

Program EVALPLOT  
(Version 2018-1)

by

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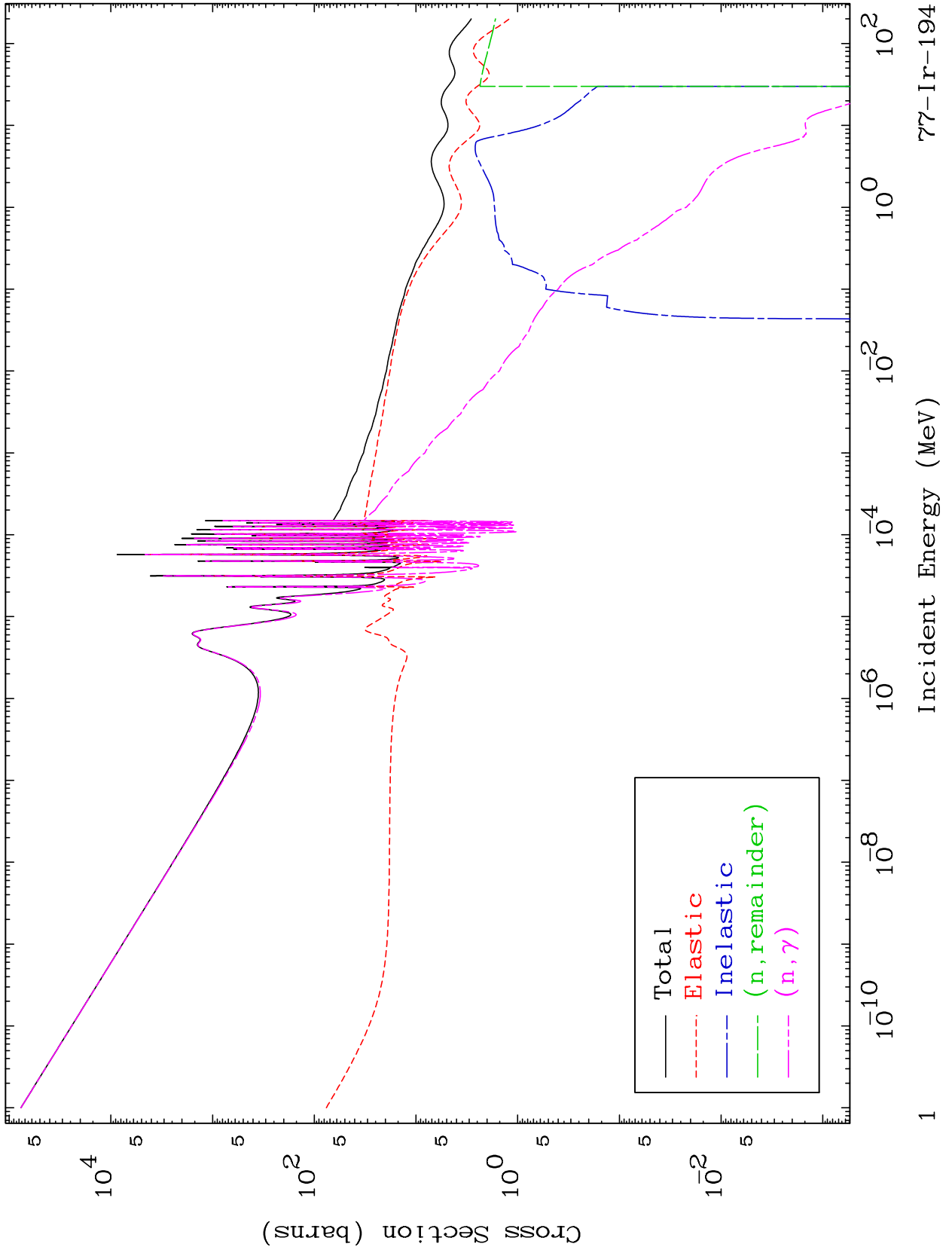
Press Mouse Button to Start

MAT 7734

Major

293 Kelvin Cross Sections

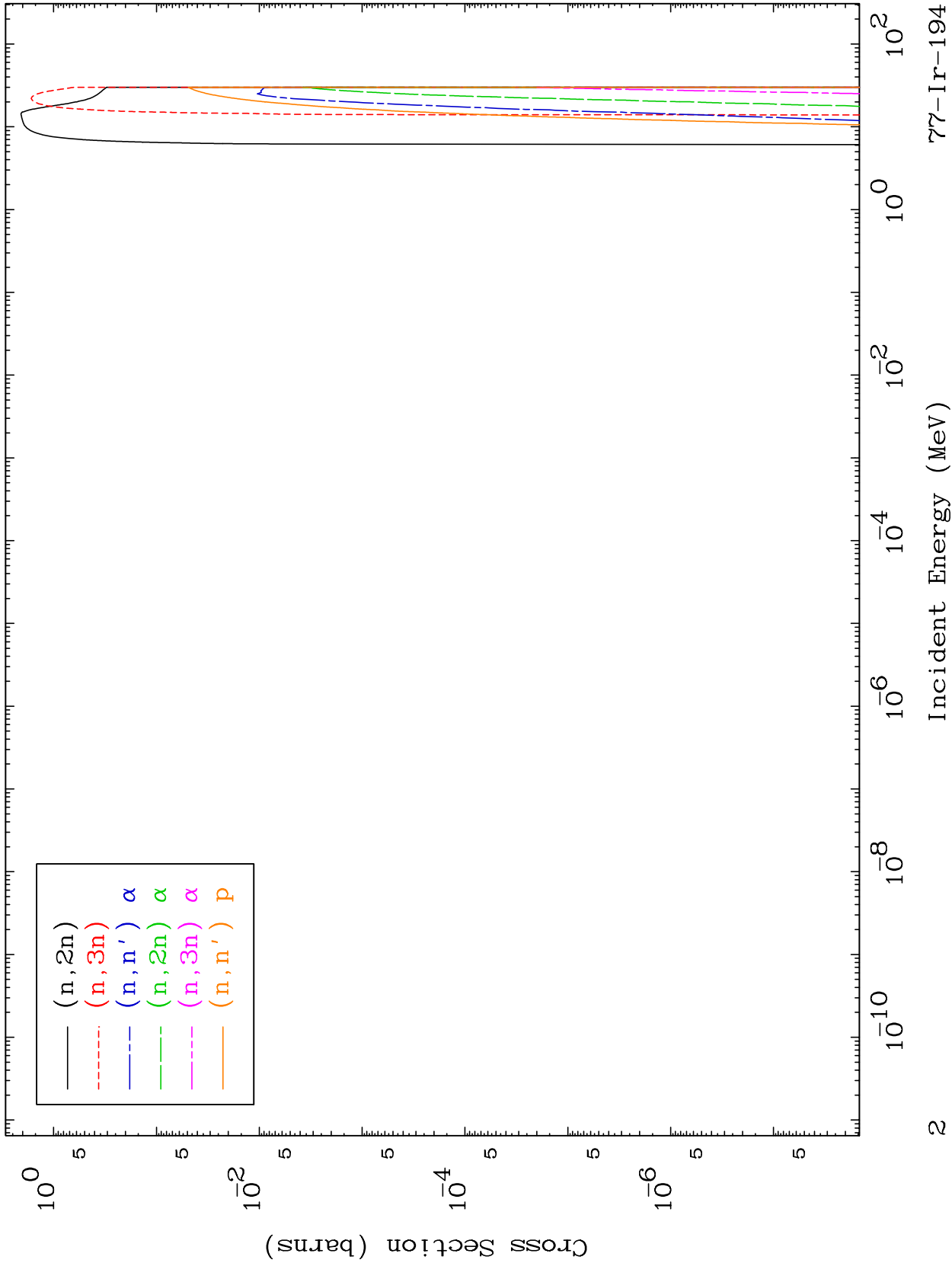
77-Ir-194



MAT 7734

Neutron Production  
293 Kelvin Cross Sections

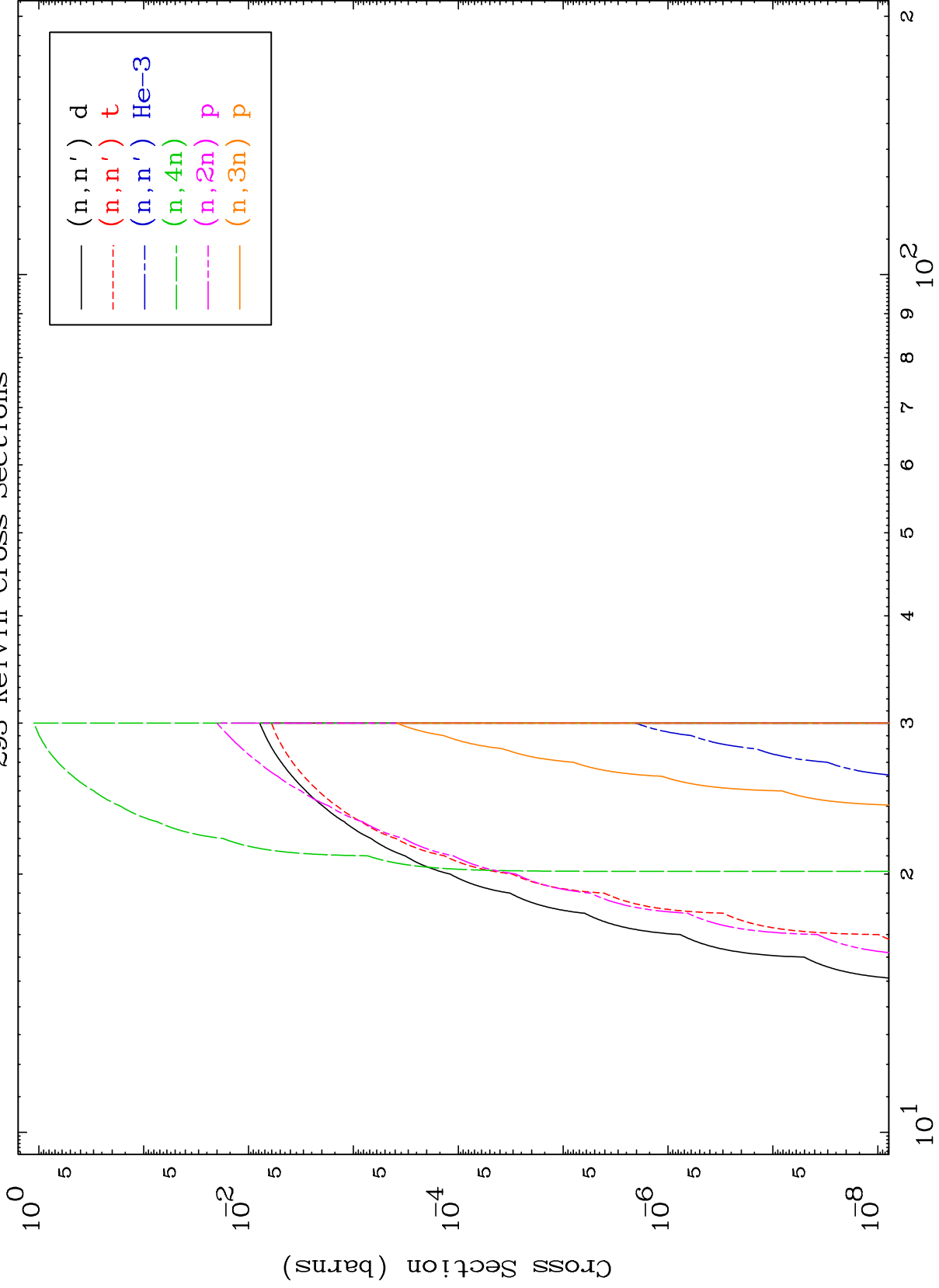
77-Ir-194



MAT 7734

Neutron Production  
293 Kelvin Cross Sections

77-Ir-194



77-Ir-194

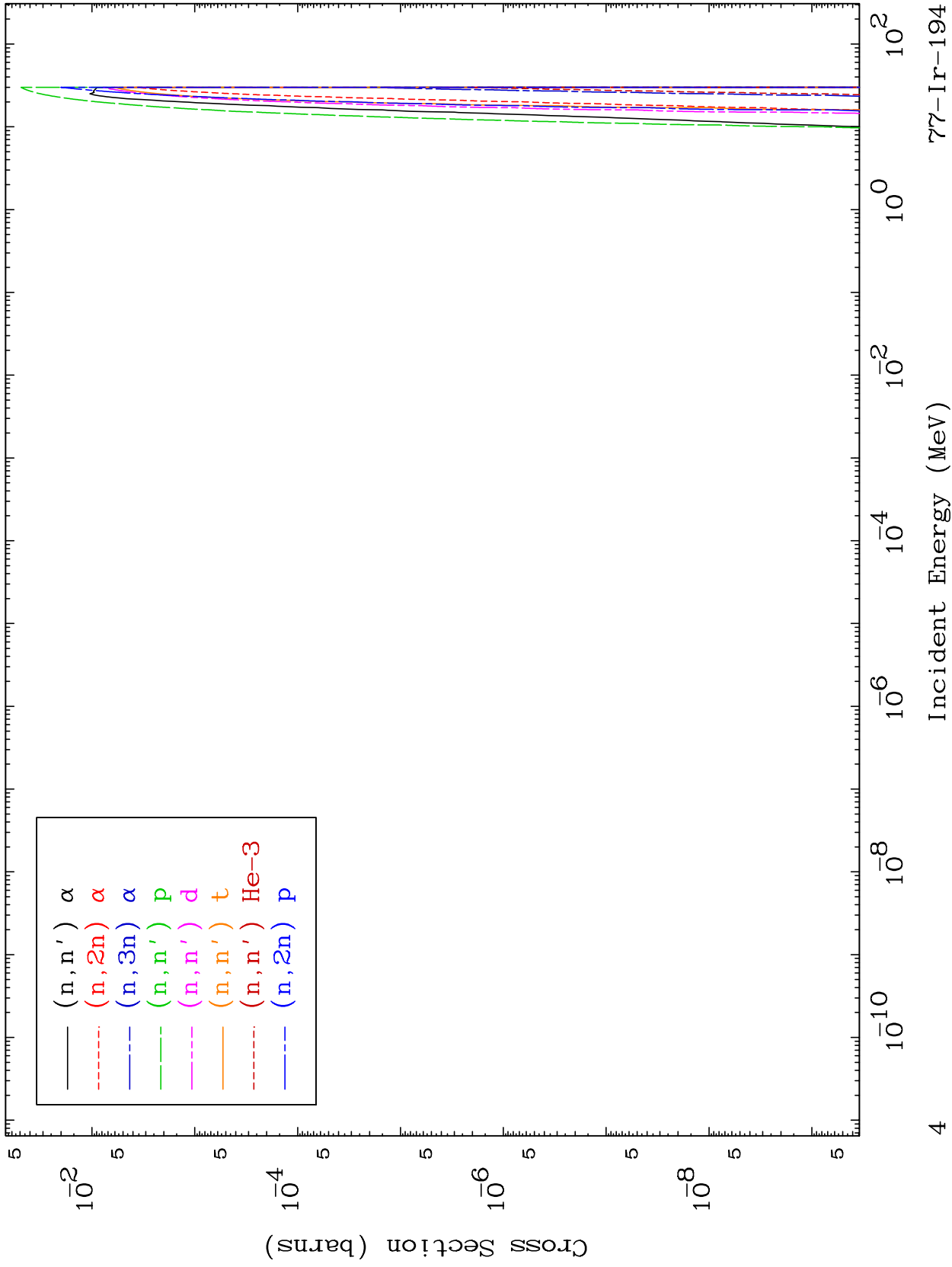
Incident Energy (MeV)

3

MAT 7734

Charged Particle  
293 Kelvin Cross Sections

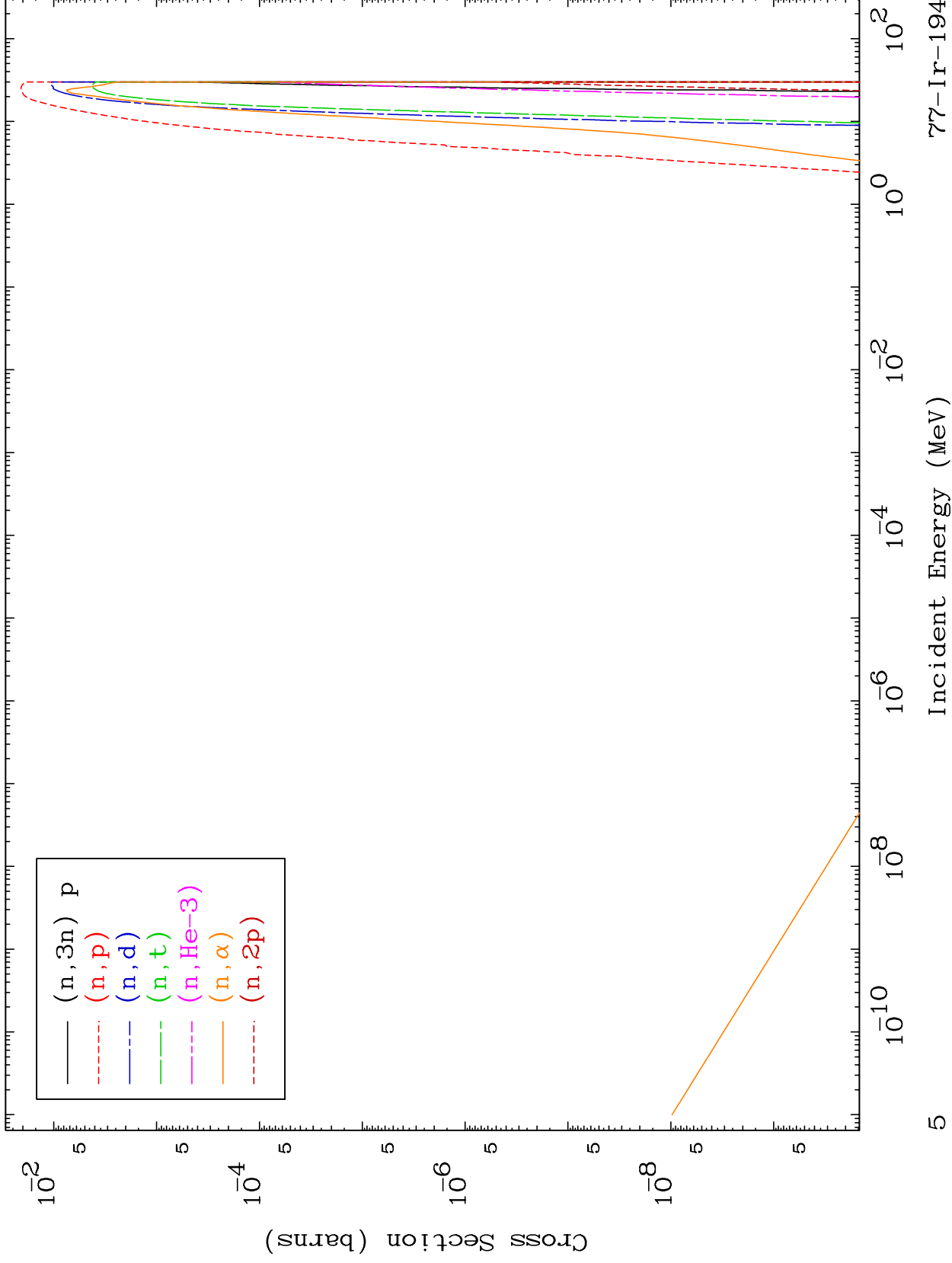
77-Ir-194



MAT 7734

Charged Particle  
293 Kelvin Cross Sections

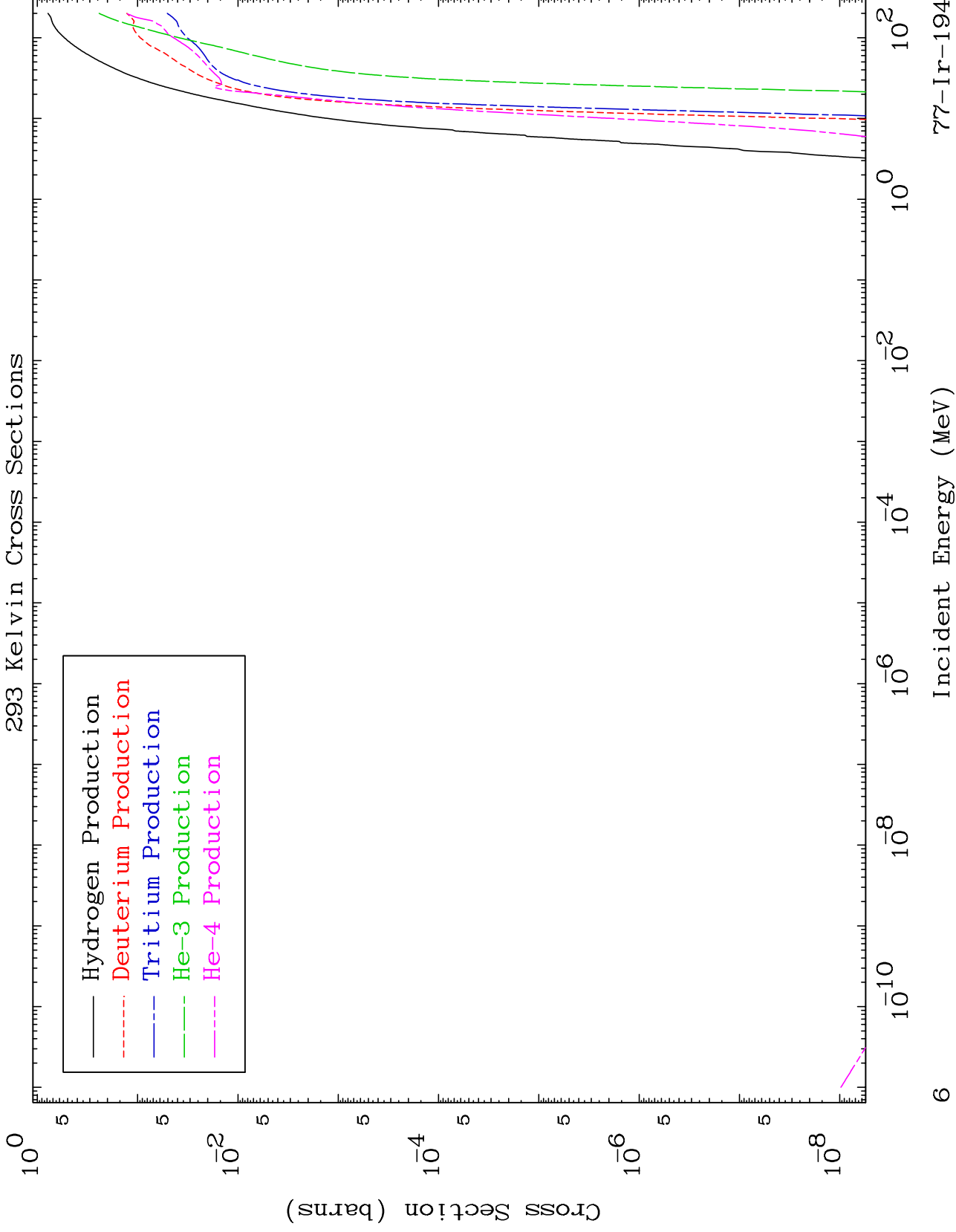
77-Ir-194



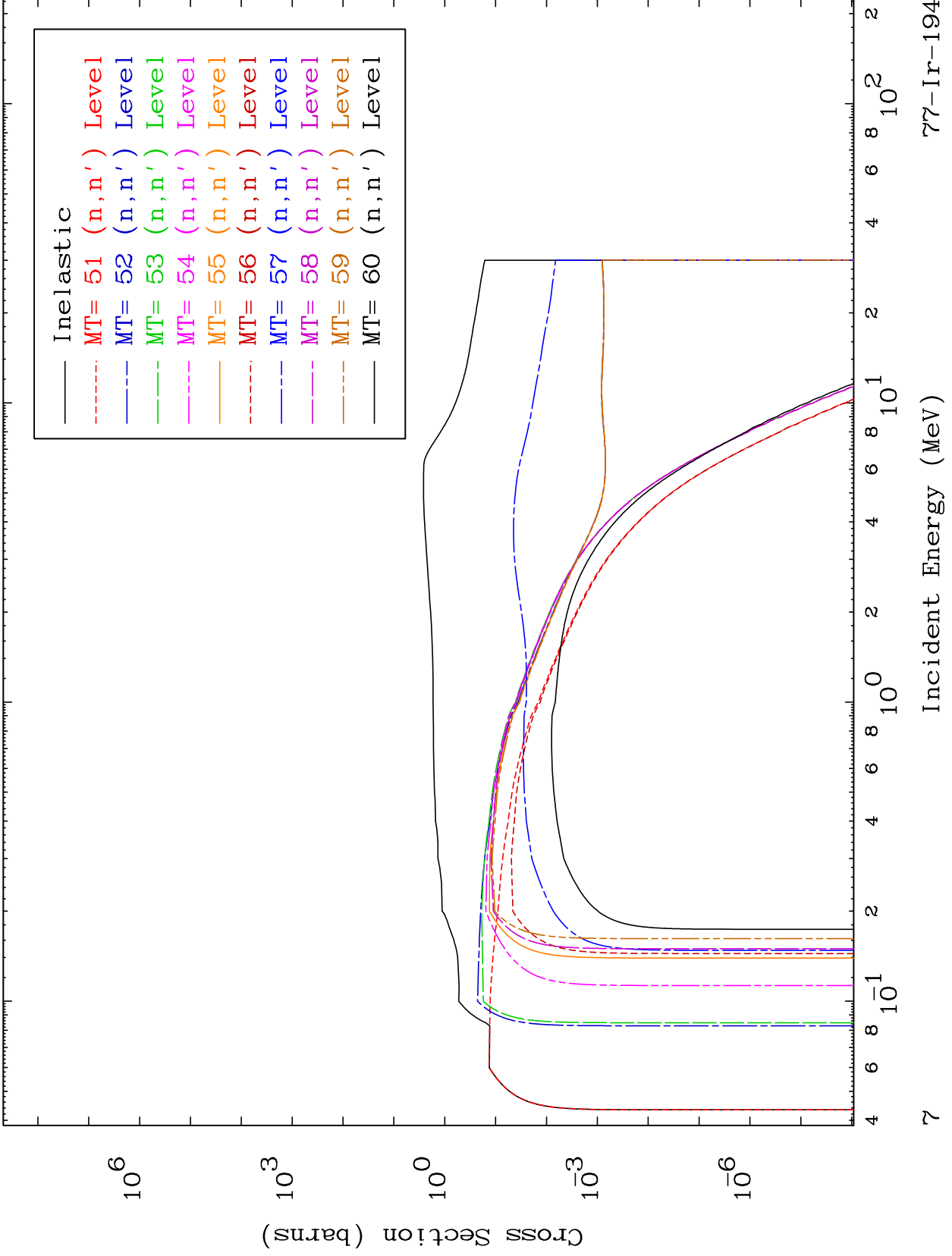
MAT 7734

Particle Production  
293 Kelvin Cross Sections

77-Ir-194



293 Kelvin Cross Sections



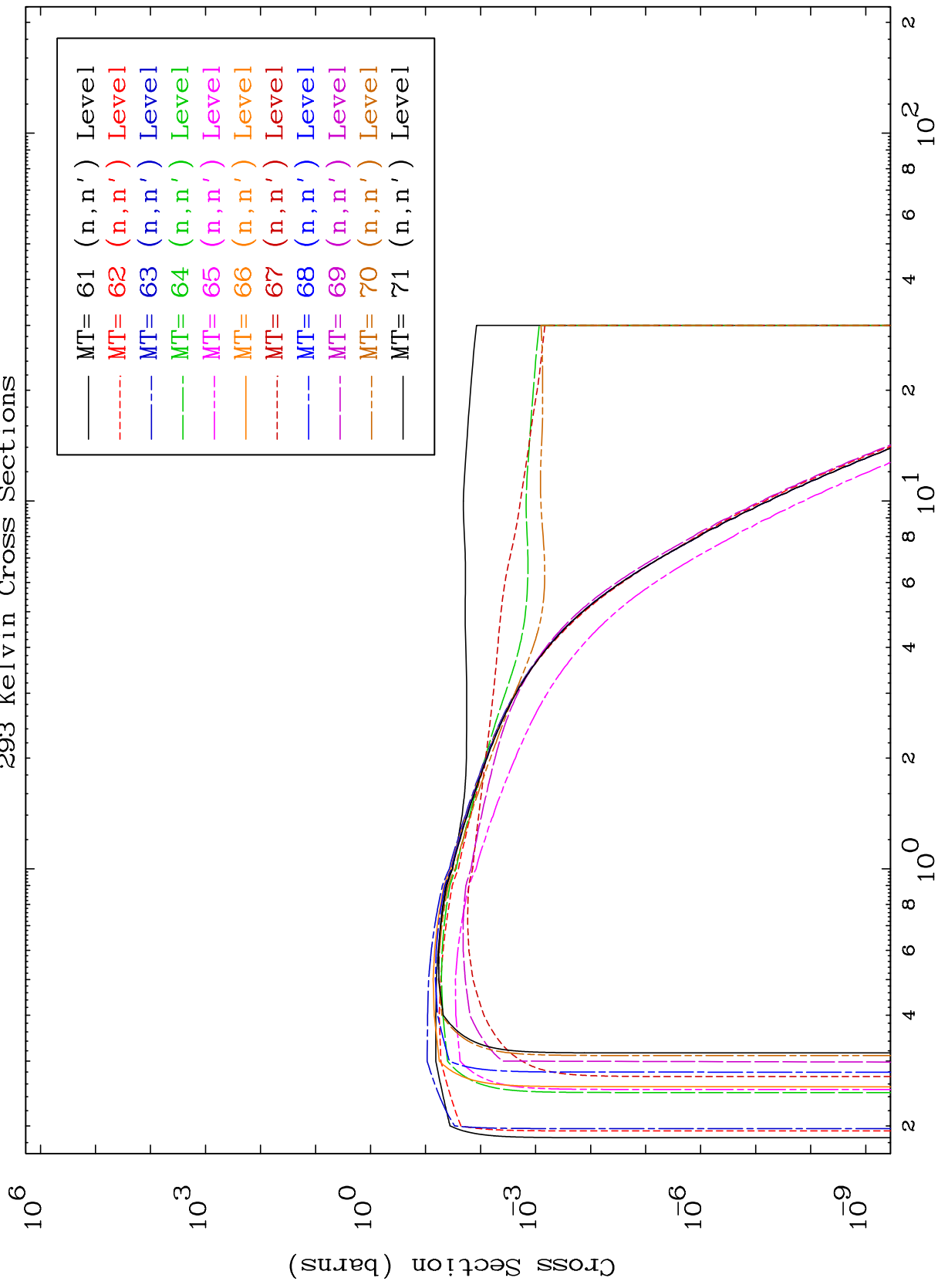


MAT 7734

(n,n') Level

293 Kelvin Cross Sections

77-Ir-194



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Incident Energy (MeV)

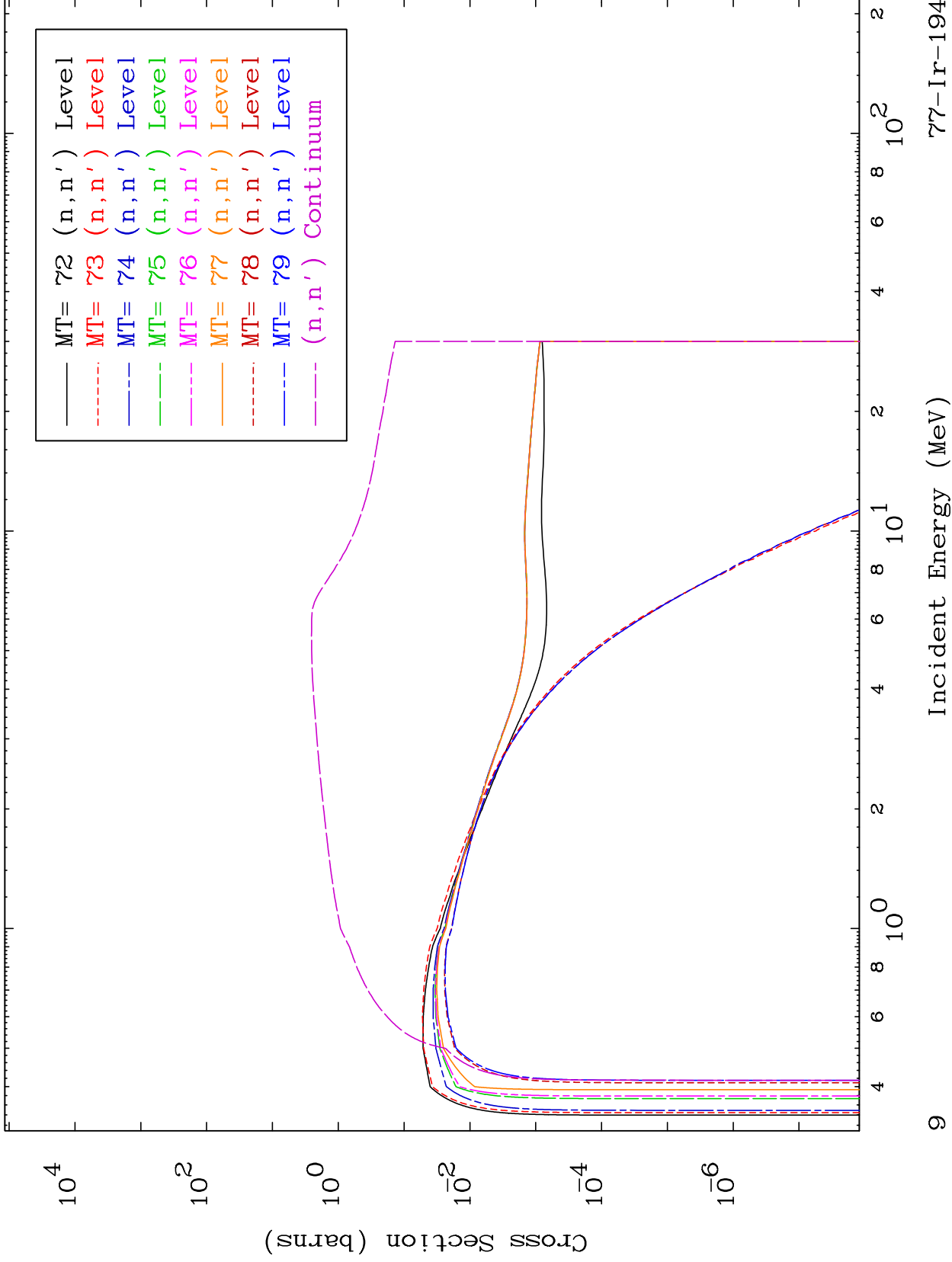
77-Ir-194

MAT 7734

(n,n') Level

293 Kelvin Cross Sections

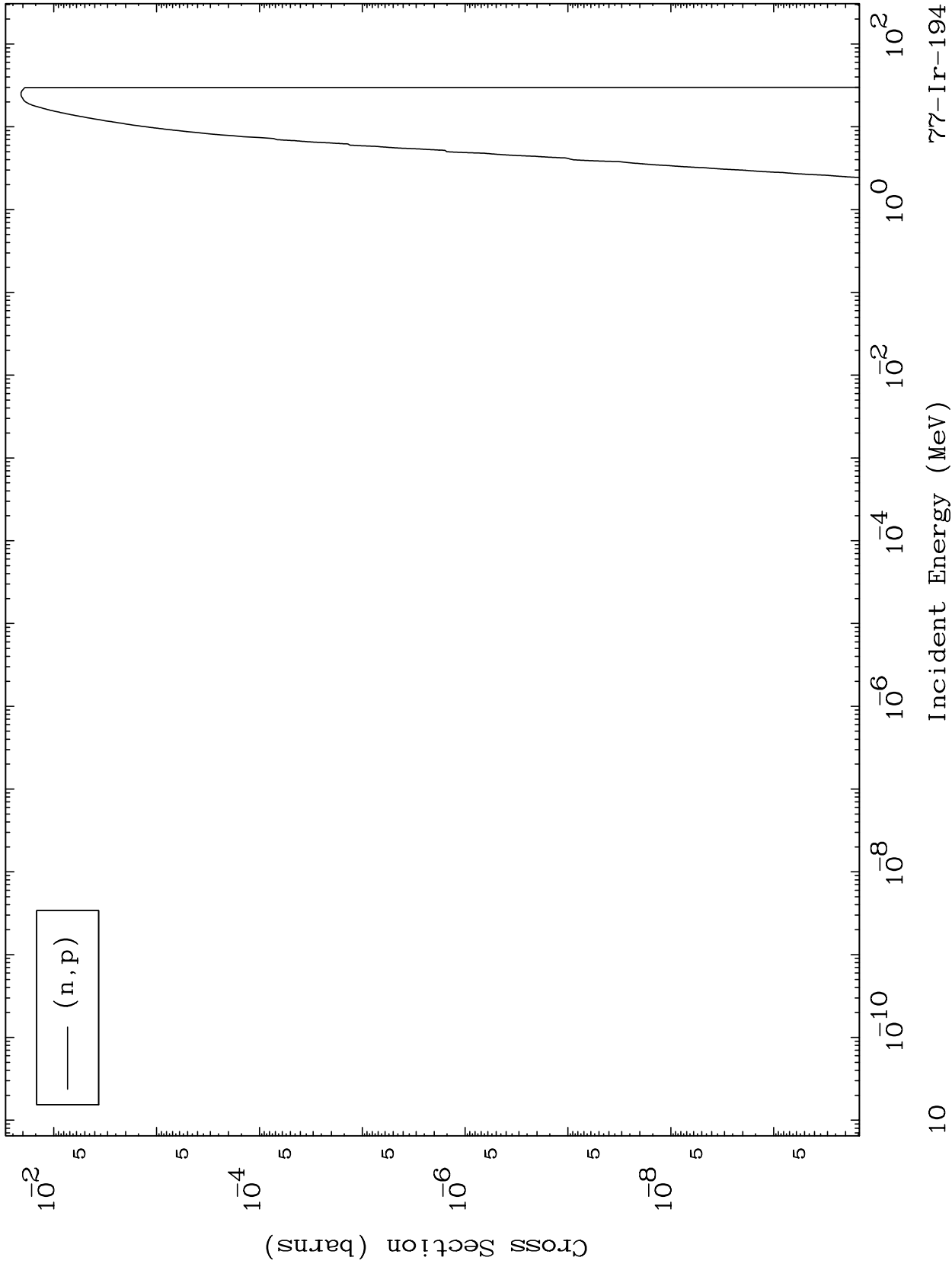
77-Ir-194



MAT 7734

(n,p) Levels  
293 Kelvin Cross Sections

77-Ir-194



10

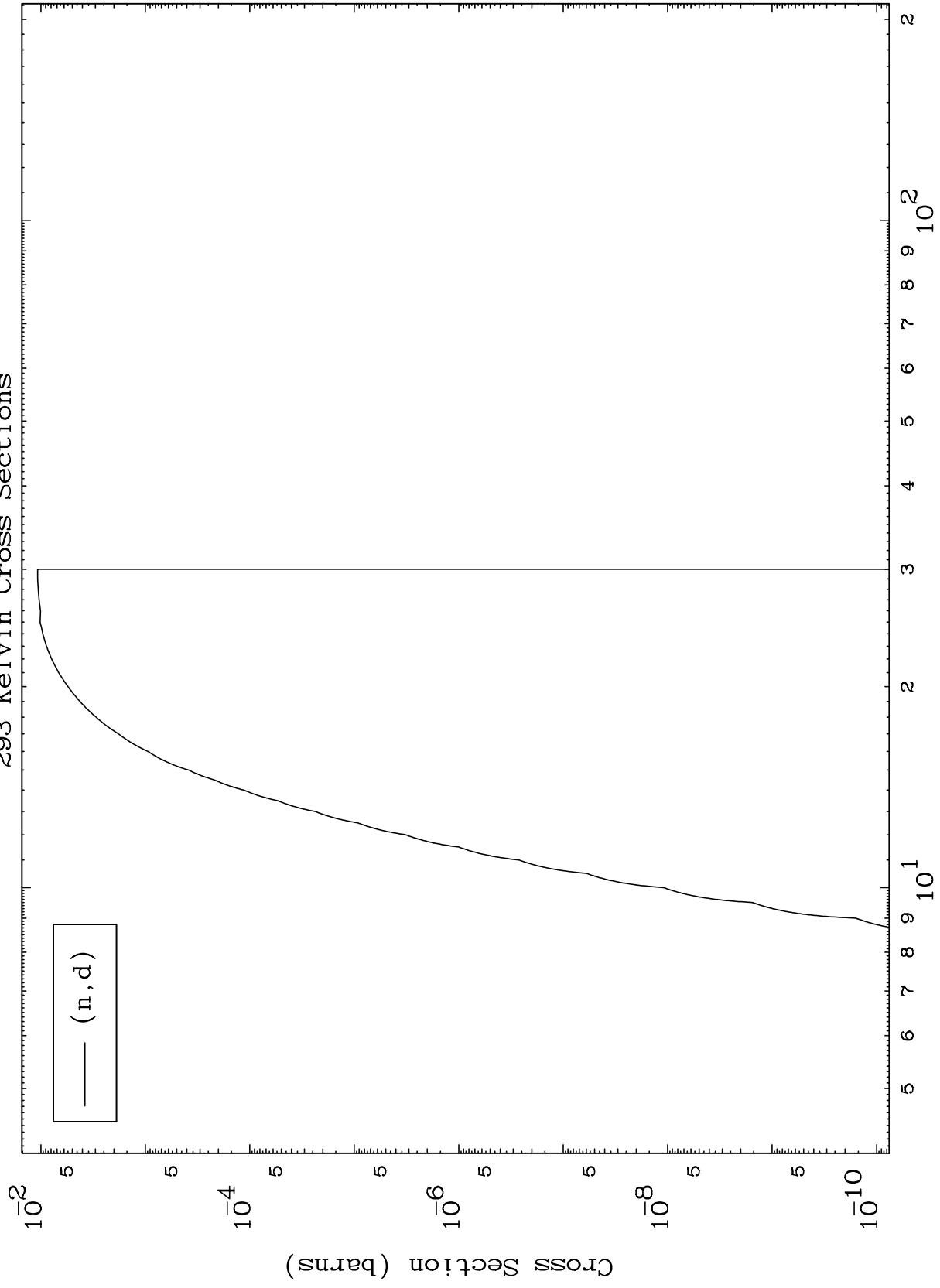
Incident Energy (MeV)

77-Ir-194

MAT 7734

(n,d) Levels  
293 Kelvin Cross Sections

77-Ir-194



11

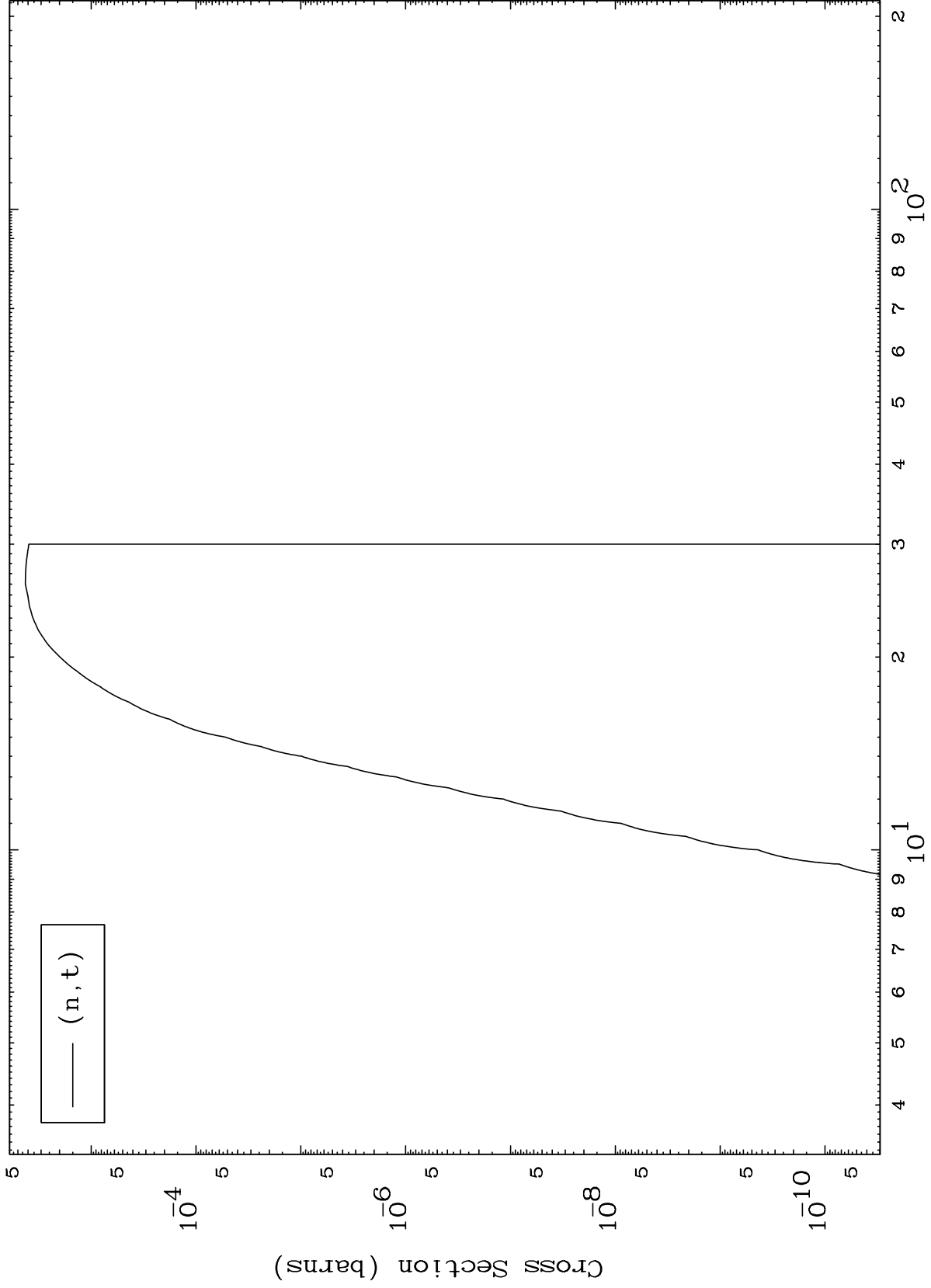
Incident Energy (MeV)

77-Ir-194

MAT 7734

(n,t) Levels  
293 Kelvin Cross Sections

77-Ir-194



12

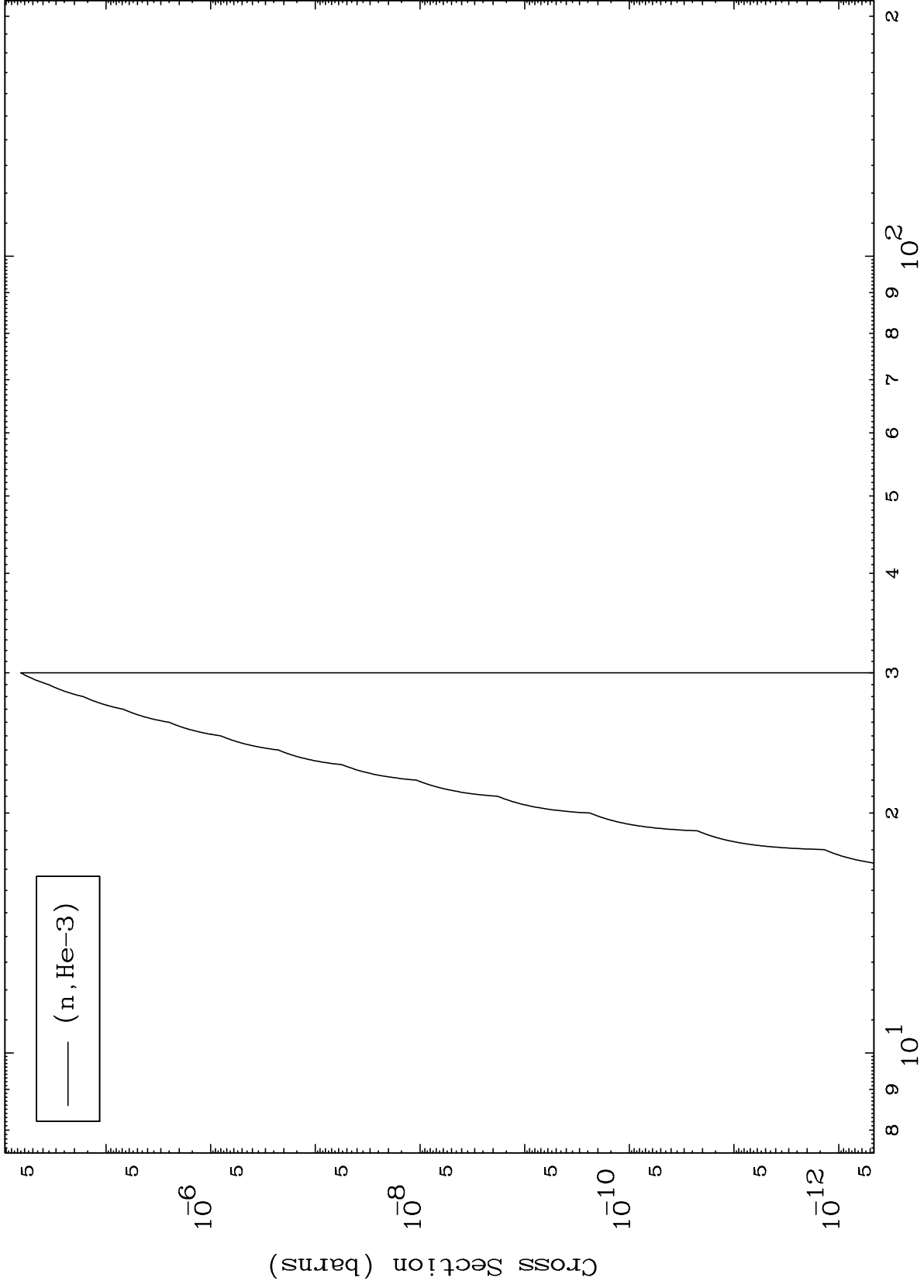
Incident Energy (MeV)

77-Ir-194

MAT 7734

(n,He3) Levels  
293 Kelvin Cross Sections

77-Ir-194



13

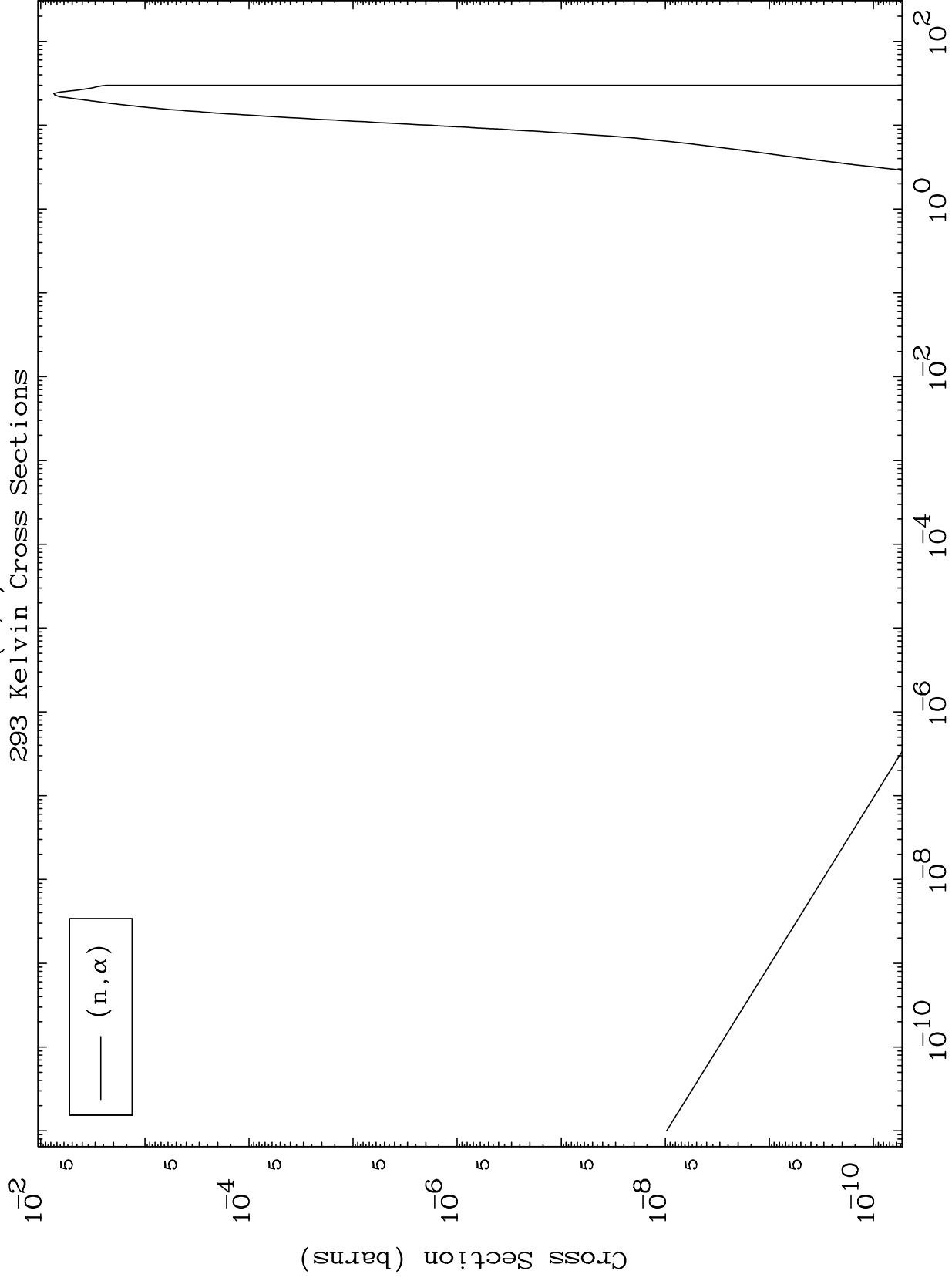
Incident Energy (MeV)

77-Ir-194

MAT 7734

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

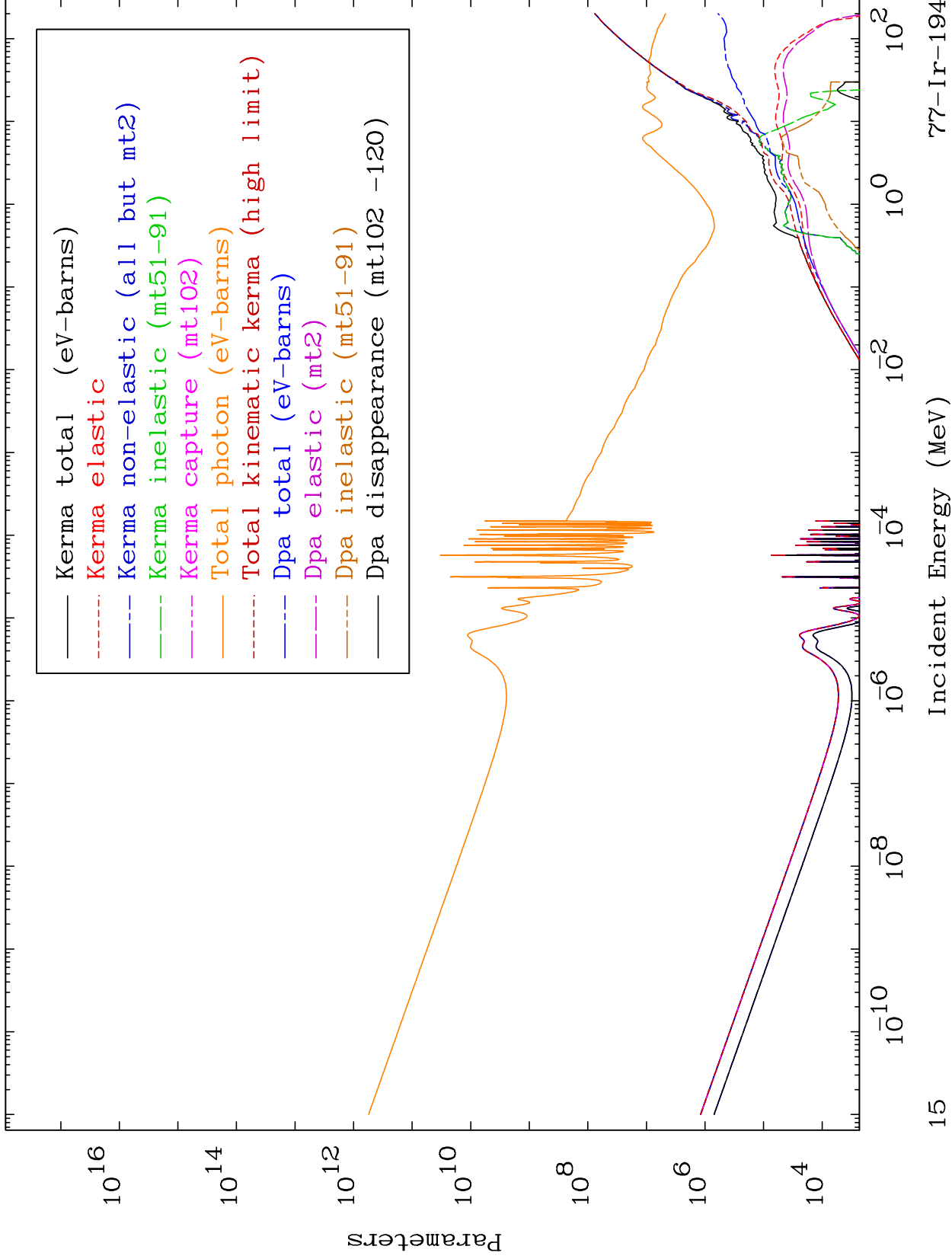
77-Ir-194



14

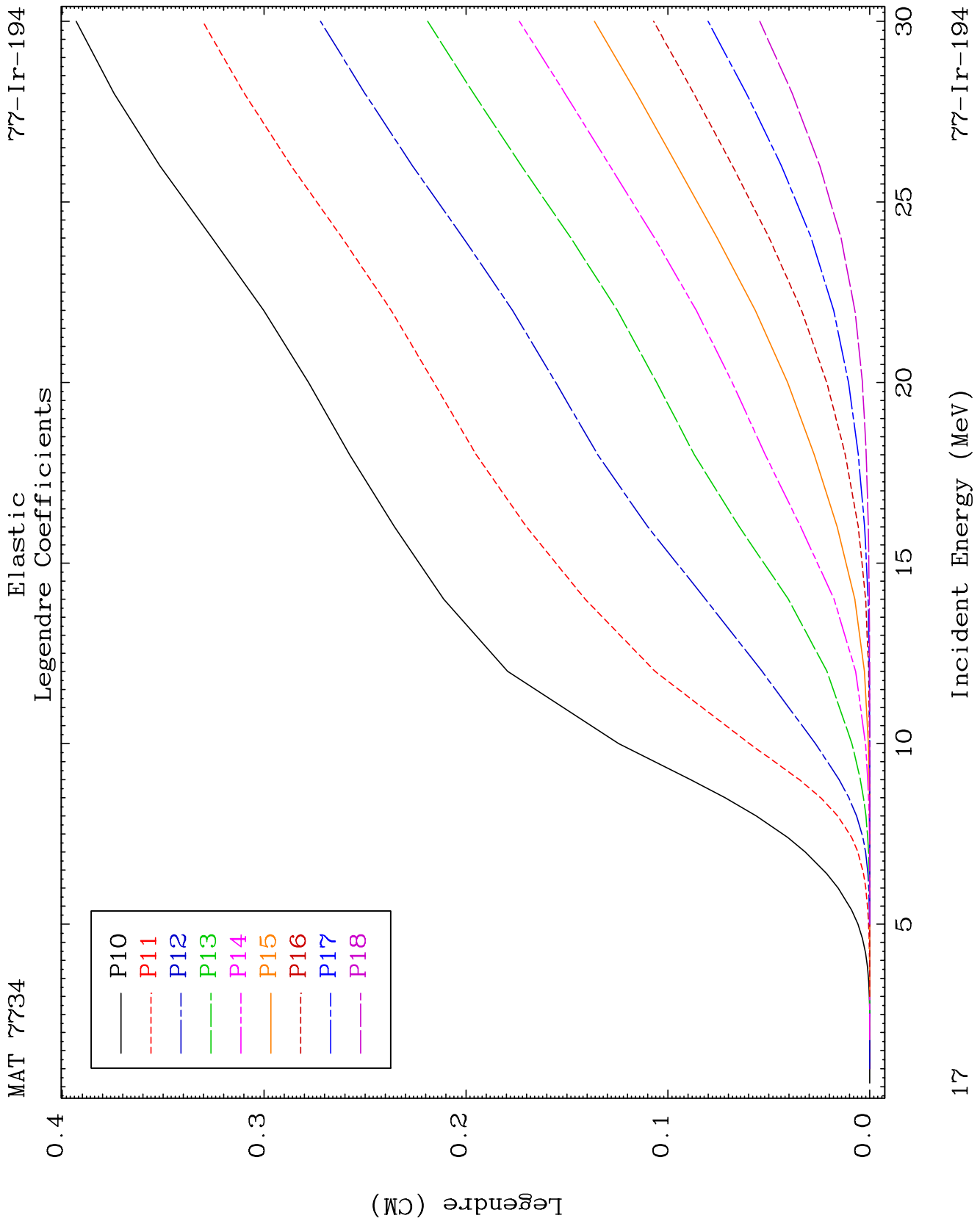
Incident Energy (MeV)

