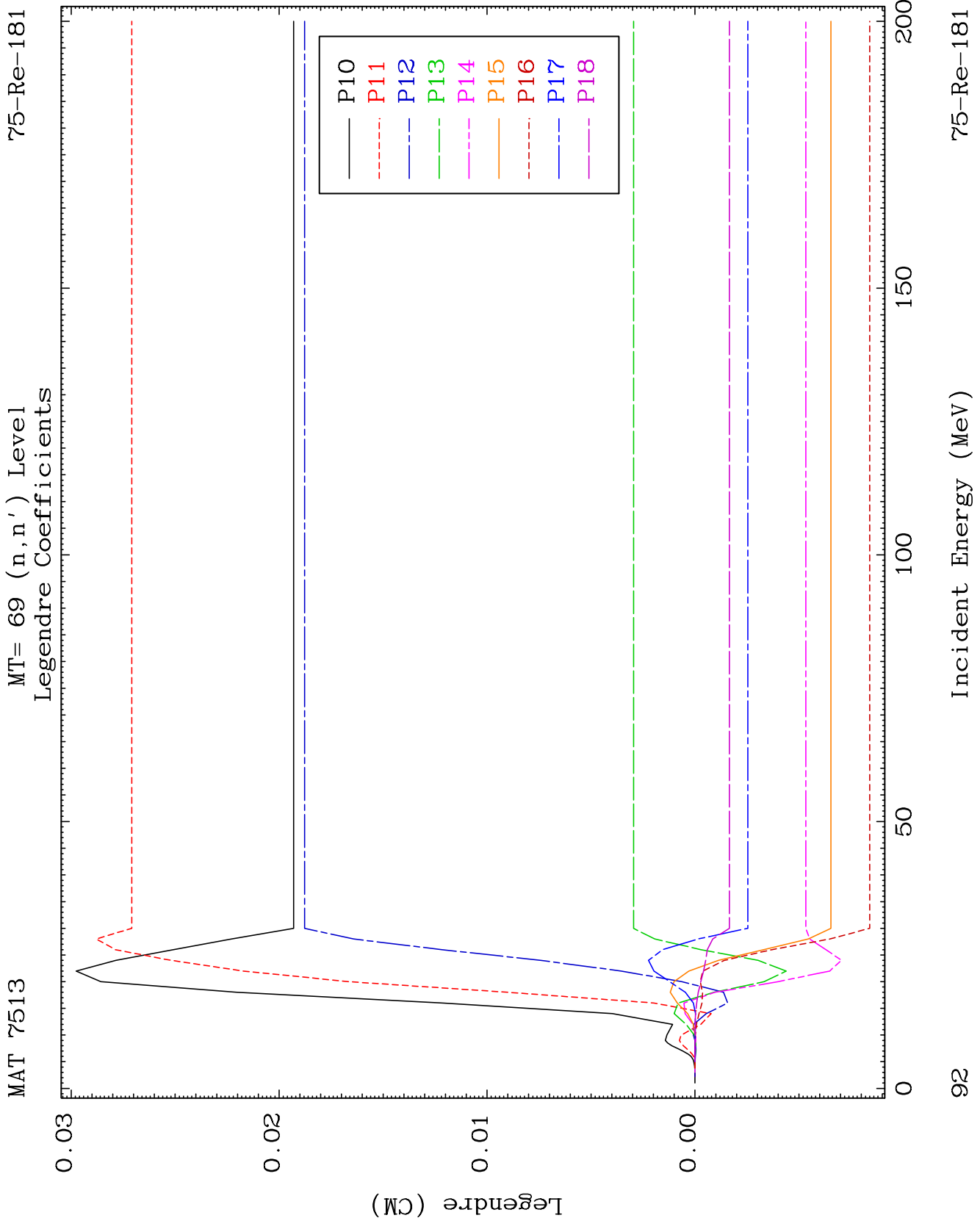
Incident Energy (MeV)

