

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

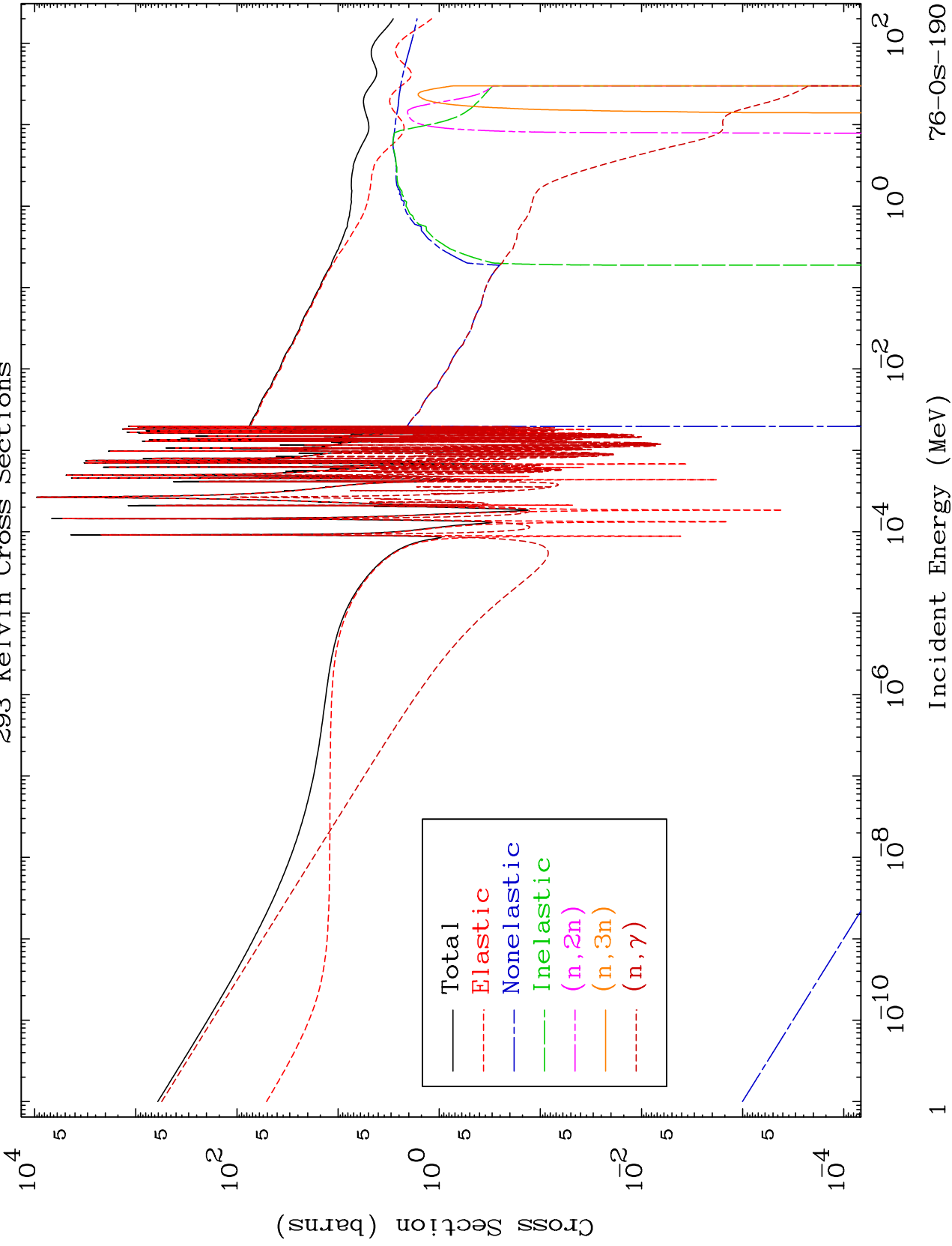
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7643

Neutron Major
293 Kelvin Cross Sections

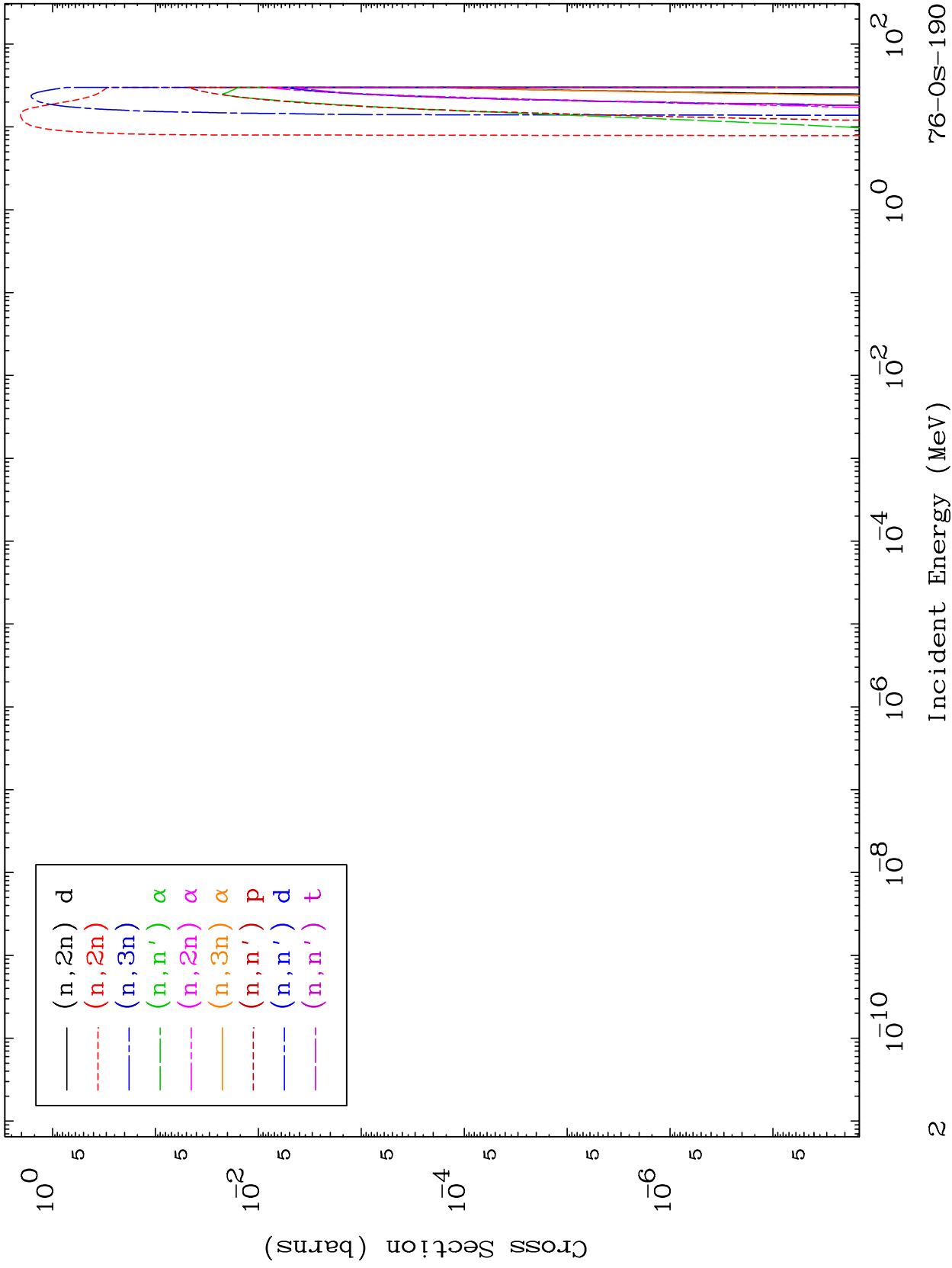
76-Os-190



MAT 7643

Neutron Absorption
293 Kelvin Cross Sections

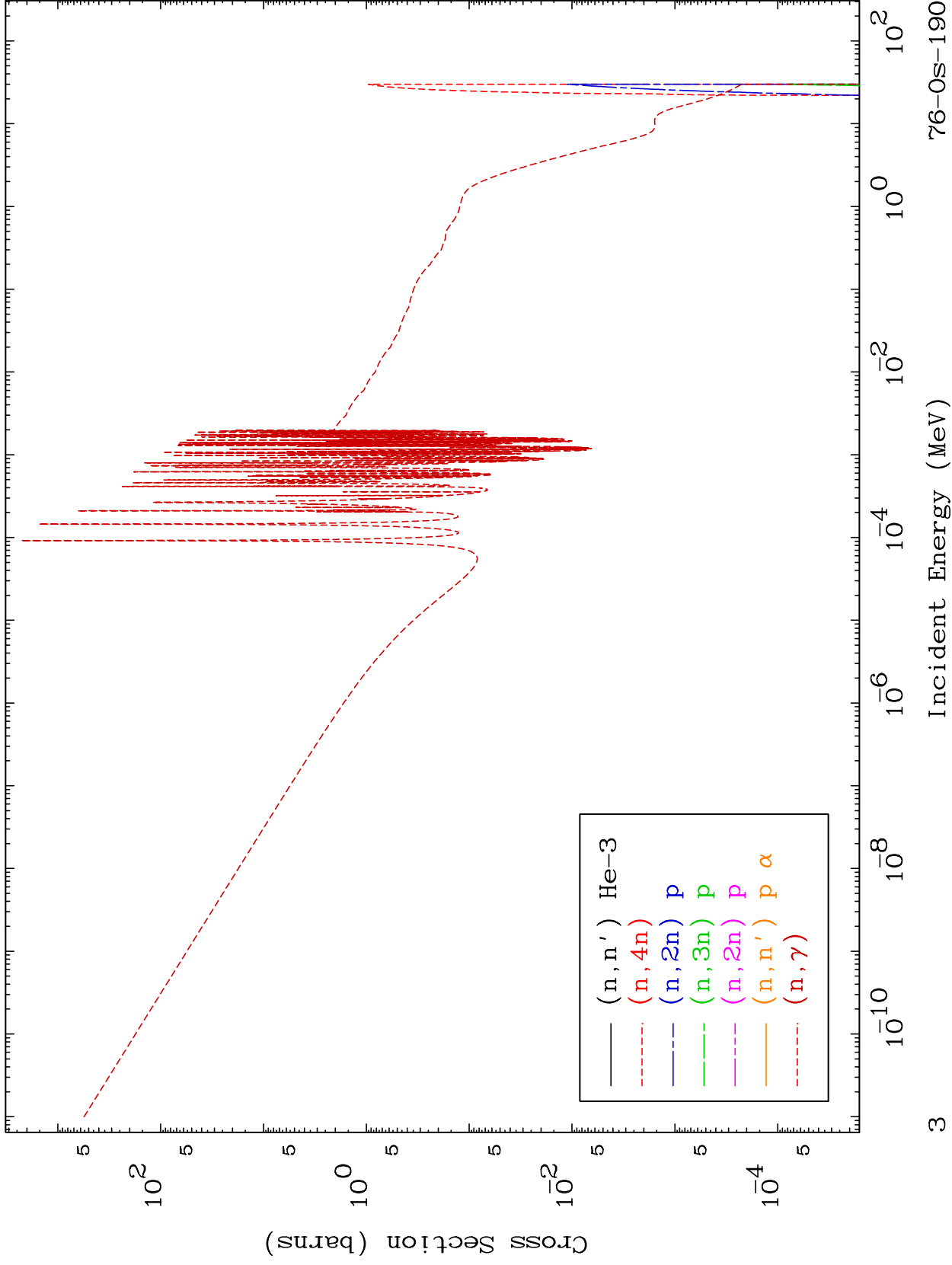
76-Os-190



MAT 7643

Neutron Absorption
293 Kelvin Cross Sections

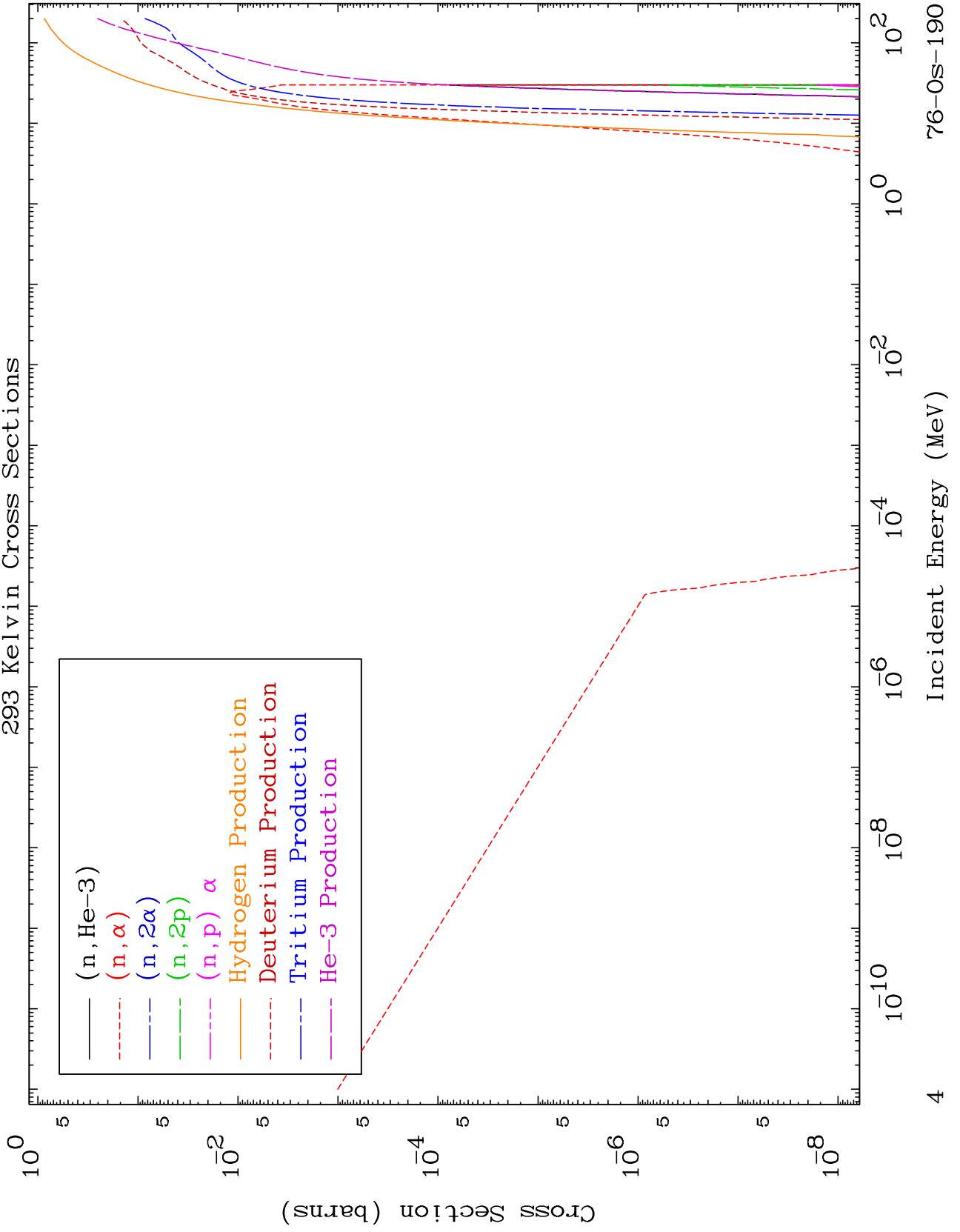
76-Os-190



MAT 7643

Neutron Absorption
293 Kelvin Cross Sections

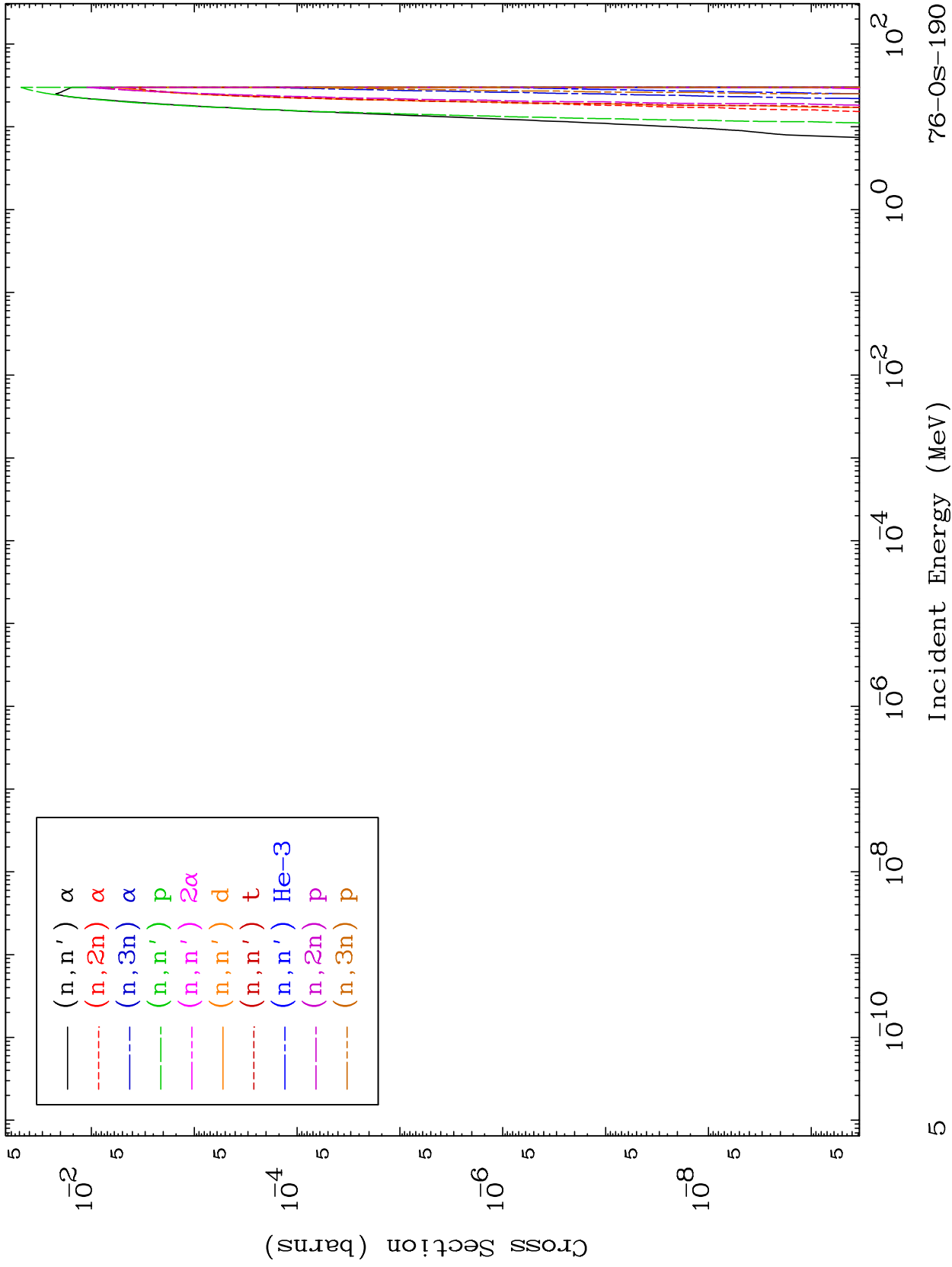
76-Os-190



MAT 7643

Charged Particle
293 Kelvin Cross Sections

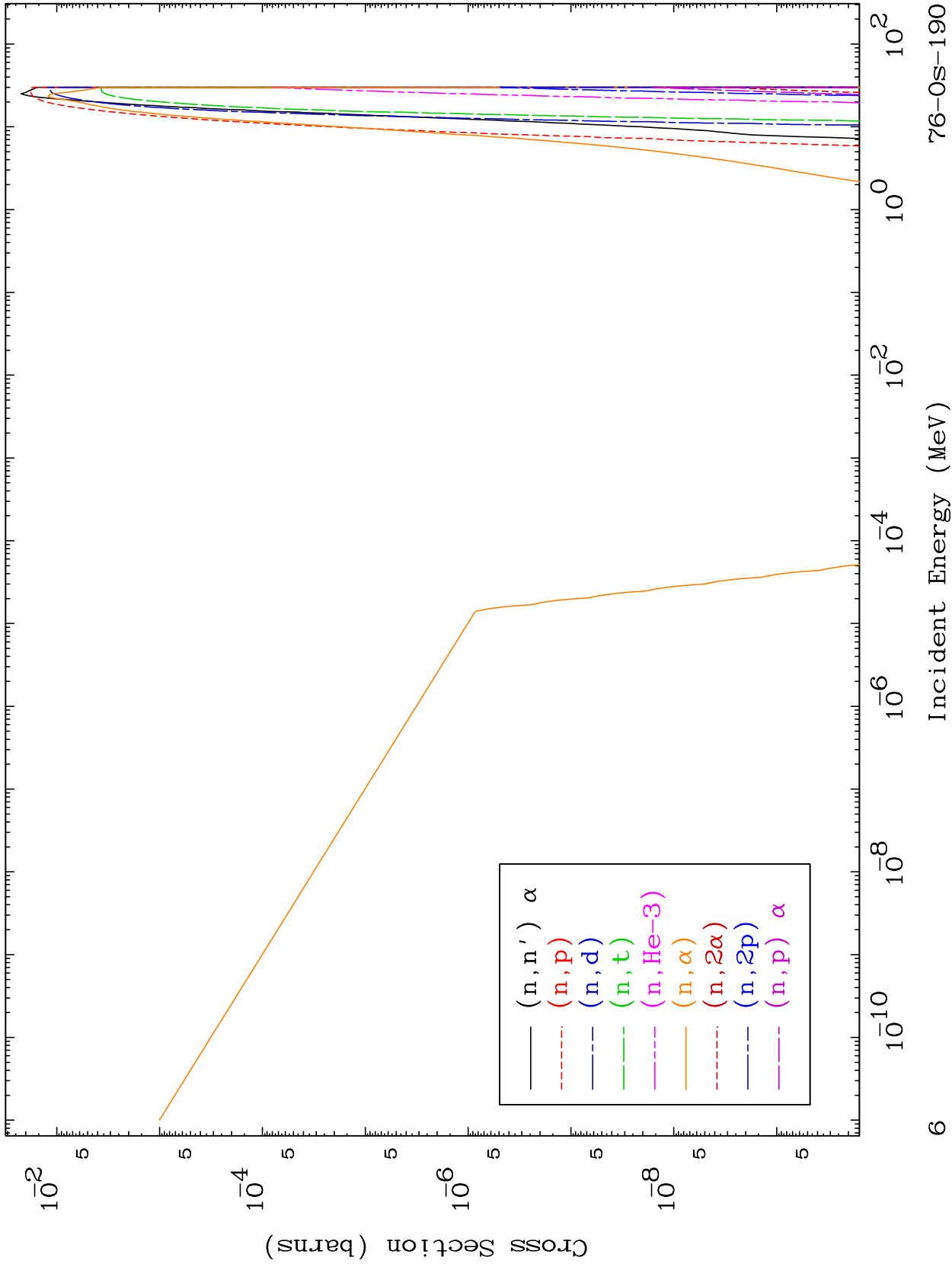
76-Os-190



MAT 7643

Charged Particle
293 Kelvin Cross Sections

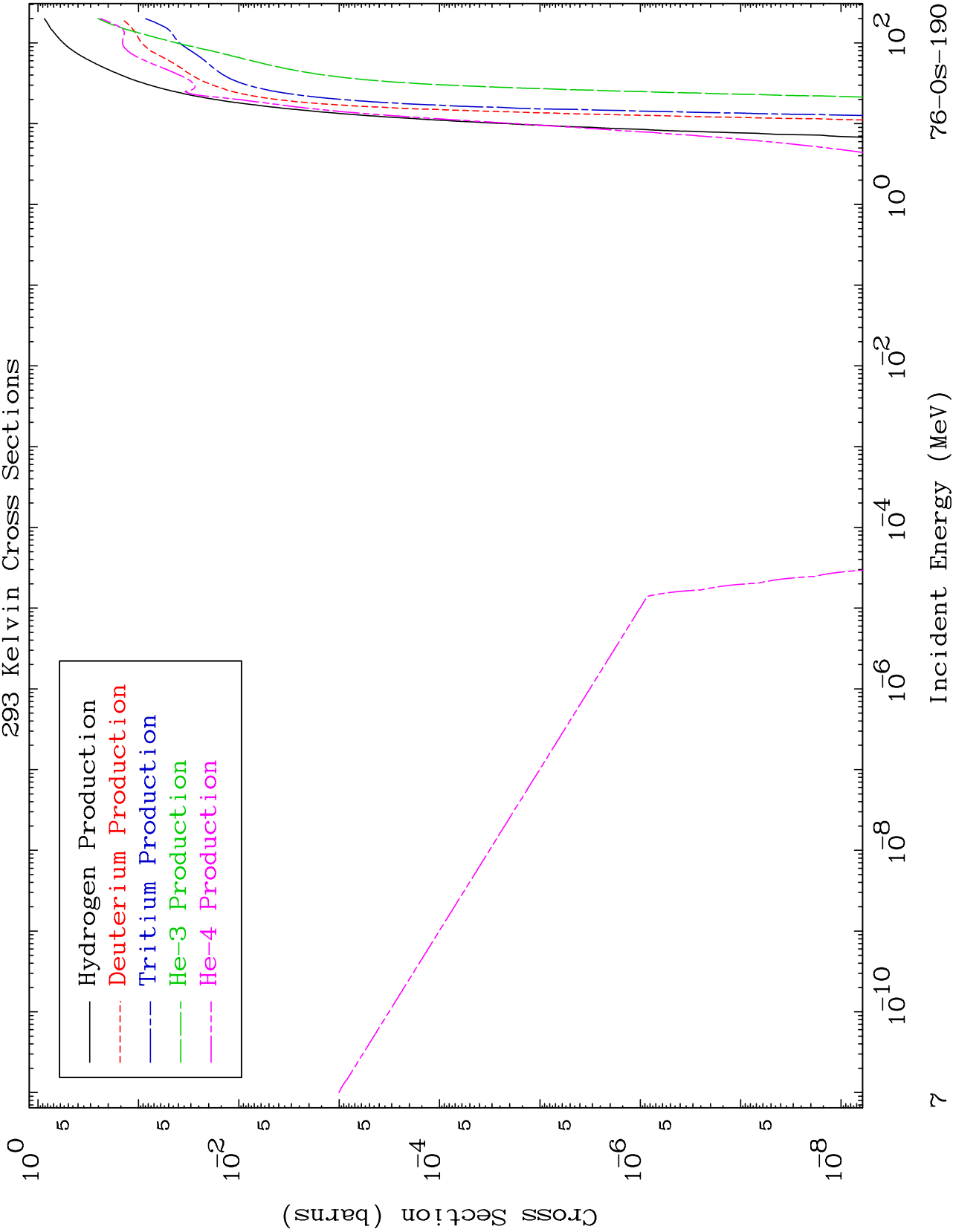
76-Os-190



MAT 7643

Particle Production
293 Kelvin Cross Sections

76-Os-190

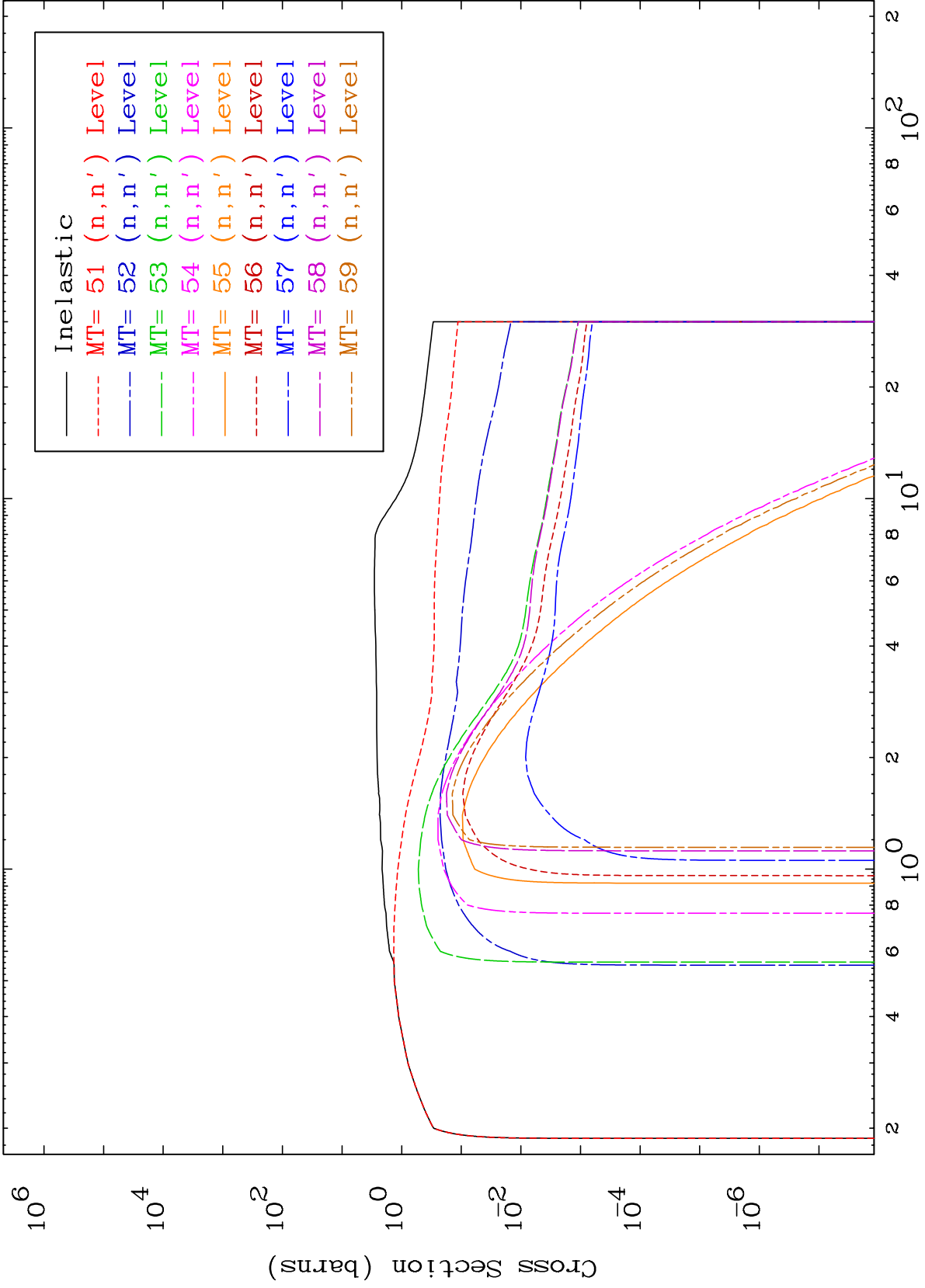


MAT 7643

(n,n') Levels

76-Os-190

293 Kelvin Cross Sections



8

Incident Energy (MeV)