77-Ir-194





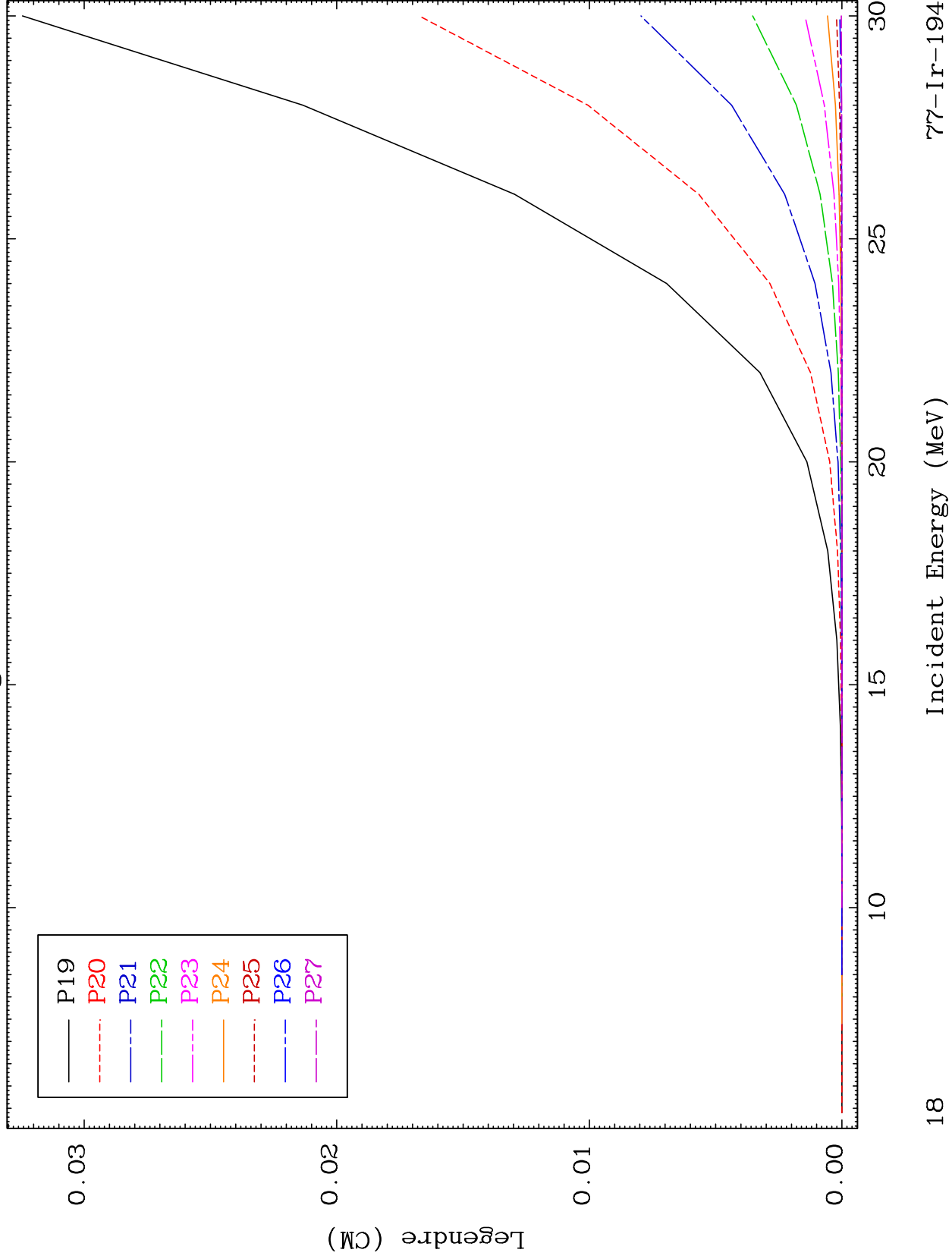




MAT 7734

### Elastic Legendre Coefficients

77-Ir-194

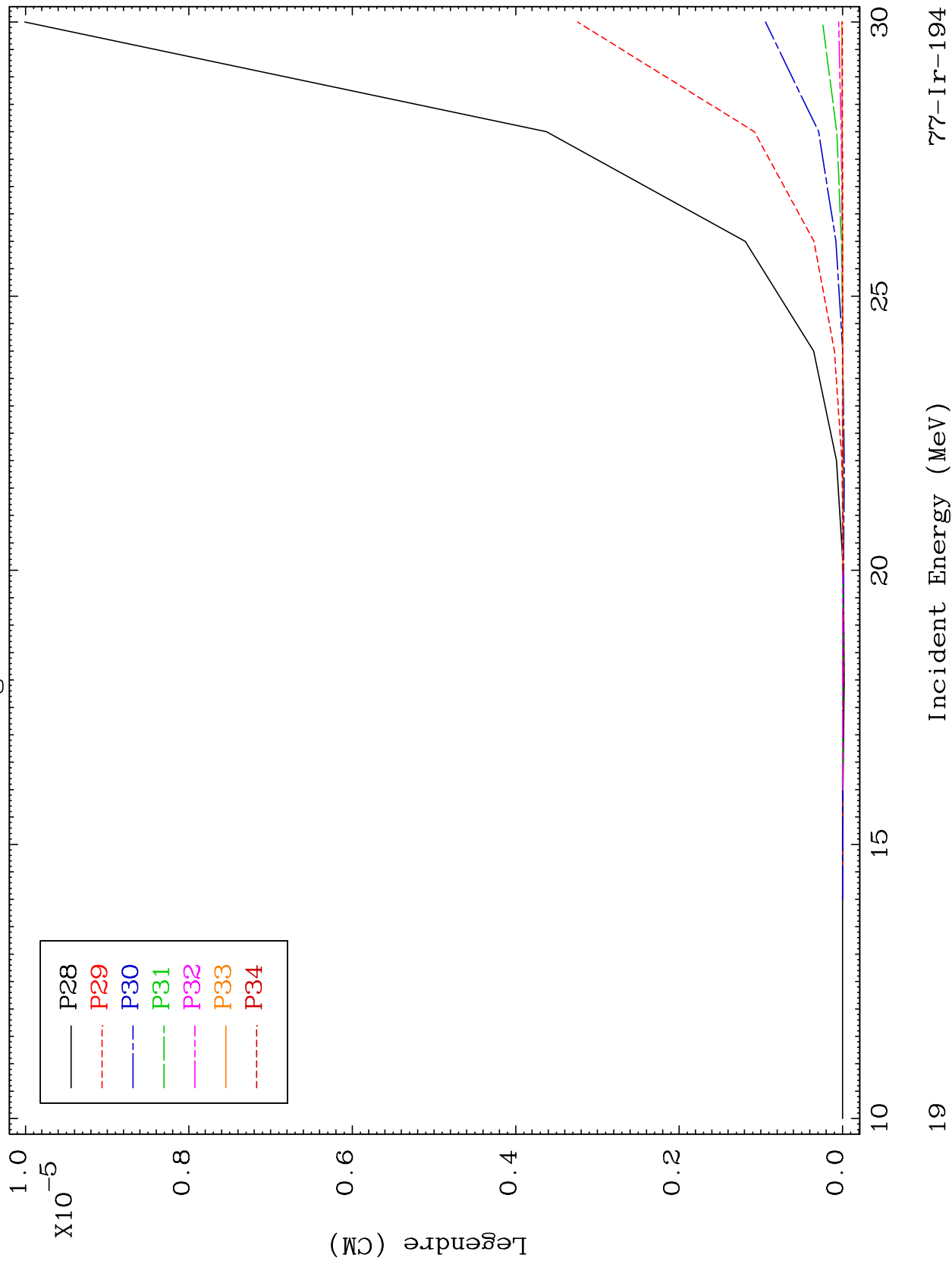


- P19
- P20
- P21
- P22
- P23
- P24
- P25
- P26
- P27

MAT 7734

Elastic Legendre Coefficients

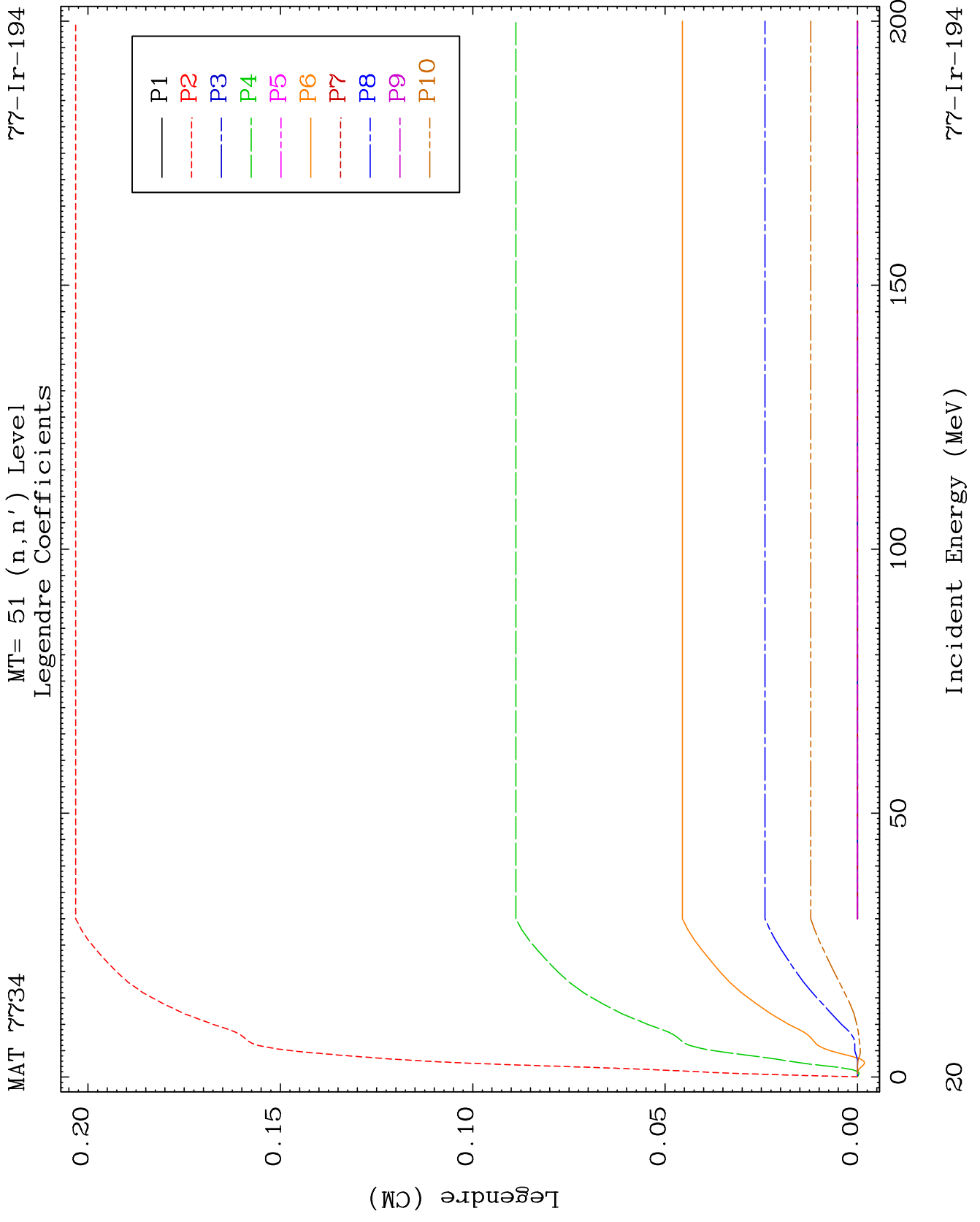
77-Ir-194

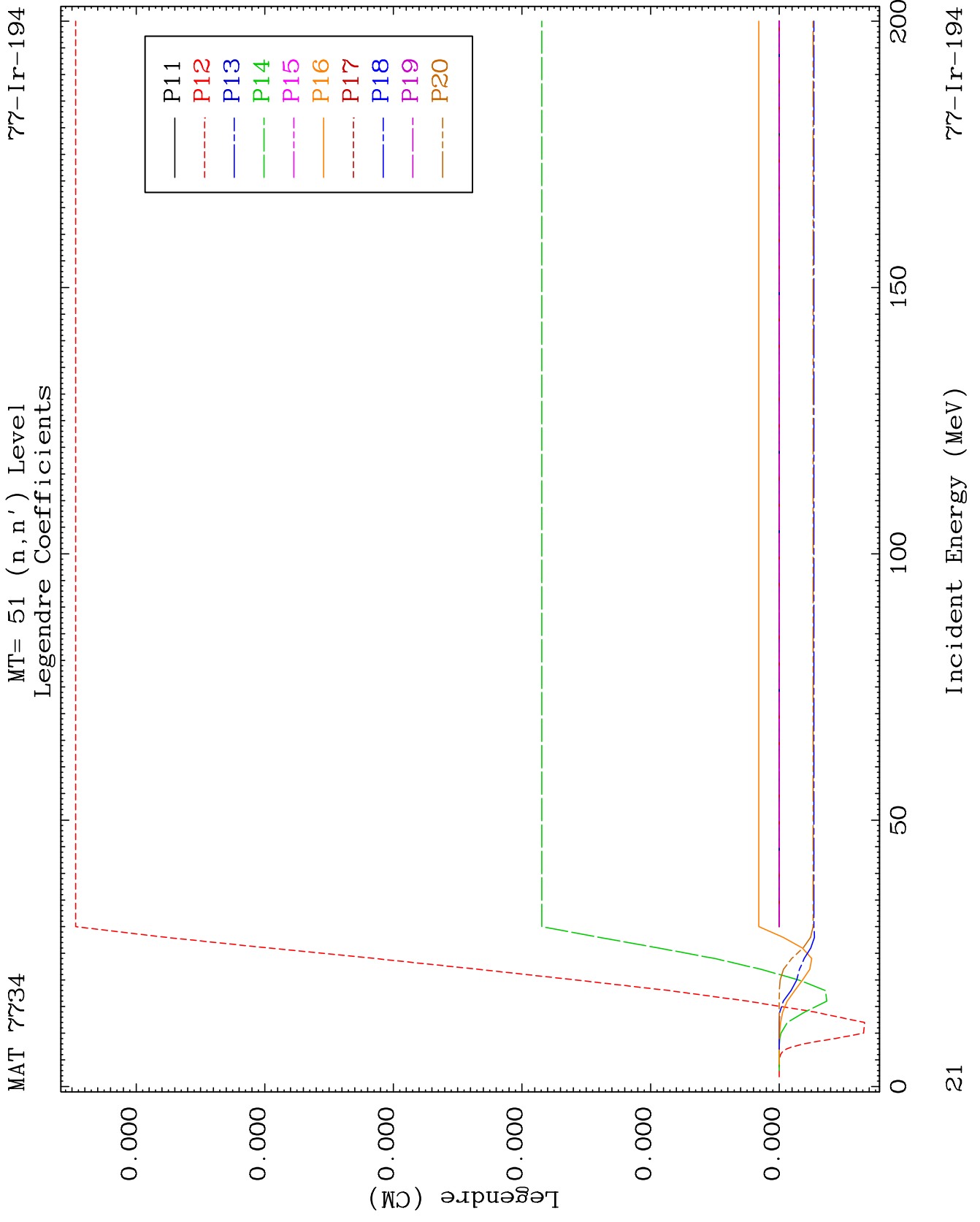


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Incident Energy (MeV)

77-Ir-194

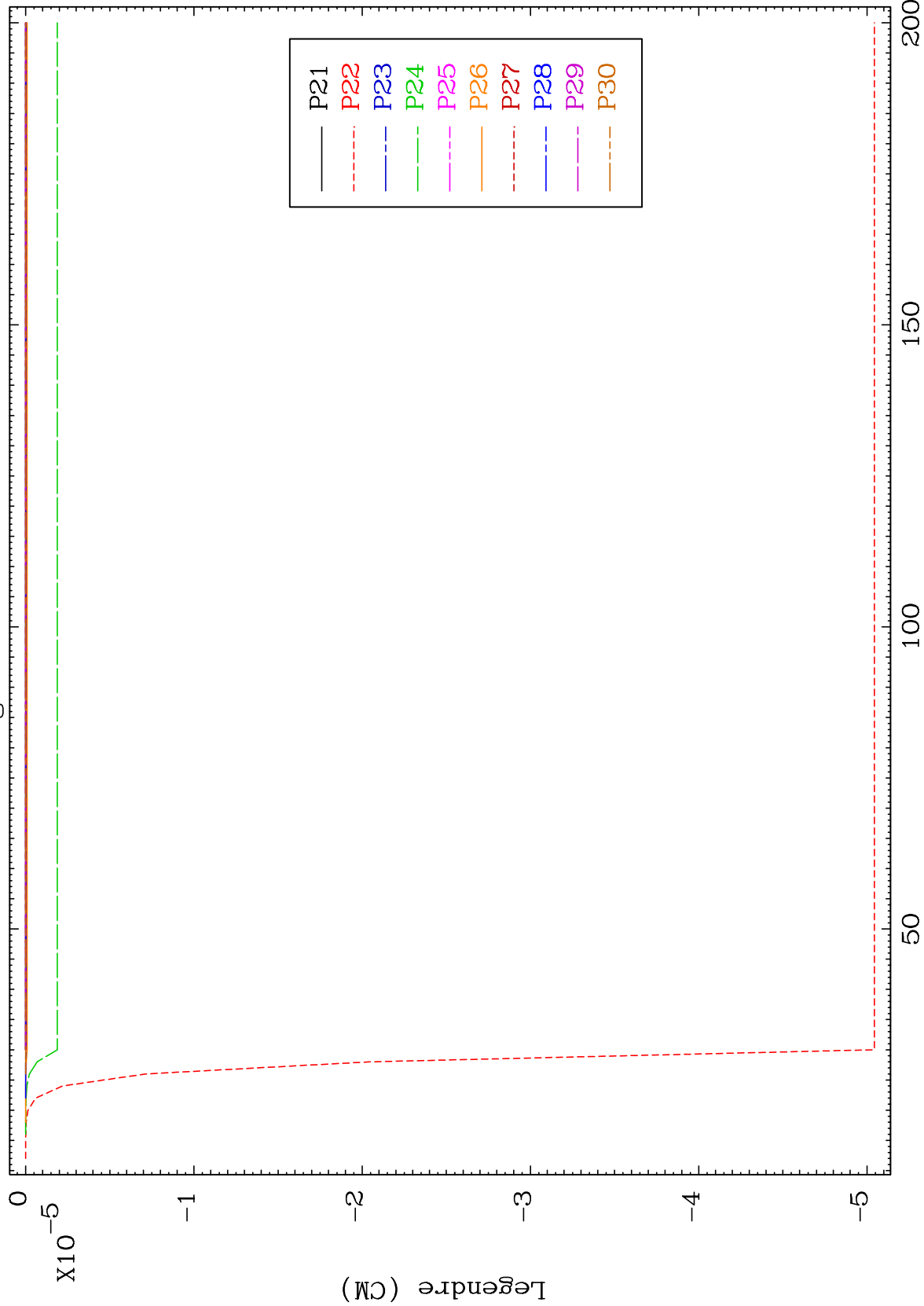




MAT 7734

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

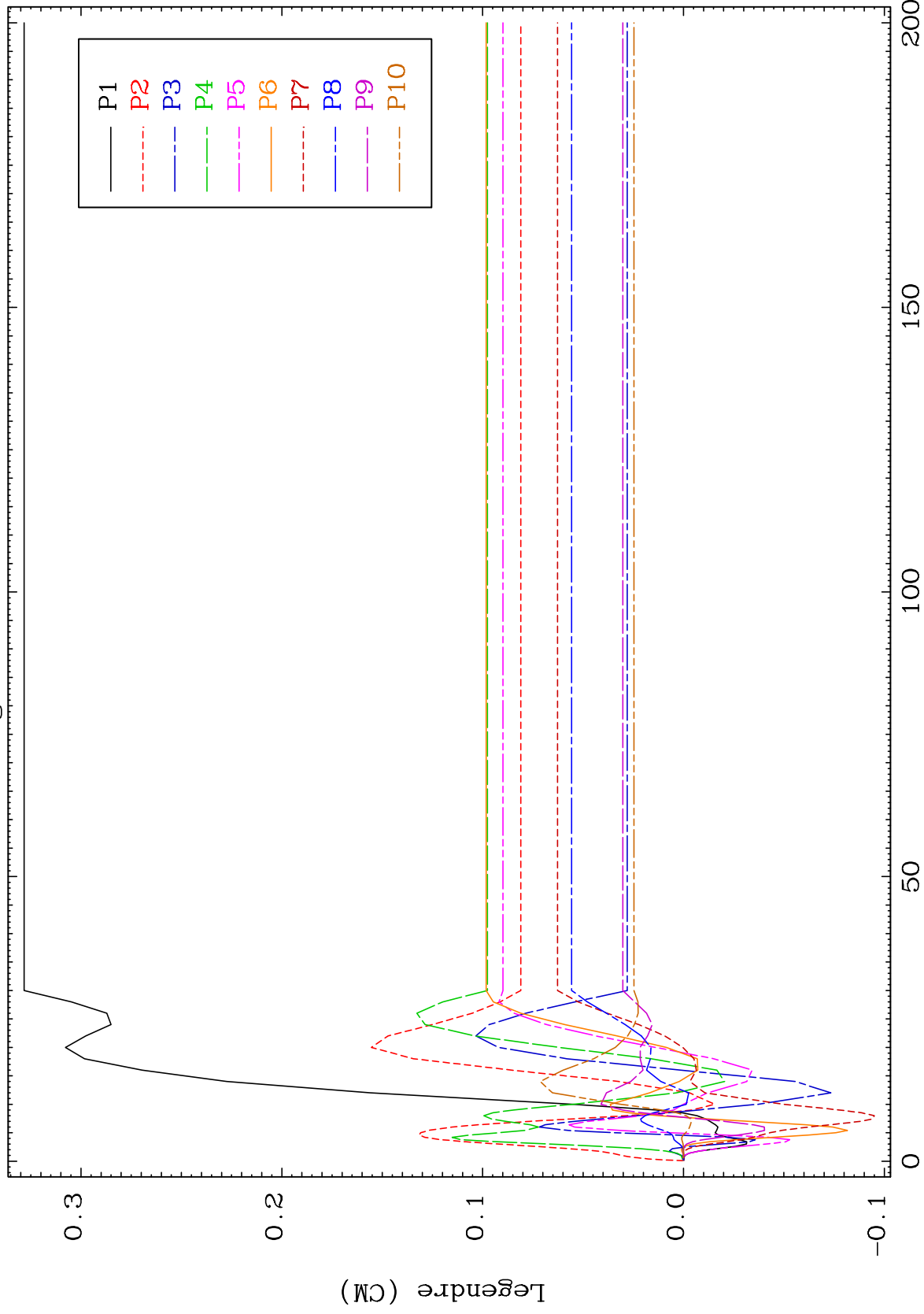
77-Ir-194



MAT 7734

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

77-Ir-194



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Incident Energy (MeV)

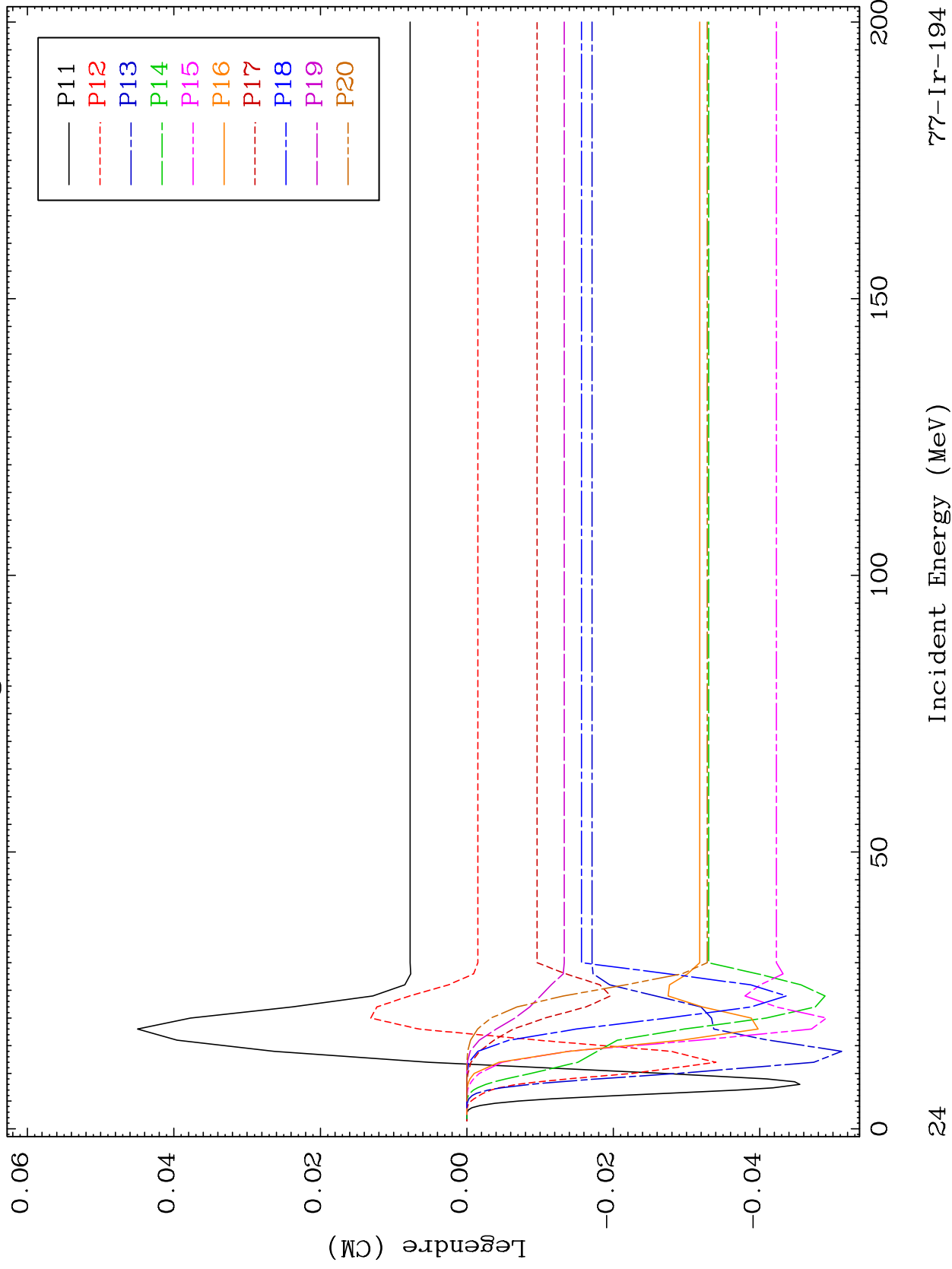
77-Ir-194



MAT 7734

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

77-Ir-194



77-Ir-194

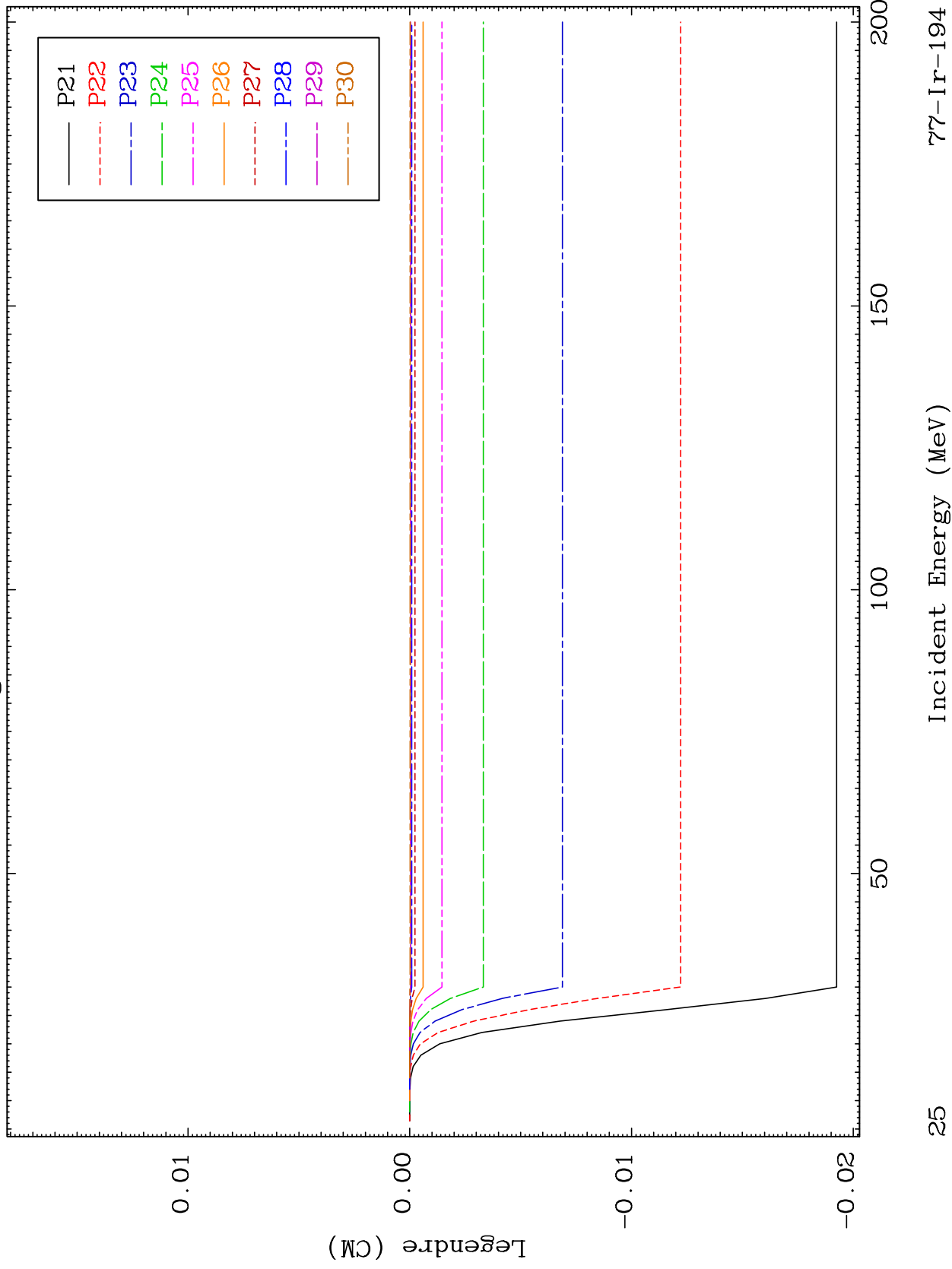
Incident Energy (MeV)

24

MAT 7734

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

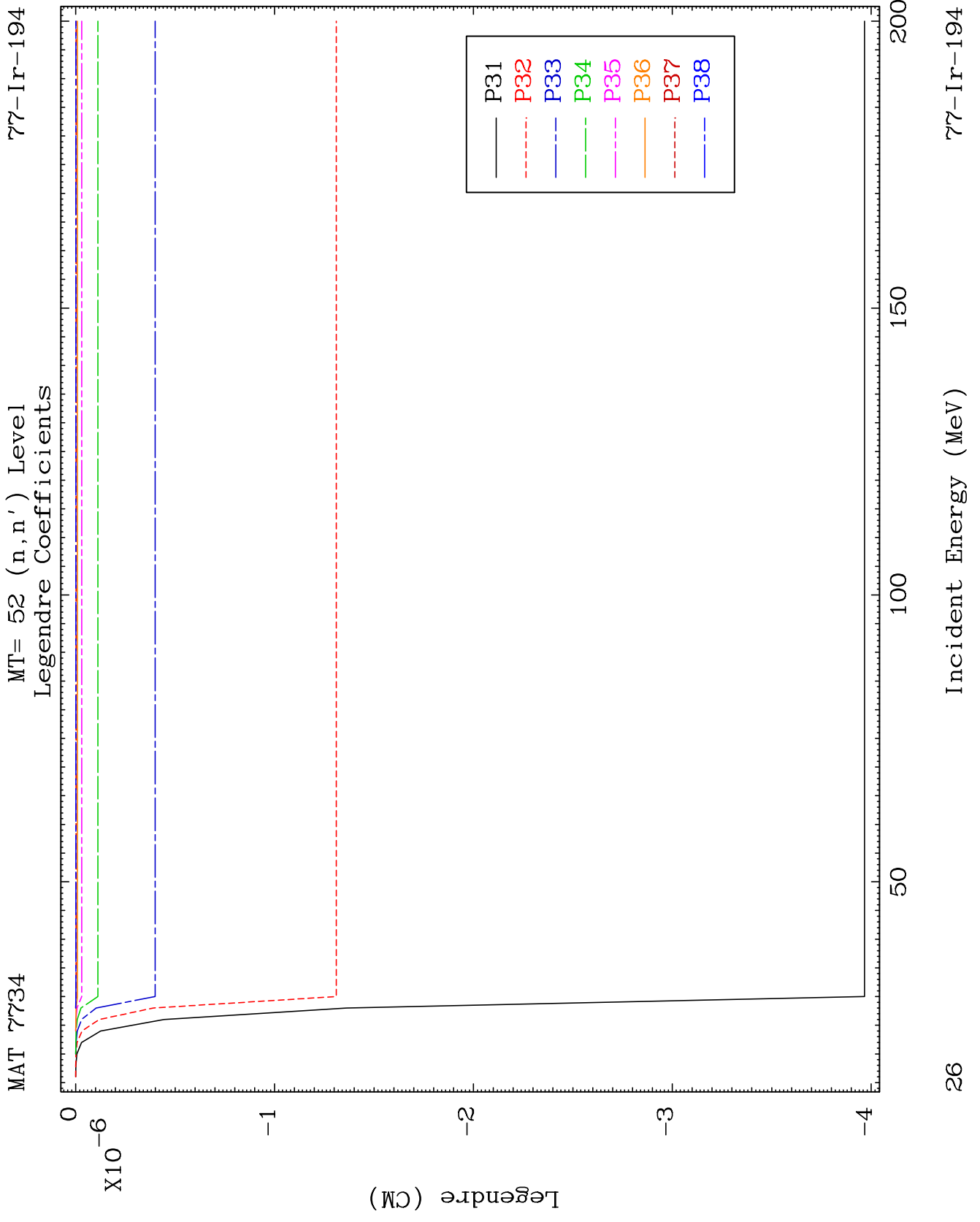
77-Ir-194



77-Ir-194

Incident Energy (MeV)

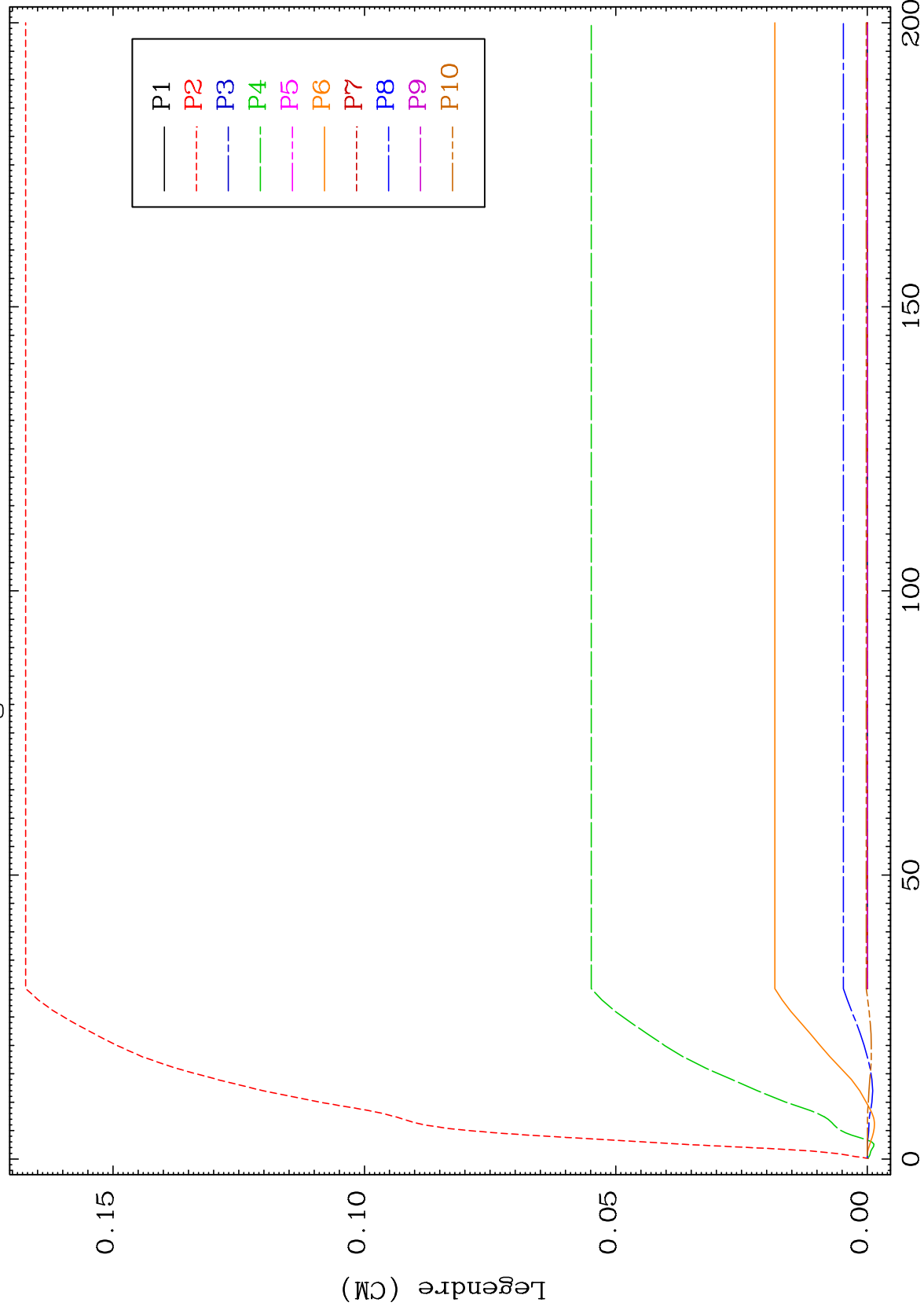
25



MAT 7734

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

77-Ir-194



27

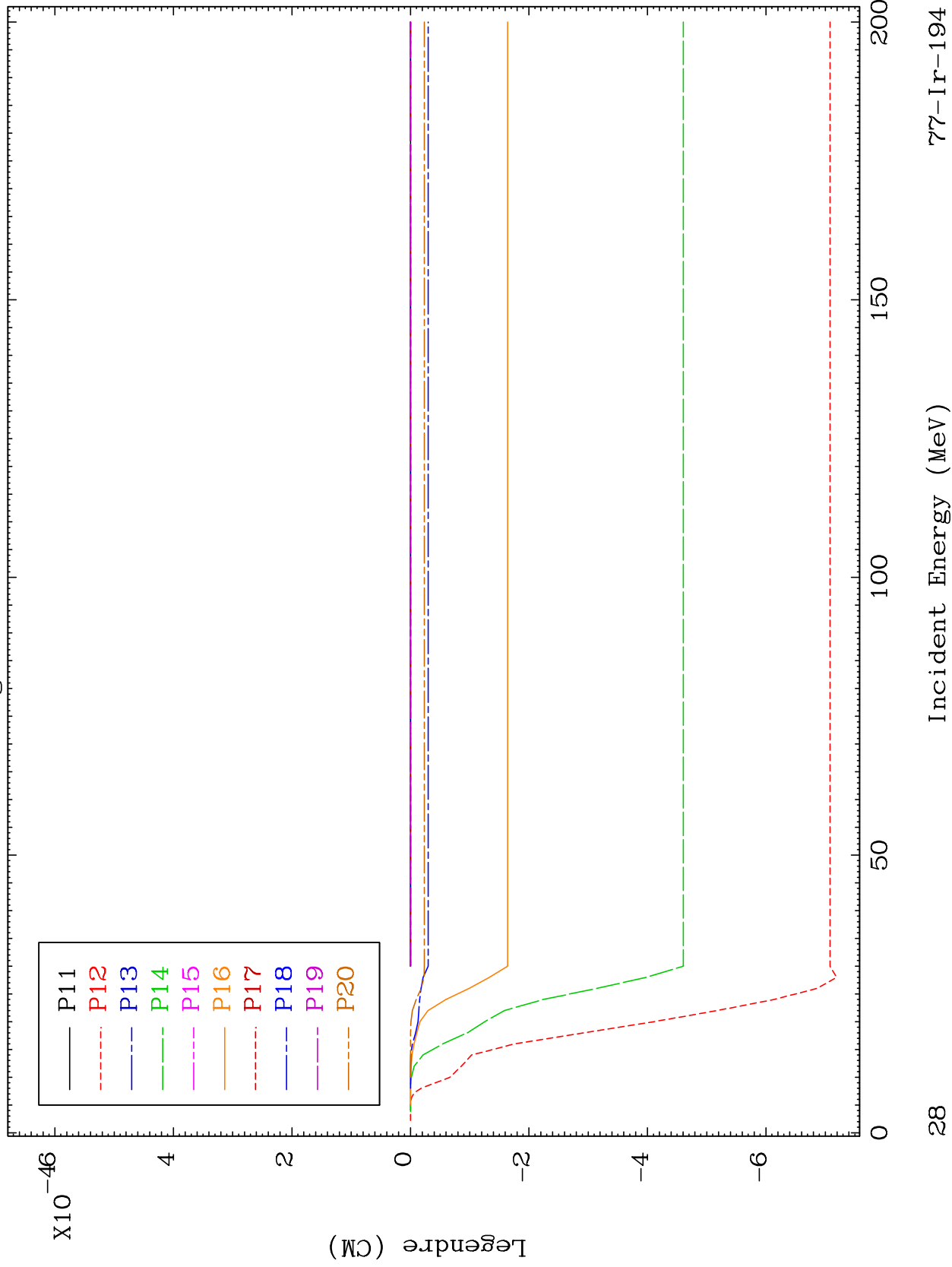
Incident Energy (MeV)

77-Ir-194

MAT 7734

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

77-Ir-194



28

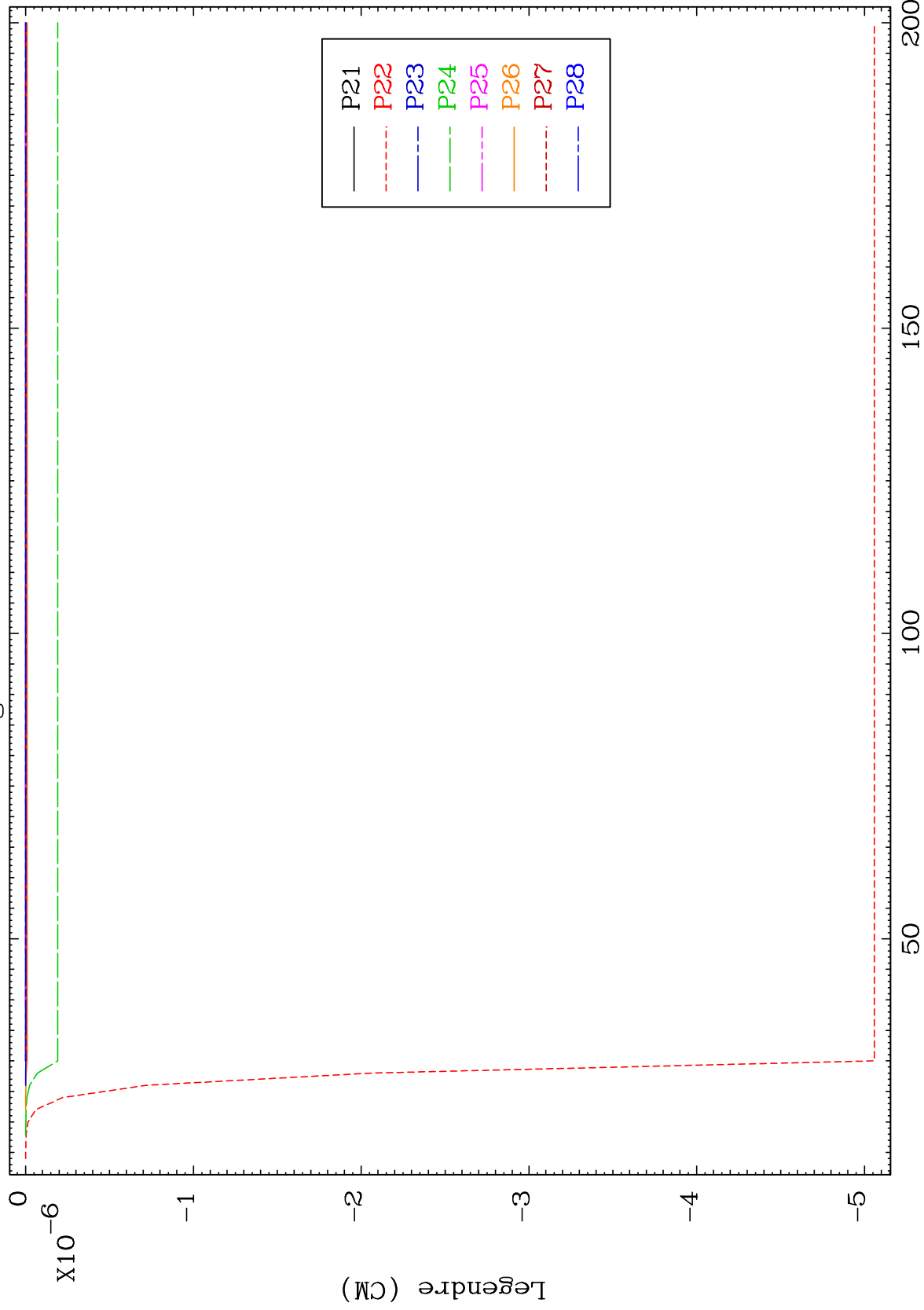
Incident Energy (MeV)

77-Ir-194

MAT 7734

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

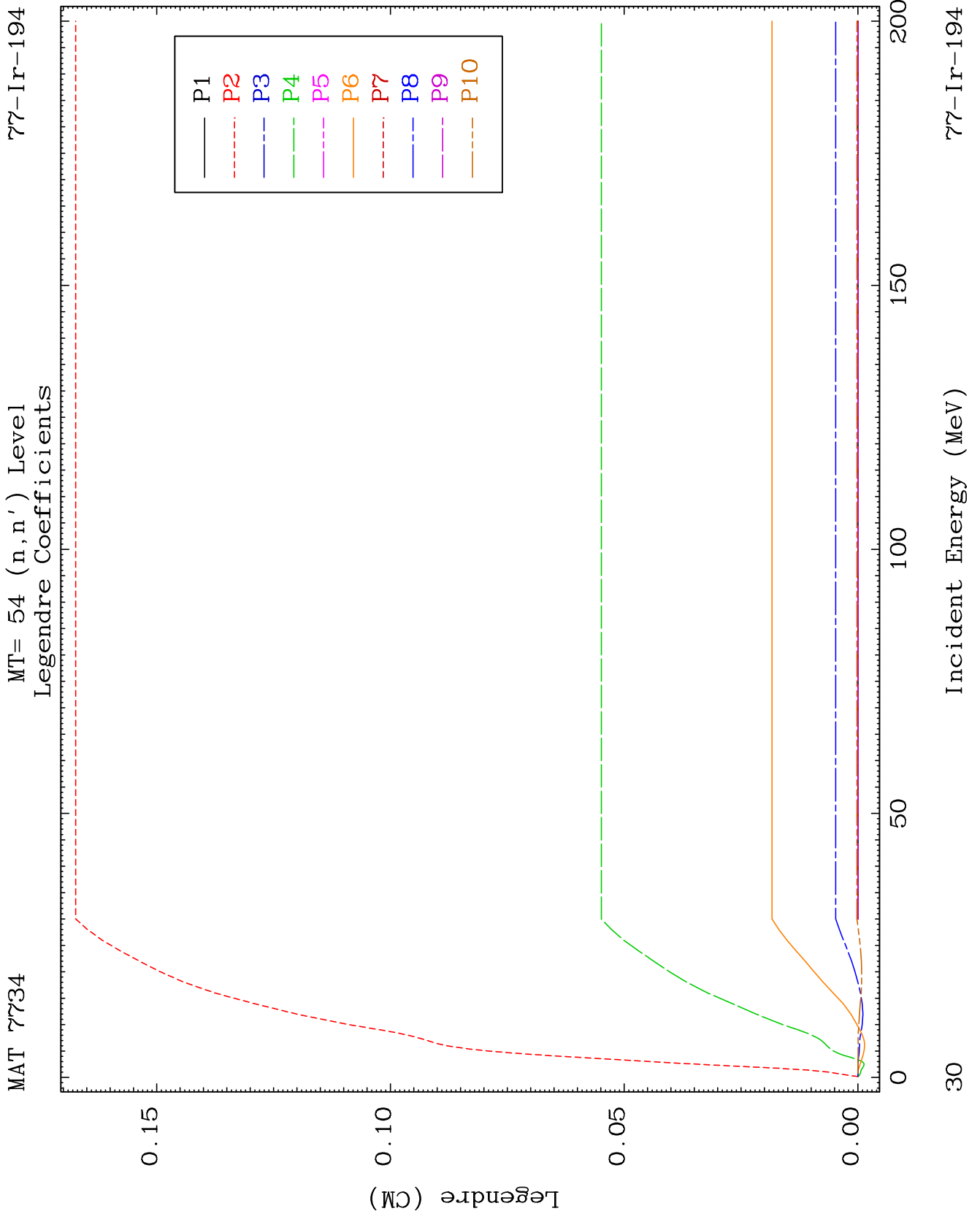
77-Ir-194



29

Incident Energy (MeV)

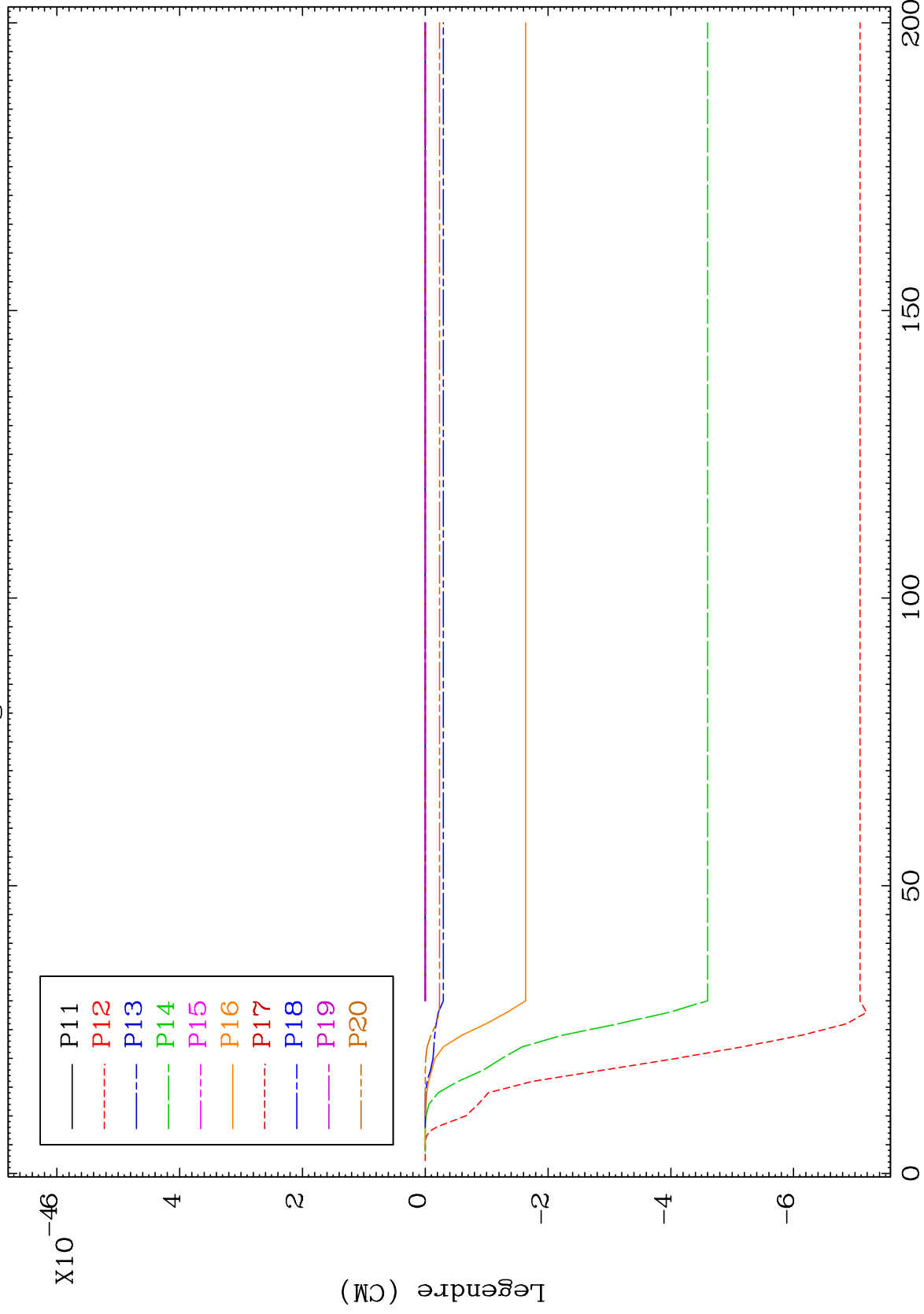
77-Ir-194



MAT 7734

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

77-Ir-194



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Incident Energy (MeV)

