

Program EVALPLOT
(Version 2021-1)

by

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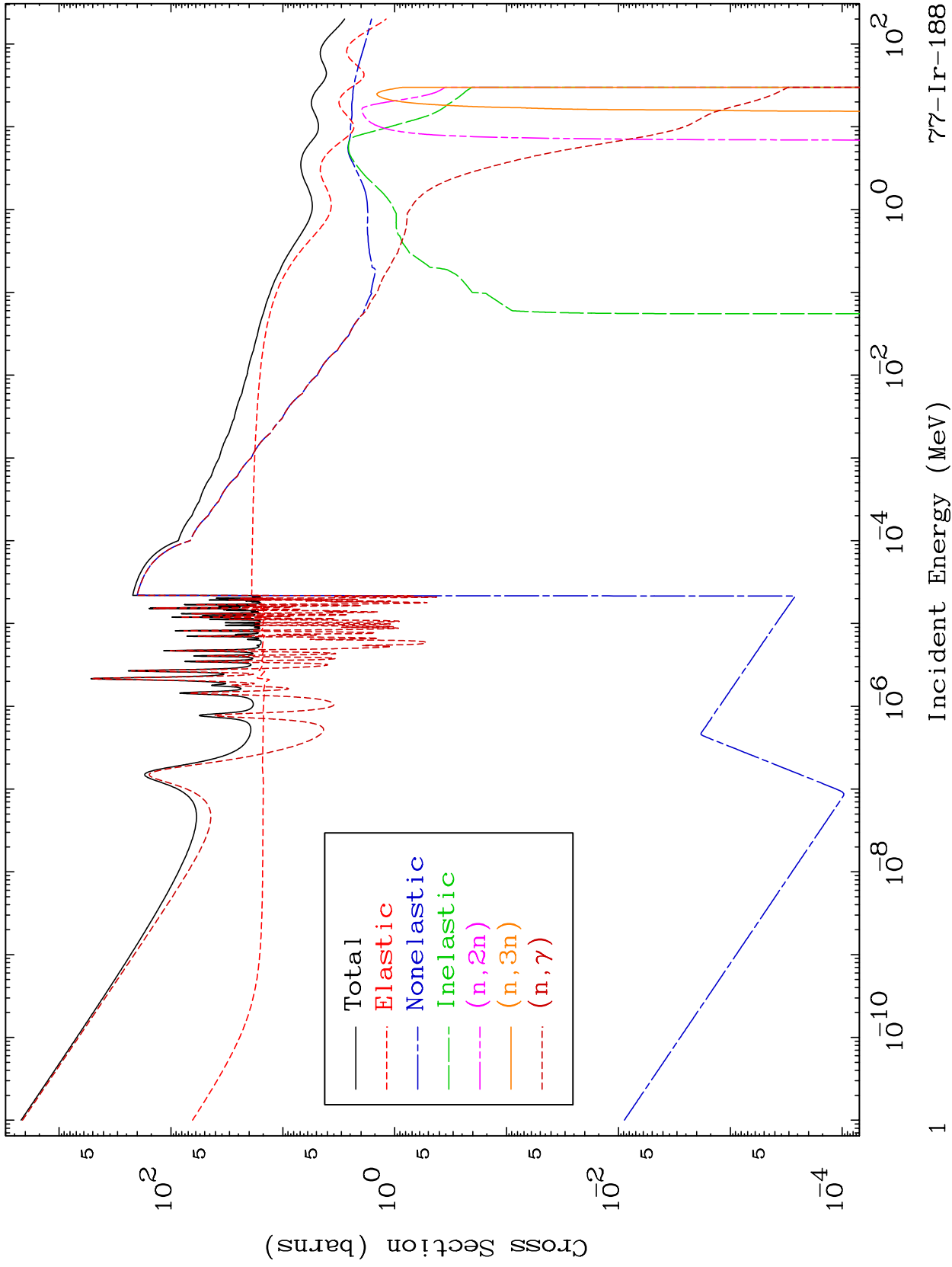
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7716

Neutron Major
293 Kelvin Cross Sections

77-Ir-188



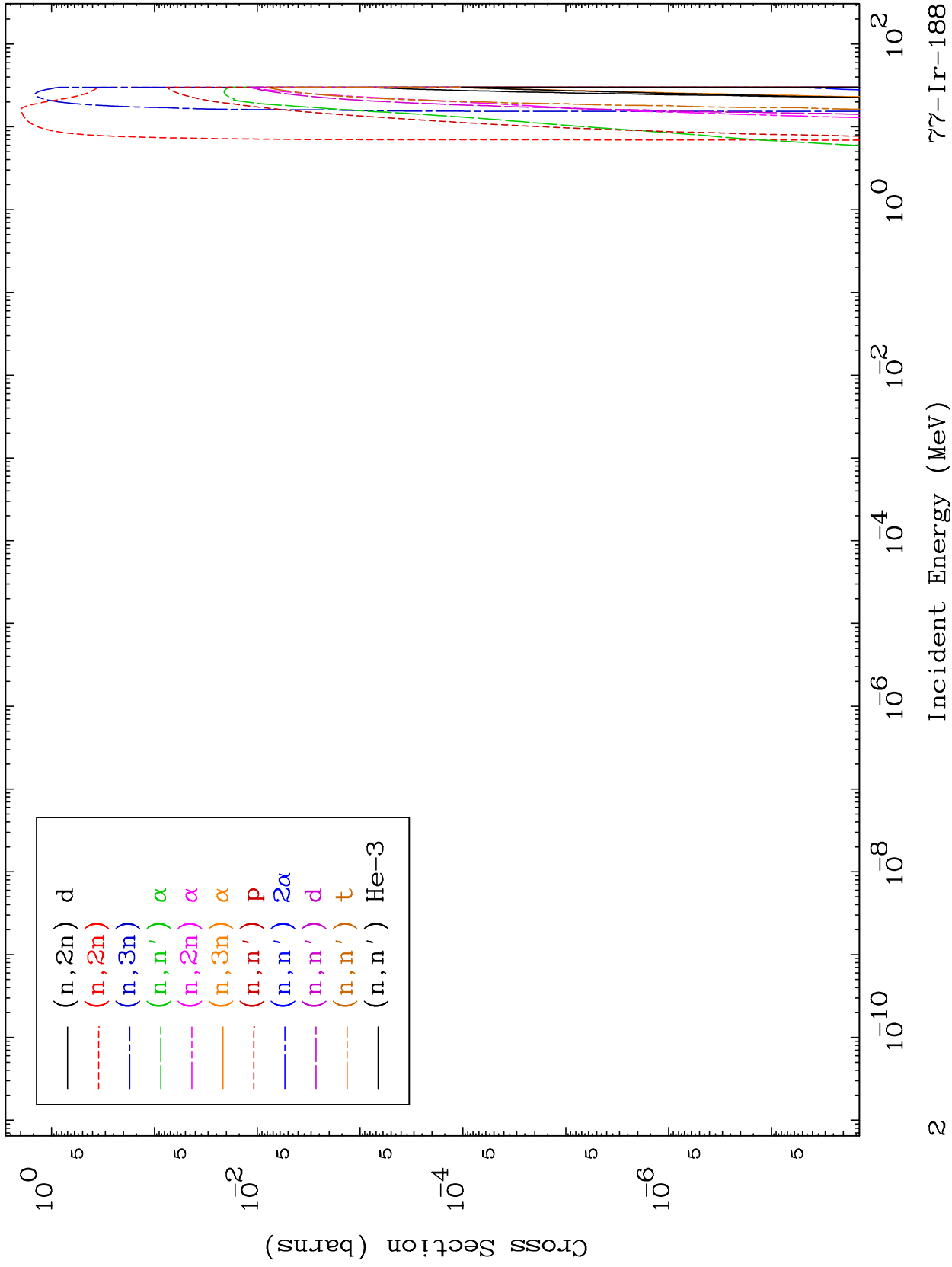
1

77-Ir-188

MAT 7716

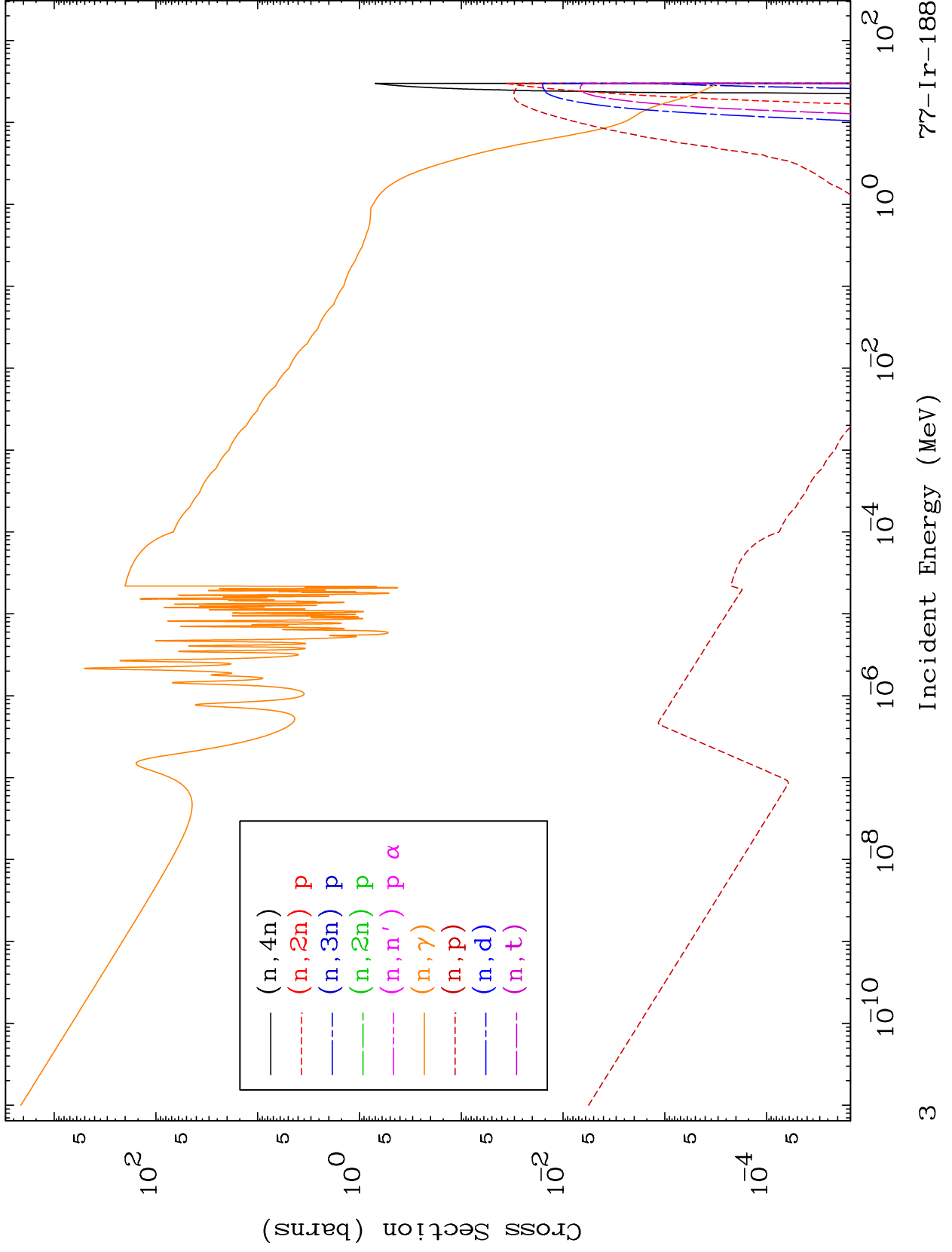
Neutron Absorption
293 Kelvin Cross Sections

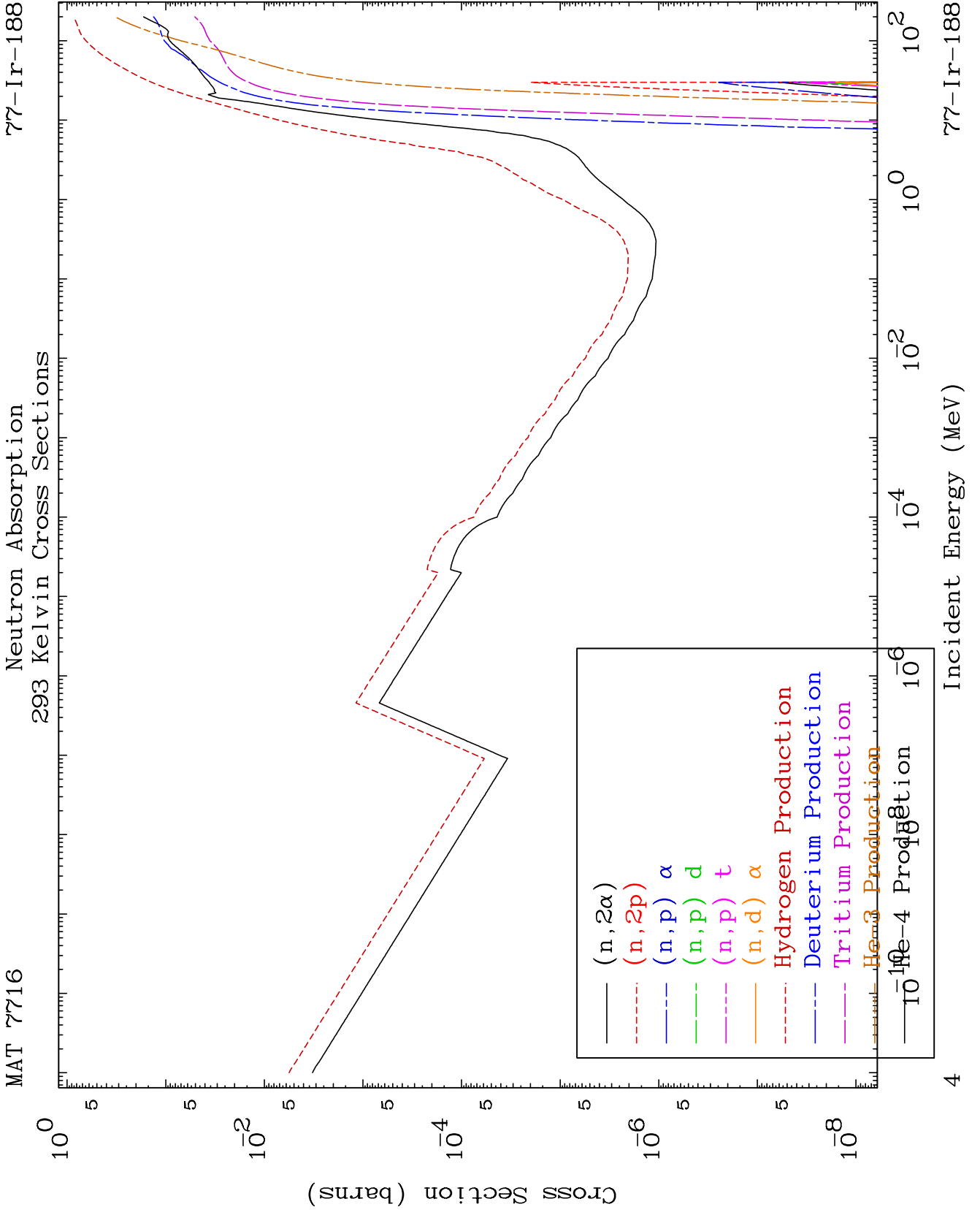
77-Ir-188



77-Ir-188

Incident Energy (MeV)

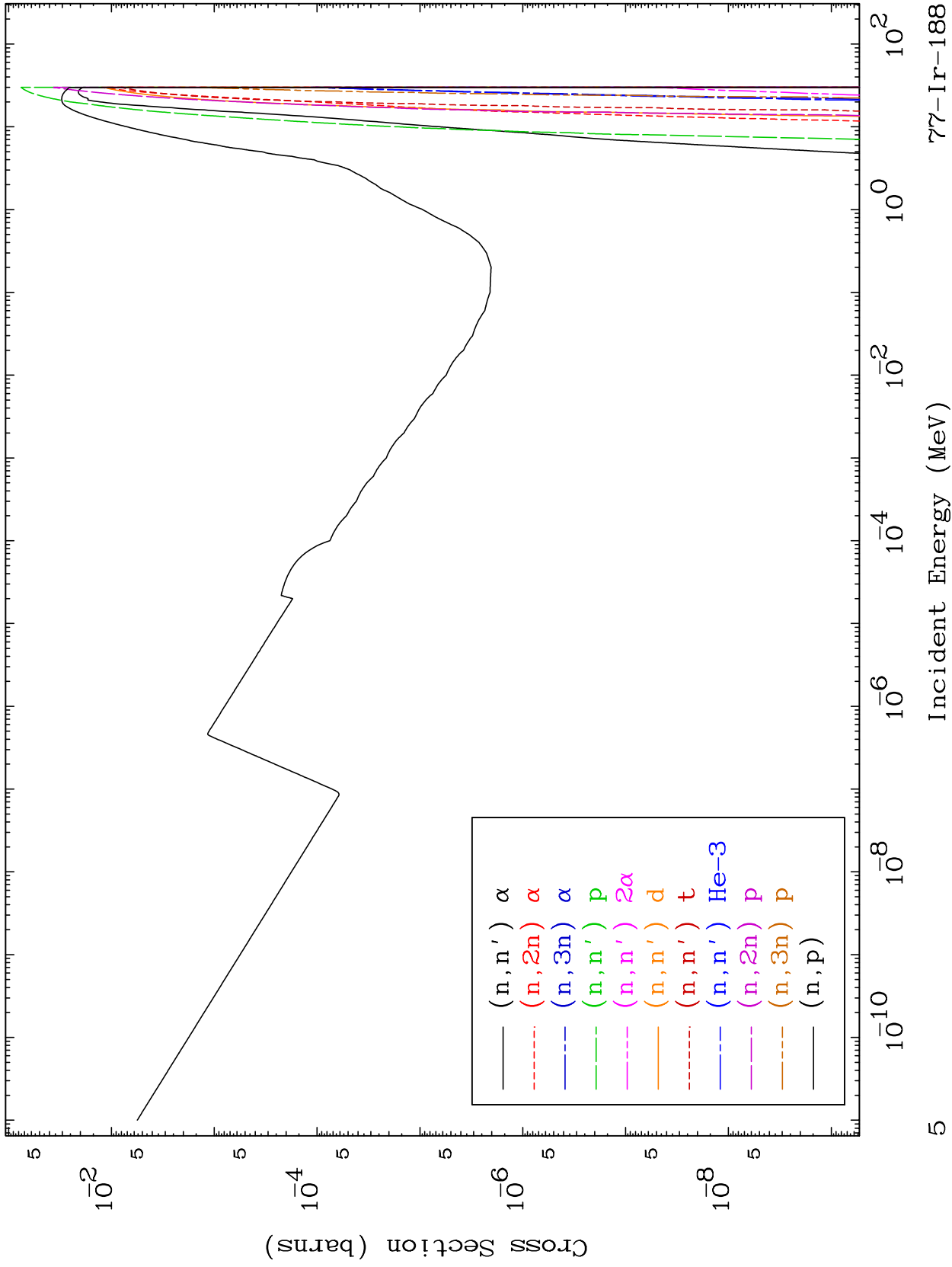




MAT 7716

Charged Particle
293 Kelvin Cross Sections

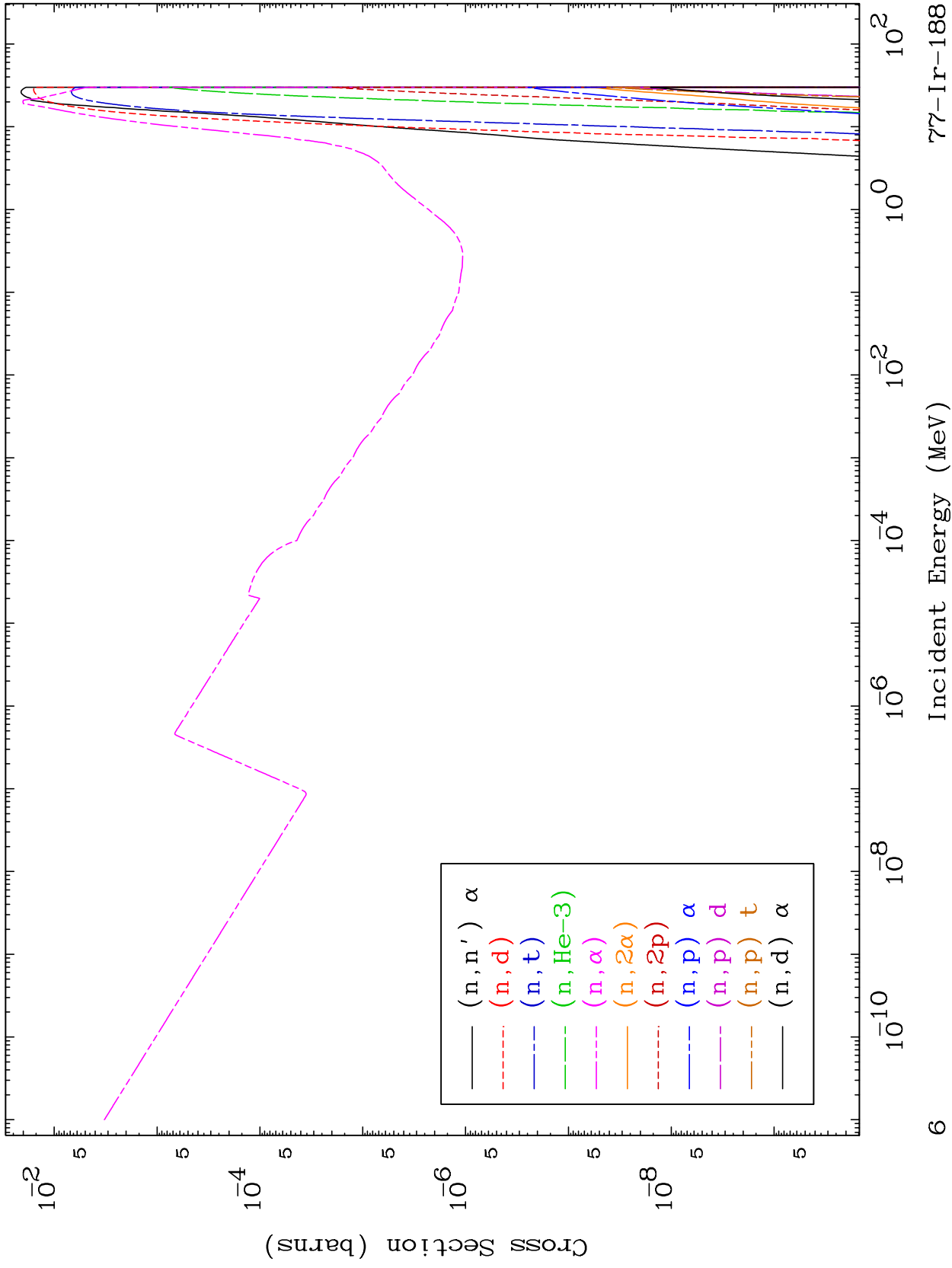
77-Ir-188



MAT 7716

Charged Particle
293 Kelvin Cross Sections

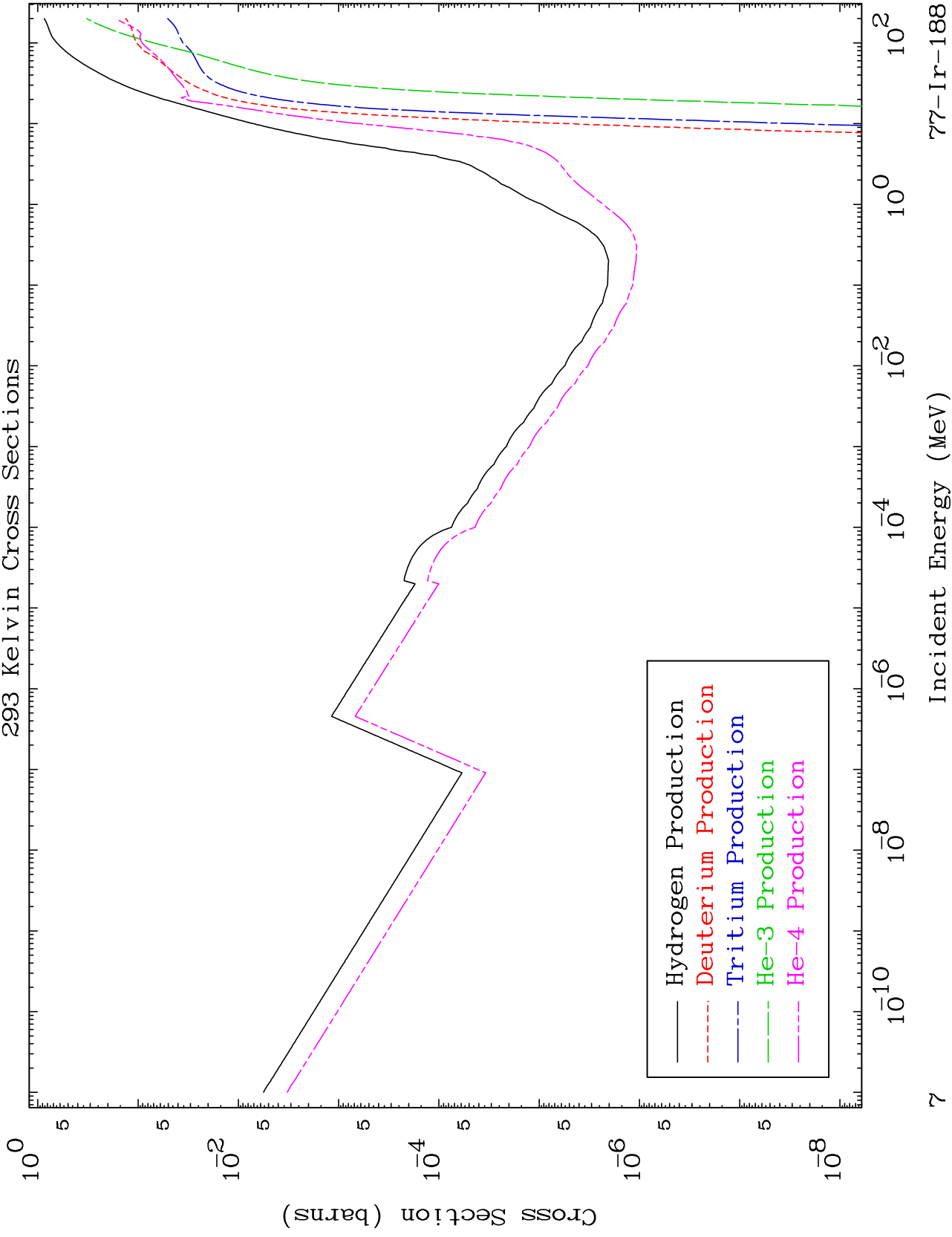
77-Ir-188



MAT 7716

Particle Production
293 Kelvin Cross Sections

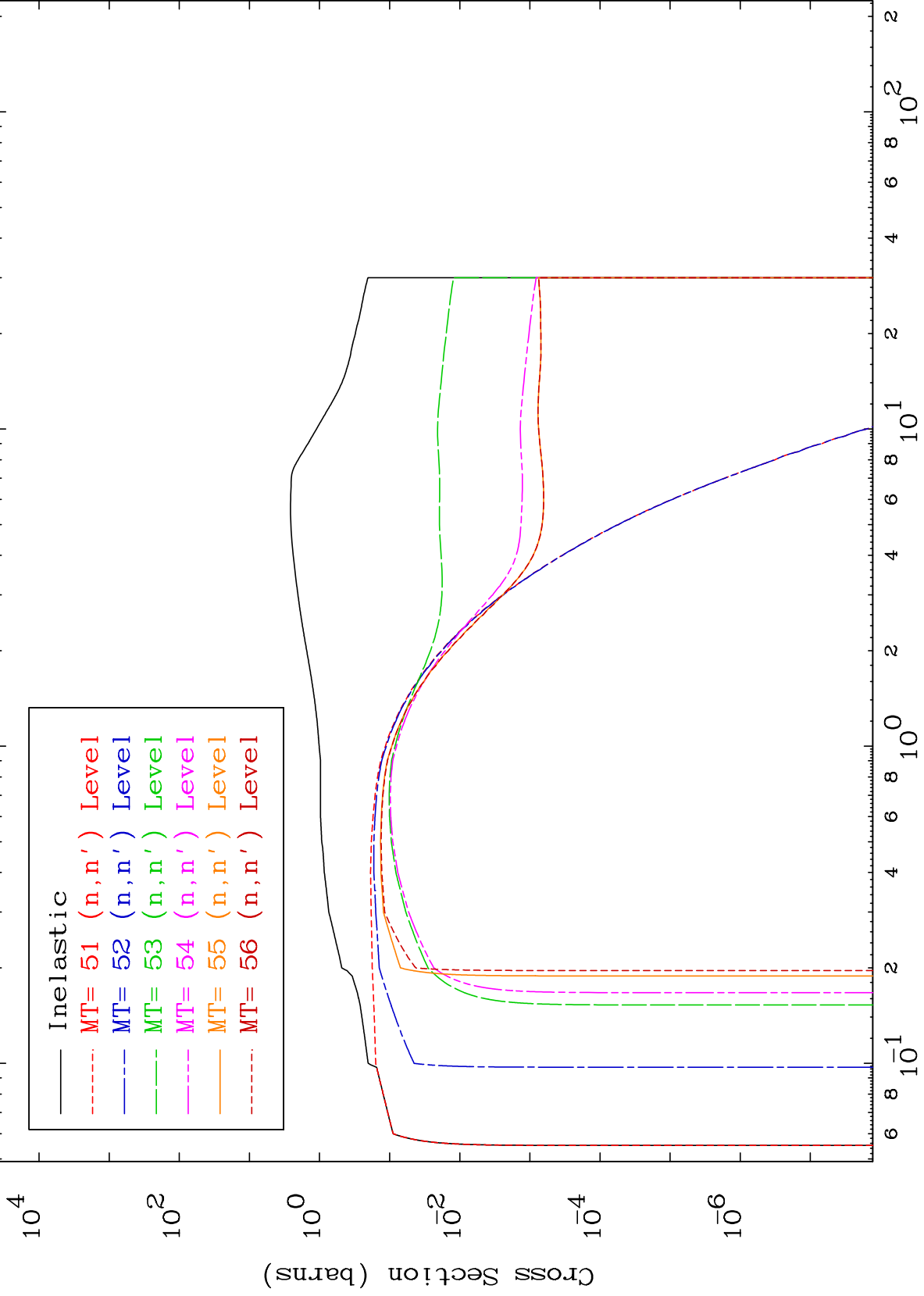
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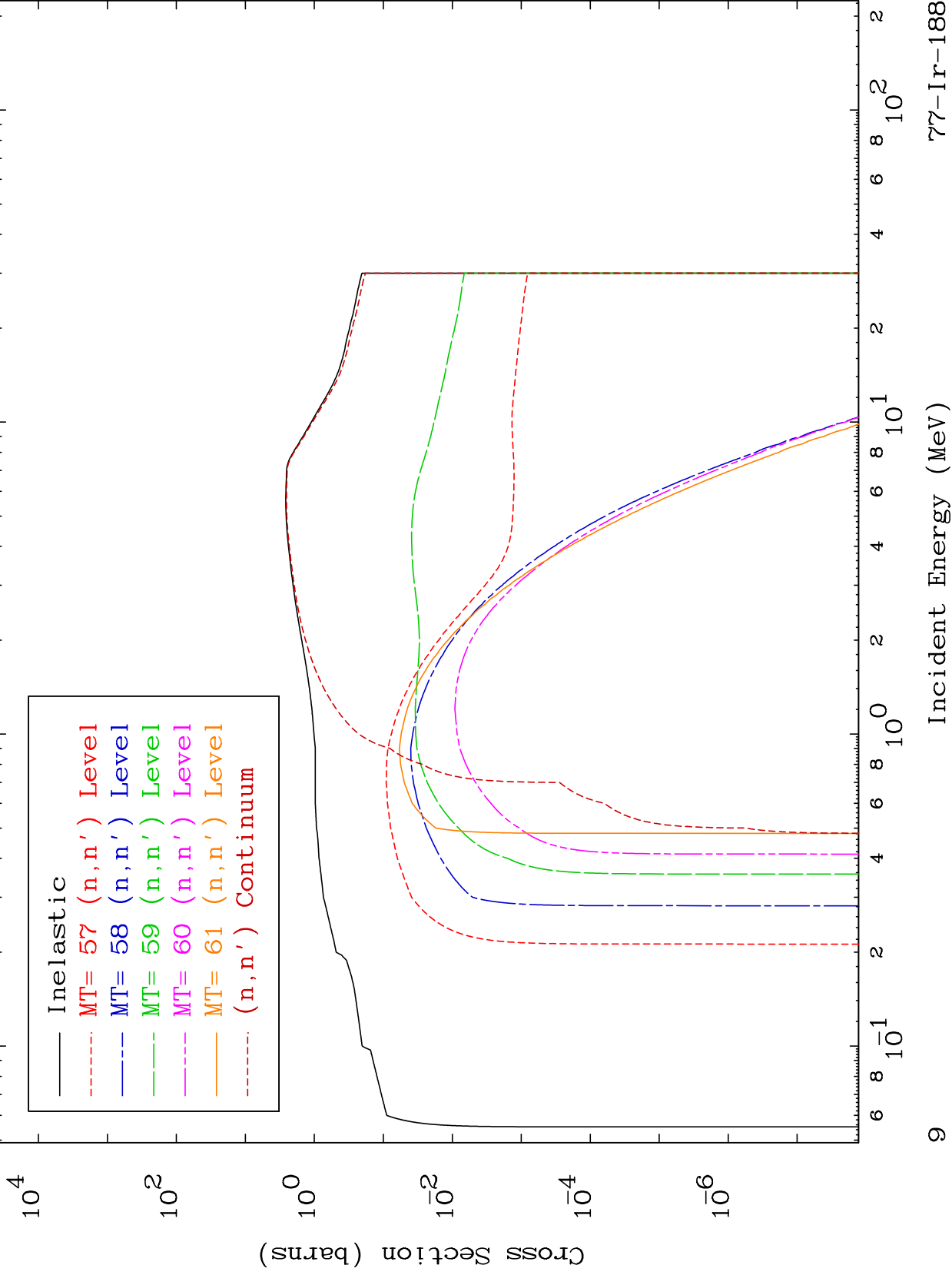


