

Program EVALPLOT
(Version 2018-1)

by

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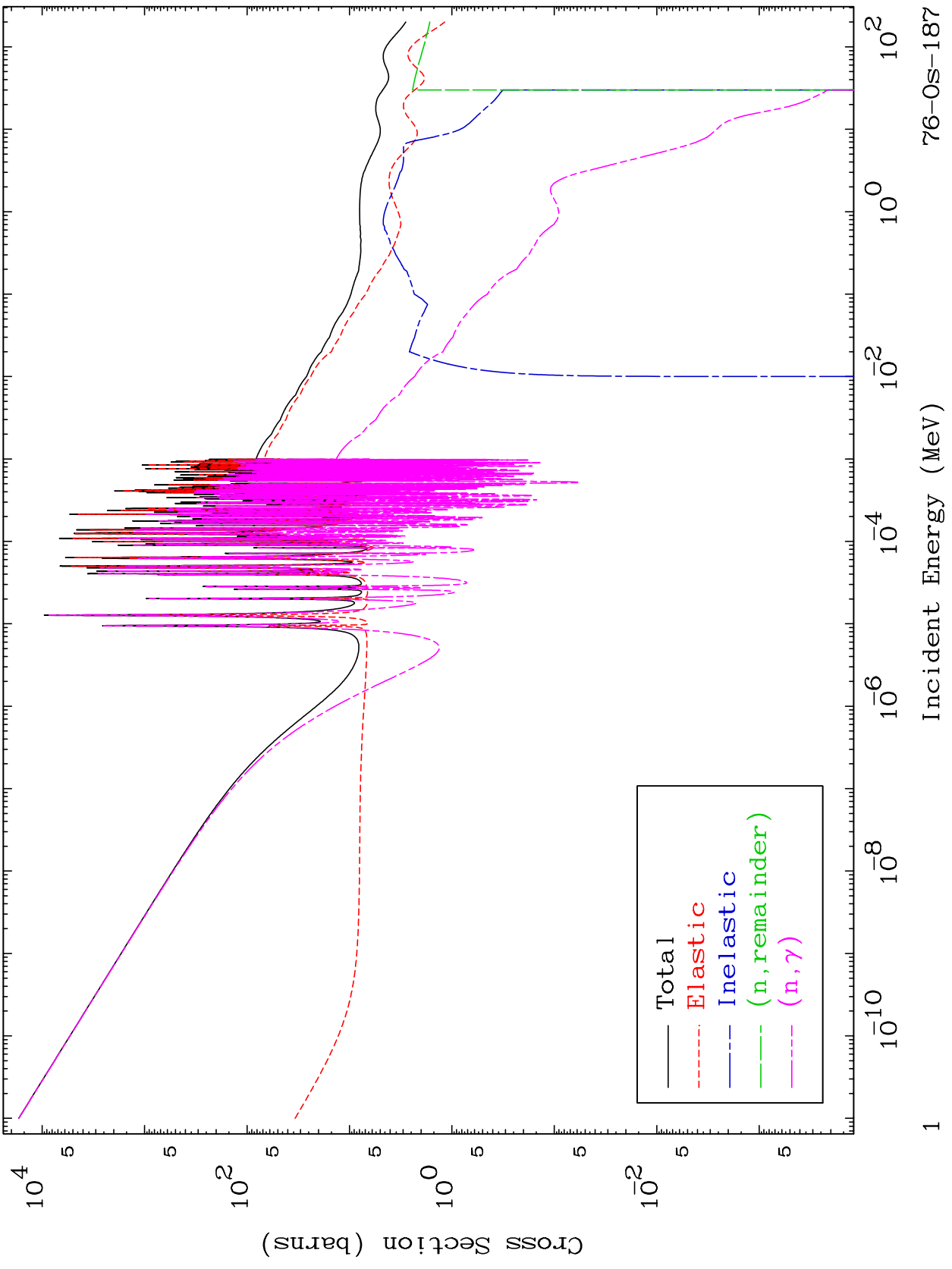
Press Mouse Button to Start

MAT 7634

Major

293 Kelvin Cross Sections

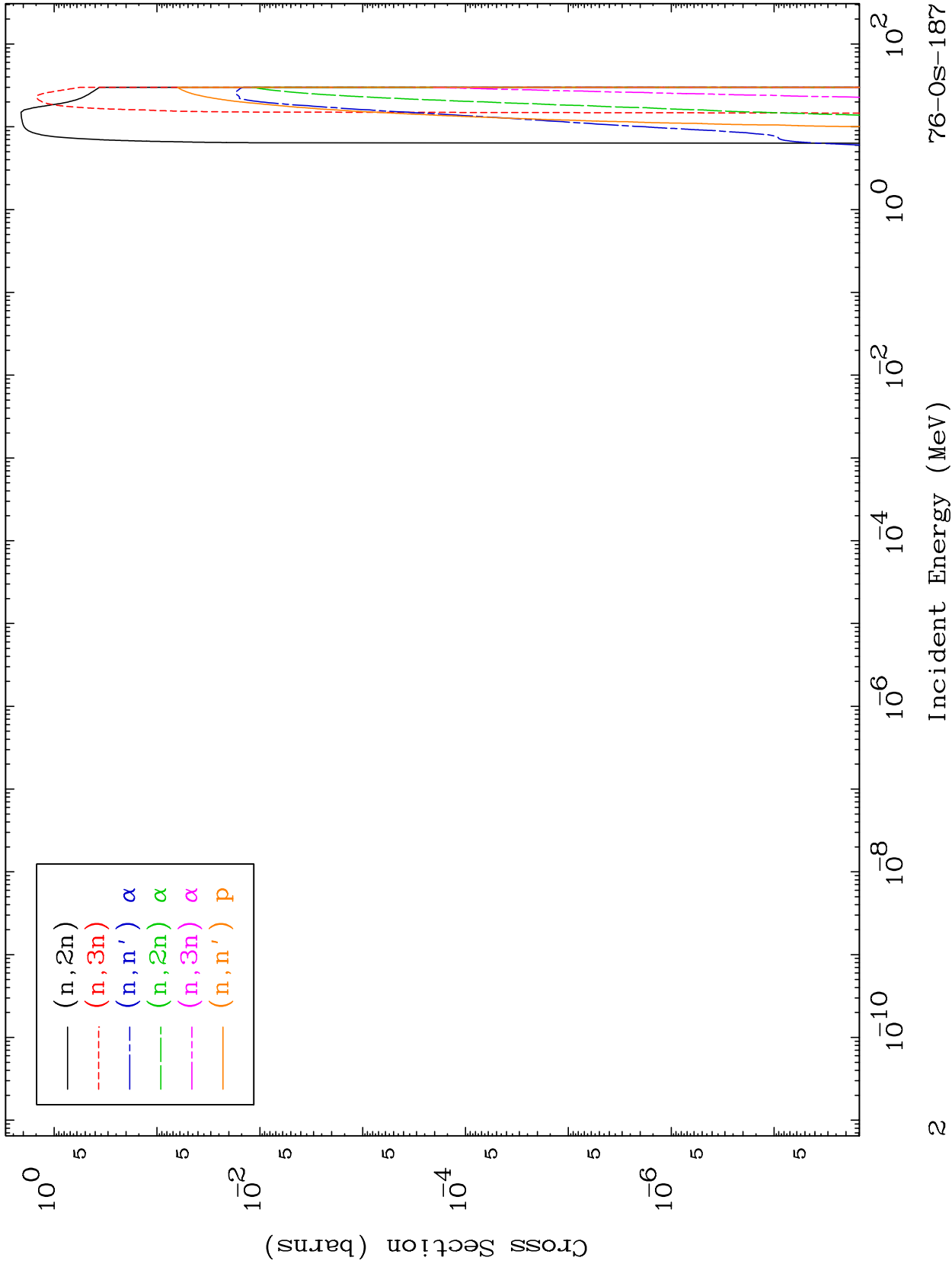
76-Os-187

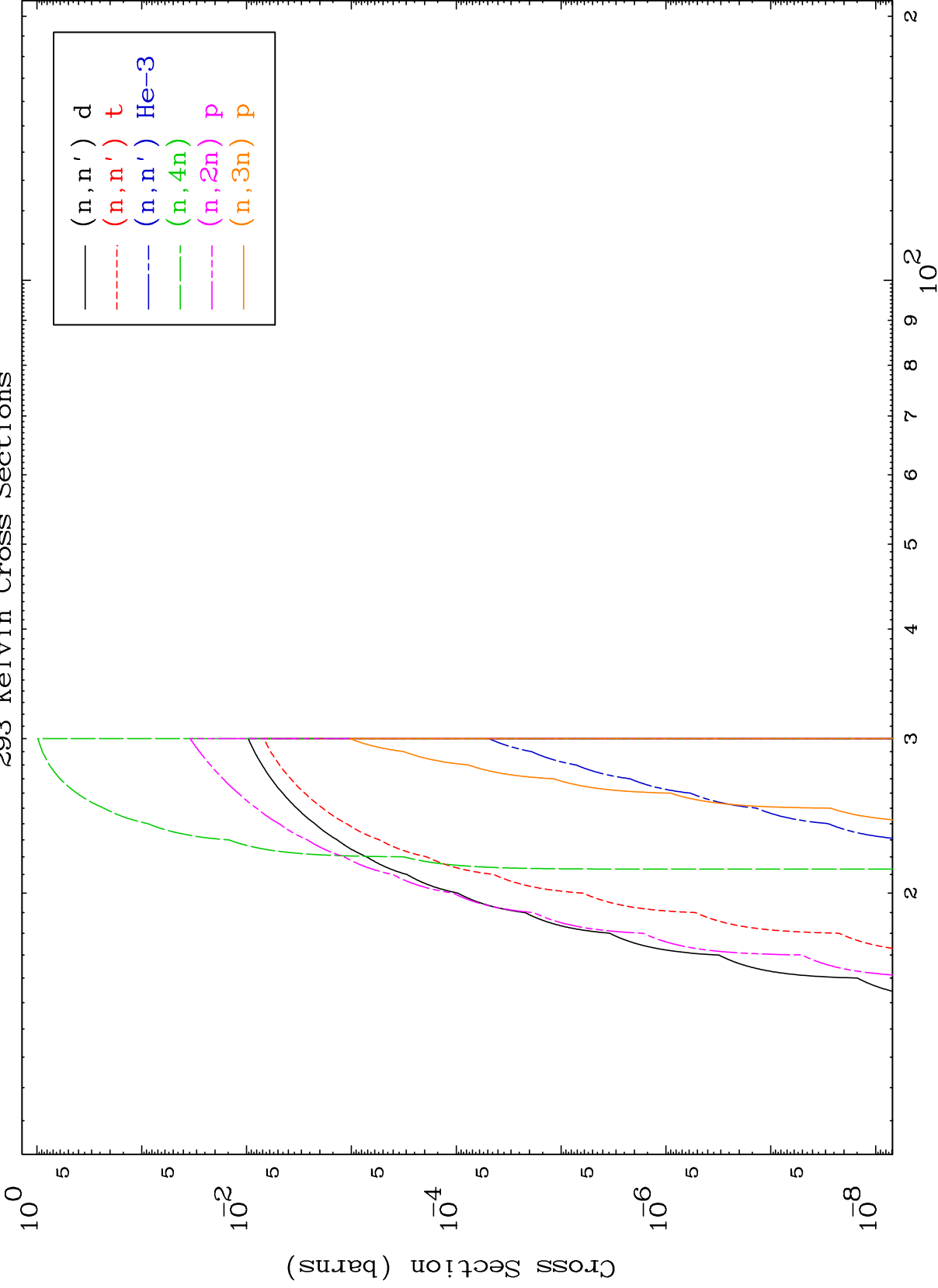


MAT 7634

Neutron Production
293 Kelvin Cross Sections

76-Os-187

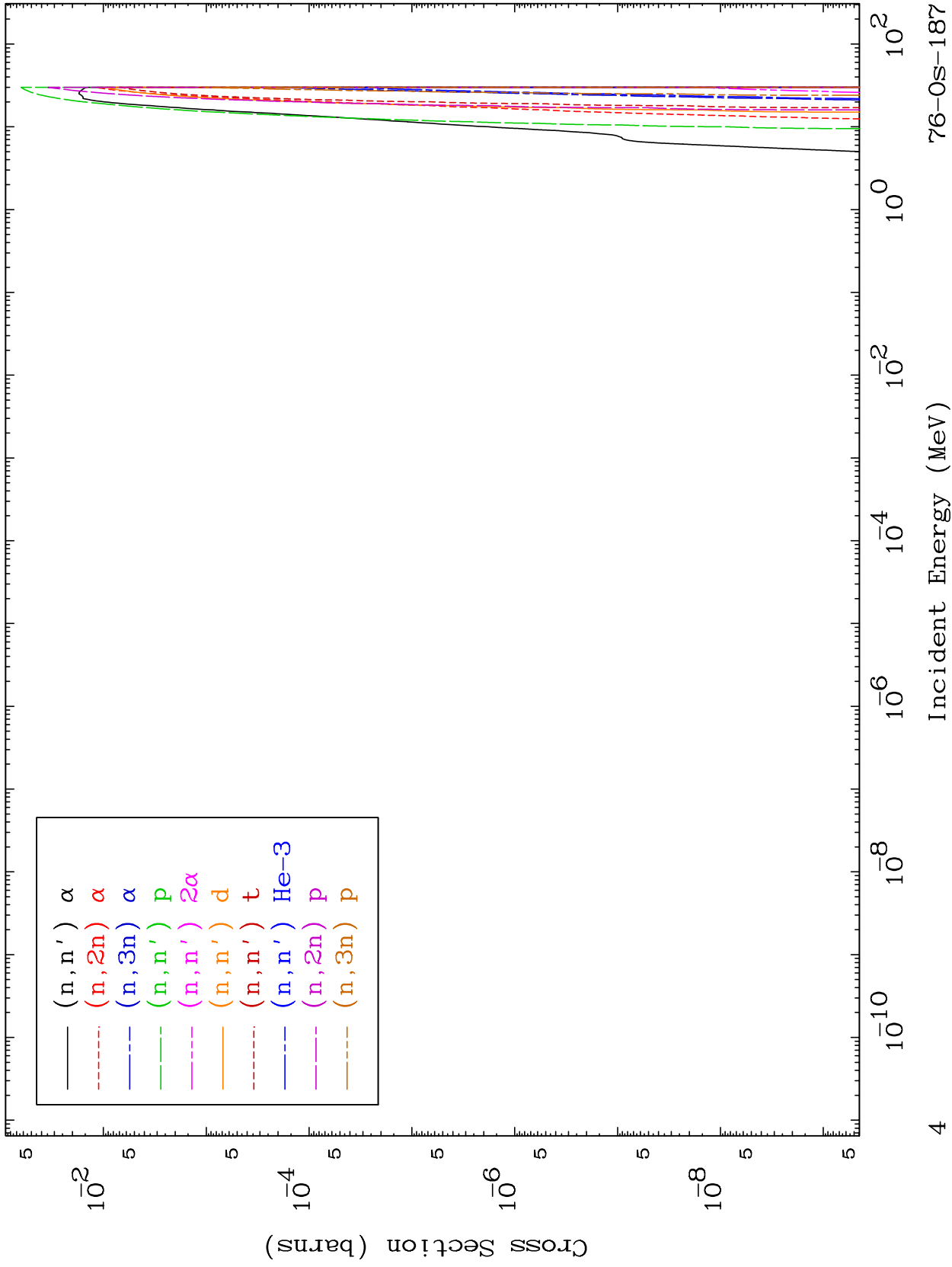




MAT 7634

Charged Particle
293 Kelvin Cross Sections

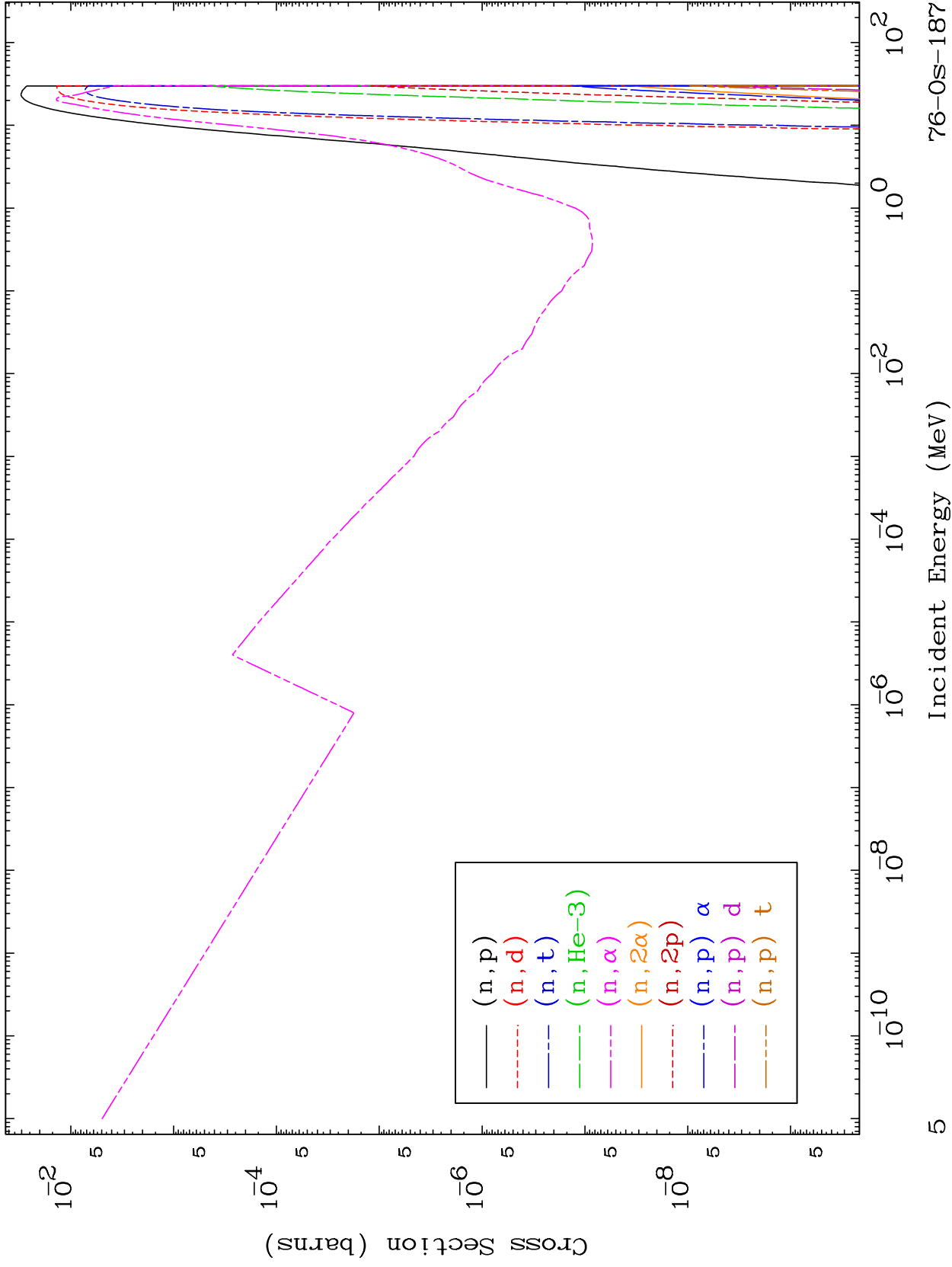
76-Os-187



MAT 7634

Charged Particle
293 Kelvin Cross Sections

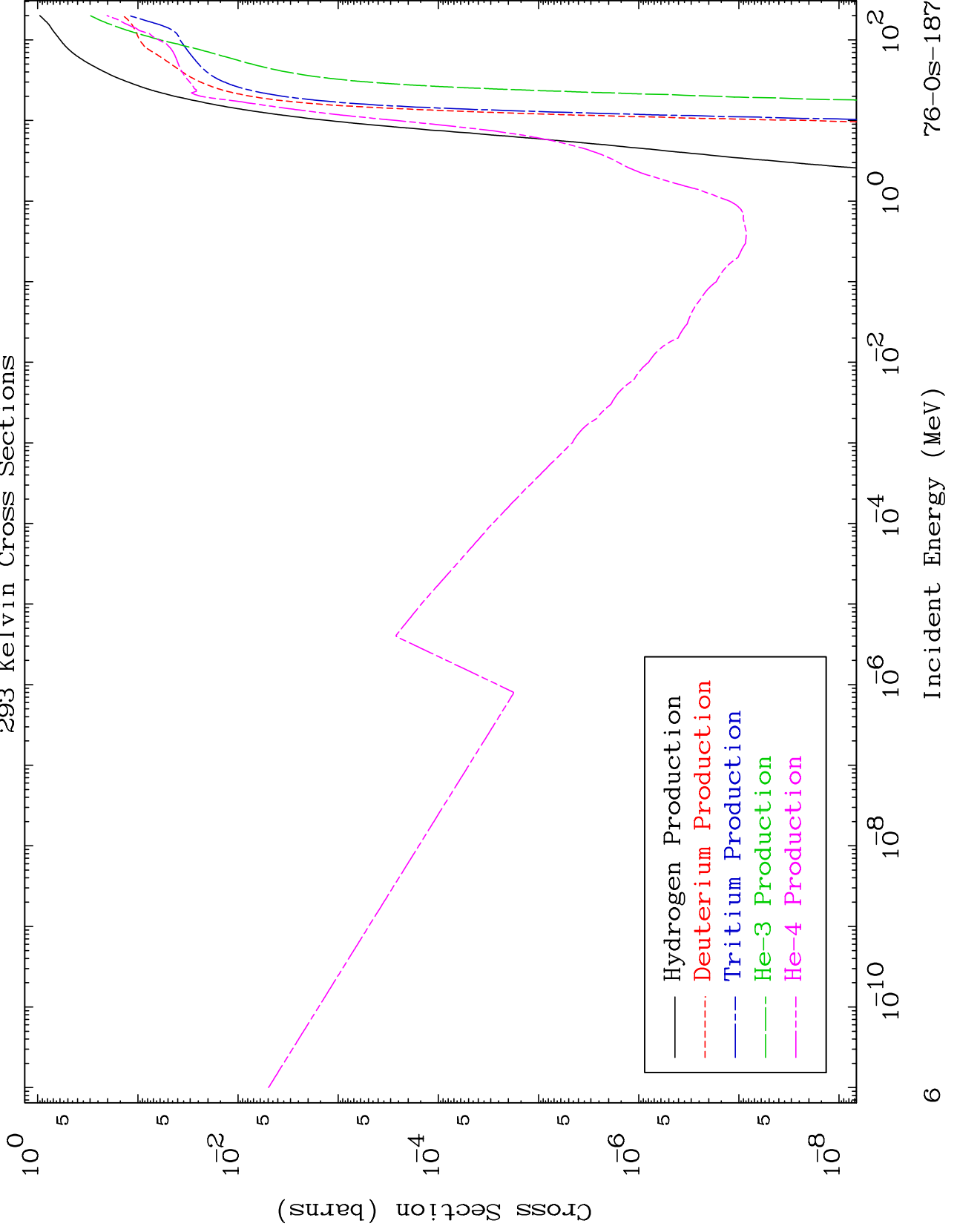
76-Os-187



MAT 7634

Particle Production
293 Kelvin Cross Sections

76-Os-187



MAT 7634

(n,n') Level

76-Os-187

293 Kelvin Cross Sections

10^9

10^6

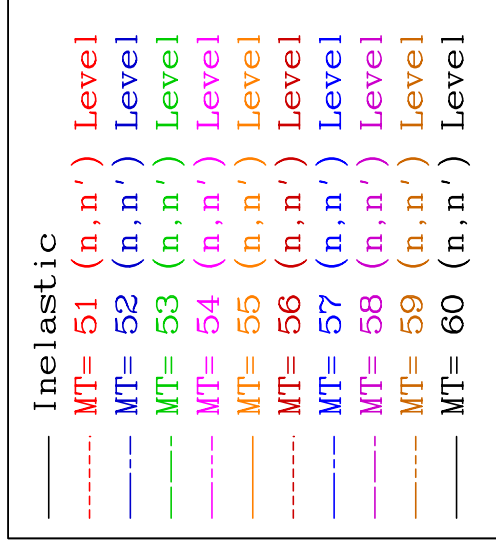
10^3

10^0

10^{-3}

10^{-6}

Cross Section (barns)



10^{-2}

5

10^0

5

10^1

5

10^2

7

Incident Energy (MeV)

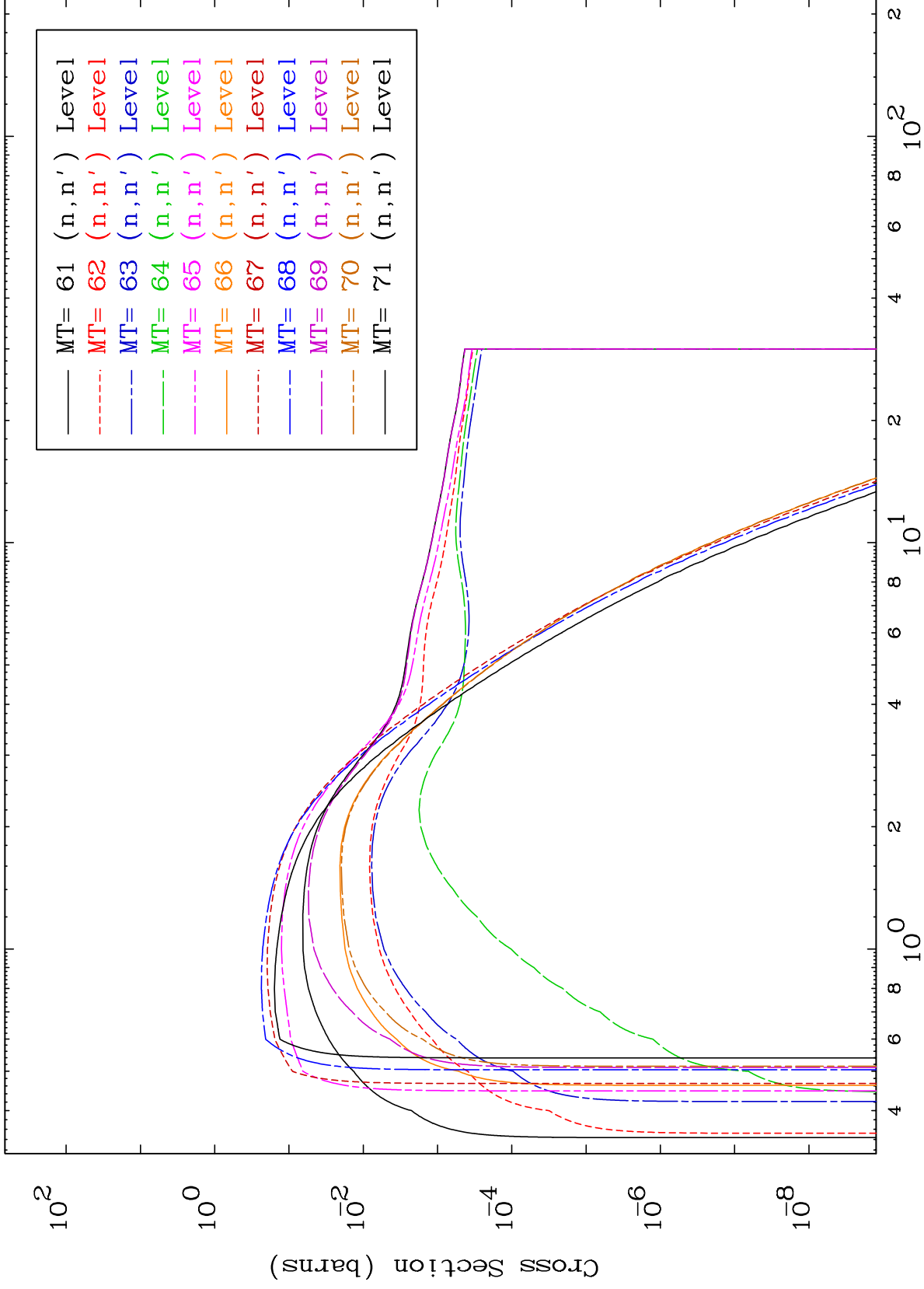
76-Os-187

MAT 7634

(n,n') Level

76-Os-187

293 Kelvin Cross Sections



8

Incident Energy (MeV)

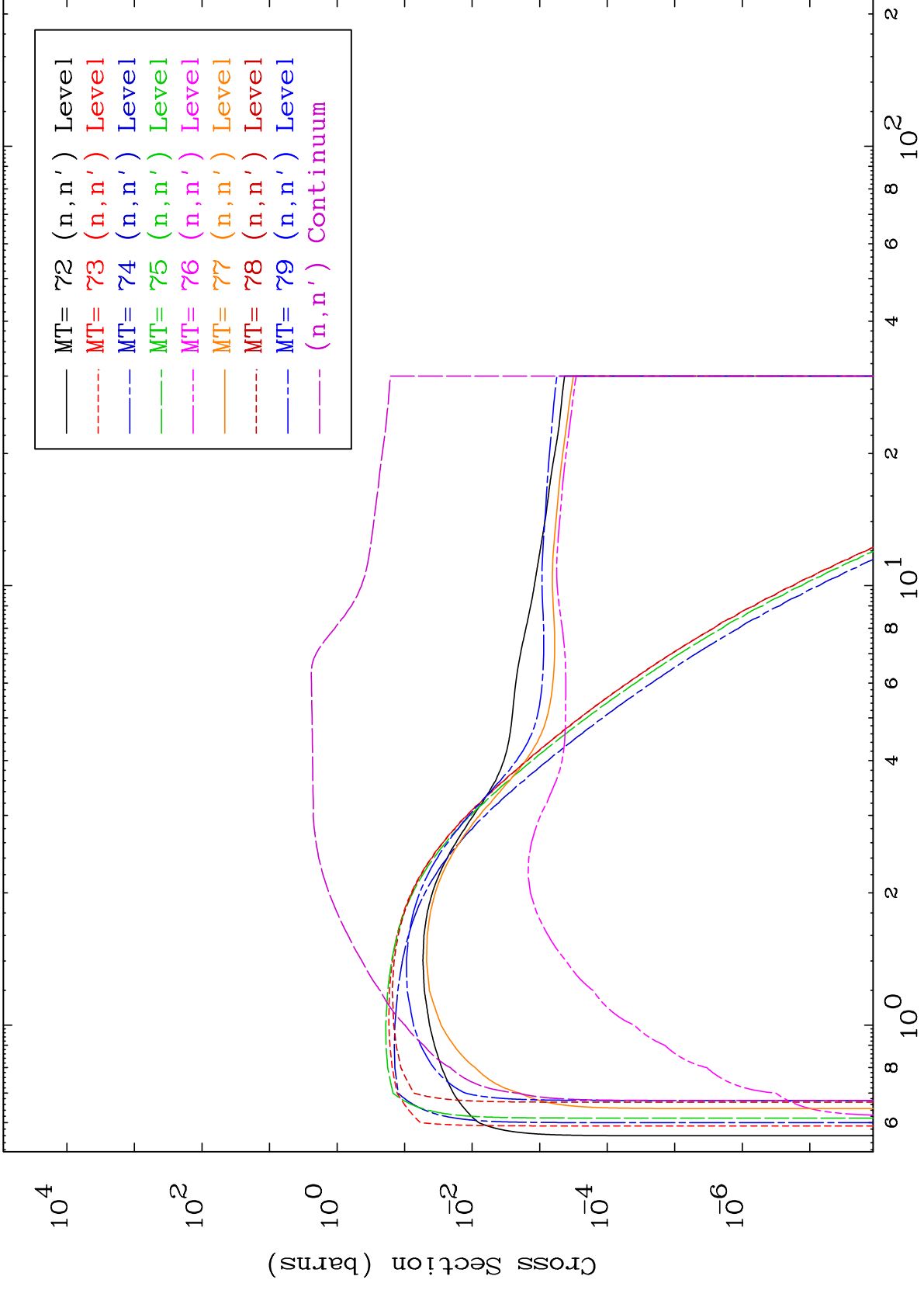
76-Os-187

MAT 7634

(n,n') Level

76-Os-187

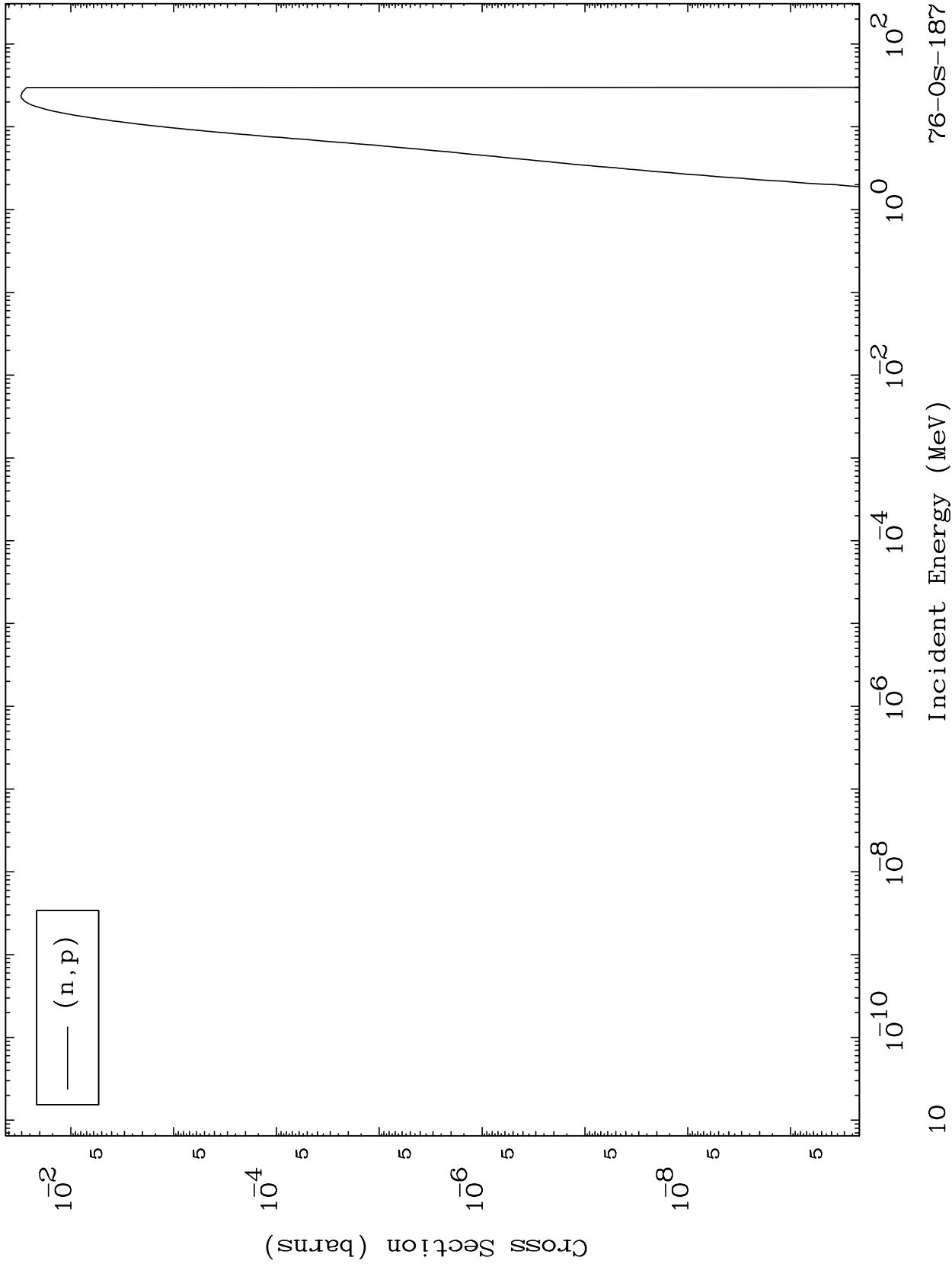
293 Kelvin Cross Sections



MAT 7634

(n,p) Levels
293 Kelvin Cross Sections

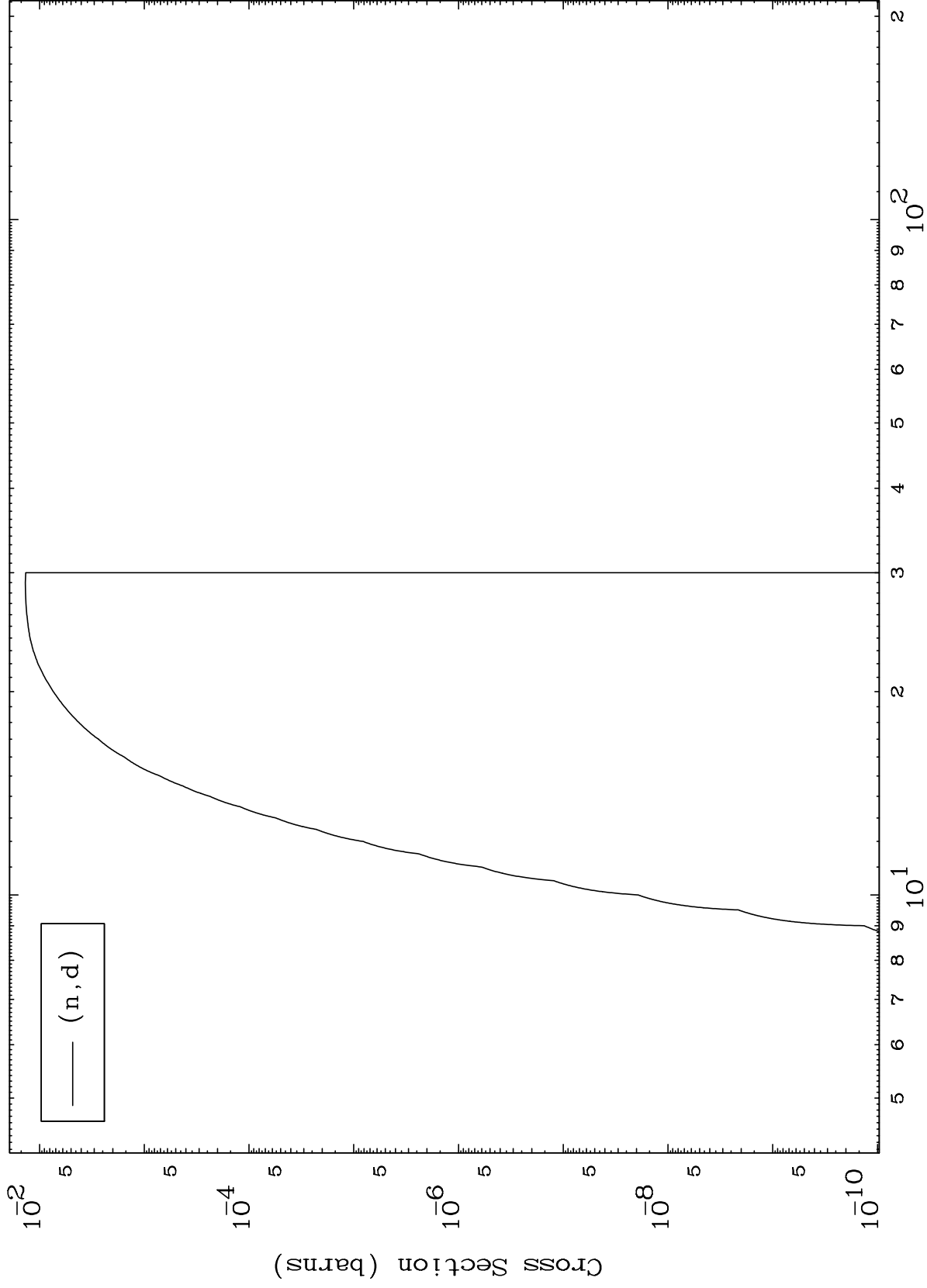
76-Os-187



MAT 7634

(n,d) Levels
293 Kelvin Cross Sections

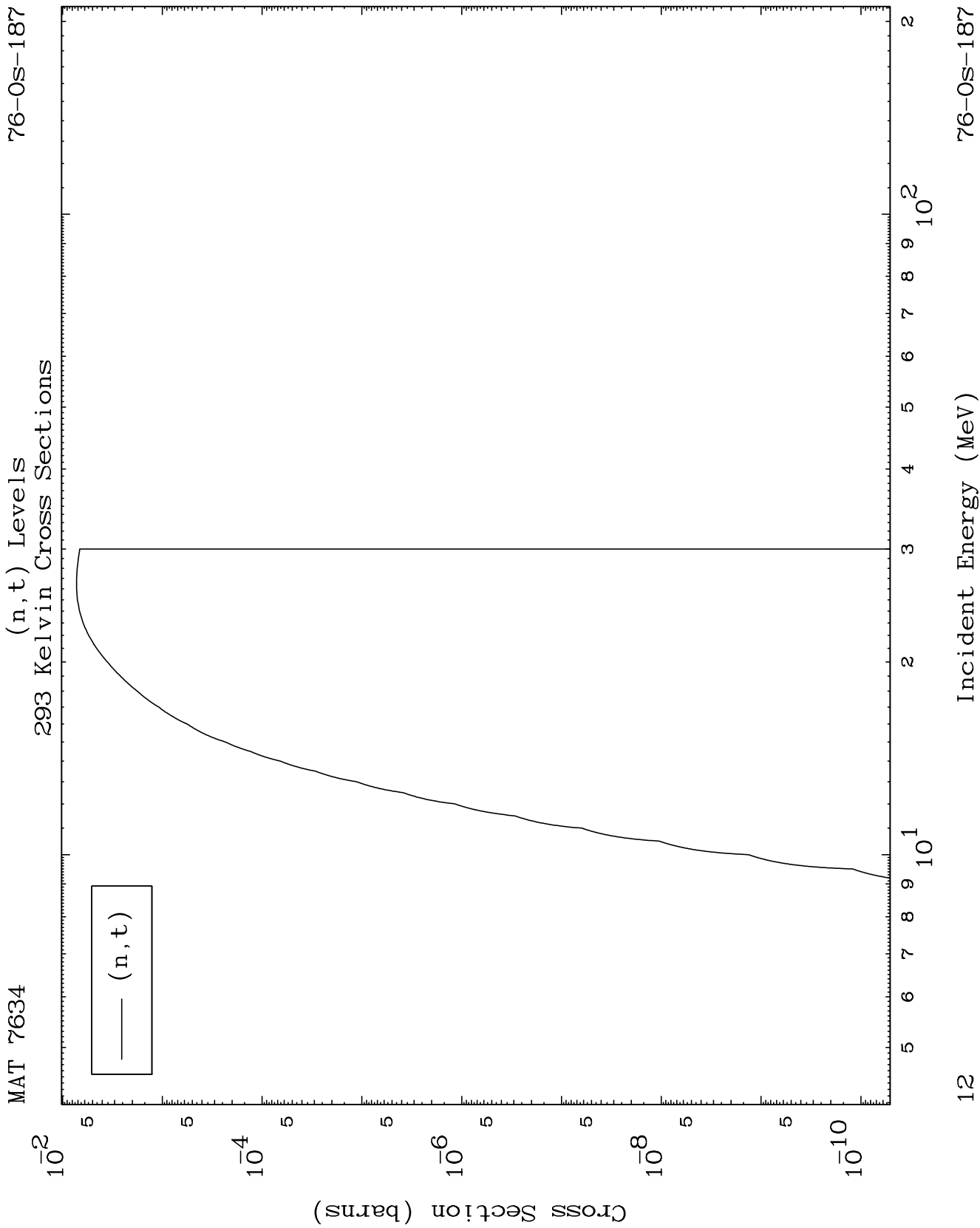
76-Os-187



11

Incident Energy (MeV)

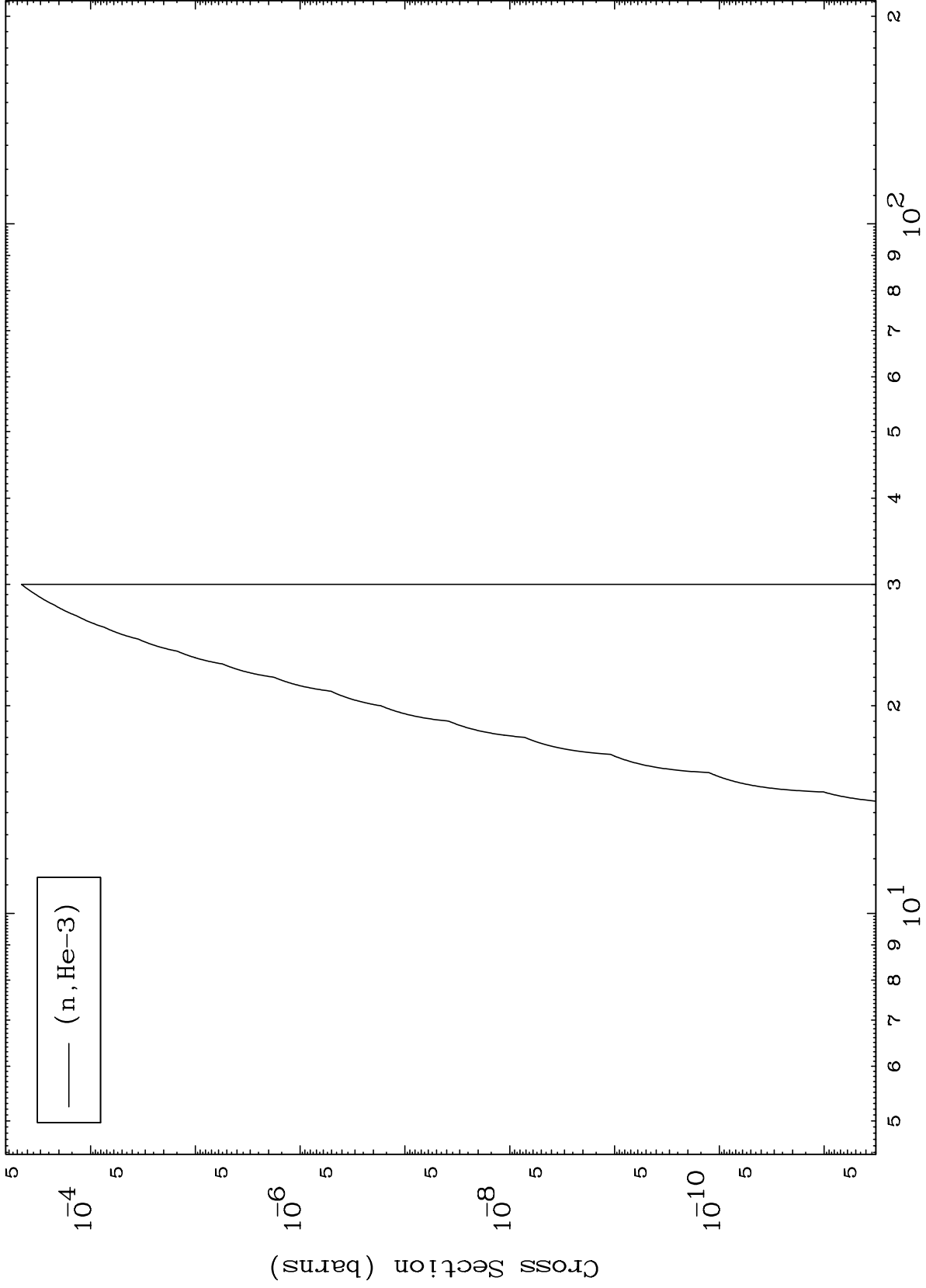
76-Os-187



MAT 7634

(n,He3) Levels
293 Kelvin Cross Sections

76-Os-187



76-Os-187

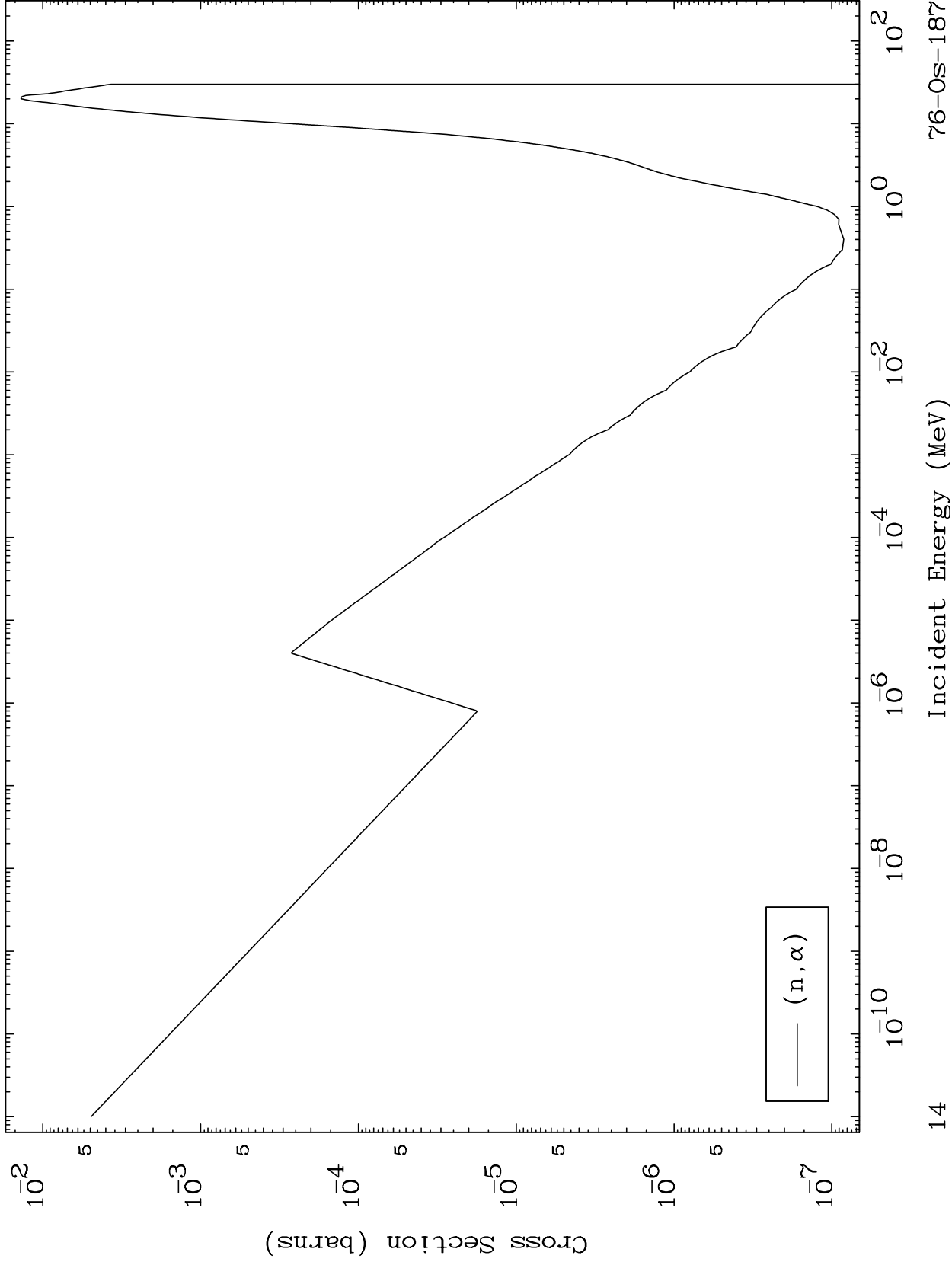
Incident Energy (MeV)

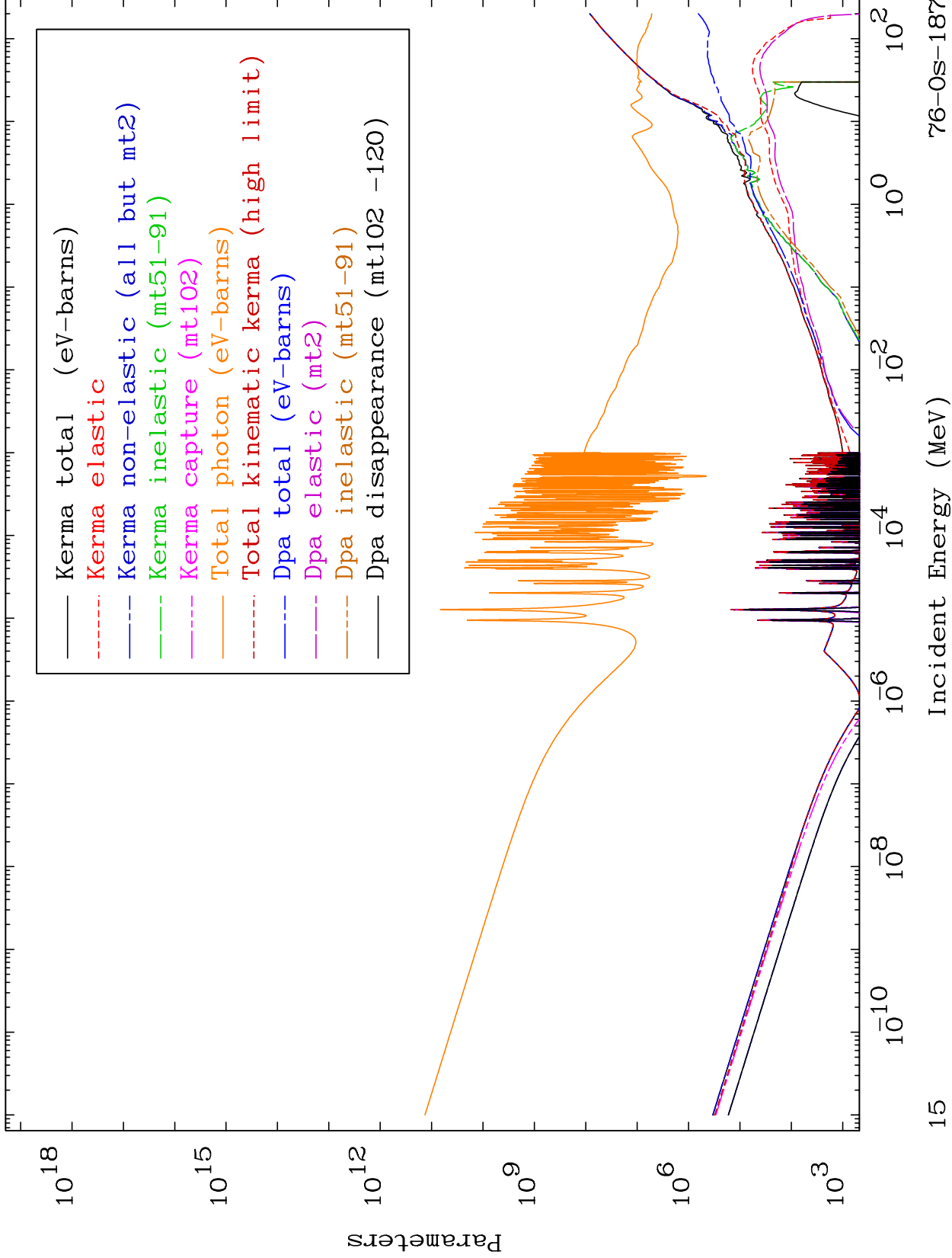
13

MAT 7634

(n,α) Levels
293 Kelvin Cross Sections

76-Os-187

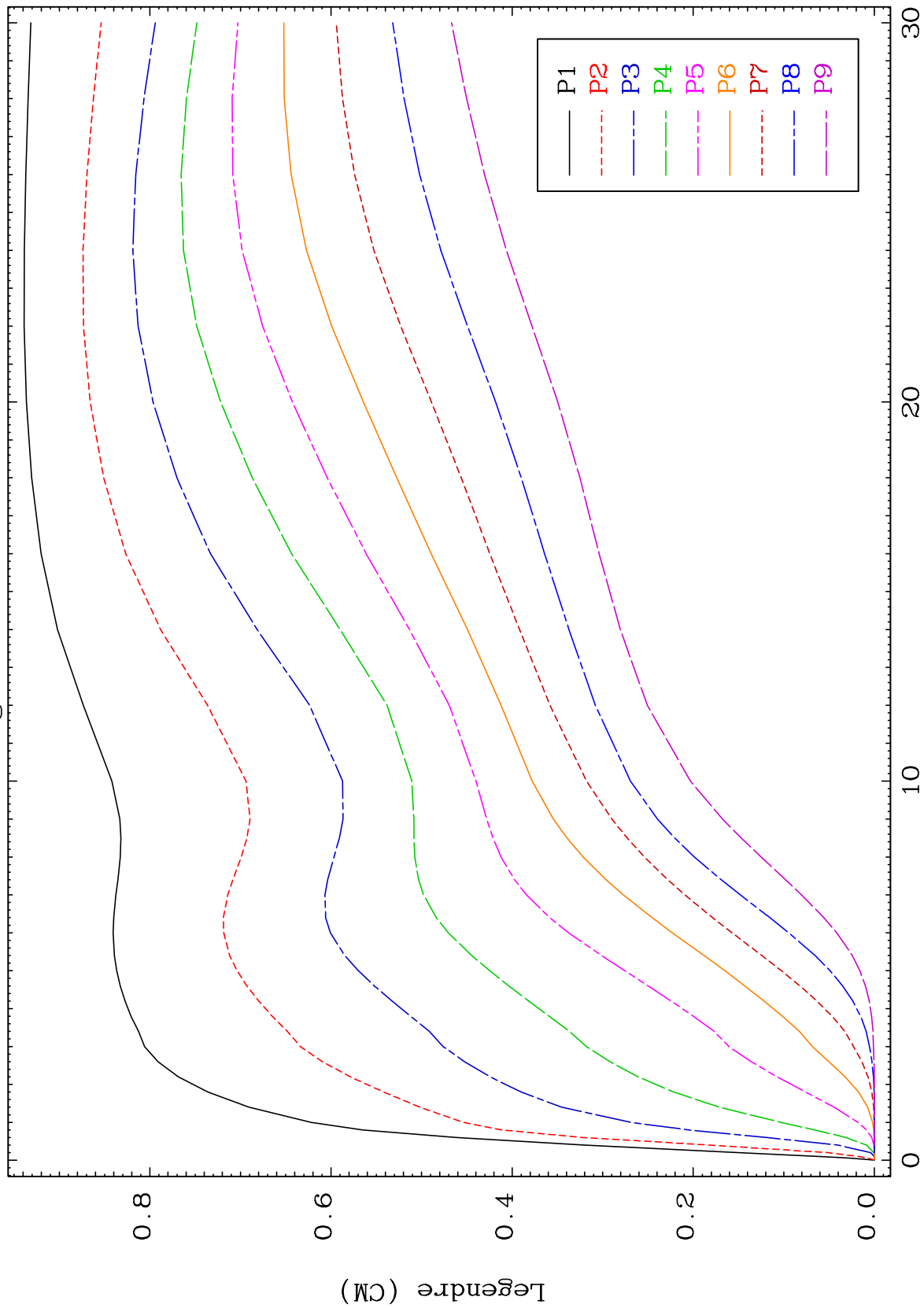




MAT 7634

Elastic Legendre Coefficients

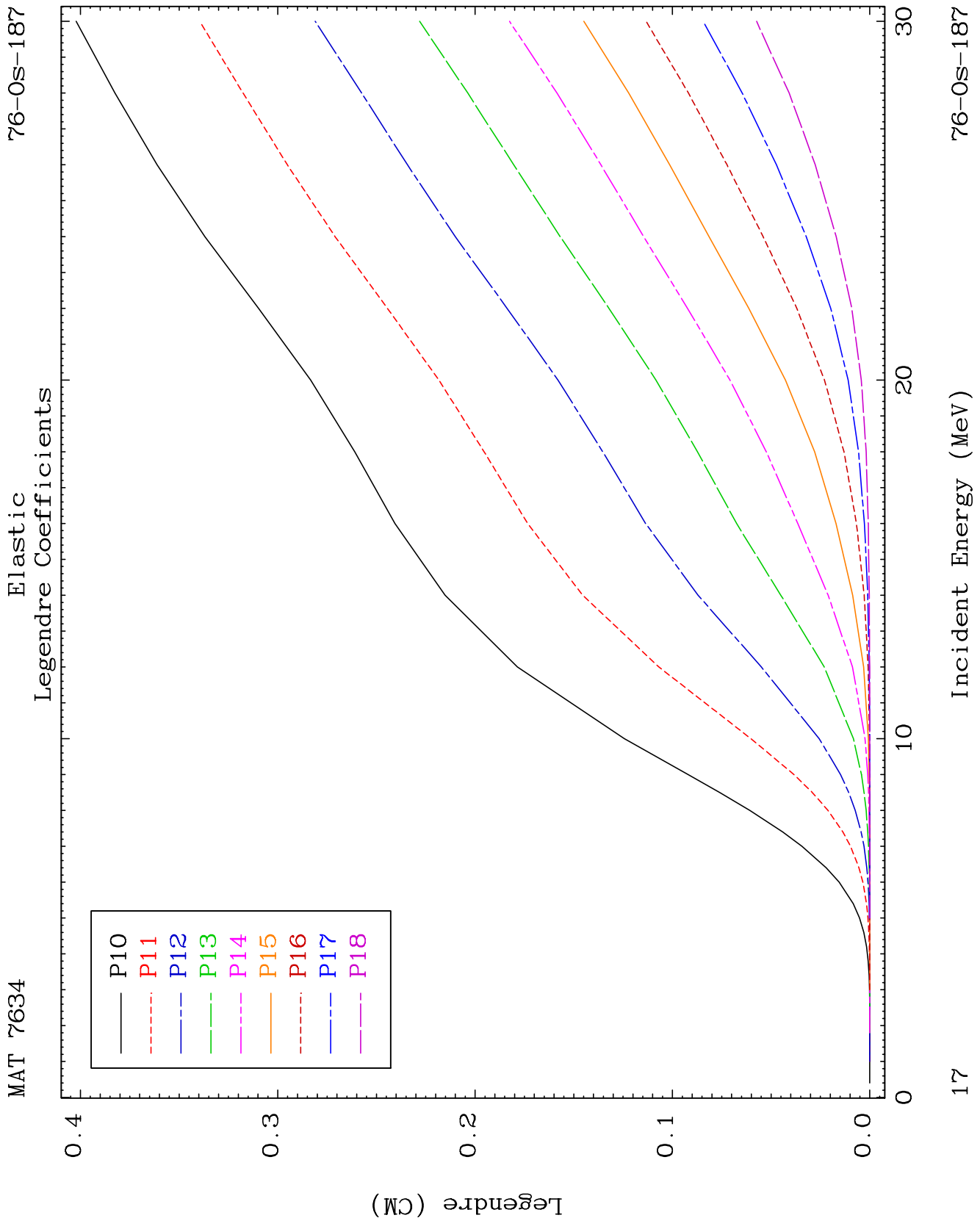
76-Os-187



16

Incident Energy (MeV)

