

Program EVALPLOT  
(Version 2021-1)

by

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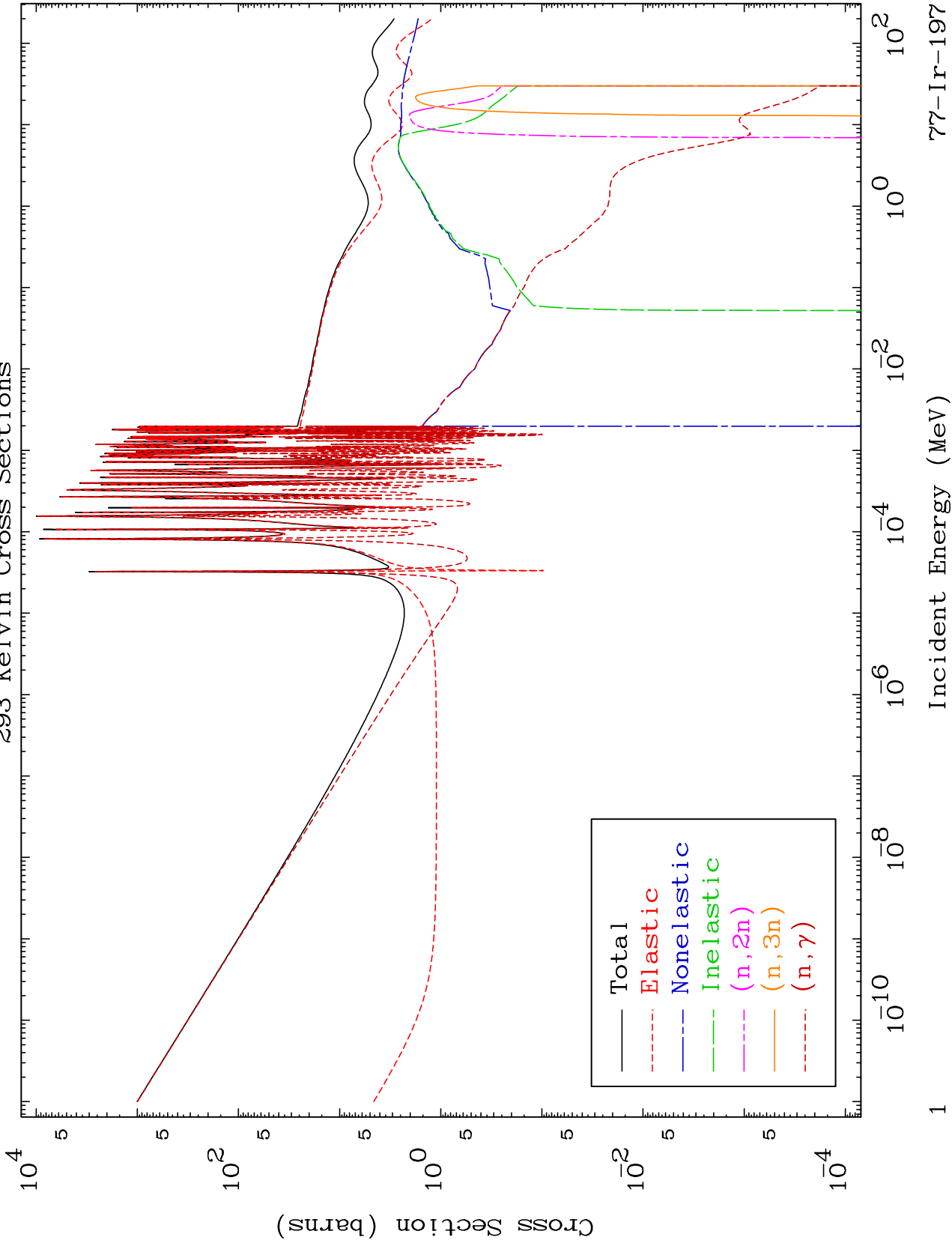
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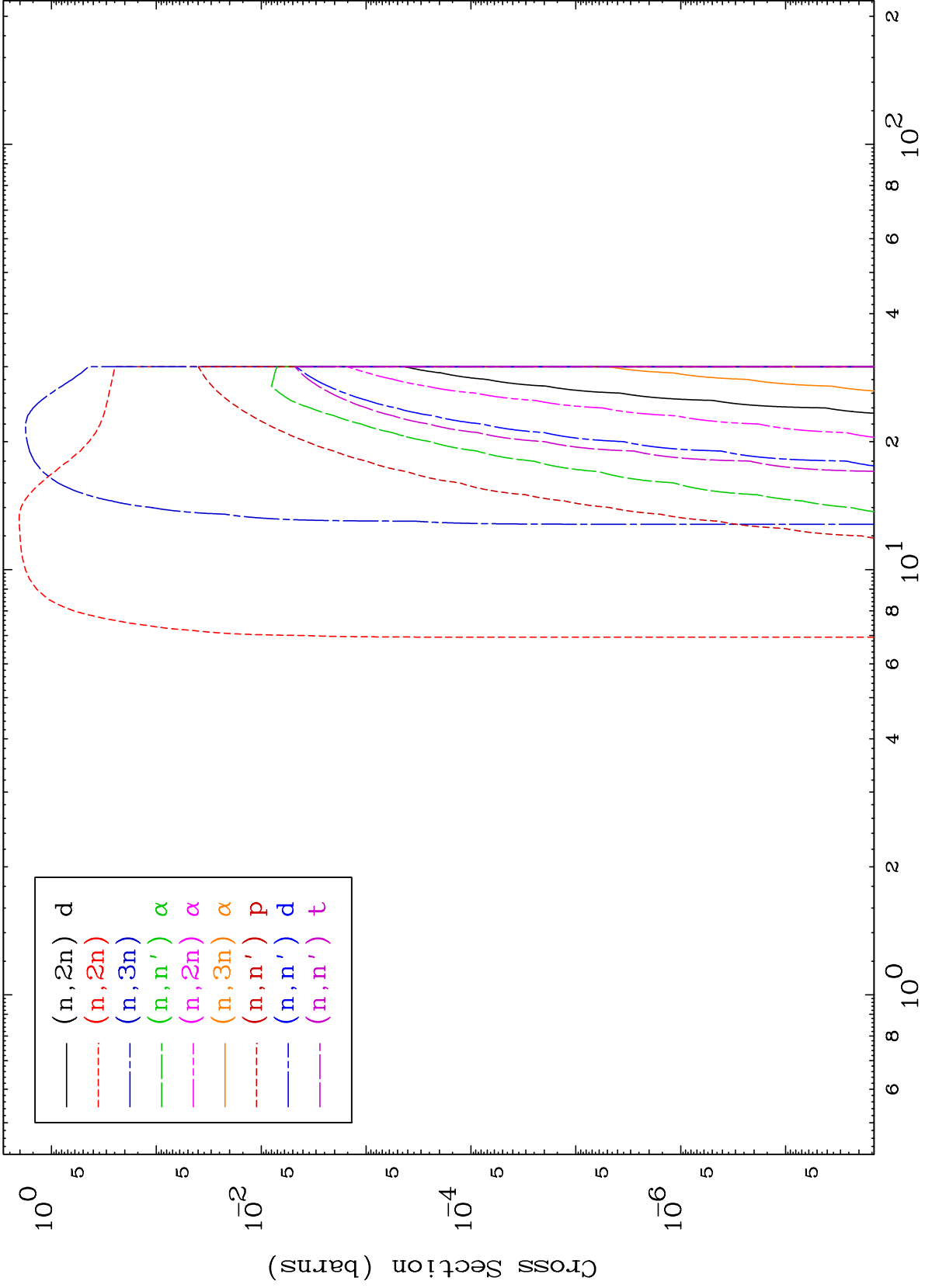
Press Mouse Button to Start

MAT 7743

Neutron Major  
293 Kelvin Cross Sections

77-Ir-197

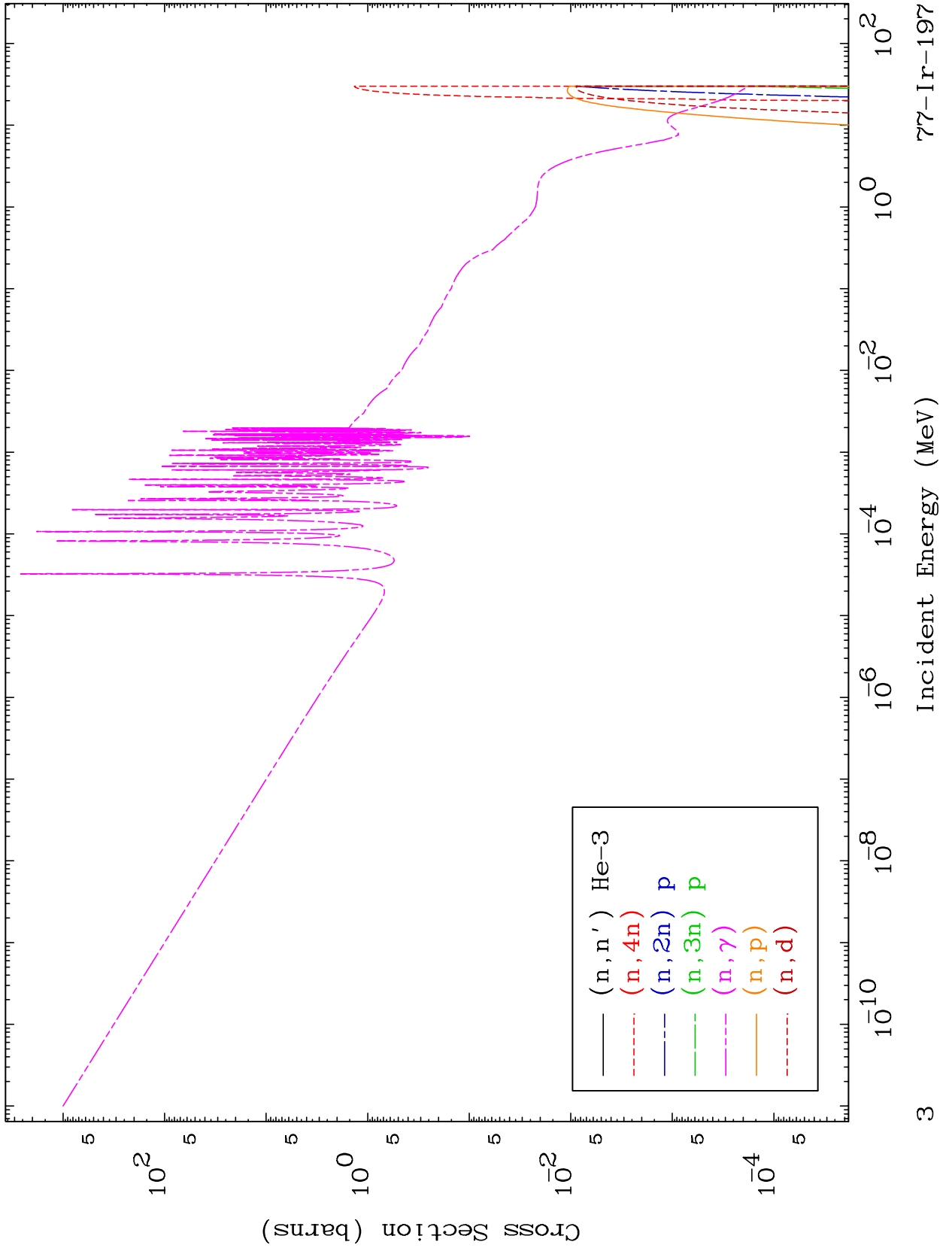




MAT 7743

Neutron Absorption  
293 Kelvin Cross Sections

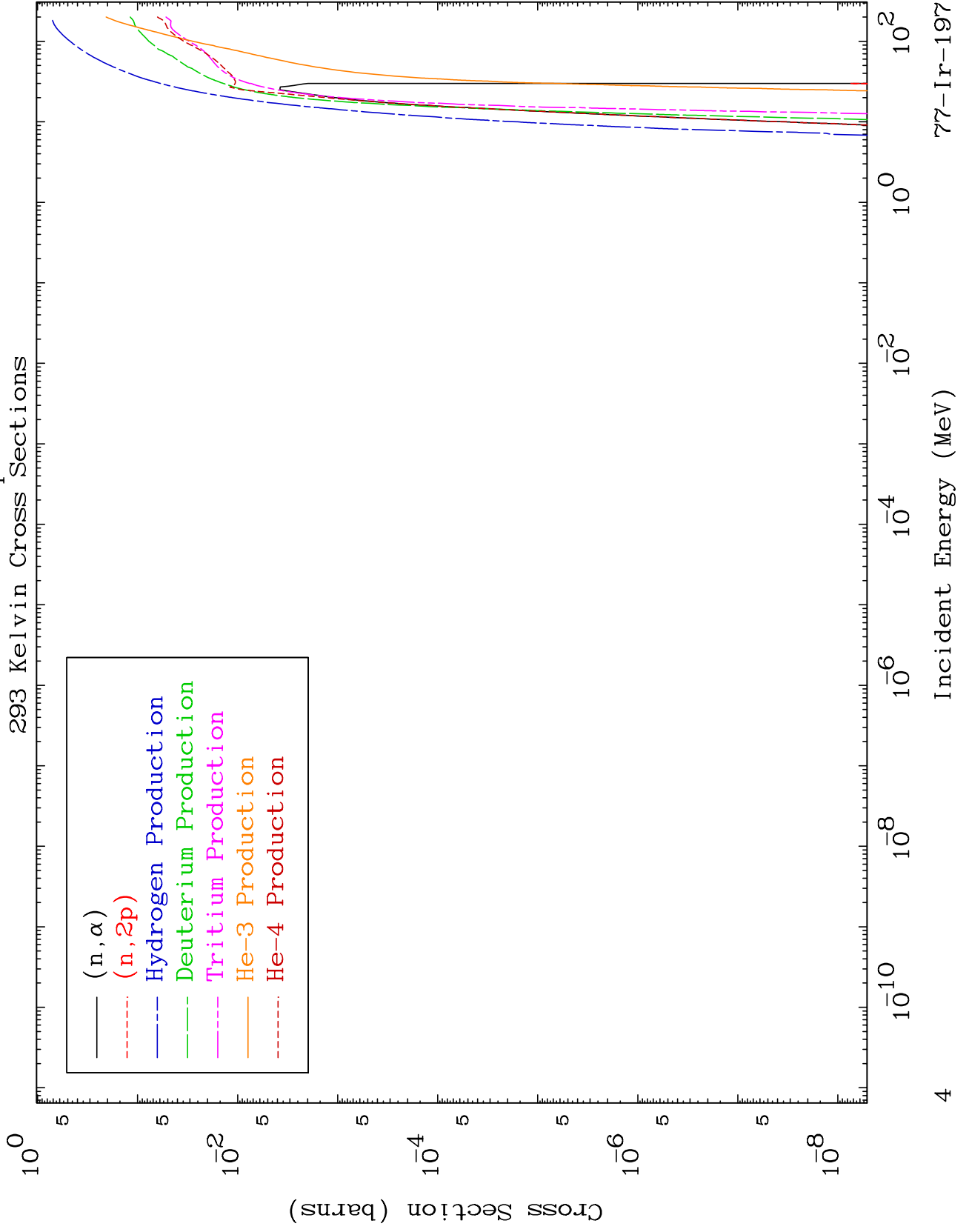
77-Ir-197



MAT 7743

Neutron Absorption  
293 Kelvin Cross Sections

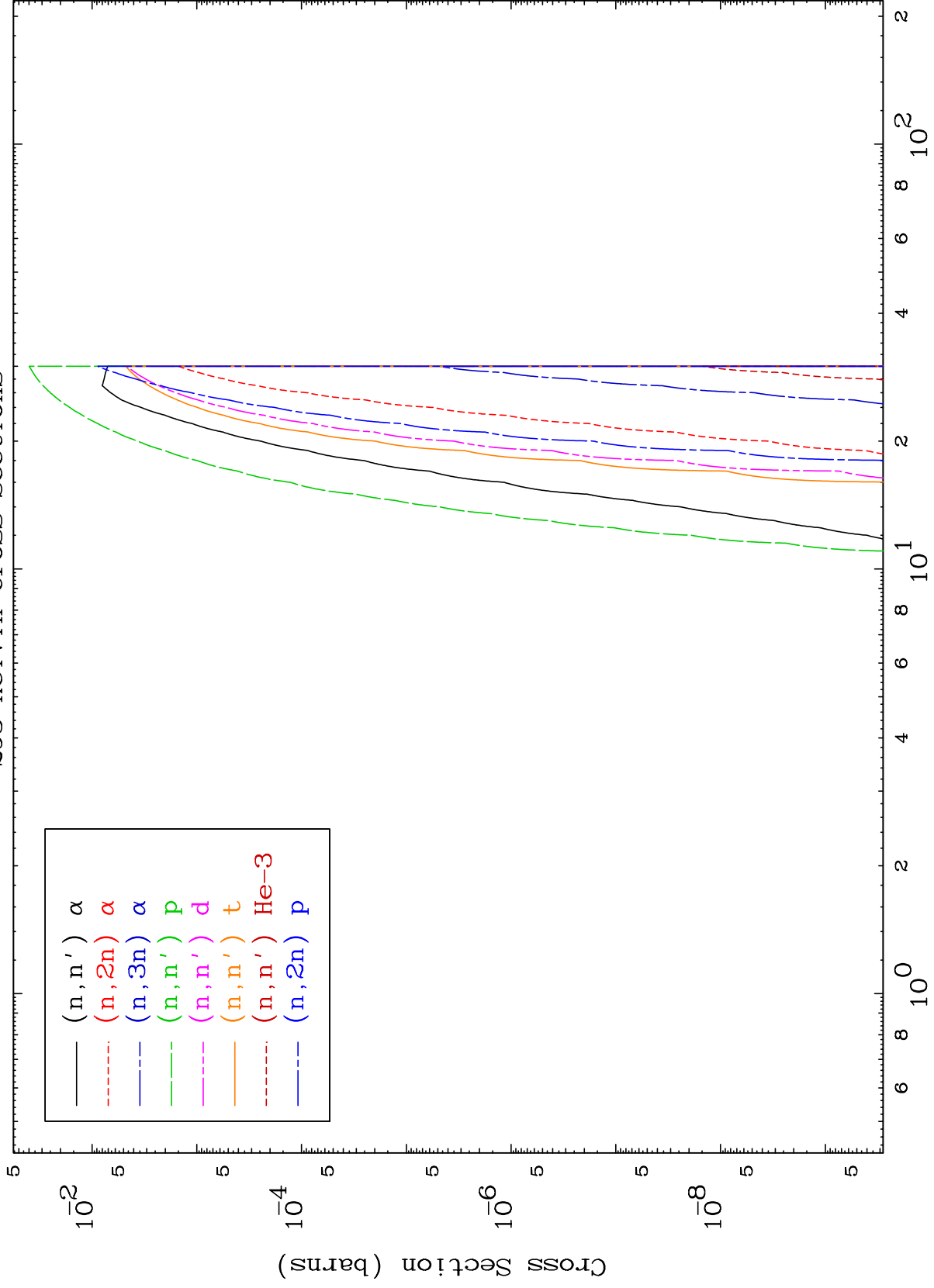
77-Ir-197



MAT 7743

Charged Particle  
293 Kelvin Cross Sections

77-Ir-197



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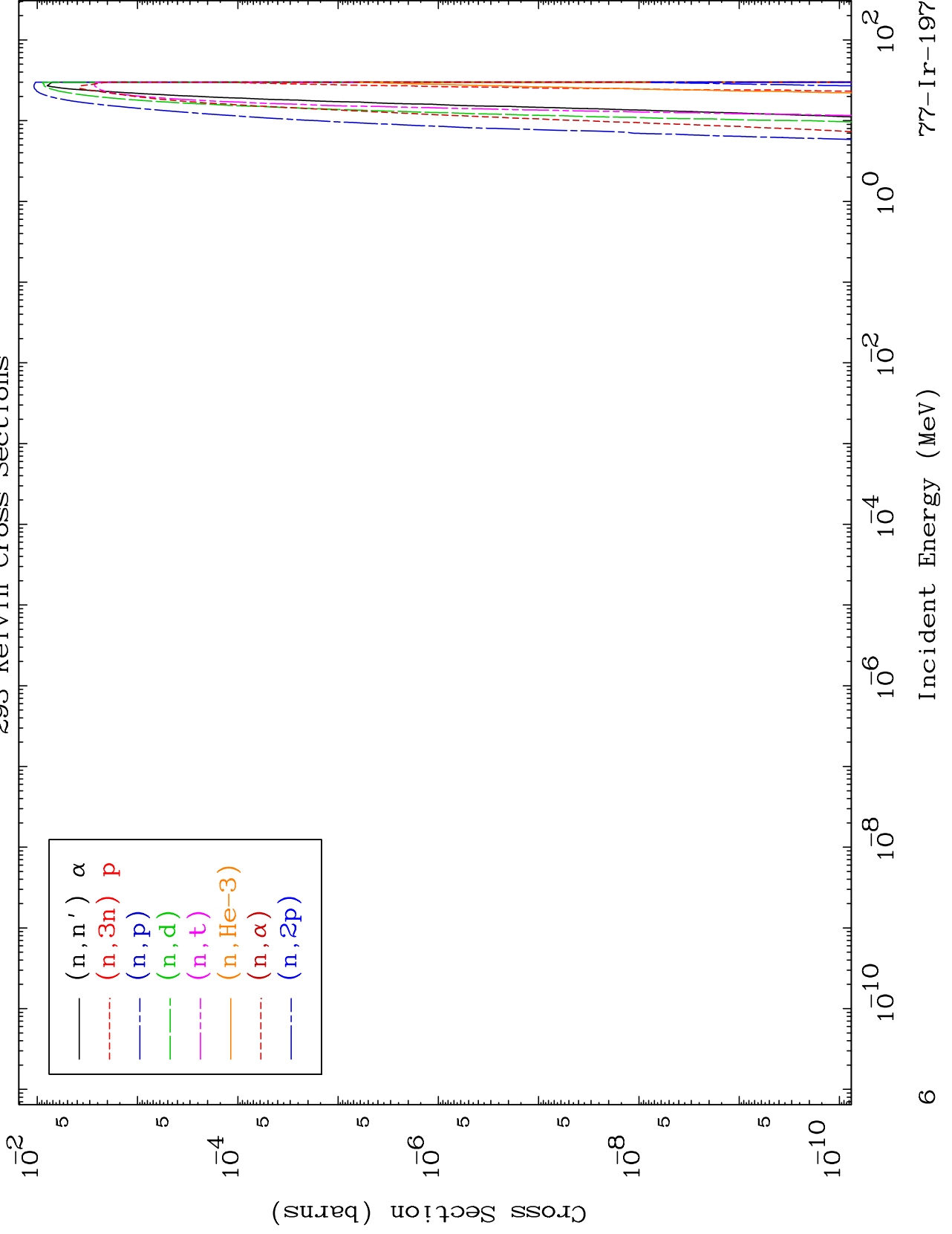
Incident Energy (MeV)

77-Ir-197

MAT 7743

Charged Particle  
293 Kelvin Cross Sections

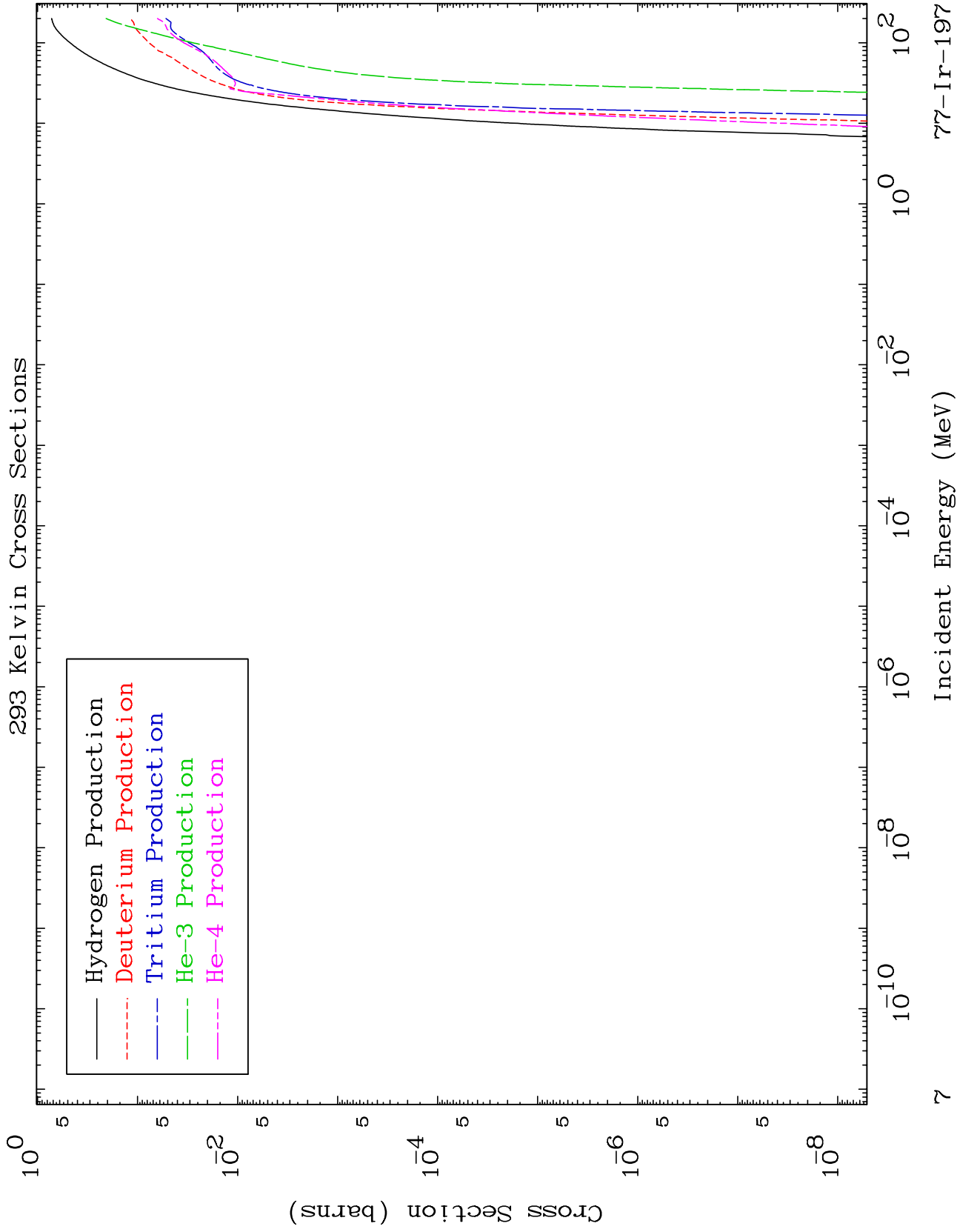
77-Ir-197



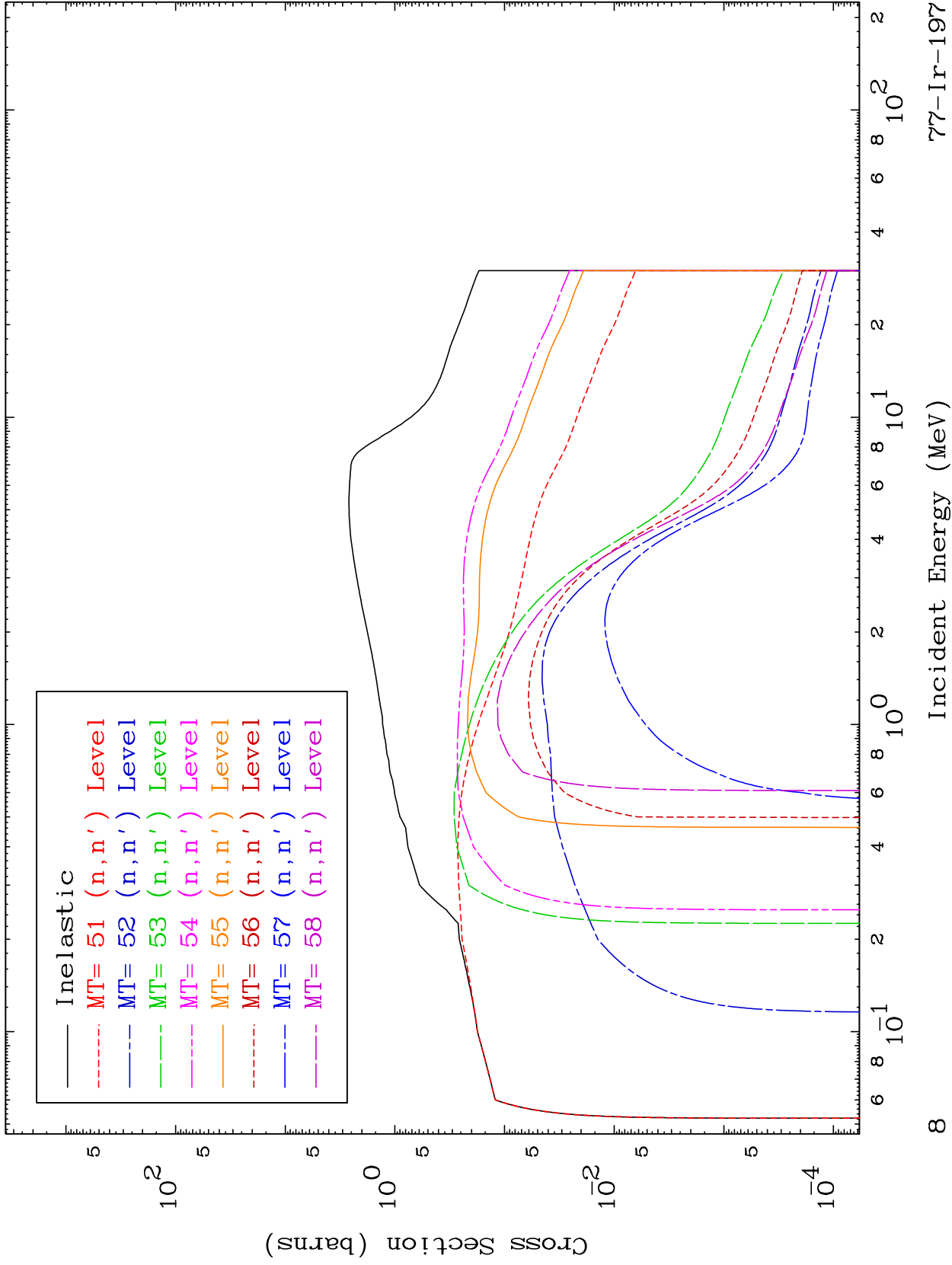
MAT 7743

Particle Production  
293 Kelvin Cross Sections

77-Ir-197



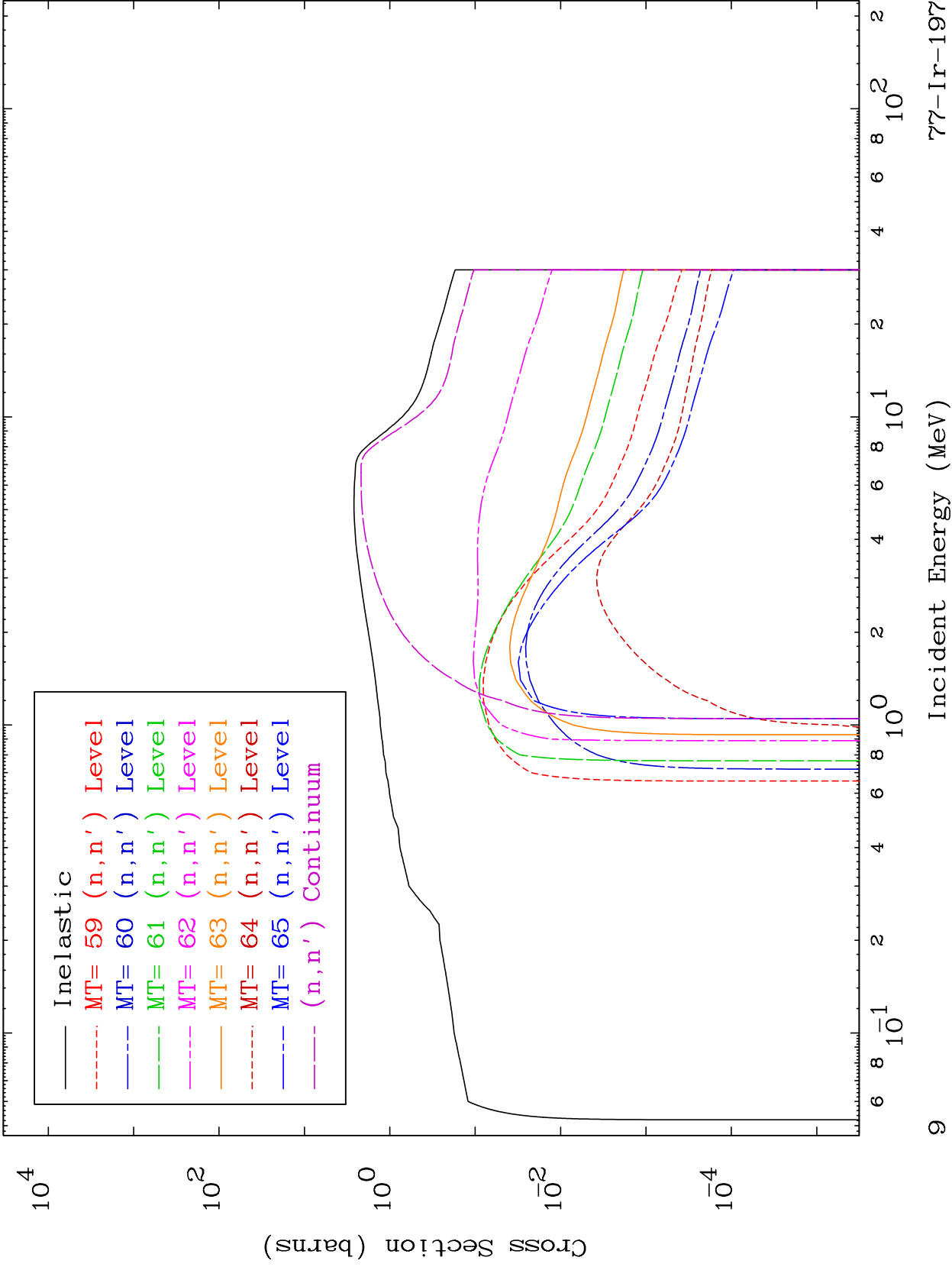




MAT 7743

(n,n') Levels  
293 Kelvin Cross Sections

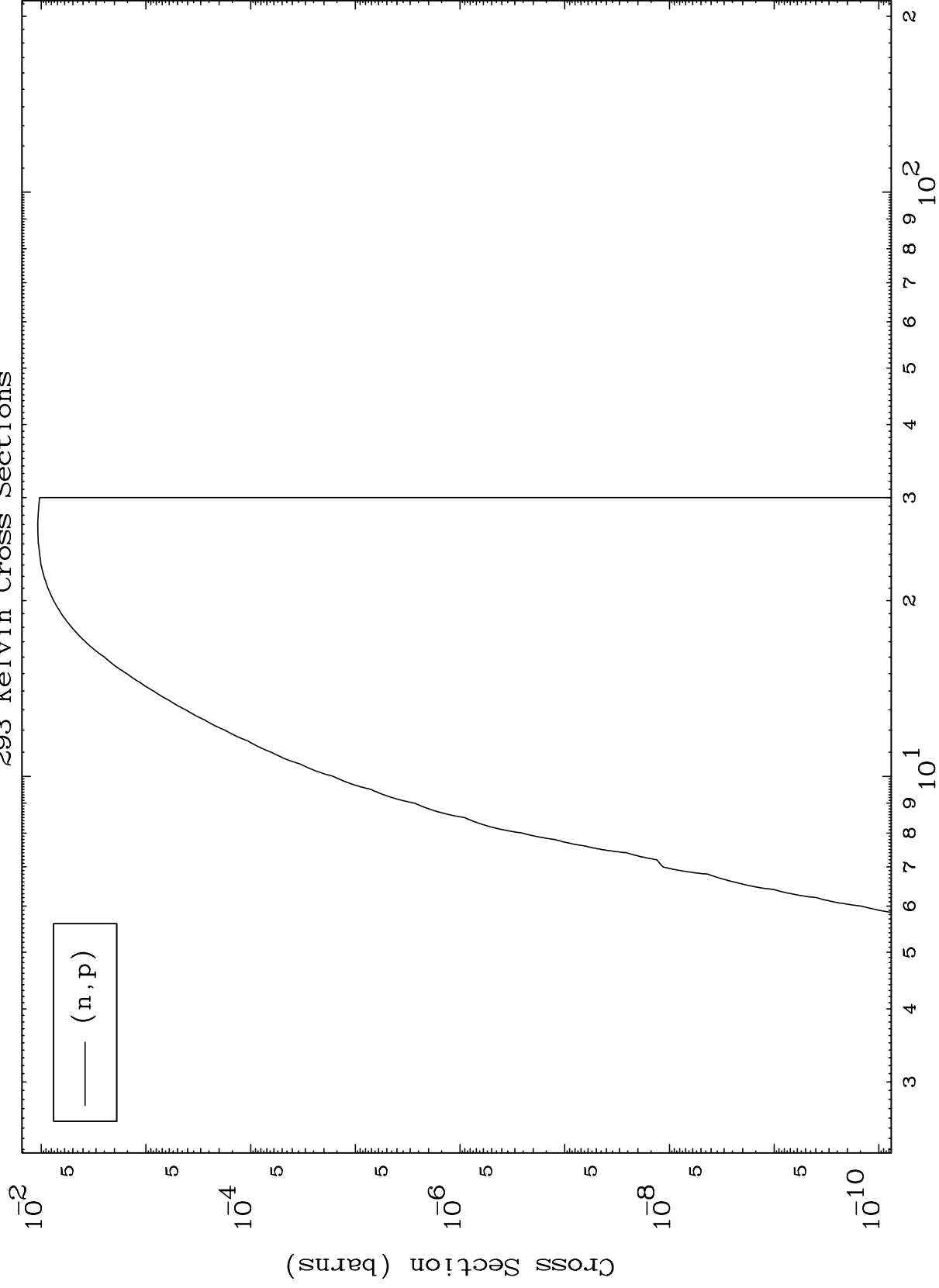
77-Ir-197



MAT 7743

(n,p) Levels  
293 Kelvin Cross Sections

77-Ir-197



10

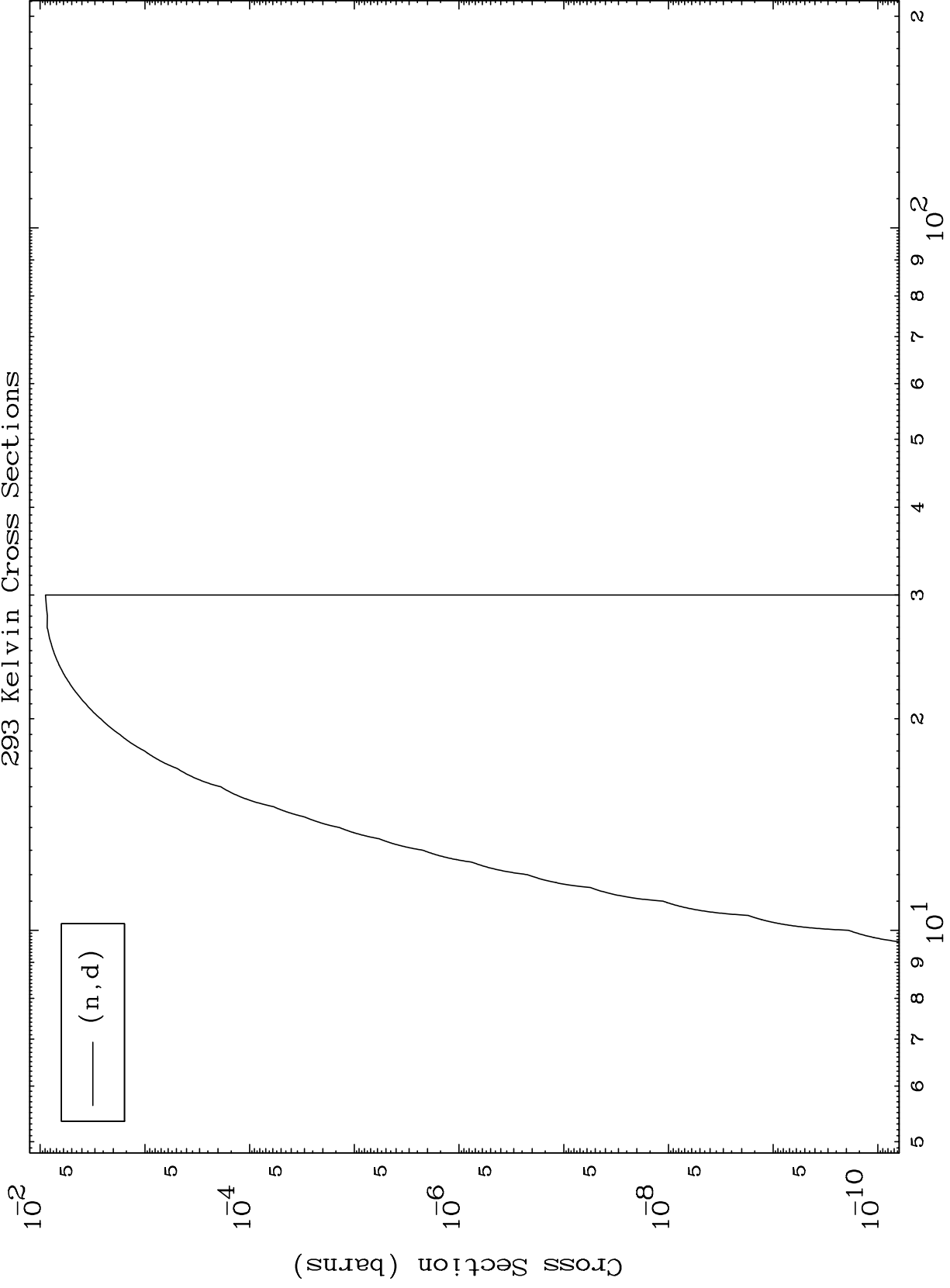
Incident Energy (MeV)