MAT 7716

(n,n') Levels
293 Kelvin Cross Sections

77-Ir-188

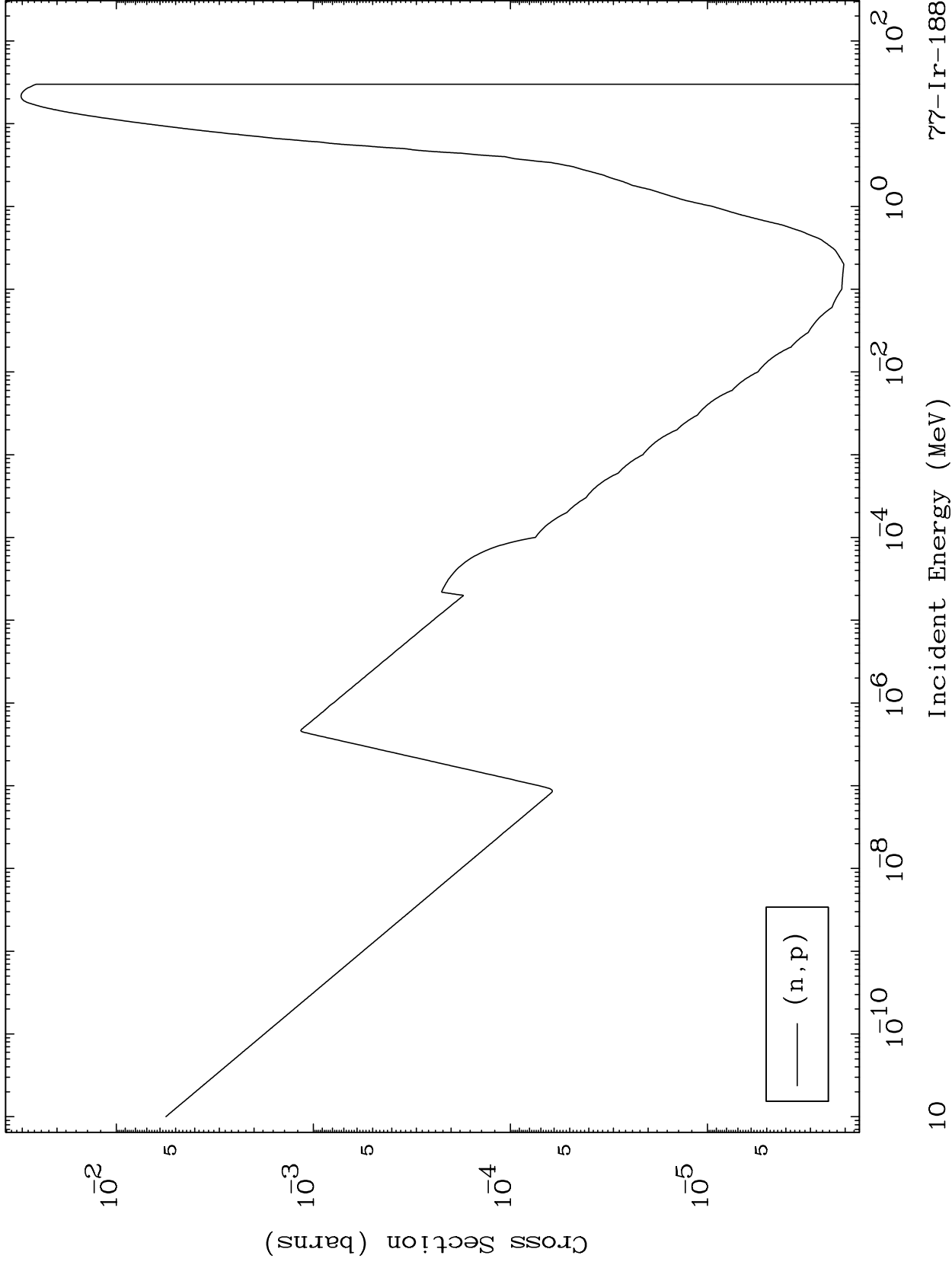




MAT 7716

(n,p) Levels
293 Kelvin Cross Sections

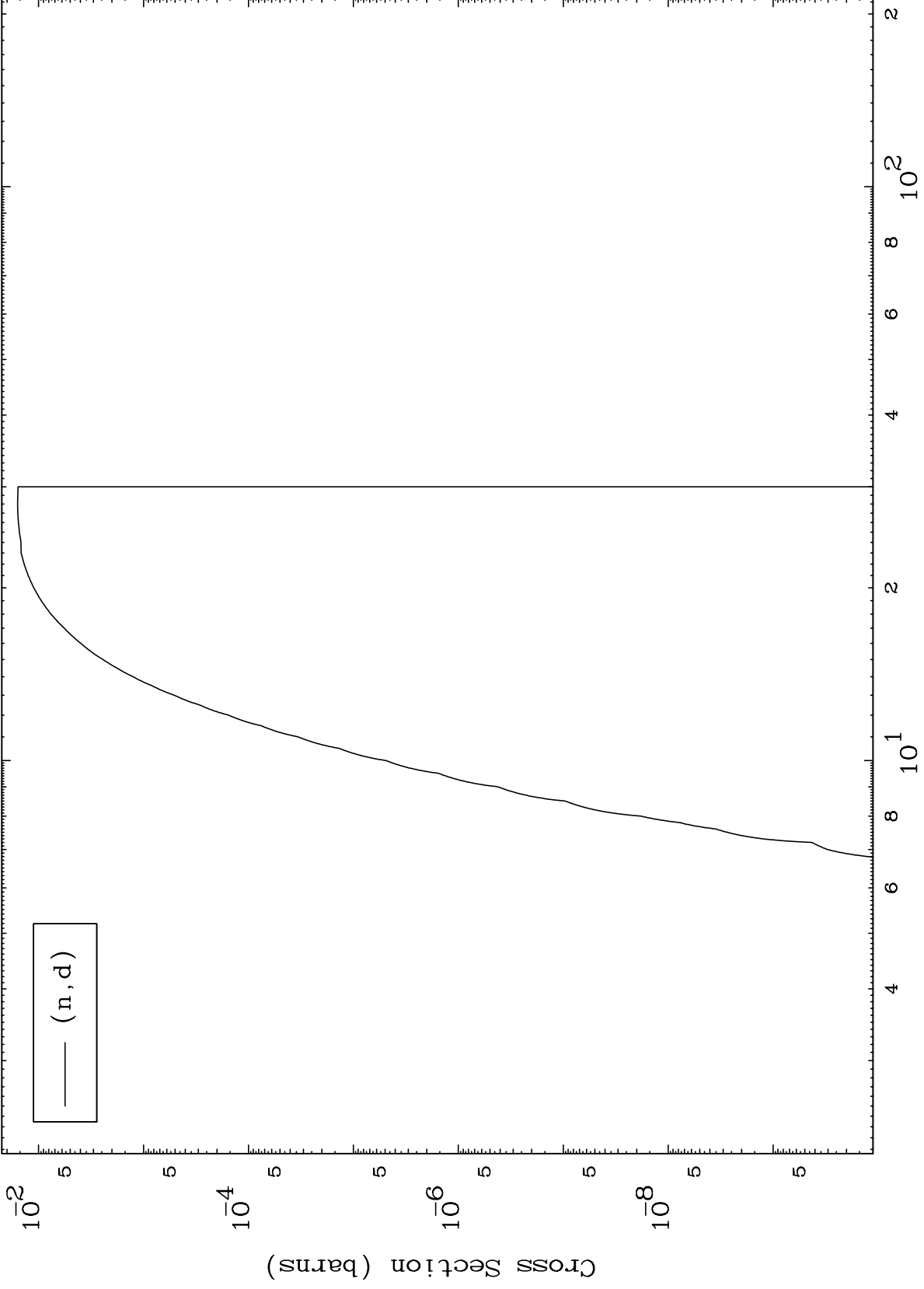
77-Ir-188



MAT 7716

(n,d) Levels
293 Kelvin Cross Sections

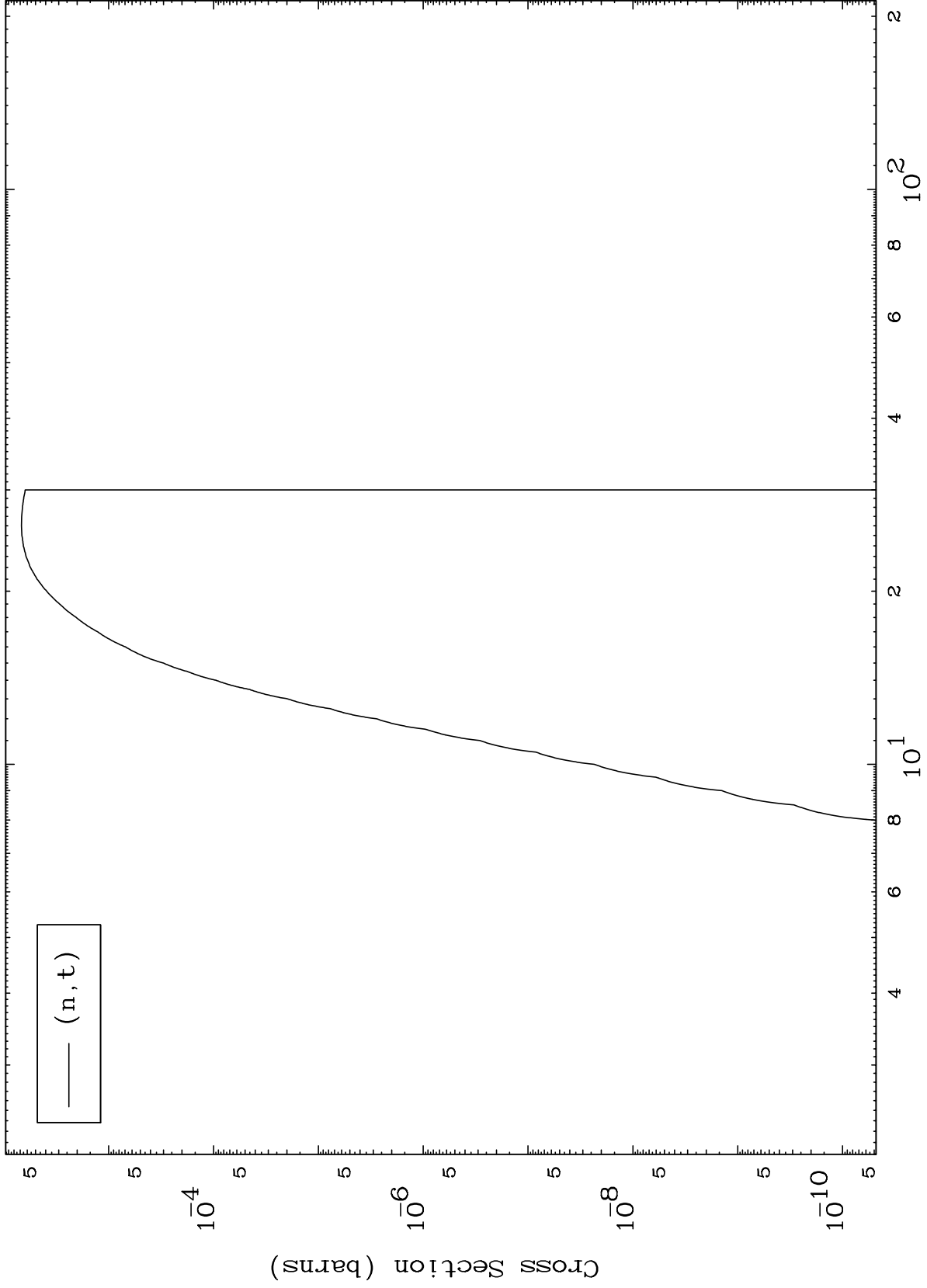
⁷⁷Ir-188



MAT 7716

(n,t) Levels
293 Kelvin Cross Sections

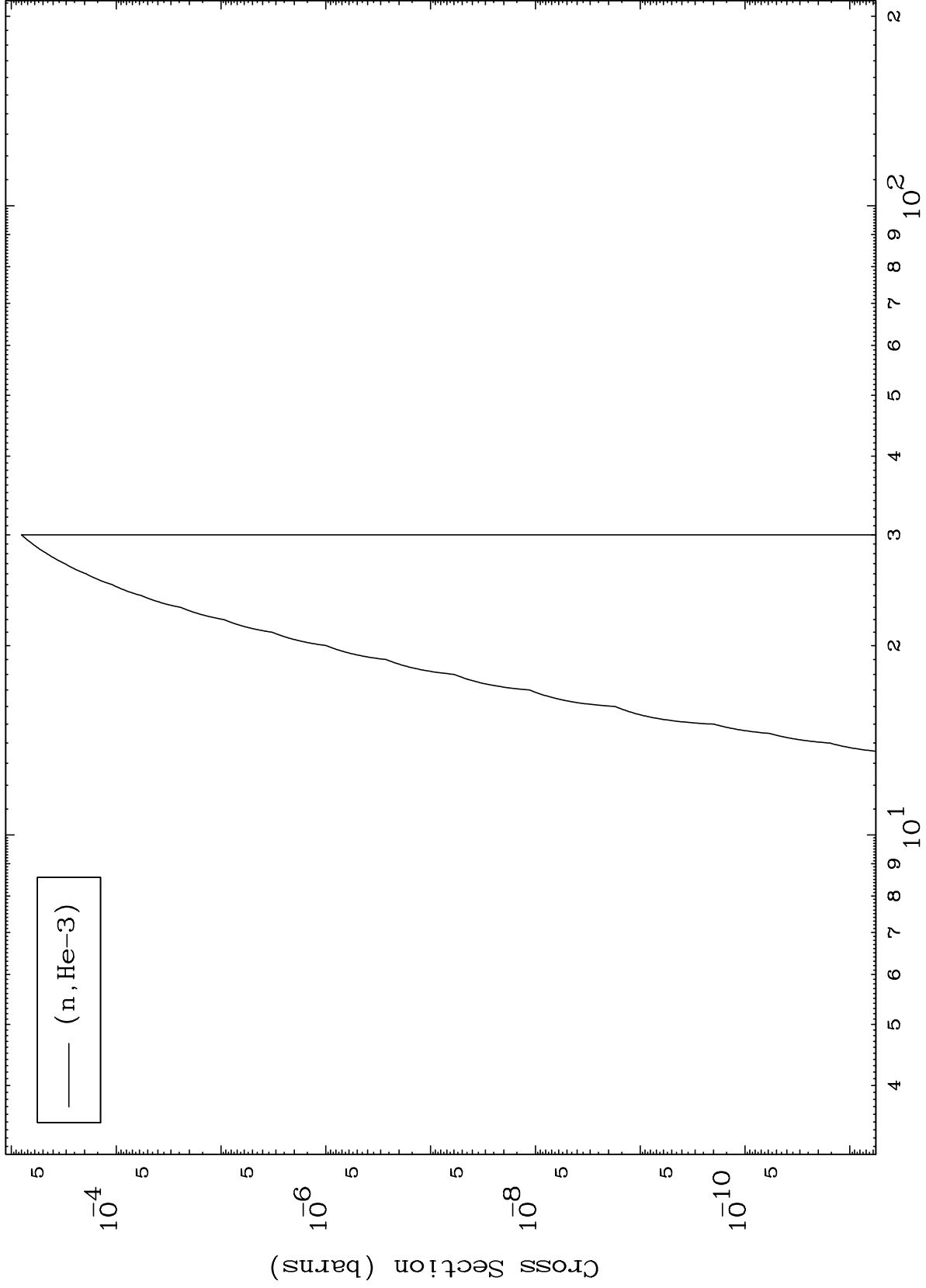
77-Ir-188



MAT 7716

(n,He3) Levels
293 Kelvin Cross Sections

77-Ir-188



13

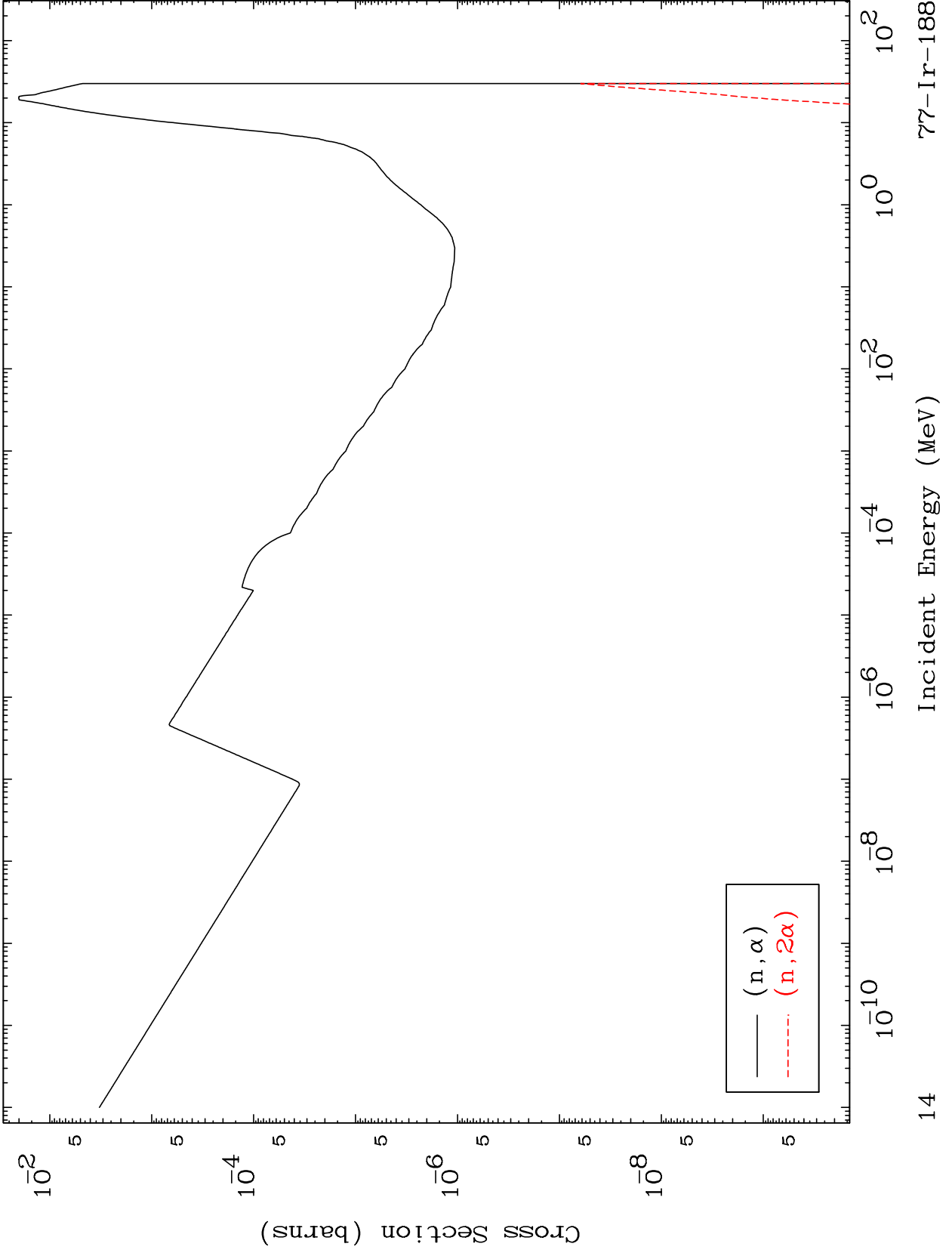
Incident Energy (MeV)

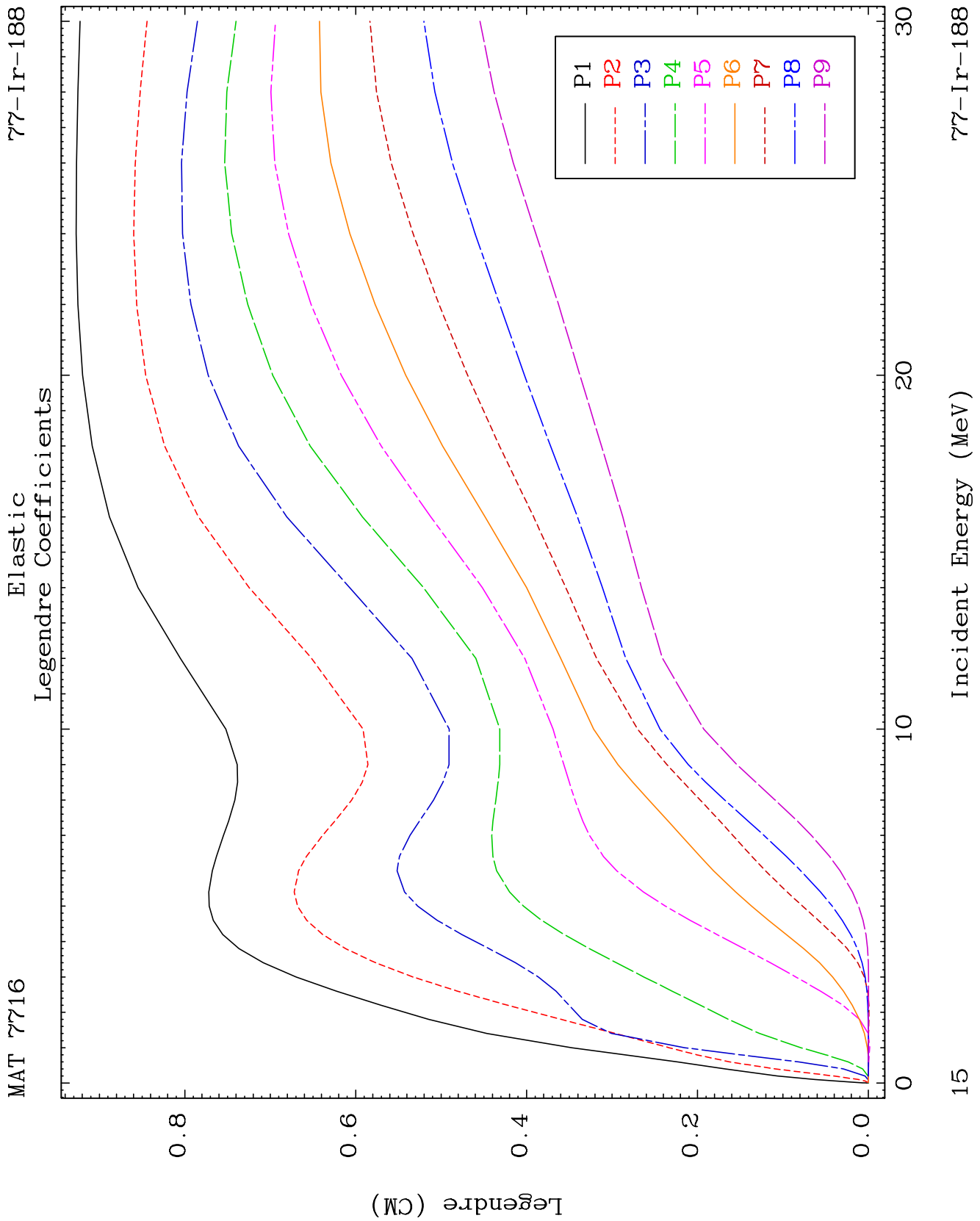
77-Ir-188

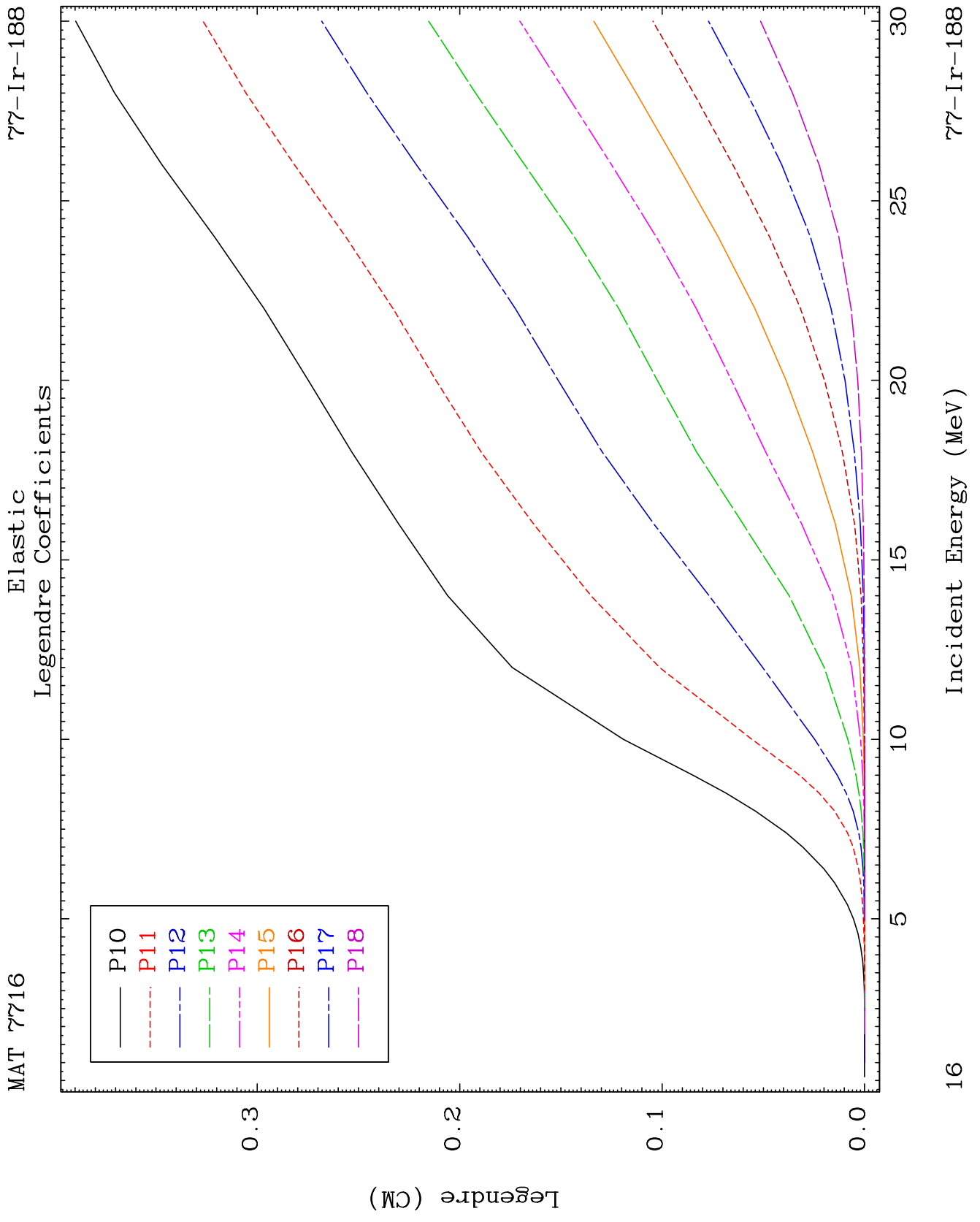
MAT 7716

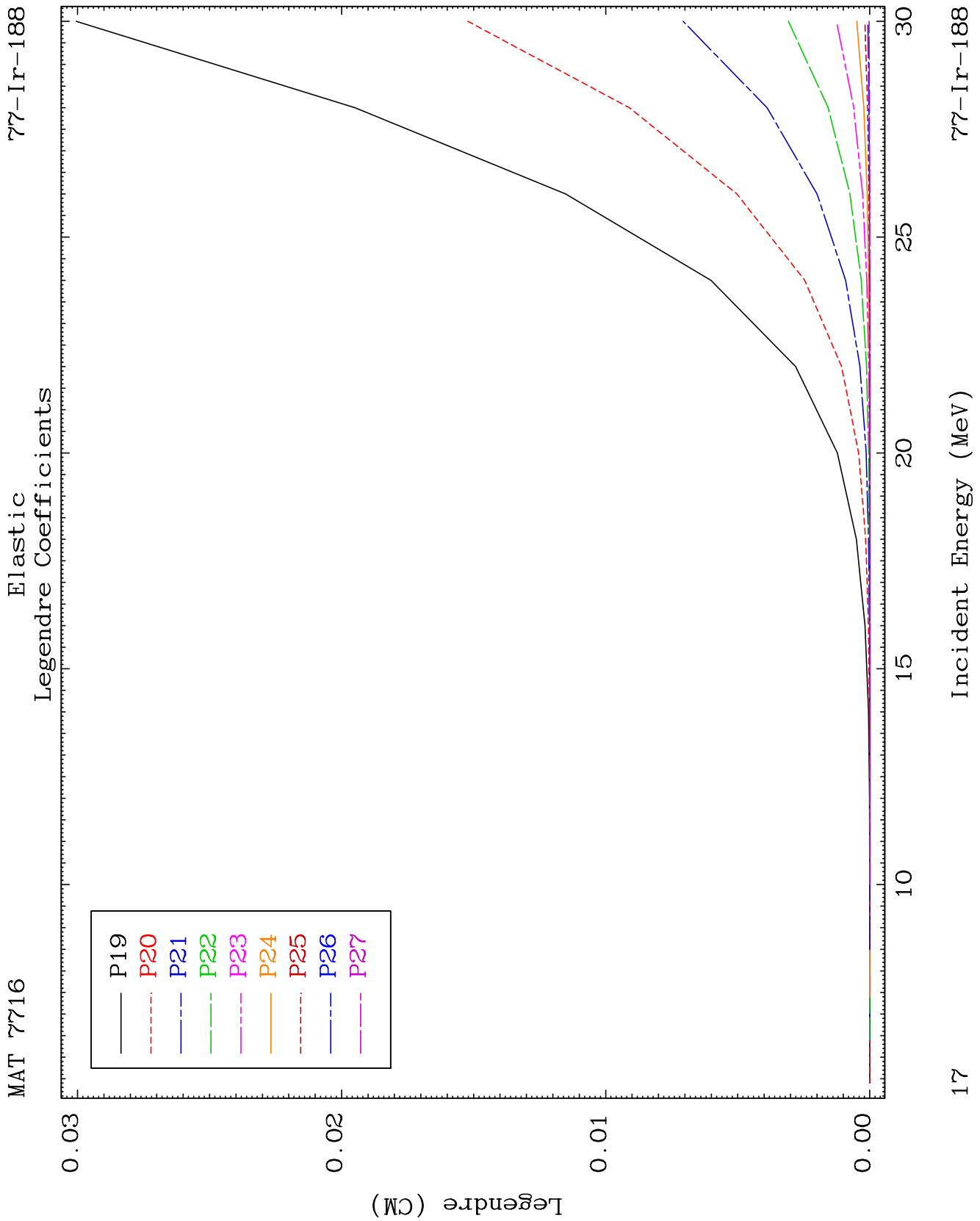
(n,α) Levels
293 Kelvin Cross Sections

77-Ir-188









MAT 7716

Elastic Legendre Coefficients

77-Ir-188

17

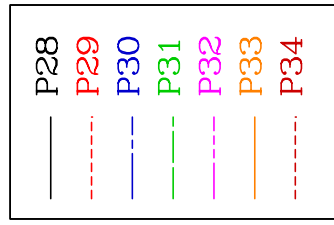
Incident Energy (MeV)

