

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

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

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

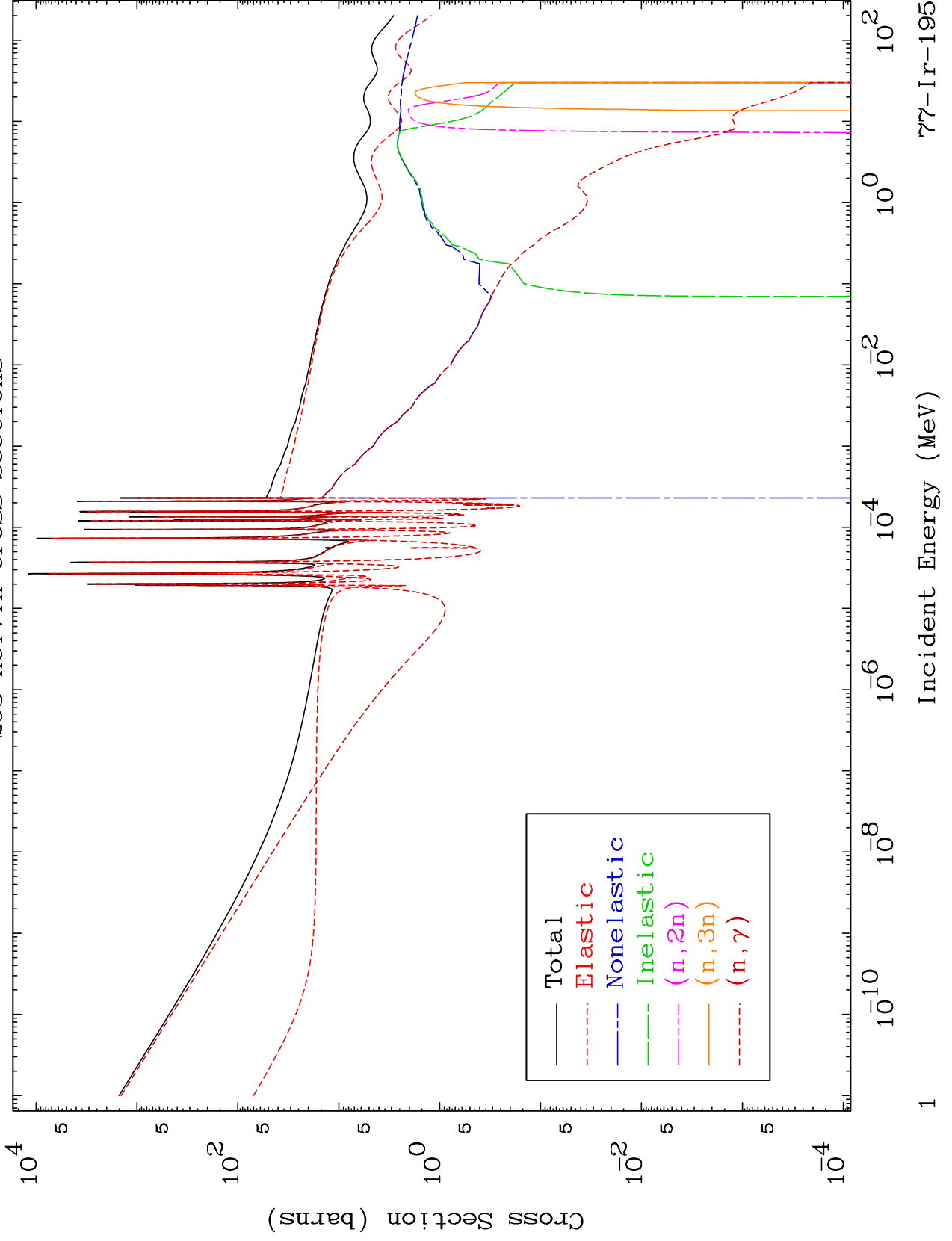
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Press Mouse Button to Start

MAT 7737

Neutron Major  
293 Kelvin Cross Sections

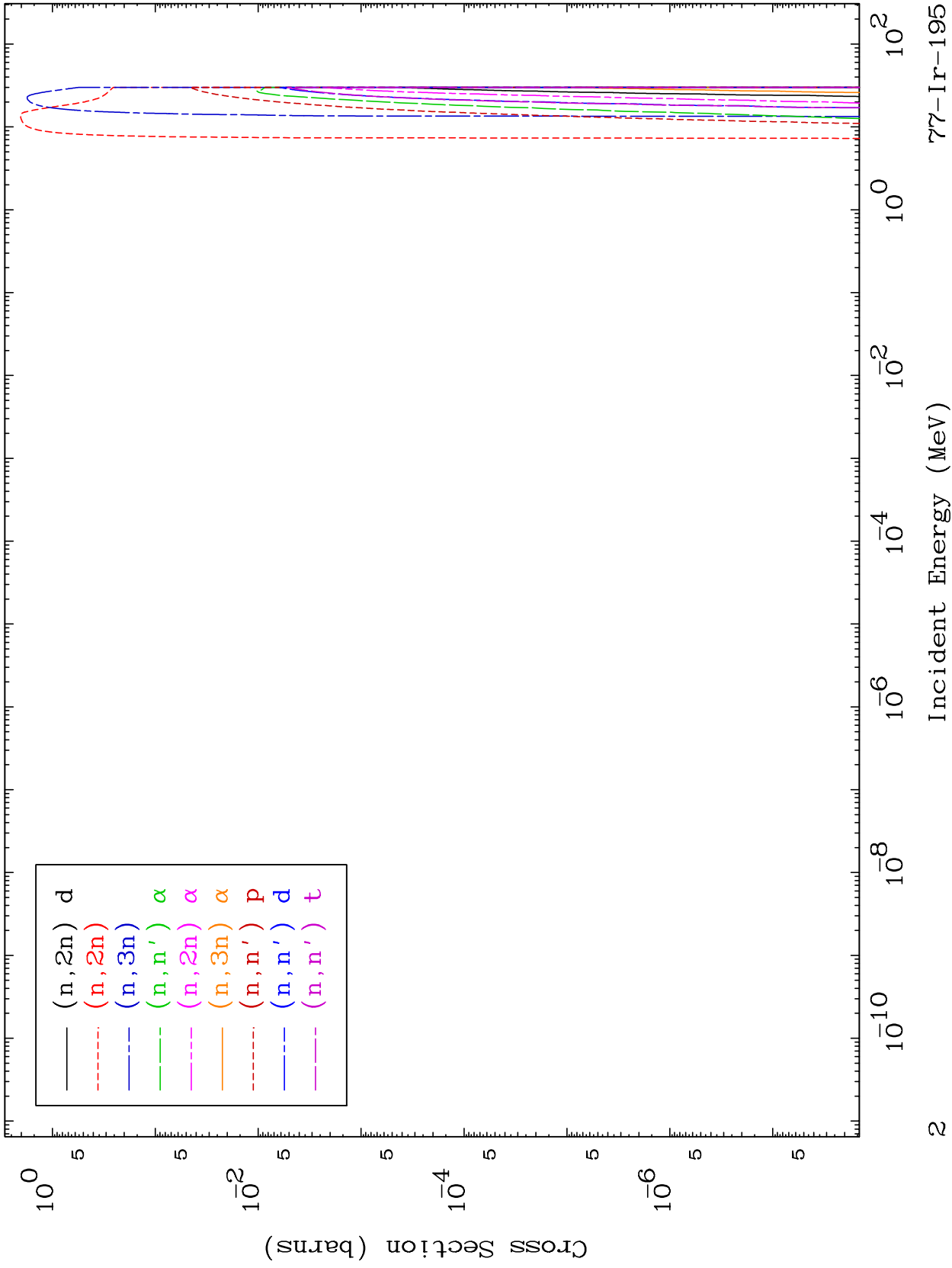
77-Ir-195



MAT 7737

Neutron Absorption  
293 Kelvin Cross Sections

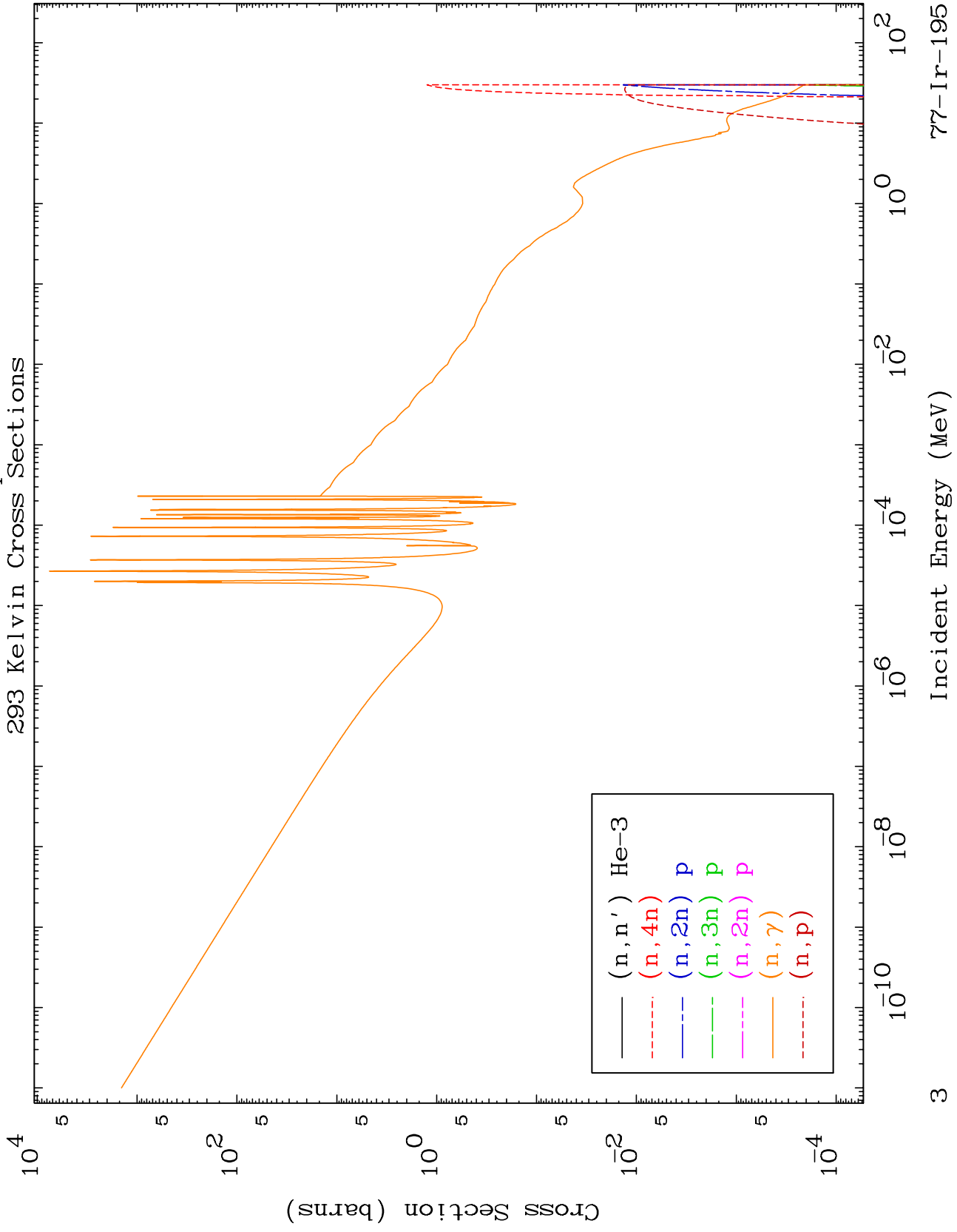
77-Ir-195

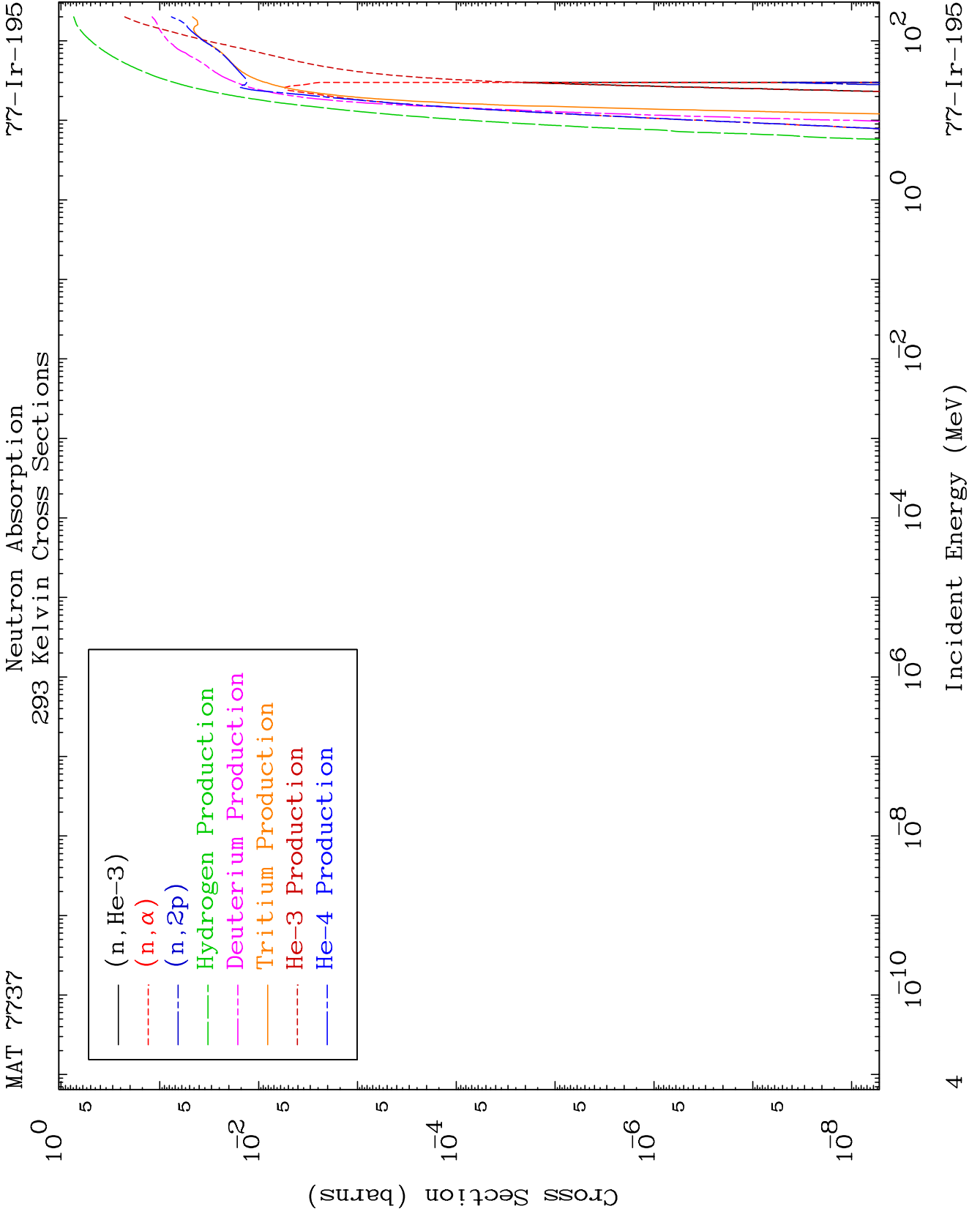


MAT 7737

Neutron Absorption  
293 Kelvin Cross Sections

77-Ir-195

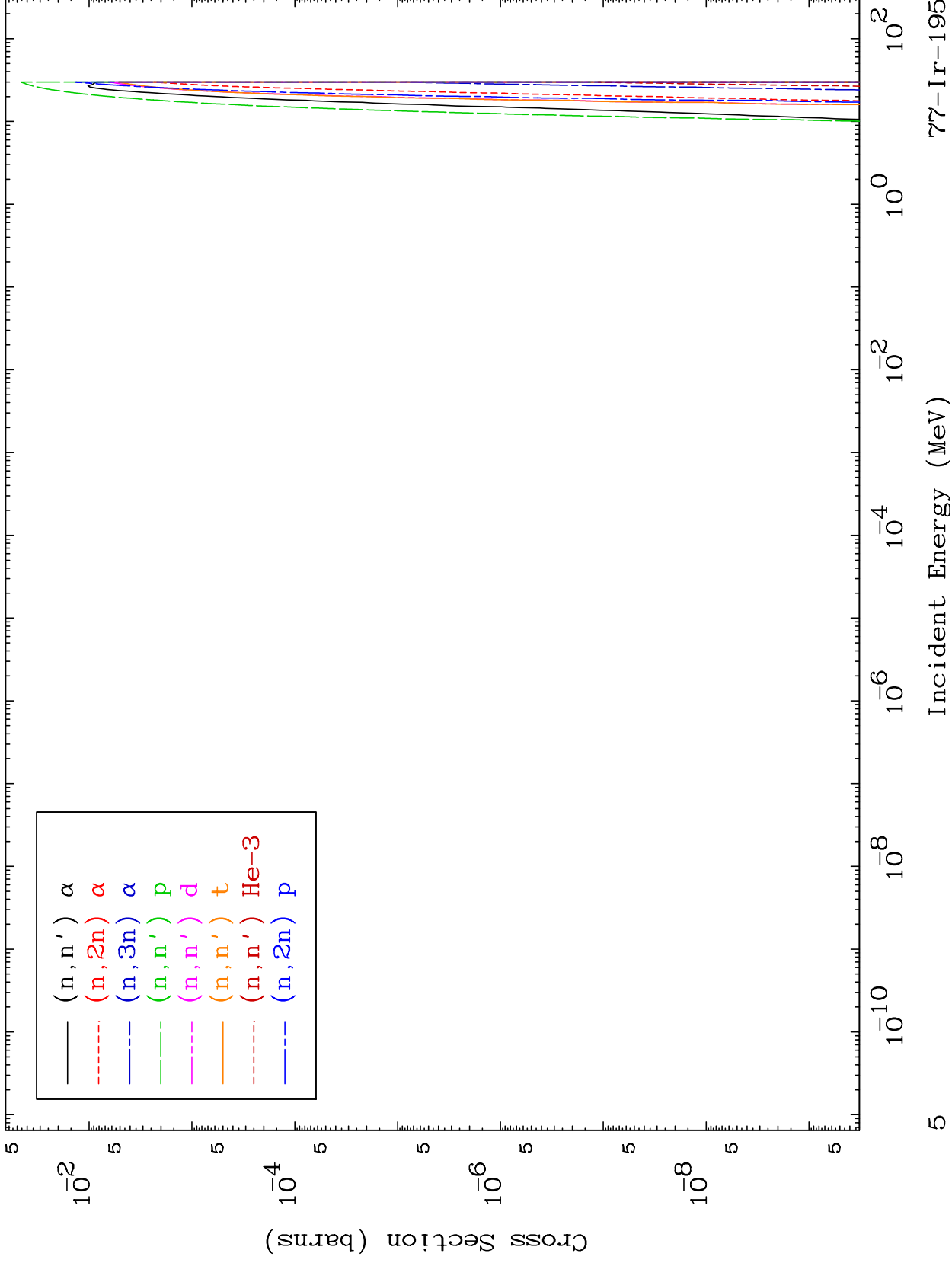




MAT 7737

Charged Particle  
293 Kelvin Cross Sections

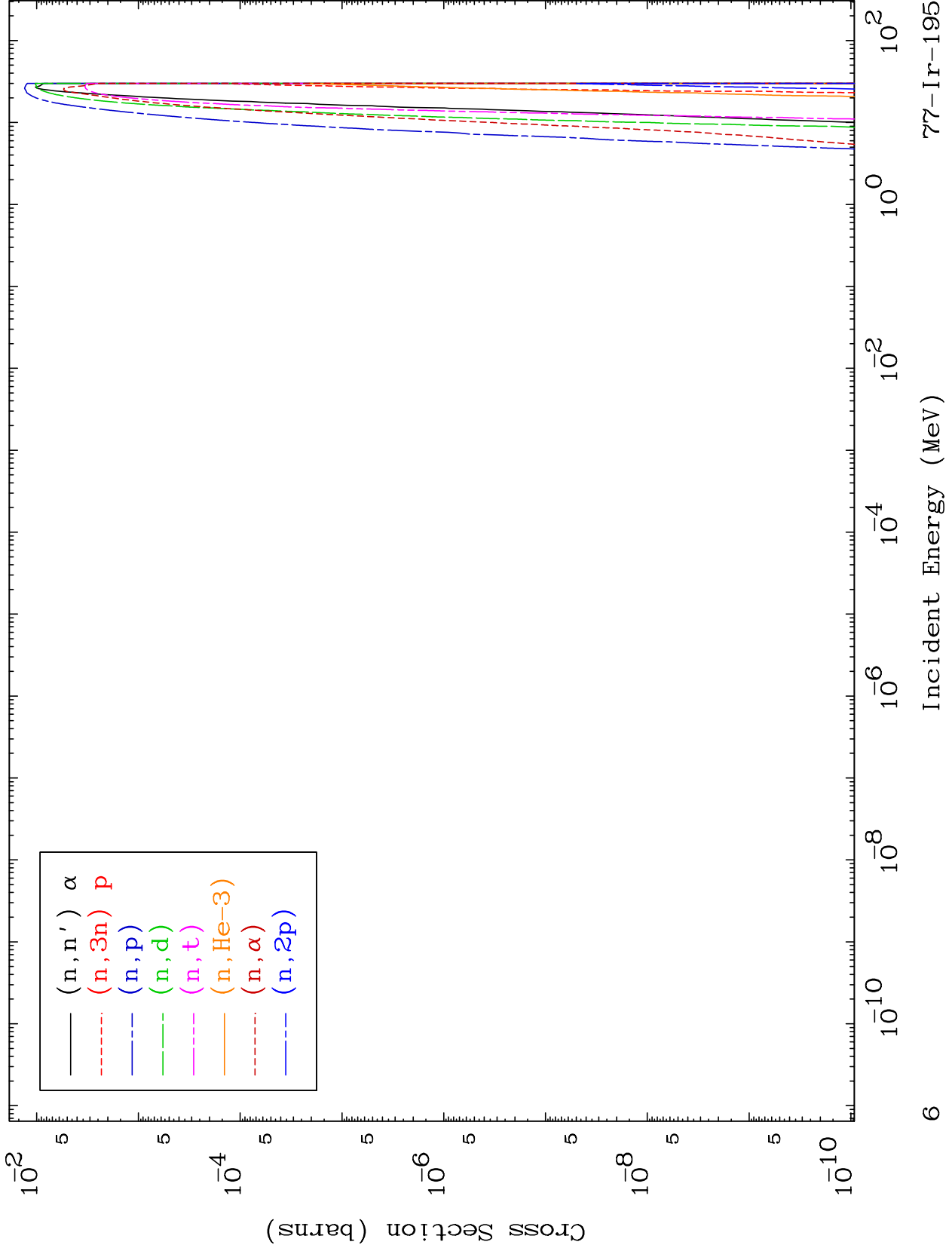
77-Ir-195



MAT 7737

Charged Particle  
293 Kelvin Cross Sections

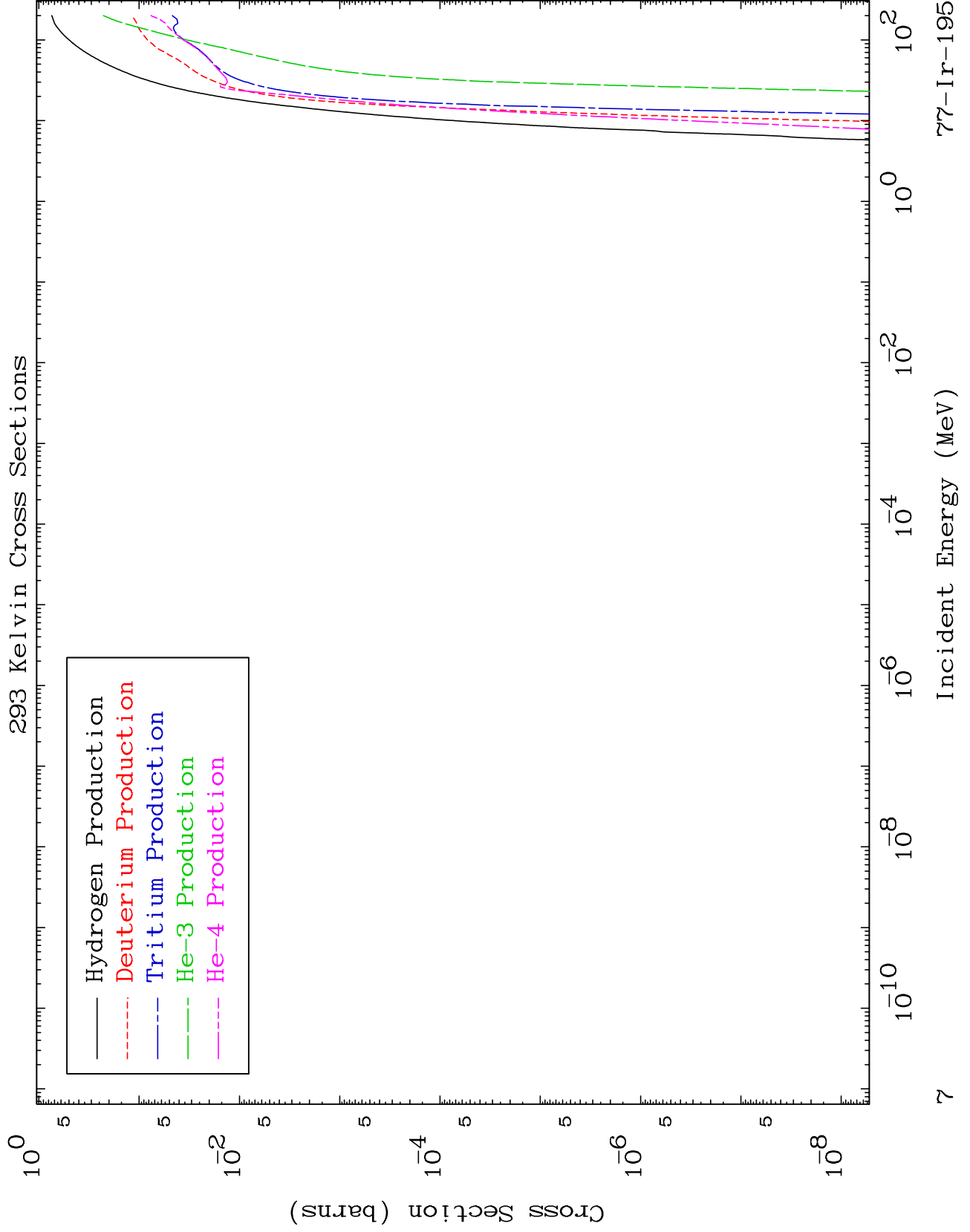
77-Ir-195



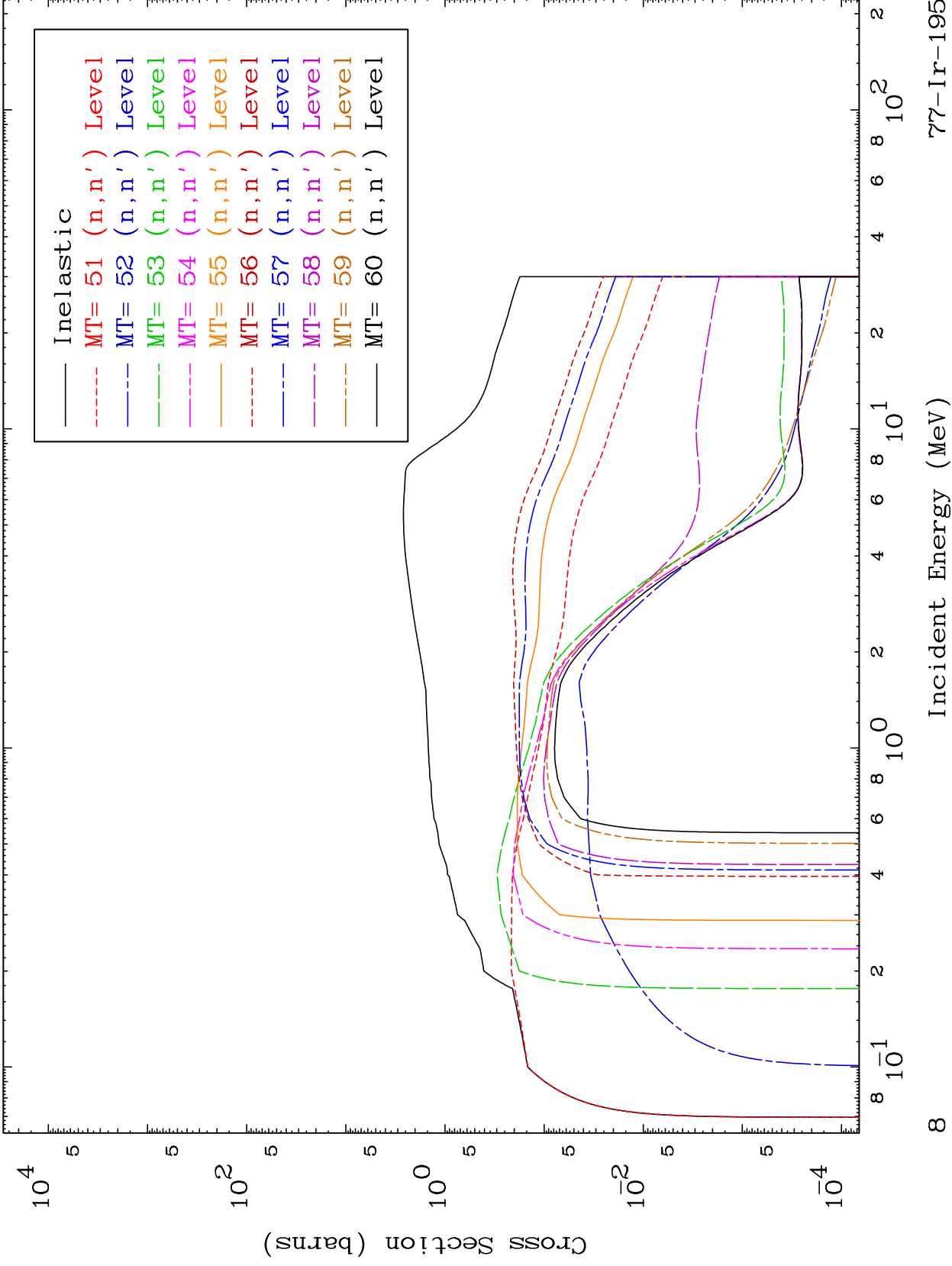
MAT 7737

Particle Production  
293 Kelvin Cross Sections

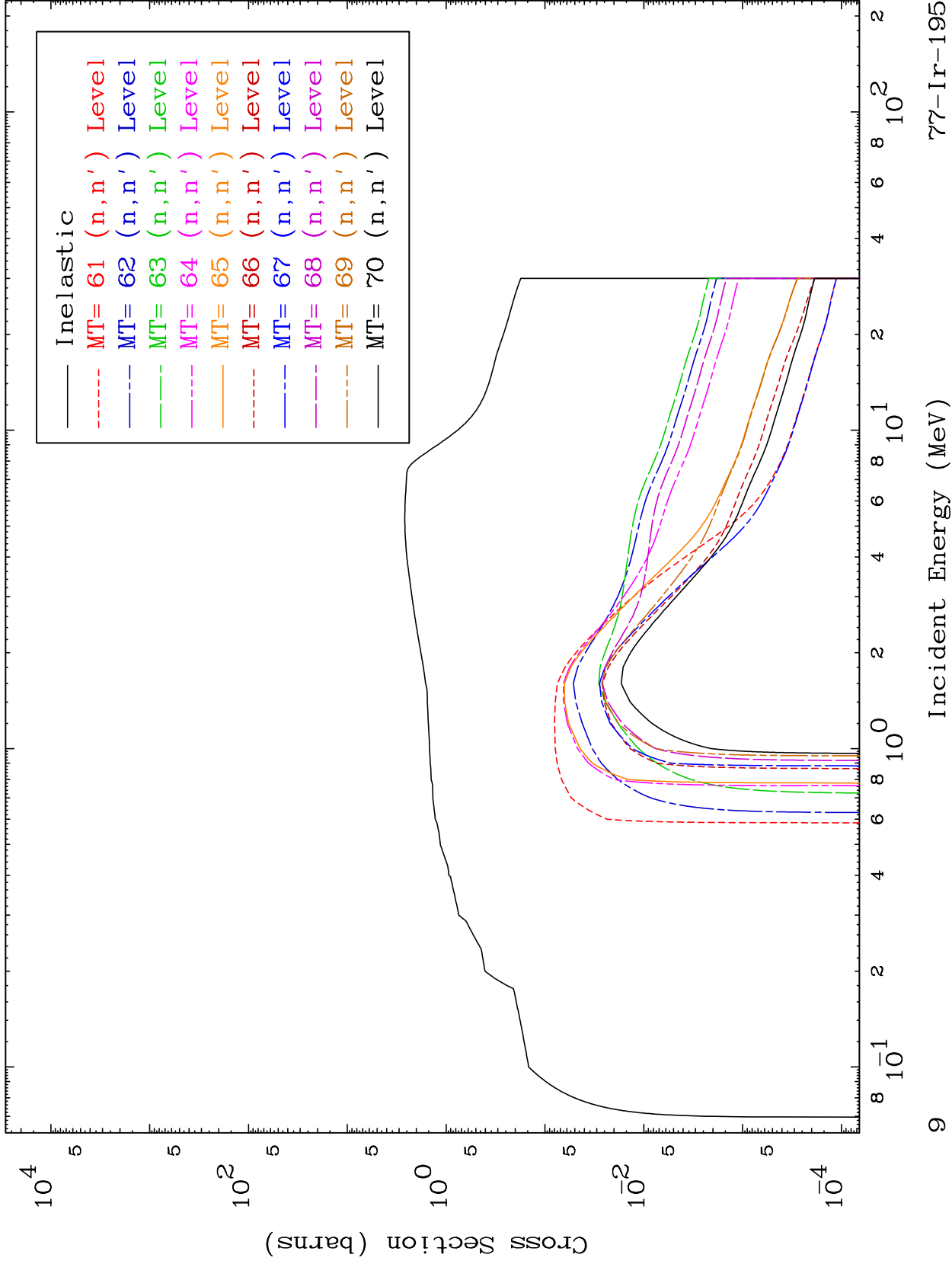
77-Ir-195







293 Kelvin Cross Sections

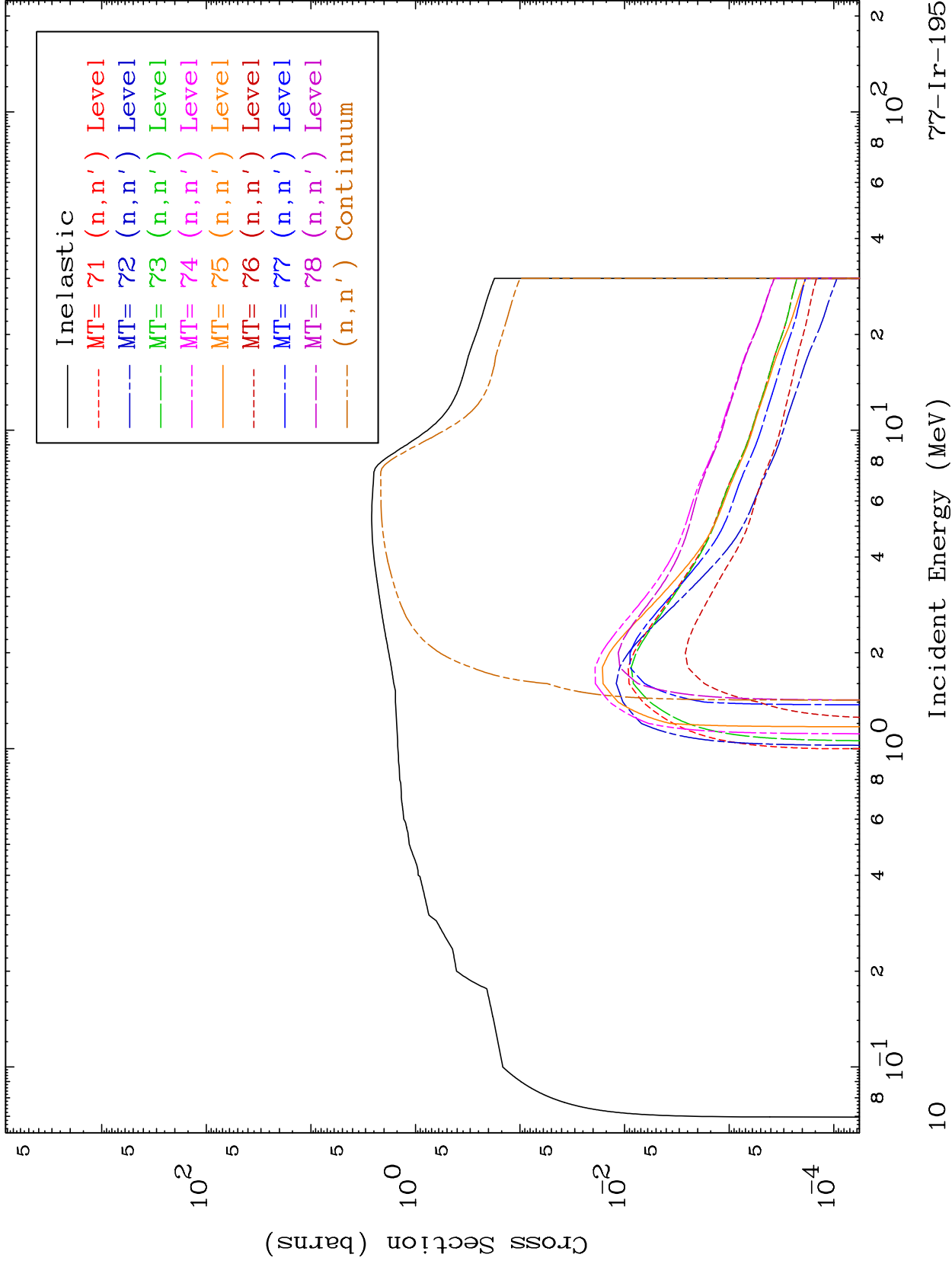


MAT 7737

(n,n') Levels

77-Ir-195

293 Kelvin Cross Sections



77-Ir-195

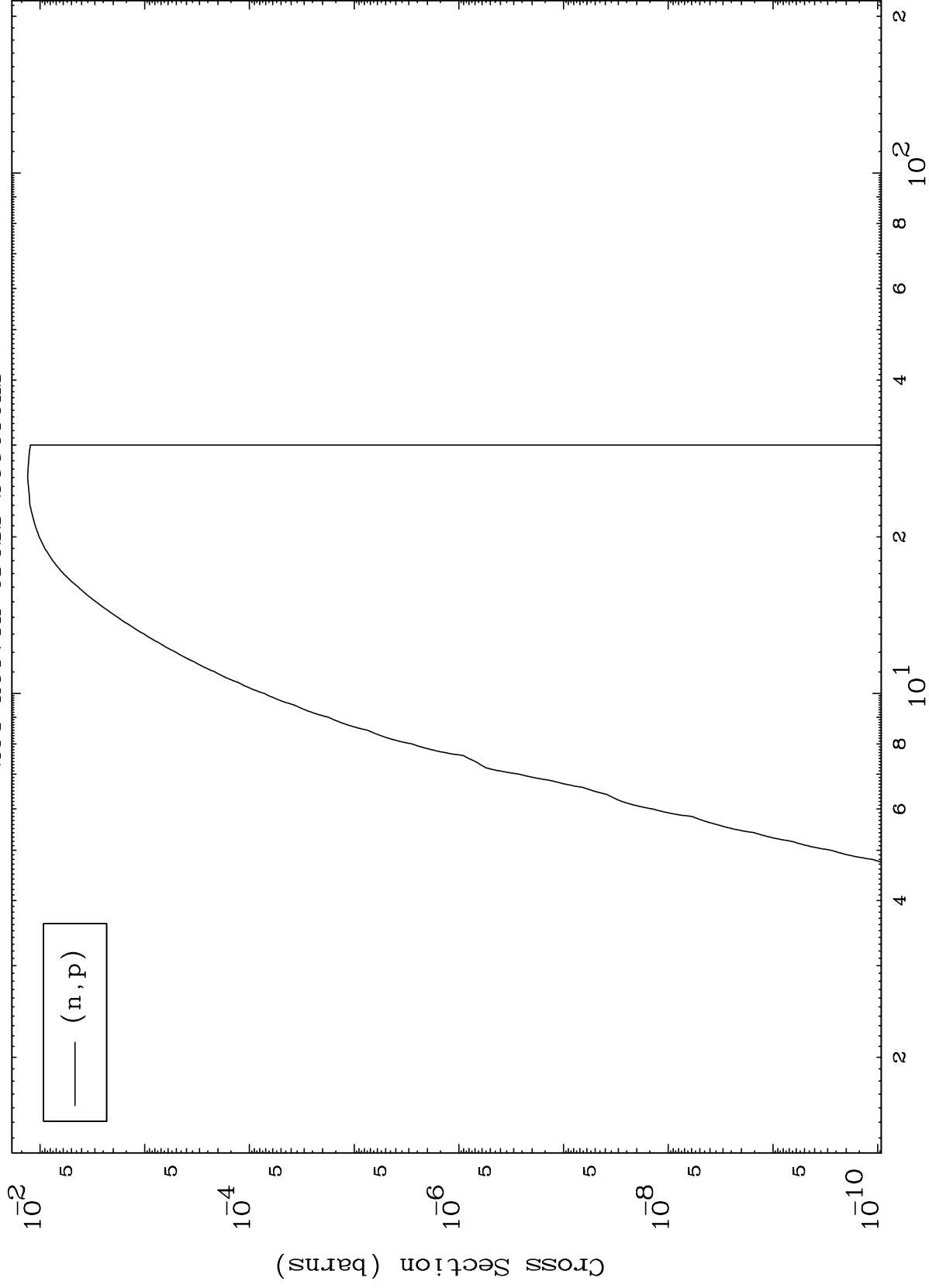
Incident Energy (MeV)

10

MAT 7737

(n,p) Levels  
293 Kelvin Cross Sections

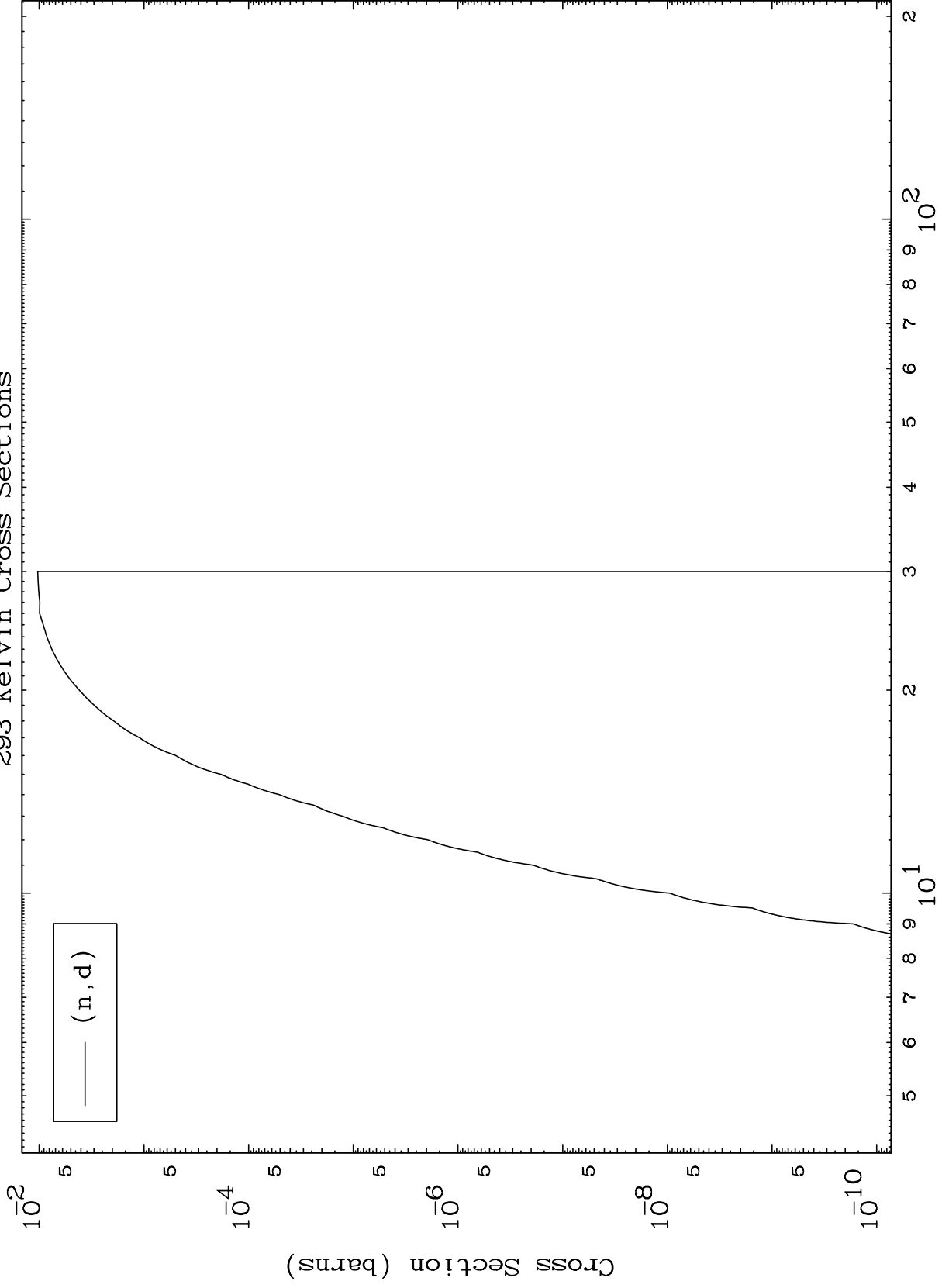
77-Ir-195



MAT 7737

(n,d) Levels  
293 Kelvin Cross Sections

77-Ir-195



12

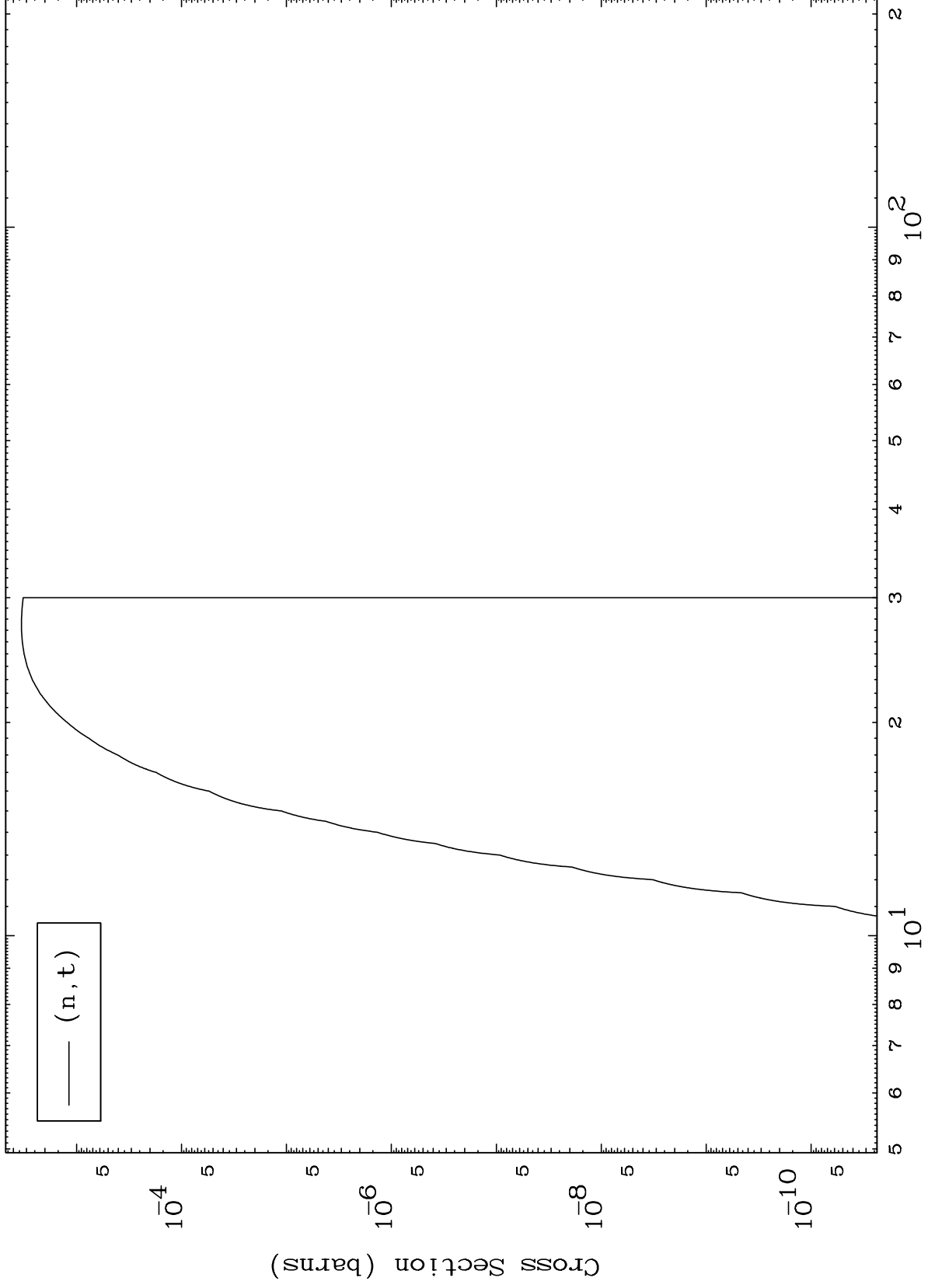
Incident Energy (MeV)

77-Ir-195

MAT 7737

(n,t) Levels  
293 Kelvin Cross Sections

77-Ir-195



13

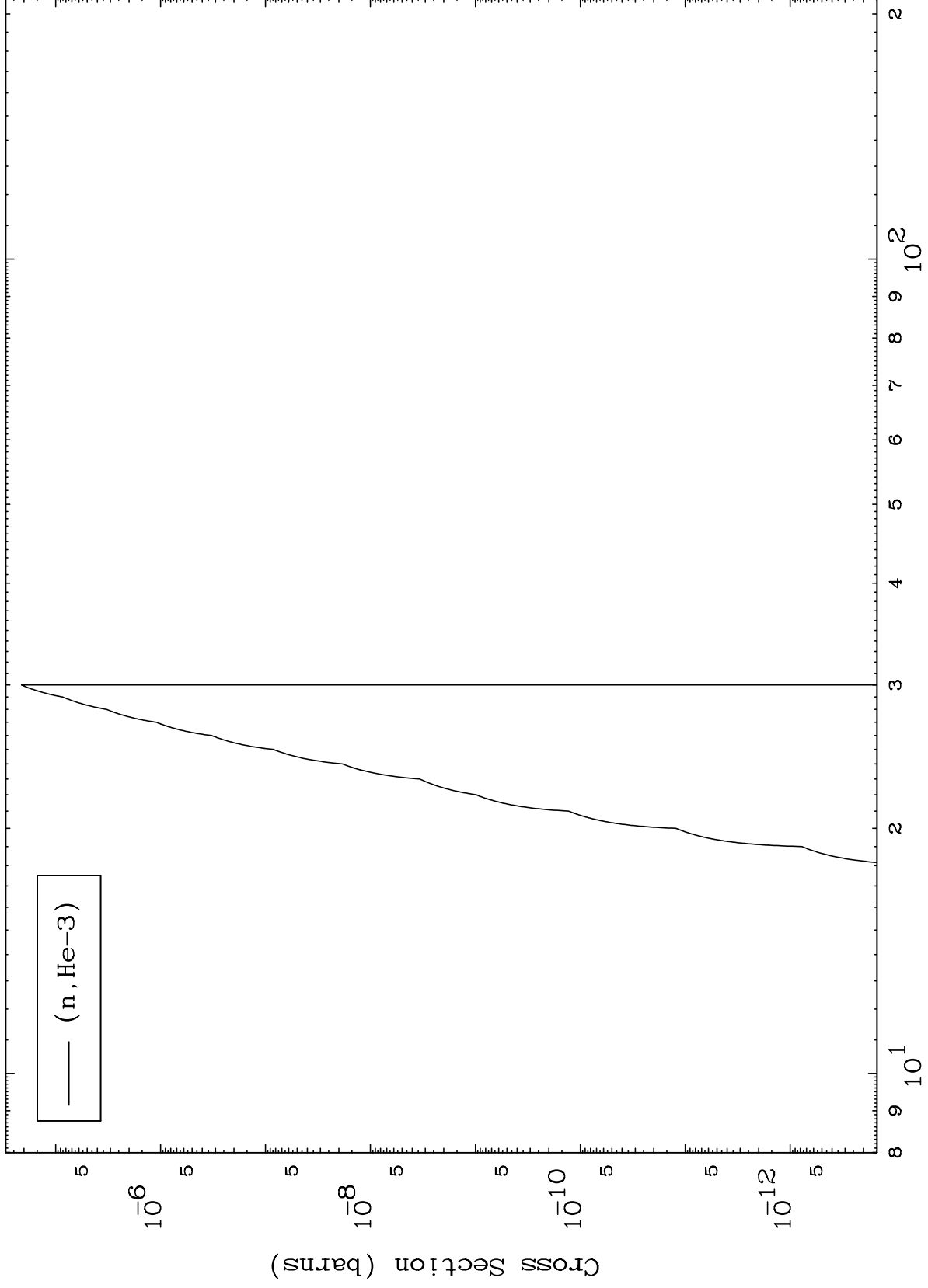
Incident Energy (MeV)

77-Ir-195

MAT 7737

(n,He3) Levels  
293 Kelvin Cross Sections

77-Ir-195



14

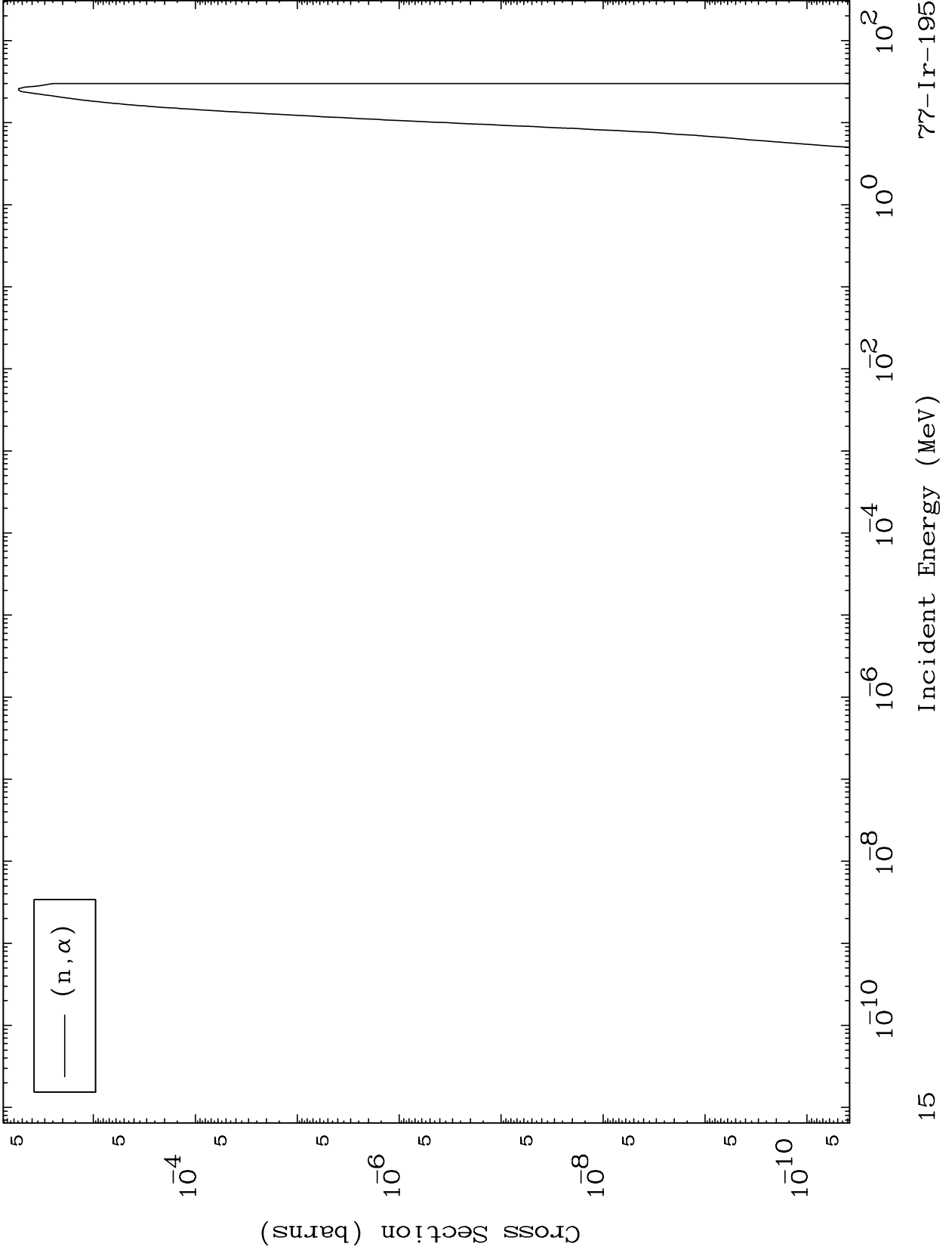
Incident Energy (MeV)

77-Ir-195

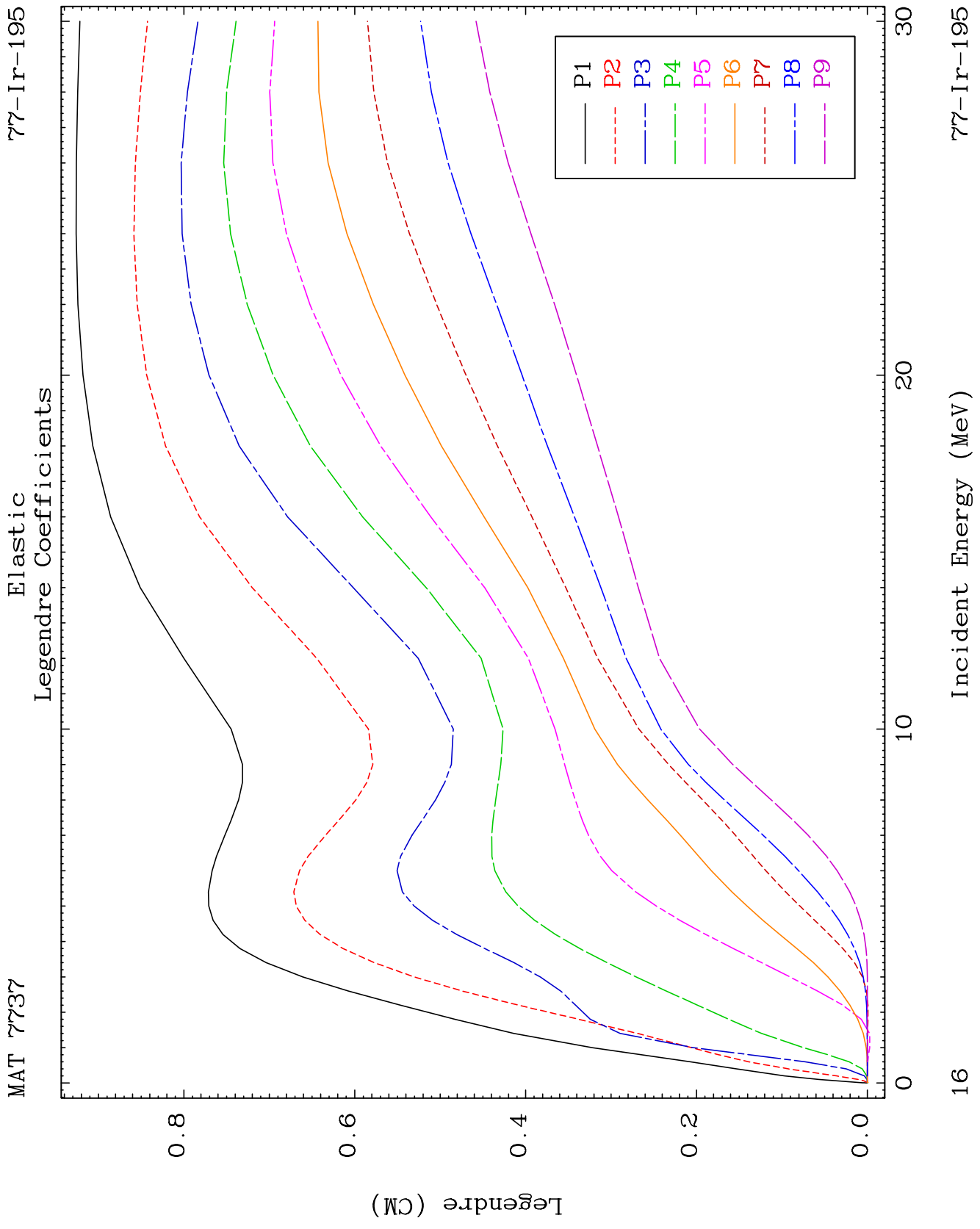
MAT 7737

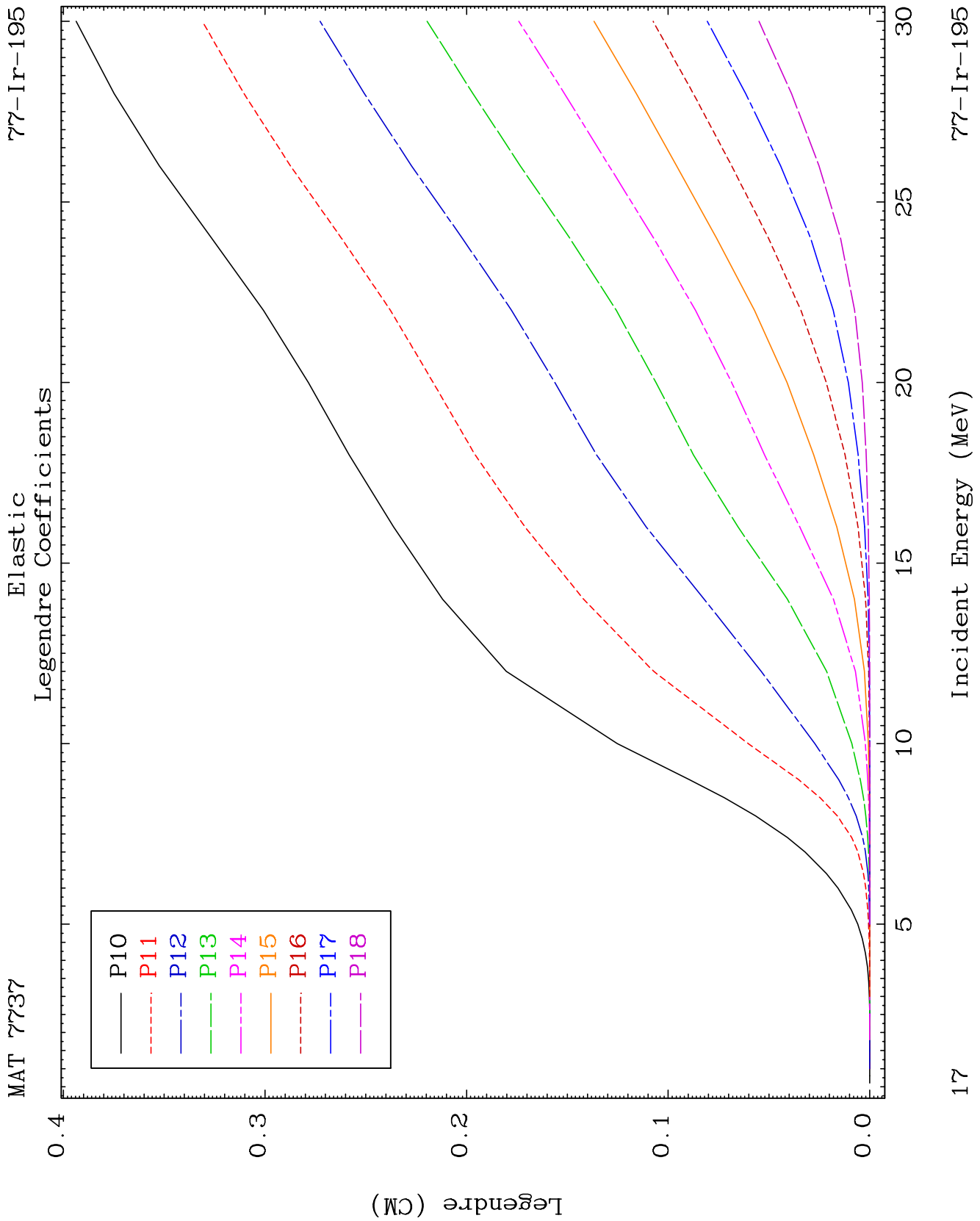
(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