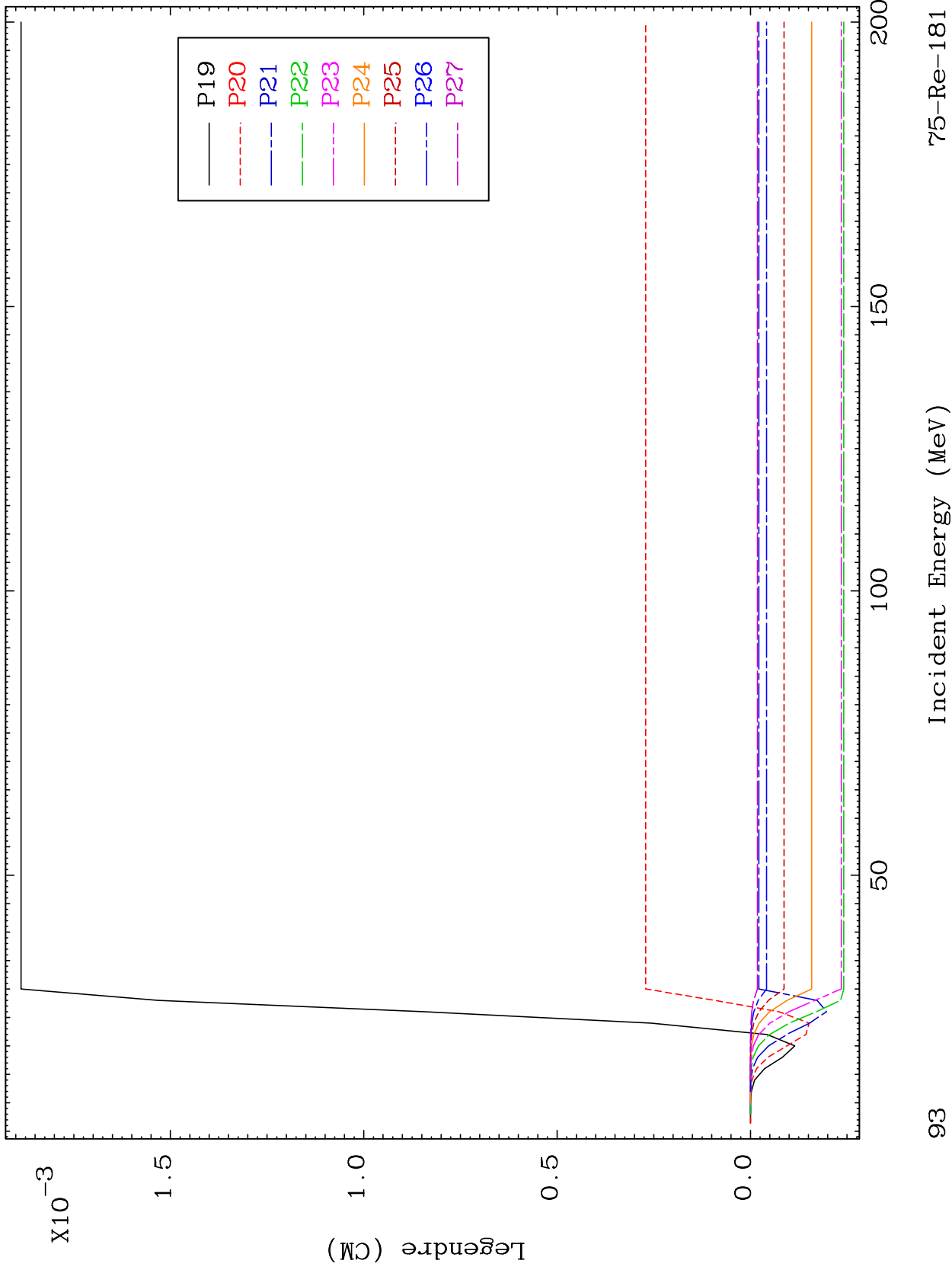
75-Re-181

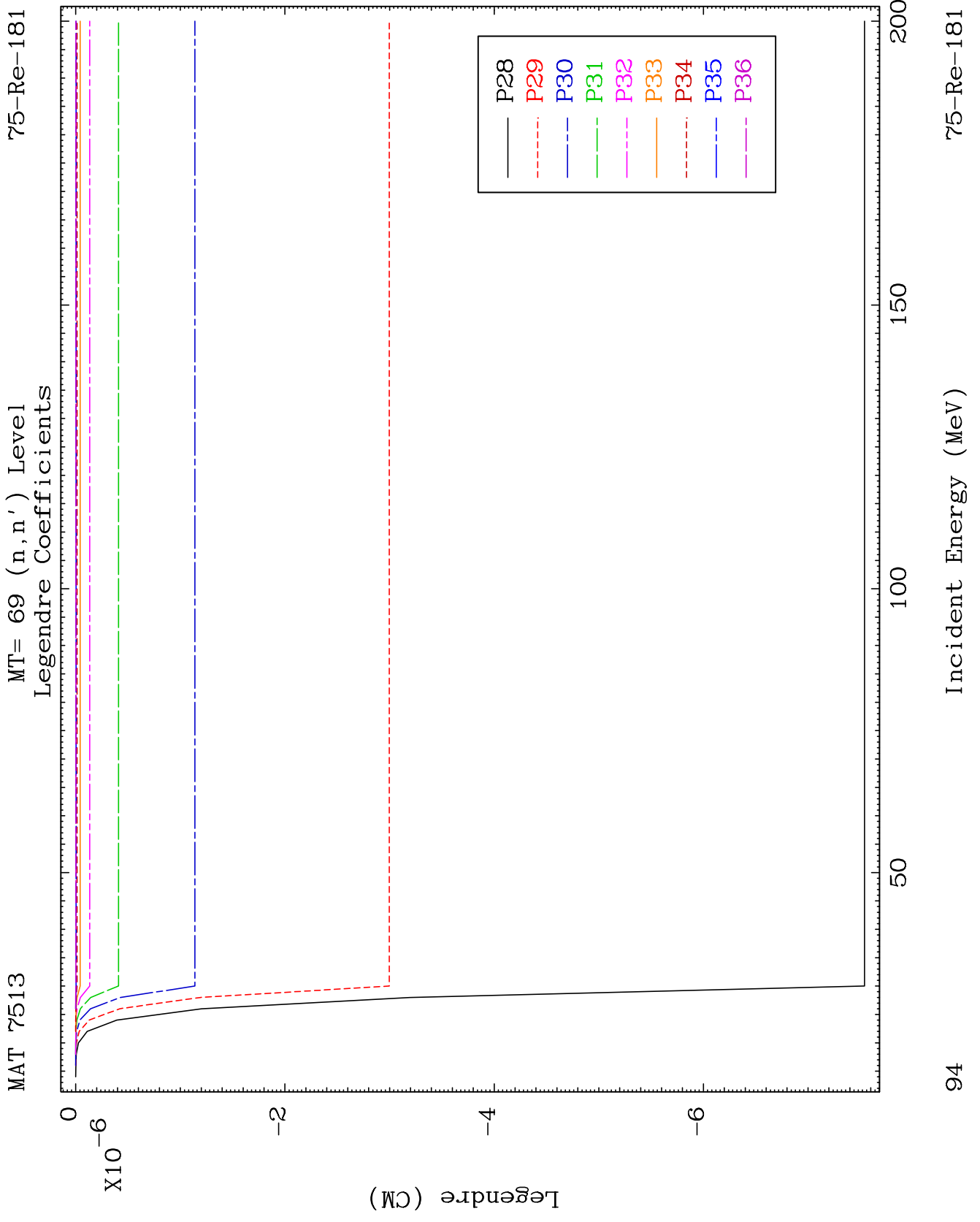


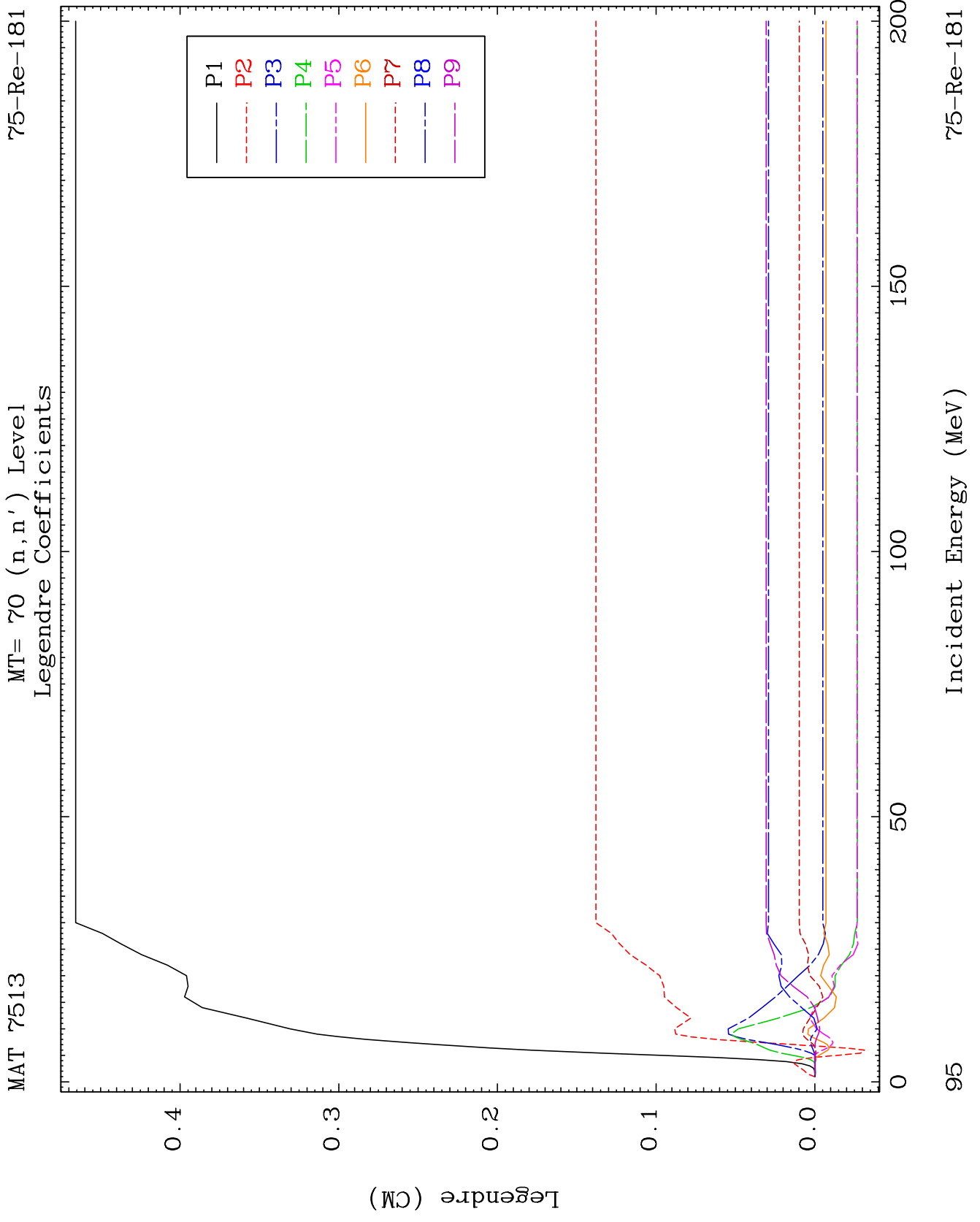




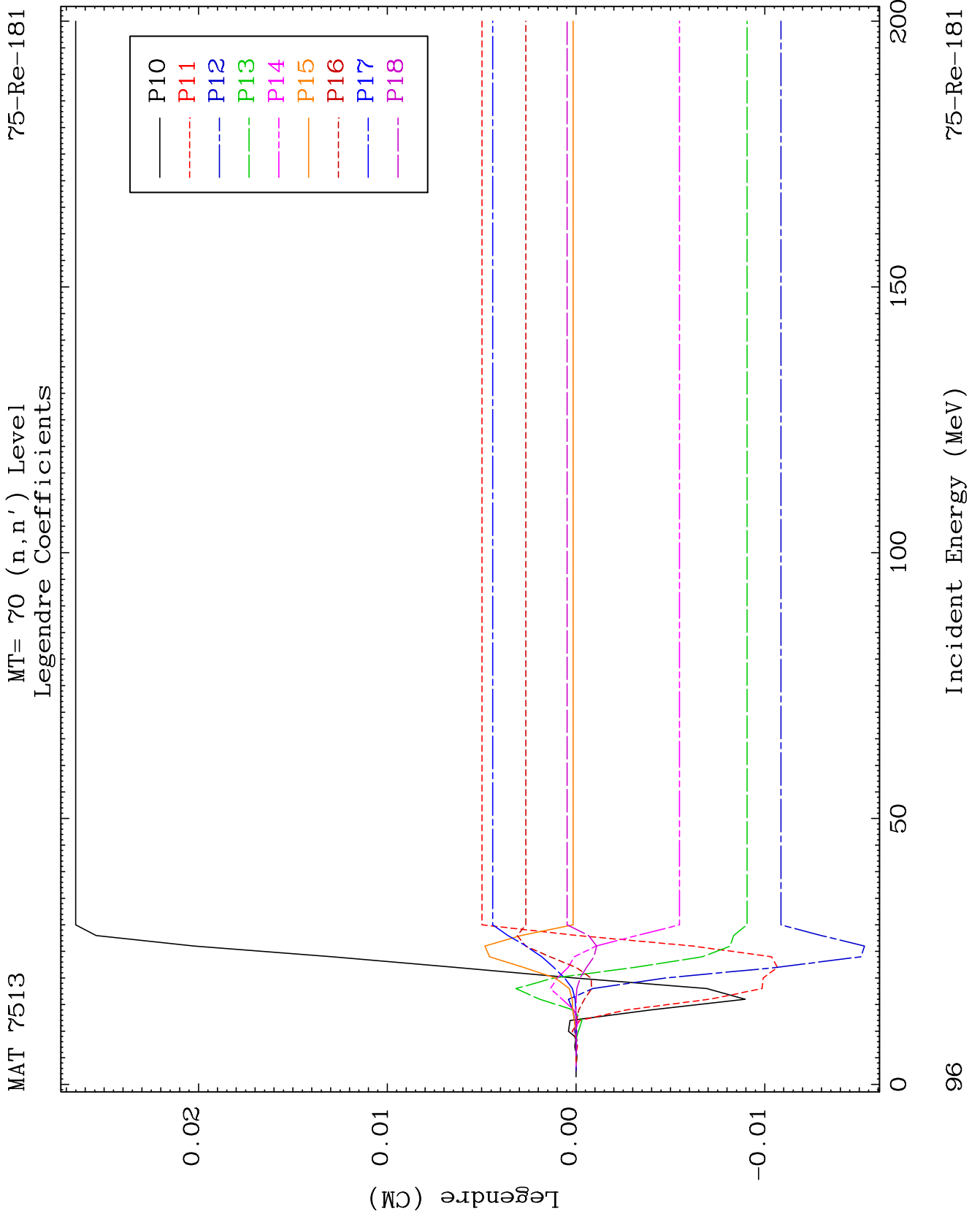








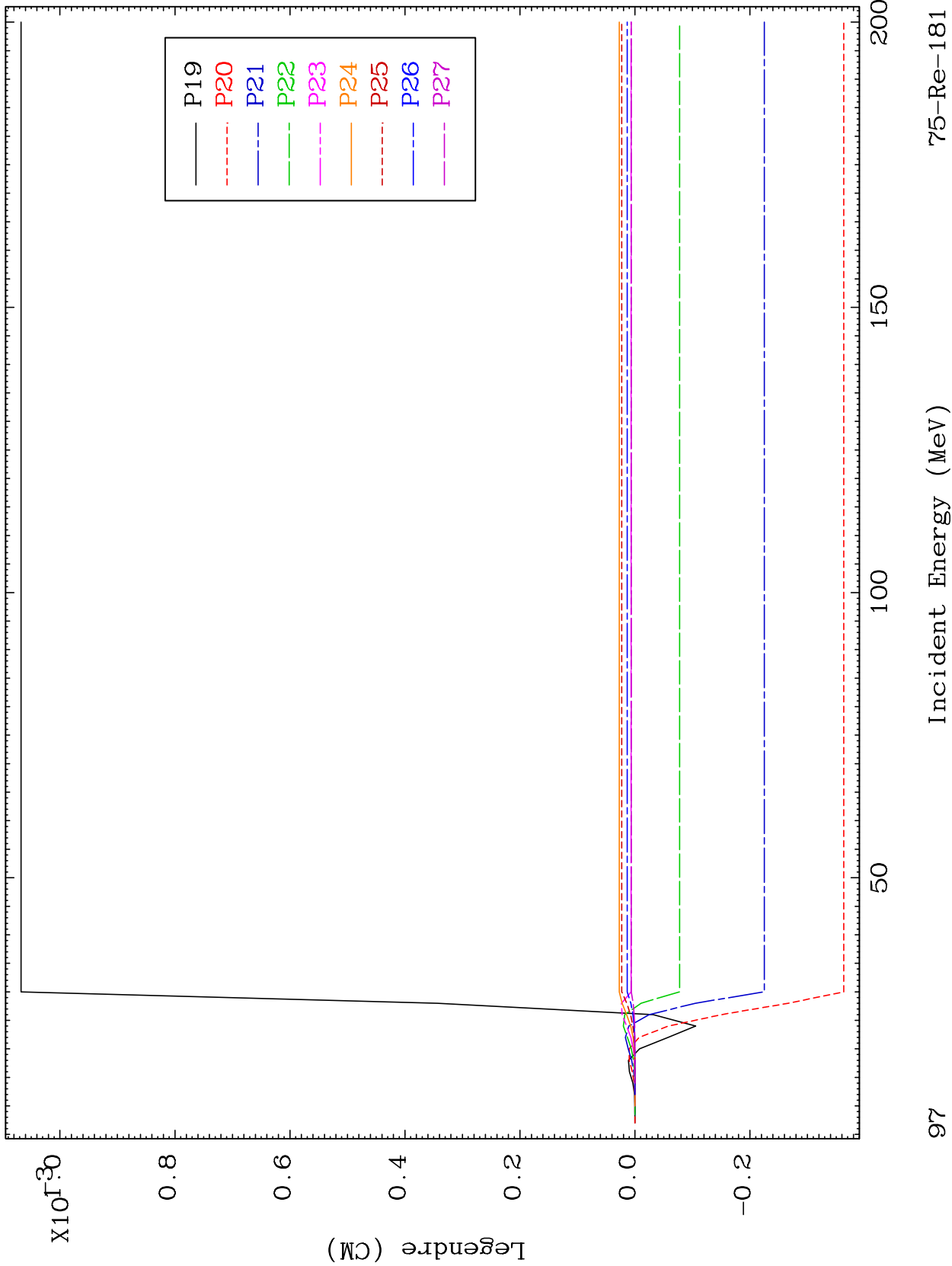




MAT 7513

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

75-Re-181



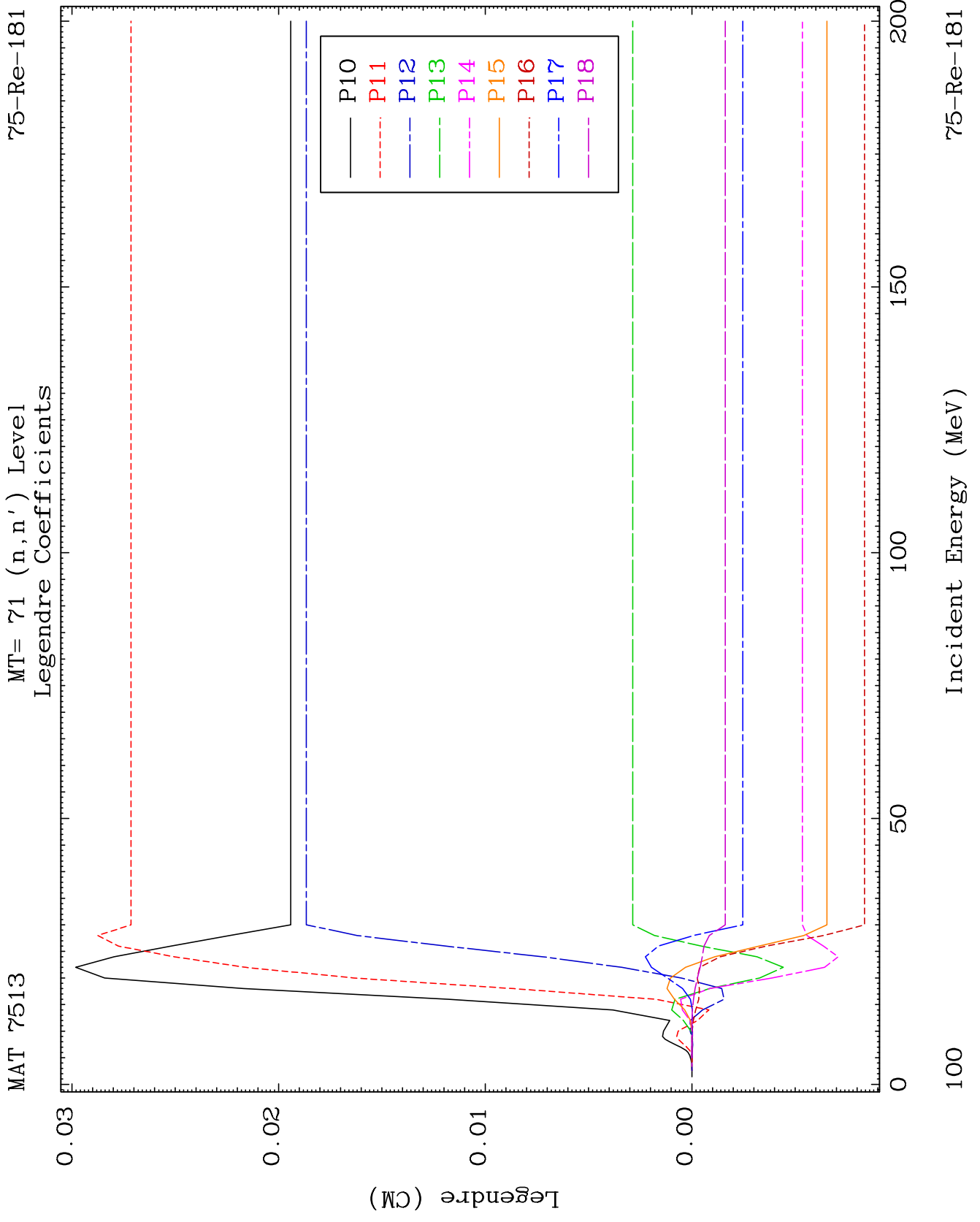
97

Incident Energy (MeV)

75-Re-181



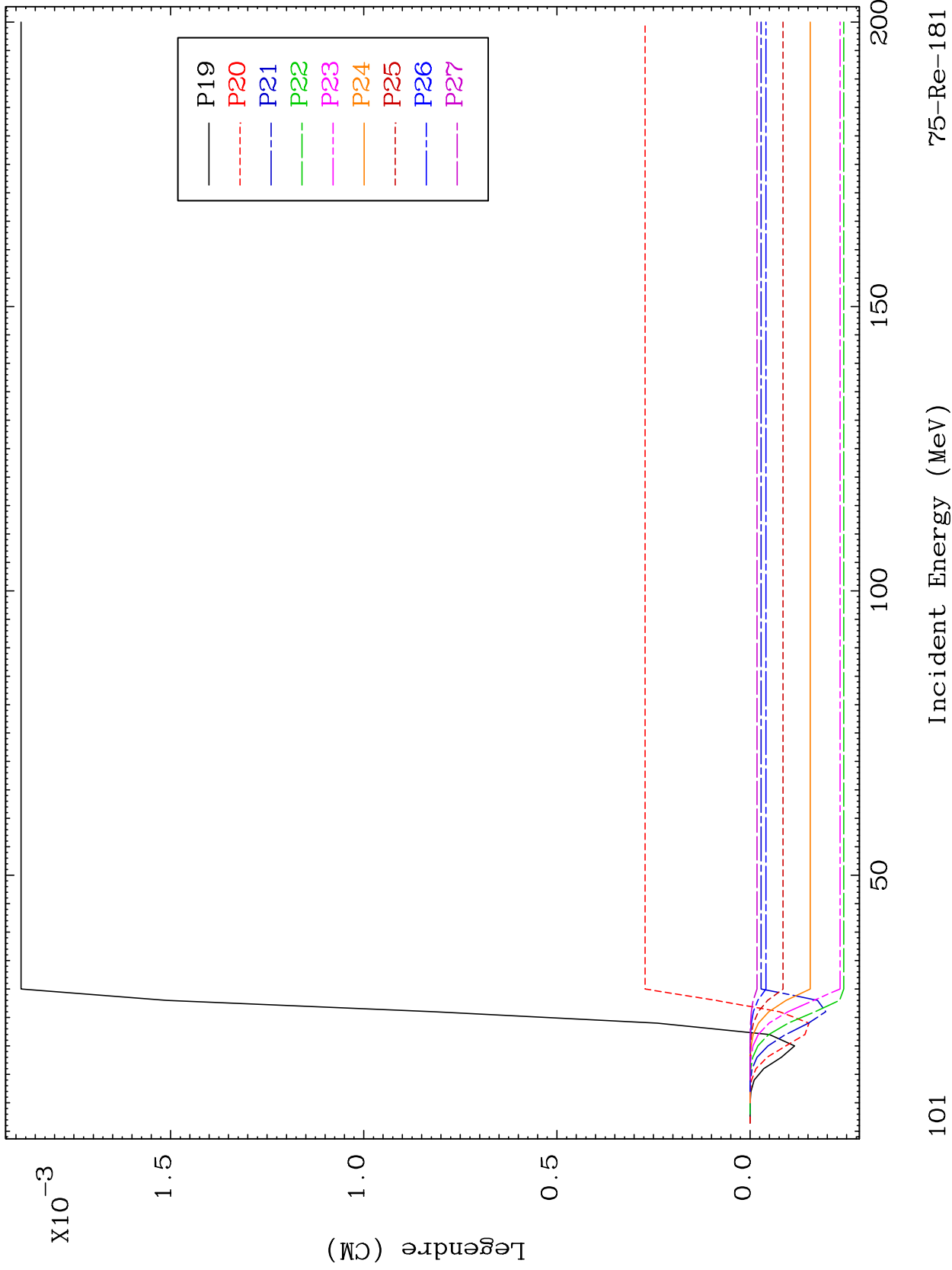




MAT 7513

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

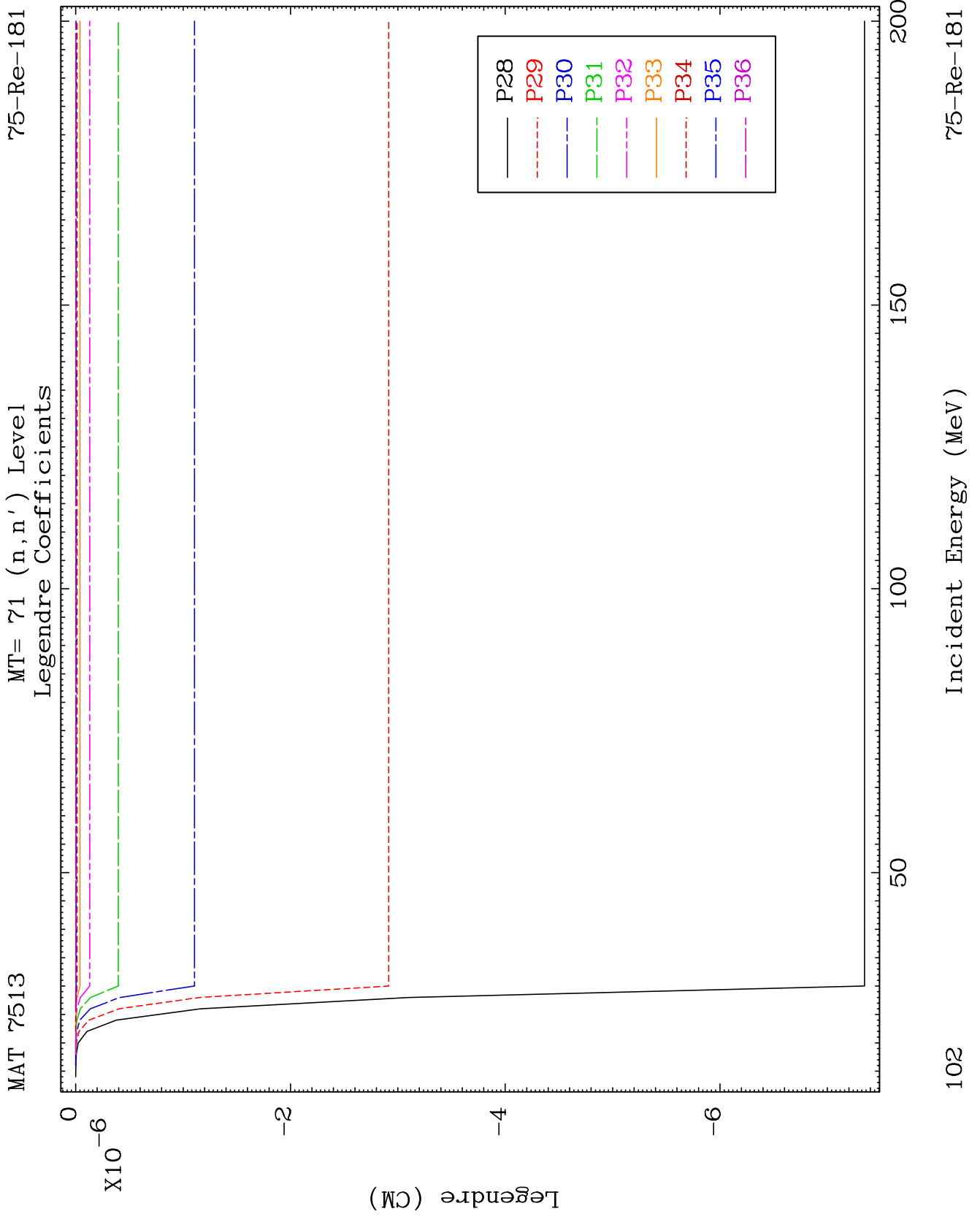
75-Re-181



101

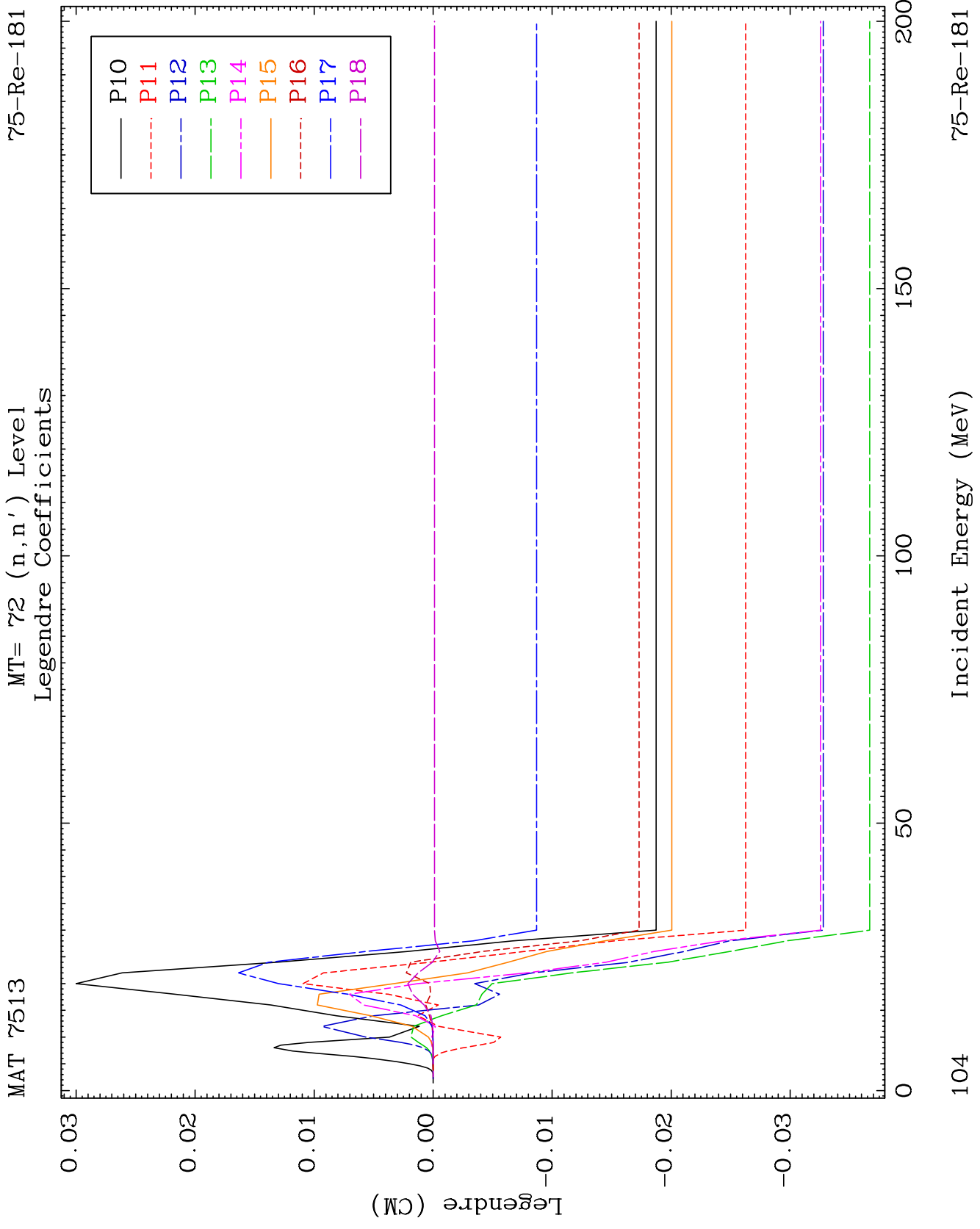
Incident Energy (MeV)