77-Ir-197

MAT 7743

(n,d) Levels  
293 Kelvin Cross Sections

77-Ir-197



11

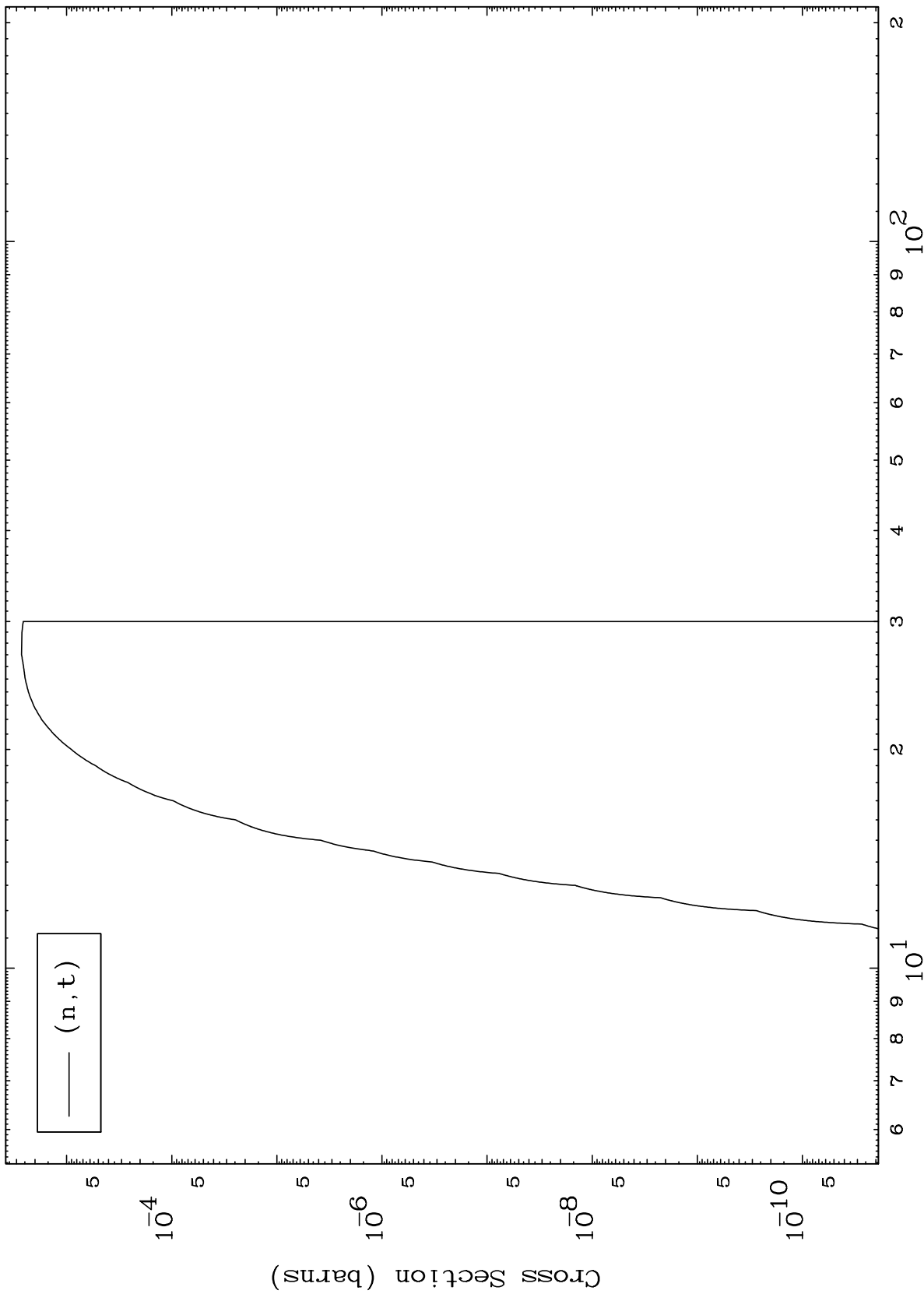
Incident Energy (MeV)

77-Ir-197

MAT 7743

(n,t) Levels  
293 Kelvin Cross Sections

77-Ir-197



12

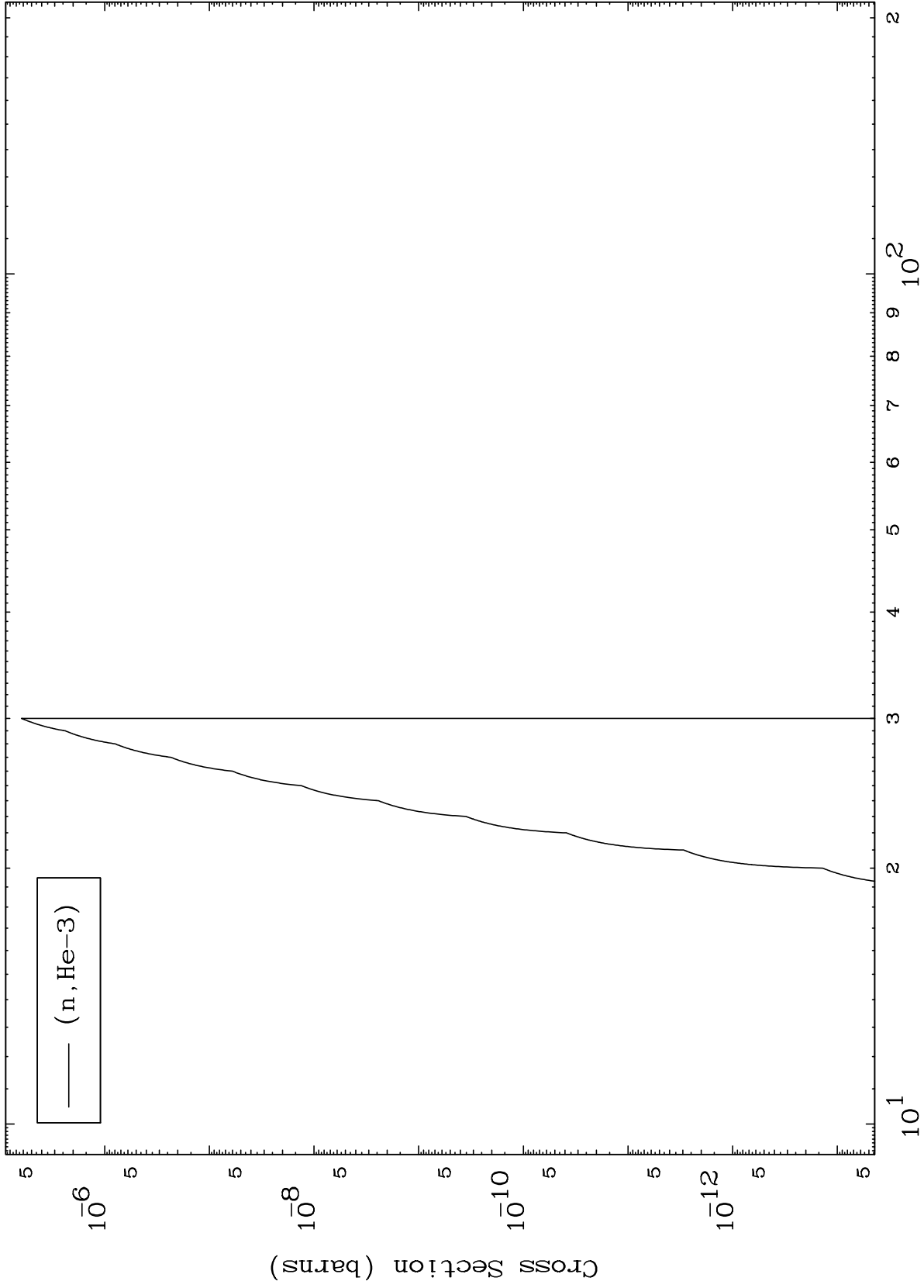
Incident Energy (MeV)

77-Ir-197

MAT 7743

(n,He3) Levels  
293 Kelvin Cross Sections

77-Ir-197



13

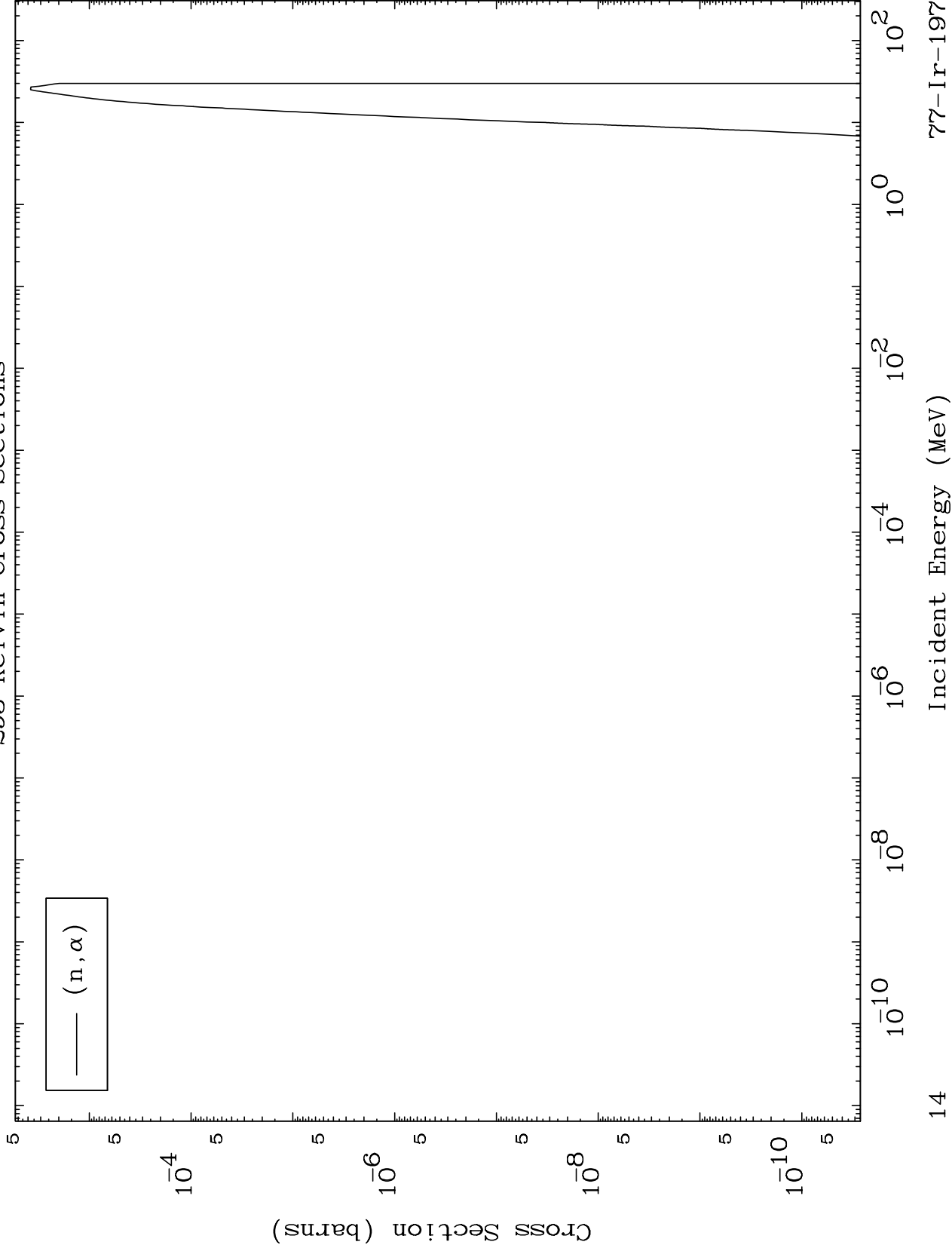
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



14

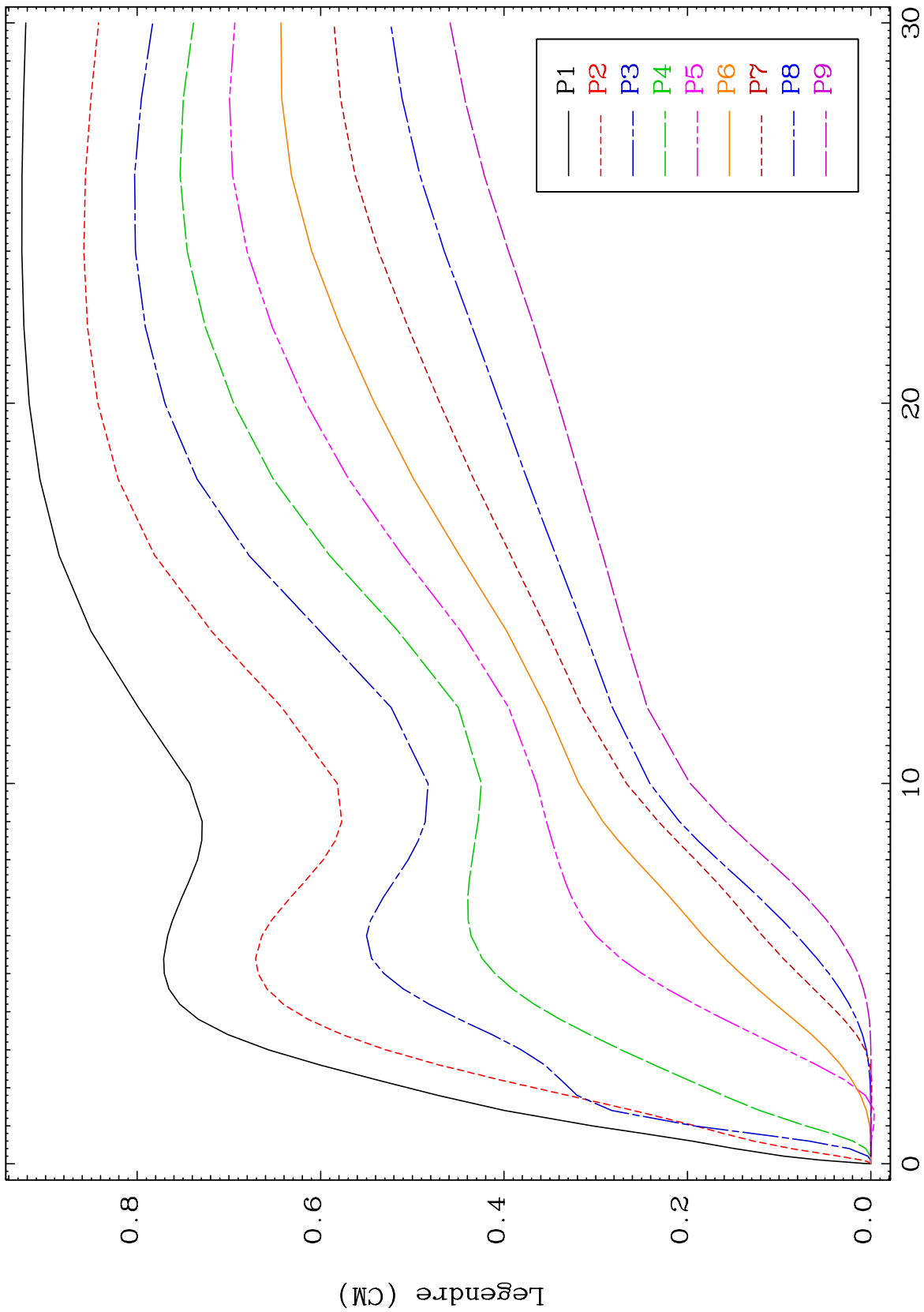
Incident Energy (MeV)

77-Ir-197

MAT 7743

77-Ir-197

Elastic Legendre Coefficients



77-Ir-197

Incident Energy (MeV)

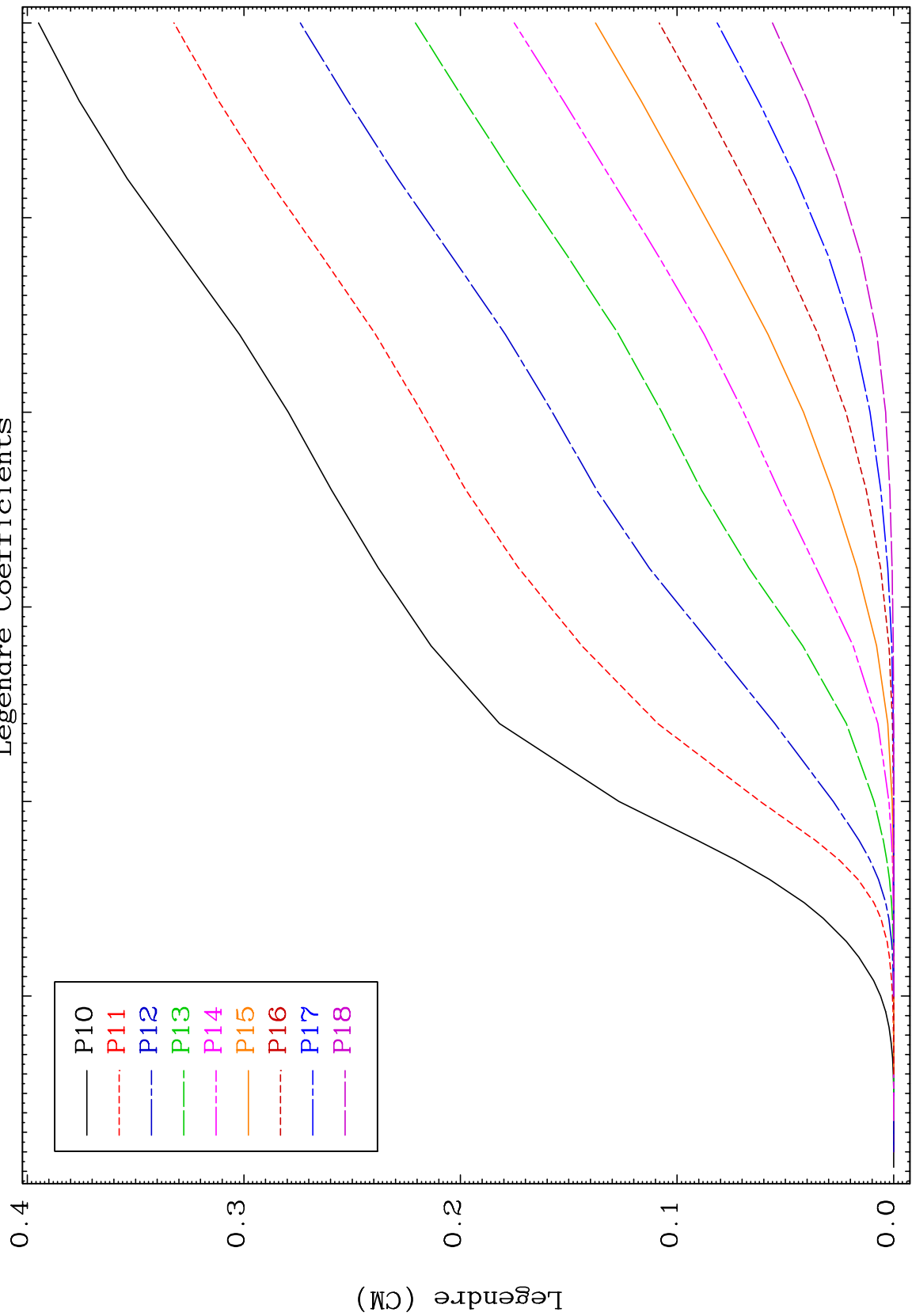
15



MAT 7743

Elastic Legendre Coefficients

77-Ir-197



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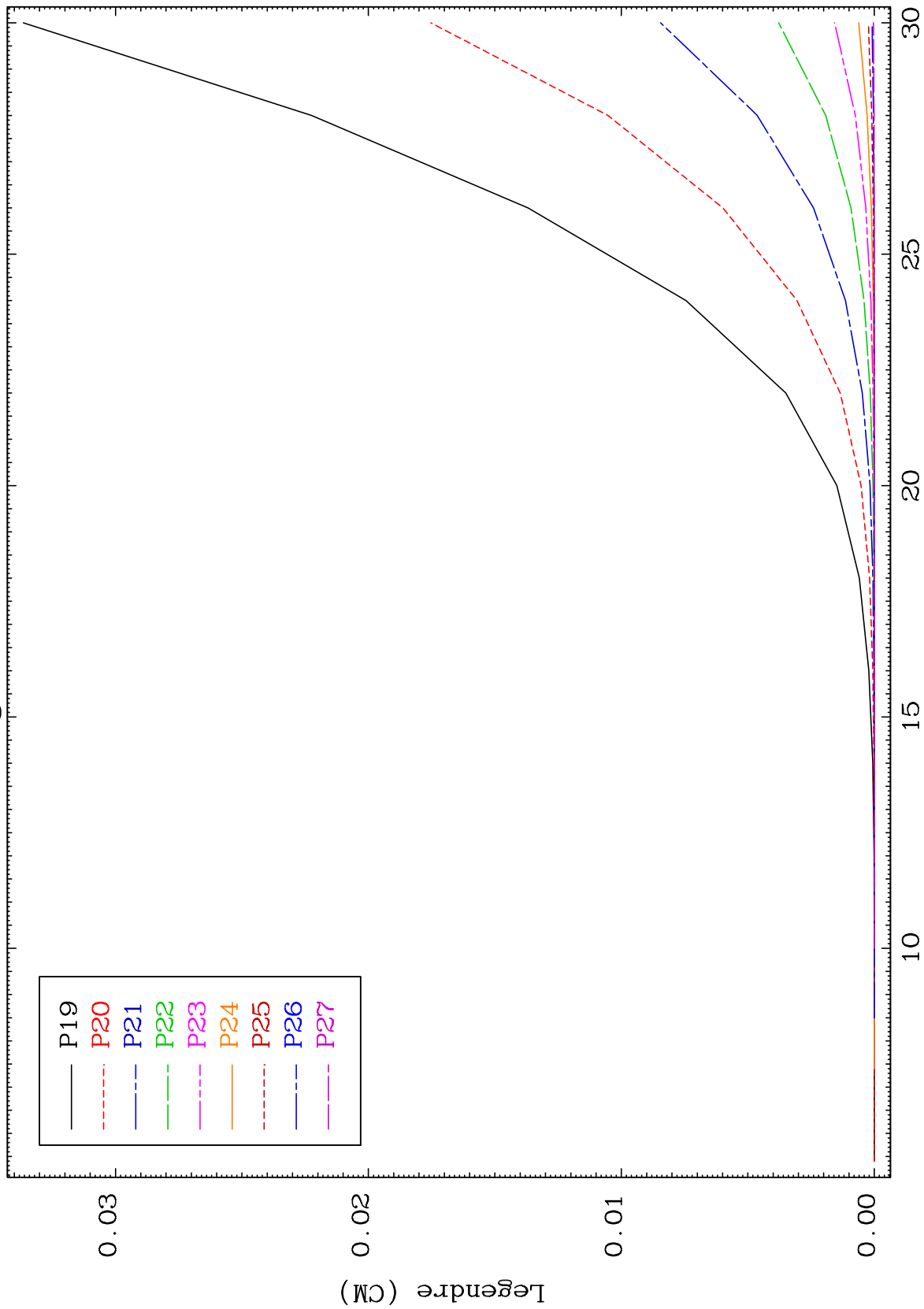
Incident Energy (MeV)

77-Ir-197

MAT 7743

### Elastic Legendre Coefficients

77-Ir-197



17

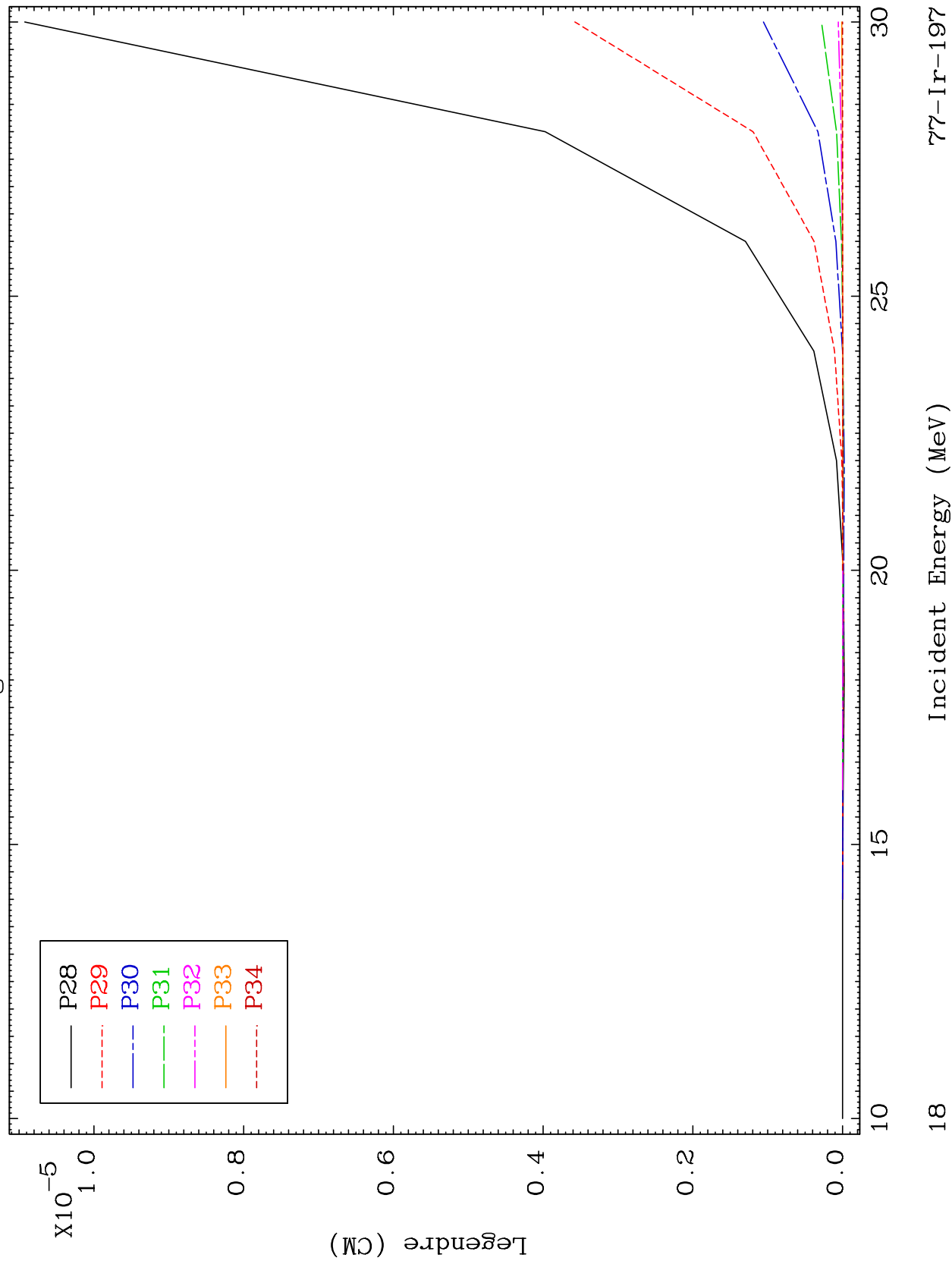
Incident Energy (MeV)

77-Ir-197

MAT 7743

Elastic Legendre Coefficients

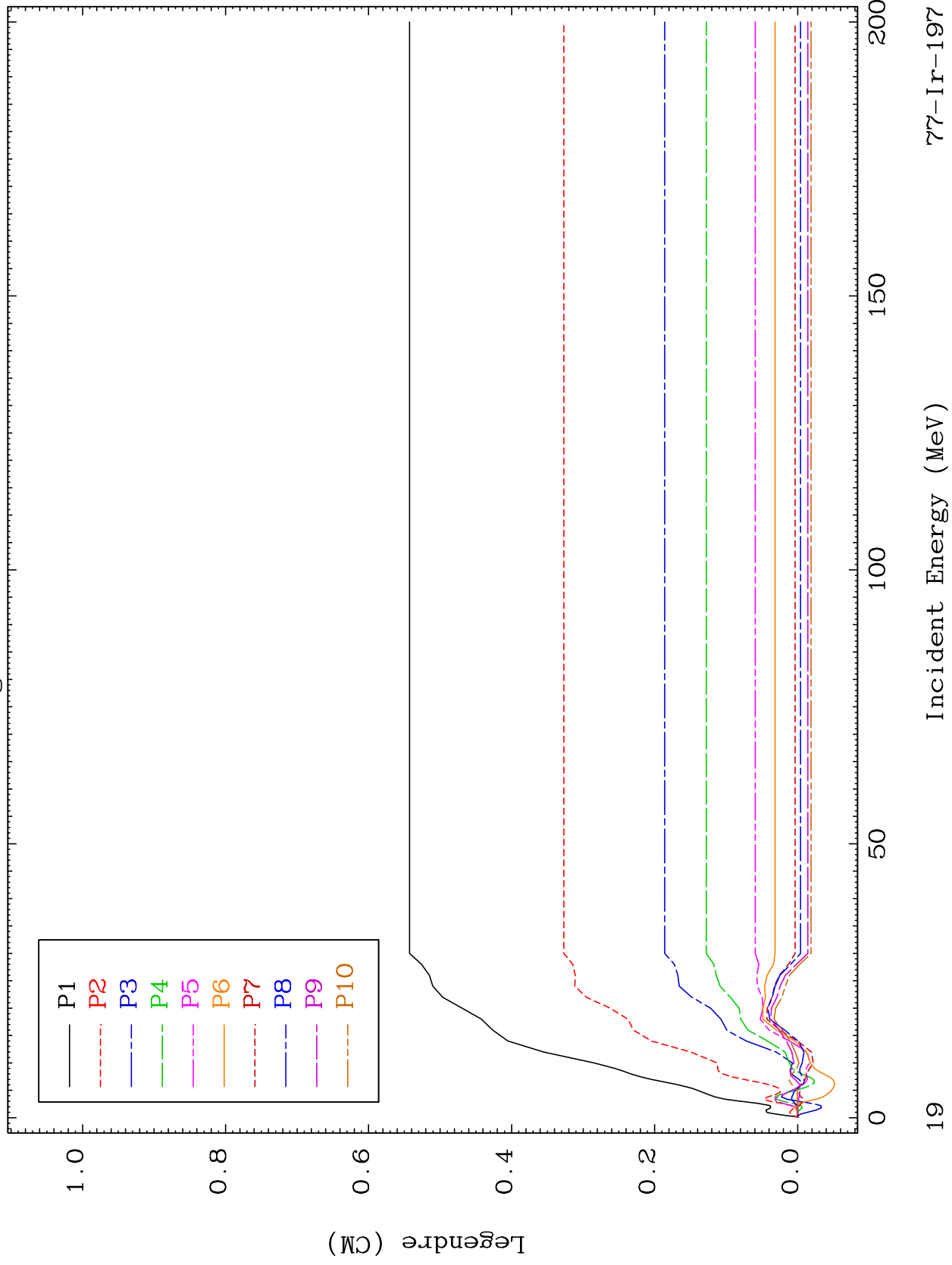
77-Ir-197



MAT 7743

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

77-Ir-197



19

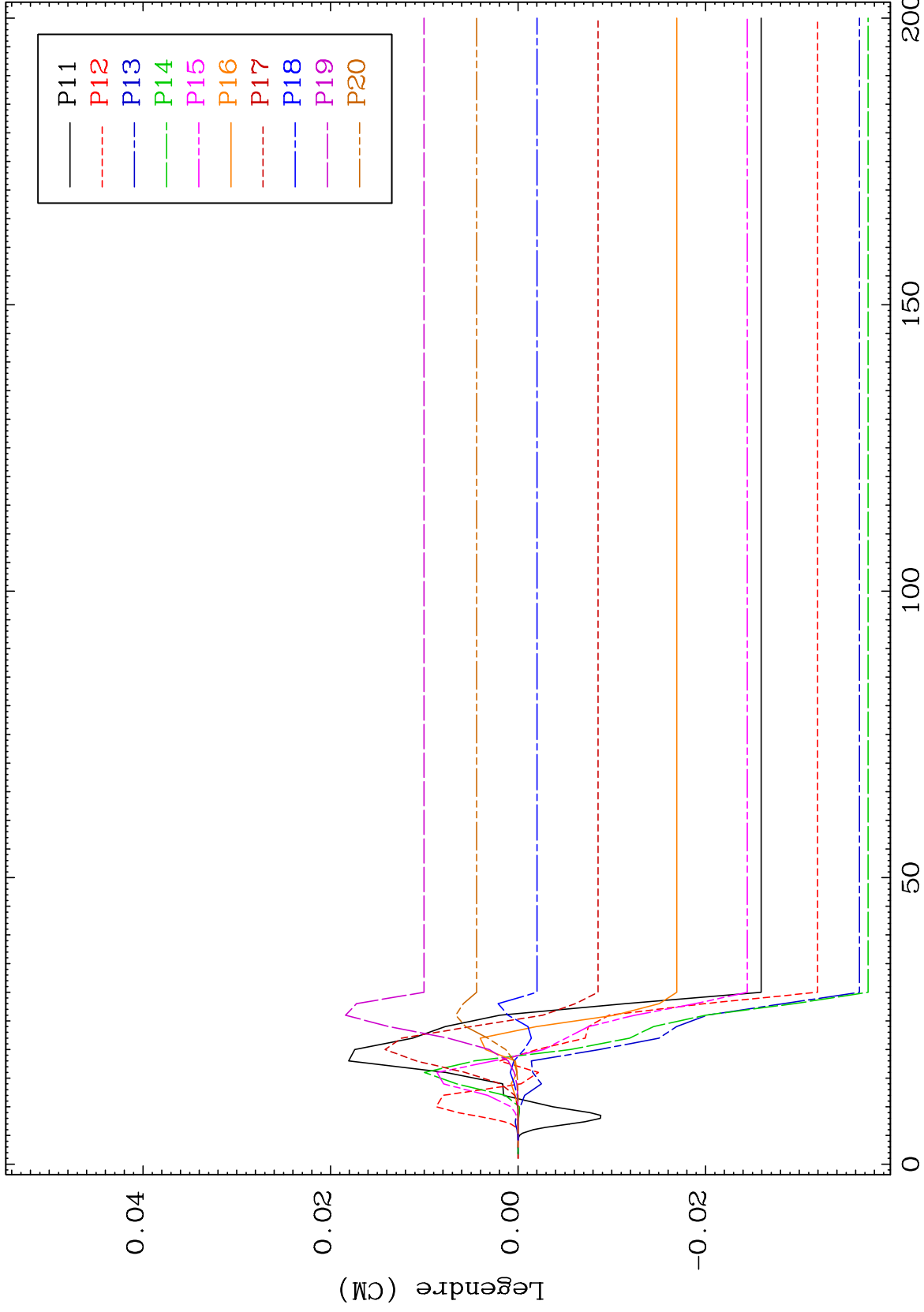
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

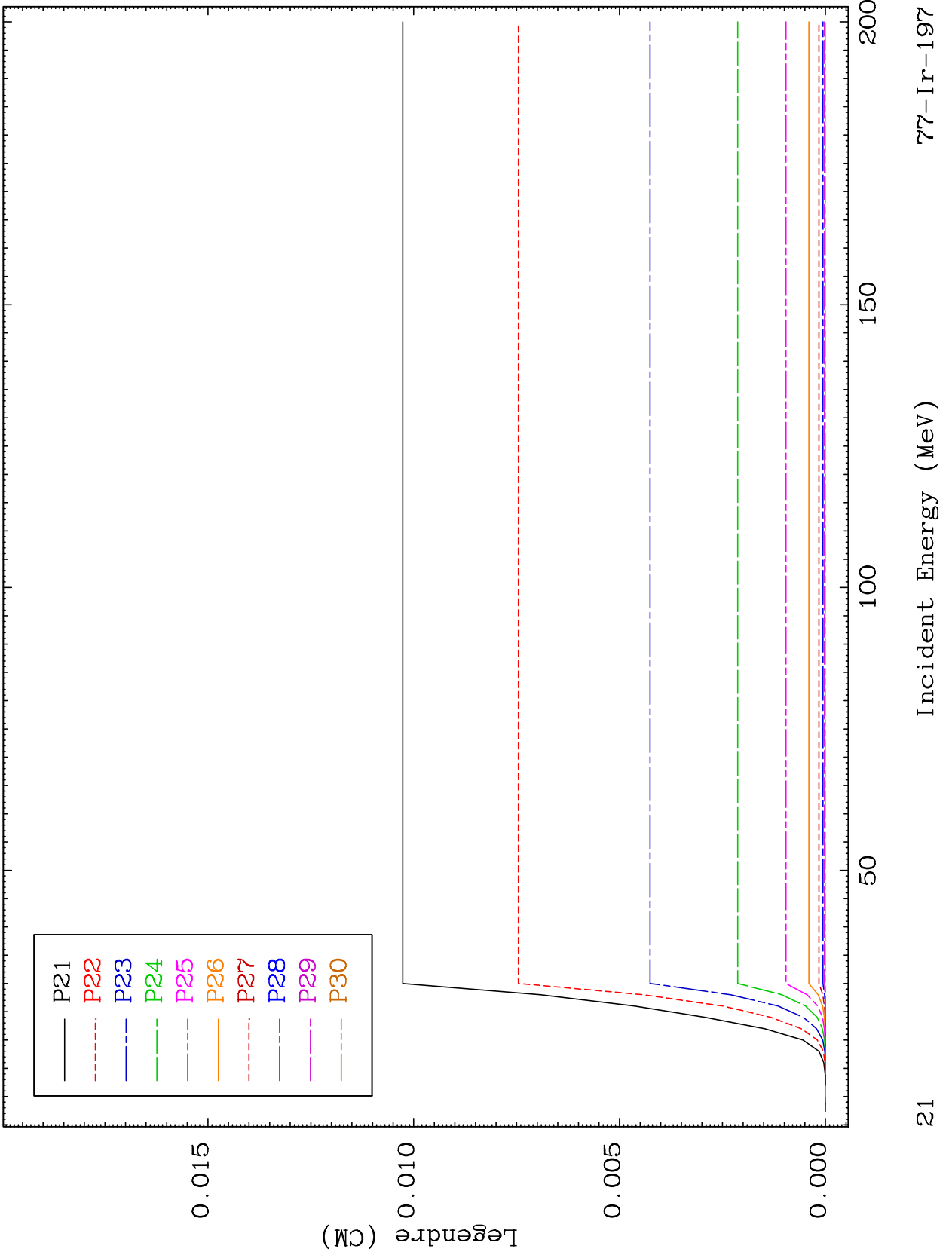
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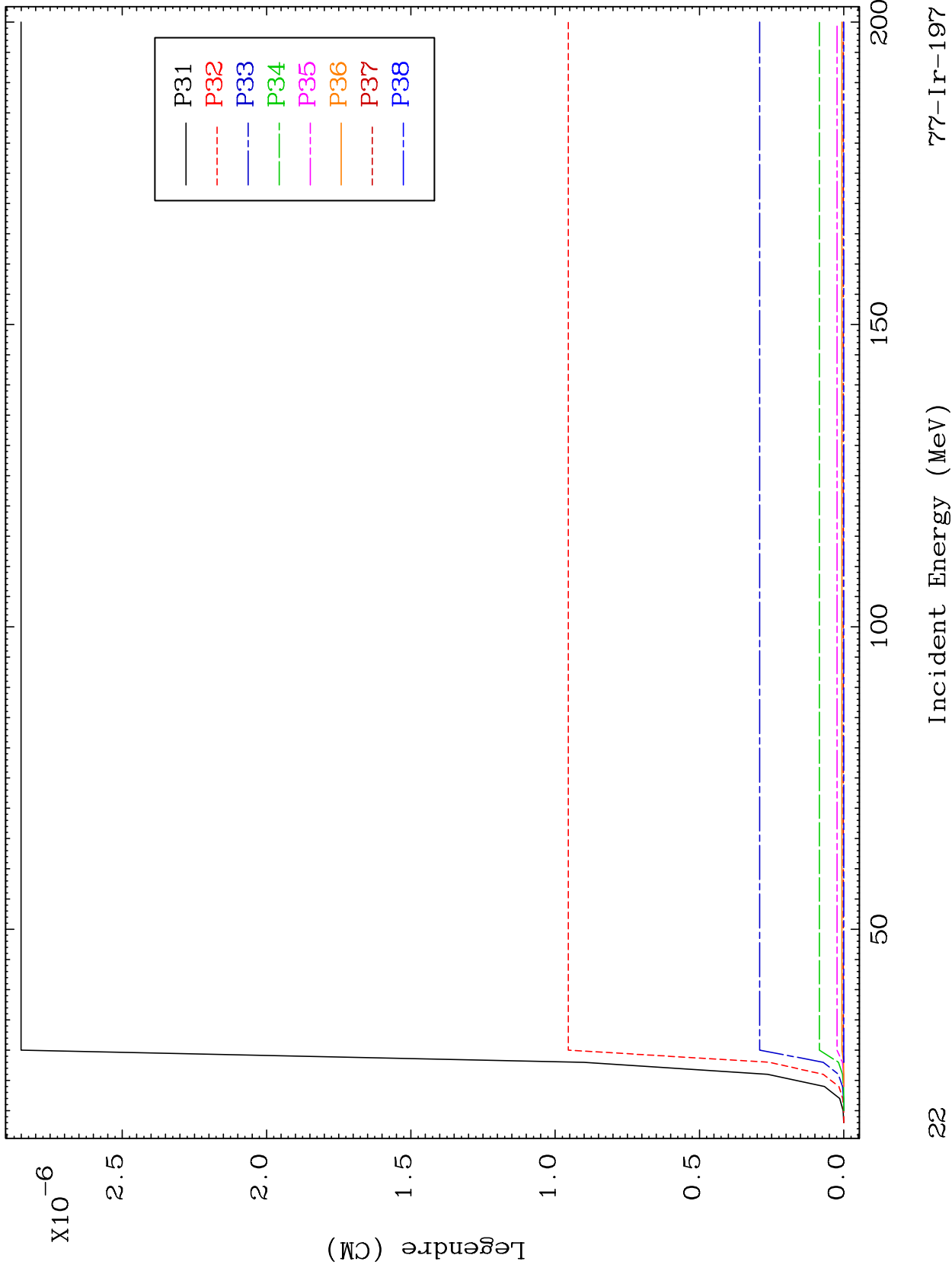