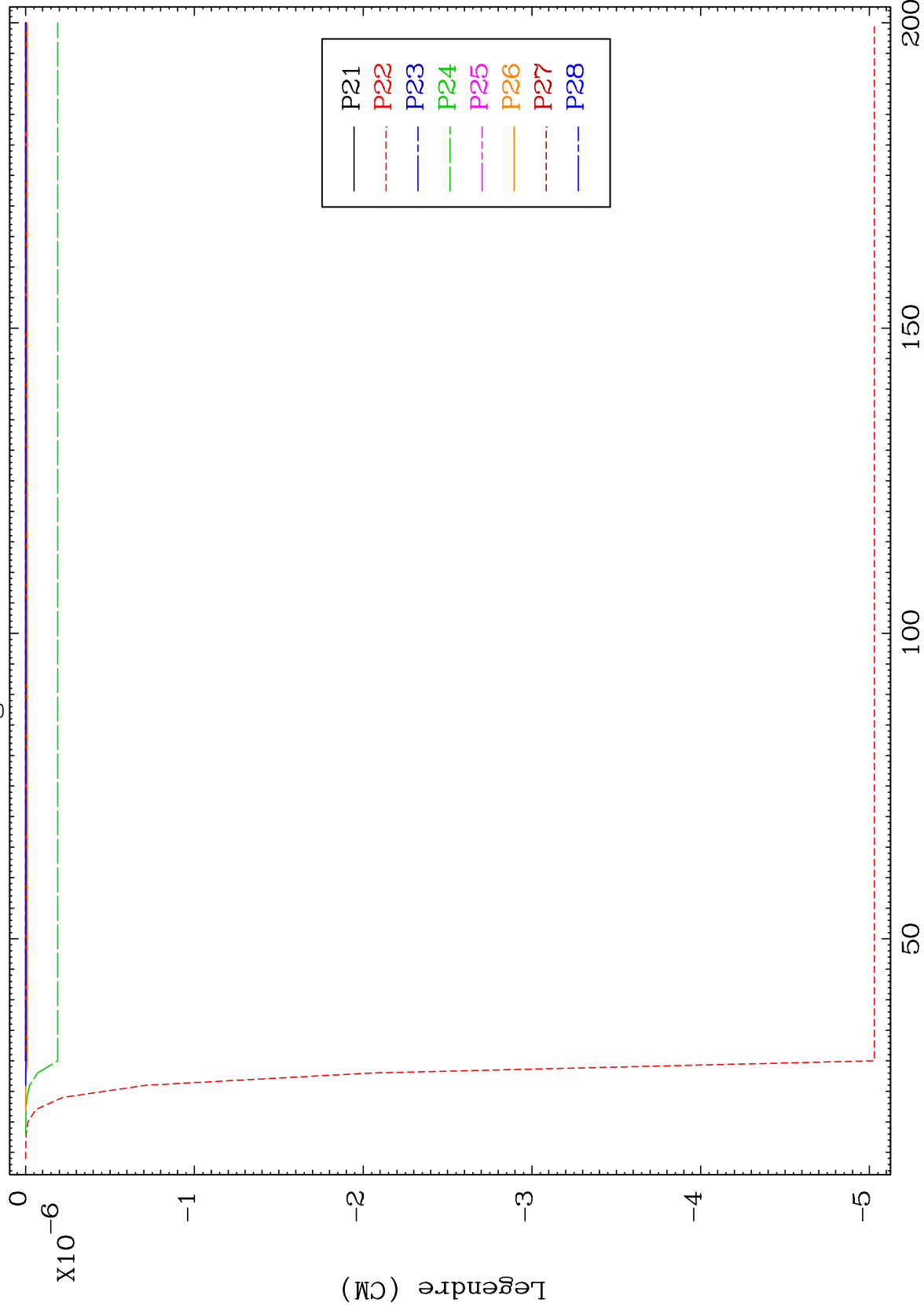
77-Ir-194



MAT 7734

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

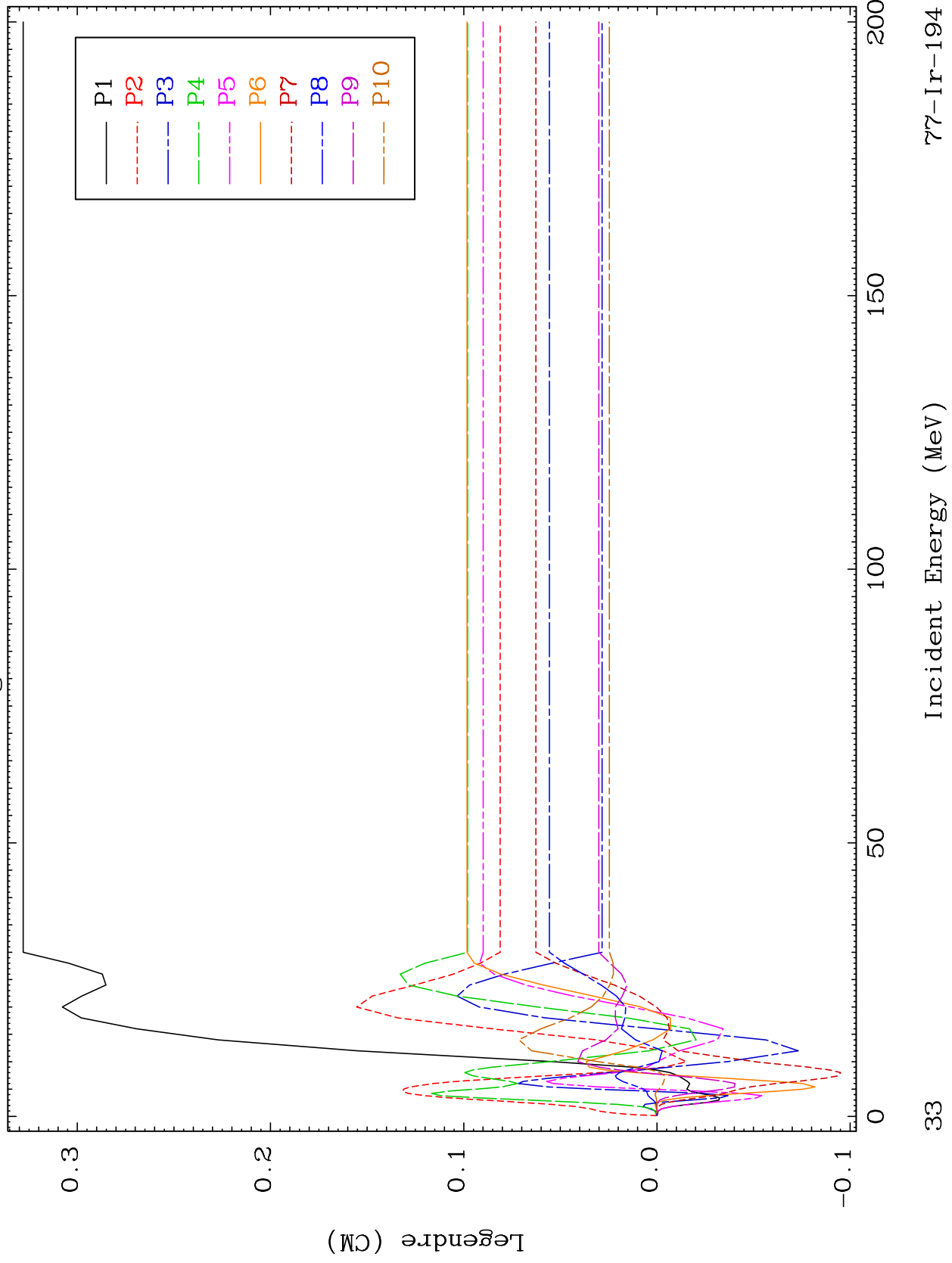
77-Ir-194



MAT 7734

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

77-Ir-194



77-Ir-194

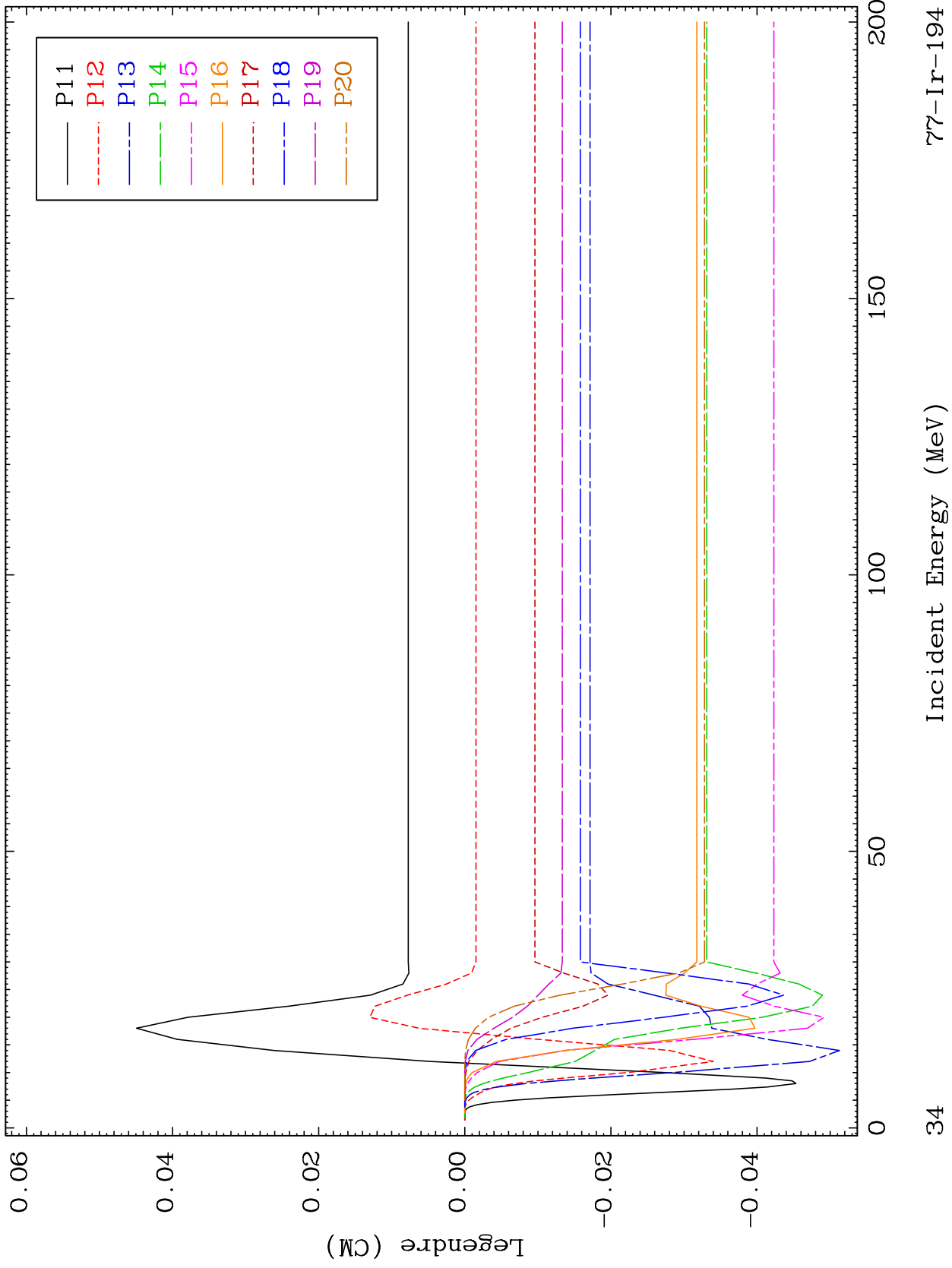
Incident Energy (MeV)

33

MAT 7734

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

77-Ir-194



34

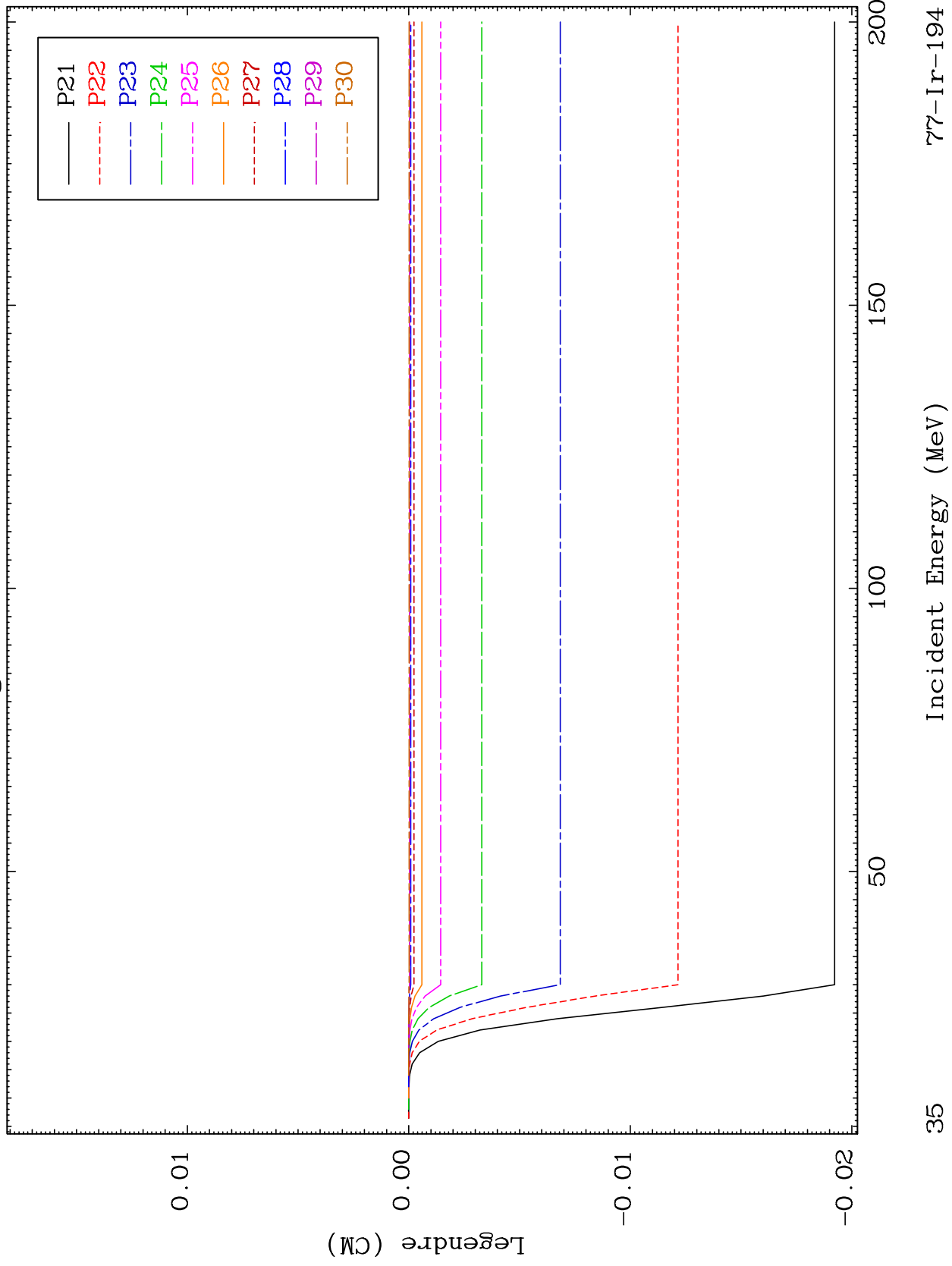
Incident Energy (MeV)

77-Ir-194

MAT 7734

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

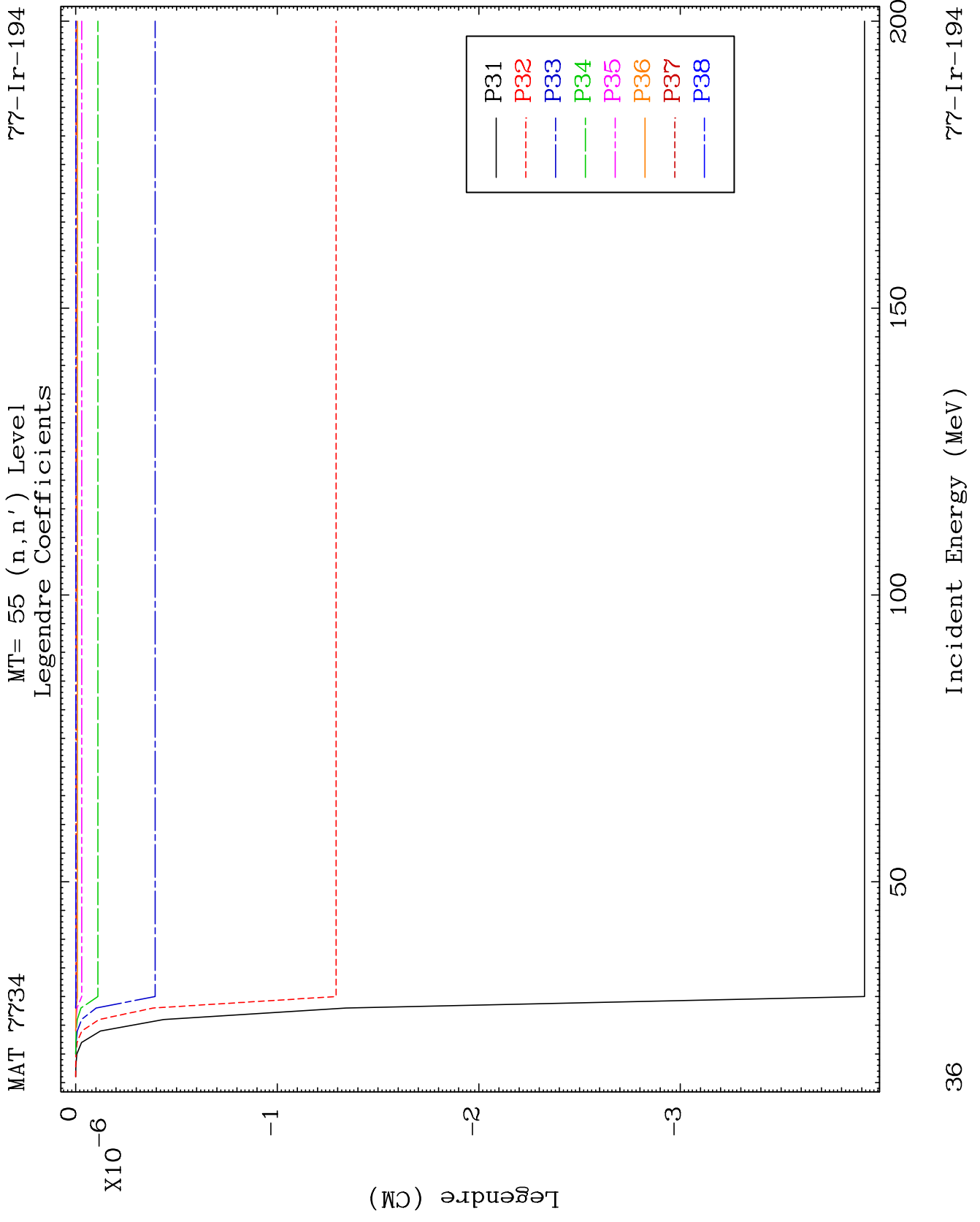
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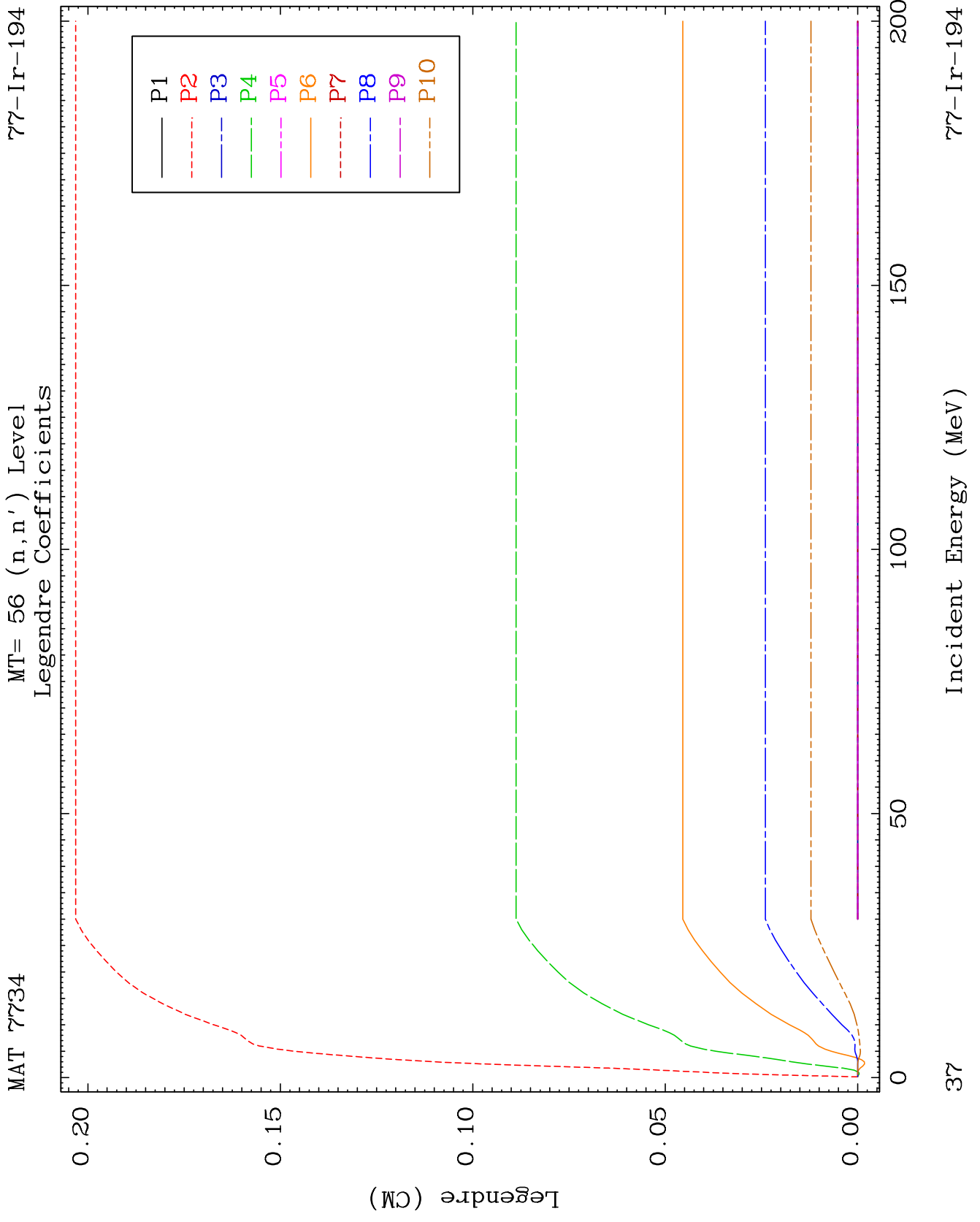


77-Ir-194

Incident Energy (MeV)

35

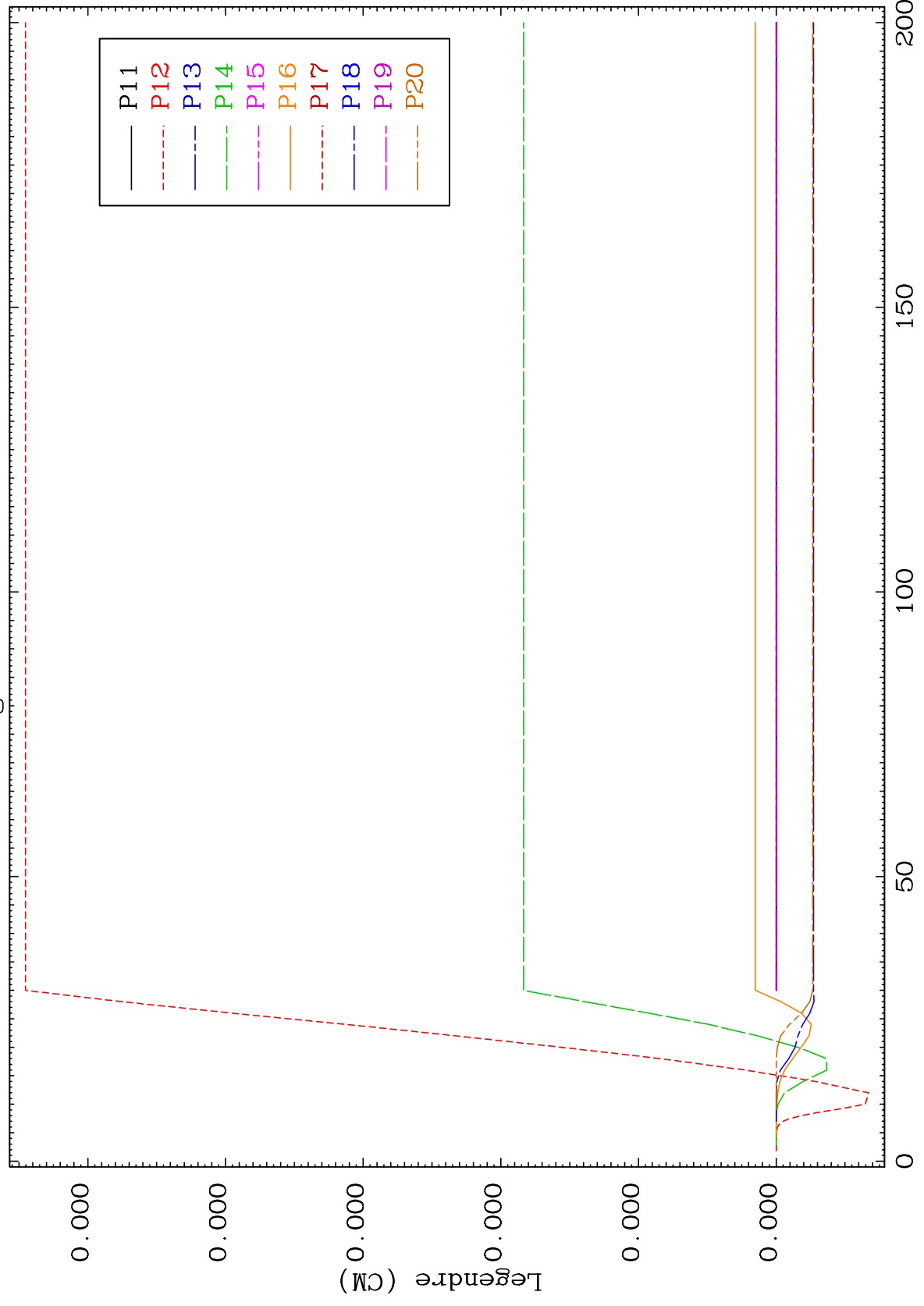




MAT 7734

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

77-Ir-194



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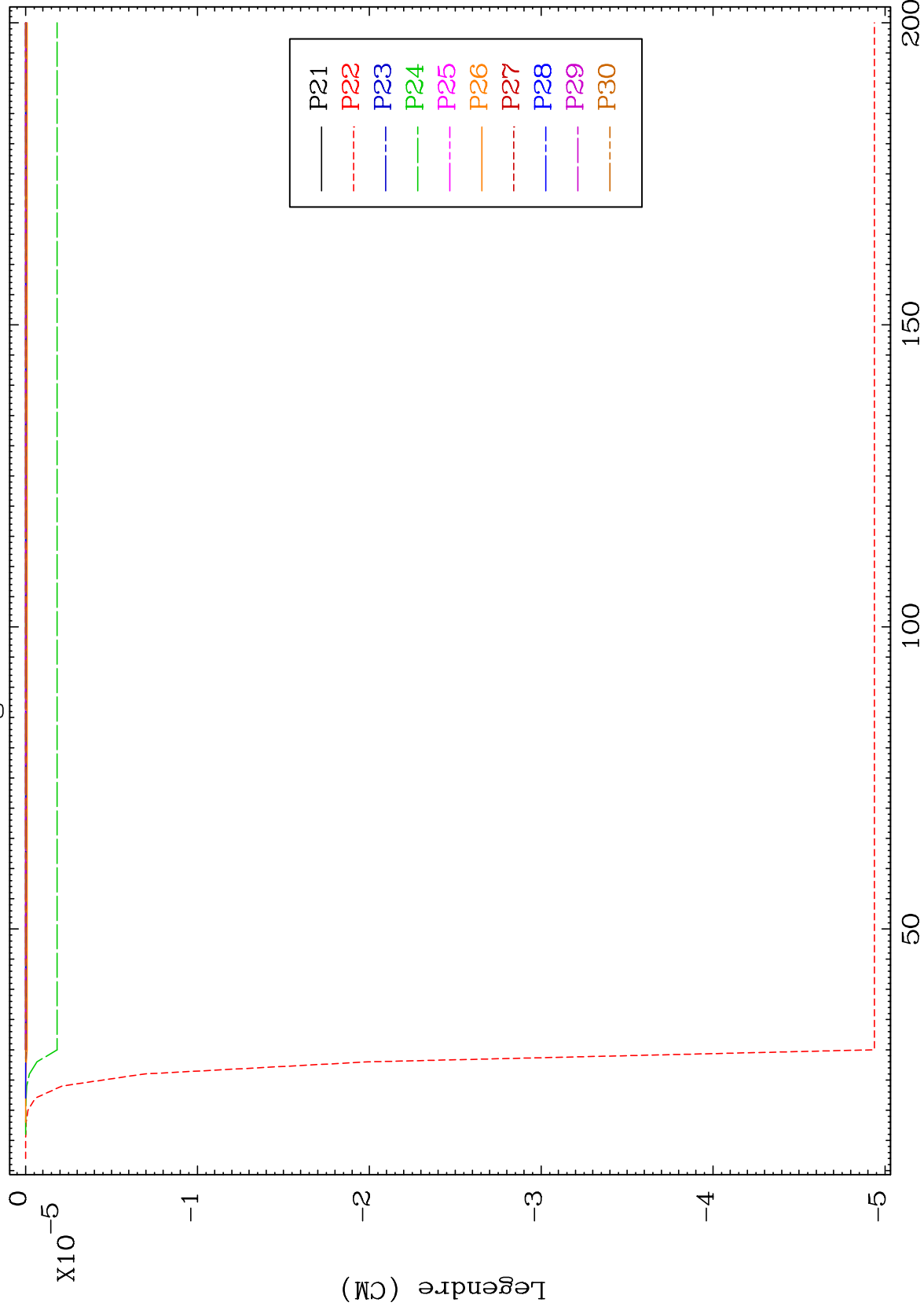
Incident Energy (MeV)

77-Ir-194

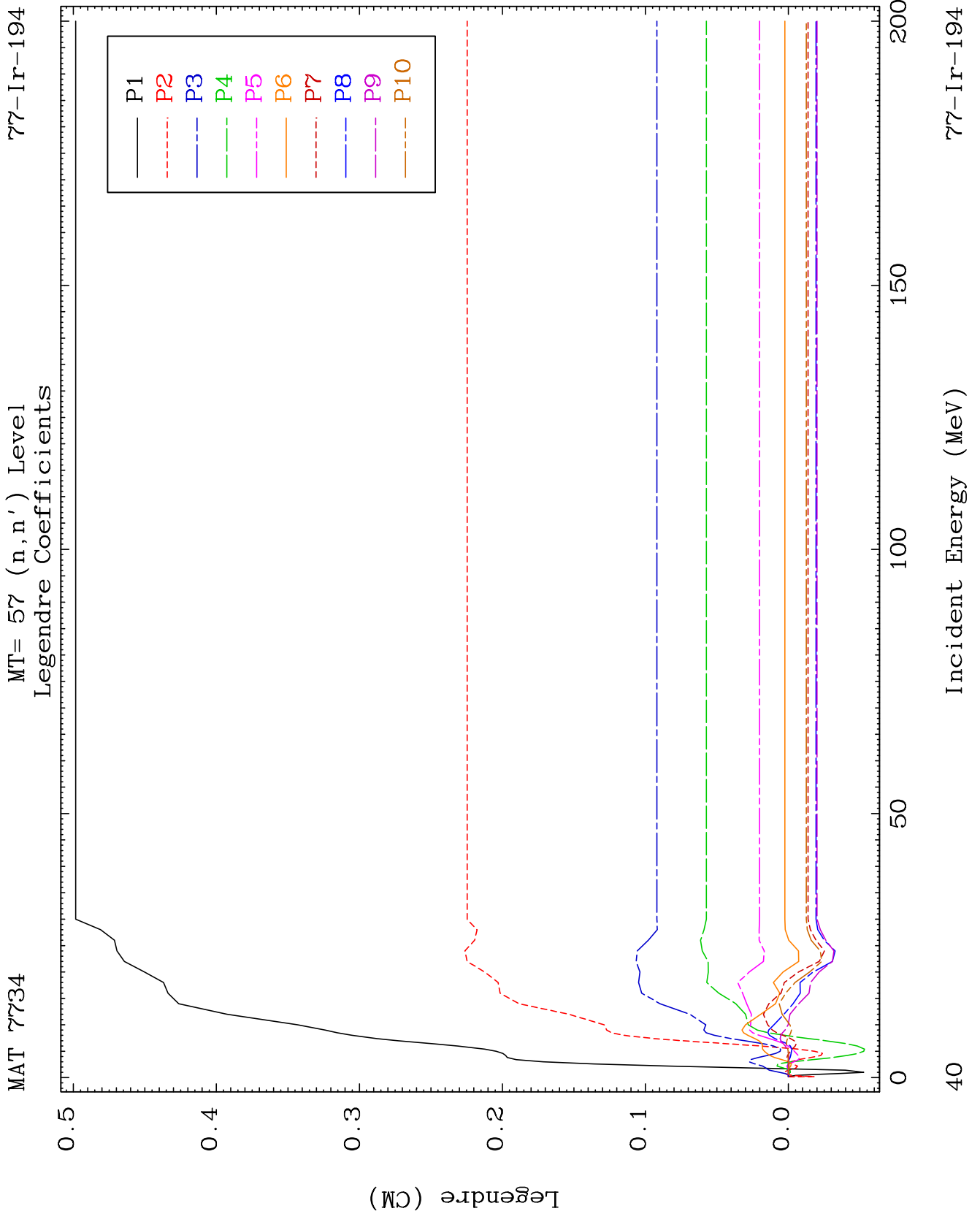
MAT 7734

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

77-Ir-194



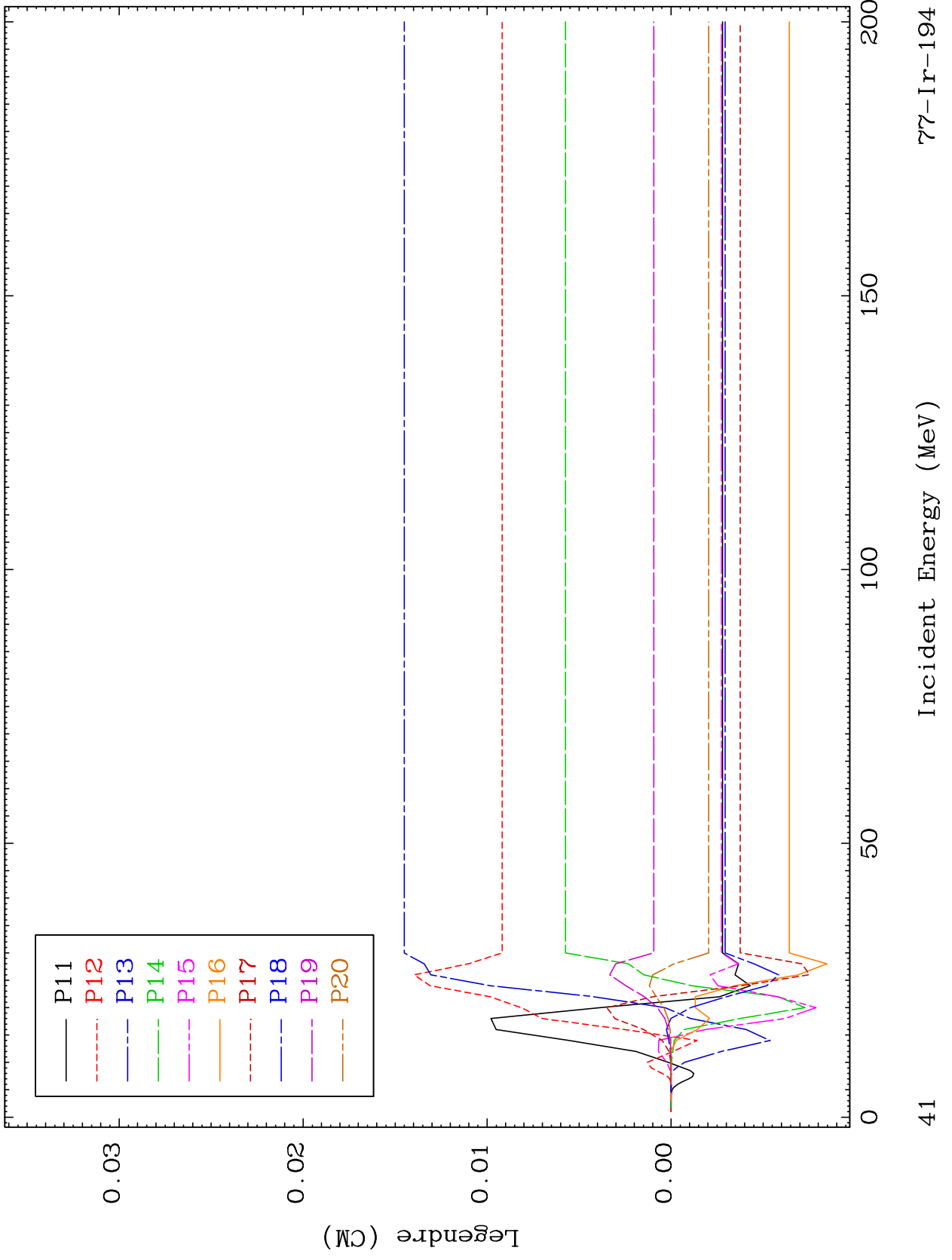




MAT 7734

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

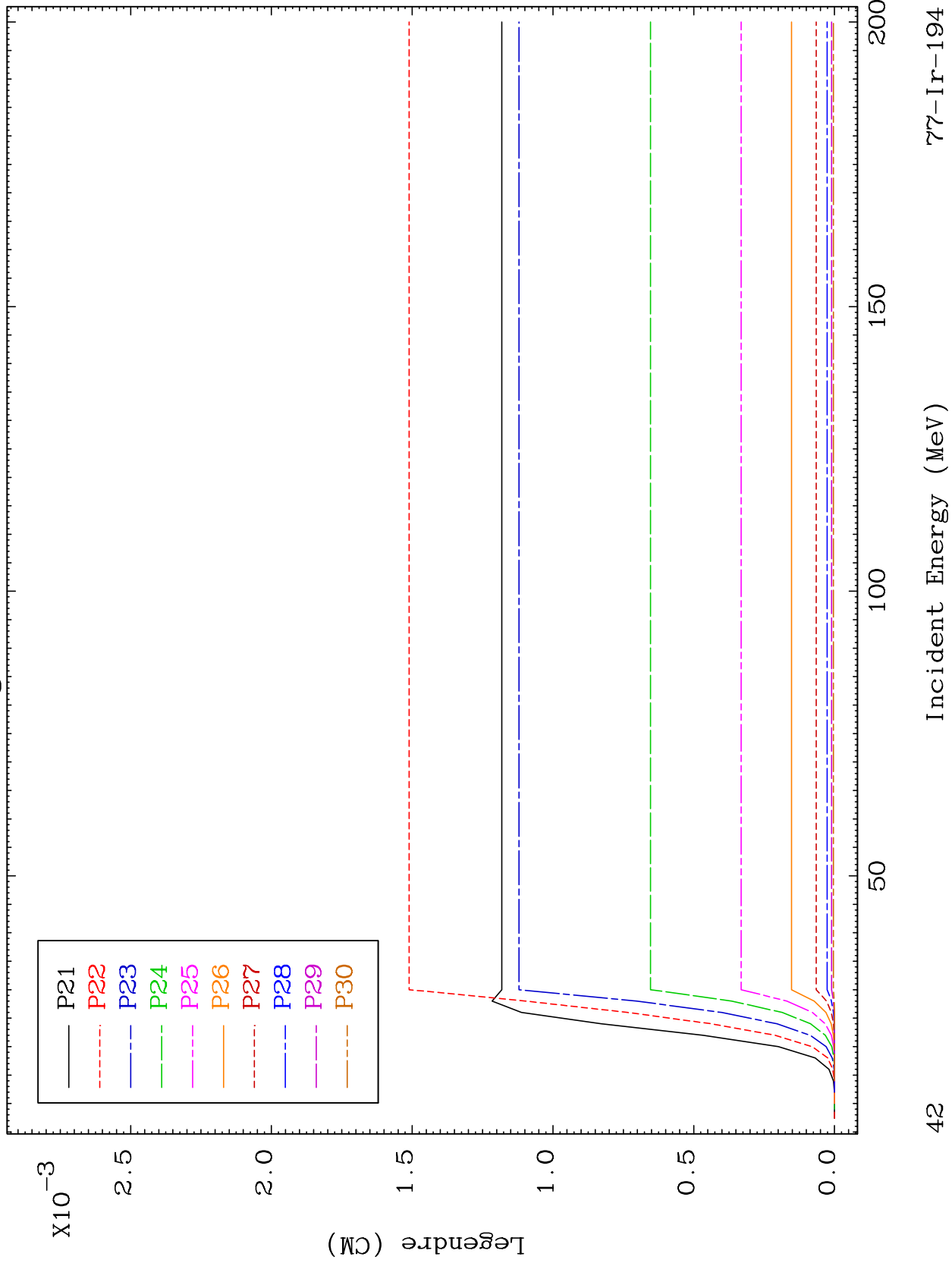
77-Ir-194



MAT 7734

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

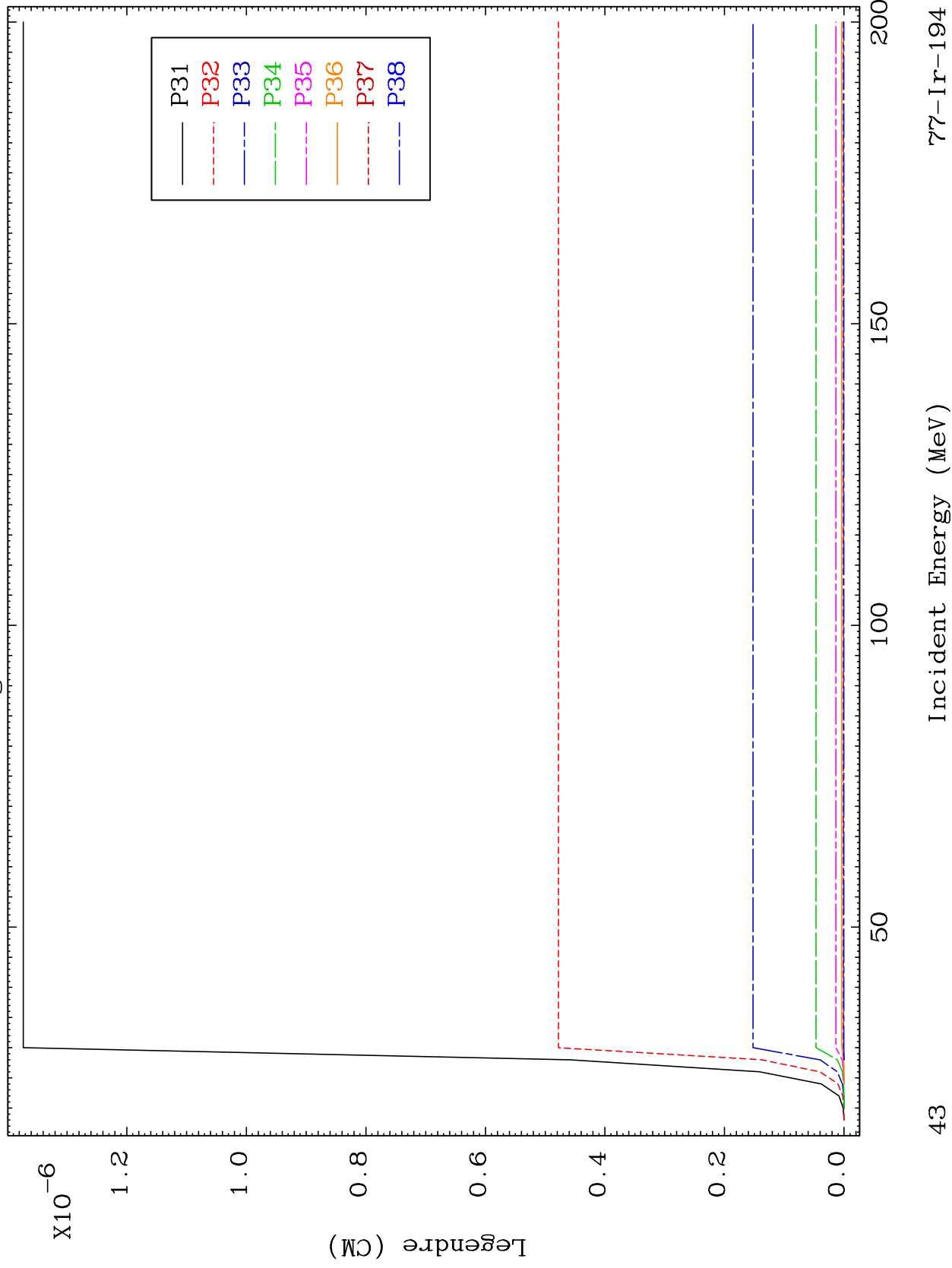
77-Ir-194



MAT 7734

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

77-Ir-194



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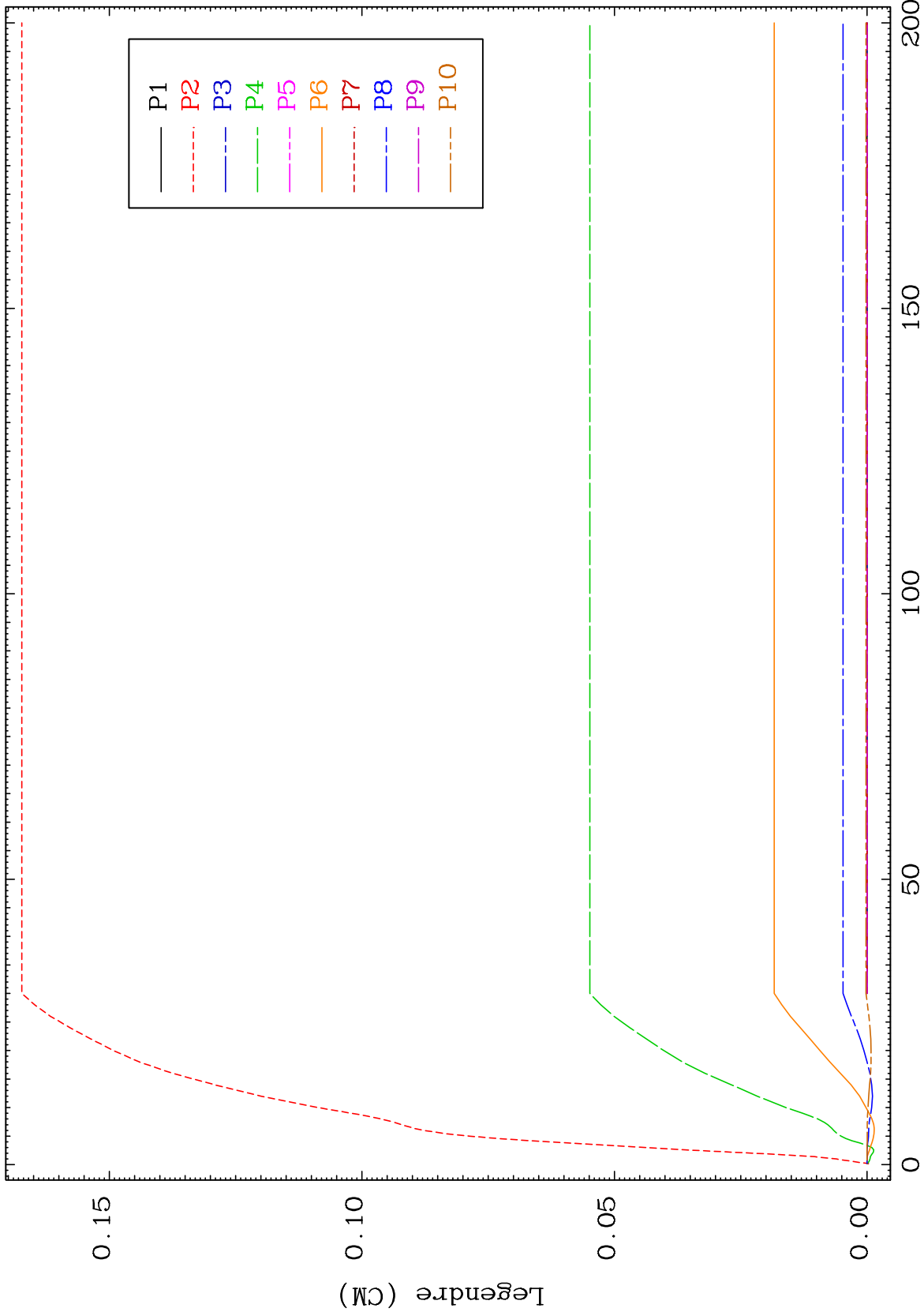
Incident Energy (MeV)

77-Ir-194

MAT 7734

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

77-Ir-194



44

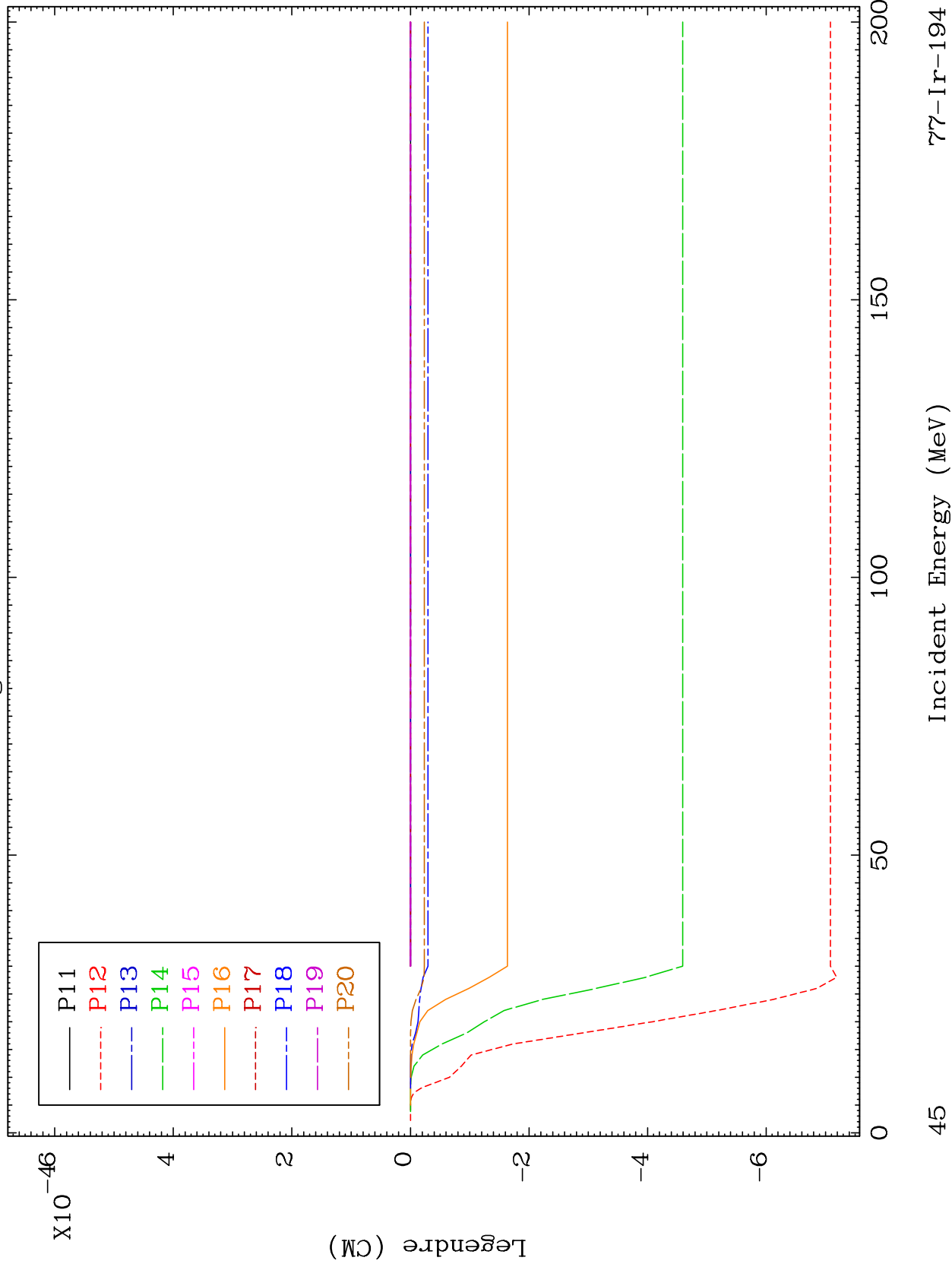
Incident Energy (MeV)

77-Ir-194

MAT 7734

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

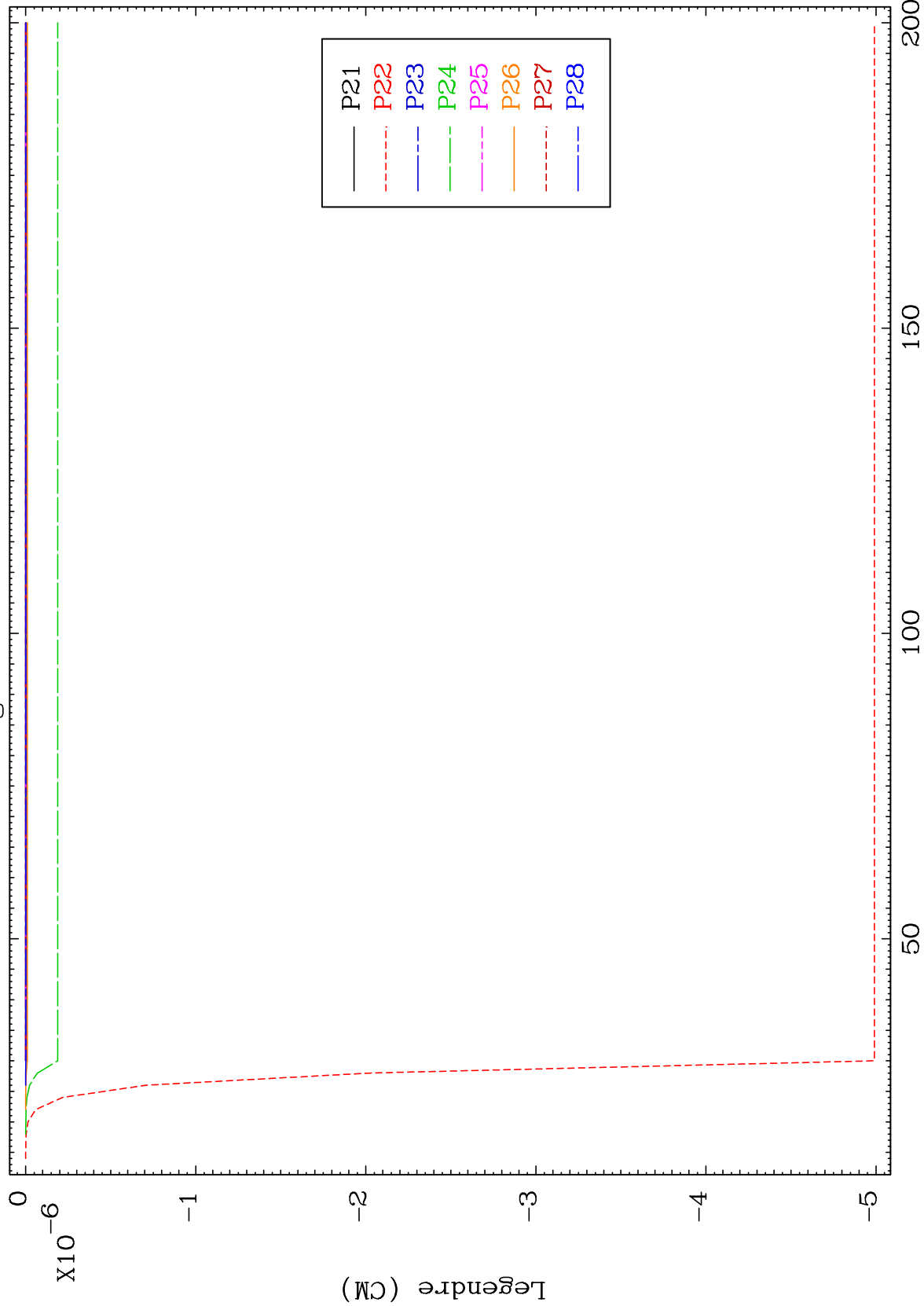
77-Ir-194



MAT 7734

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

77-Ir-194



46

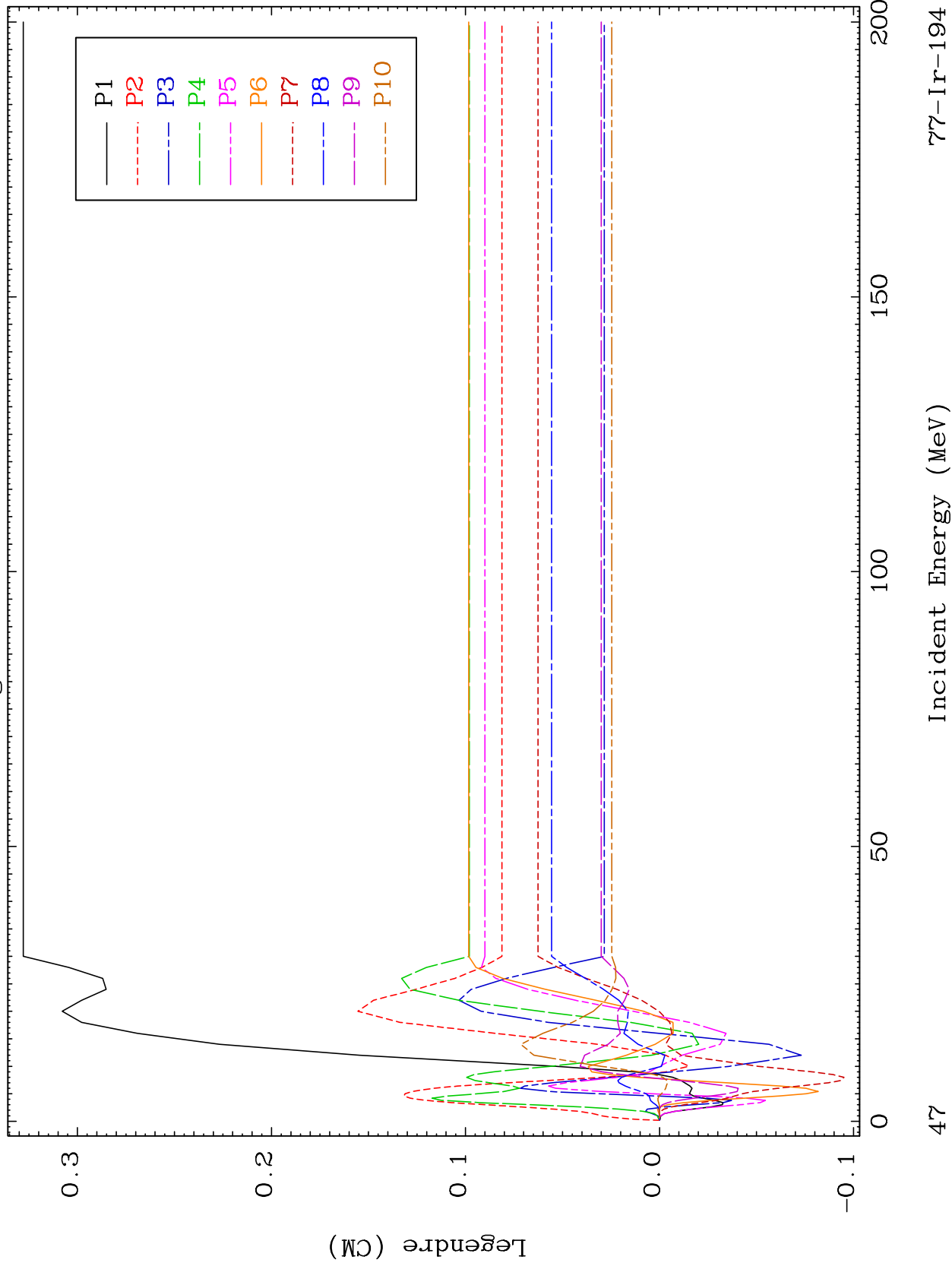
Incident Energy (MeV)

77-Ir-194

MAT 7734

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

77-Ir-194



47

Incident Energy (MeV)