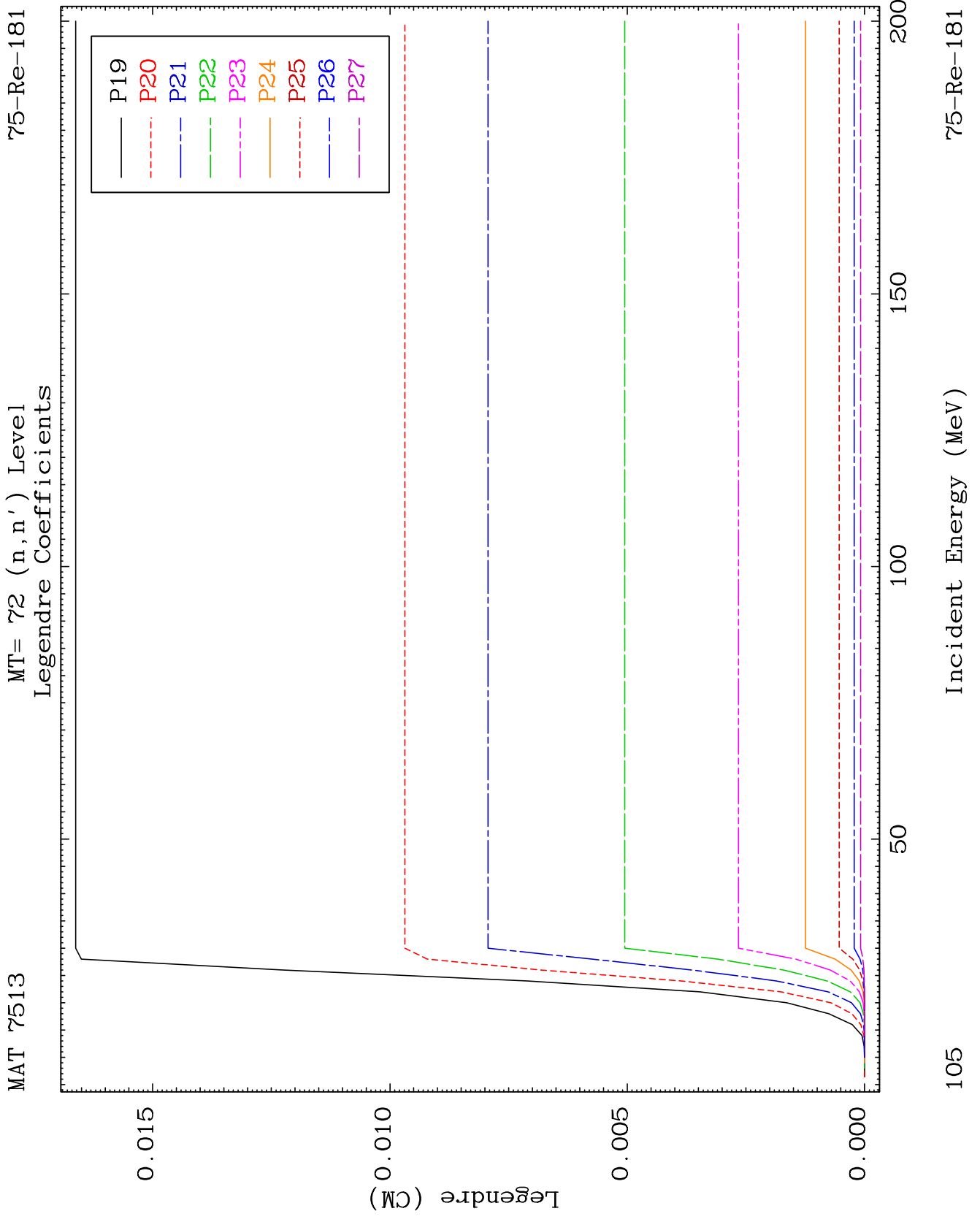
75-Re-181







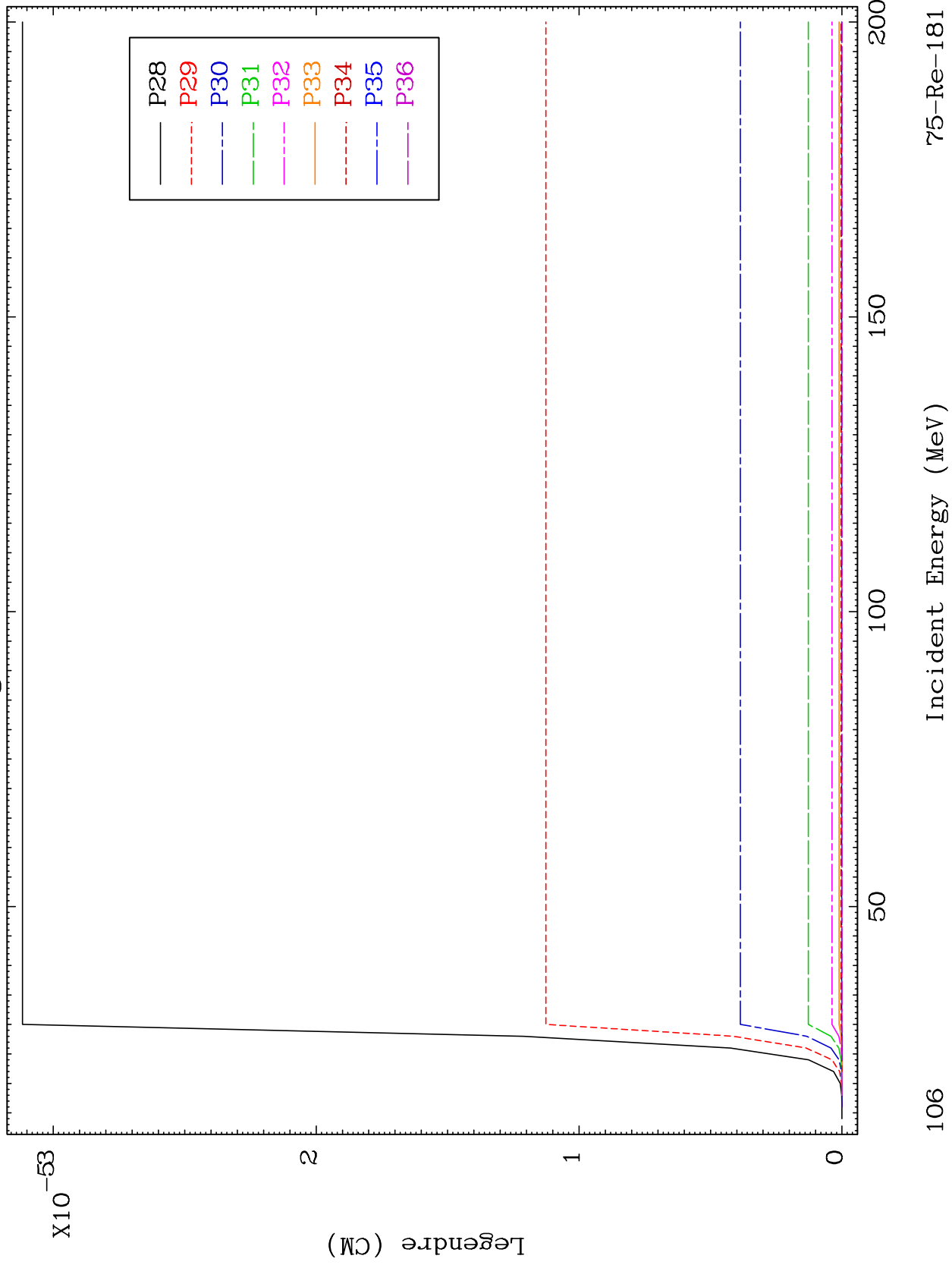


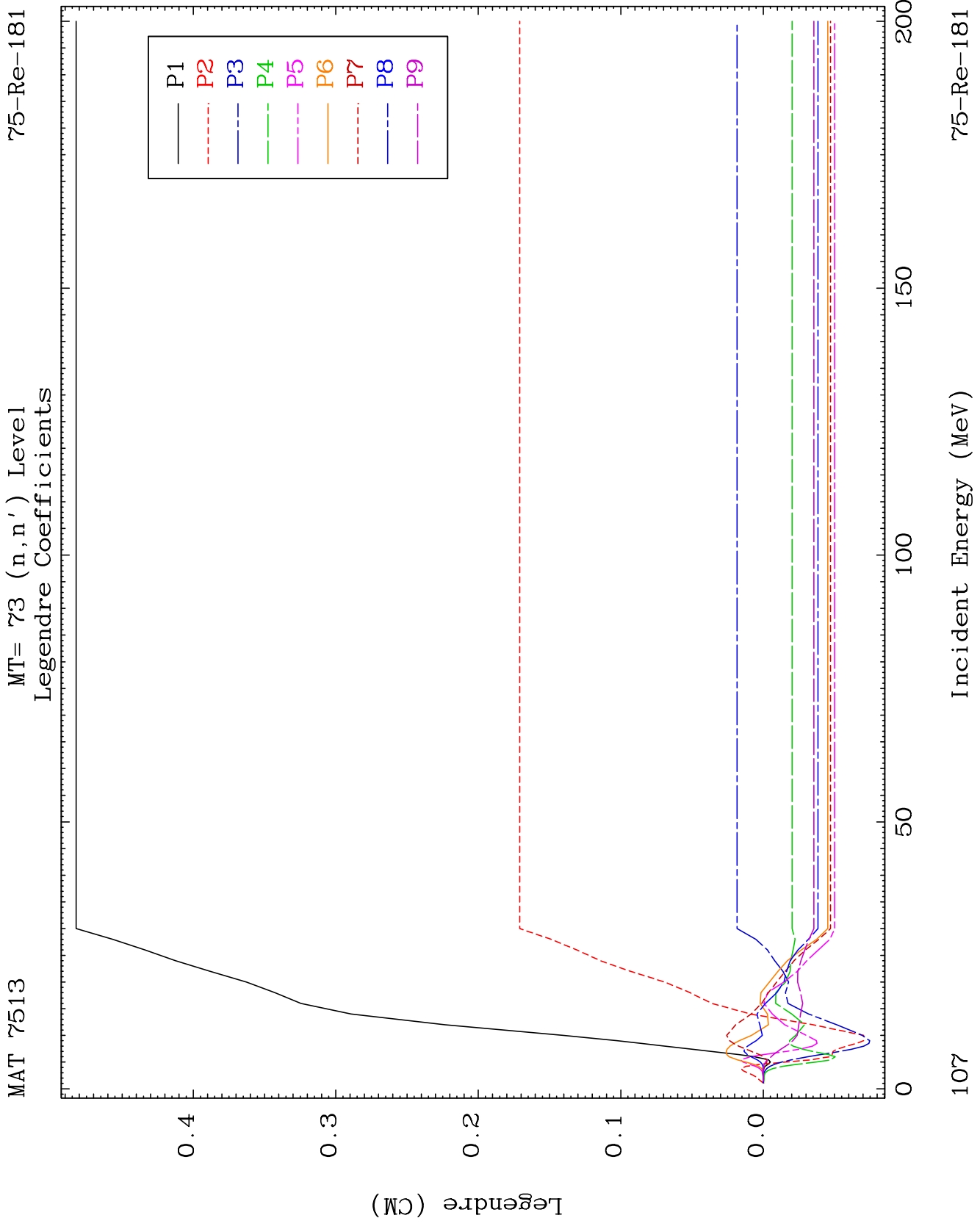


MAT 7513

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

75-Re-181

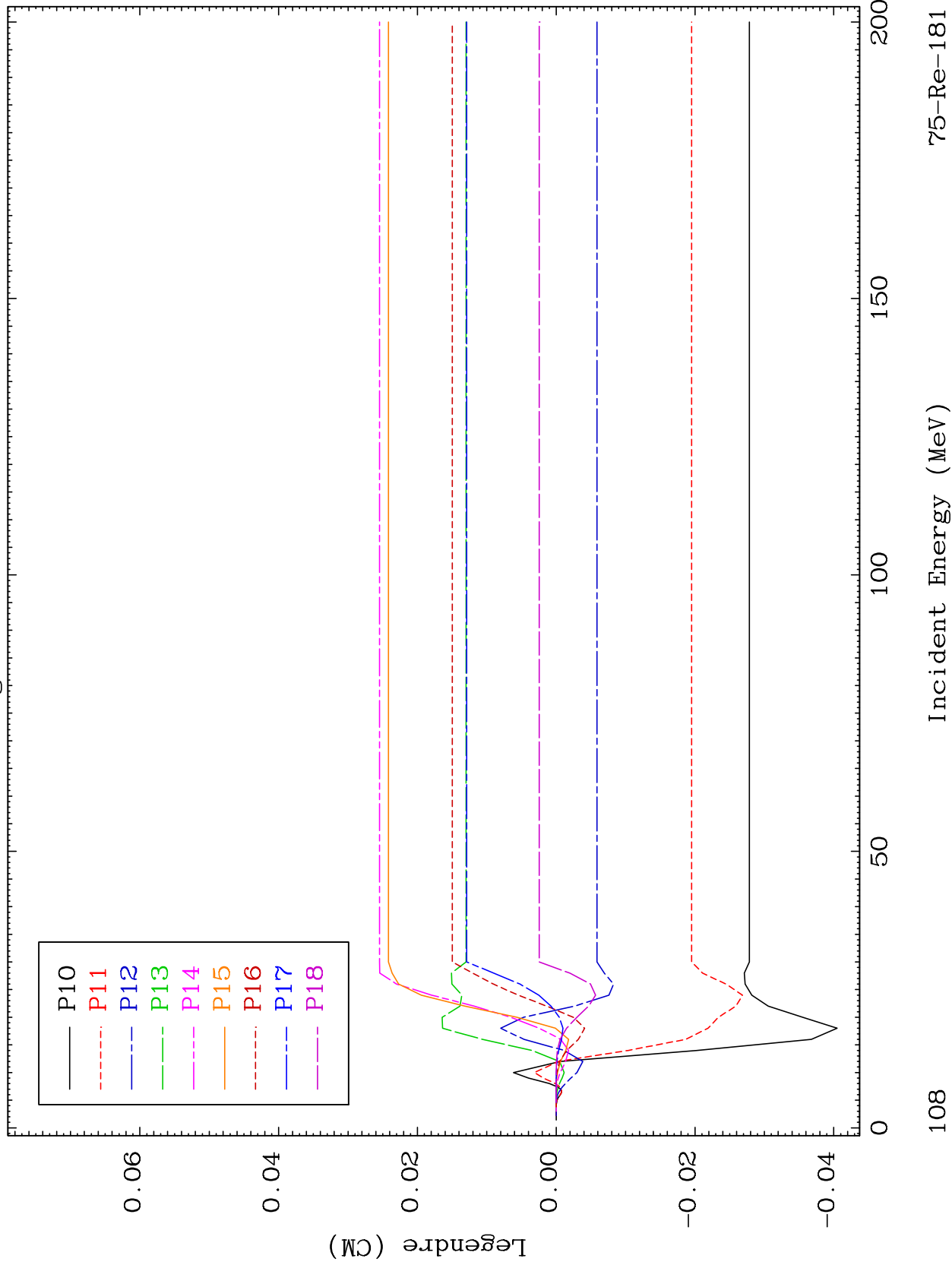




MAT 7513

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

75-Re-181



75-Re-181

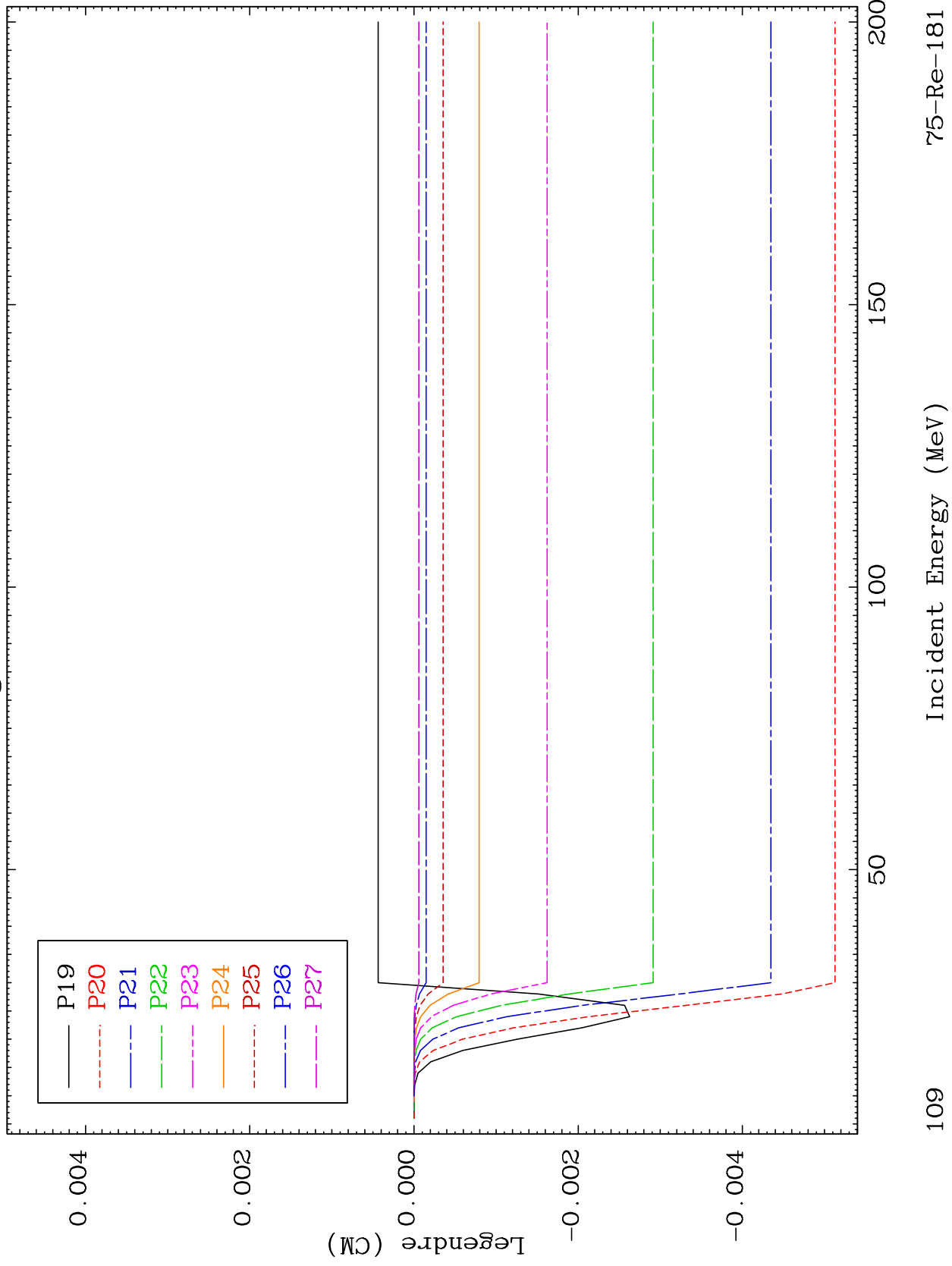
Incident Energy (MeV)

