

Program EVALPLOT
(Version 2021-1)

by

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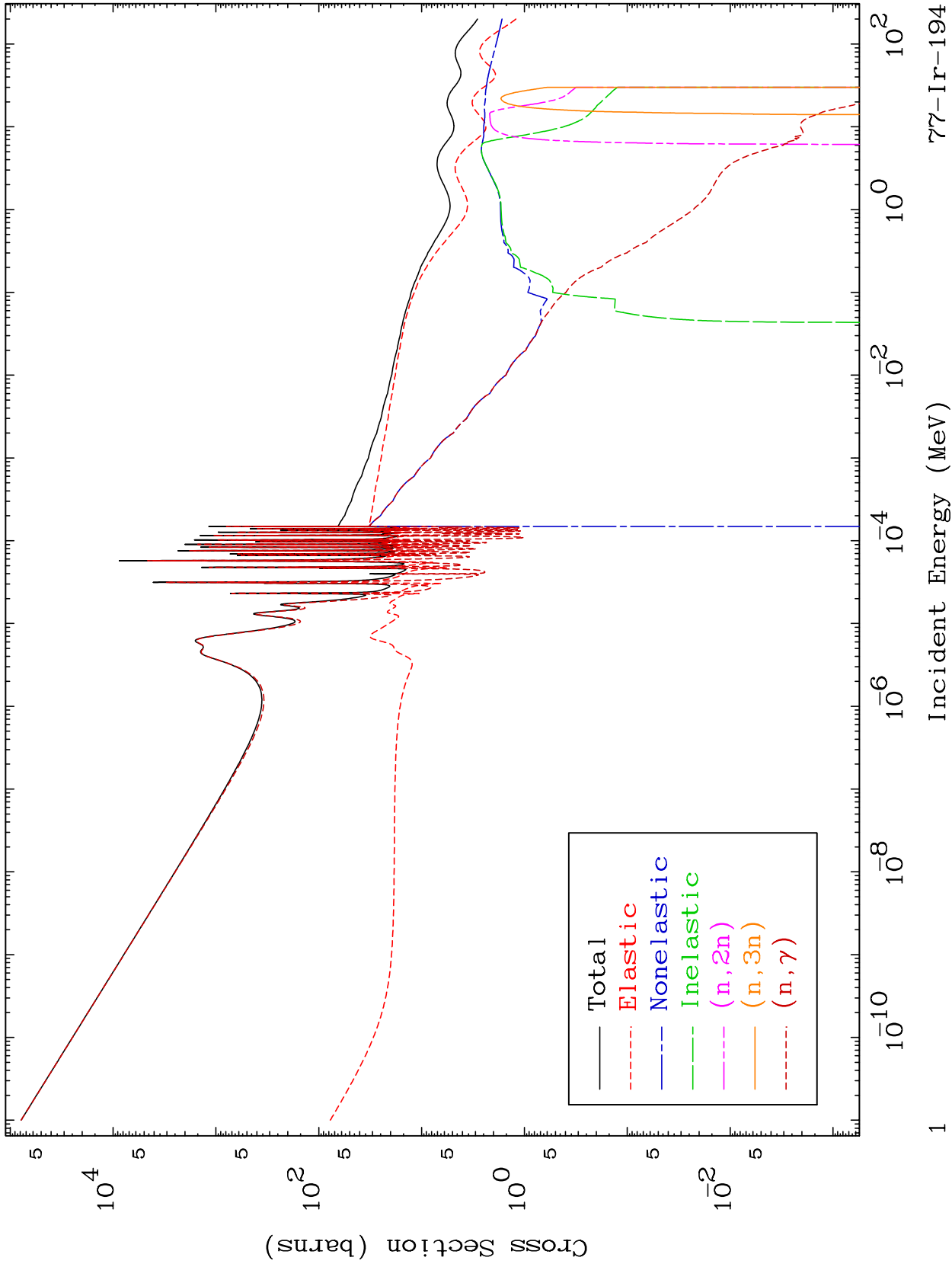
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7734

Neutron Major
293 Kelvin Cross Sections

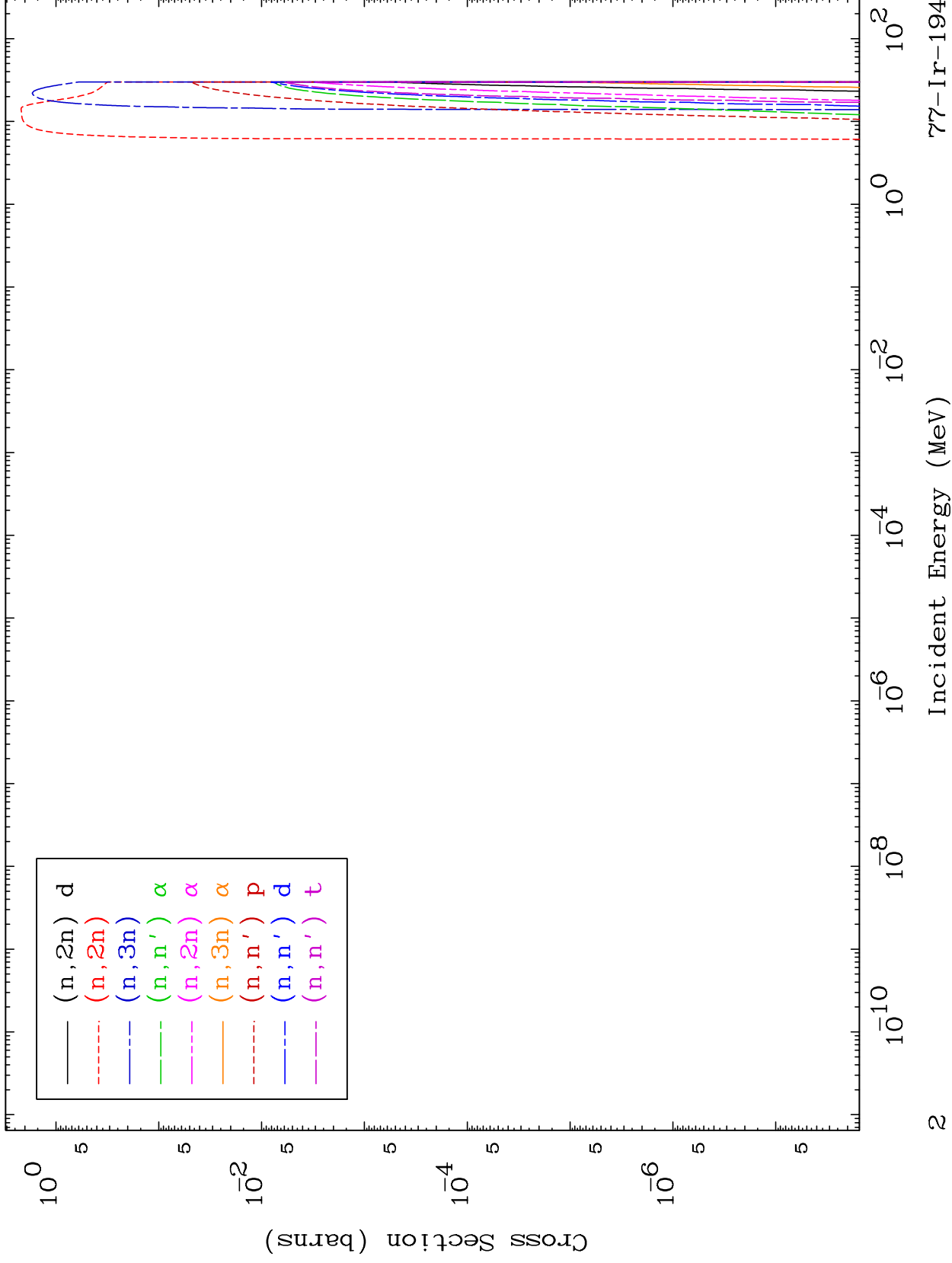
77-Ir-194



MAT 7734

Neutron Absorption
293 Kelvin Cross Sections

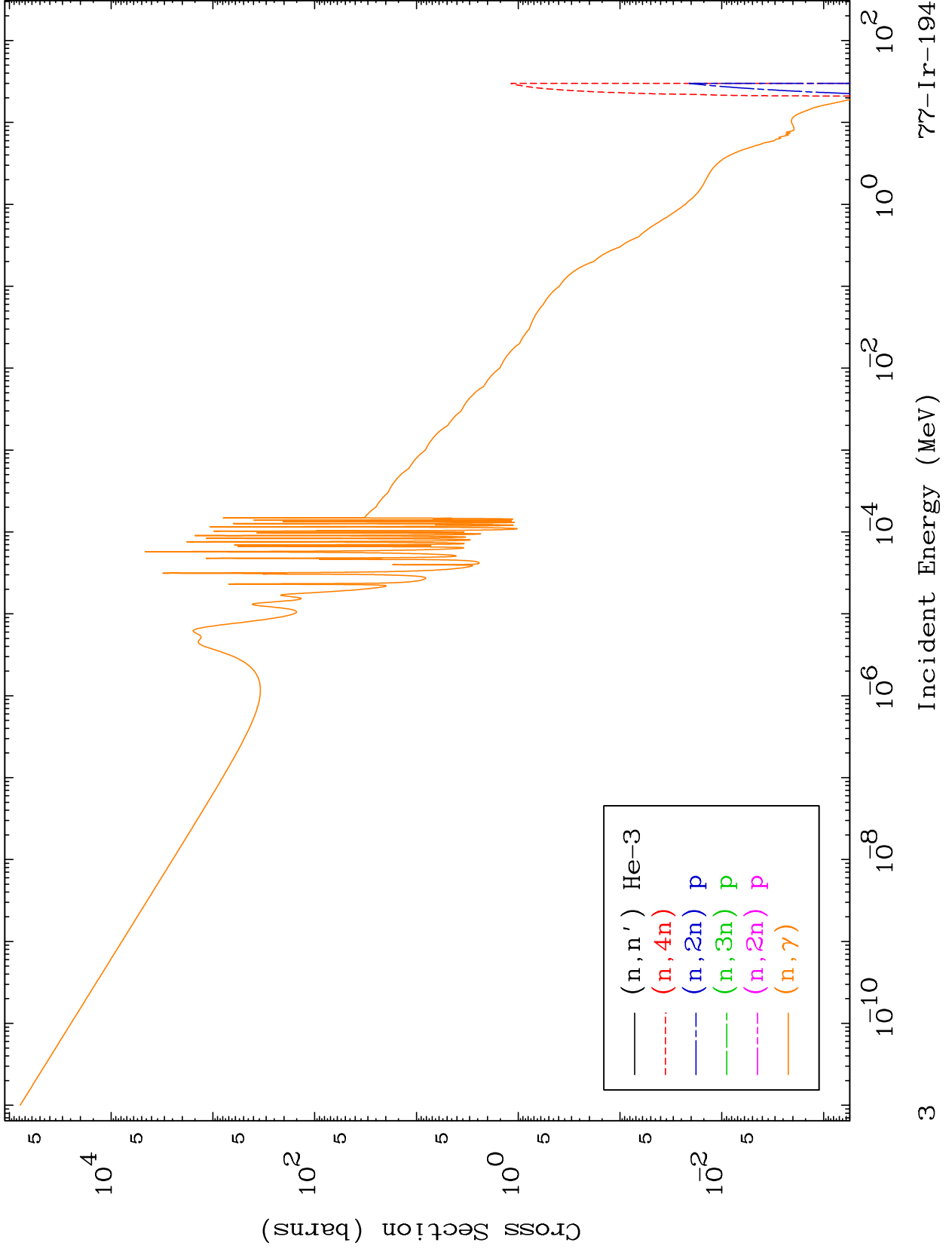
77-Ir-194



MAT 7734

Neutron Absorption
293 Kelvin Cross Sections

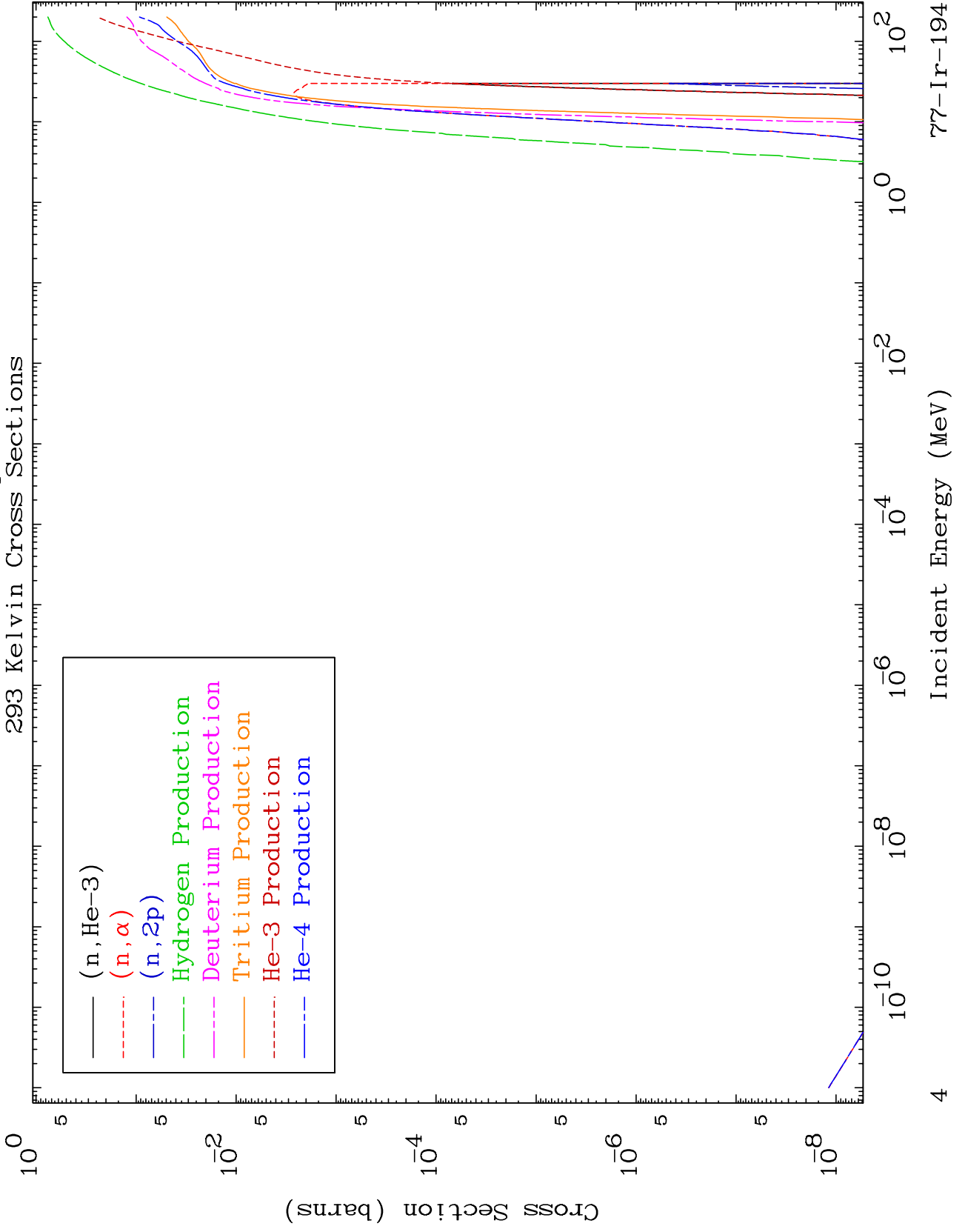
77-Ir-194



MAT 7734

Neutron Absorption
293 Kelvin Cross Sections

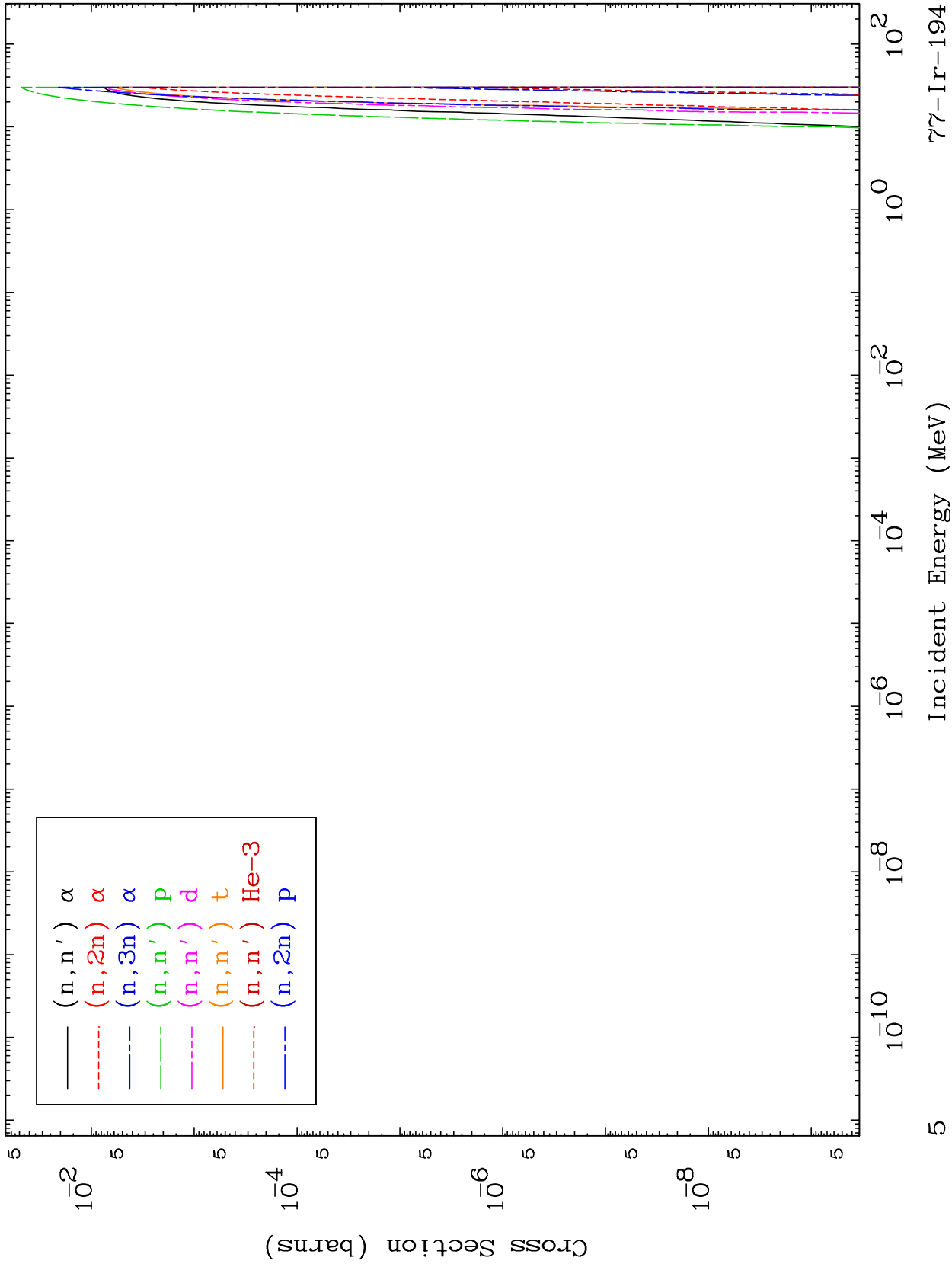
⁷⁷Ir-194



MAT 7734

Charged Particle
293 Kelvin Cross Sections

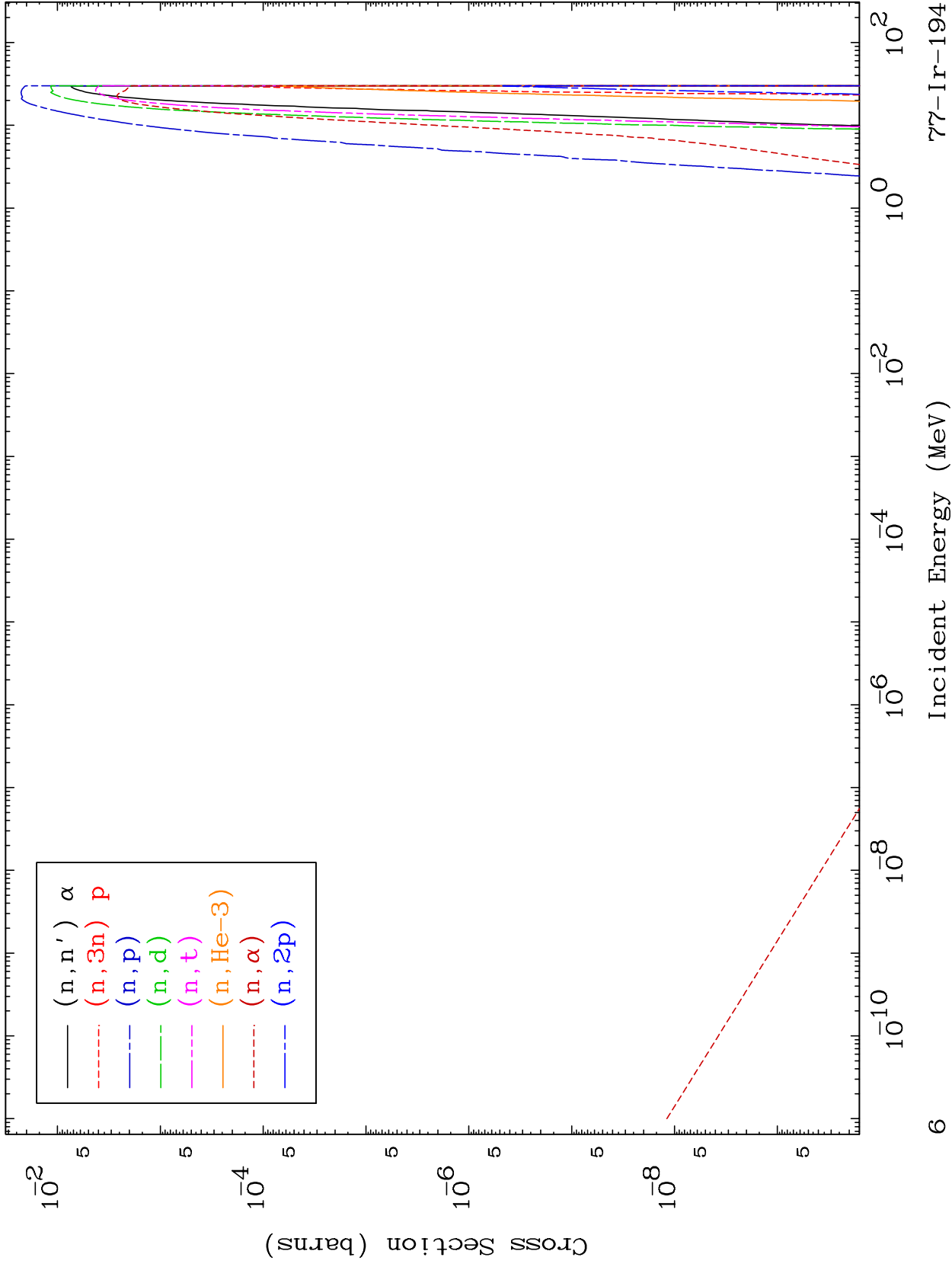
77-Ir-194



MAT 7734

Charged Particle
293 Kelvin Cross Sections

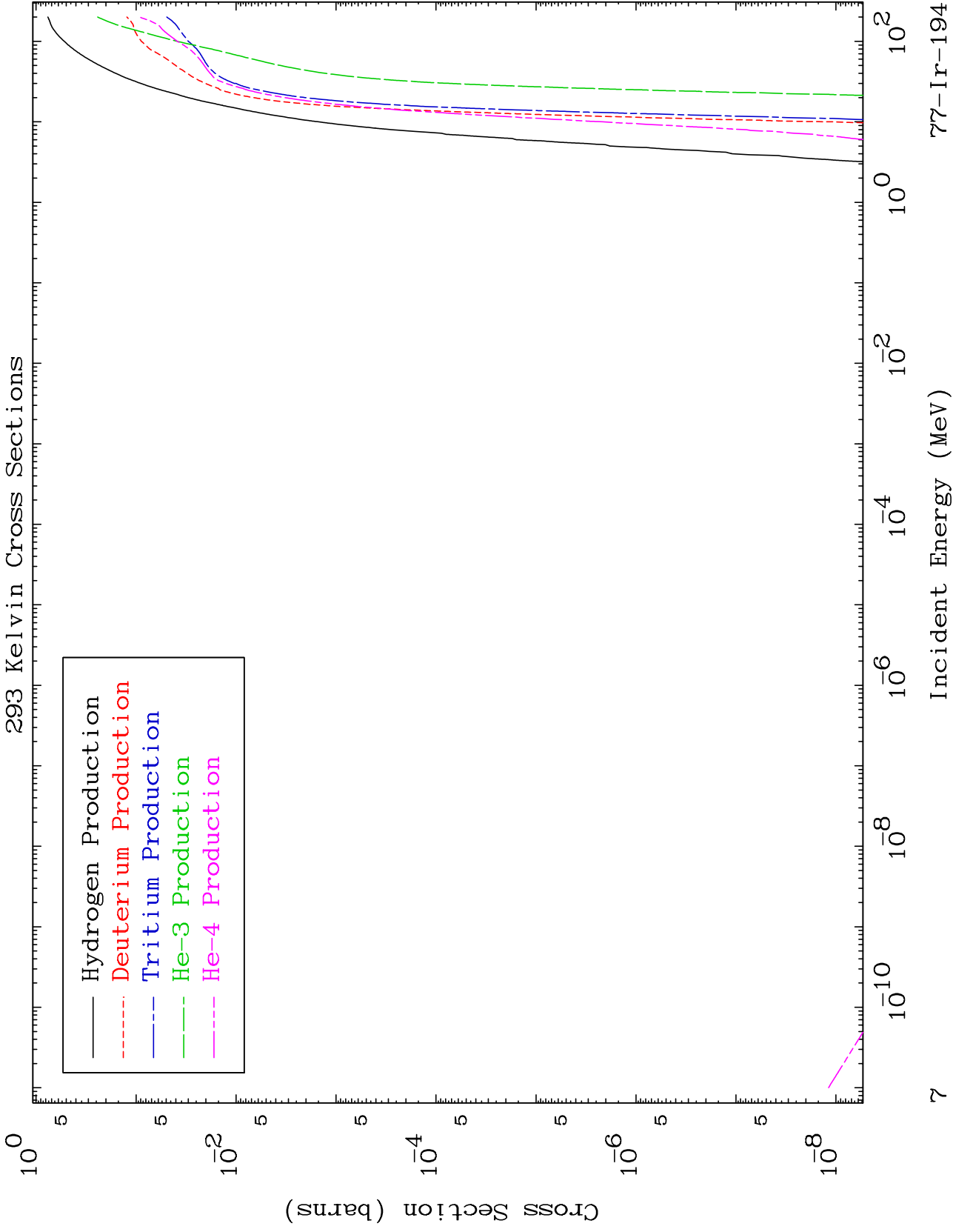
77-Ir-194



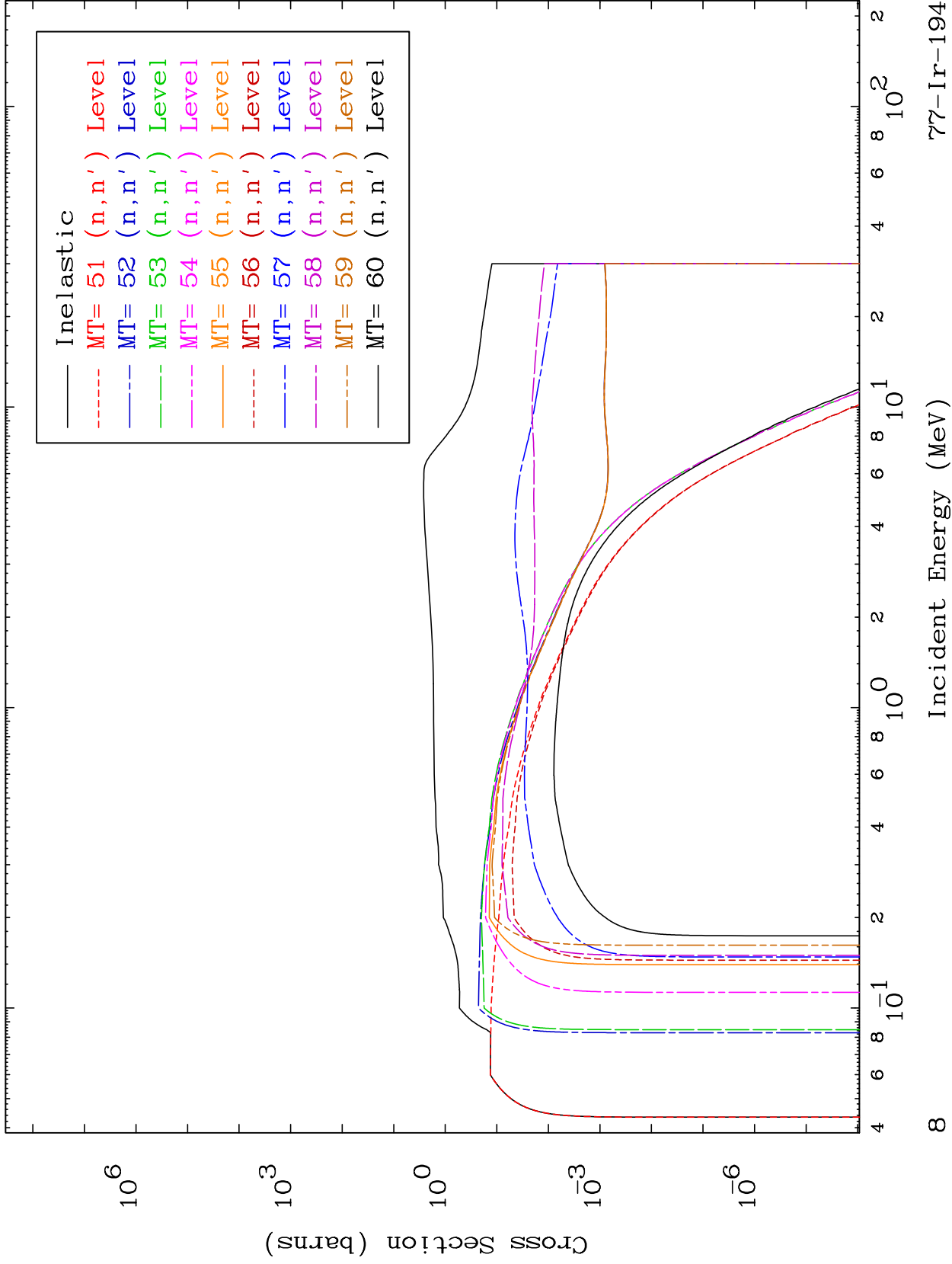
MAT 7734

Particle Production
293 Kelvin Cross Sections

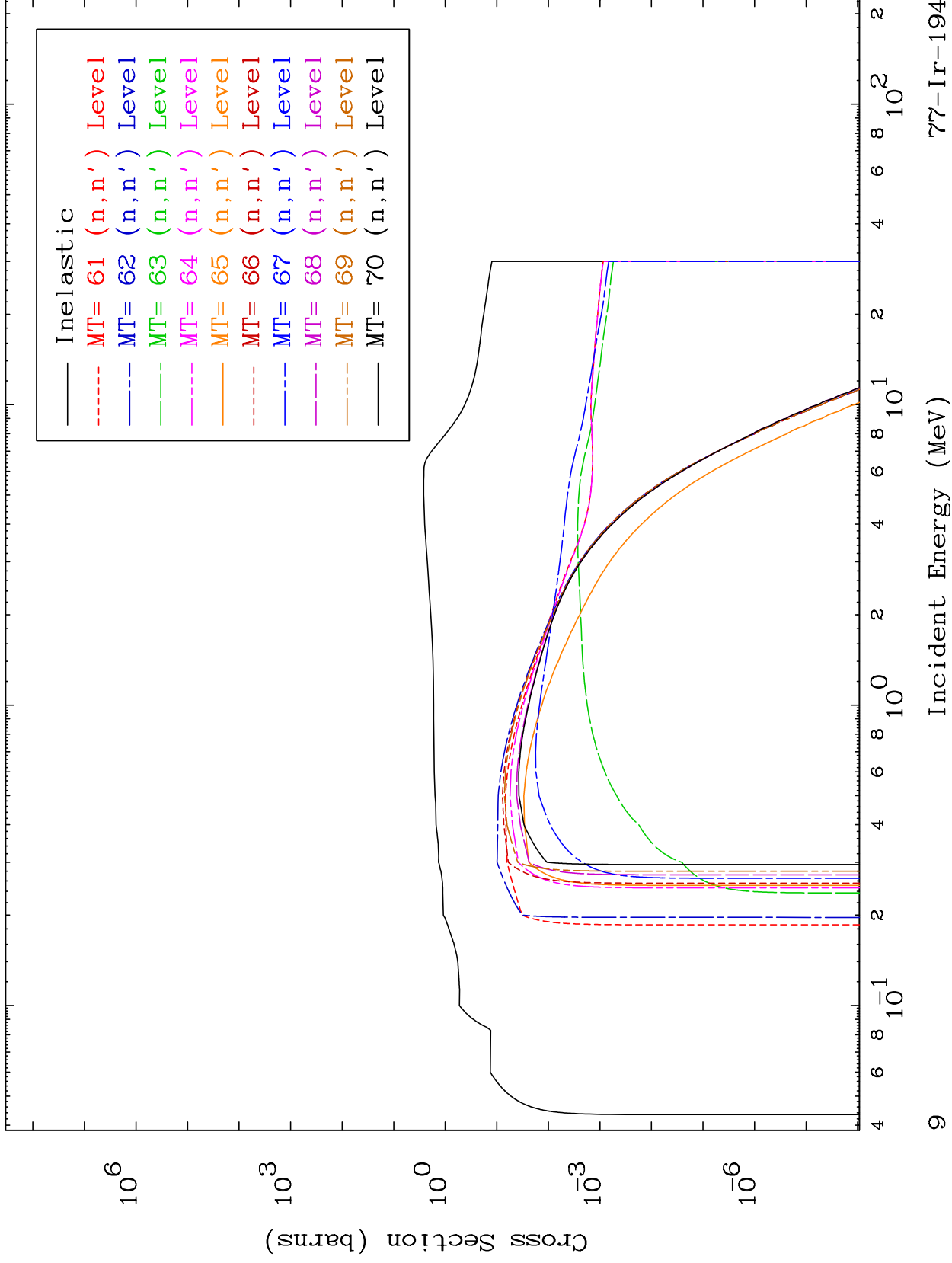
77-Ir-194



293 Kelvin Cross Sections



293 Kelvin Cross Sections

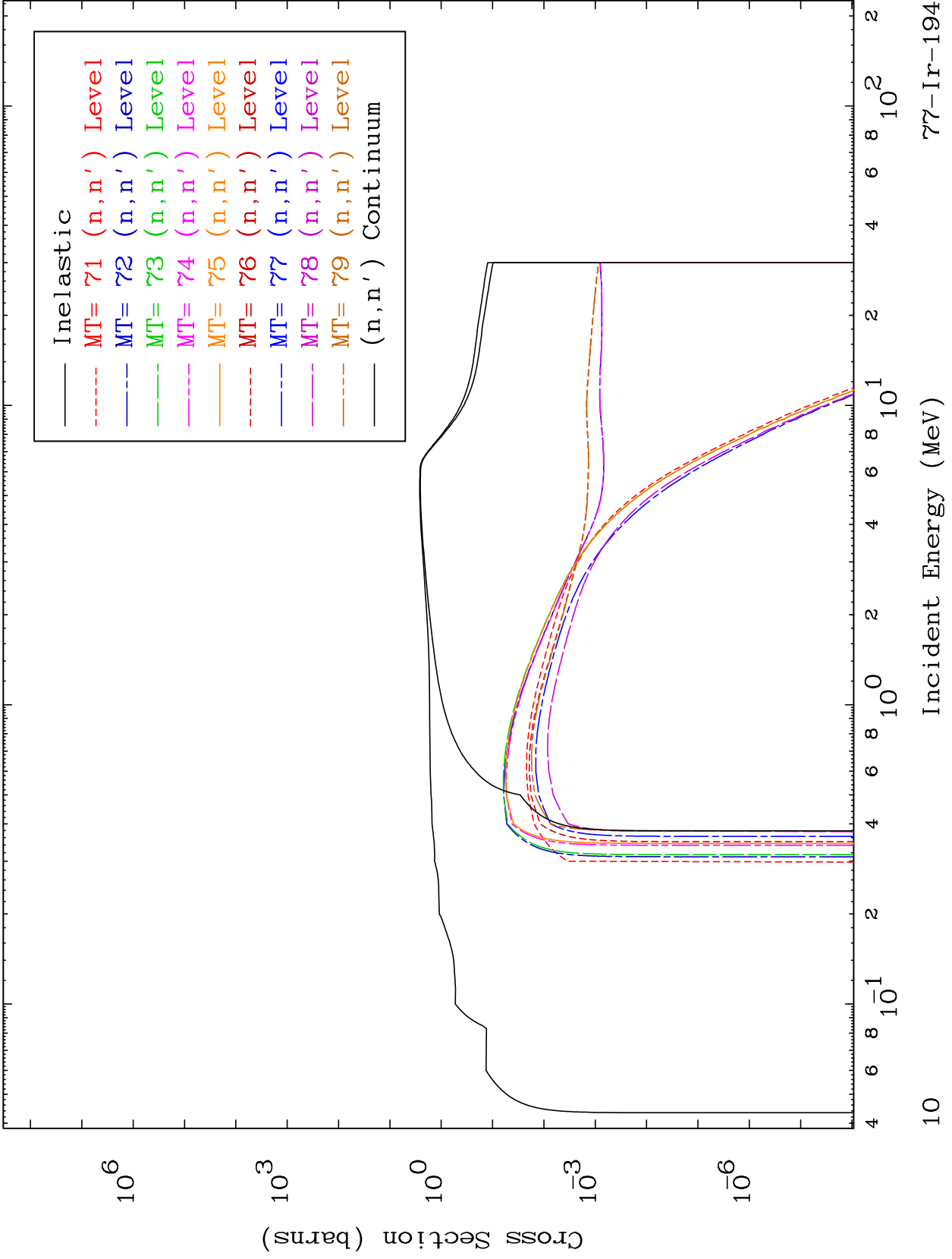


MAT 7734

(n,n') Levels

77-Ir-194

293 Kelvin Cross Sections



10

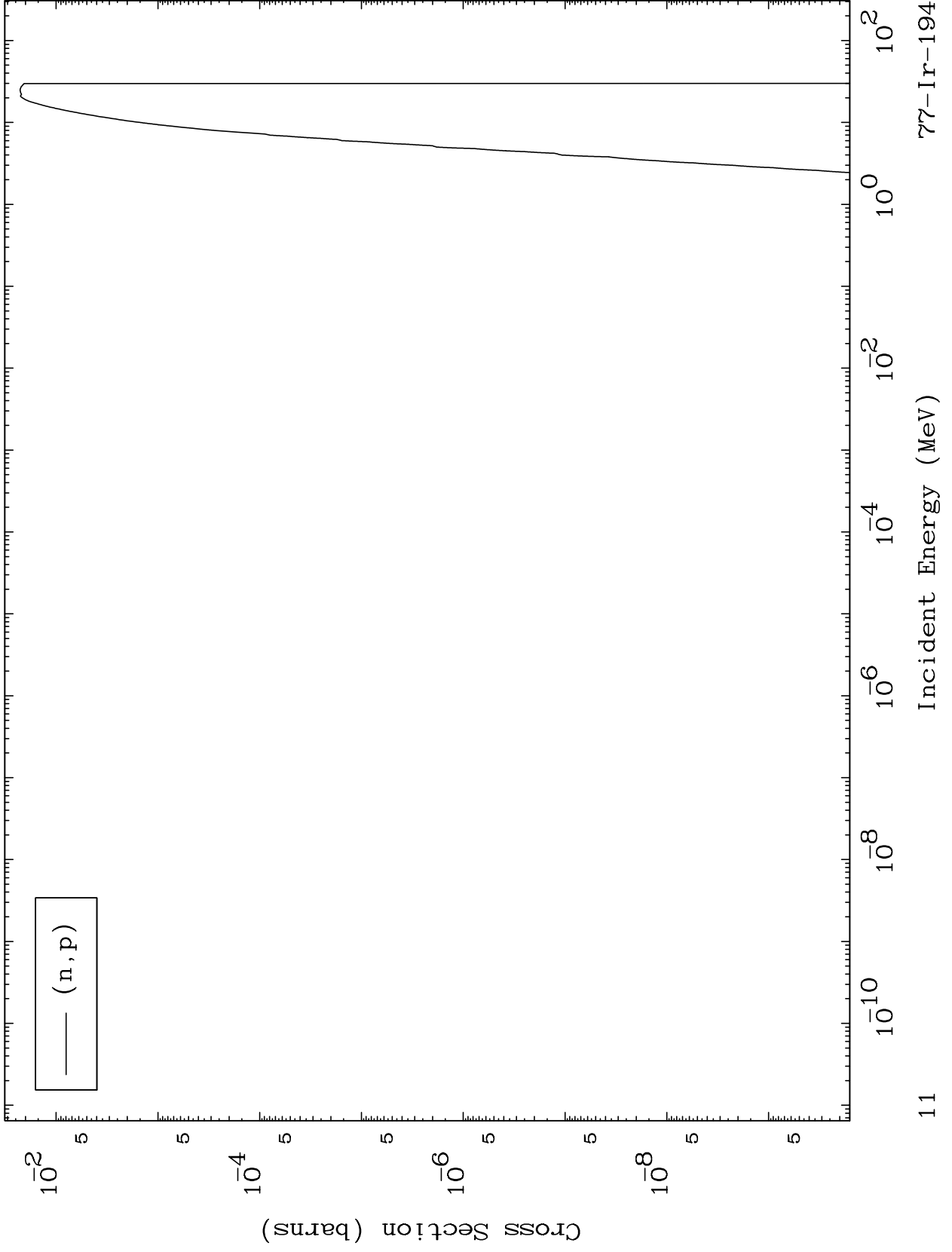
Incident Energy (MeV)

77-Ir-194

MAT 7734

(n,p) Levels
293 Kelvin Cross Sections

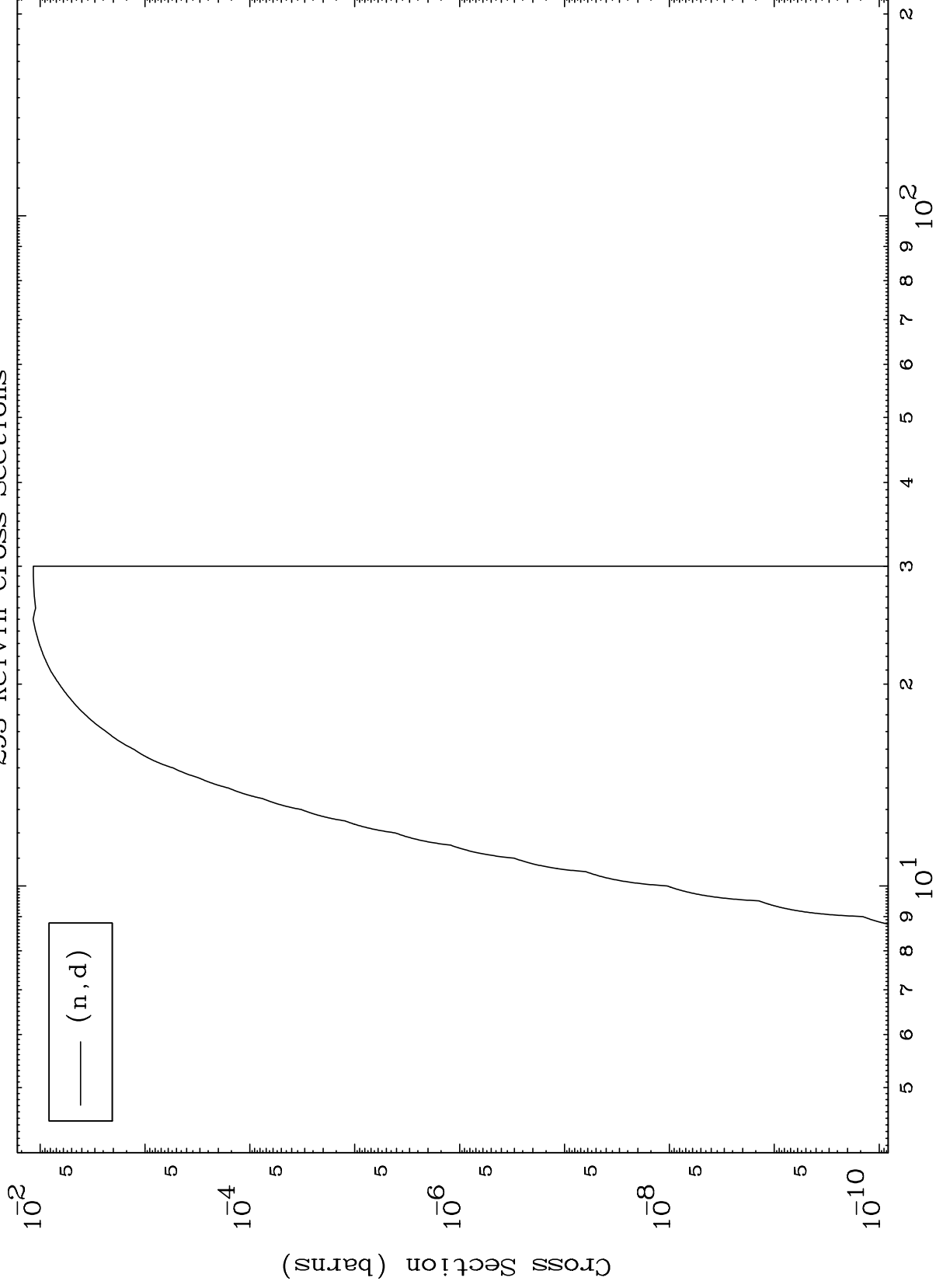
77-Ir-194



MAT 7734

(n,d) Levels
293 Kelvin Cross Sections

77-Ir-194



12

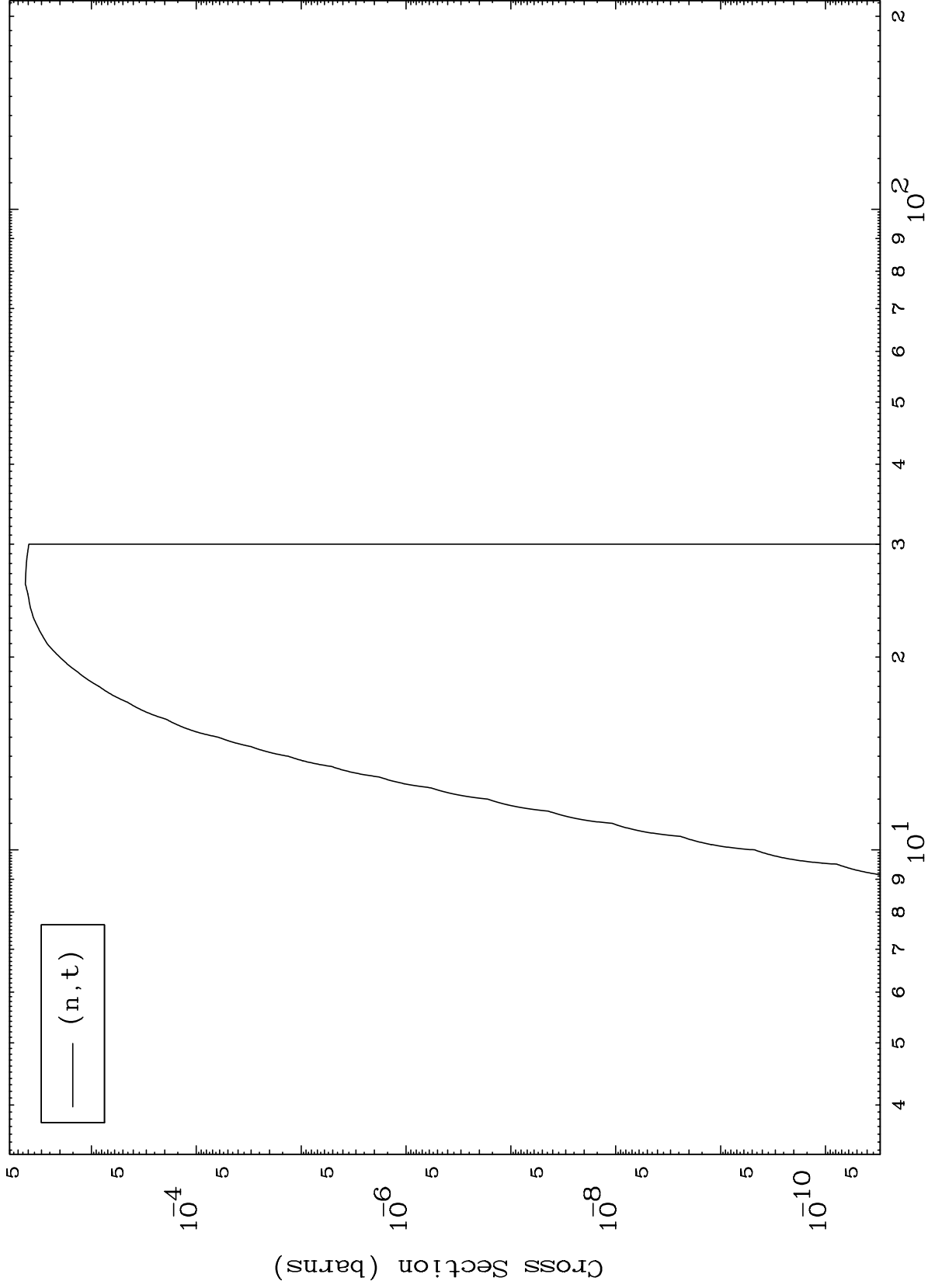
Incident Energy (MeV)

77-Ir-194

MAT 7734

(n,t) Levels
293 Kelvin Cross Sections

77-Ir-194



13

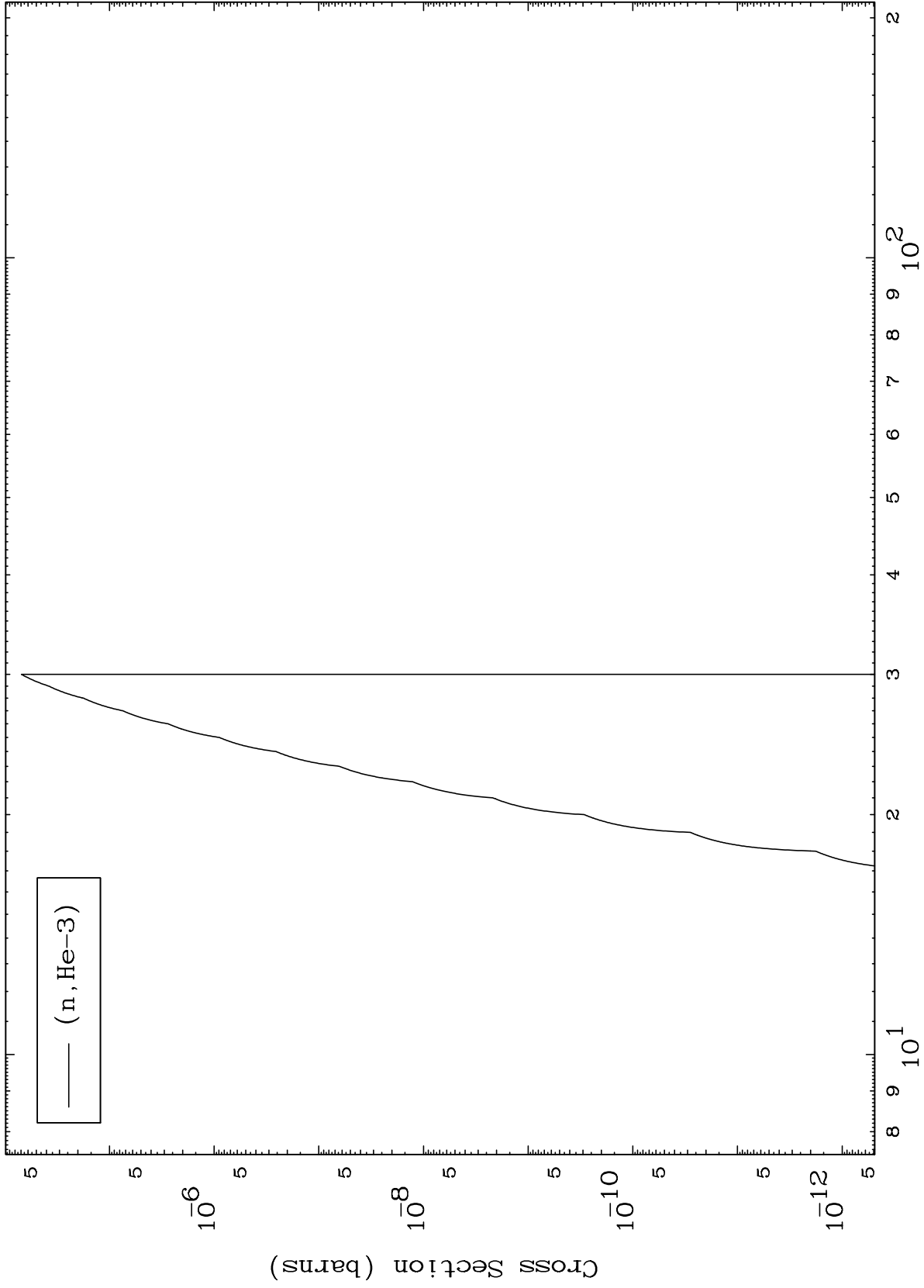
Incident Energy (MeV)

77-Ir-194

MAT 7734

(n,He3) Levels
293 Kelvin Cross Sections

77-Ir-194



14

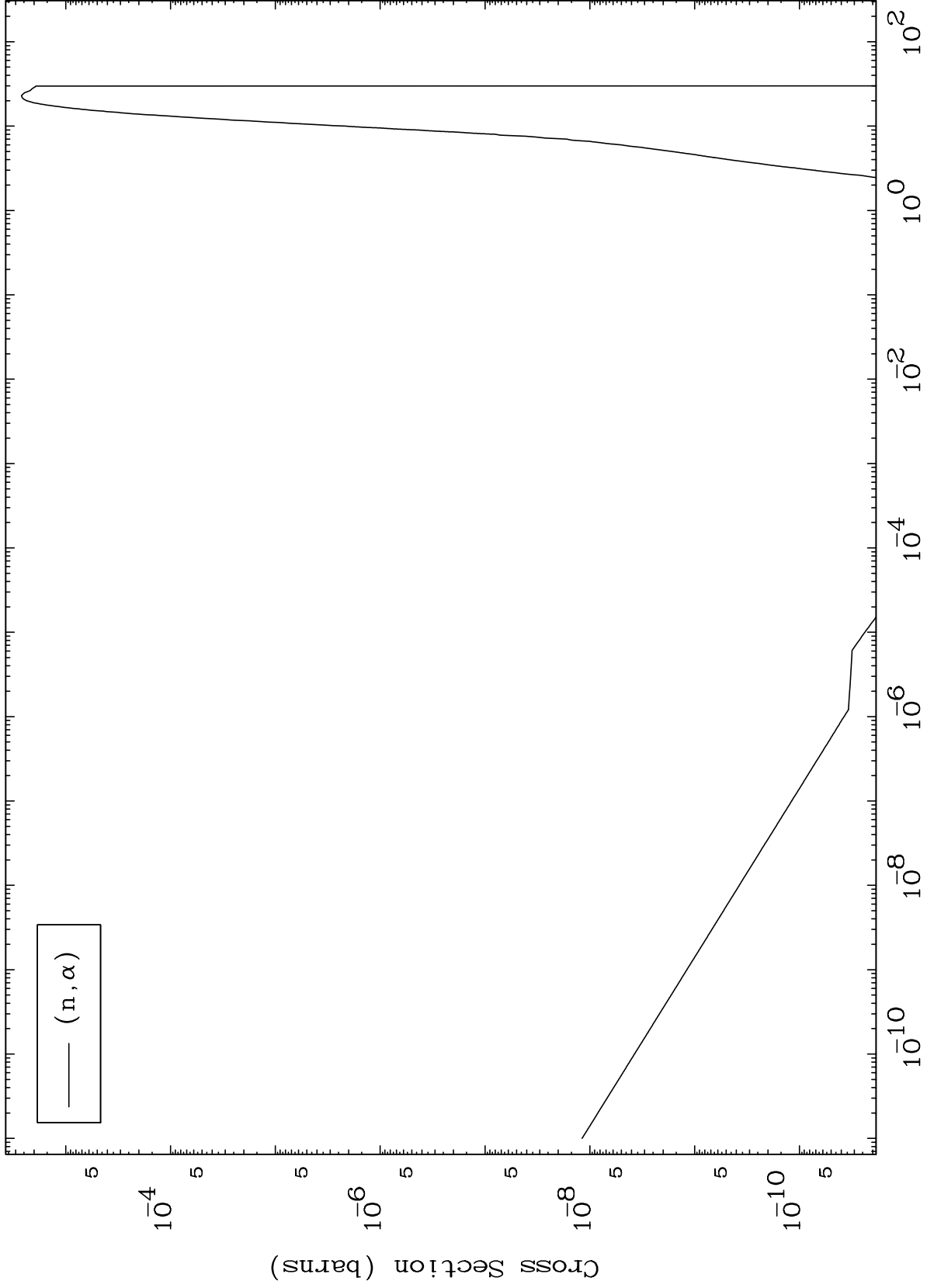
Incident Energy (MeV)