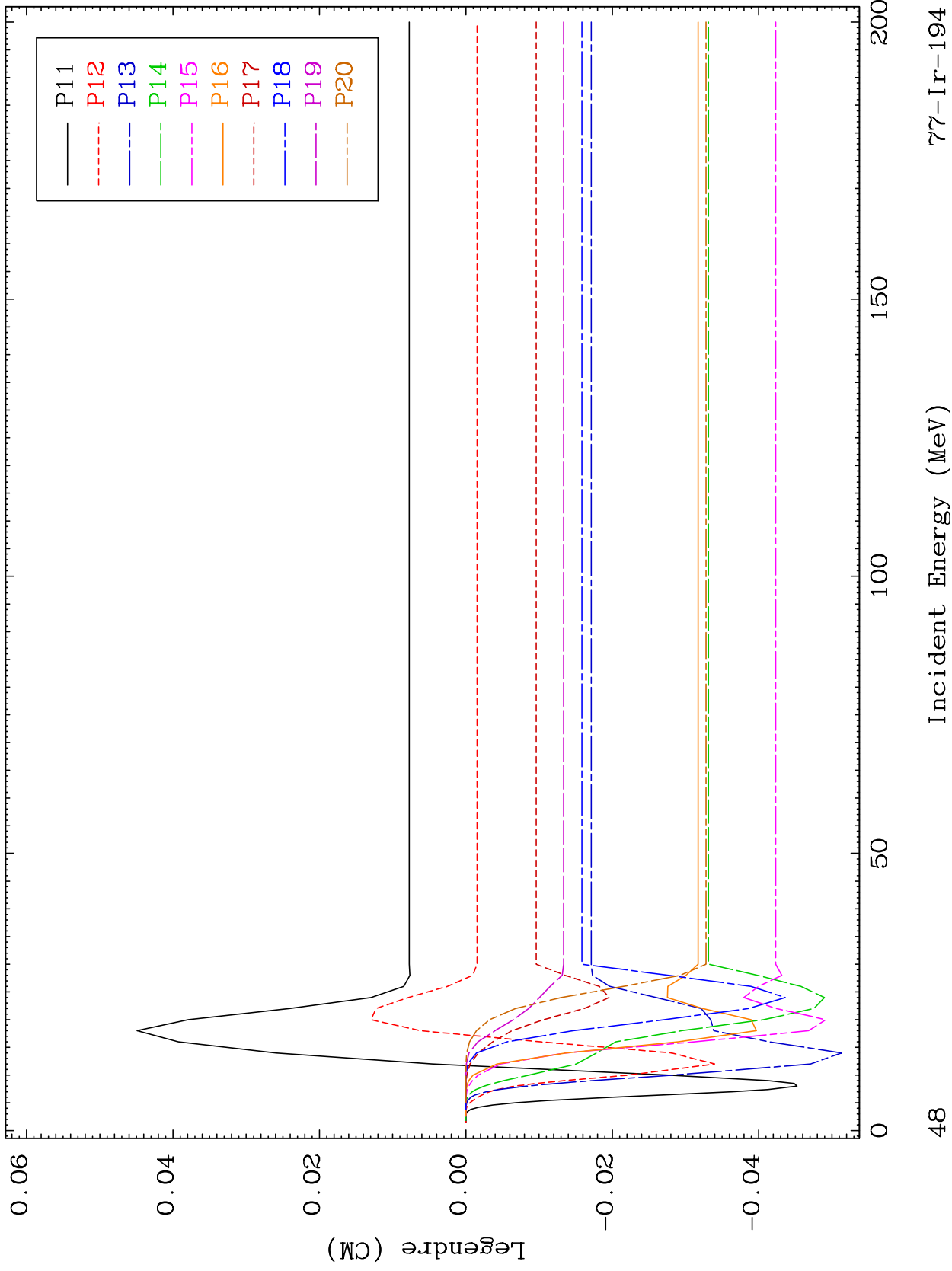
77-Ir-194



MAT 7734

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

77-Ir-194



77-Ir-194

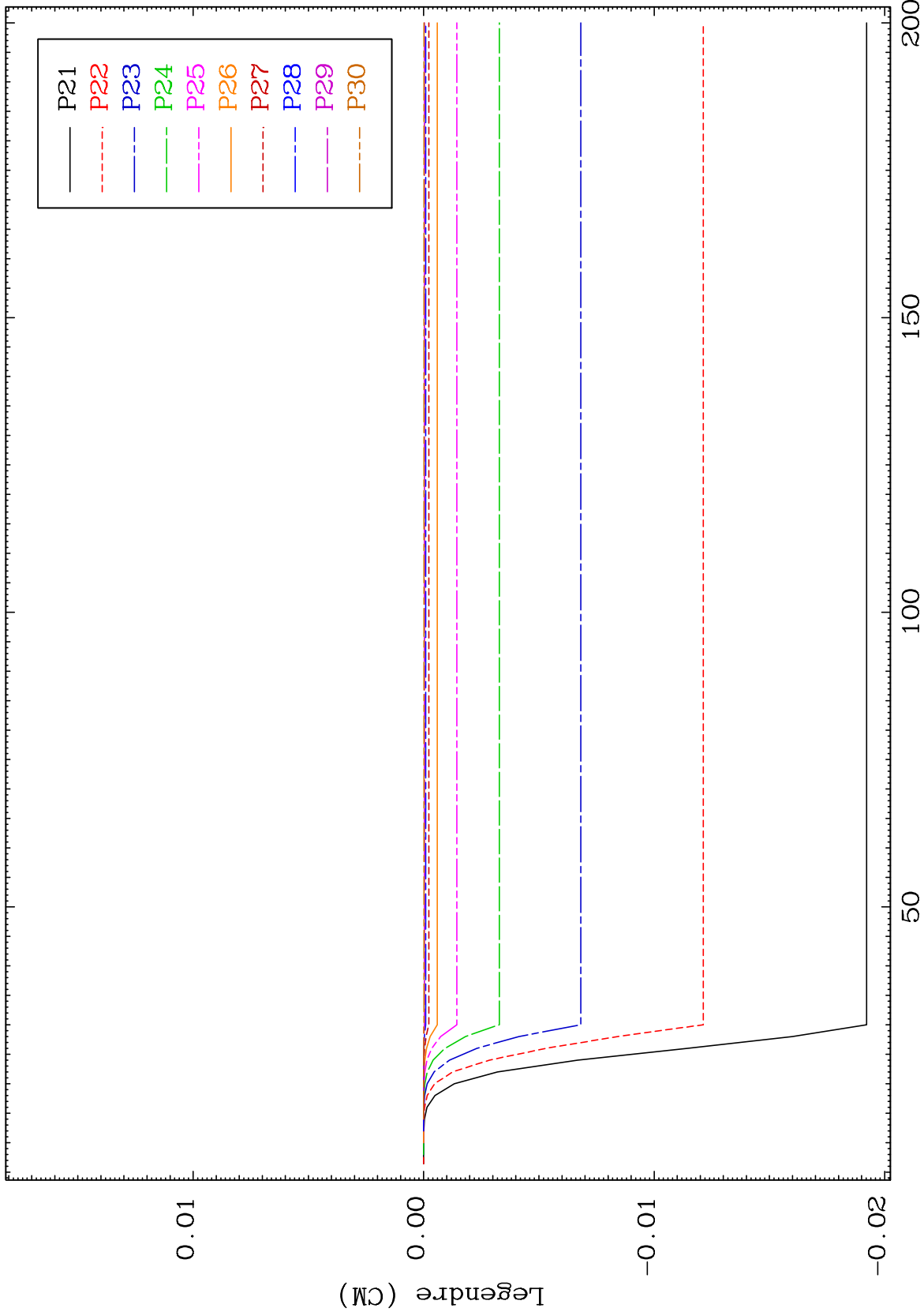
Incident Energy (MeV)

48

MAT 7734

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

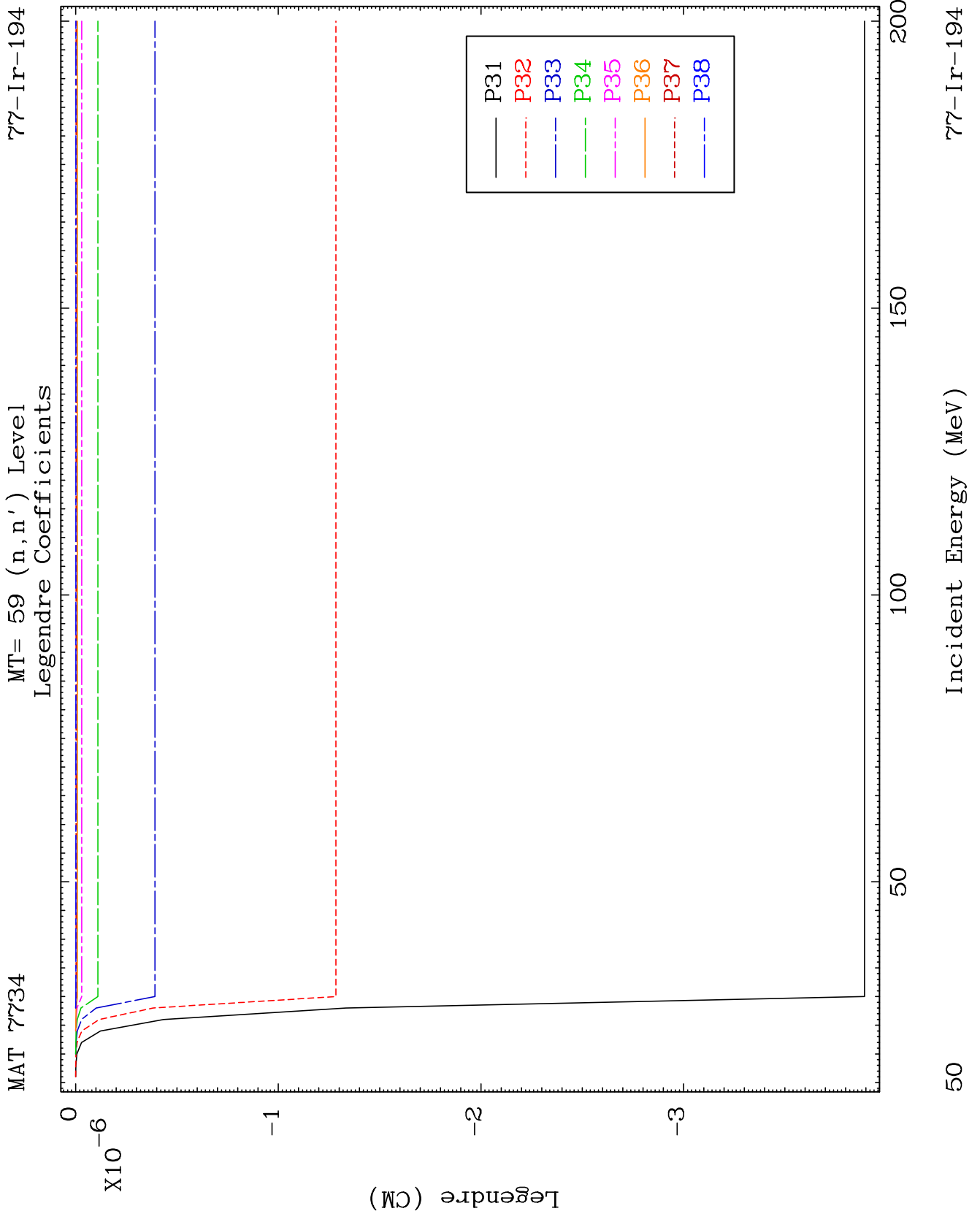
77-Ir-194



49

Incident Energy (MeV)

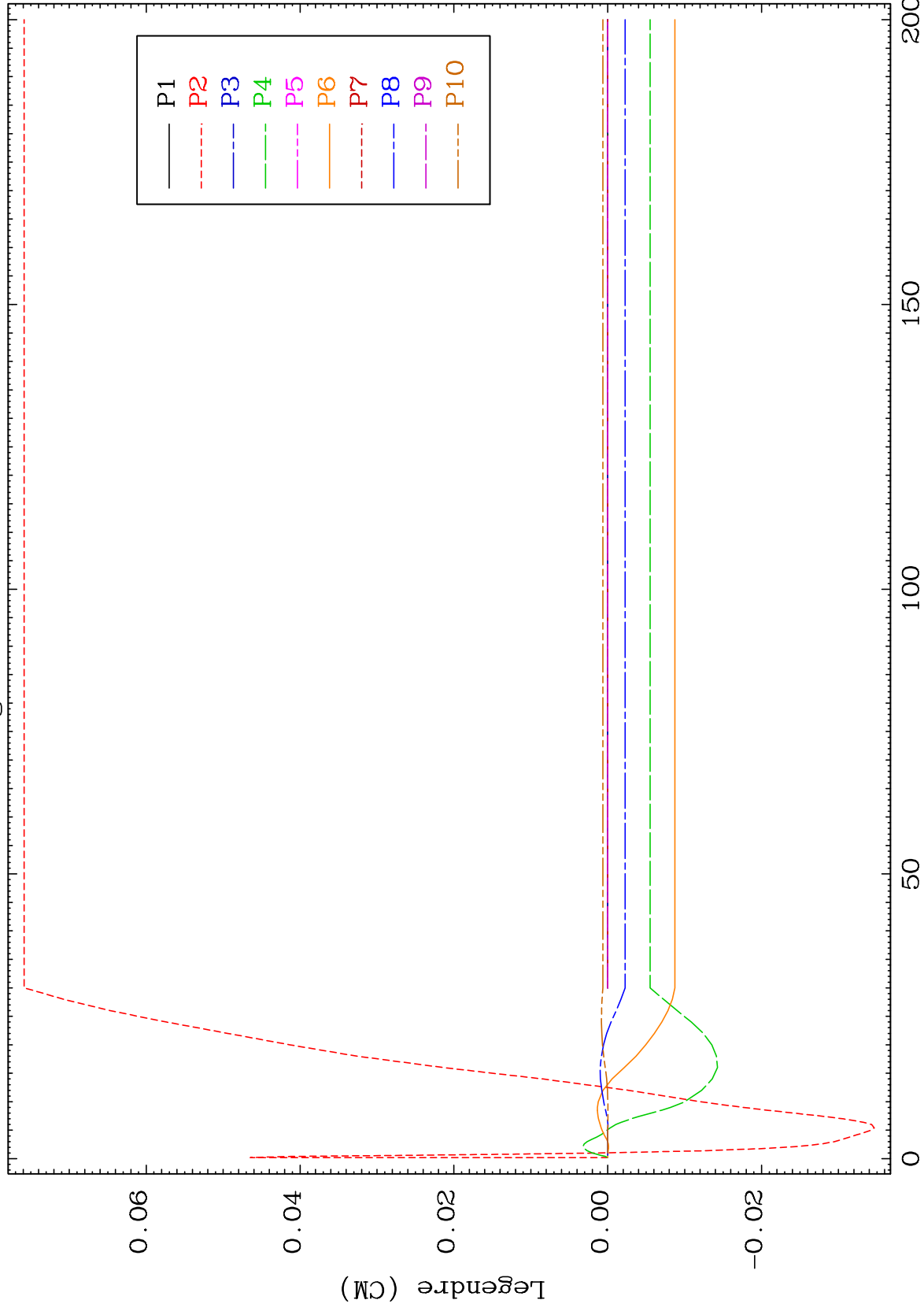
77-Ir-194



MAT 7734

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

77-Ir-194



51

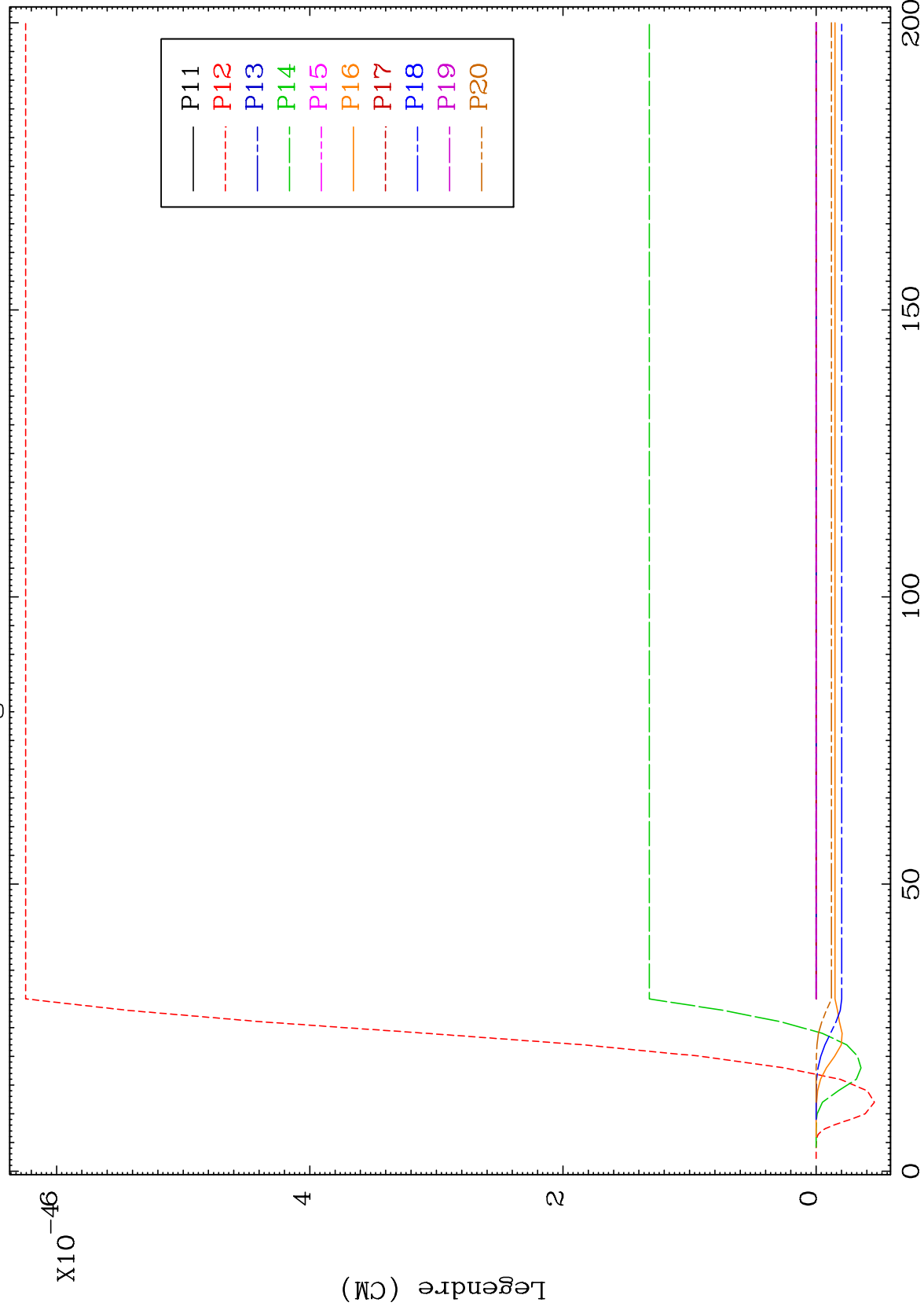
Incident Energy (MeV)

77-Ir-194

MAT 7734

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

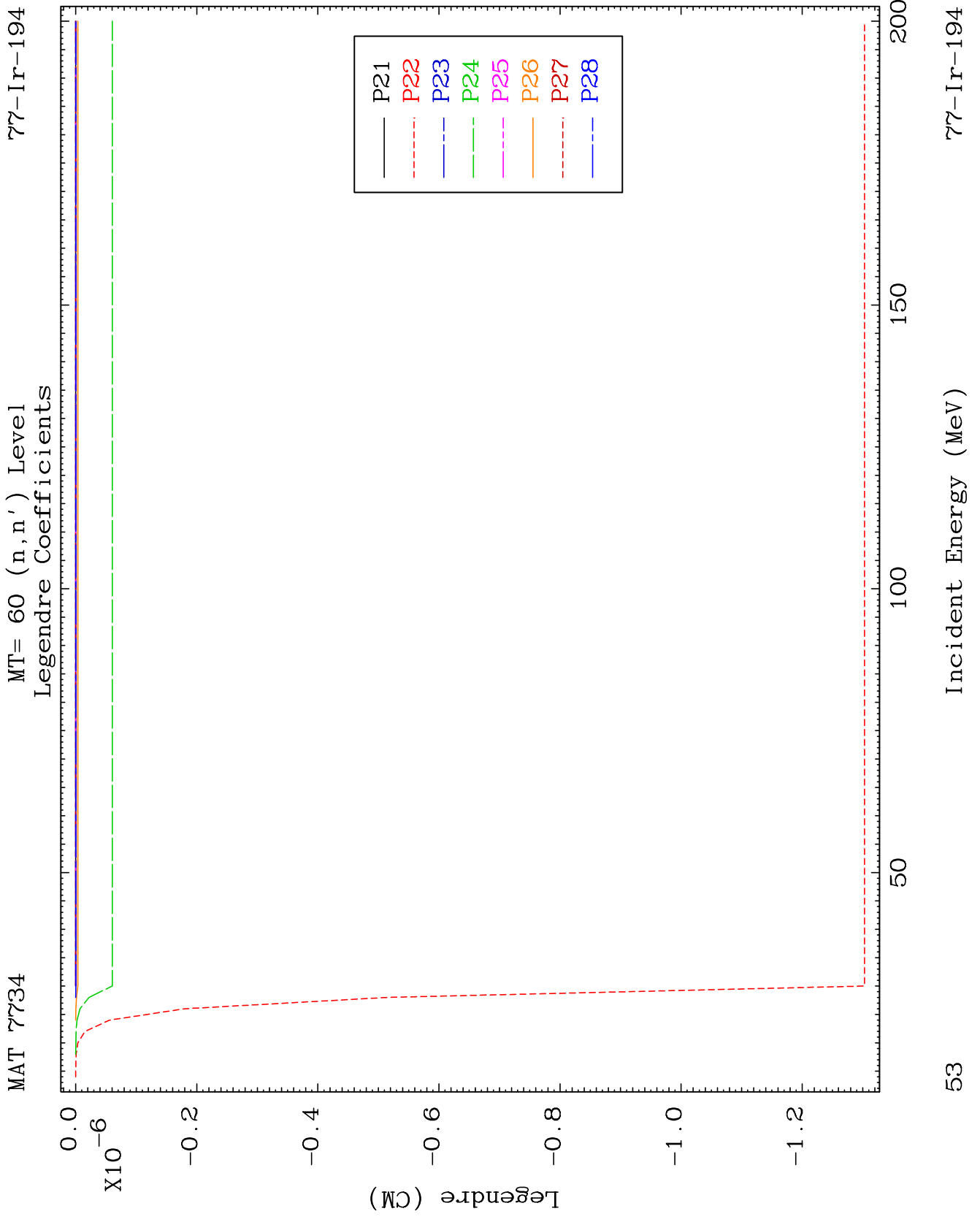
77-Ir-194

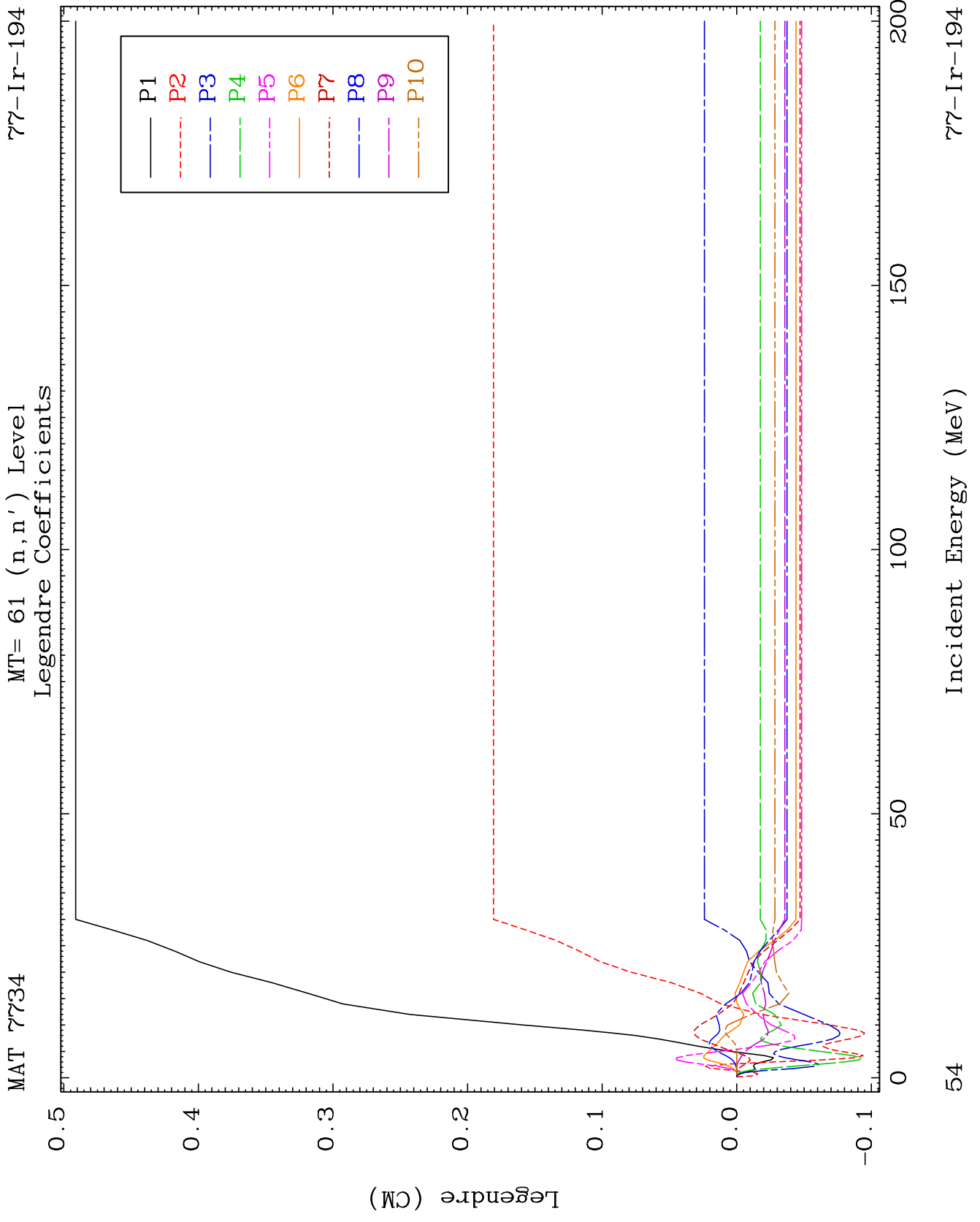


52

Incident Energy (MeV)

77-Ir-194





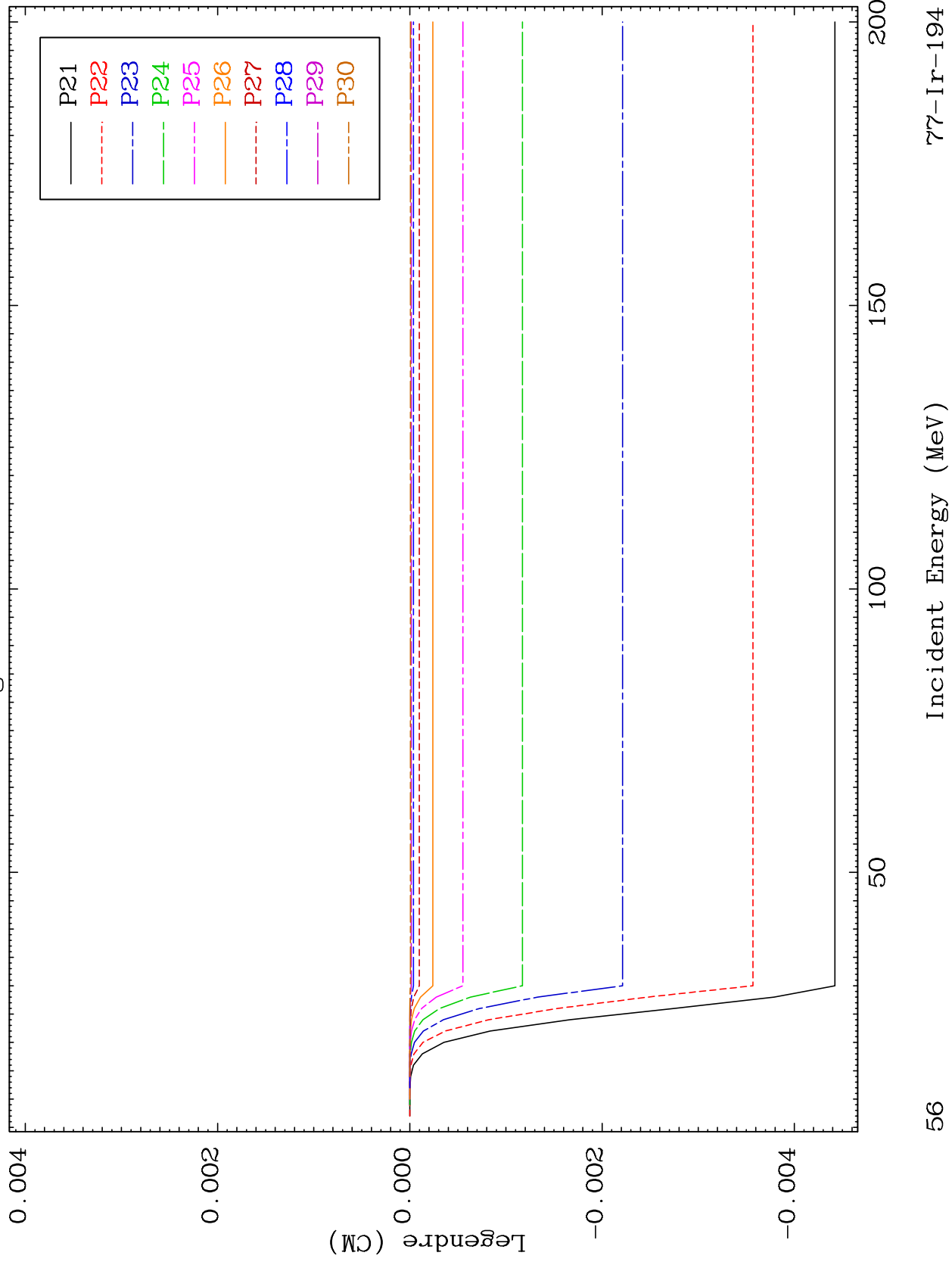




MAT 7734

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

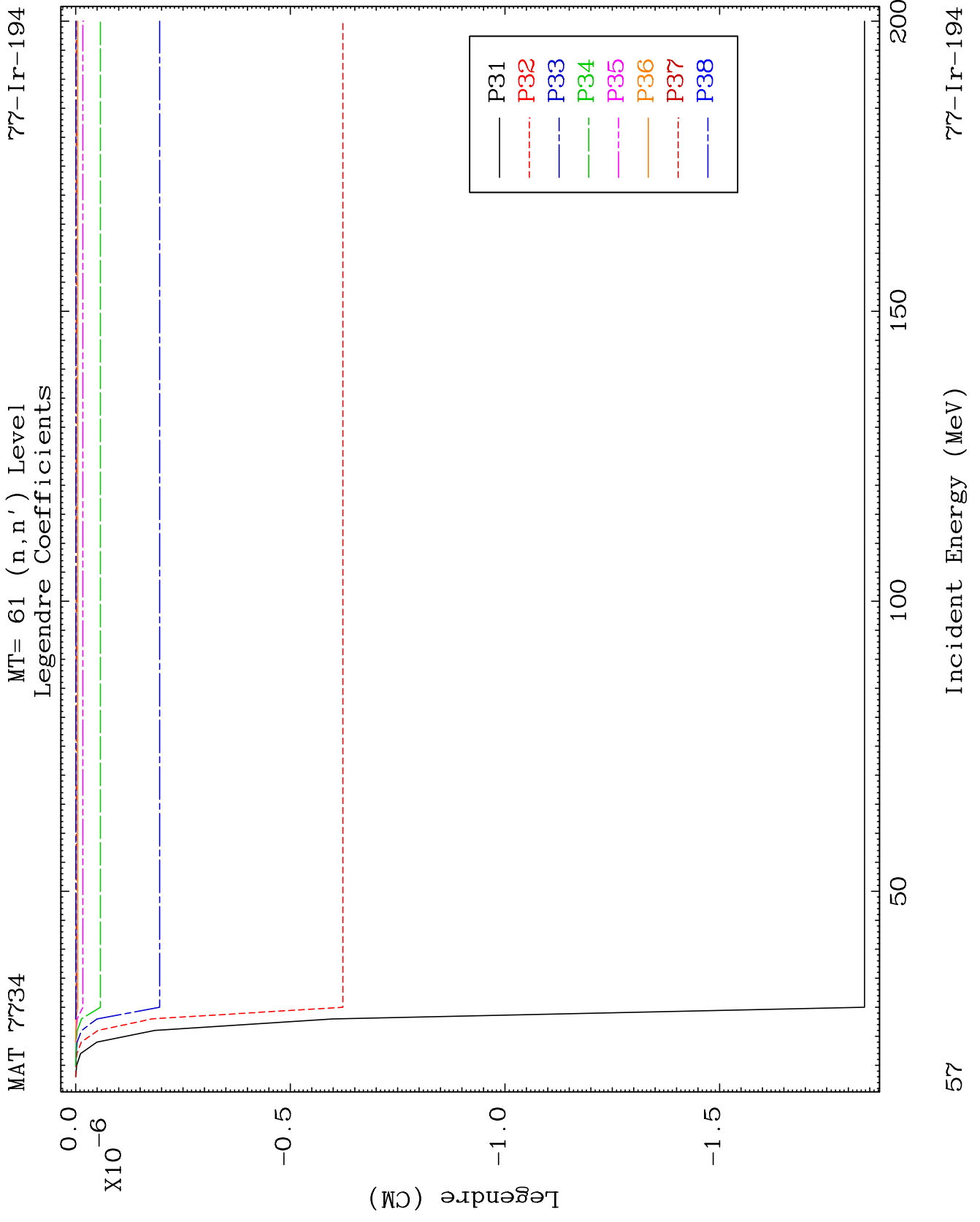
77-Ir-194

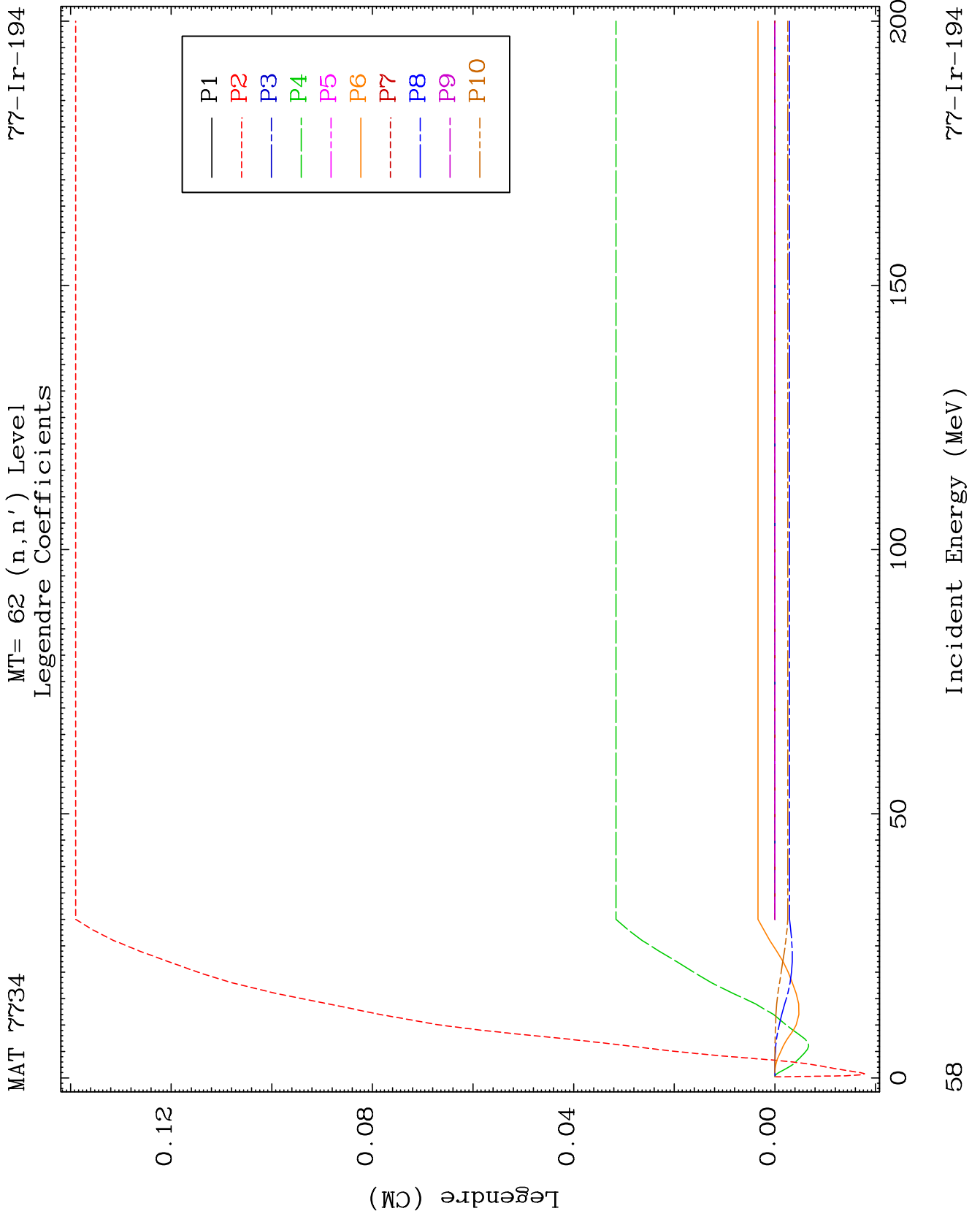


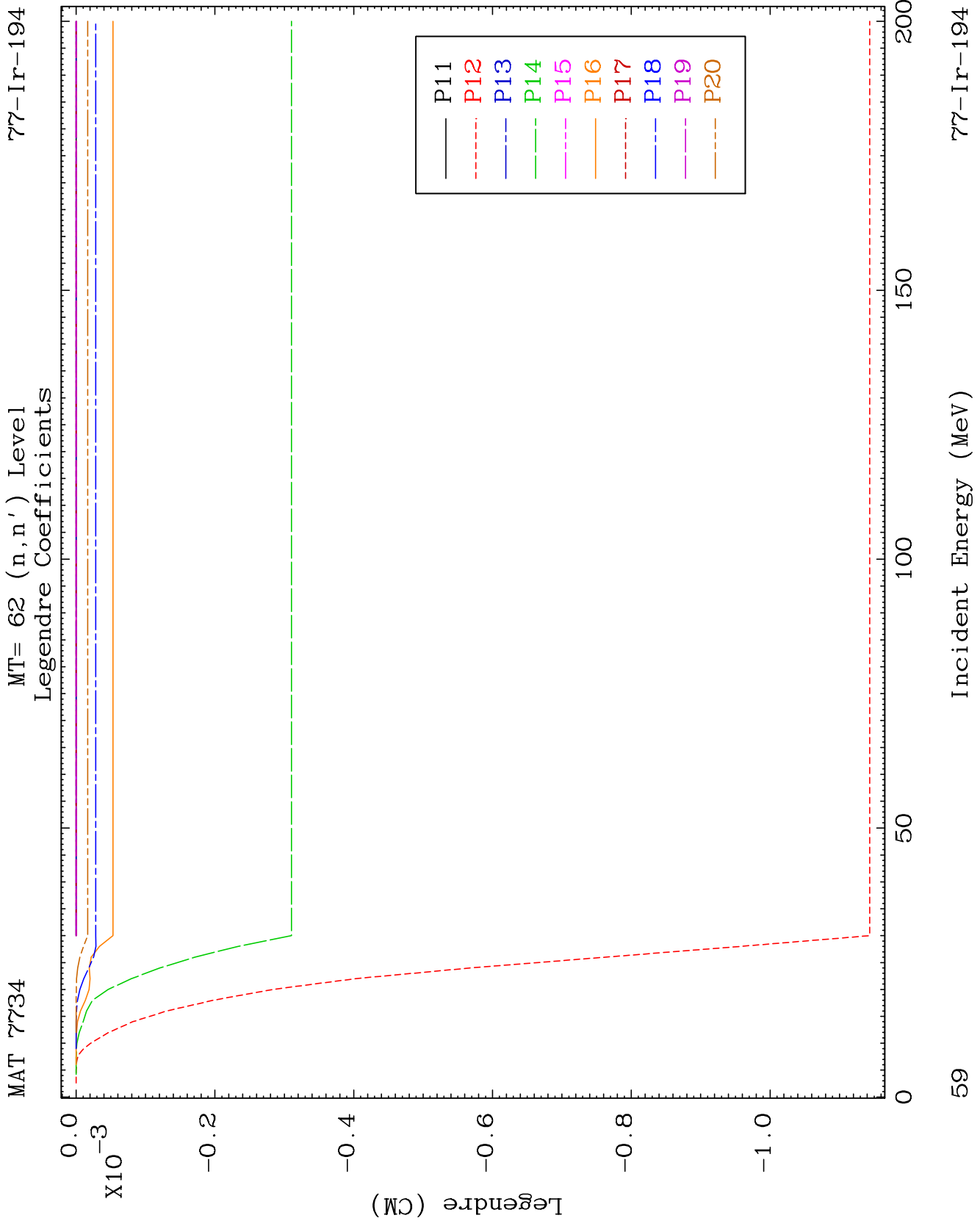
56

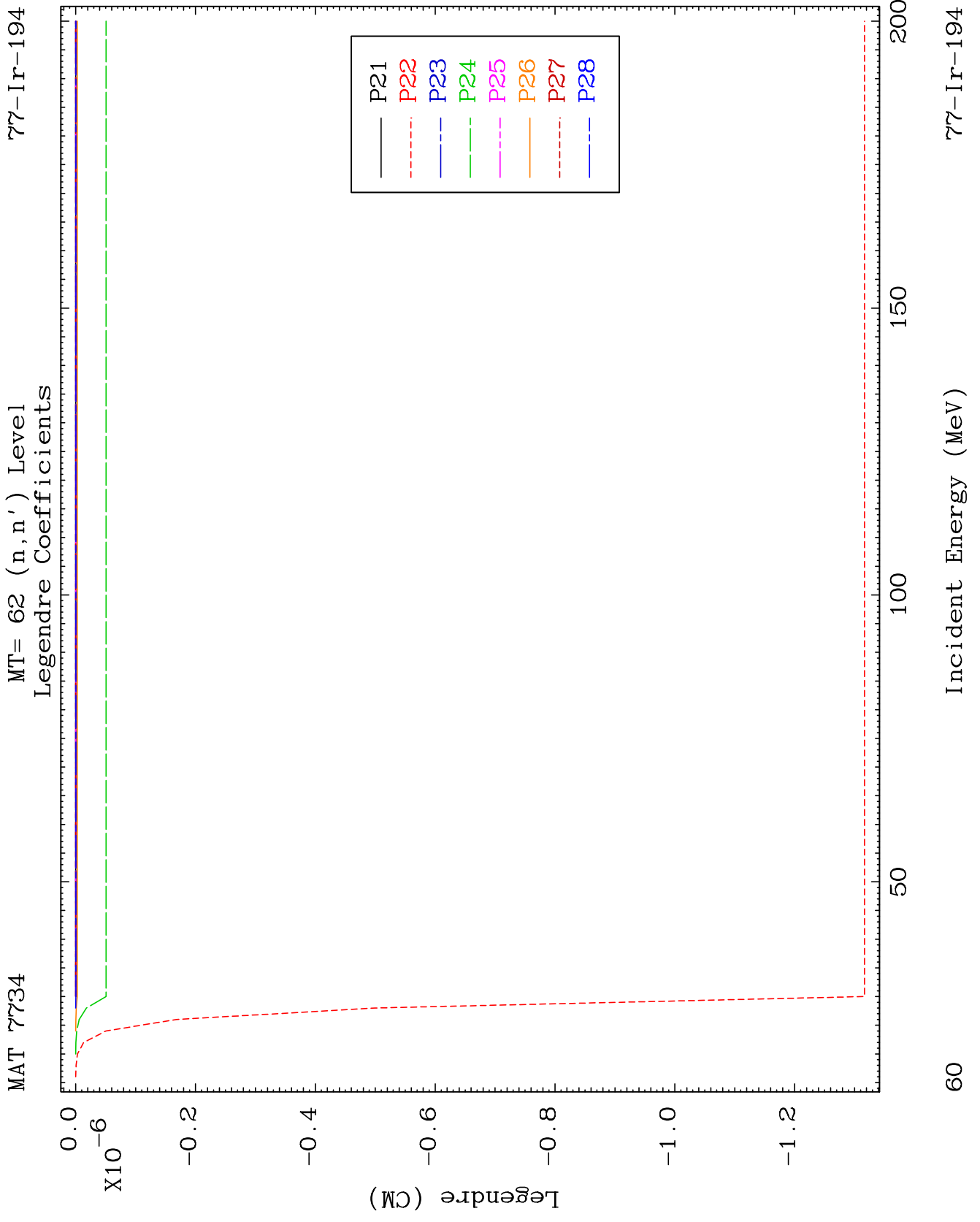
Incident Energy (MeV)

77-Ir-194







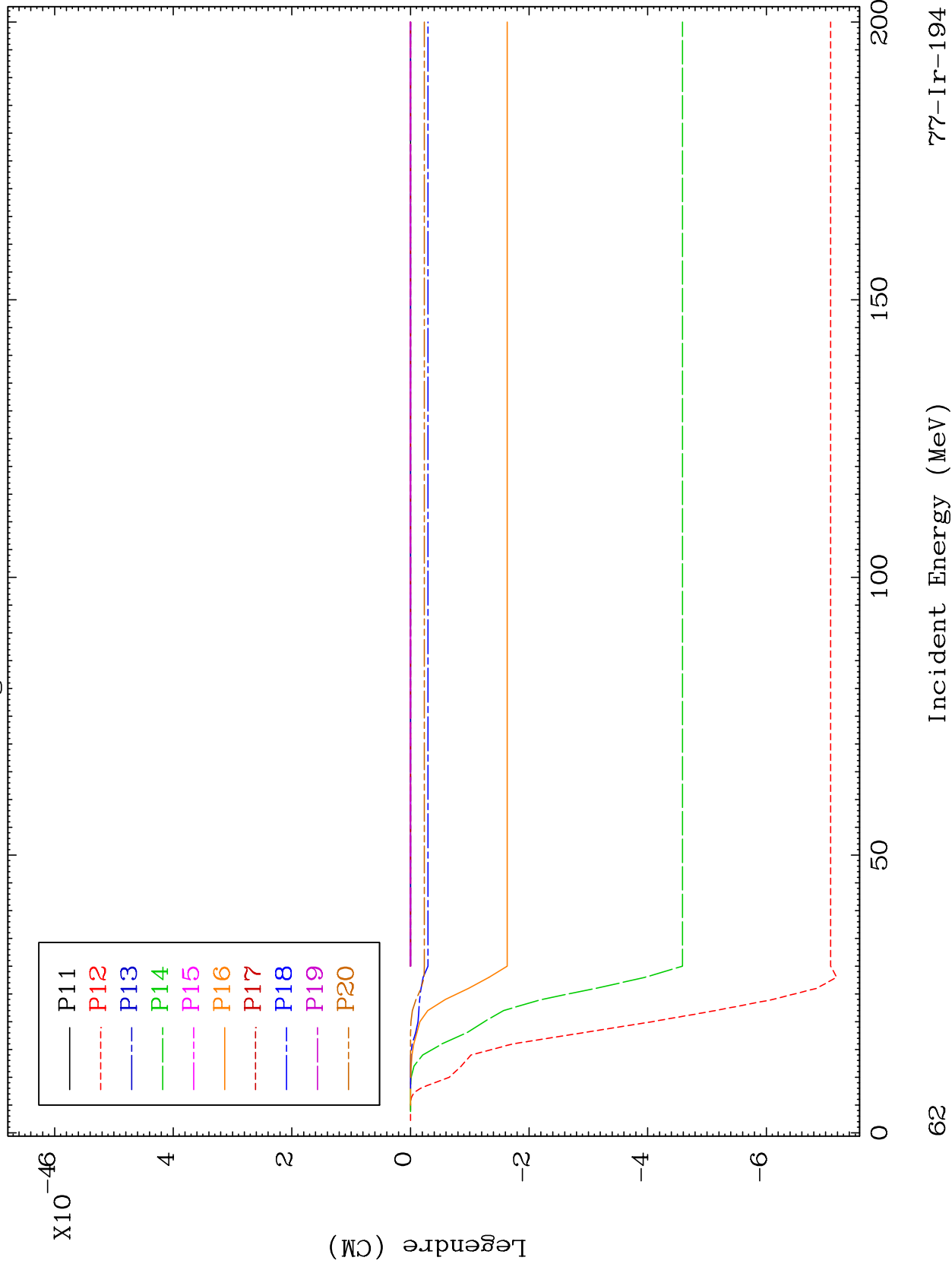




MAT 7734

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

77-Ir-194



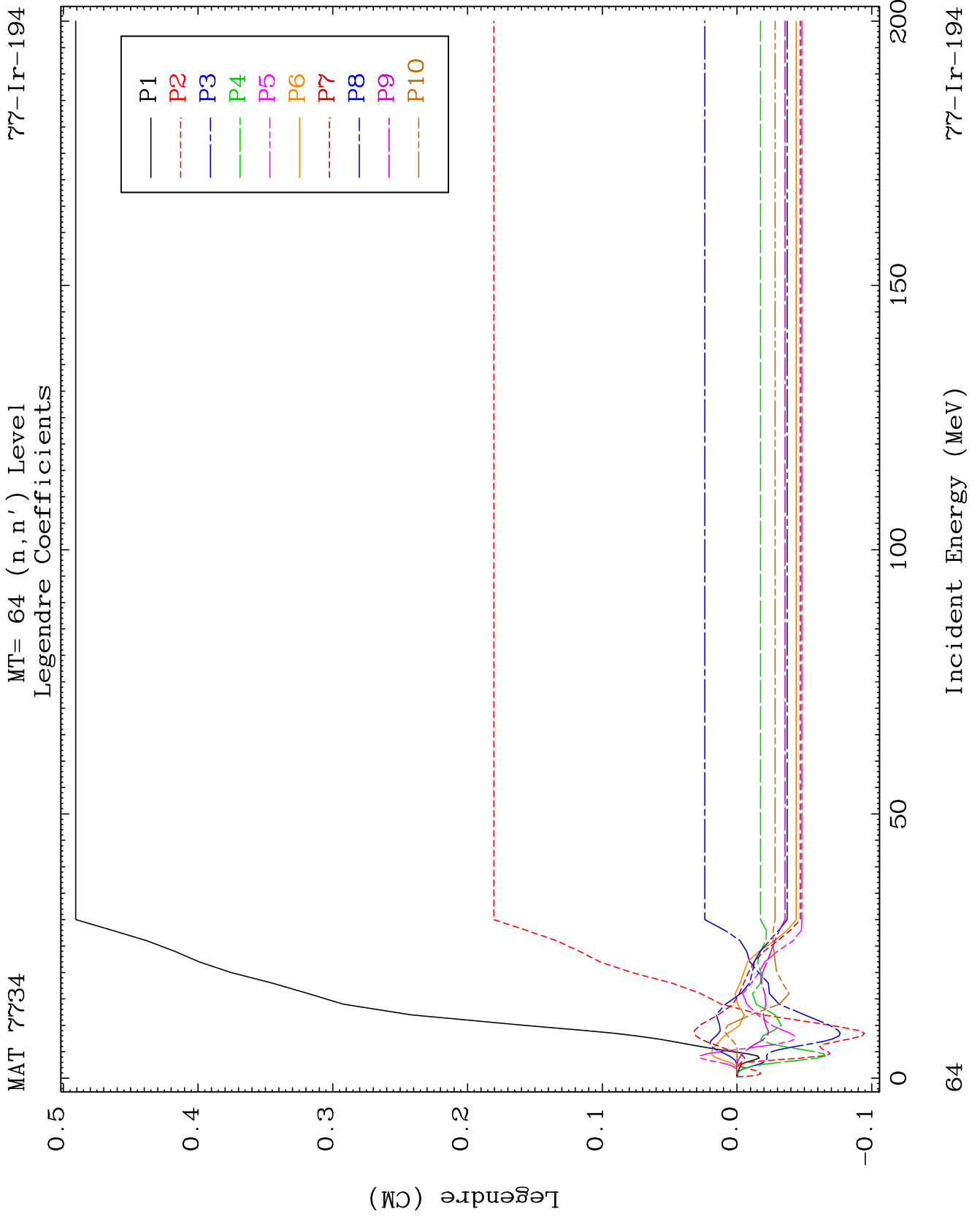
77-Ir-194

Incident Energy (MeV)

62





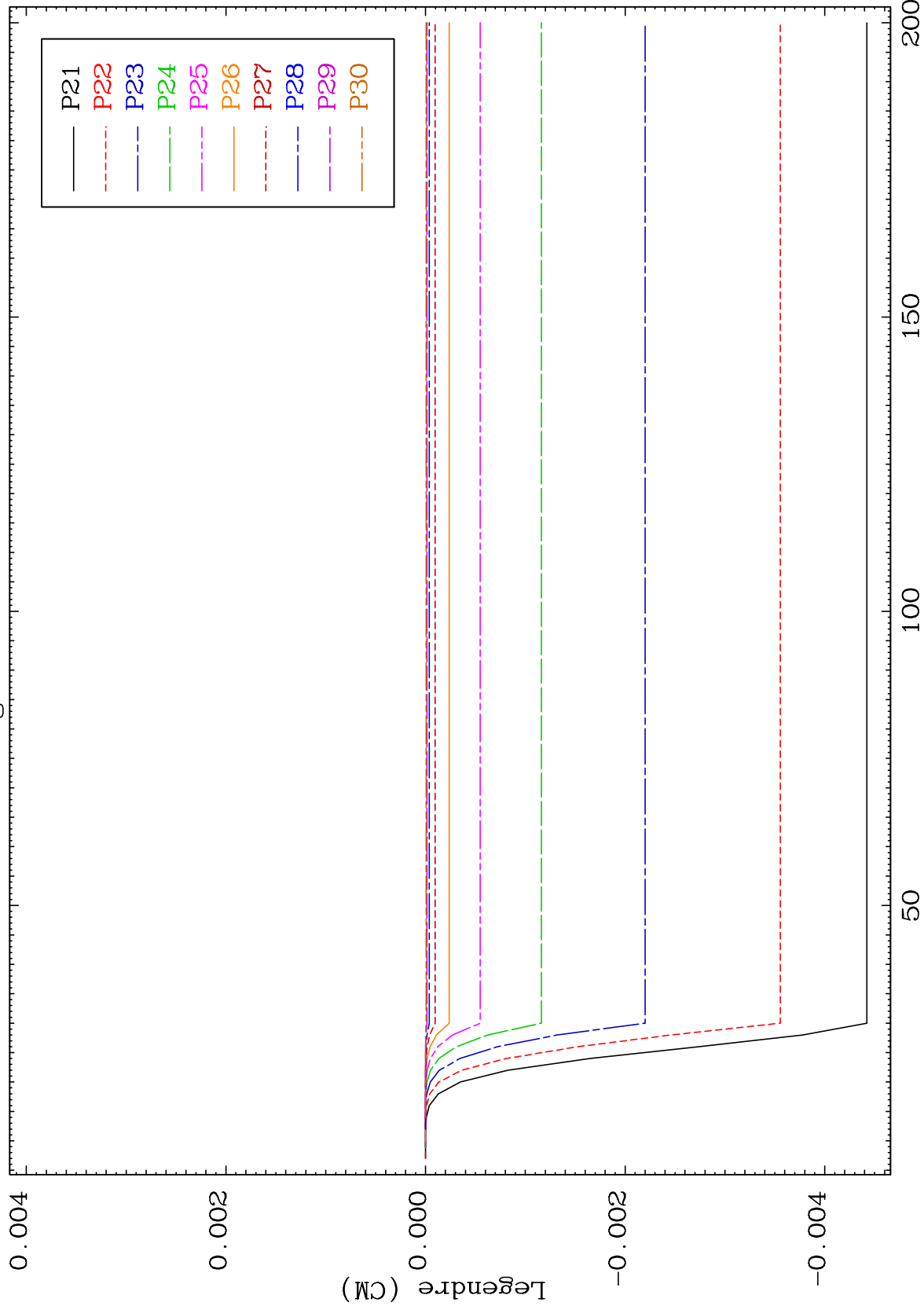




MAT 7734

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

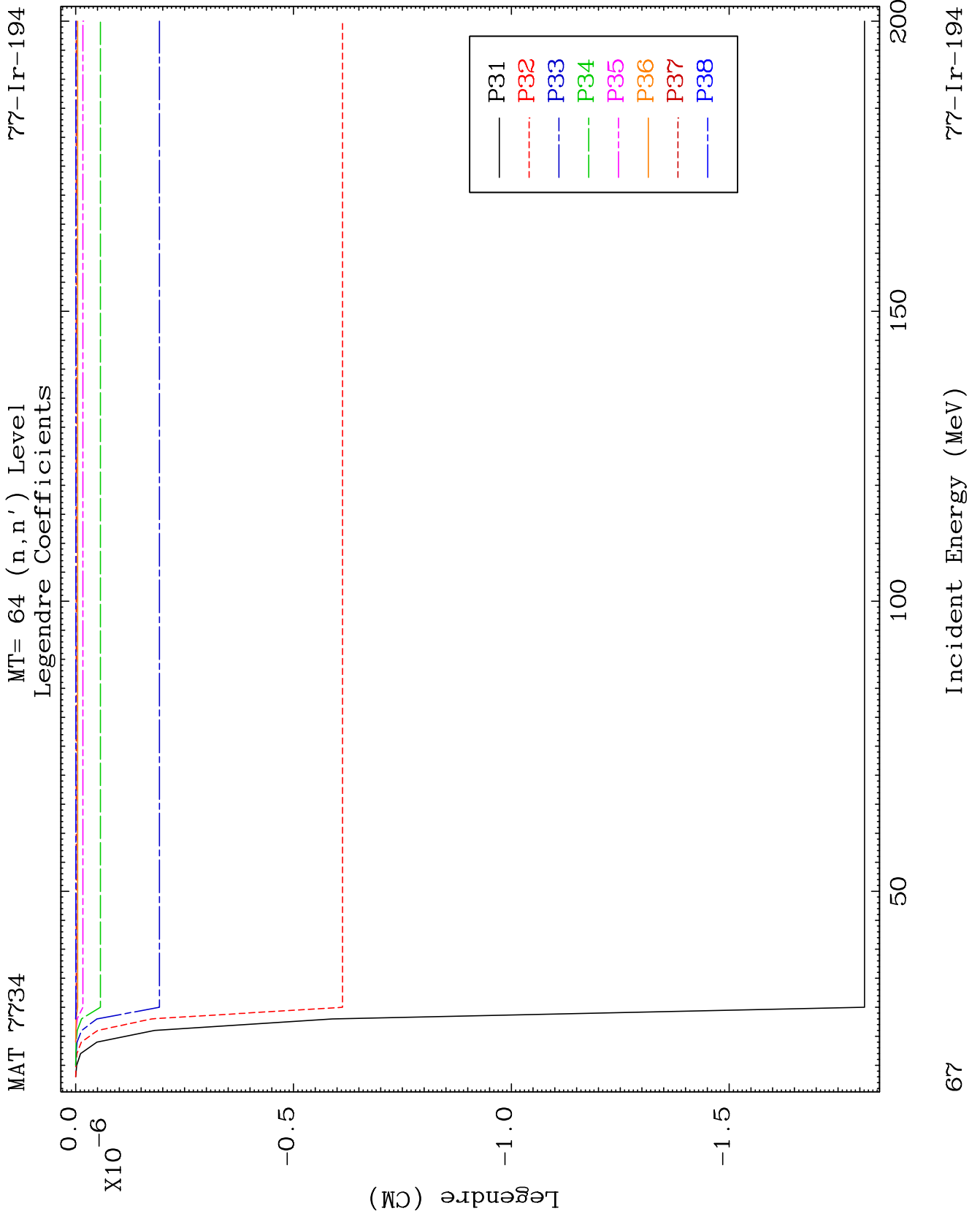
77-Ir-194

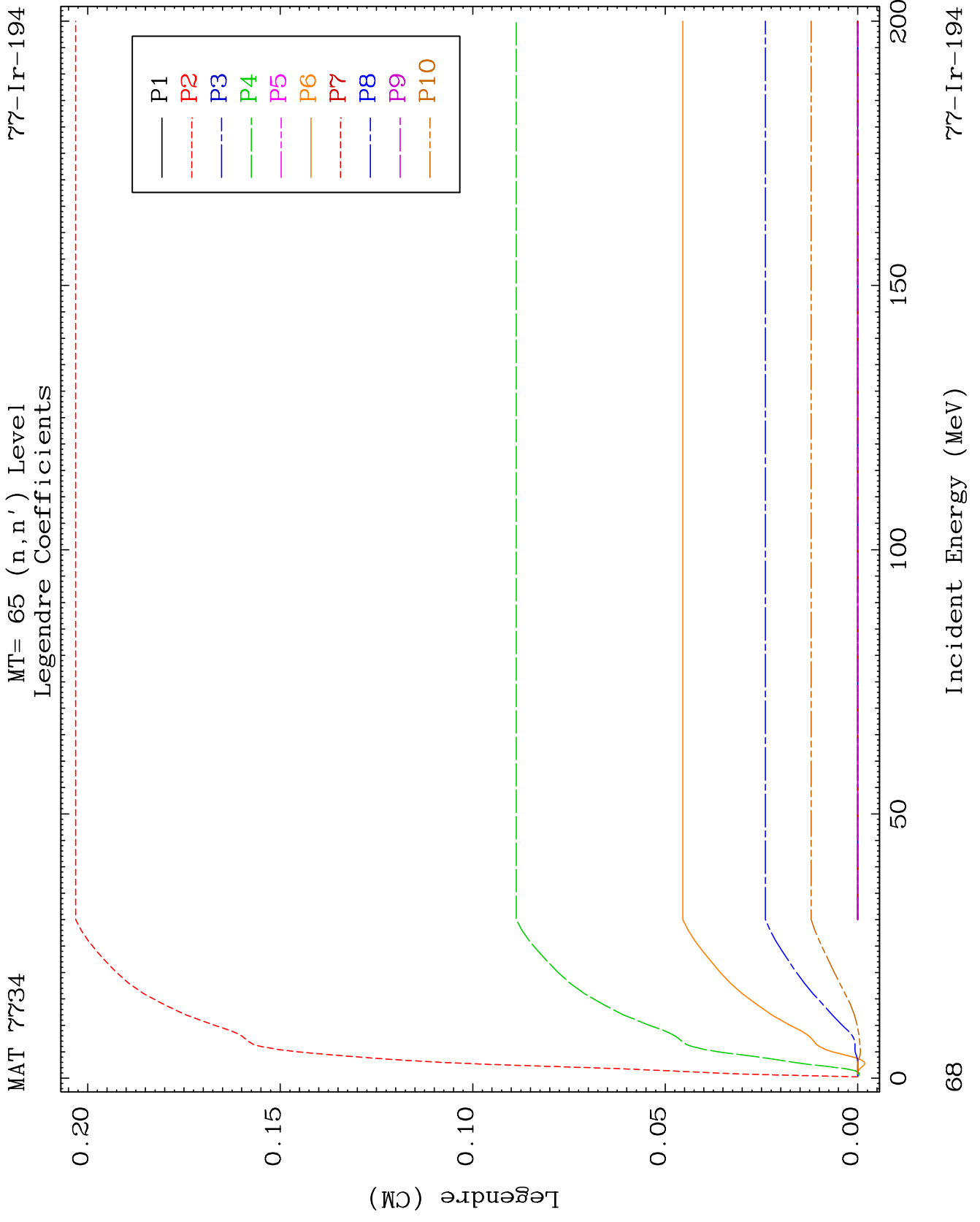


66

Incident Energy (MeV)