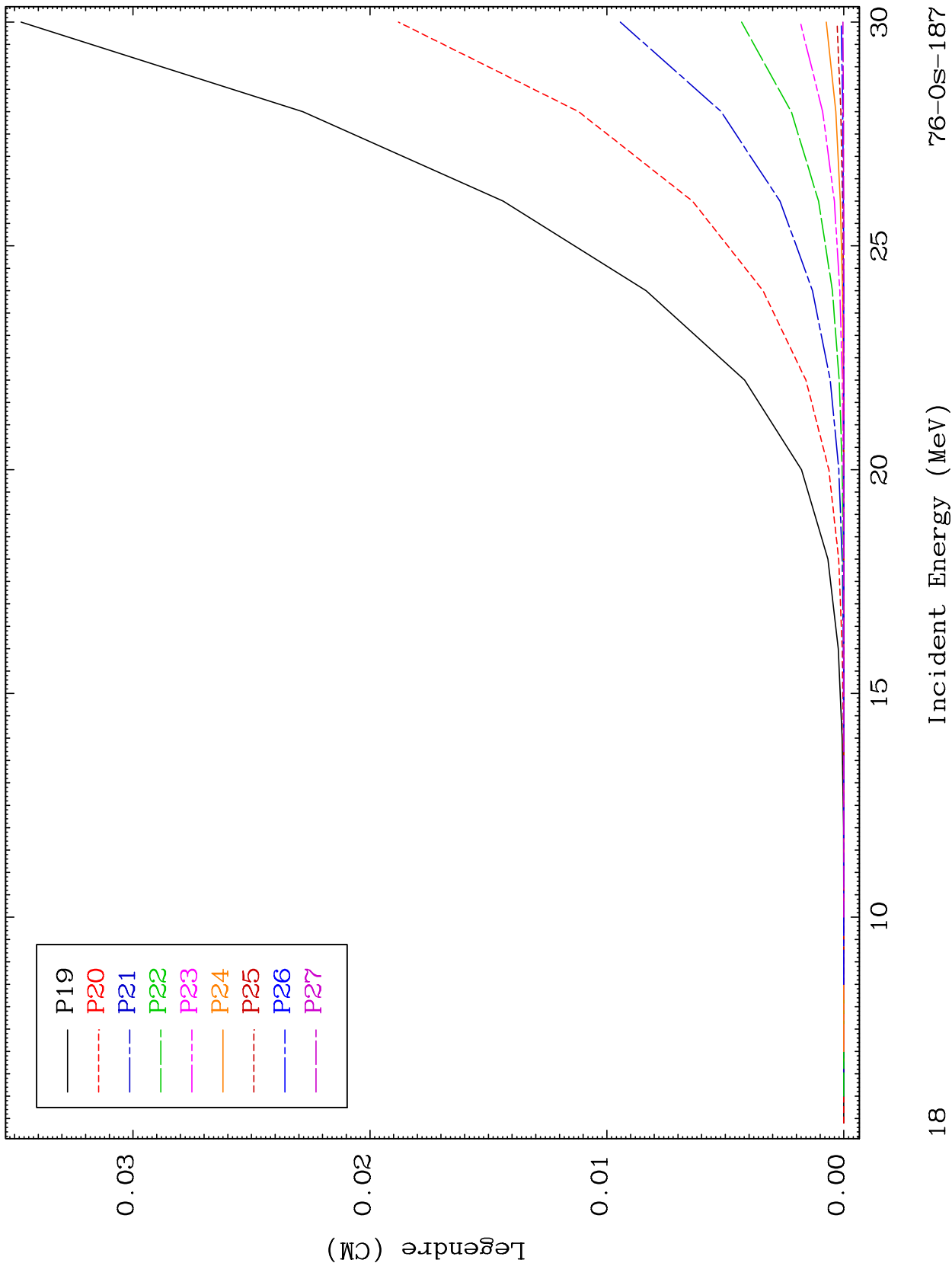
76-Os-187



MAT 7634

Elastic Legendre Coefficients

76-Os-187



18

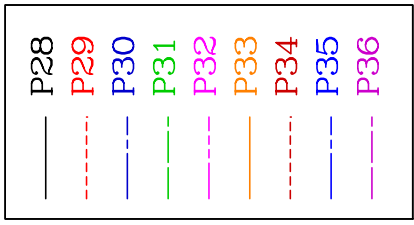
Incident Energy (MeV)

76-Os-187

MAT 7634

Elastic Legendre Coefficients

76-Os-187



$\times 10^{-5}$

1.2

Legendre (CM)

0.8

0.4

0.0

15

20

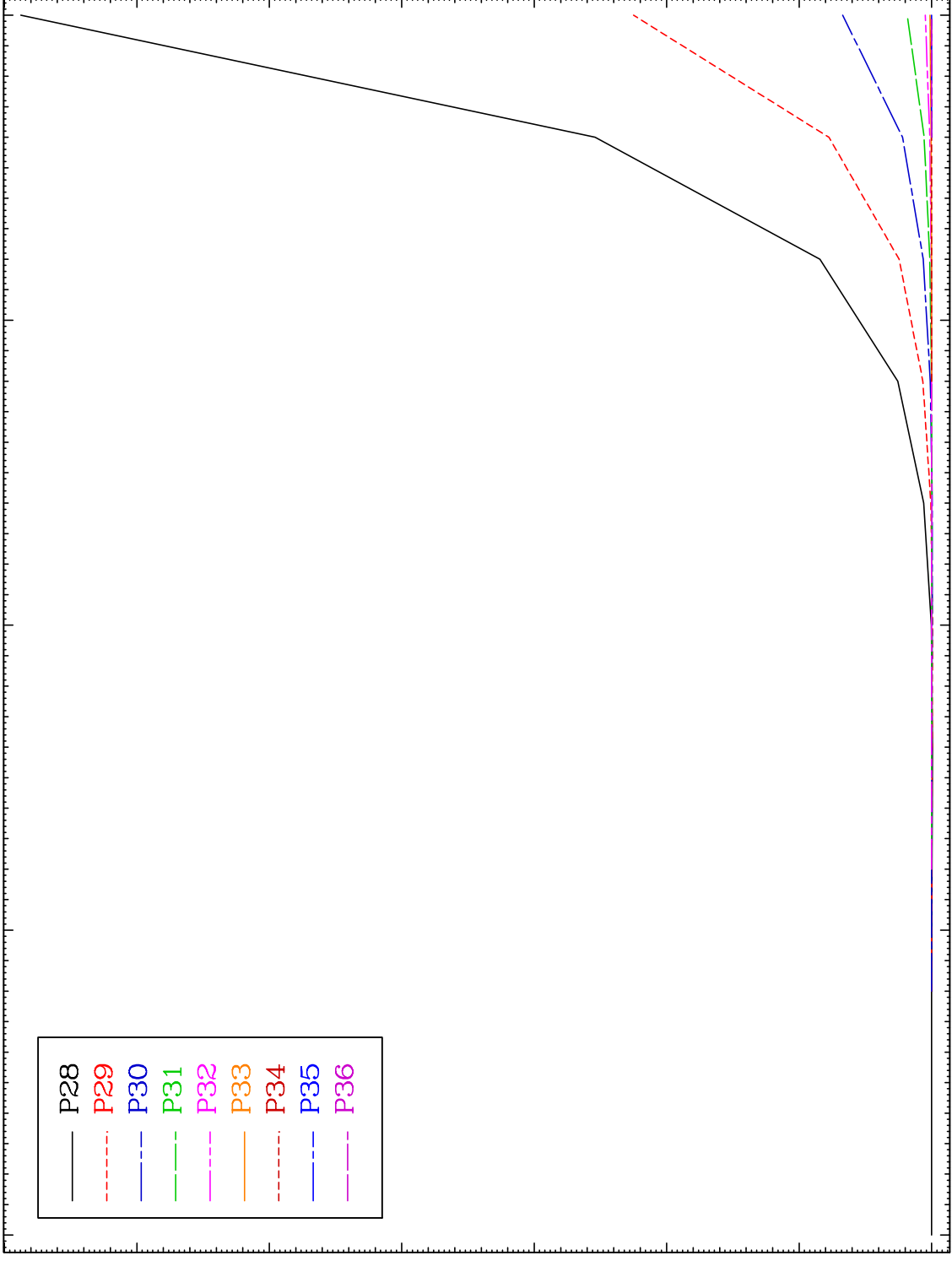
25

30

19

Incident Energy (MeV)

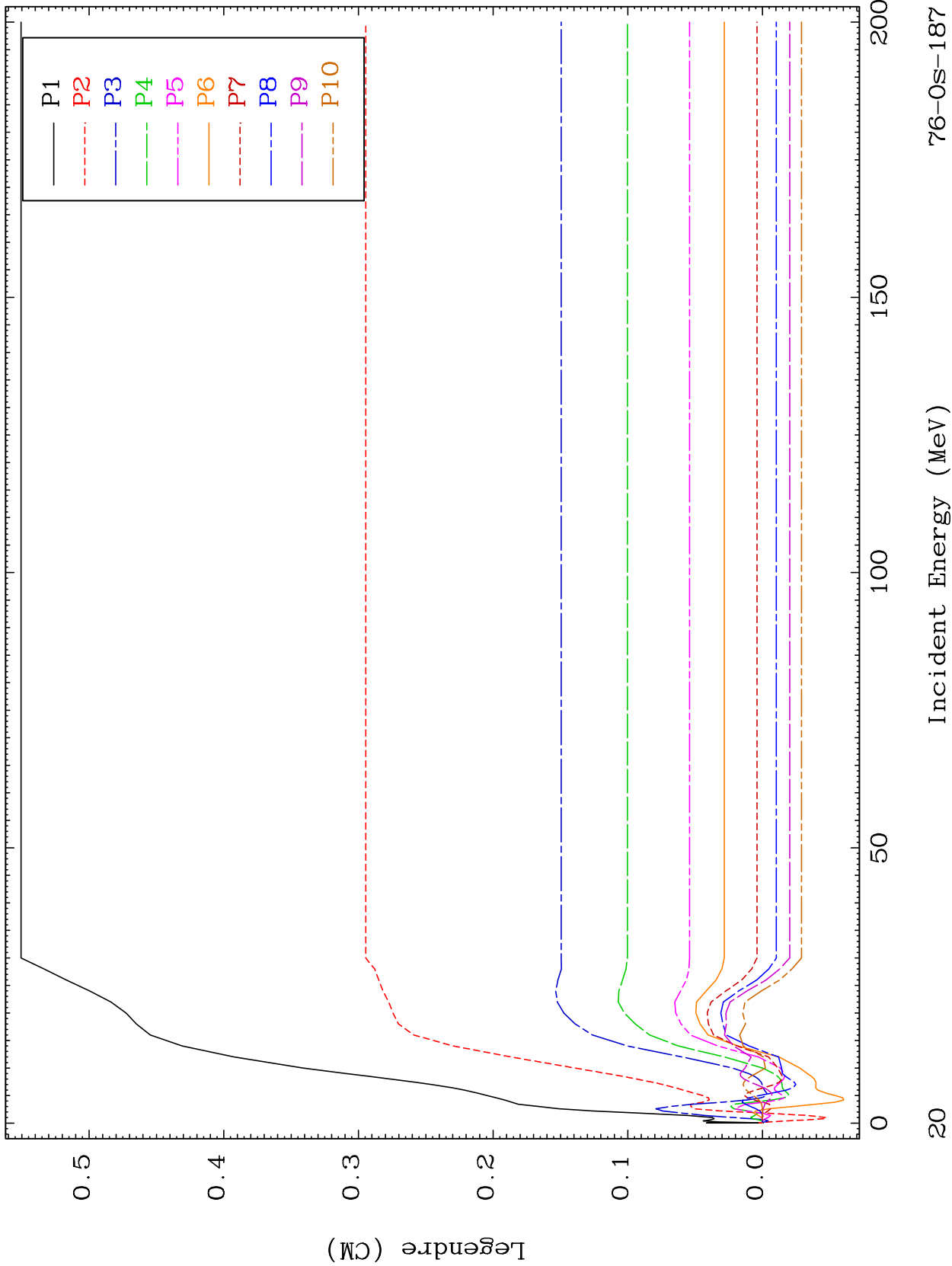
76-Os-187



MAT 7634

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

76-Os-187



76-Os-187

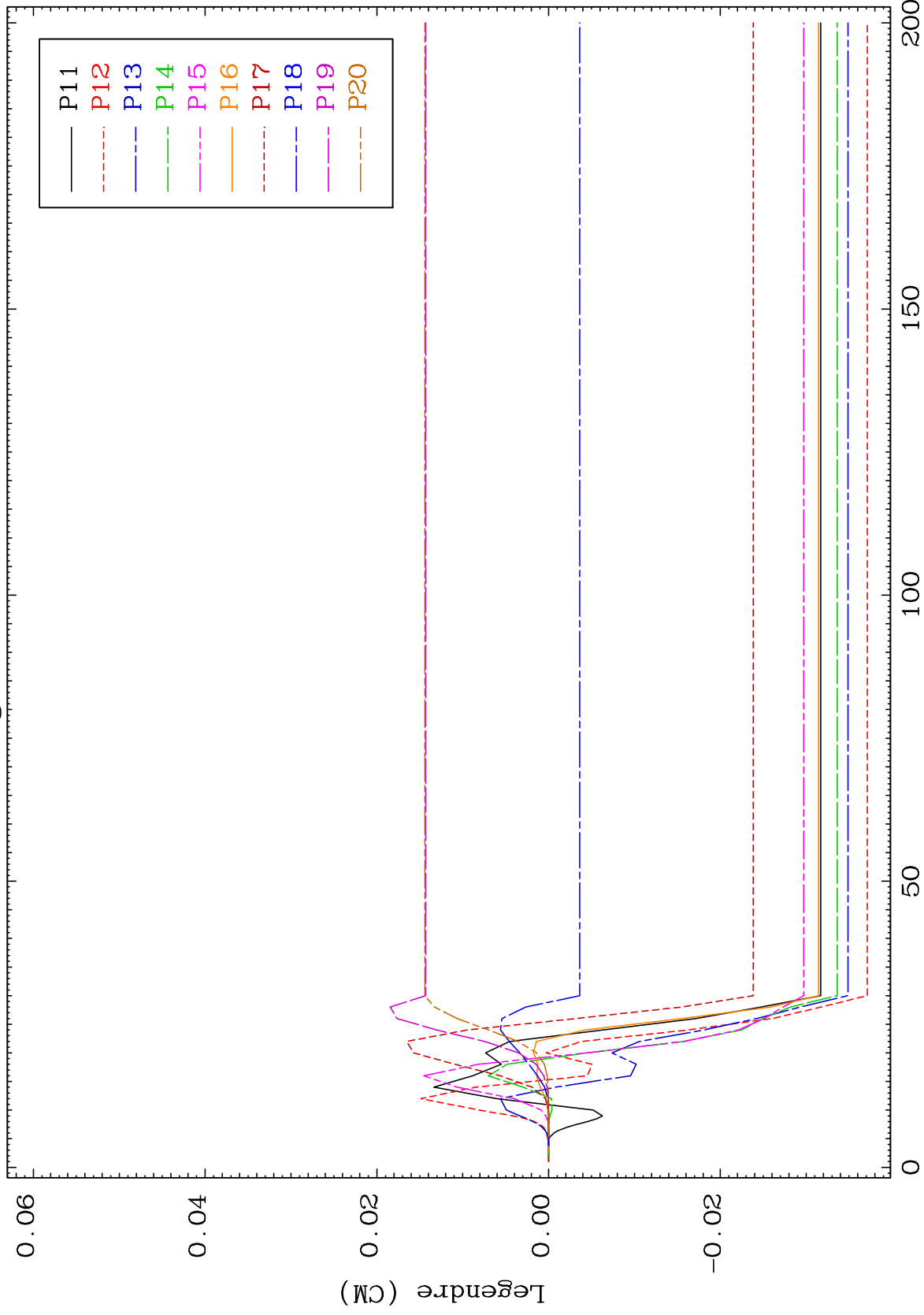
Incident Energy (MeV)

20

MAT 7634

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

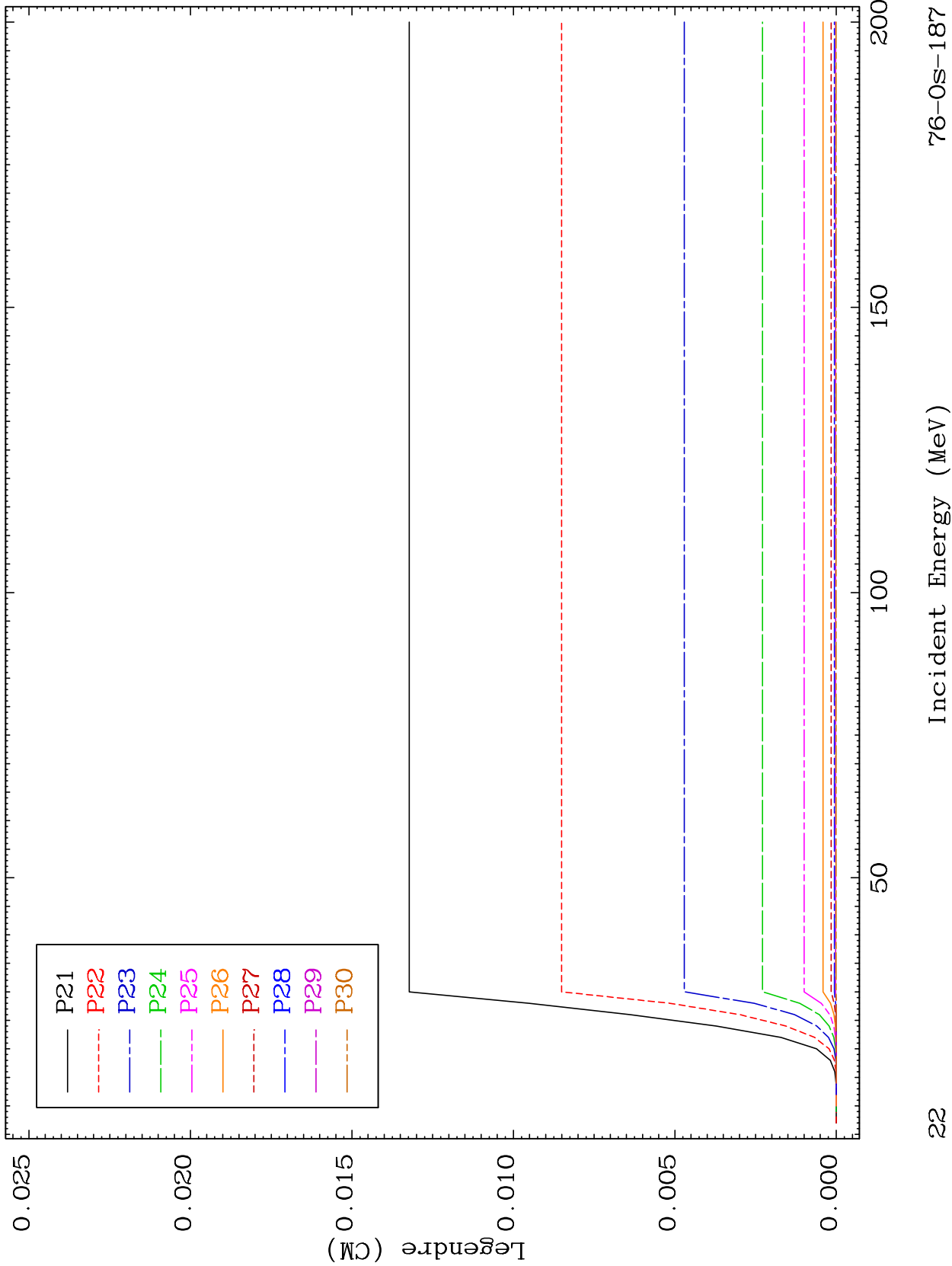
76-Os-187

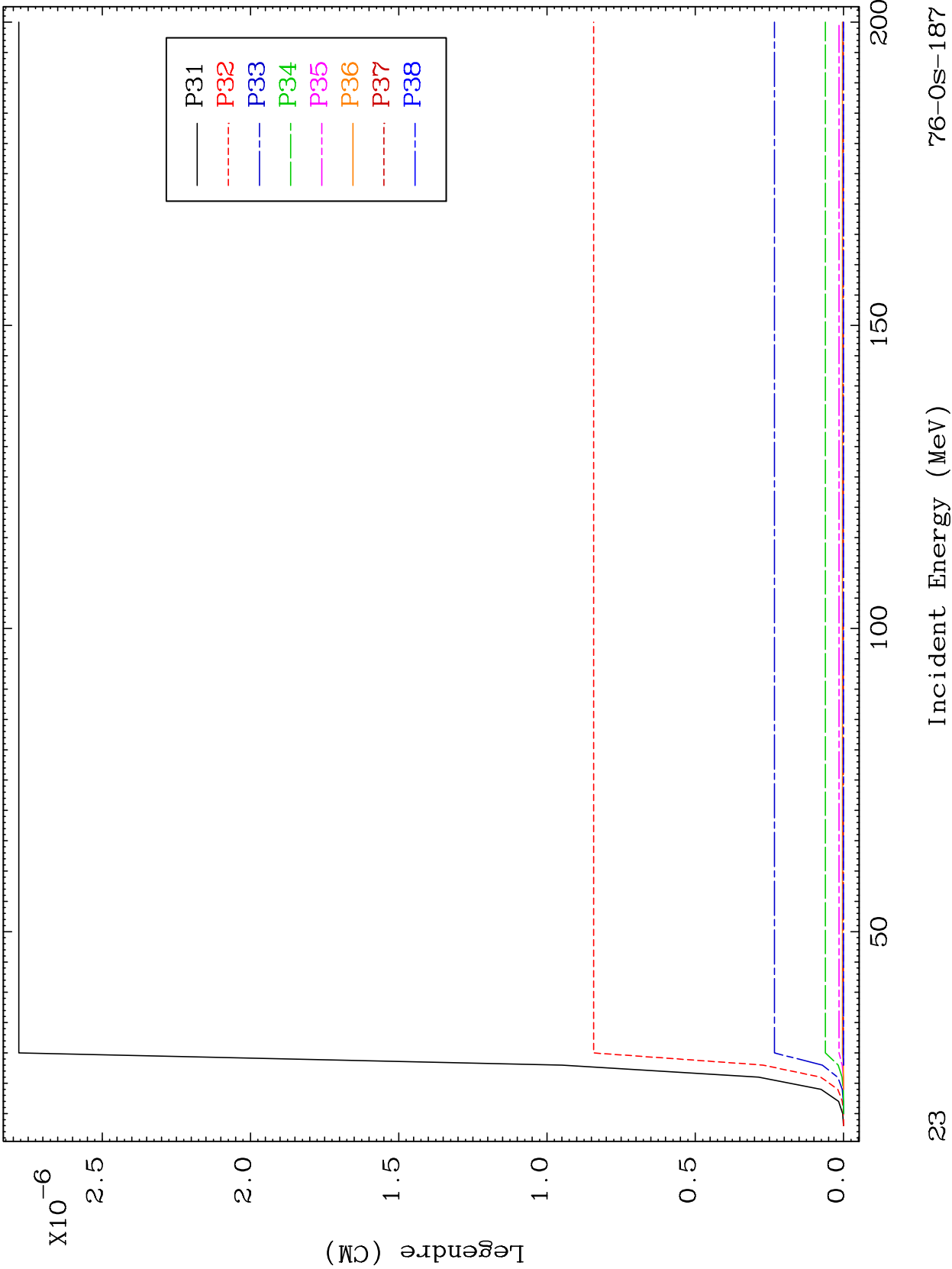


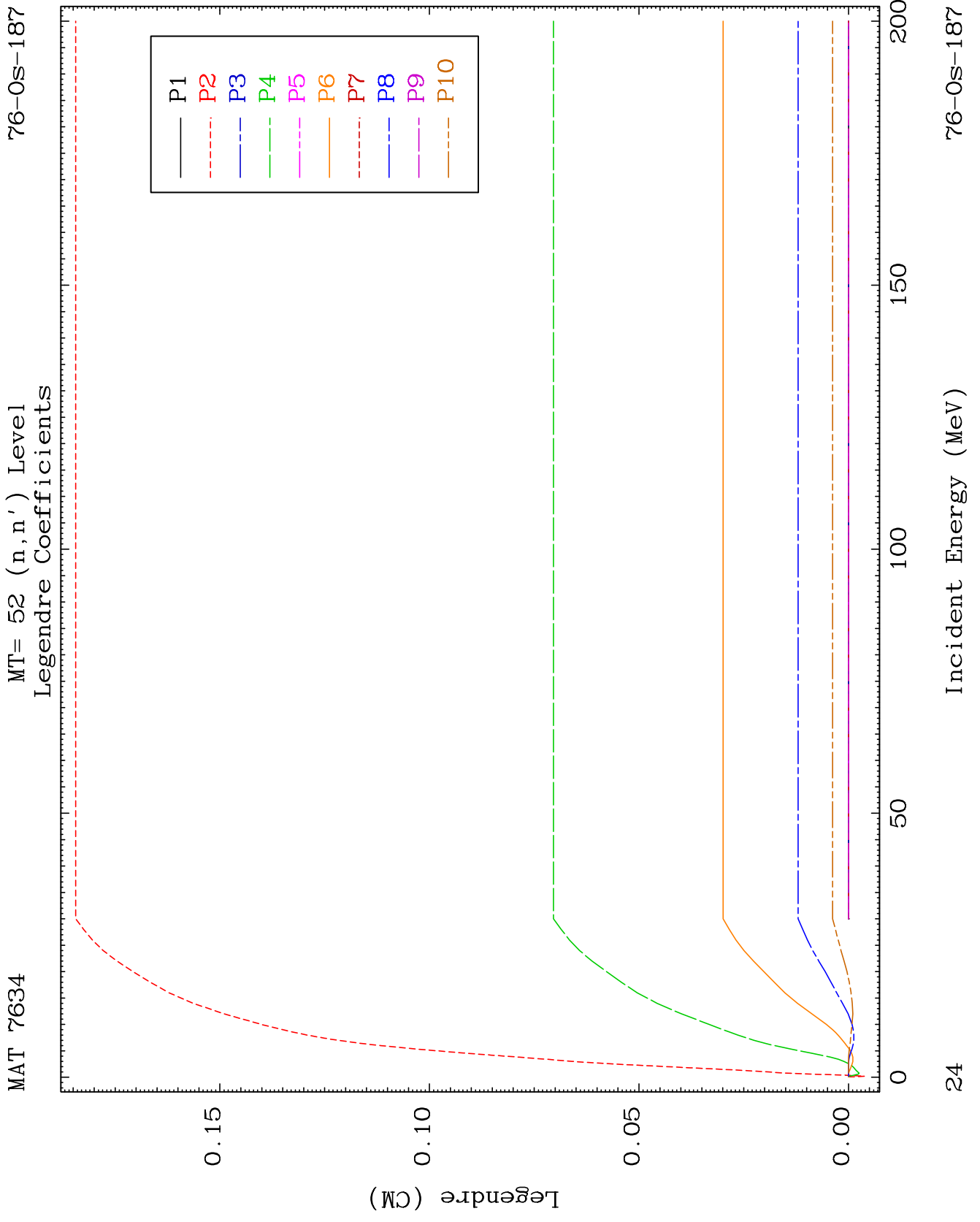
21

Incident Energy (MeV)

76-Os-187



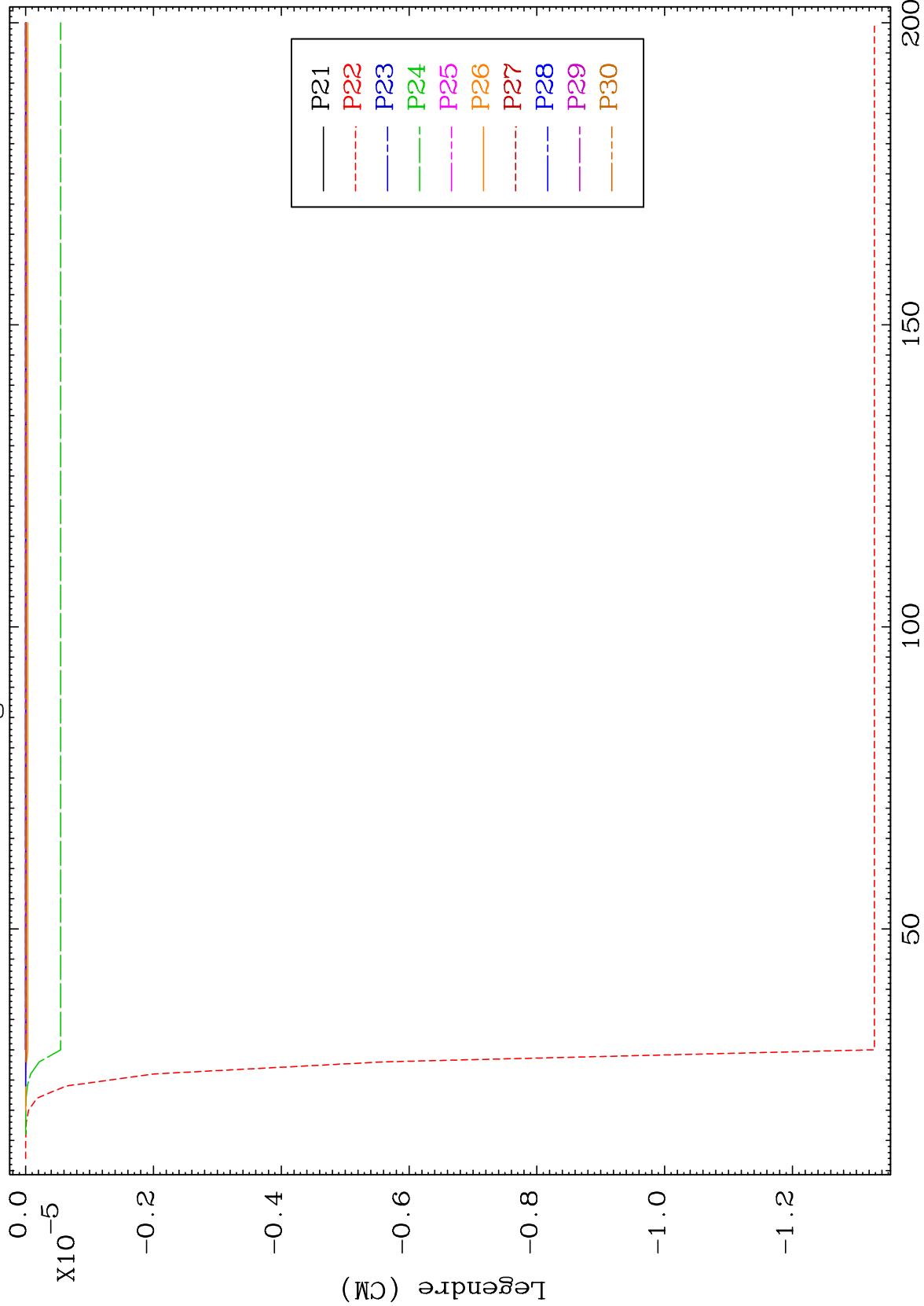




MAT 7634

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

76-Os-187



26

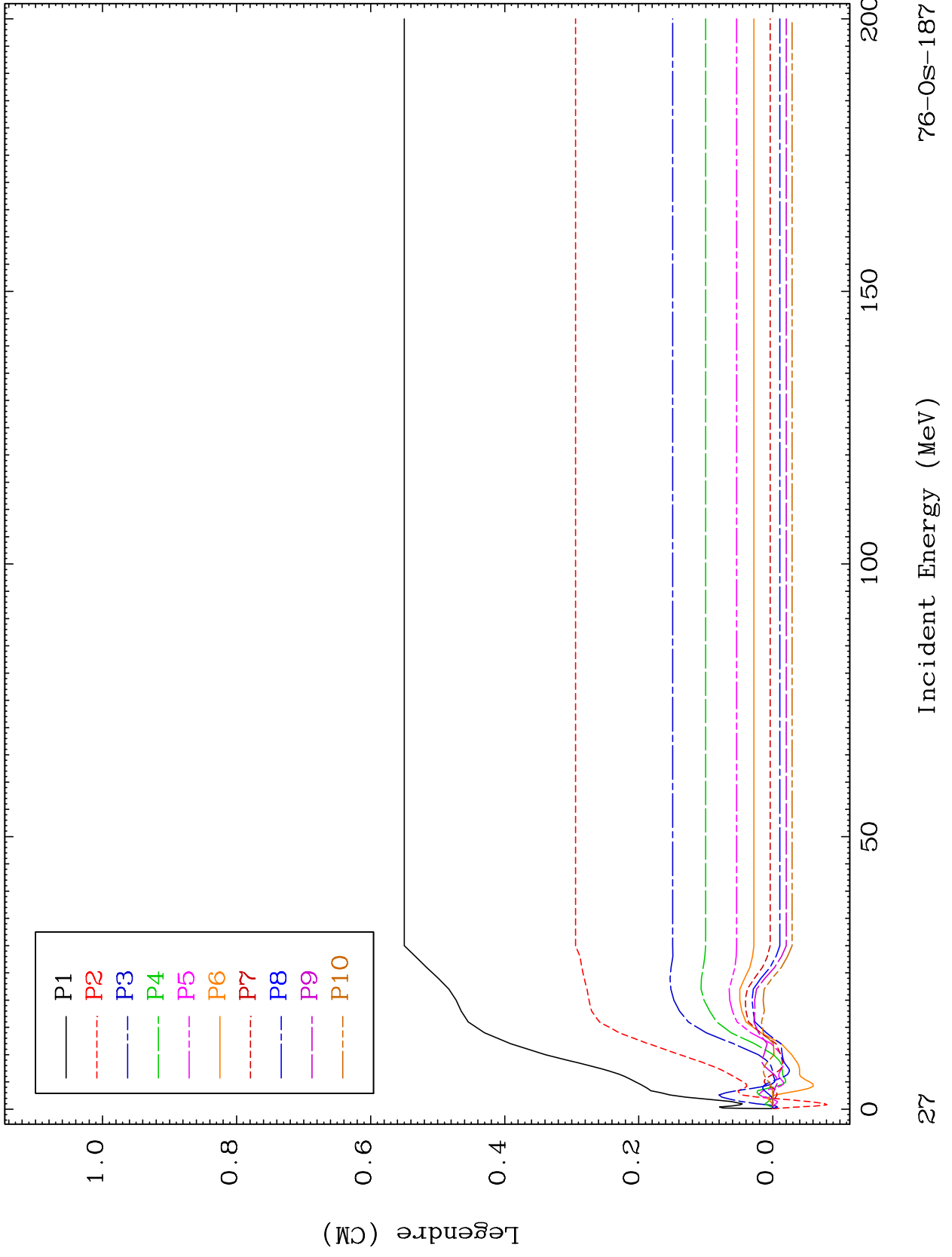
Incident Energy (MeV)

76-Os-187

MAT 7634

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

76-Os-187



27

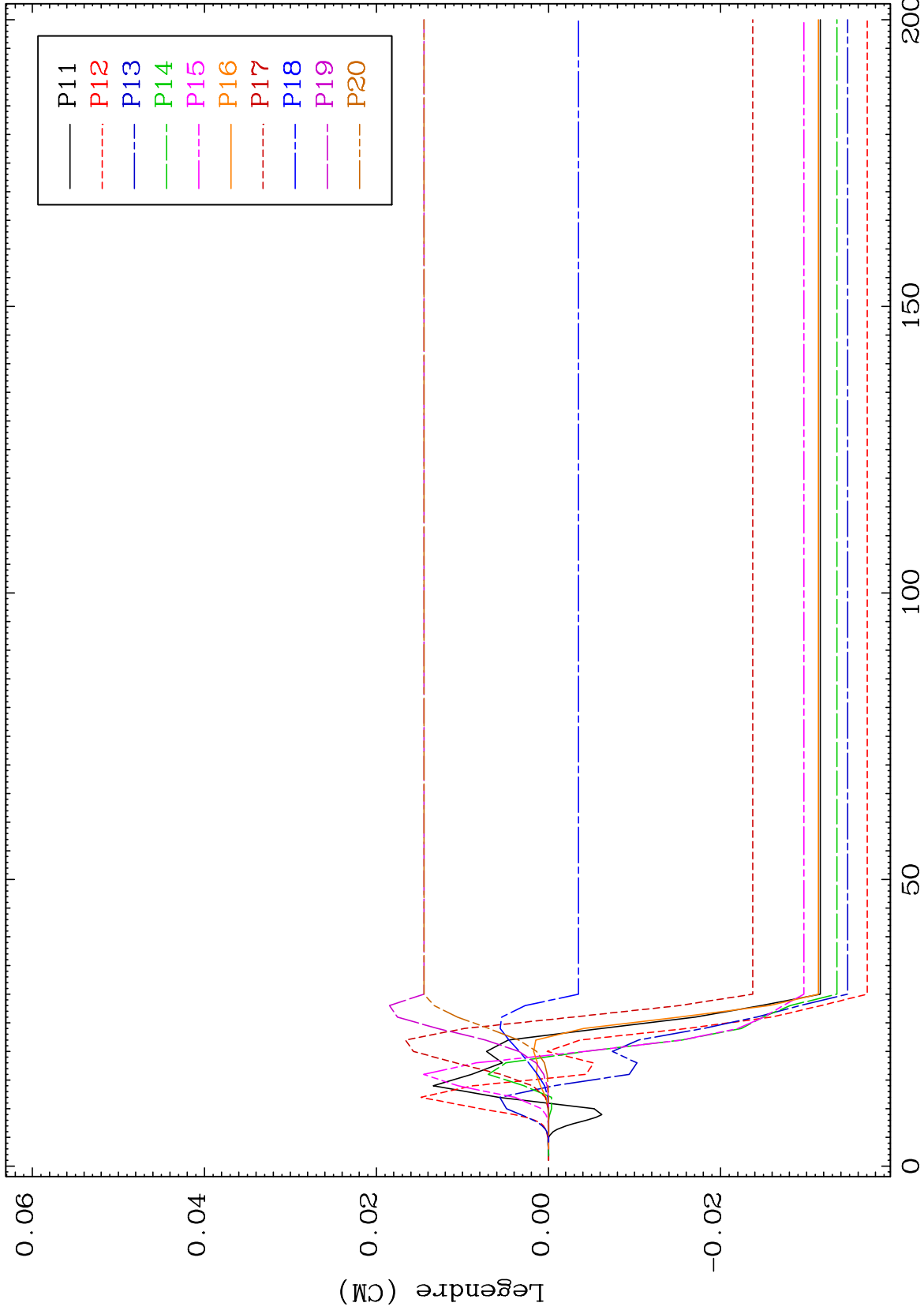
Incident Energy (MeV)

76-Os-187

MAT 7634

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

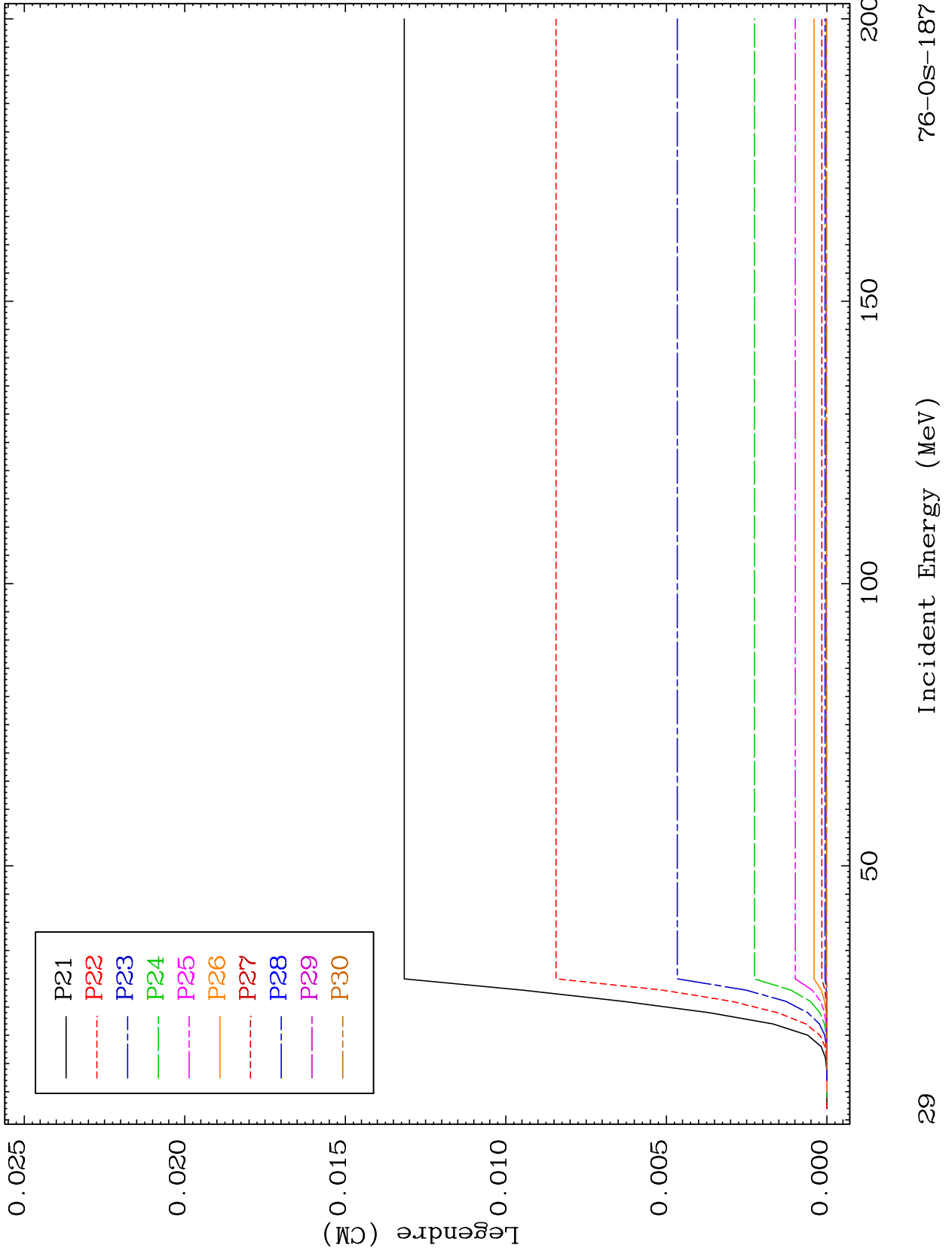
76-Os-187



28

Incident Energy (MeV)

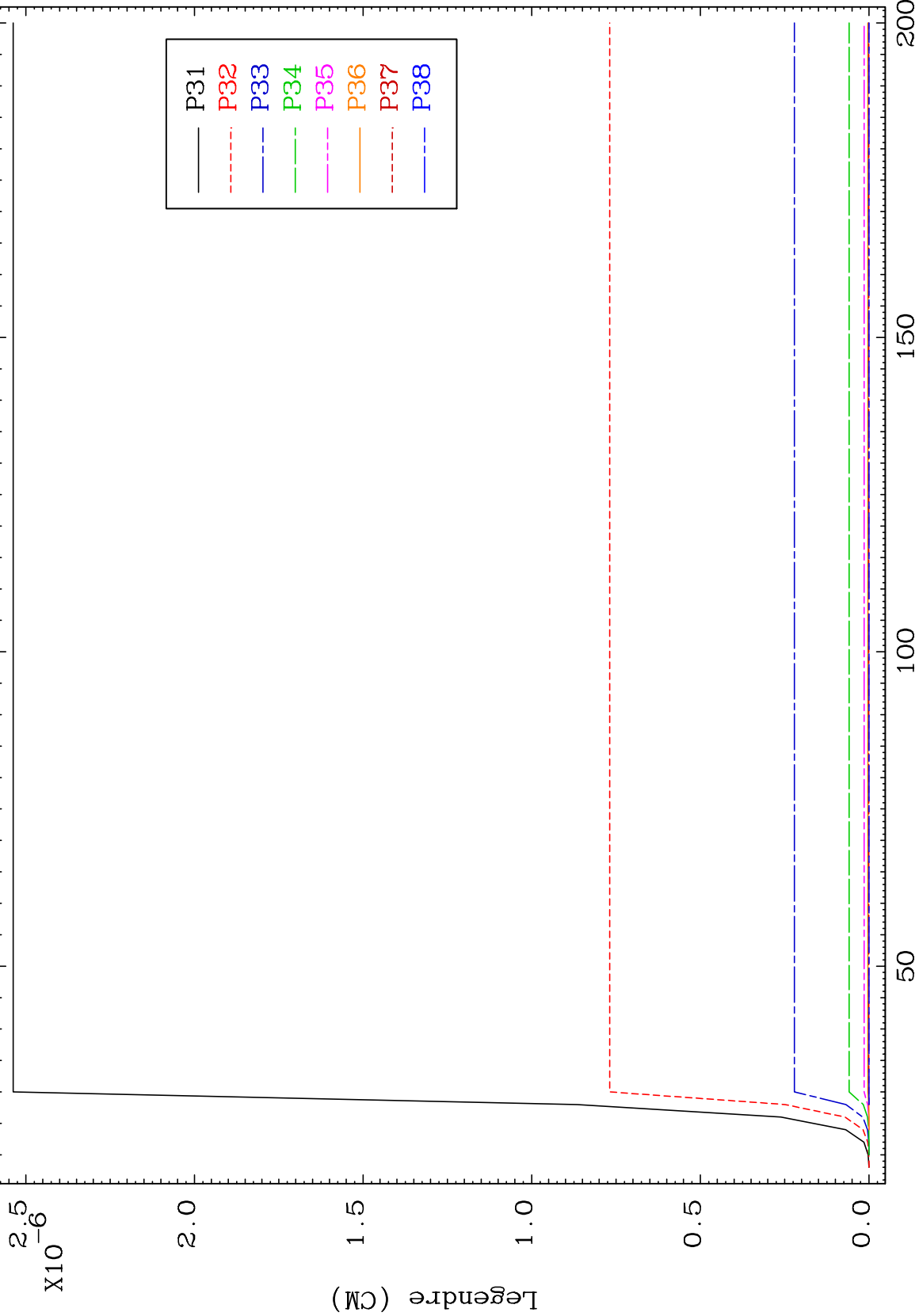
76-Os-187



MAT 7634

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

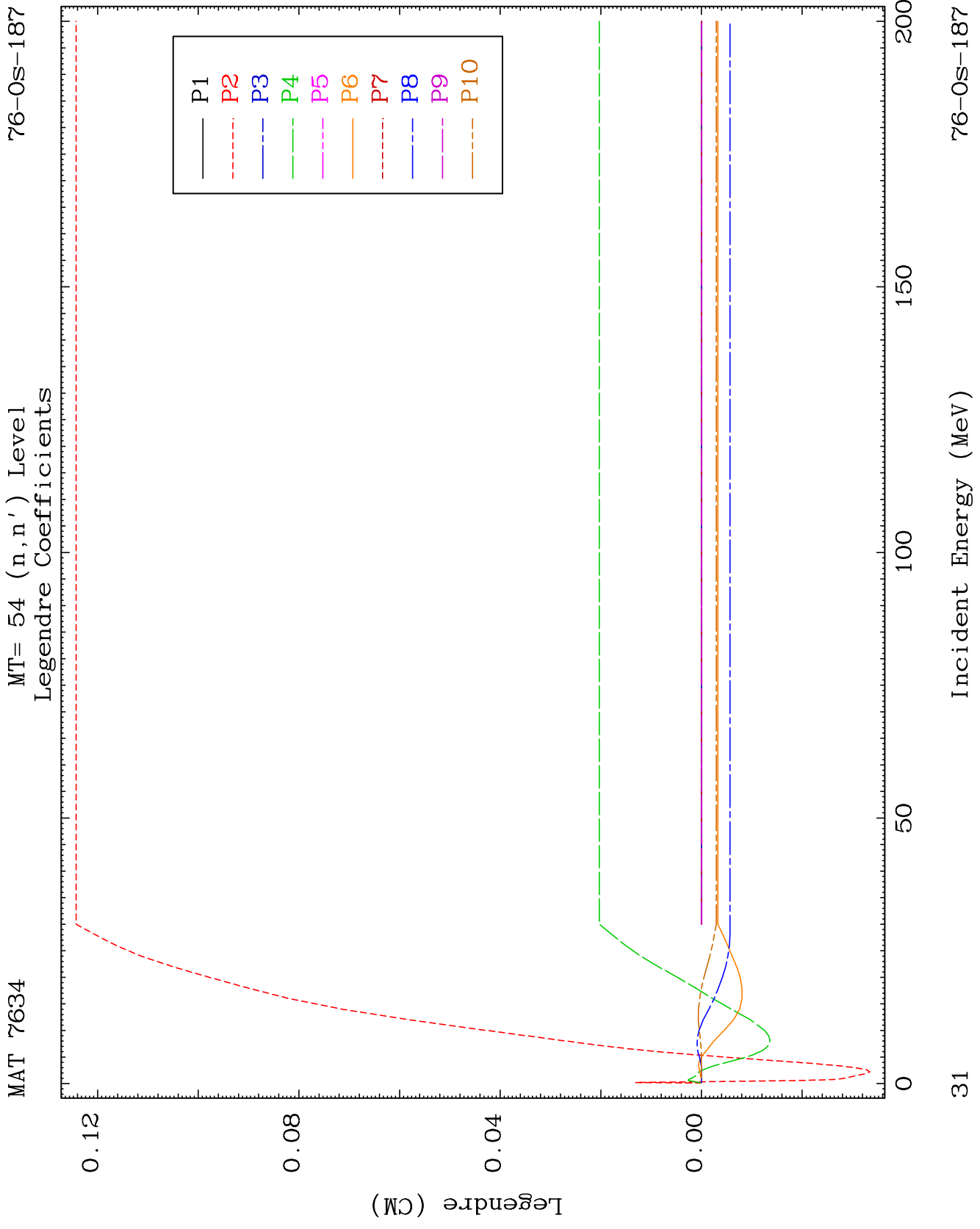
76-Os-187



30

Incident Energy (MeV)

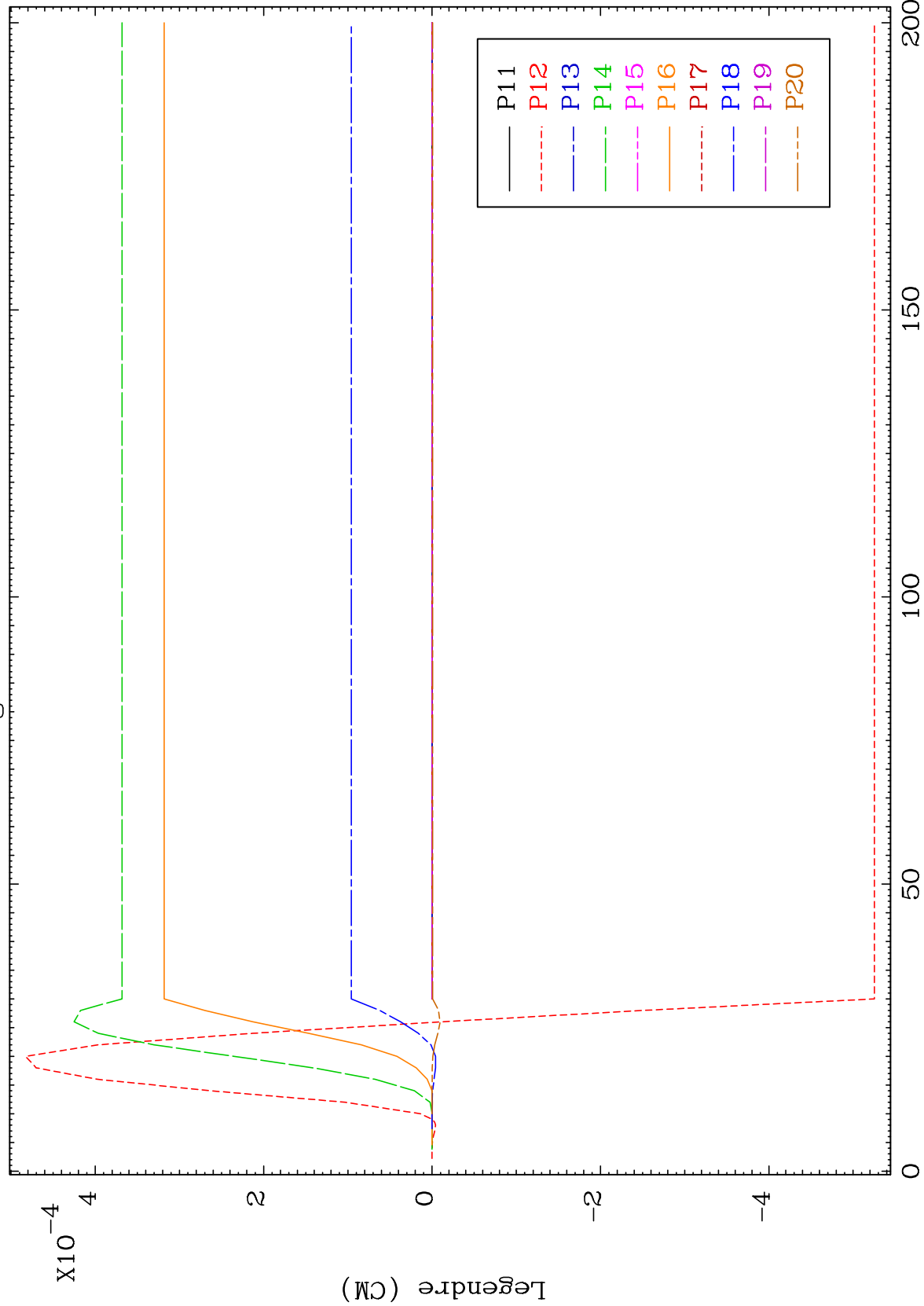
76-Os-187



MAT 7634

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

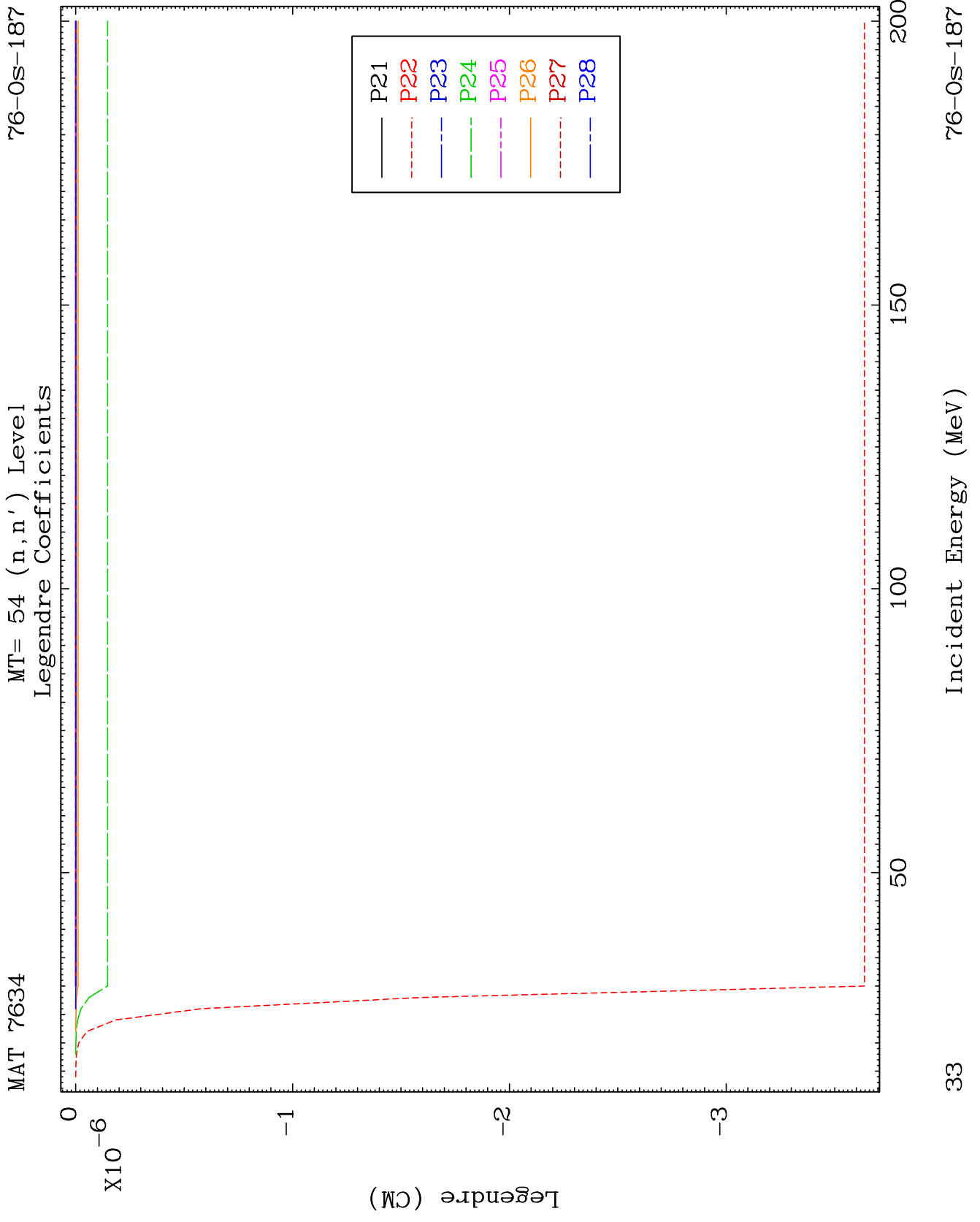
76-Os-187



32

Incident Energy (MeV)