77-Ir-194

MAT 7734

(n, α) Levels
293 Kelvin Cross Sections

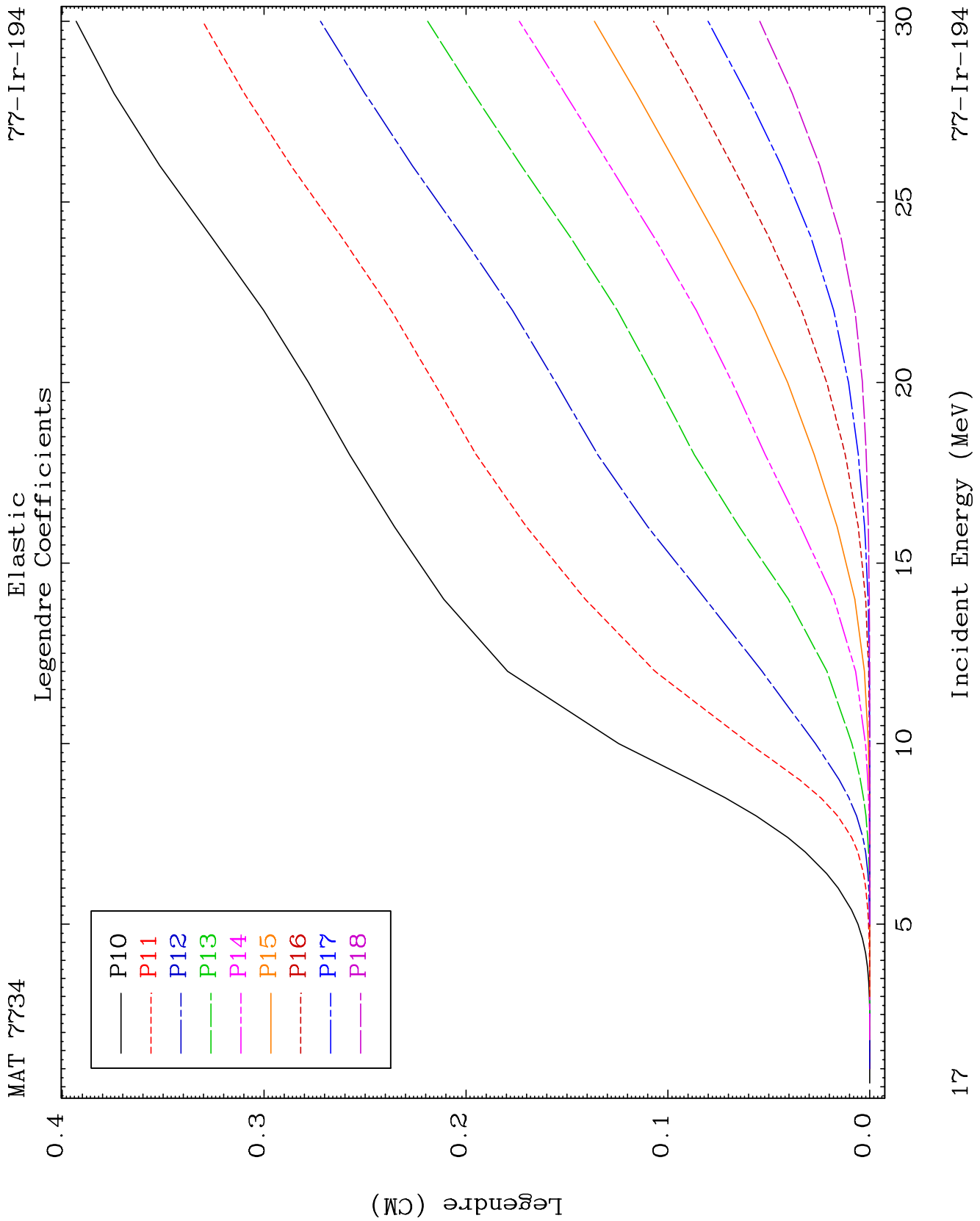
77-Ir-194



15

Incident Energy (MeV)

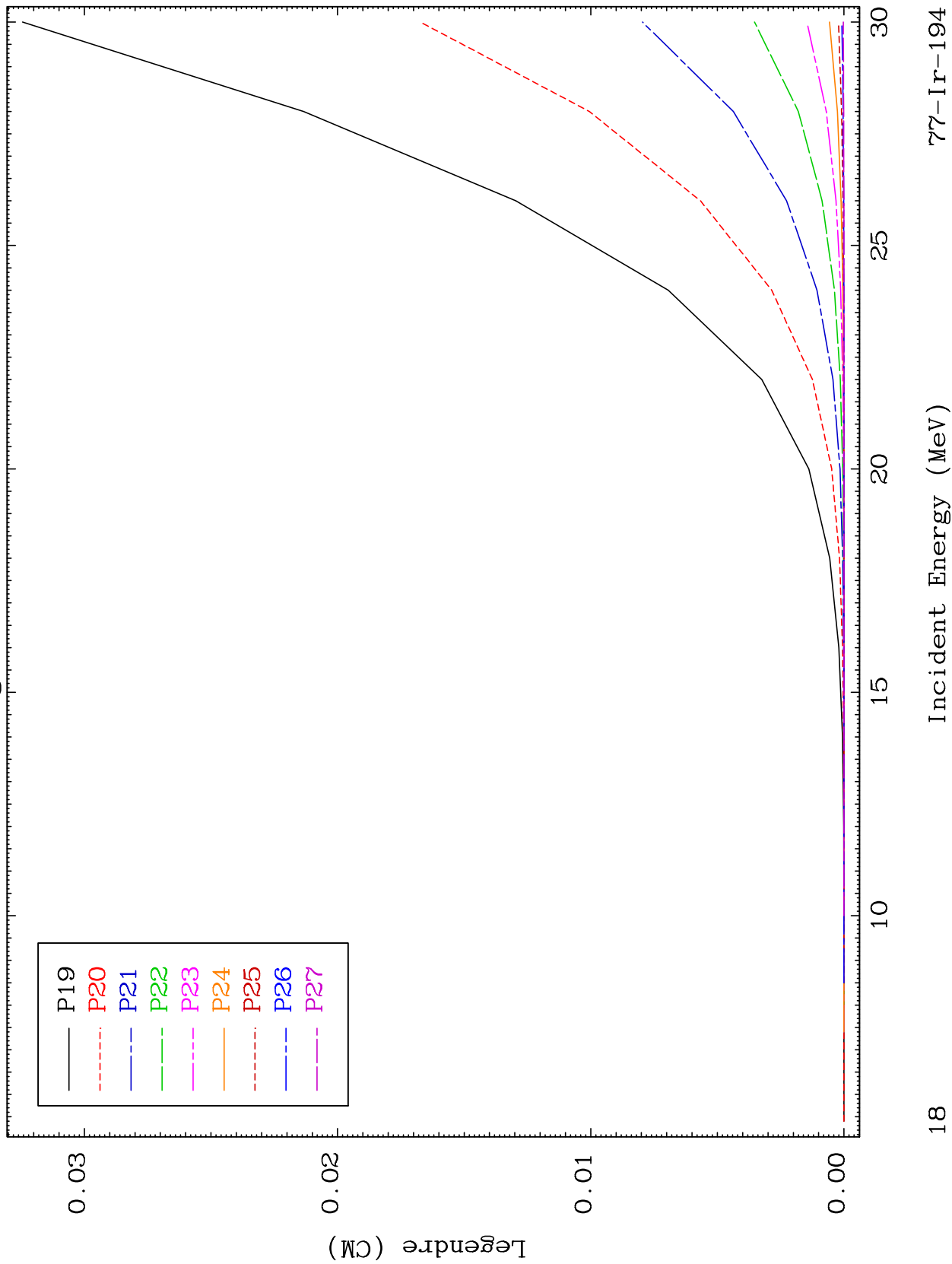
77-Ir-194



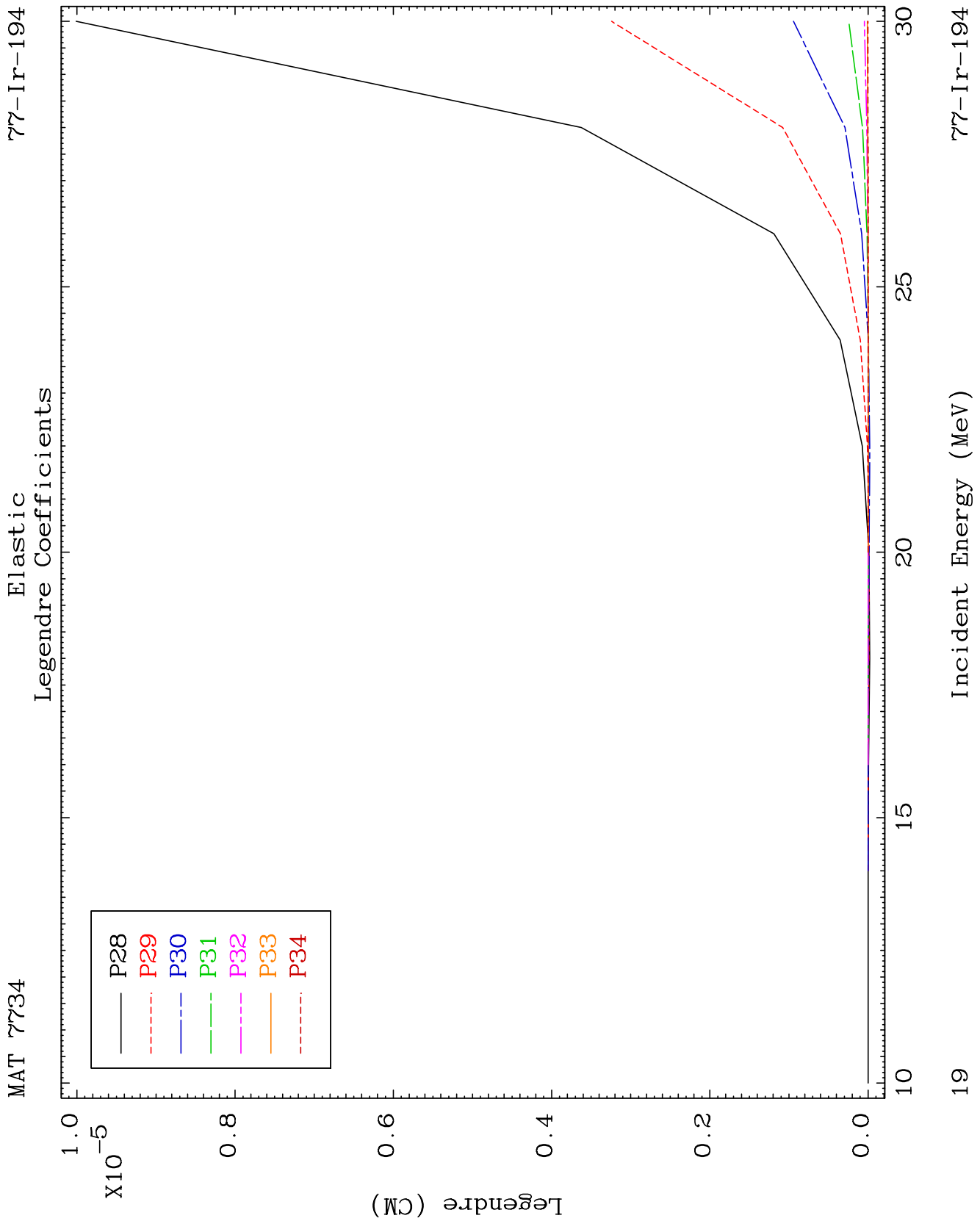
MAT 7734

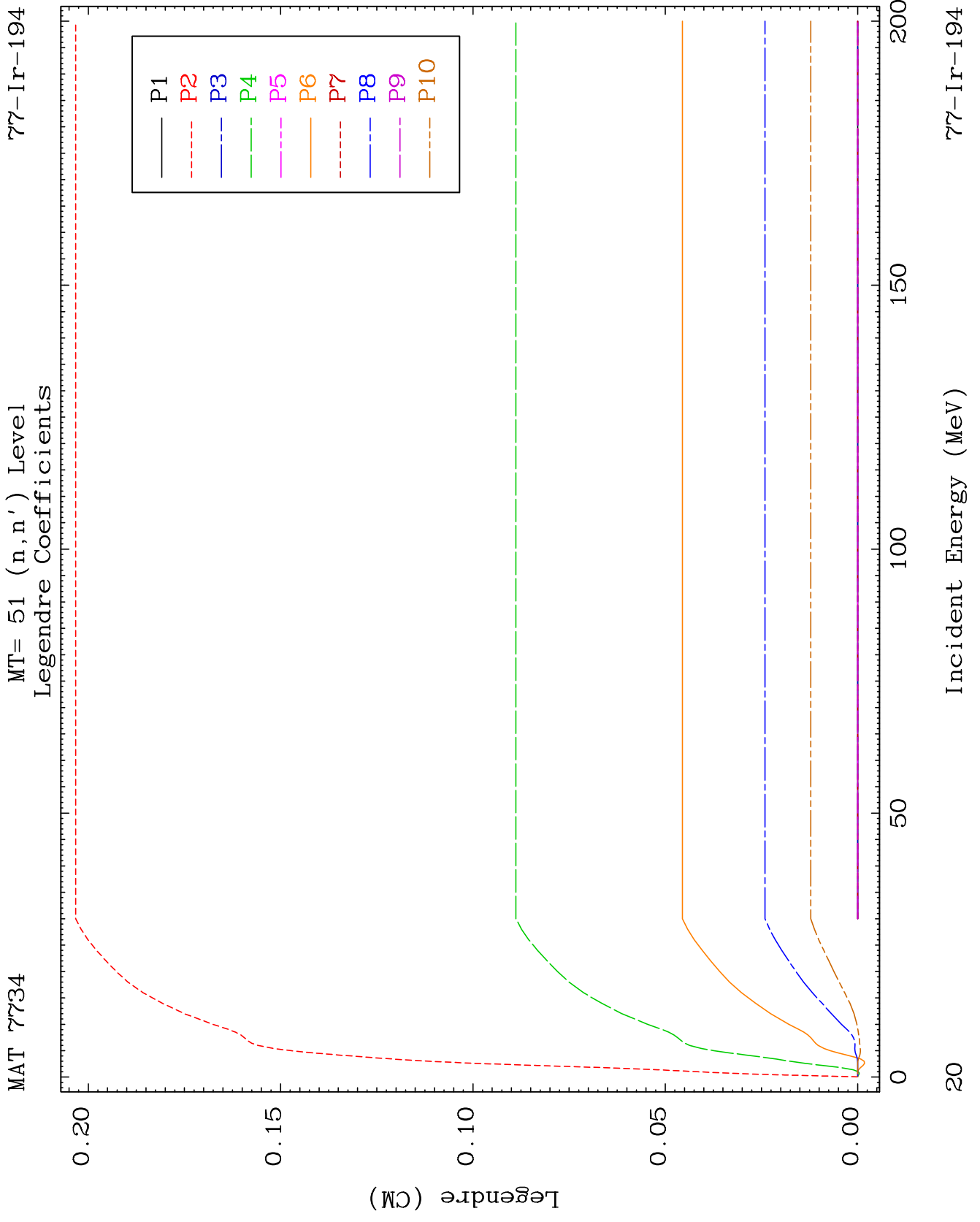
Elastic Legendre Coefficients

77-Ir-194



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

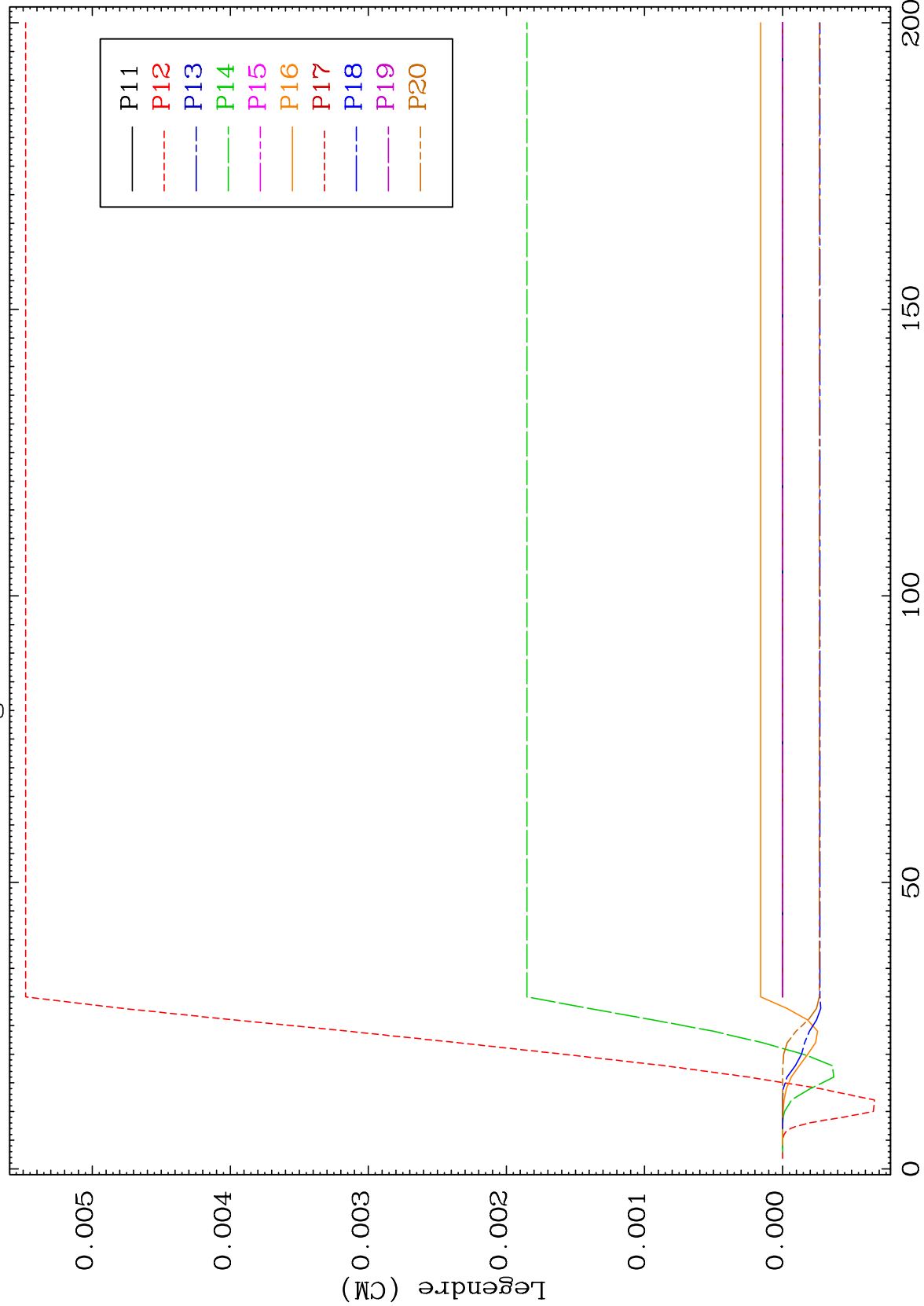




MAT 7734

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

77-Ir-194



21

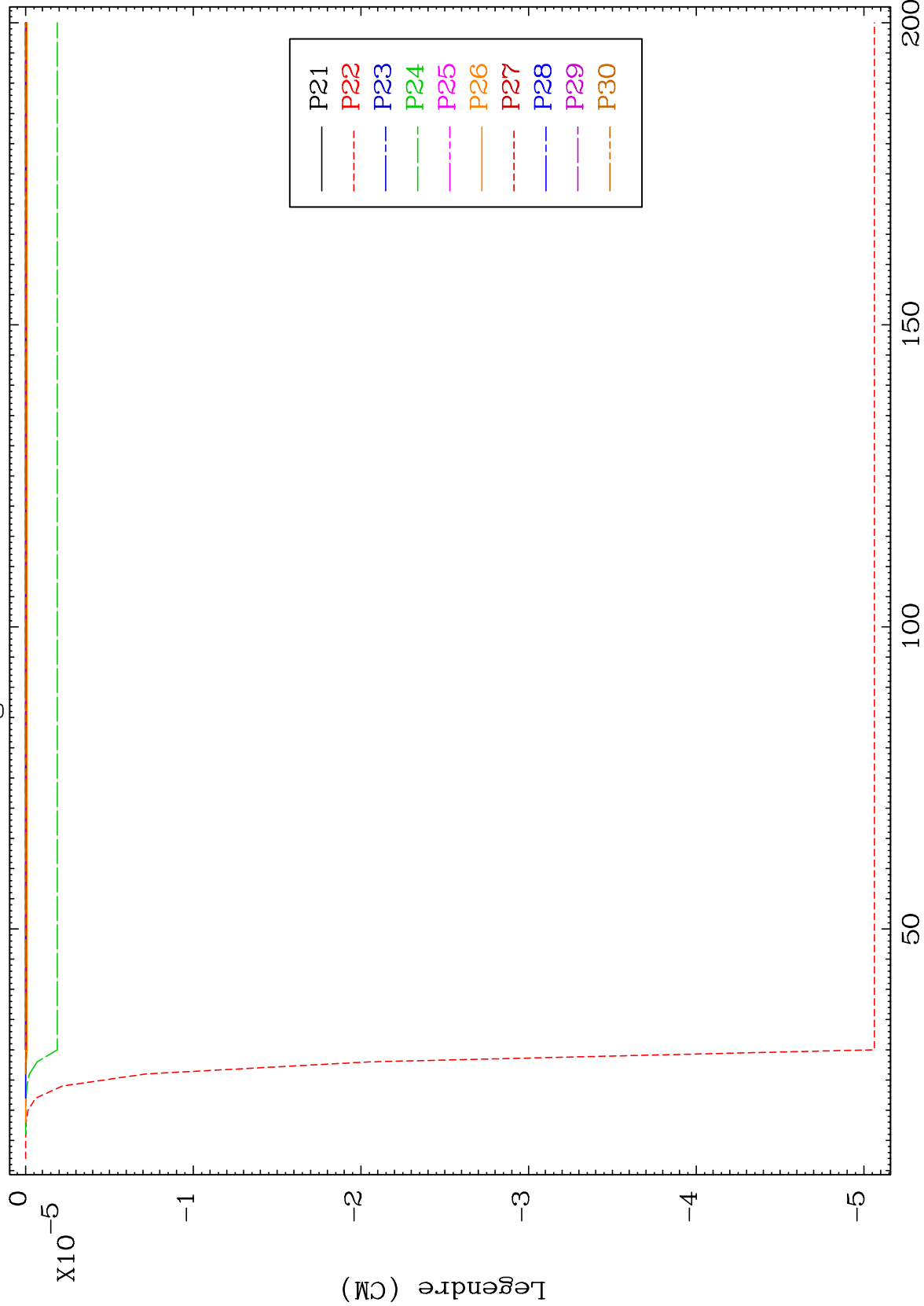
Incident Energy (MeV)

77-Ir-194

MAT 7734

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

77-Ir-194



77-Ir-194

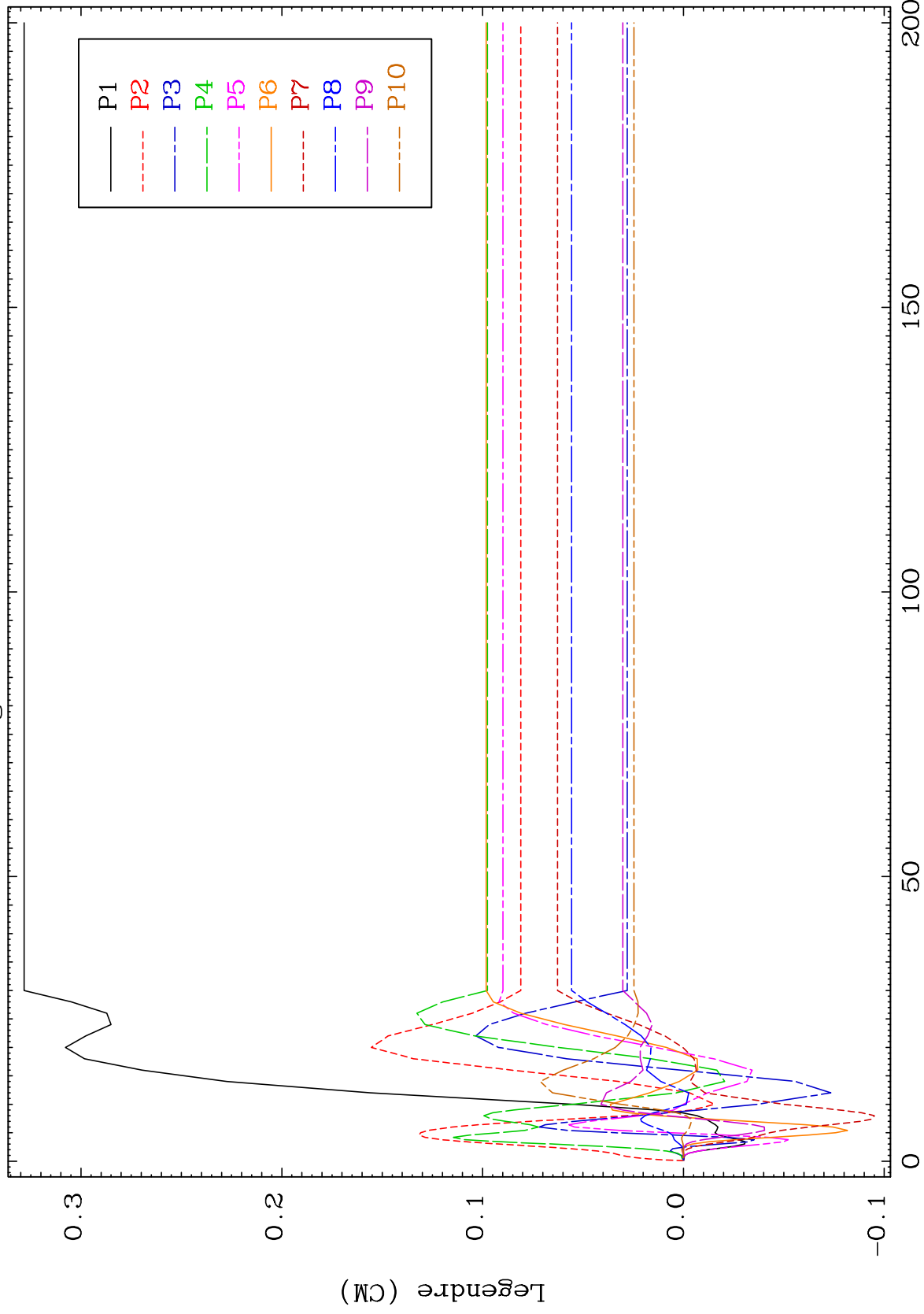
Incident Energy (MeV)

22

MAT 7734

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

77-Ir-194



23

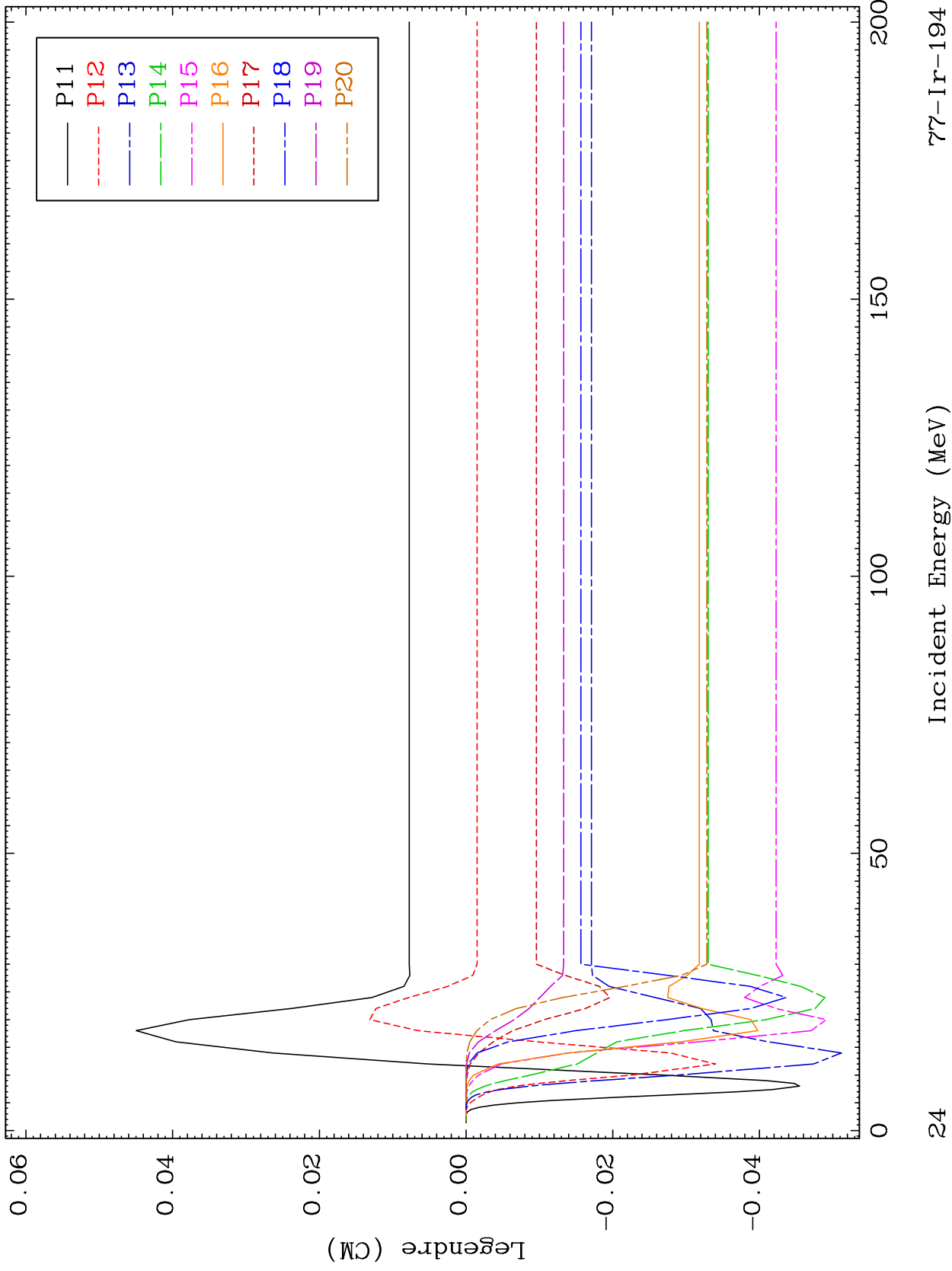
Incident Energy (MeV)

77-Ir-194

MAT 7734

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

77-Ir-194



77-Ir-194

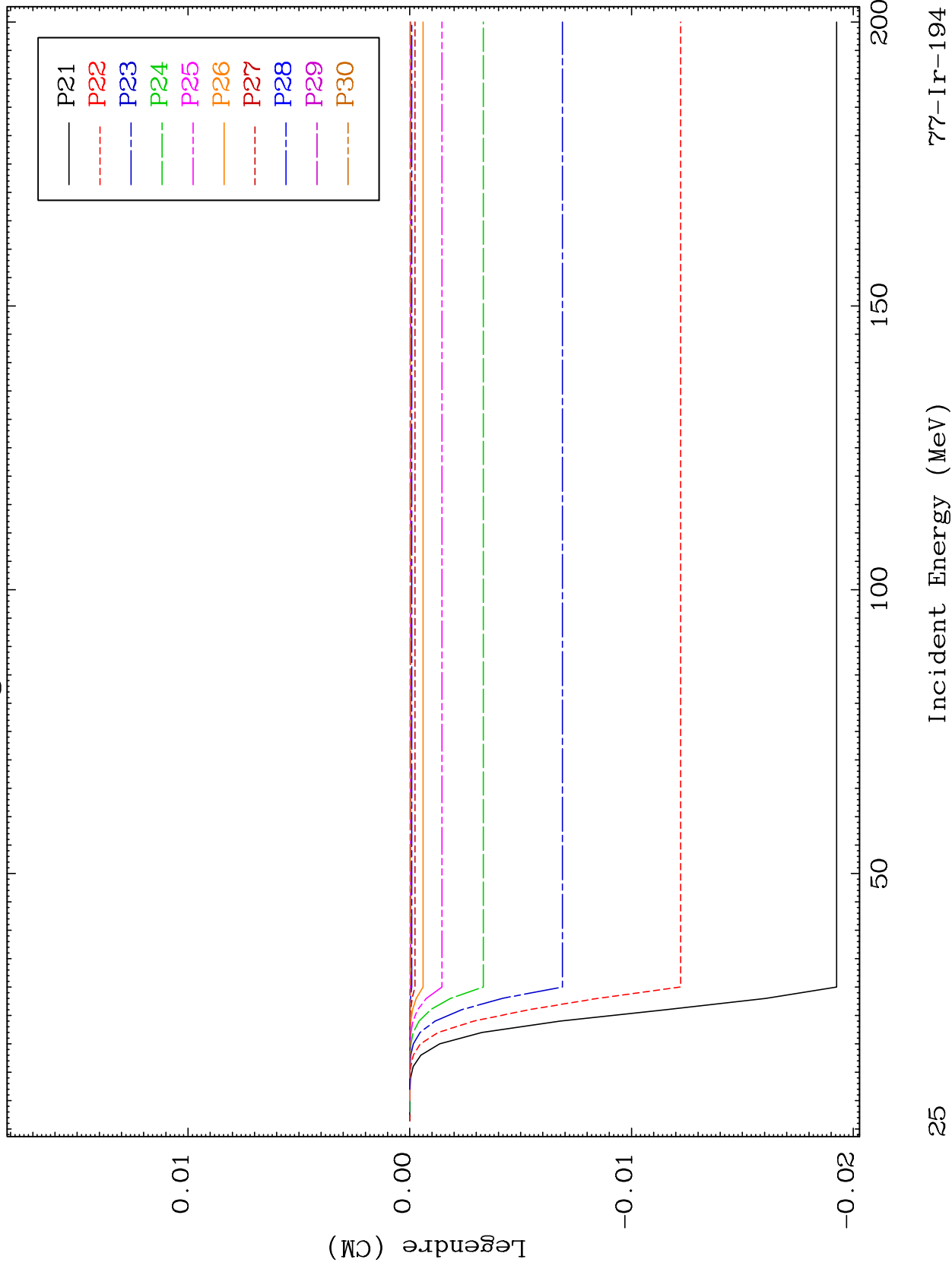
Incident Energy (MeV)

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MAT 7734

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

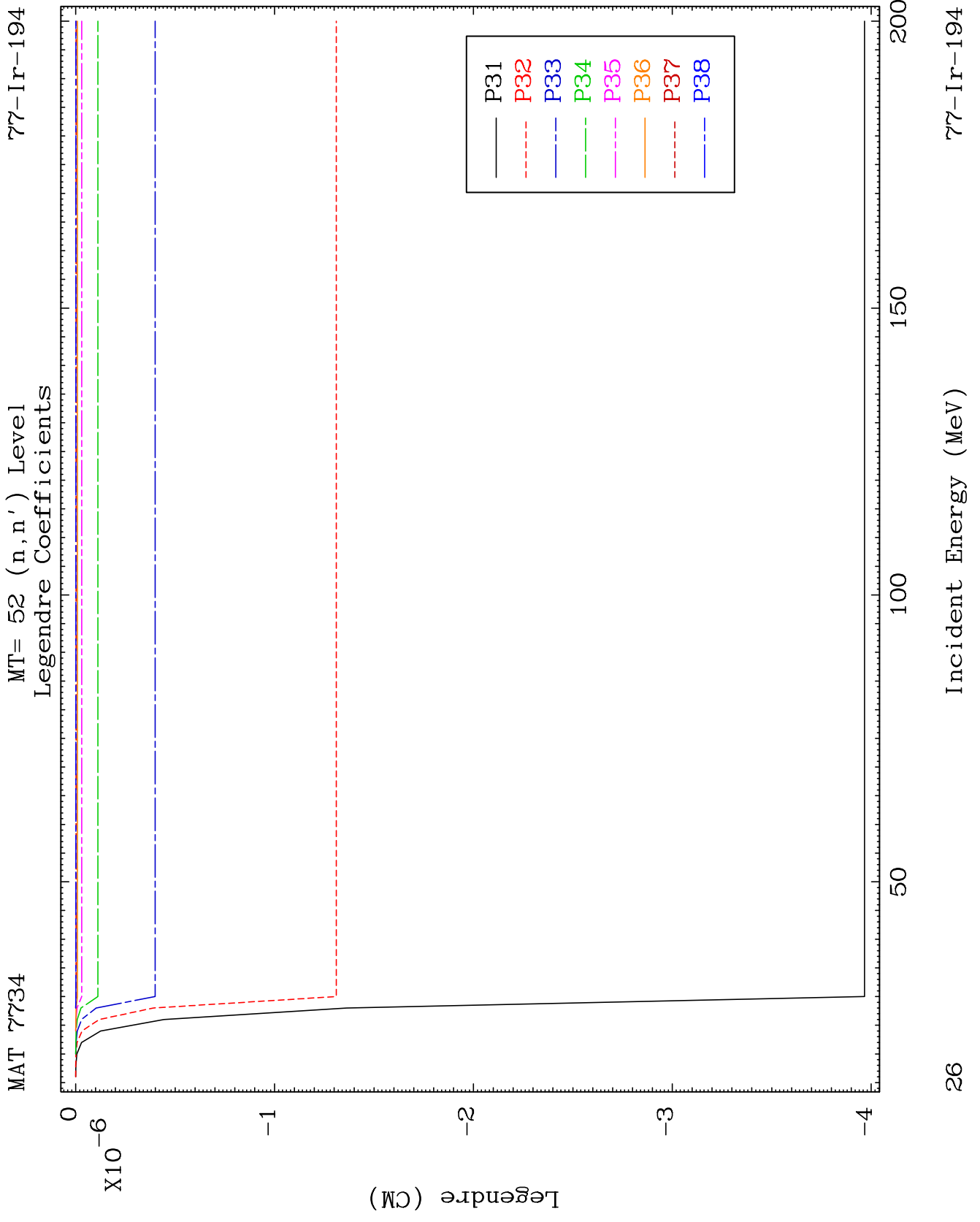
77-Ir-194



77-Ir-194

Incident Energy (MeV)

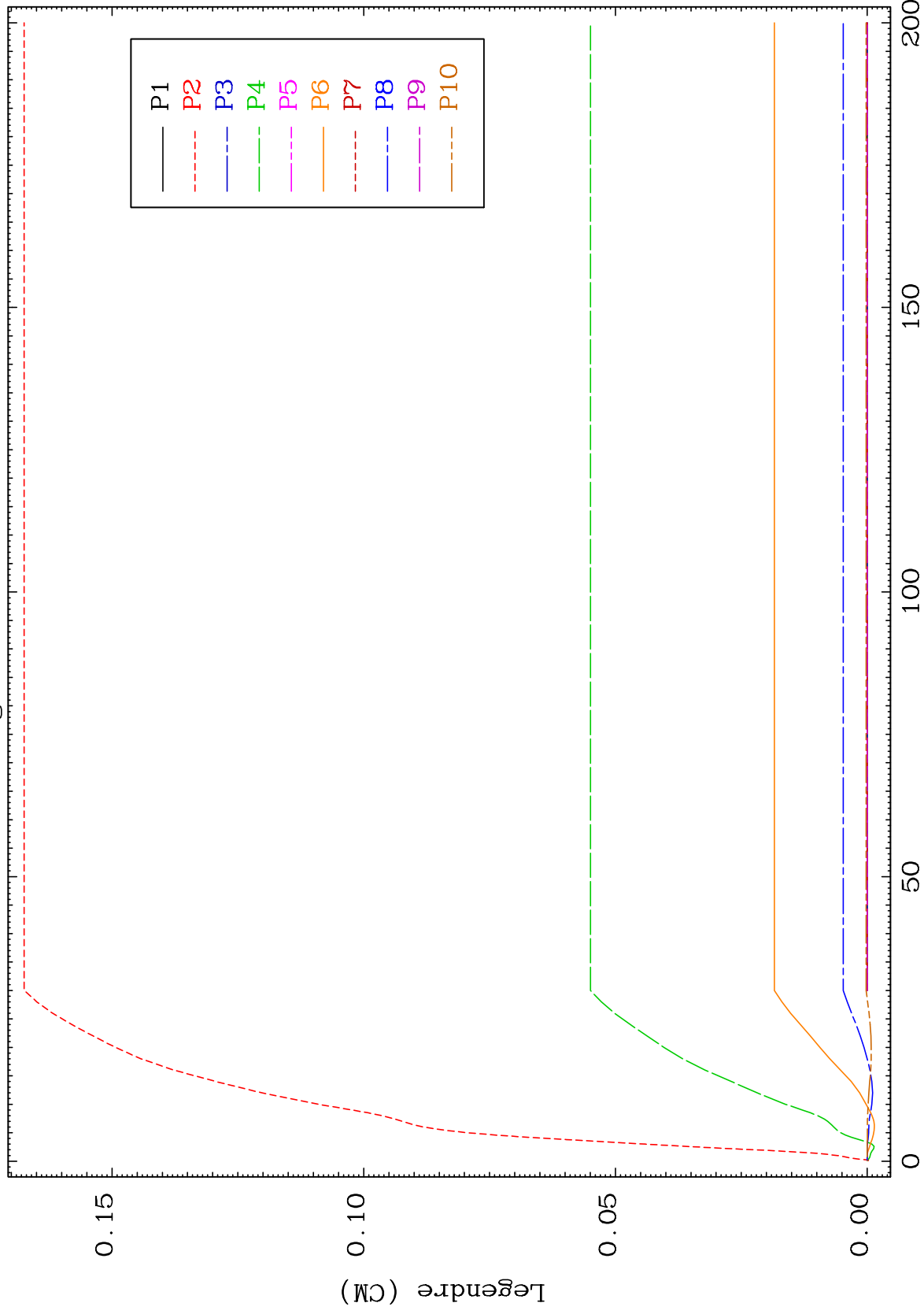
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MAT 7734

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

77-Ir-194



27

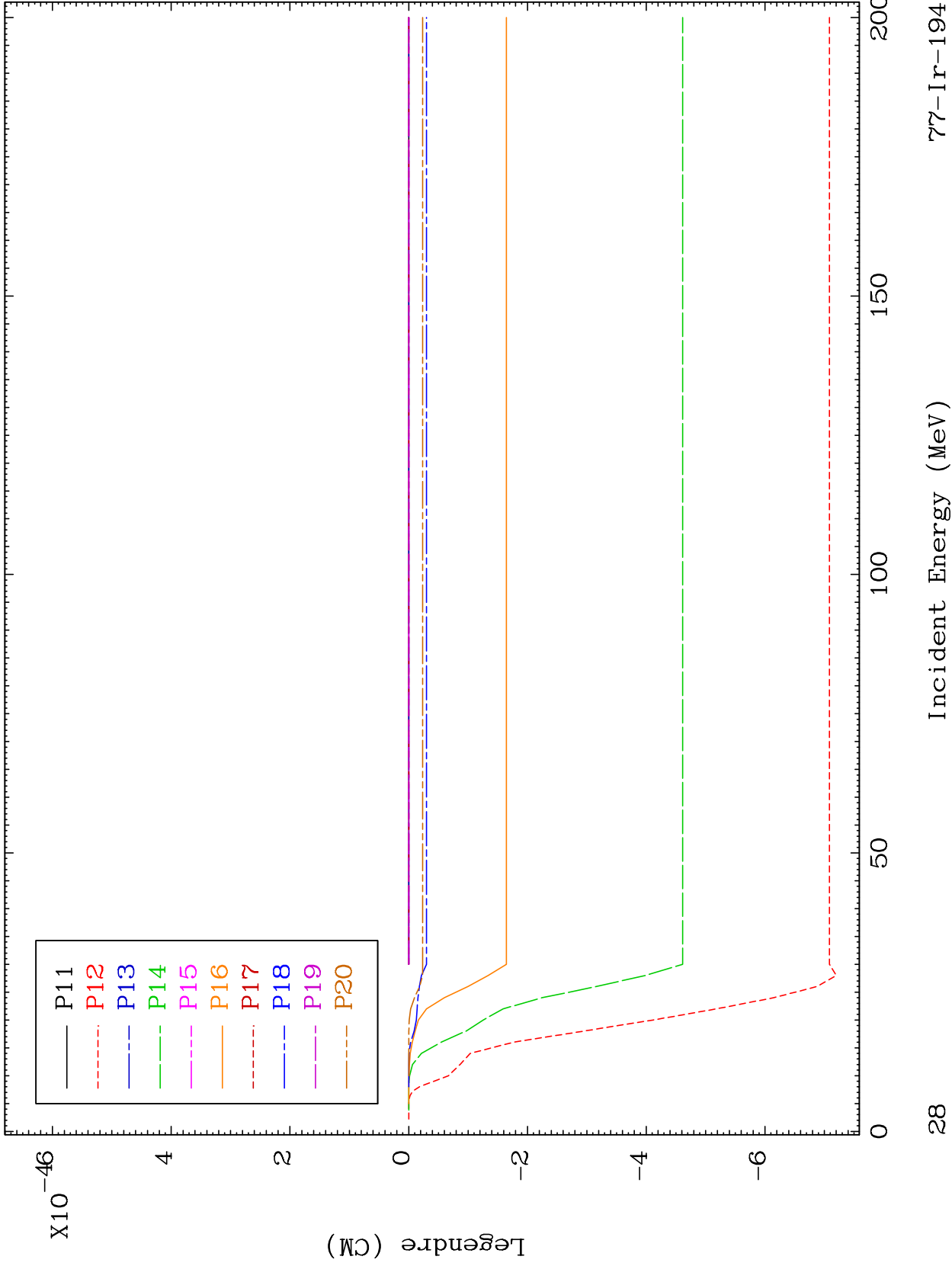
Incident Energy (MeV)

77-Ir-194

MAT 7734

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

77-Ir-194



28

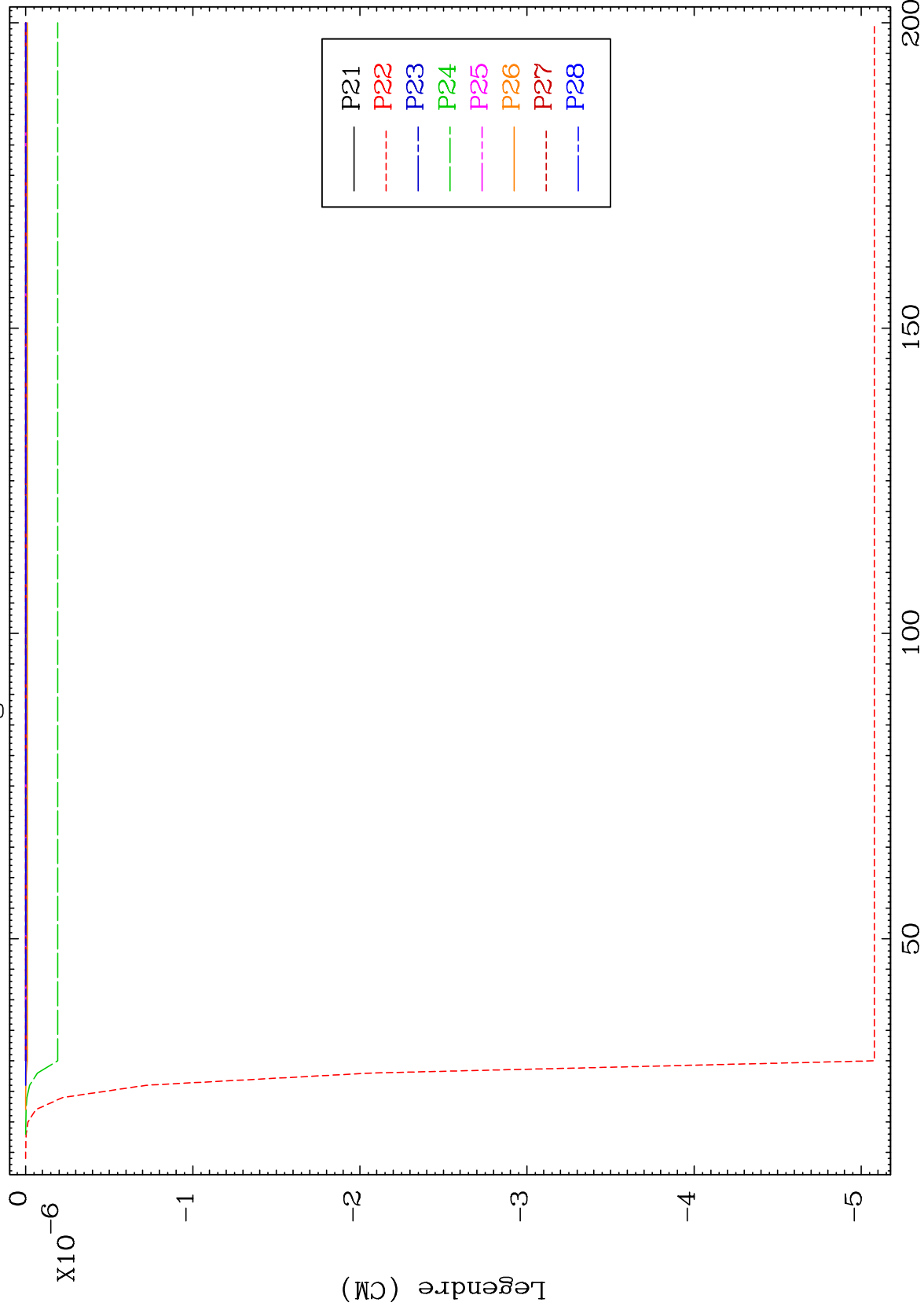
Incident Energy (MeV)

77-Ir-194

MAT 7734

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

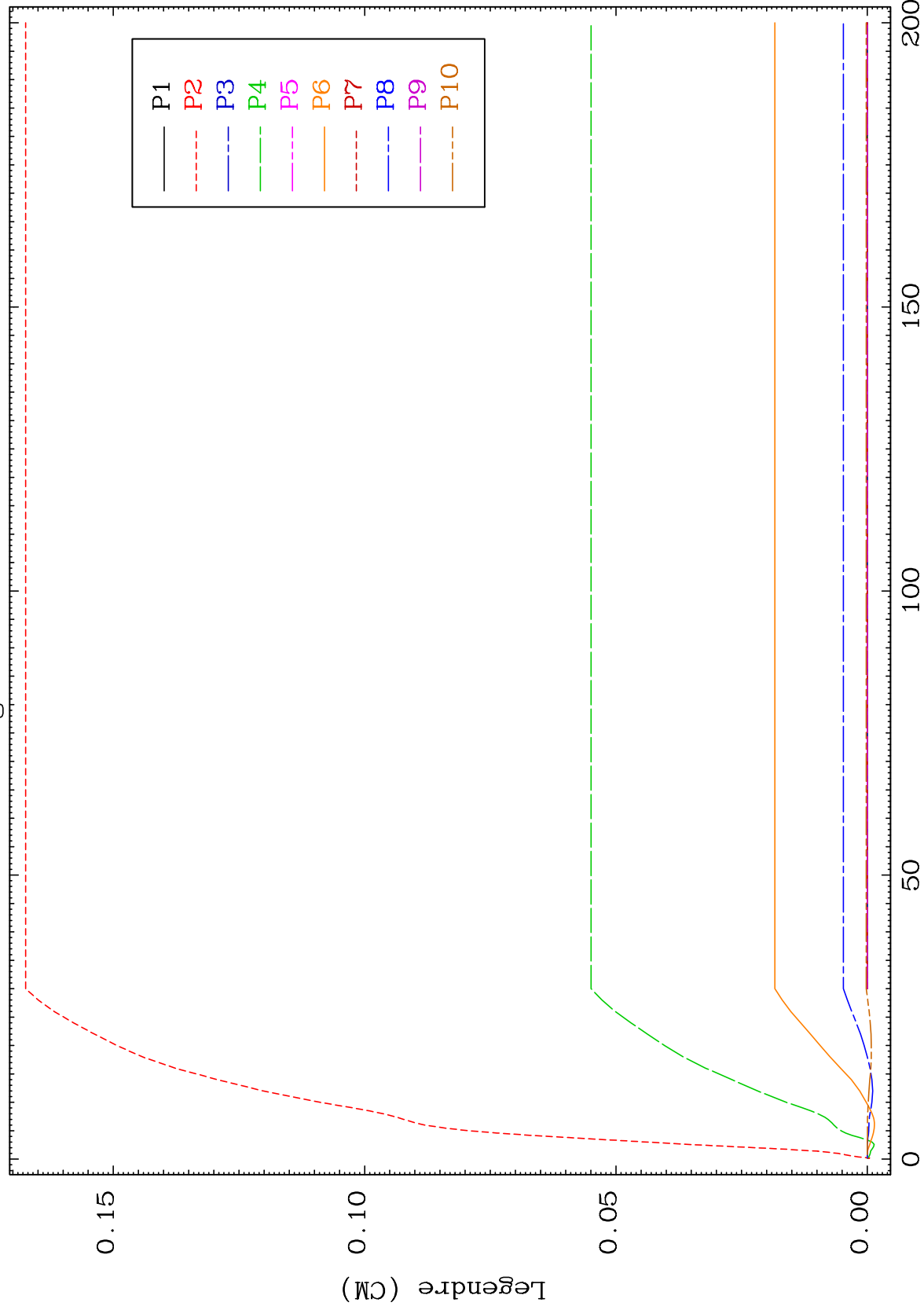
77-Ir-194



MAT 7734

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

77-Ir-194



77-Ir-194

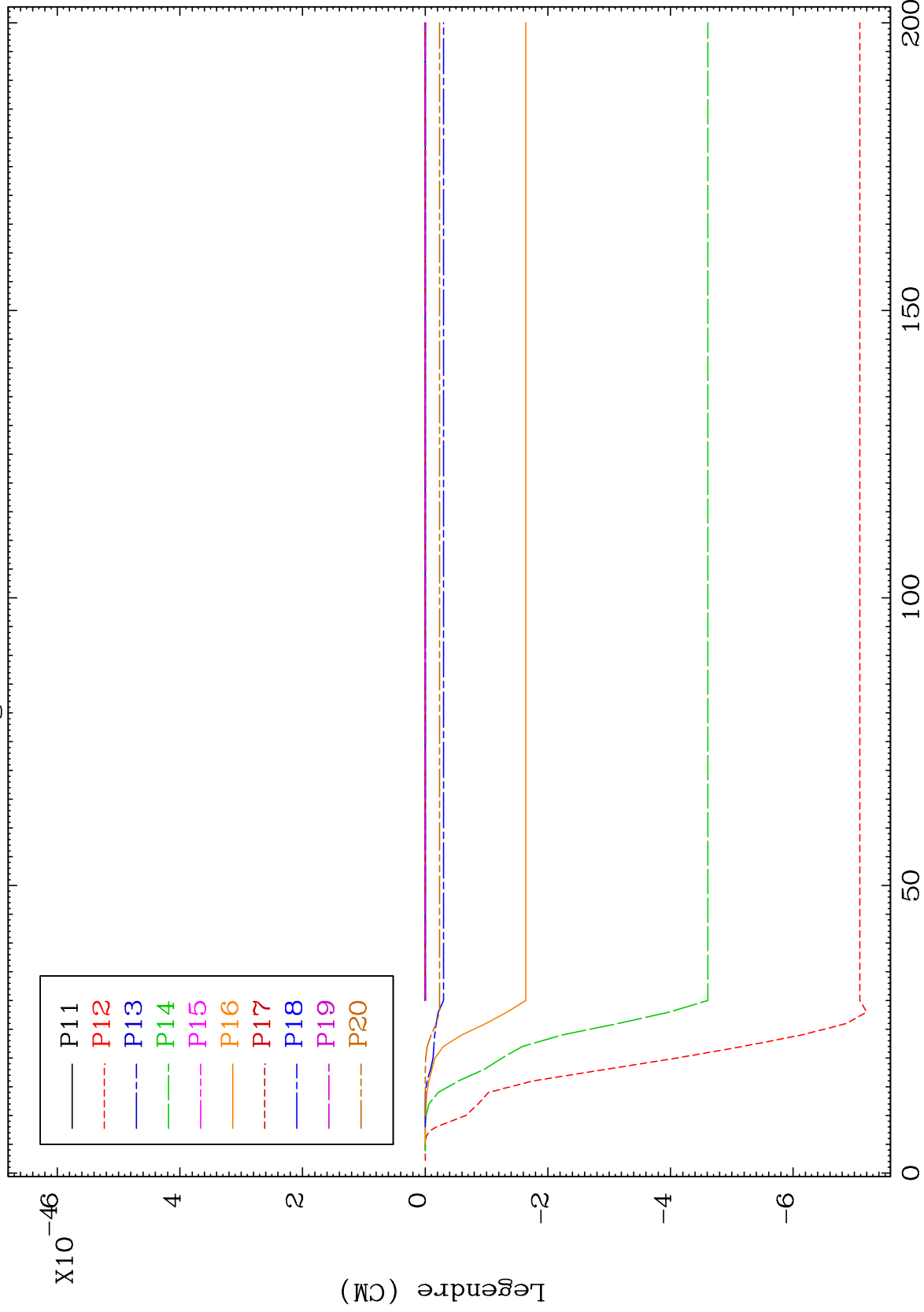
Incident Energy (MeV)

30

MAT 7734

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

77-Ir-194



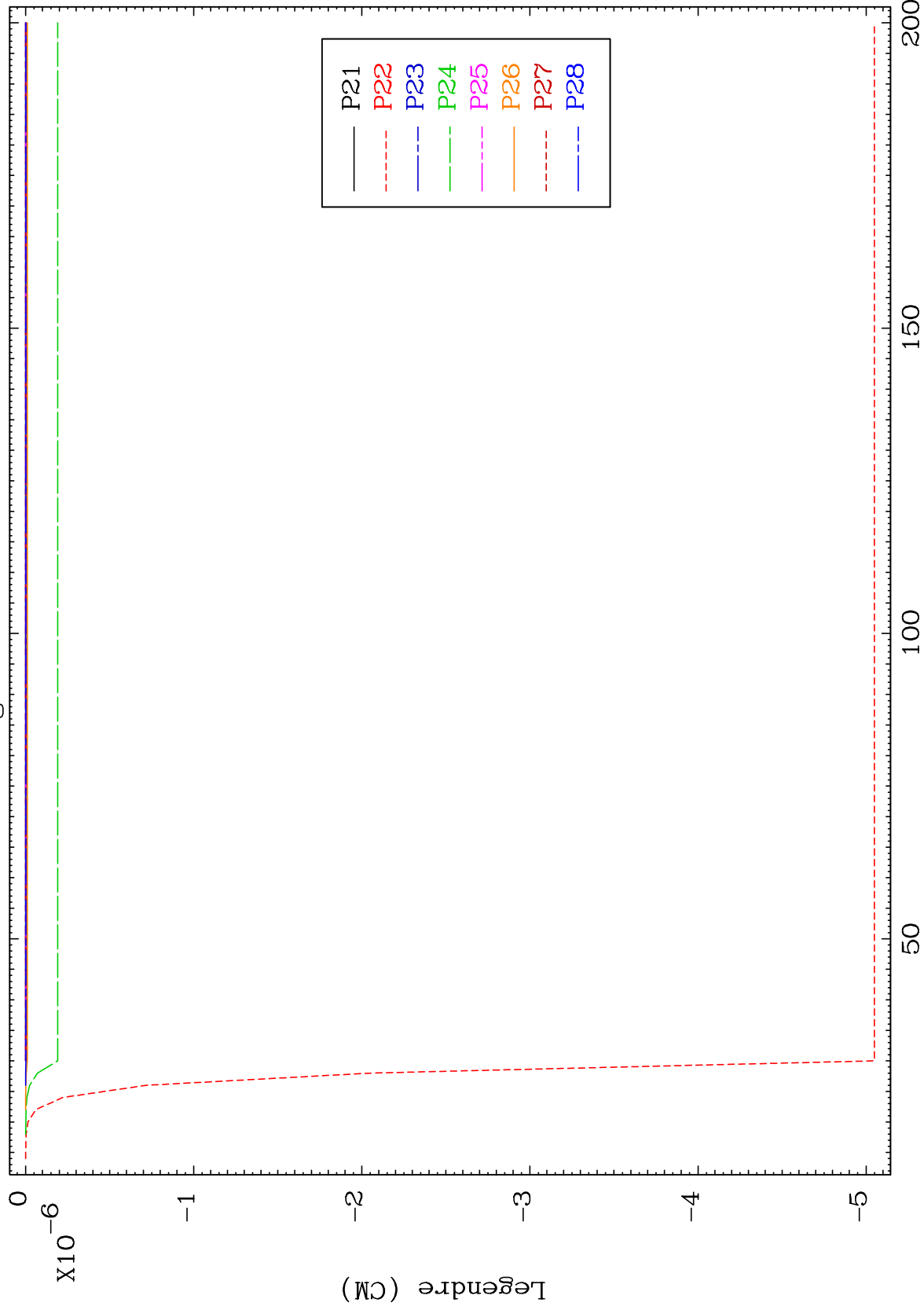
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77-Ir-194