77-Ir-195





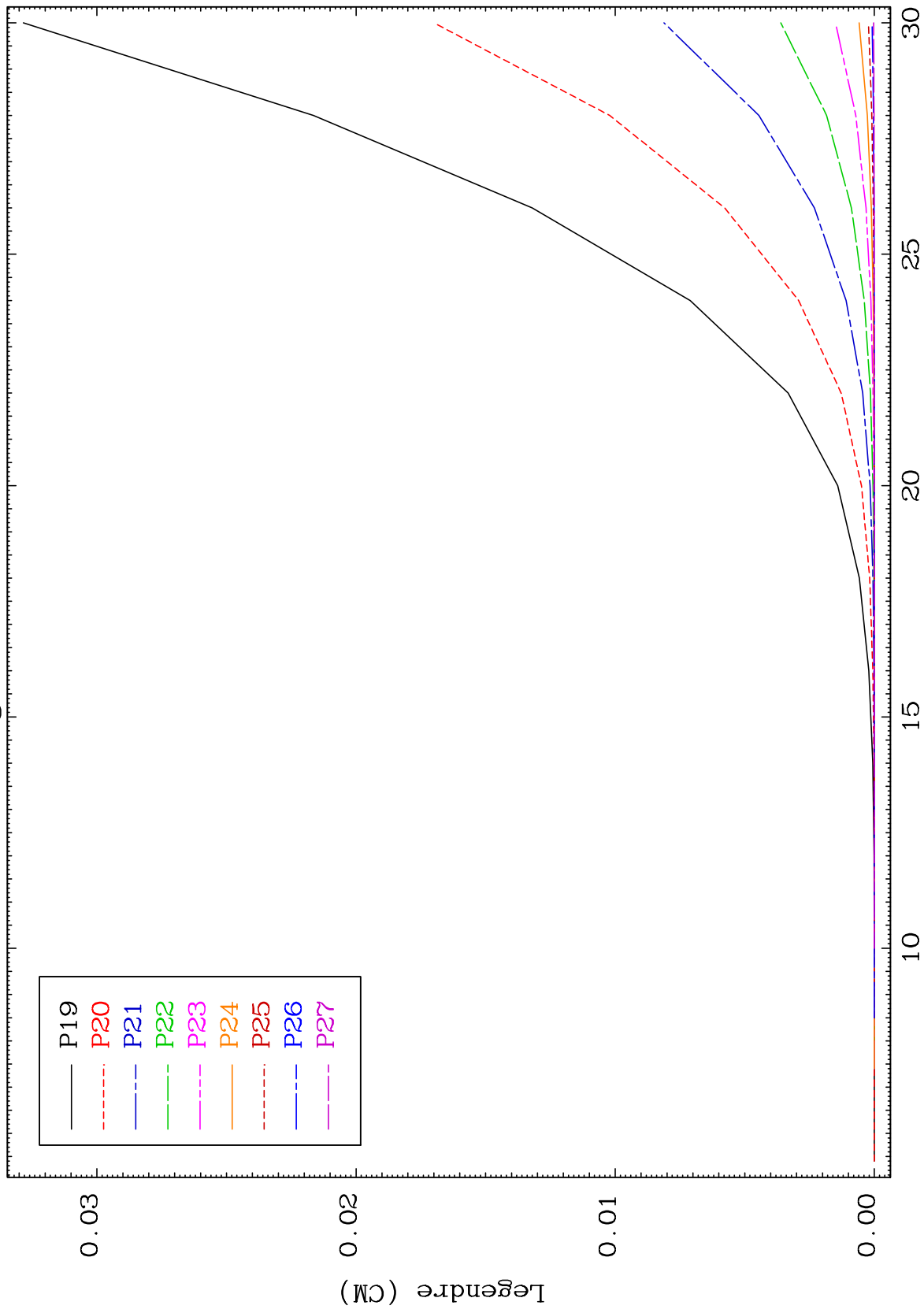




MAT 7737

Elastic Legendre Coefficients

77-Ir-195



18

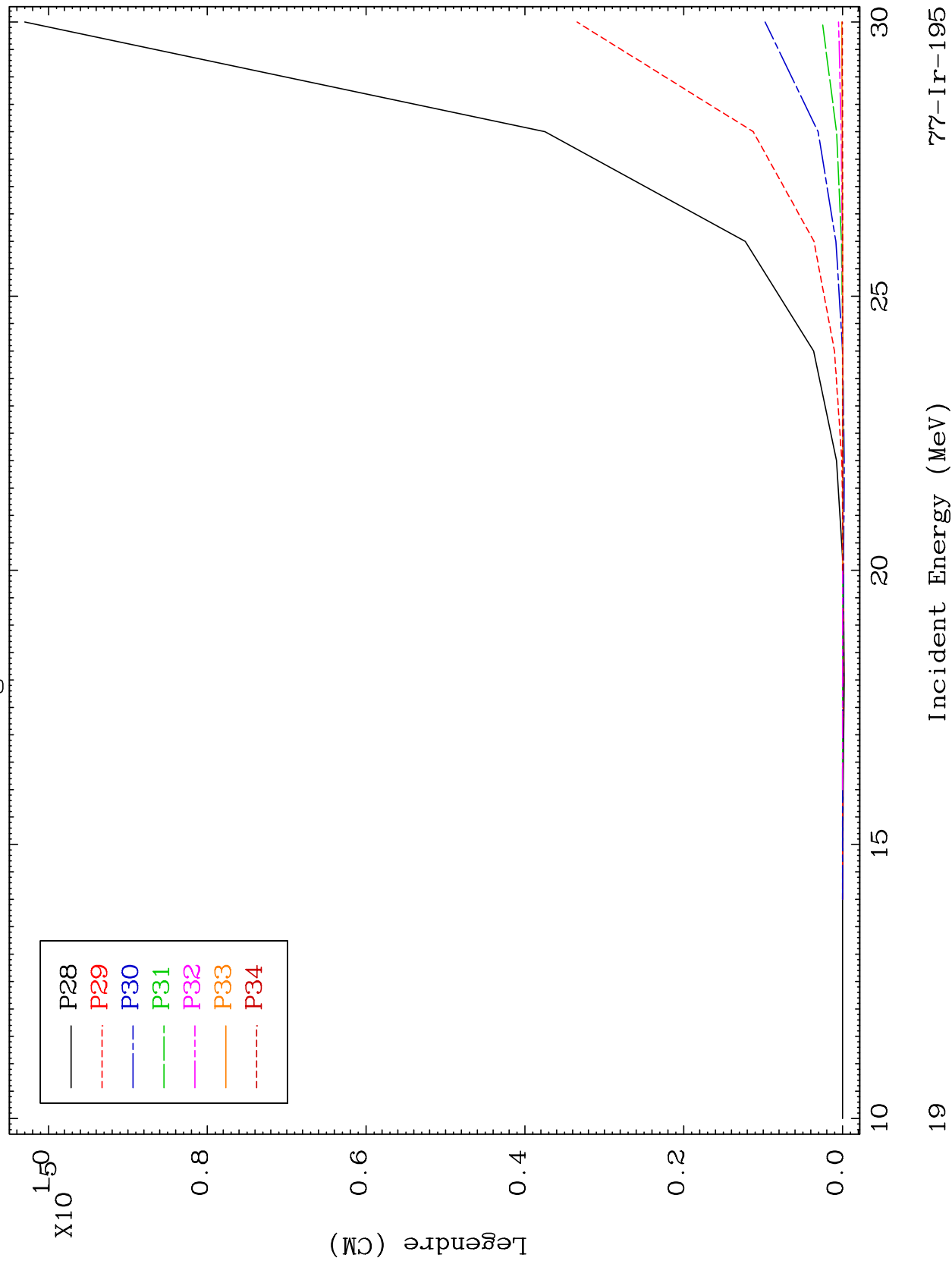
Incident Energy (MeV)

77-Ir-195

MAT 7737

Elastic Legendre Coefficients

77-Ir-195



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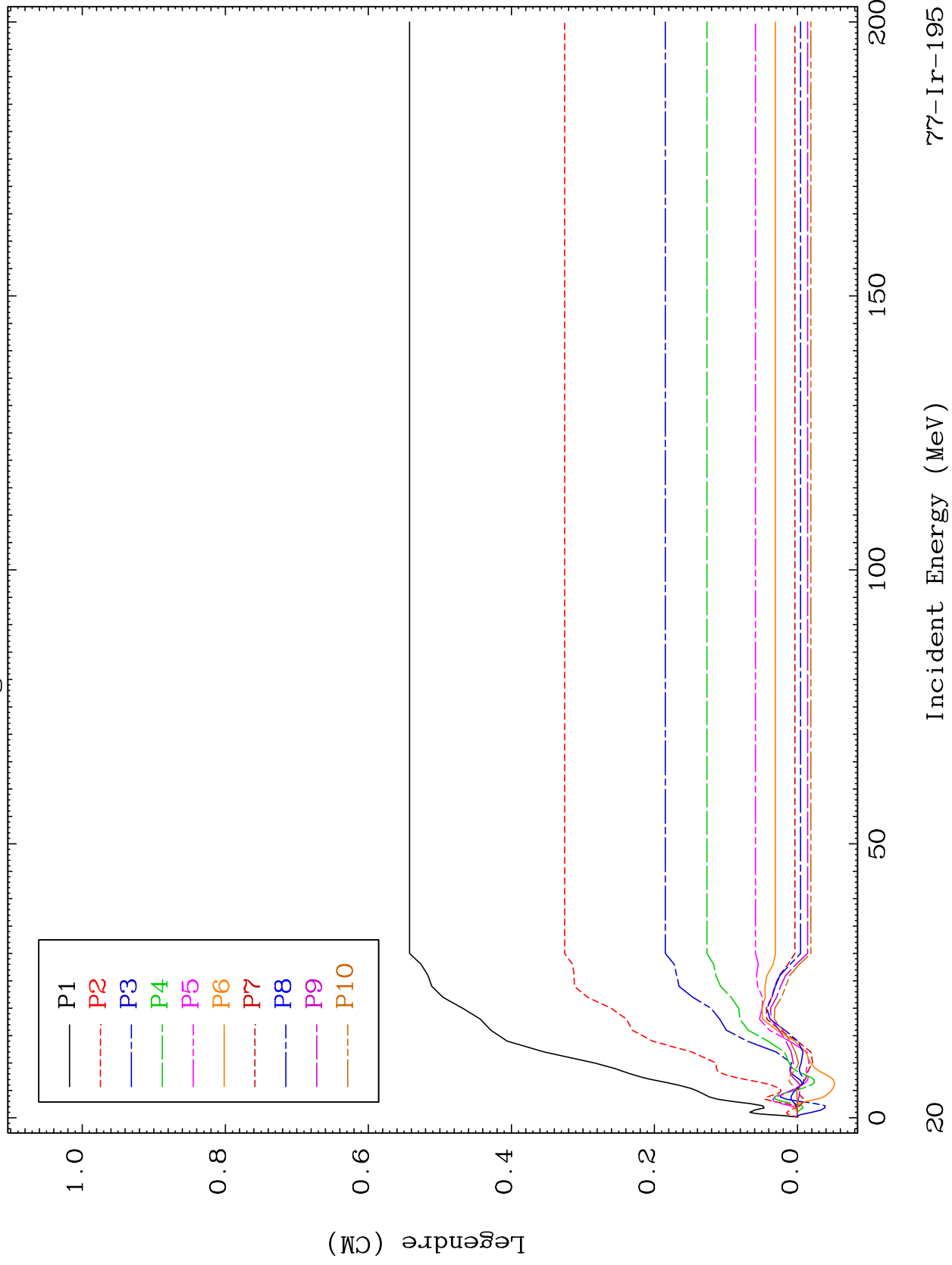
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



77-Ir-195

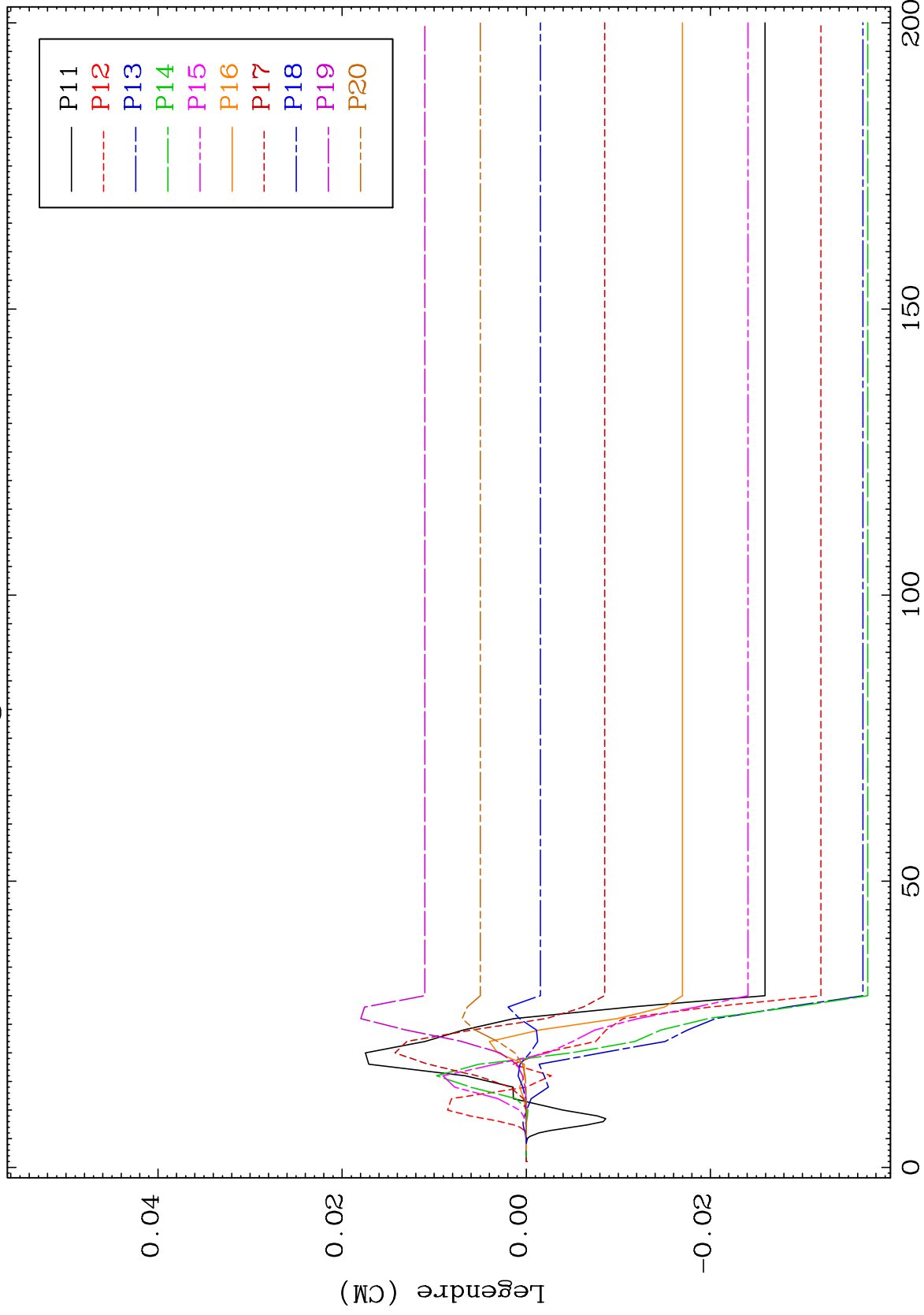
Incident Energy (MeV)

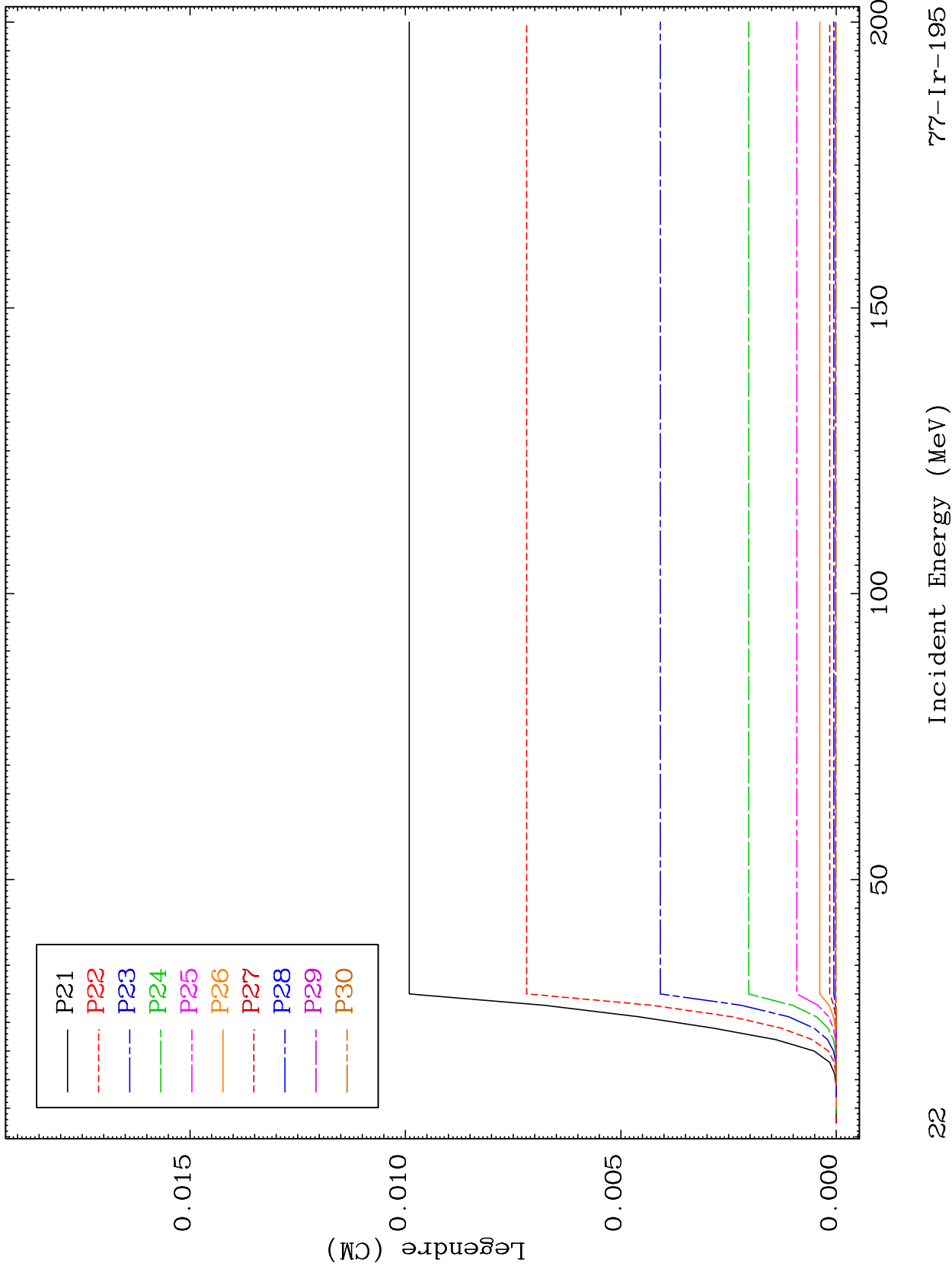
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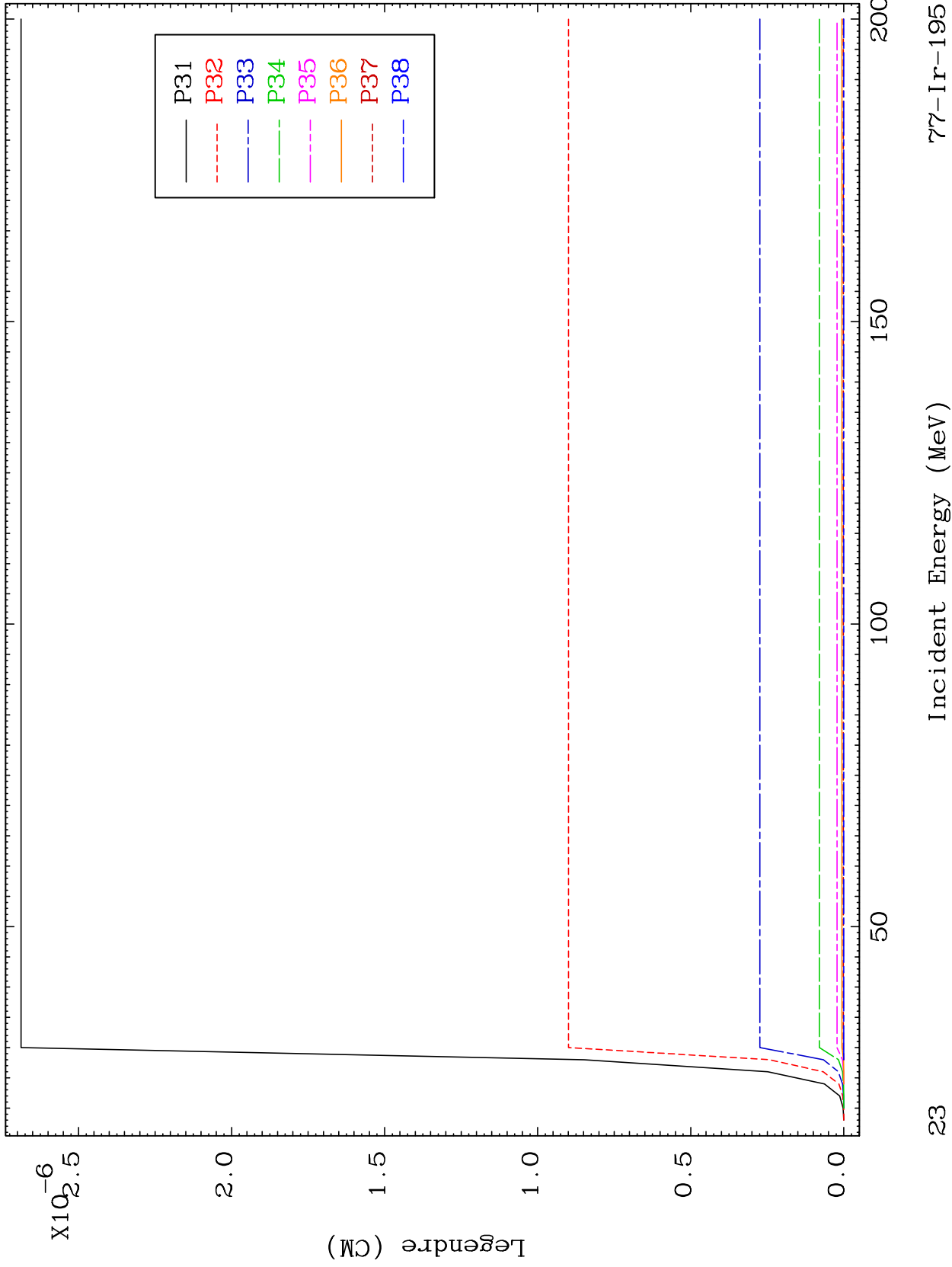
MAT 7737

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

77-Ir-195





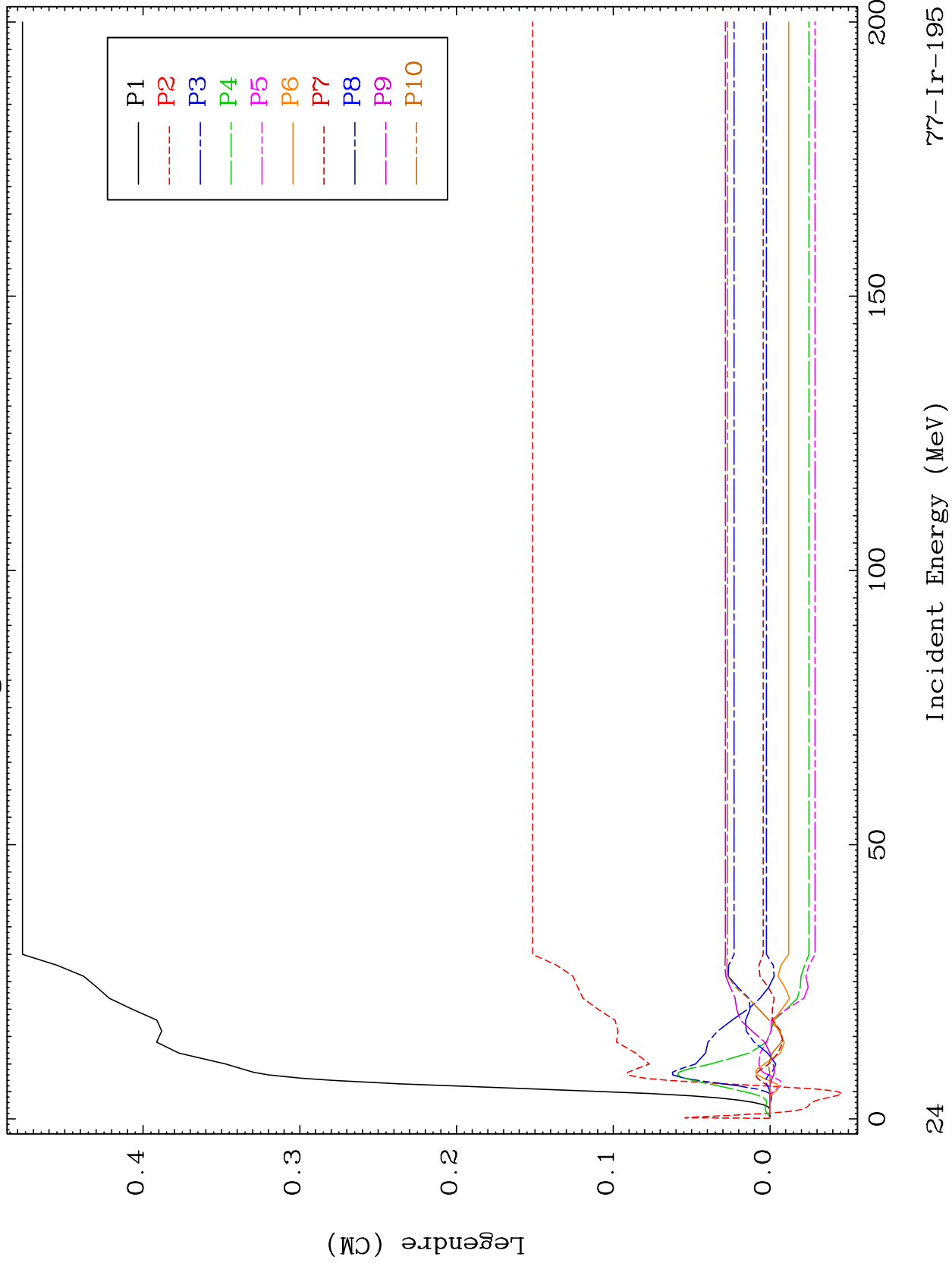




MAT 7737

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

77-Ir-195



77-Ir-195

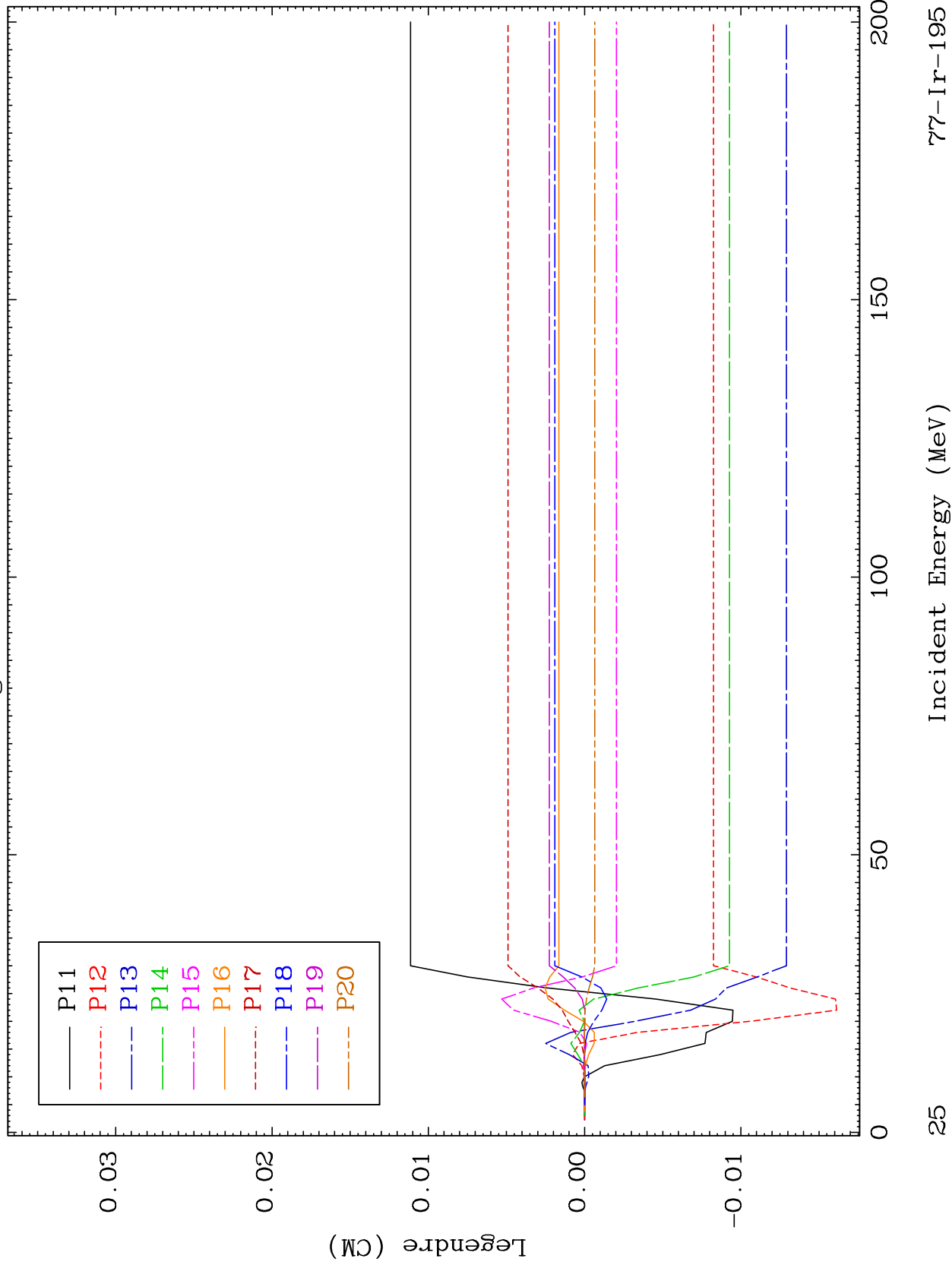
Incident Energy (MeV)

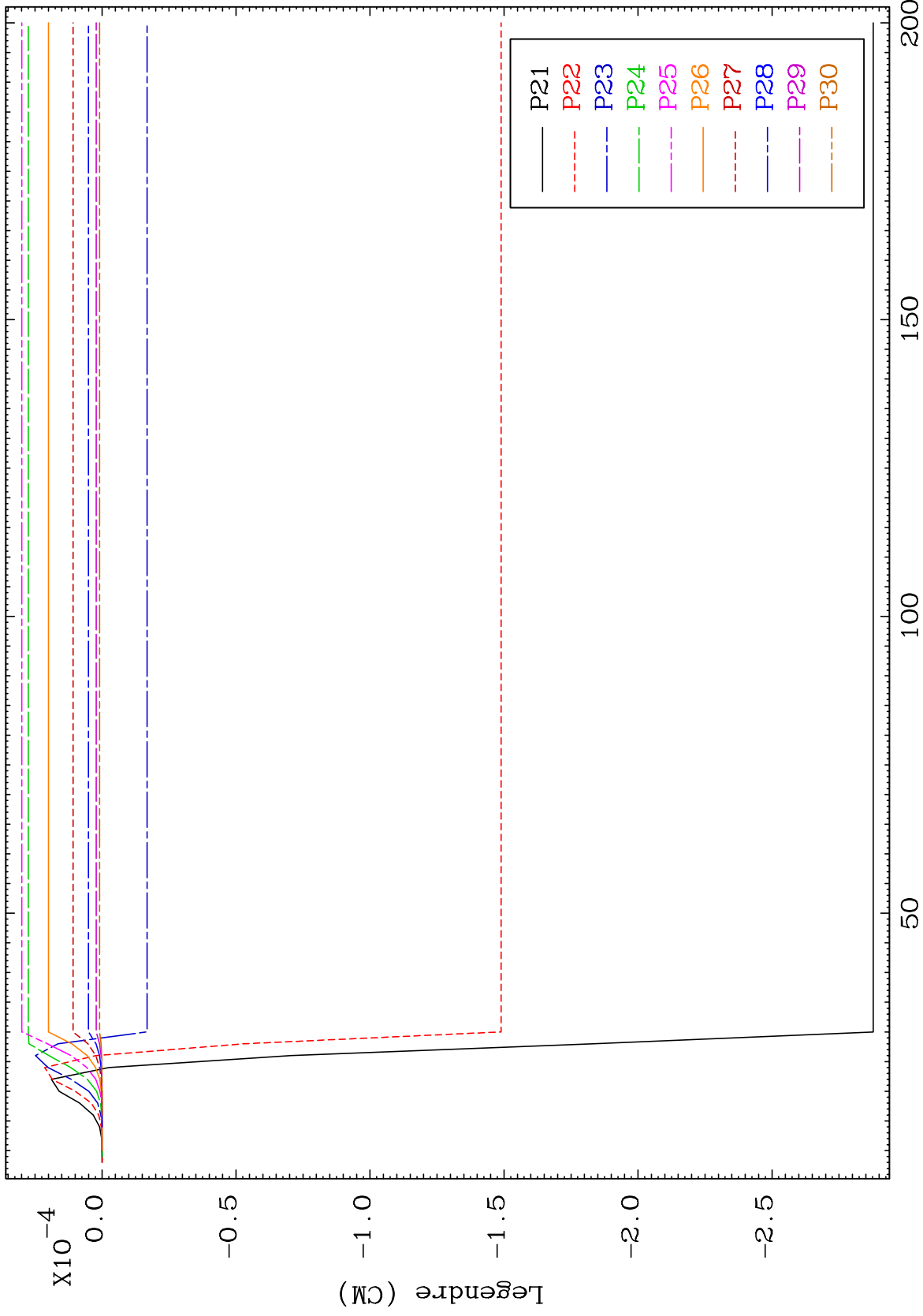
24

MAT 7737

77-Ir-195

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

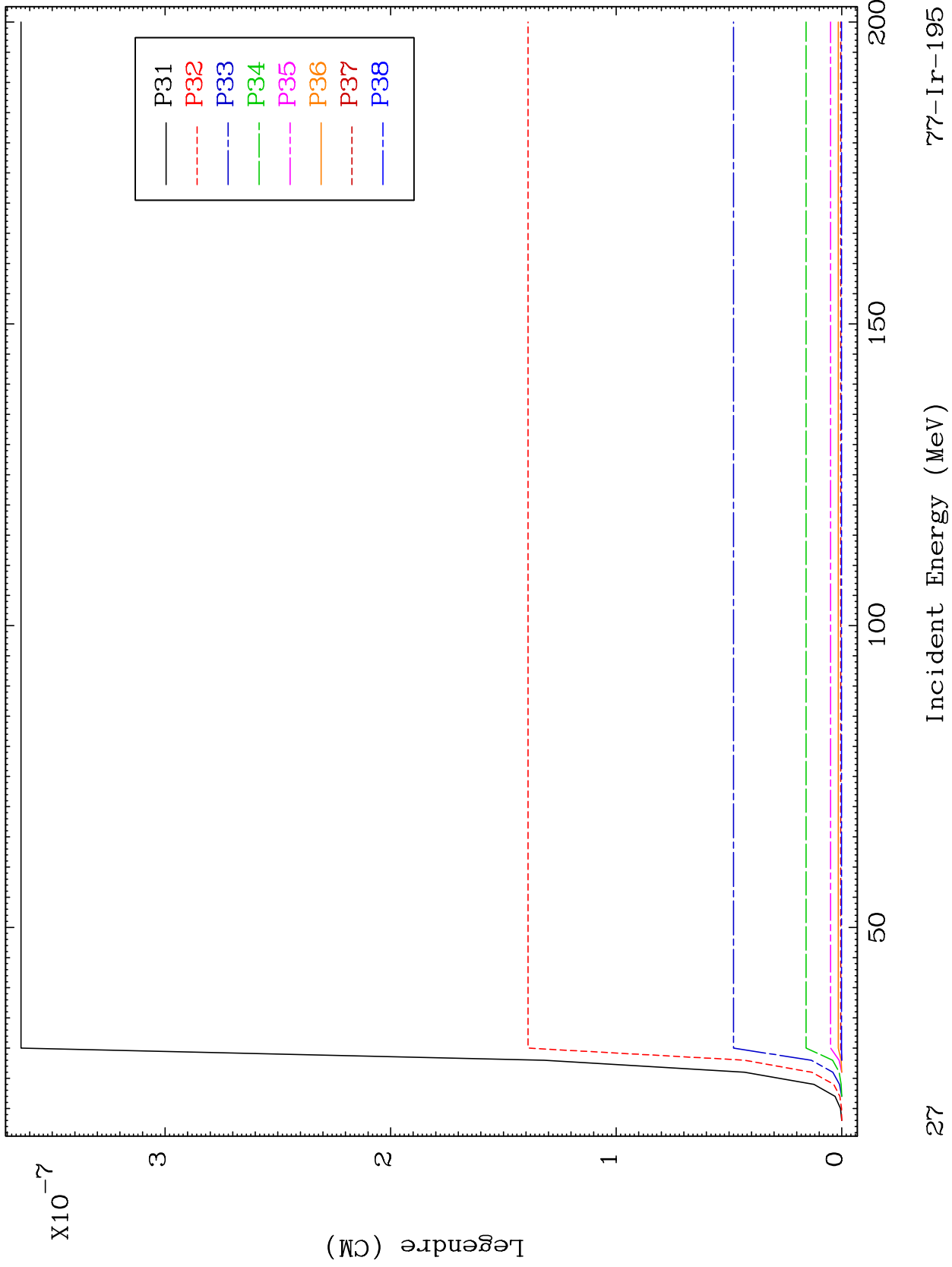




MAT 7737

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

77-Ir-195



27

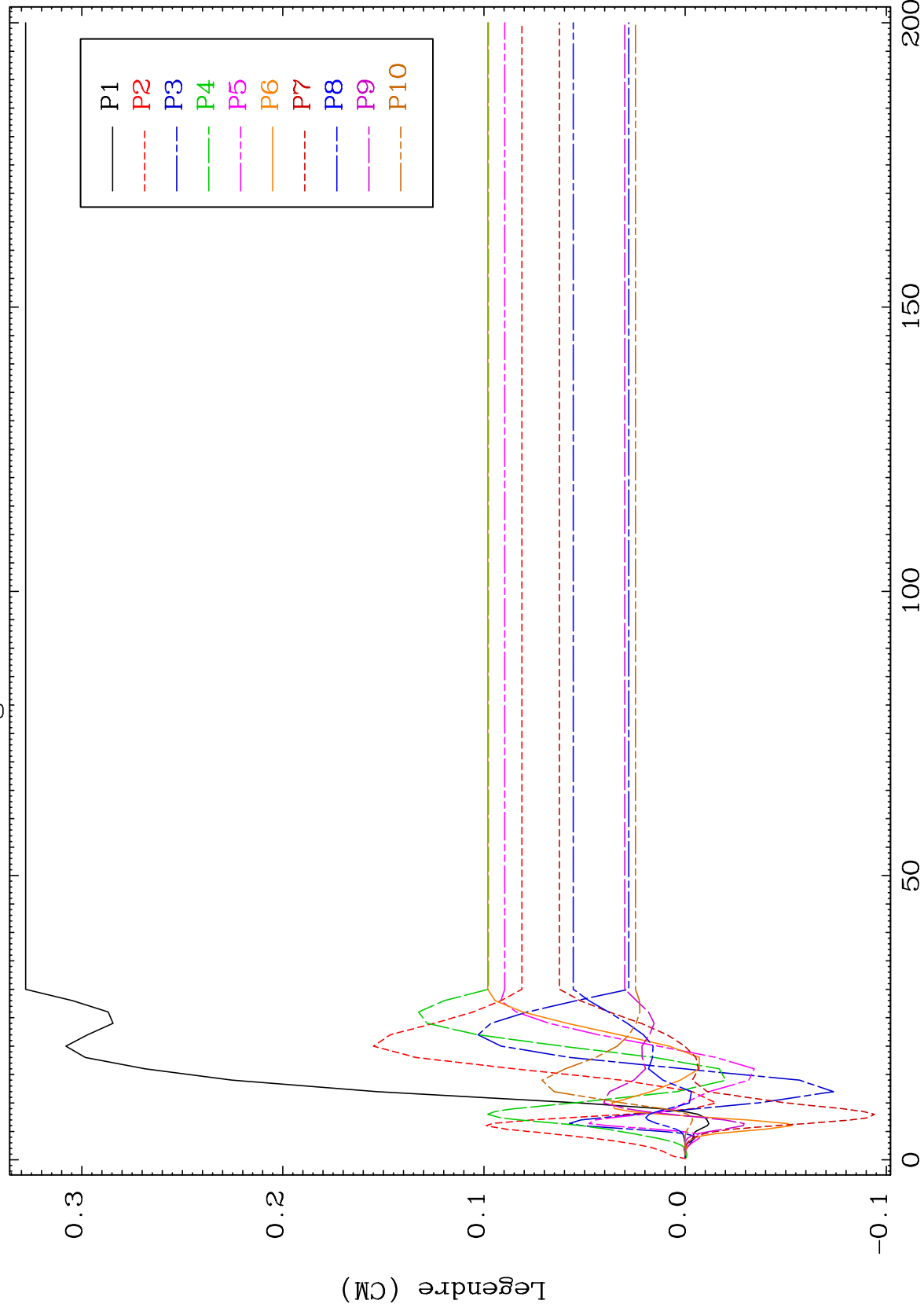
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



28

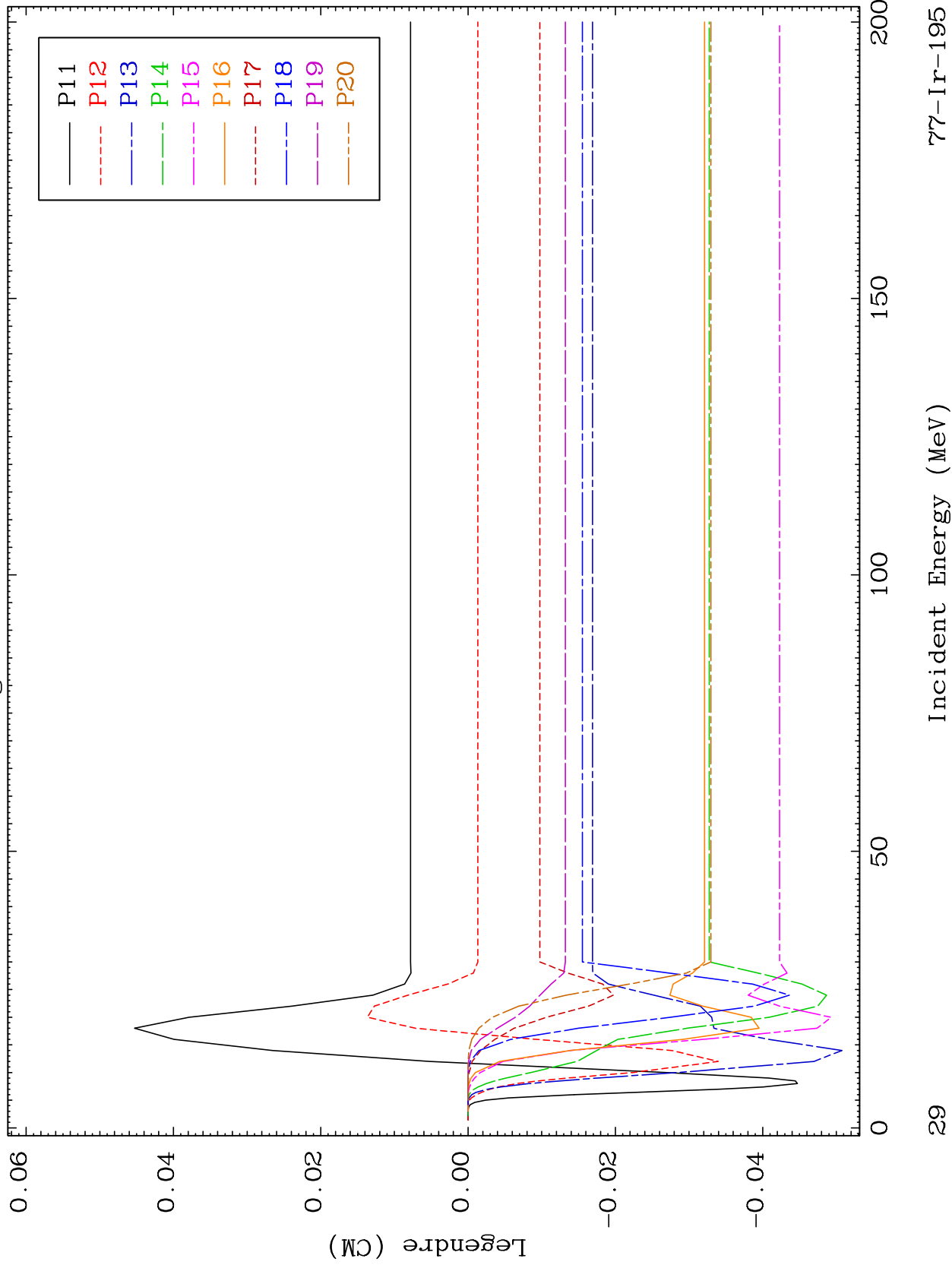
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



29

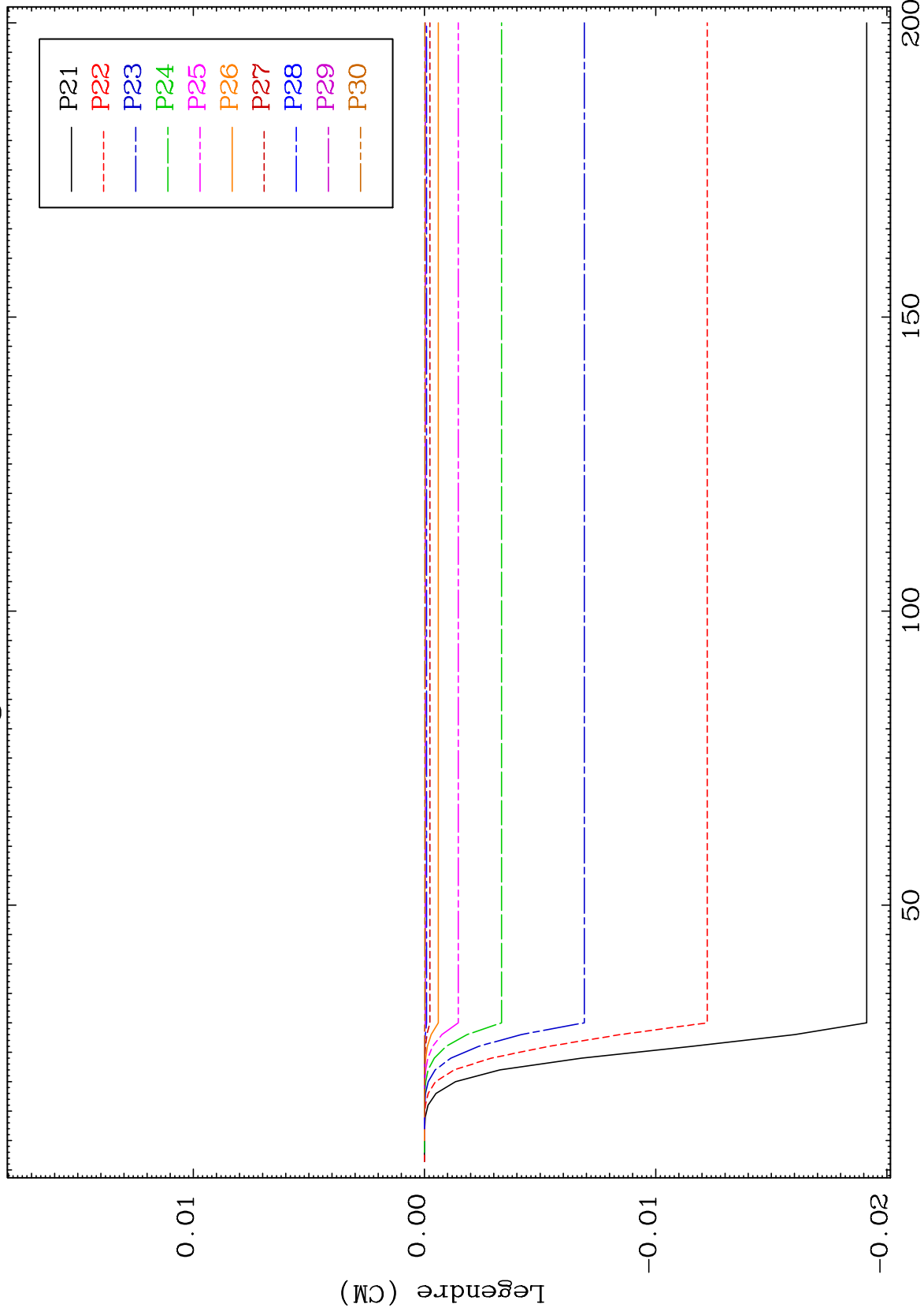
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

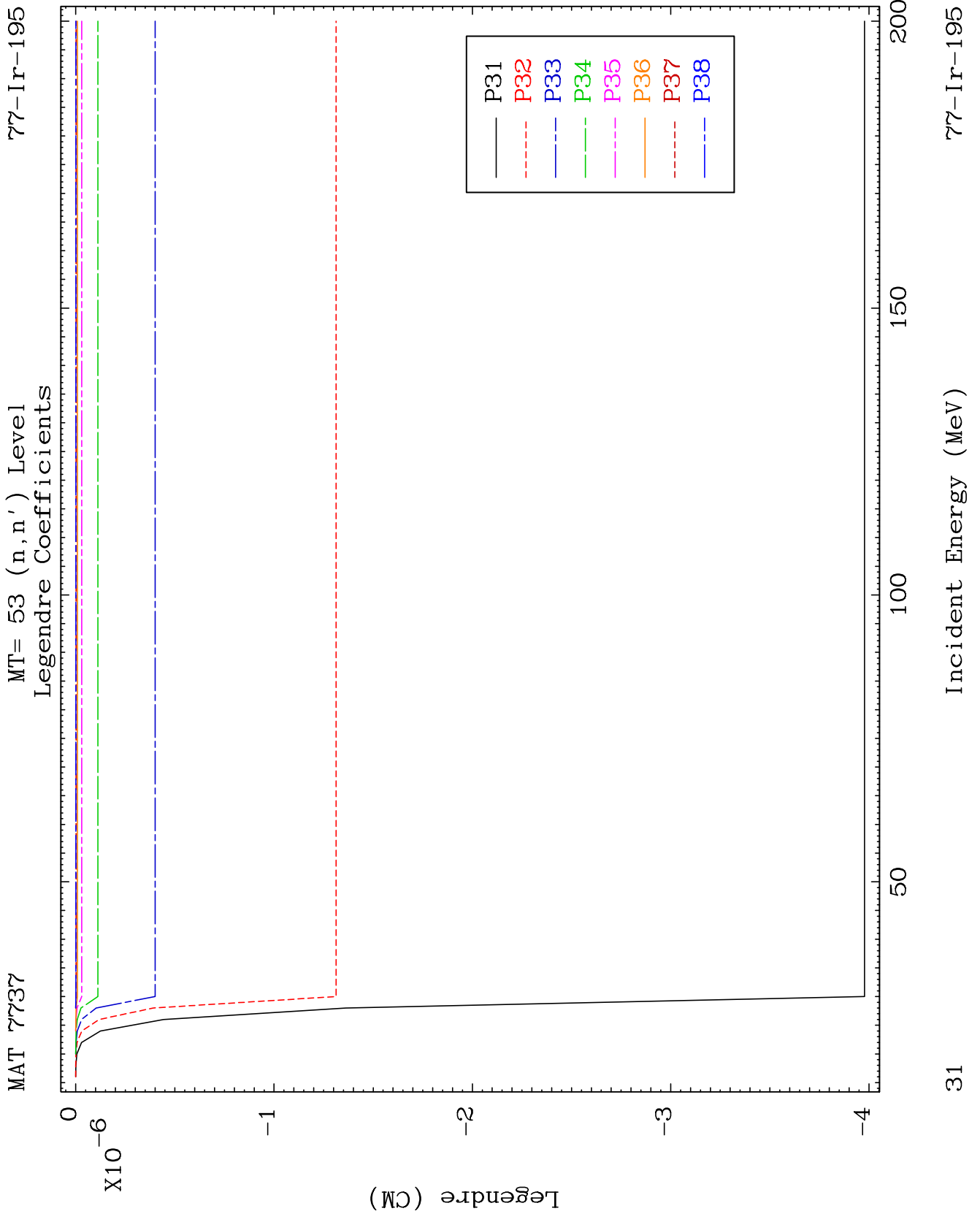
77-Ir-195



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Incident Energy (MeV)

77-Ir-195

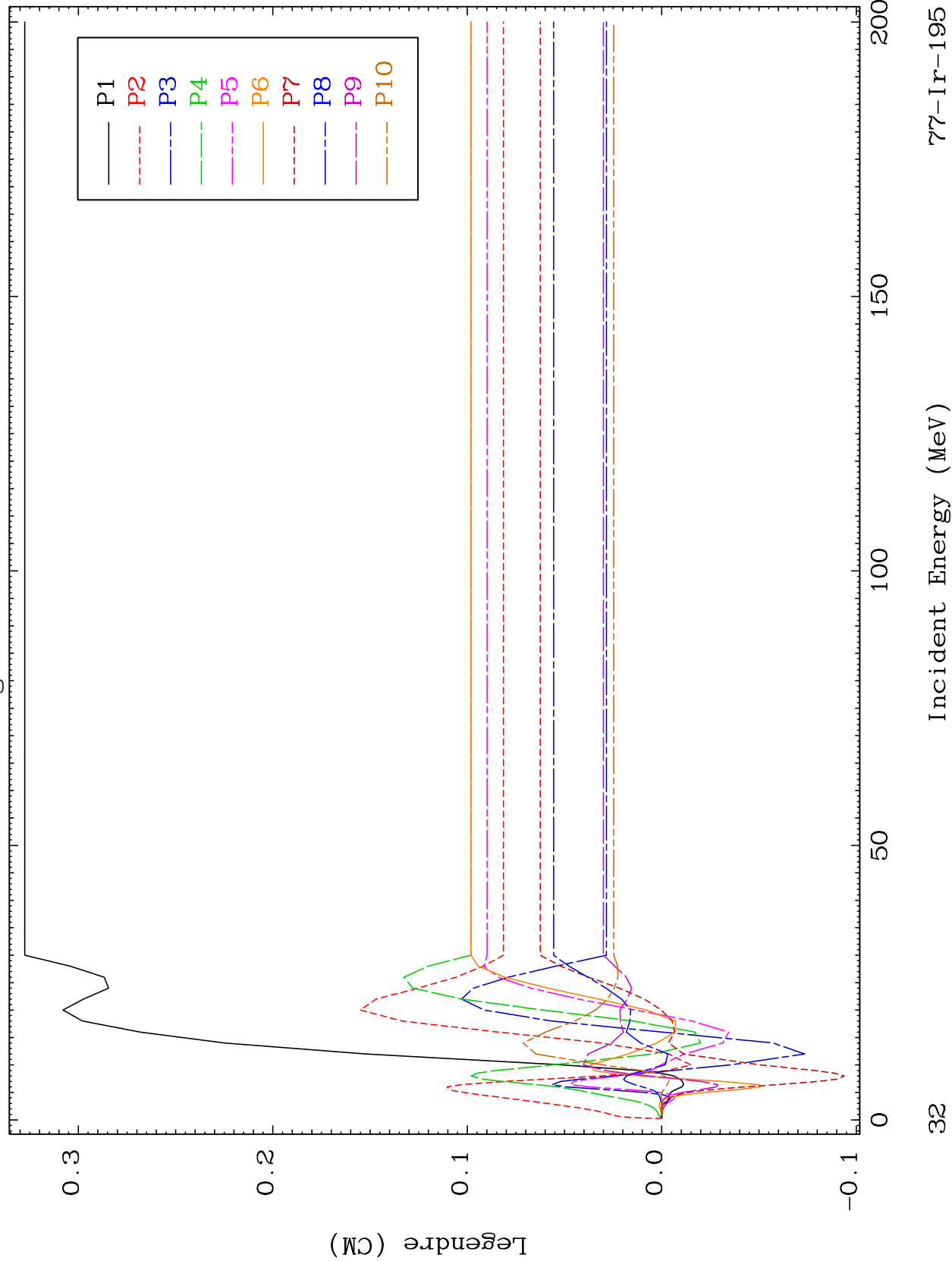




MAT 7737

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

77-Ir-195



77-Ir-195

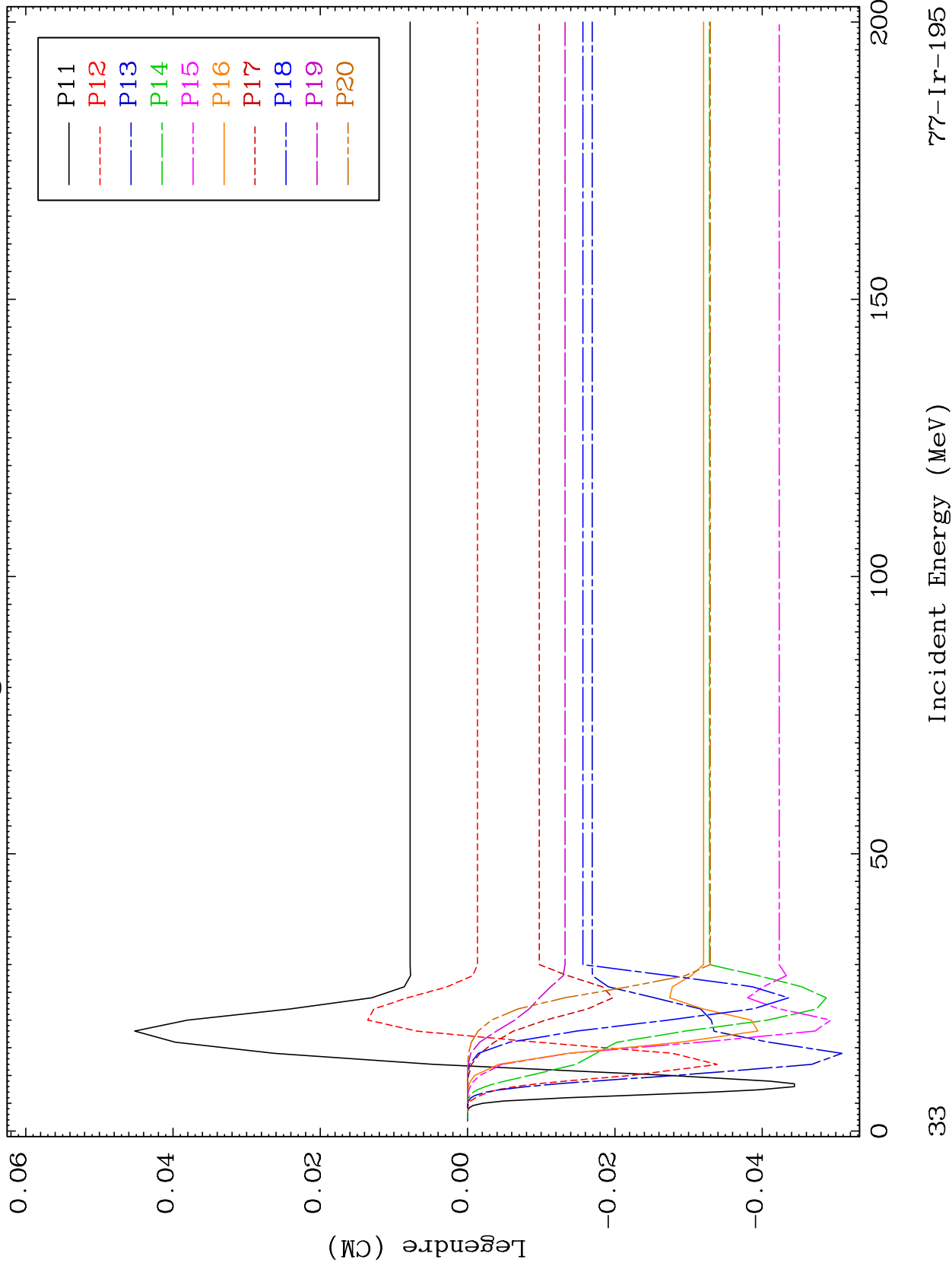
Incident Energy (MeV)

32

MAT 7737

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

77-Ir-195



33

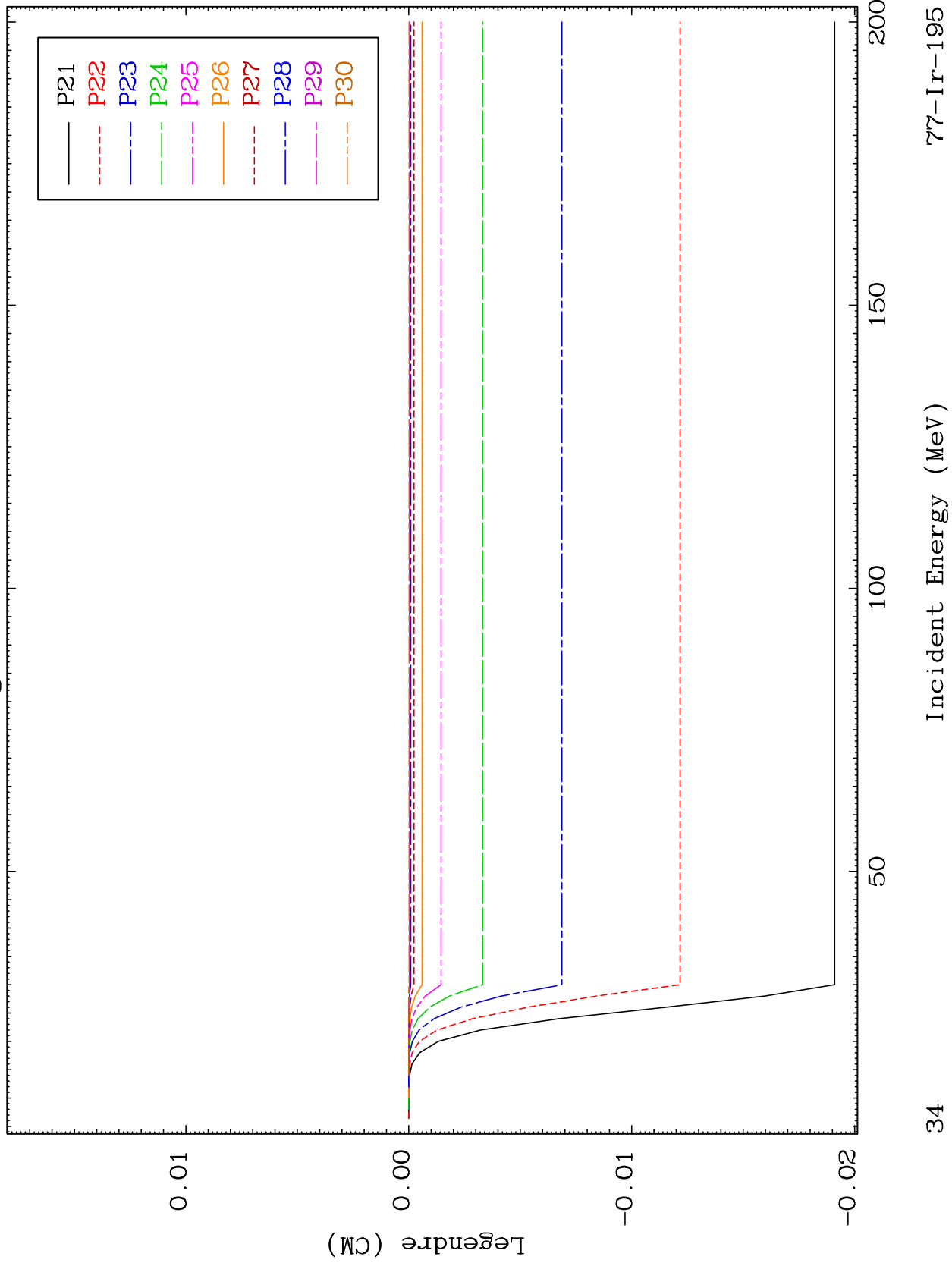
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

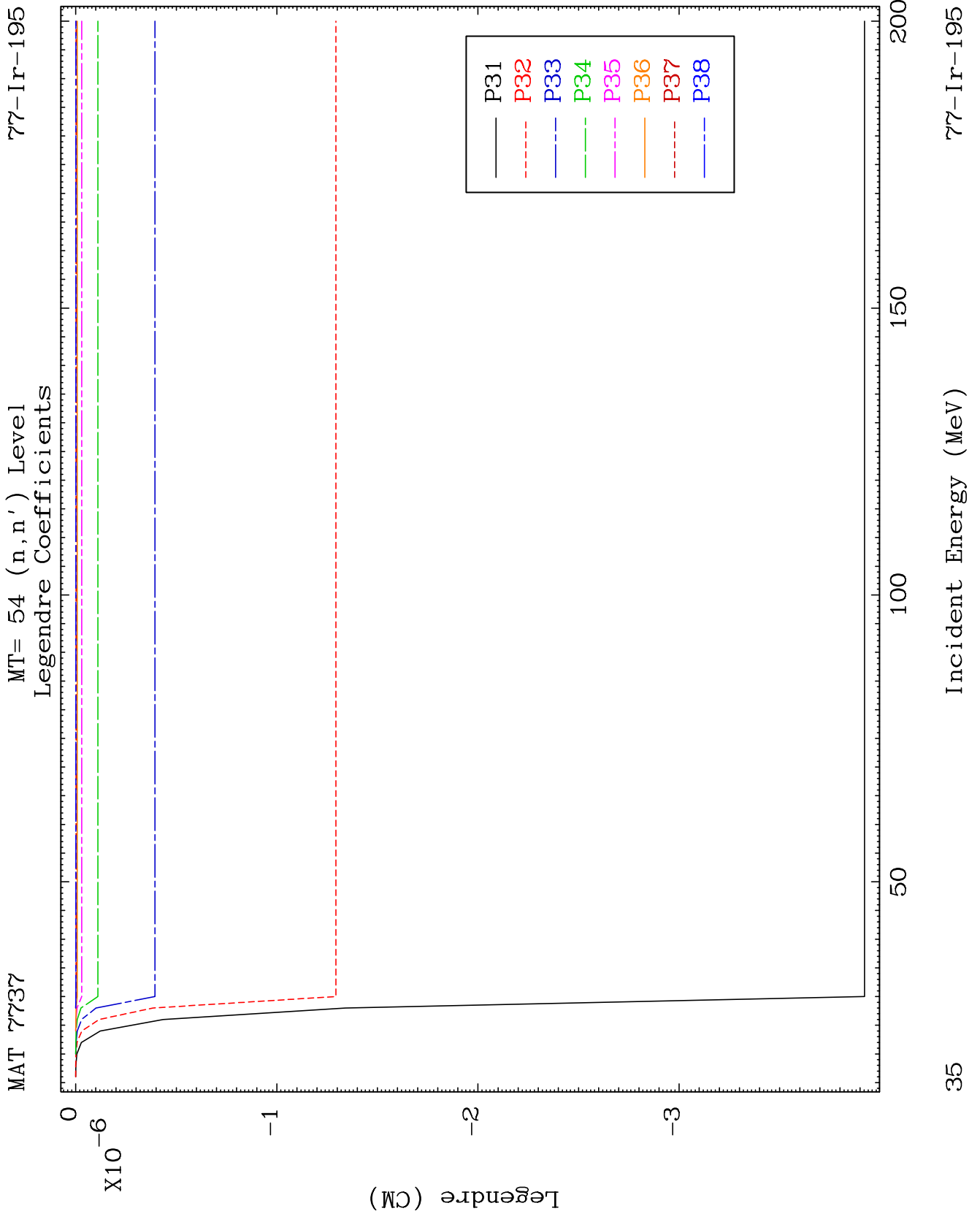
77-Ir-195



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Incident Energy (MeV)