108

MAT 7513

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

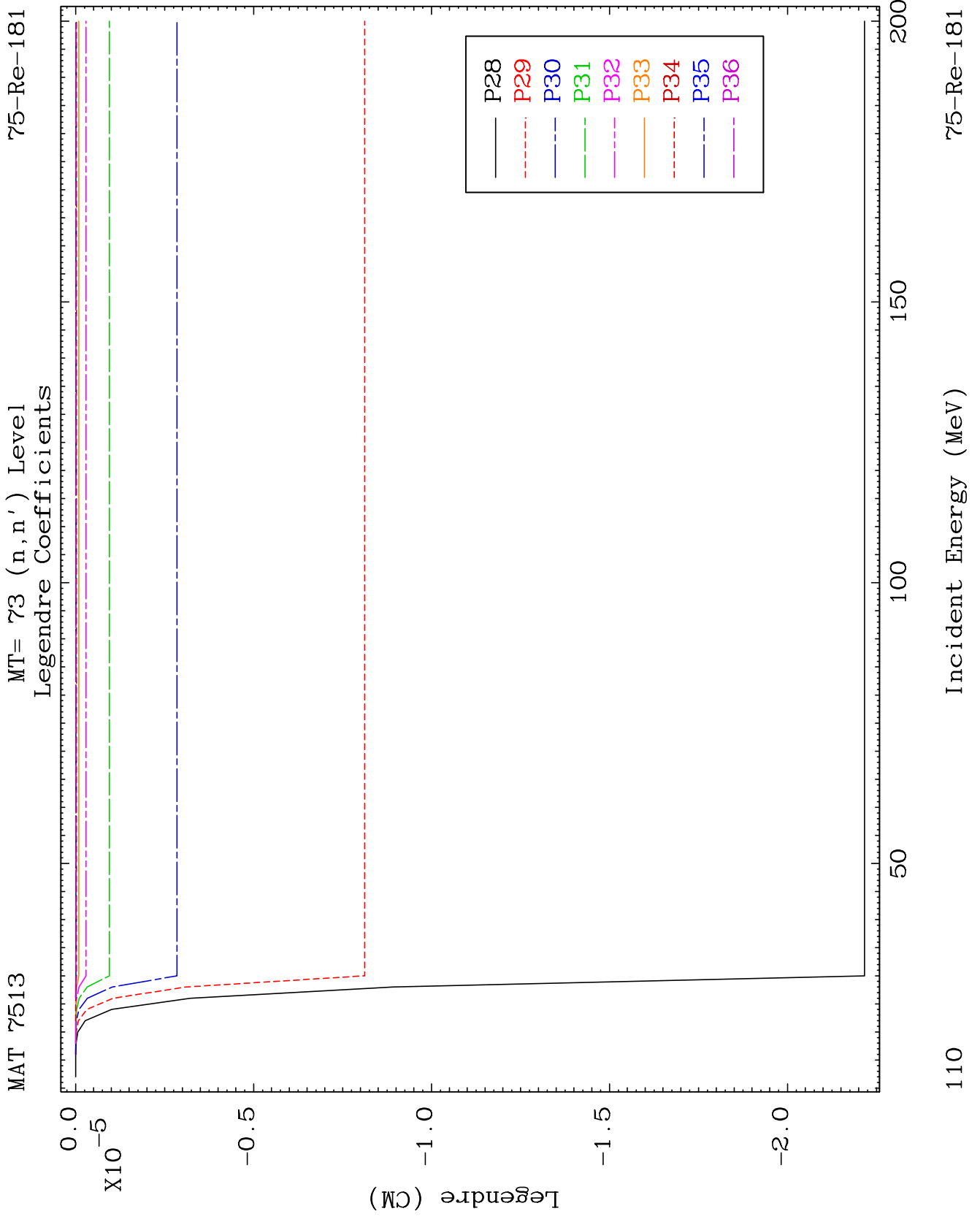
75-Re-181

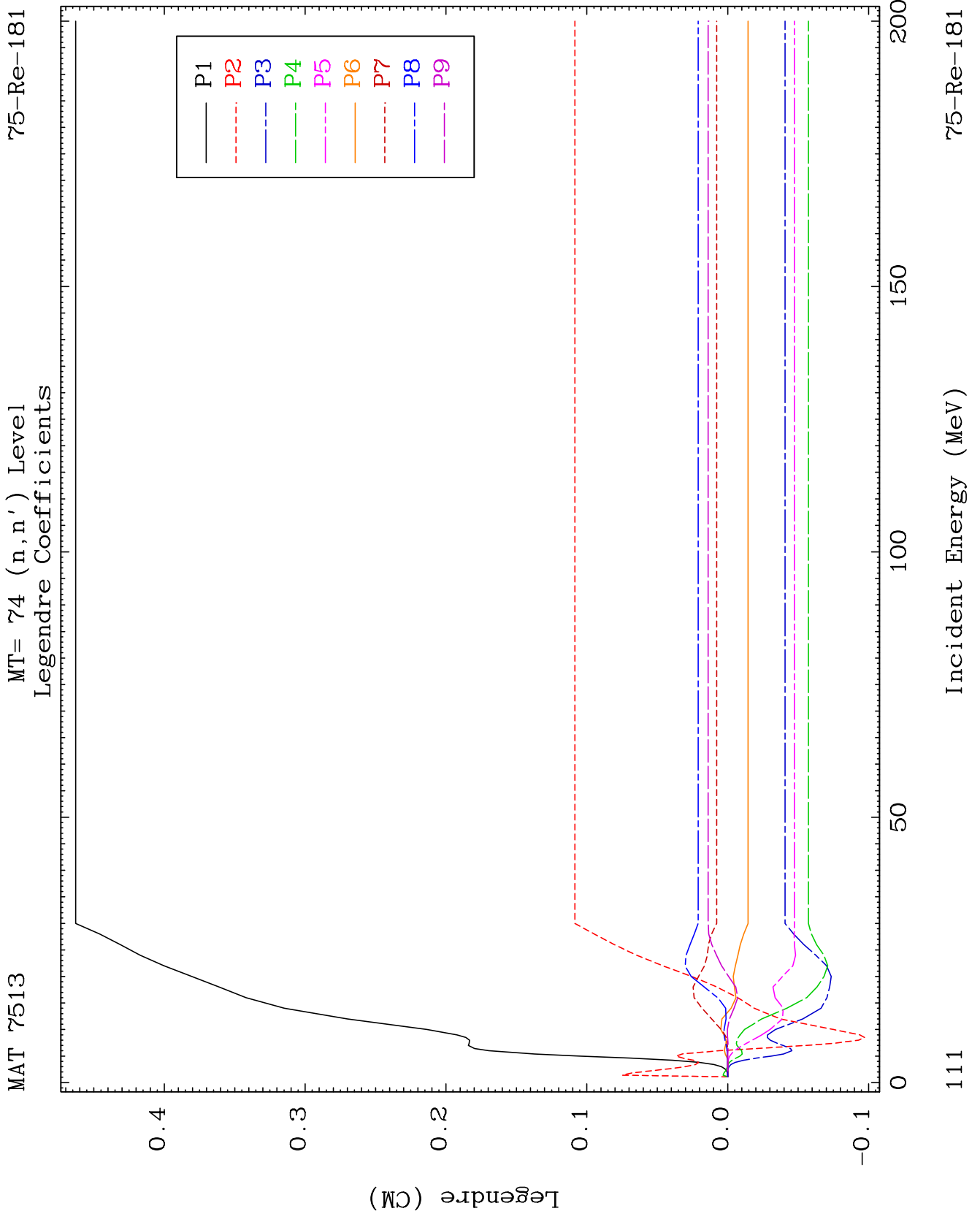


109

Incident Energy (MeV)

75-Re-181



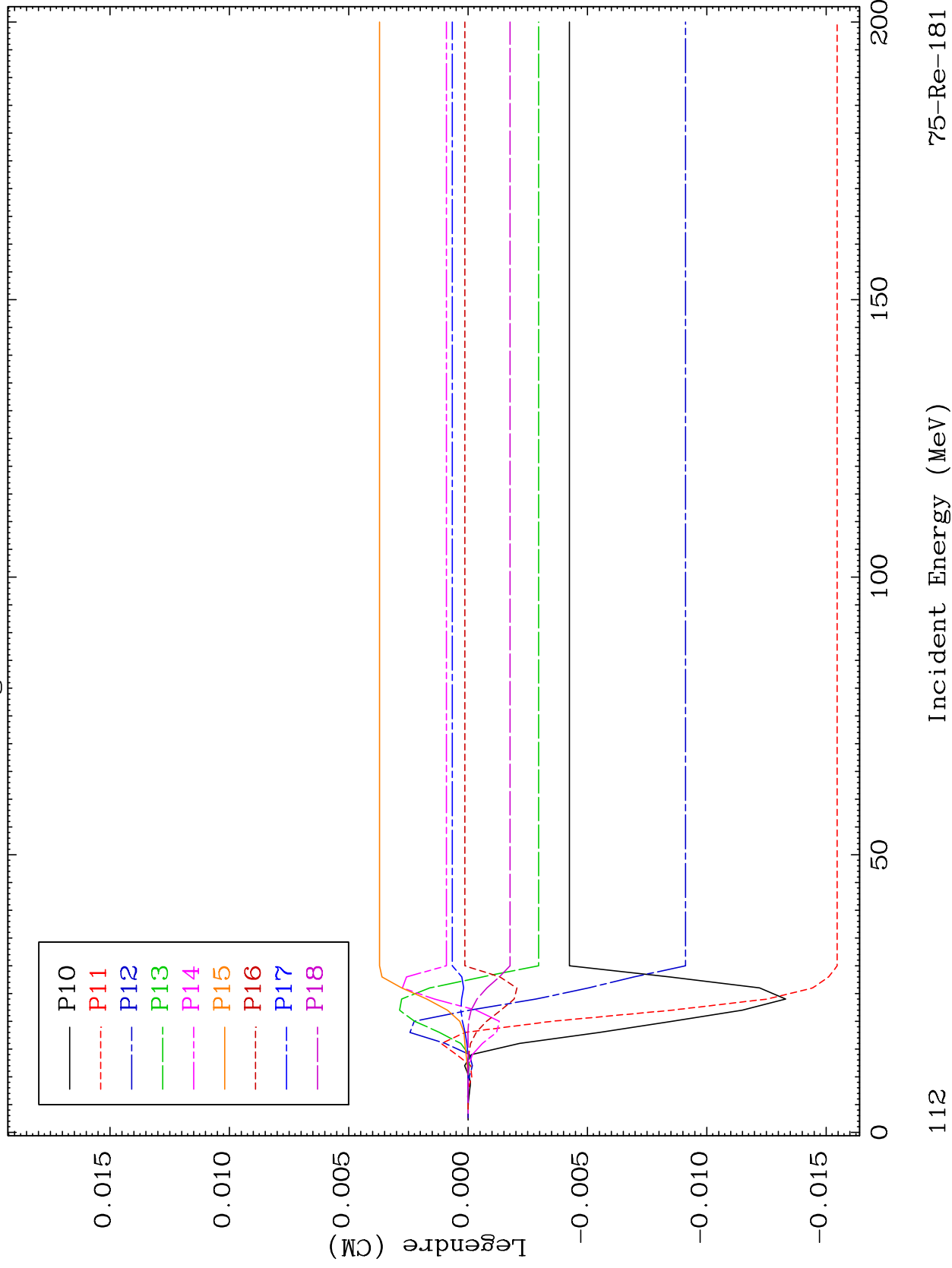




MAT 7513

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

75-Re-181



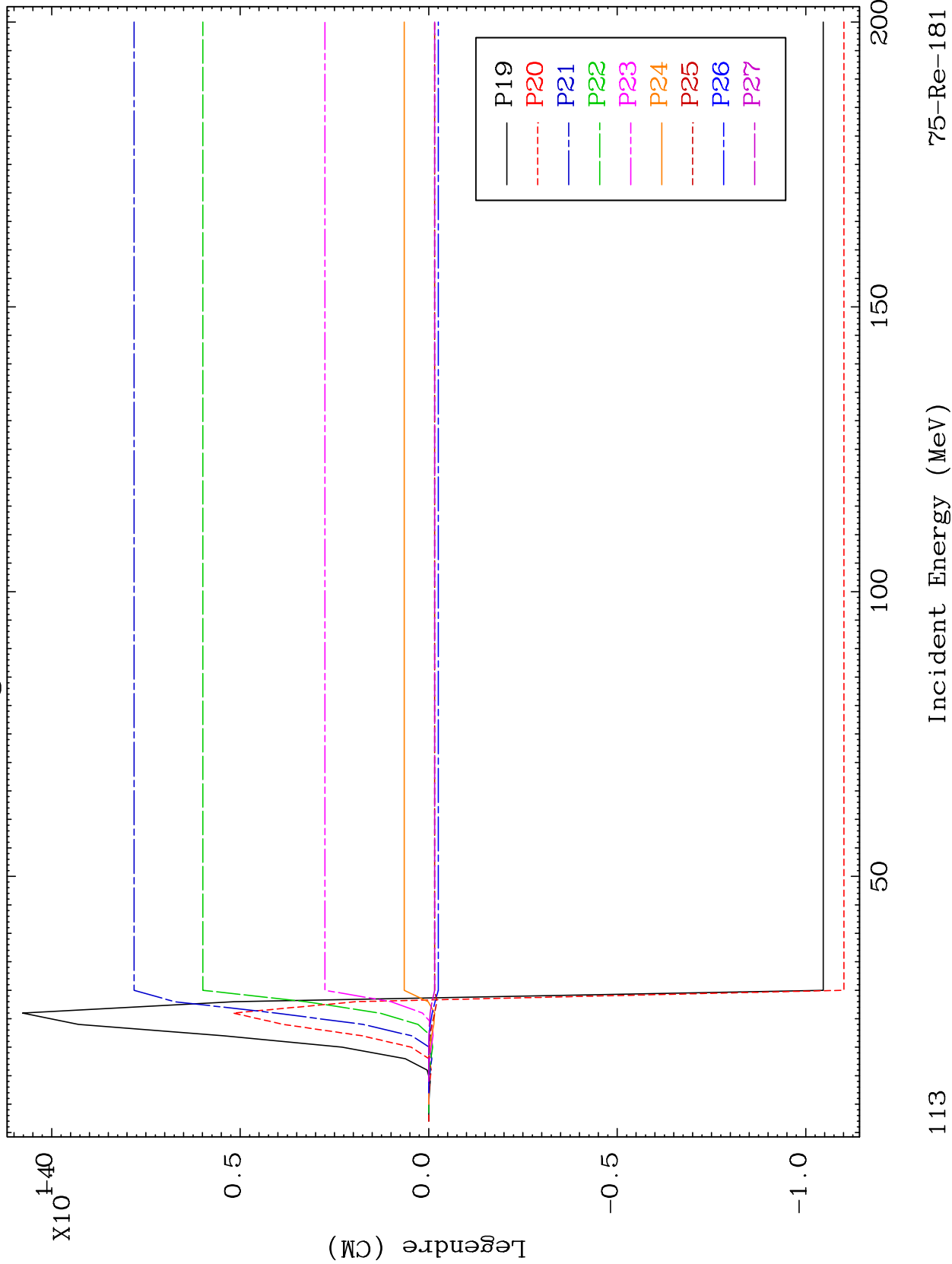
112

75-Re-181

MAT 7513

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

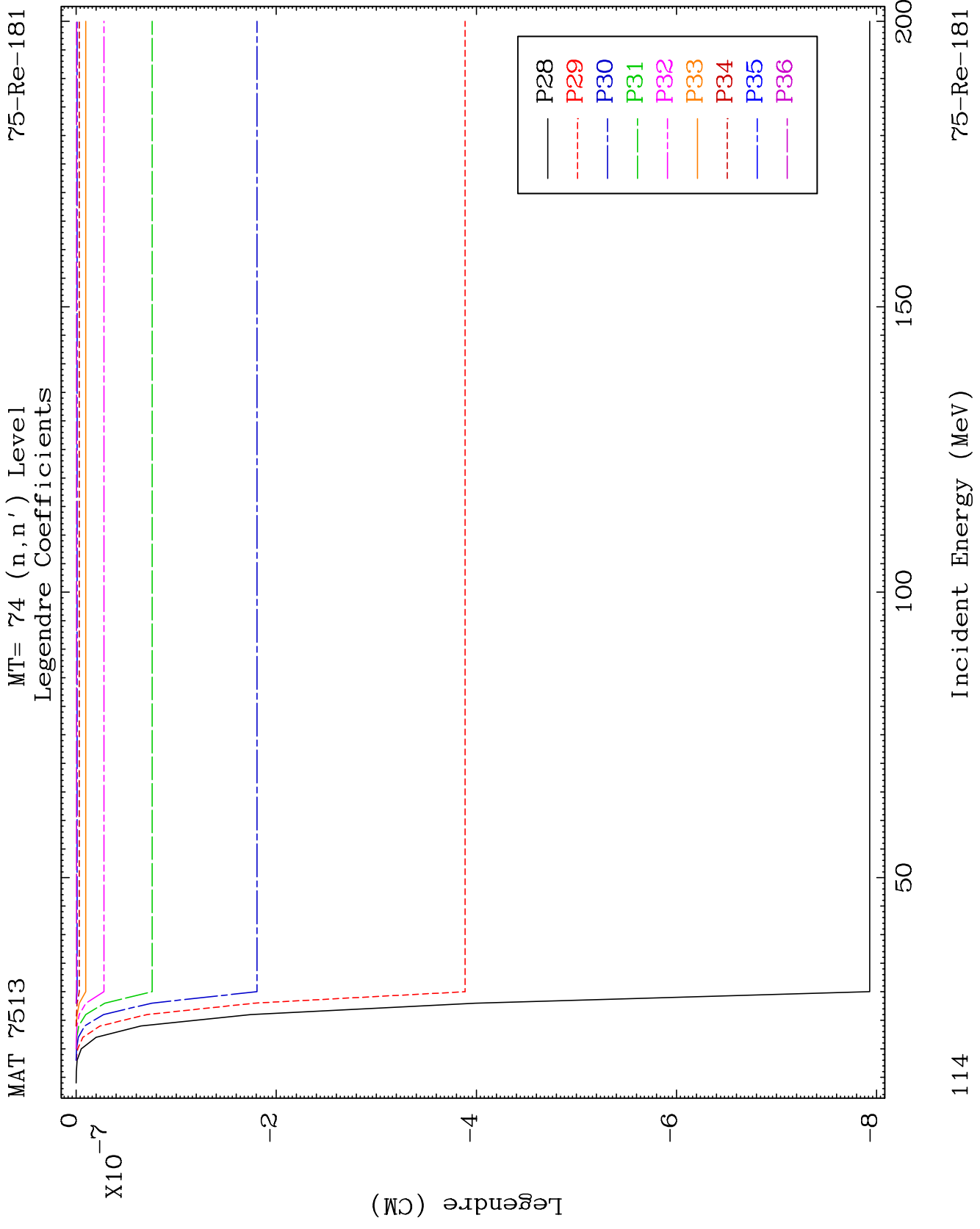
75-Re-181



113

Incident Energy (MeV)