MAT 7734

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

77-Ir-194



32

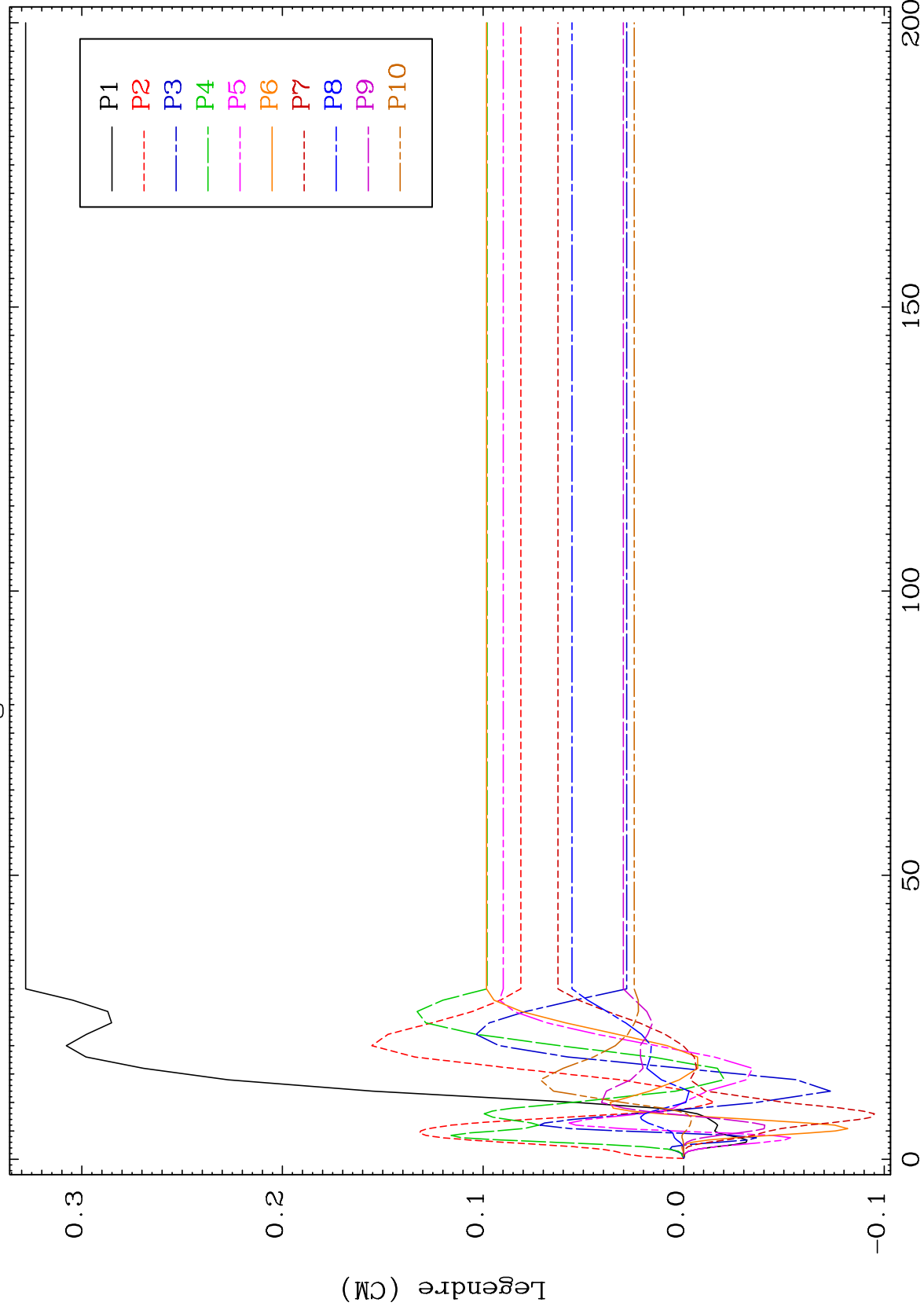
Incident Energy (MeV)

77-Ir-194

MAT 7734

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

77-Ir-194



33

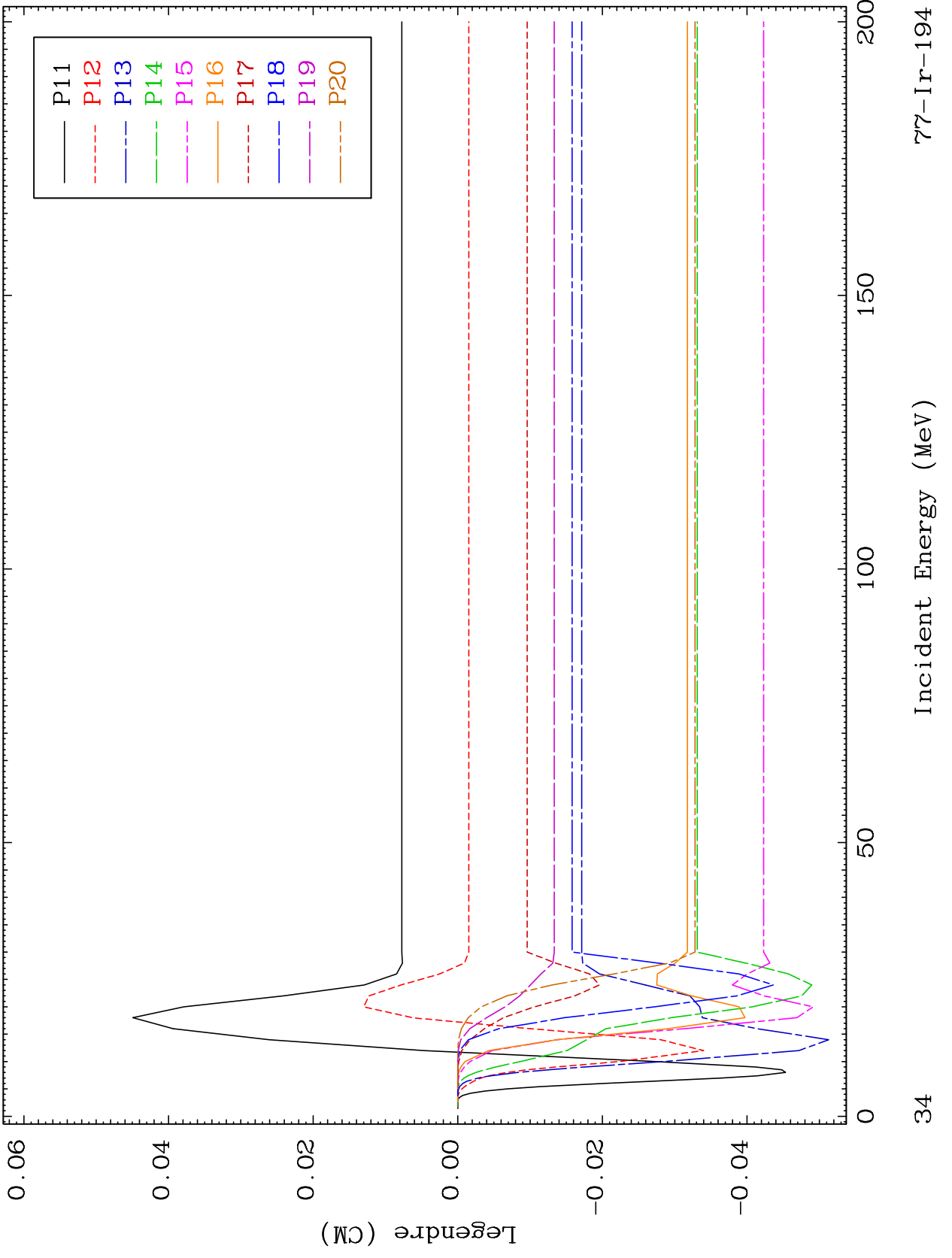
Incident Energy (MeV)

77-Ir-194

MAT 7734

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

77-Ir-194



34

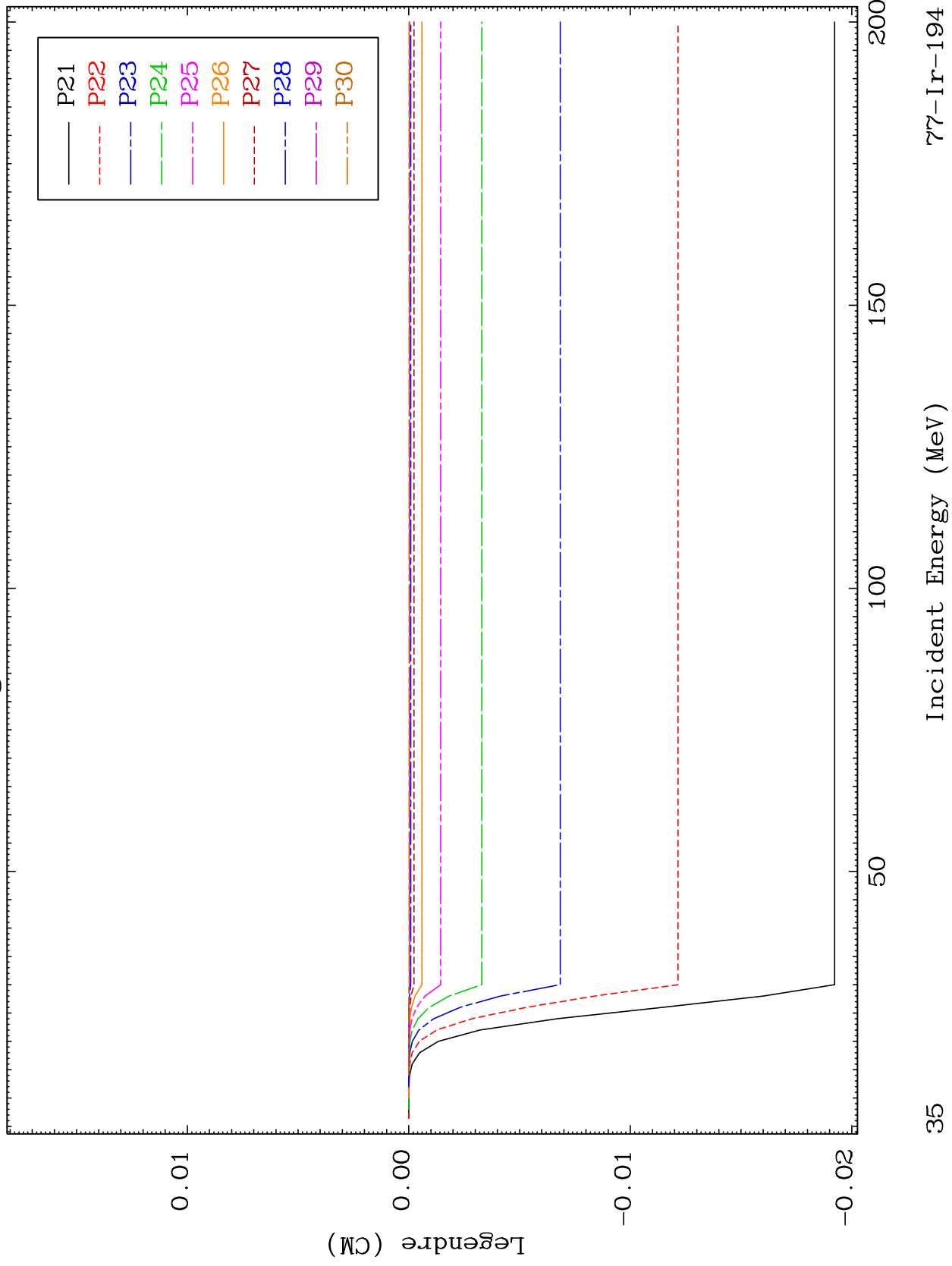
Incident Energy (MeV)

77-Ir-194

MAT 7734

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

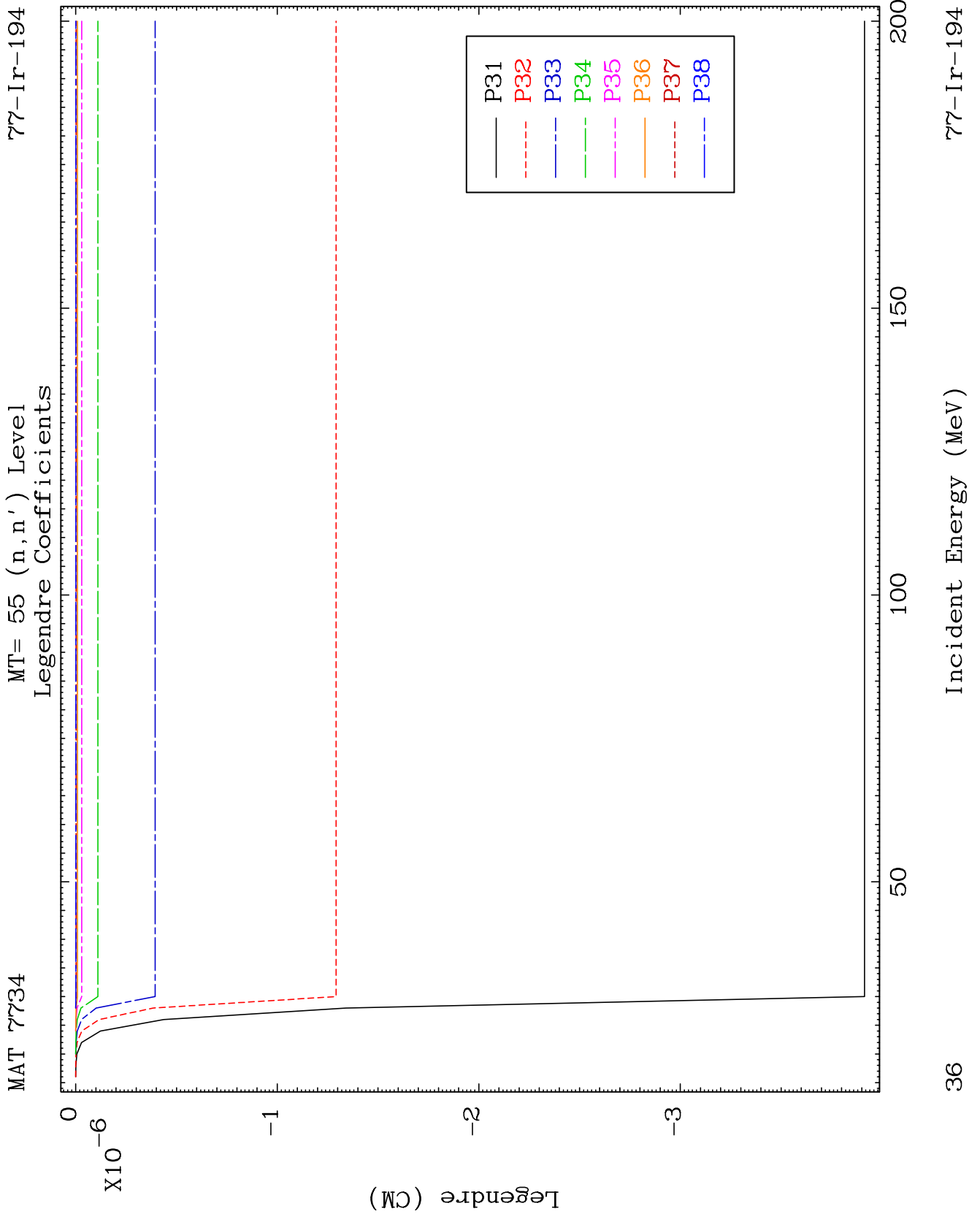
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35

Incident Energy (MeV)

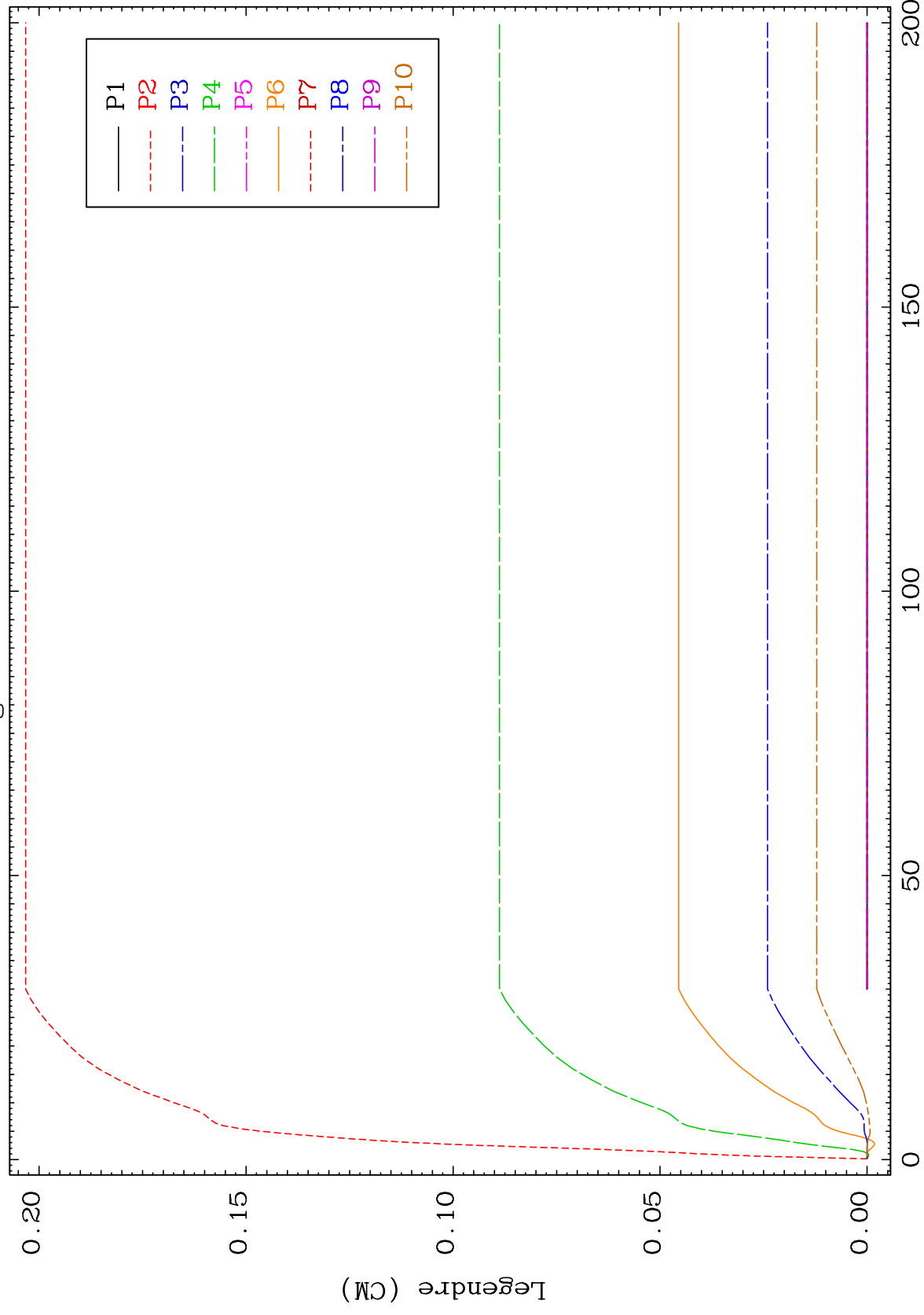
77-Ir-194



MAT 7734

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

77-Ir-194



37

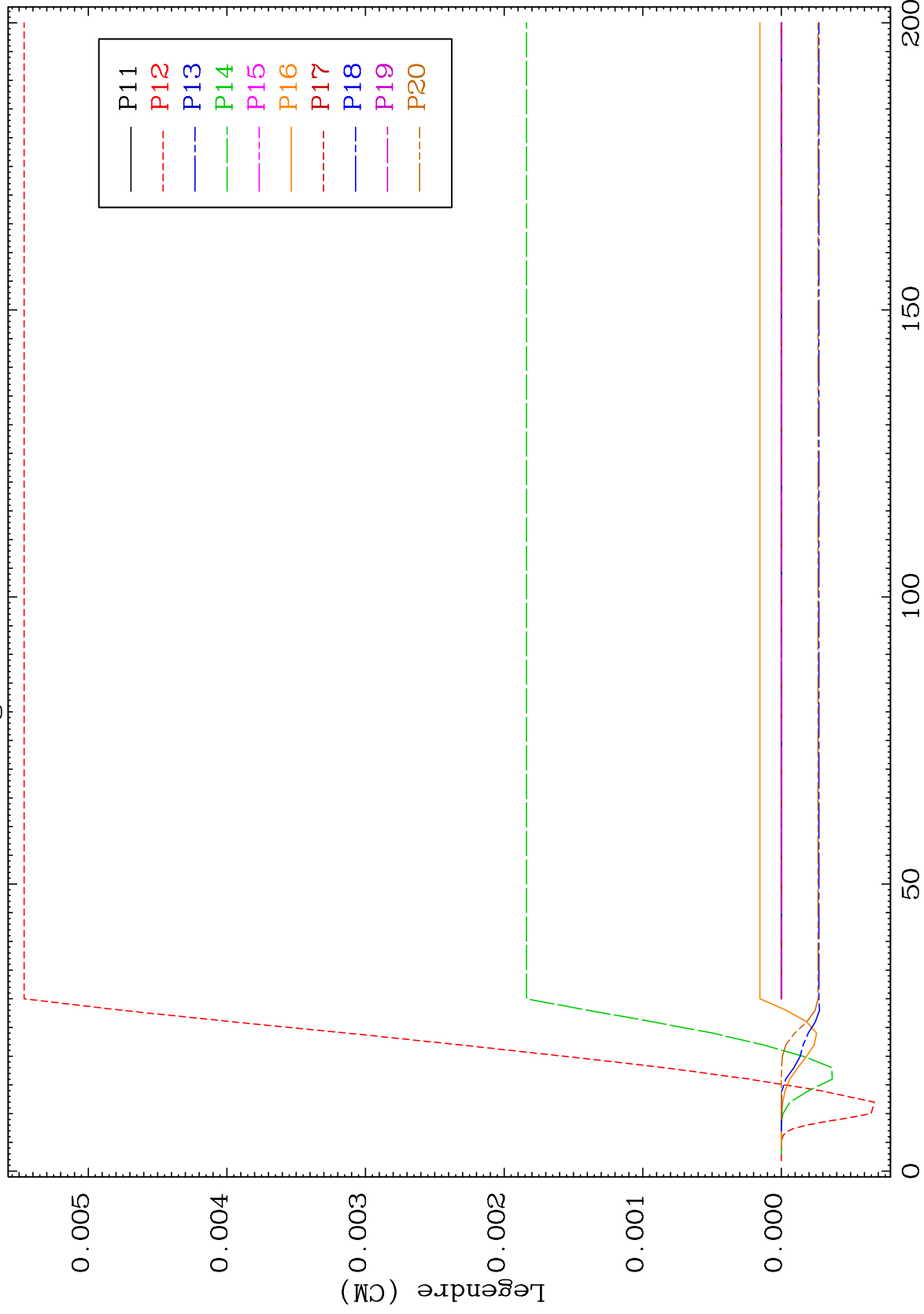
Incident Energy (MeV)

77-Ir-194

MAT 7734

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

77-Ir-194



38

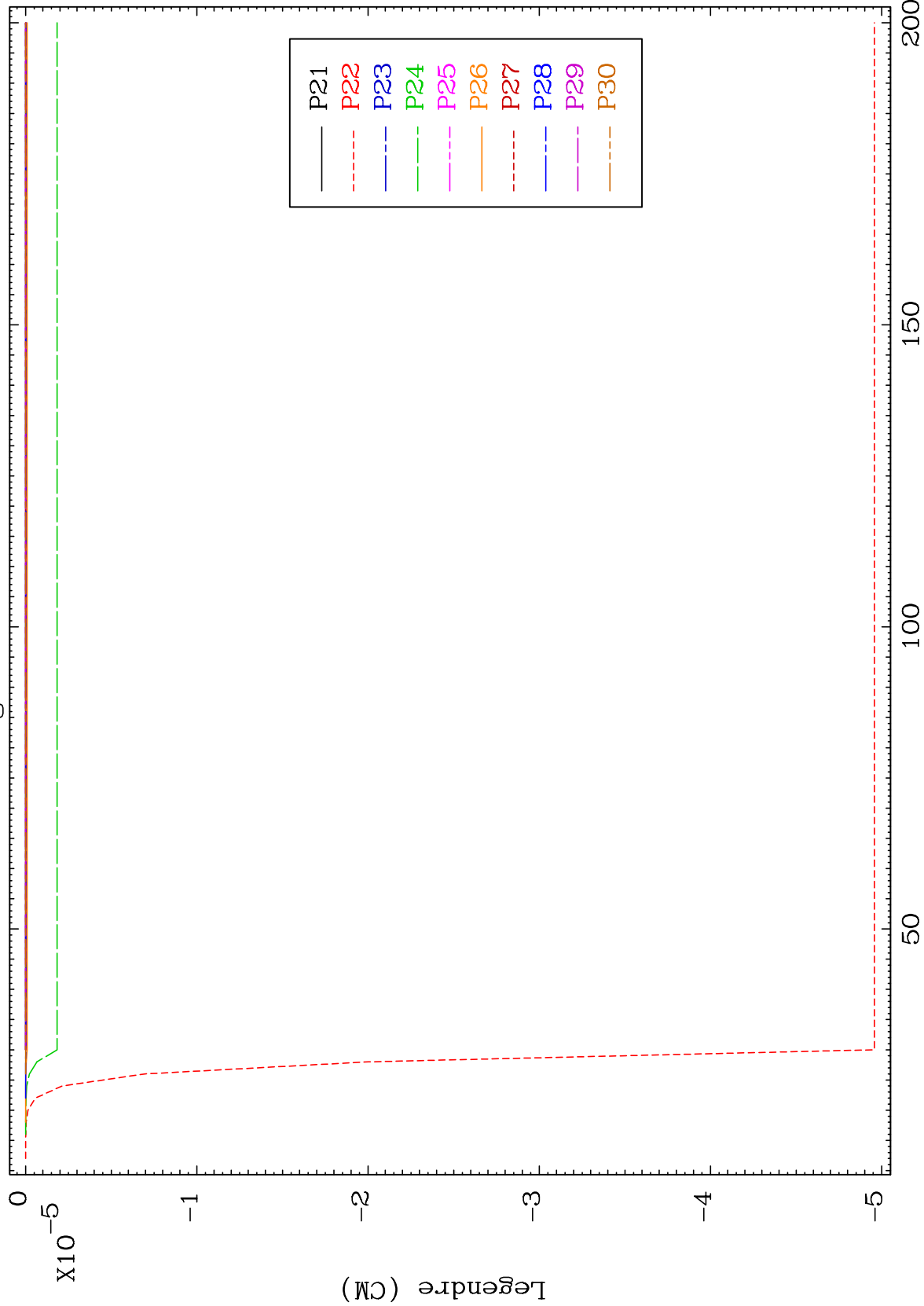
Incident Energy (MeV)

77-Ir-194

MAT 7734

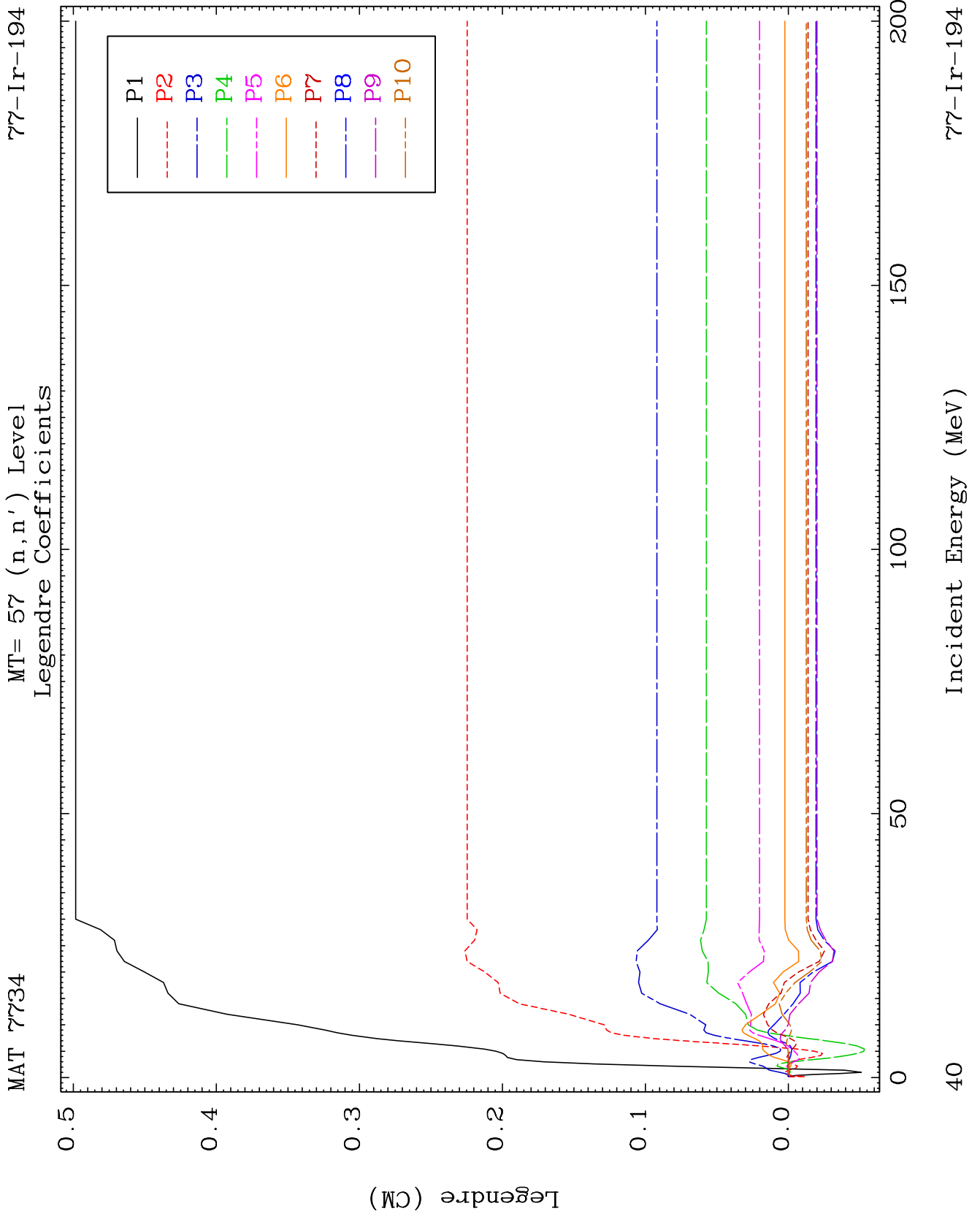
MT= 56 (n,n') Level
Legendre Coefficients

77-Ir-194



39

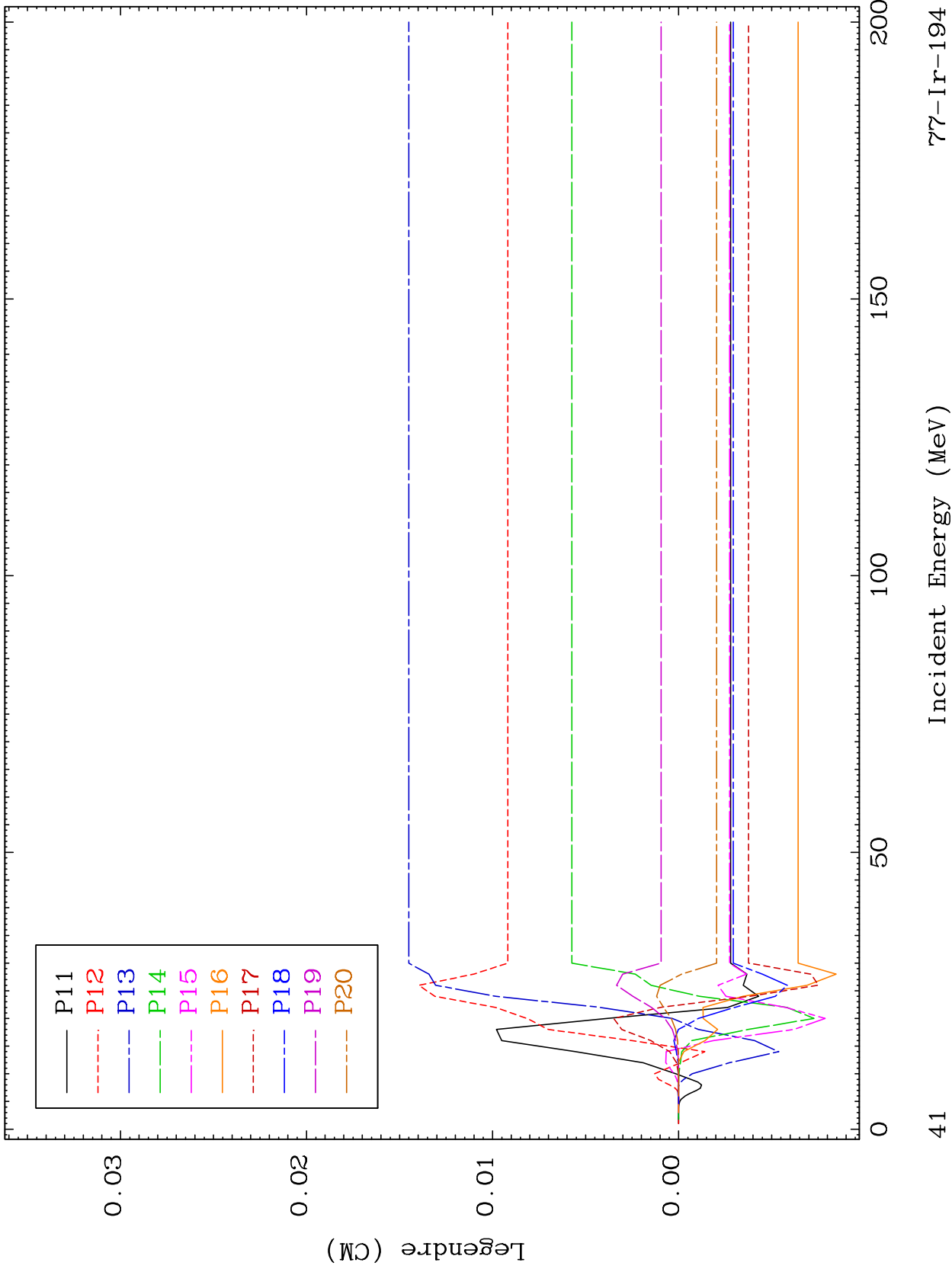
77-Ir-194



MAT 7734

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

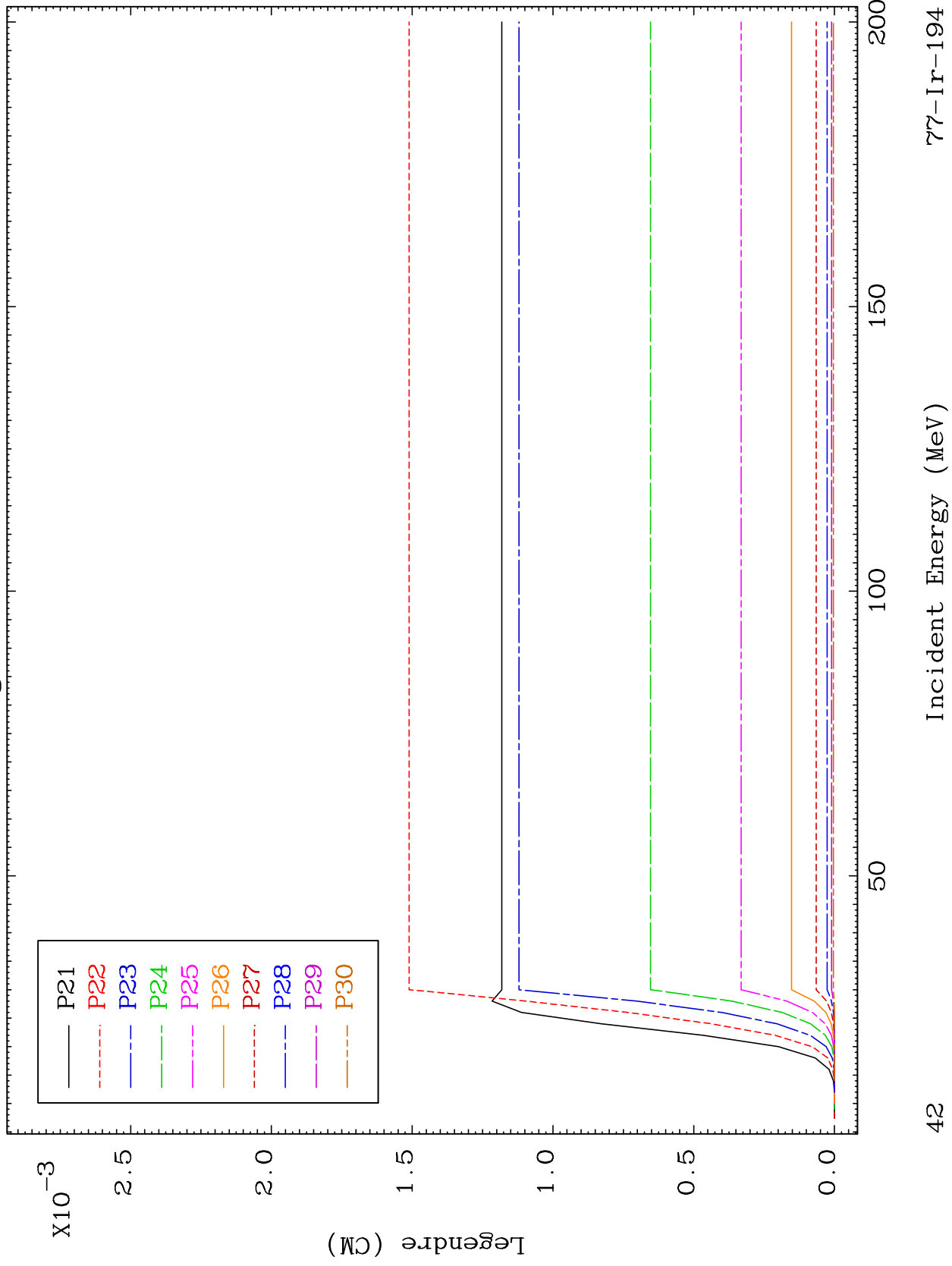
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MAT 7734

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

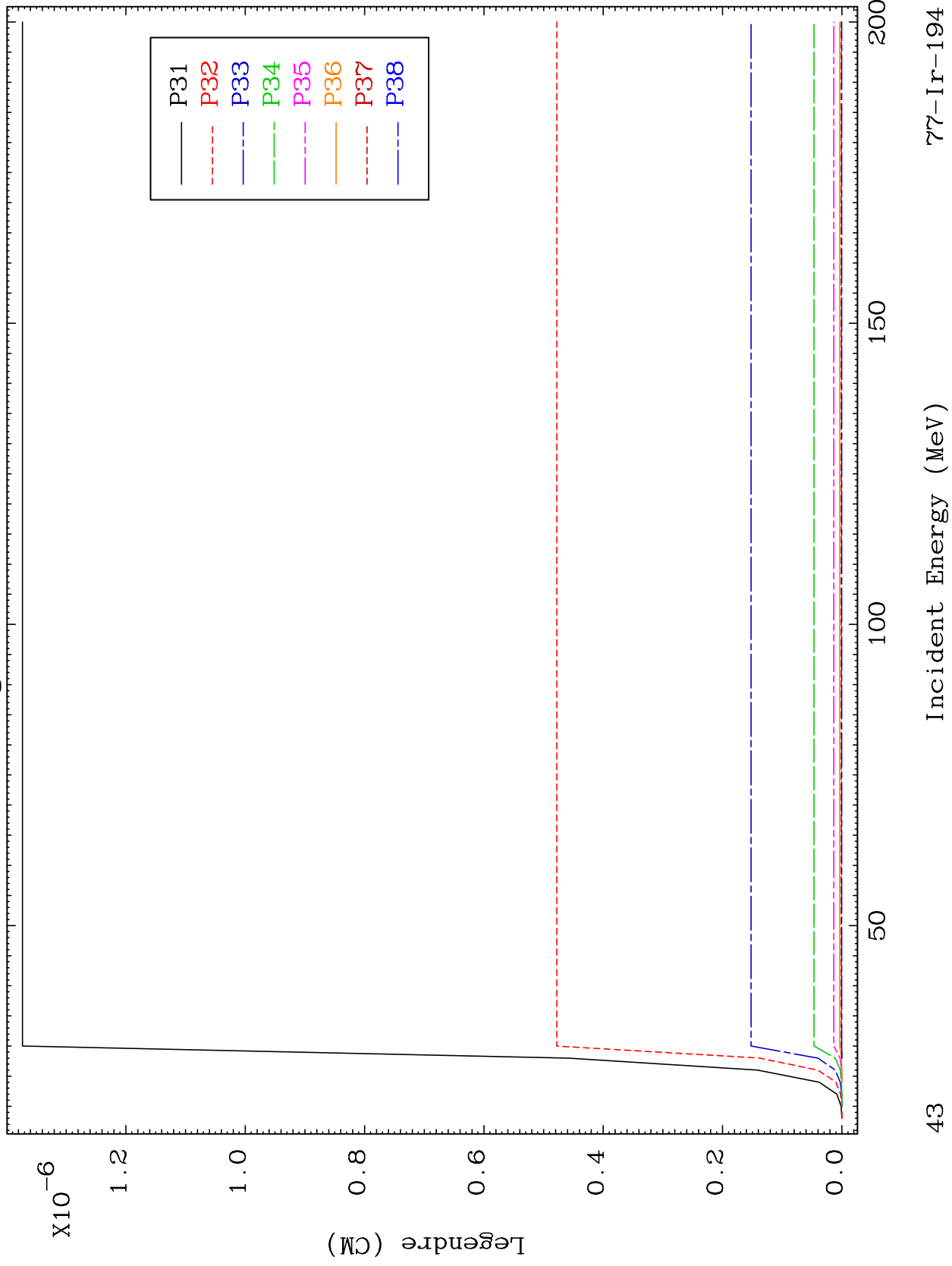
77-Ir-194



MAT 7734

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

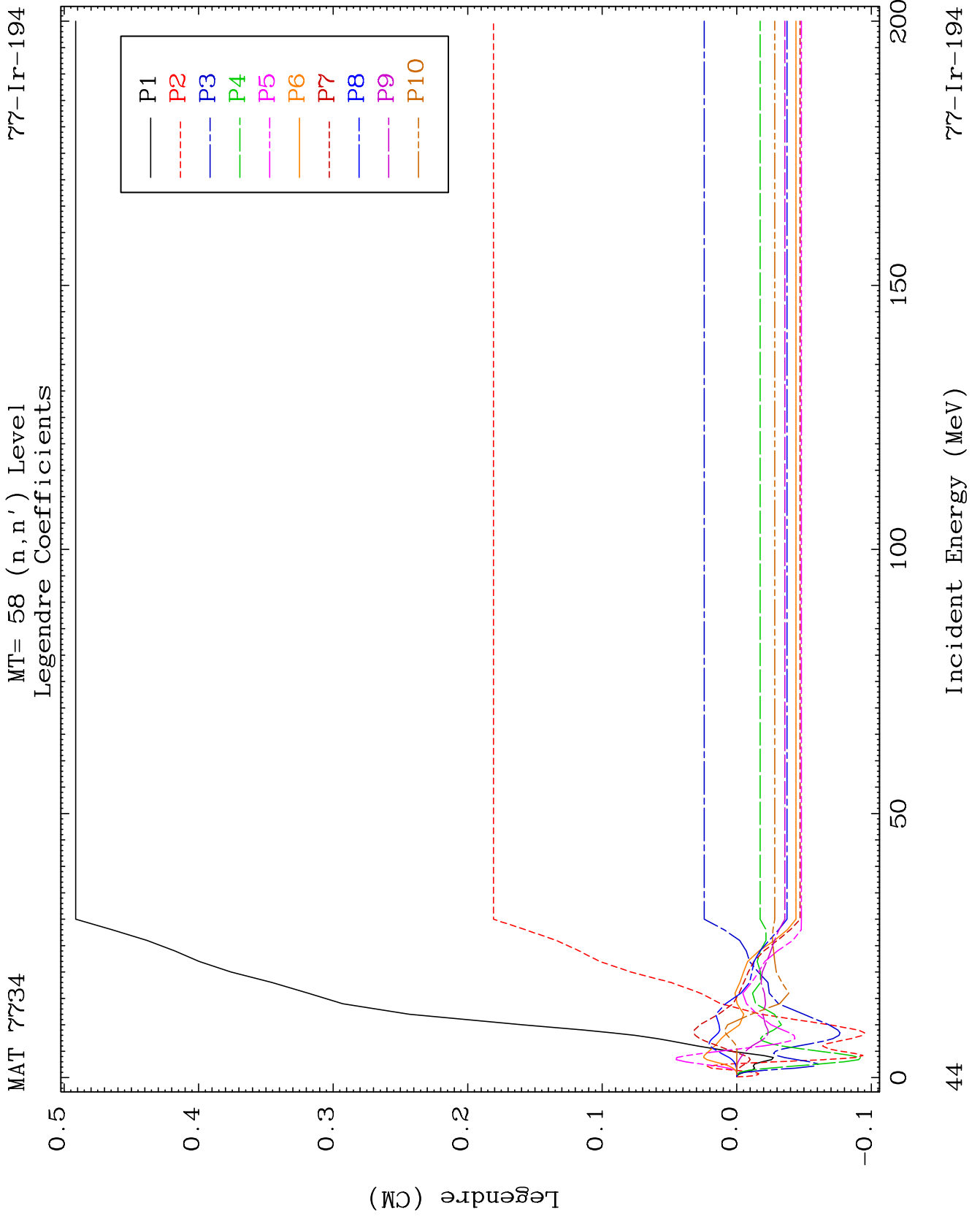
77-Ir-194



43

Incident Energy (MeV)

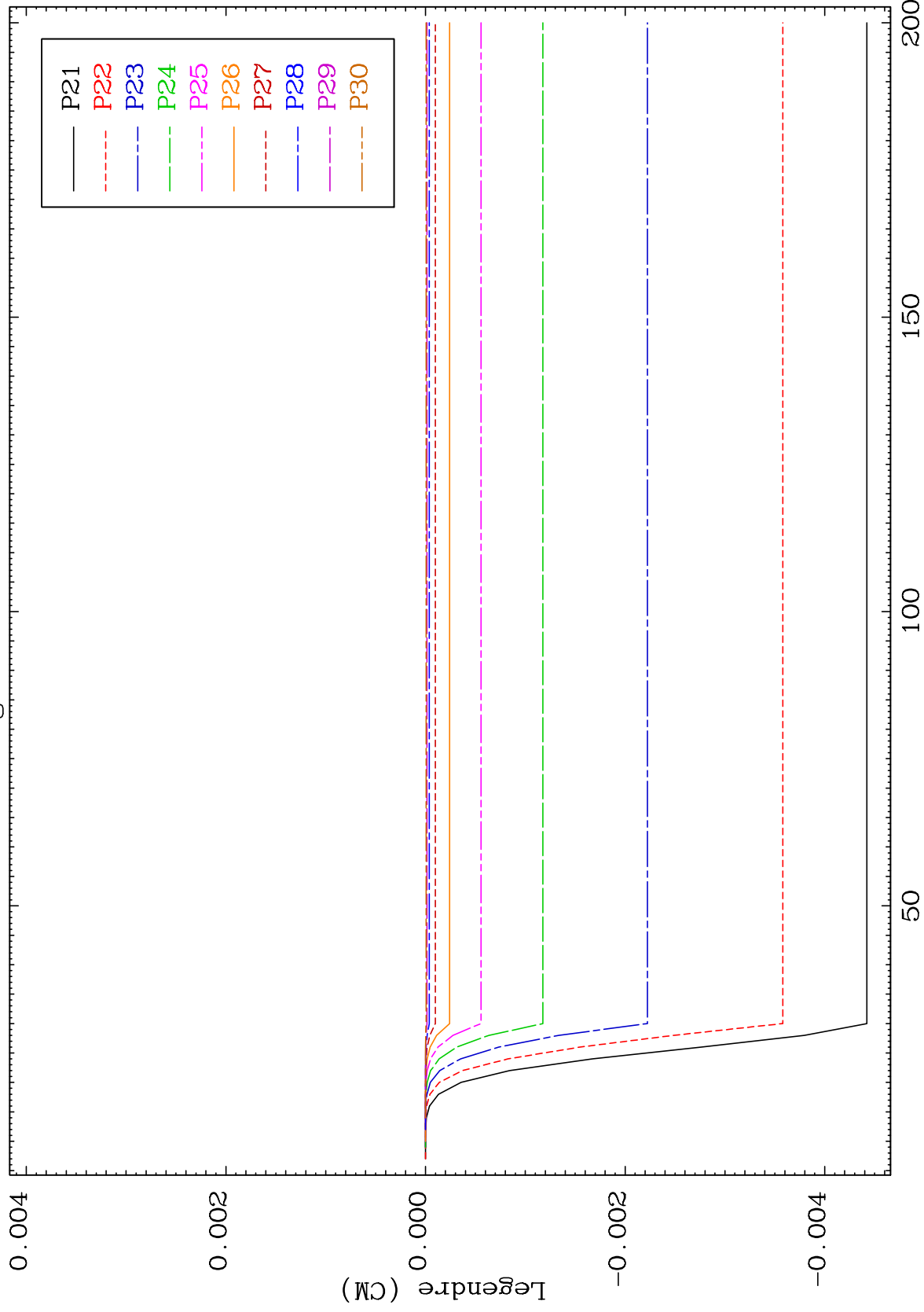
77-Ir-194



MAT 7734

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

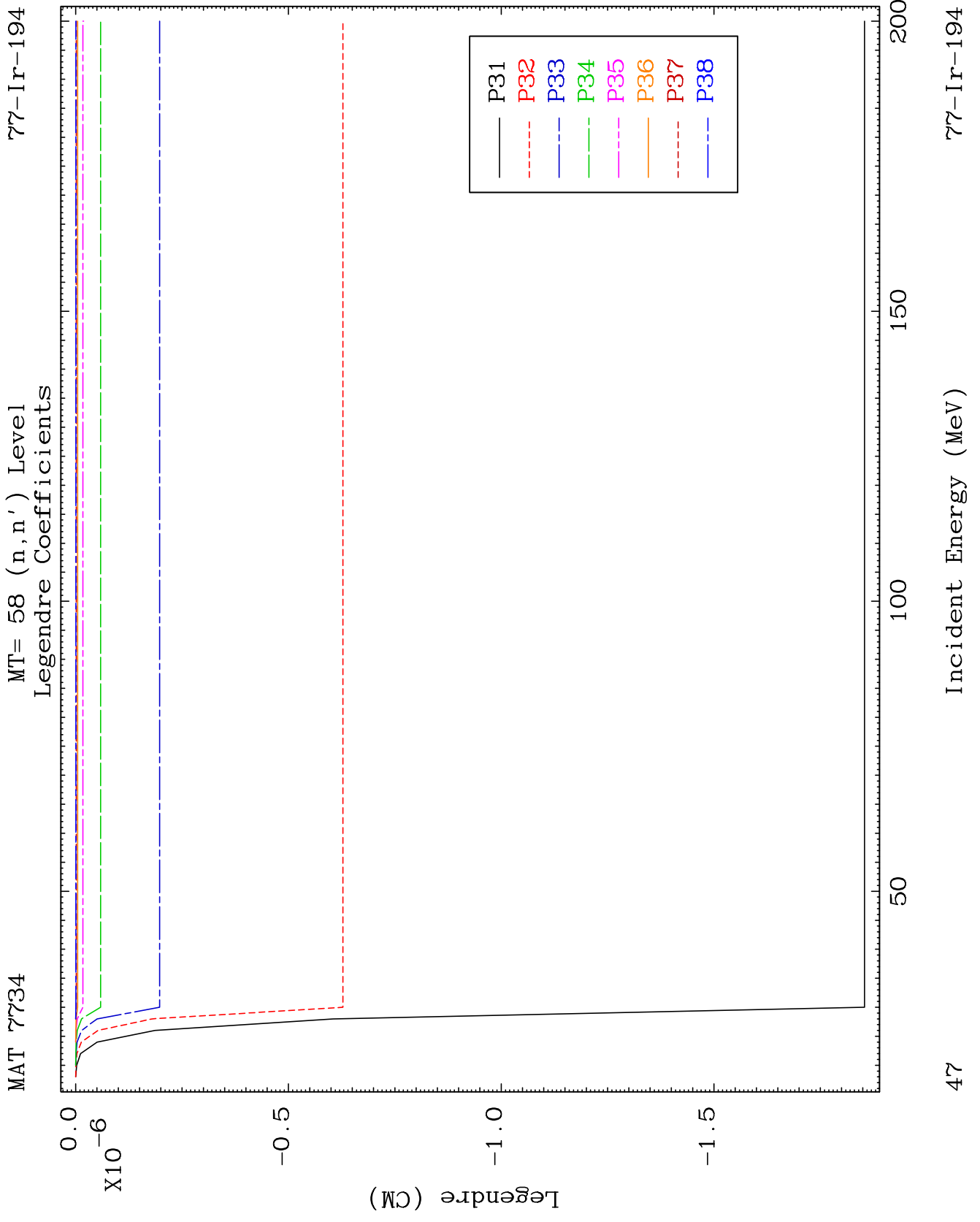
77-Ir-194



46

Incident Energy (MeV)

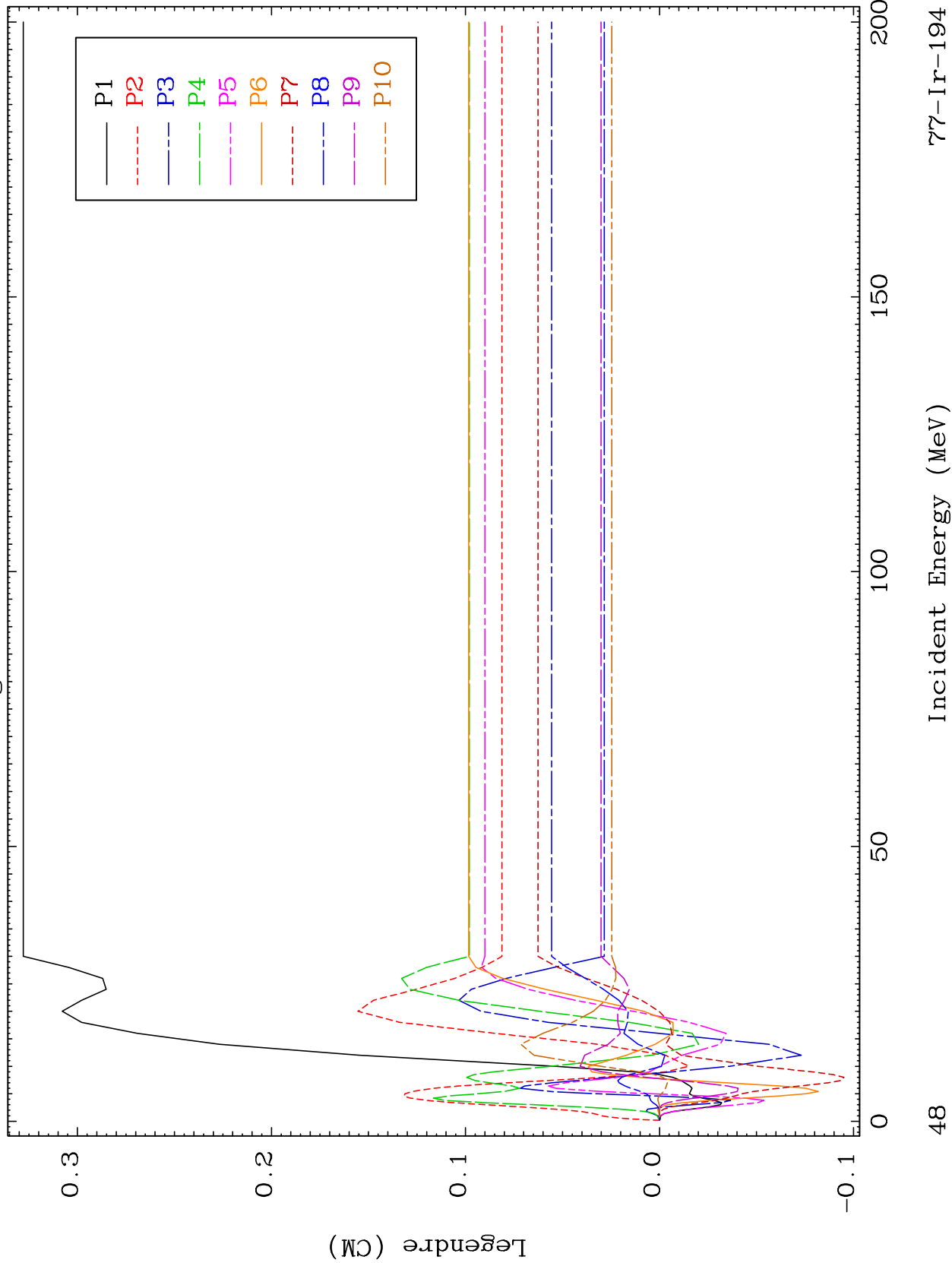
77-Ir-194



MAT 7734

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

77-Ir-194



77-Ir-194

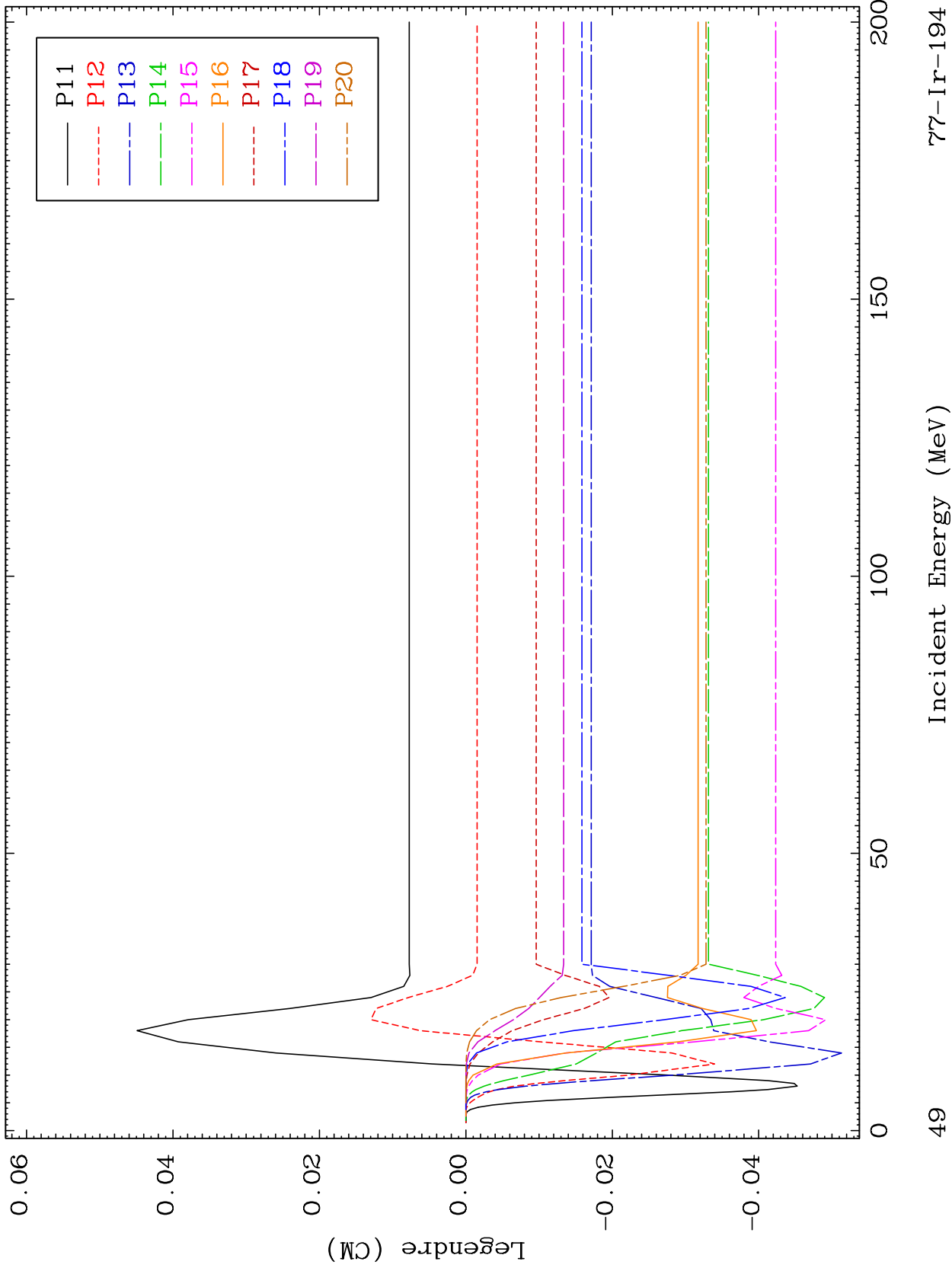
Incident Energy (MeV)

