

Program EVALPLOT  
(Version 2021-1)

by

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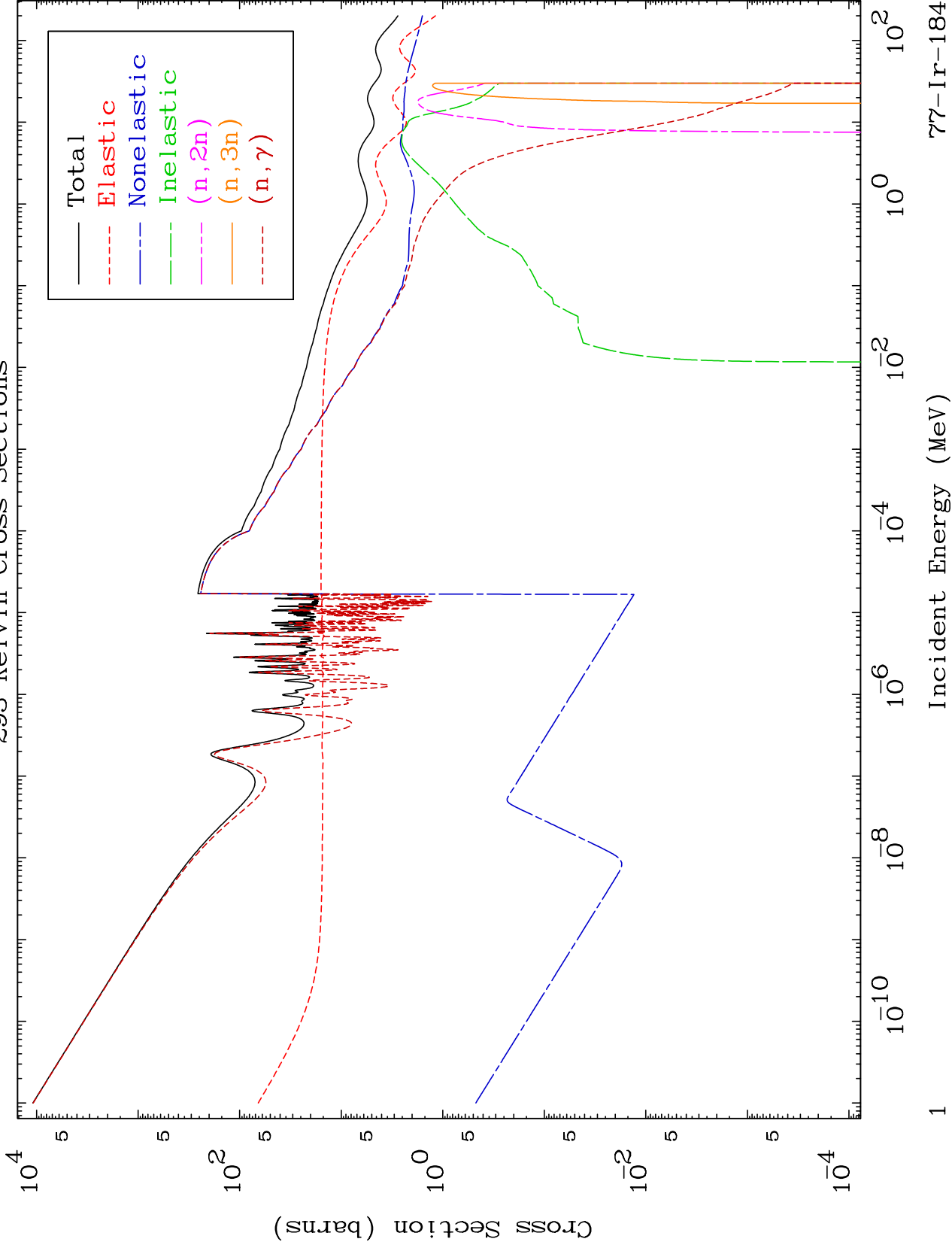
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Press Mouse Button to Start

MAT 7704

Neutron Major  
293 Kelvin Cross Sections

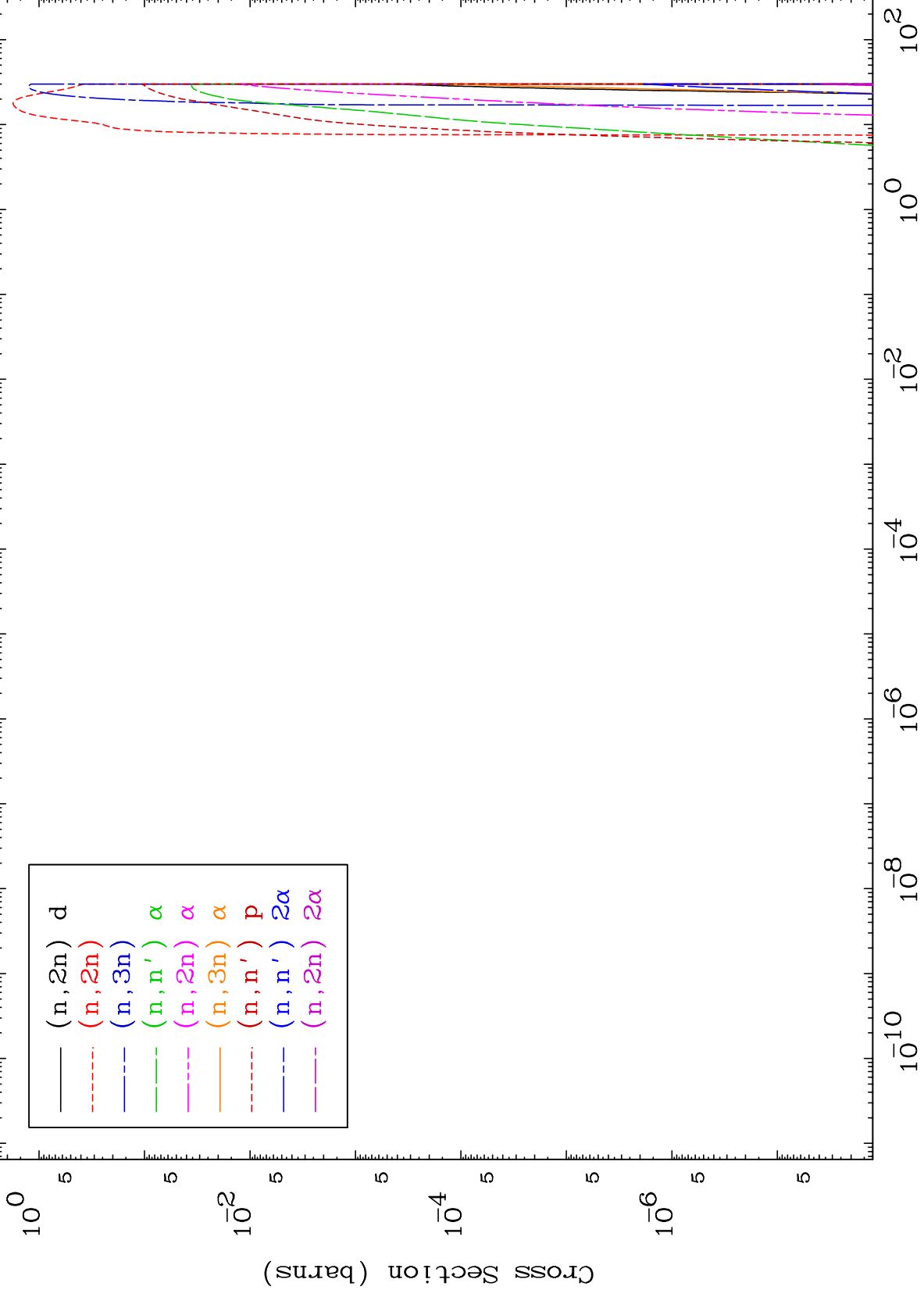
77-Ir-184



MAT 7704

Neutron Absorption  
293 Kelvin Cross Sections

77-Ir-184



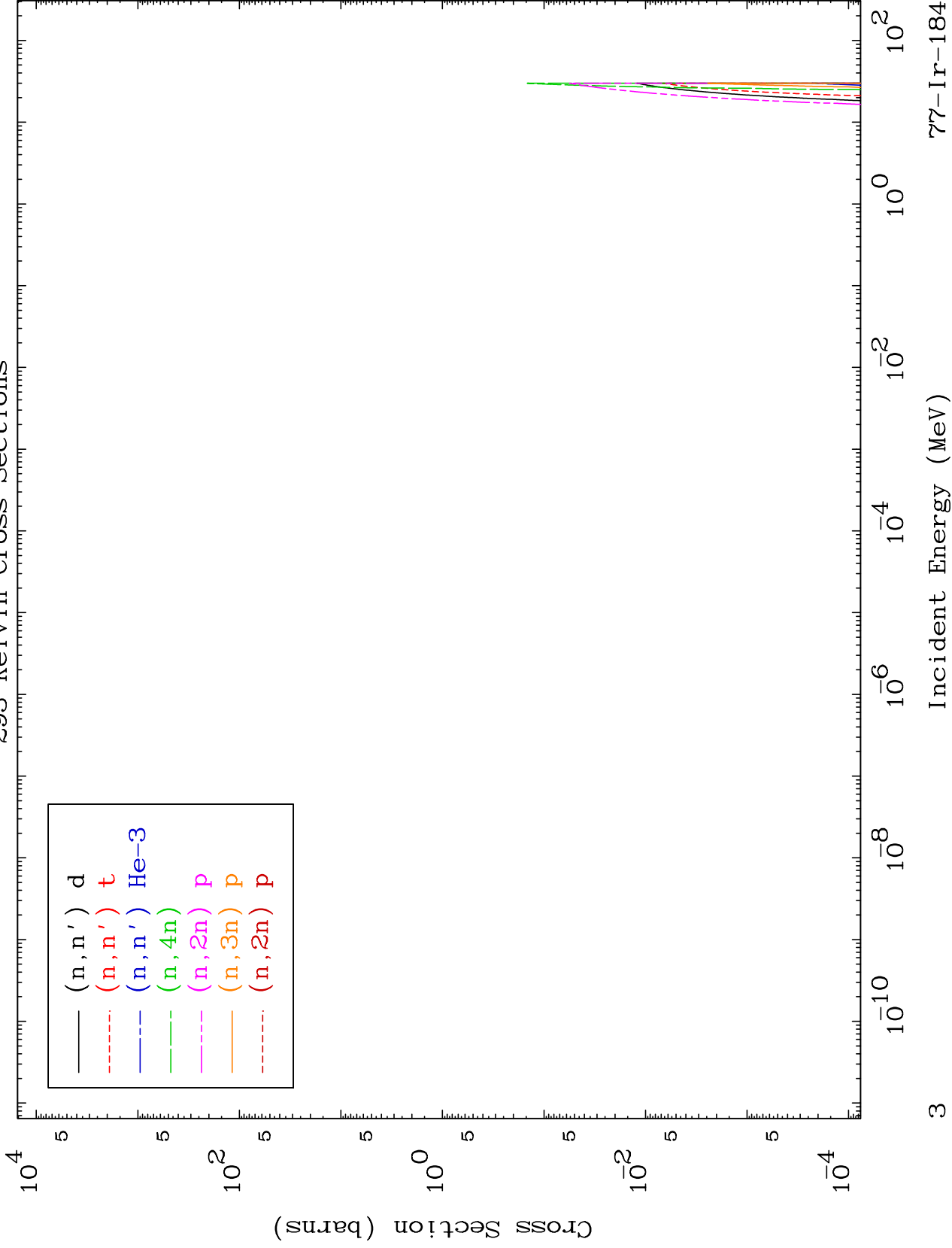
77-Ir-184

Incident Energy (MeV)

