

Program EVALPLOT
(Version 2021-1)

by

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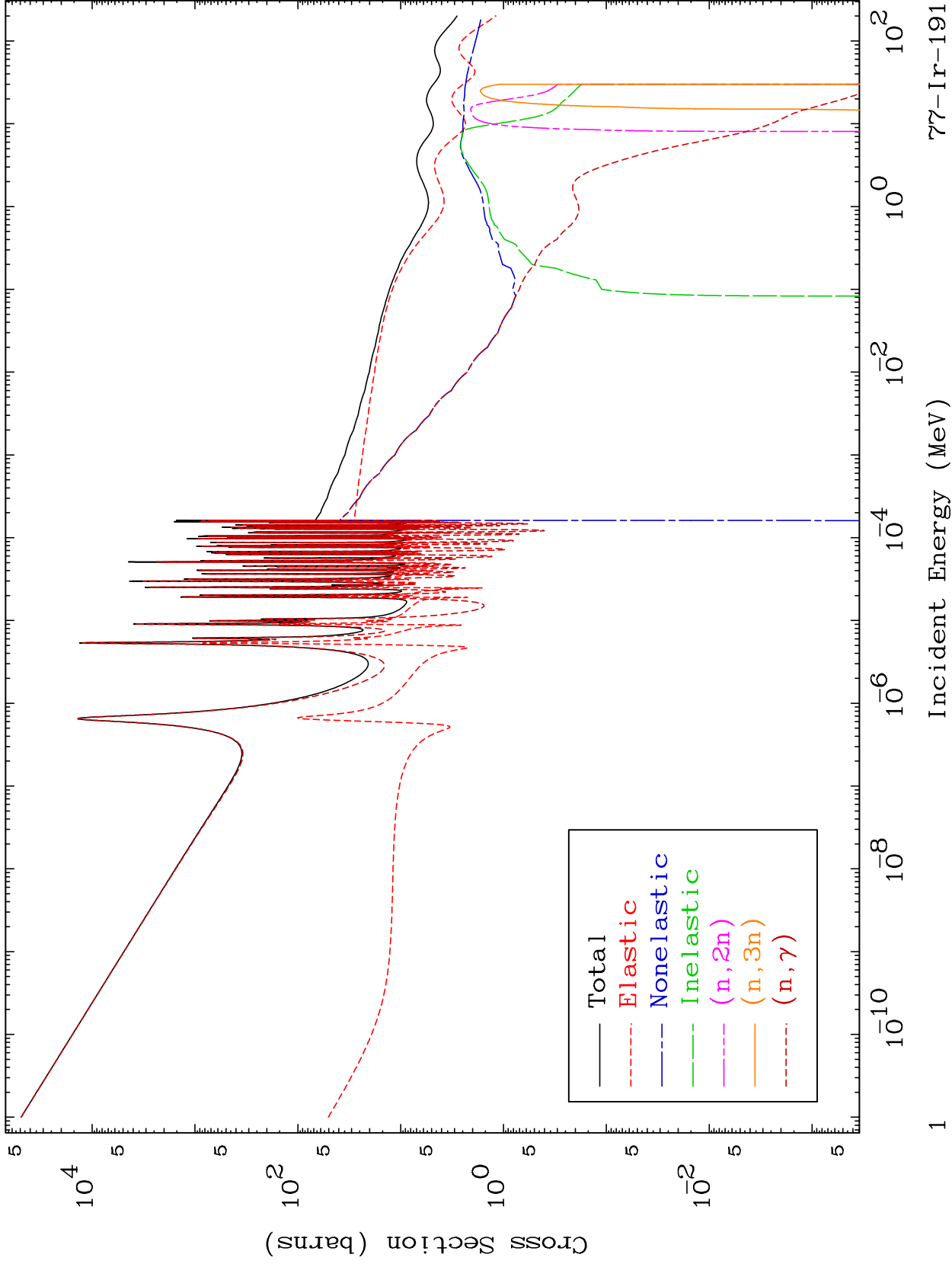
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7725

Neutron Major
293 Kelvin Cross Sections

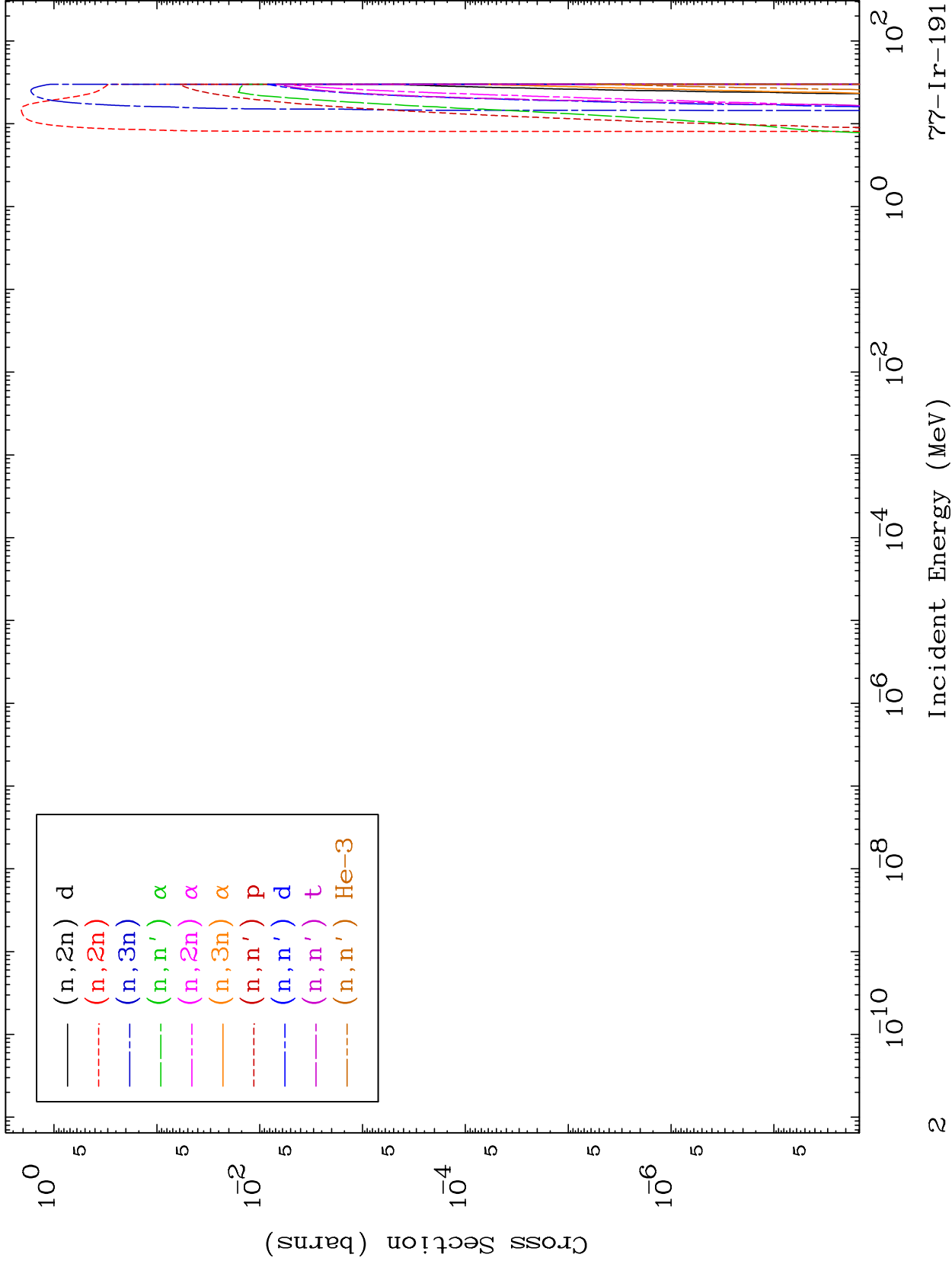
77-Ir-191



MAT 7725

Neutron Absorption
293 Kelvin Cross Sections

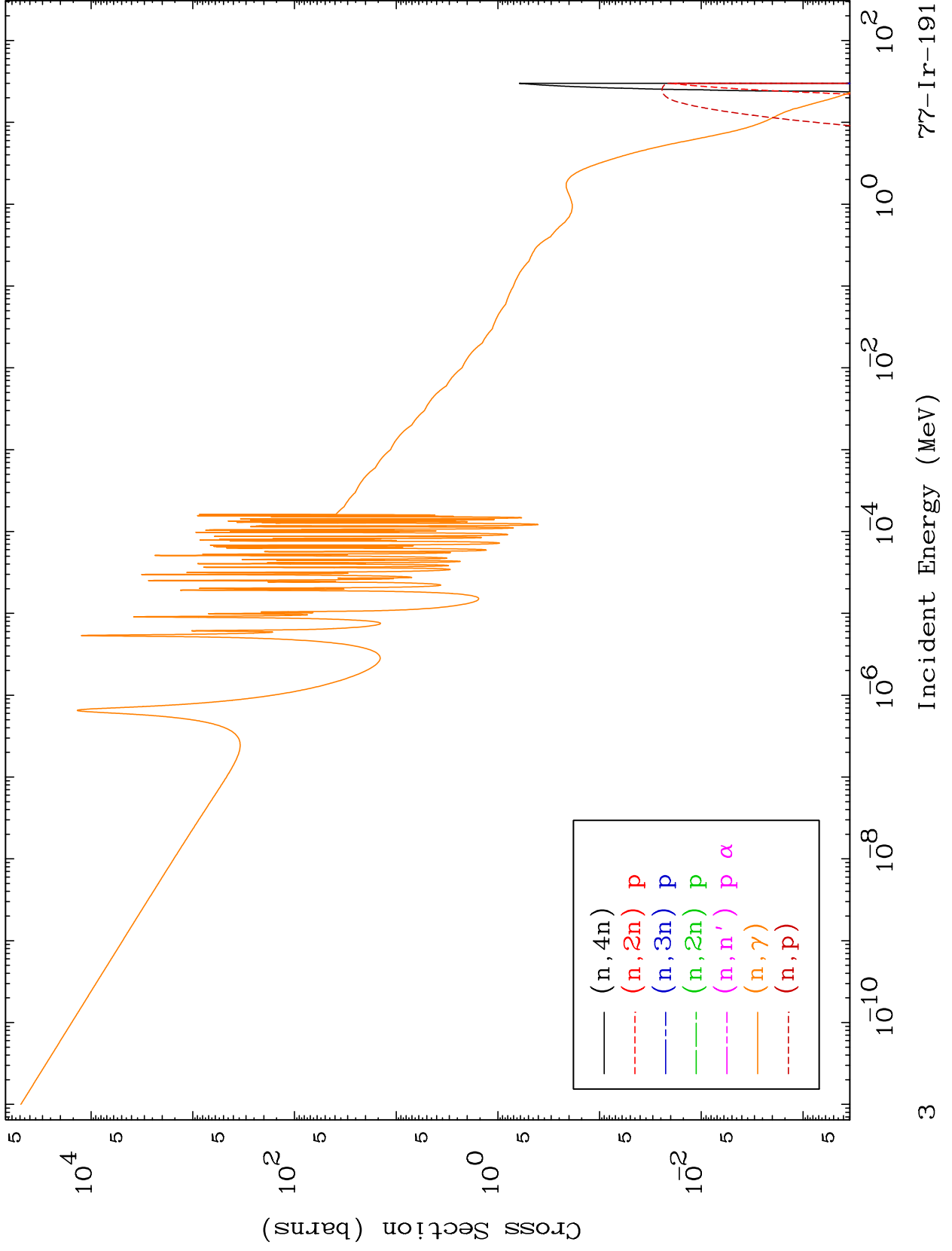
77-Ir-191



MAT 7725

Neutron Absorption
293 Kelvin Cross Sections

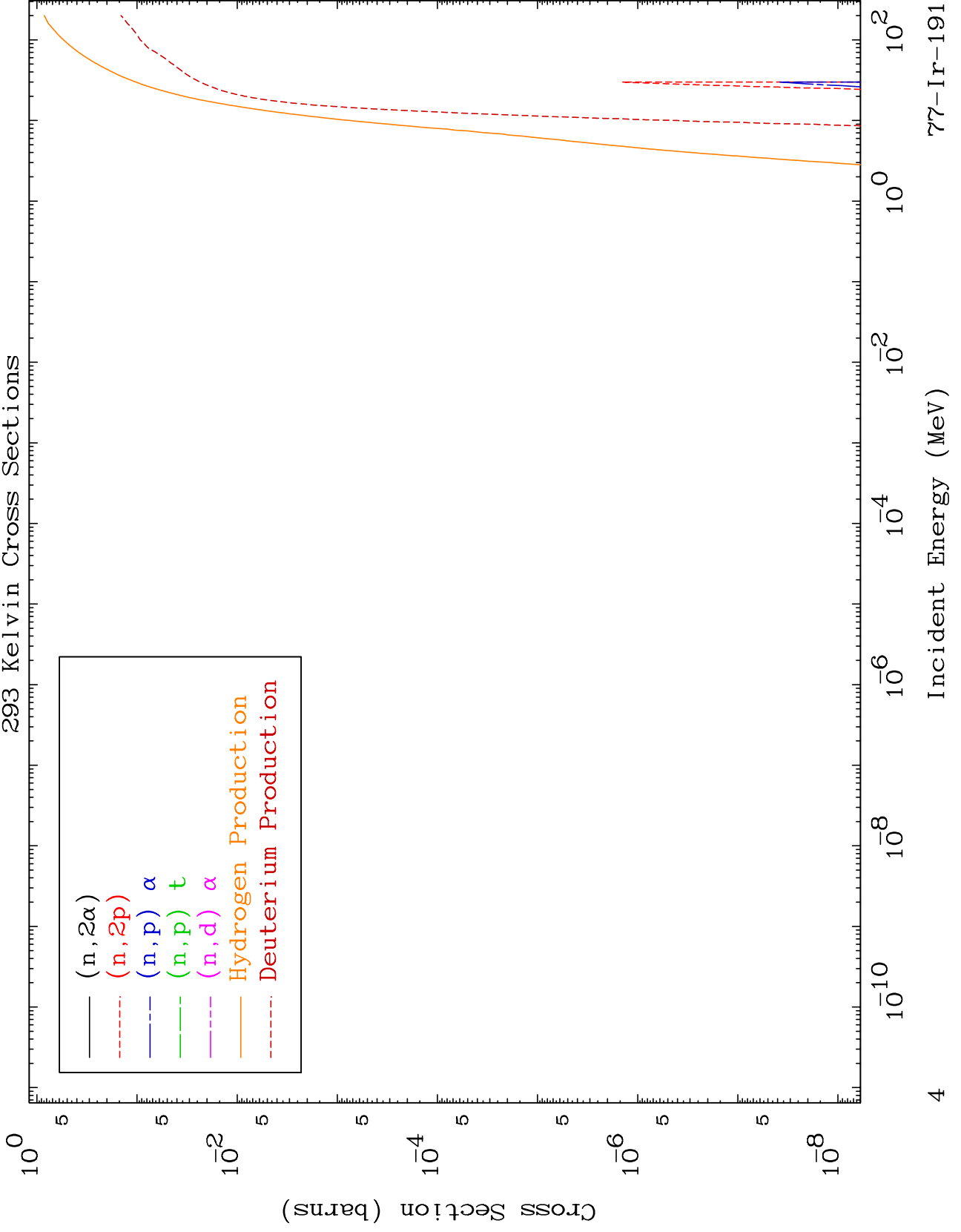
77-Ir-191

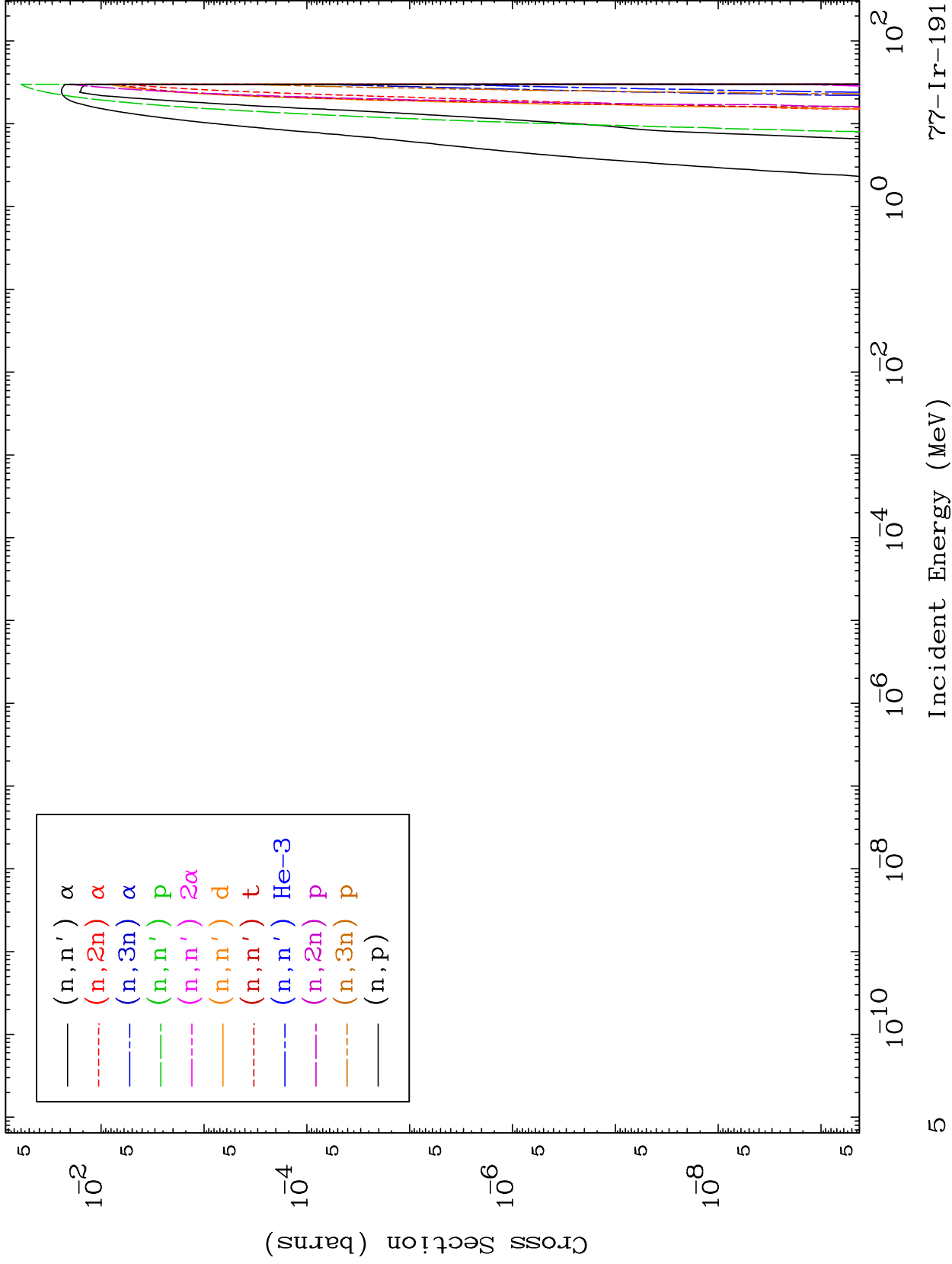


MAT 7725

Neutron Absorption
293 Kelvin Cross Sections

77-Ir-191

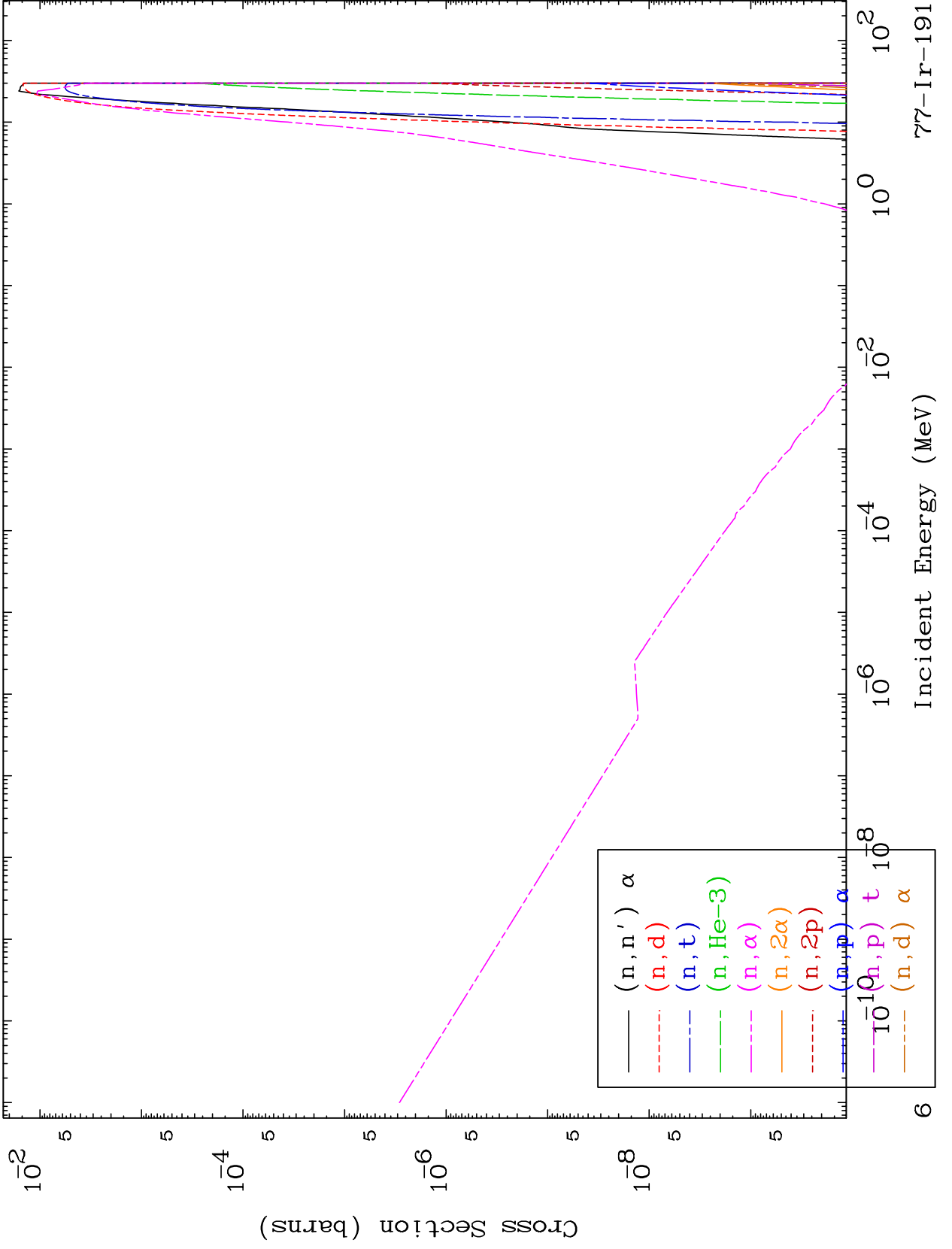




MAT 7725

Charged Particle
293 Kelvin Cross Sections

77-Ir-191



77-Ir-191

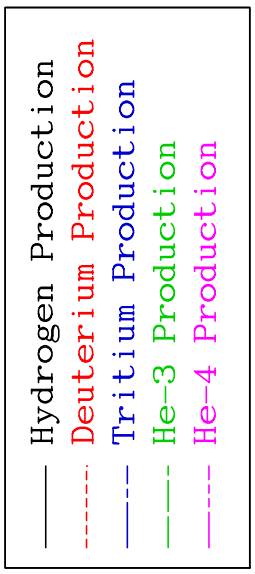
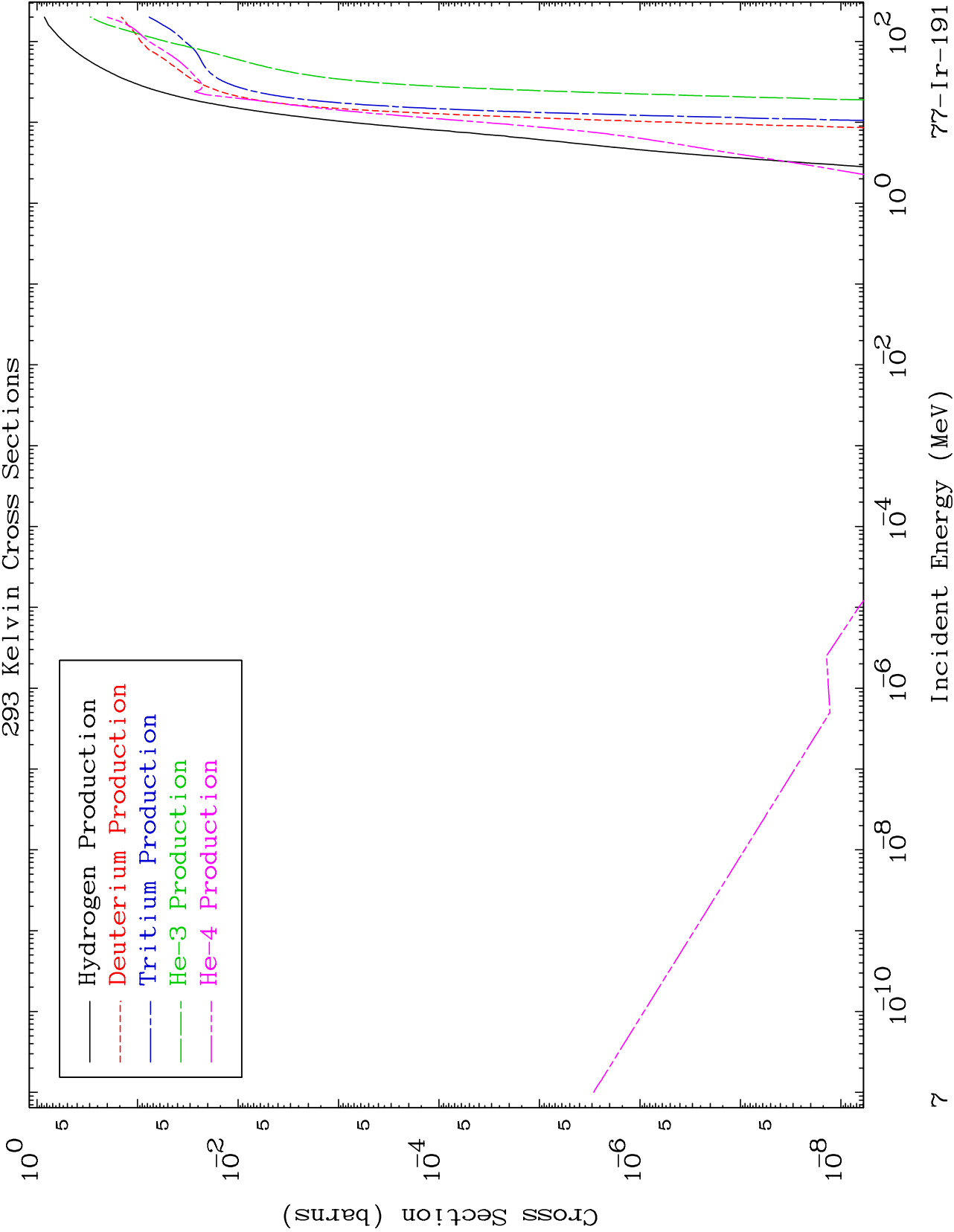
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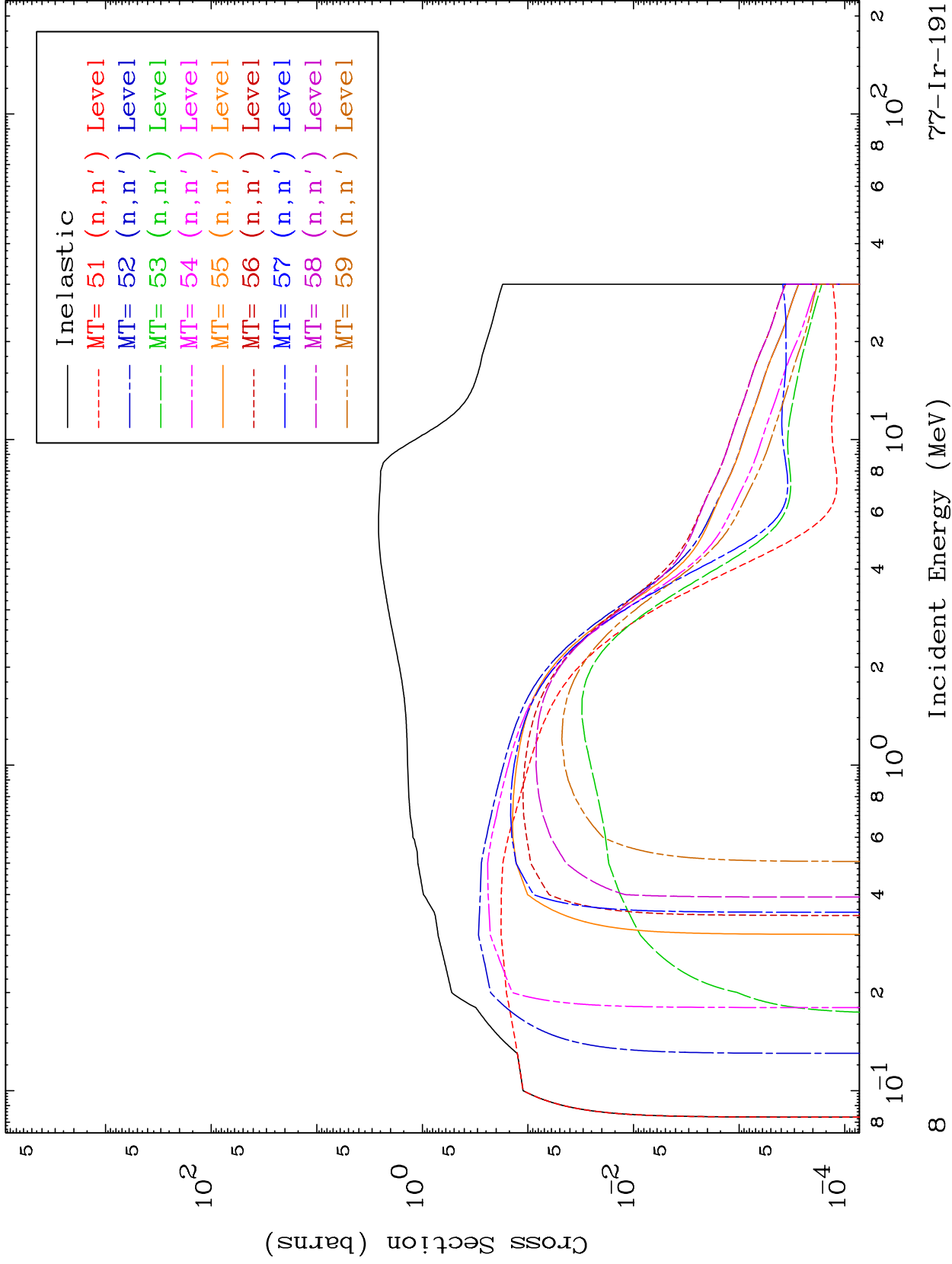
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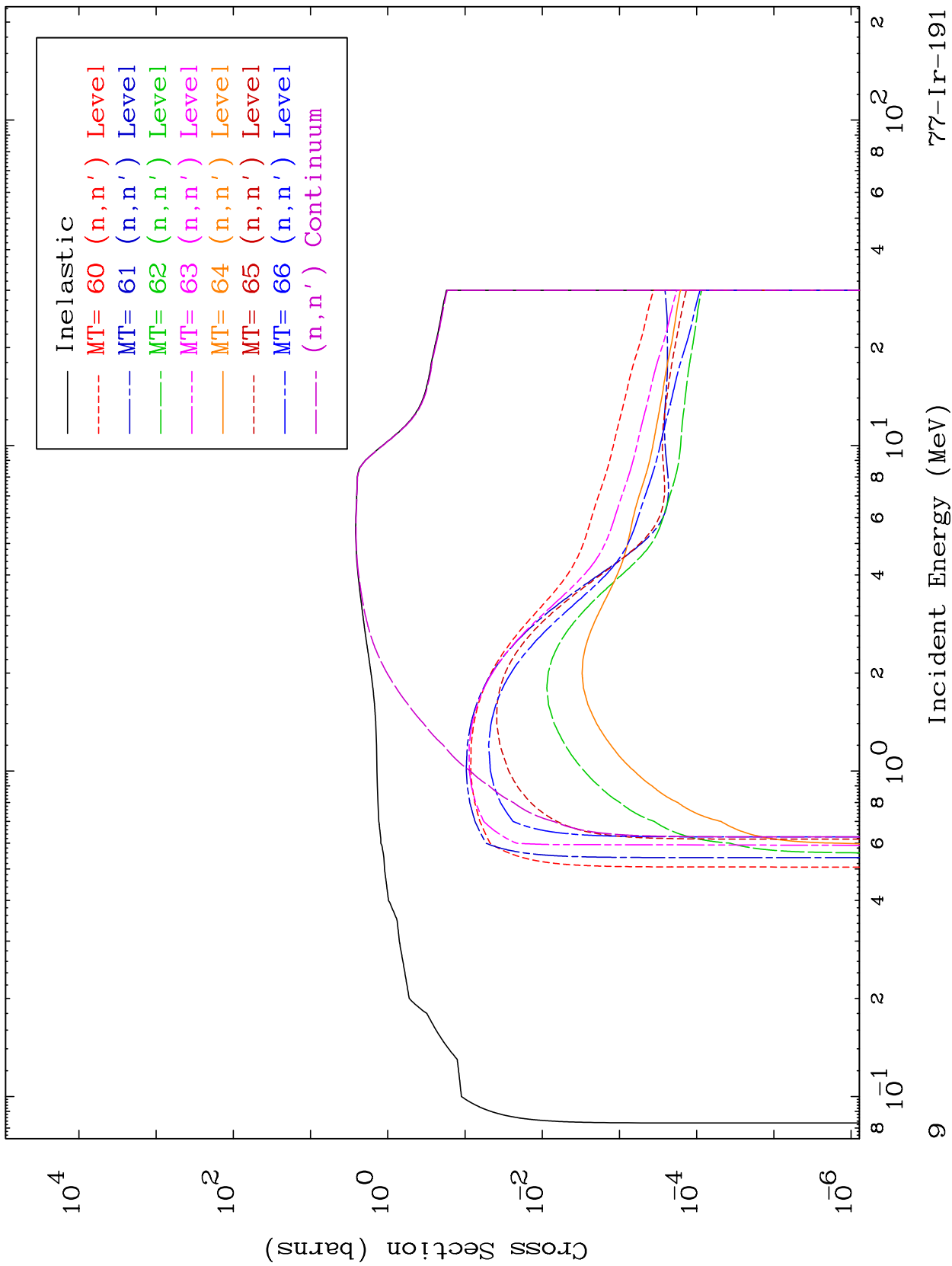
MAT 7725

Particle Production
293 Kelvin Cross Sections

77-Ir-191



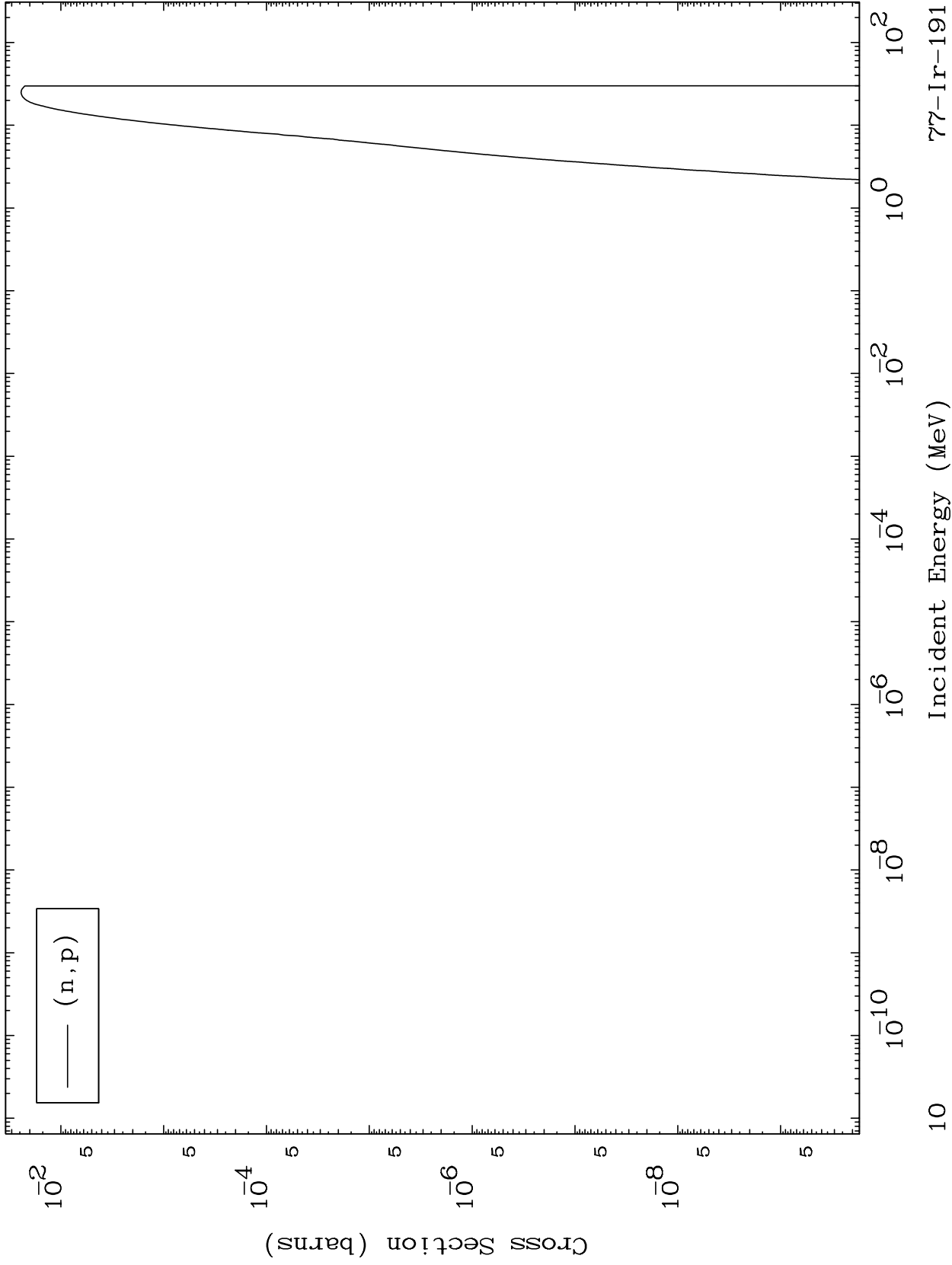




MAT 7725

(n,p) Levels
293 Kelvin Cross Sections

77-Ir-191



10

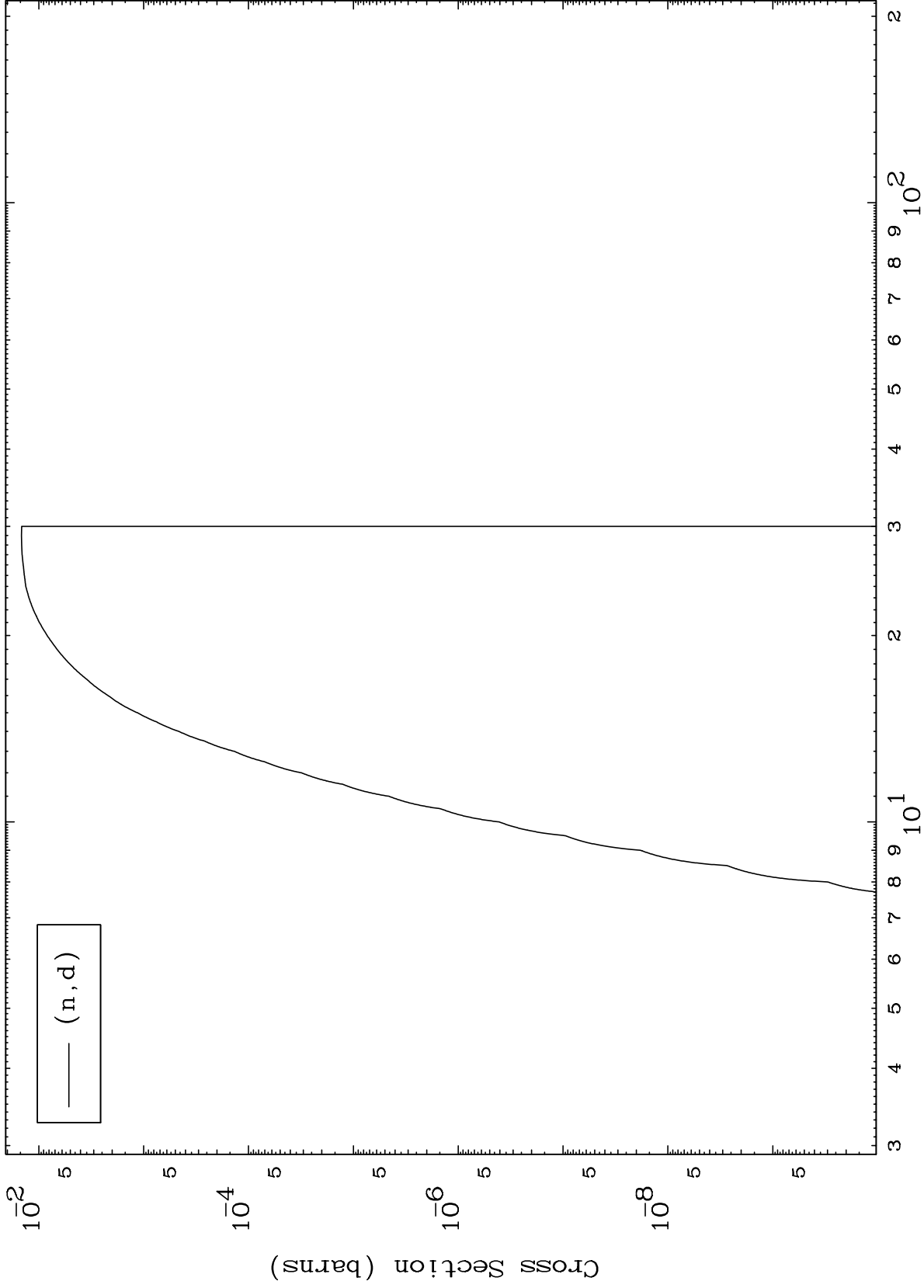
Incident Energy (MeV)

77-Ir-191

MAT 7725

(n,d) Levels
293 Kelvin Cross Sections

77-Ir-191



11

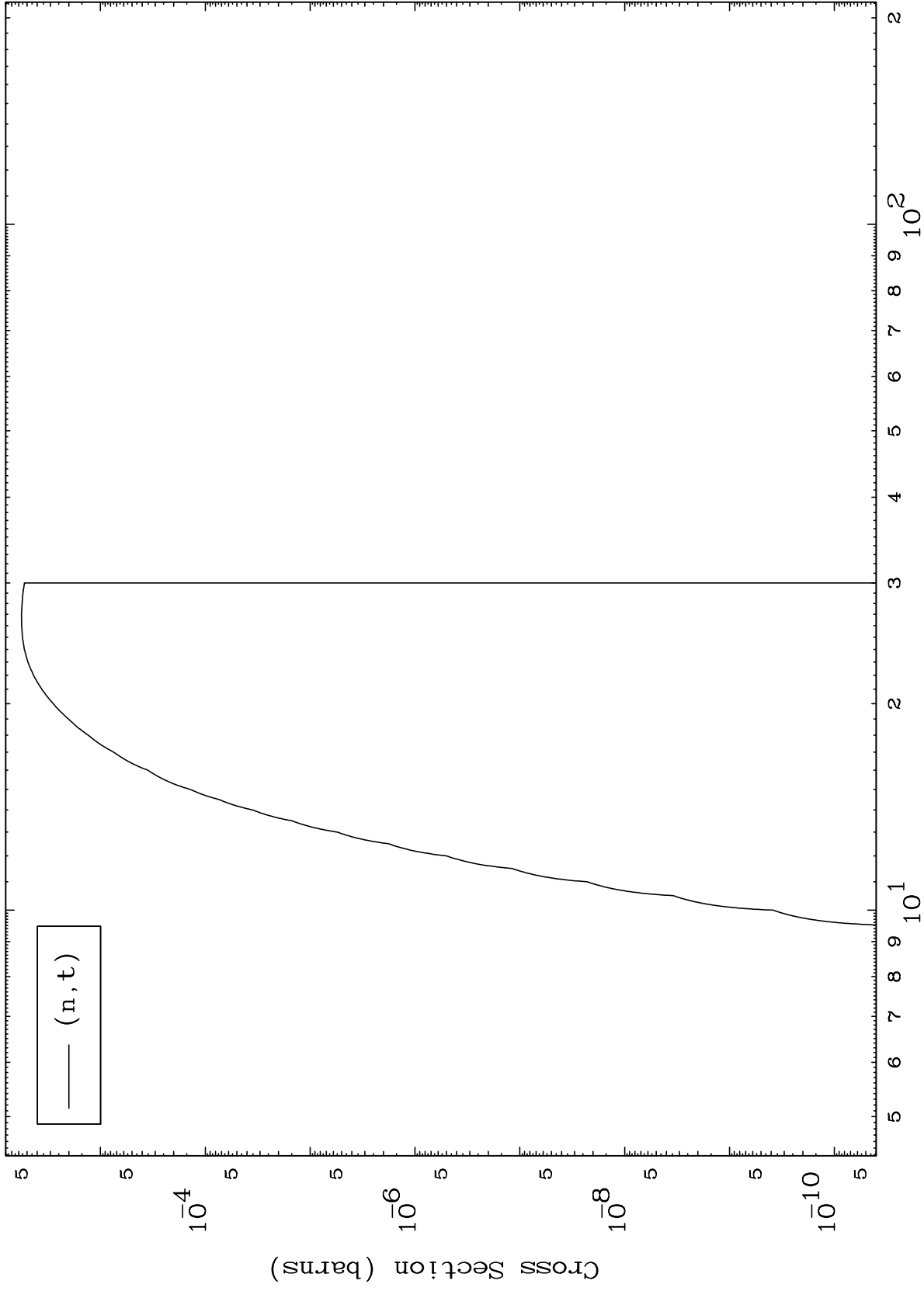
Incident Energy (MeV)