77-Ir-188

MAT 7716

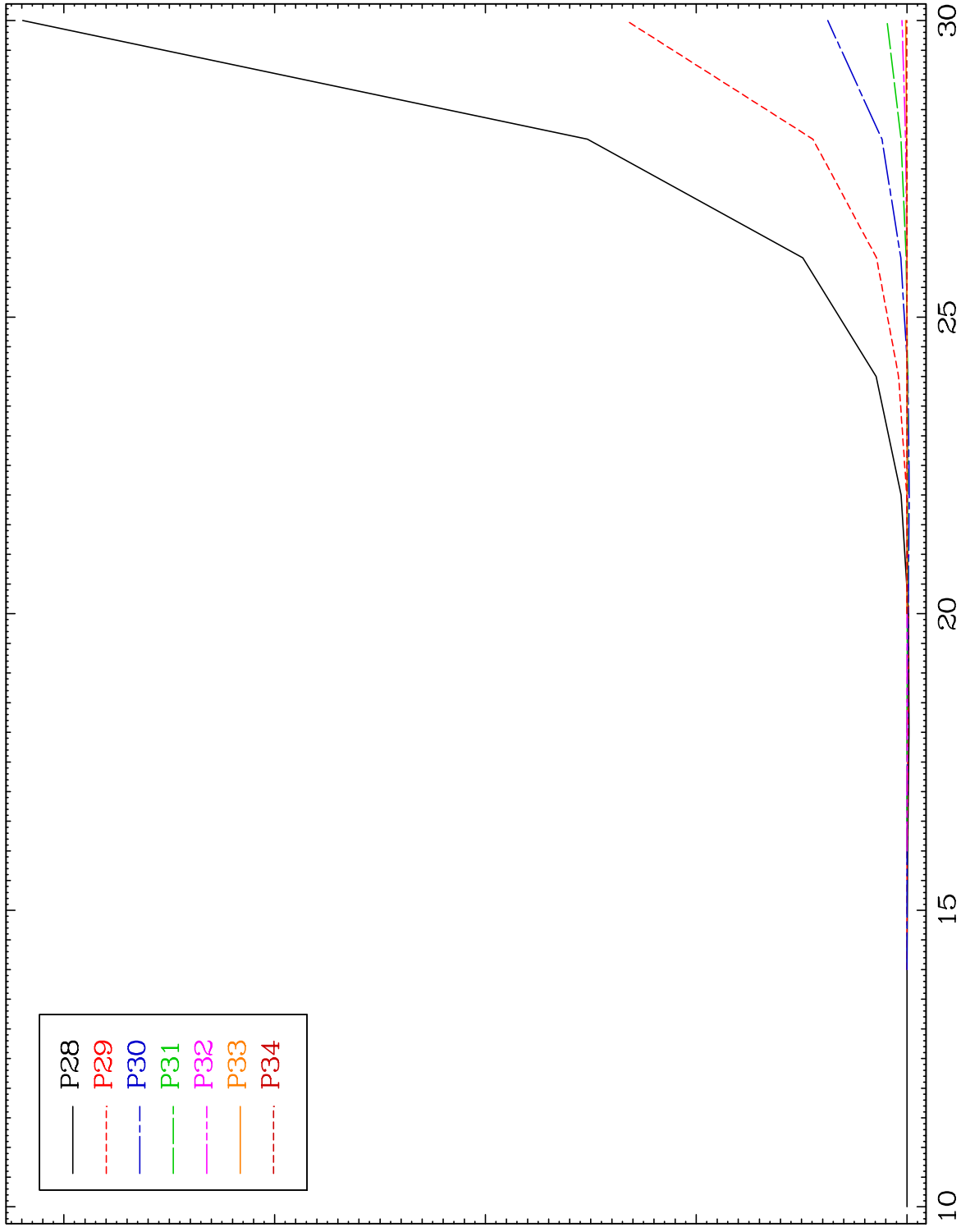
Elastic
Legendre Coefficients

77-Ir-188



$\times 10^{-68}$

Legendre (CM)



10

15

20

25

30

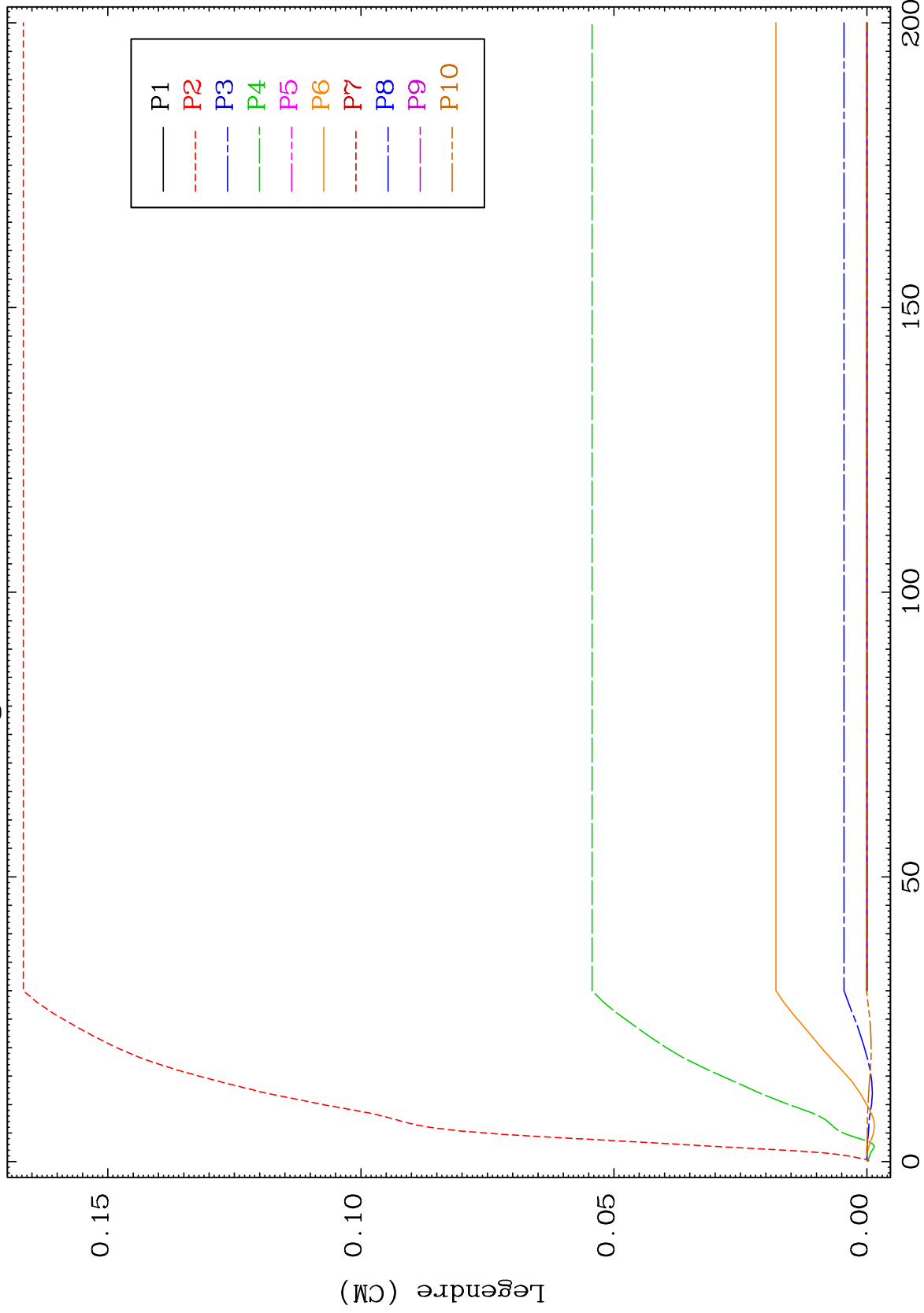
Incident Energy (MeV)

77-Ir-188

MAT 7716

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

77-Ir-188



19

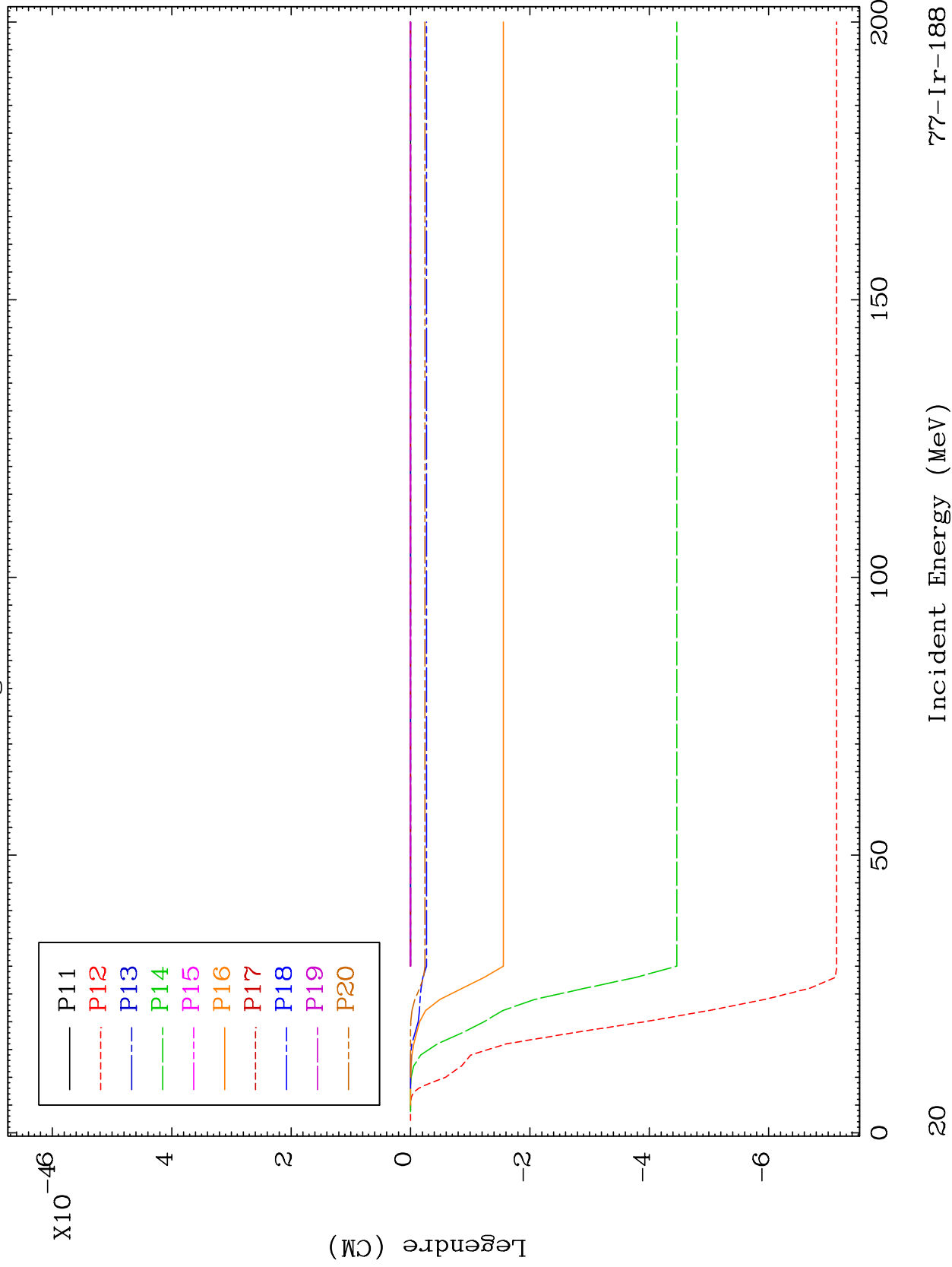
Incident Energy (MeV)

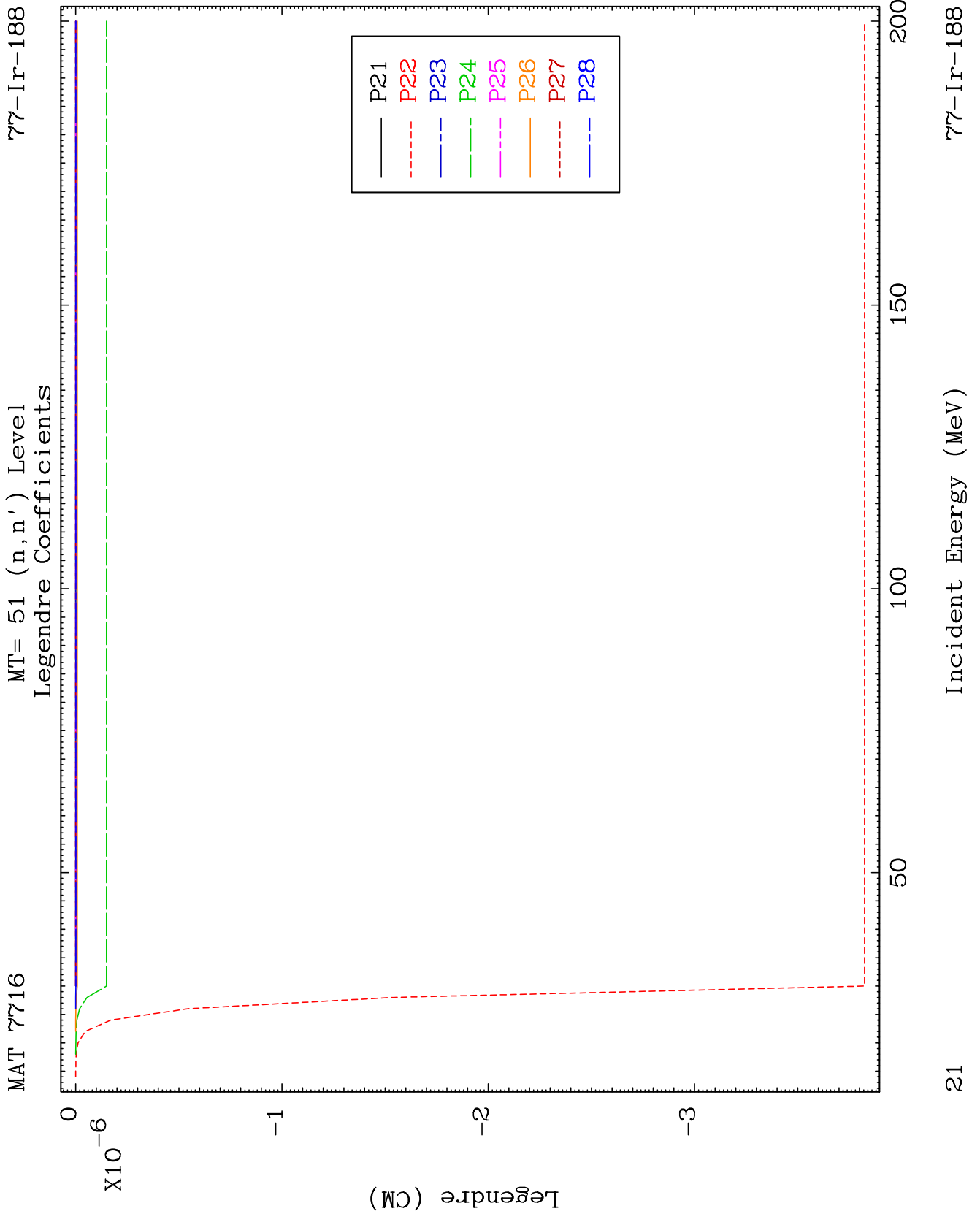
77-Ir-188

MAT 7716

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

77-Ir-188

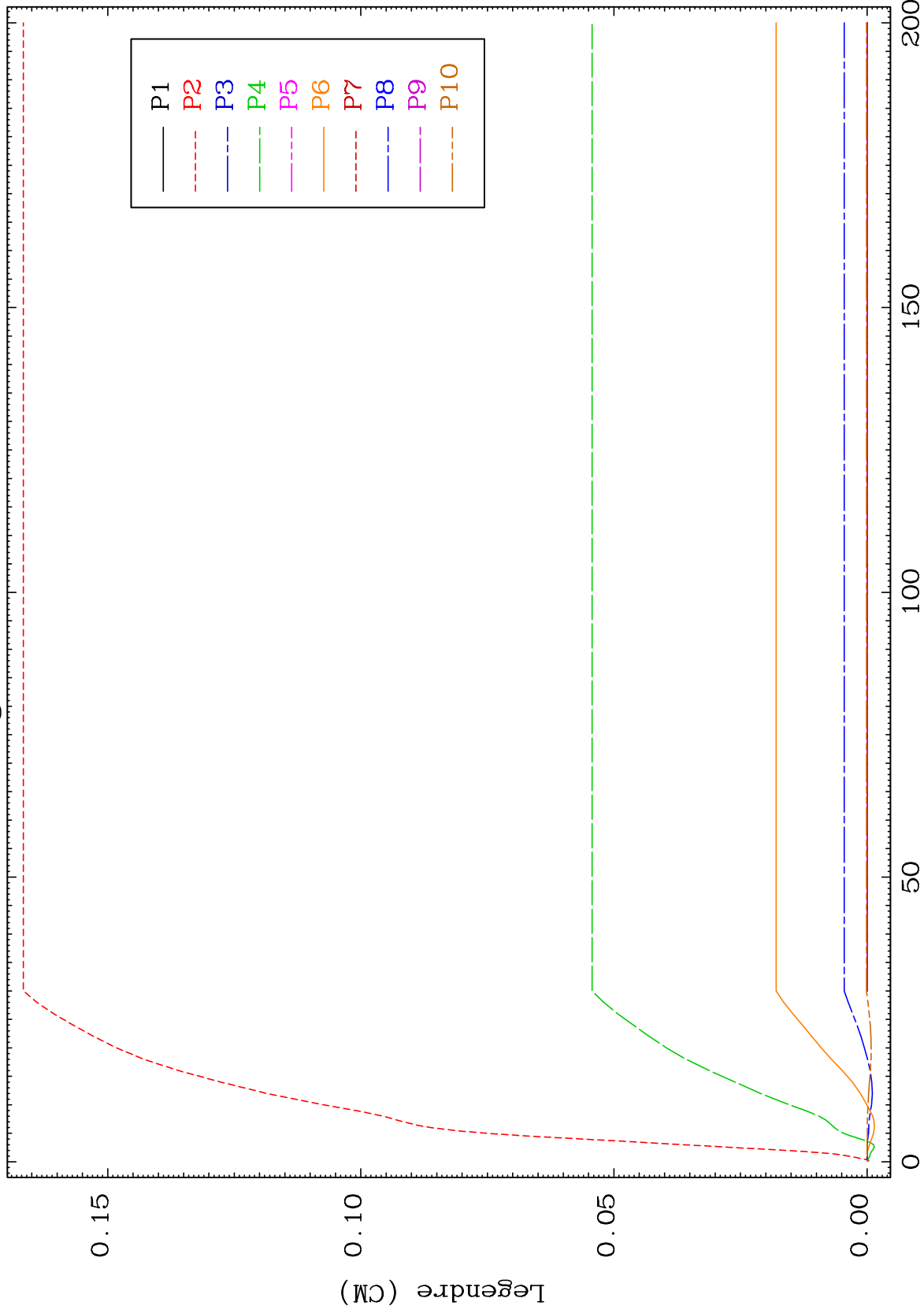




MAT 7716

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

77-Ir-188



22

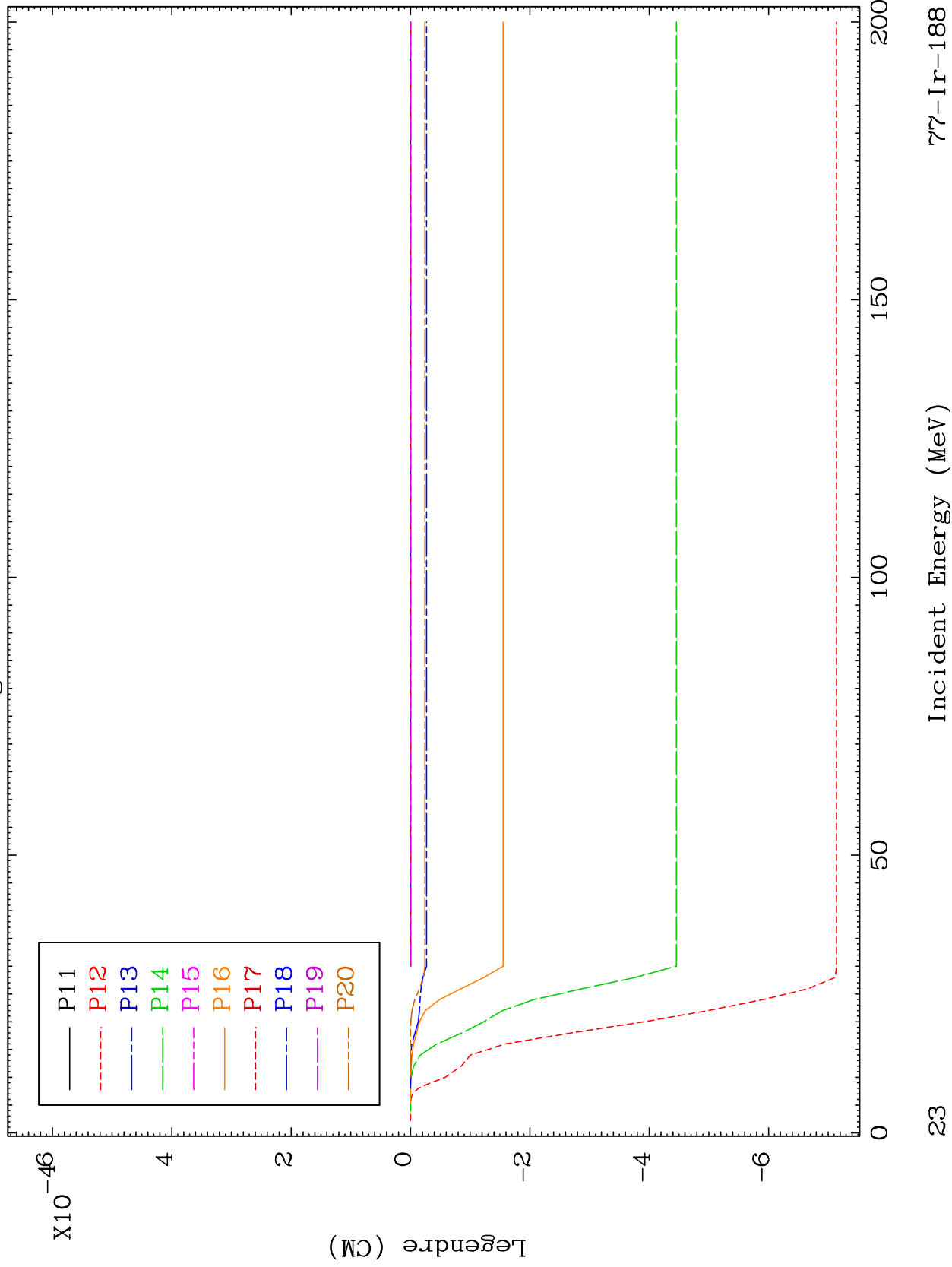
Incident Energy (MeV)

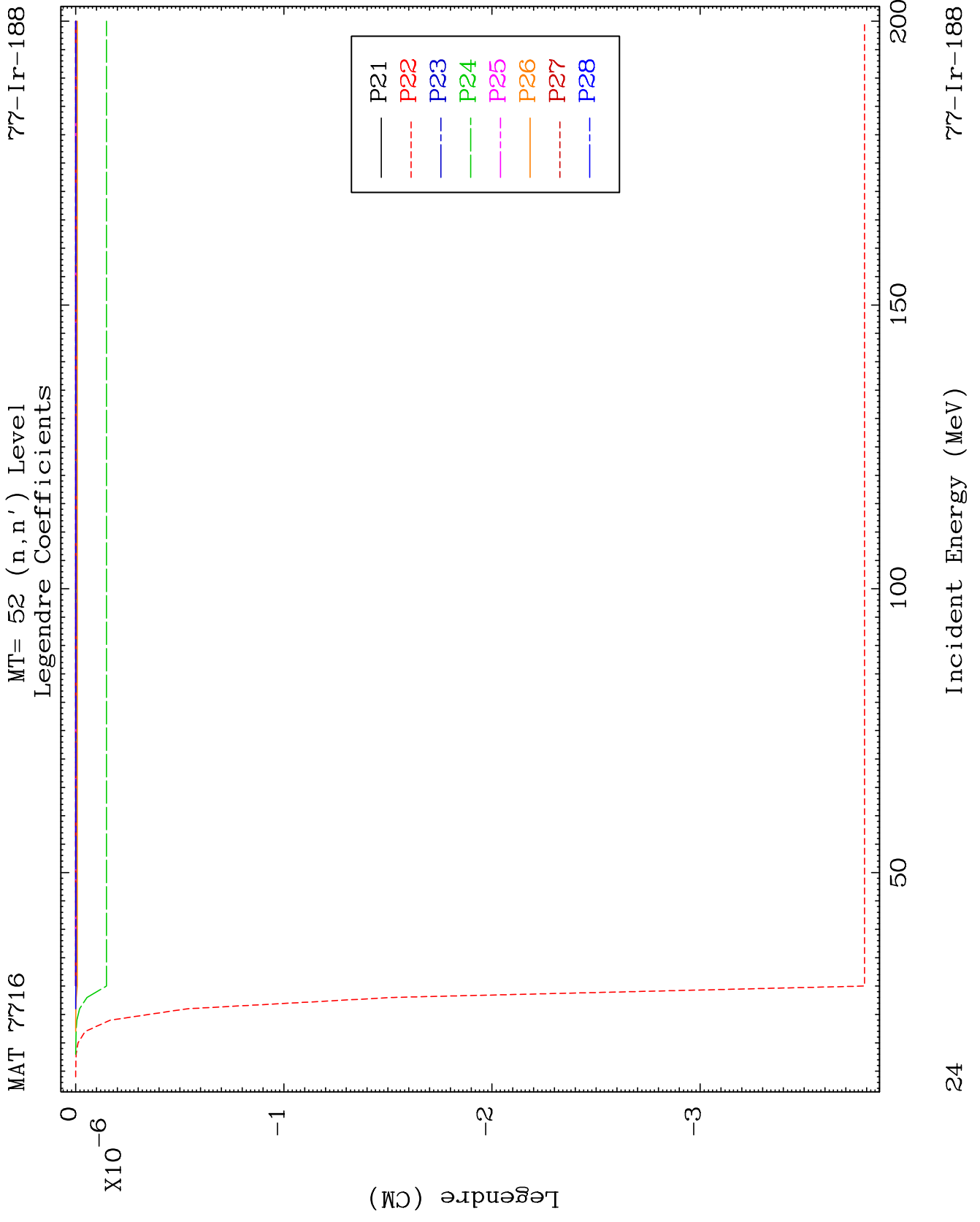
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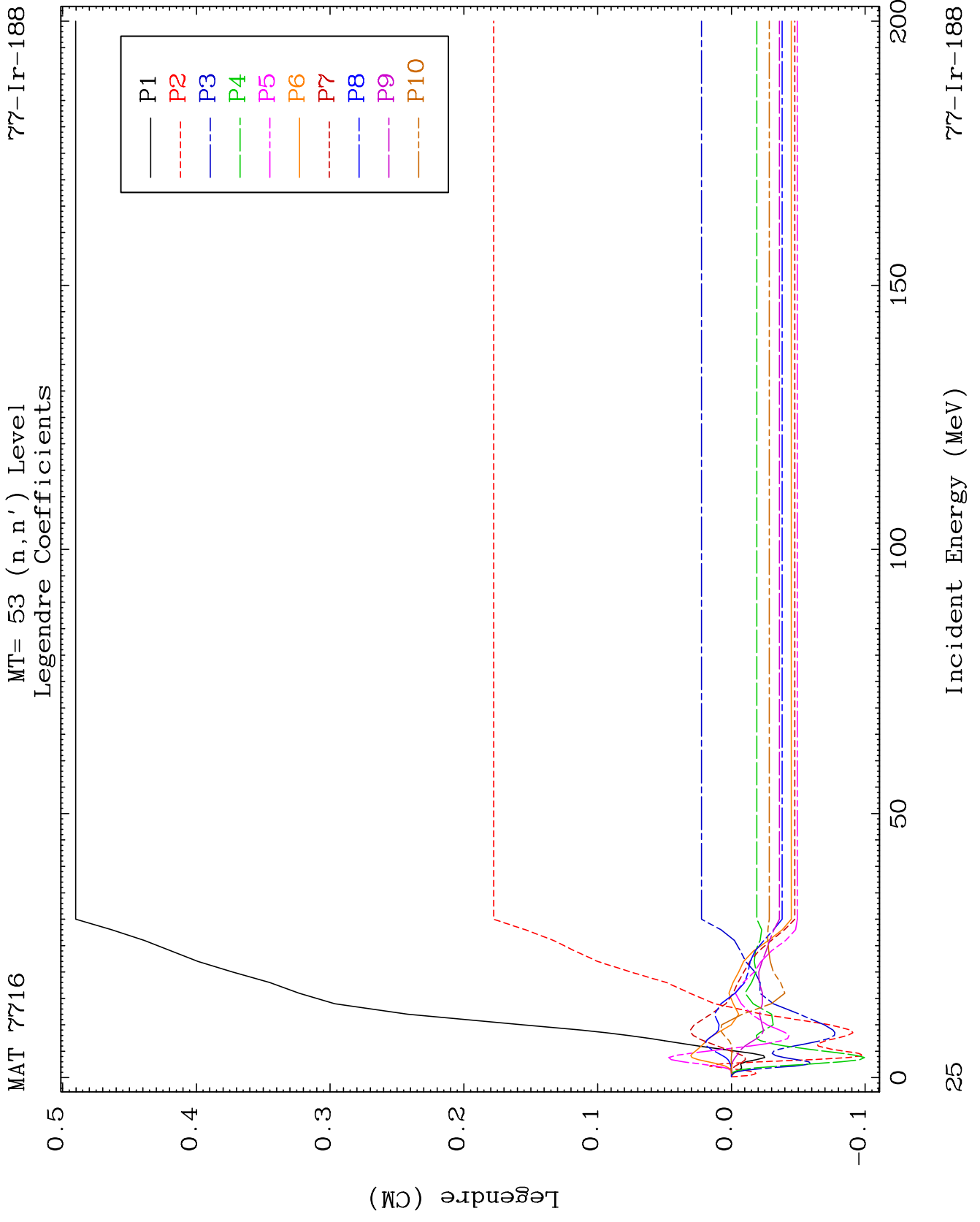
MAT 7716