MAT 7704

Neutron Absorption  
293 Kelvin Cross Sections

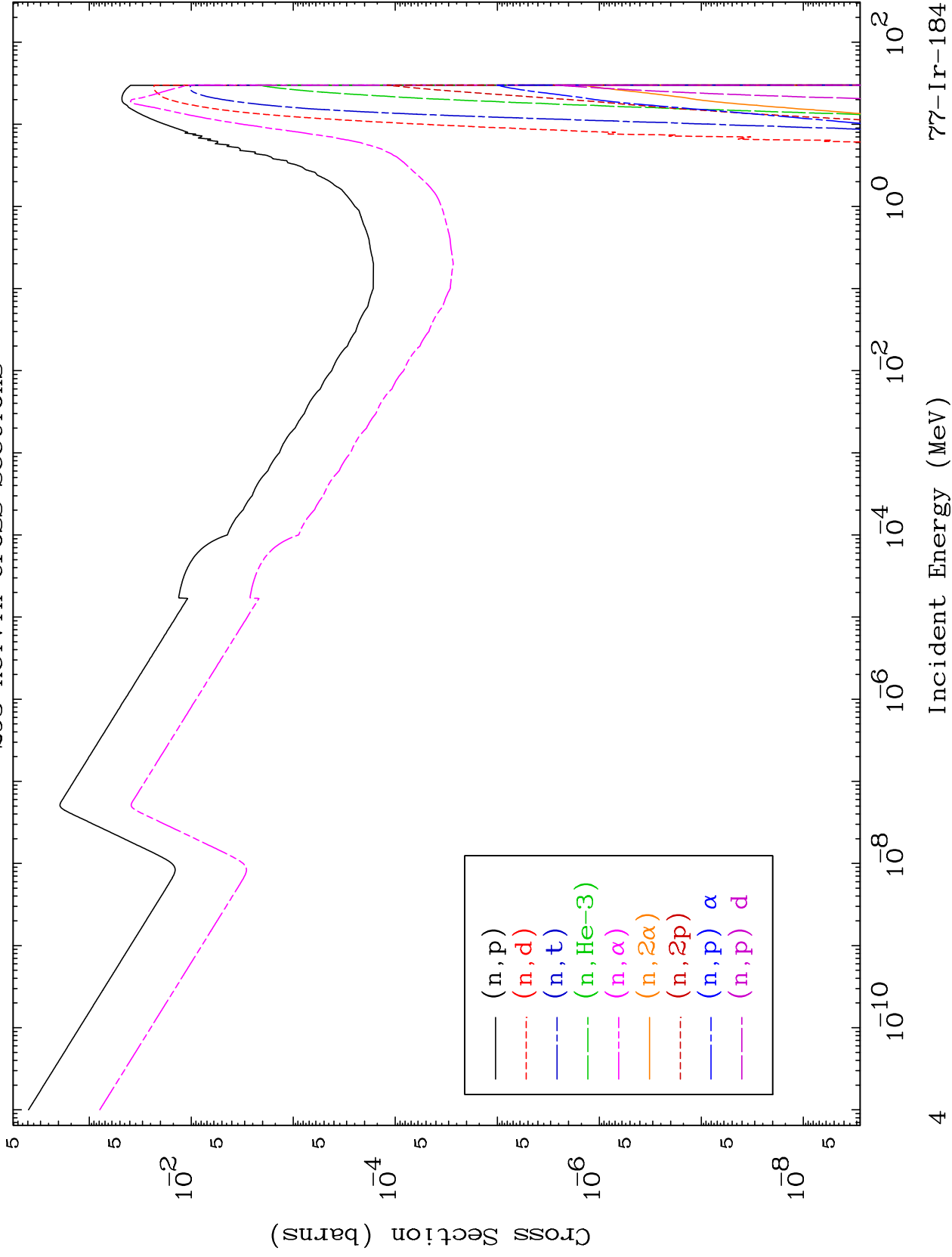
77-Ir-184



MAT 7704

Neutron Absorption  
293 Kelvin Cross Sections

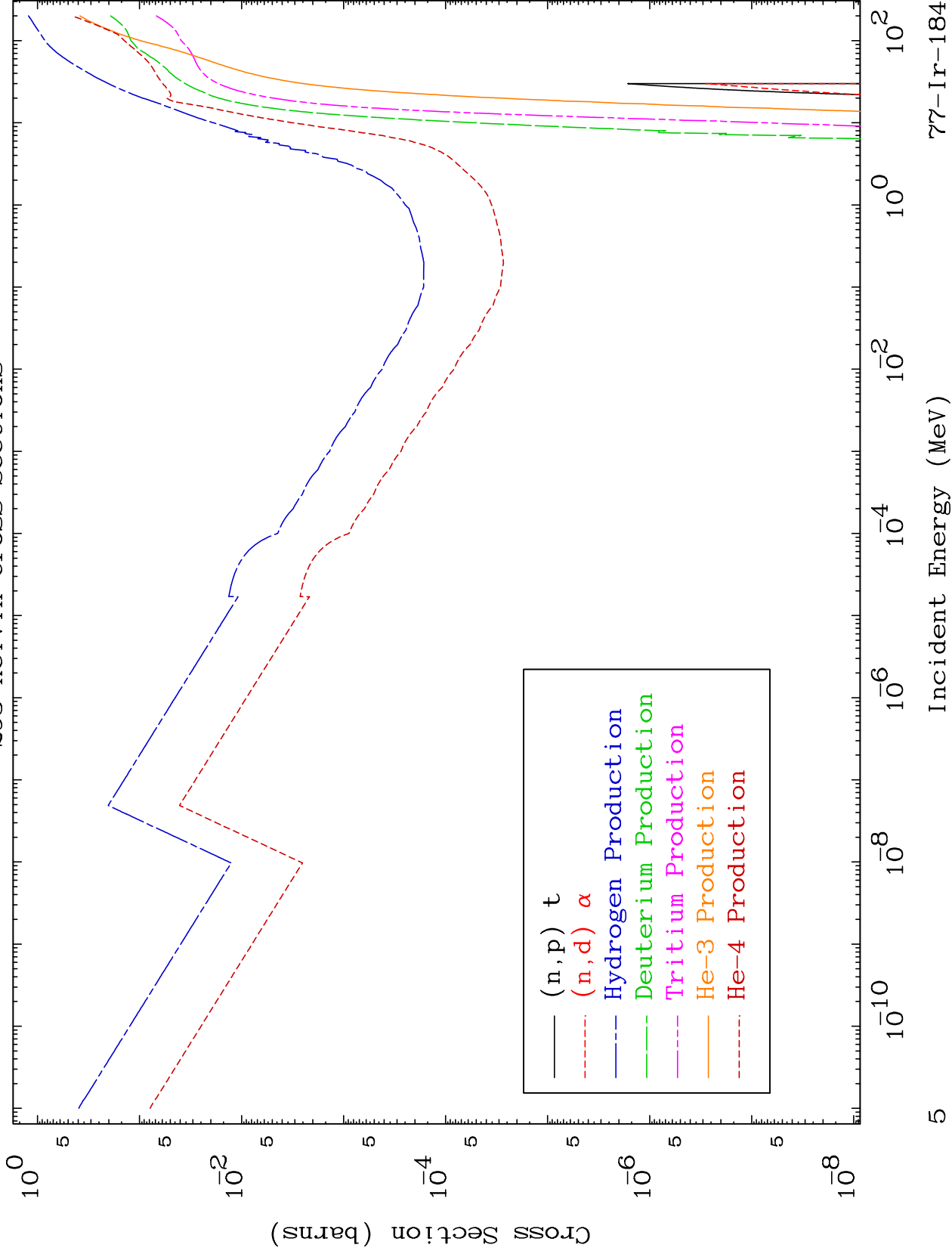
77-Ir-184



MAT 7704

Neutron Absorption  
293 Kelvin Cross Sections

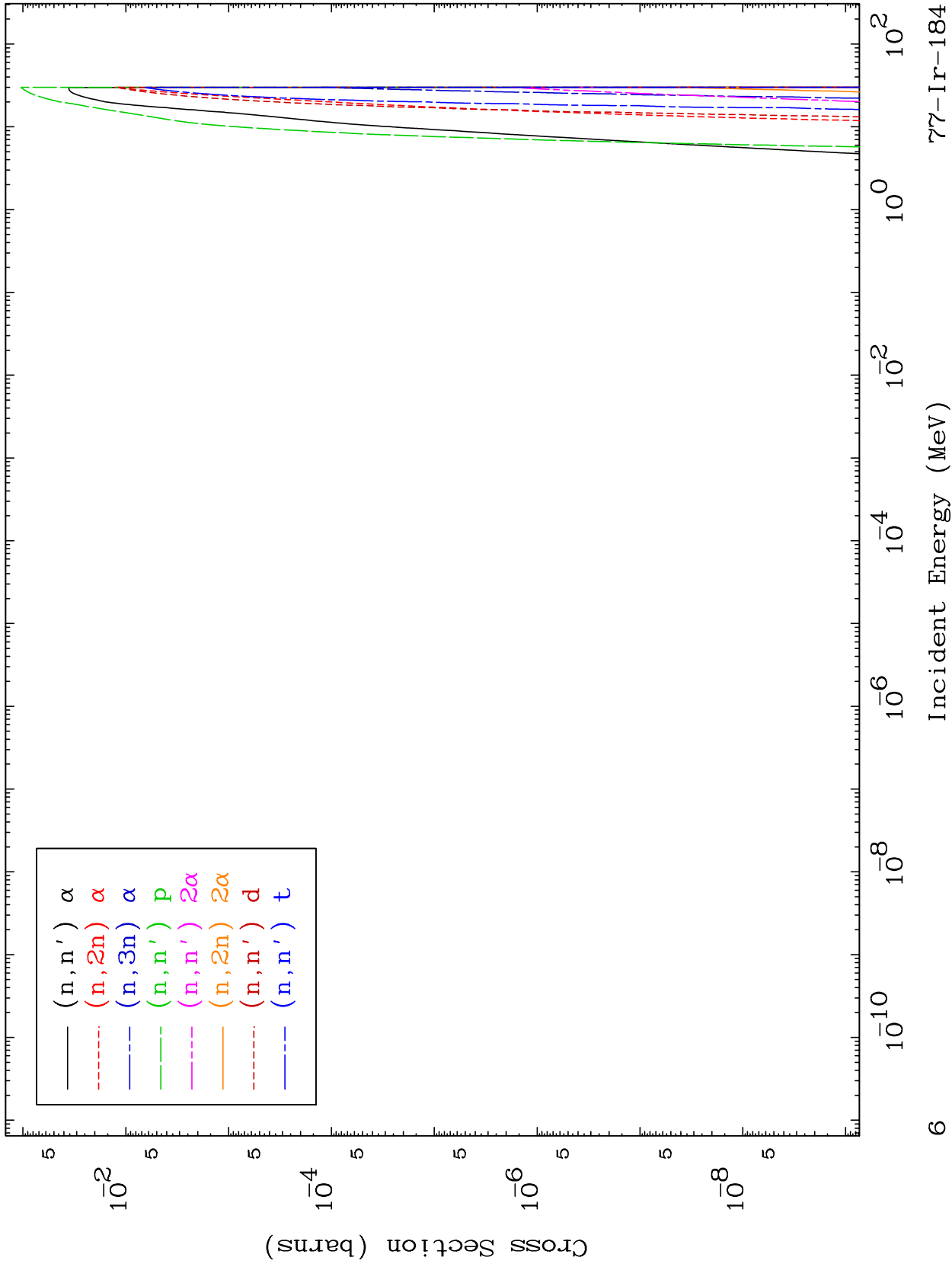
77-Ir-184



MAT 7704

Charged Particle  
293 Kelvin Cross Sections

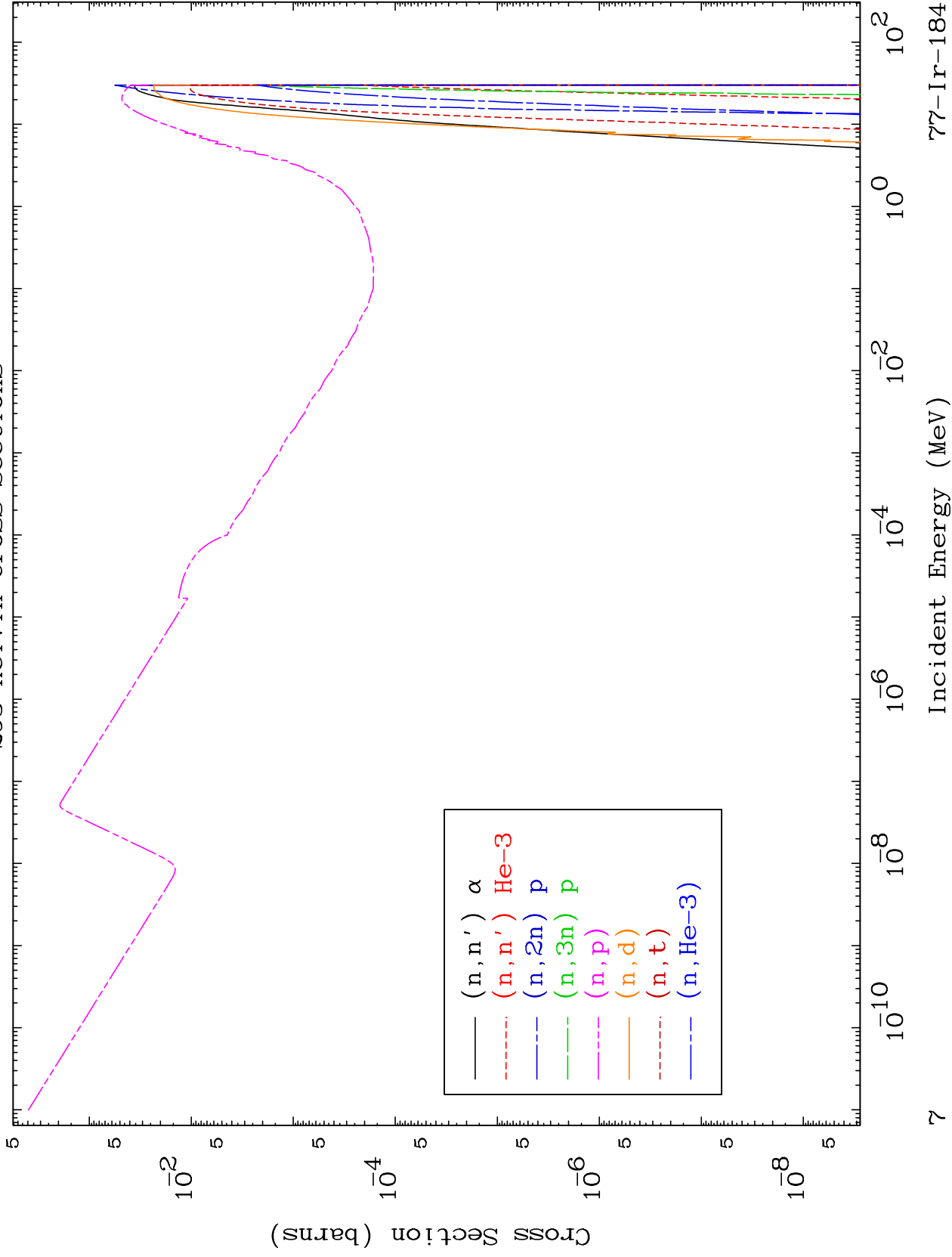
77-Ir-184



MAT 7704

Charged Particle  
293 Kelvin Cross Sections

77-Ir-184

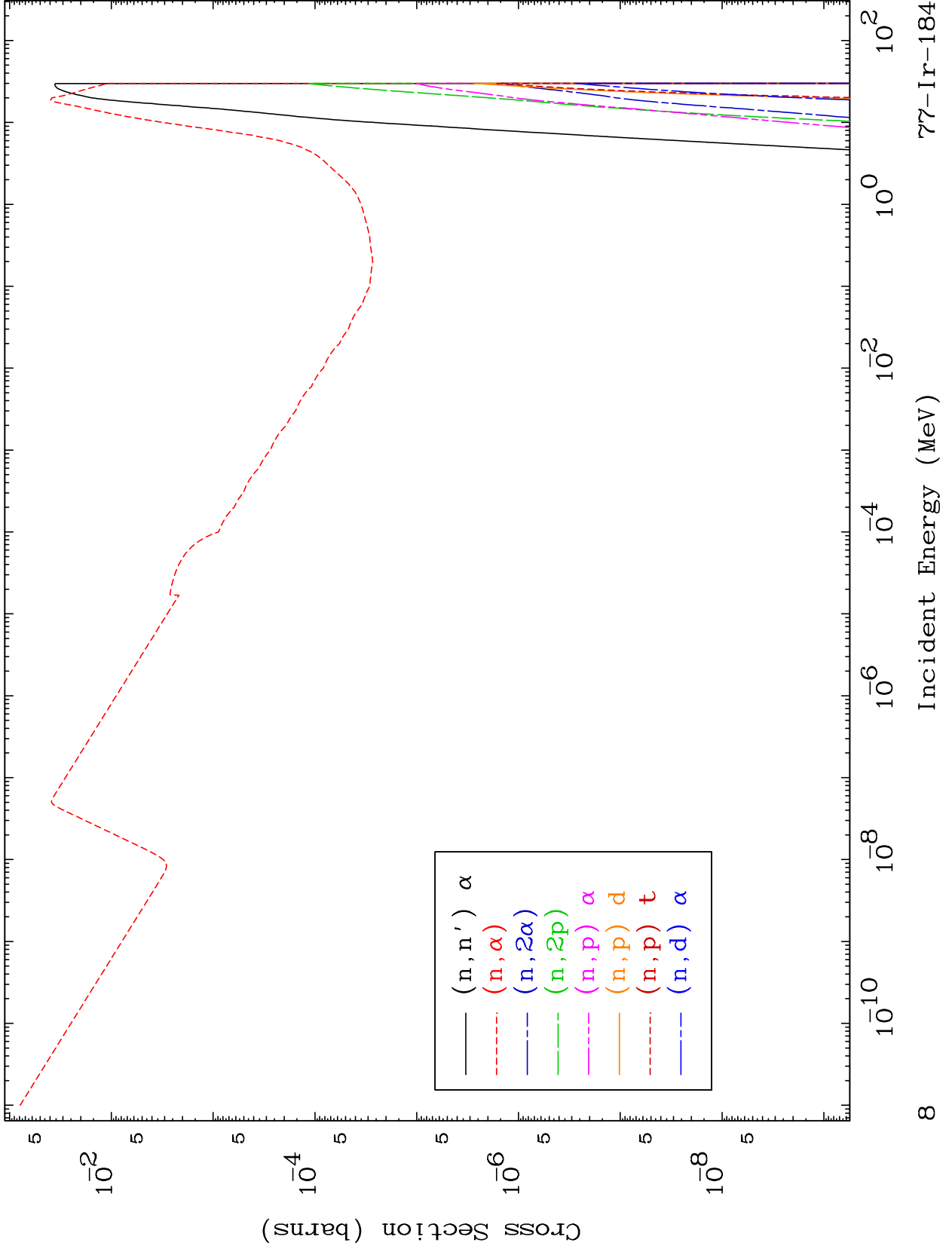




MAT 7704

Charged Particle  
293 Kelvin Cross Sections

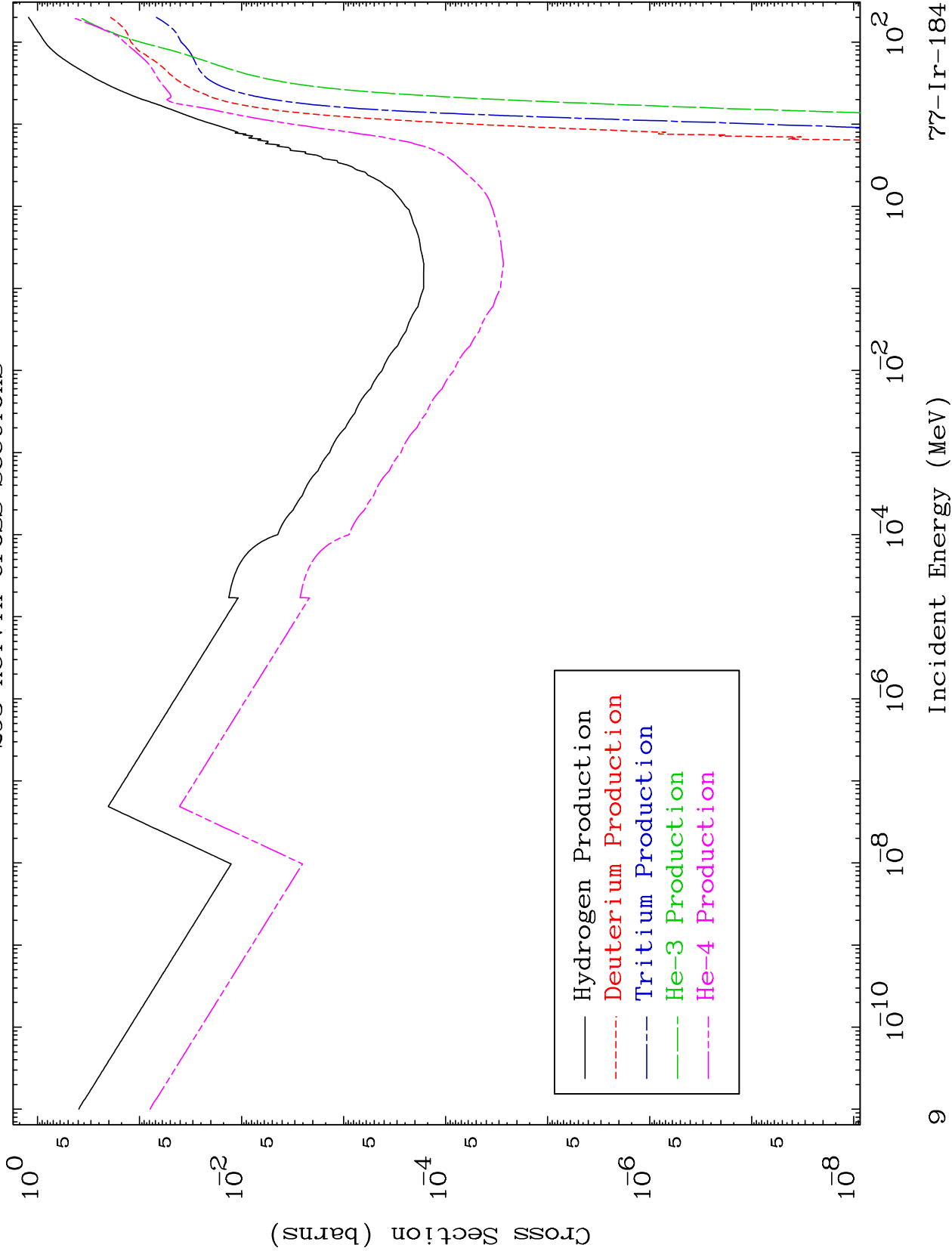
77-Ir-184



MAT 7704

Particle Production  
293 Kelvin Cross Sections

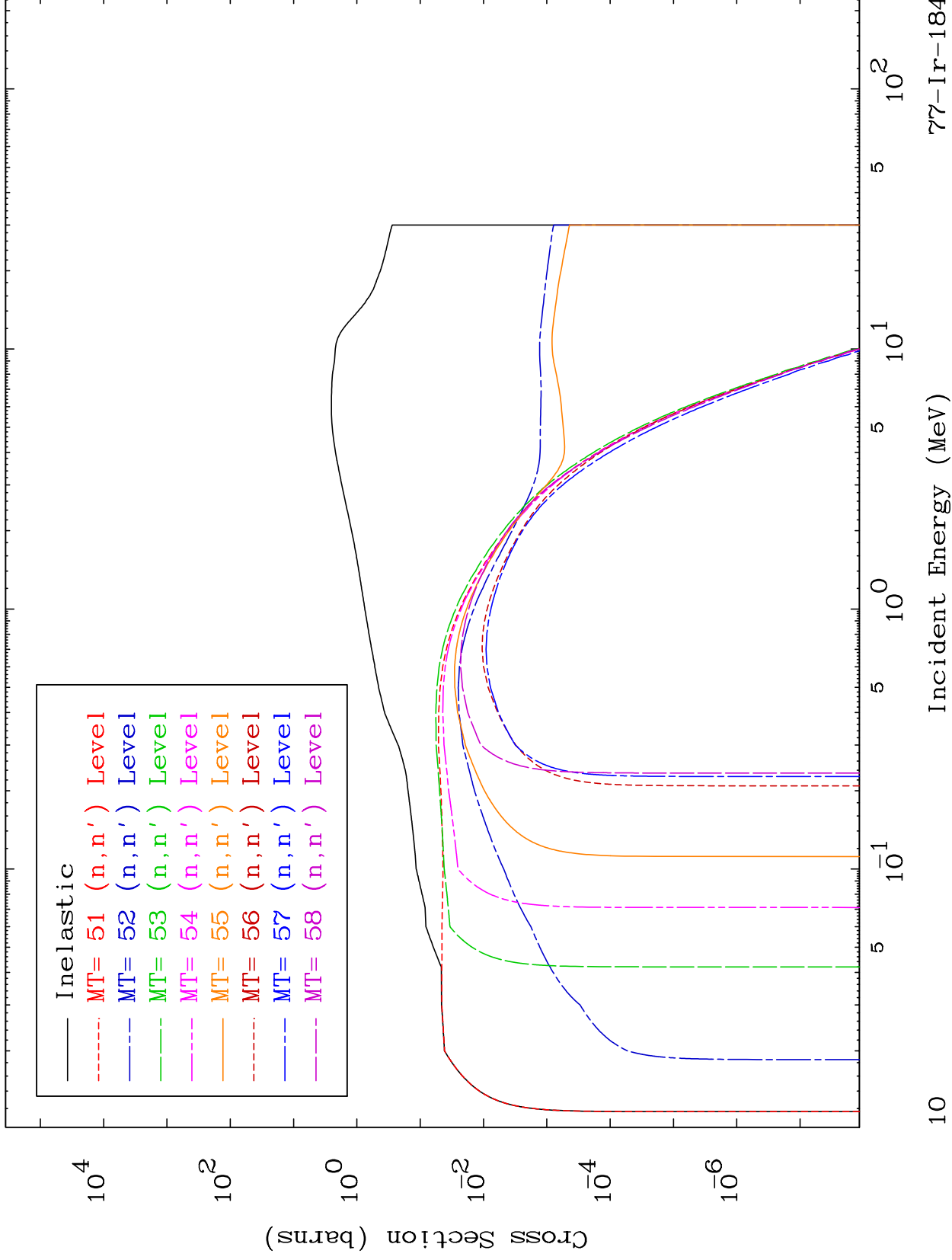
77-Ir-184



MAT 7704

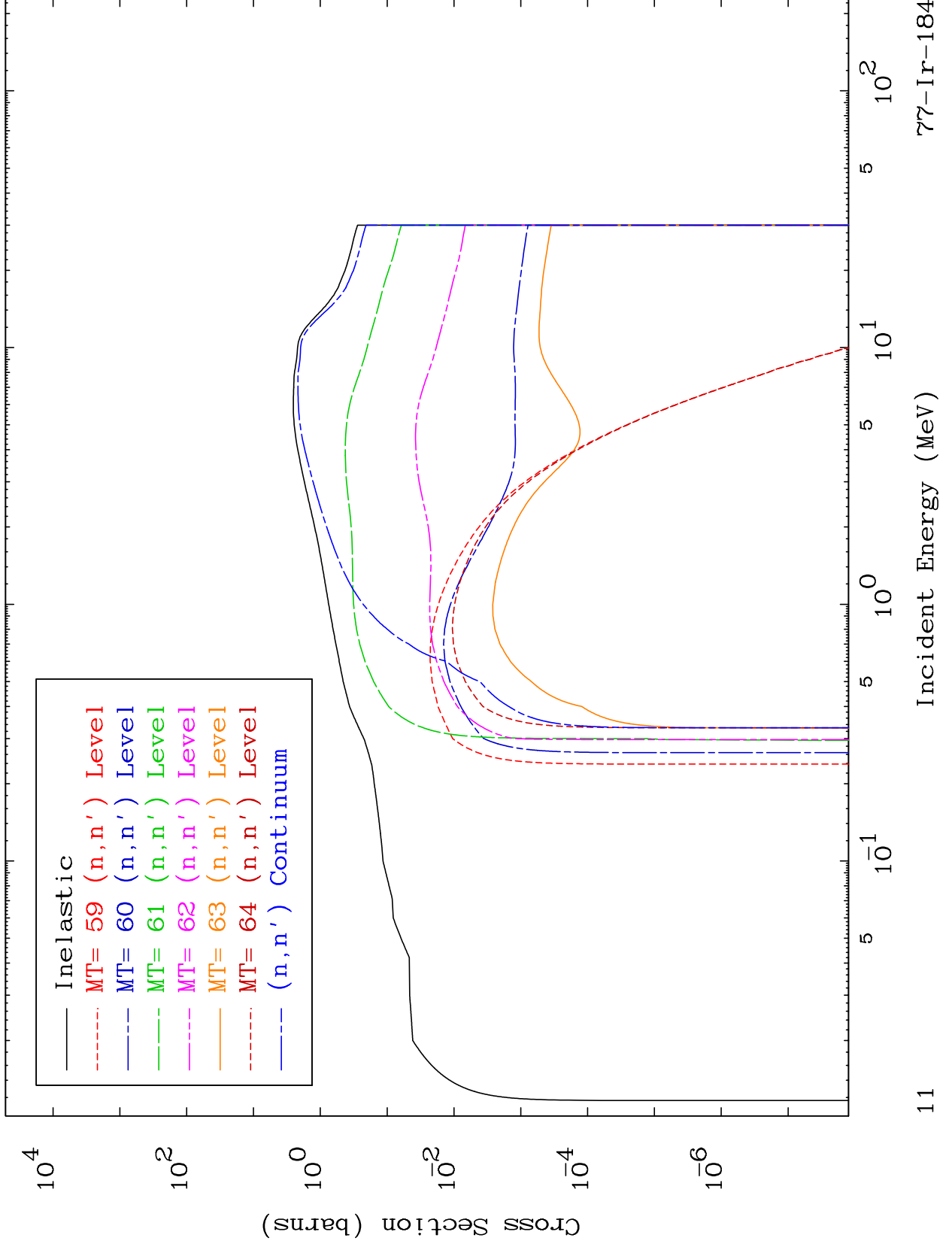
(n,n') Levels  
293 Kelvin Cross Sections

77-Ir-184



10

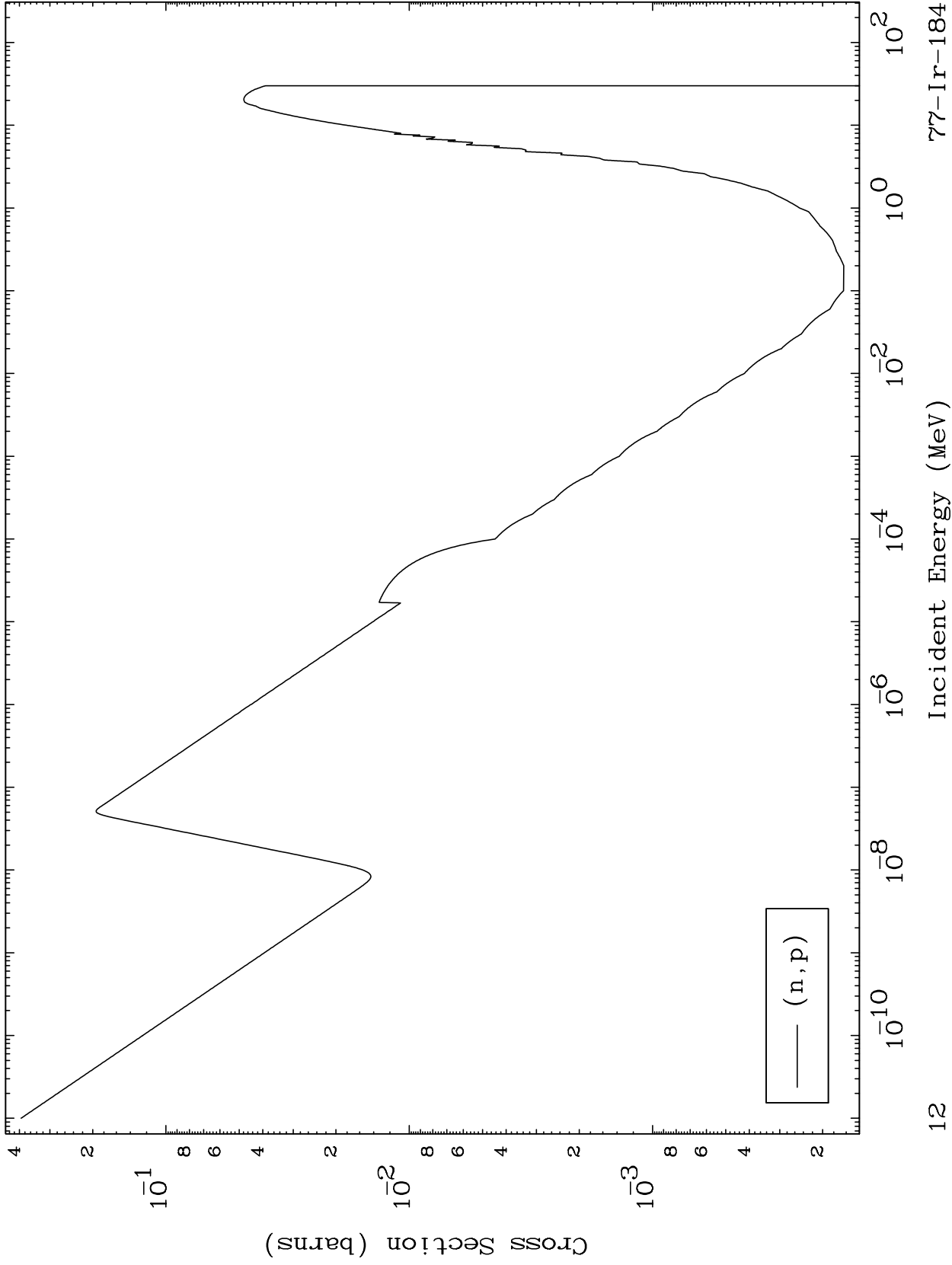
77-Ir-184



MAT 7704

(n,p) Levels  
293 Kelvin Cross Sections

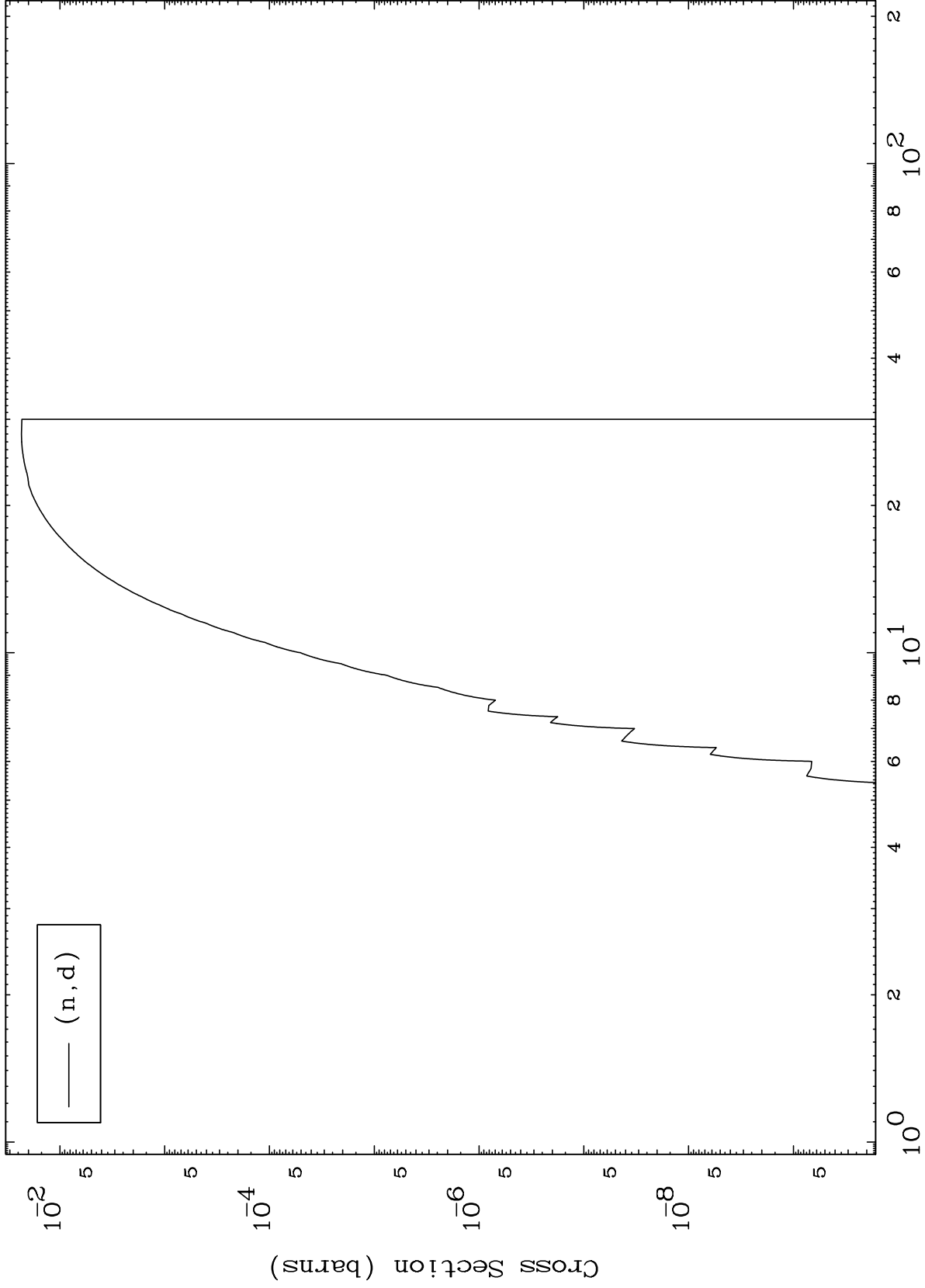
77-Ir-184



MAT 7704

(n,d) Levels  
293 Kelvin Cross Sections

77-Ir-184



Incident Energy (MeV)

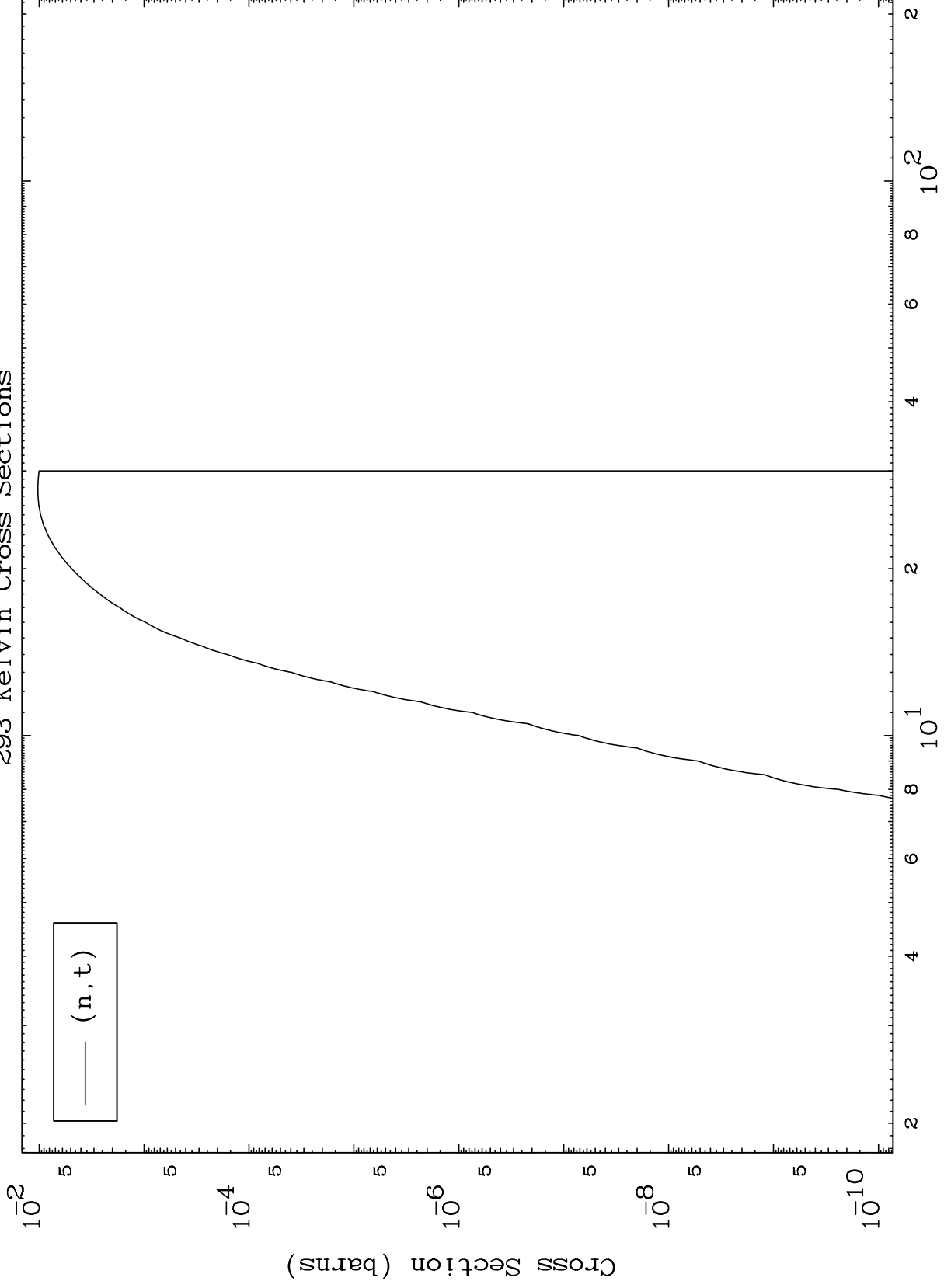
77-Ir-184

13

MAT 7704

293 Kelvin Cross Sections  
(n,t) Levels

77-Ir-184



14

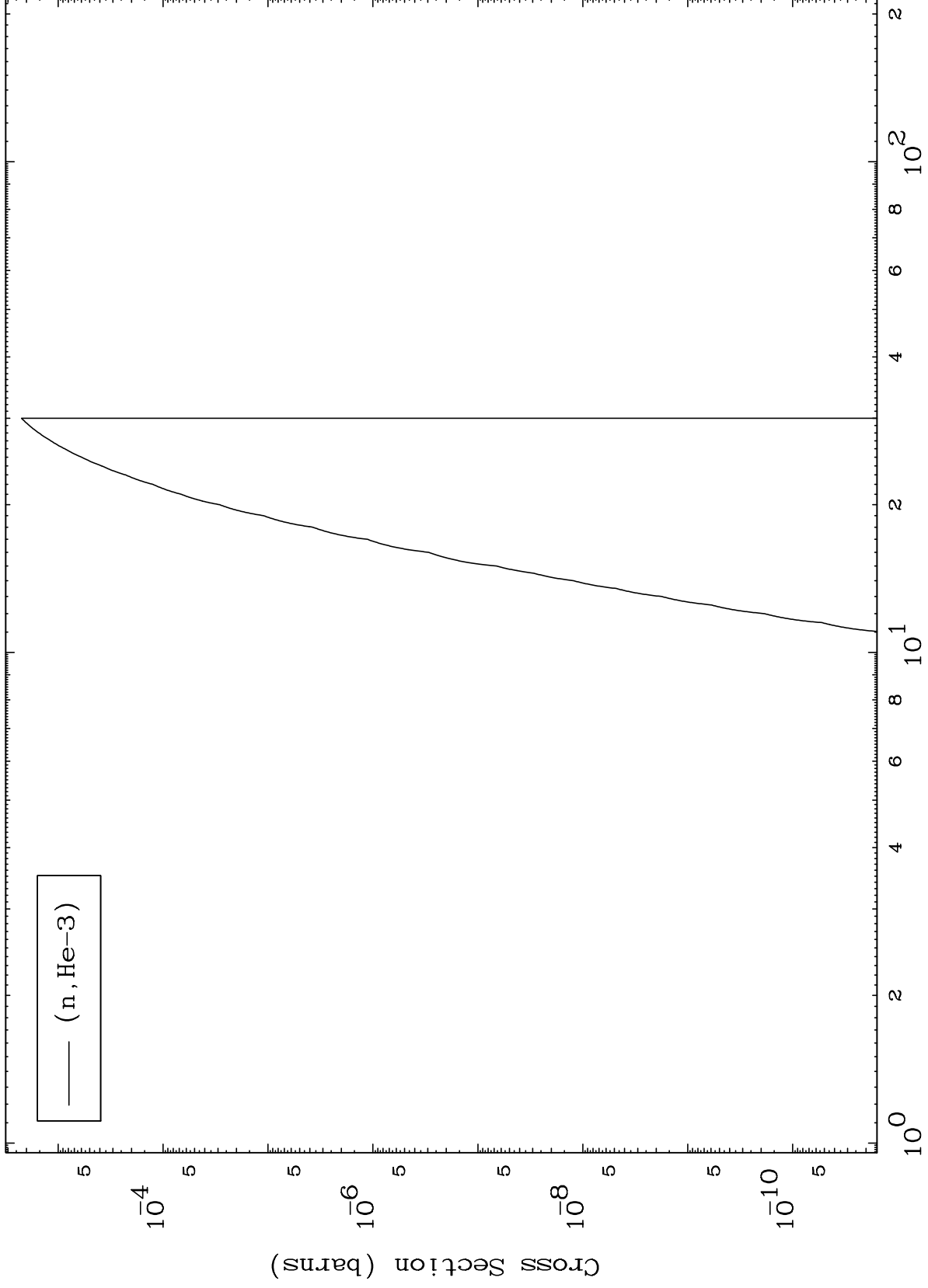
Incident Energy (MeV)

77-Ir-184

MAT 7704

(n,He3) Levels  
293 Kelvin Cross Sections

77-Ir-184



15

Incident Energy (MeV)

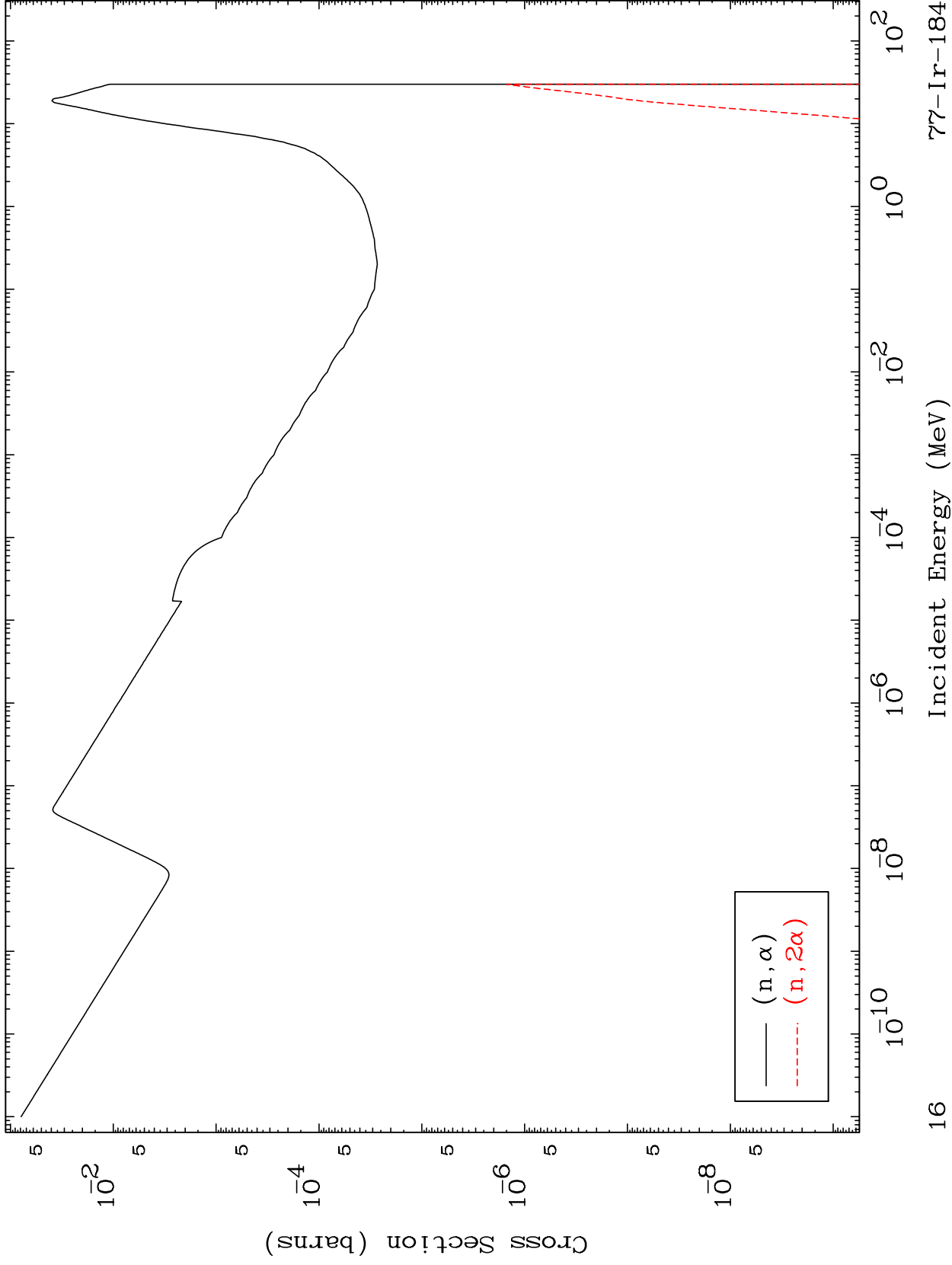
77-Ir-184

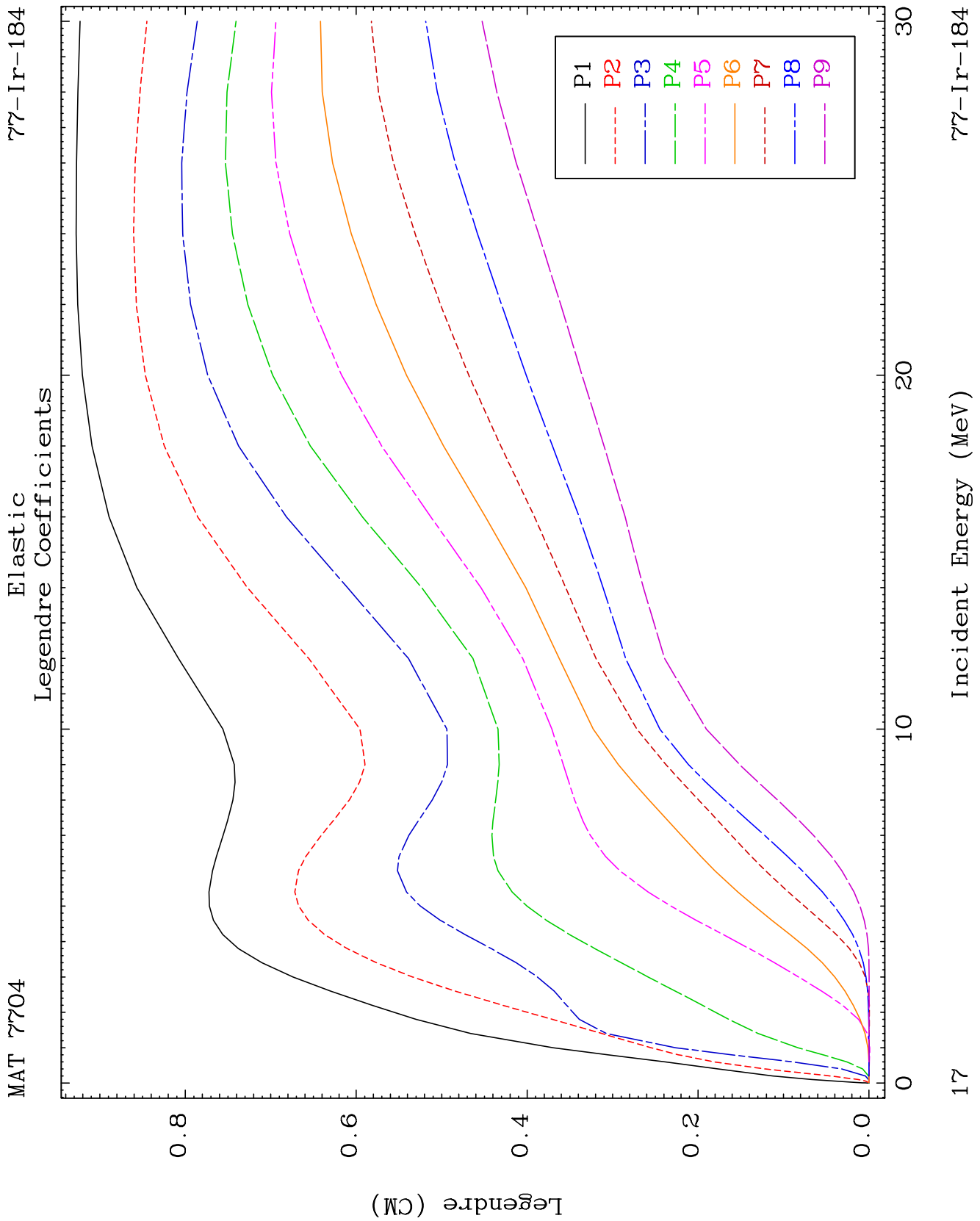


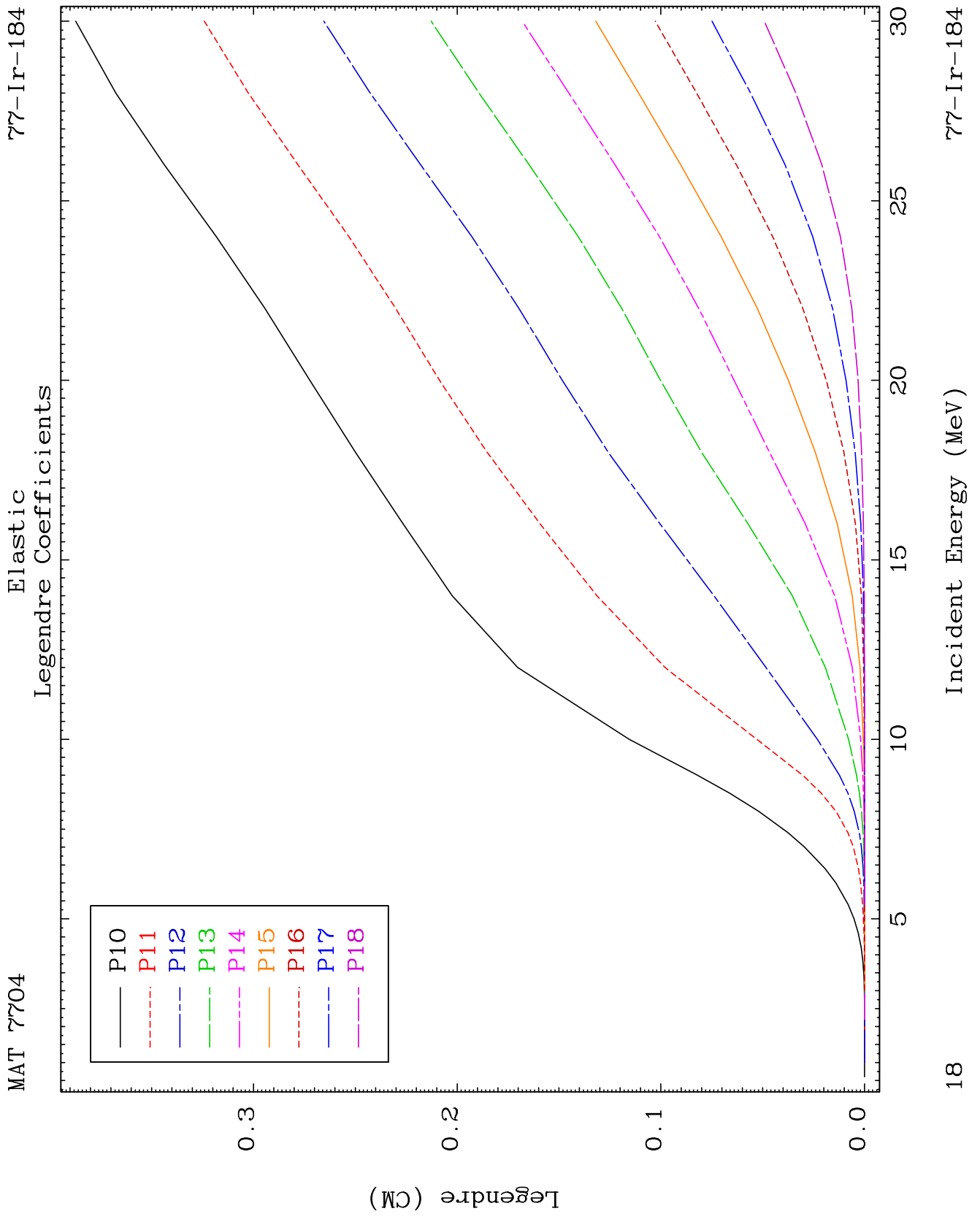
MAT 7704

(n,α) Levels  
293 Kelvin Cross Sections

77-Ir-184



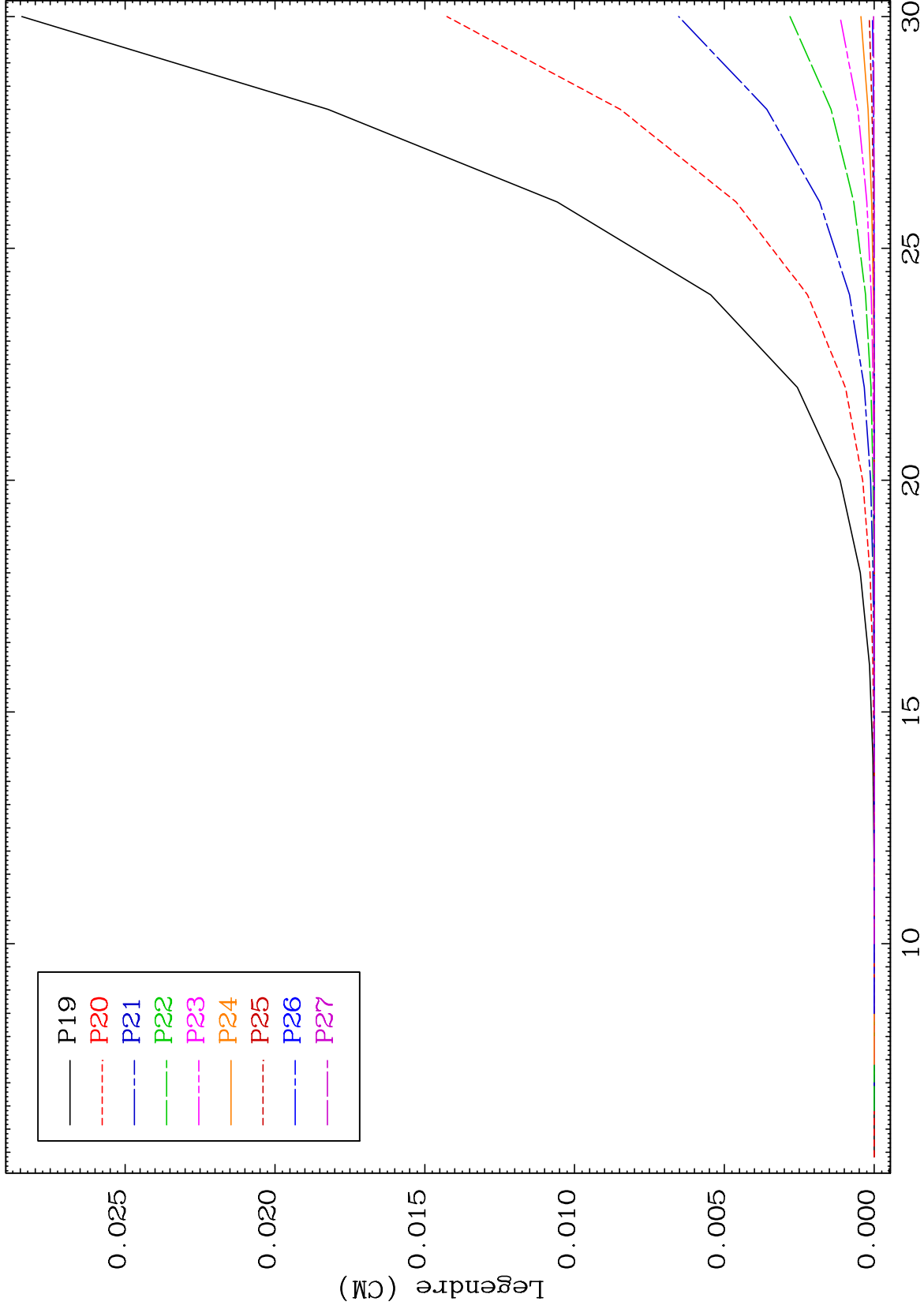




MAT 7704

### Elastic Legendre Coefficients

77-Ir-184



19

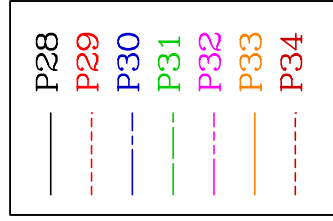
Incident Energy (MeV)