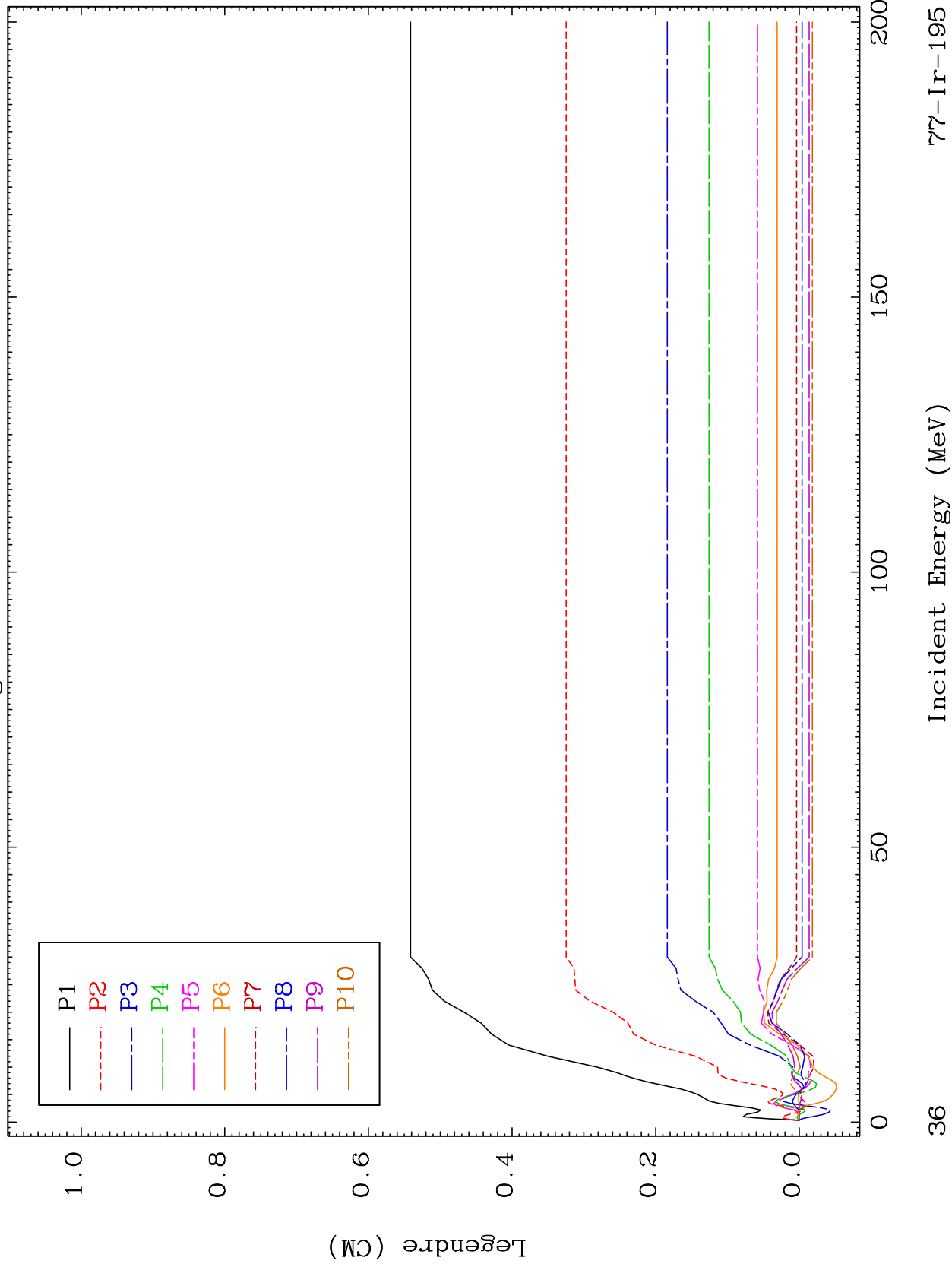
77-Ir-195



MAT 7737

77-Ir-195

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

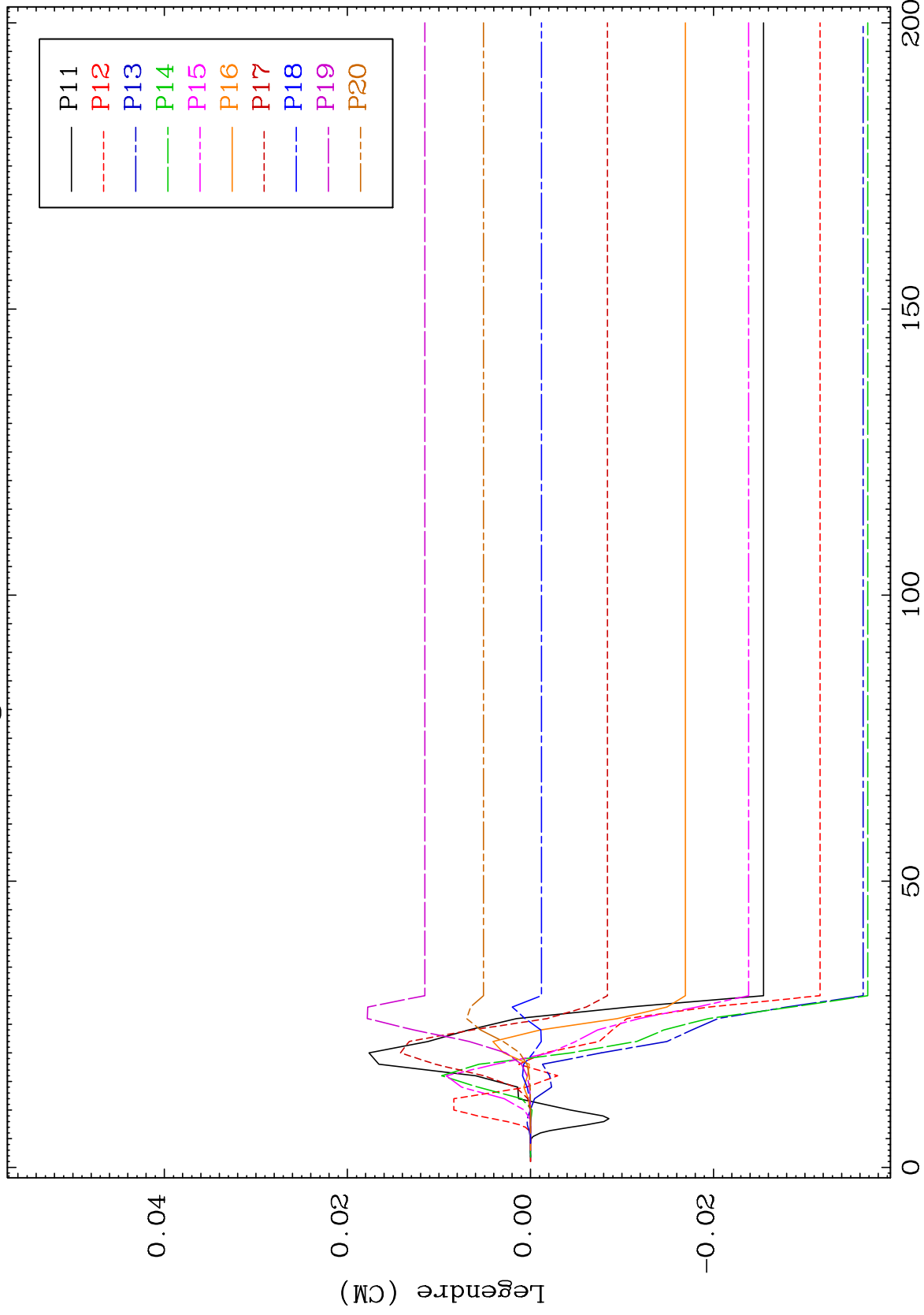


36

MAT 7737

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

77-Ir-195



37

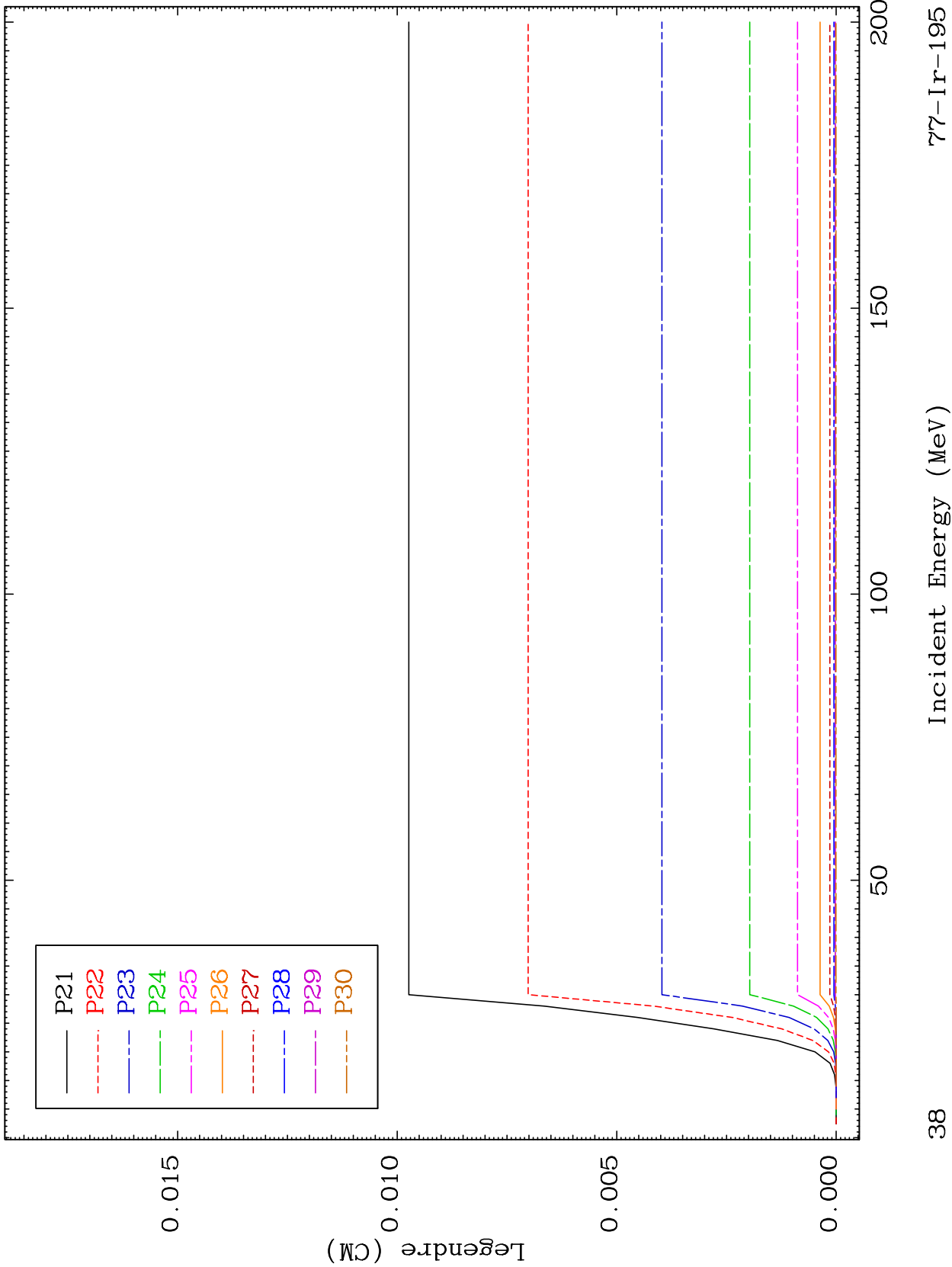
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



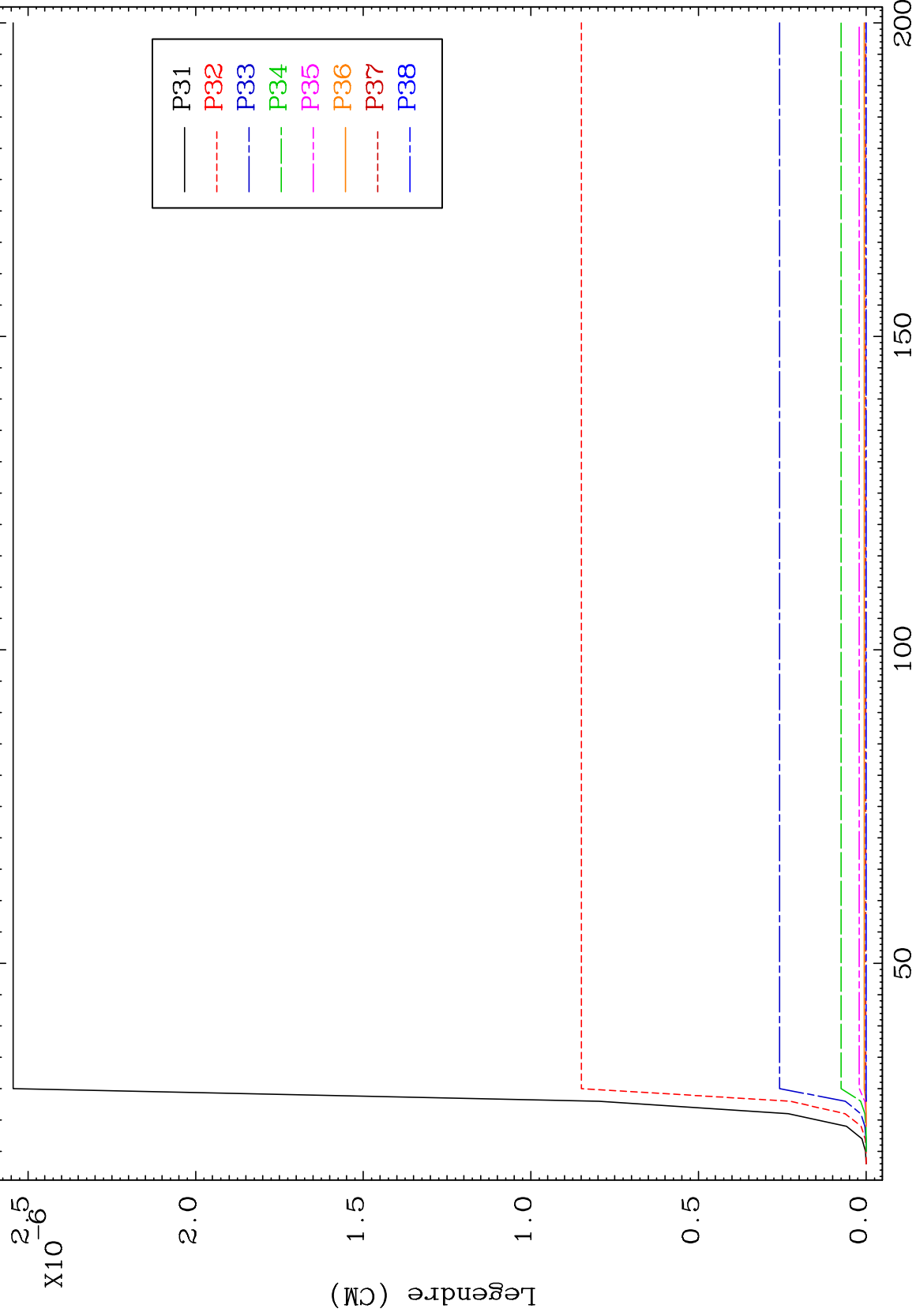
38

77-Ir-195

MAT 7737

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

77-Ir-195



39

Incident Energy (MeV)

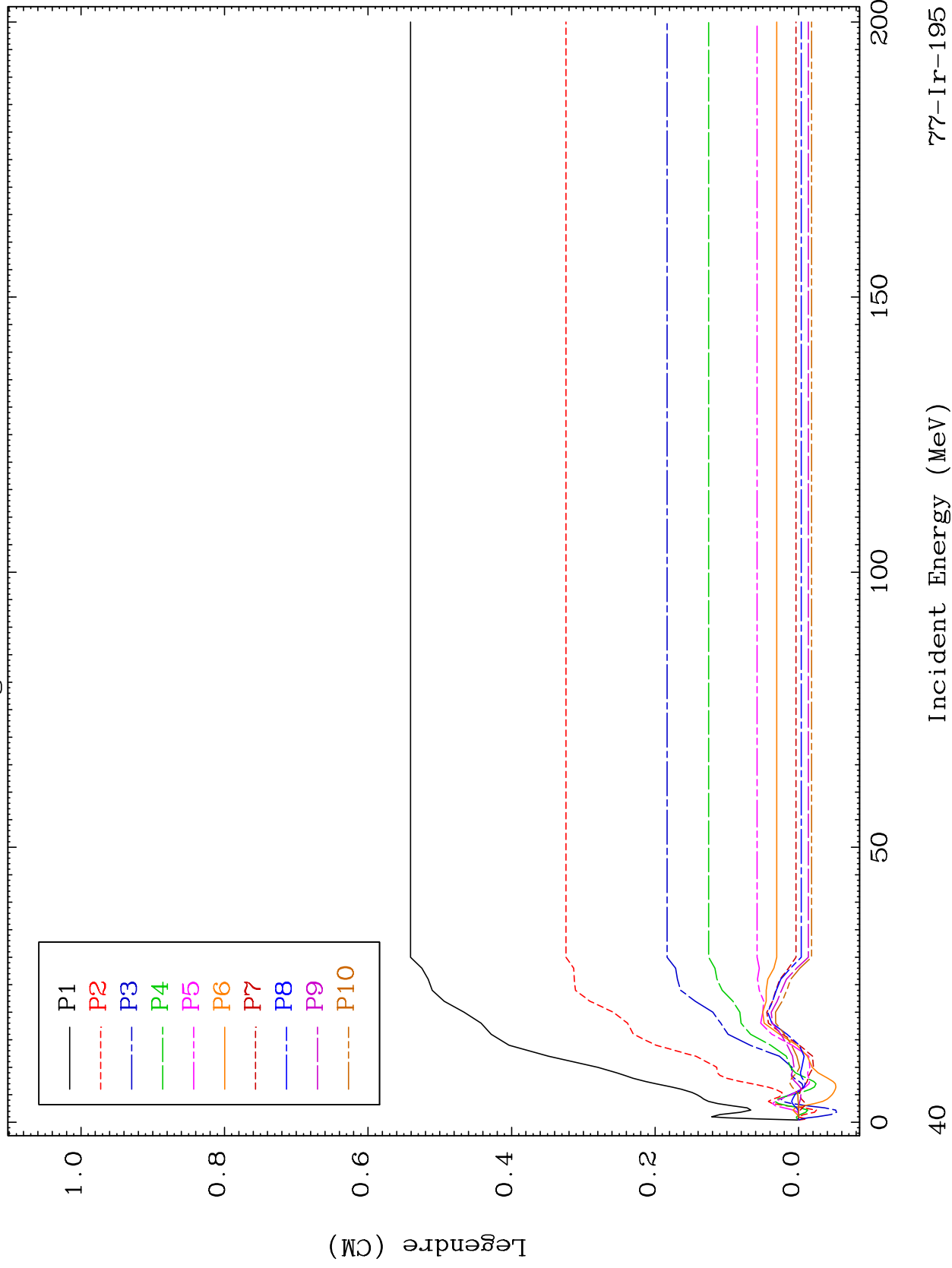
77-Ir-195



MAT 7737

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

77-Ir-195



77-Ir-195

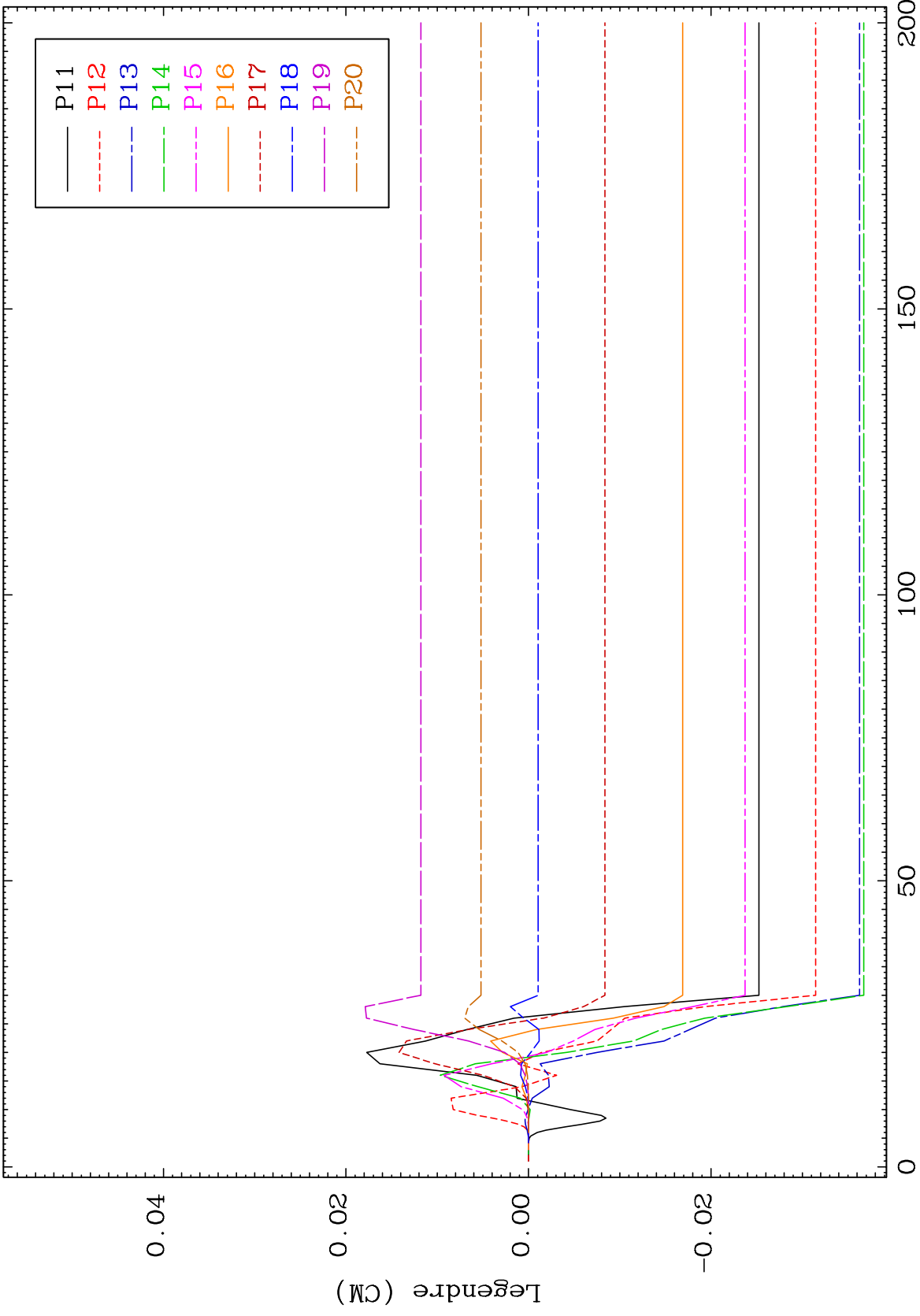
Incident Energy (MeV)

40

MAT 7737

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

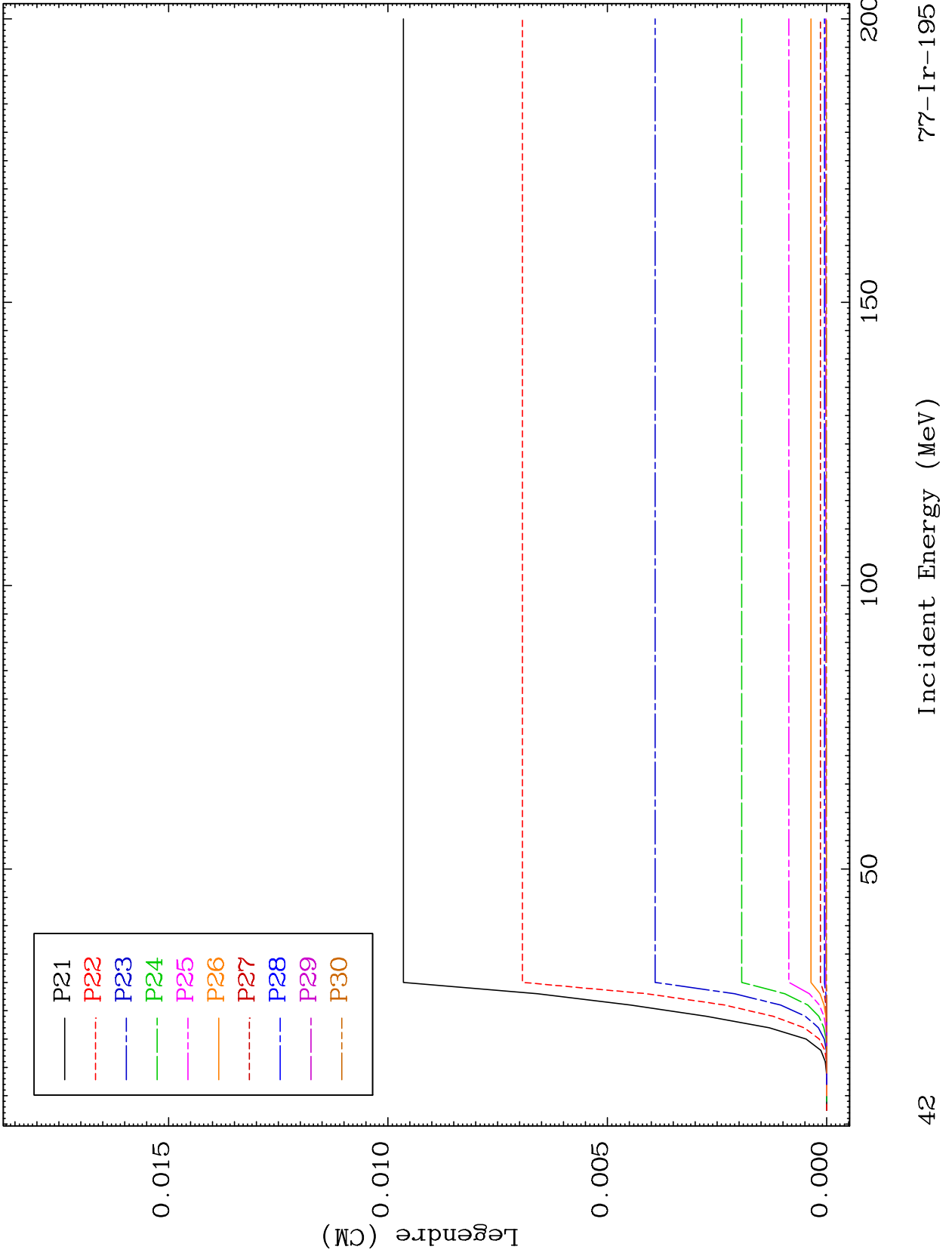
77-Ir-195



MAT 7737

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

77-Ir-195



42

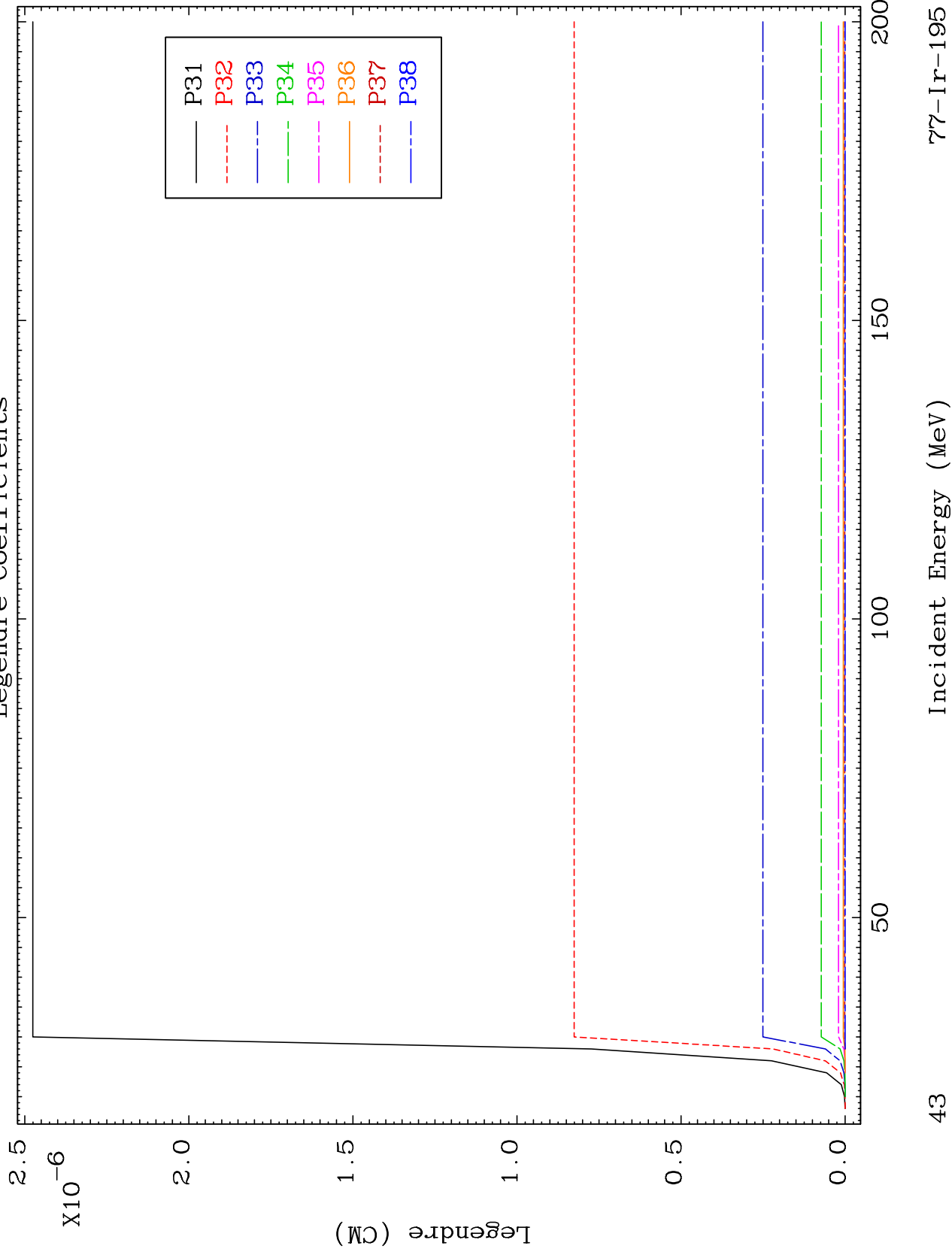
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195

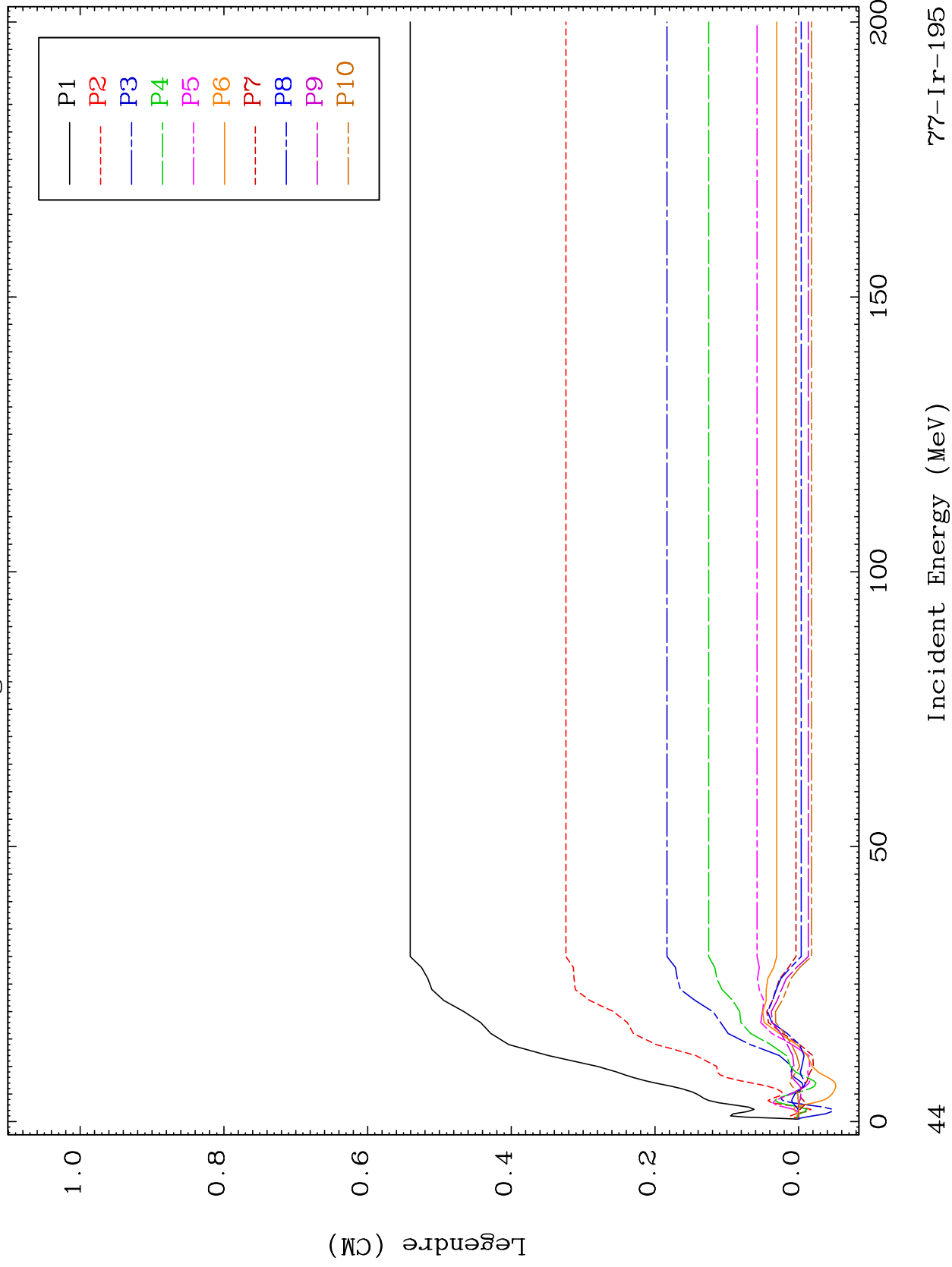


43

MAT 7737

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

77-Ir-195



77-Ir-195

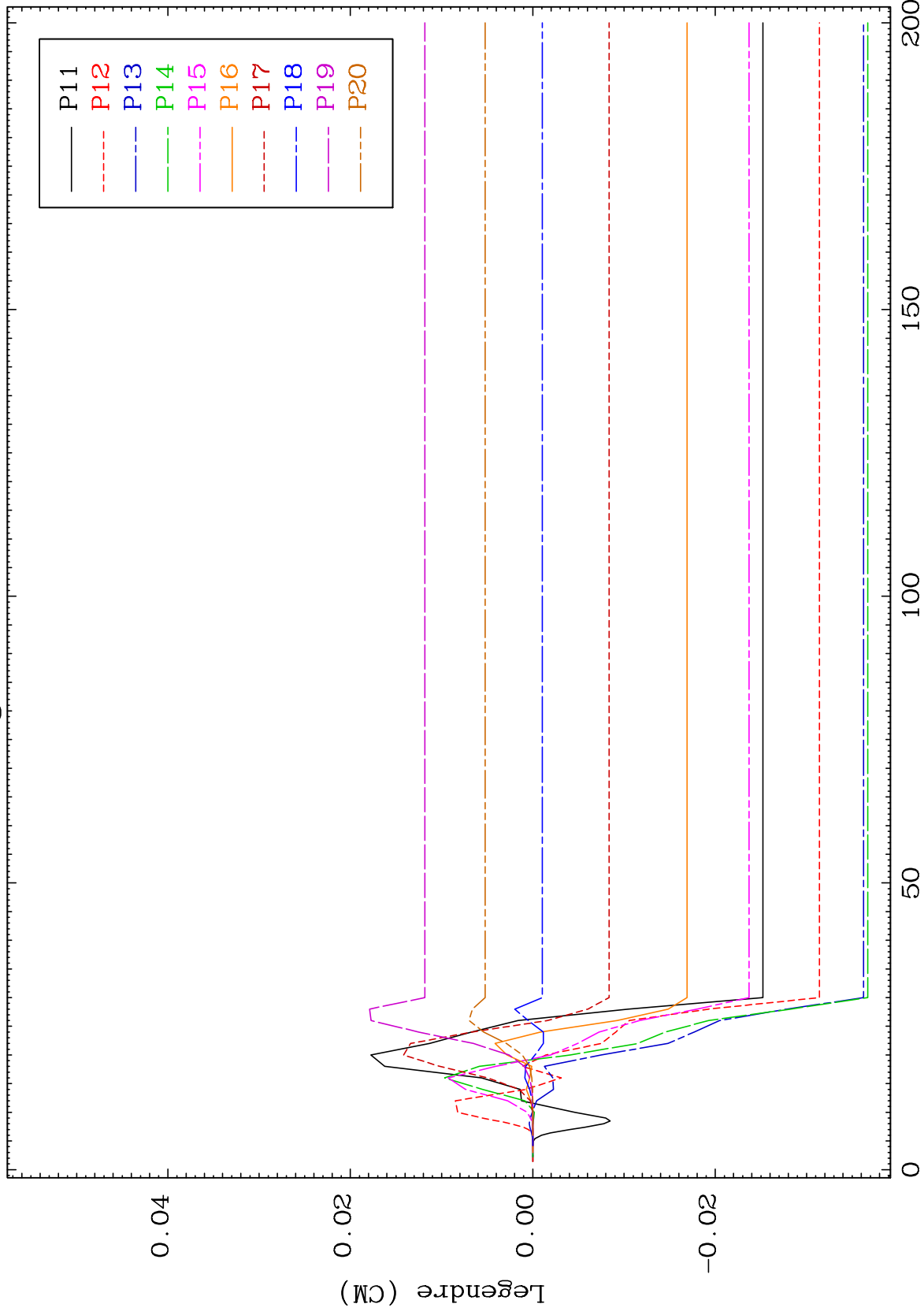
Incident Energy (MeV)

44

MAT 7737

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

77-Ir-195



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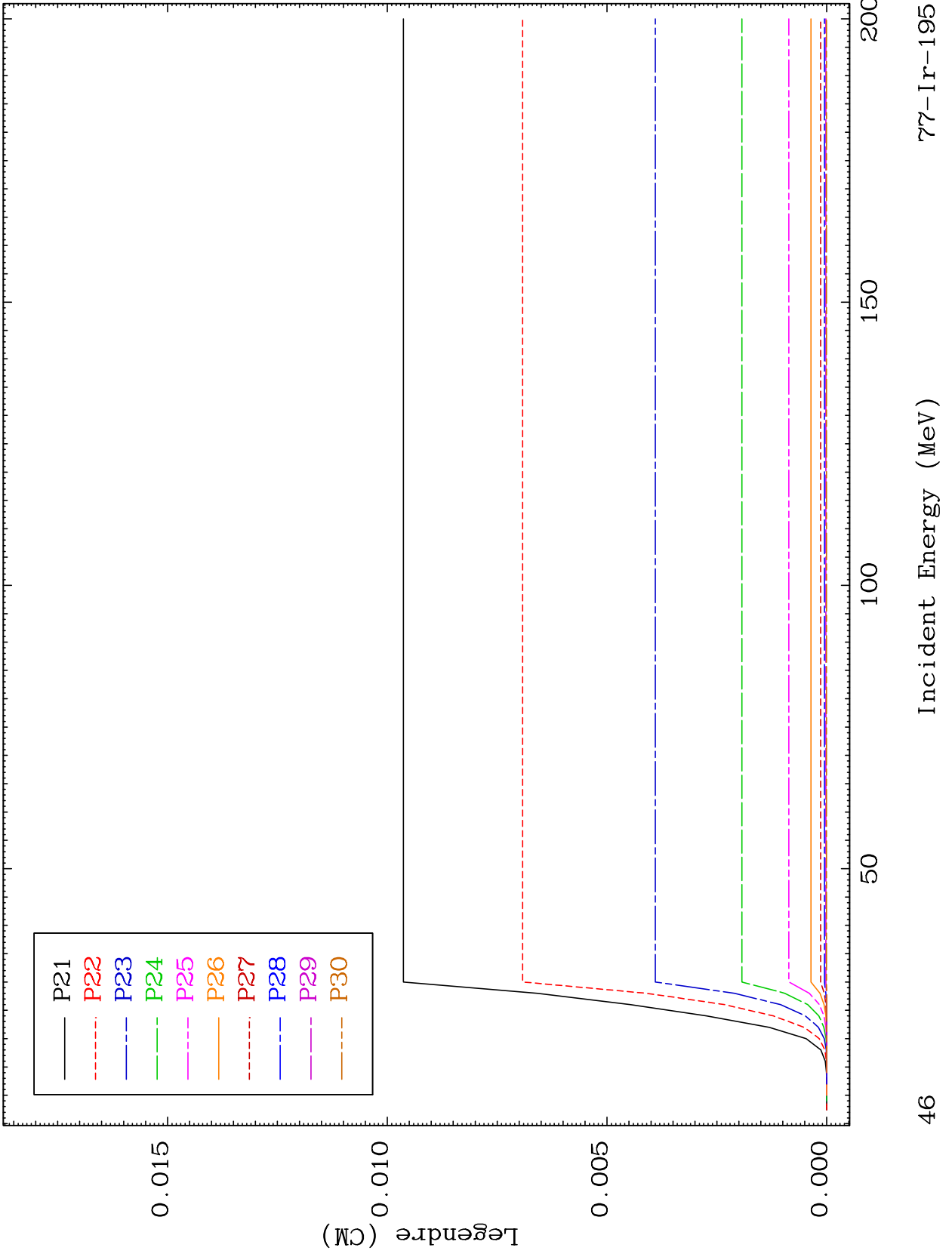
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



46

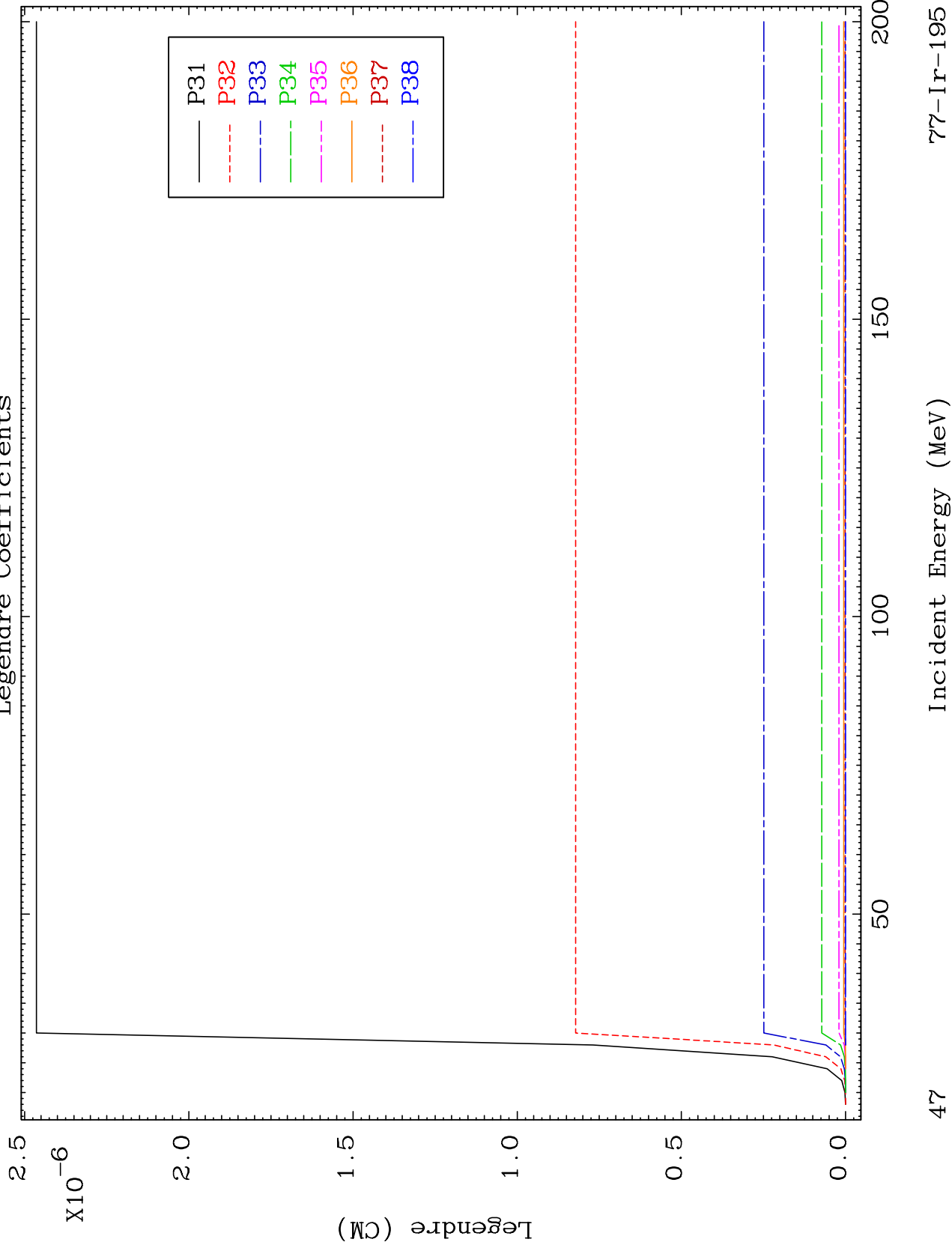
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195

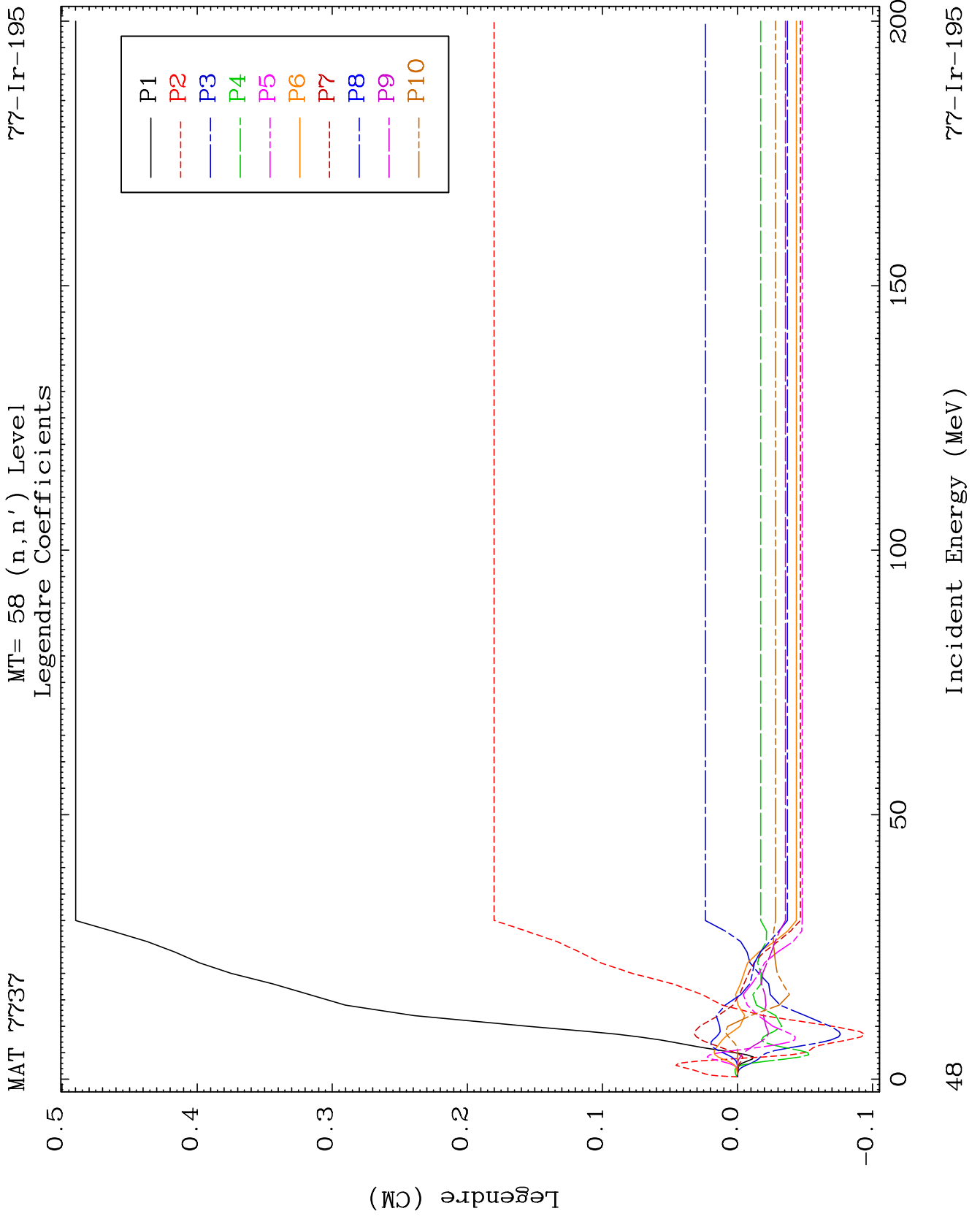


47

Incident Energy (MeV)

77-Ir-195

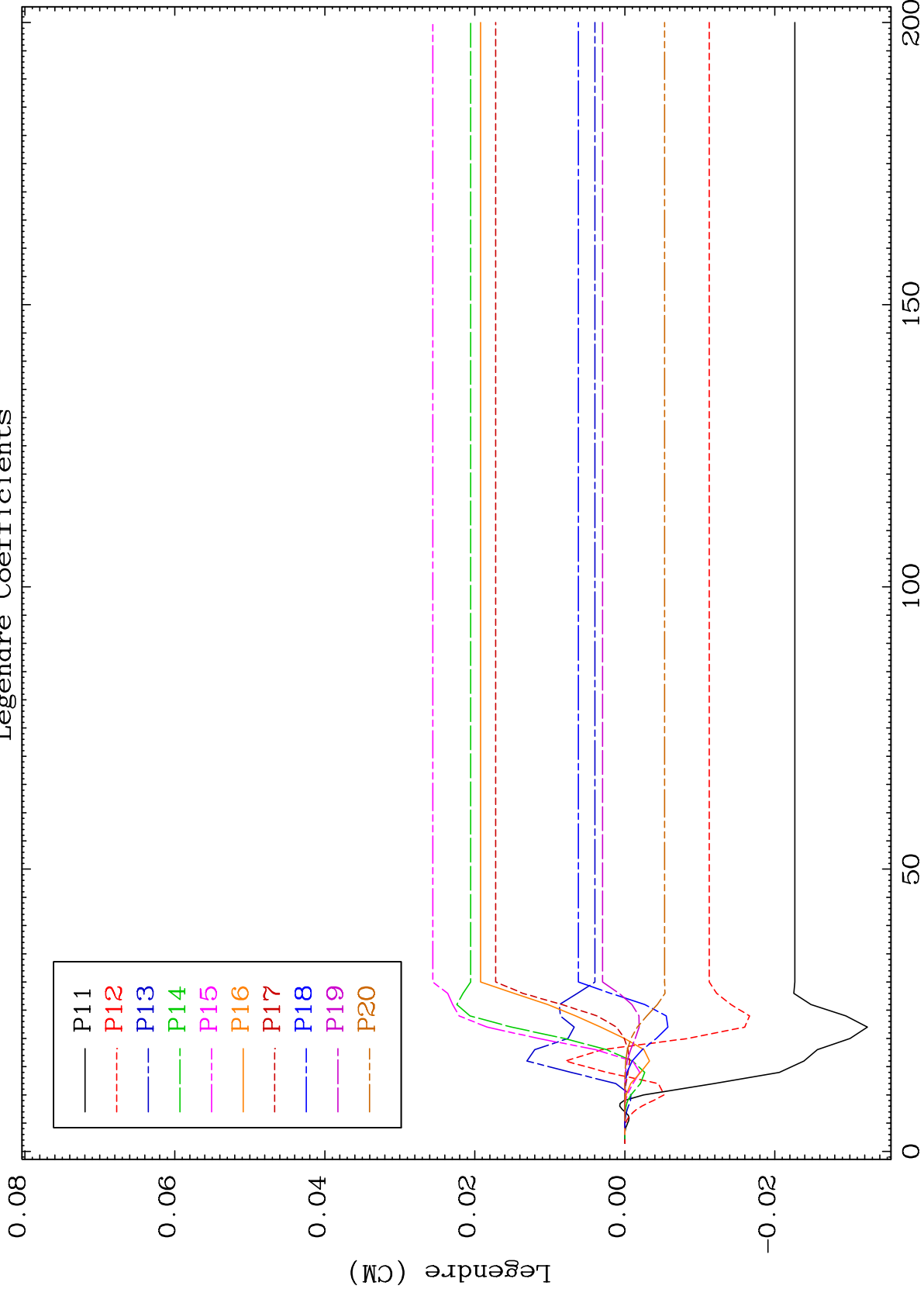




MAT 7737

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

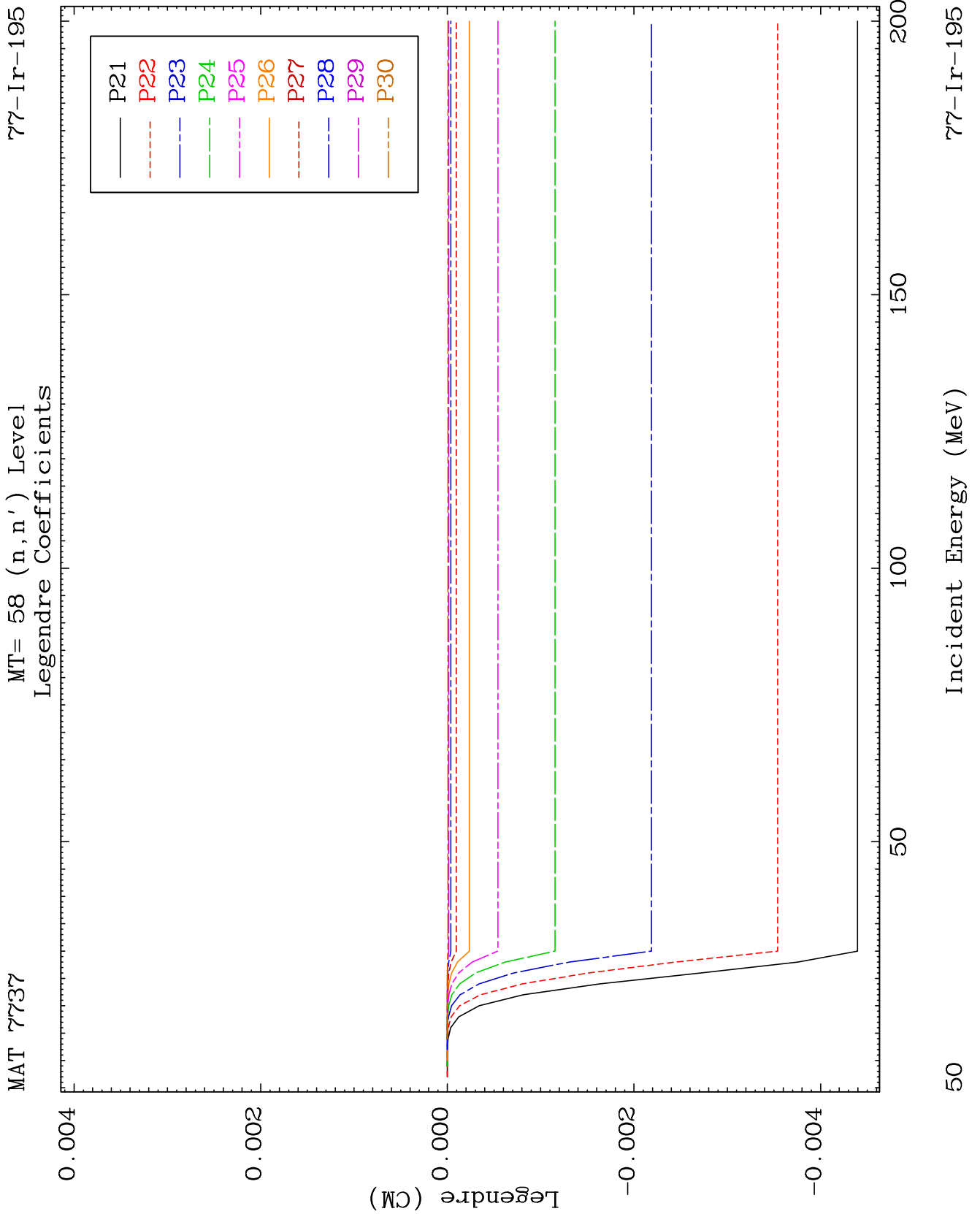
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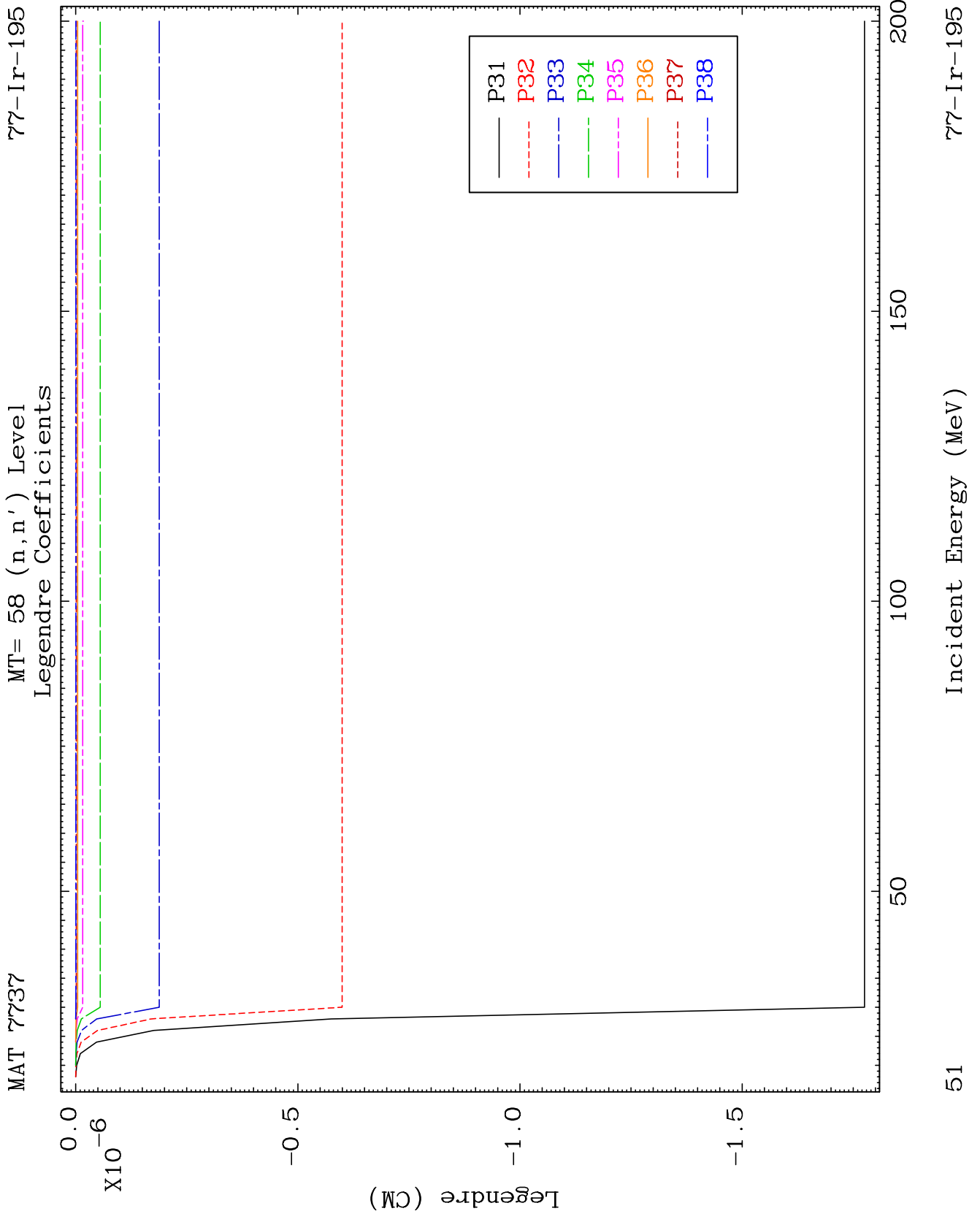


49

Incident Energy (MeV)

77-Ir-195

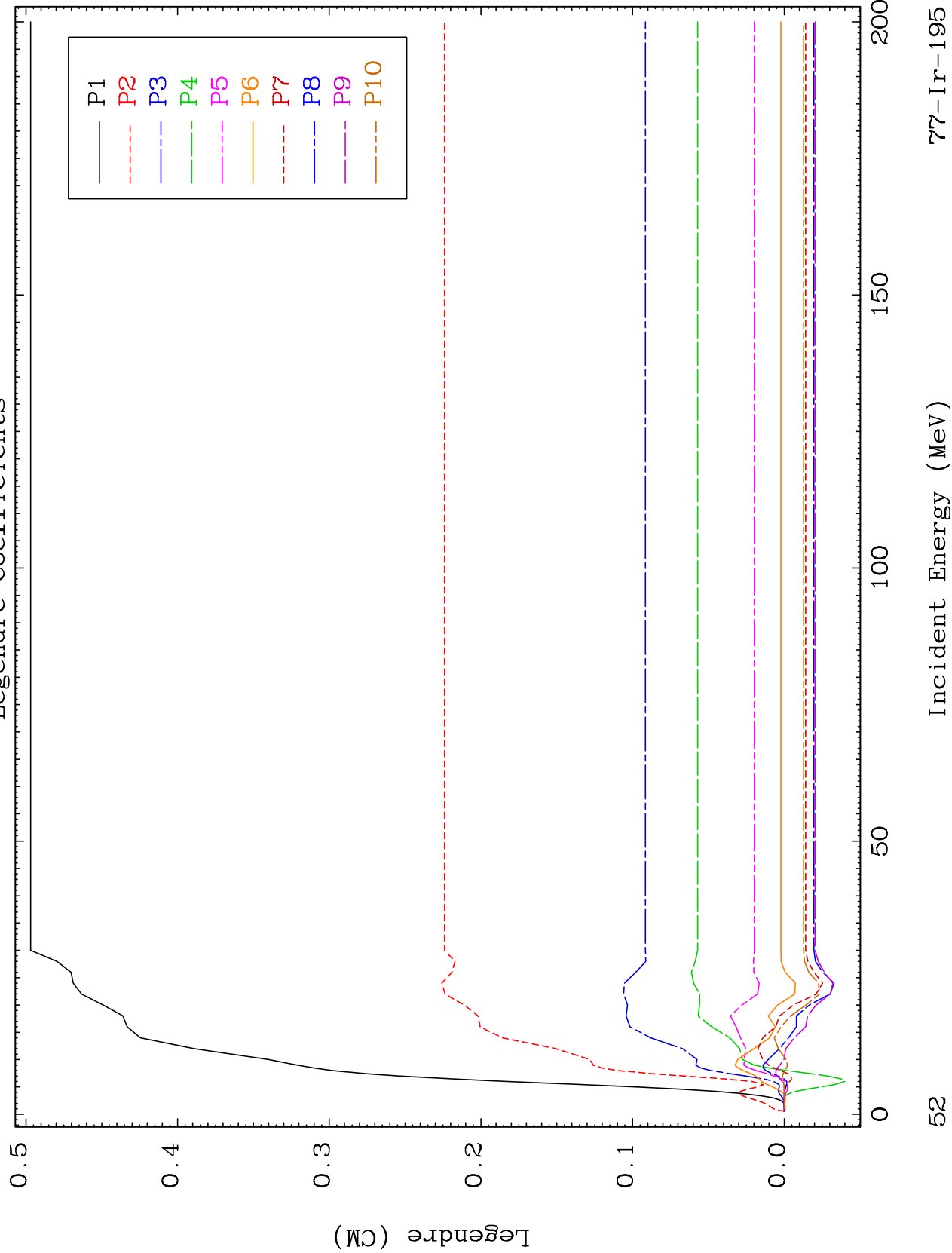




MAT 7737

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

77-Ir-195



77-Ir-195

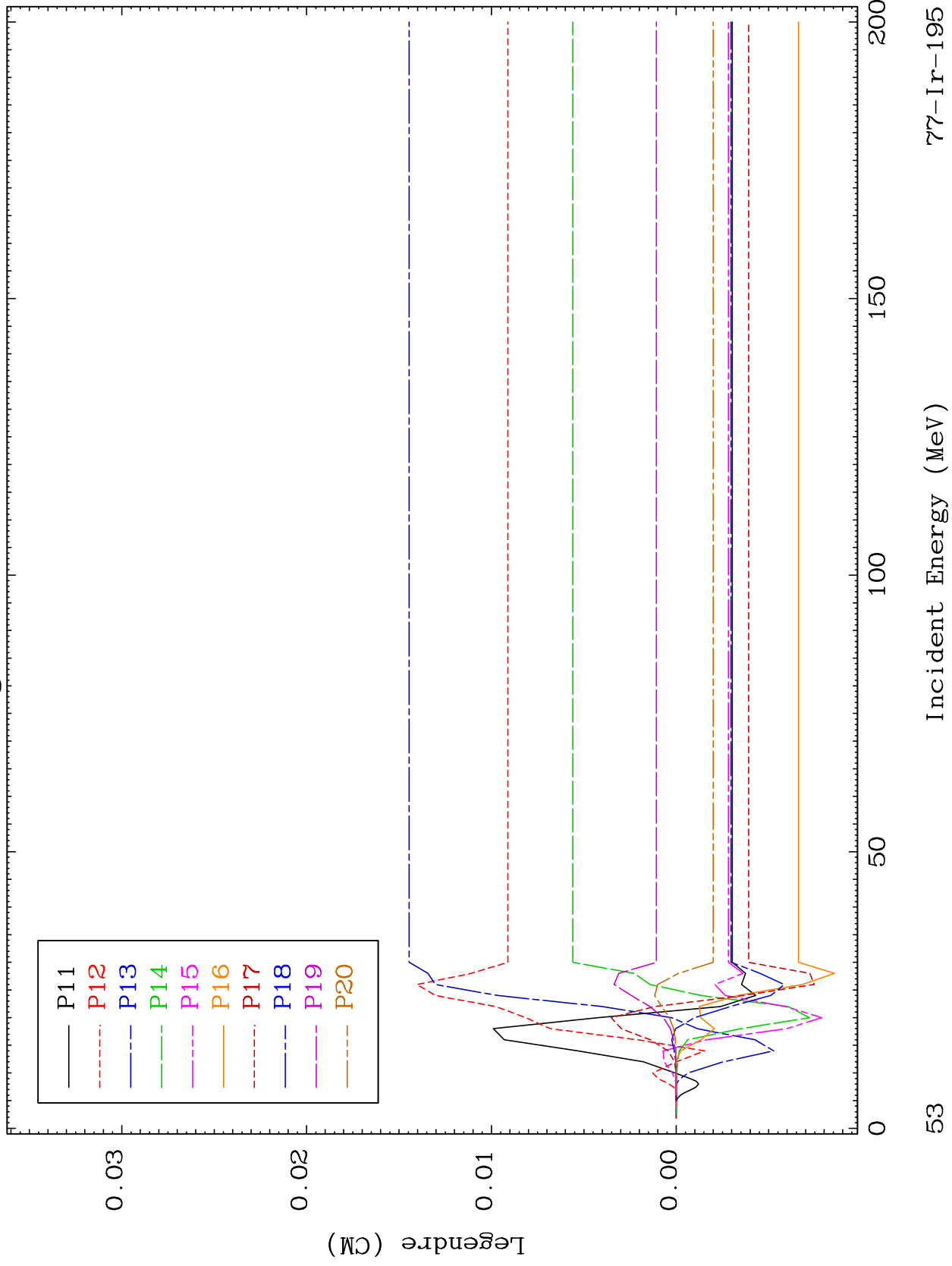
Incident Energy (MeV)