77-Ir-194

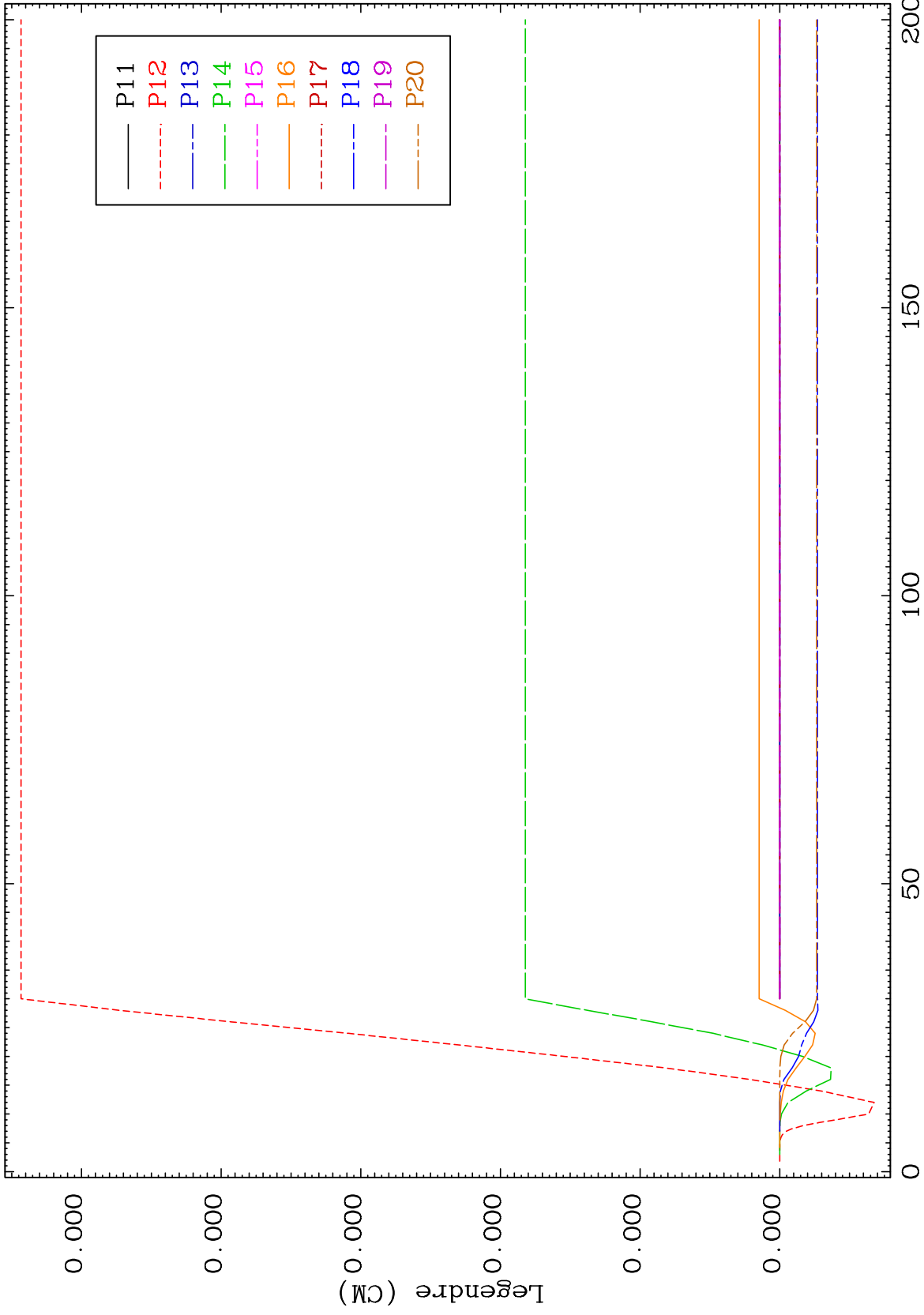




MAT 7734

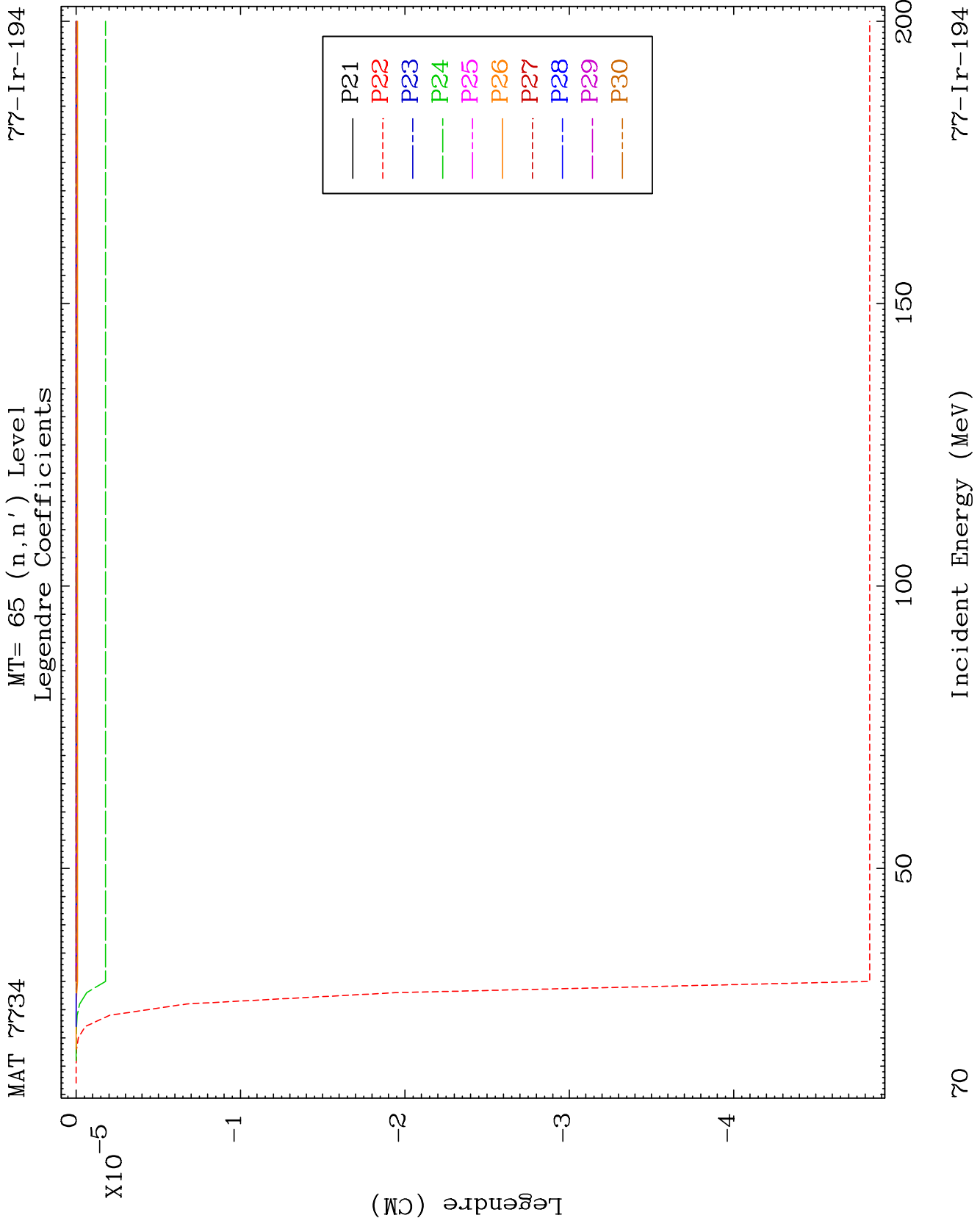
MT= 65 (n,n') Level  
Legendre Coefficients

77-Ir-194



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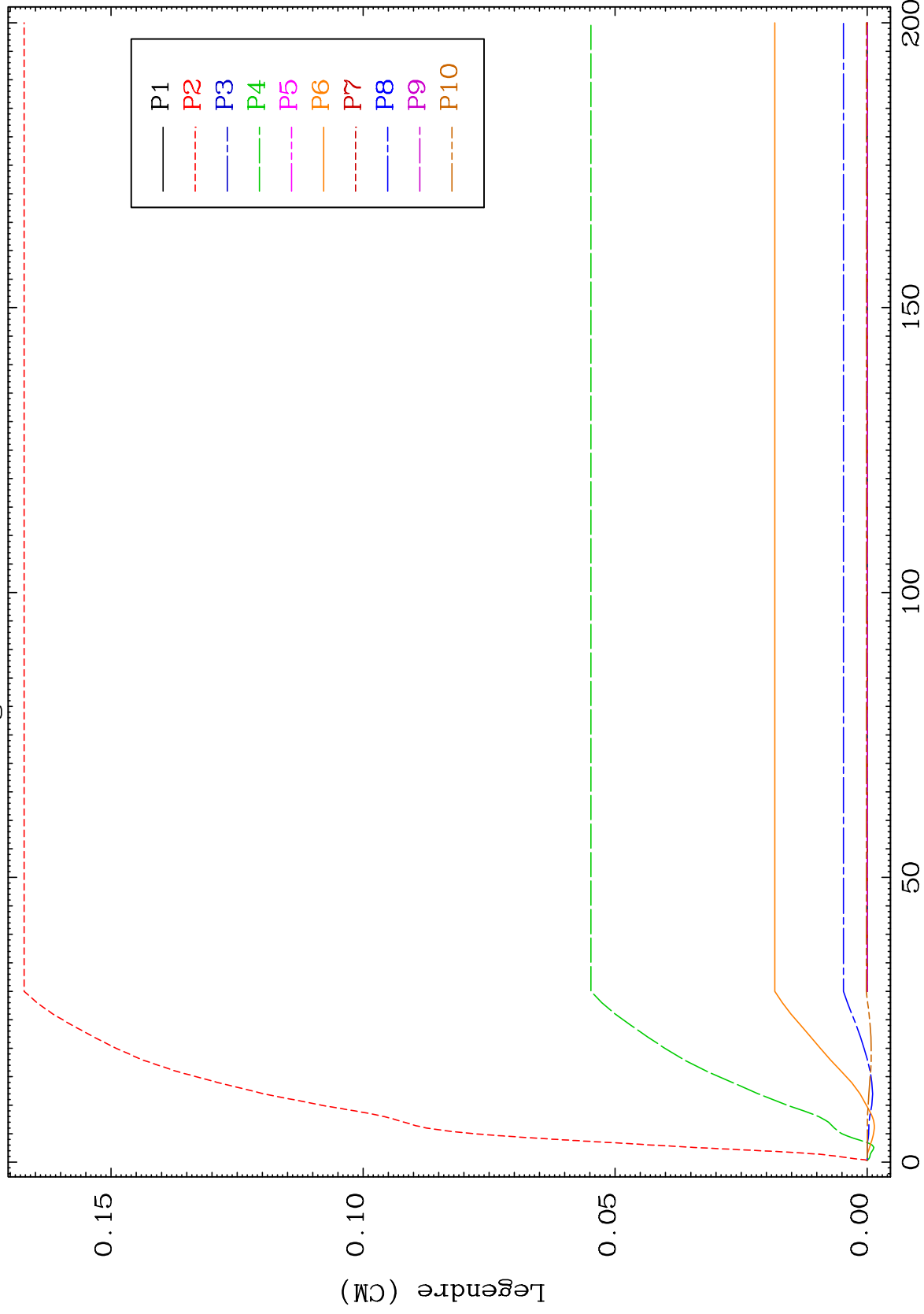
77-Ir-194



MAT 7734

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

77-Ir-194



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Incident Energy (MeV)

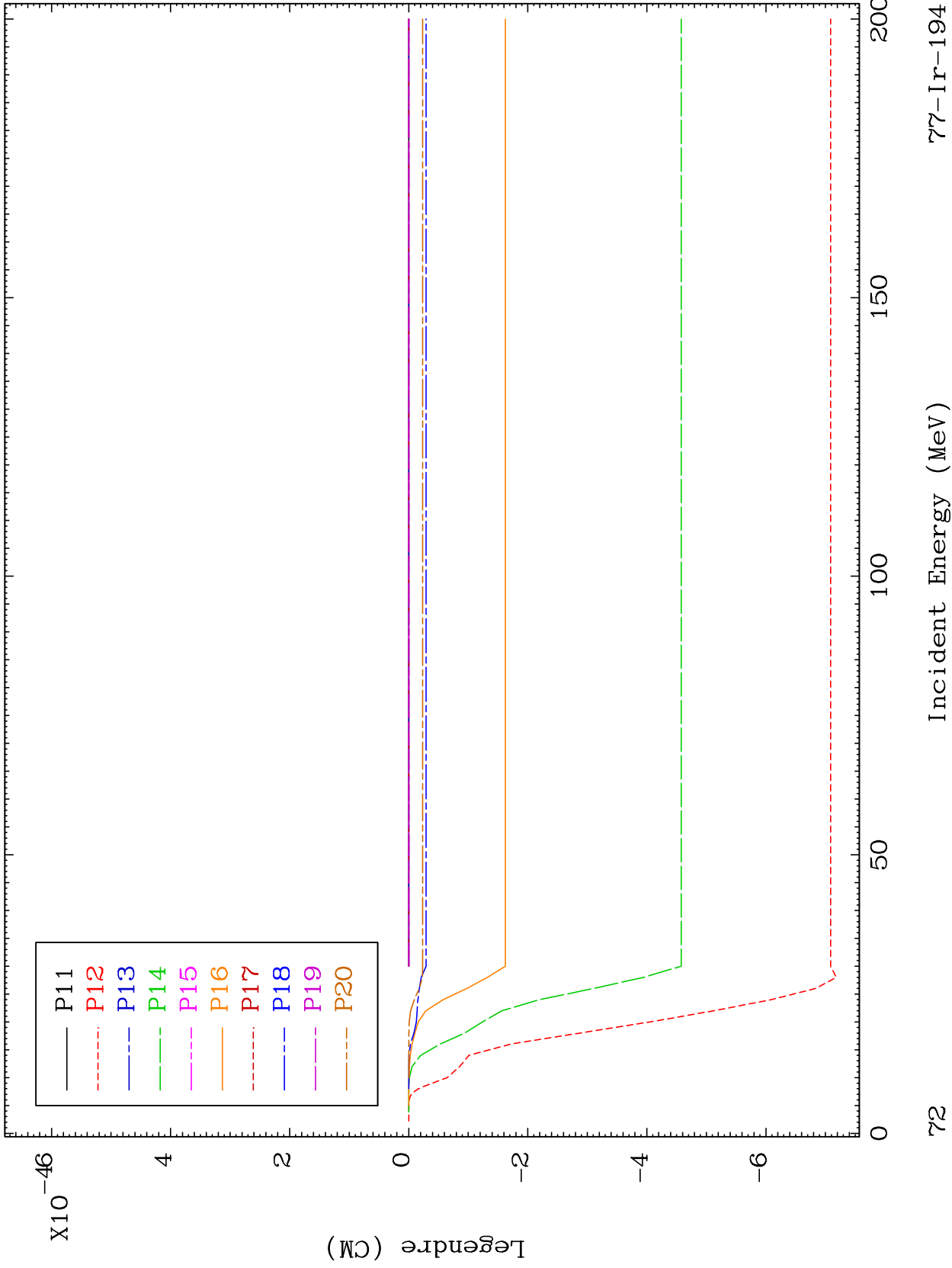
77-Ir-194



MAT 7734

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

77-Ir-194



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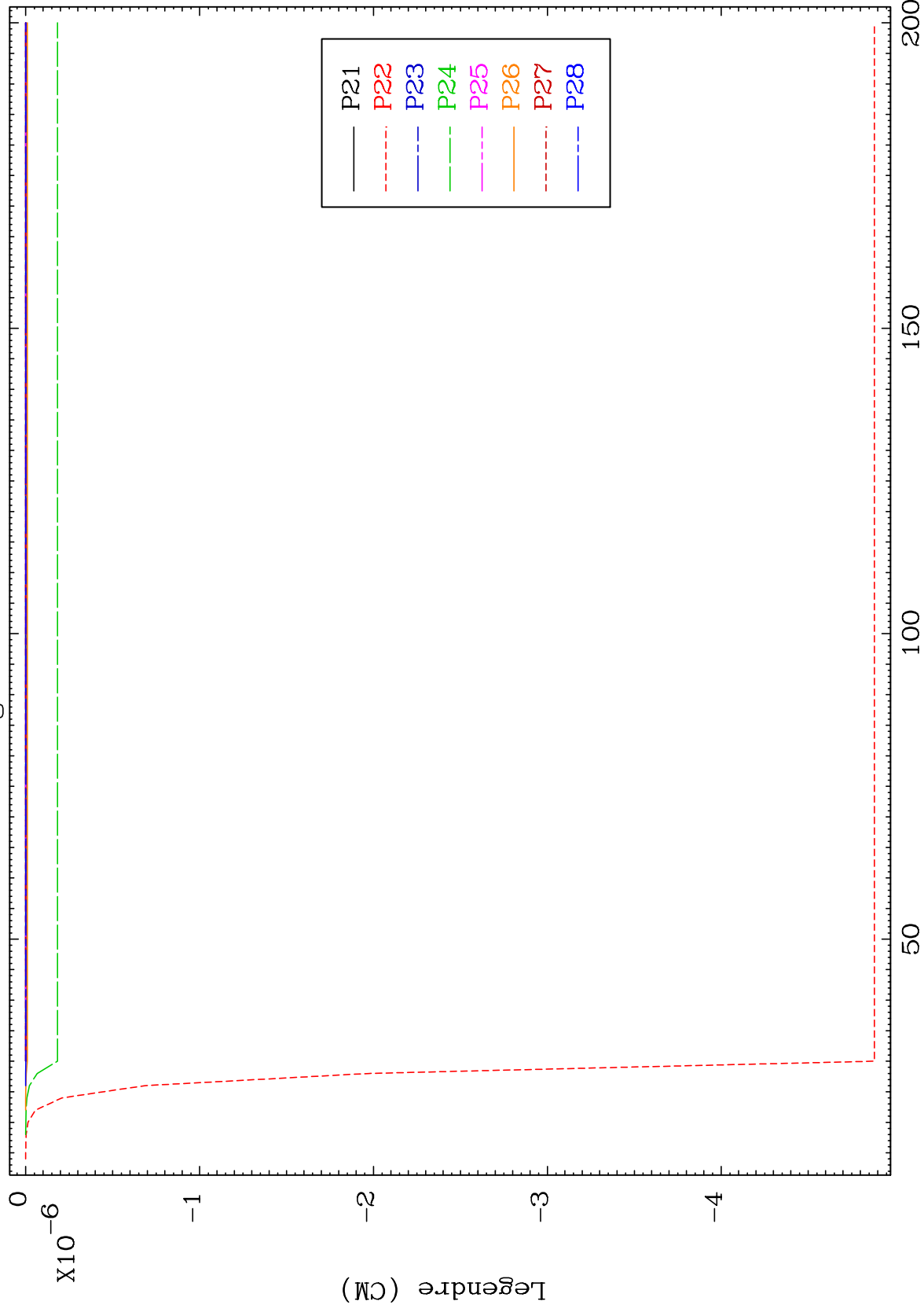
Incident Energy (MeV)

77-Ir-194

MAT 7734

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

77-Ir-194



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Incident Energy (MeV)

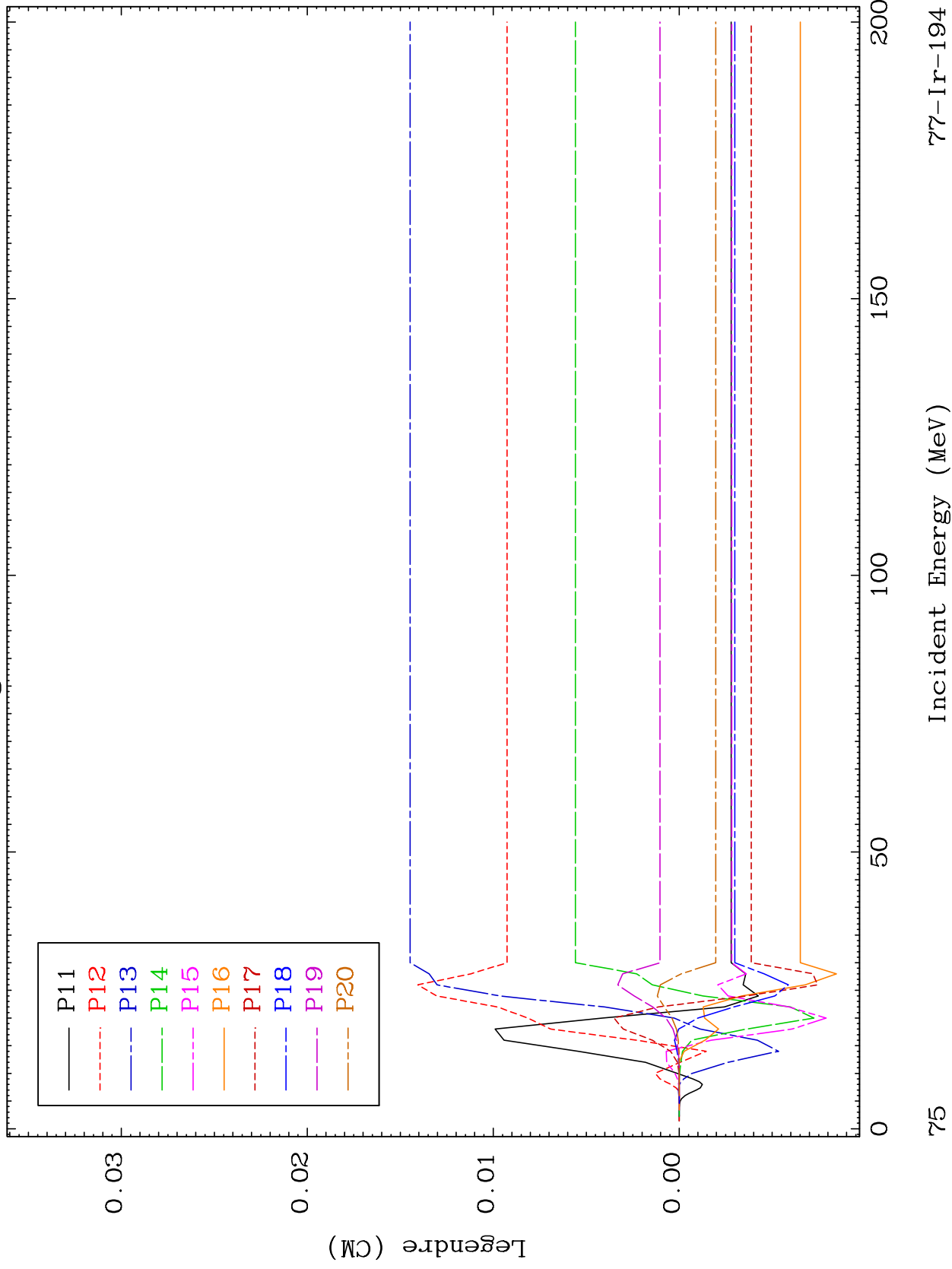
77-Ir-194



MAT 7734

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

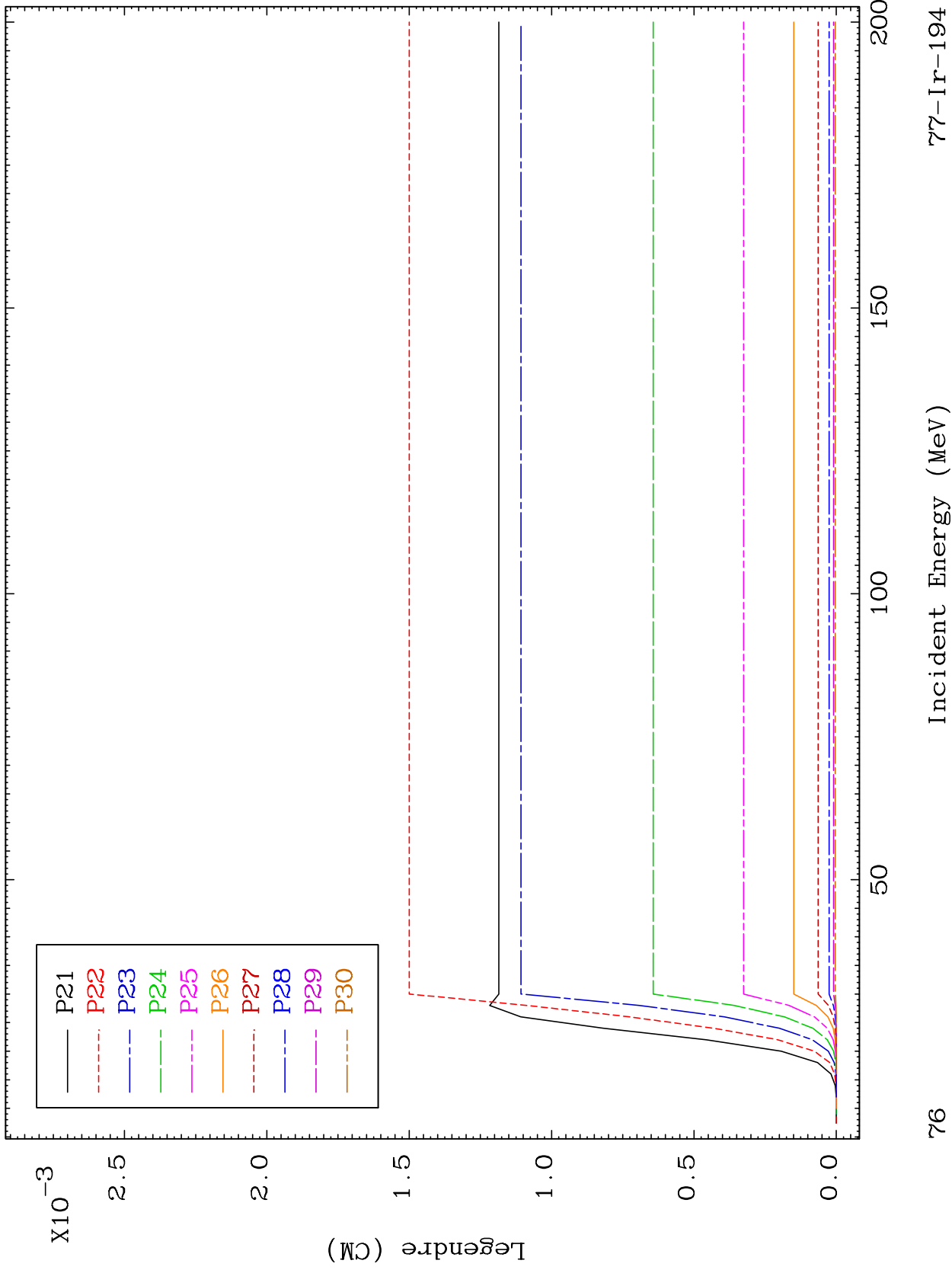
77-Ir-194



77-Ir-194

Incident Energy (MeV)

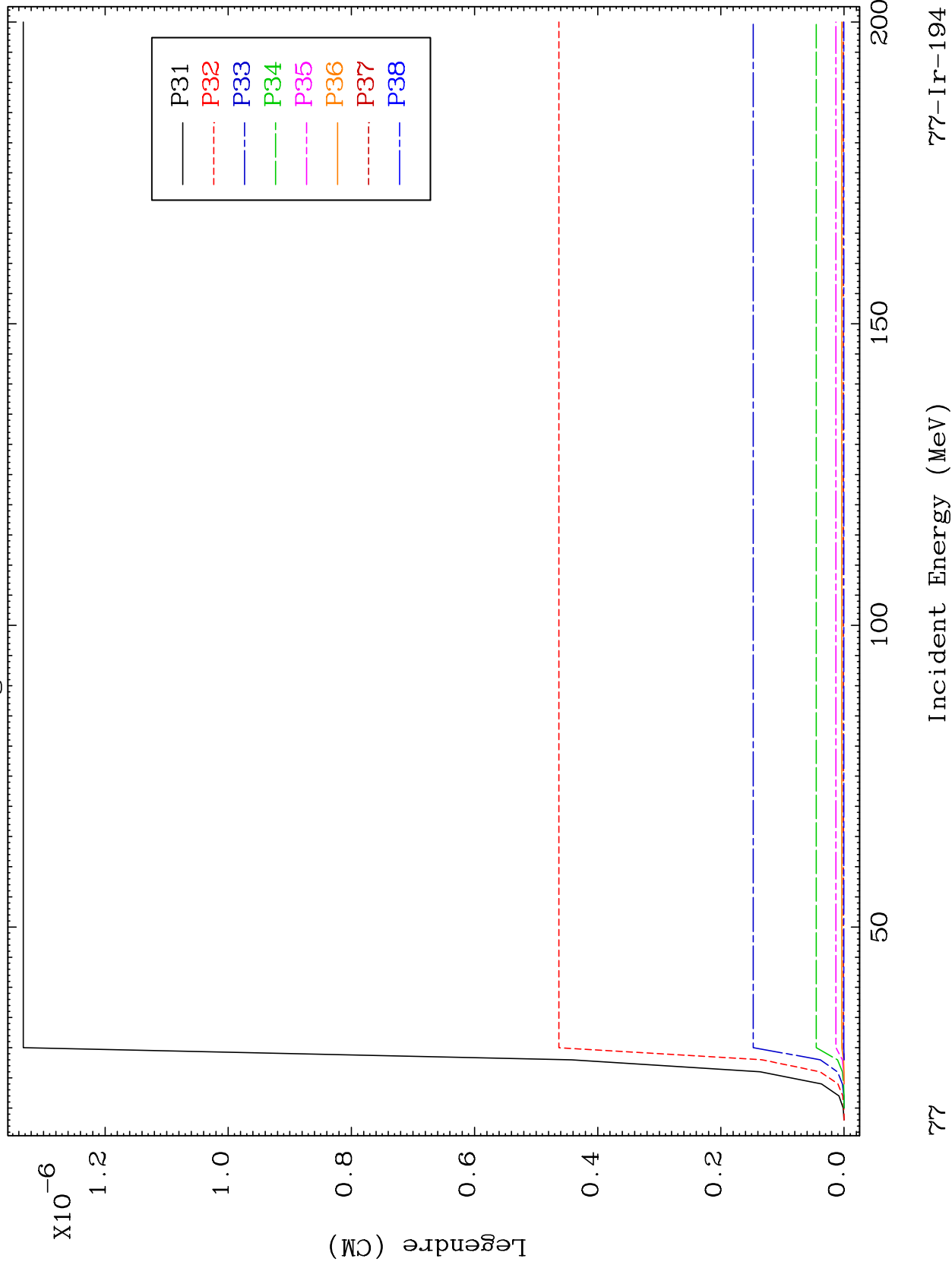
75



MAT 7734

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

77-Ir-194

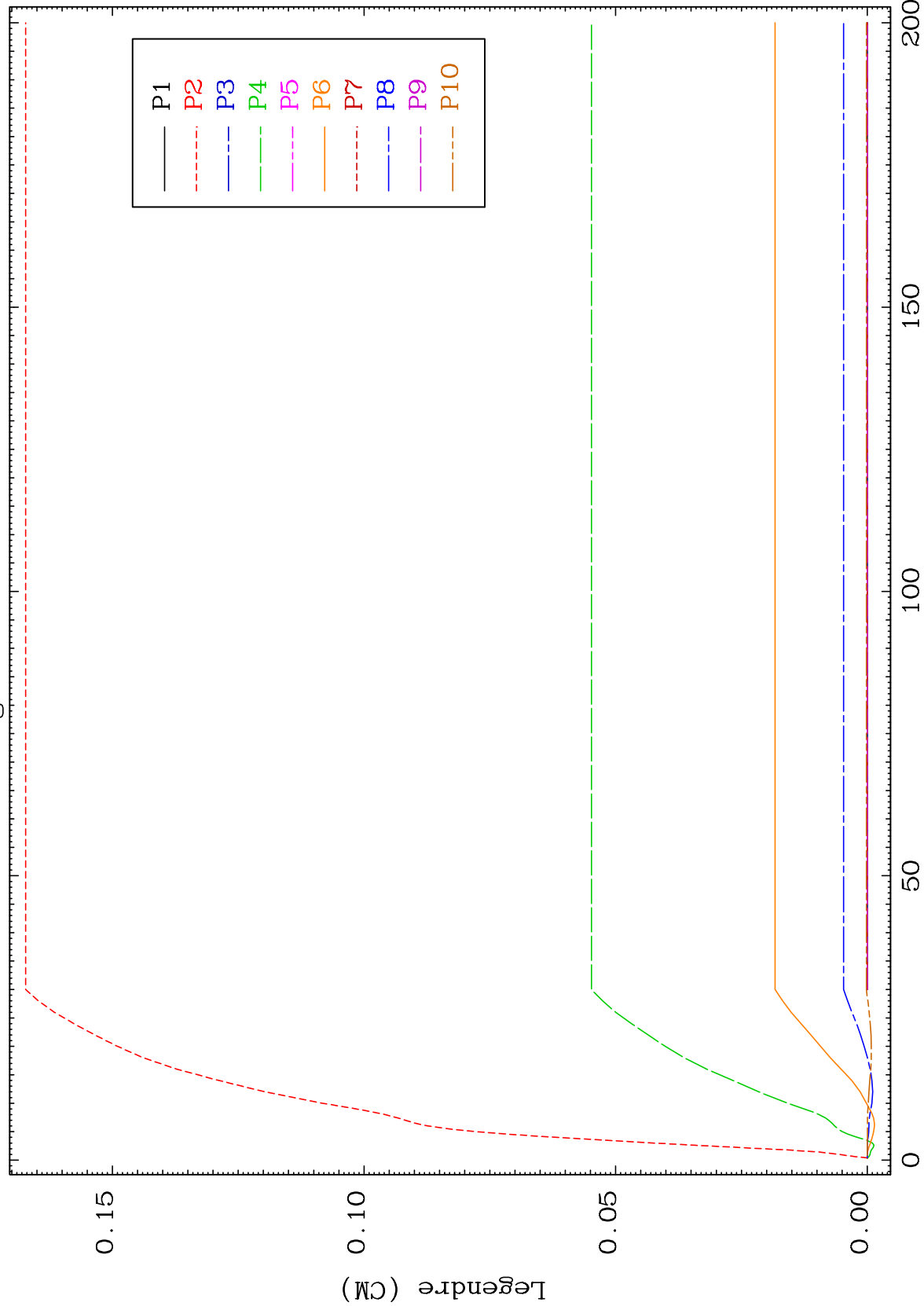


77

MAT 7734

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

77-Ir-194



78

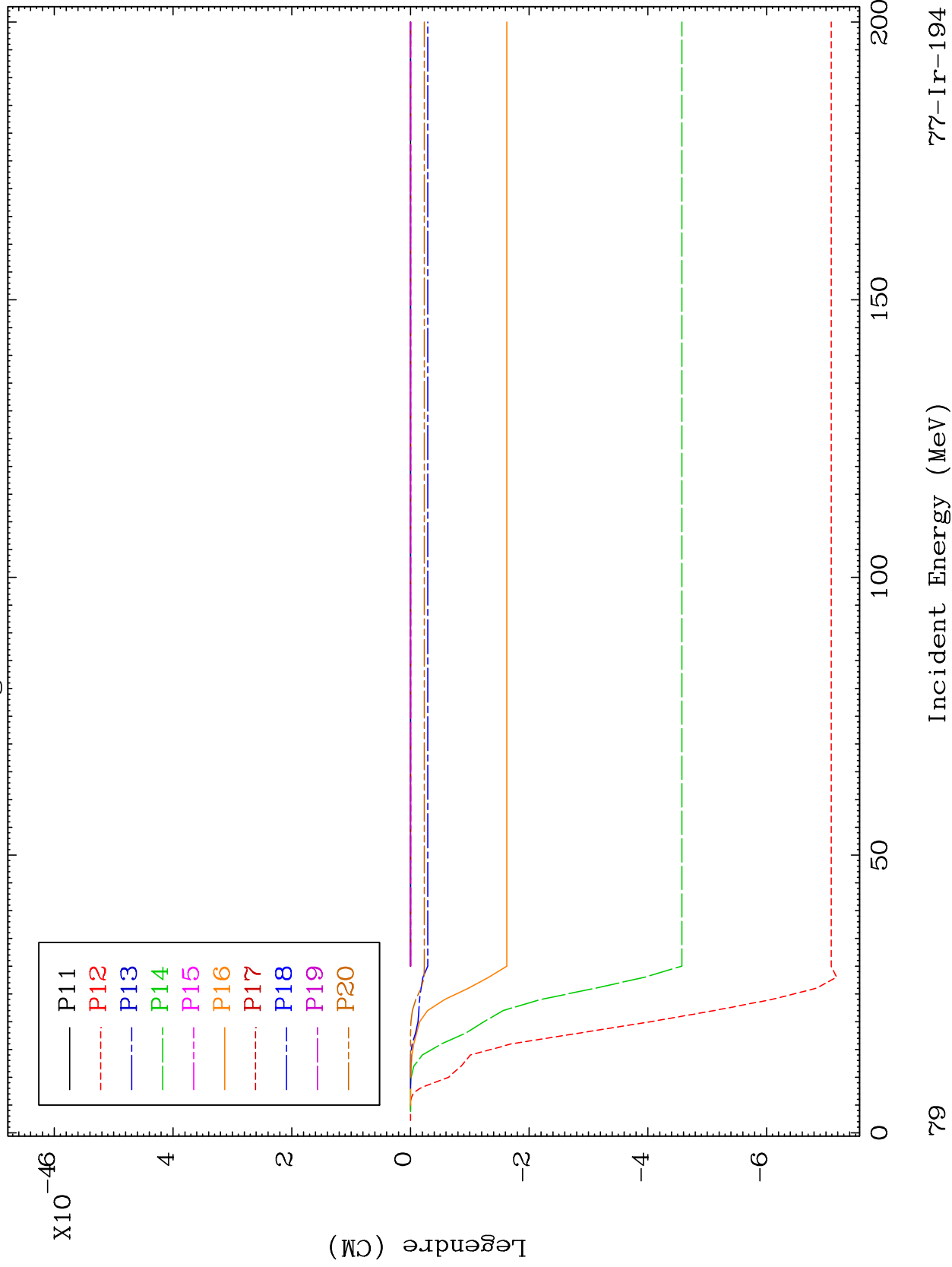
Incident Energy (MeV)

77-Ir-194

MAT 7734

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

77-Ir-194



79

Incident Energy (MeV)

77-Ir-194

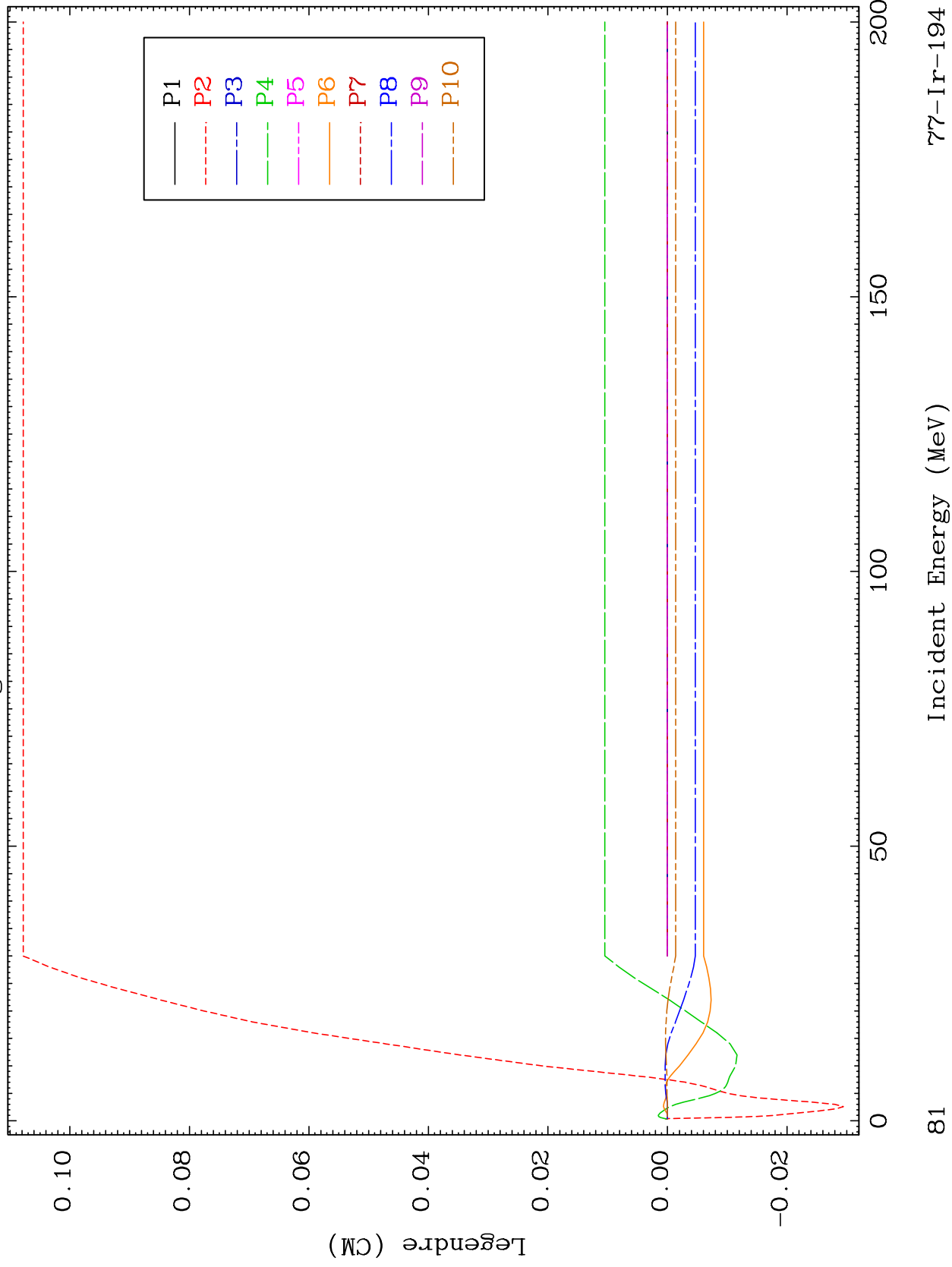




MAT 7734

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

77-Ir-194



77-Ir-194

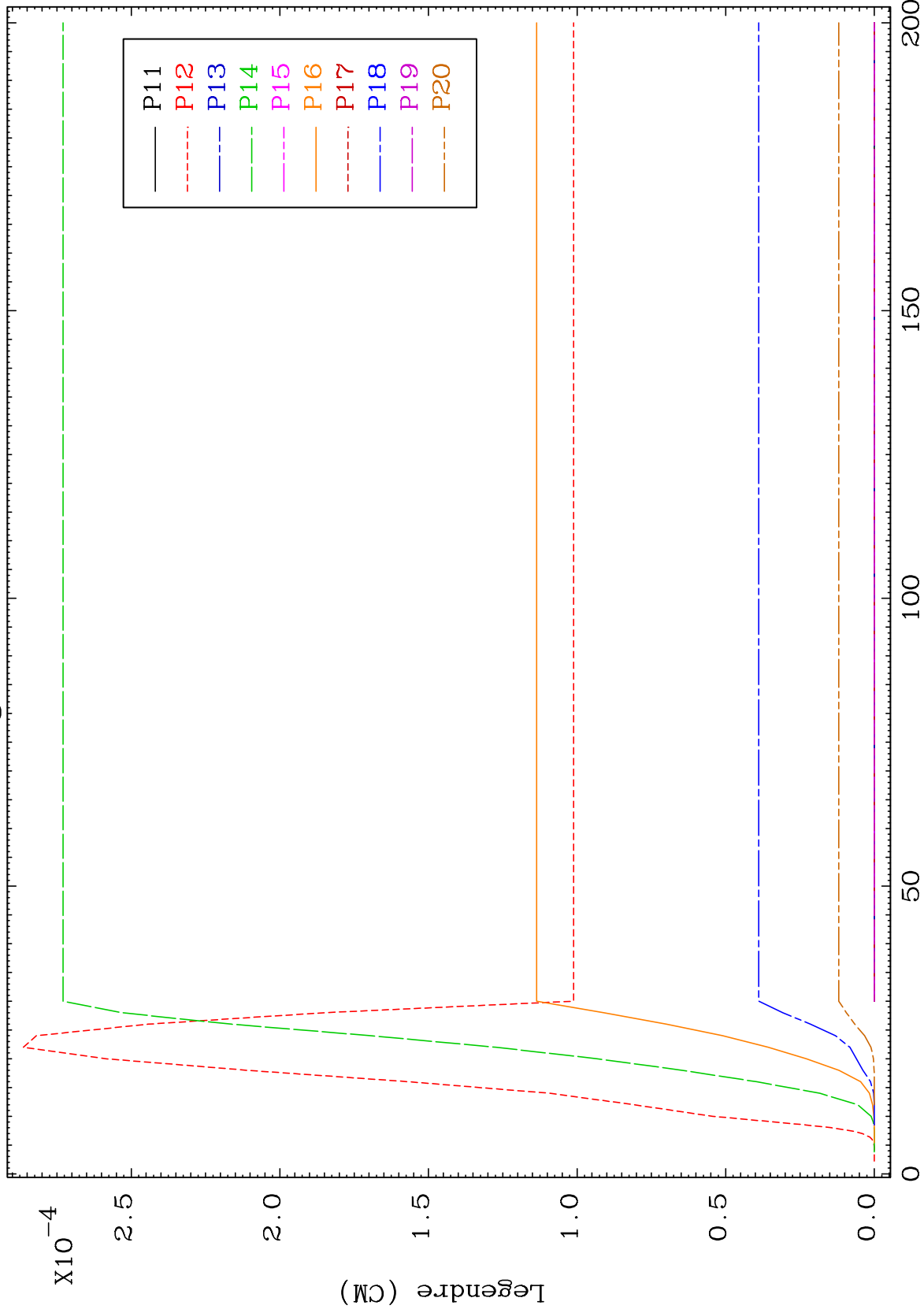
Incident Energy (MeV)

81

MAT 7734

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

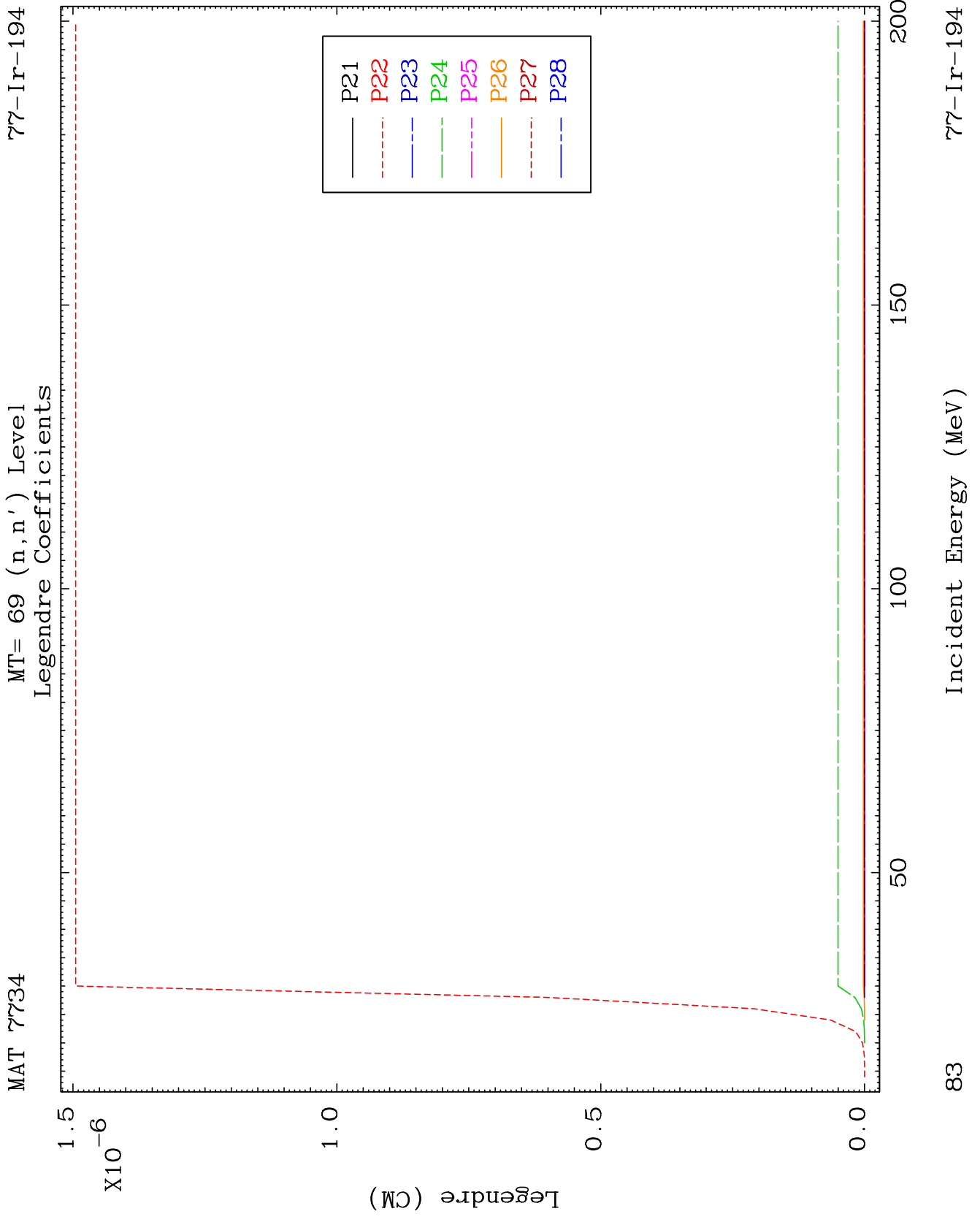
77-Ir-194



82

Incident Energy (MeV)

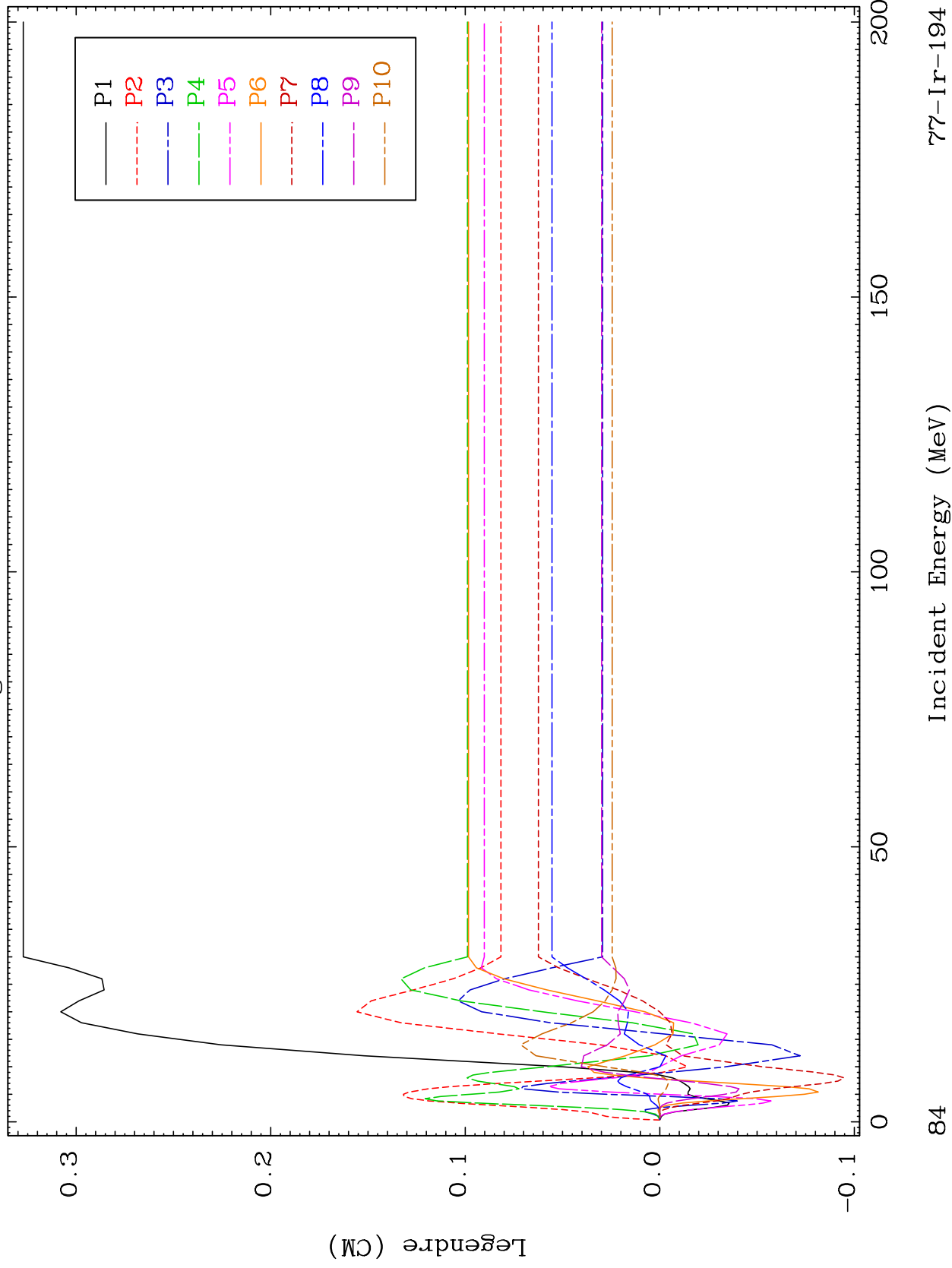
77-Ir-194



MAT 7734

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

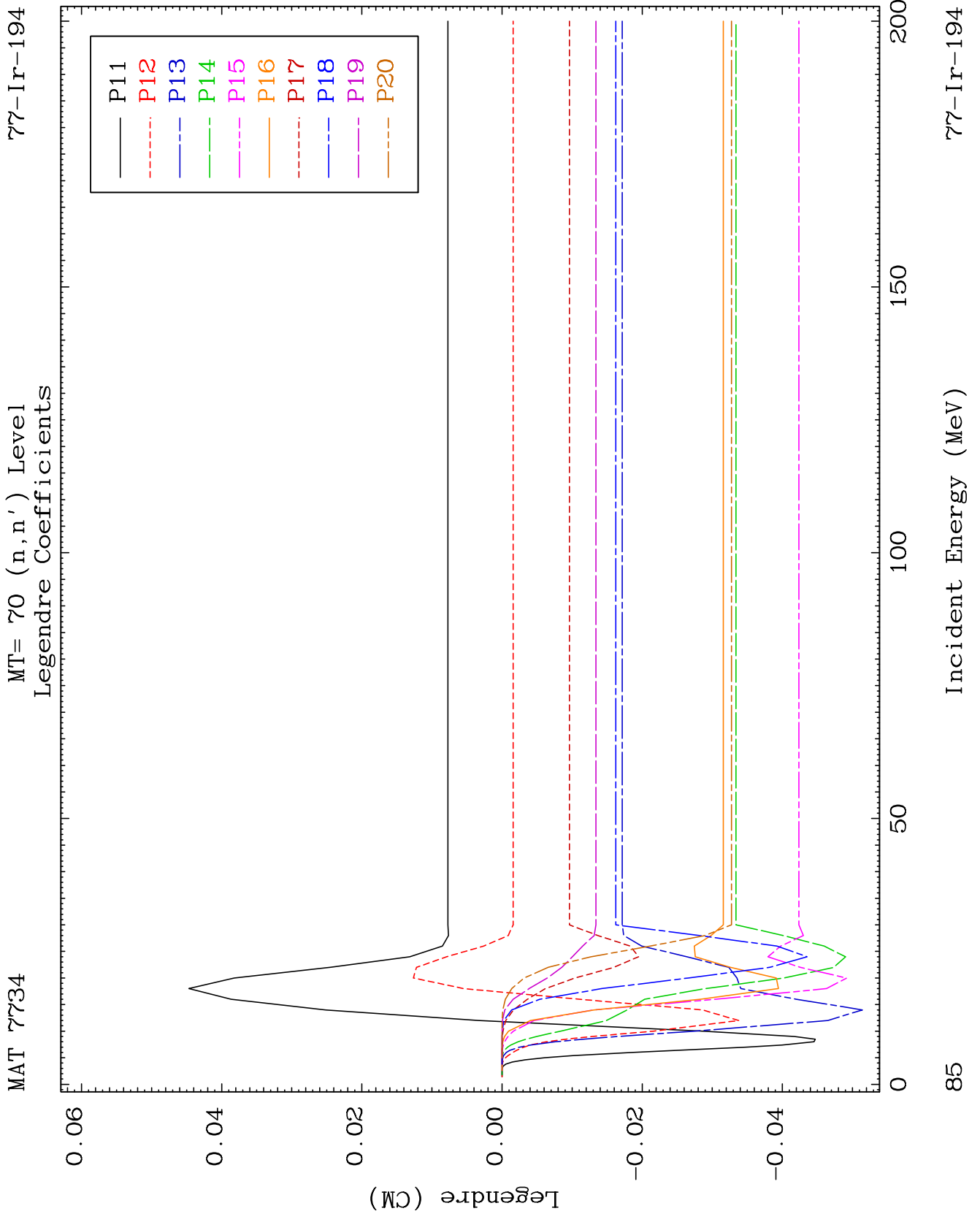
77-Ir-194



77-Ir-194

Incident Energy (MeV)