77-Ir-191

MAT 7725

(n,t) Levels
293 Kelvin Cross Sections

77-Ir-191

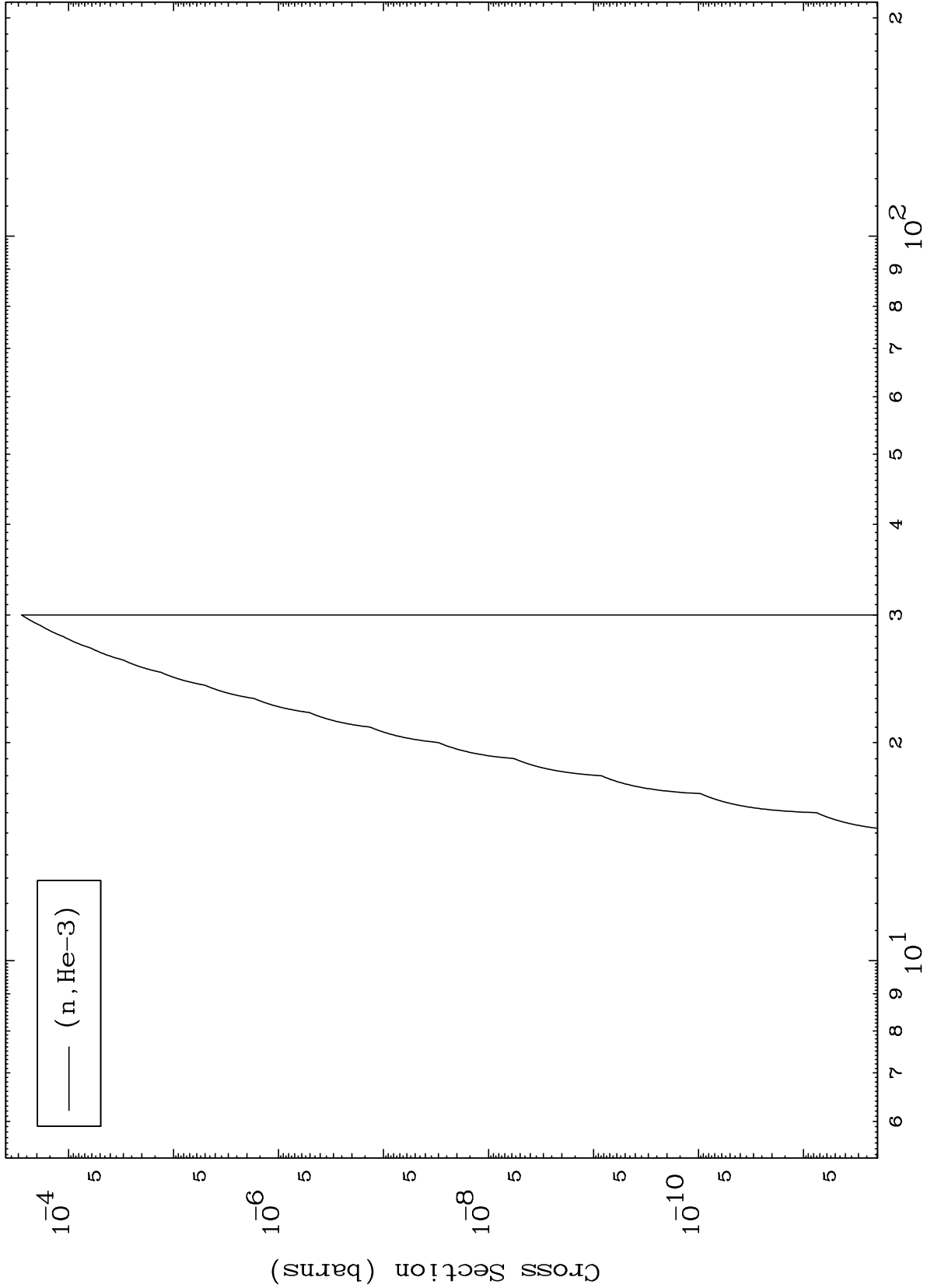


12

Incident Energy (MeV)

77-Ir-191

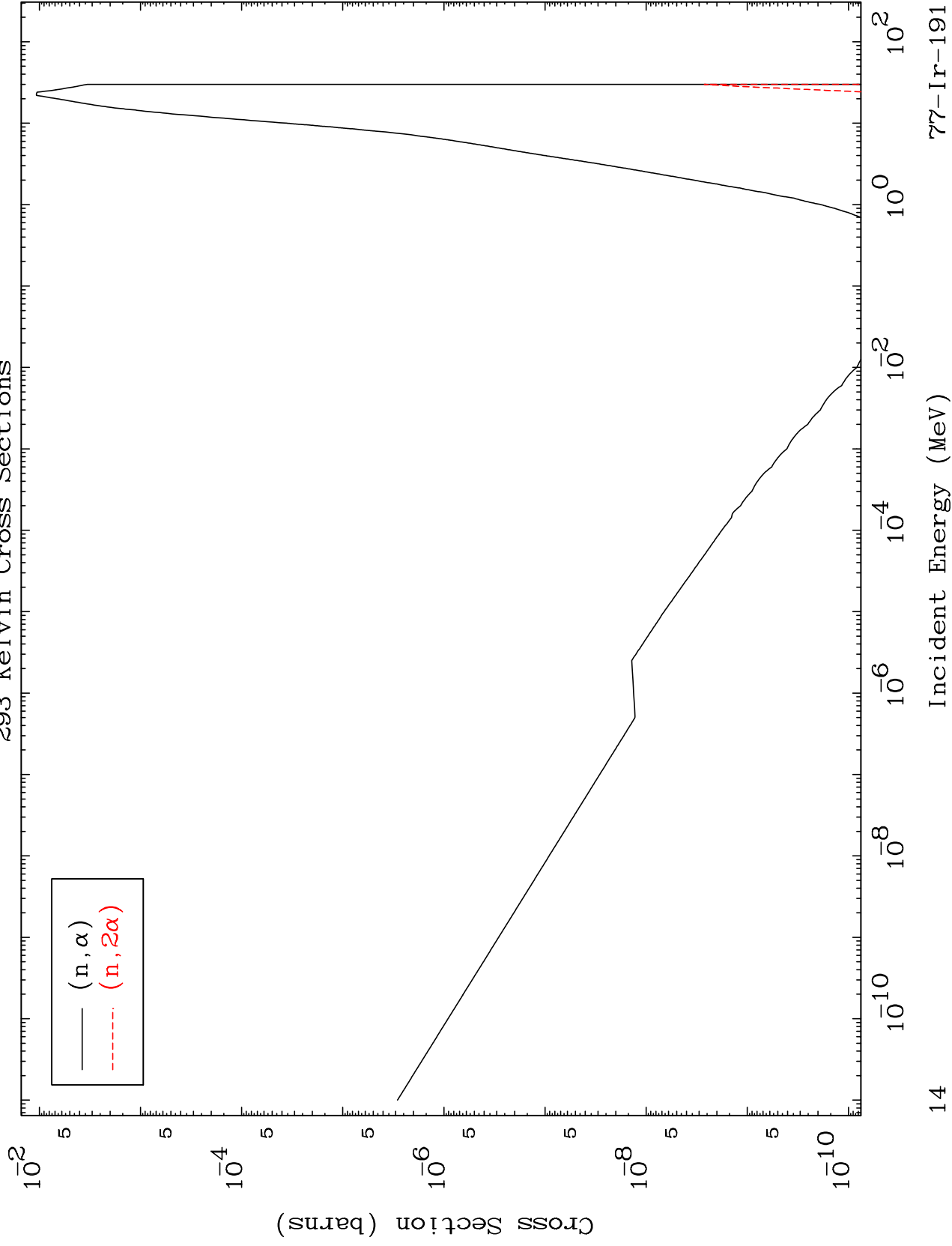
(n,He3) Levels
293 Kelvin Cross Sections

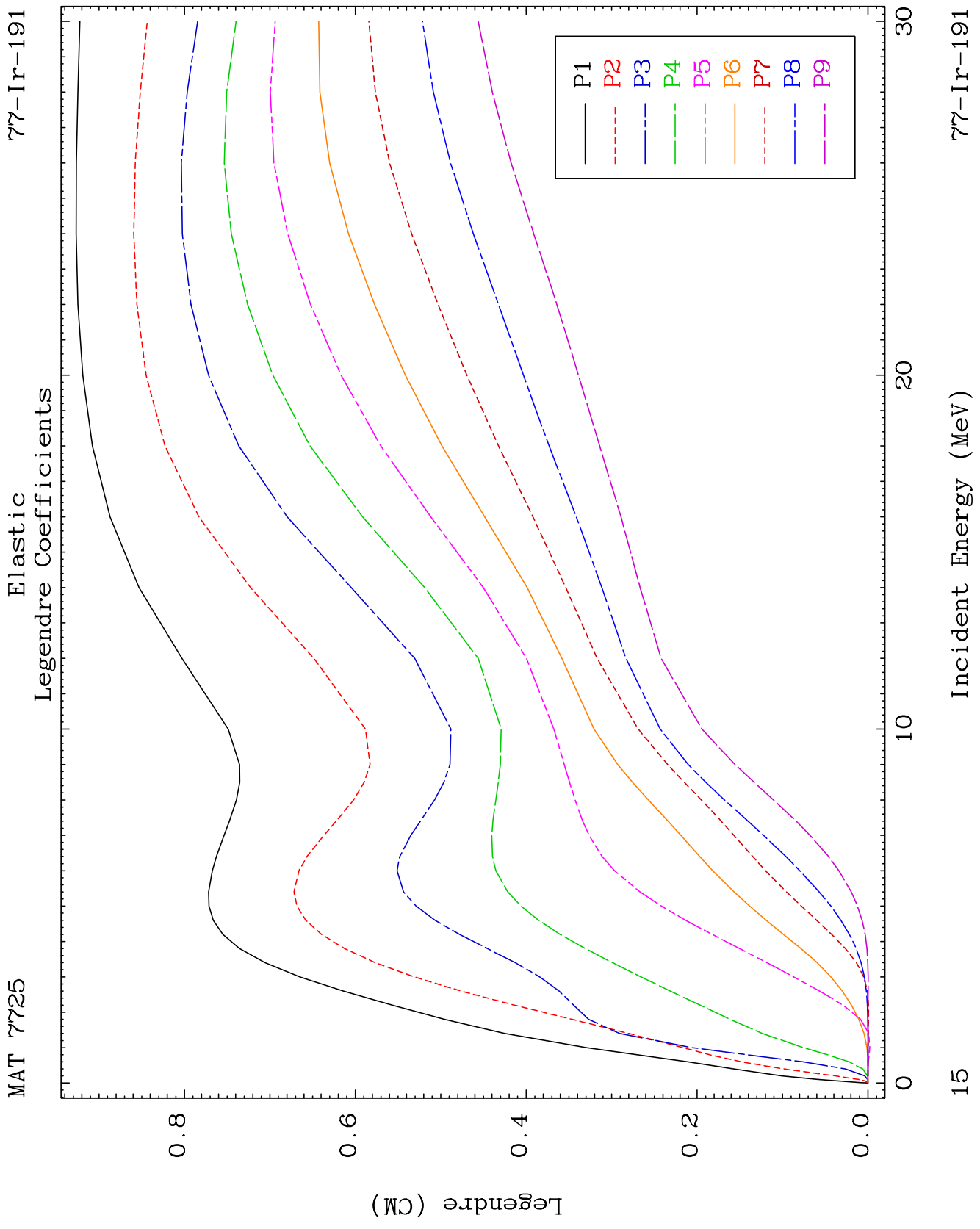


MAT 7725

(n, α) Levels
293 Kelvin Cross Sections

77-Ir-191

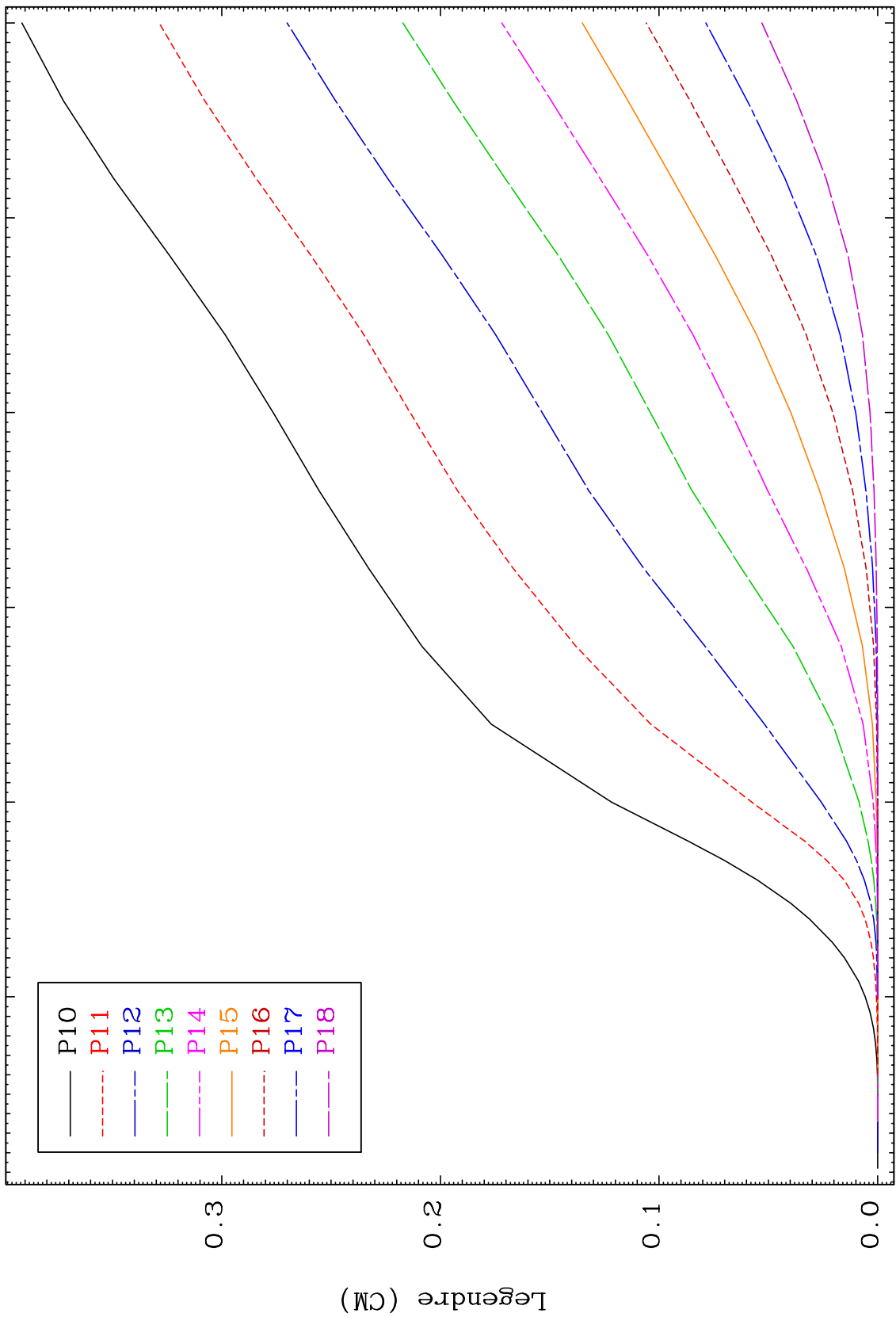




MAT 7725

Elastic Legendre Coefficients

⁷⁷Ir-191



16

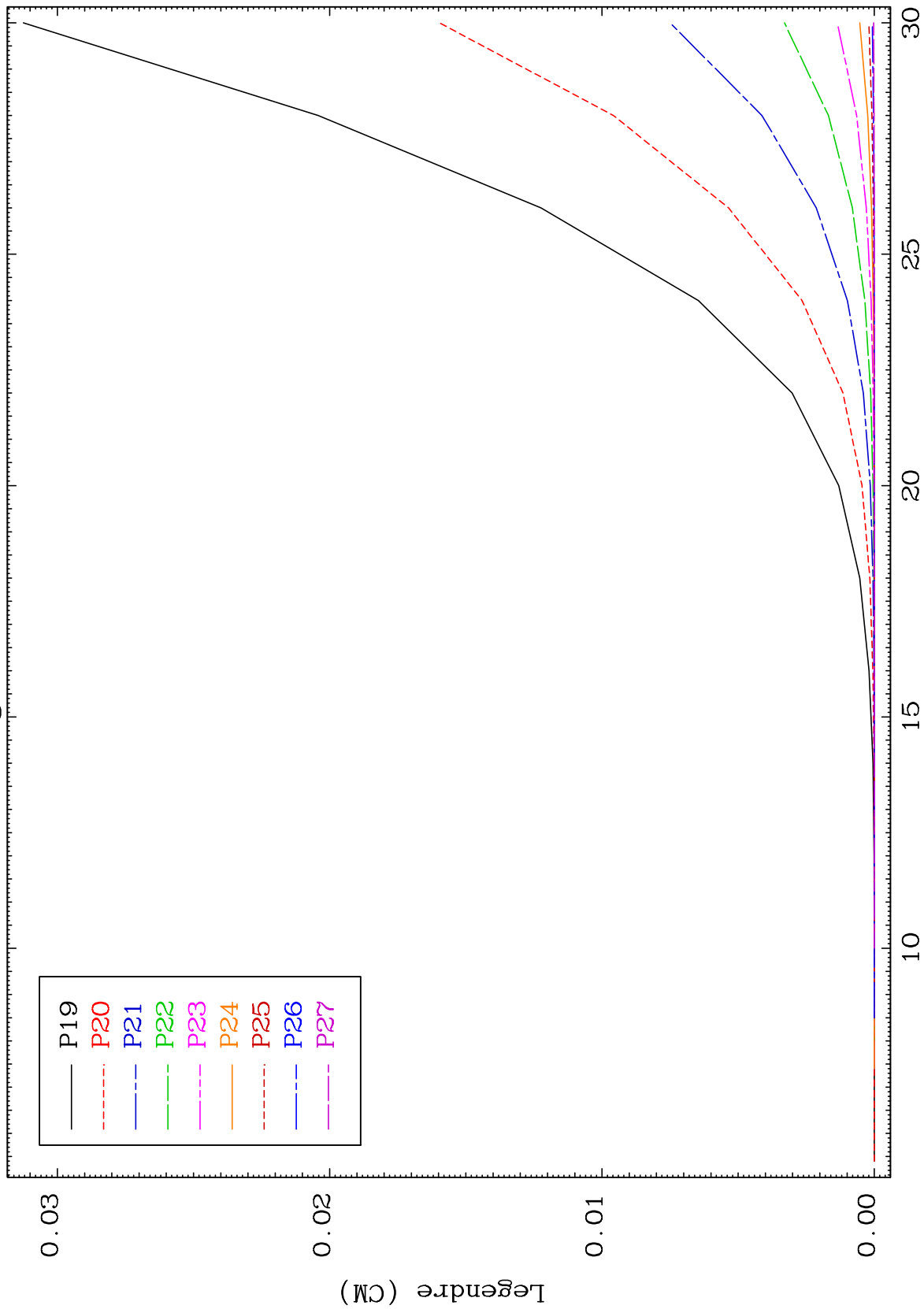
Incident Energy (MeV)

⁷⁷Ir-191

MAT 7725

Elastic Legendre Coefficients

77-Ir-191



17

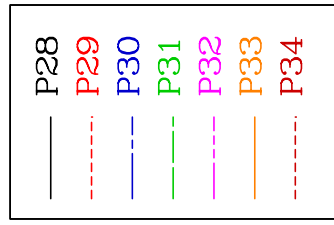
Incident Energy (MeV)

77-Ir-191

MAT 7725

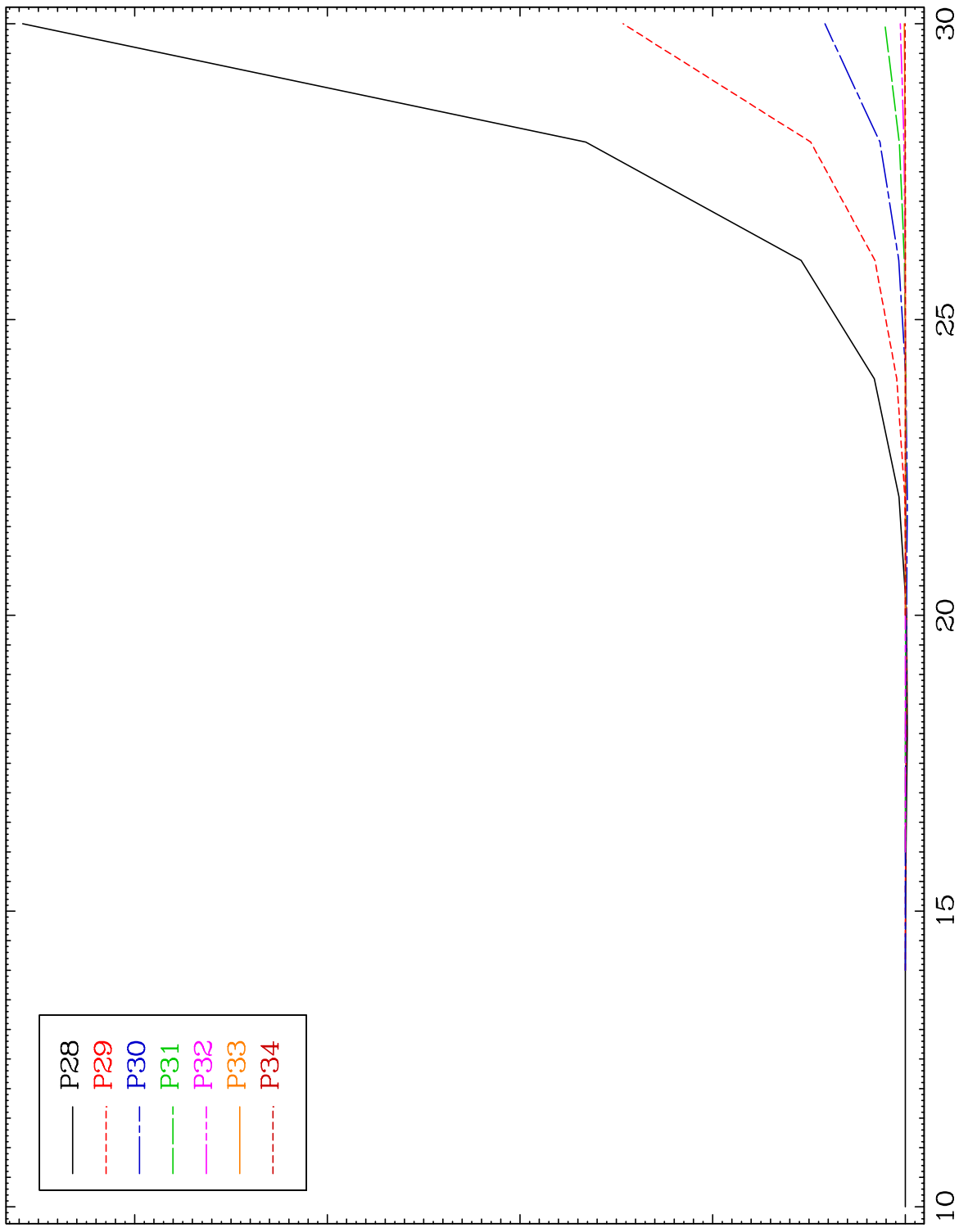
Elastic
Legendre Coefficients

77-Ir-191



$\times 10^{-6}$

Legendre (CM)



10

15

20

25

30

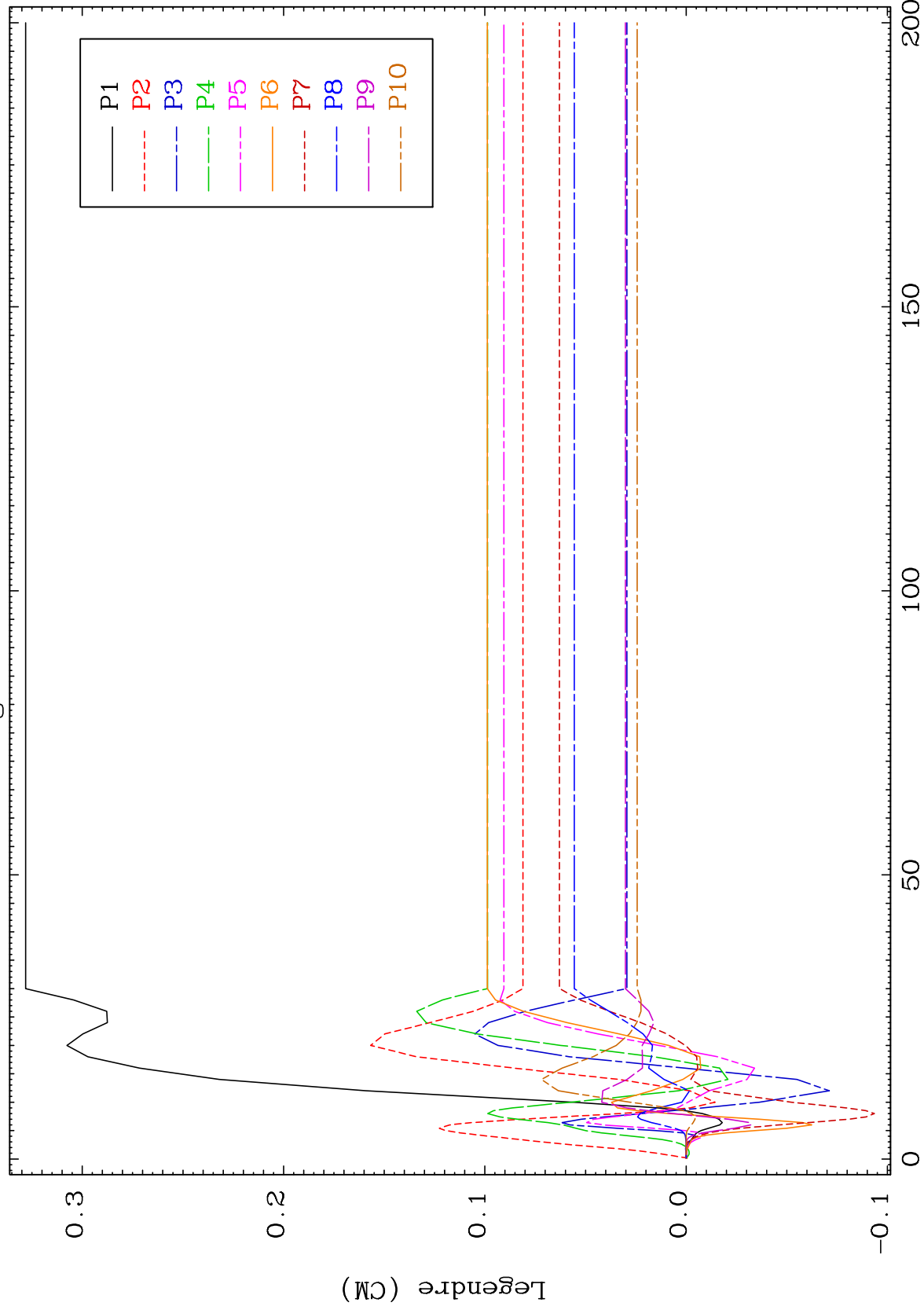
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

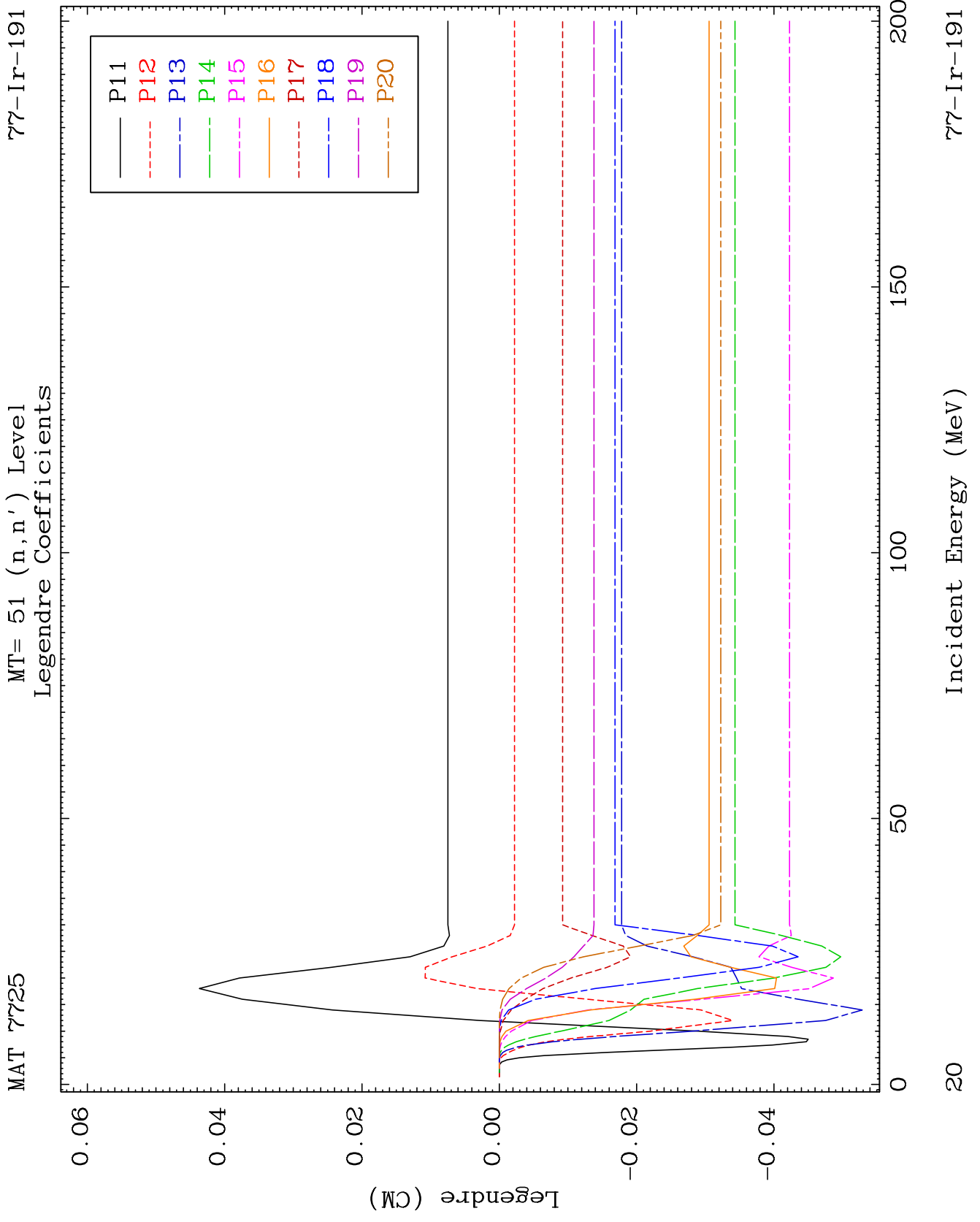
77-Ir-191



19

Incident Energy (MeV)

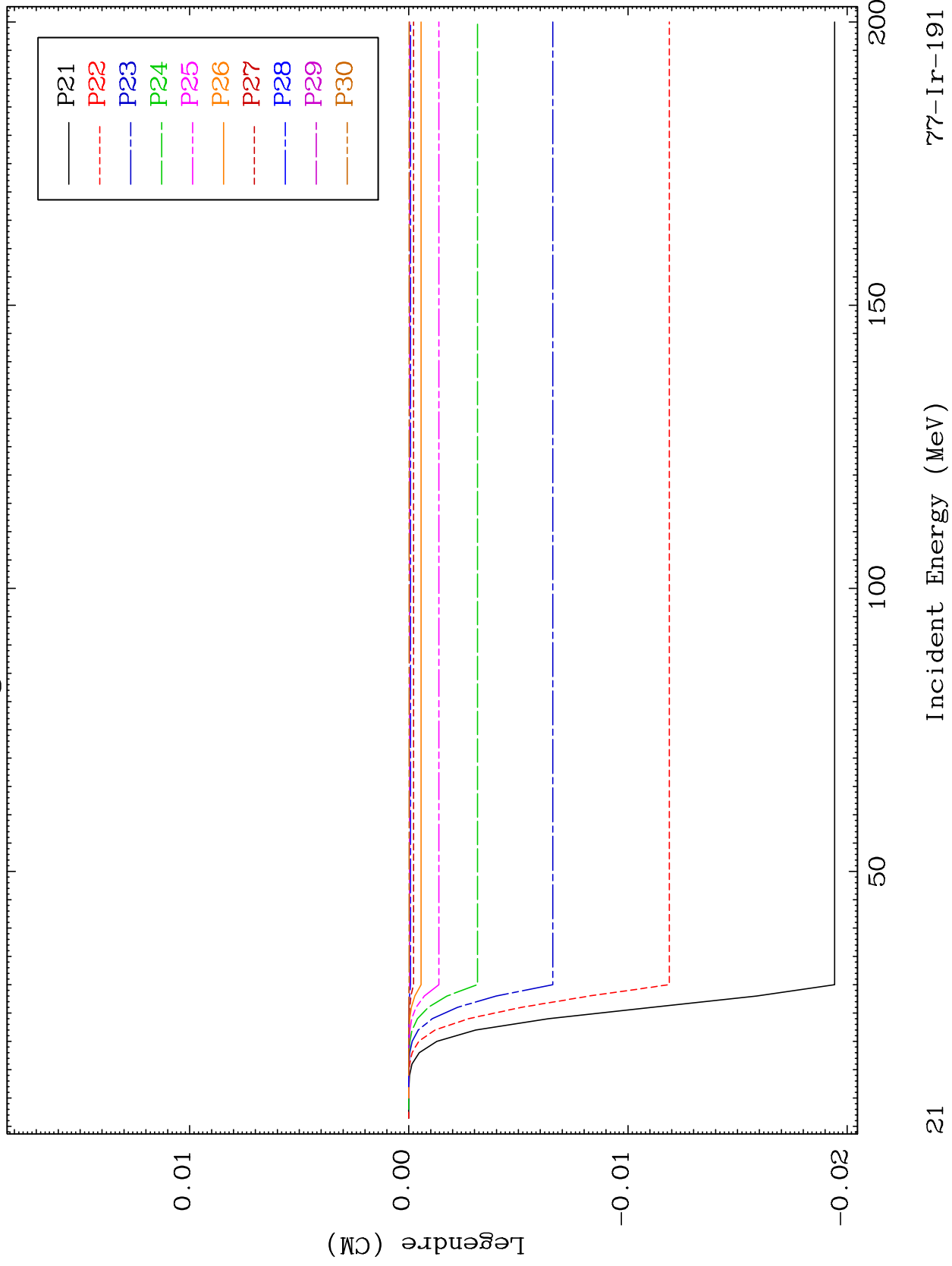
77-Ir-191



MAT 7725

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

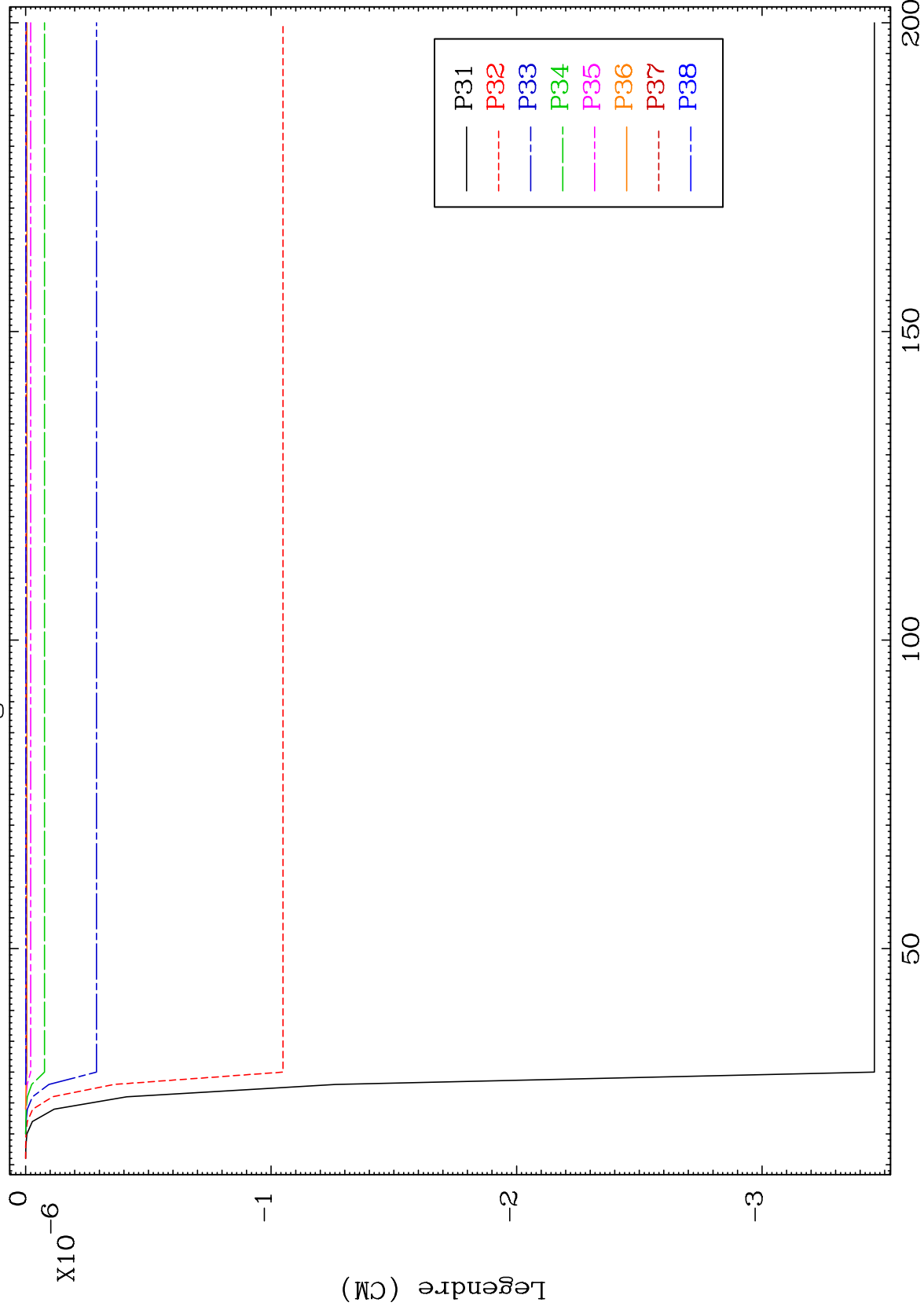
77-Ir-191



21

Incident Energy (MeV)

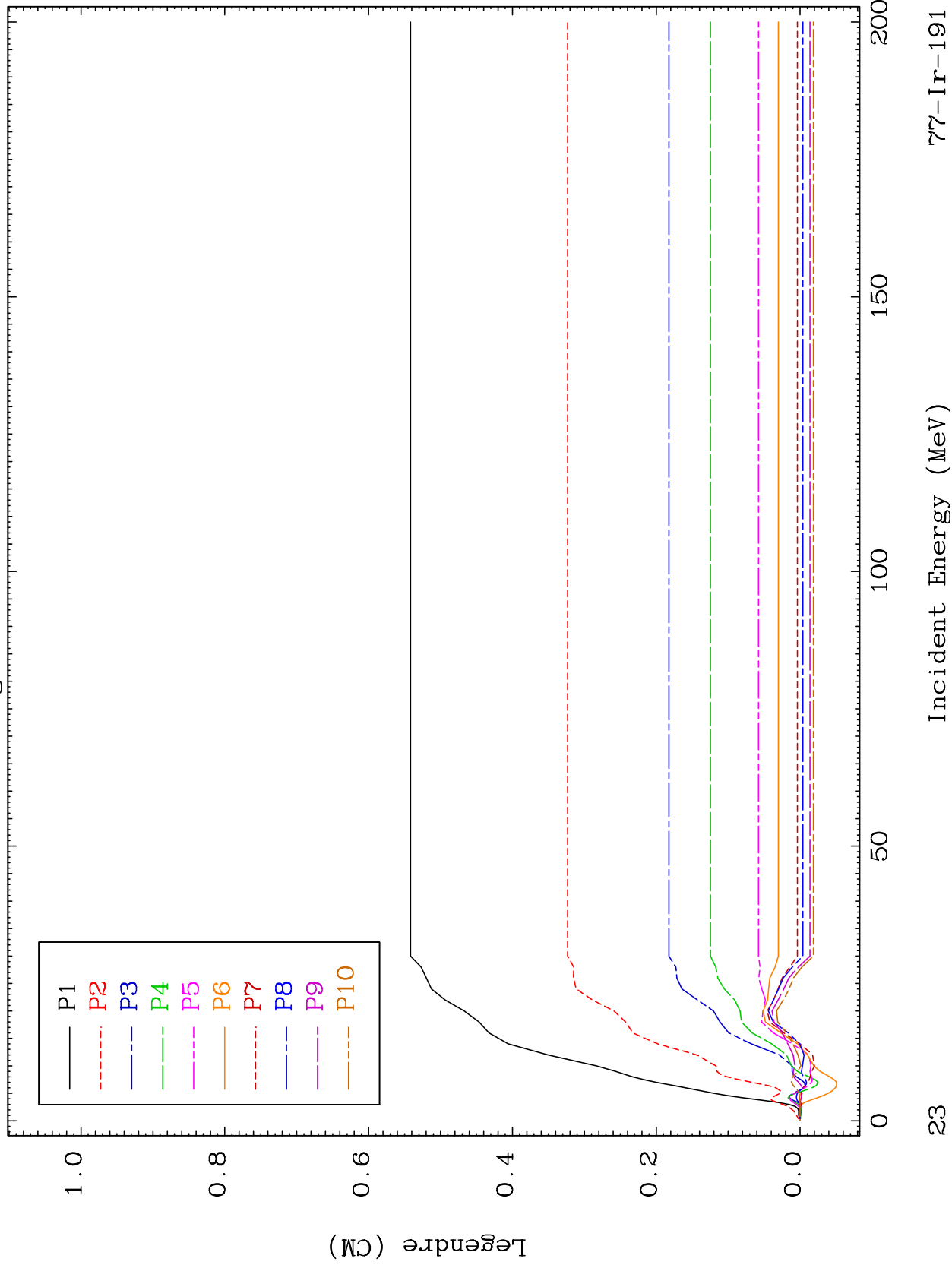
77-Ir-191



MAT 7725

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

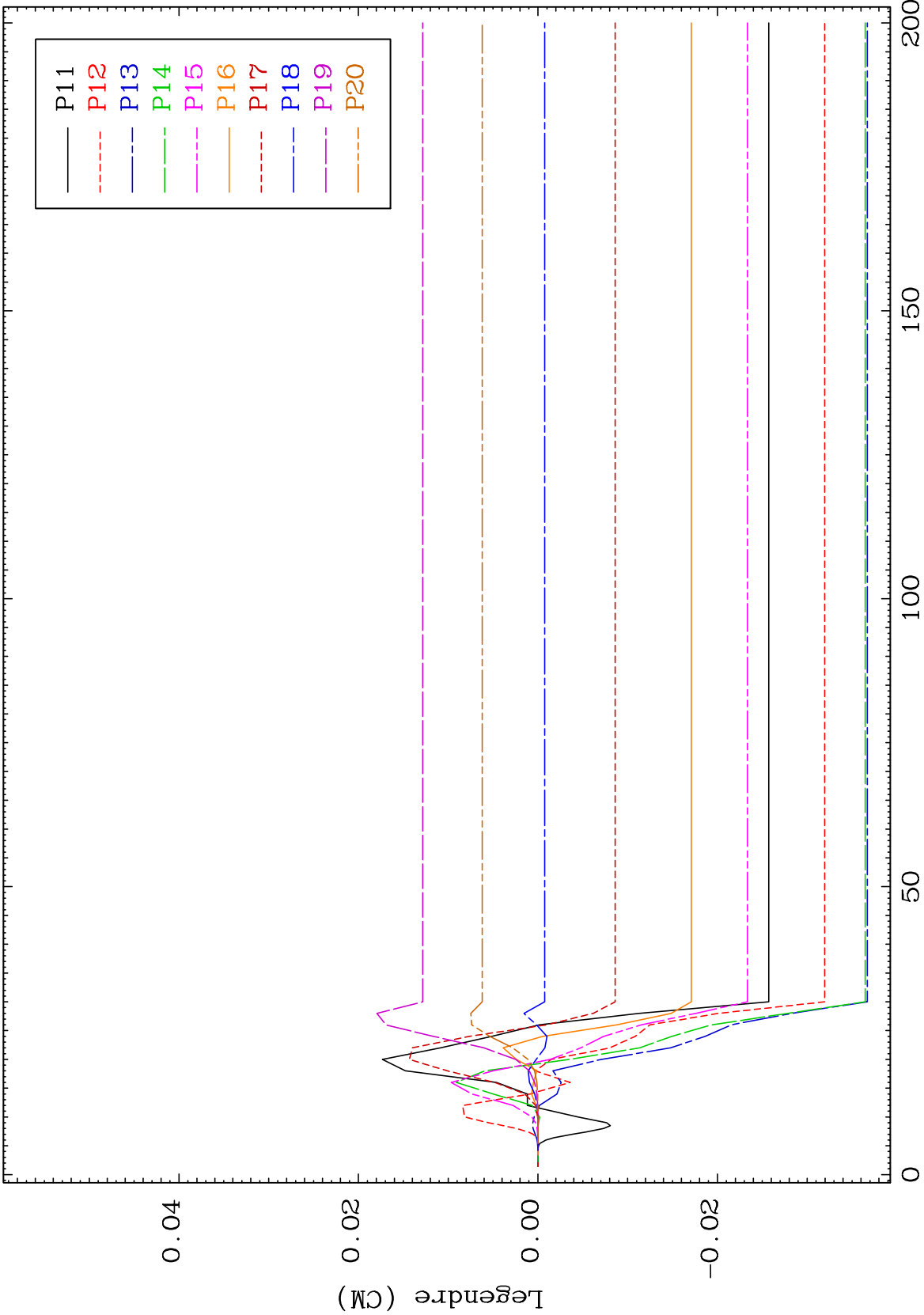
77-Ir-191



MAT 7725

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

77-Ir-191



24

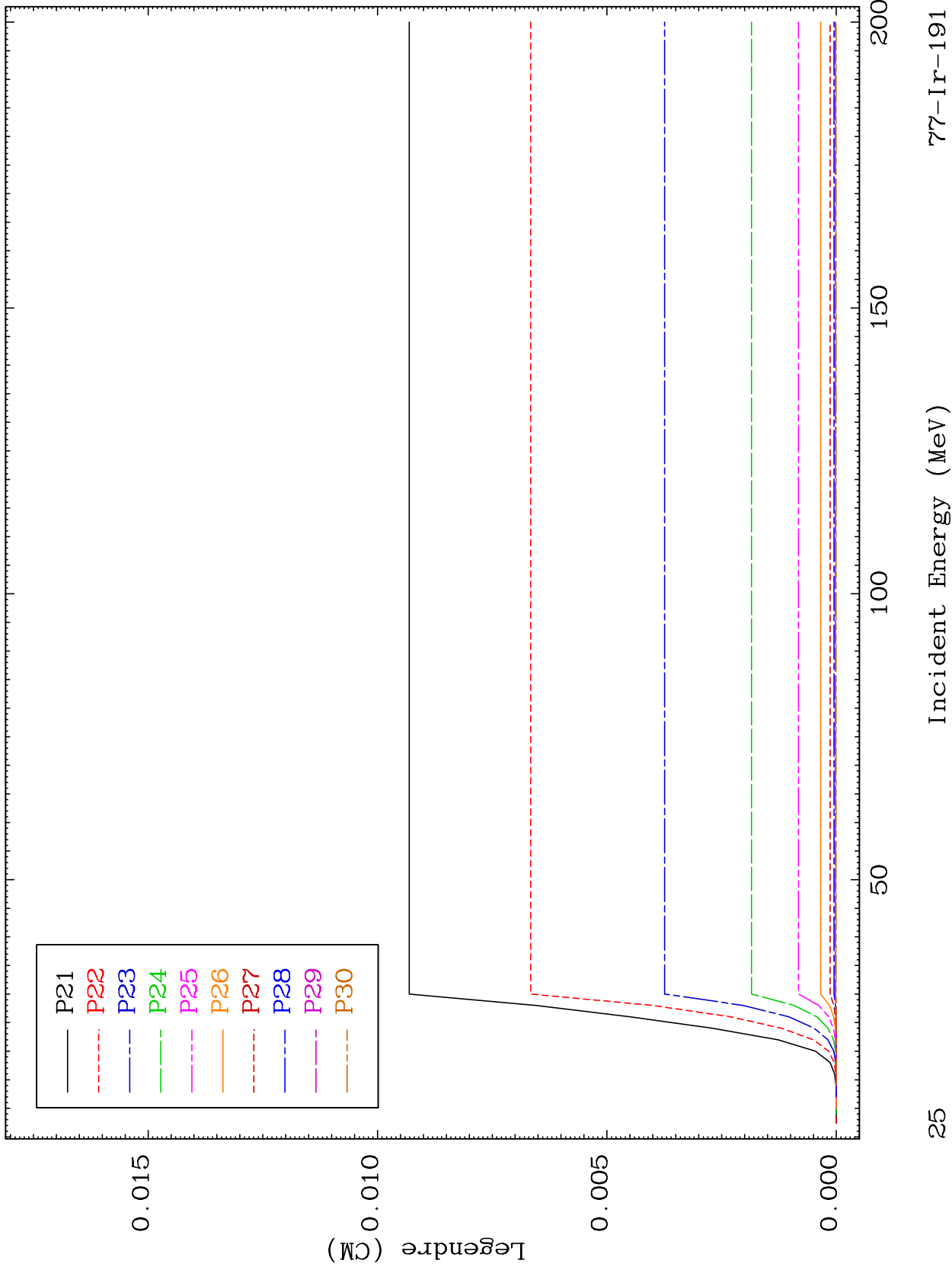
Incident Energy (MeV)