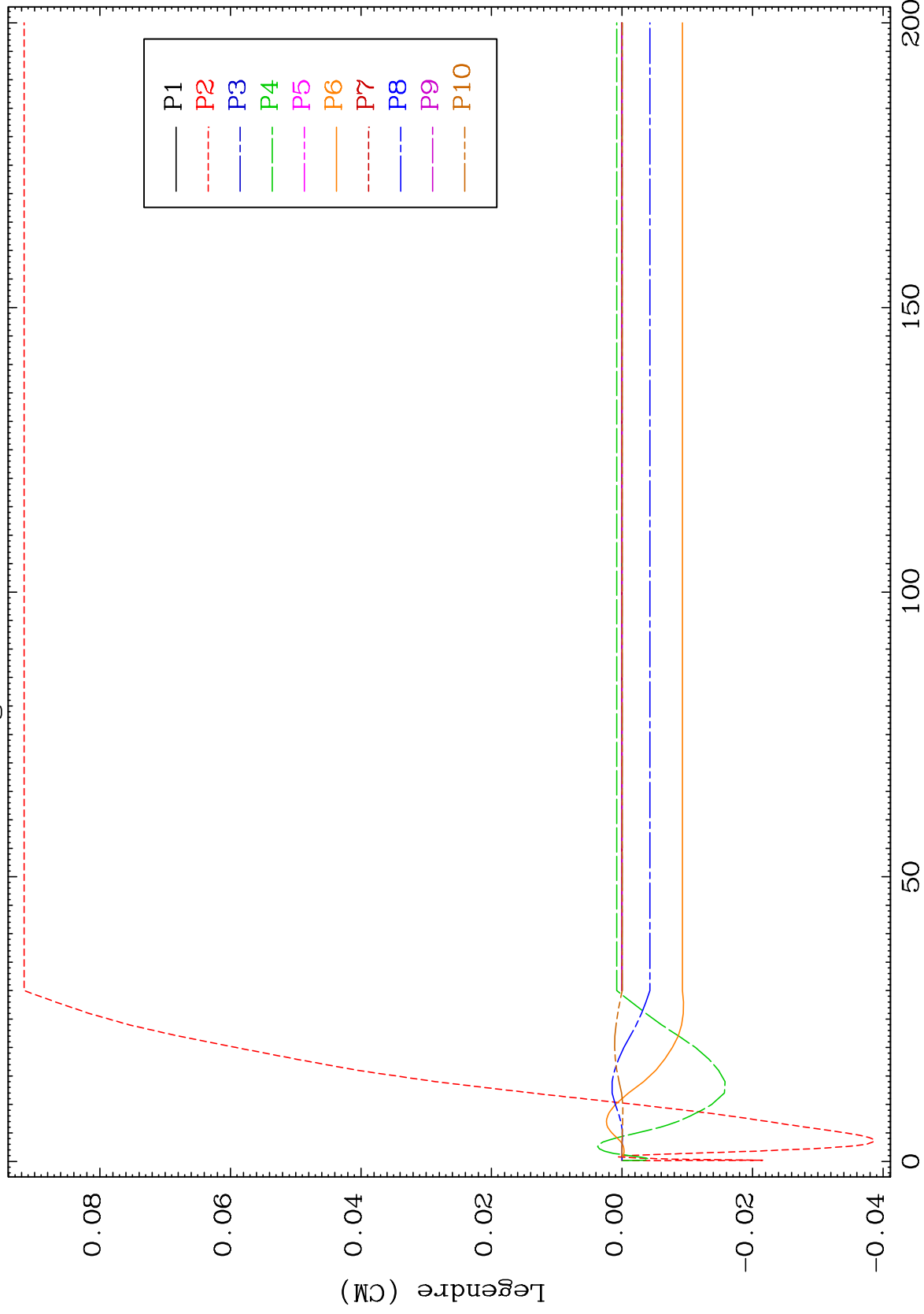
76-Os-187



MAT 7634

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

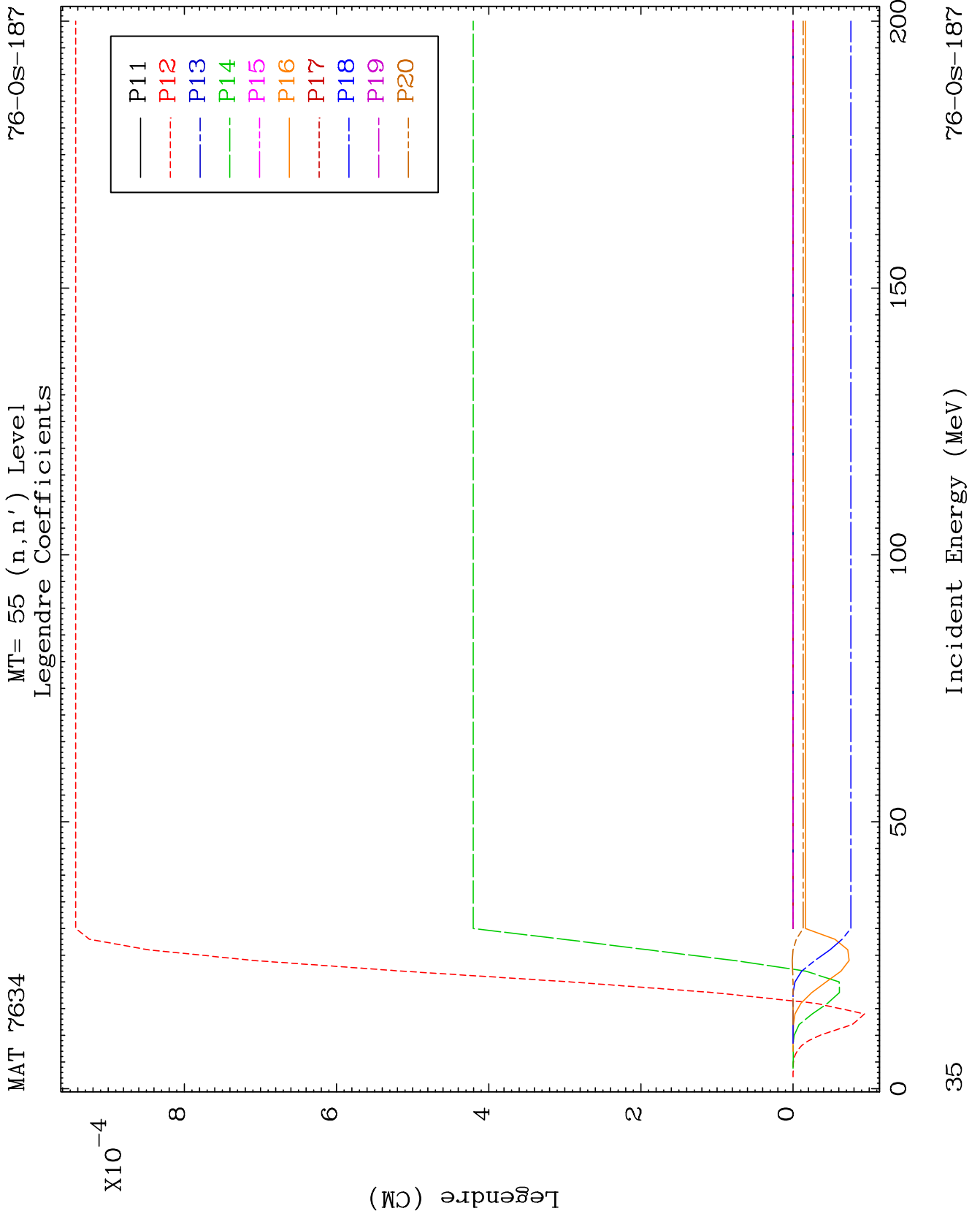
76-Os-187

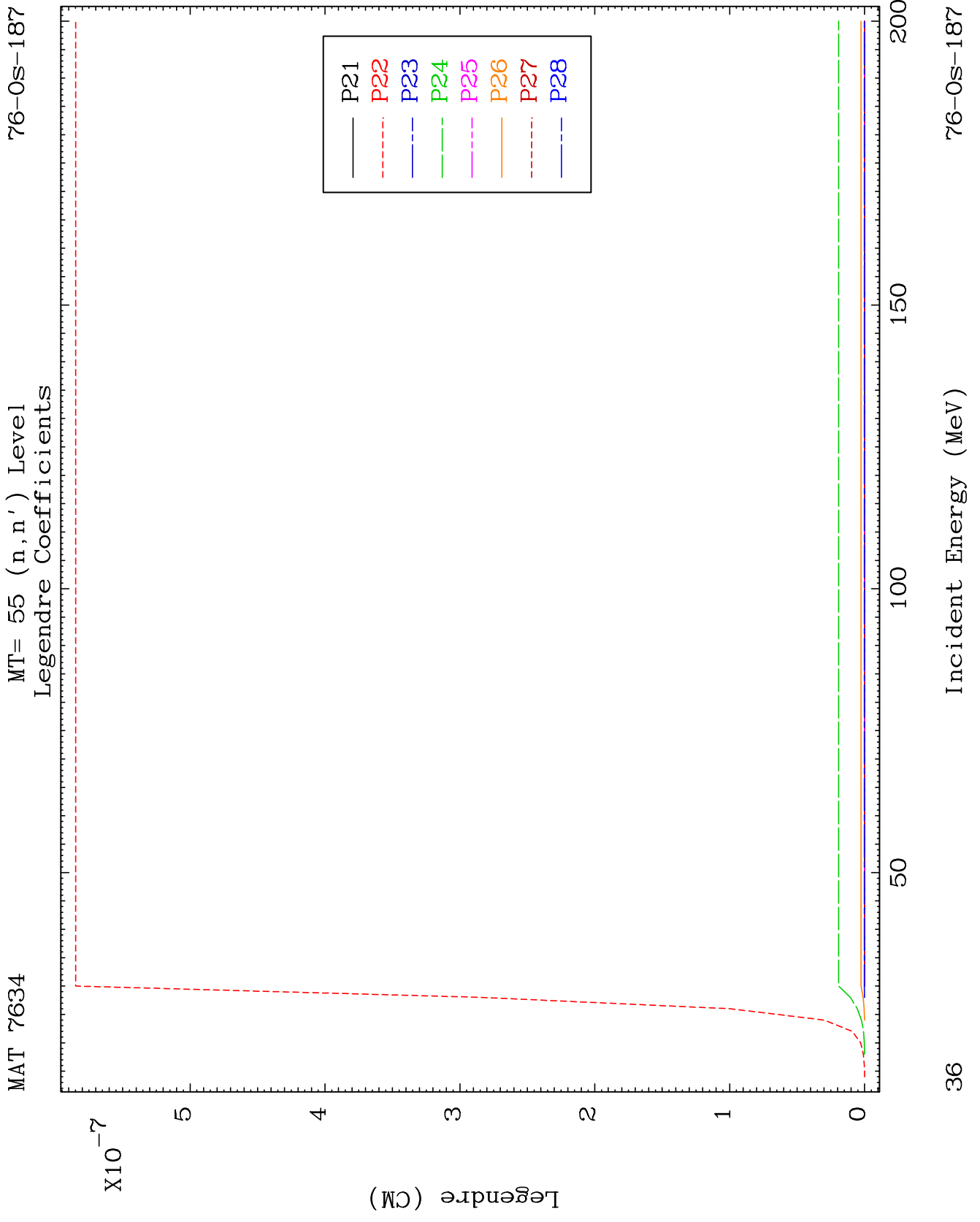


34

Incident Energy (MeV)

76-Os-187

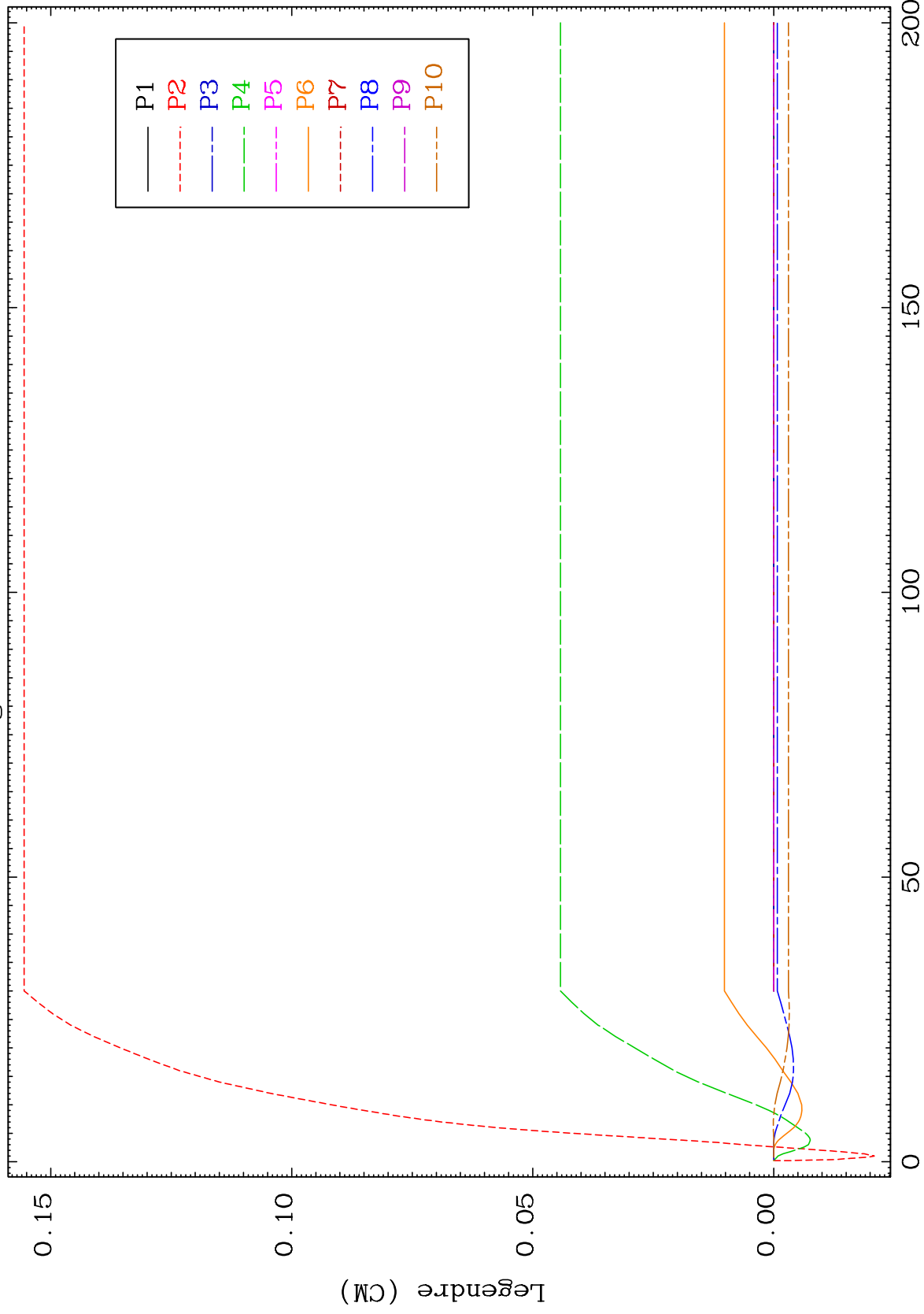




MAT 7634

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

76-Os-187



37

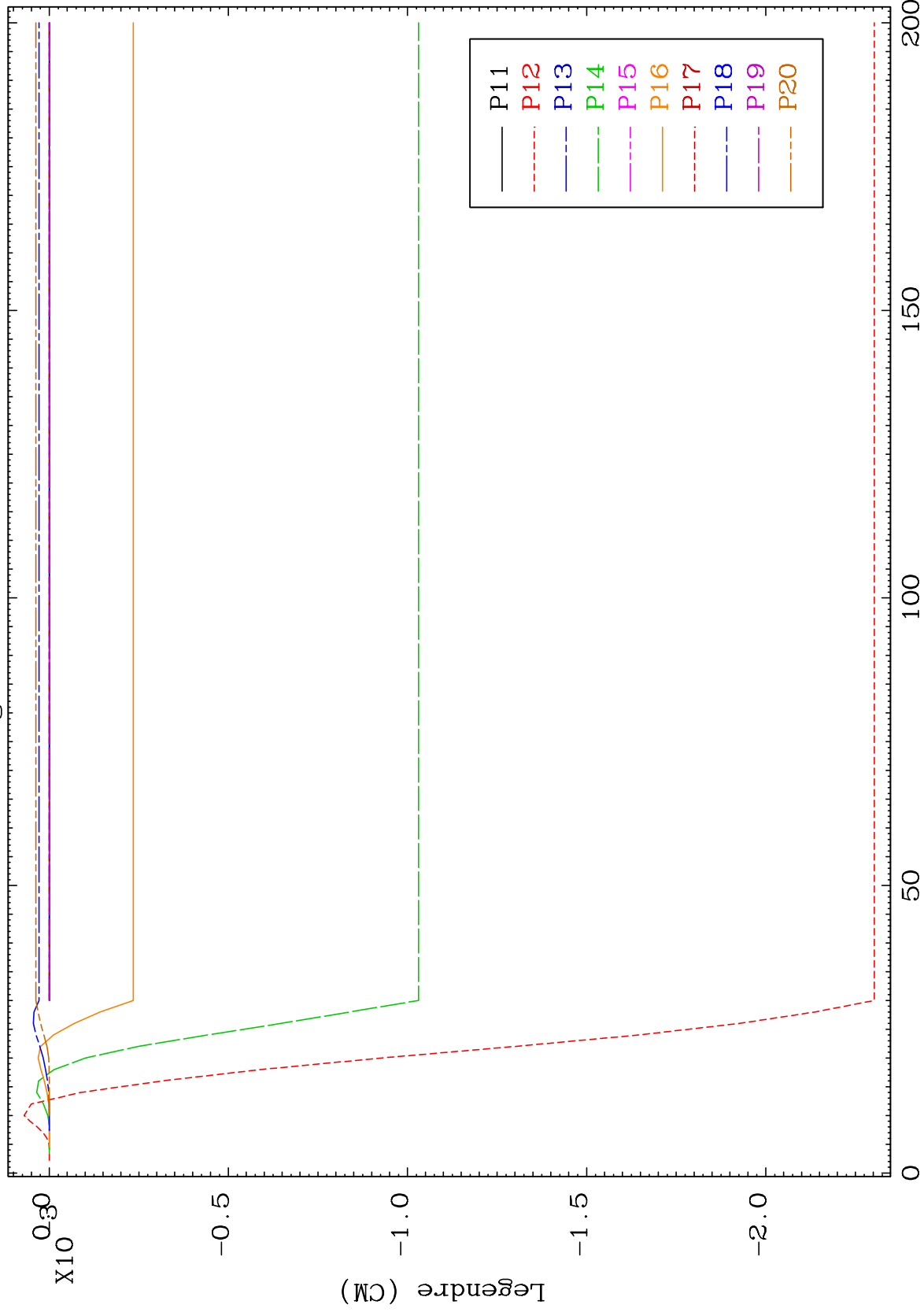
Incident Energy (MeV)

76-Os-187

MAT 7634

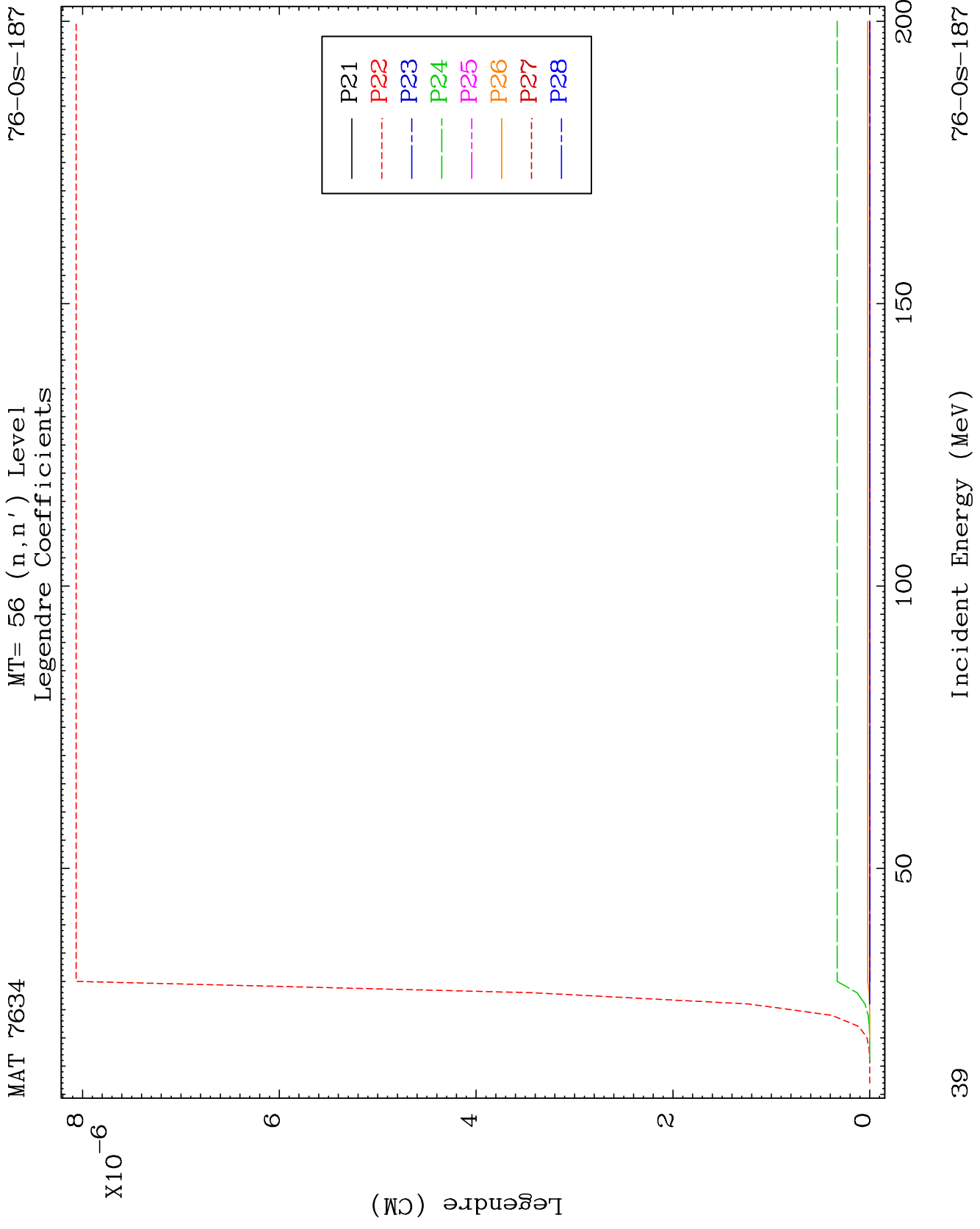
76-Os-187

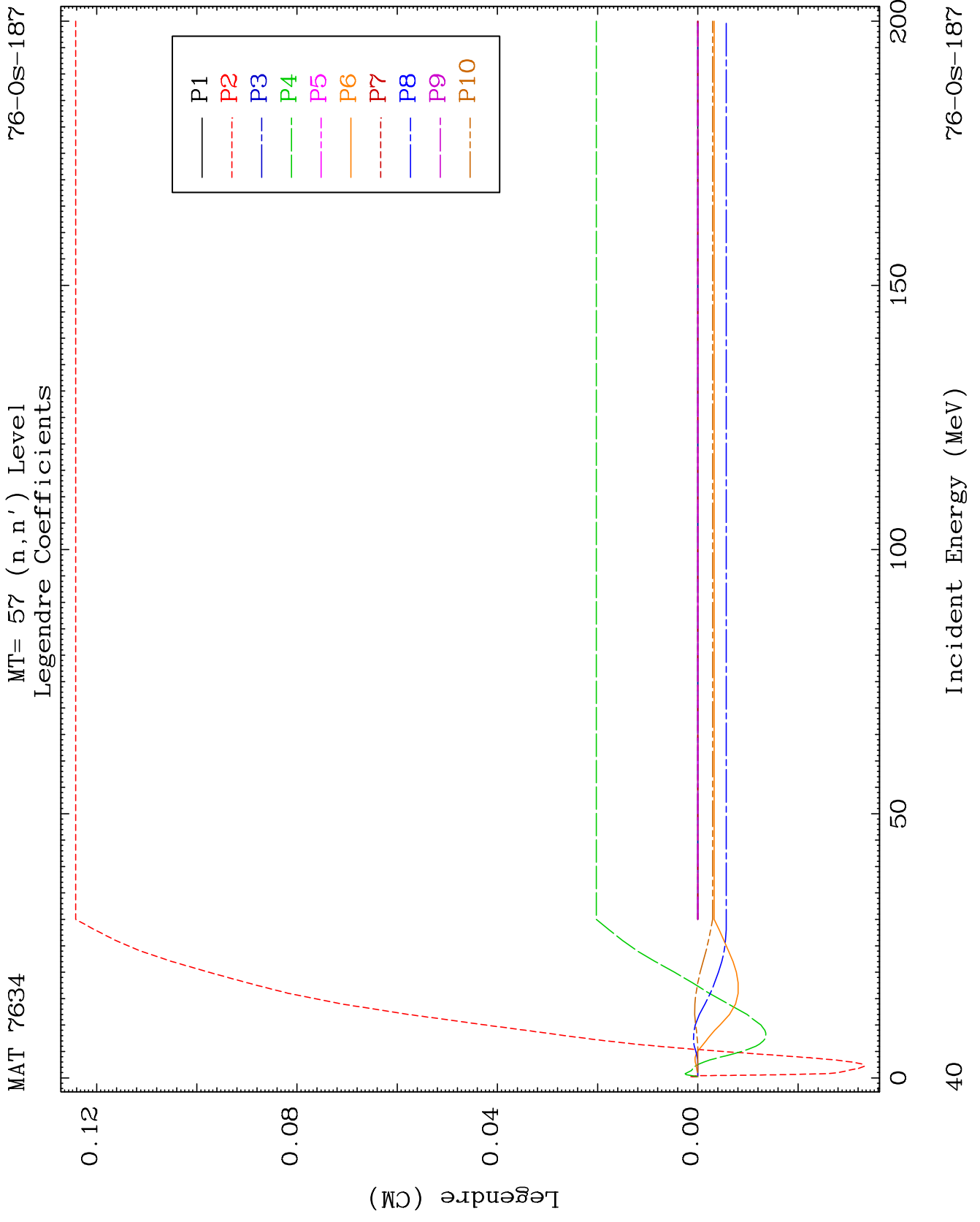
MT= 56 (n,n') Level
Legendre Coefficients



38

76-Os-187

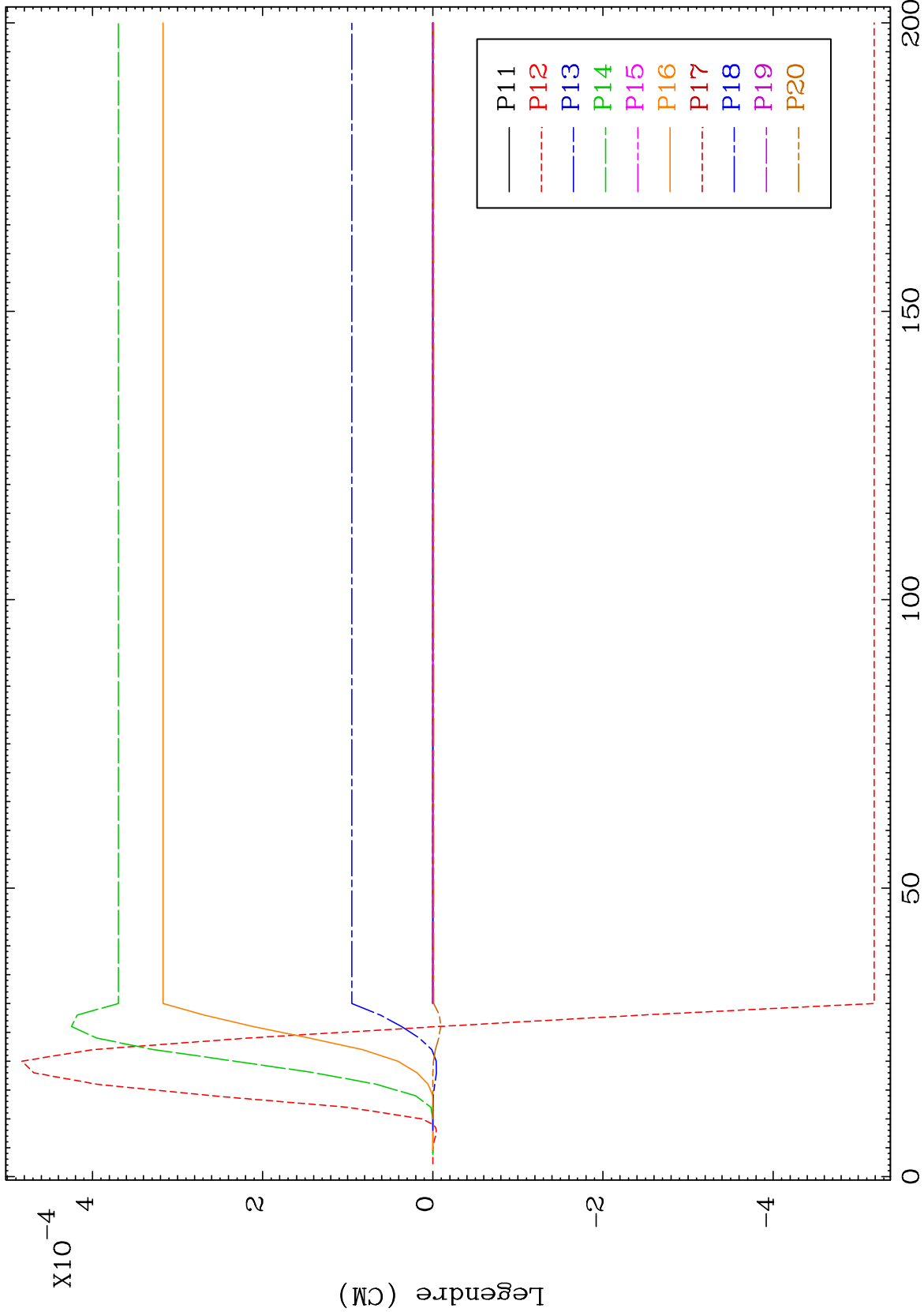




MAT 7634

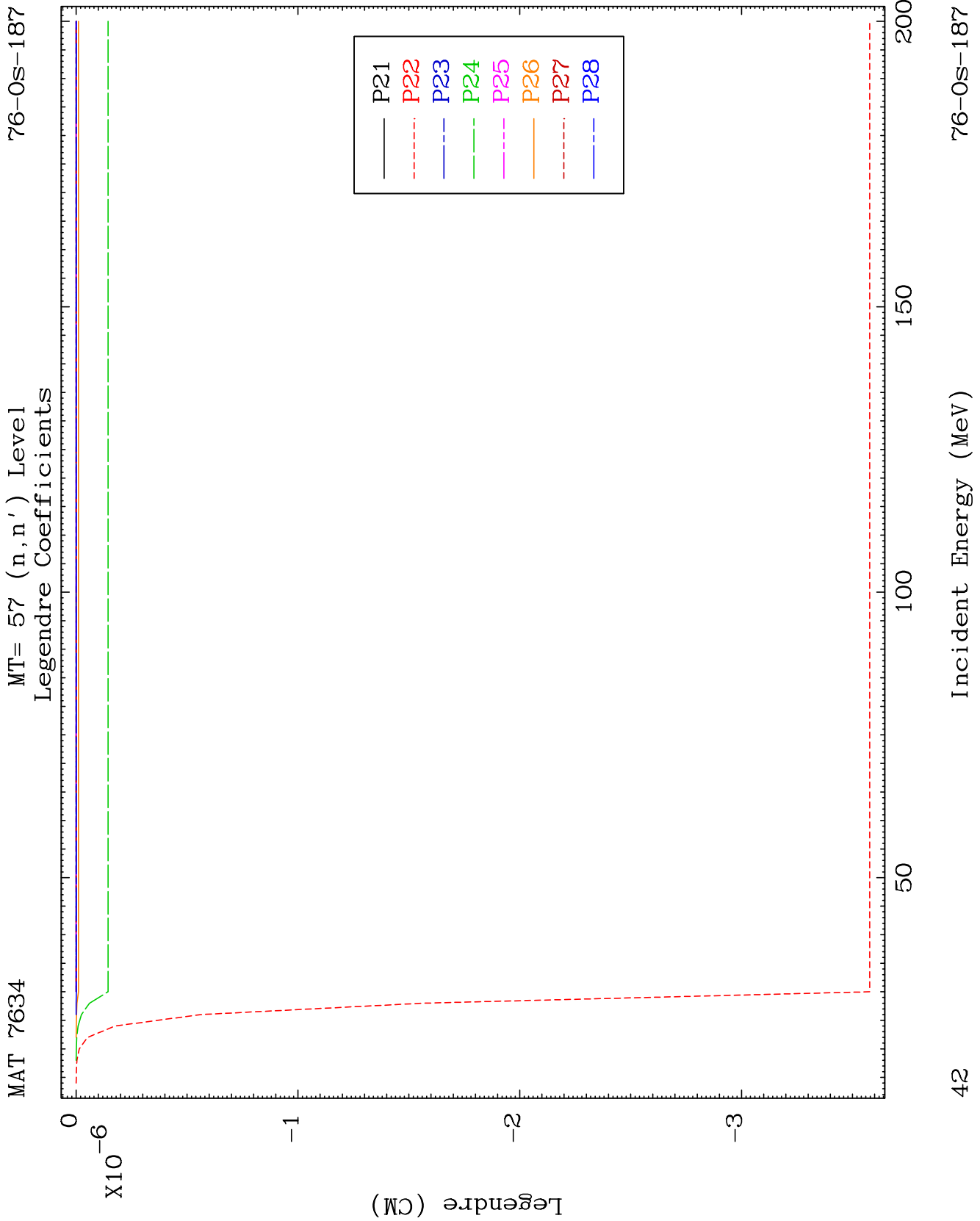
MT= 57 (n,n') Level
Legendre Coefficients

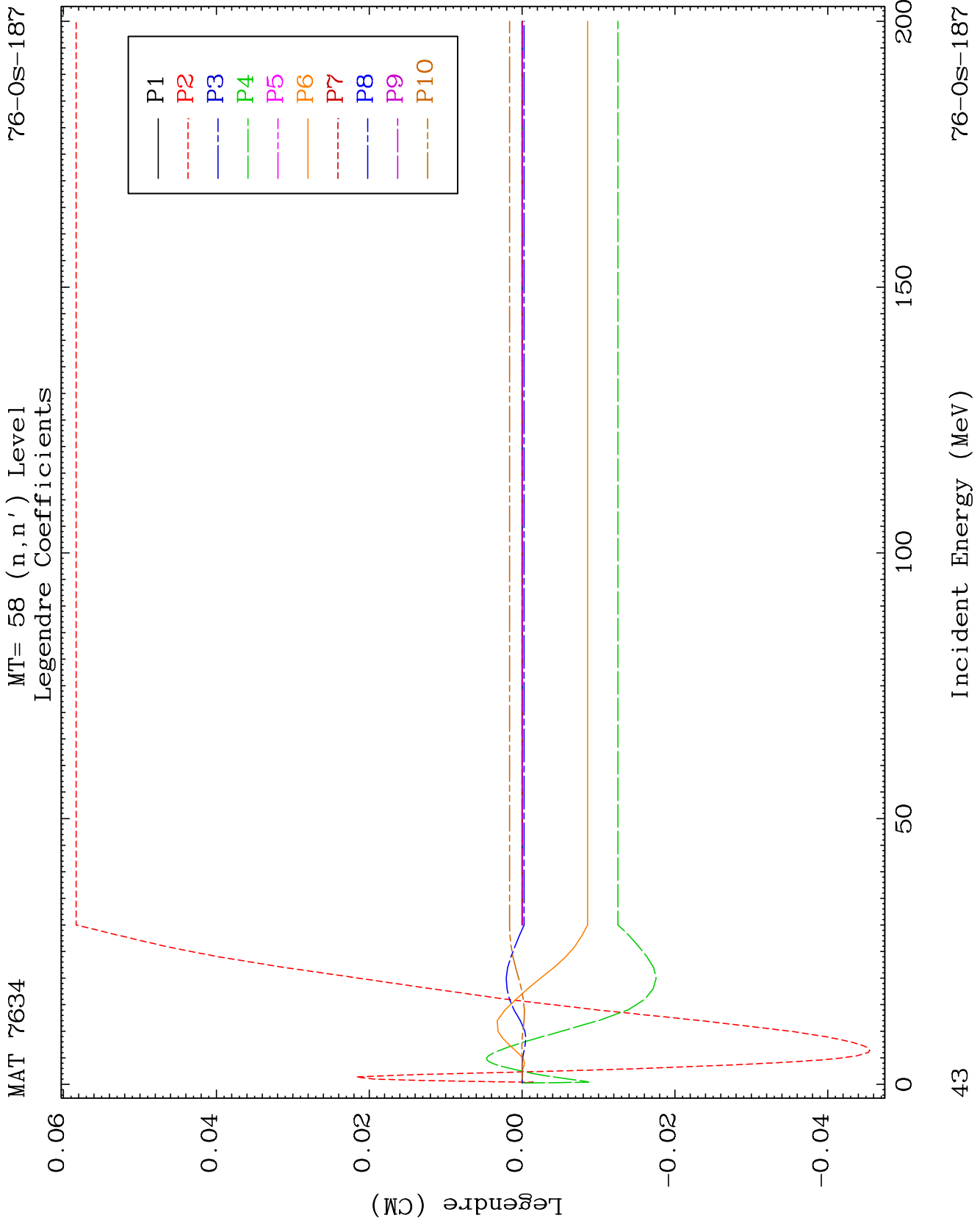
76-Os-187



41

76-Os-187

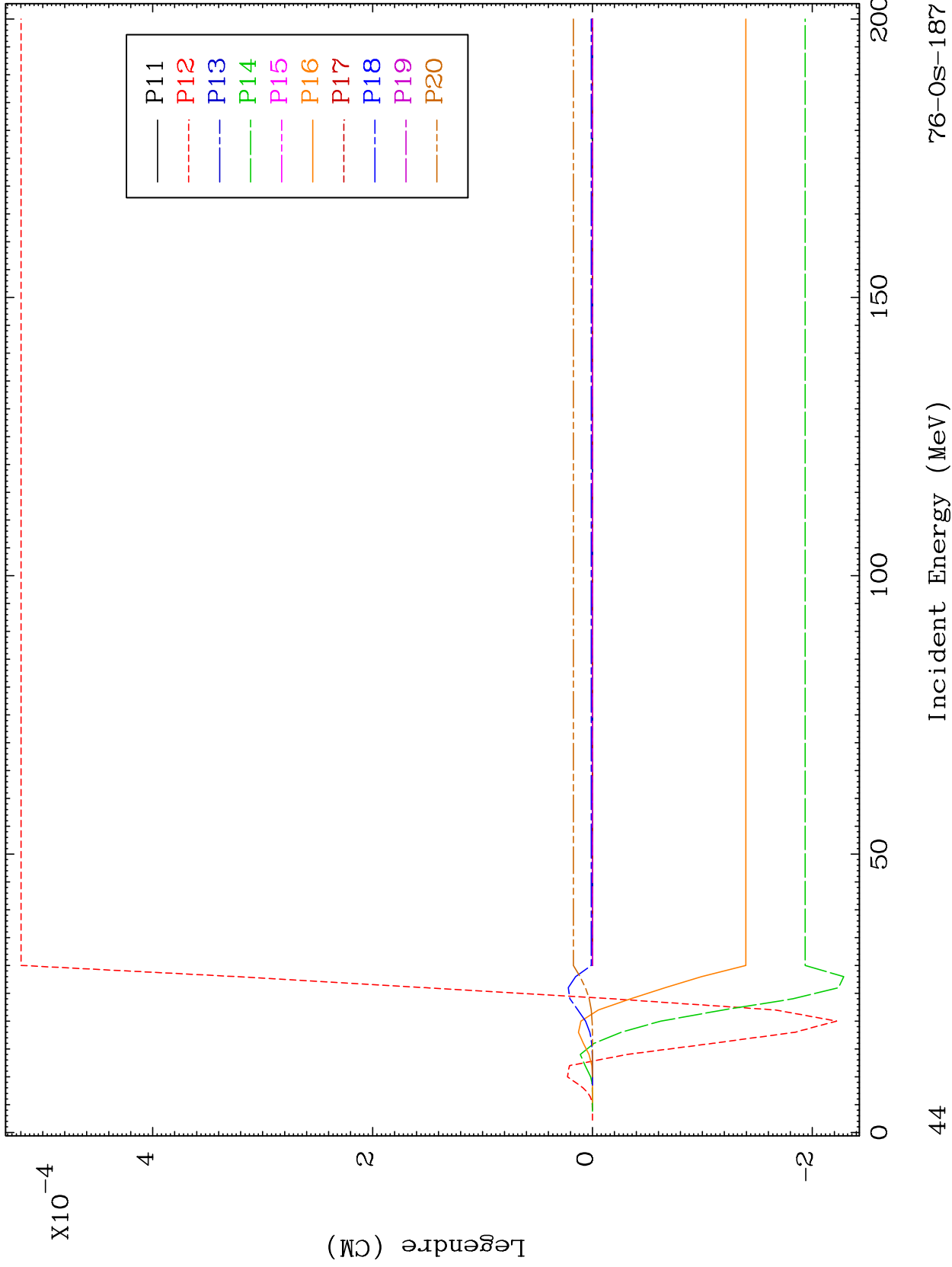




MAT 7634

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

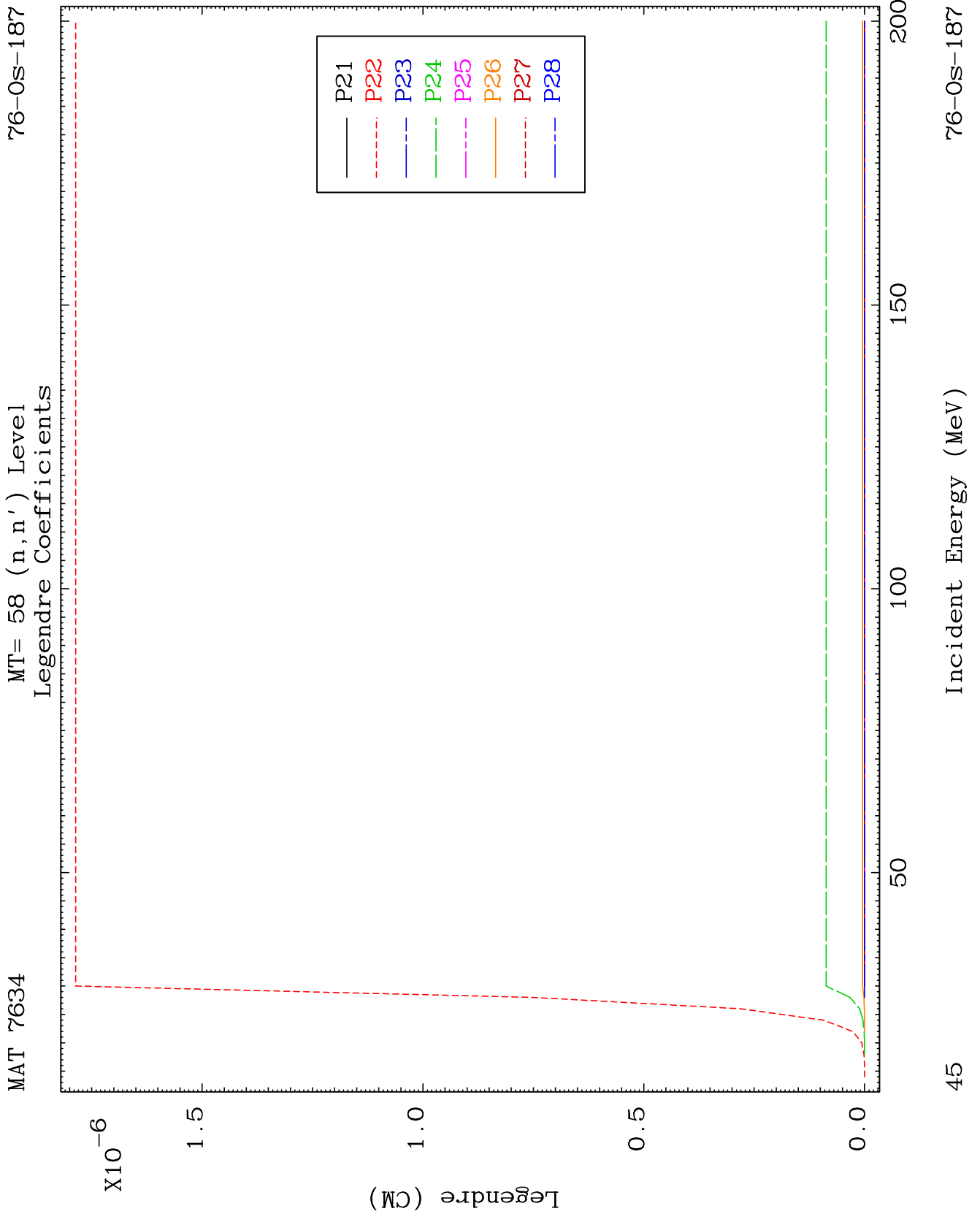
76-Os-187

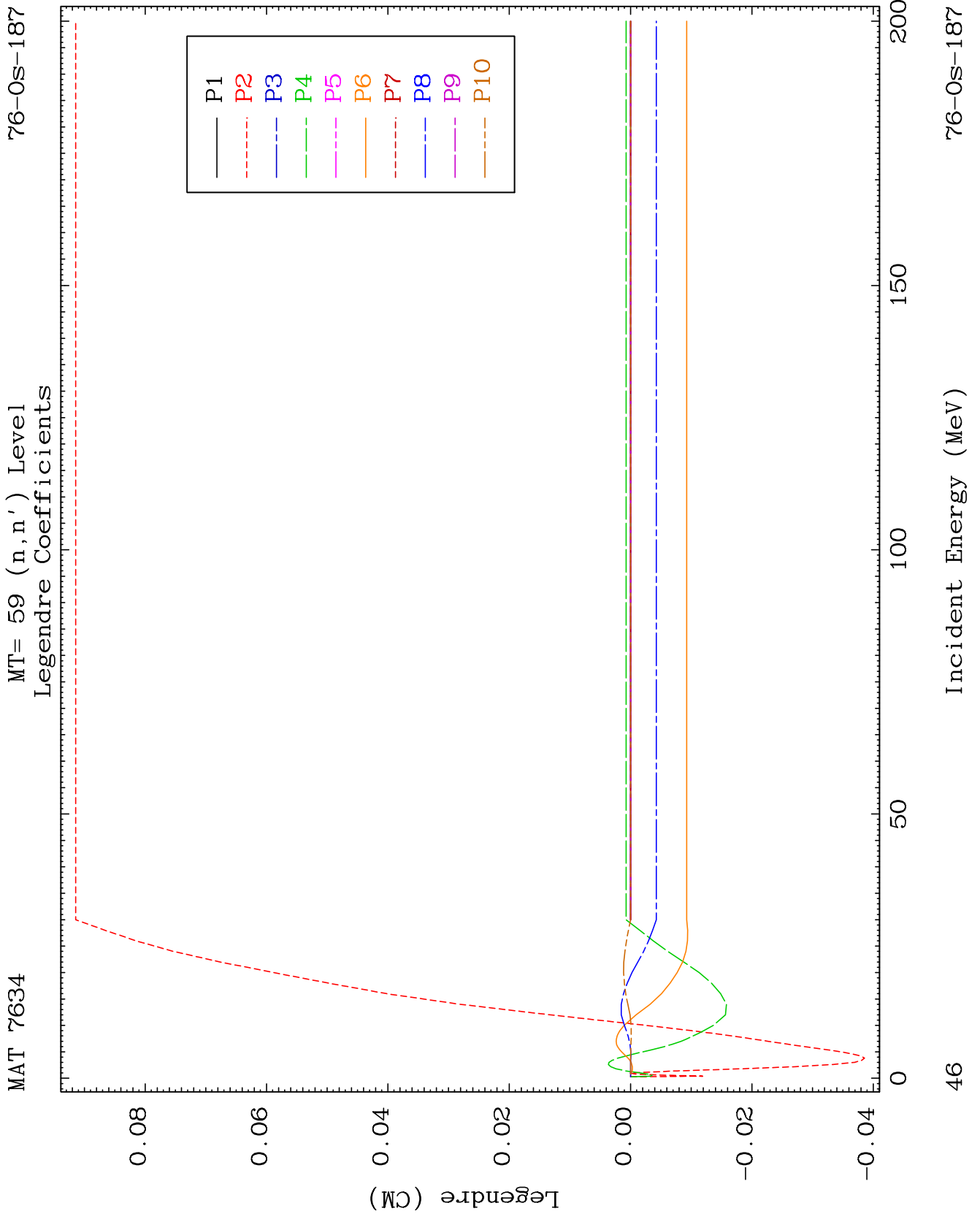


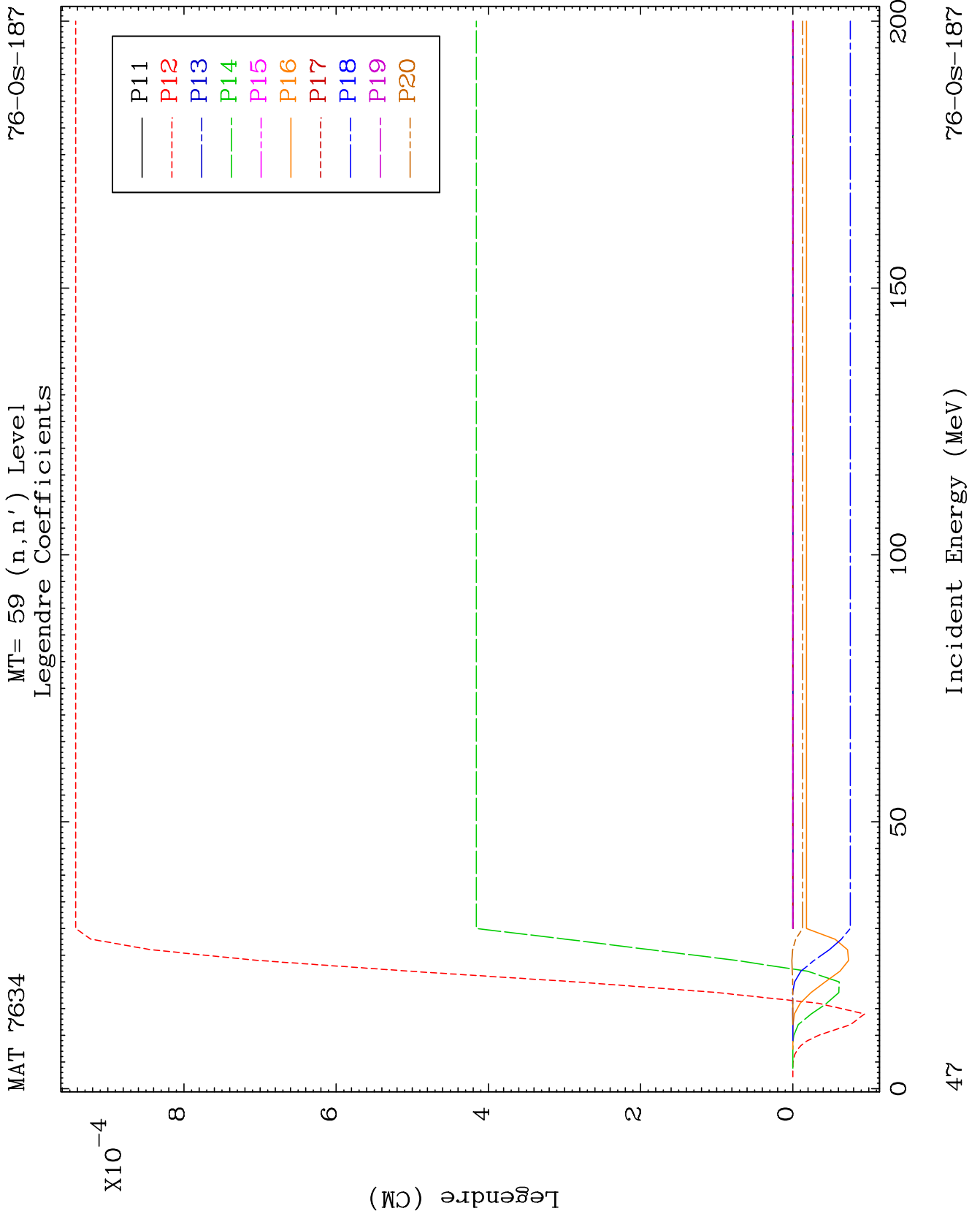
44

Incident Energy (MeV)

76-Os-187



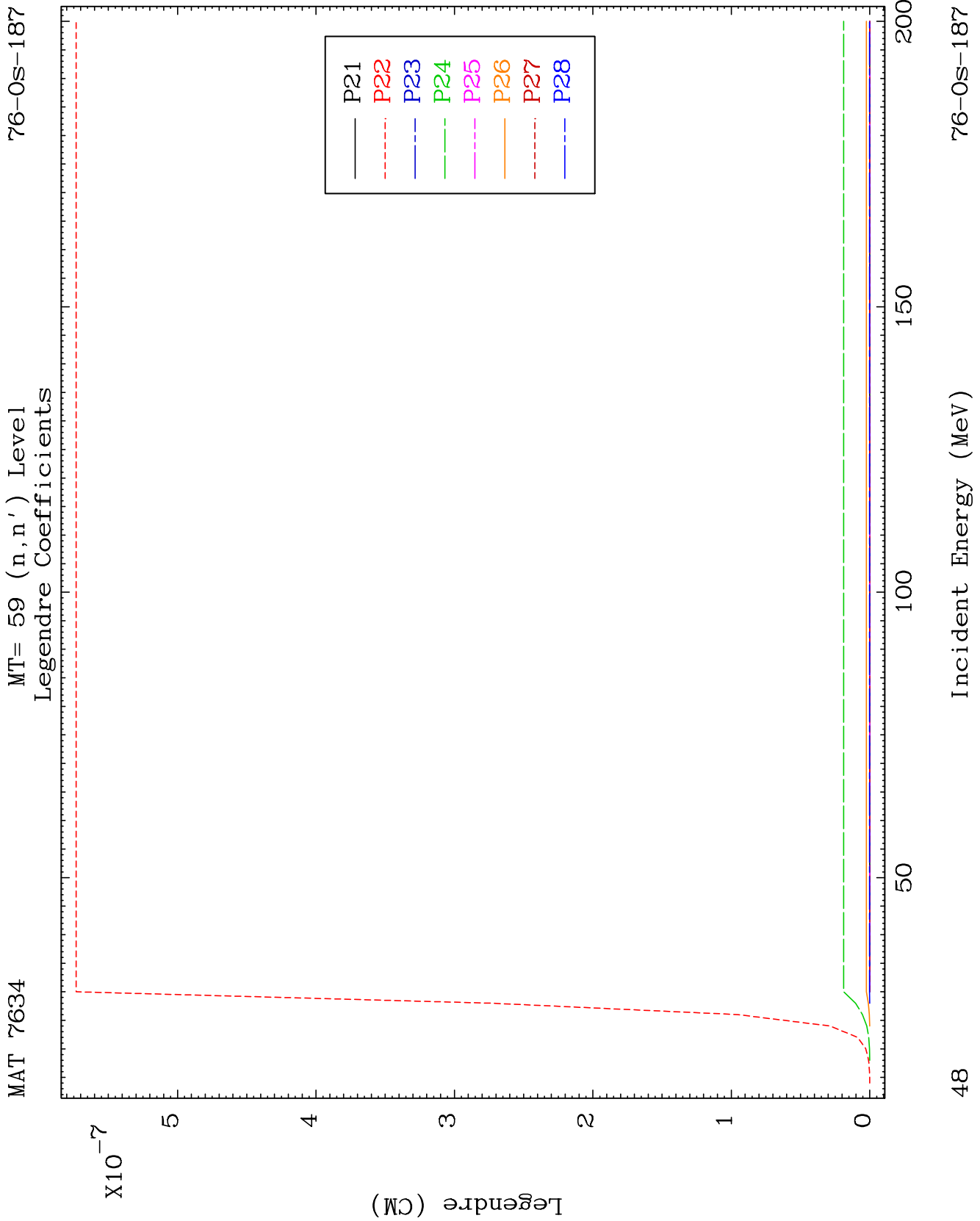


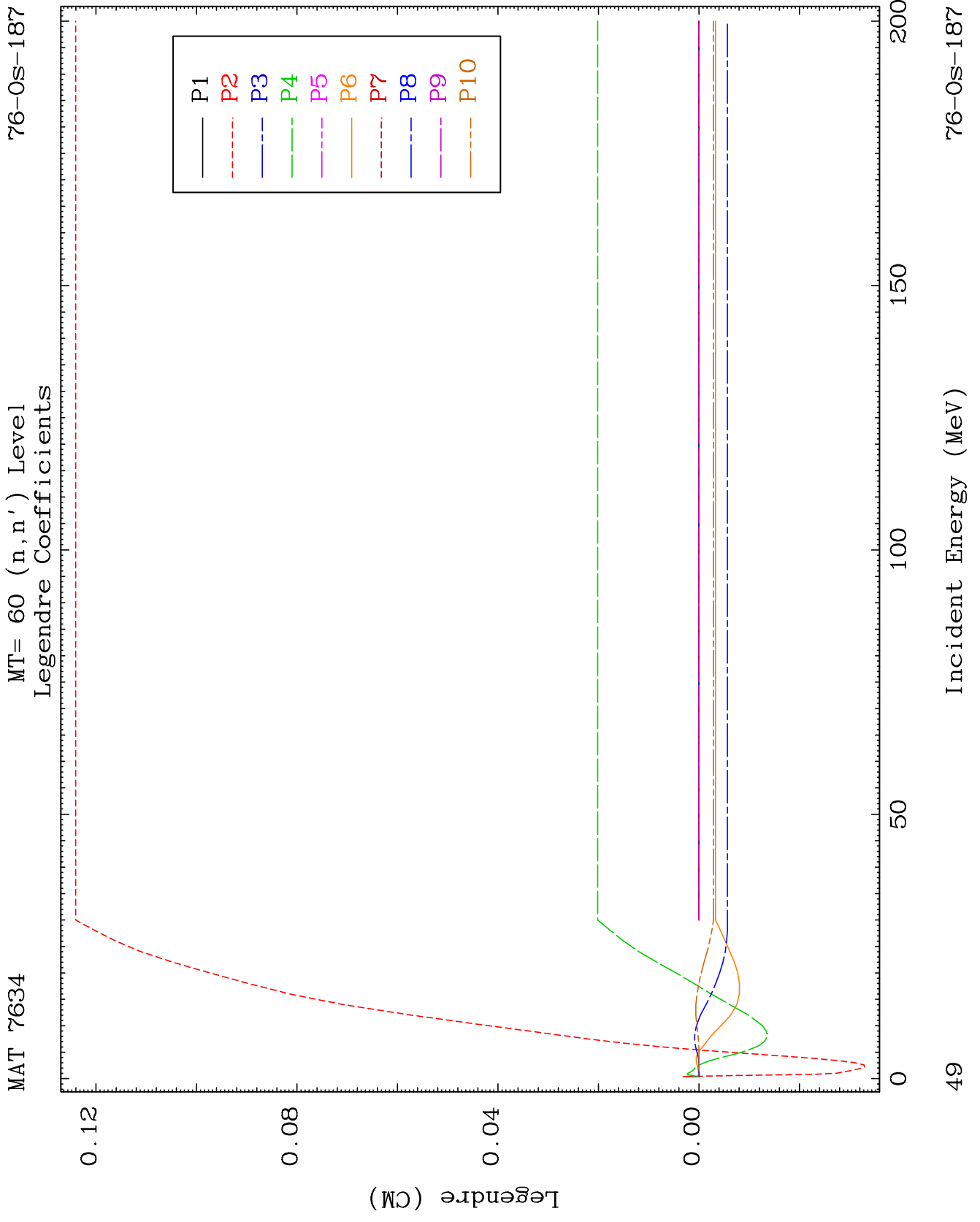


76-Os-187

Incident Energy (MeV)