84



77-Ir-194

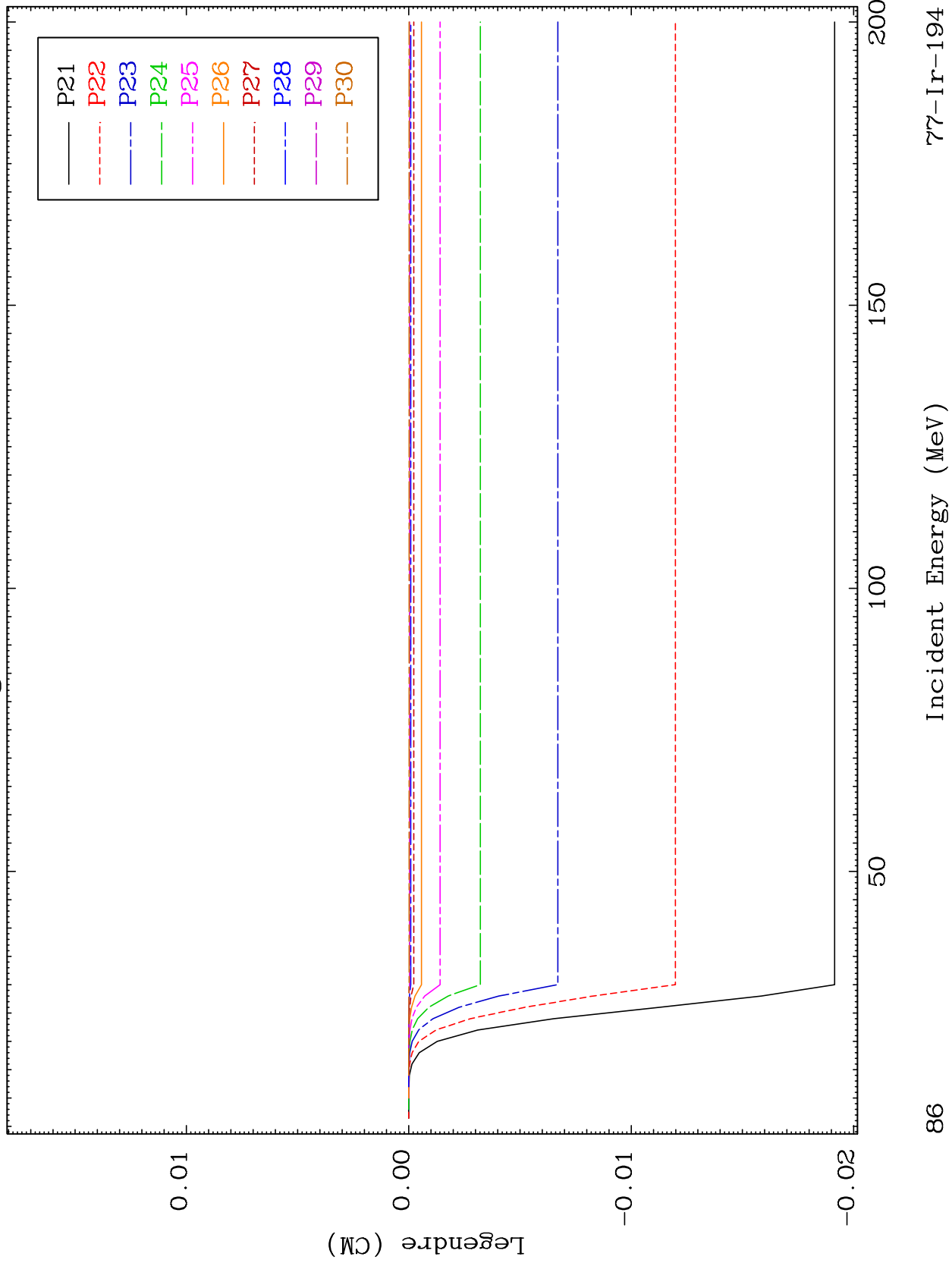
Incident Energy (MeV)

85

MAT 7734

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

77-Ir-194



86

Incident Energy (MeV)

77-Ir-194



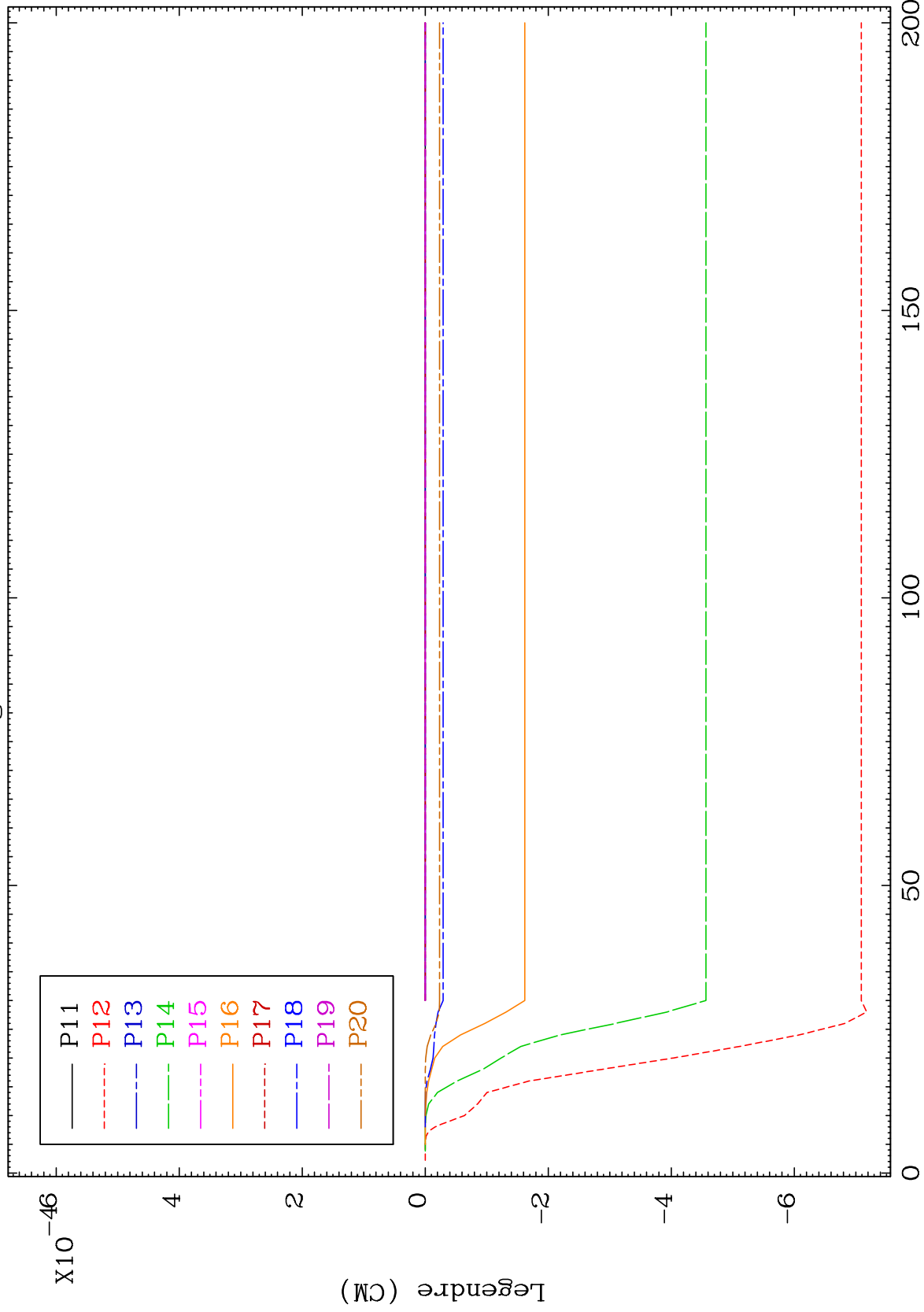




MAT 7734

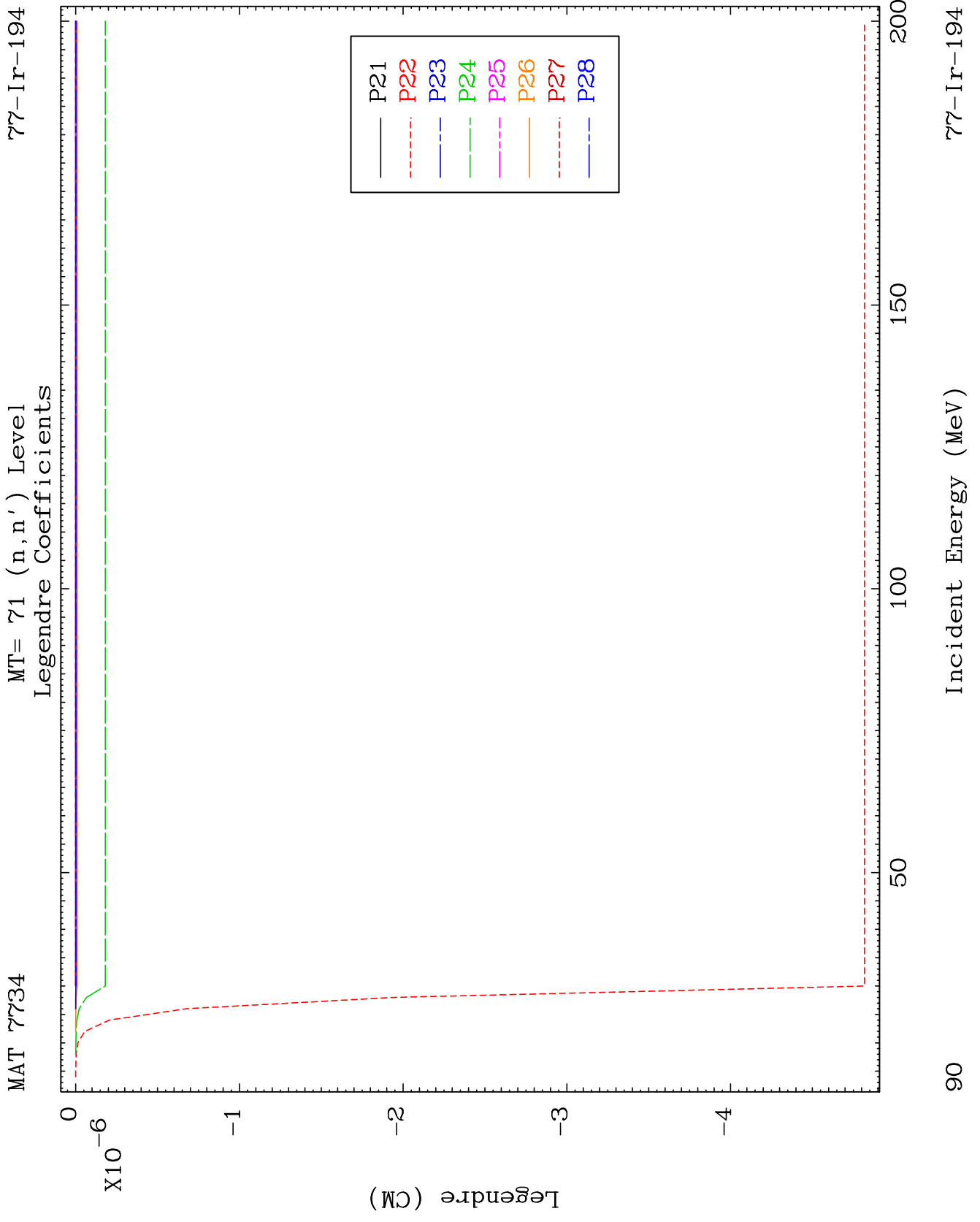
MT= 71 (n,n') Level  
Legendre Coefficients

77-Ir-194



89

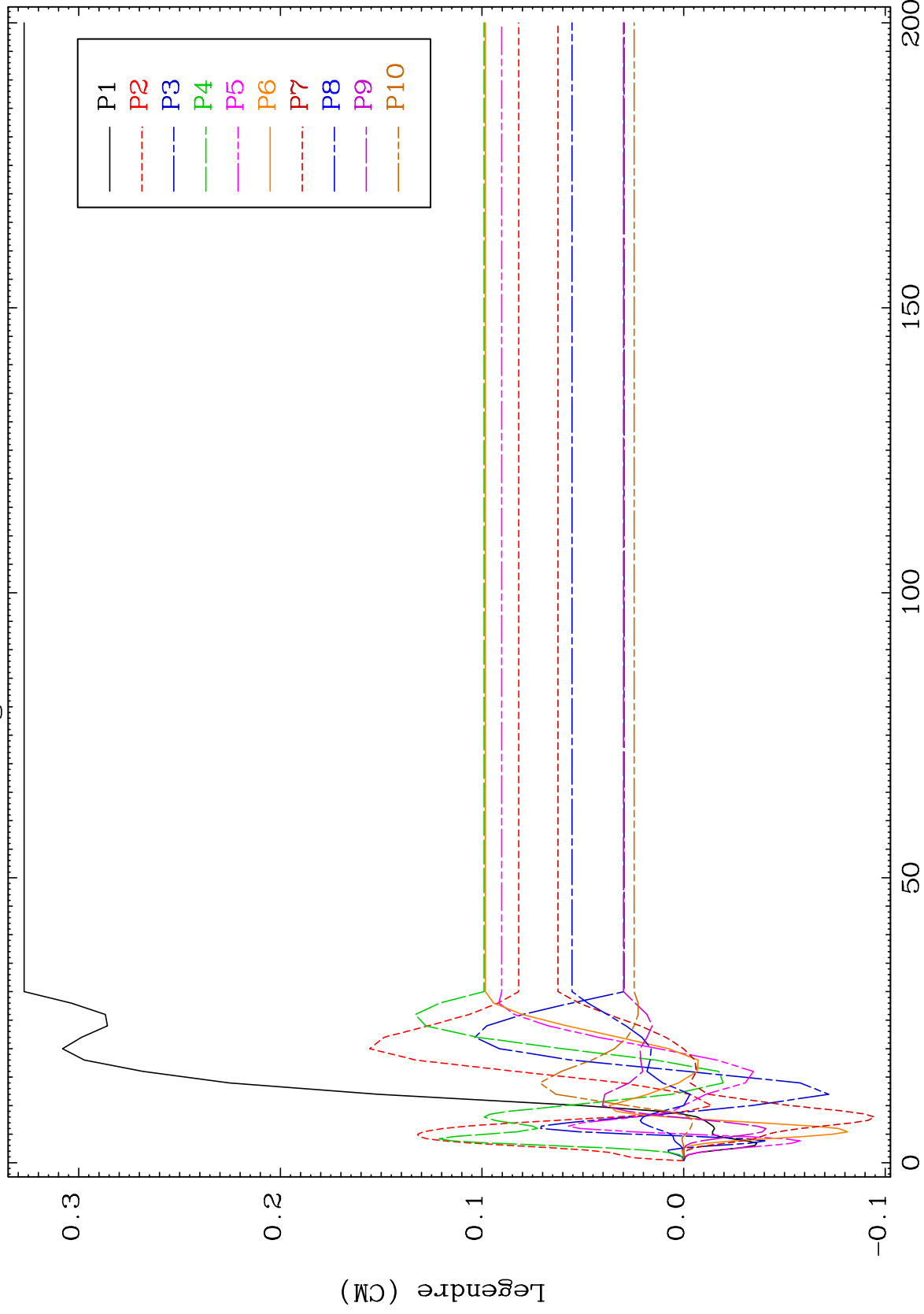
77-Ir-194



MAT 7734

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

77-Ir-194



91

Incident Energy (MeV)

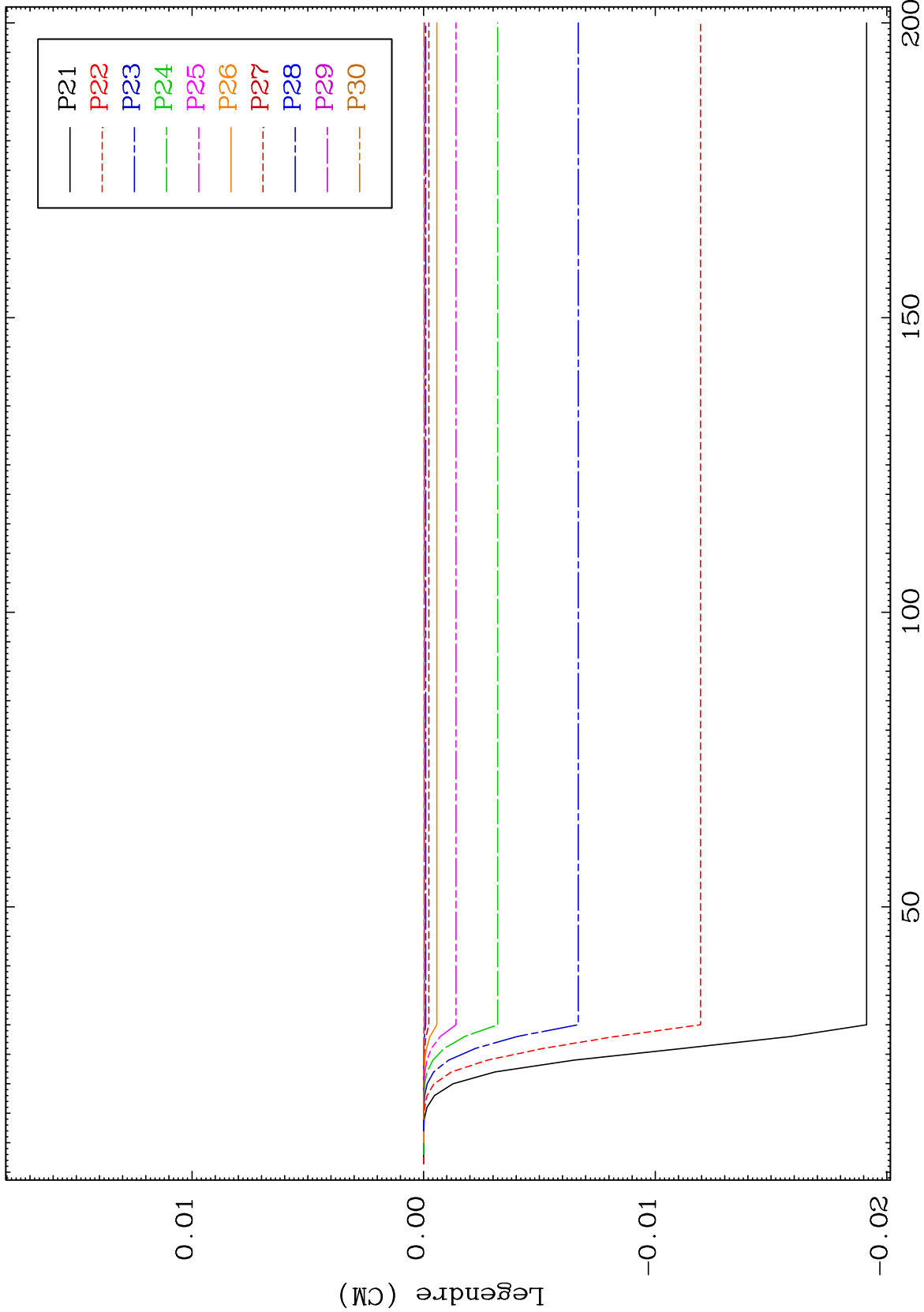
77-Ir-194



MAT 7734

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

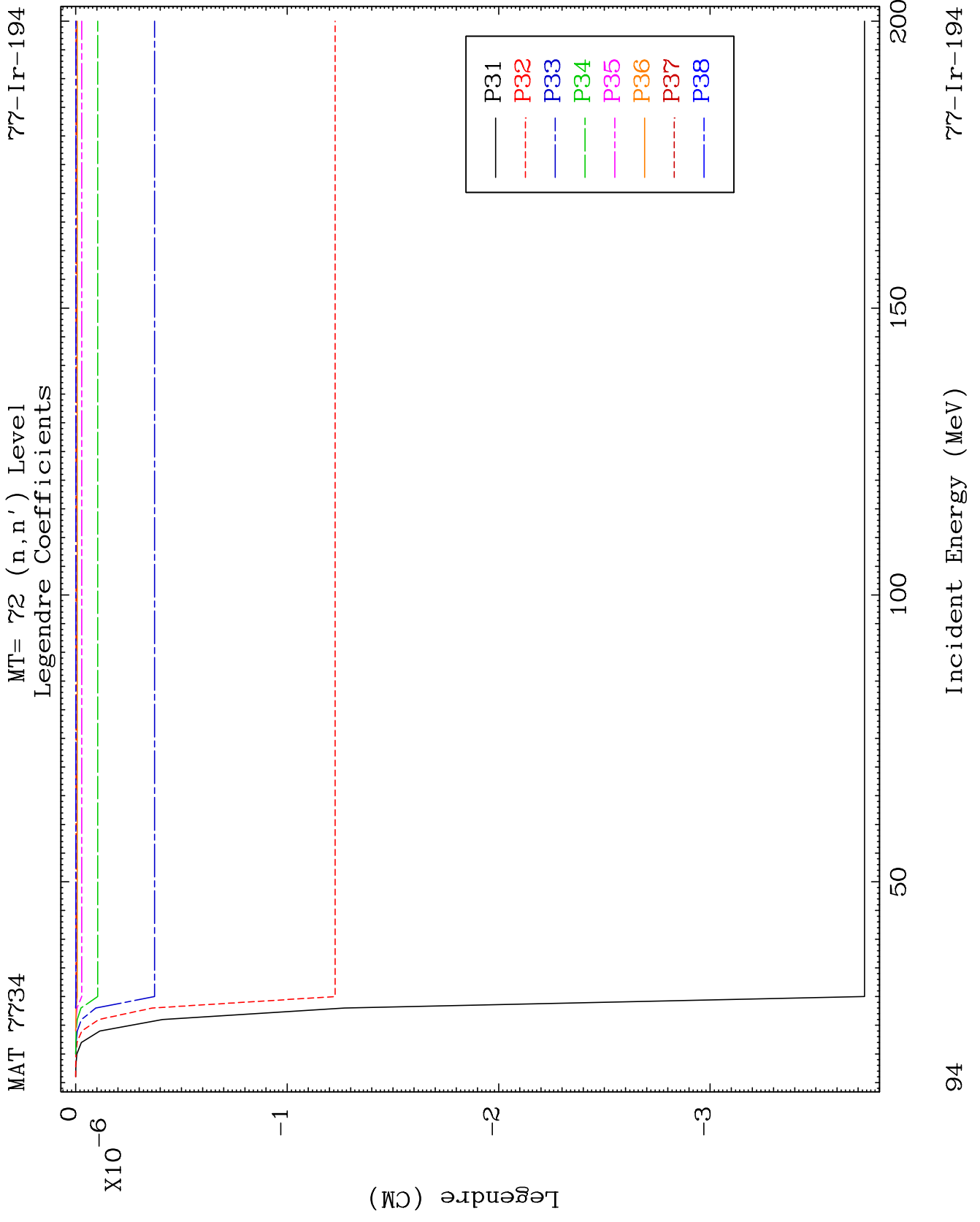
77-Ir-194

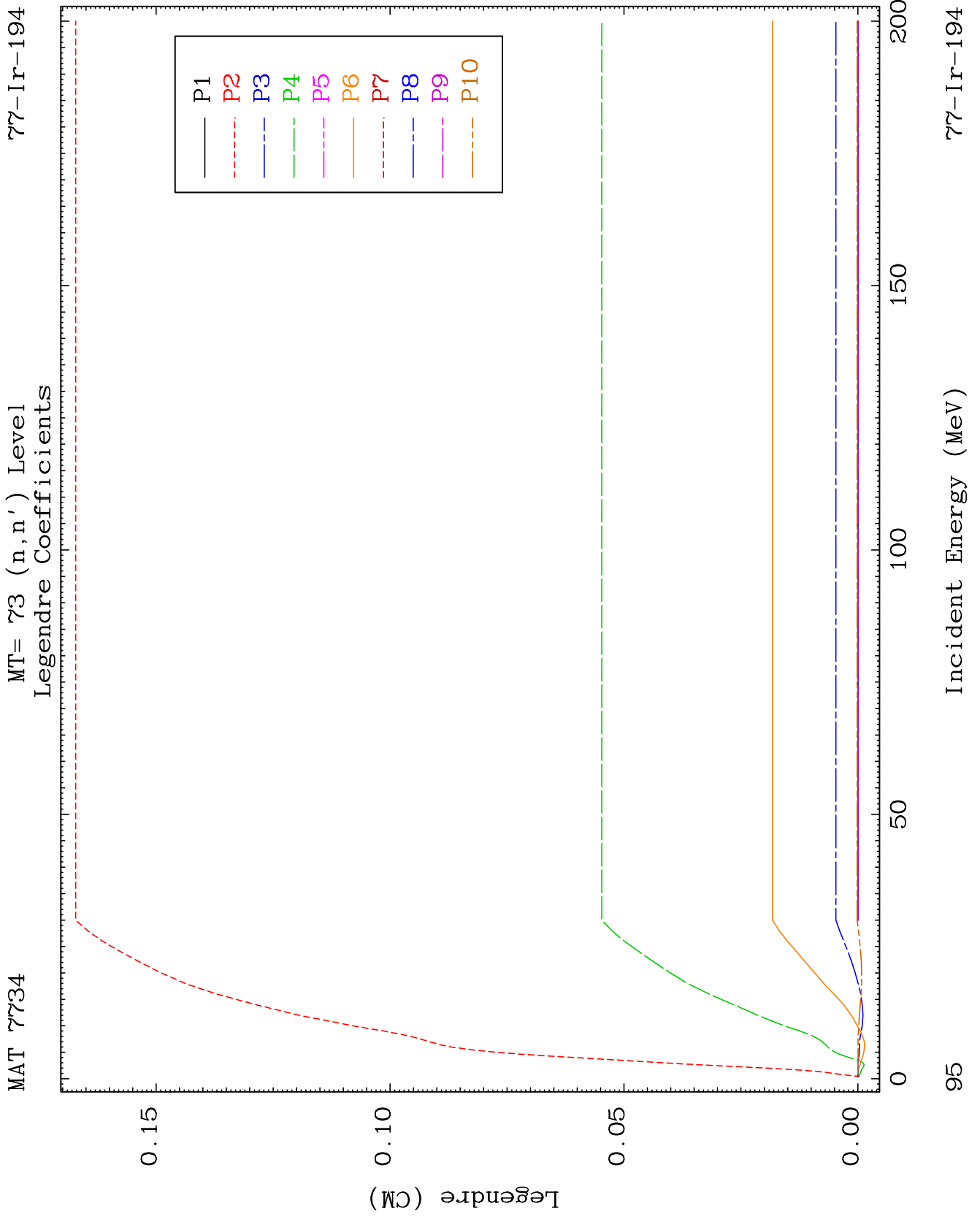


93

Incident Energy (MeV)

77-Ir-194



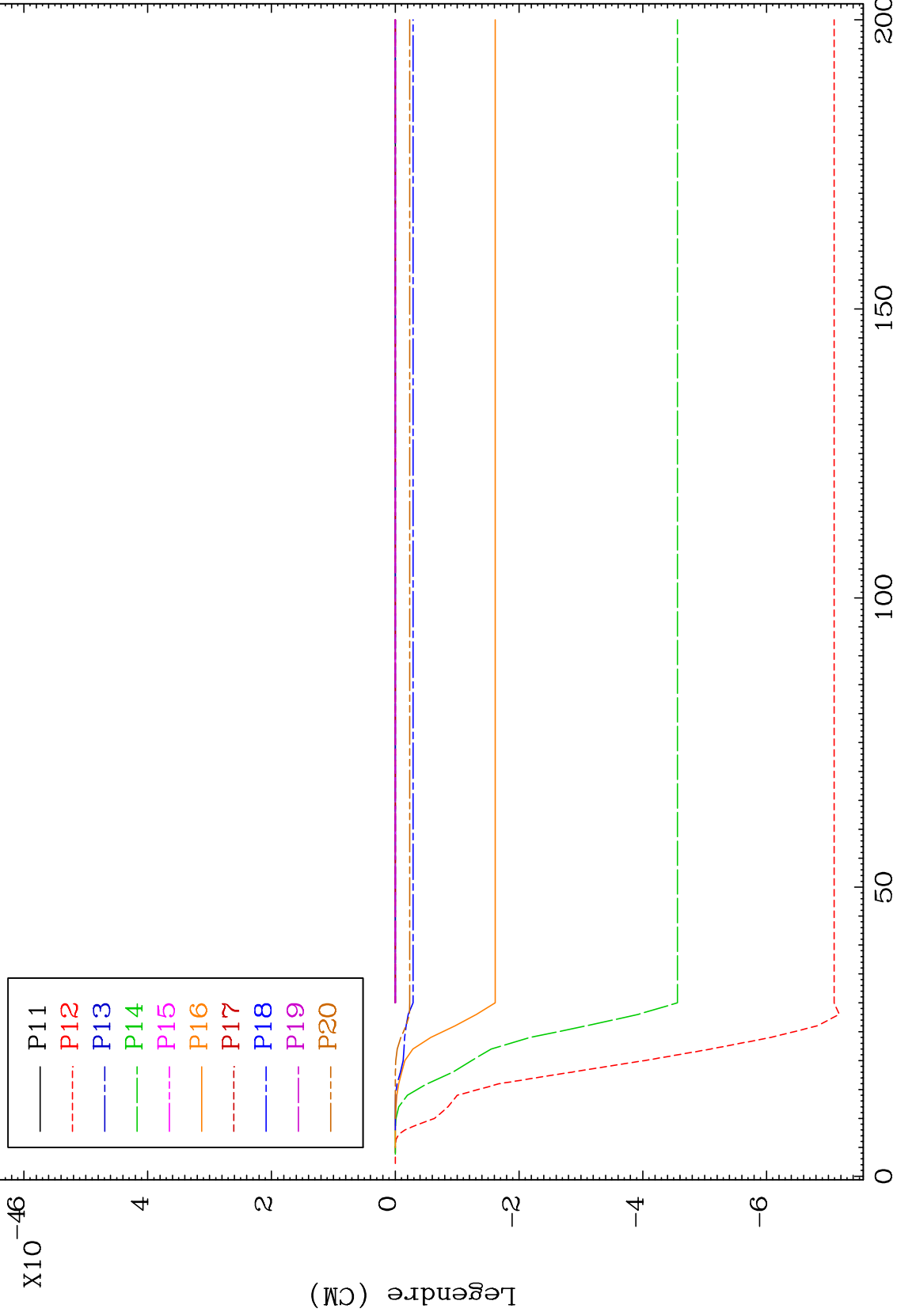
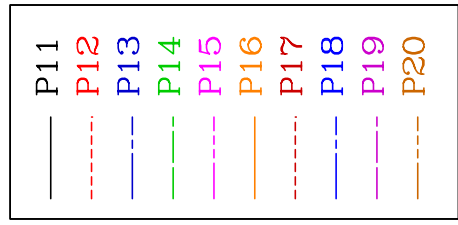




MAT 7734

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

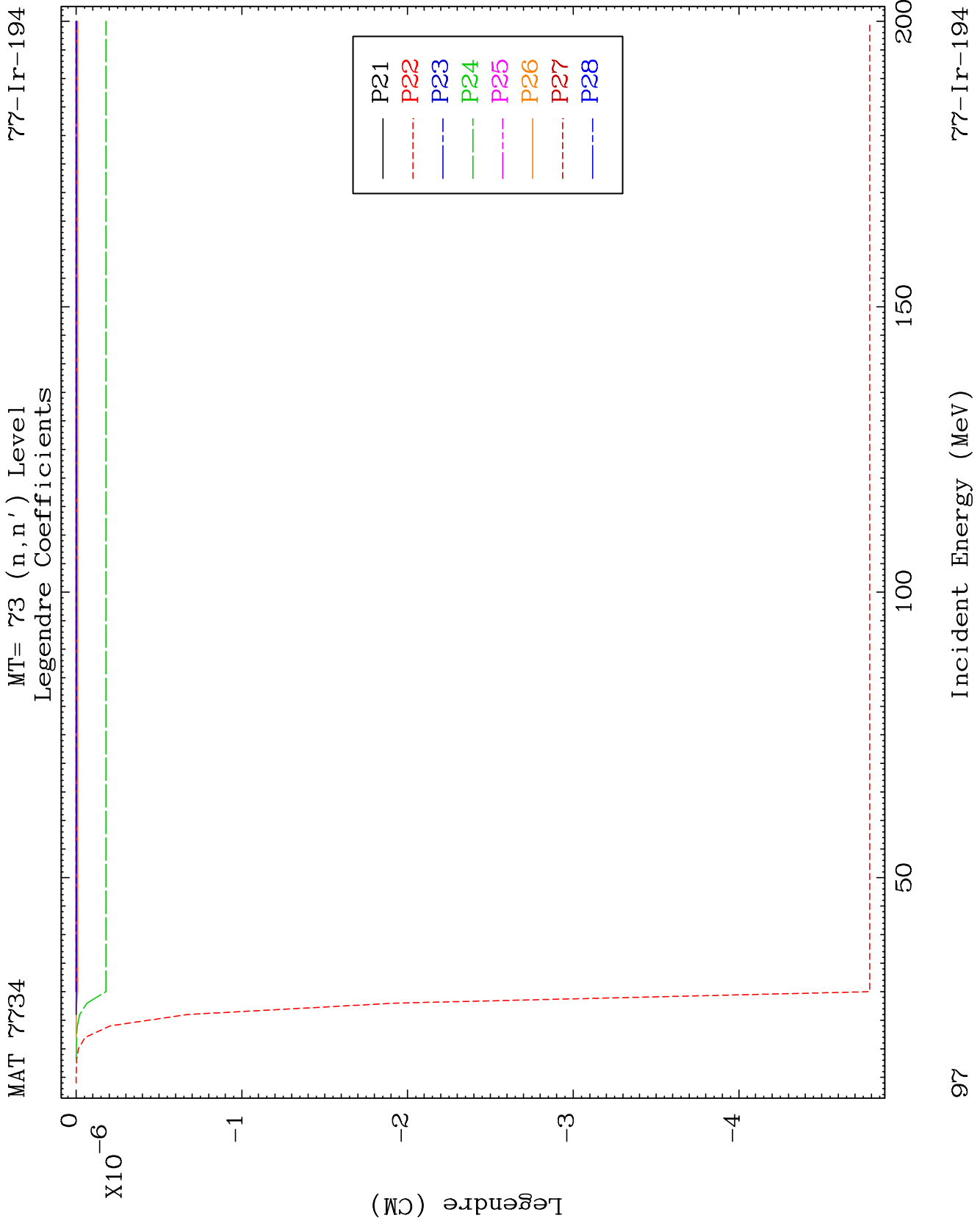
77-Ir-194

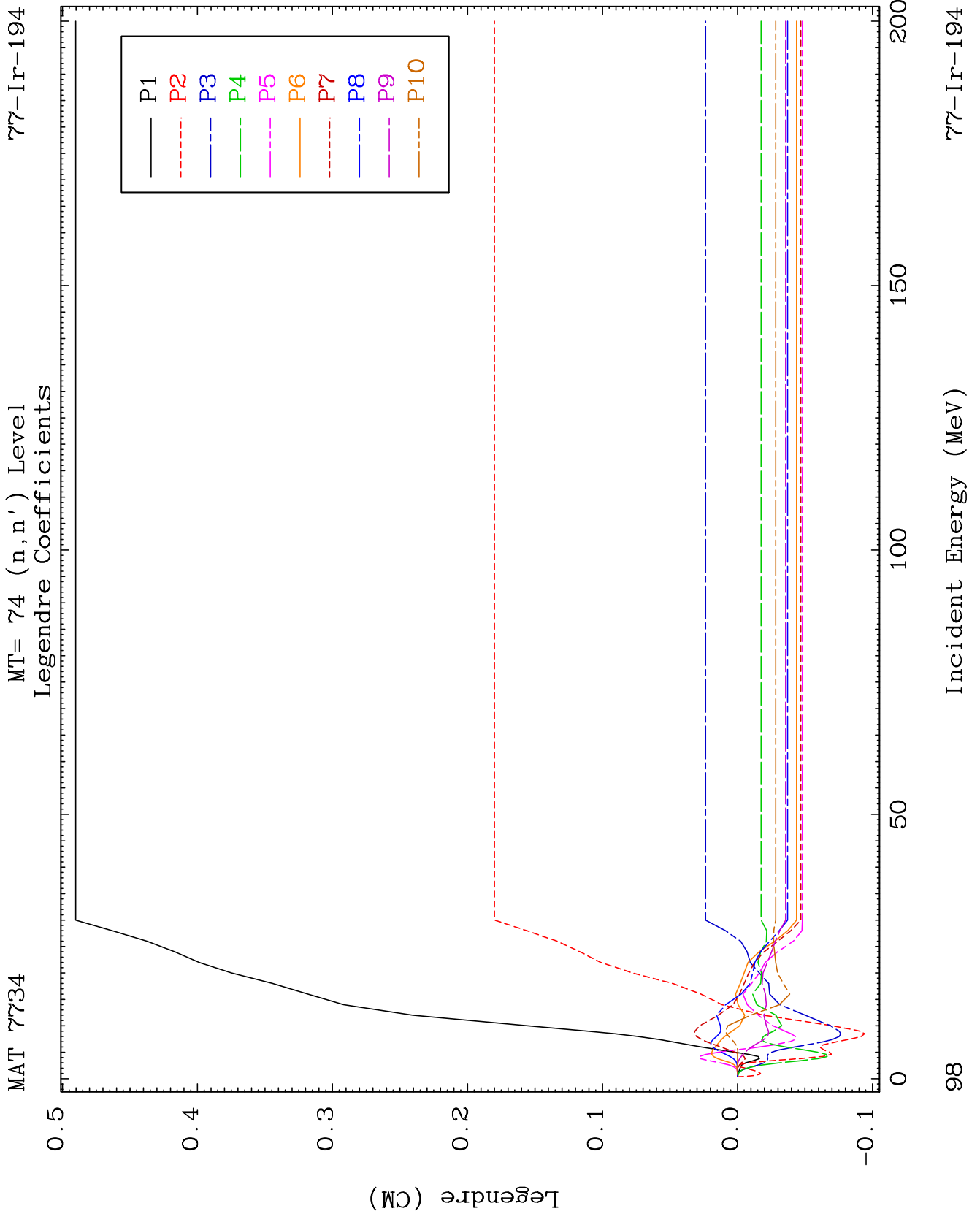


96

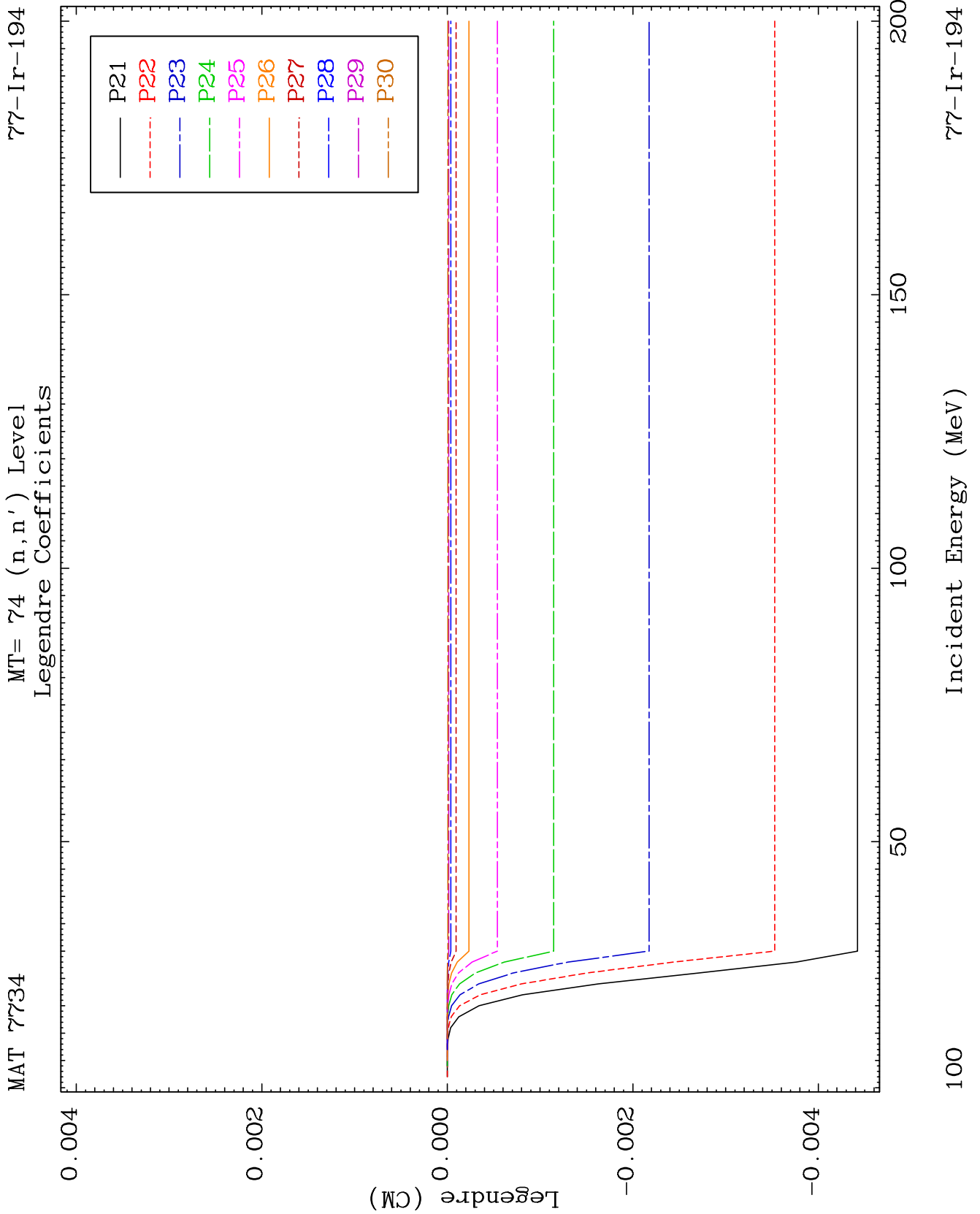
Incident Energy (MeV)