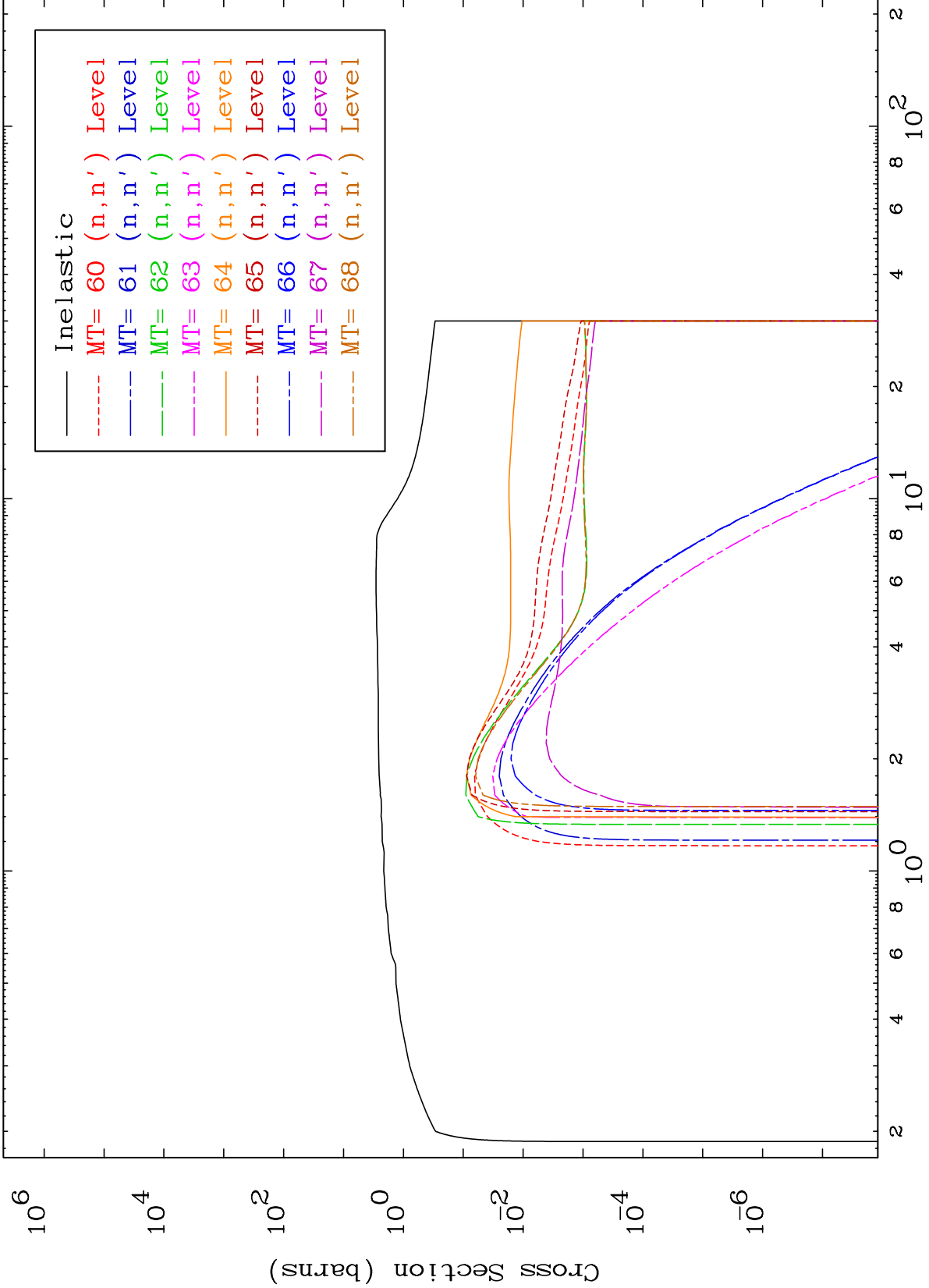
76-Os-190

MAT 7643

(n,n') Levels

76-Os-190

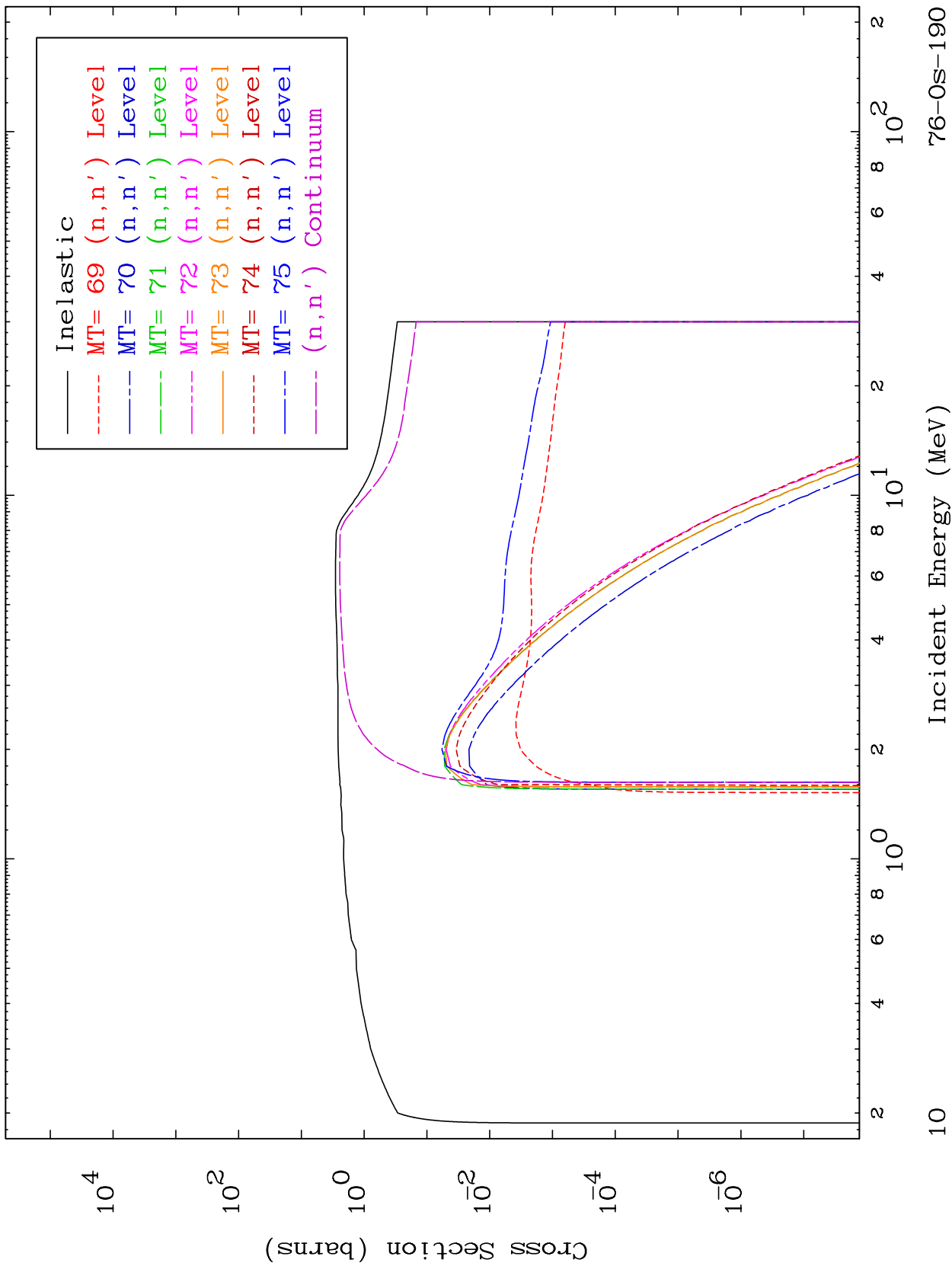
293 Kelvin Cross Sections



MAT 7643

(n,n') Levels
293 Kelvin Cross Sections

76-Os-190



76-Os-190

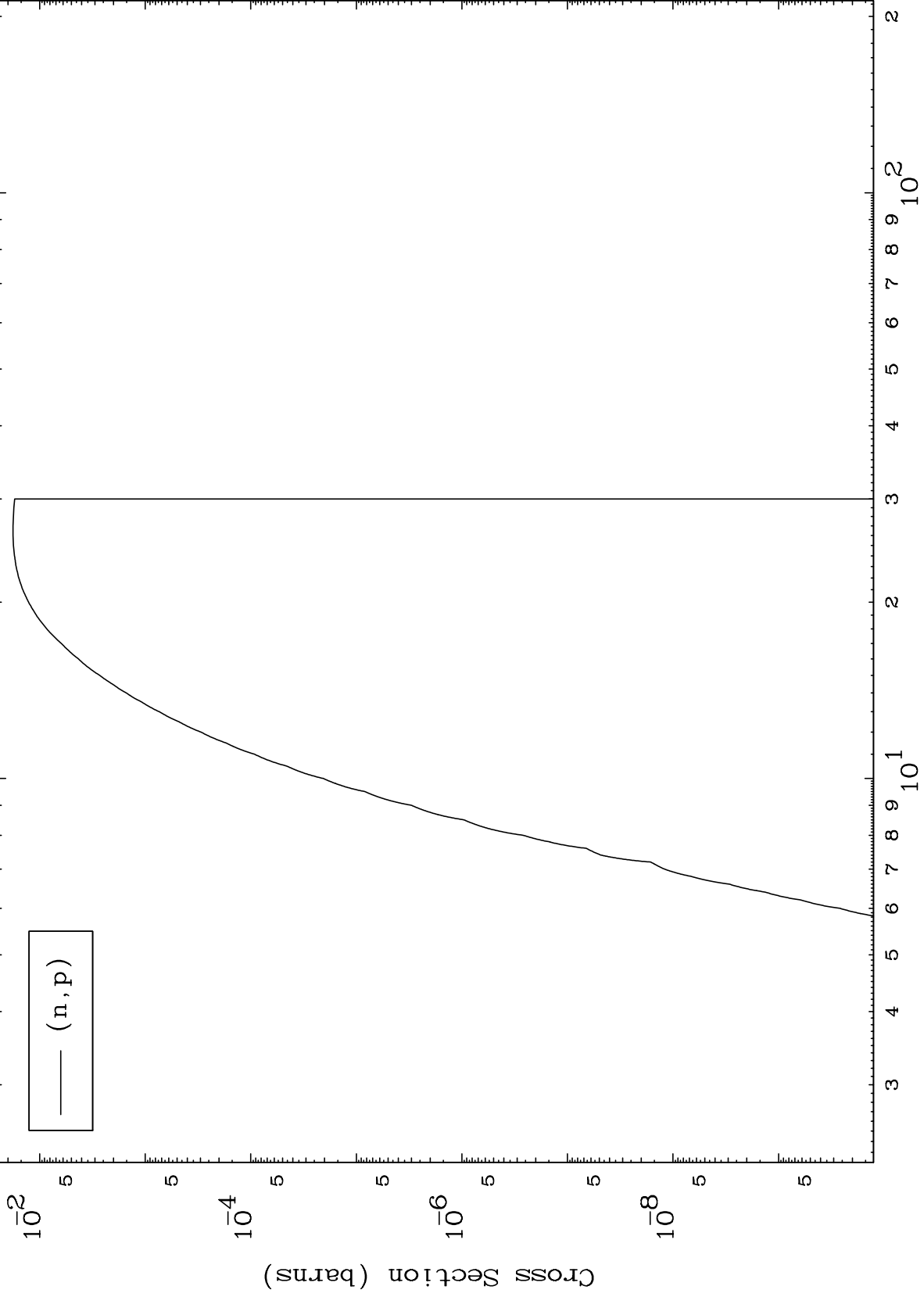
Incident Energy (MeV)

10

MAT 7643

(n,p) Levels
293 Kelvin Cross Sections

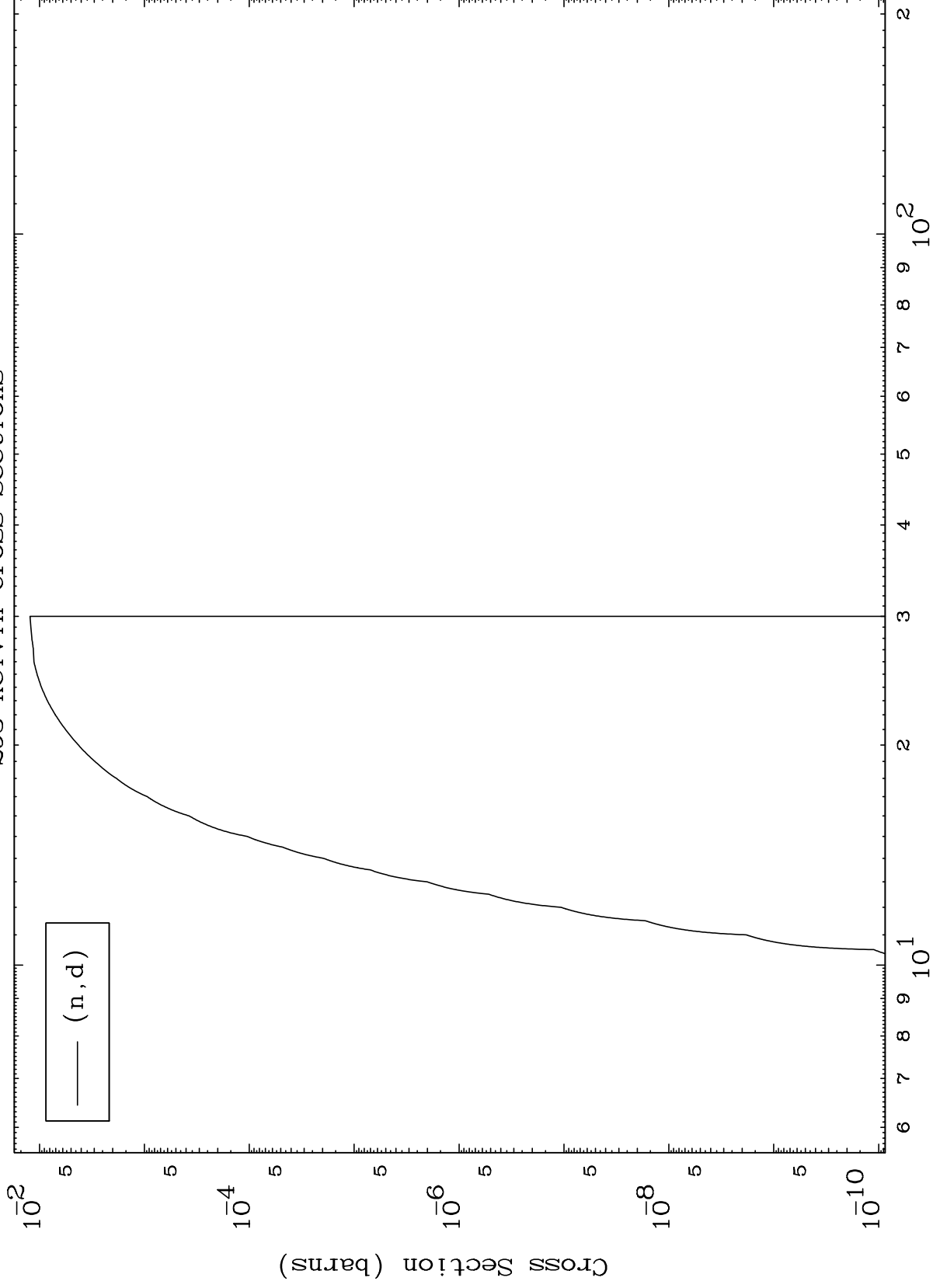
76-Os-190



MAT 7643

(n,d) Levels
293 Kelvin Cross Sections

76-Os-190



12

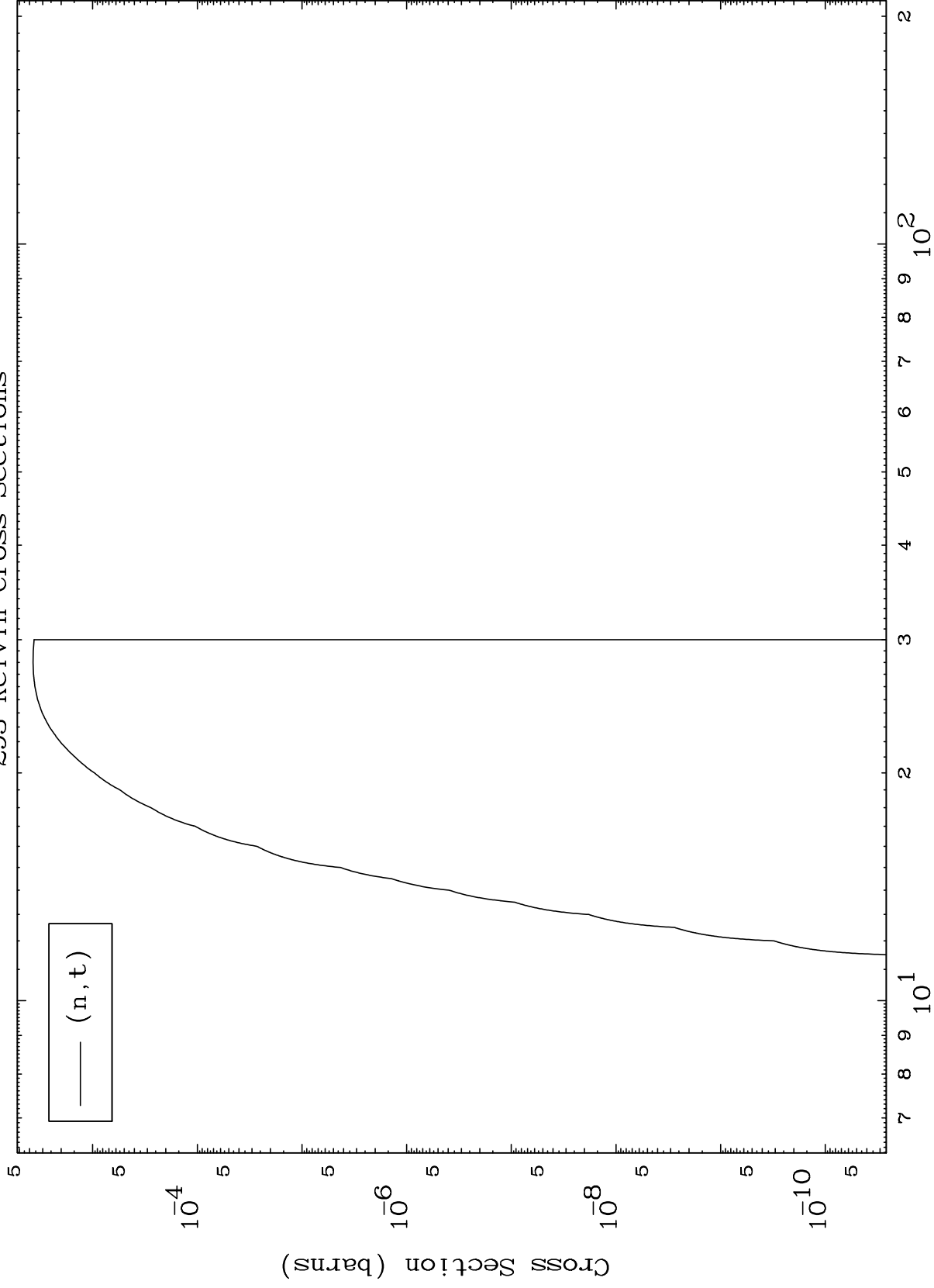
Incident Energy (MeV)

76-Os-190

MAT 7643

(n,t) Levels
293 Kelvin Cross Sections

76-Os-190



13

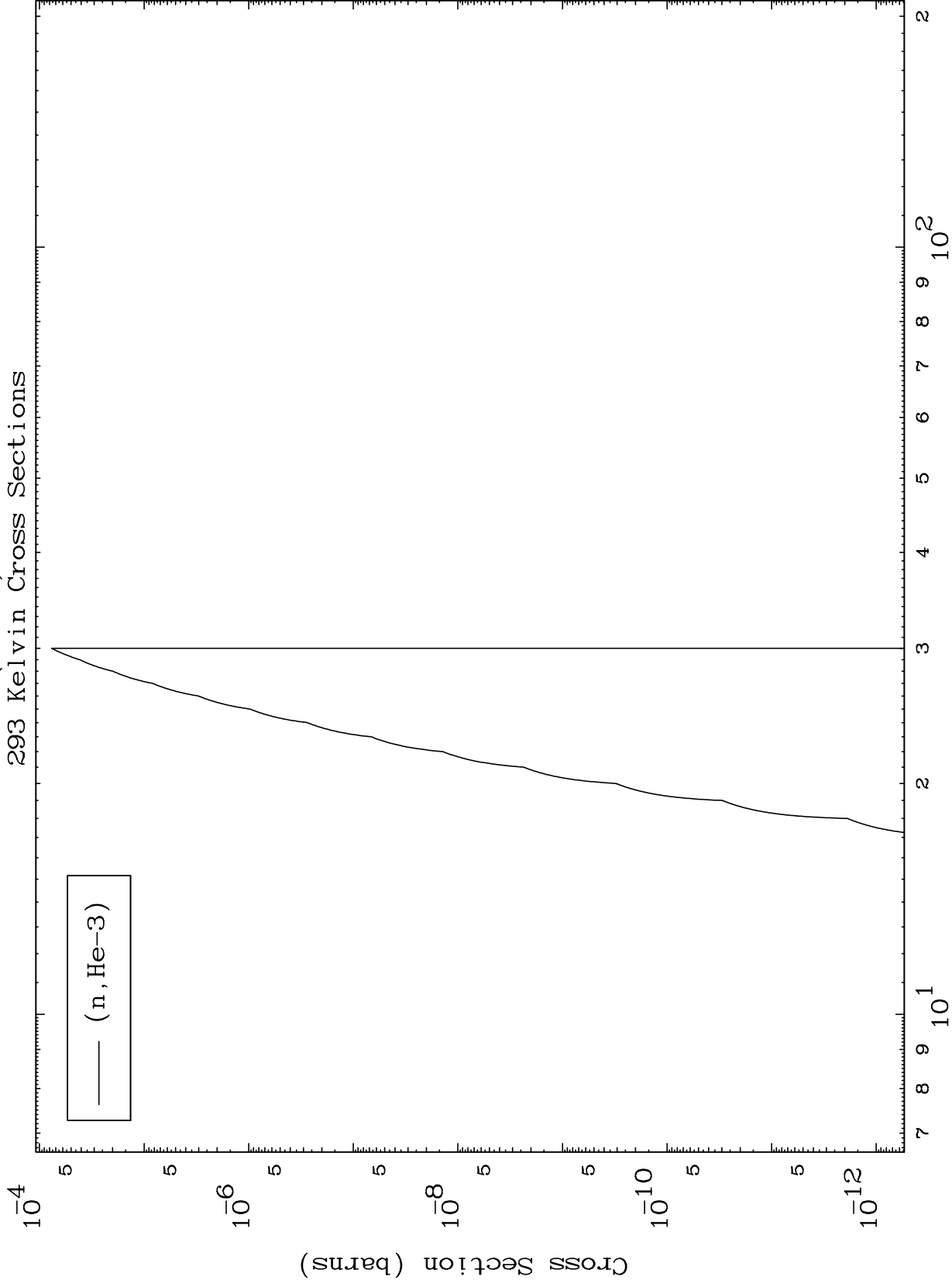
Incident Energy (MeV)

76-Os-190

MAT 7643

(n,He3) Levels
293 Kelvin Cross Sections

76-Os-190



14

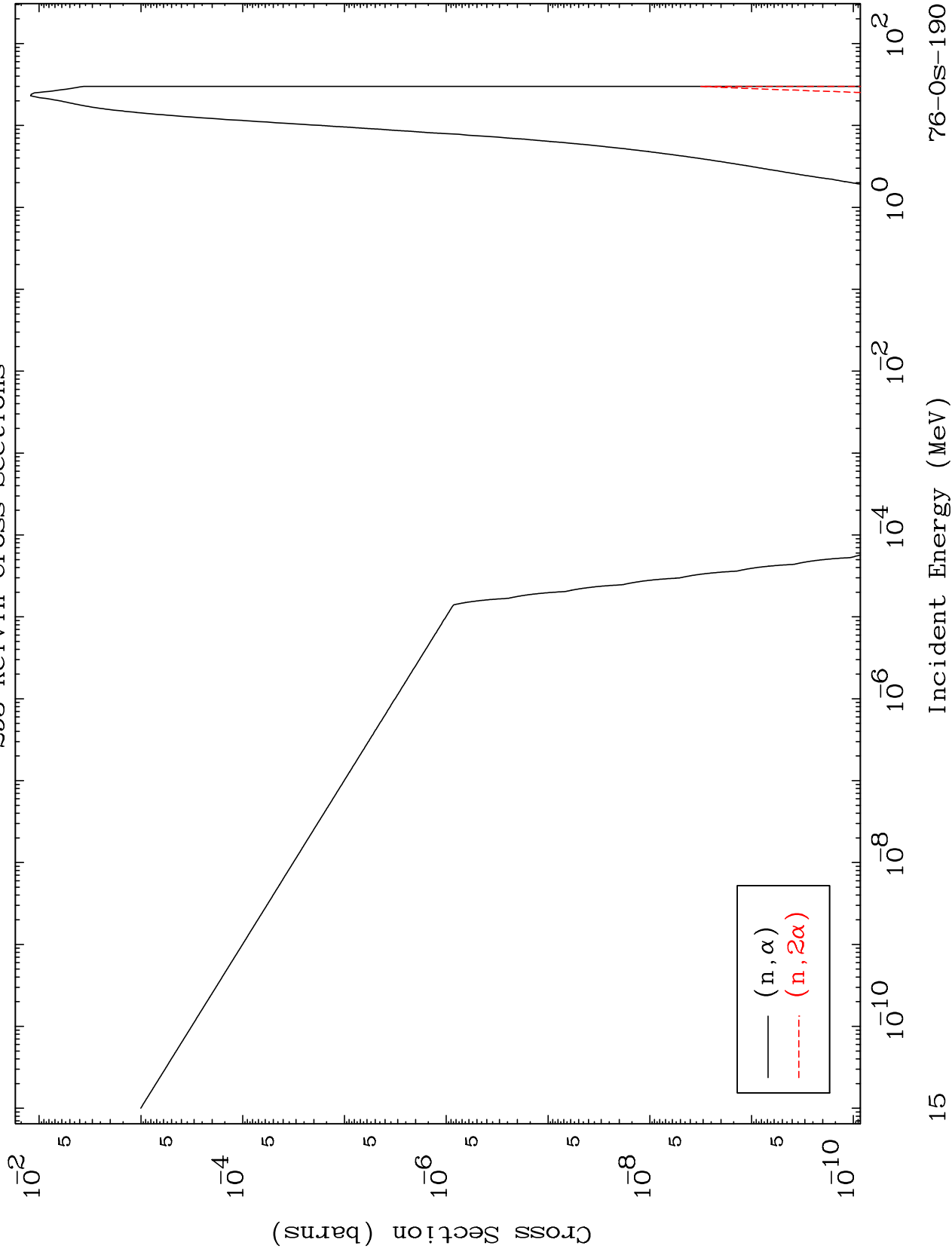
Incident Energy (MeV)

76-Os-190

MAT 7643

(n,α) Levels
293 Kelvin Cross Sections

76-Os-190

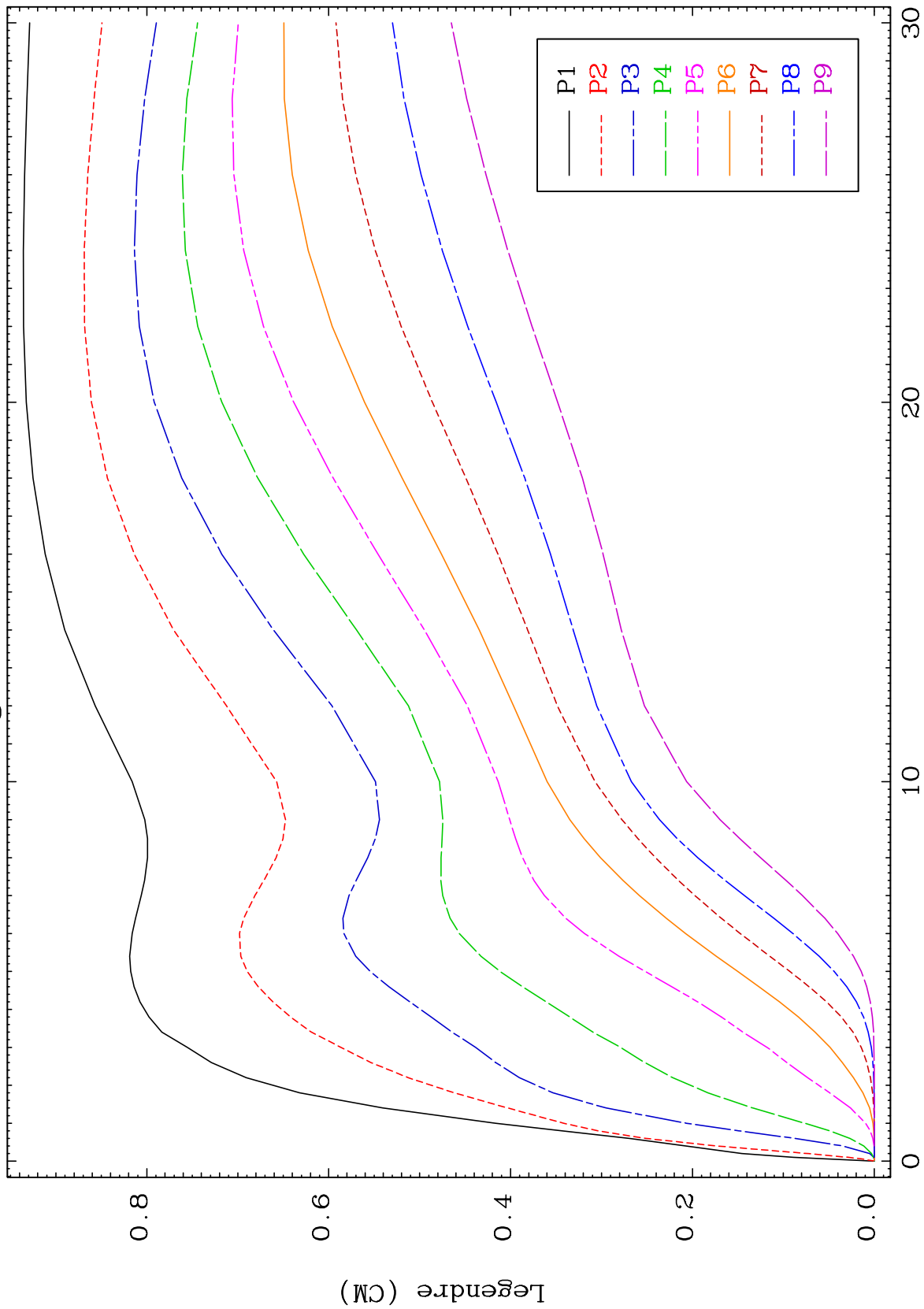


15

MAT 7643

Elastic Legendre Coefficients

76-Os-190



16

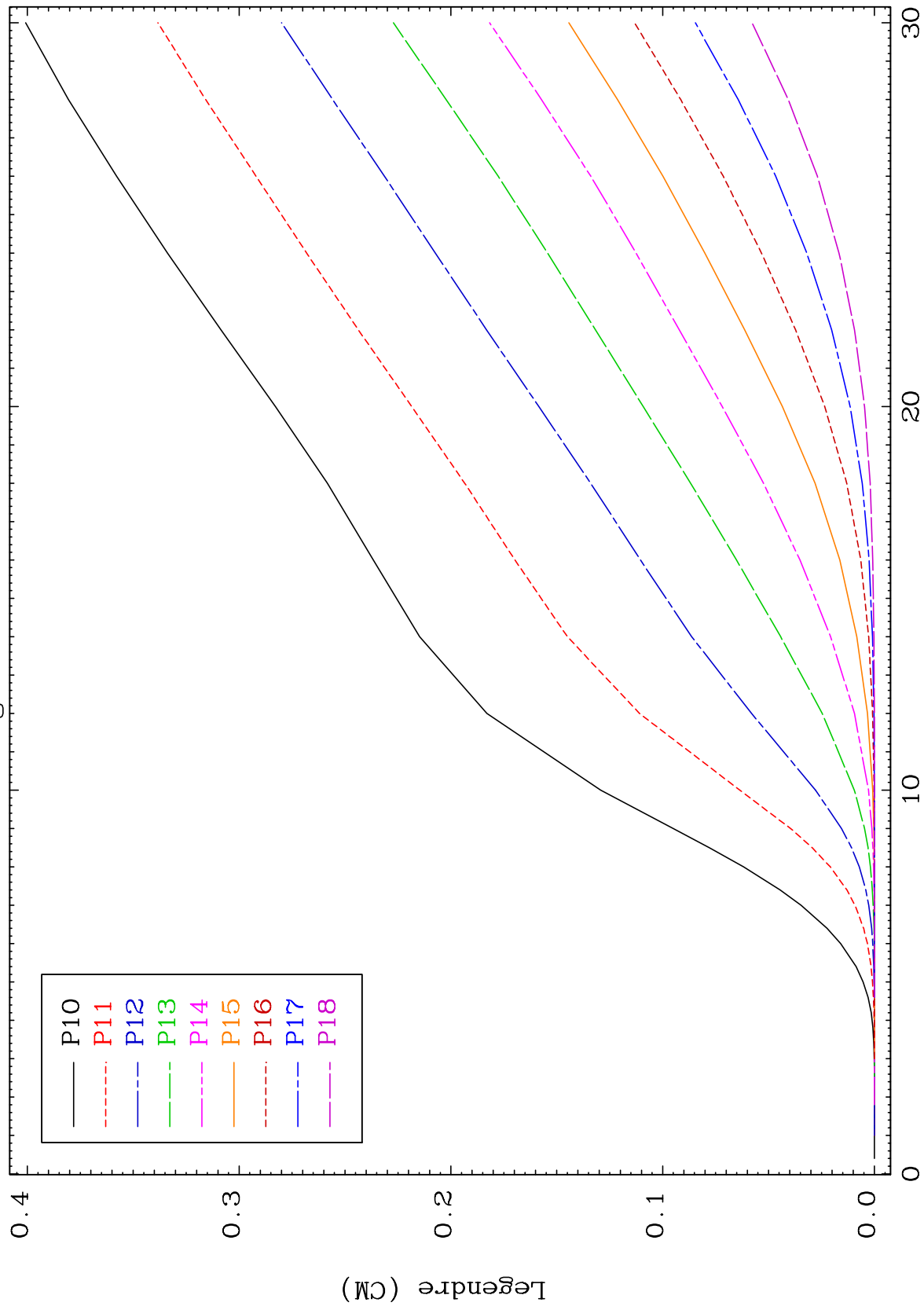
Incident Energy (MeV)

76-Os-190

MAT 7643

Elastic Legendre Coefficients

76-Os-190



17

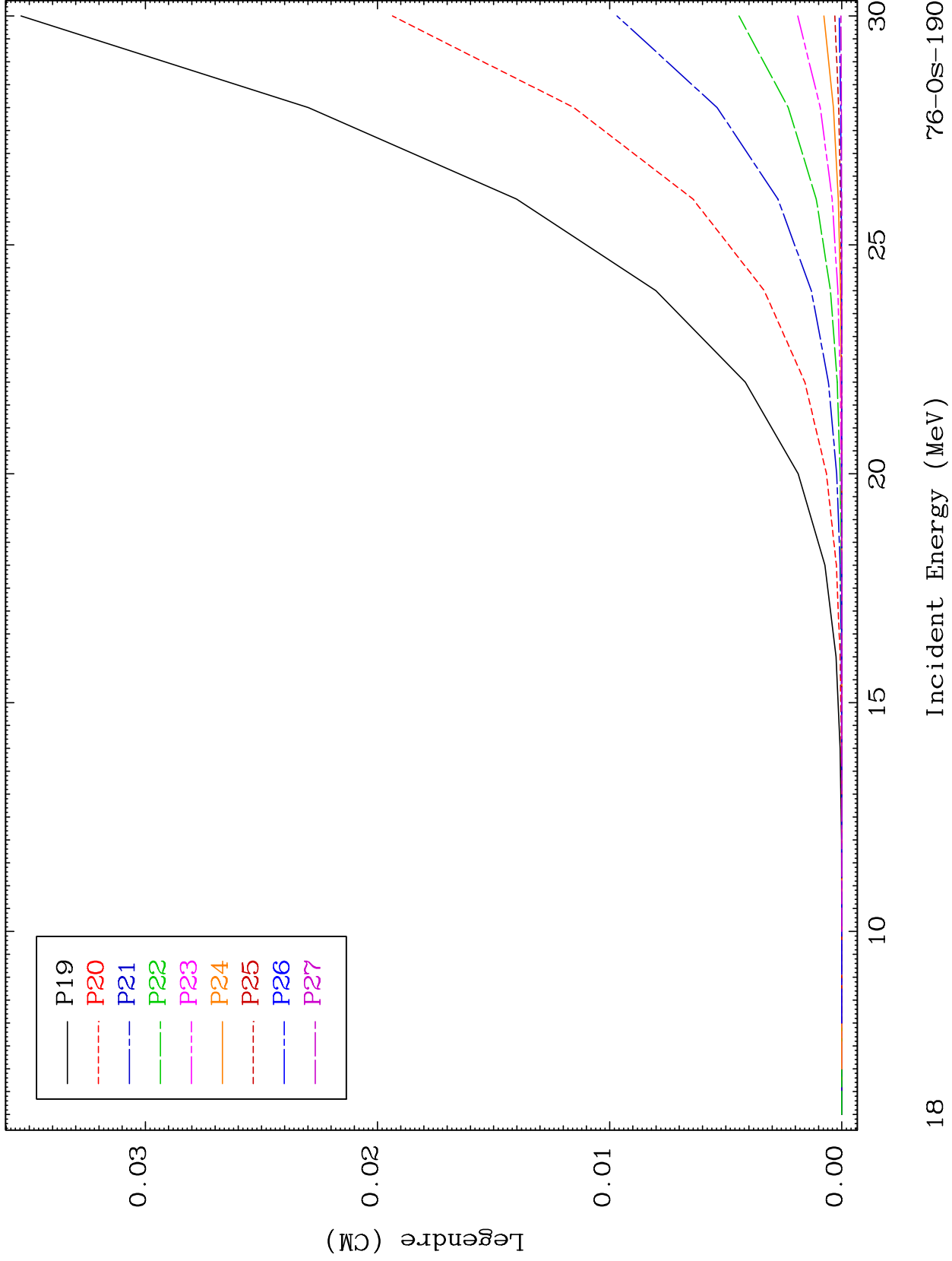
Incident Energy (MeV)

76-Os-190

MAT 7643

Elastic Legendre Coefficients

76-0s-190



18

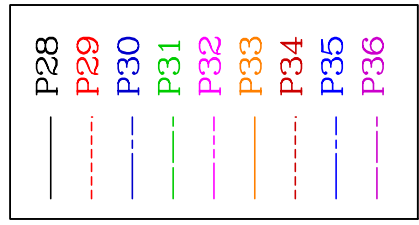
Incident Energy (MeV)

76-0s-190

MAT 7643

Elastic Legendre Coefficients

76-0s-190



$\times 10^{-5}$

1.2

0.8

0.4

0.0

Legendre (CM)