48

MAT 7734

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

77-Ir-194



49

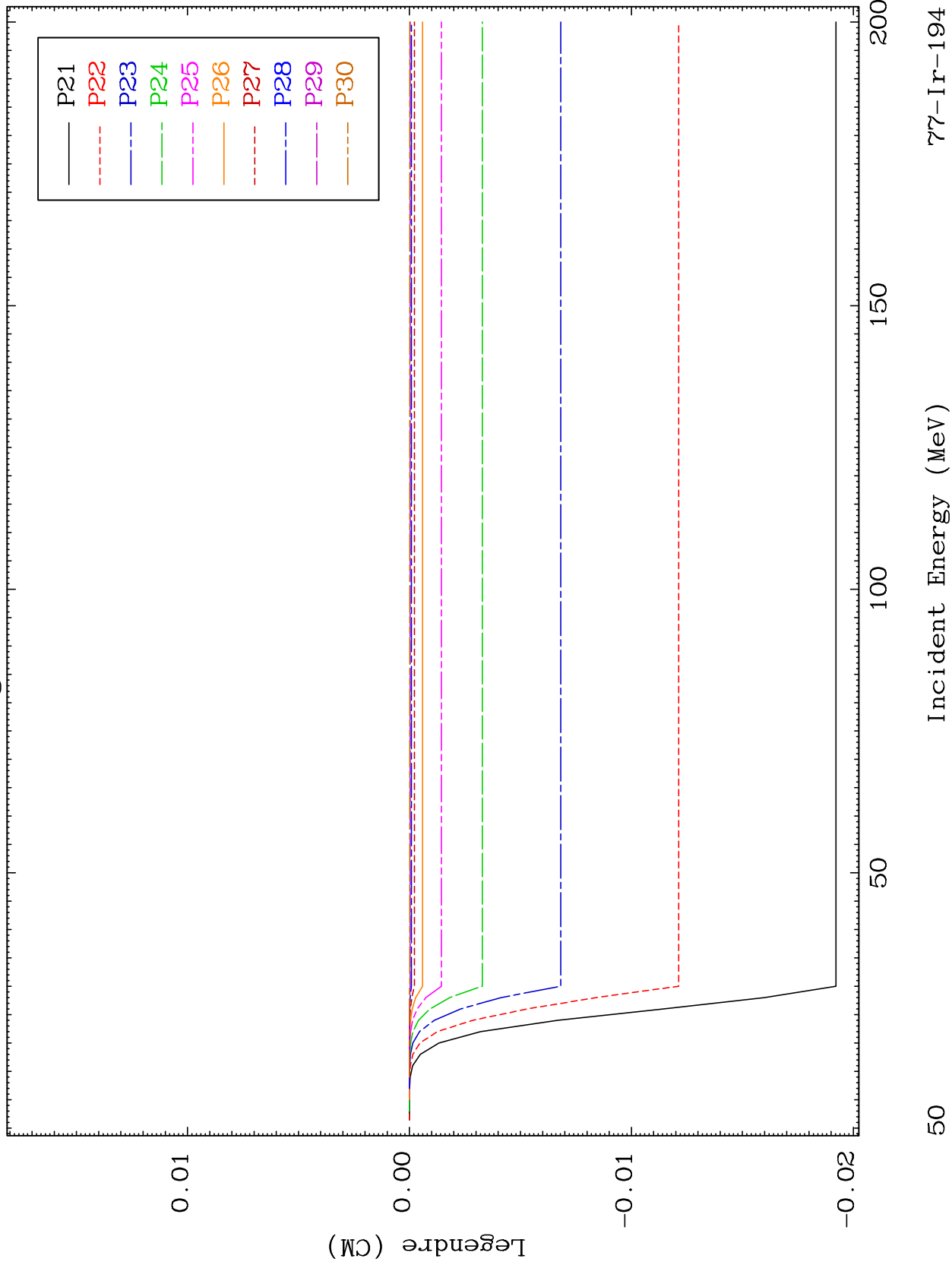
Incident Energy (MeV)

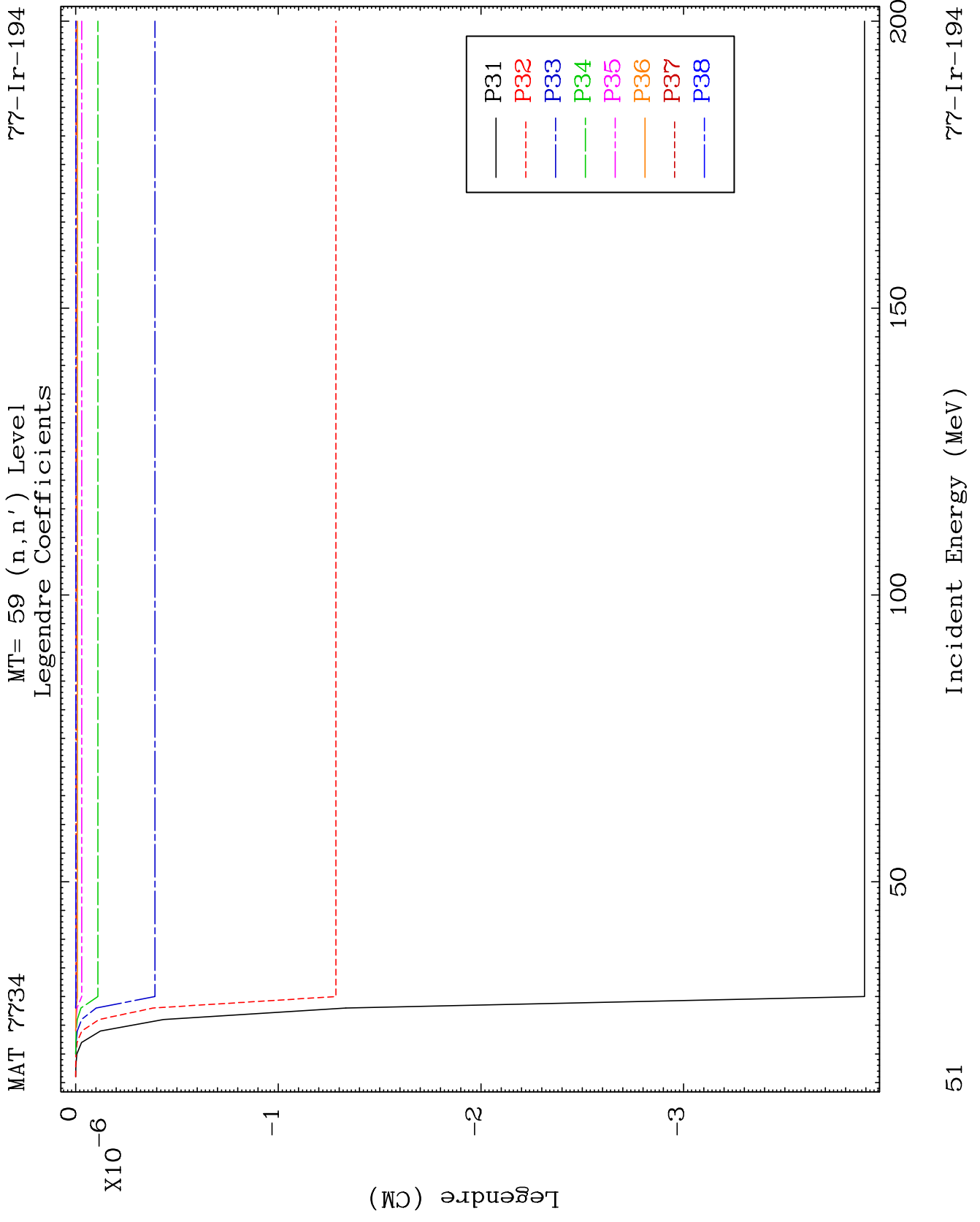
77-Ir-194

MAT 7734

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

77-Ir-194

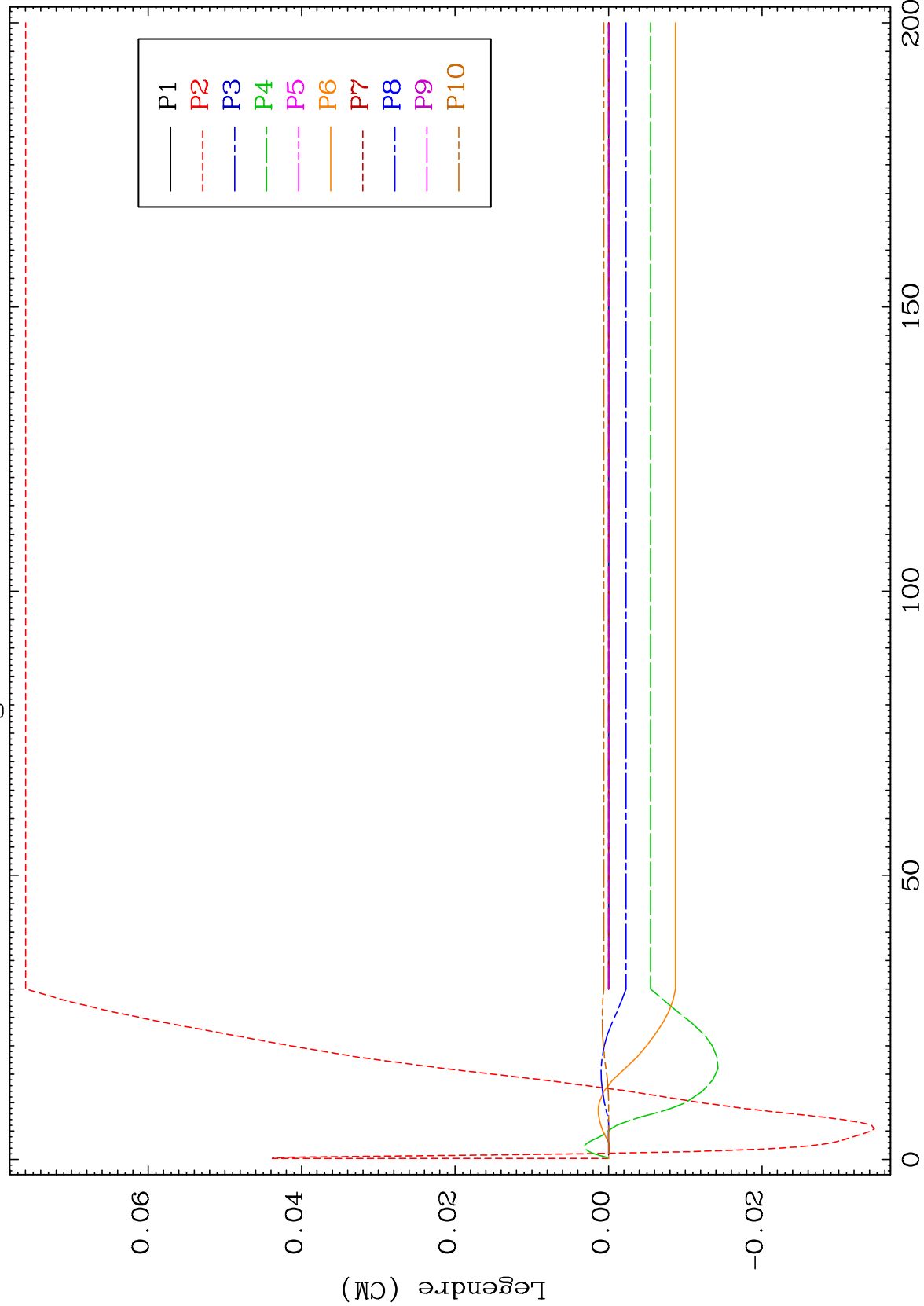




MAT 7734

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

77-Ir-194



52

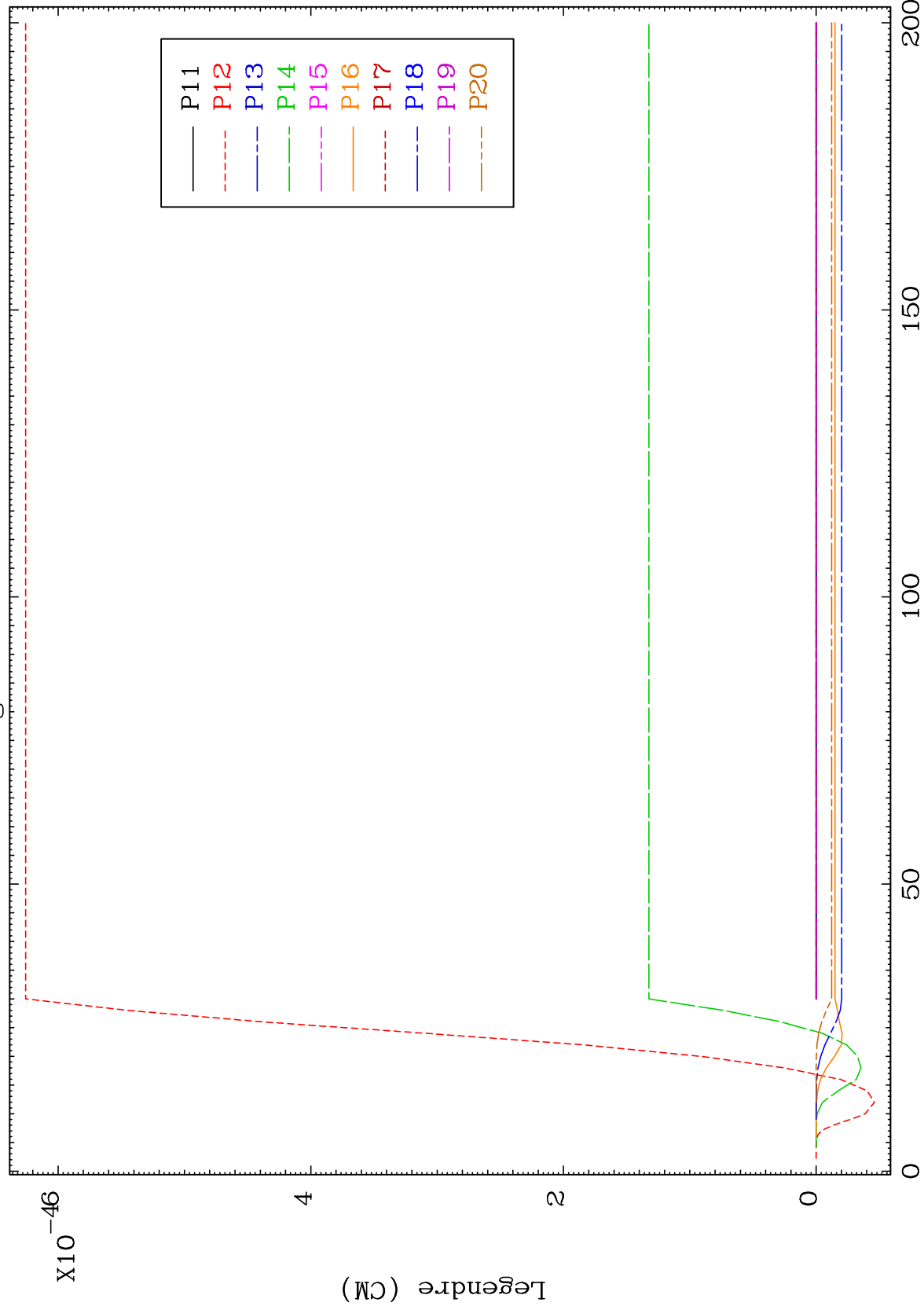
Incident Energy (MeV)

77-Ir-194

MAT 7734

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

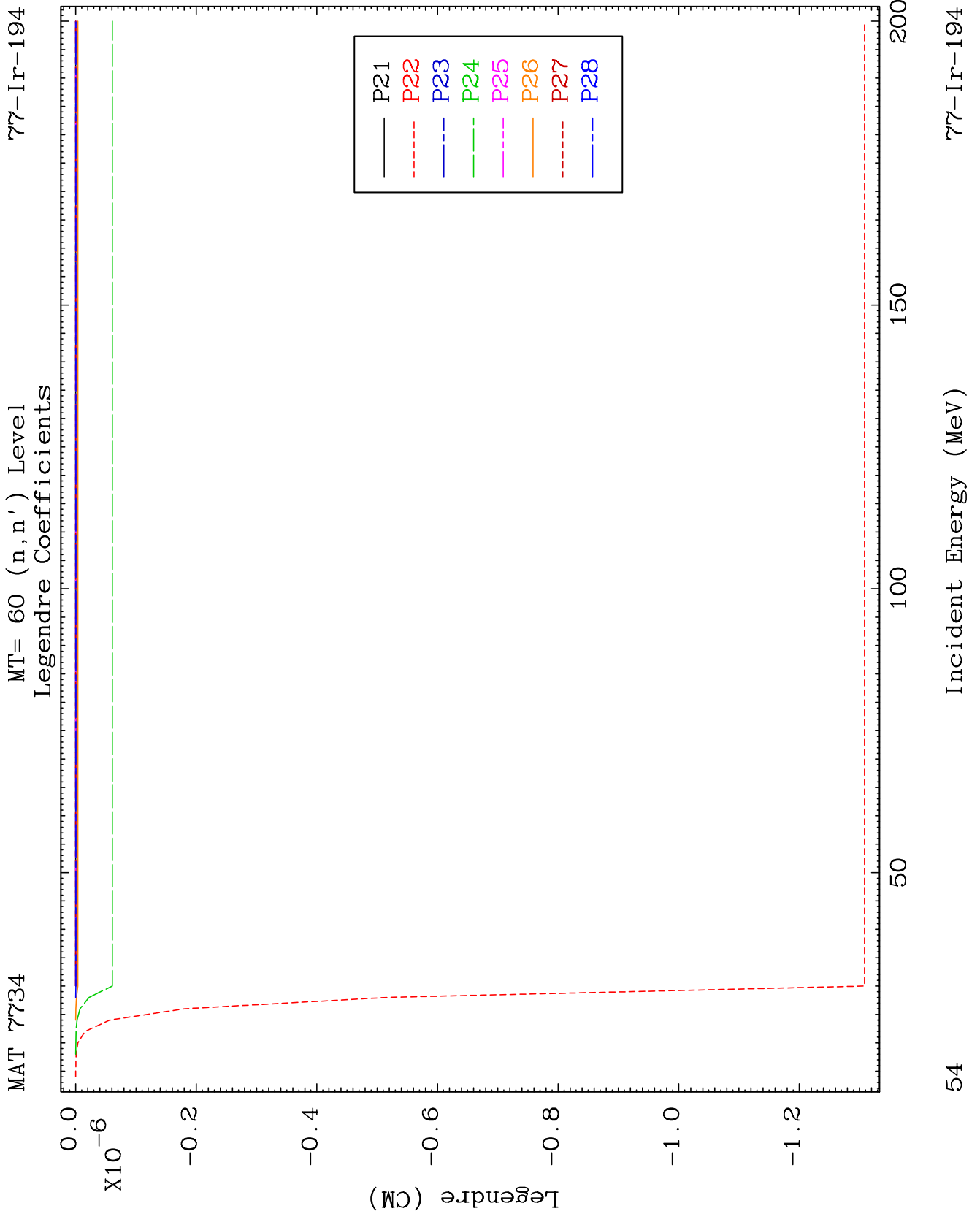
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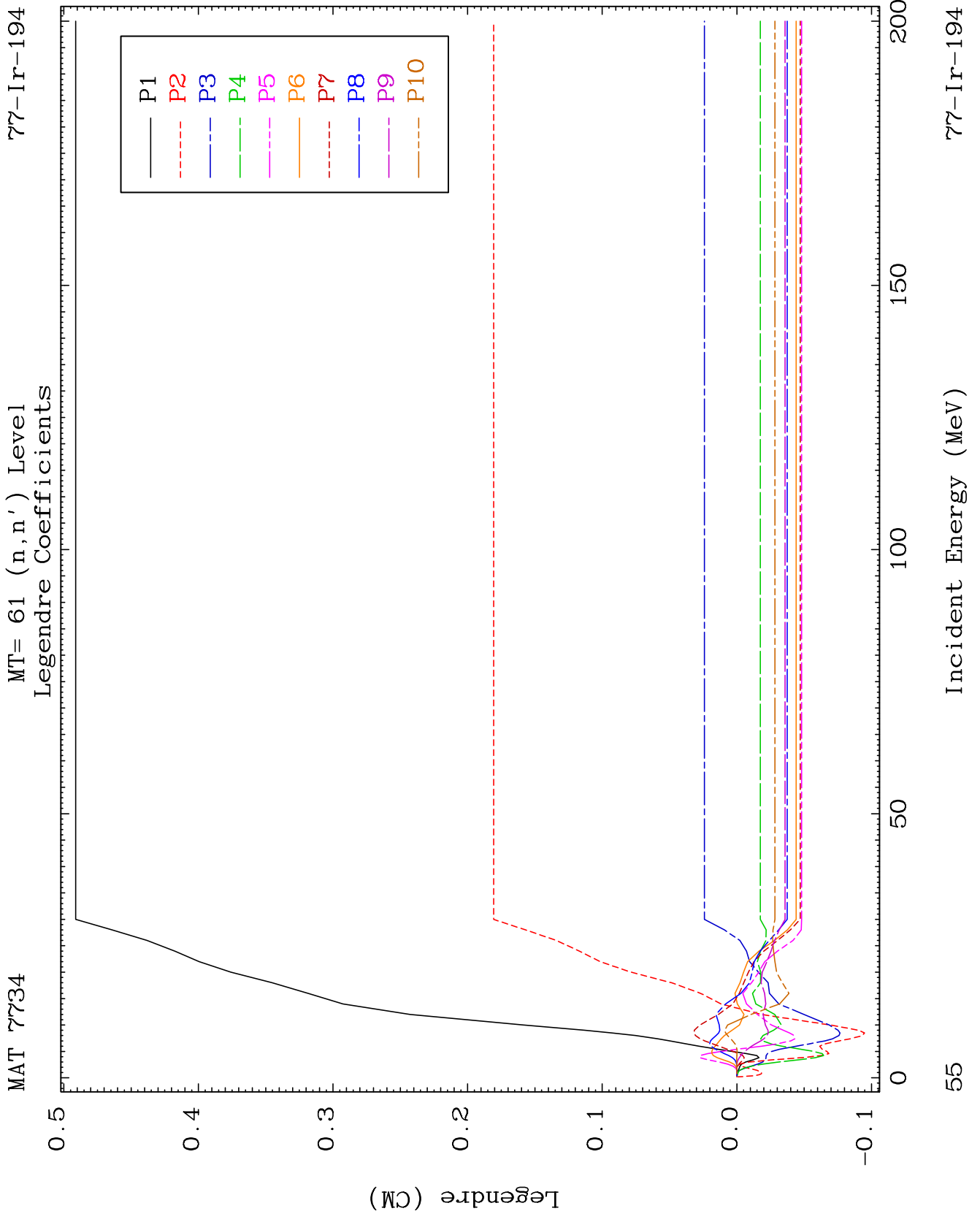


53

Incident Energy (MeV)

77-Ir-194

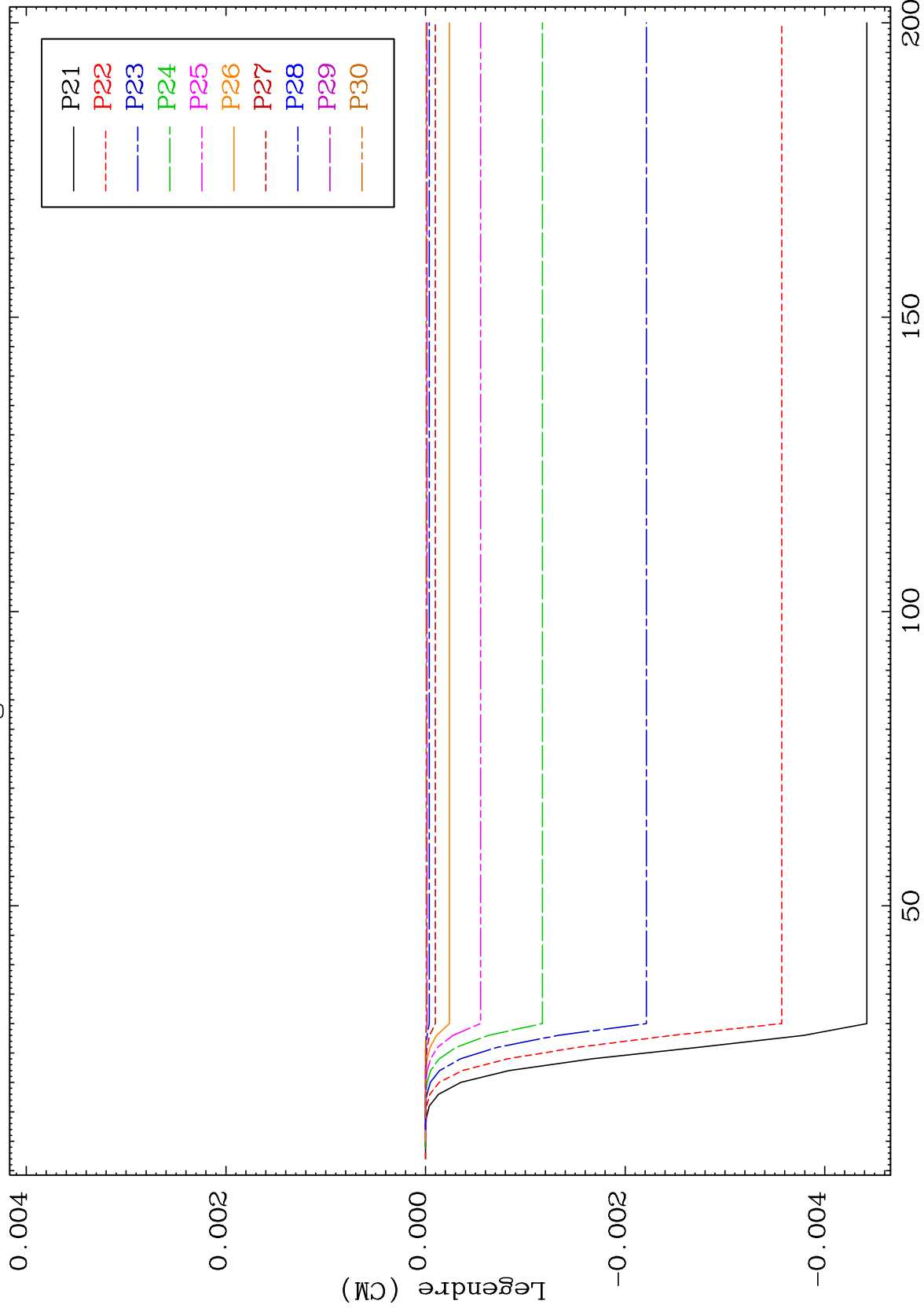




MAT 7734

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

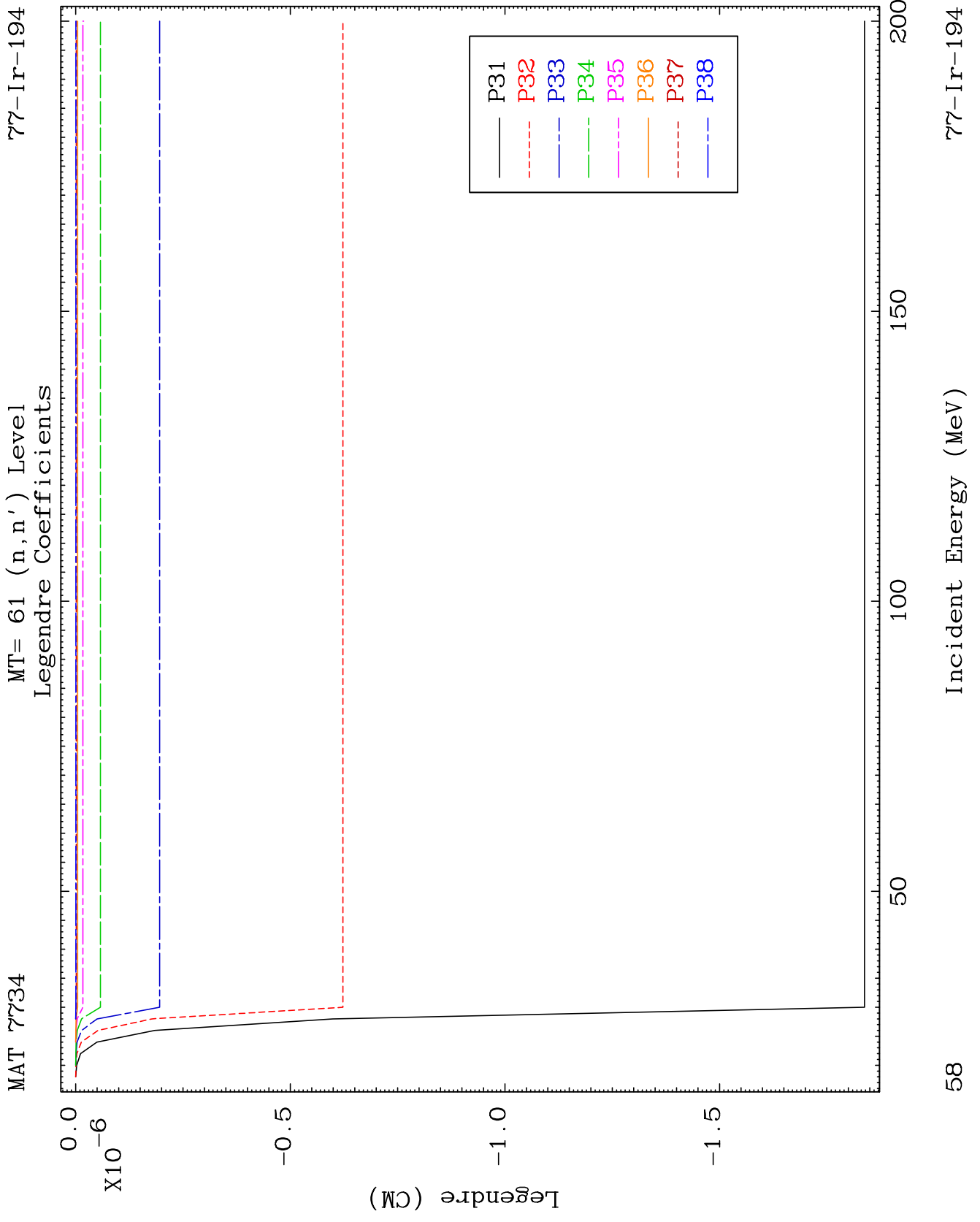
77-Ir-194



57

Incident Energy (MeV)

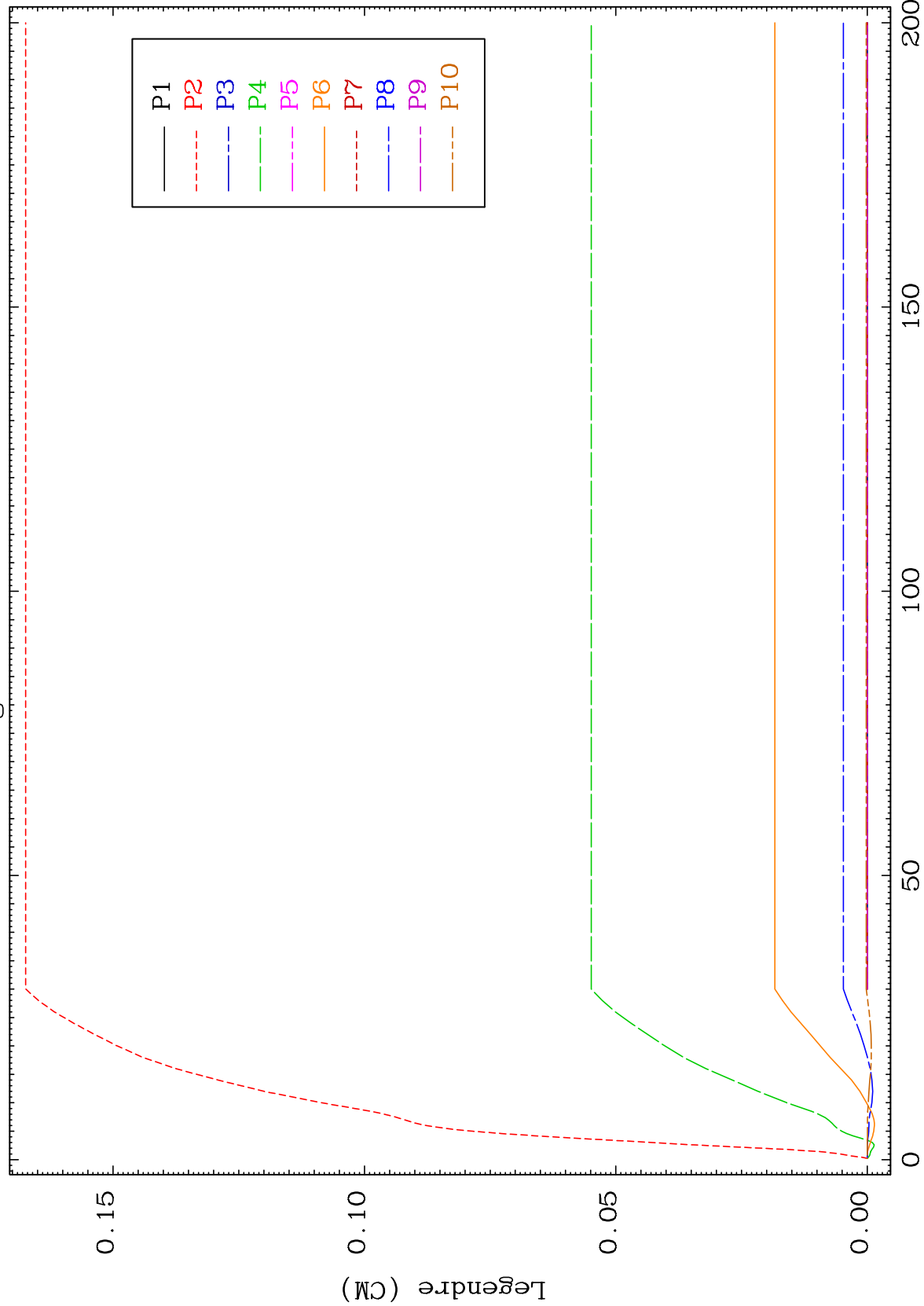
77-Ir-194



MAT 7734

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

77-Ir-194



59

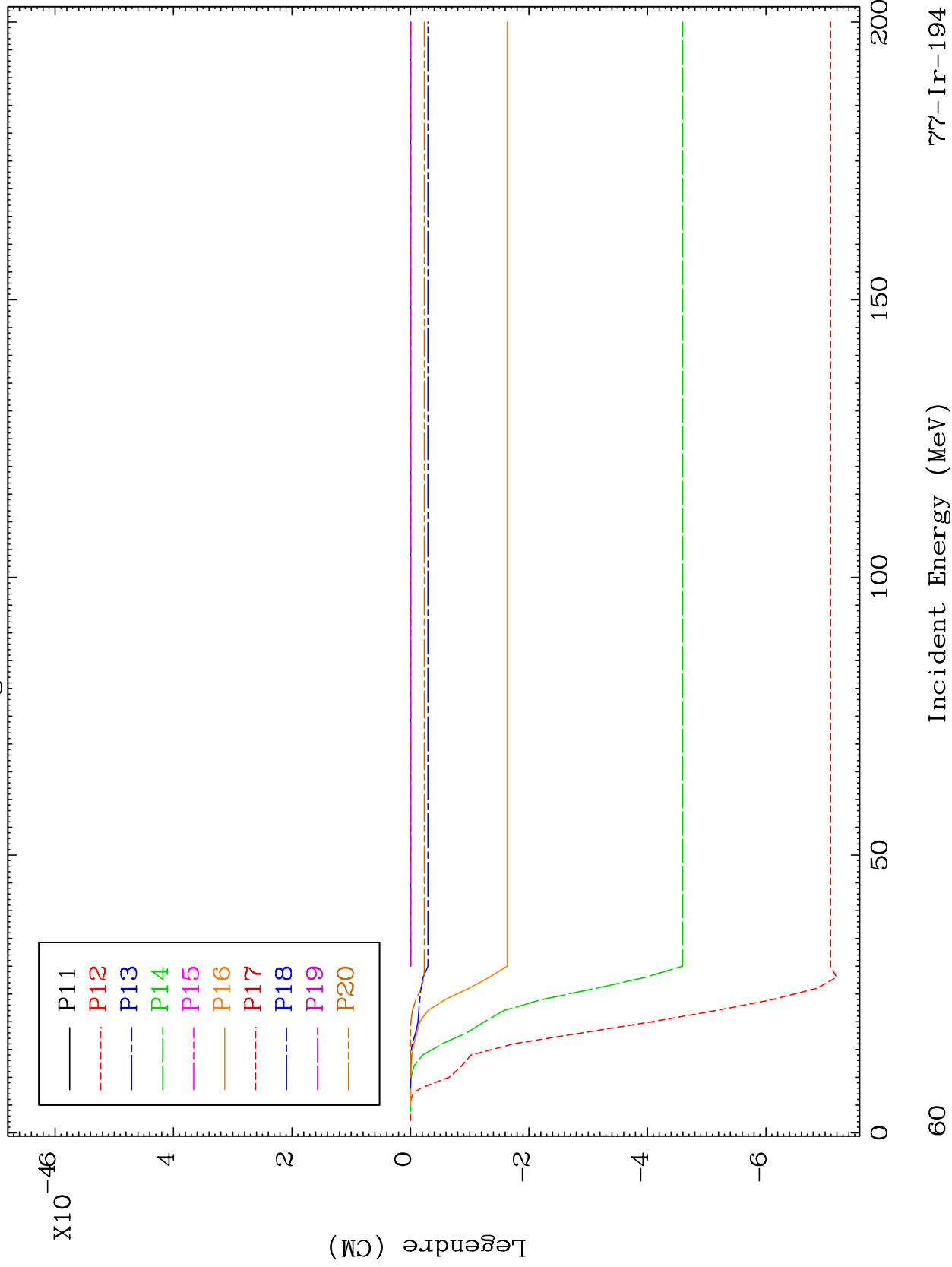
Incident Energy (MeV)

77-Ir-194

MAT 7734

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

77-Ir-194



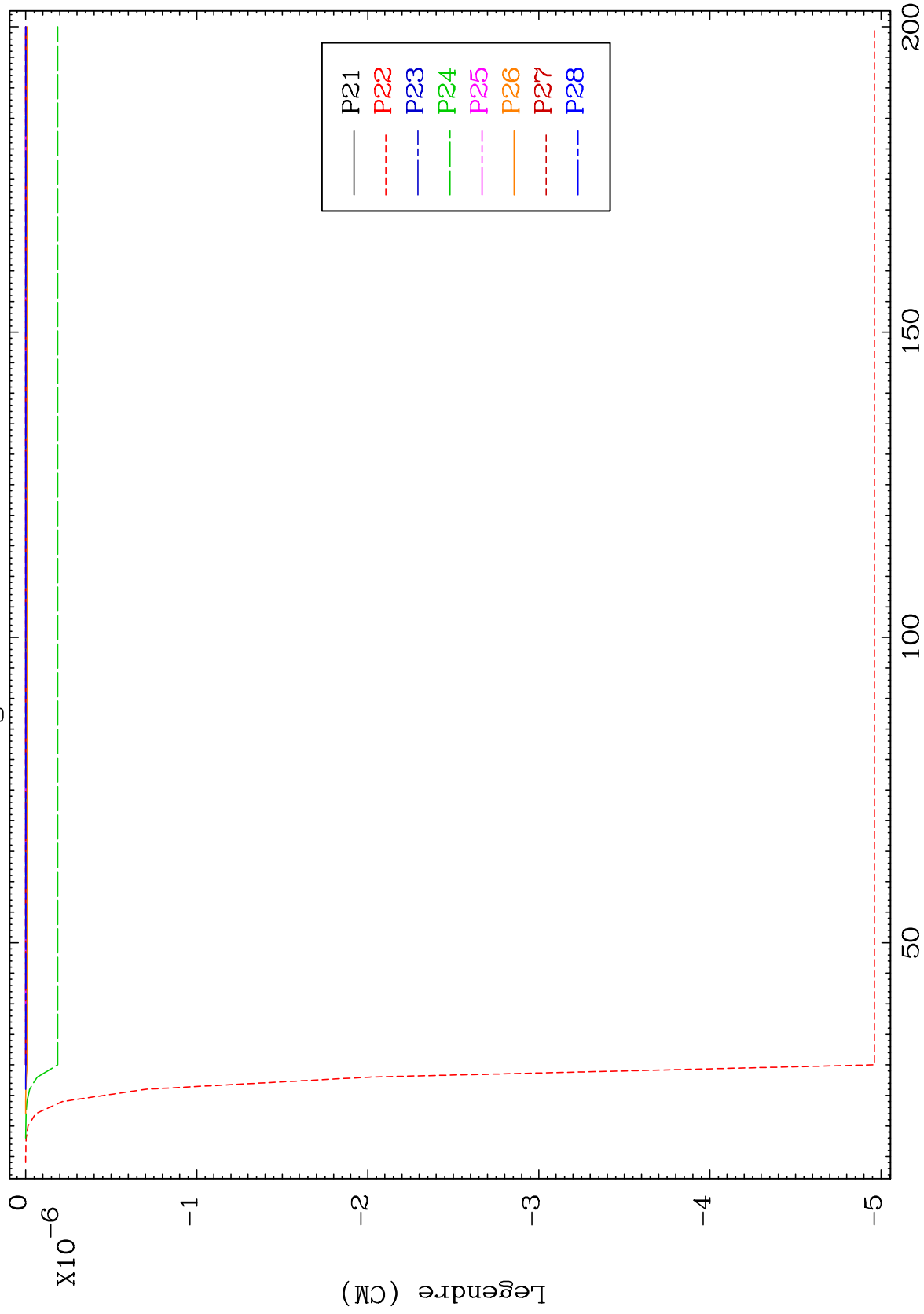
77-Ir-194

Incident Energy (MeV)

MAT 7734

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

77-Ir-194



61

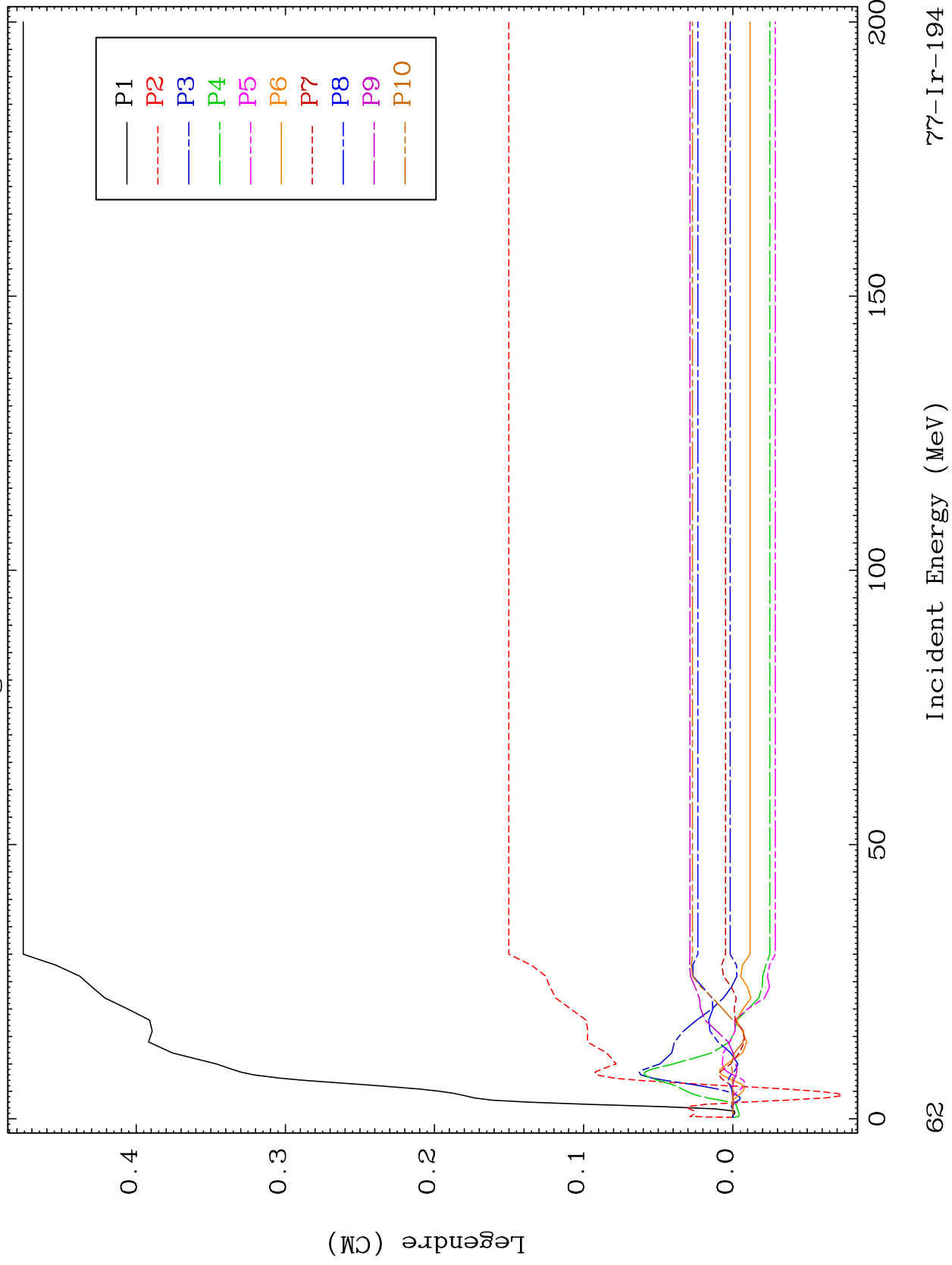
Incident Energy (MeV)

77-Ir-194

MAT 7734

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

77-Ir-194



77-Ir-194

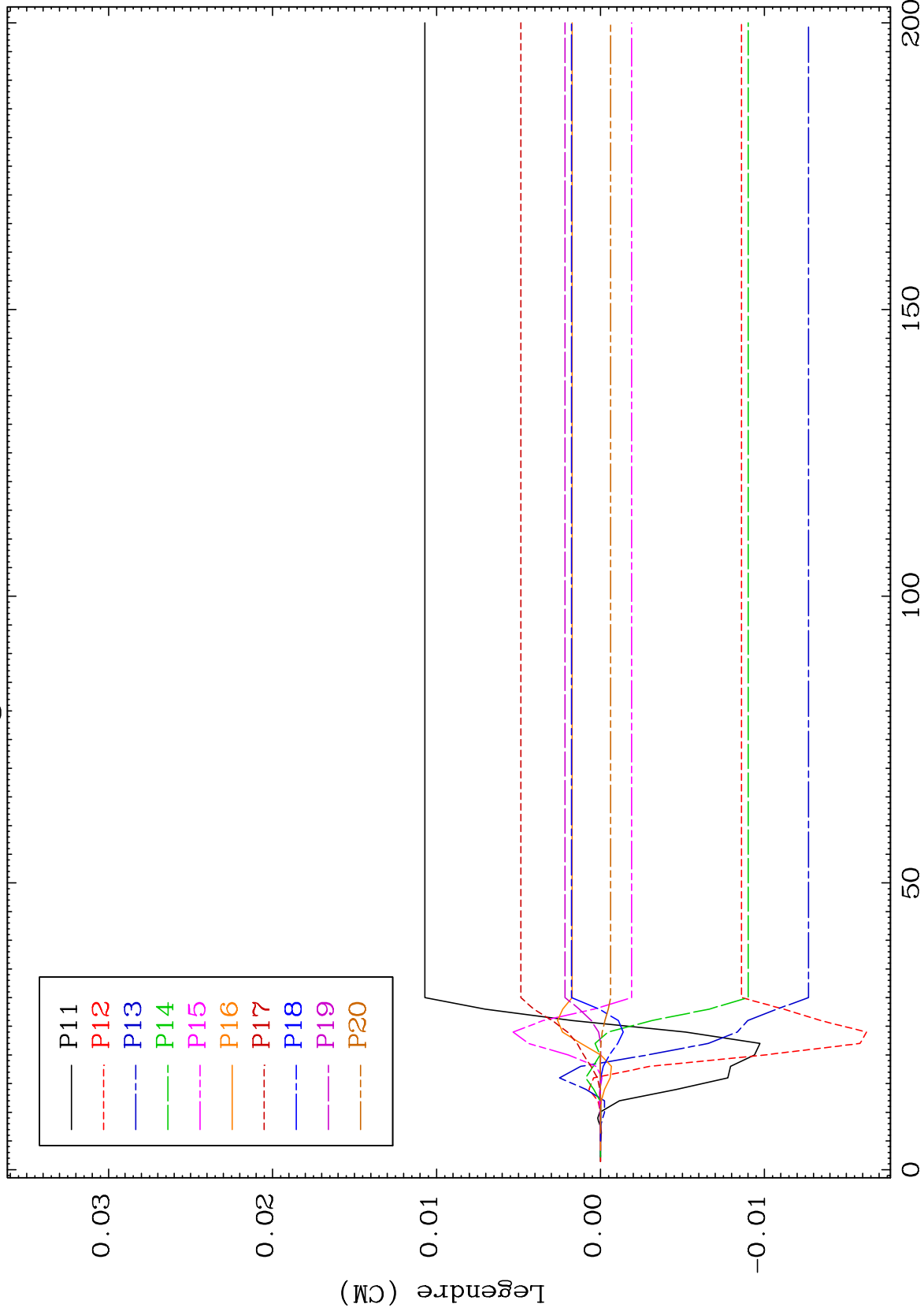
Incident Energy (MeV)

62

MAT 7734

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

77-Ir-194



63

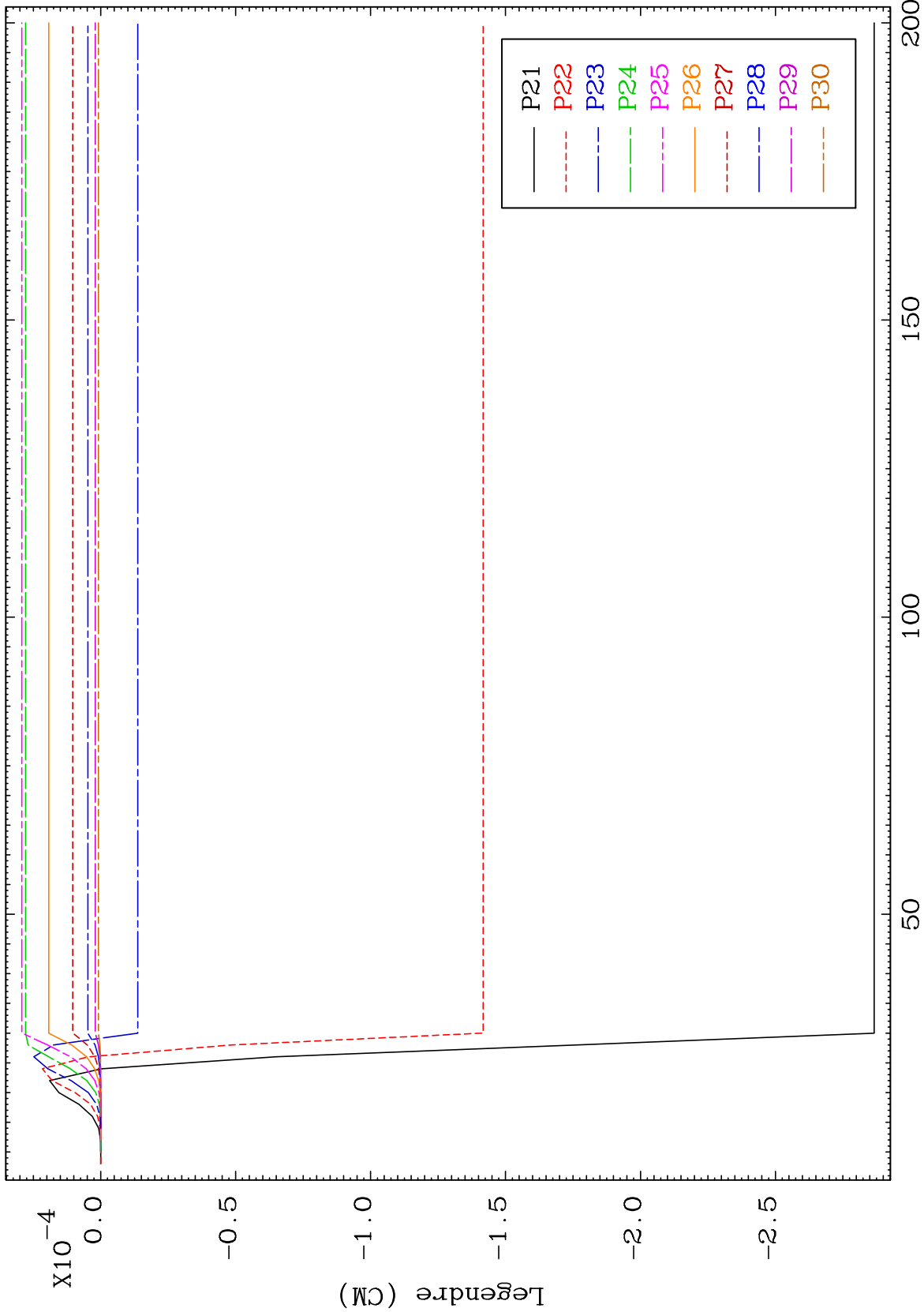
Incident Energy (MeV)

77-Ir-194

MAT 7734

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

77-Ir-194



64

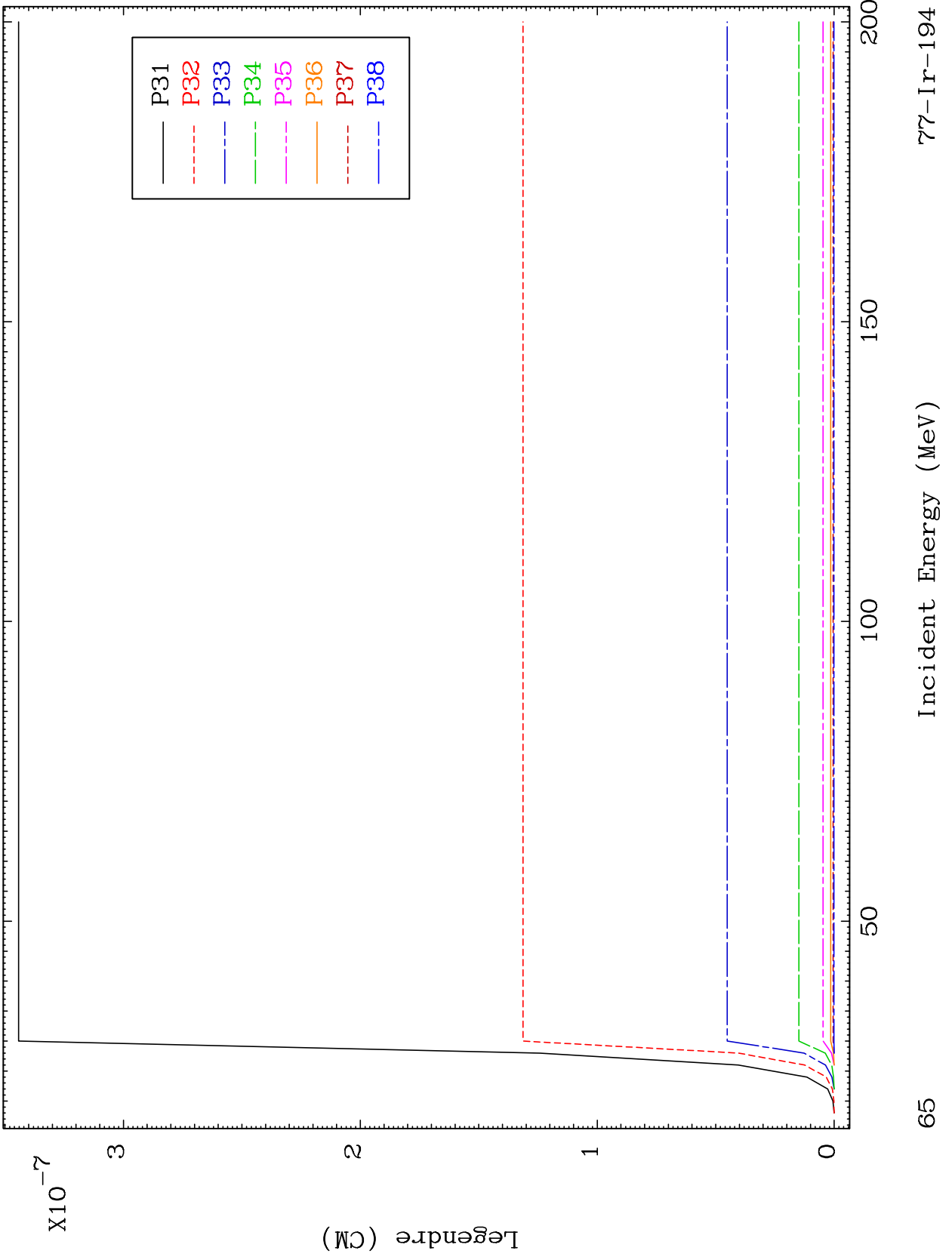
Incident Energy (MeV)