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

77-Ir-188



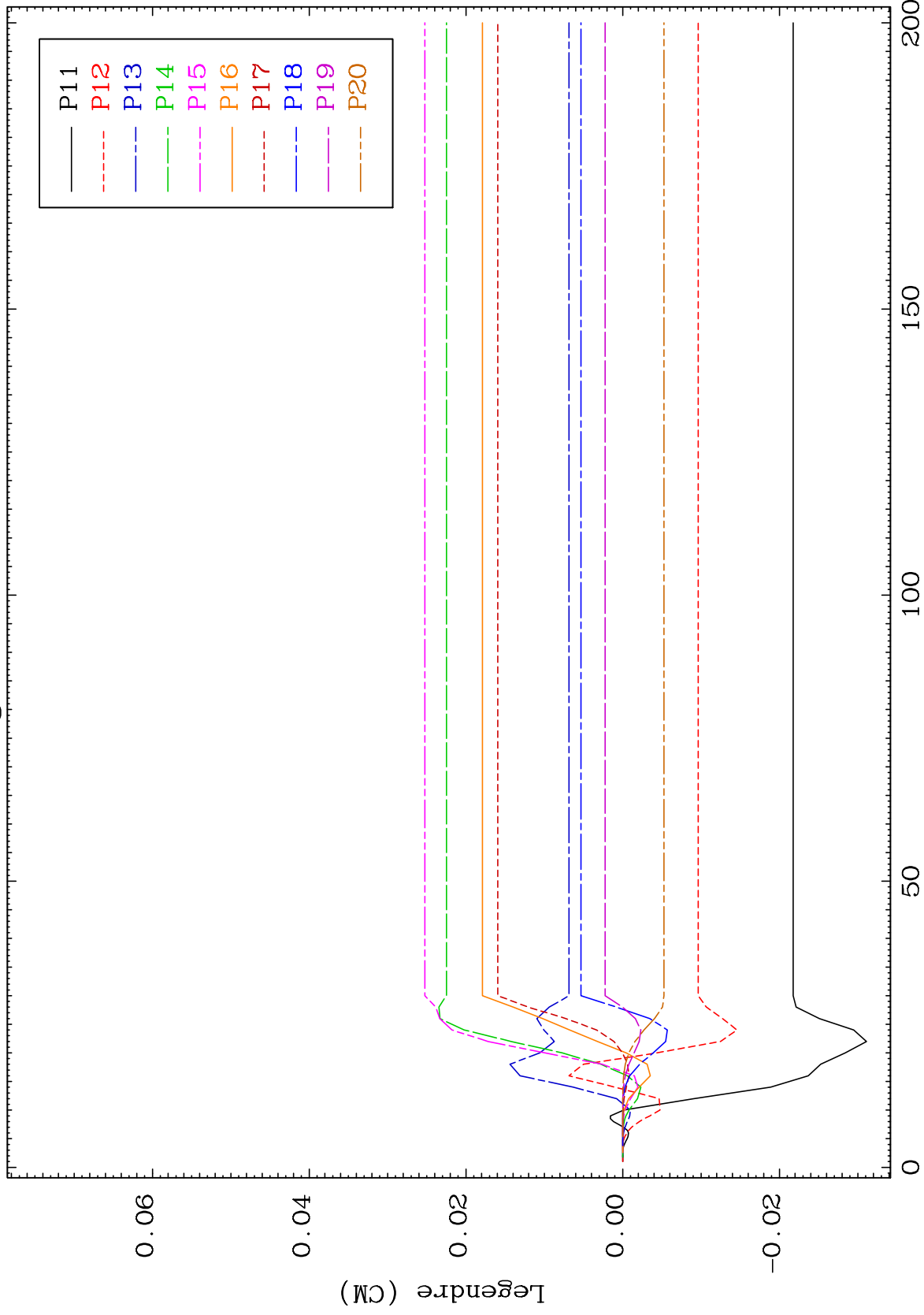




MAT 7716

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

77-Ir-188



26

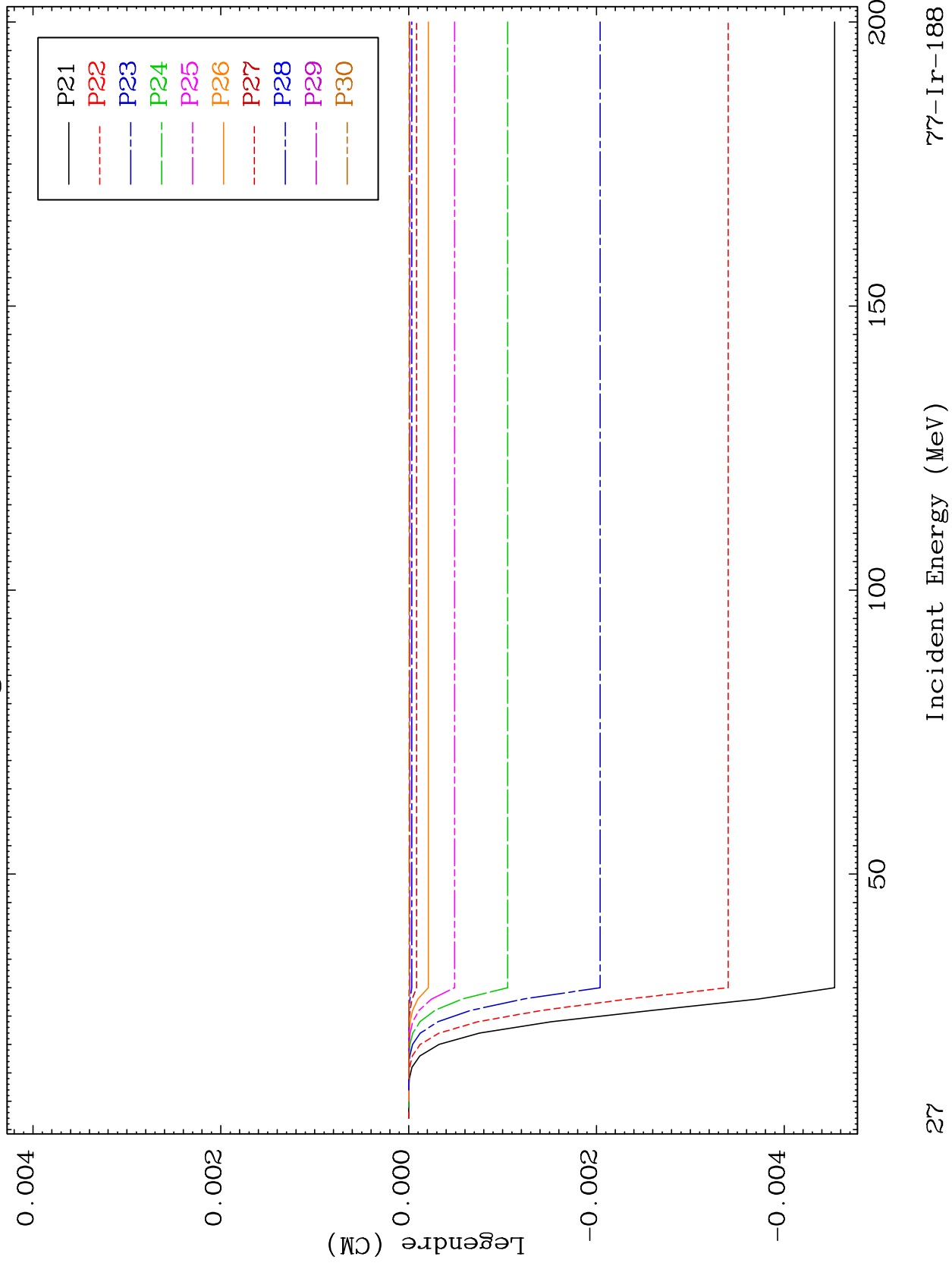
Incident Energy (MeV)

77-Ir-188

MAT 7716

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

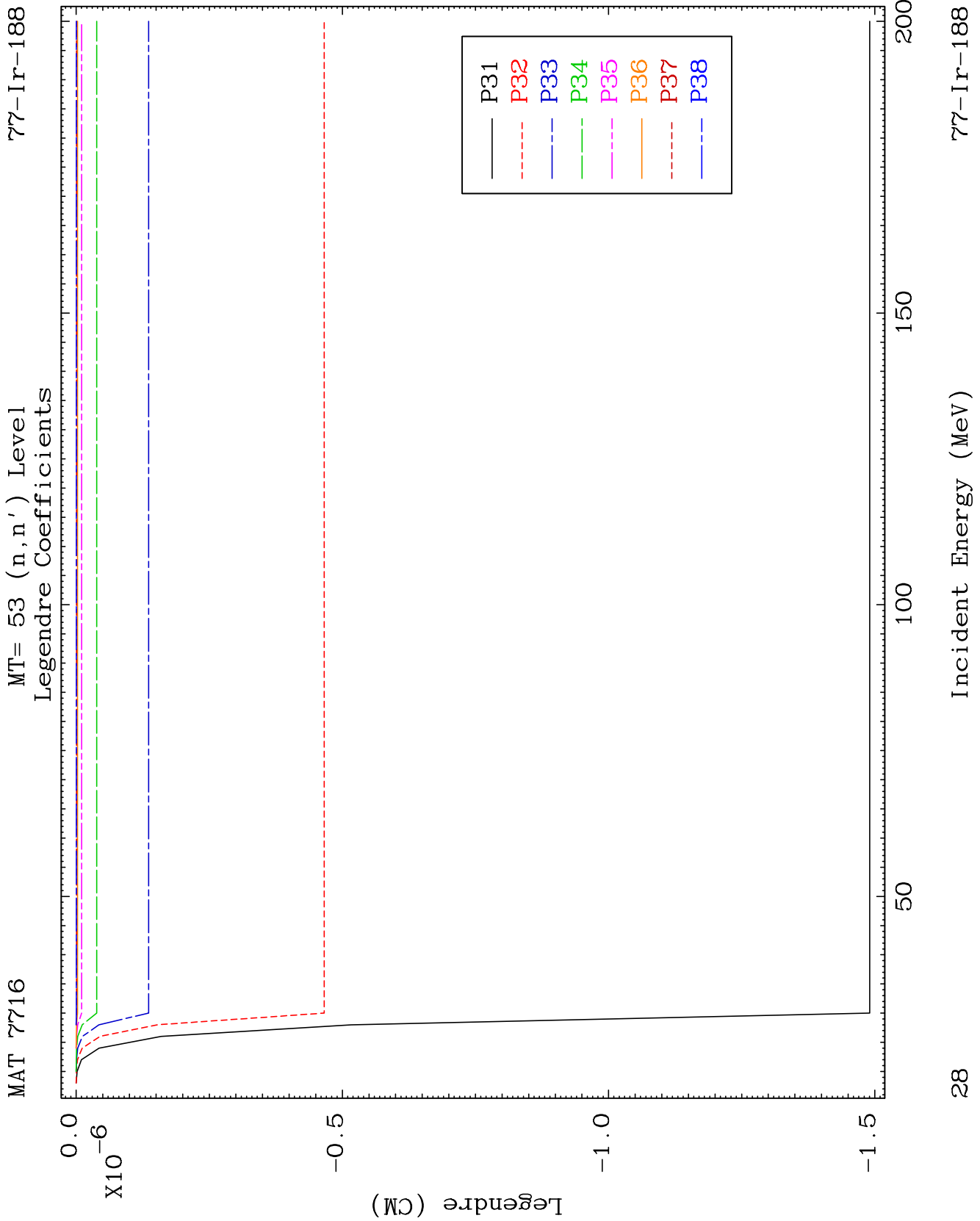
77-Ir-188

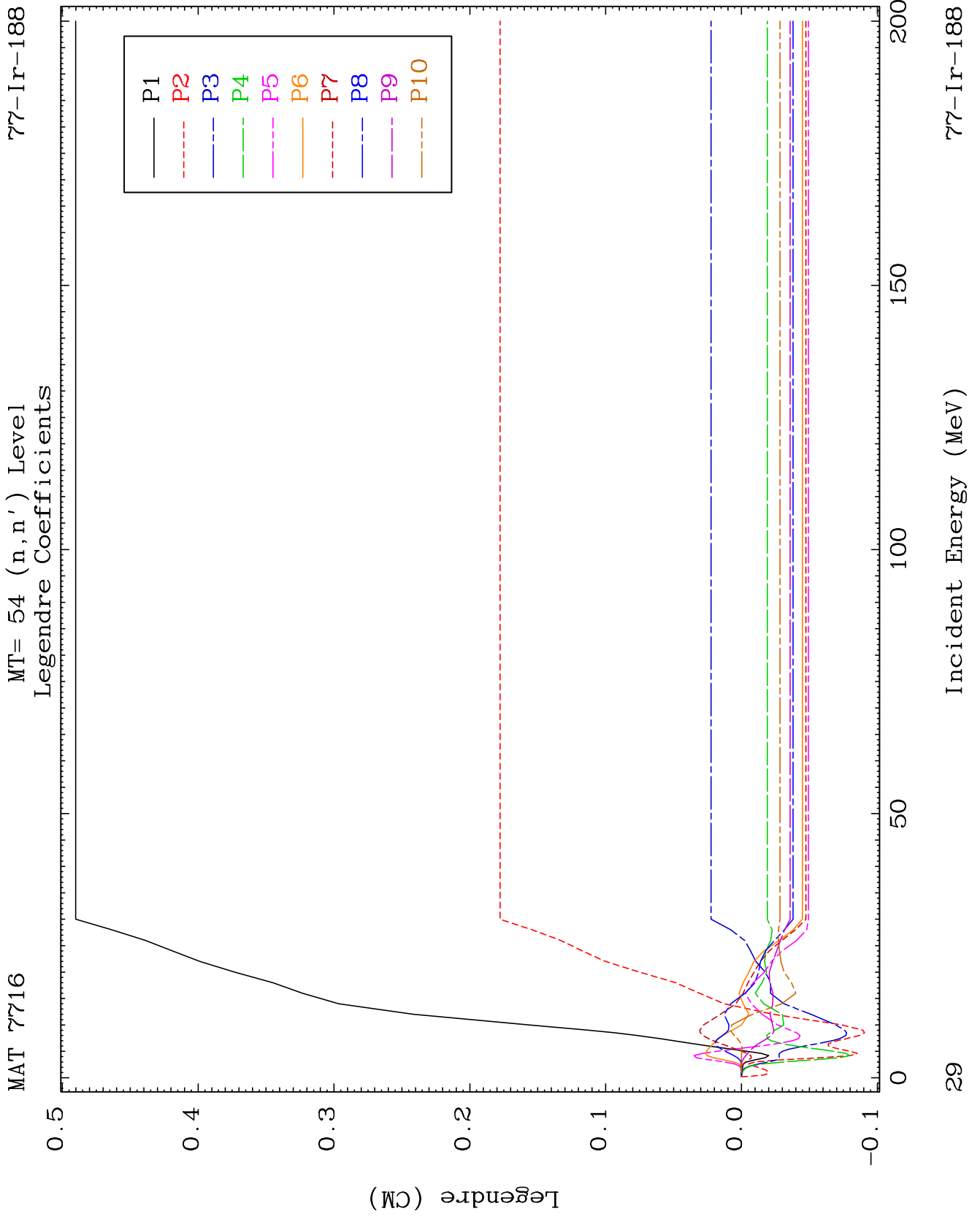


27

Incident Energy (MeV)

77-Ir-188

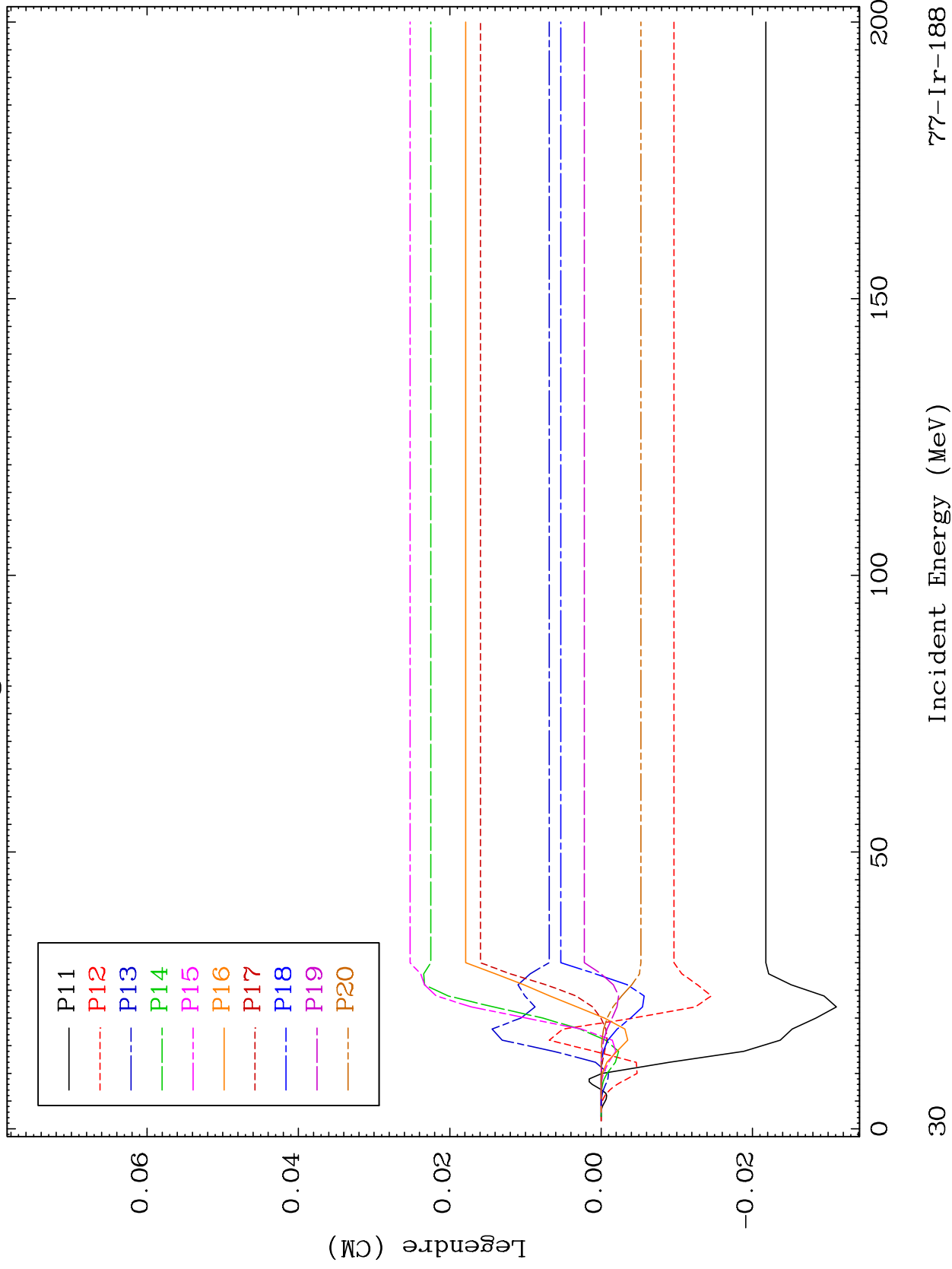




MAT 7716

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

77-Ir-188



77-Ir-188

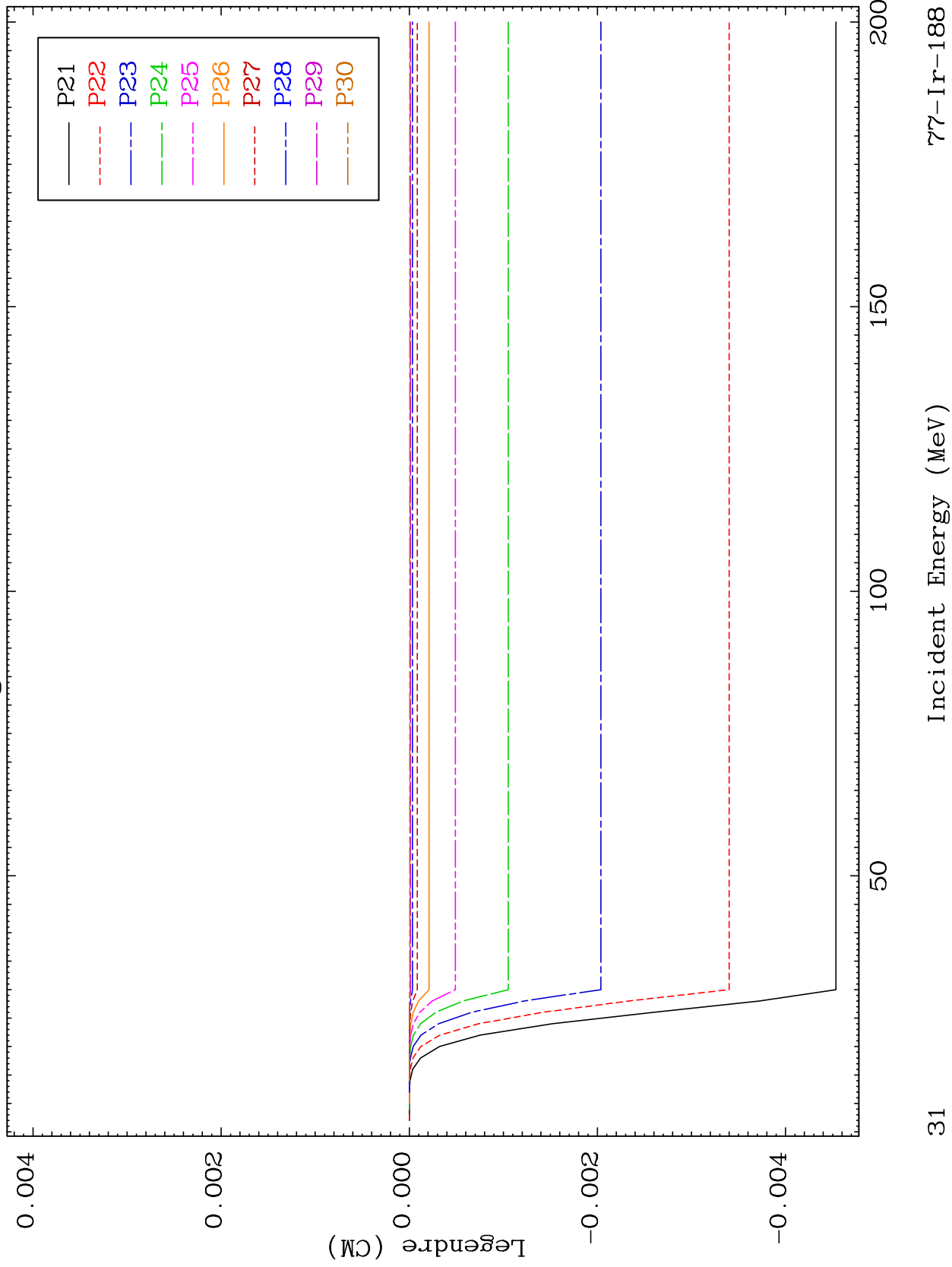
Incident Energy (MeV)

30

MAT 7716

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

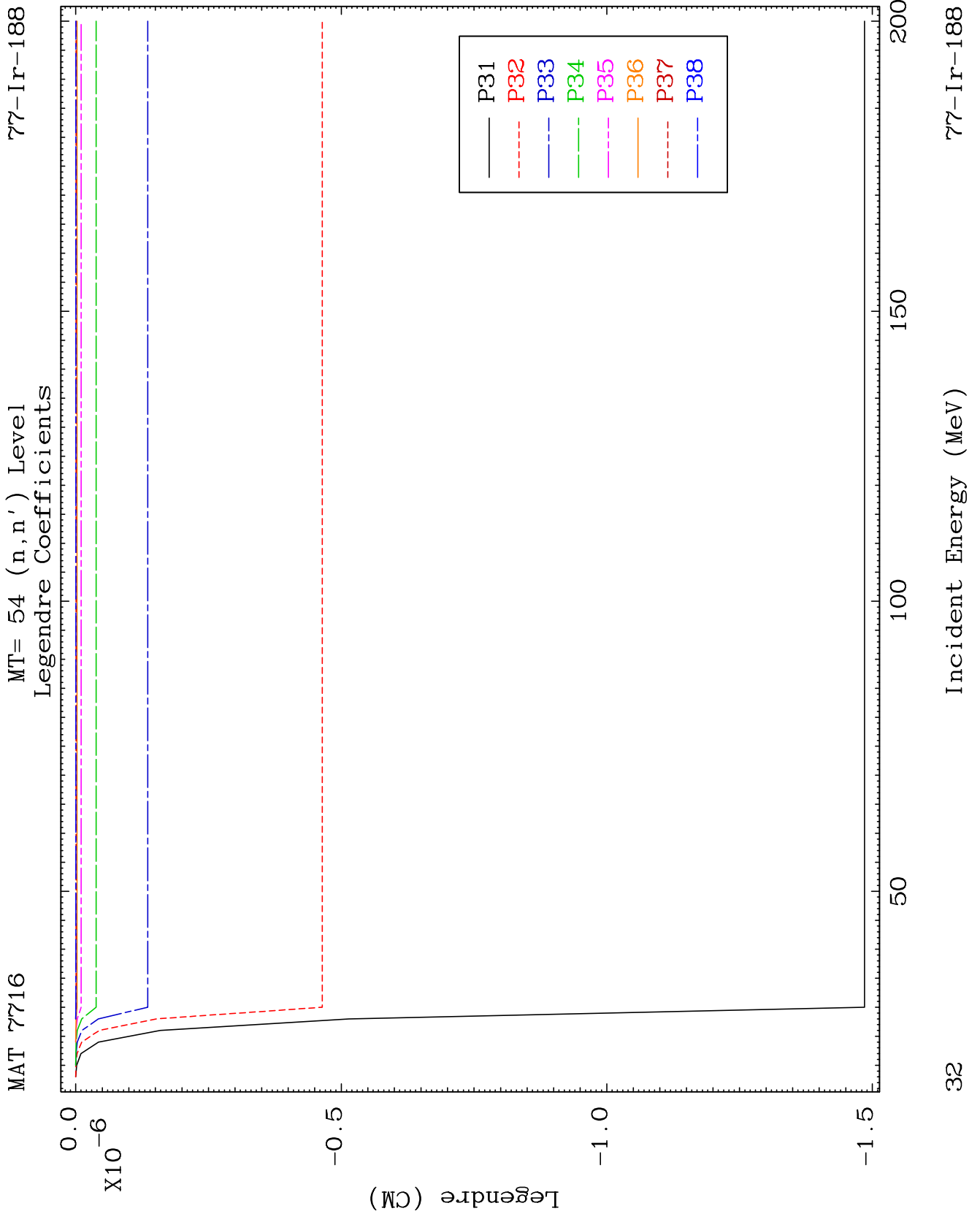
77-Ir-188



31

Incident Energy (MeV)

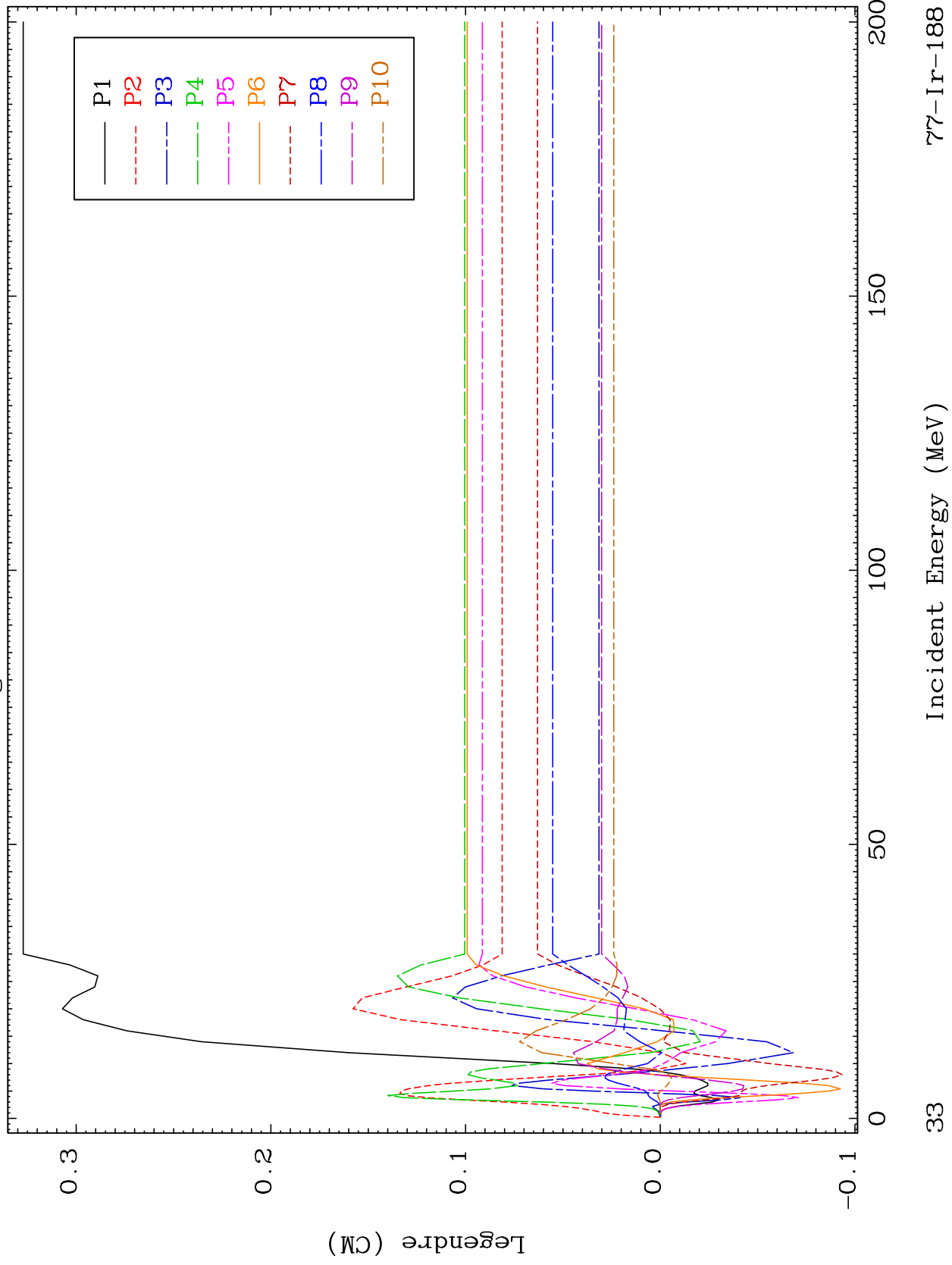
77-Ir-188



MAT 7716

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

77-Ir-188



77-Ir-188

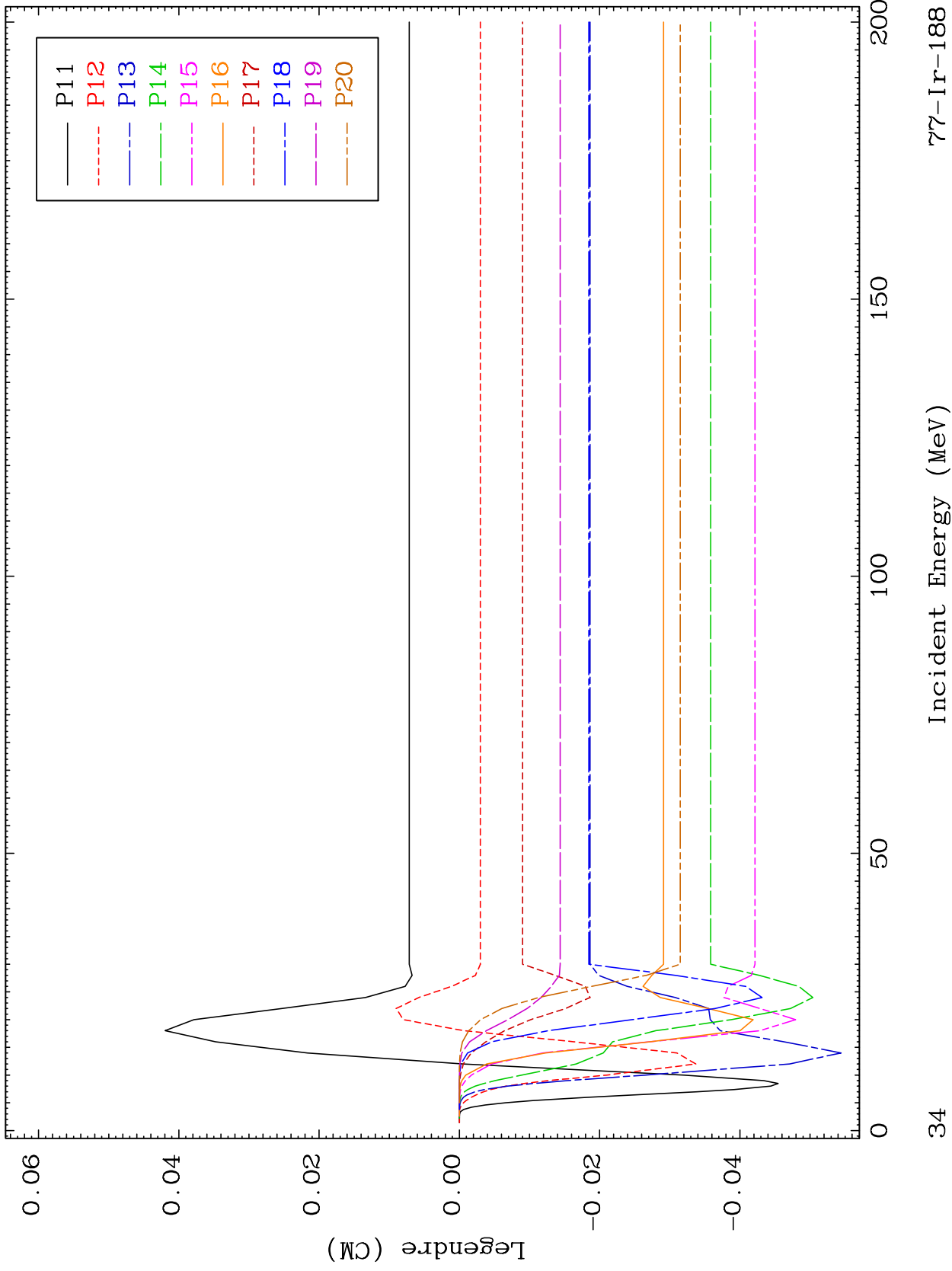
Incident Energy (MeV)