77-Ir-197

Incident Energy (MeV)

20

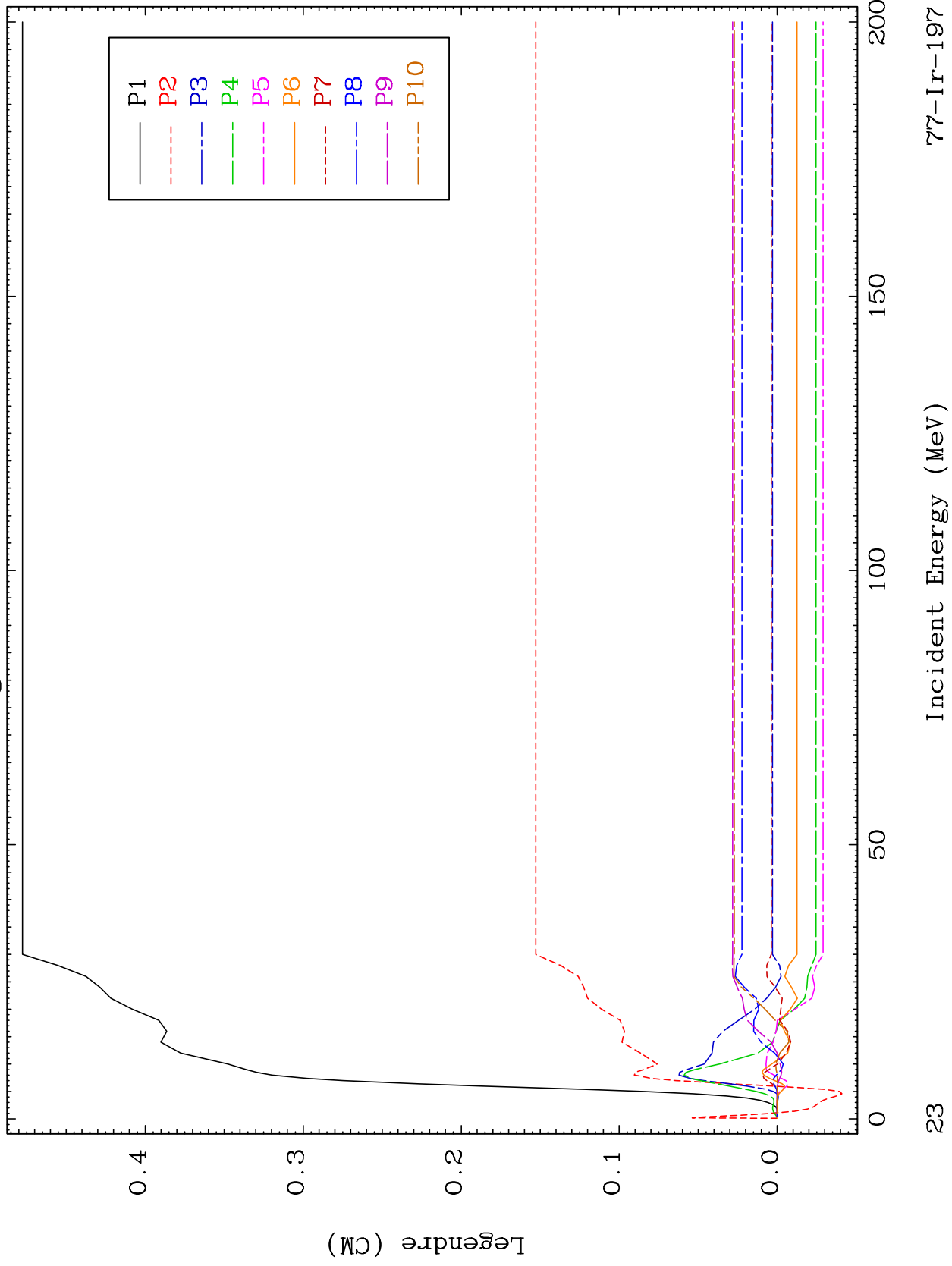




MAT 7743

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

77-Ir-197



77-Ir-197

Incident Energy (MeV)

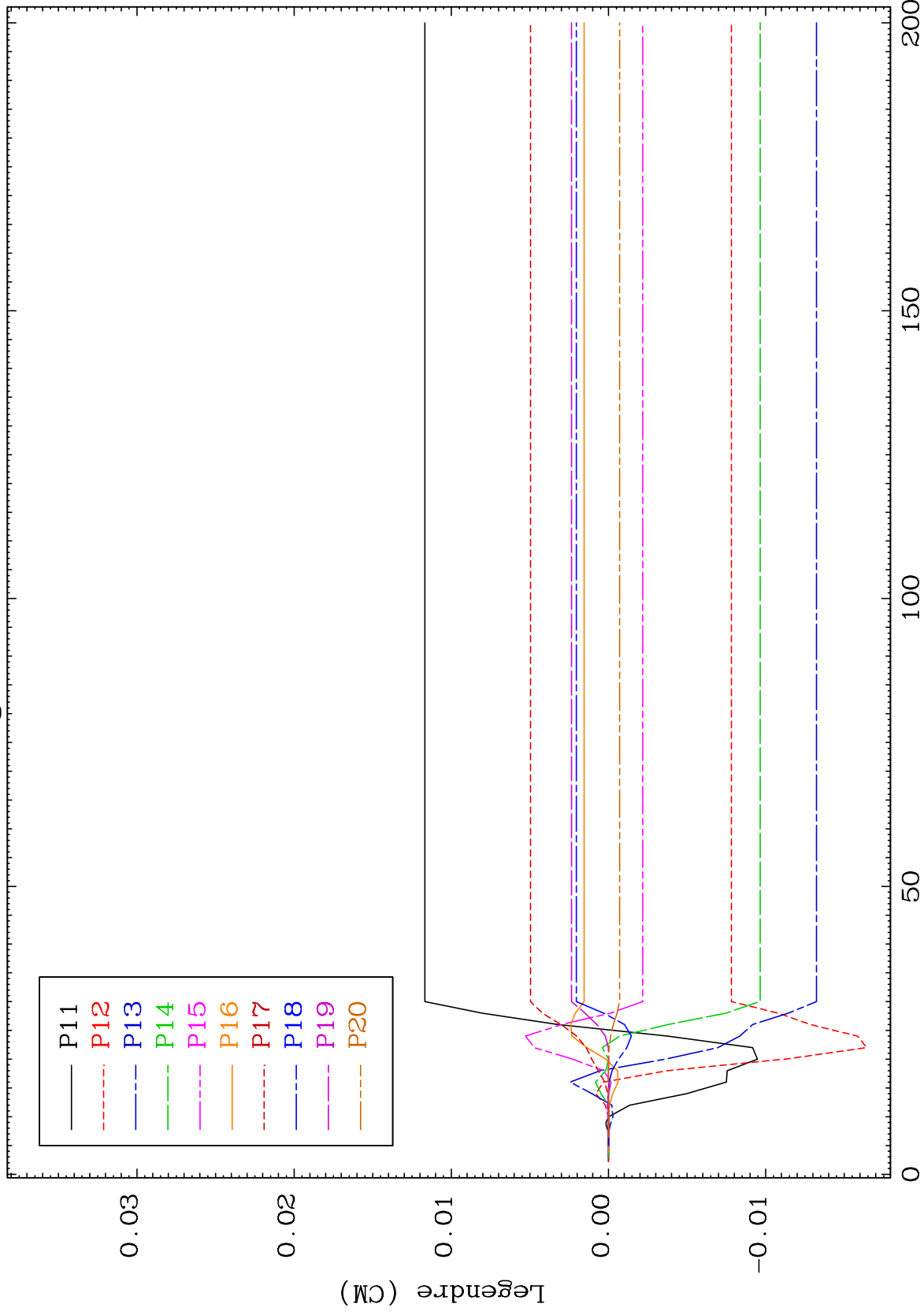
23



MAT 7743

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

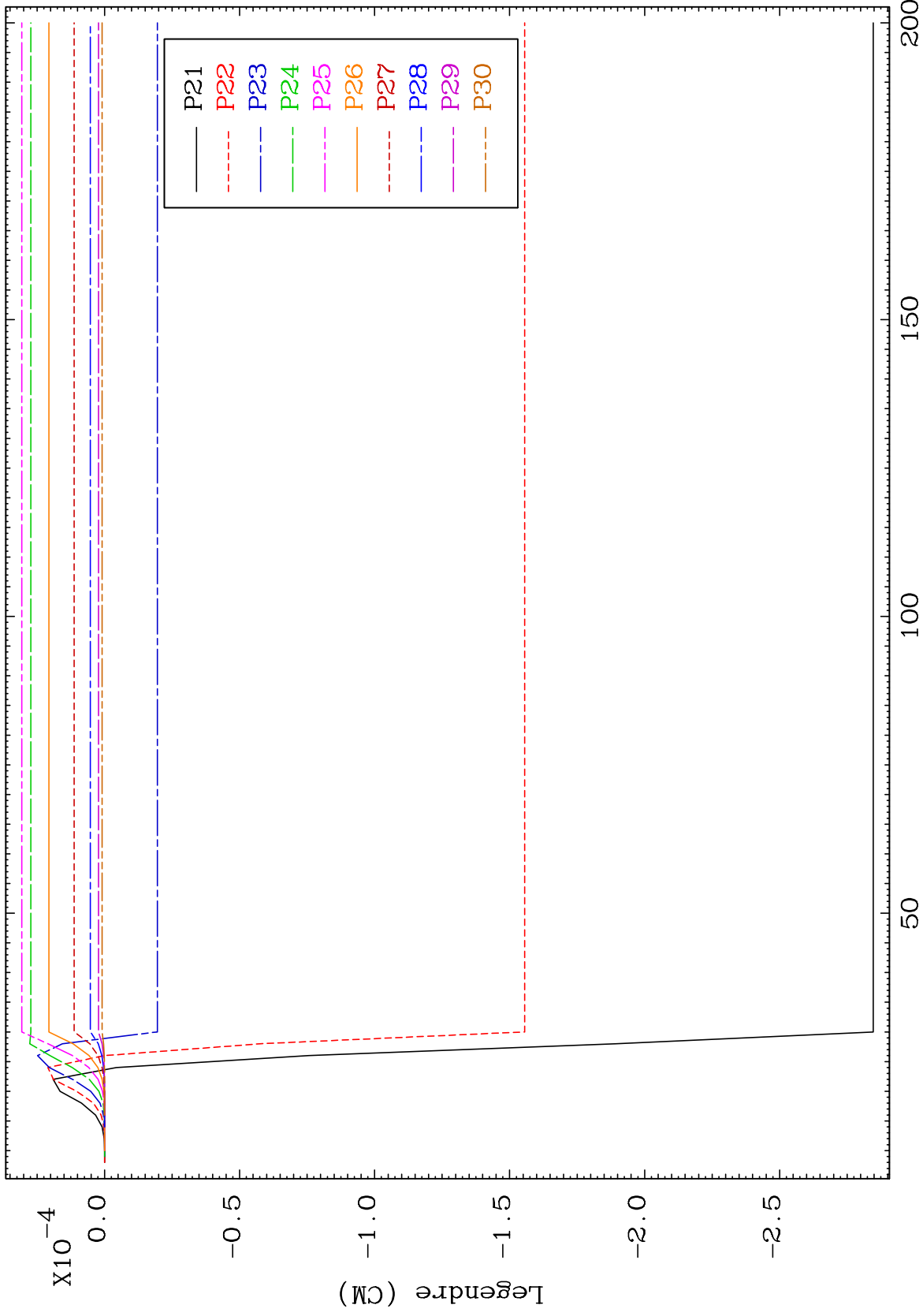
77-Ir-197

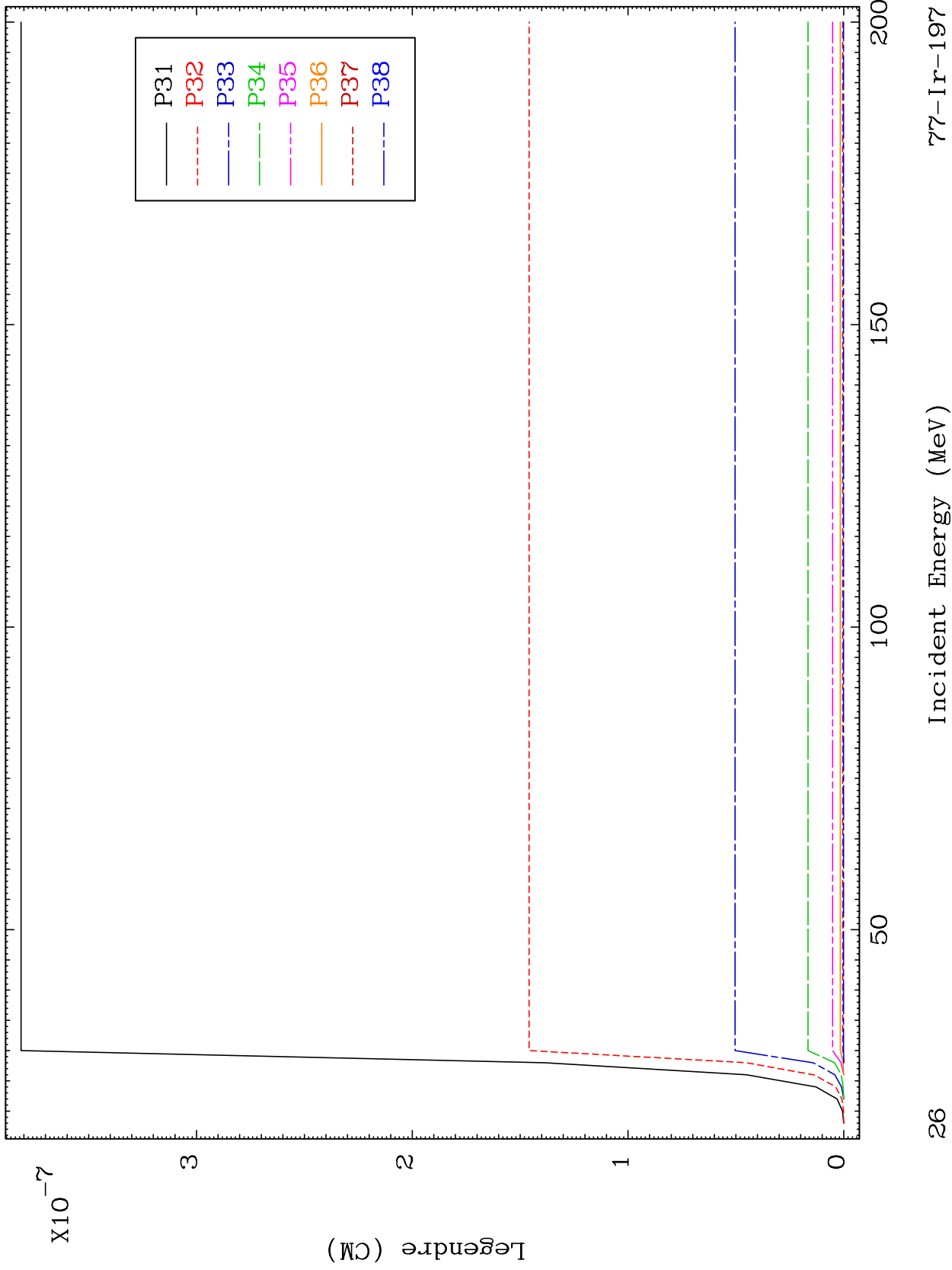


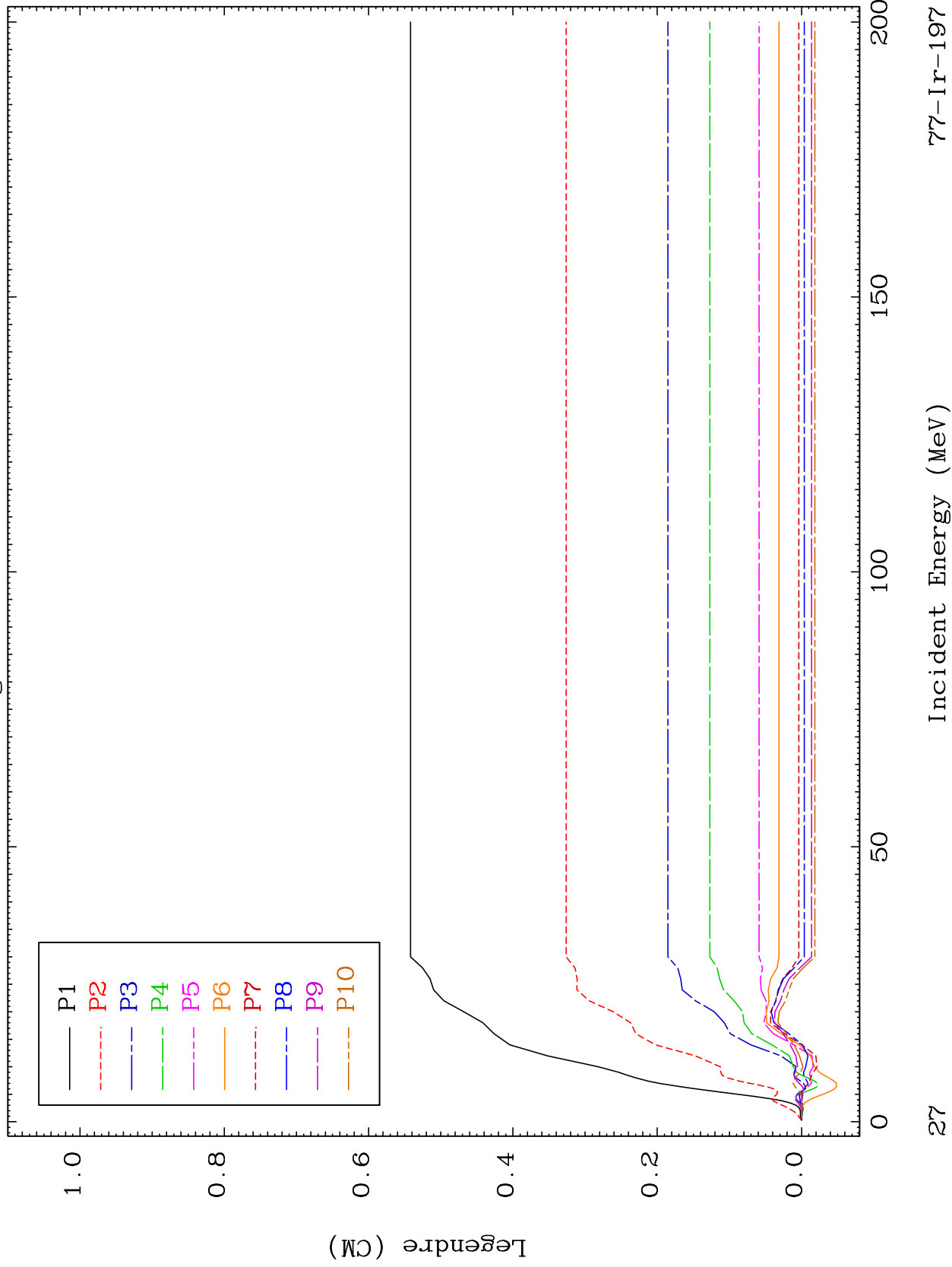
24

Incident Energy (MeV)

77-Ir-197







MAT 7743

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

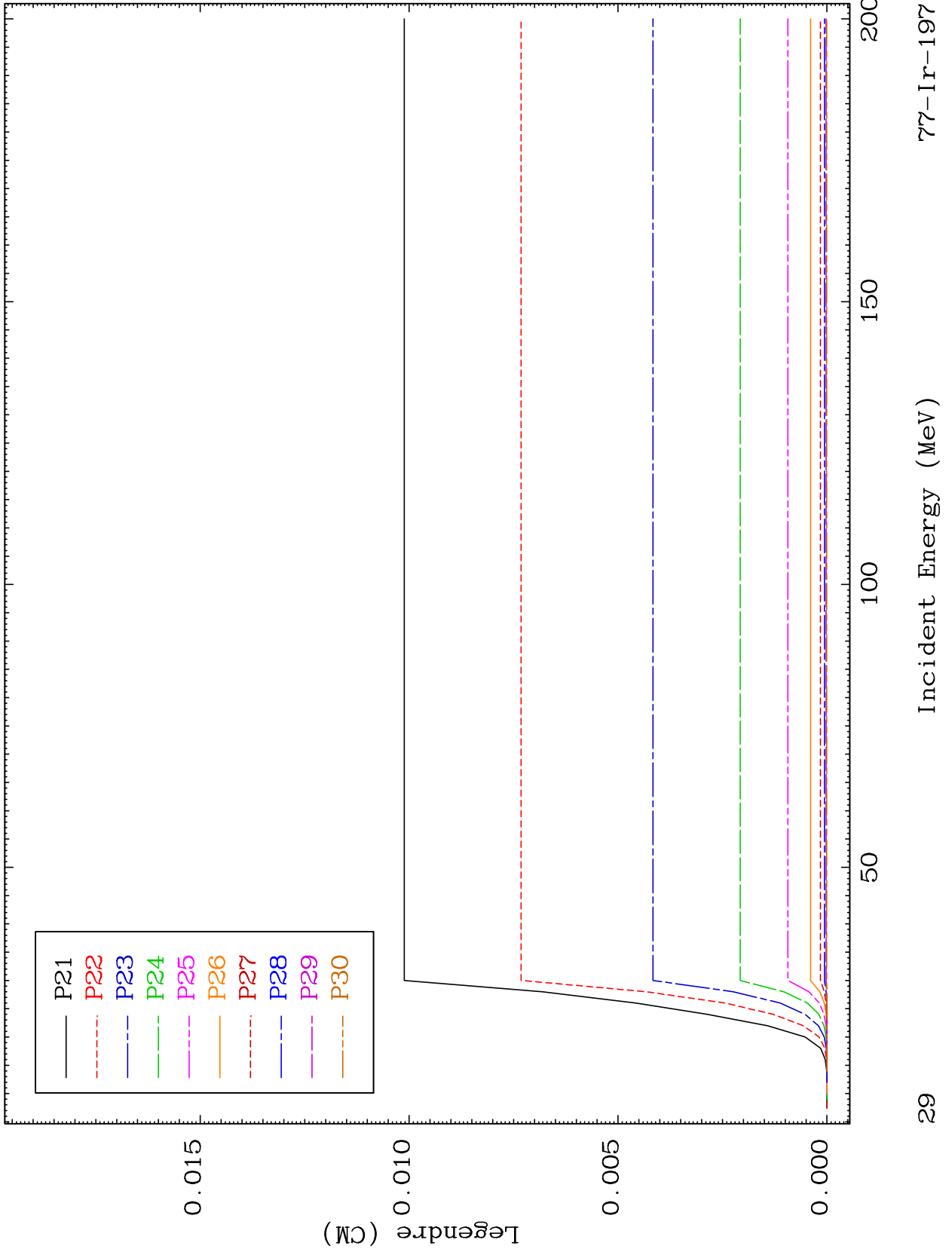
77-Ir-197



28

Incident Energy (MeV)

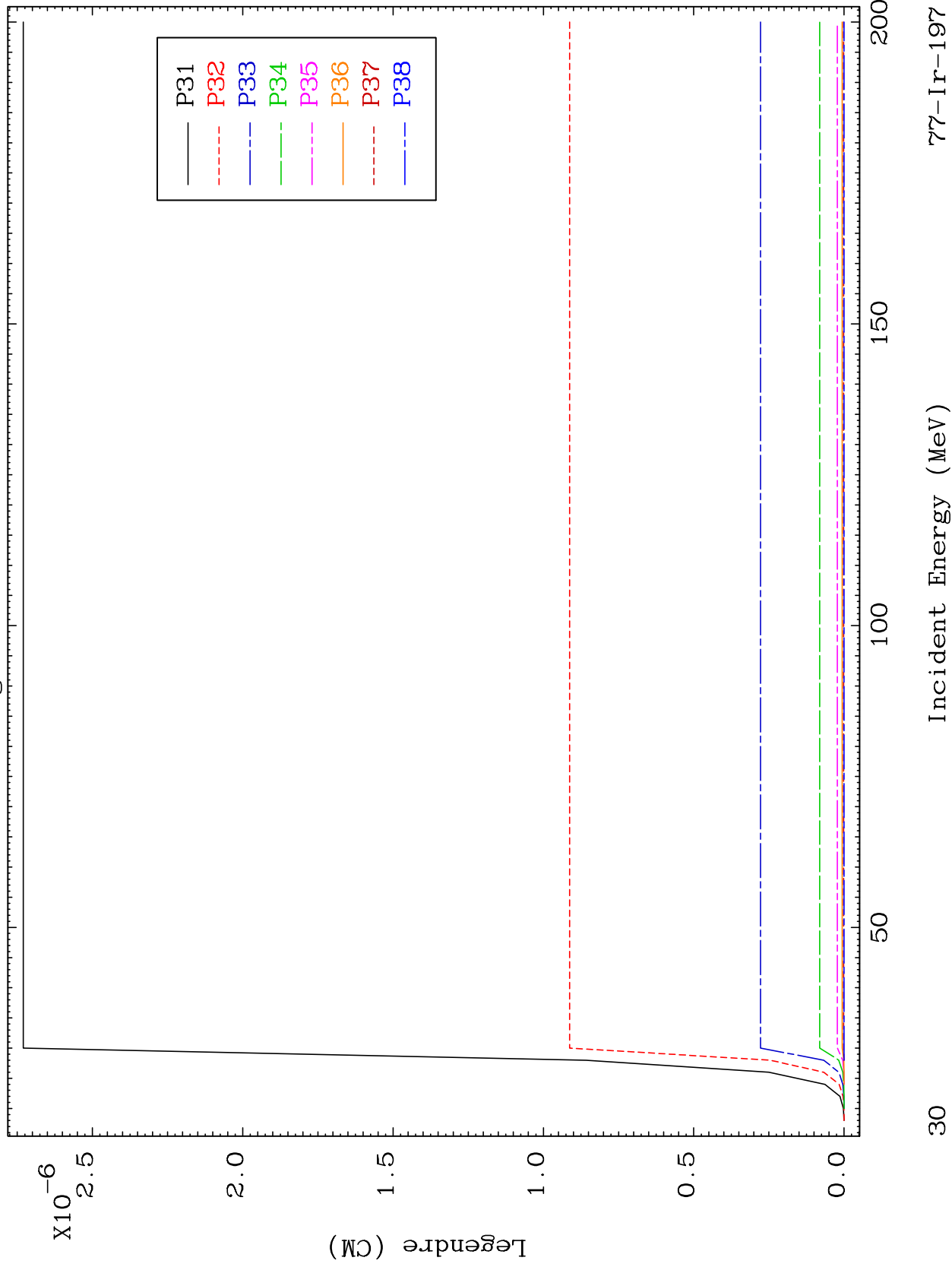
77-Ir-197



MAT 7743

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

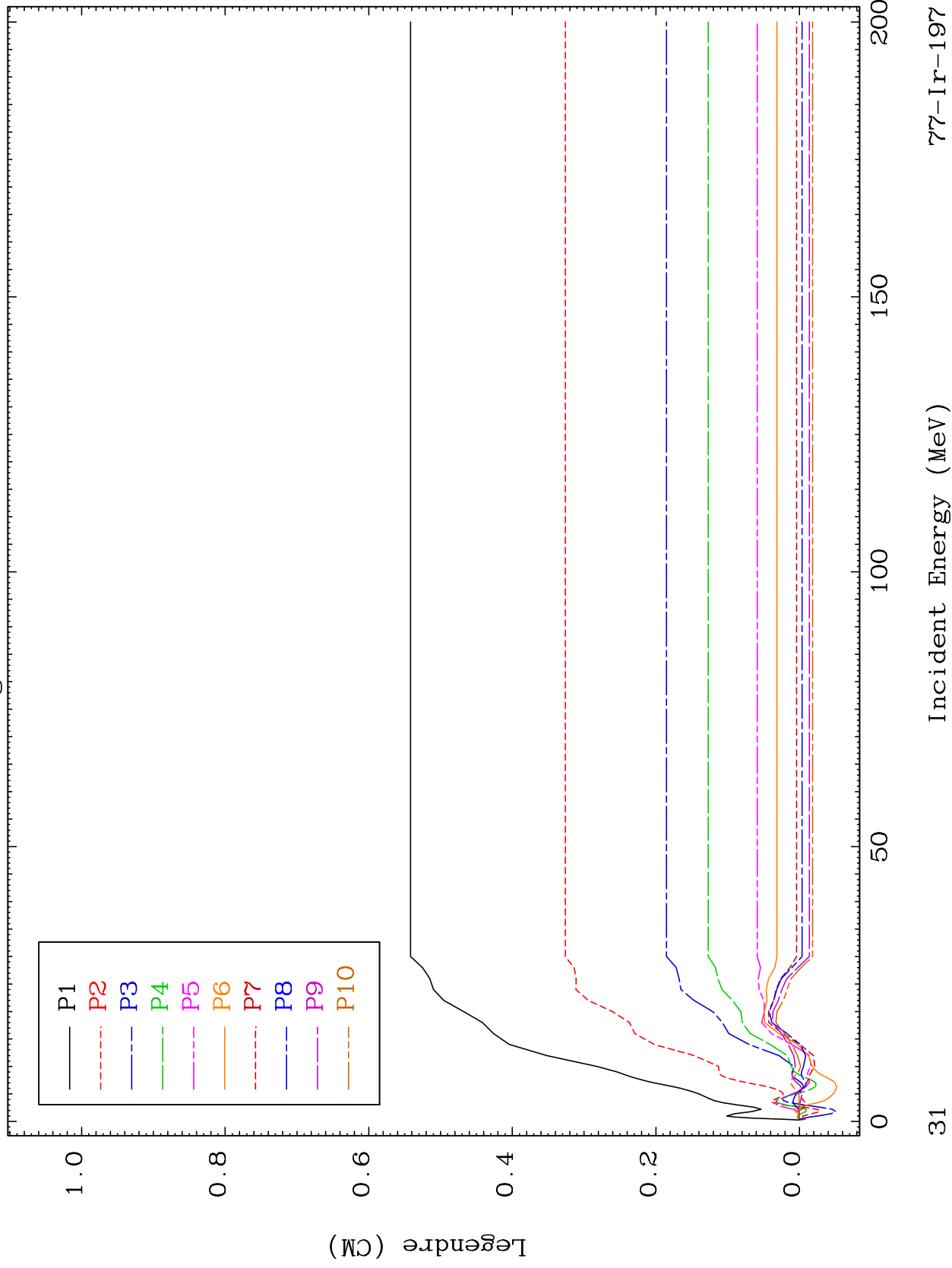
77-Ir-197



77-Ir-197

Incident Energy (MeV)

30

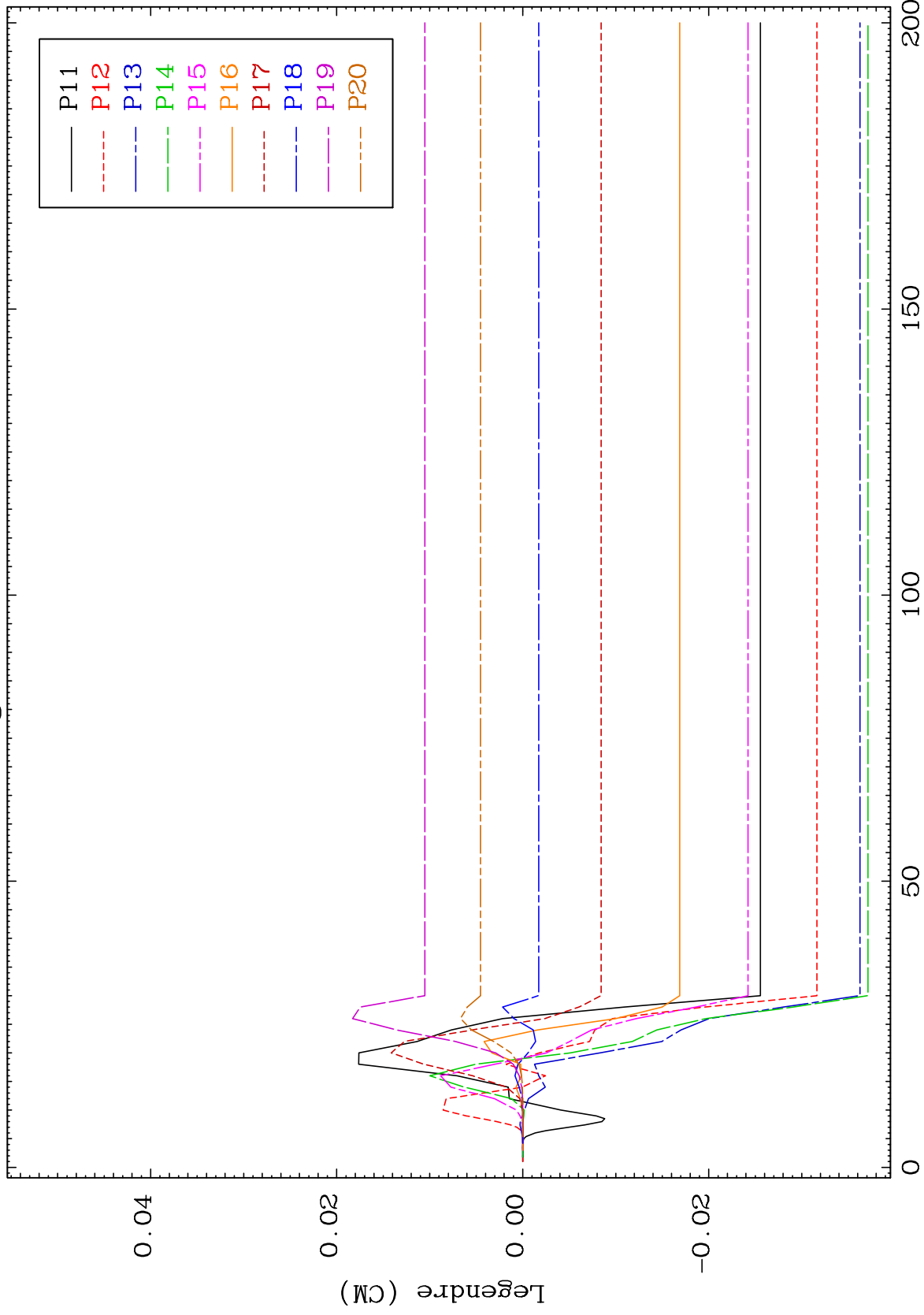




MAT 7743

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

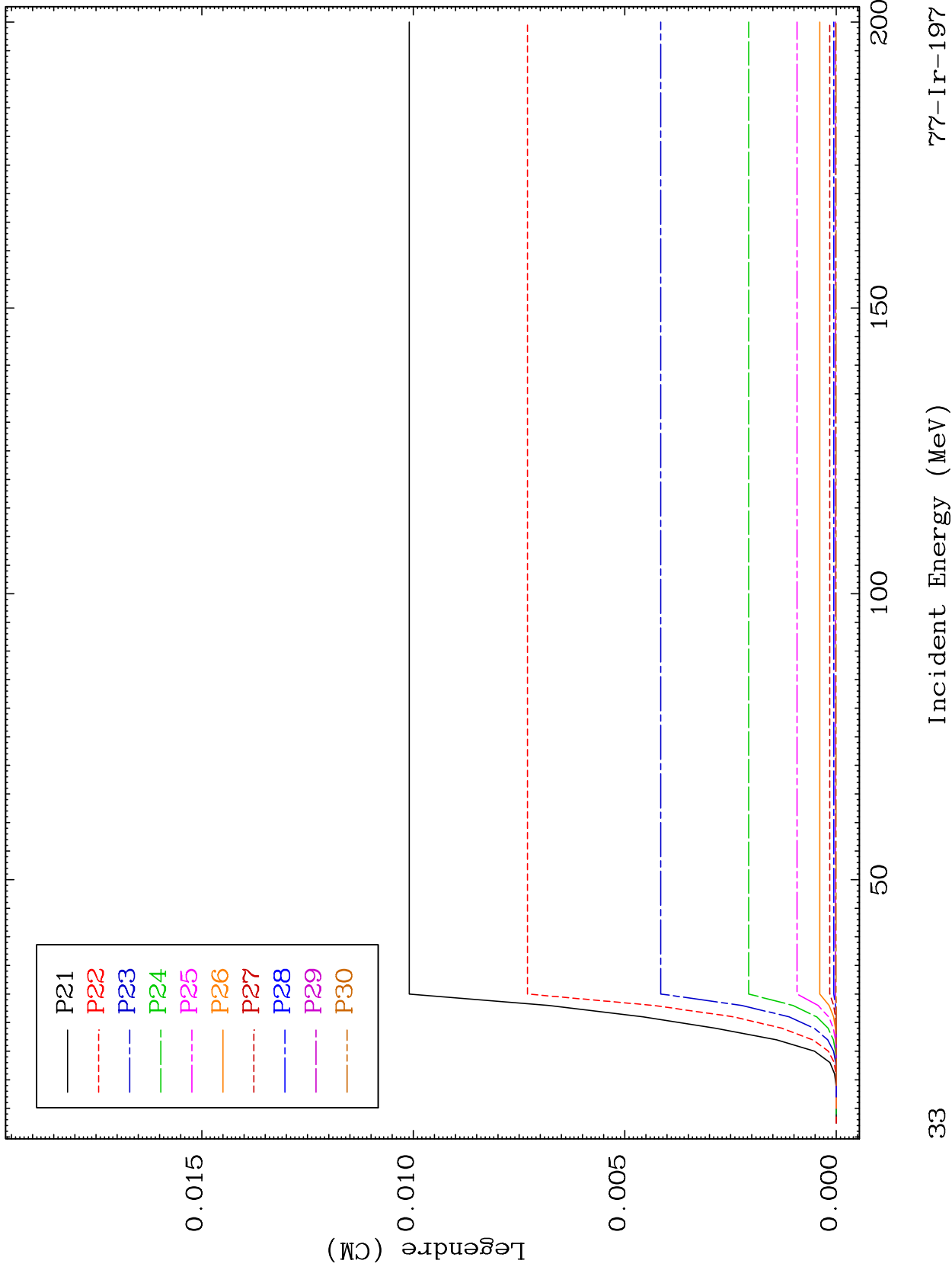
77-Ir-197



32

Incident Energy (MeV)