52

MAT 7737

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

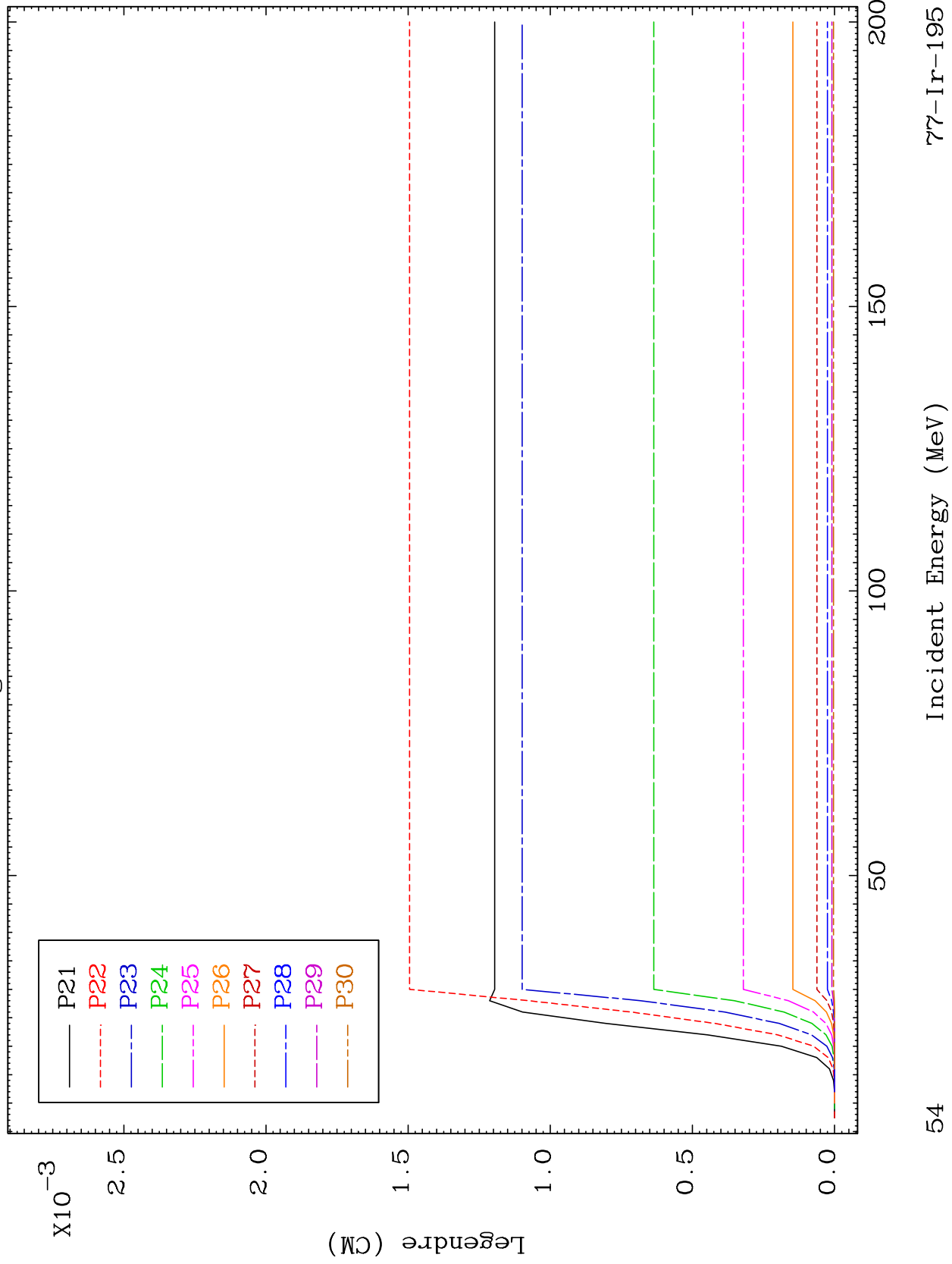
77-Ir-195



77-Ir-195

Incident Energy (MeV)

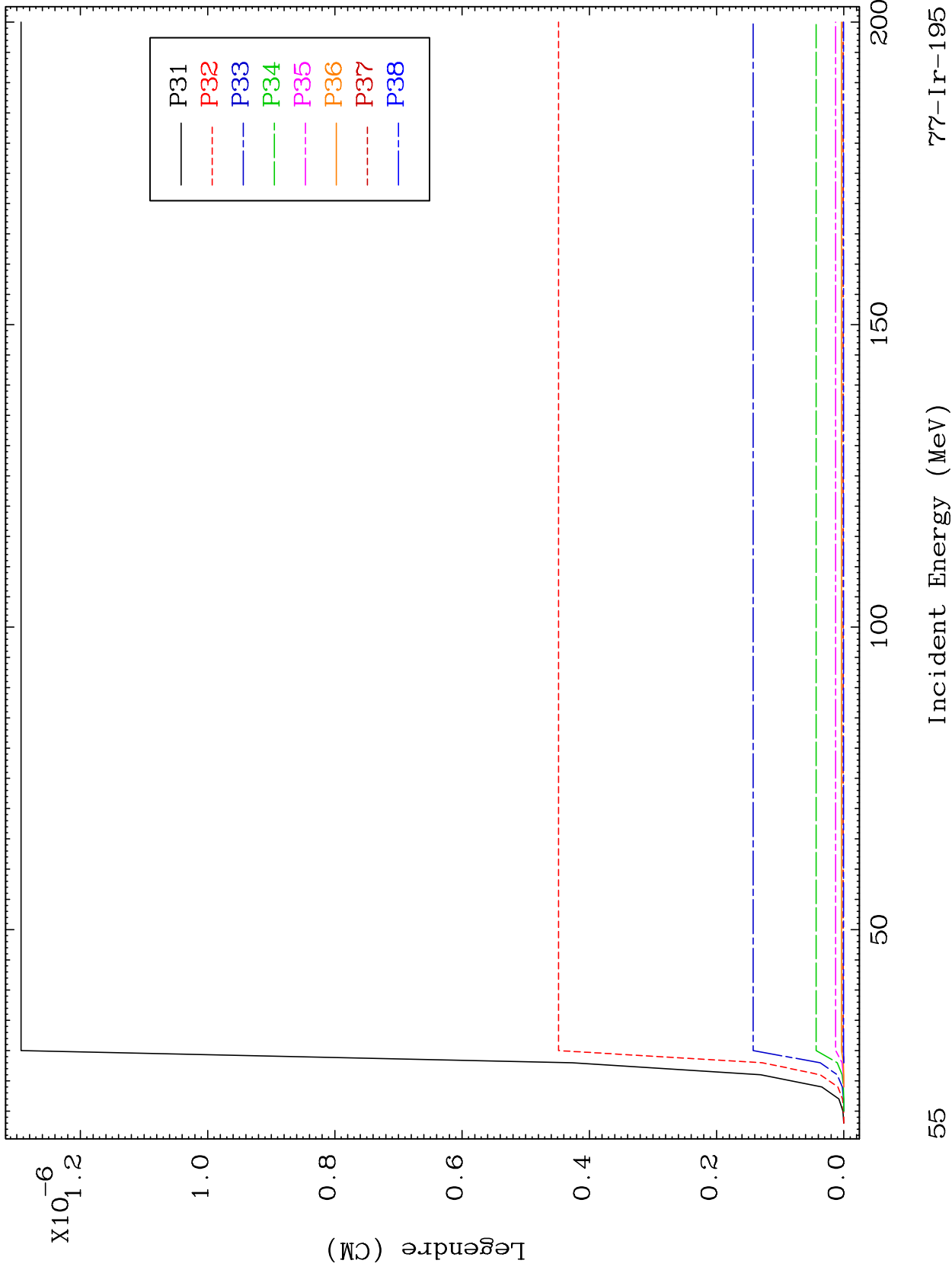
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MAT 7737

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

77-Ir-195

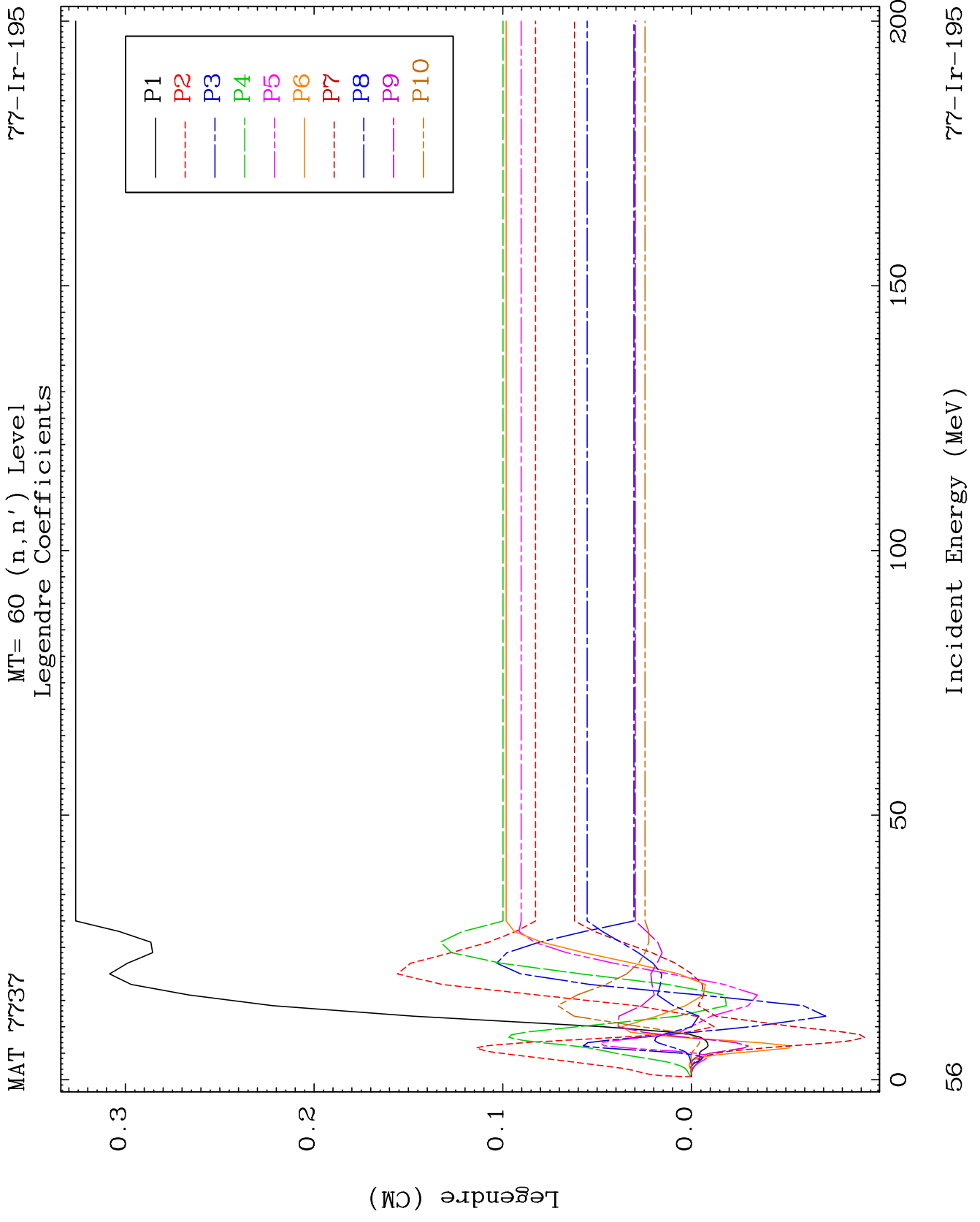


55

Incident Energy (MeV)

77-Ir-195

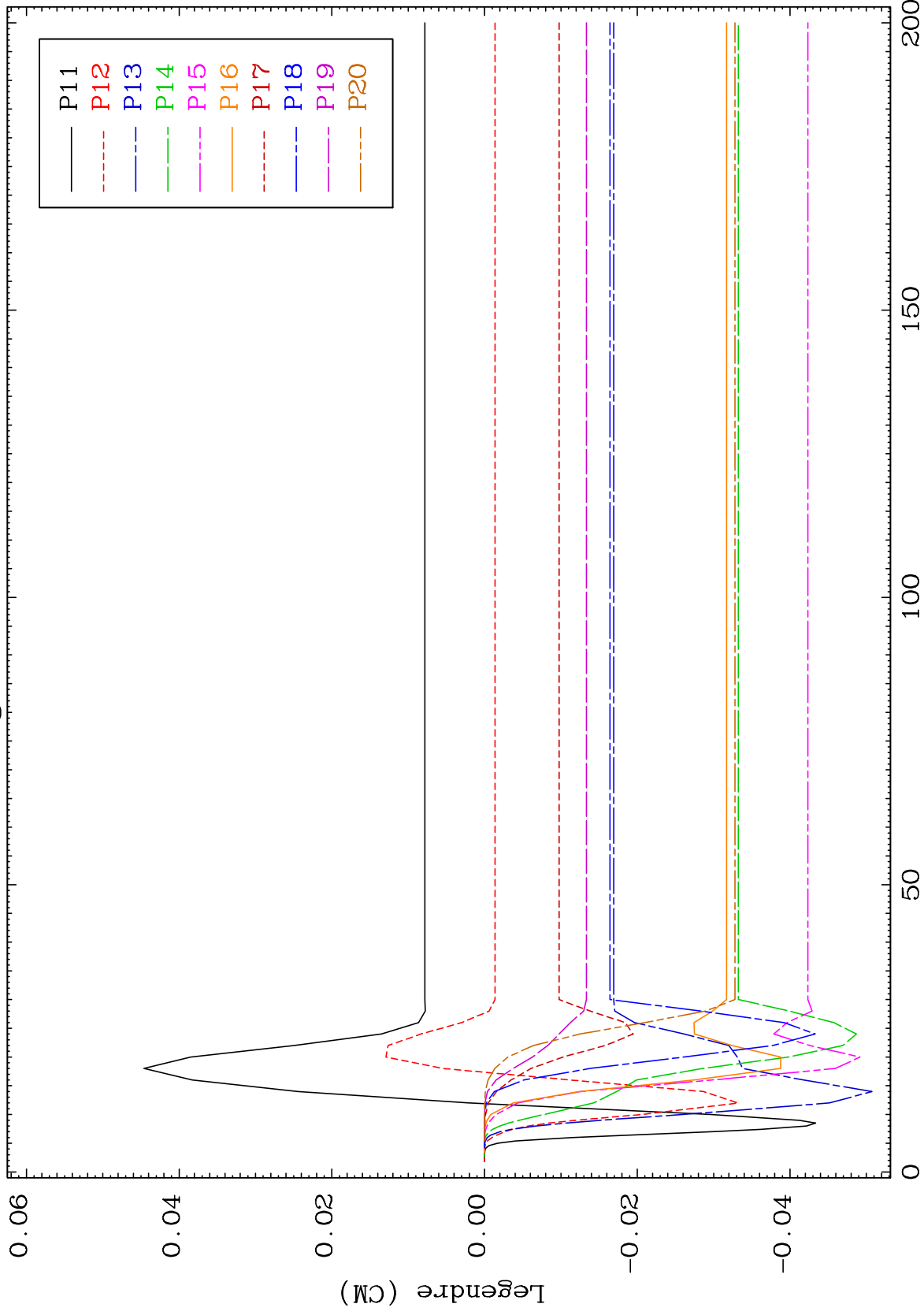




MAT 7737

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

77-Ir-195



57

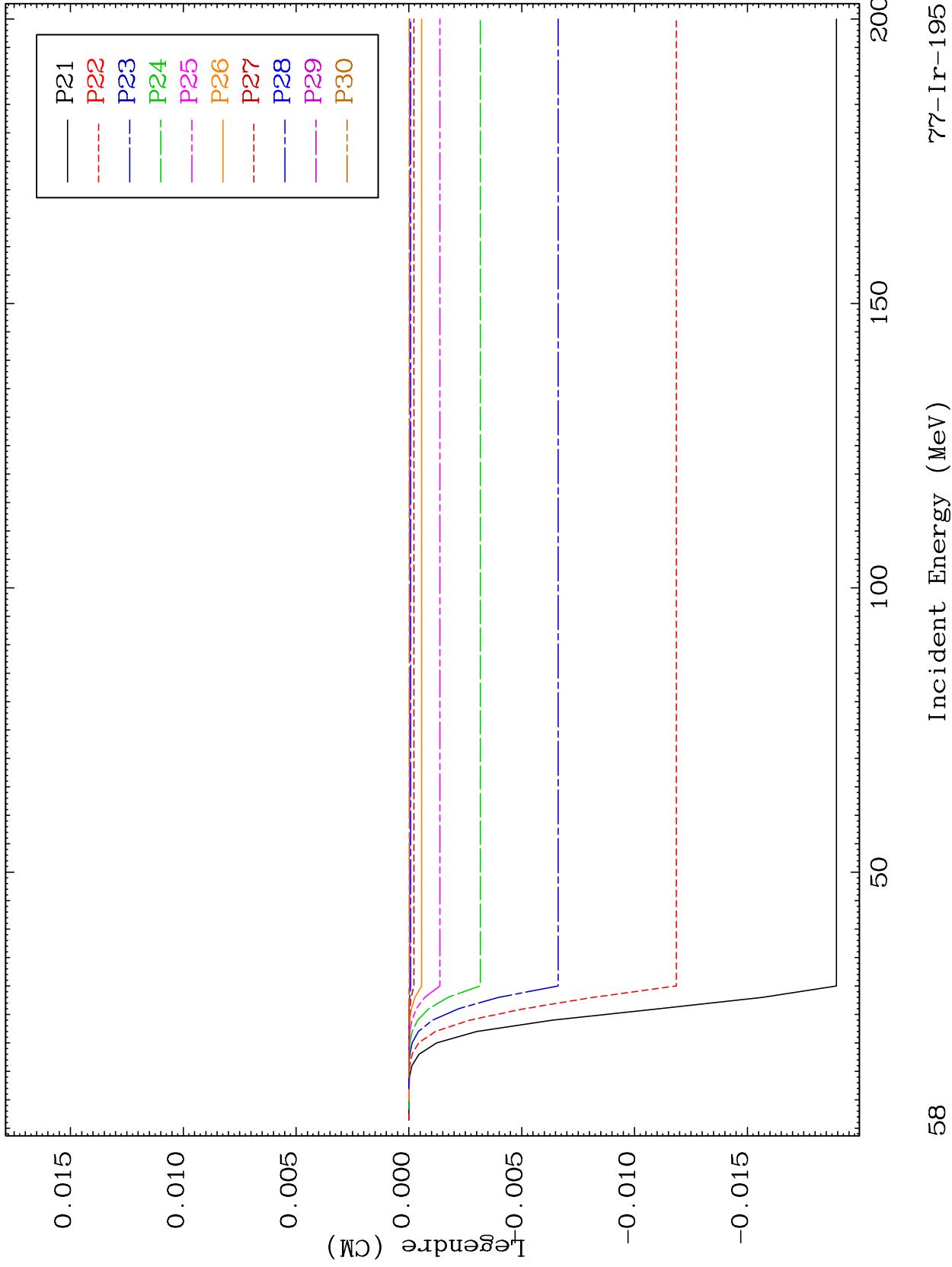
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

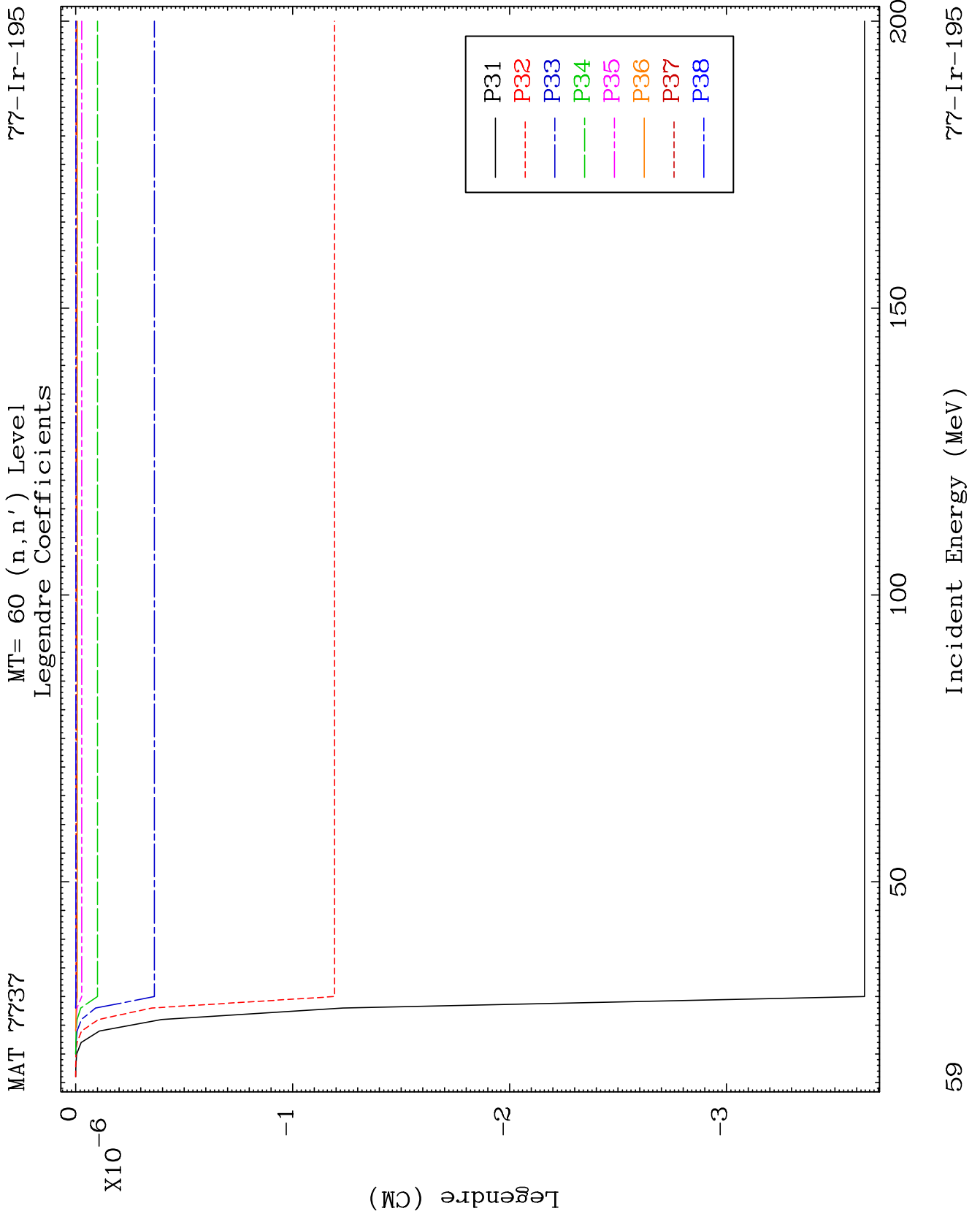
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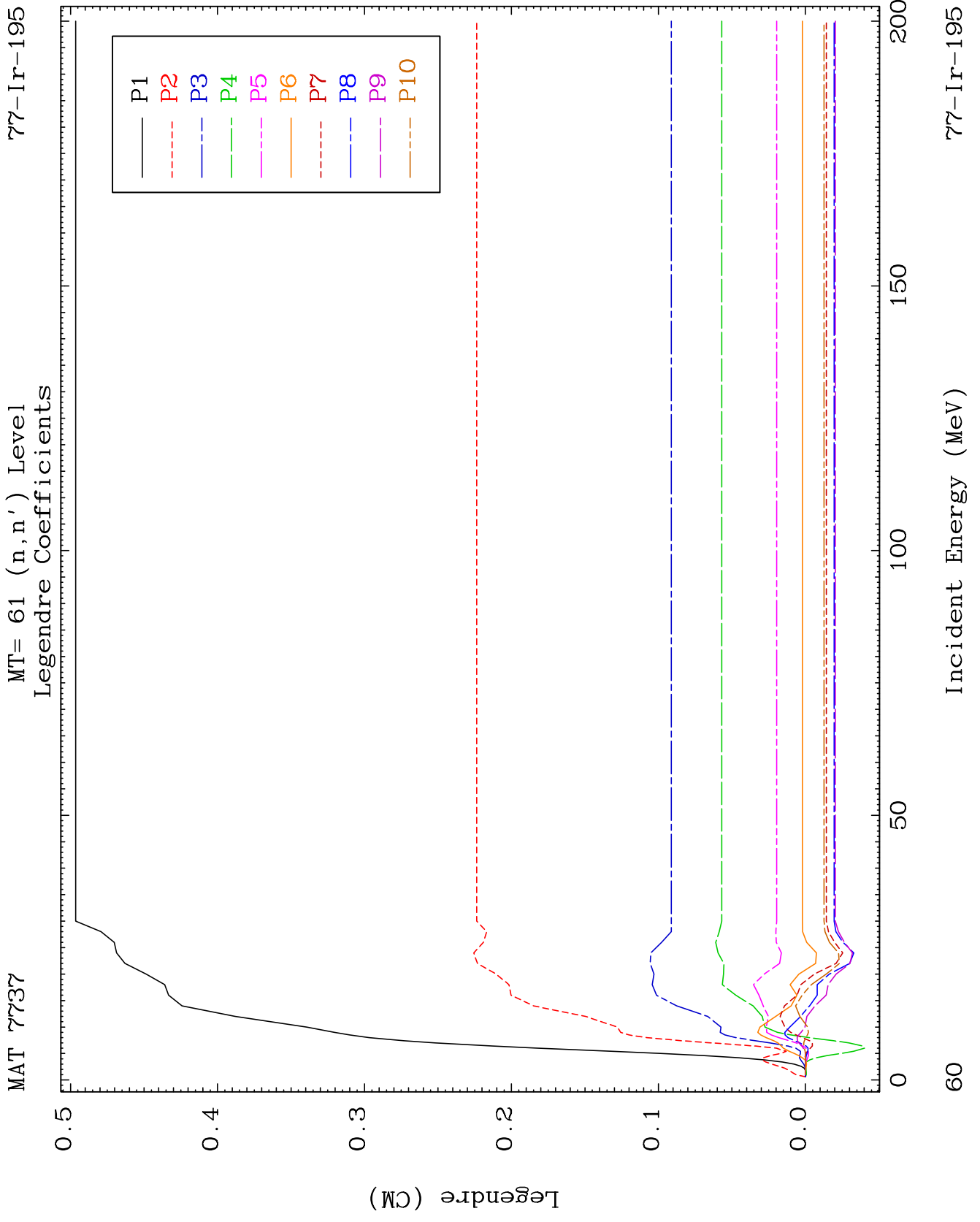


58

Incident Energy (MeV)

77-Ir-195

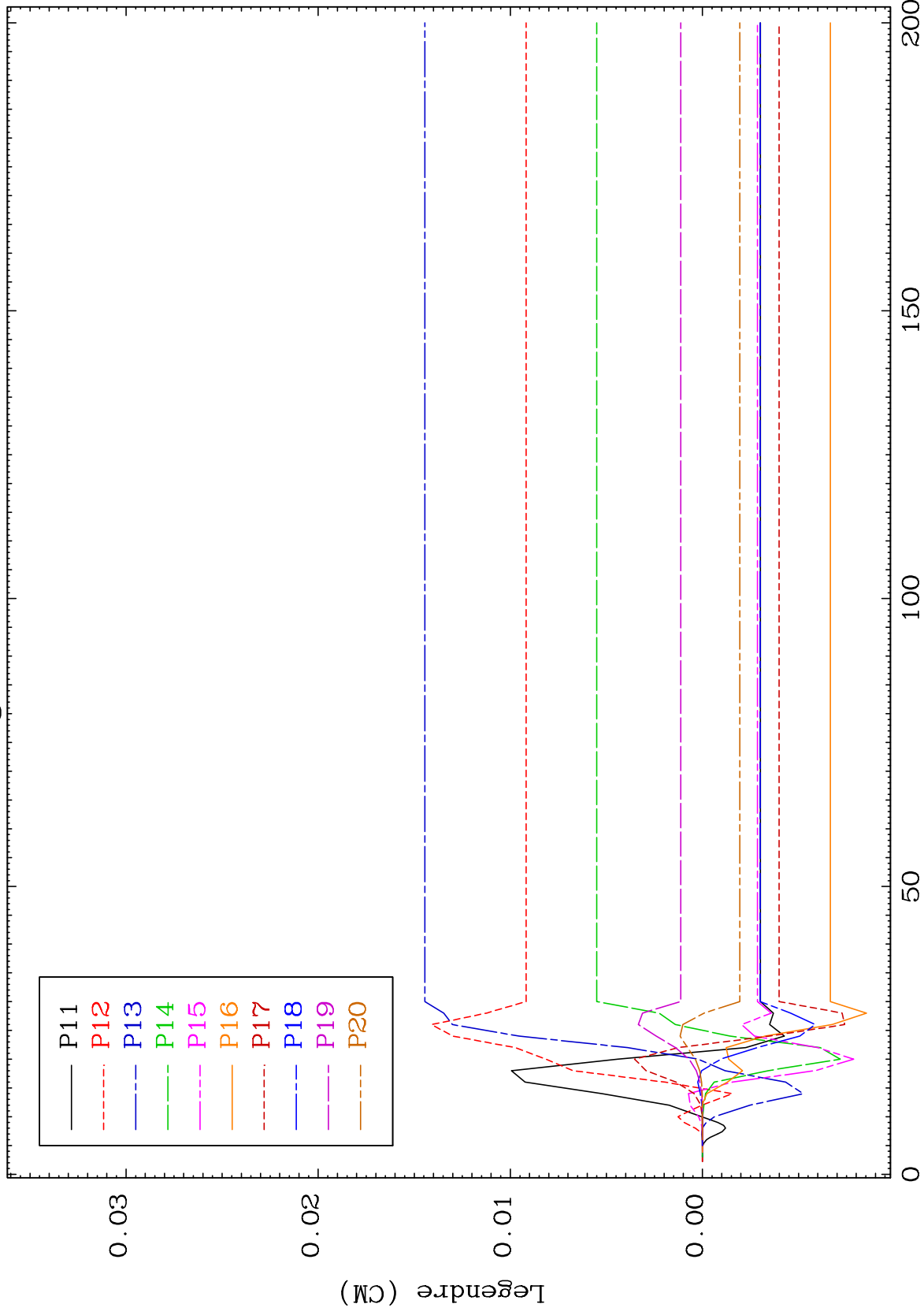




MAT 7737

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

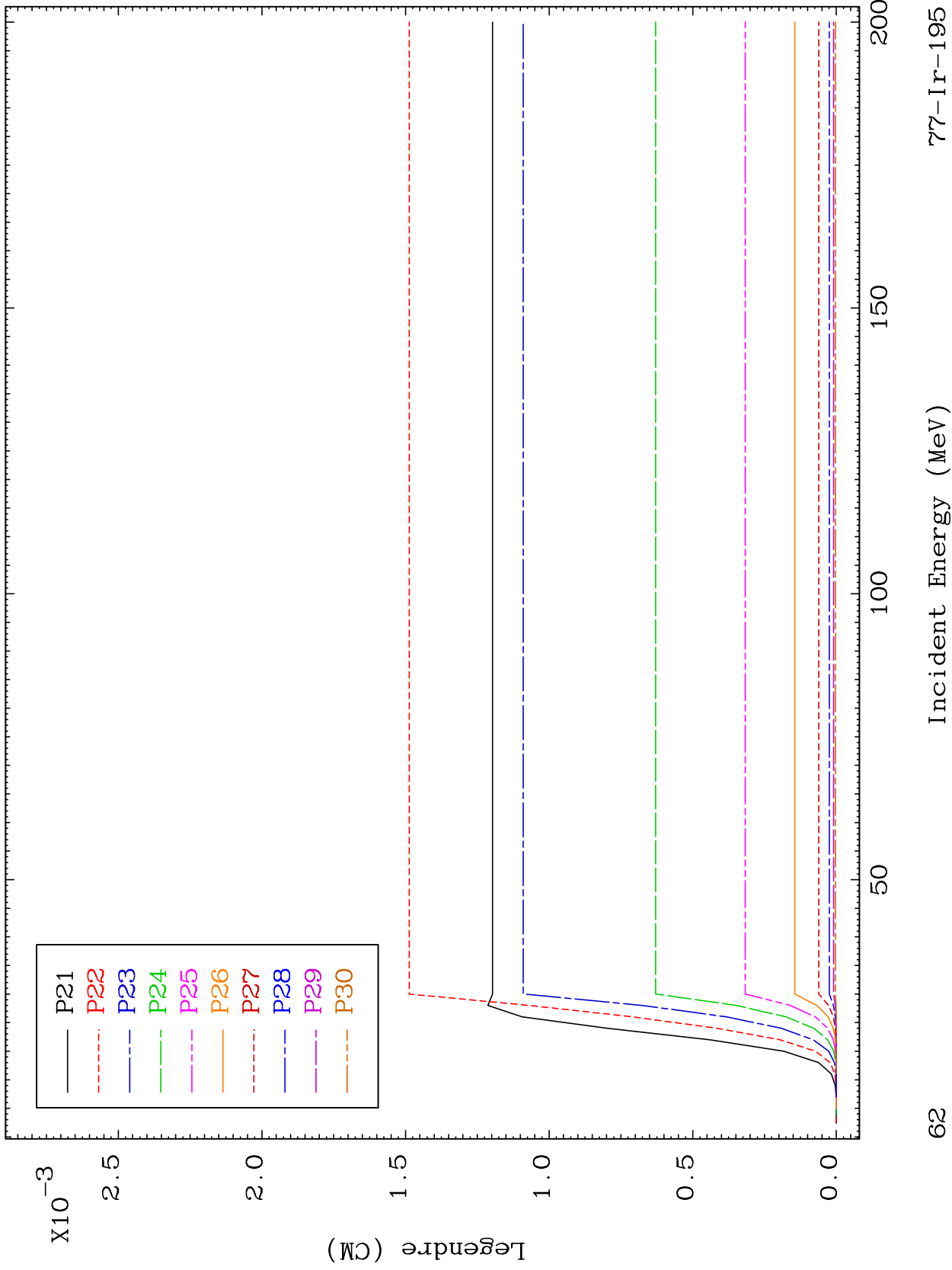
77-Ir-195



61

Incident Energy (MeV)

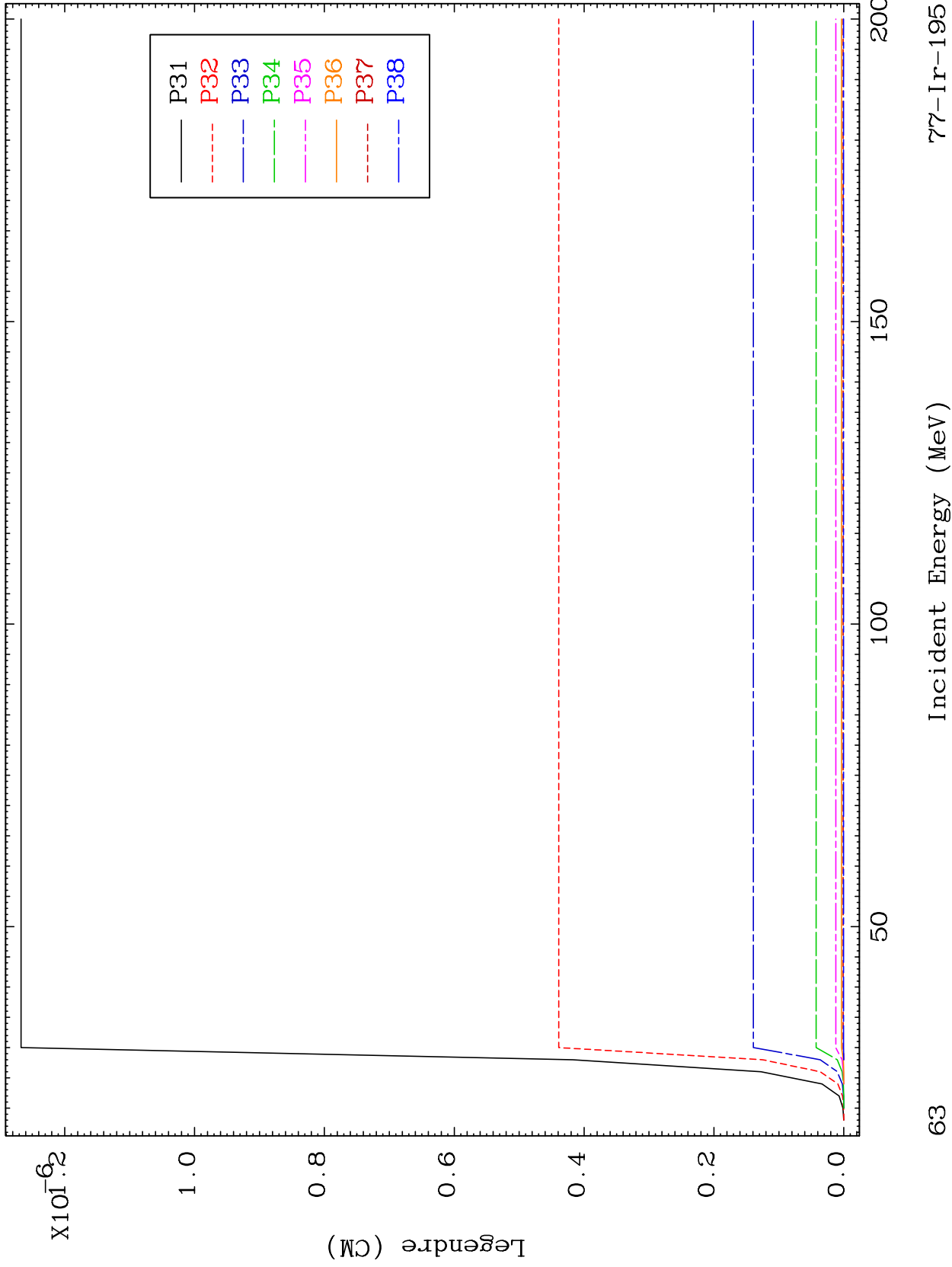
77-Ir-195



MAT 7737

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

77-Ir-195

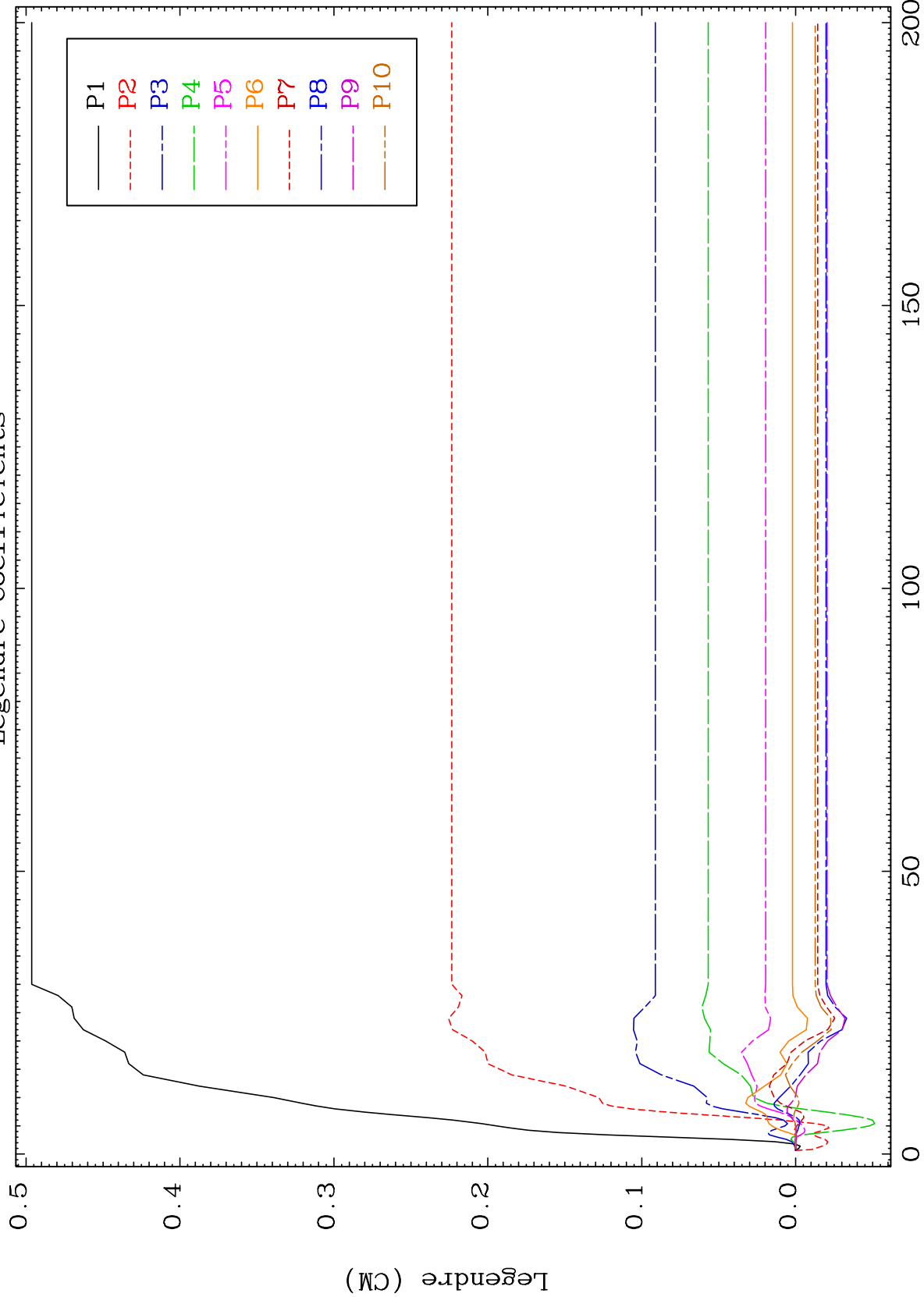




MAT 7737

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

77-Ir-195



64

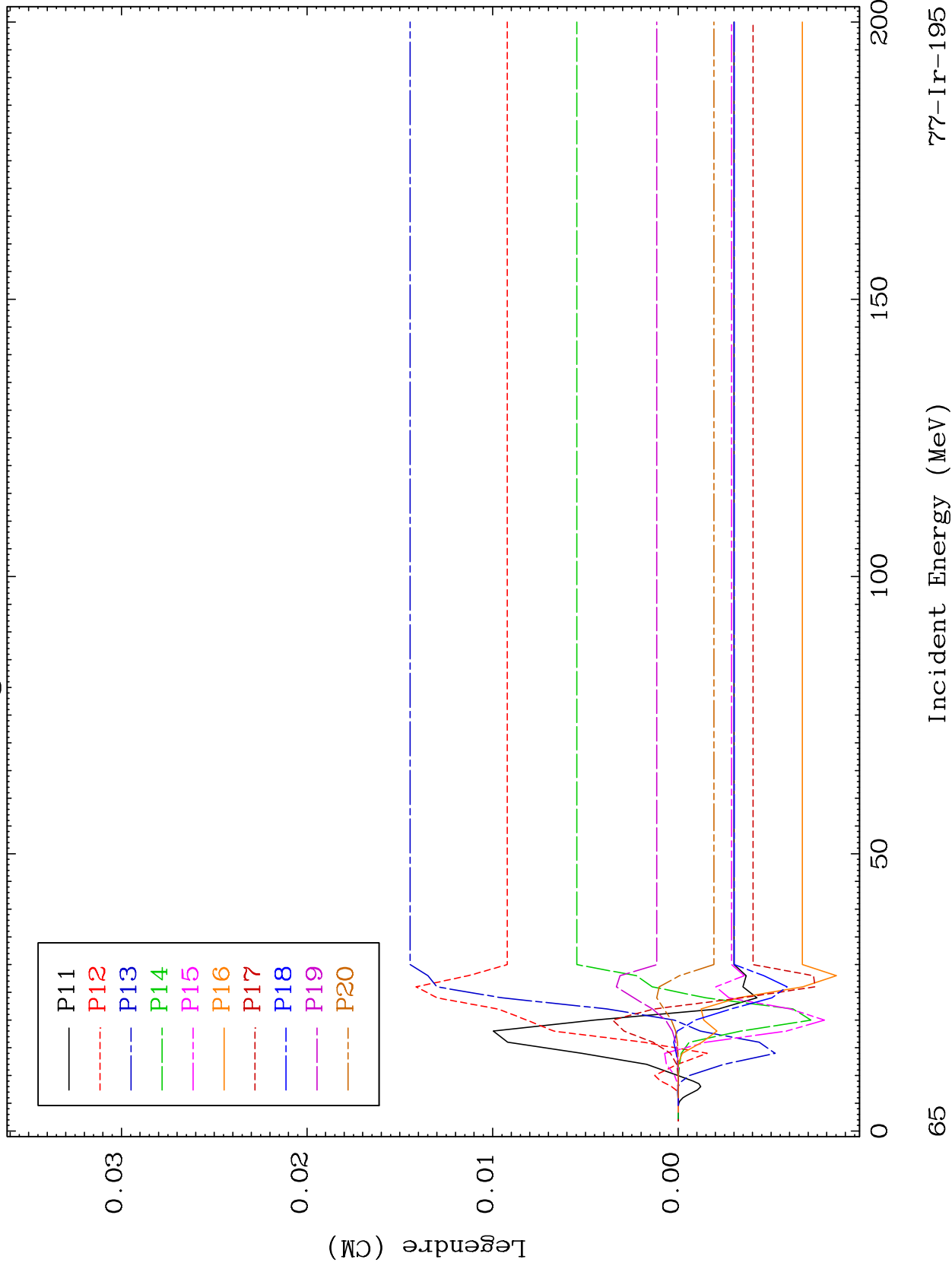
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

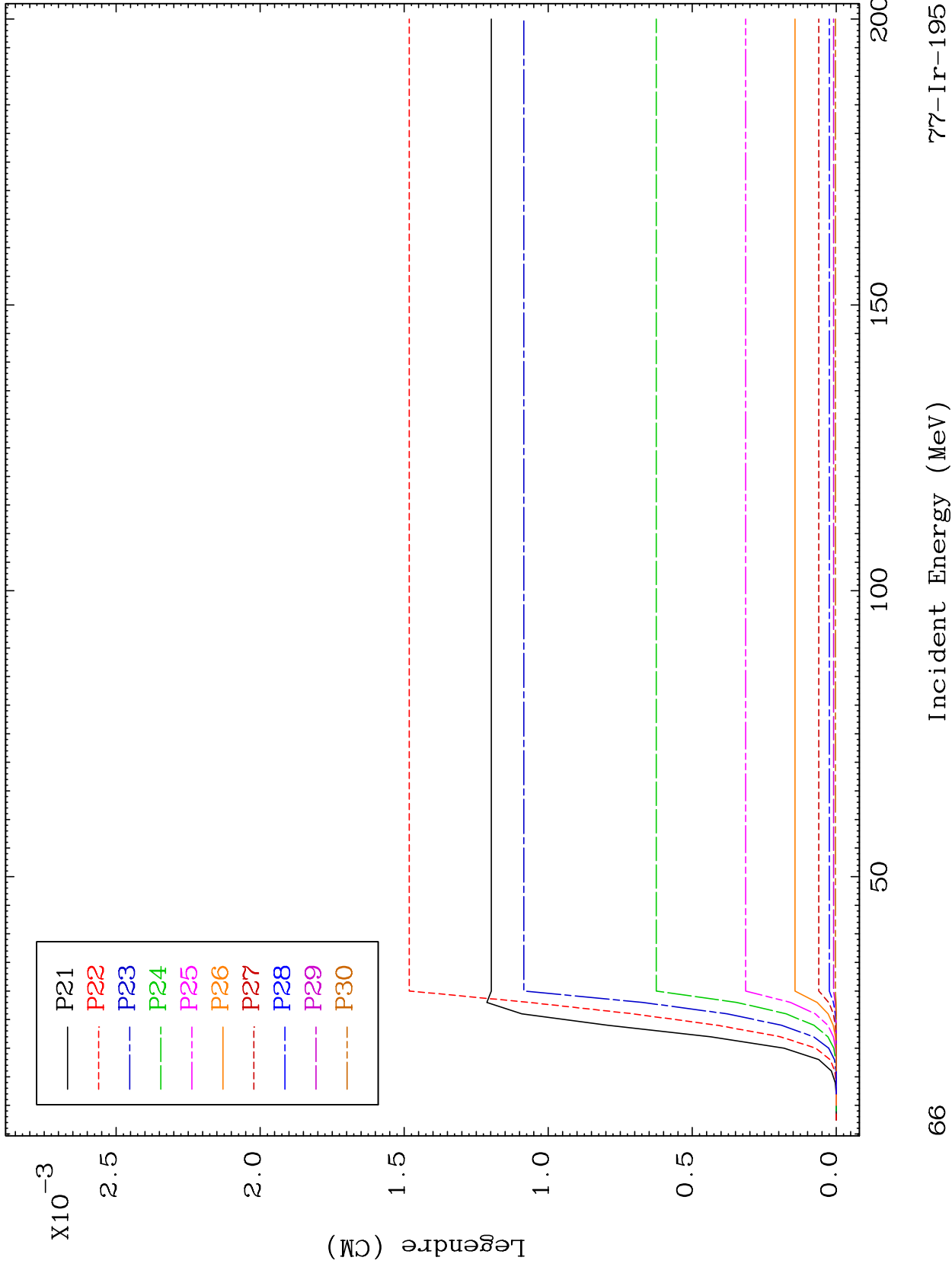
77-Ir-195



77-Ir-195

Incident Energy (MeV)

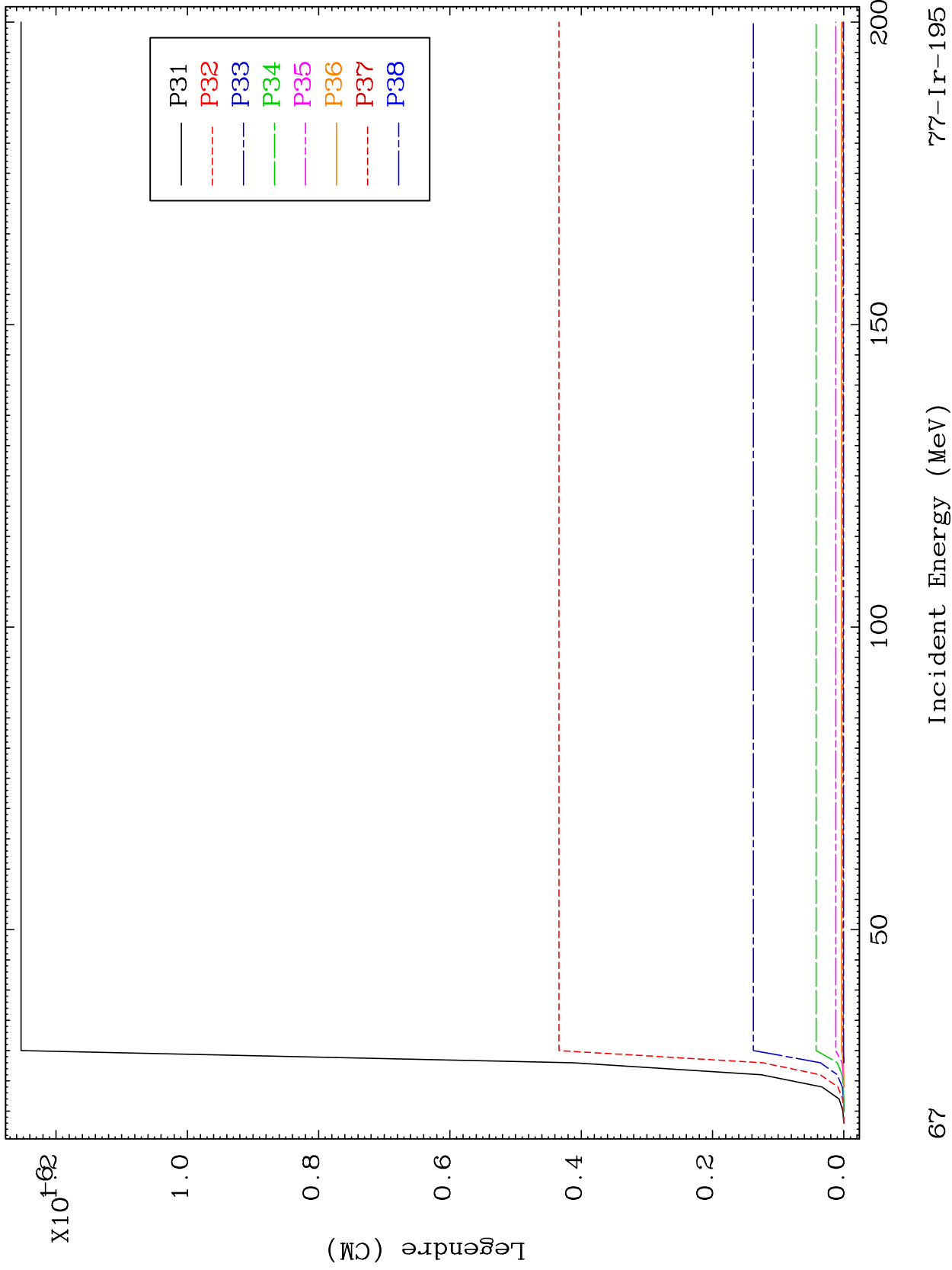
65

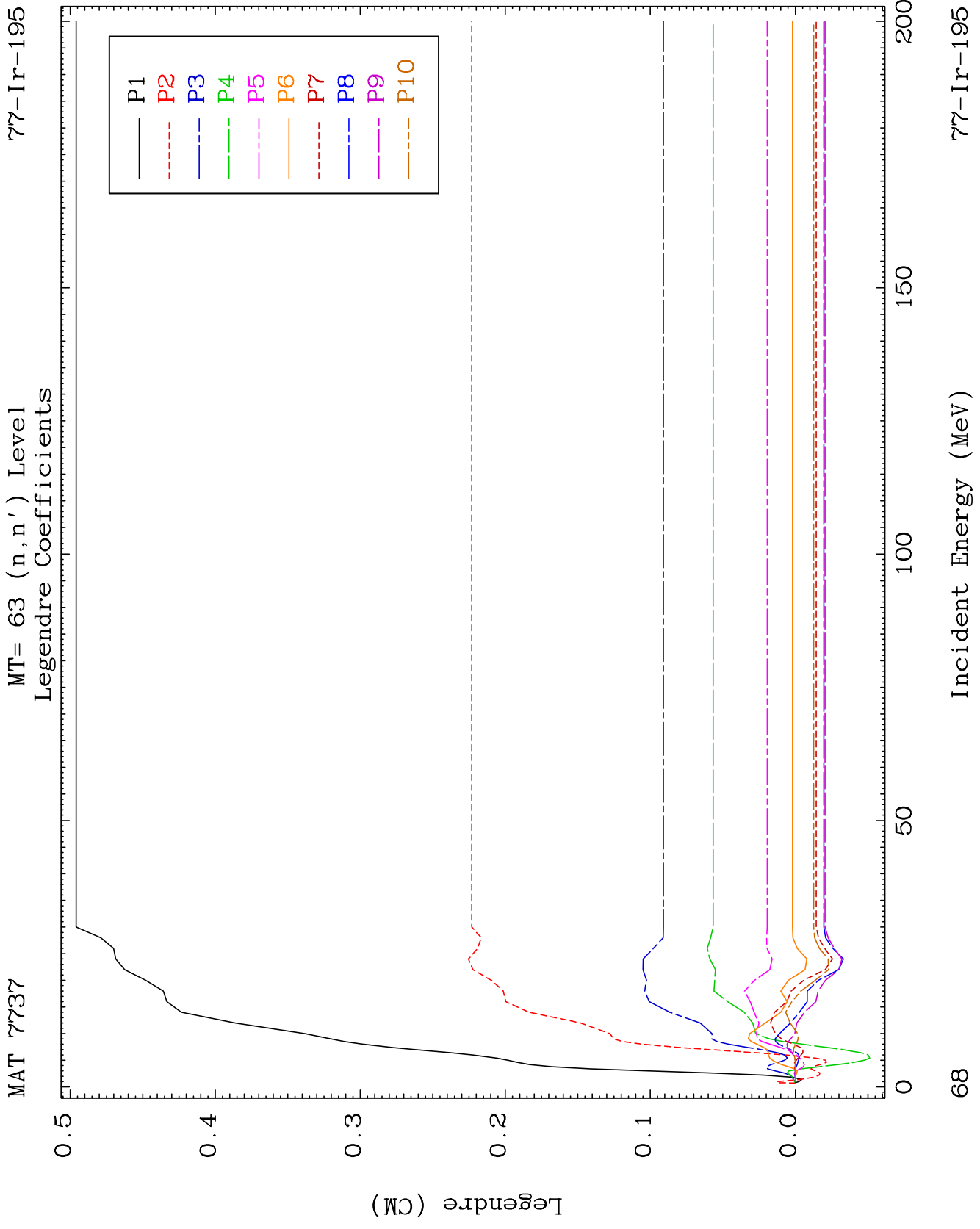


MAT 7737

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

77-Ir-195

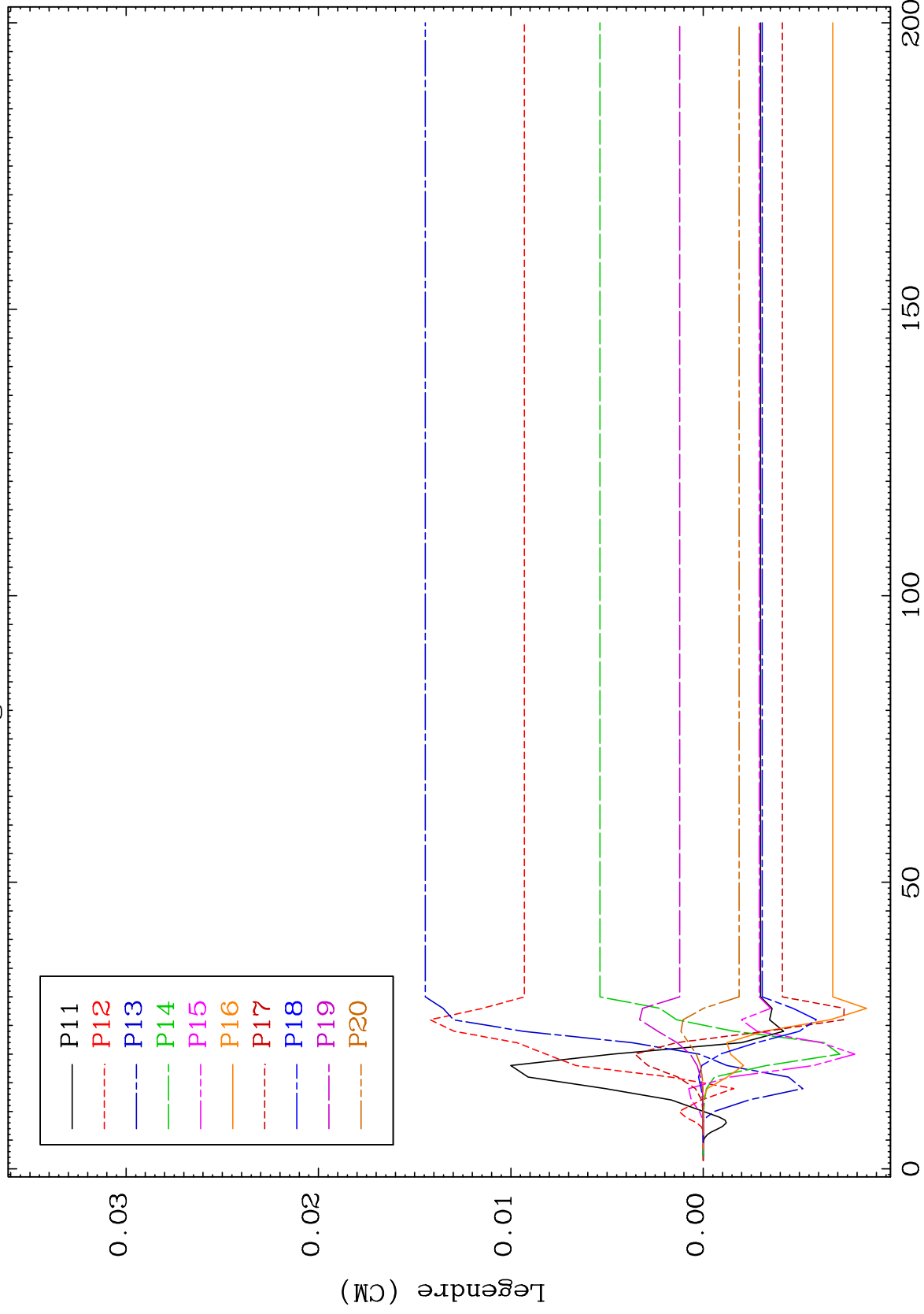




MAT 7737

77-Ir-195

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



69

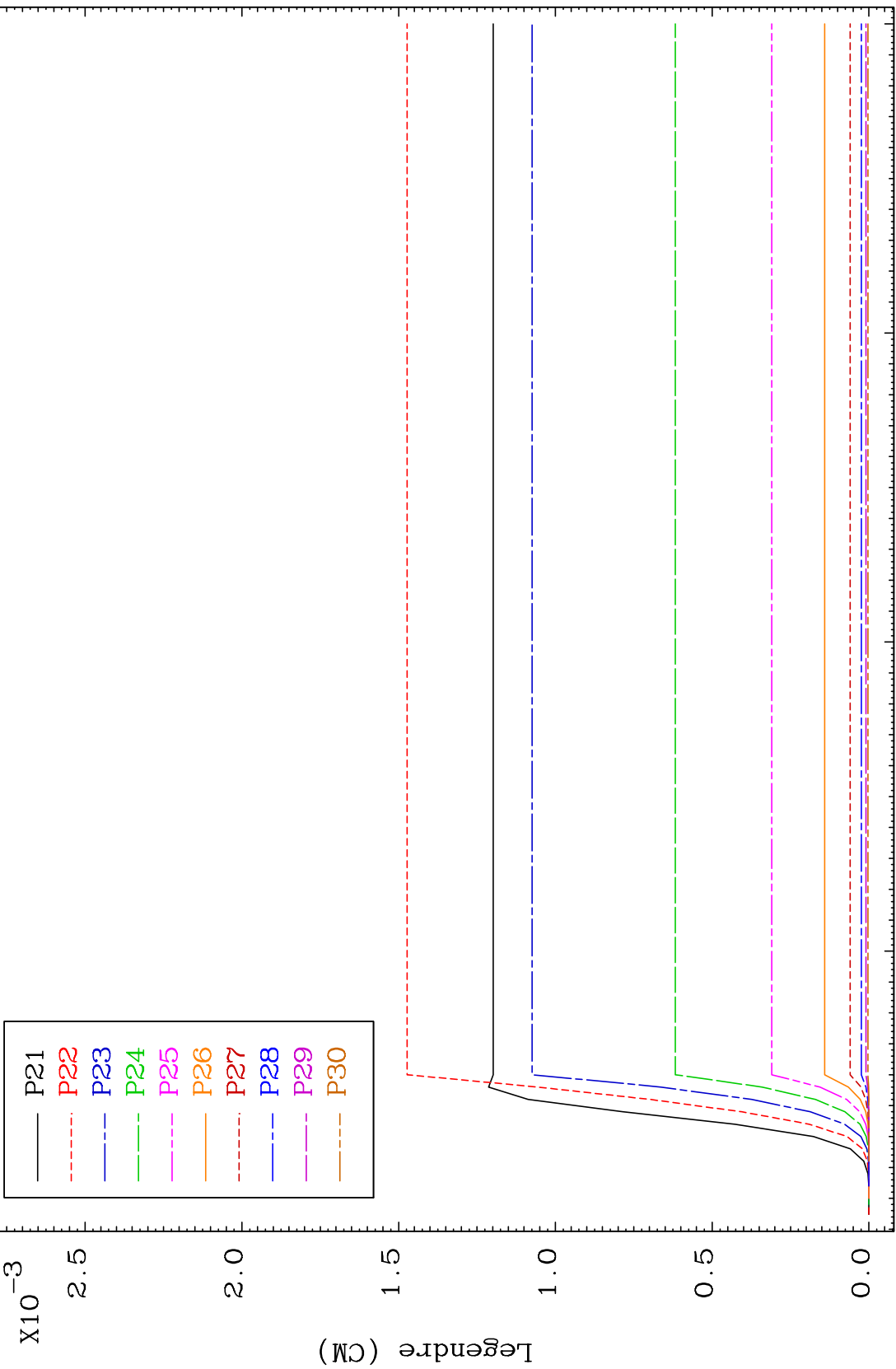
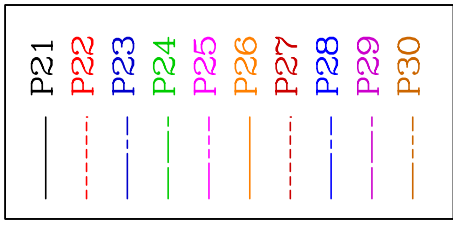
77-Ir-195