77-Ir-191

MAT 7725

77-Ir-191

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



77-Ir-191

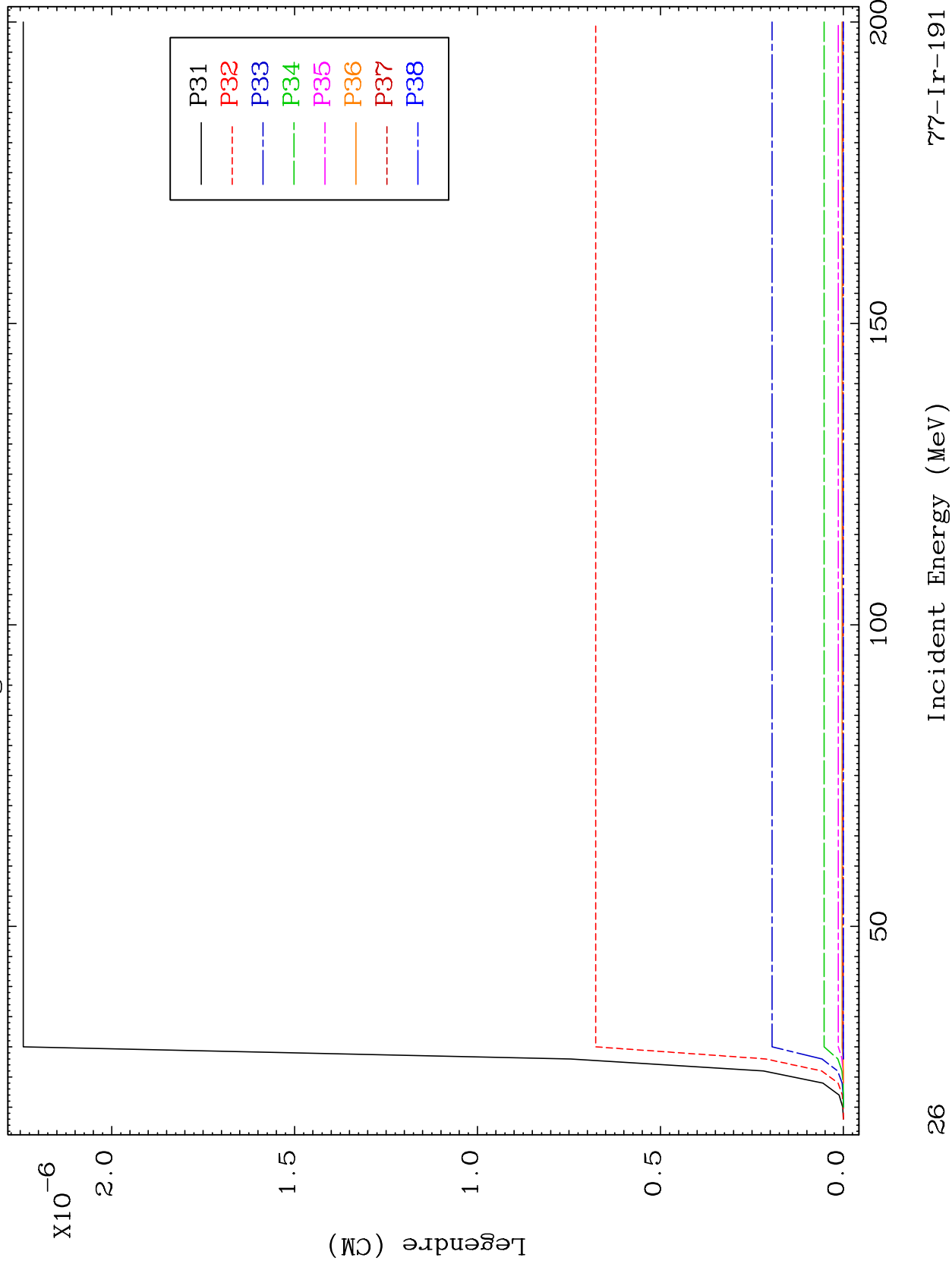
Incident Energy (MeV)

25

MAT 7725

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

77-Ir-191



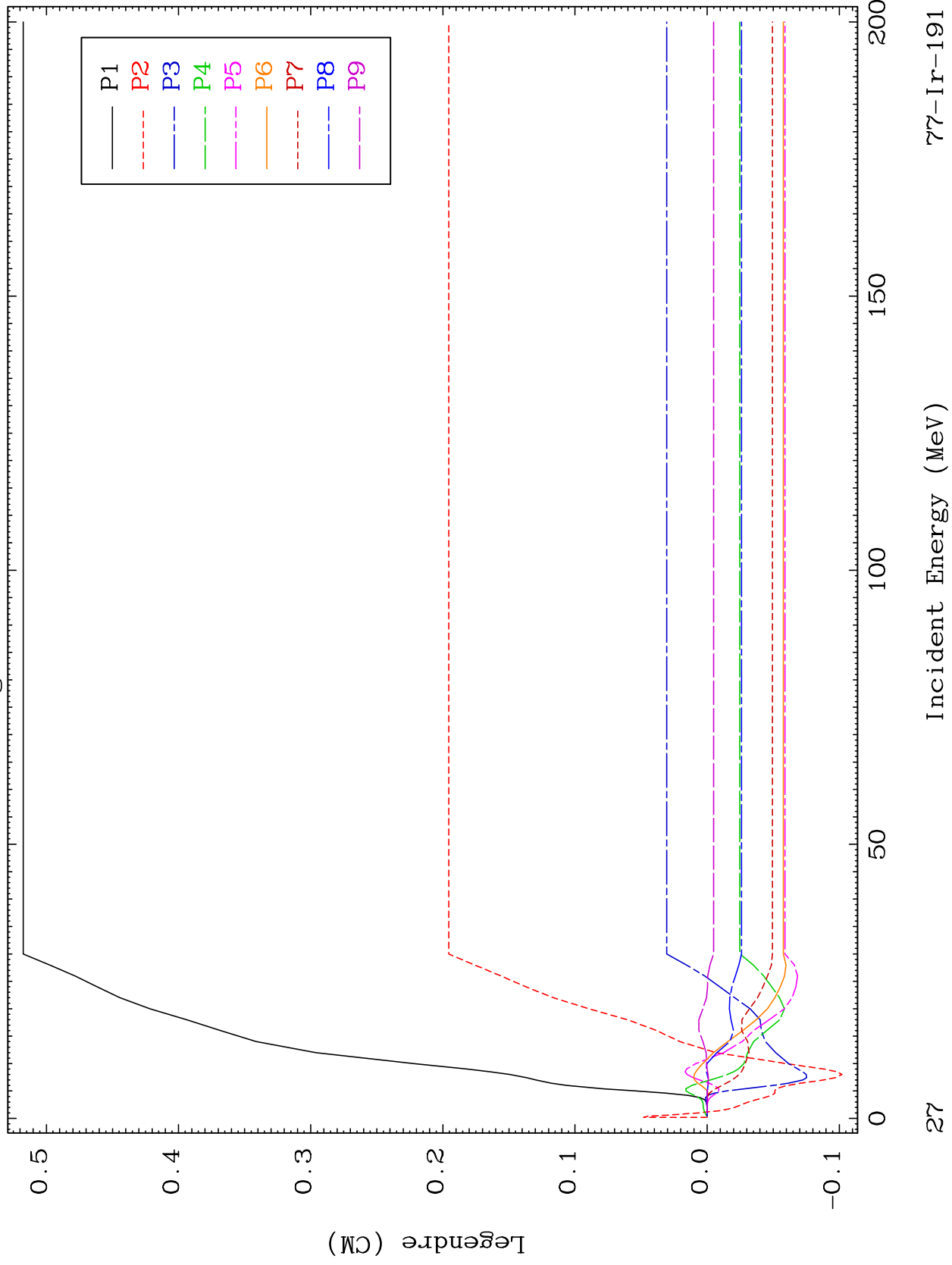
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77-Ir-191

MAT 7725

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

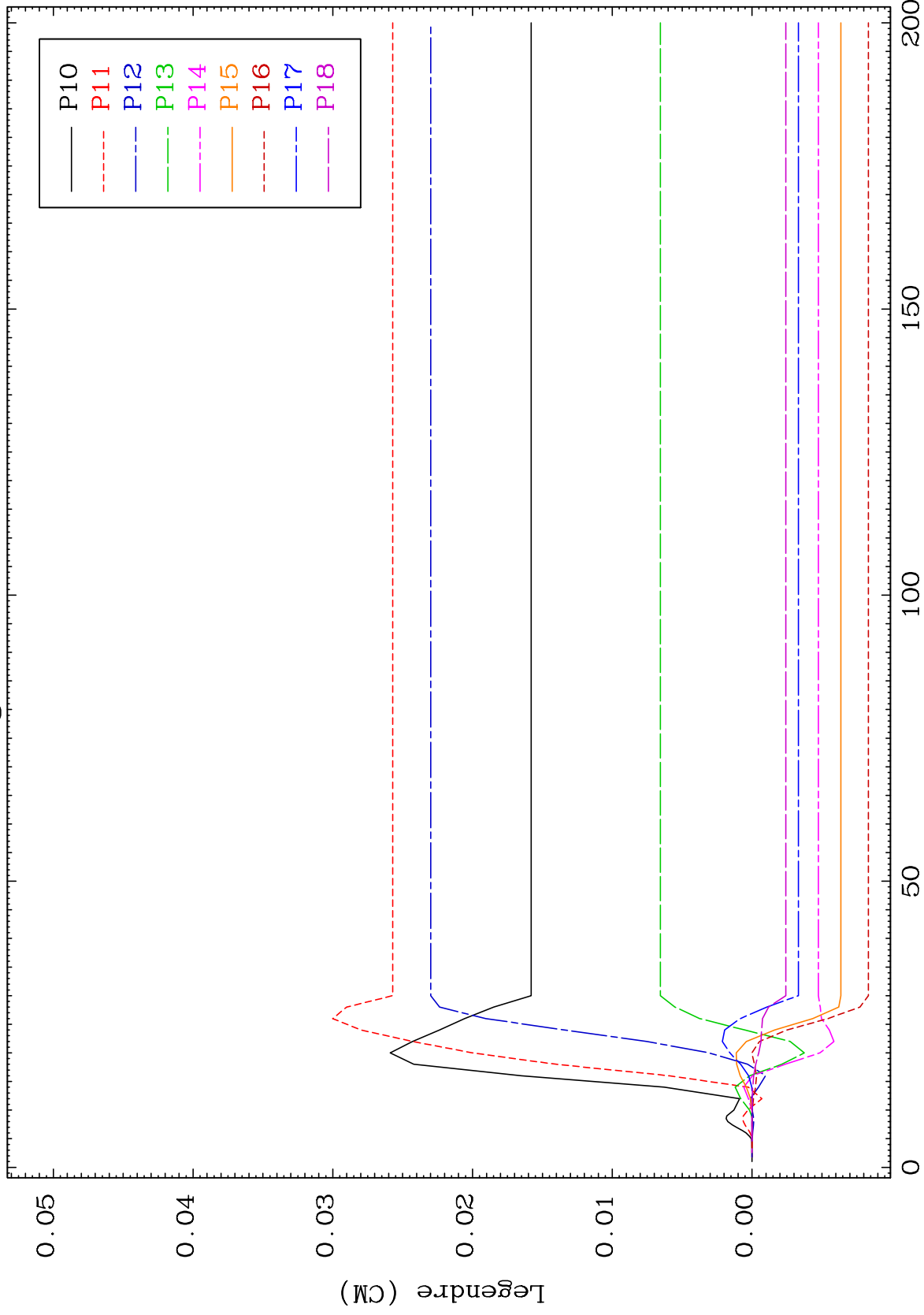
77-Ir-191



MAT 7725

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

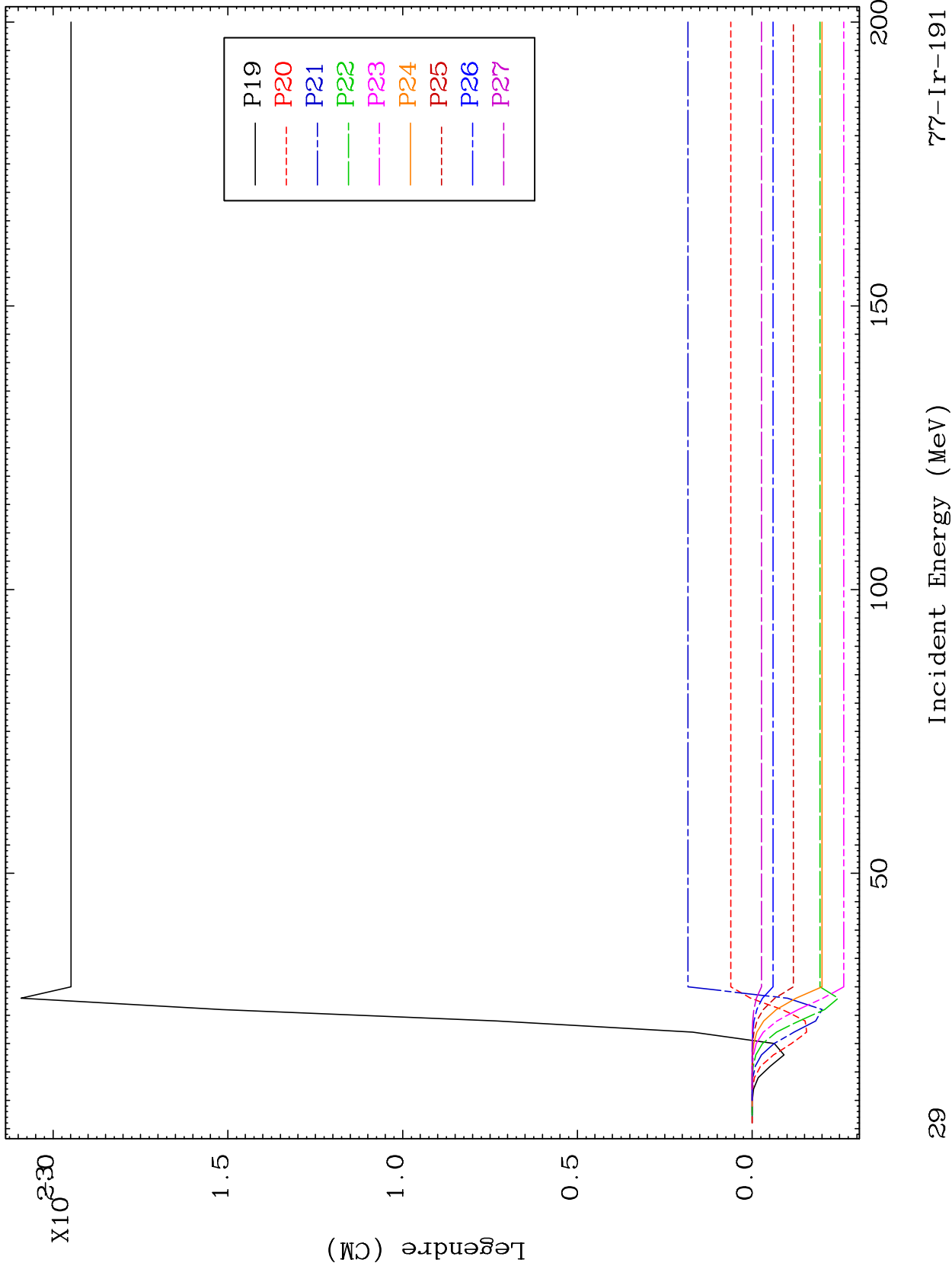
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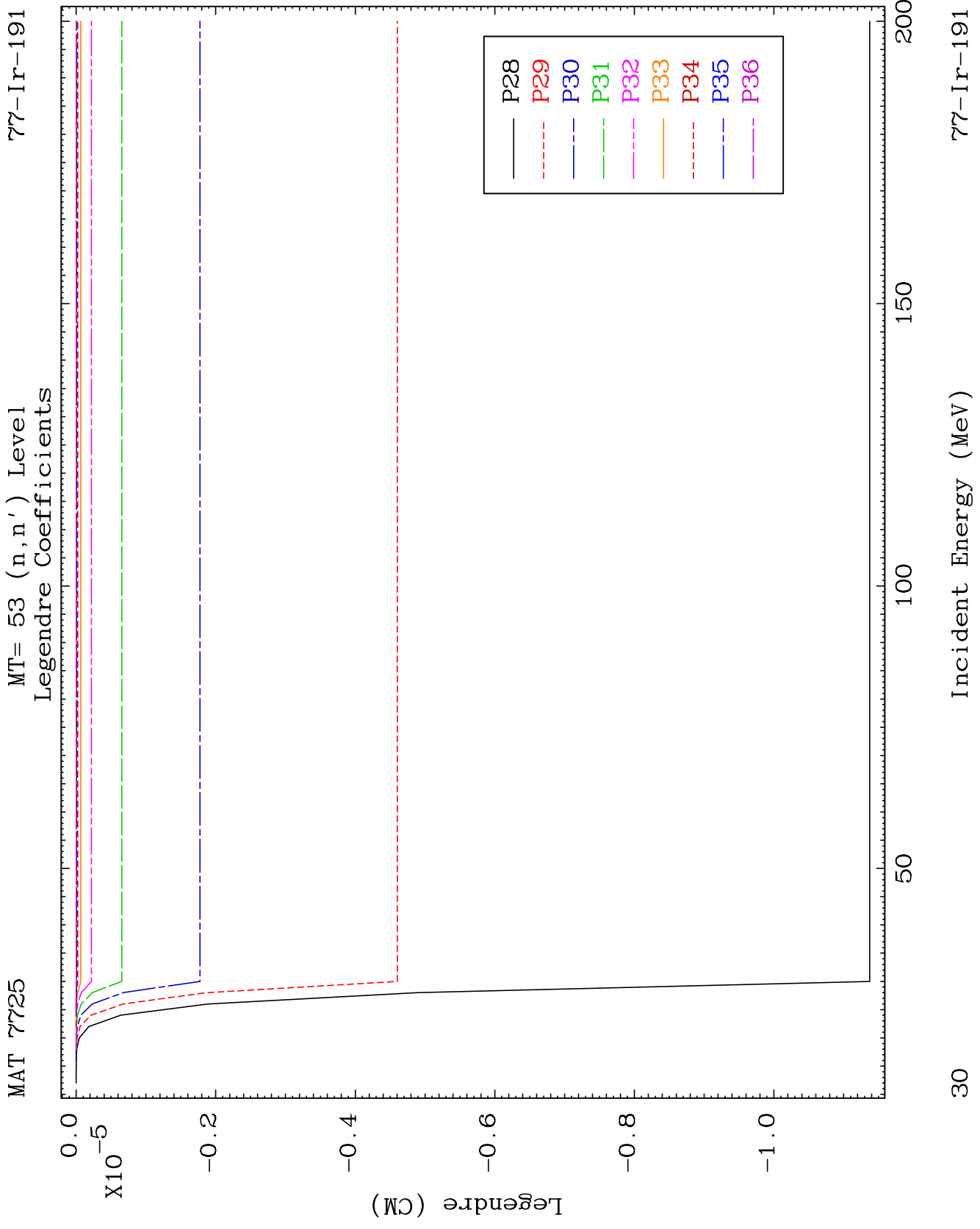


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Incident Energy (MeV)

77-Ir-191

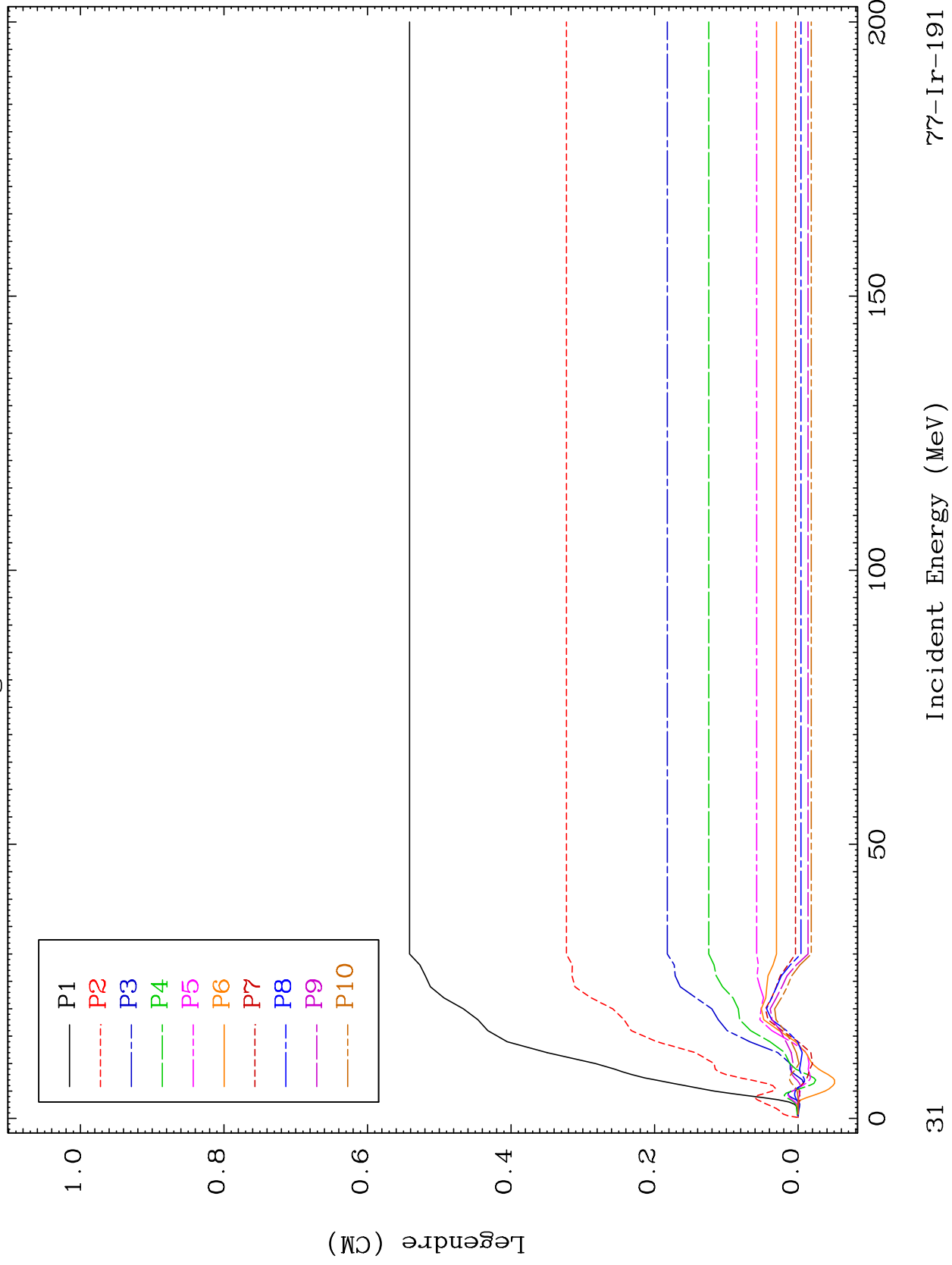




MAT 7725

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

77-Ir-191



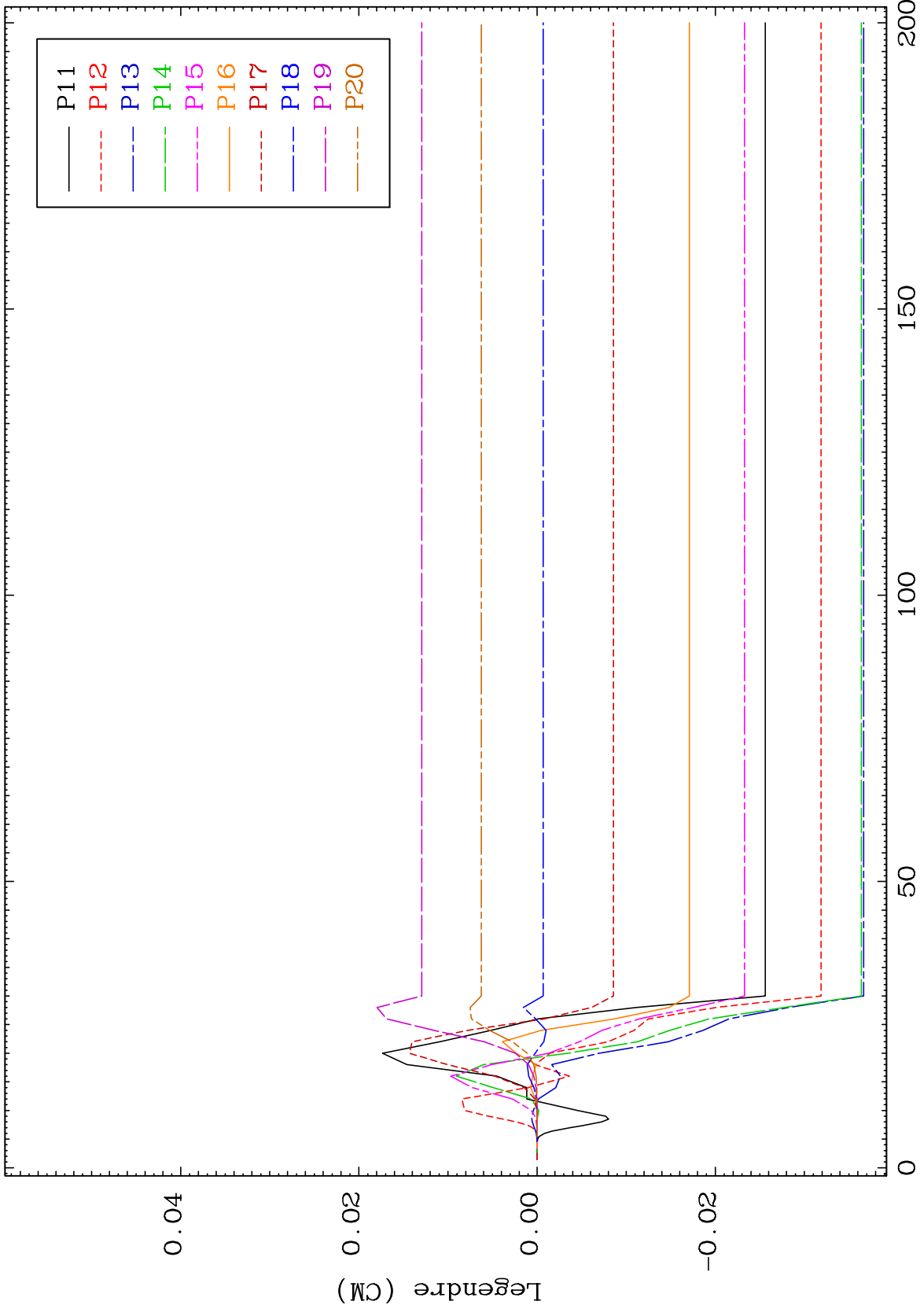
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77-Ir-191

MAT 7725

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

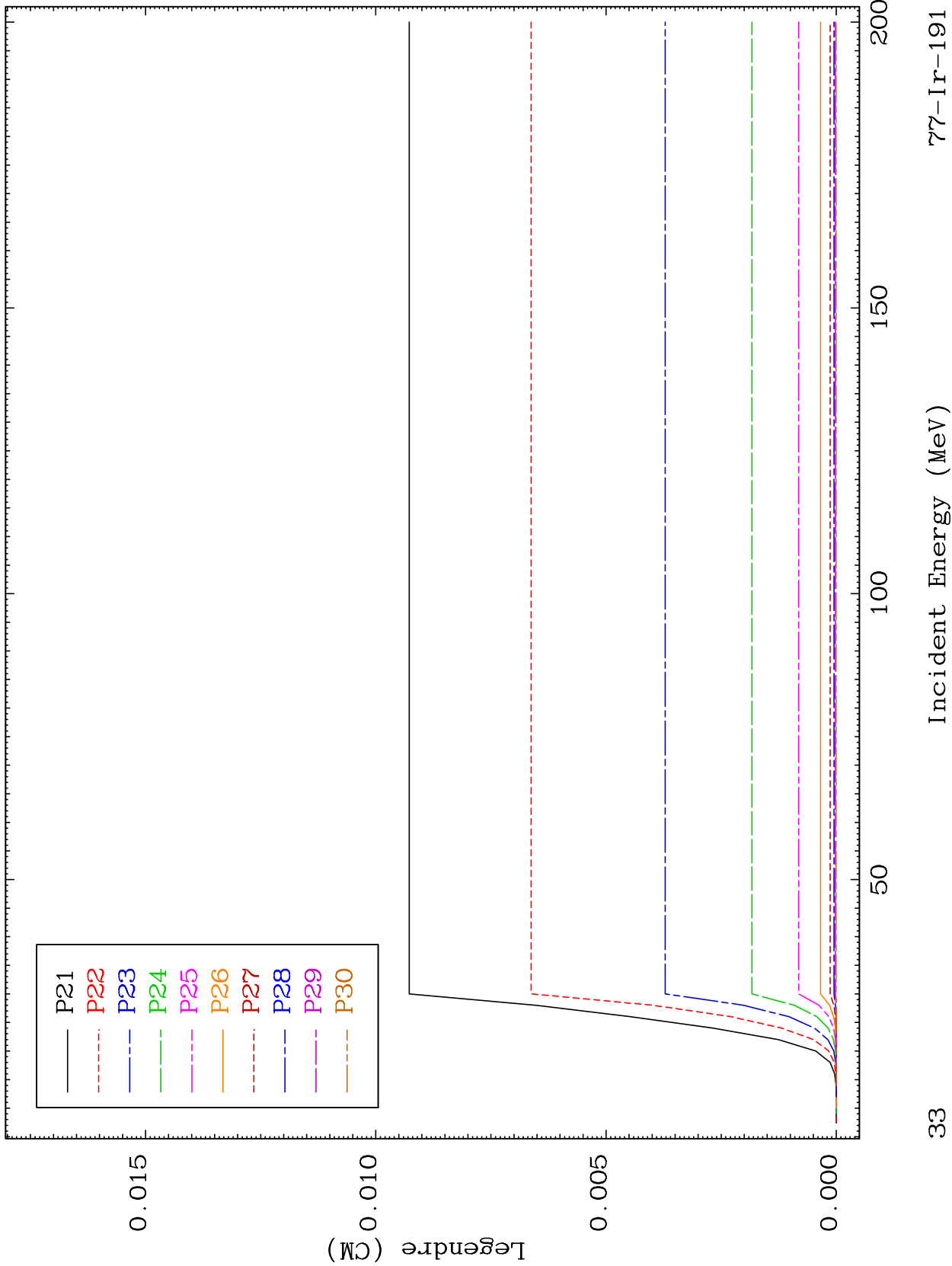
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32

Incident Energy (MeV)

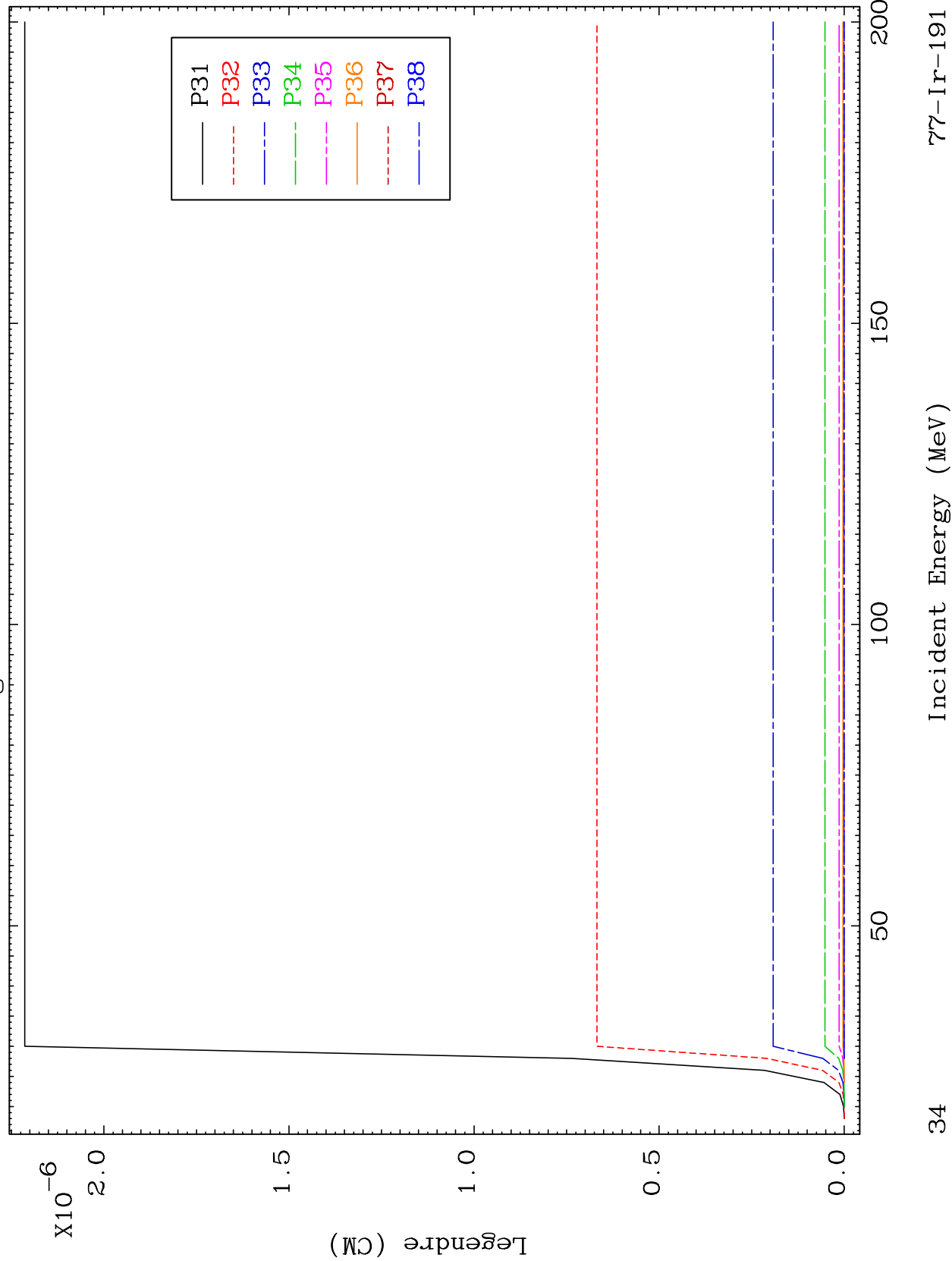
77-Ir-191



MAT 7725

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

77-Ir-191

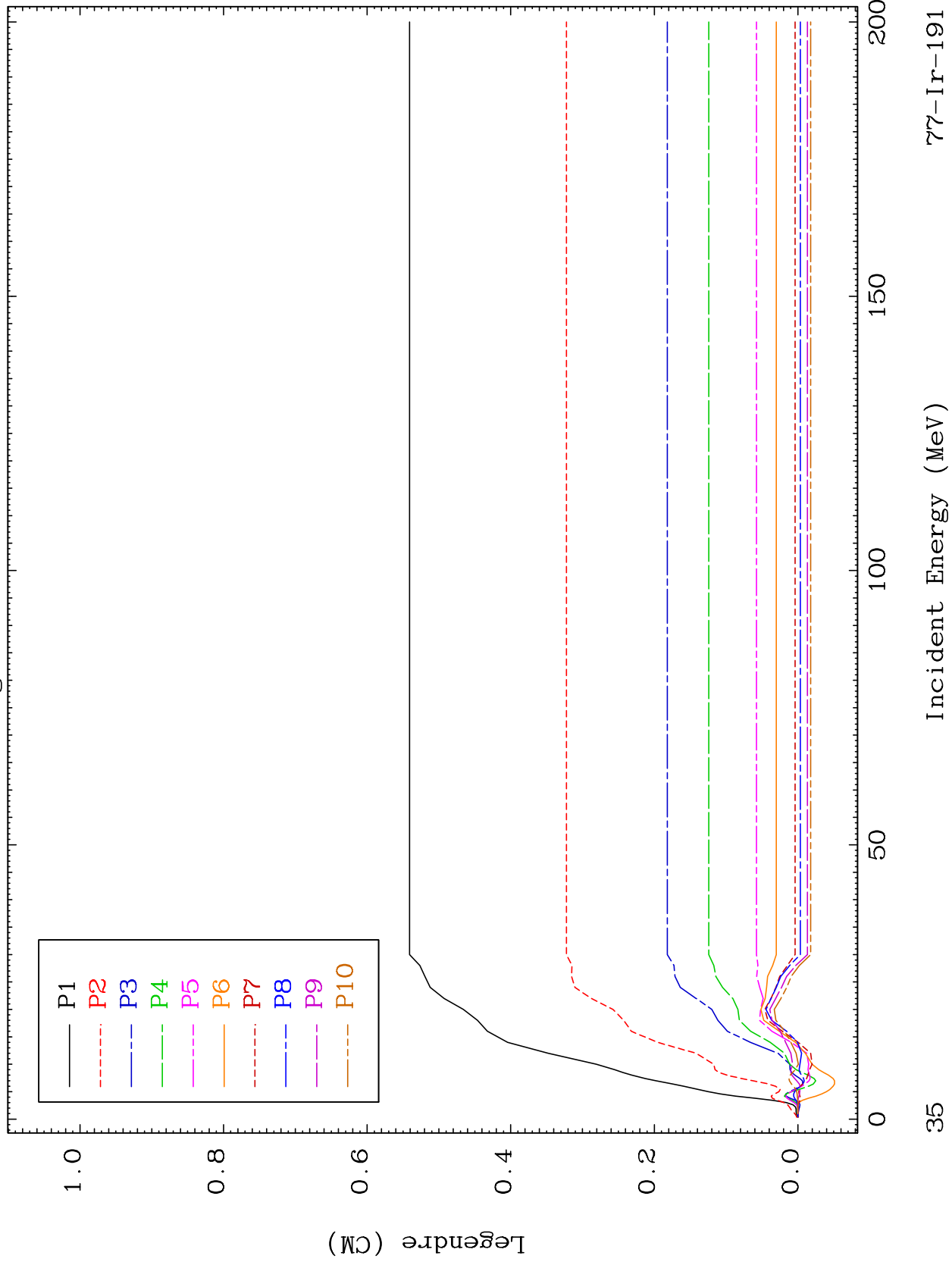


34

MAT 7725

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

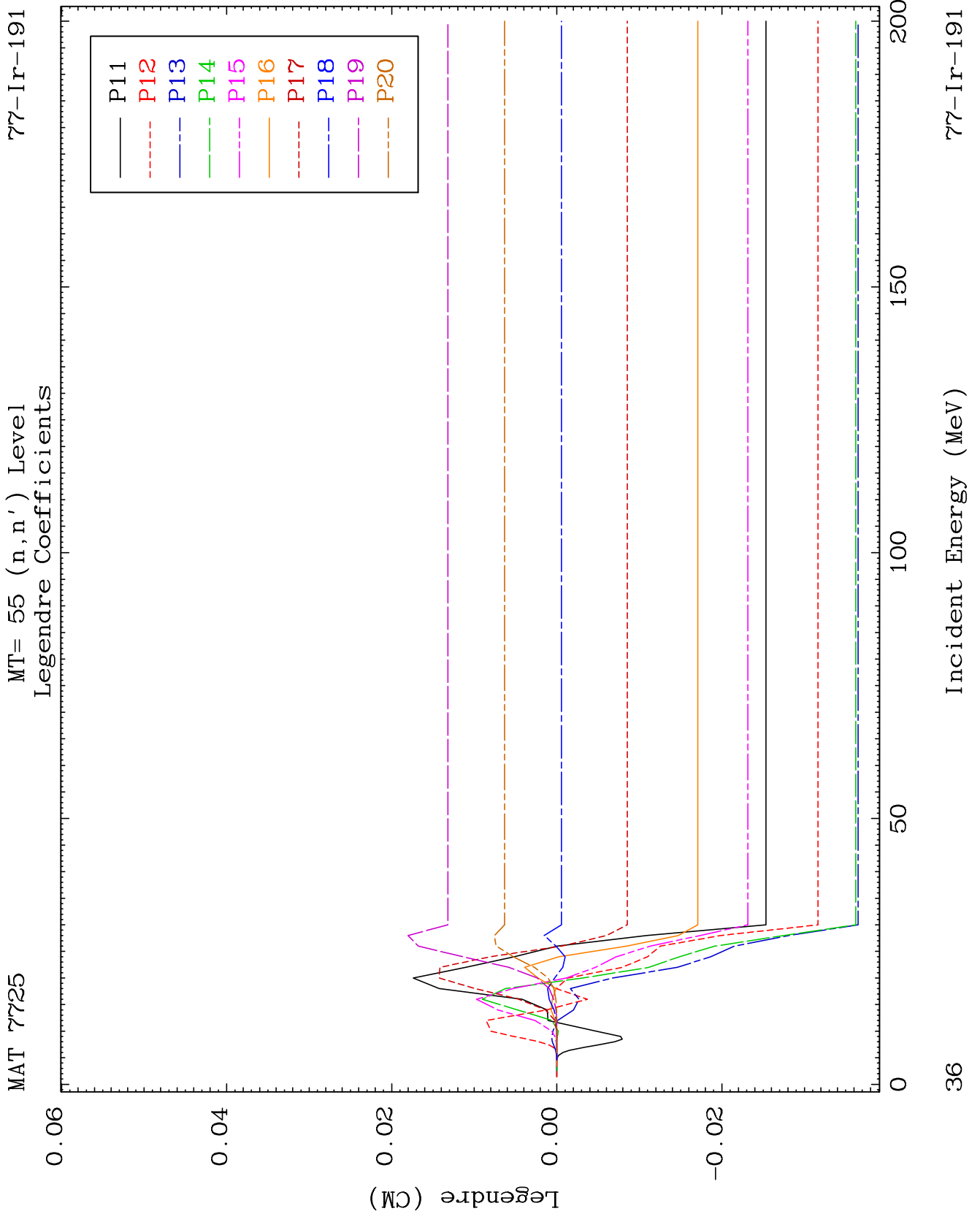
77-Ir-191



35

Incident Energy (MeV)