47

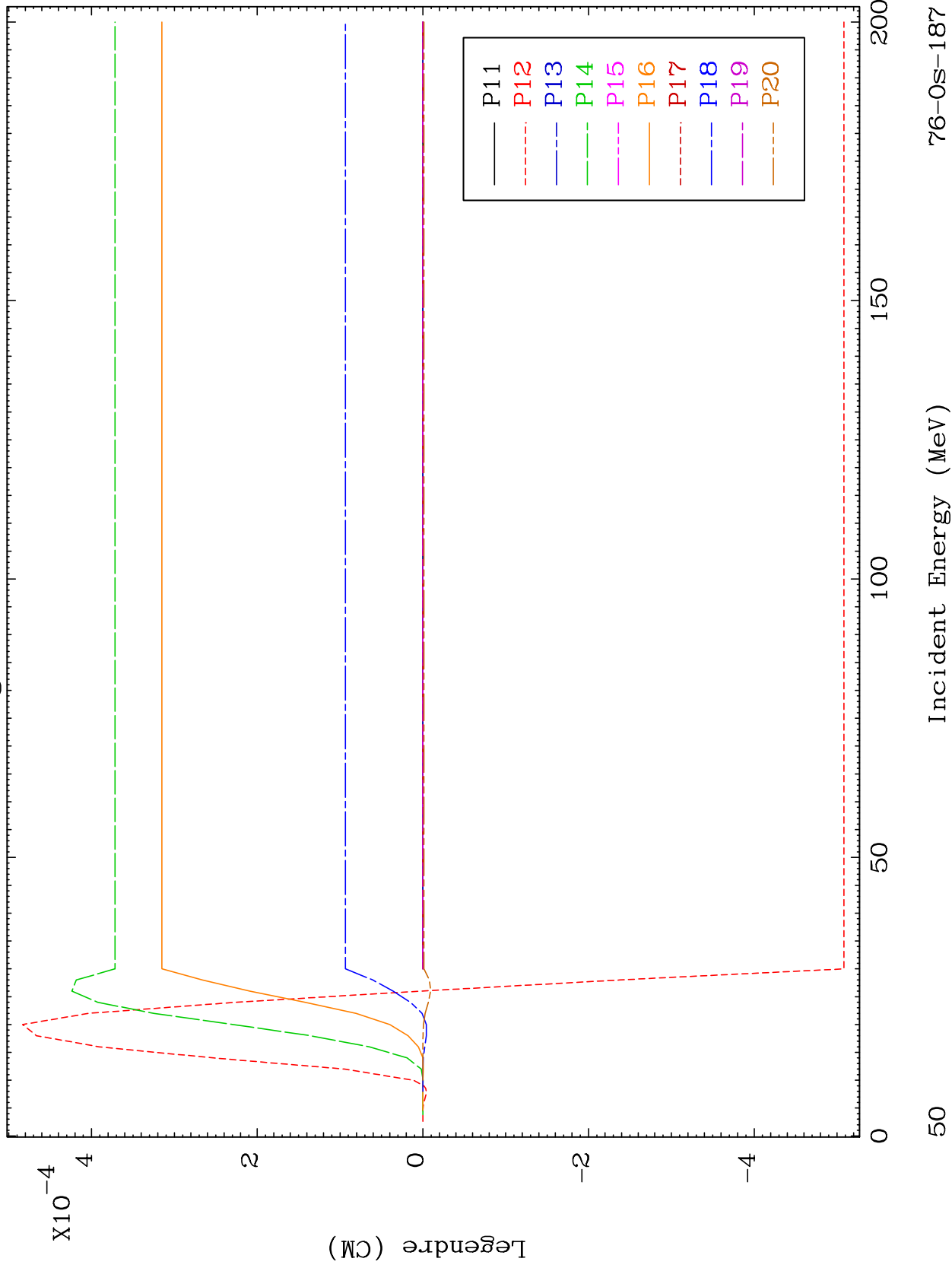


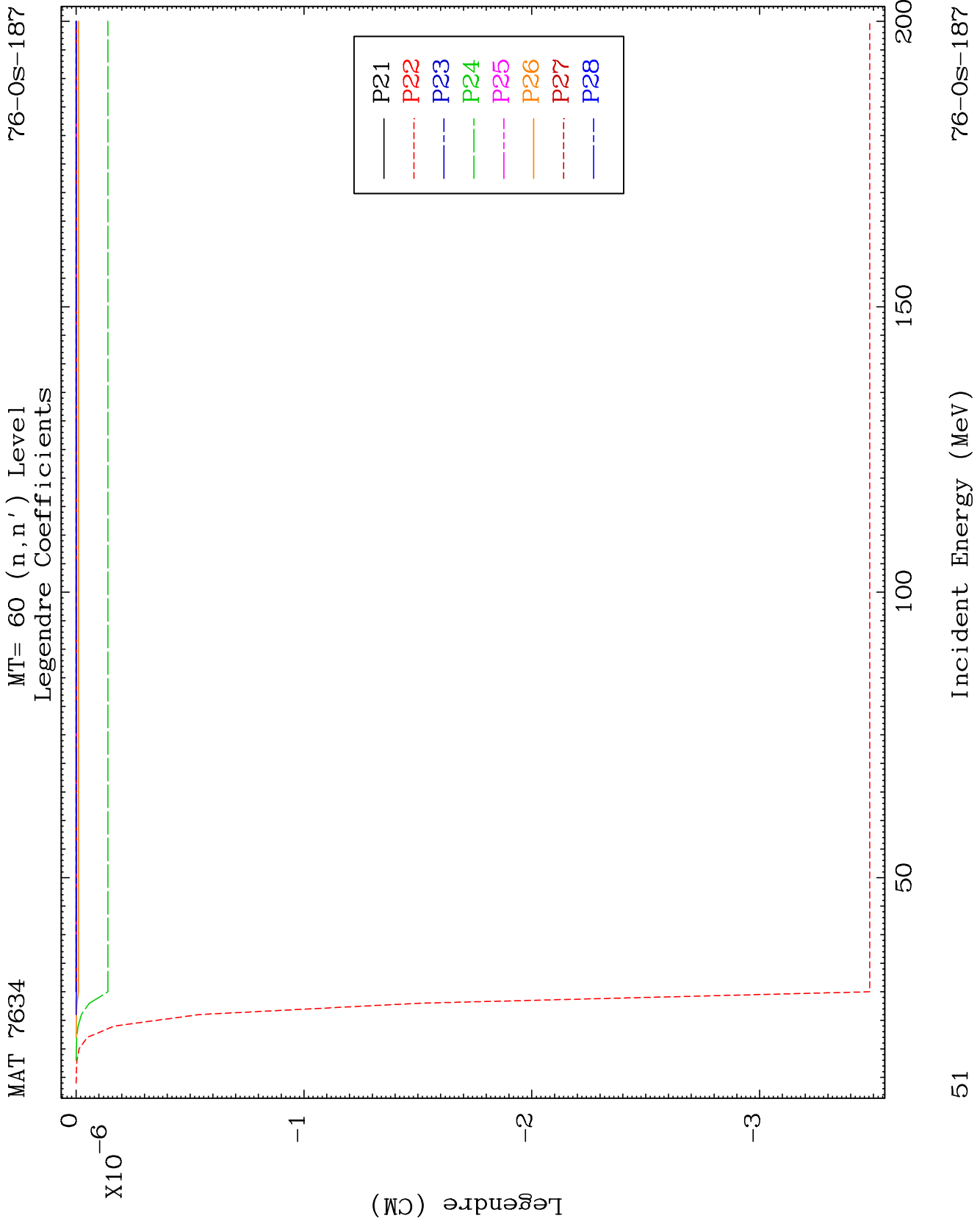


MAT 7634

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

76-Os-187

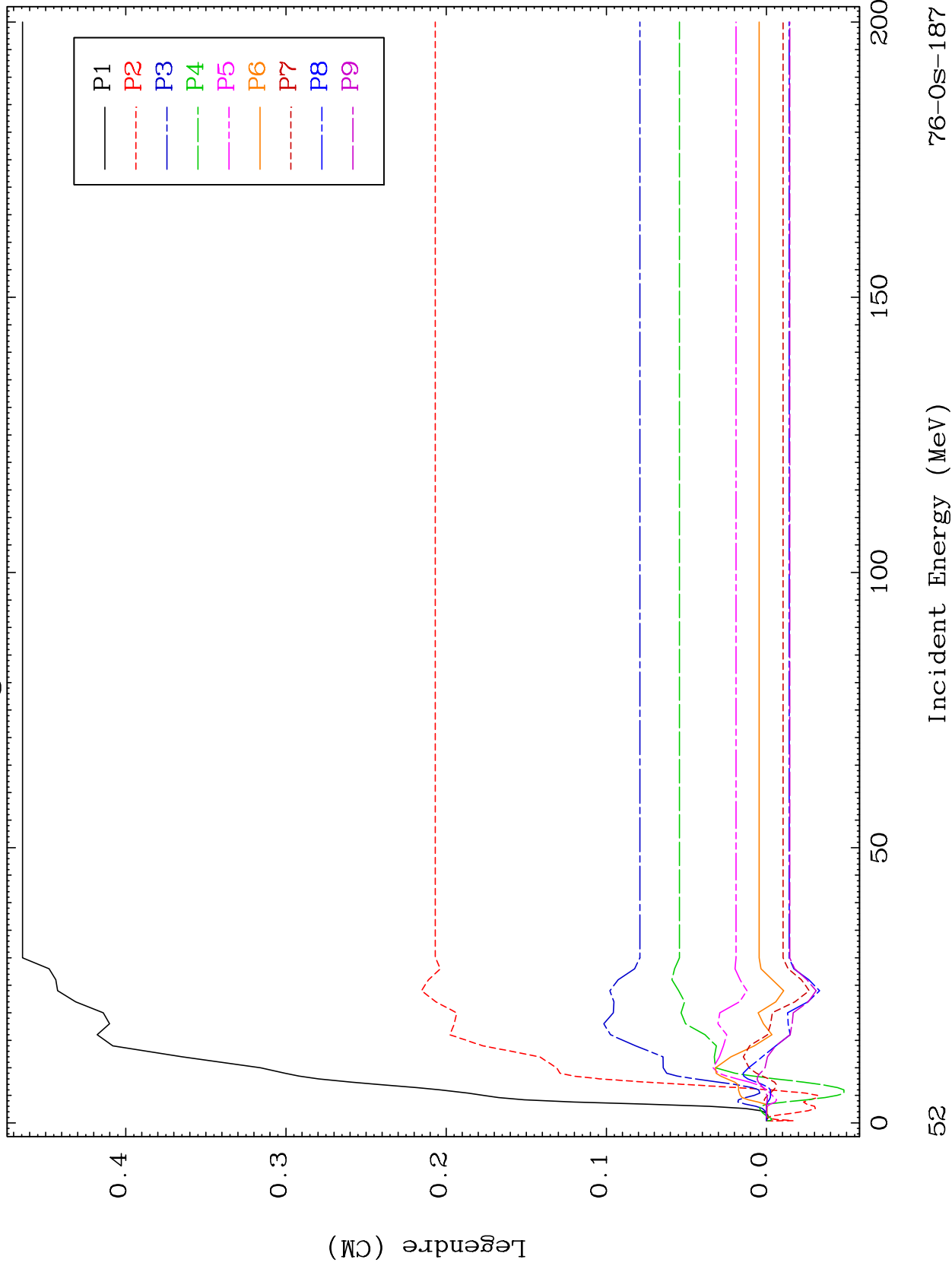




MAT 7634

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

76-Os-187



52

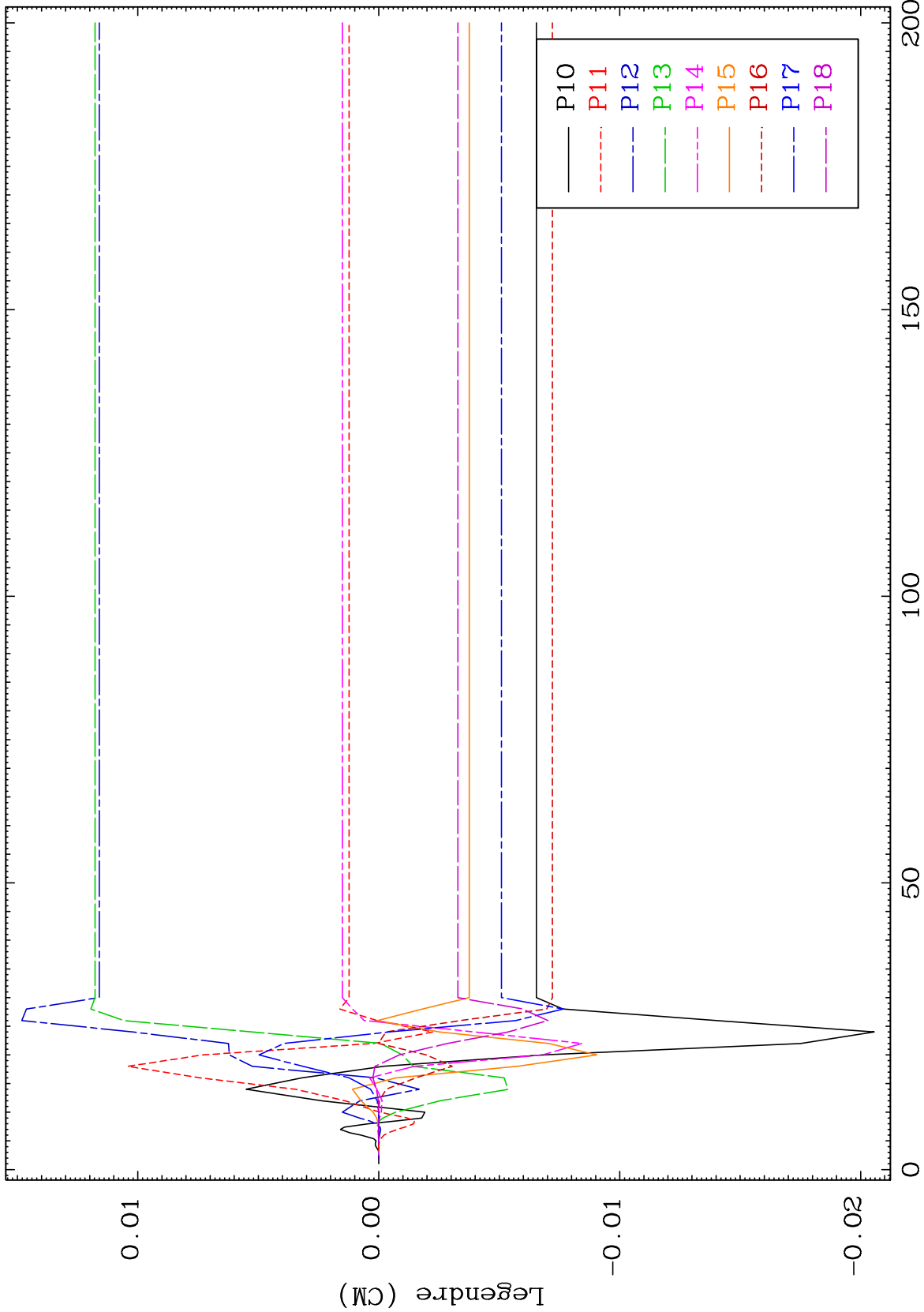
Incident Energy (MeV)

76-Os-187

MAT 7634

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

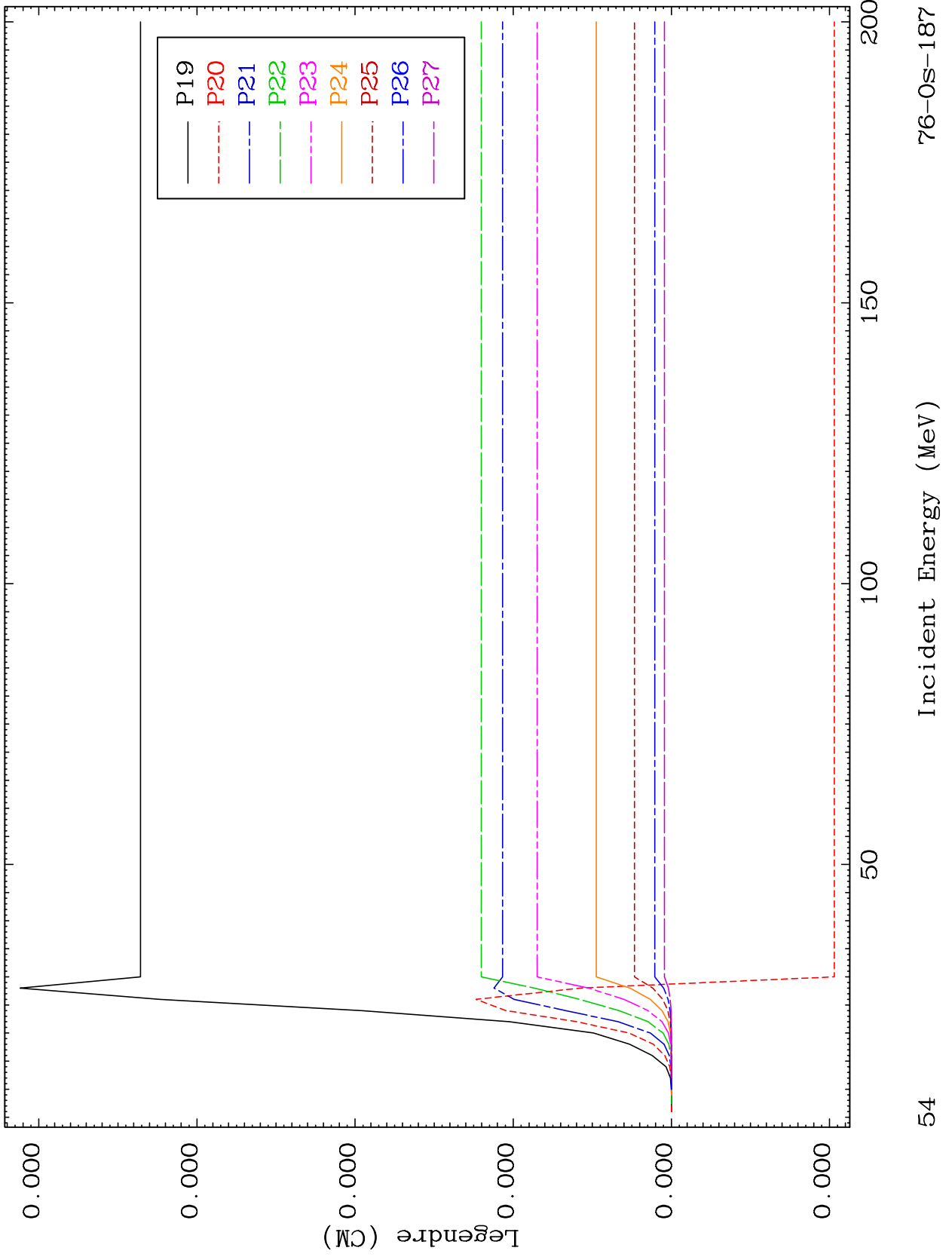
76-Os-187



53

Incident Energy (MeV)

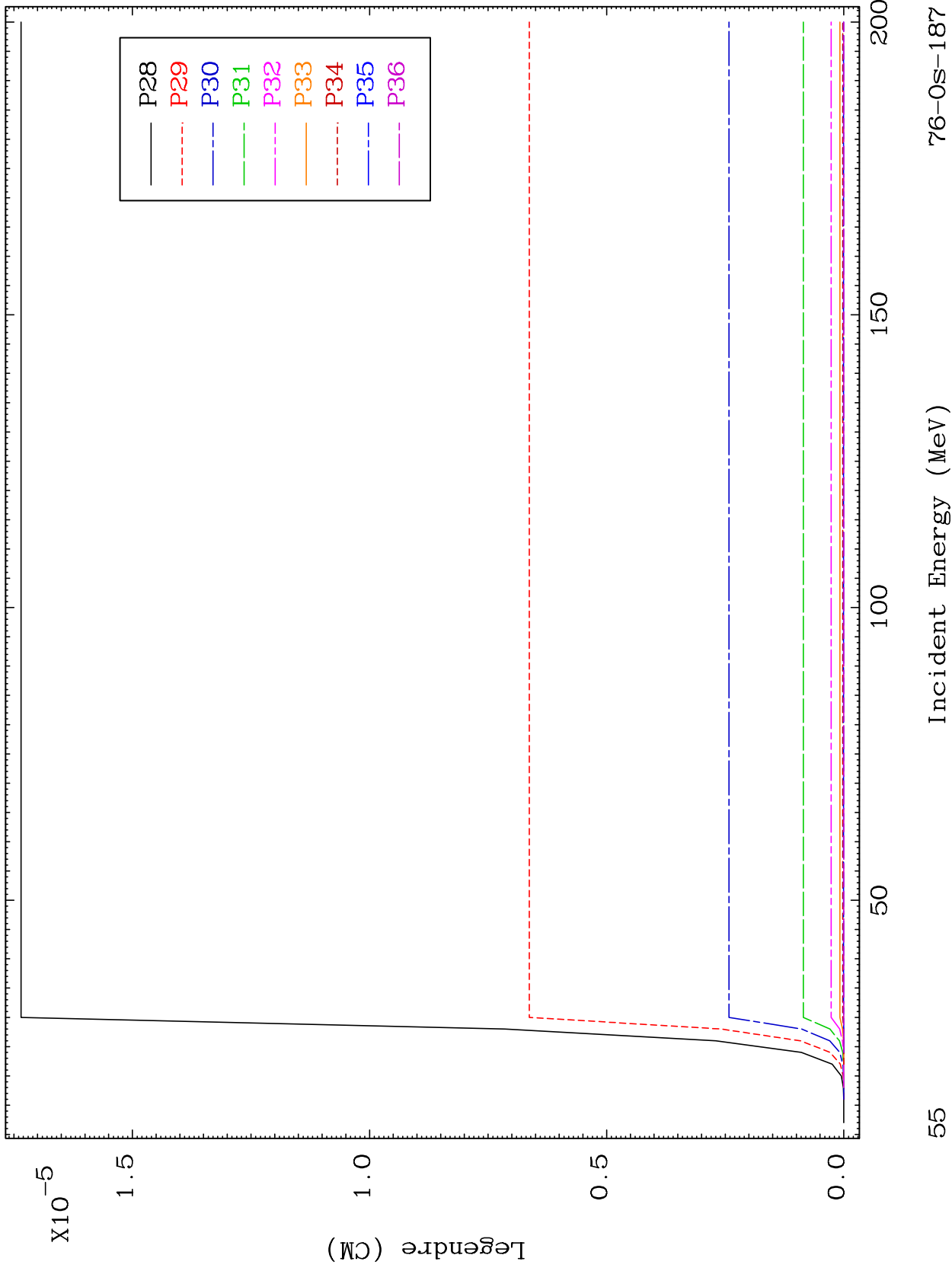
76-Os-187



MAT 7634

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

76-Os-187



55

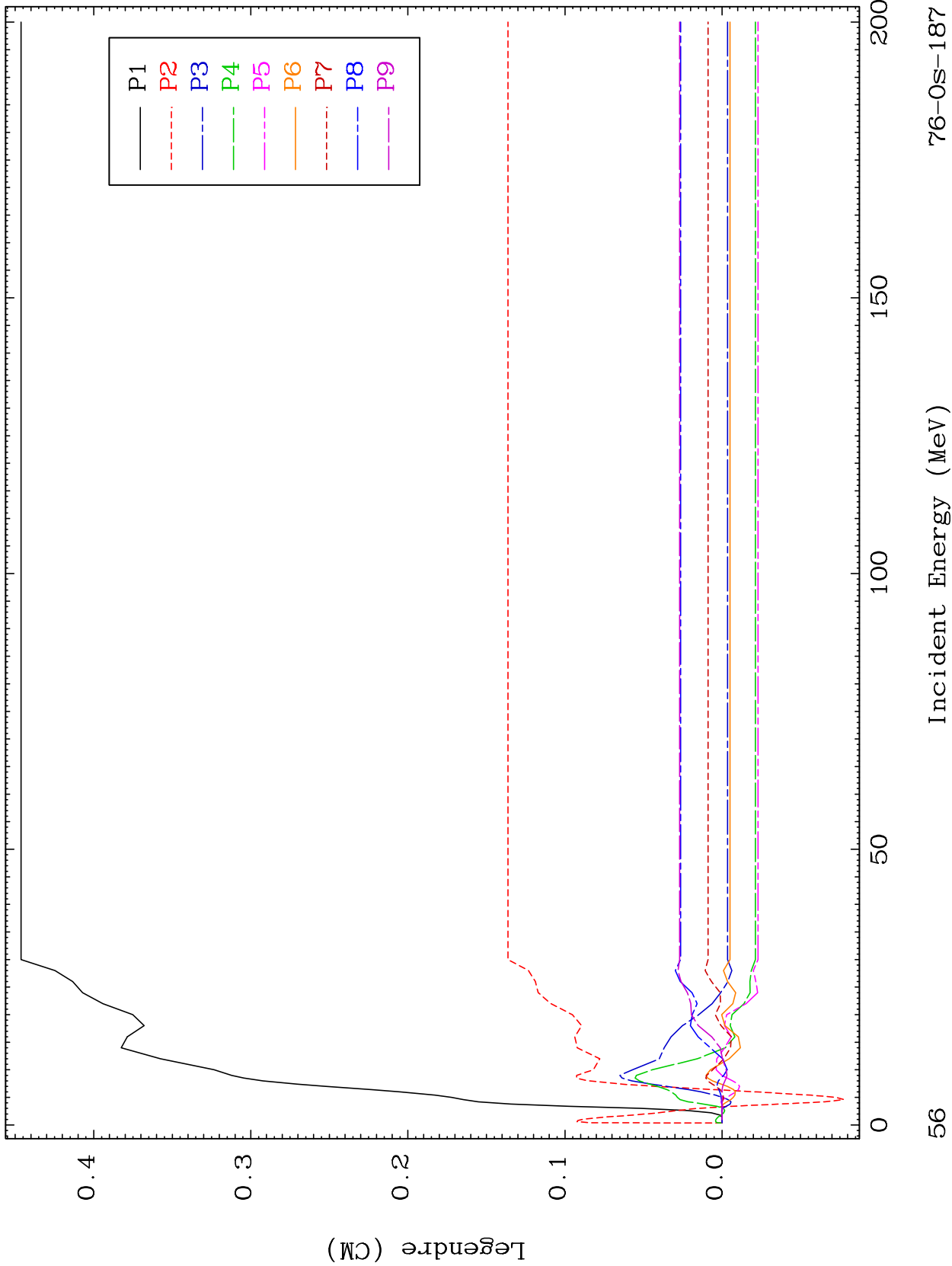
Incident Energy (MeV)

76-Os-187

MAT 7634

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

76-Os-187



76-Os-187

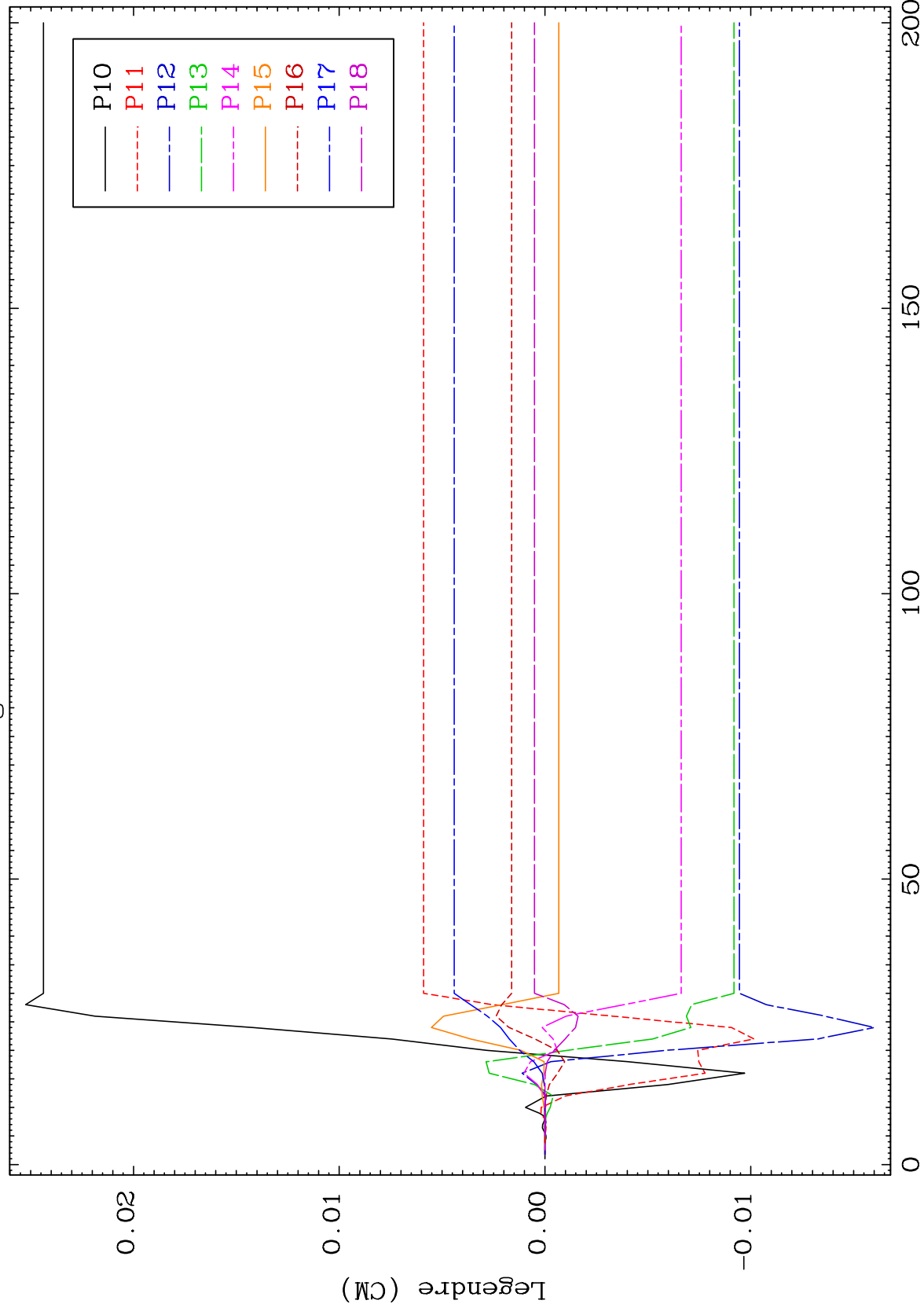
Incident Energy (MeV)

56

MAT 7634

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

76-Os-187



57

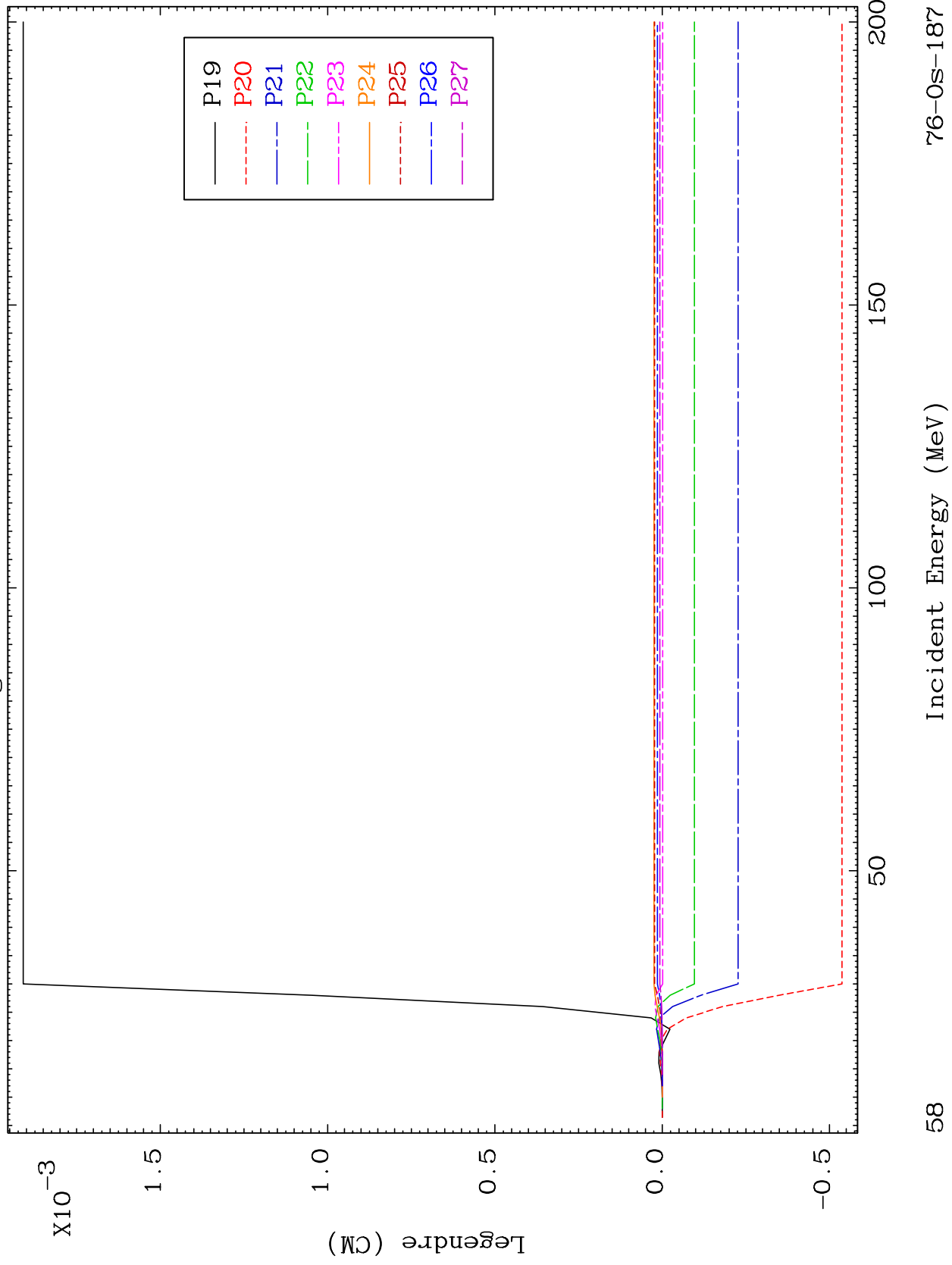
Incident Energy (MeV)

76-Os-187

MAT 7634

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

76-Os-187



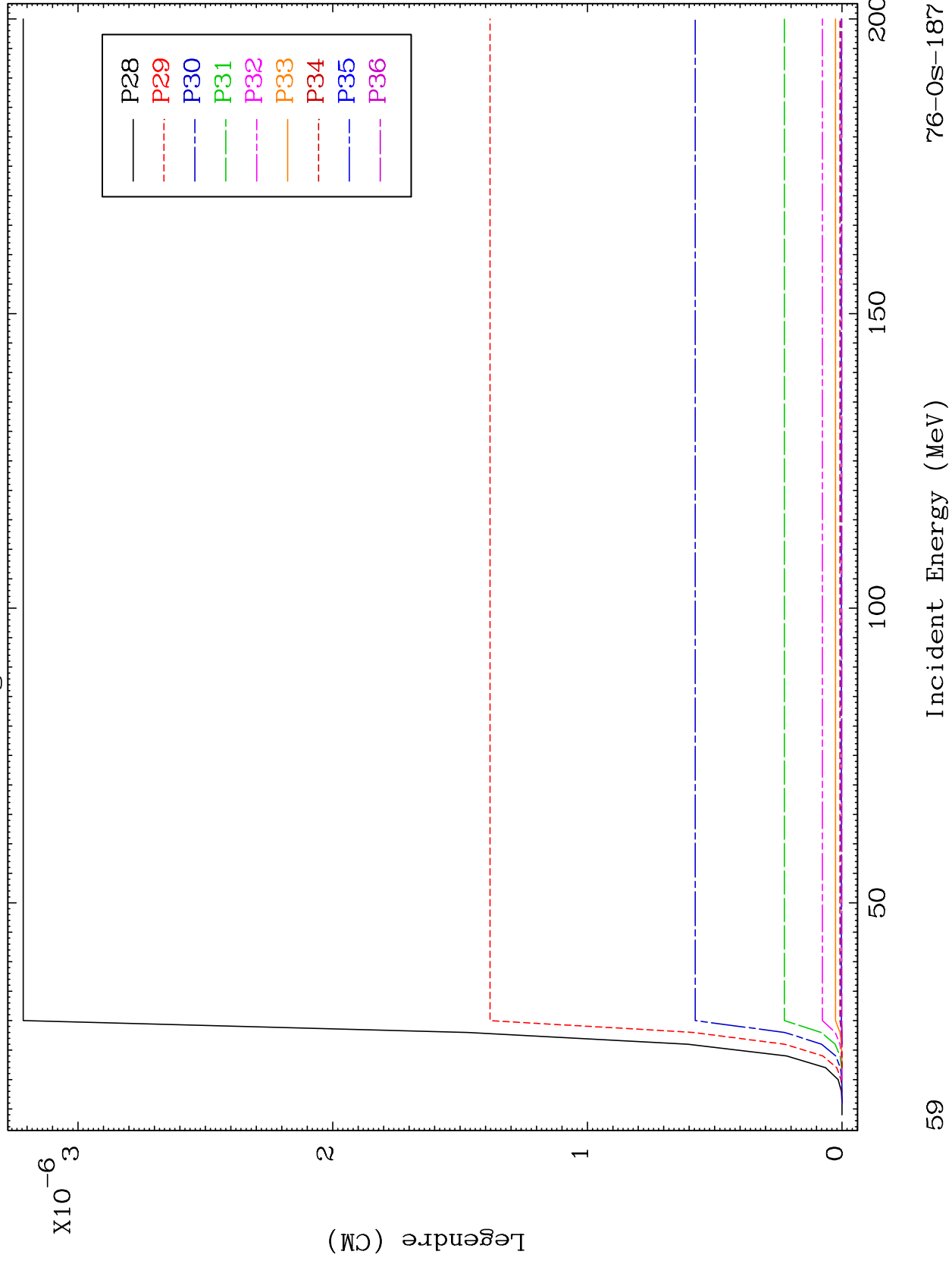
58

76-Os-187

MAT 7634

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

76-Os-187



59

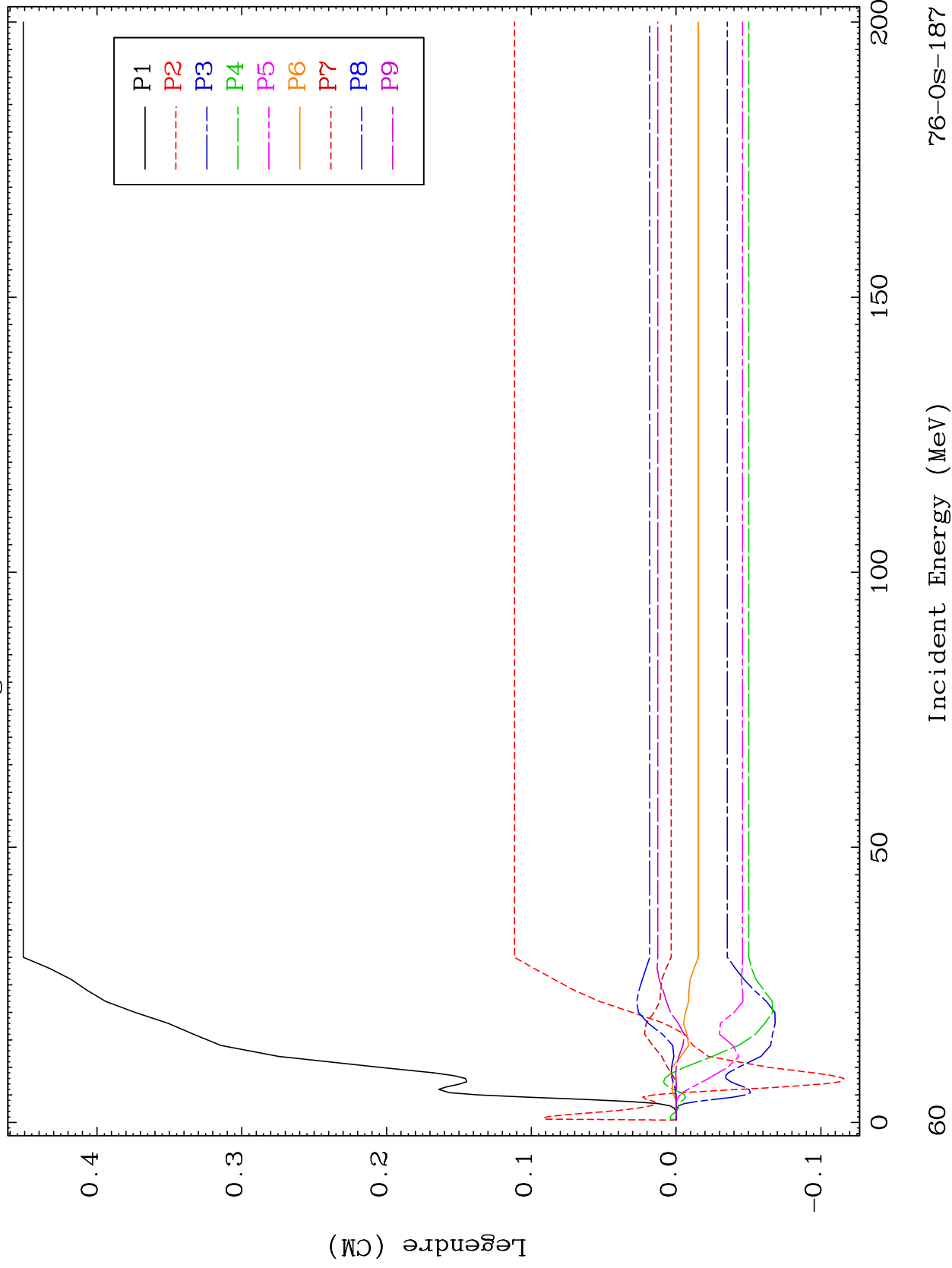
Incident Energy (MeV)

76-Os-187

MAT 7634

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

76-Os-187



76-Os-187

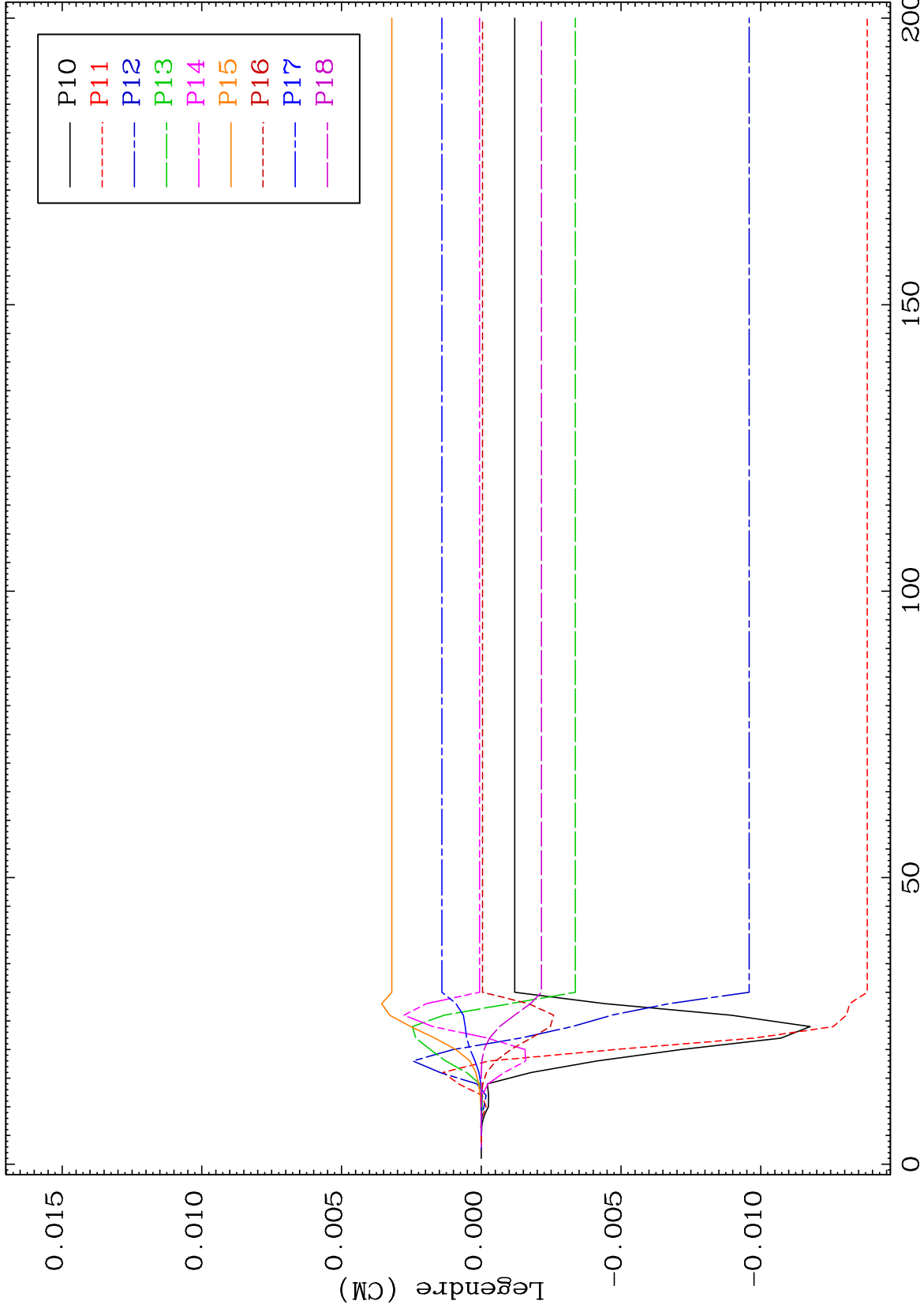
Incident Energy (MeV)

60

MAT 7634

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

76-Os-187



61

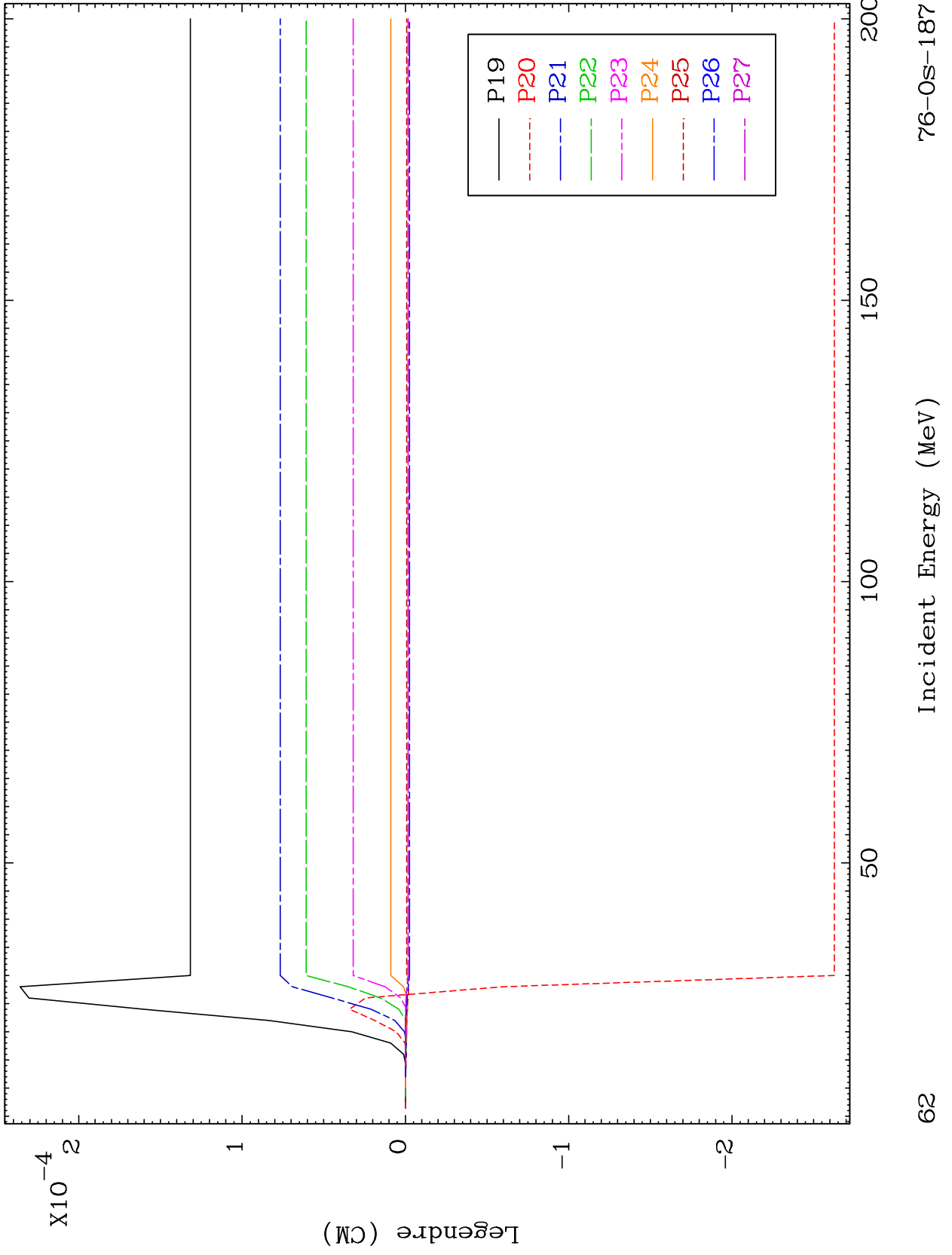
Incident Energy (MeV)

76-Os-187

MAT 7634

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

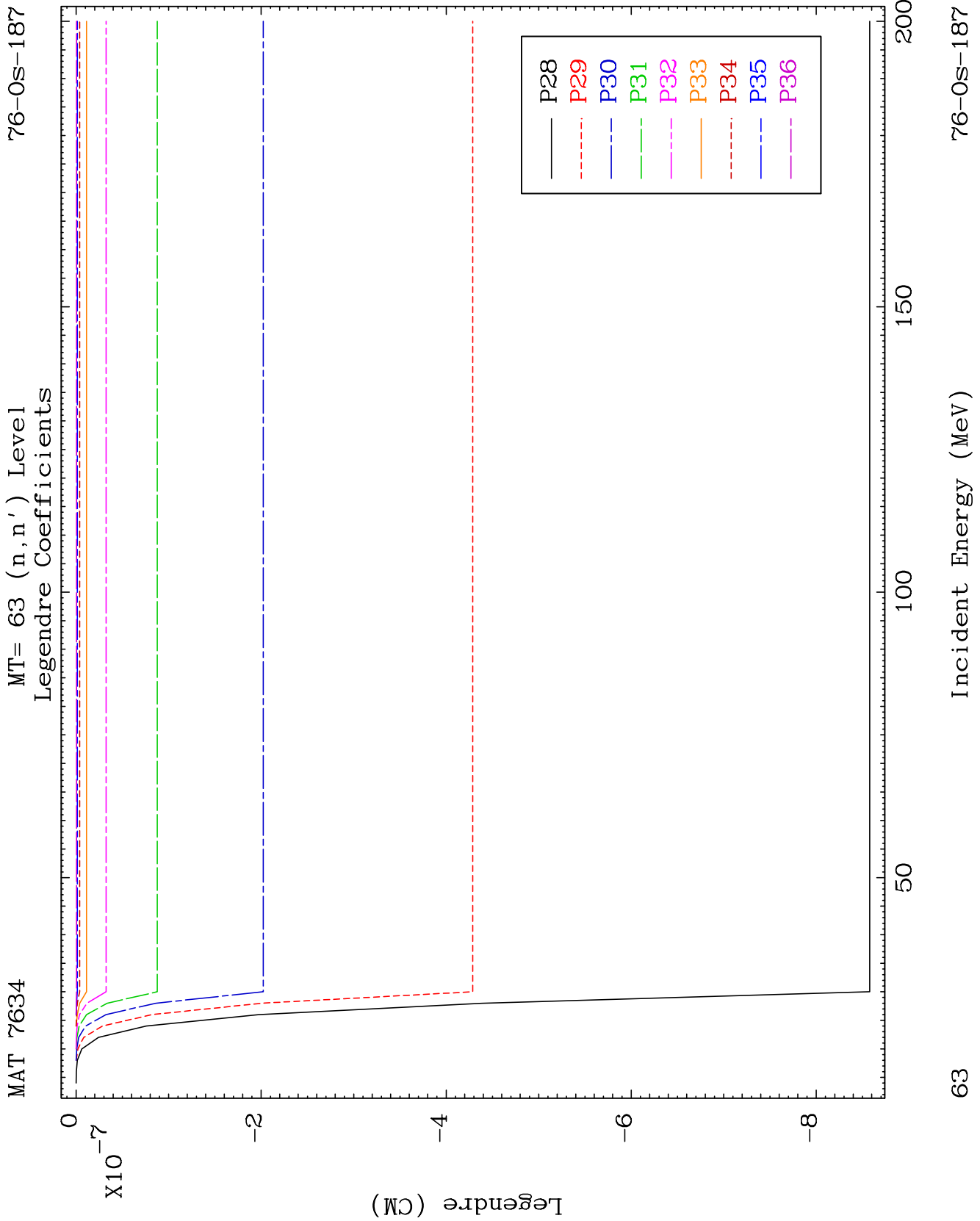
76-Os-187



62

Incident Energy (MeV)