77-Ir-194

MAT 7734

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

77-Ir-194



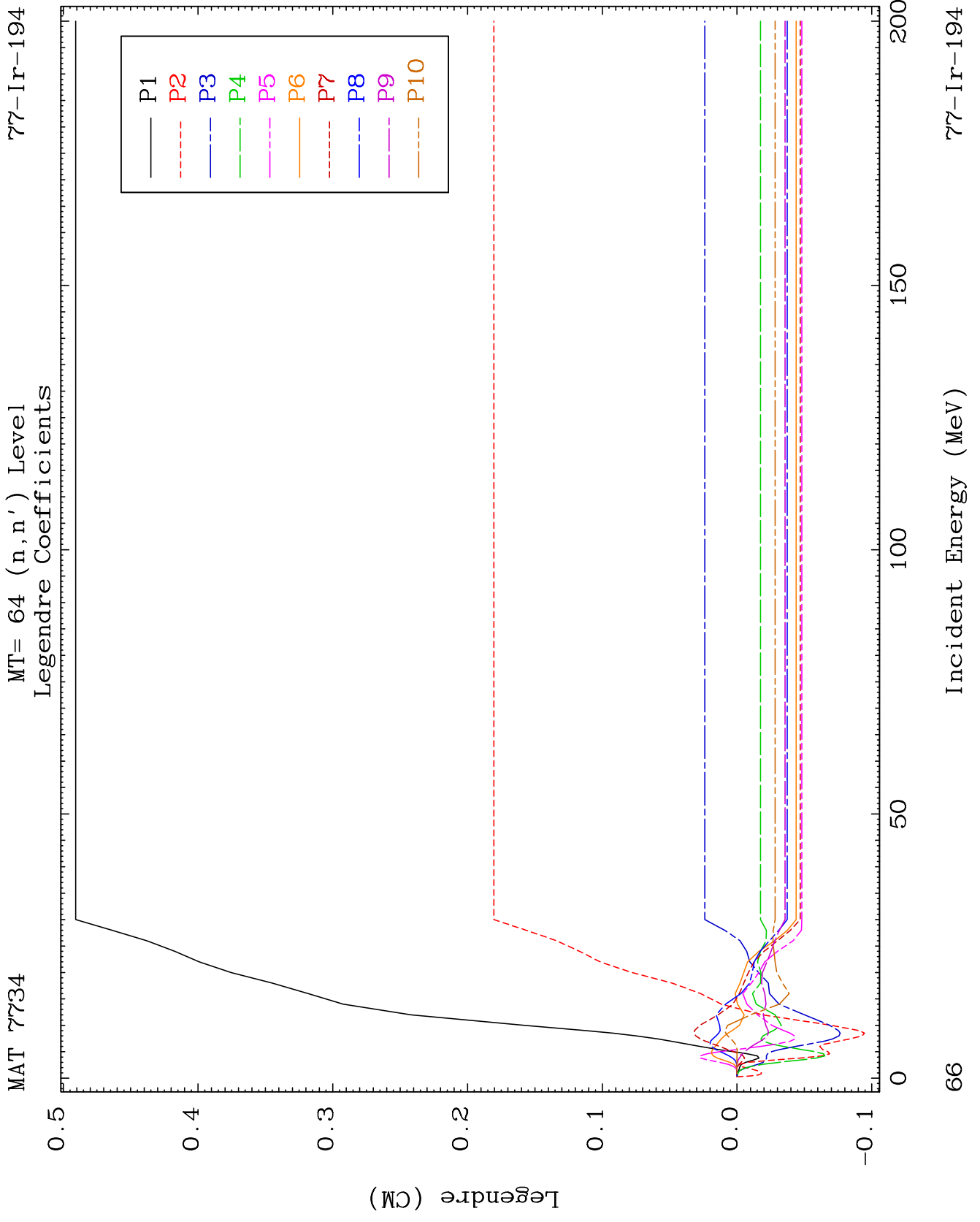
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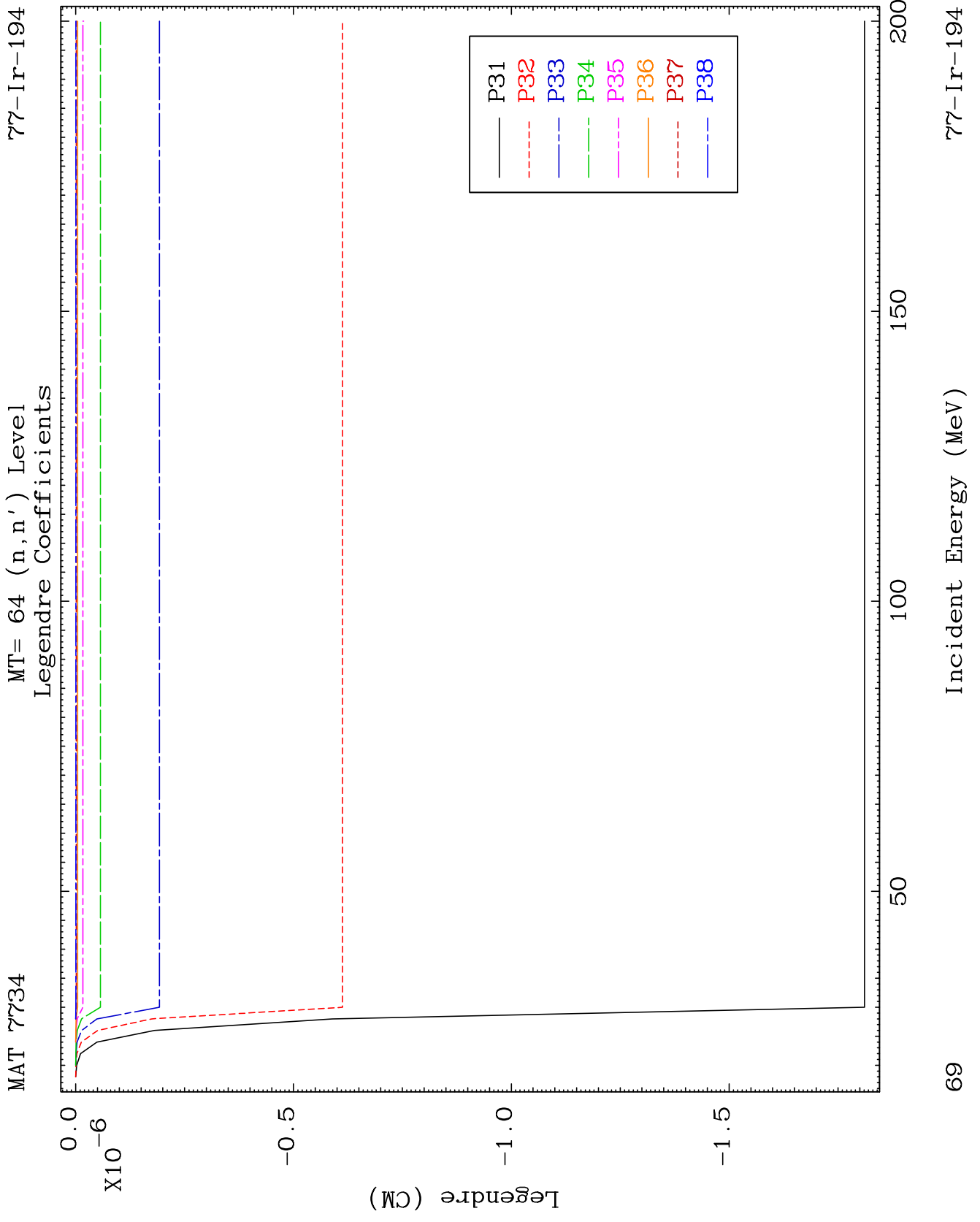
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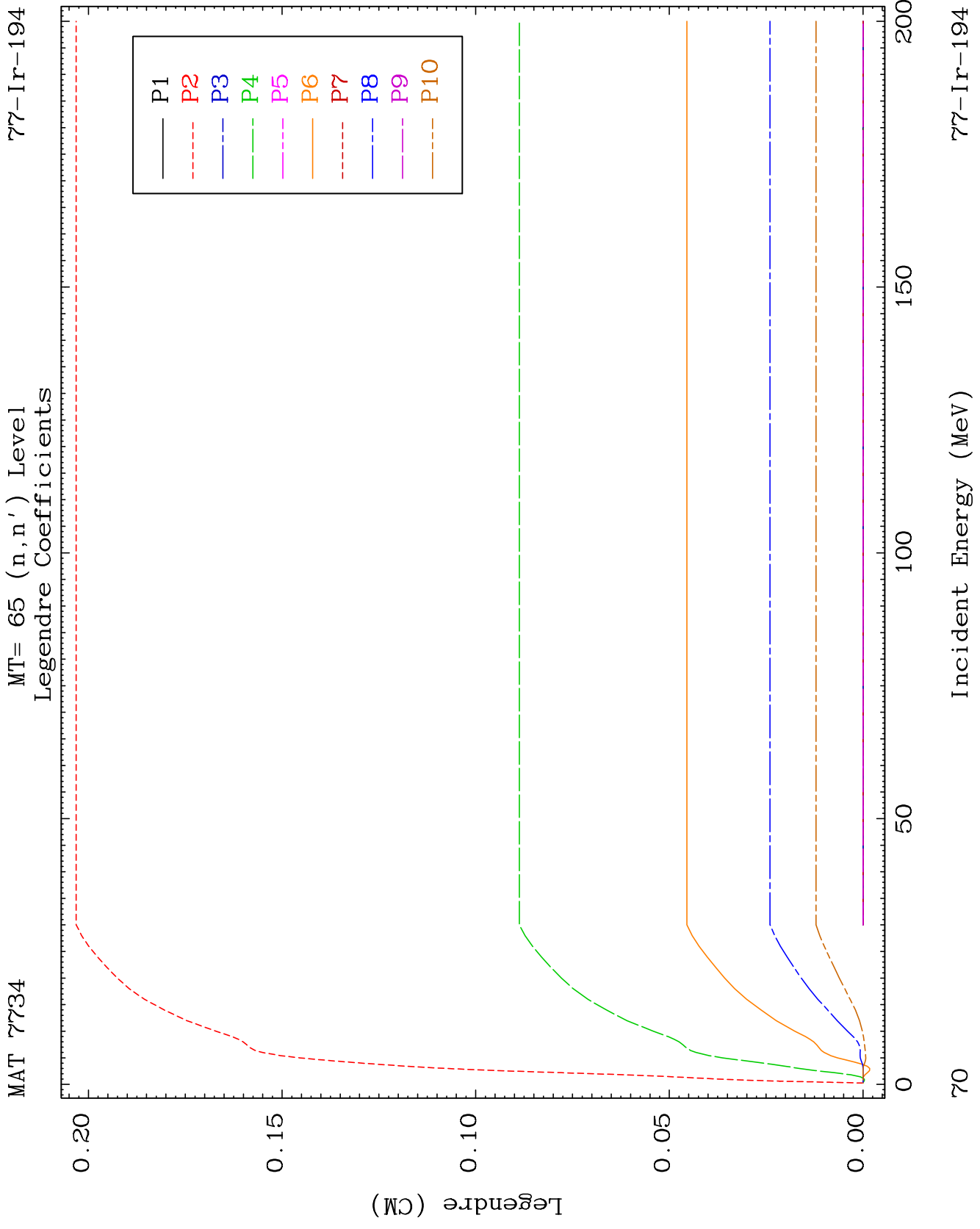
100

150

200



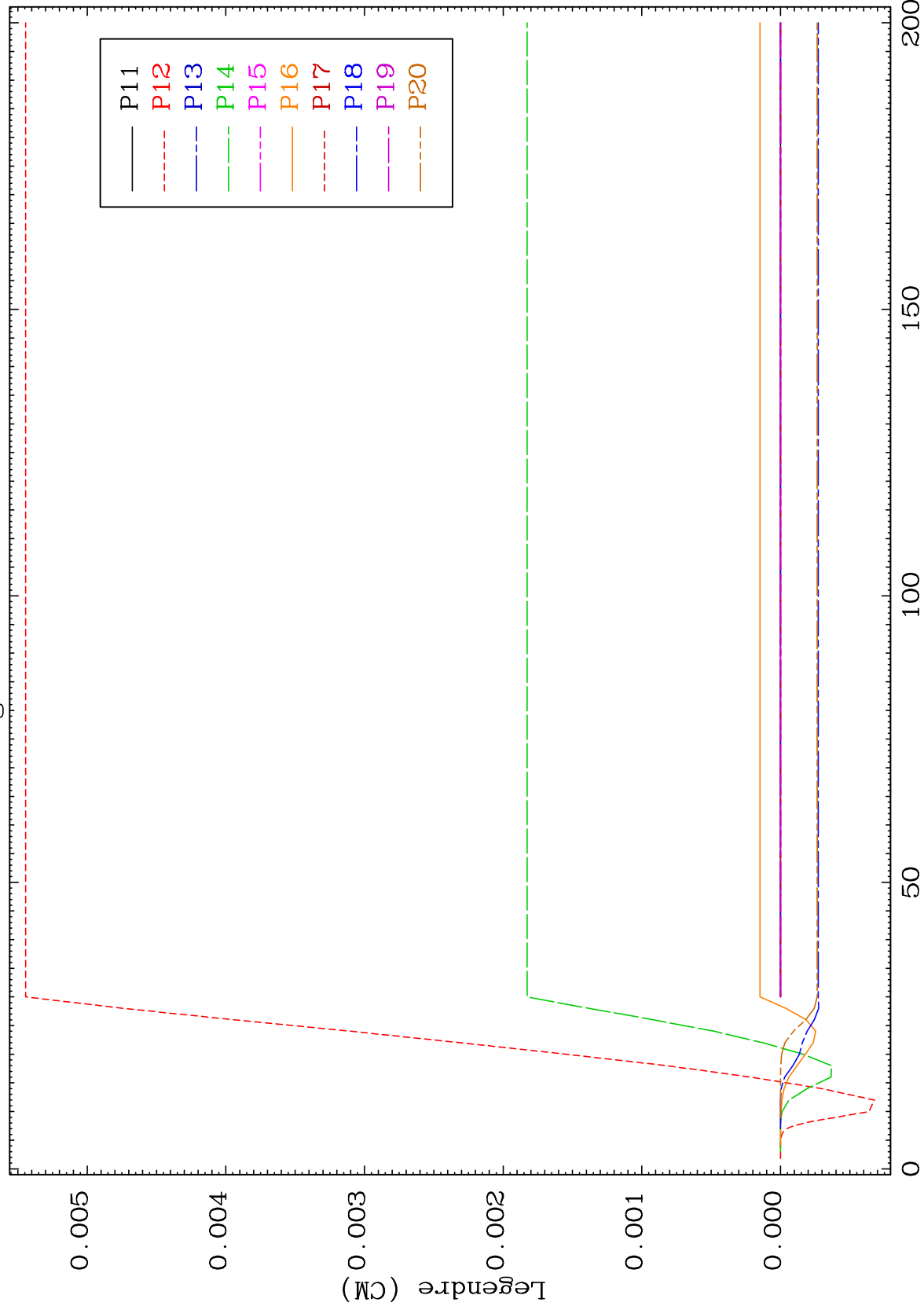




MAT 7734

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

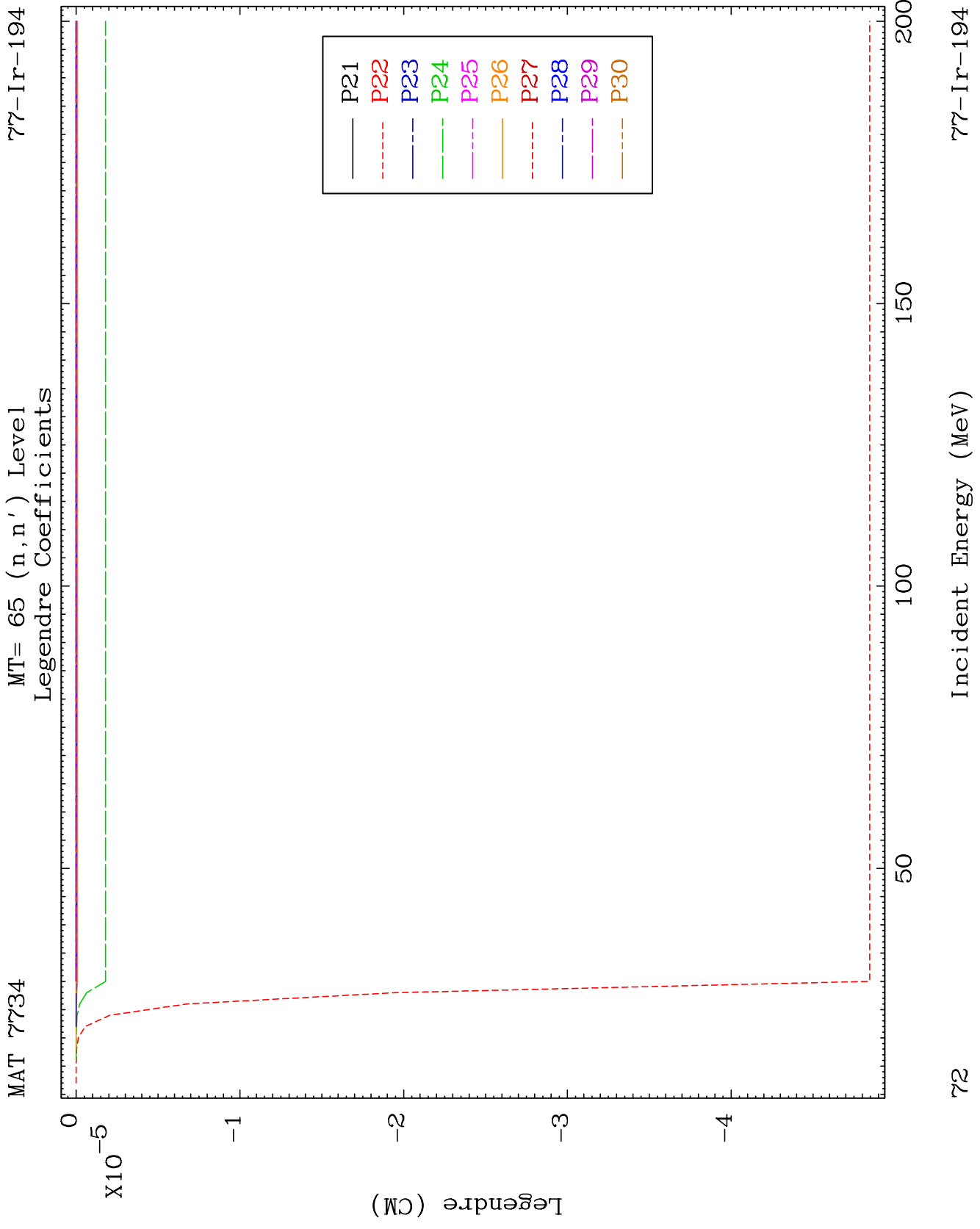
77-Ir-194



71

Incident Energy (MeV)

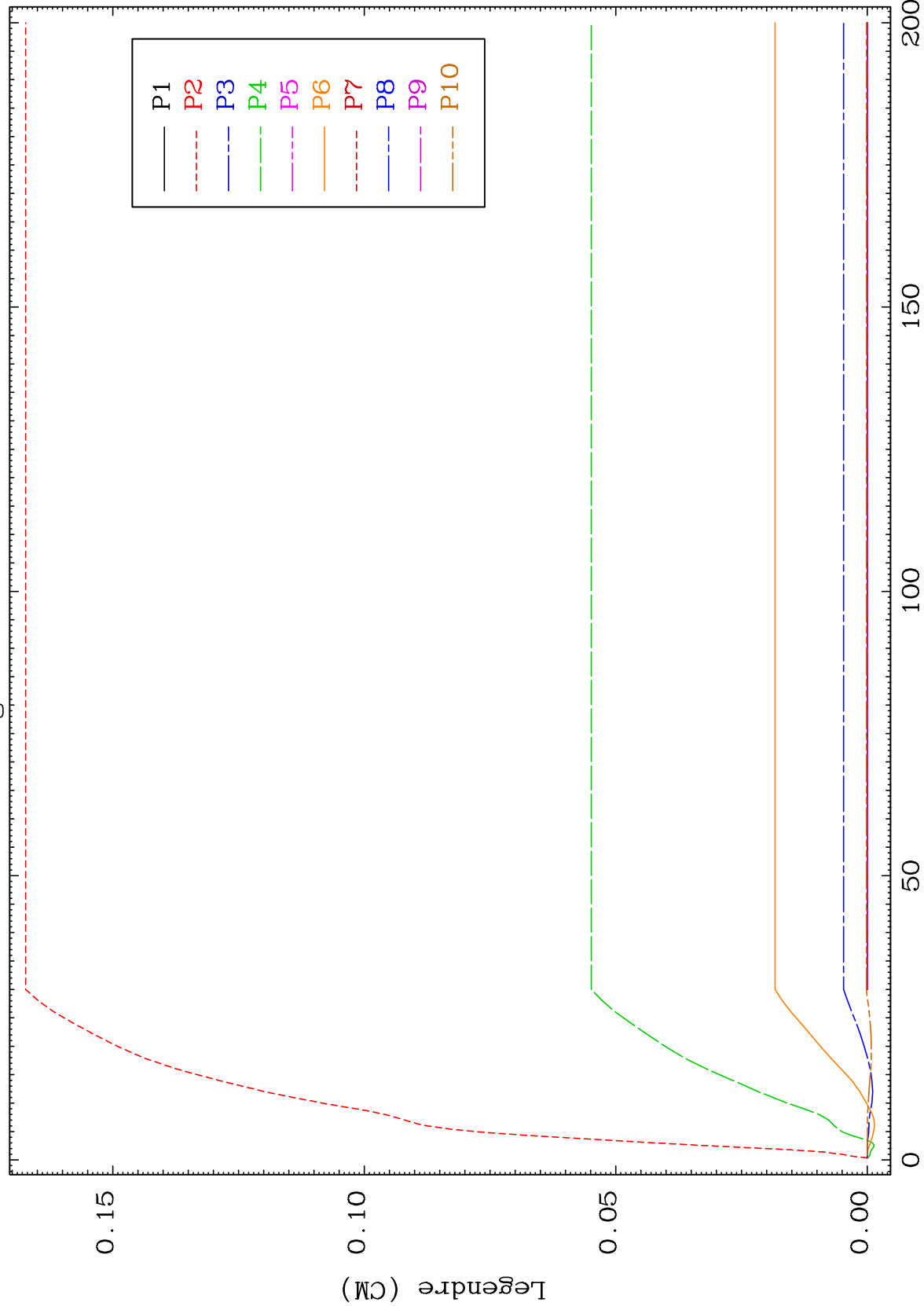
77-Ir-194



MAT 7734

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

77-Ir-194



73

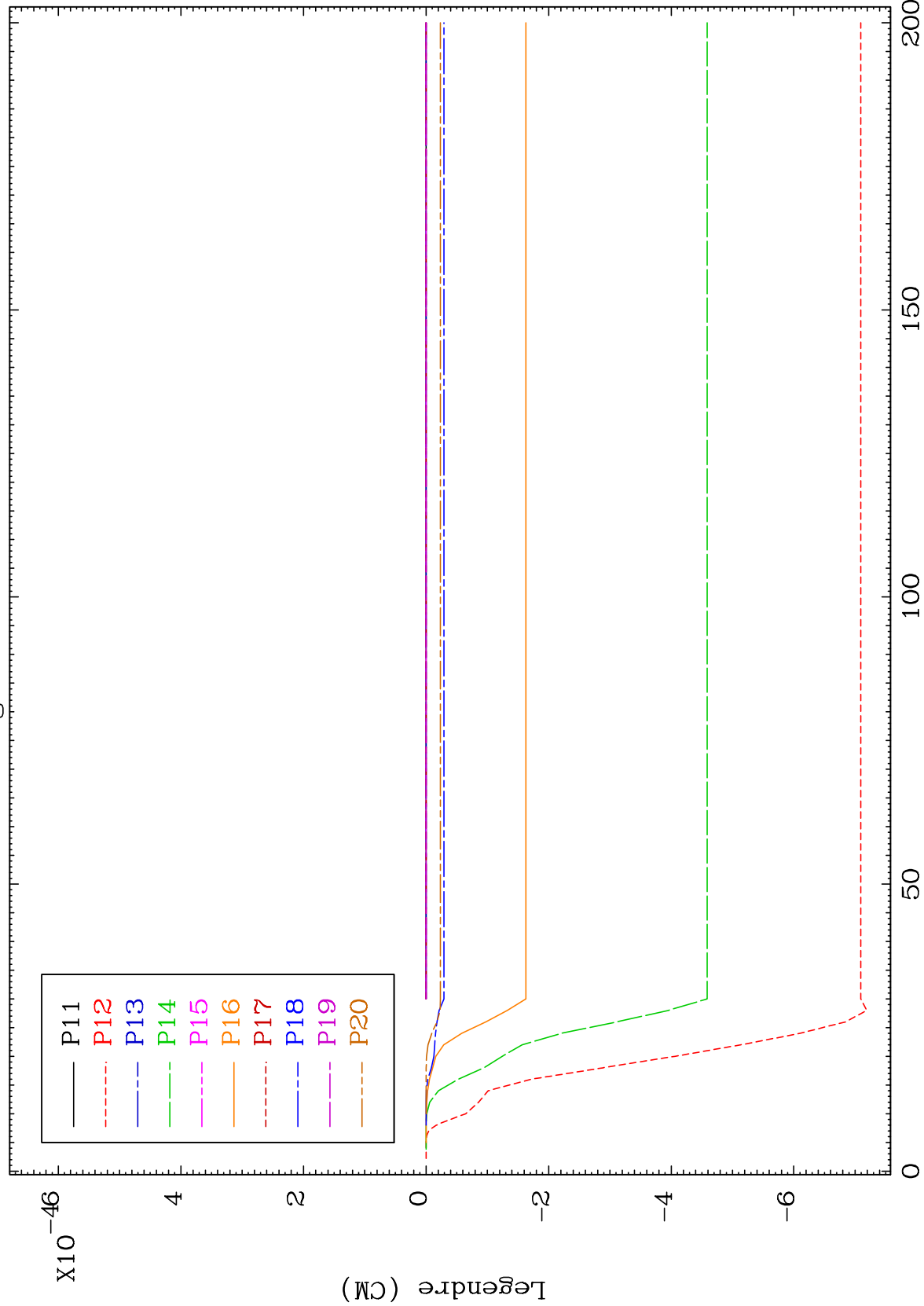
Incident Energy (MeV)

77-Ir-194

MAT 7734

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

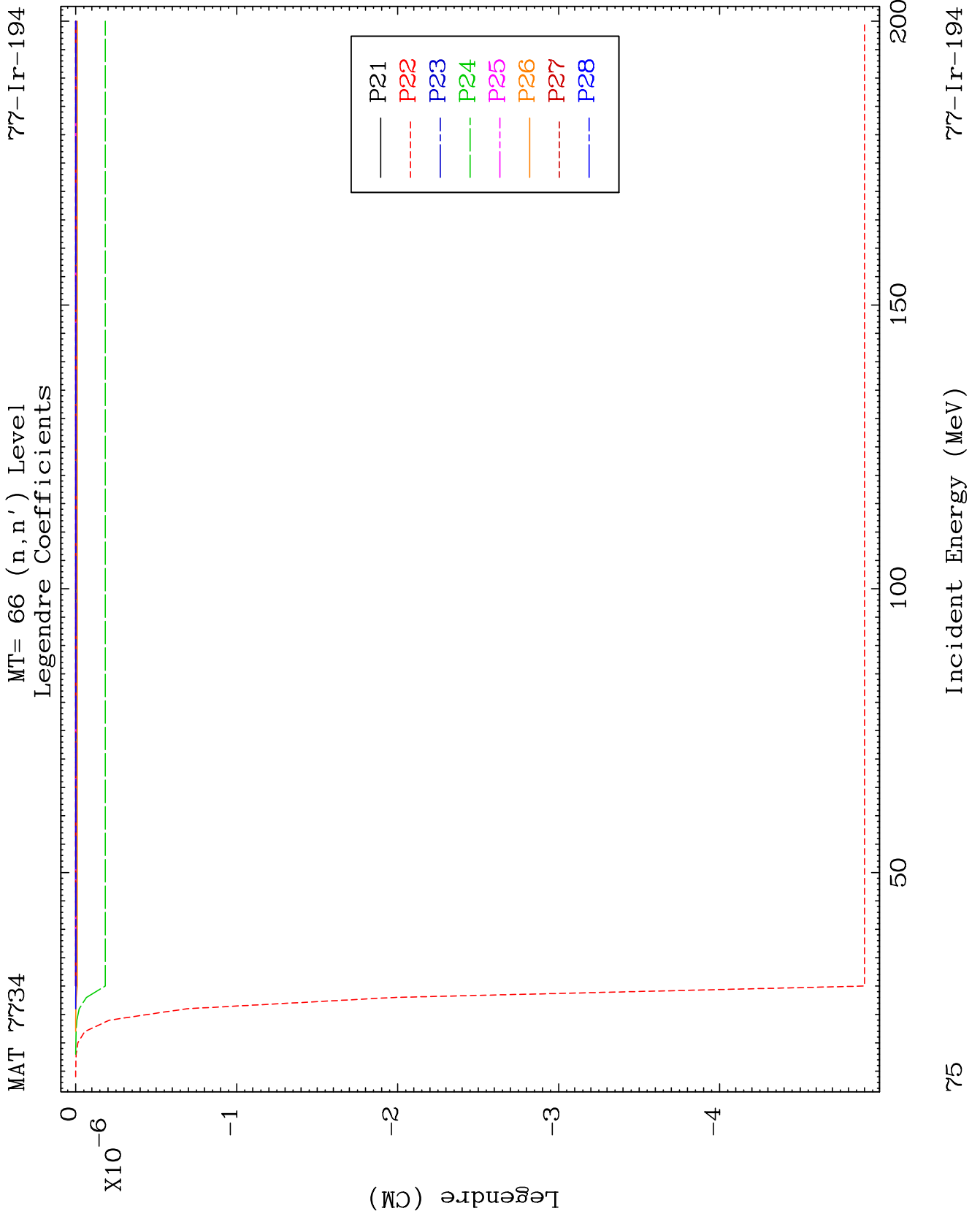
77-Ir-194

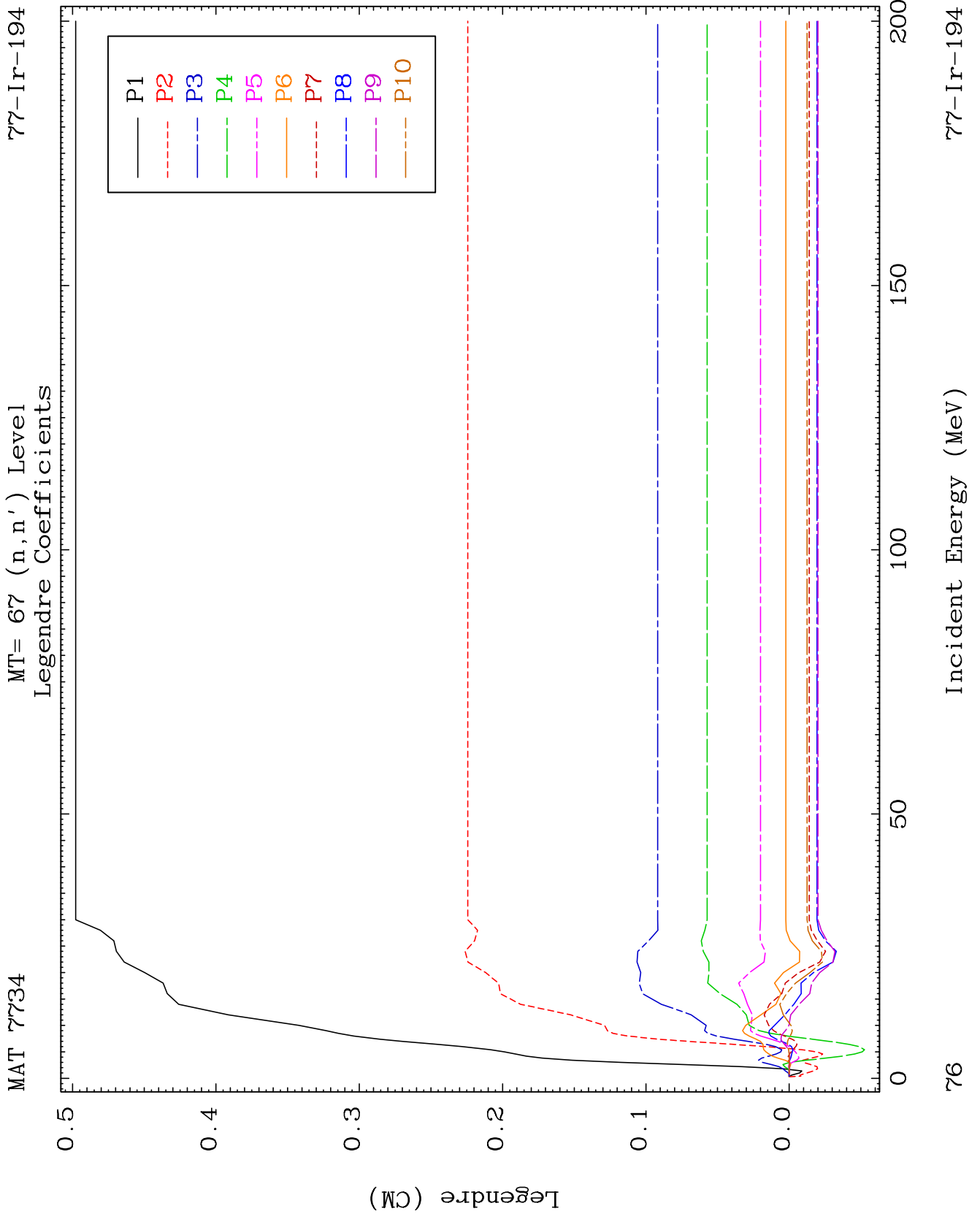


74

77-Ir-194

77-Ir-194

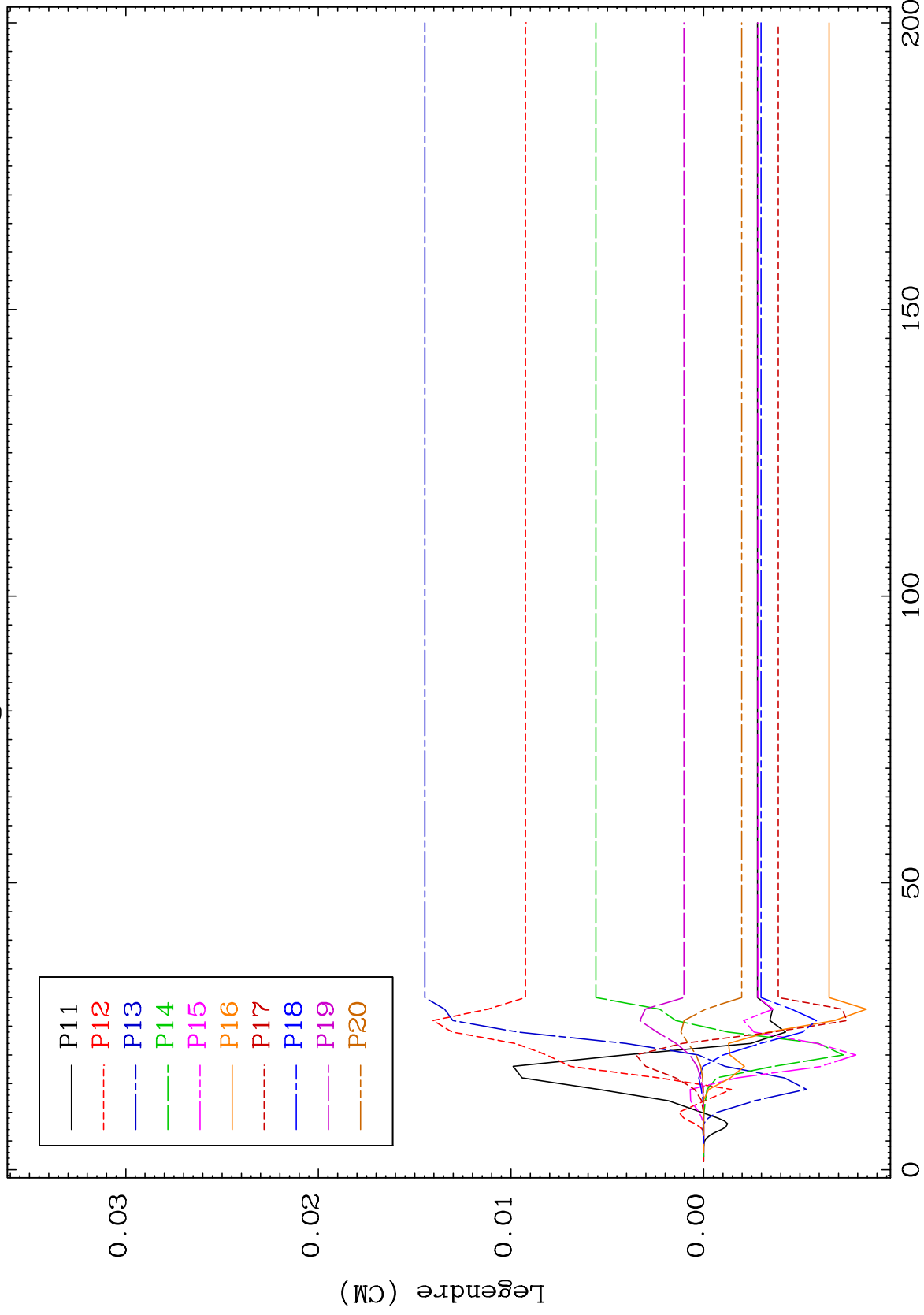




MAT 7734

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

77-Ir-194



77

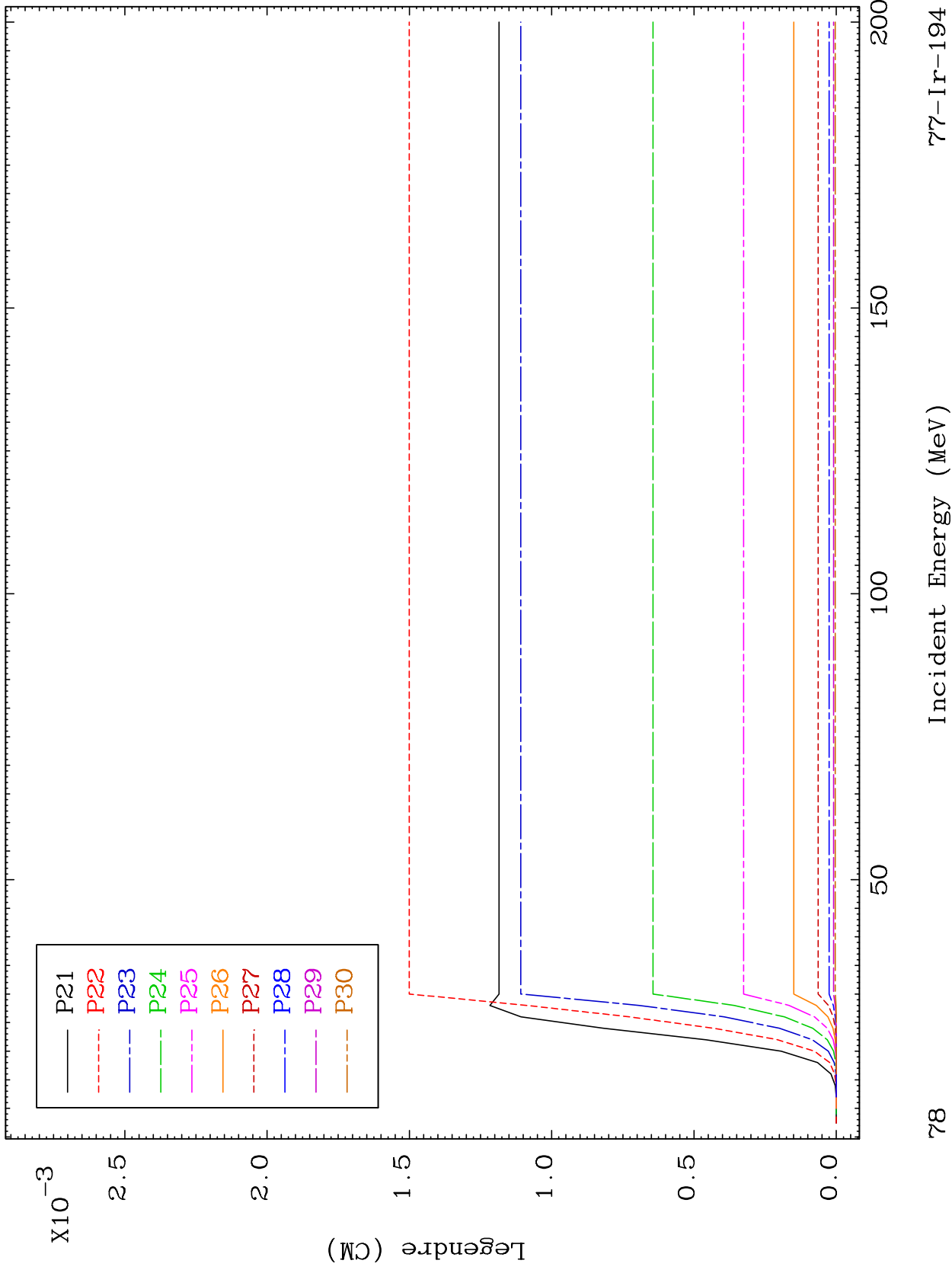
Incident Energy (MeV)

77-Ir-194

MAT 7734

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

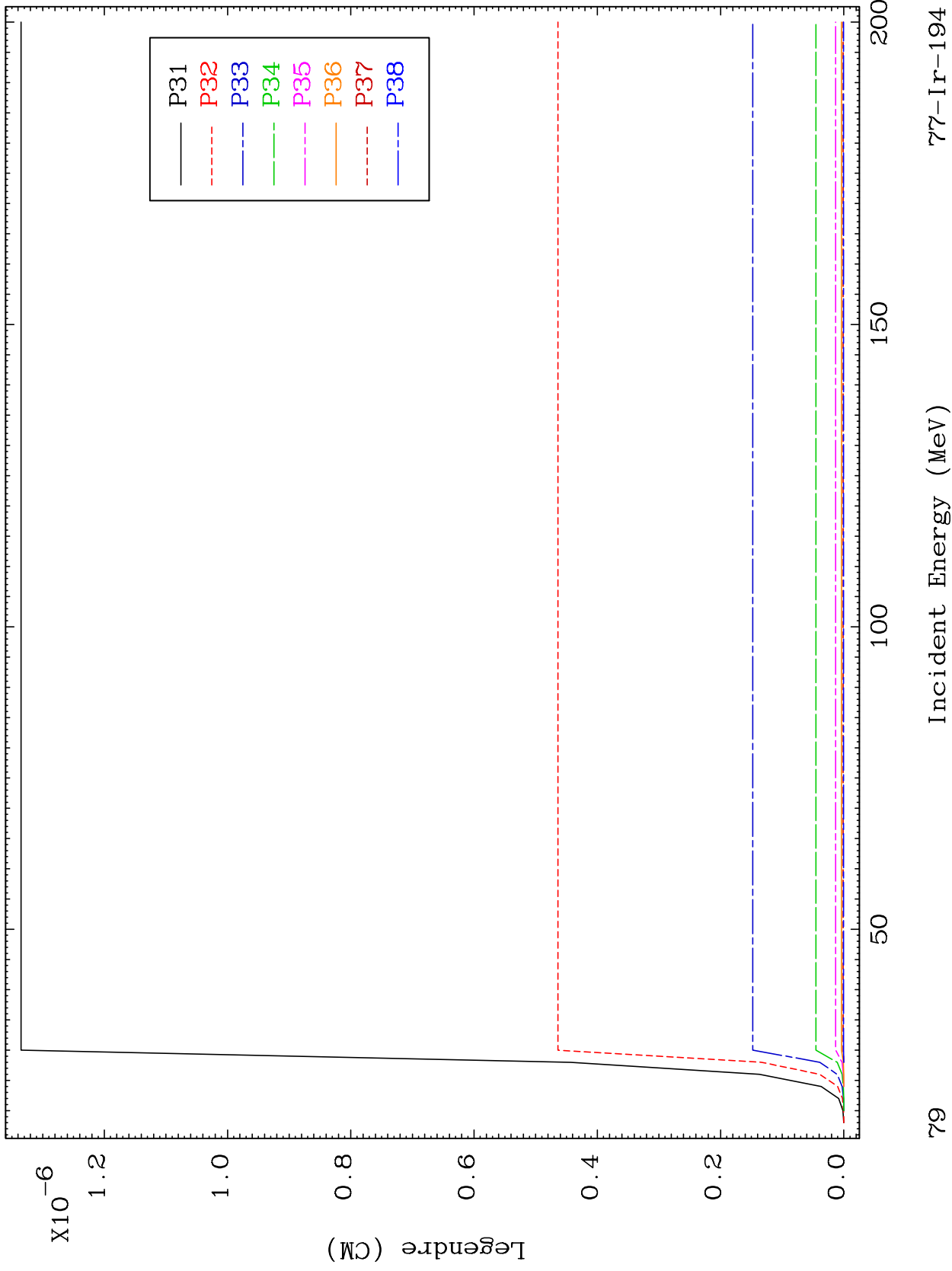
77-Ir-194



MAT 7734

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

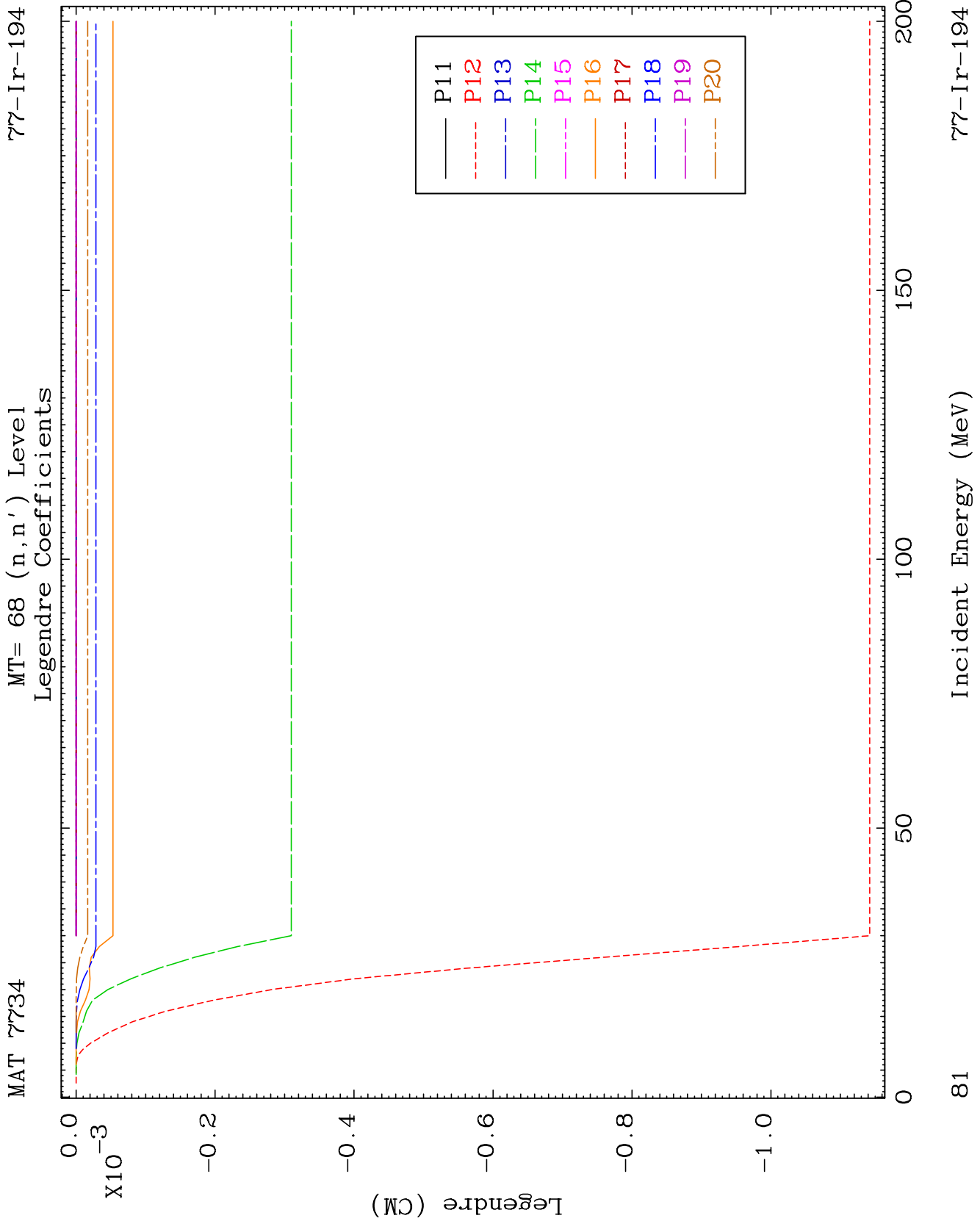
77-Ir-194

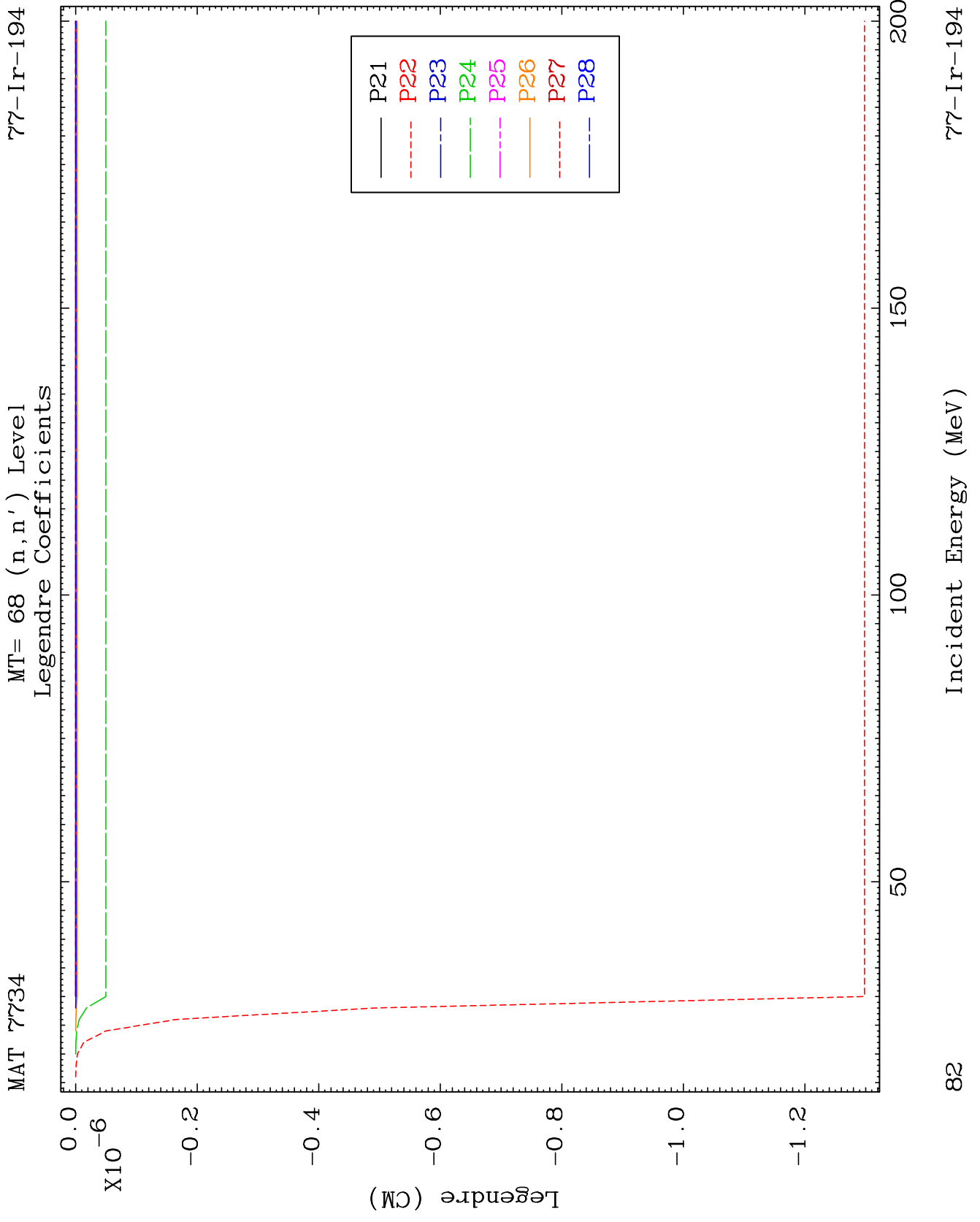


79

Incident Energy (MeV)