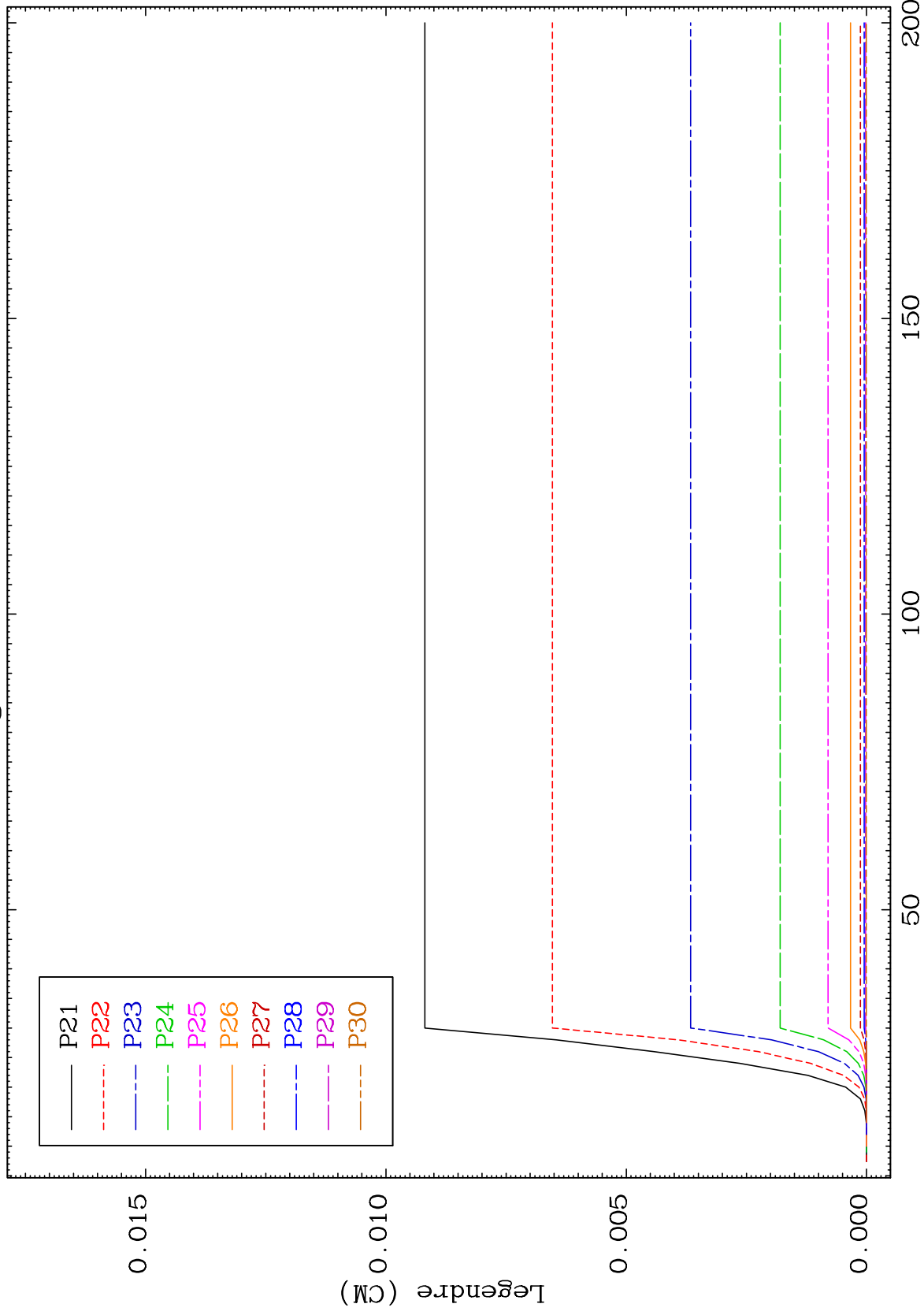
77-Ir-191



MAT 7725

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

77-Ir-191



37

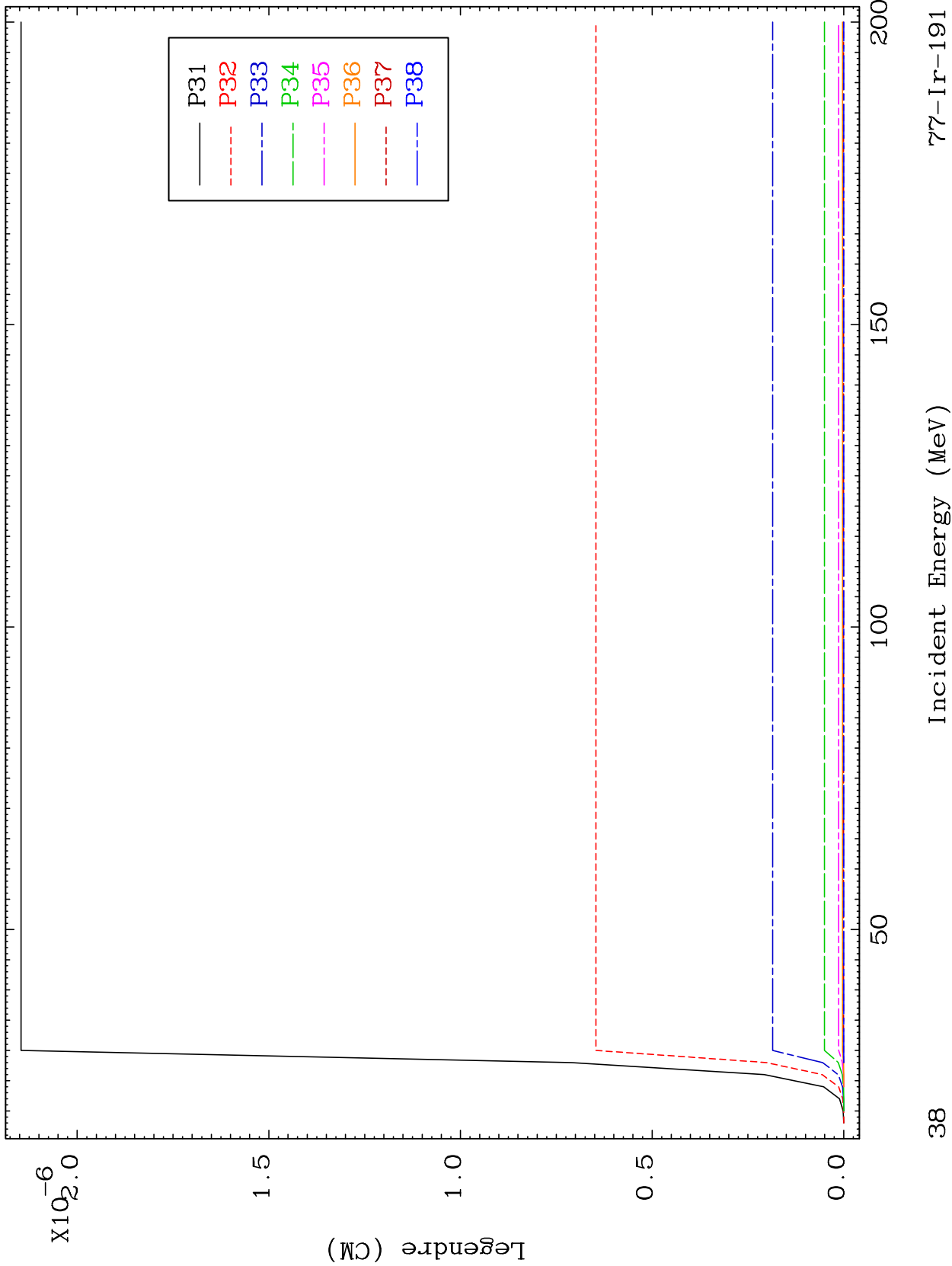
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



38

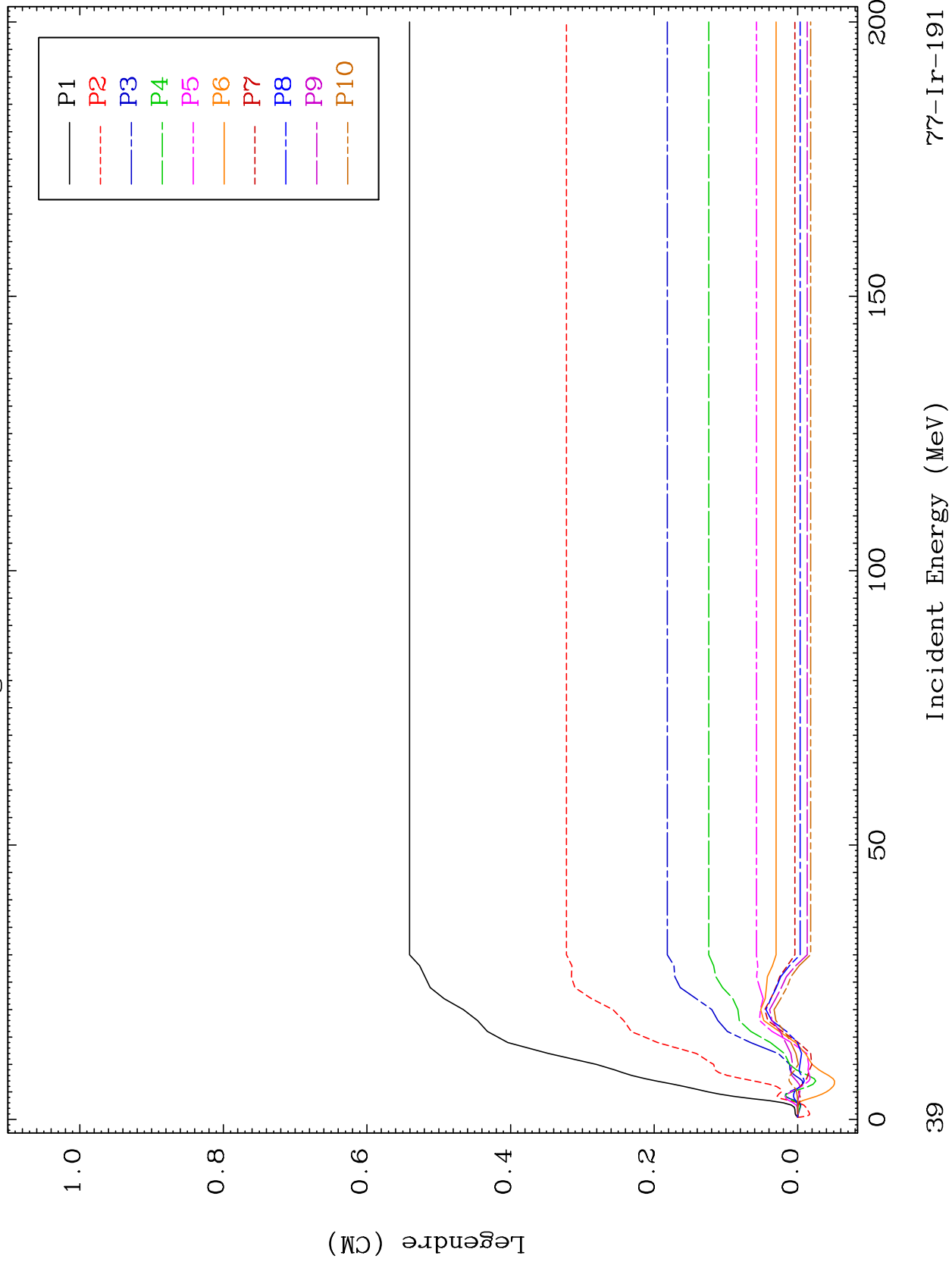
Incident Energy (MeV)

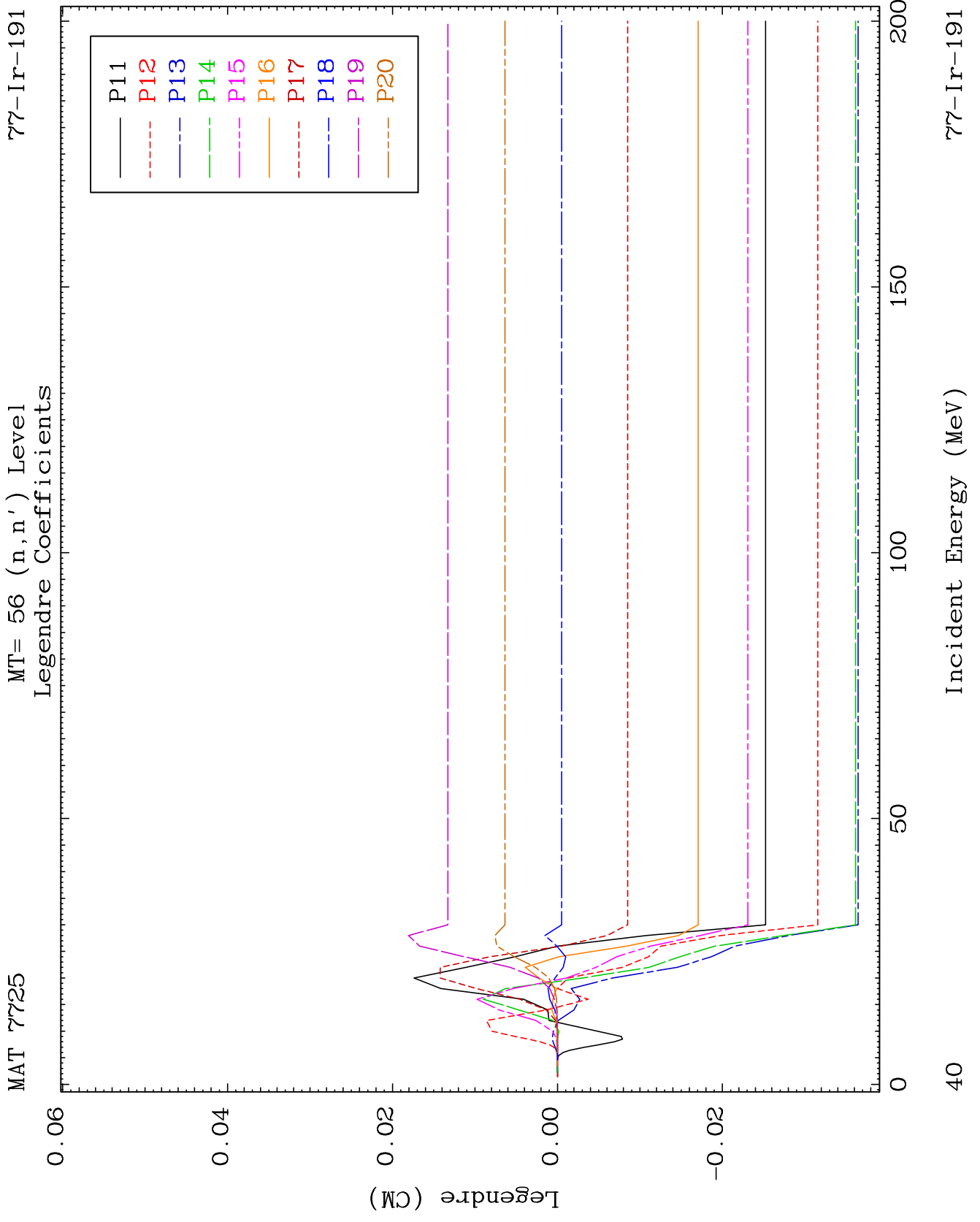
77-Ir-191

MAT 7725

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

77-Ir-191

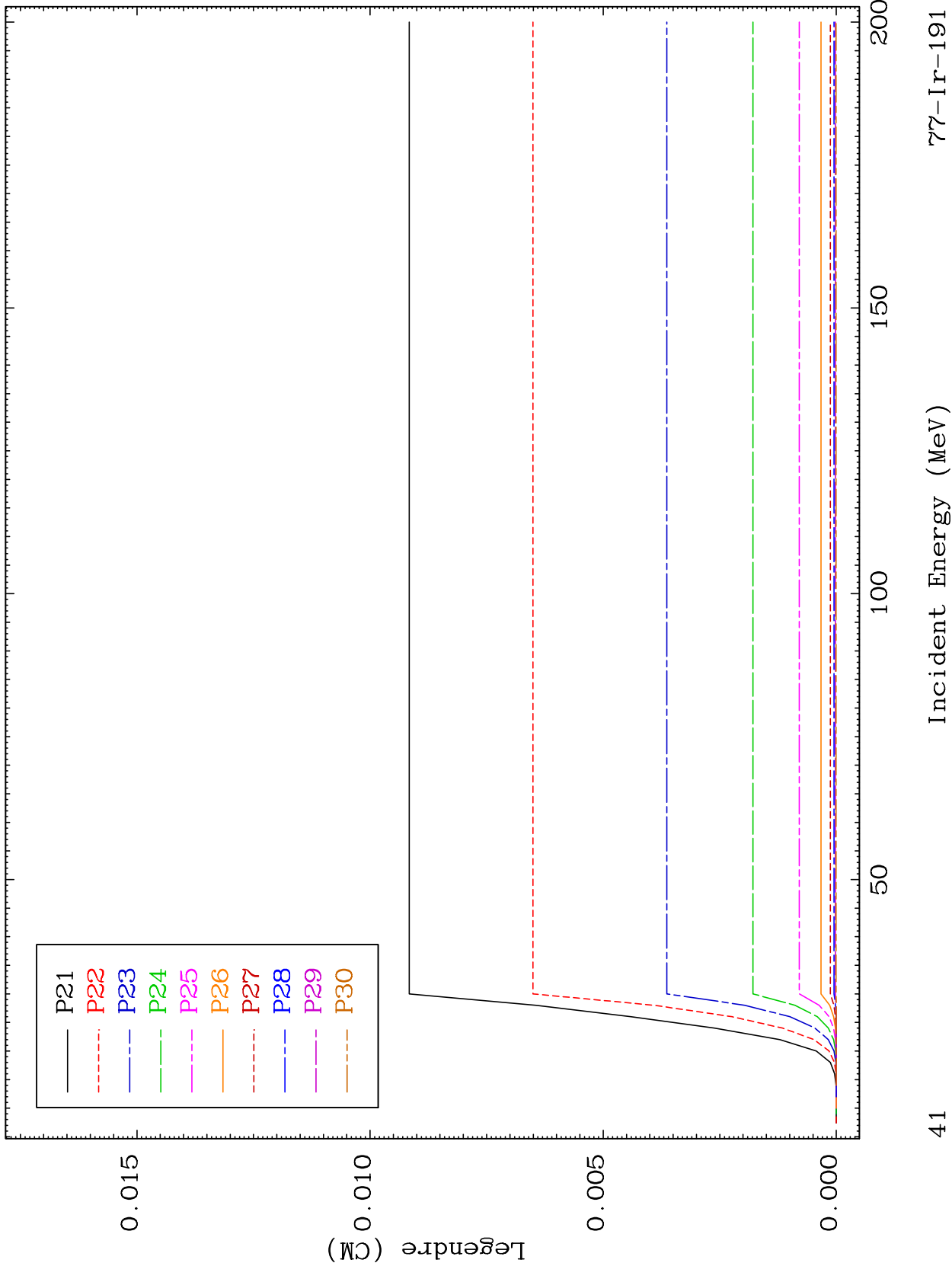




MAT 7725

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

77-Ir-191



41

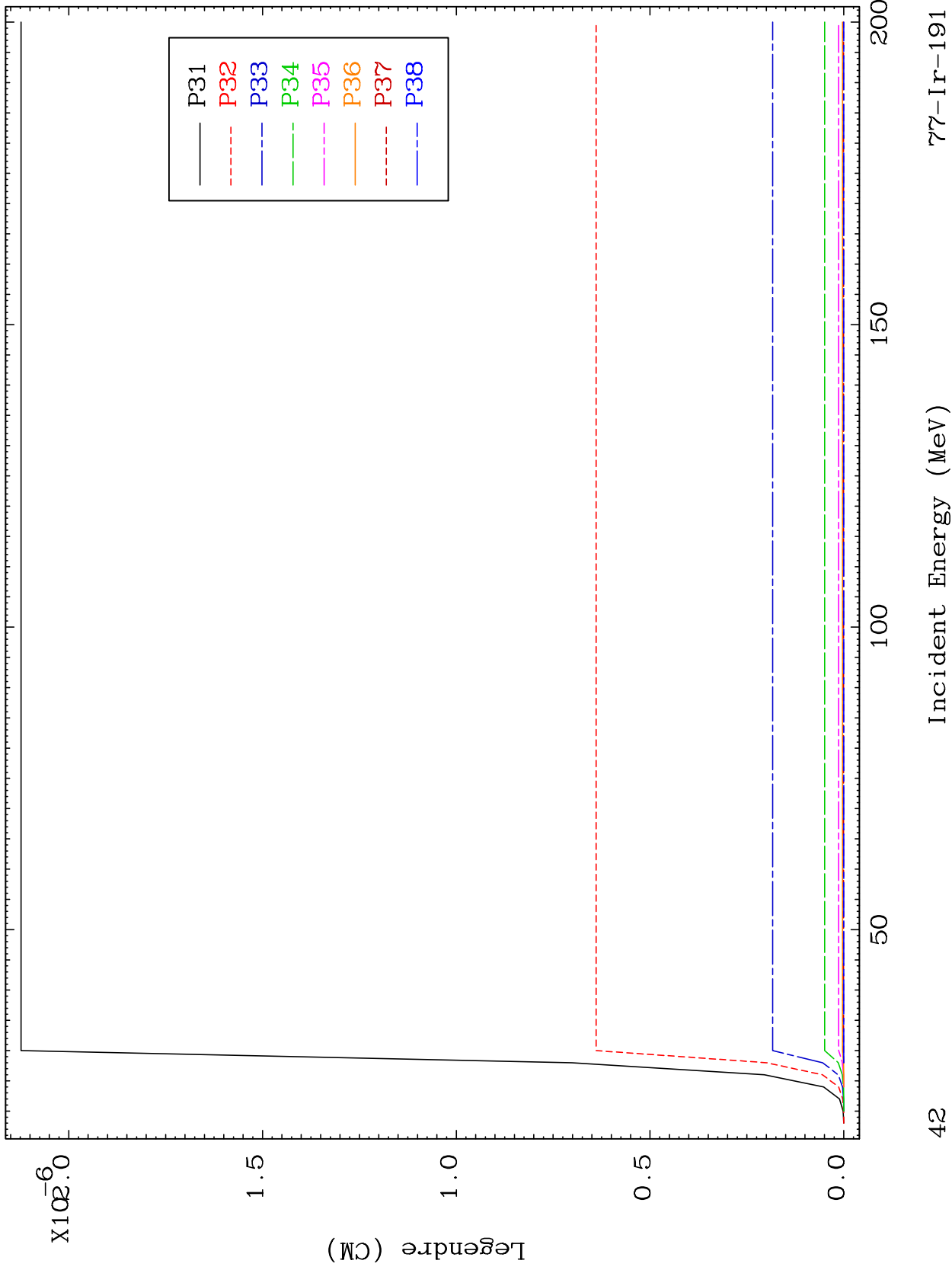
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



42

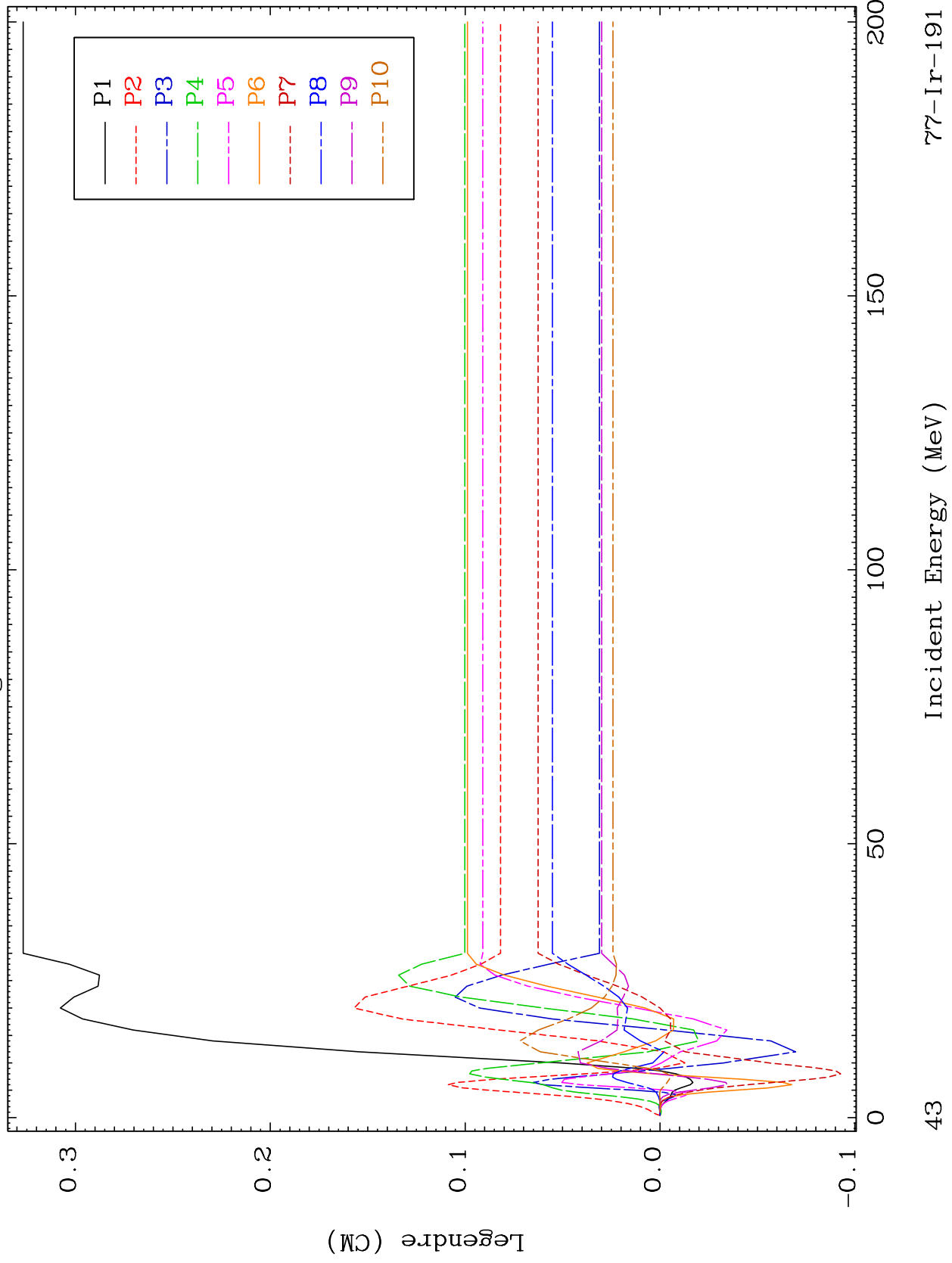
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



77-Ir-191

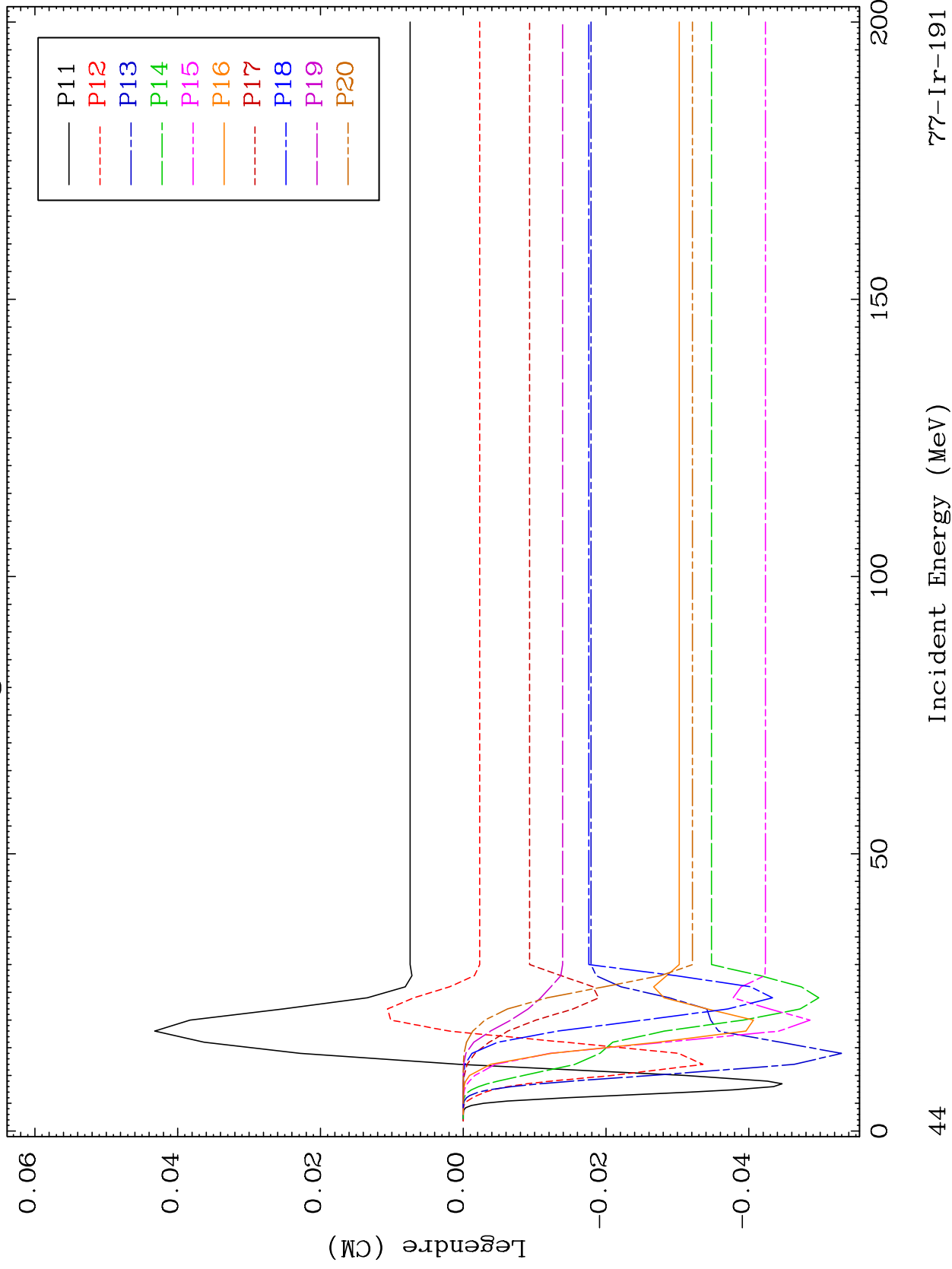
Incident Energy (MeV)

43

MAT 7725

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

77-Ir-191



77-Ir-191

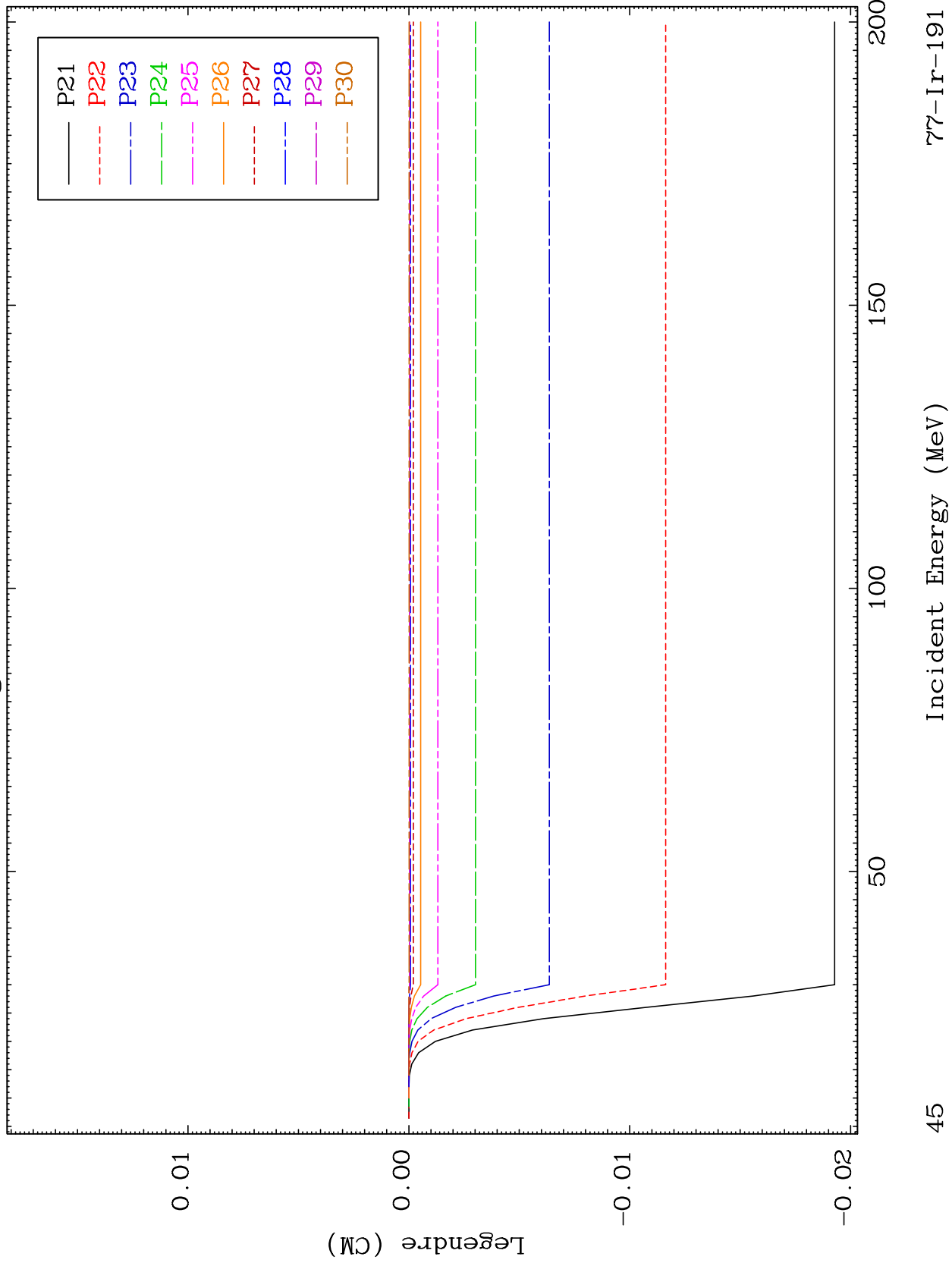
Incident Energy (MeV)

44

MAT 7725

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

77-Ir-191



77-Ir-191

Incident Energy (MeV)

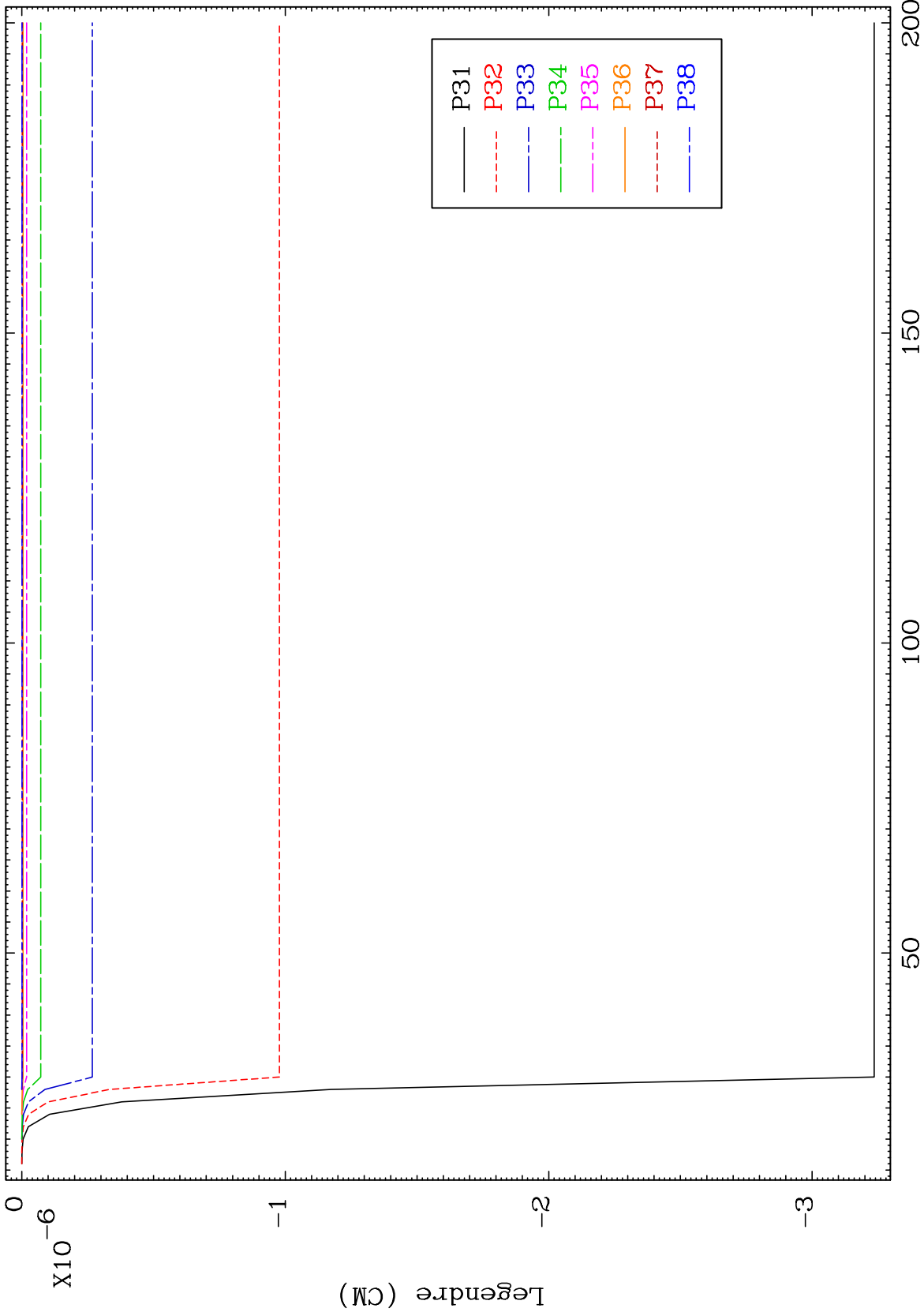
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MAT 7725

MT= 57 (n,n') Level

77-Ir-191

Legendre Coefficients



46

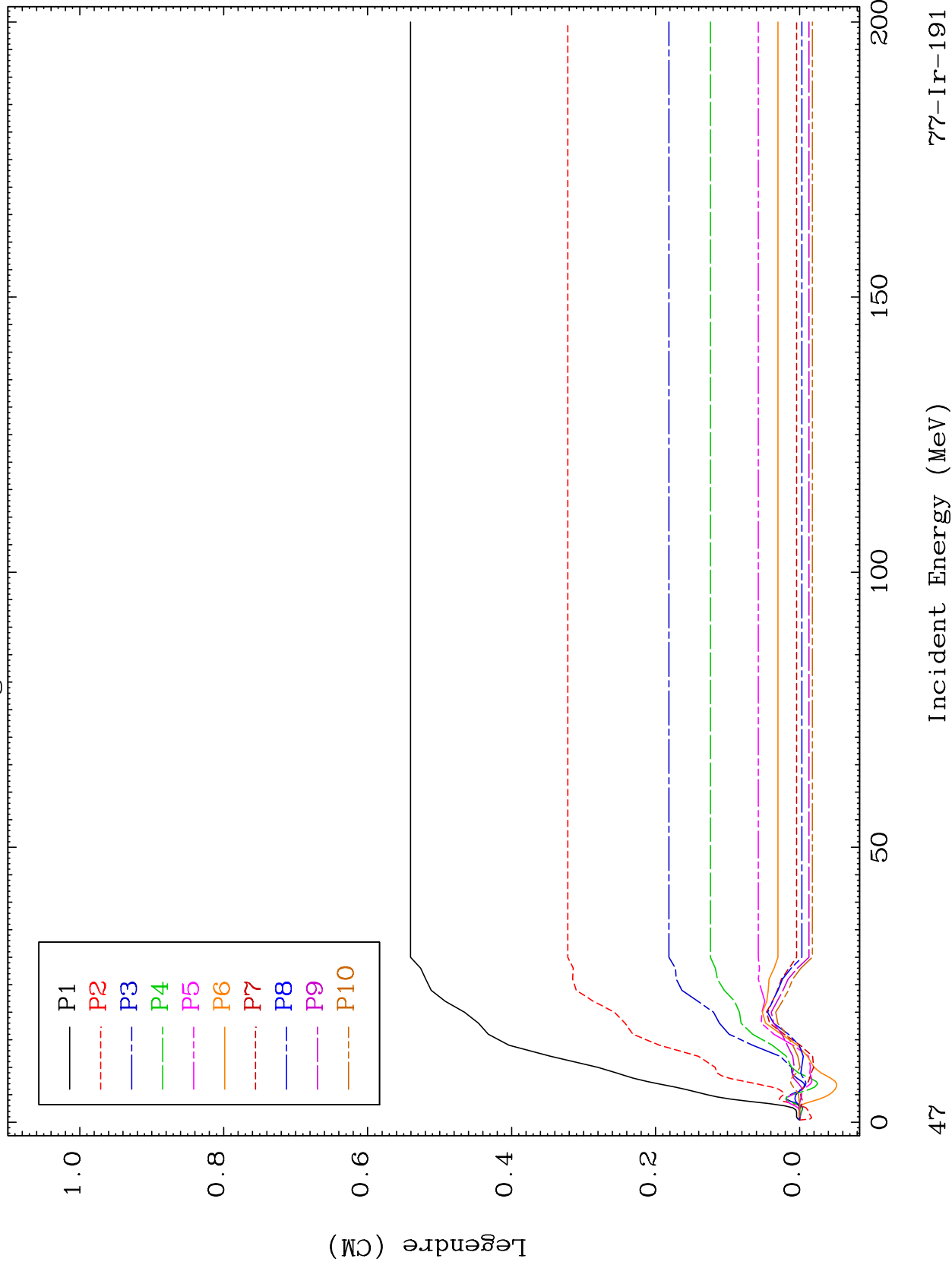
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