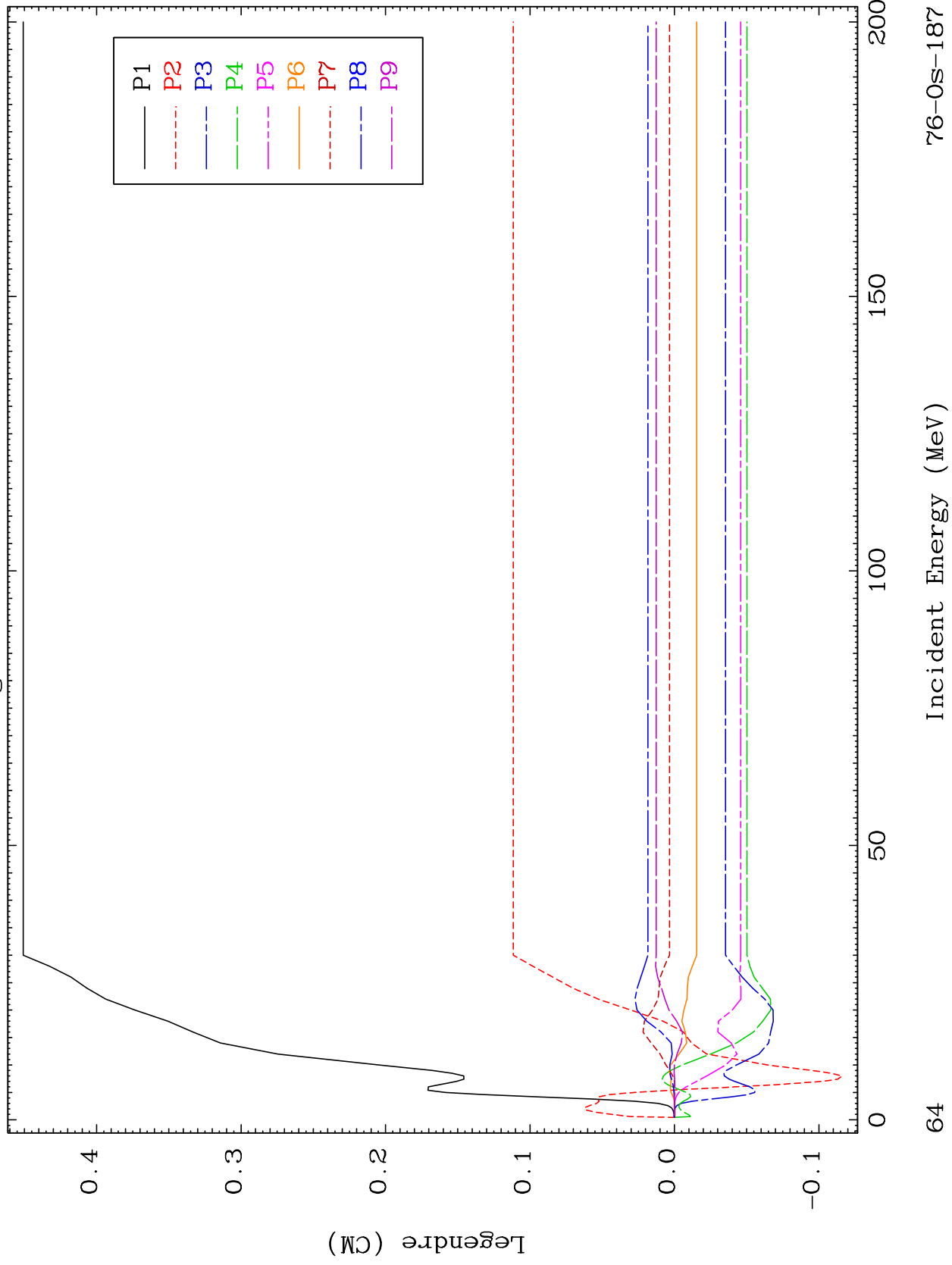
76-Os-187



MAT 7634

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

76-Os-187



76-Os-187

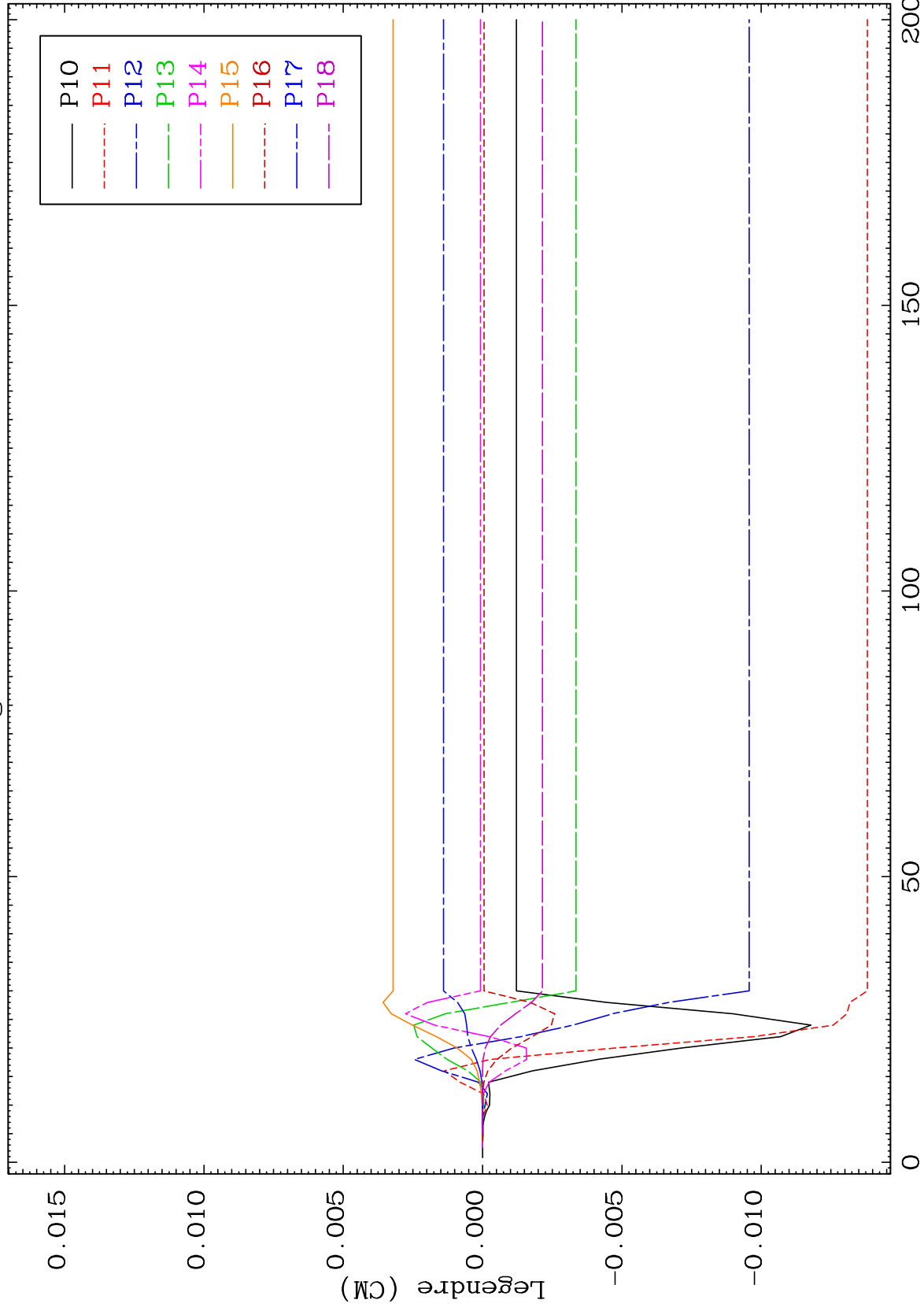
Incident Energy (MeV)

64

MAT 7634

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

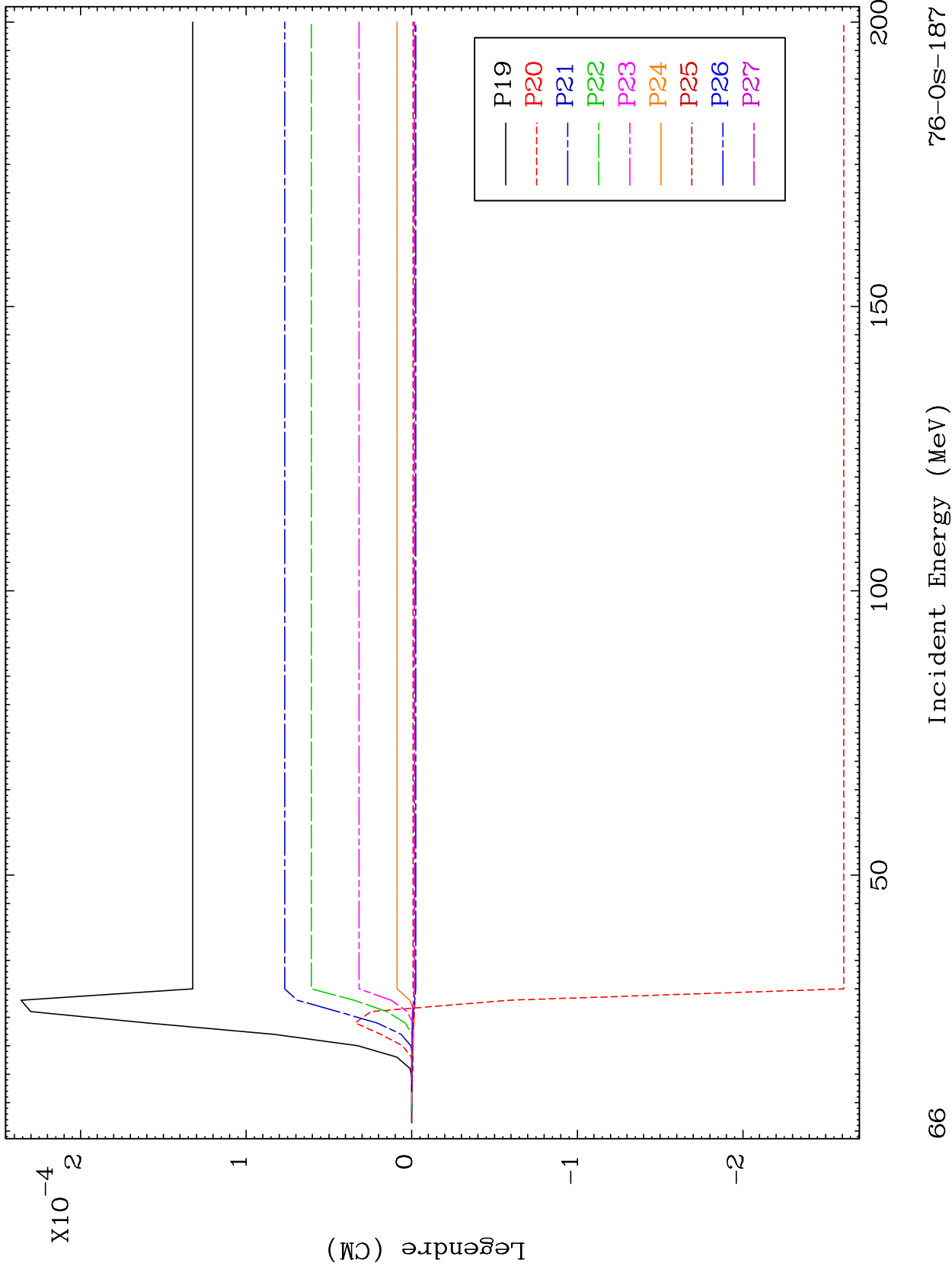
76-Os-187

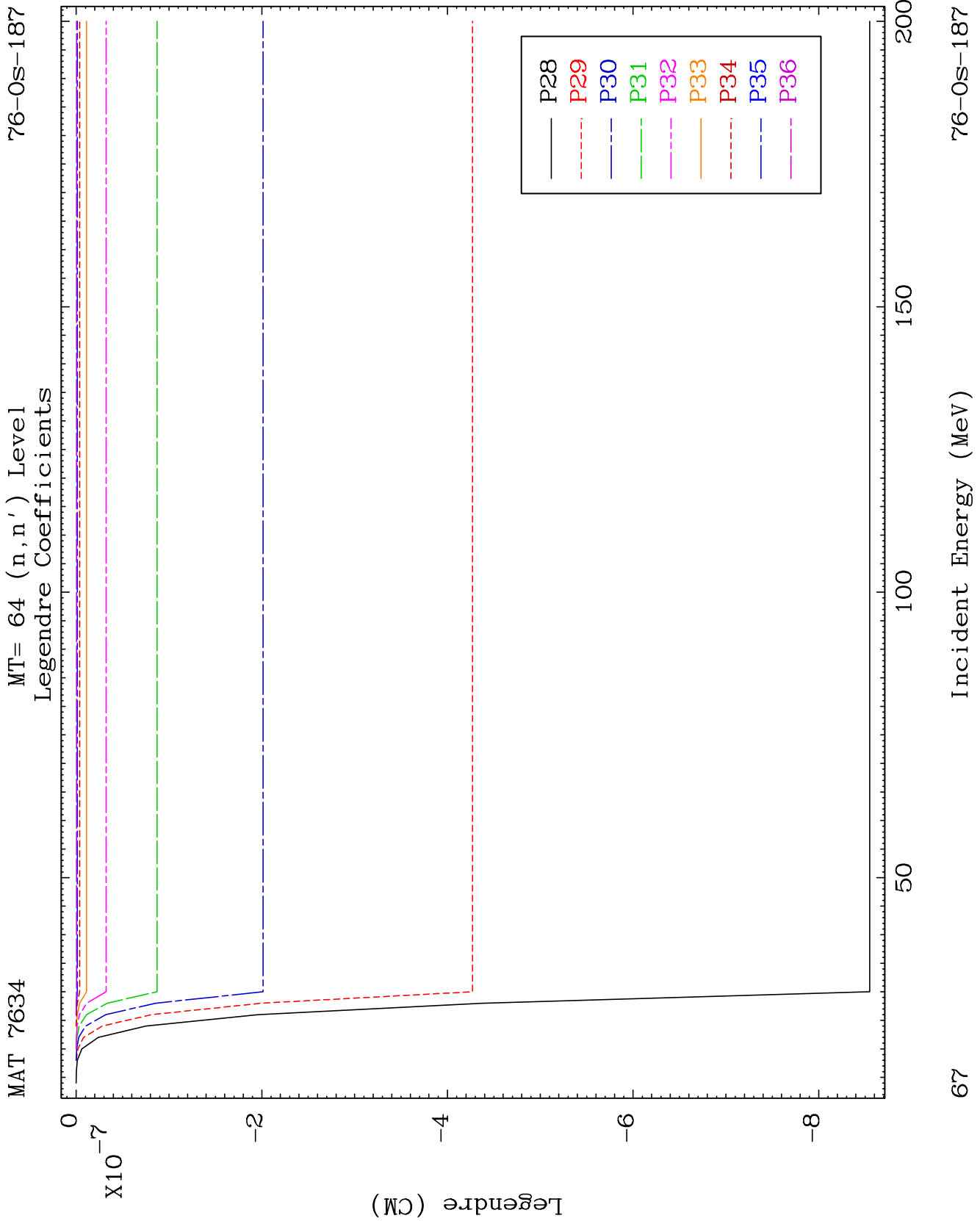


65

Incident Energy (MeV)

76-Os-187

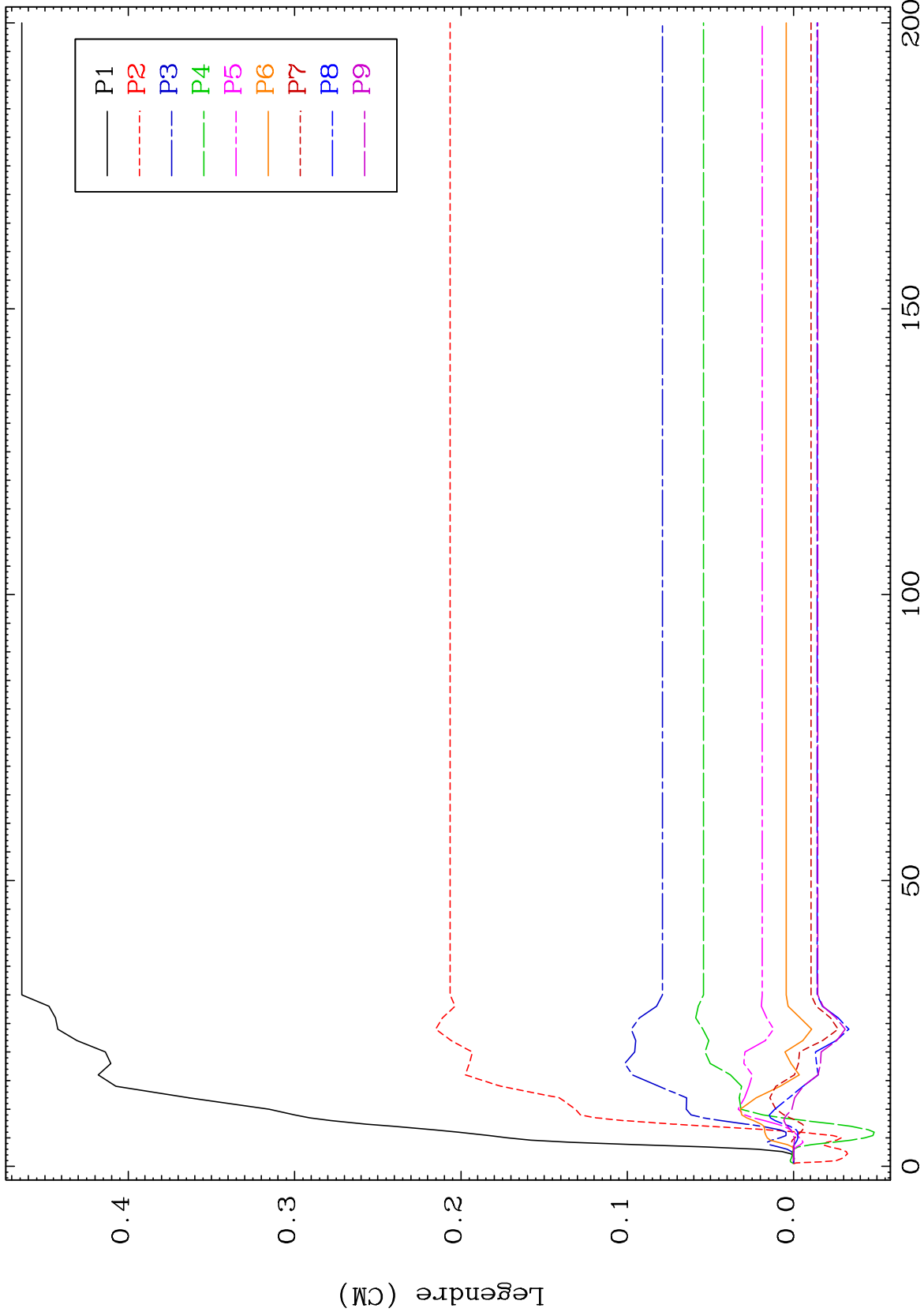




MAT 7634

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

76-Os-187



68

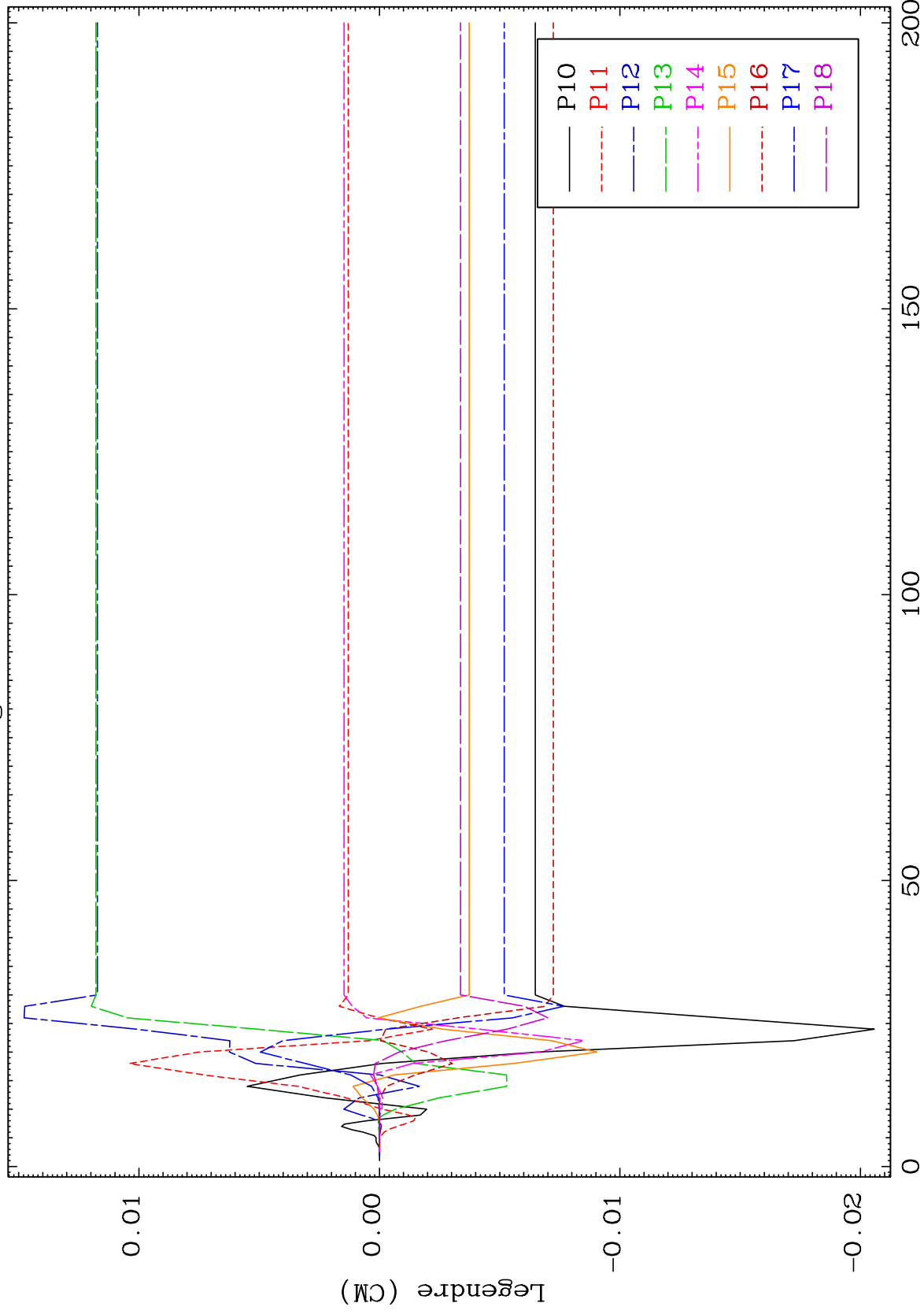
Incident Energy (MeV)

76-Os-187

MAT 7634

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

76-0s-187



69

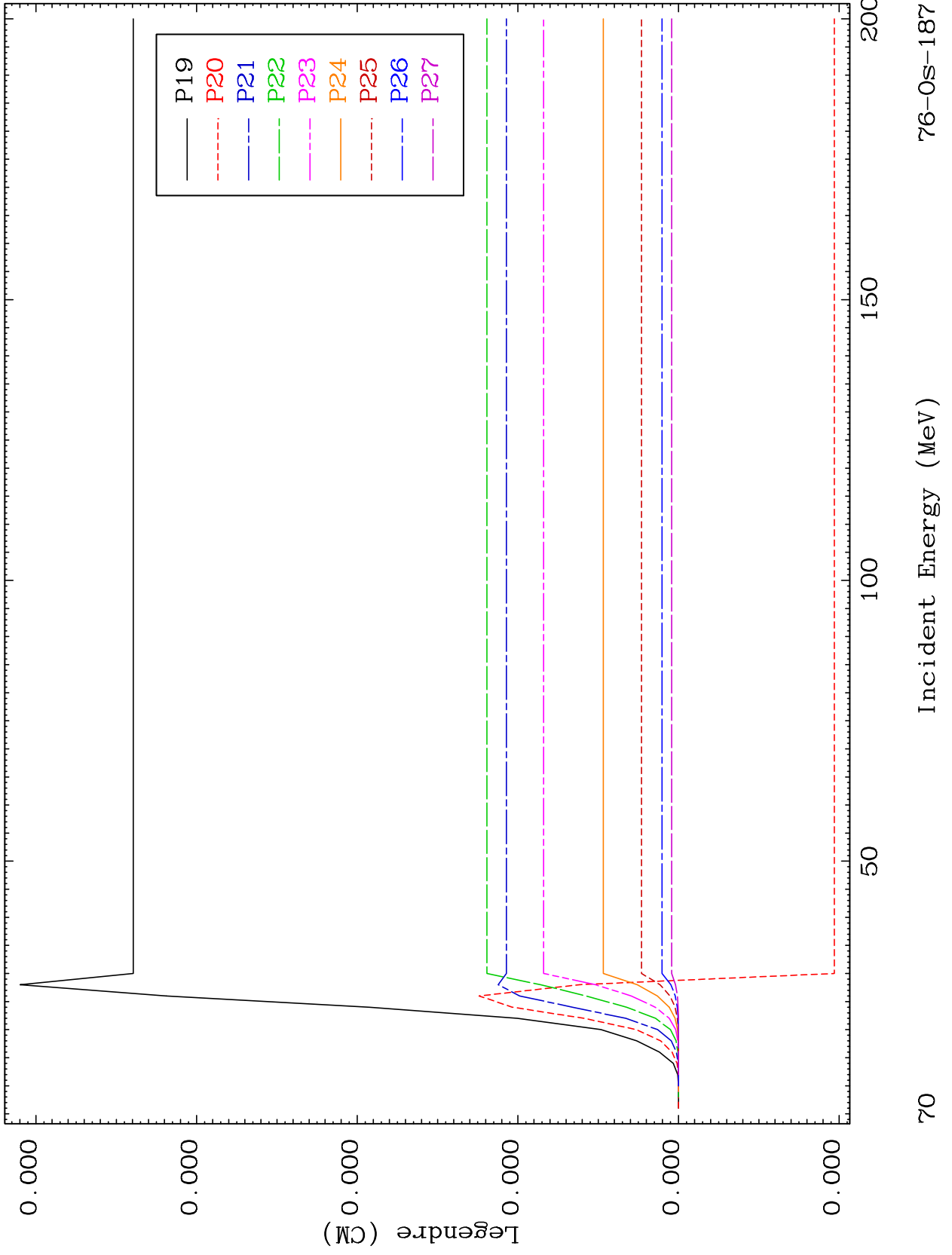
Incident Energy (MeV)

76-0s-187

MAT 7634

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

76-Os-187



70

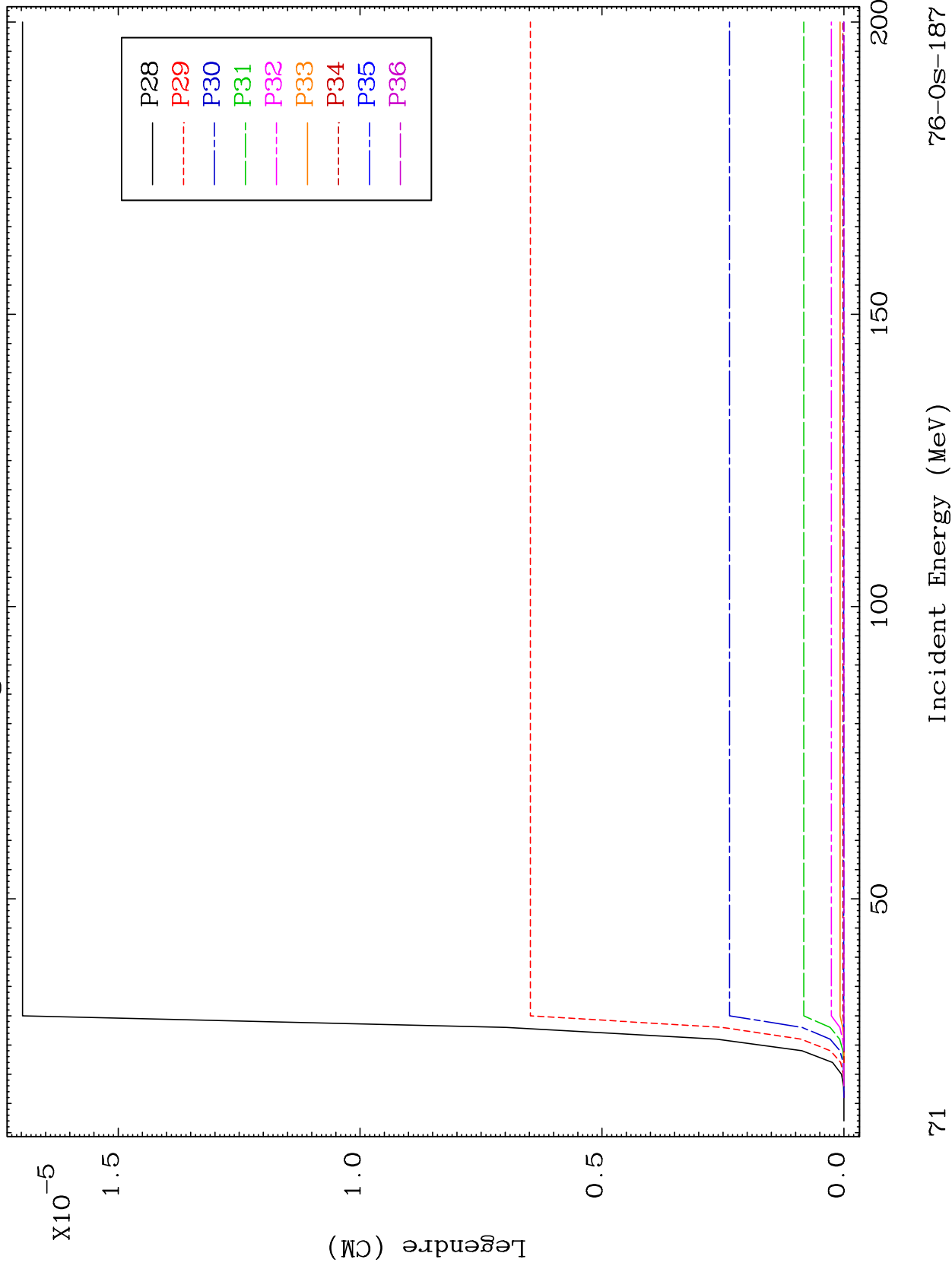
Incident Energy (MeV)

76-Os-187

MAT 7634

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

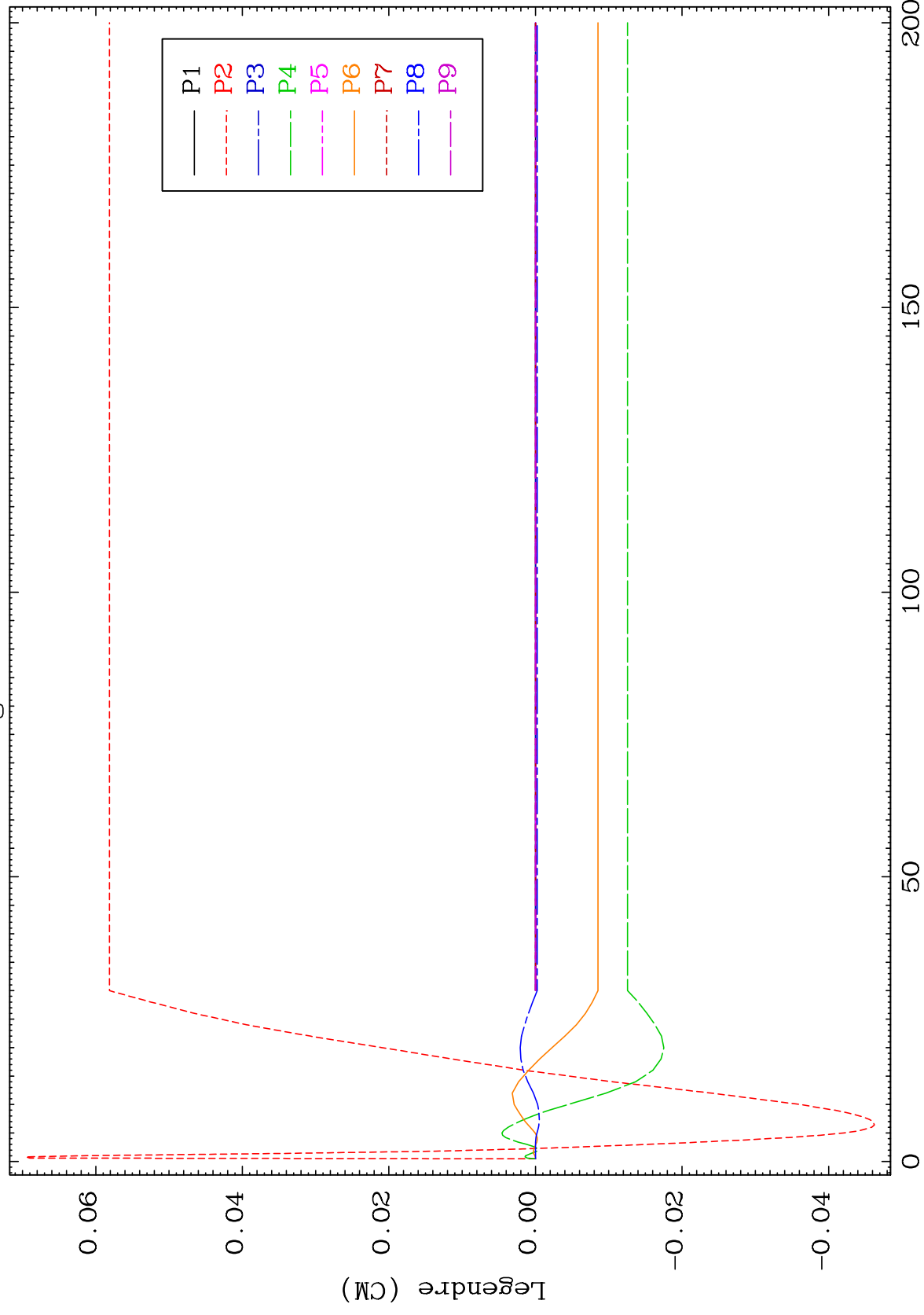
76-Os-187



MAT 7634

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

76-Os-187



72

Incident Energy (MeV)

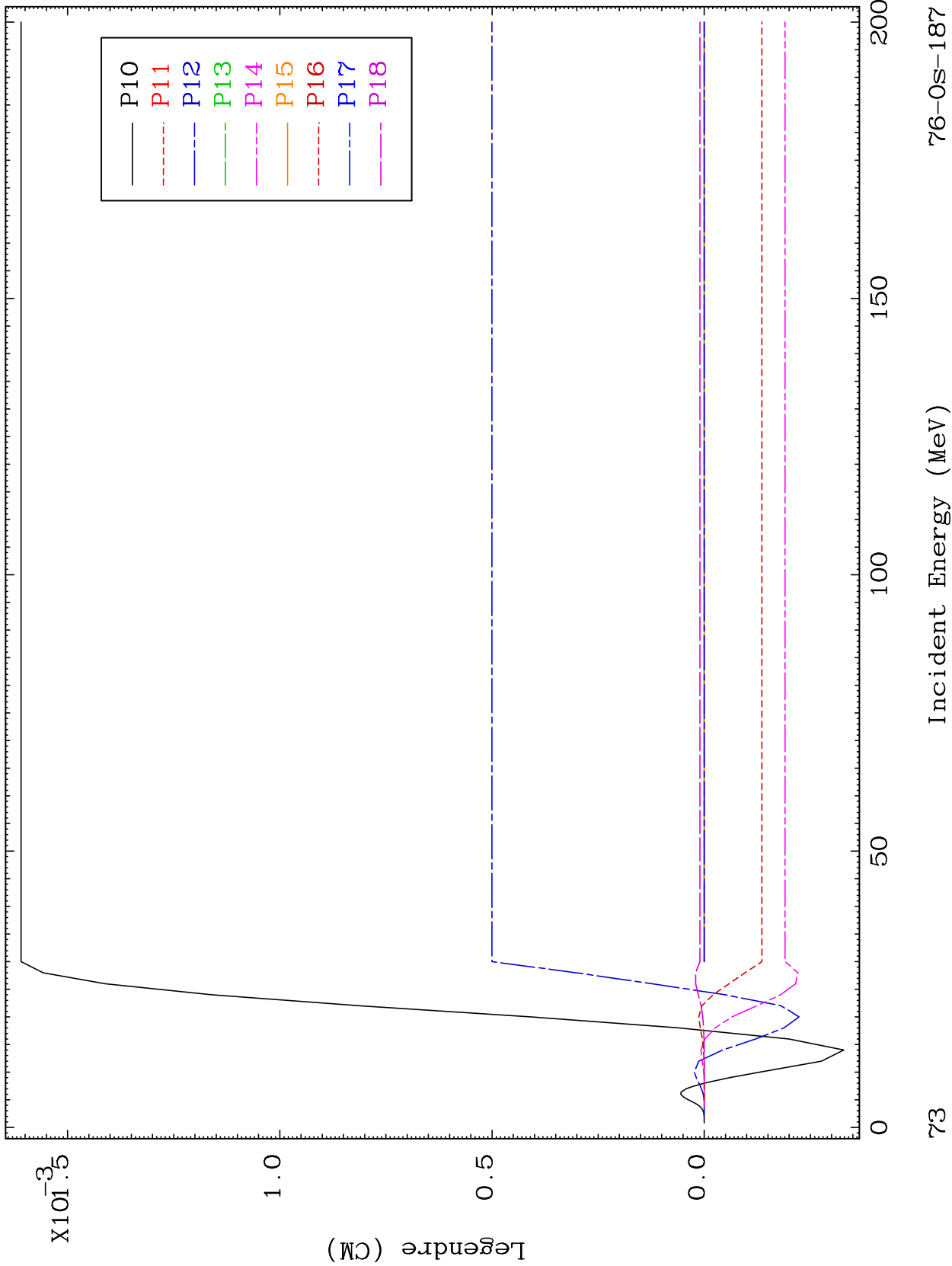
76-Os-187

MAT 7634

MT= 66 (n,n') Level

76-Os-187

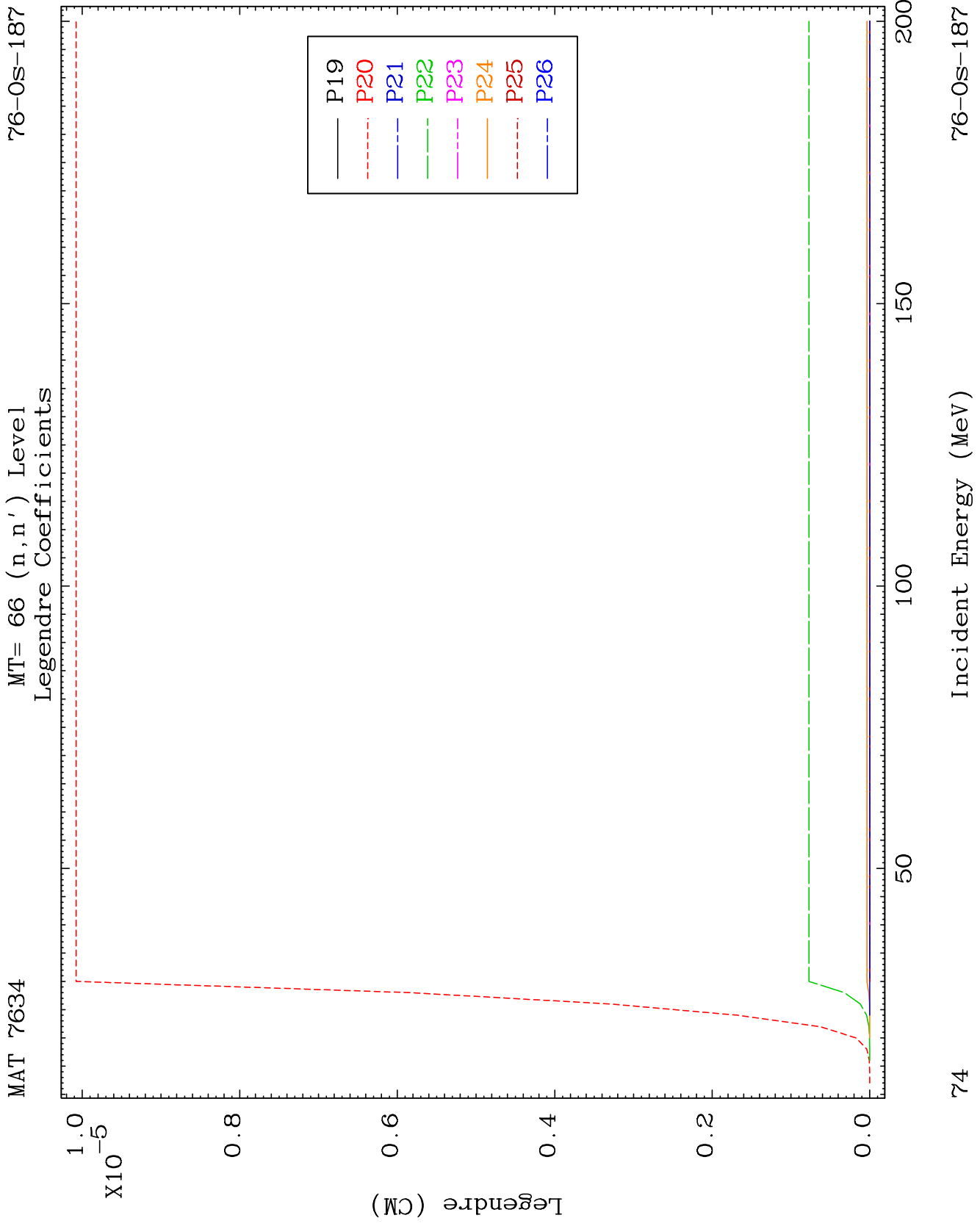
Legendre Coefficients

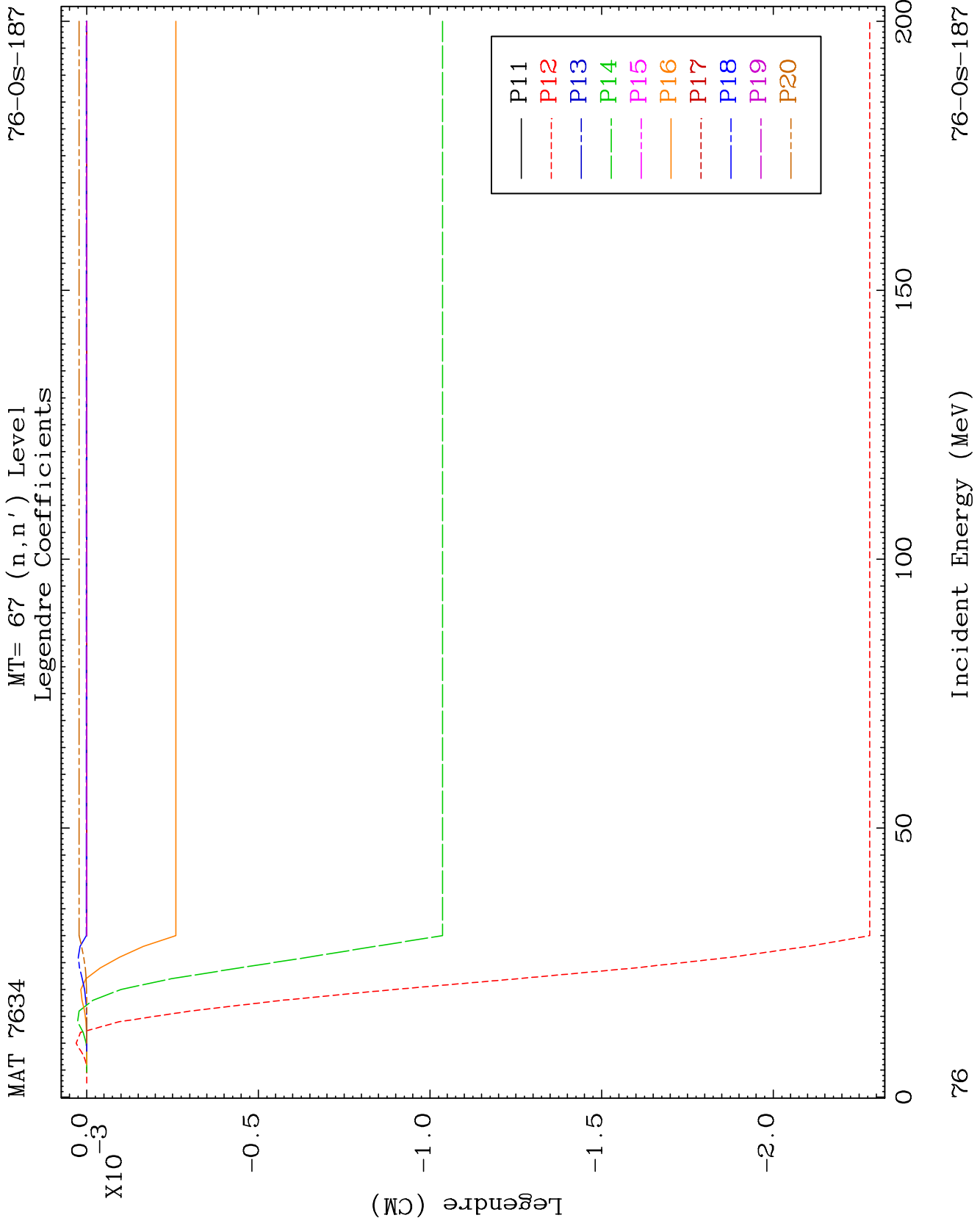


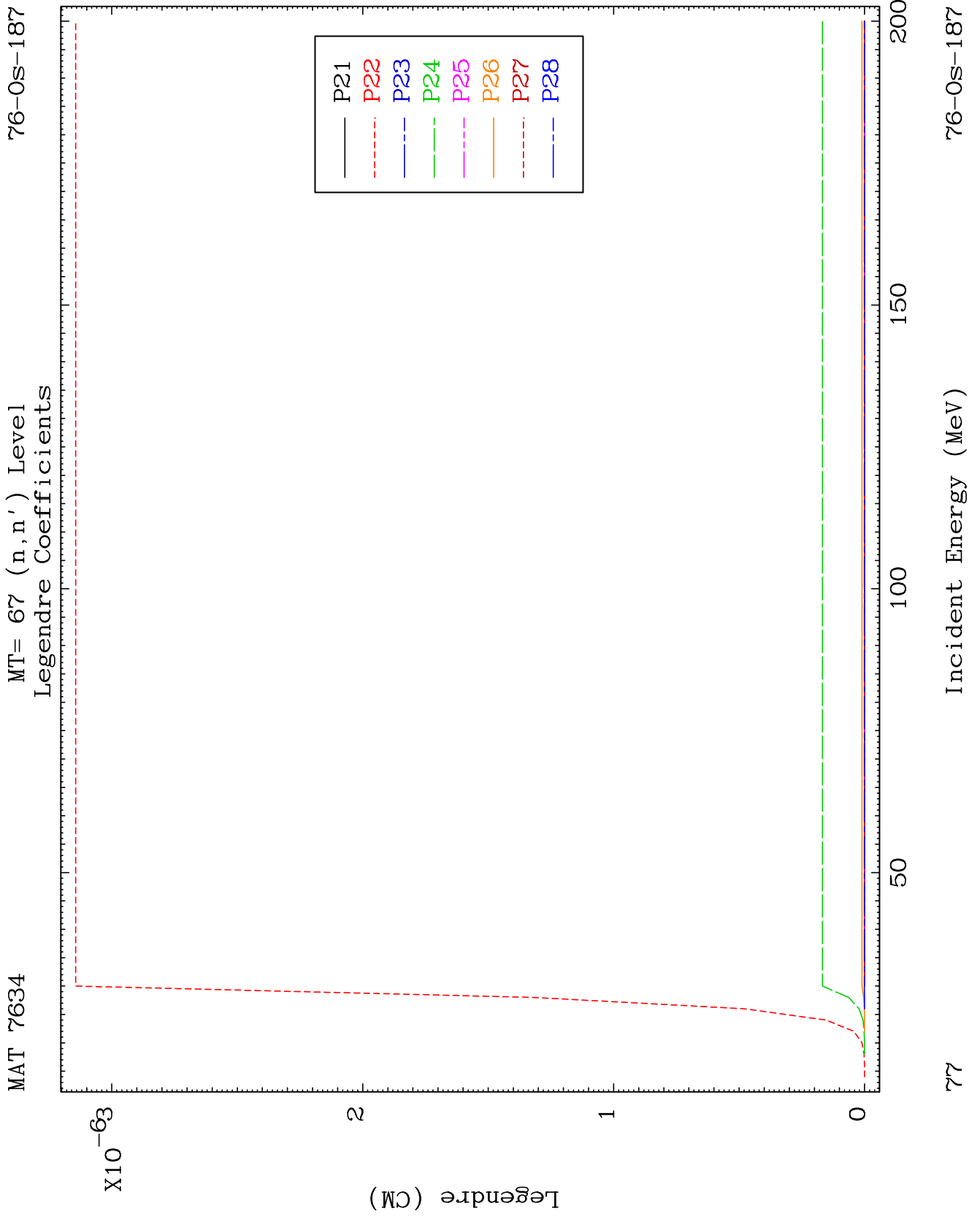
73

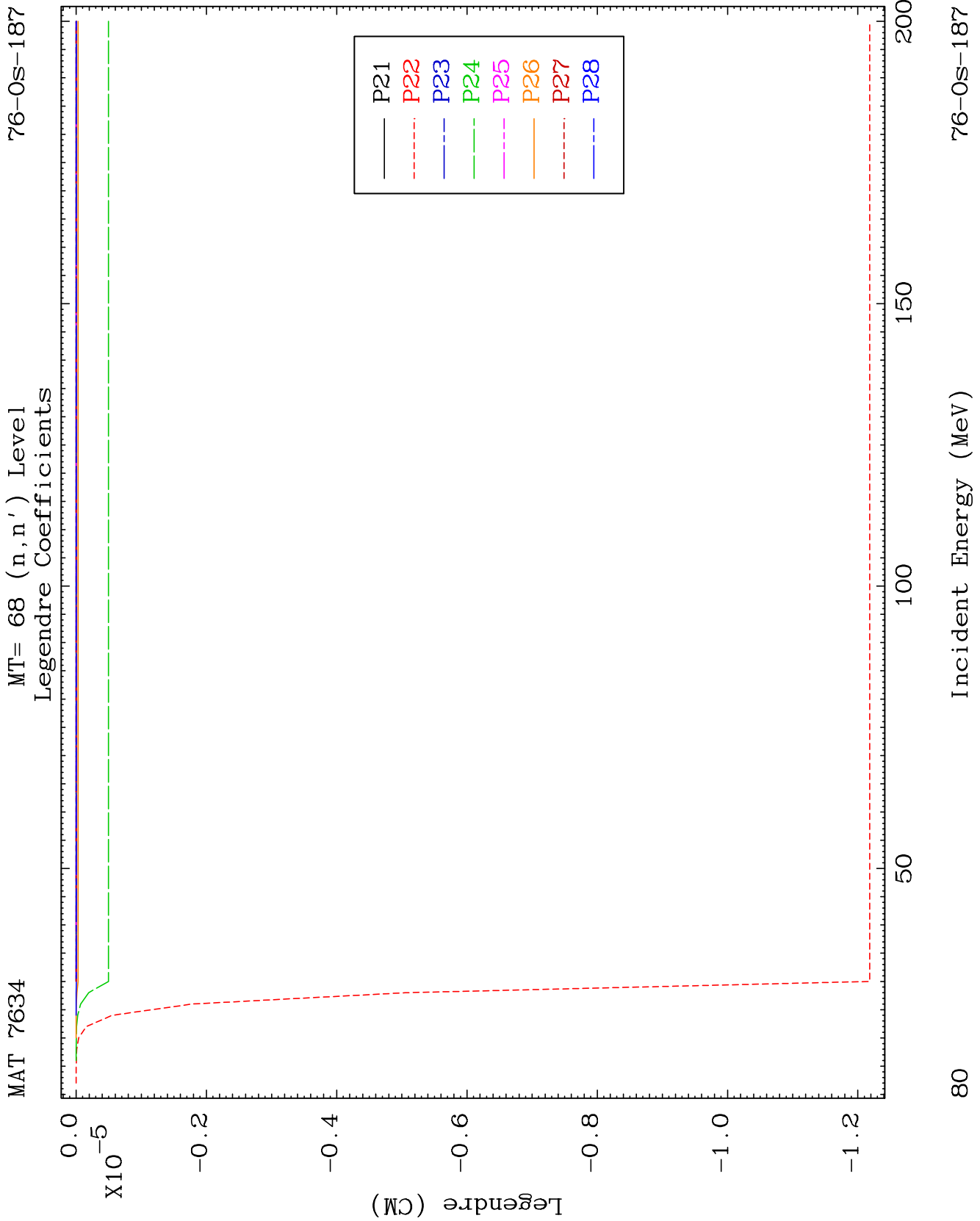
Incident Energy (MeV)

76-Os-187





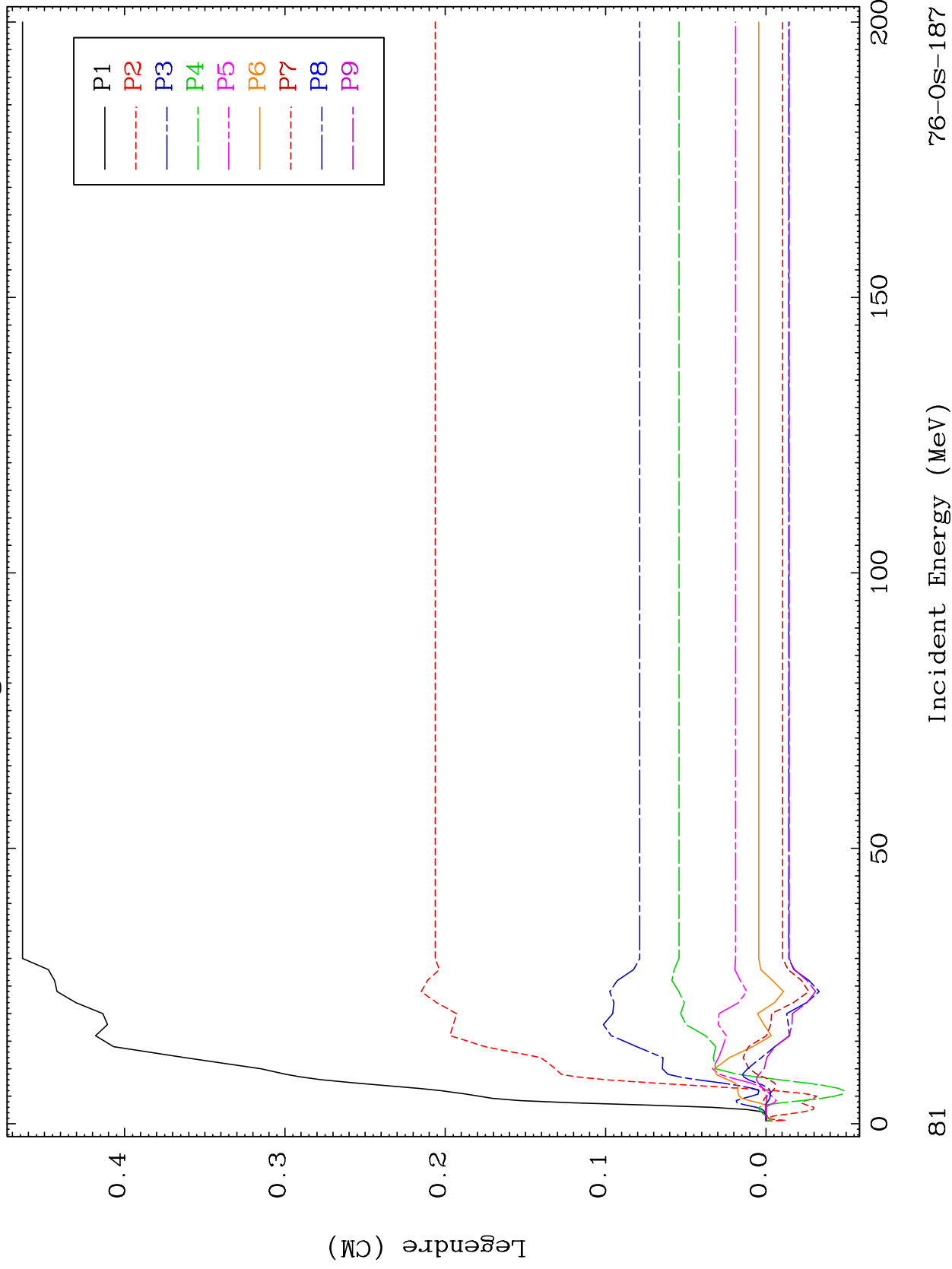




MAT 7634

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

76-Os-187



81

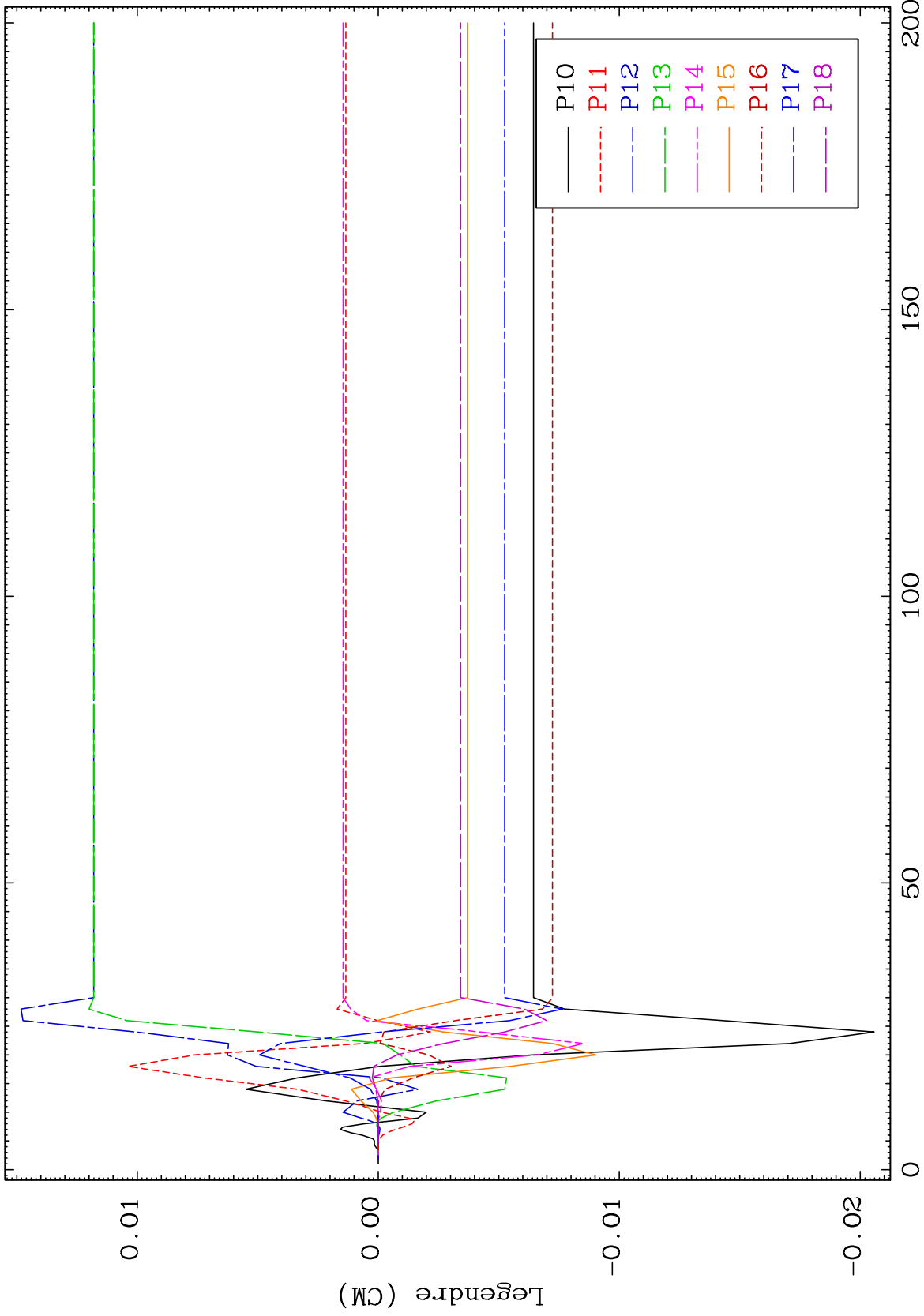
Incident Energy (MeV)

76-Os-187

MAT 7634

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

76-Os-187



82

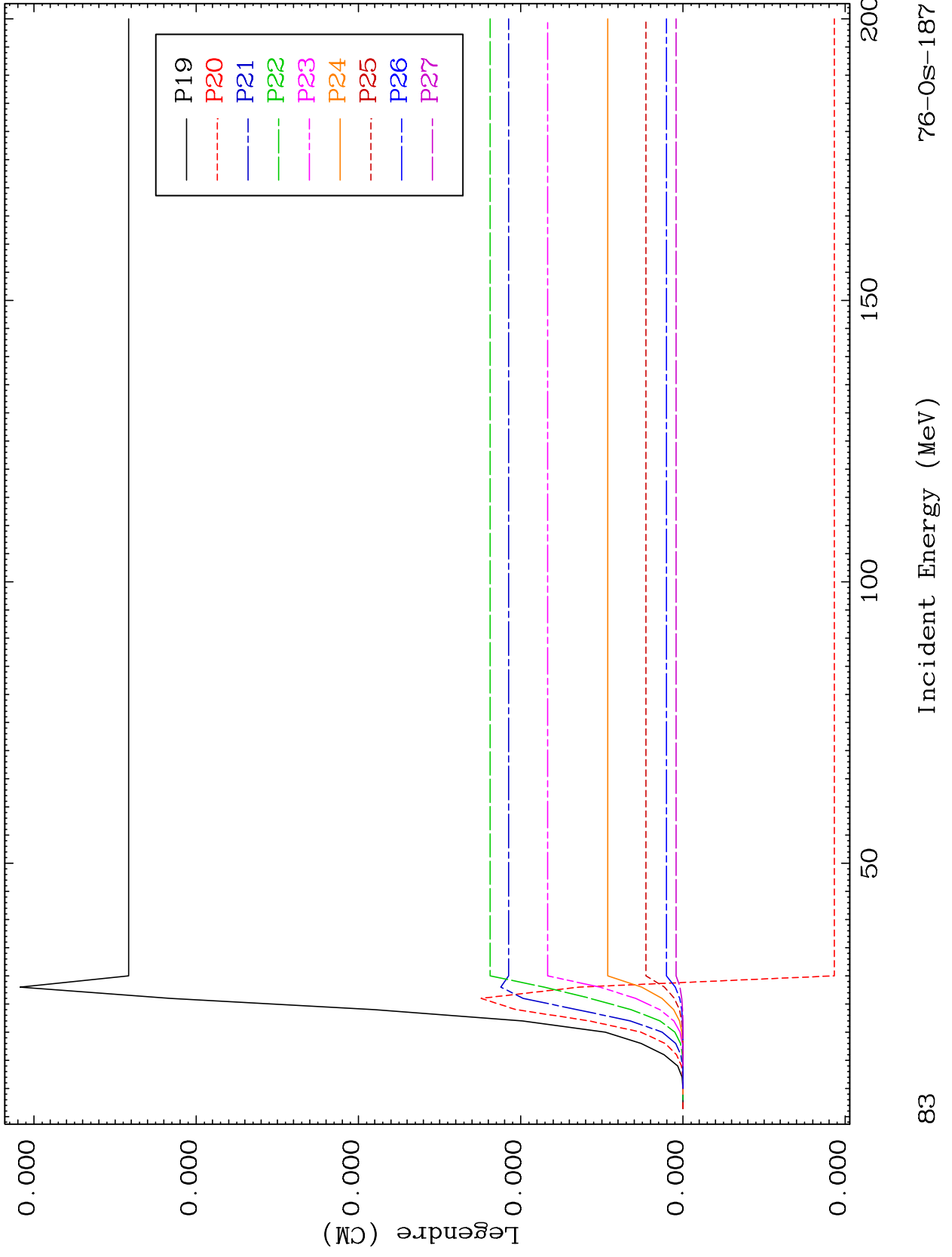
Incident Energy (MeV)