77-Ir-184

MAT 7704

Elastic  
Legendre Coefficients

77-Ir-184



$\times 10^{-6}$

Legendre (CM)

6

4

2

0

15

20

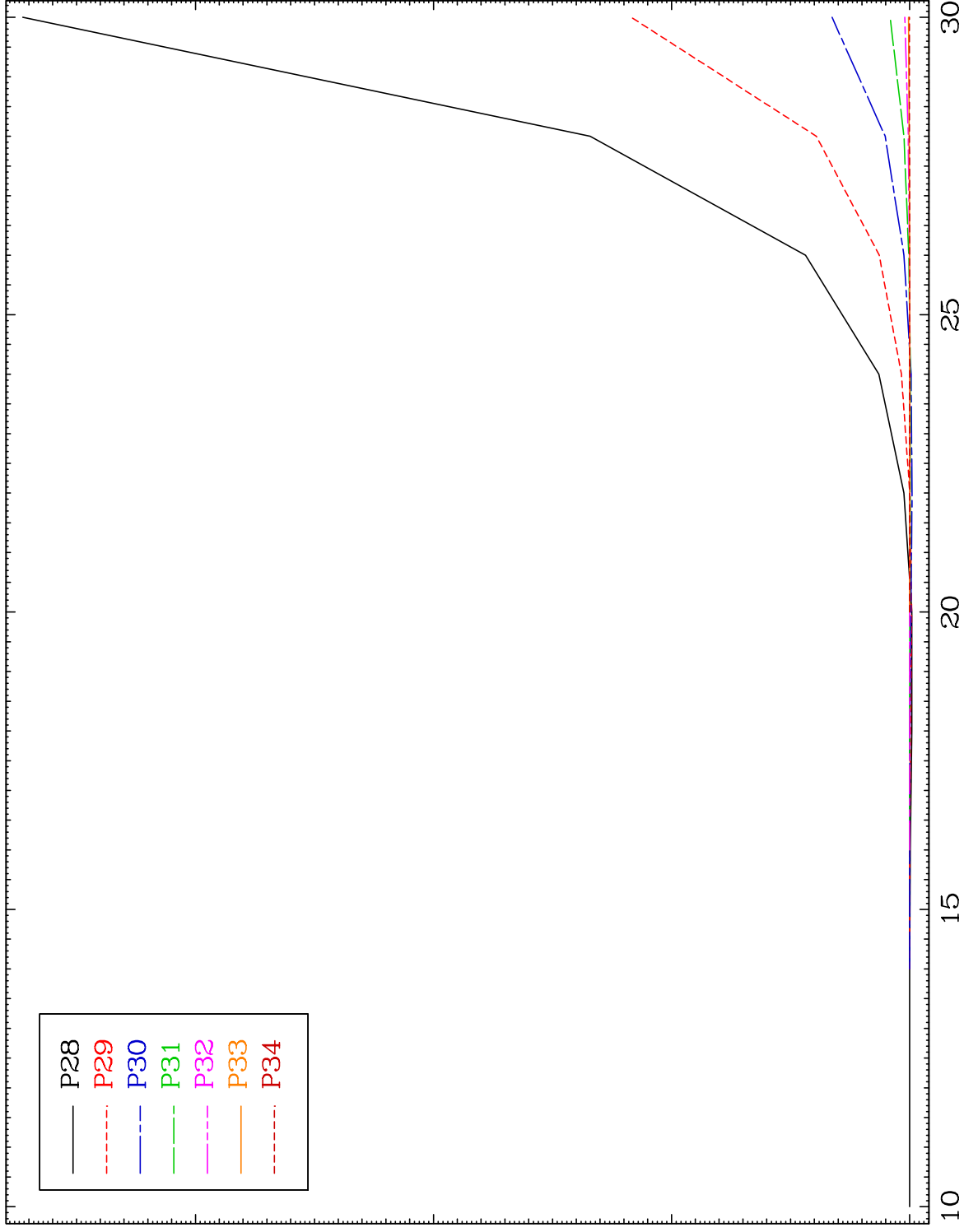
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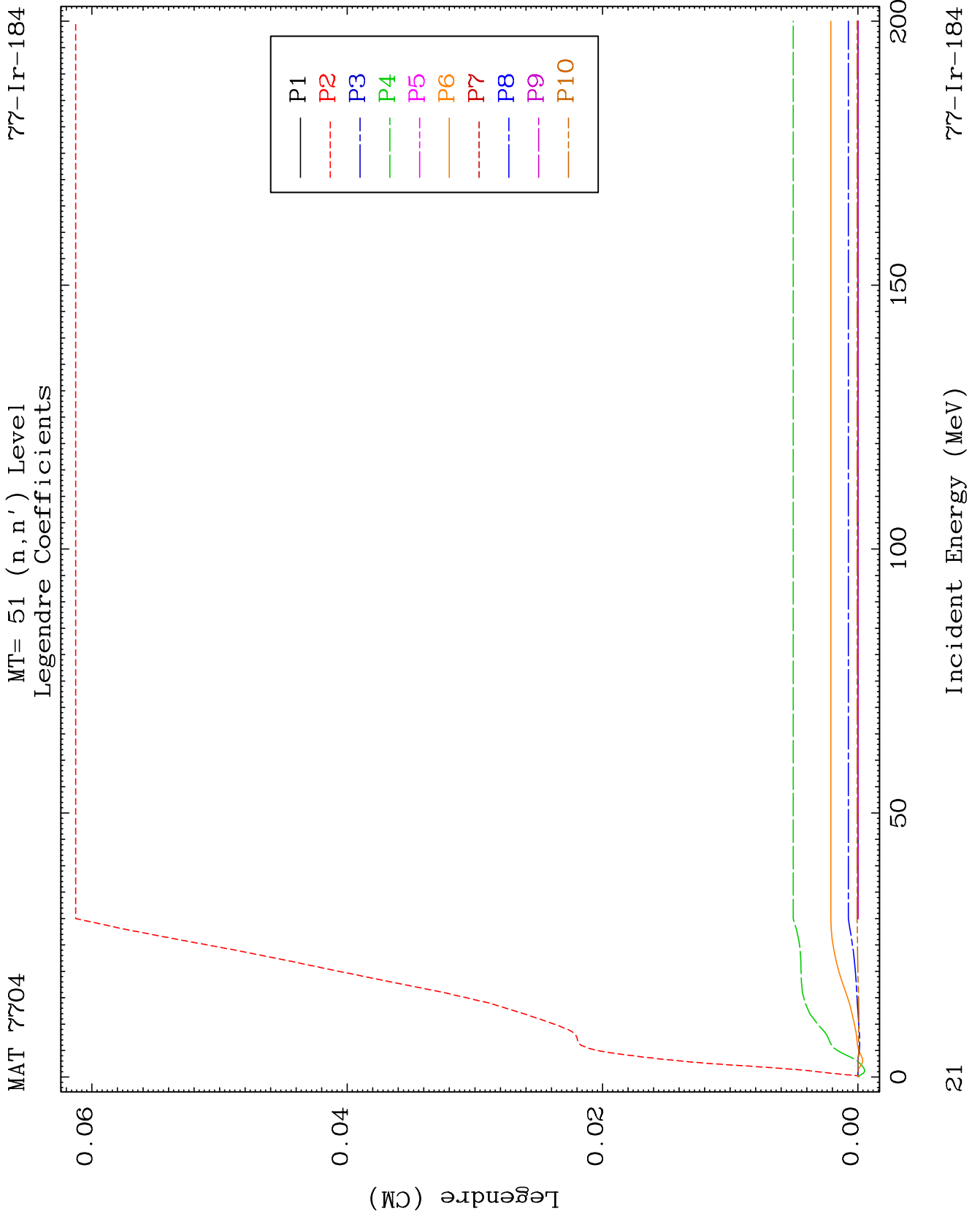
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20

Incident Energy (MeV)

77-Ir-184

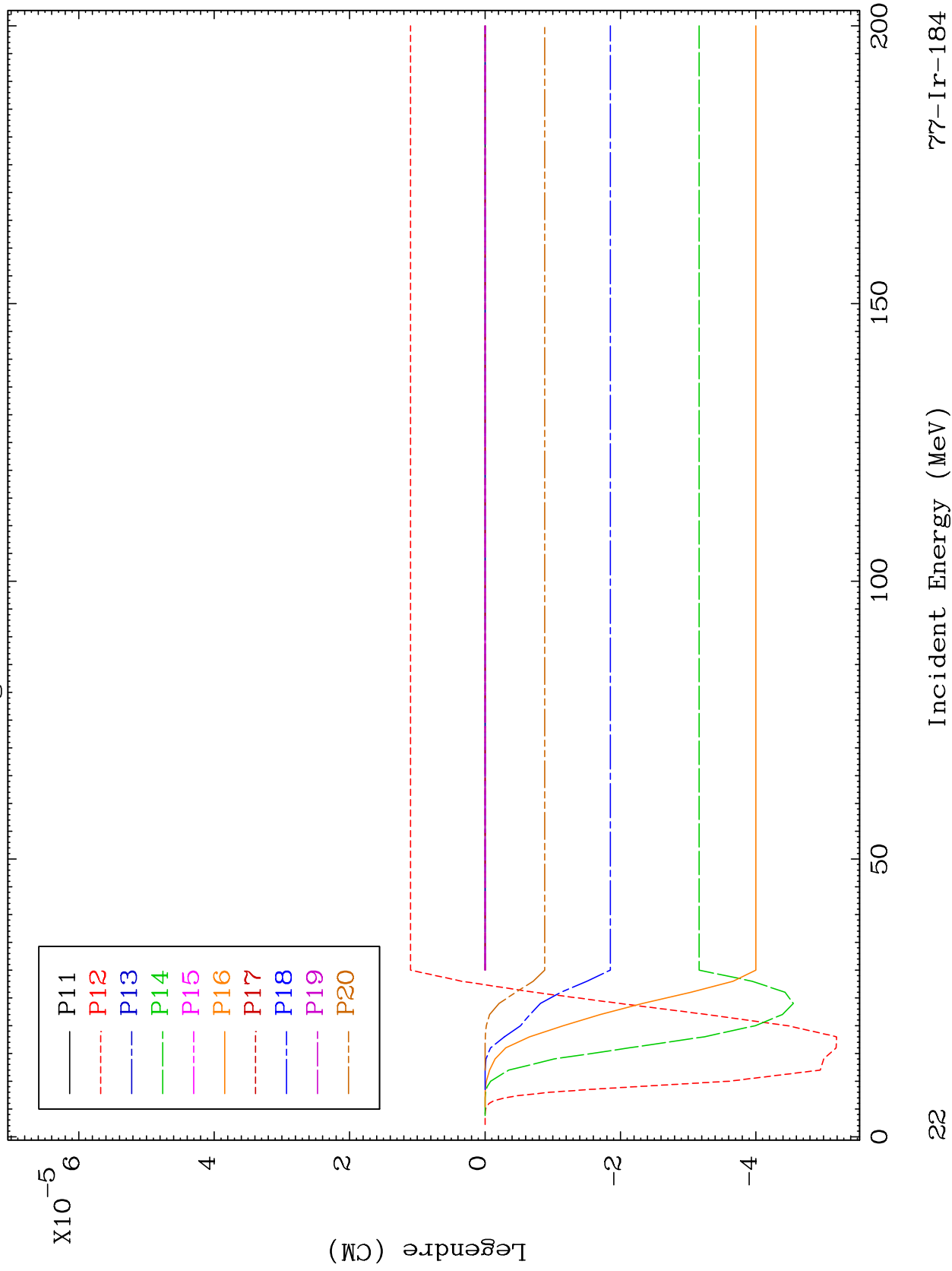




MAT 7704

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

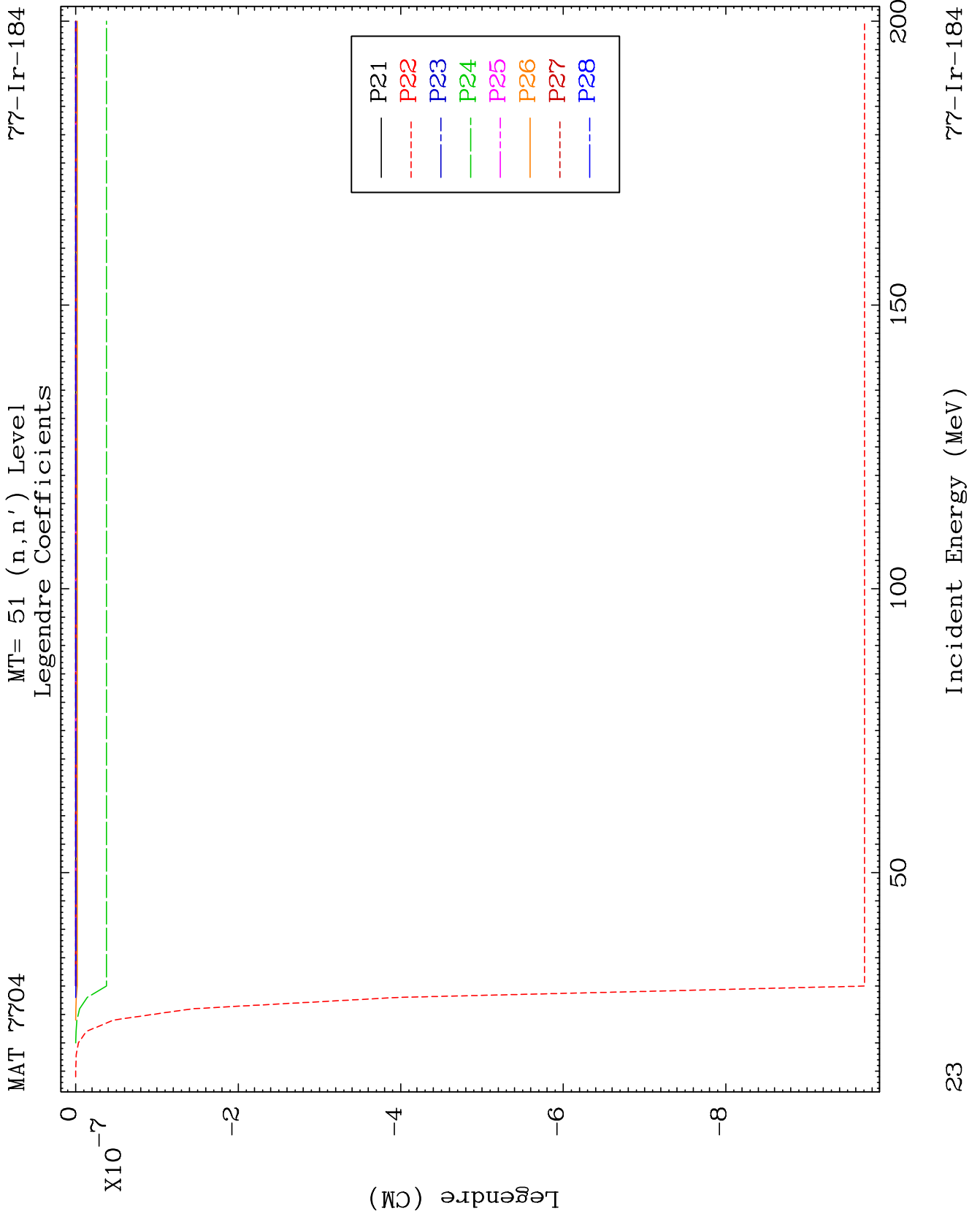
77-Ir-184



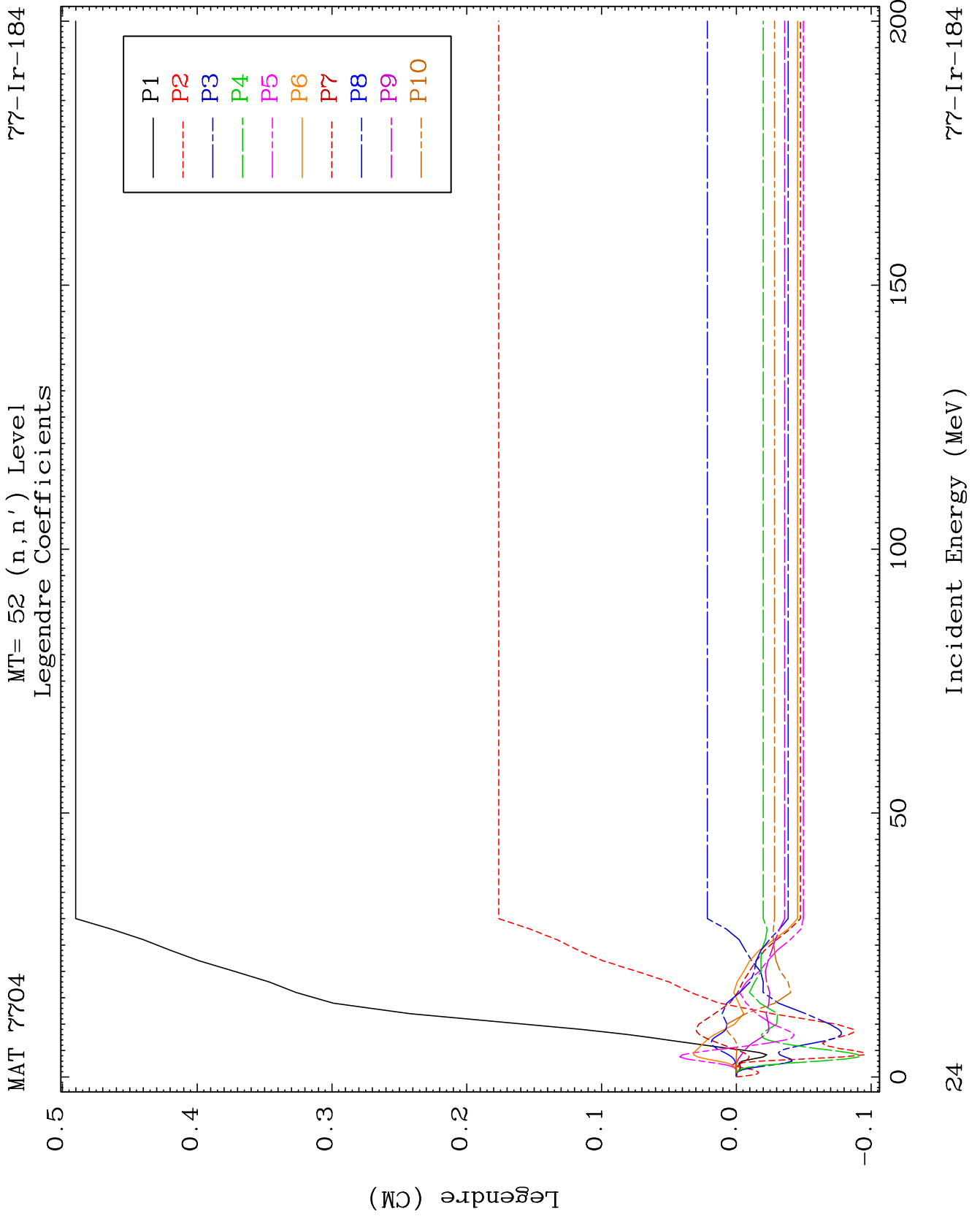
22

Incident Energy (MeV)

77-Ir-184



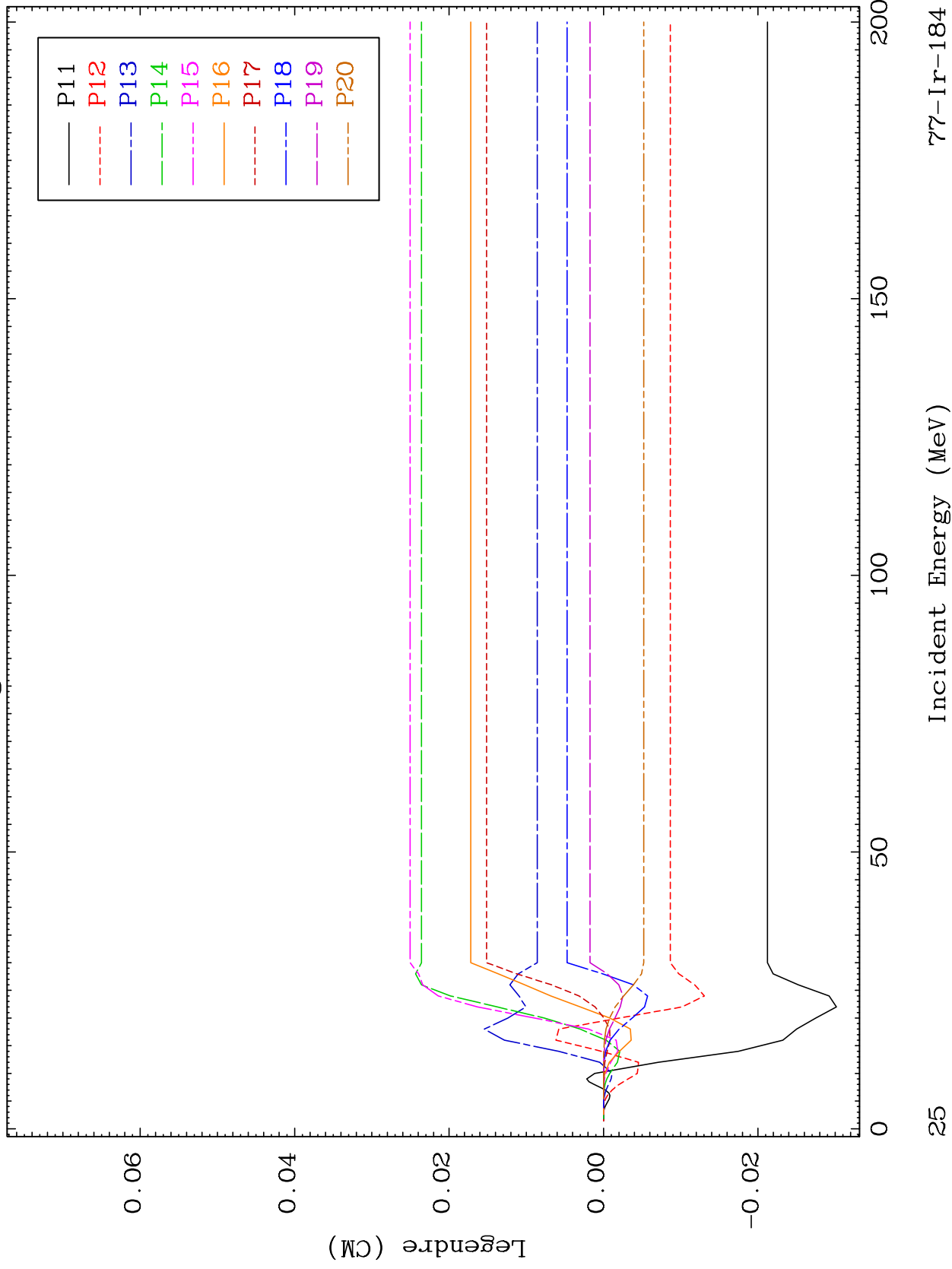




MAT 7704

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

77-Ir-184



77-Ir-184

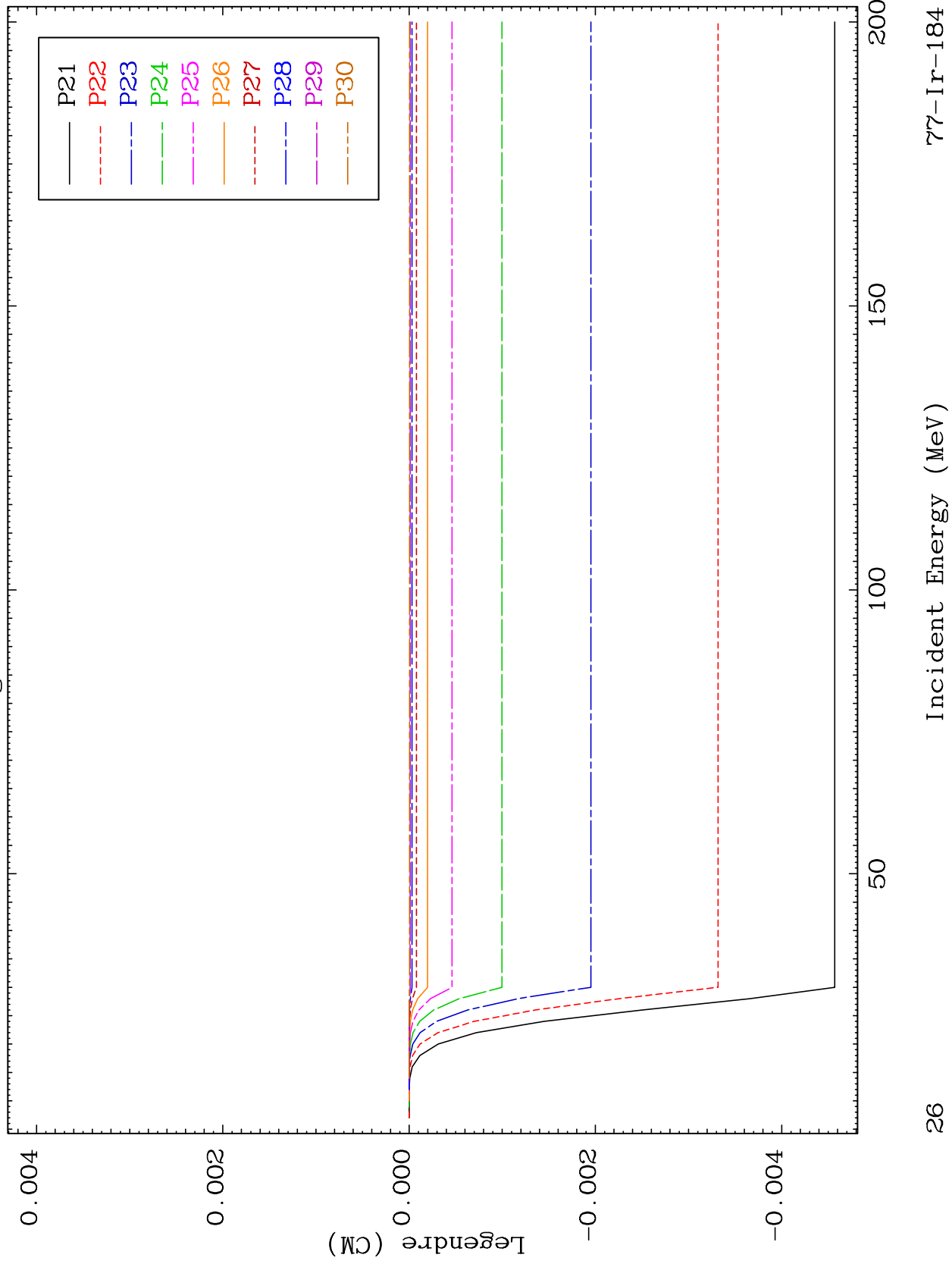
Incident Energy (MeV)

25

MAT 7704

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

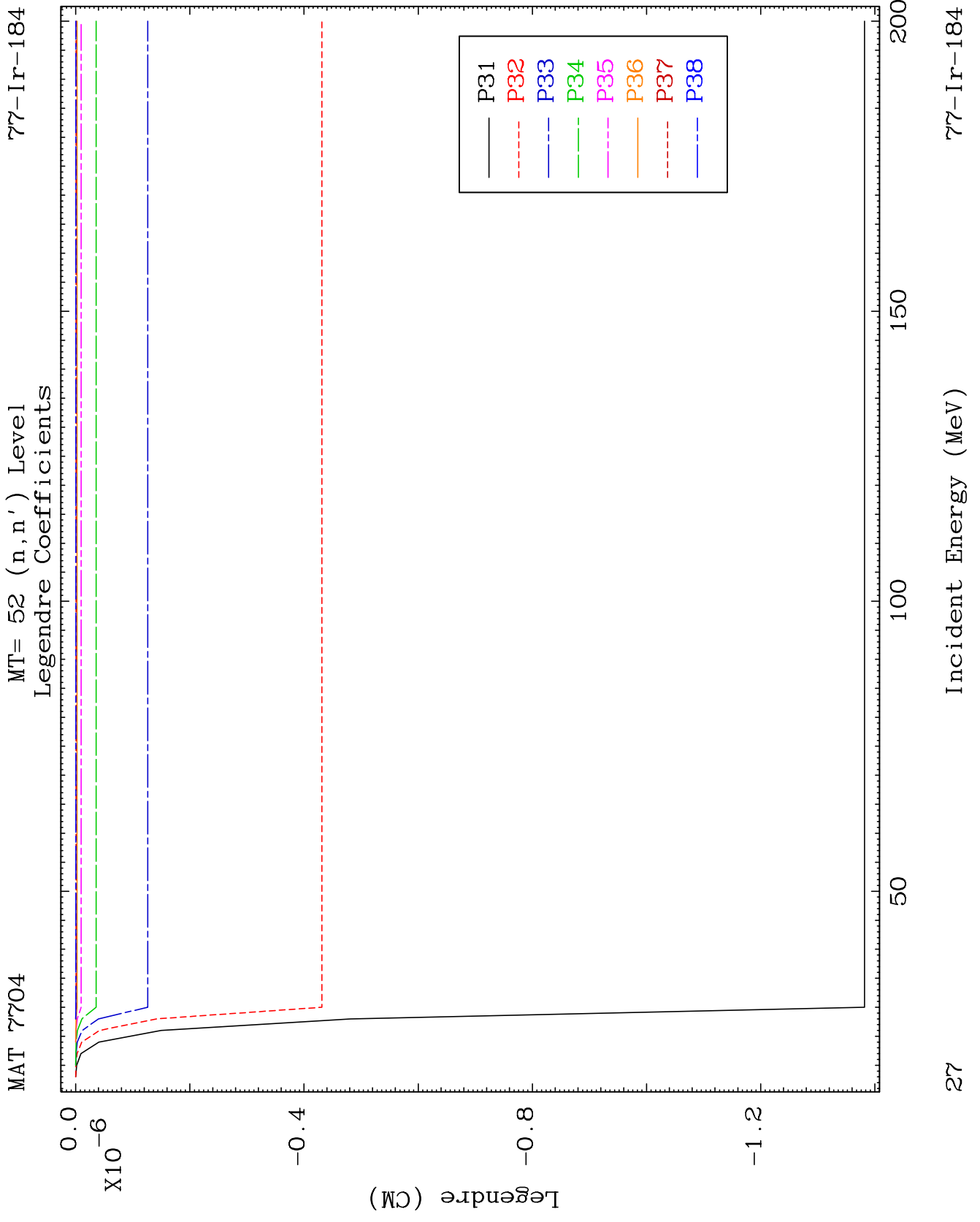
77-Ir-184



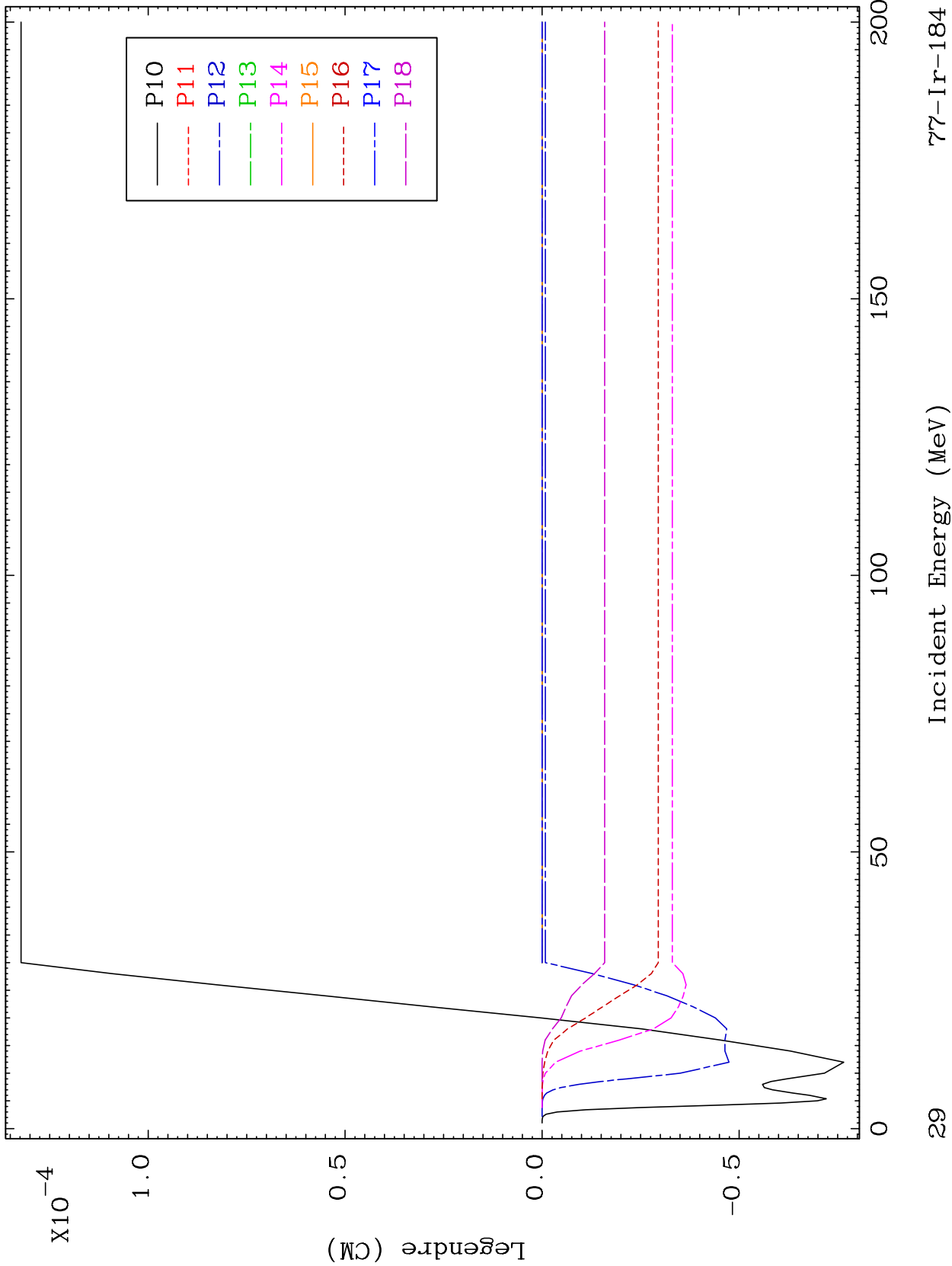
26

Incident Energy (MeV)