Incident Energy (MeV)

MAT 7737

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

77-Ir-195



70

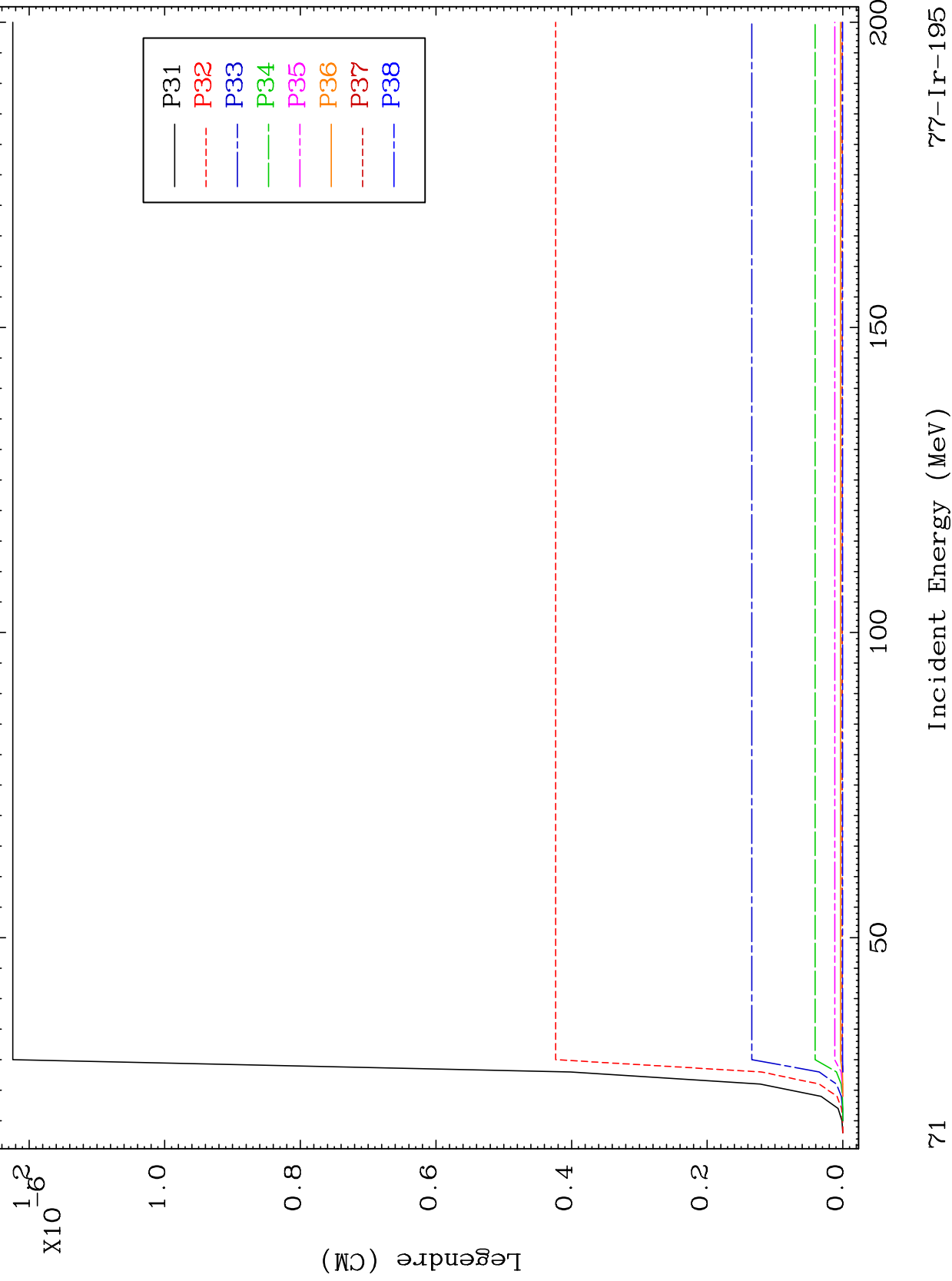
Incident Energy (MeV)

77-Ir-195

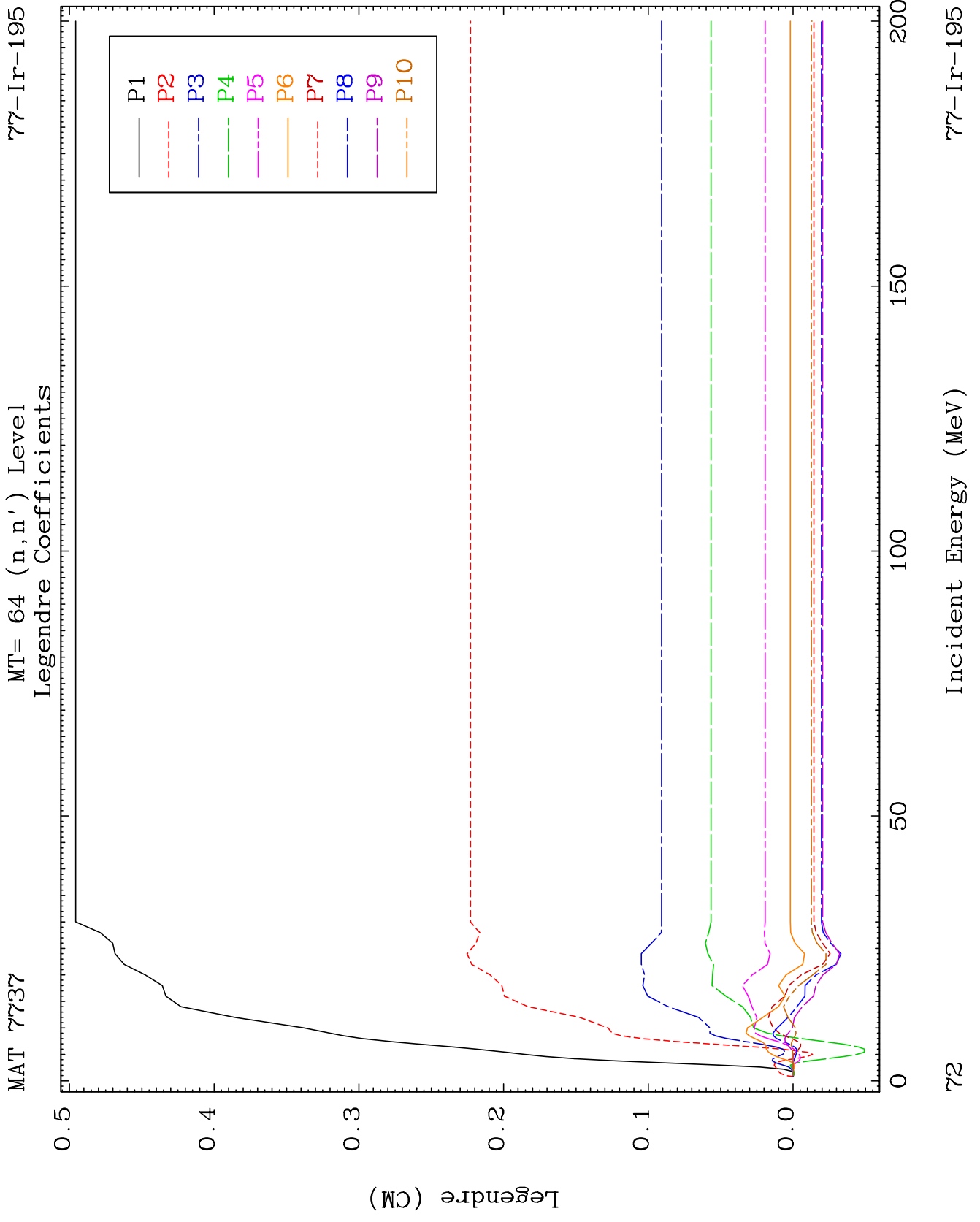
MAT 7737

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

77-Ir-195



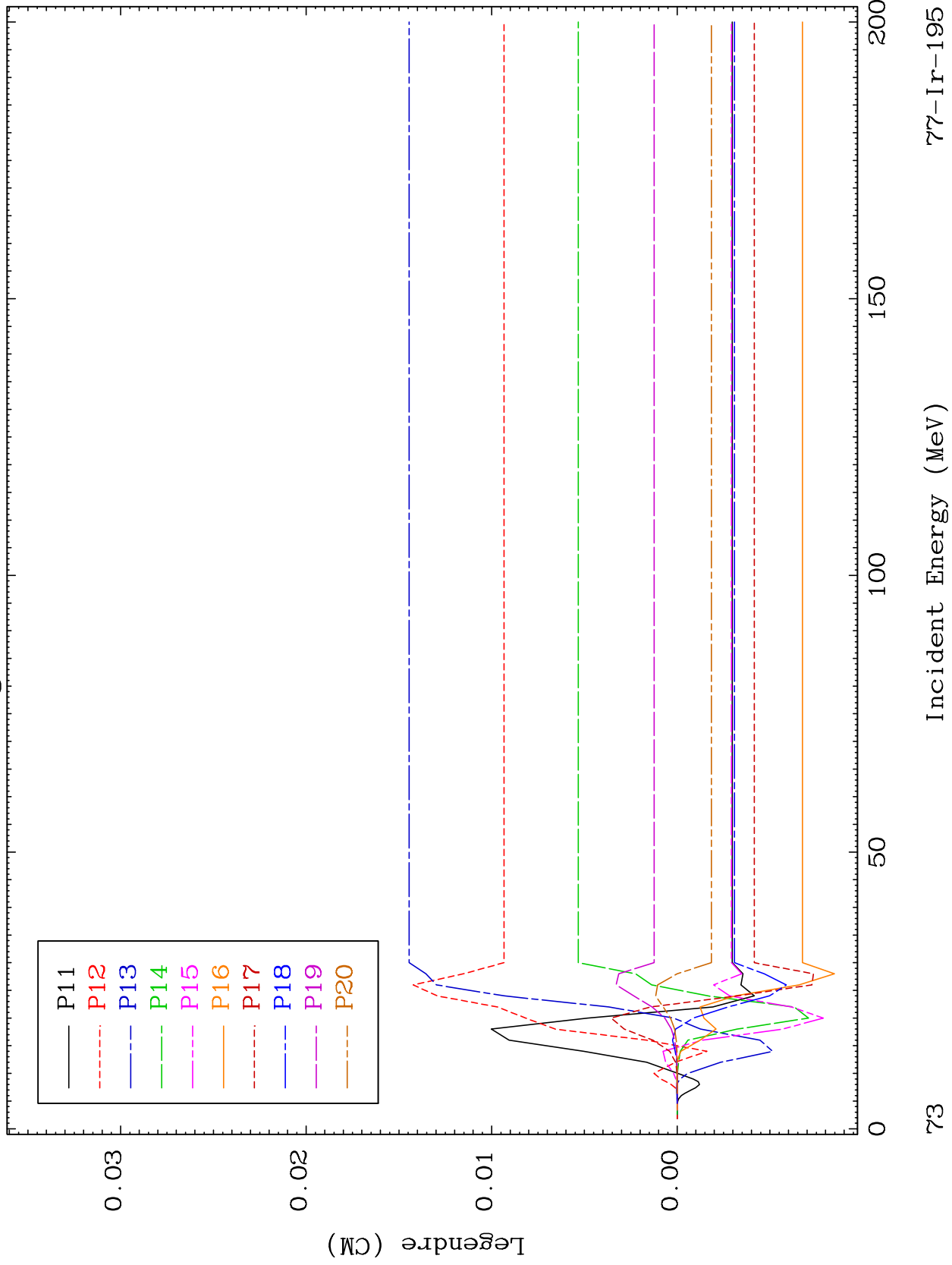




MAT 7737

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

77-Ir-195



73

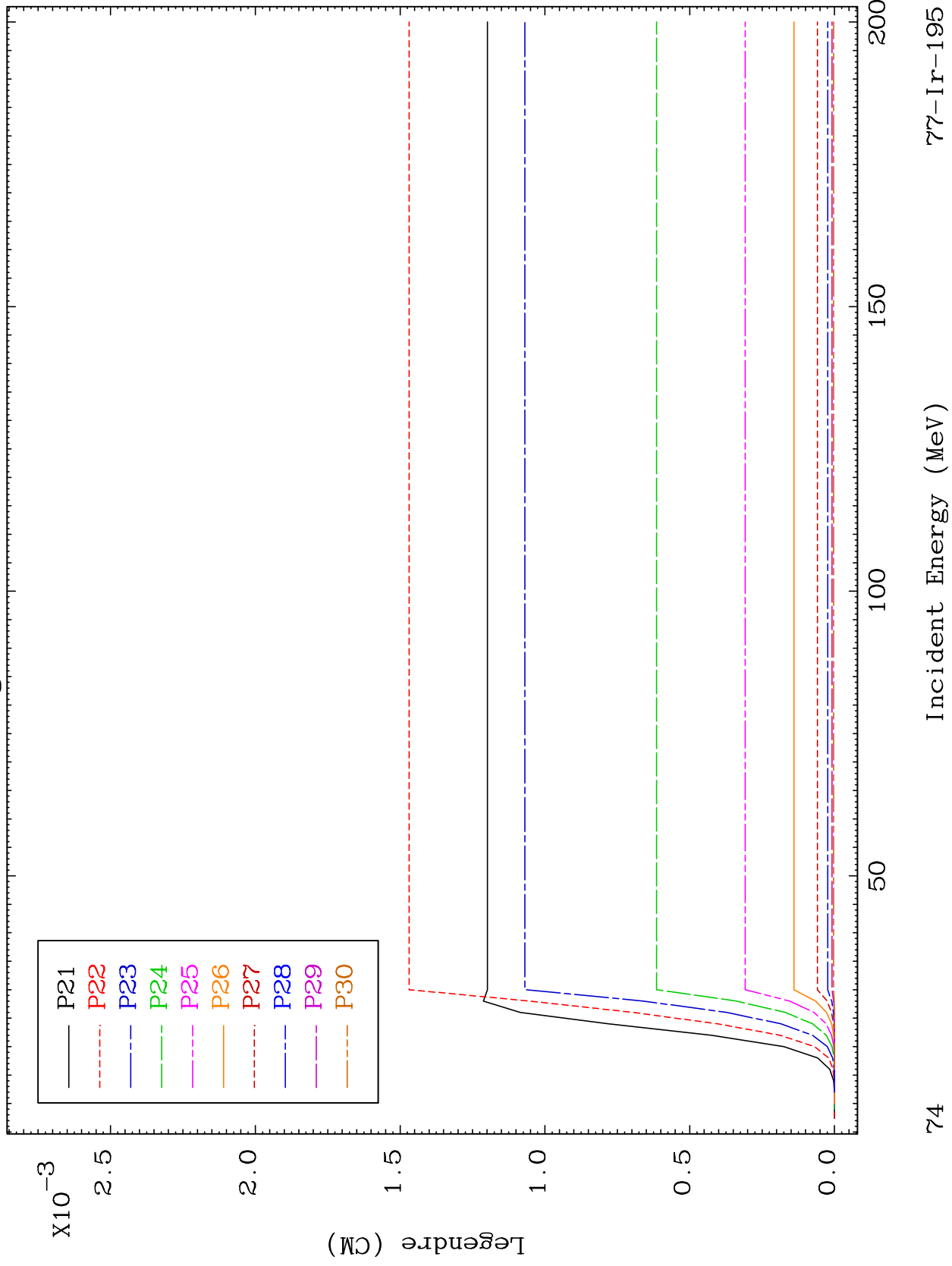
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



74

Incident Energy (MeV)

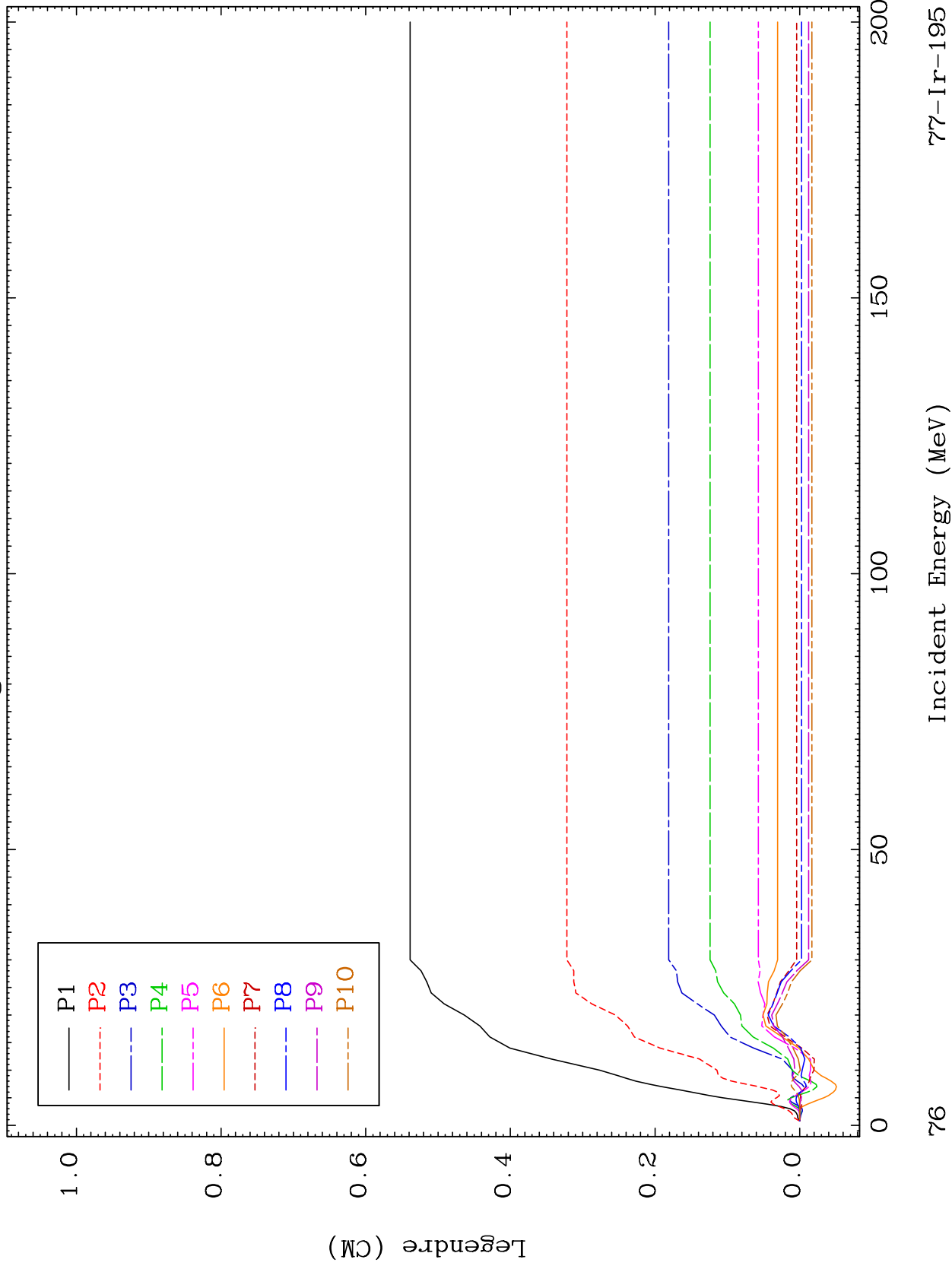
77-Ir-195



MAT 7737

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

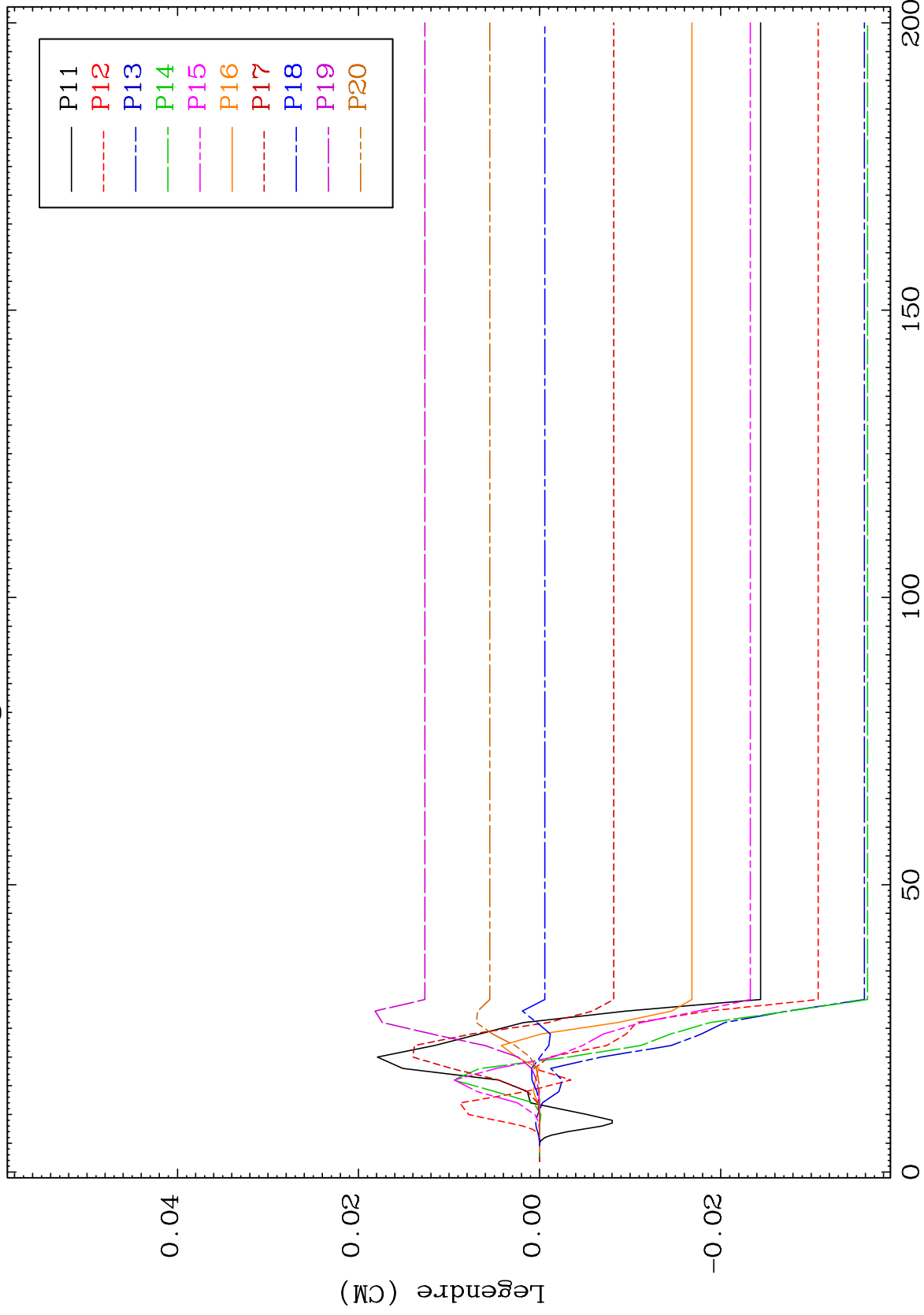
77-Ir-195



MAT 7737

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

77-Ir-195



77

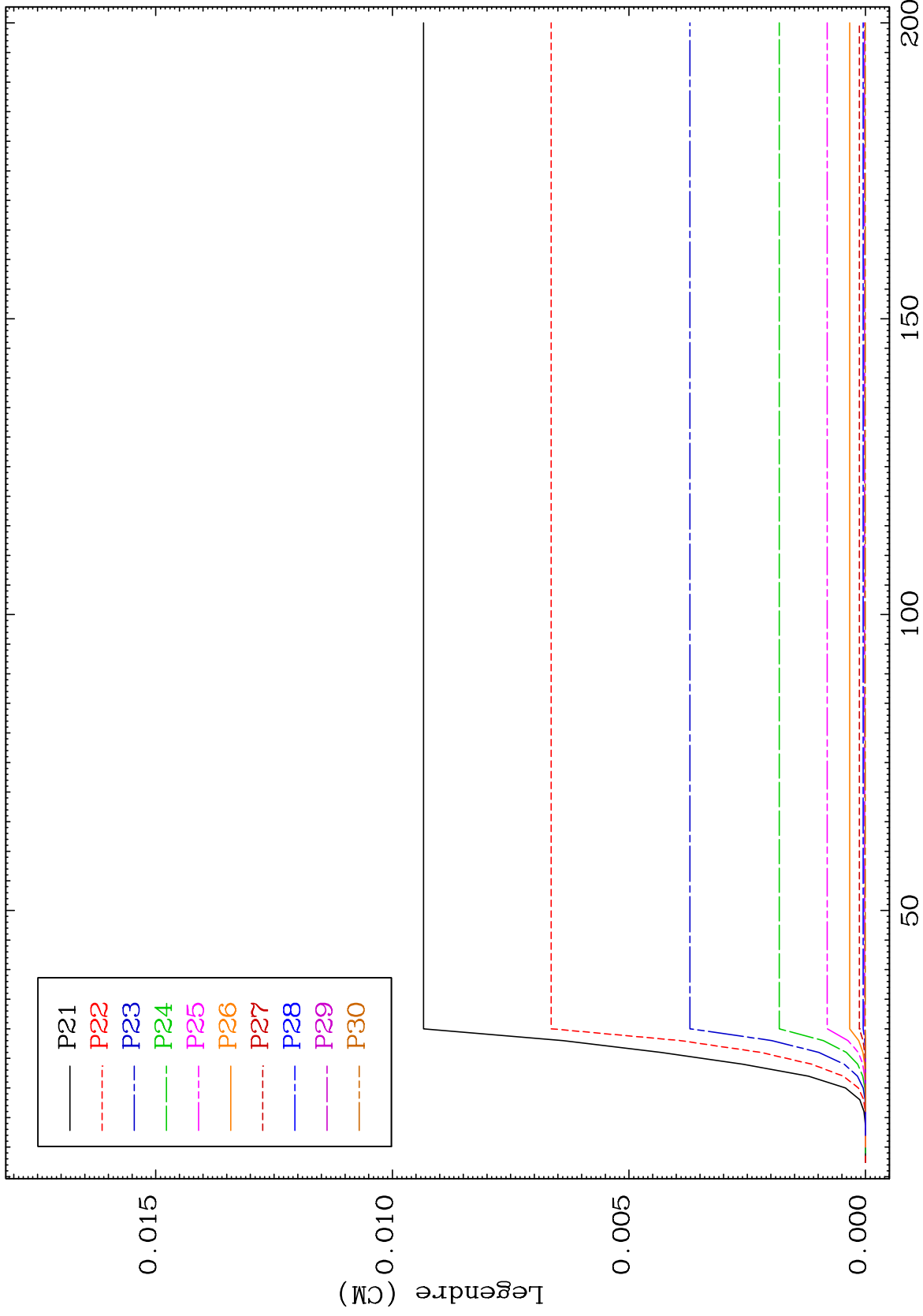
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



78

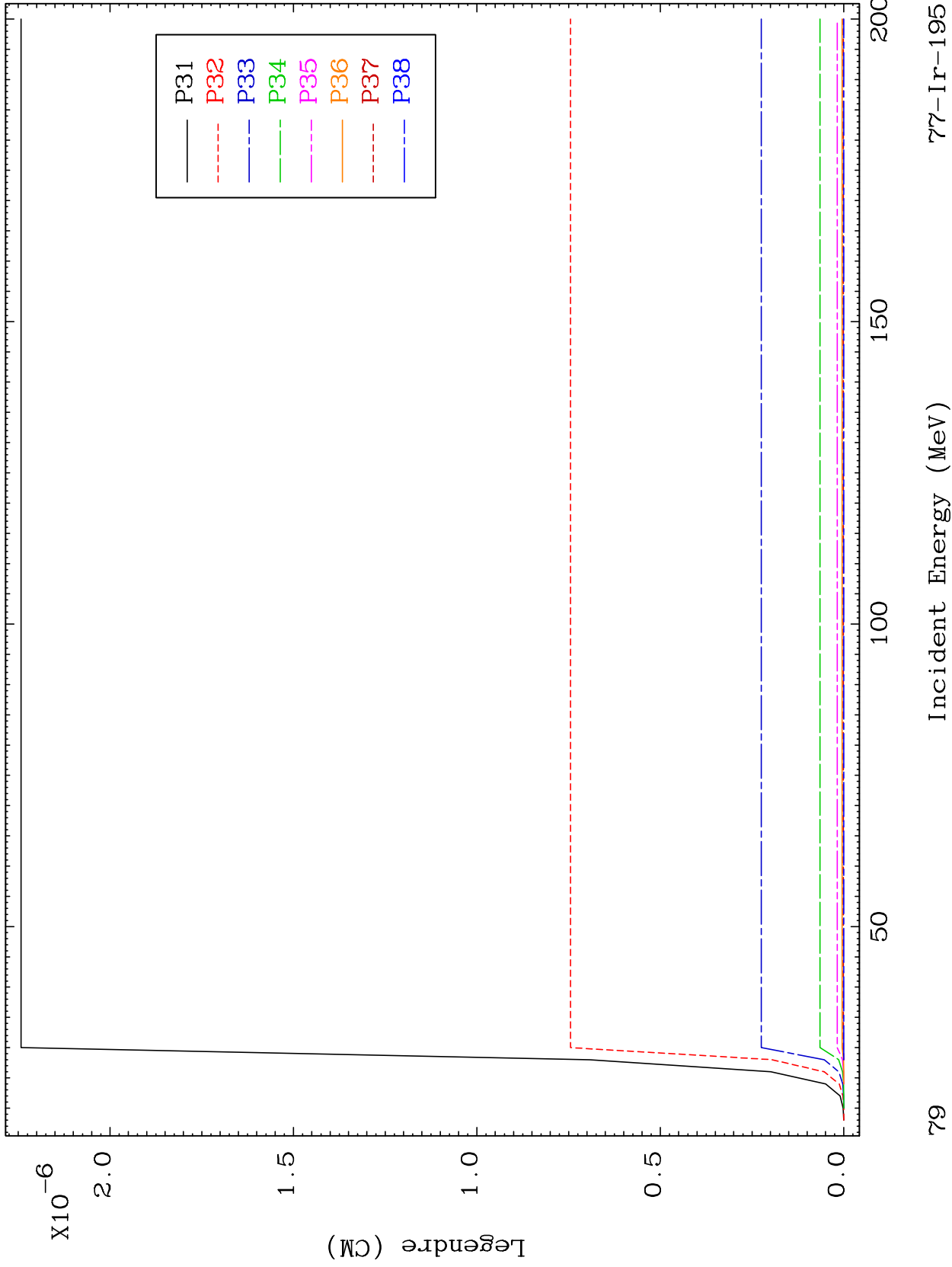
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



79

Incident Energy (MeV)

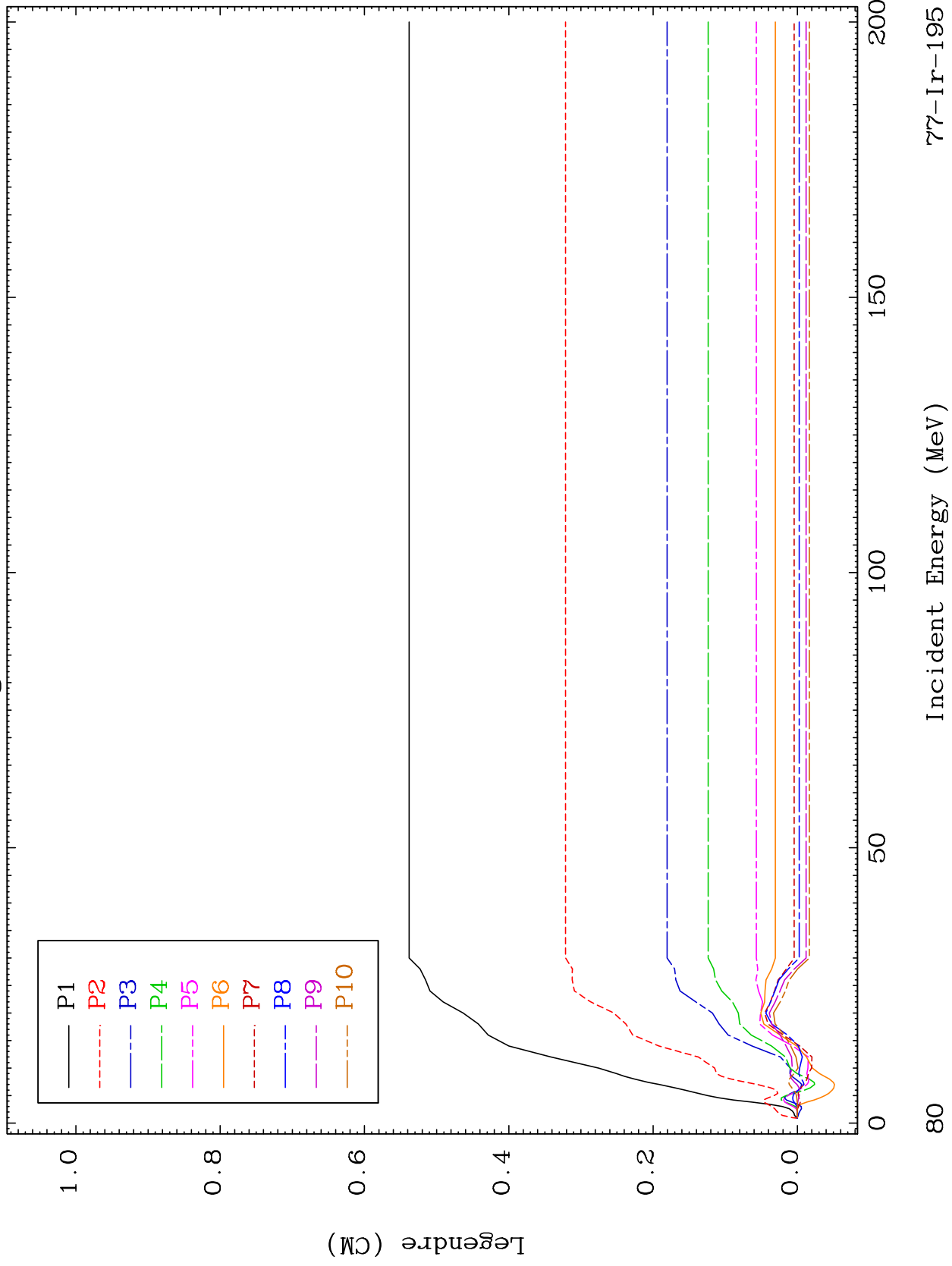
77-Ir-195



MAT 7737

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

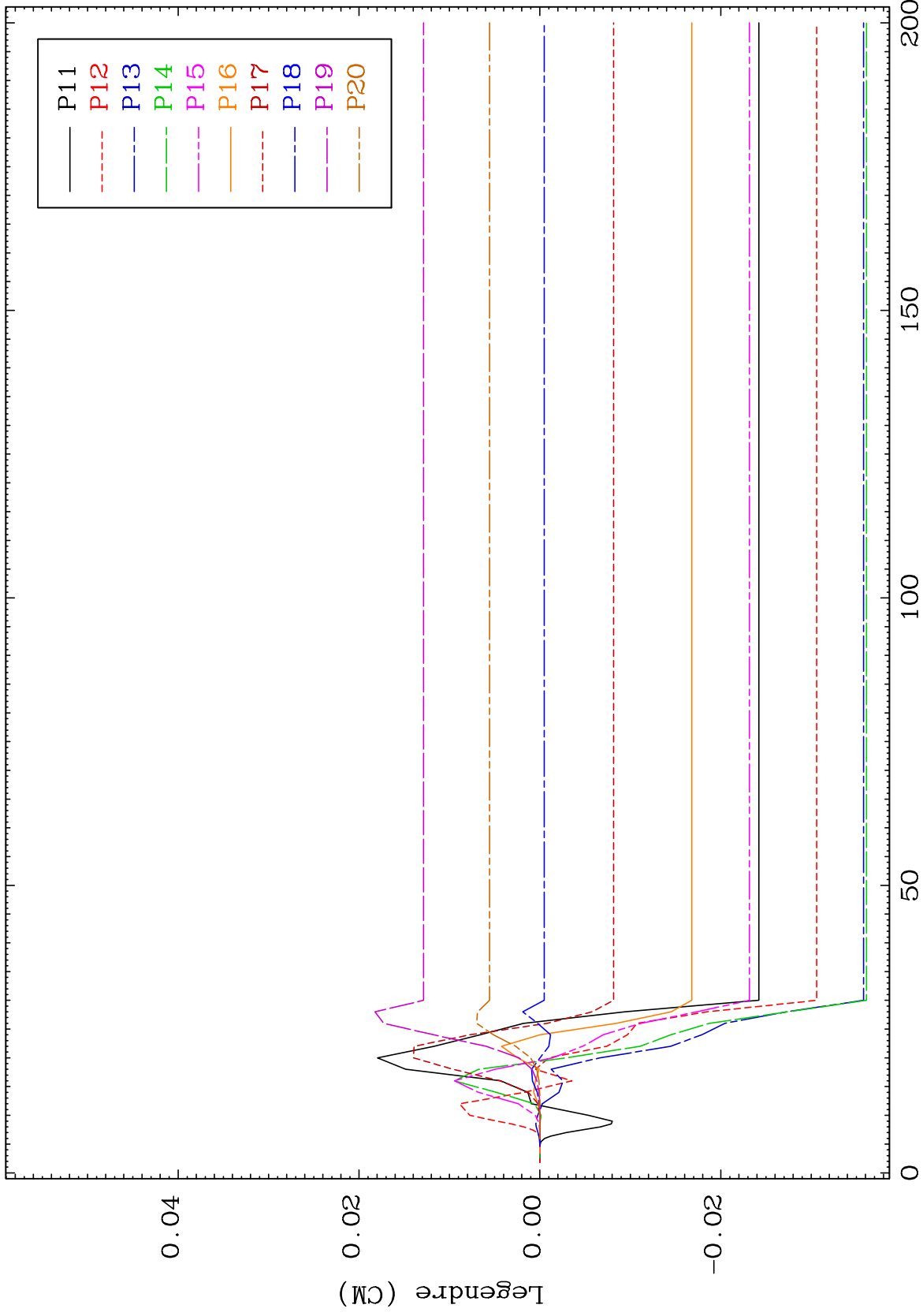
77-Ir-195



MAT 7737

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

77-Ir-195



81

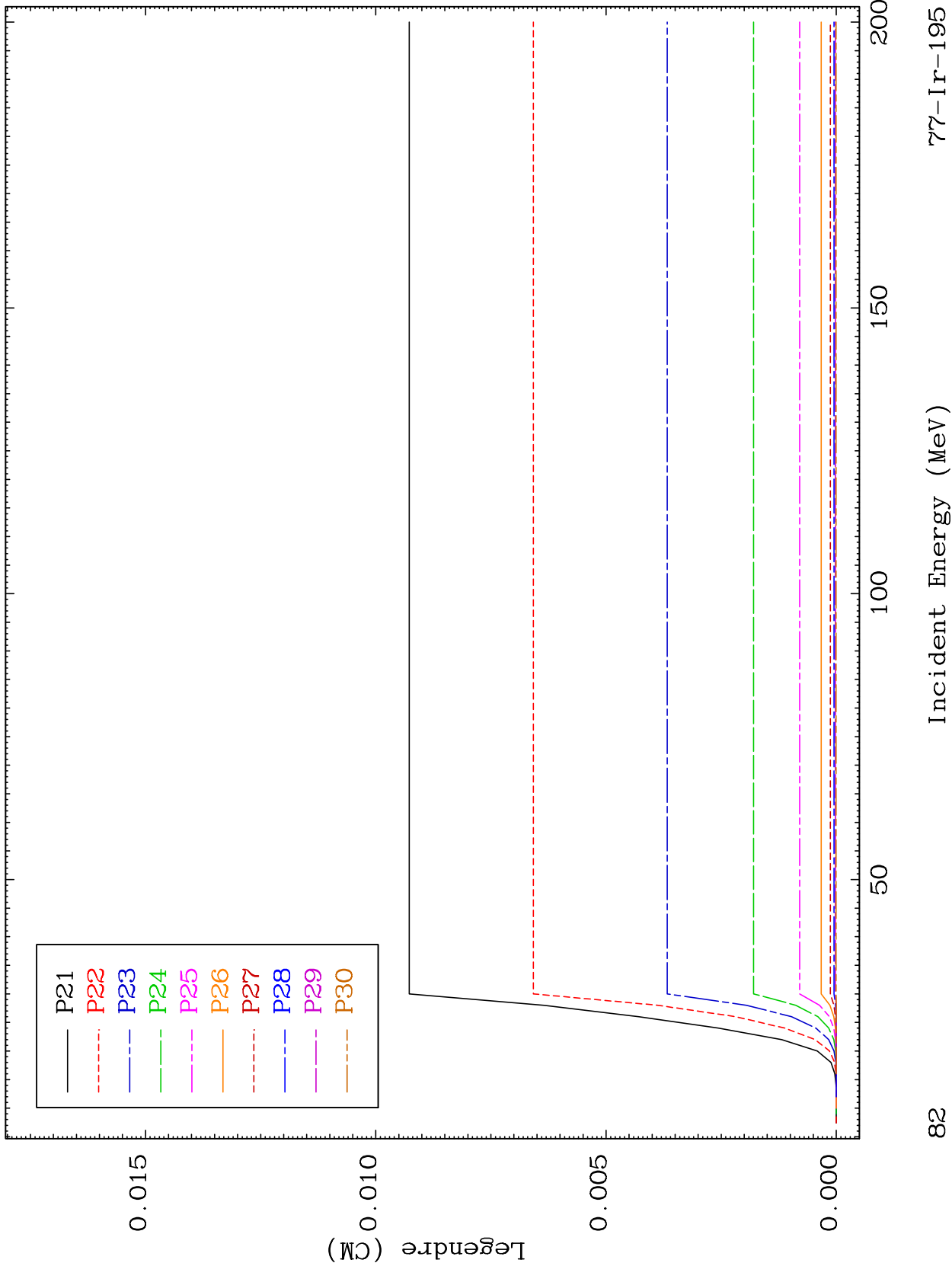
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



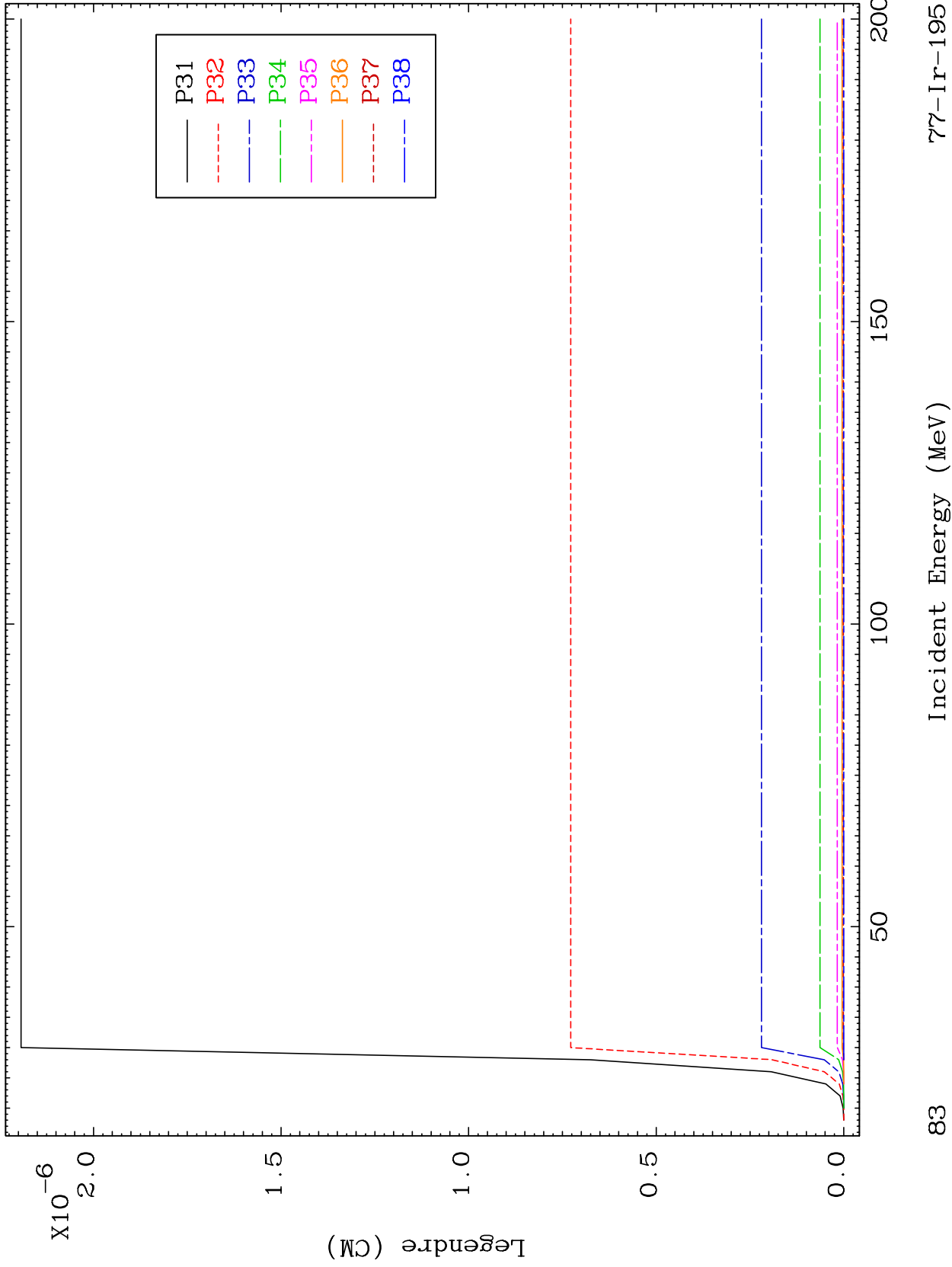
82

77-Ir-195

MAT 7737

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

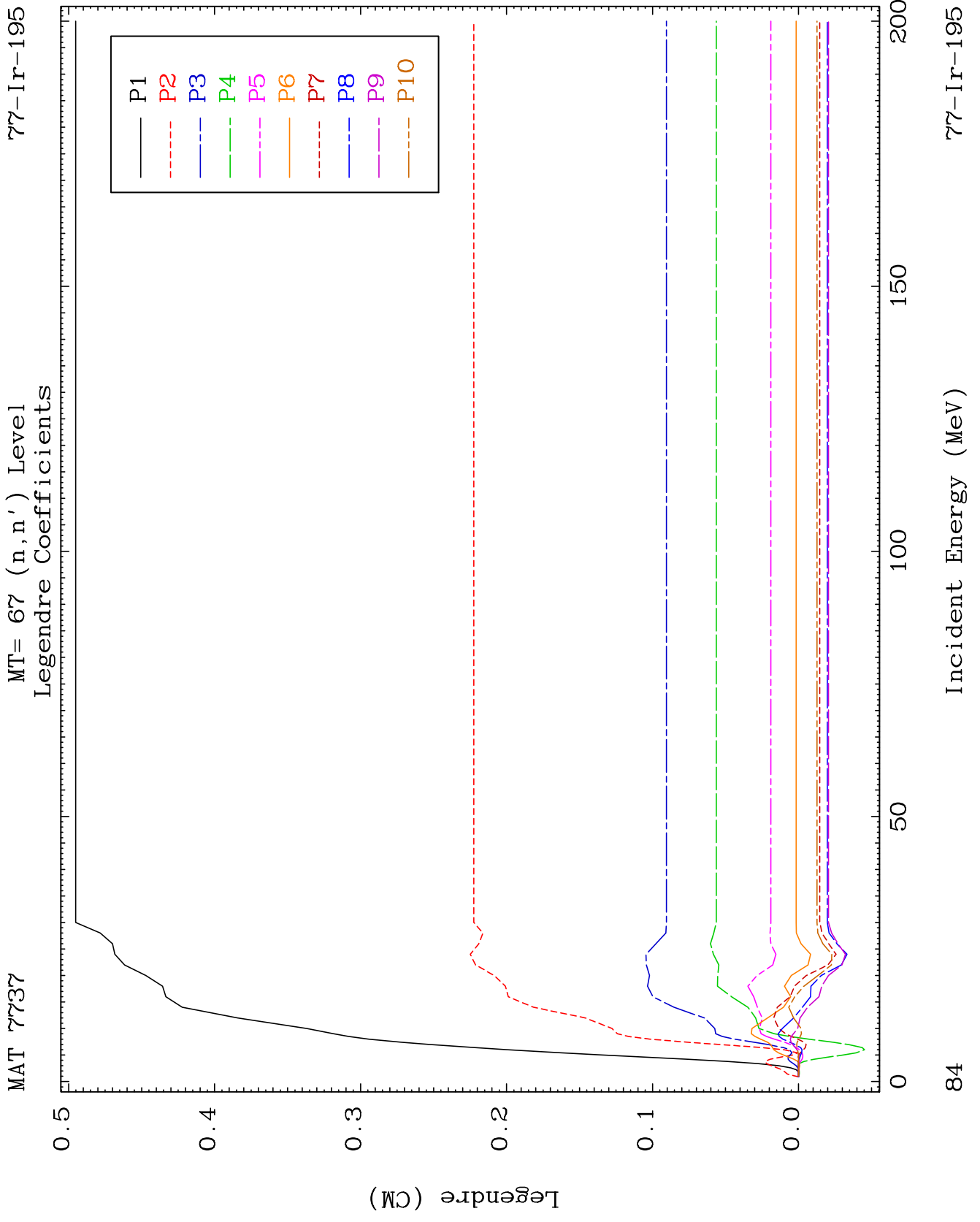
77-Ir-195



83

Incident Energy (MeV)