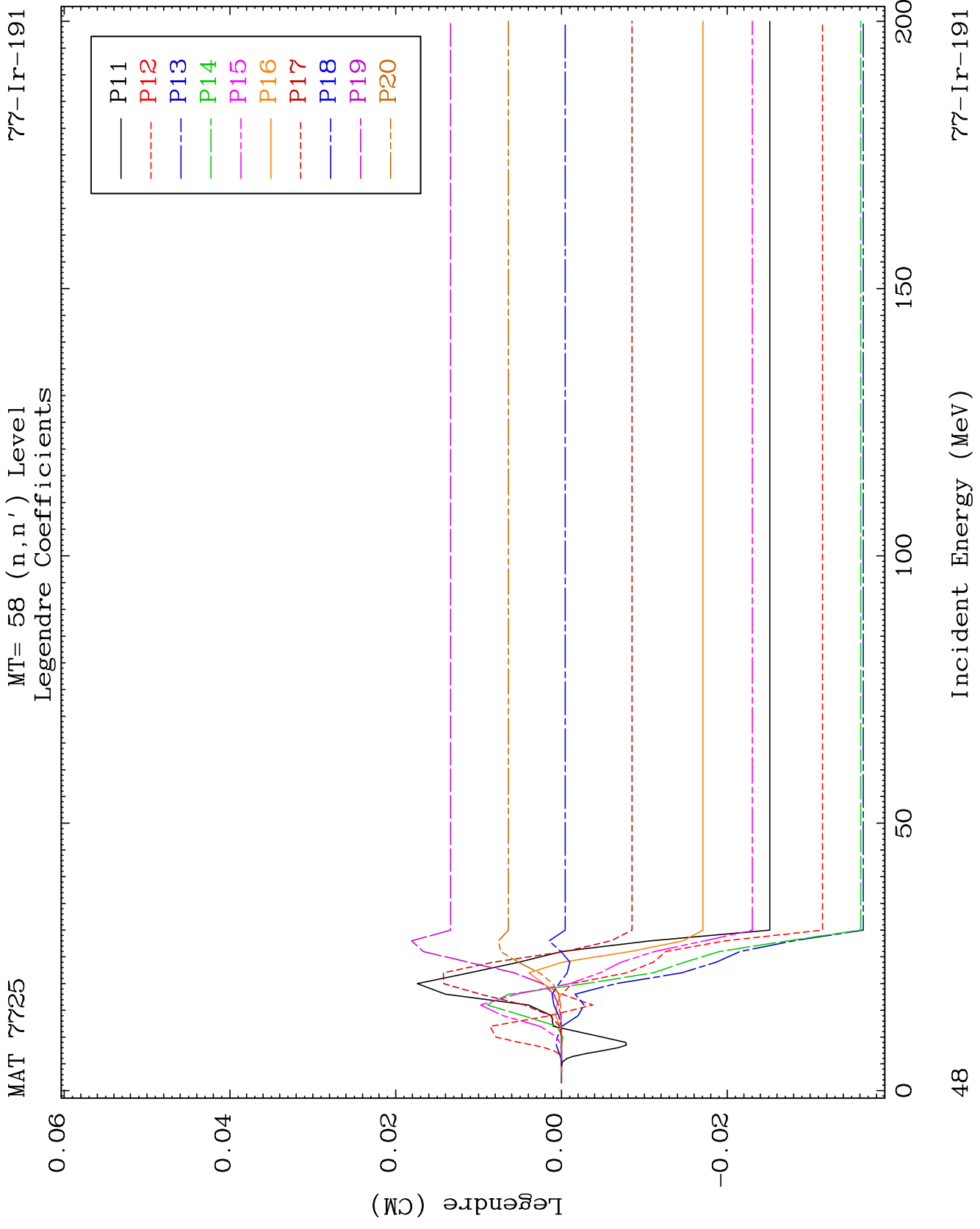
77-Ir-191



47

Incident Energy (MeV)

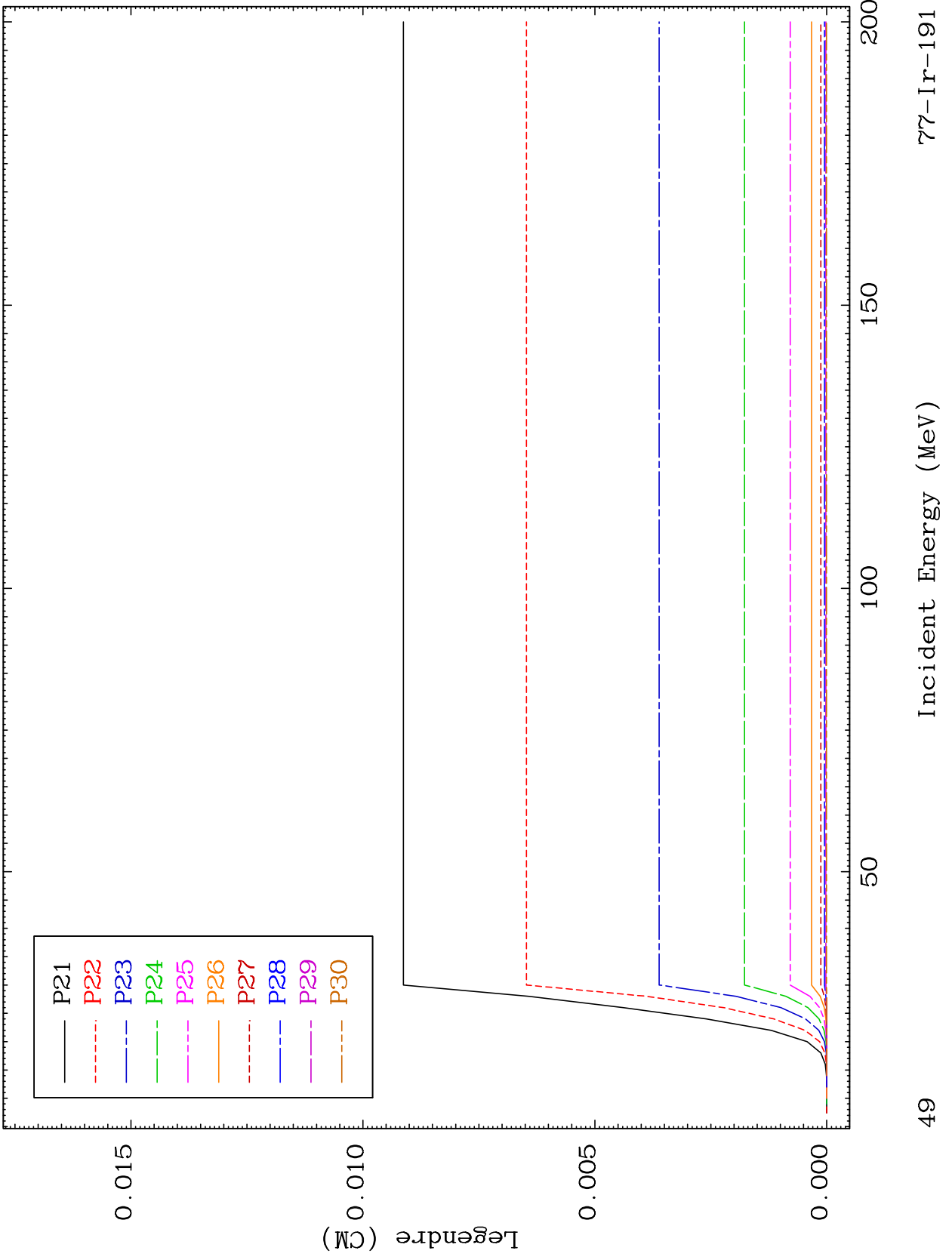
77-Ir-191



MAT 7725

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

77-Ir-191



49

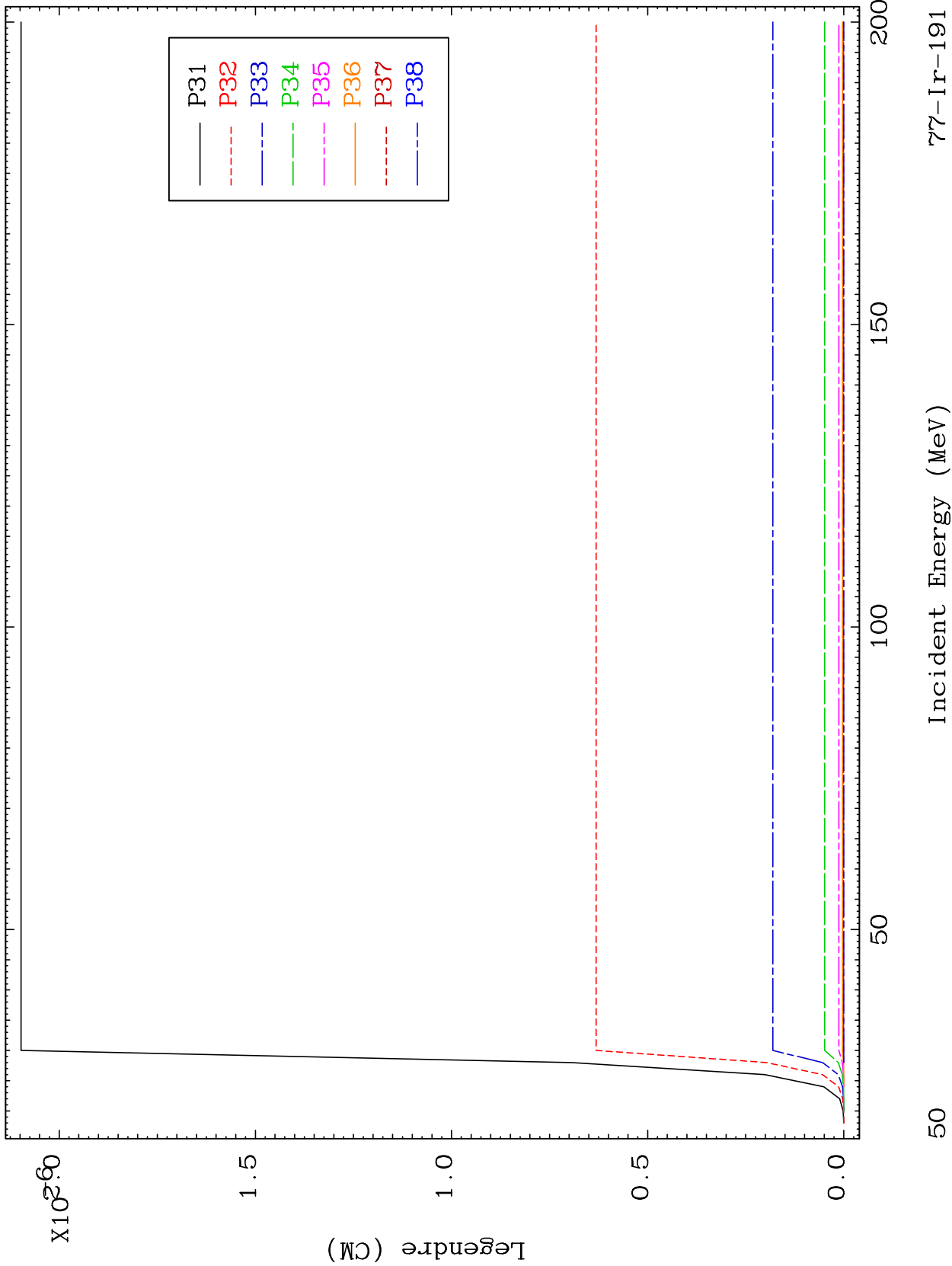
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

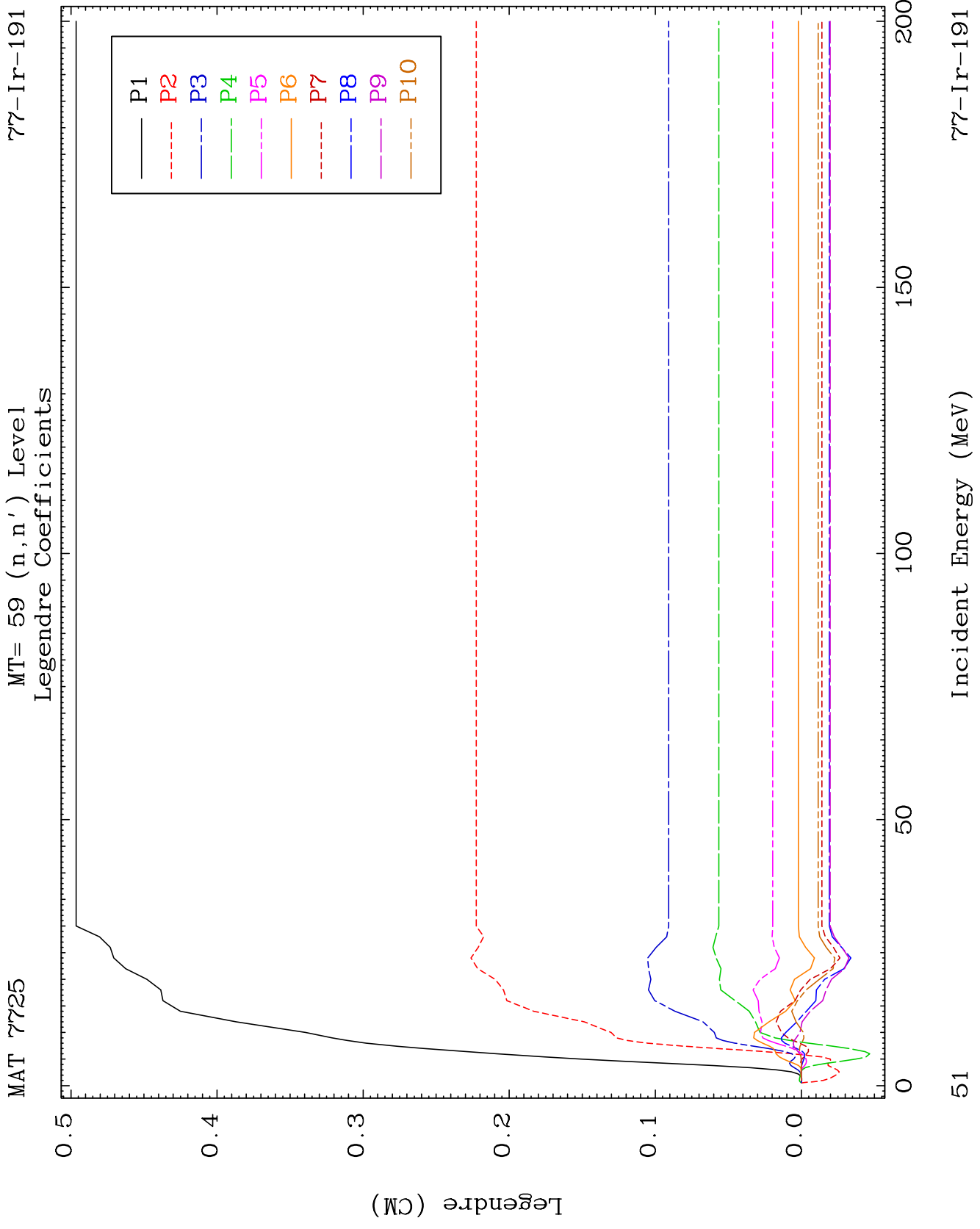
77-Ir-191



77-Ir-191

Incident Energy (MeV)

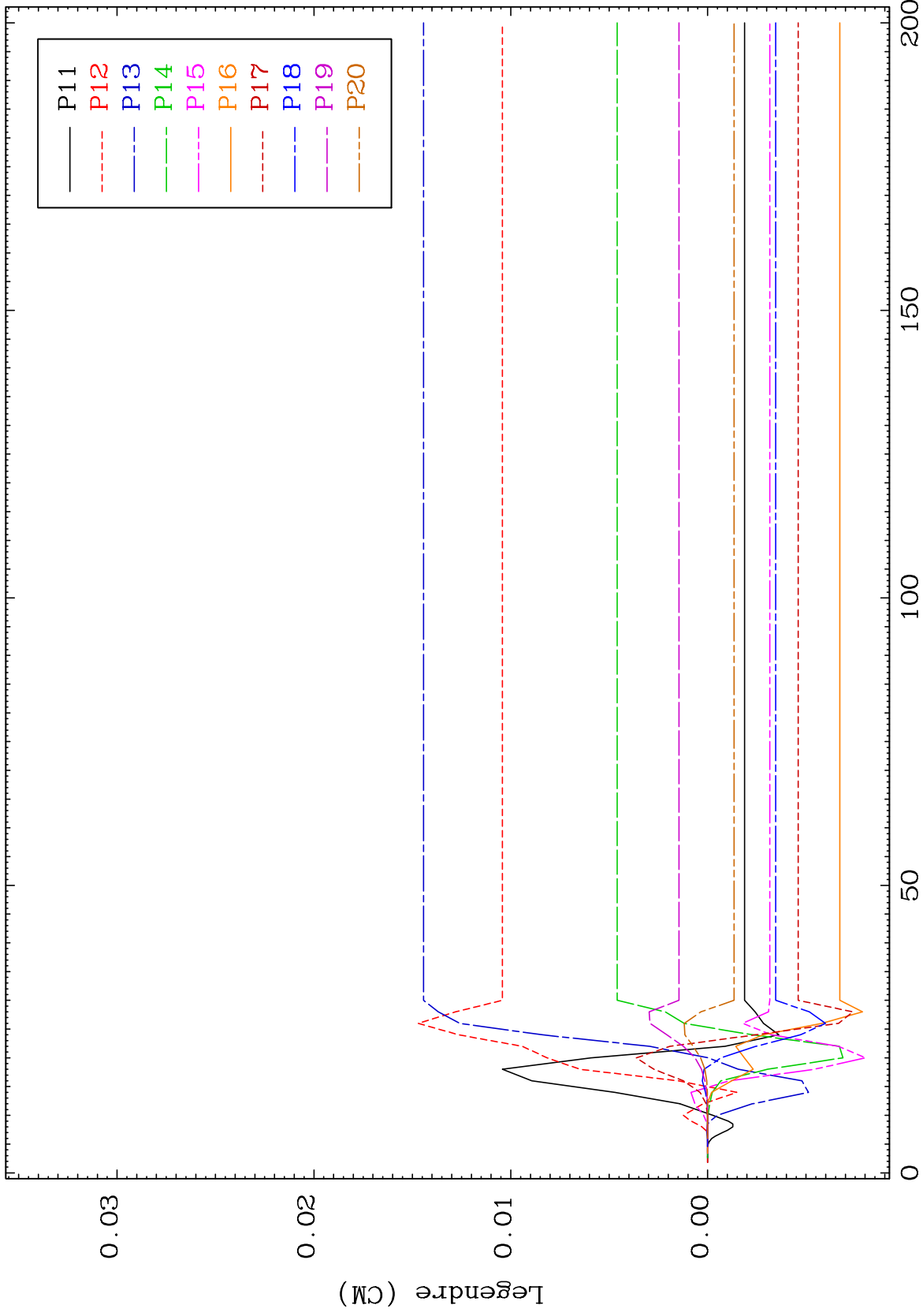
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MAT 7725

77-Ir-191

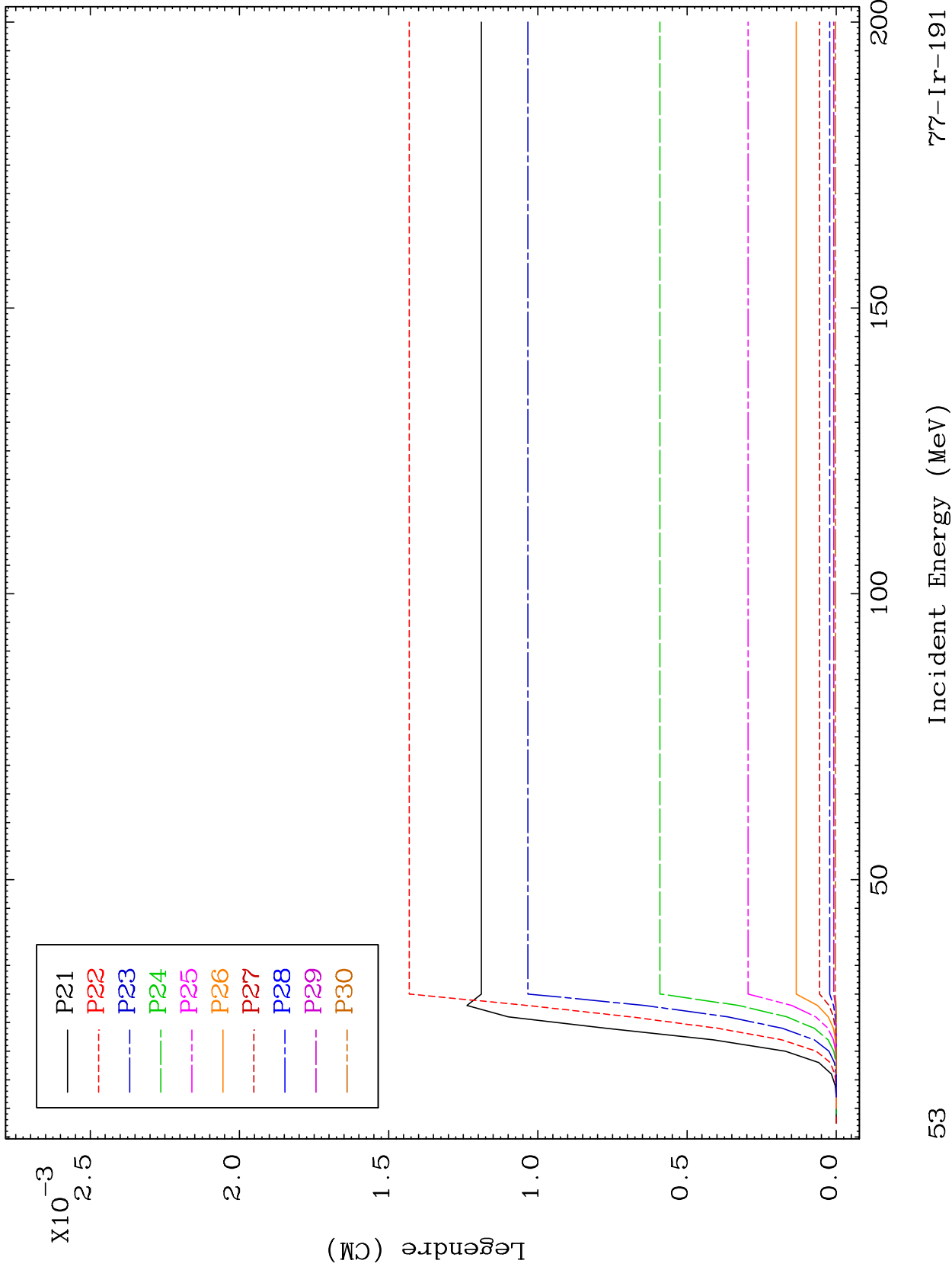
MT= 59 (n,n') Level
Legendre Coefficients



52

Incident Energy (MeV)

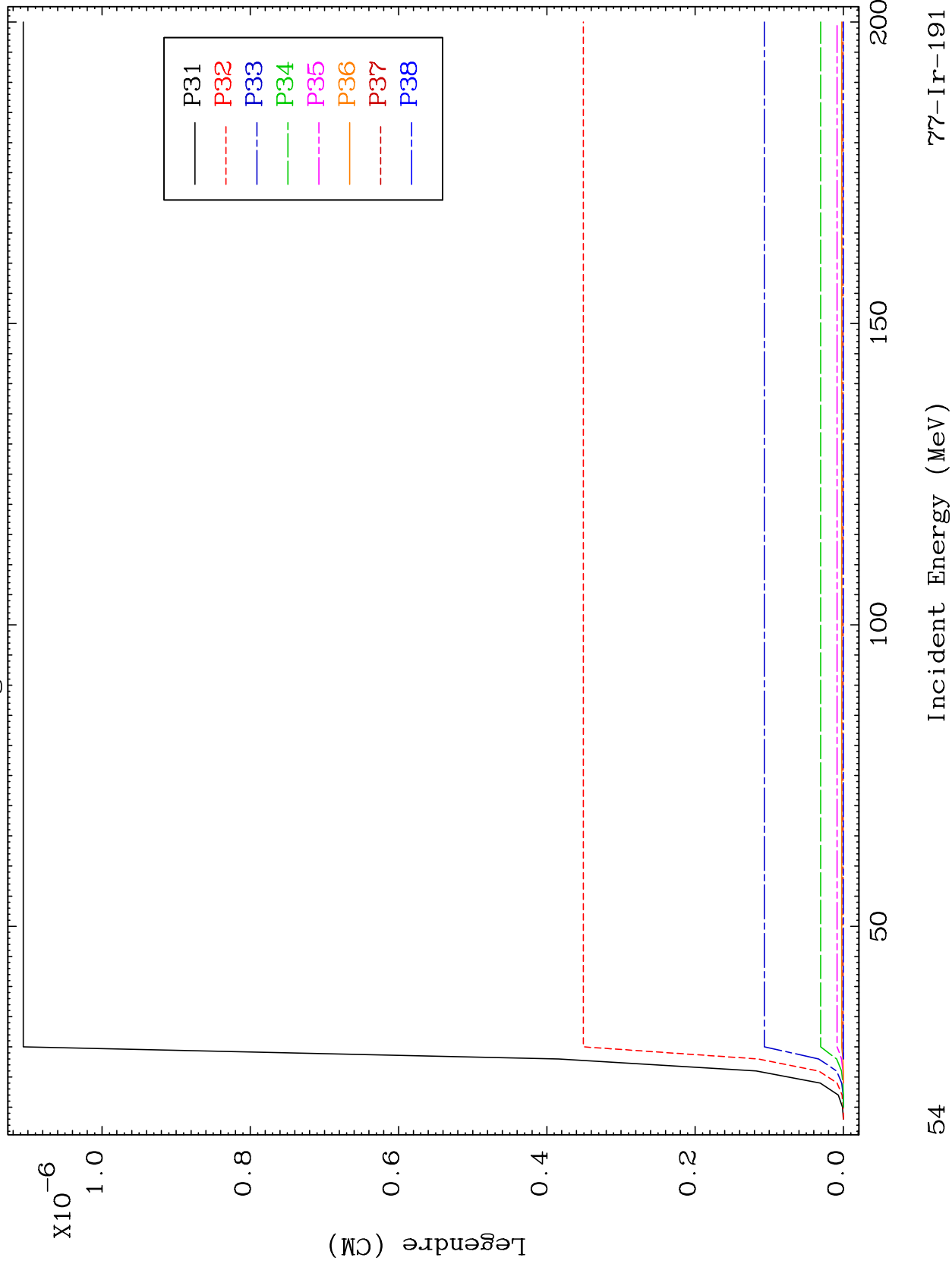
77-Ir-191



MAT 7725

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

77-Ir-191



54

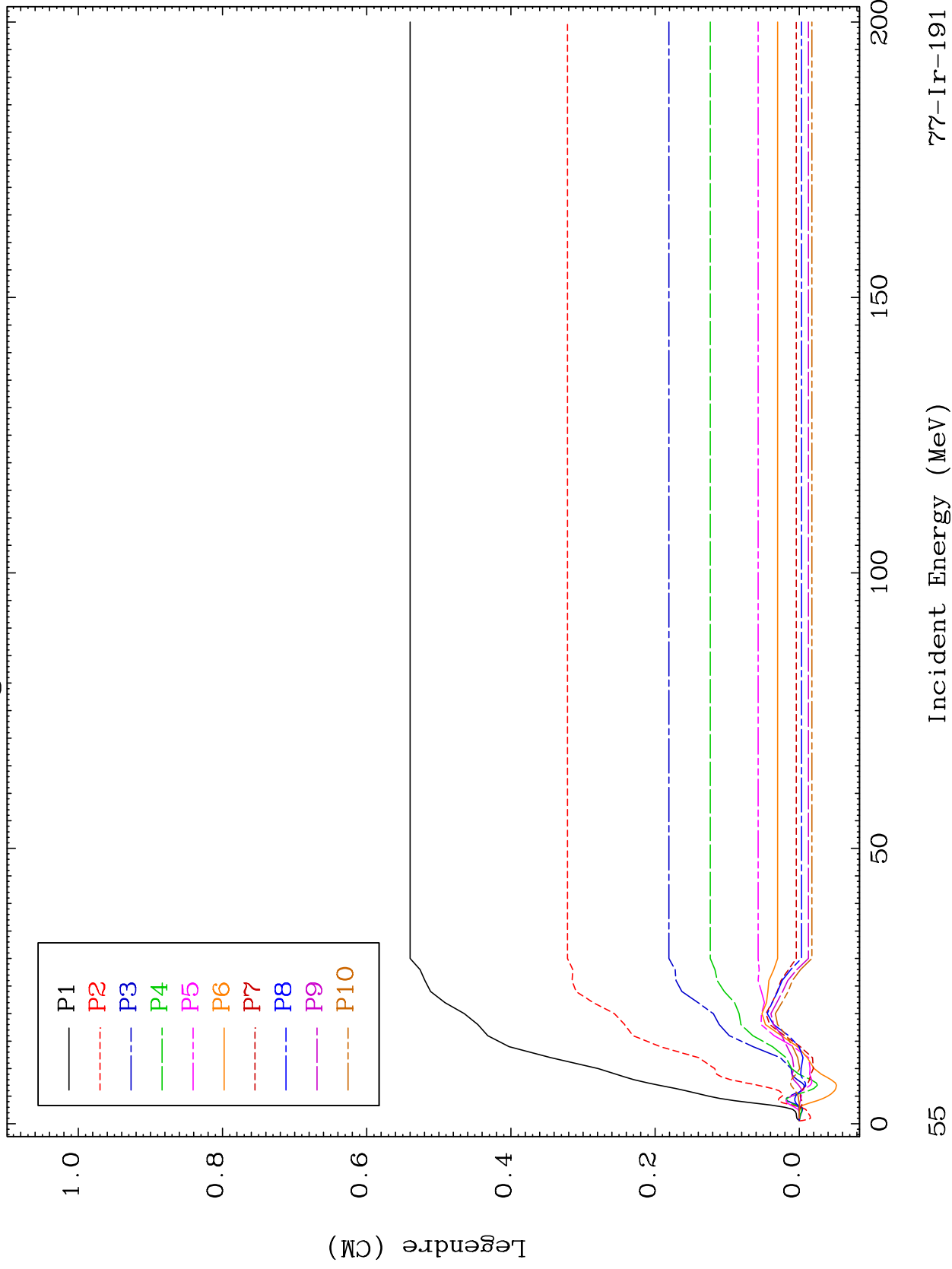
Incident Energy (MeV)

77-Ir-191

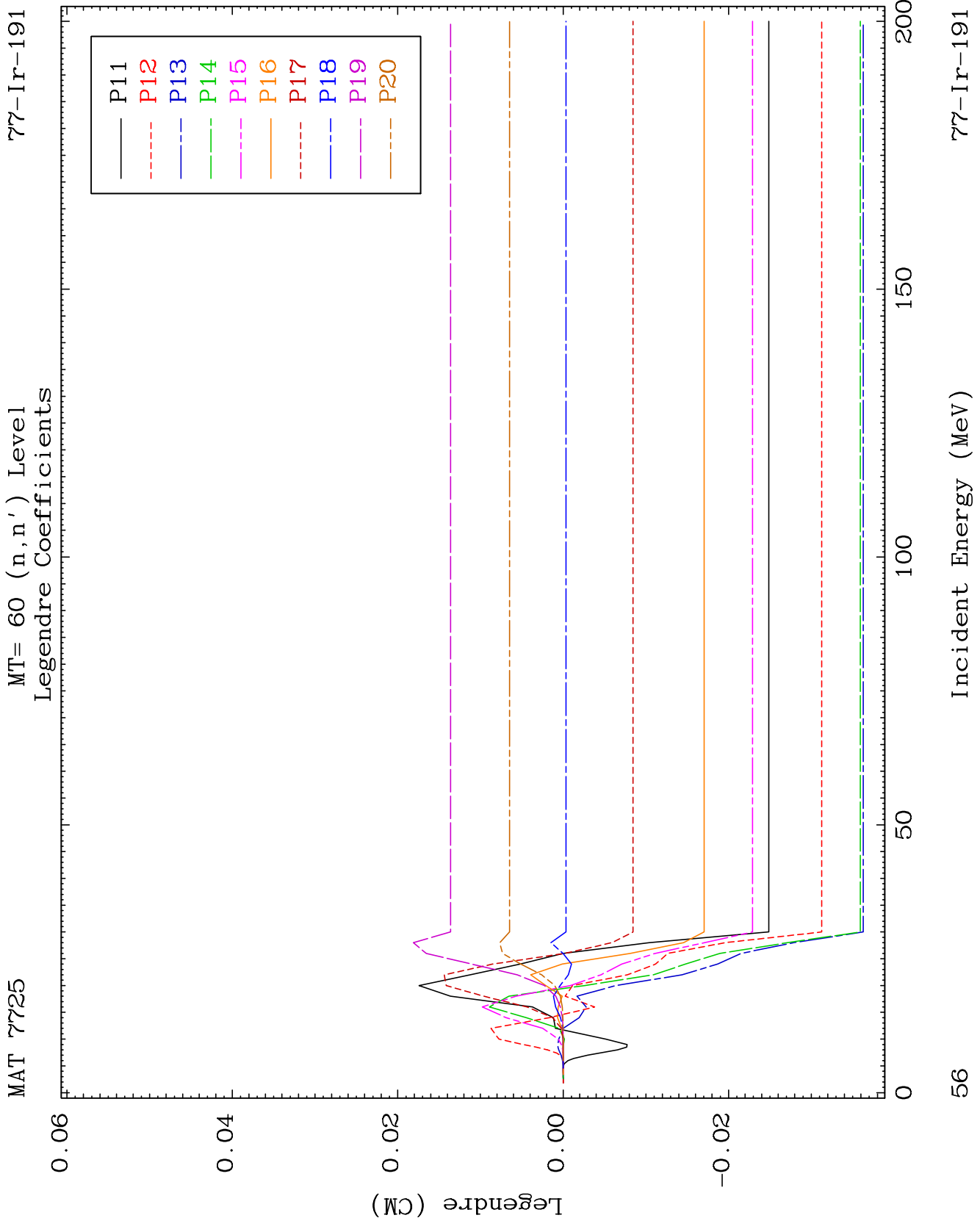
MAT 7725

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

77-Ir-191



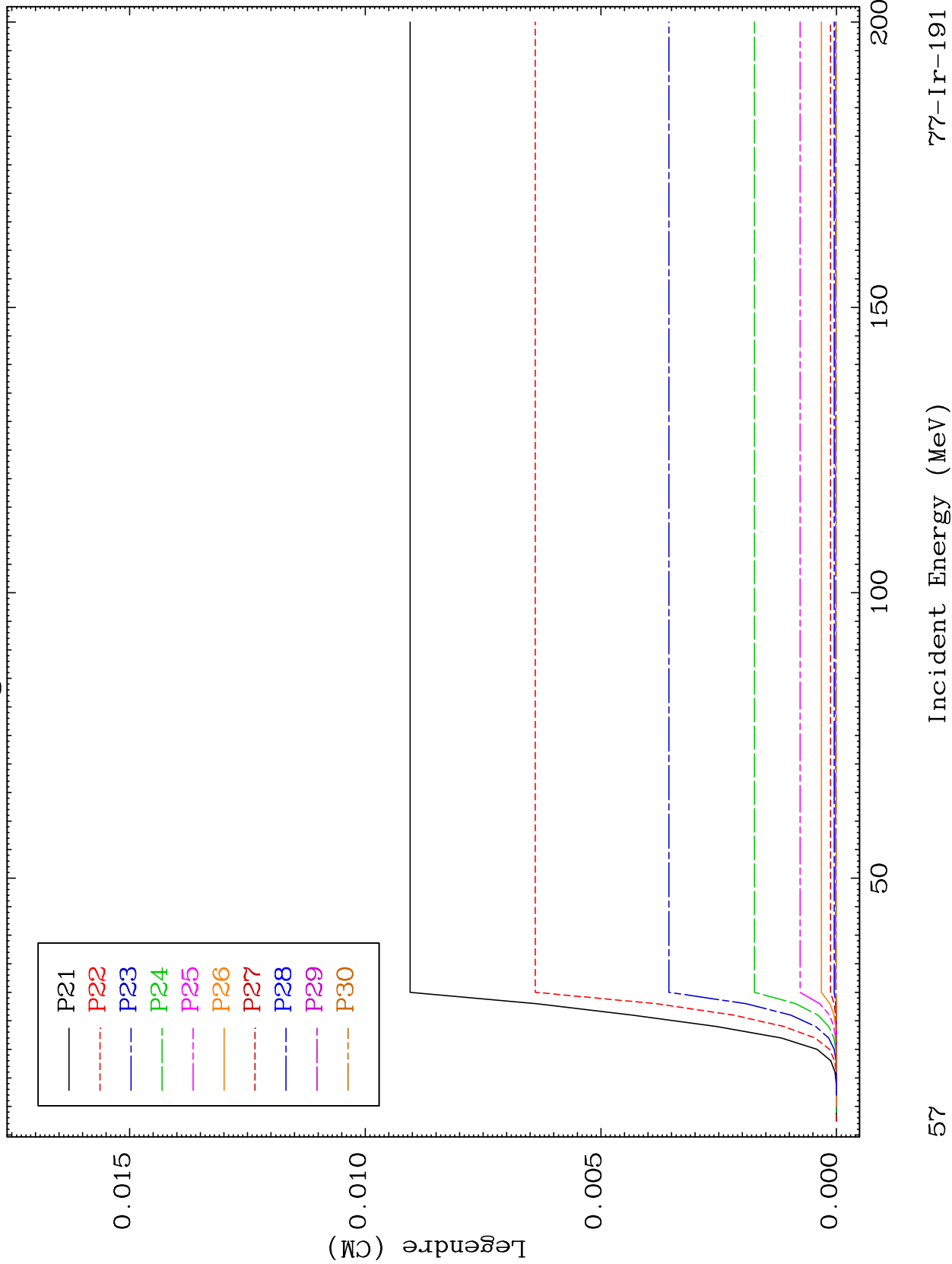
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MAT 7725

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

77-Ir-191



57

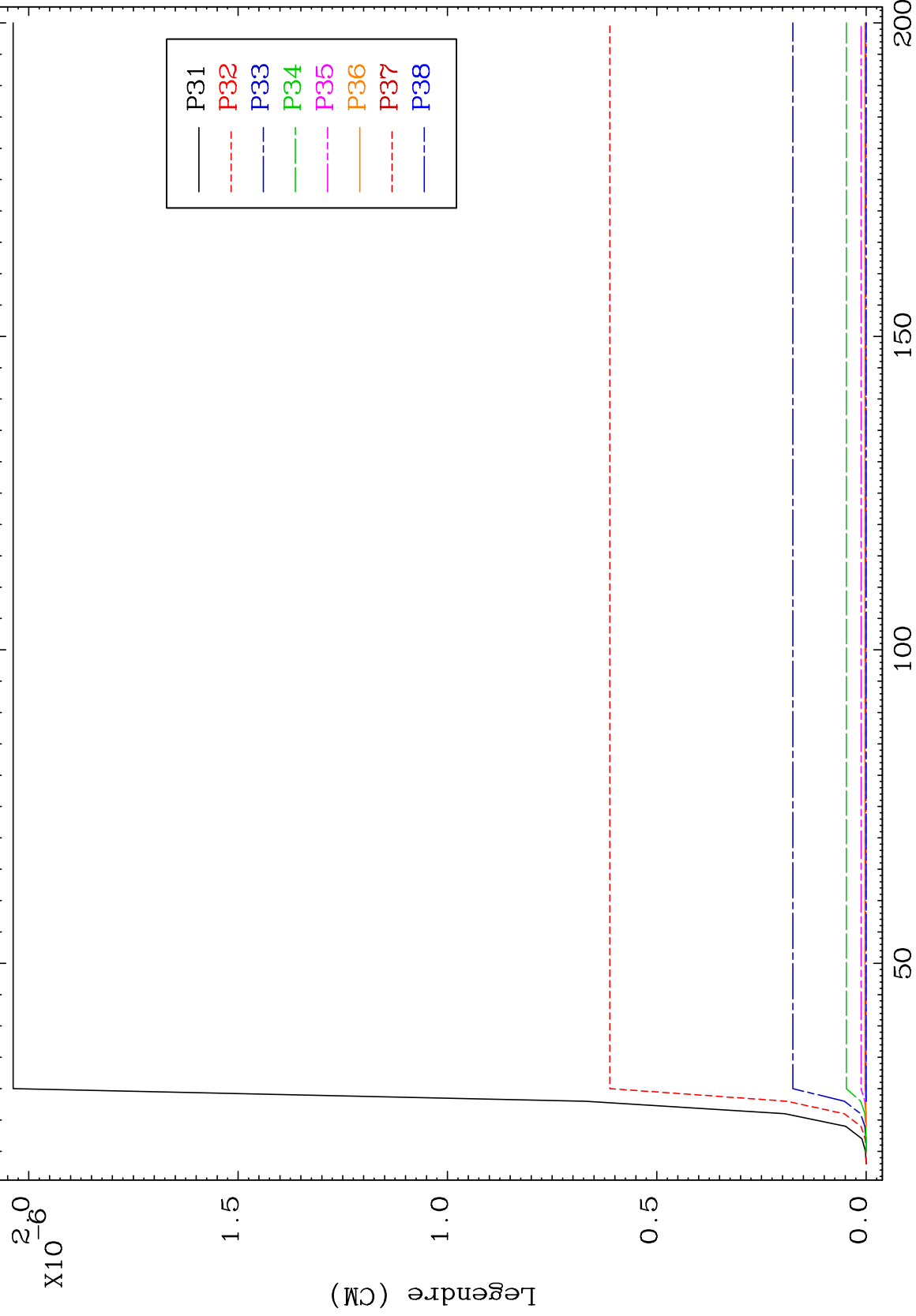
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



58

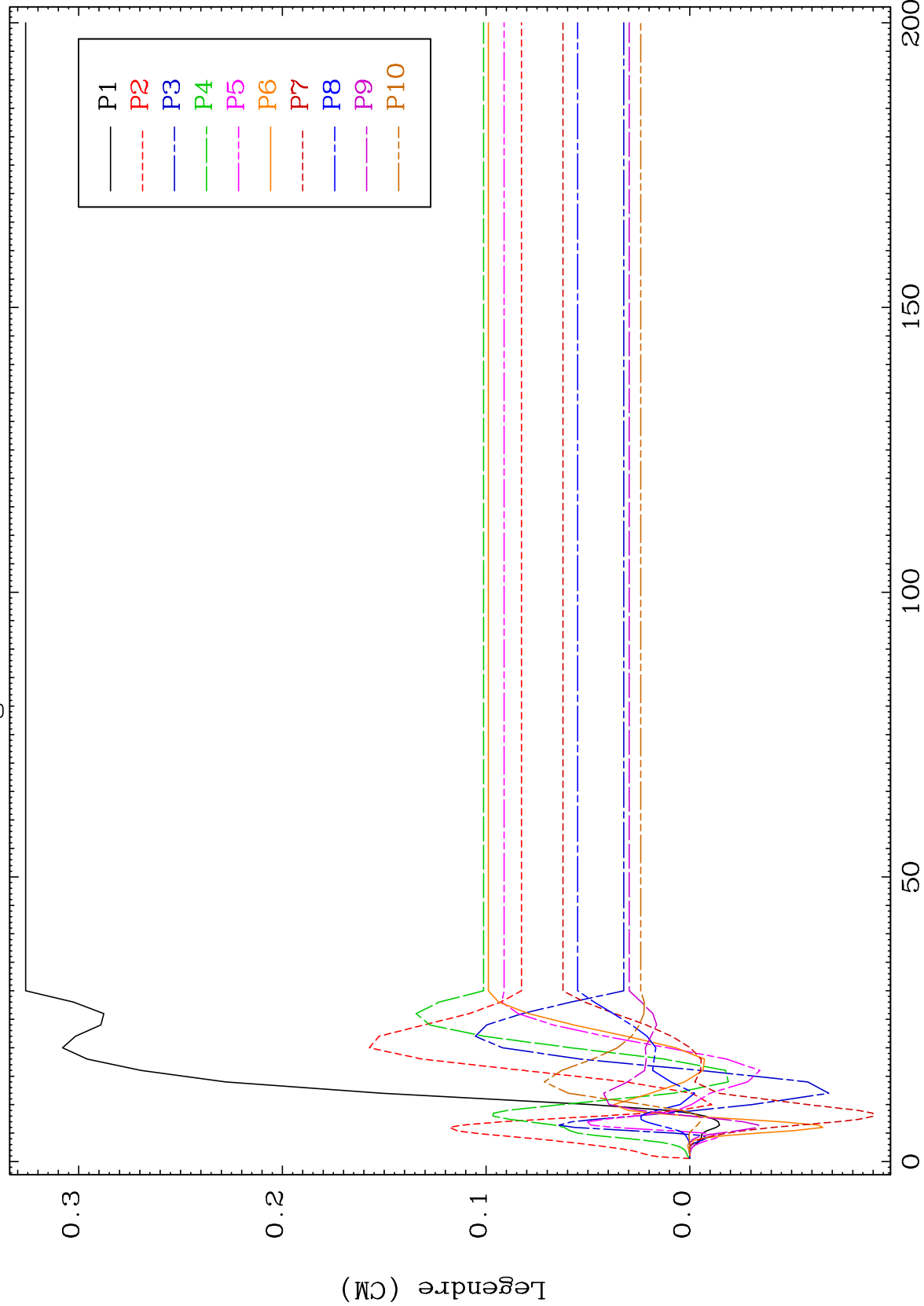
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