77-Ir-184



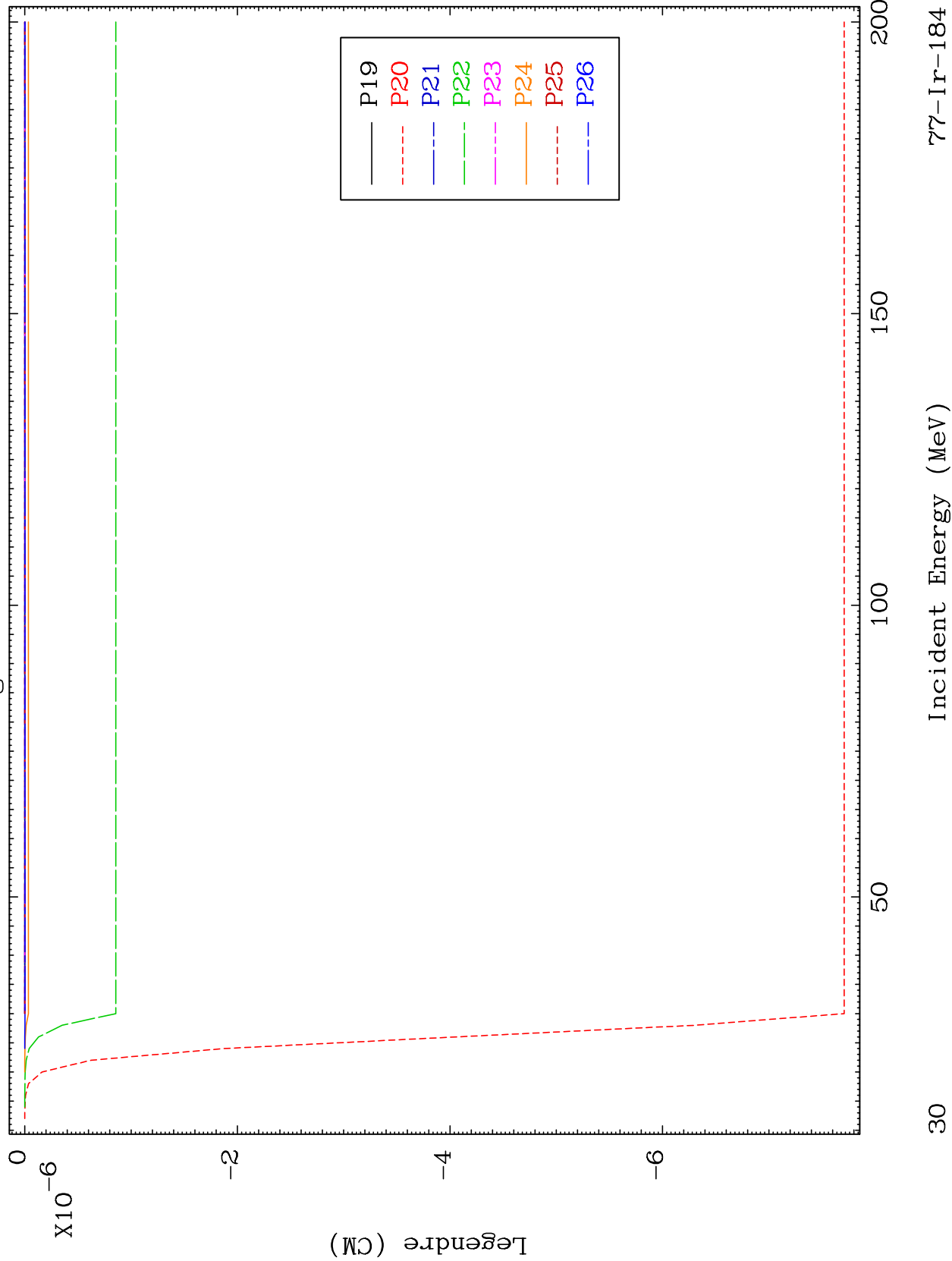




MAT 7704

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

77-Ir-184



30

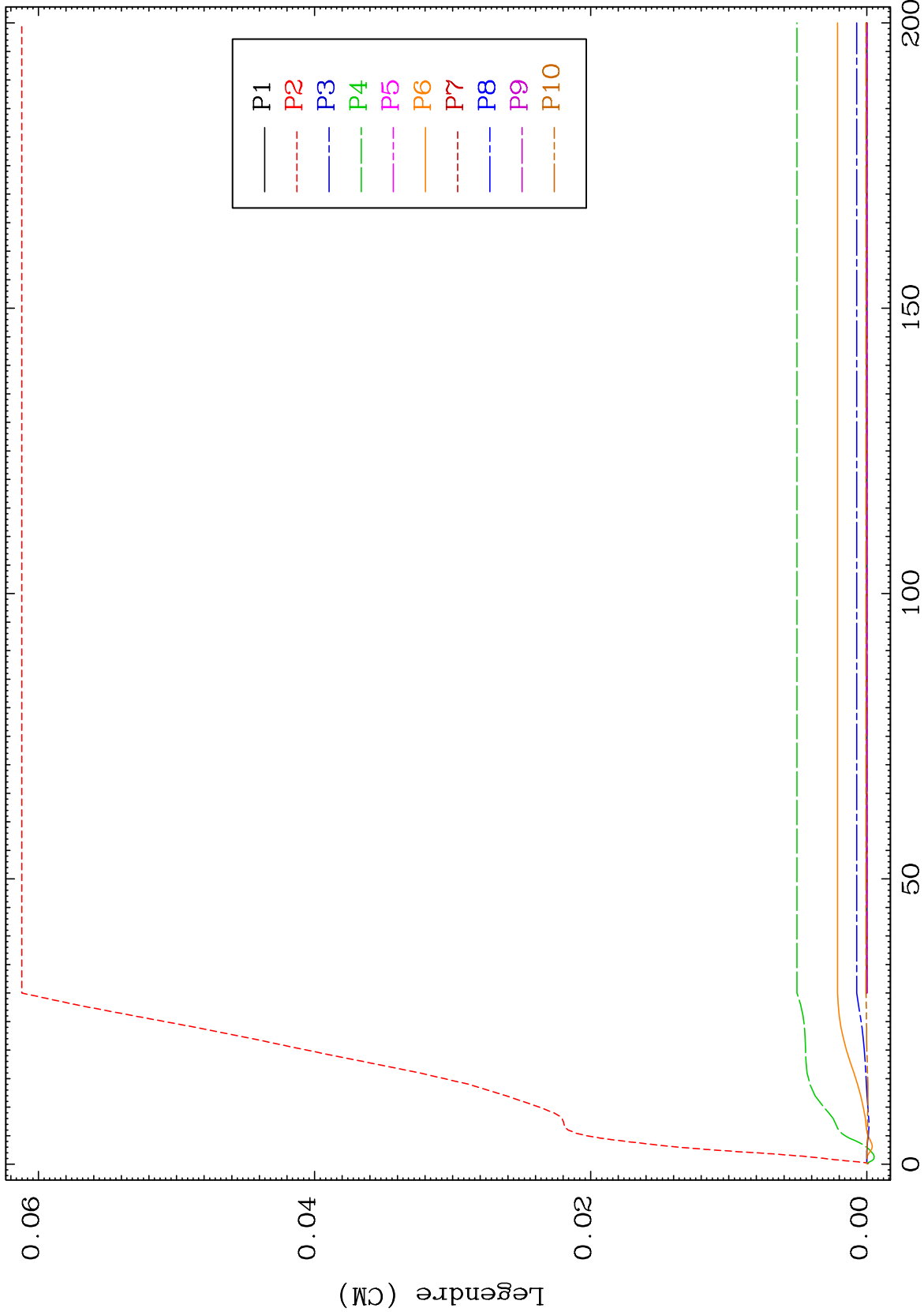
Incident Energy (MeV)

77-Ir-184

MAT 7704

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

77-Ir-184



77-Ir-184

Incident Energy (MeV)

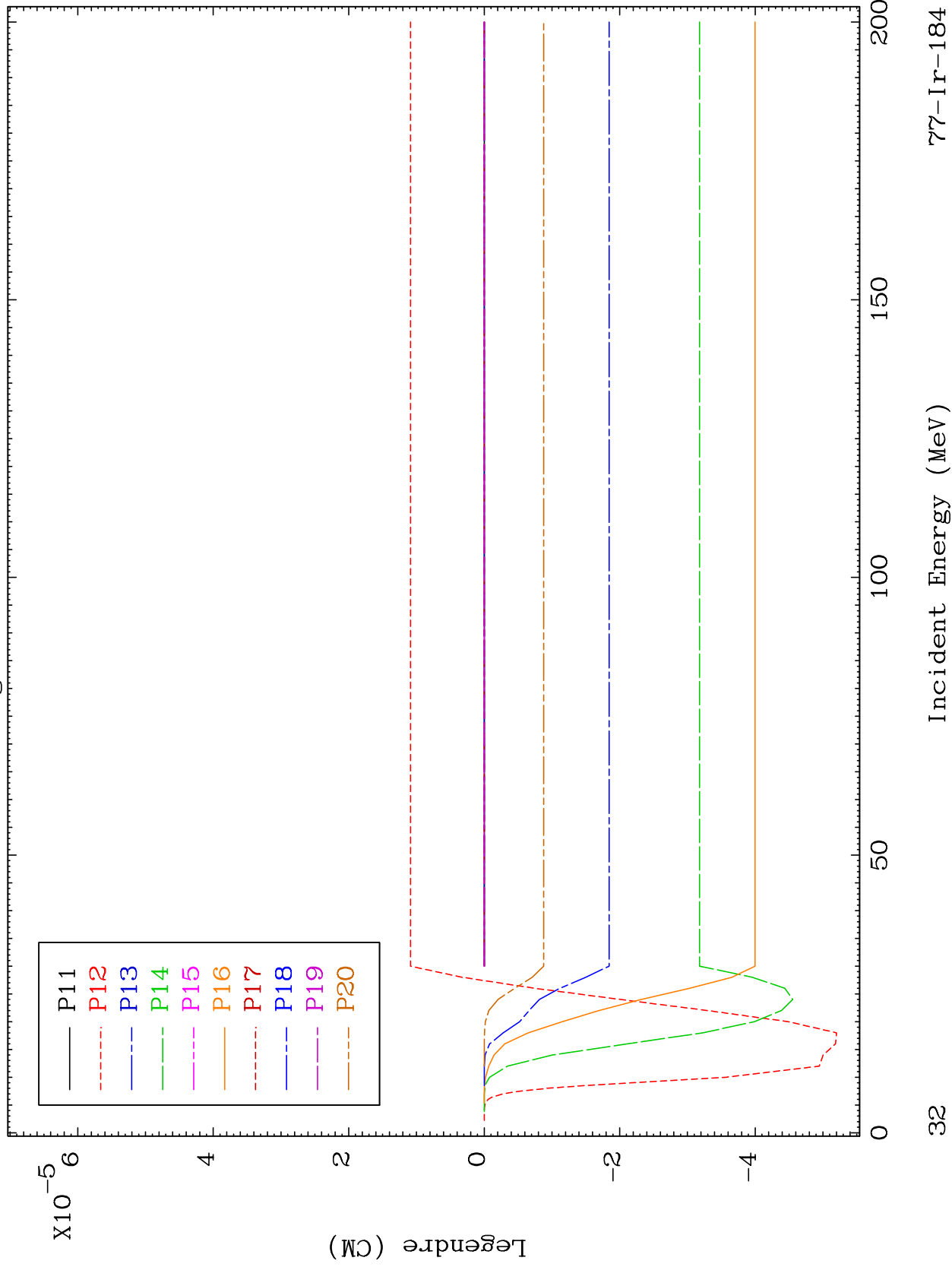
31



MAT 7704

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

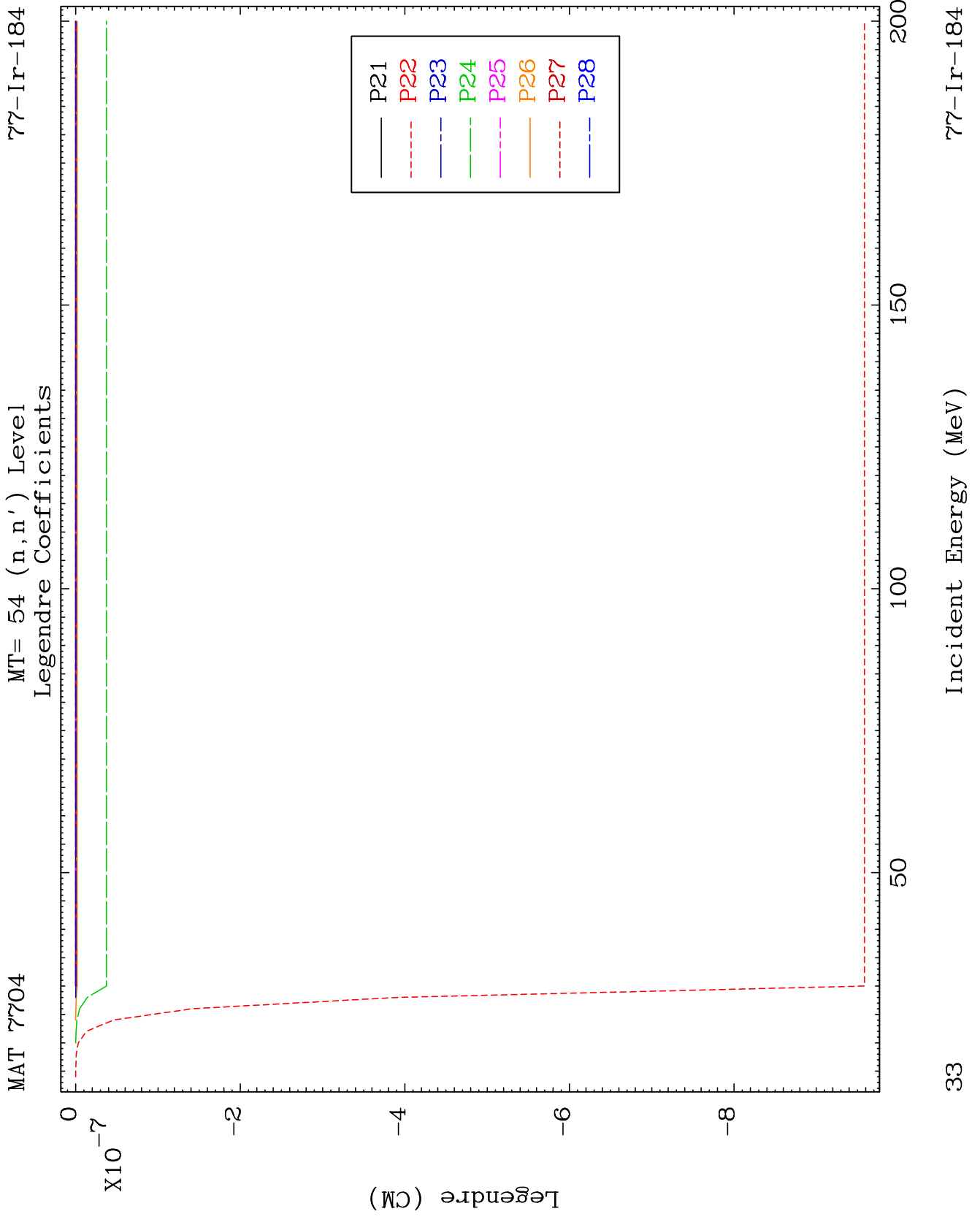
77-Ir-184



32

Incident Energy (MeV)

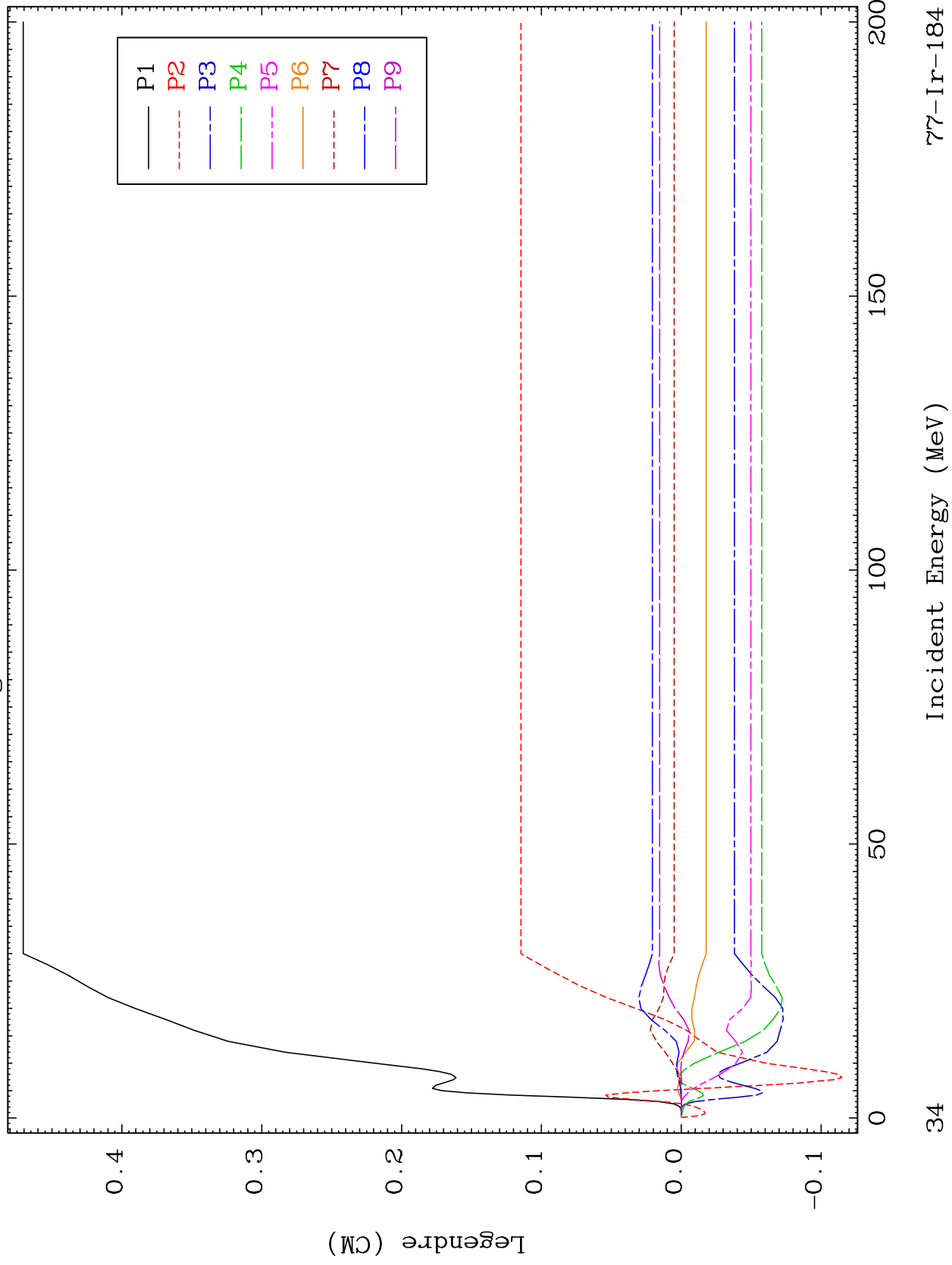
77-Ir-184



MAT 7704

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

77-Ir-184

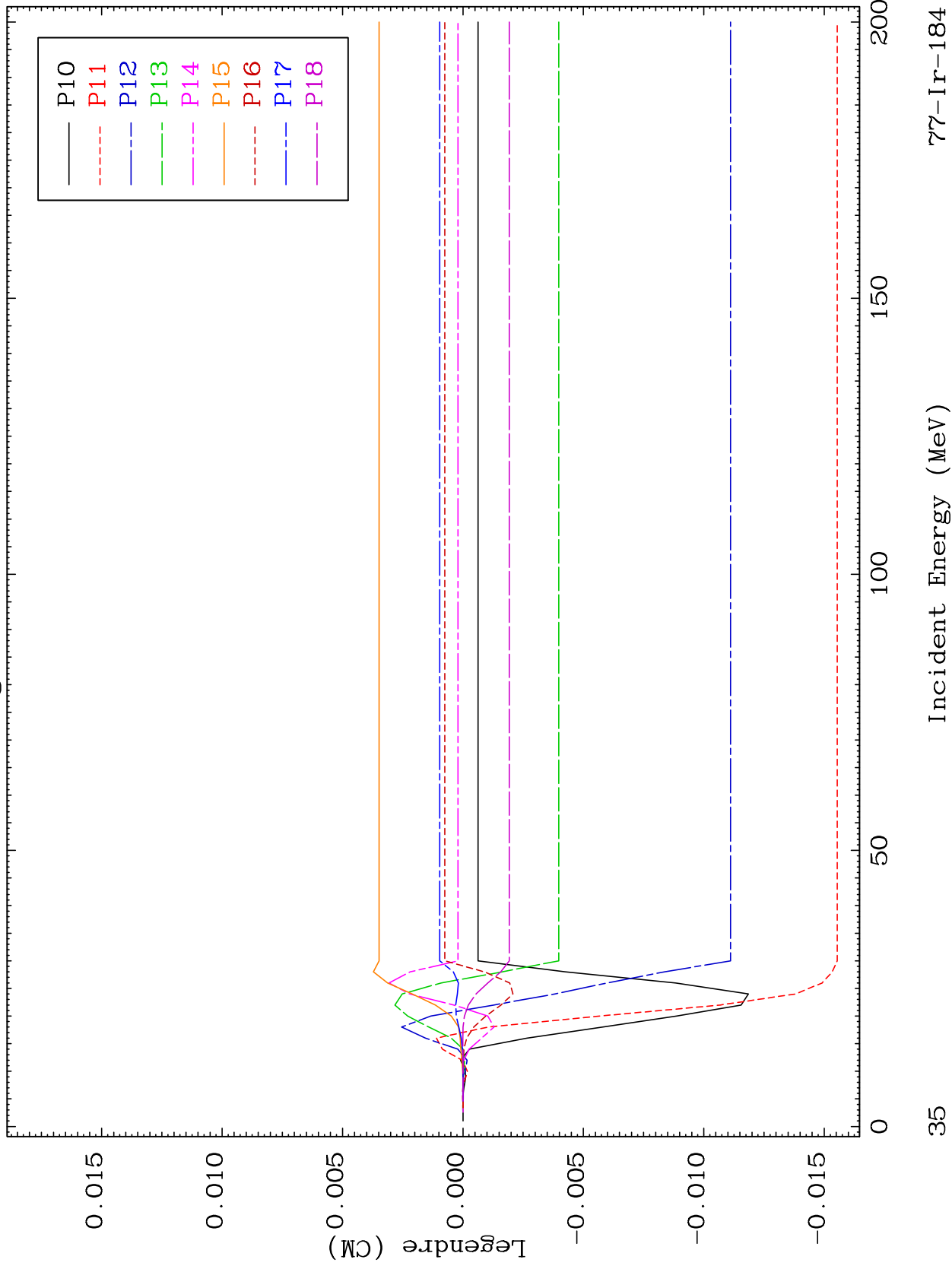


34

MAT 7704

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

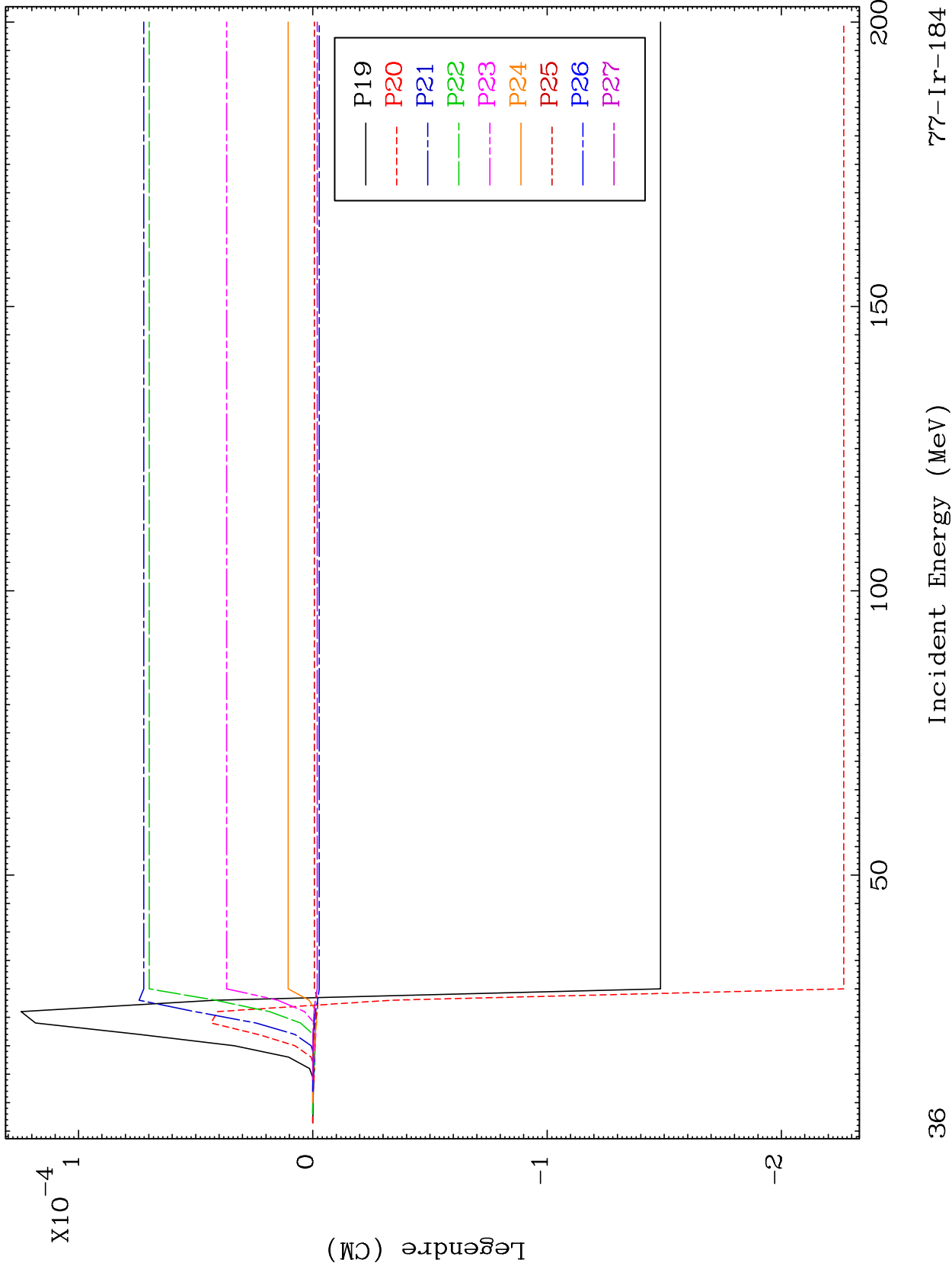
77-Ir-184



77-Ir-184

Incident Energy (MeV)

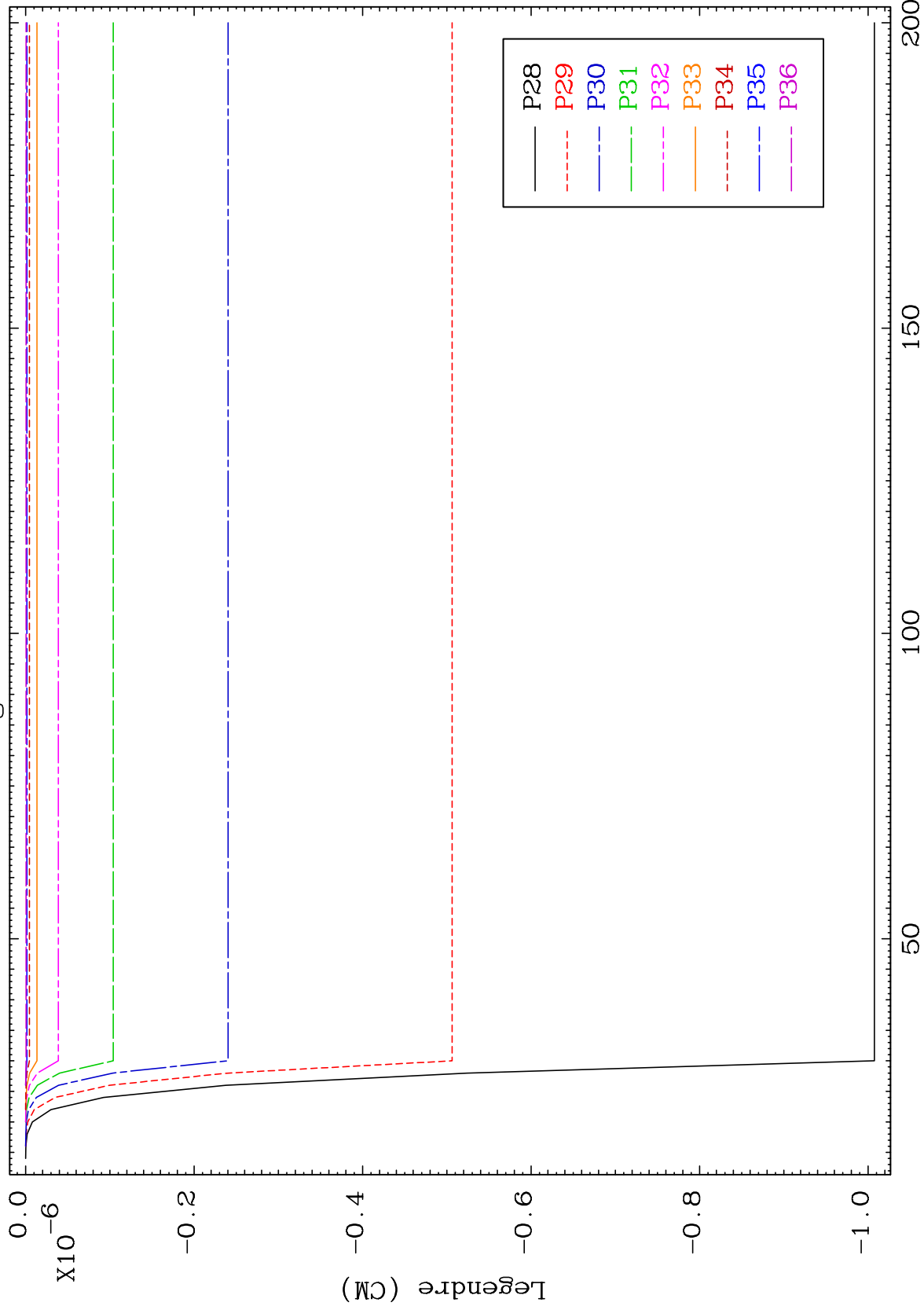
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MAT 7704

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

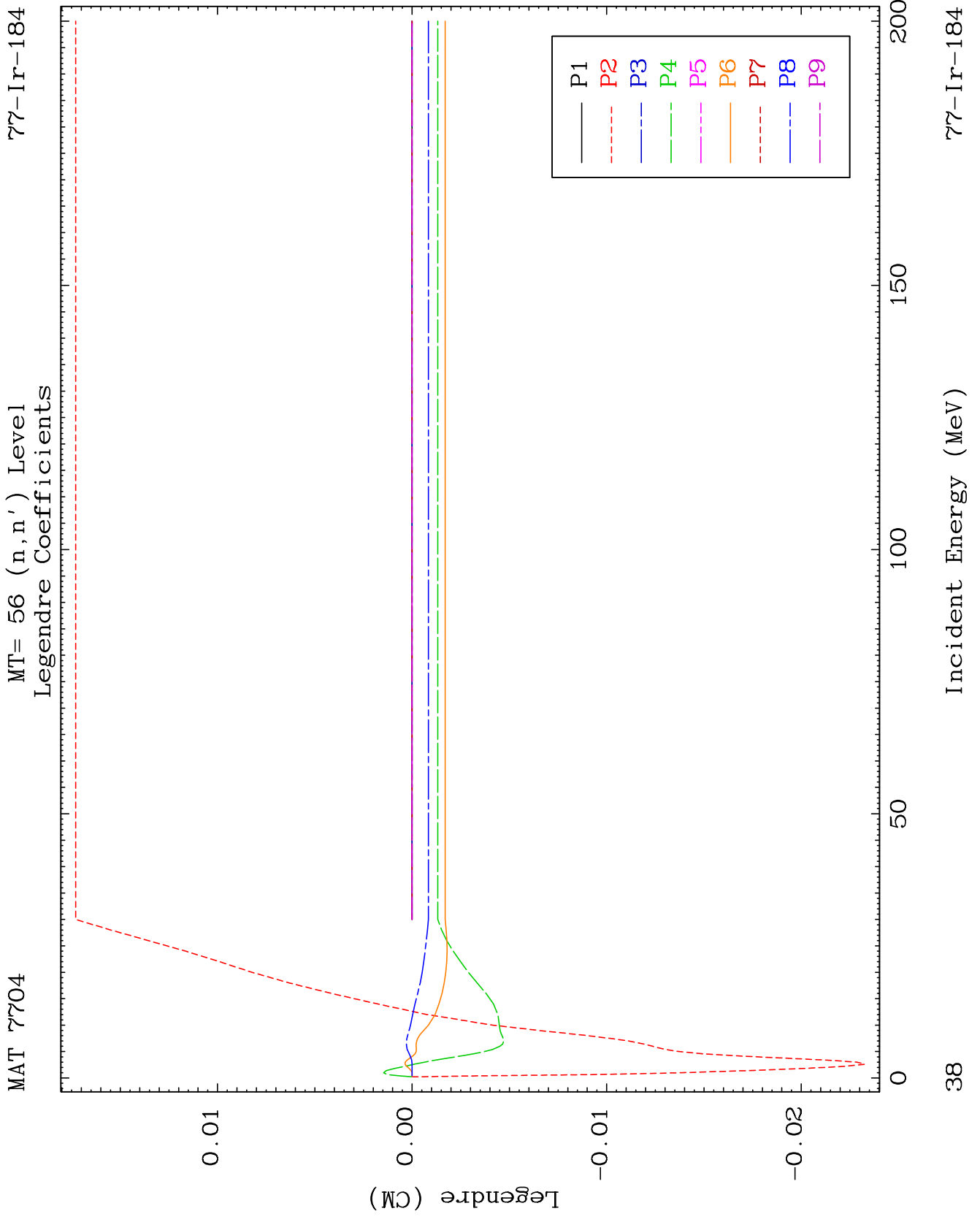
<sup>77</sup>Ir-184



37

Incident Energy (MeV)