15

20

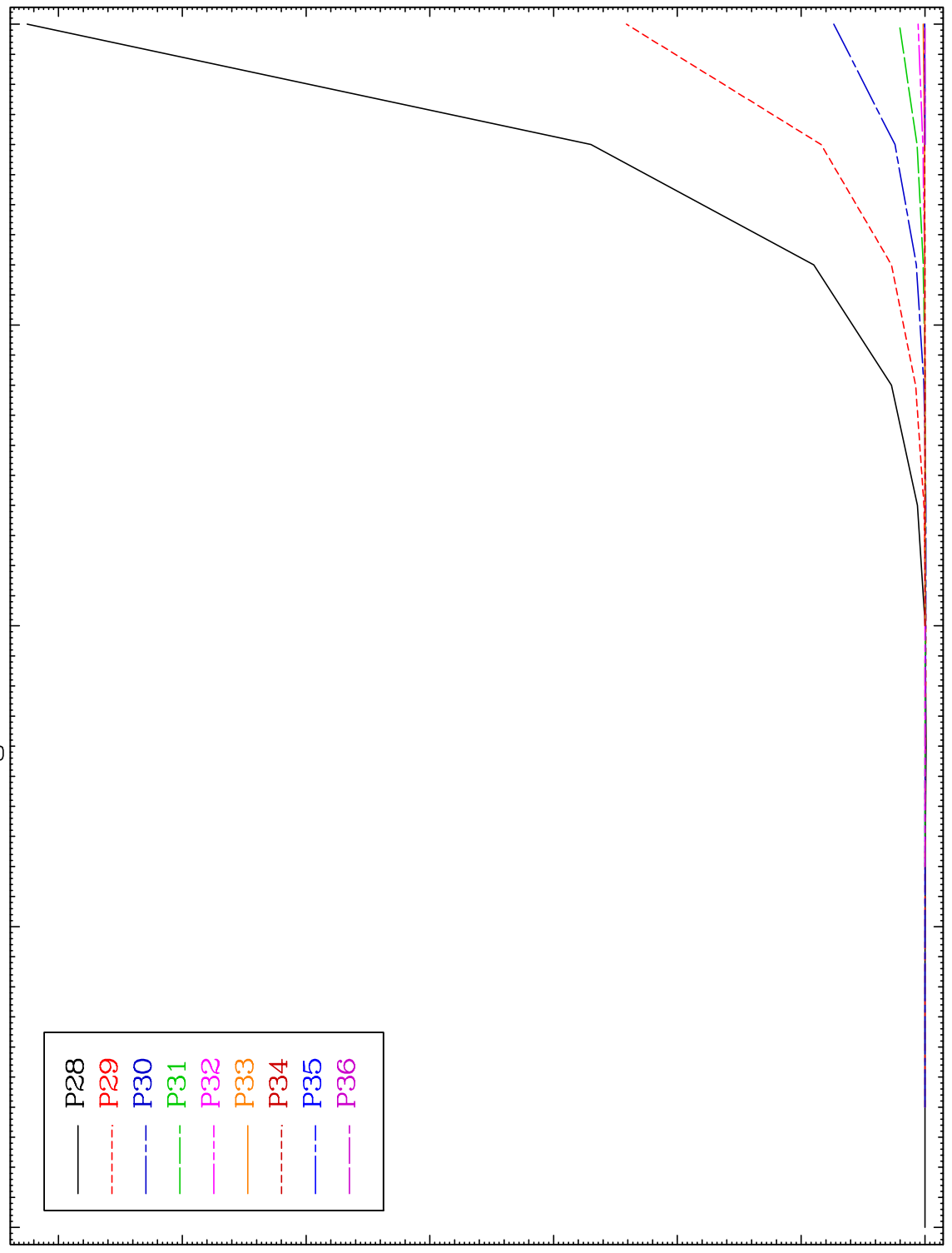
25

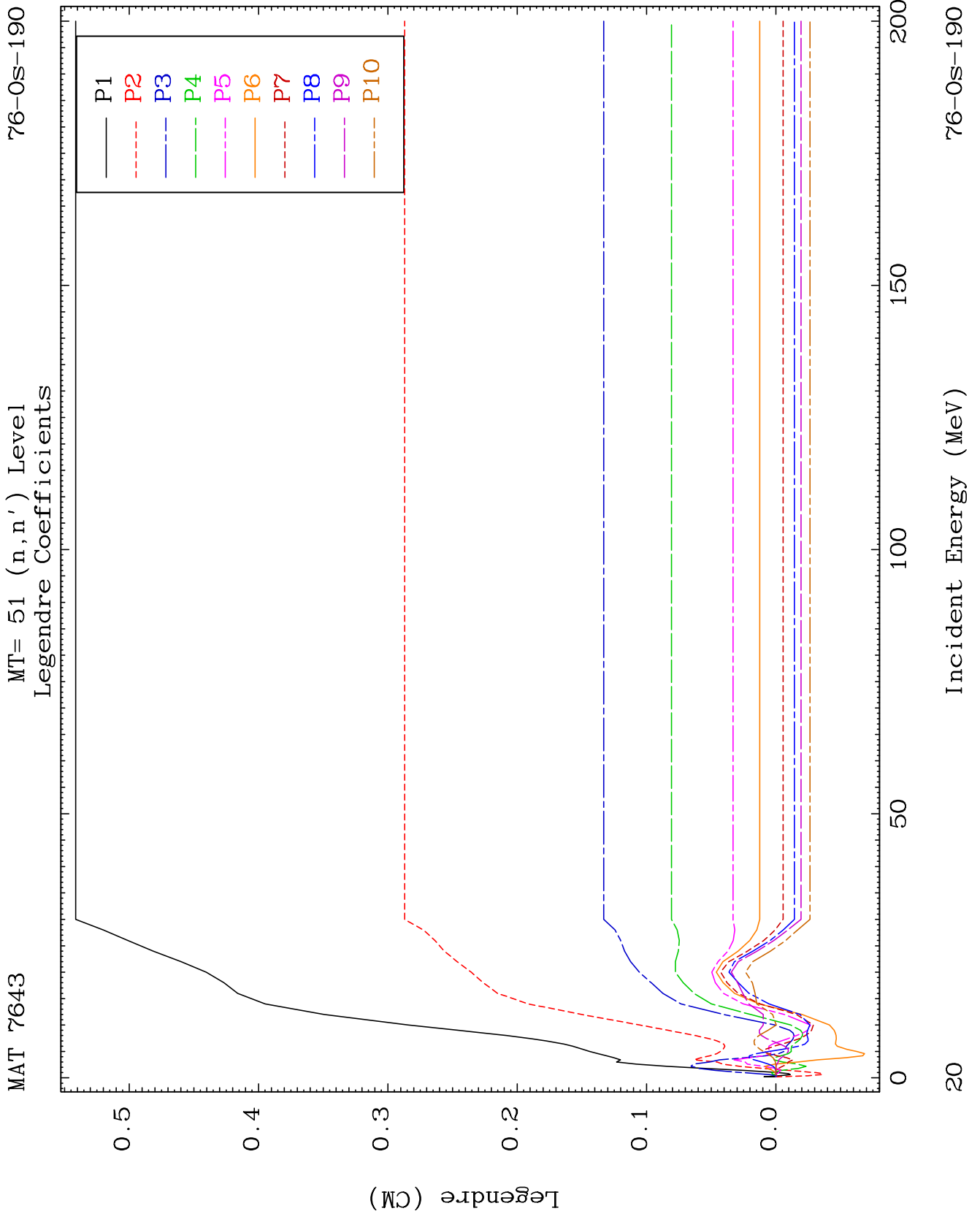
30

19

Incident Energy (MeV)

76-0s-190

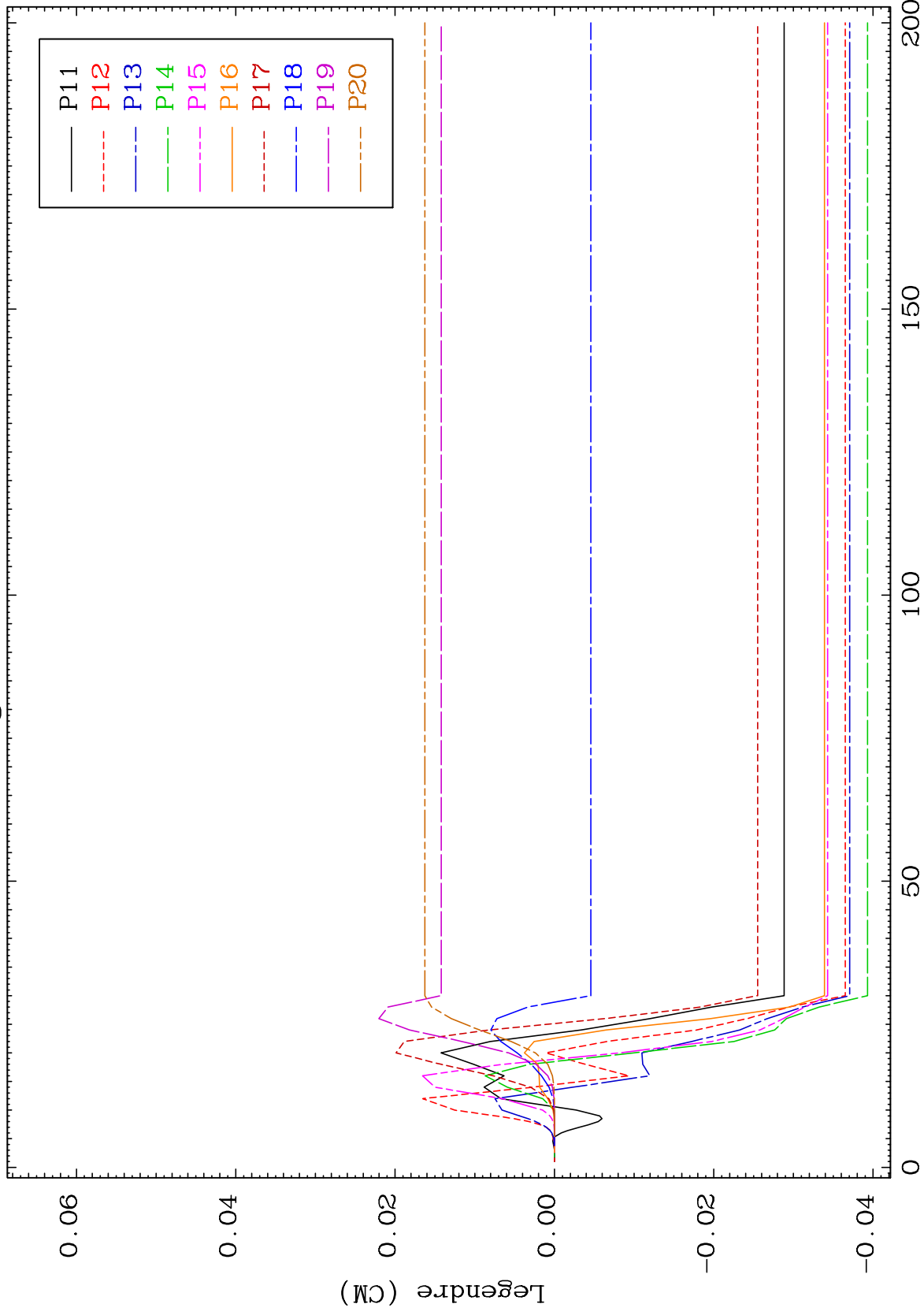




MAT 7643

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

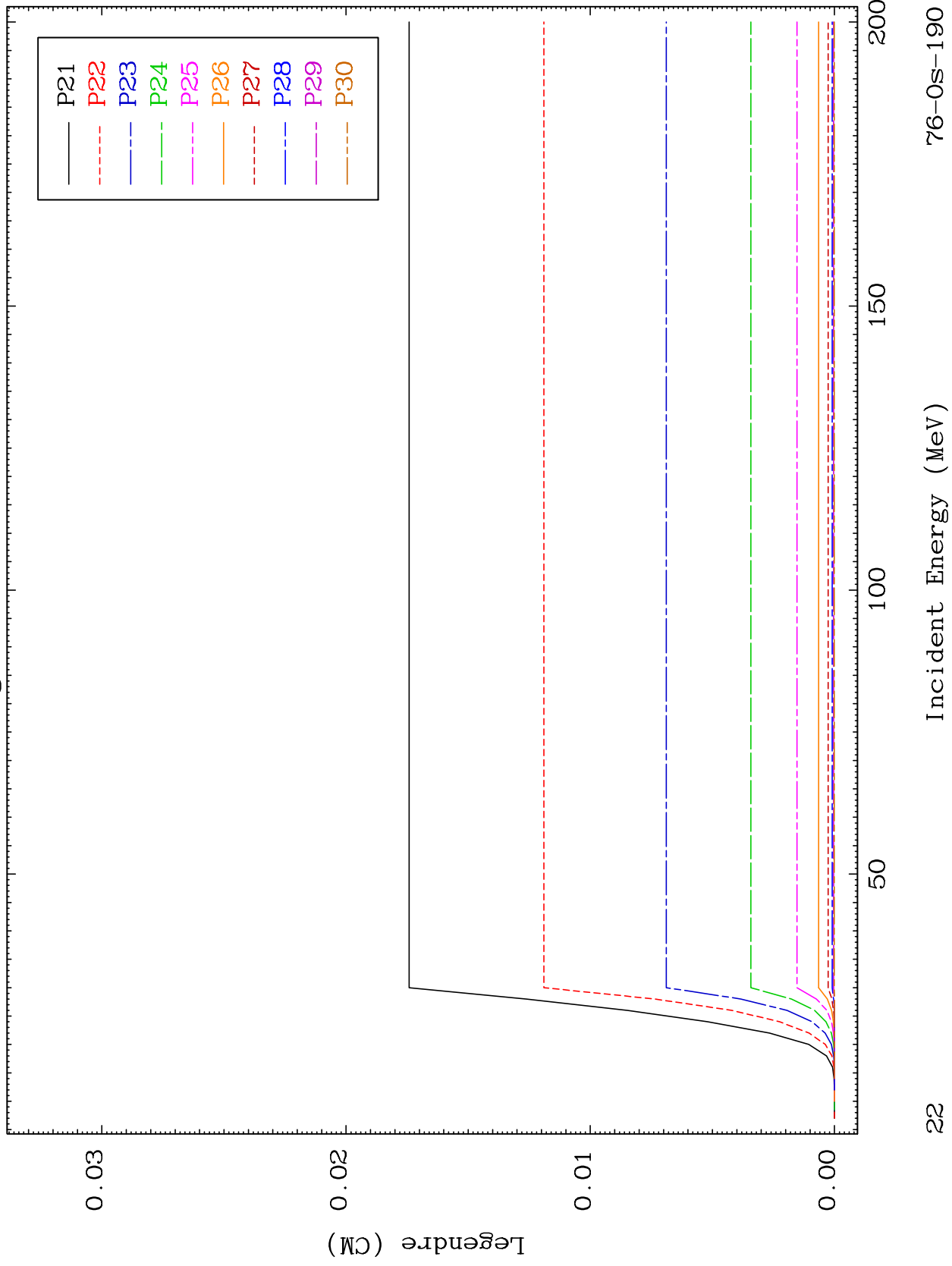
76-Os-190



MAT 7643

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

76-Os-190



22

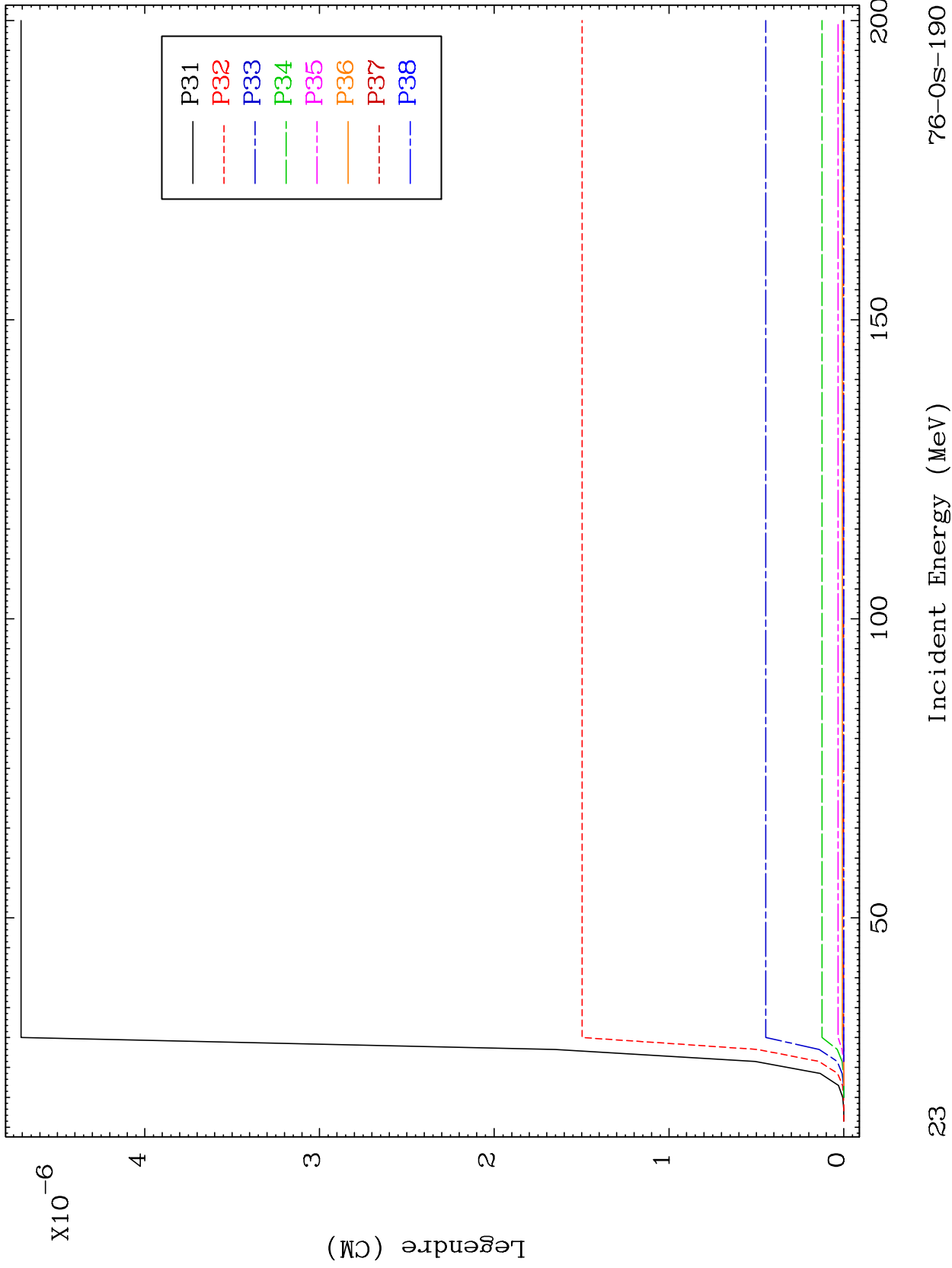
Incident Energy (MeV)

76-Os-190

MAT 7643

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

76-Os-190



23

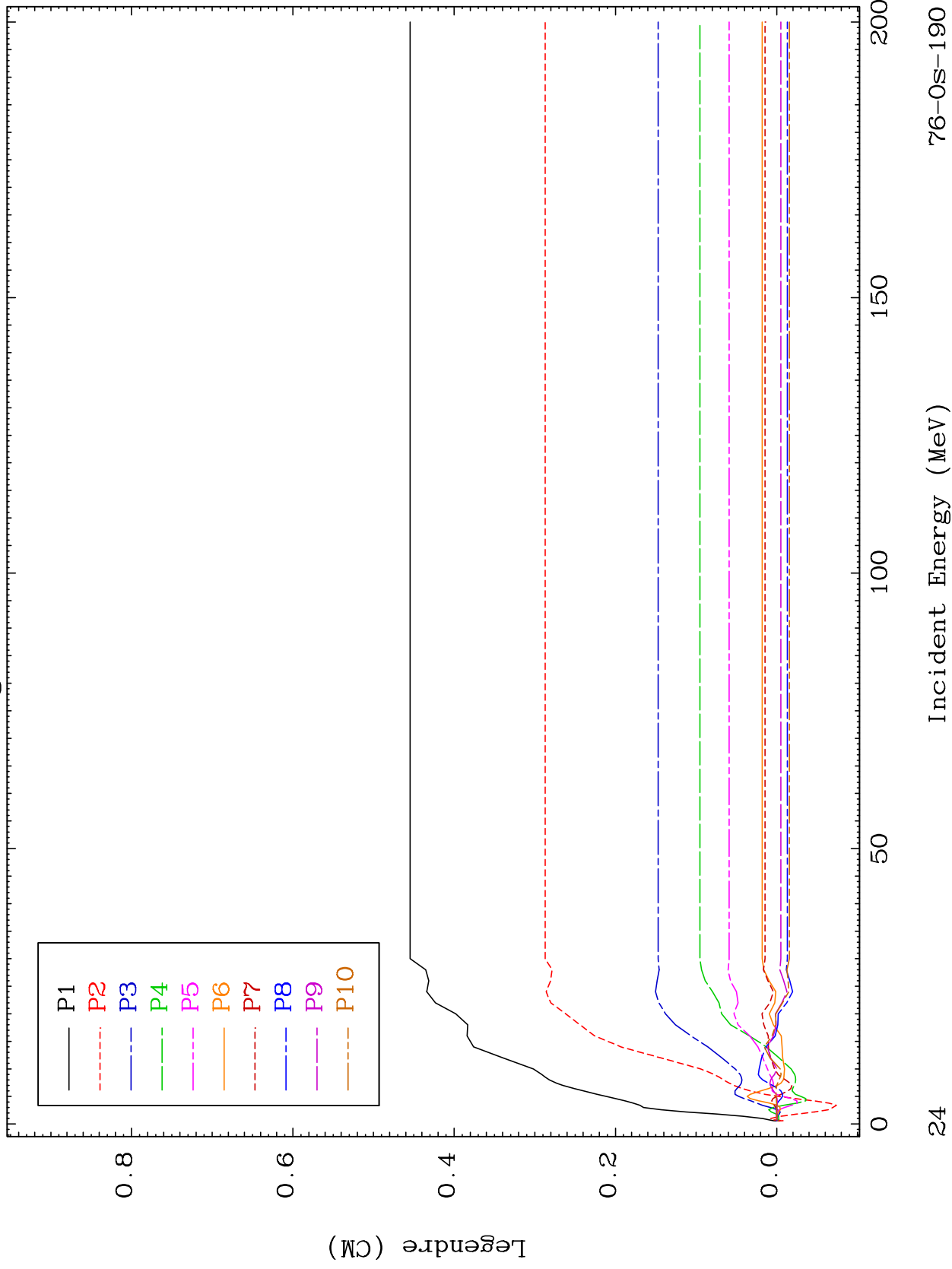
Incident Energy (MeV)