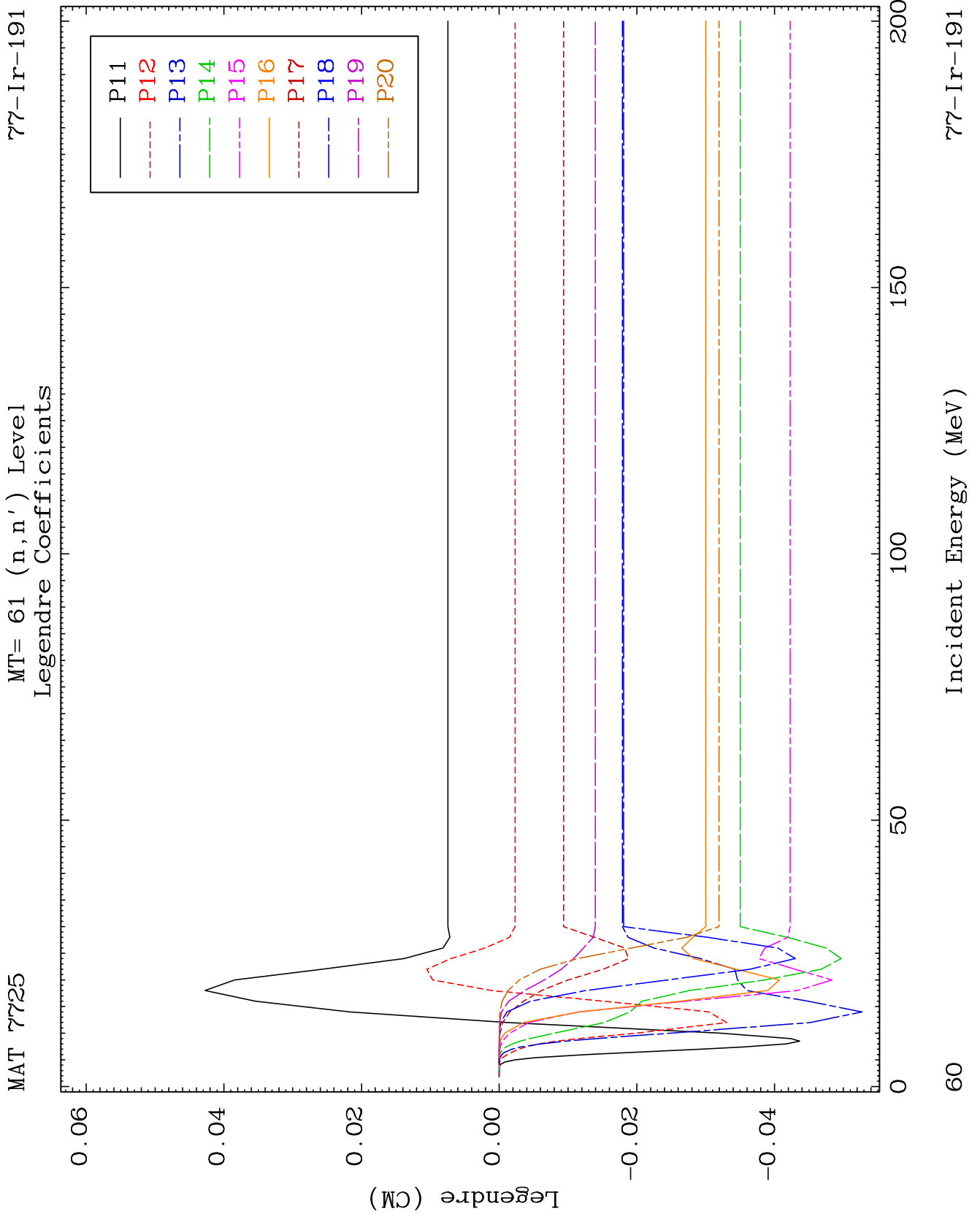
77-Ir-191



59

Incident Energy (MeV)

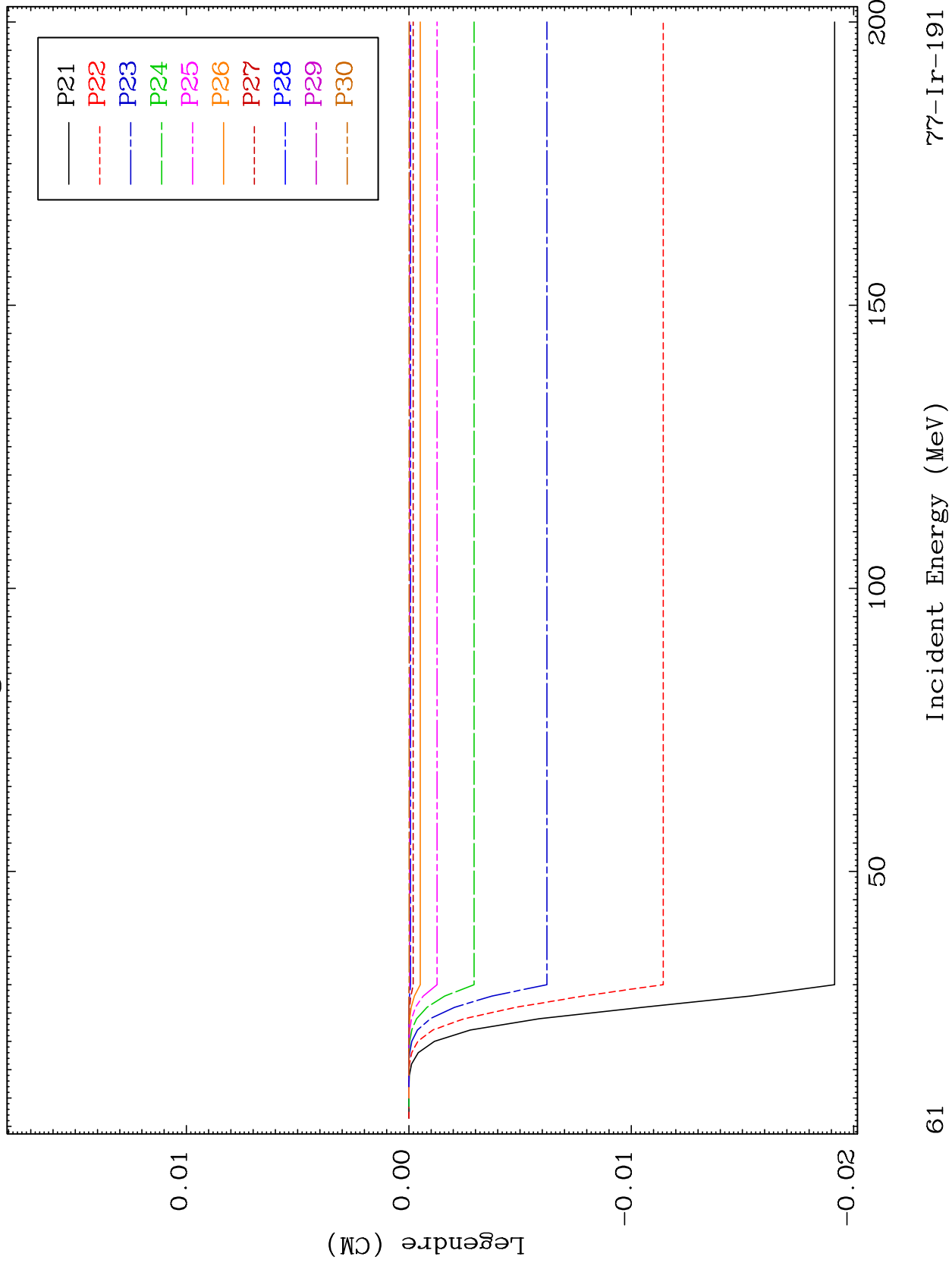
77-Ir-191



MAT 7725

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

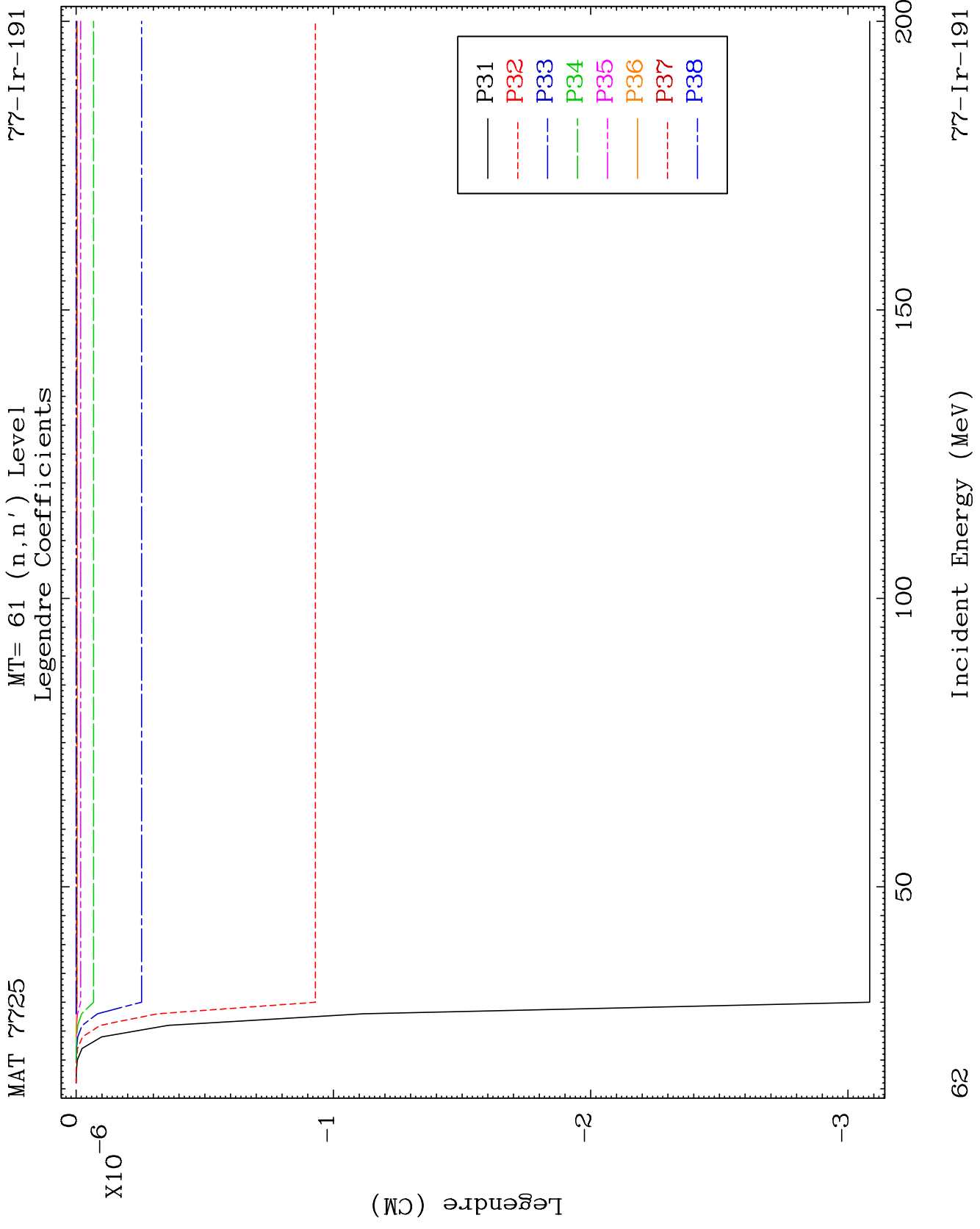
77-Ir-191



61

Incident Energy (MeV)

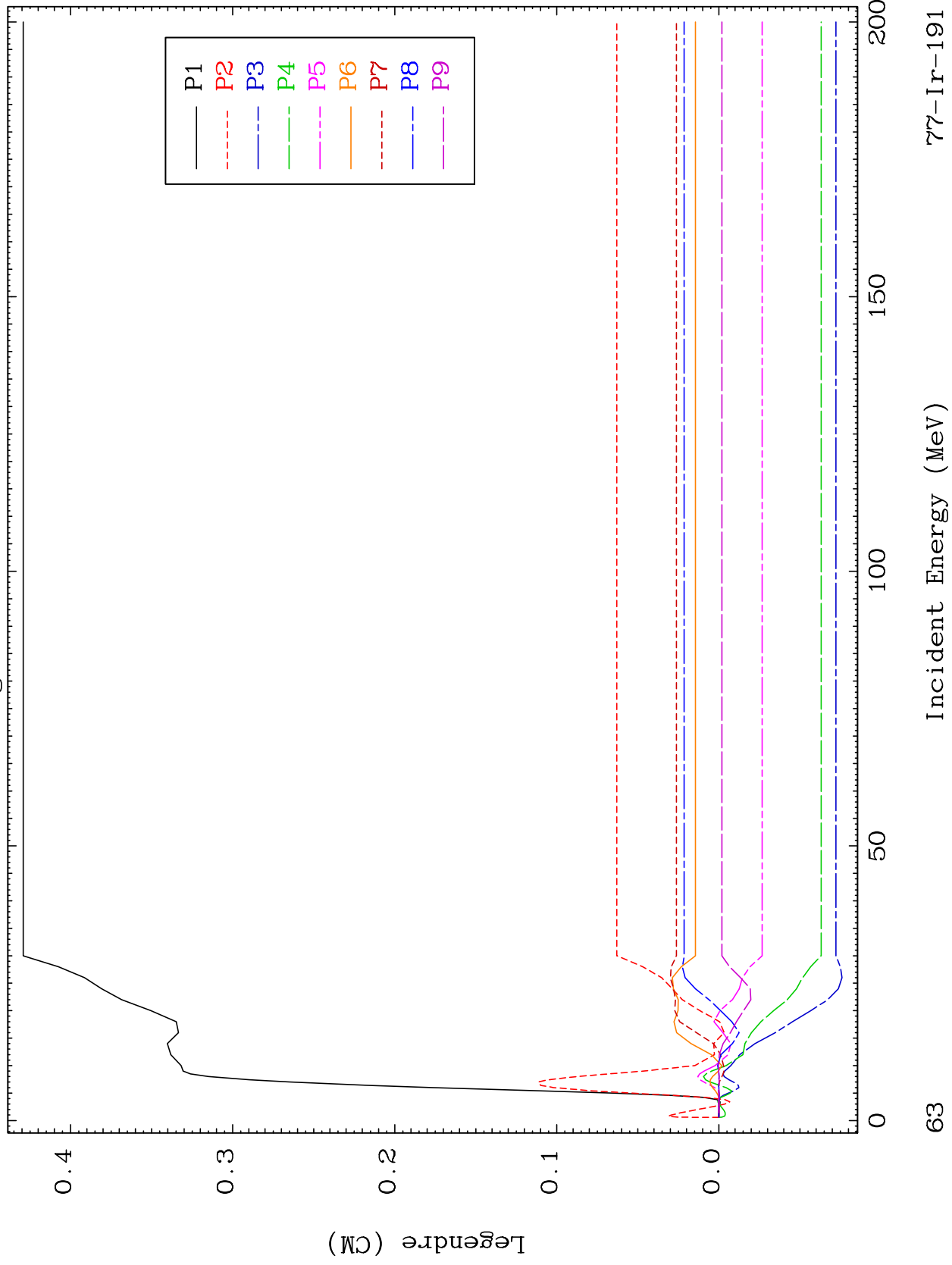
77-Ir-191



MAT 7725

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

77-Ir-191



77-Ir-191

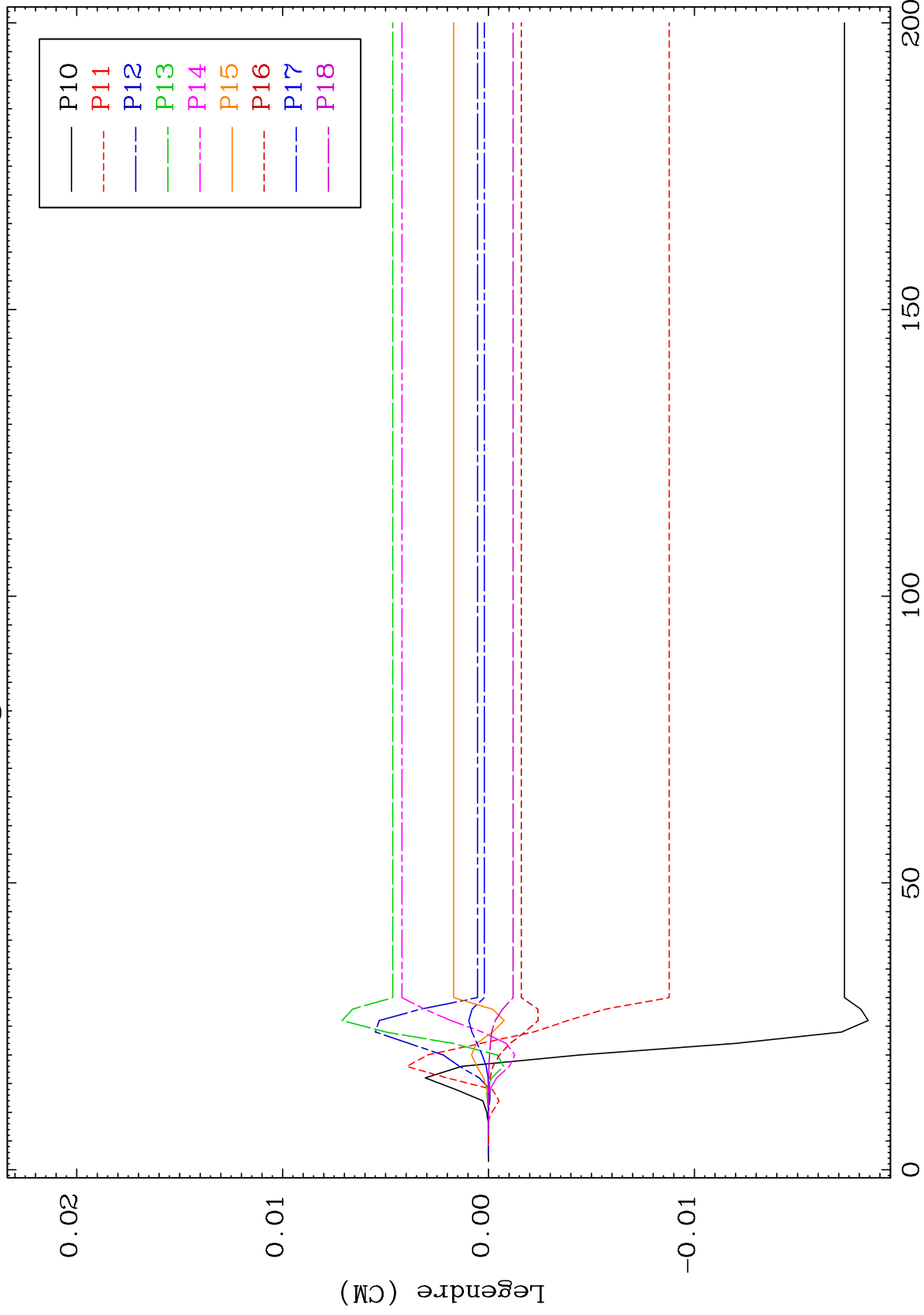
Incident Energy (MeV)

63

MAT 7725

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

77-Ir-191



64

Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



65

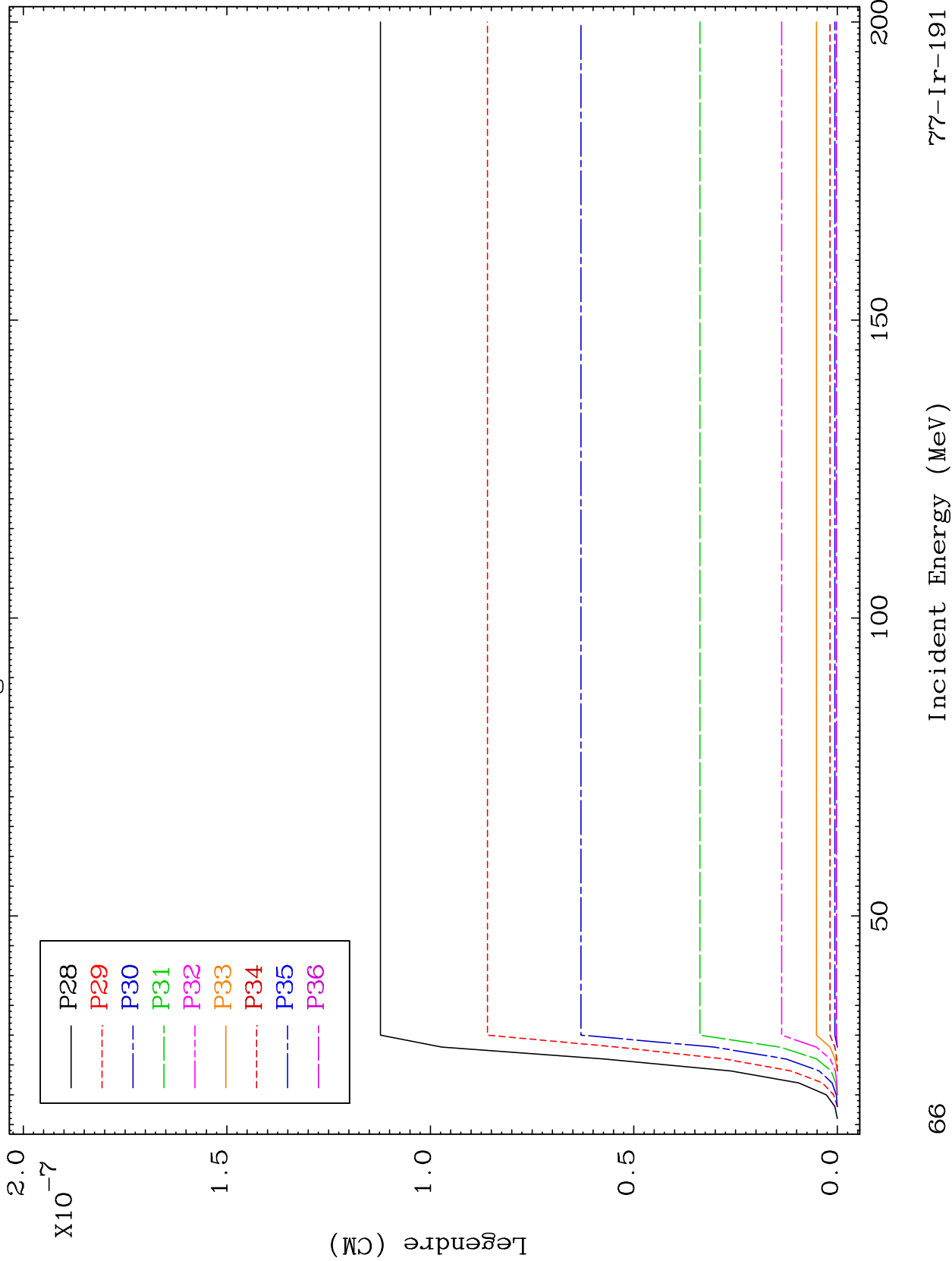
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

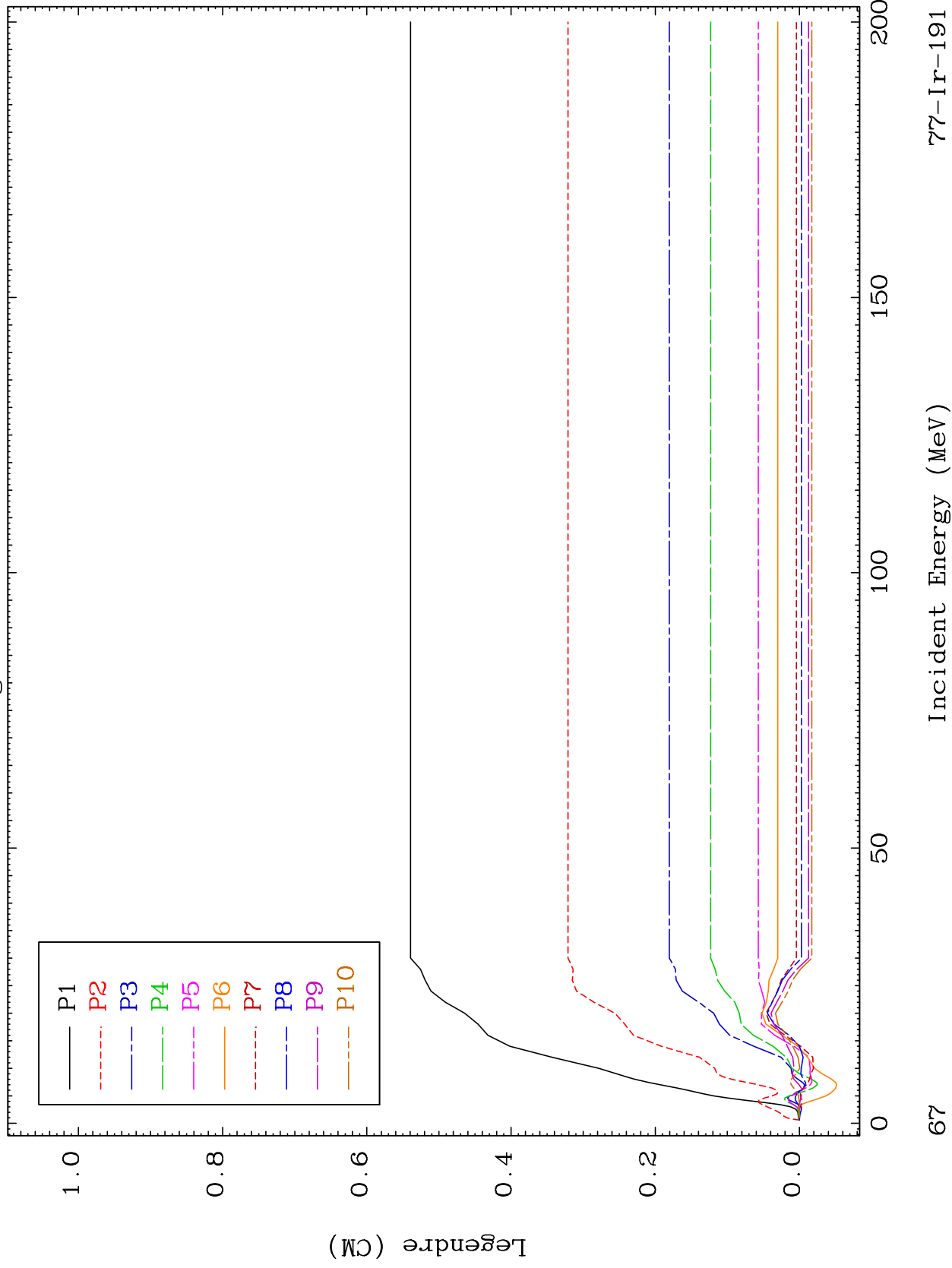
77-Ir-191



MAT 7725

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

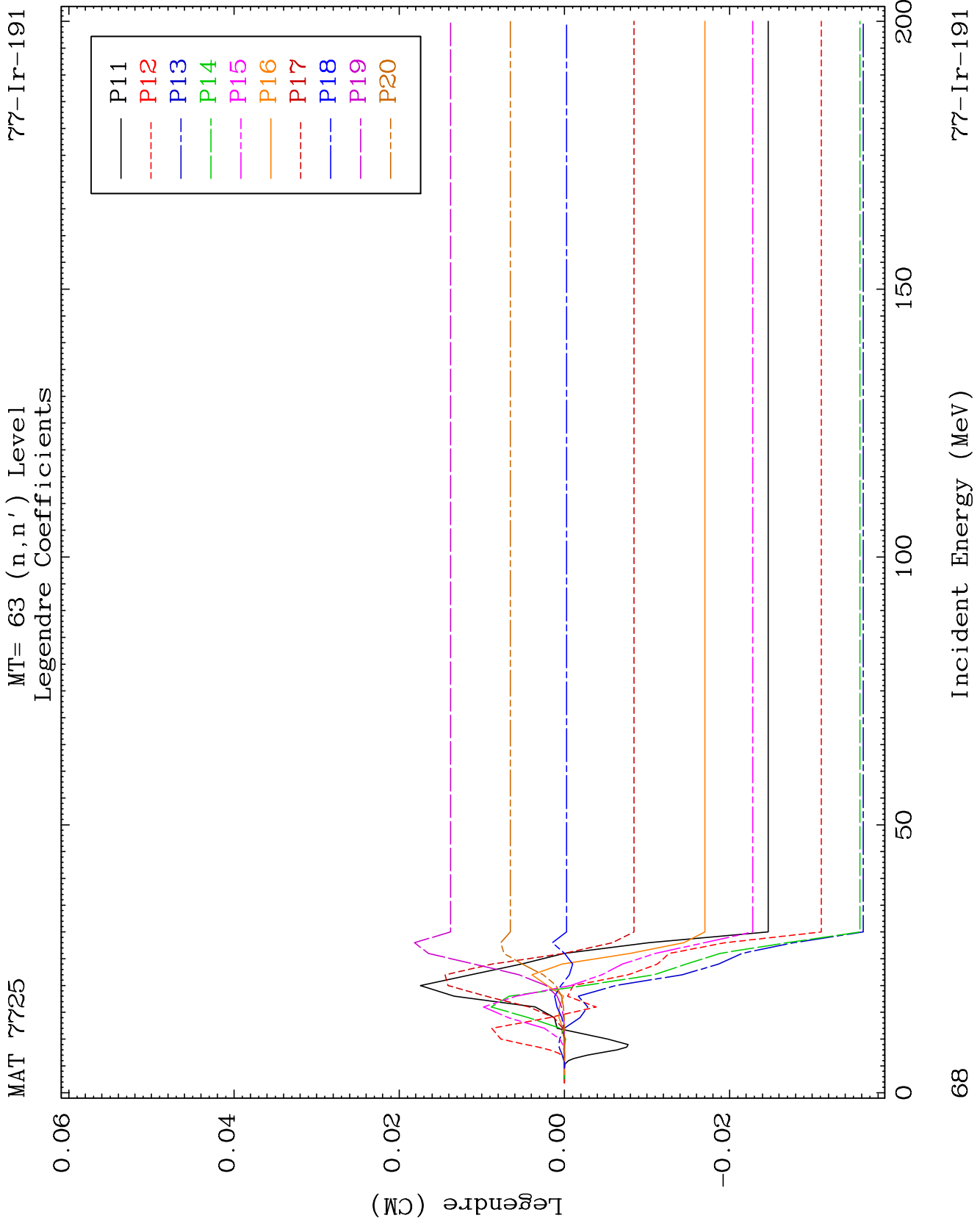
77-Ir-191



77-Ir-191

Incident Energy (MeV)

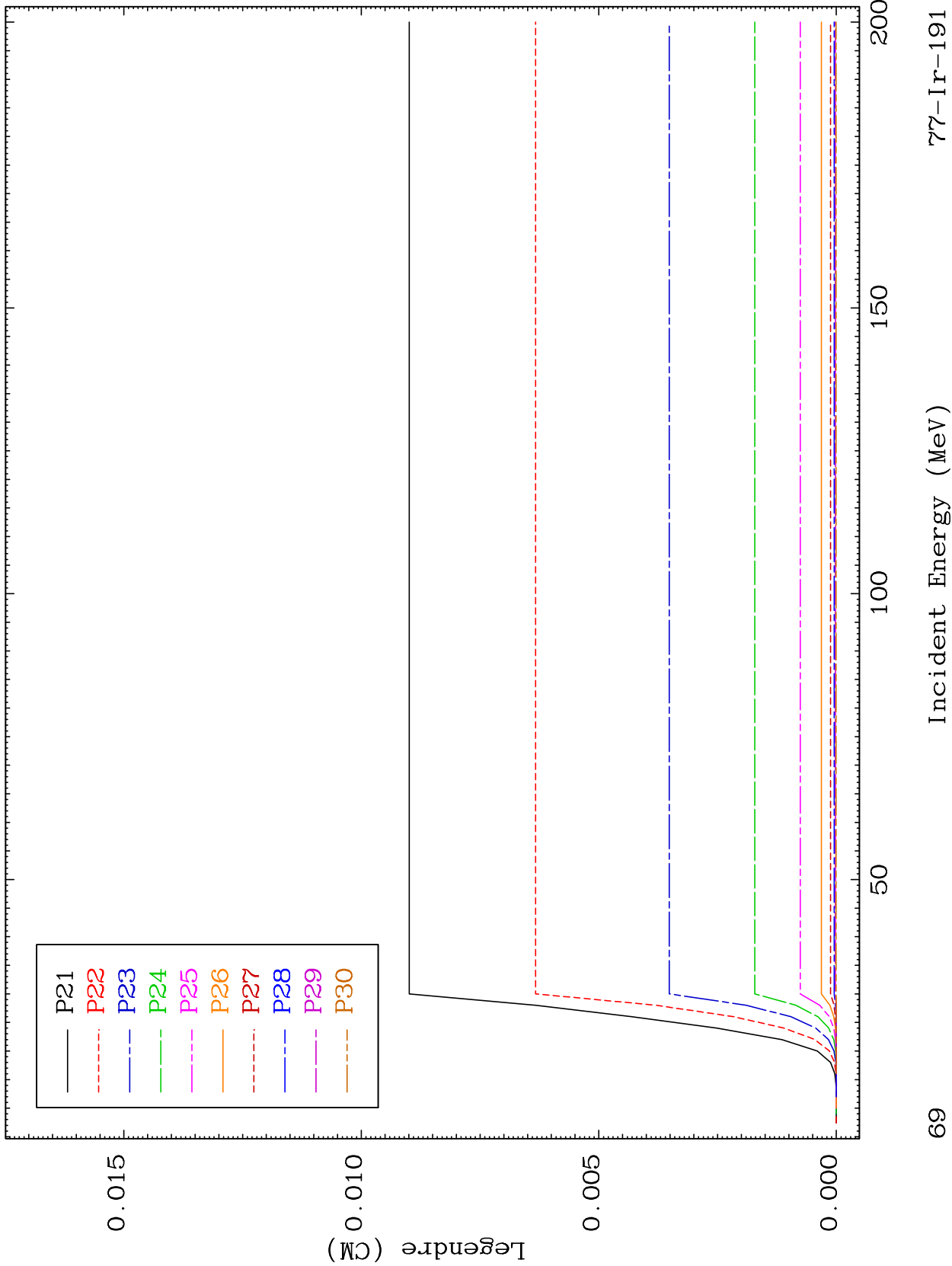
67



MAT 7725

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

77-Ir-191



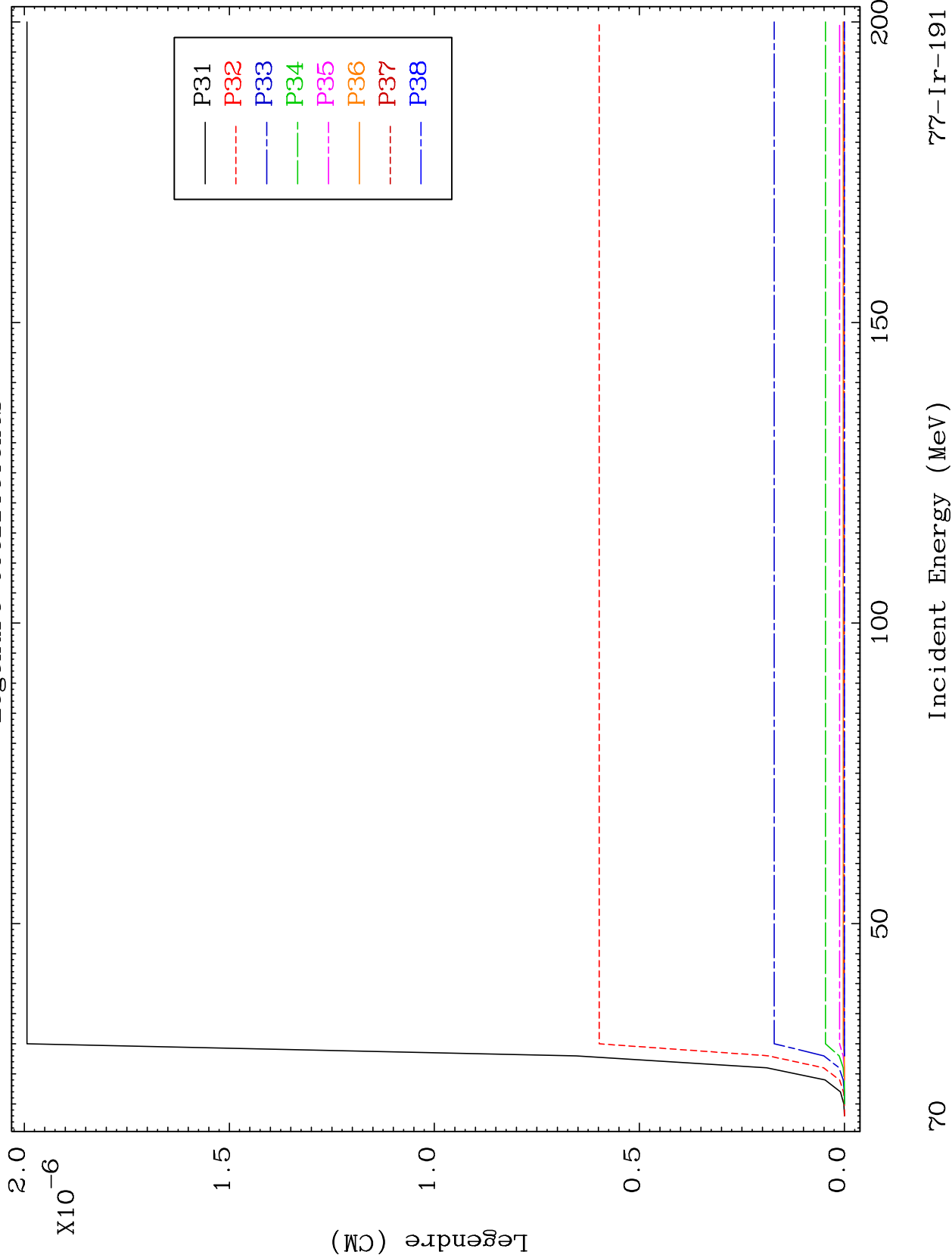
69

77-Ir-191

MAT 7725

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

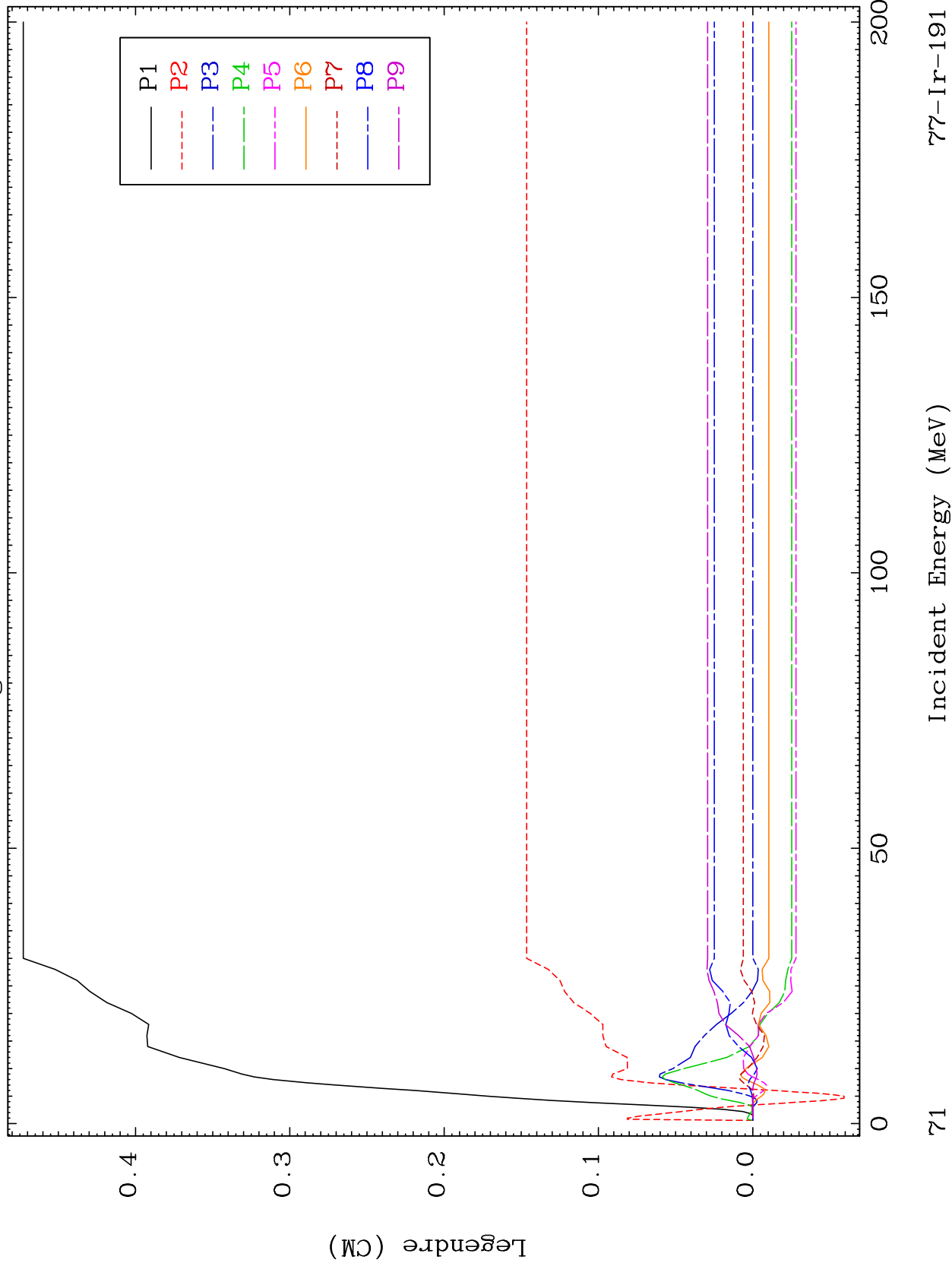
77-Ir-191



MAT 7725

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

77-Ir-191



77-Ir-191

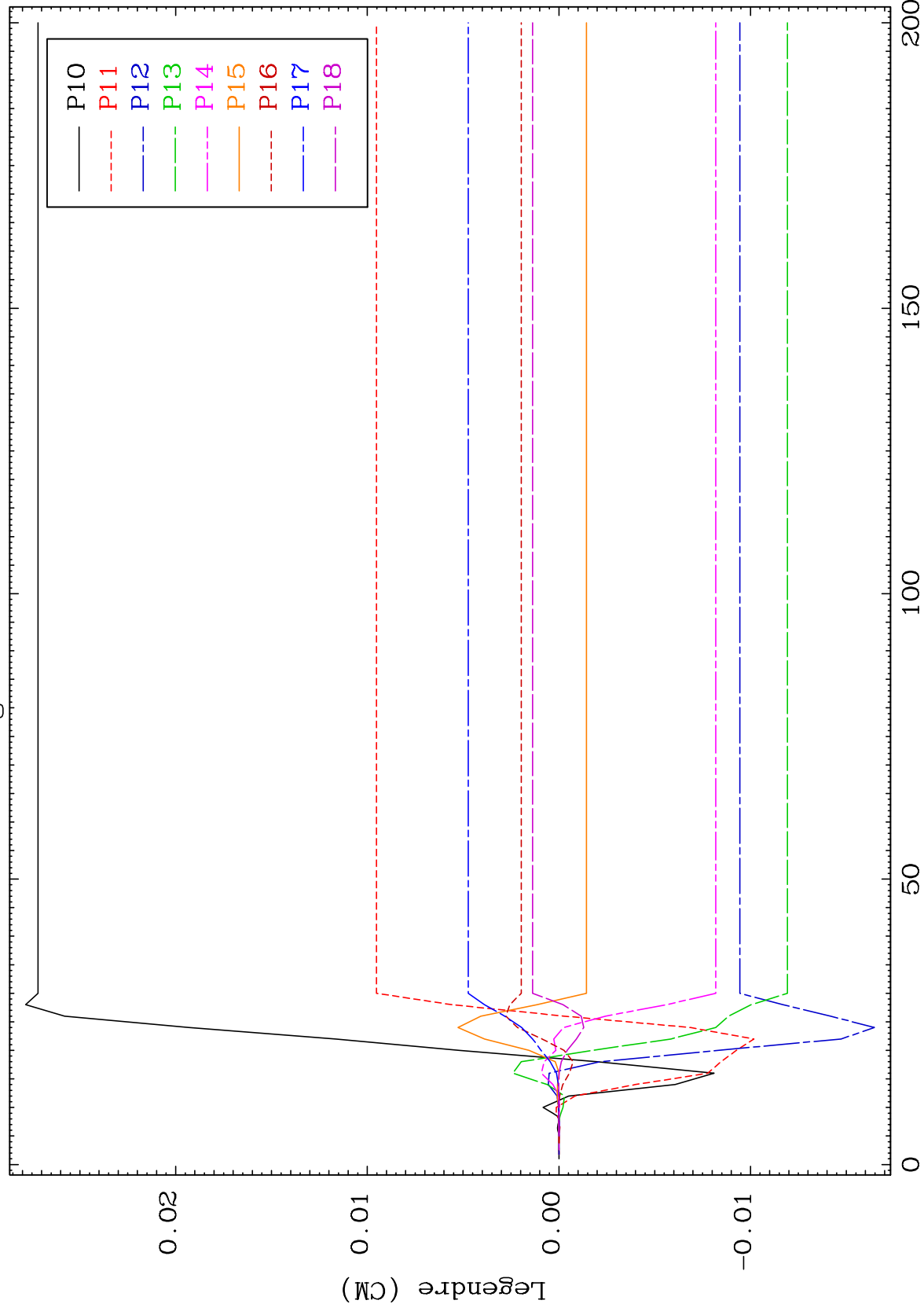
Incident Energy (MeV)