75-Re-181

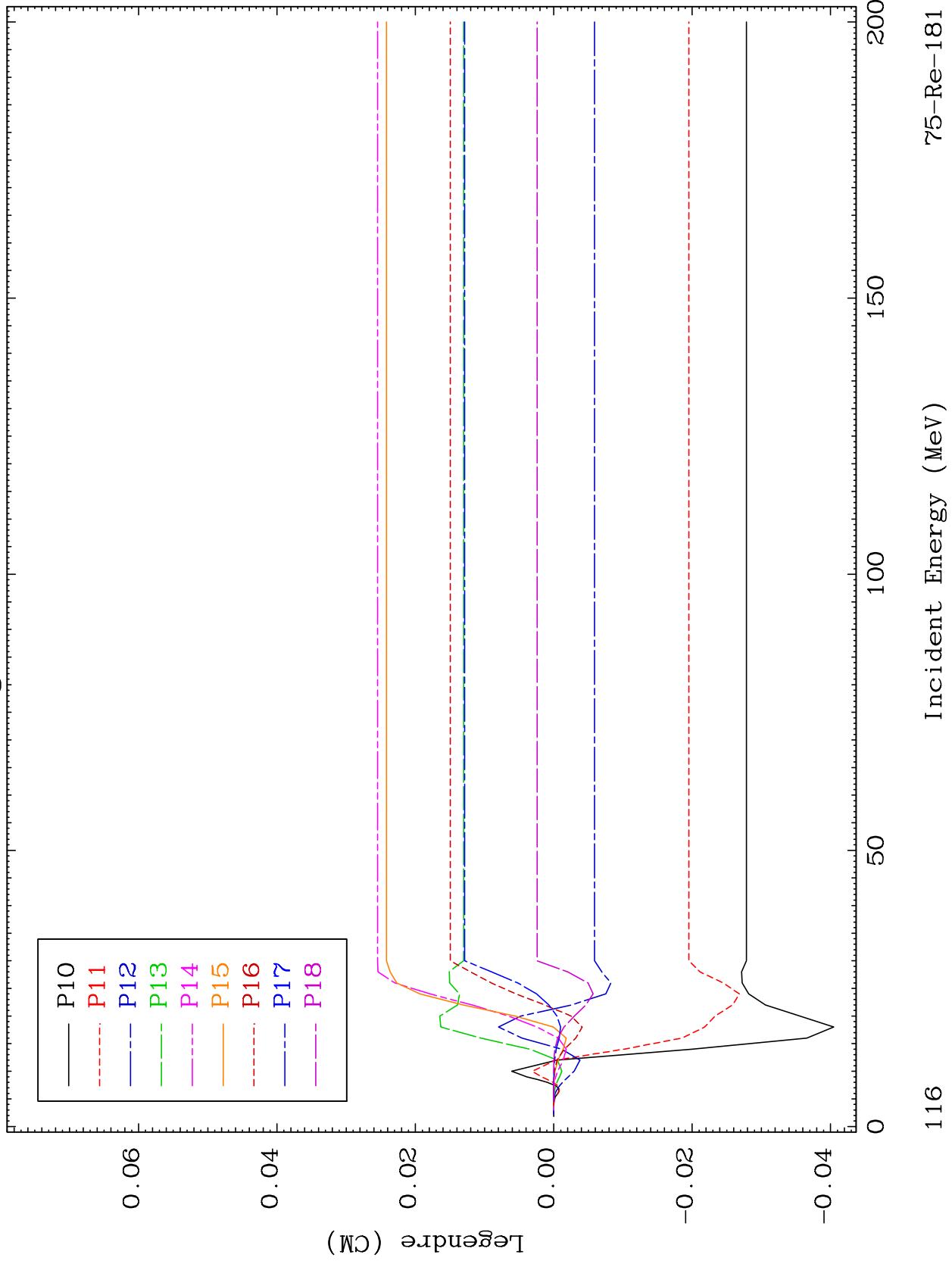




MAT 7513

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

75-Re-181



116

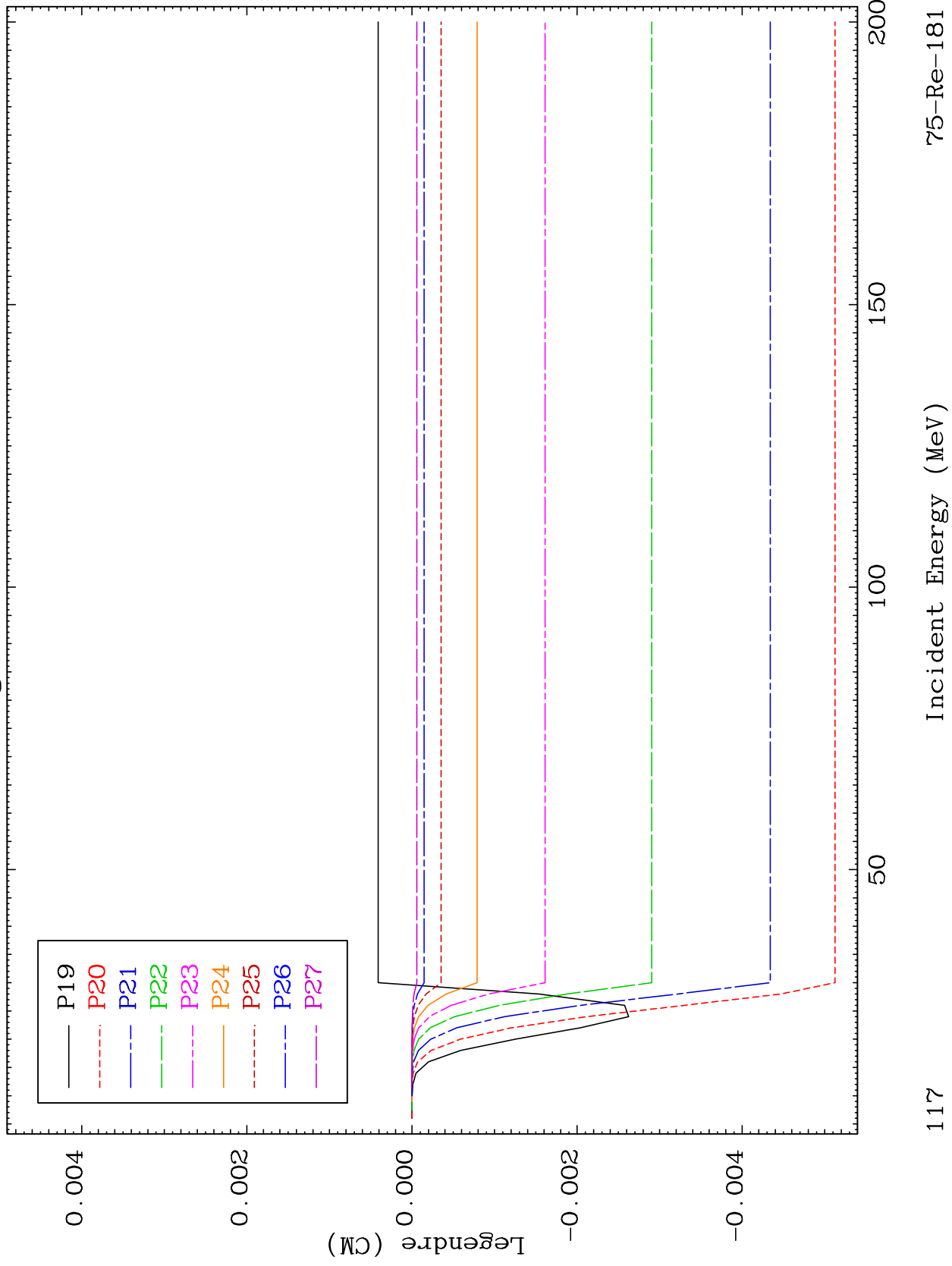
Incident Energy (MeV)

75-Re-181

MAT 7513

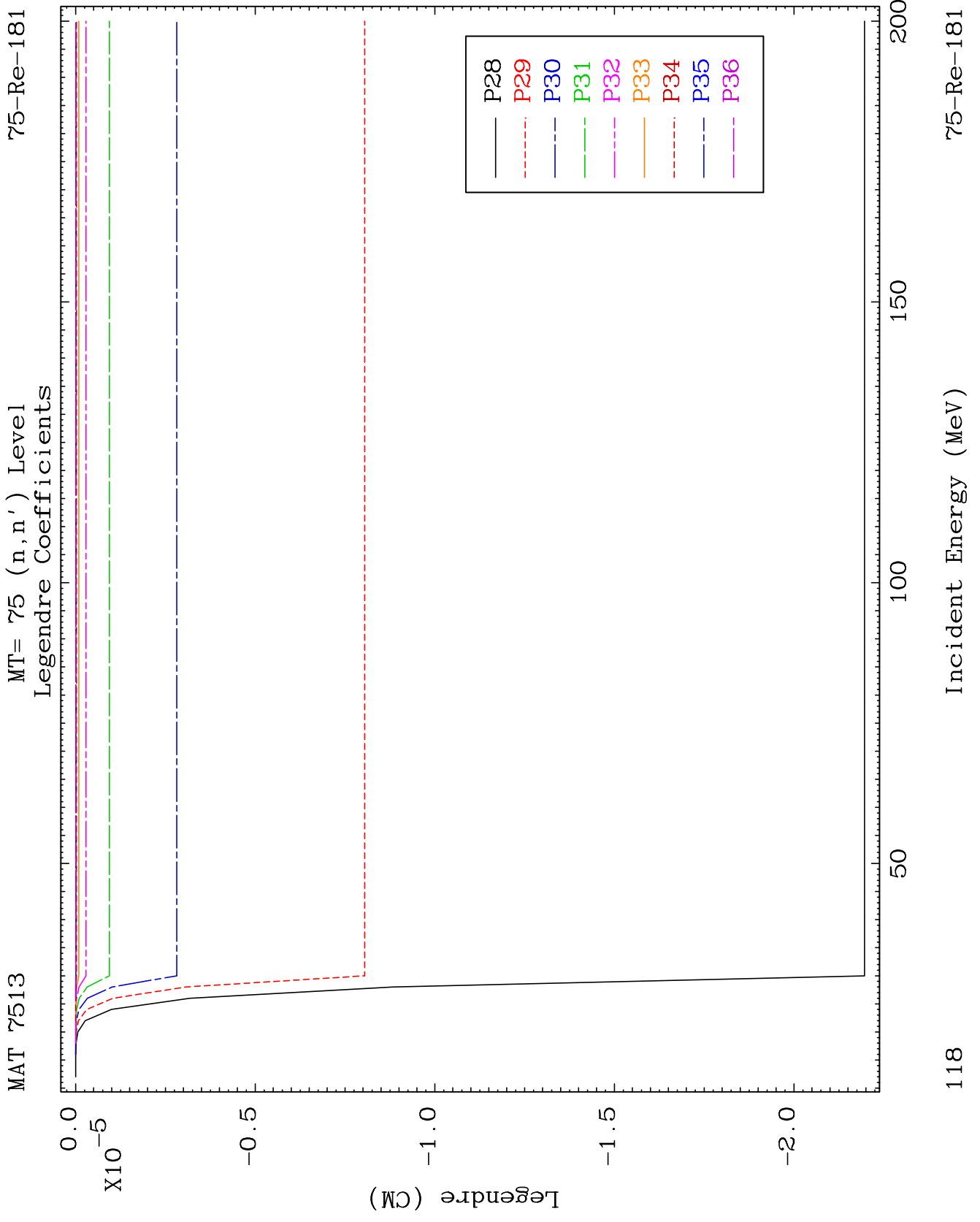
MT= 75 (n,n') Level  
Legendre Coefficients