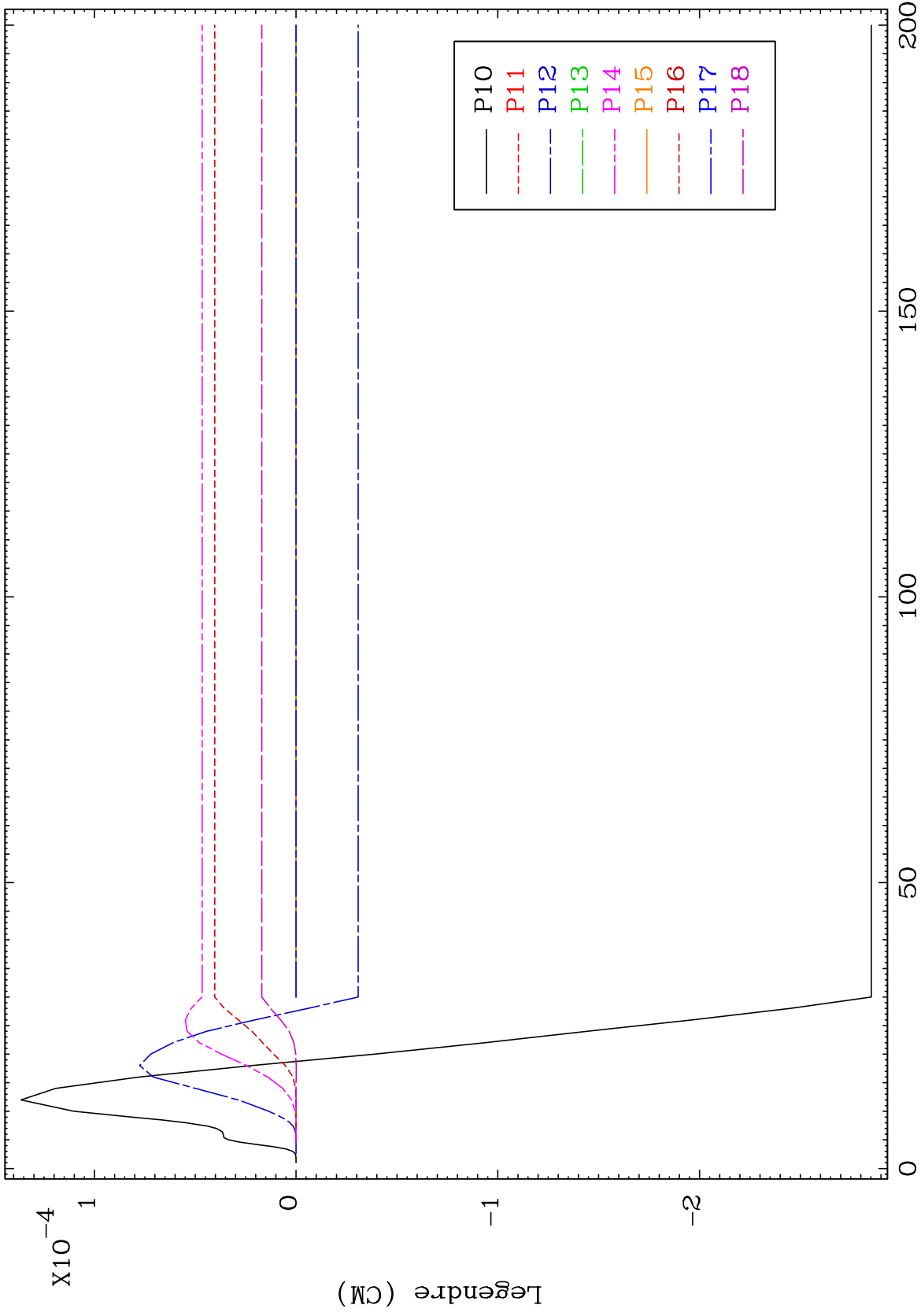
<sup>77</sup>Ir-184



MAT 7704

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

77-Ir-184



39

Incident Energy (MeV)

77-Ir-184



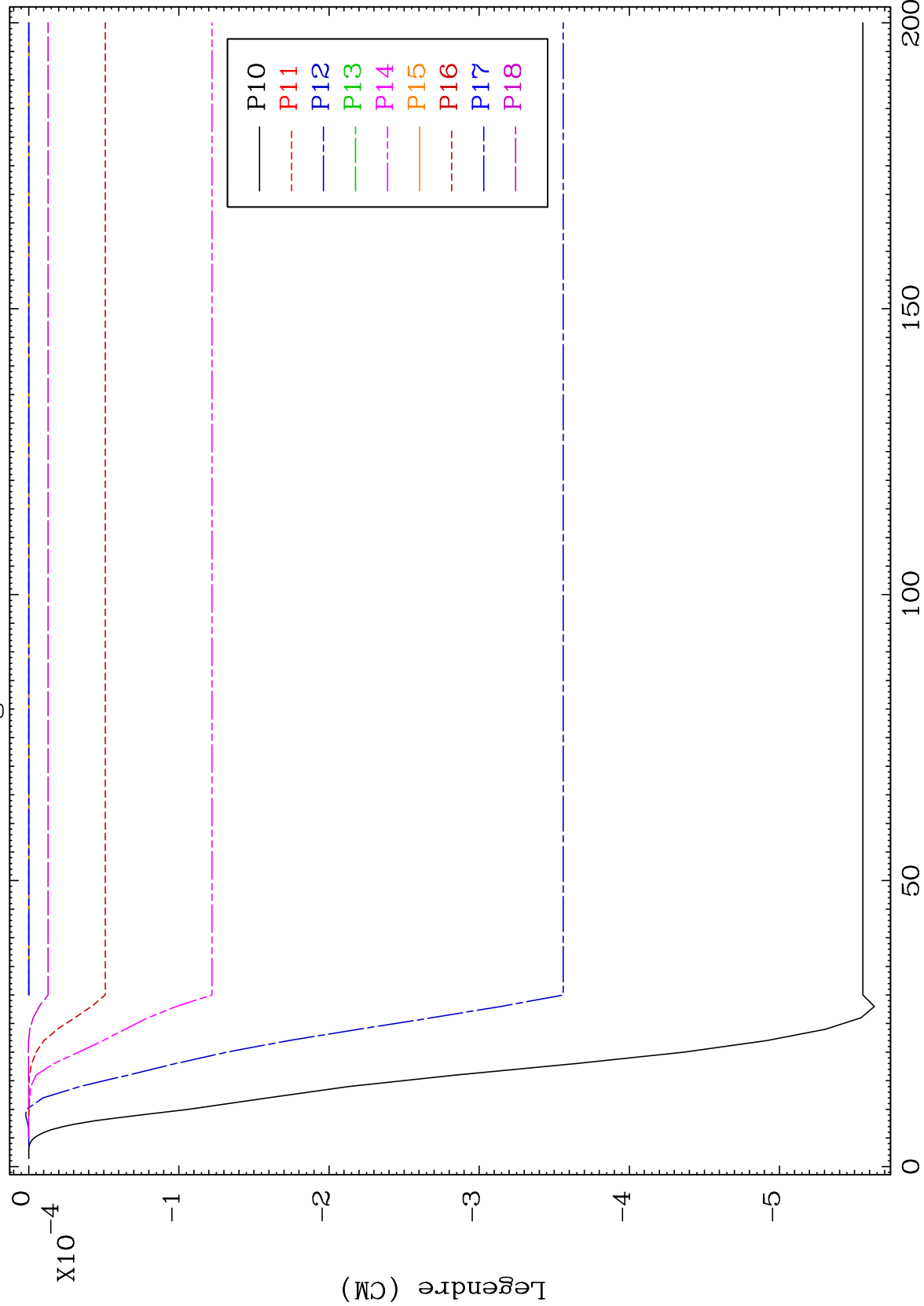




MAT 7704

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

77-Ir-184



42

Incident Energy (MeV)

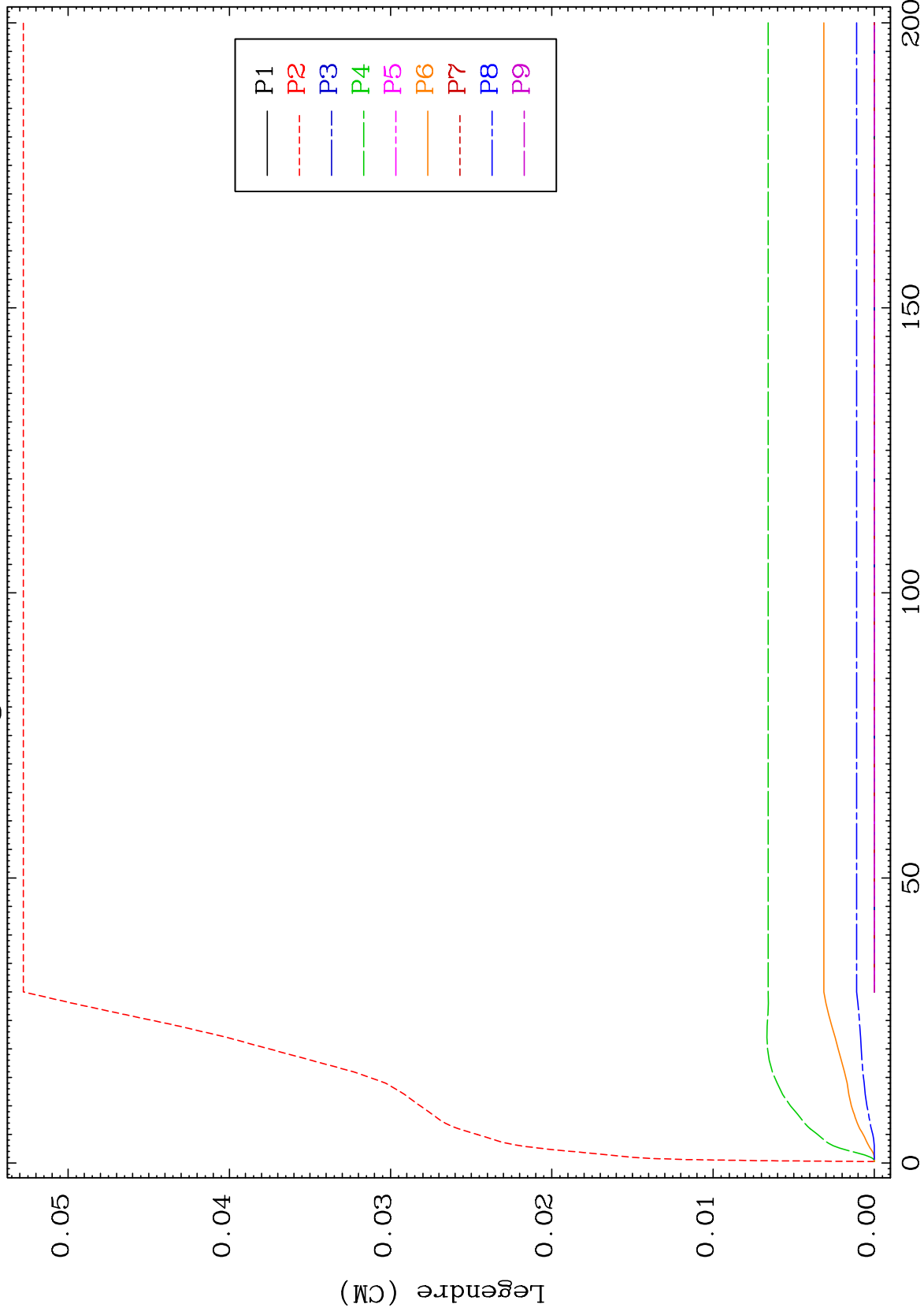
77-Ir-184



MAT 7704

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

77-Ir-184



44

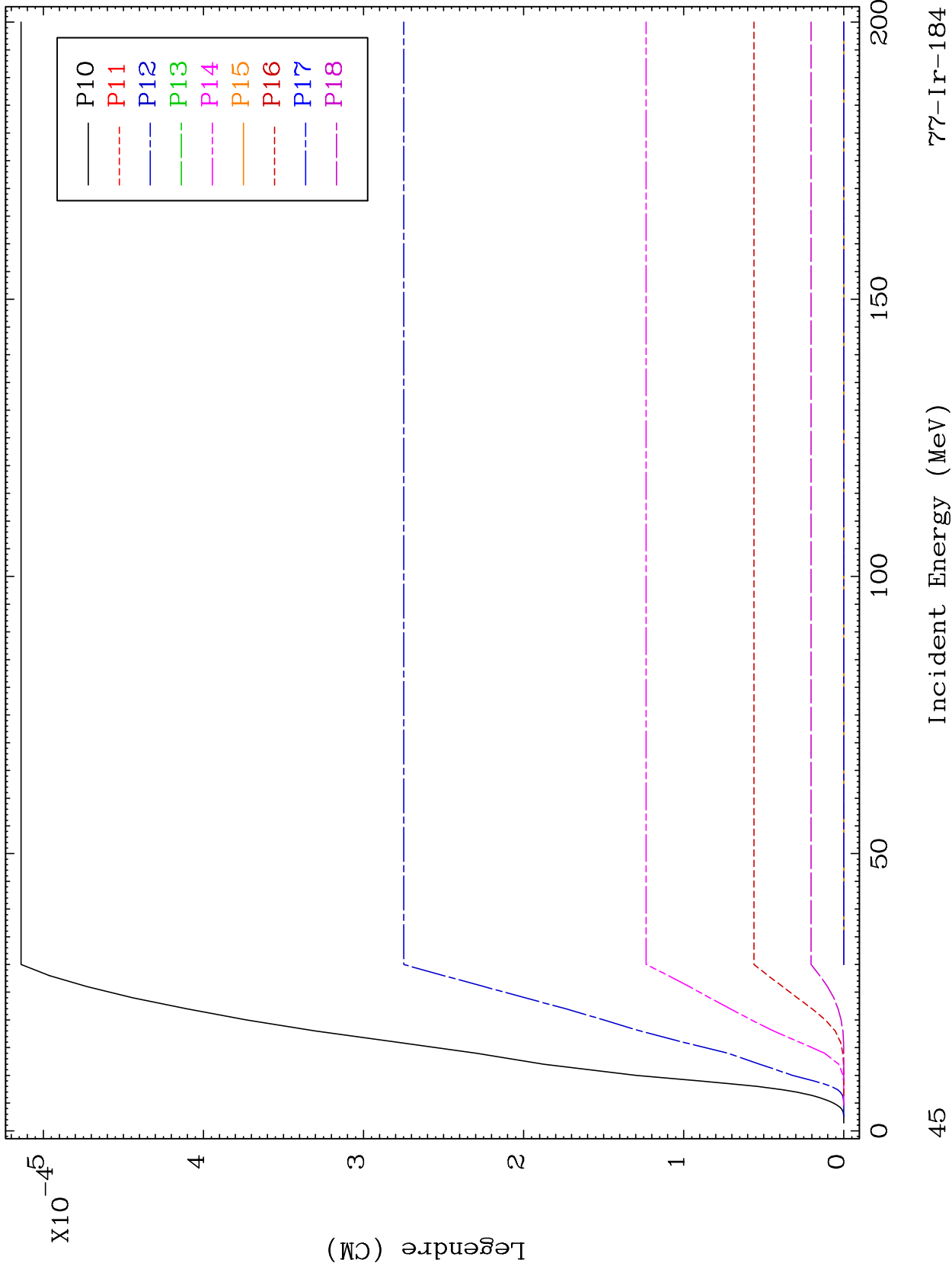
Incident Energy (MeV)

77-Ir-184

MAT 7704

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

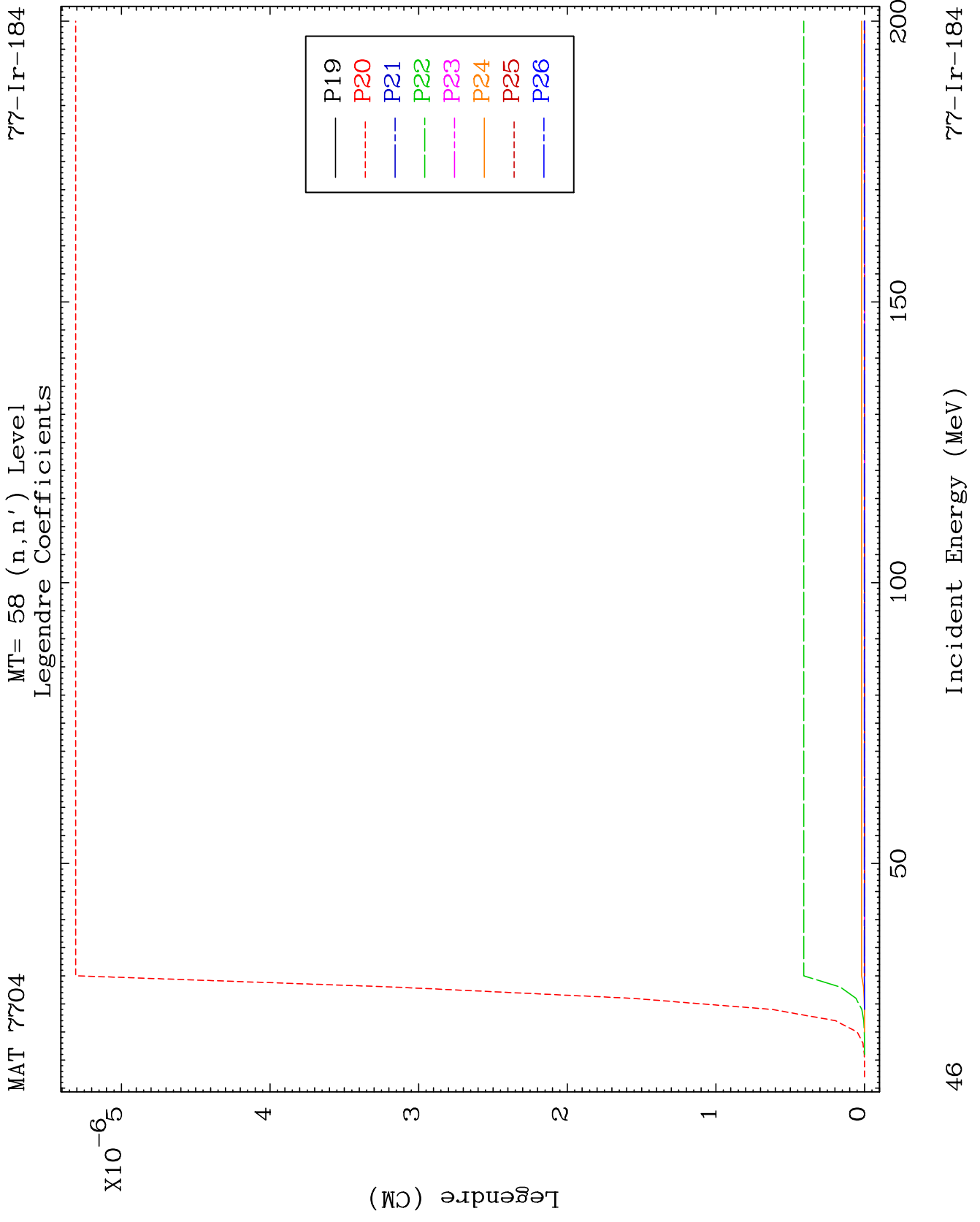
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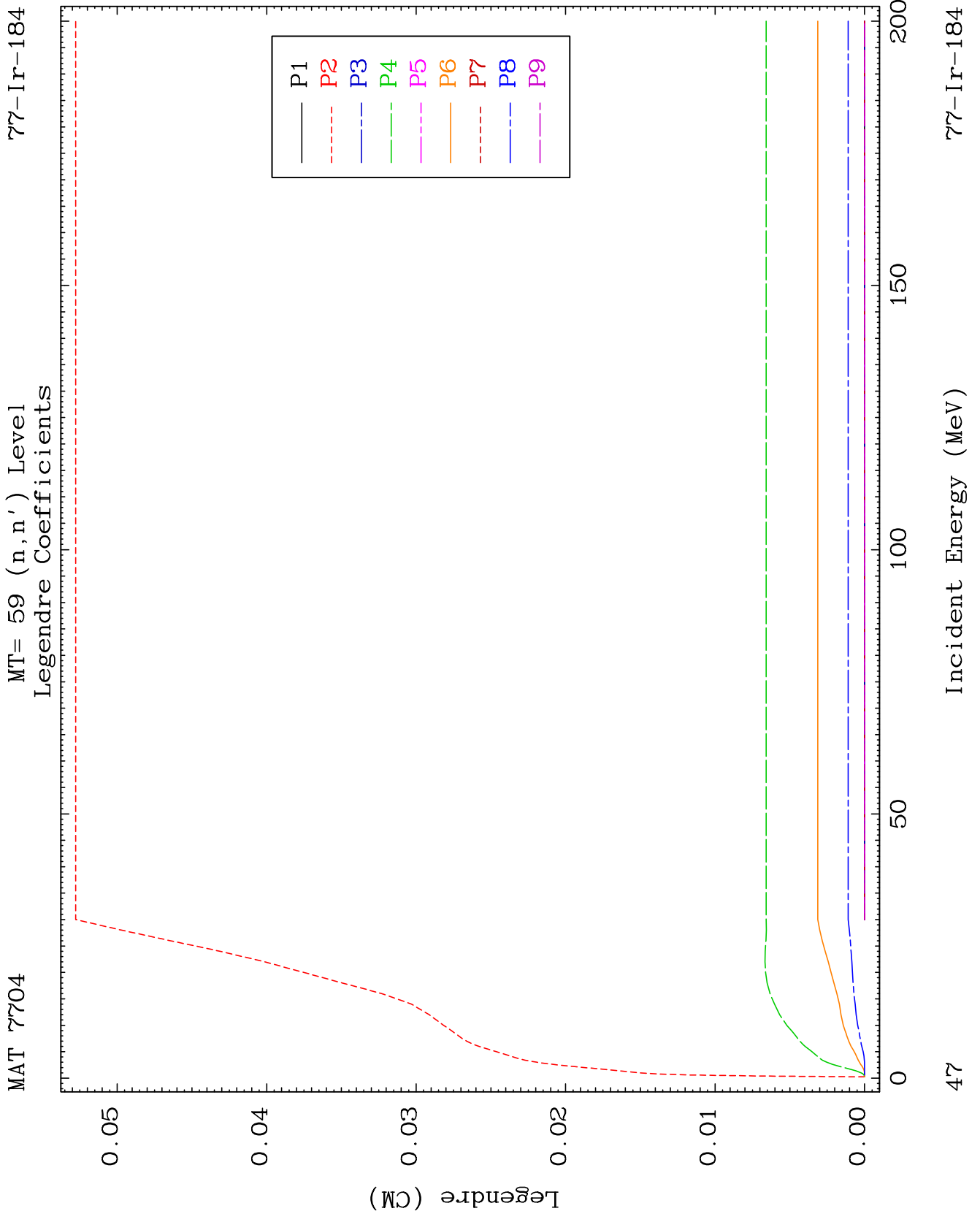


77-Ir-184

Incident Energy (MeV)

45



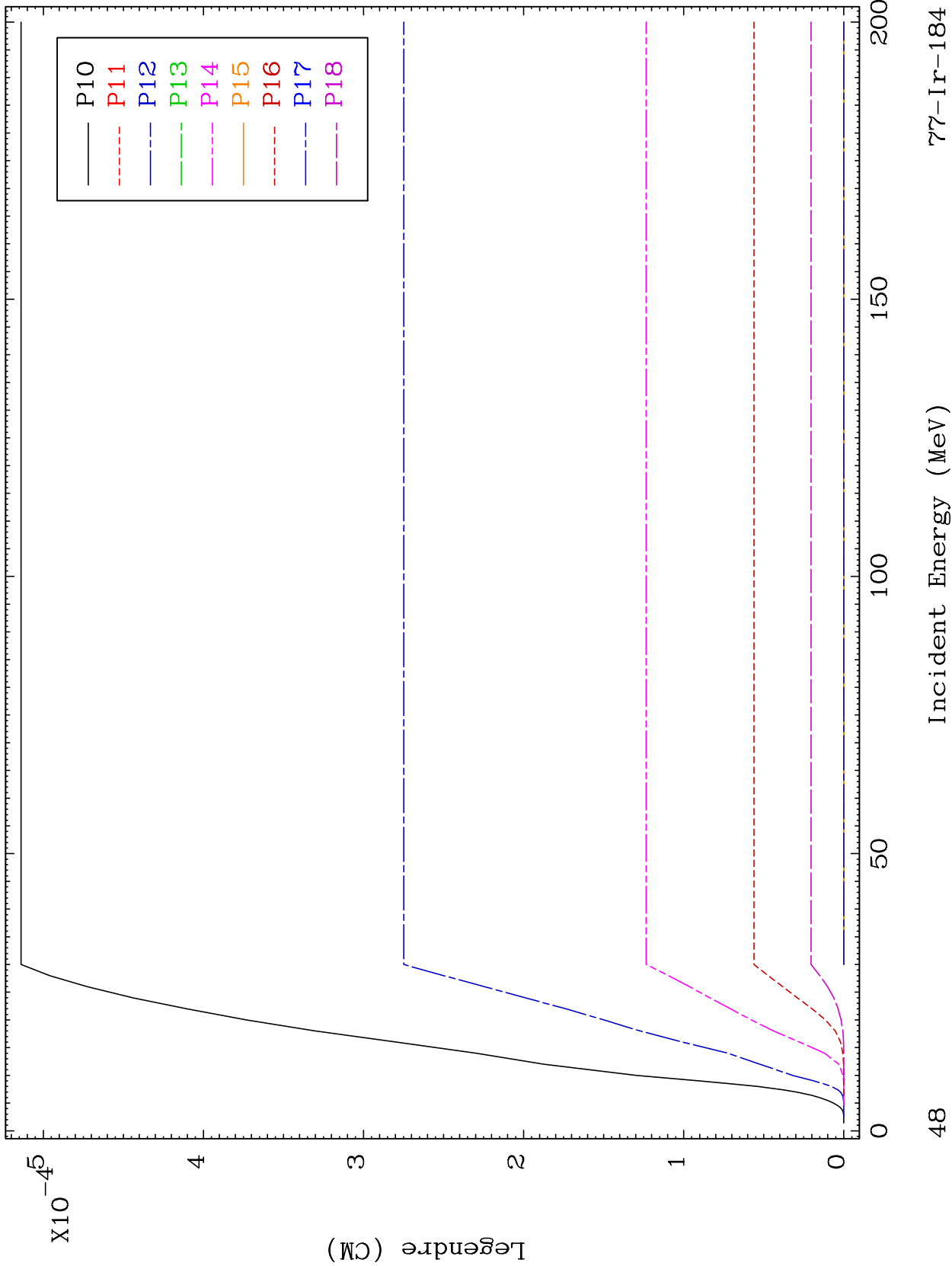




MAT 7704

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

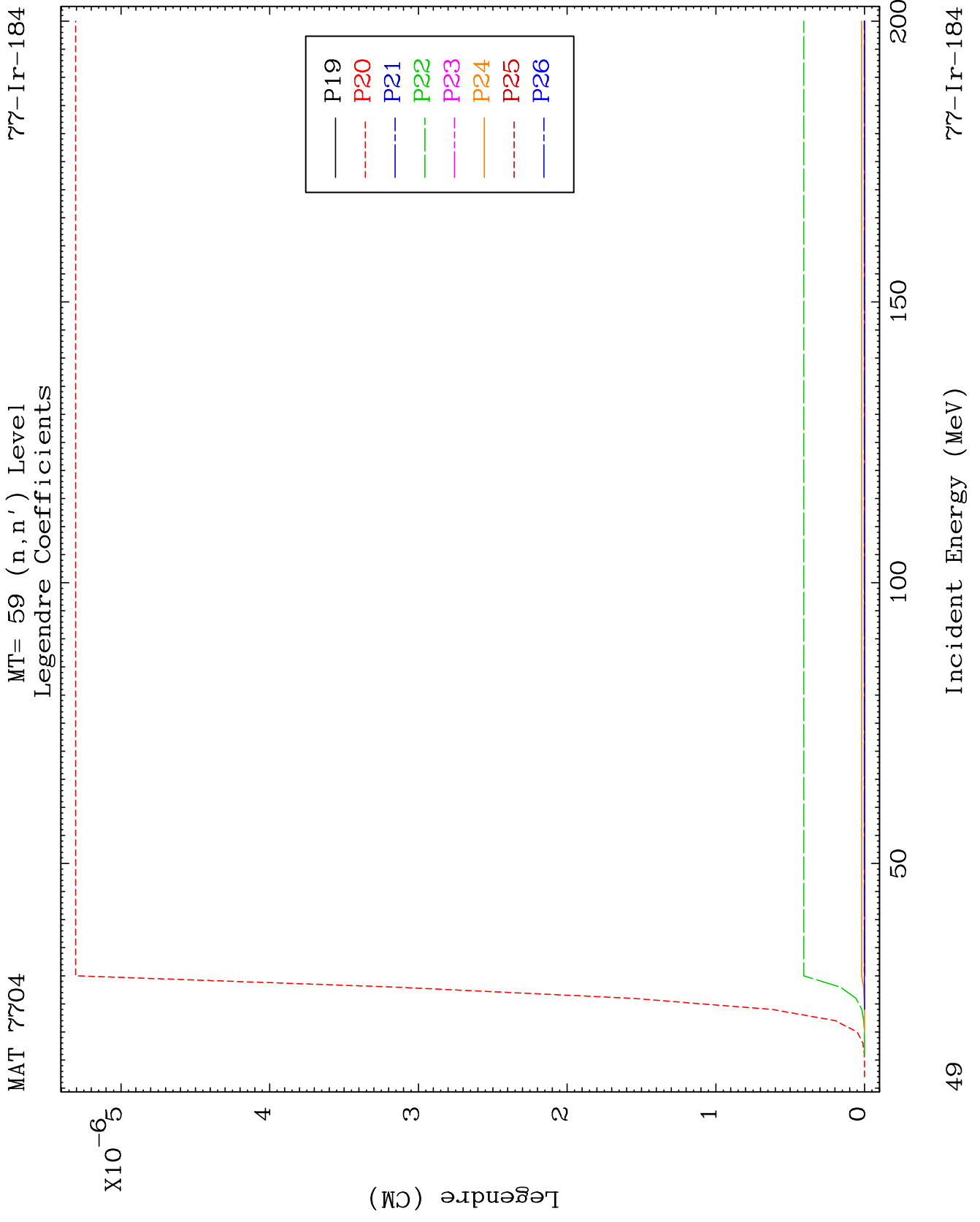
77-Ir-184



77-Ir-184

Incident Energy (MeV)

48

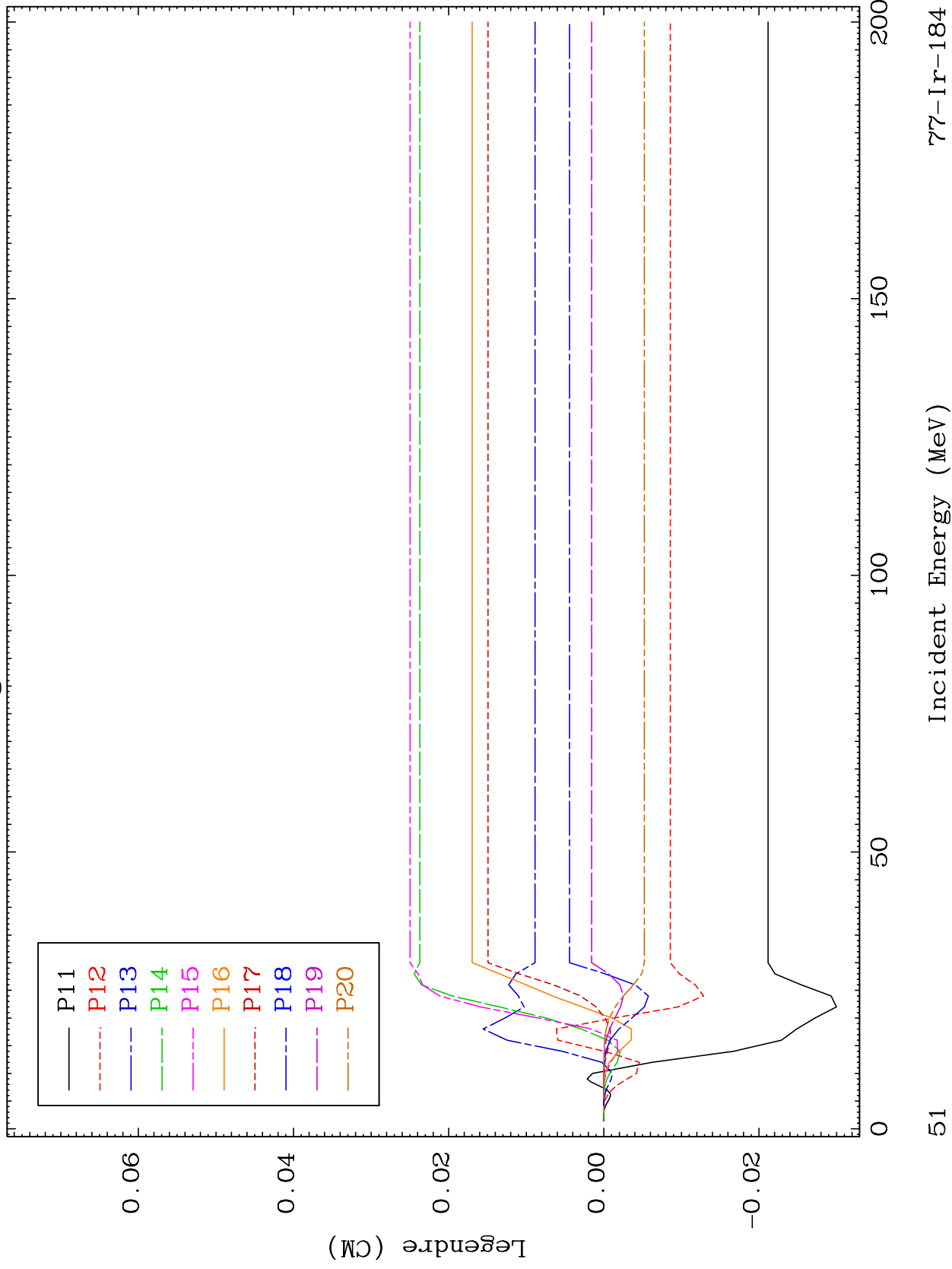




MAT 7704

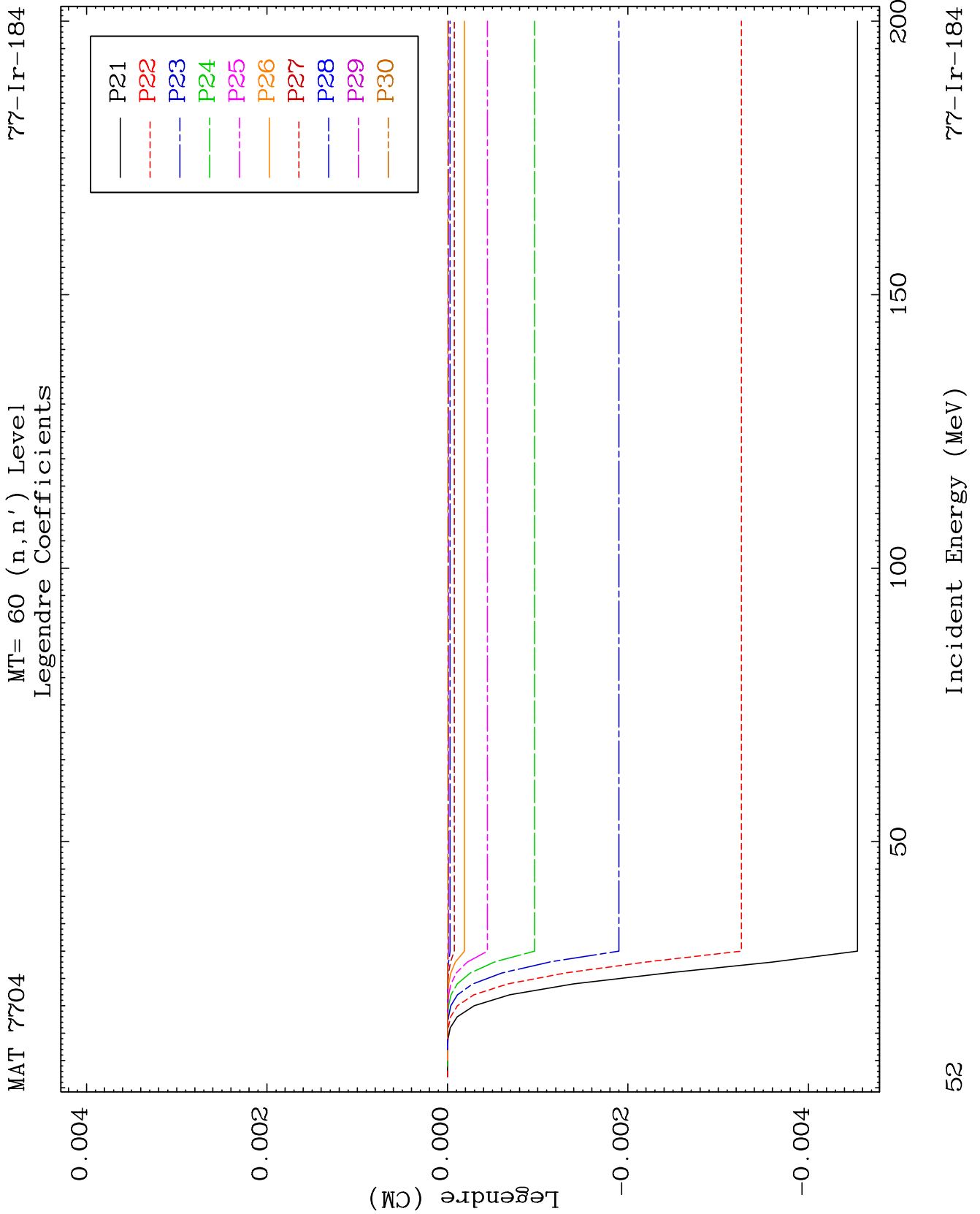
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Legendre Coefficients