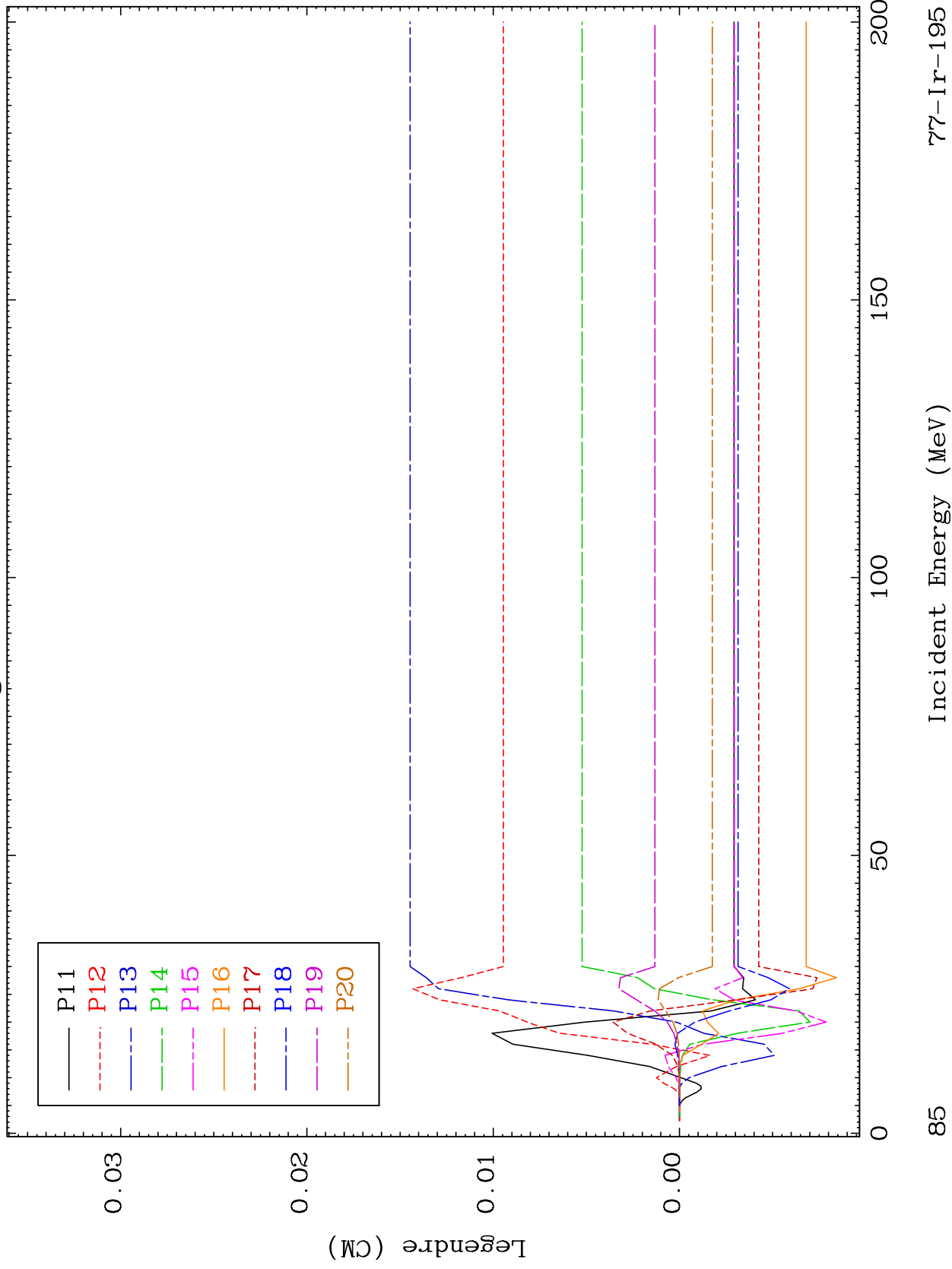
77-Ir-195



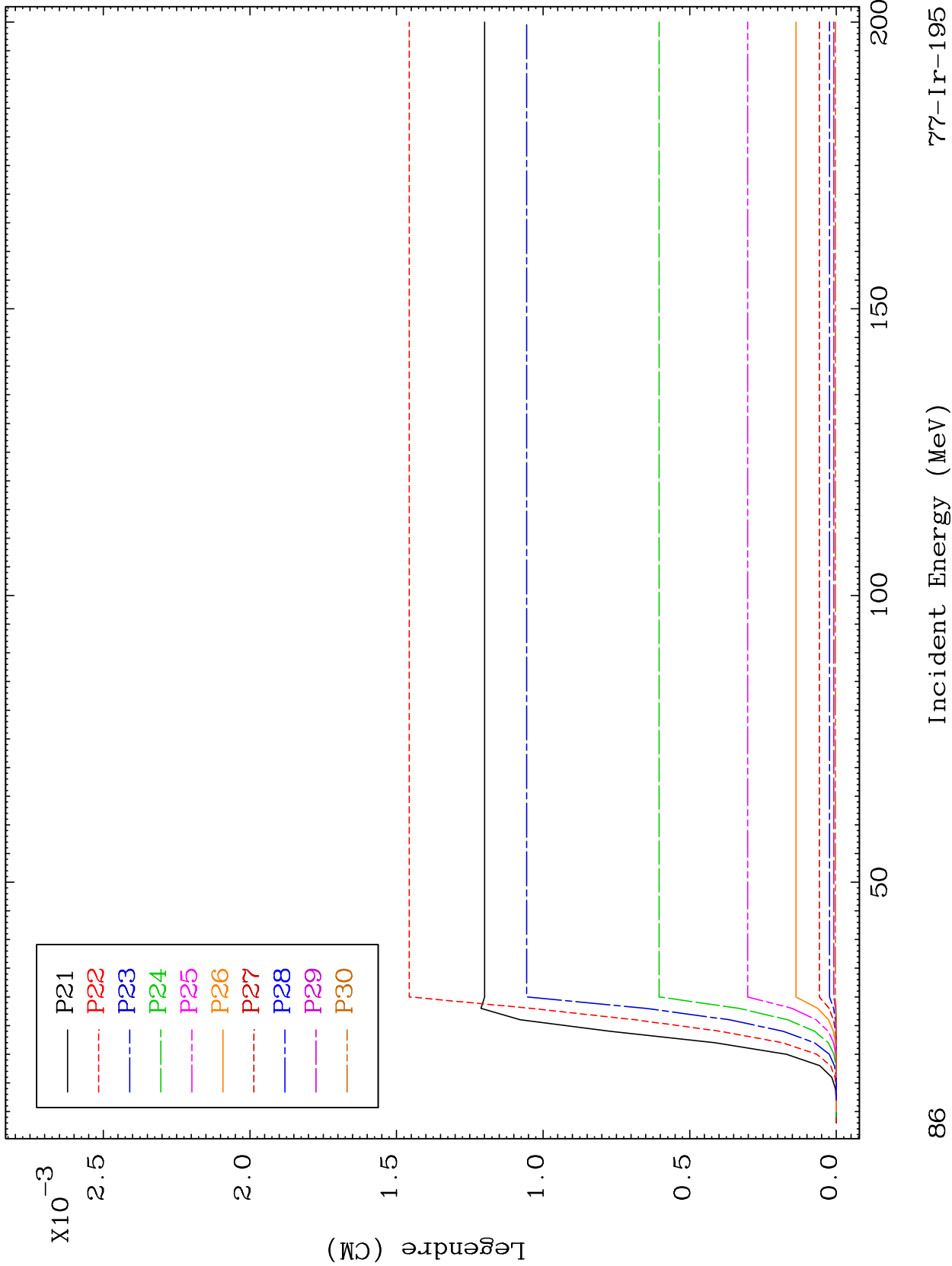
MAT 7737

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

77-Ir-195



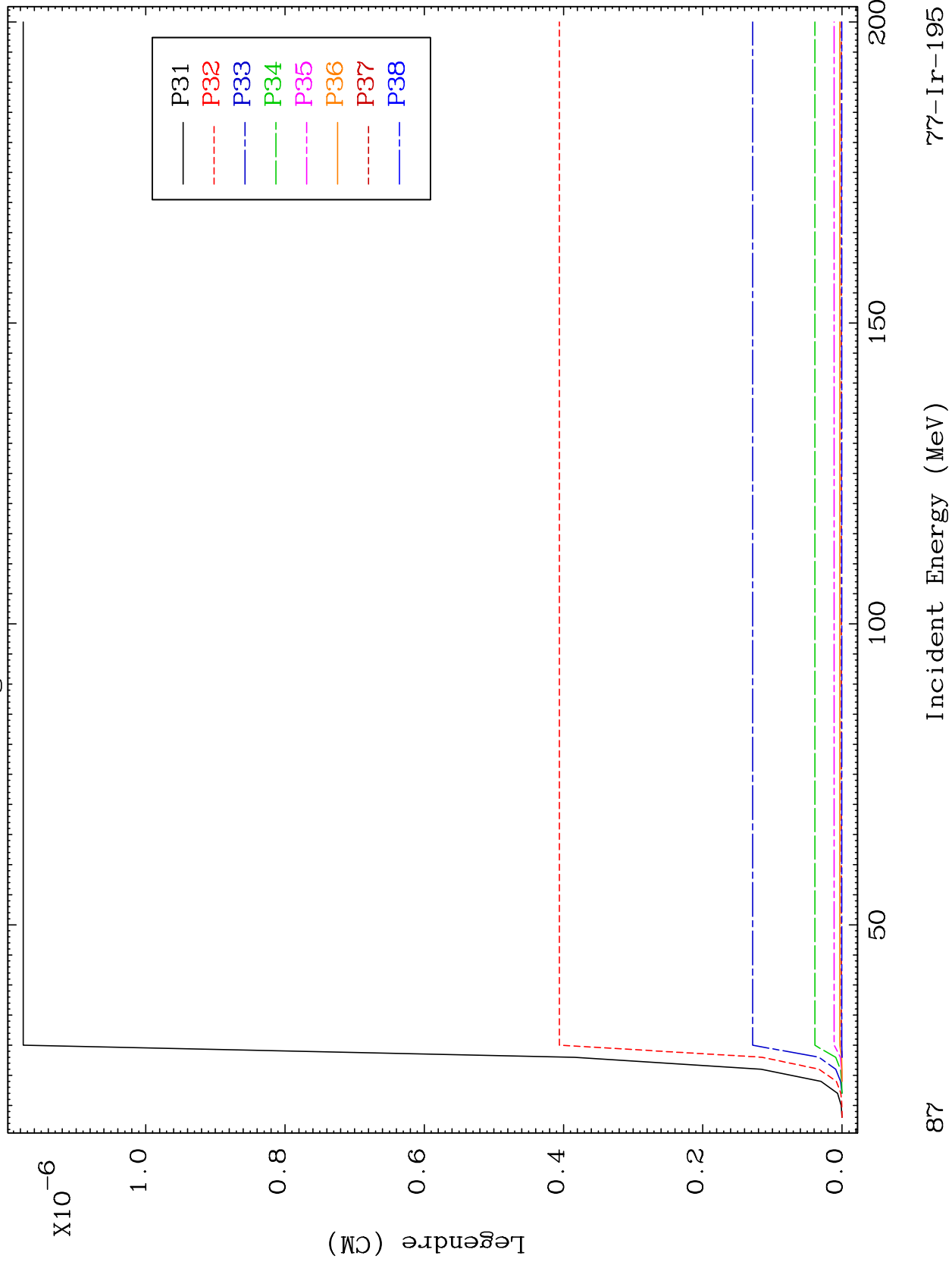
85



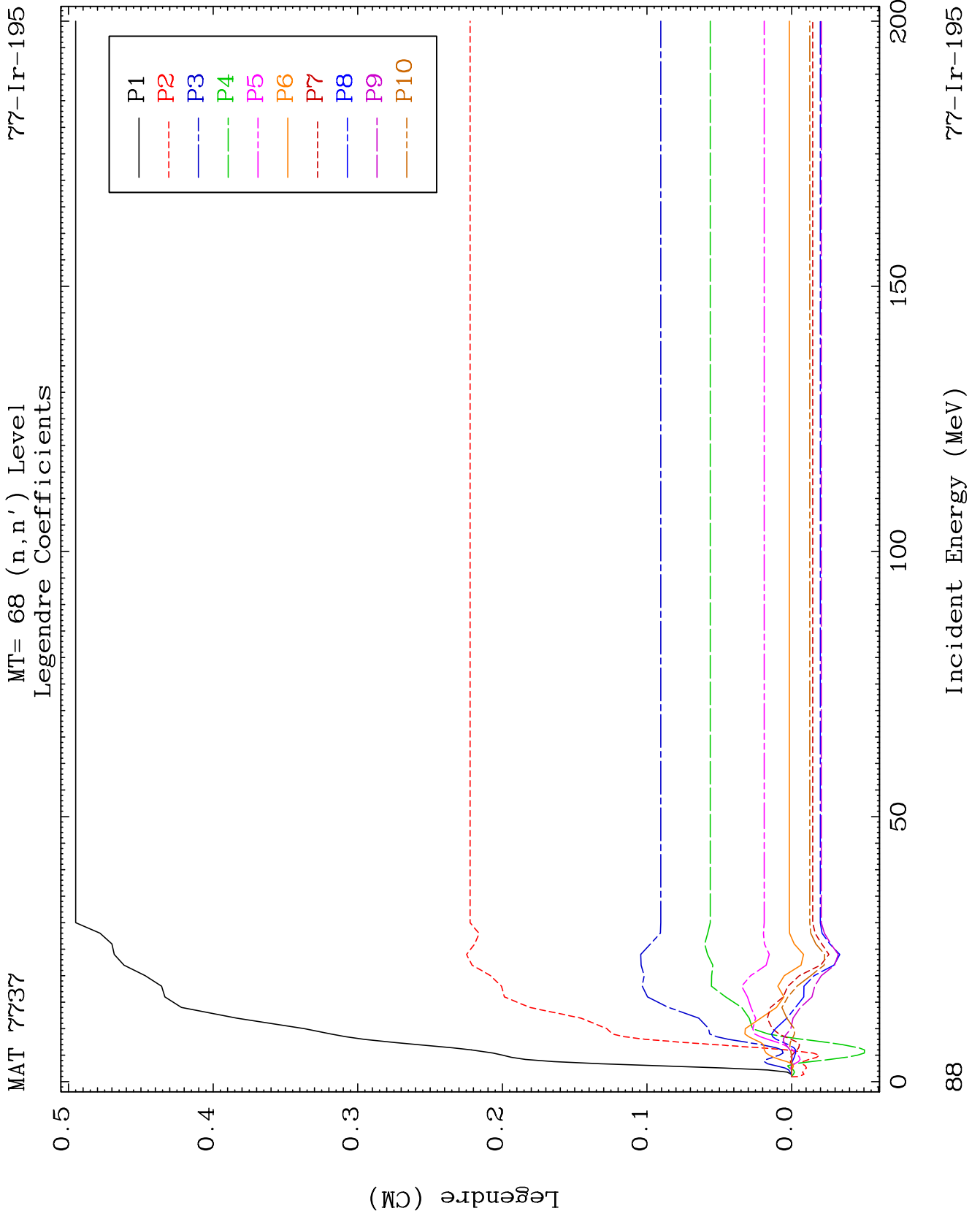
MAT 7737

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

77-Ir-195



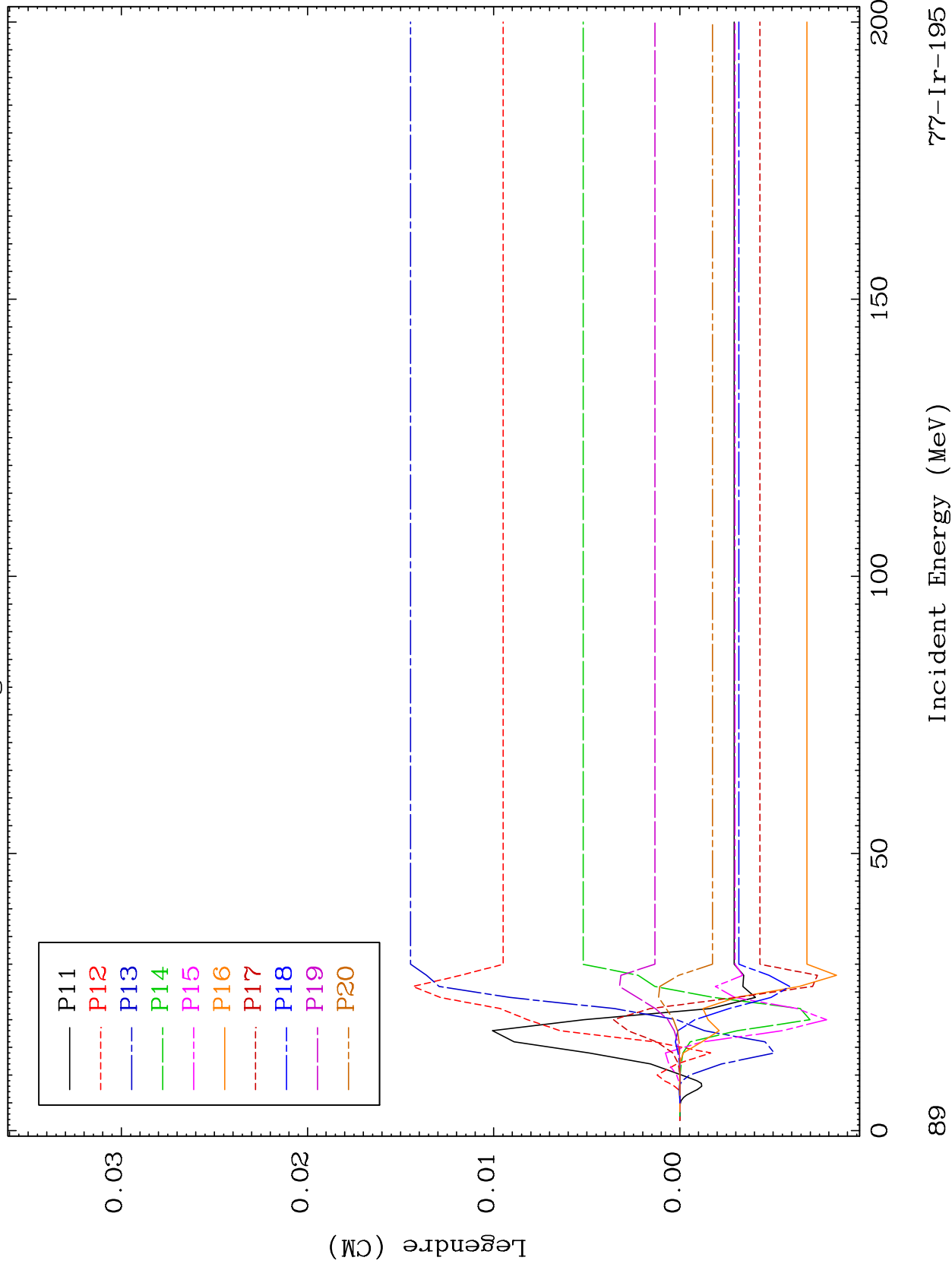




MAT 7737

77-Ir-195

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



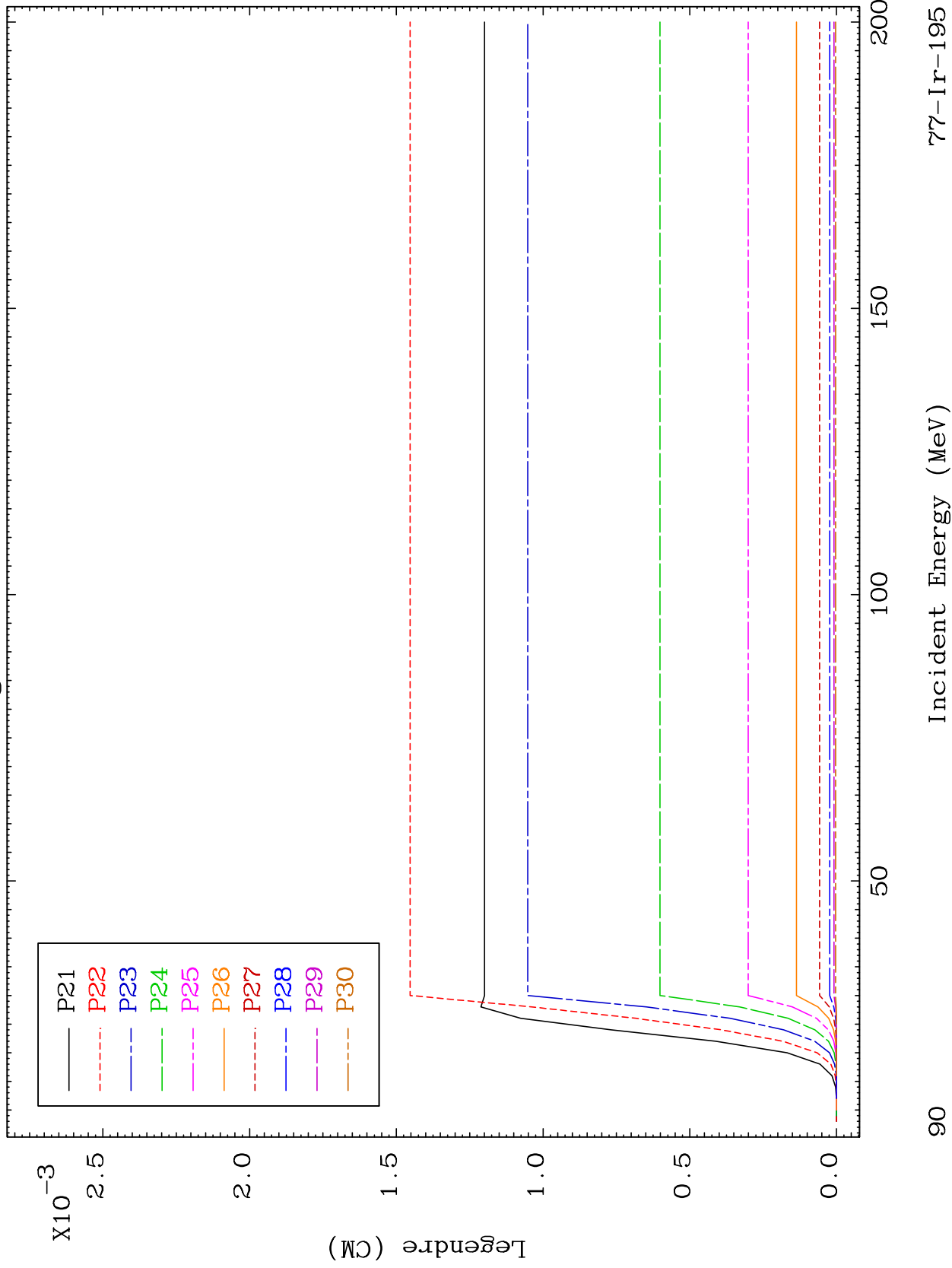
89

77-Ir-195

MAT 7737

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

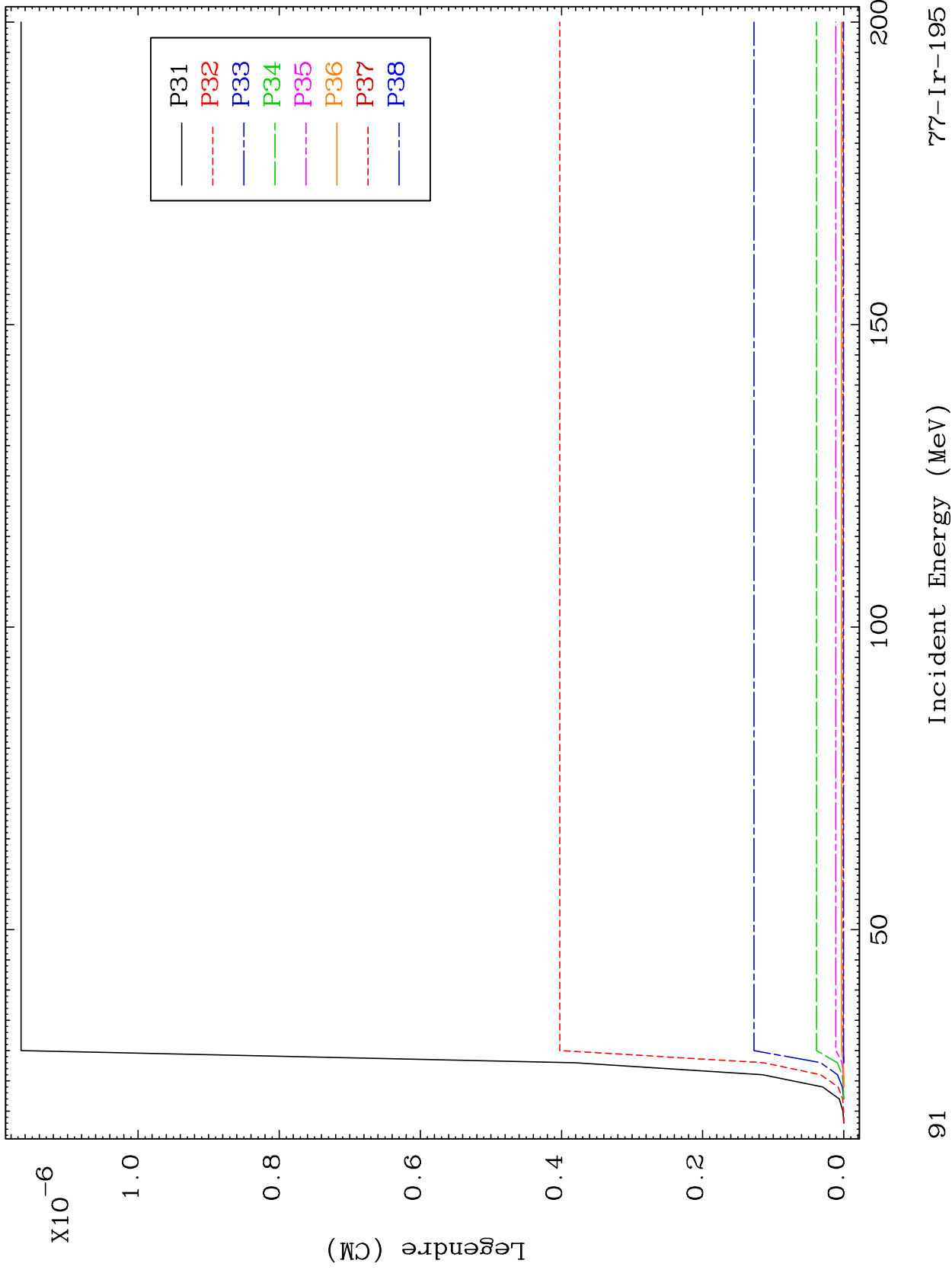
77-Ir-195



MAT 7737

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

77-Ir-195



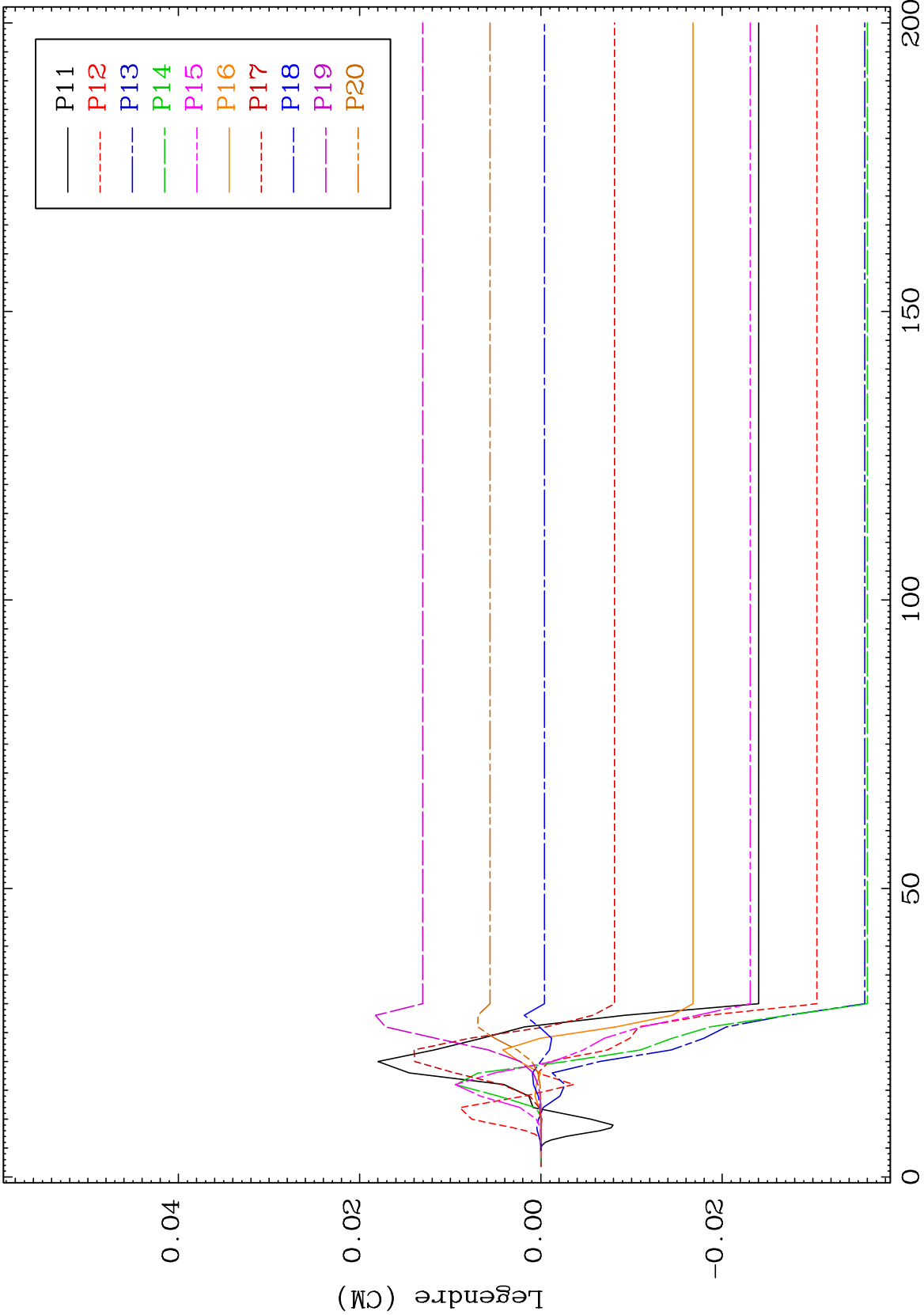
91



MAT 7737

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

77-Ir-195



93

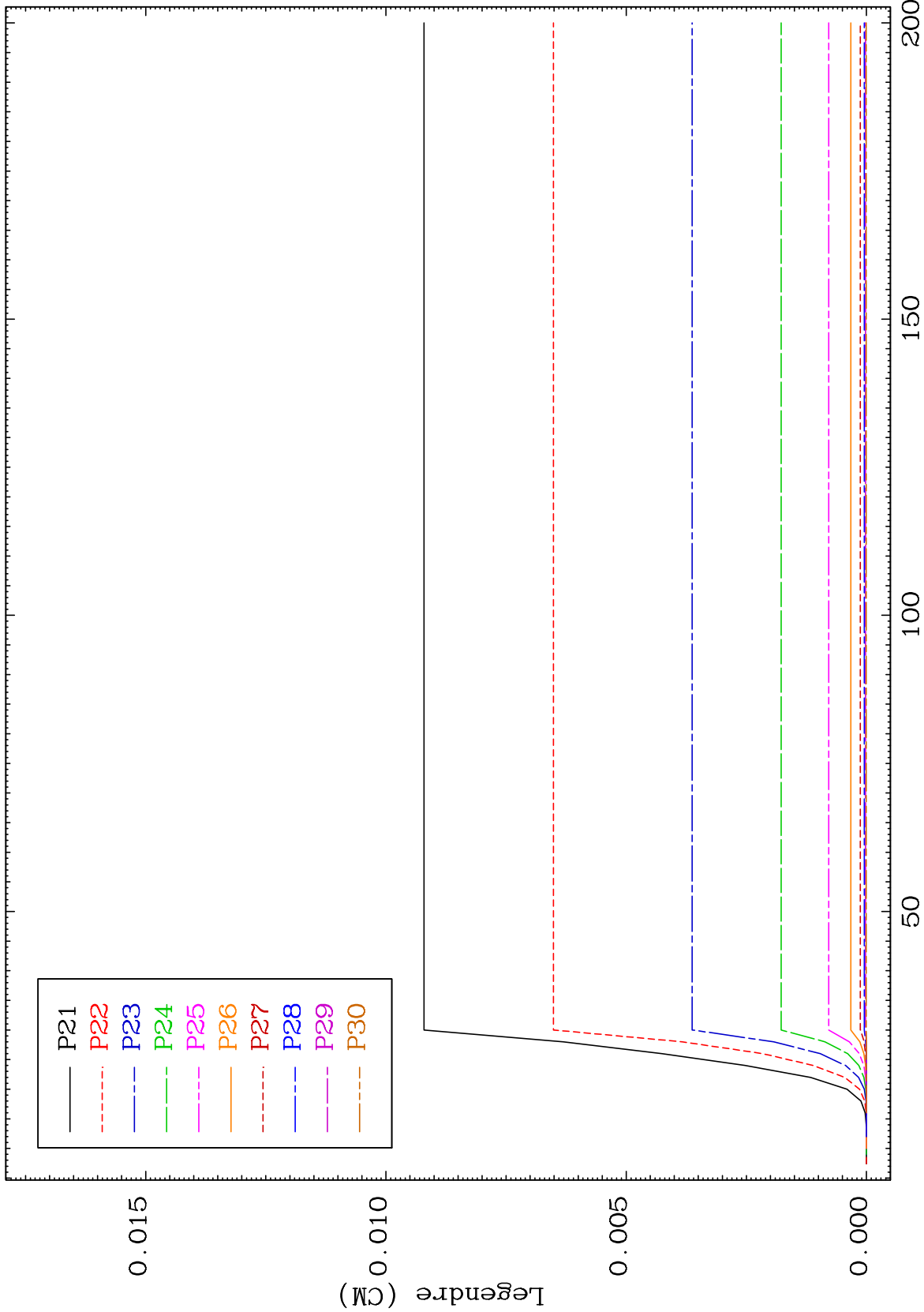
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



94

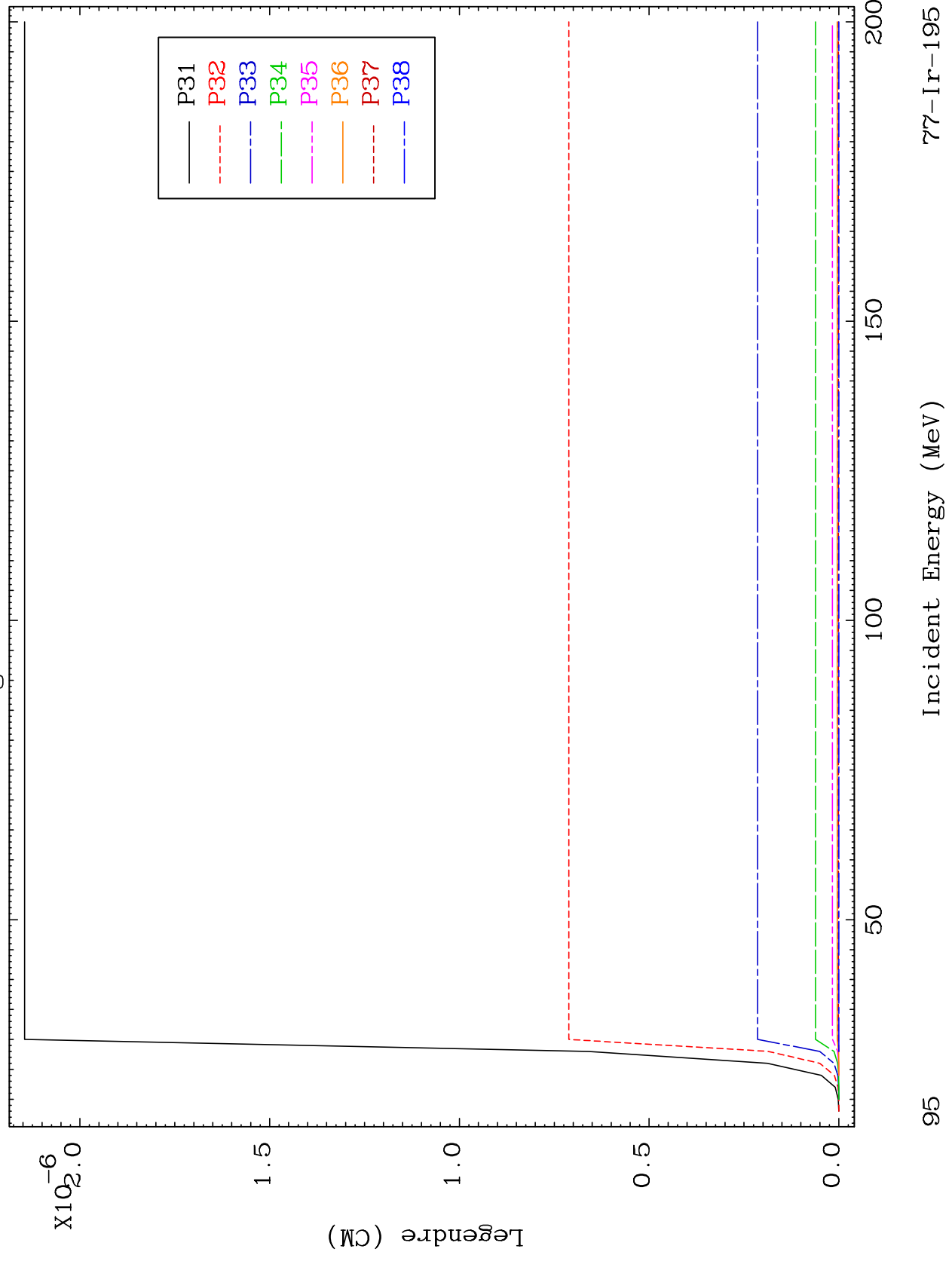
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195

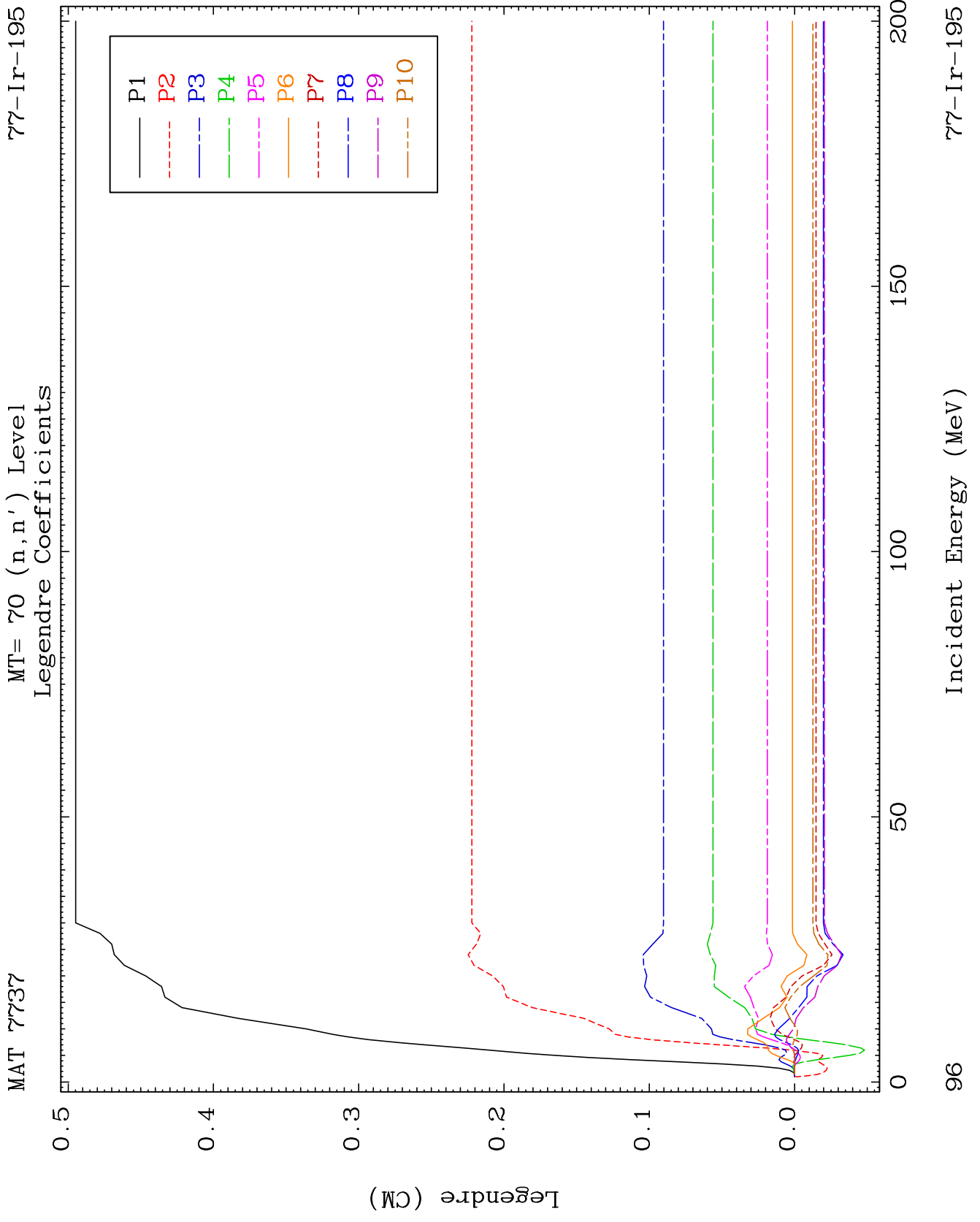


77-Ir-195

Incident Energy (MeV)

95

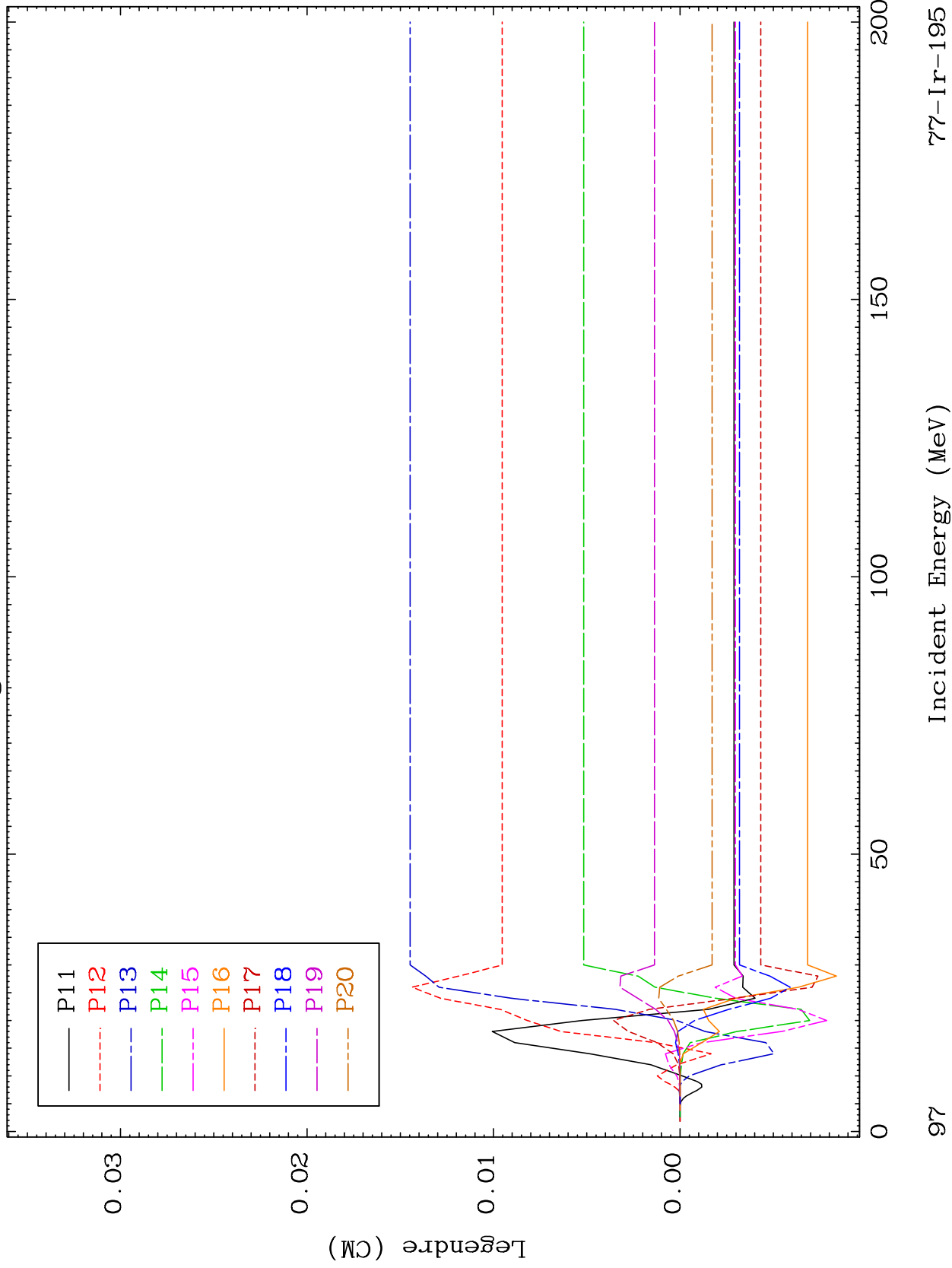




MAT 7737

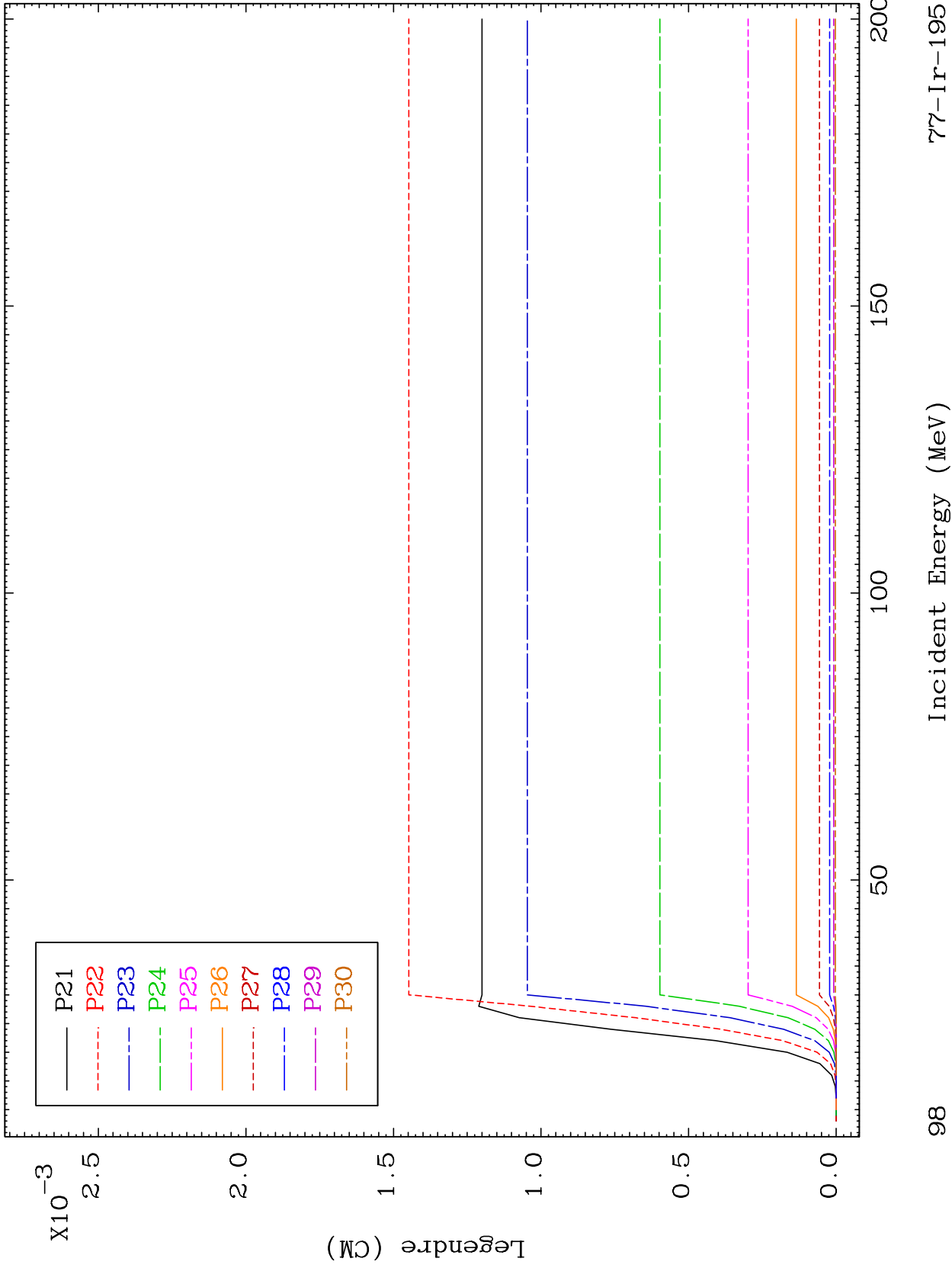
77-Ir-195

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



97

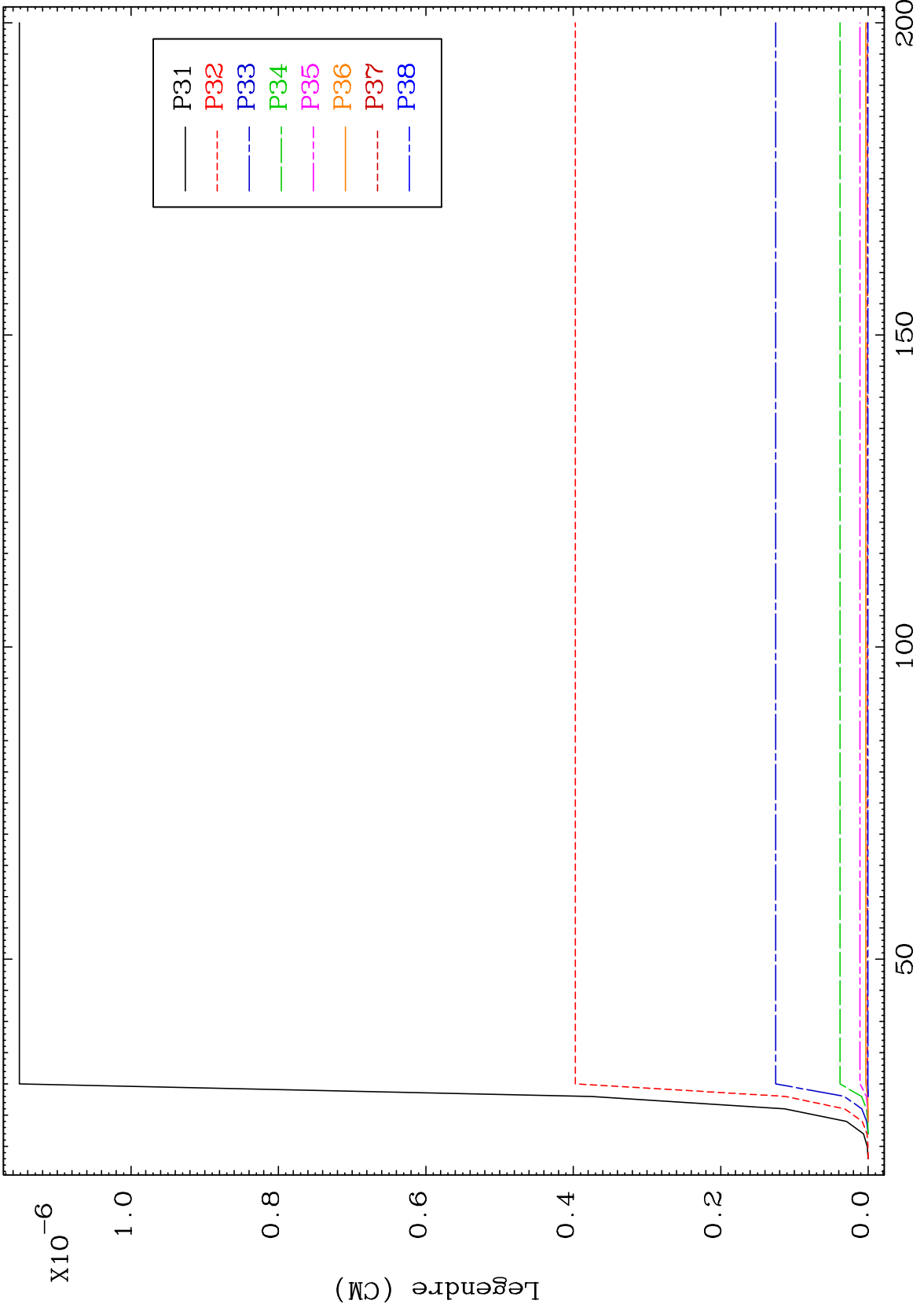
77-Ir-195



MAT 7737

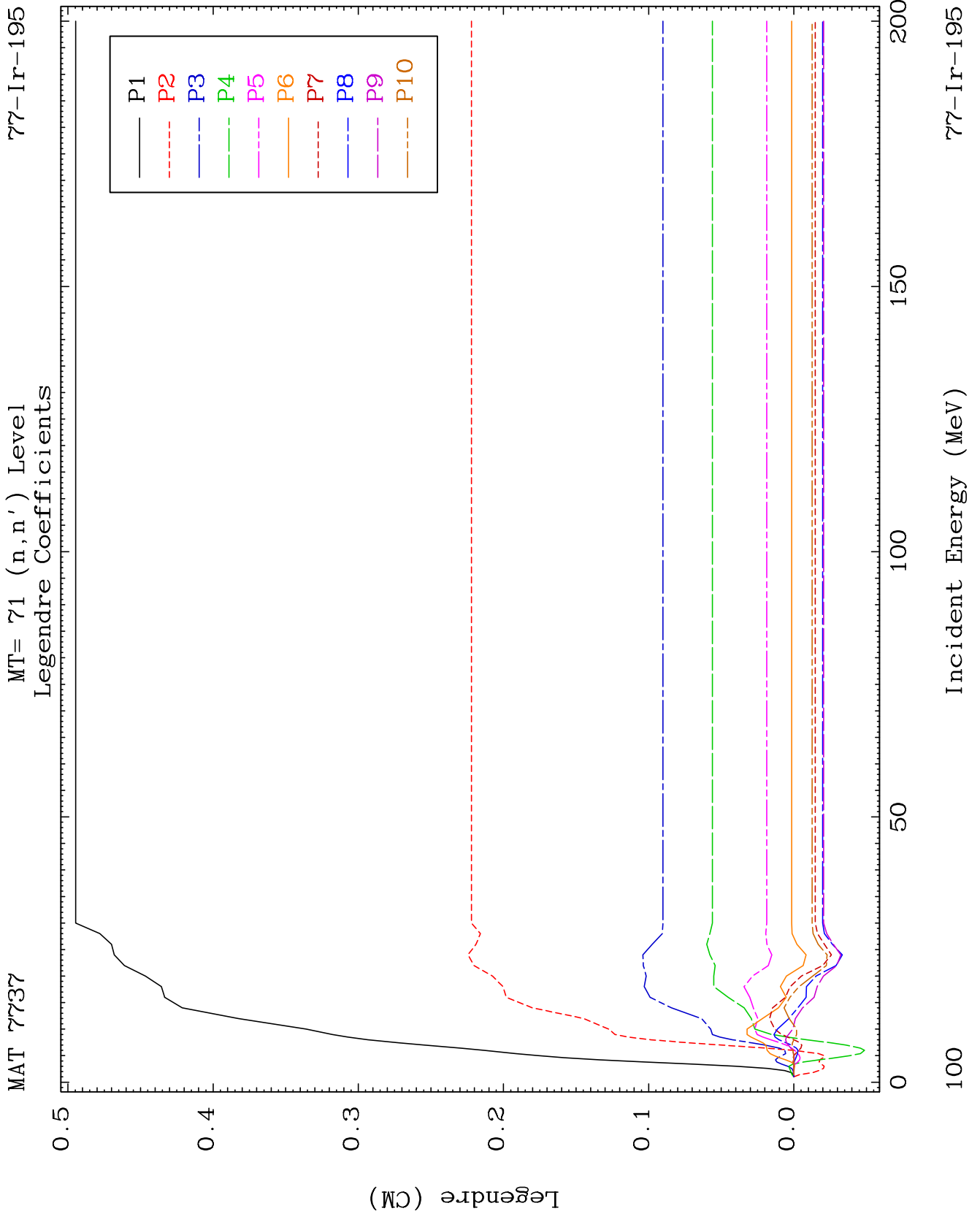
MT= 70 (n,n') Level  
Legendre Coefficients

77-Ir-195



99

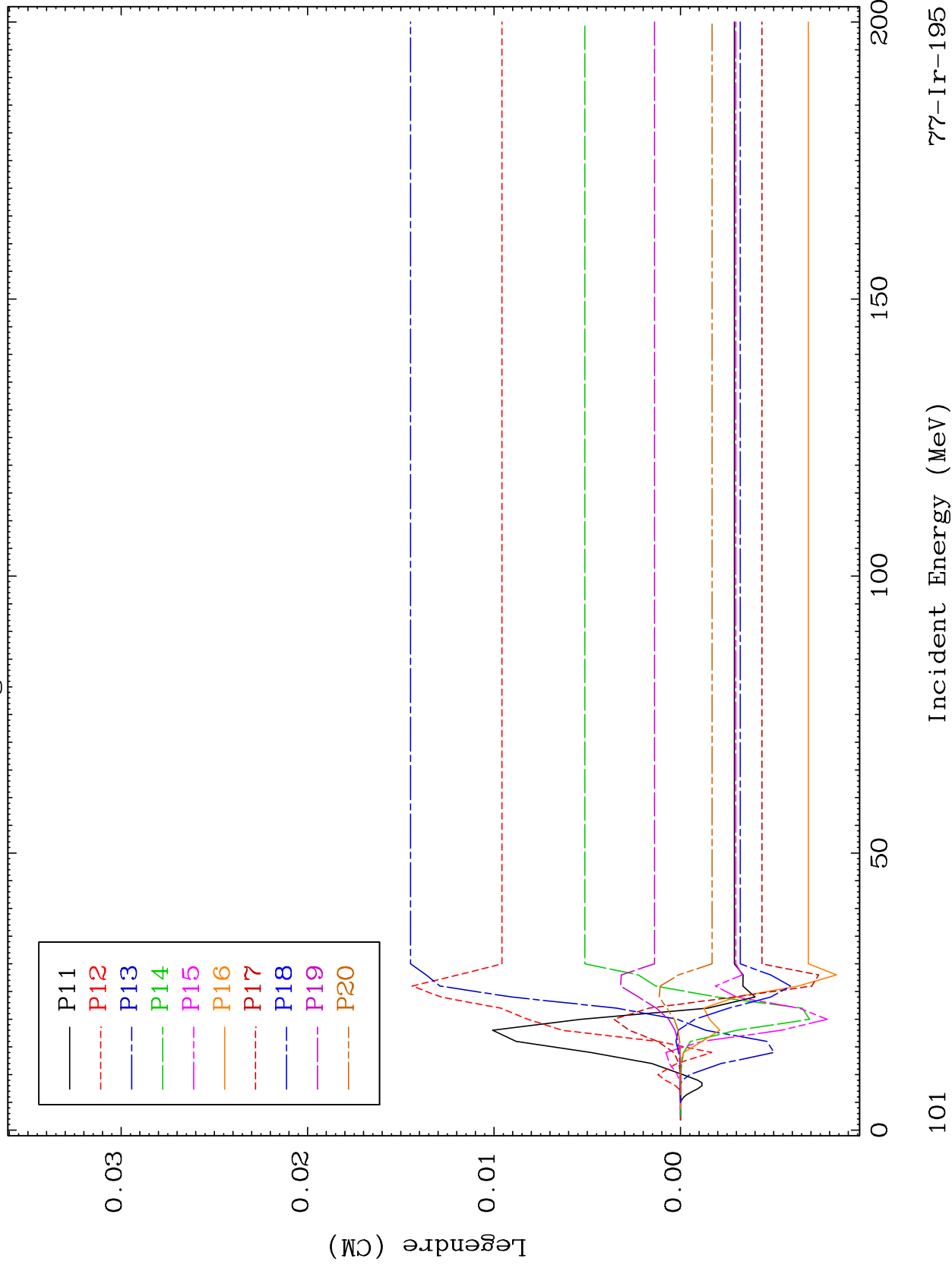
77-Ir-195



MAT 7737

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

77-Ir-195

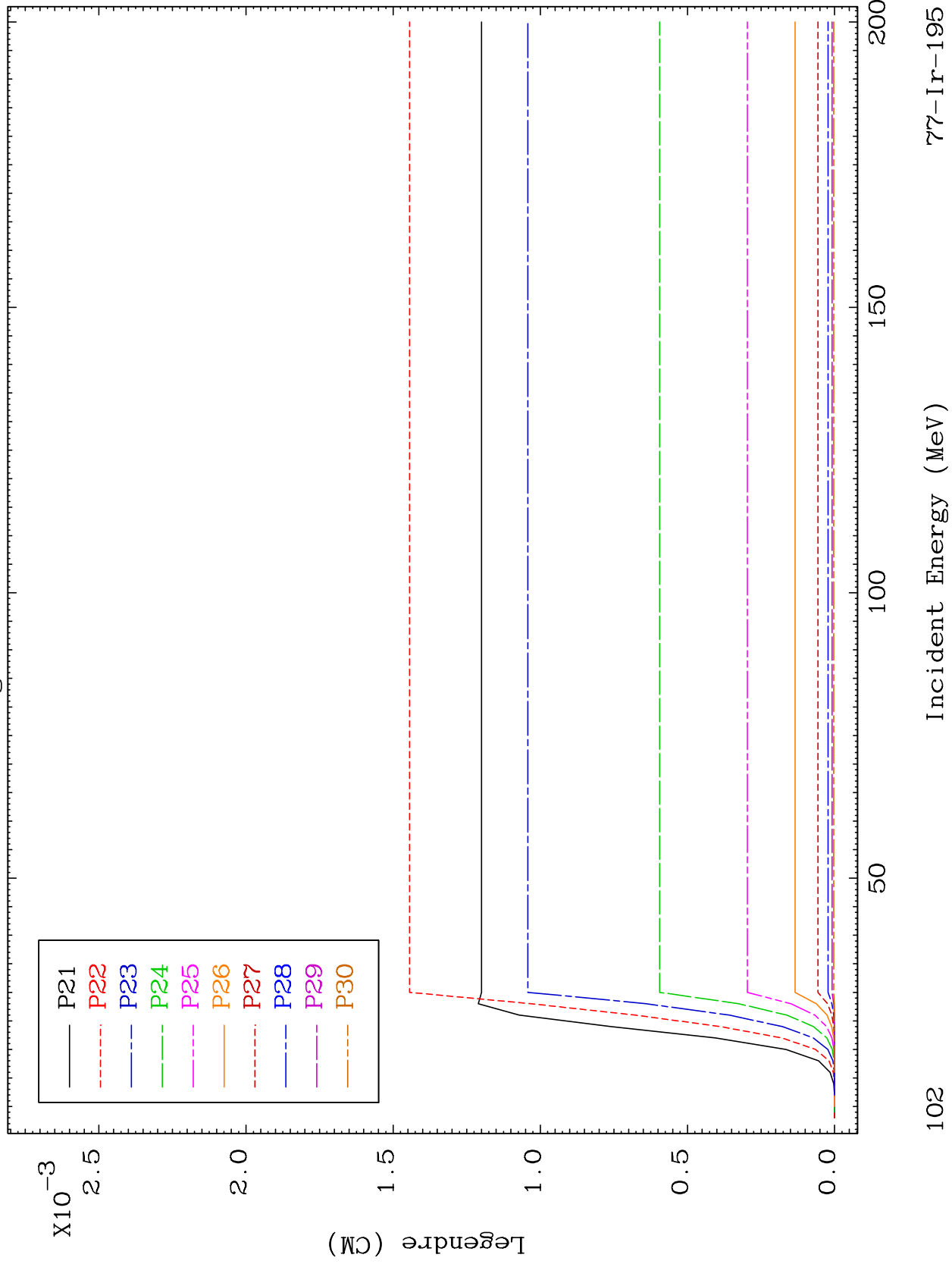


101

MAT 7737

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

77-Ir-195



102

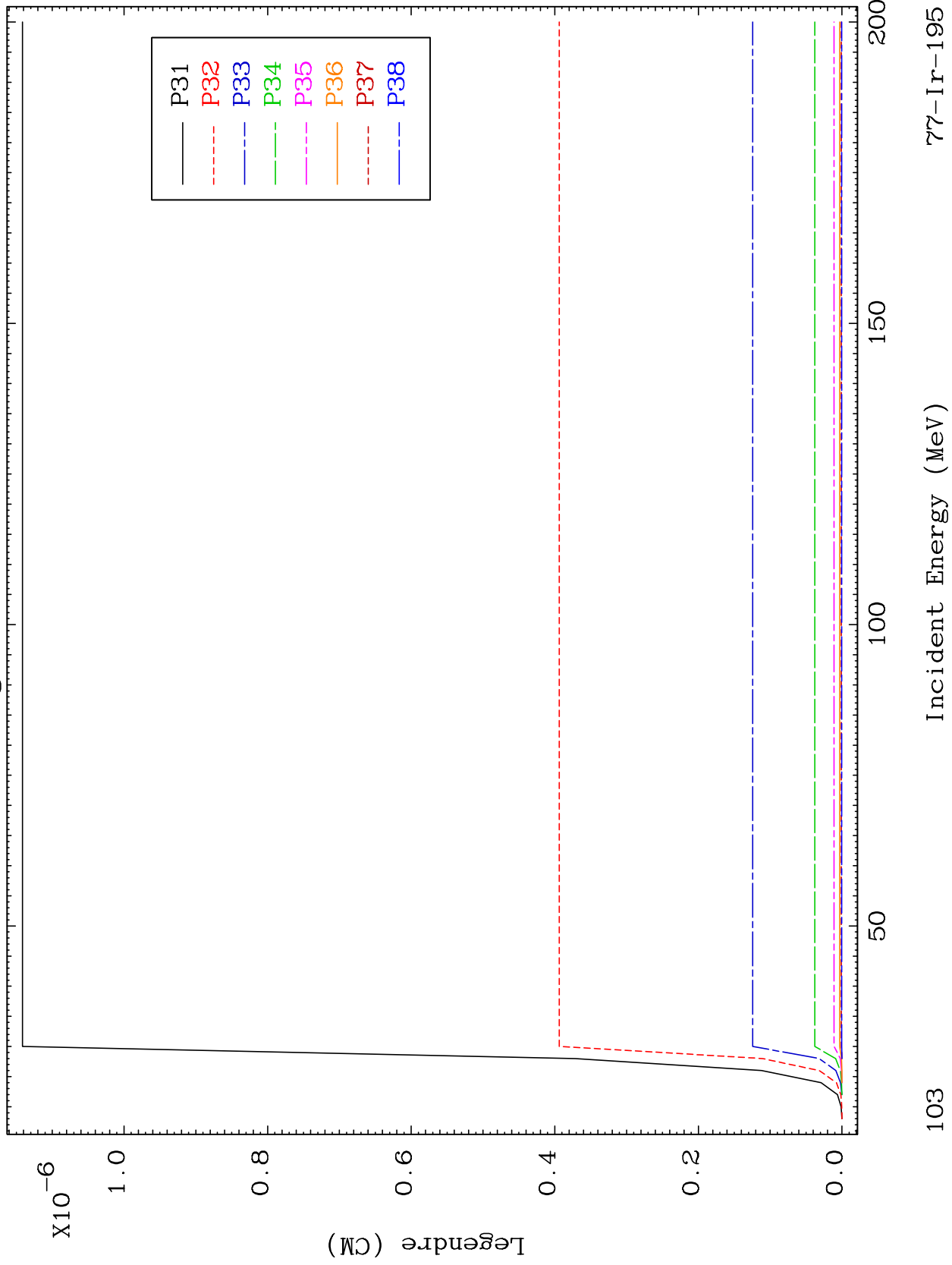
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



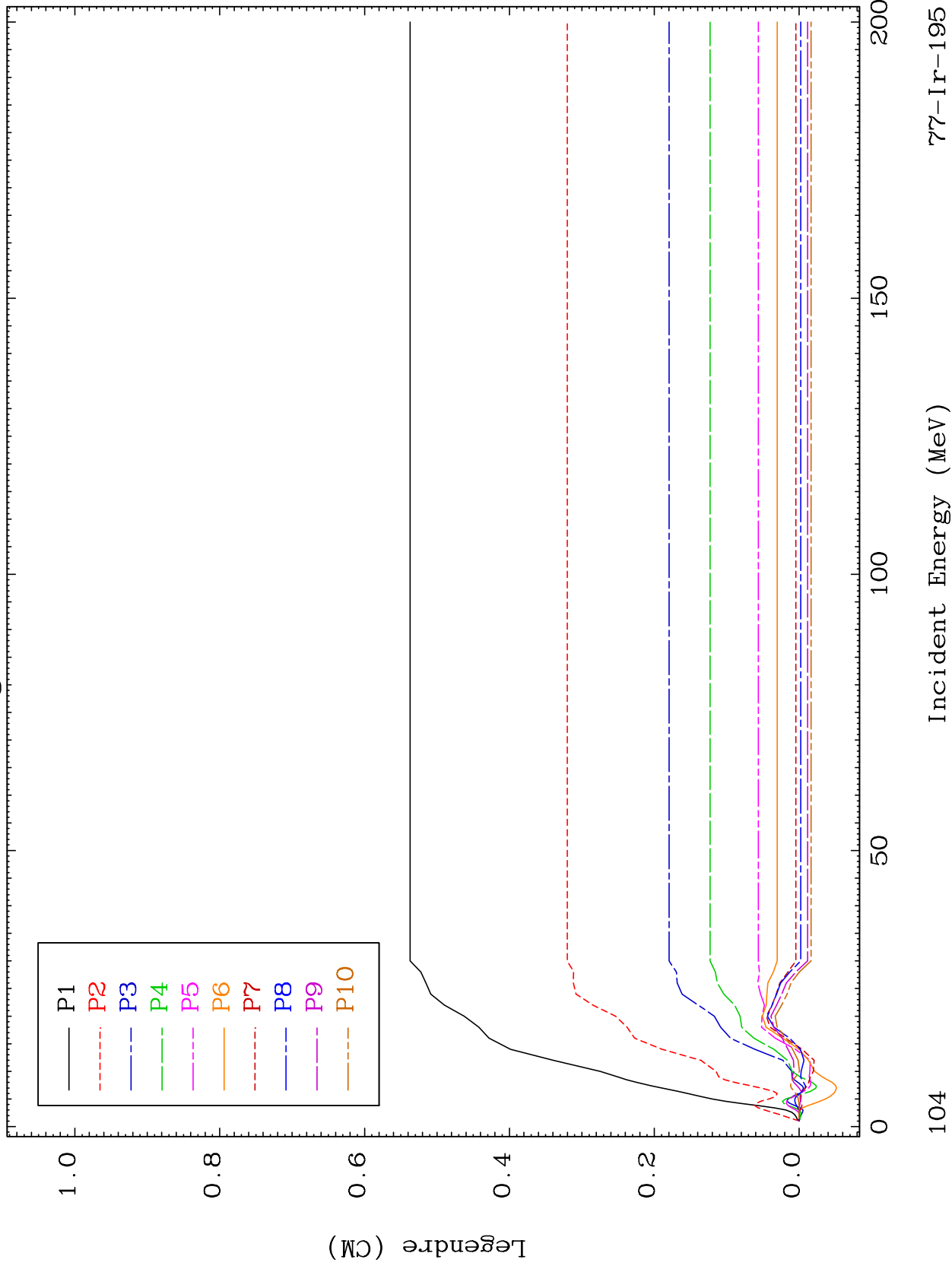
103



MAT 7737

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

77-Ir-195



104

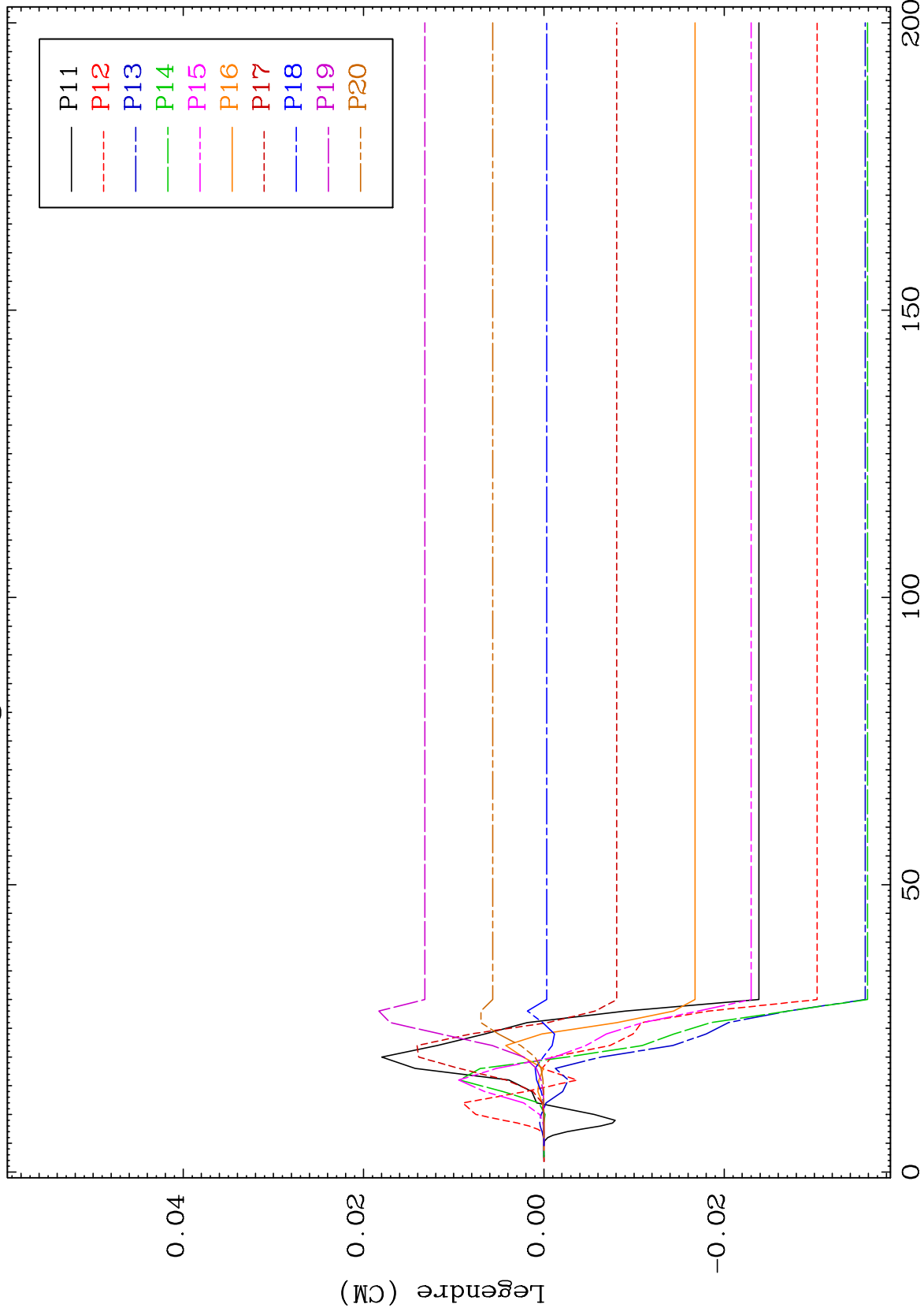
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



105

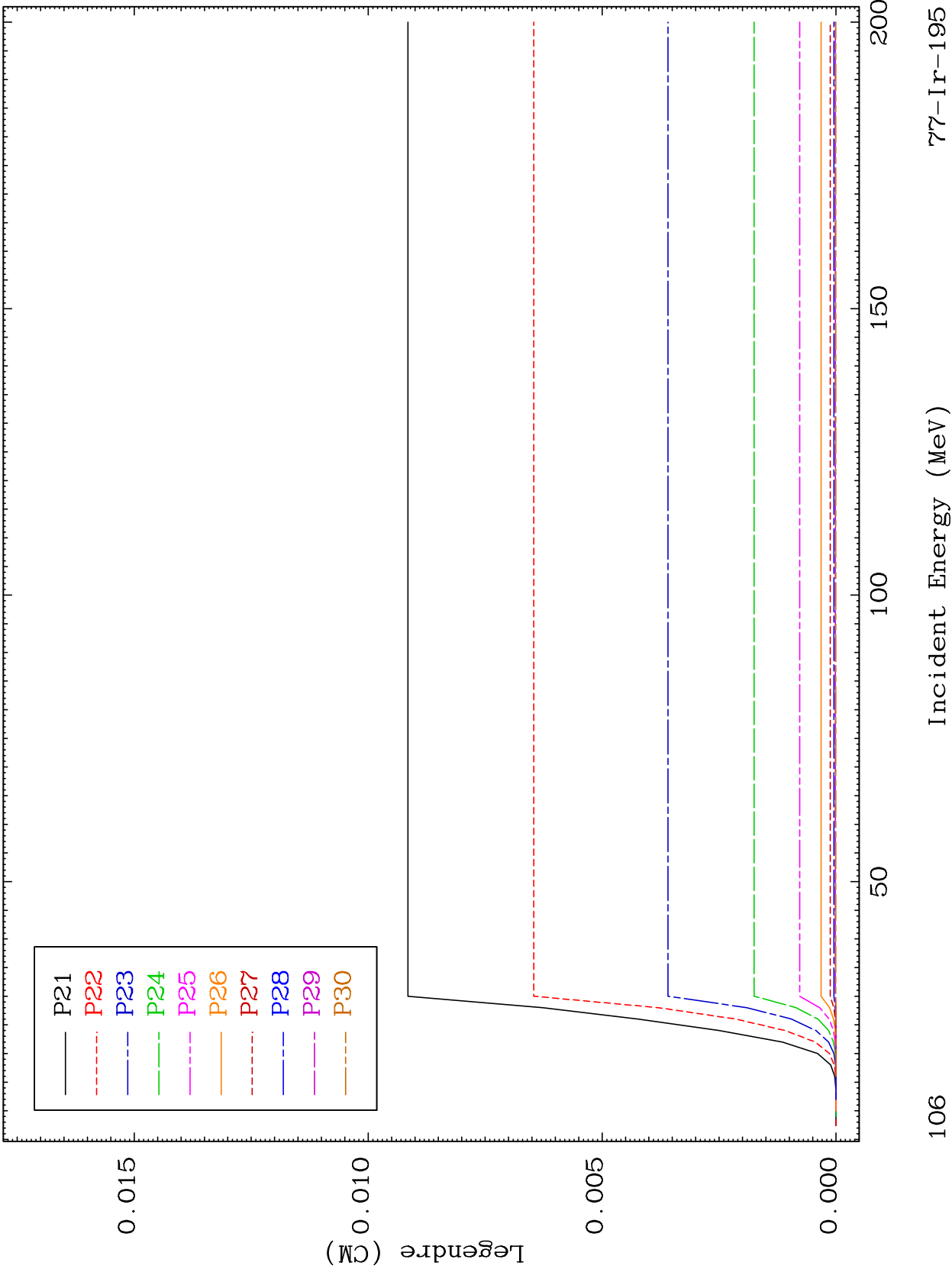
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