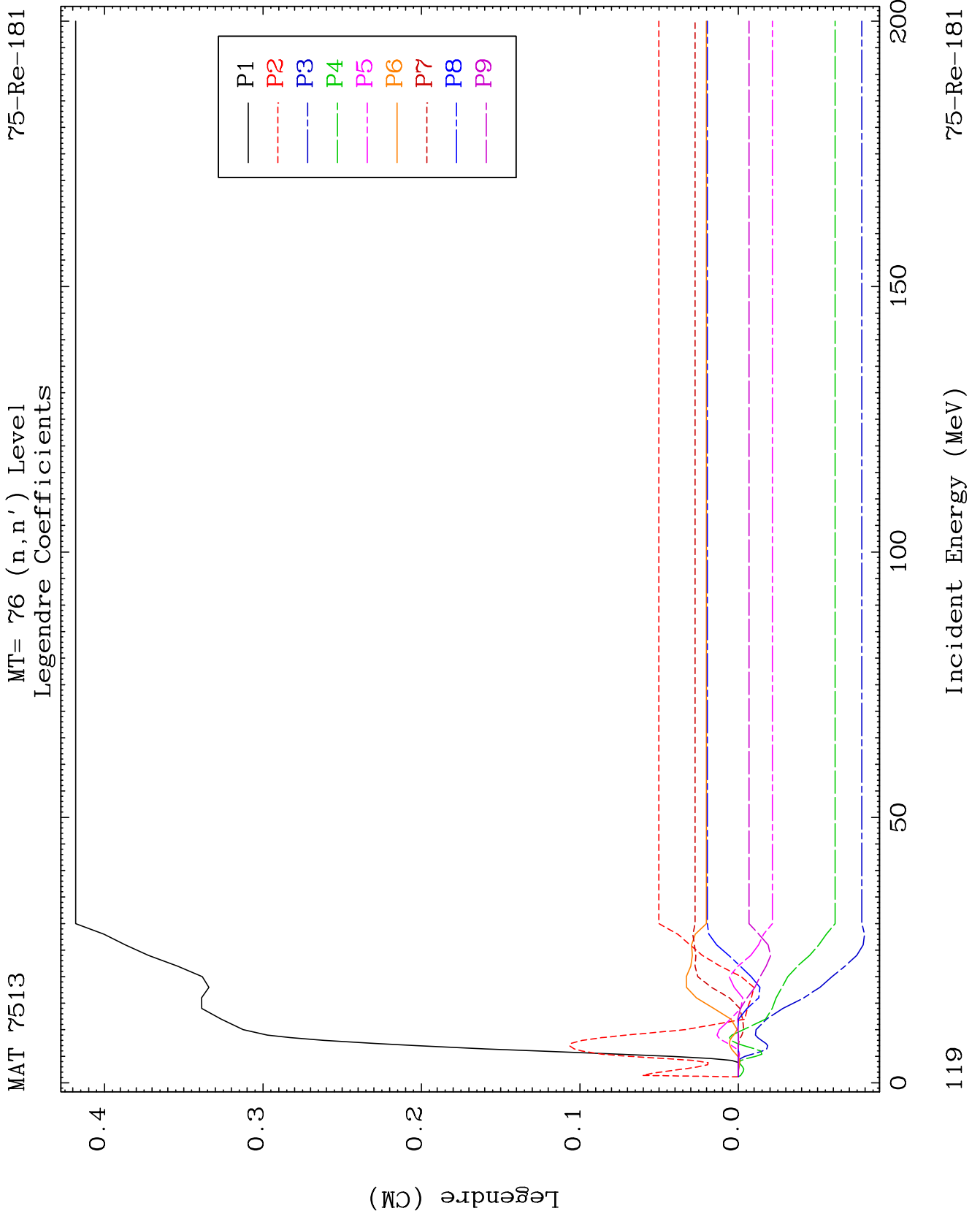
75-Re-181



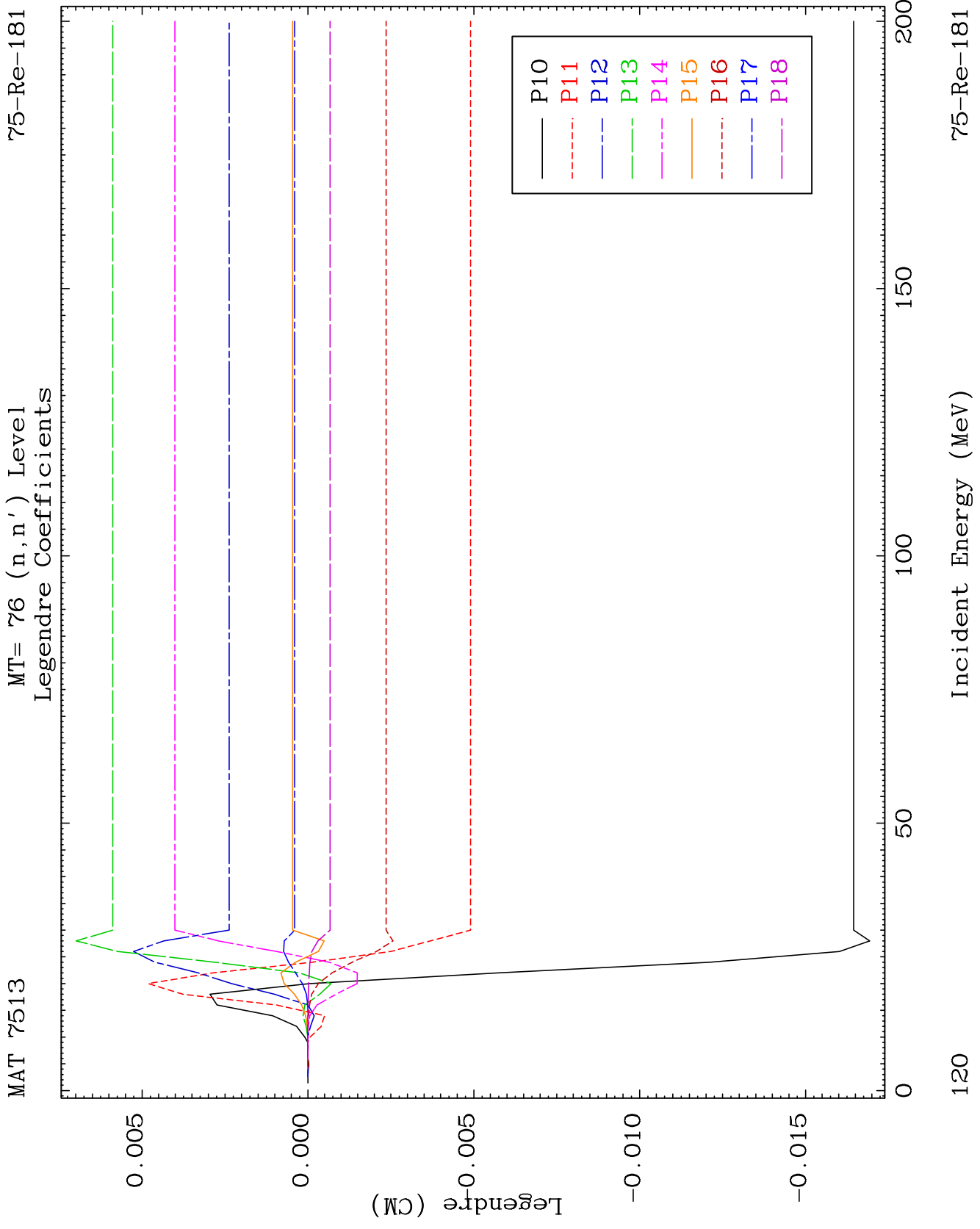
117

75-Re-181





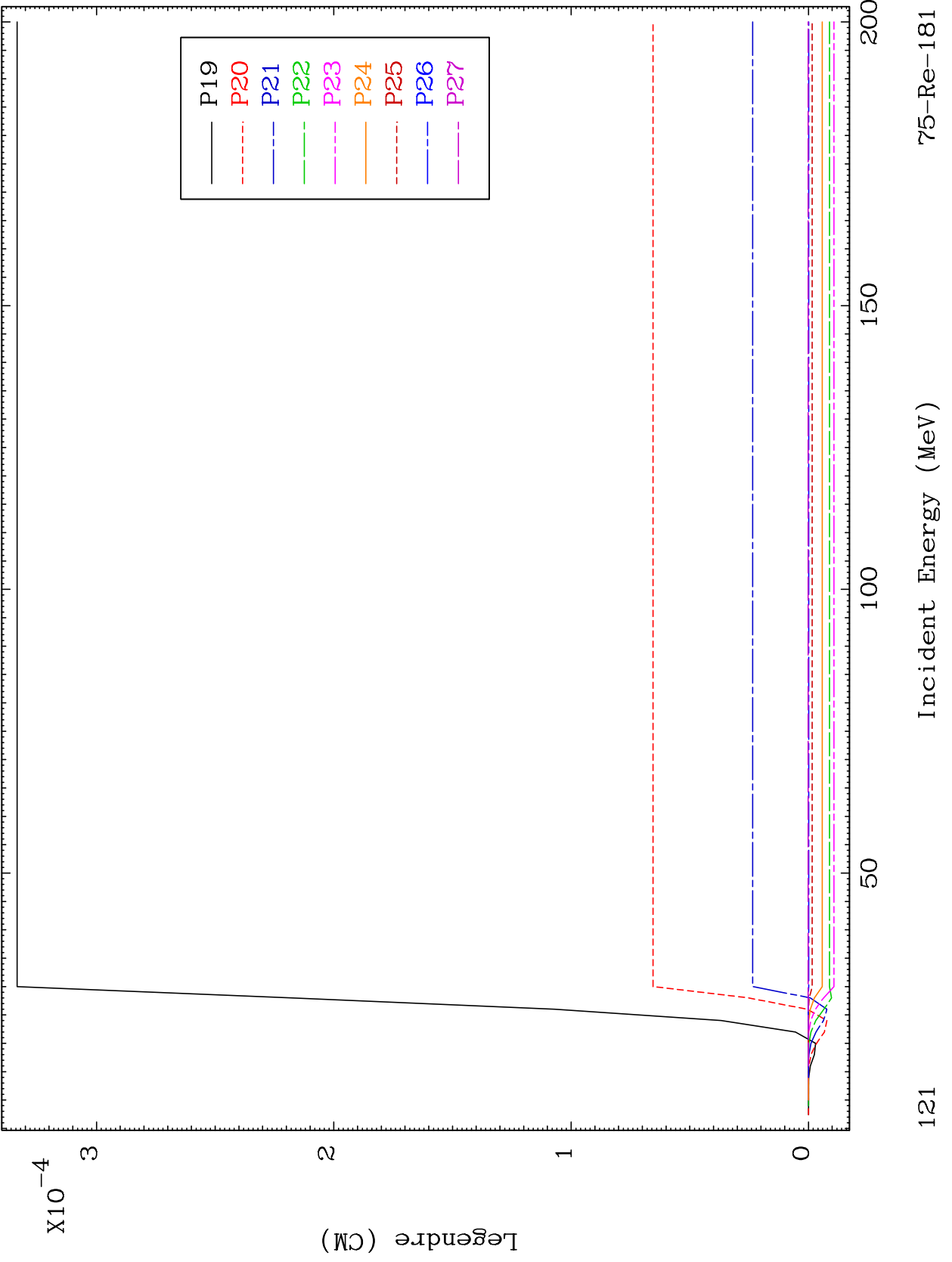




MAT 7513

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

75-Re-181



121

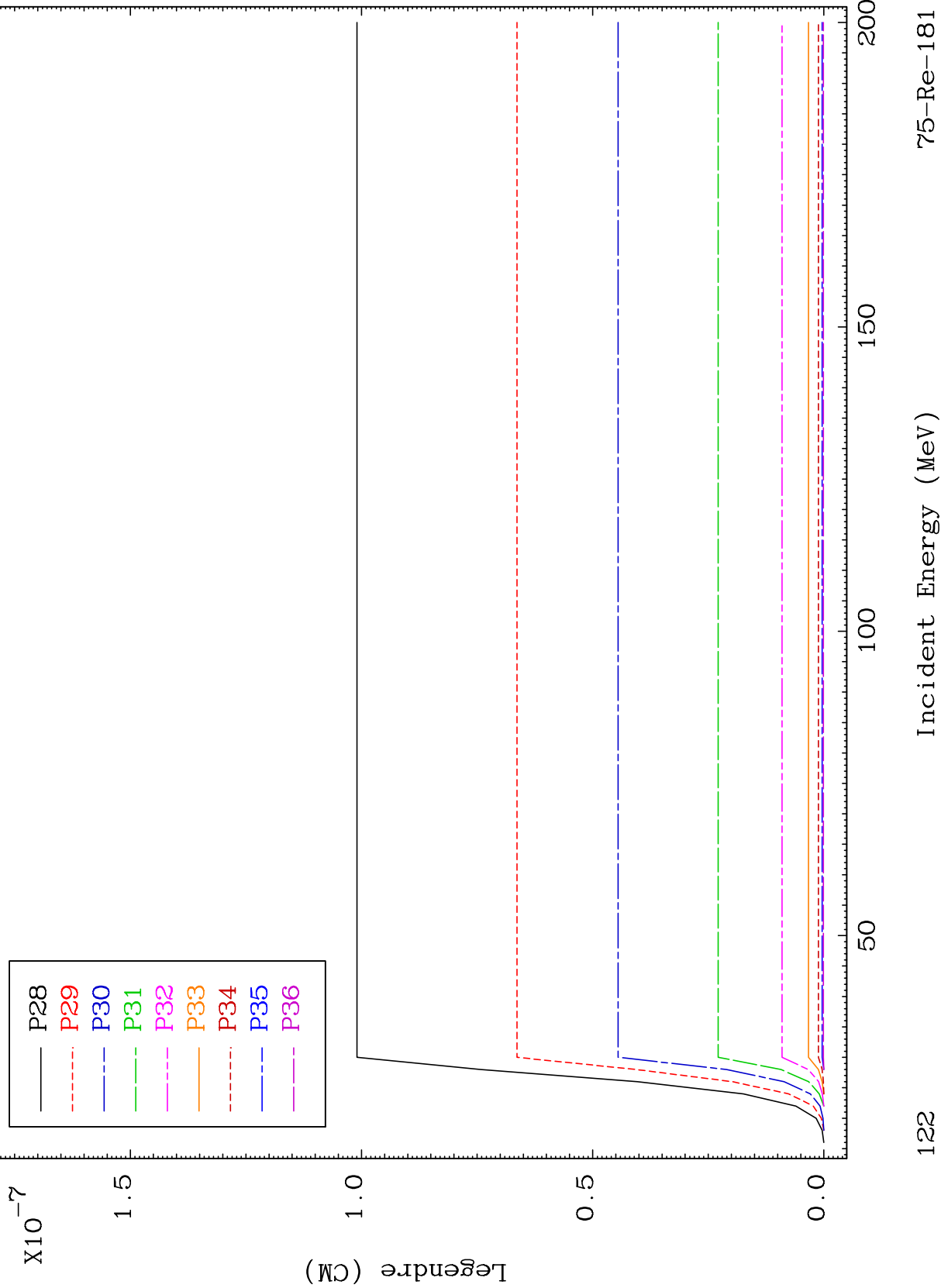
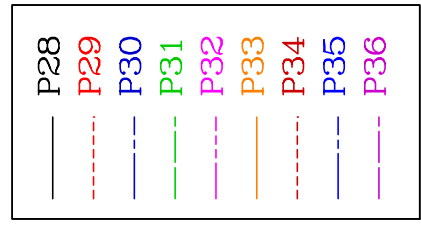
Incident Energy (MeV)

75-Re-181

MAT 7513

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

75-Re-181



122

Incident Energy (MeV)

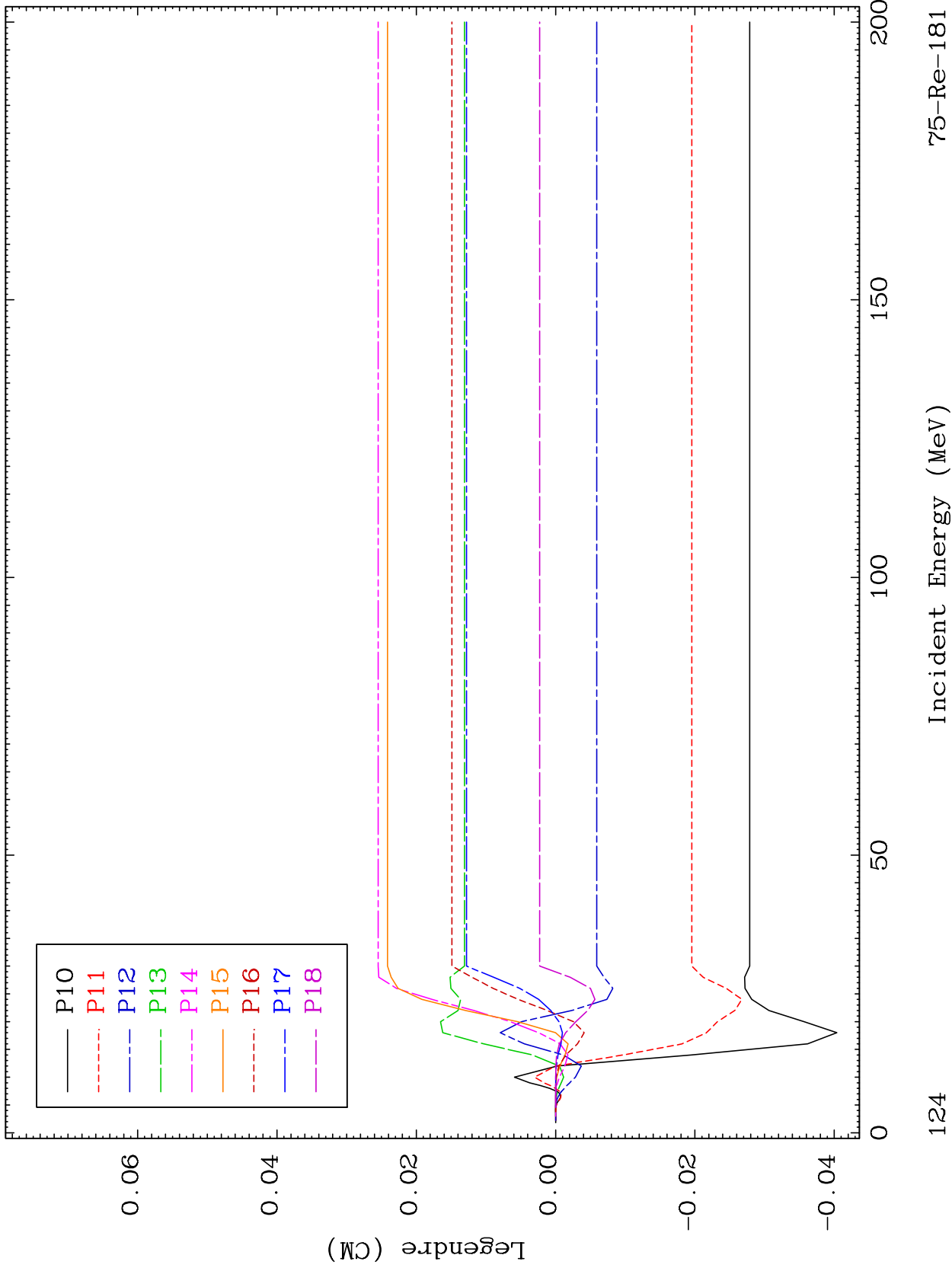
75-Re-181



MAT 7513

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

75-Re-181



124

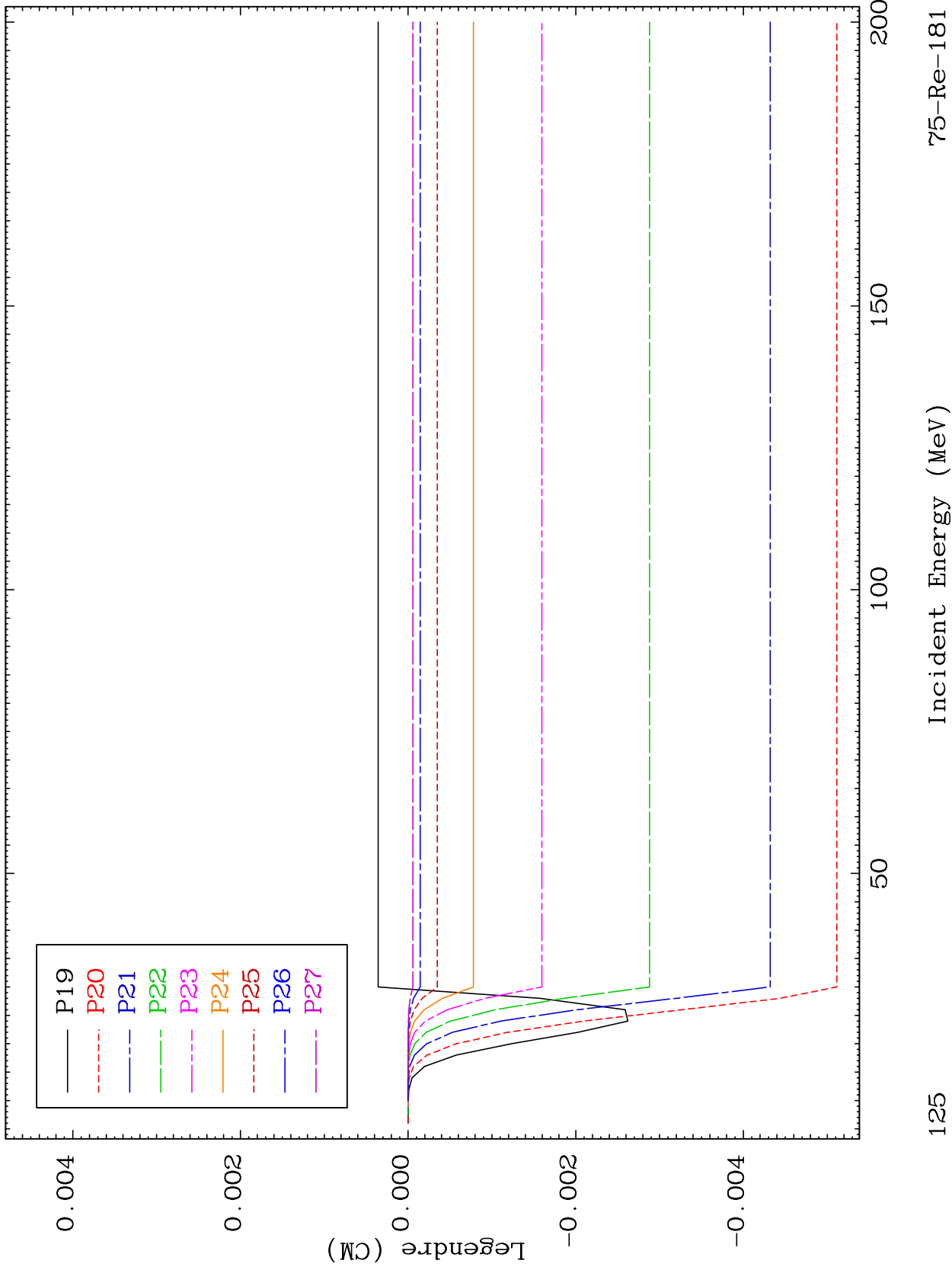
Incident Energy (MeV)

75-Re-181

MAT 7513

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

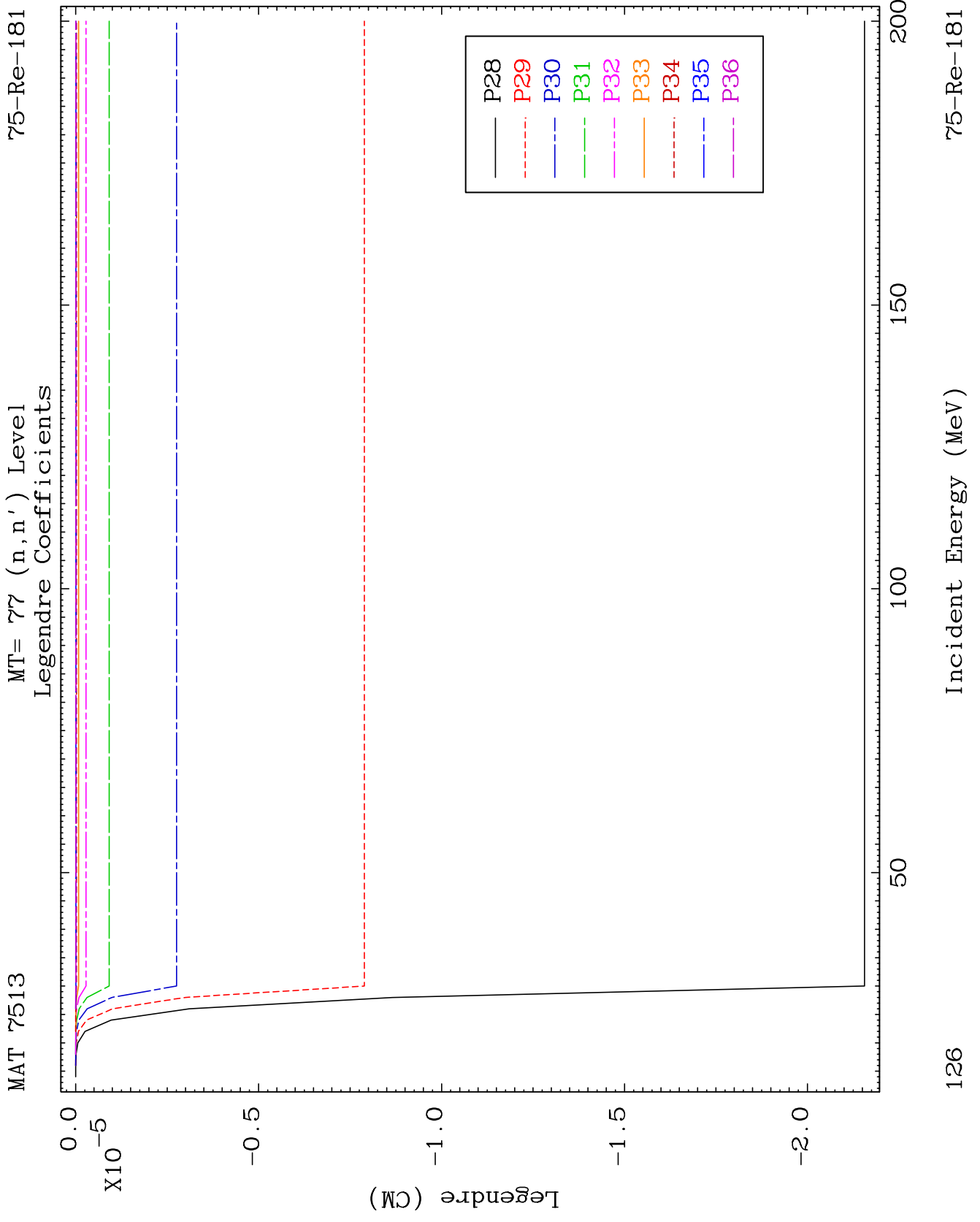
75-Re-181



125

Incident Energy (MeV)