77-Ir-194

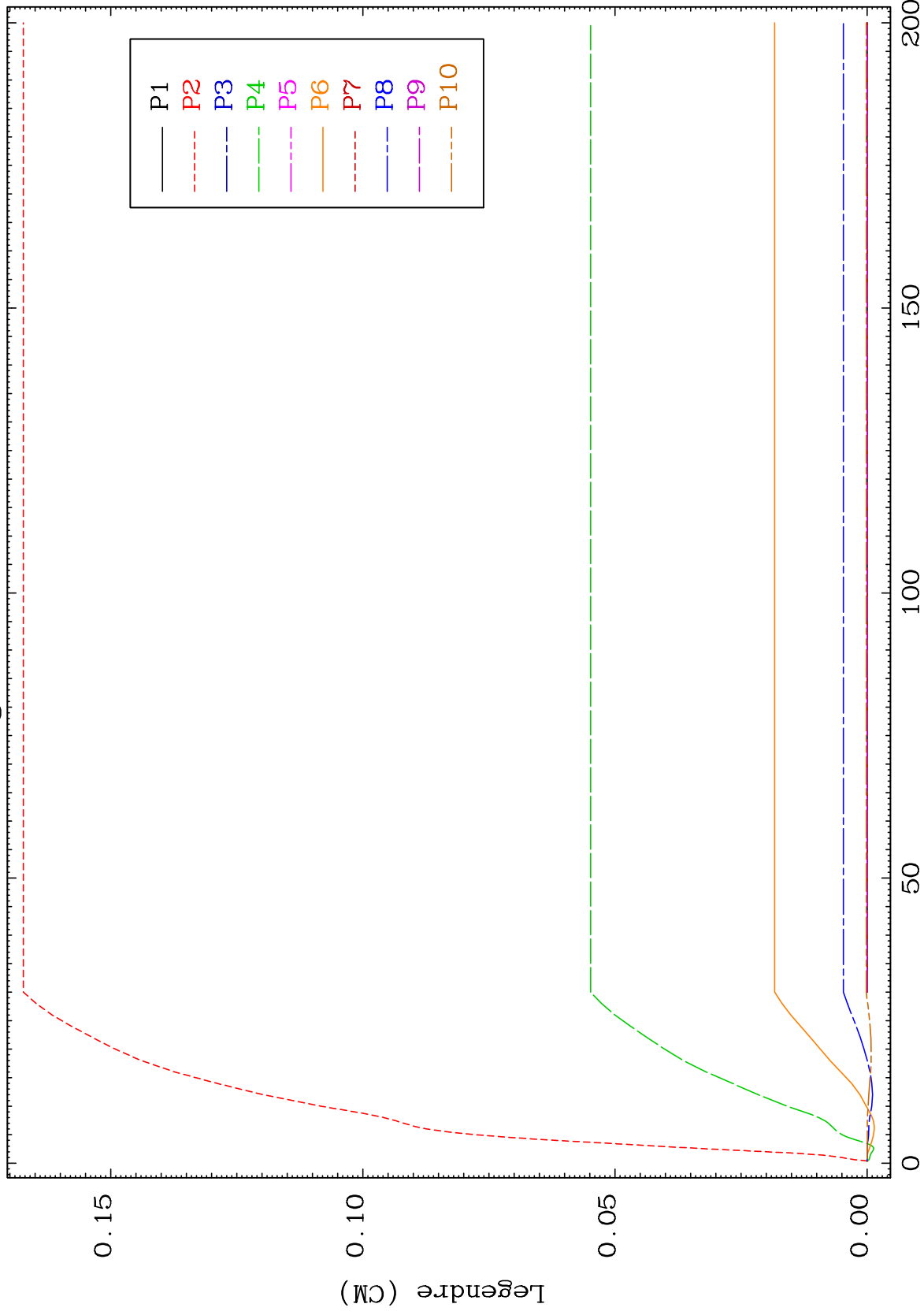




MAT 7734

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

77-Ir-194



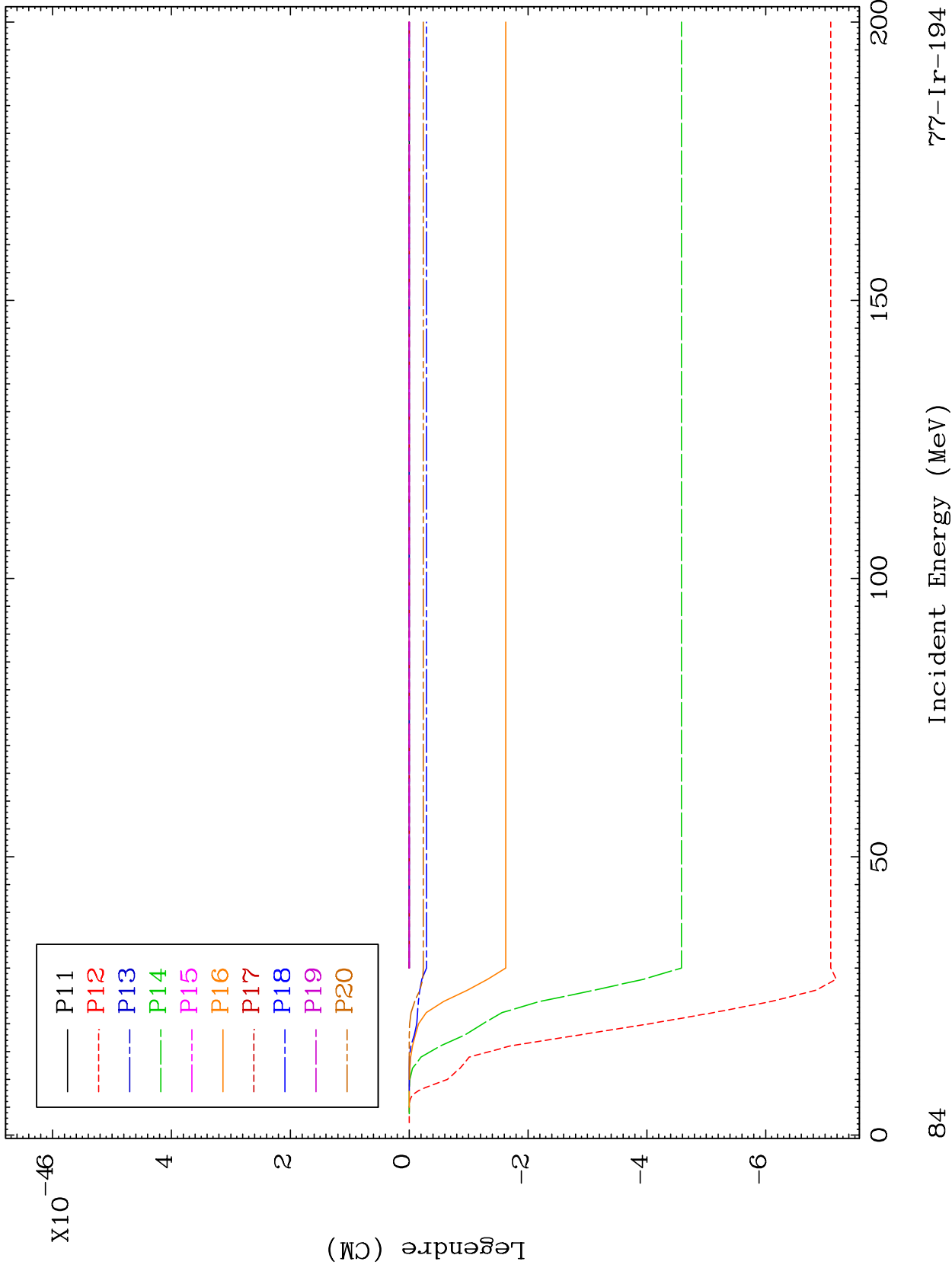
83

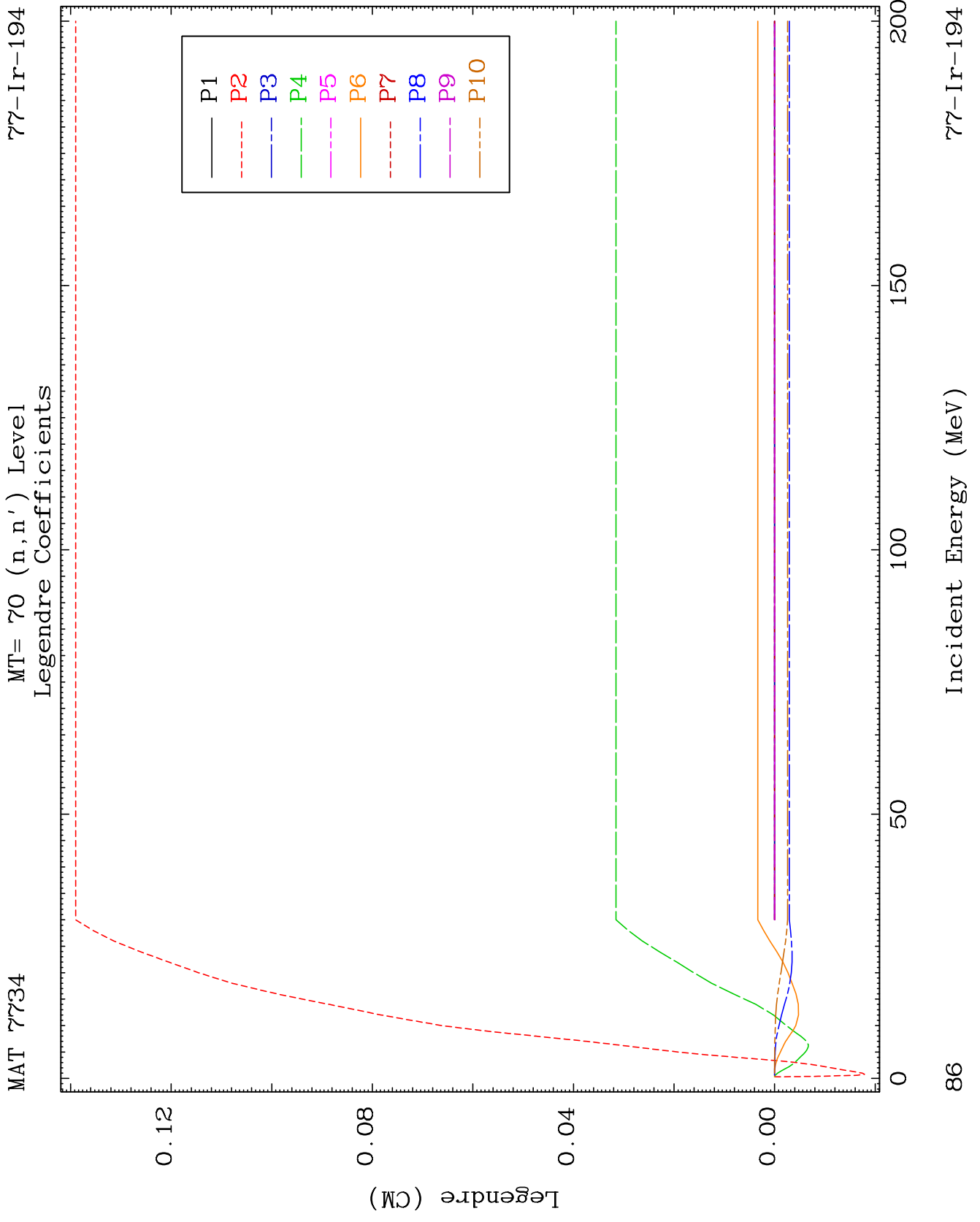
77-Ir-194

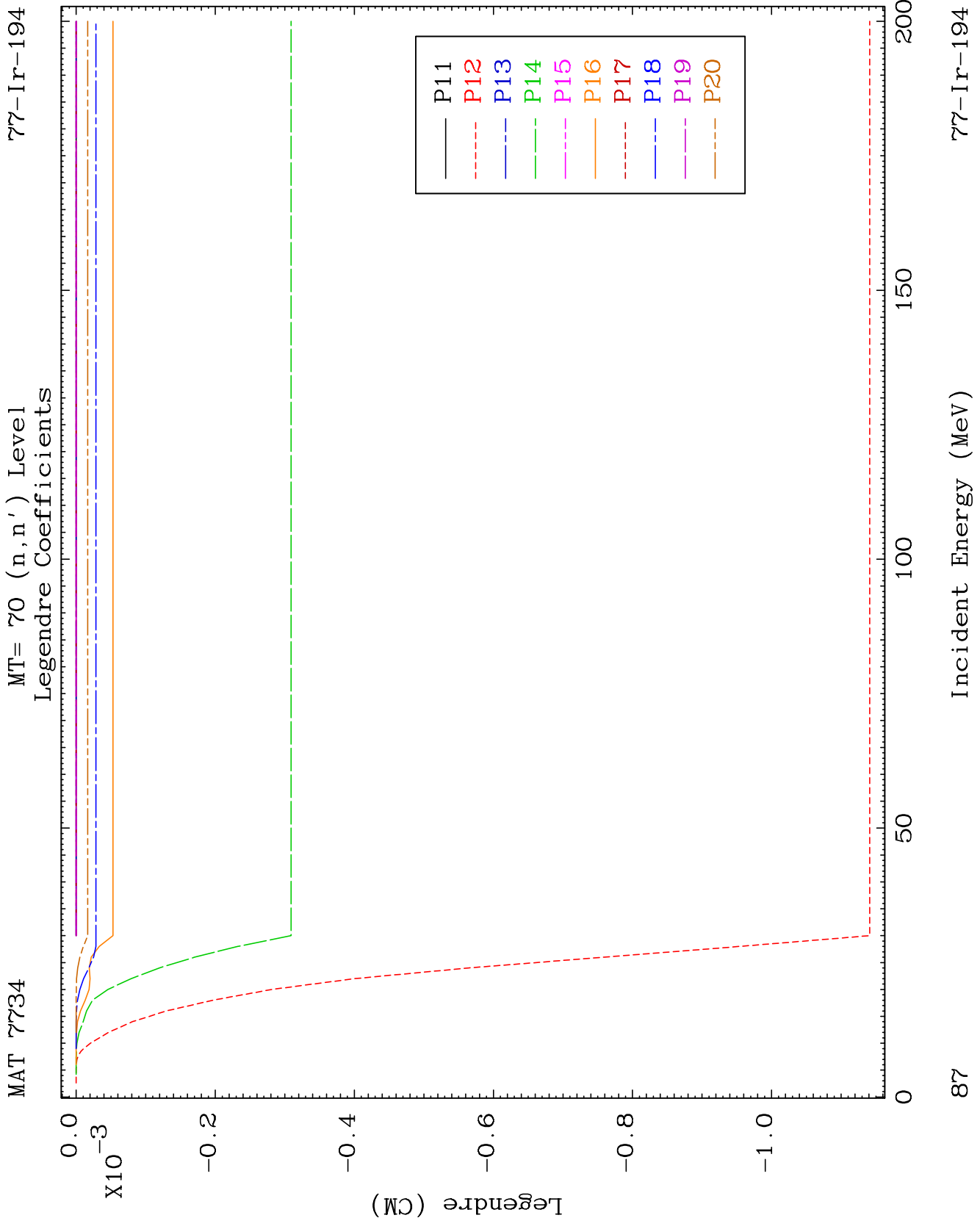
MAT 7734

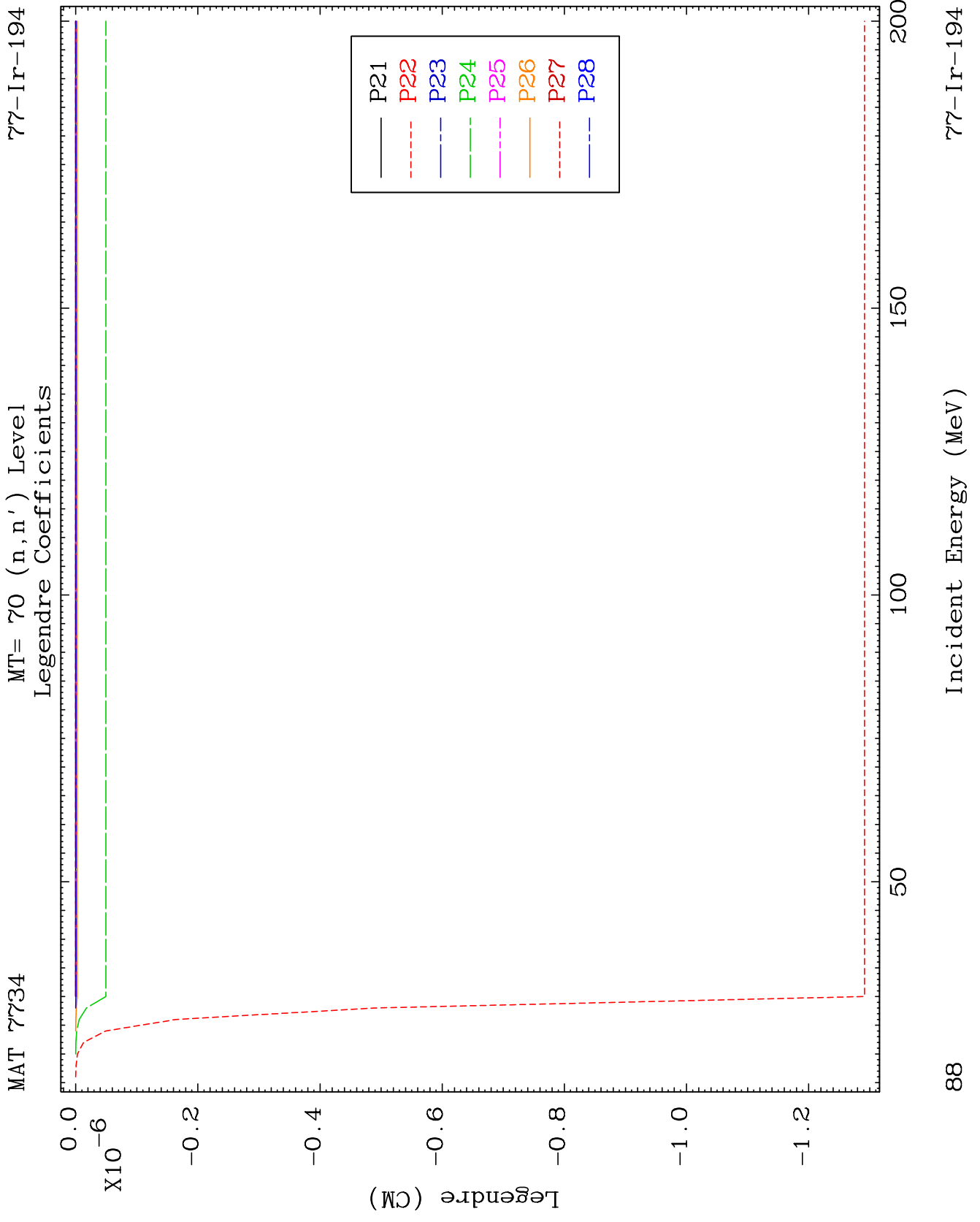
MT= 69 (n,n') Level
Legendre Coefficients

77-Ir-194





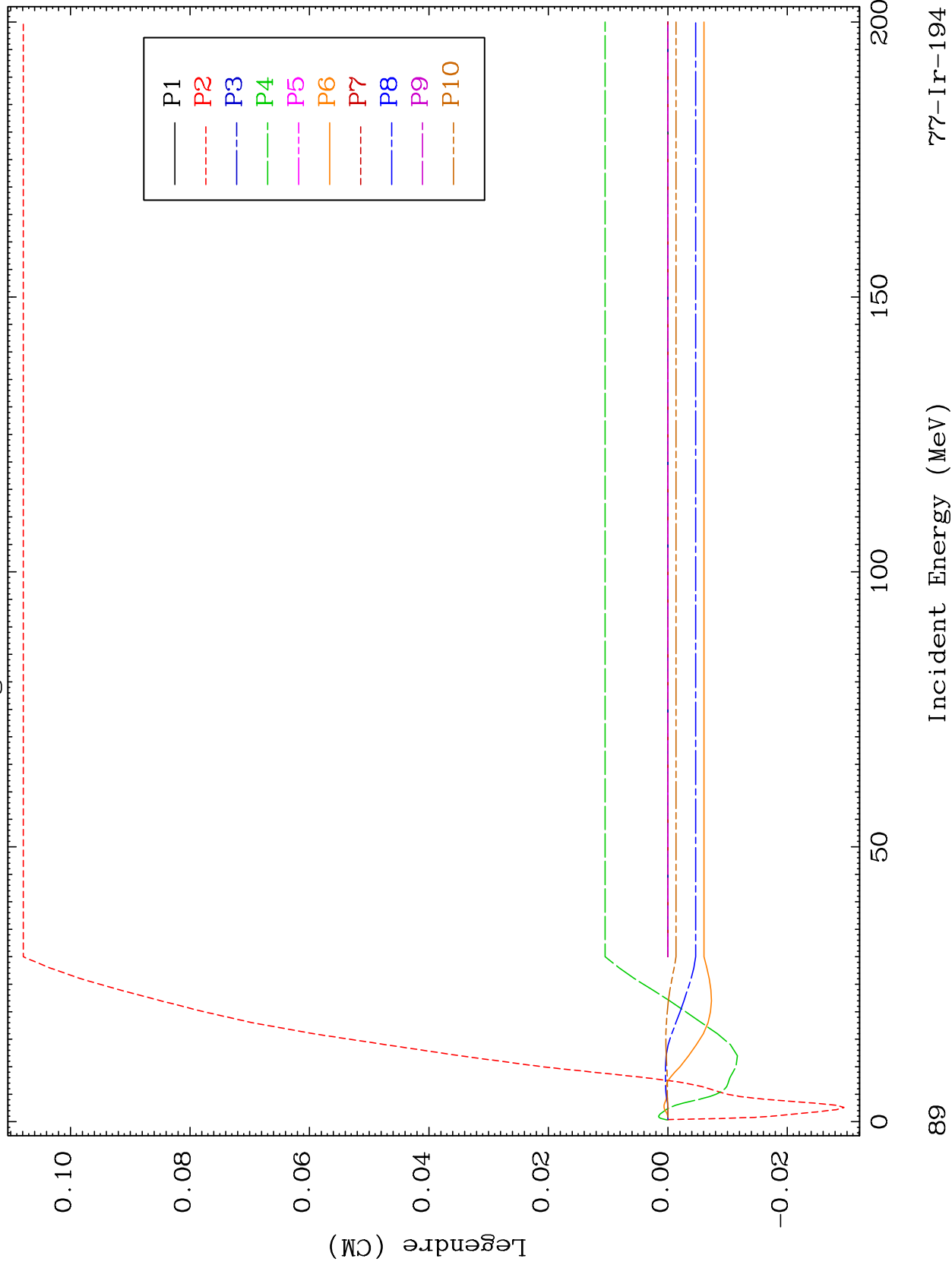




MAT 7734

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

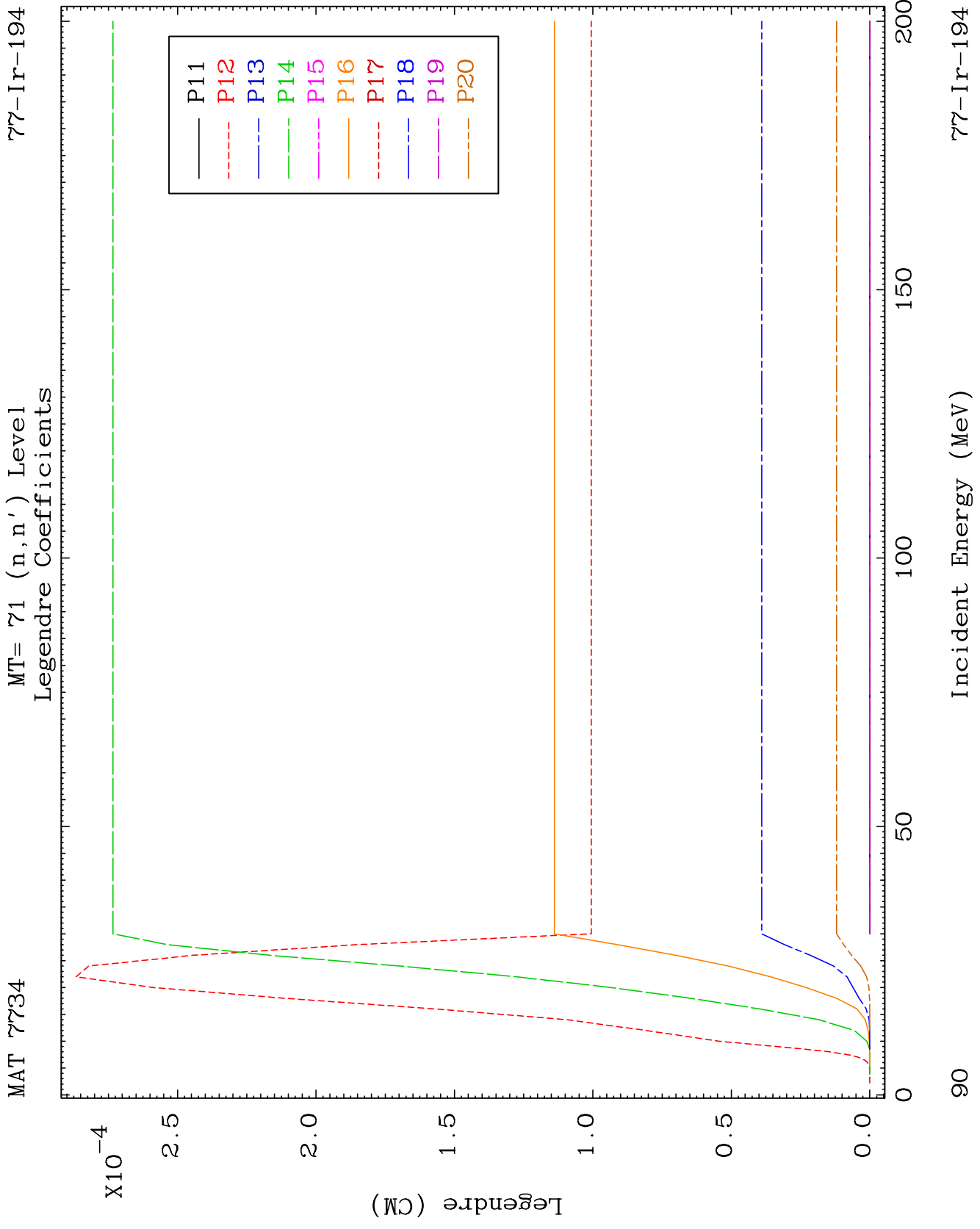
77-Ir-194

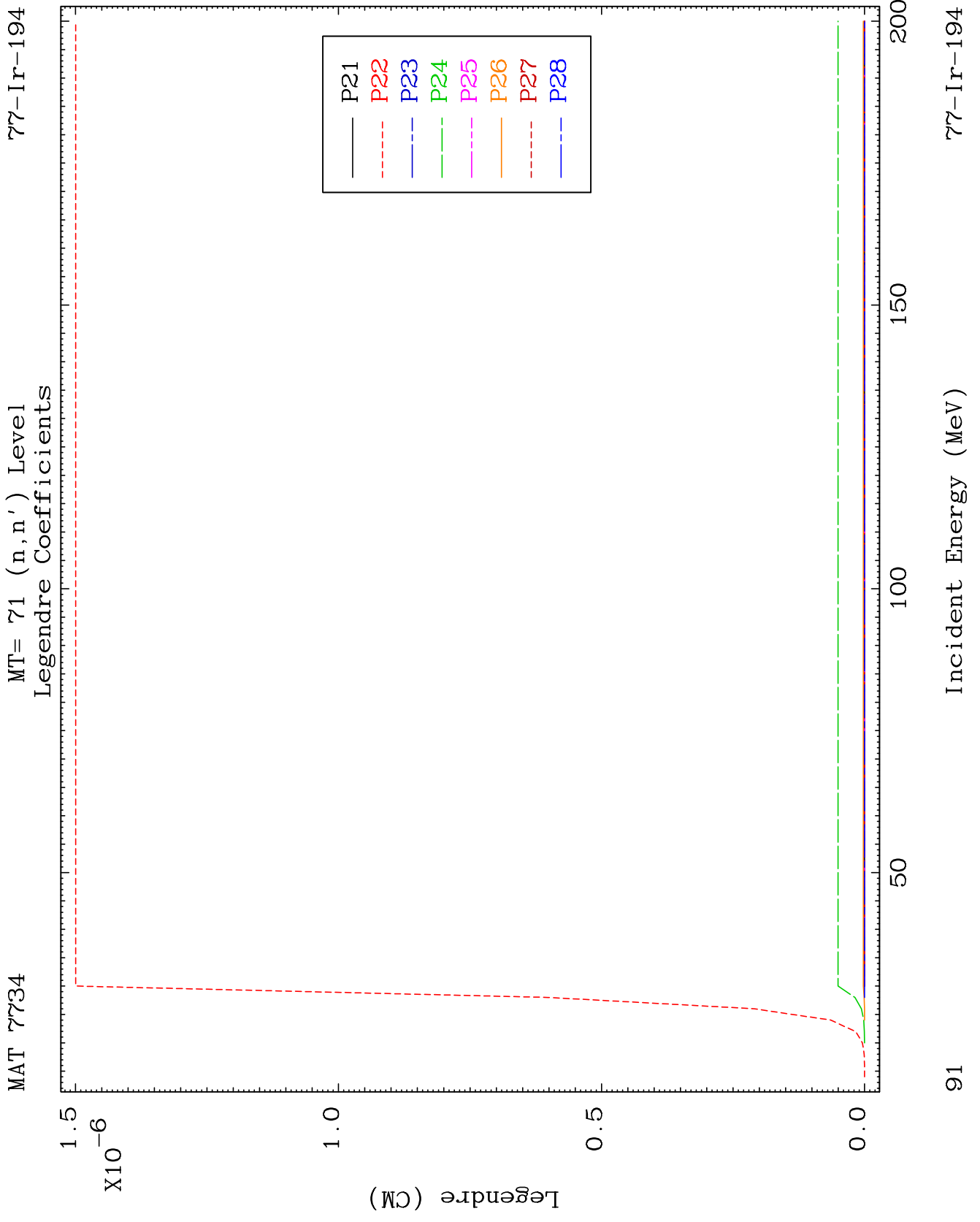


77-Ir-194

Incident Energy (MeV)

89

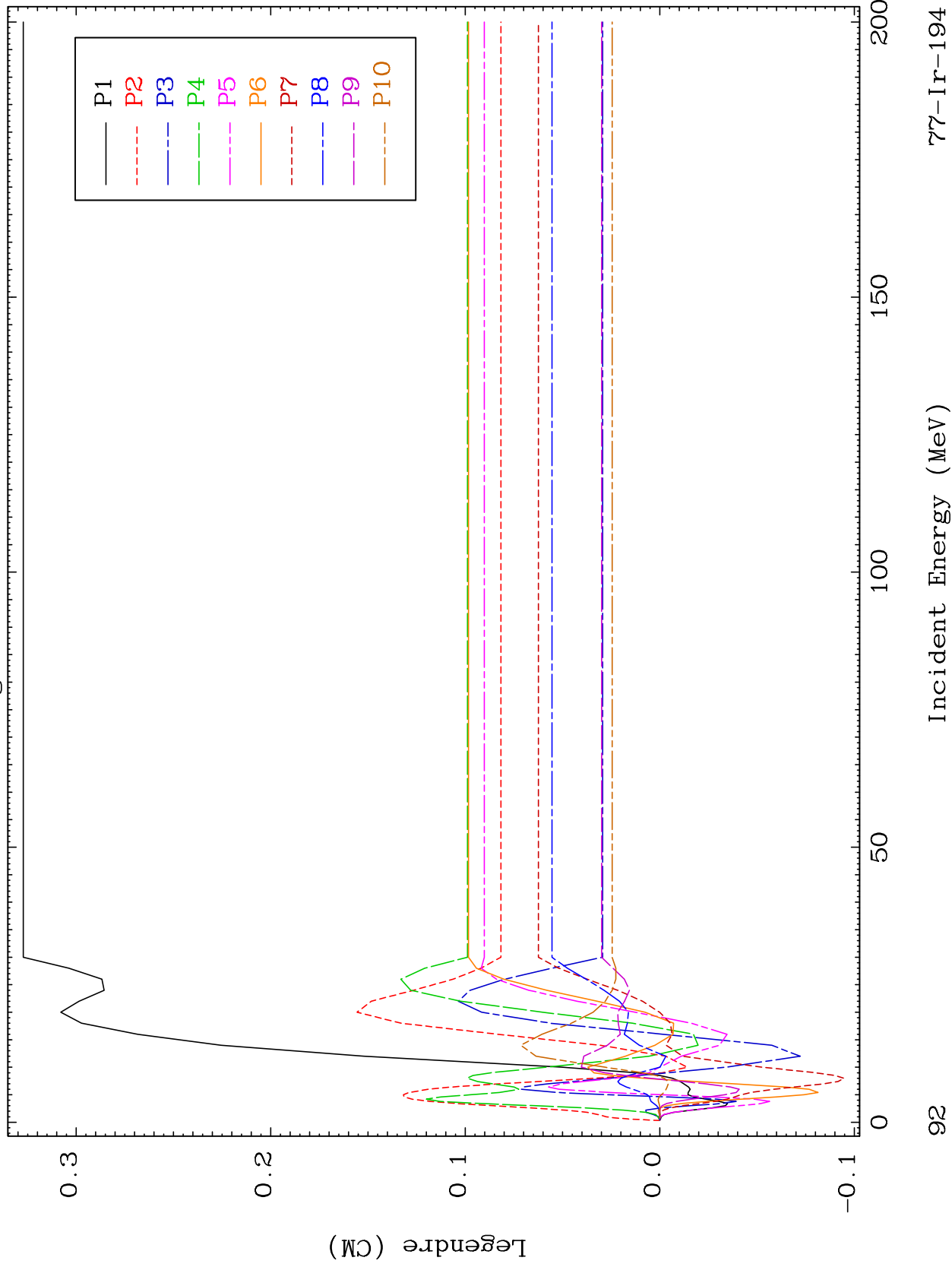




MAT 7734

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

77-Ir-194



77-Ir-194

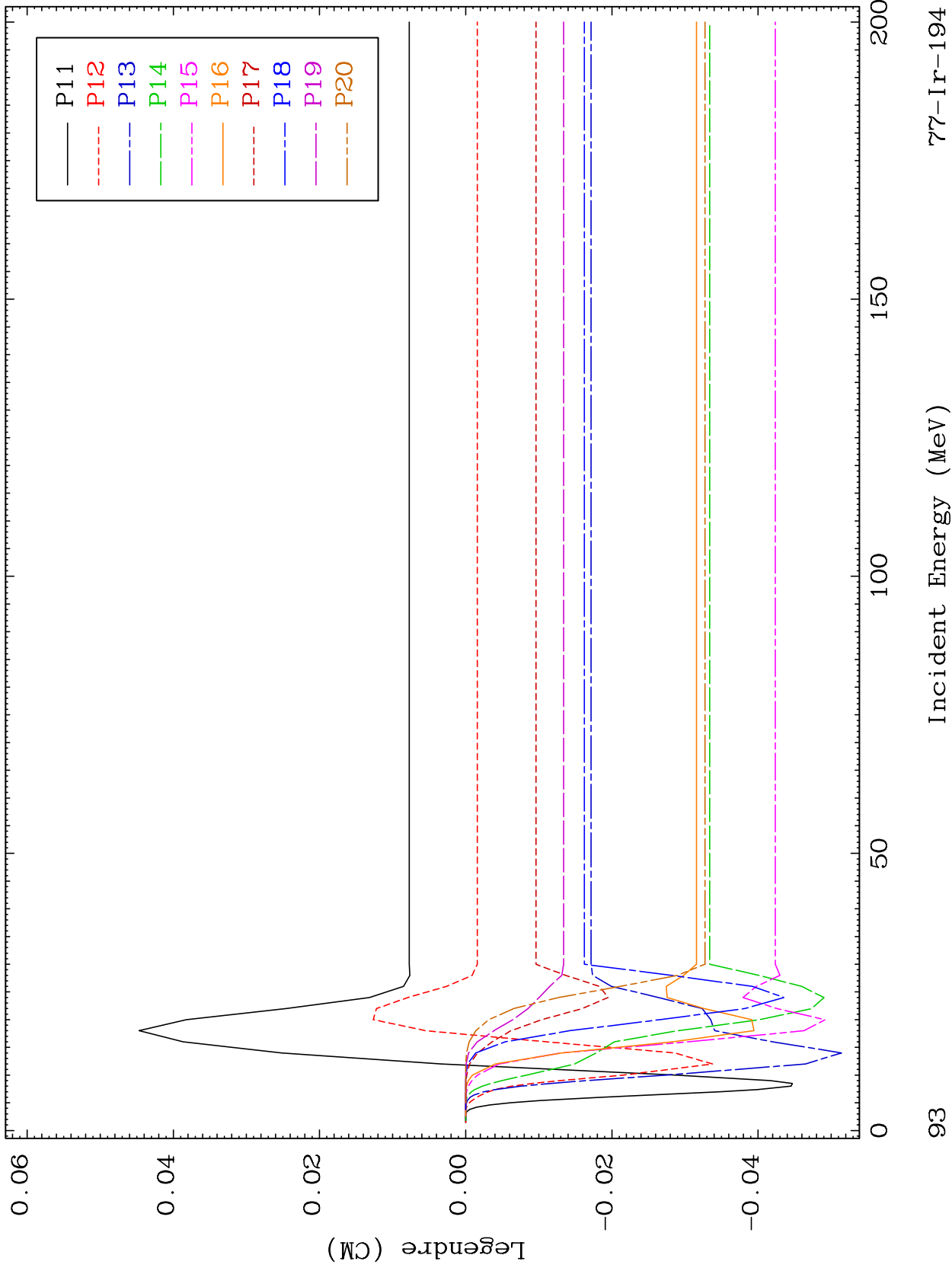
Incident Energy (MeV)

92

MAT 7734

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

77-Ir-194



77-Ir-194

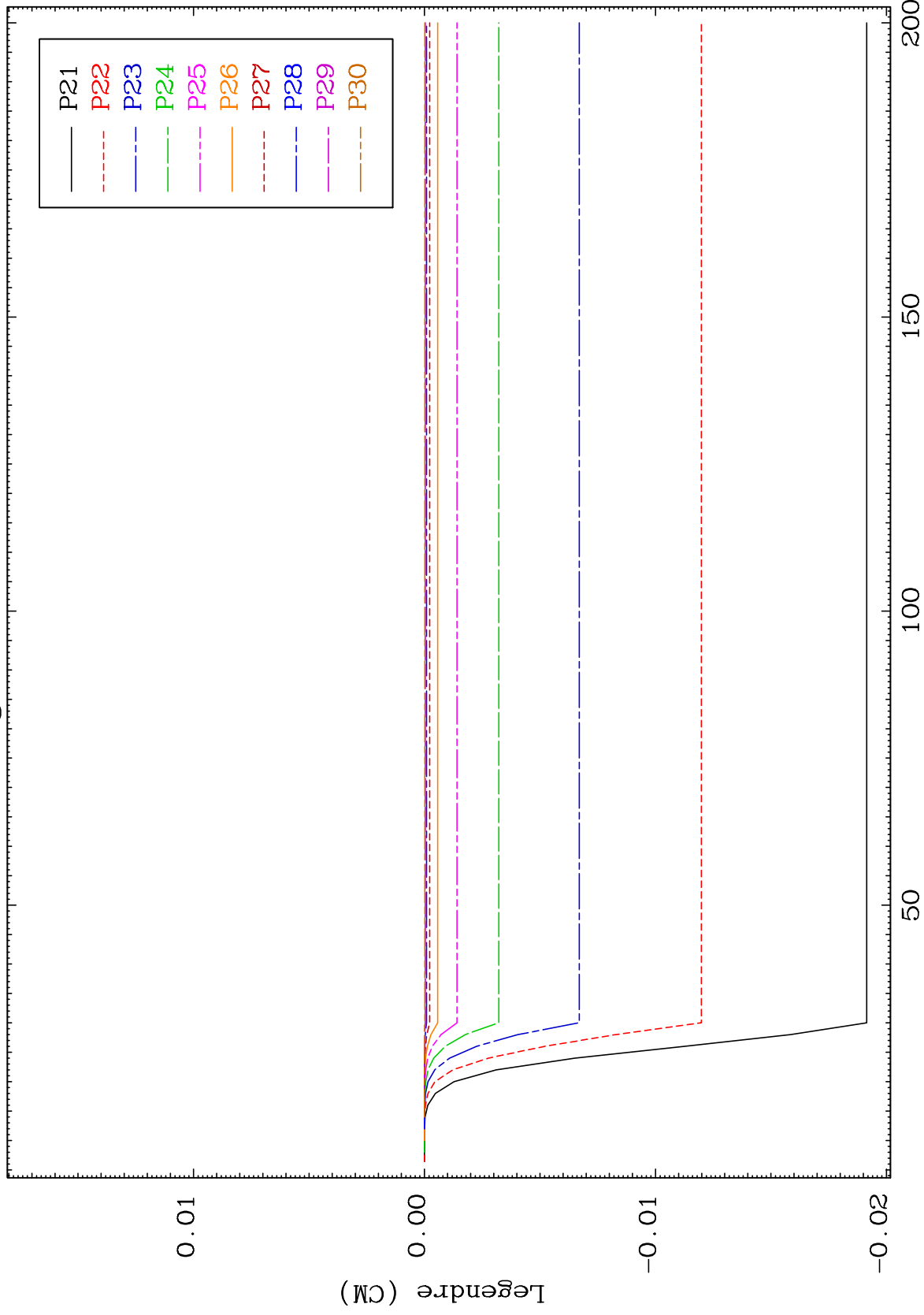
Incident Energy (MeV)

93

MAT 7734

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

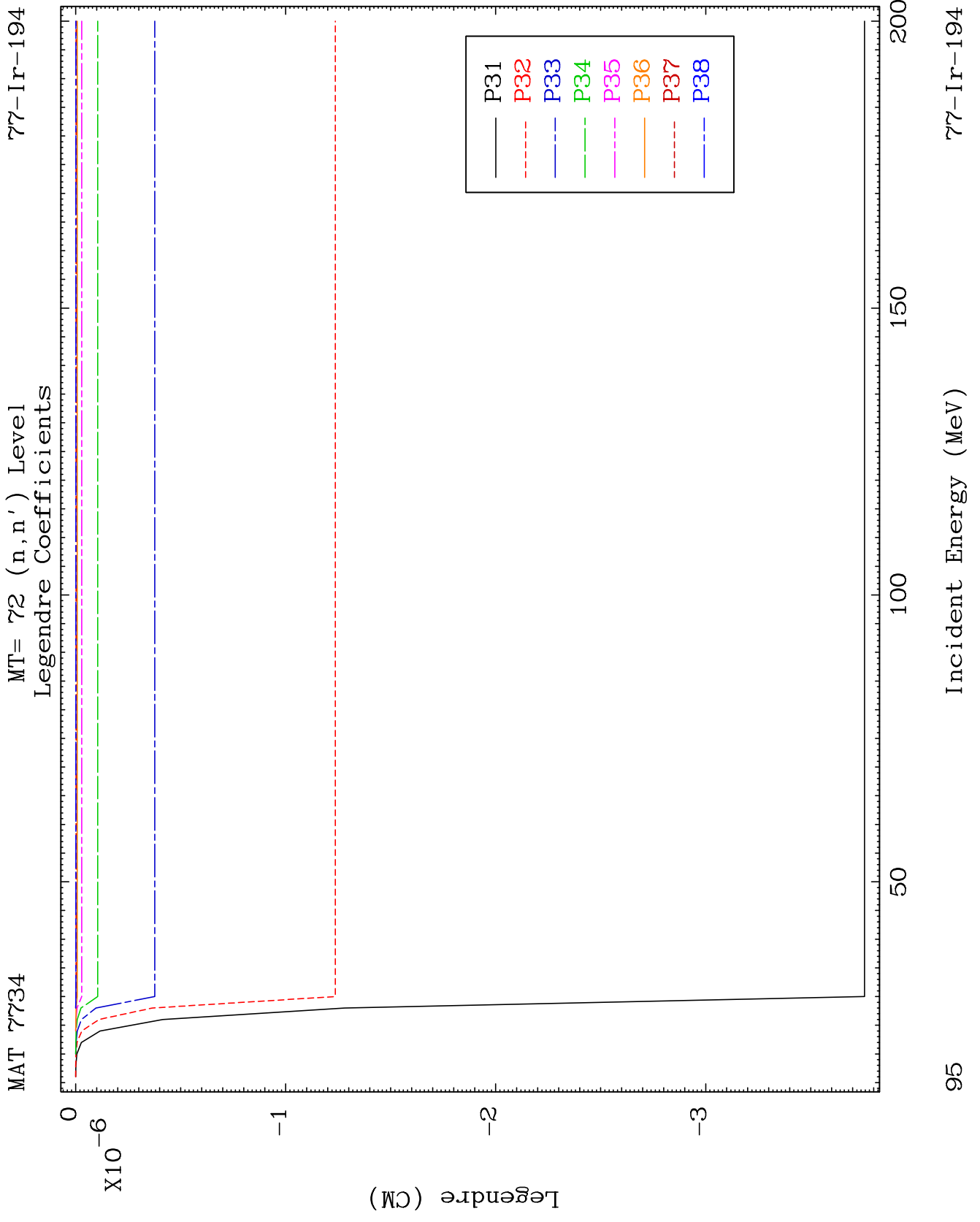
77-Ir-194



94

Incident Energy (MeV)

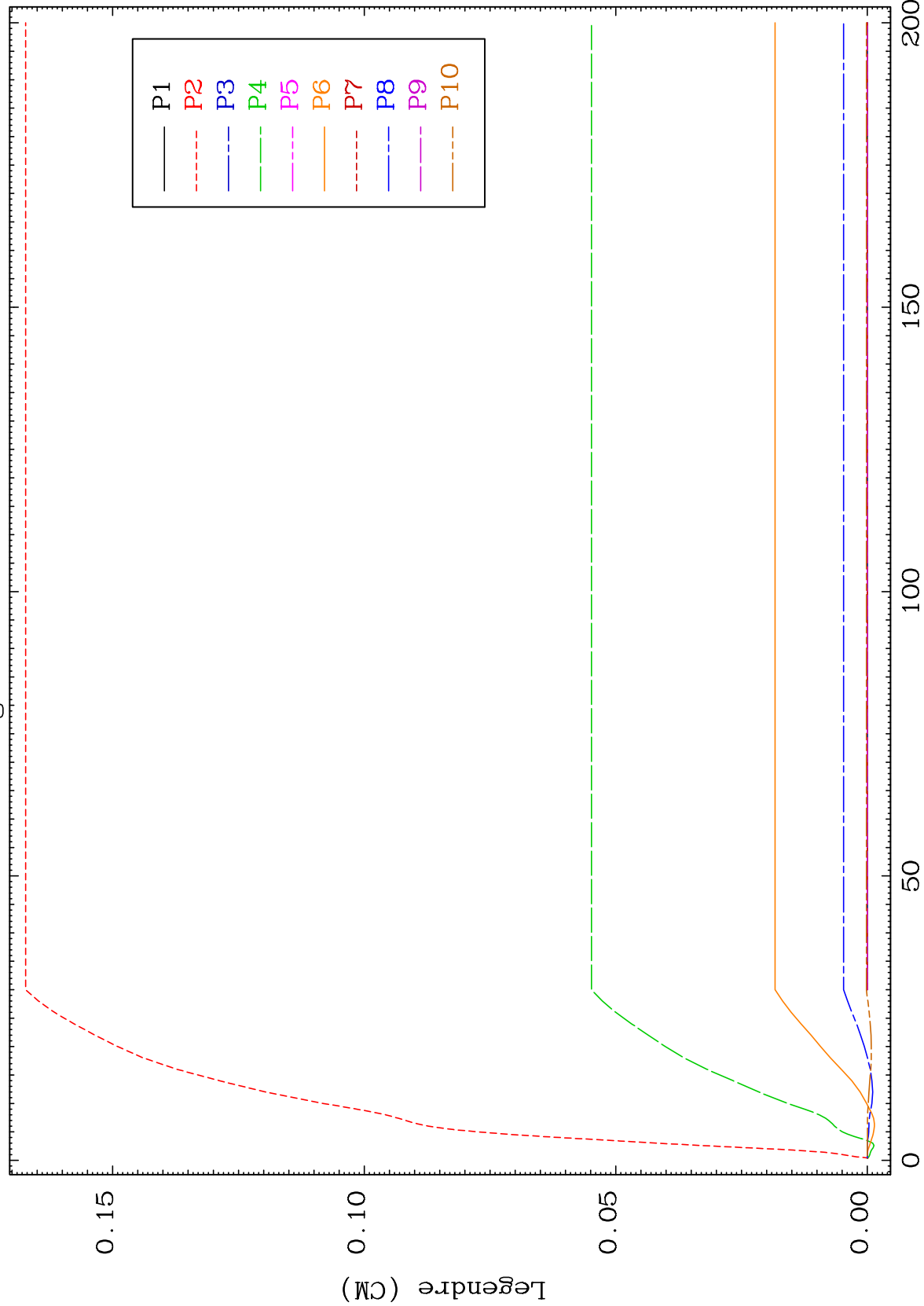
77-Ir-194



MAT 7734

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

77-Ir-194



96

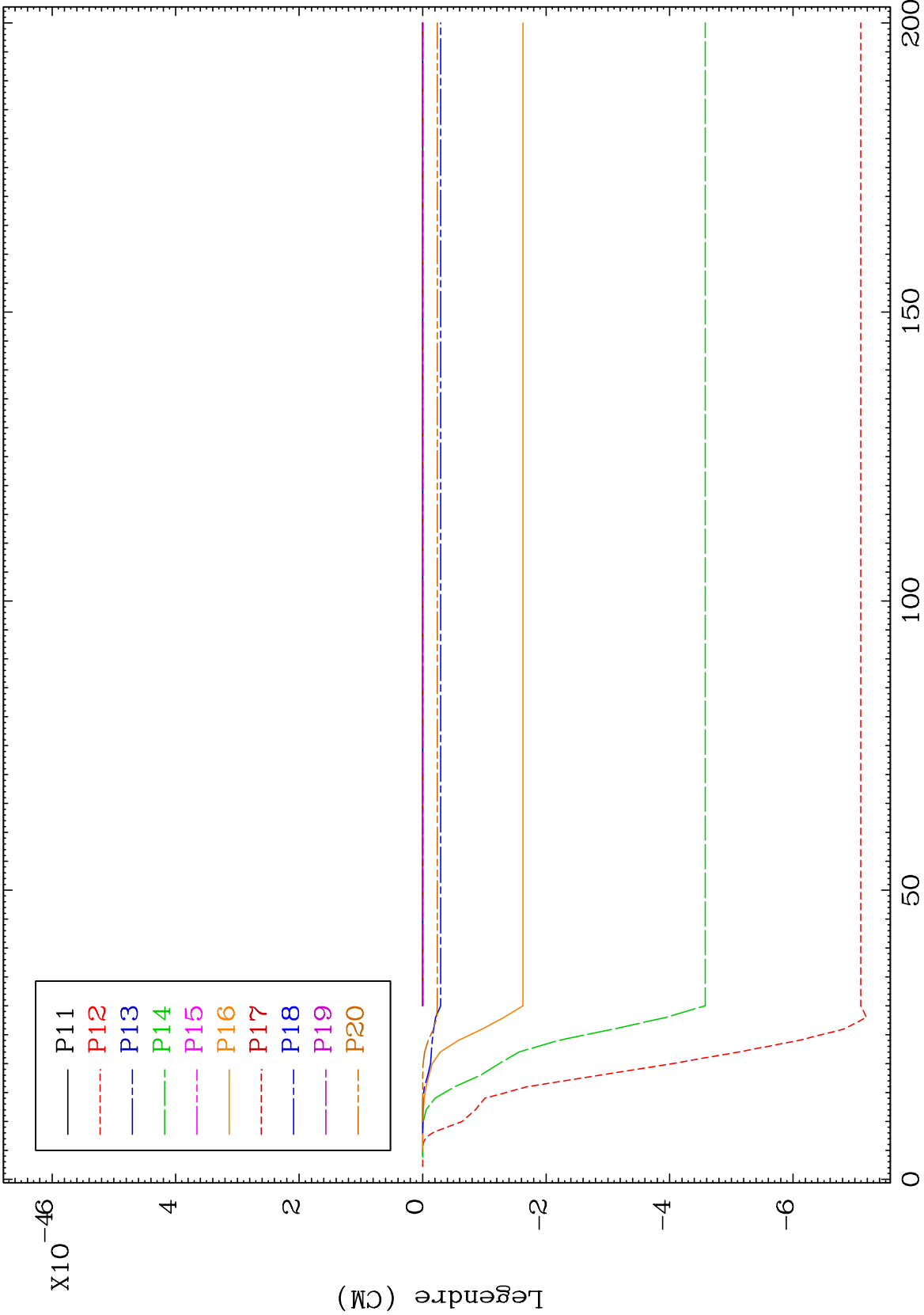
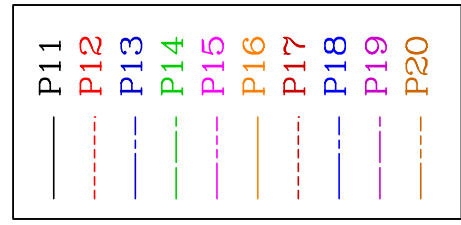
Incident Energy (MeV)

77-Ir-194

MAT 7734

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

77-Ir-194



97

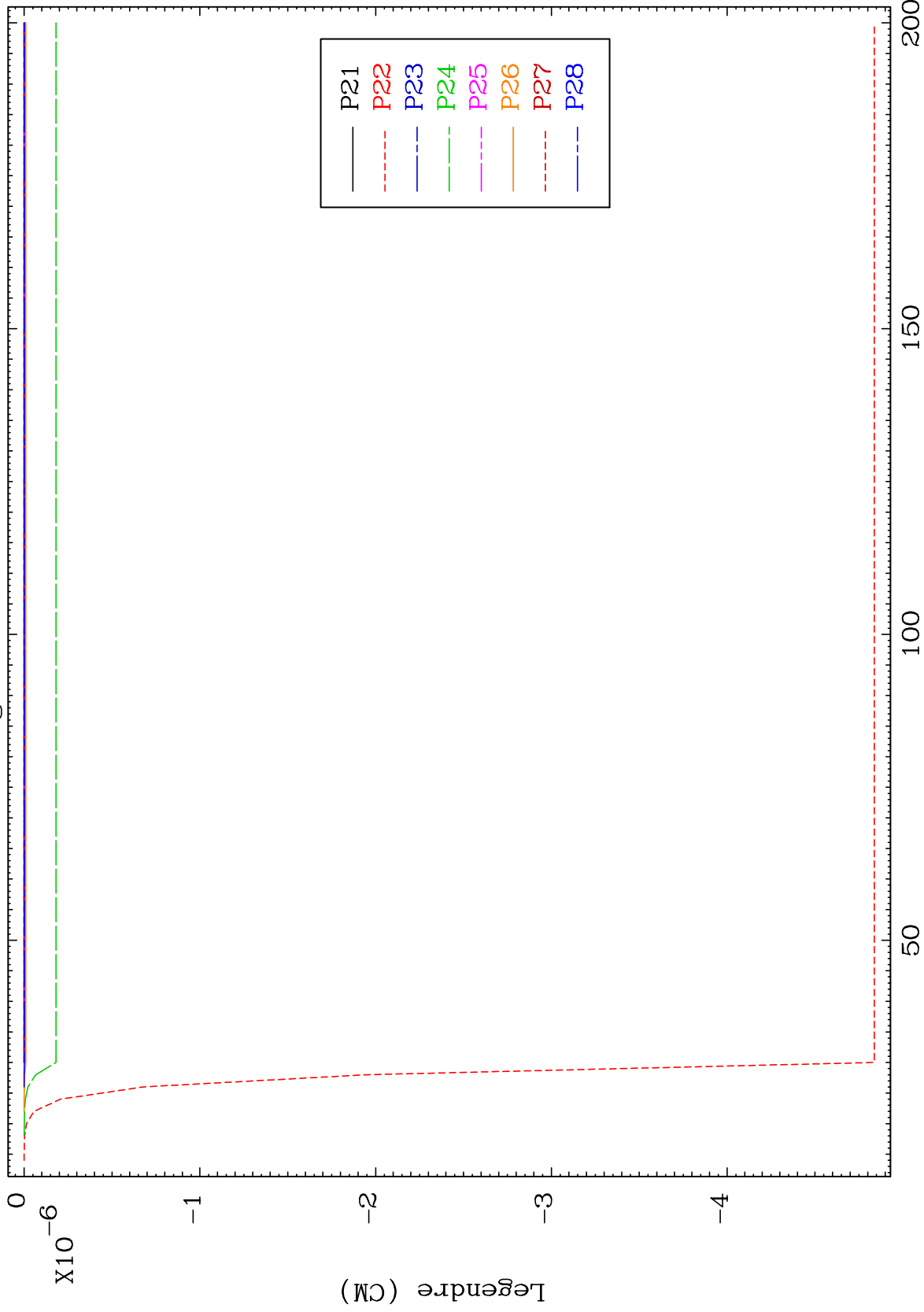
Incident Energy (MeV)

77-Ir-194

MAT 7734

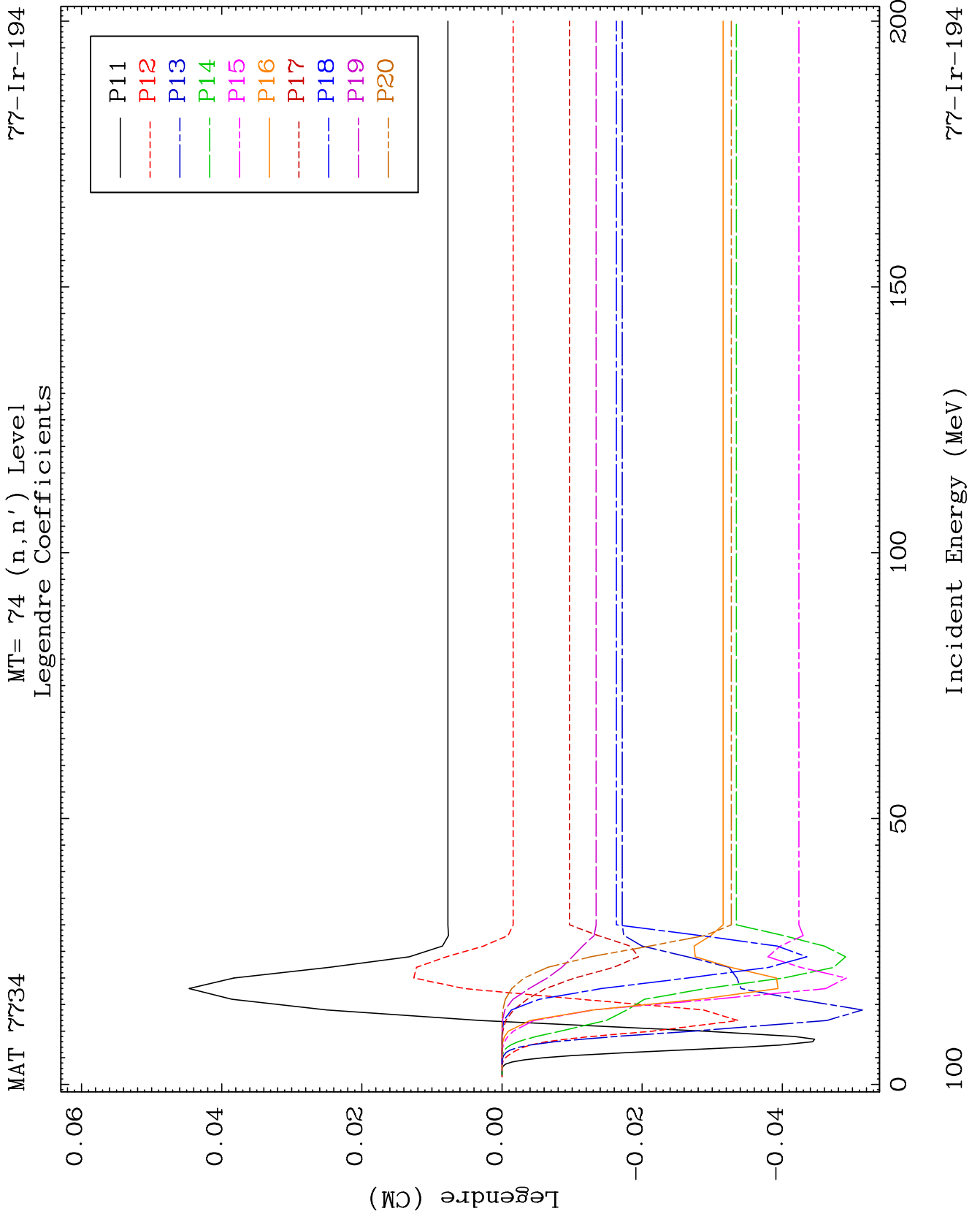
MT= 73 (n,n') Level
Legendre Coefficients

77-Ir-194



98

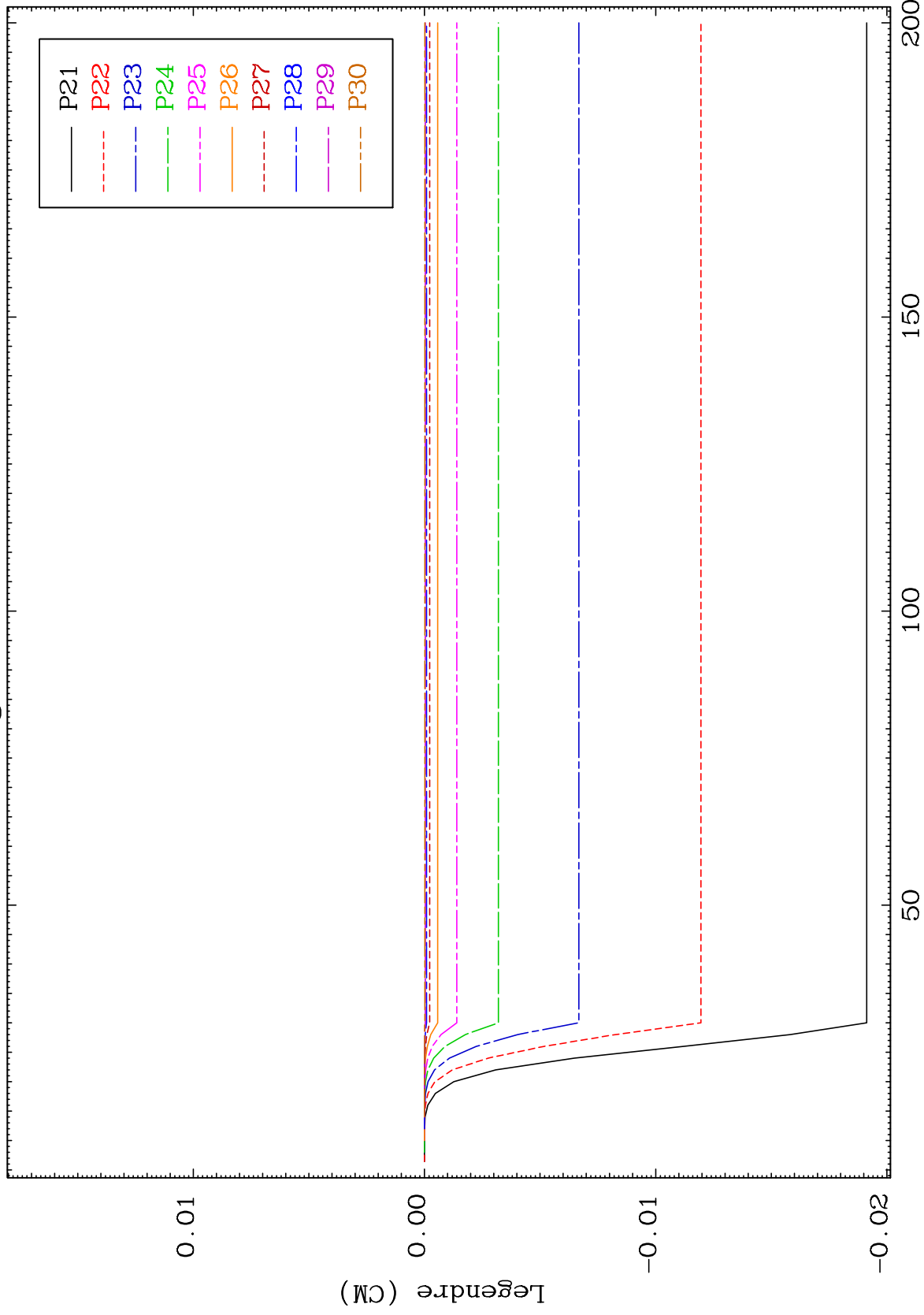
77-Ir-194



MAT 7734

MT= 74 (n,n') Level
Legendre Coefficients

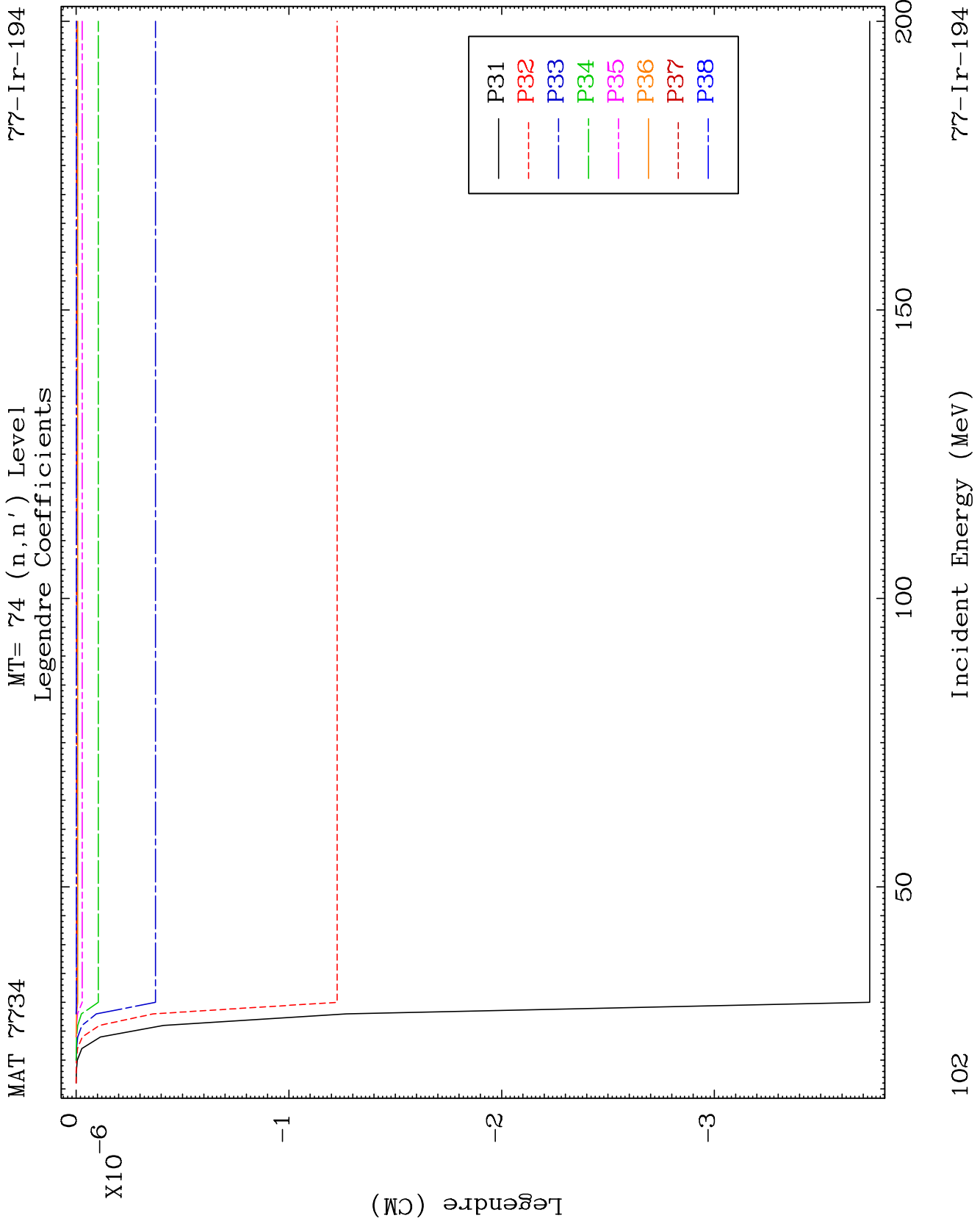
77-Ir-194



101

Incident Energy (MeV)