106

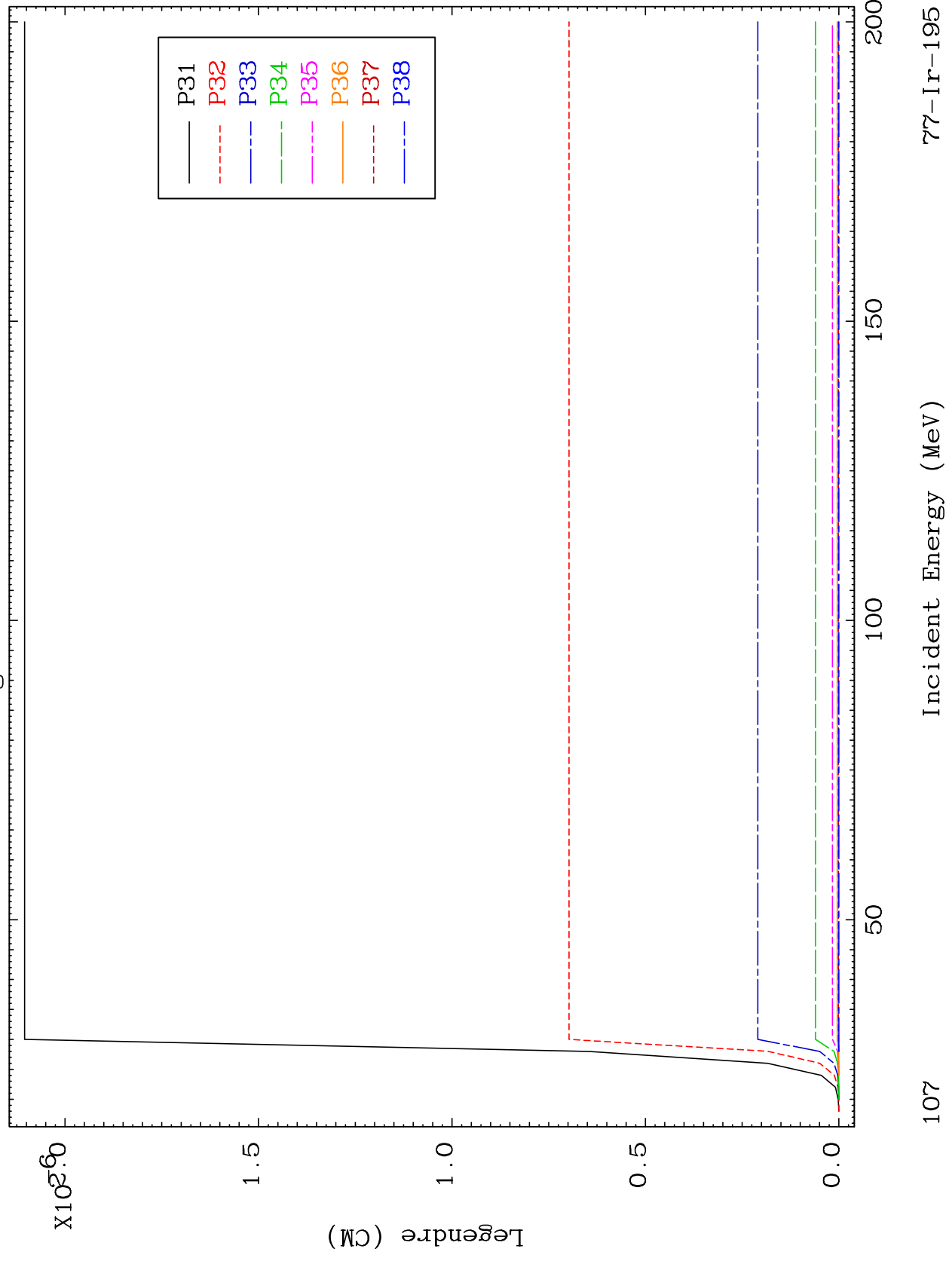
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

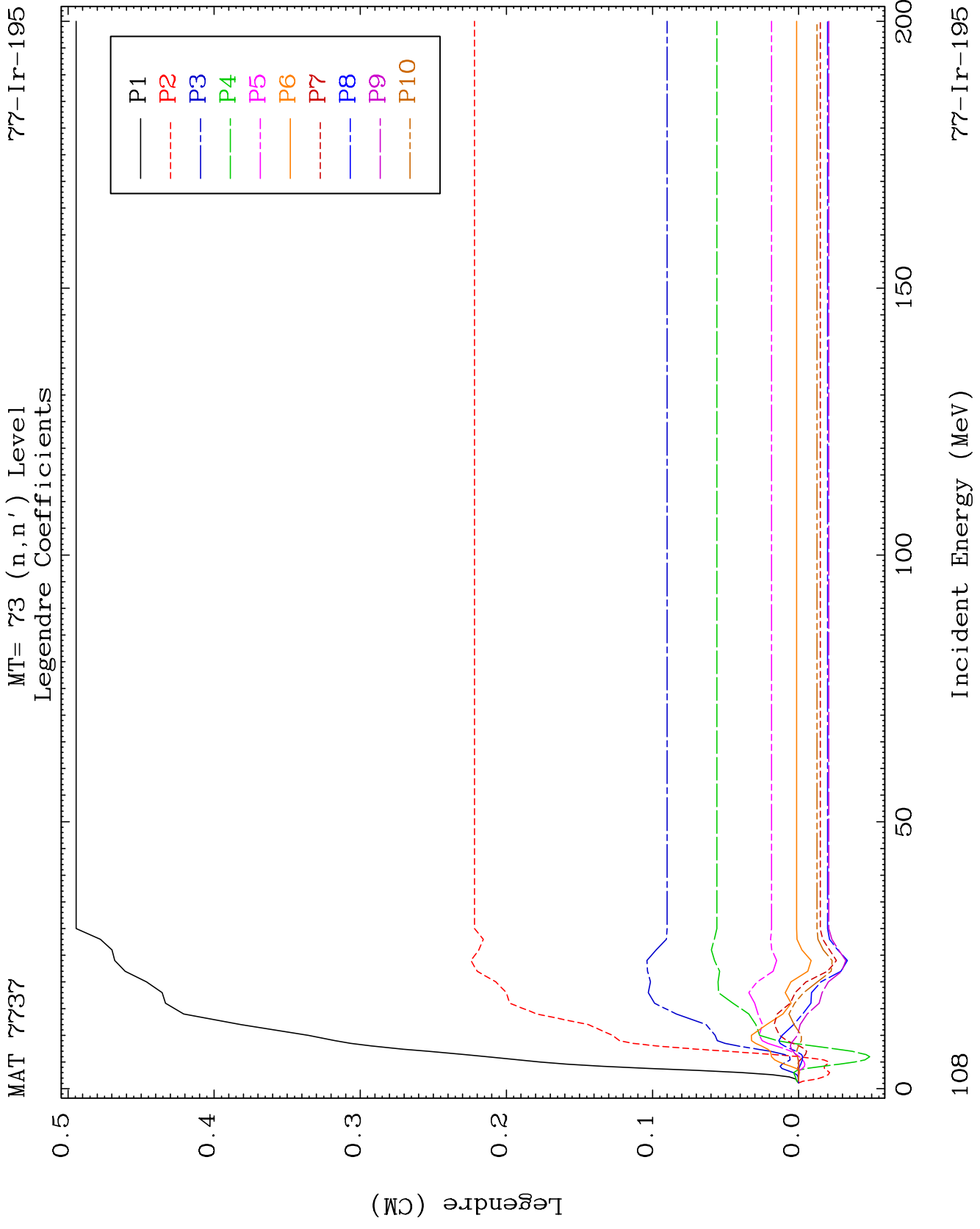
77-Ir-195



107

Incident Energy (MeV)

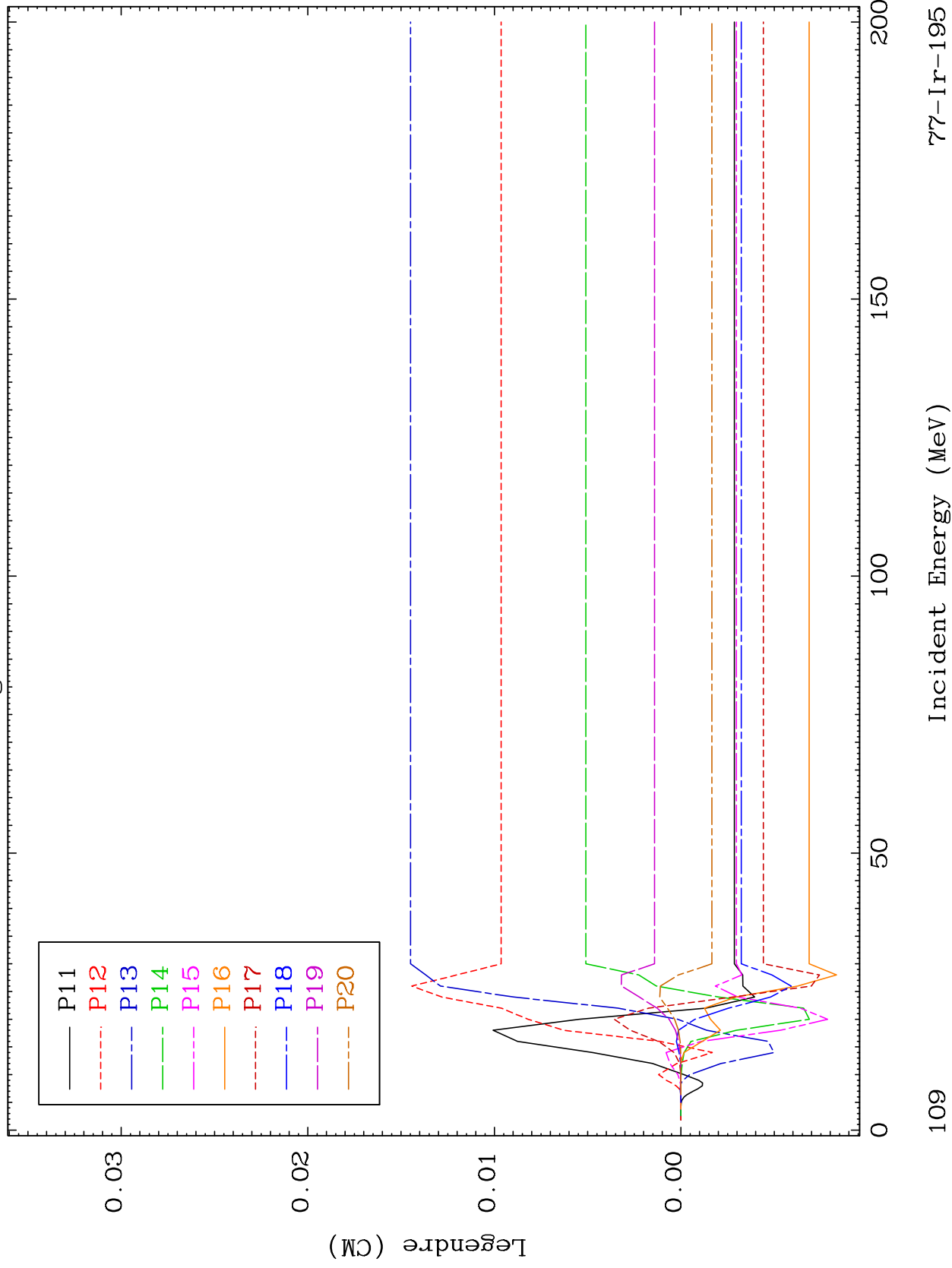
77-Ir-195



MAT 7737

77-Ir-195

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



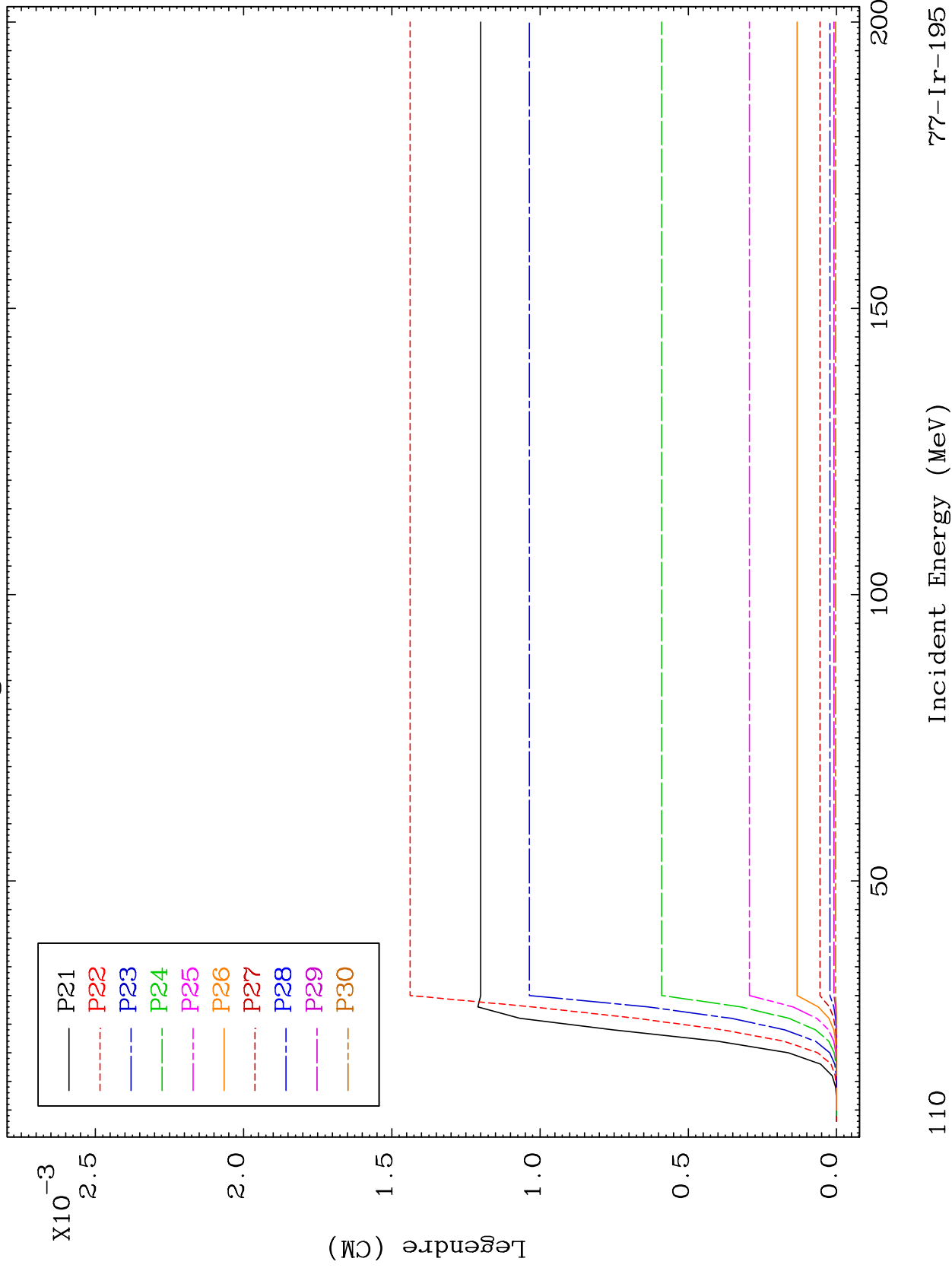
109

77-Ir-195

MAT 7737

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

77-Ir-195



110

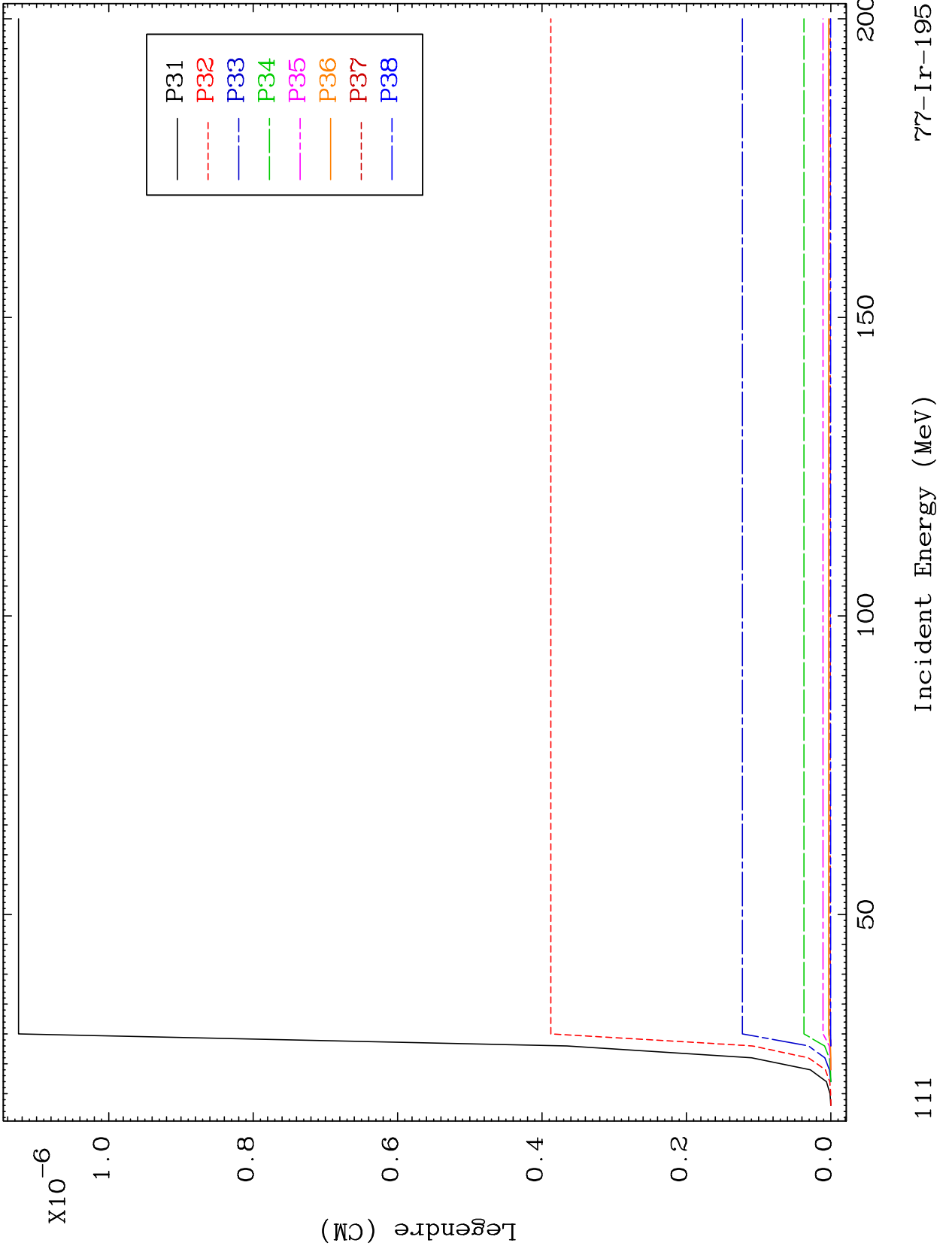
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195

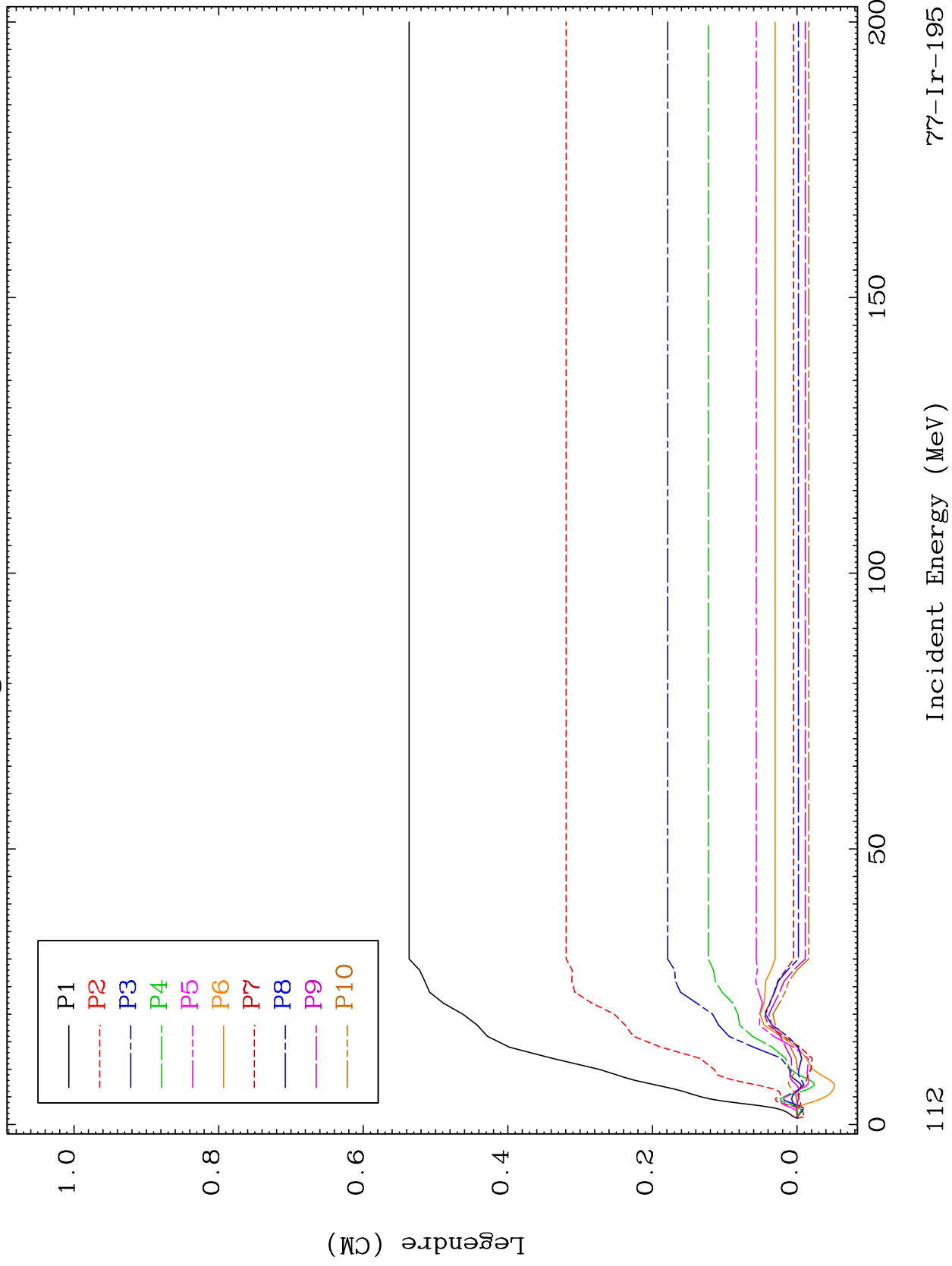




MAT 7737

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

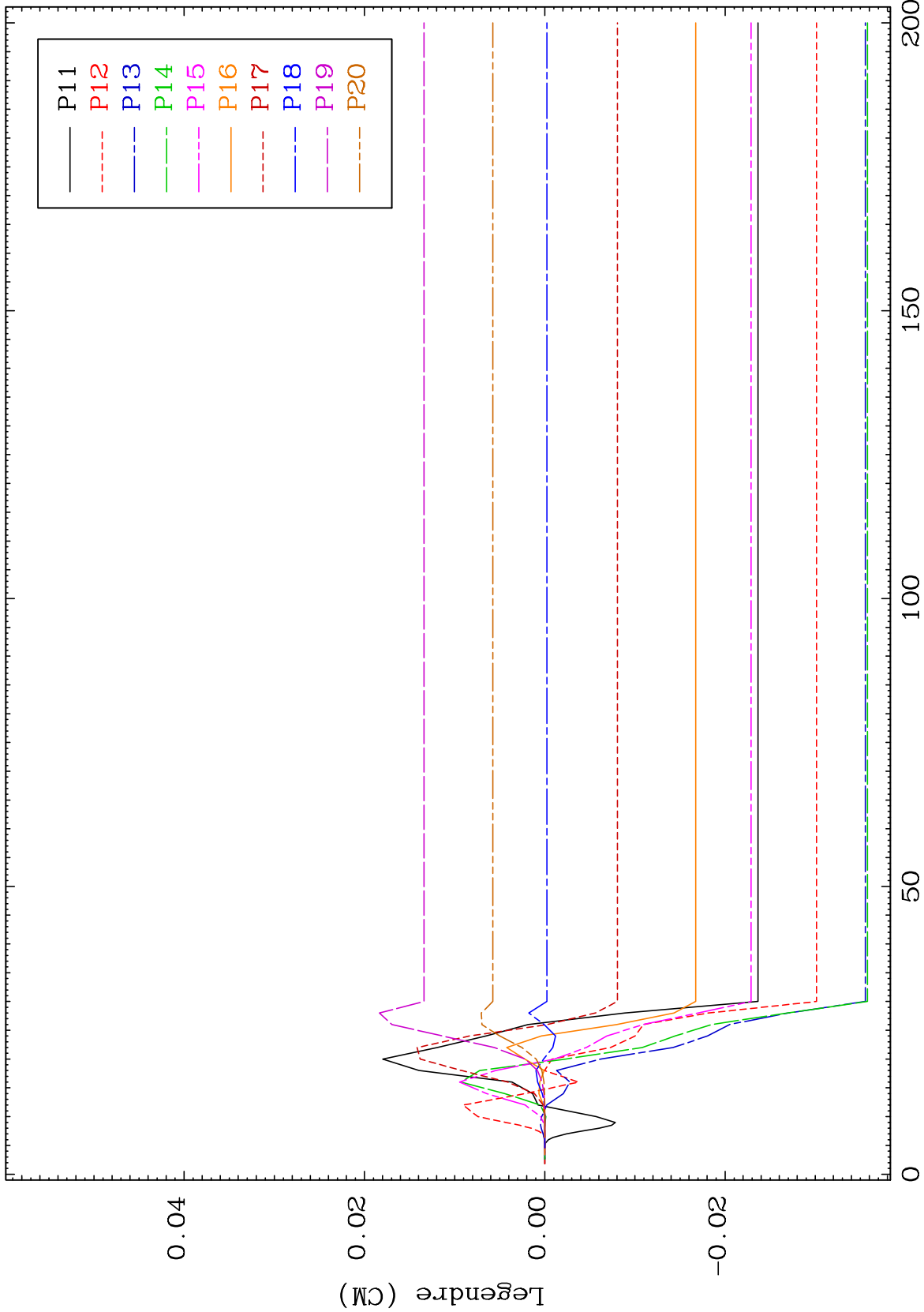
77-Ir-195



MAT 7737

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

77-Ir-195



113

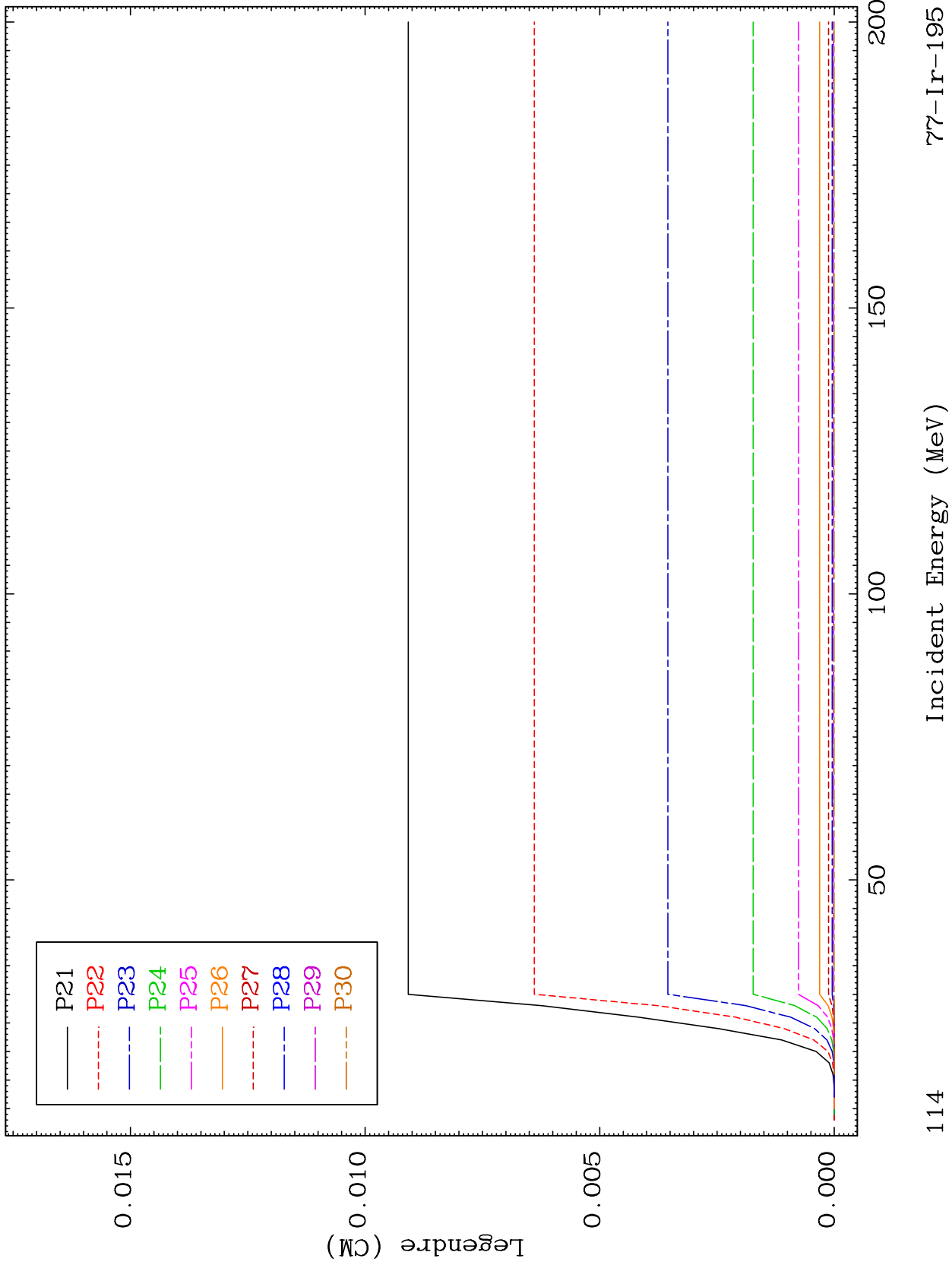
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



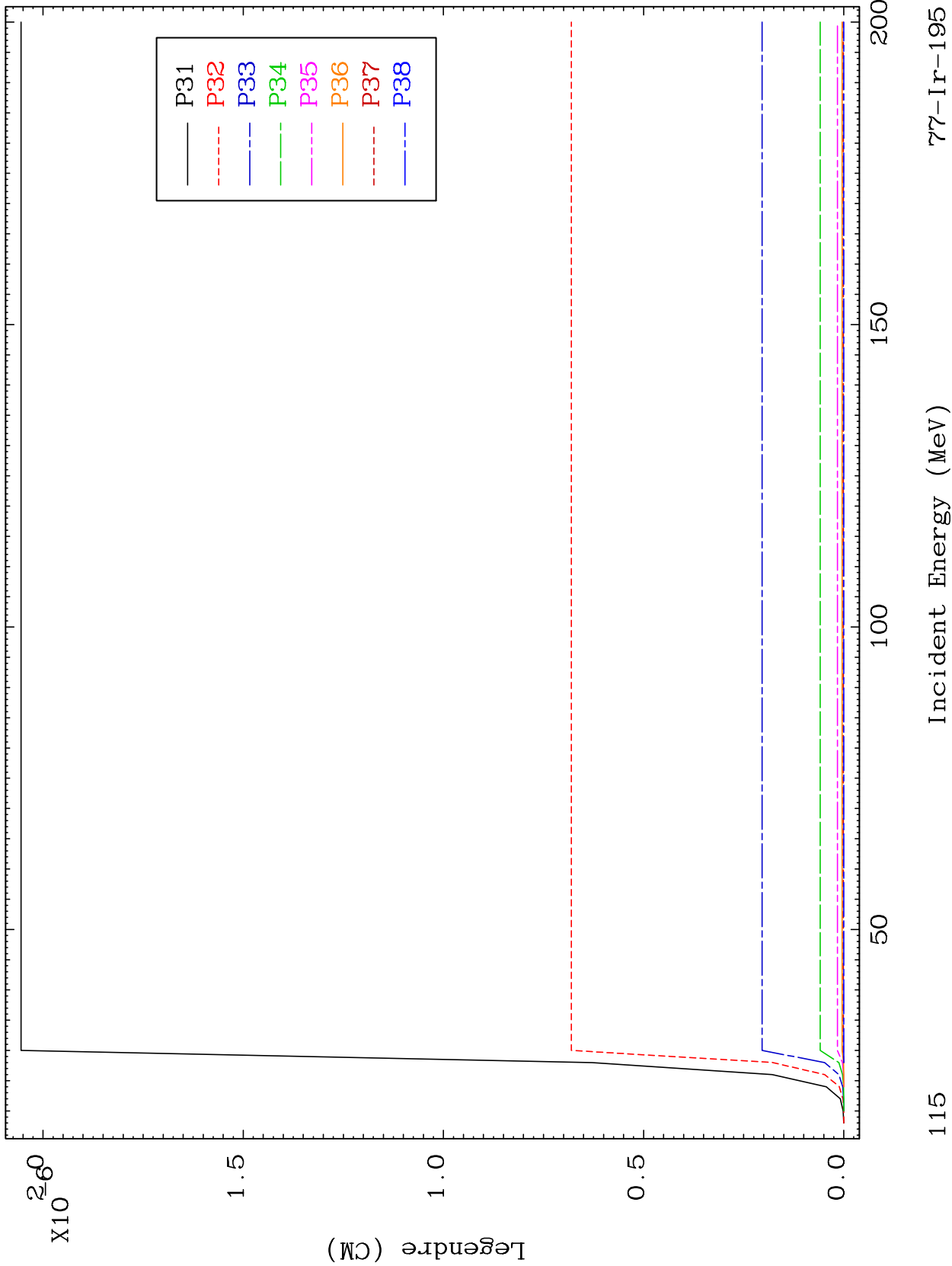
114

77-Ir-195

MAT 7737

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

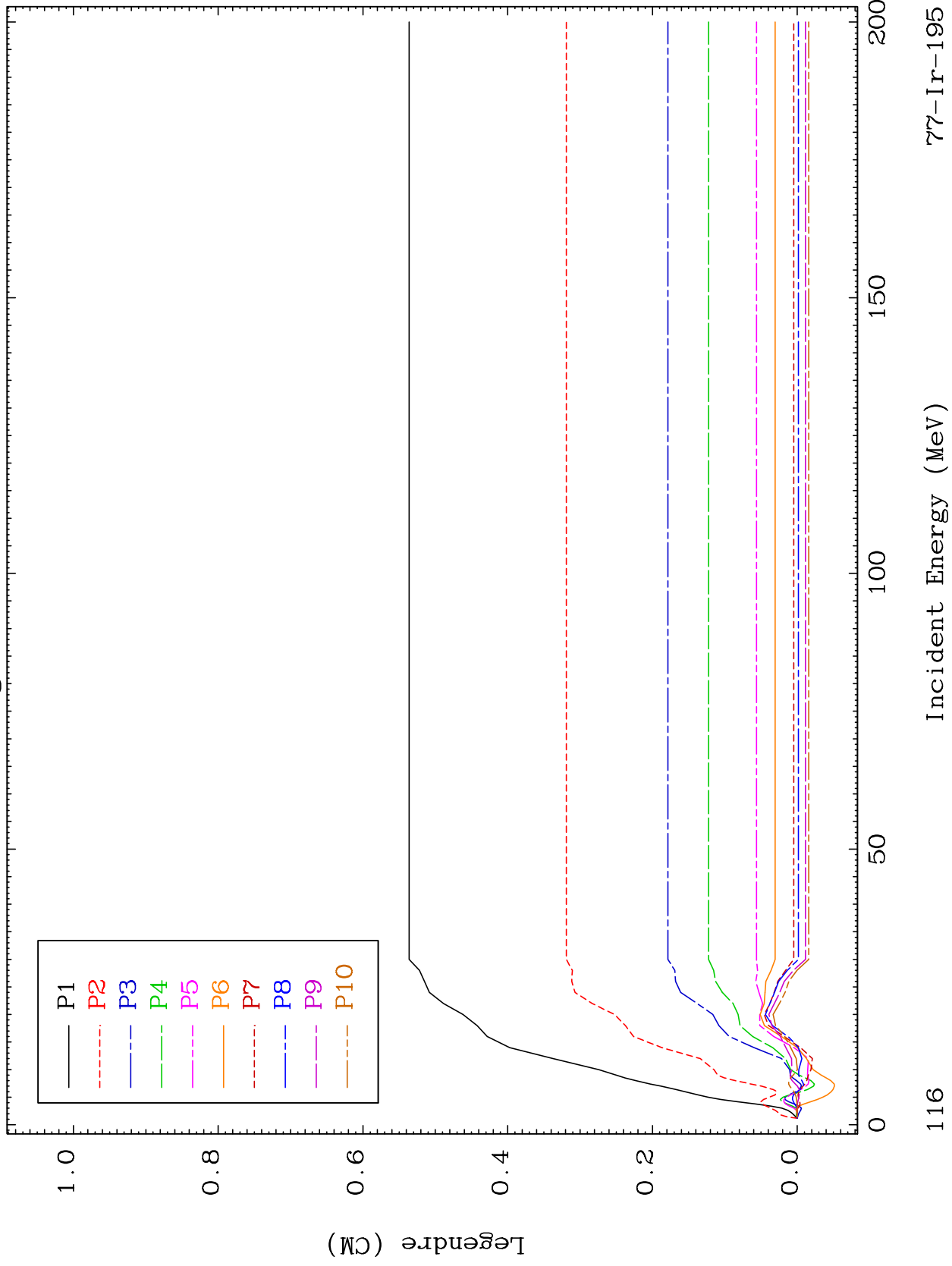
77-Ir-195



MAT 7737

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

77-Ir-195



116

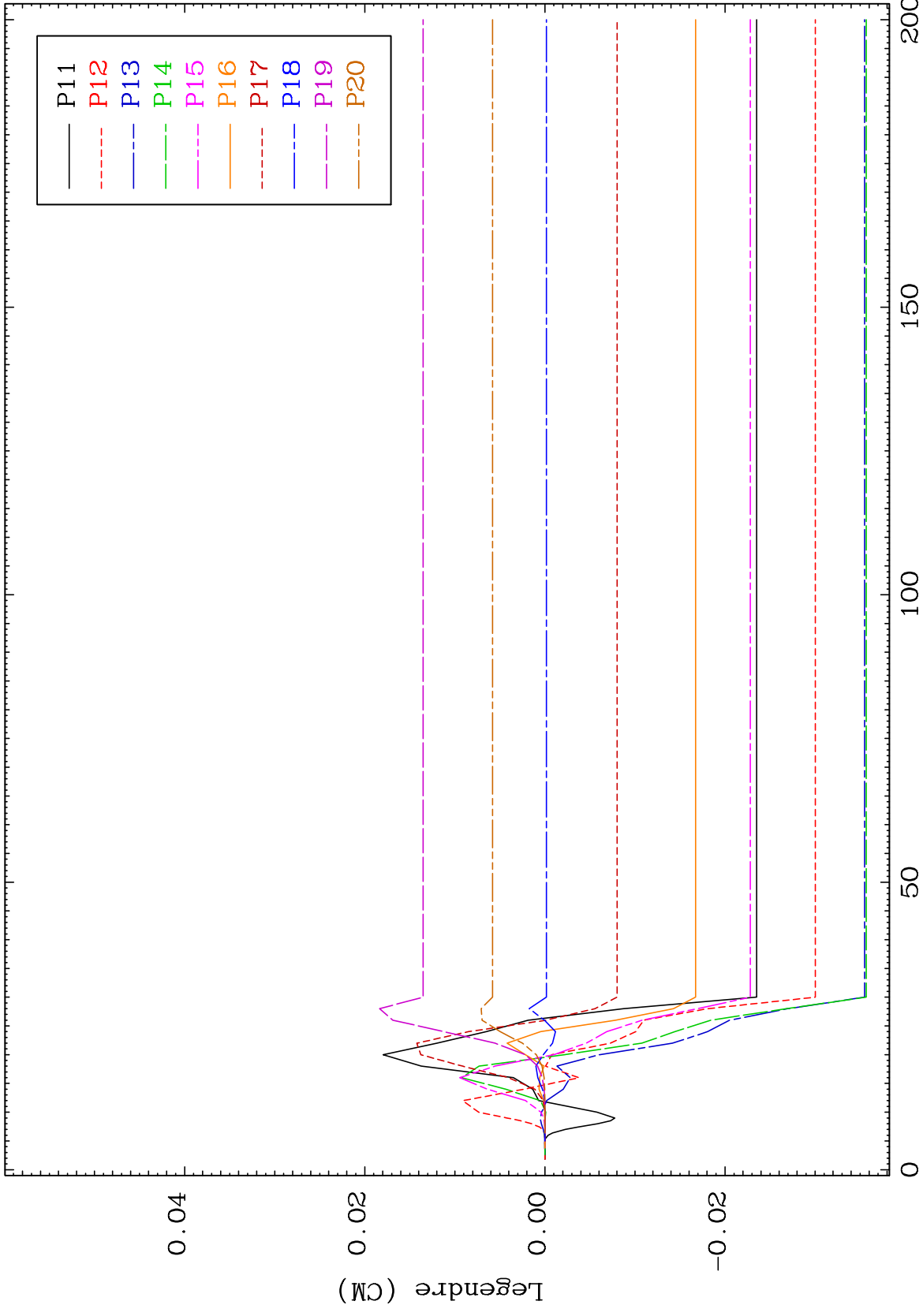
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



117

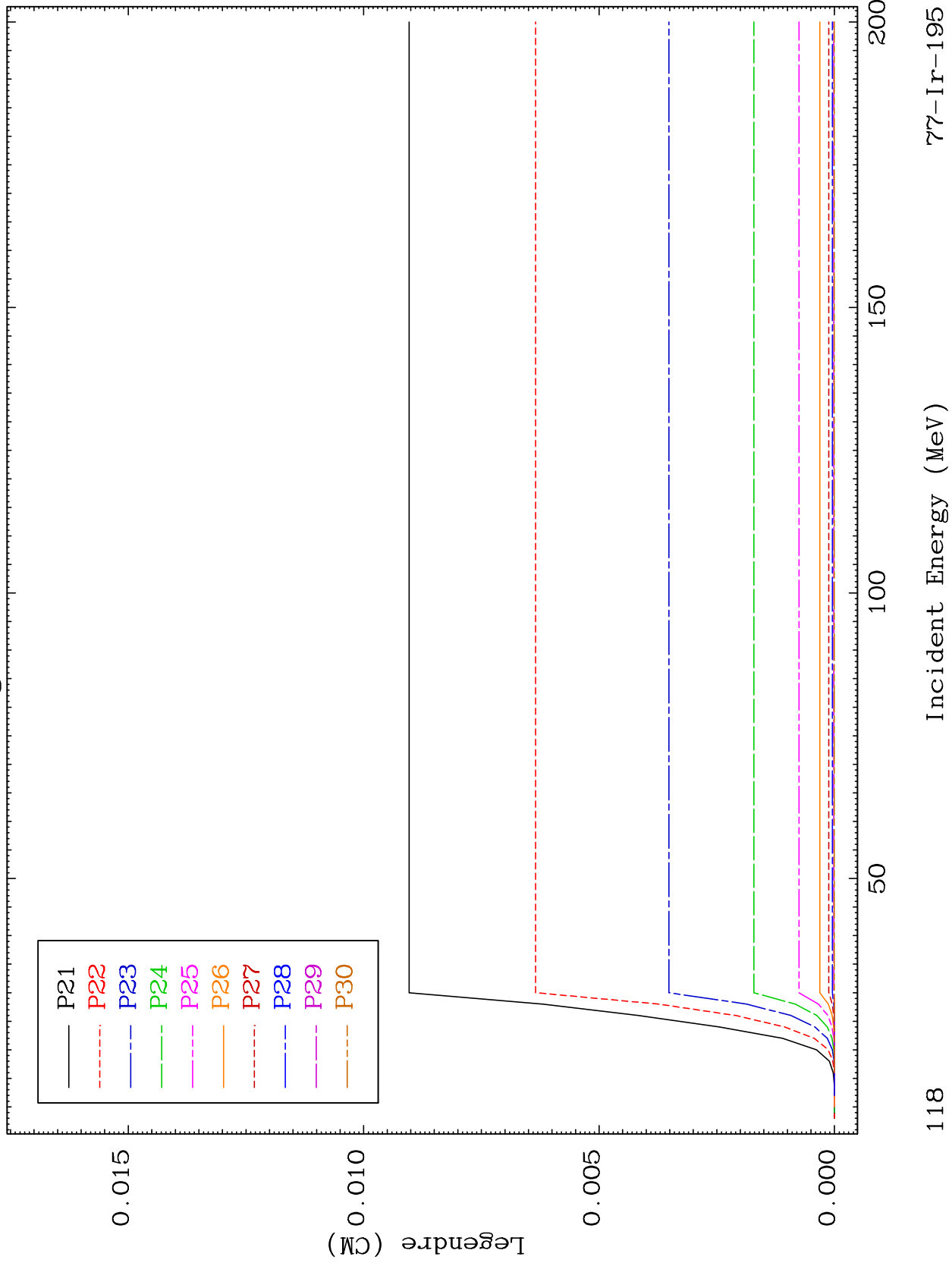
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



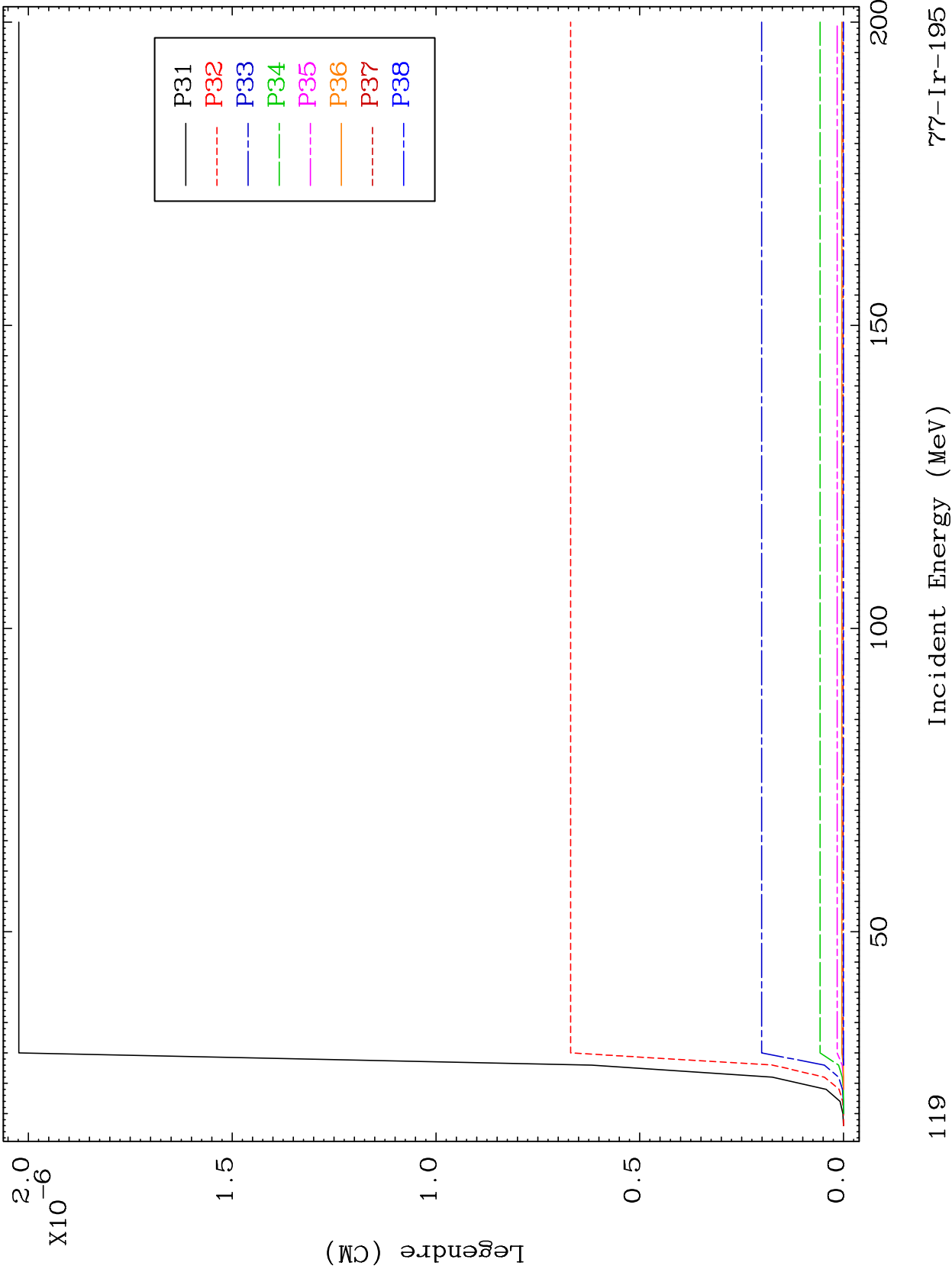
118

77-Ir-195

MAT 7737

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

77-Ir-195



119

Incident Energy (MeV)

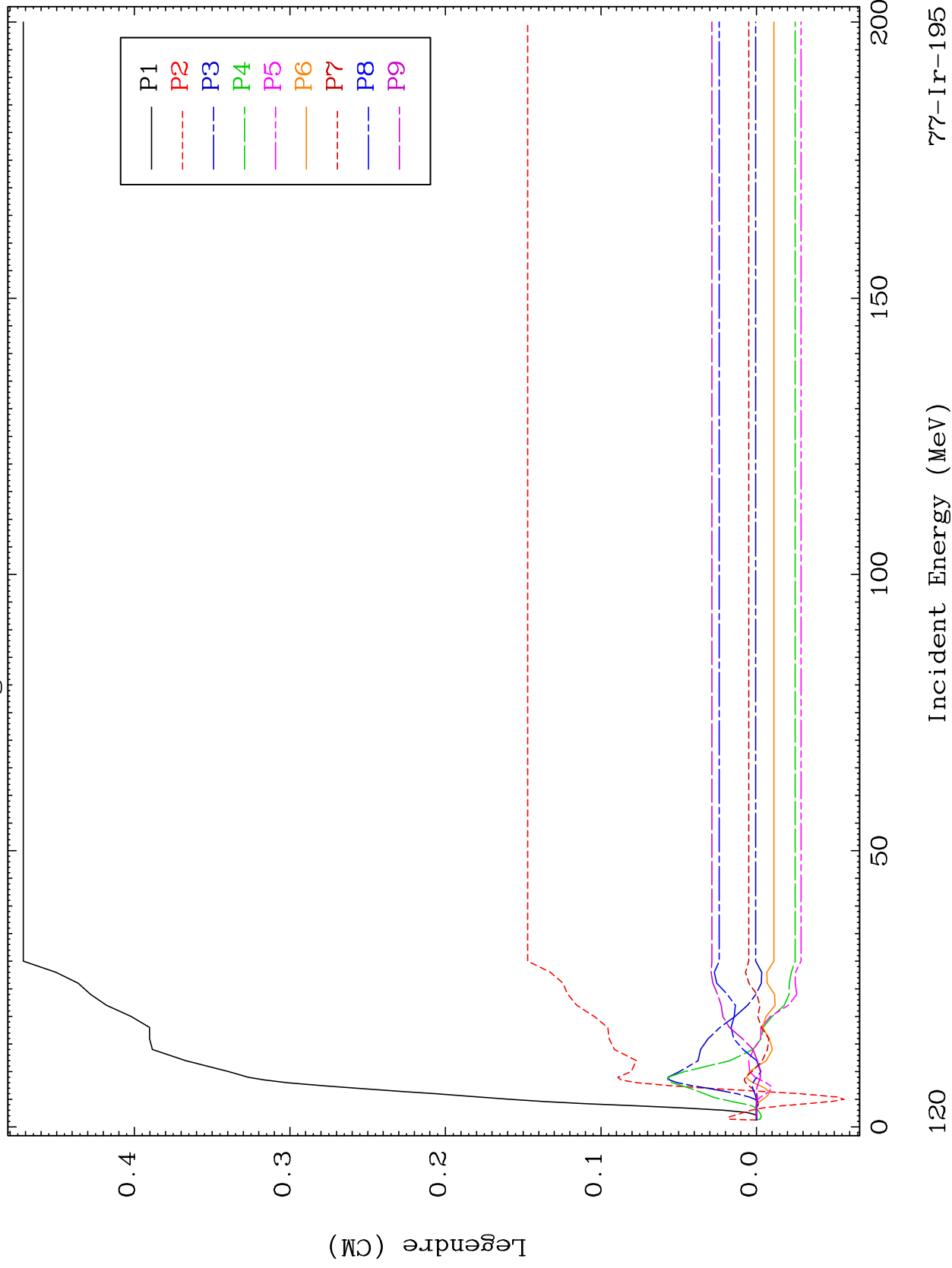
77-Ir-195



MAT 7737

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

77-Ir-195

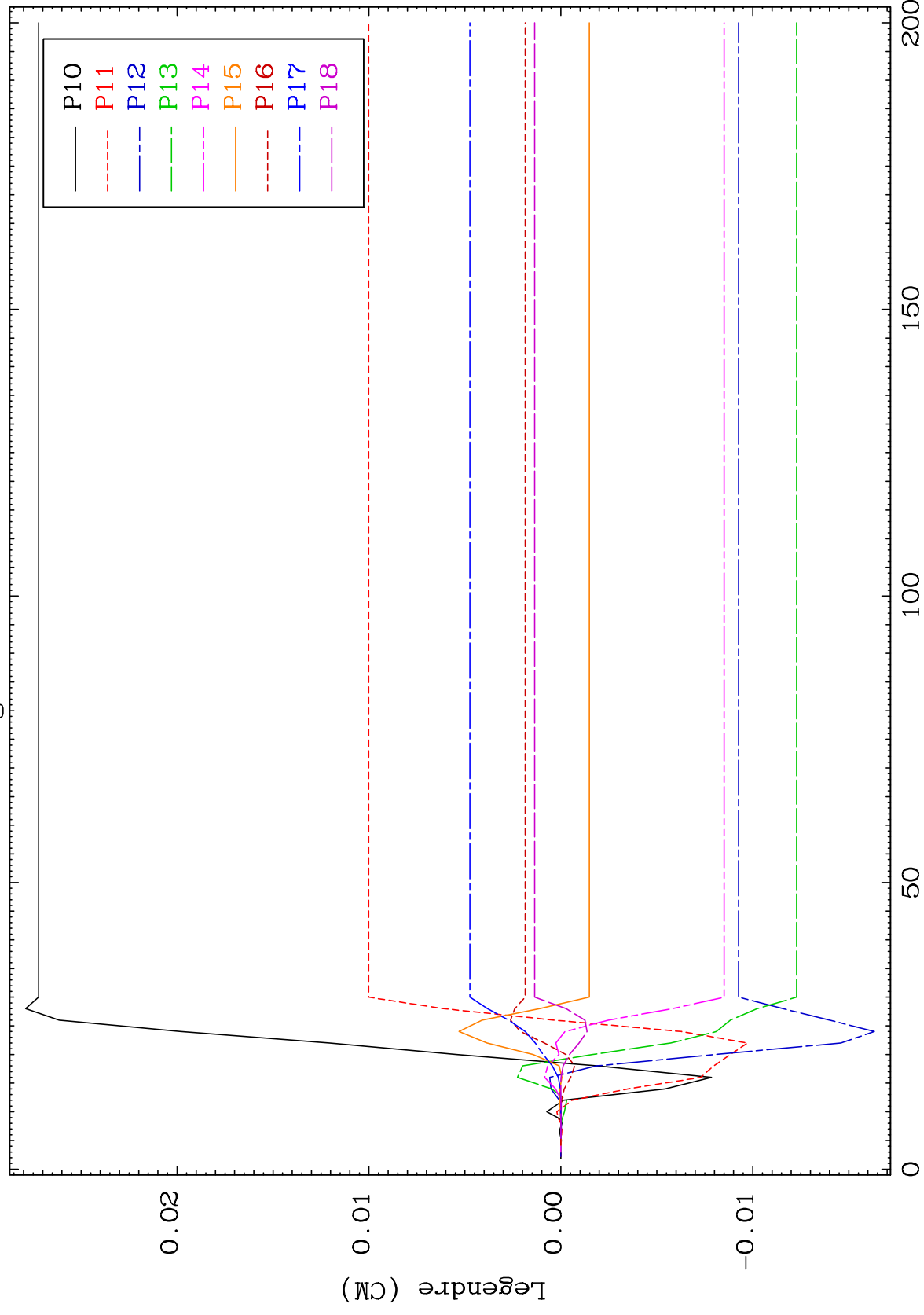


77-Ir-195

MAT 7737

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

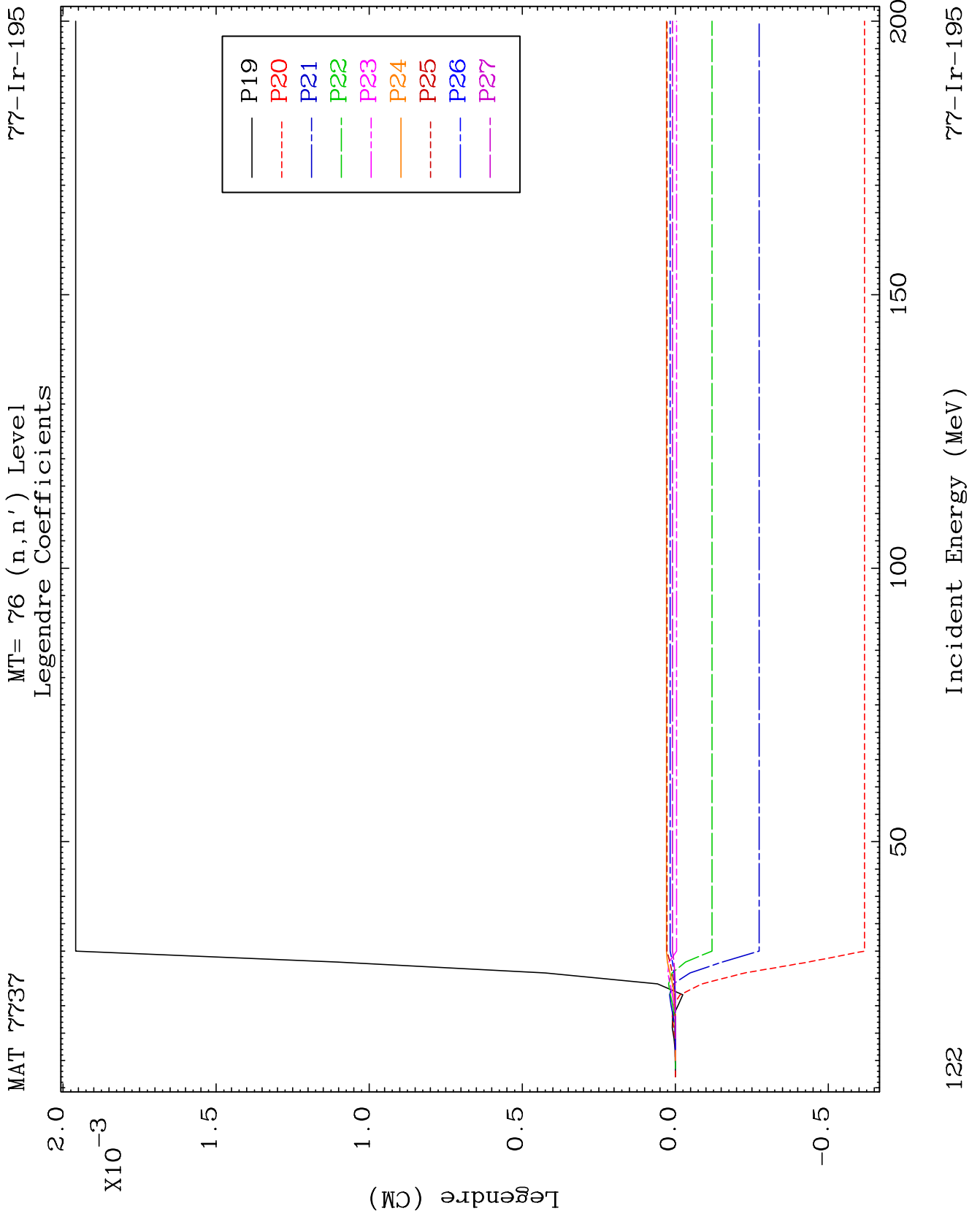
77-Ir-195



121

Incident Energy (MeV)