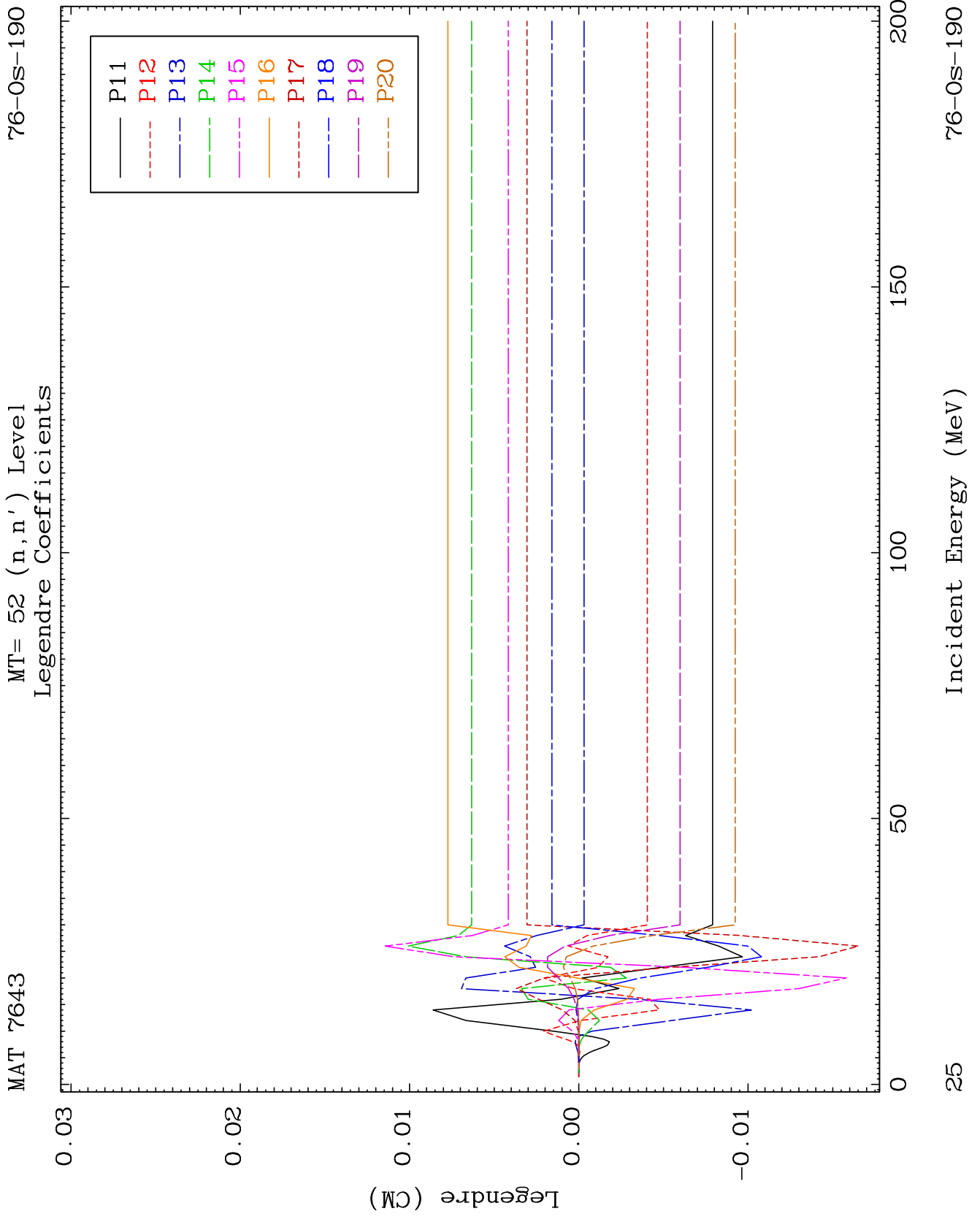
76-Os-190

MAT 7643

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

76-Os-190

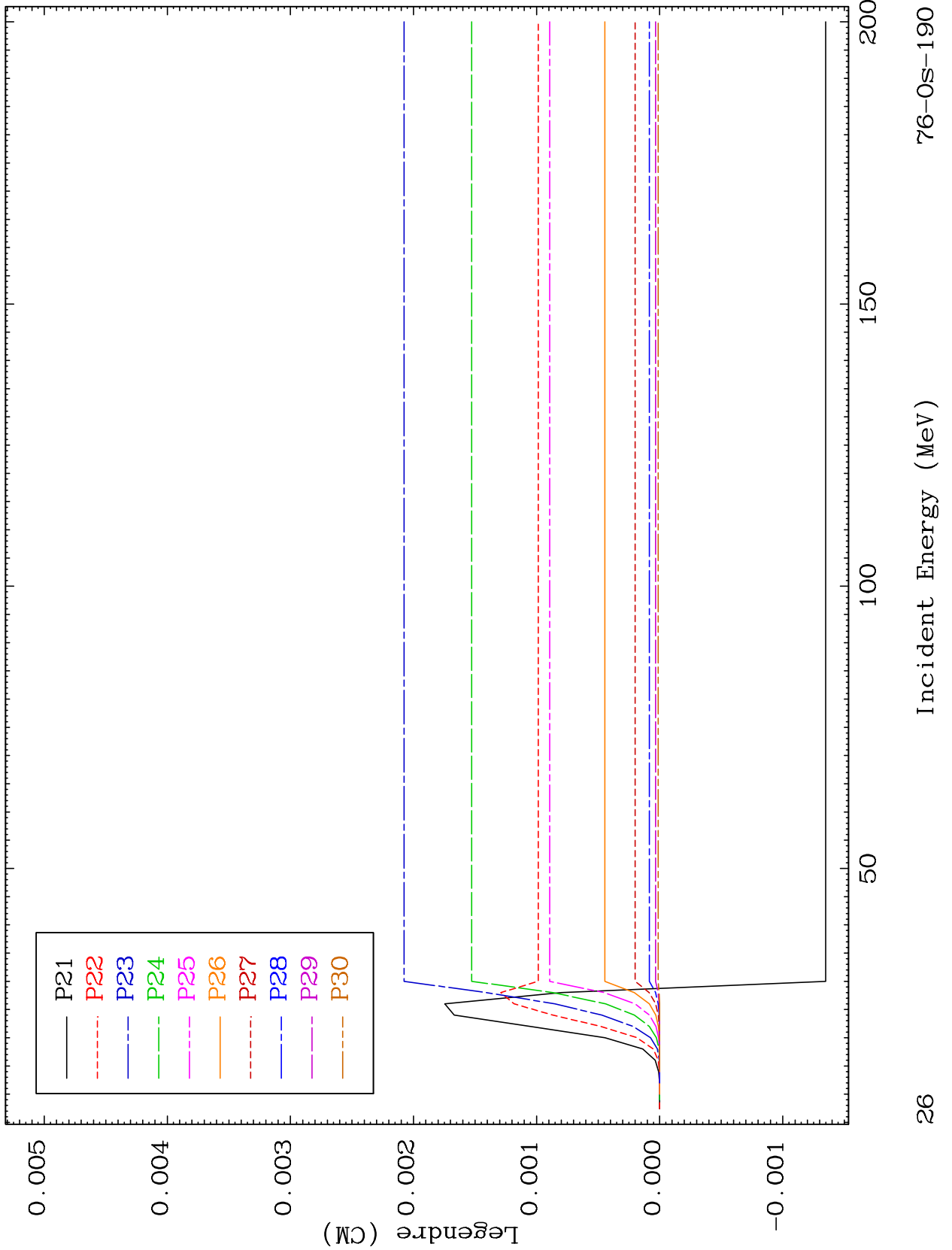




MAT 7643

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

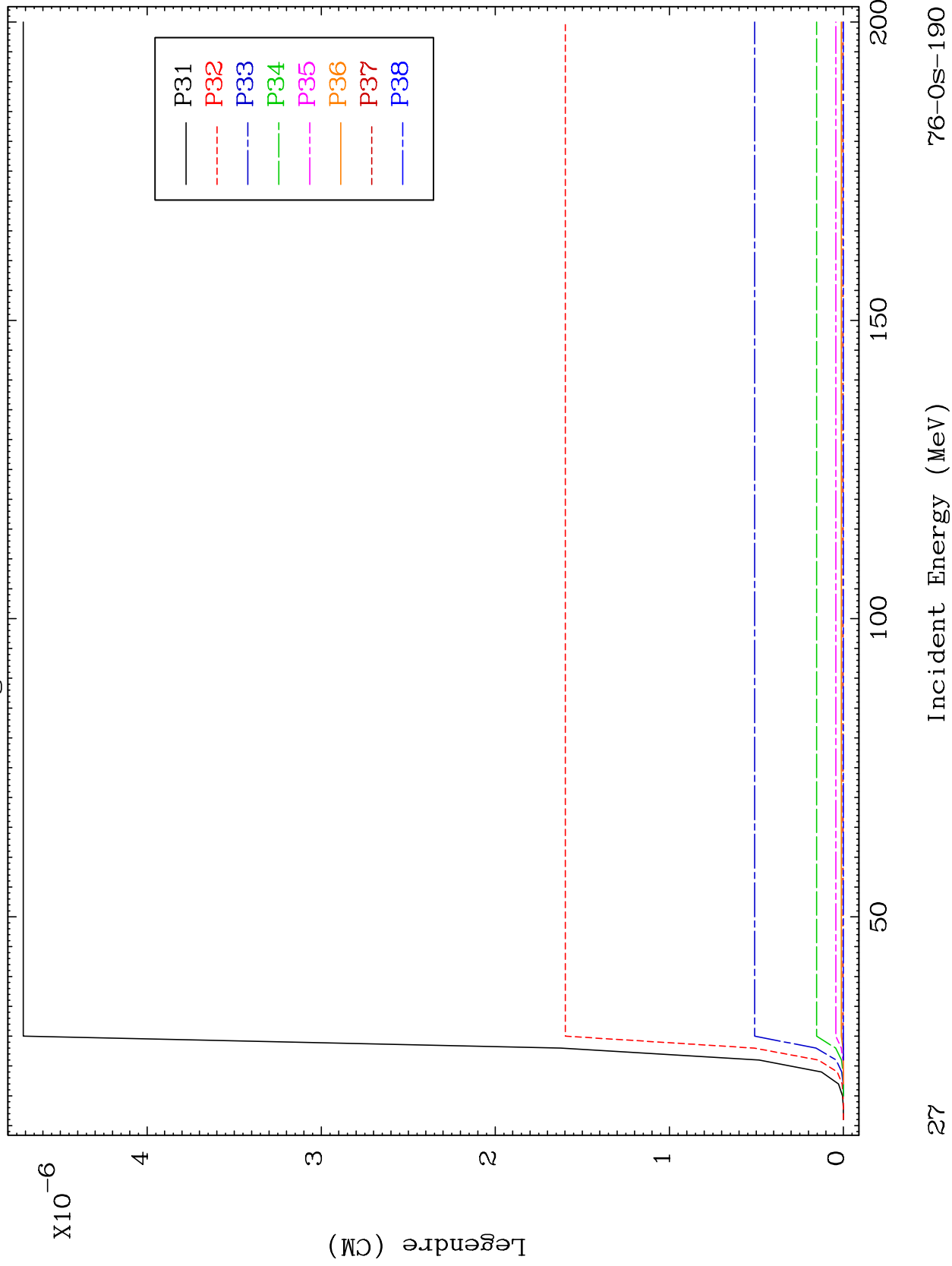
76-0s-190



MAT 7643

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

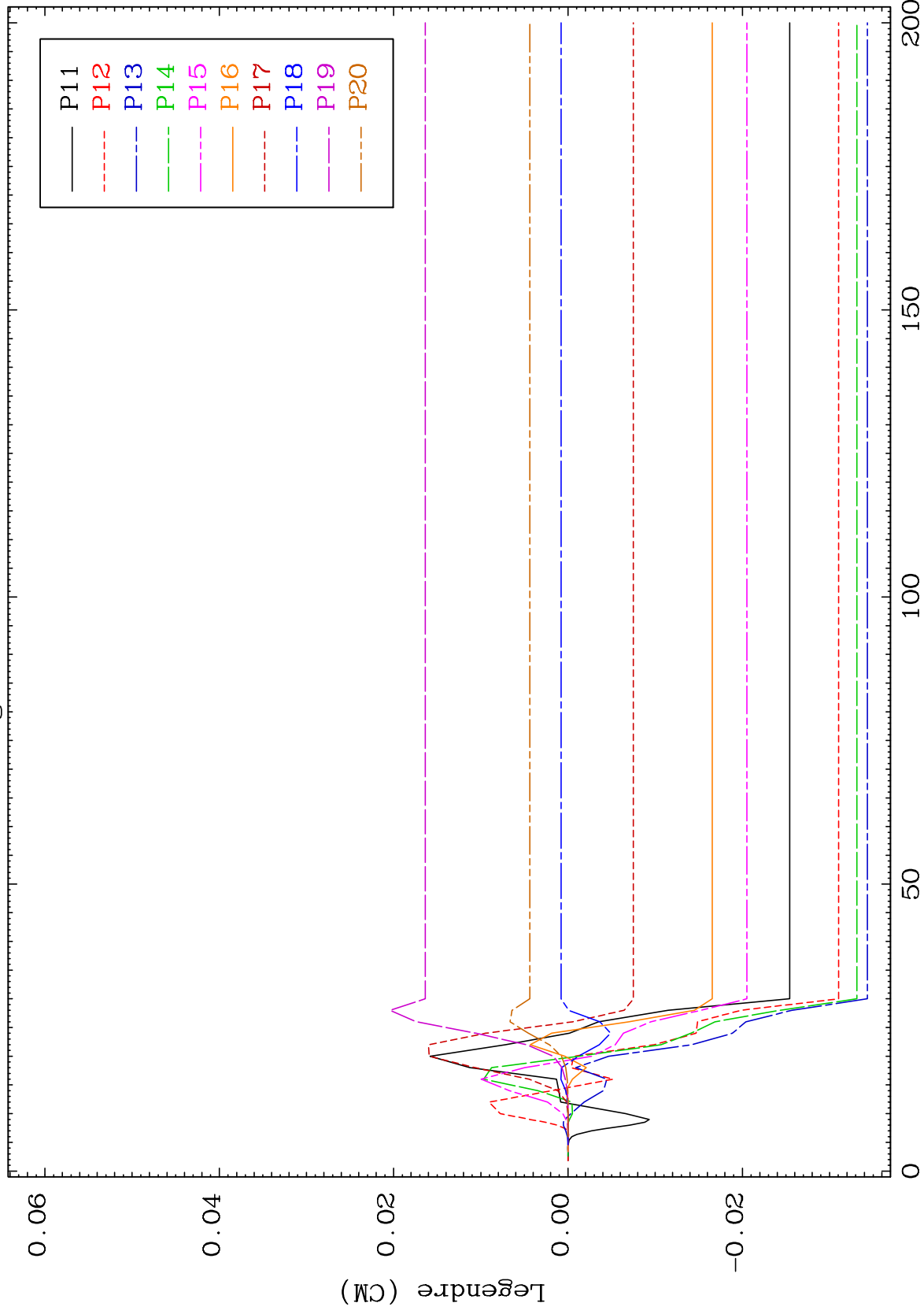
76-Os-190



MAT 7643

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

76-Os-190



29

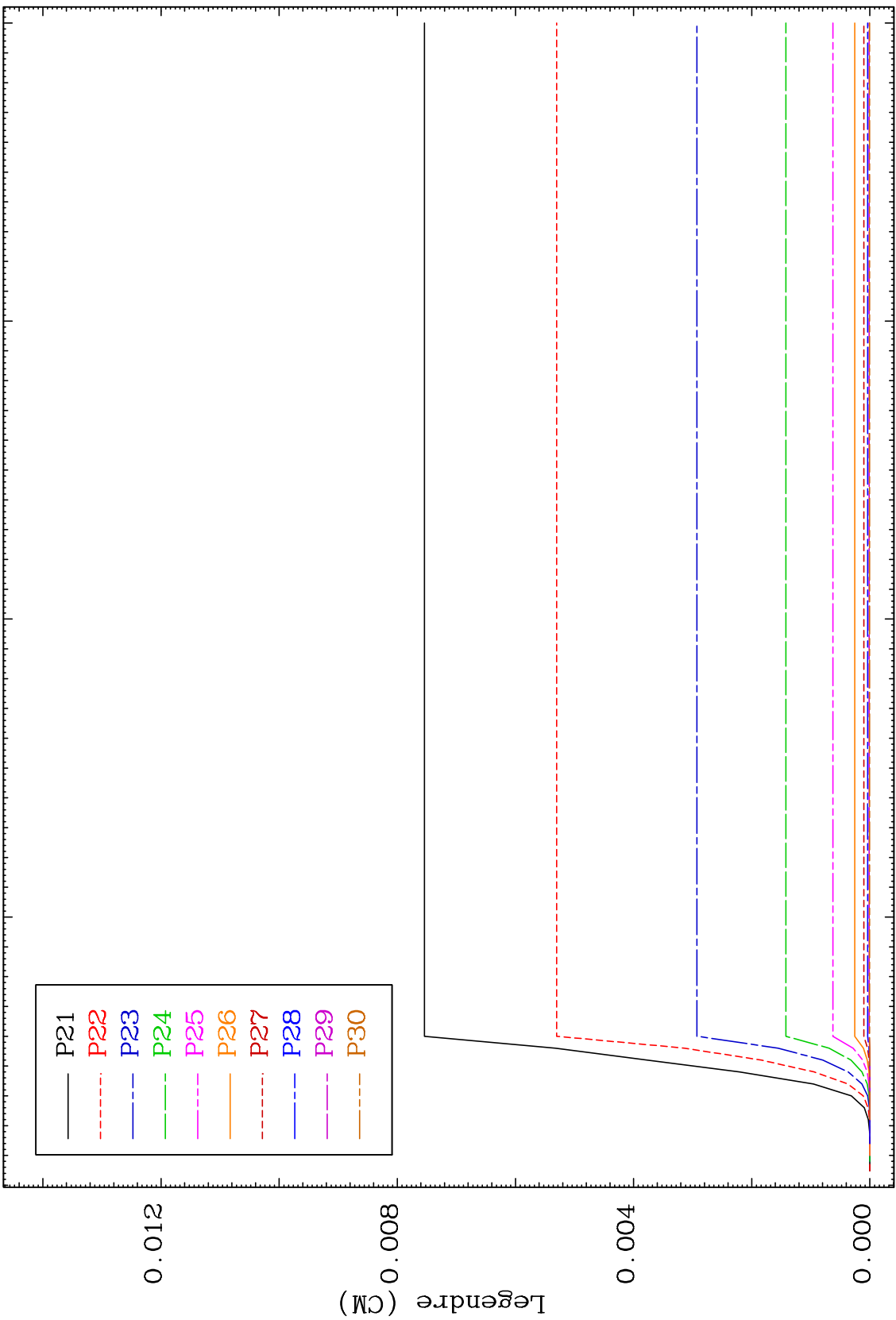
Incident Energy (MeV)

76-Os-190

MAT 7643

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

76-0s-190



30

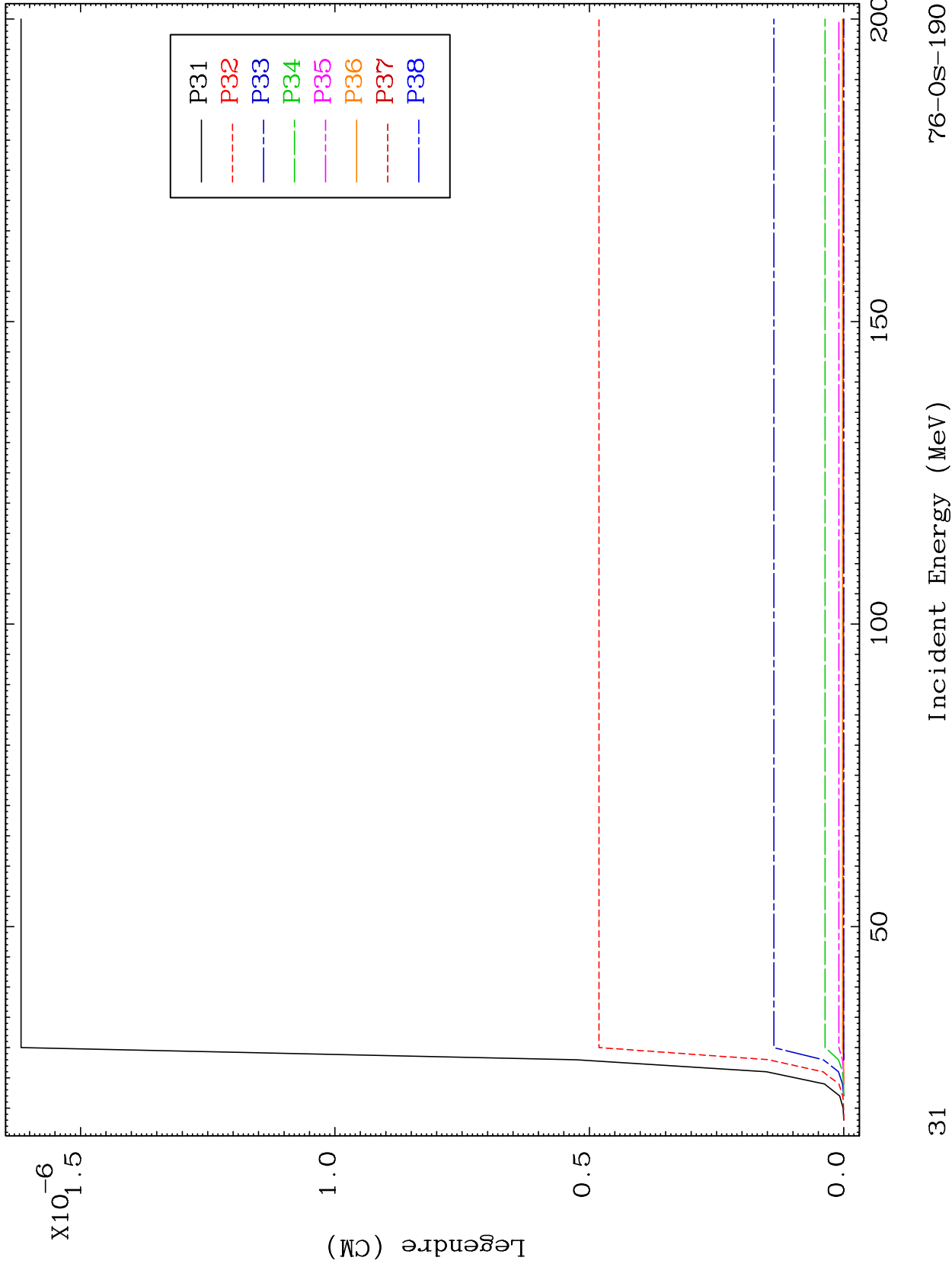
Incident Energy (MeV)

76-0s-190

MAT 7643

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

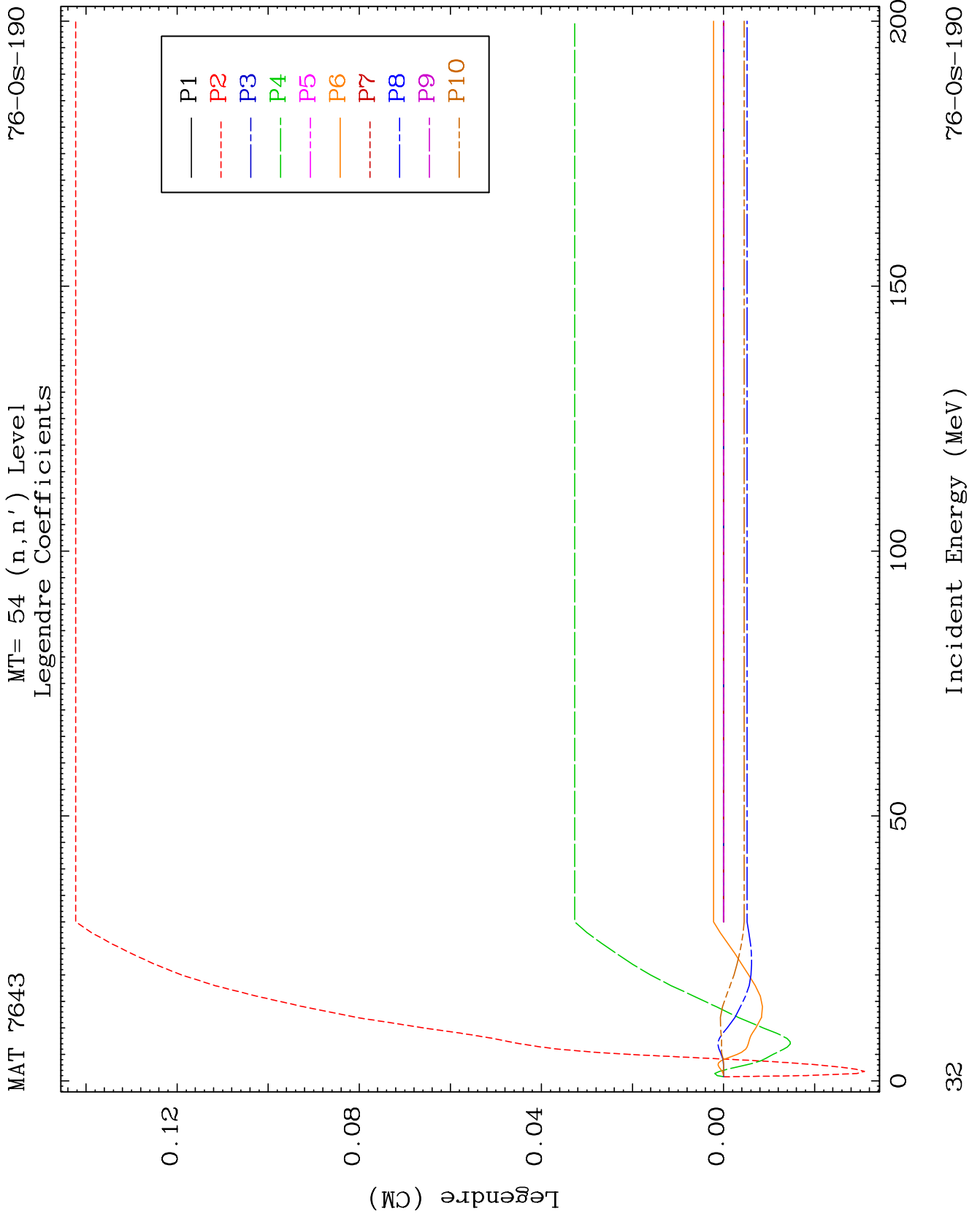
76-Os-190



31

Incident Energy (MeV)

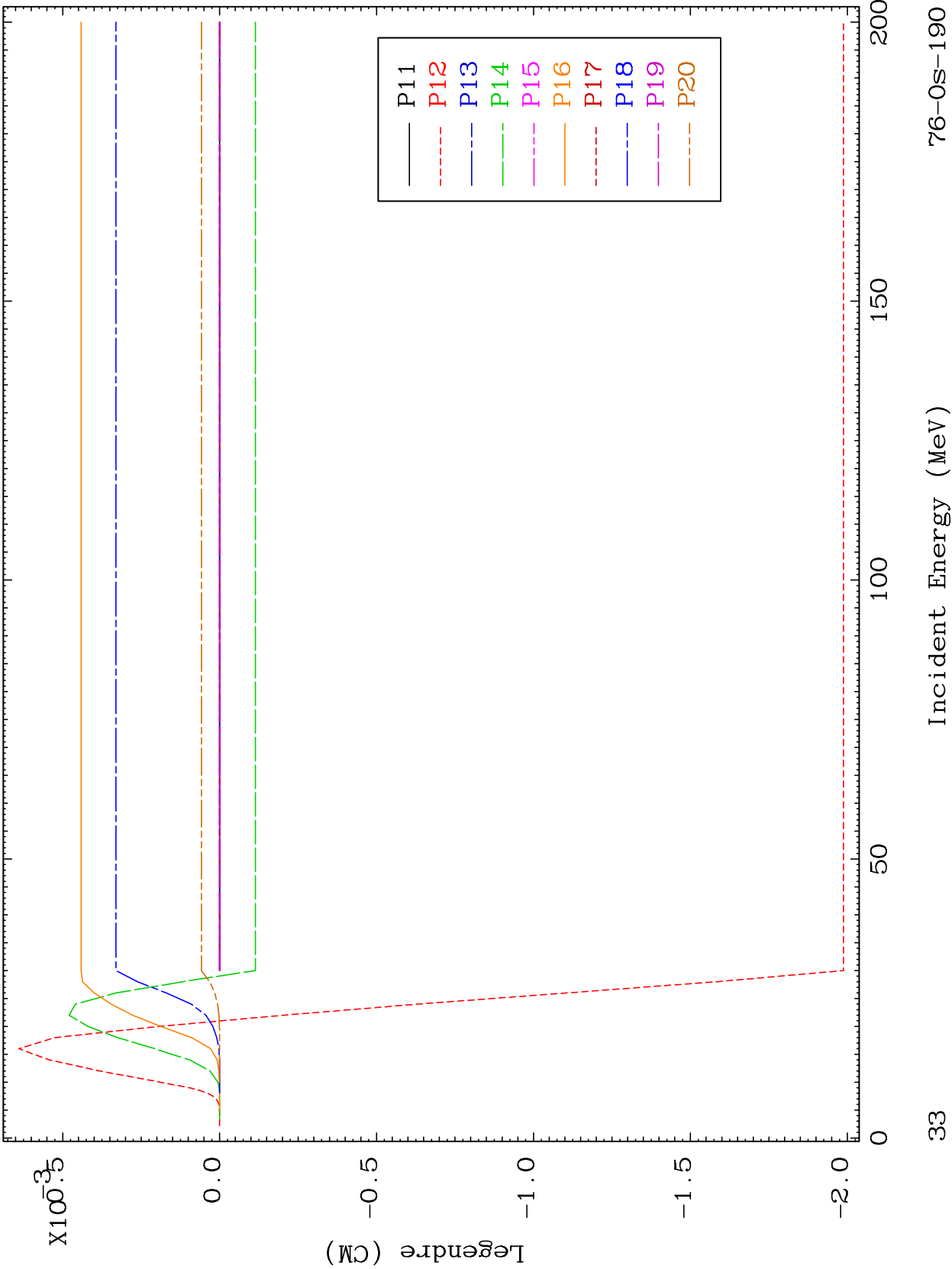
76-Os-190



MAT 7643

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

76-Os-190



33

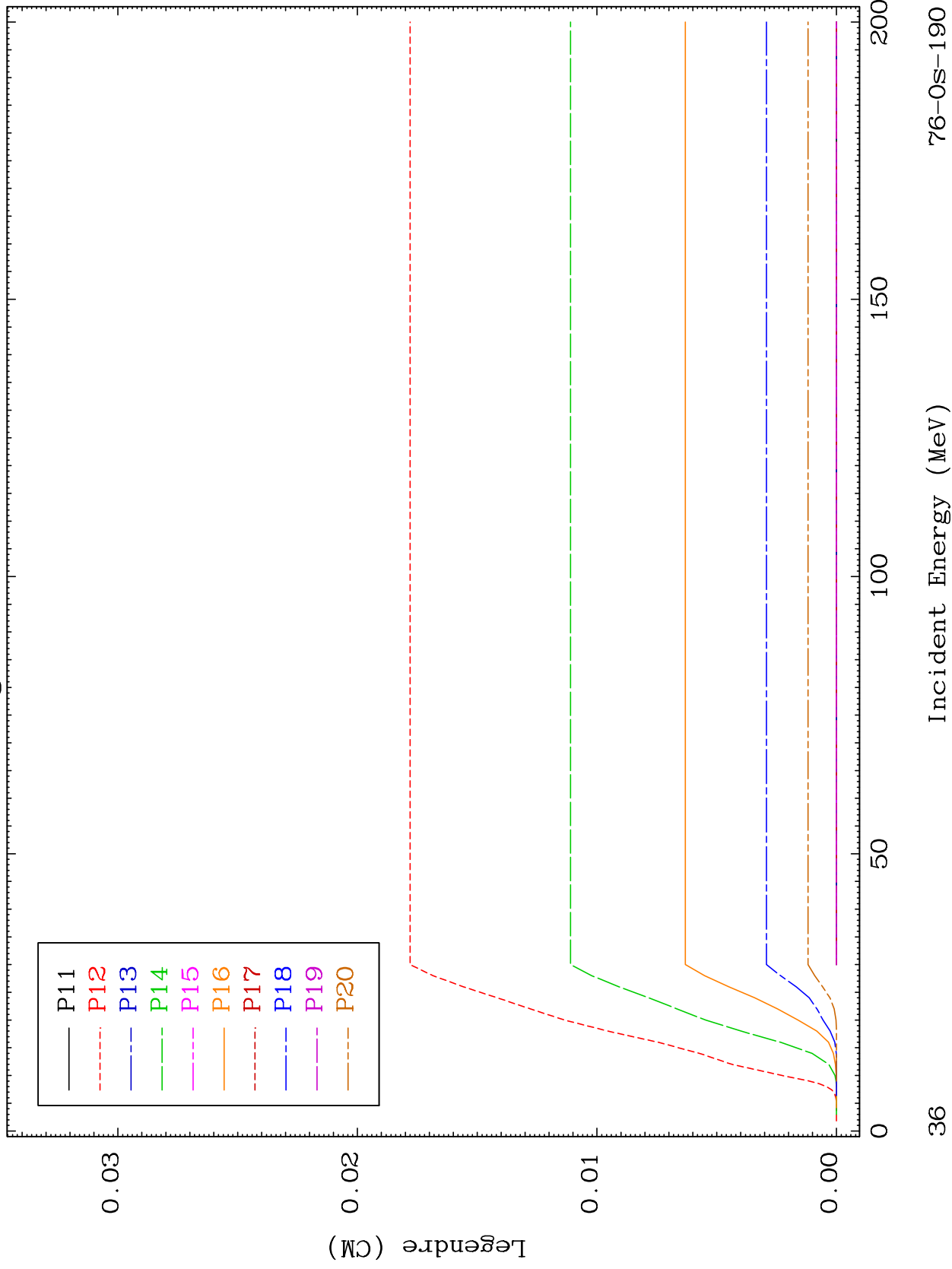
Incident Energy (MeV)

76-Os-190

MAT 7643

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

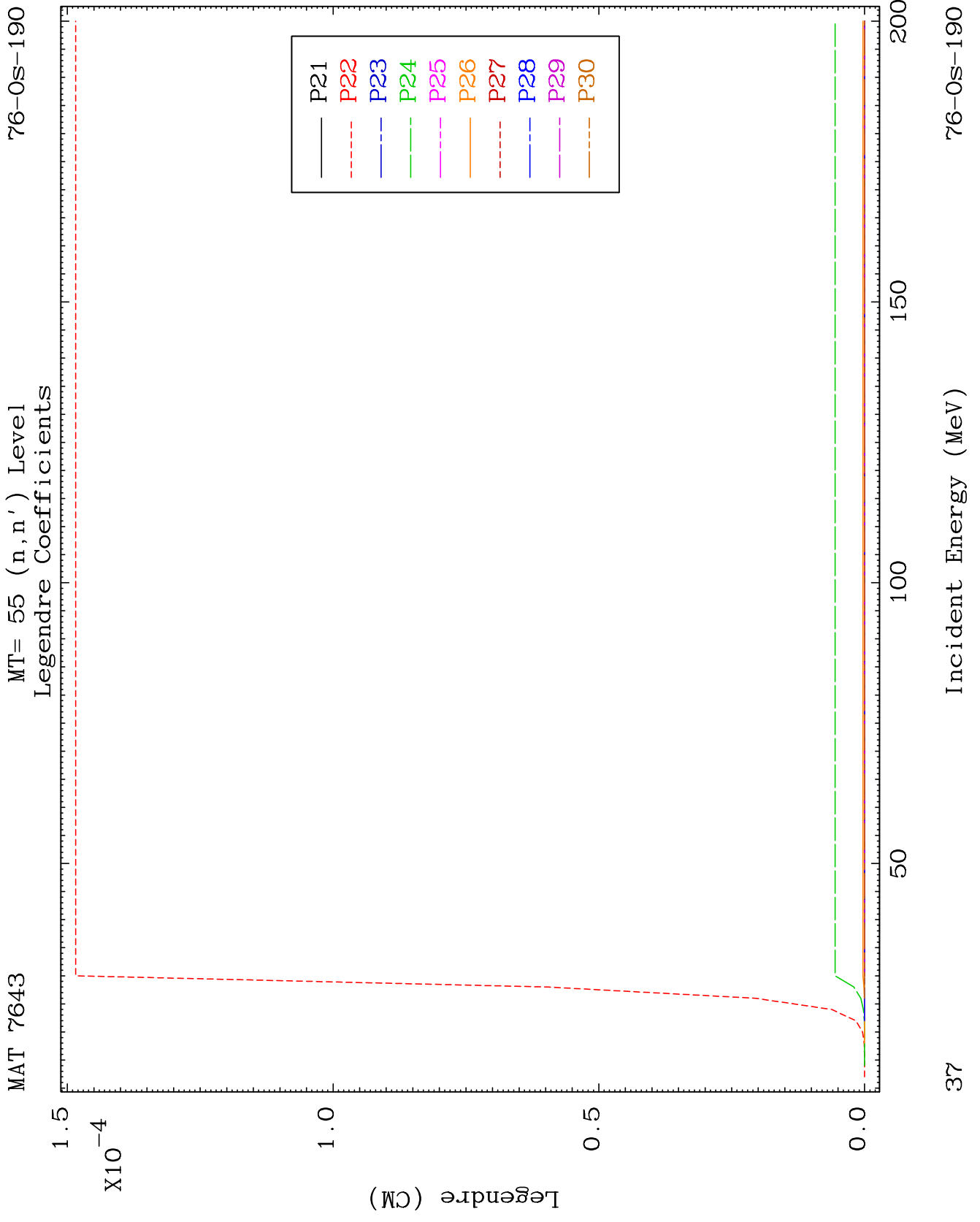
76-Os-190



36

Incident Energy (MeV)

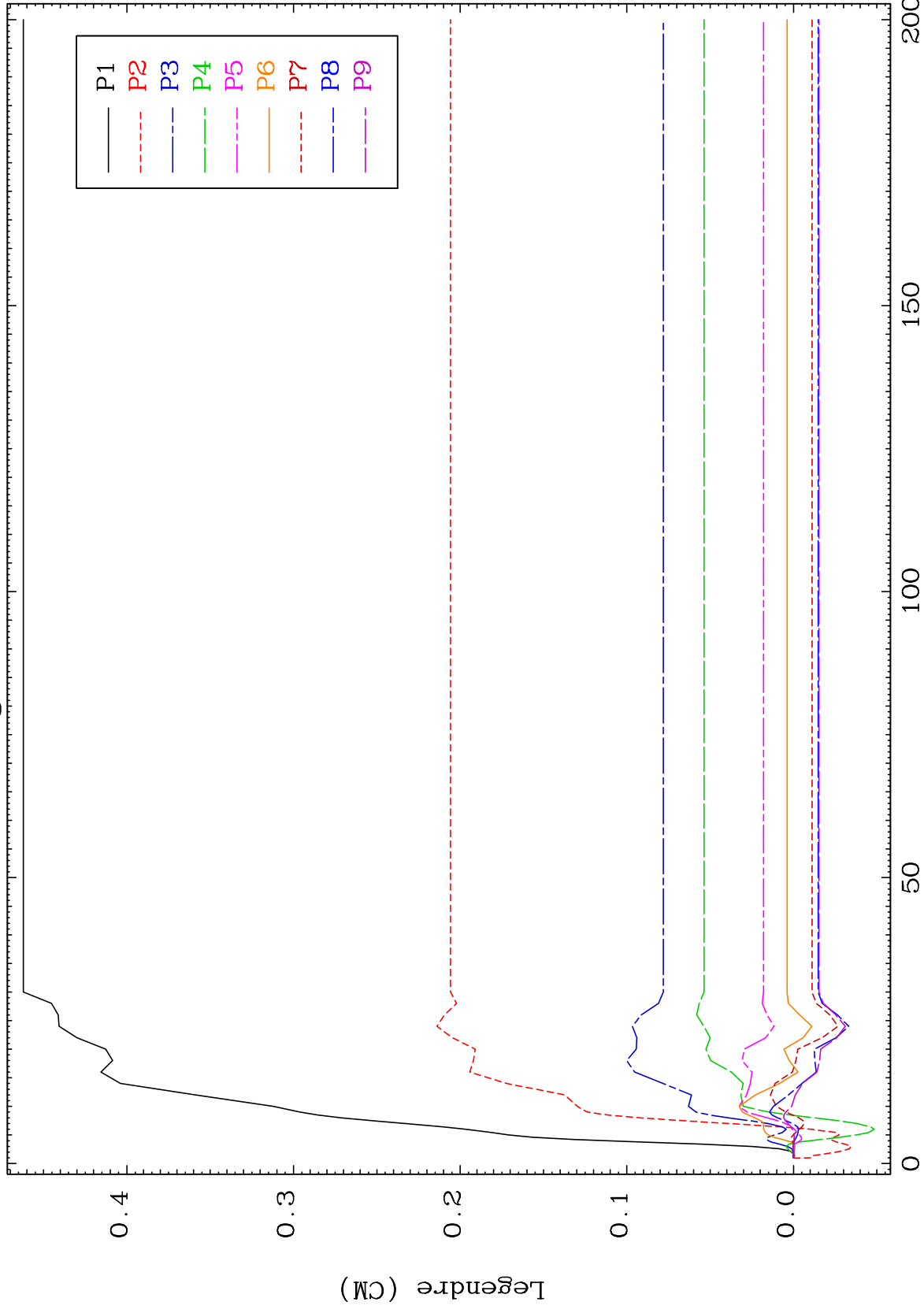
76-Os-190



MAT 7643

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

76-Os-190



76-Os-190

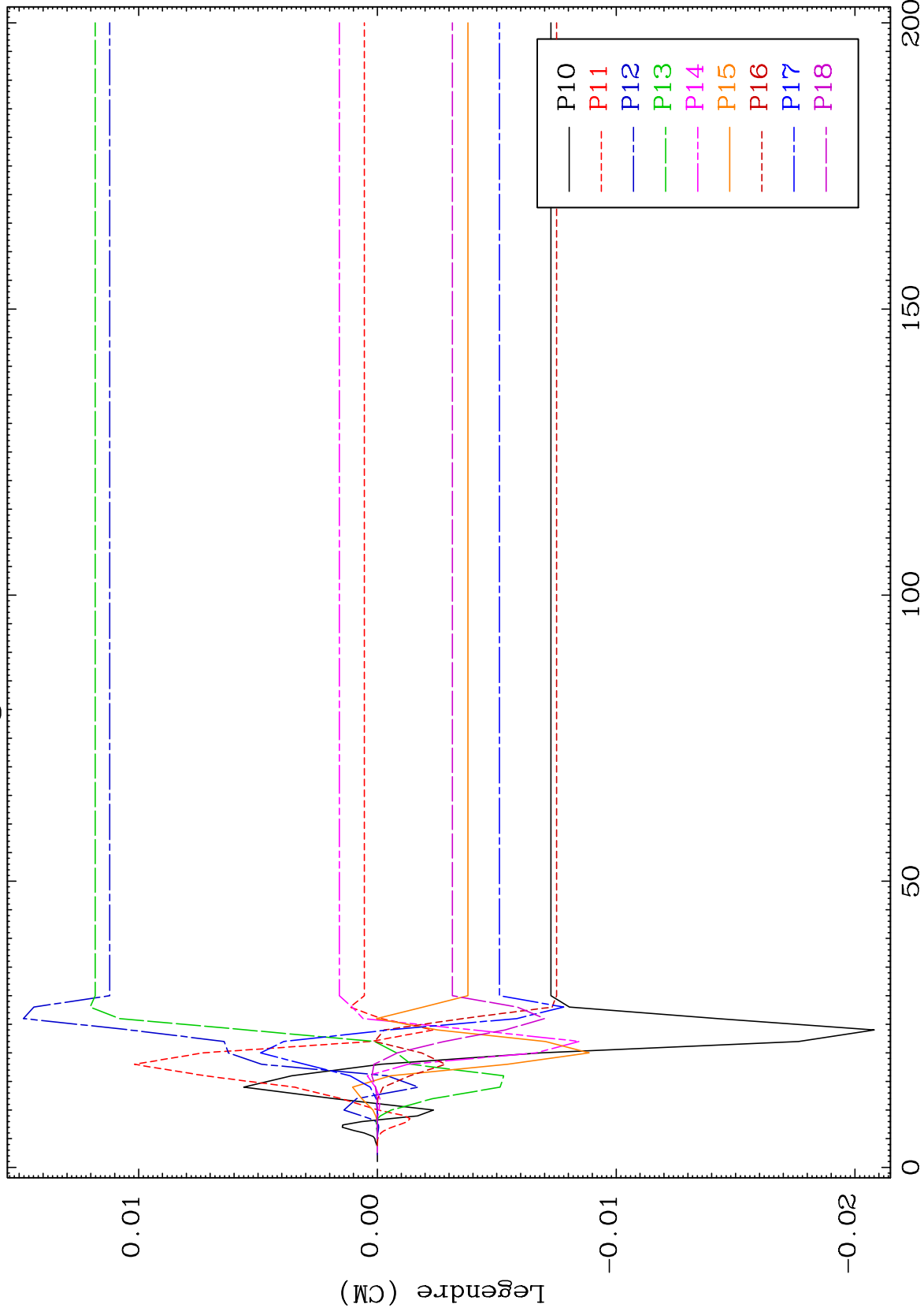
Incident Energy (MeV)

38

MAT 7643

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

76-0s-190



39

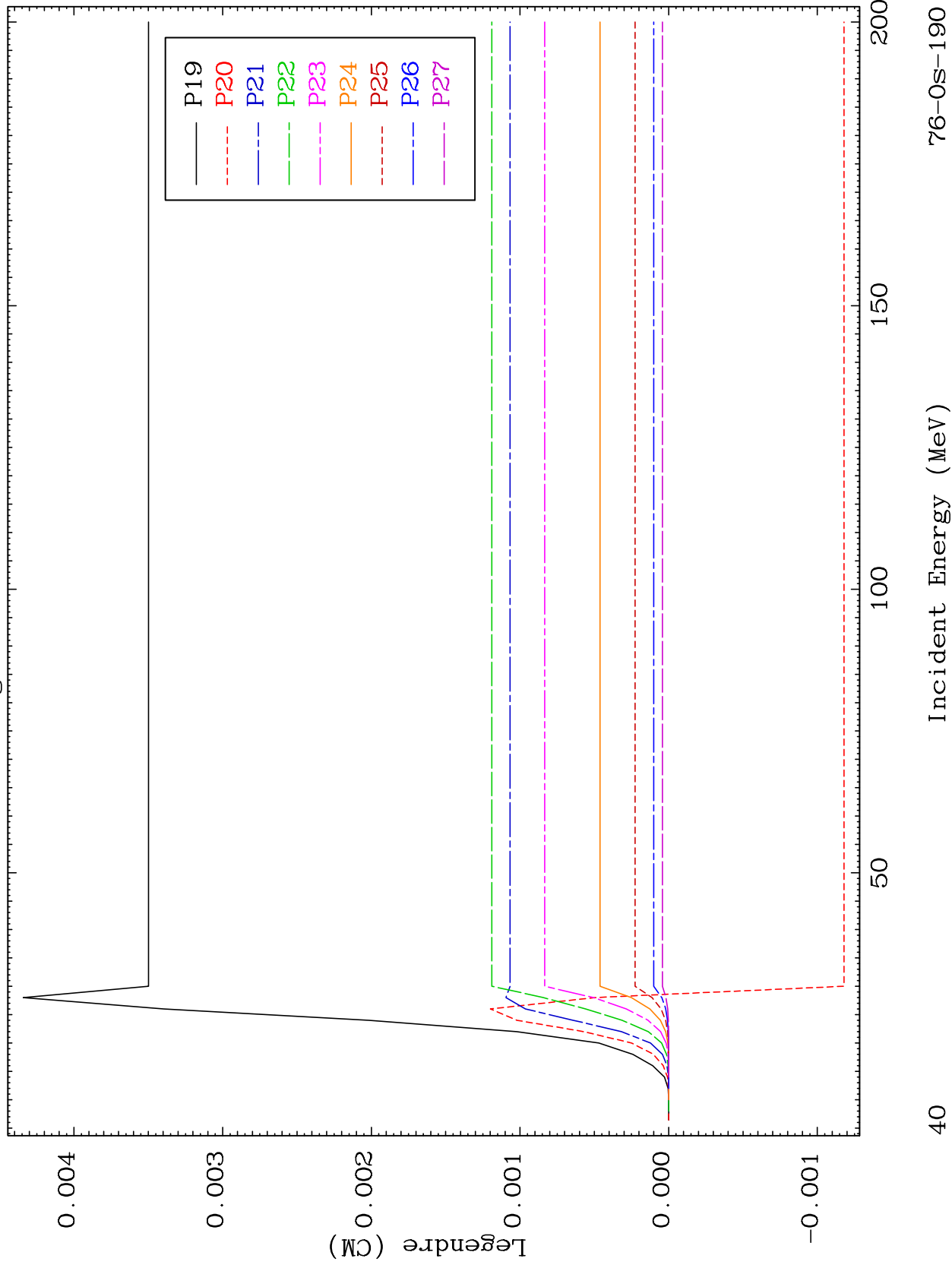
Incident Energy (MeV)