71

MAT 7725

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

77-Ir-191



72

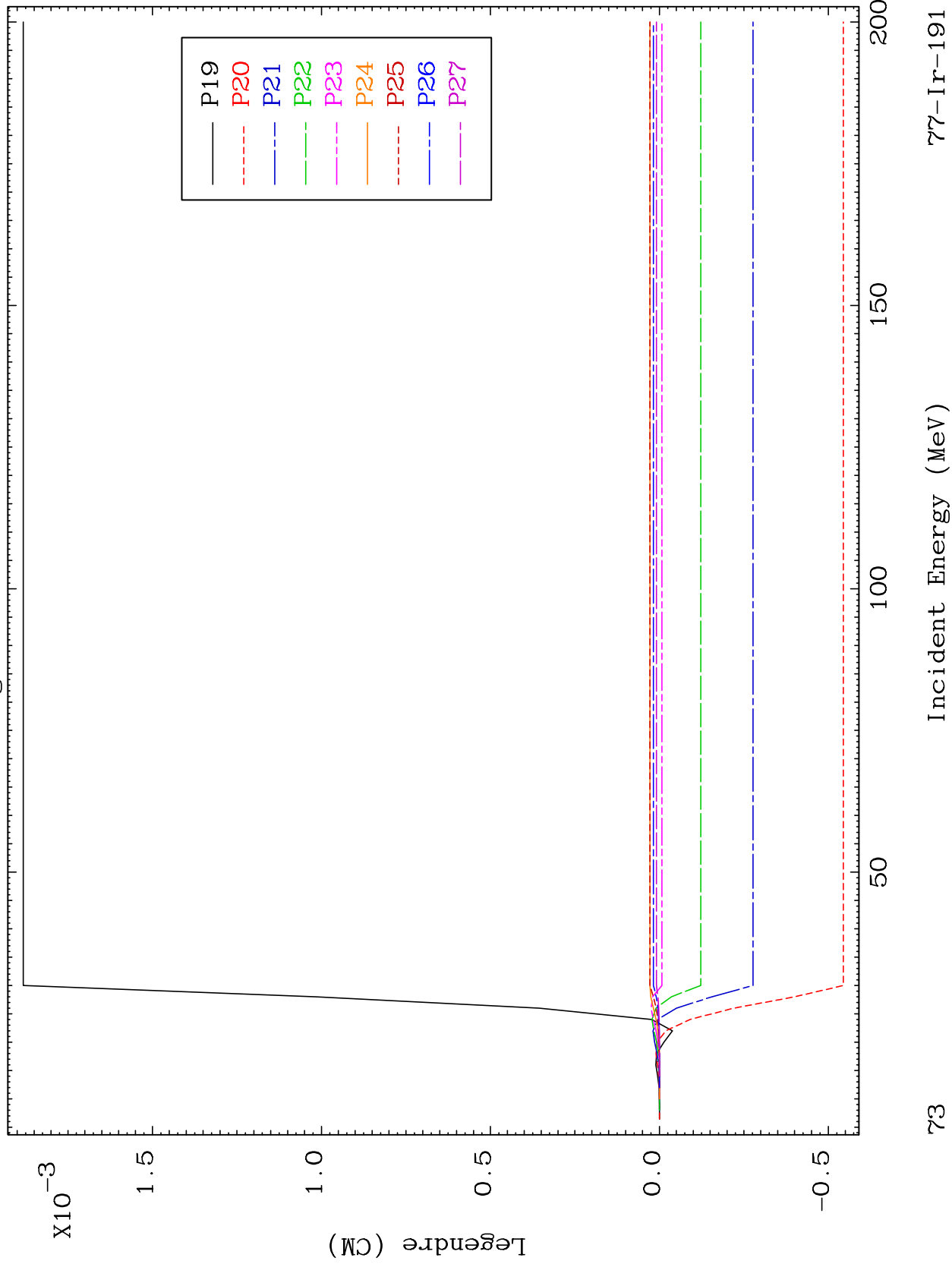
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

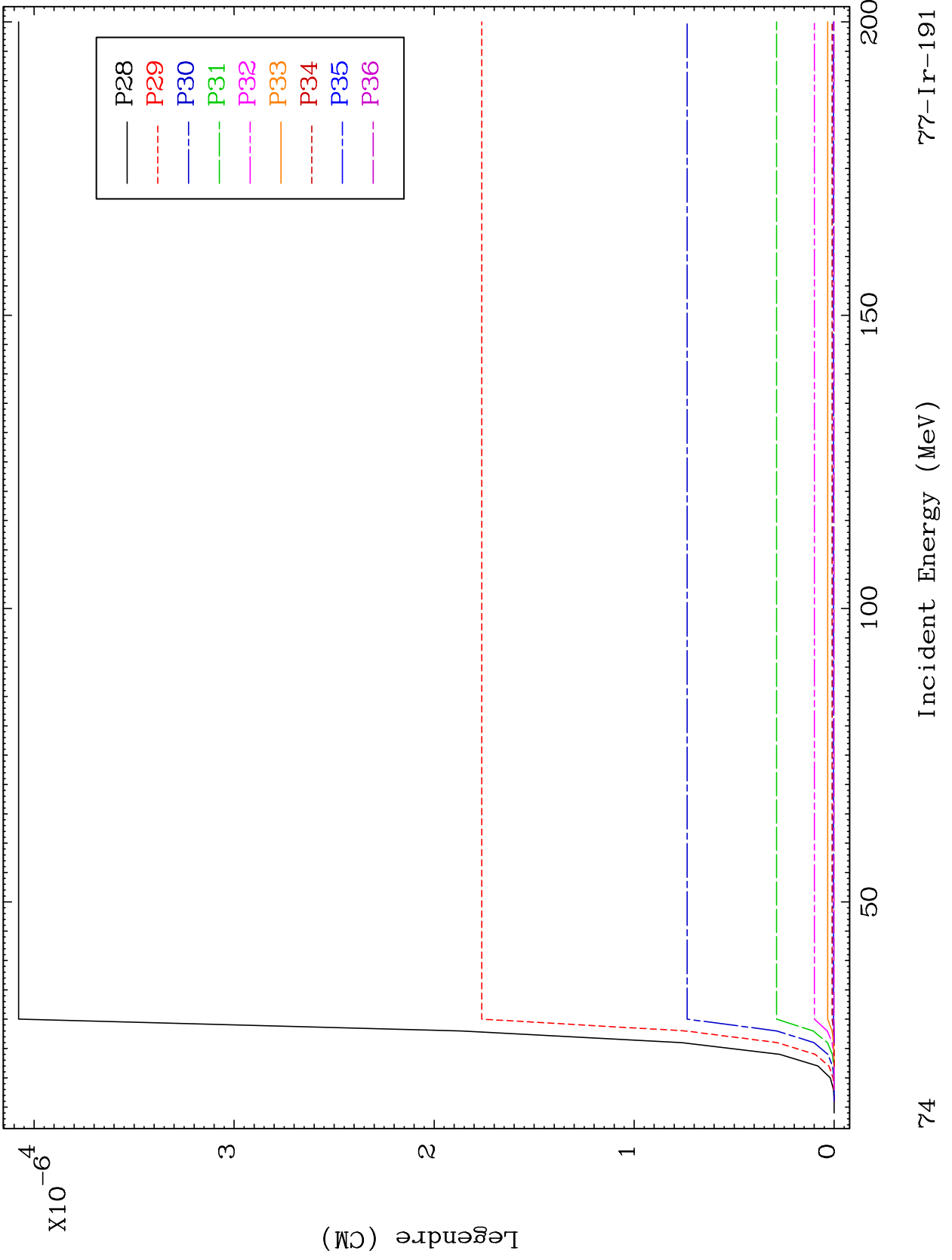
77-Ir-191



MAT 7725

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

77-Ir-191

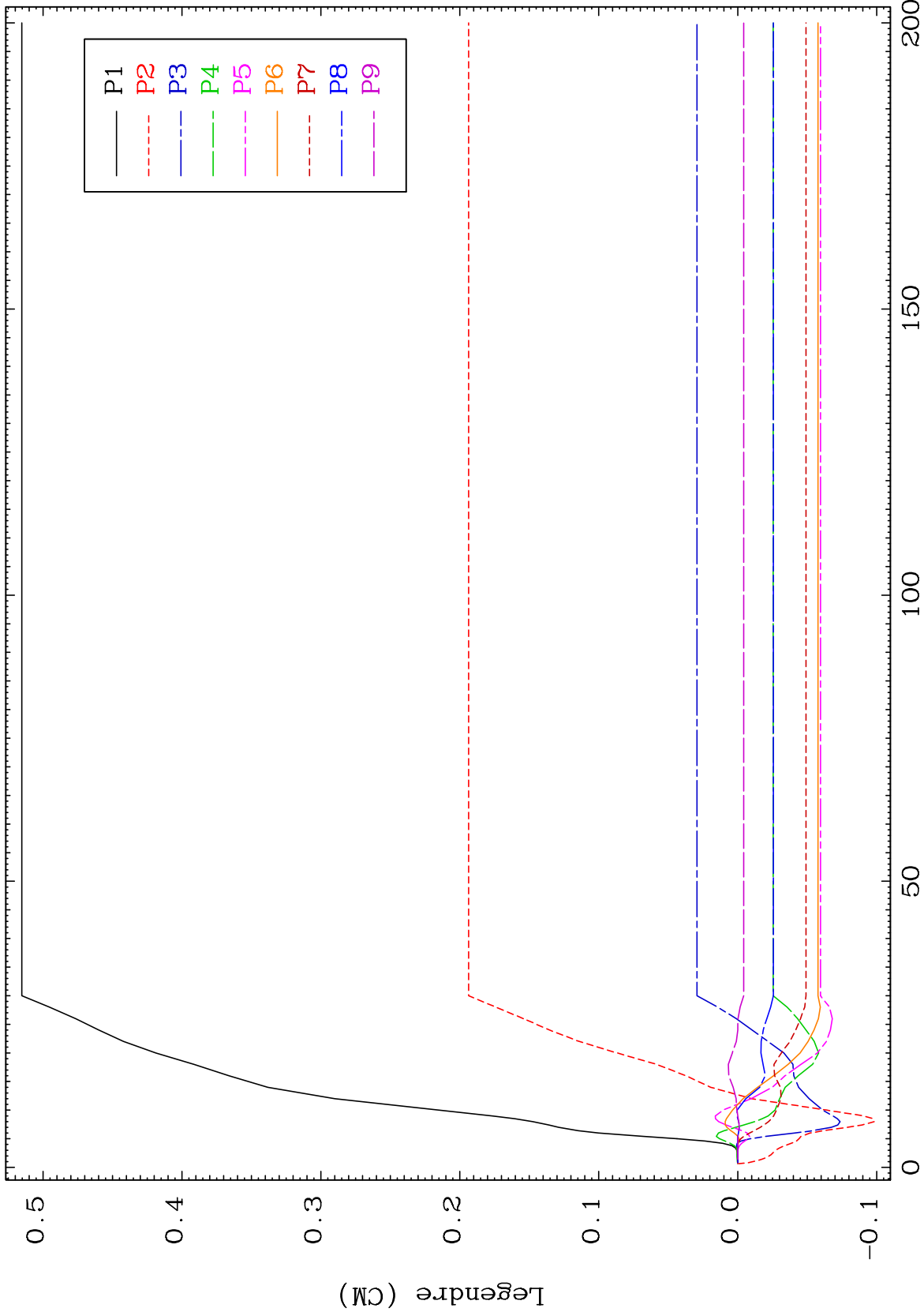


74

MAT 7725

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

77-Ir-191



75

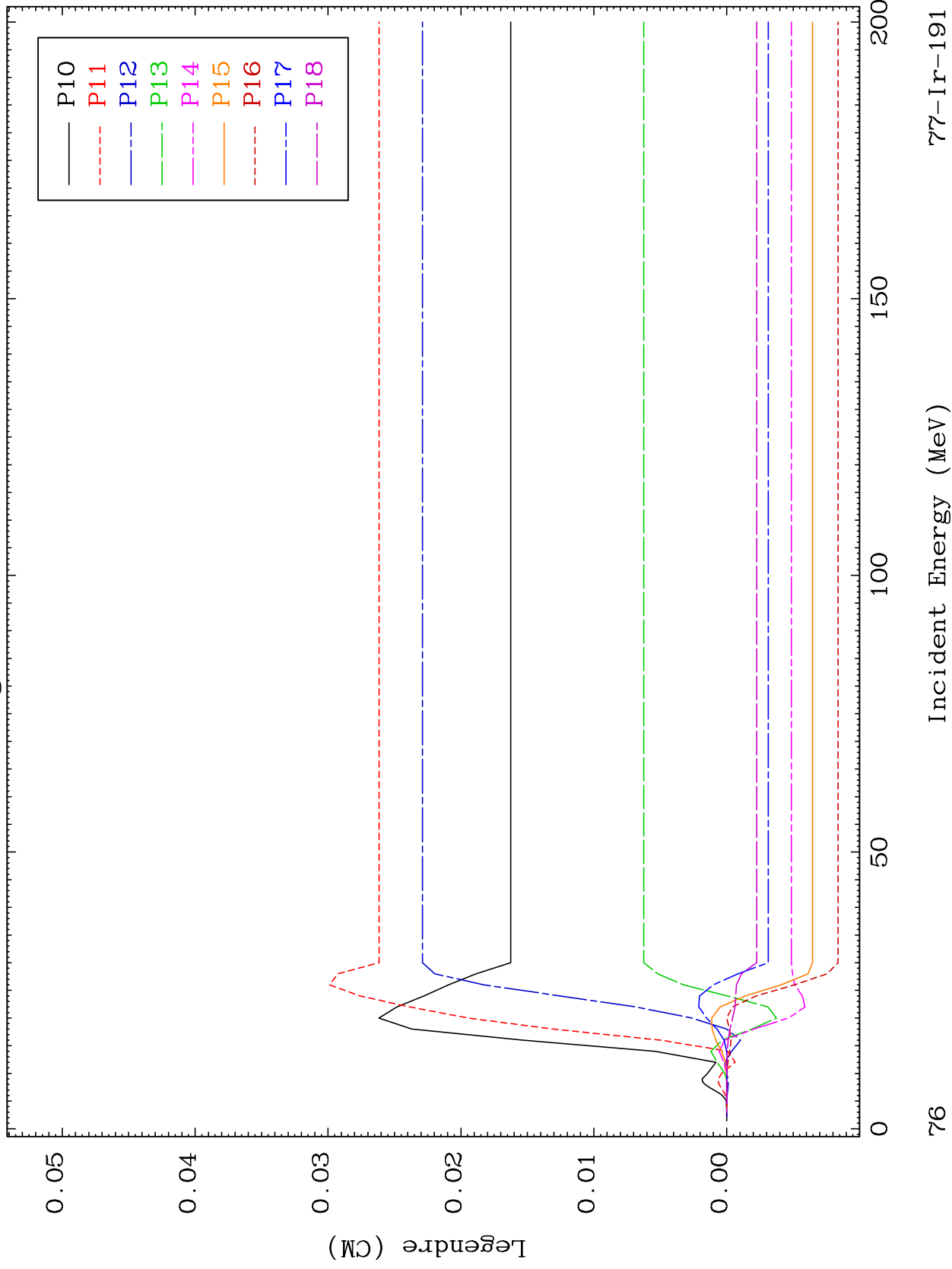
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



76

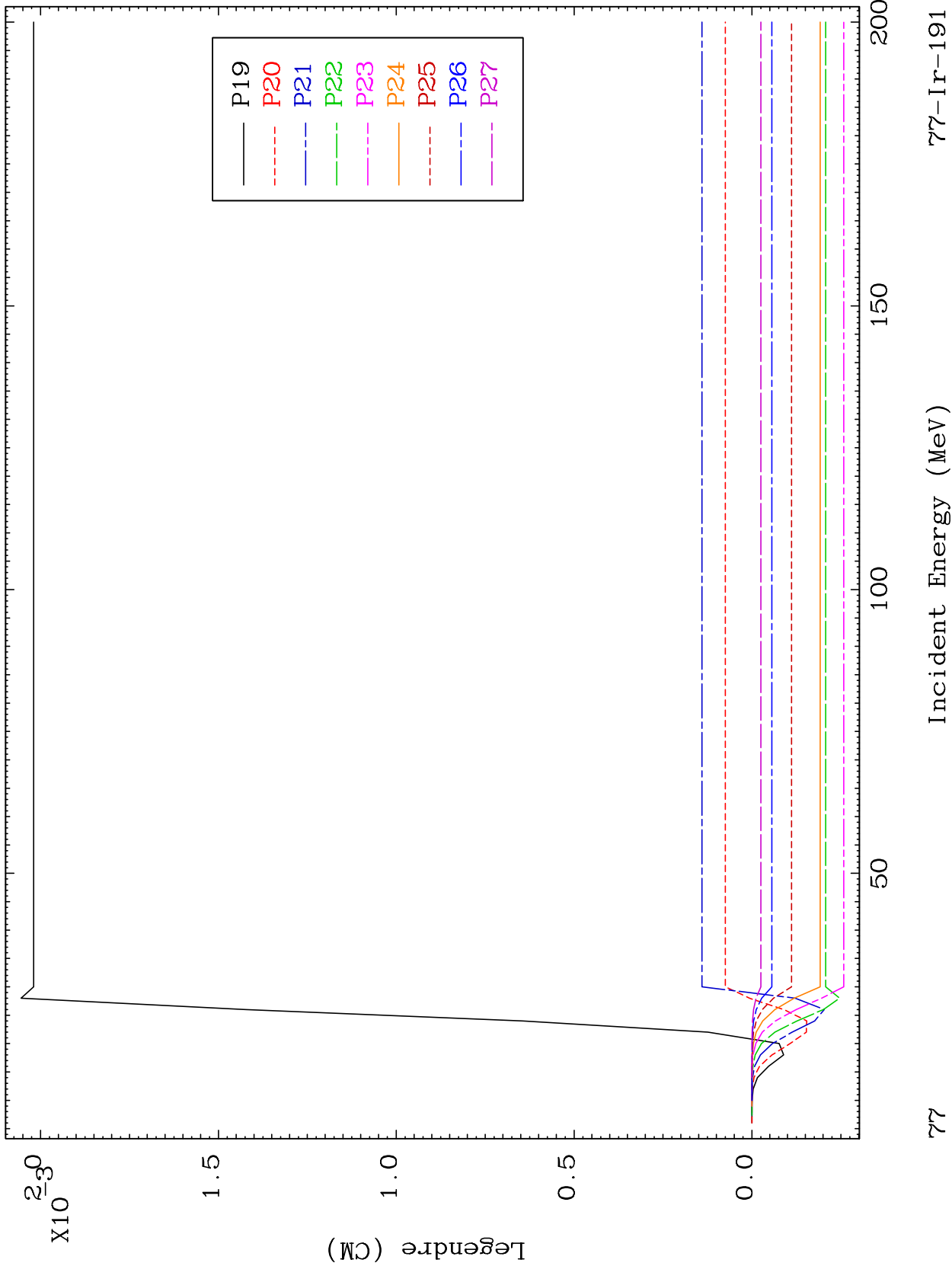
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

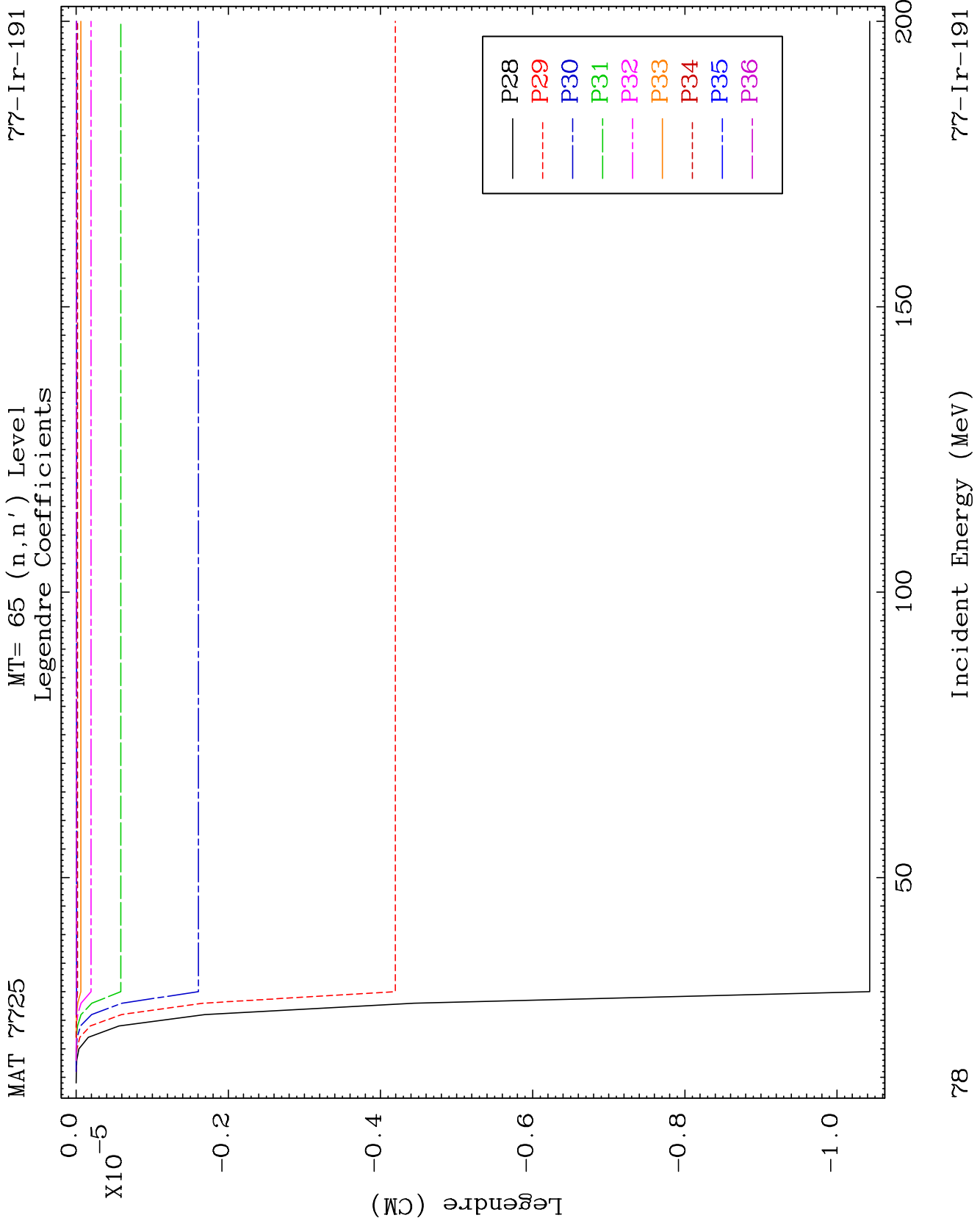
77-Ir-191



77

Incident Energy (MeV)

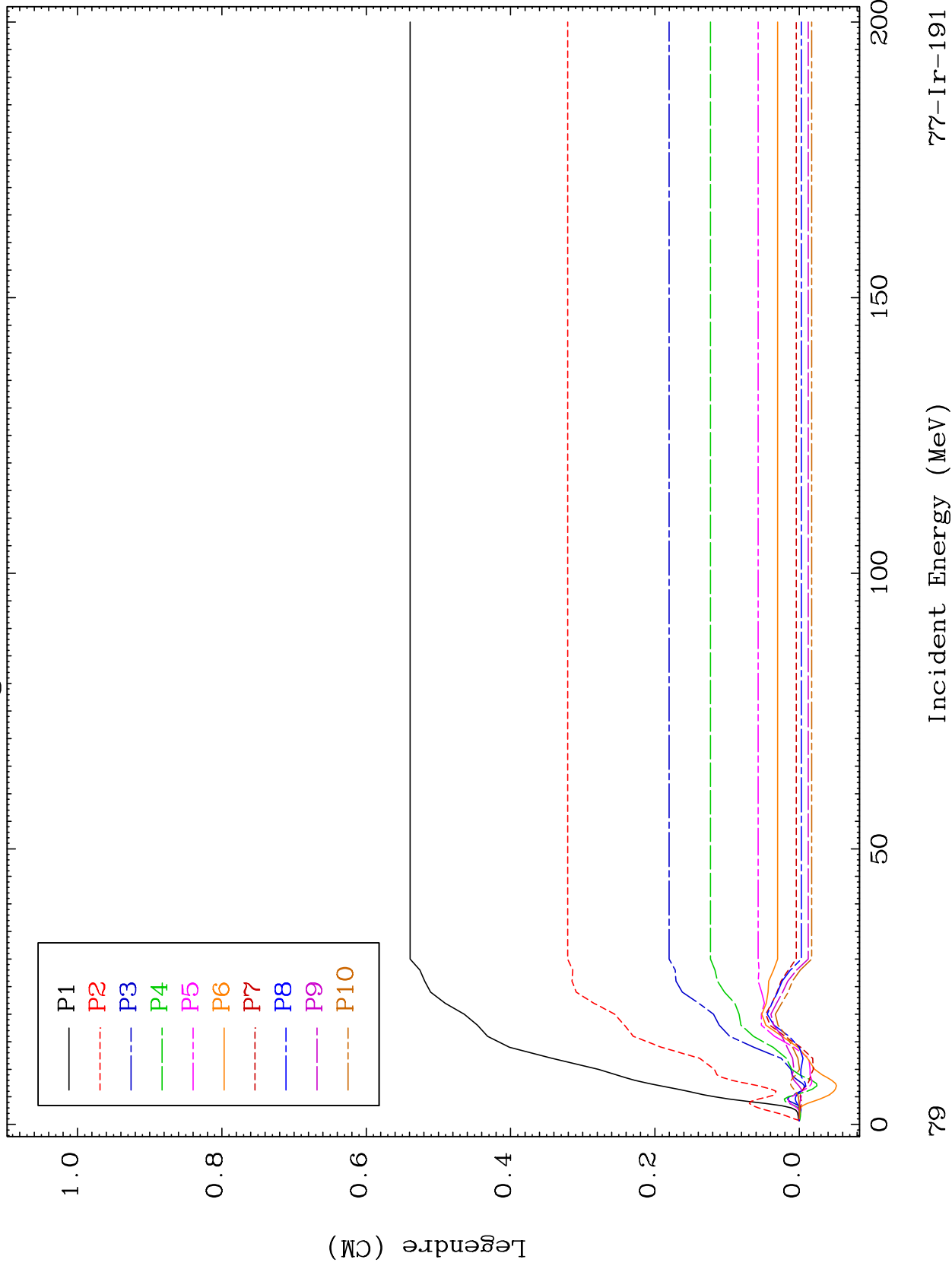
77-Ir-191



MAT 7725

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

77-Ir-191

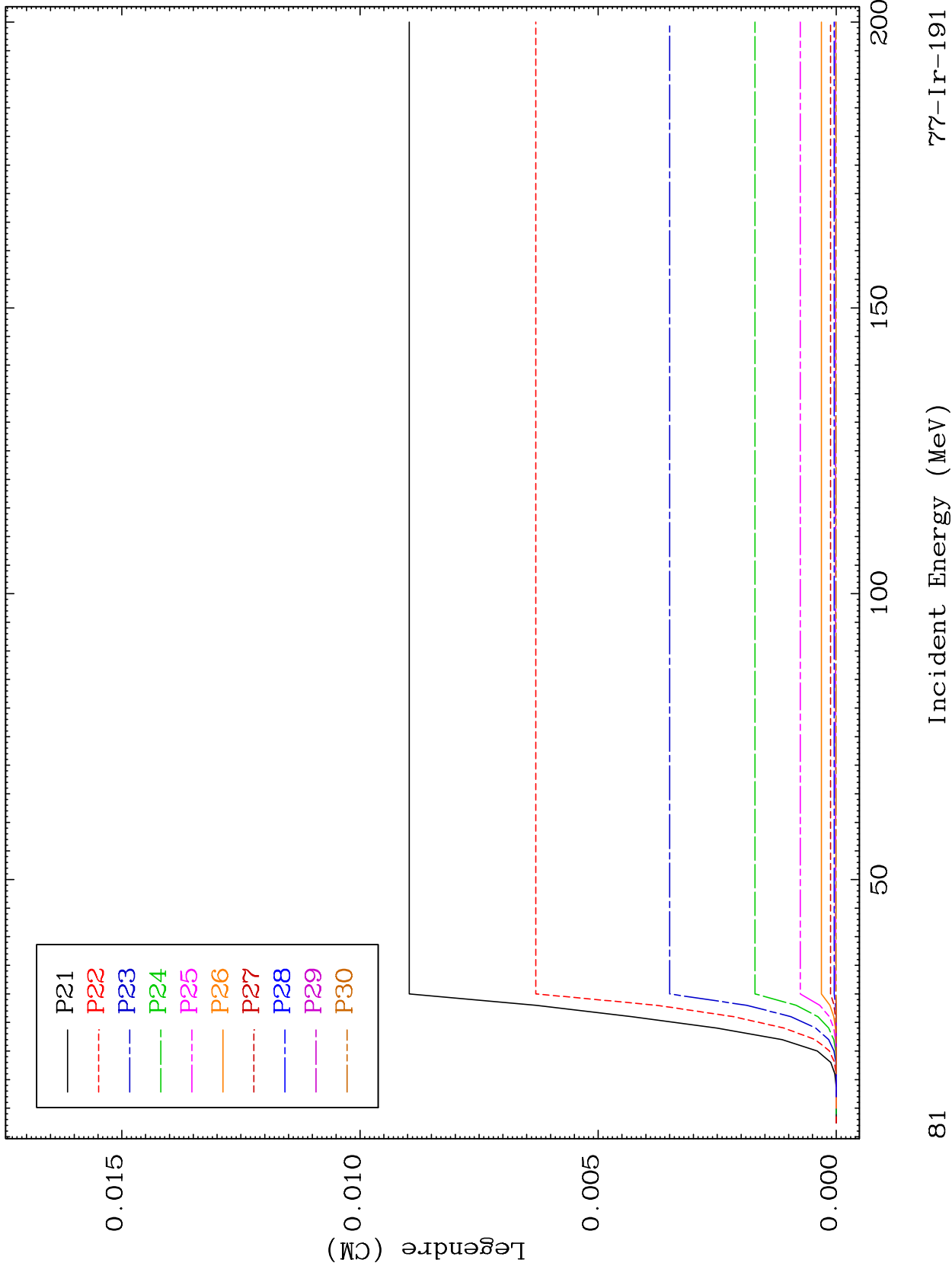


79

MAT 7725

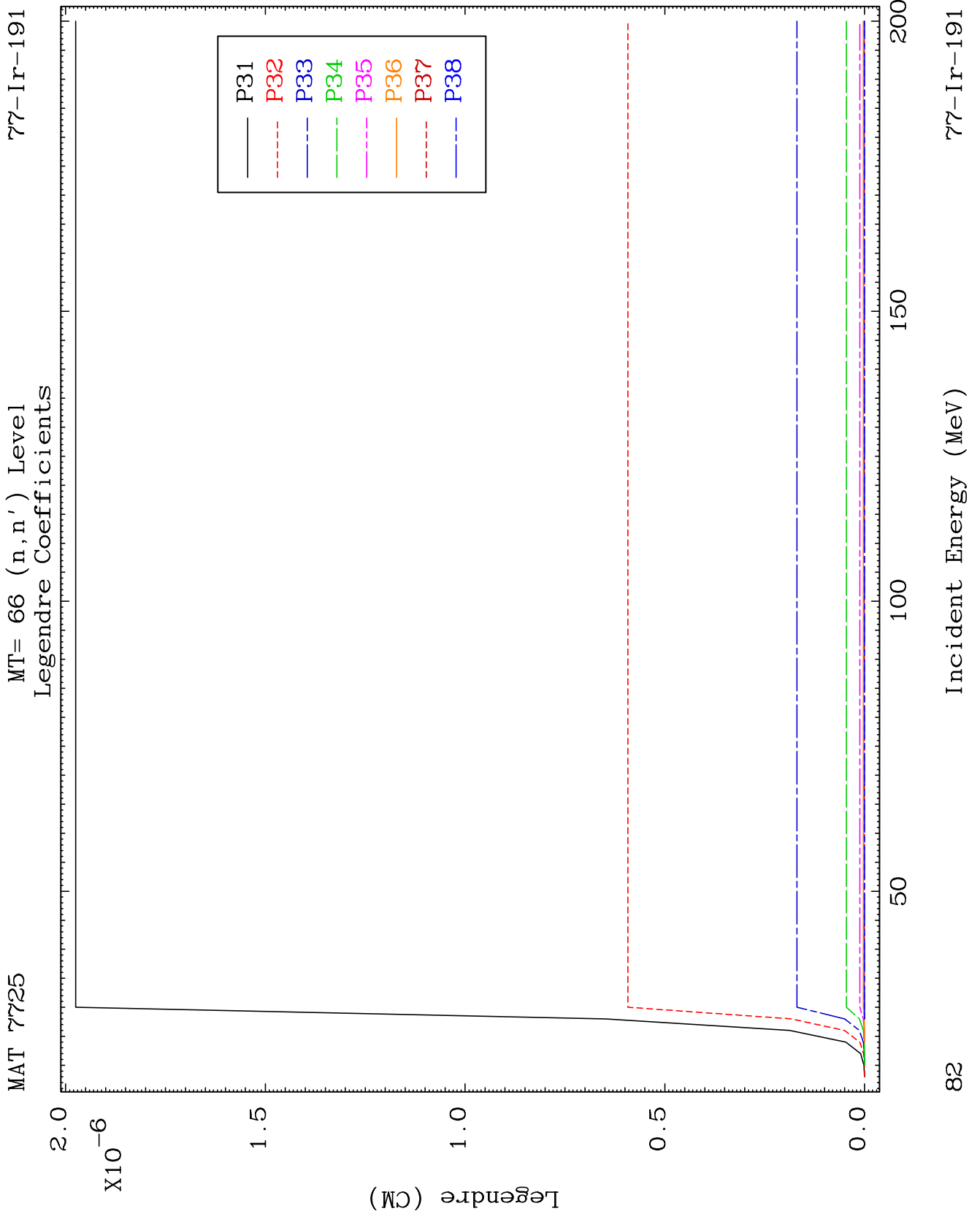
MT= 66 (n,n') Level
Legendre Coefficients

77-Ir-191



81

77-Ir-191

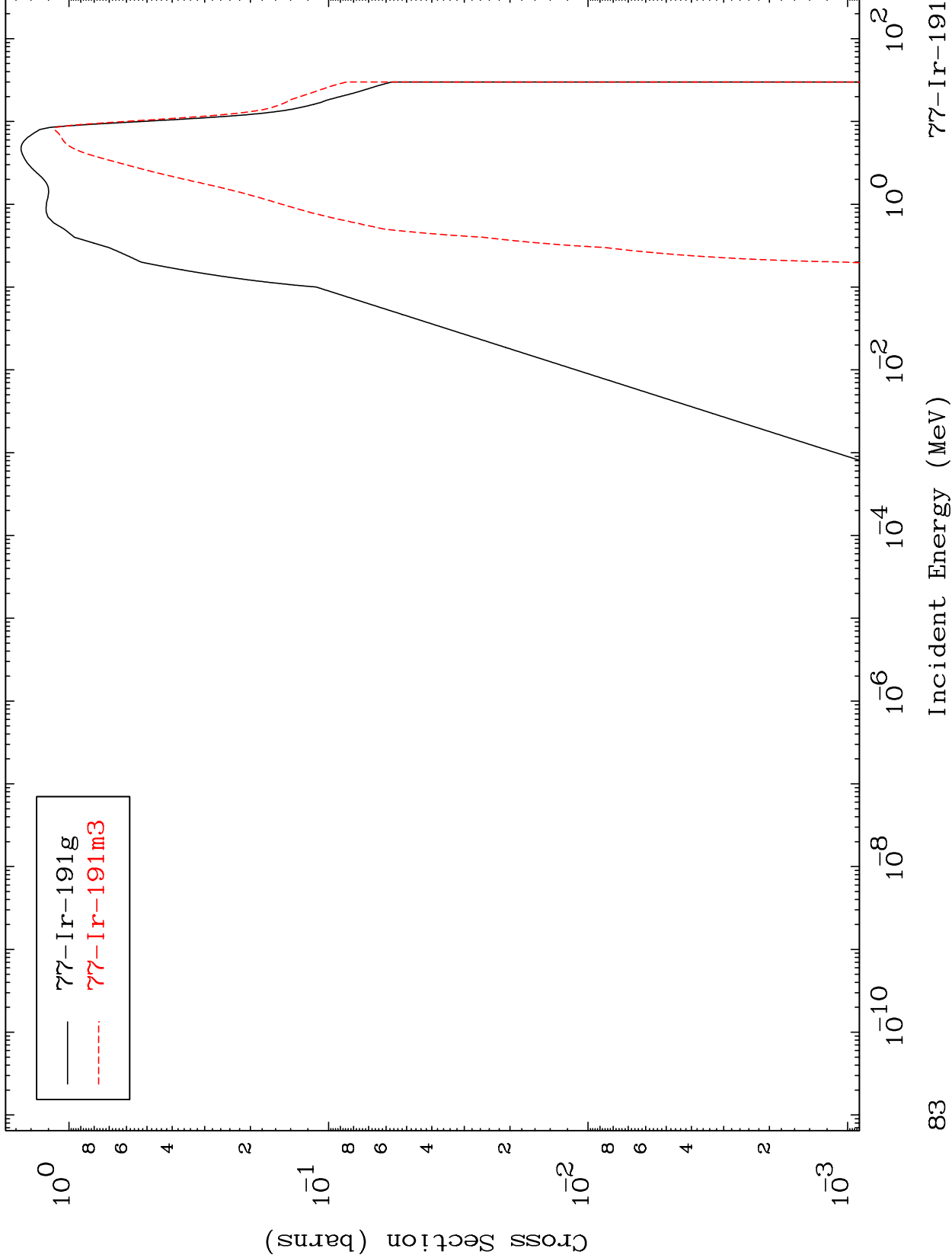


MAT 7725

Inelastic

⁷⁷Ir-191

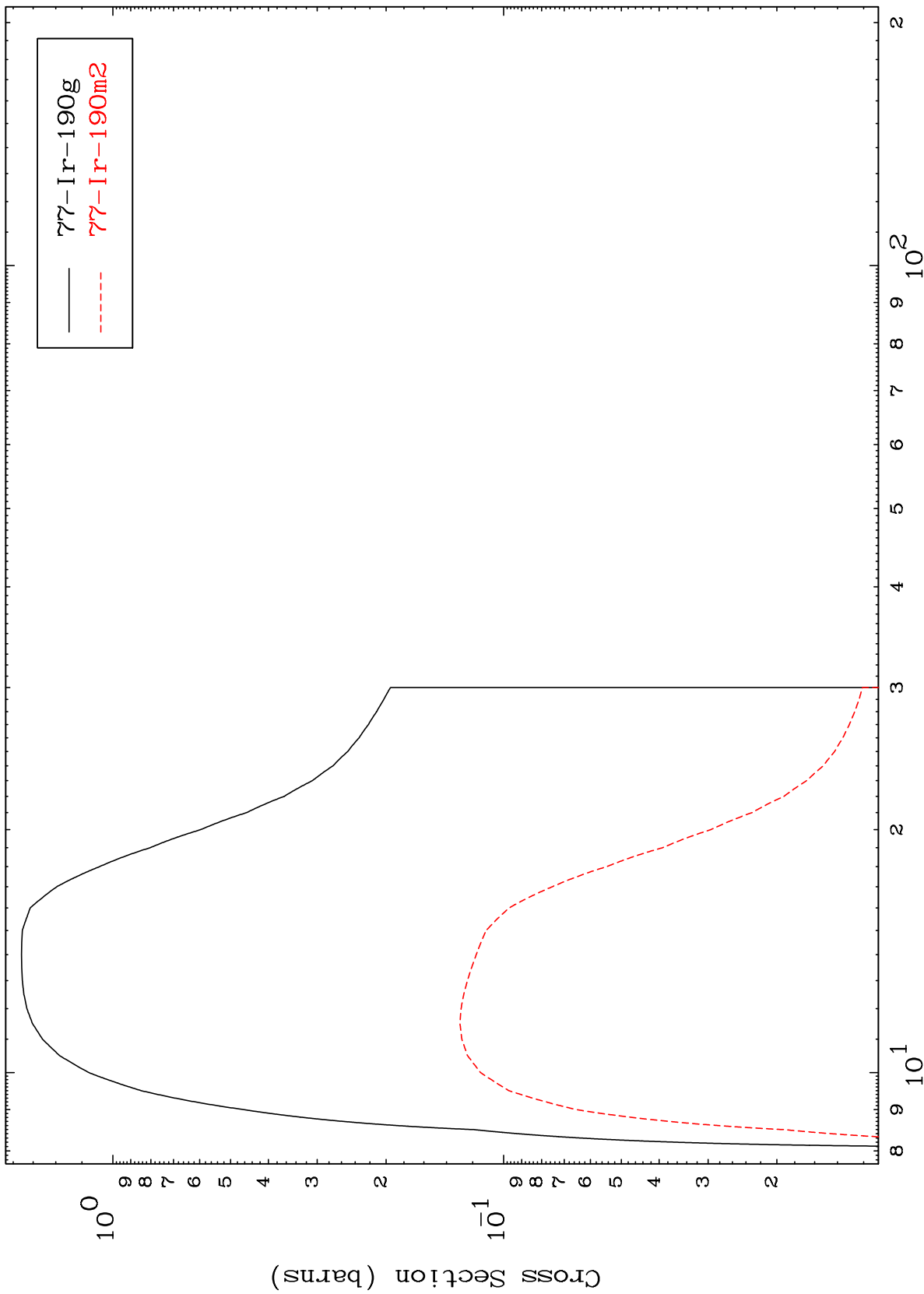
Radionuclide Production Cross Section



MAT 7725

77-Ir-191

(n,2n)
Radionuclide Production Cross Section



84

Incident Energy (MeV)

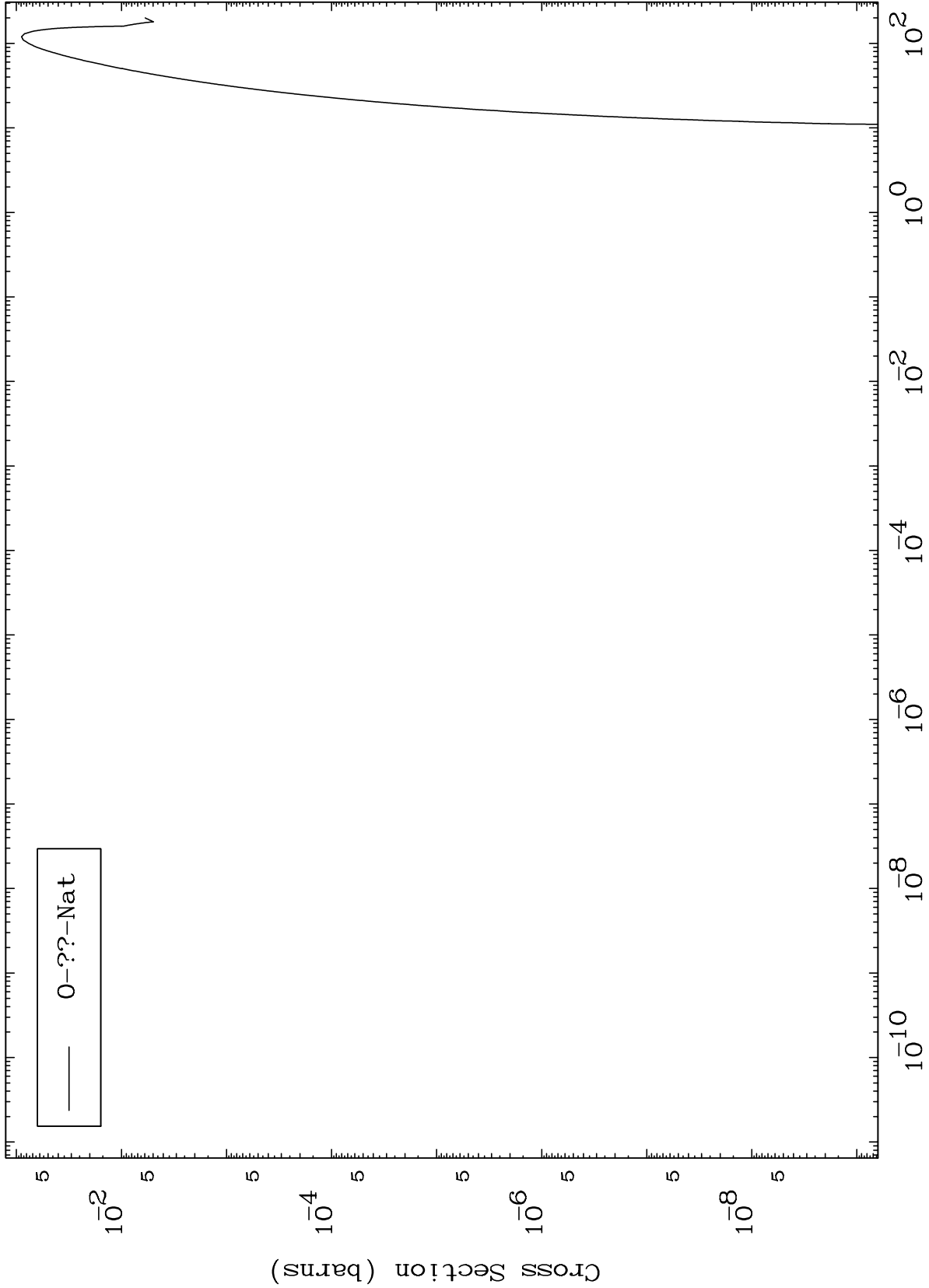
77-Ir-191

MAT 7725

Fission

⁷⁷Ir-191

Radionuclide Production Cross Section

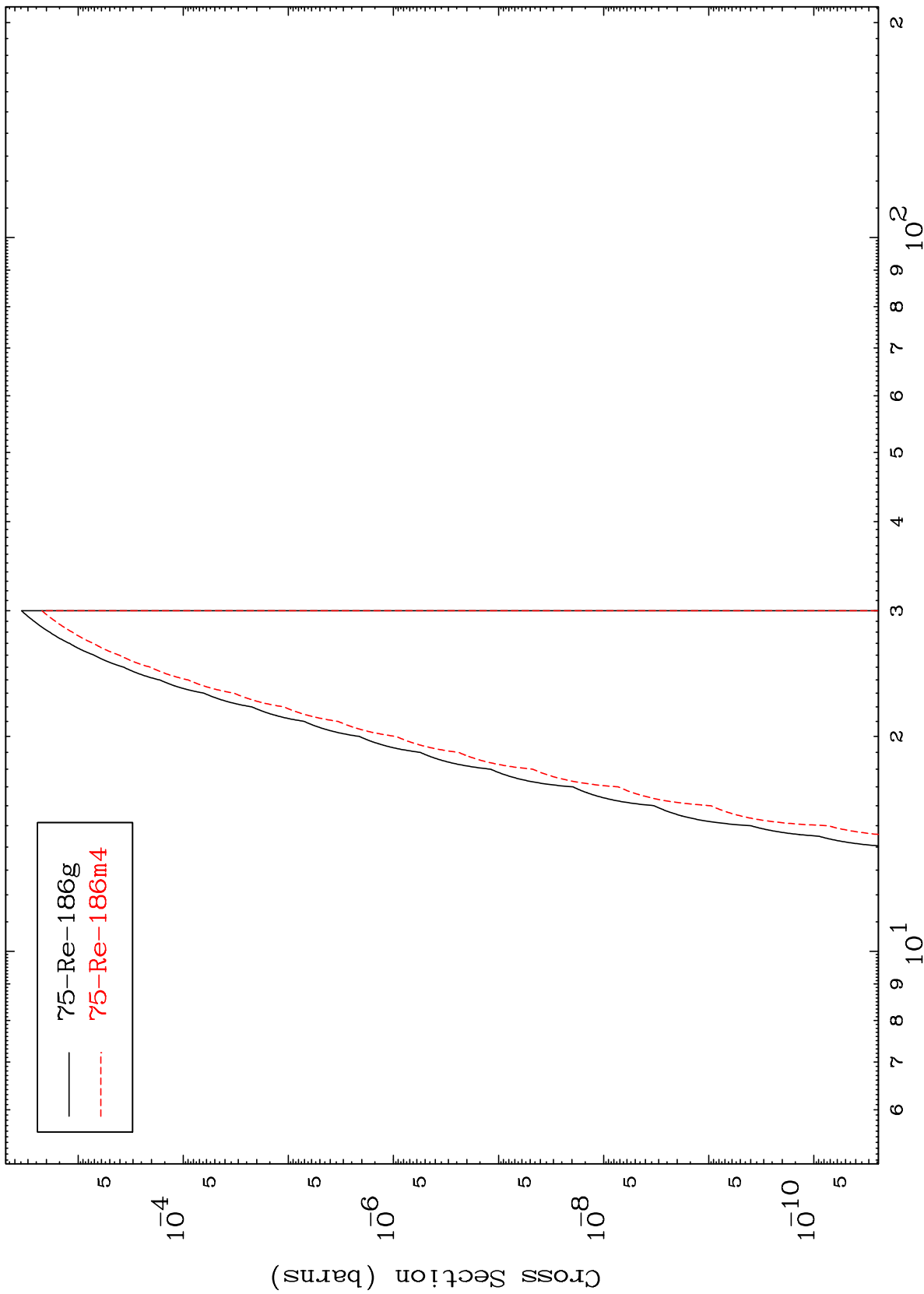


85

Incident Energy (MeV)