76-Os-187

MAT 7634

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

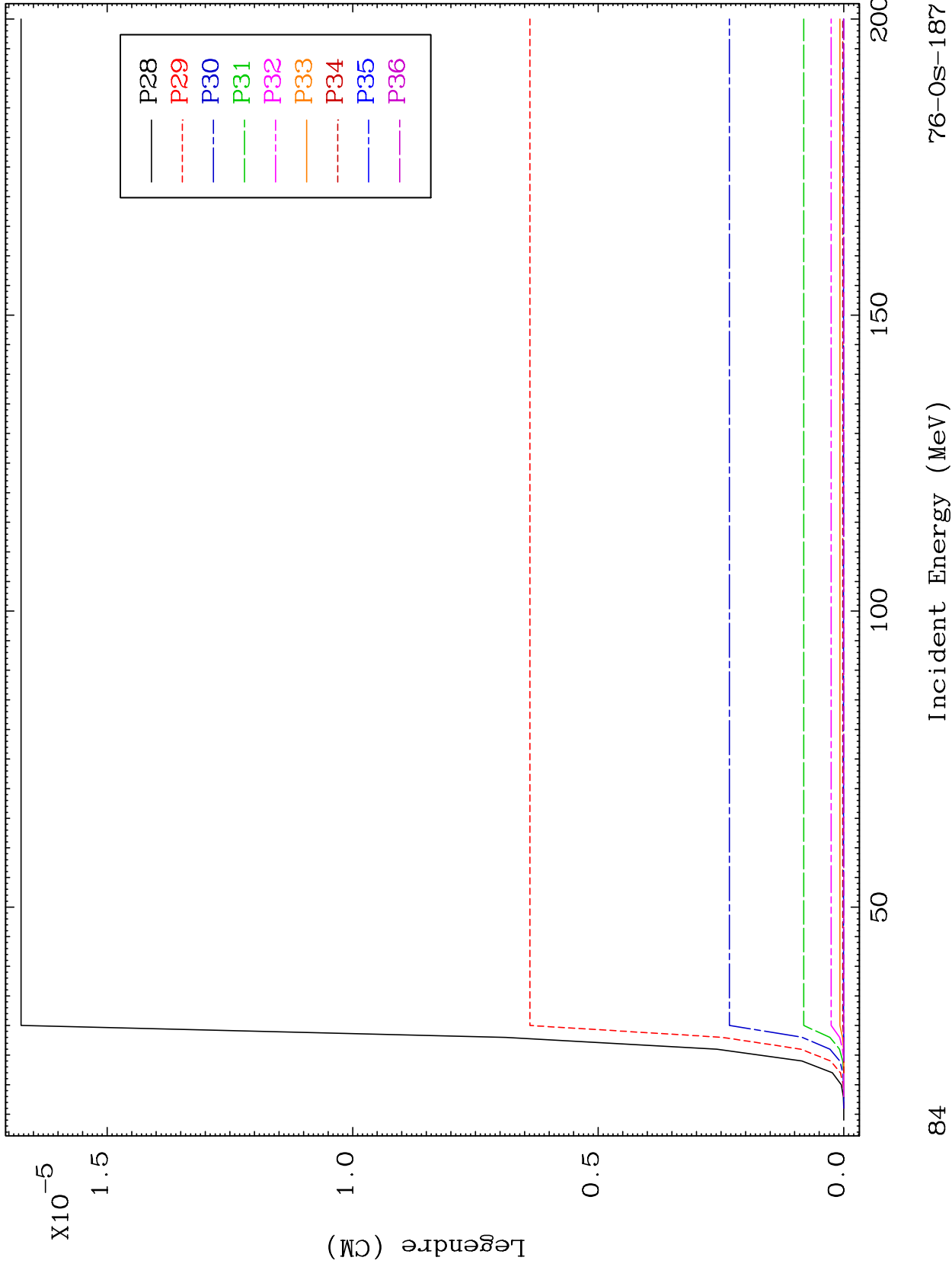
76-Os-187



MAT 7634

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

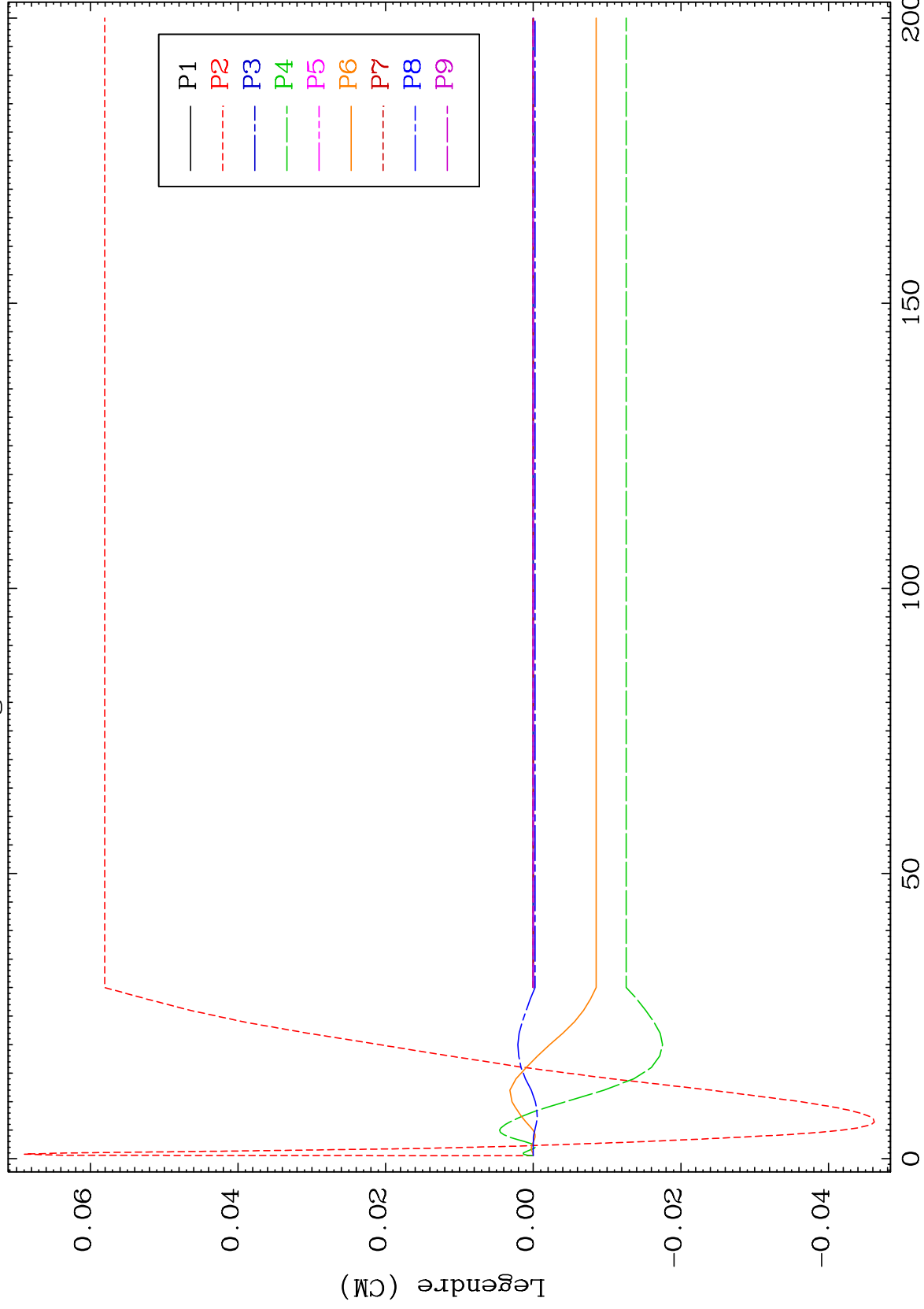
76-Os-187



MAT 7634

MT= 70 (n,n') Level
Legendre Coefficients

76-Os-187



85

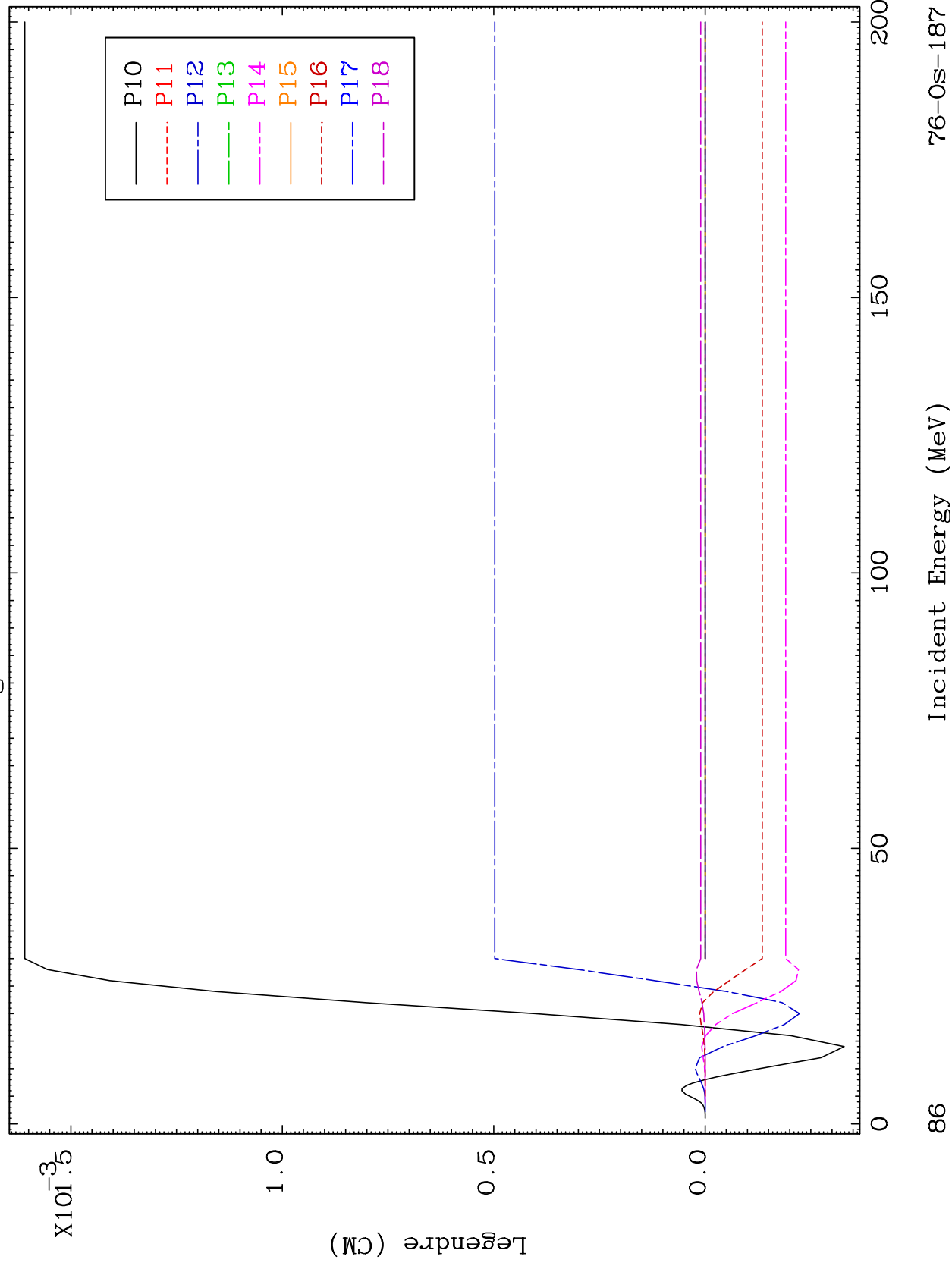
Incident Energy (MeV)

76-Os-187

MAT 7634

MT= 70 (n,n') Level
Legendre Coefficients

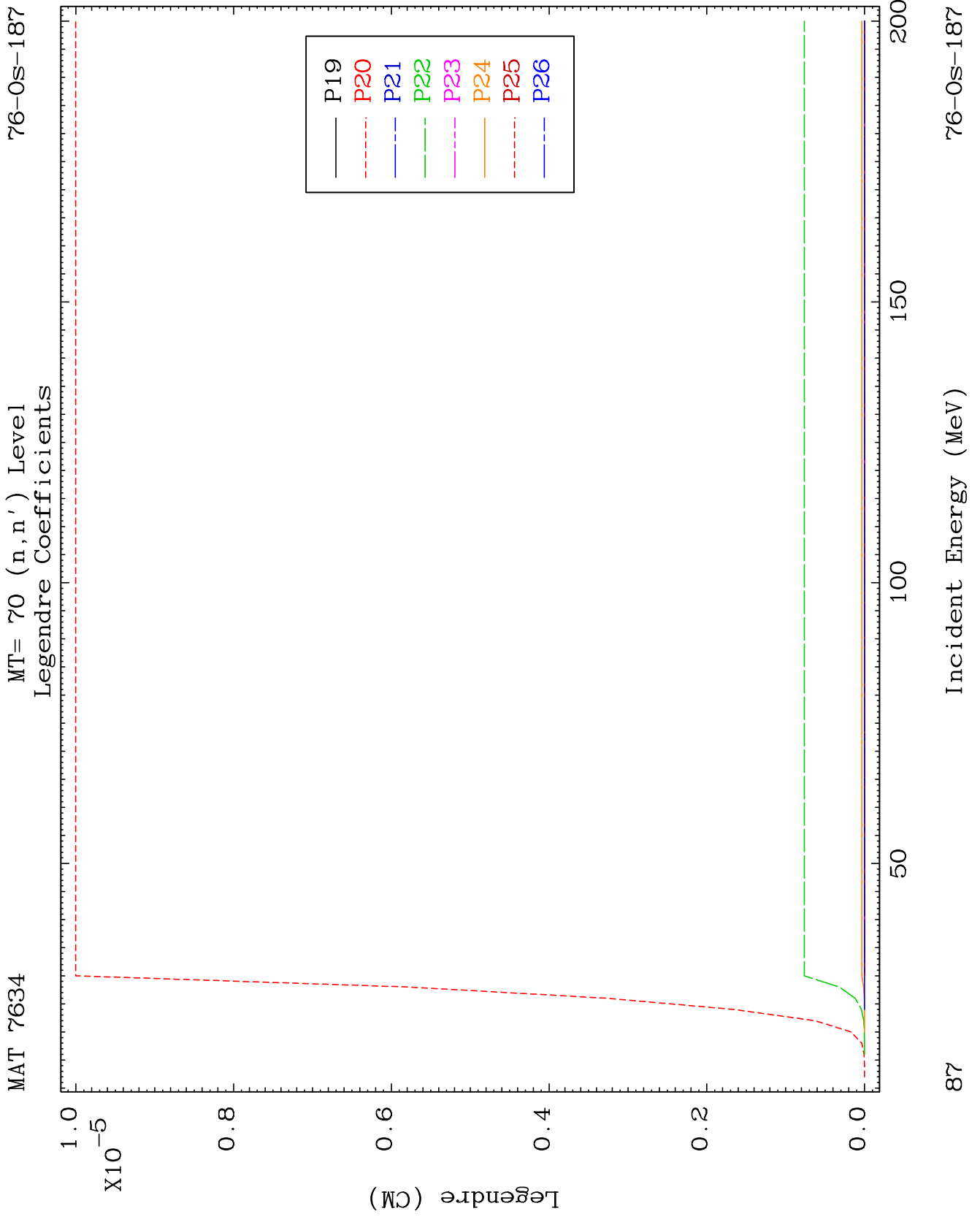
76-Os-187

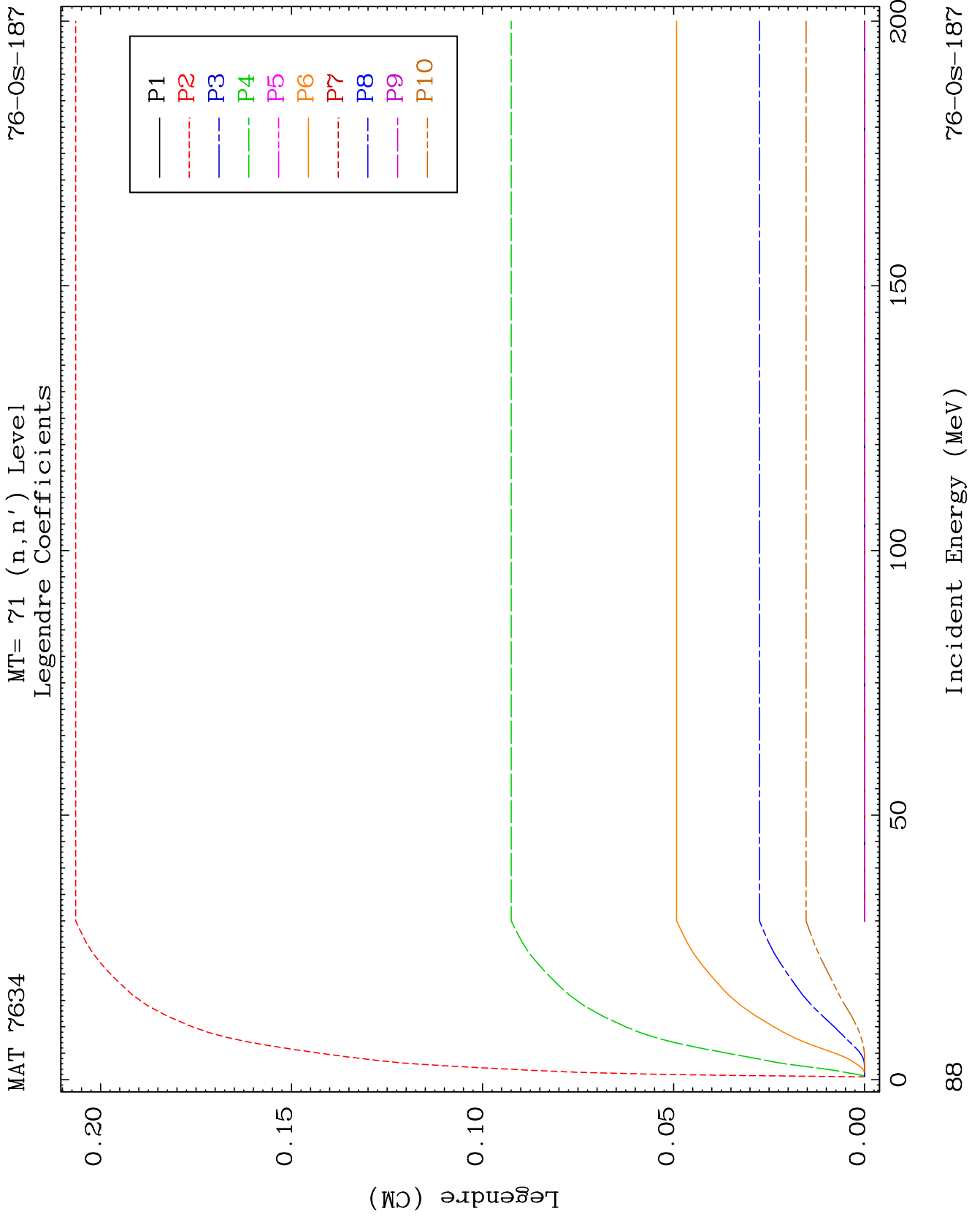


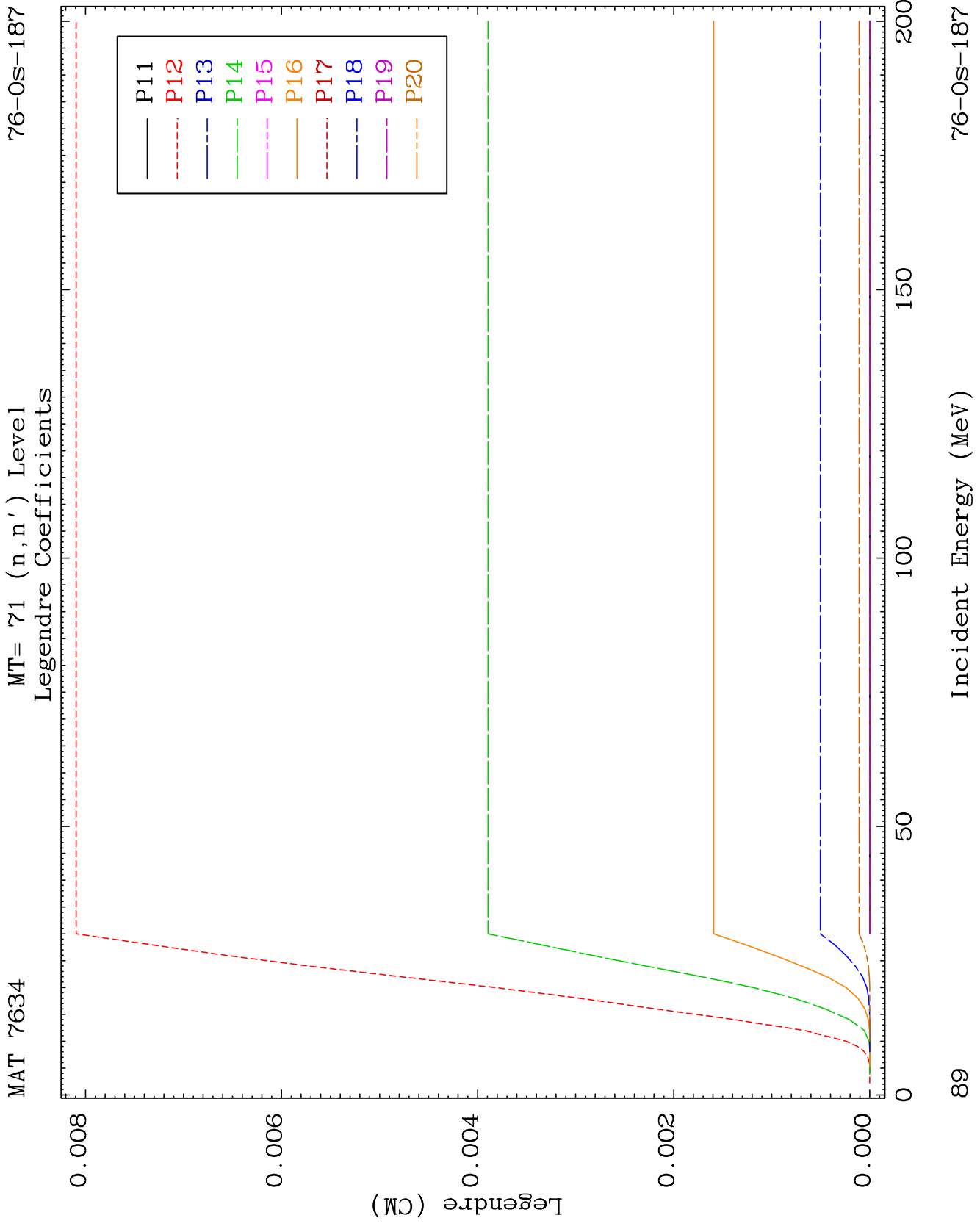
86

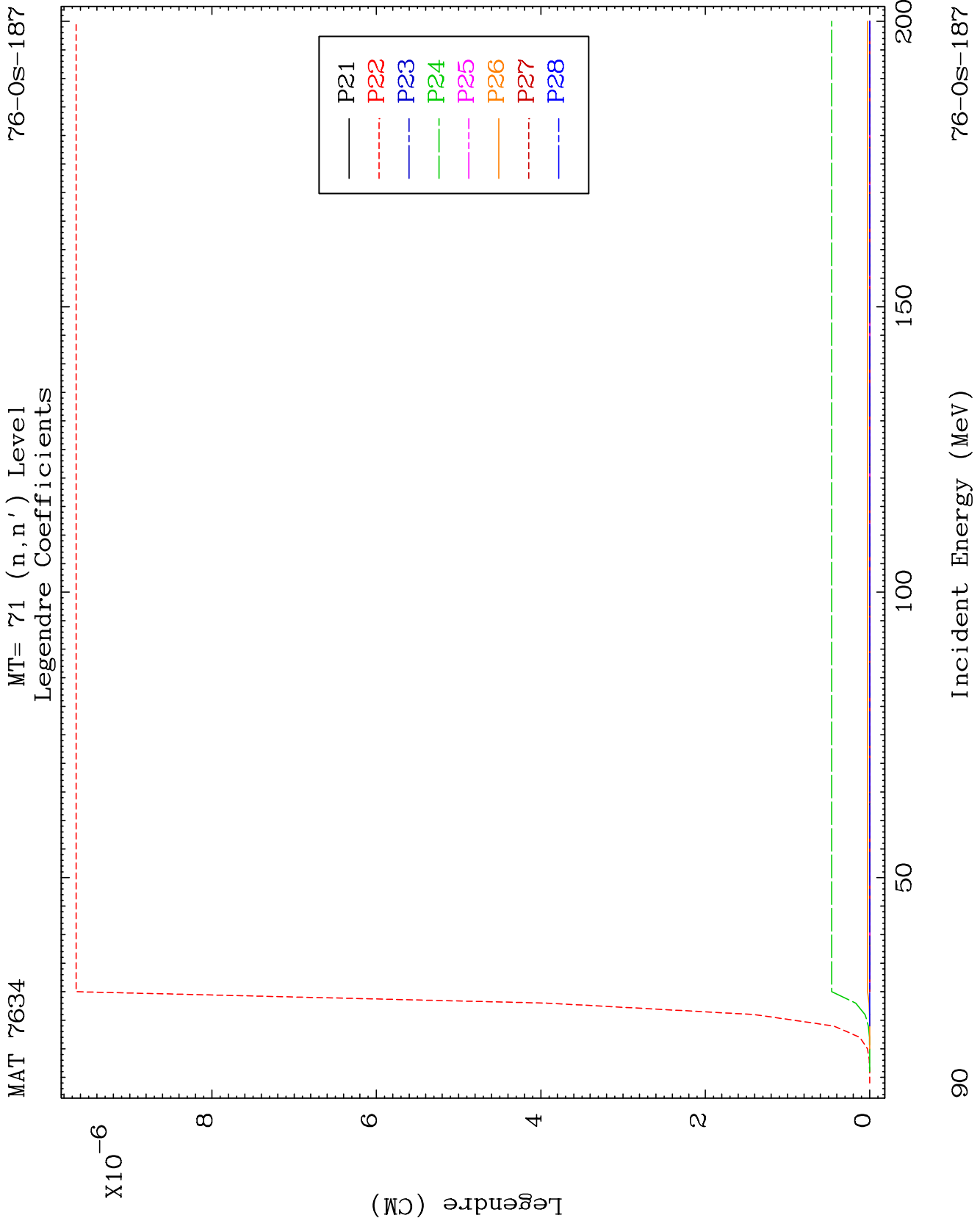
Incident Energy (MeV)

76-Os-187







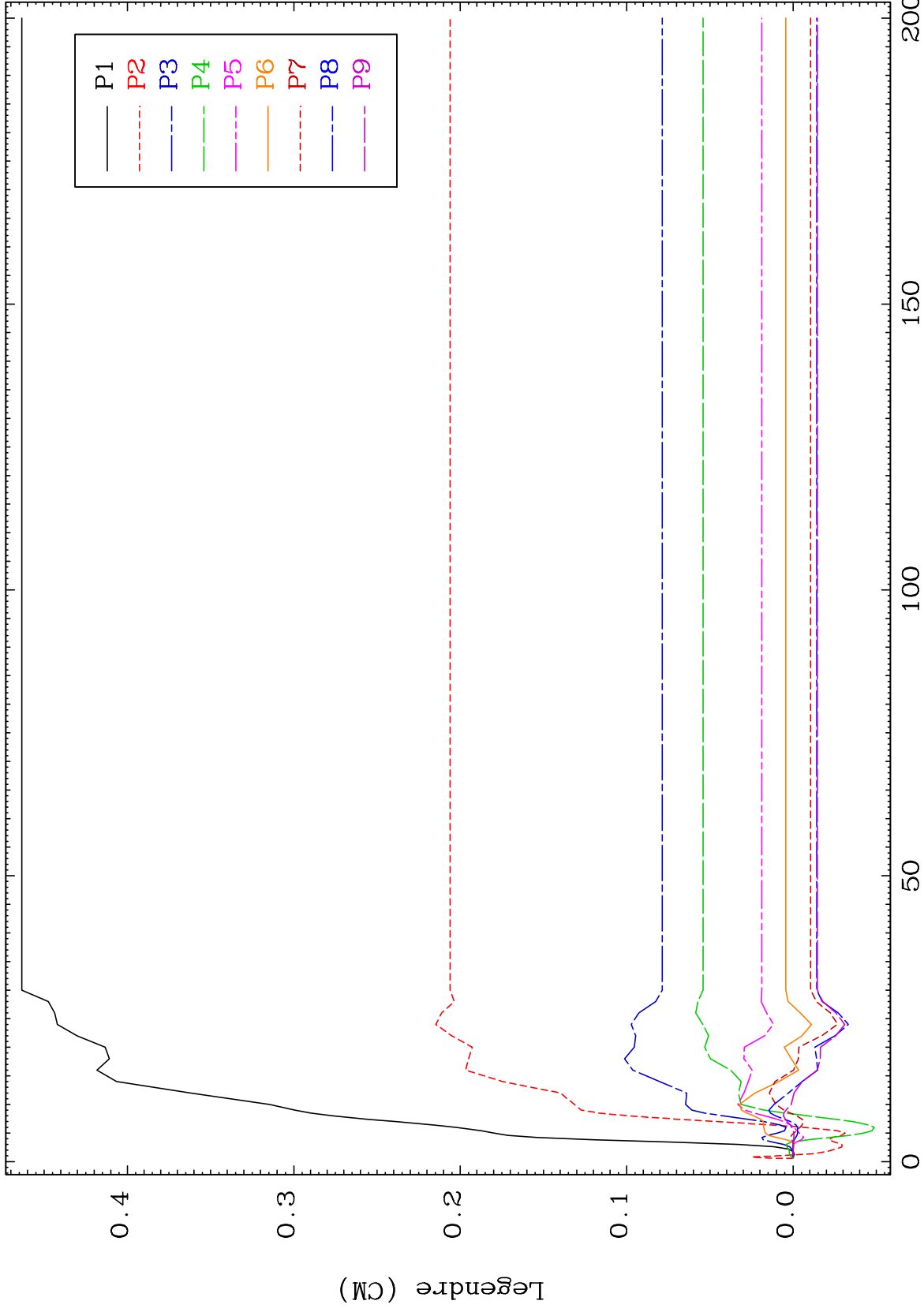


MAT 7634

MT= 72 (n,n') Level

76-Os-187

Legendre Coefficients



91

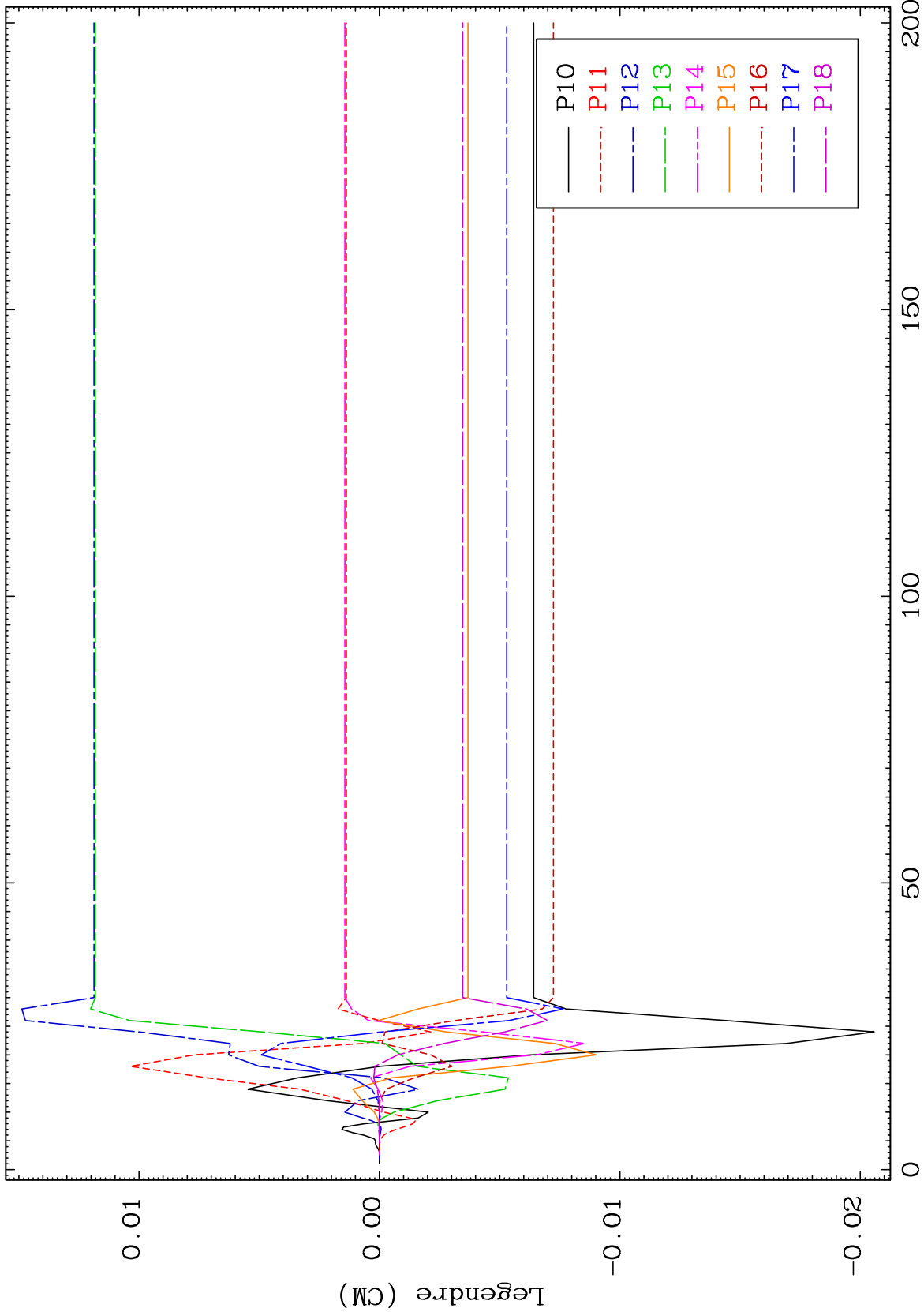
Incident Energy (MeV)

76-Os-187

MAT 7634

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

76-0s-187



92

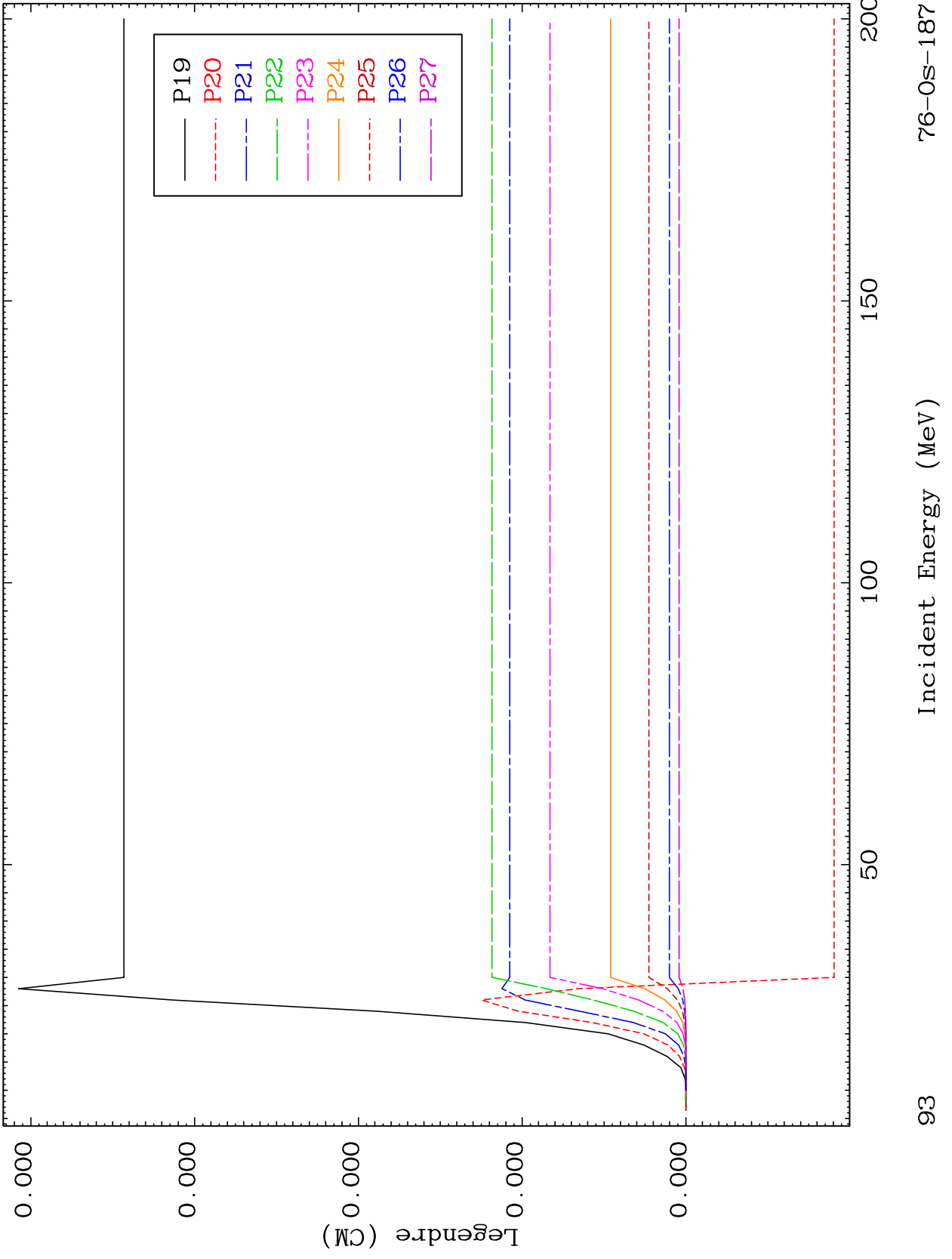
Incident Energy (MeV)

76-0s-187

MAT 7634

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

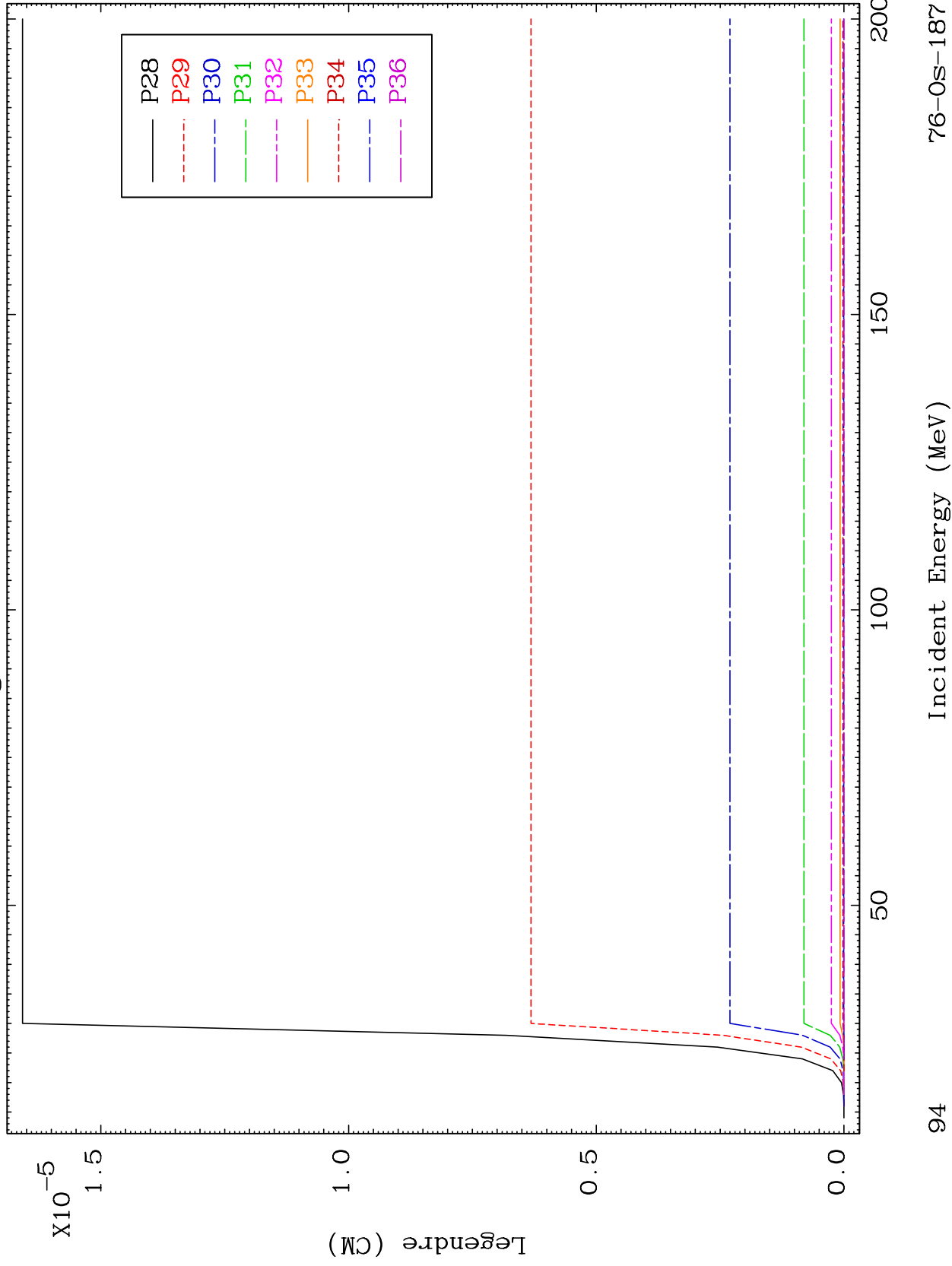
76-Os-187



MAT 7634

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

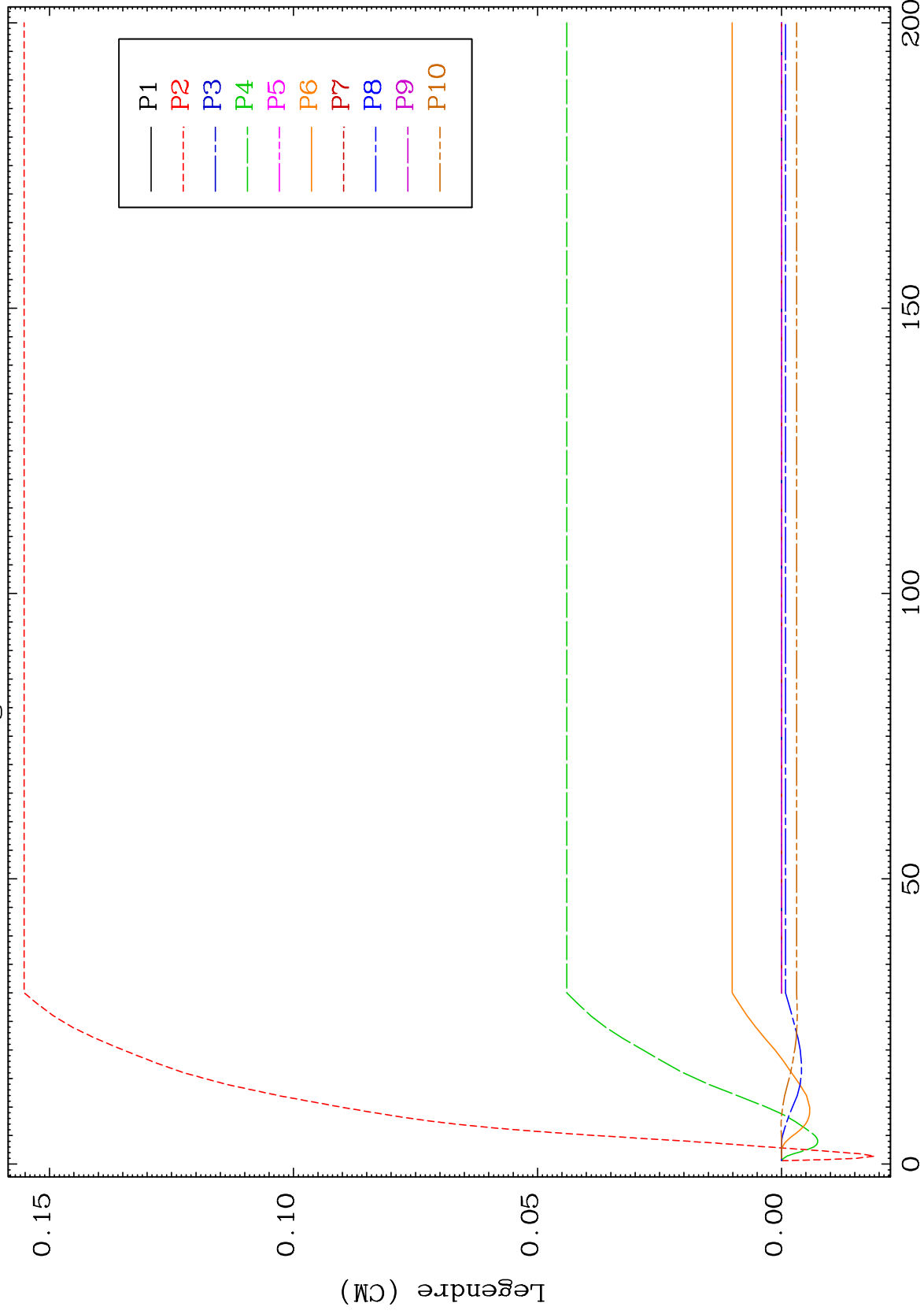
76-Os-187



MAT 7634

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

76-Os-187



76-Os-187

Incident Energy (MeV)

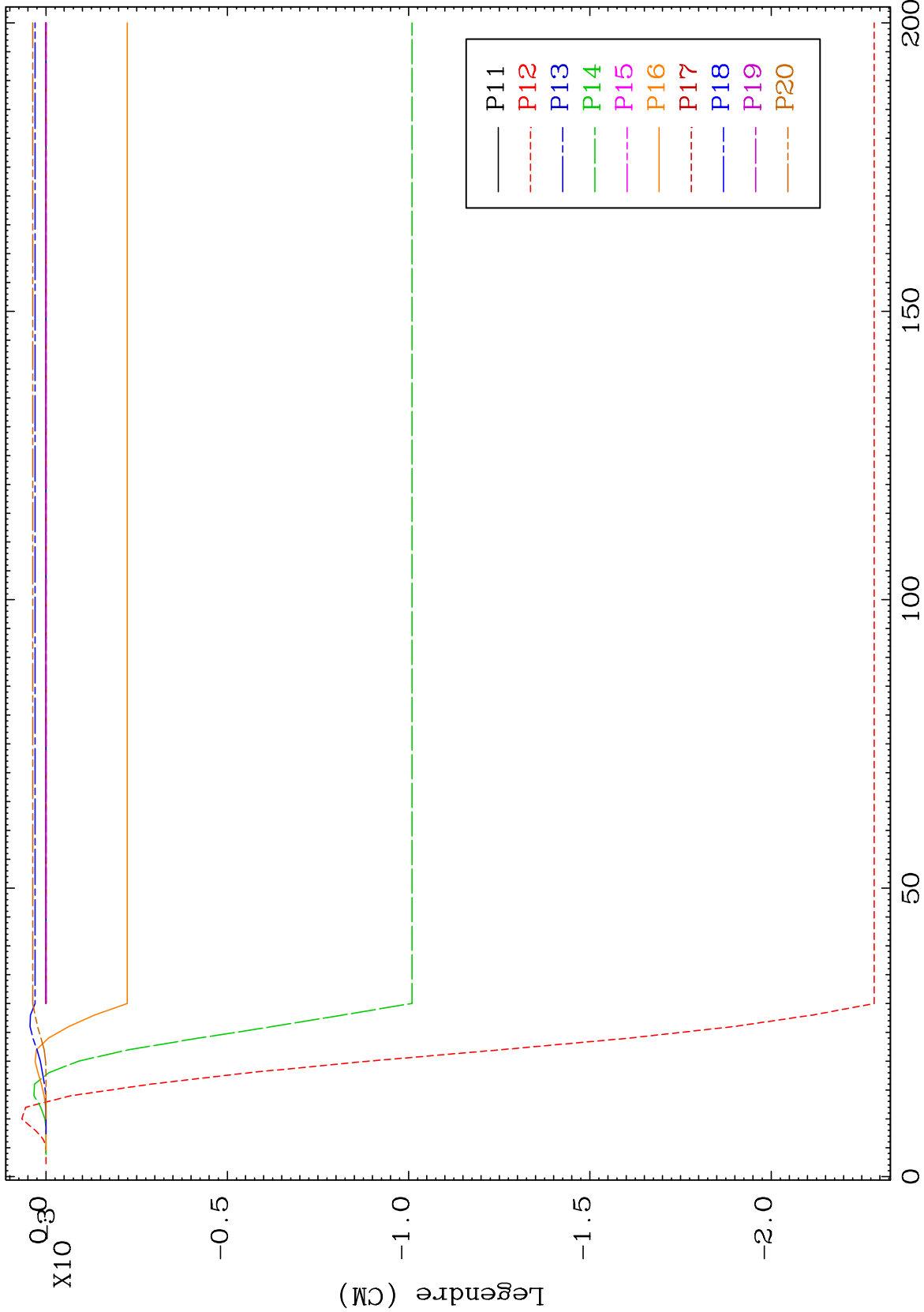
95

MAT 7634

MT= 73 (n,n') Level

76-Os-187

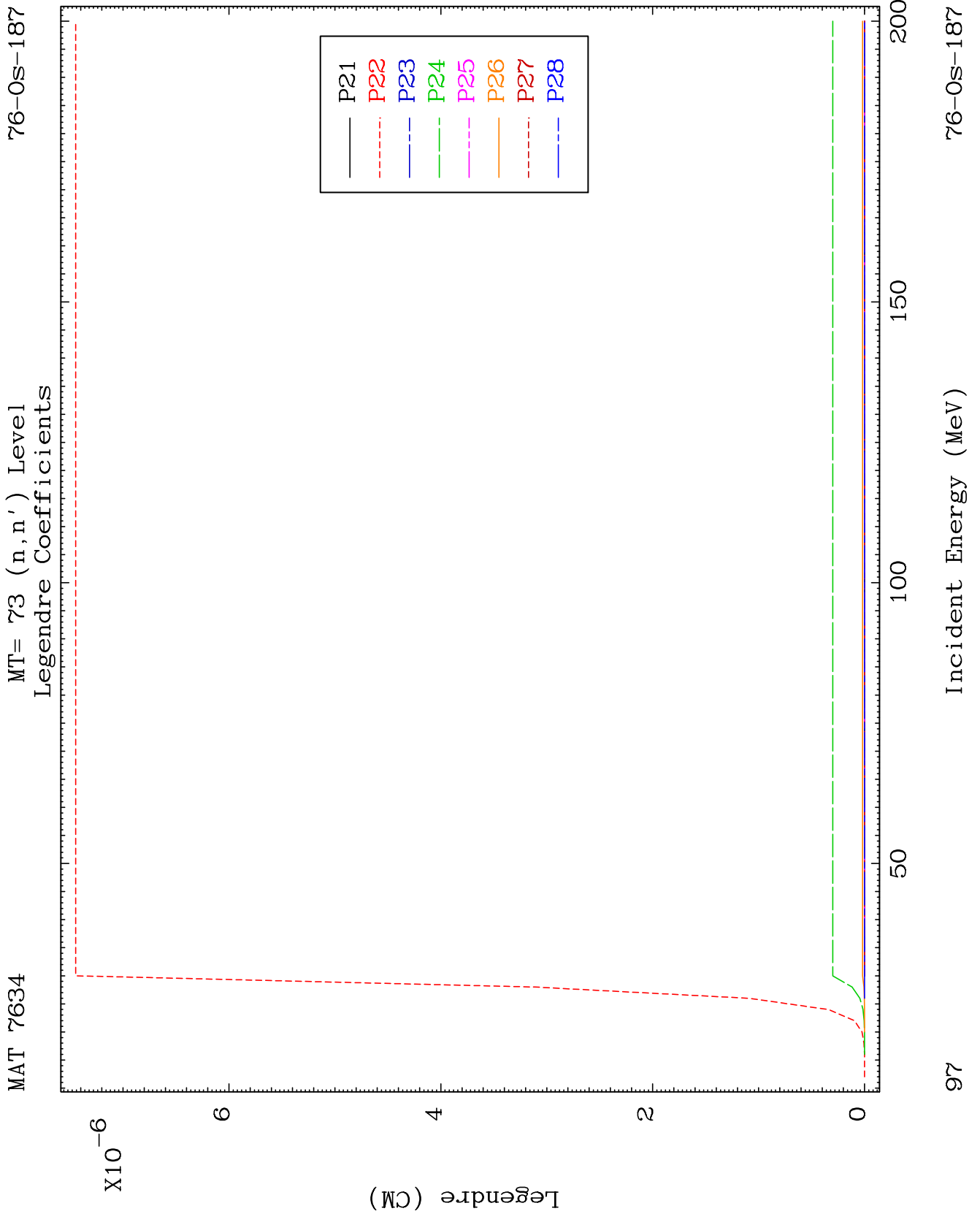
Legendre Coefficients

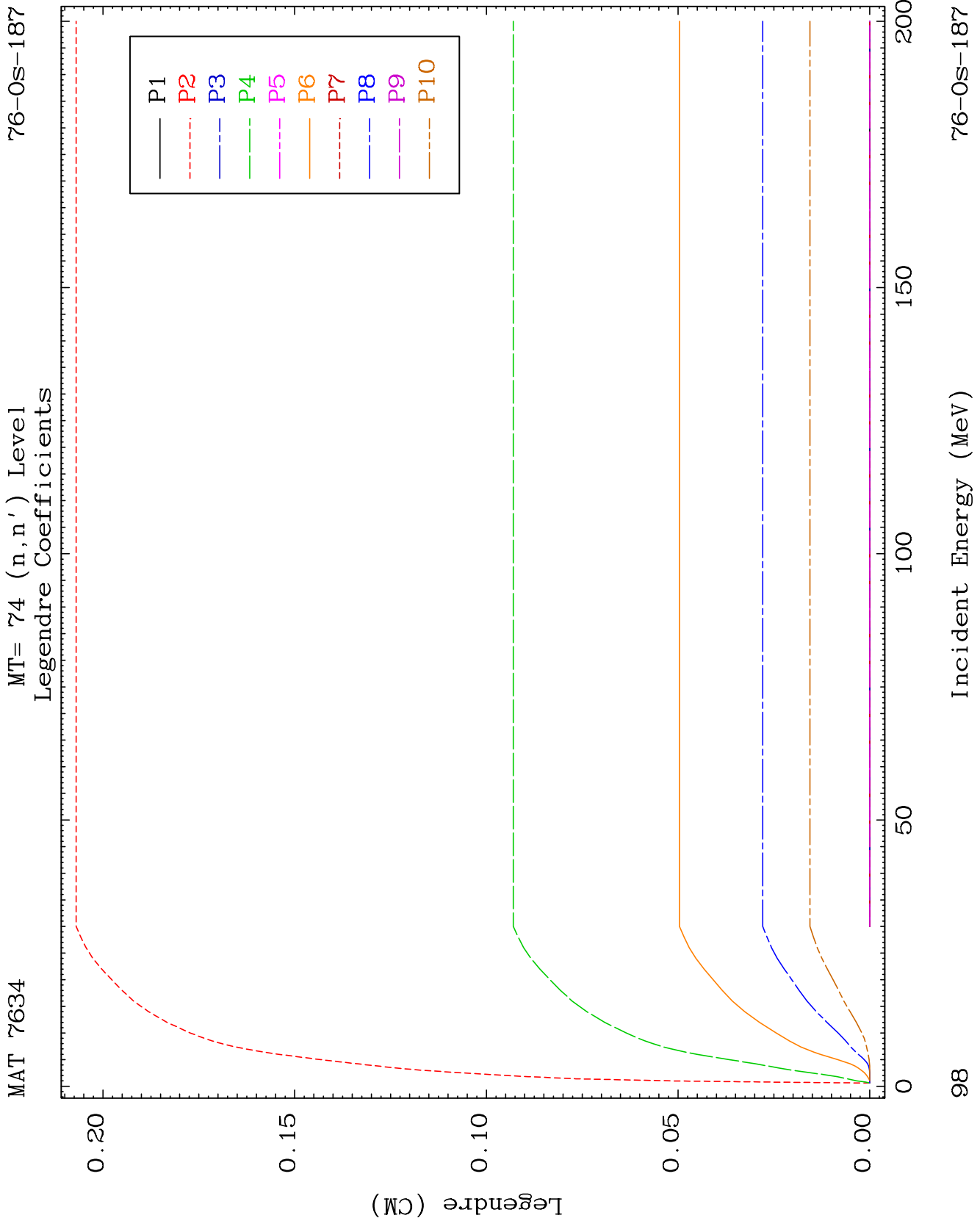


96

Incident Energy (MeV)