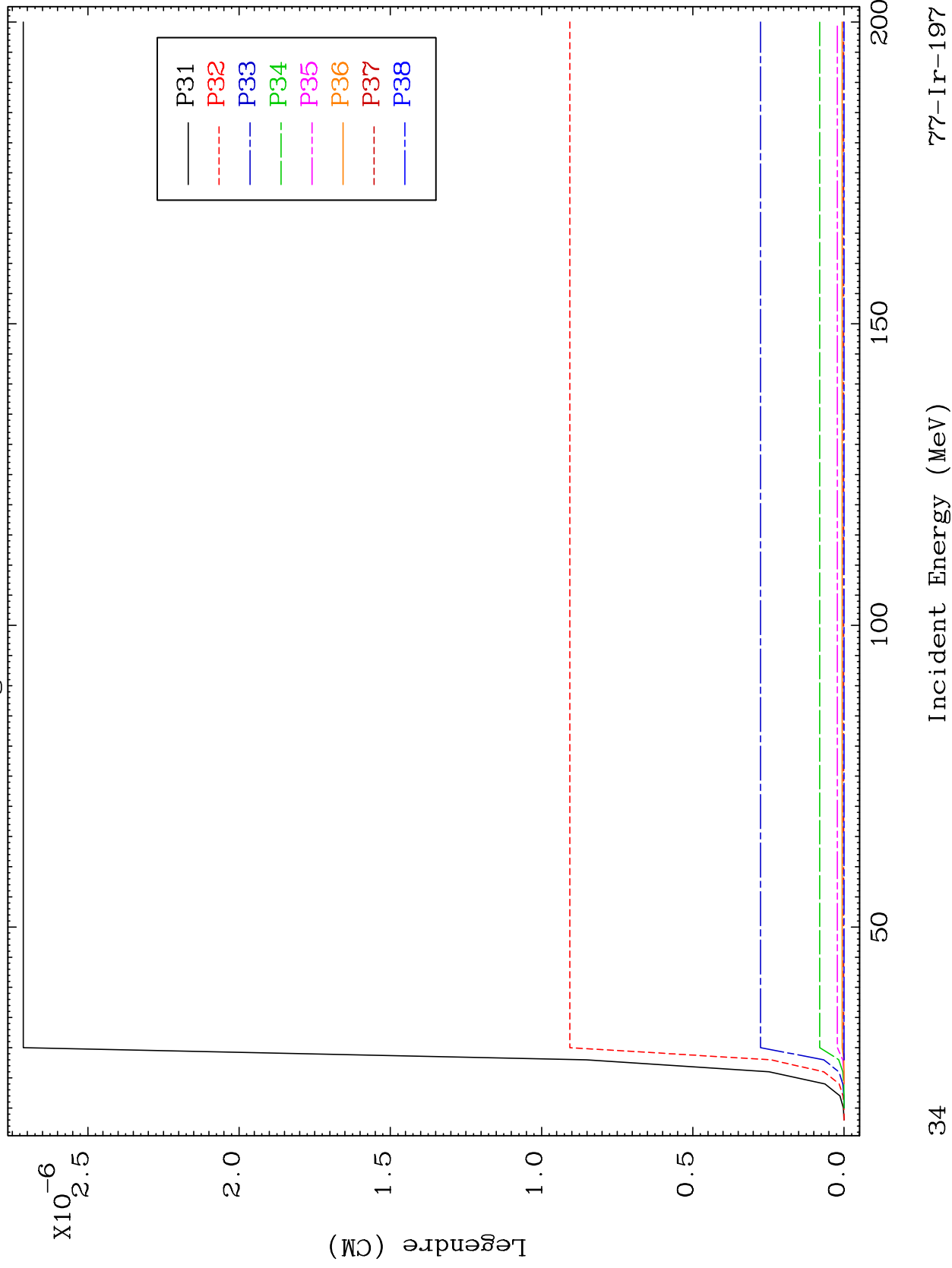
77-Ir-197



MAT 7743

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

77-Ir-197



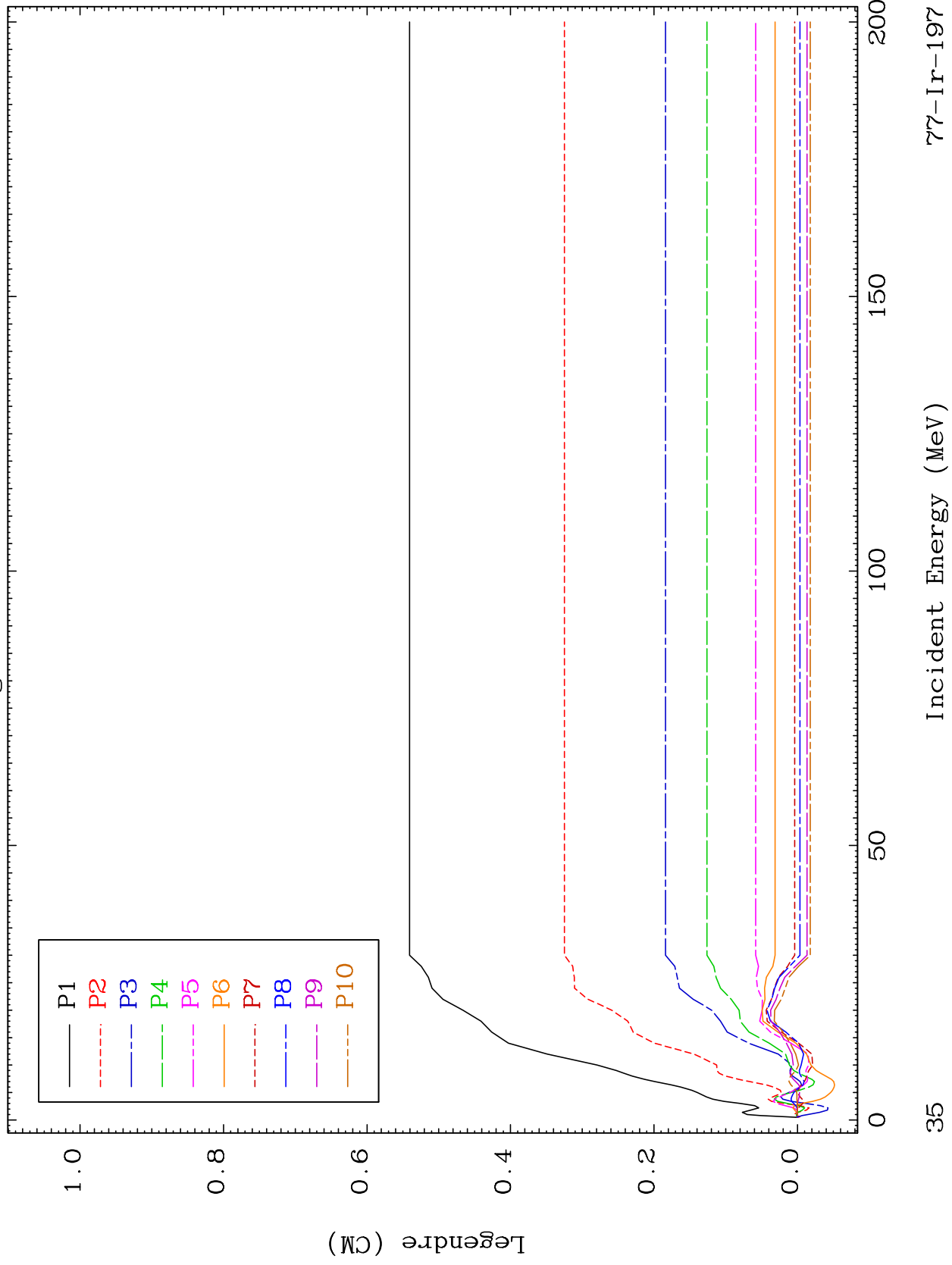
34

77-Ir-197

MAT 7743

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

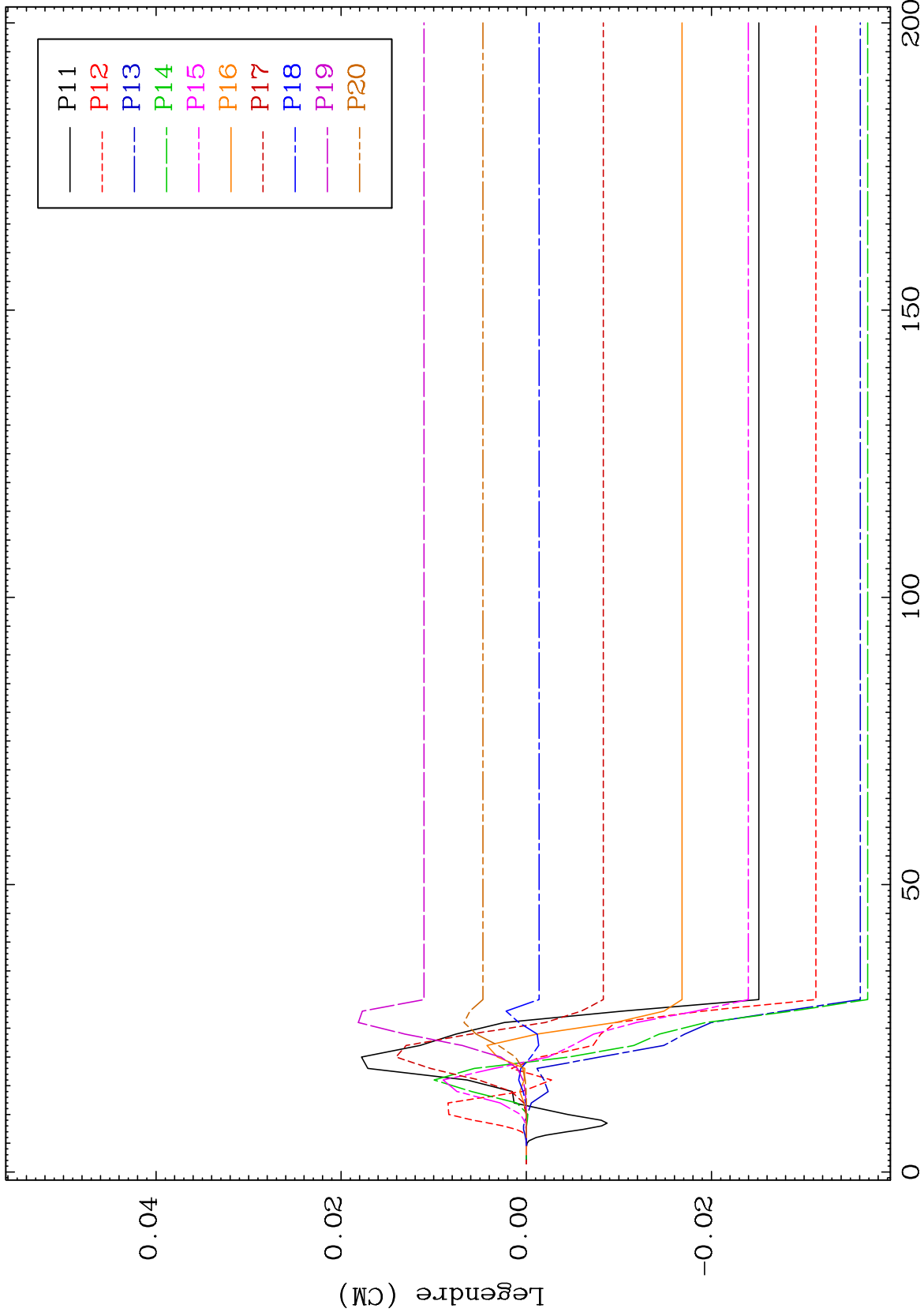
77-Ir-197



35

Incident Energy (MeV)

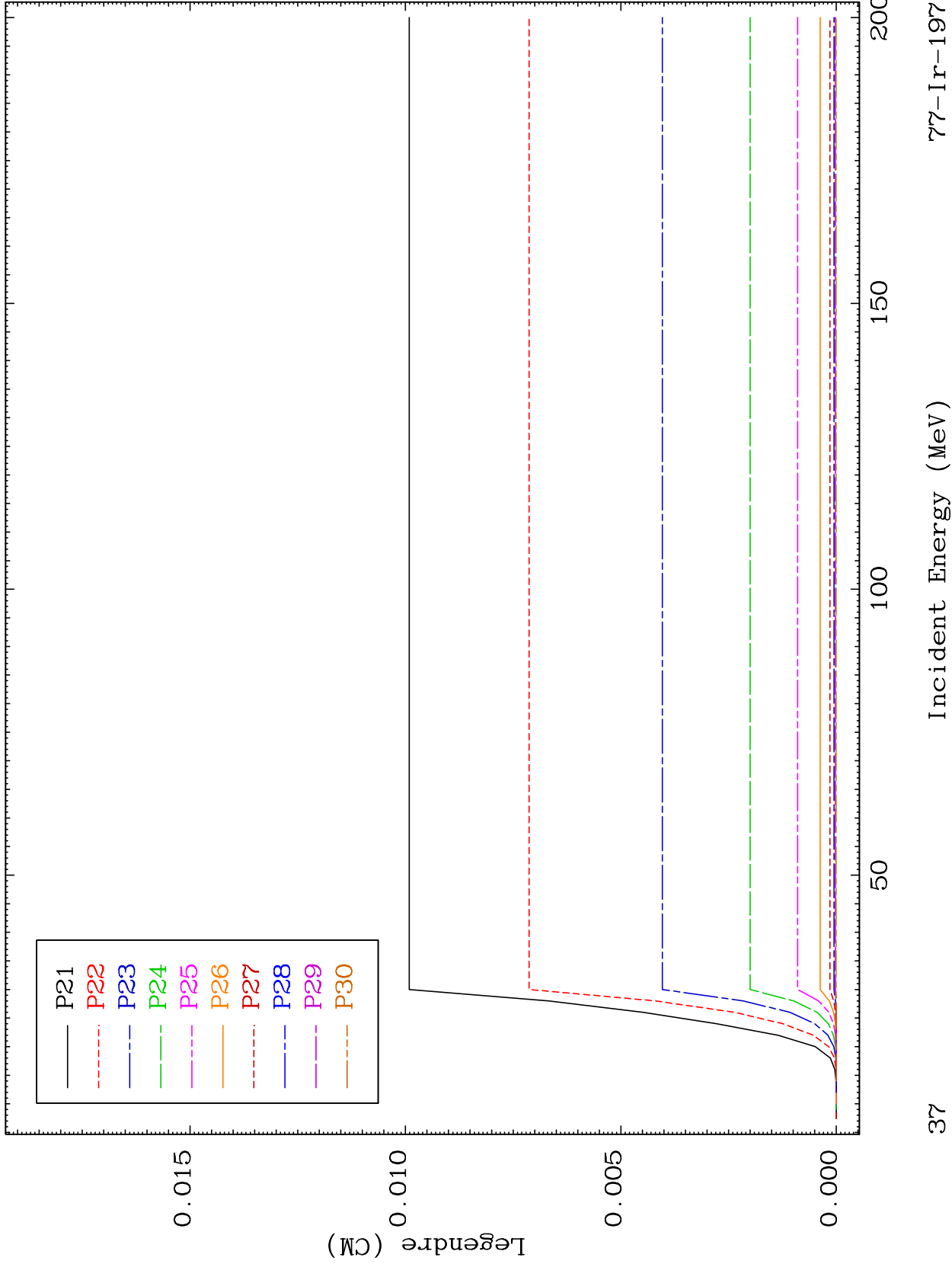
77-Ir-197



MAT 7743

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

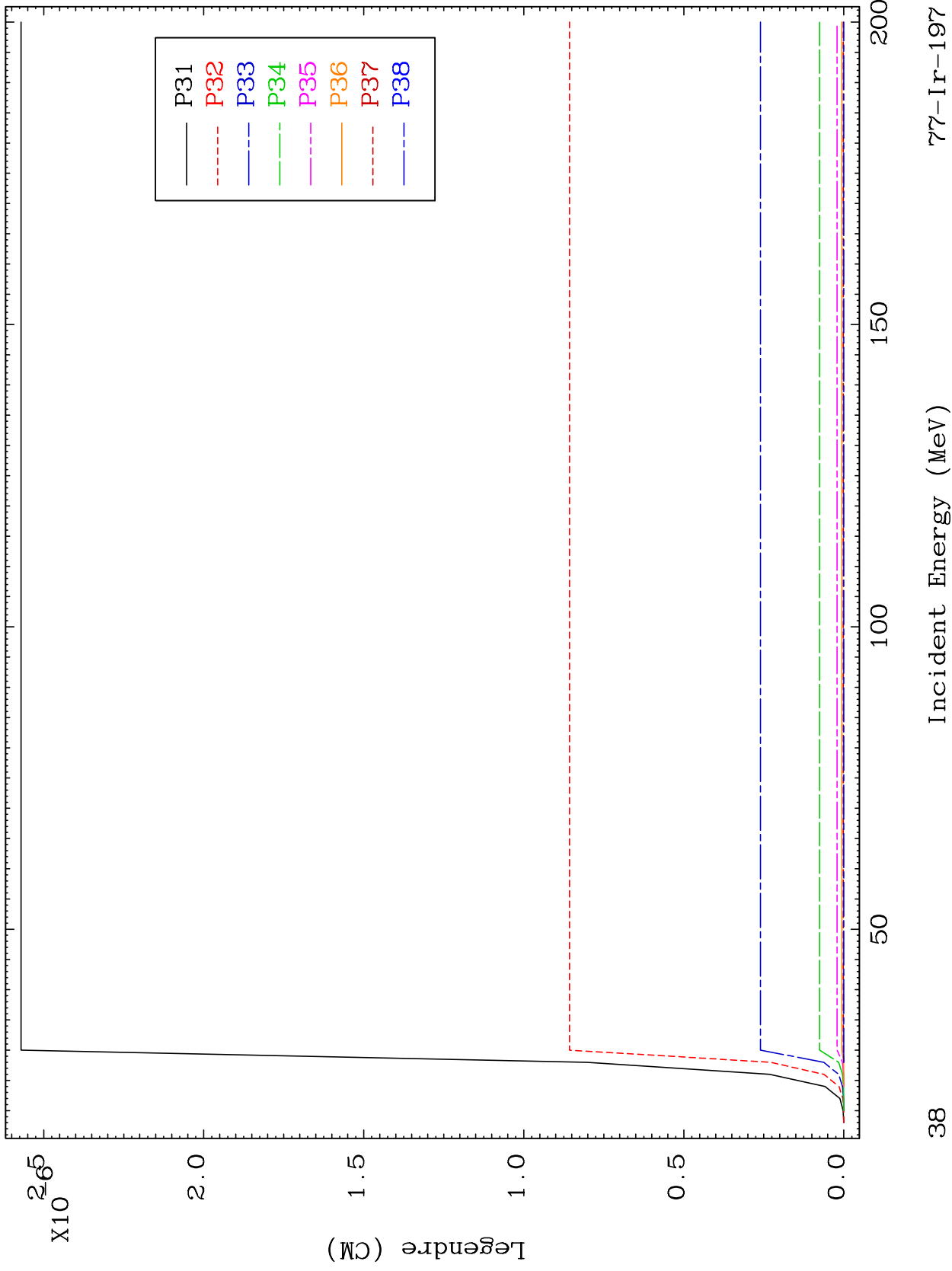
77-Ir-197



37

Incident Energy (MeV)

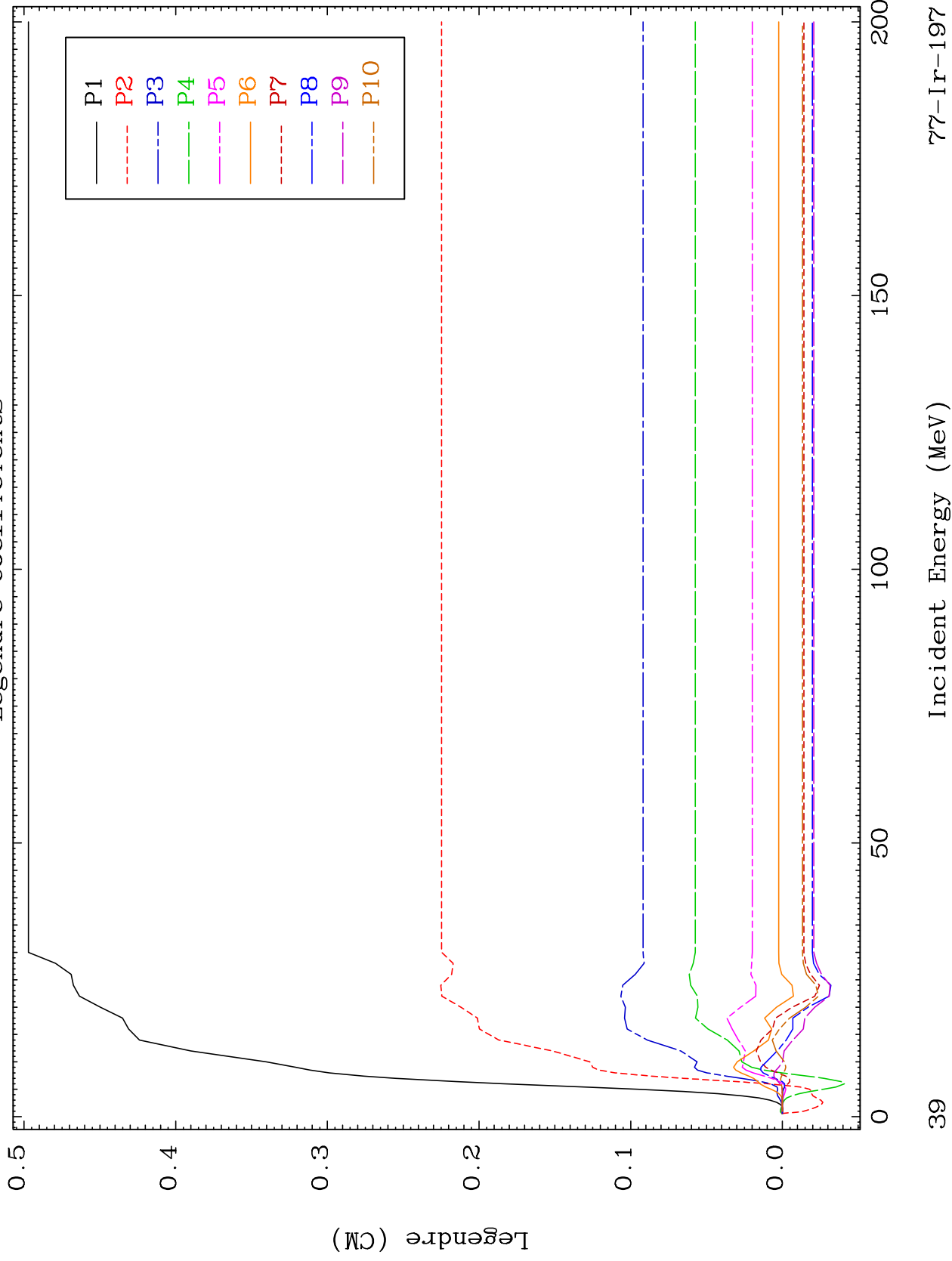
77-Ir-197



MAT 7743

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

77-Ir-197



77-Ir-197

Incident Energy (MeV)

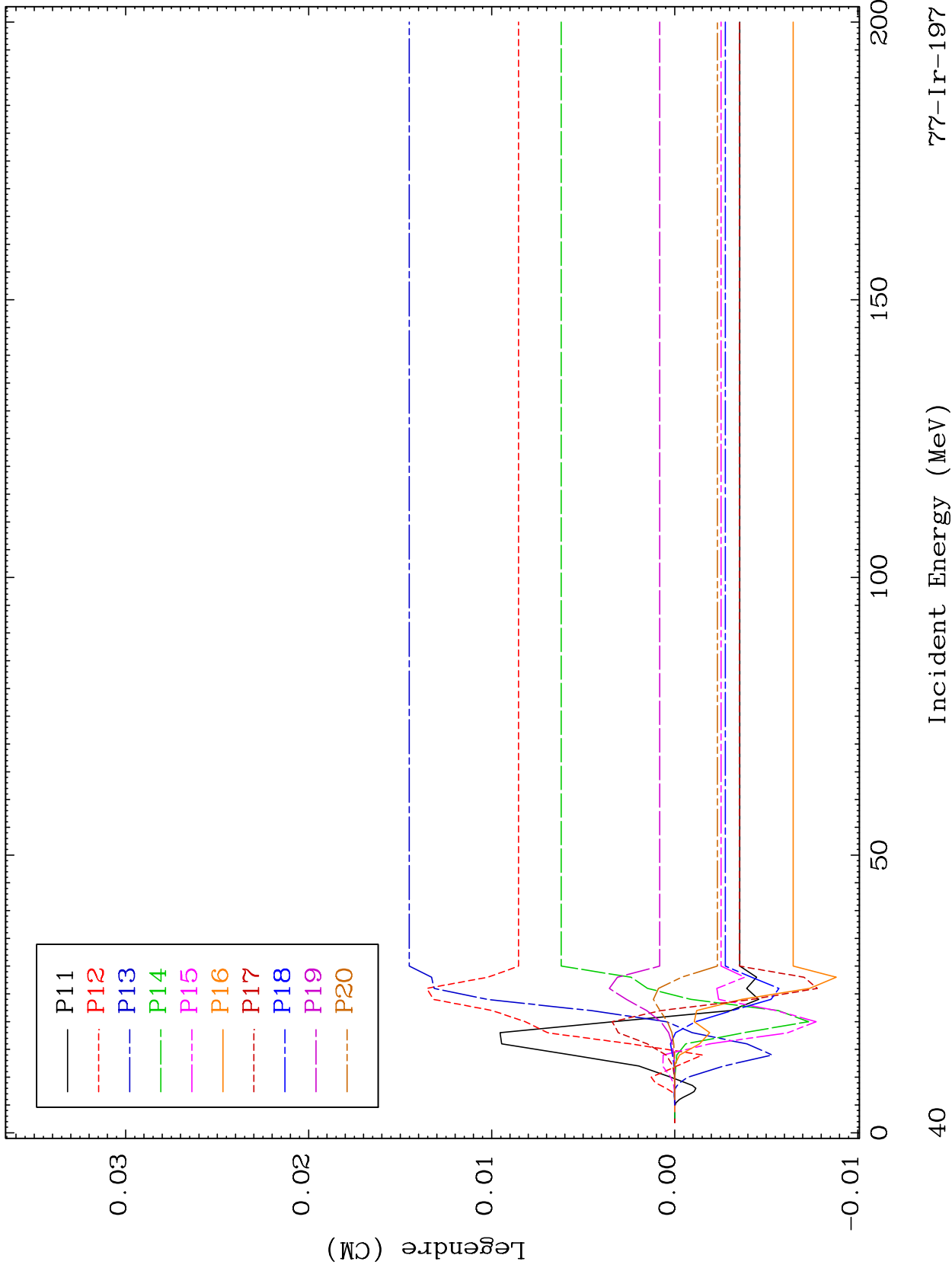
39



MAT 7743

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

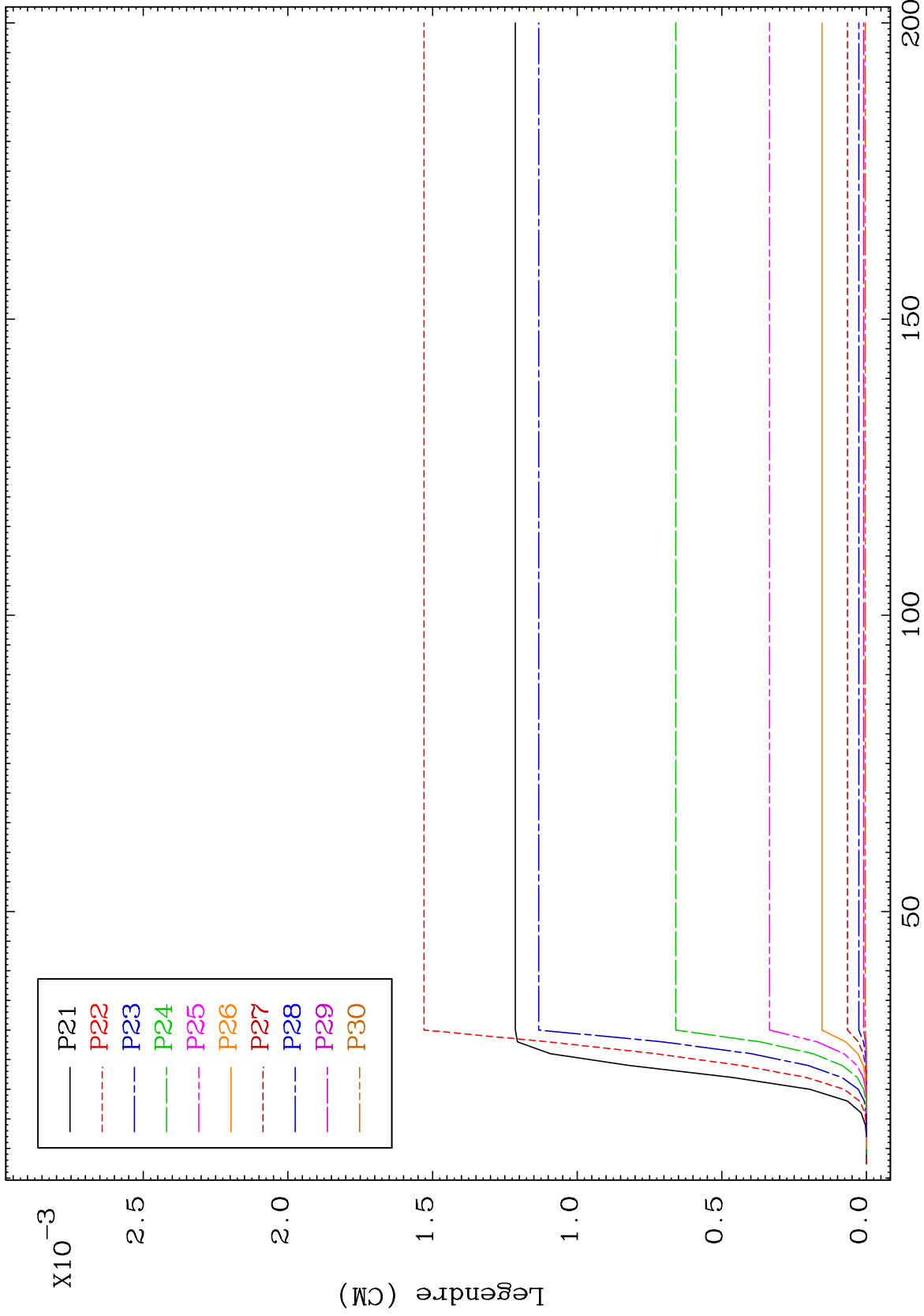
77-Ir-197



77-Ir-197

Incident Energy (MeV)

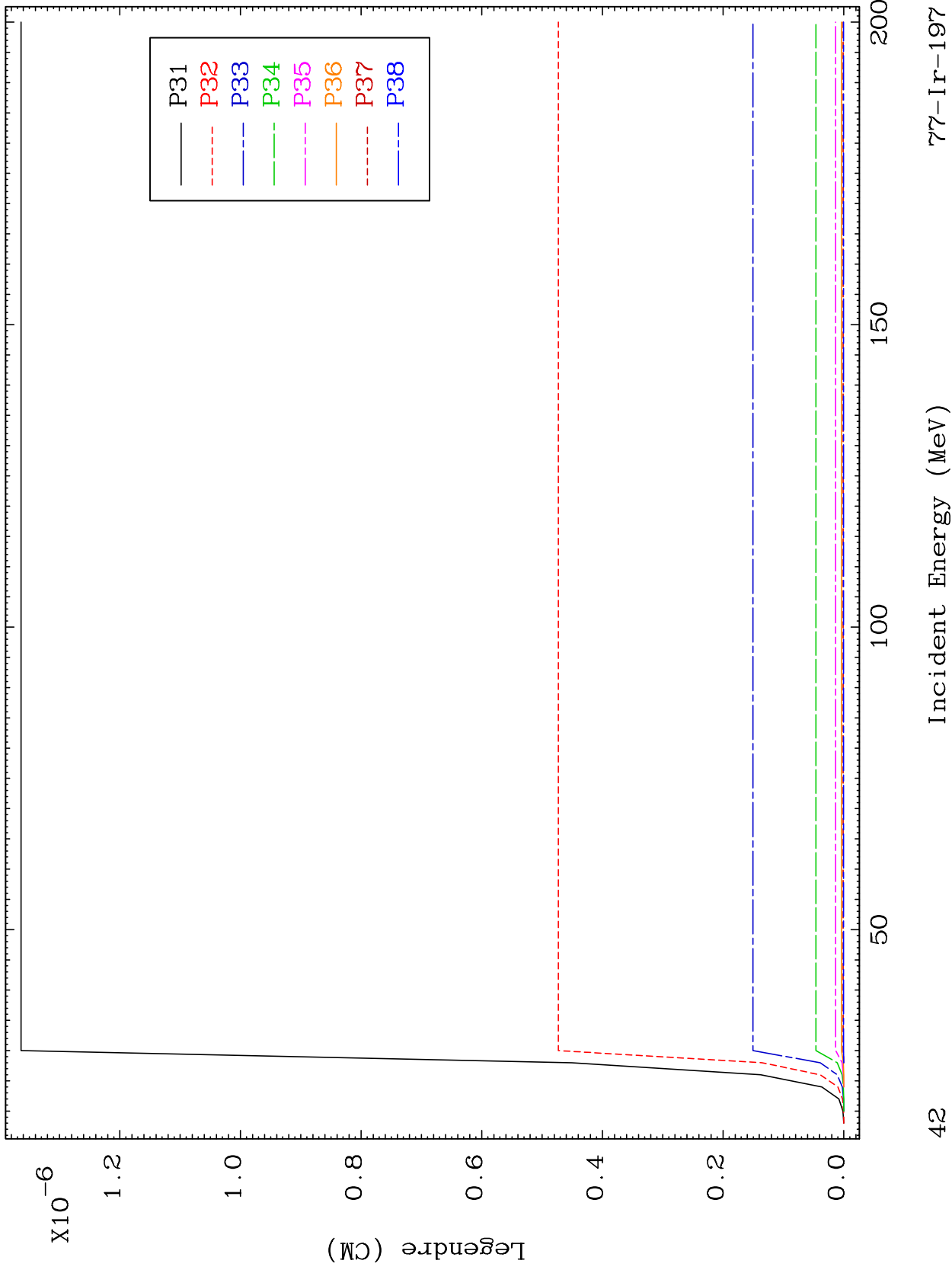
40



MAT 7743

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

77-Ir-197

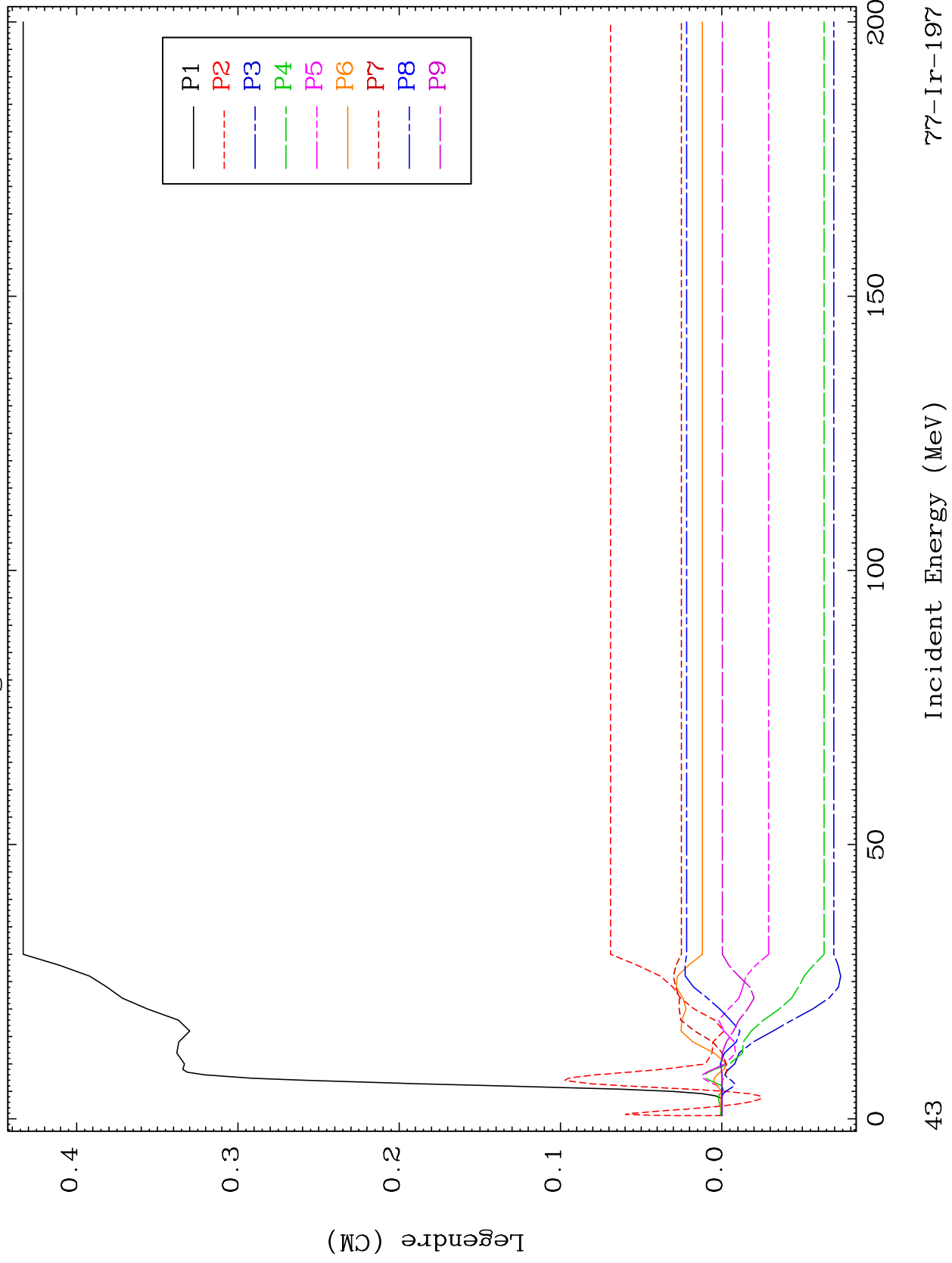


42

MAT 7743

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

77-Ir-197



77-Ir-197

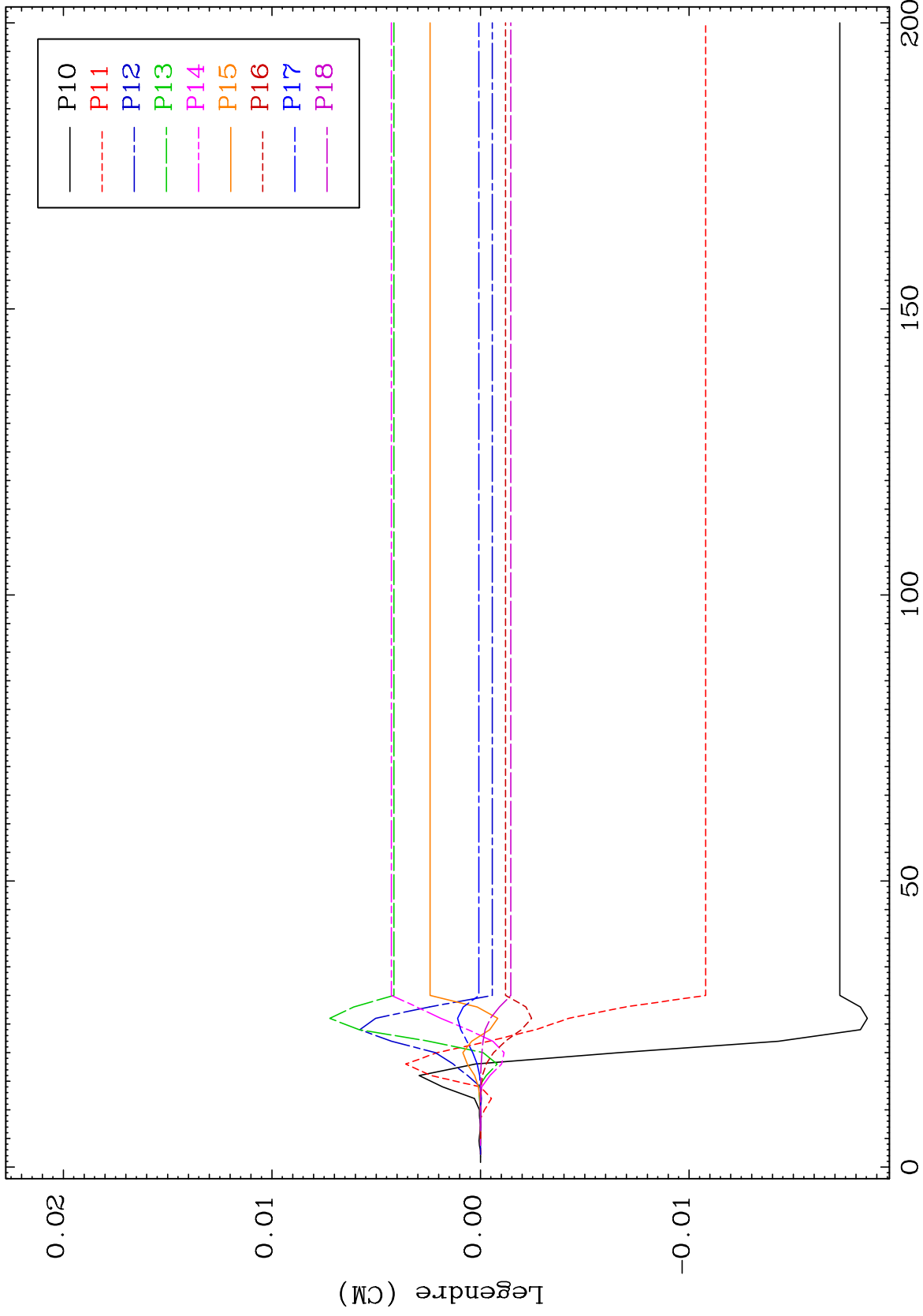
Incident Energy (MeV)