33

MAT 7716

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

77-Ir-188



34

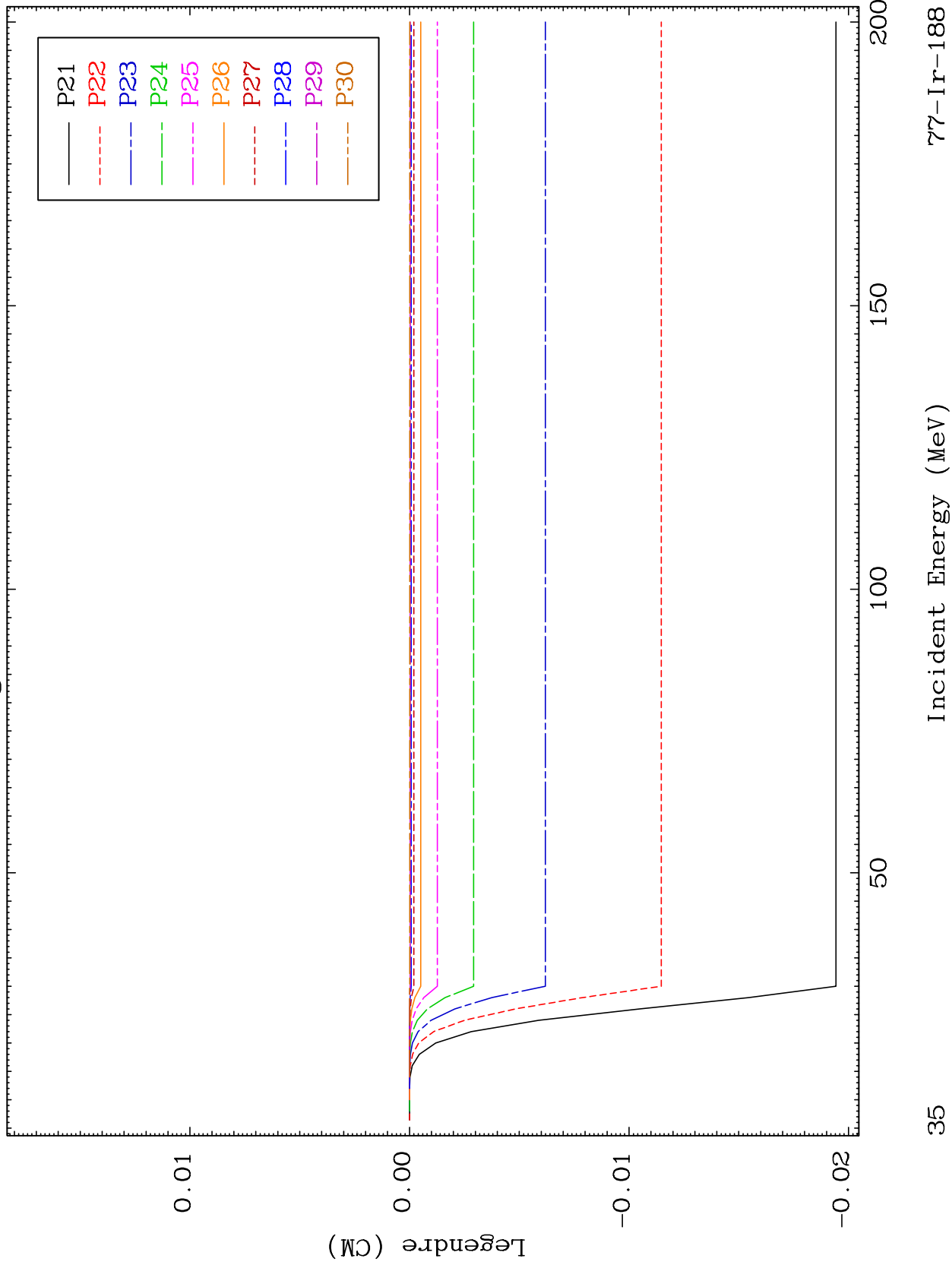
Incident Energy (MeV)

77-Ir-188

MAT 7716

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

77-Ir-188



35

Incident Energy (MeV)

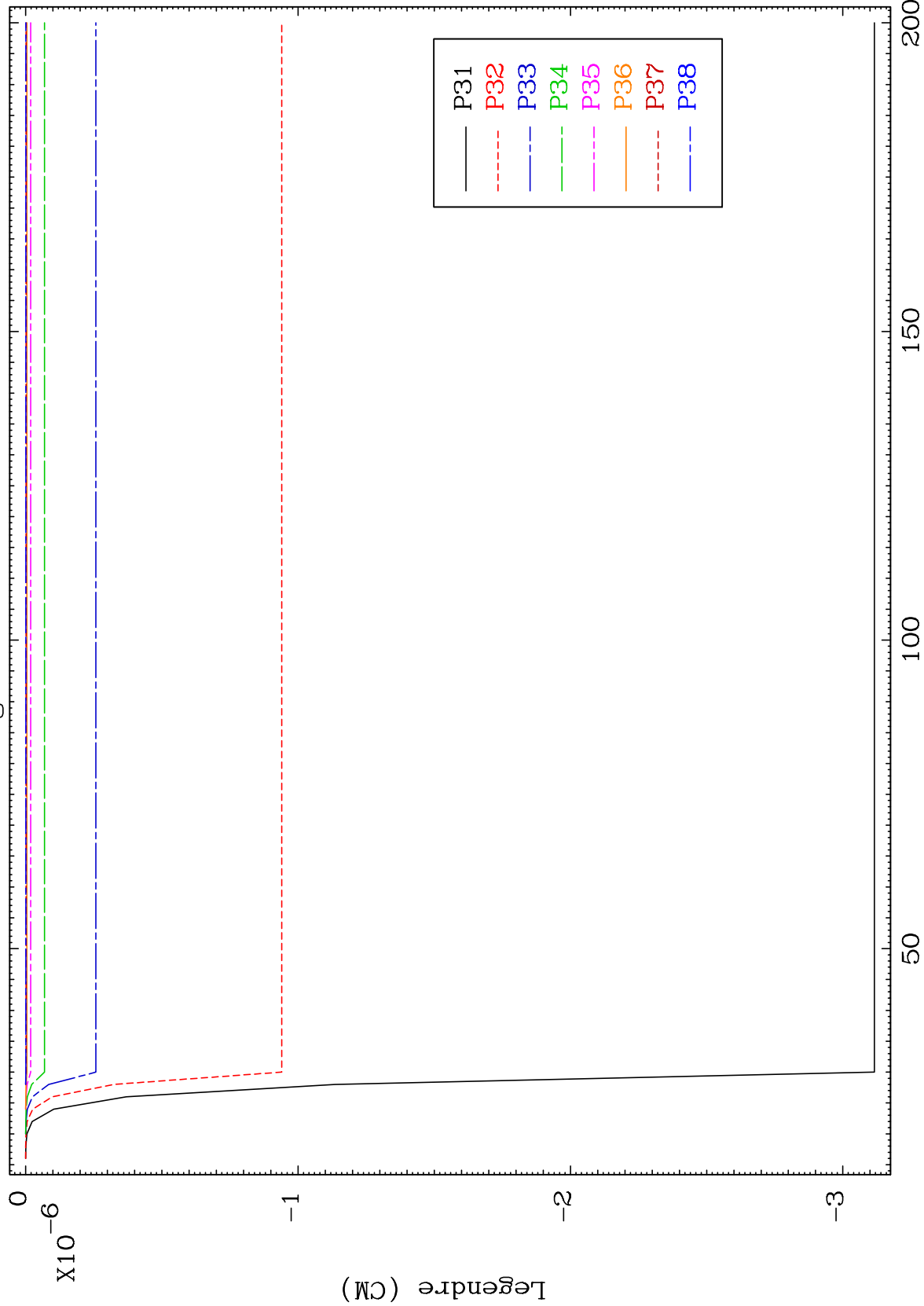
77-Ir-188

MAT 7716

MT= 55 (n,n') Level

77-Ir-188

Legendre Coefficients



36

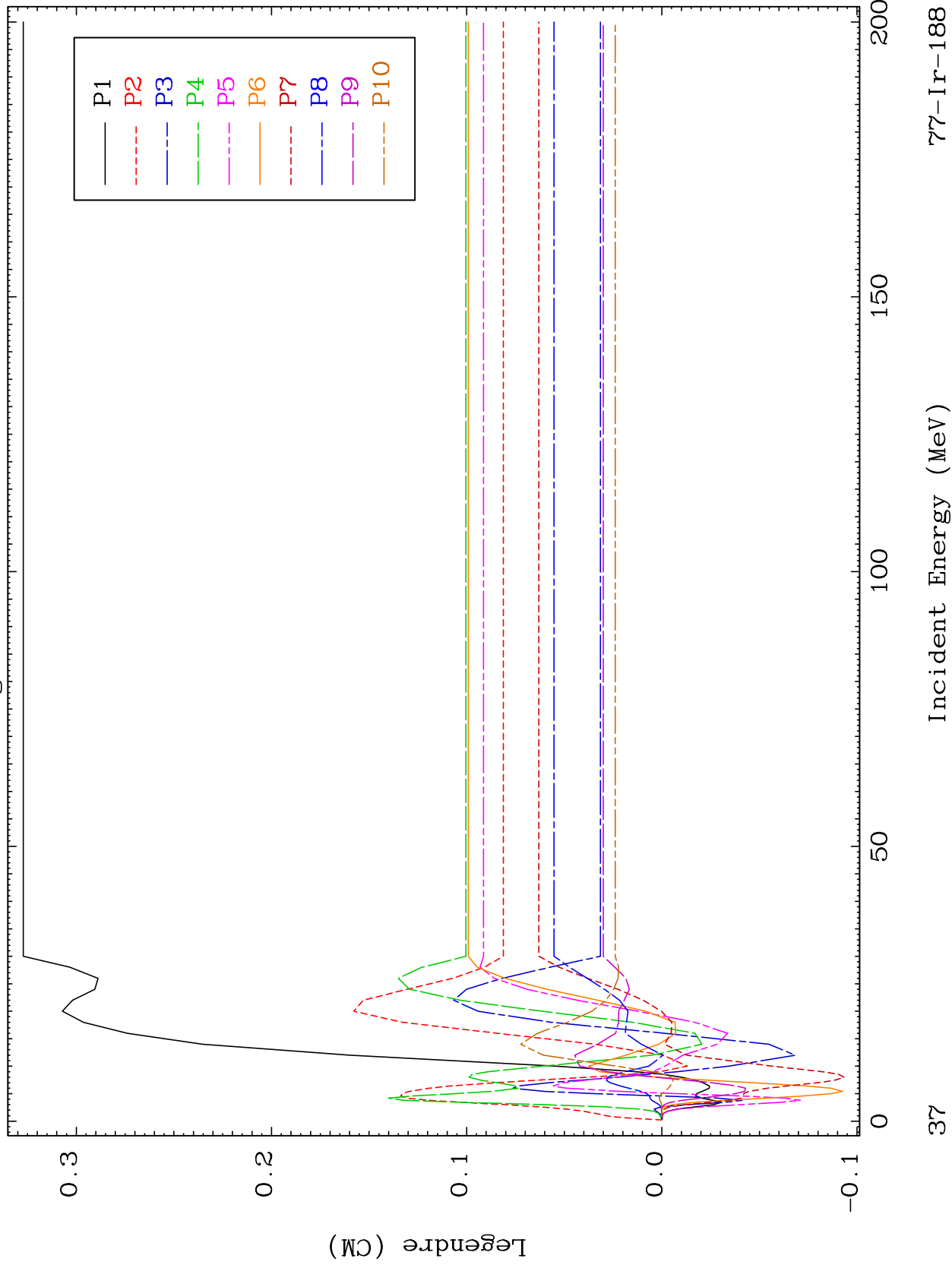
Incident Energy (MeV)

77-Ir-188

MAT 7716

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

77-Ir-188



77-Ir-188

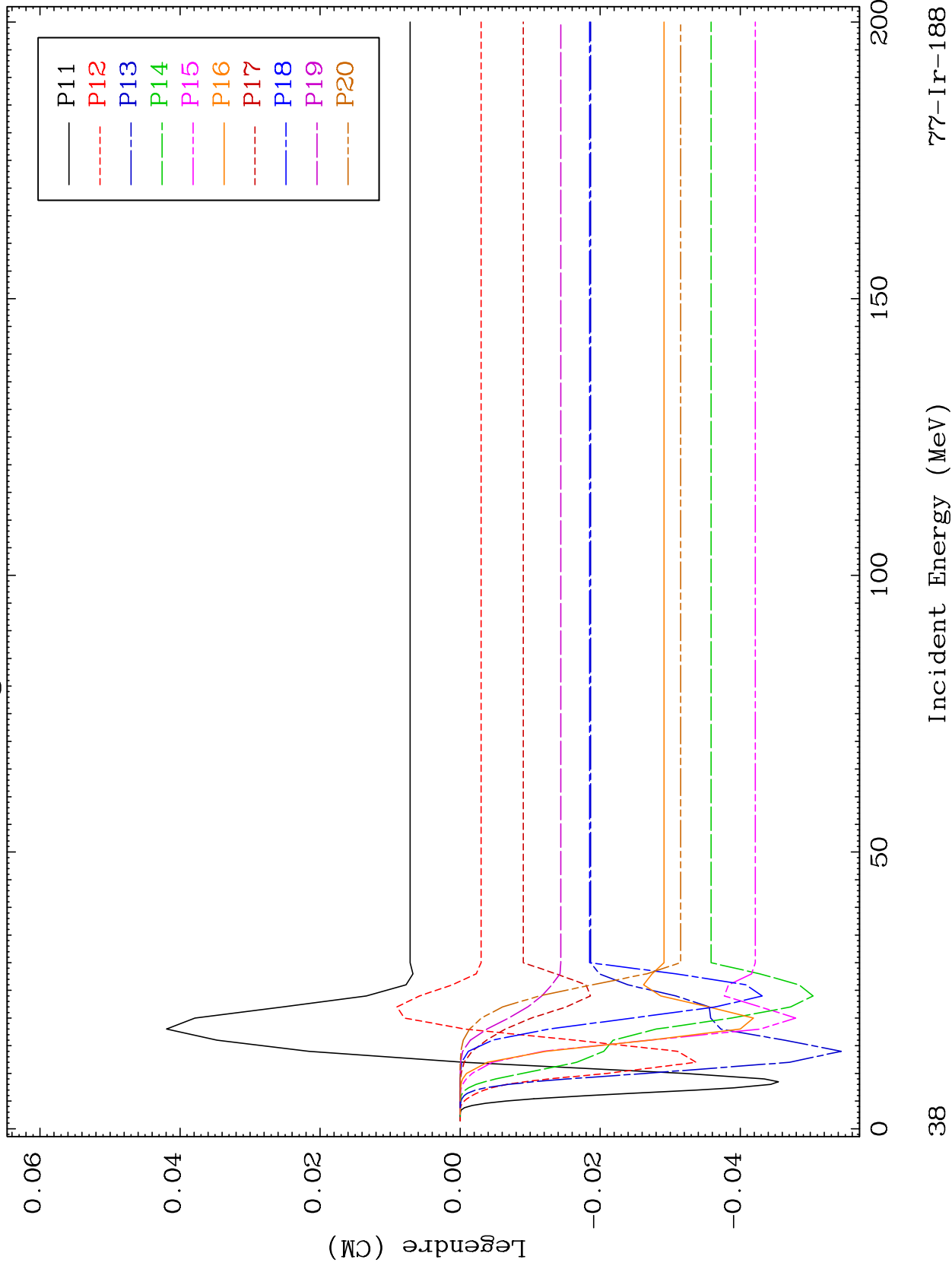
Incident Energy (MeV)

37

MAT 7716

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

77-Ir-188



38

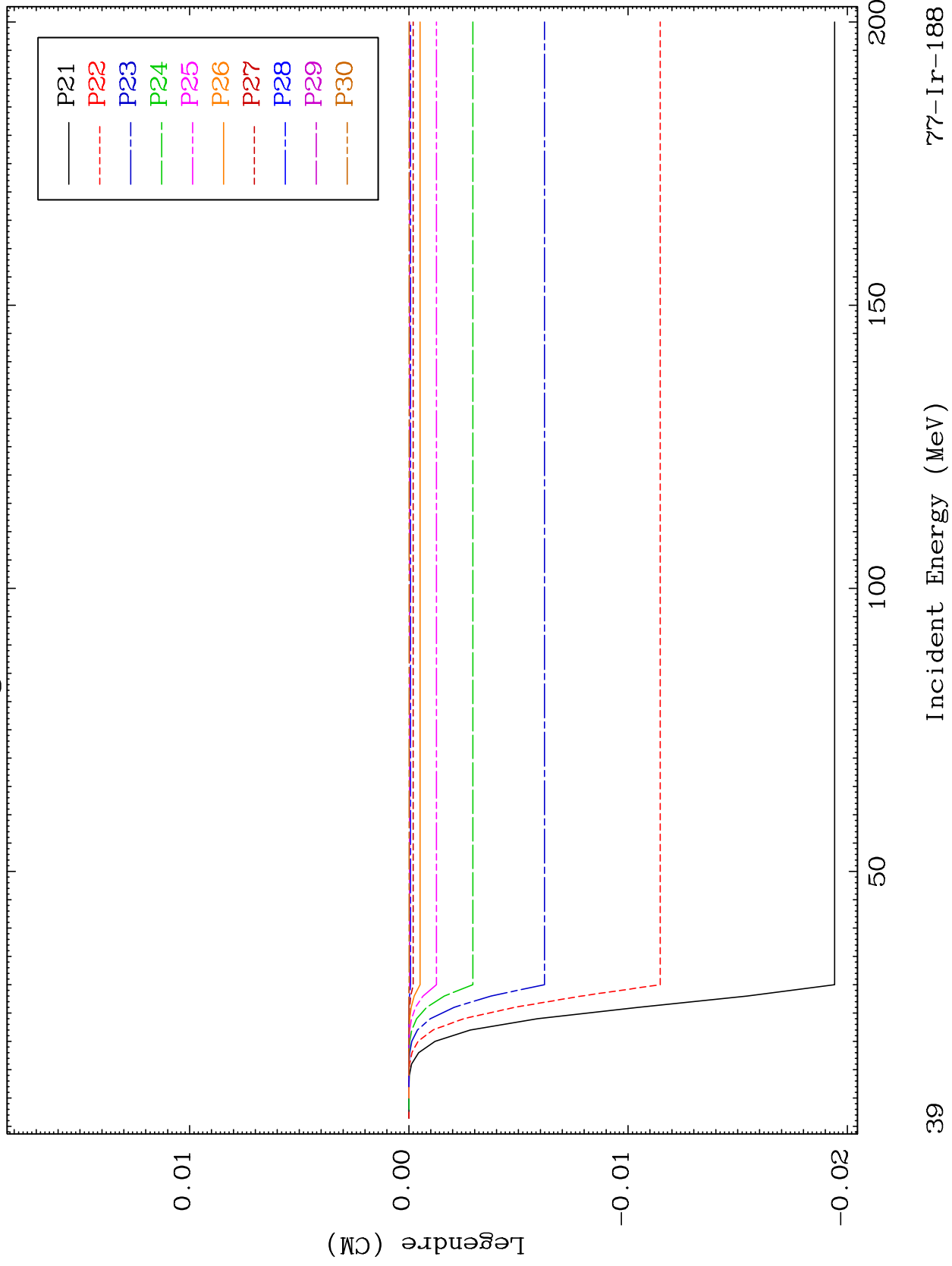
Incident Energy (MeV)

77-Ir-188

MAT 7716

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

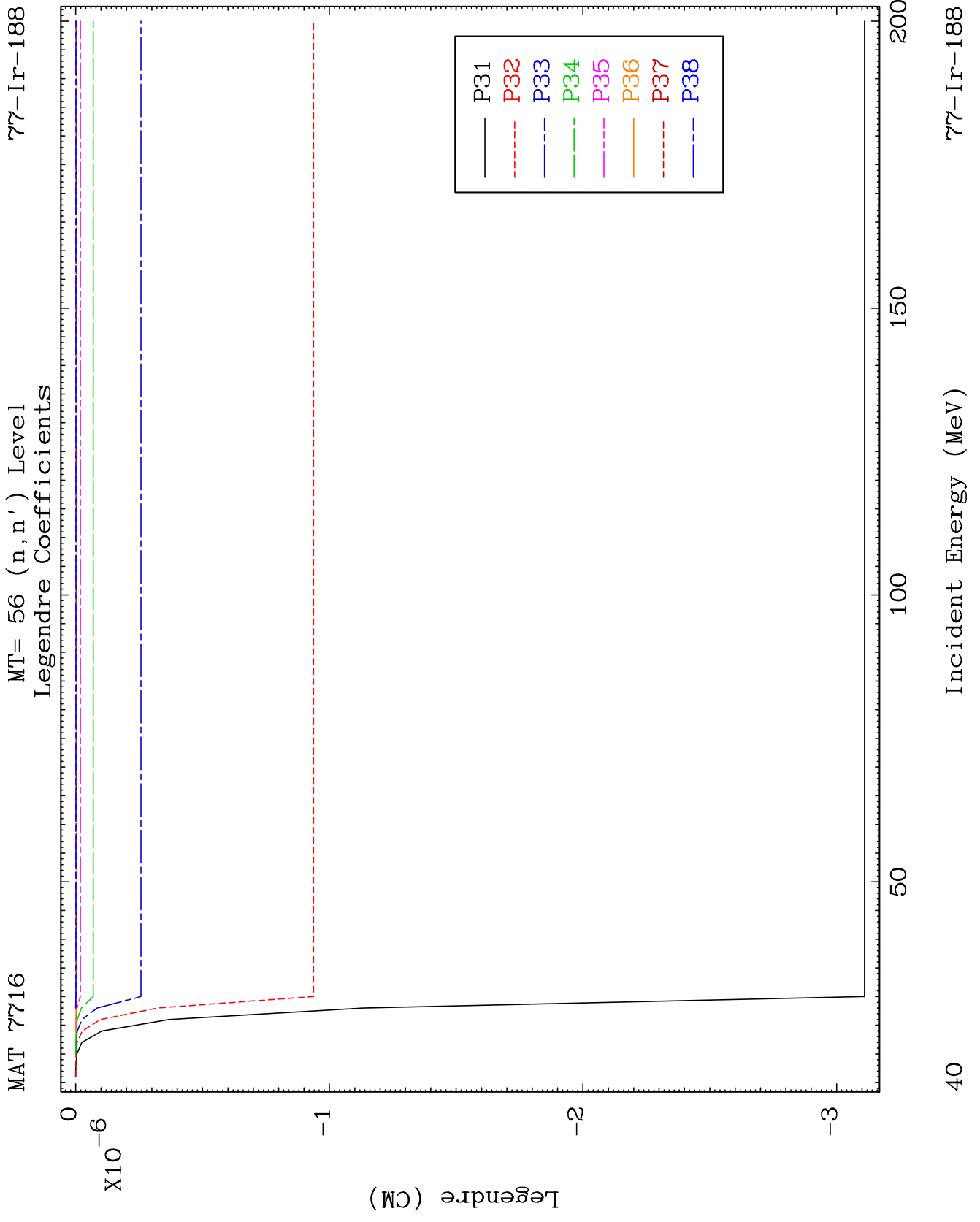
77-Ir-188

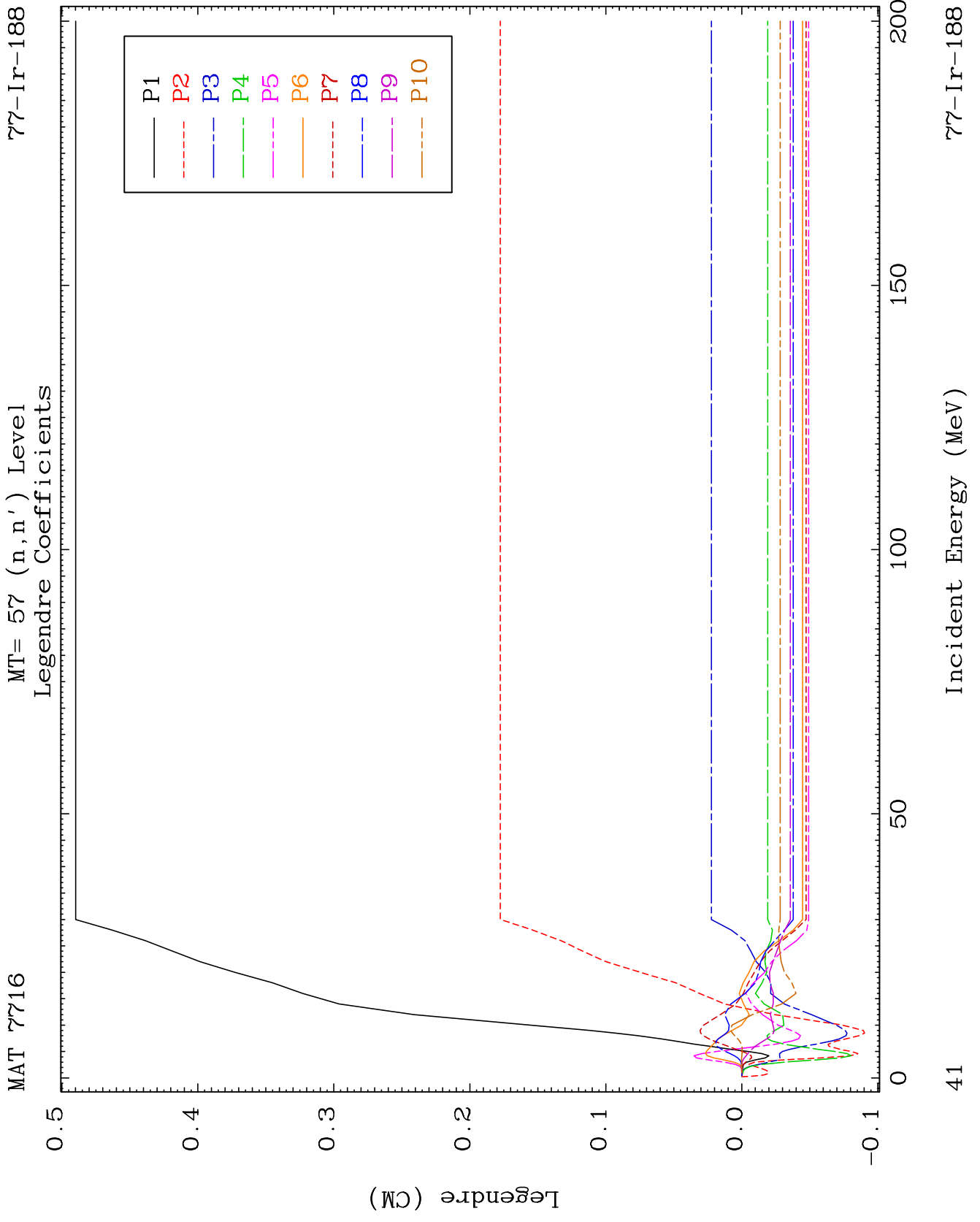


39

Incident Energy (MeV)