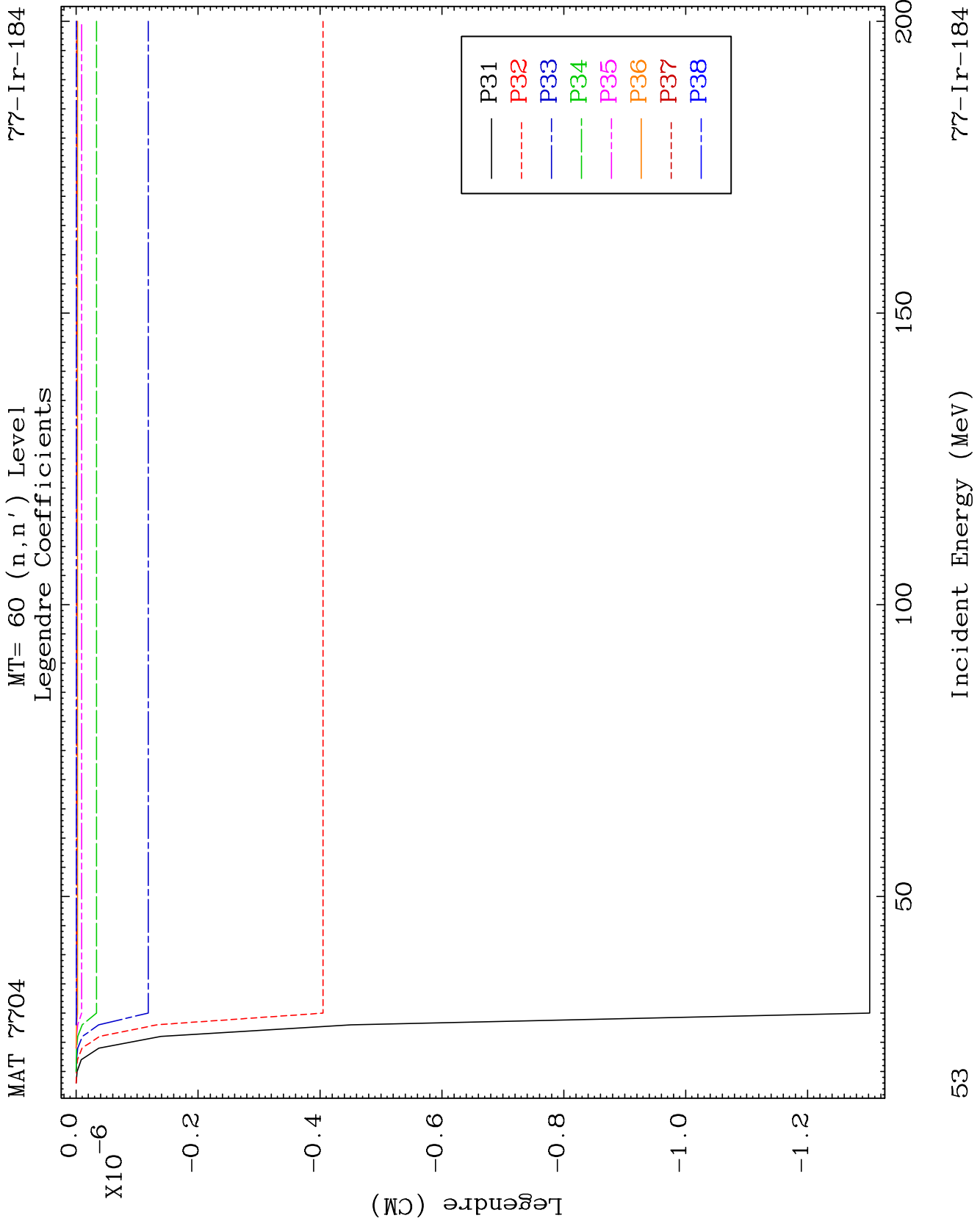
77-Ir-184

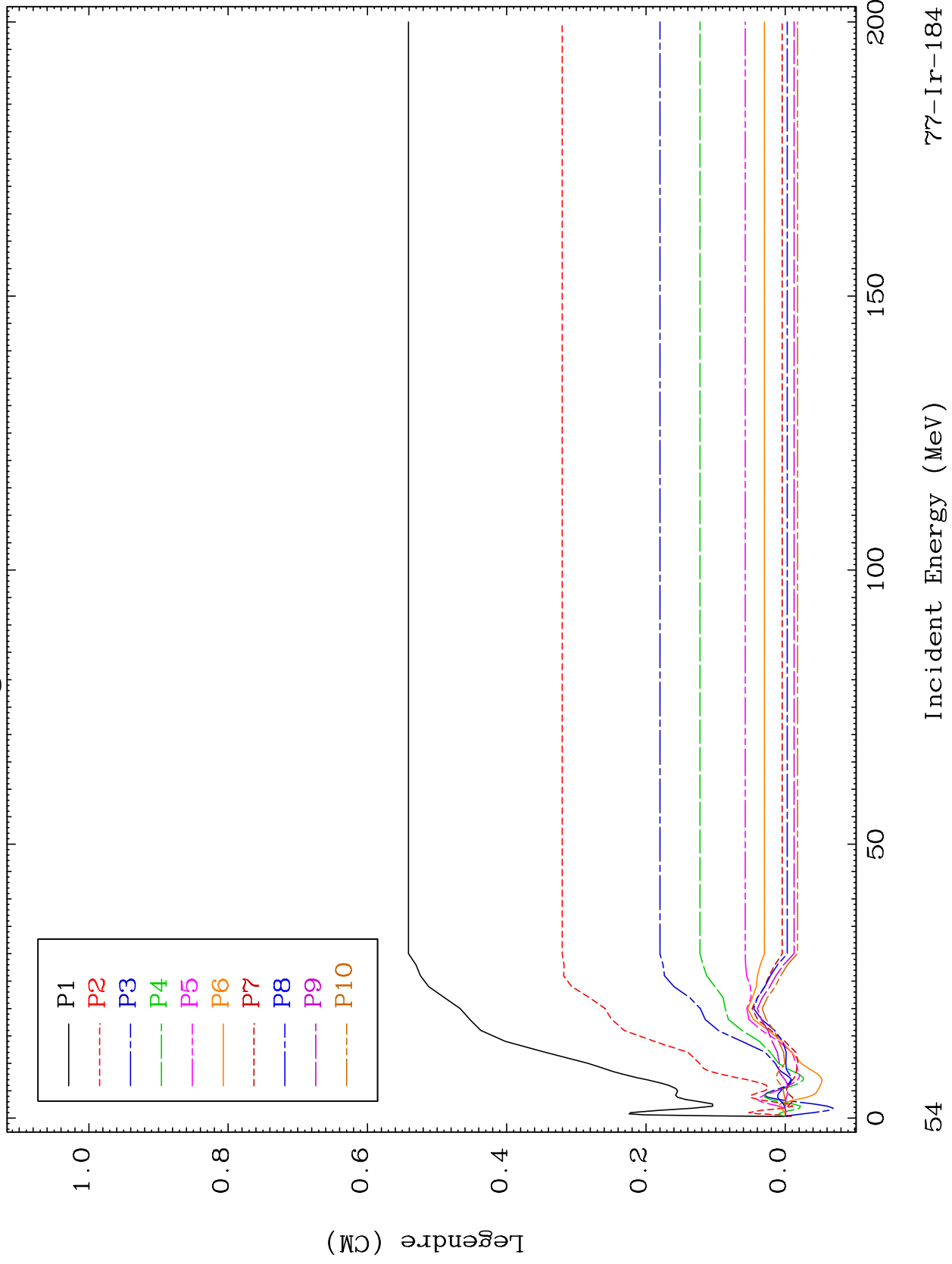


51

77-Ir-184



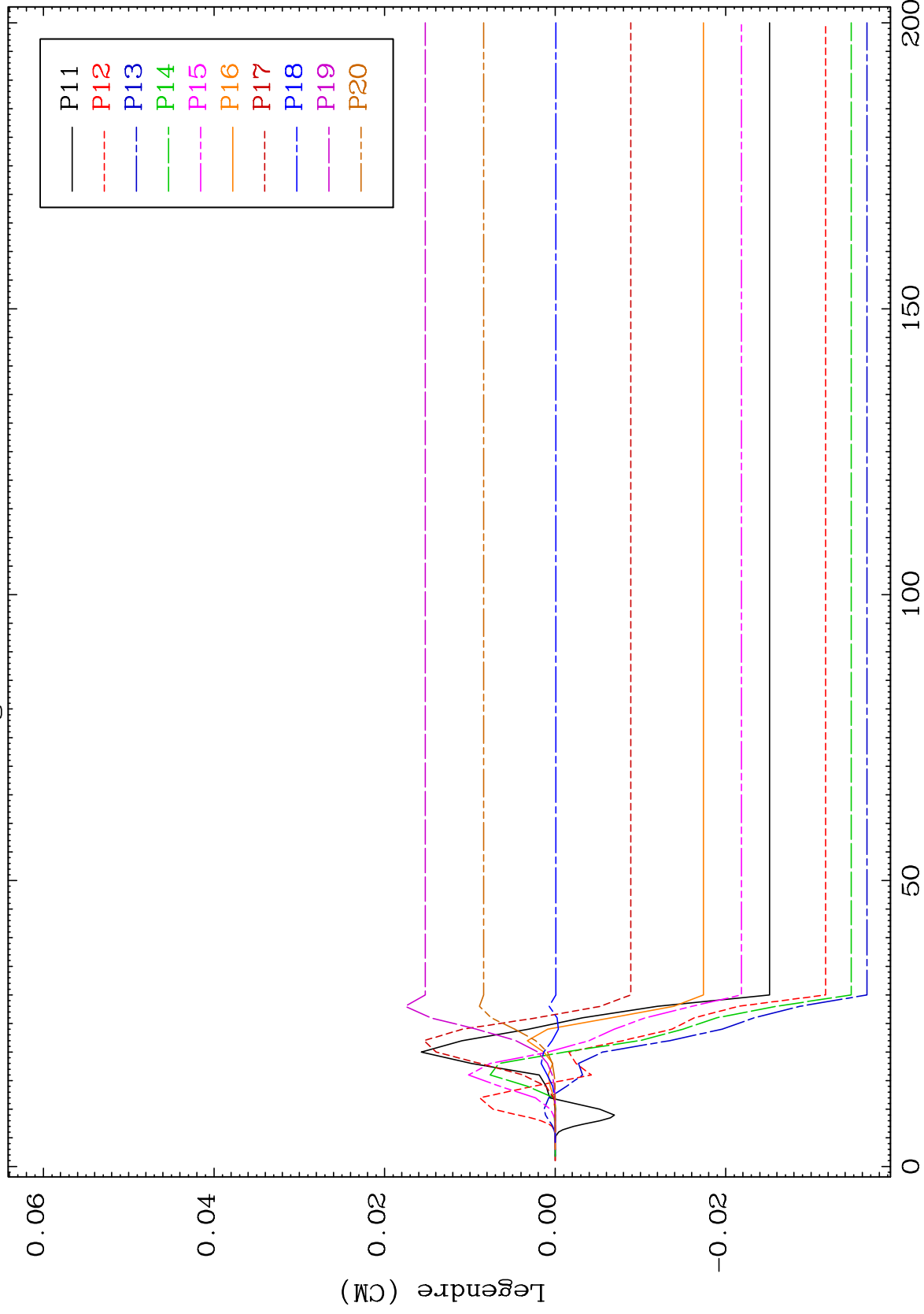




MAT 7704

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

77-Ir-184



55

Incident Energy (MeV)

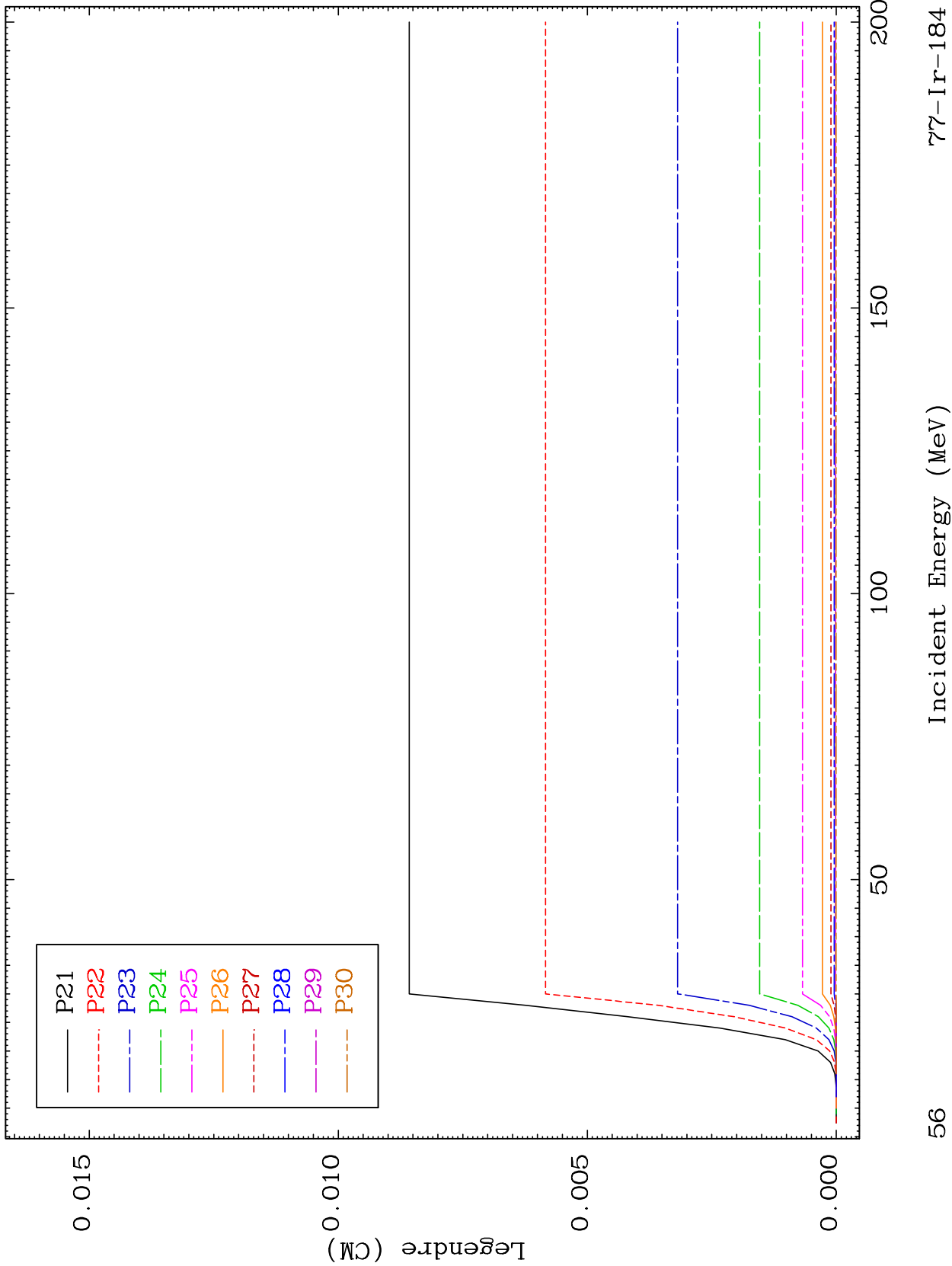
77-Ir-184



MAT 7704

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

77-Ir-184



56

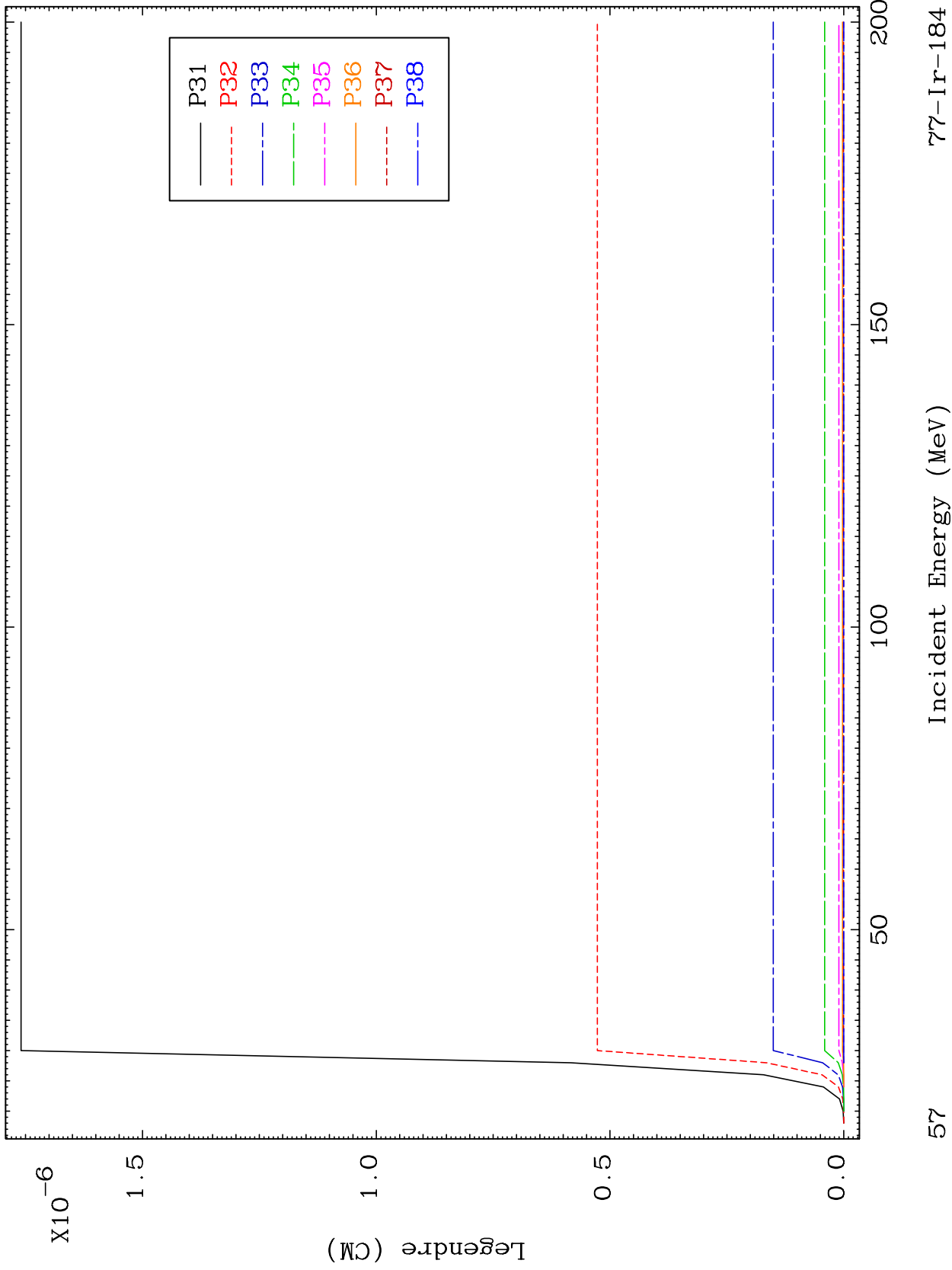
Incident Energy (MeV)

77-Ir-184

MAT 7704

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

77-Ir-184



57

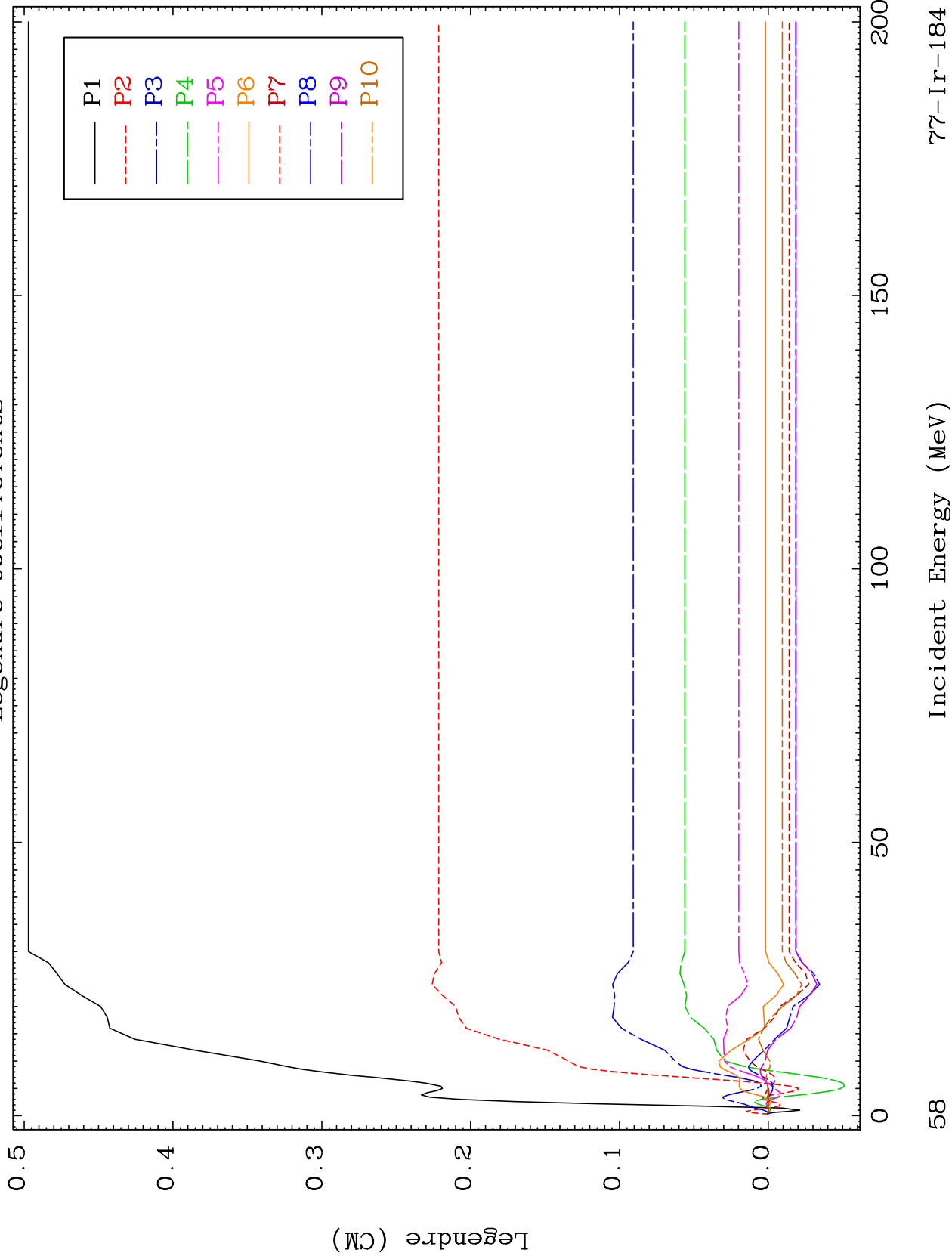
Incident Energy (MeV)

77-Ir-184

MAT 7704

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

77-Ir-184



77-Ir-184

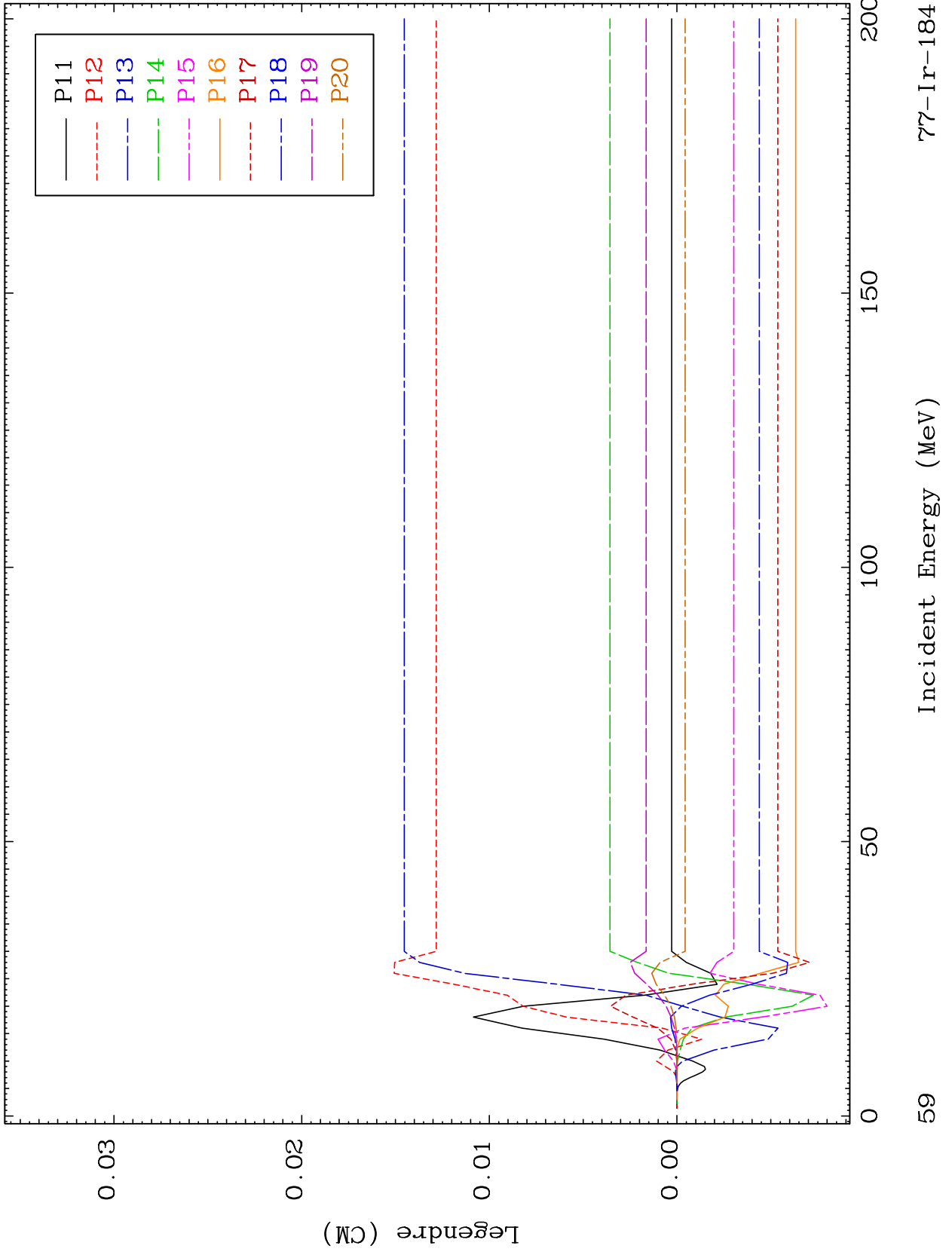
Incident Energy (MeV)

58

MAT 7704

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

77-Ir-184



77-Ir-184

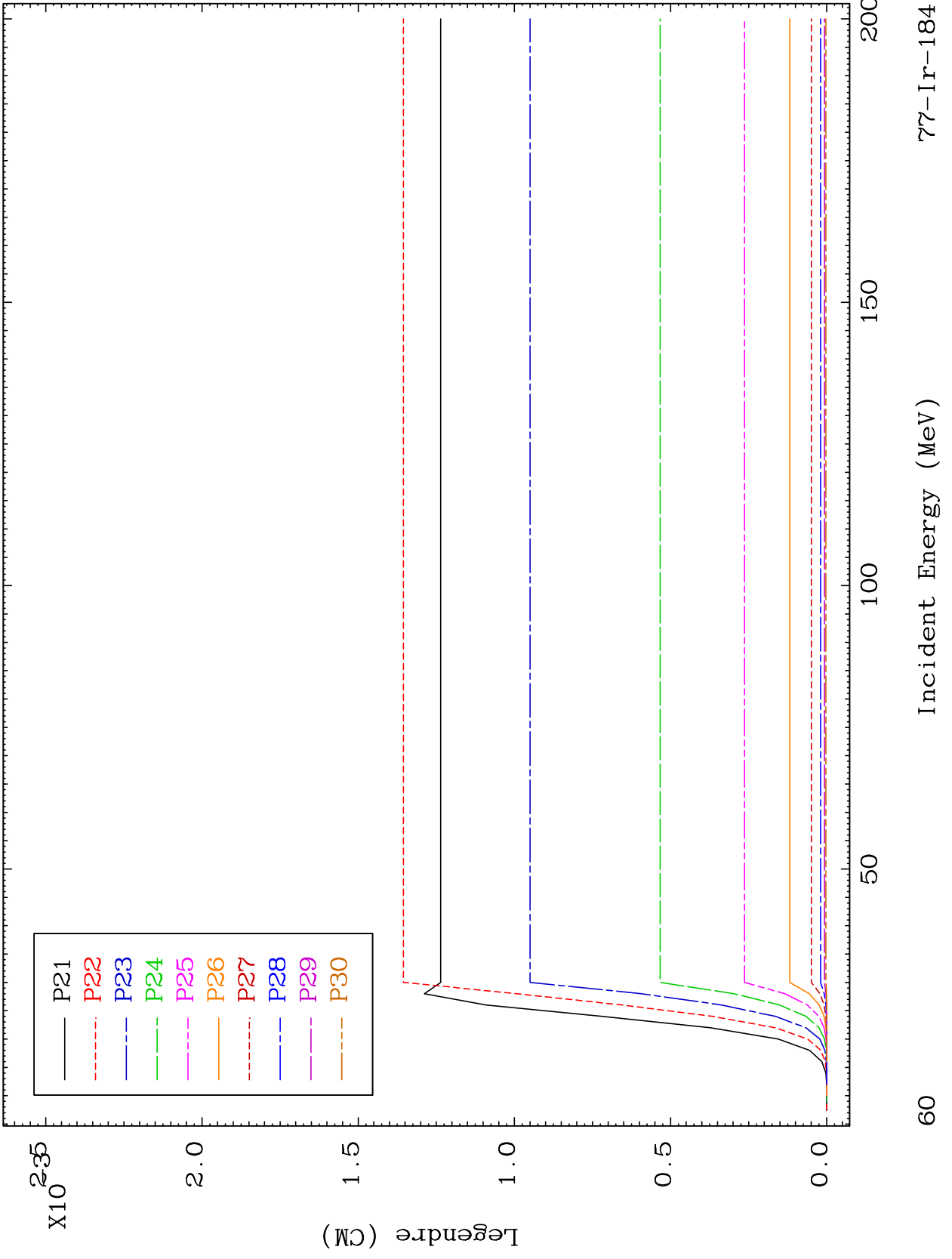
Incident Energy (MeV)

59

MAT 7704

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

77-Ir-184



60

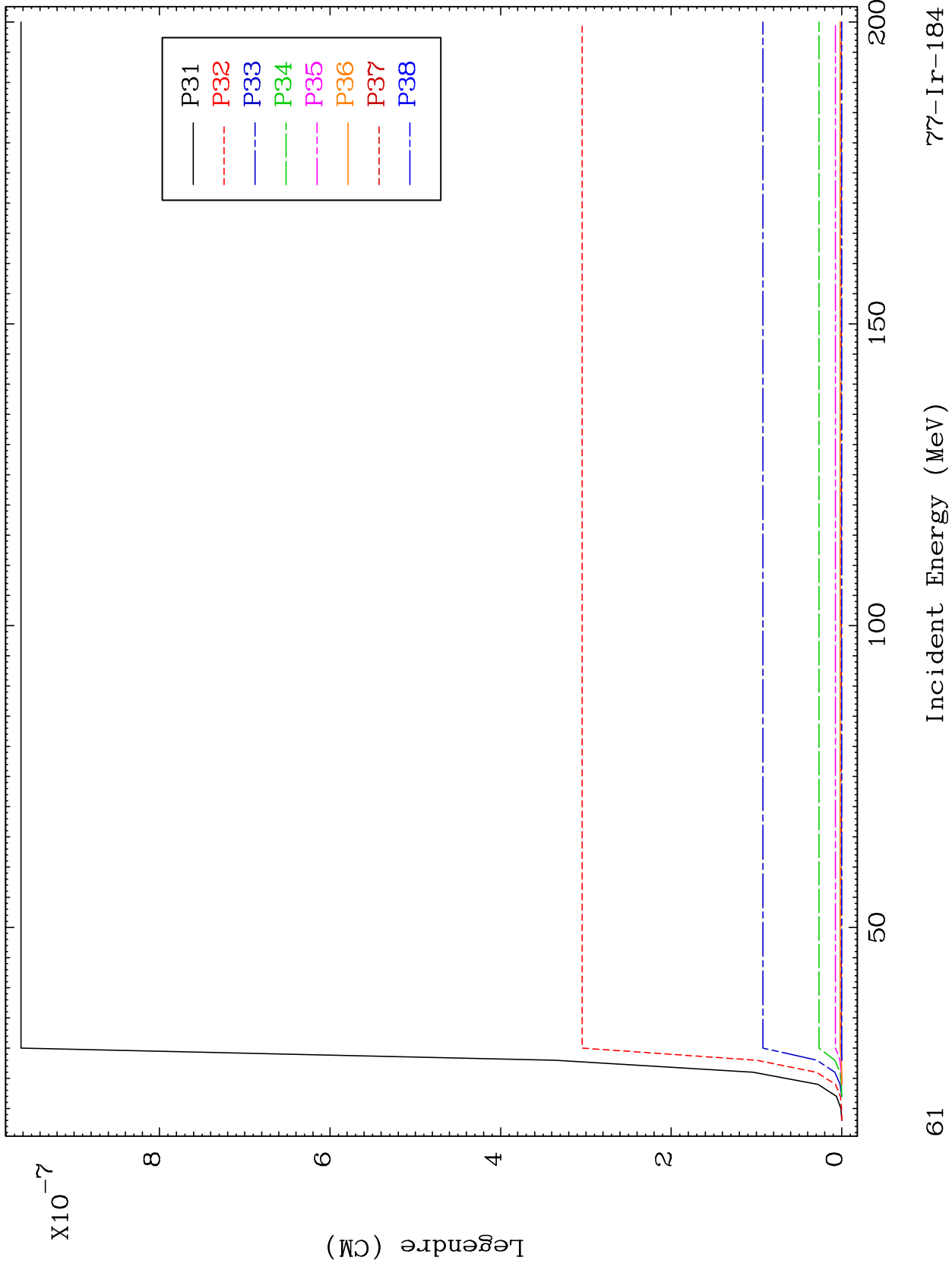
Incident Energy (MeV)