76-0s-190

MAT 7643

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

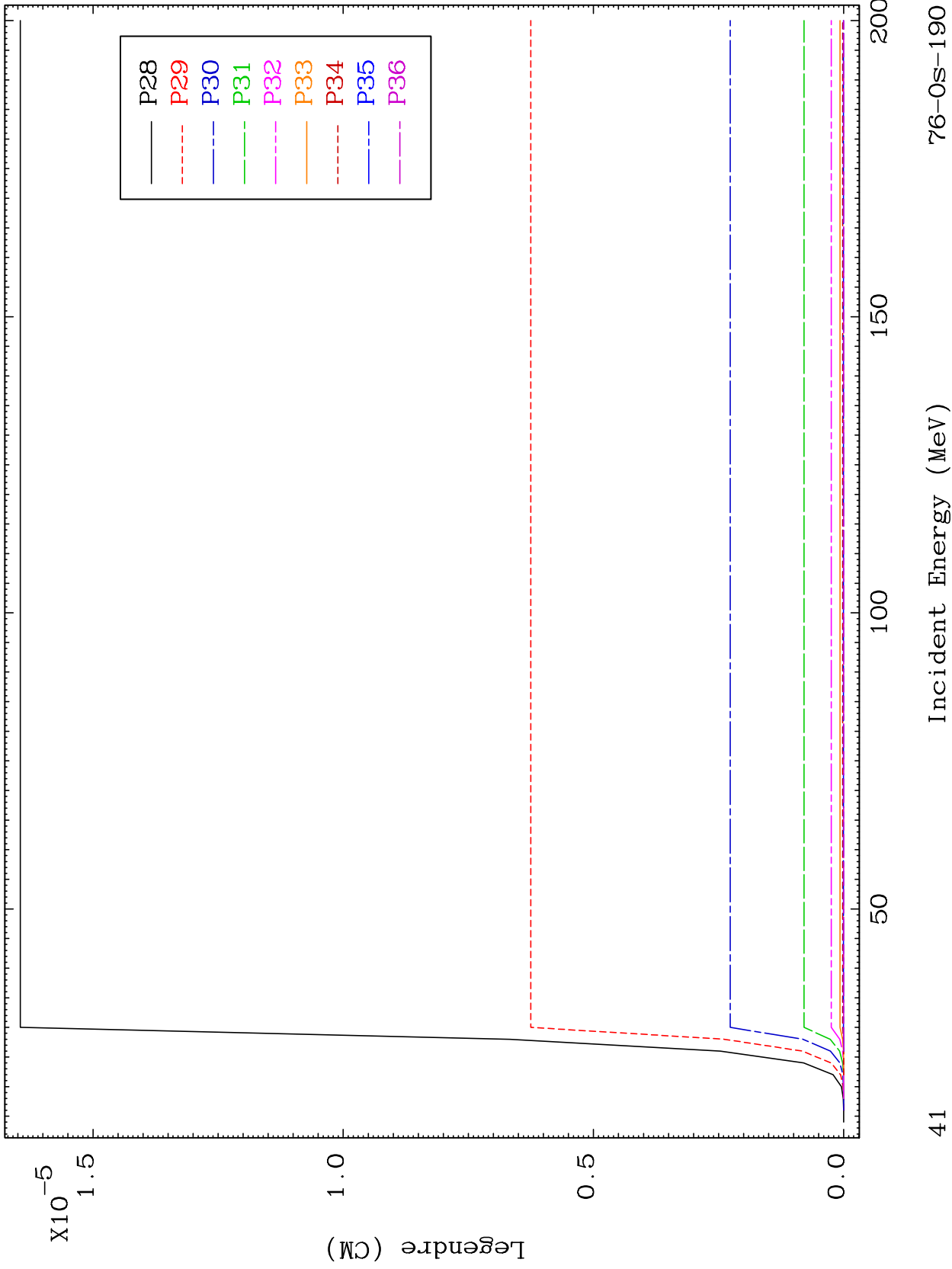
76-Os-190



MAT 7643

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

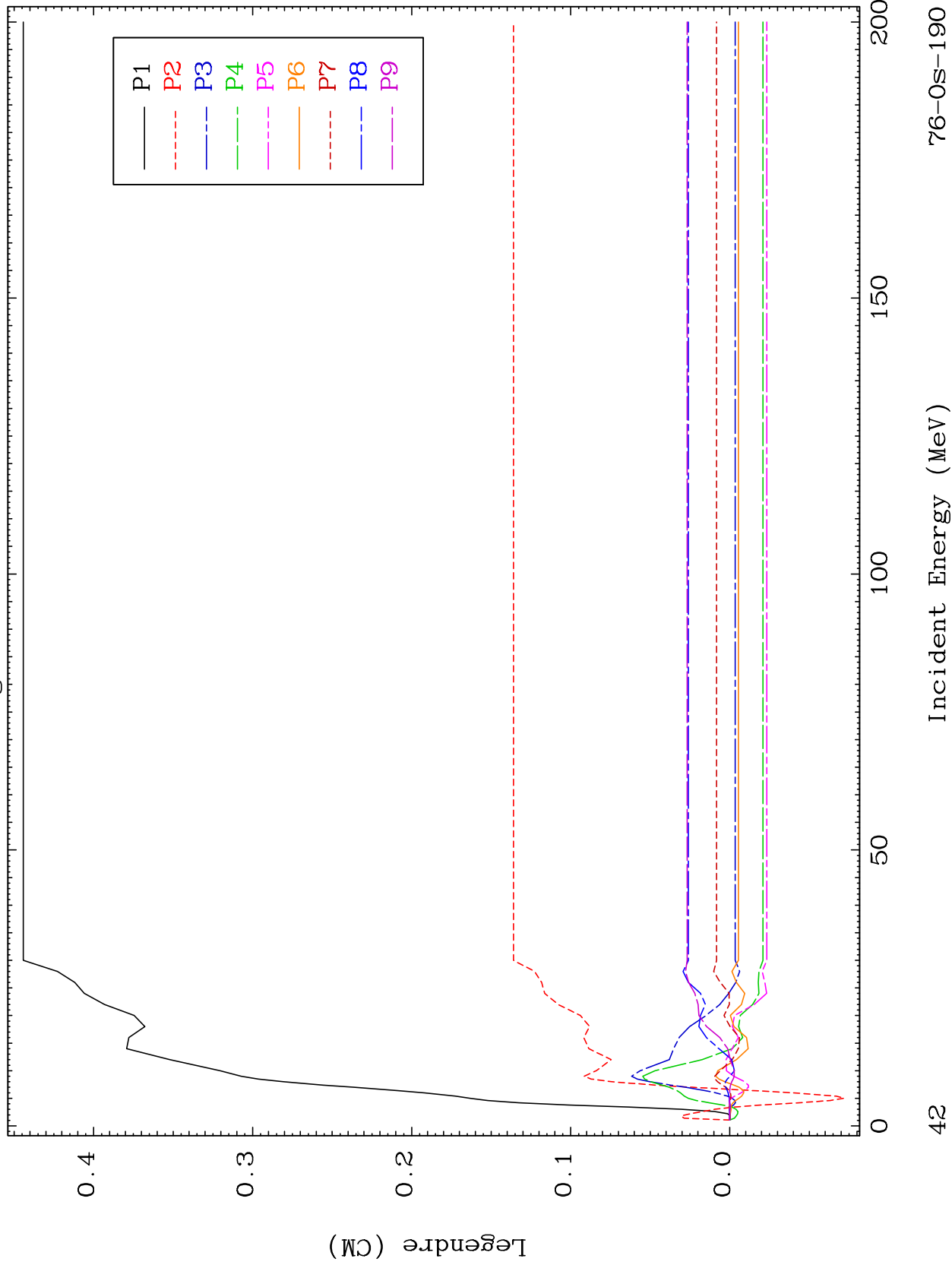
76-Os-190



MAT 7643

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

76-Os-190



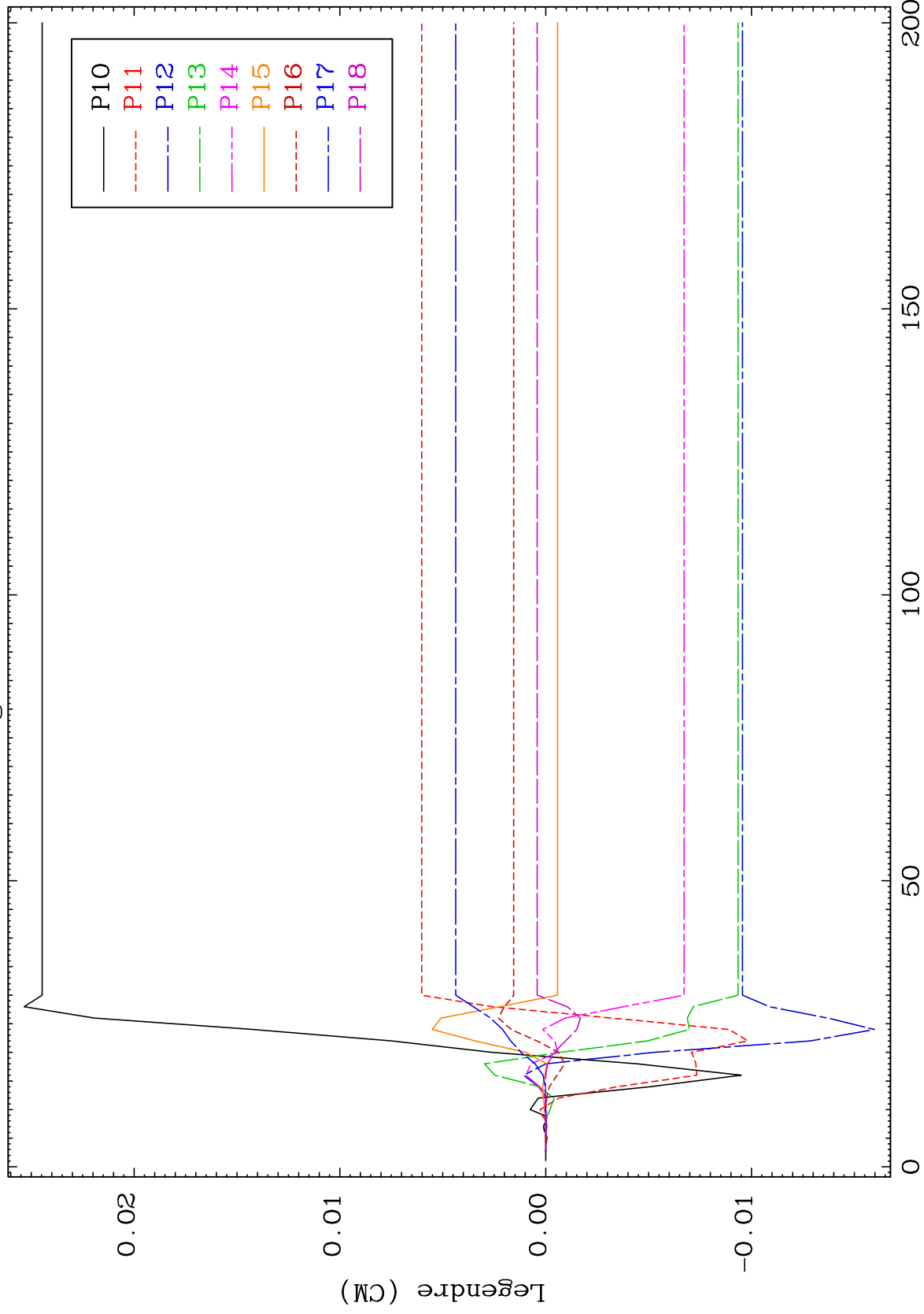
42

76-Os-190

MAT 7643

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

76-Os-190



43

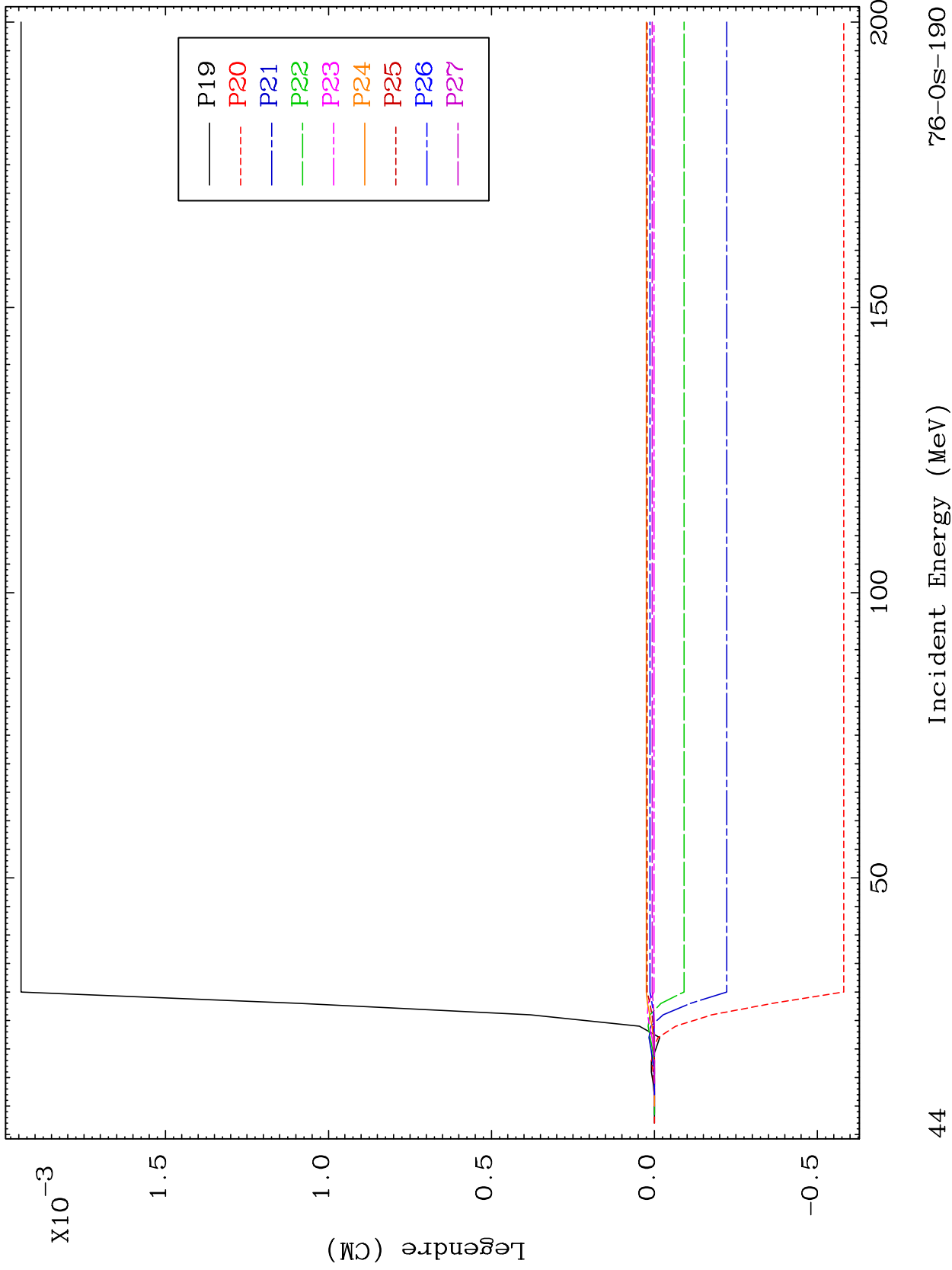
Incident Energy (MeV)

76-Os-190

MAT 7643

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

76-Os-190



44

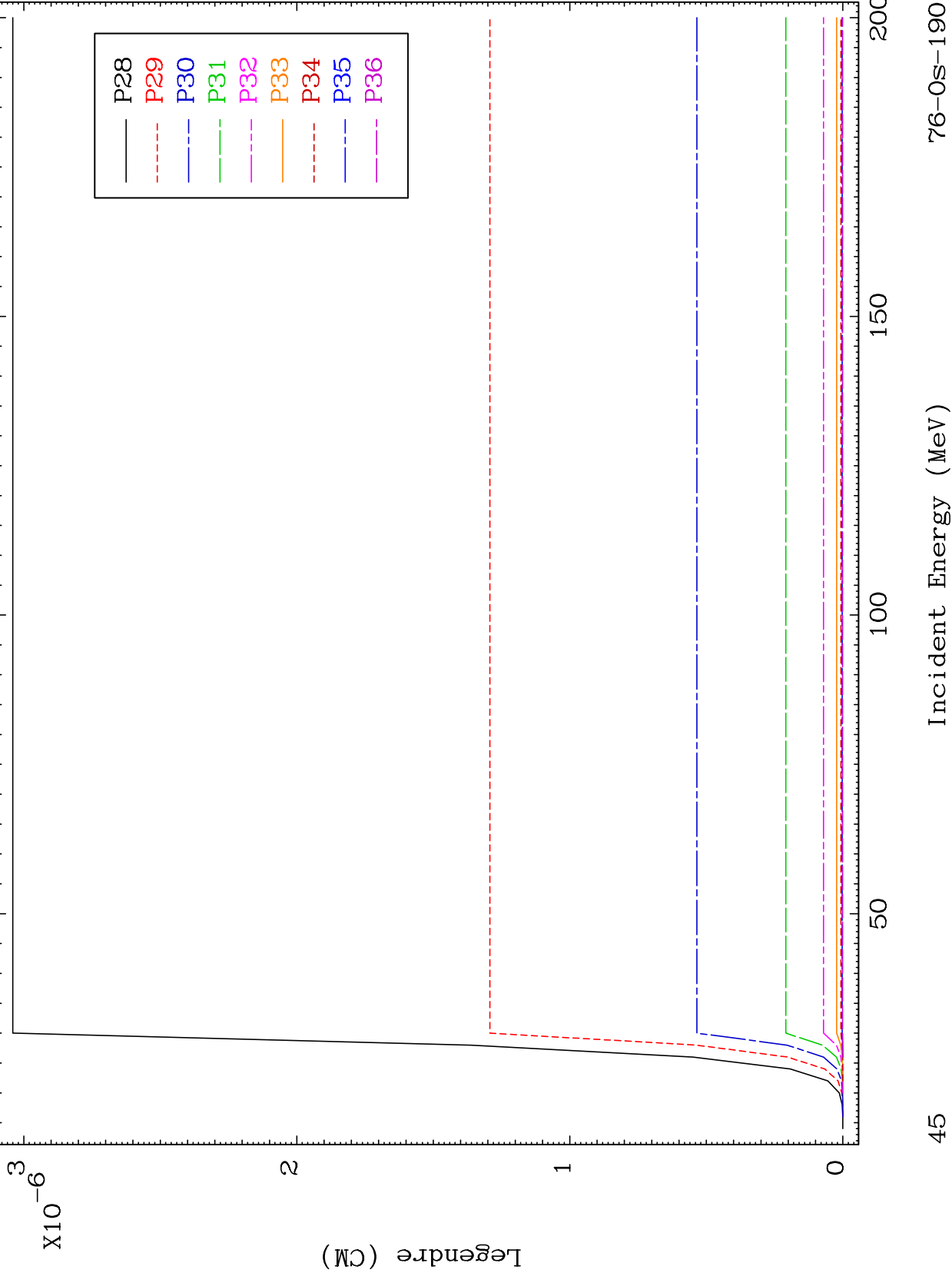
Incident Energy (MeV)

76-Os-190

MAT 7643

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

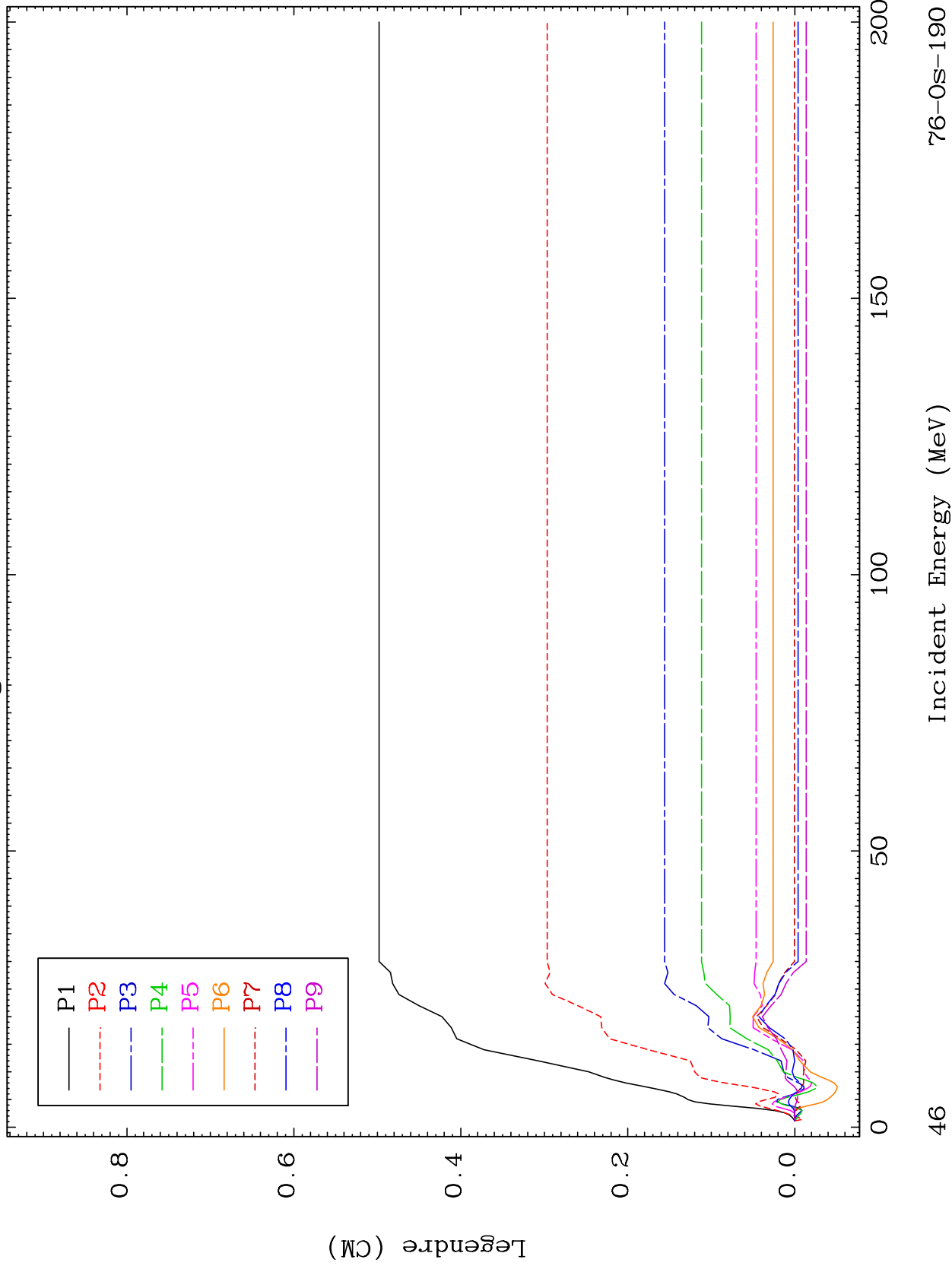
76-Os-190



MAT 7643

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

76-Os-190



46

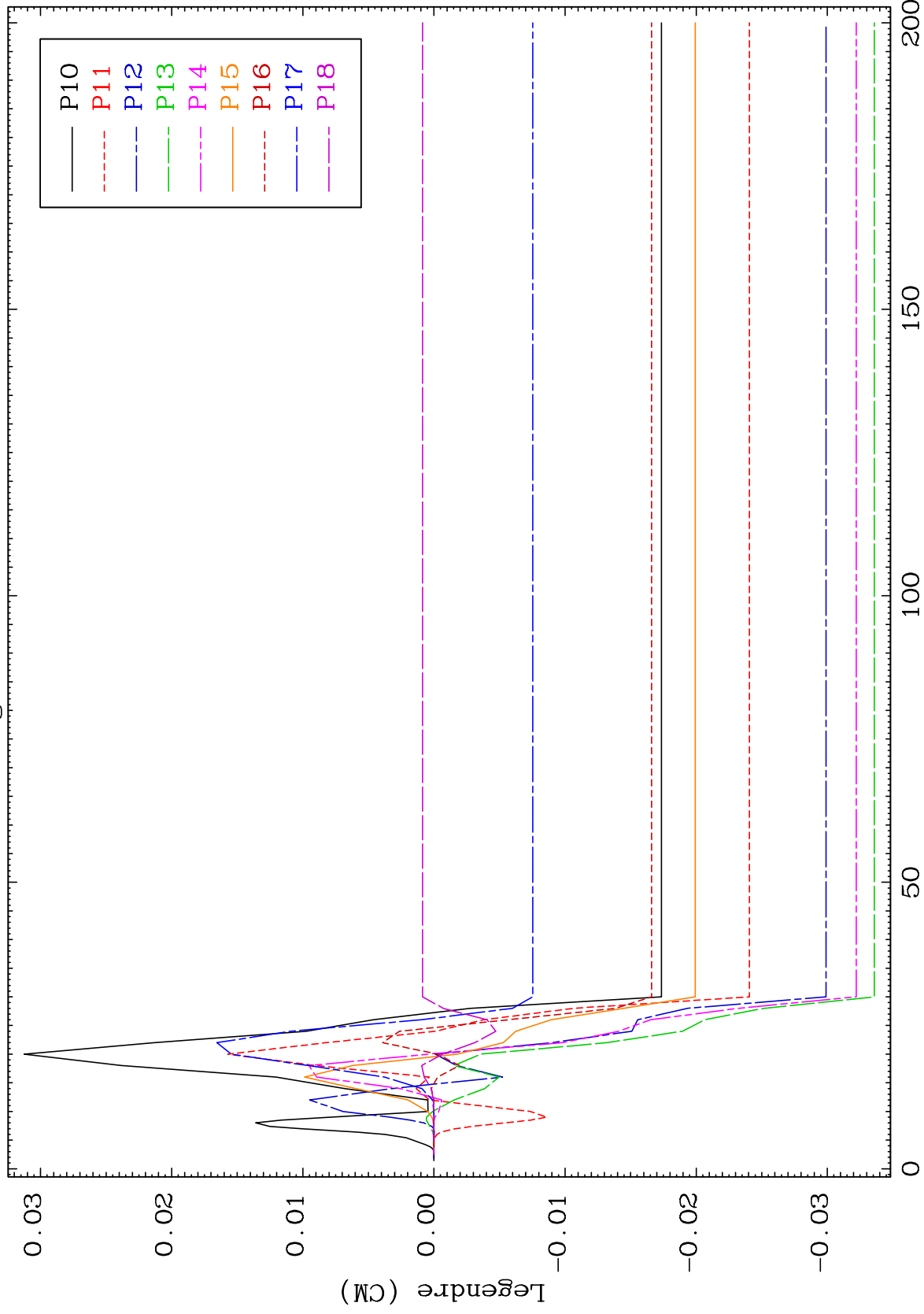
Incident Energy (MeV)

76-Os-190

MAT 7643

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

76-Os-190



47

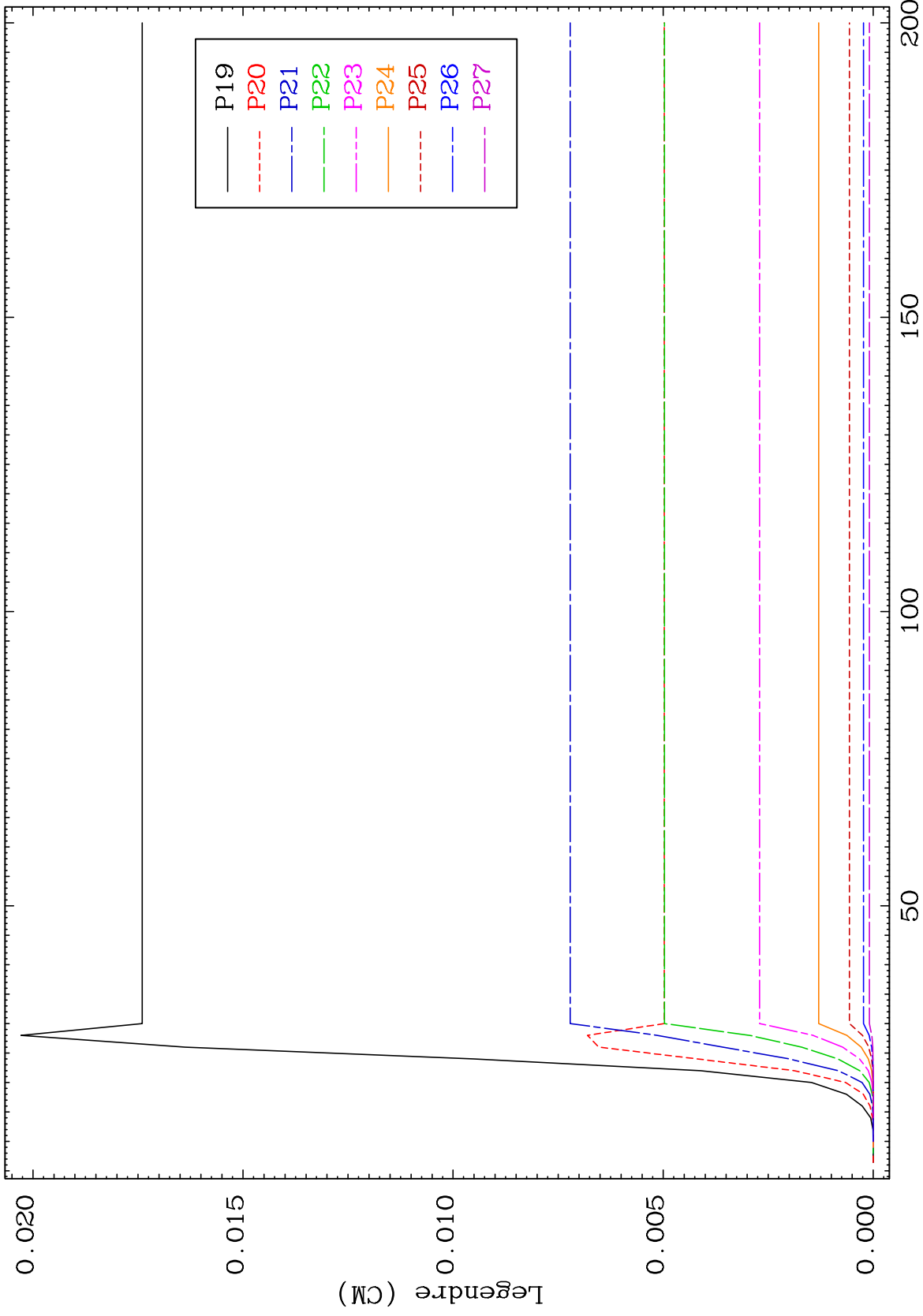
Incident Energy (MeV)

76-Os-190

MAT 7643

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

76-Os-190



48

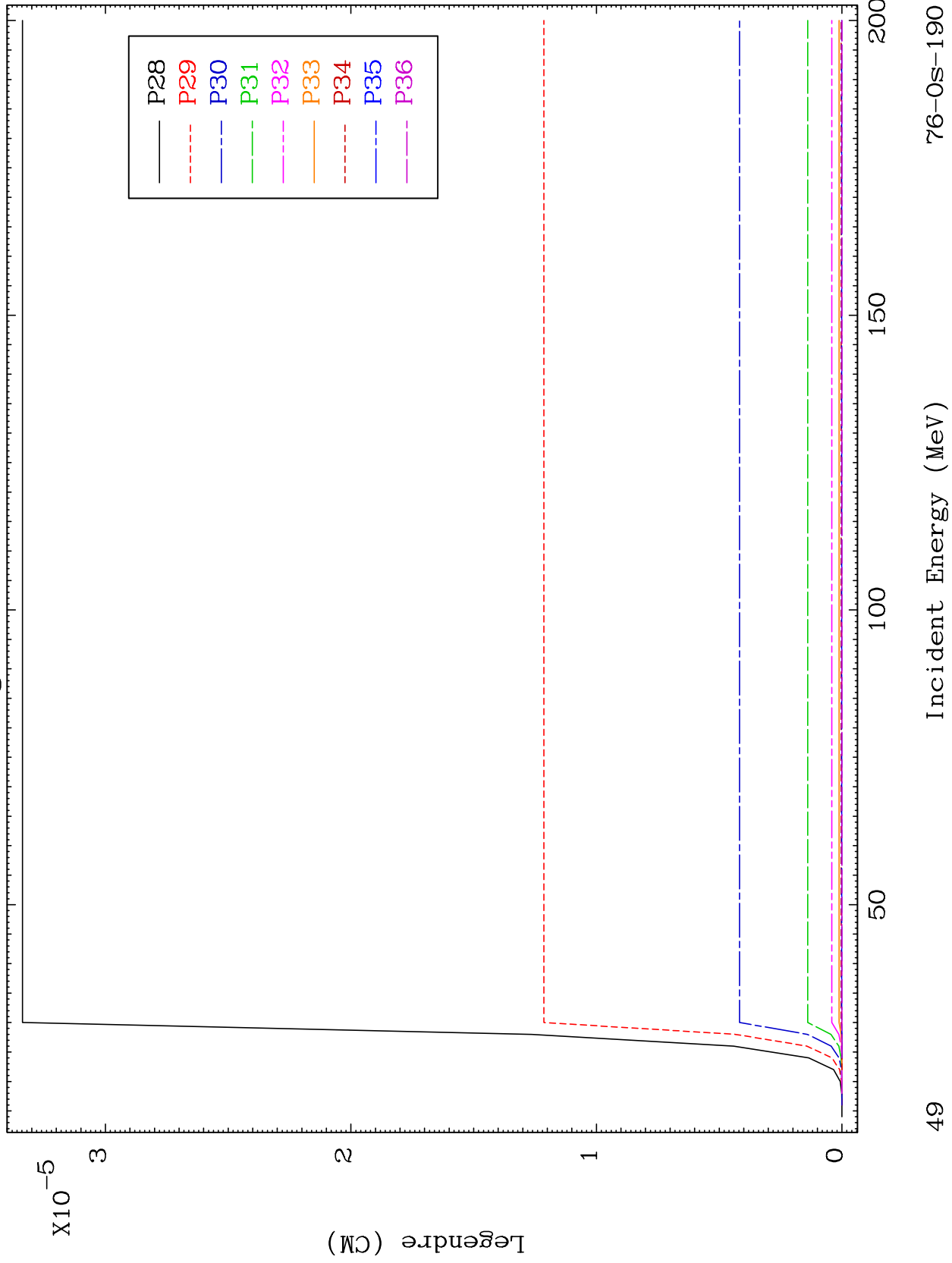
Incident Energy (MeV)