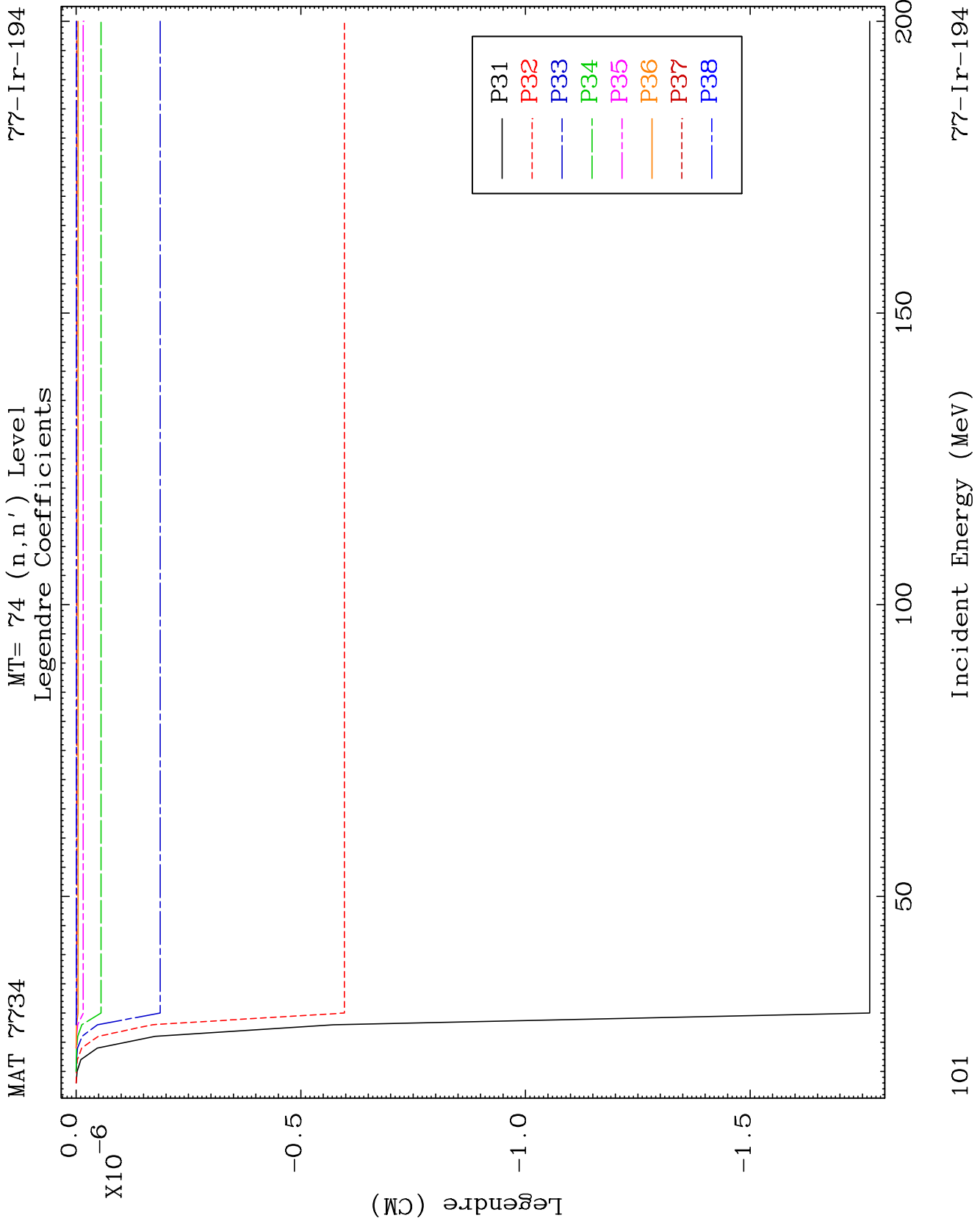
77-Ir-194

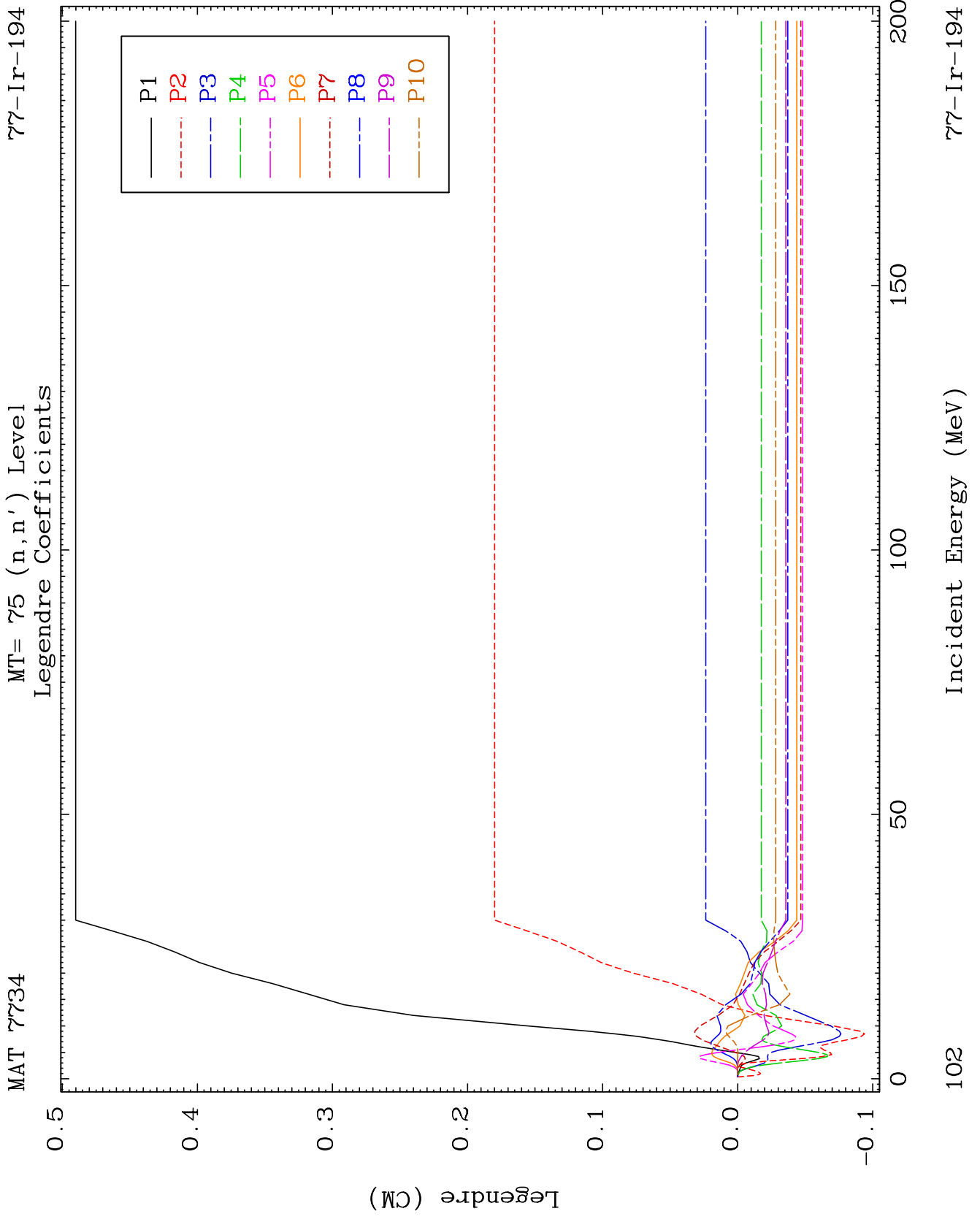


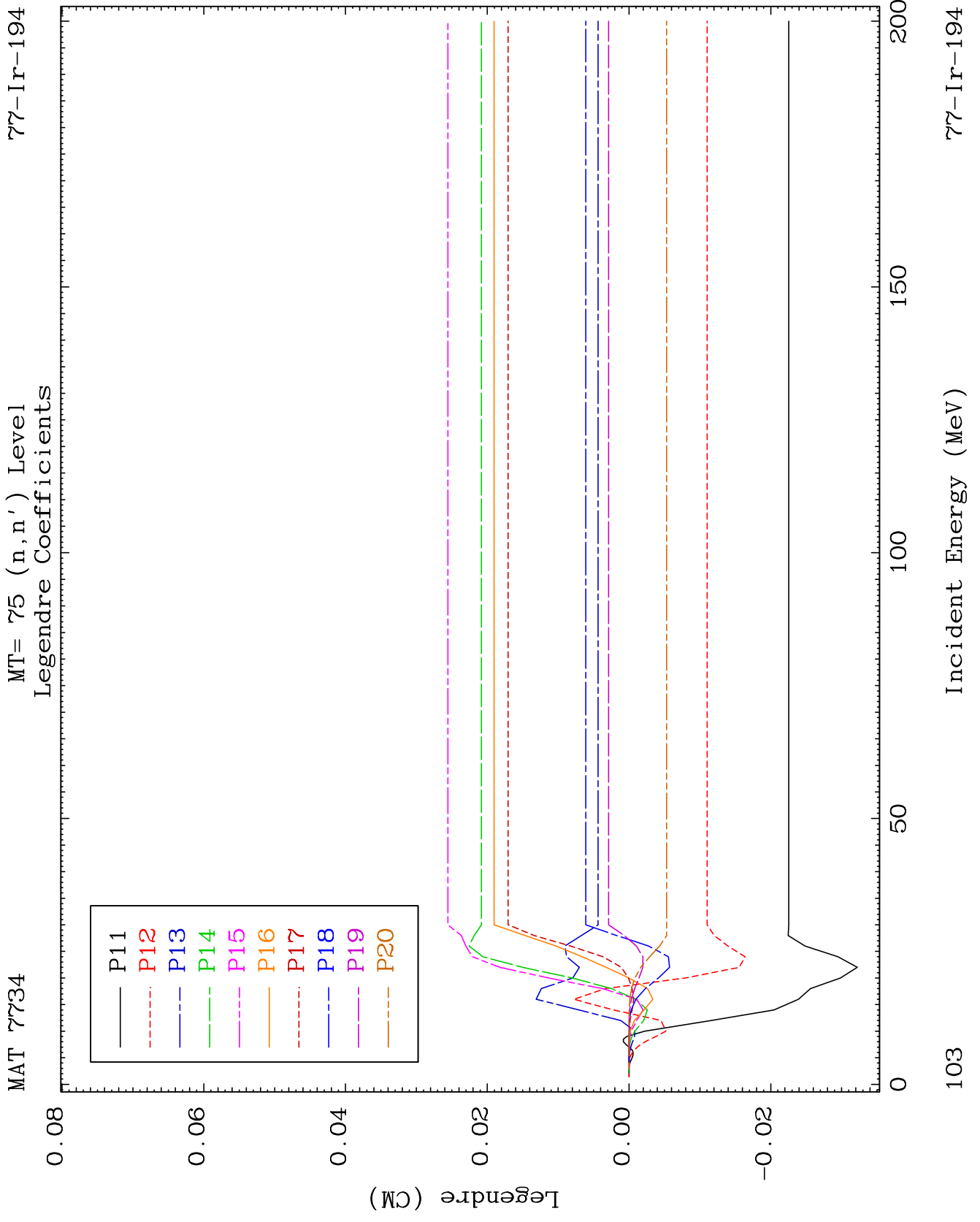




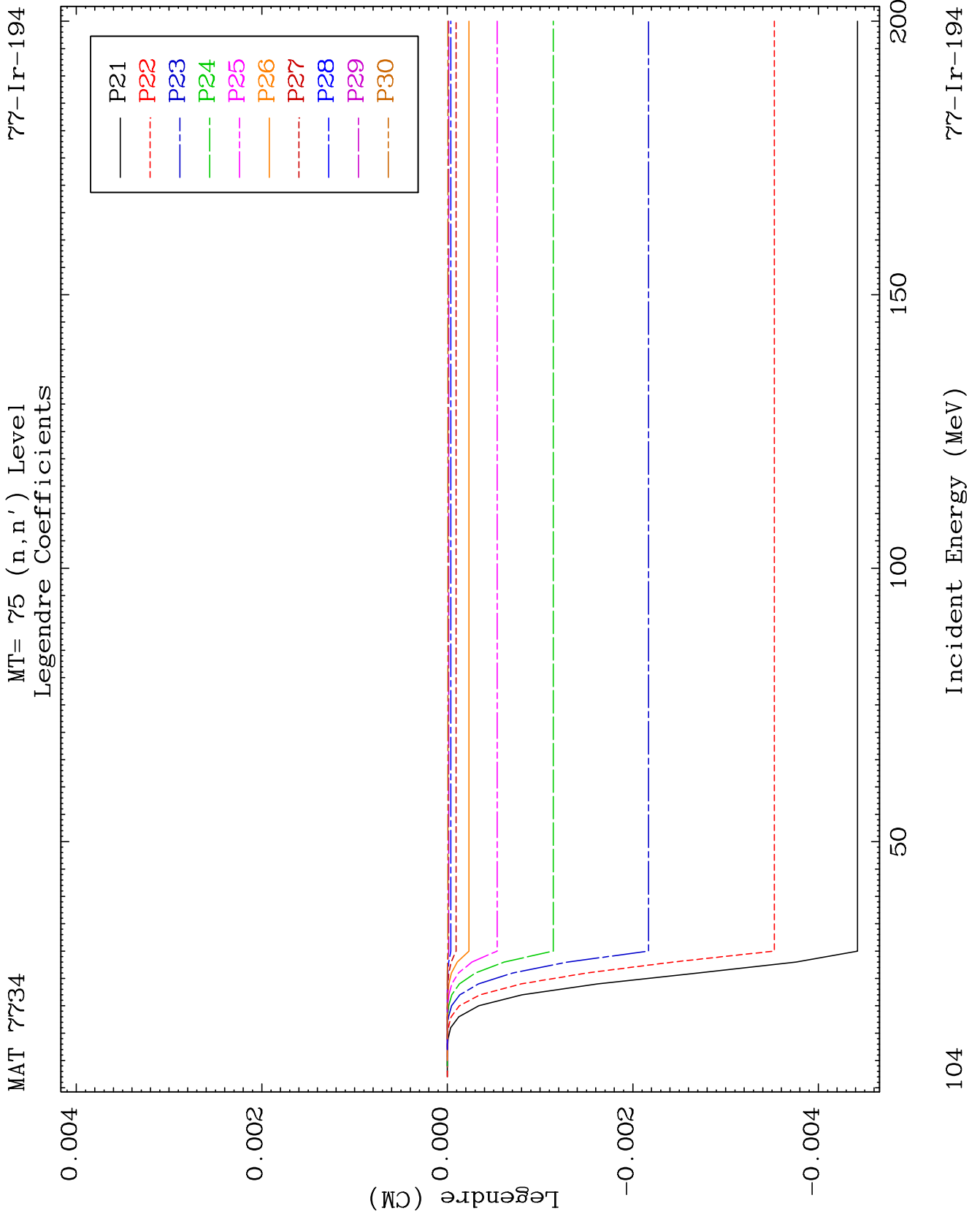


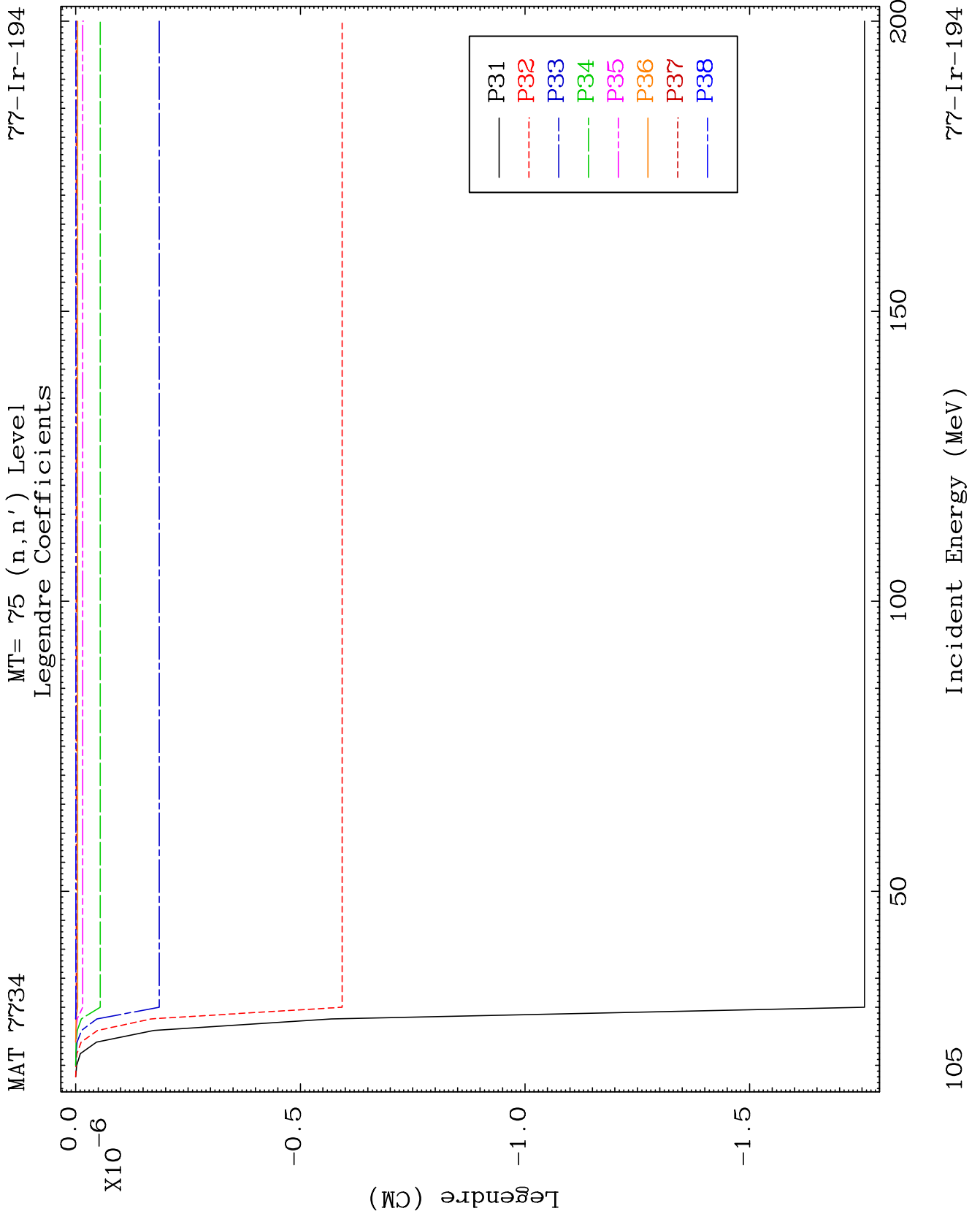


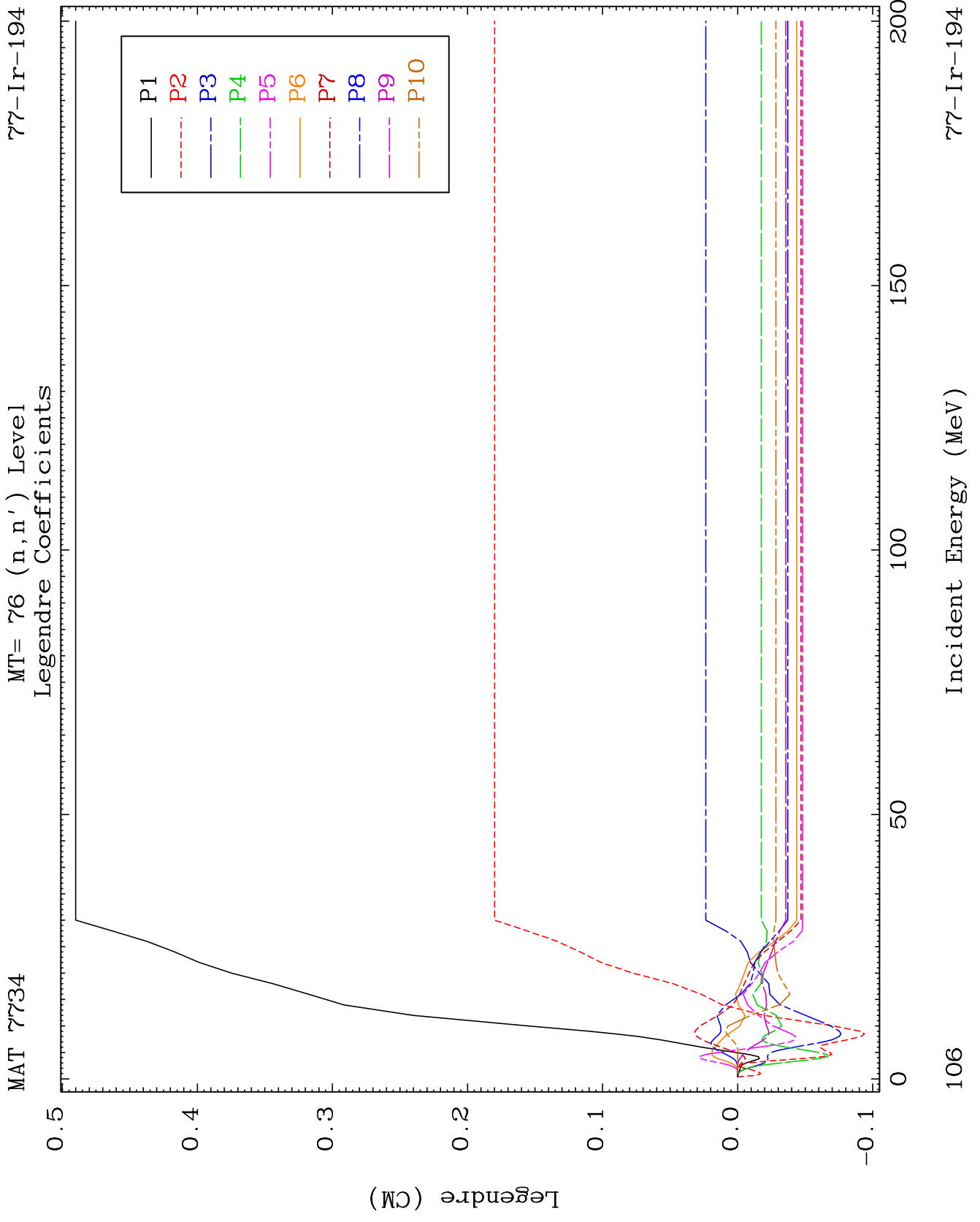


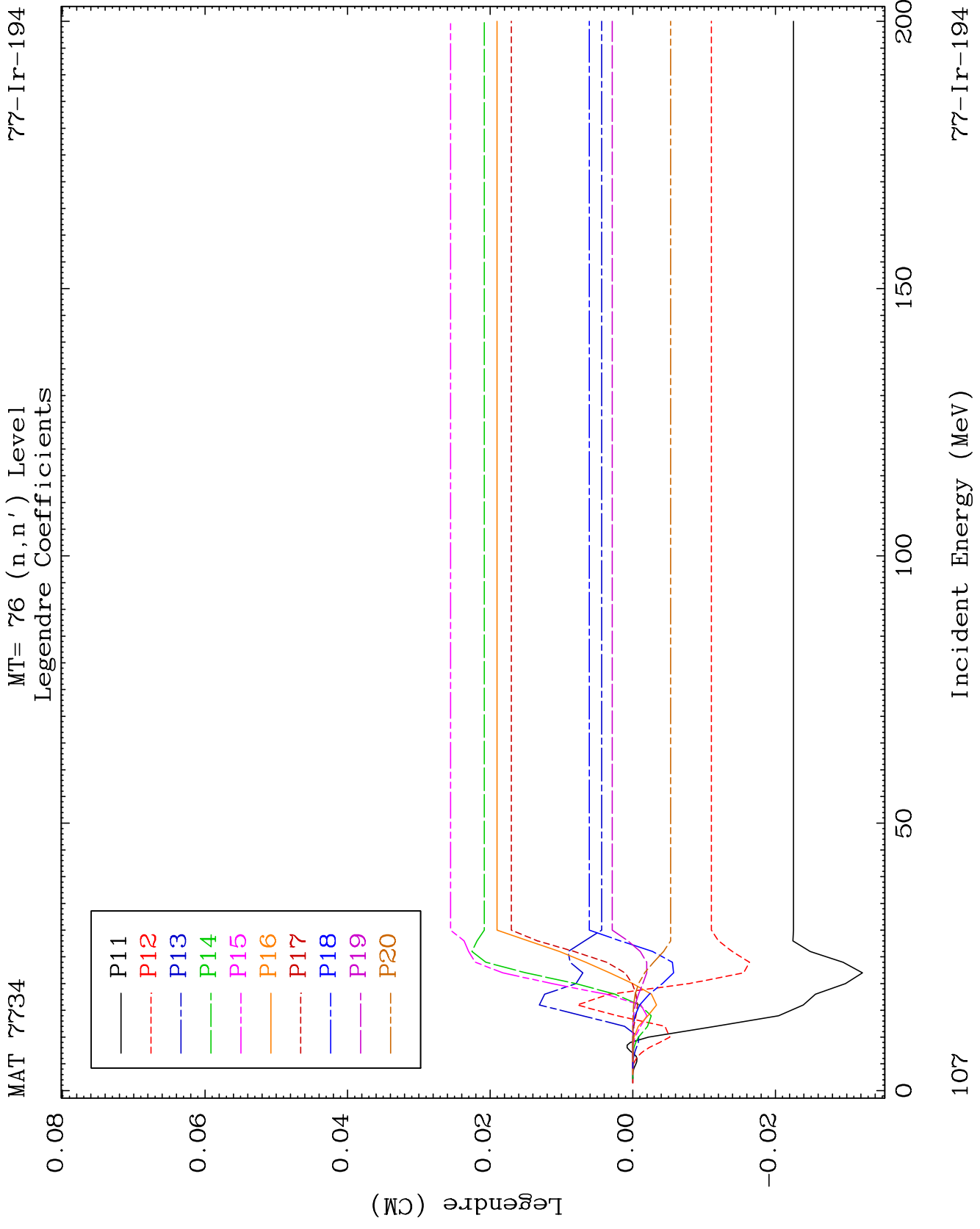


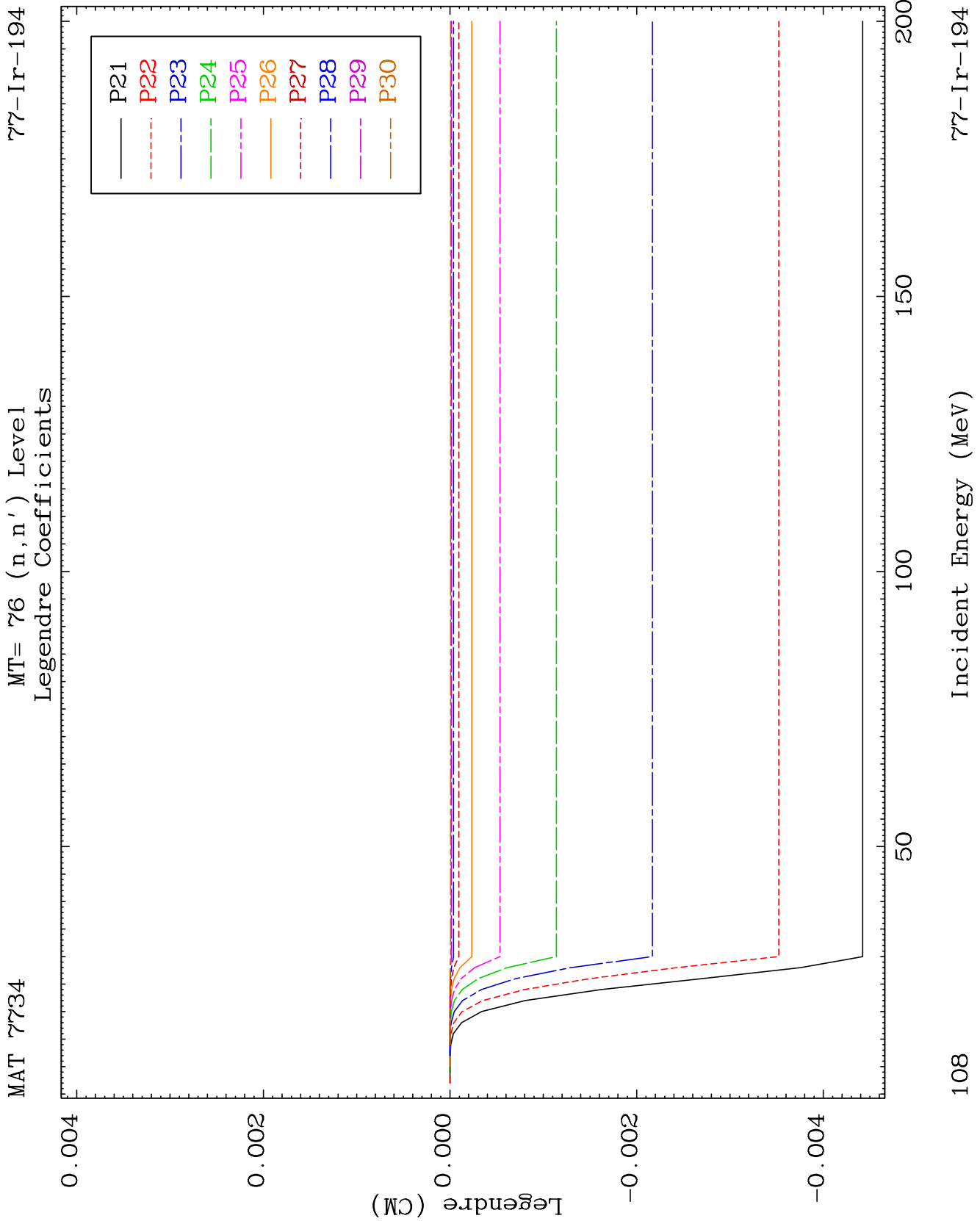


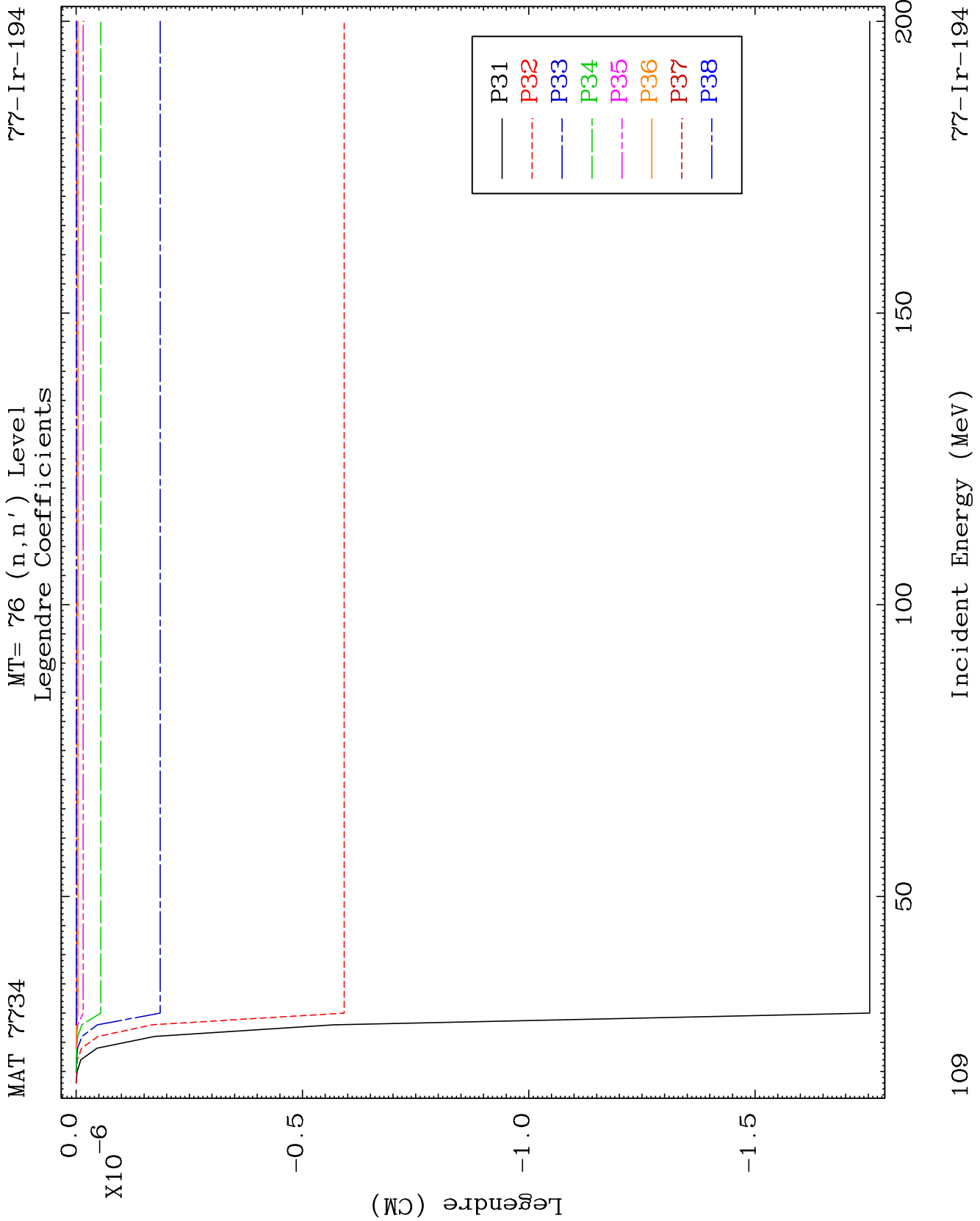


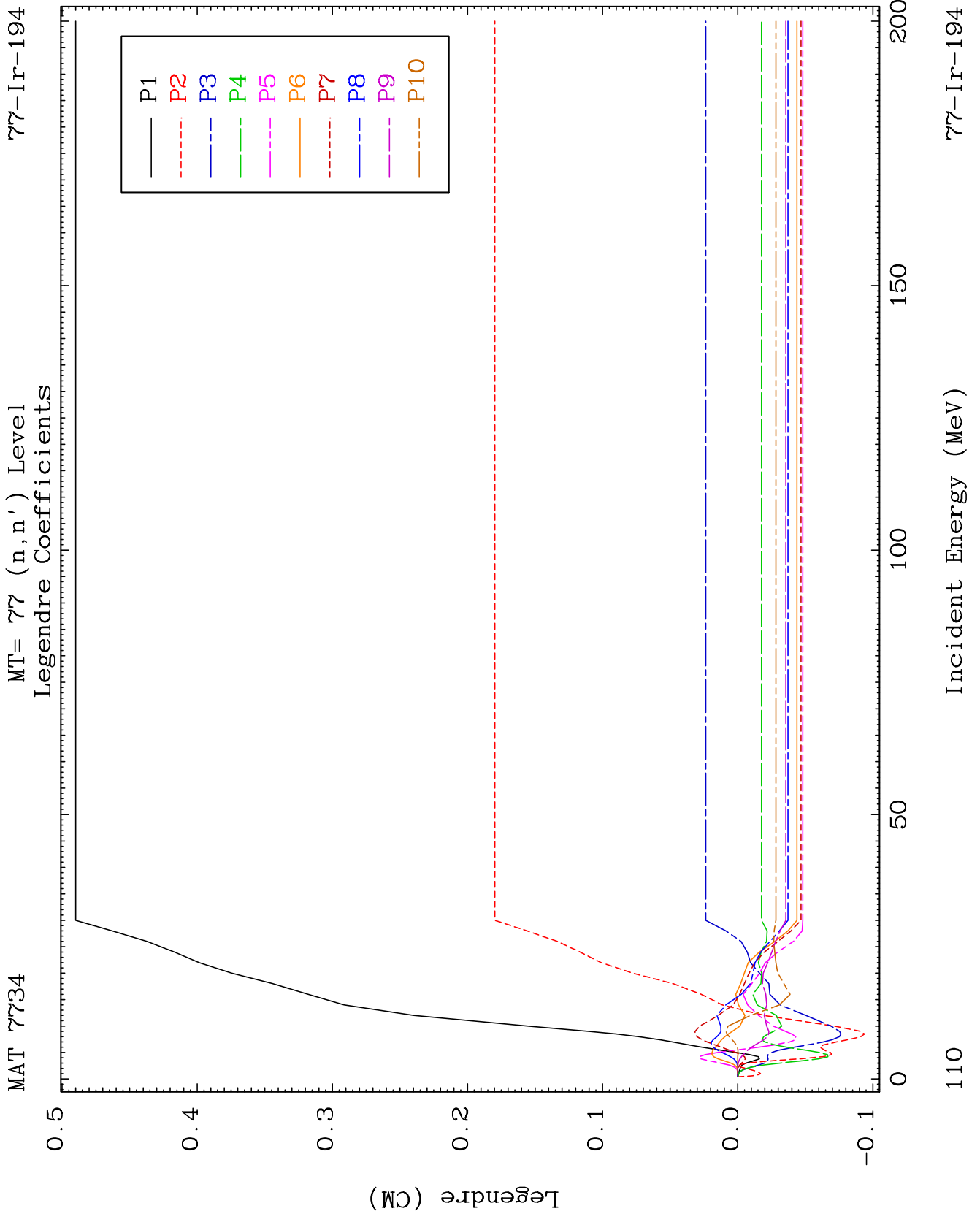


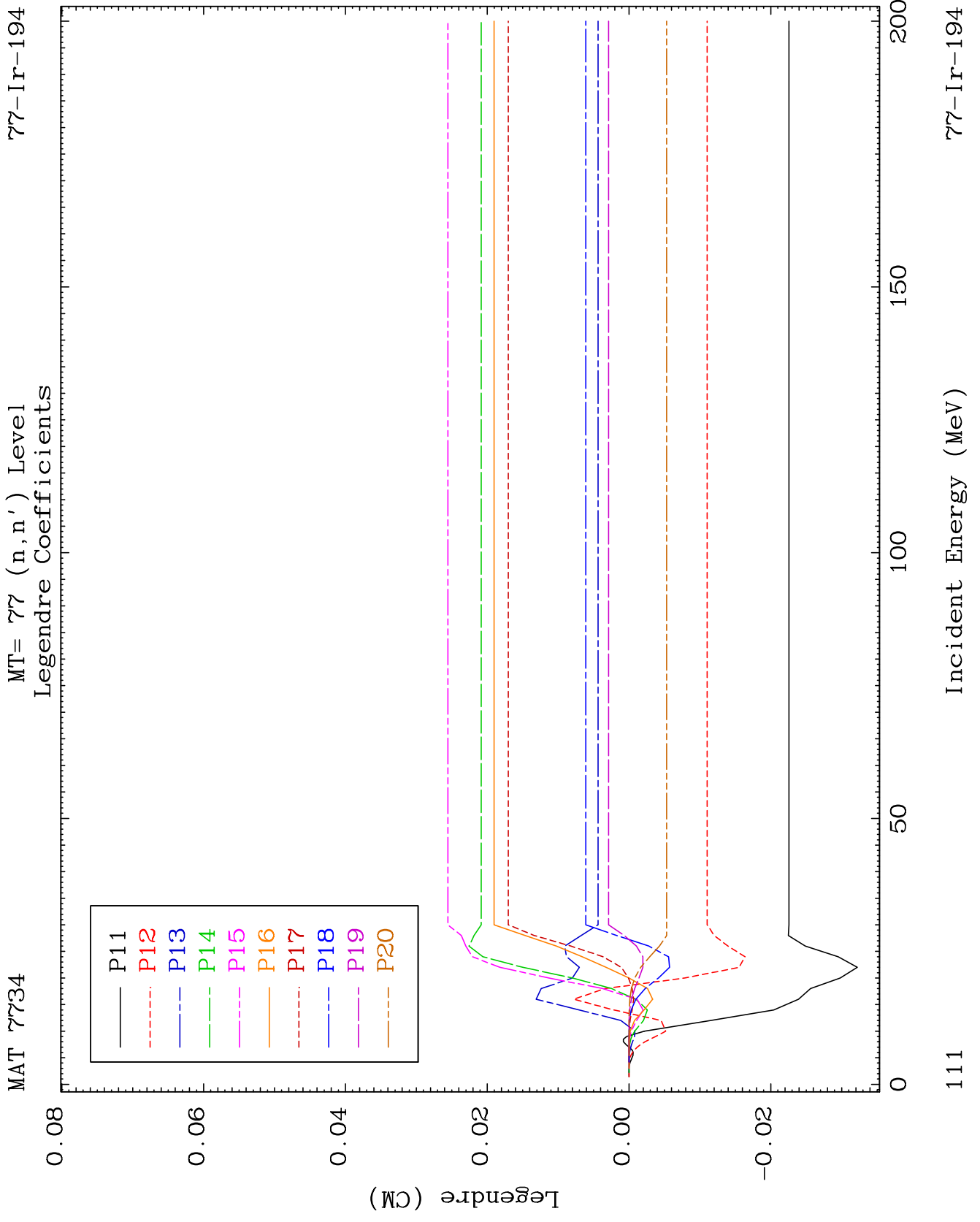










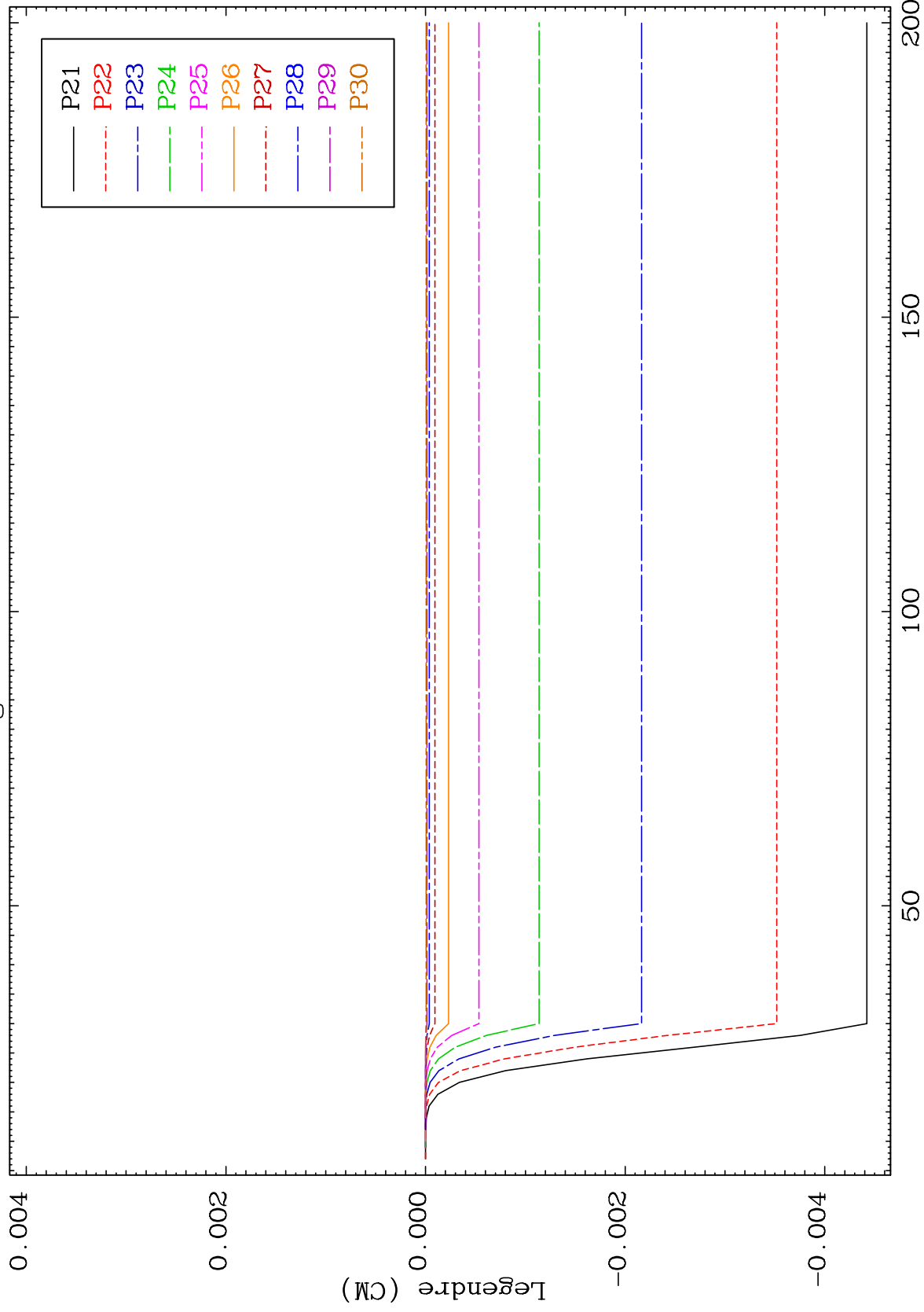




MAT 7734

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

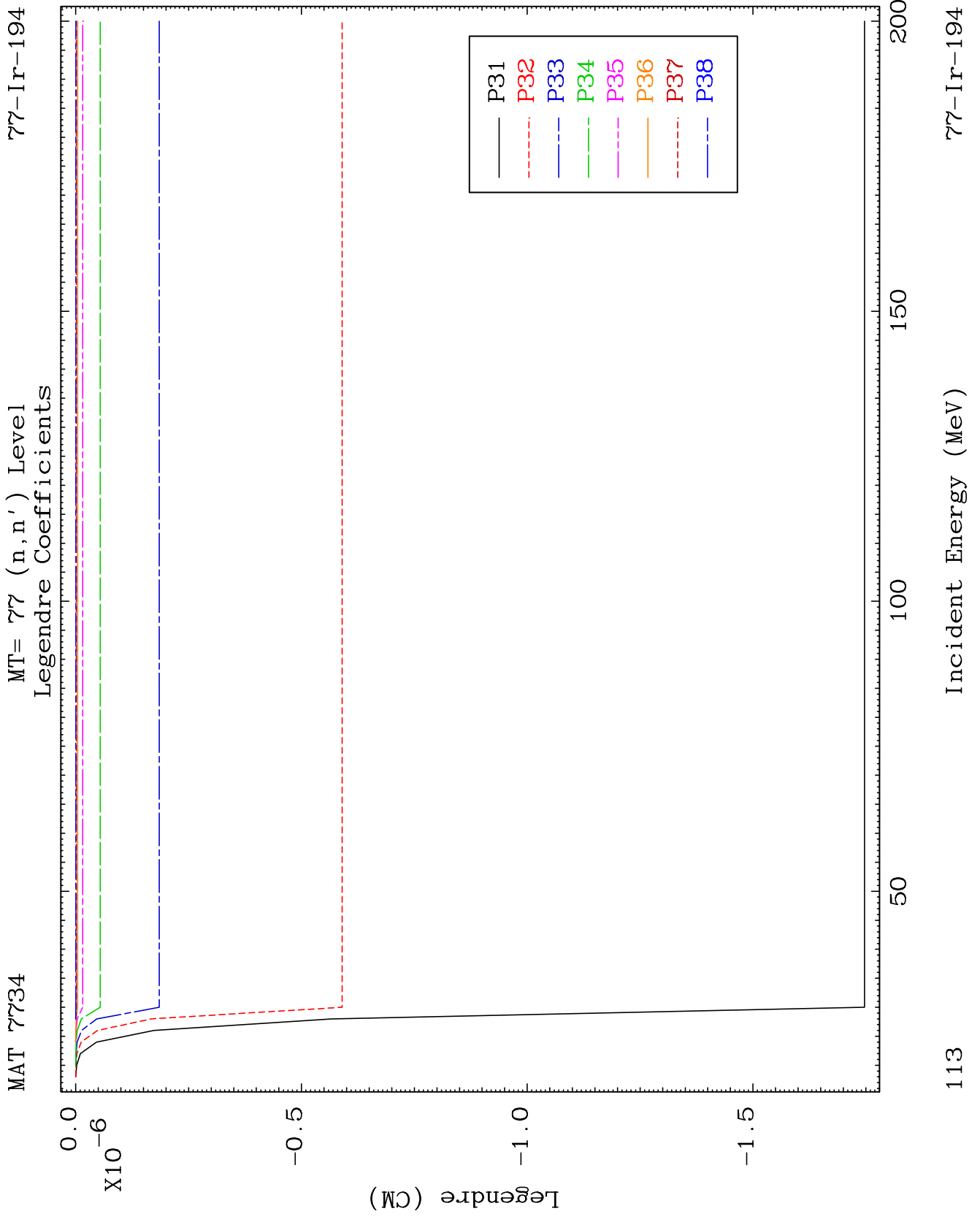
77-Ir-194

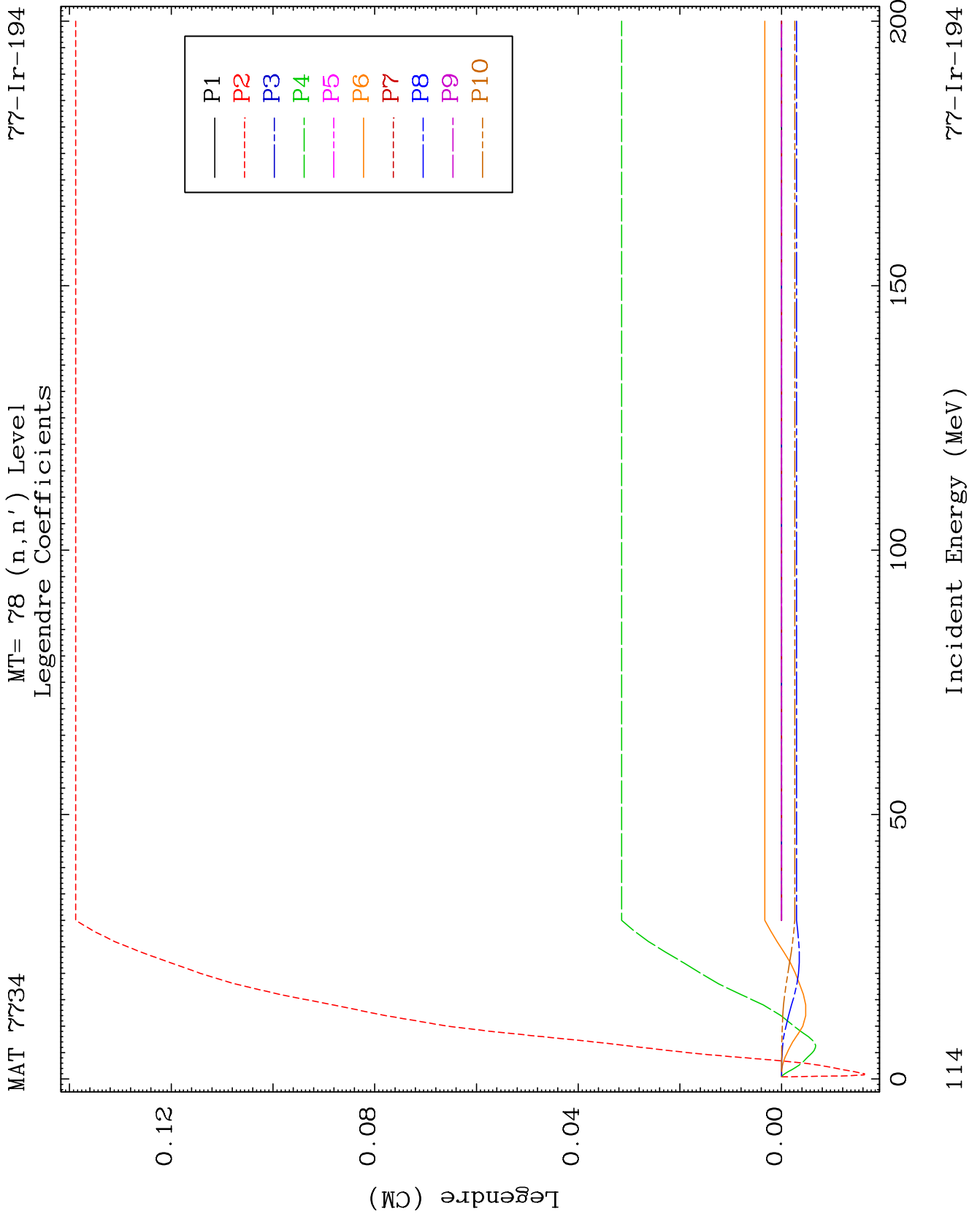


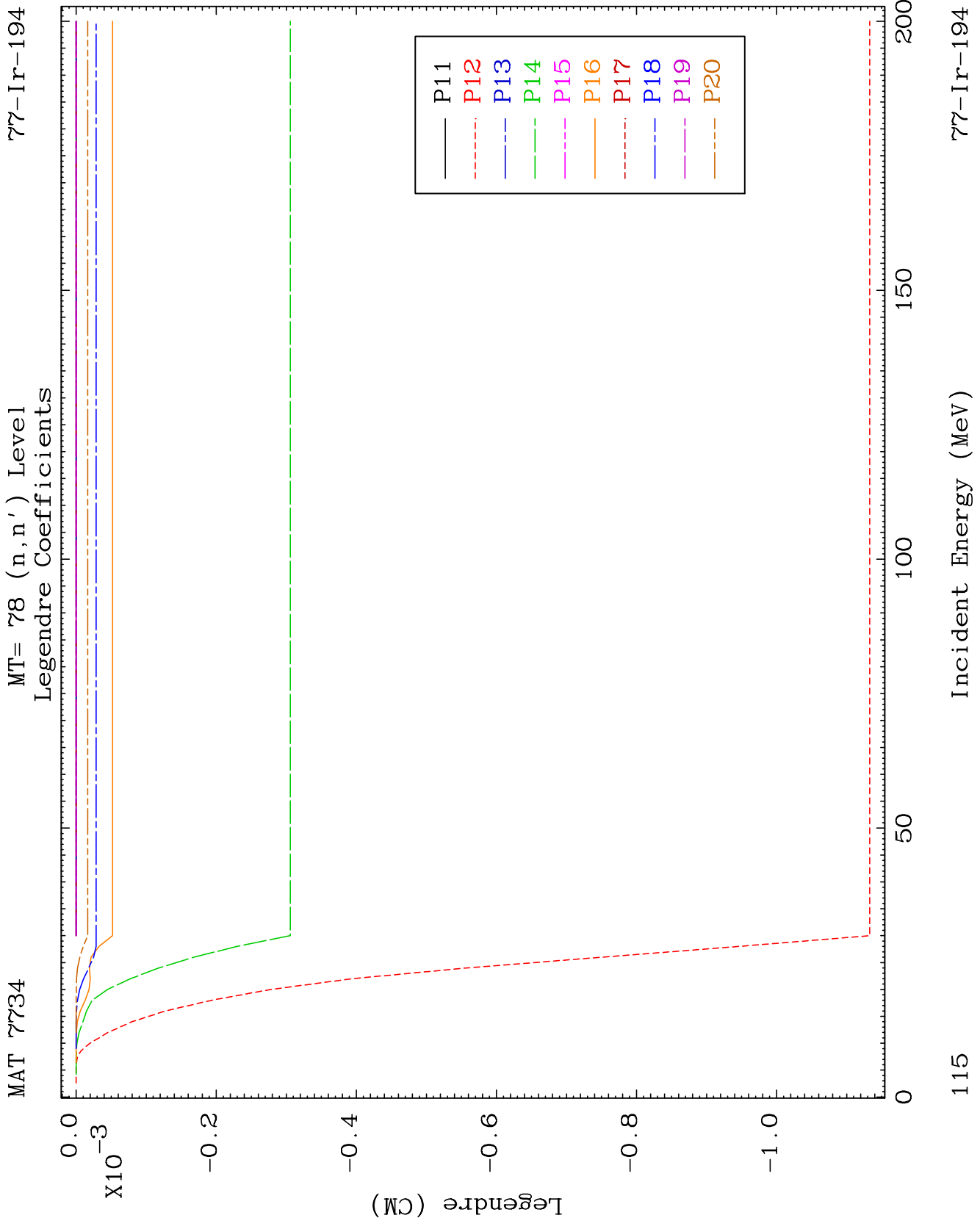
112

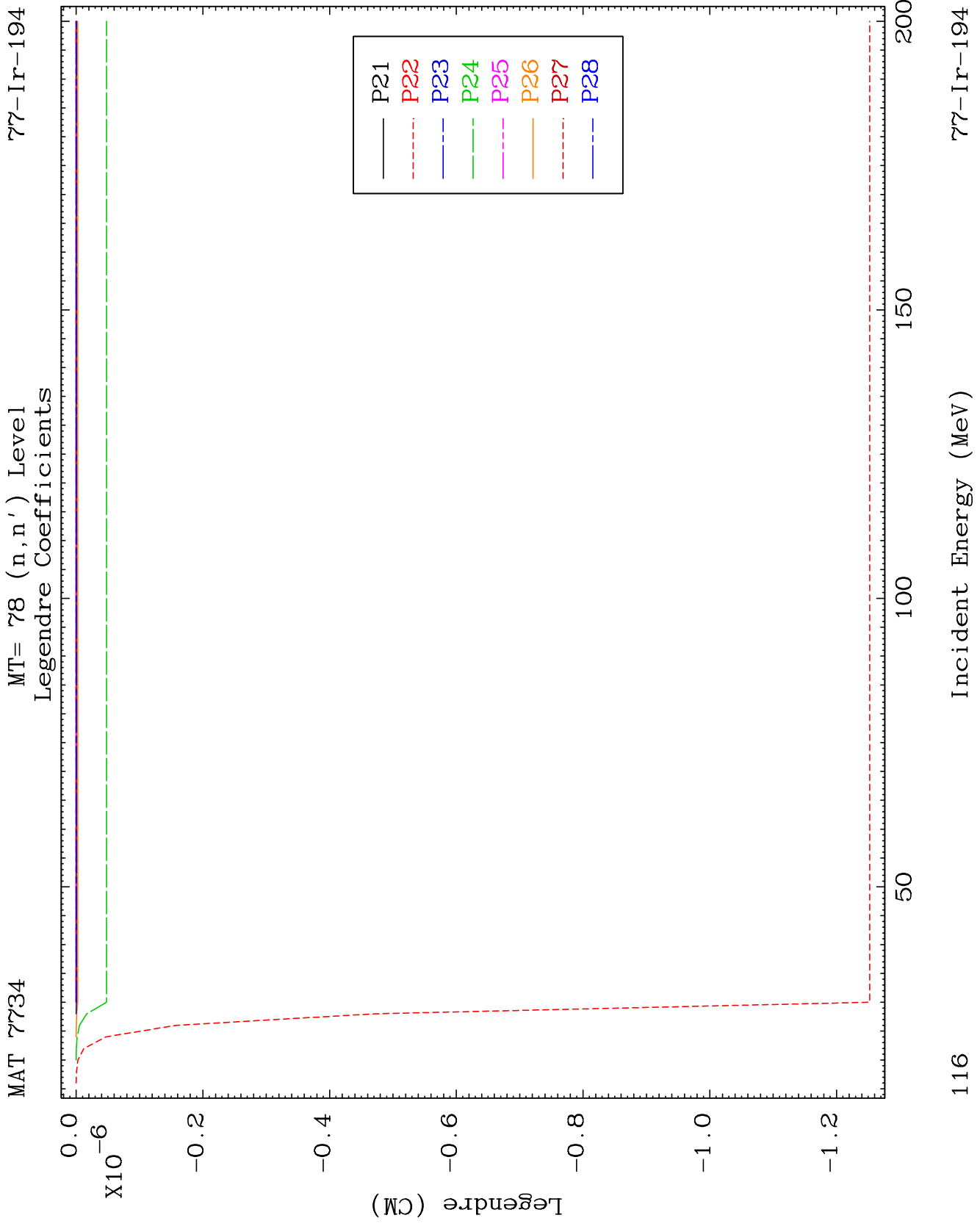
Incident Energy (MeV)

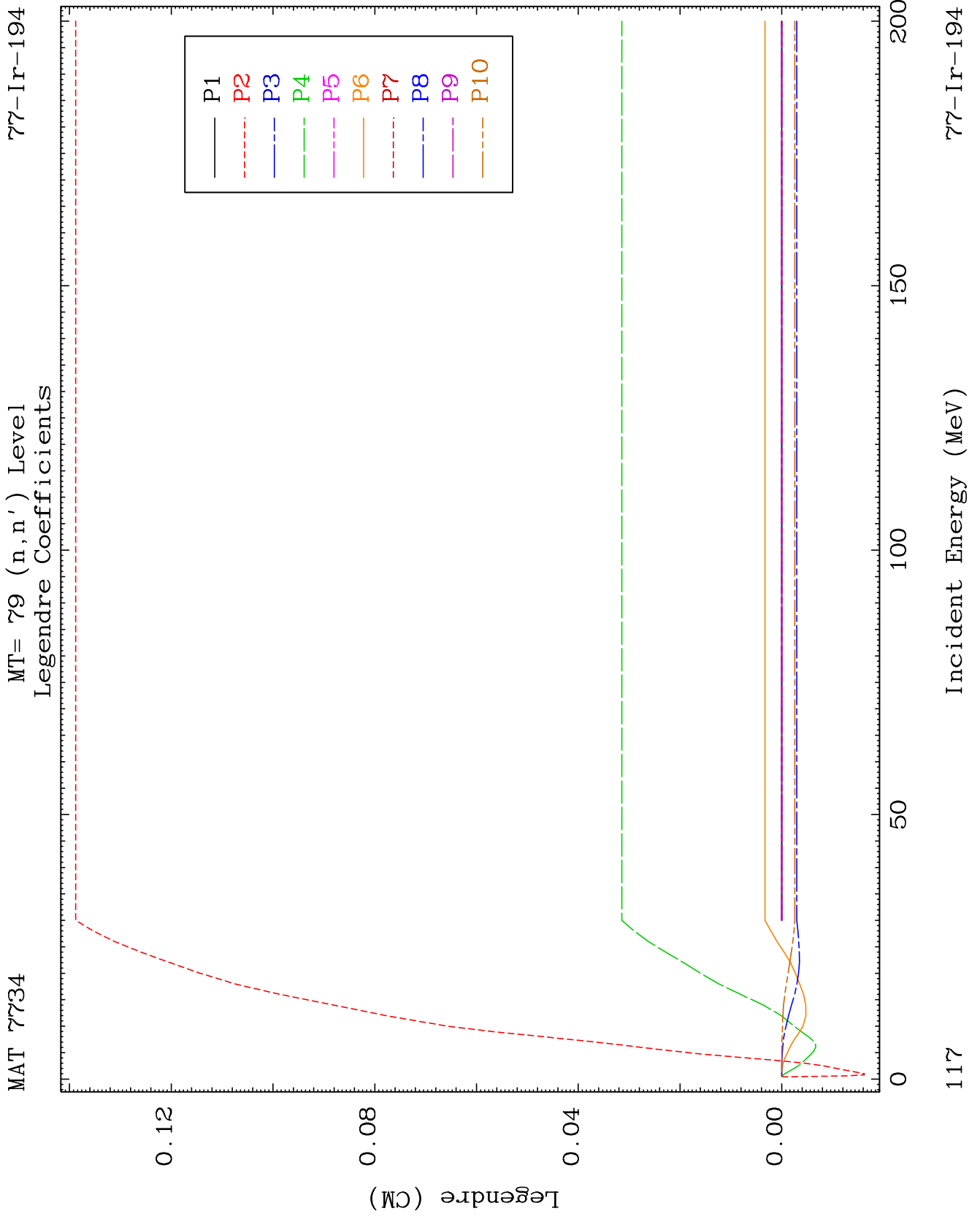
77-Ir-194

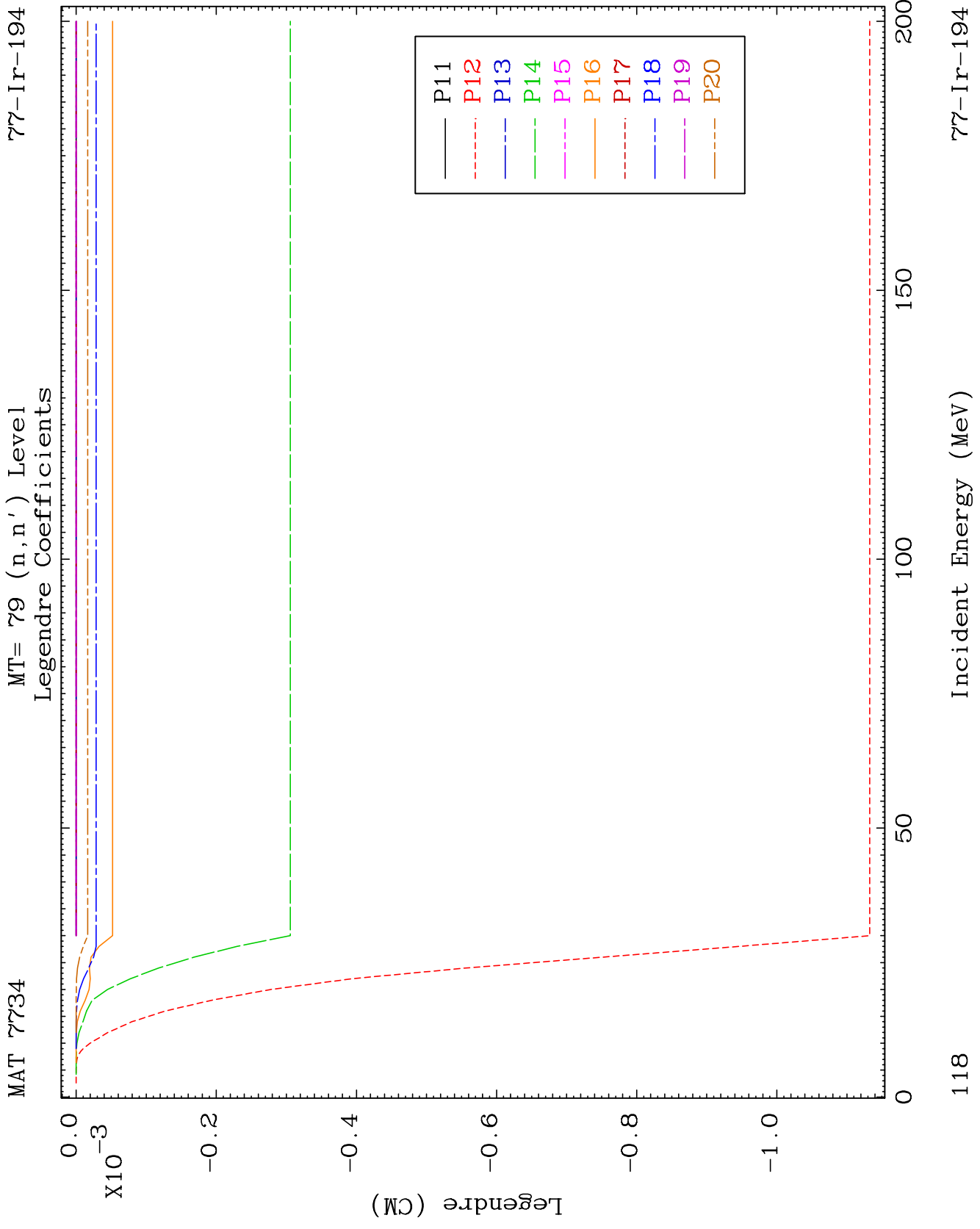


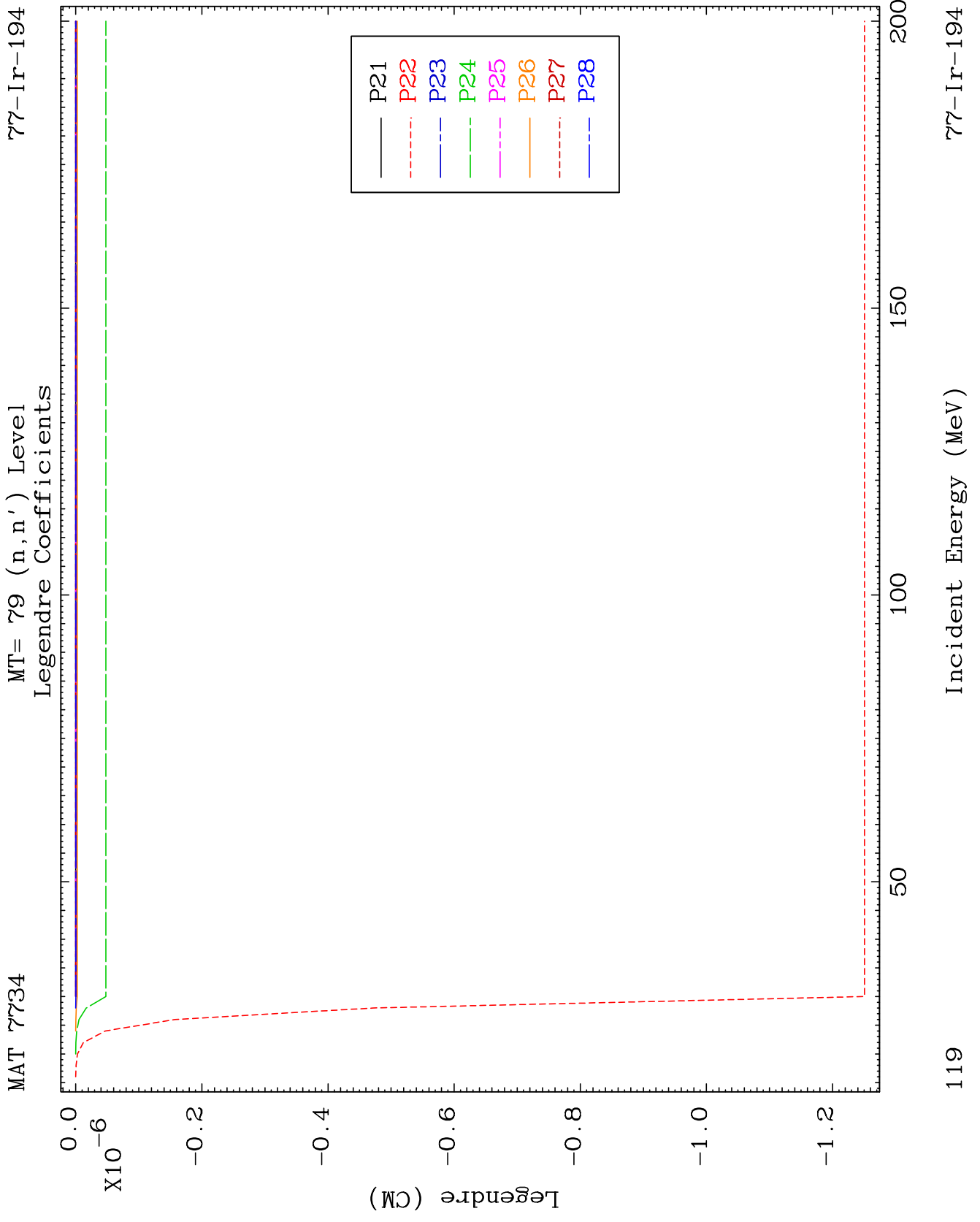










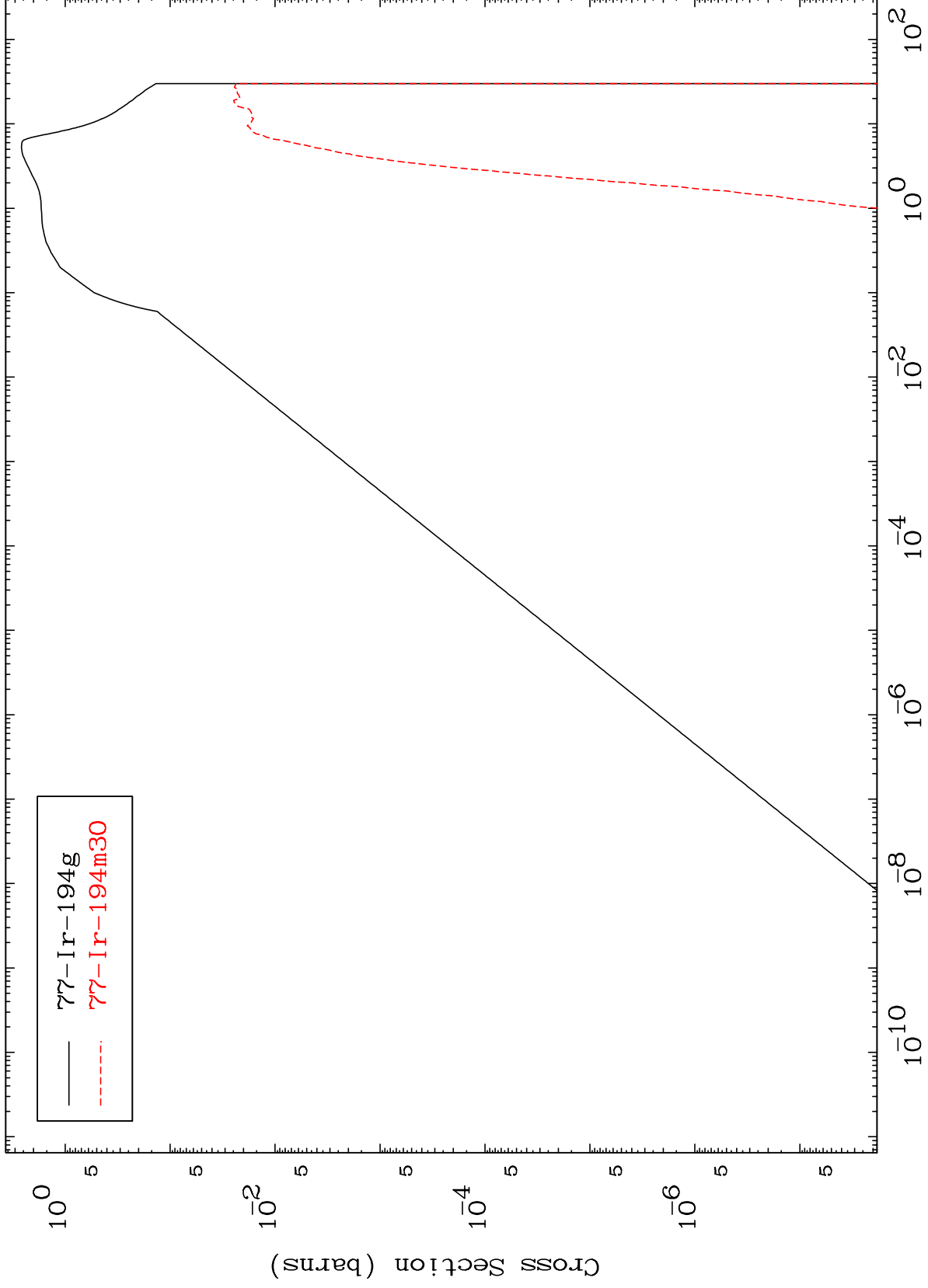




MAT 7734

Inelastic  
Radionuclide Production Cross Section

<sup>77</sup>Ir-194



— <sup>77</sup>Ir-194g  
- - - <sup>77</sup>Ir-194m30

120

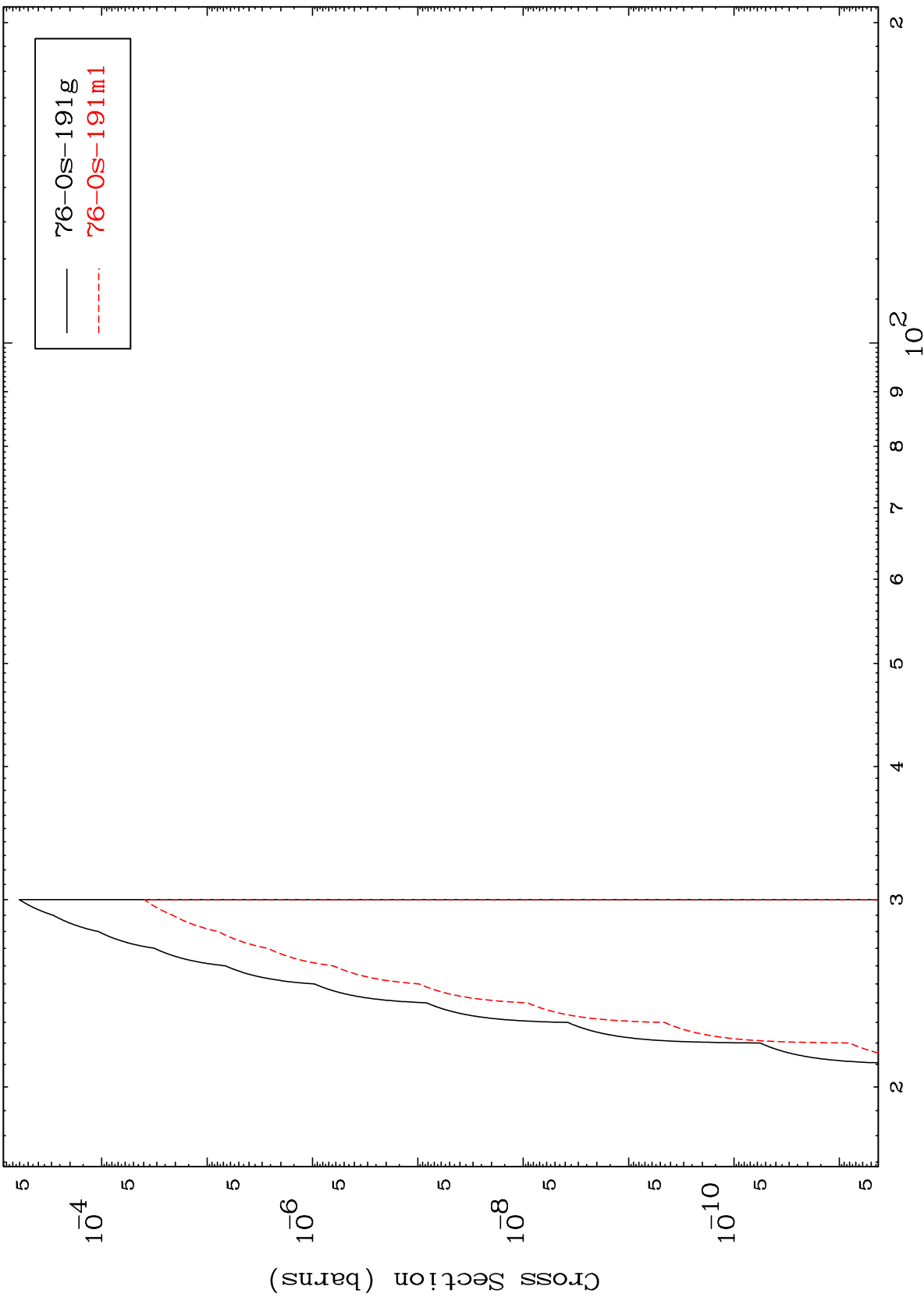
<sup>77</sup>Ir-194

MAT 7734

(n,2n) d

77-Ir-194

Radionuclide Production Cross Section



121

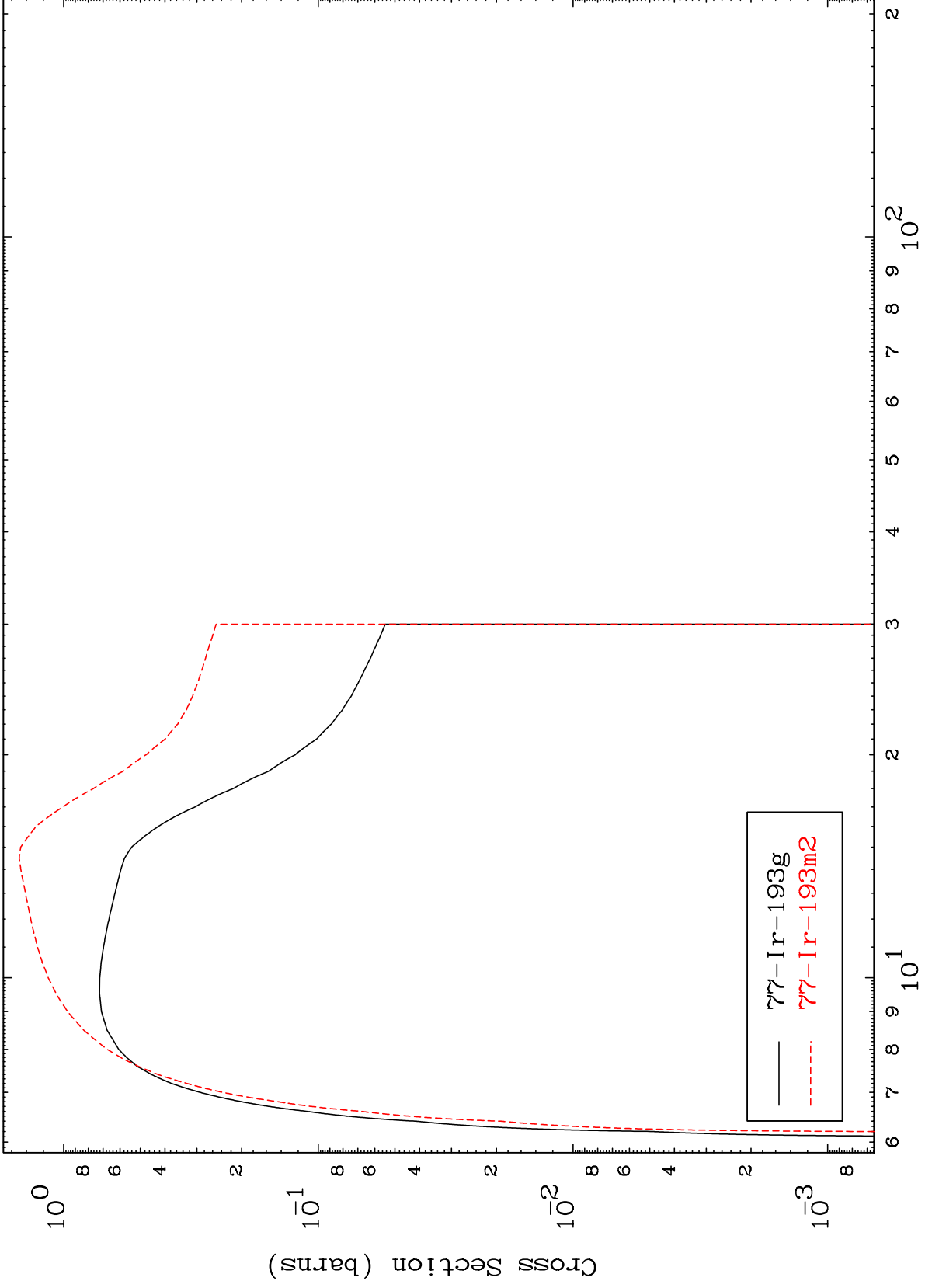
Incident Energy (MeV)