43

MAT 7743

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

77-Ir-197



44

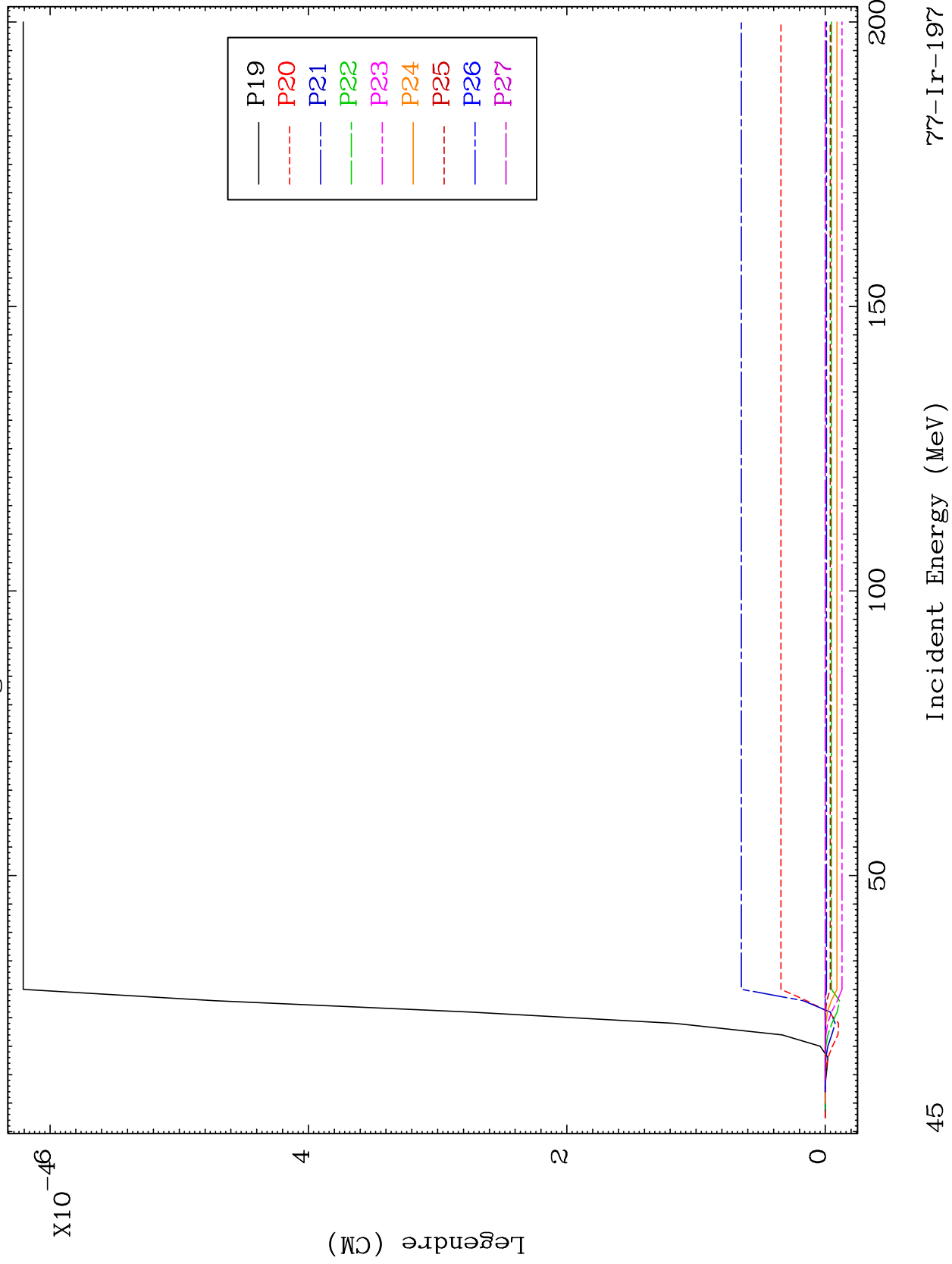
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



45

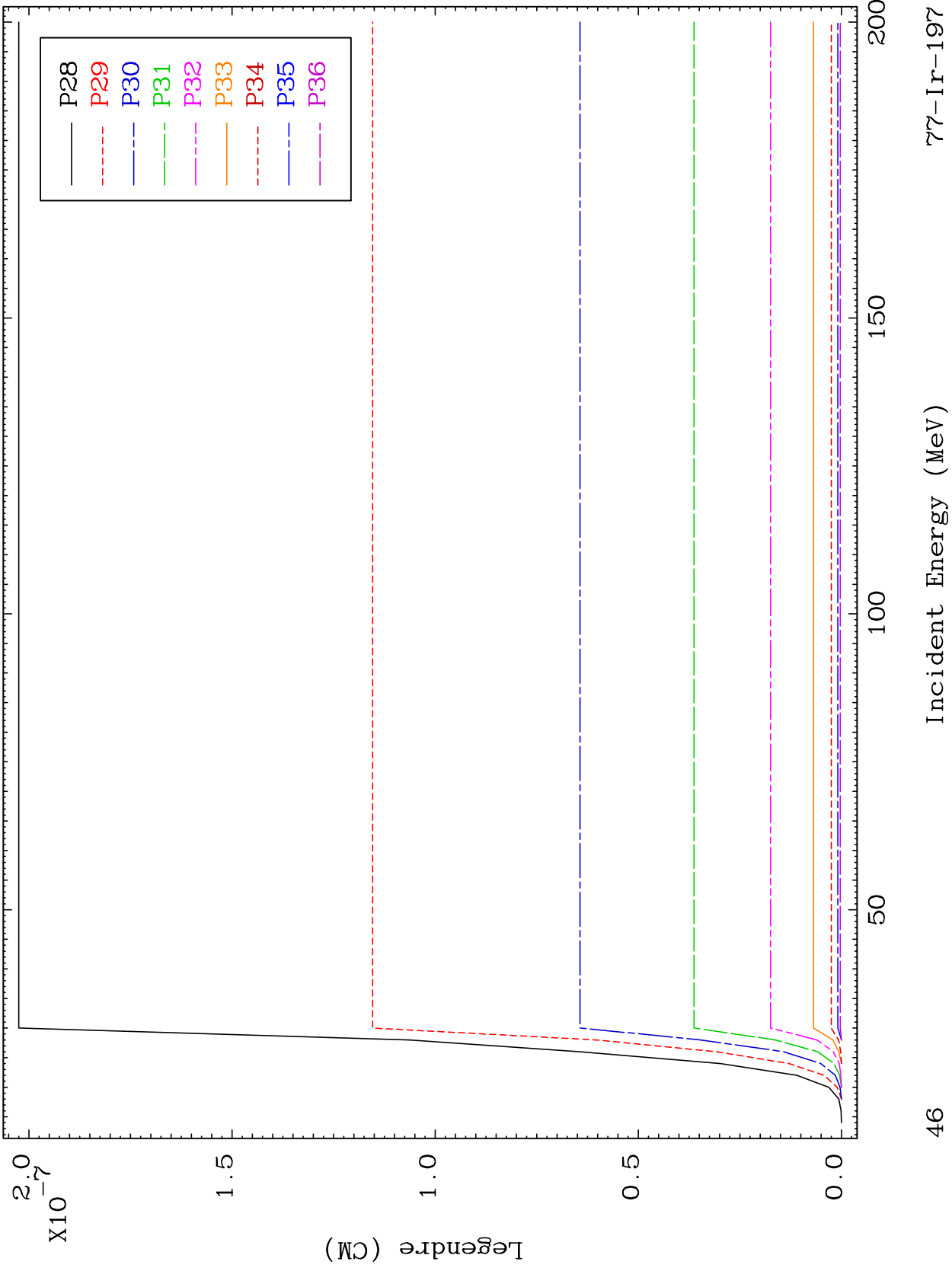
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



46

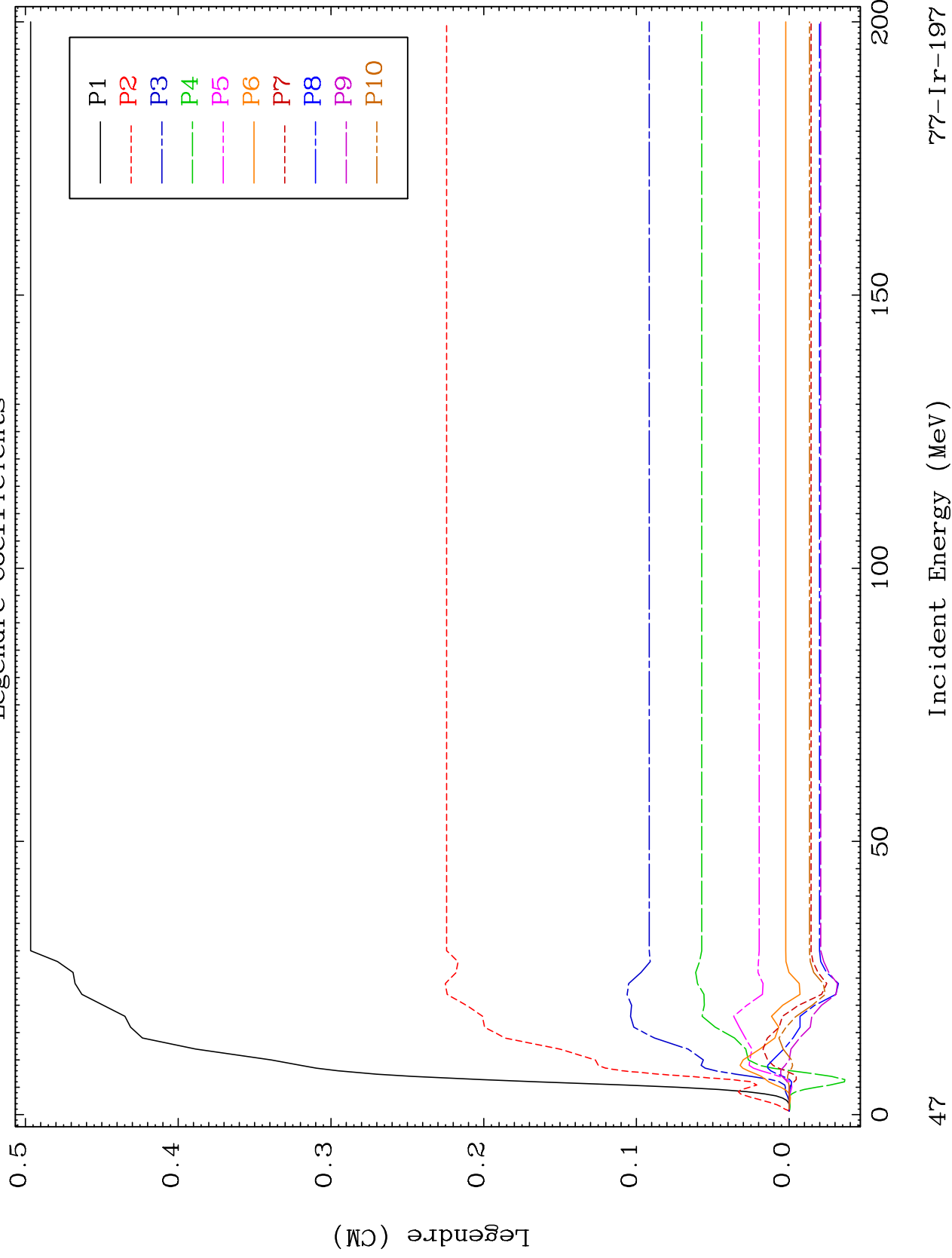
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



77-Ir-197

Incident Energy (MeV)

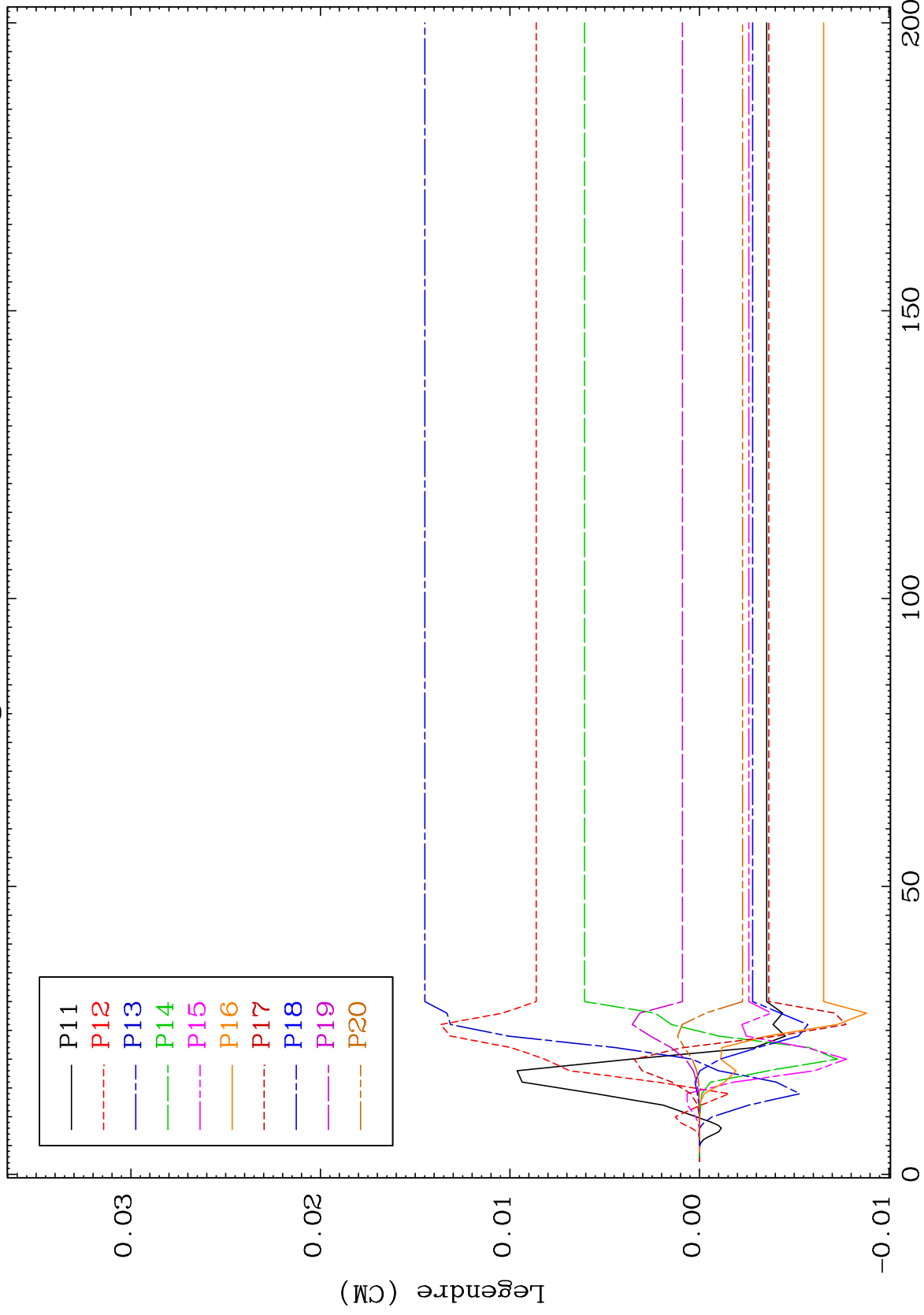
47



MAT 7743

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

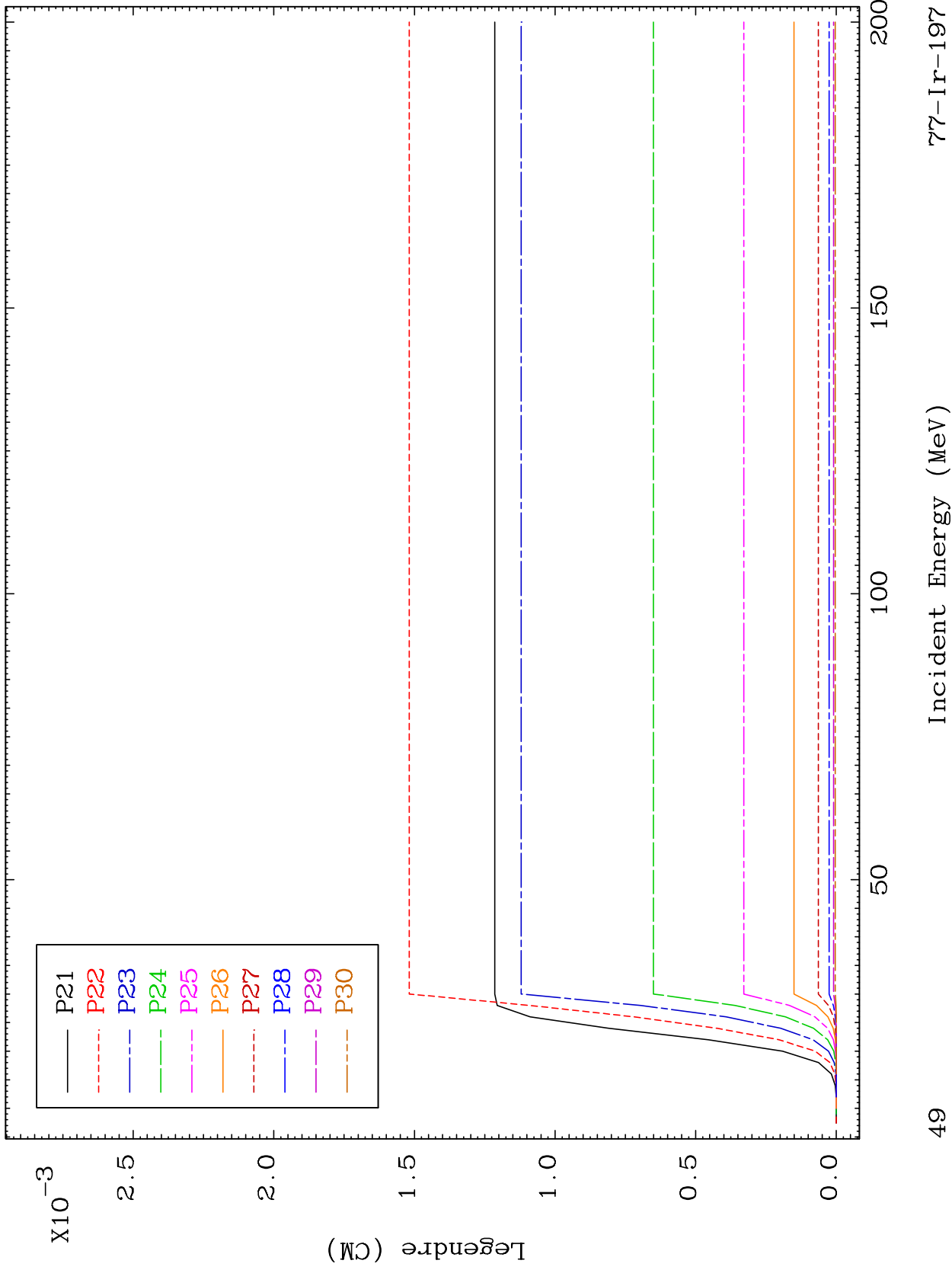
77-Ir-197



48

Incident Energy (MeV)

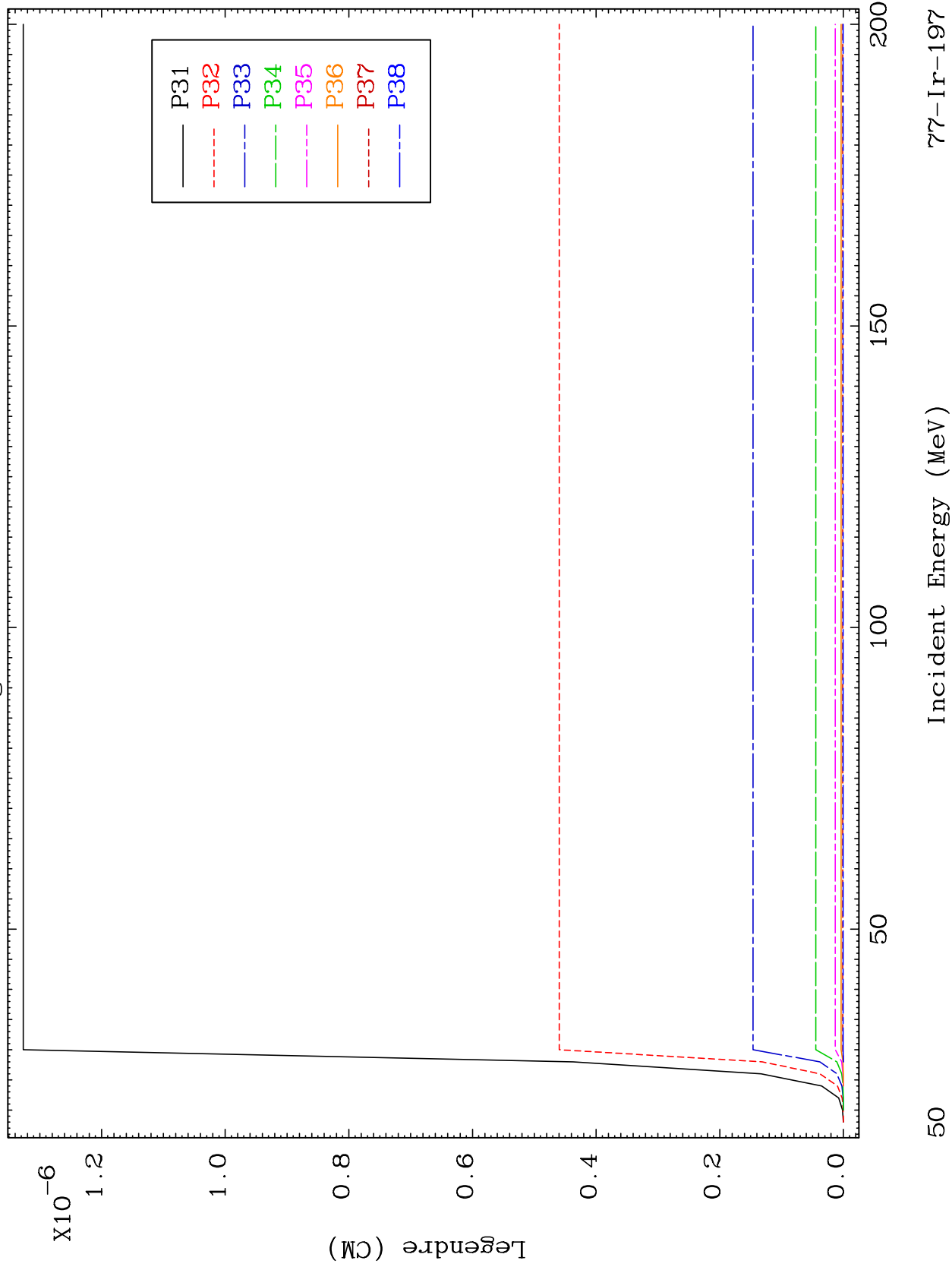
77-Ir-197



MAT 7743

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

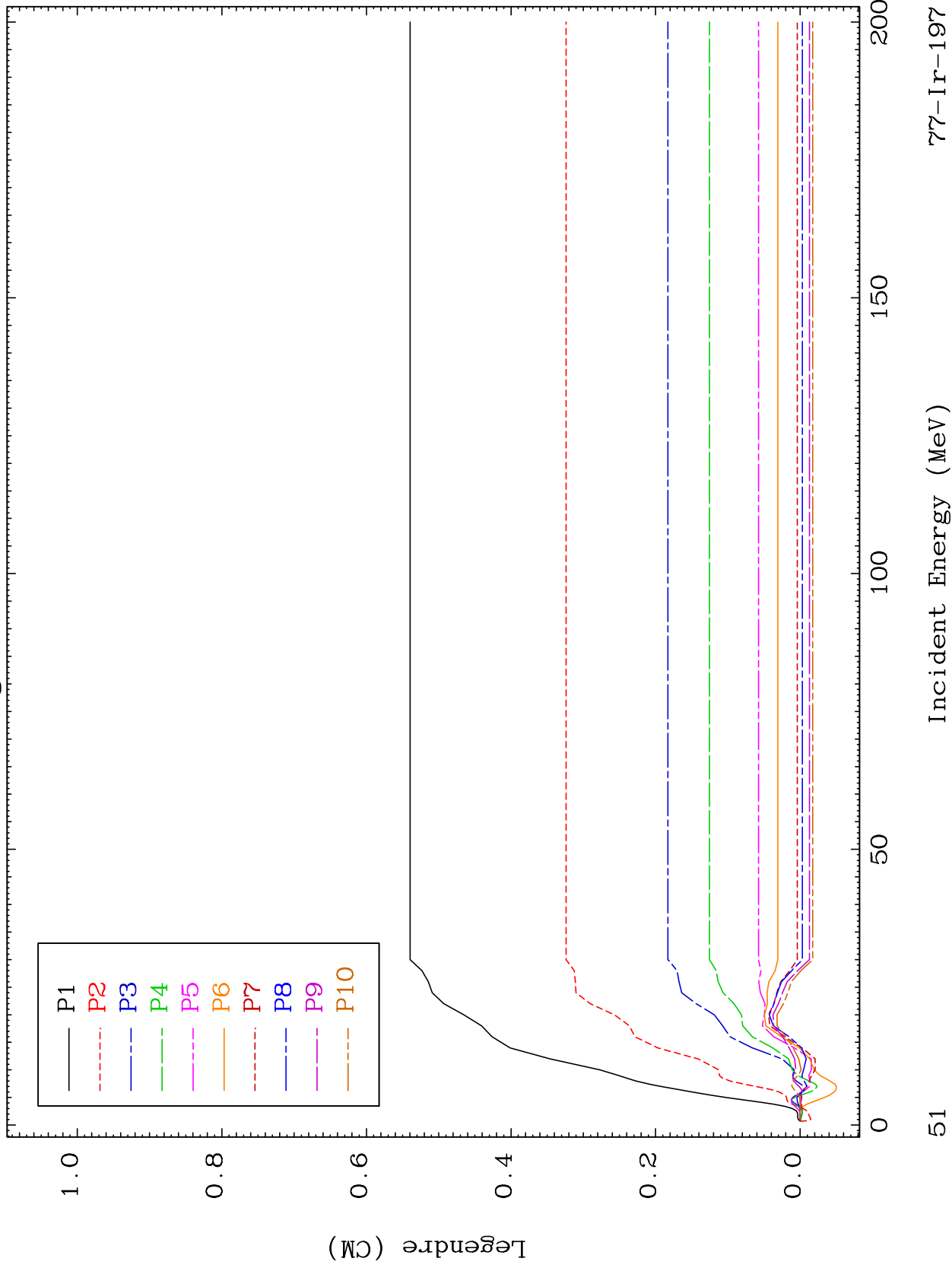
77-Ir-197



77-Ir-197

Incident Energy (MeV)

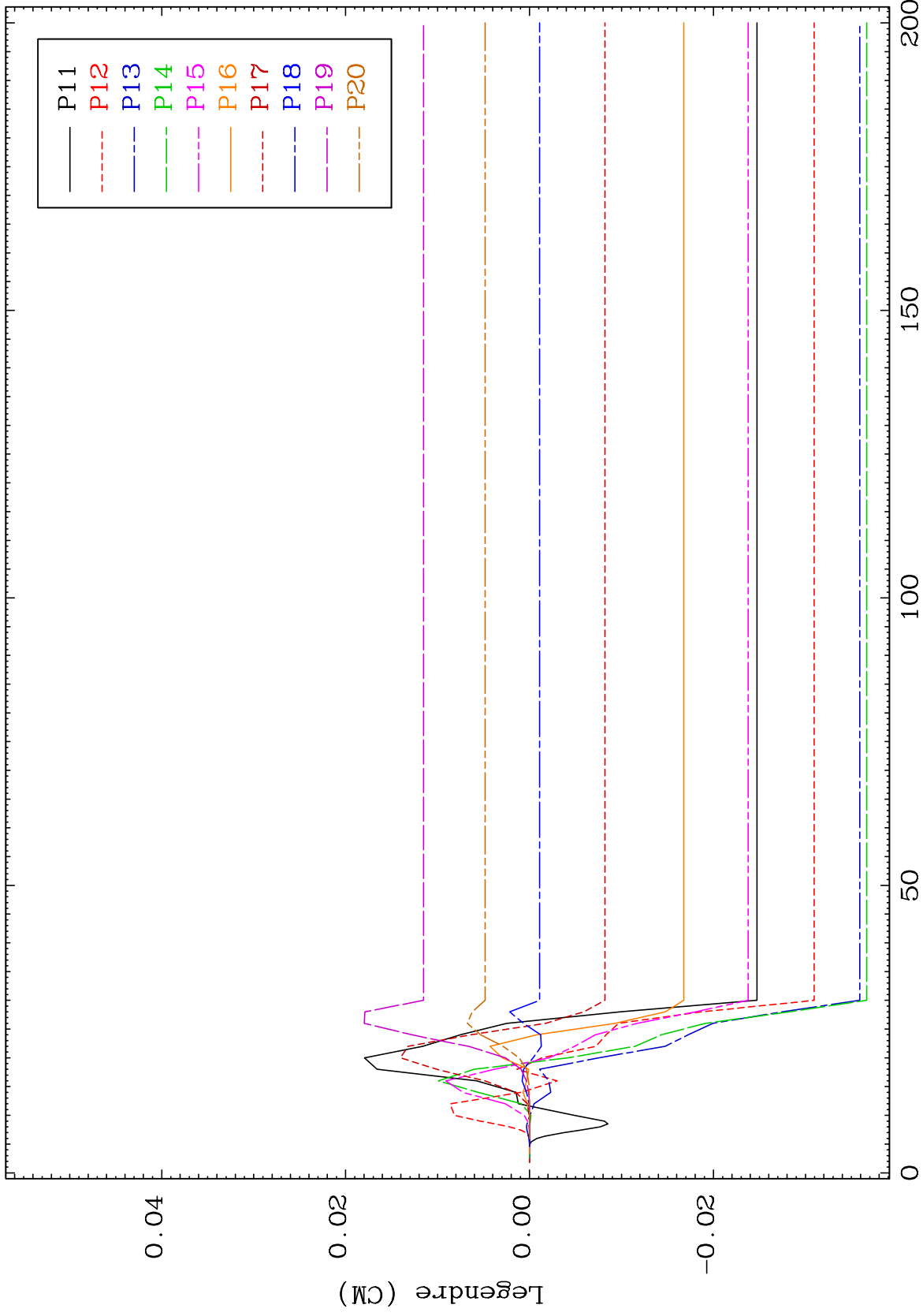
50



MAT 7743

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

77-Ir-197



52

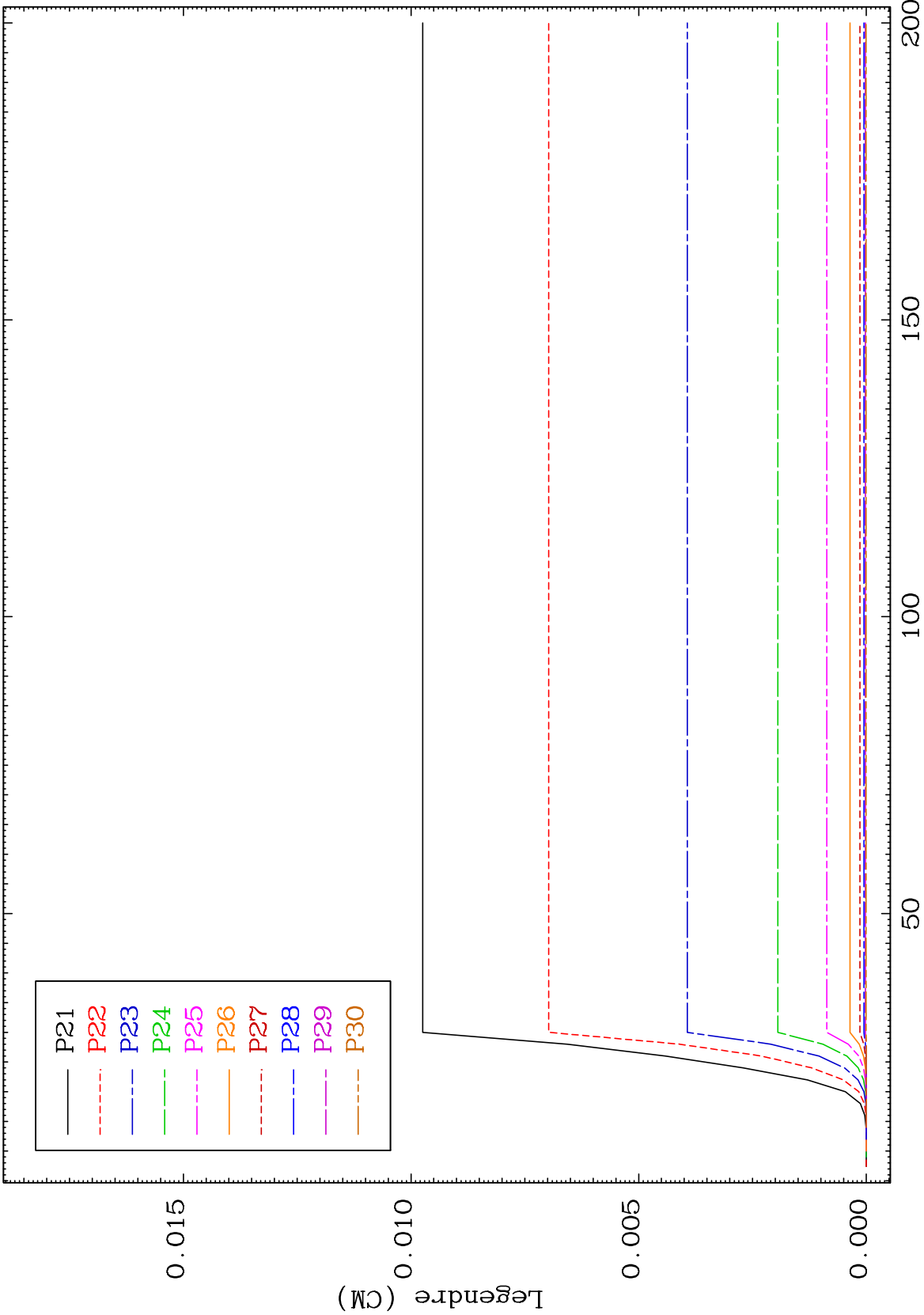
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

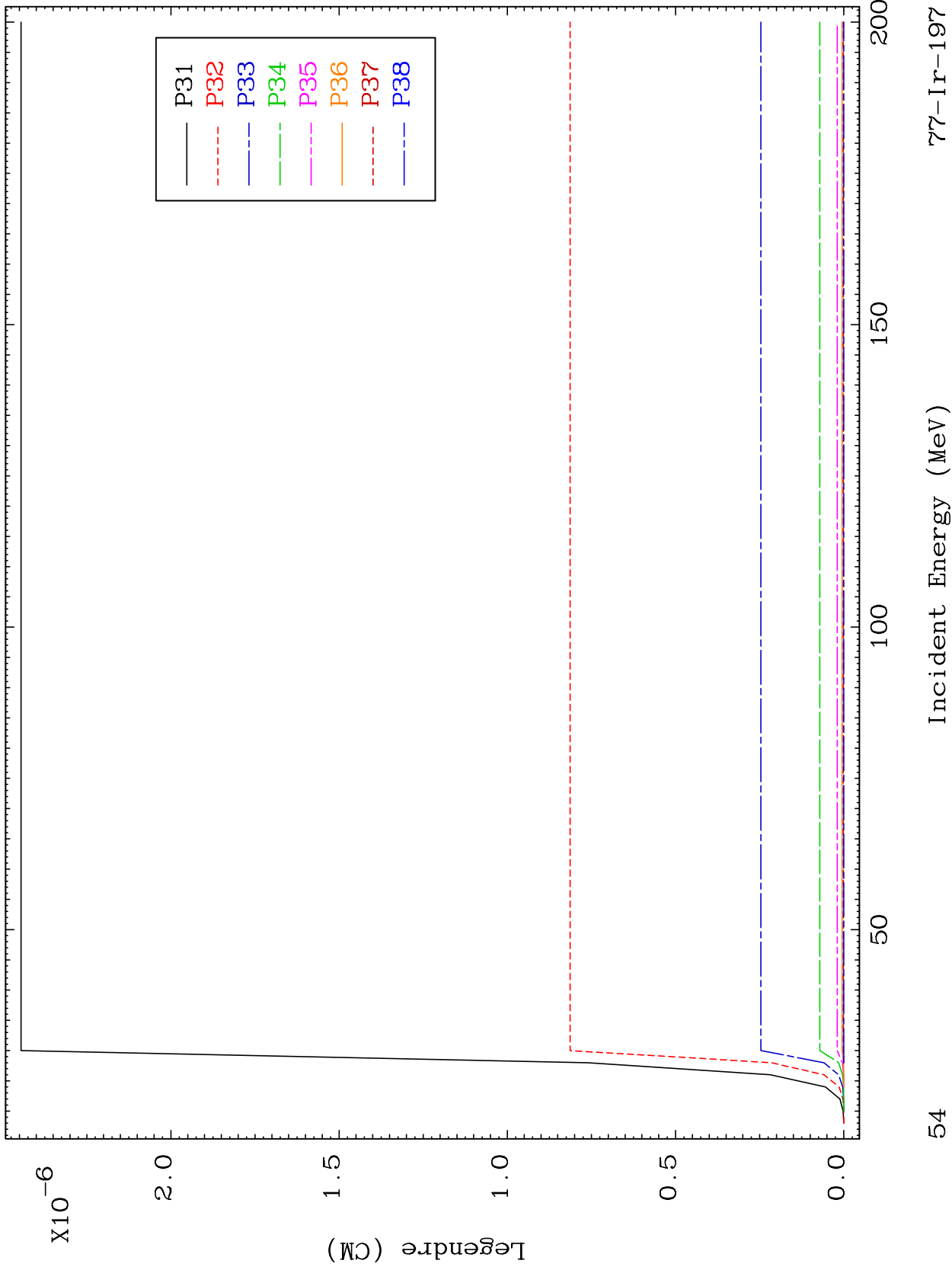
77-Ir-197



53

Incident Energy (MeV)

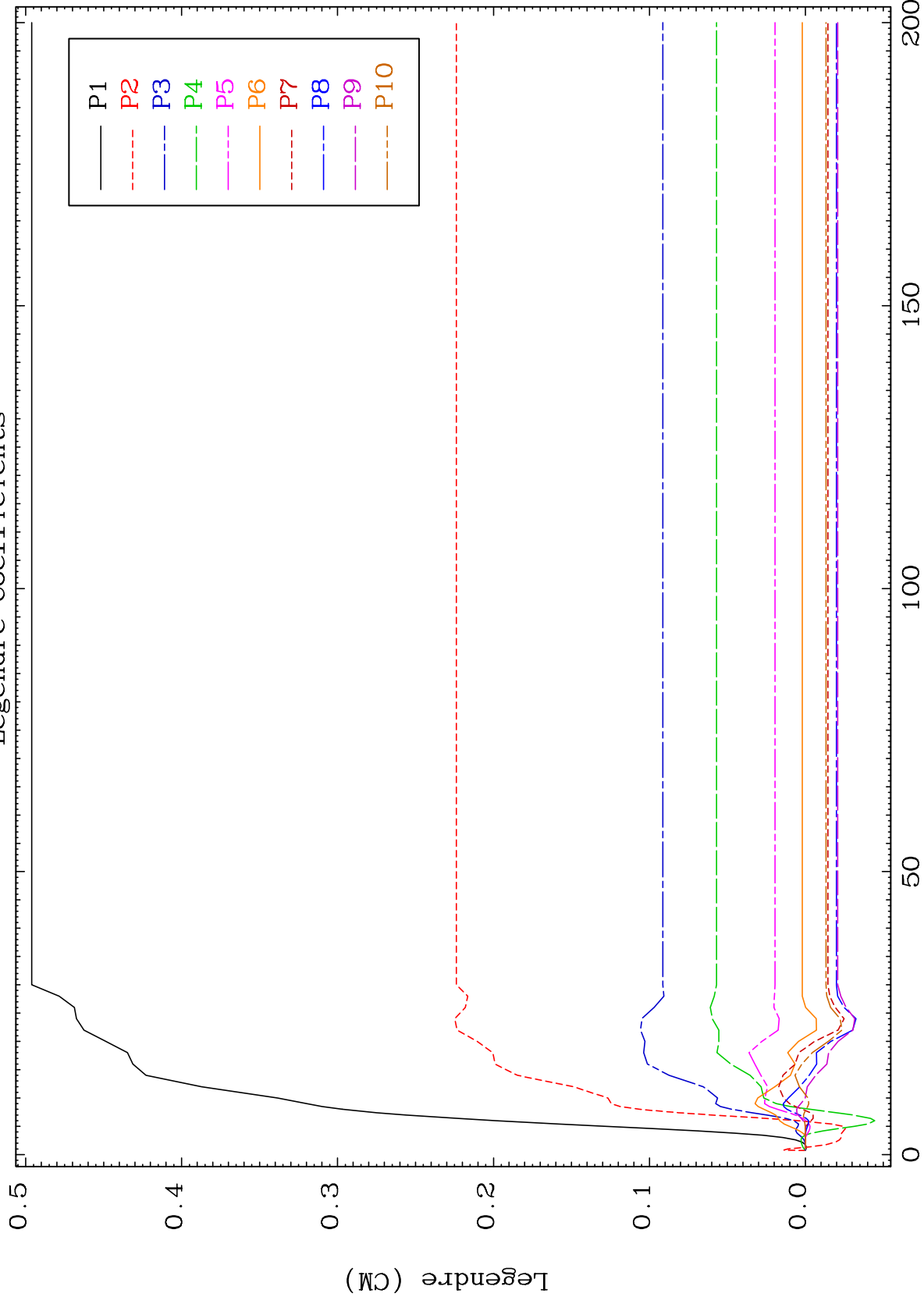
77-Ir-197



MAT 7743

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

77-Ir-197



77-Ir-197

Incident Energy (MeV)