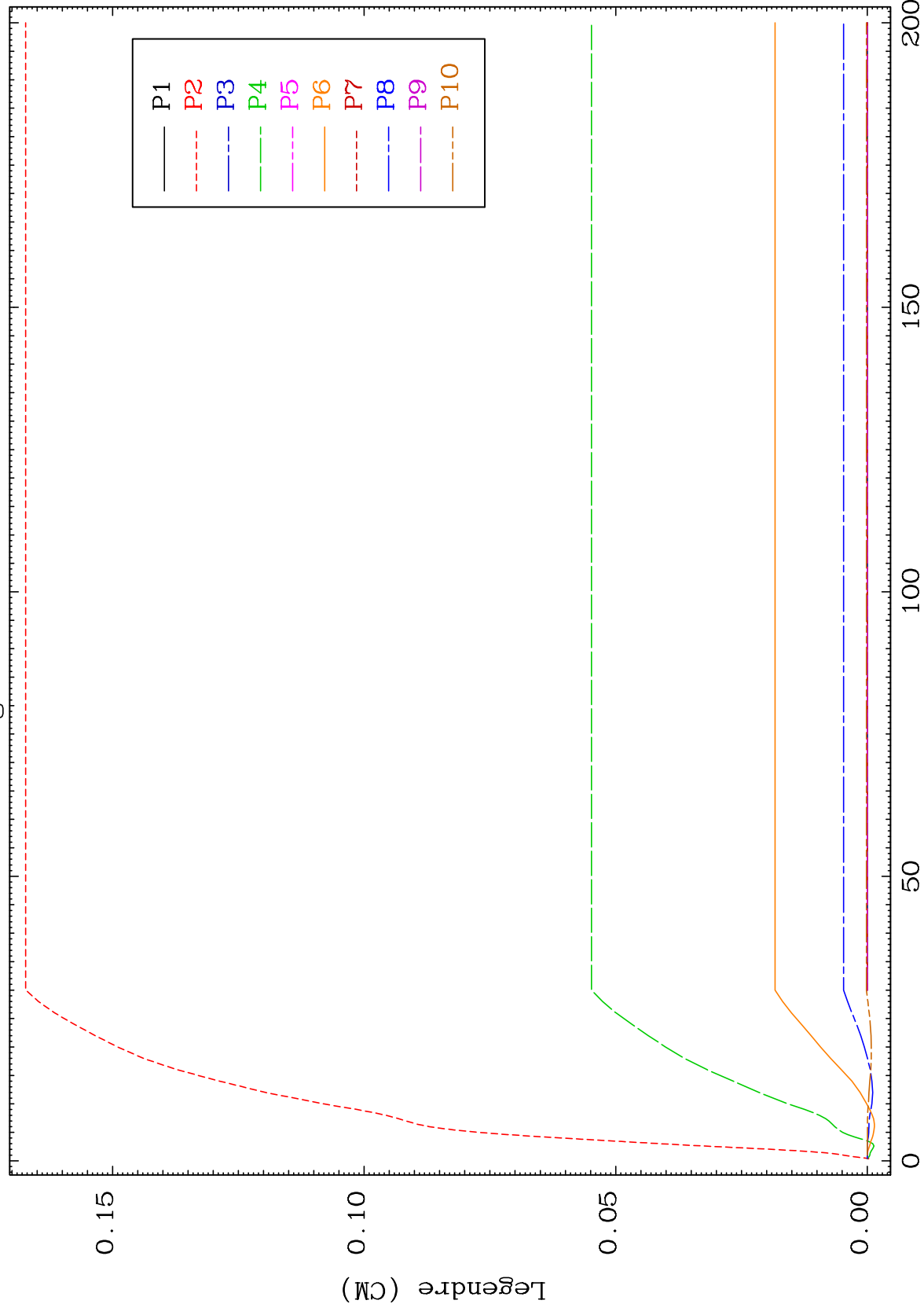
77-Ir-194



MAT 7734

MT= 75 (n,n') Level
Legendre Coefficients

77-Ir-194



77-Ir-194

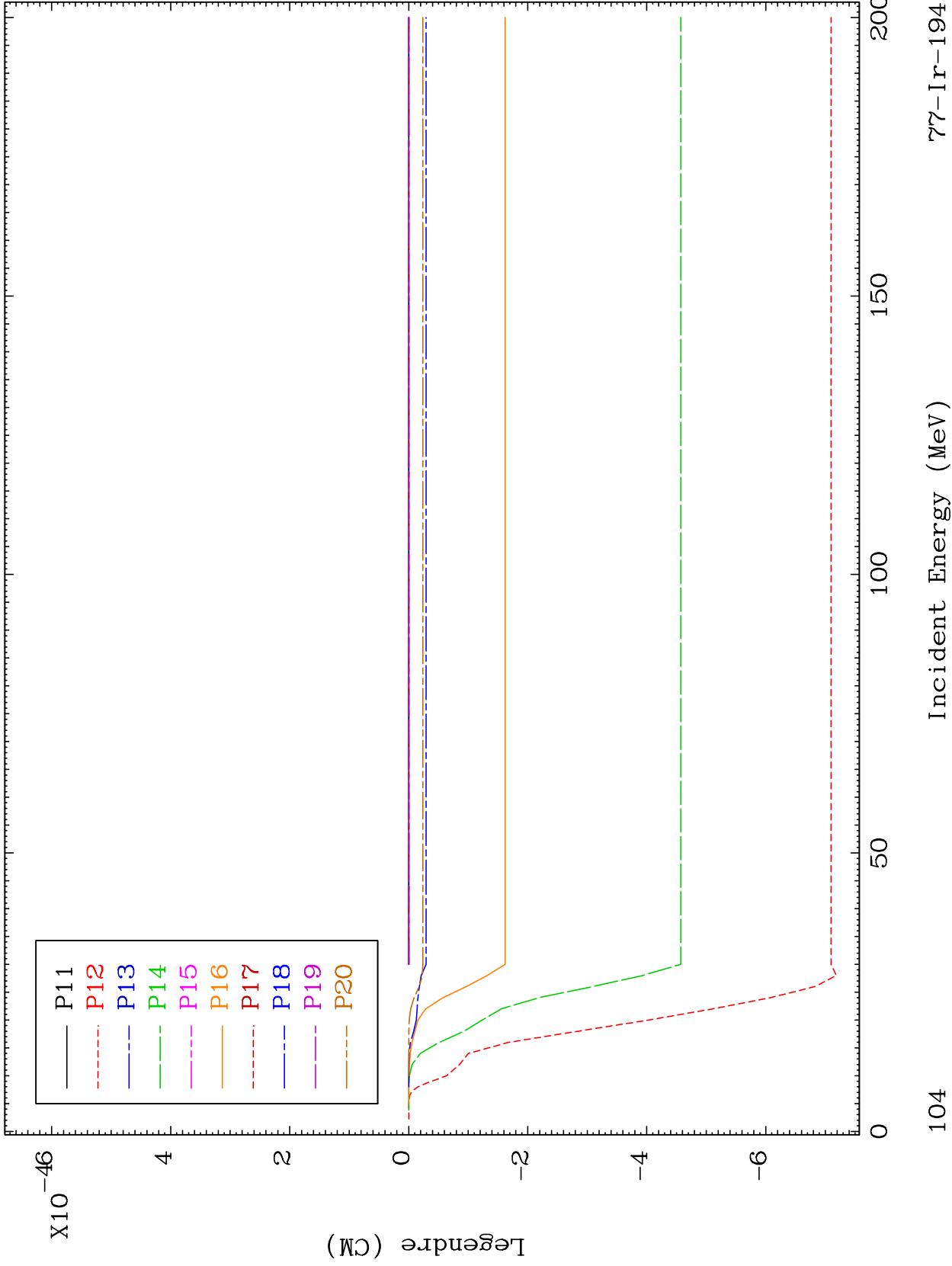
Incident Energy (MeV)

103

MAT 7734

MT= 75 (n,n') Level
Legendre Coefficients

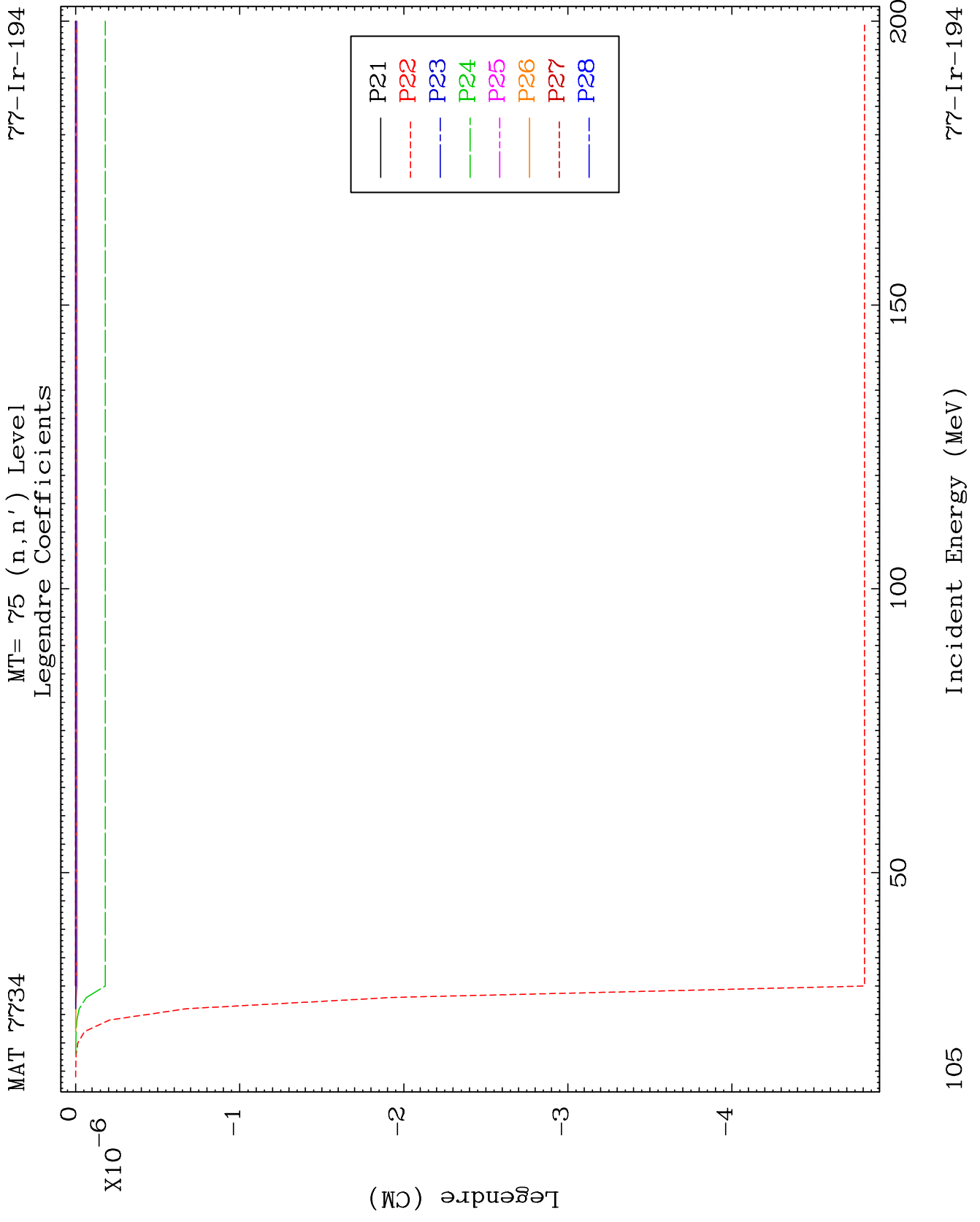
77-Ir-194

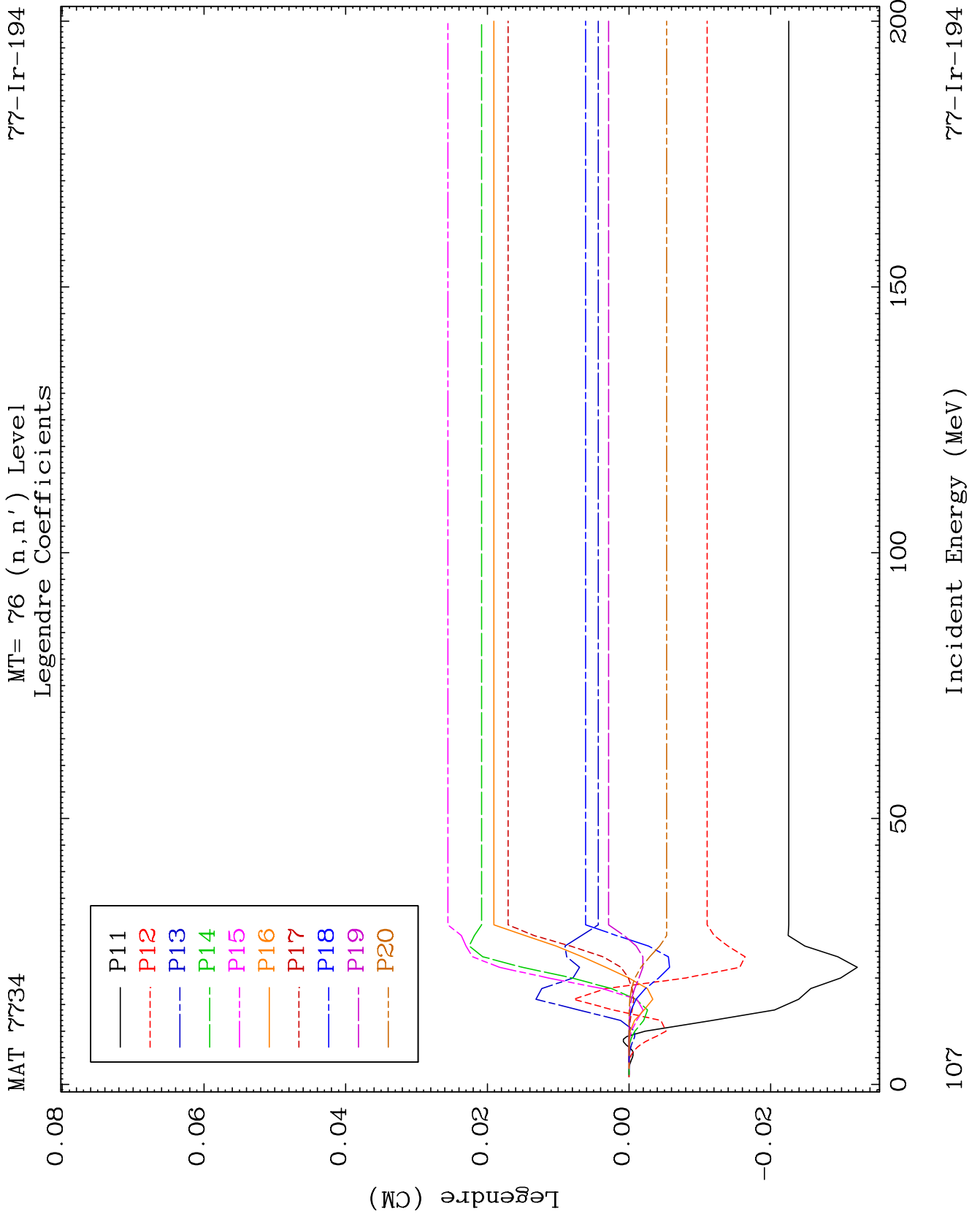


104

Incident Energy (MeV)

77-Ir-194

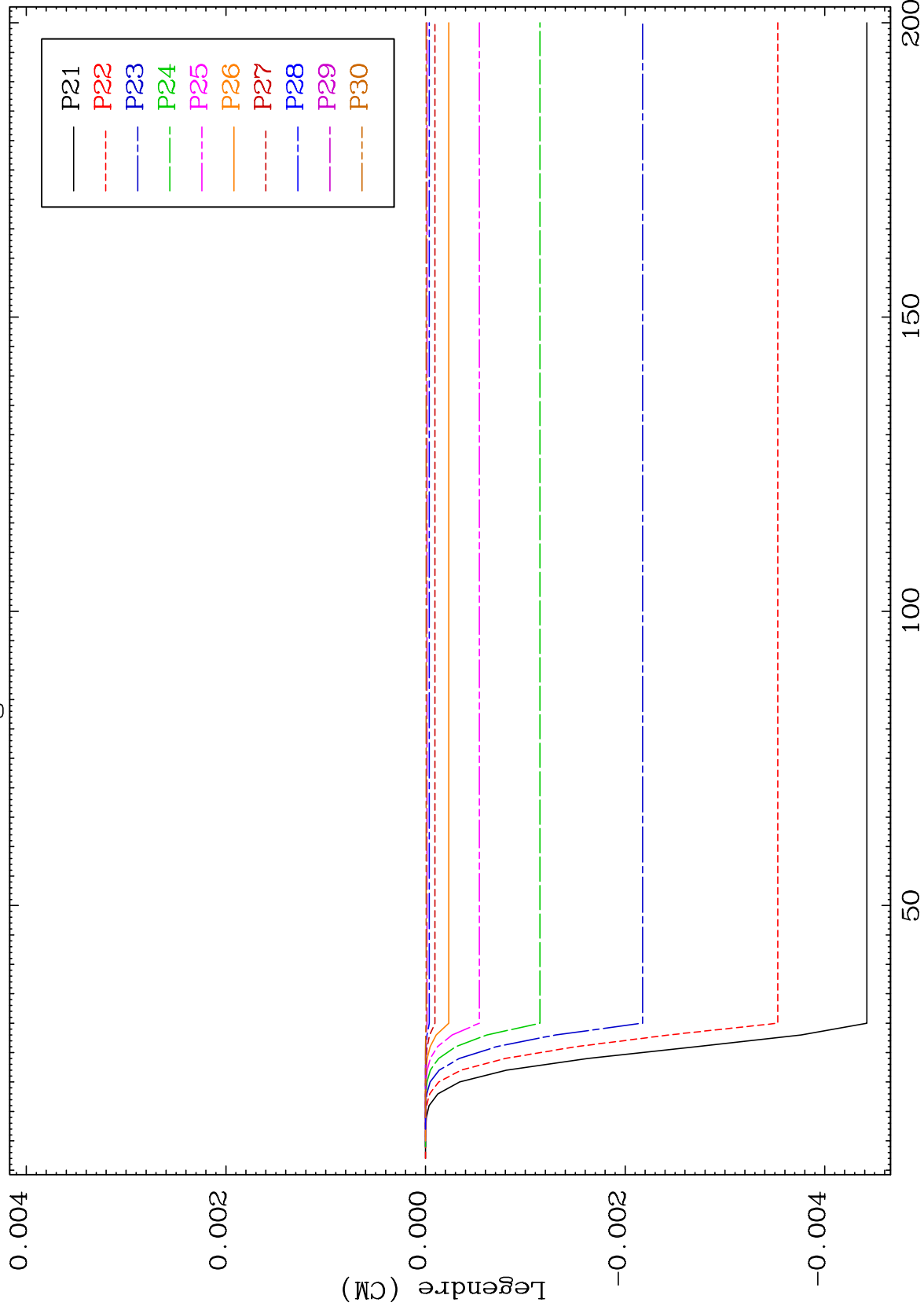




MAT 7734

MT= 76 (n,n') Level
Legendre Coefficients

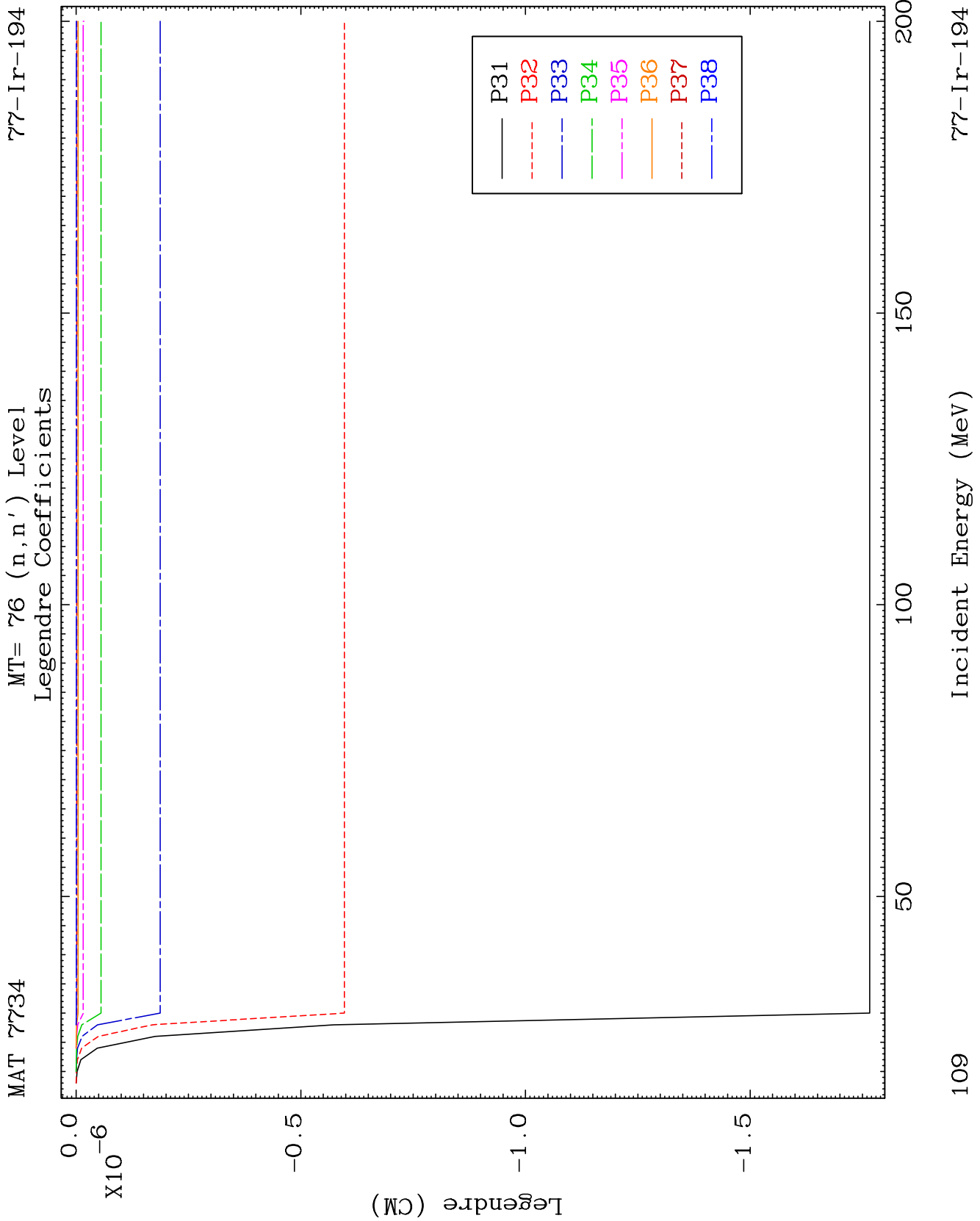
77-Ir-194

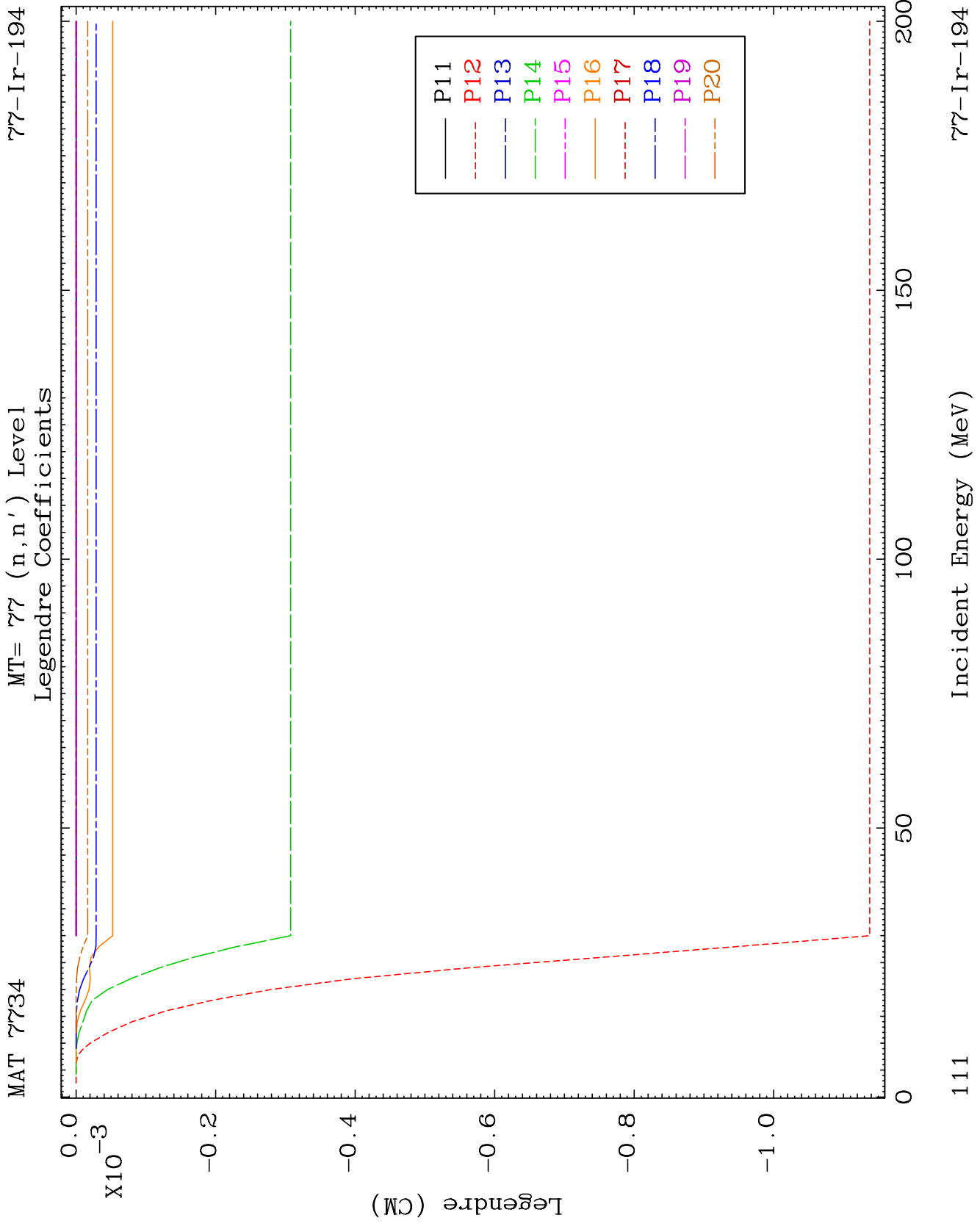


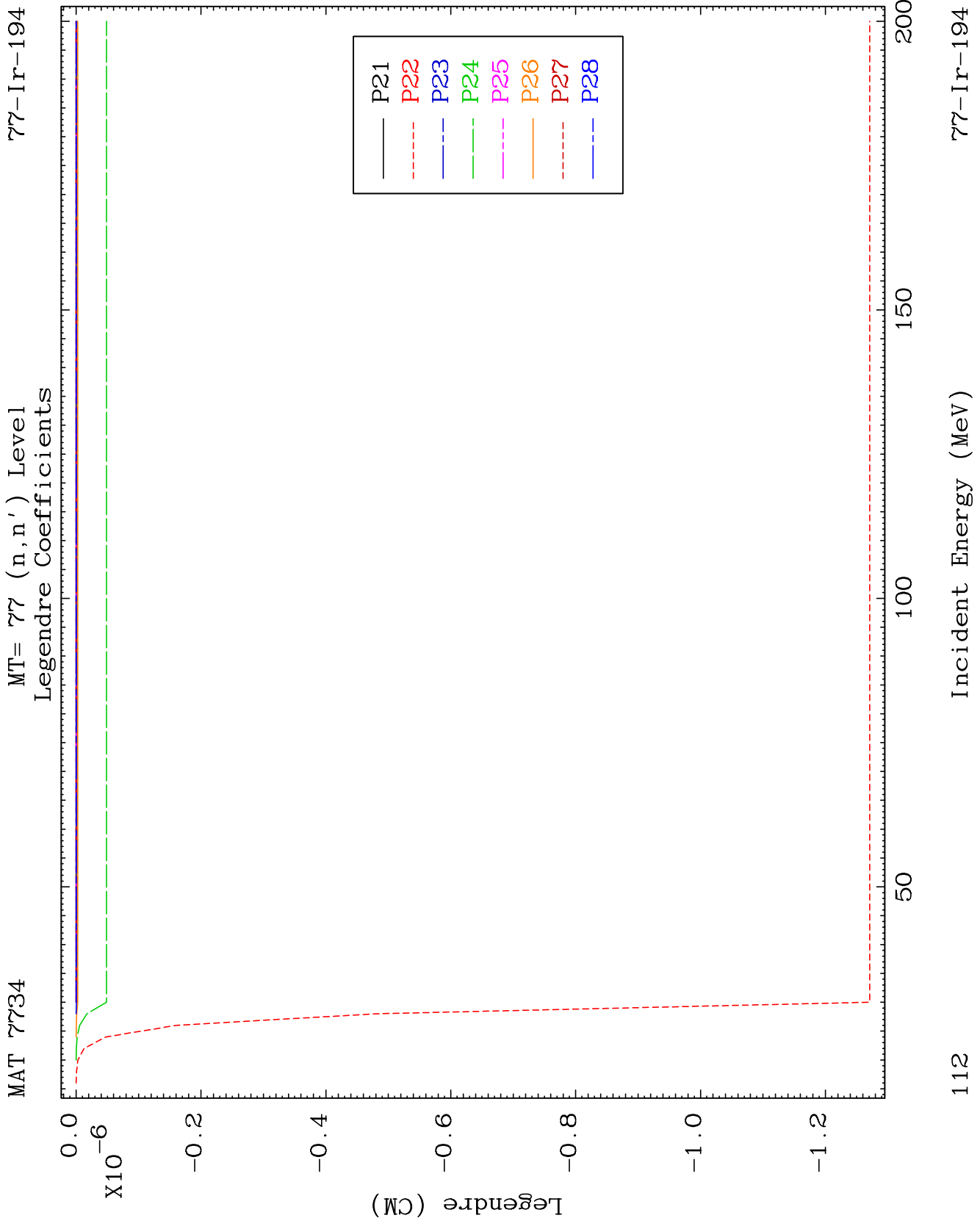
108

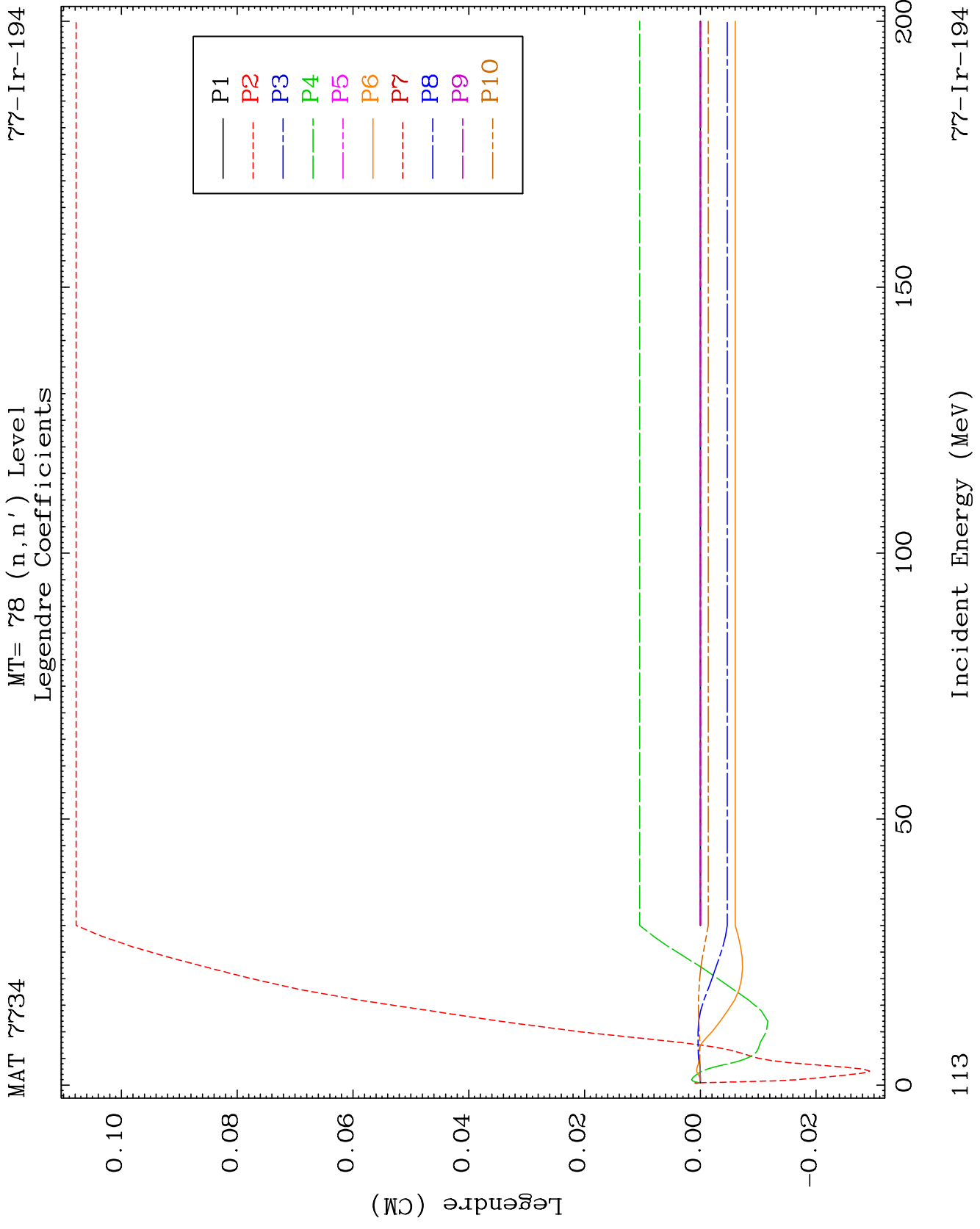
Incident Energy (MeV)

77-Ir-194









77-Ir-194

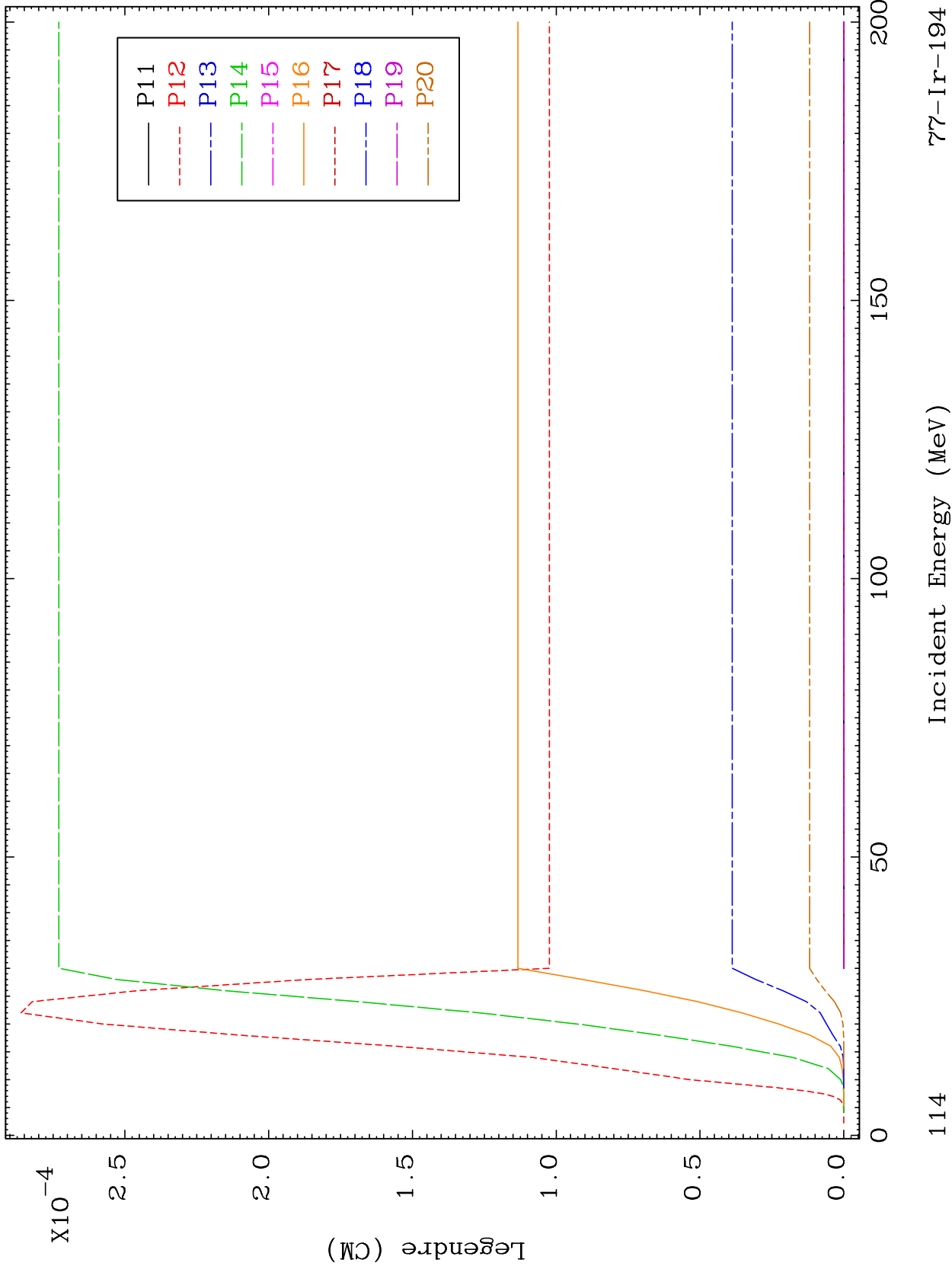
Incident Energy (MeV)

113

MAT 7734

MT= 78 (n,n') Level
Legendre Coefficients

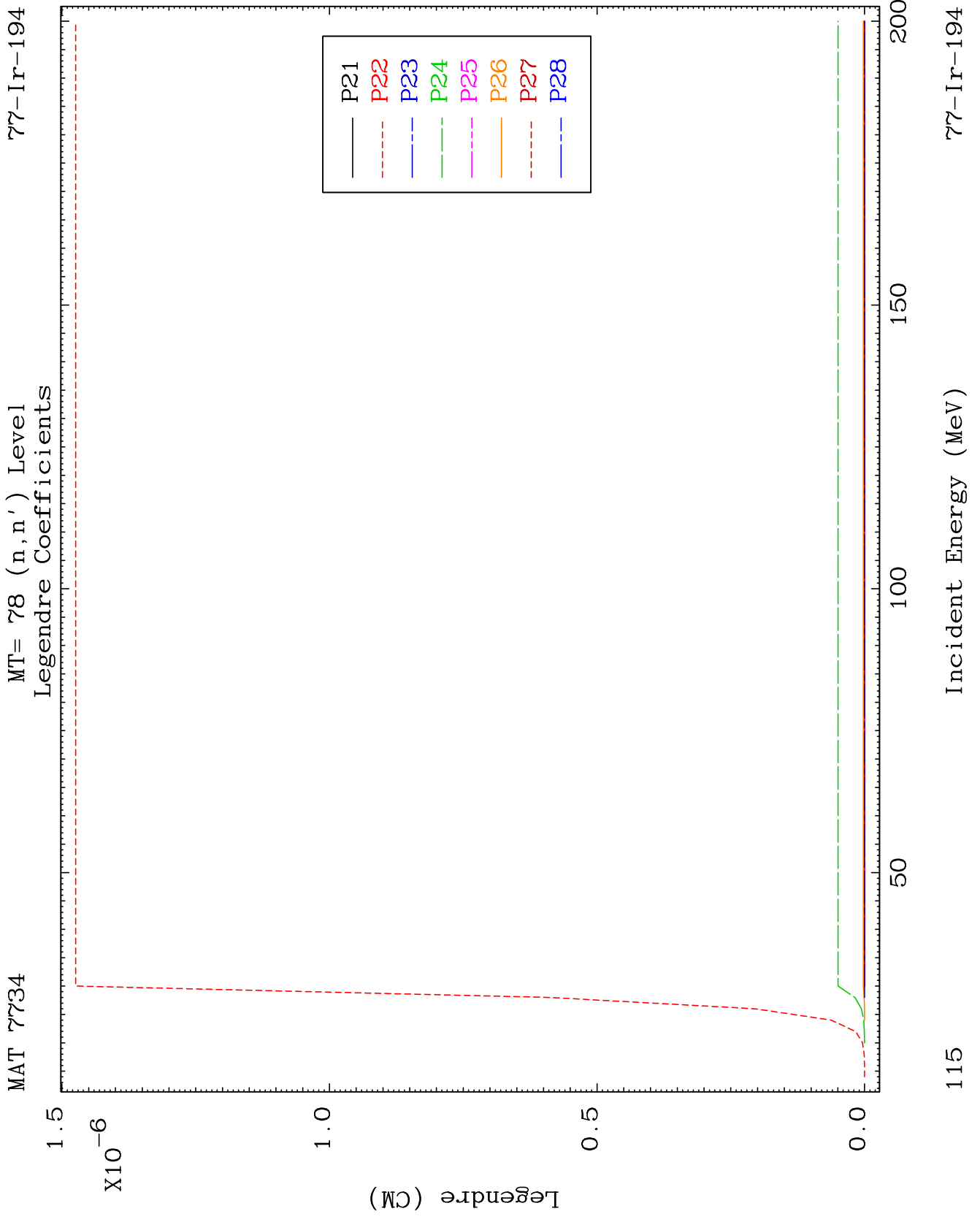
77-Ir-194

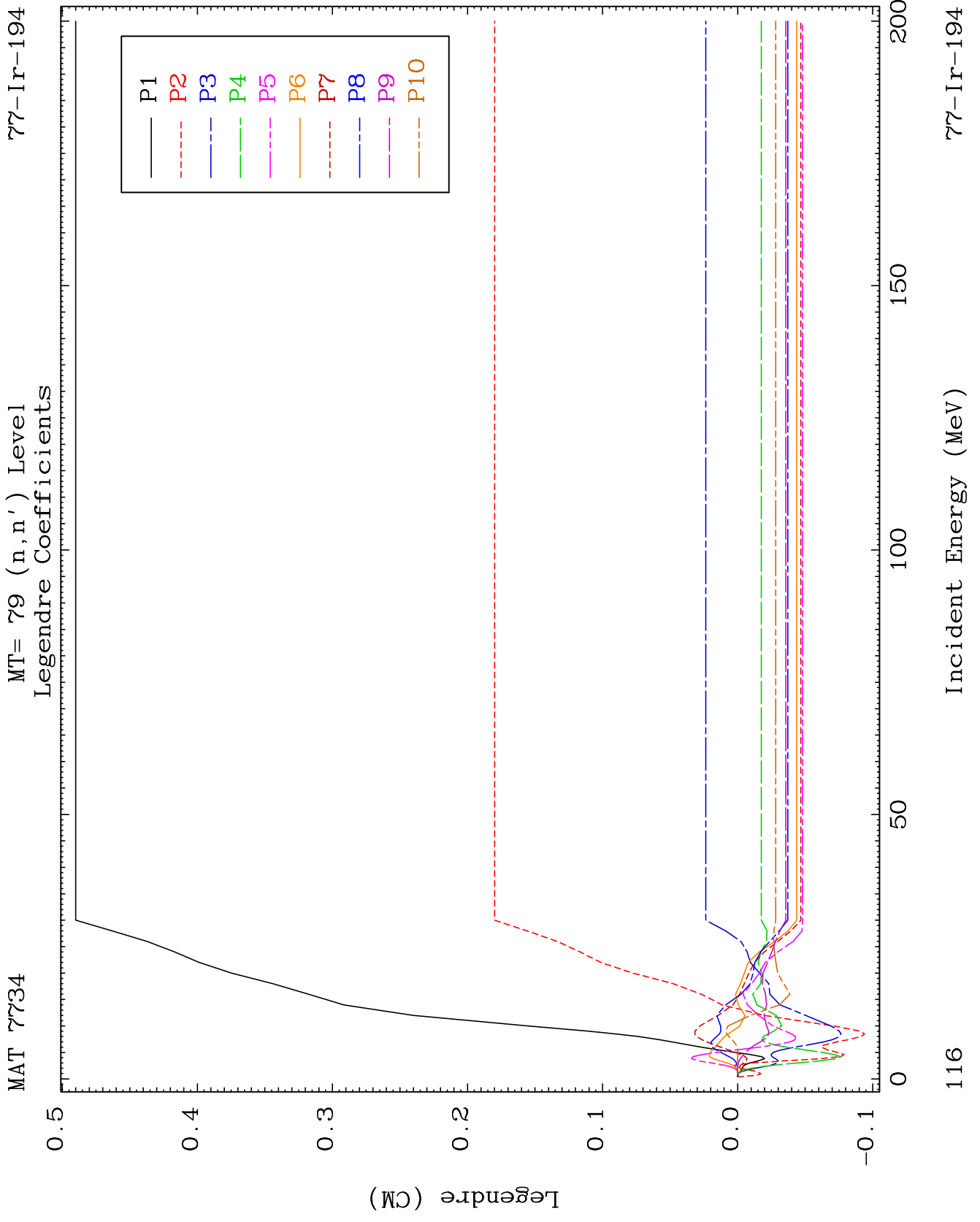


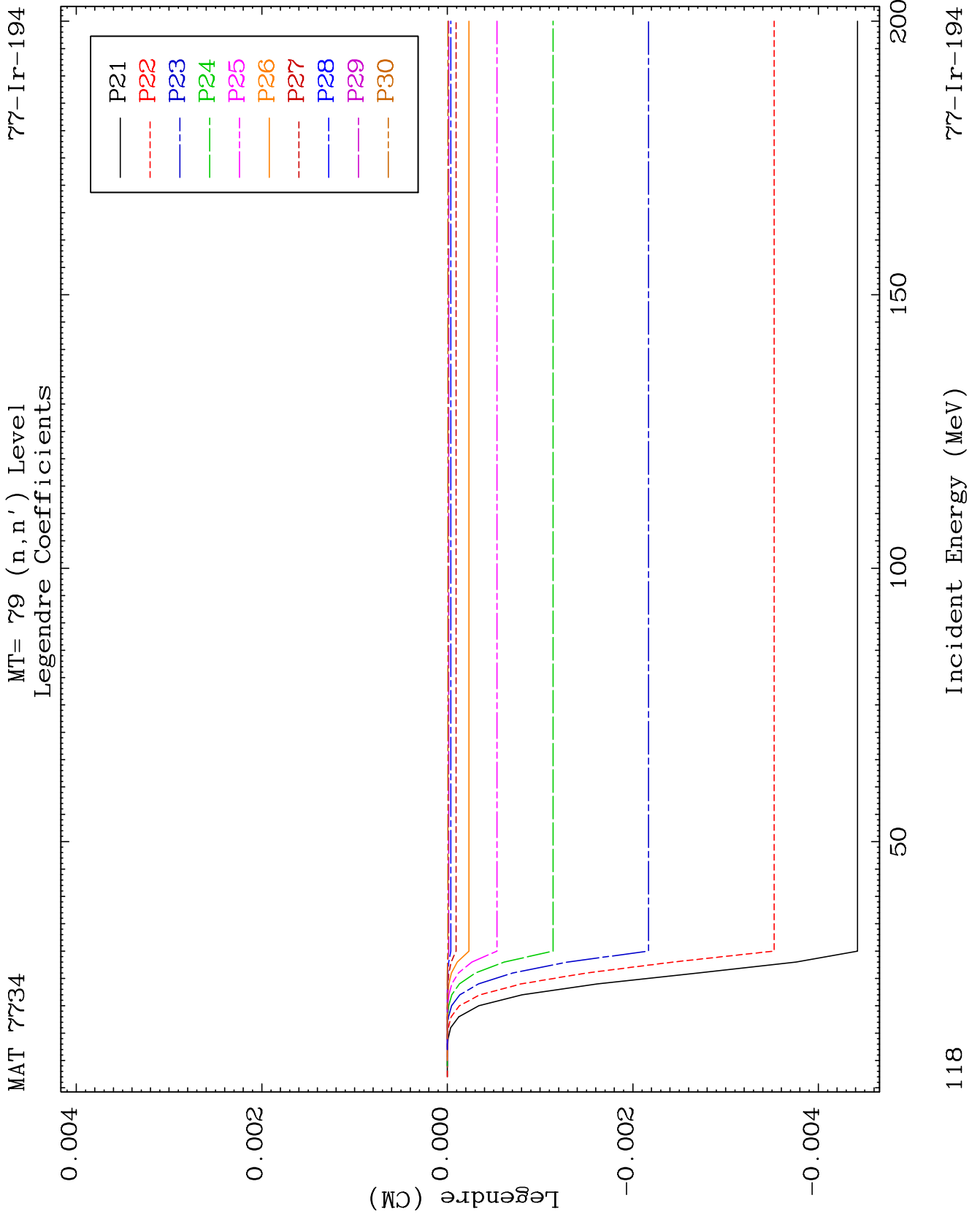
114

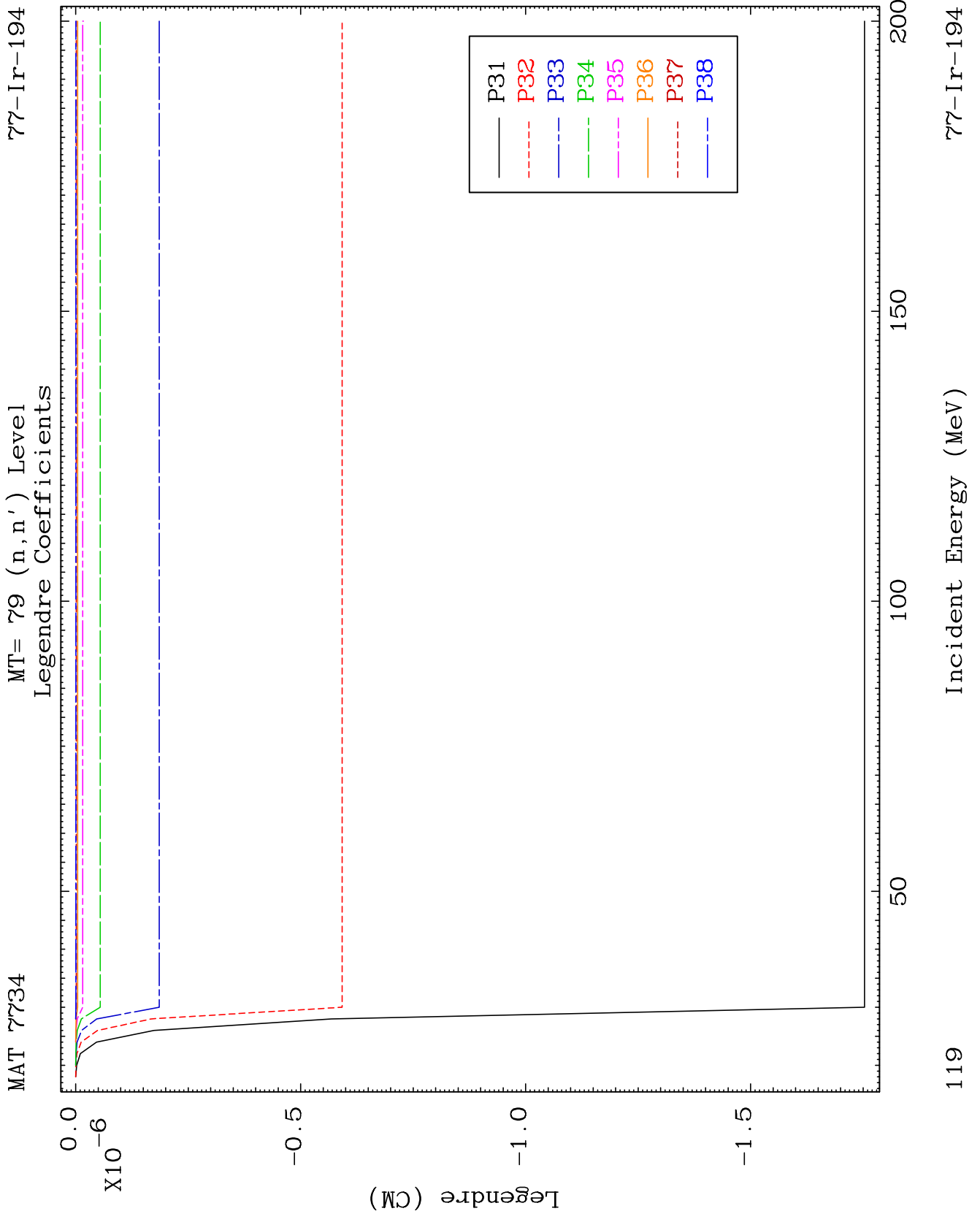
Incident Energy (MeV)