77-Ir-184

MAT 7704

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

77-Ir-184



61

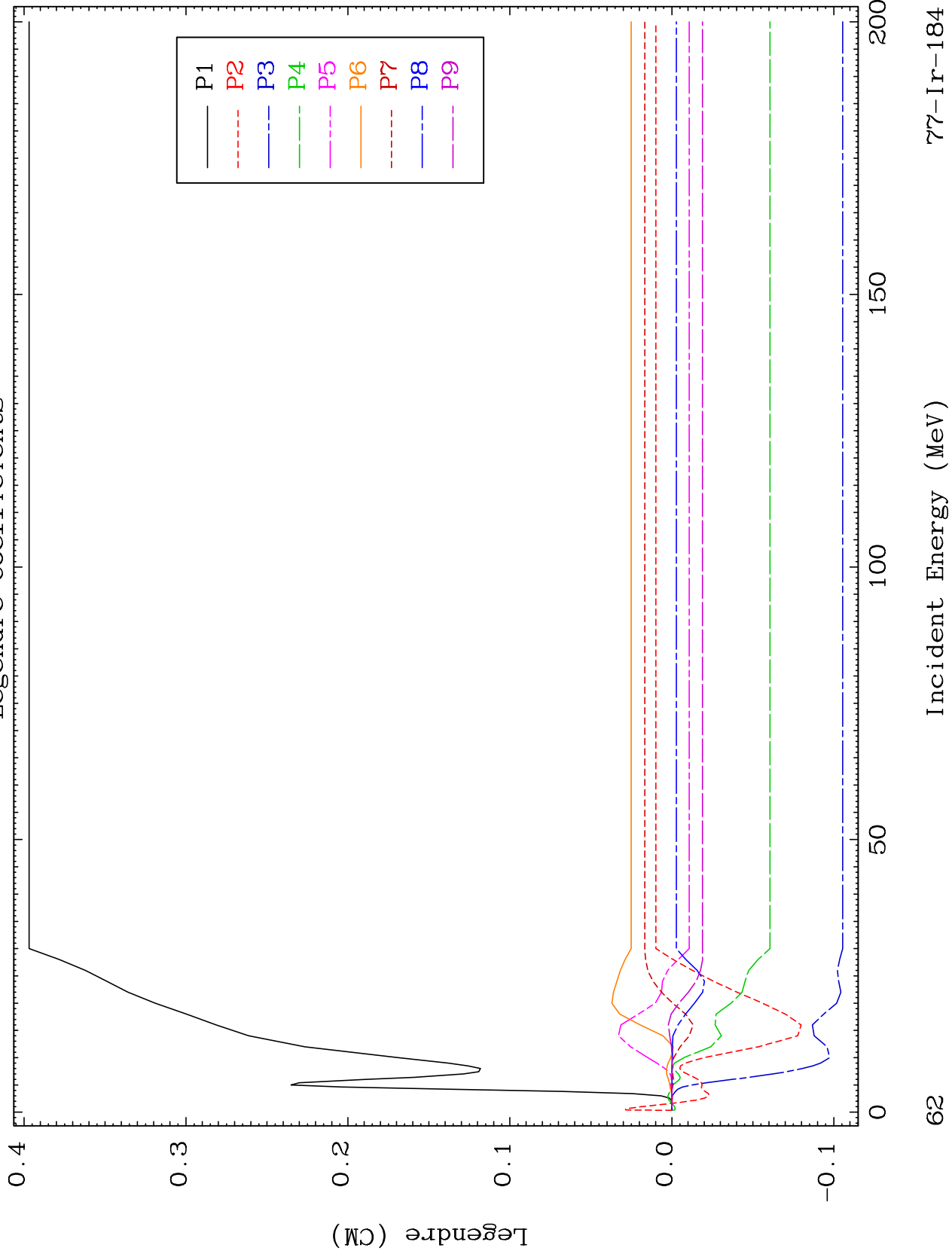
Incident Energy (MeV)

77-Ir-184

MAT 7704

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

77-Ir-184



77-Ir-184

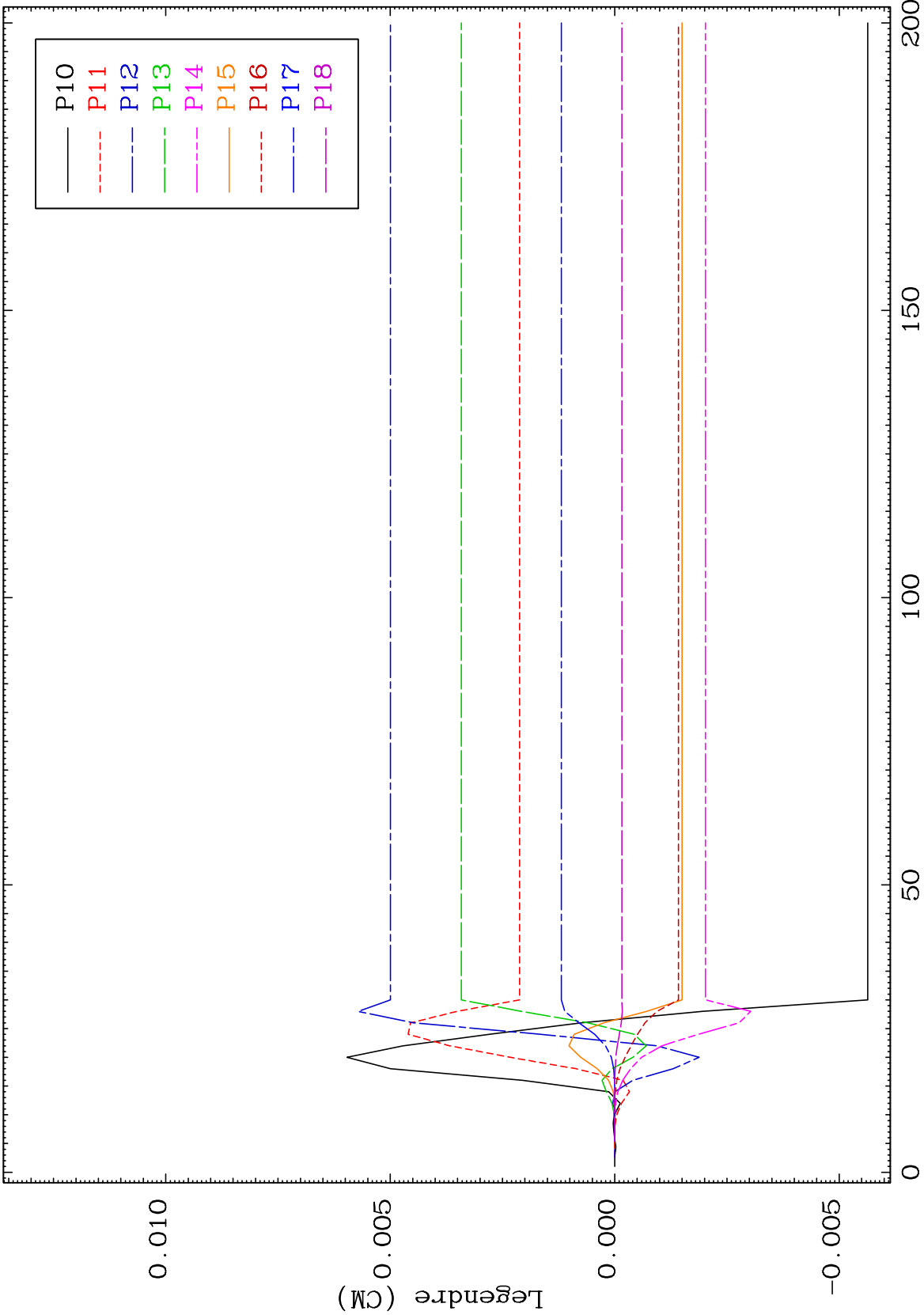
Incident Energy (MeV)

62

MAT 7704

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

77-Ir-184



63

Incident Energy (MeV)

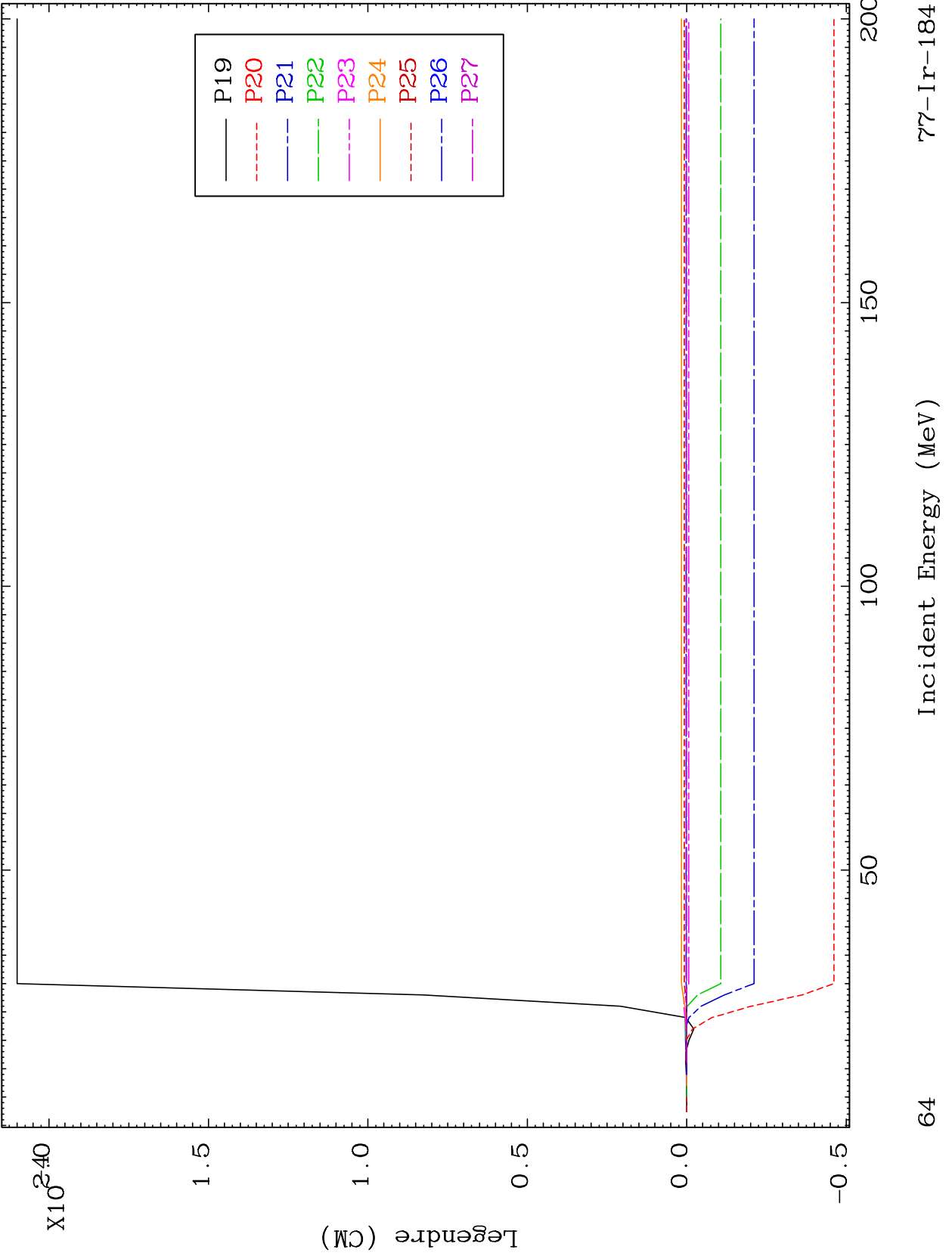
77-Ir-184



MAT 7704

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

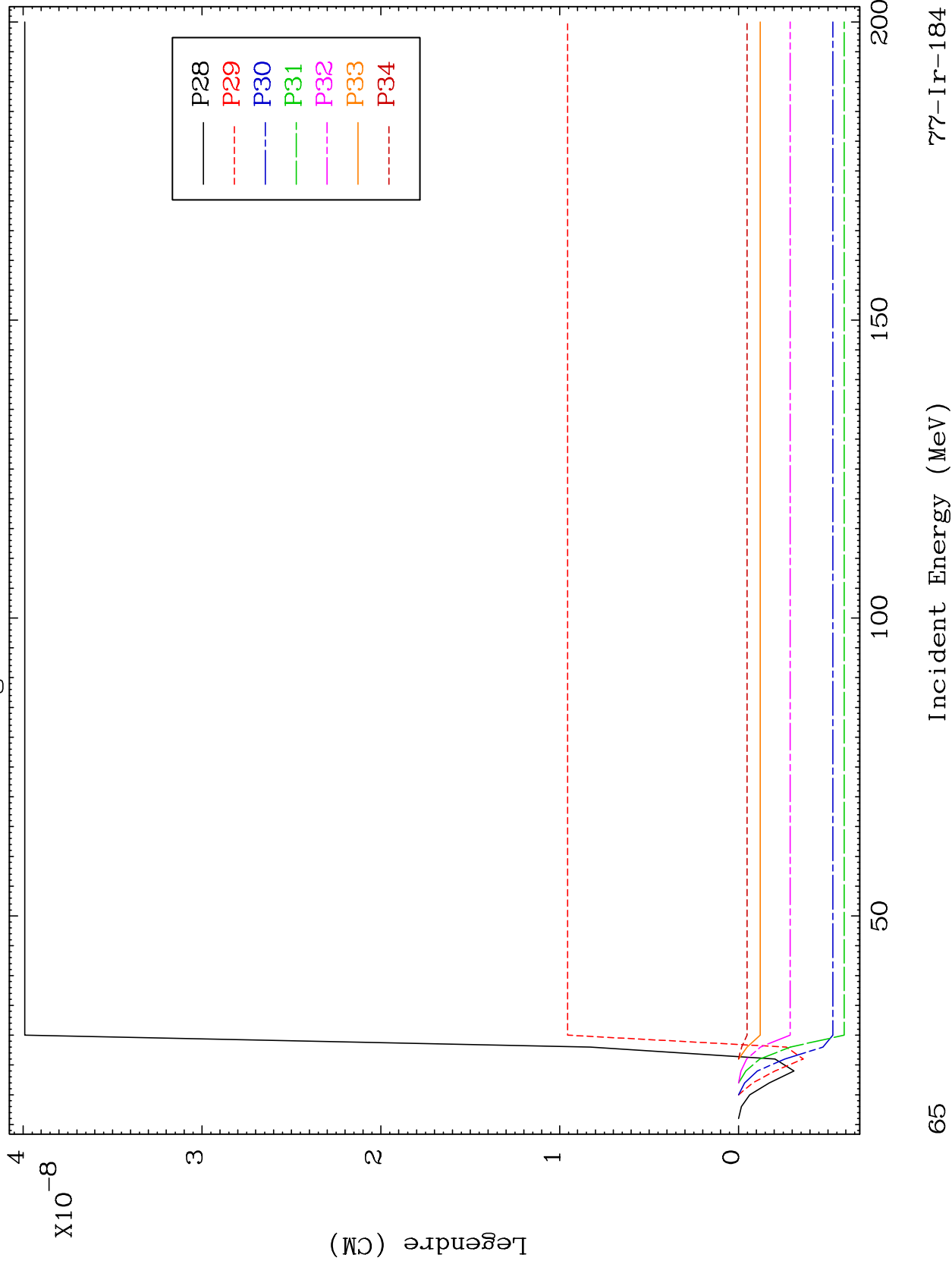
77-Ir-184



MAT 7704

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

77-Ir-184



65

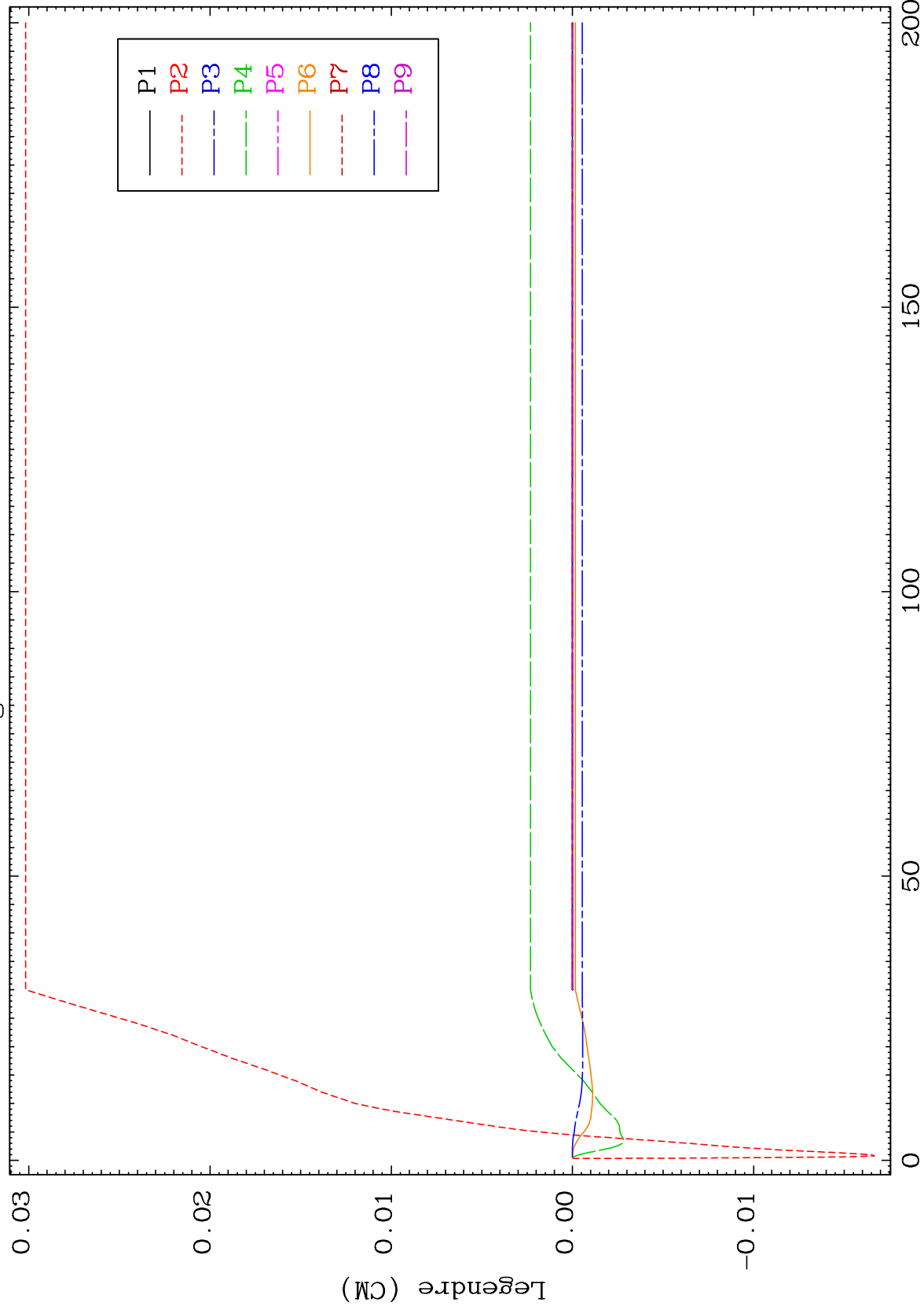
Incident Energy (MeV)

77-Ir-184

MAT 7704

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

77-Ir-184



66

Incident Energy (MeV)

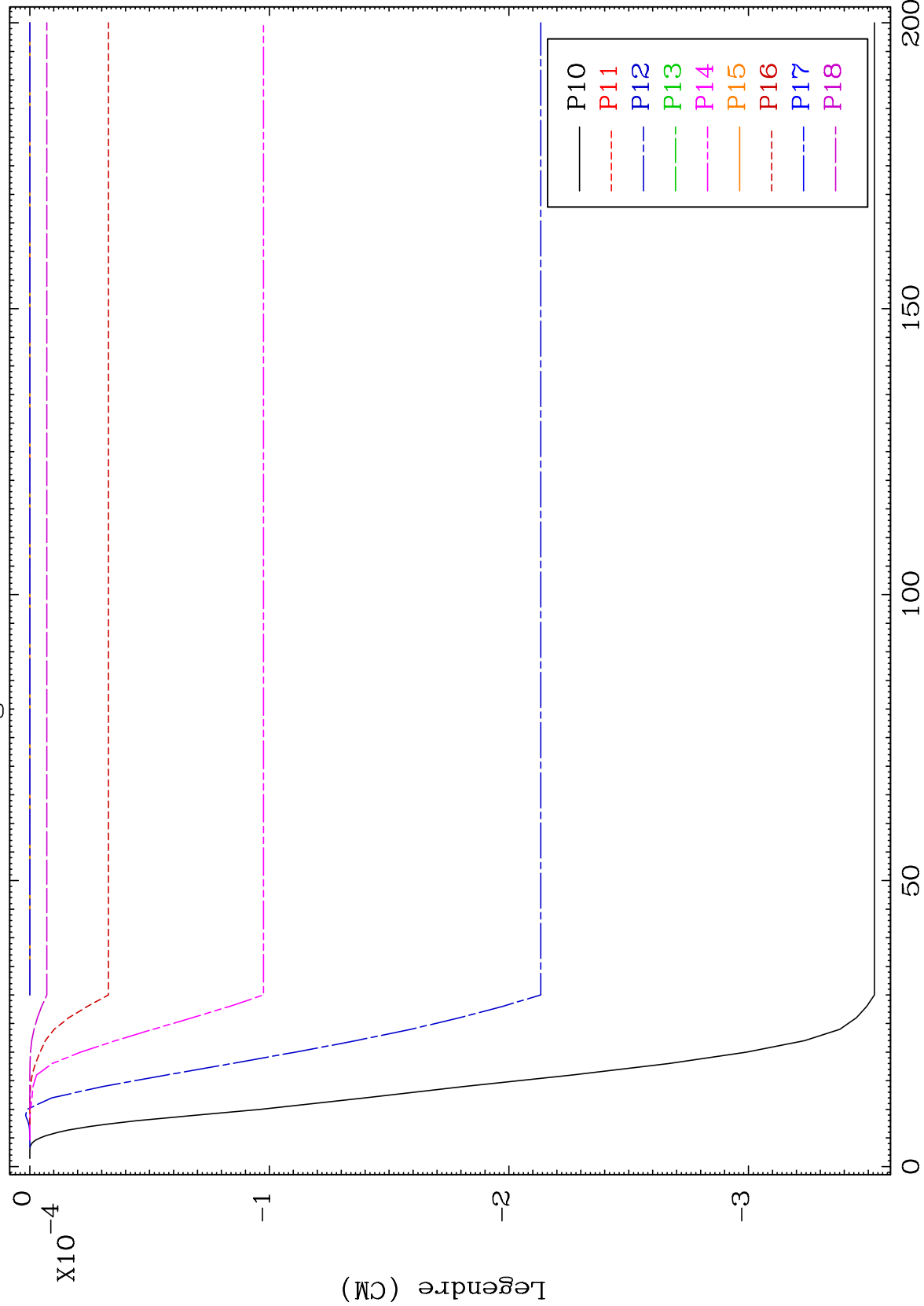
77-Ir-184

MAT 7704

MT= 64 (n,n') Level

77-Ir-184

Legendre Coefficients



77-Ir-184

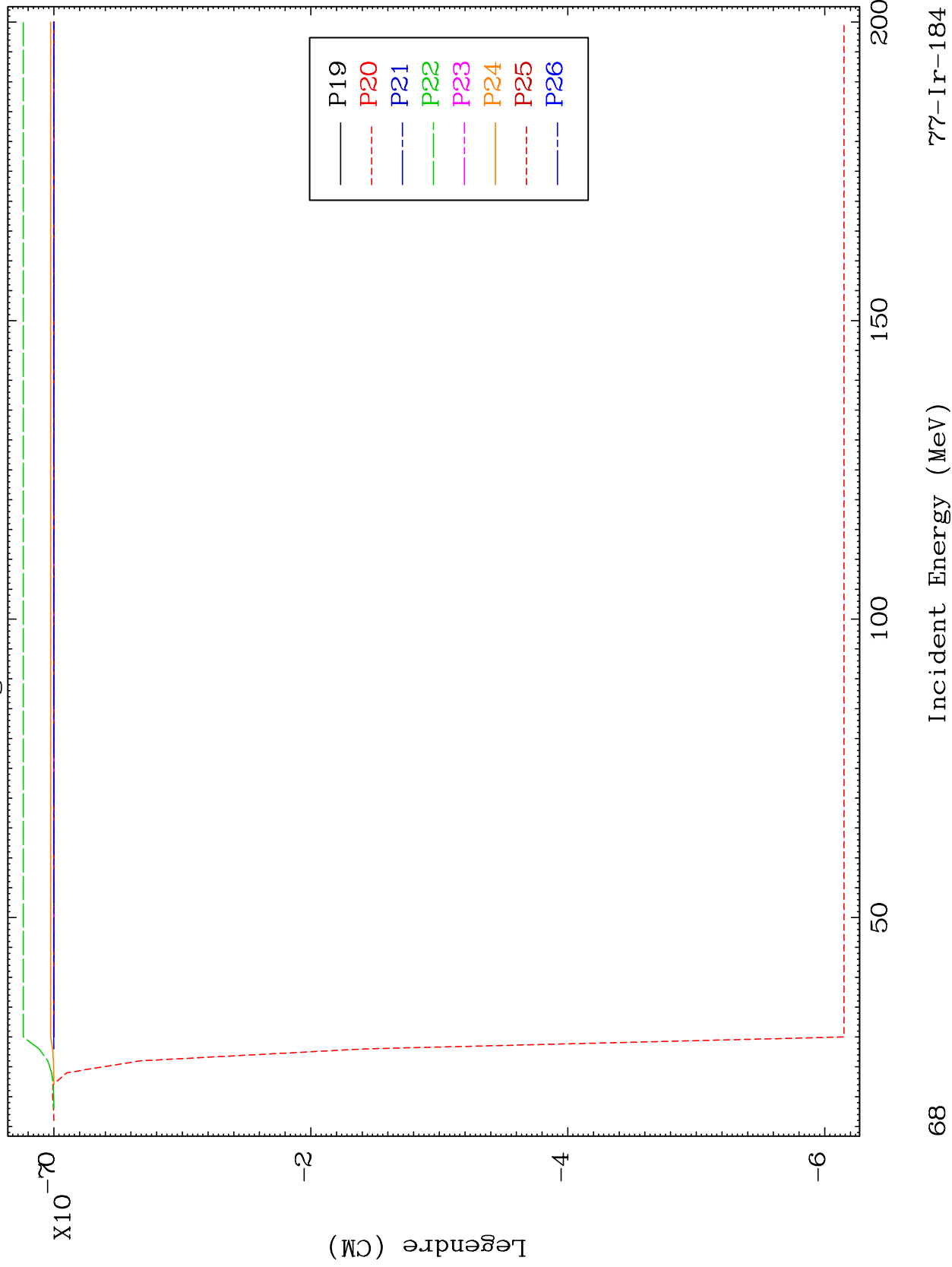
Incident Energy (MeV)

67

MAT 7704

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

77-Ir-184

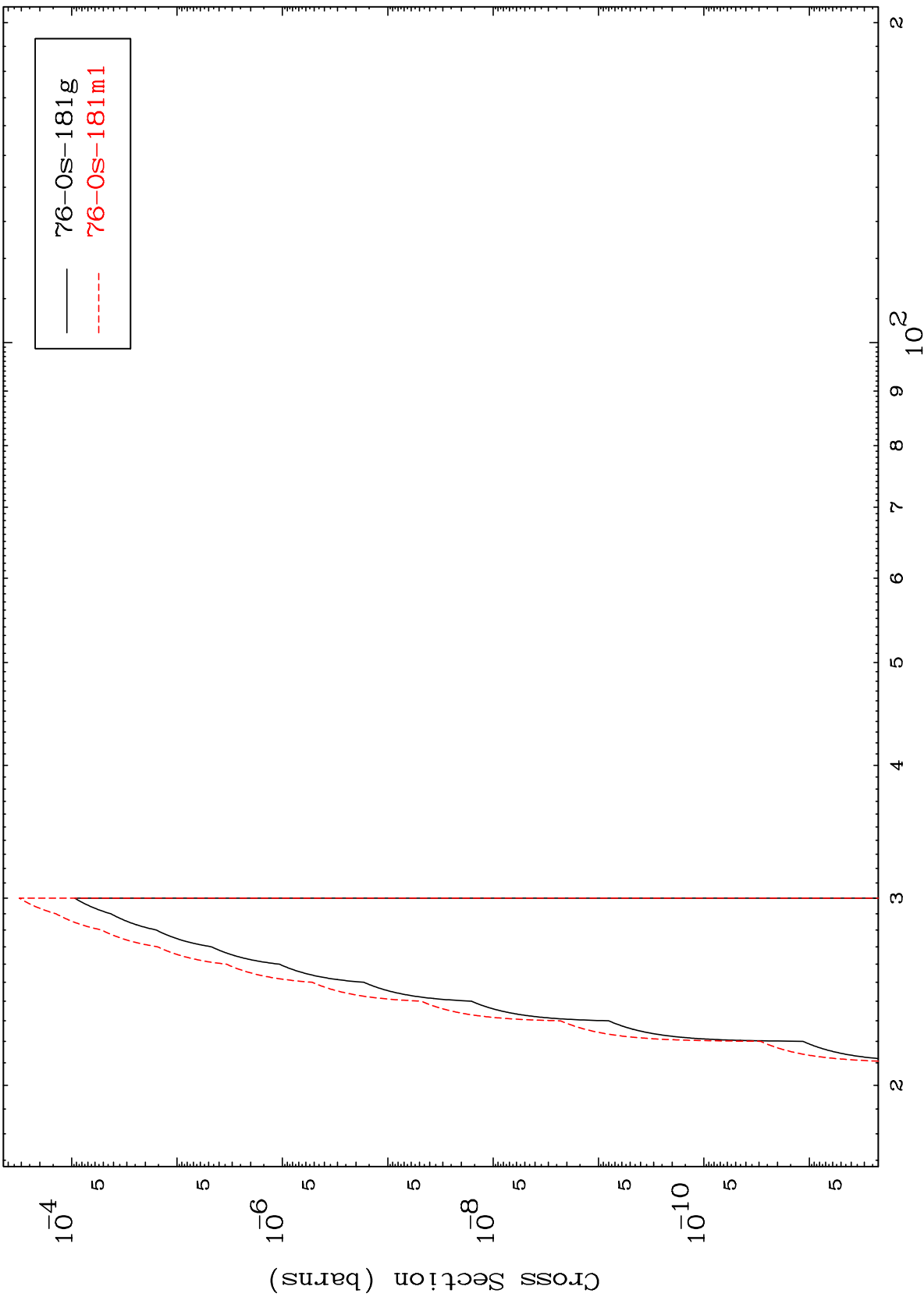


68

Incident Energy (MeV)

77-Ir-184

Radionuclide Production Cross Section



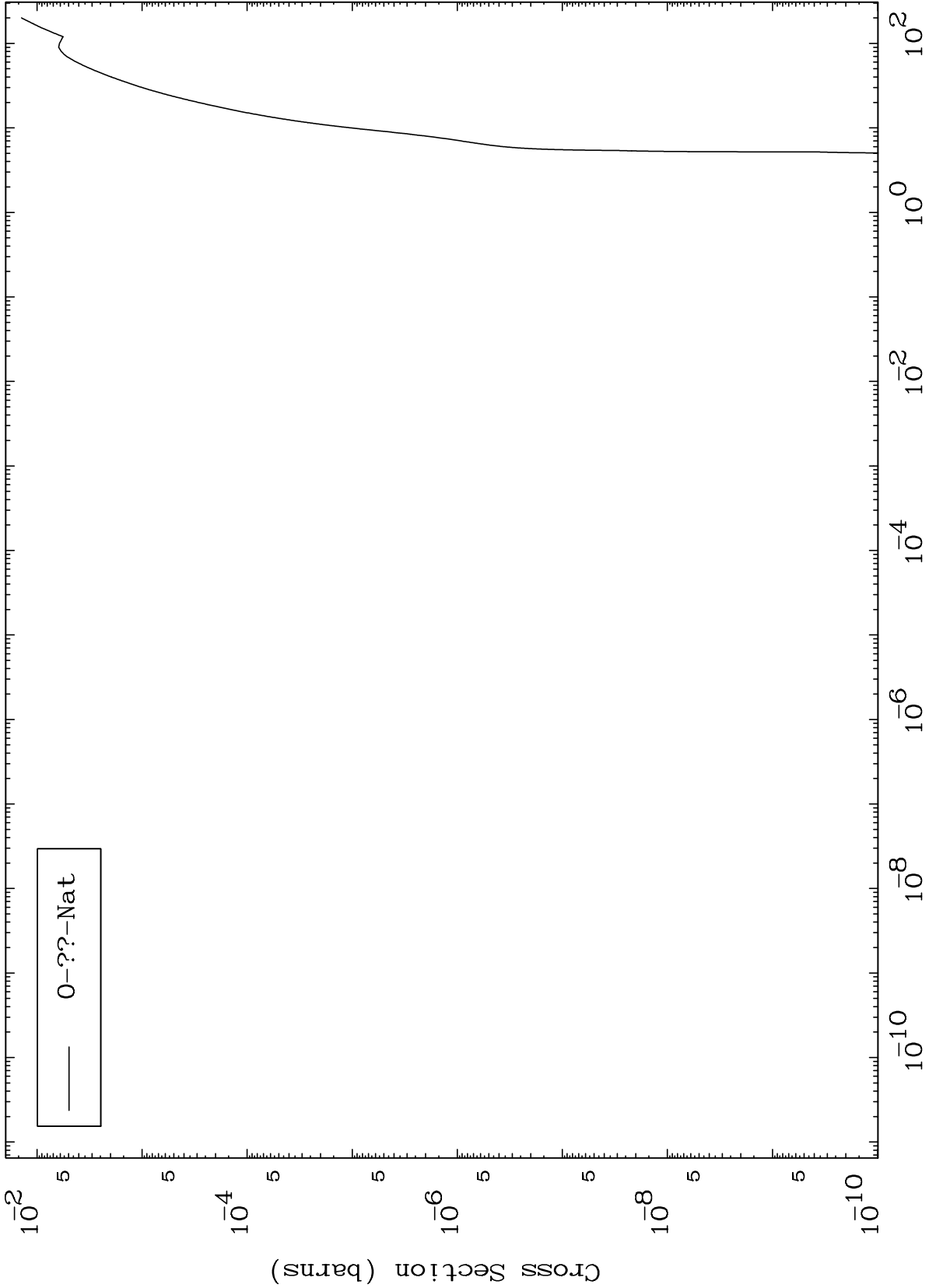
76-Os-181g  
76-Os-181m1

MAT 7704

Fission

<sup>77</sup>Ir-184

Radionuclide Production Cross Section



70

Incident Energy (MeV)