76-Os-190

MAT 7643

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

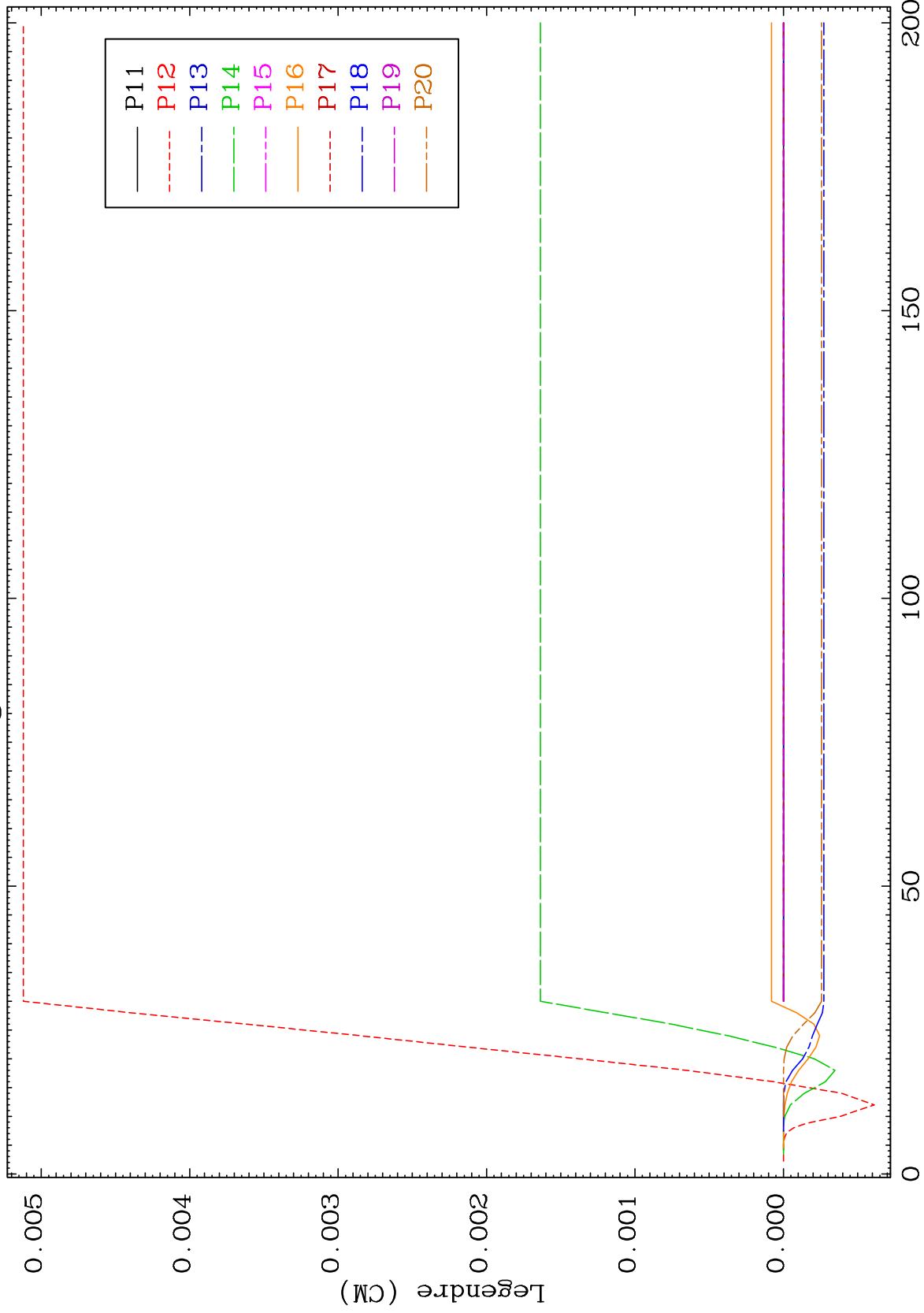
76-Os-190



MAT 7643

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

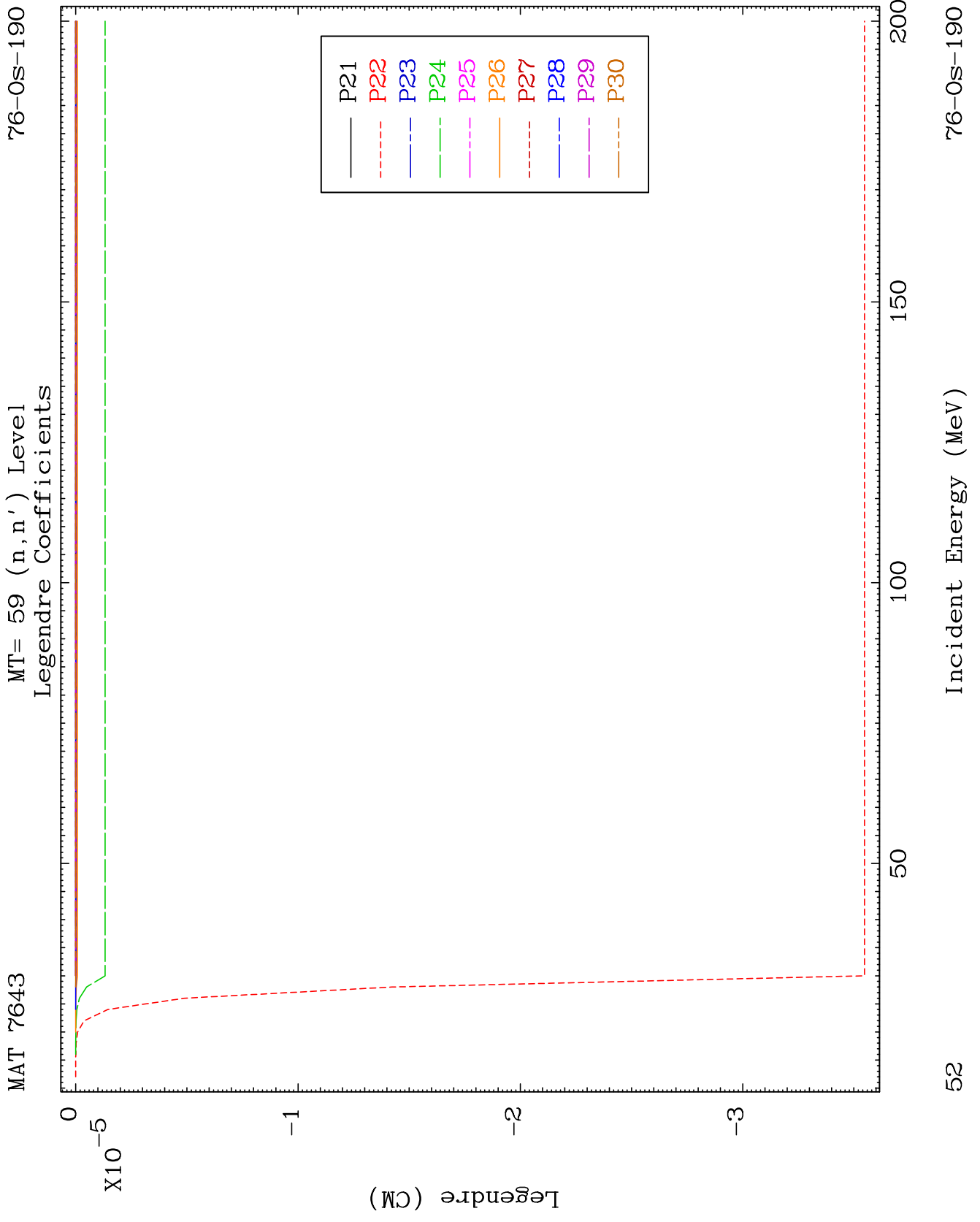
76-Os-190



51

Incident Energy (MeV)

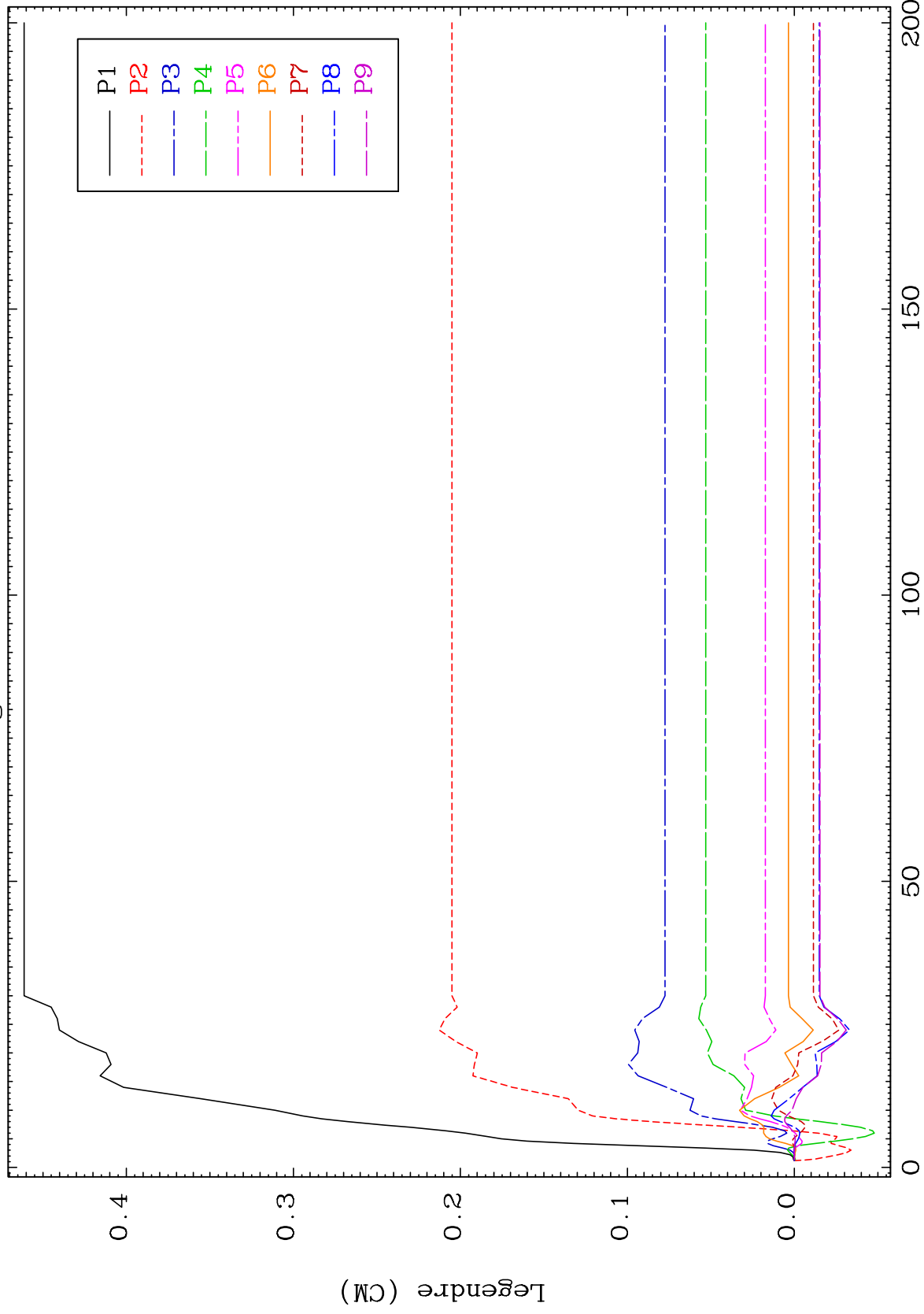
76-Os-190



MAT 7643

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

76-Os-190



53

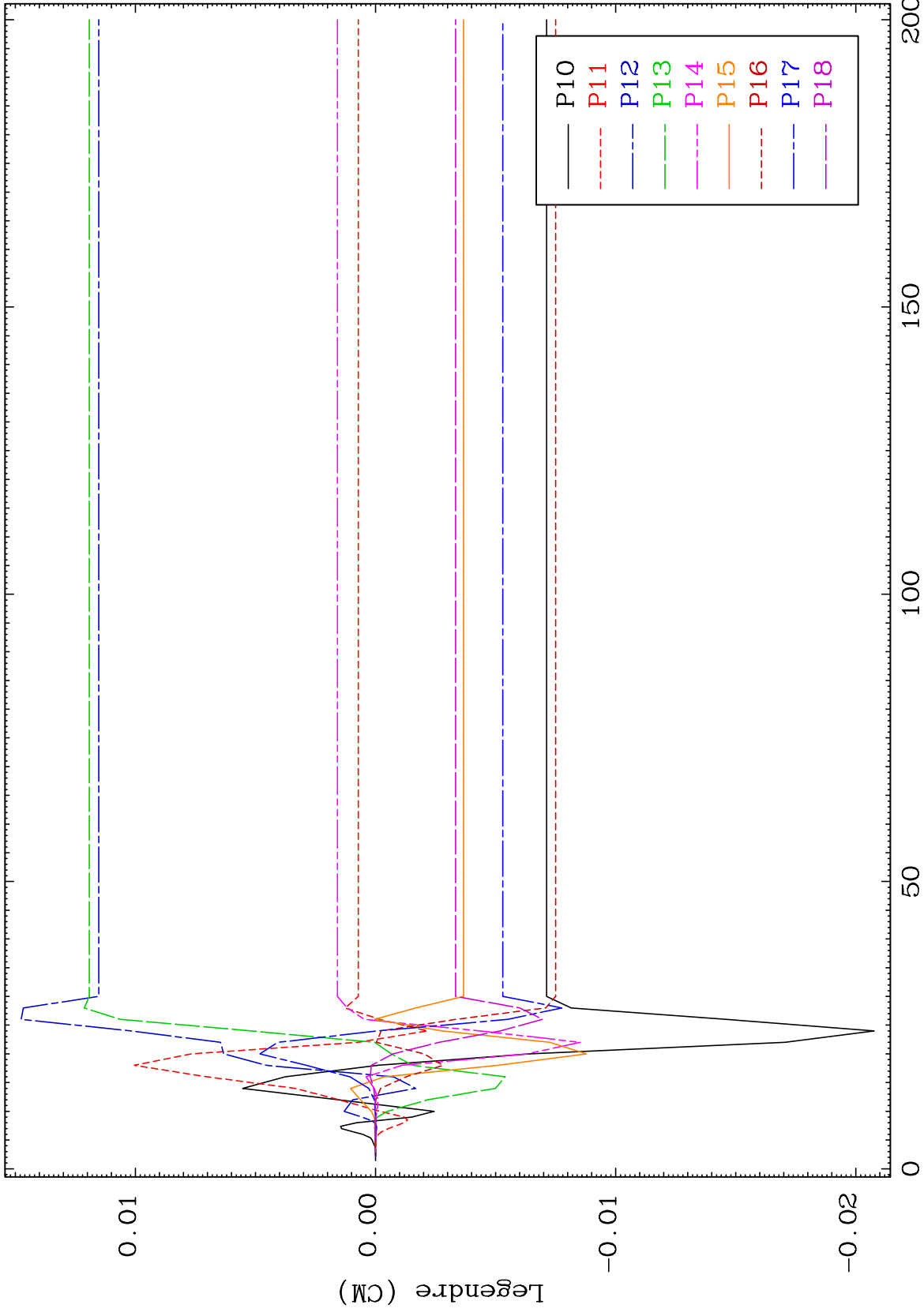
Incident Energy (MeV)

76-Os-190

MAT 7643

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

76-Os-190



54

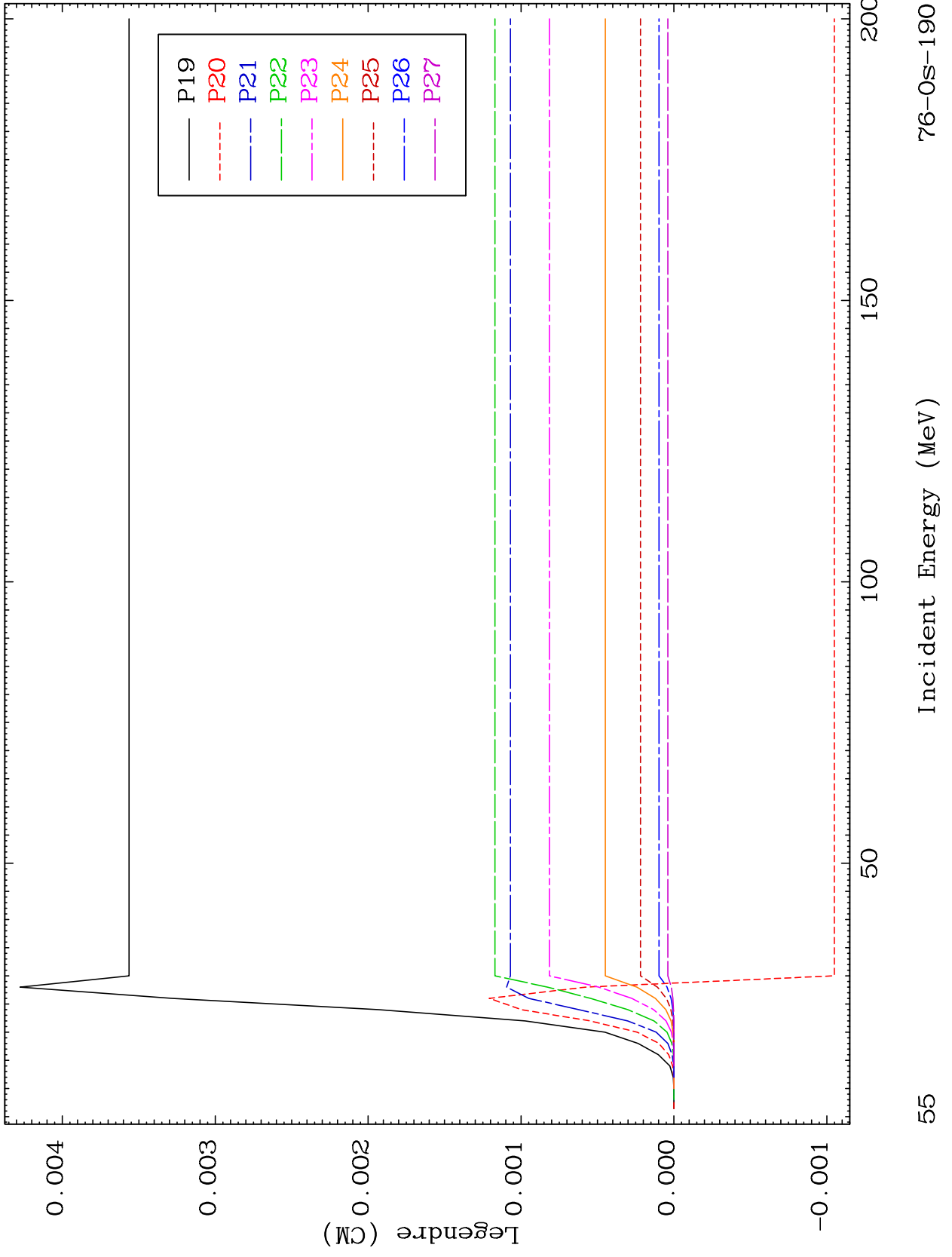
Incident Energy (MeV)

76-Os-190

MAT 7643

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

76-Os-190



55

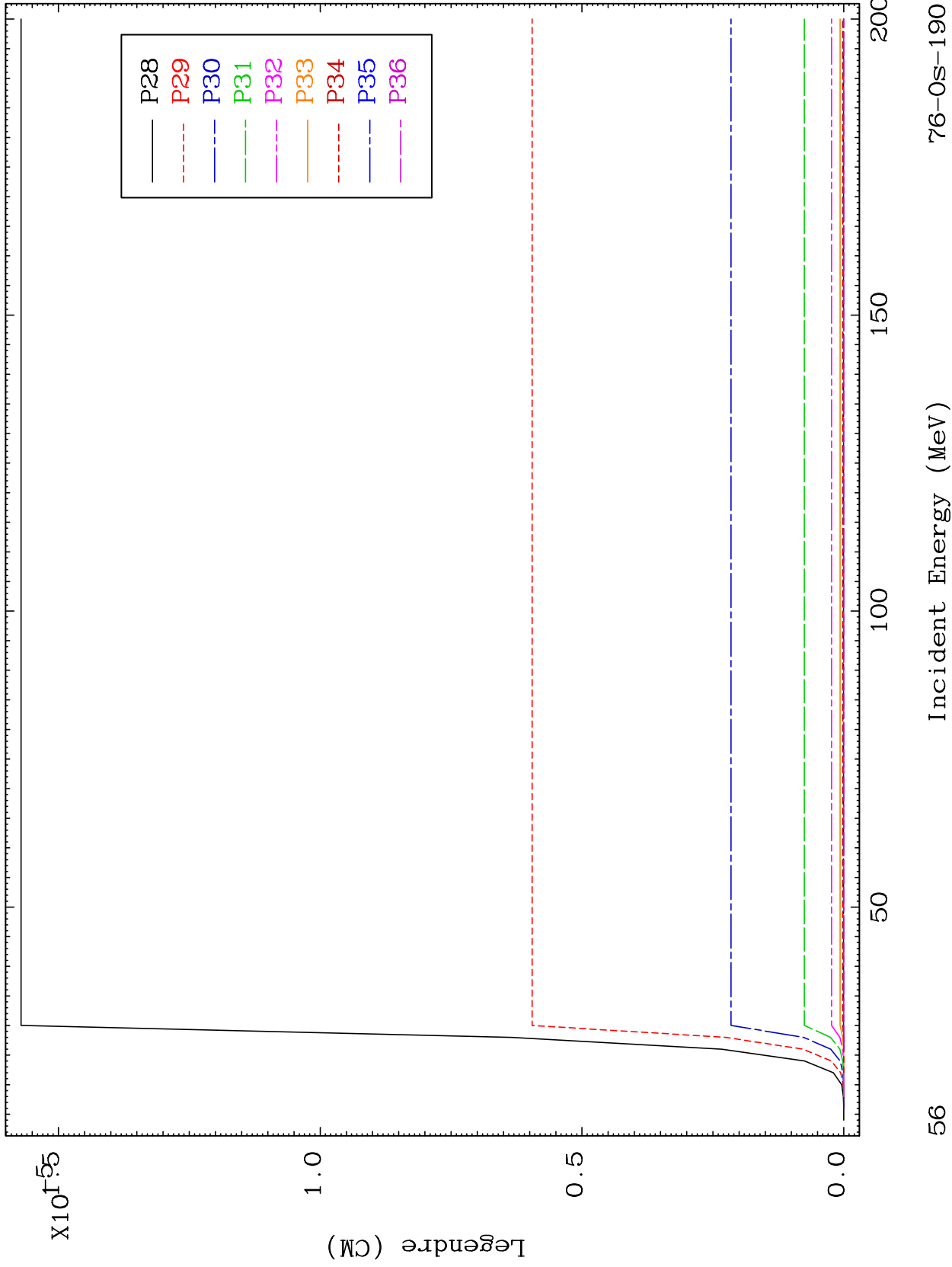
Incident Energy (MeV)

76-Os-190

MAT 7643

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

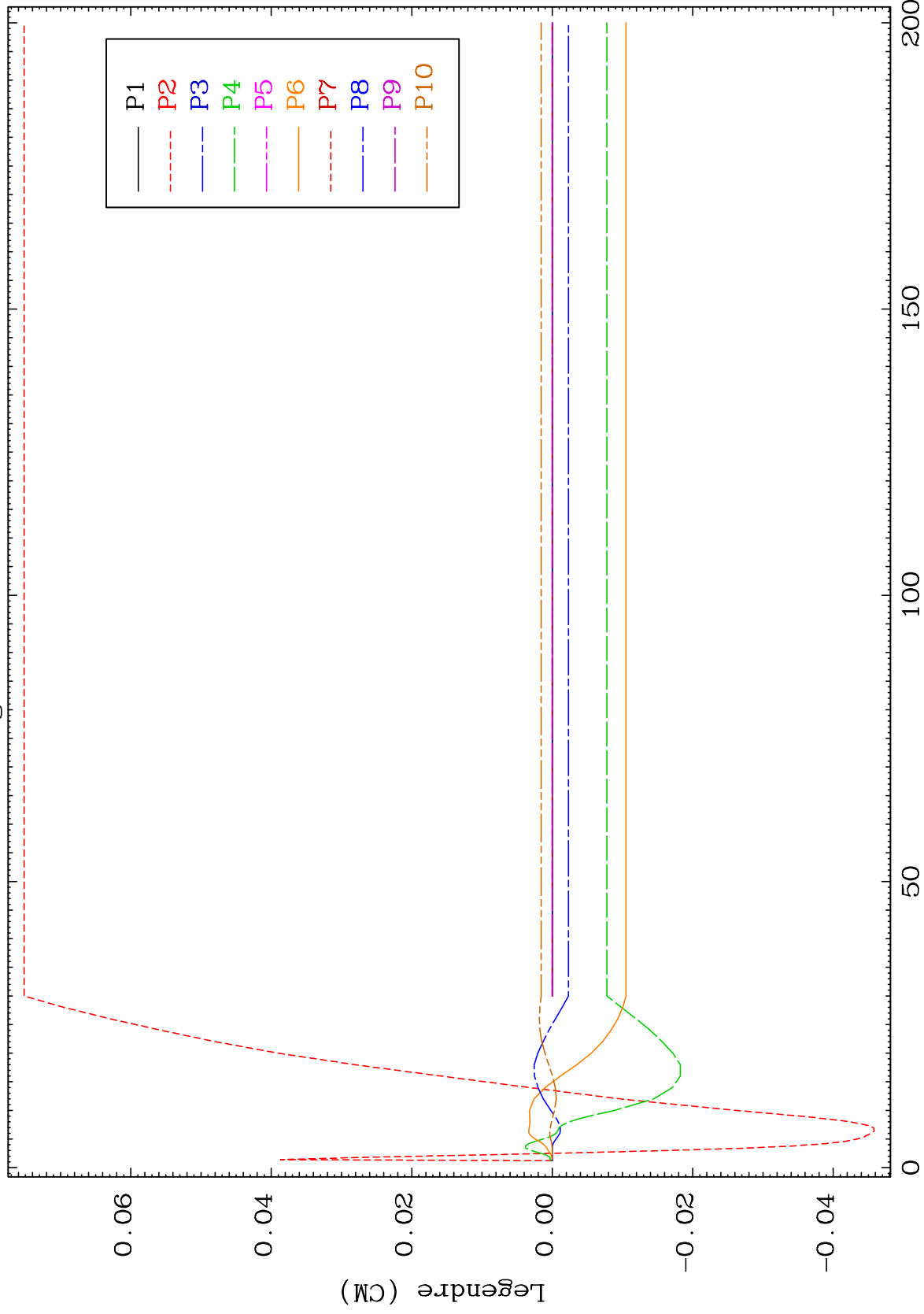
76-Os-190



MAT 7643

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

76-Os-190



57

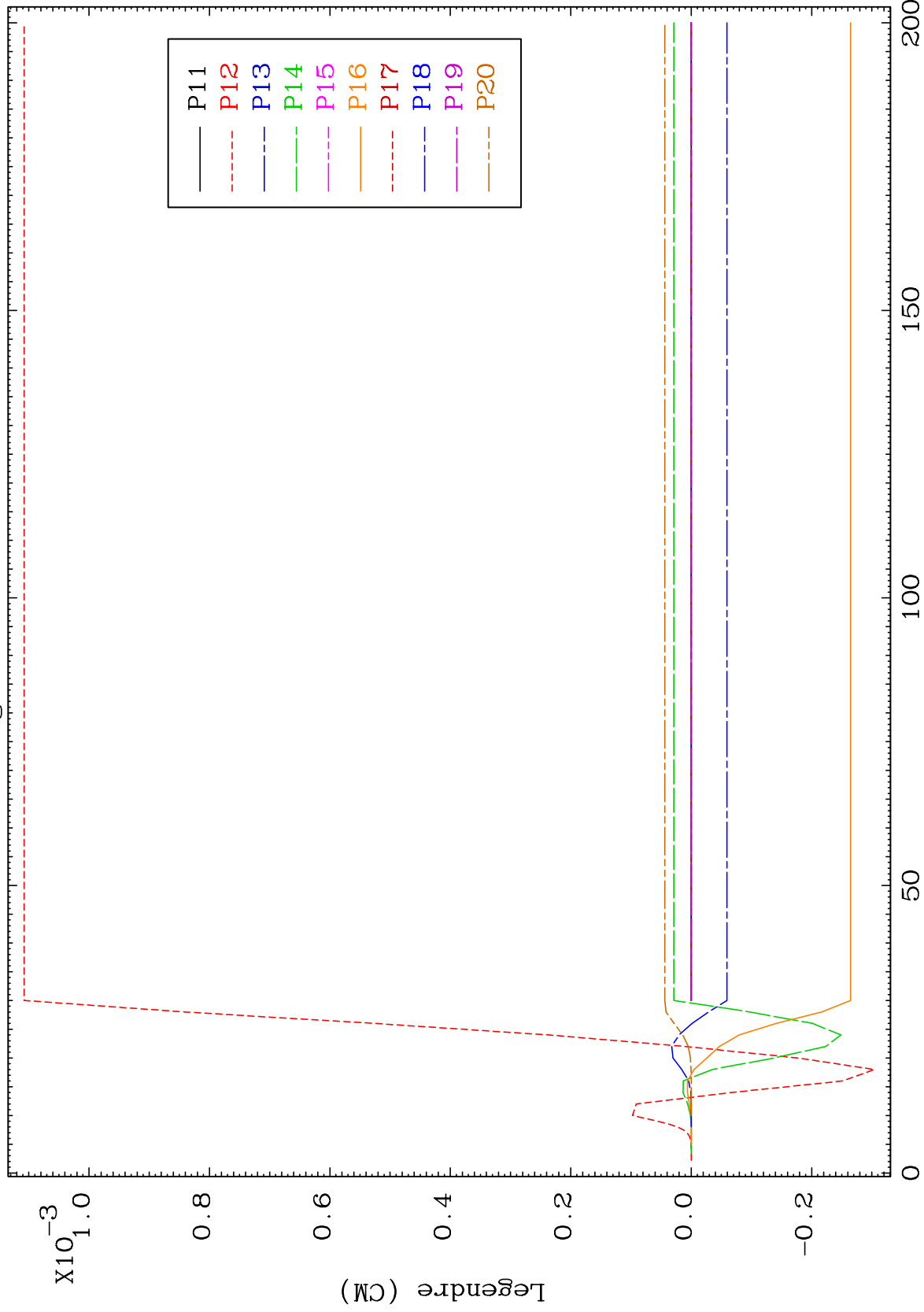
Incident Energy (MeV)

76-Os-190

MAT 7643

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

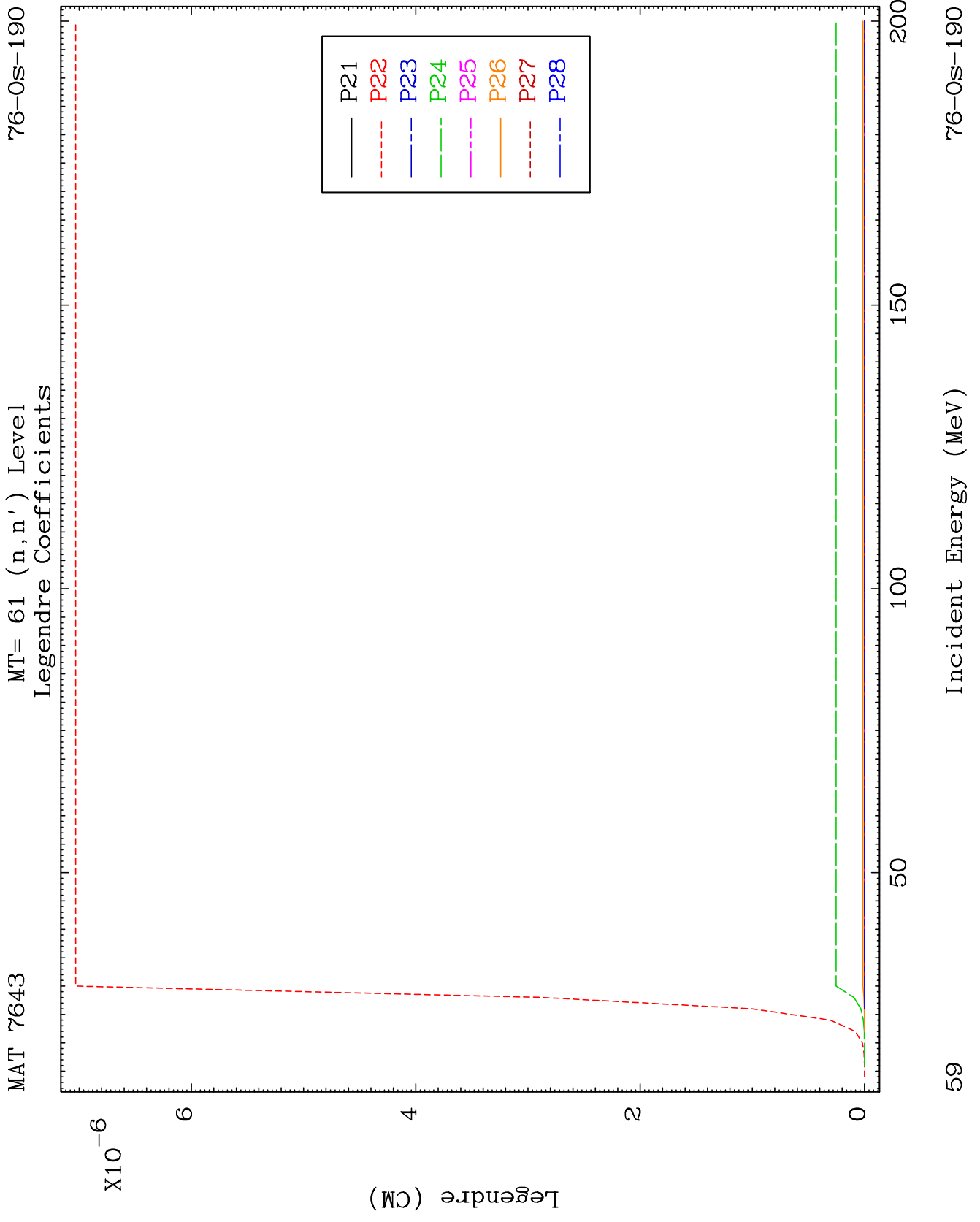
76-Os-190



58

Incident Energy (MeV)