77-Ir-194





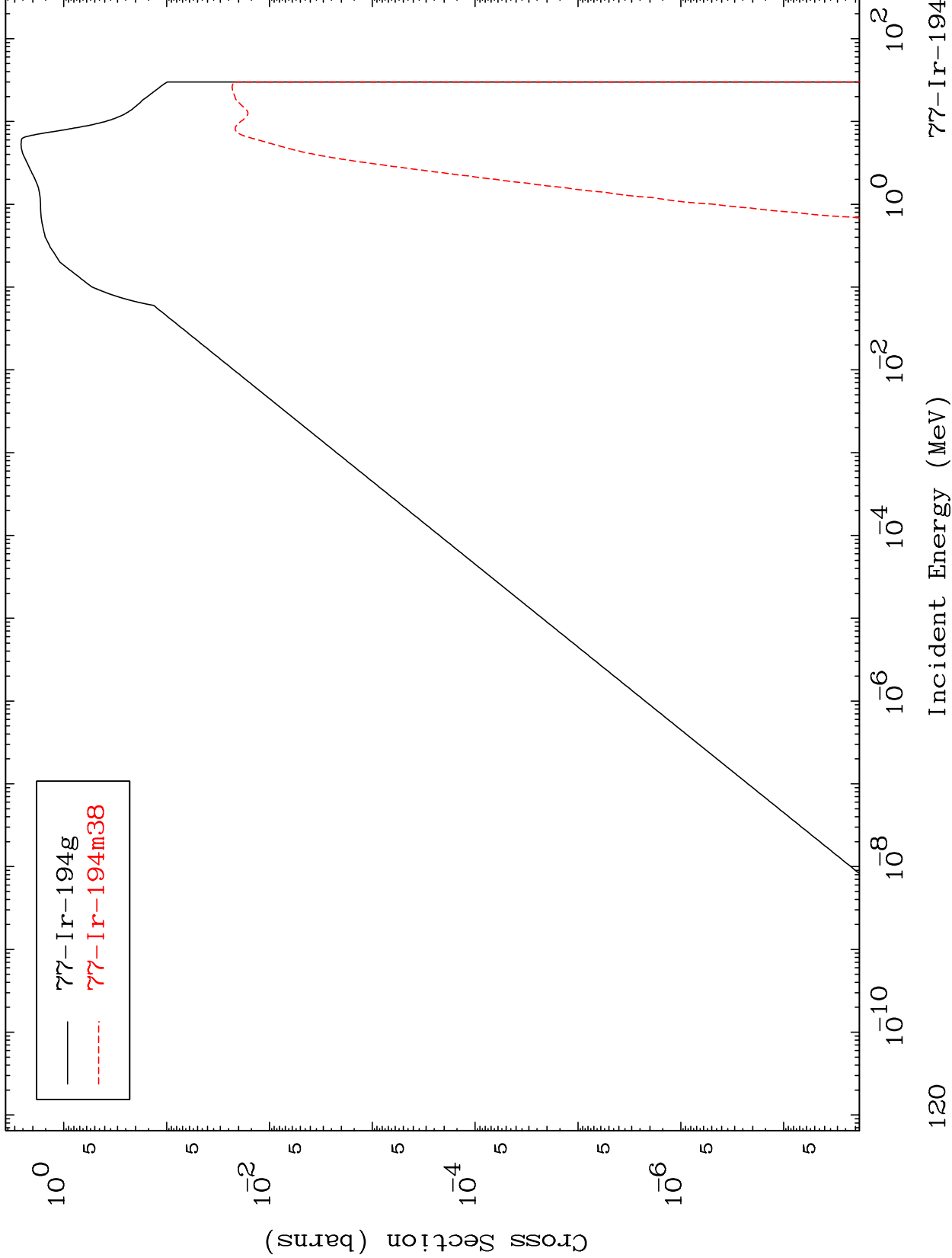




MAT 7734

Inelastic
Radionuclide Production Cross Section

⁷⁷Ir-194



120

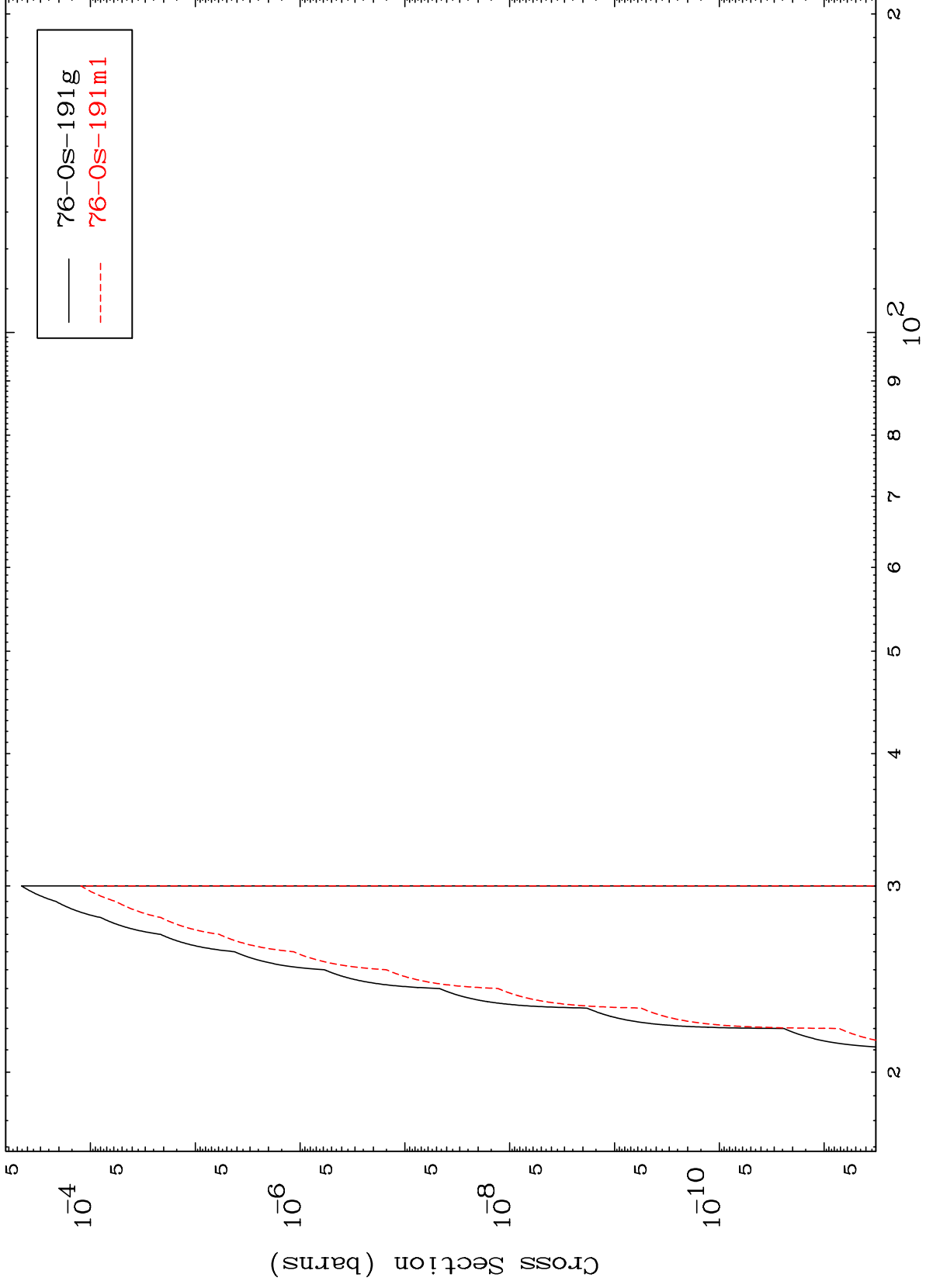
⁷⁷Ir-194

MAT 7734

(n,2n) d

77-Ir-194

Radionuclide Production Cross Section



121

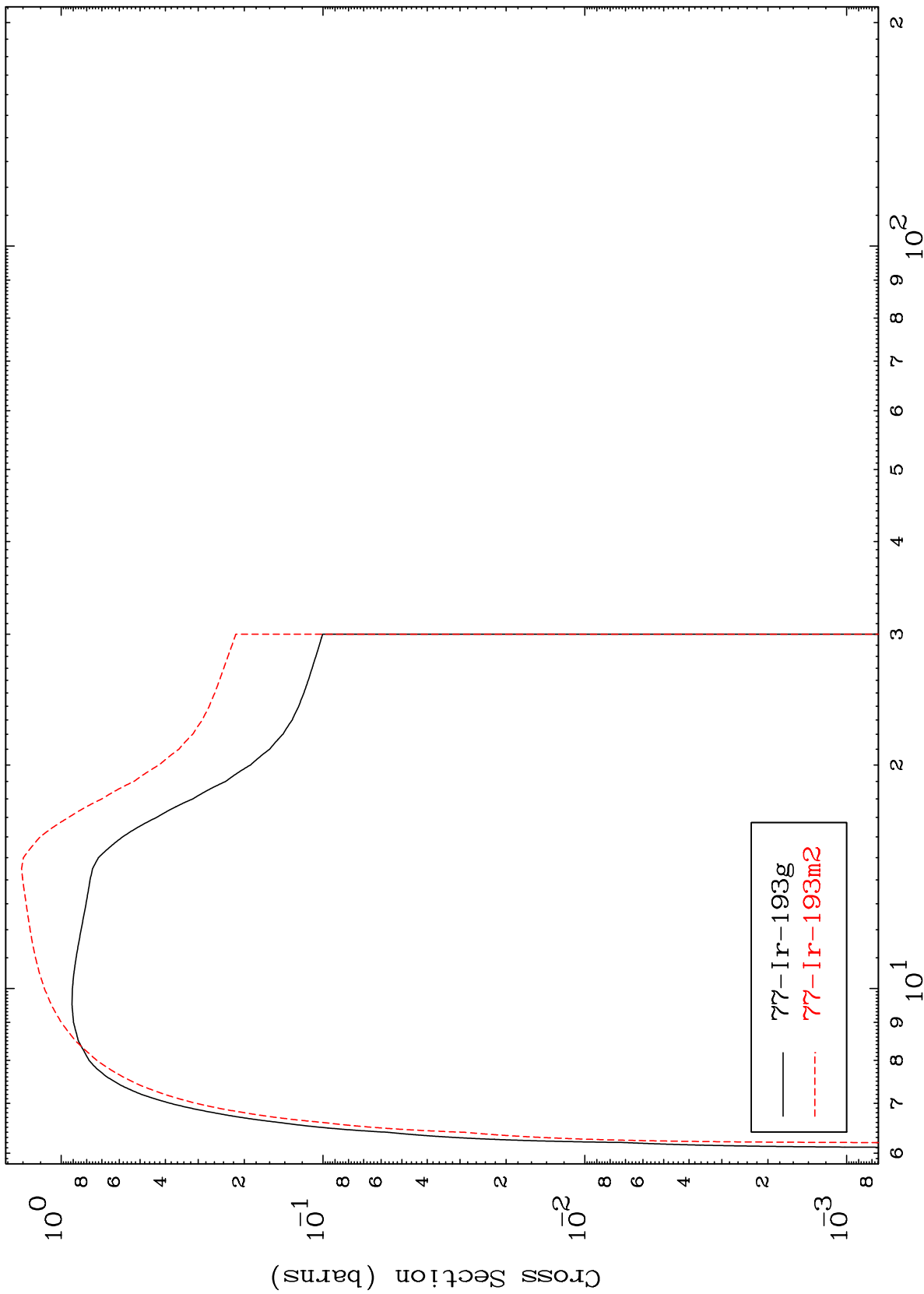
Incident Energy (MeV)

77-Ir-194

MAT 7734

77-Ir-194

Radionuclide Production Cross Section
(n,2n)

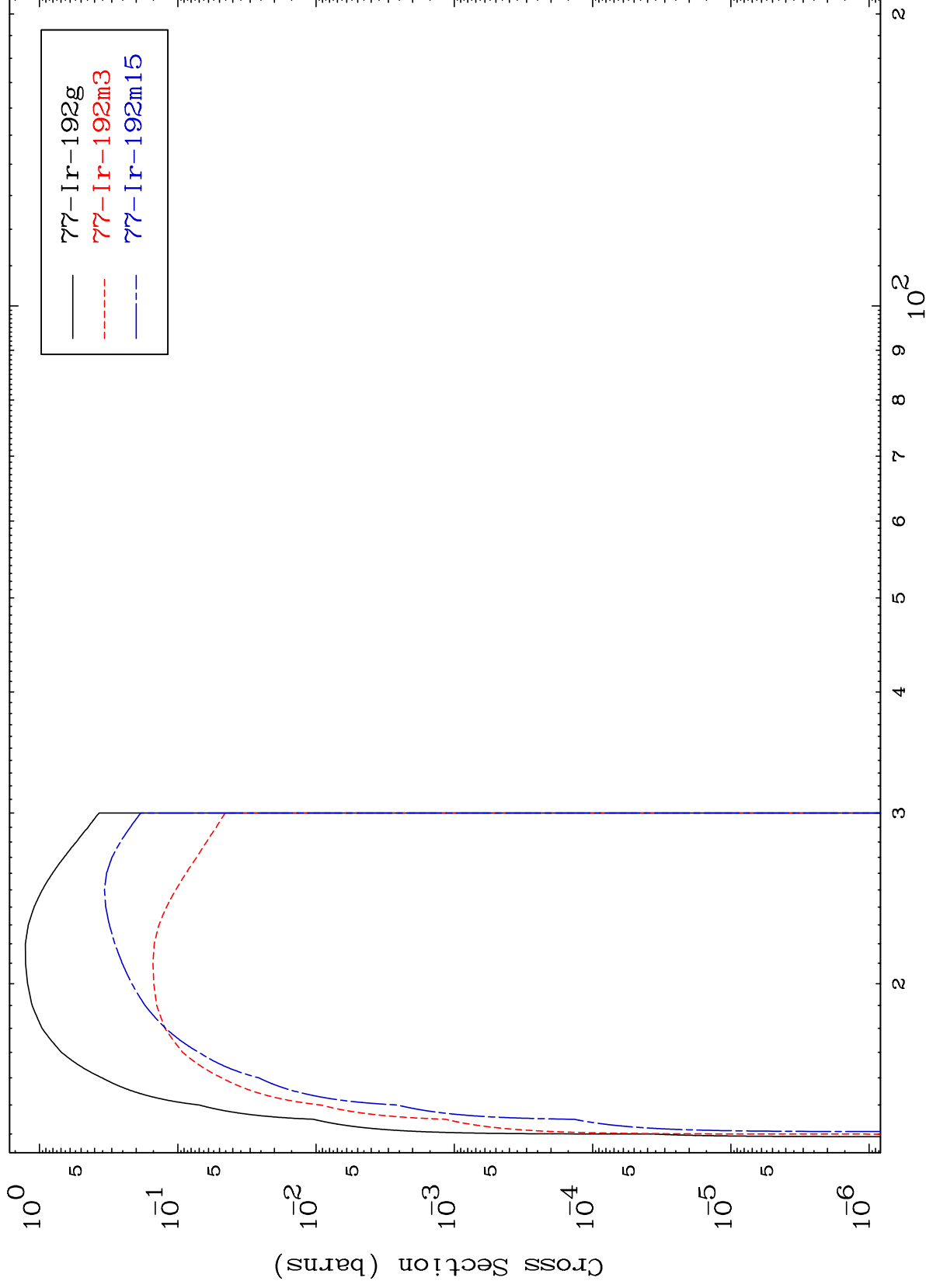


122

Incident Energy (MeV)

77-Ir-194

Radionuclide Production Cross Section

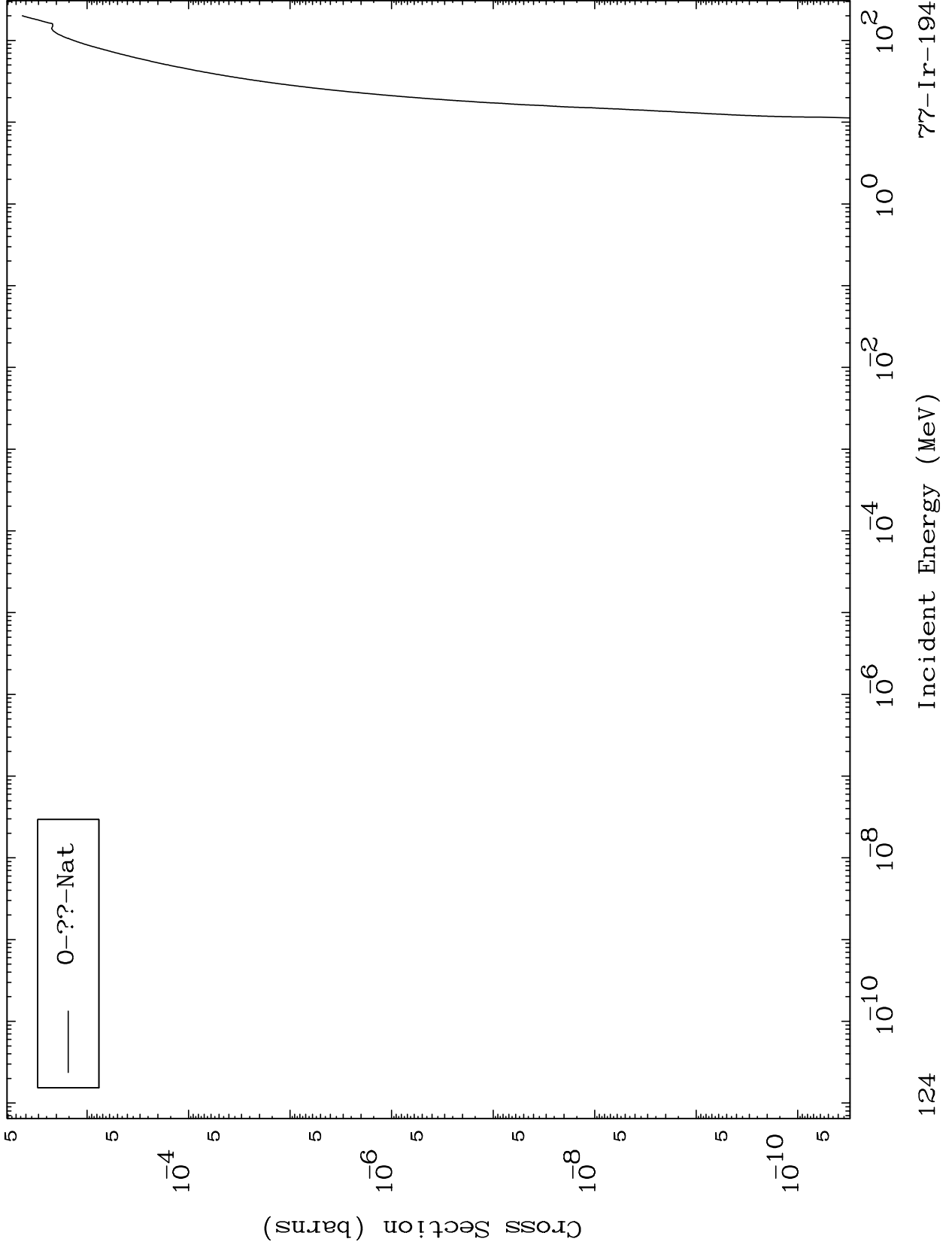


MAT 7734

Fission

⁷⁷Ir-194

Radionuclide Production Cross Section

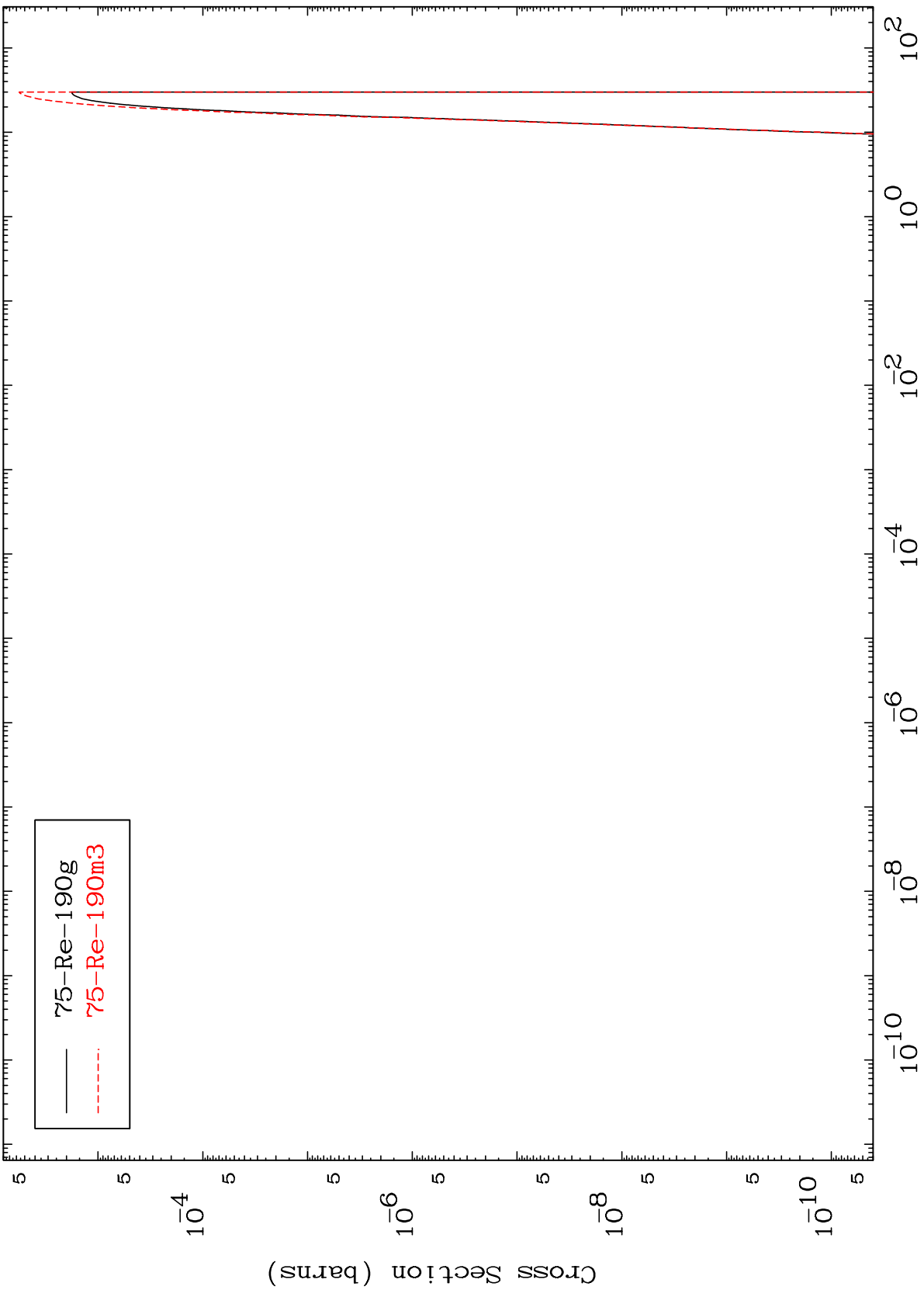


MAT 7734

$(n, n') \alpha$

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

Radionuclide Production Cross Section

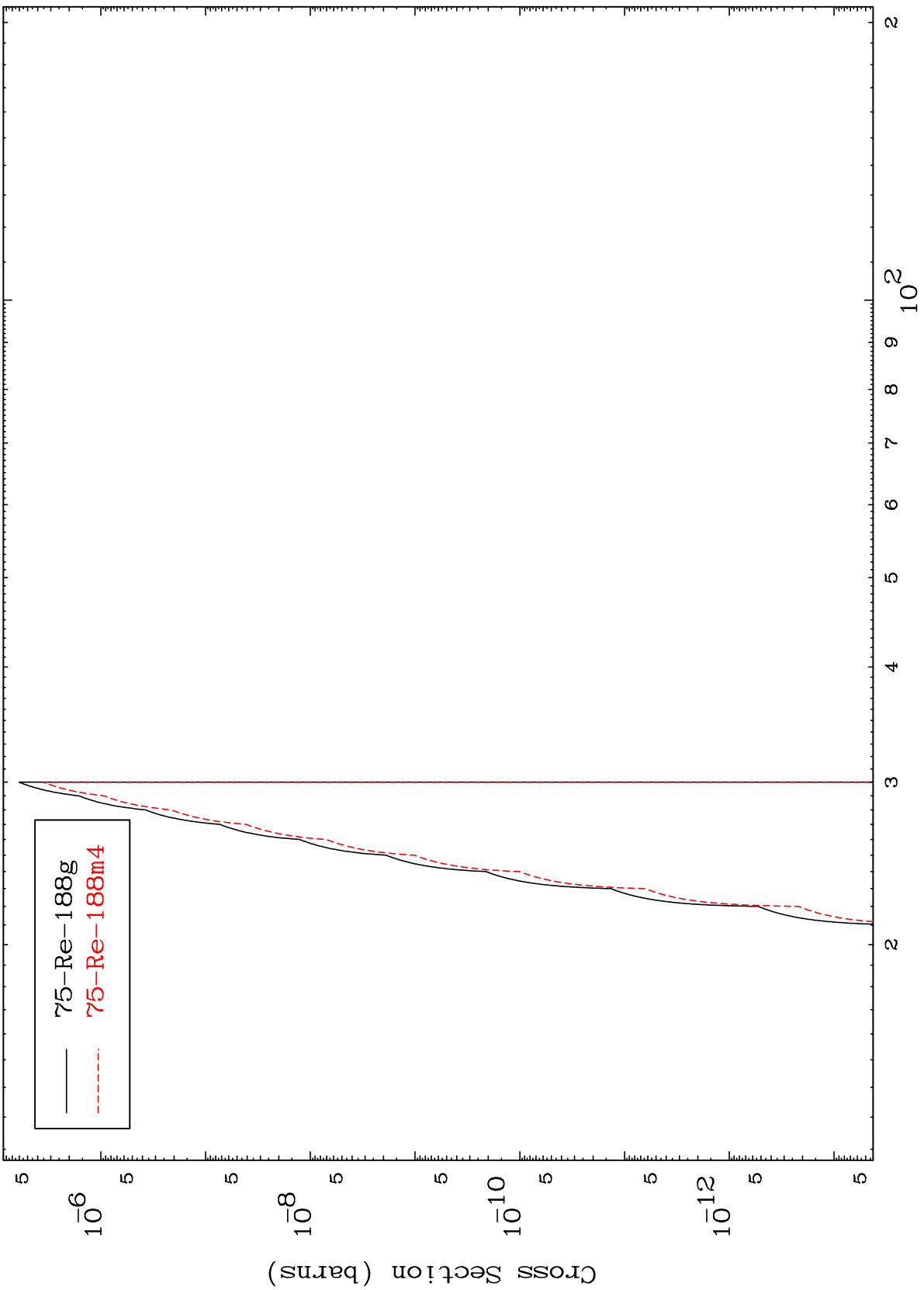


MAT 7734

$(n,3n) \alpha$

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

Radionuclide Production Cross Section



126

Incident Energy (MeV)

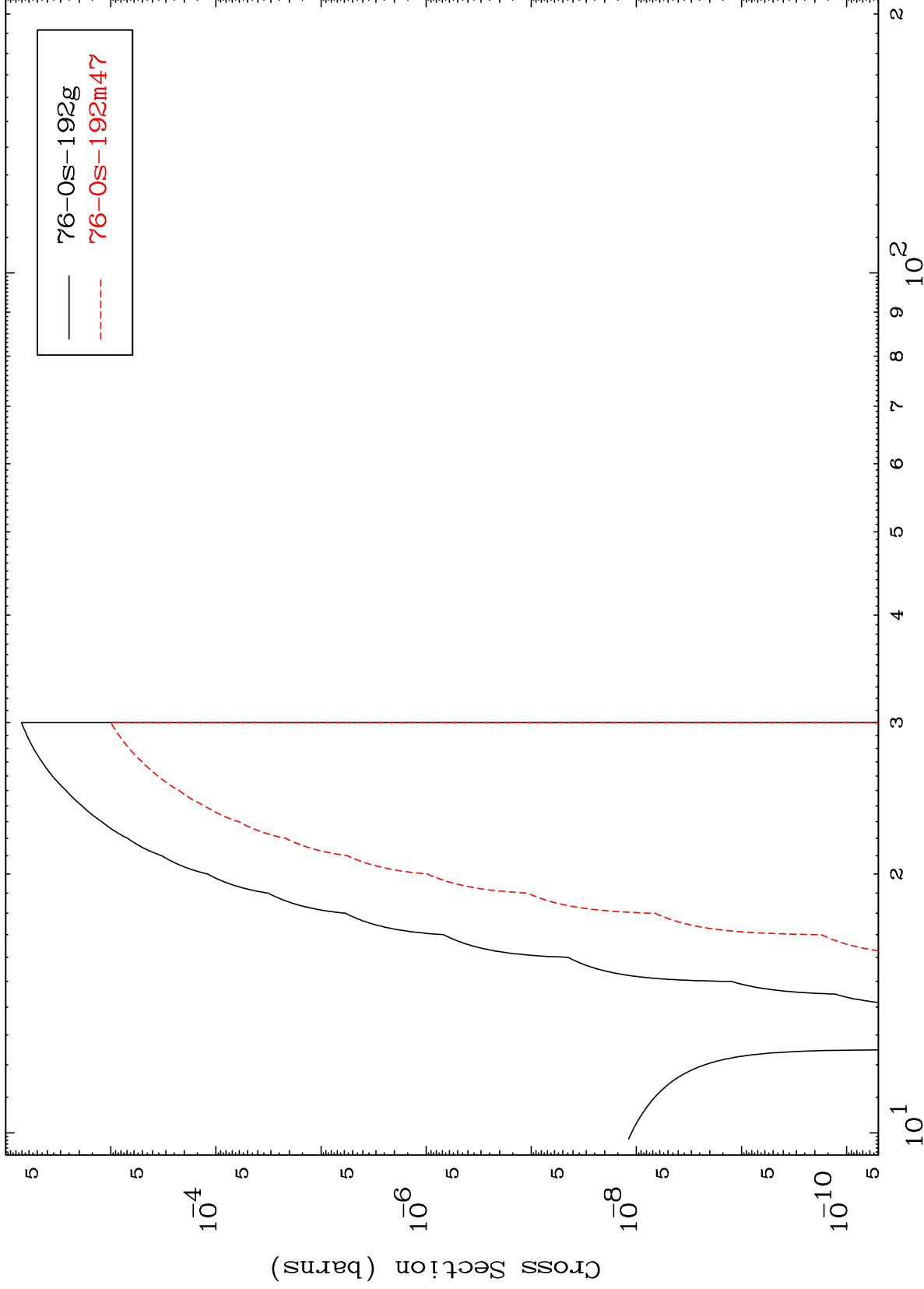
$^{77}\text{Ir-194}$

MAT 7734

(n,n') d

77-Ir-194

Radionuclide Production Cross Section



Incident Energy (MeV)

77-Ir-194

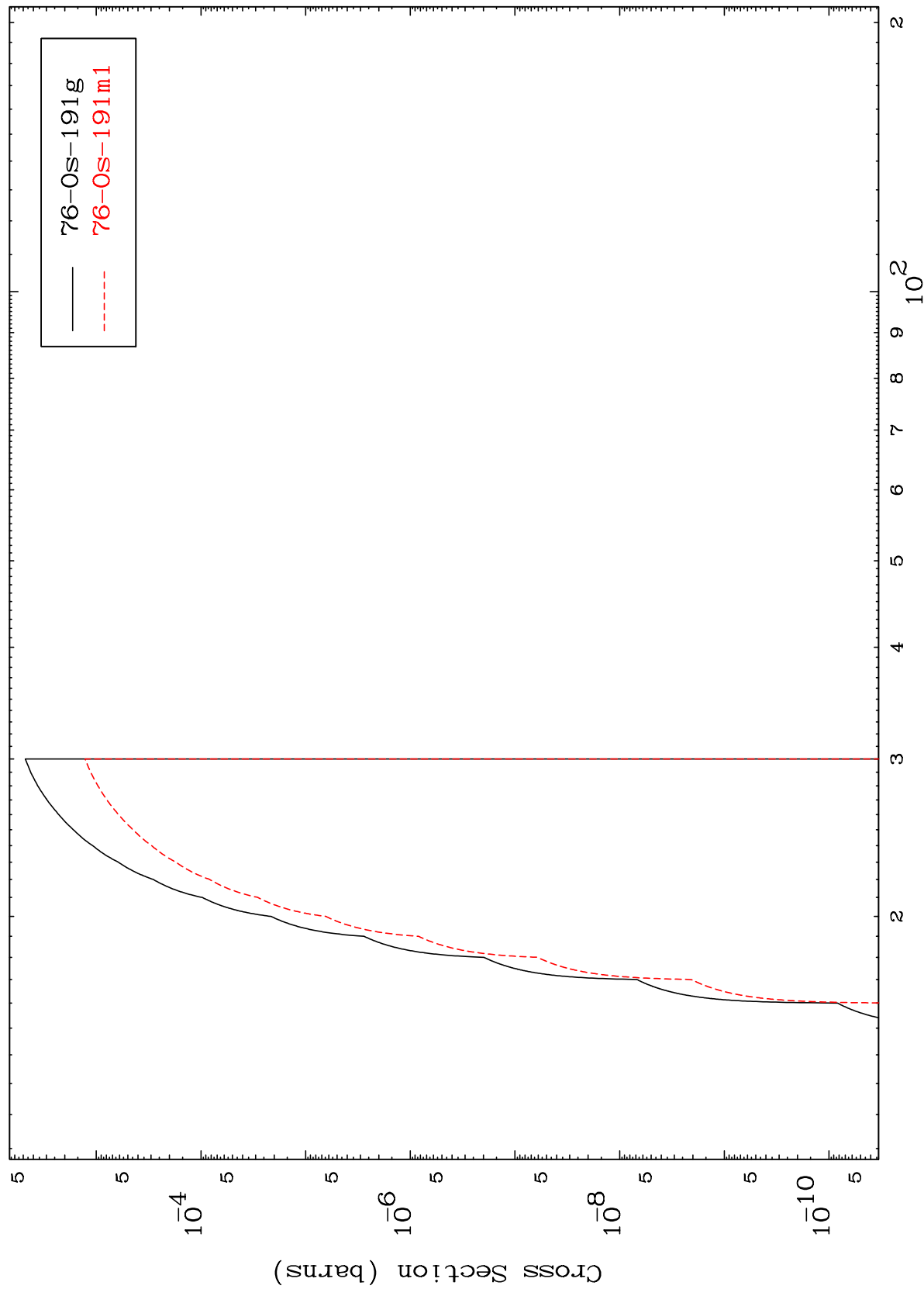
127

MAT 7734

(n,n') t

77-Ir-194

Radionuclide Production Cross Section

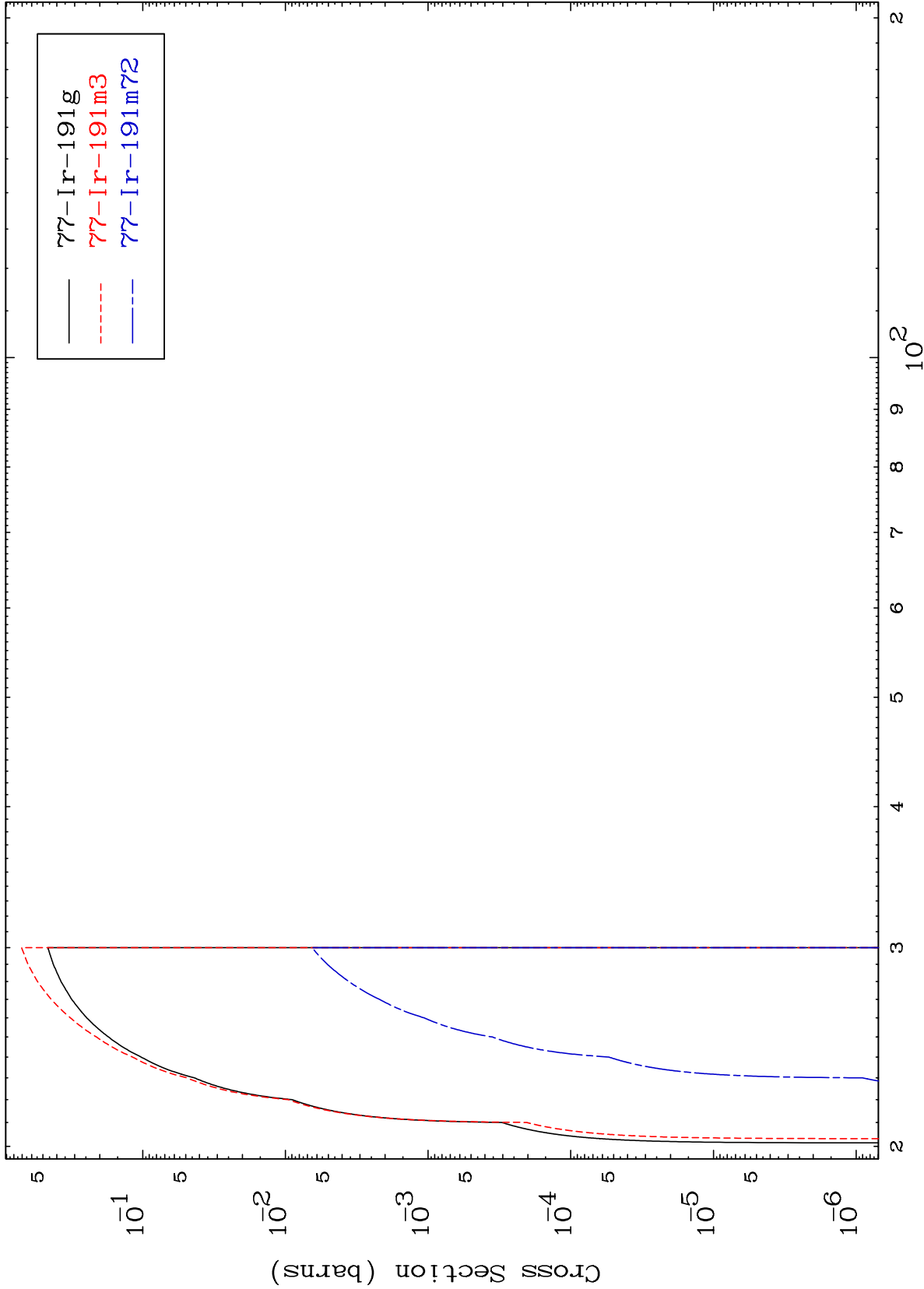


128

Incident Energy (MeV)

77-Ir-194

Radionuclide Production Cross Section

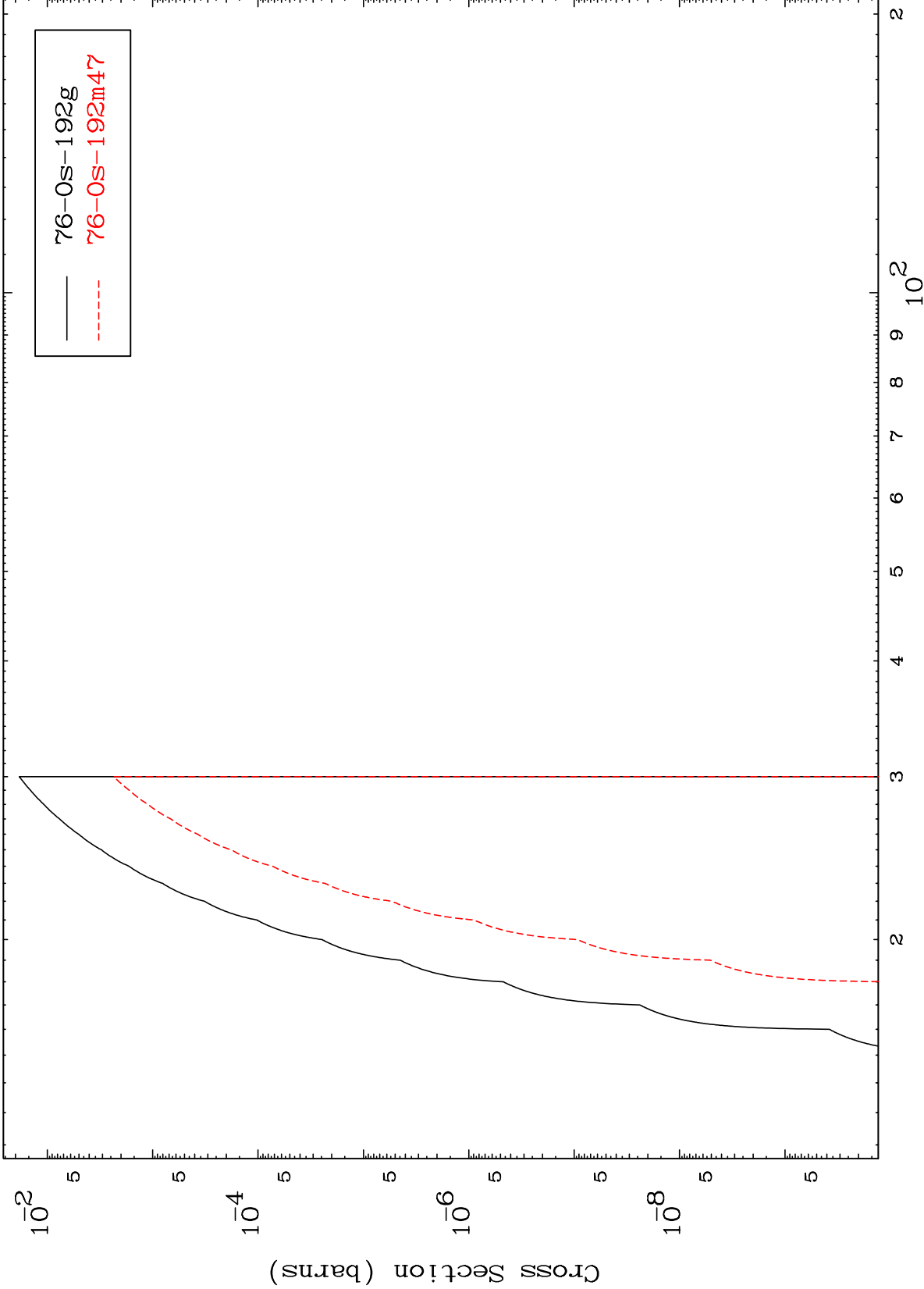


MAT 7734

(n,2n) p

77-Ir-194

Radionuclide Production Cross Section



130

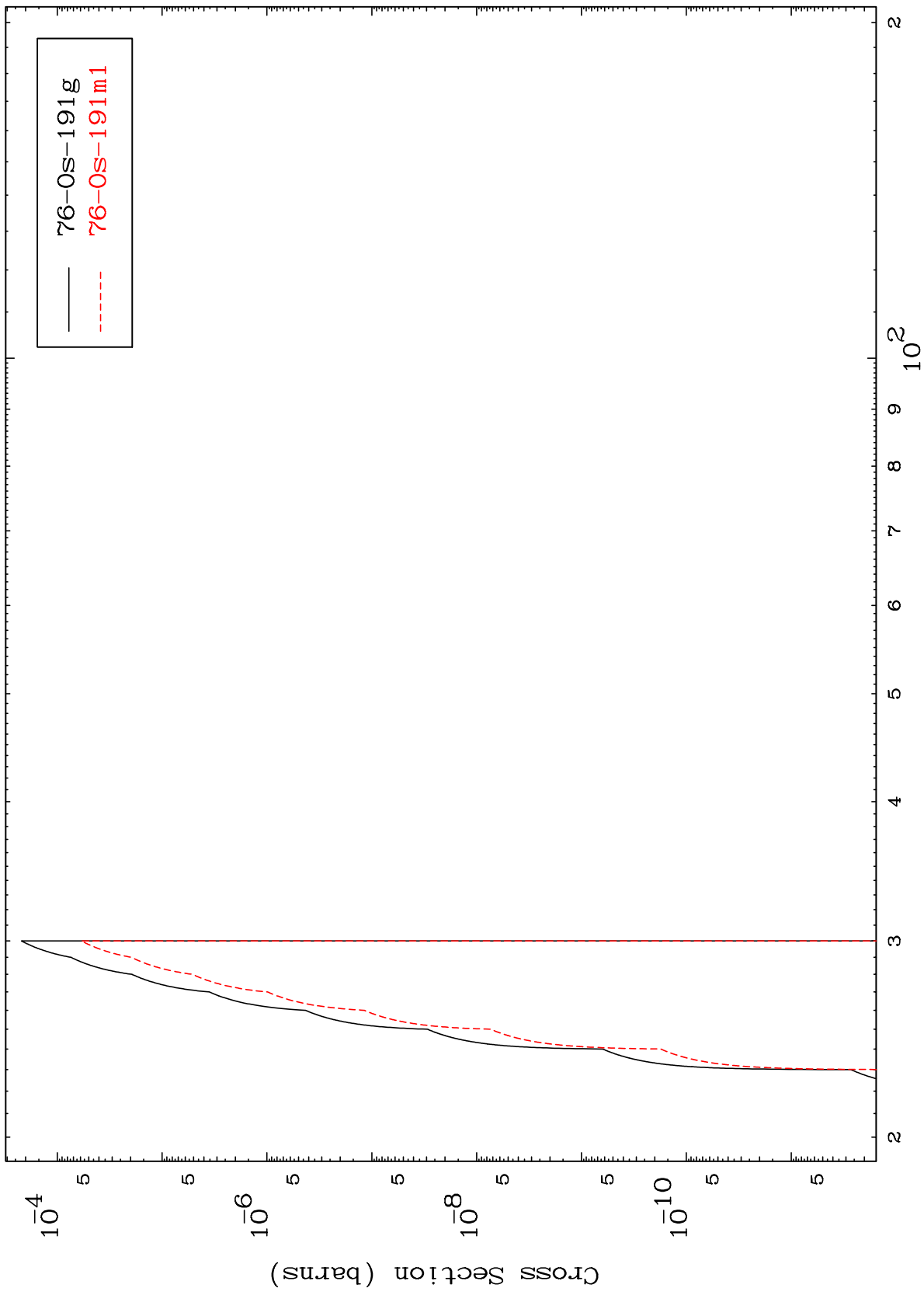
Incident Energy (MeV)

77-Ir-194

MAT 7734

77-Ir-194

(n,3n) p
Radionuclide Production Cross Section

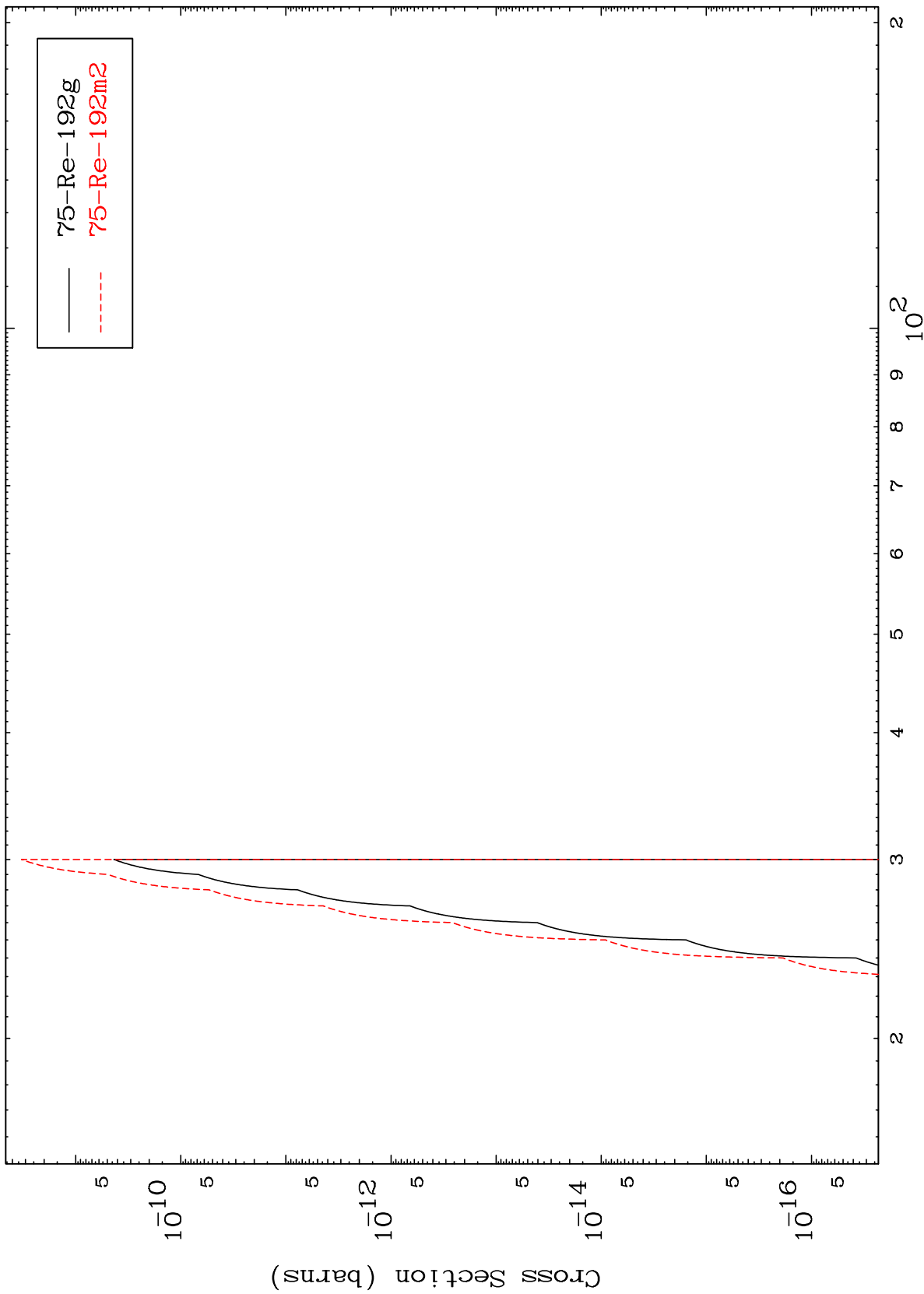


131

Incident Energy (MeV)

77-Ir-194

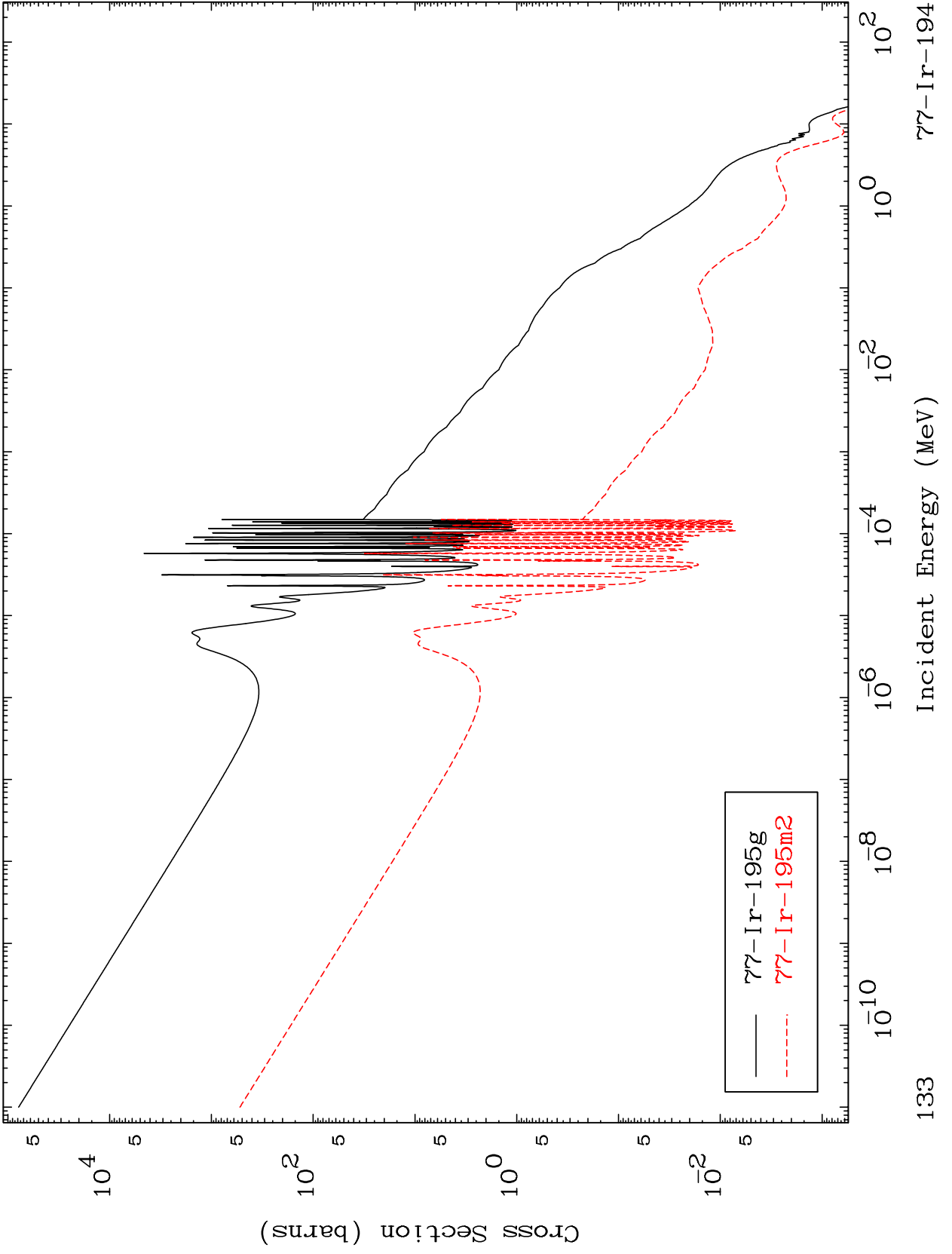
(n,2n) p
Radionuclide Production Cross Section



MAT 7734

⁷⁷Ir-194

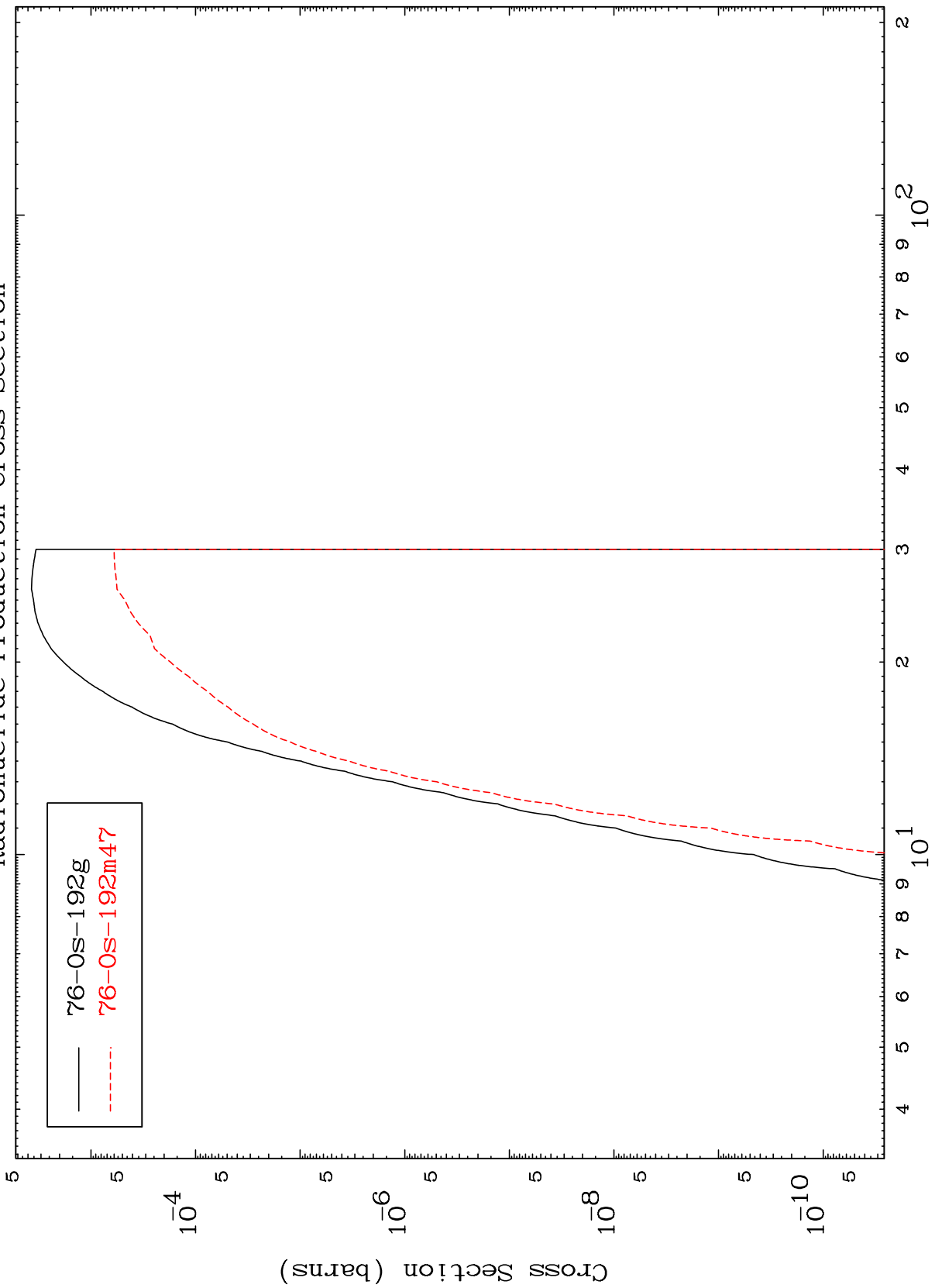
(n,γ)
Radionuclide Production Cross Section



MAT 7734

77-Ir-194

(n, t)
Radionuclide Production Cross Section



— 76-Os-192g
- - - 76-Os-192m47

134

Incident Energy (MeV)

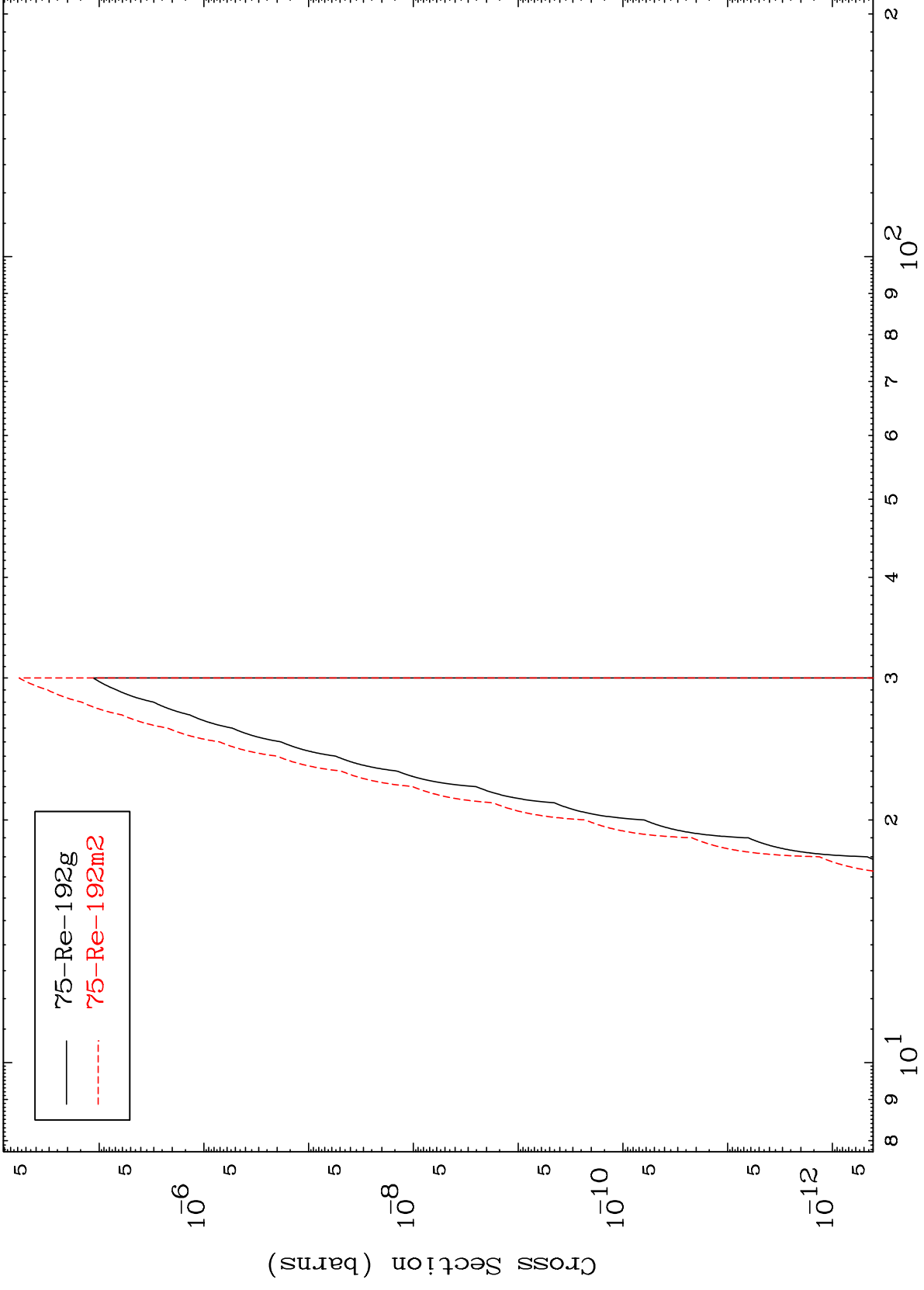
77-Ir-194

MAT 7734

(n,He-3)

77-Ir-194

Radionuclide Production Cross Section



135

Incident Energy (MeV)

77-Ir-194