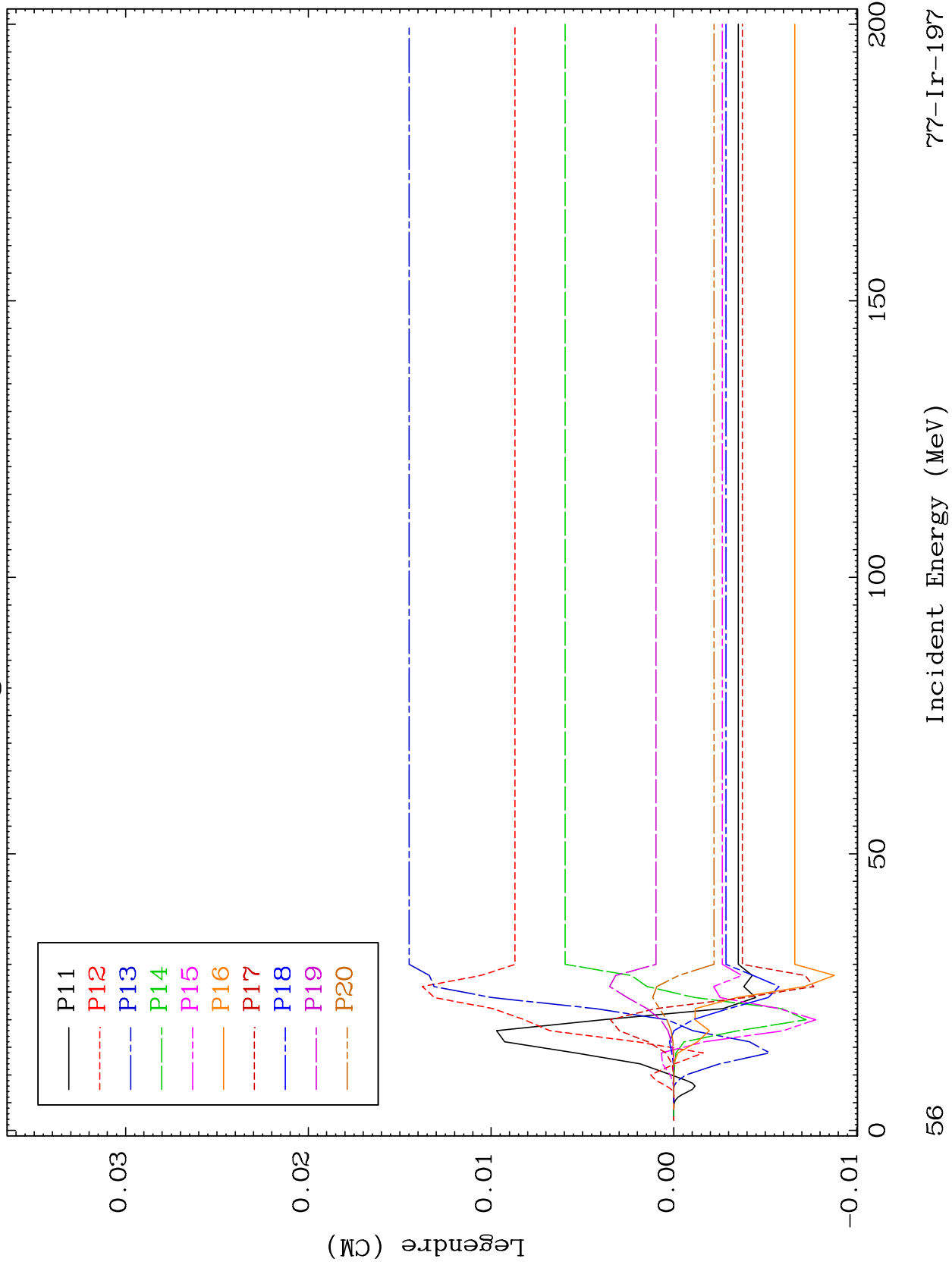
55



MAT 7743

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

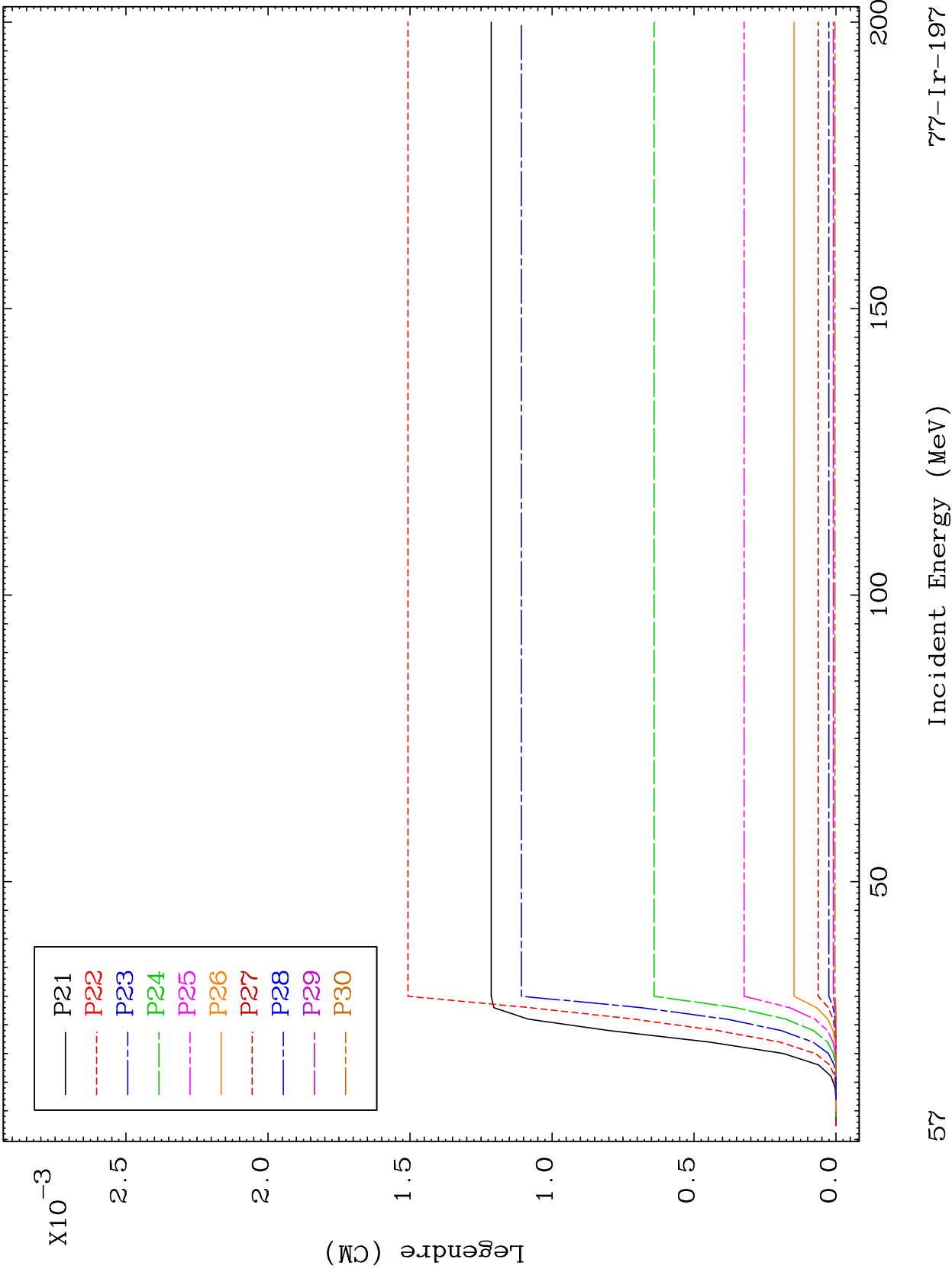
77-Ir-197



77-Ir-197

Incident Energy (MeV)

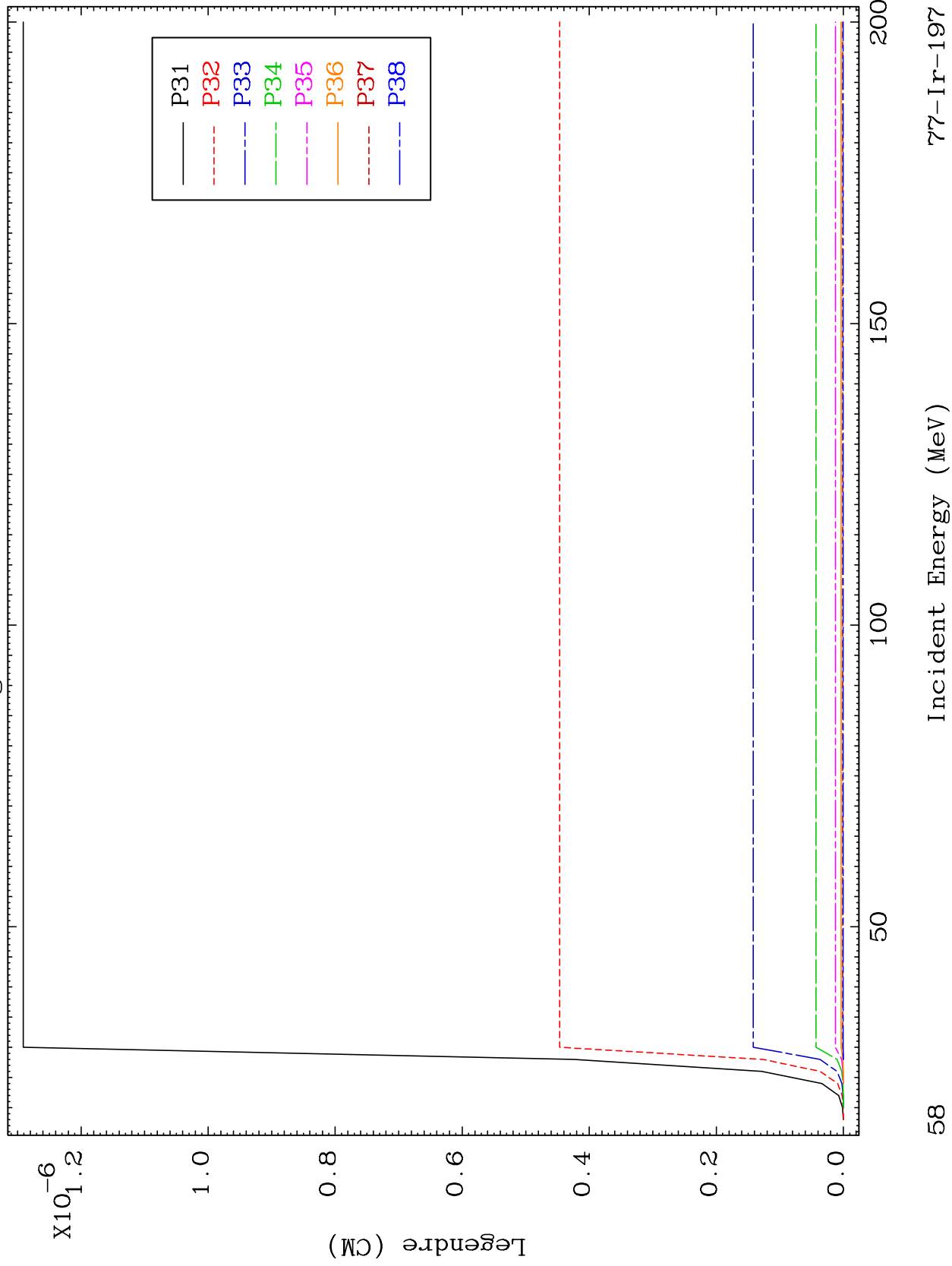
56



MAT 7743

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

77-Ir-197



58

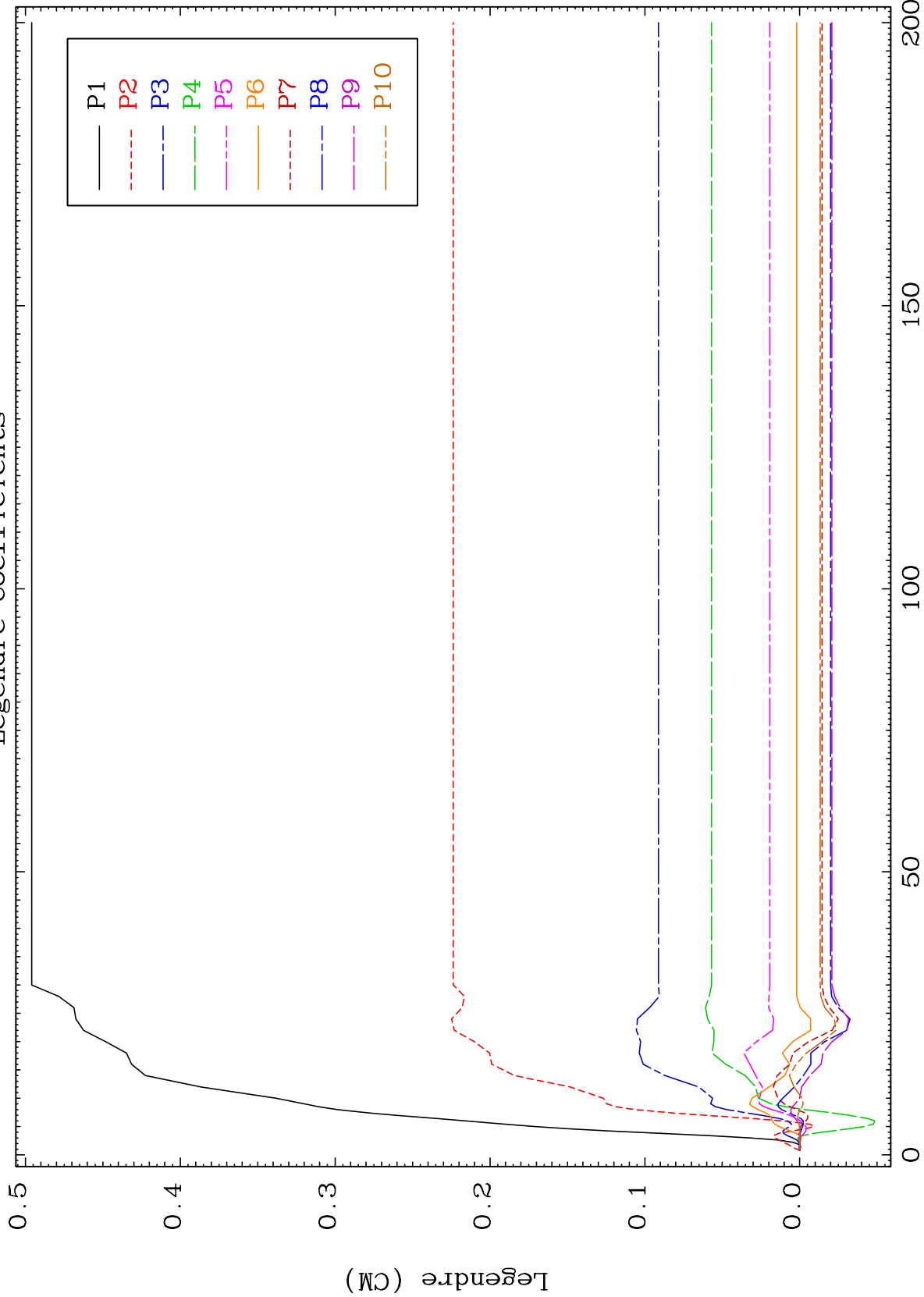
77-Ir-197

MAT 7743

MT= 61 (n,n') Level

77-Ir-197

Legendre Coefficients



59

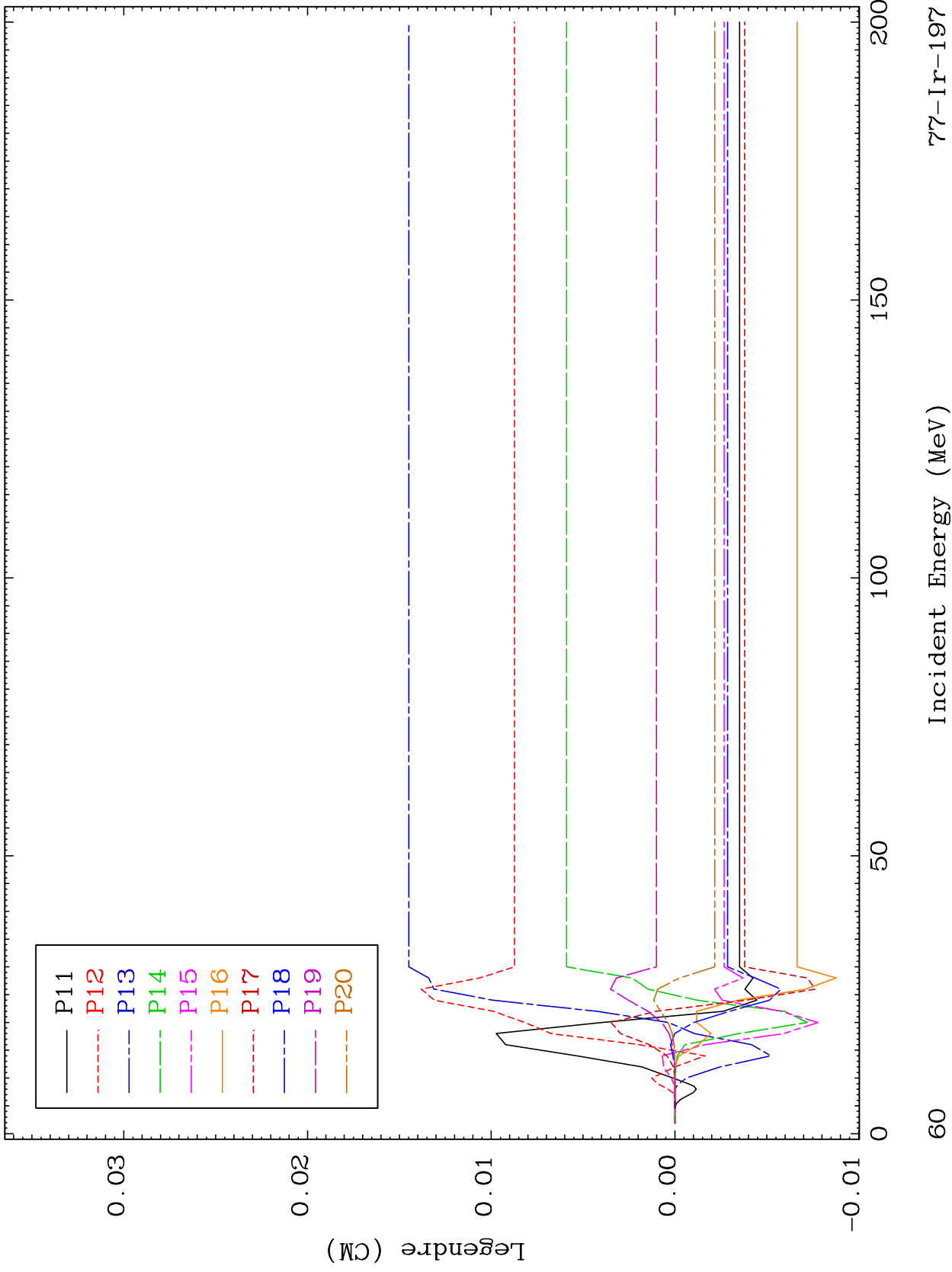
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



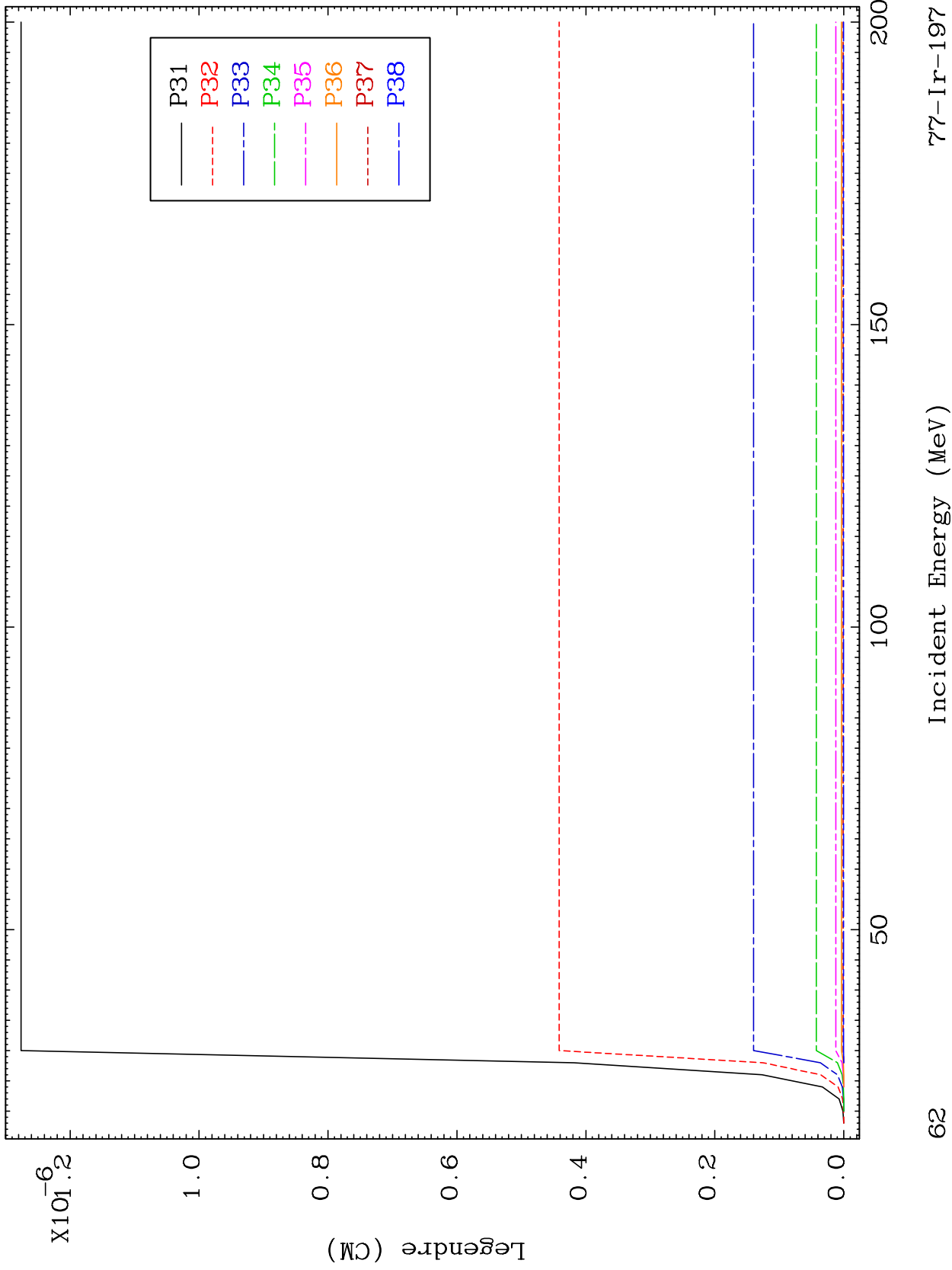
77-Ir-197



MAT 7743

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

77-Ir-197



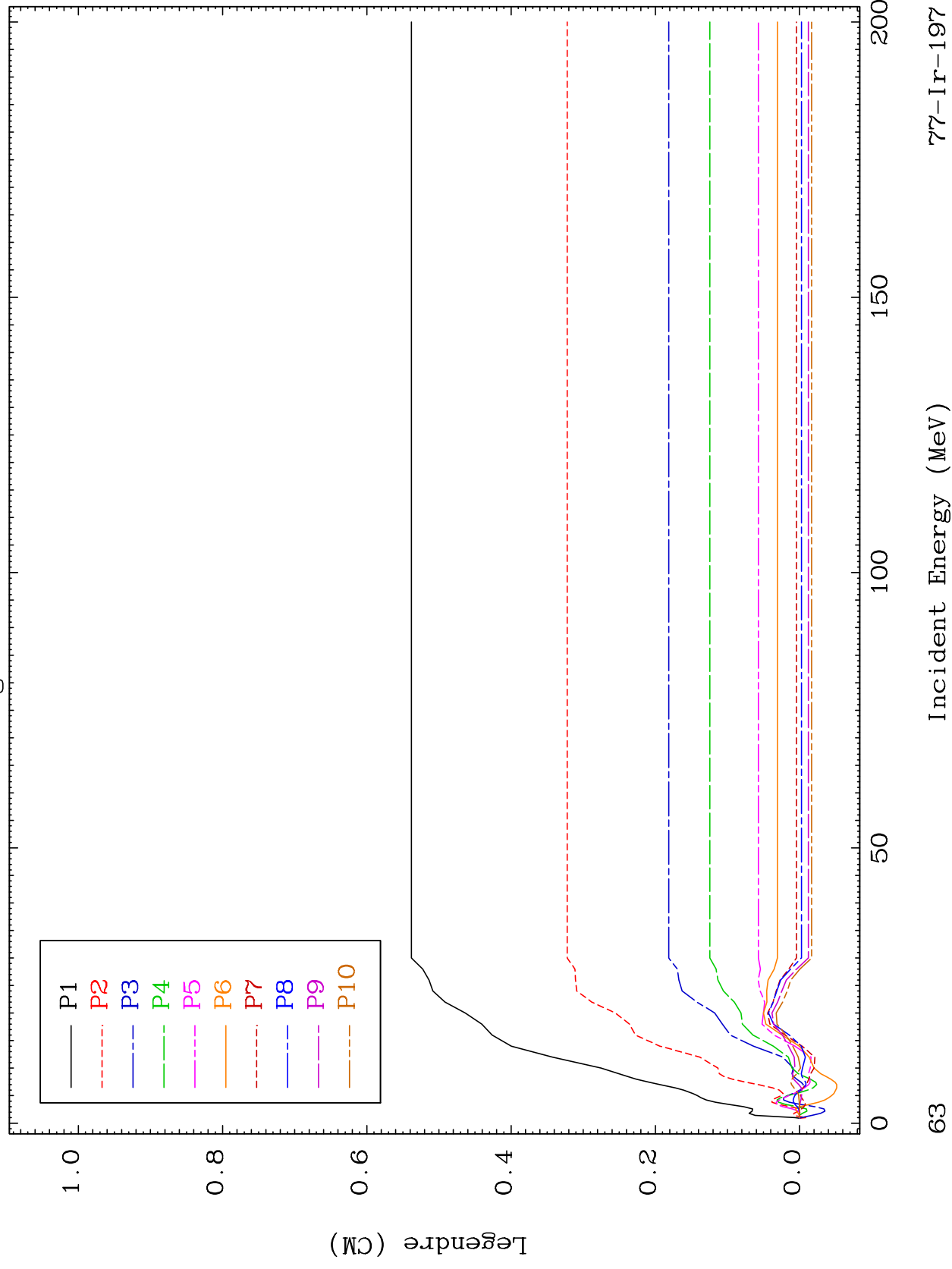
62

77-Ir-197

MAT 7743

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

77-Ir-197



63

Incident Energy (MeV)

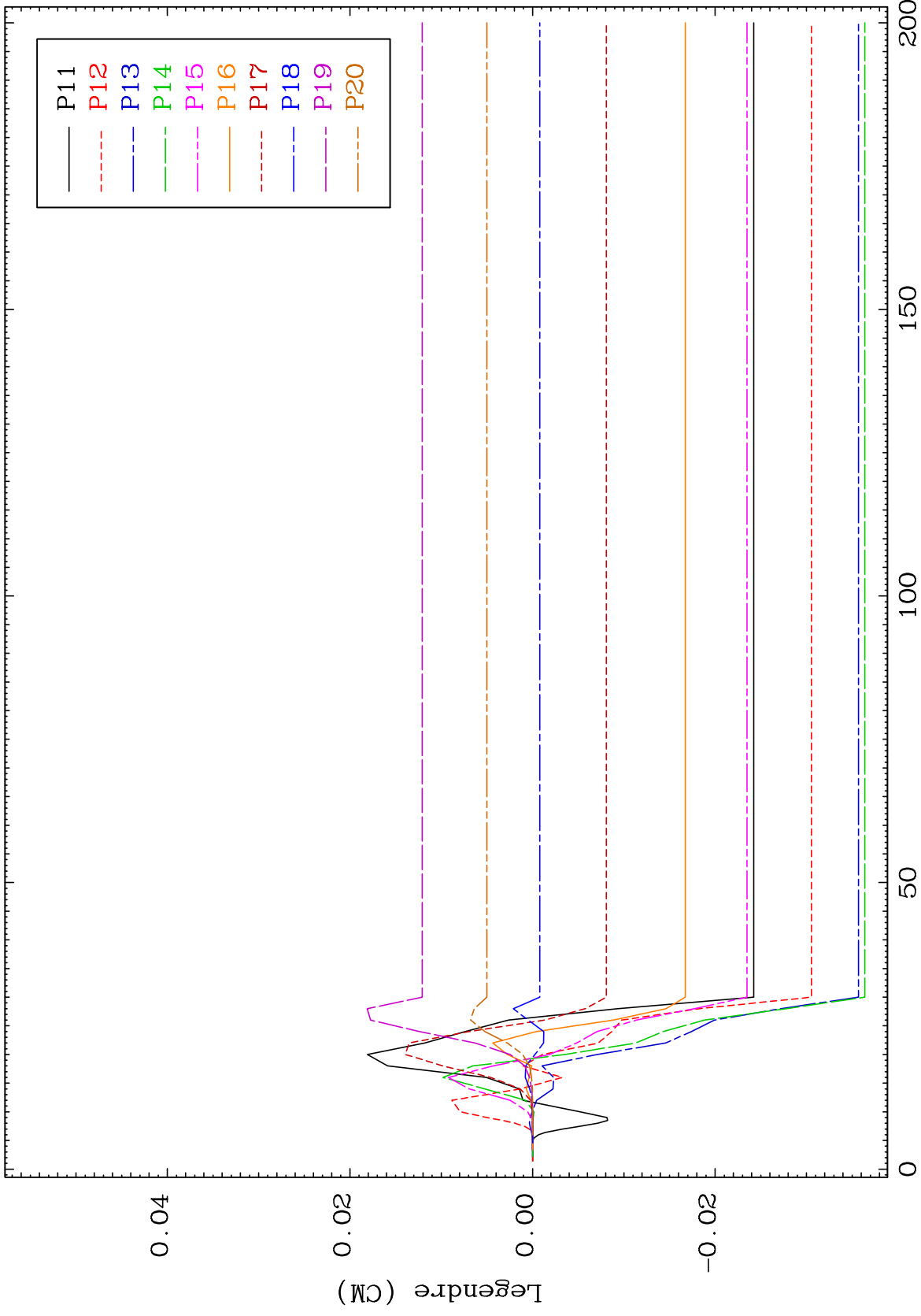
77-Ir-197



MAT 7743

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

77-Ir-197



64

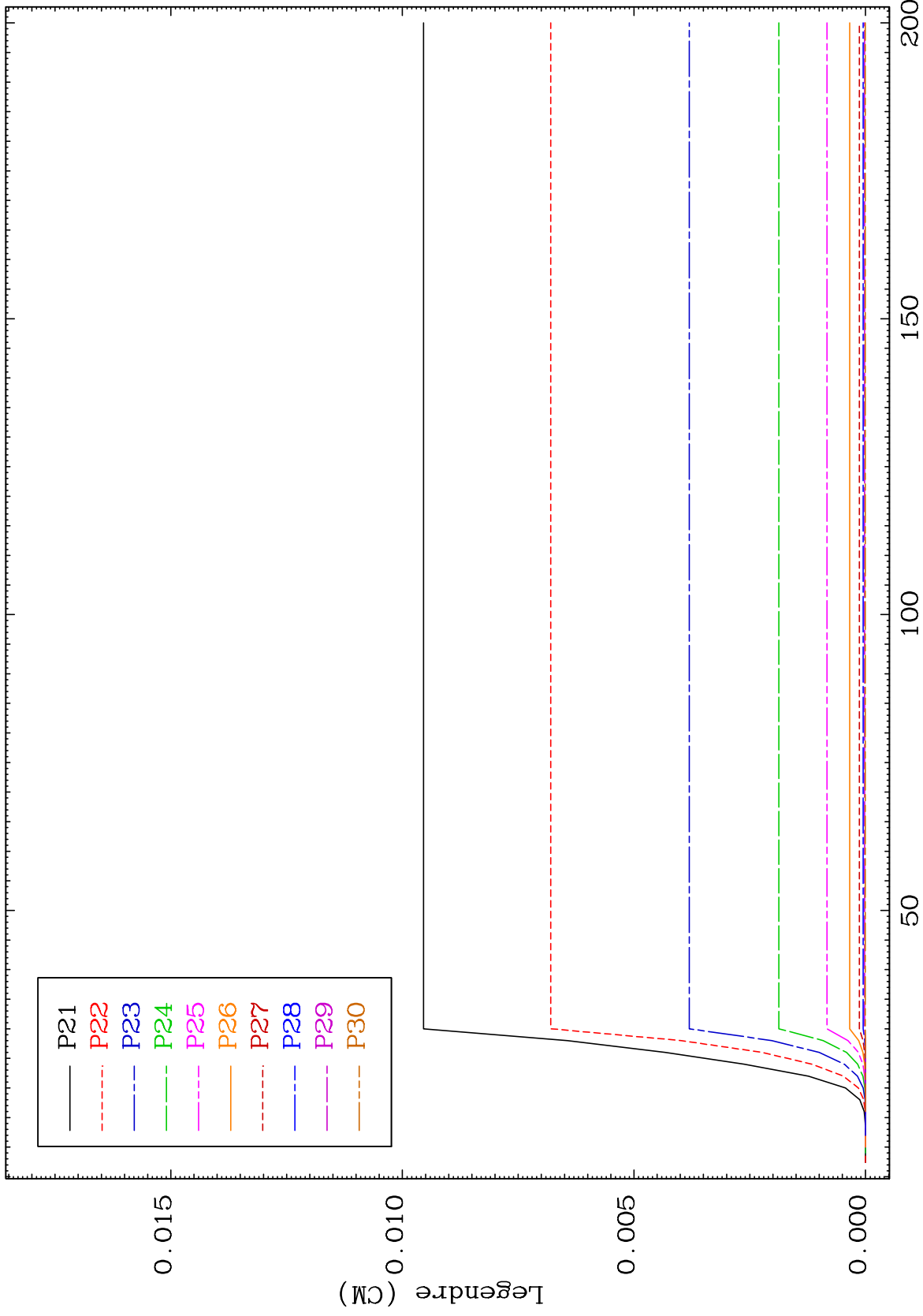
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



65

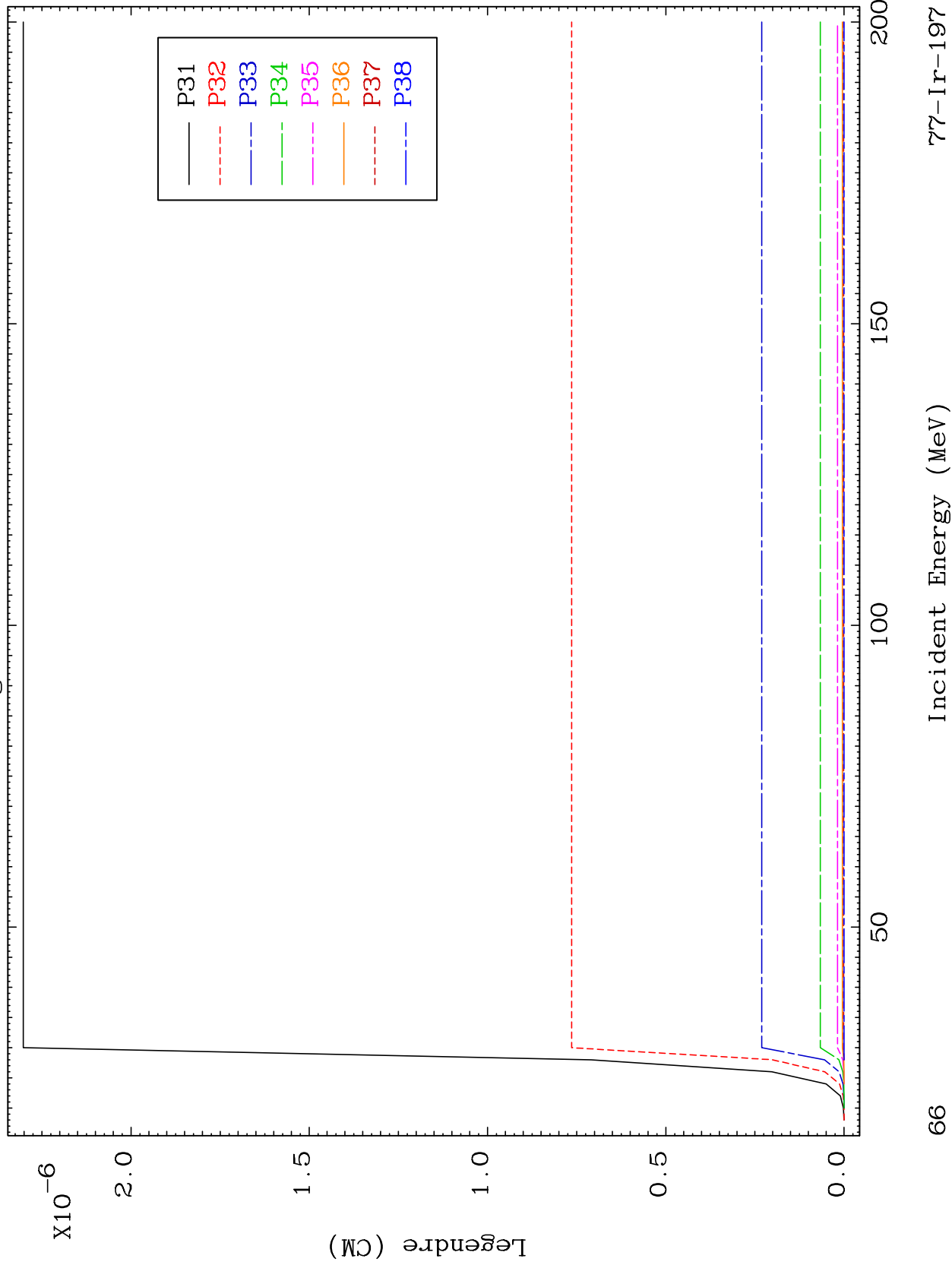
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