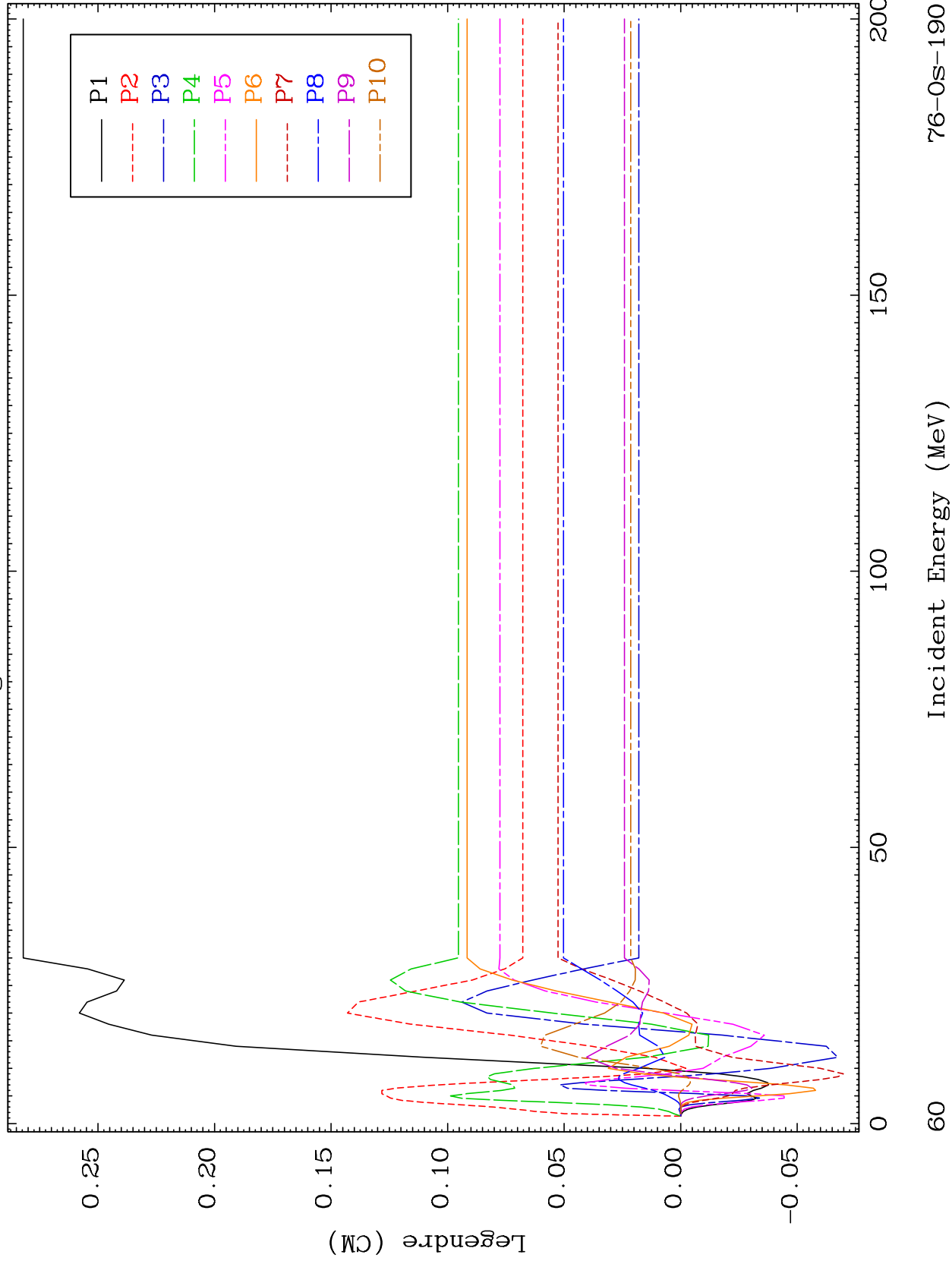
76-Os-190



MAT 7643

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

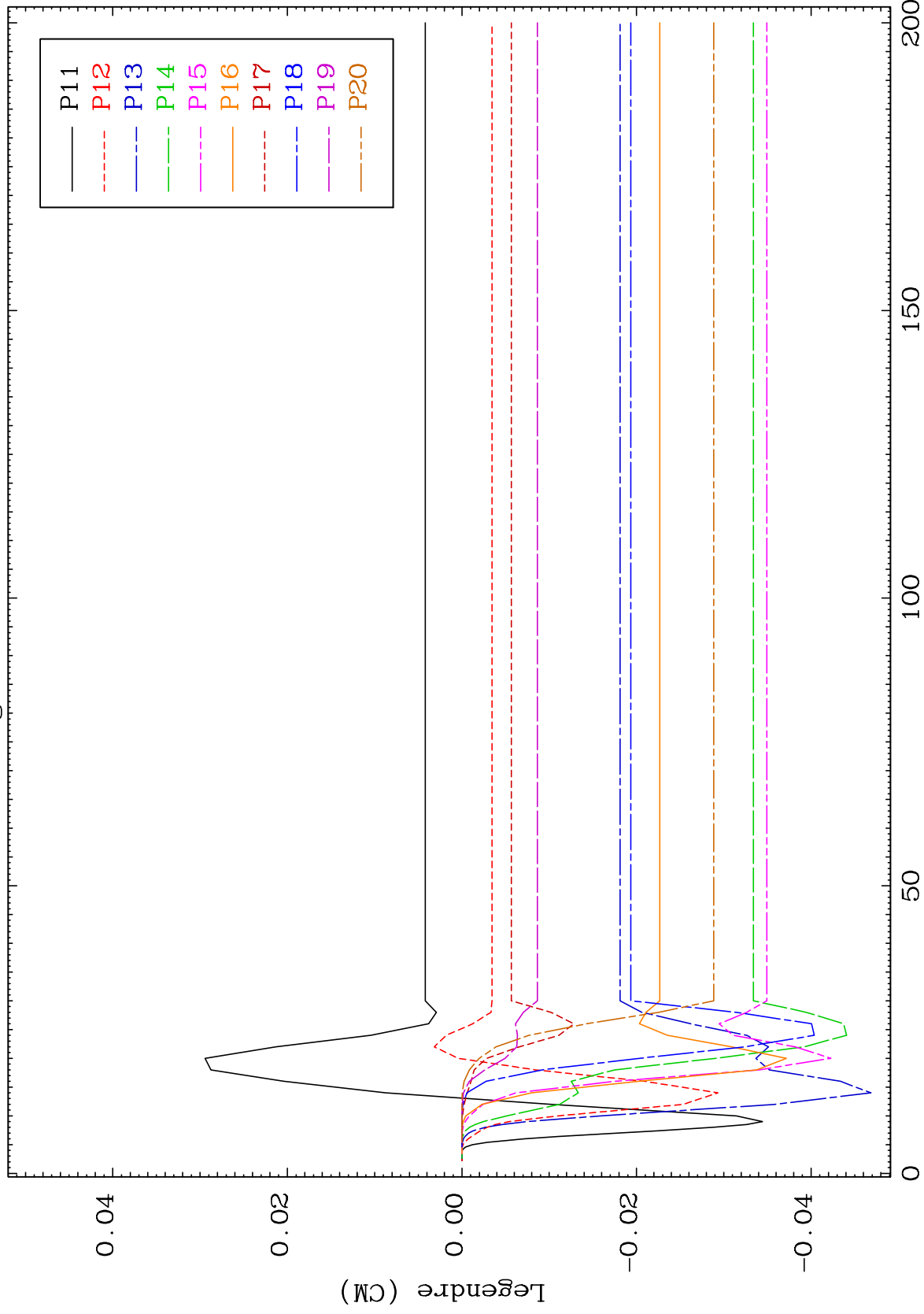
76-Os-190



MAT 7643

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

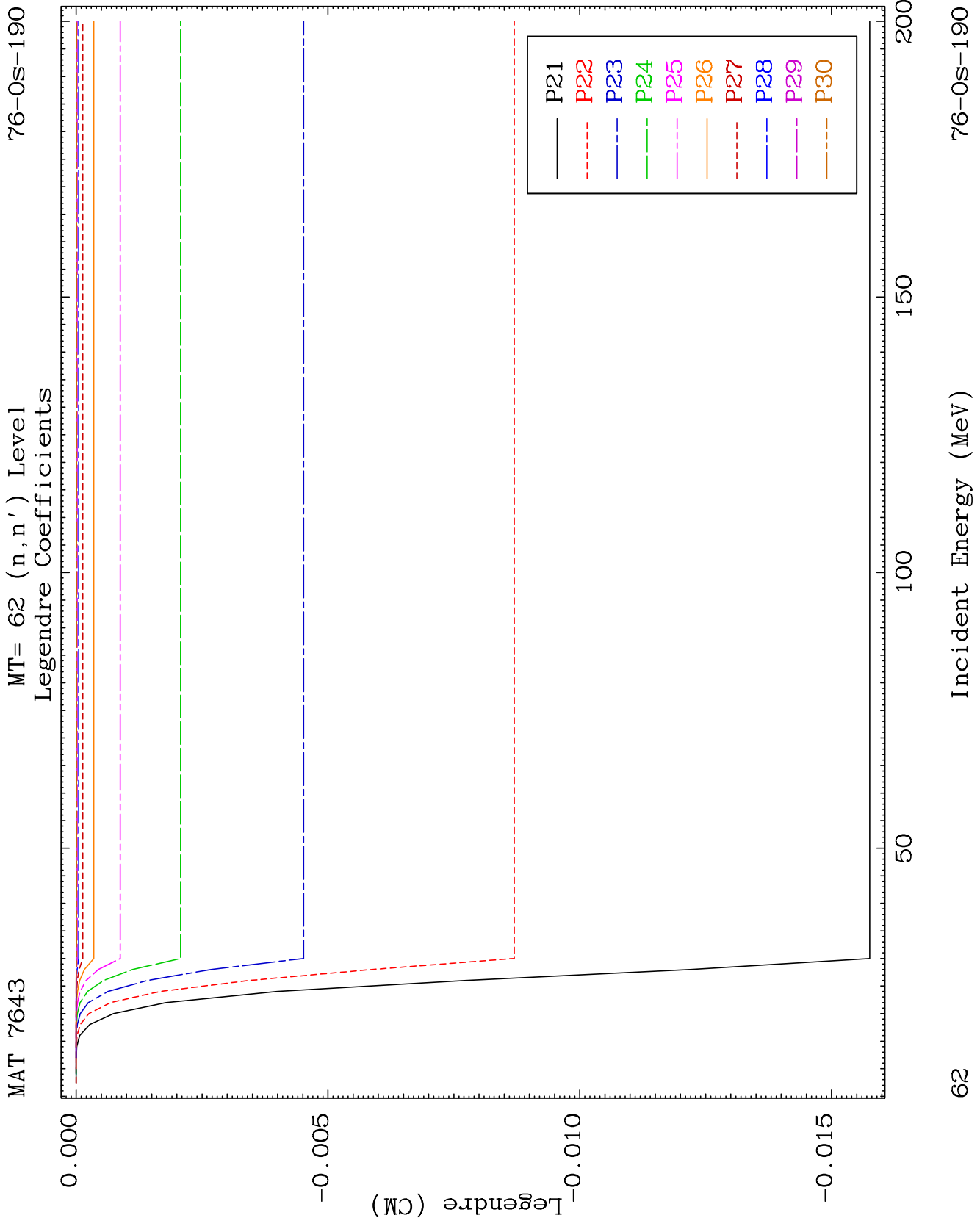
76-Os-190

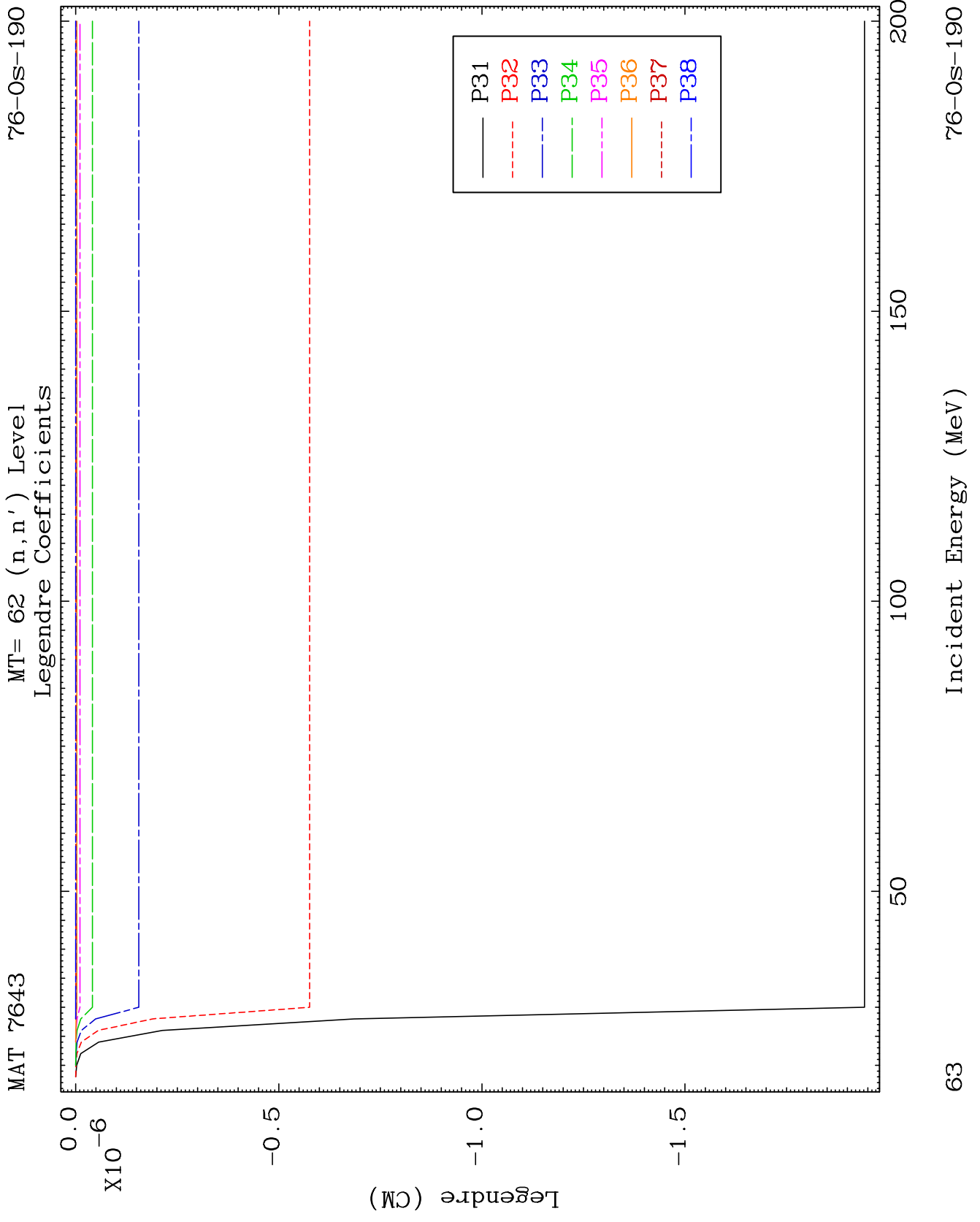


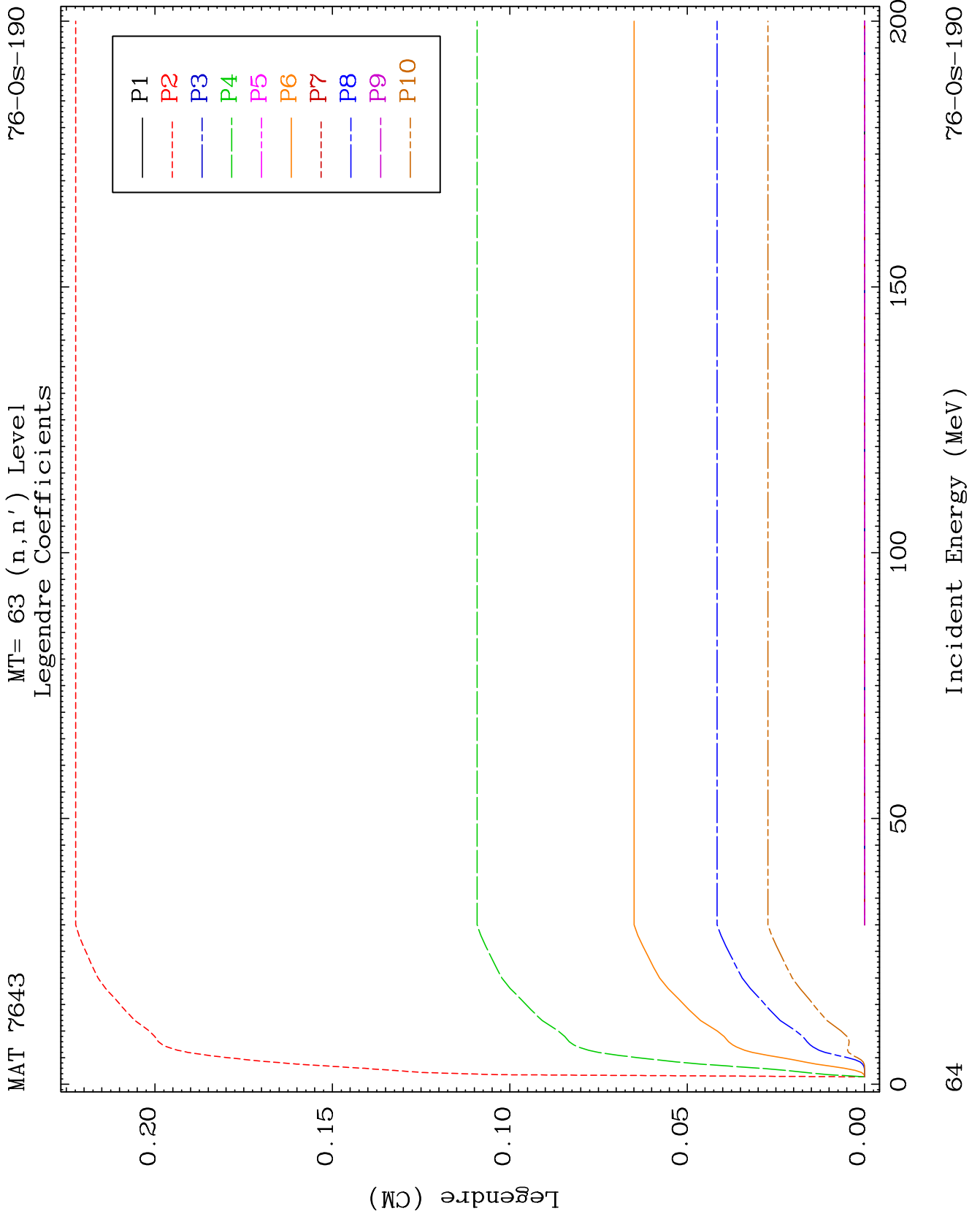
61

Incident Energy (MeV)

76-Os-190



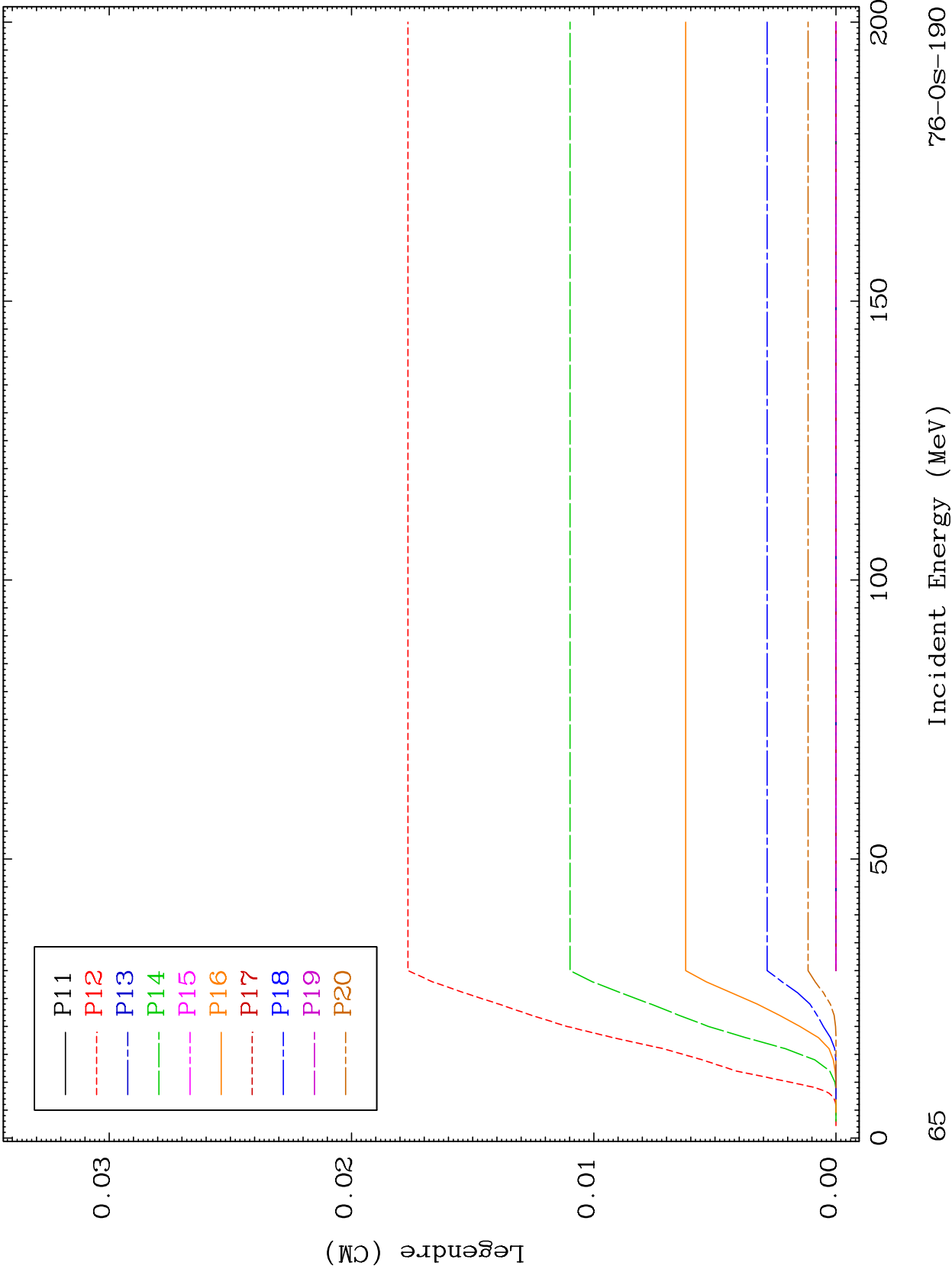




MAT 7643

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

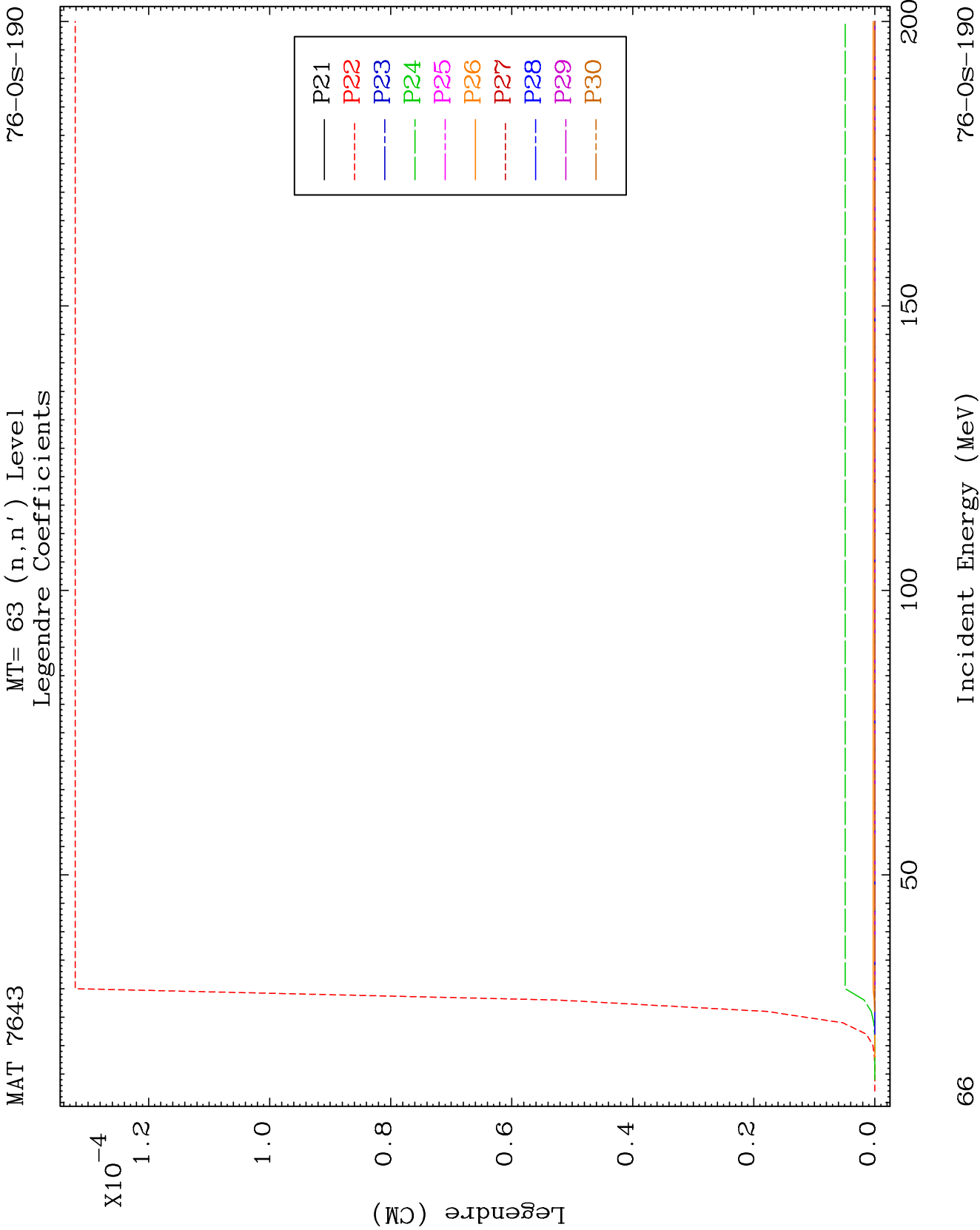
76-Os-190



65

Incident Energy (MeV)

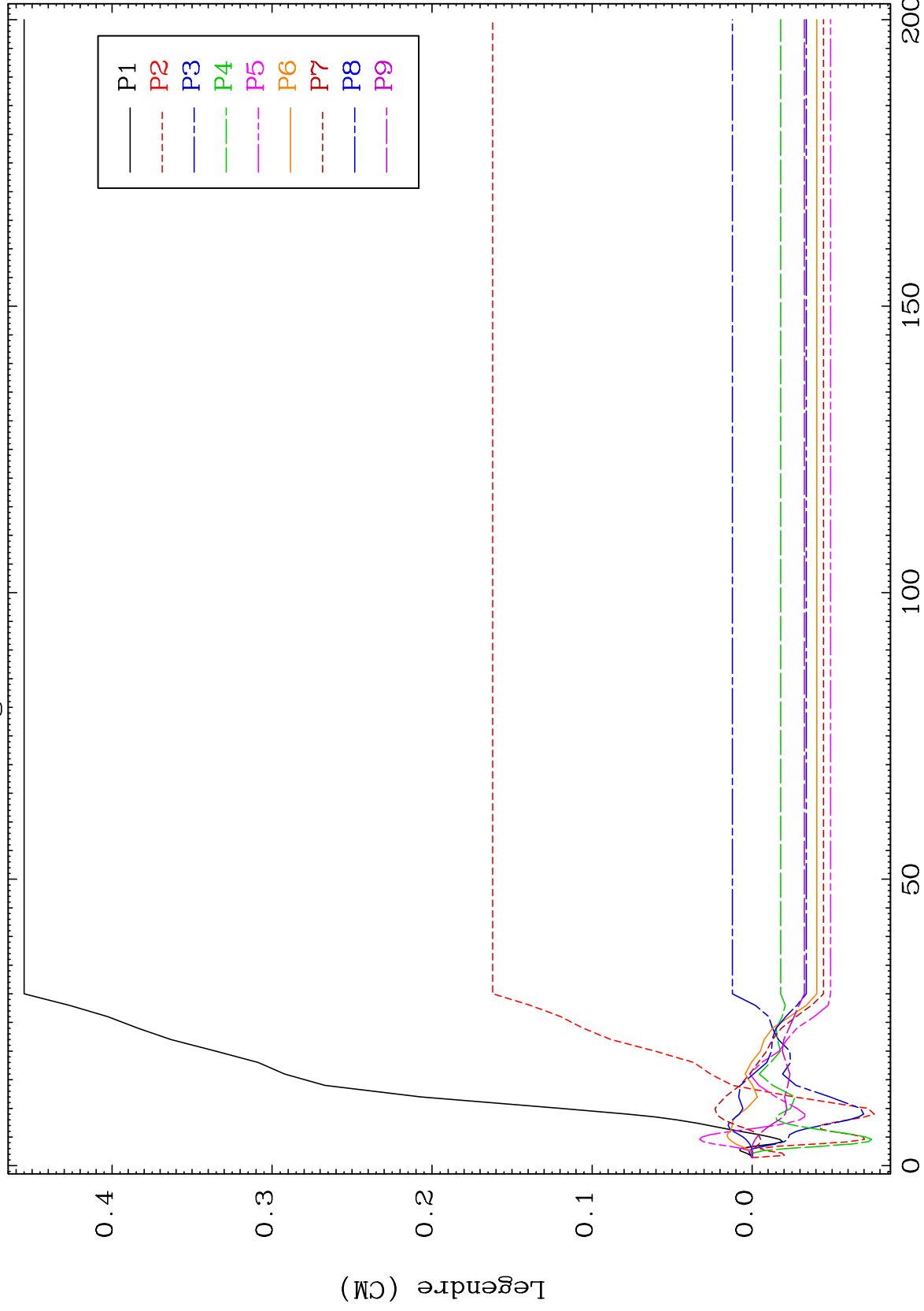
76-Os-190



MAT 7643

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

76-Os-190



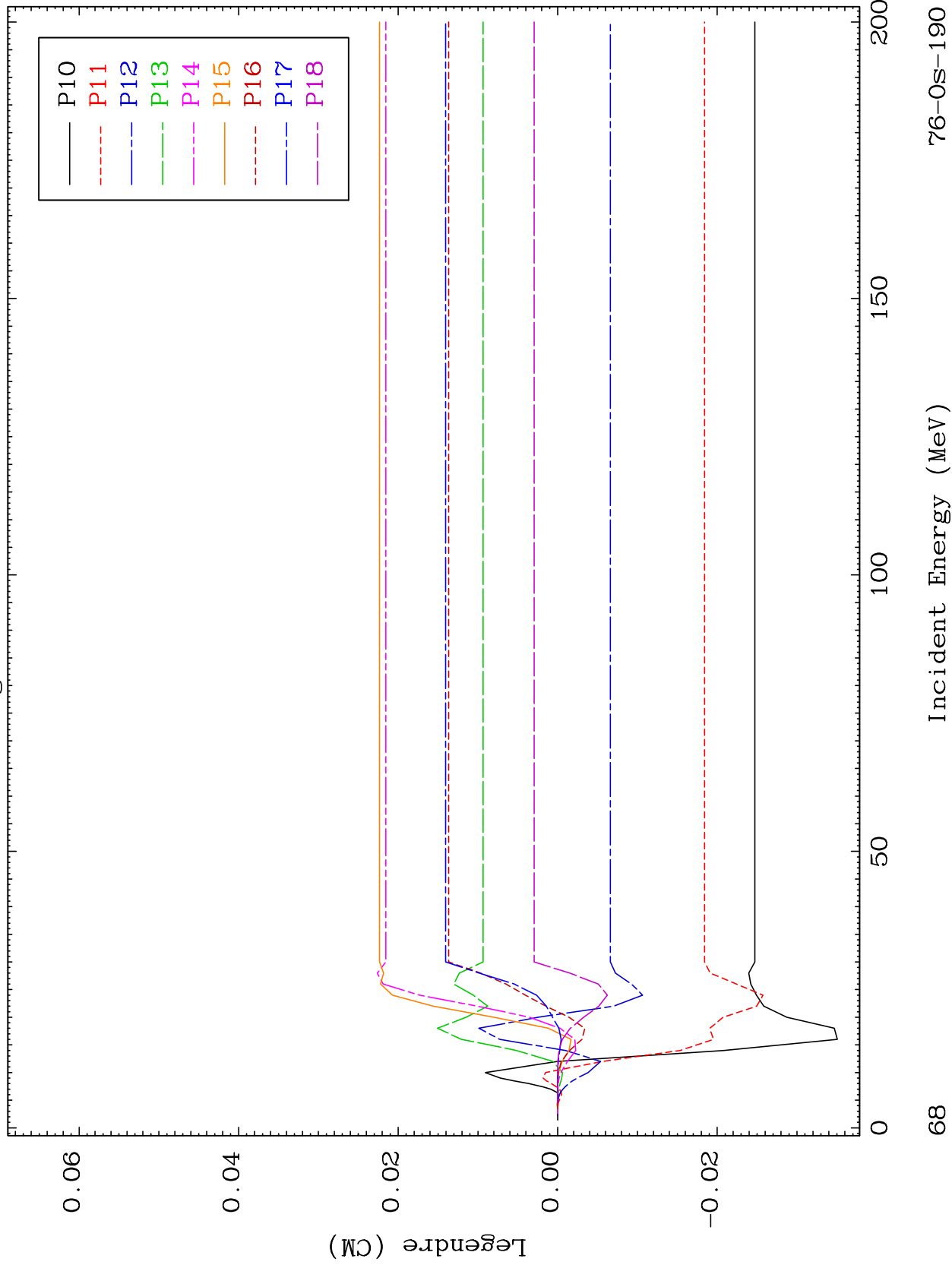
67

76-Os-190

MAT 7643

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

76-Os-190



76-Os-190

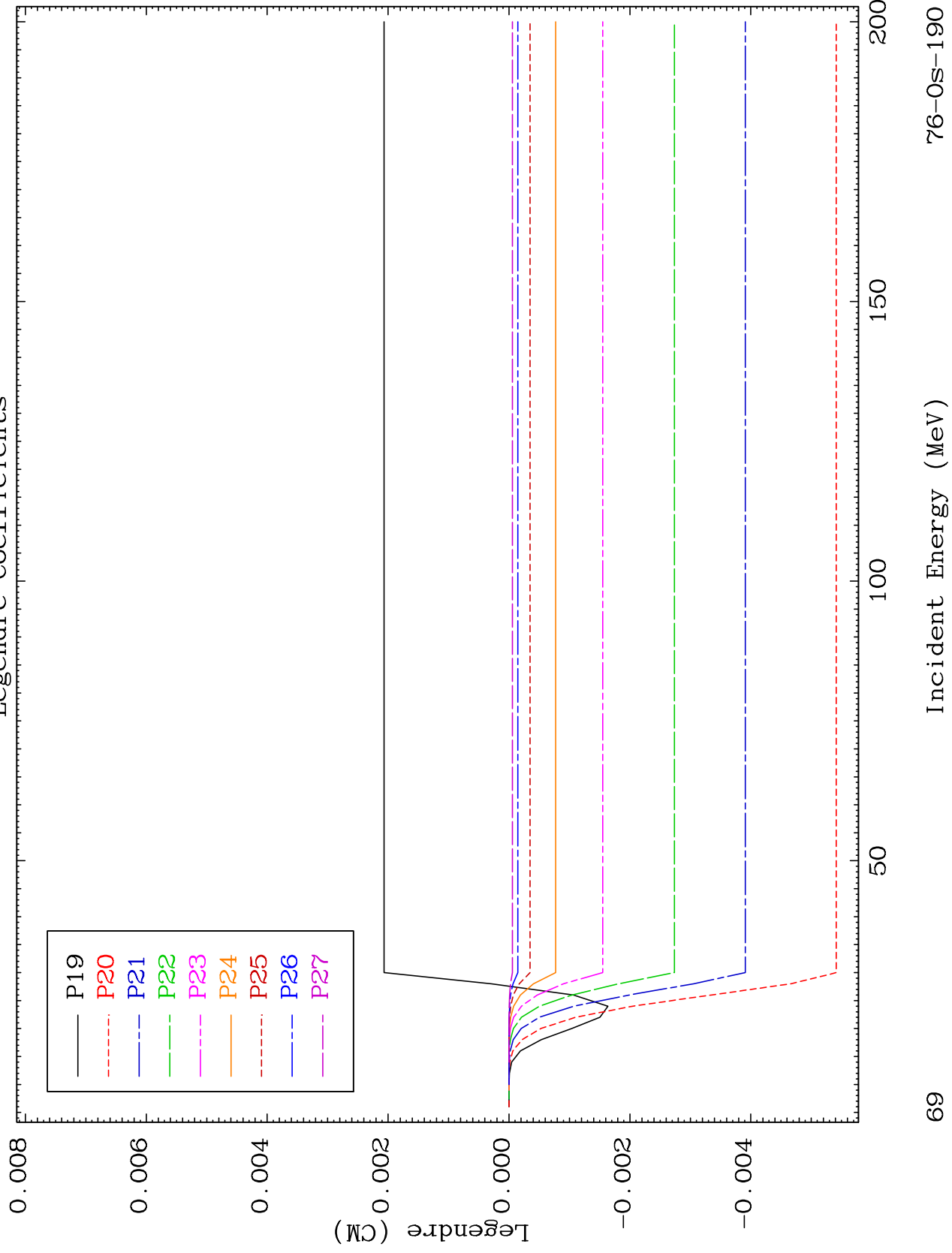
Incident Energy (MeV)