⁷⁷Ir-191

Radionuclide Production Cross Section

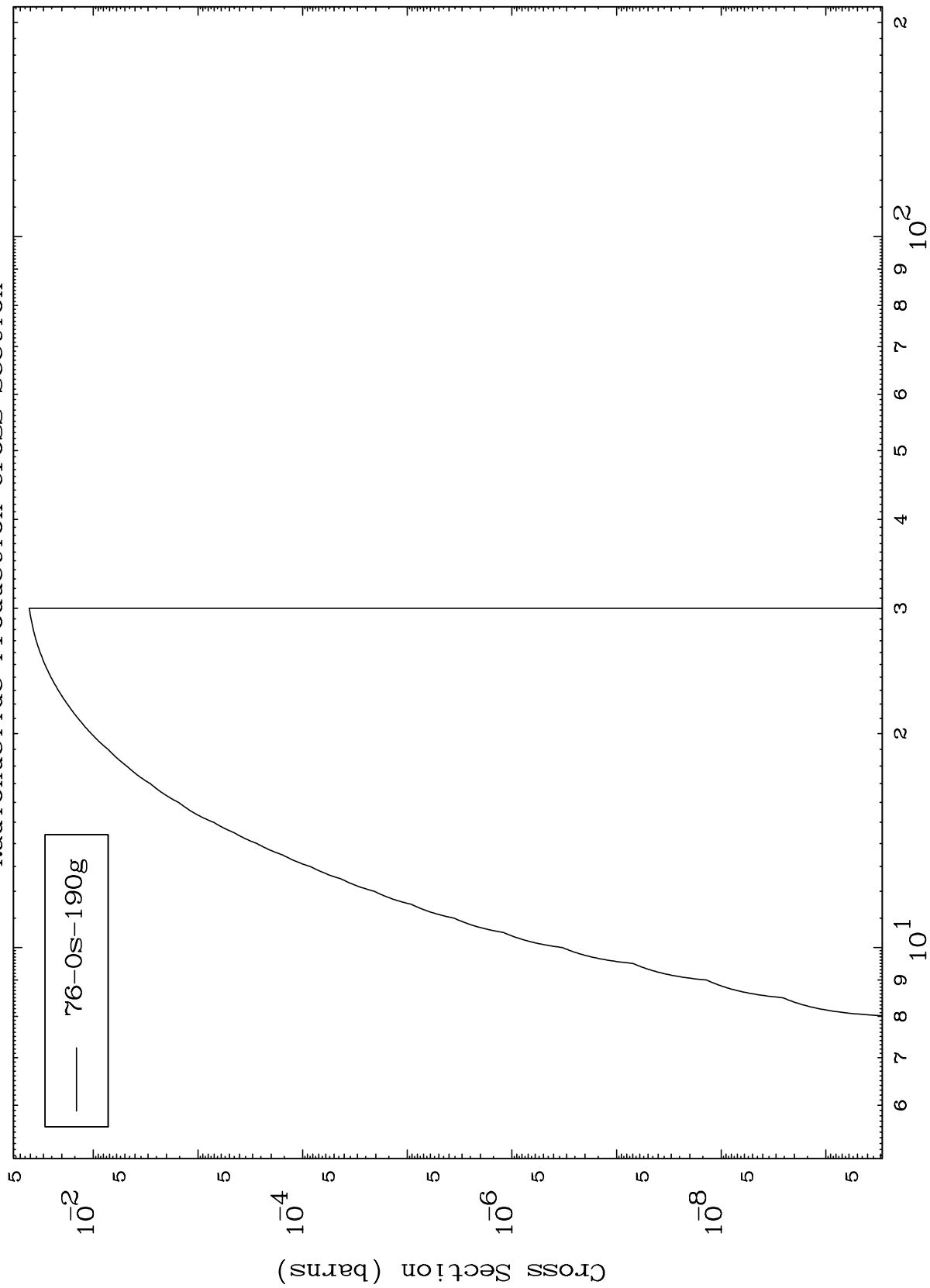


MAT 7725

(n,n') p

77-Ir-191

Radionuclide Production Cross Section

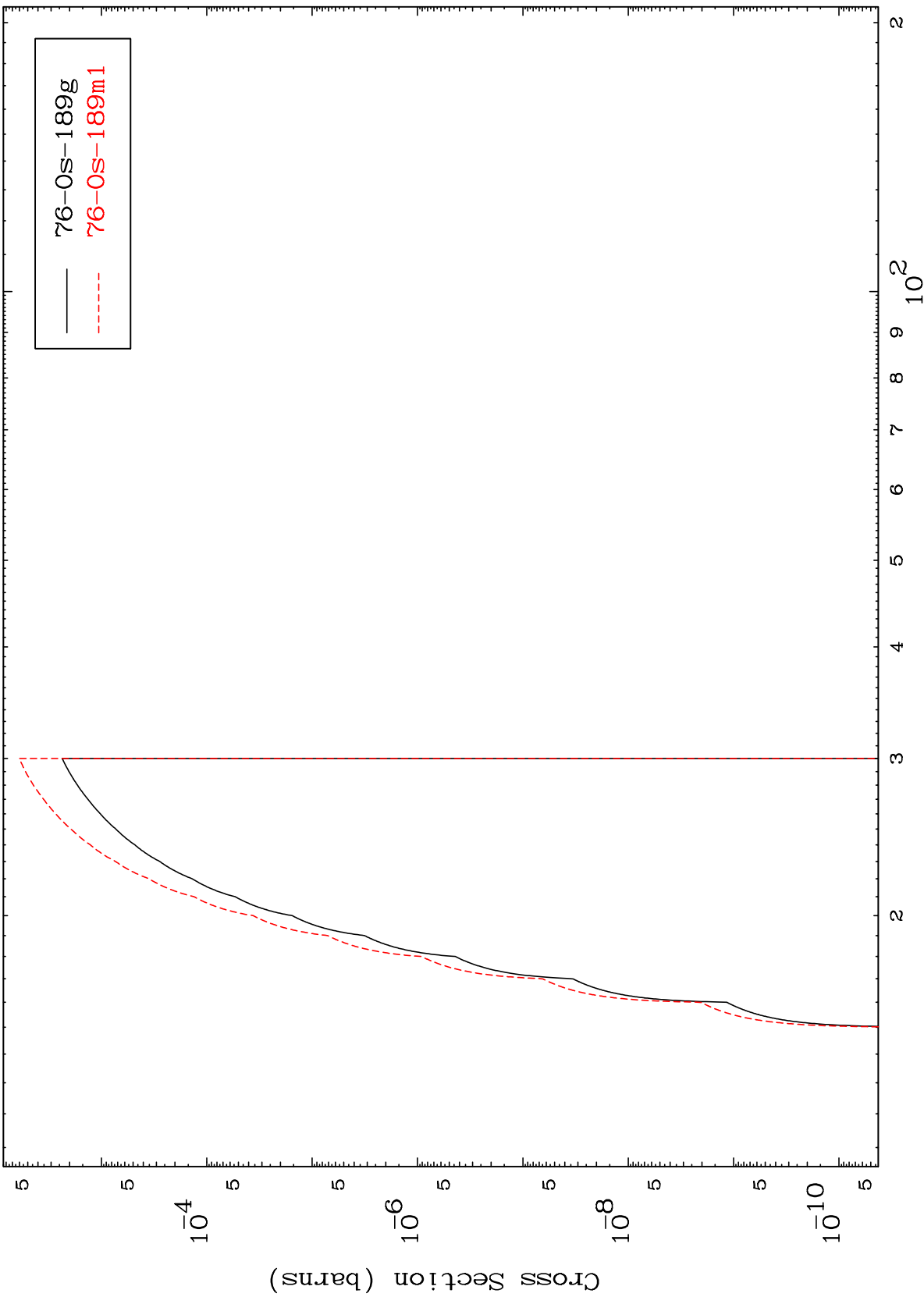


87

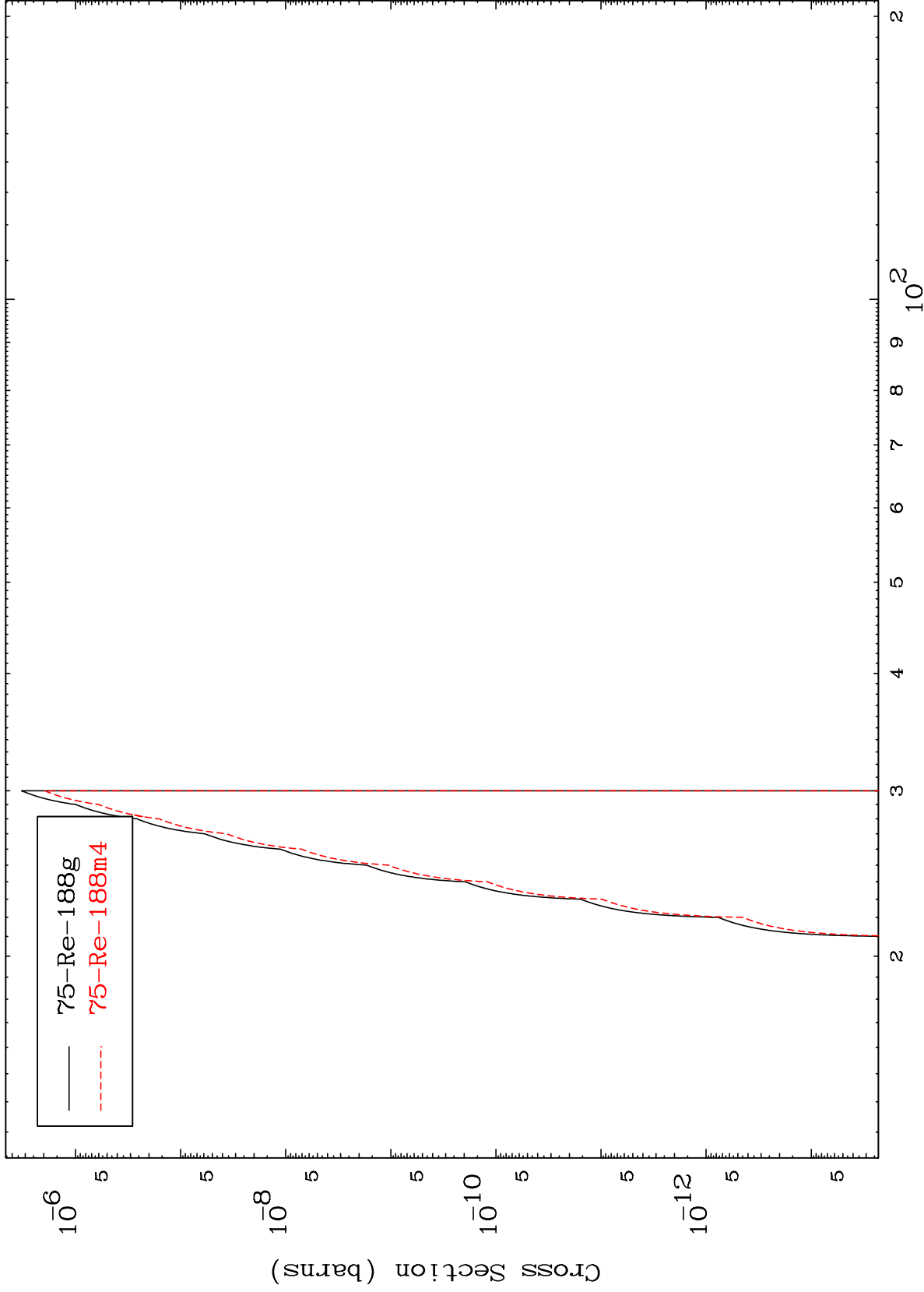
Incident Energy (MeV)

77-Ir-191

Radionuclide Production Cross Section



Radionuclide Production Cross Section

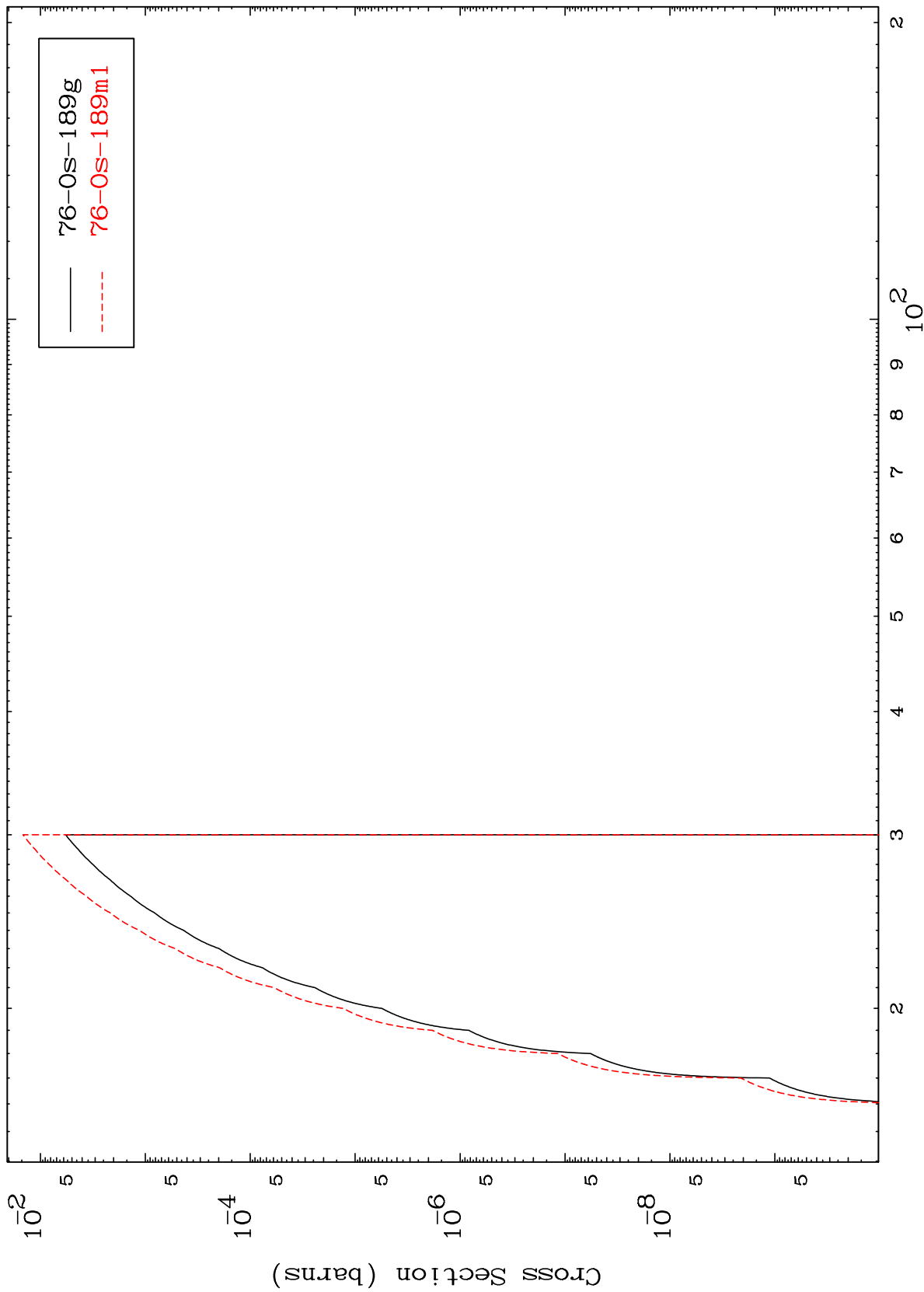


MAT 7725

(n,2n) p

77-Ir-191

Radionuclide Production Cross Section



90

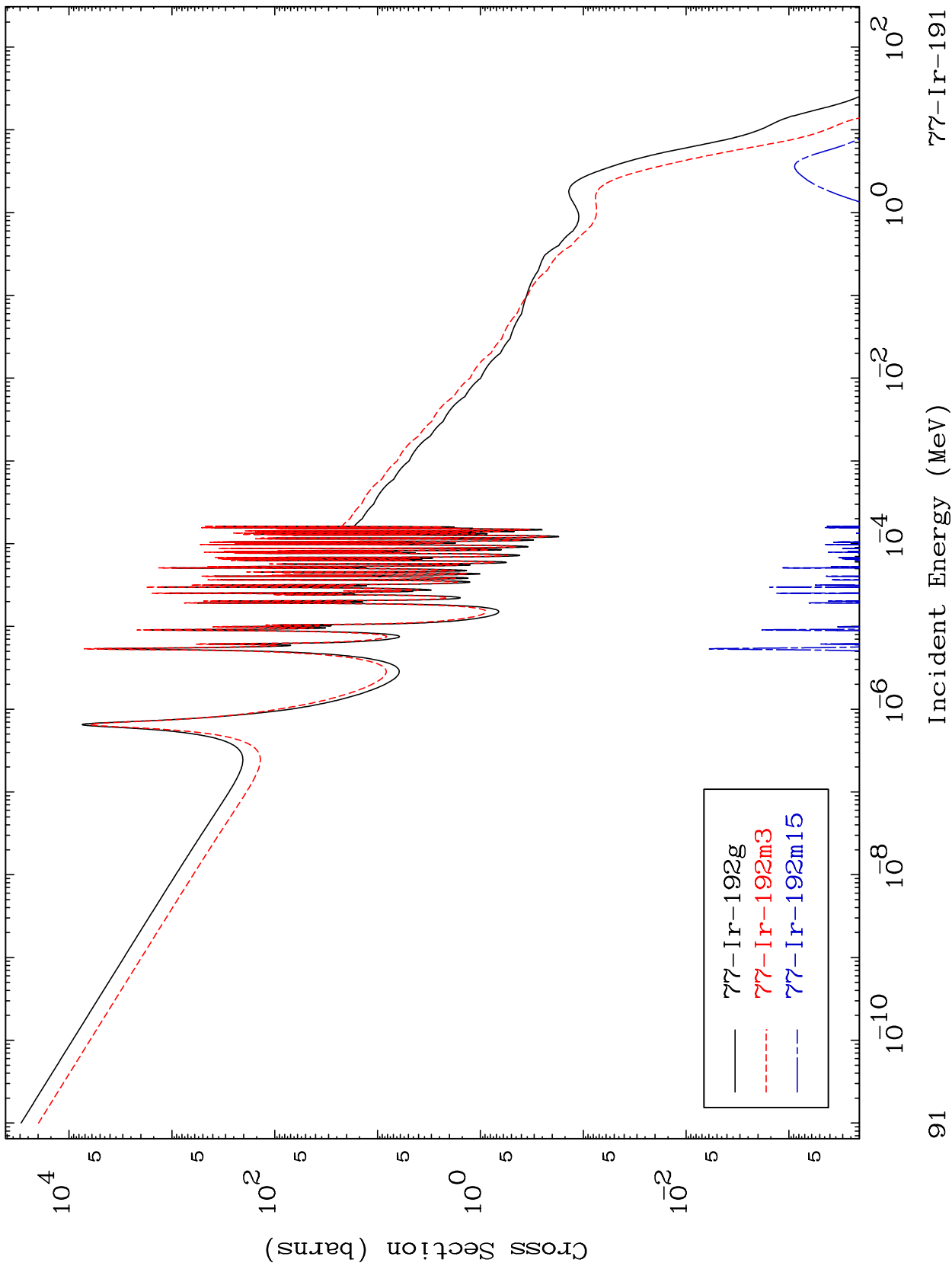
Incident Energy (MeV)

77-Ir-191

MAT 7725

77-Ir-191

(n,γ)
Radionuclide Production Cross Section

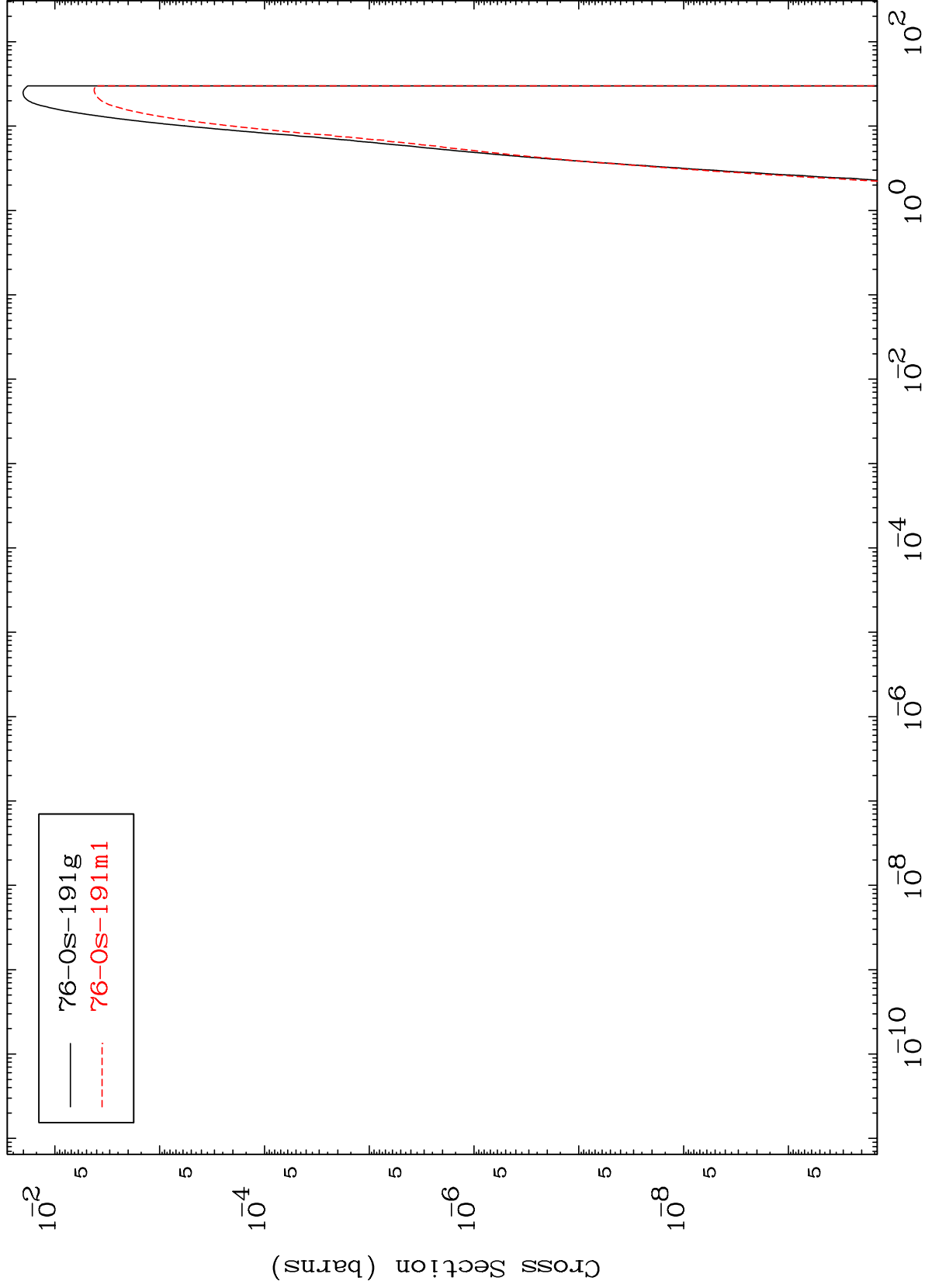


MAT 7725

(n,p)

⁷⁷Ir-191

Radionuclide Production Cross Section



— 76Os-191g
- - - 76Os-191m1

92

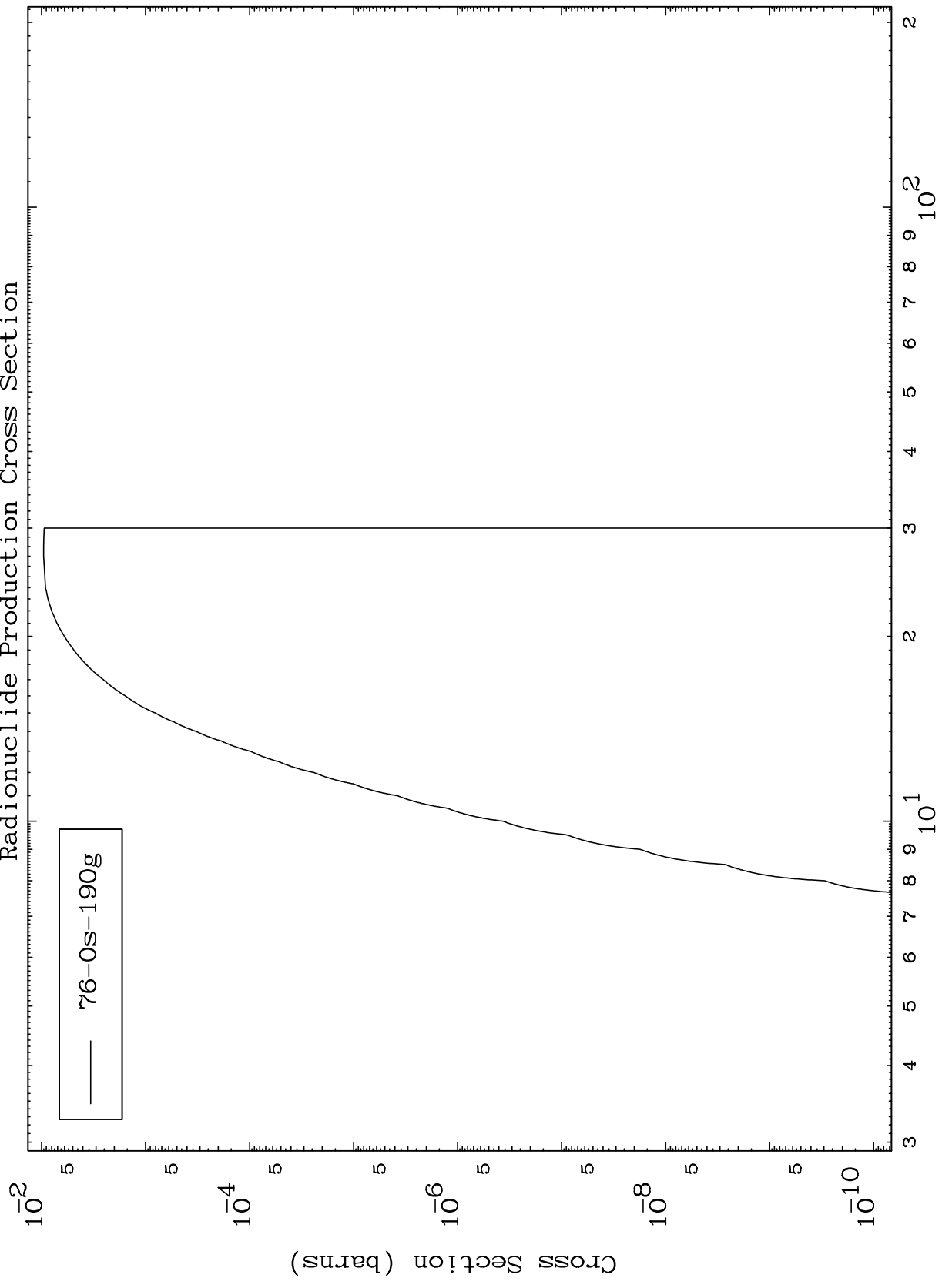
Incident Energy (MeV)

⁷⁷Ir-191

MAT 7725

77-Ir-191

Radionuclide Production Cross Section



Incident Energy (MeV)

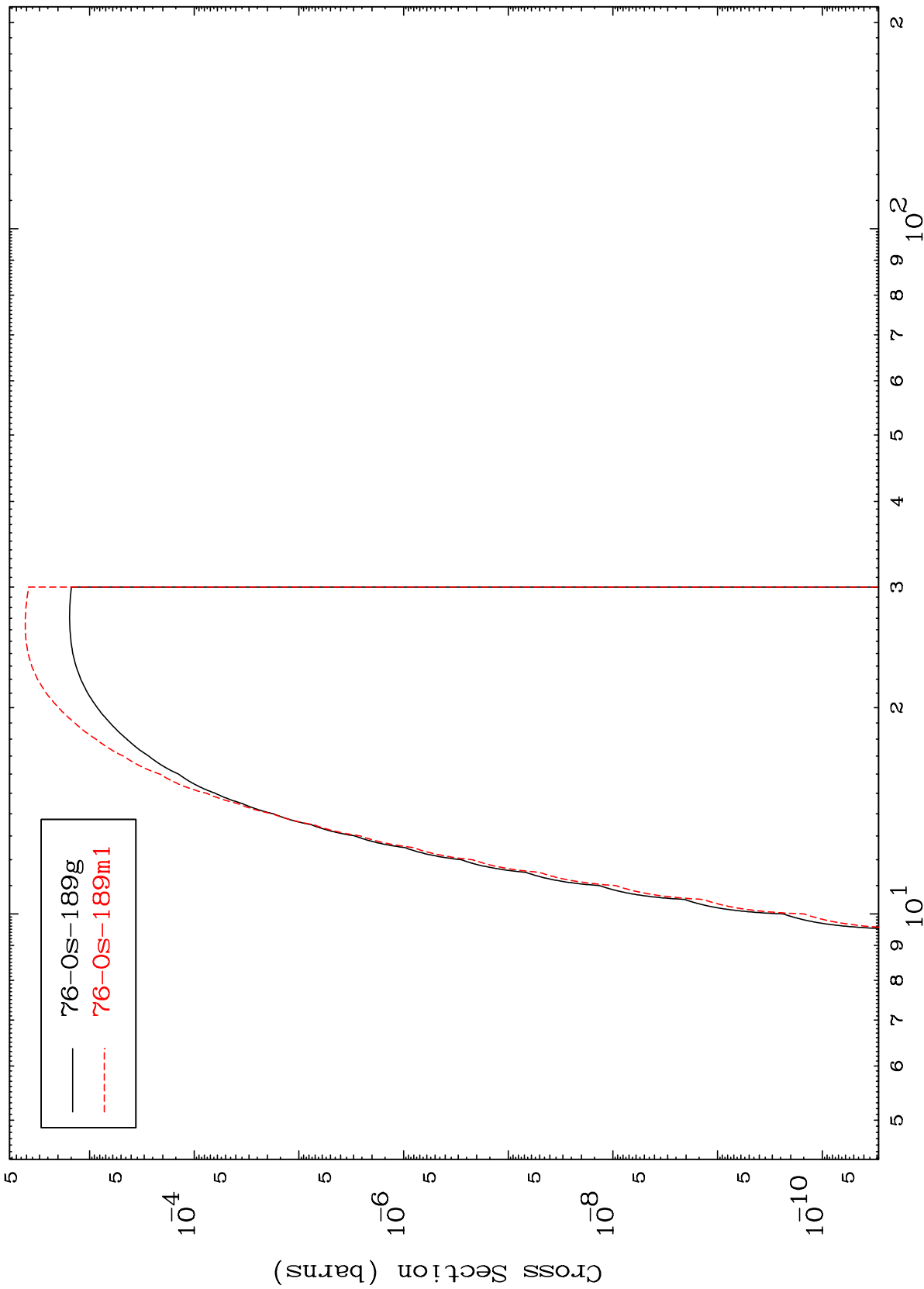
77-Ir-191

93

MAT 7725

77-Ir-191

(n, t)
Radionuclide Production Cross Section



94

Incident Energy (MeV)

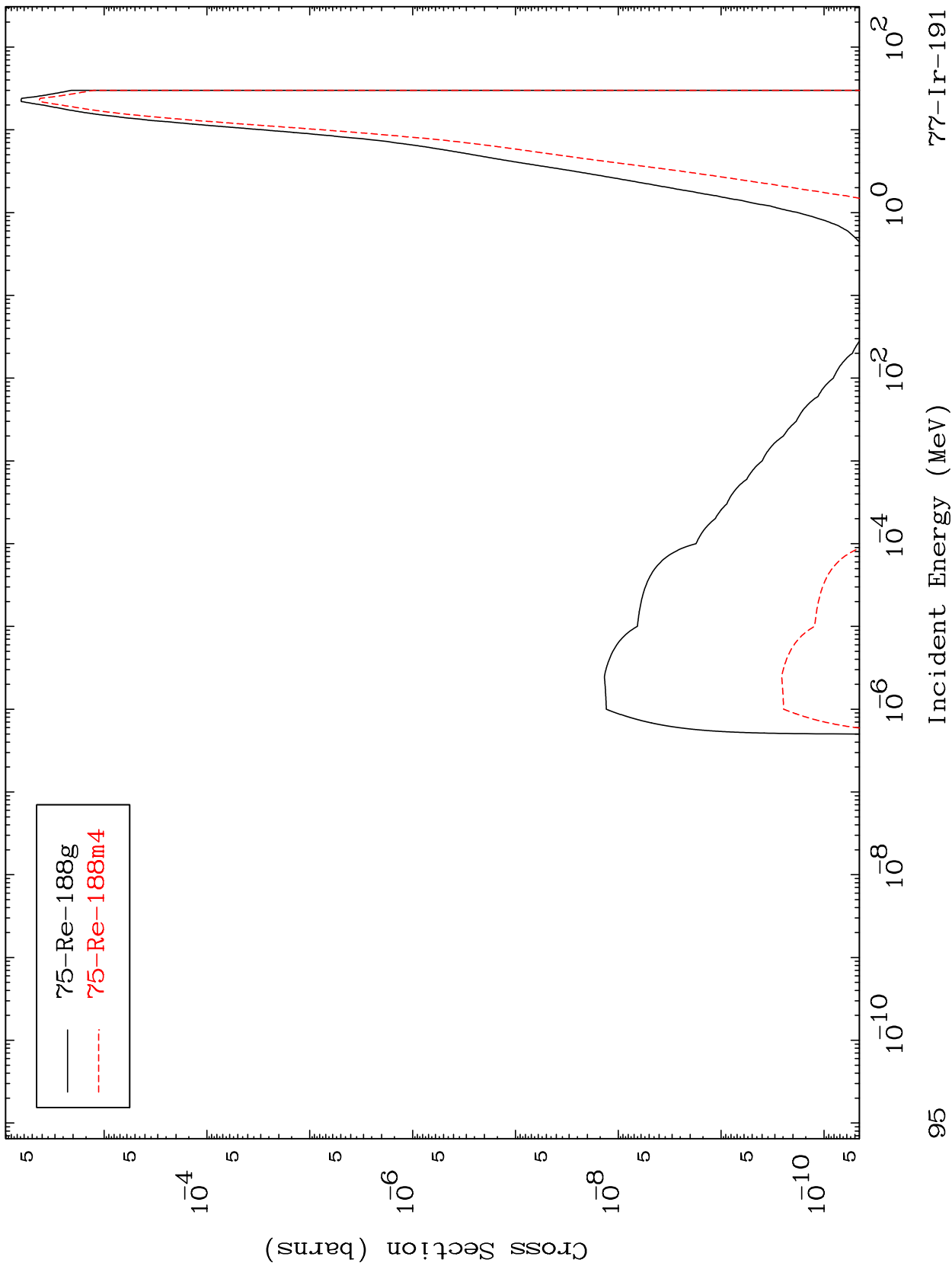
77-Ir-191

MAT 7725

(n, α)

⁷⁷Ir-191

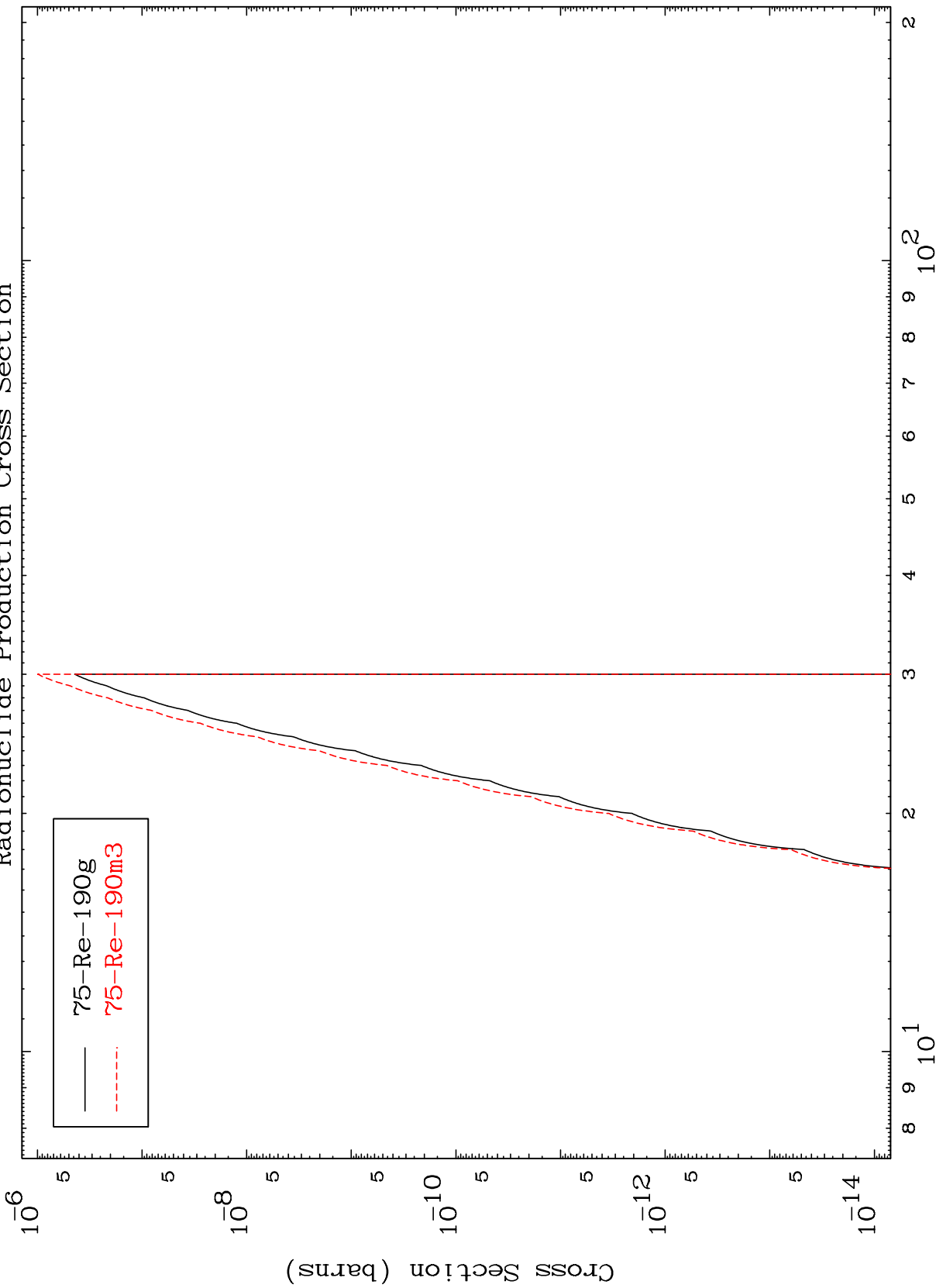
Radionuclide Production Cross Section



MAT 7725

77-Ir-191

(n,2p)
Radionuclide Production Cross Section



75-Re-190g
75-Re-190m3

96

Incident Energy (MeV)

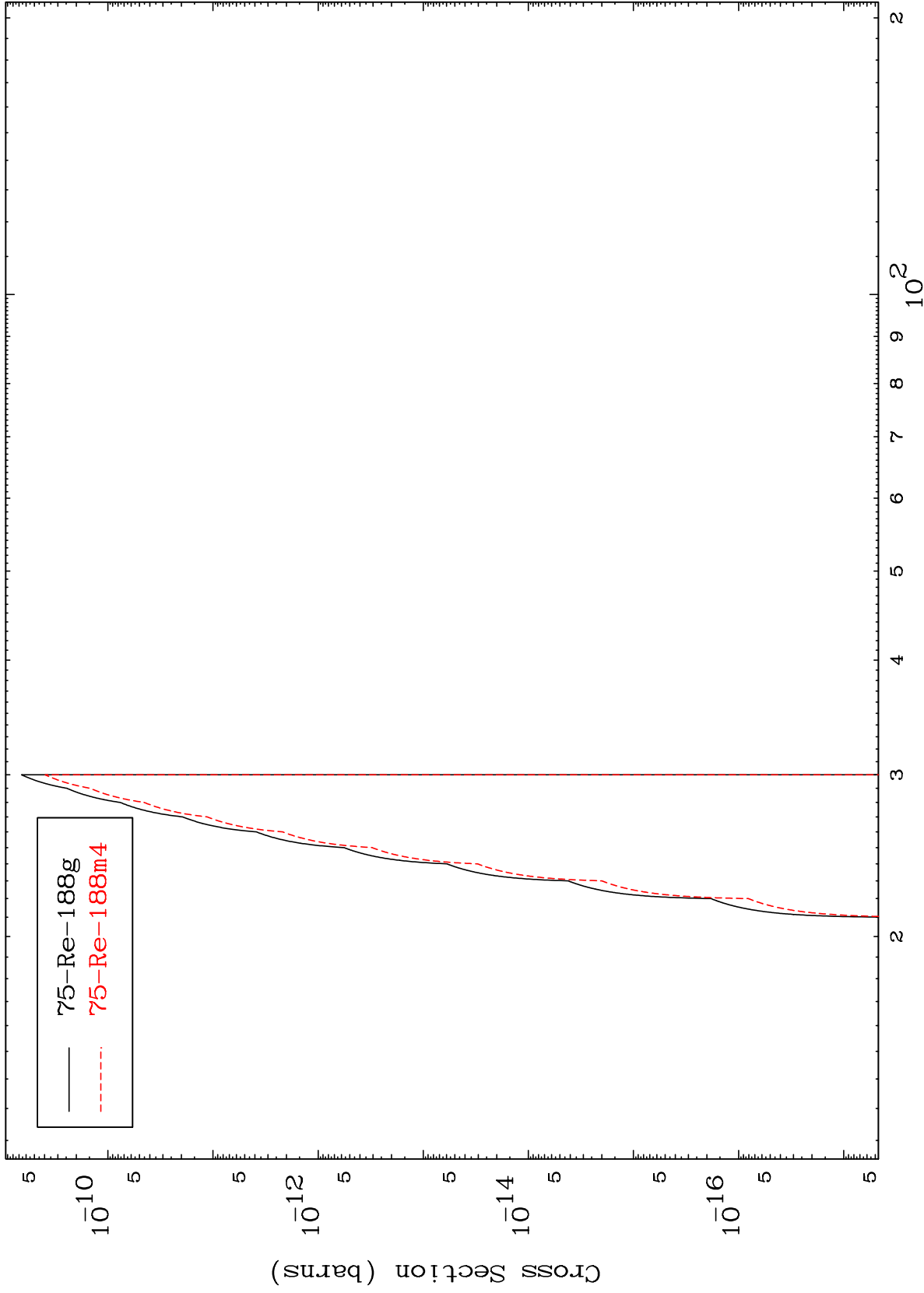
77-Ir-191

MAT 7725

(n,p) t

⁷⁷Ir-191

Radionuclide Production Cross Section



97

Incident Energy (MeV)

⁷⁷Ir-191