66

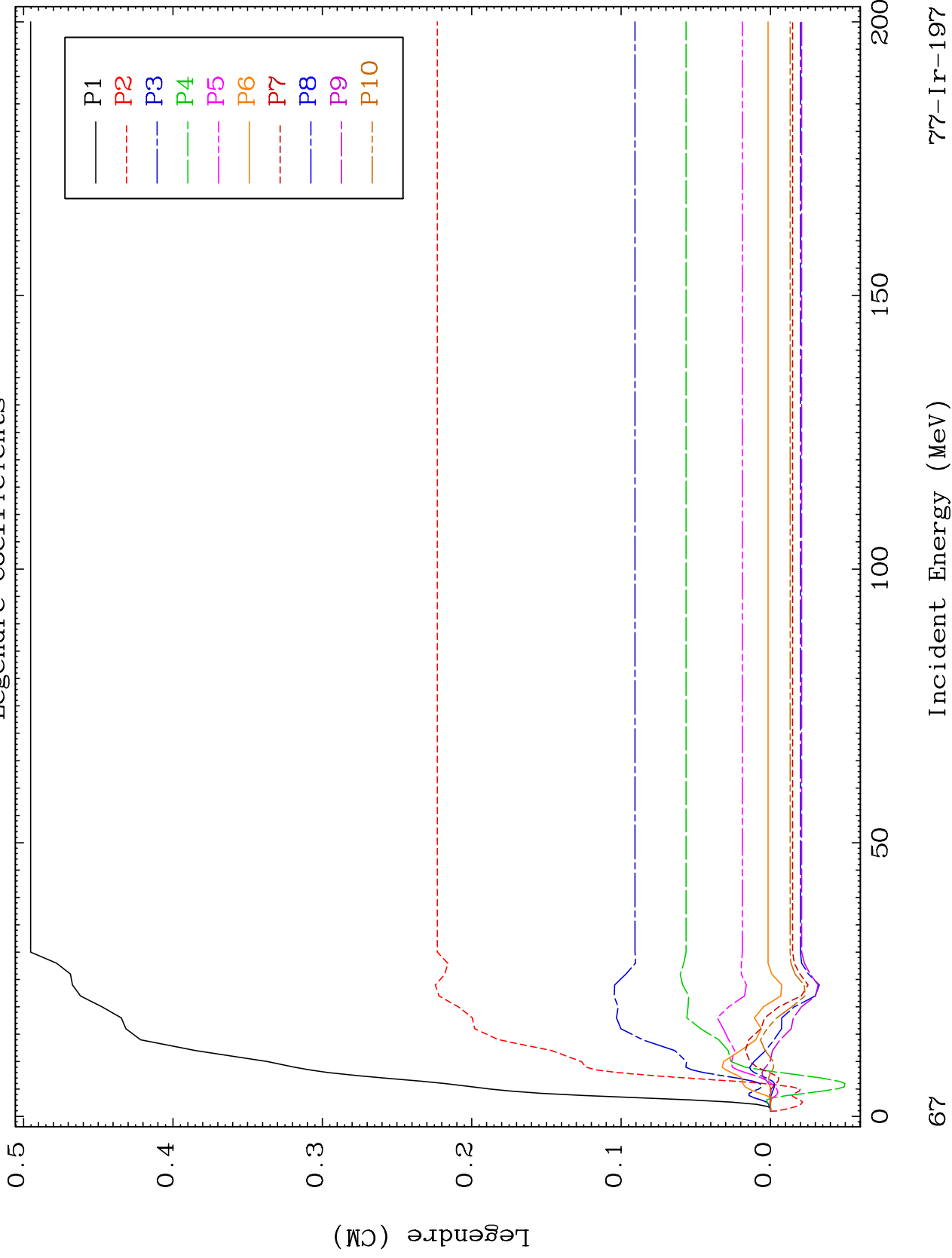
77-Ir-197

MAT 7743

MT= 63 (n,n') Level

77-Ir-197

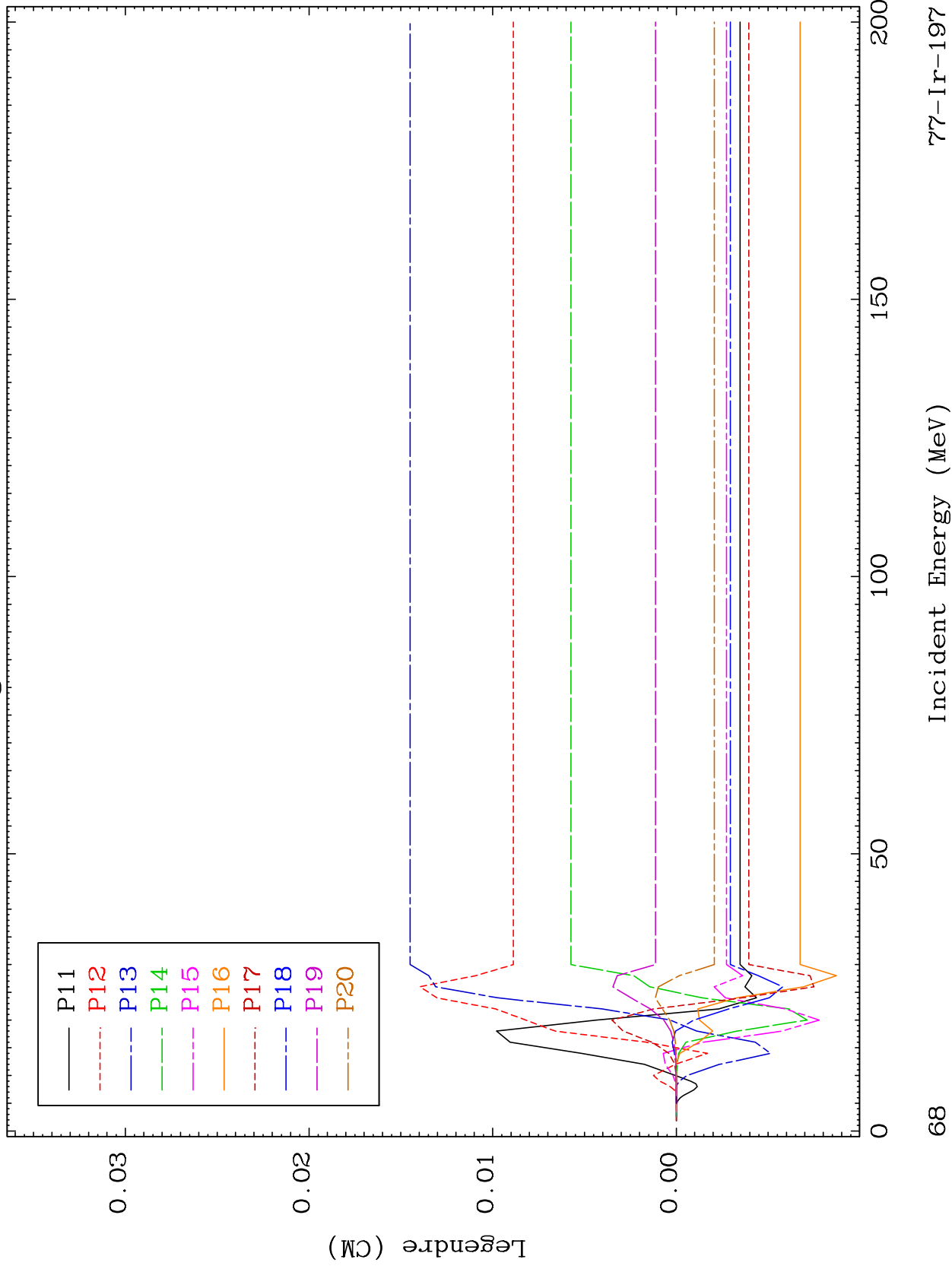
Legendre Coefficients

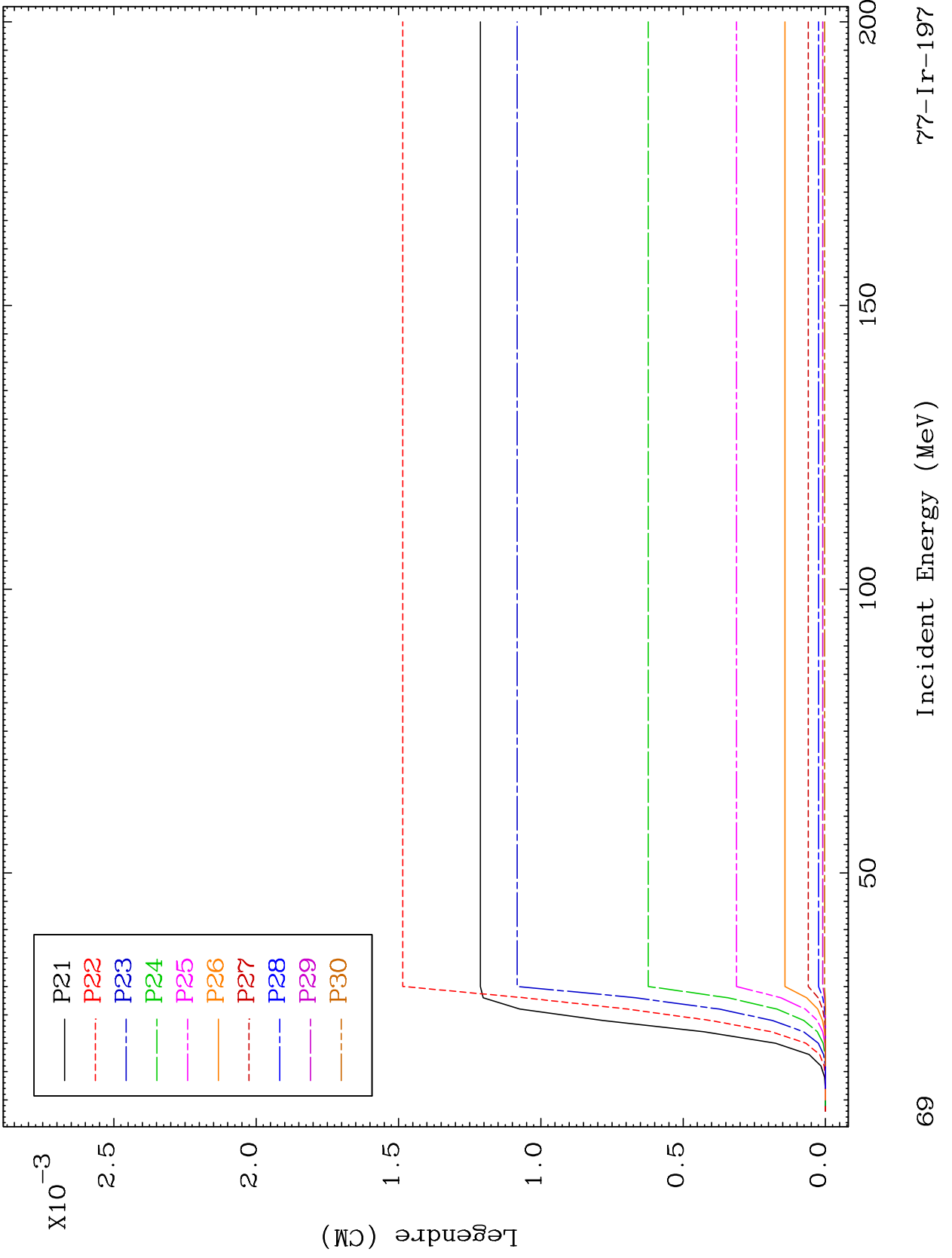


MAT 7743

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

77-Ir-197

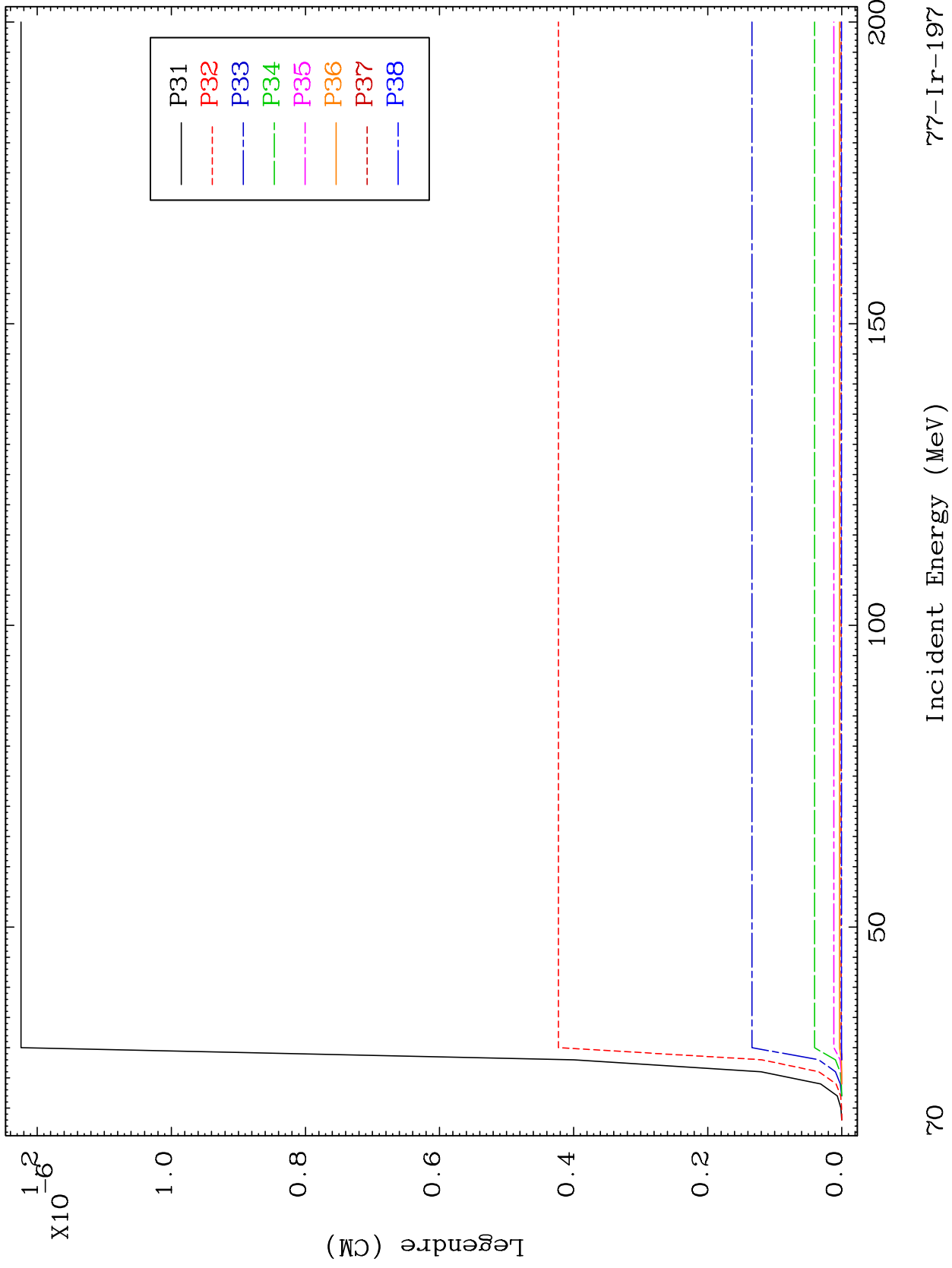




MAT 7743

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

77-Ir-197



70

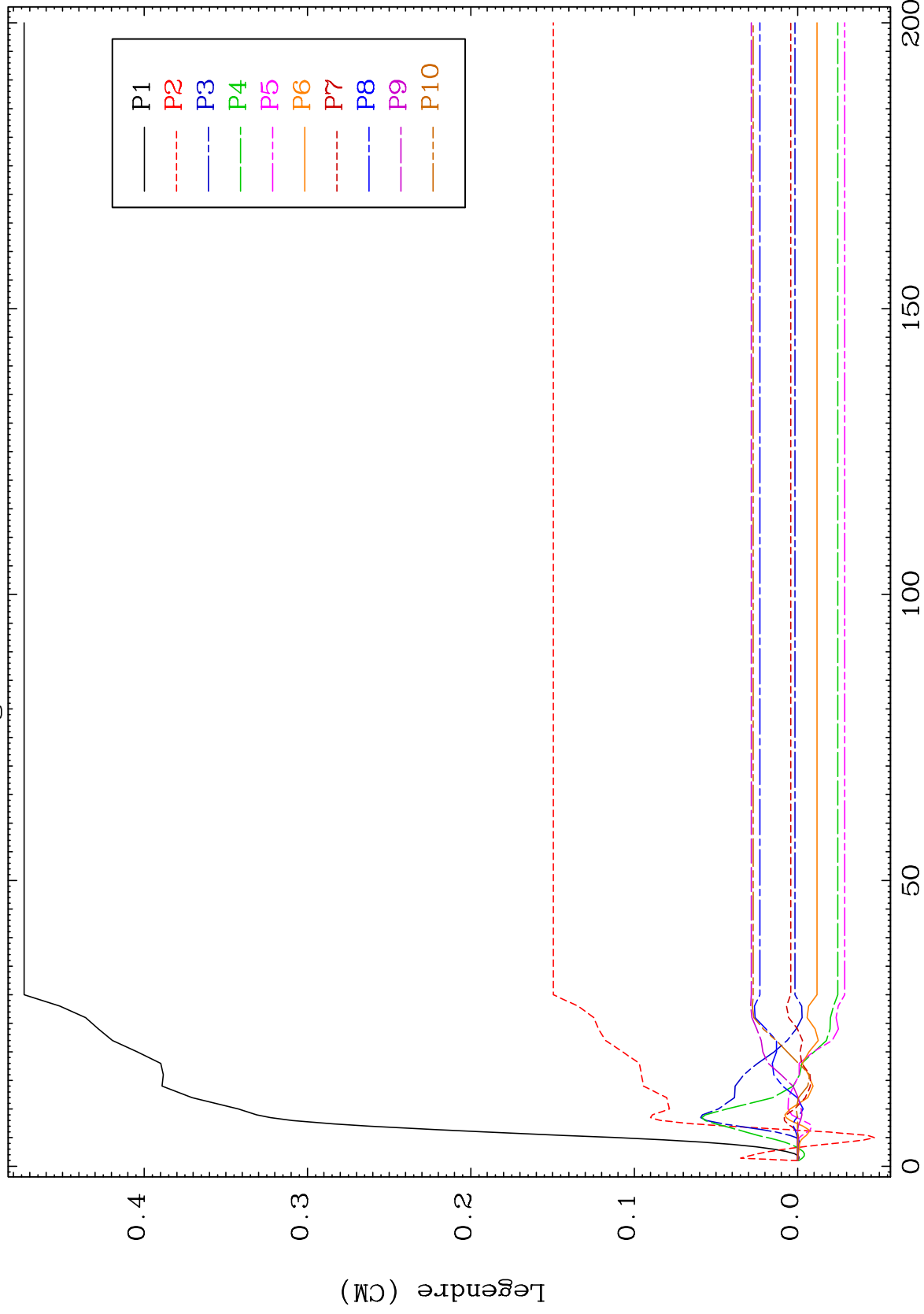
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



77-Ir-197

Incident Energy (MeV)

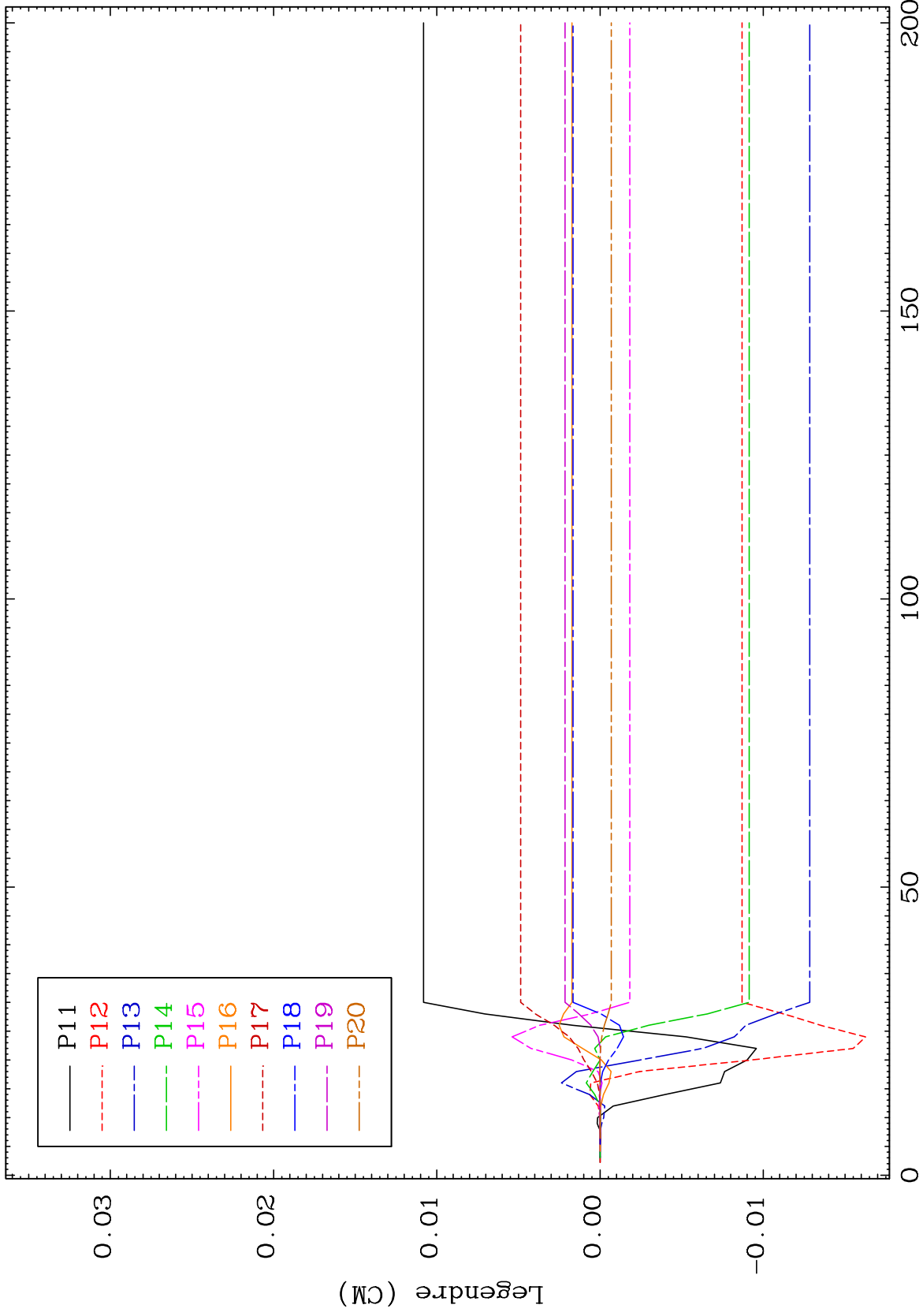
71



MAT 7743

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

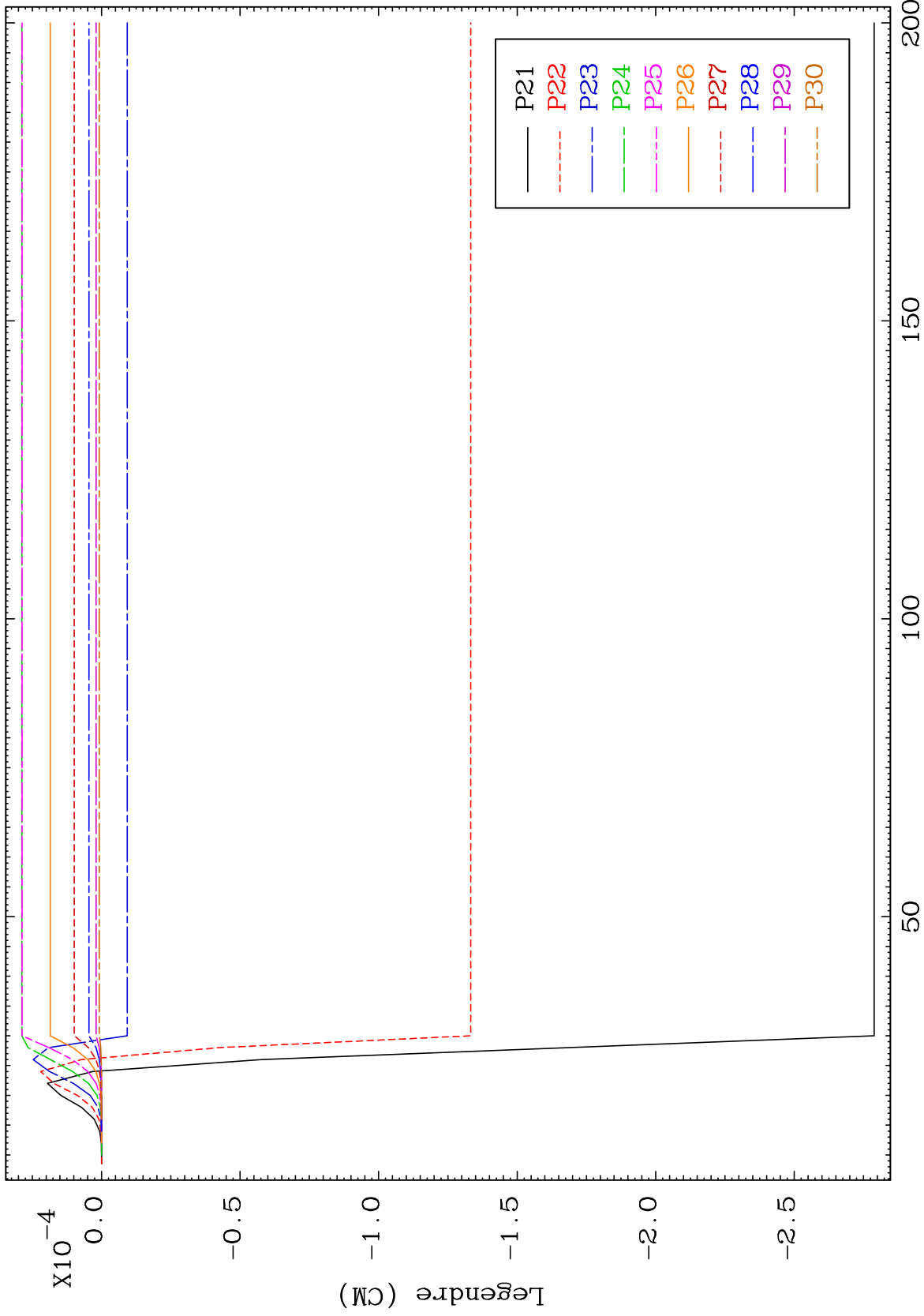
77-Ir-197



72

Incident Energy (MeV)

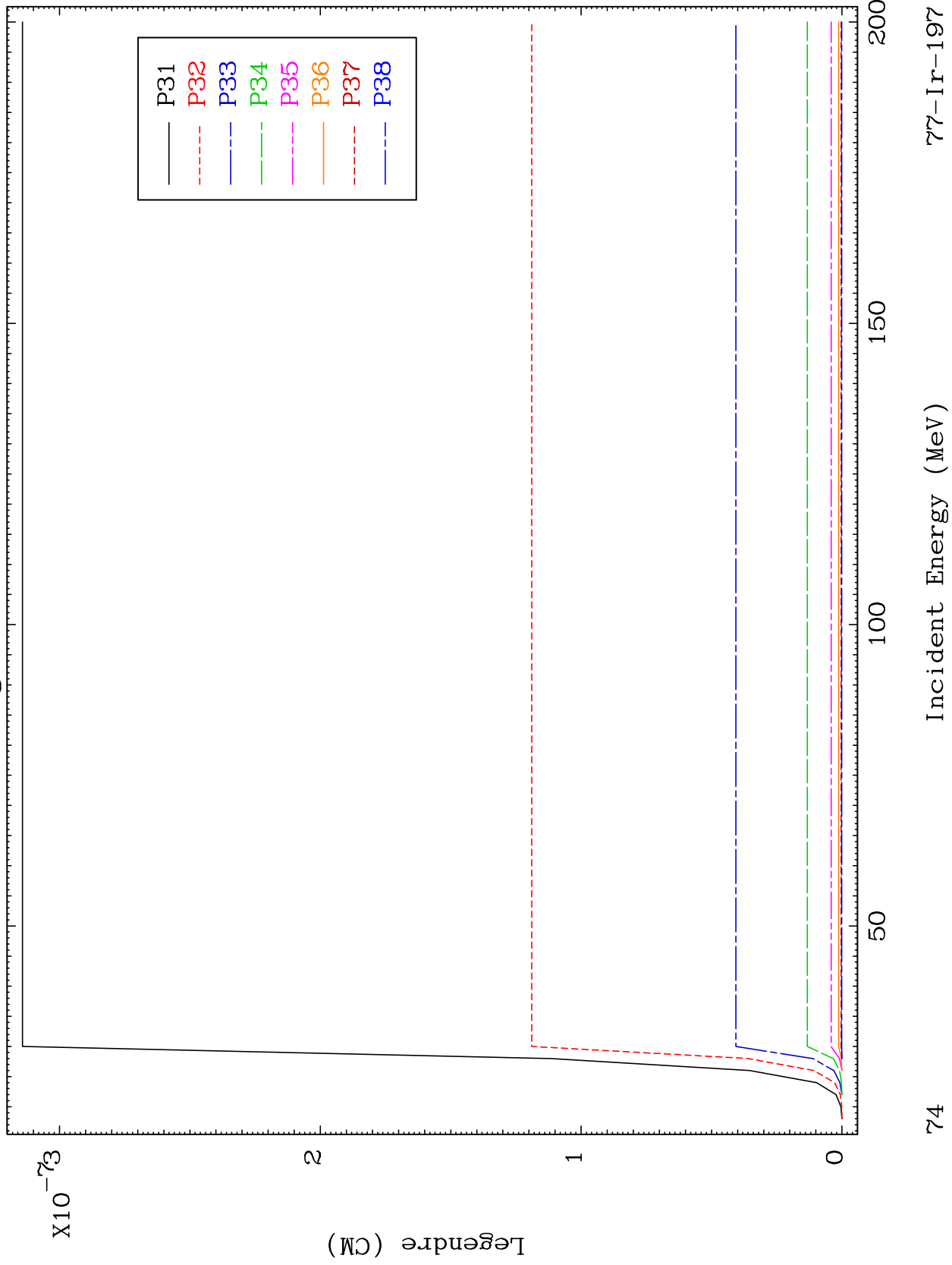
77-Ir-197



MAT 7743

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

77-Ir-197



74

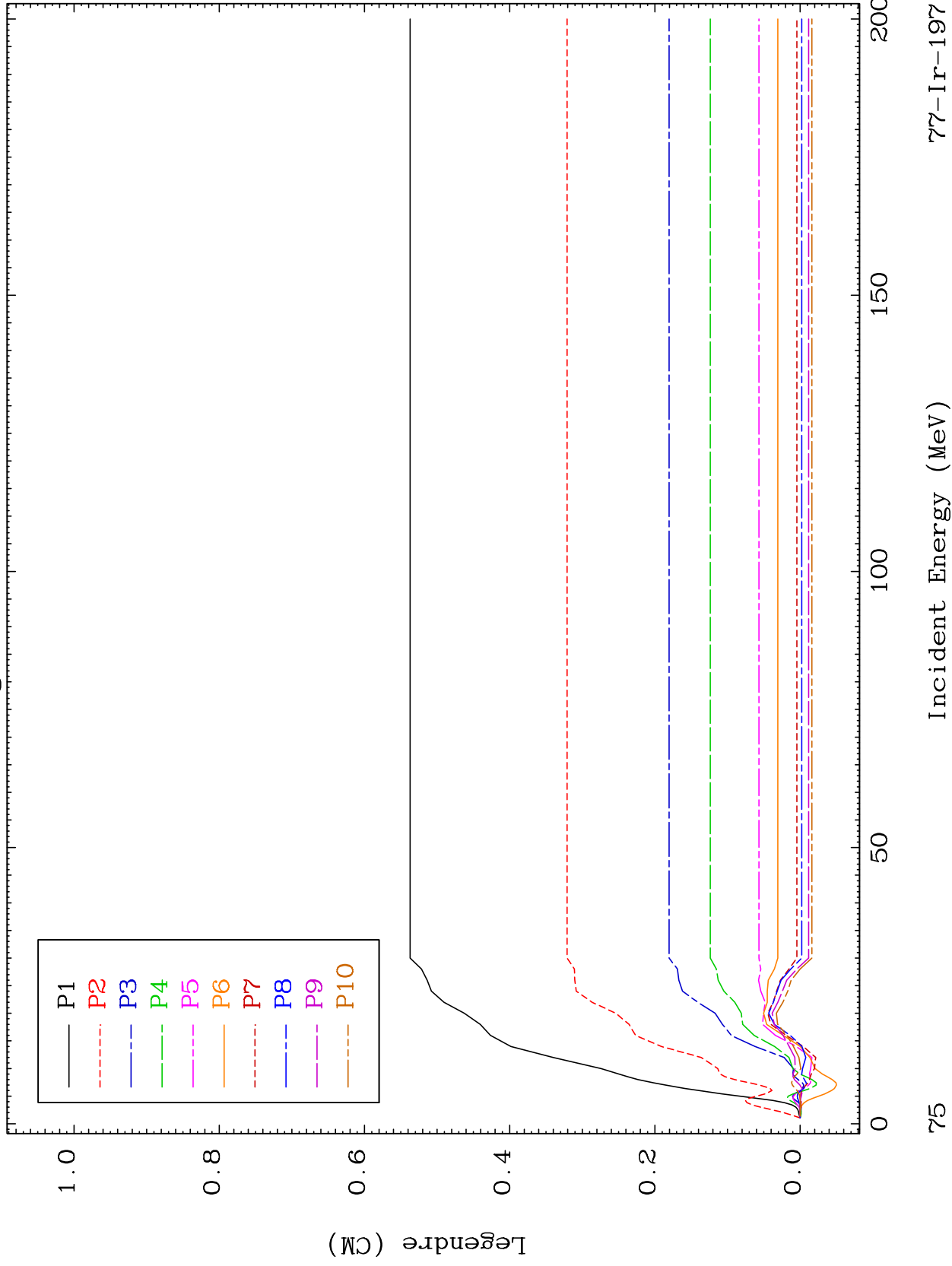
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197

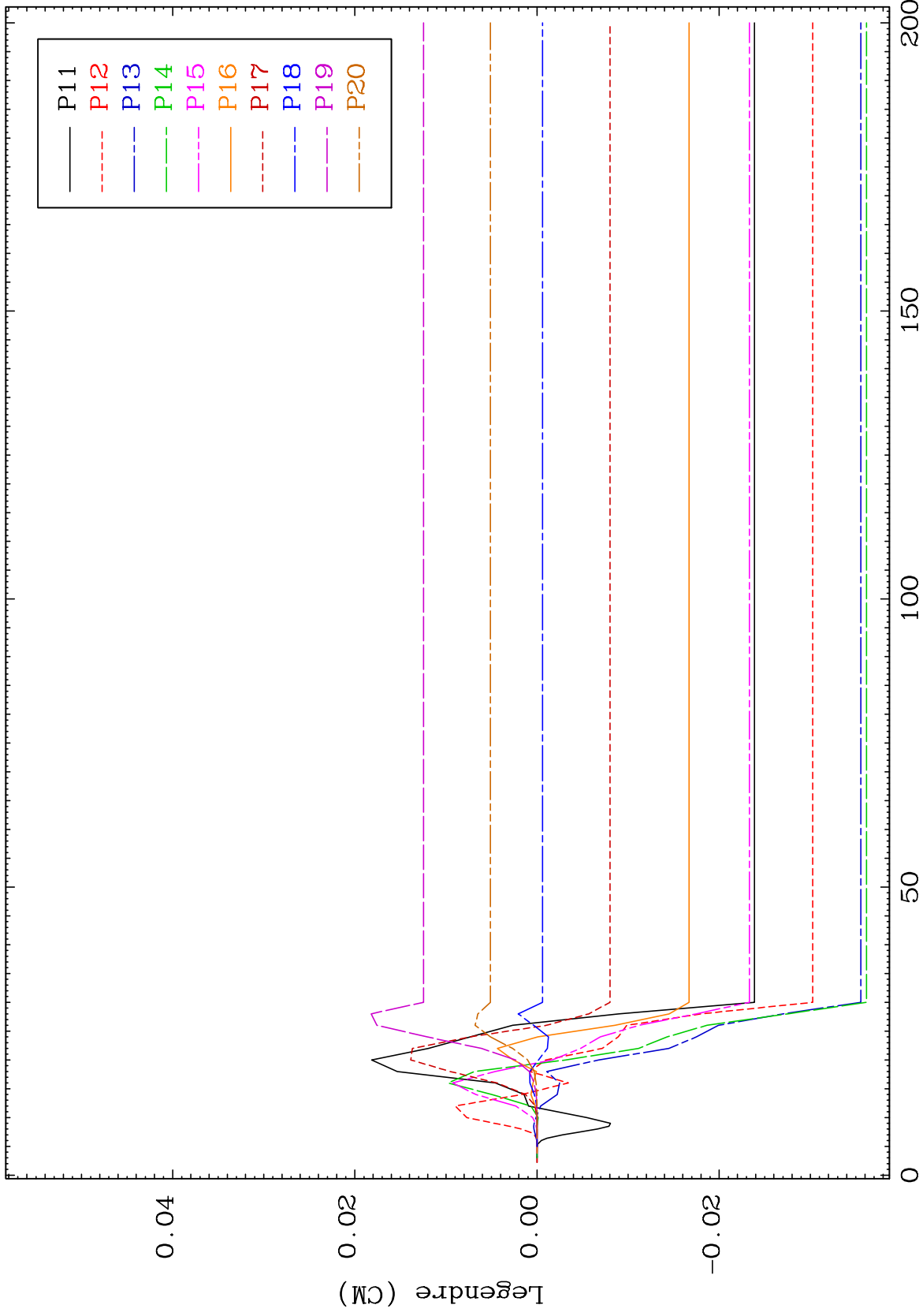


75

MAT 7743

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

77-Ir-197



76

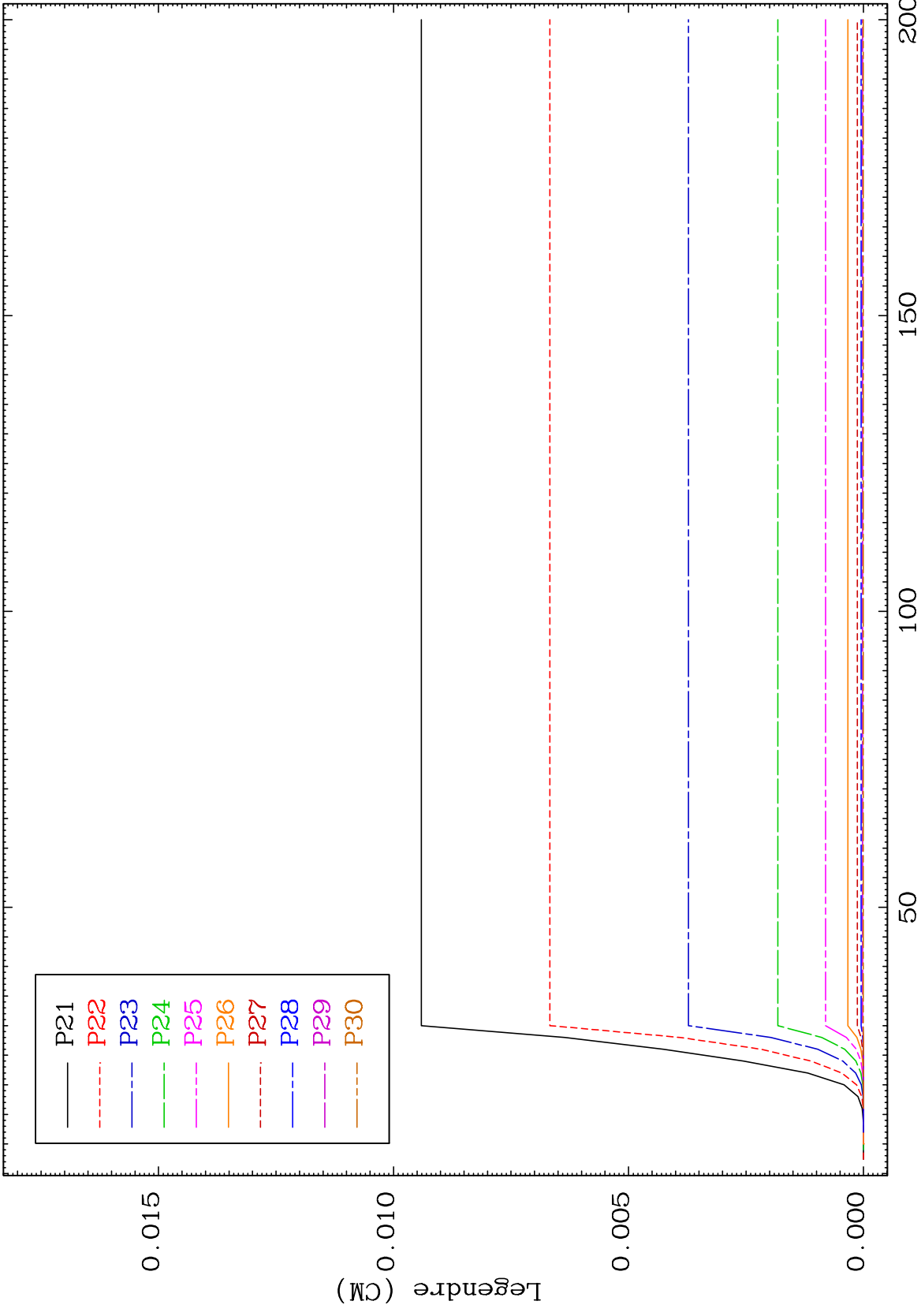
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