76-Os-187

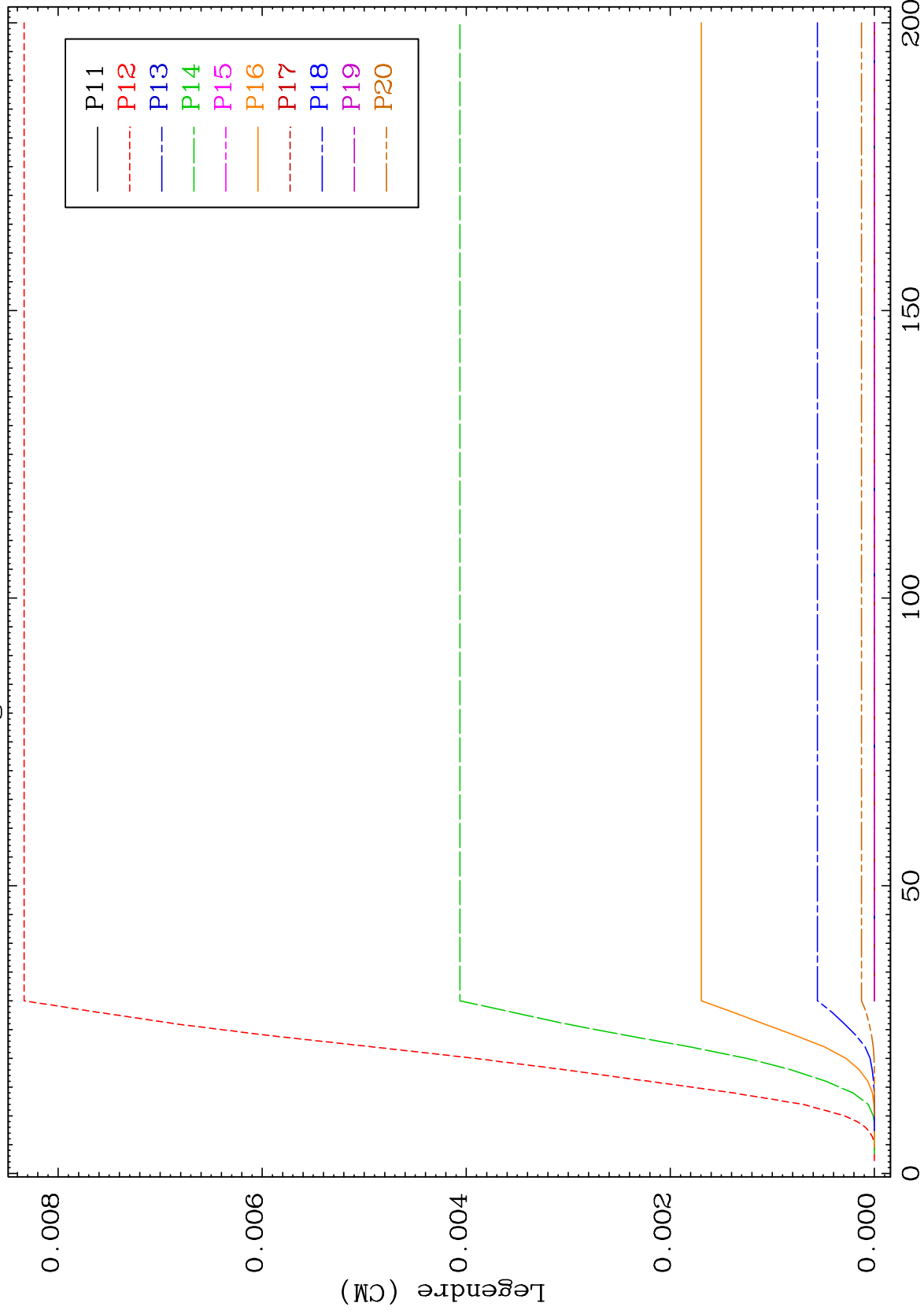




MAT 7634

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

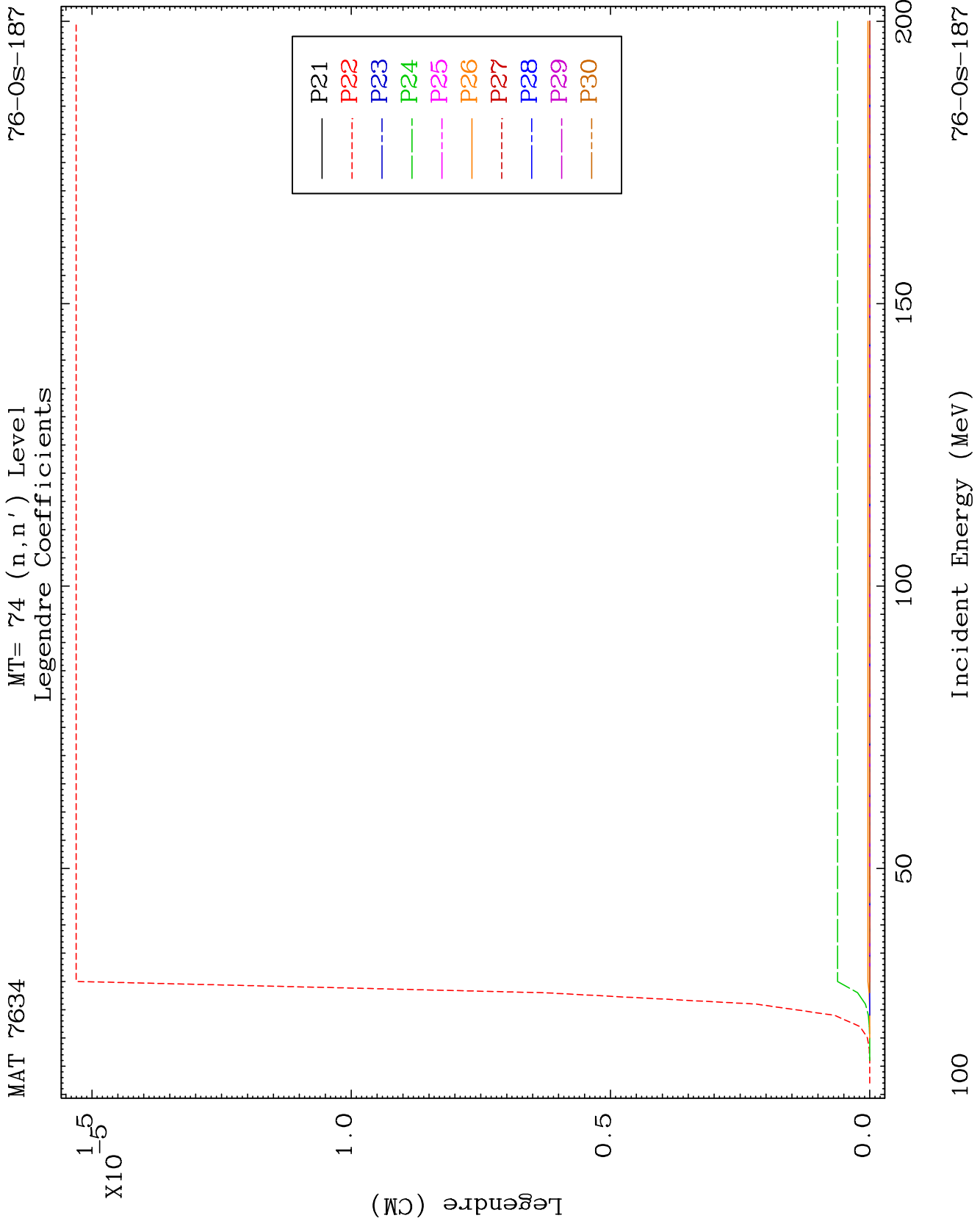
76-Os-187

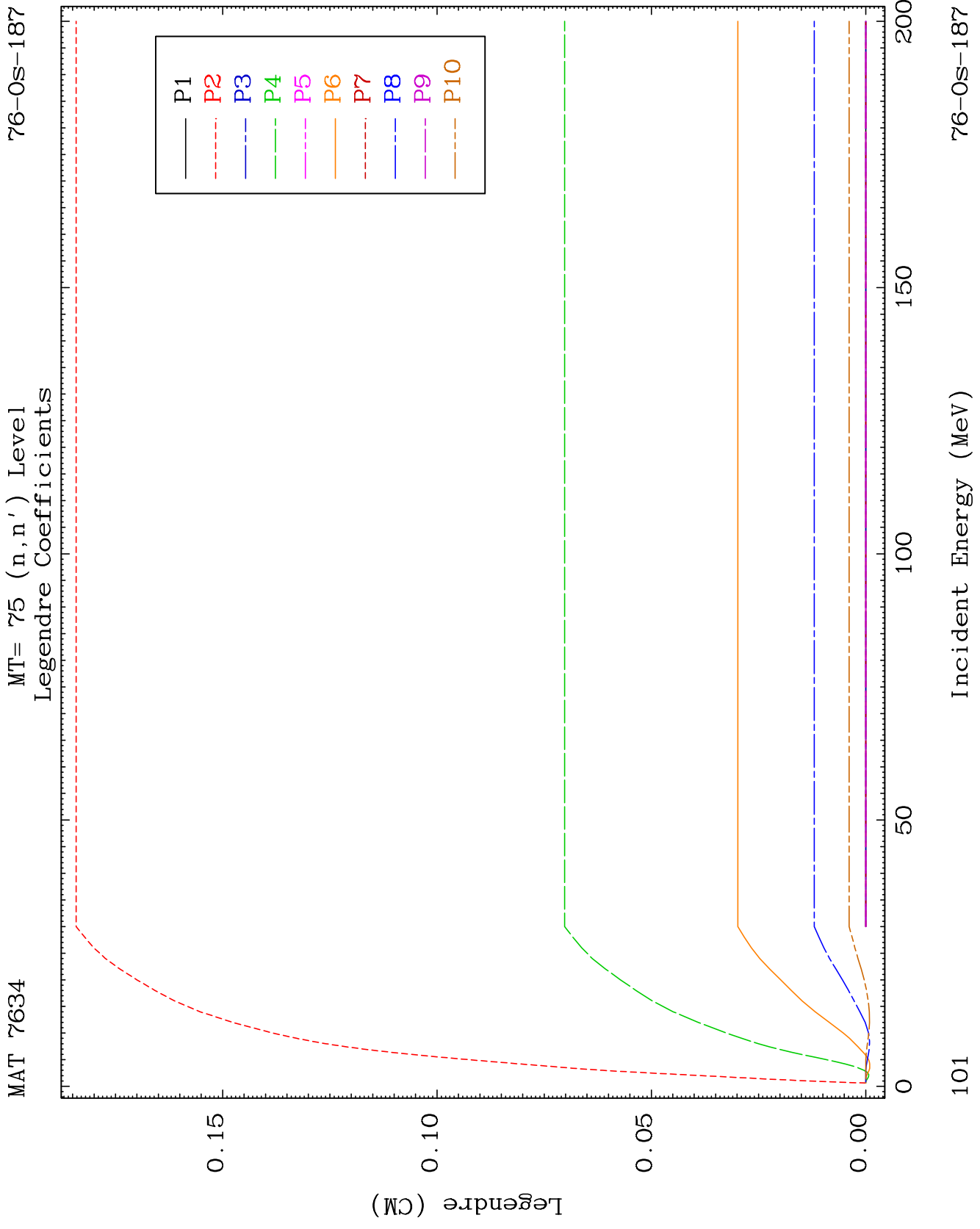


99

Incident Energy (MeV)

76-Os-187

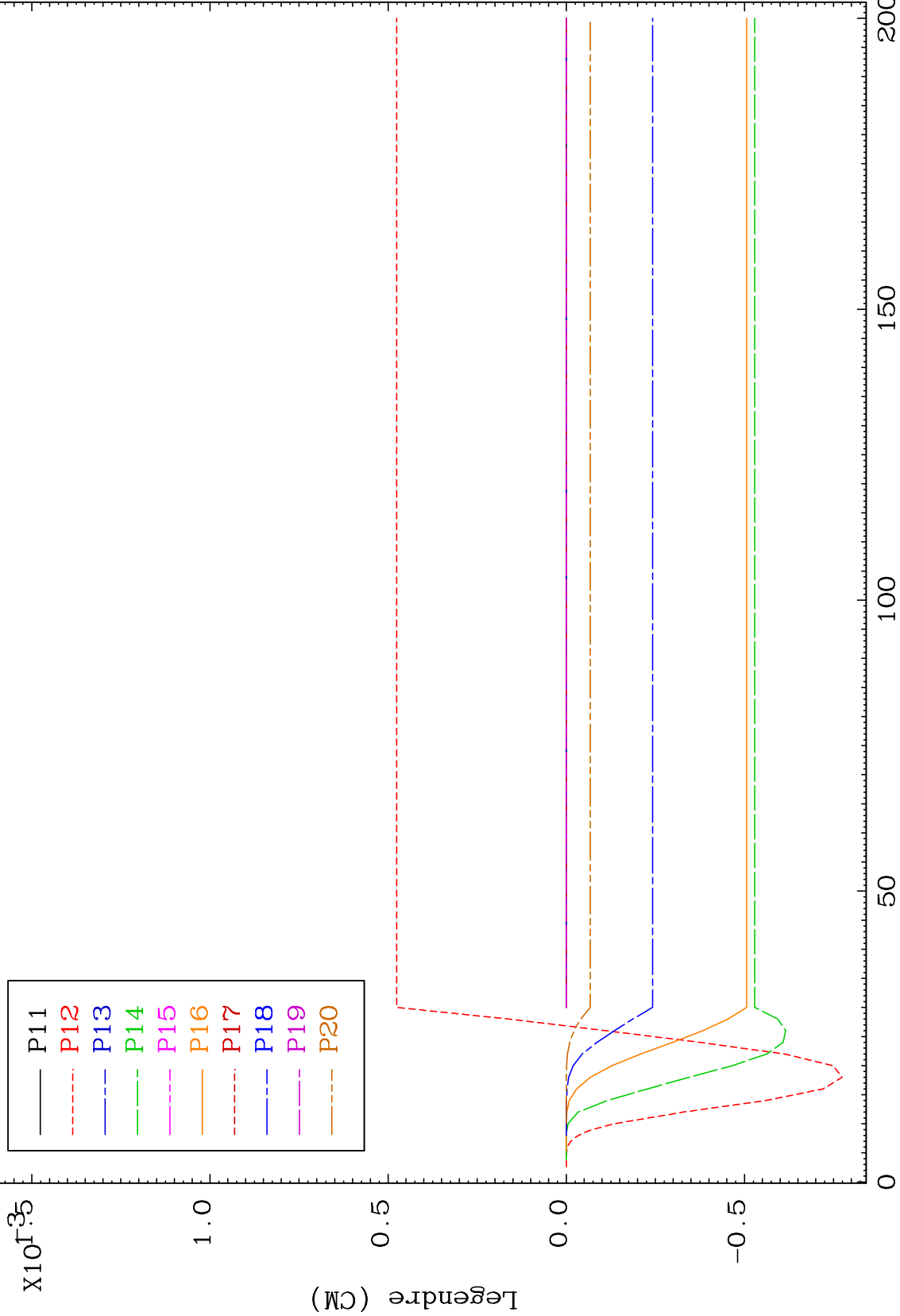
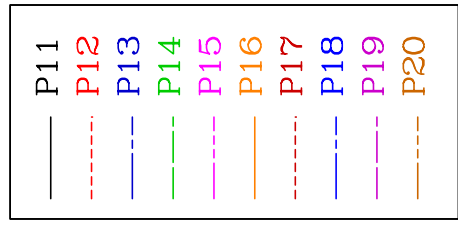




MAT 7634

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

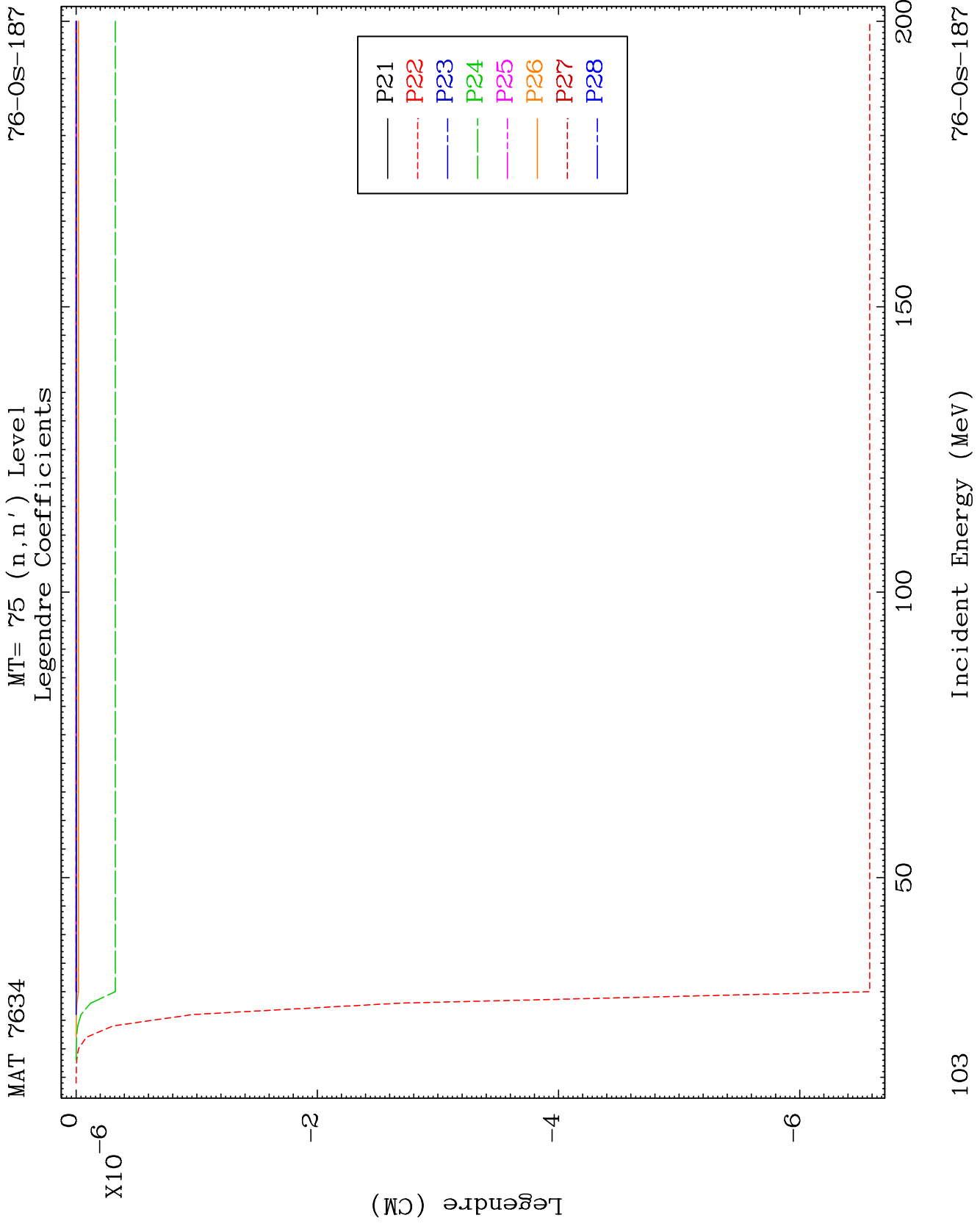
76-Os-187



102

Incident Energy (MeV)

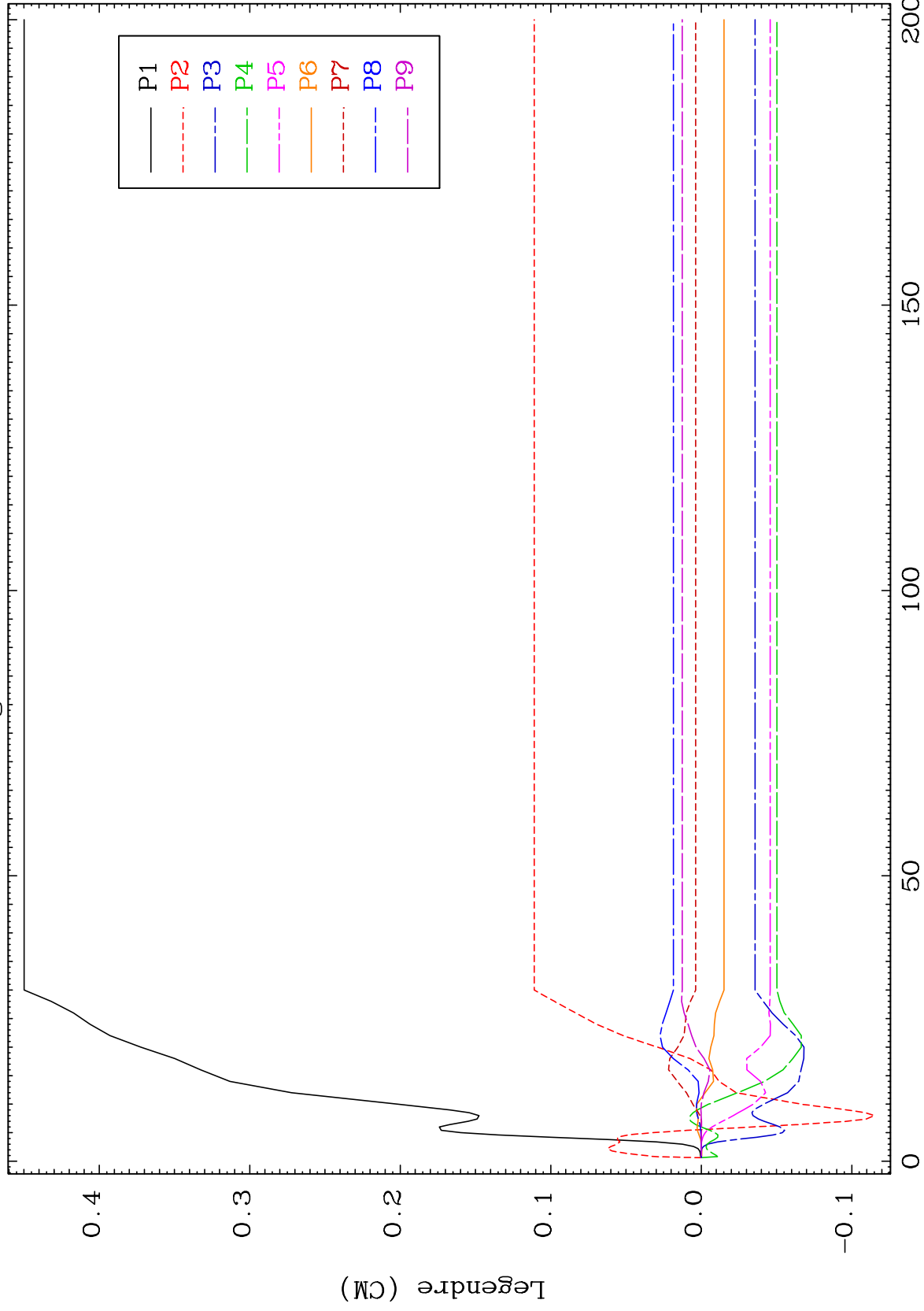
76-Os-187



MAT 7634

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

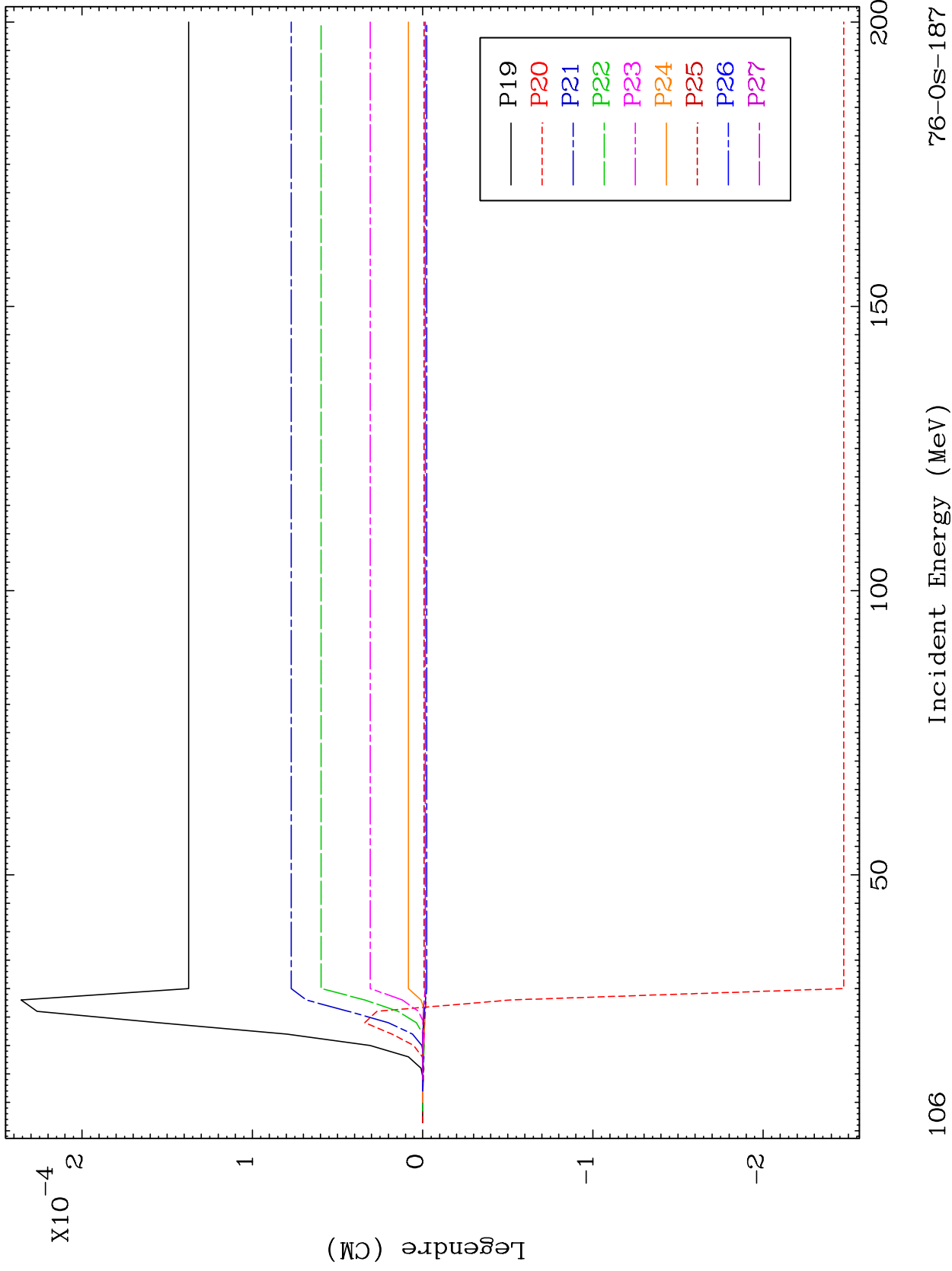
76-Os-187

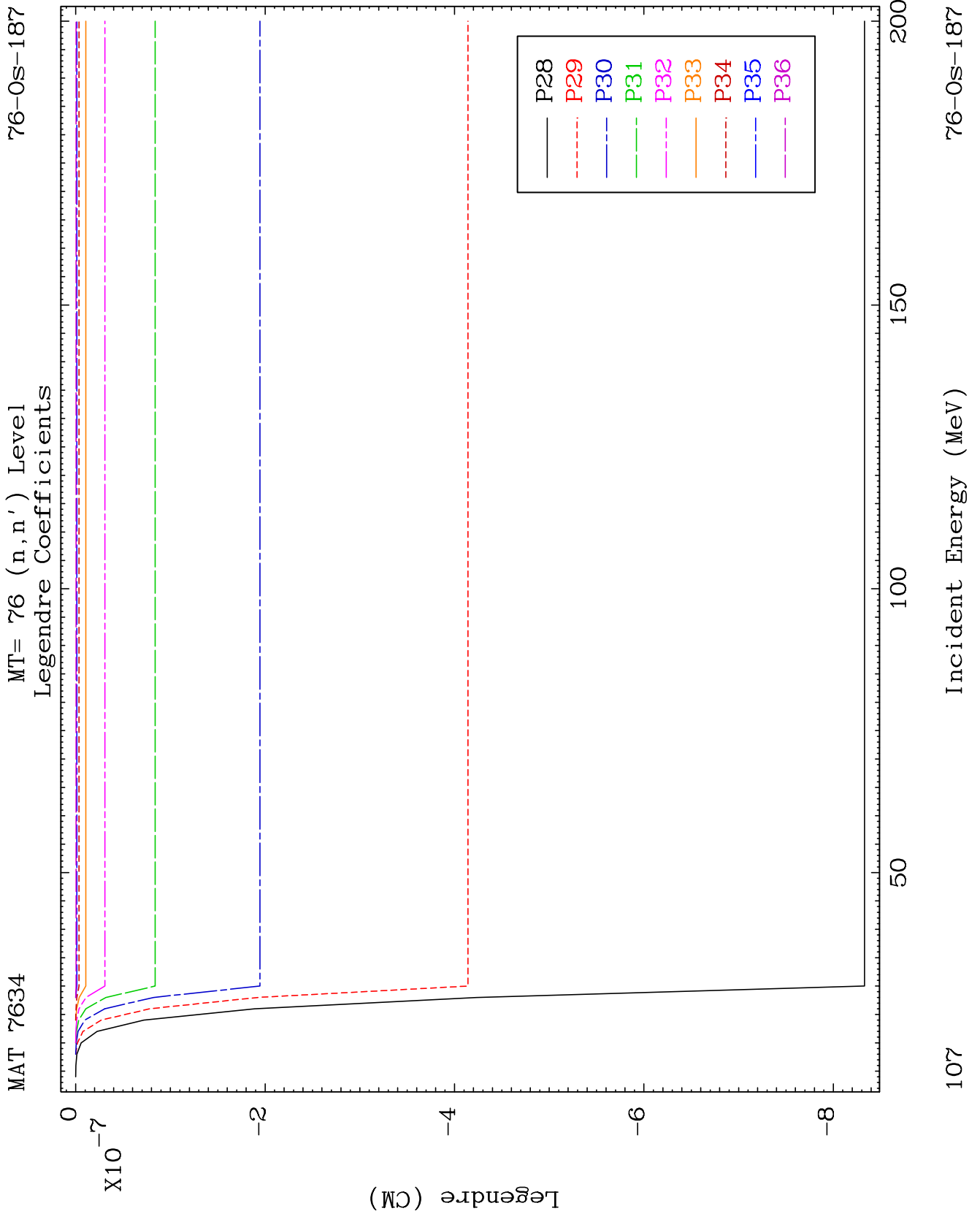


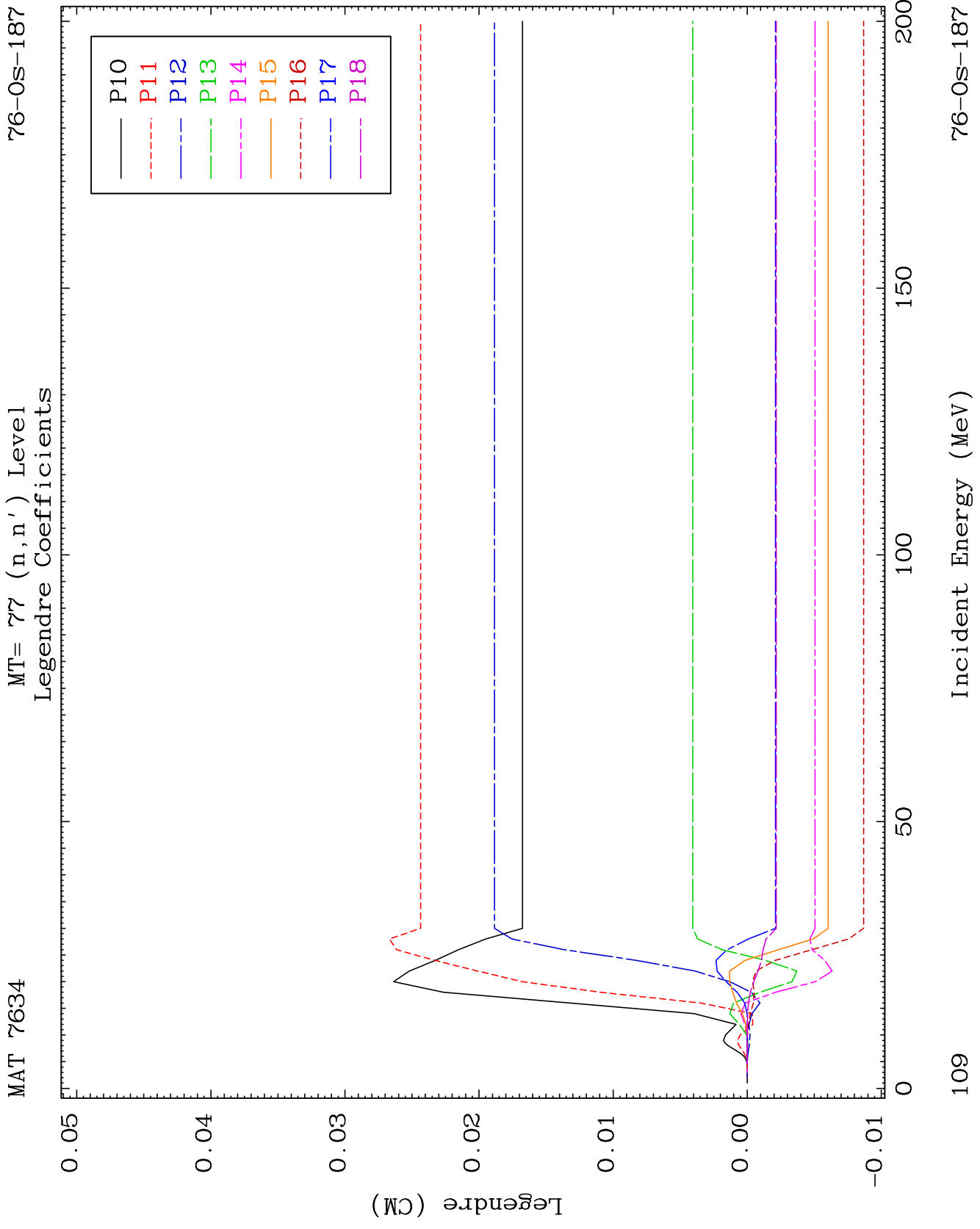
104

Incident Energy (MeV)

76-Os-187



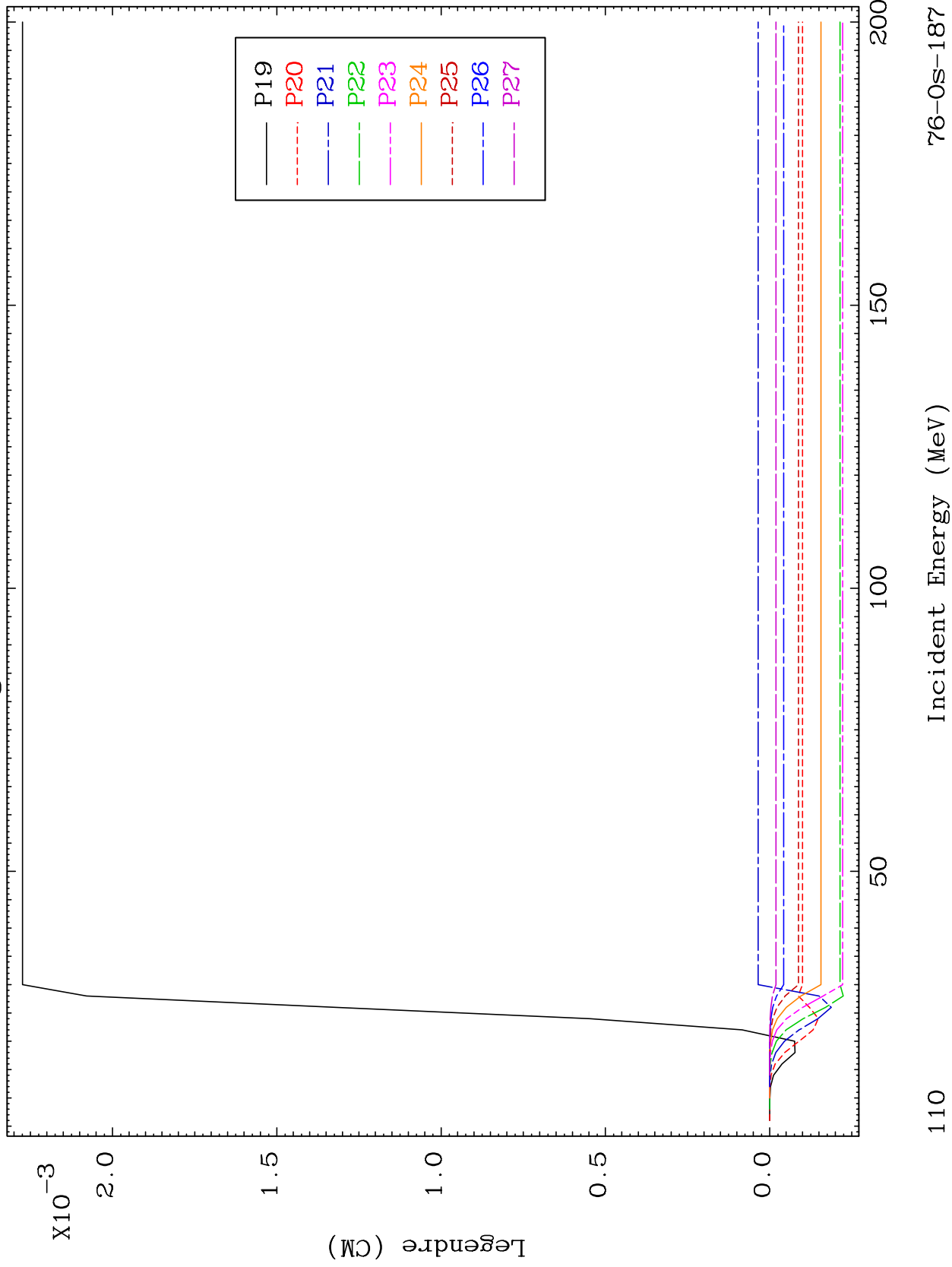




MAT 7634

MT= 77 (n,n') Level
Legendre Coefficients

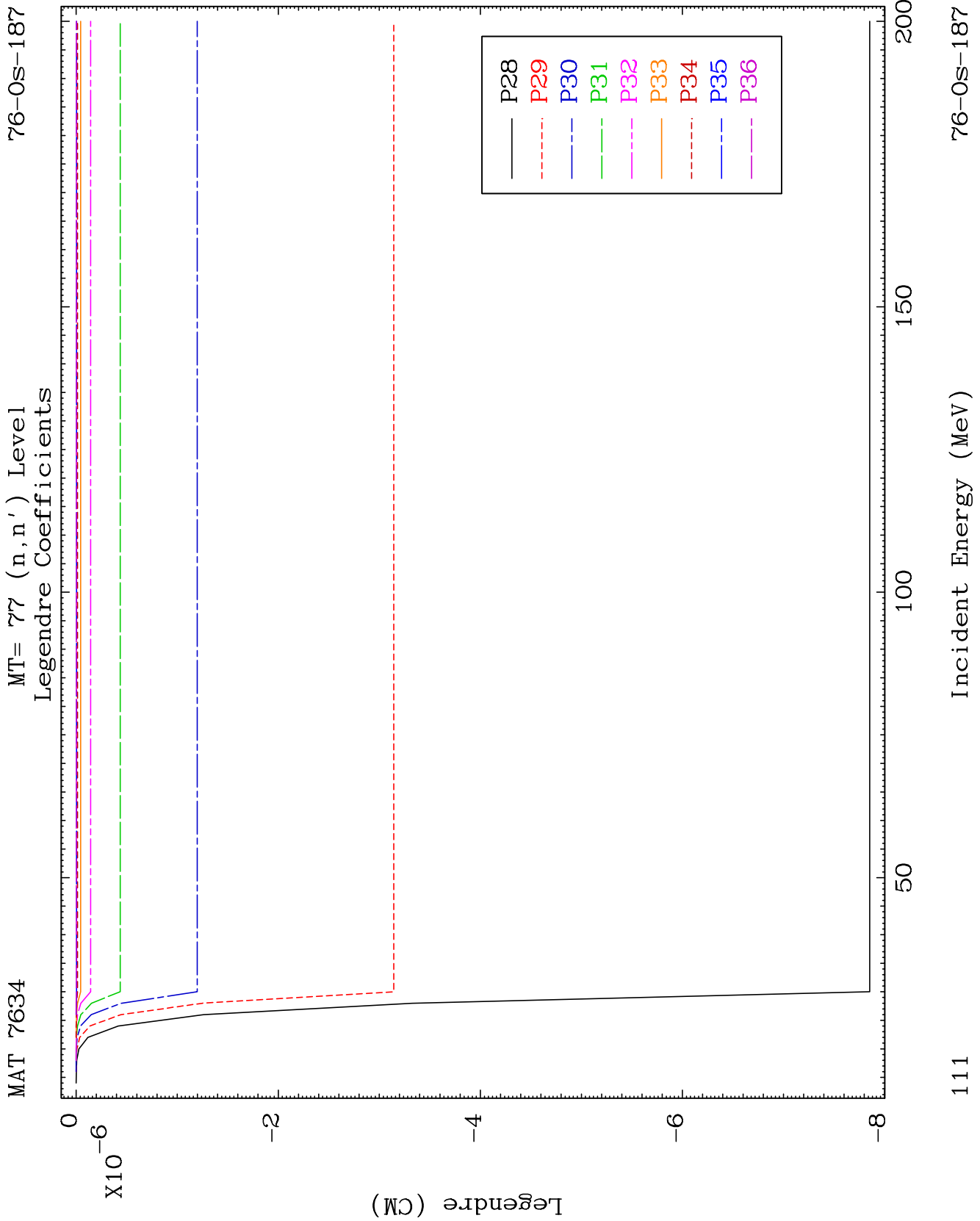
76-Os-187



76-Os-187

Incident Energy (MeV)

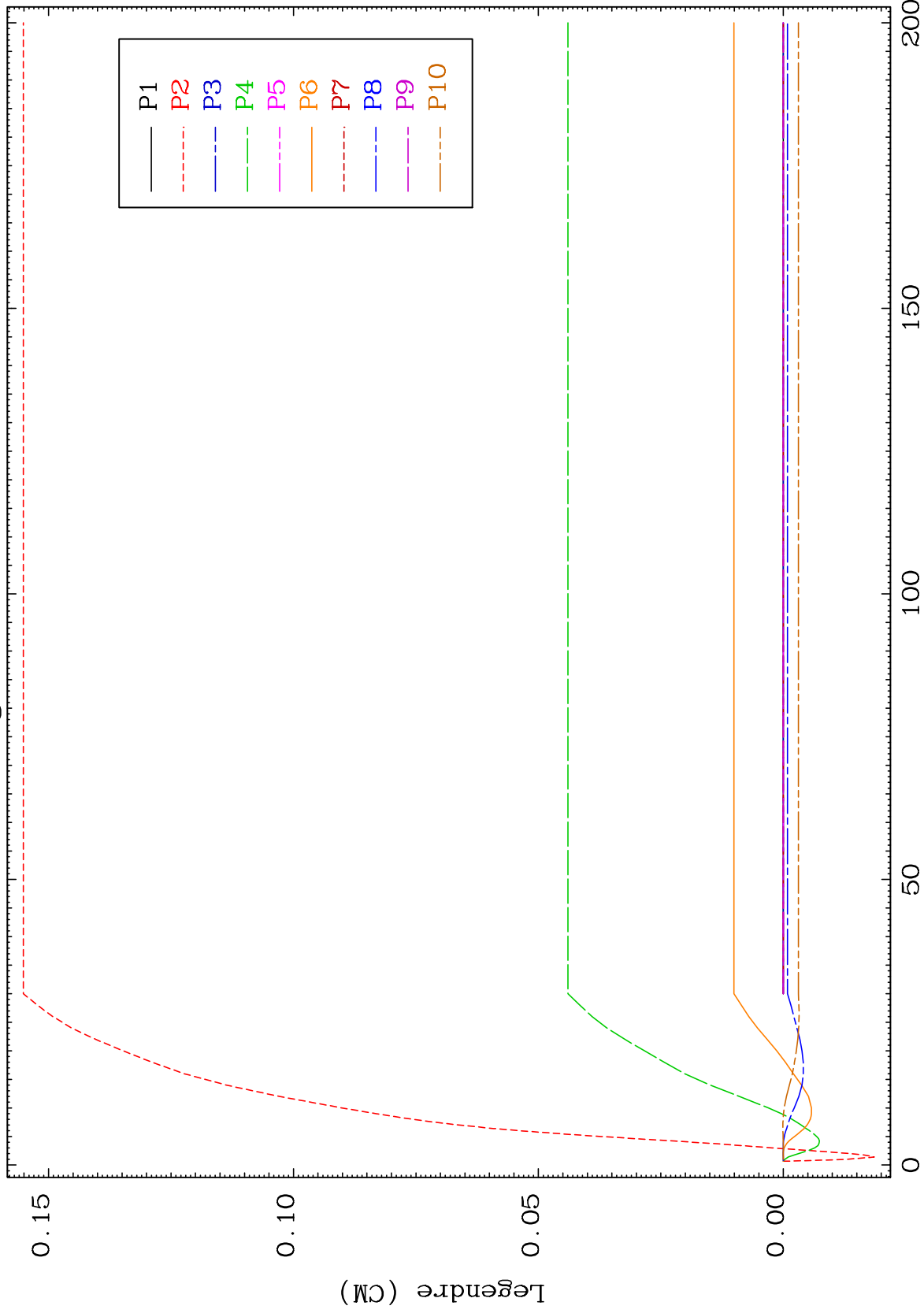
110



MAT 7634

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

76-Os-187



76-Os-187

Incident Energy (MeV)

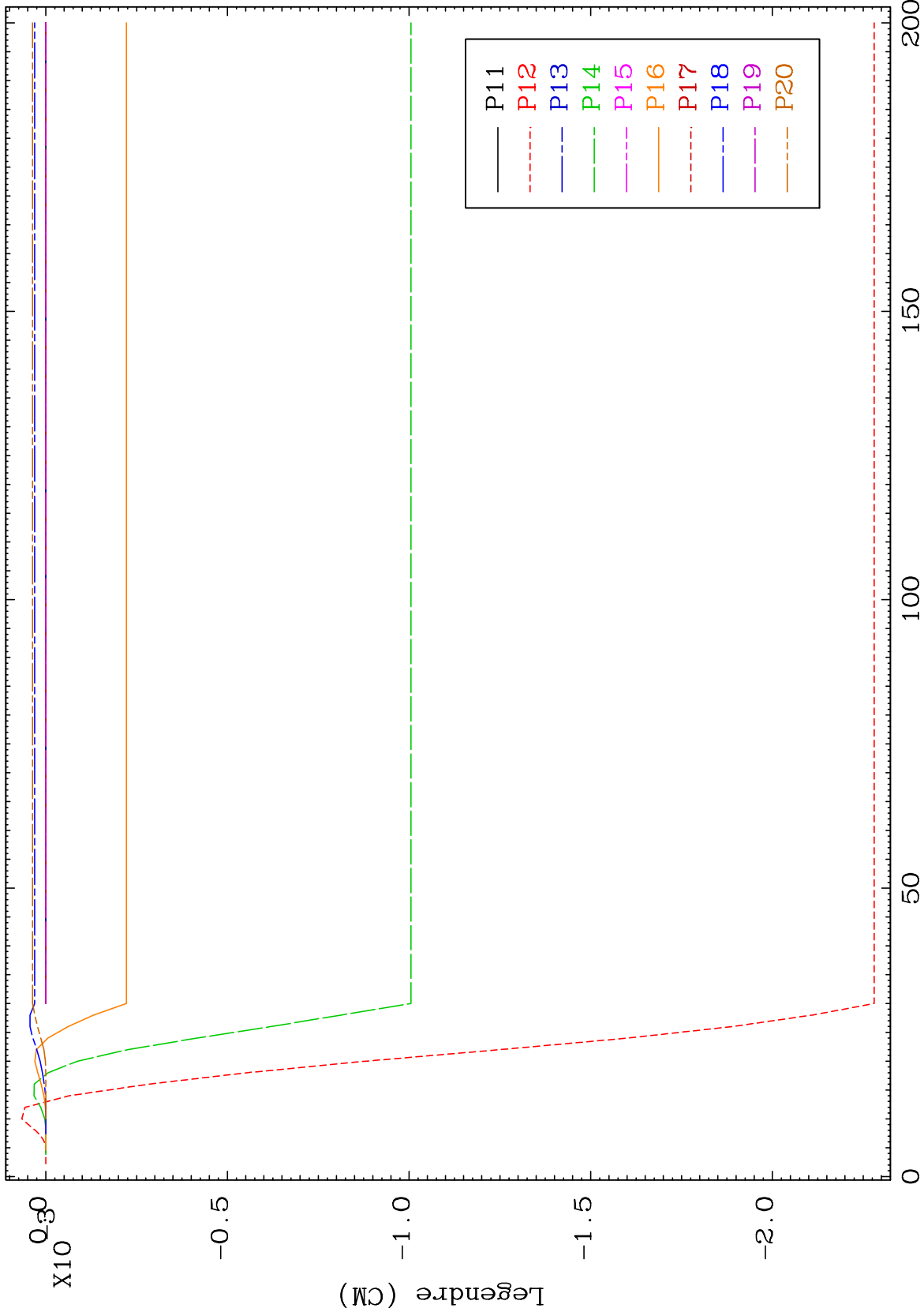
112

MAT 7634

MT= 78 (n,n') Level

76-Os-187

Legendre Coefficients



113

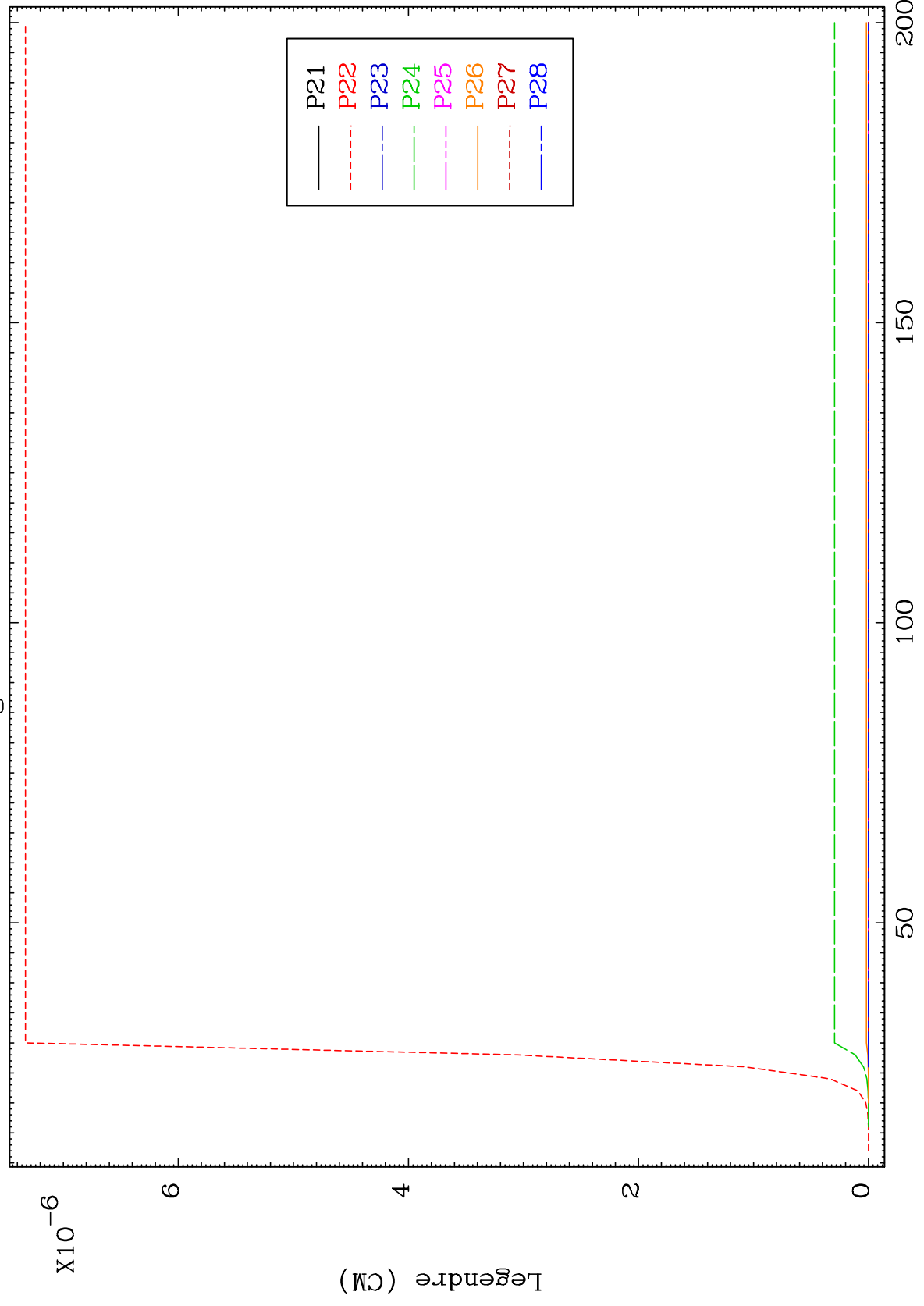
Incident Energy (MeV)

76-Os-187

MAT 7634

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

76-Os-187



76-Os-187

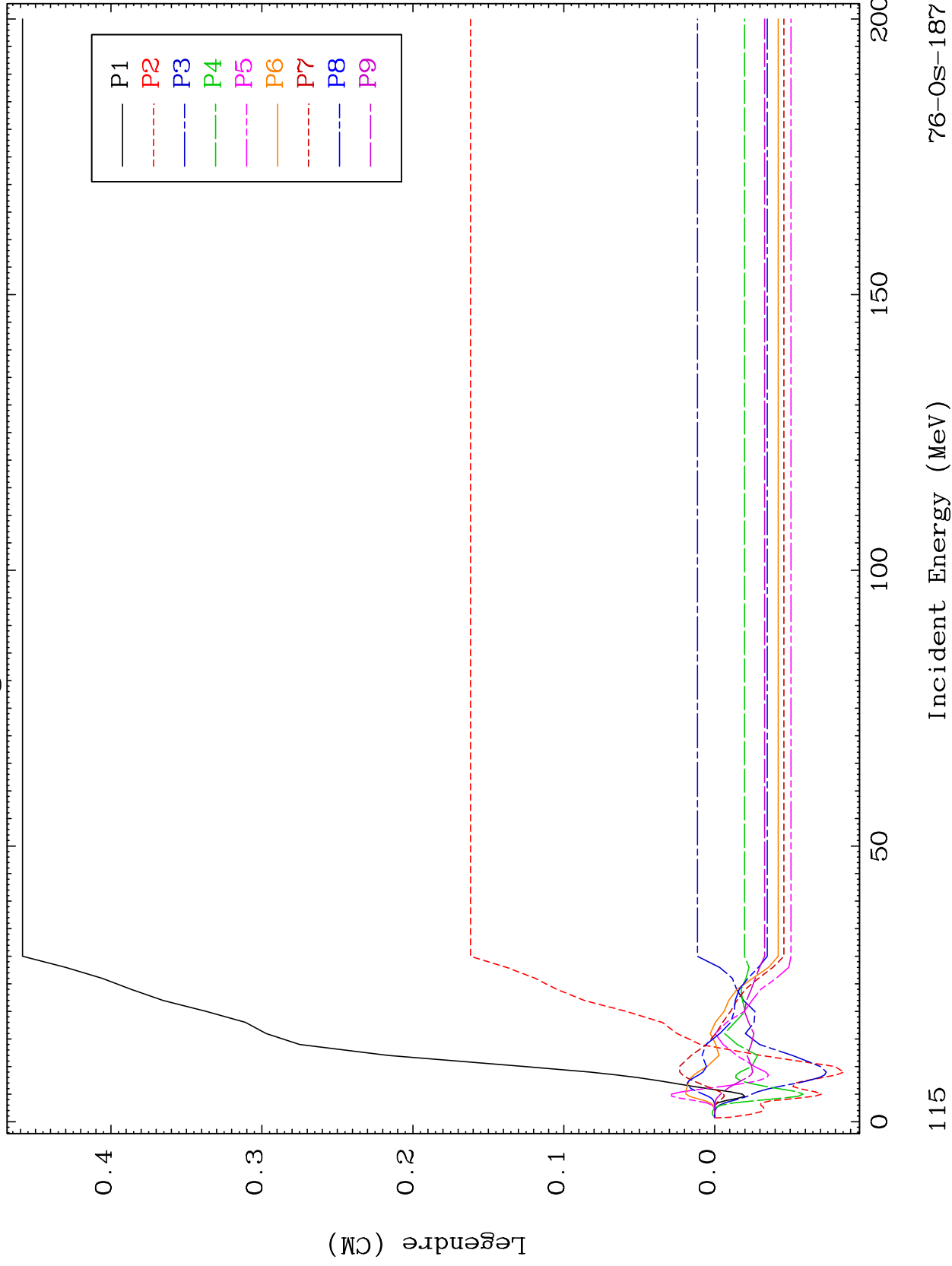
Incident Energy (MeV)

114

MAT 7634

MT= 79 (n,n') Level
Legendre Coefficients

76-Os-187



76-Os-187

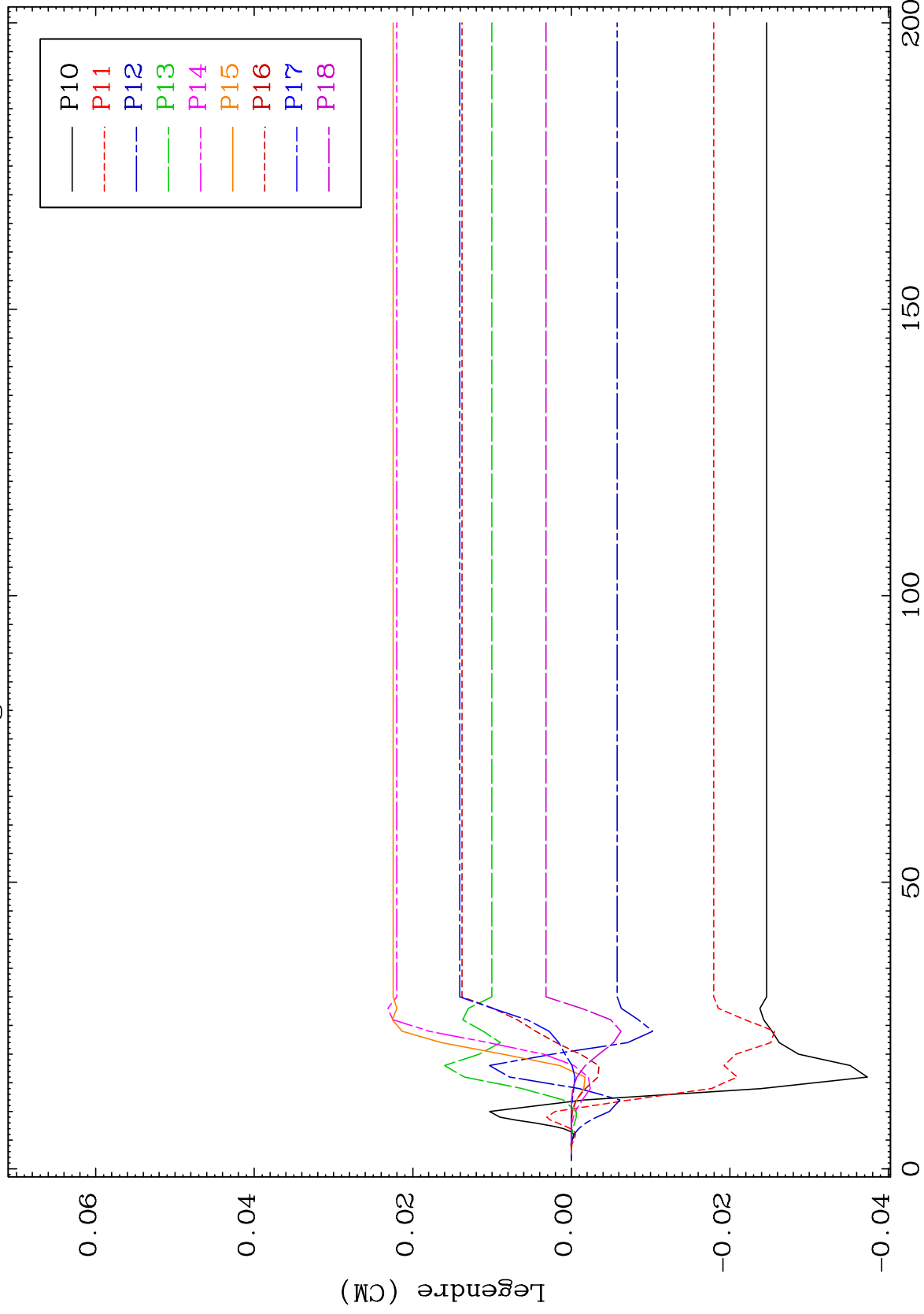
Incident Energy (MeV)