77-Ir-194

MAT 7734

77-Ir-194

(n,2n)  
Radionuclide Production Cross Section



122

Incident Energy (MeV)

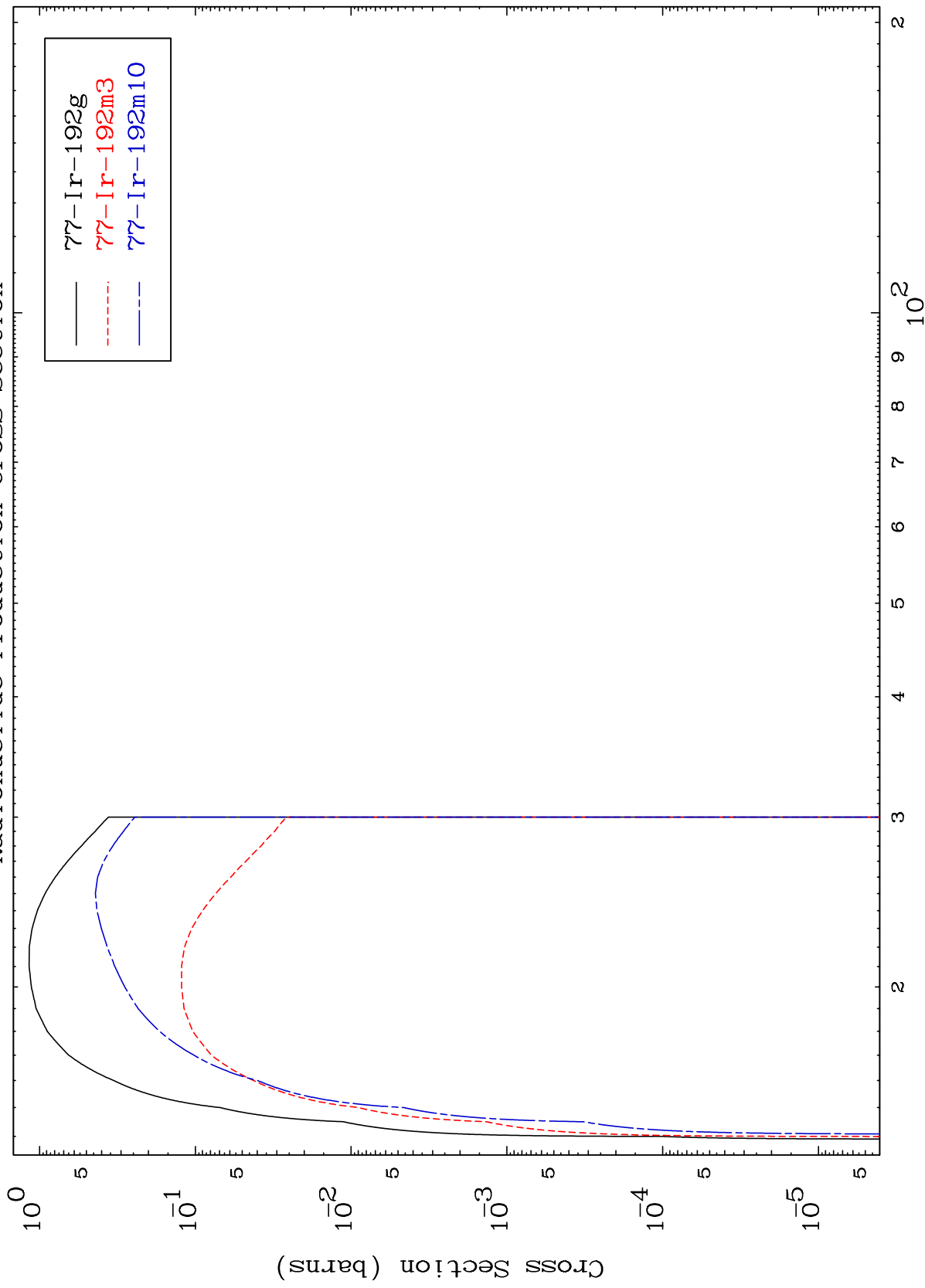
77-Ir-194

MAT 7734

77-Ir-194

(n,3n)

Radionuclide Production Cross Section



123

Incident Energy (MeV)

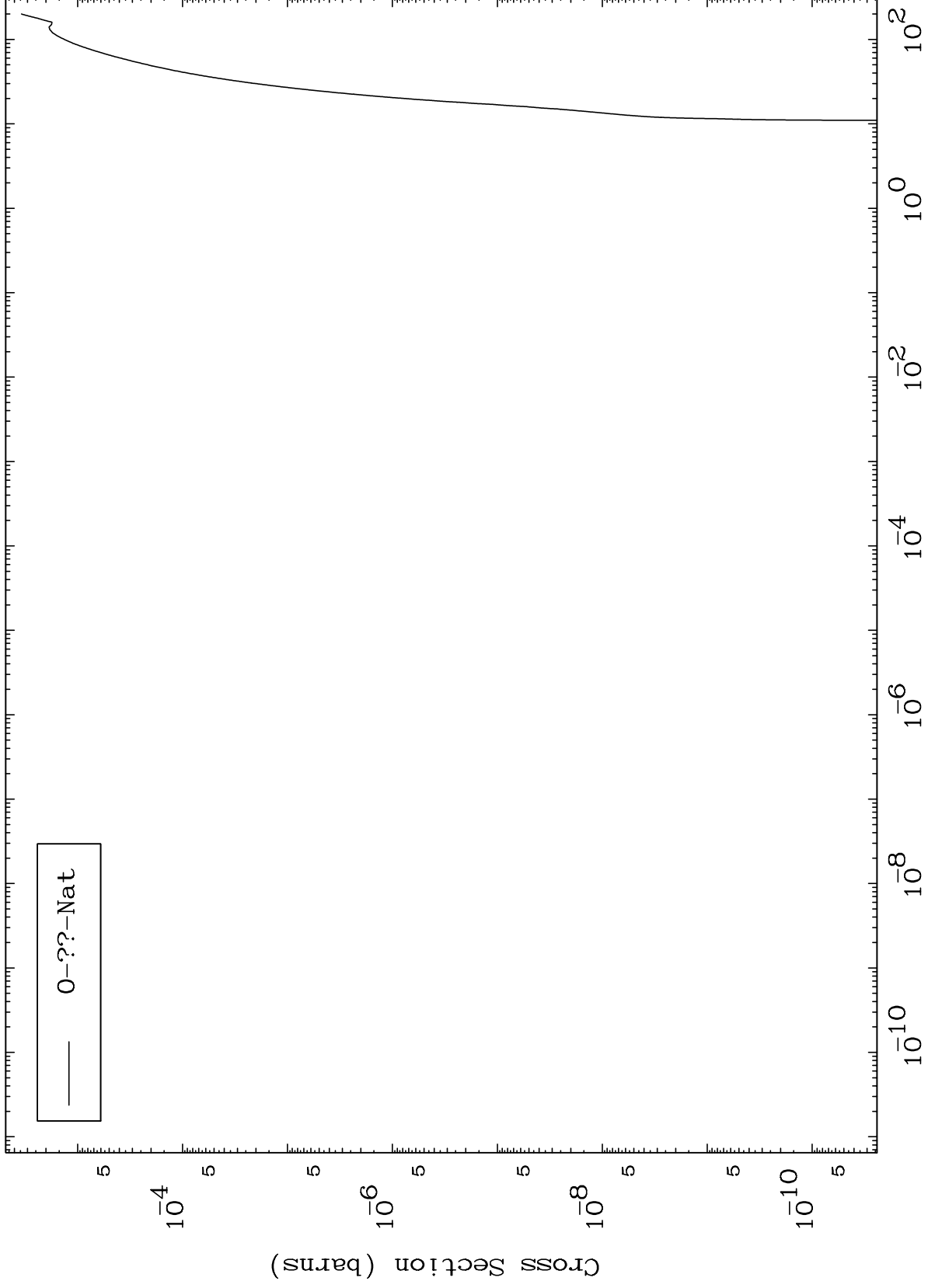
77-Ir-194

MAT 7734

Fission

<sup>77</sup>Ir-194

Radionuclide Production Cross Section



124

Incident Energy (MeV)

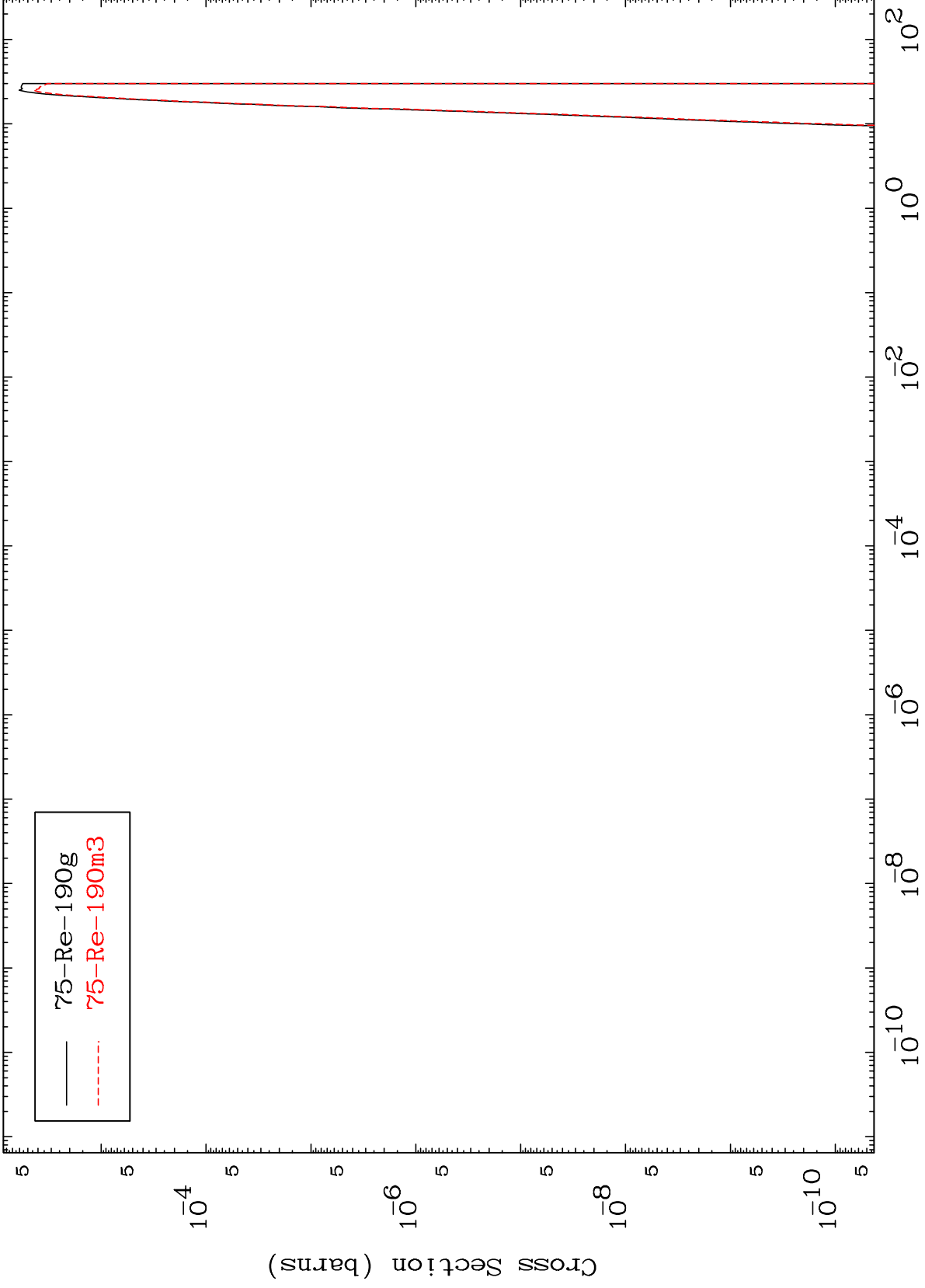
<sup>77</sup>Ir-194

MAT 7734

$(n, n') \alpha$

$^{77}\text{Ir-194}$

Radionuclide Production Cross Section



125

Incident Energy (MeV)

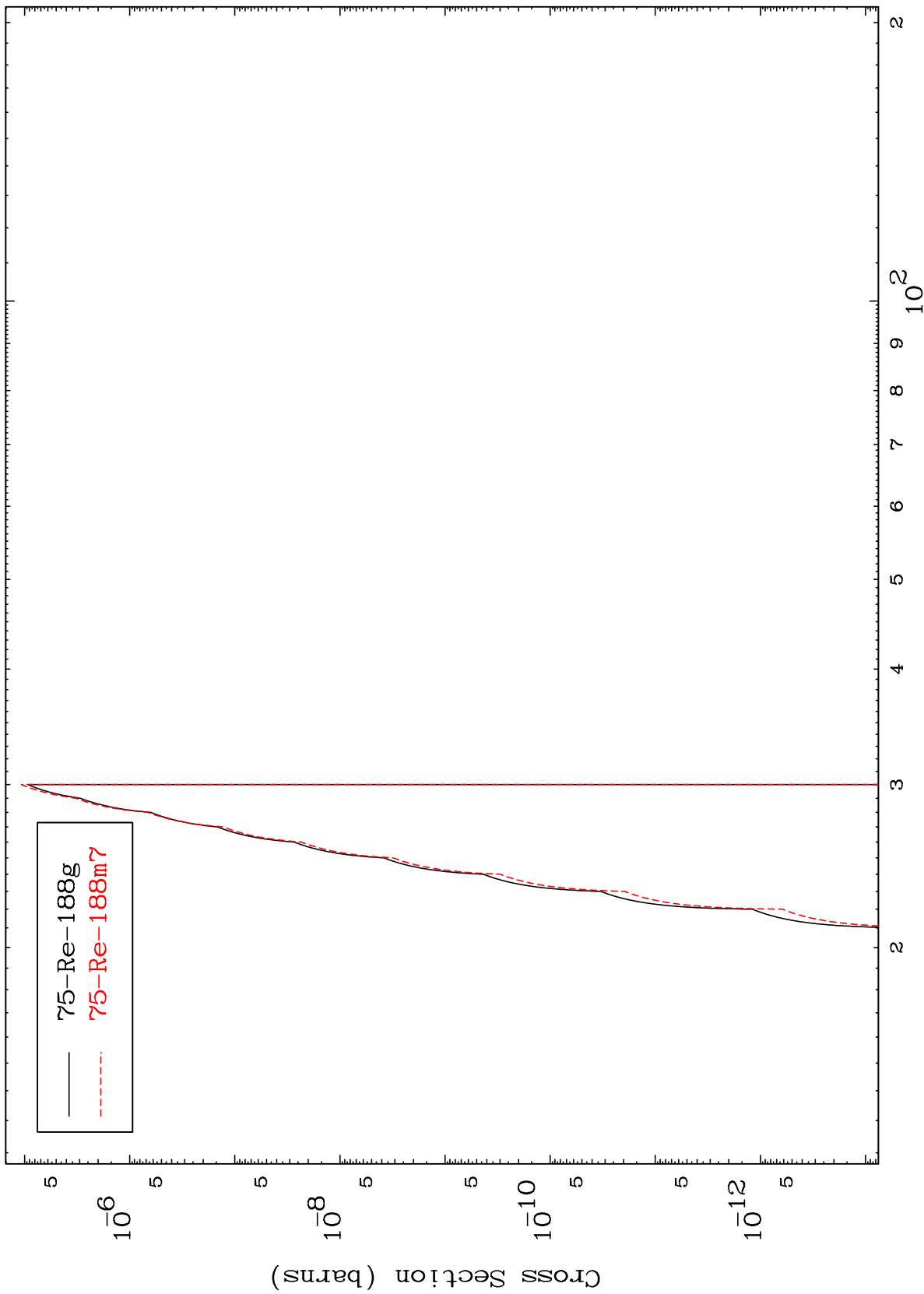
$^{77}\text{Ir-194}$

MAT 7734

(n,3n)  $\alpha$

77-Ir-194

Radionuclide Production Cross Section



126

Incident Energy (MeV)

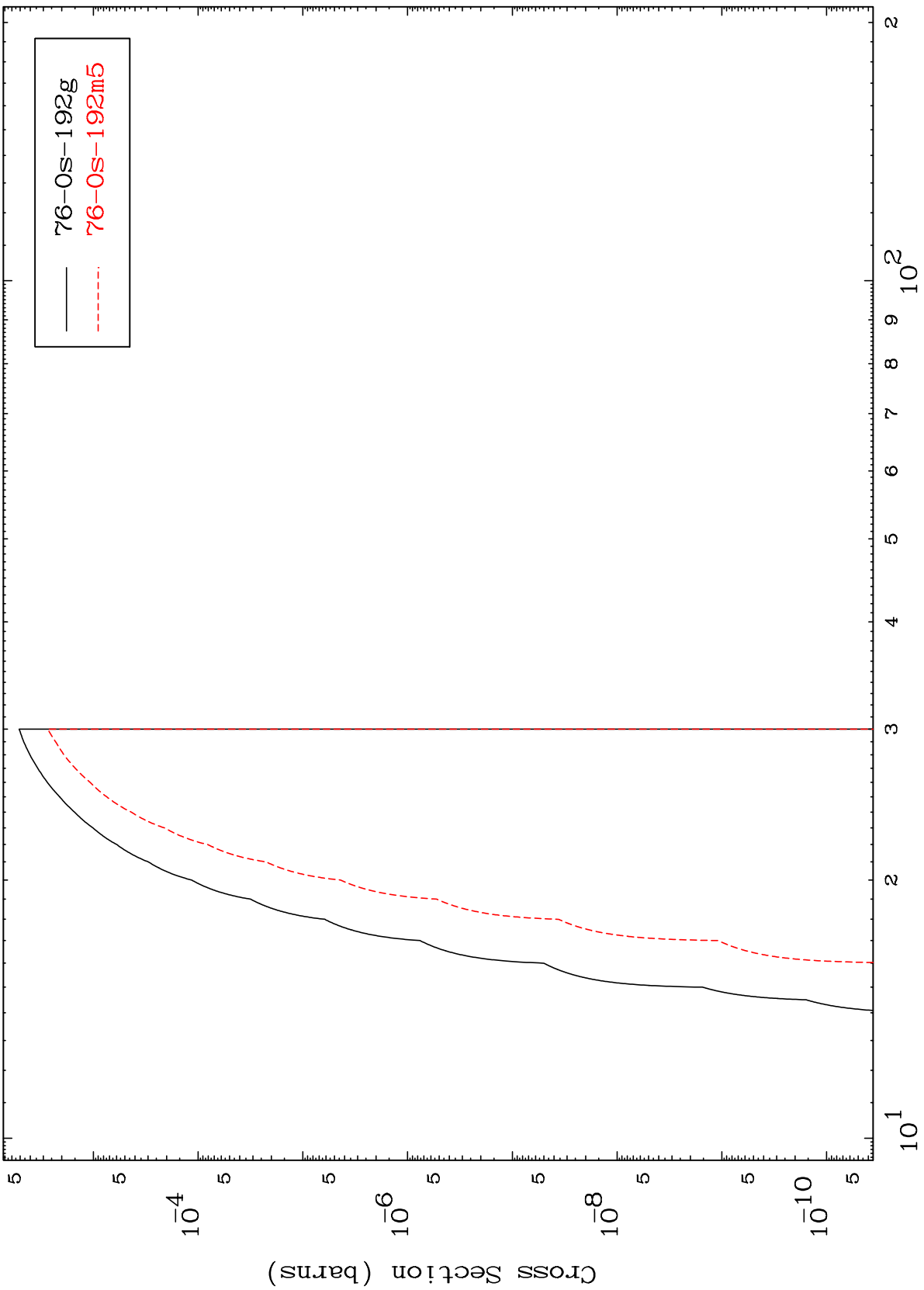
77-Ir-194

MAT 7734

(n,n') d

77-Ir-194

Radionuclide Production Cross Section



127

Incident Energy (MeV)

77-Ir-194

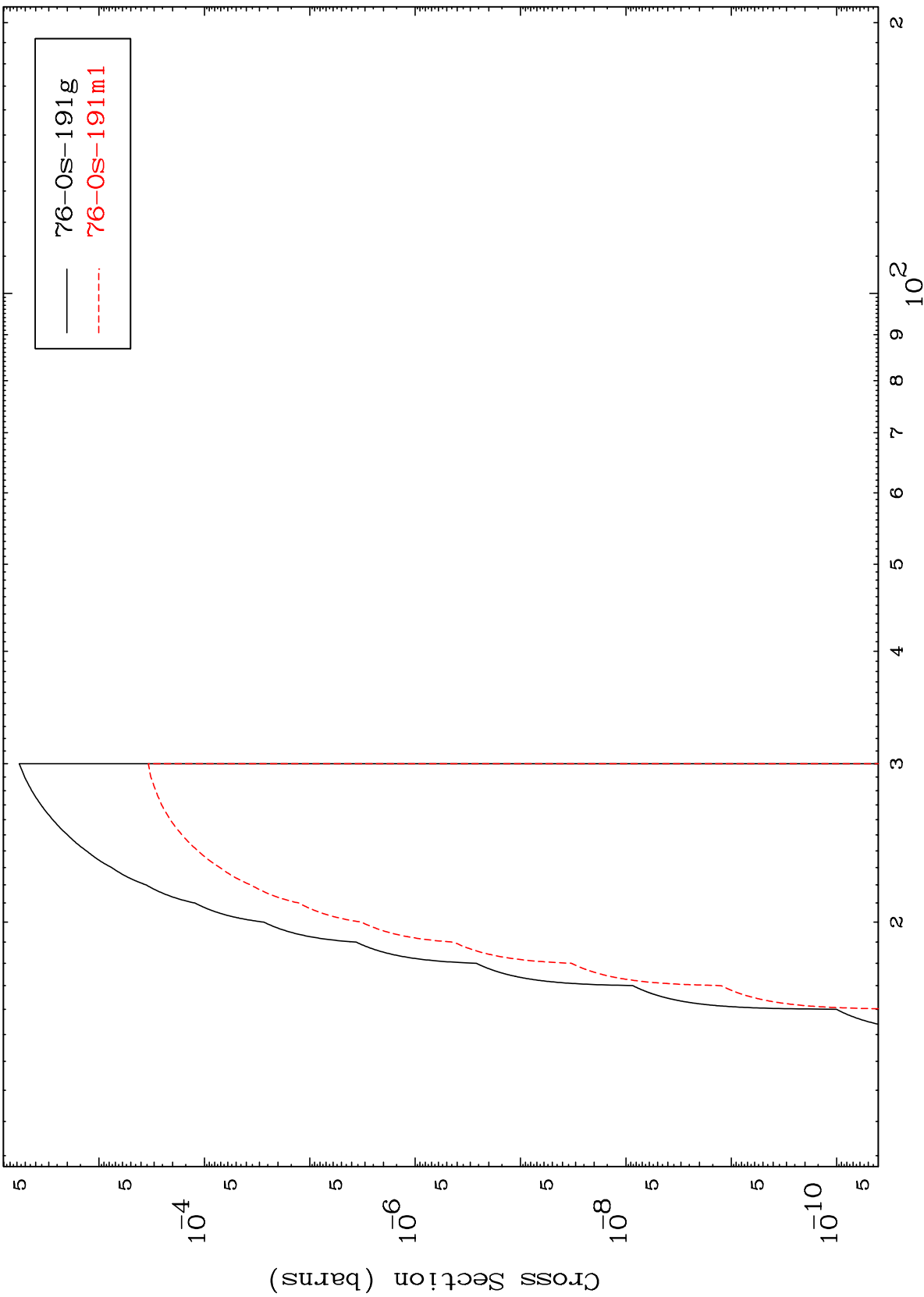


MAT 7734

(n,n') t

77-Ir-194

Radionuclide Production Cross Section

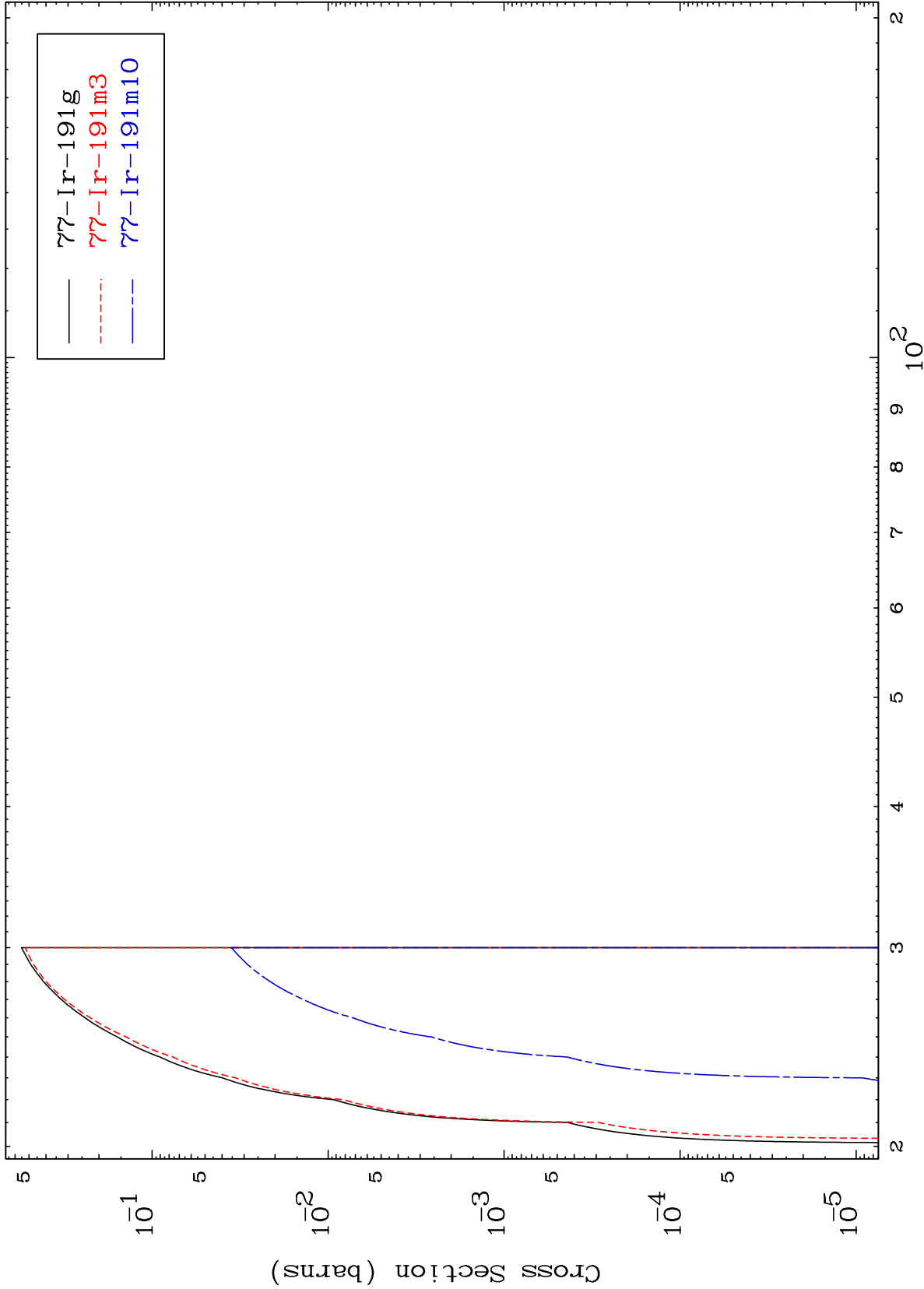


128

Incident Energy (MeV)

77-Ir-194

Radionuclide Production Cross Section

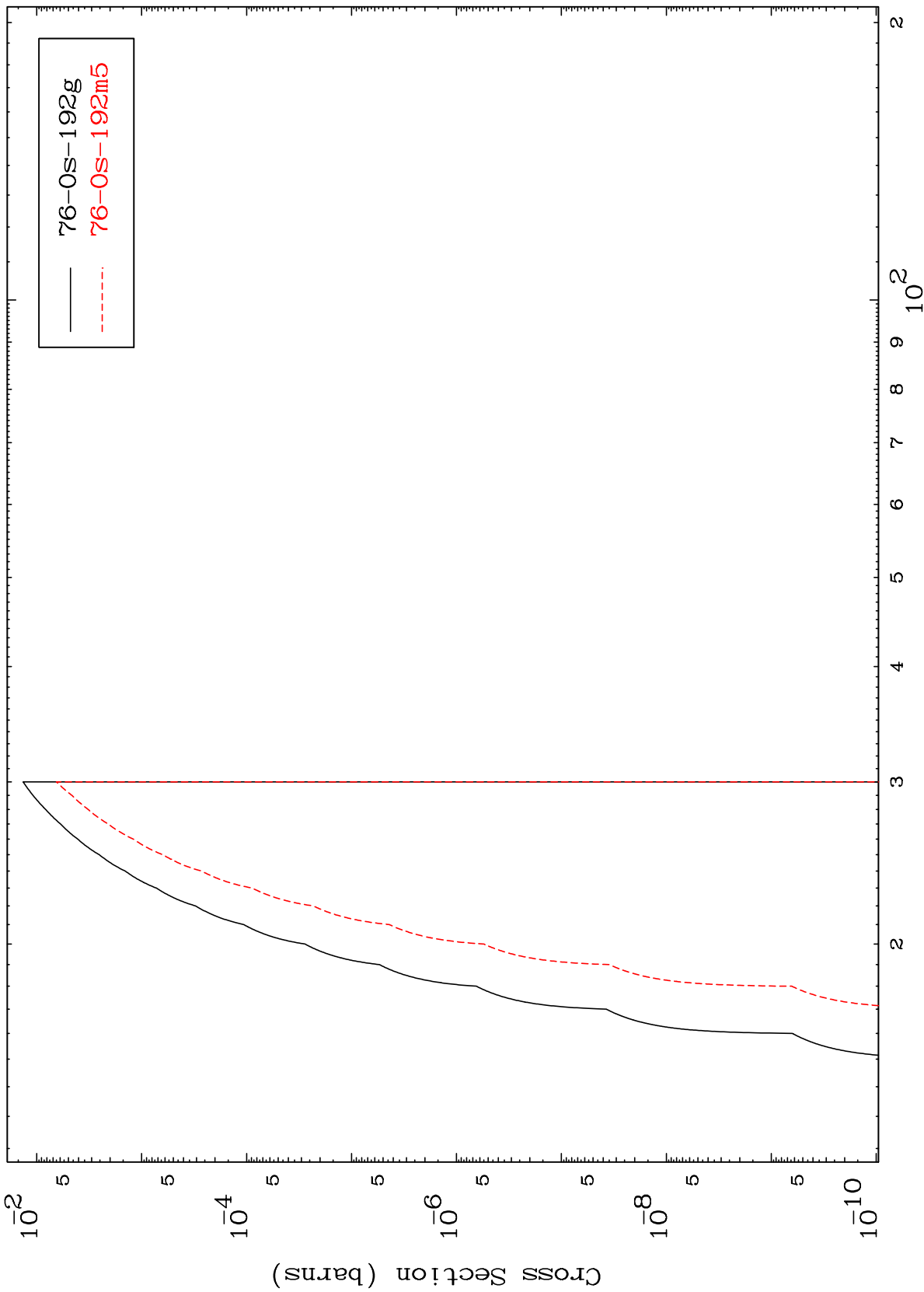


MAT 7734

(n,2n) p

77-Ir-194

Radionuclide Production Cross Section



130

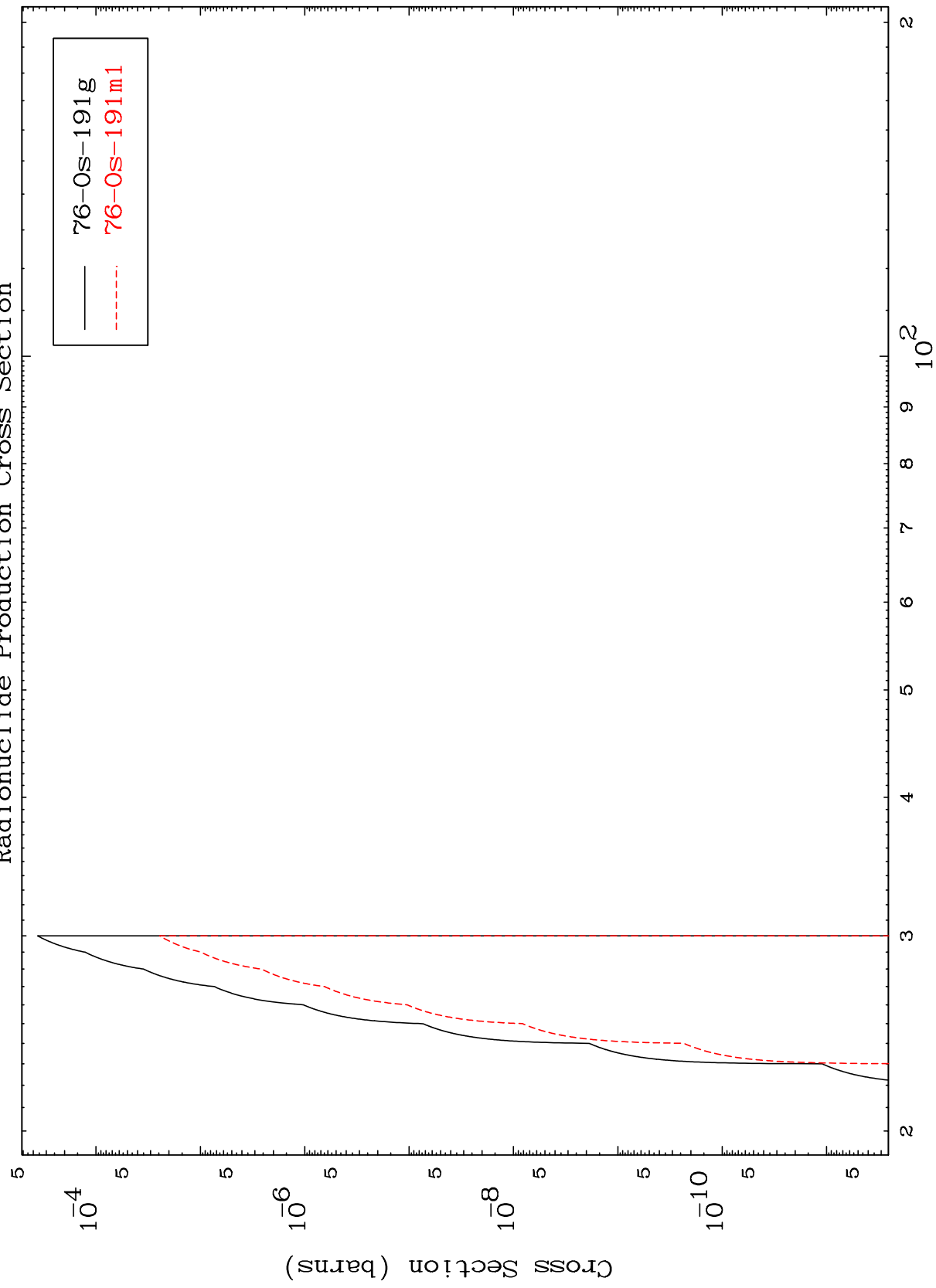
Incident Energy (MeV)

77-Ir-194

MAT 7734

77-Ir-194

(n,3n) p  
Radionuclide Production Cross Section

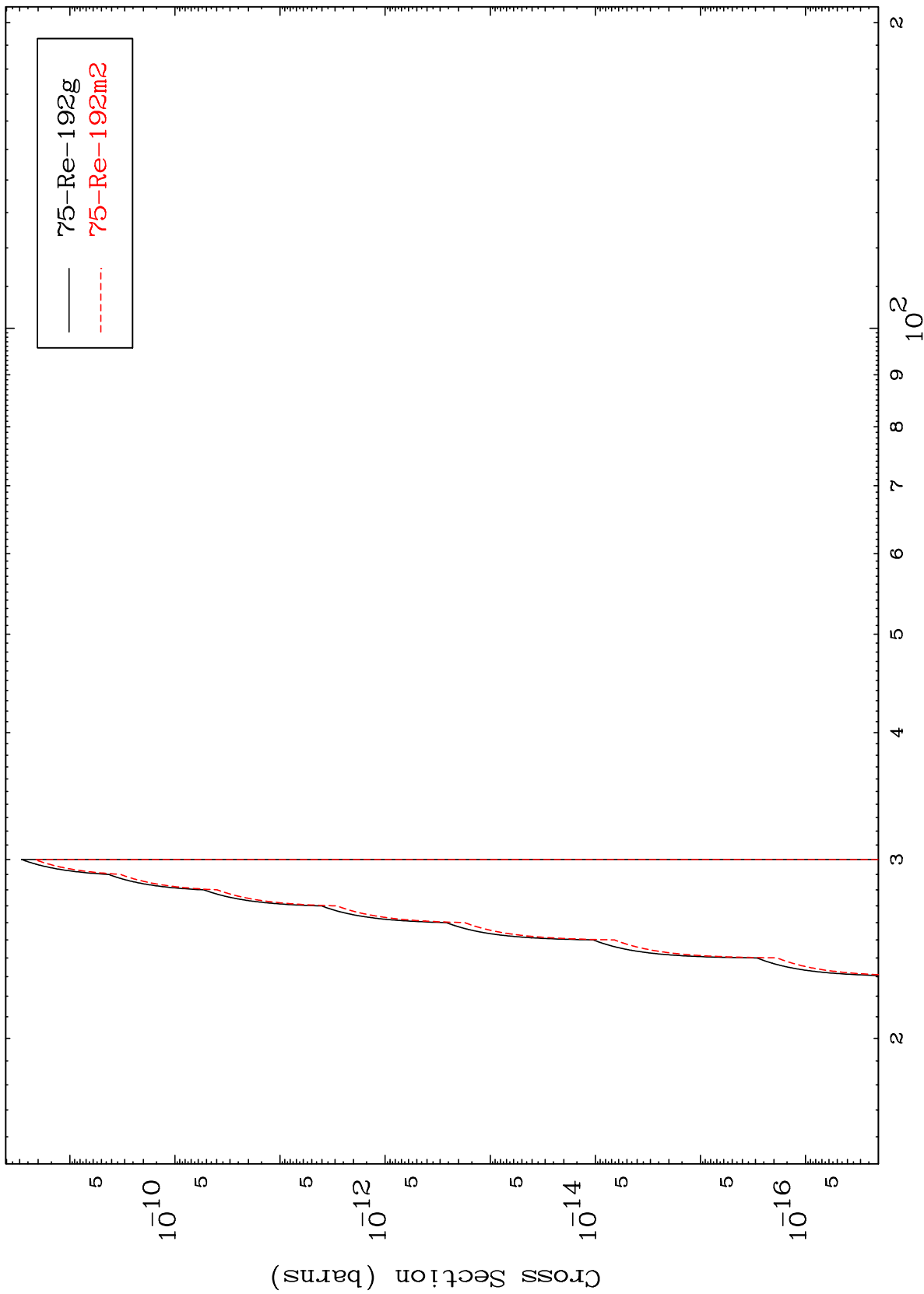


131

Incident Energy (MeV)

77-Ir-194

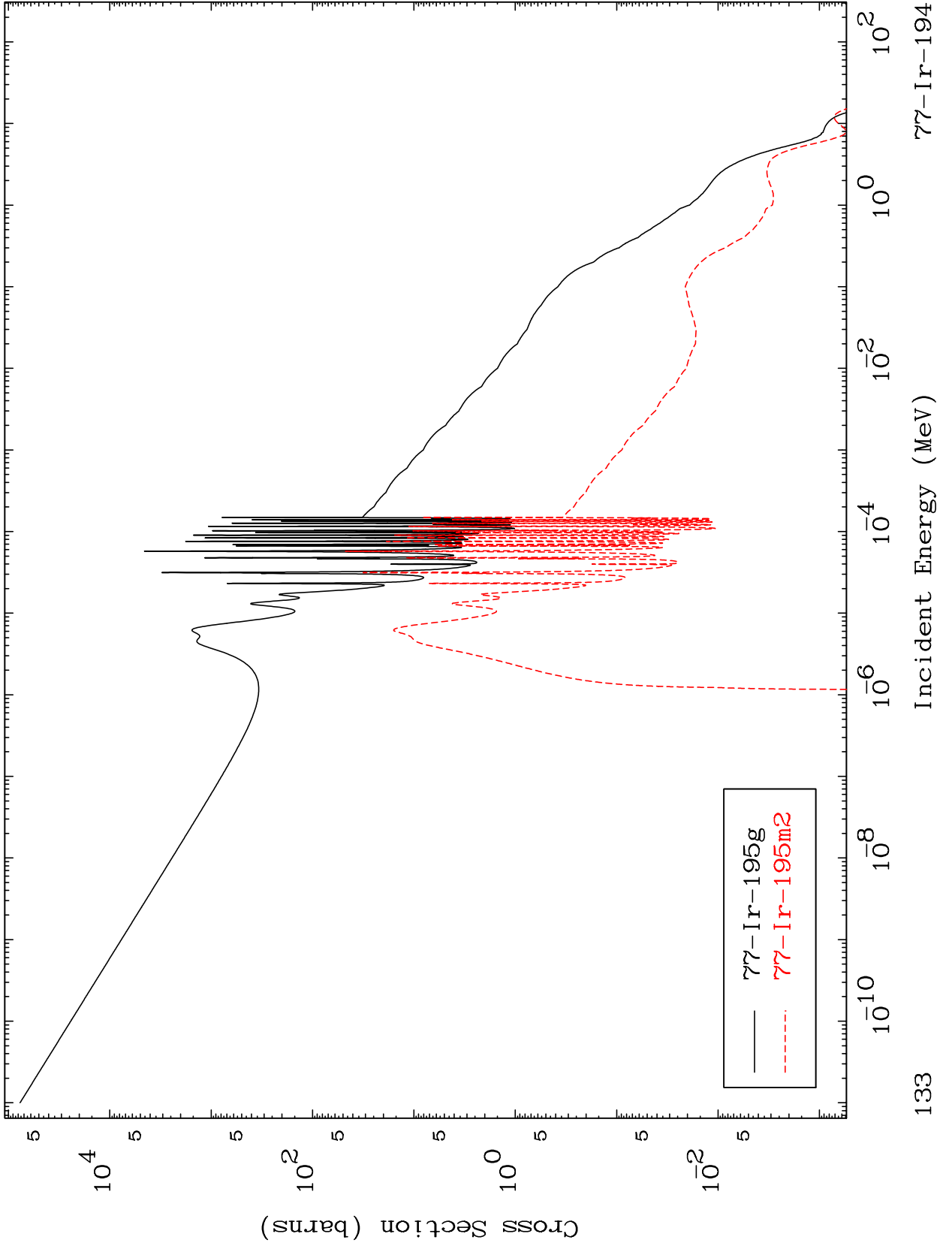
(n,2n) p  
Radionuclide Production Cross Section



MAT 7734

<sup>77</sup>Ir-194

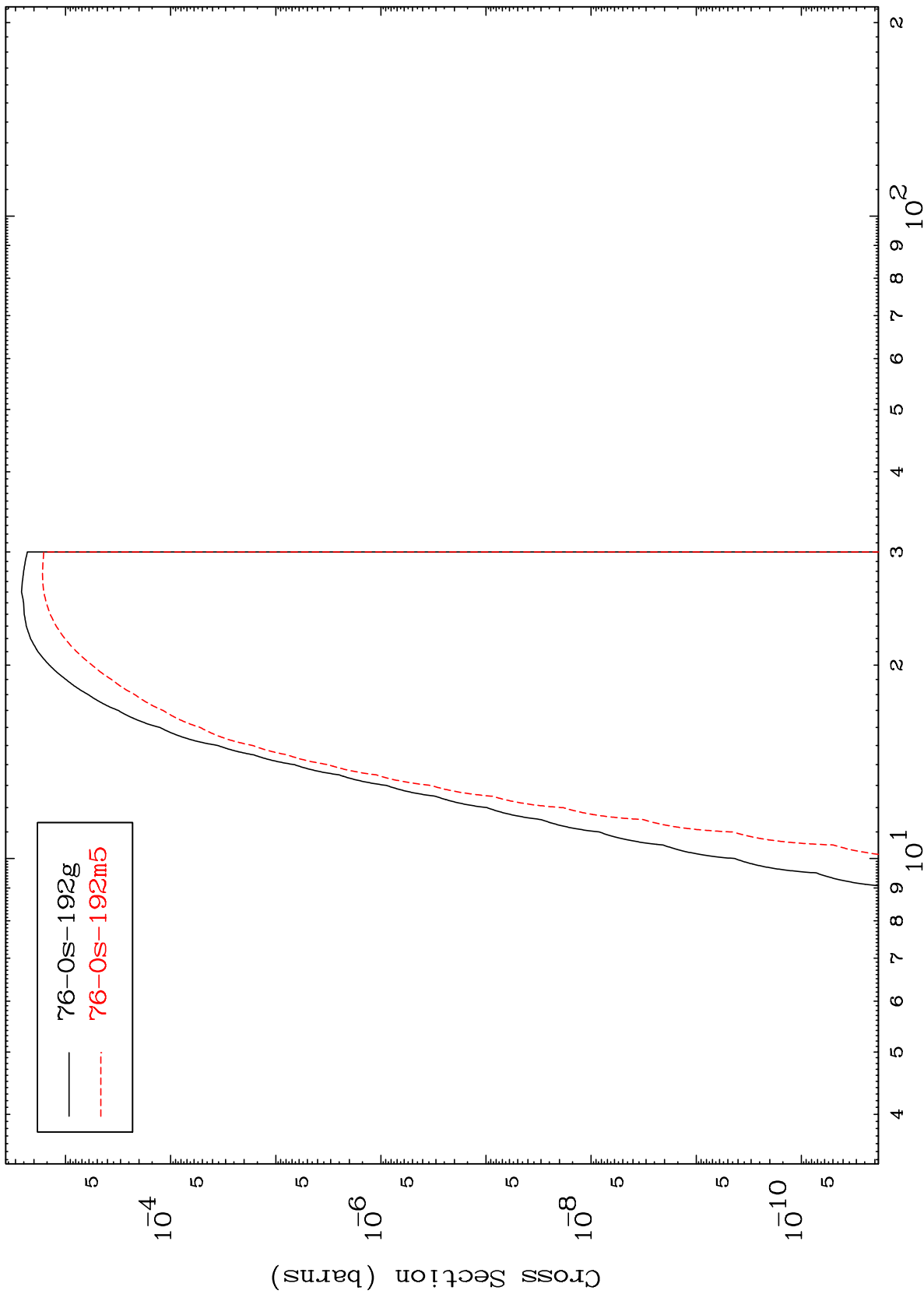
(n,γ)  
Radionuclide Production Cross Section



MAT 7734

77-Ir-194

(n, t)  
Radionuclide Production Cross Section



134

Incident Energy (MeV)

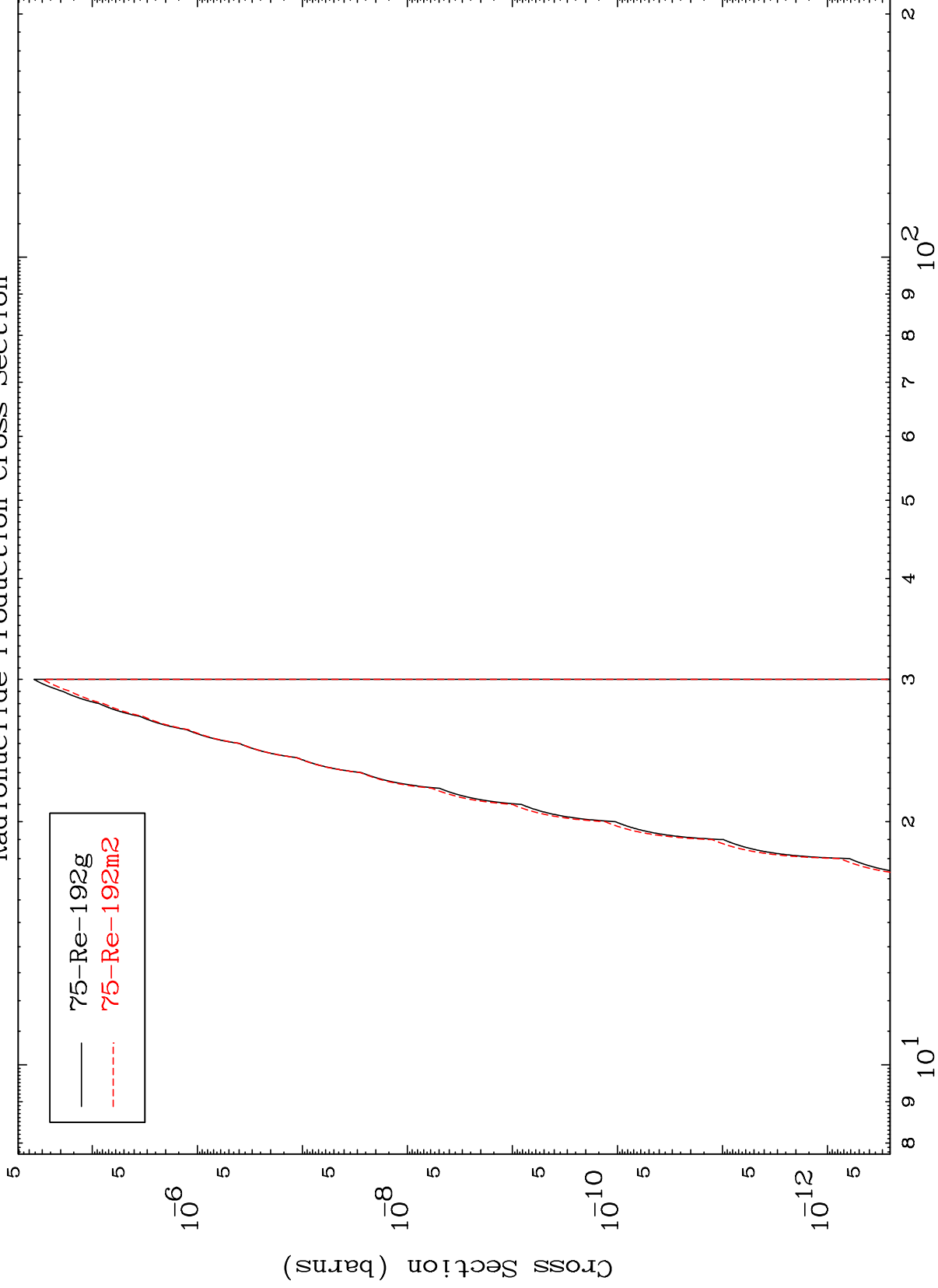
77-Ir-194

MAT 7734

(n,He-3)

77-Ir-194

Radionuclide Production Cross Section



75-Re-192g  
75-Re-192m2

135

Incident Energy (MeV)

77-Ir-194