77-Ir-188

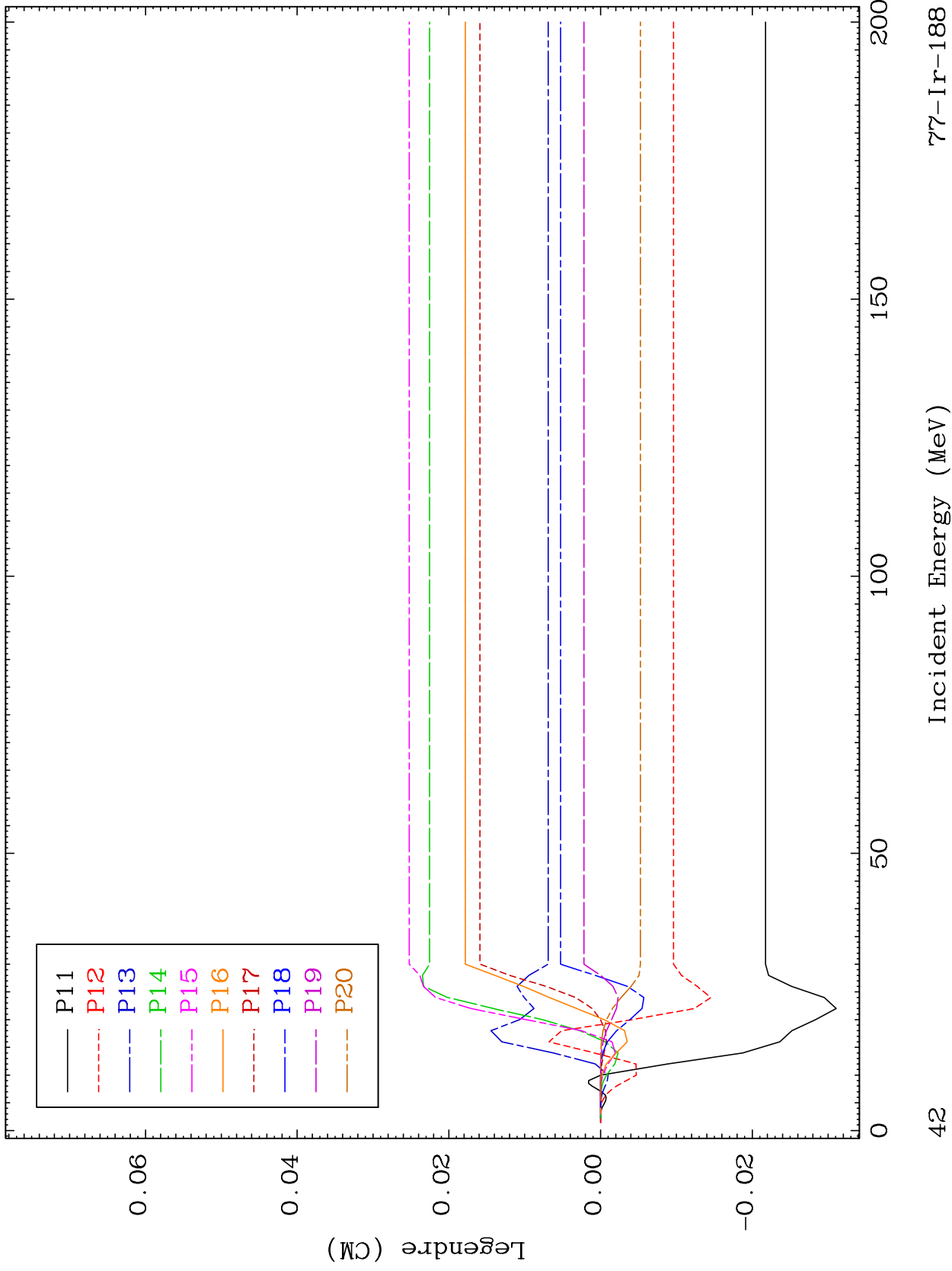




MAT 7716

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

77-Ir-188



42

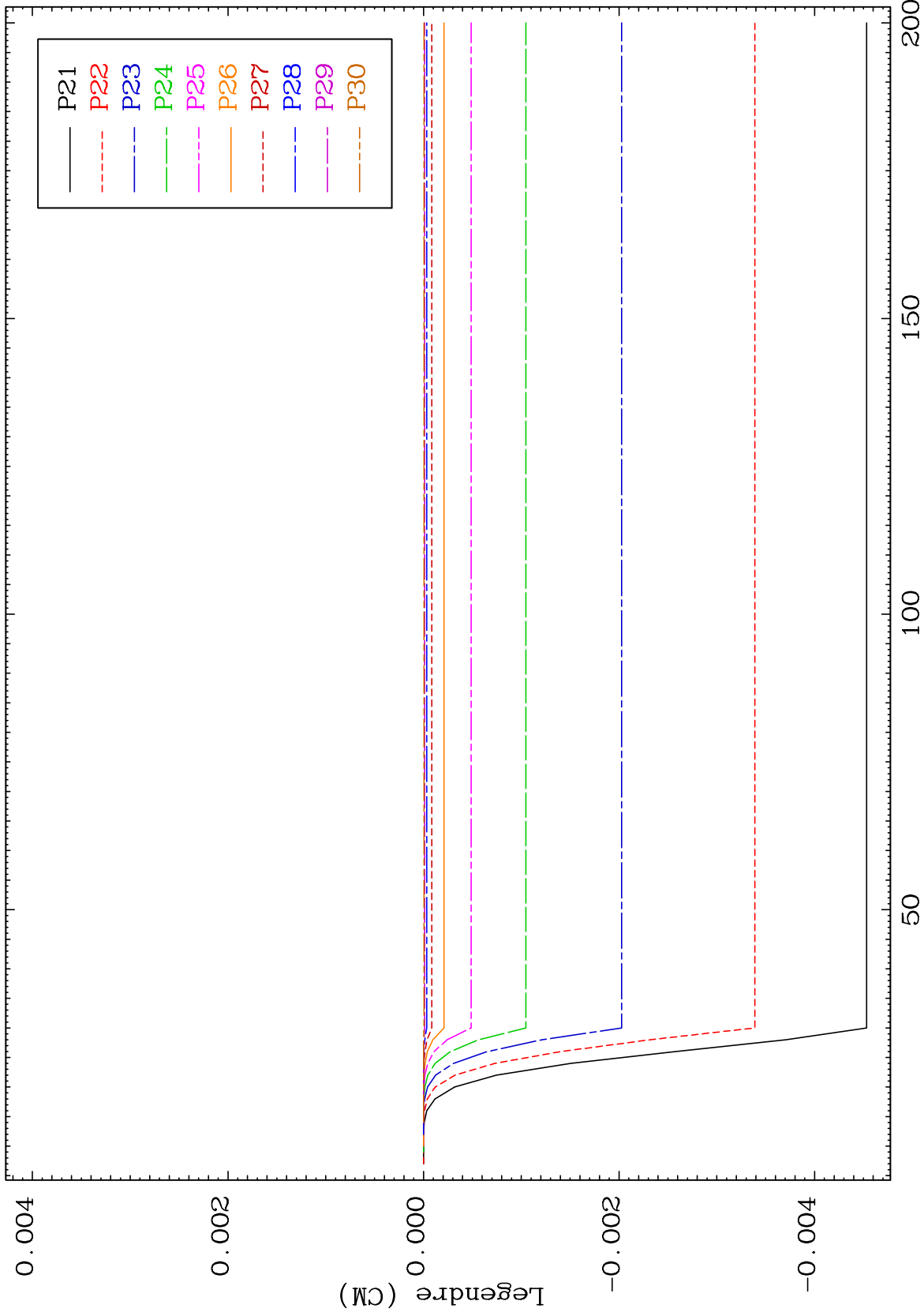
Incident Energy (MeV)

77-Ir-188

MAT 7716

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

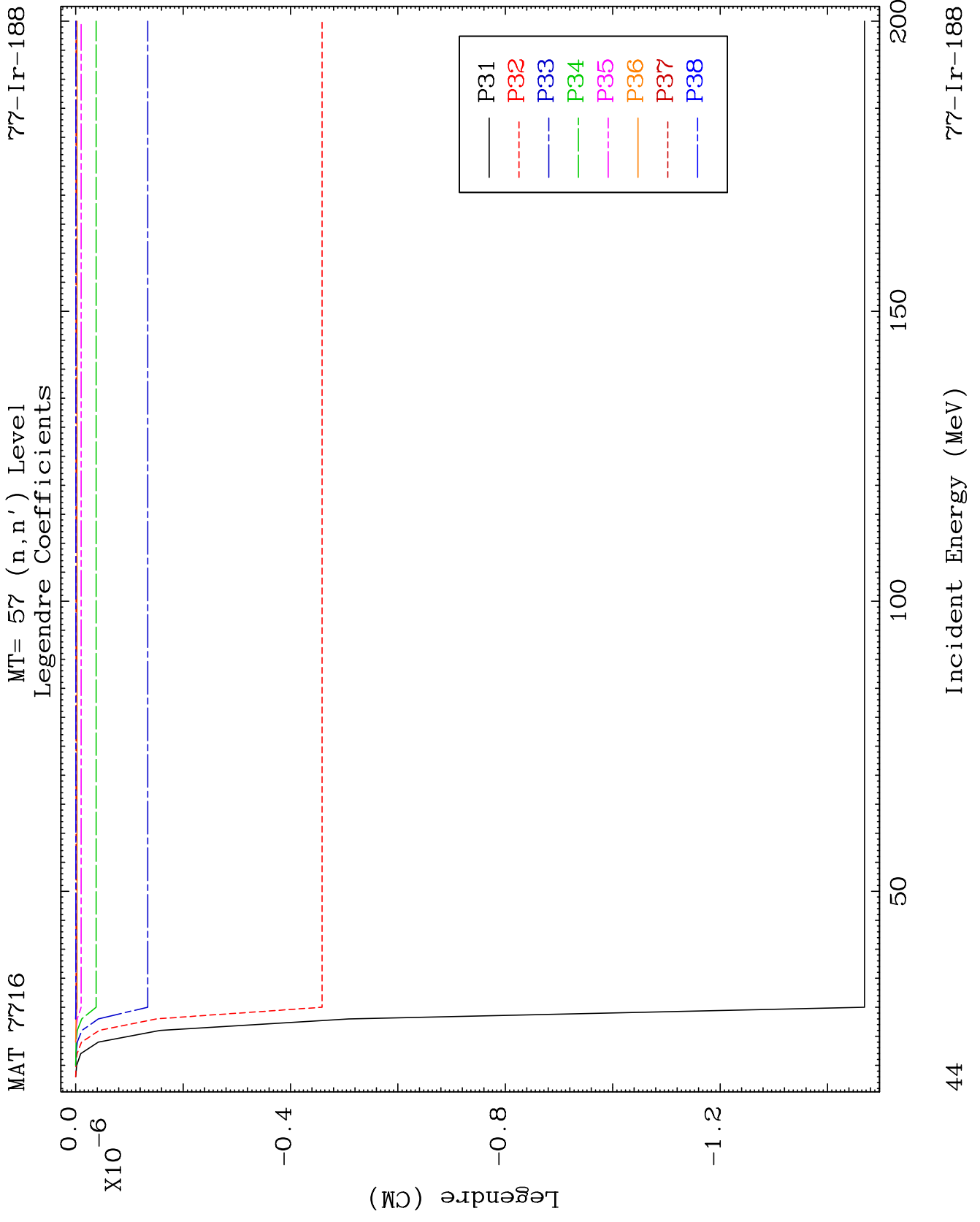
77-Ir-188

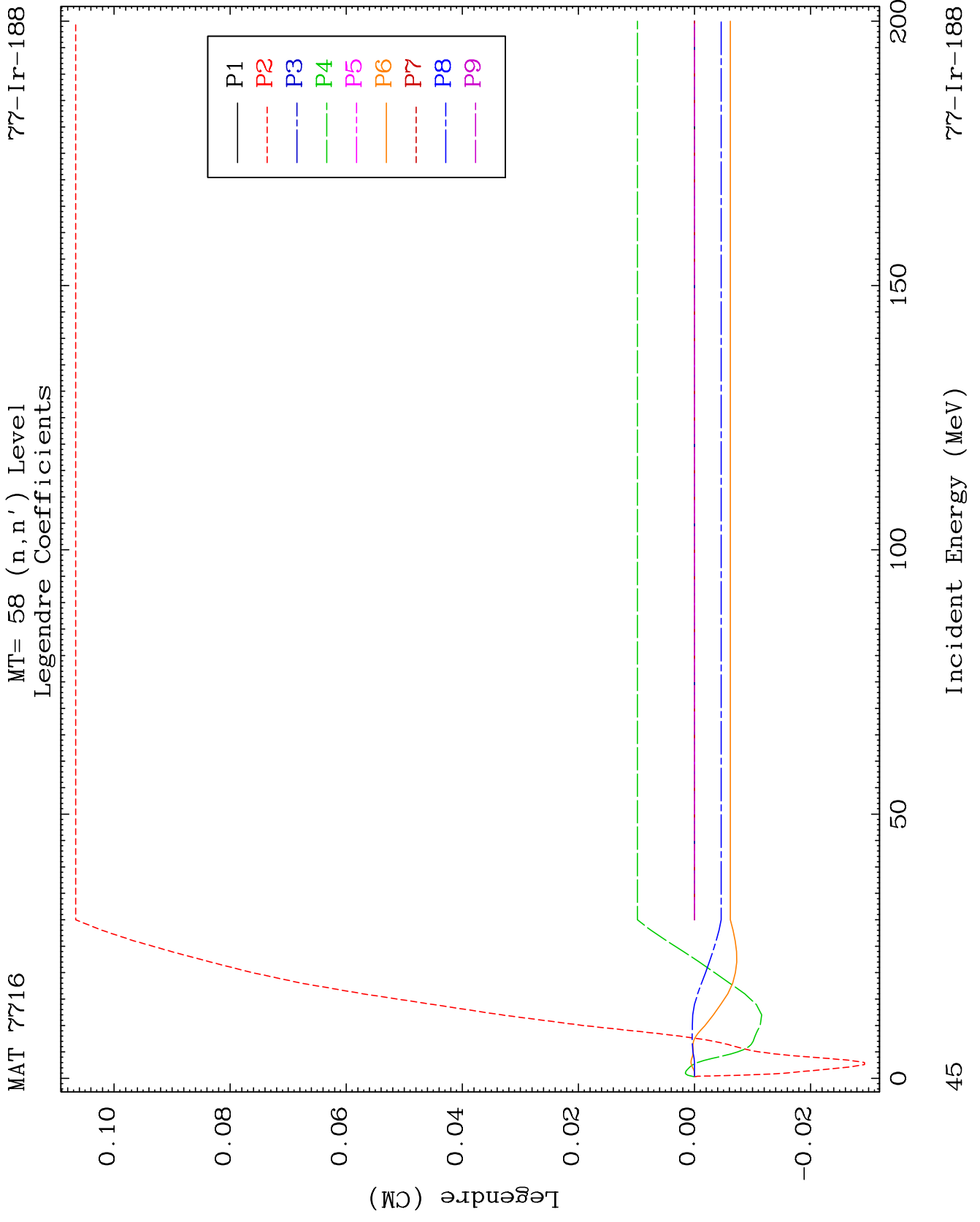


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Incident Energy (MeV)

77-Ir-188

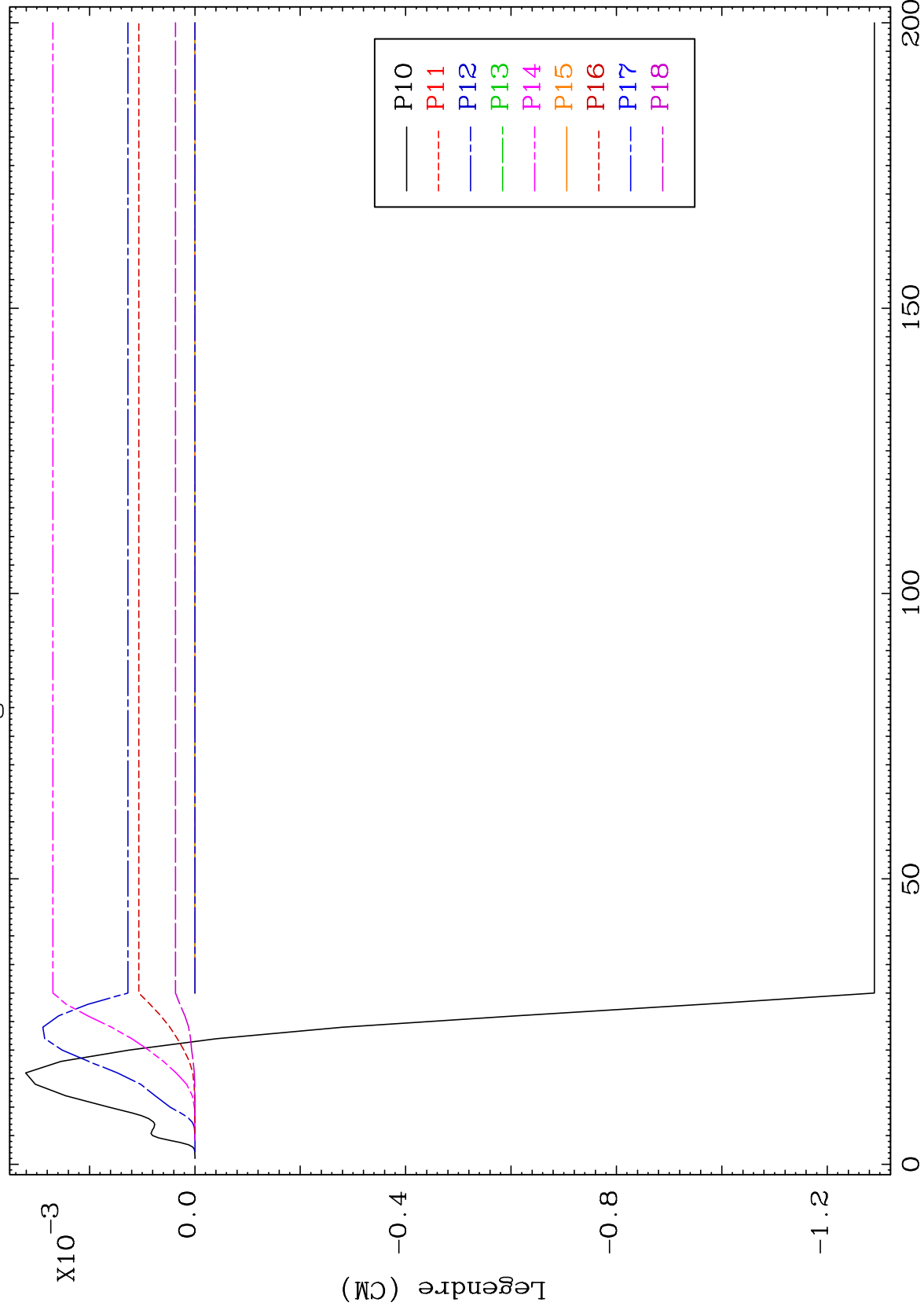




MAT 7716

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

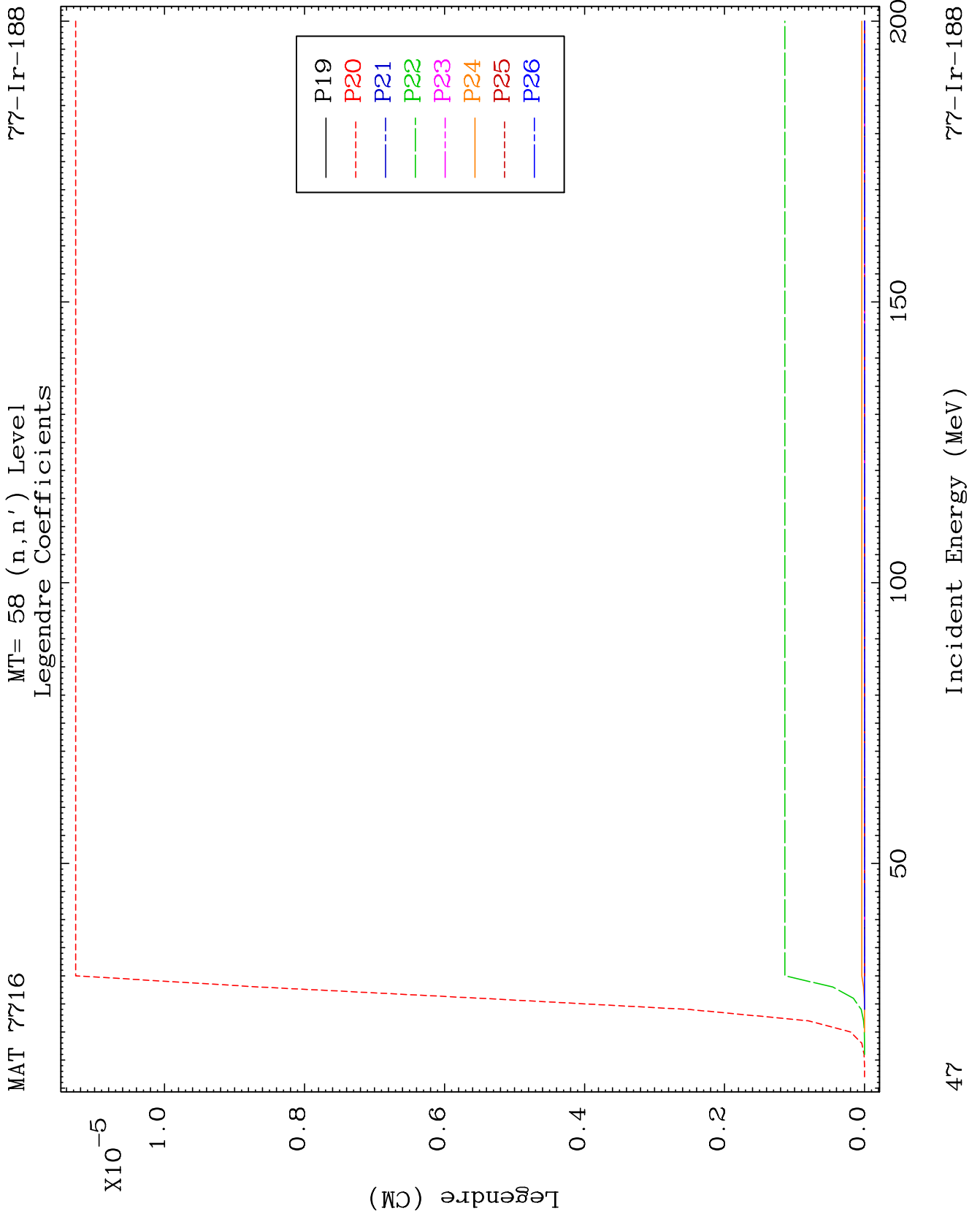
77-Ir-188

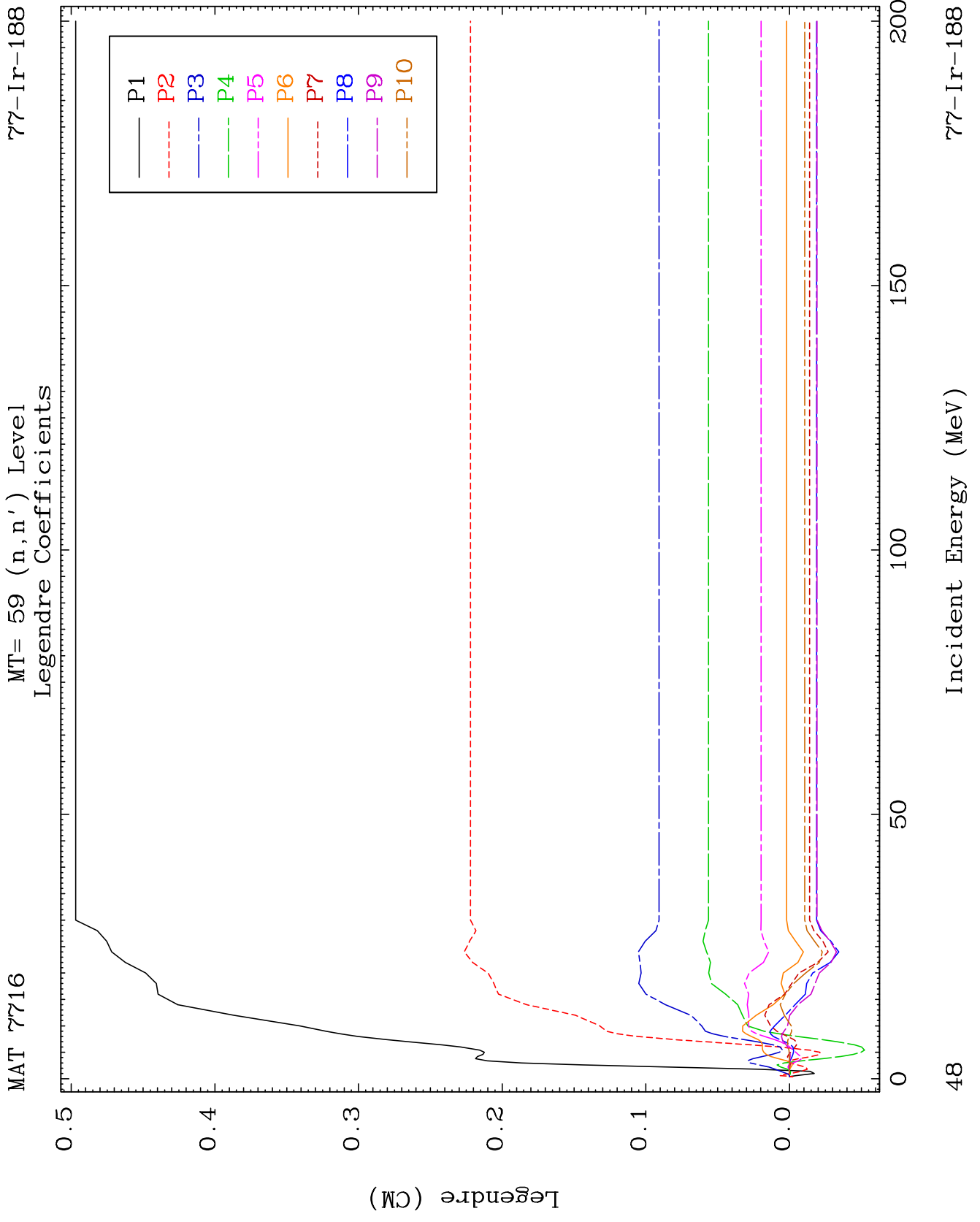


46

Incident Energy (MeV)

77-Ir-188

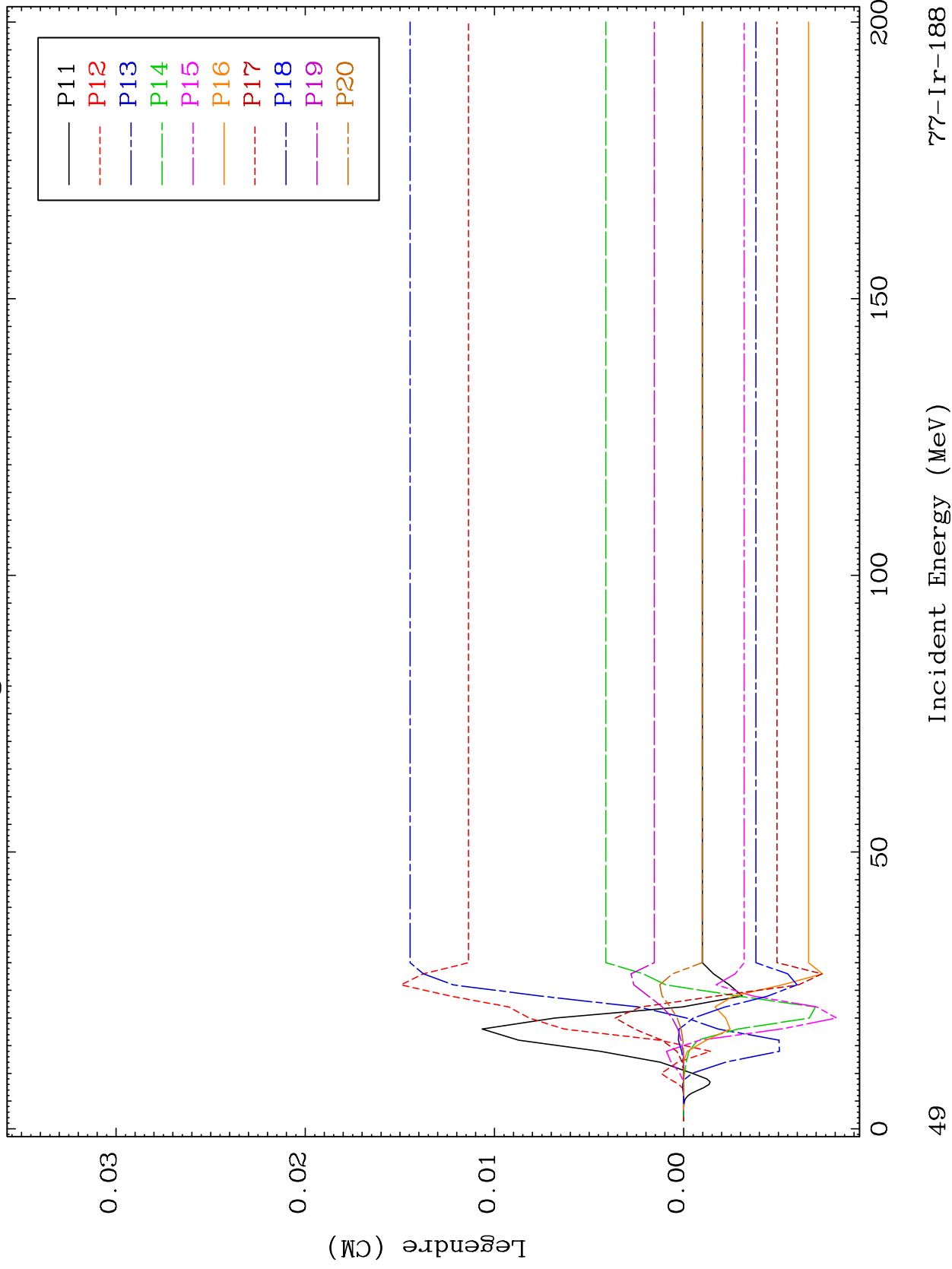




MAT 7716

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

77-Ir-188



77-Ir-188

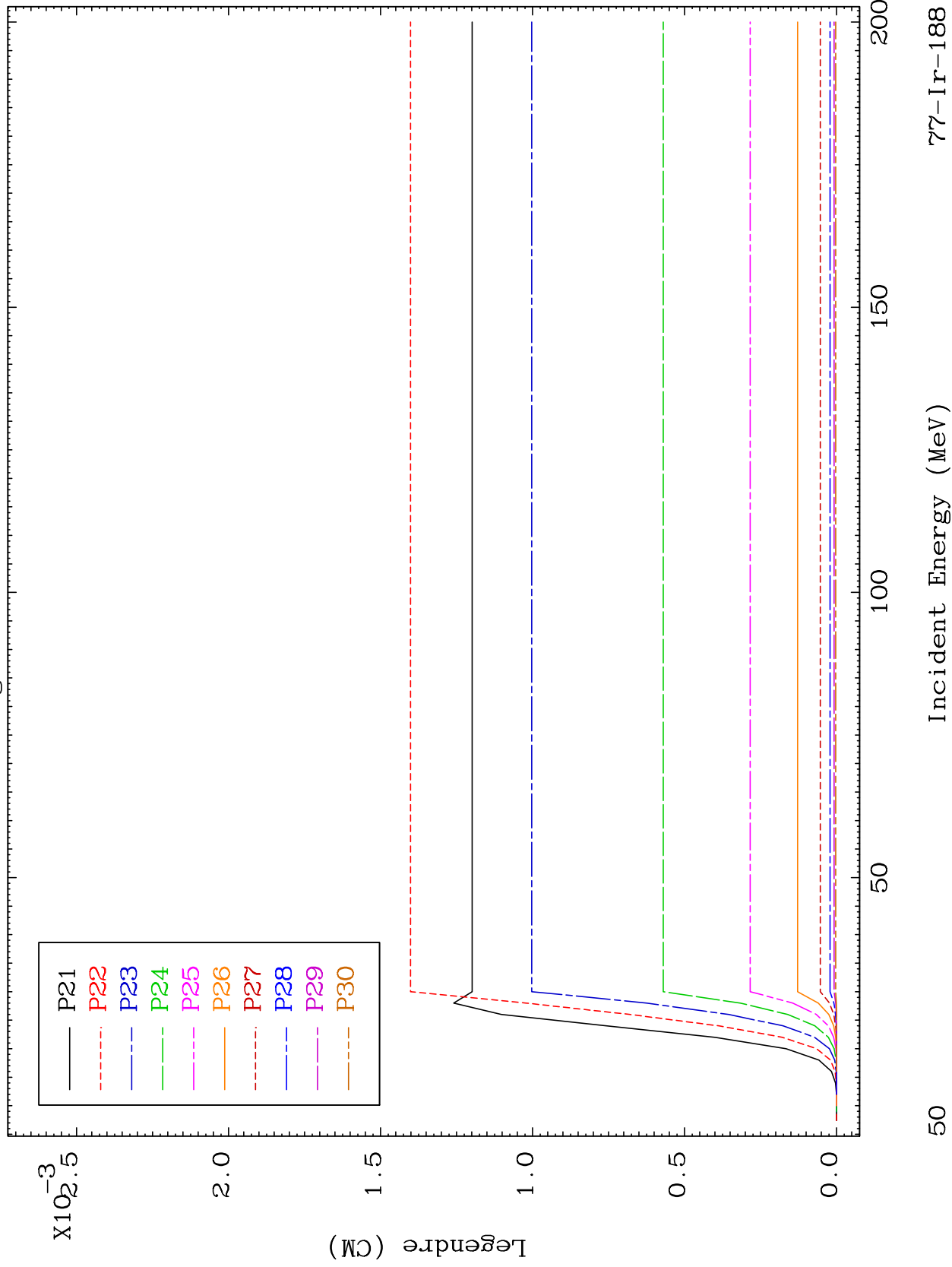
Incident Energy (MeV)