75-Re-181

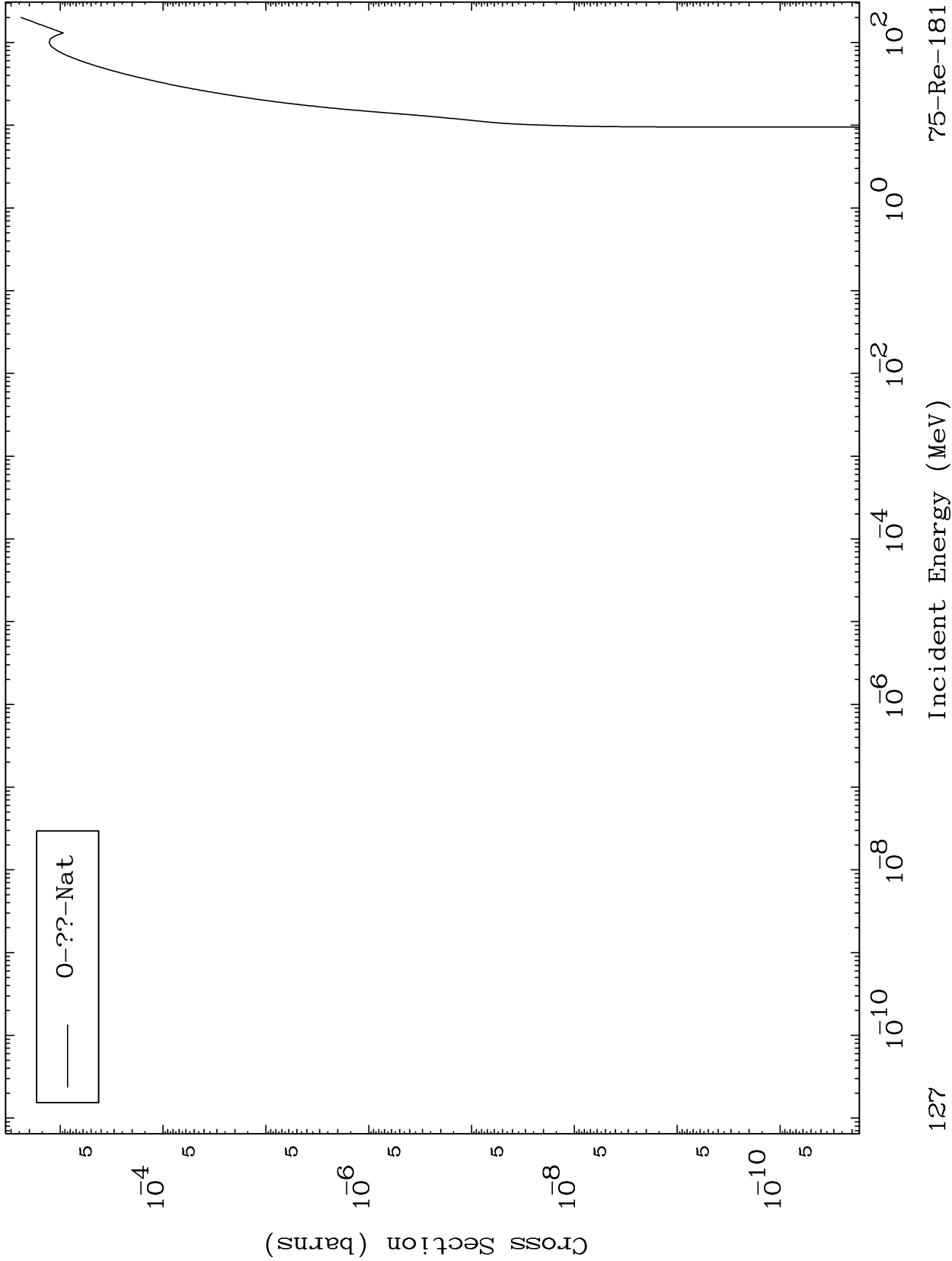


MAT 7513

Fission

<sup>75</sup>Re-181

Radionuclide Production Cross Section

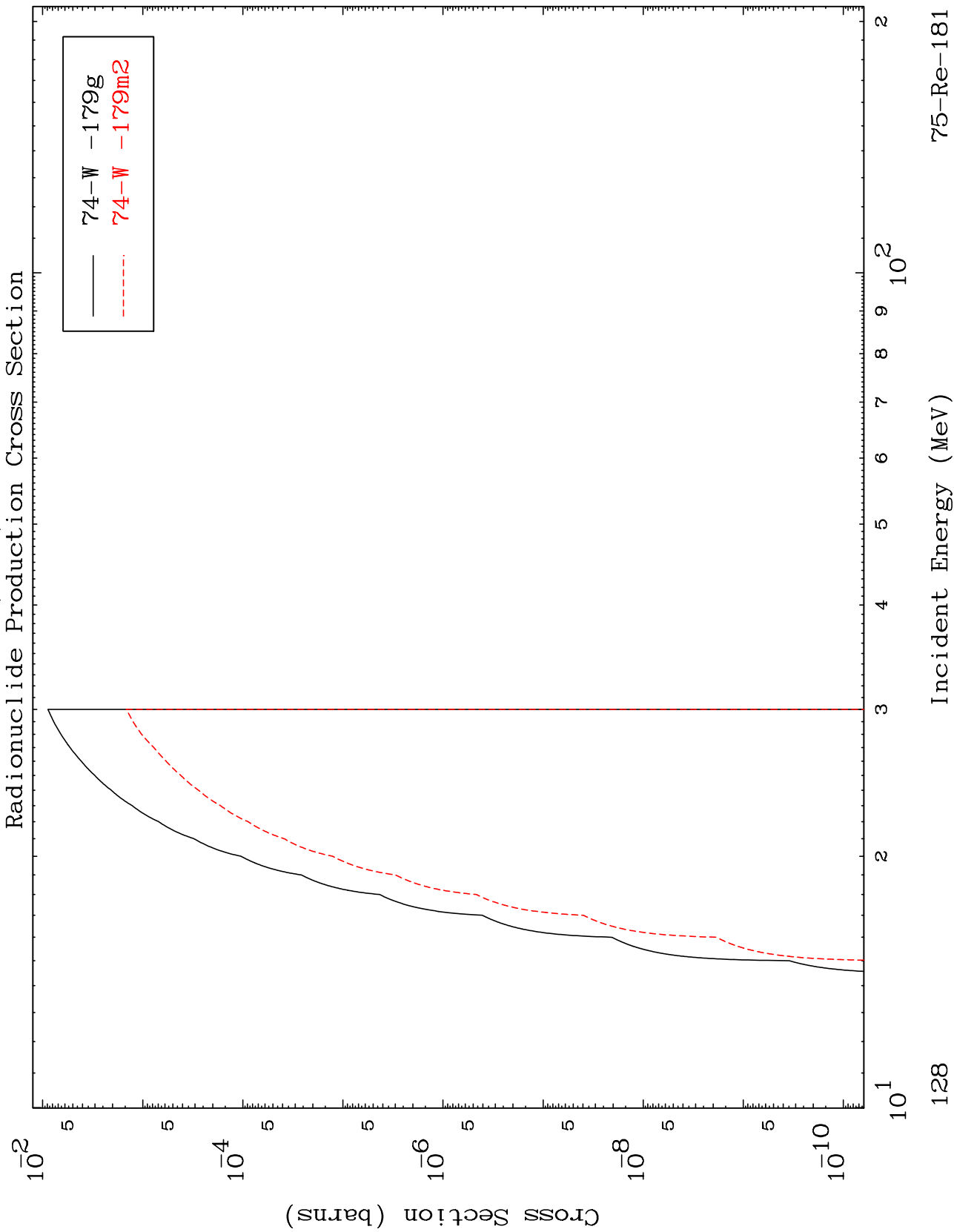




MAT 7513

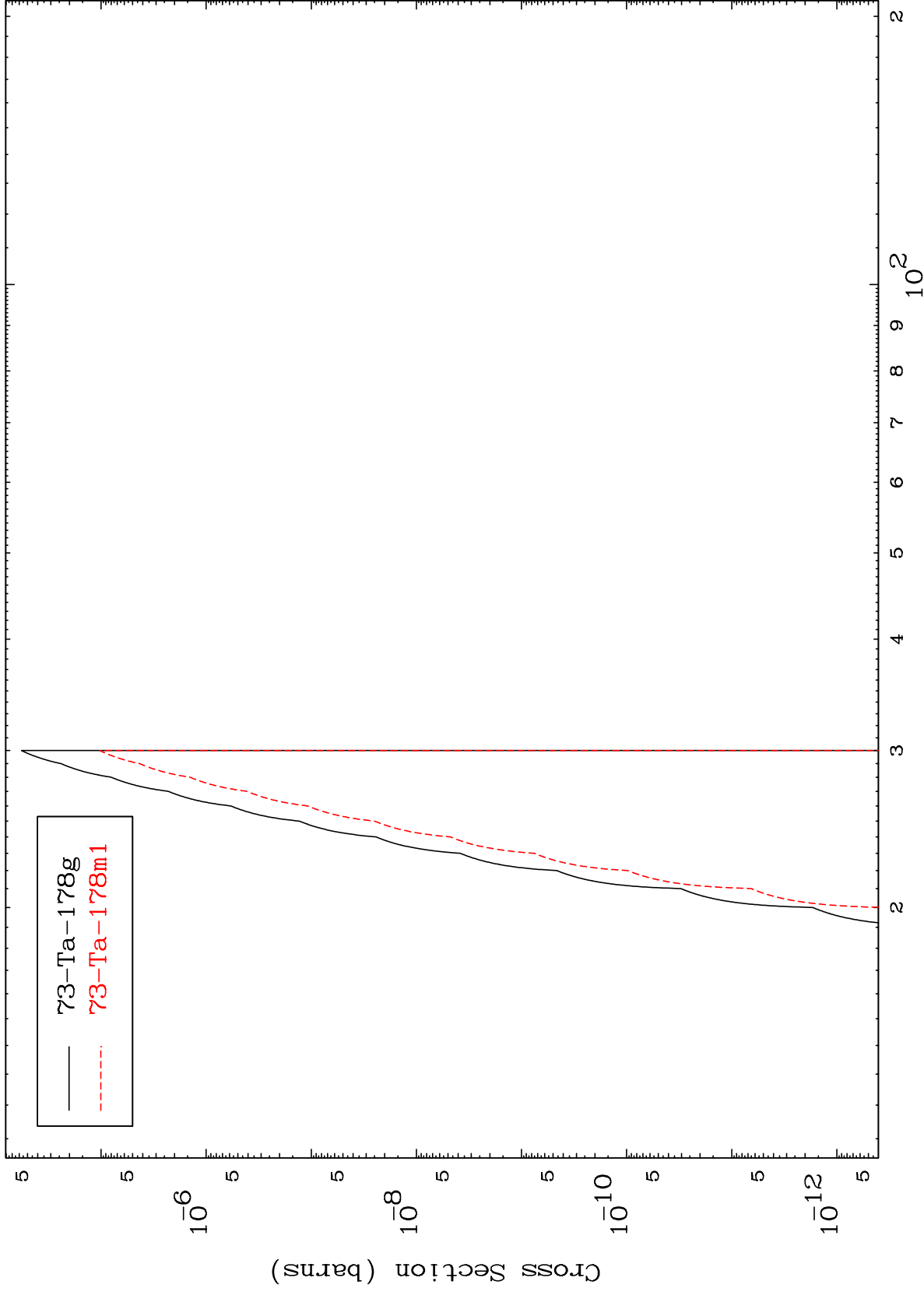
(n,n') d

75-Re-181



128

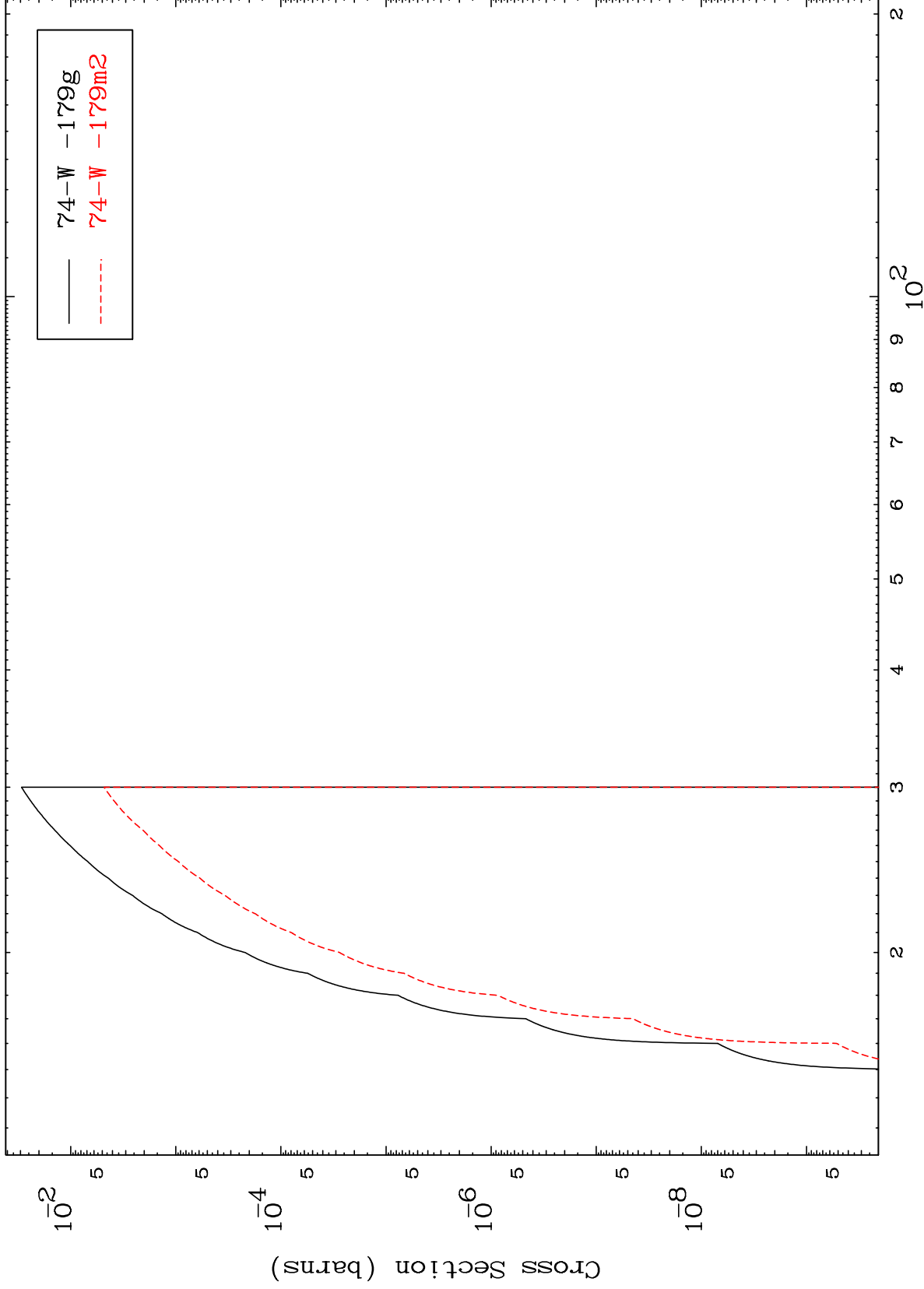
Radionuclide Production Cross Section



MAT 7513

75-Re-181

(n,2n) p  
Radionuclide Production Cross Section



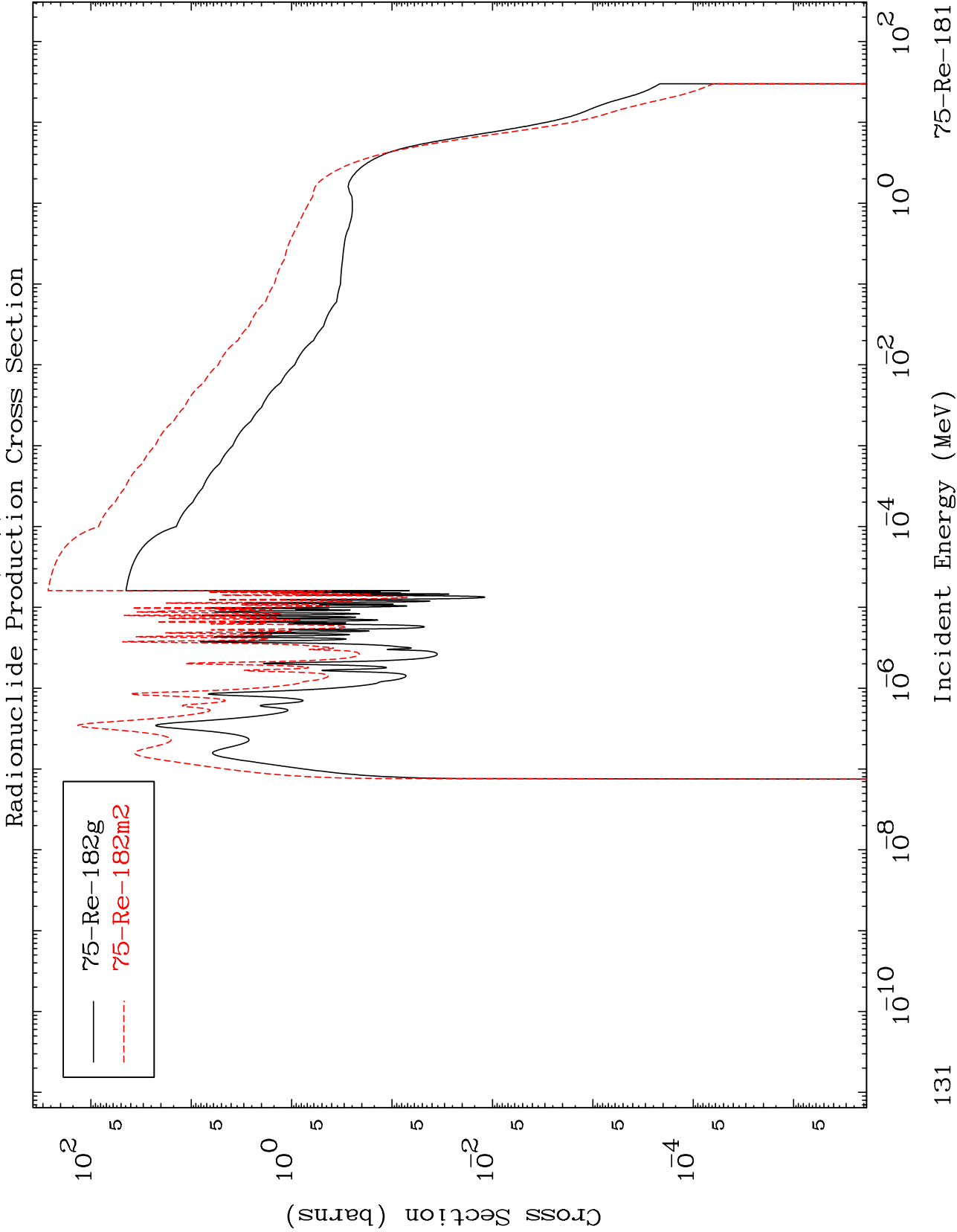
130

Incident Energy (MeV)

75-Re-181

MAT 7513

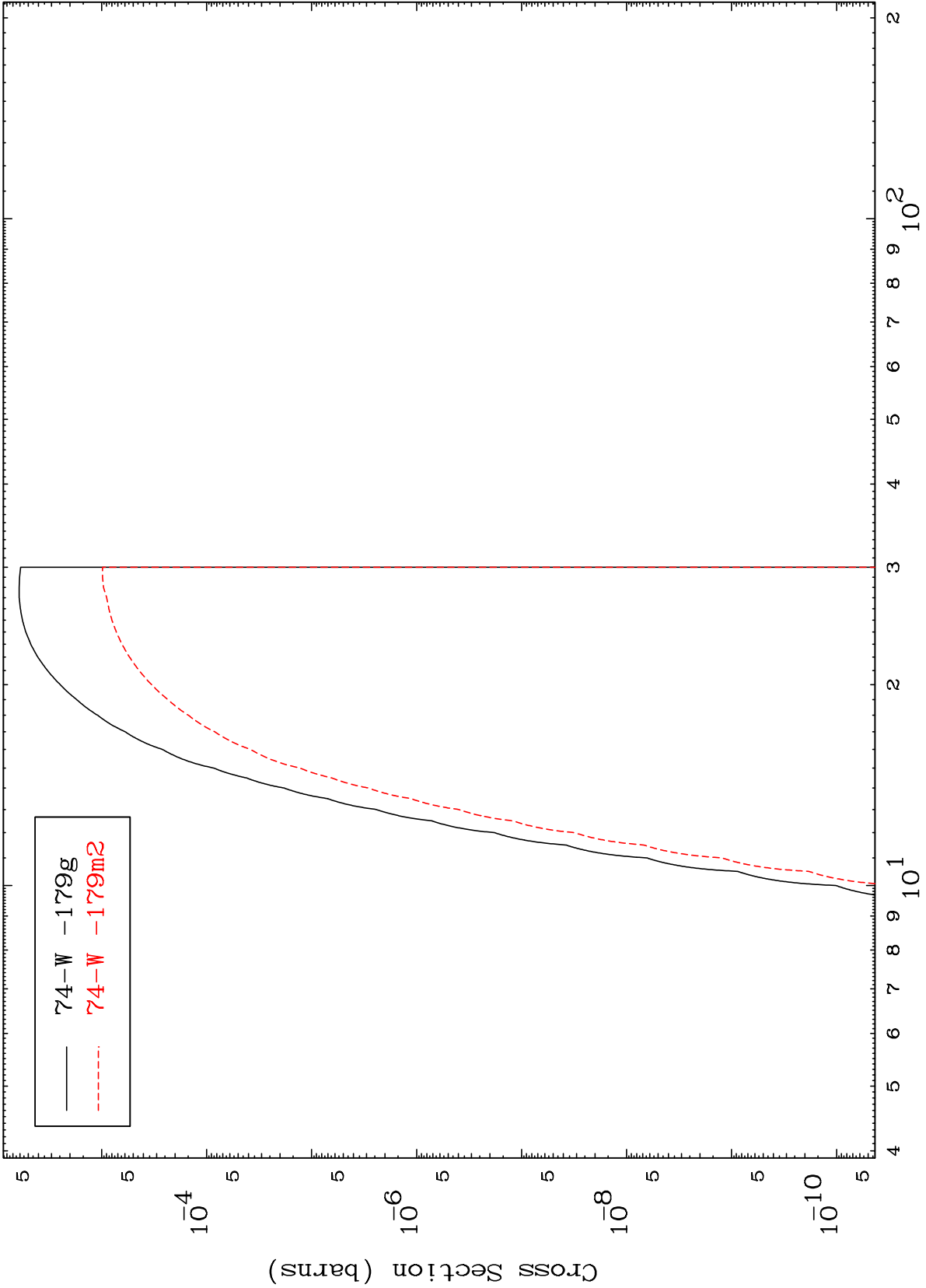
75-Re-181



MAT 7513

75-Re-181

(n, t)  
Radionuclide Production Cross Section



74-W -179g  
74-W -179m2

132

Incident Energy (MeV)