115

MAT 7634

MT= 79 (n,n') Level
Legendre Coefficients

76-Os-187



116

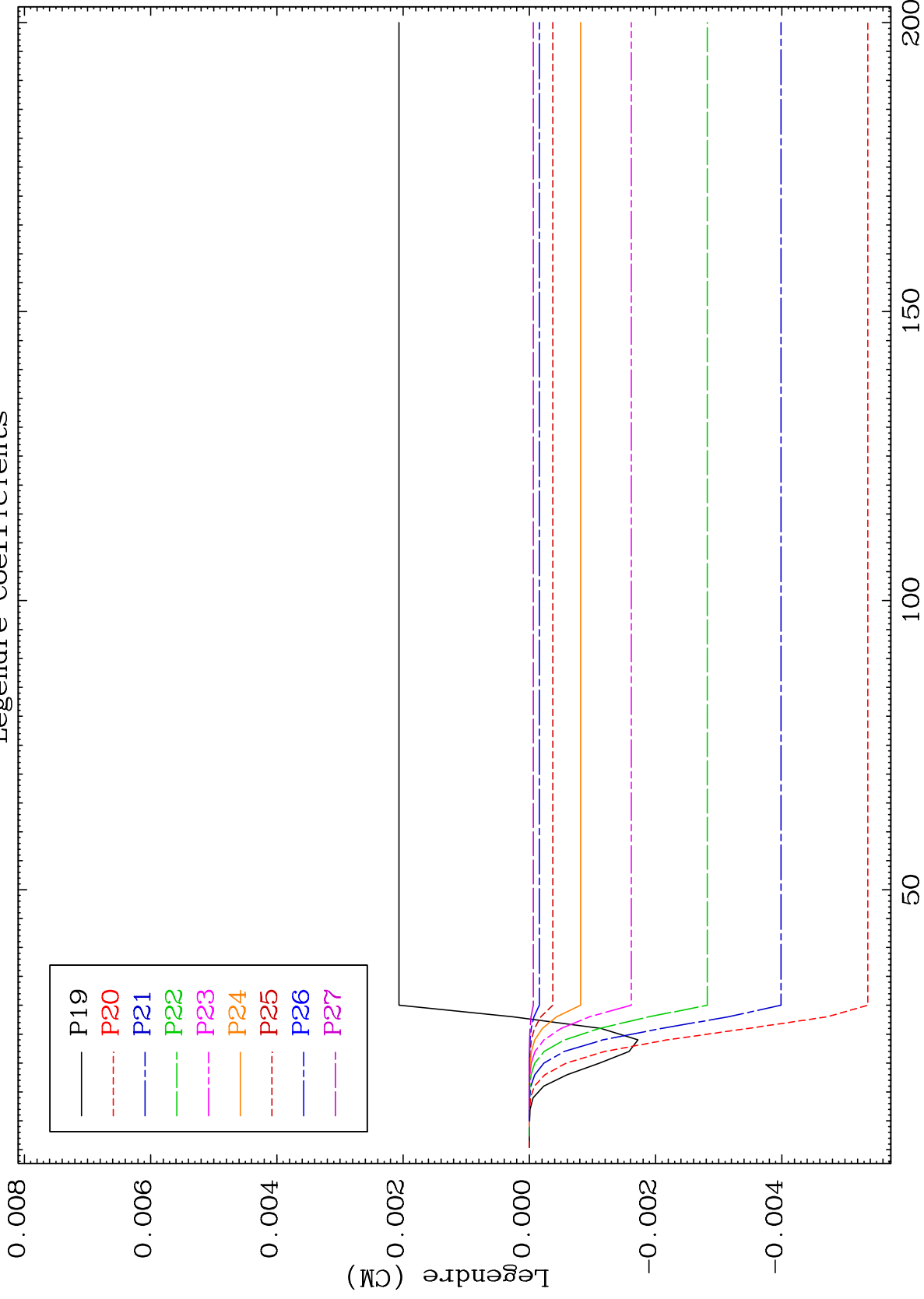
Incident Energy (MeV)

76-Os-187

MAT 7634

MT= 79 (n,n') Level
Legendre Coefficients

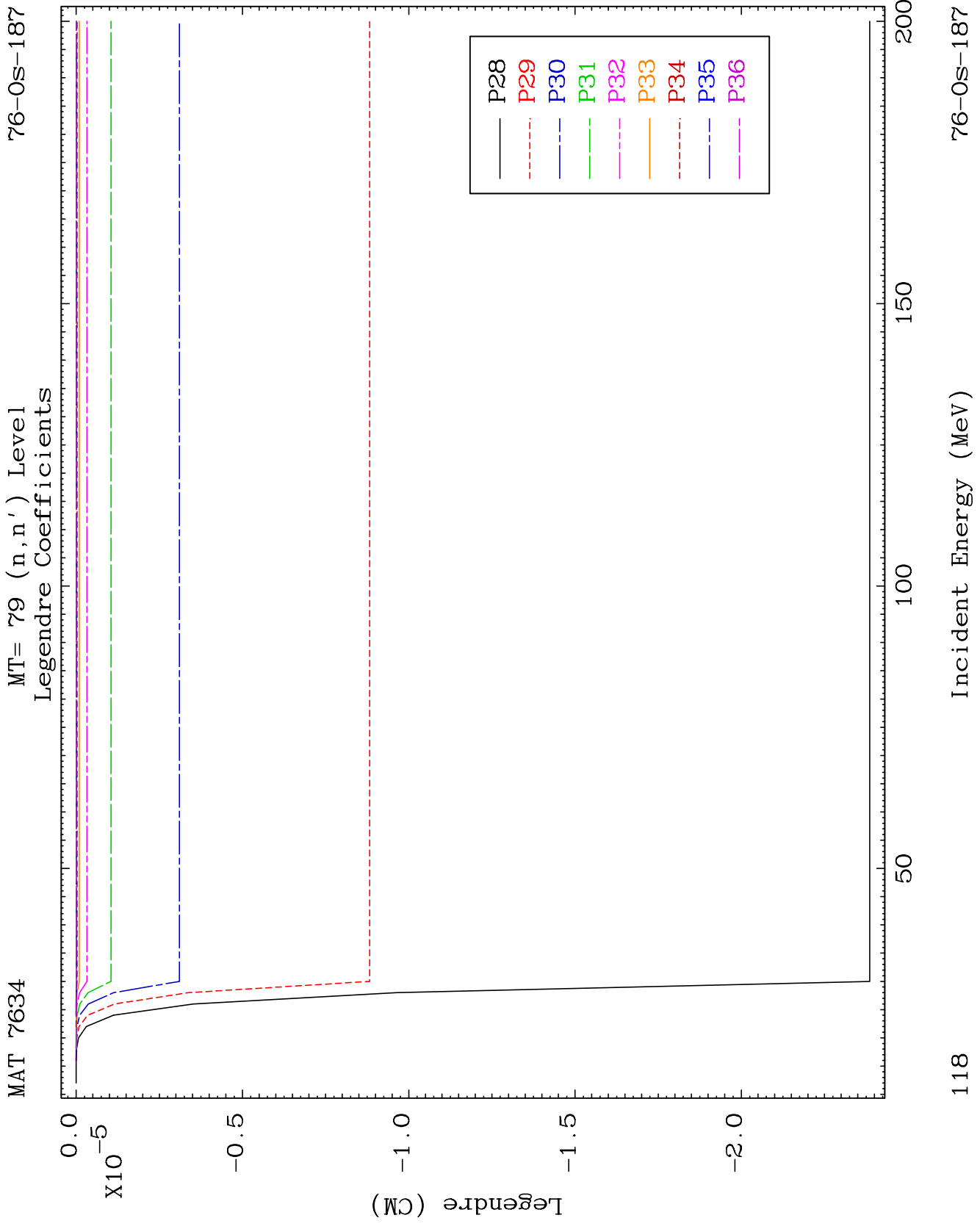
76-Os-187



117

Incident Energy (MeV)

76-Os-187

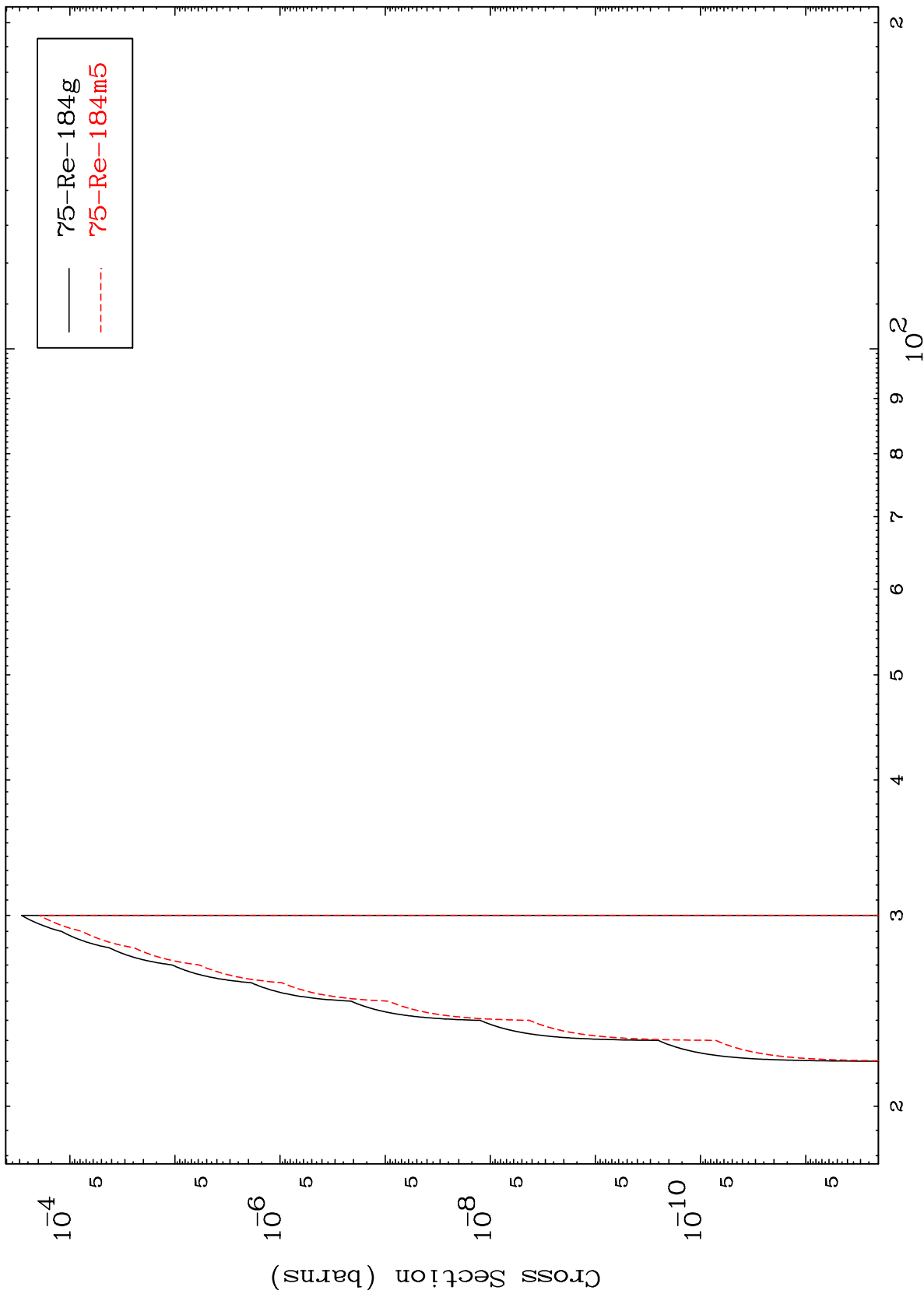


MAT 7634

(n,2n) d

76-Os-187

Radionuclide Production Cross Section



119

Incident Energy (MeV)

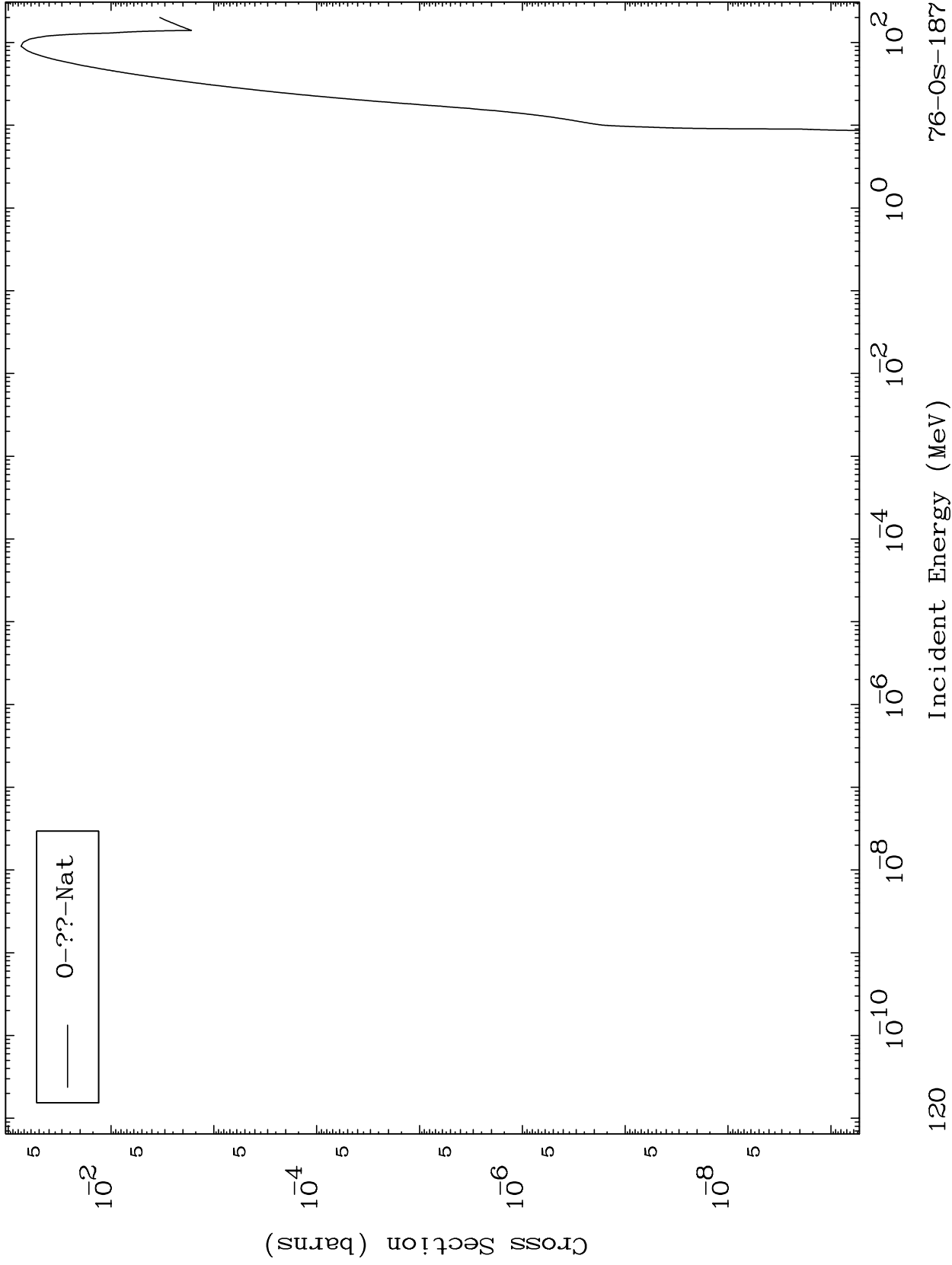
76-Os-187

MAT 7634

Fission

76-Os-187

Radionuclide Production Cross Section

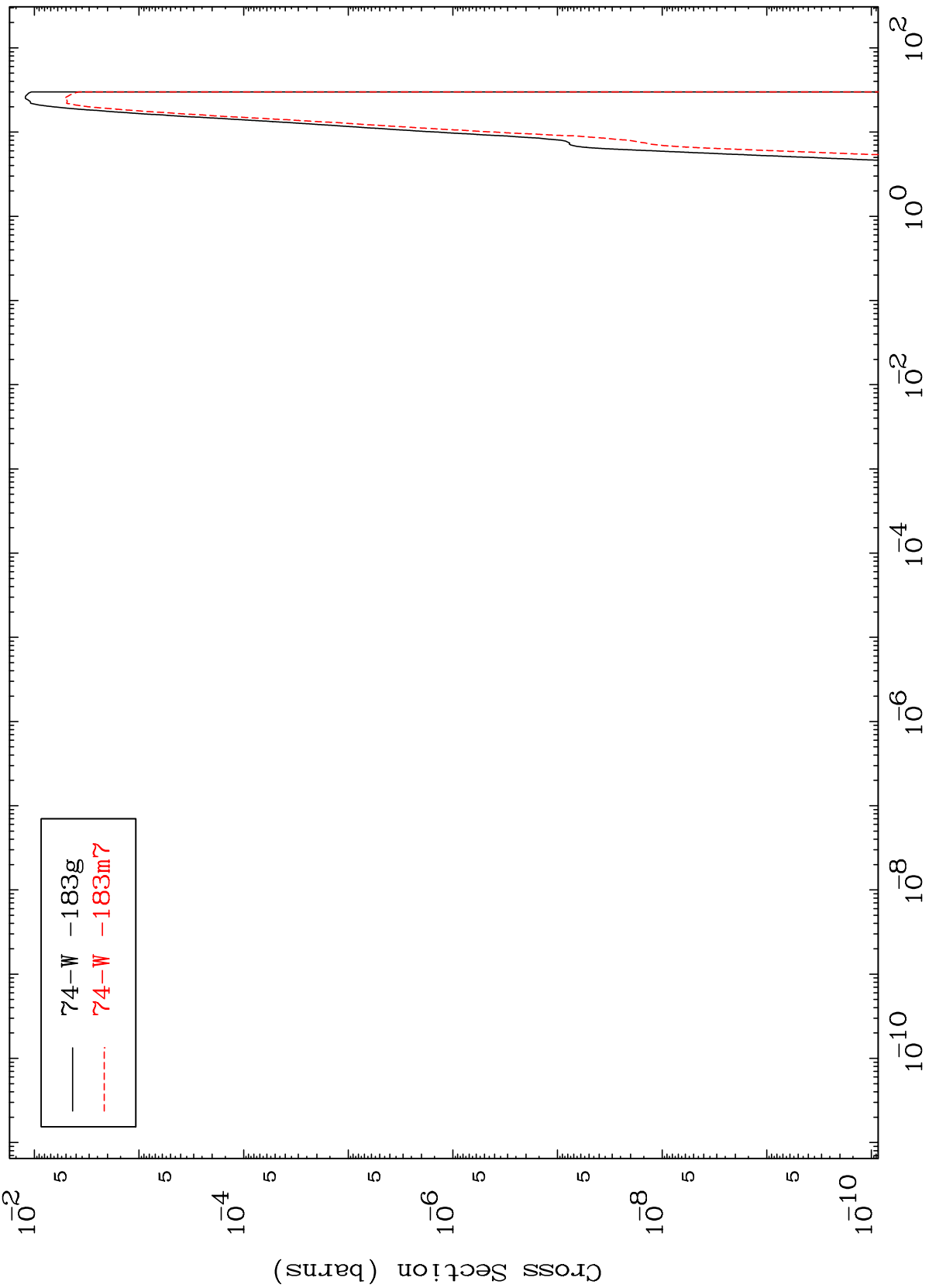


MAT 7634

$(n, n') \alpha$

76-Os-187

Radionuclide Production Cross Section



121

Incident Energy (MeV)

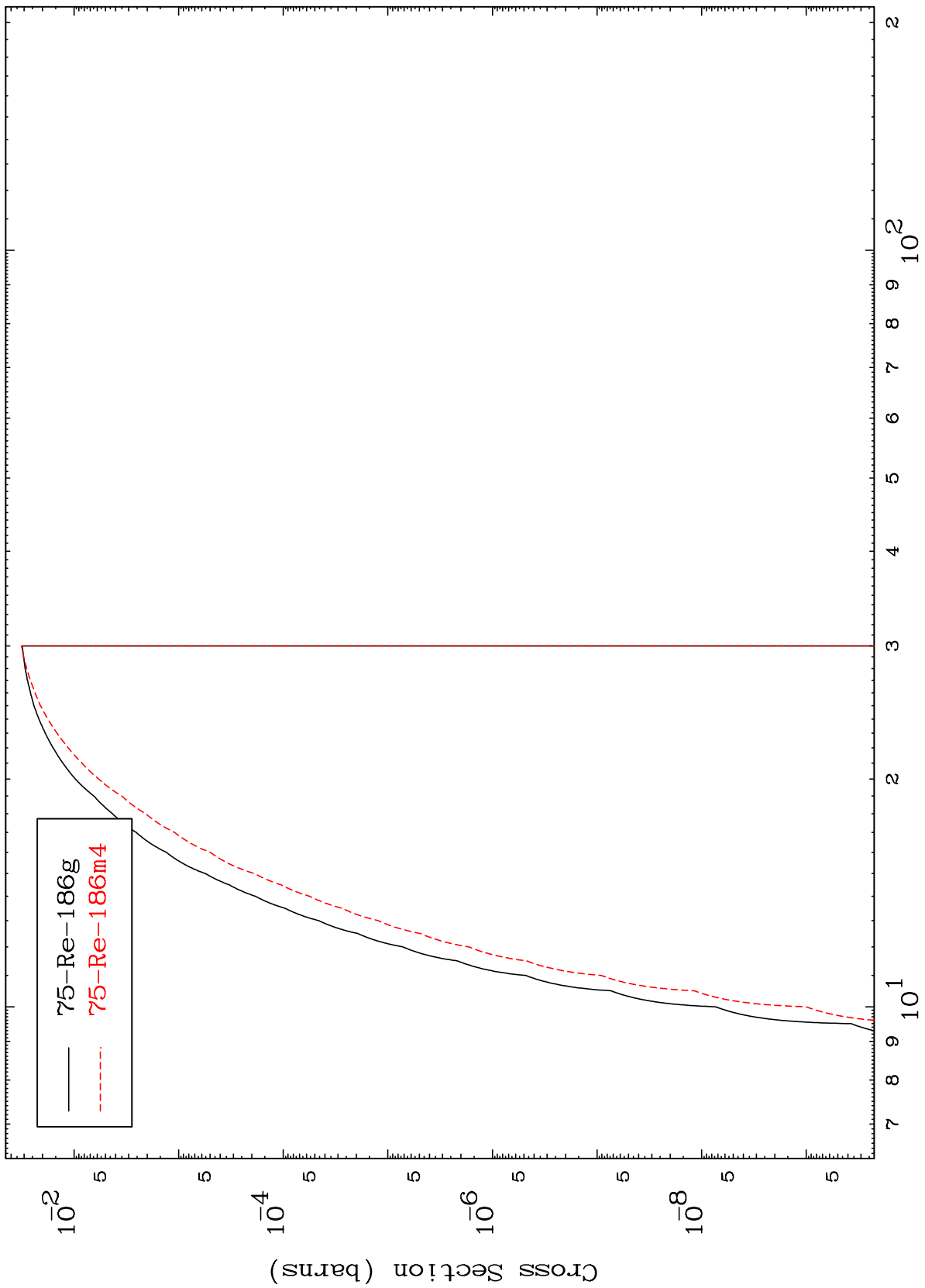
76-Os-187

MAT 7634

(n,n') p

76-Os-187

Radionuclide Production Cross Section



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

122

Incident Energy (MeV)

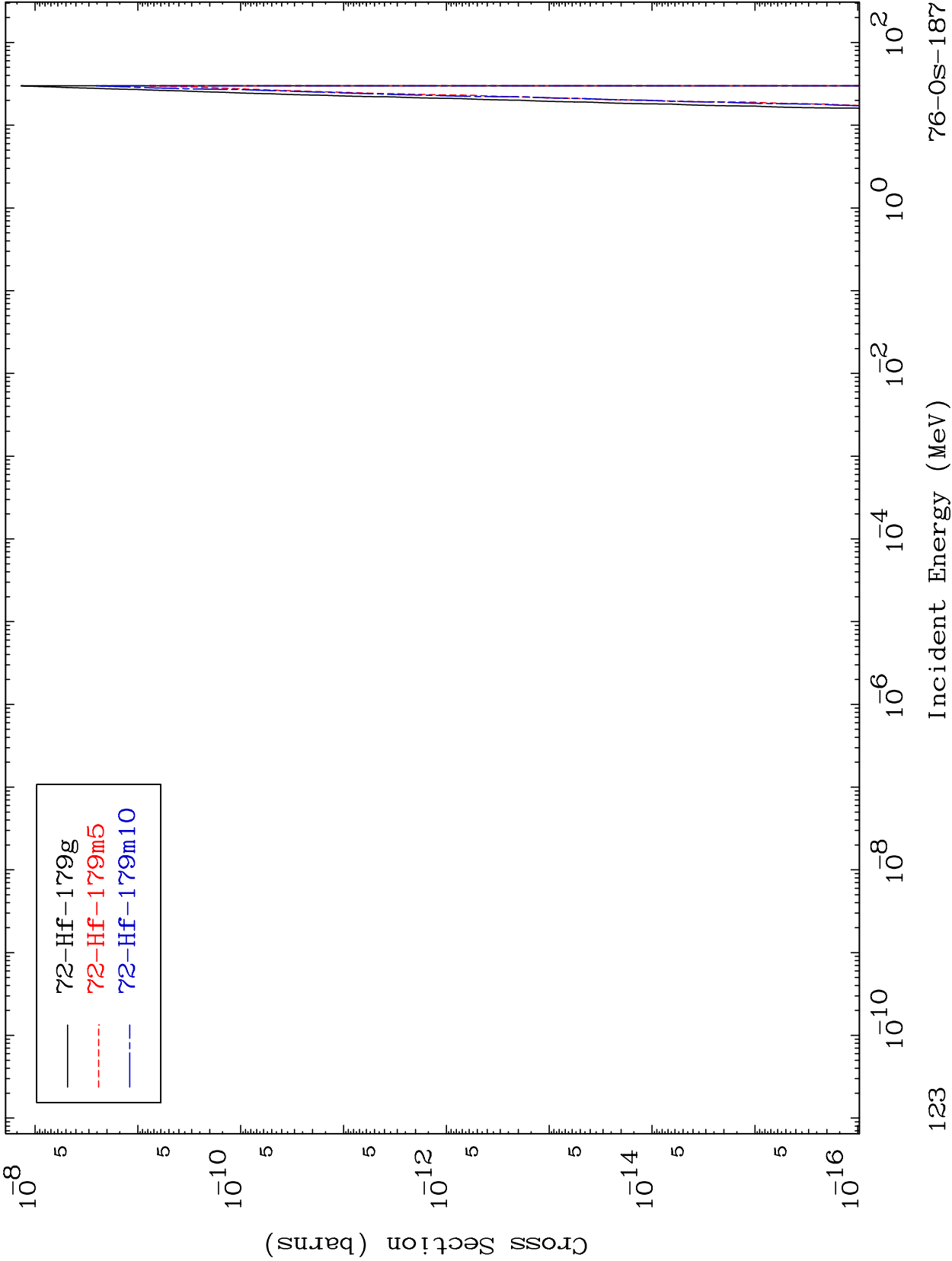
76-Os-187

MAT 7634

(n,n') 2α

76-Os-187

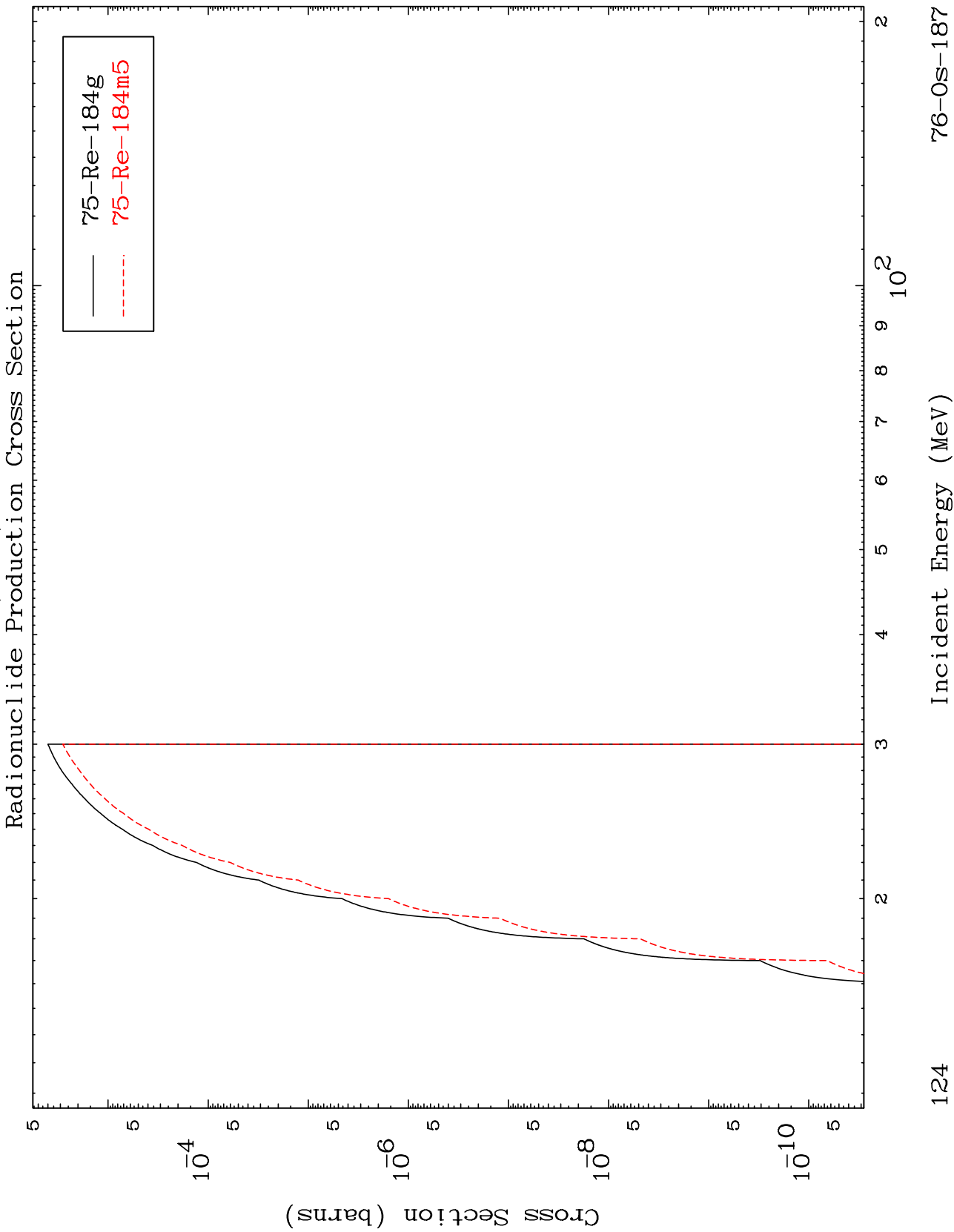
Radionuclide Production Cross Section



MAT 7634

(n,n') t

76-Os-187



124

Incident Energy (MeV)

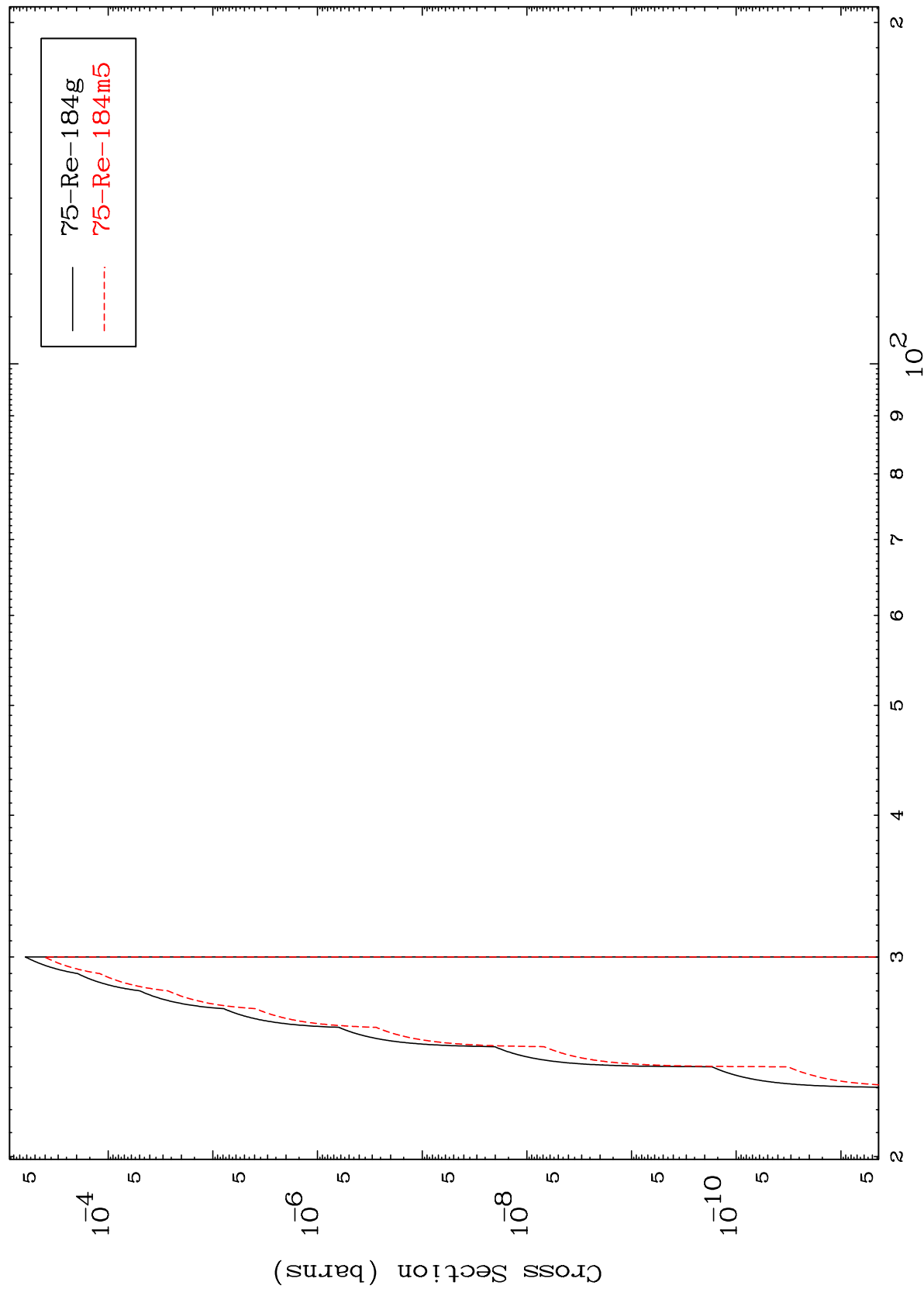
76-Os-187

MAT 7634

(n,3n) p

76-Os-187

Radionuclide Production Cross Section

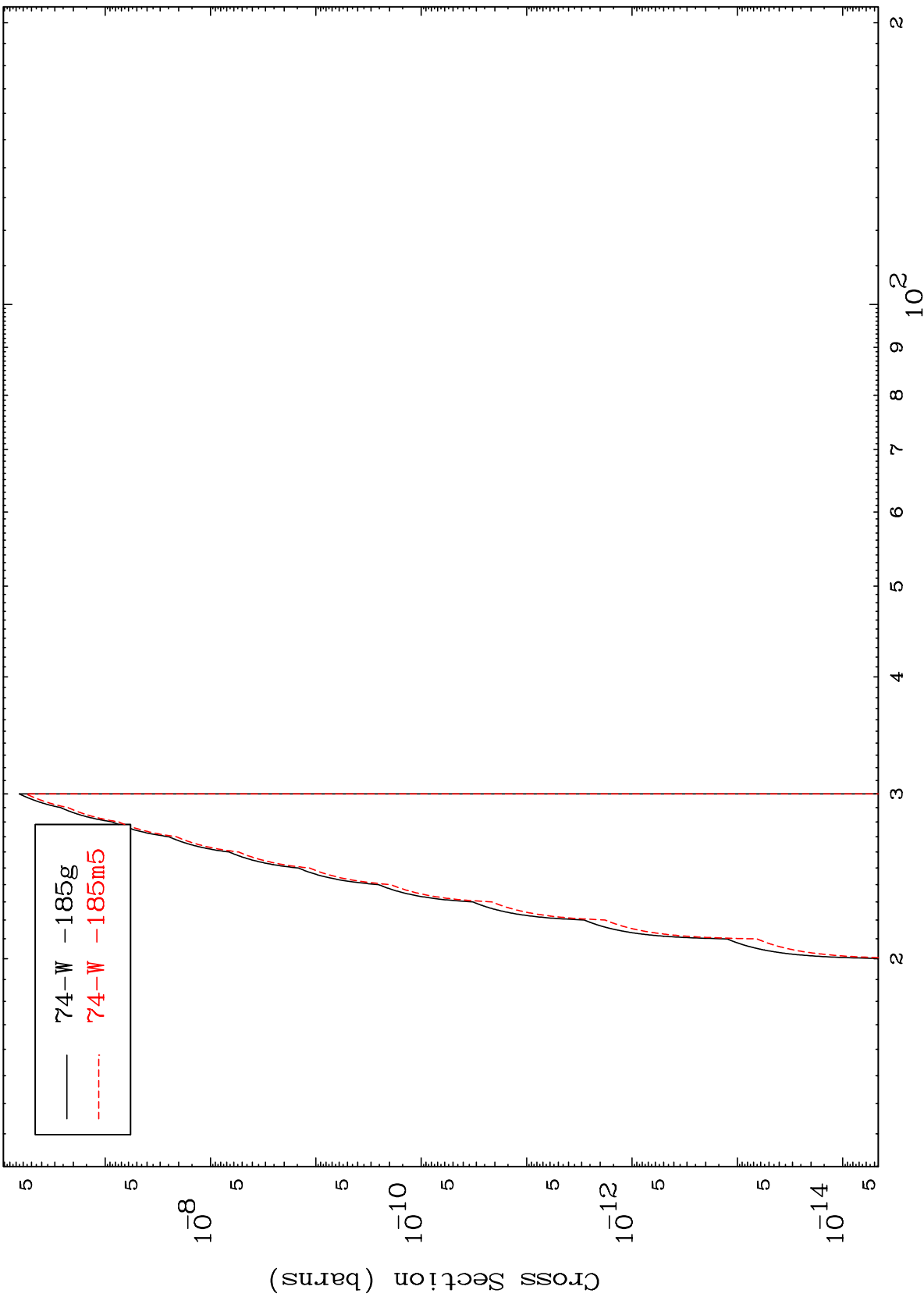


125

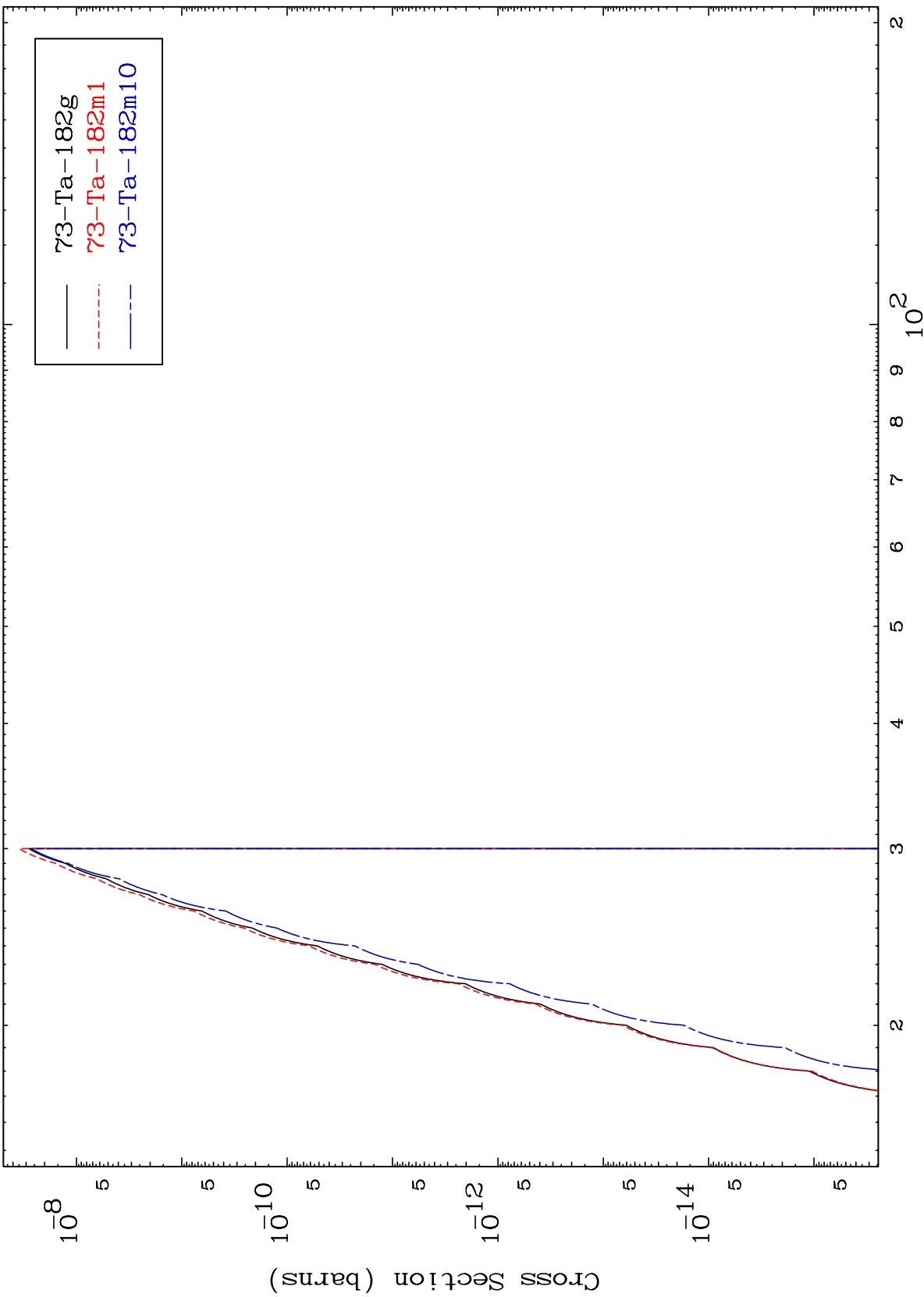
Incident Energy (MeV)

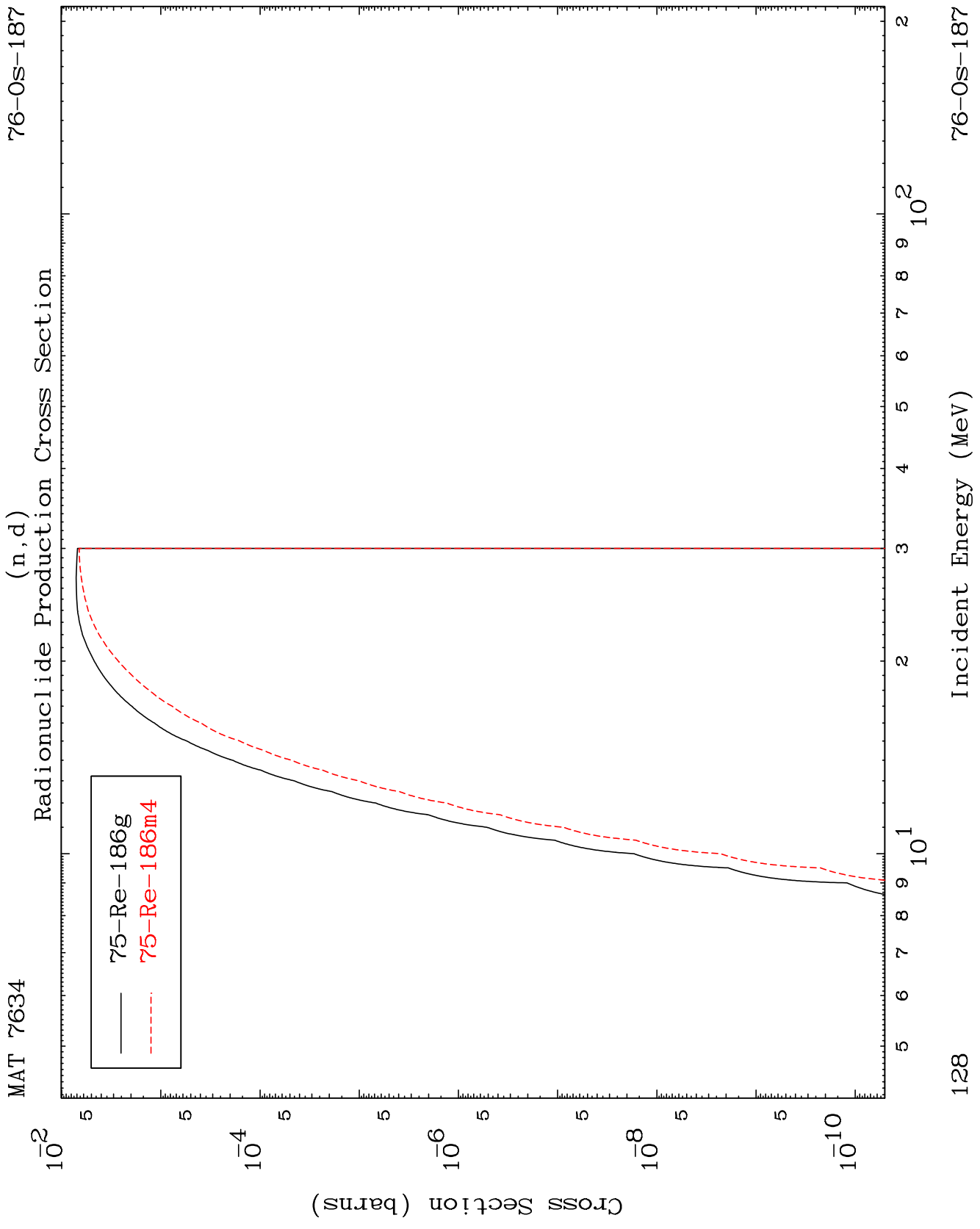
76-Os-187

Radionuclide Production Cross Section

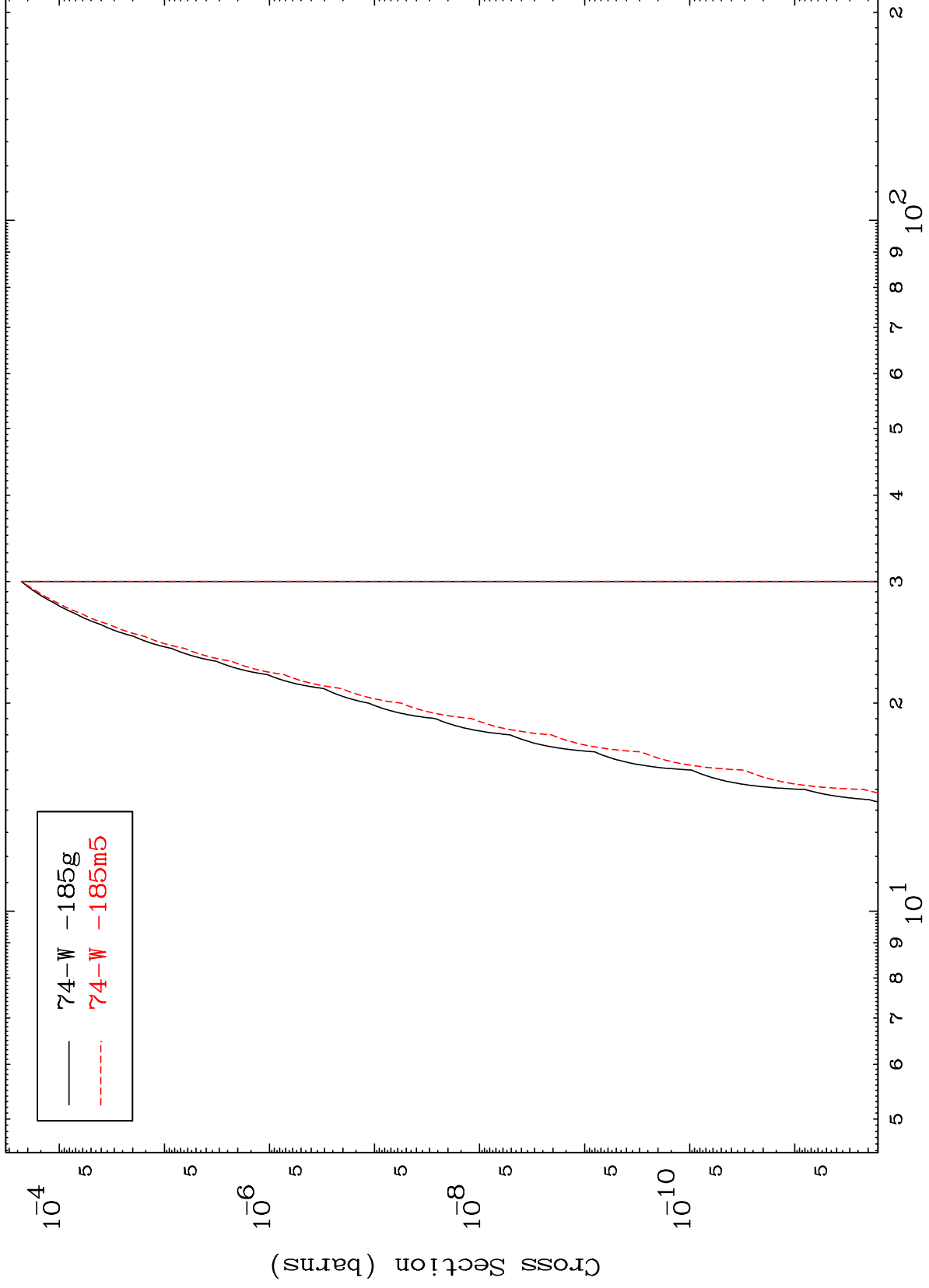


Radionuclide Production Cross Section





Radionuclide Production Cross Section

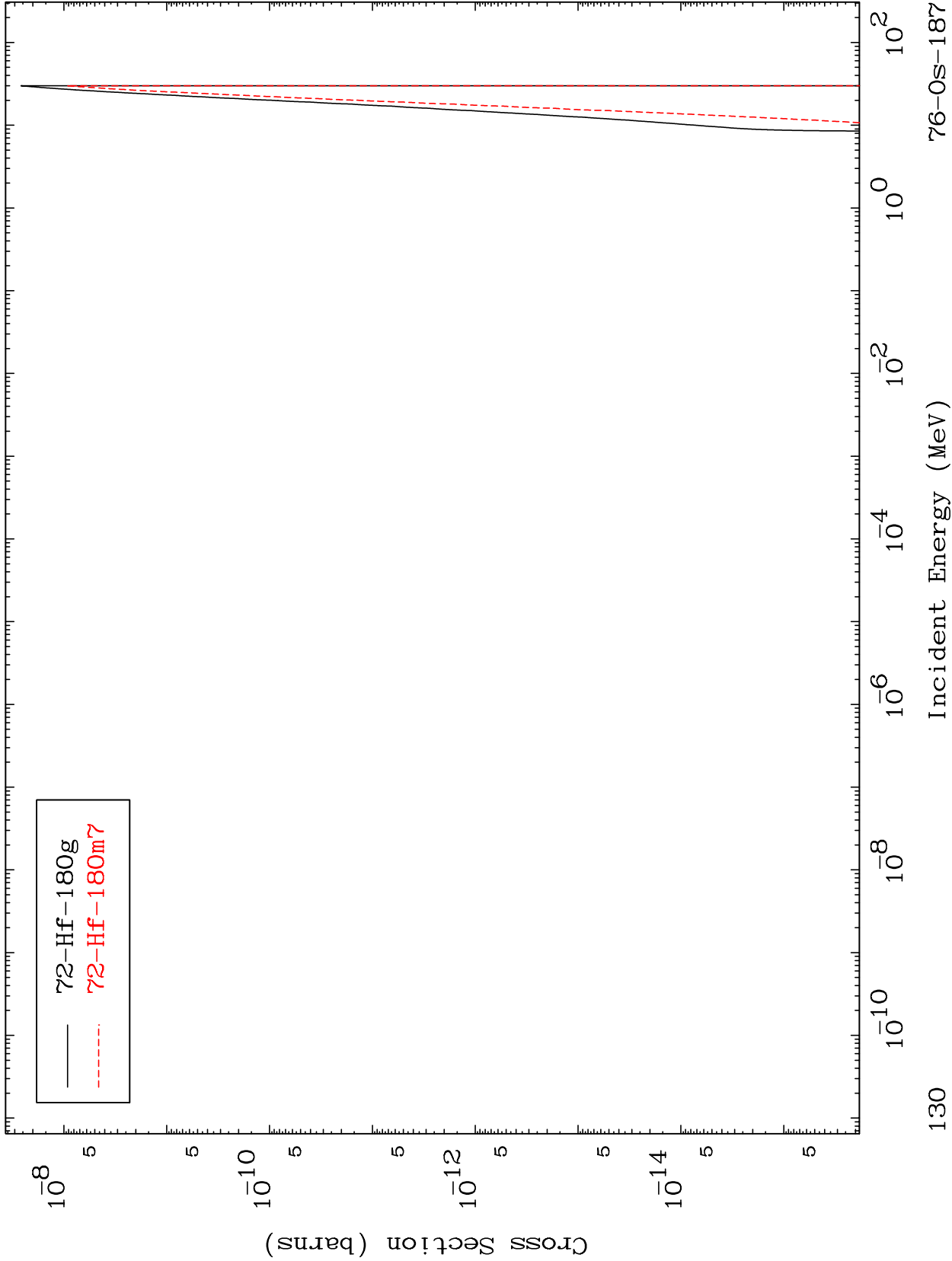


MAT 7634

(n,2α)

76-Os-187

Radionuclide Production Cross Section



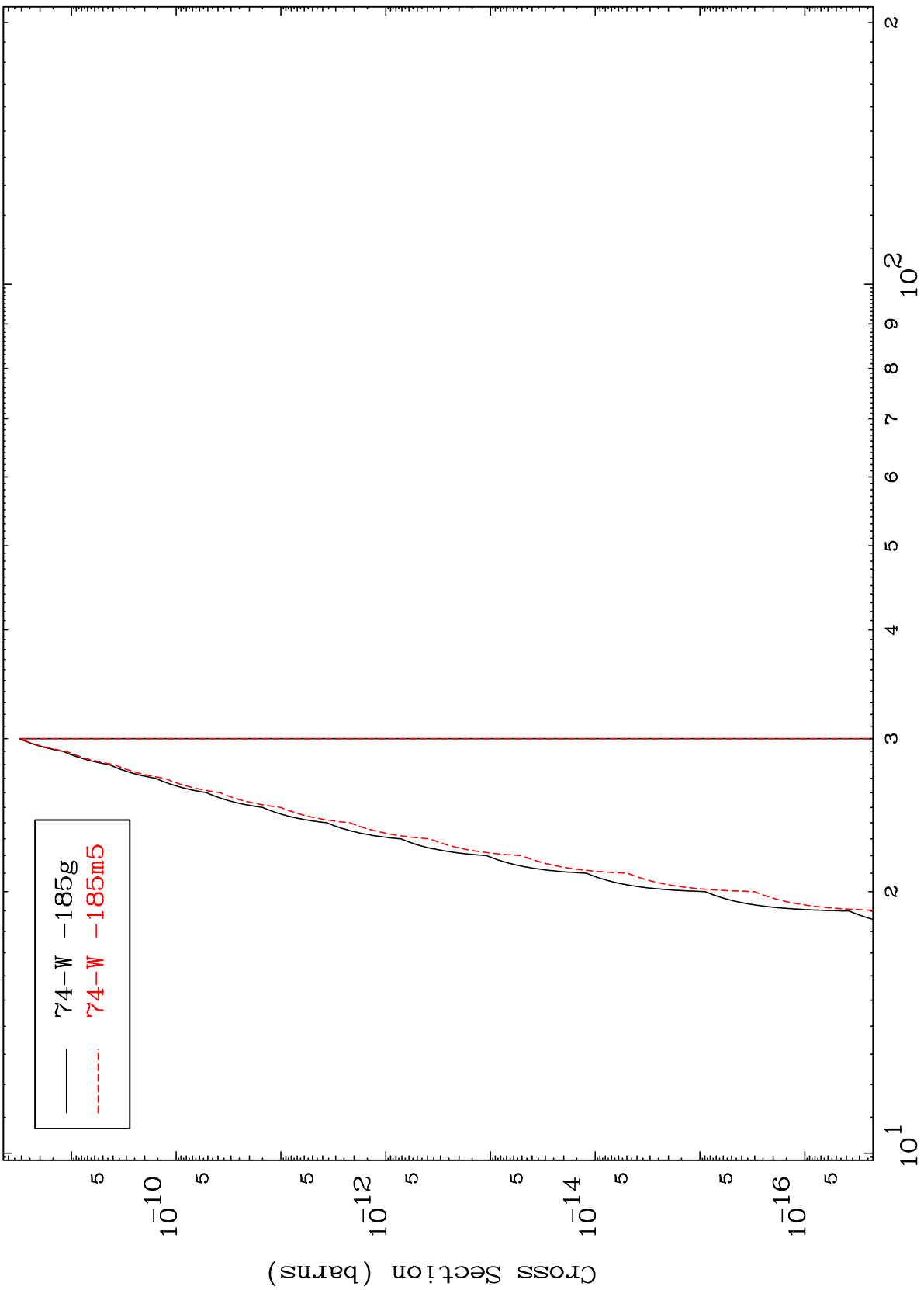
— 72-Hf-180g
- - - 72-Hf-180m7

MAT 7634

(n,p) d

76-Os-187

Radionuclide Production Cross Section



74-W -185g
74-W -185m5

131

Incident Energy (MeV)

76-Os-187

MAT 7634

(n,d) α

76-Os-187

Radionuclide Production Cross Section