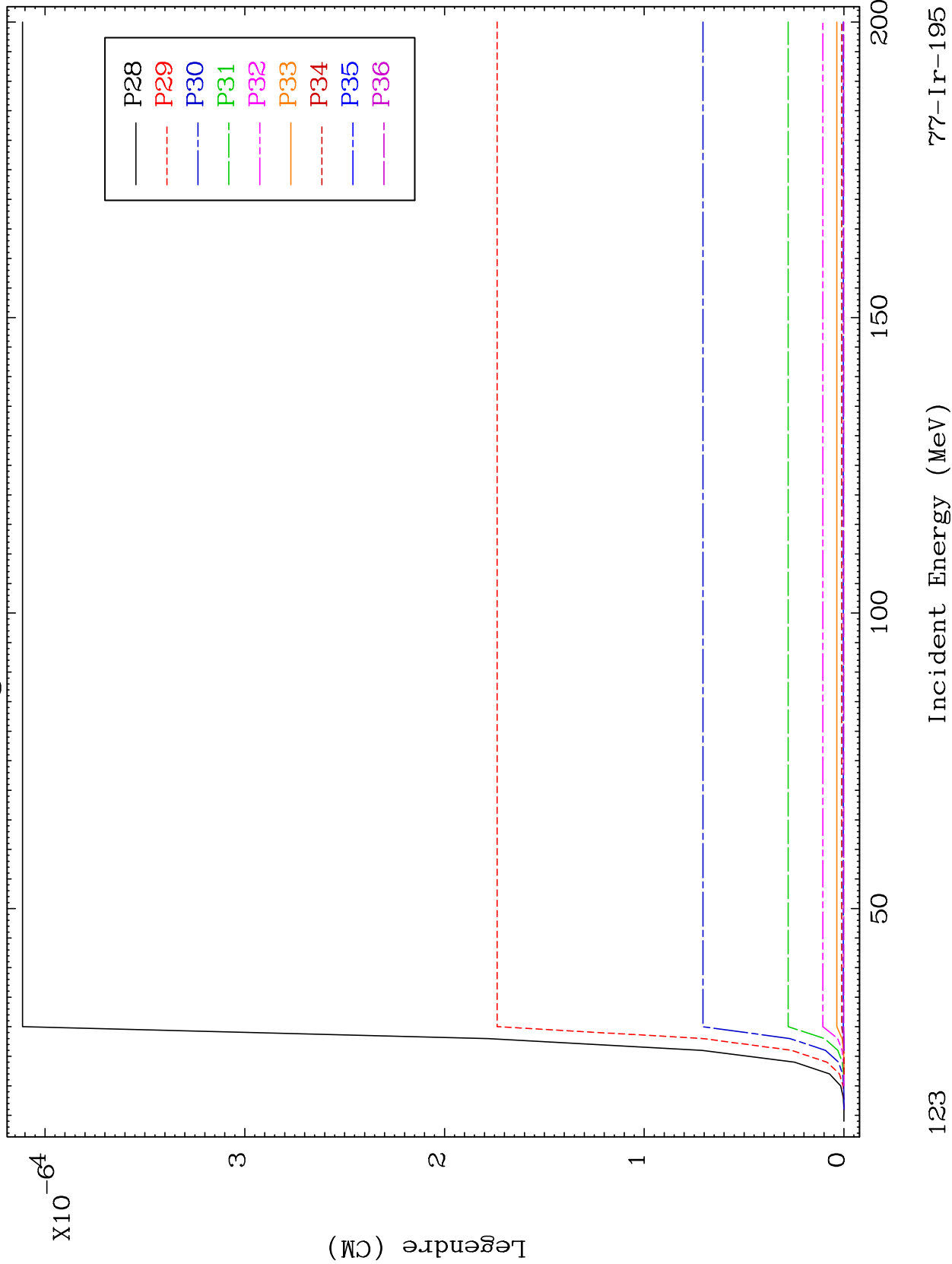
77-Ir-195



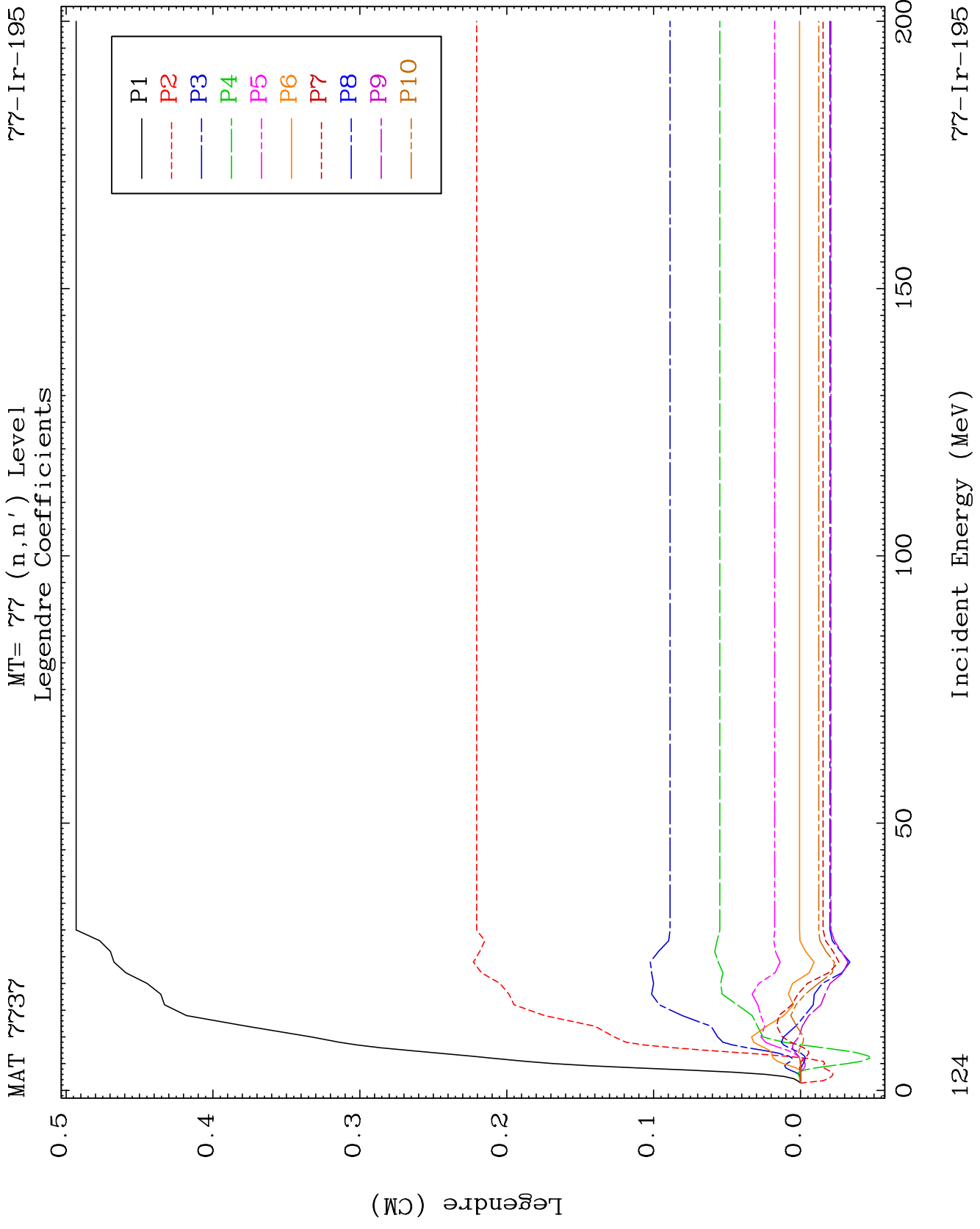
MAT 7737

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

77-Ir-195



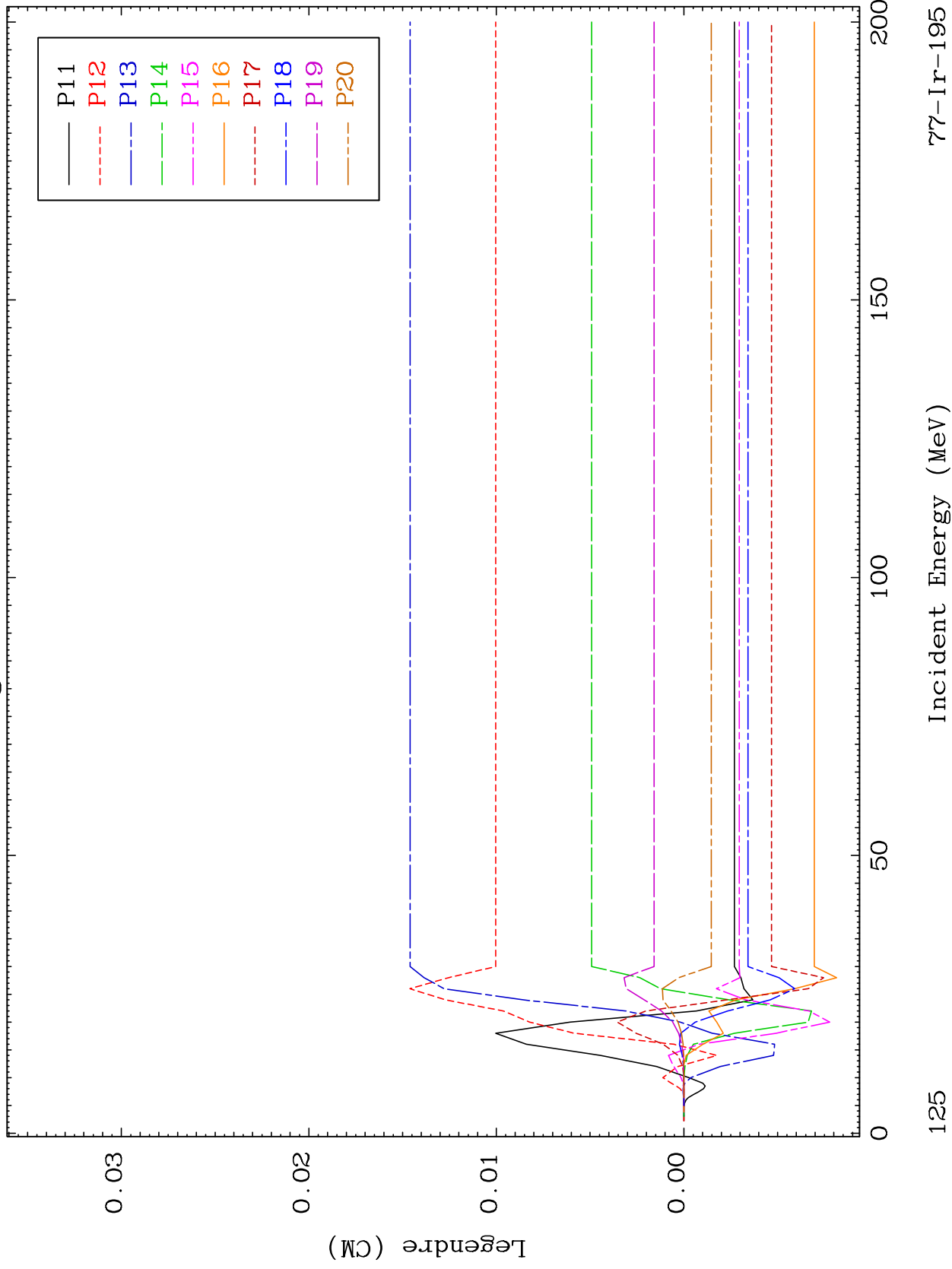
123



MAT 7737

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

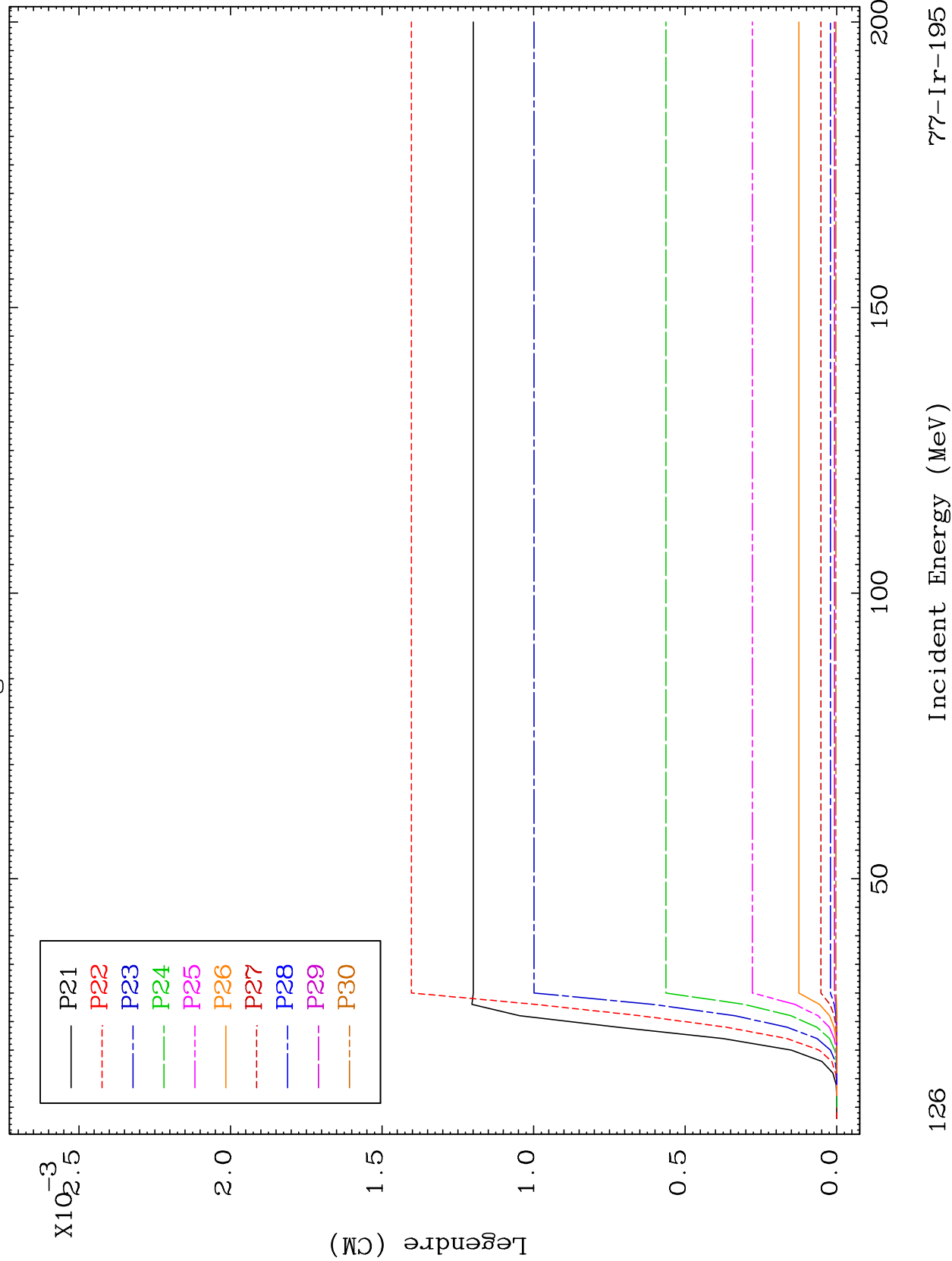
77-Ir-195



77-Ir-195

Incident Energy (MeV)

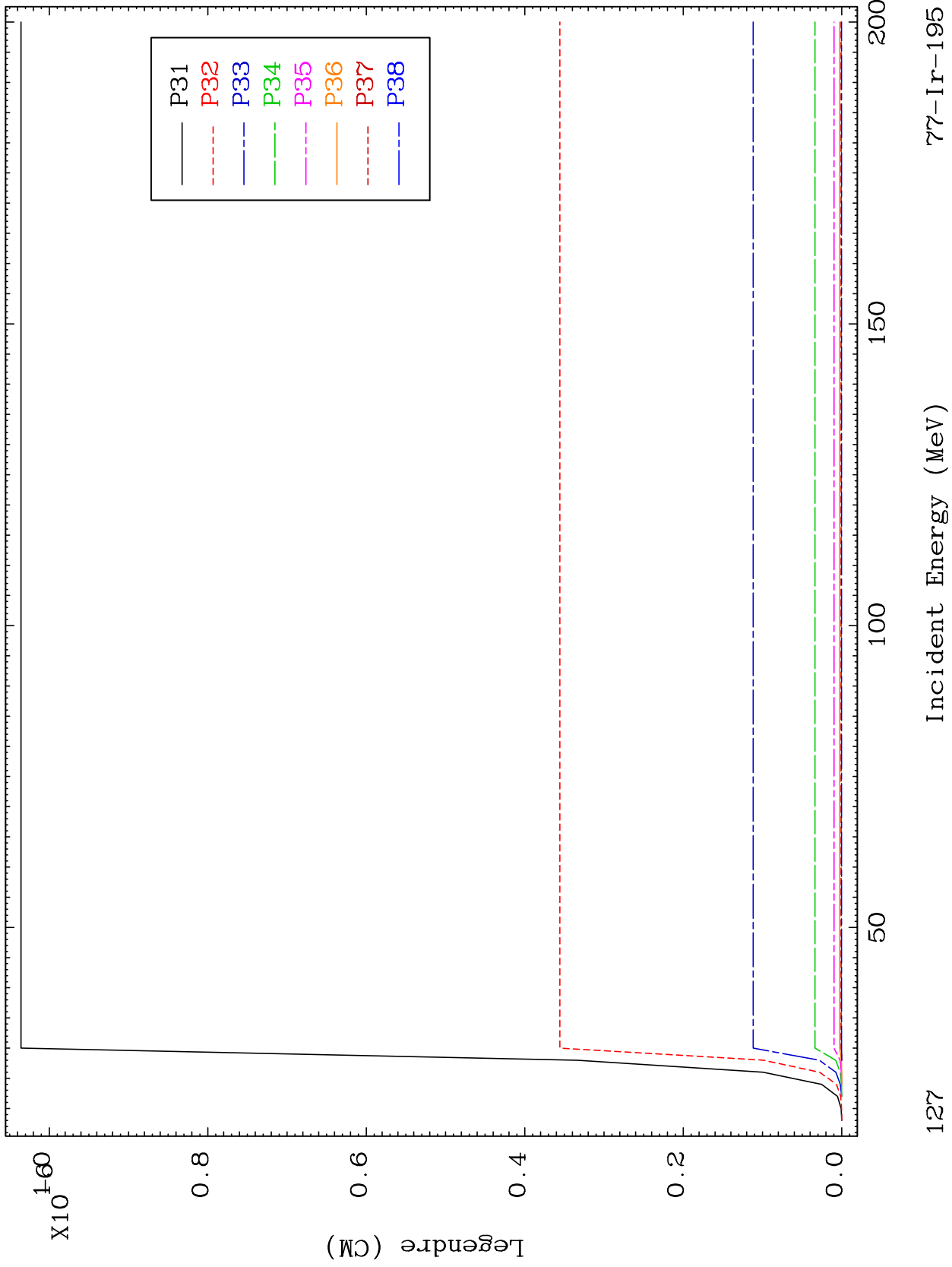
125



MAT 7737

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

77-Ir-195



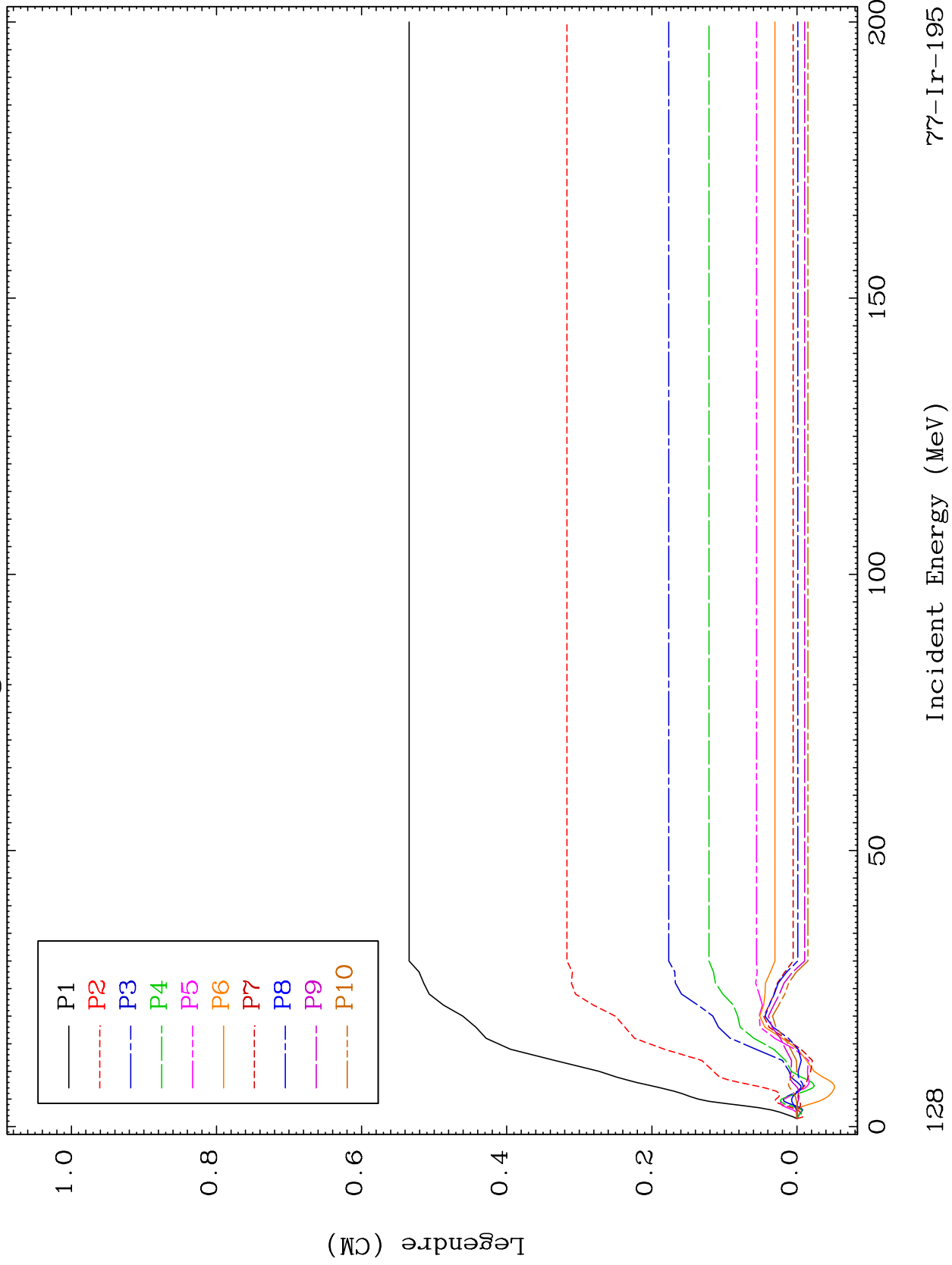
127

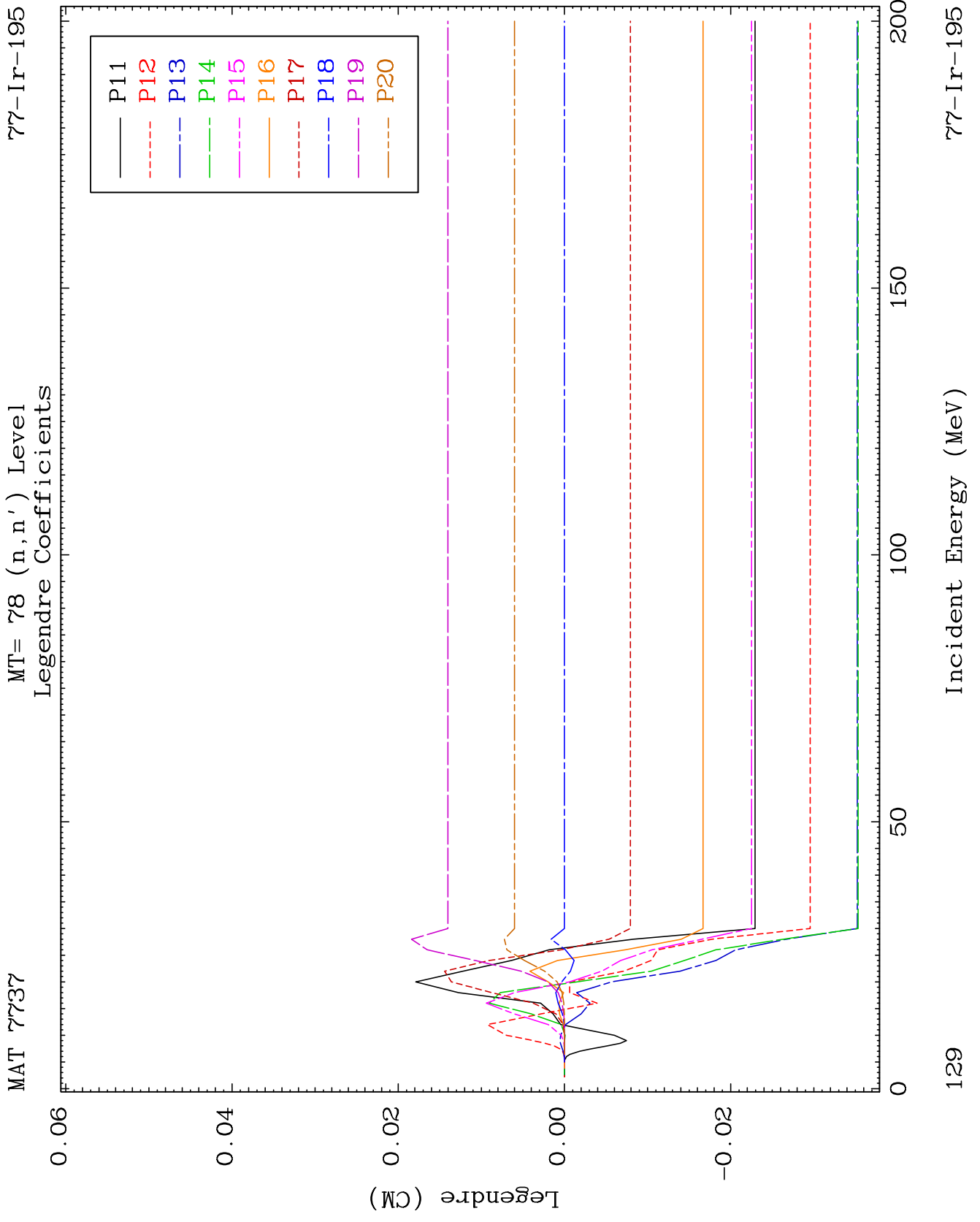


MAT 7737

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

77-Ir-195

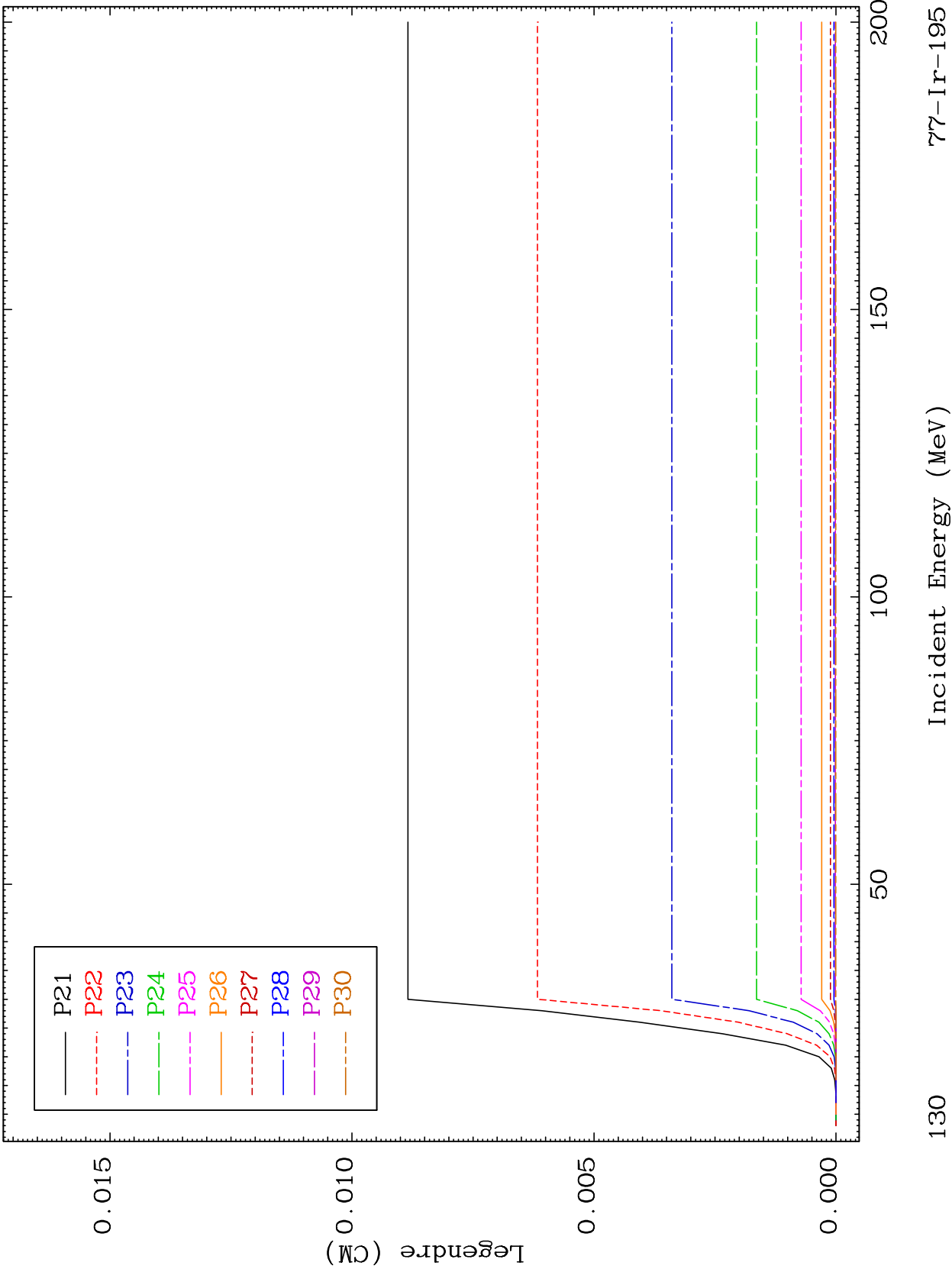




MAT 7737

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

77-Ir-195



130

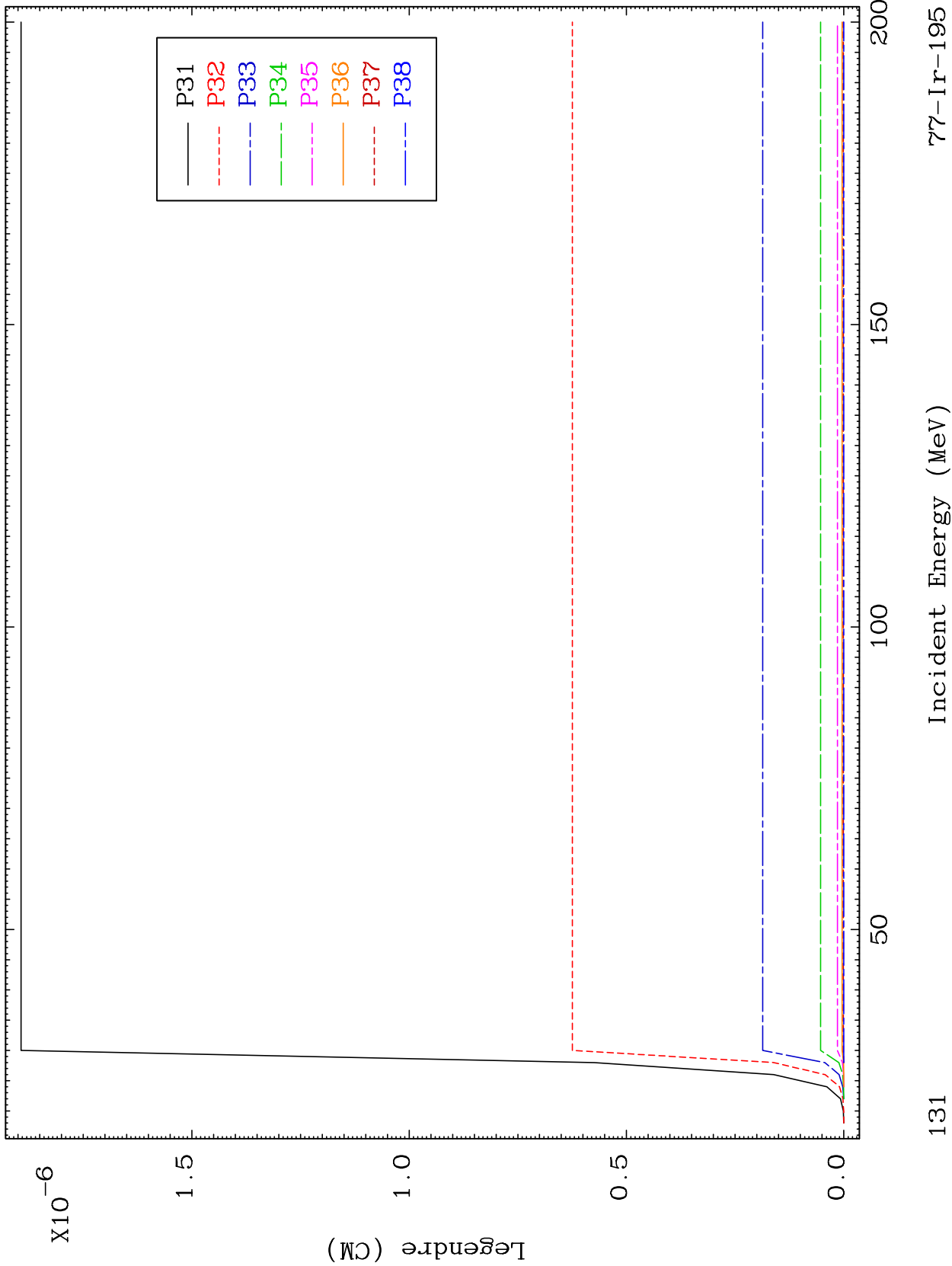
Incident Energy (MeV)

77-Ir-195

MAT 7737

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

77-Ir-195



131

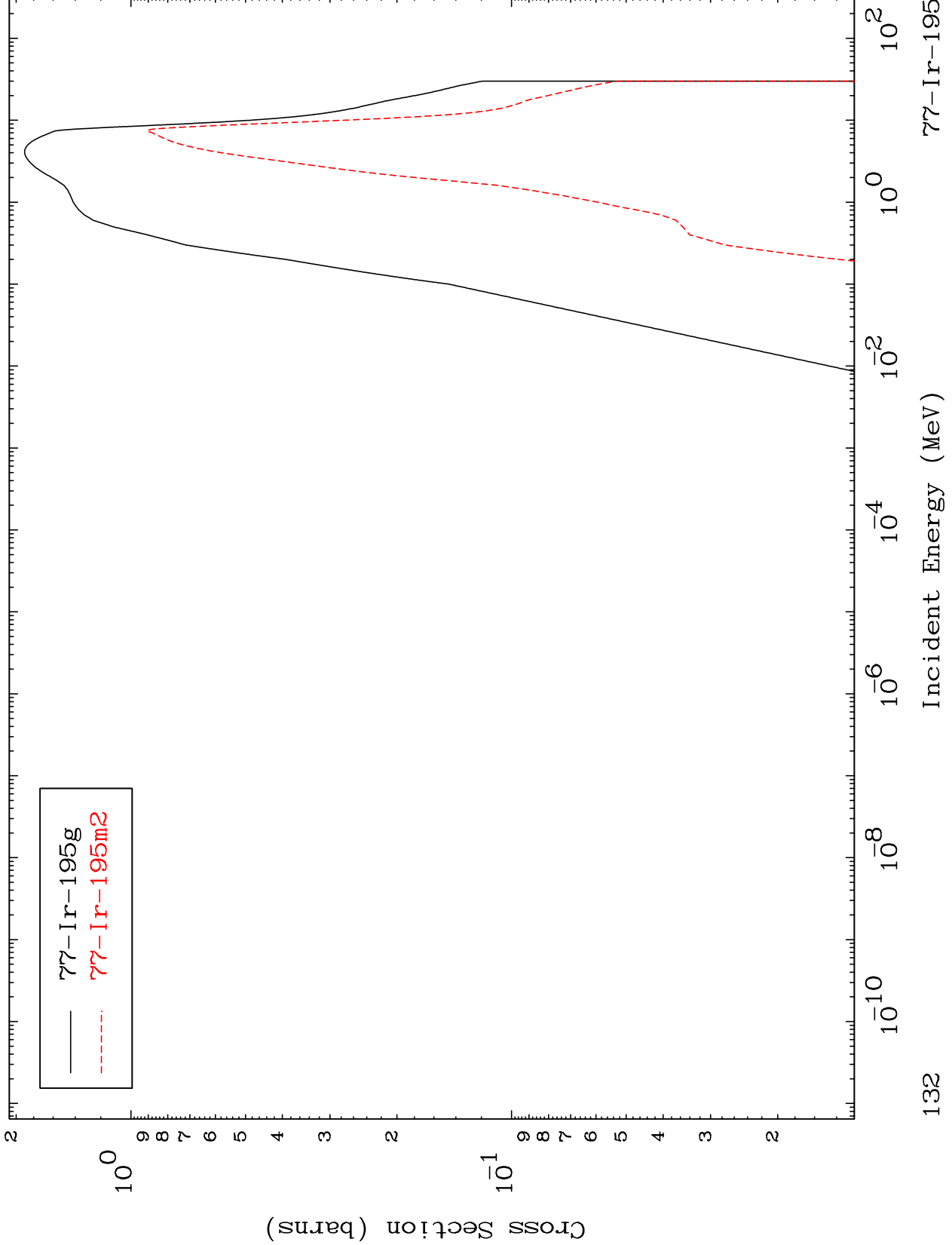
Incident Energy (MeV)

77-Ir-195

MAT 7737

Inelastic  
Radionuclide Production Cross Section

<sup>77</sup>Ir-195

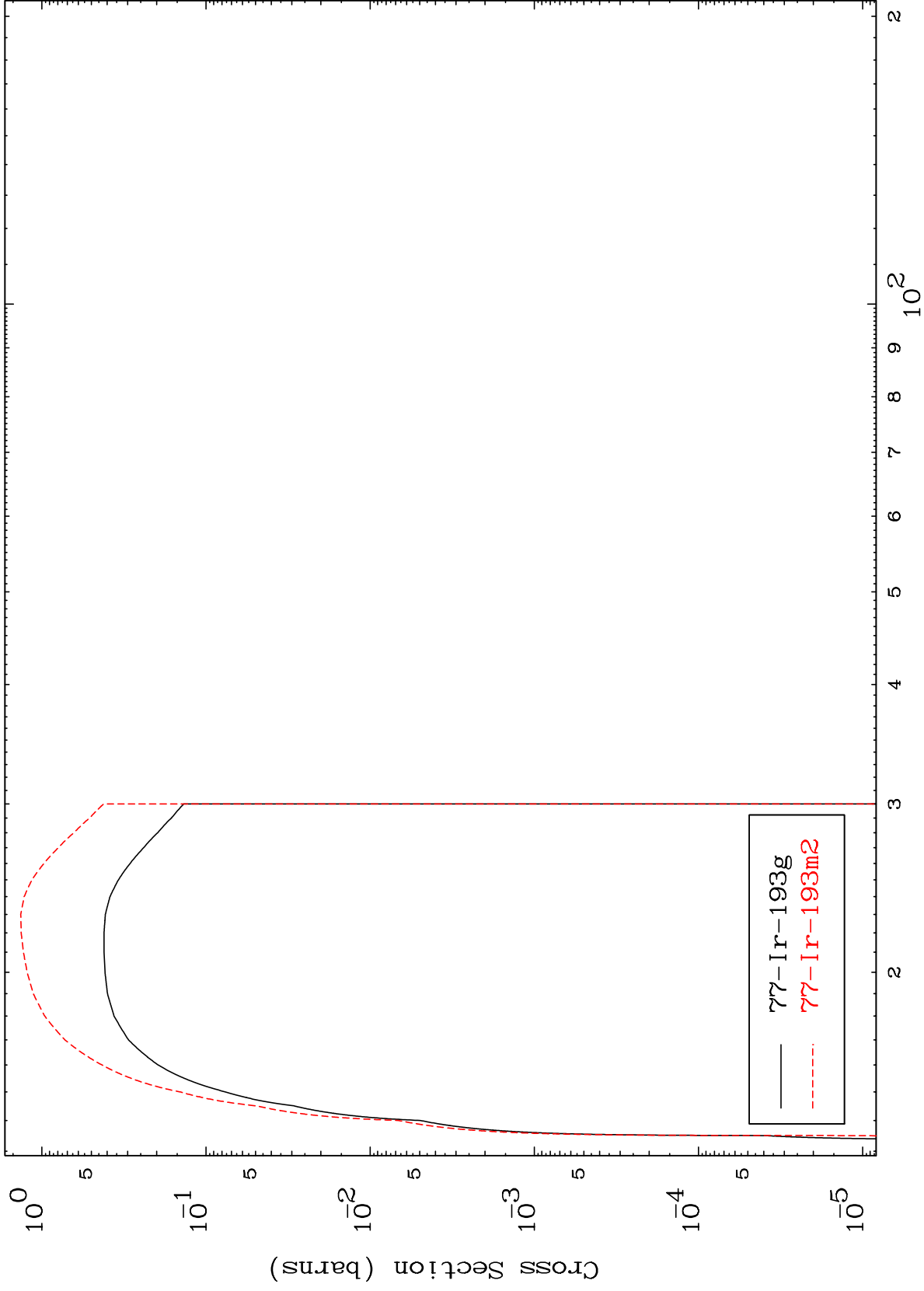


MAT 7737

(n,3n)

<sup>77</sup>Ir-195

Radionuclide Production Cross Section



133

Incident Energy (MeV)

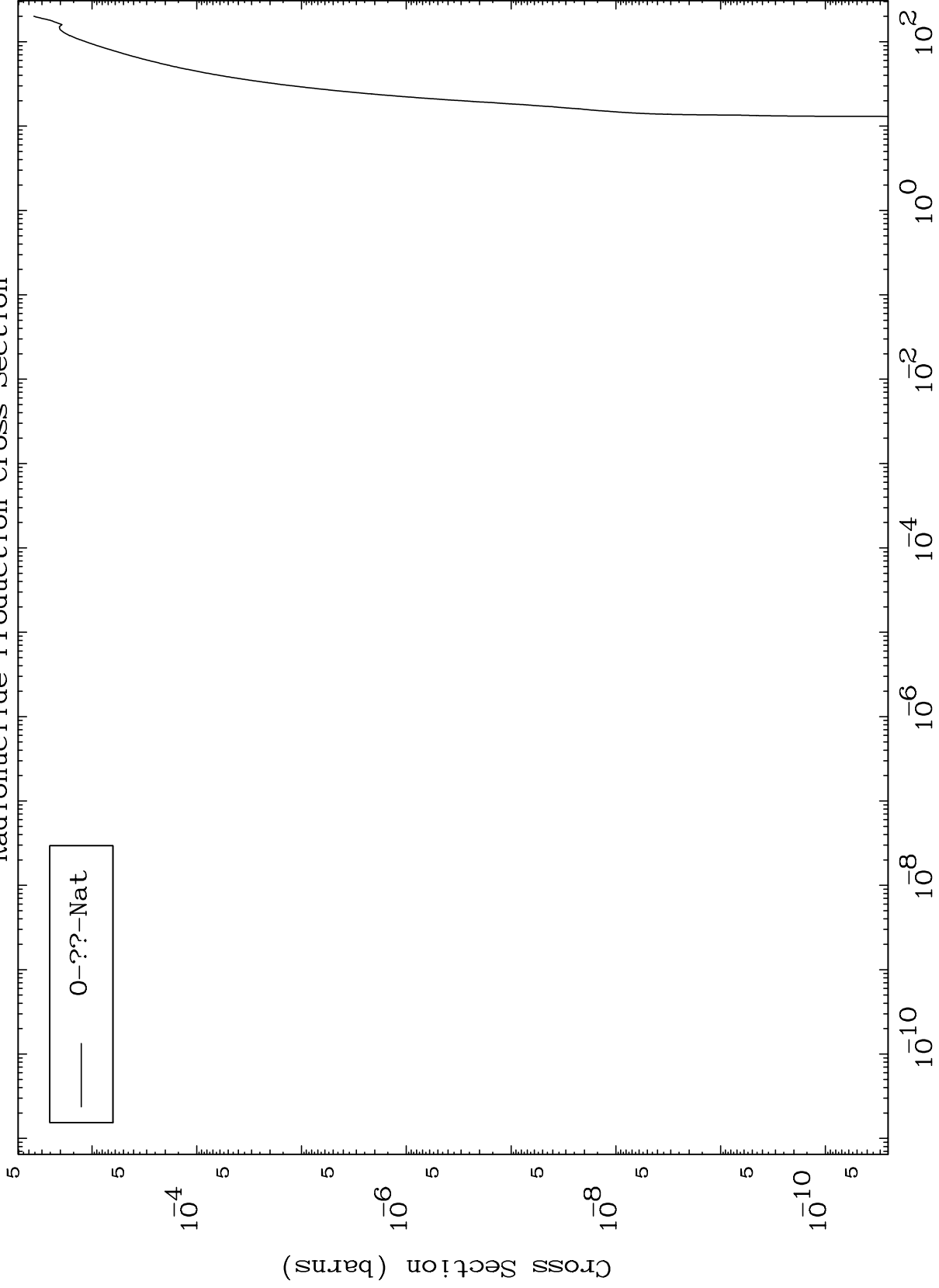
<sup>77</sup>Ir-195

MAT 7737

Fission

<sup>77</sup>Ir-195

Radionuclide Production Cross Section

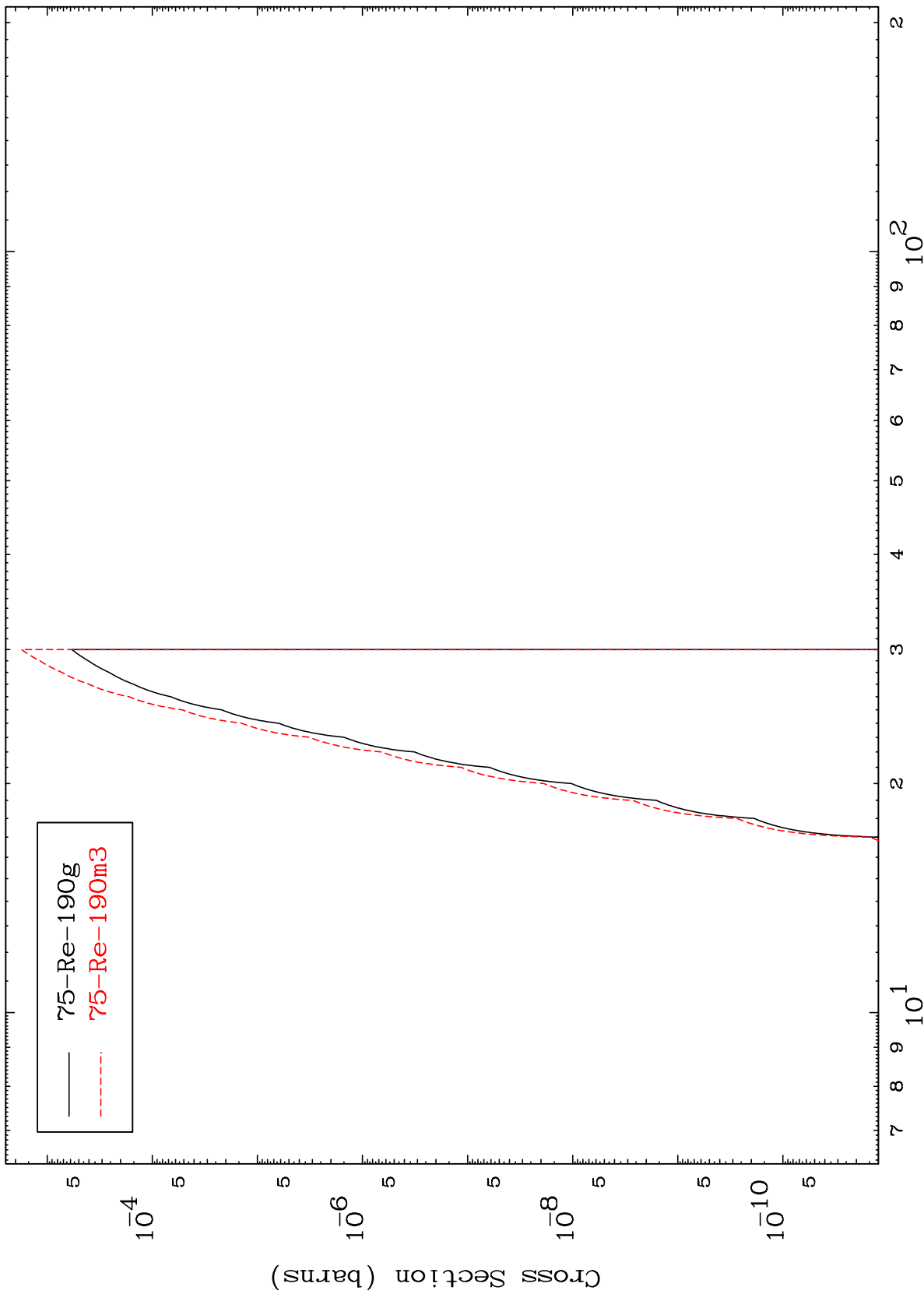


MAT 7737

$^{77}\text{Ir-195}$   $\alpha$

$^{77}\text{Ir-195}$

Radionuclide Production Cross Section



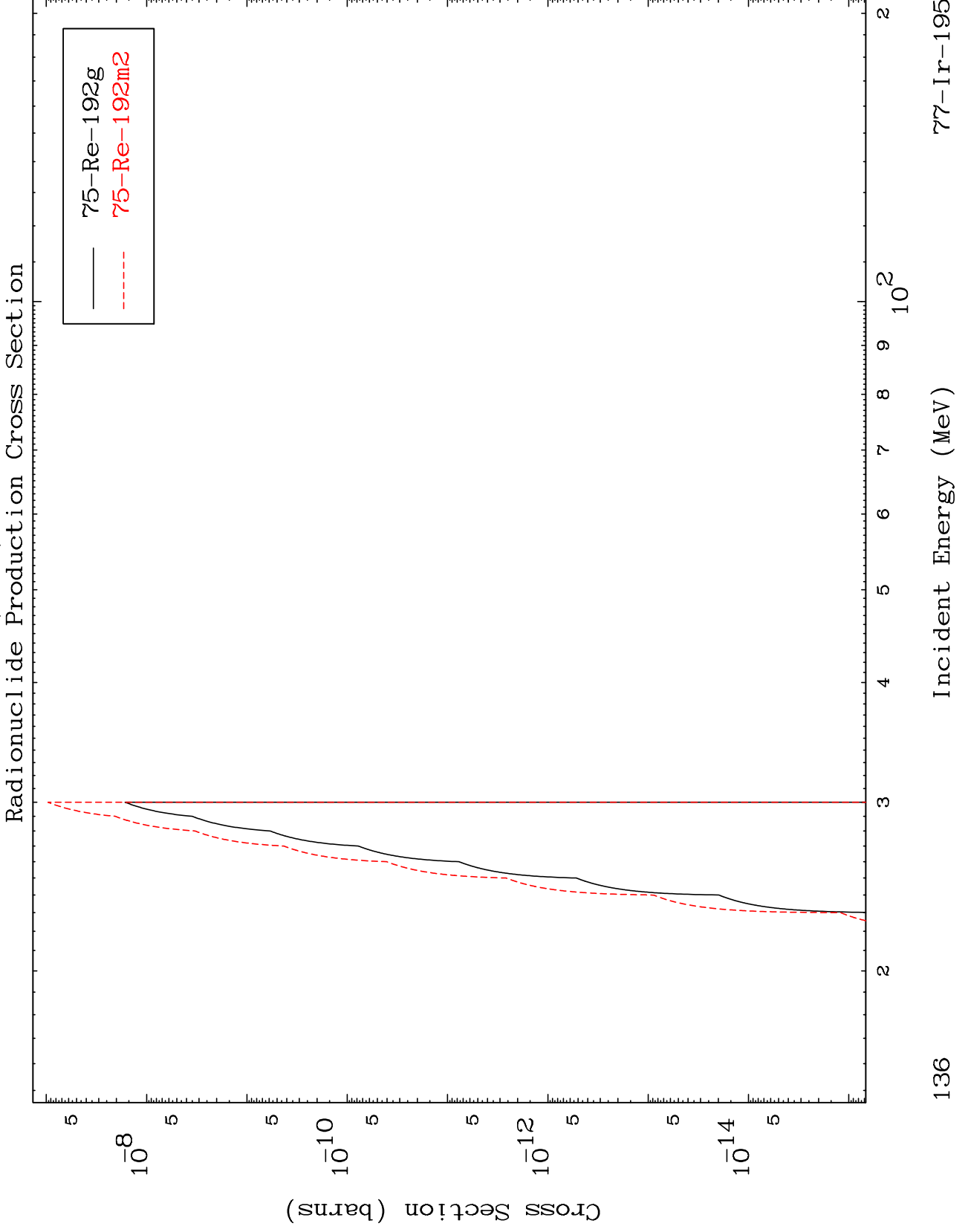
— 75-Re-190g  
- - - 75-Re-190m3

135

Incident Energy (MeV)

$^{77}\text{Ir-195}$



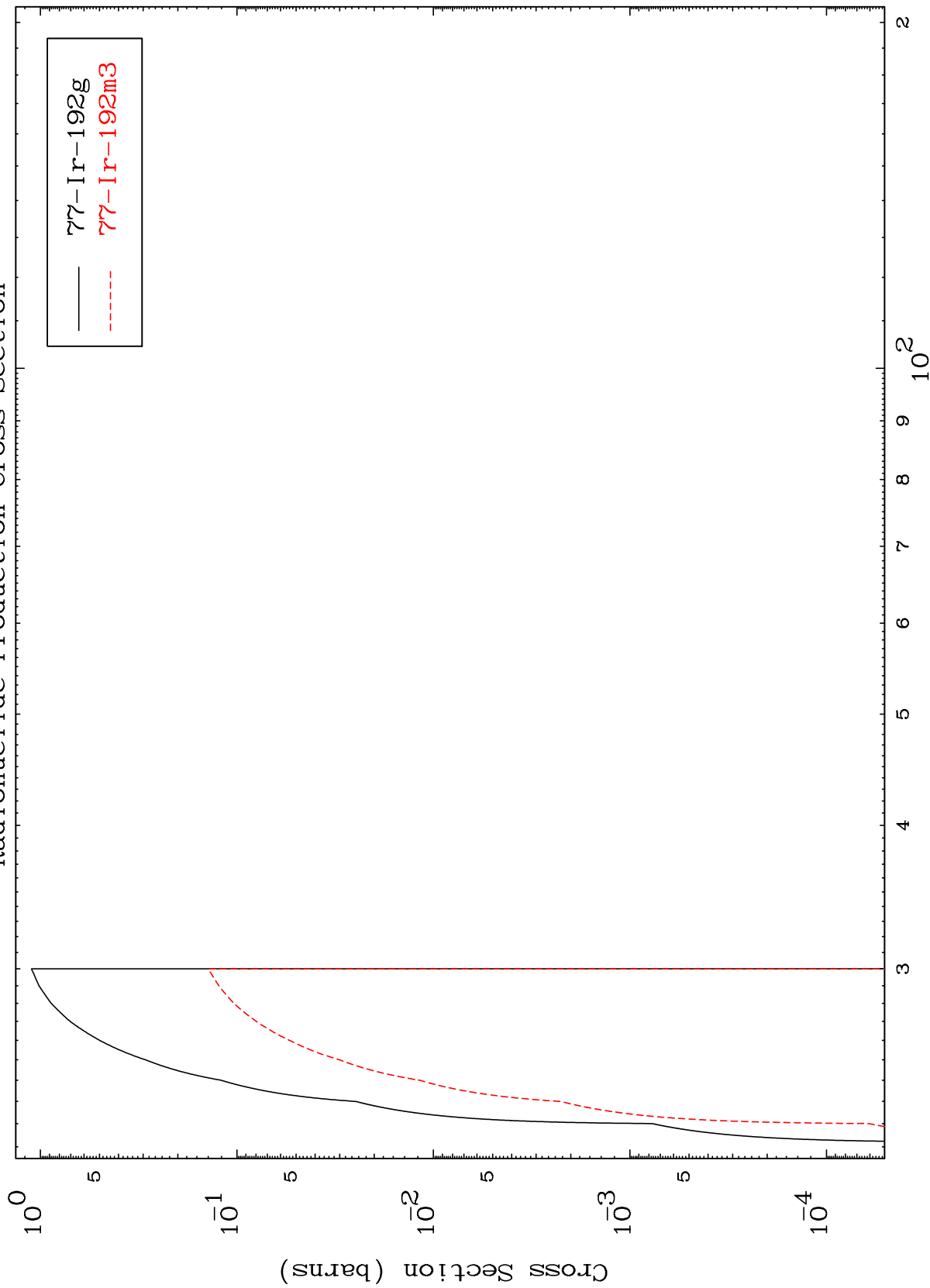


MAT 7737

77-Ir-195

(n,4n)

Radionuclide Production Cross Section



137

Incident Energy (MeV)

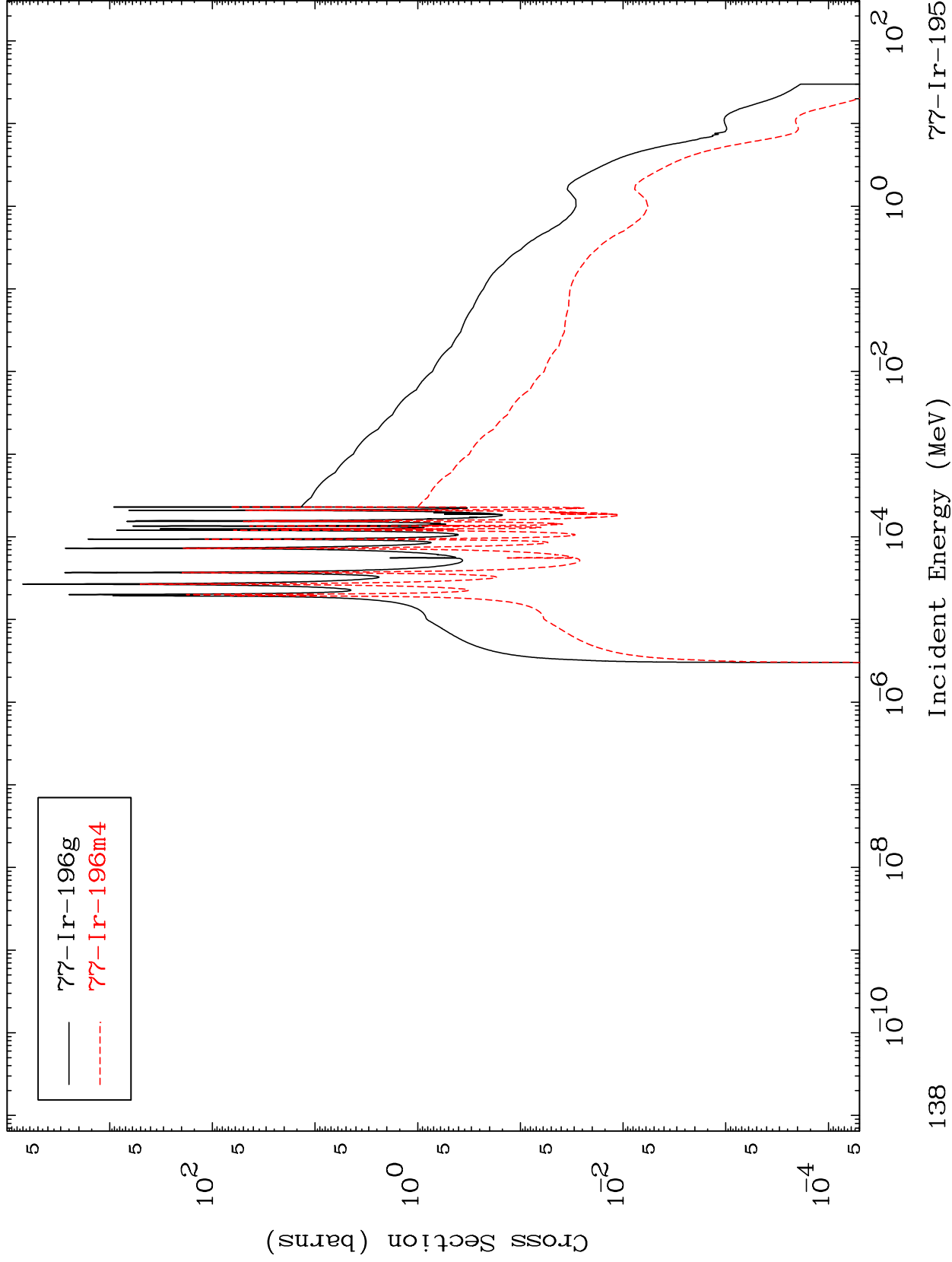
77-Ir-195

MAT 7737

(n,  $\gamma$ )

<sup>77</sup>Ir-195

Radionuclide Production Cross Section

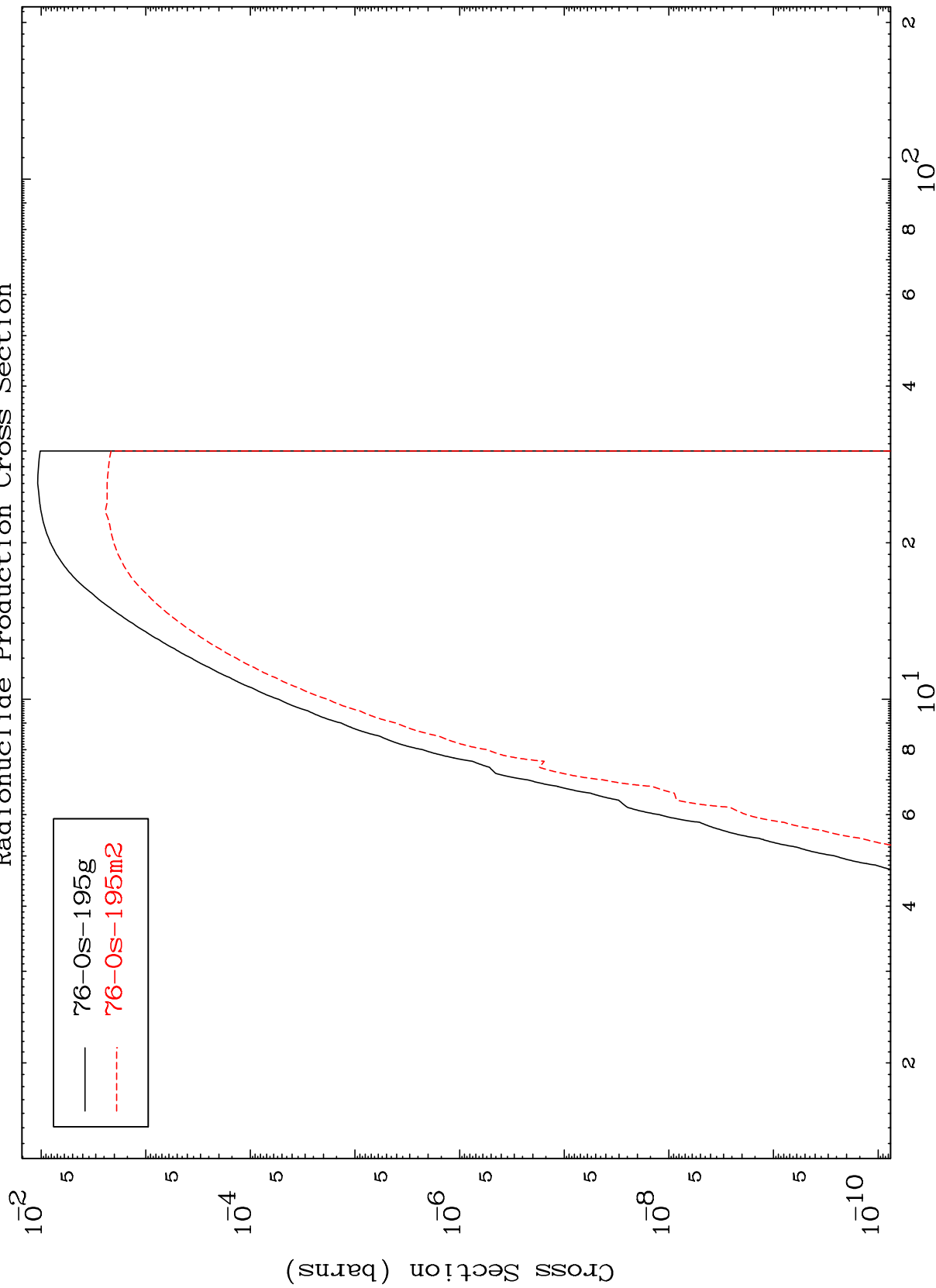


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<sup>77</sup>Ir-195

Radionuclide Production Cross Section (n,p)



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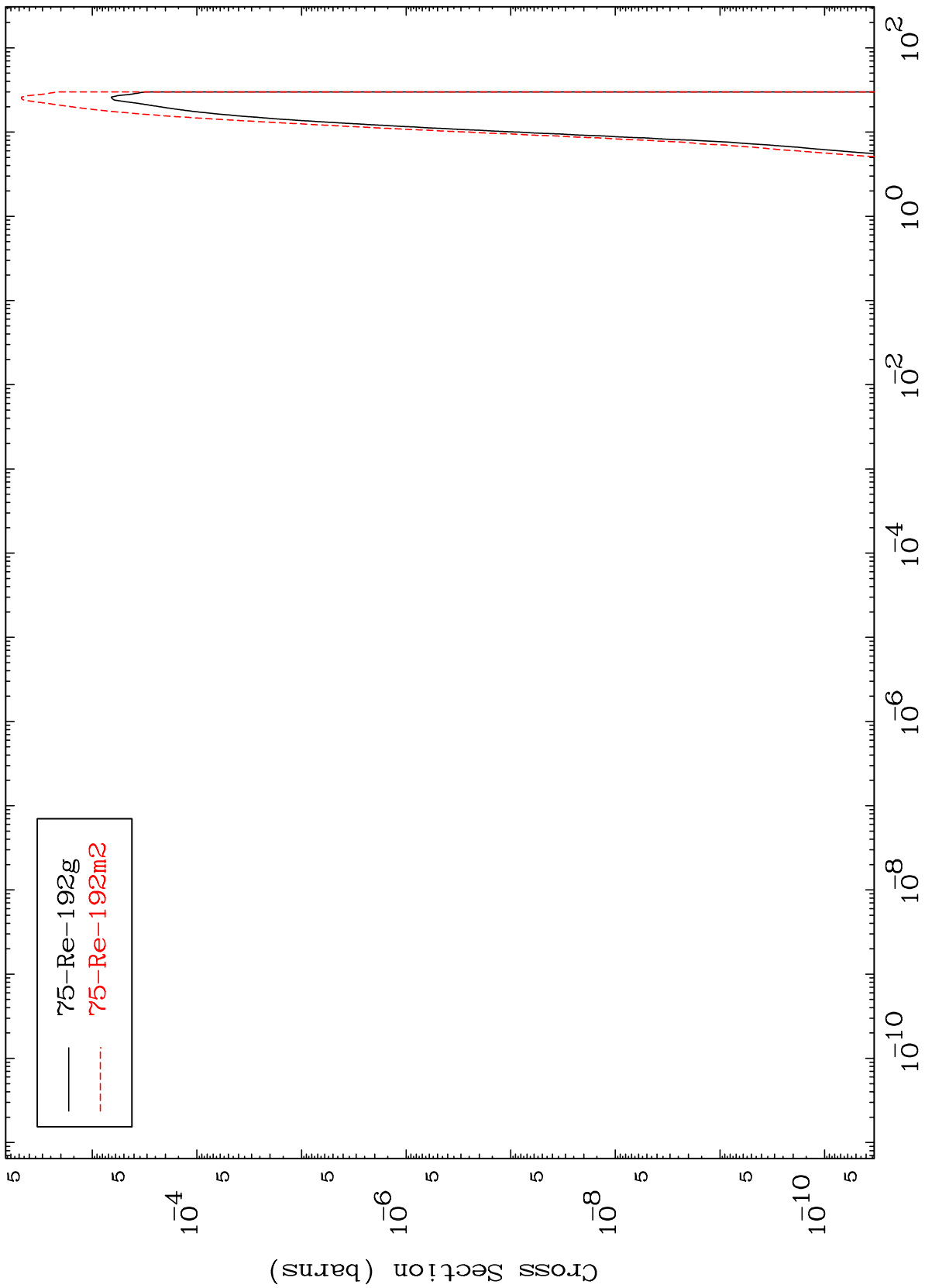
<sup>77</sup>Ir-195

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(n,  $\alpha$ )

<sup>77</sup>Ir-195

Radionuclide Production Cross Section



— 75-Re-192g  
- - - 75-Re-192m2

Incident Energy (MeV)

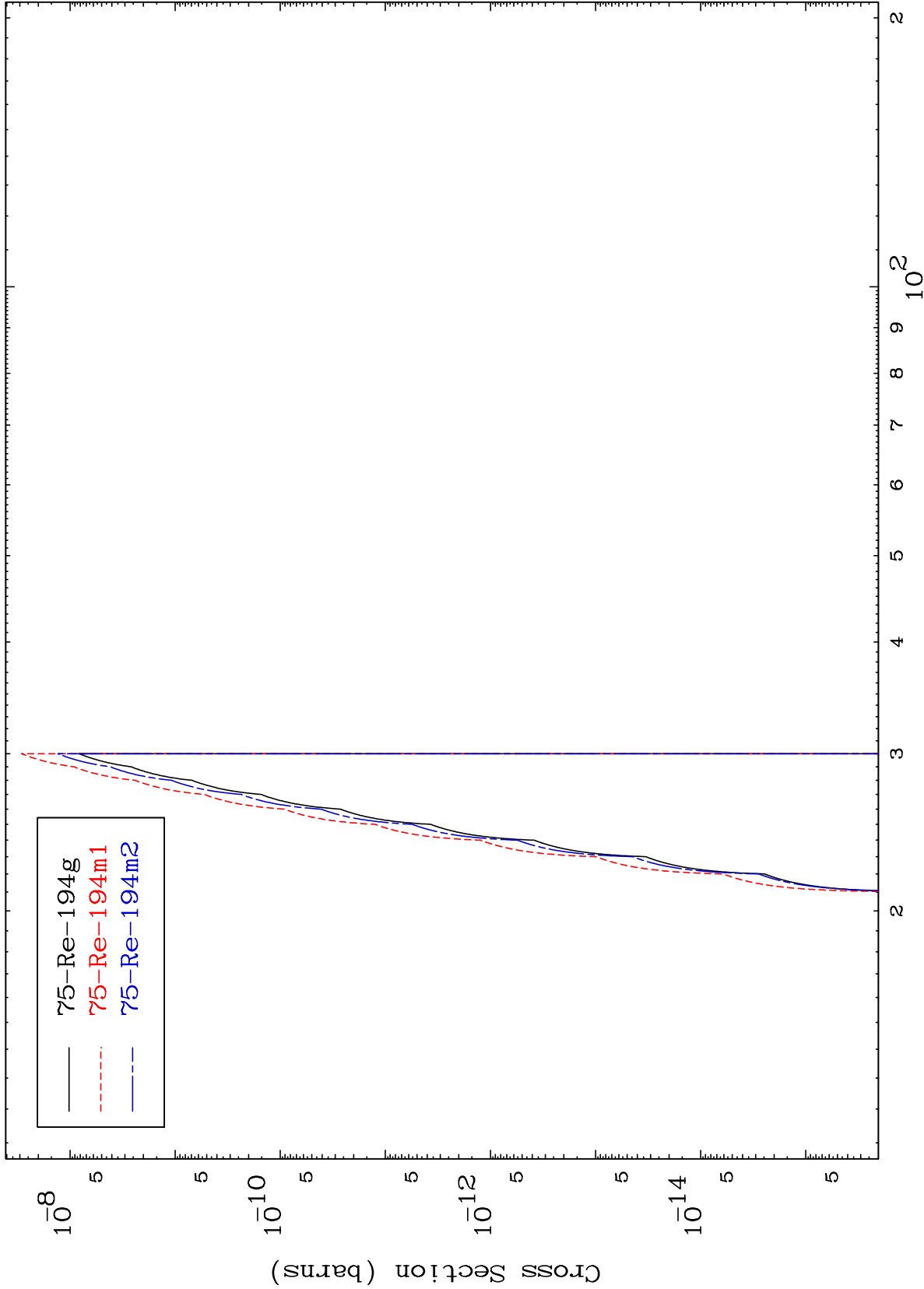
<sup>77</sup>Ir-195

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77-Ir-195

(n,2p)  
Radionuclide Production Cross Section



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77-Ir-195