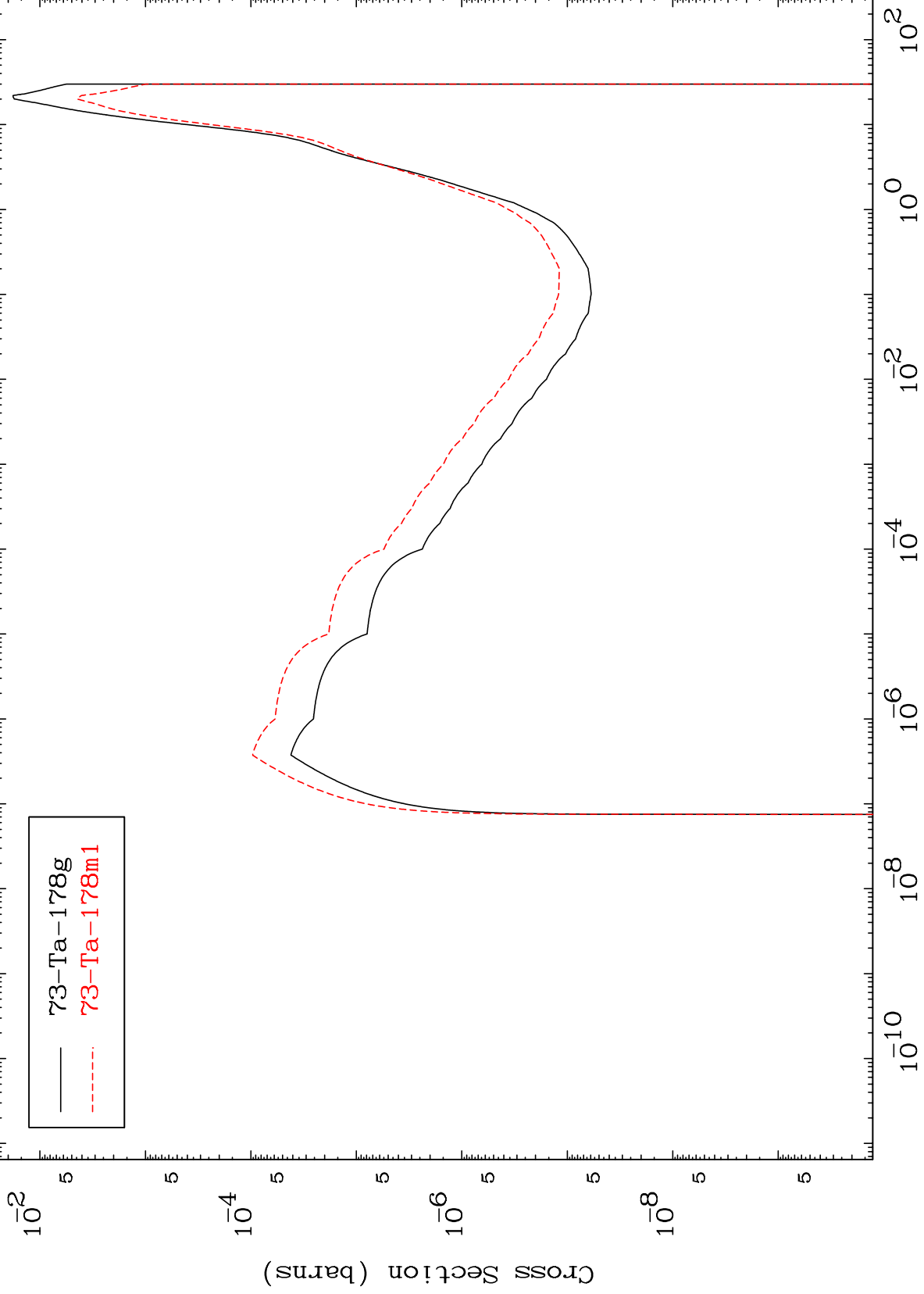
75-Re-181

MAT 7513

(n,  $\alpha$ )

75-Re-181

Radionuclide Production Cross Section



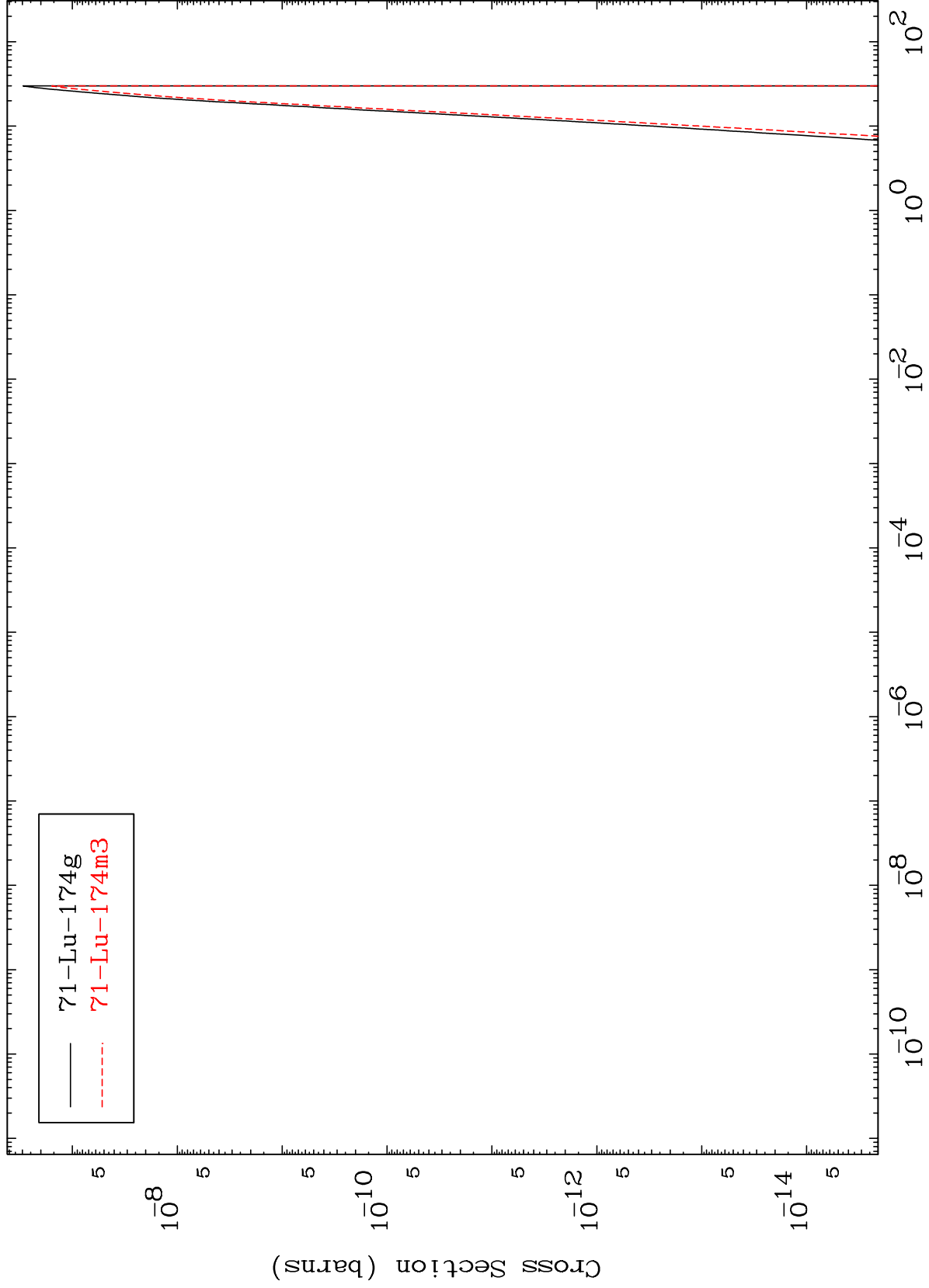
133

MAT 7513

(n,2α)

75-Re-181

Radionuclide Production Cross Section



134

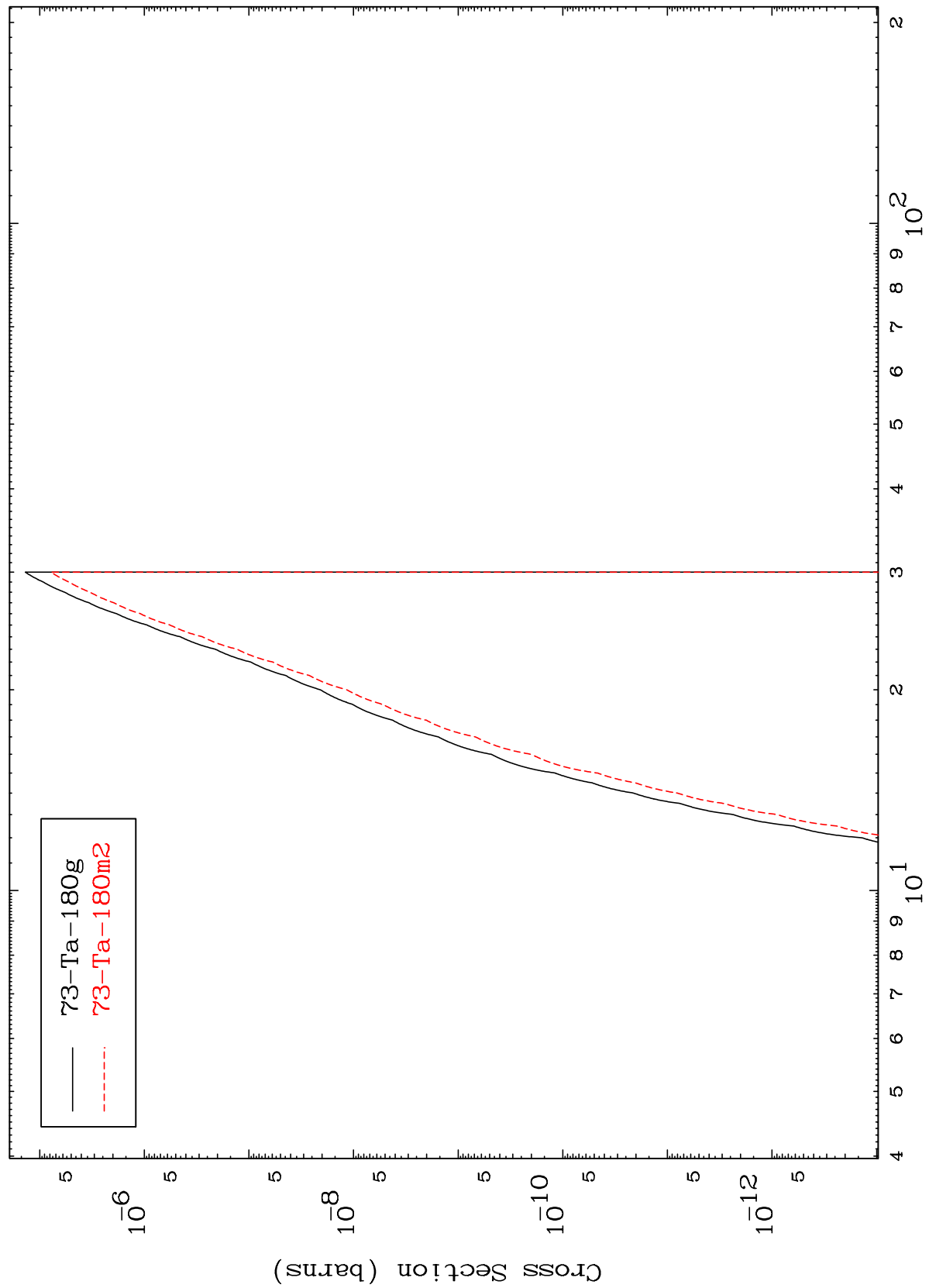
Incident Energy (MeV)

75-Re-181

MAT 7513

75-Re-181

(n,2p)  
Radionuclide Production Cross Section



135

Incident Energy (MeV)

75-Re-181

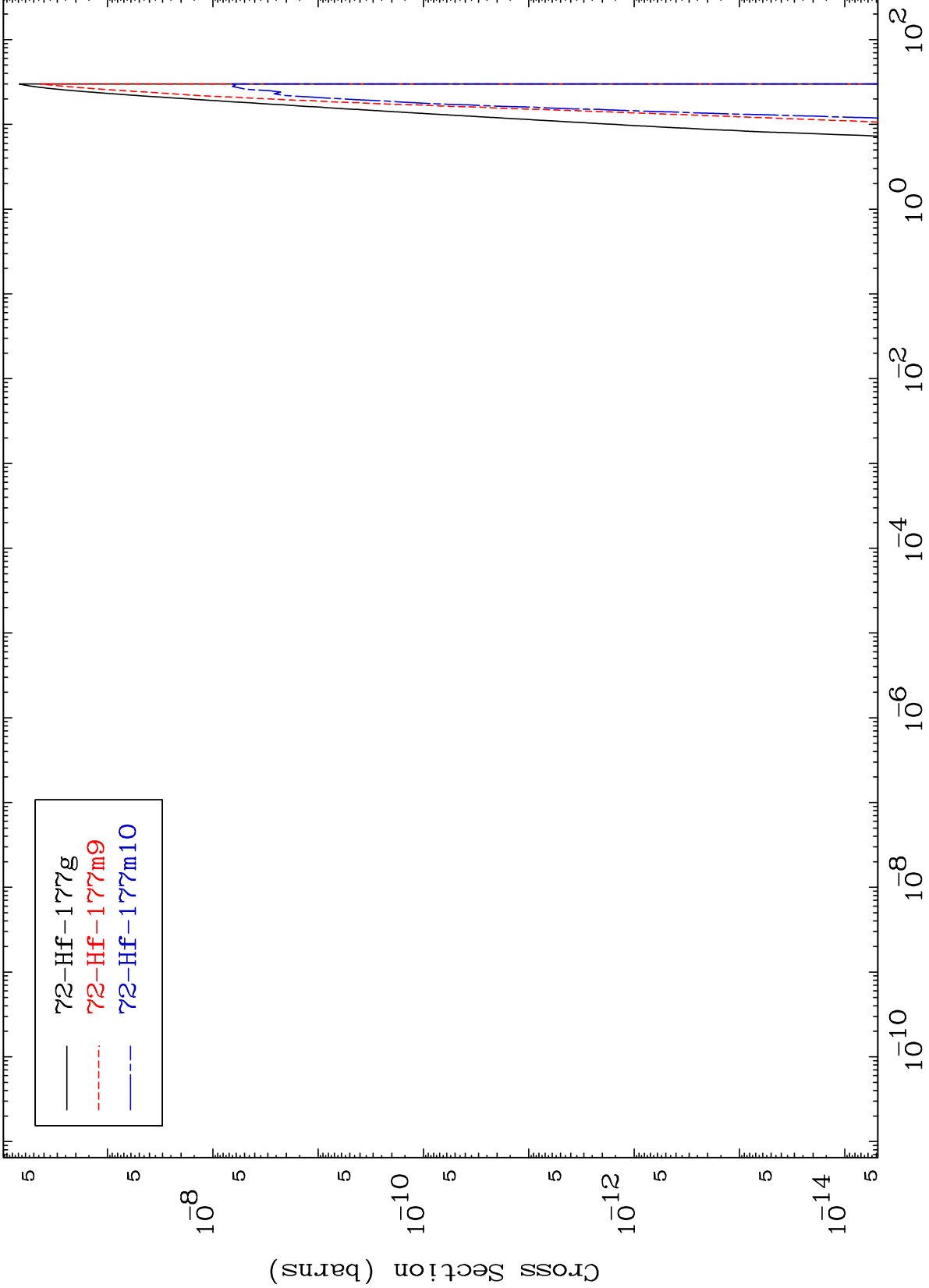


MAT 7513

(n,p)  $\alpha$

<sup>75</sup>Re-<sup>181</sup>

Radionuclide Production Cross Section



136

Incident Energy (MeV)

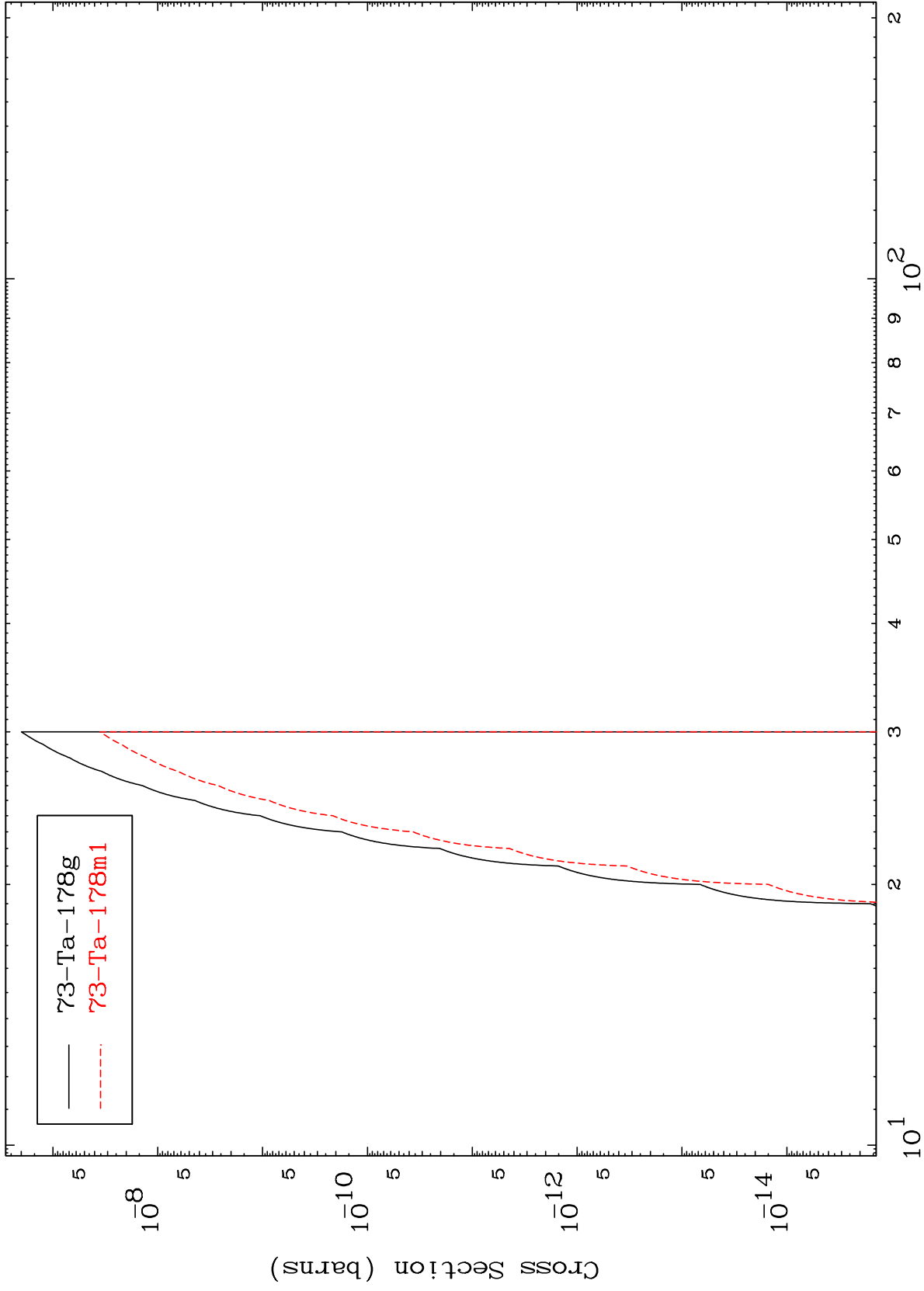
<sup>75</sup>Re-<sup>181</sup>

MAT 7513

(n,p) t

75-Re-181

Radionuclide Production Cross Section



137

Incident Energy (MeV)

75-Re-181