49

MAT 7716

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

77-Ir-188



77-Ir-188

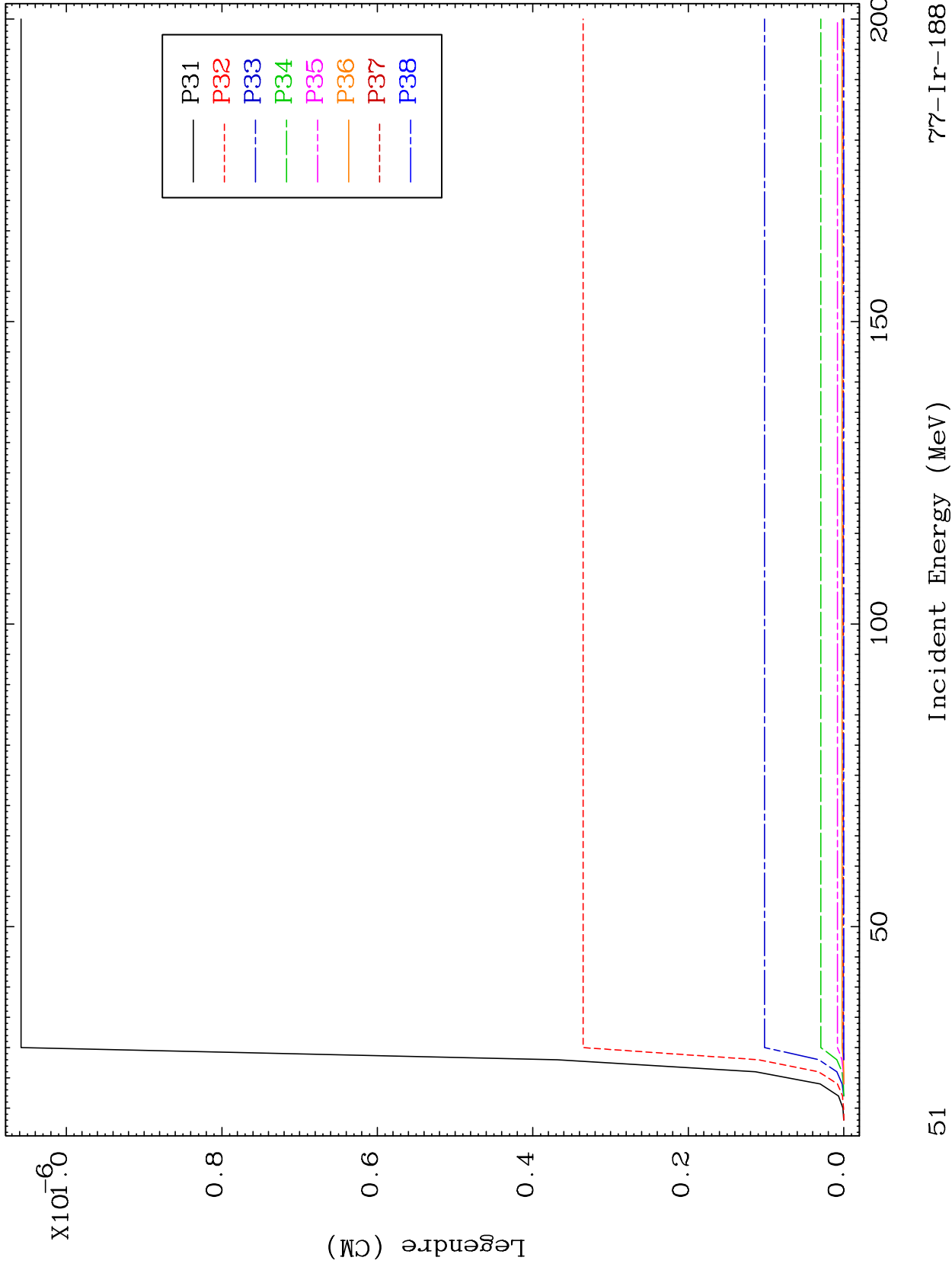
Incident Energy (MeV)

50

MAT 7716

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

77-Ir-188

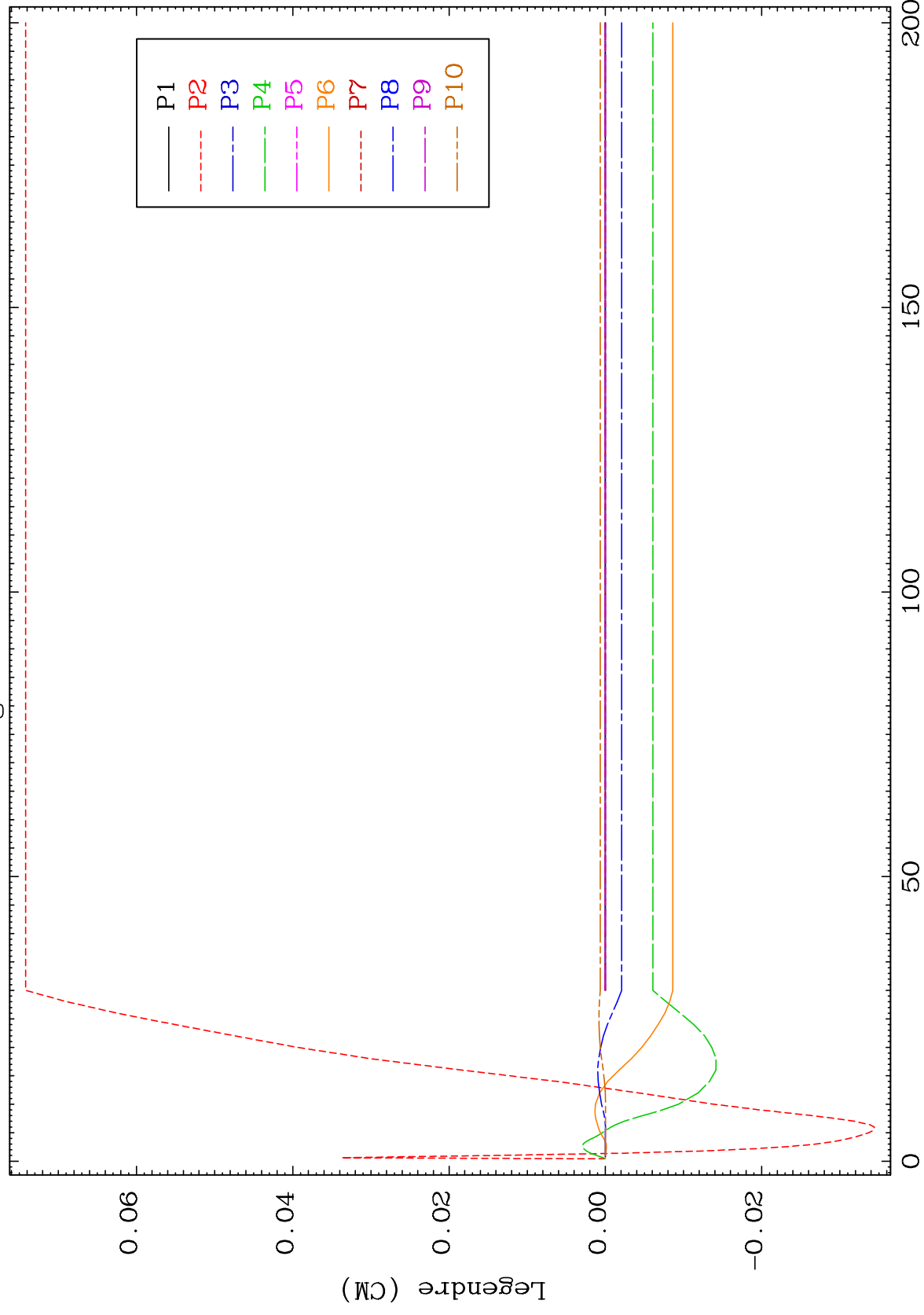


51

MAT 7716

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

77-Ir-188



52

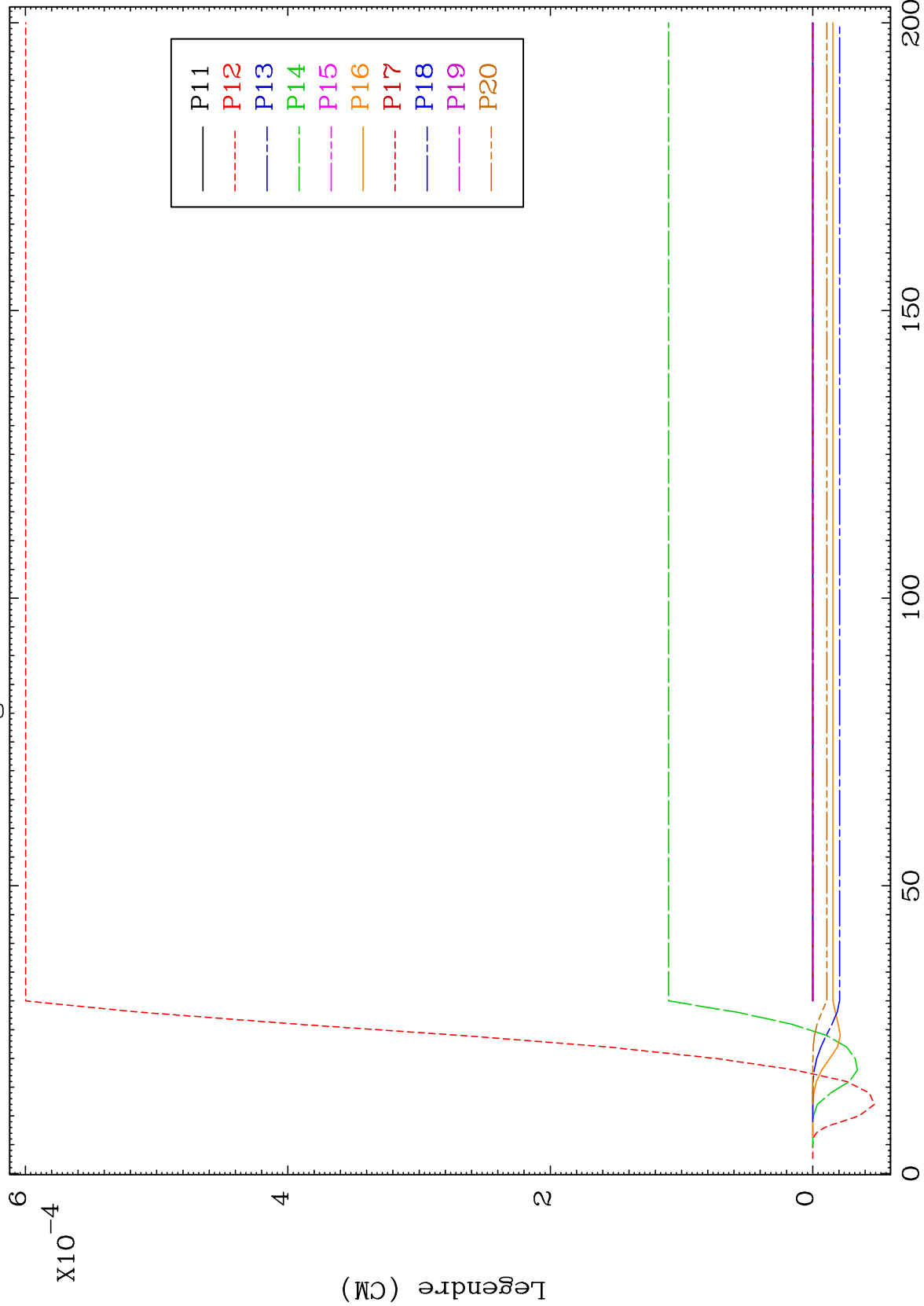
Incident Energy (MeV)

77-Ir-188

MAT 7716

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

77-Ir-188



53

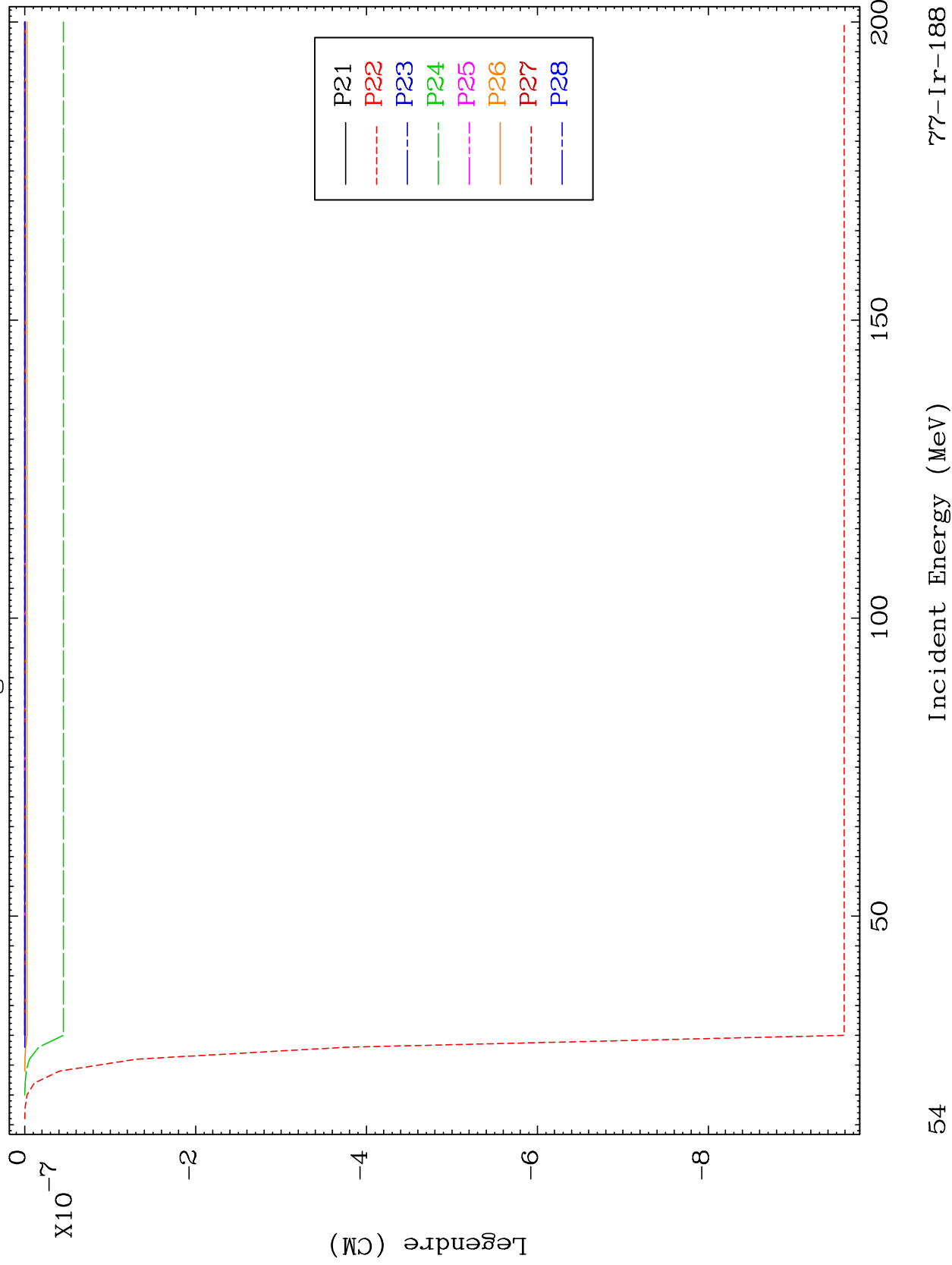
Incident Energy (MeV)

77-Ir-188

MAT 7716

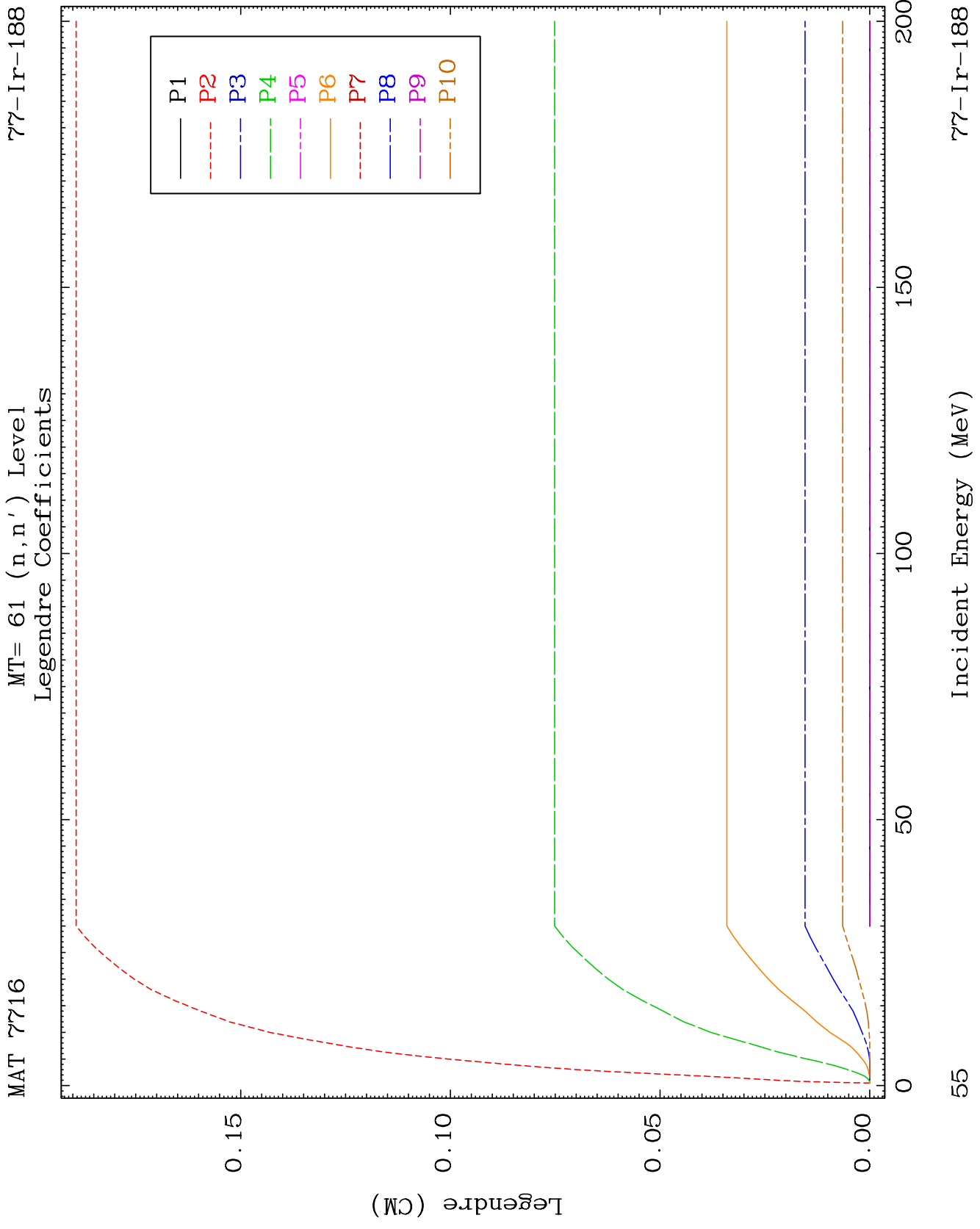
MT= 60 (n,n') Level
Legendre Coefficients

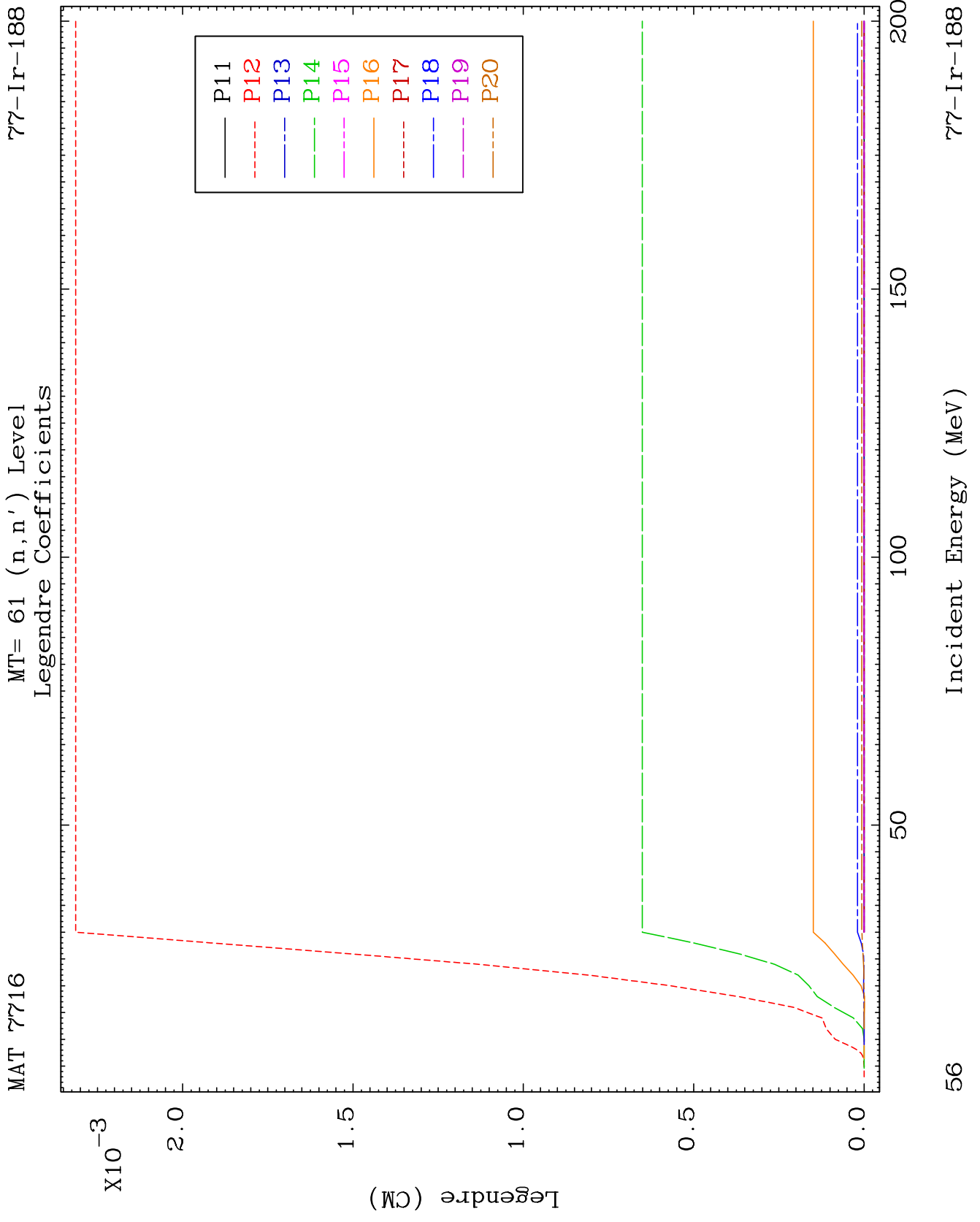
77-Ir-188

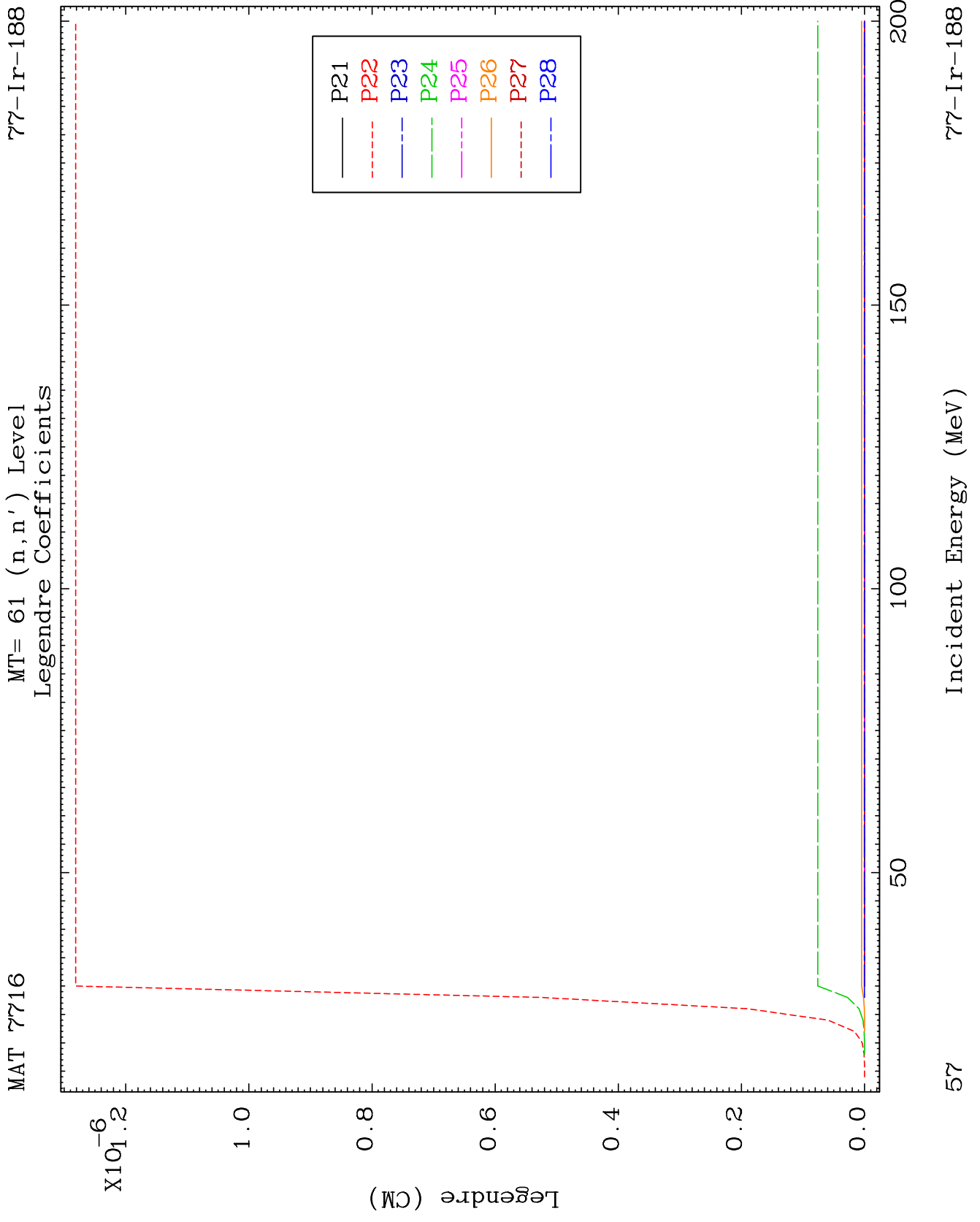


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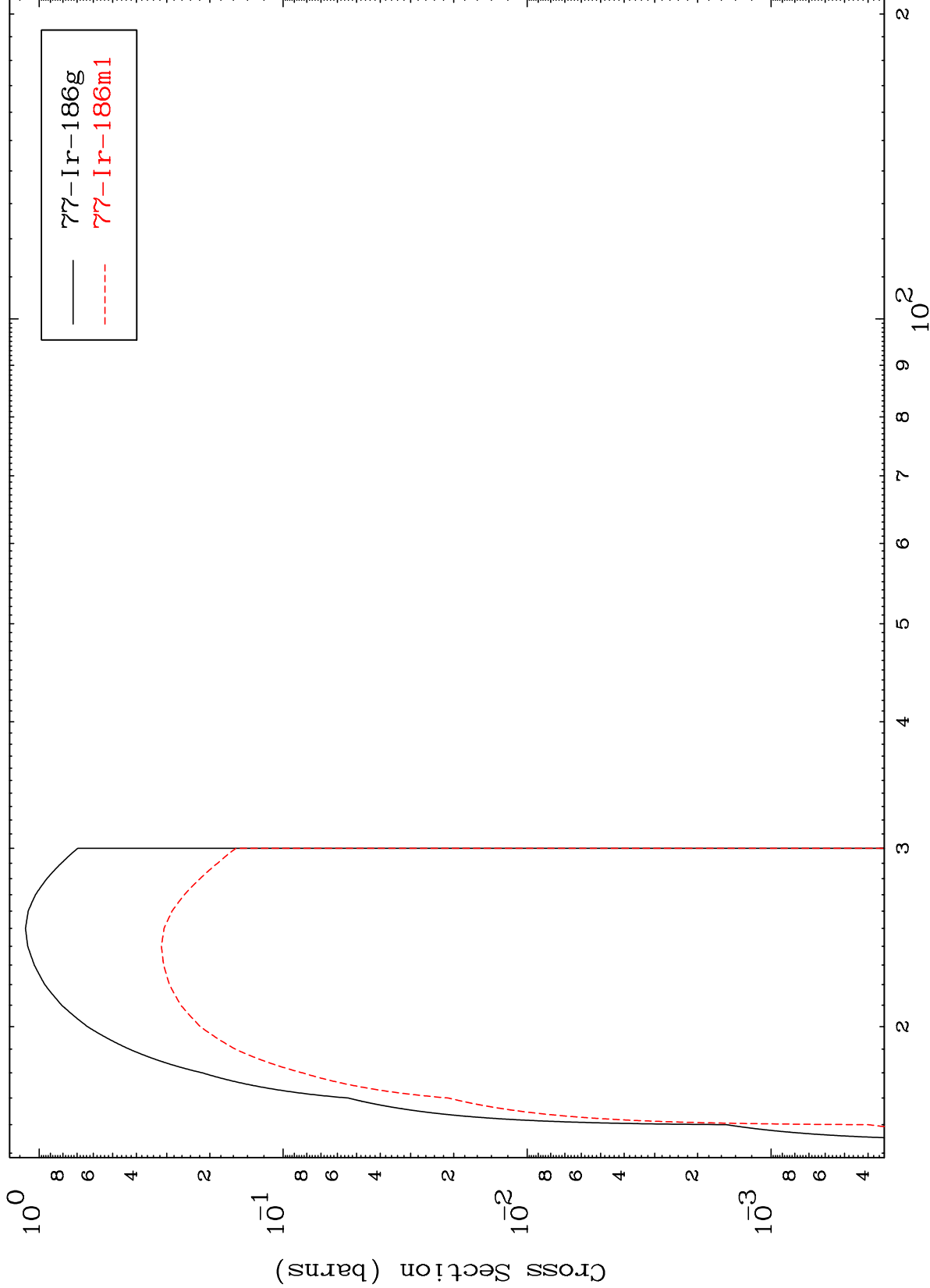
77-Ir-188