77

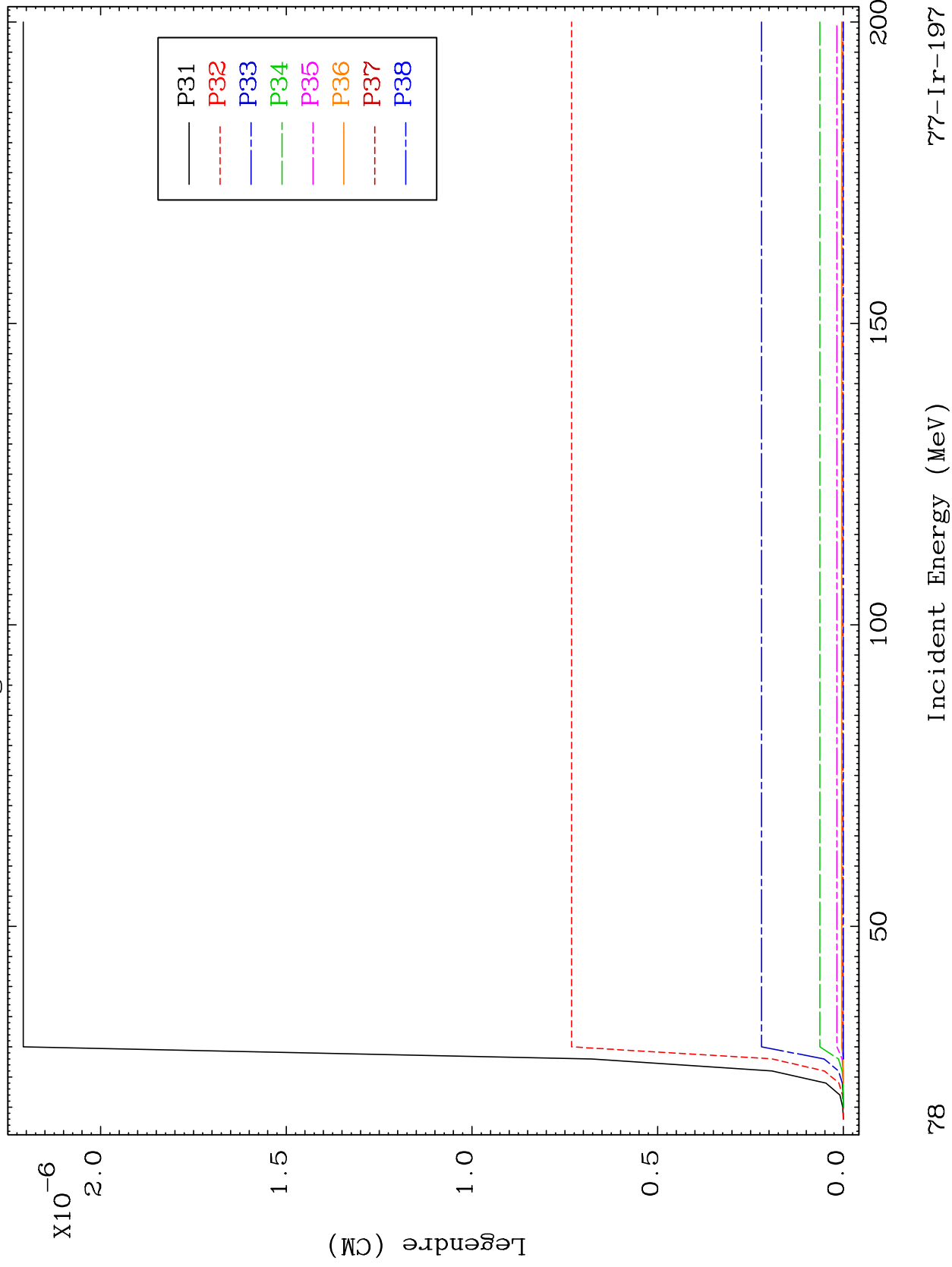
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

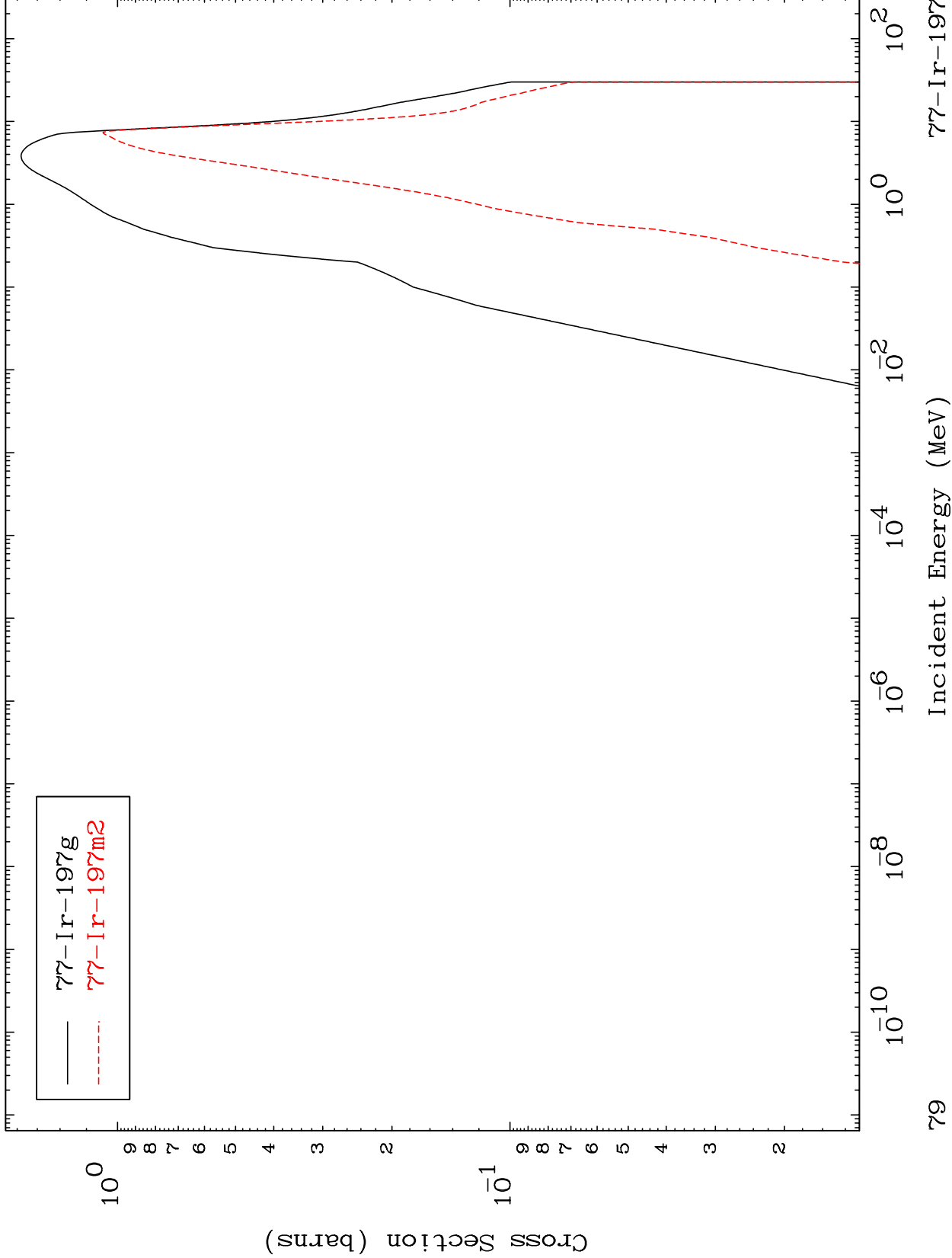
77-Ir-197



MAT 7743

Inelastic  
Radionuclide Production Cross Section

<sup>77</sup>Ir-197



79

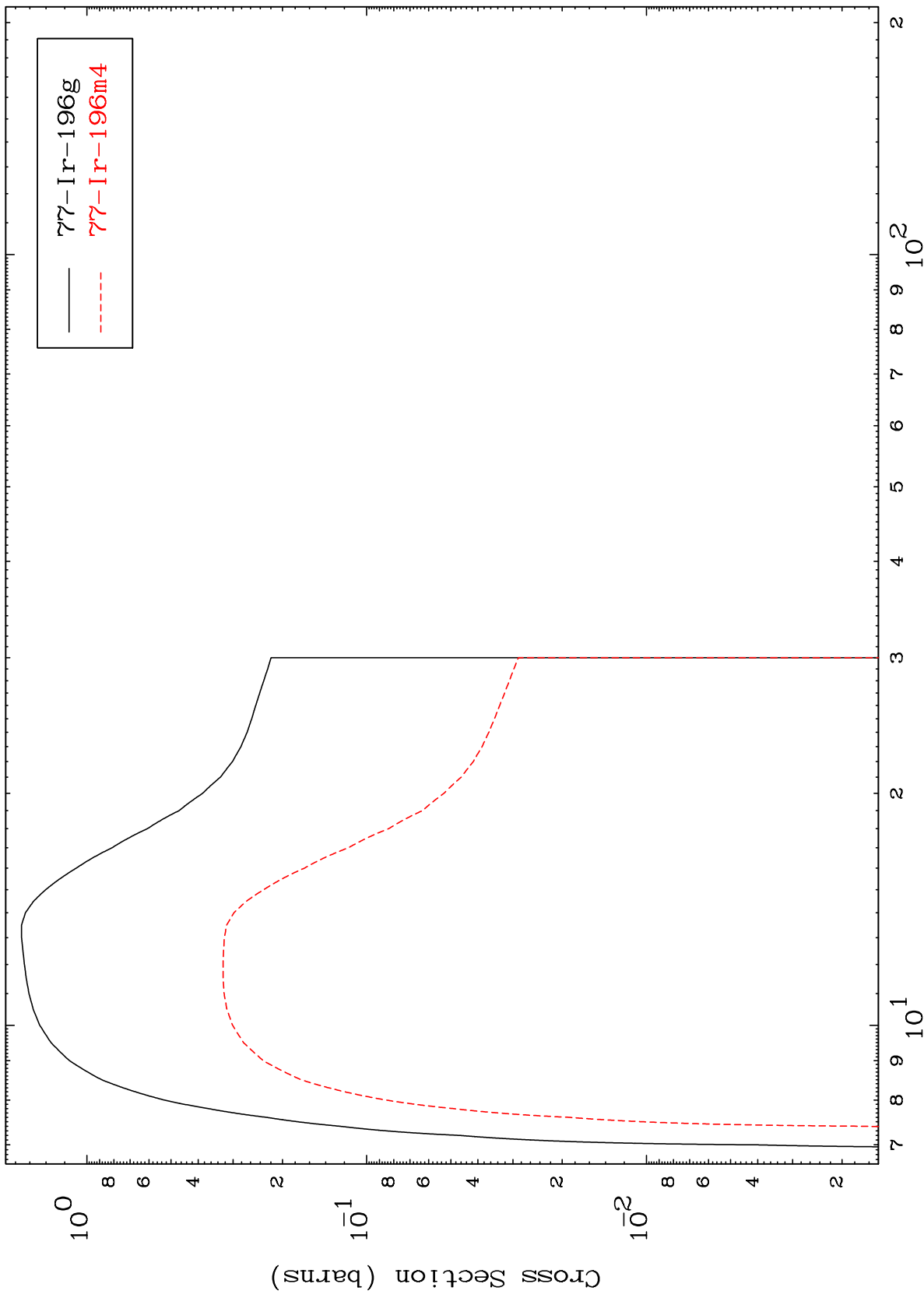
<sup>77</sup>Ir-197



MAT 7743

77-Ir-197

(n,2n)  
Radionuclide Production Cross Section



80

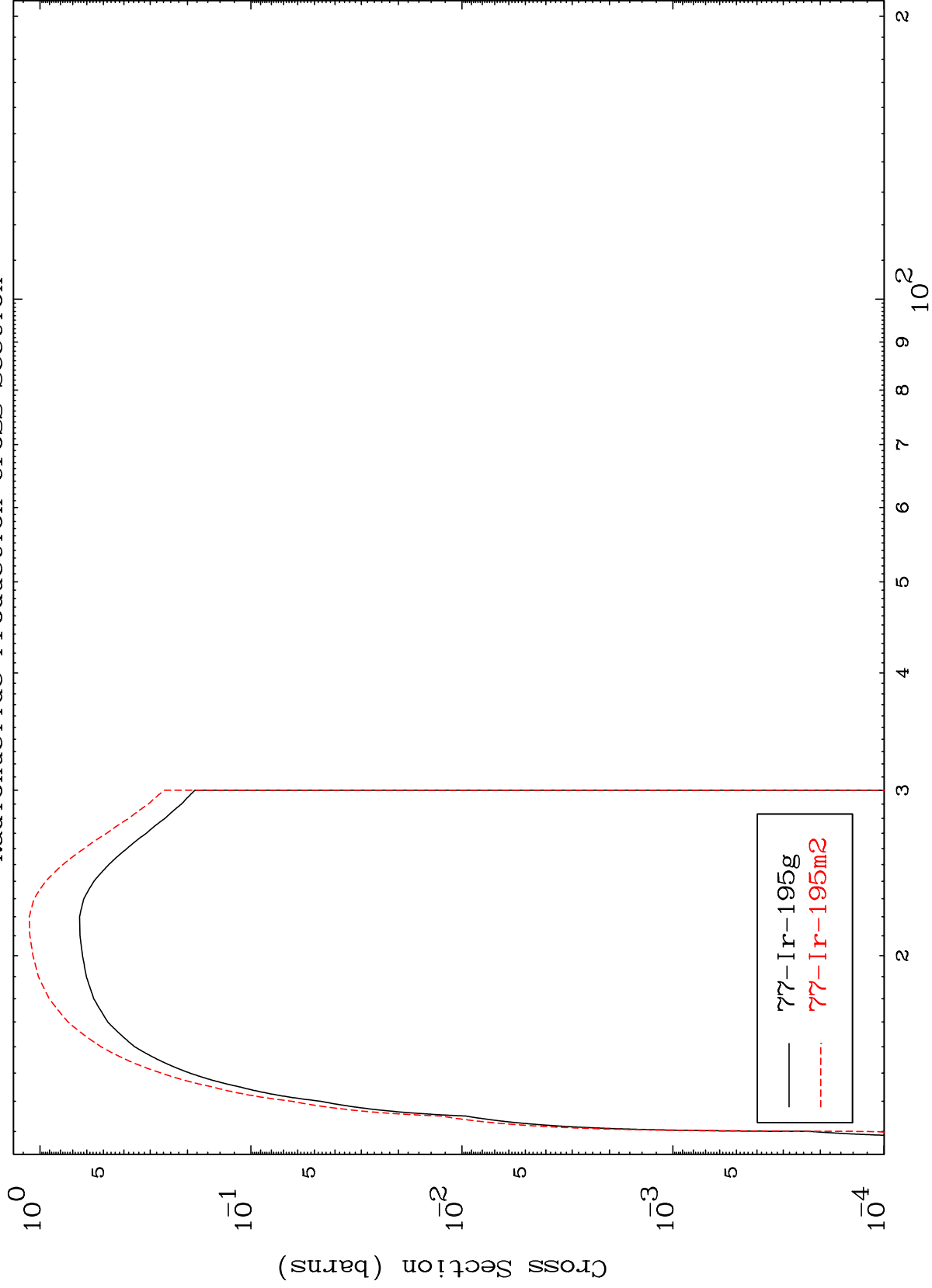
Incident Energy (MeV)

77-Ir-197

MAT 7743

<sup>77</sup>Ir-197

(n,3n)  
Radionuclide Production Cross Section



81

Incident Energy (MeV)

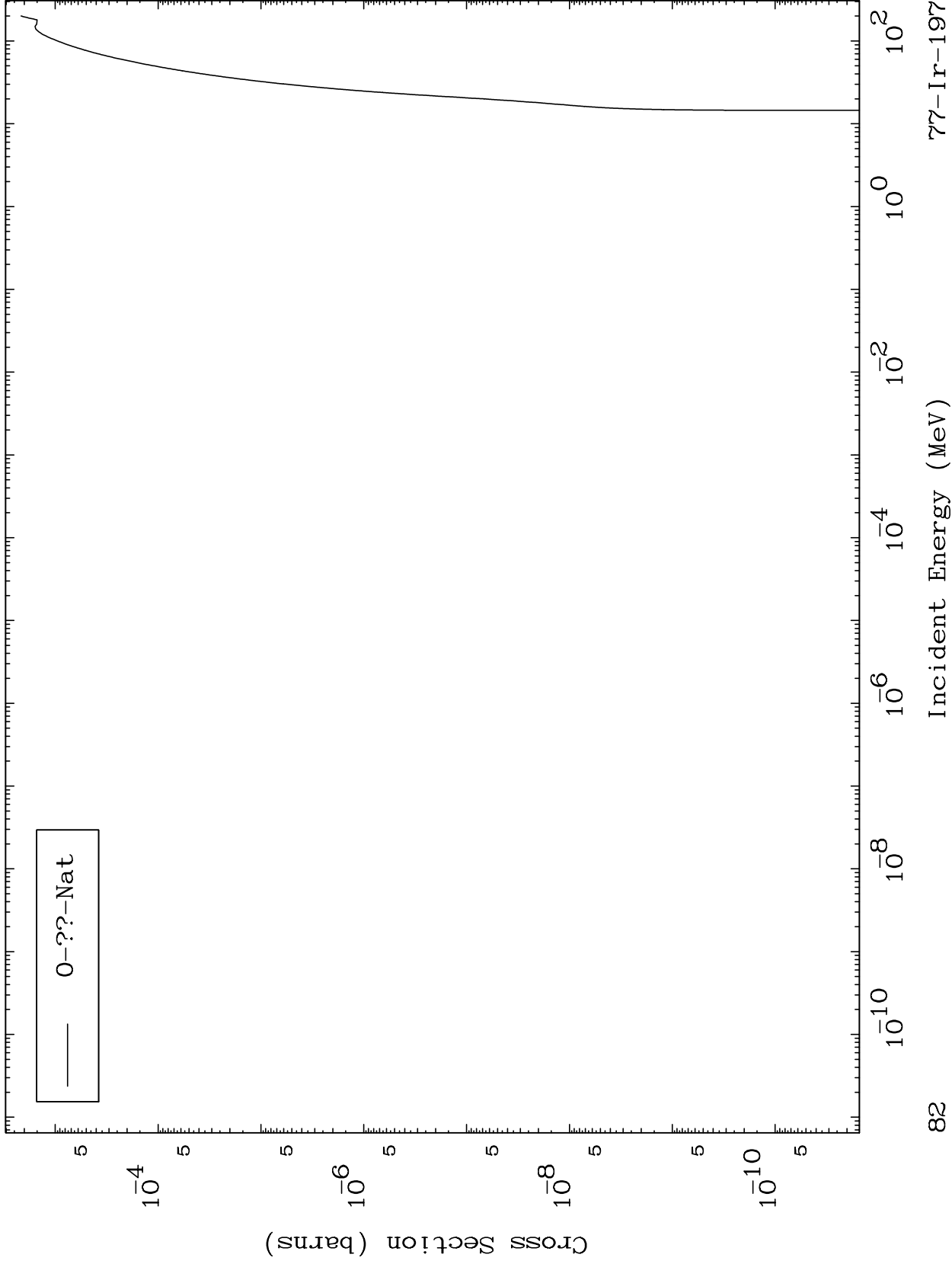
<sup>77</sup>Ir-197

MAT 7743

Fission

<sup>77</sup>Ir-197

Radionuclide Production Cross Section



82

Incident Energy (MeV)

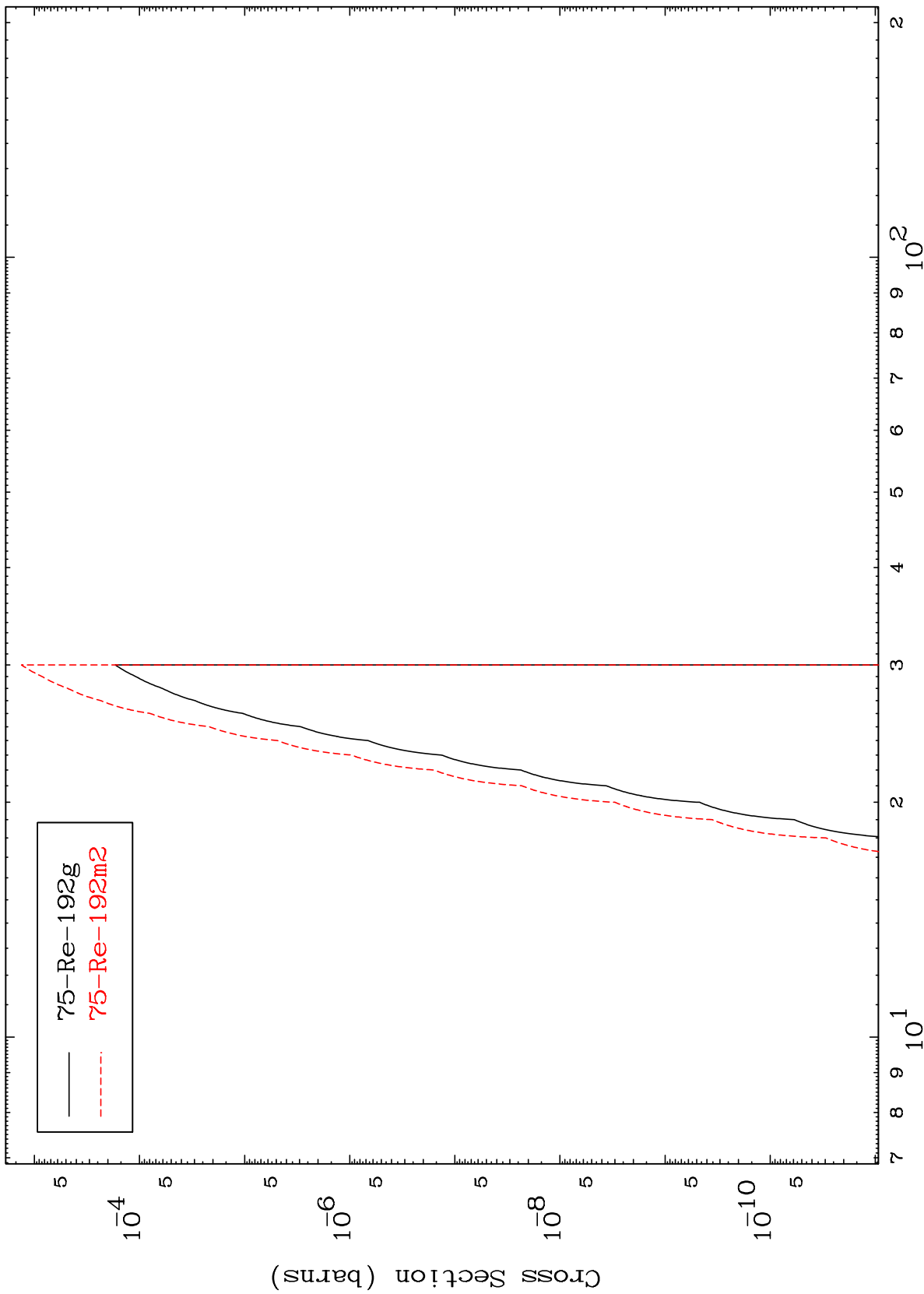
<sup>77</sup>Ir-197

MAT 7743

(n,2n)  $\alpha$

77-Ir-197

Radionuclide Production Cross Section



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

83

Incident Energy (MeV)

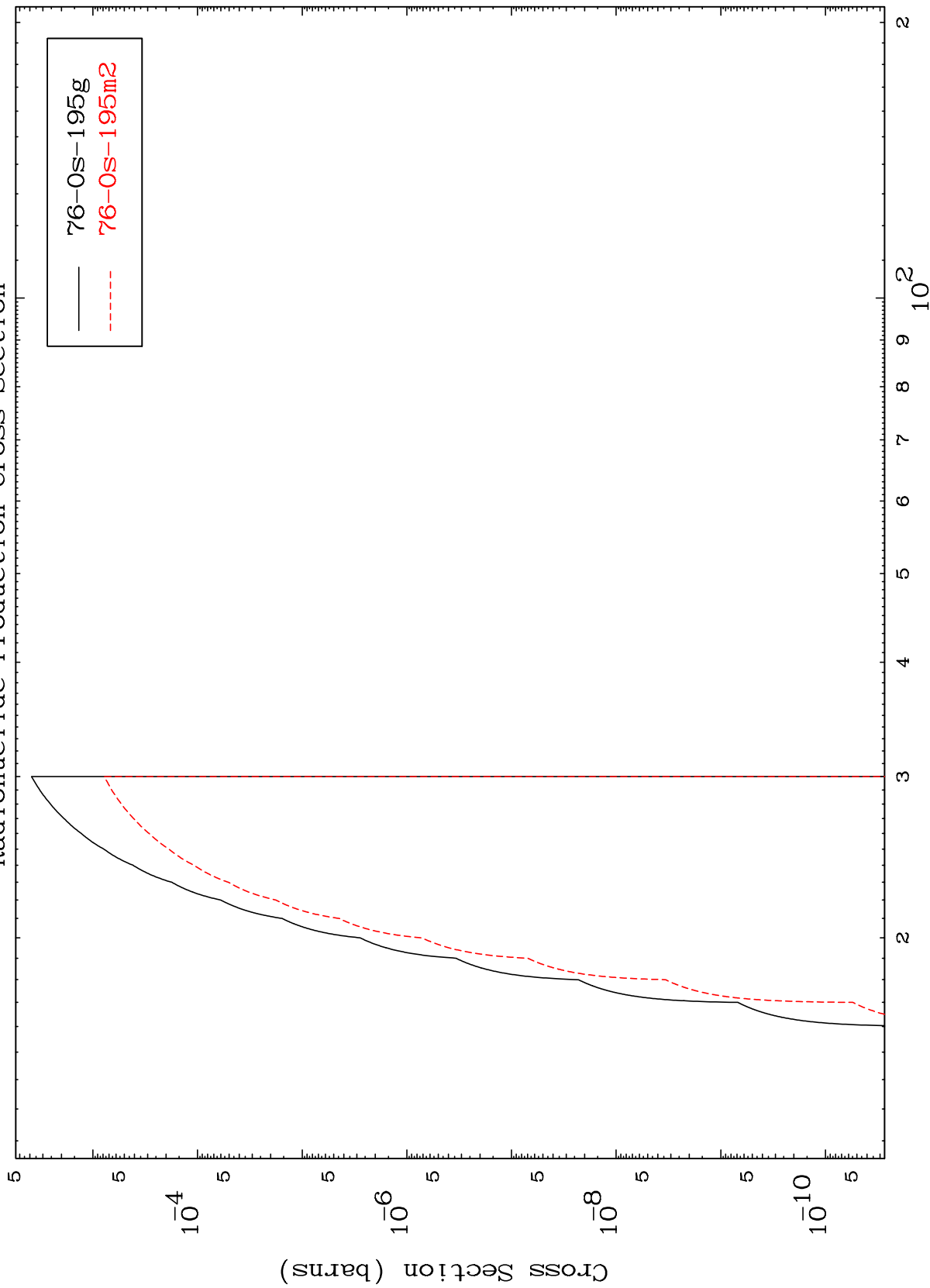
77-Ir-197

MAT 7743

(n,n') d

77-Ir-197

Radionuclide Production Cross Section



84

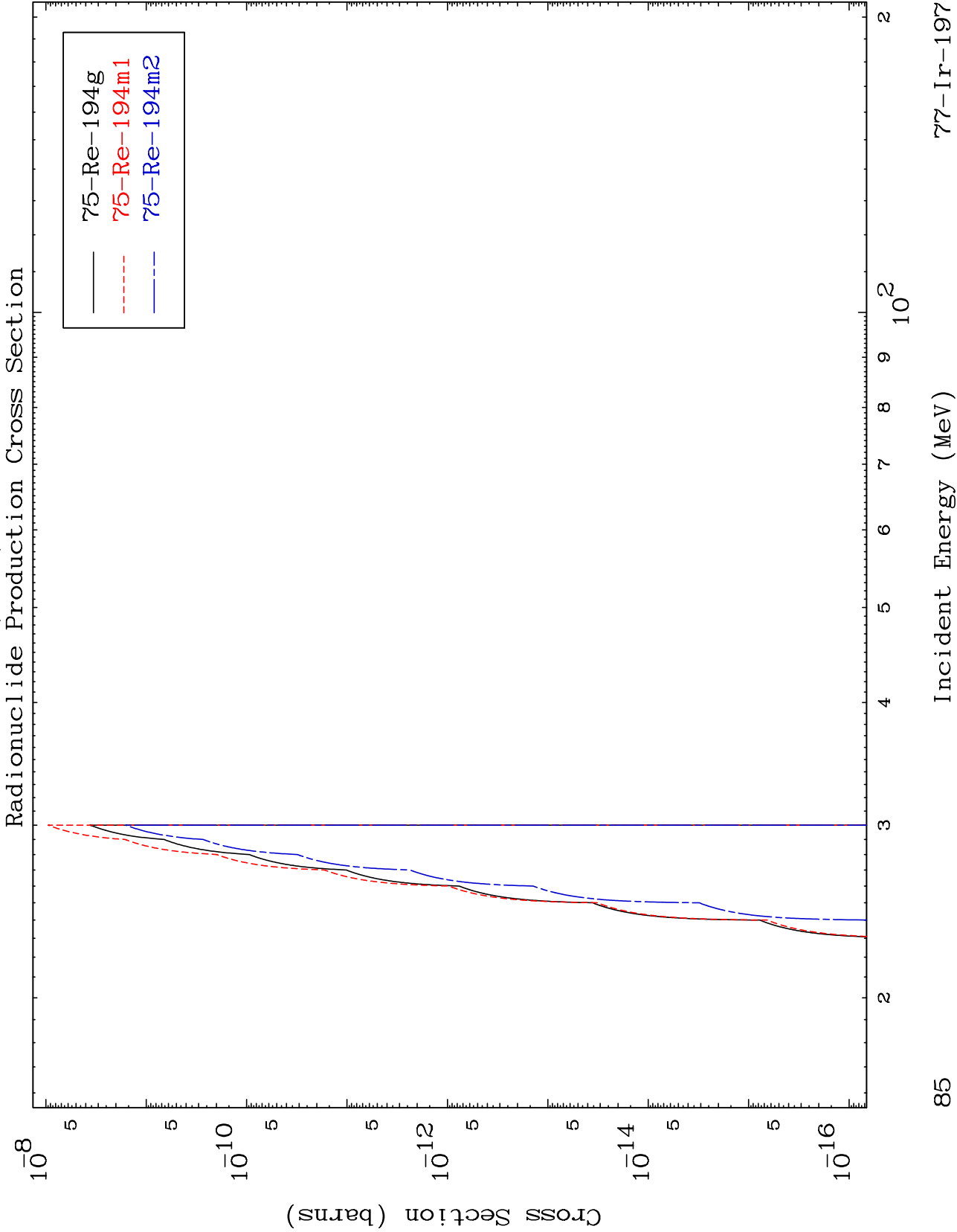
Incident Energy (MeV)

77-Ir-197

MAT 7743

(n,n') He-3

77-Ir-197



85

Incident Energy (MeV)

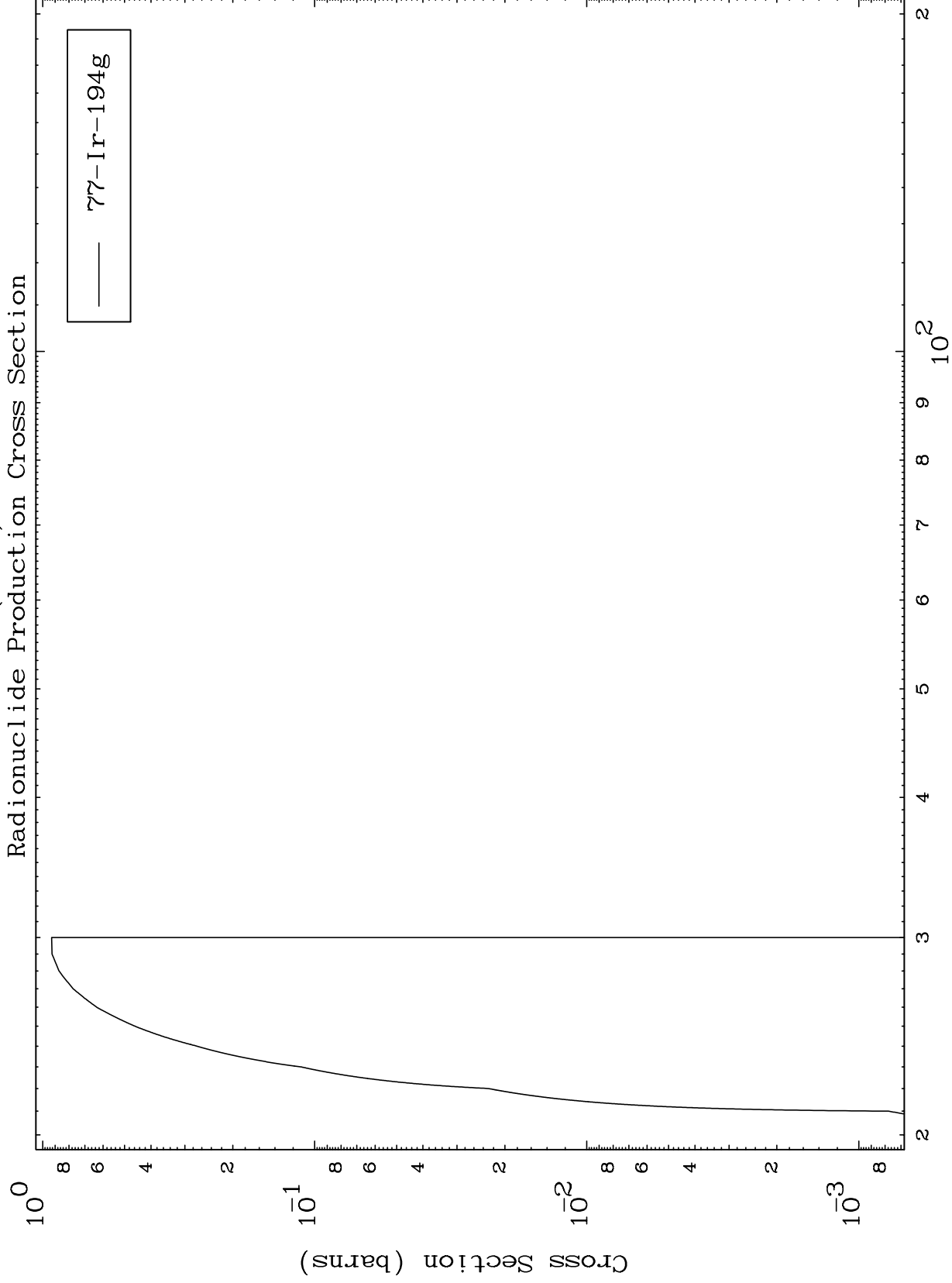
77-Ir-197

MAT 7743

77-Ir-197

(n,4n)

Radionuclide Production Cross Section



86

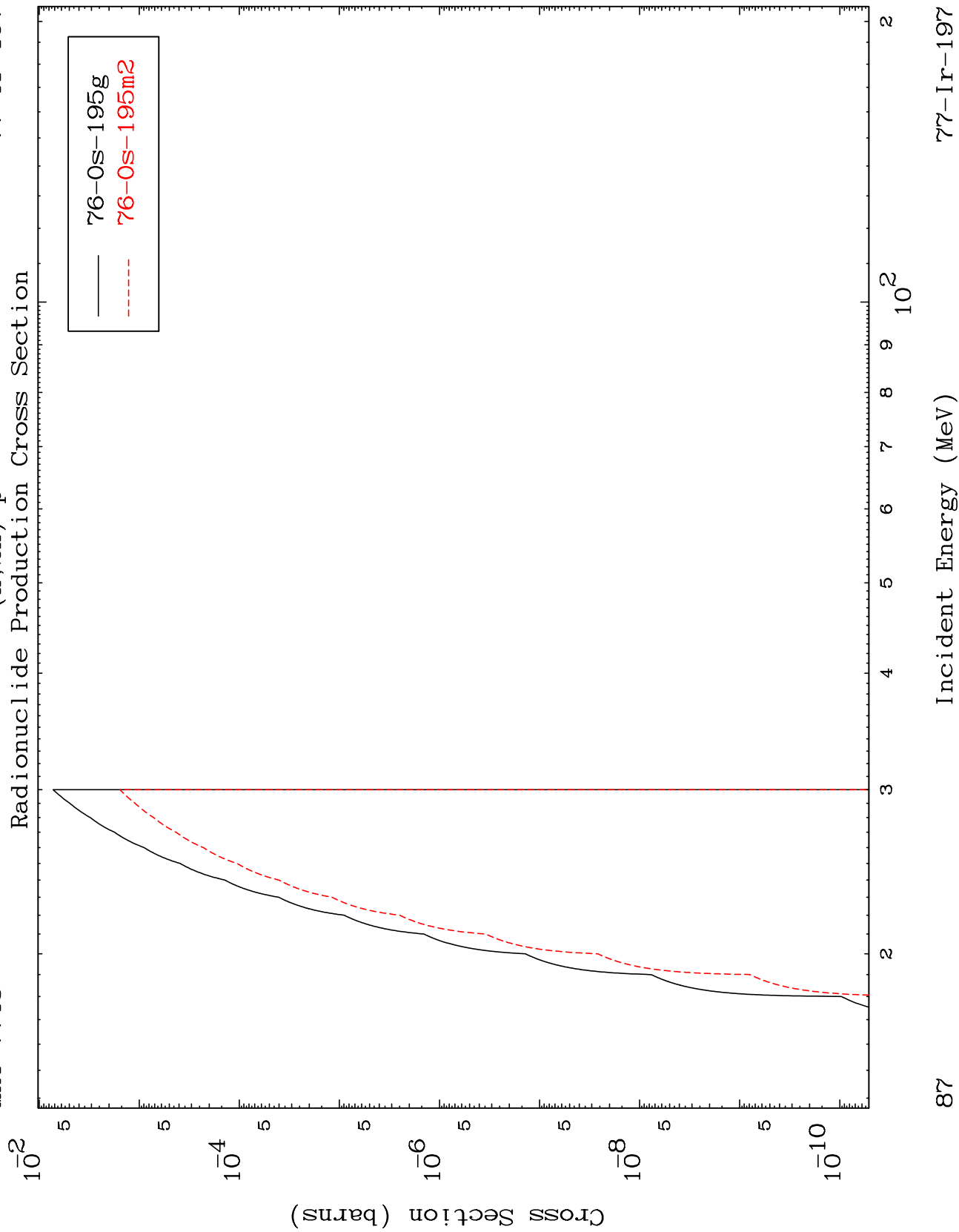
Incident Energy (MeV)

77-Ir-197

MAT 7743

(n,2n) p

77-Ir-197



87

Incident Energy (MeV)

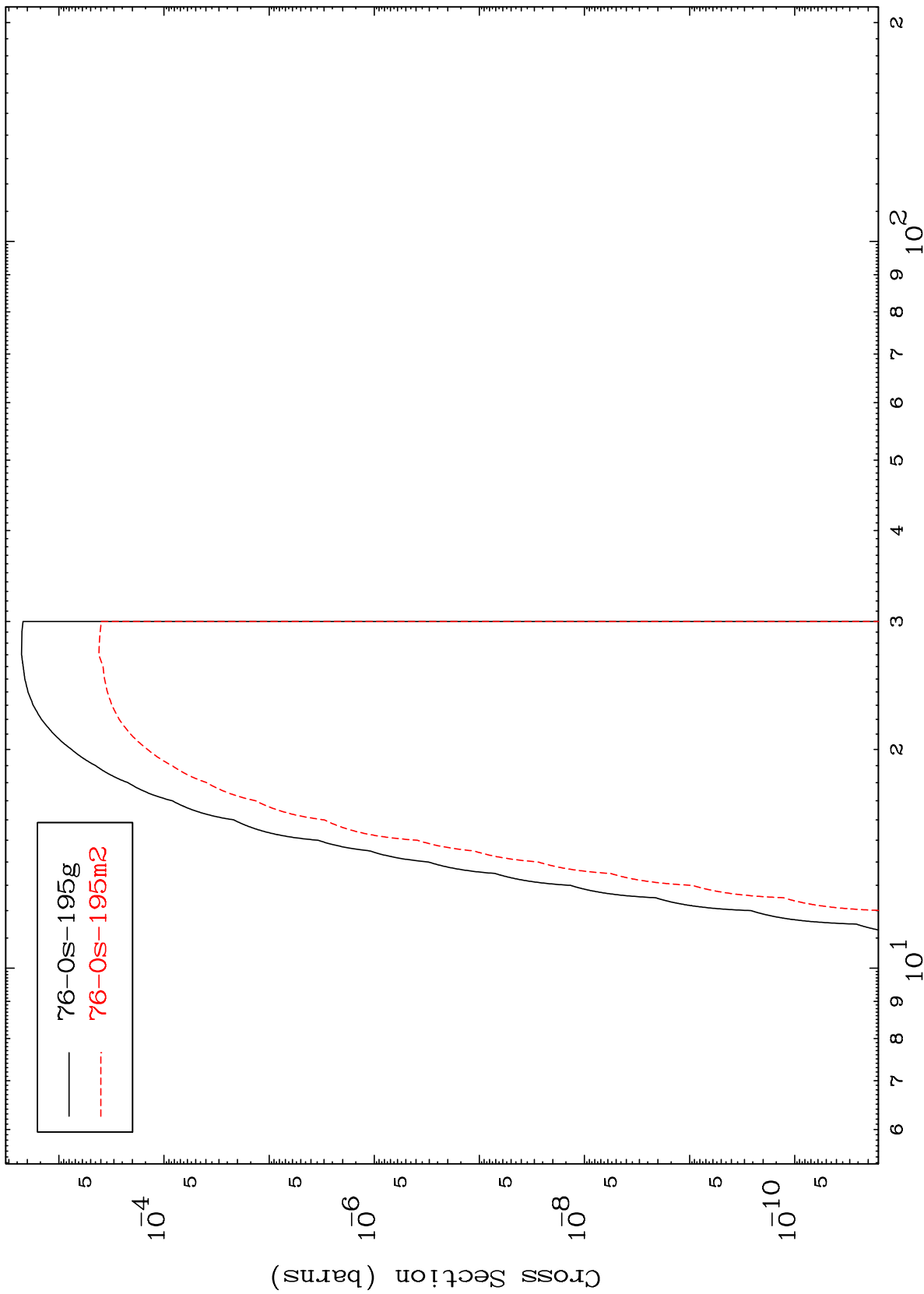
77-Ir-197



MAT 7743

77-Ir-197

(n, t)  
Radionuclide Production Cross Section



88

Incident Energy (MeV)

77-Ir-197

MAT 7743

77-Ir-197

Radionuclide Production Cross Section