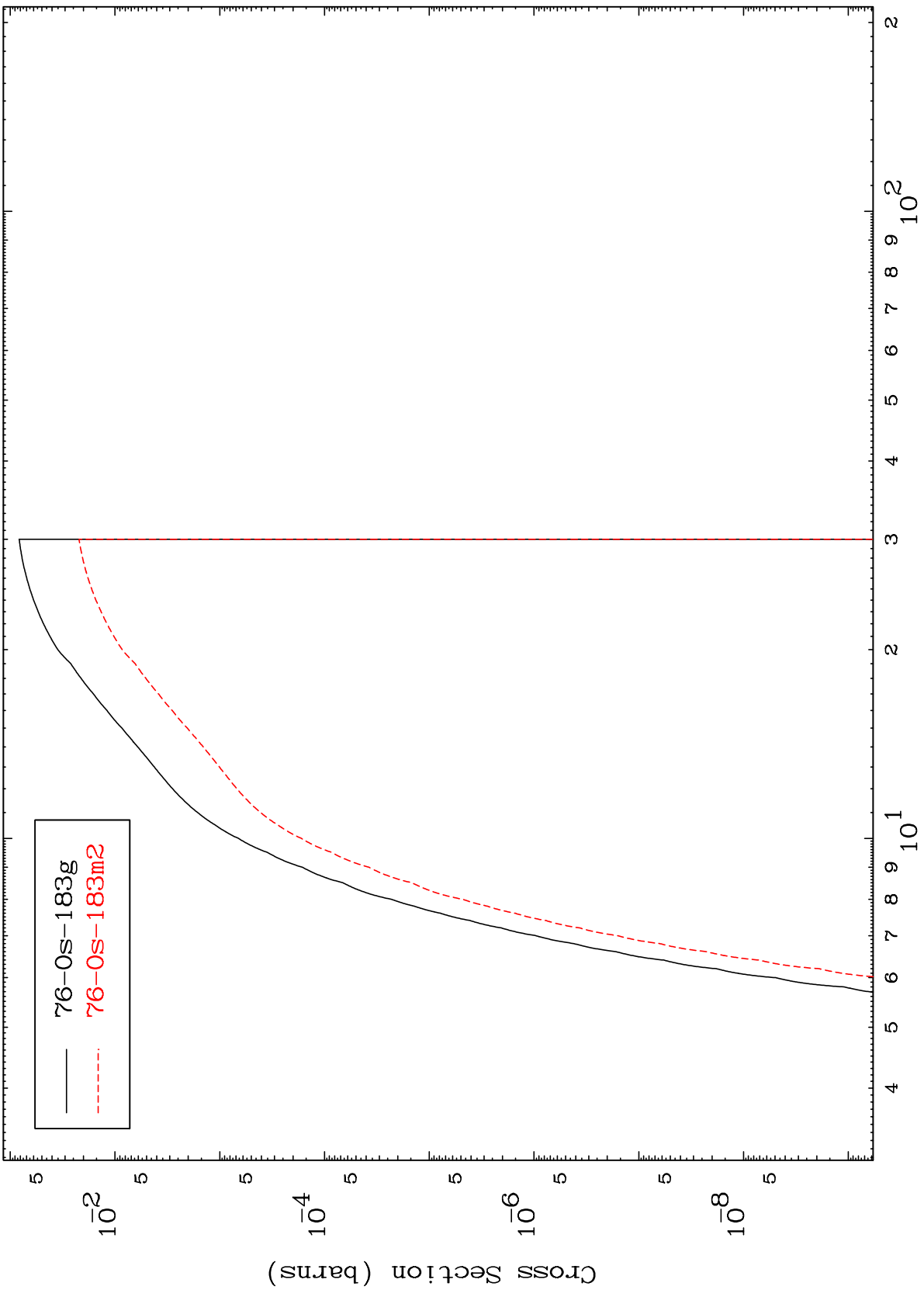
<sup>77</sup>Ir-184

MAT 7704

(n,n') p

77-Ir-184

Radionuclide Production Cross Section



71

Incident Energy (MeV)

77-Ir-184

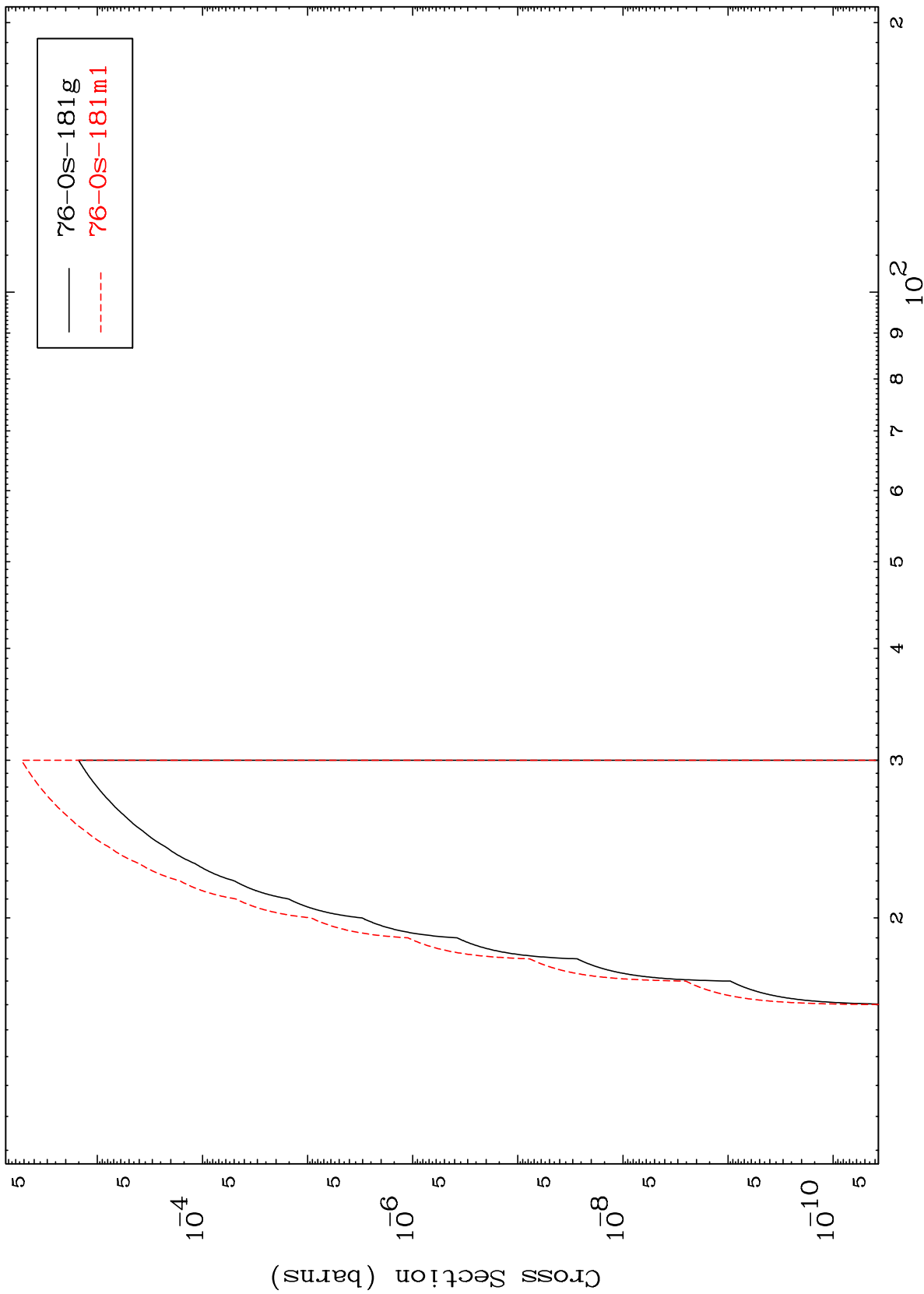


MAT 7704

(n,n') t

77-Ir-184

Radionuclide Production Cross Section



72

Incident Energy (MeV)

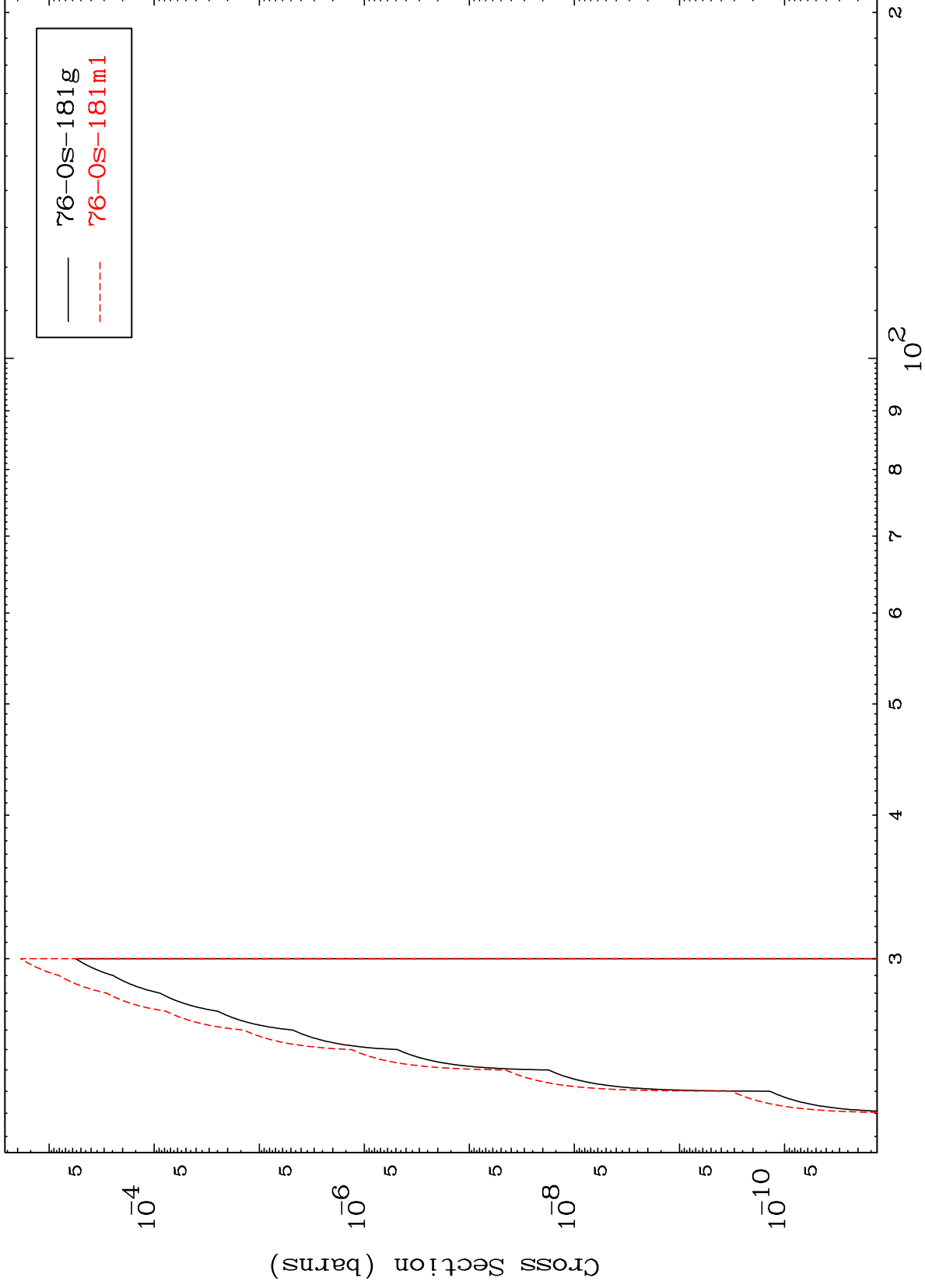
77-Ir-184

MAT 7704

(n,3n) p

<sup>77</sup>Ir-184

Radionuclide Production Cross Section



73

Incident Energy (MeV)

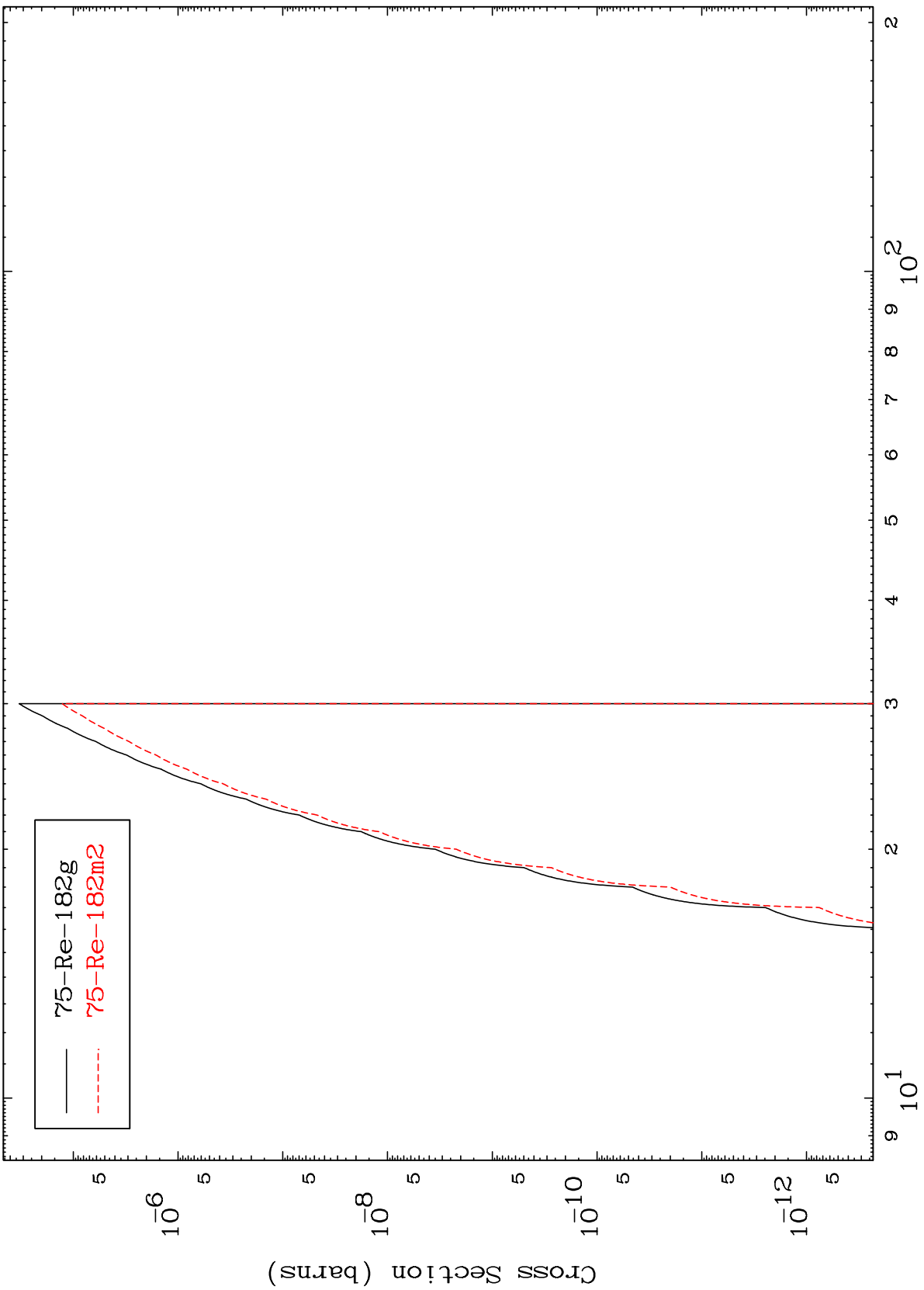
<sup>77</sup>Ir-184

MAT 7704

(n,2n) p

<sup>77</sup>Ir-184

Radionuclide Production Cross Section



75-Re-182g  
75-Re-182m2

74

Incident Energy (MeV)

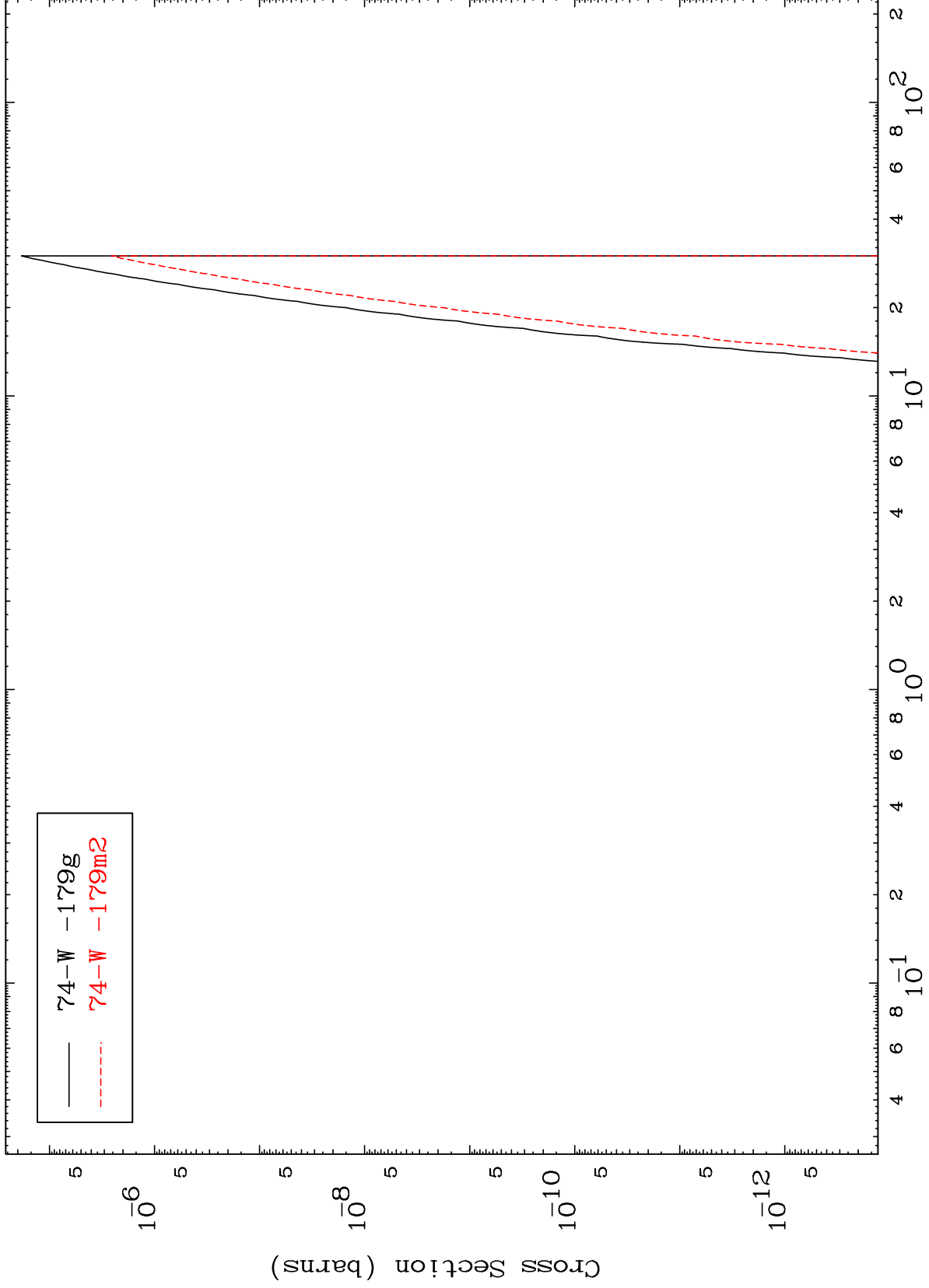
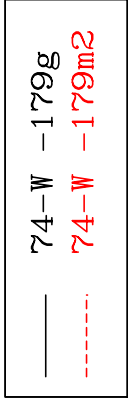
<sup>77</sup>Ir-184

MAT 7704

(n,n') p  $\alpha$

77-Ir-184

Radionuclide Production Cross Section



75

Incident Energy (MeV)

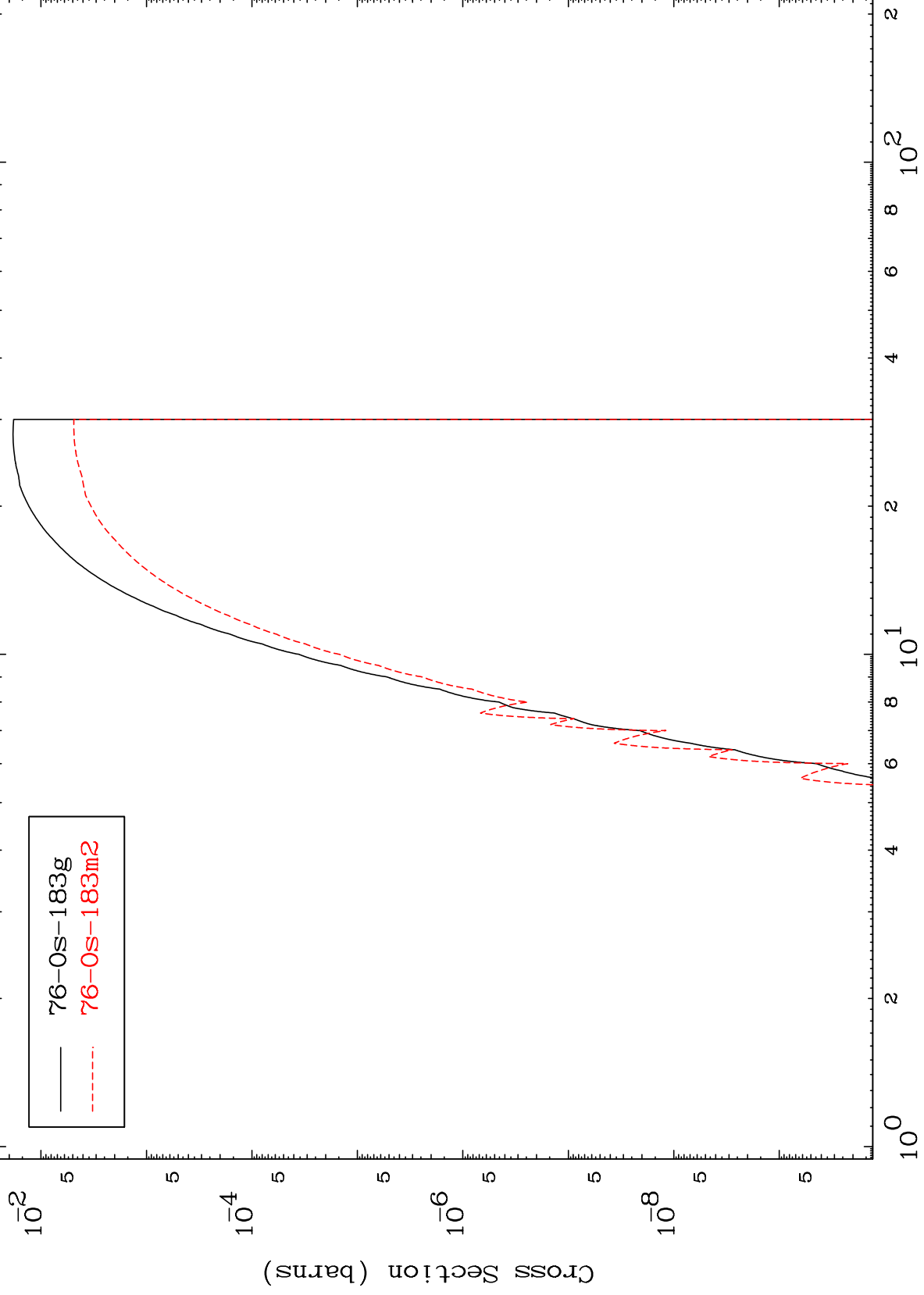
77-Ir-184

MAT 7704

(n,d)

<sup>77</sup>Ir-184

Radionuclide Production Cross Section



Incident Energy (MeV)

<sup>77</sup>Ir-184

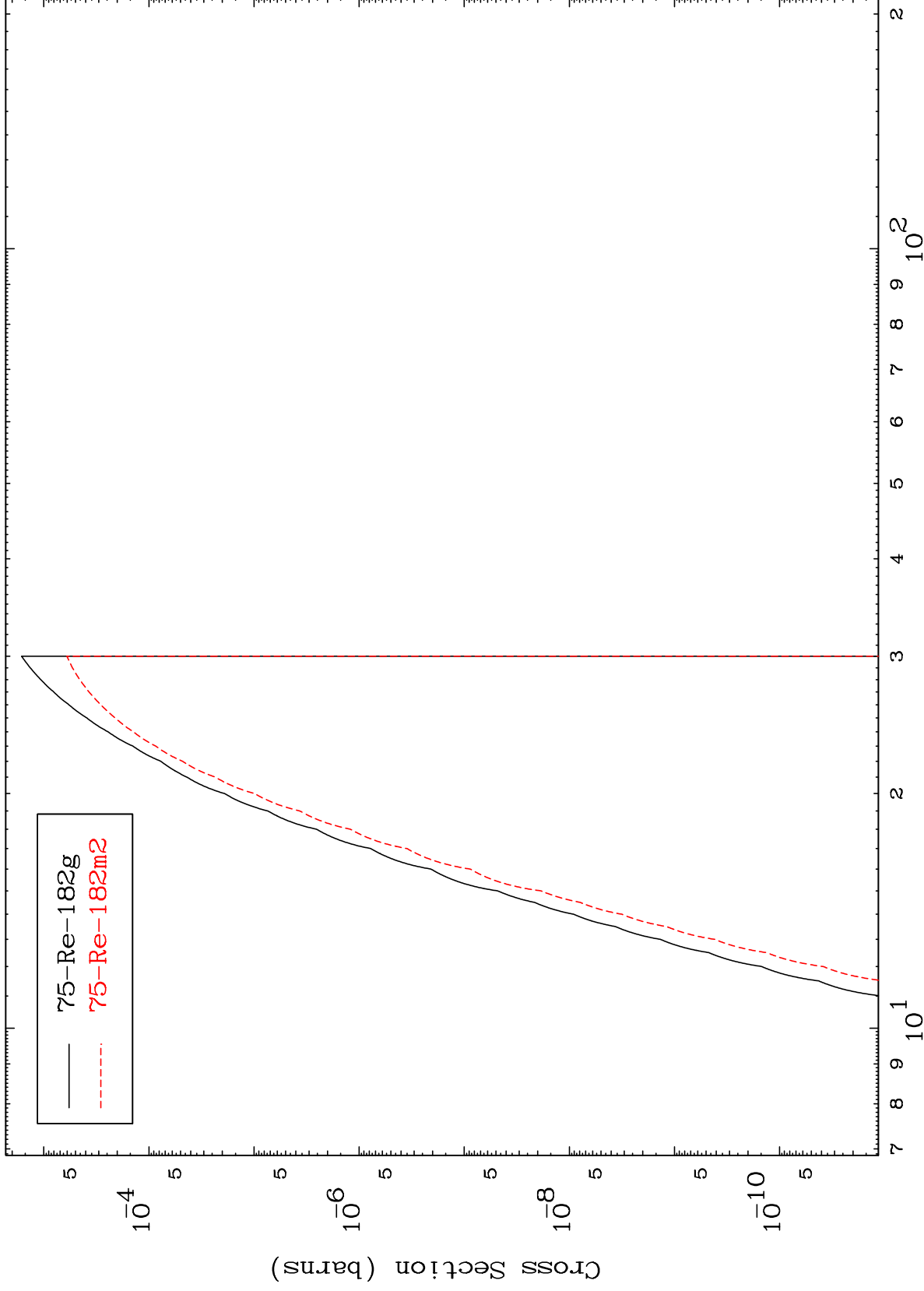
<sup>76</sup>

MAT 7704

(n,He-3)

77-Ir-184

Radionuclide Production Cross Section



77

Incident Energy (MeV)

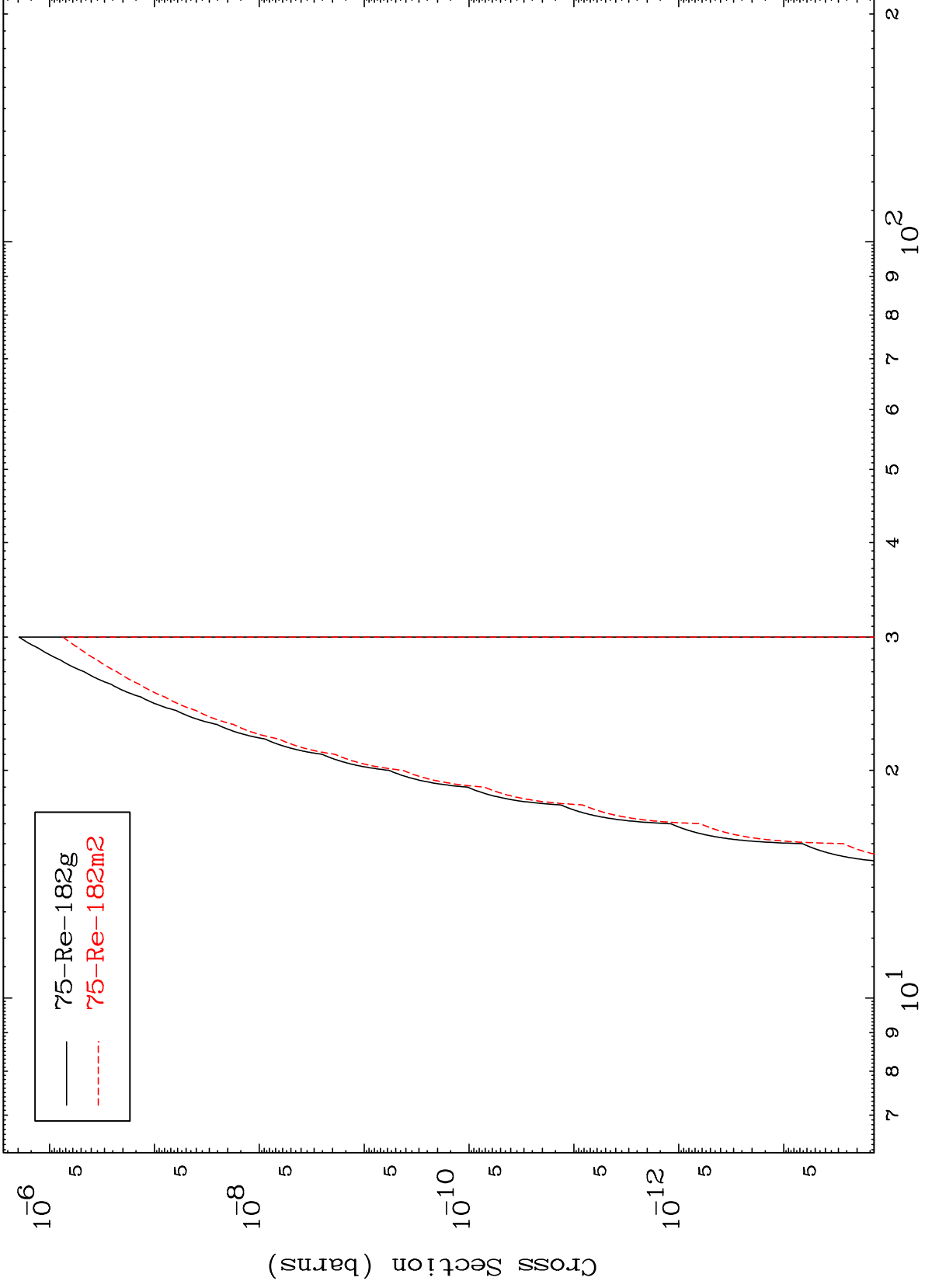
77-Ir-184

MAT 7704

(n,p) d

<sup>77</sup>Ir-184

Radionuclide Production Cross Section



78

Incident Energy (MeV)

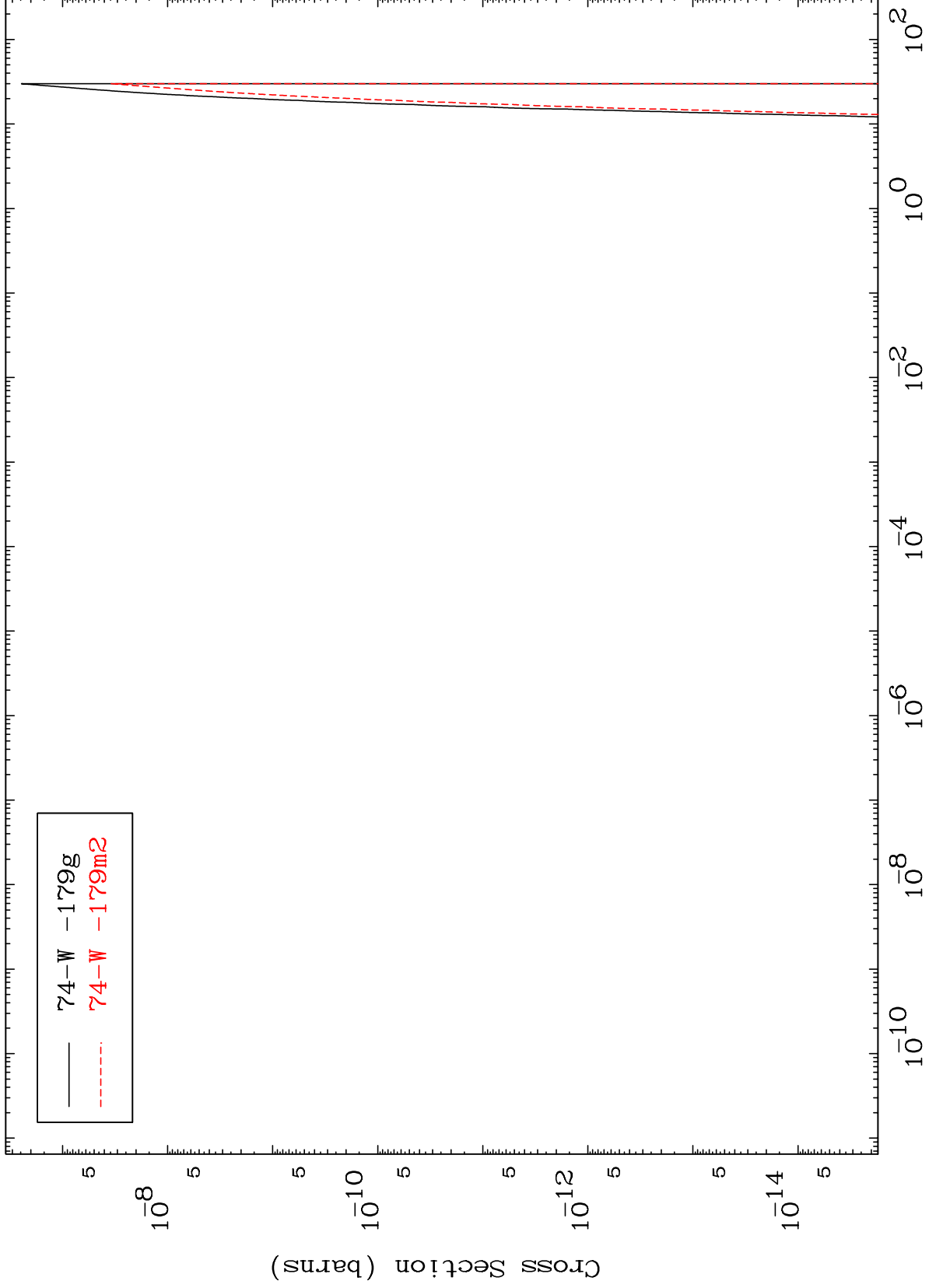
<sup>77</sup>Ir-184

MAT 7704

(n,d)  $\alpha$

<sup>77</sup>Ir-184

Radionuclide Production Cross Section



79

Incident Energy (MeV)

<sup>77</sup>Ir-184