Radionuclide Production Cross Section

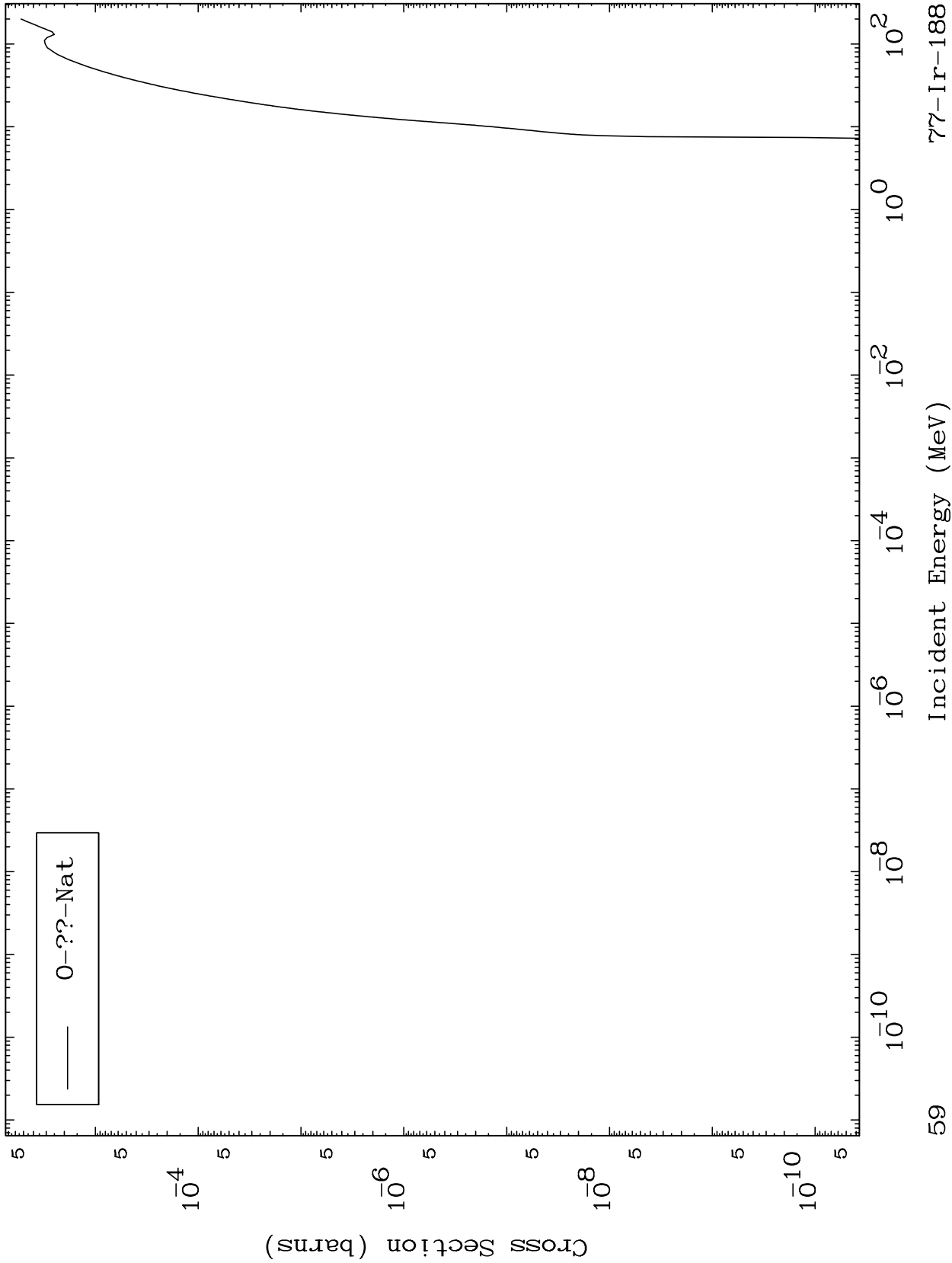


MAT 7716

Fission

⁷⁷Ir-188

Radionuclide Production Cross Section

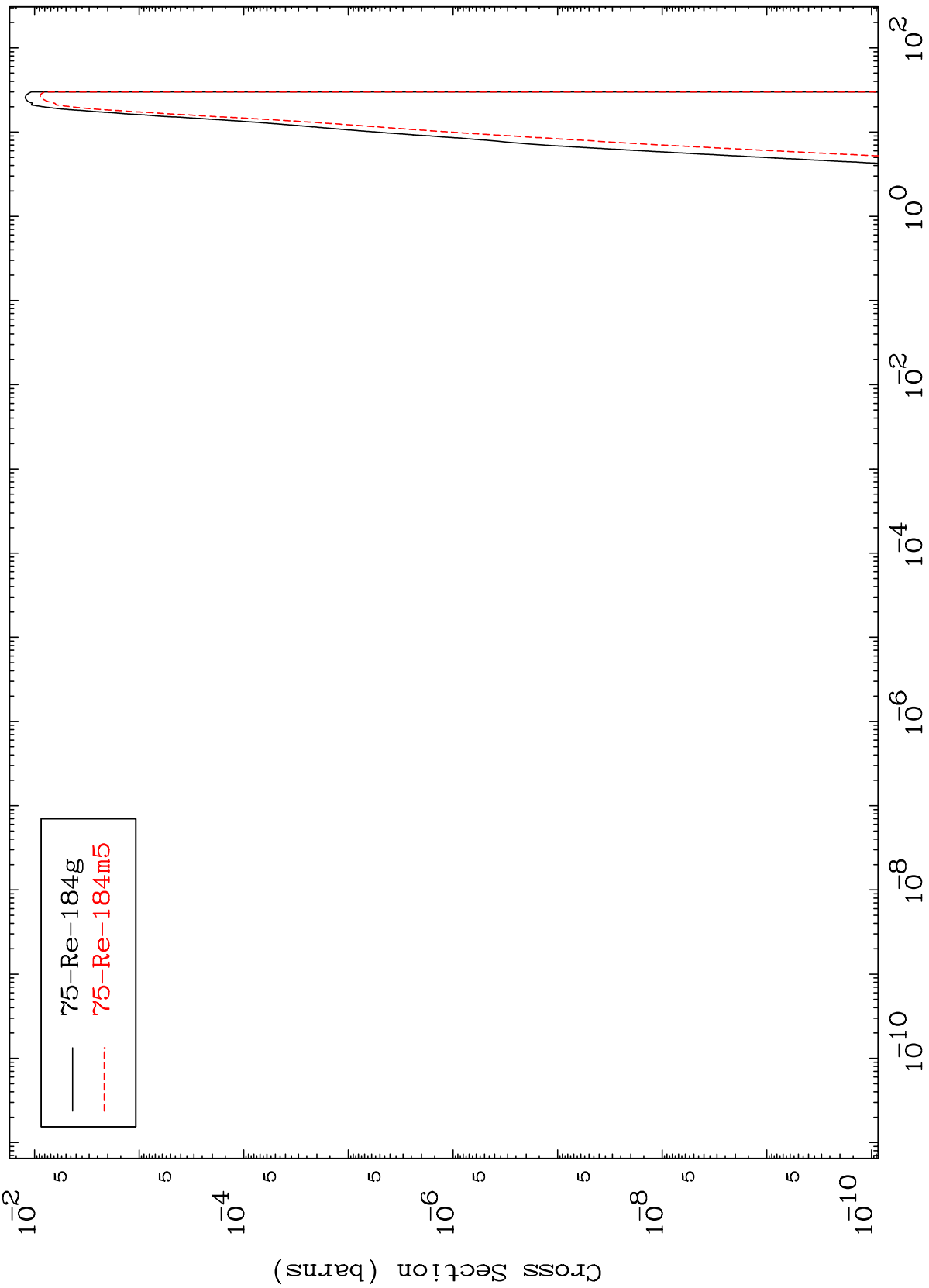


MAT 7716

$(n, n') \alpha$

$^{77}\text{Ir-188}$

Radionuclide Production Cross Section



60

Incident Energy (MeV)

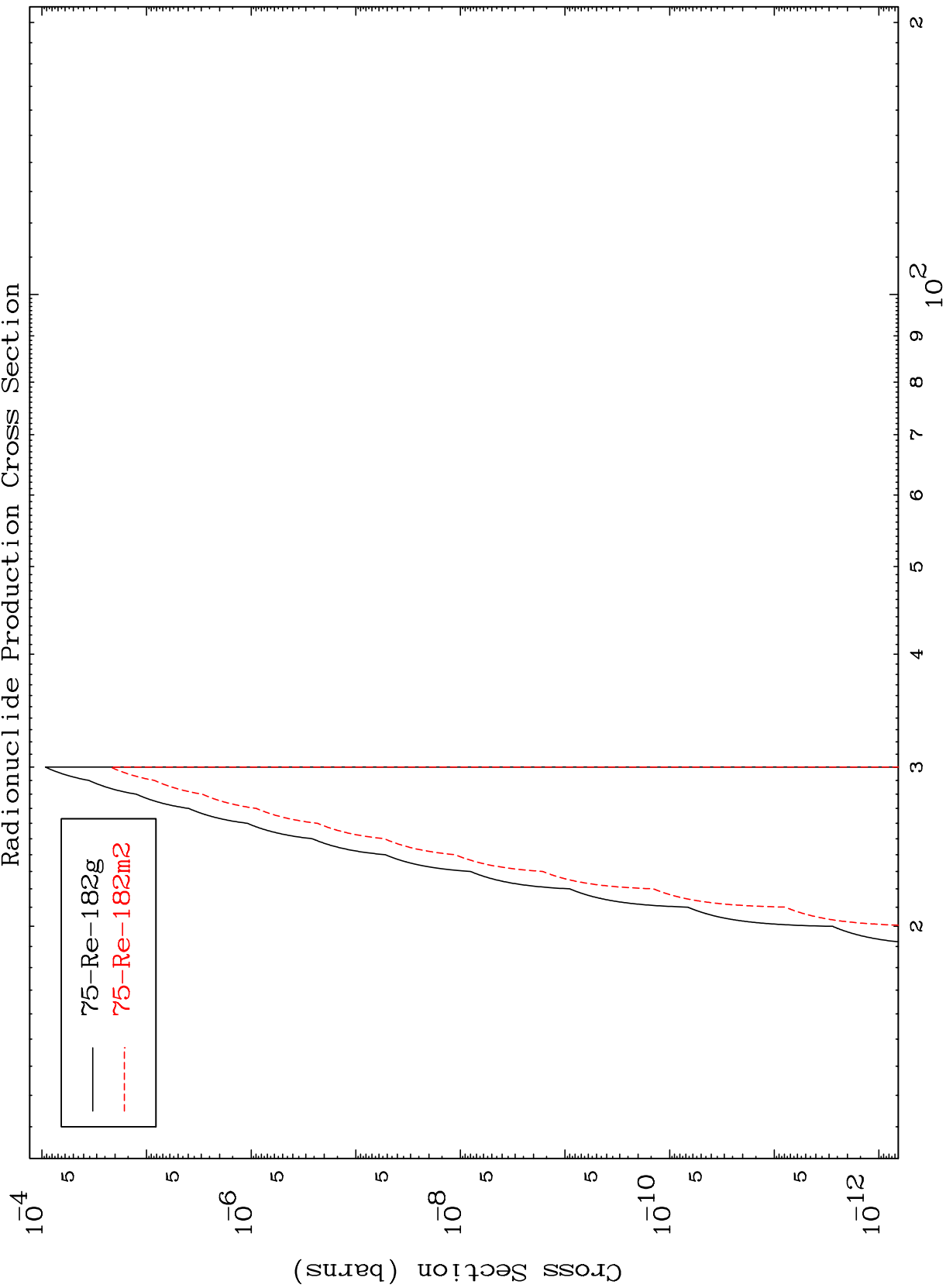
$^{77}\text{Ir-188}$

MAT 7716

77-Ir-188

(n,3n) α

Radionuclide Production Cross Section



Incident Energy (MeV)

77-Ir-188

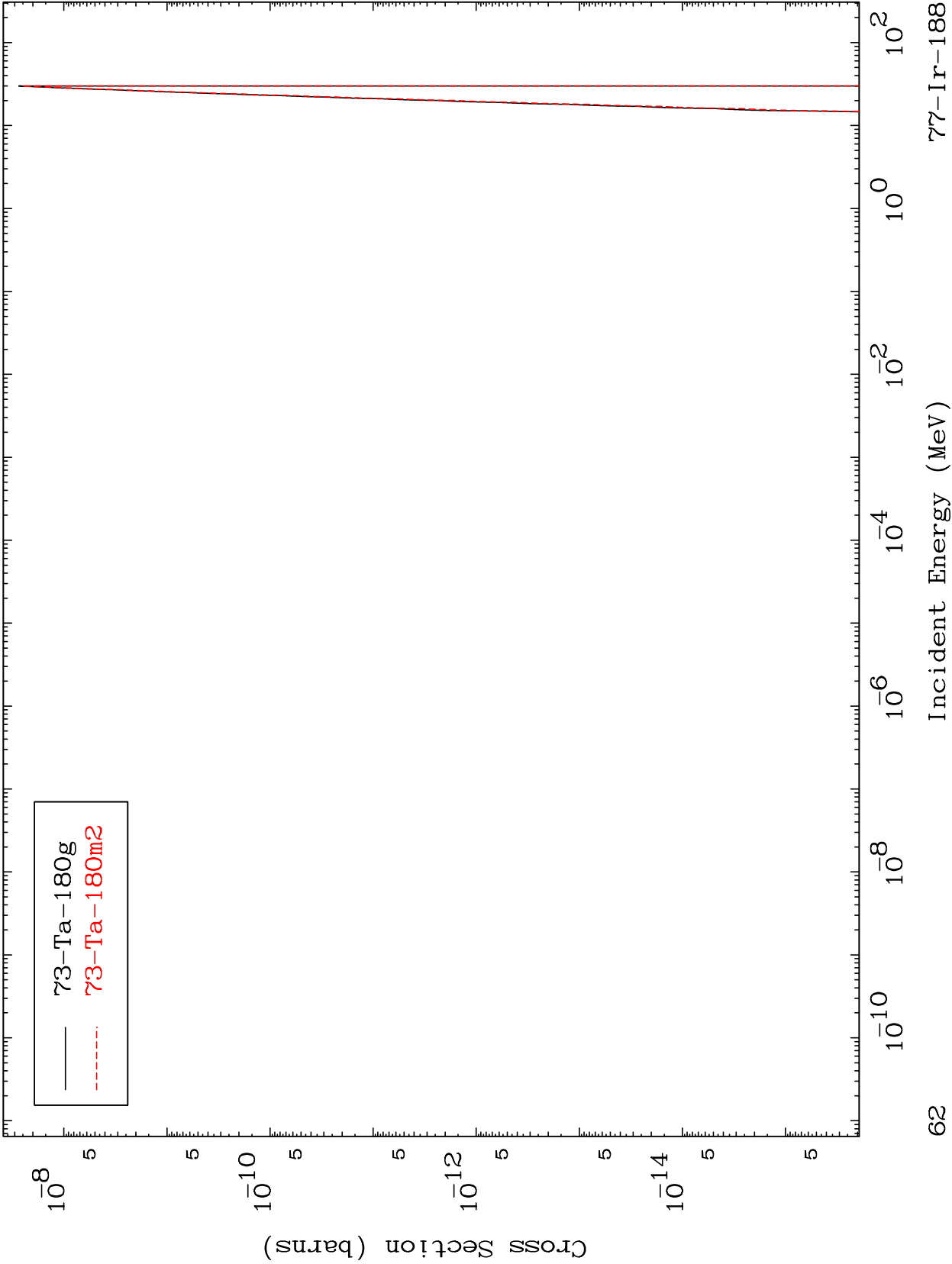
61

MAT 7716

(n,n') 2α

77-Ir-188

Radionuclide Production Cross Section

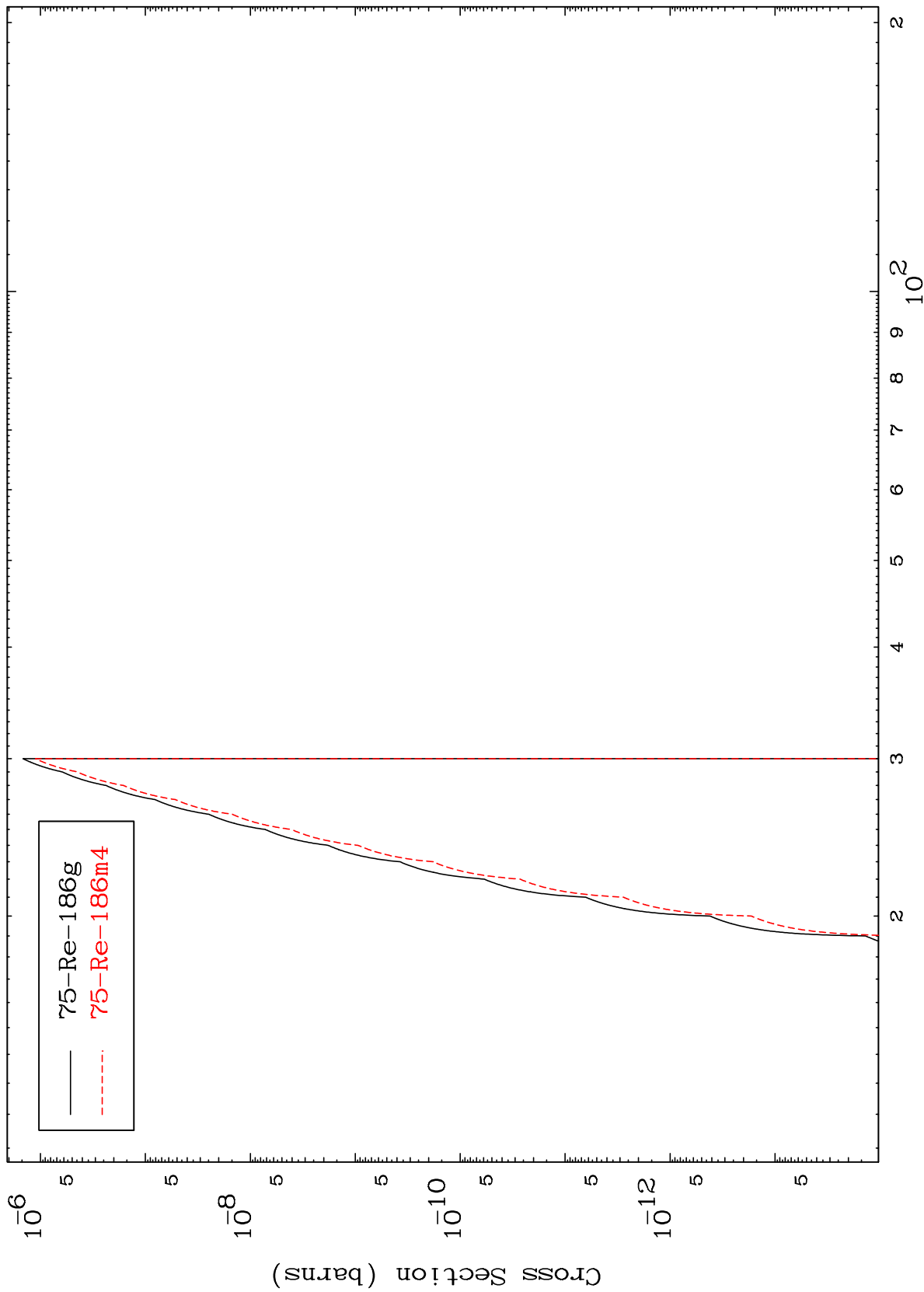


MAT 7716

(n,2n) p

⁷⁷Ir-188

Radionuclide Production Cross Section



75-Re-186g
75-Re-186m4

Incident Energy (MeV)

⁷⁷Ir-188

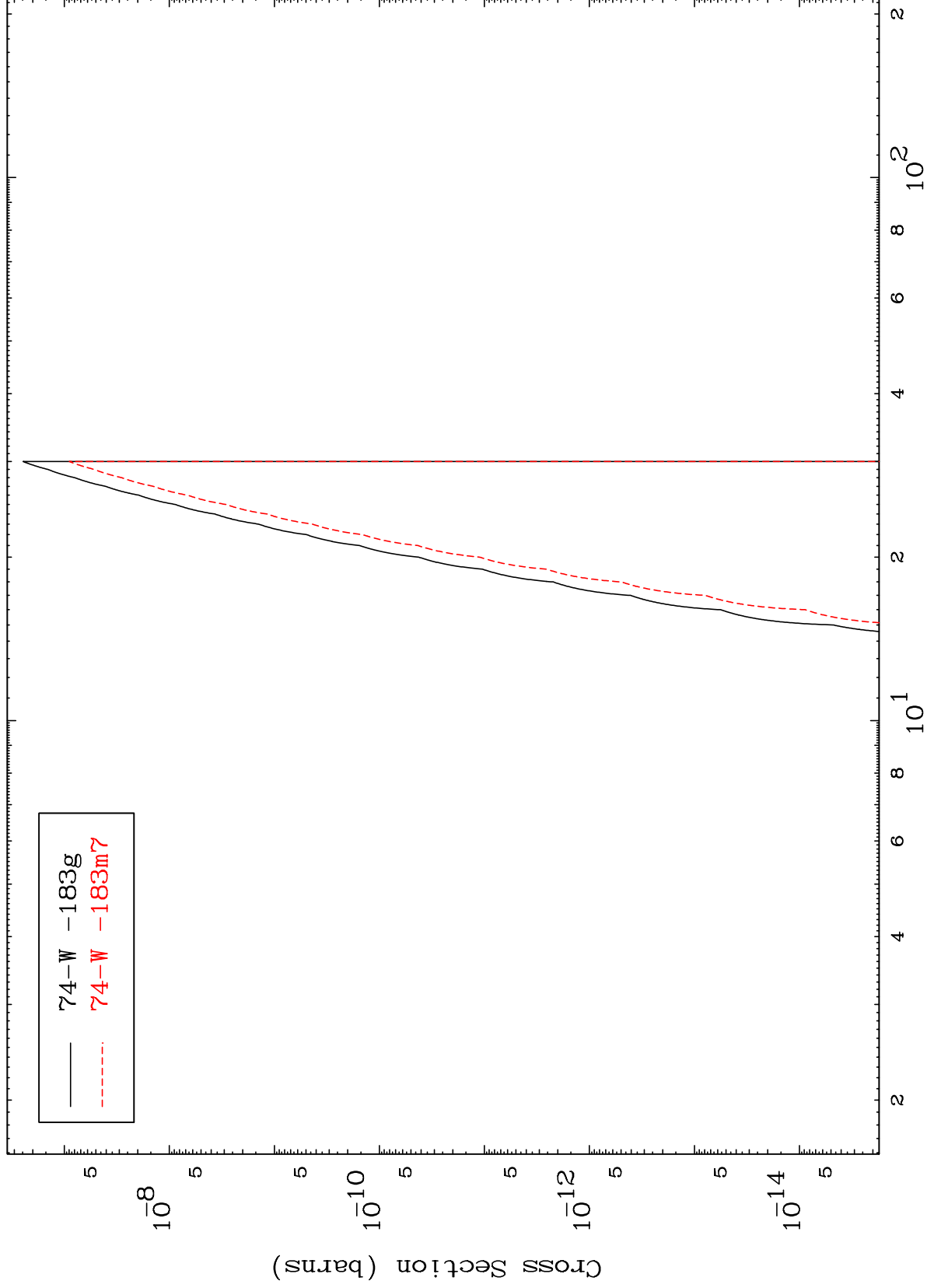
63

MAT 7716

(n,n') p α

⁷⁷Ir-188

Radionuclide Production Cross Section



64

Incident Energy (MeV)

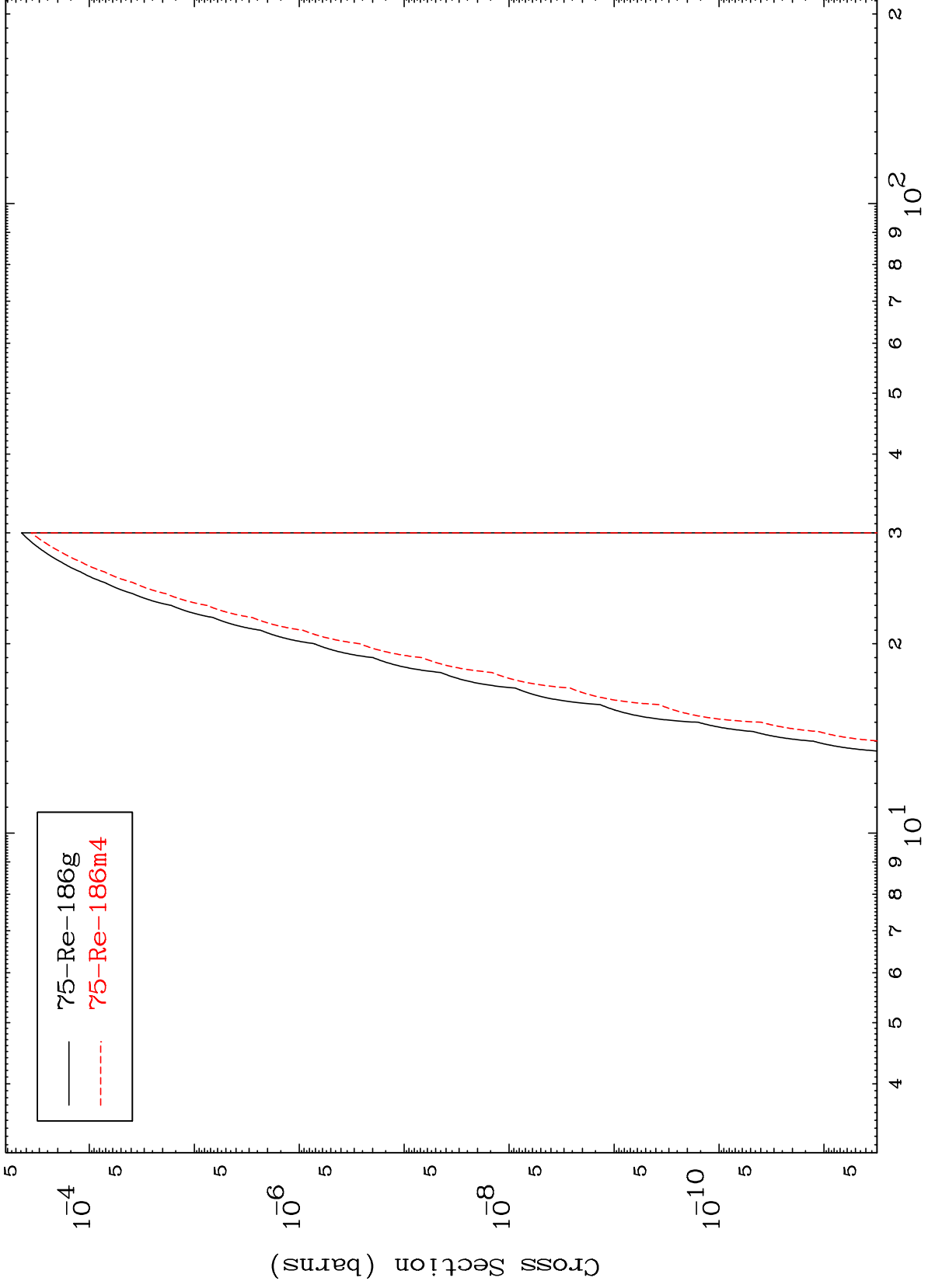
⁷⁷Ir-188

MAT 7716

(n,He-3)

77-Ir-188

Radionuclide Production Cross Section



65

Incident Energy (MeV)

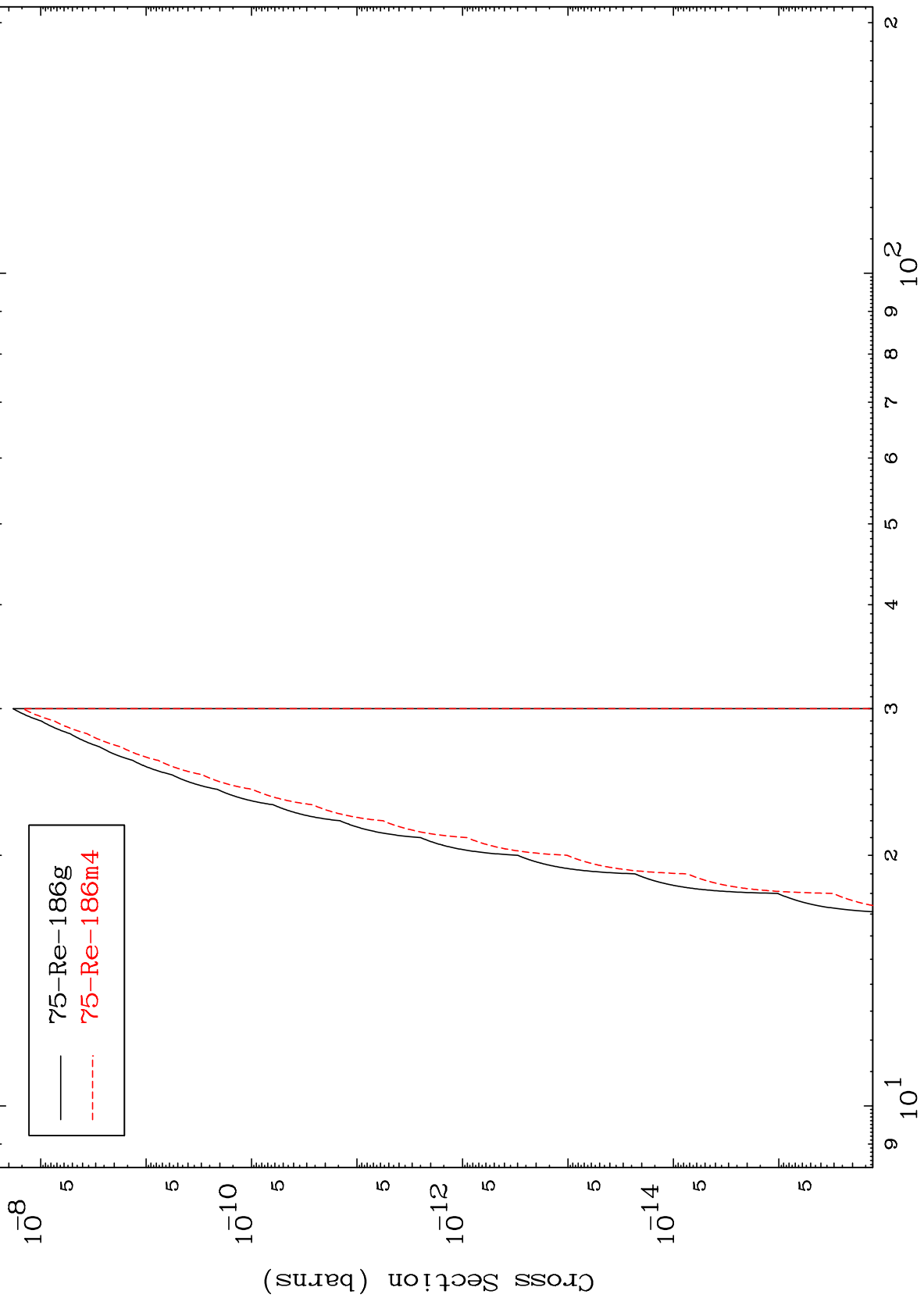
77-Ir-188

MAT 7716

(n,p) d

⁷⁷Ir-188

Radionuclide Production Cross Section



75-Re-186g
75-Re-186m4

66

Incident Energy (MeV)

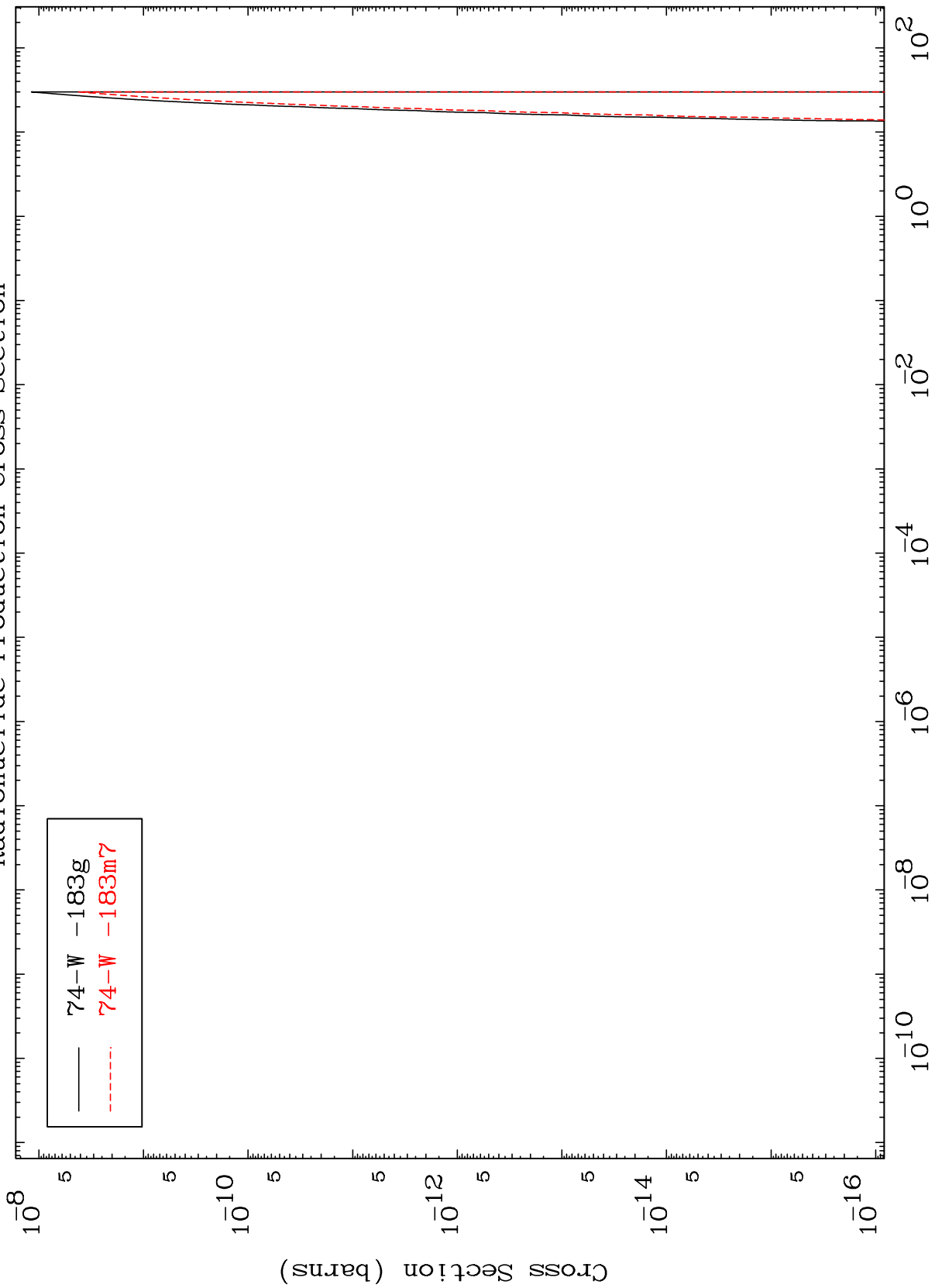
⁷⁷Ir-188

MAT 7716

(n,d) α

⁷⁷Ir-188

Radionuclide Production Cross Section



74-W-183g
74-W-183m7

Incident Energy (MeV)

⁷⁷Ir-188

67