68

MAT 7643

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

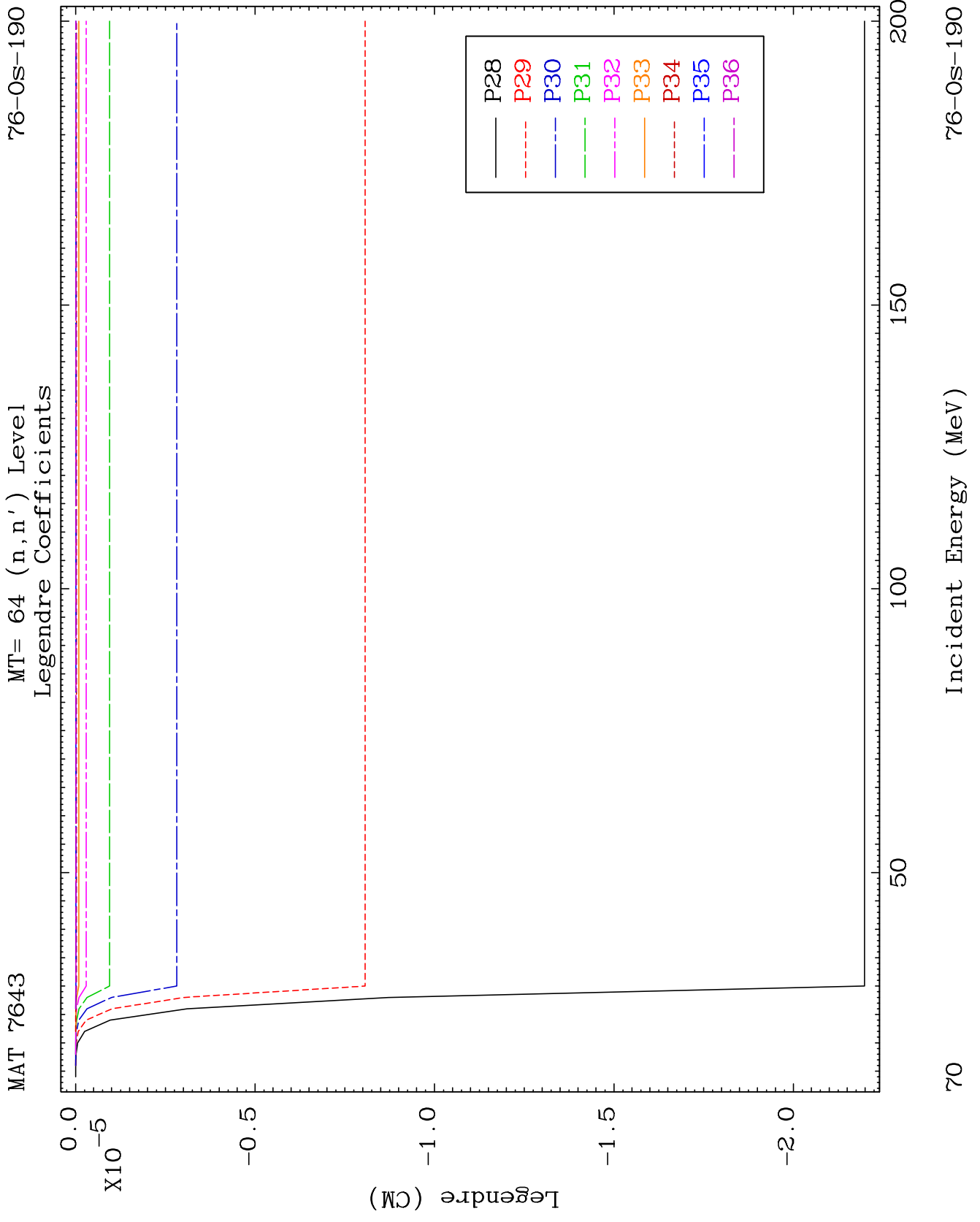
76-0s-190



69

Incident Energy (MeV)

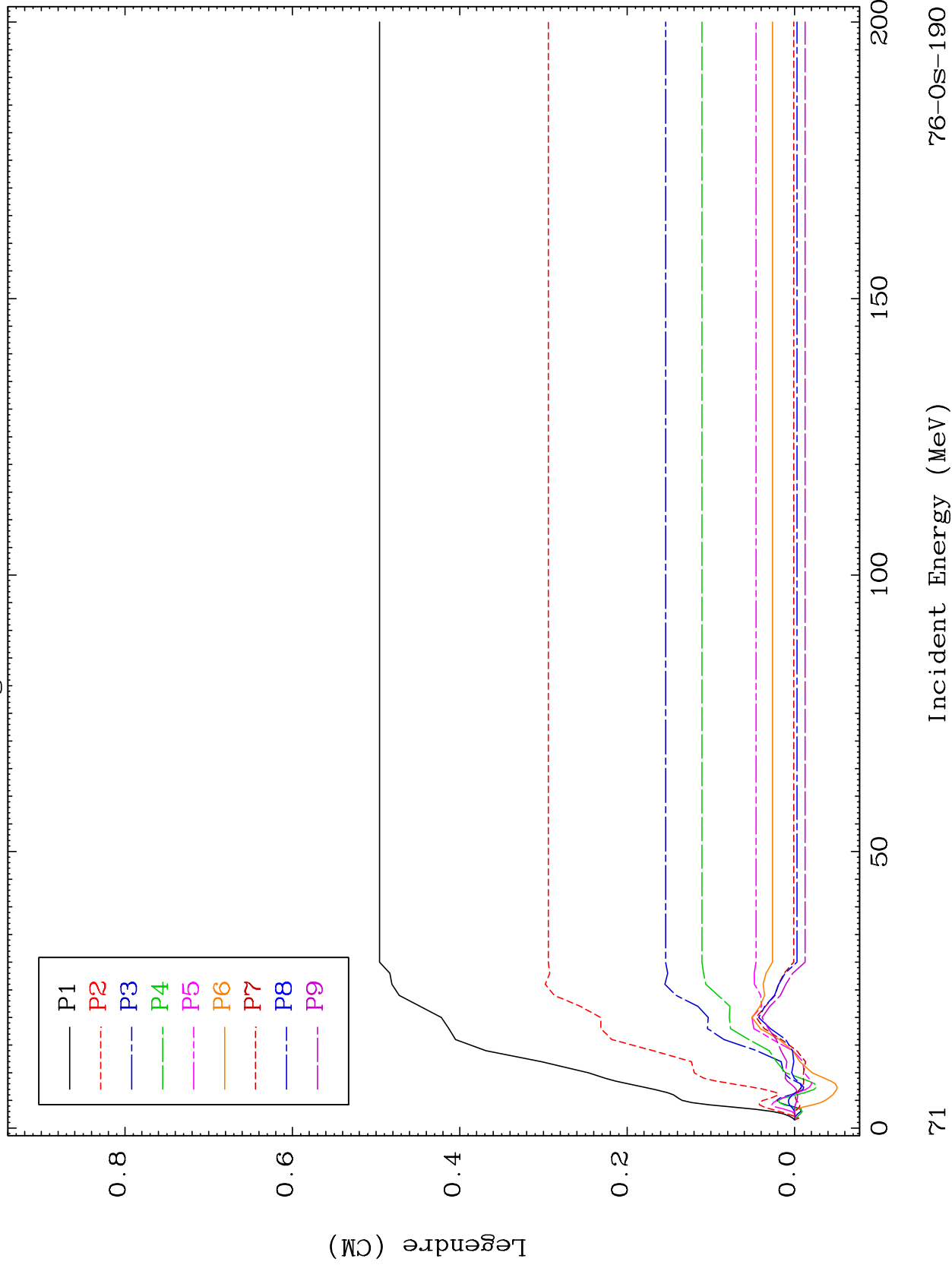
76-0s-190



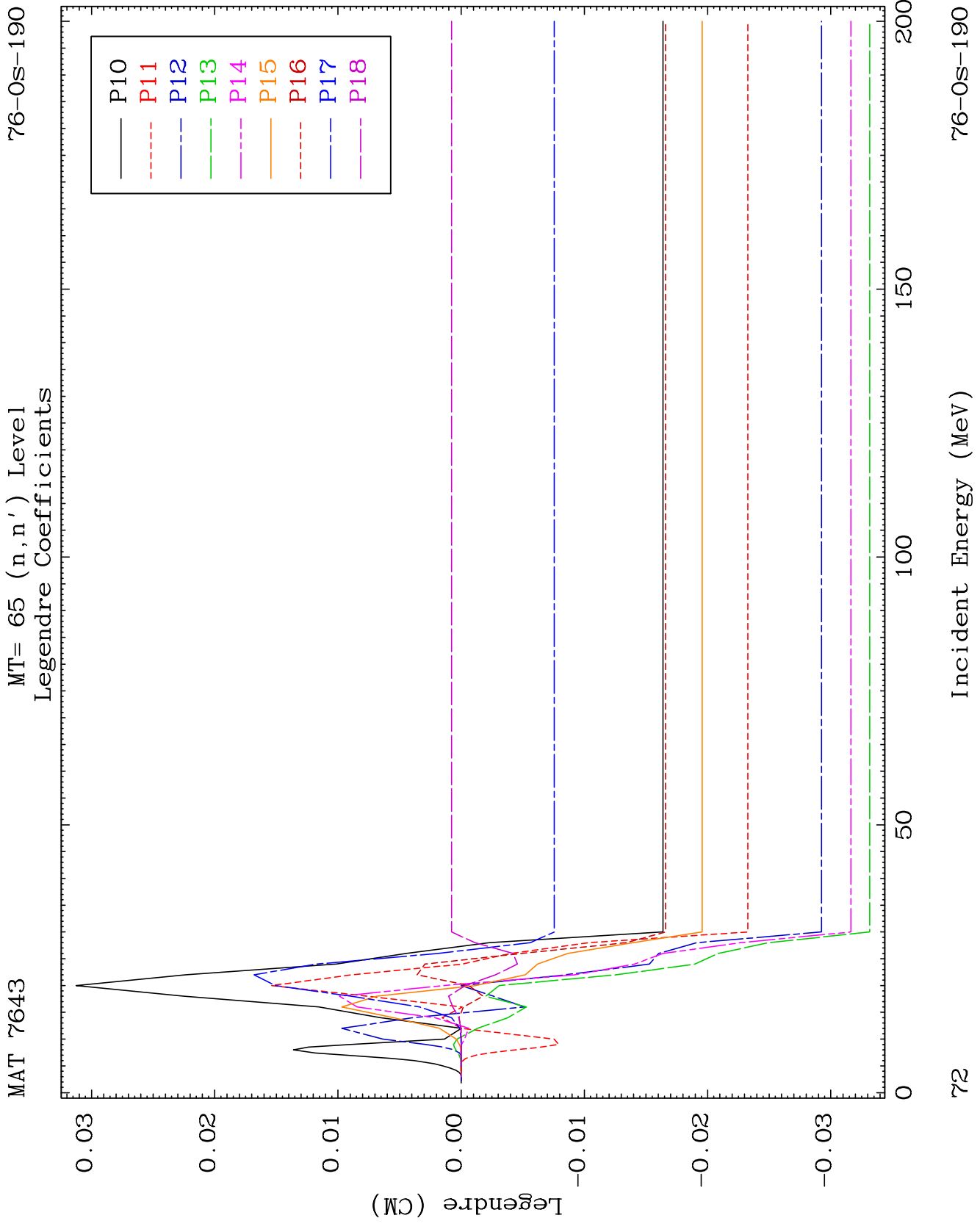
MAT 7643

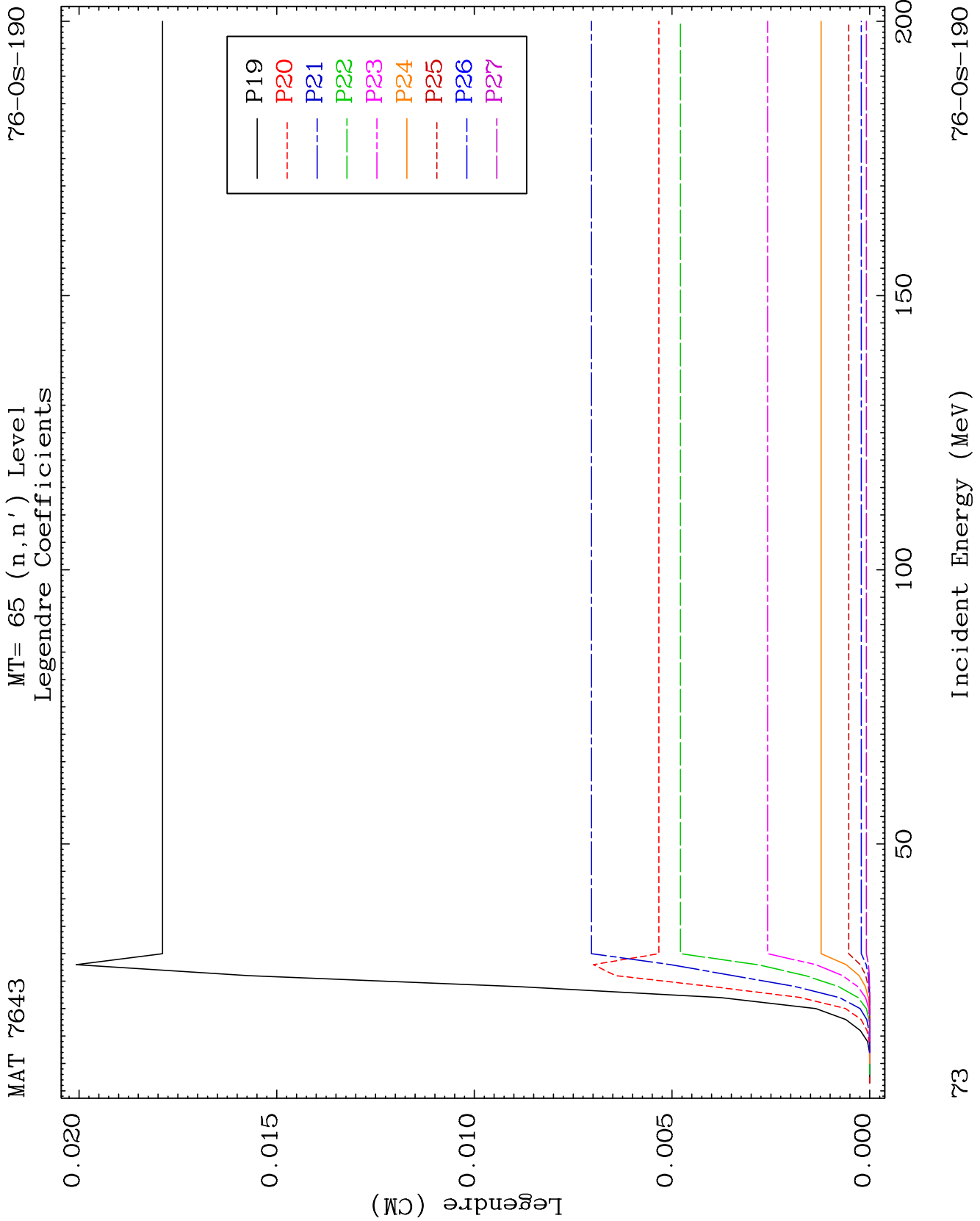
MT= 65 (n,n') Level
Legendre Coefficients

76-Os-190



71

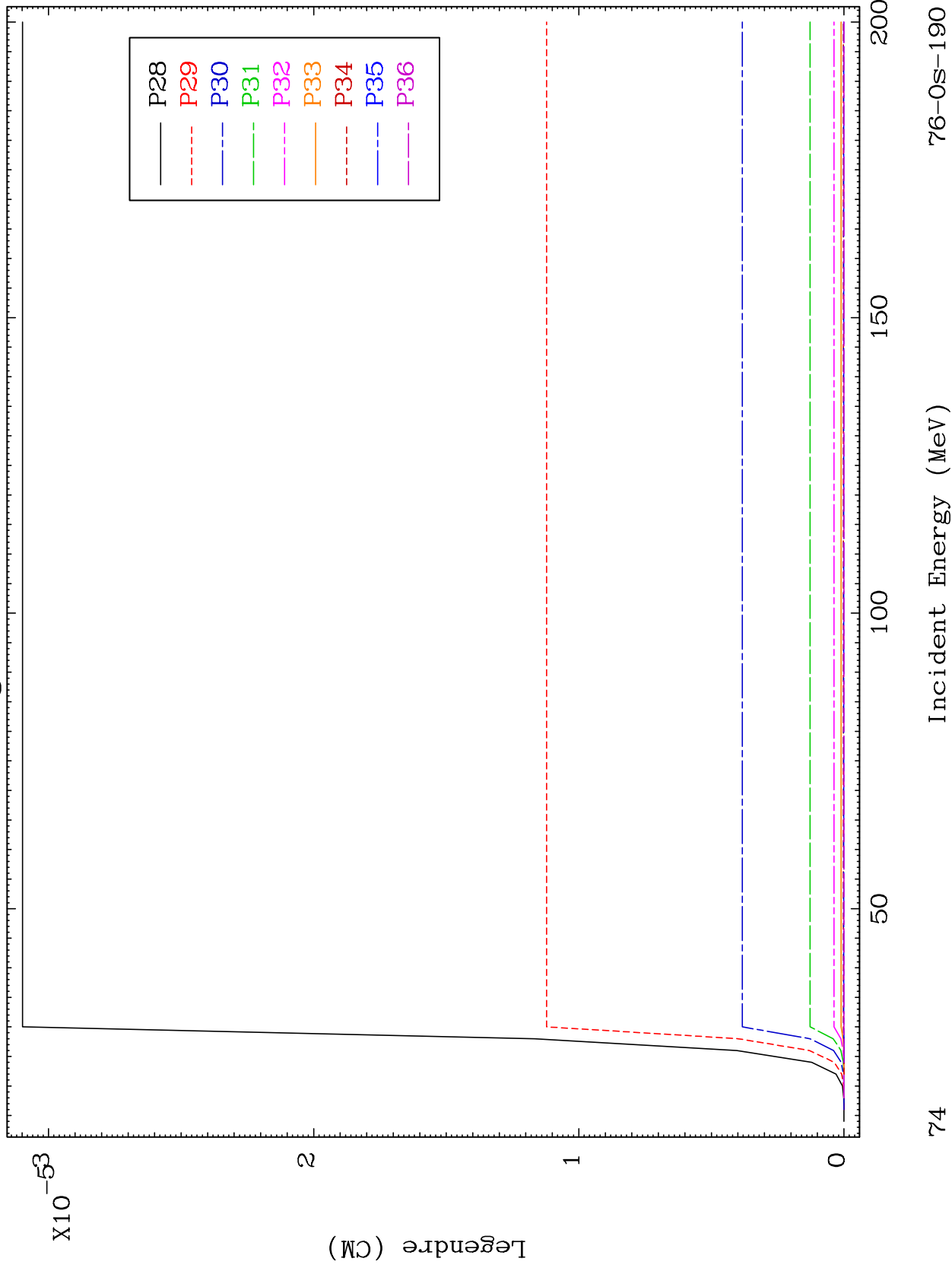




MAT 7643

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

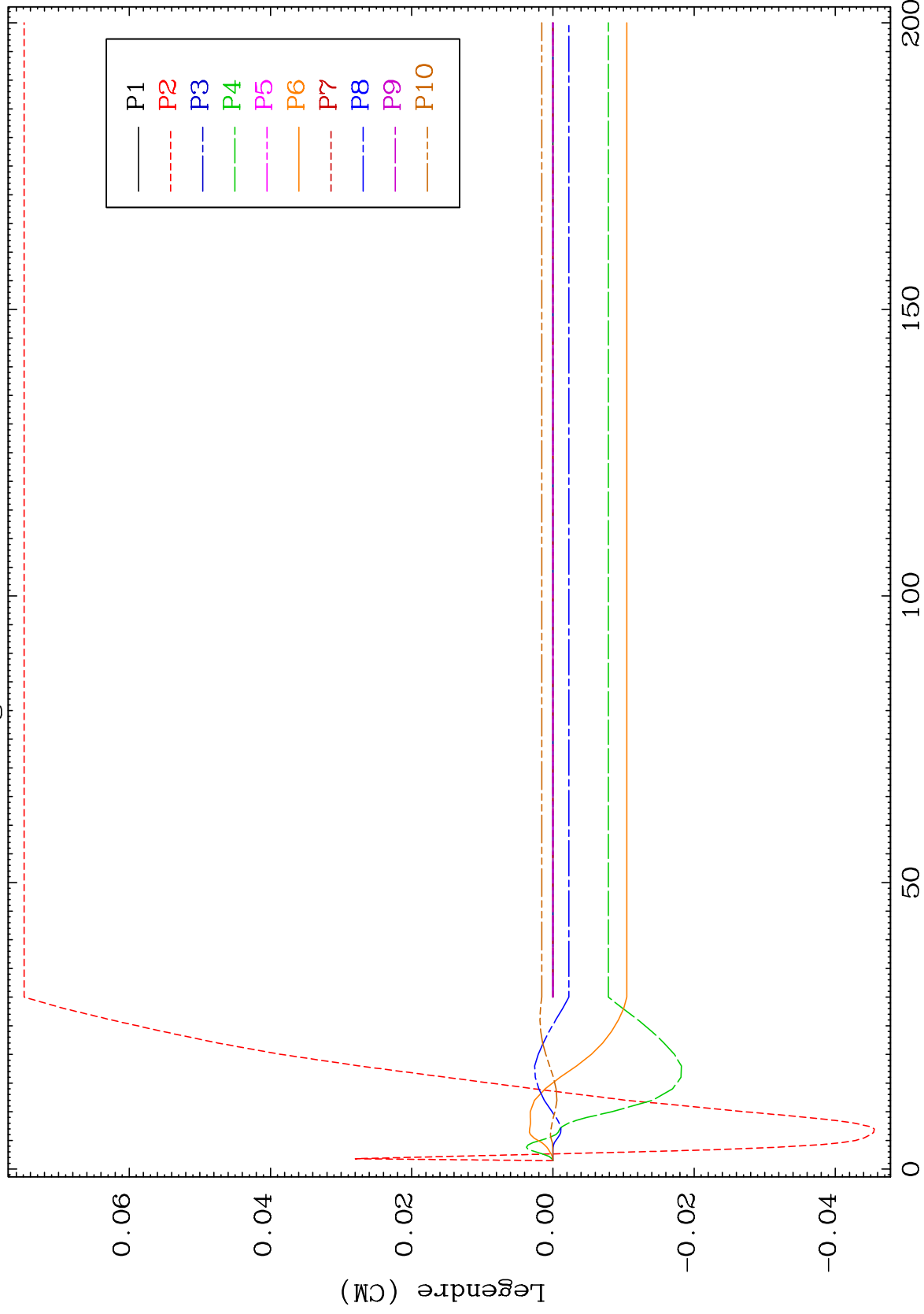
76-Os-190



MAT 7643

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

76-Os-190



75

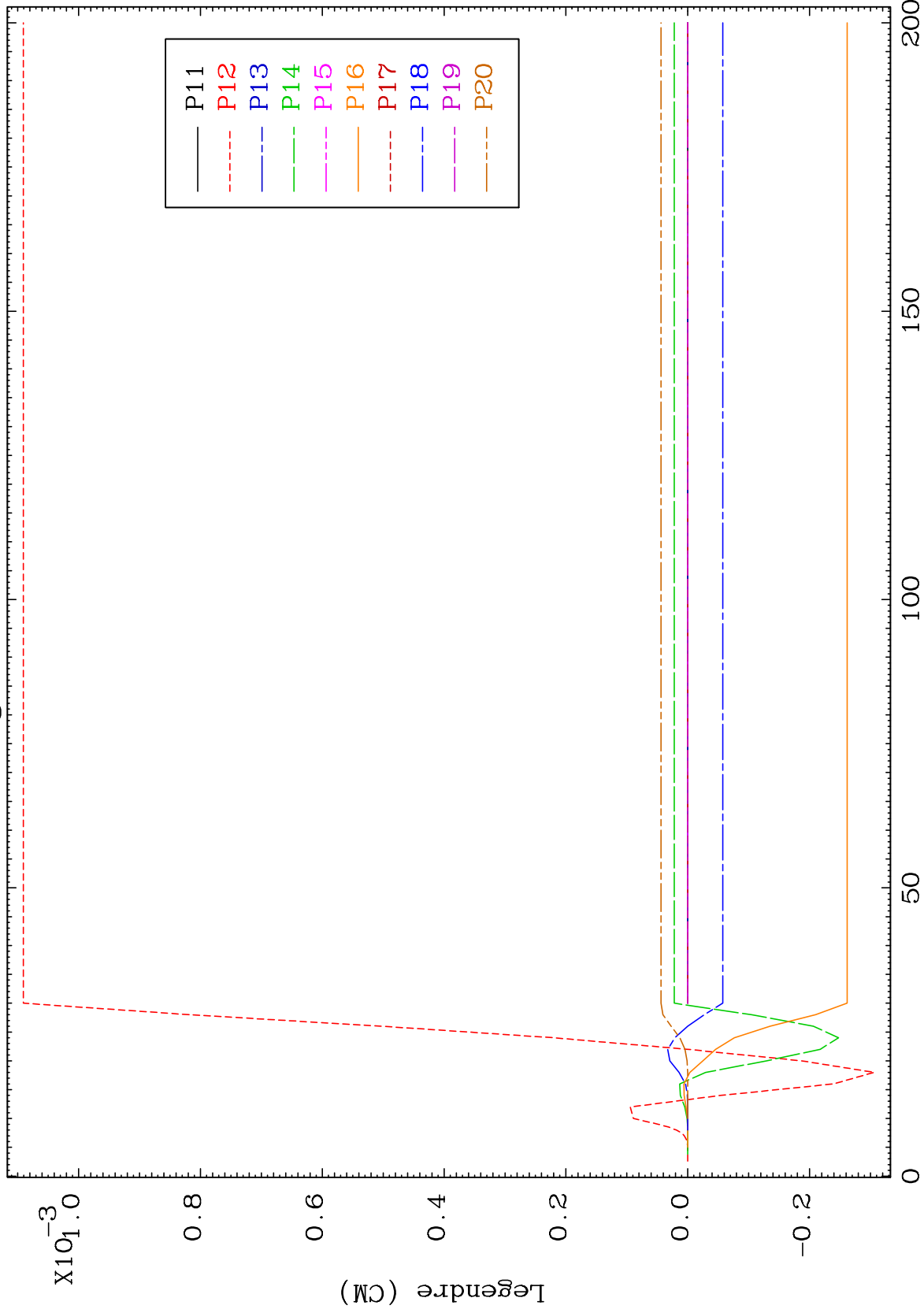
Incident Energy (MeV)

76-Os-190

MAT 7643

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

76-Os-190



76

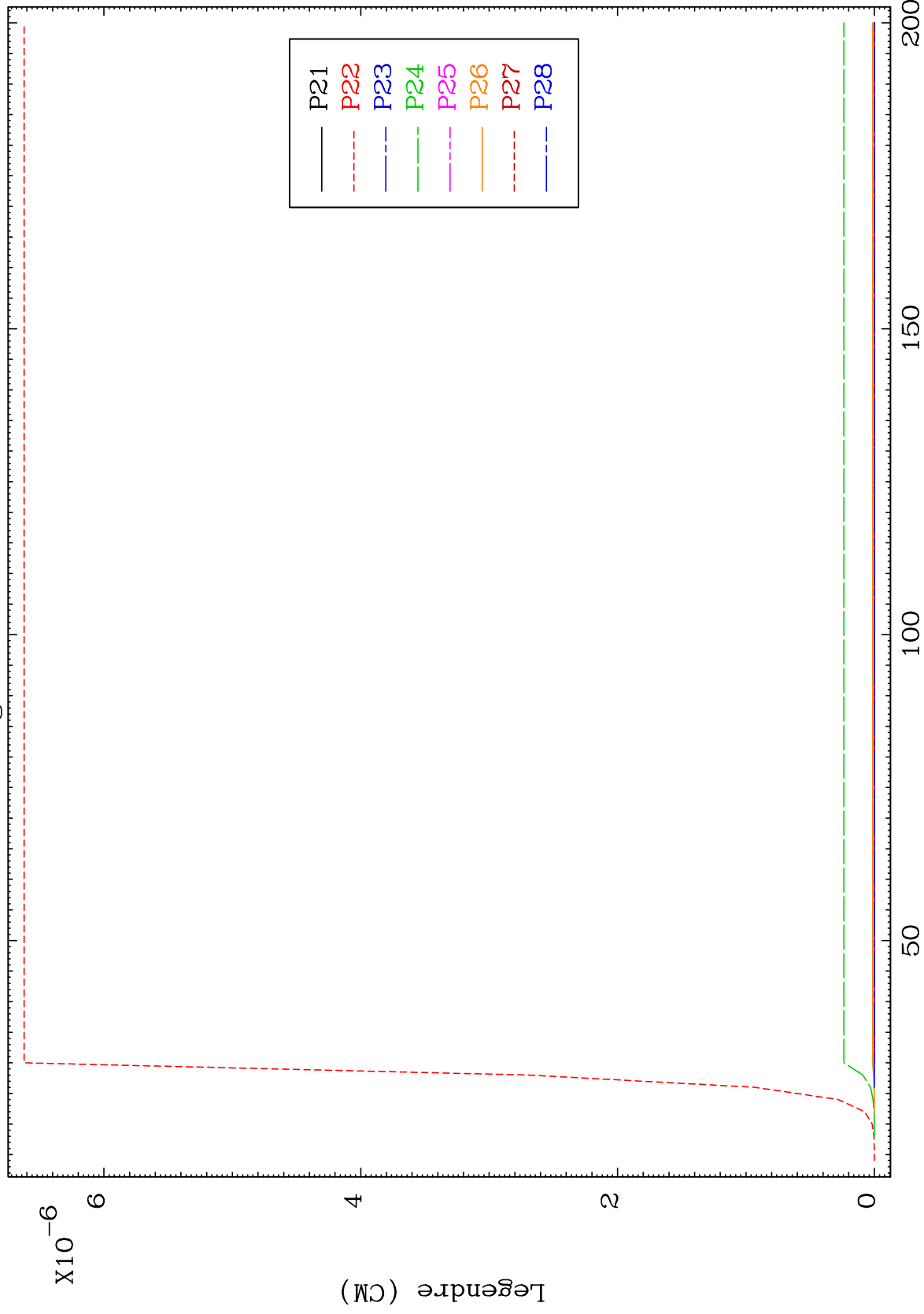
Incident Energy (MeV)

76-Os-190

MAT 7643

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

76-Os-190



77

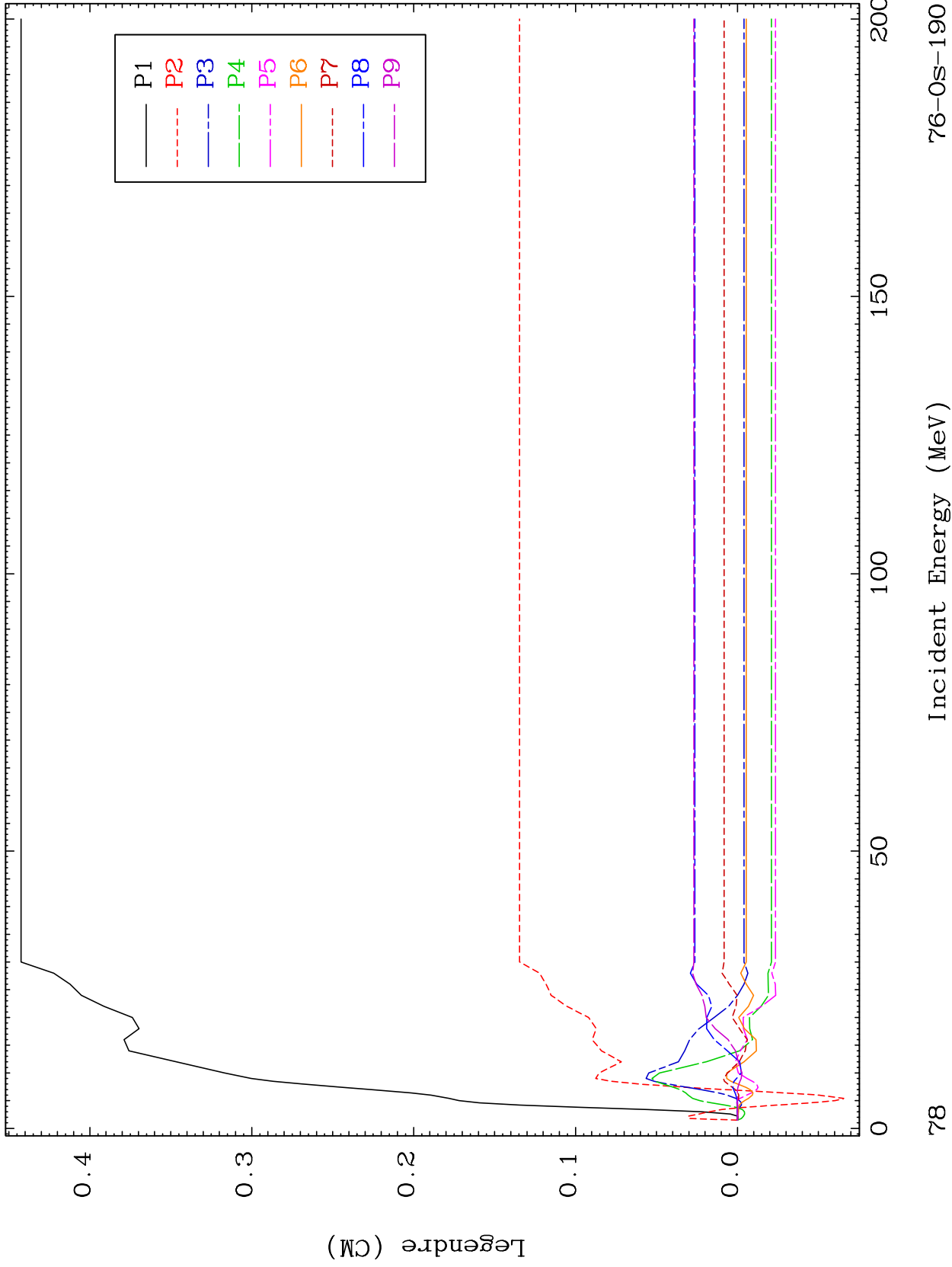
Incident Energy (MeV)

76-Os-190

MAT 7643

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

76-Os-190



78

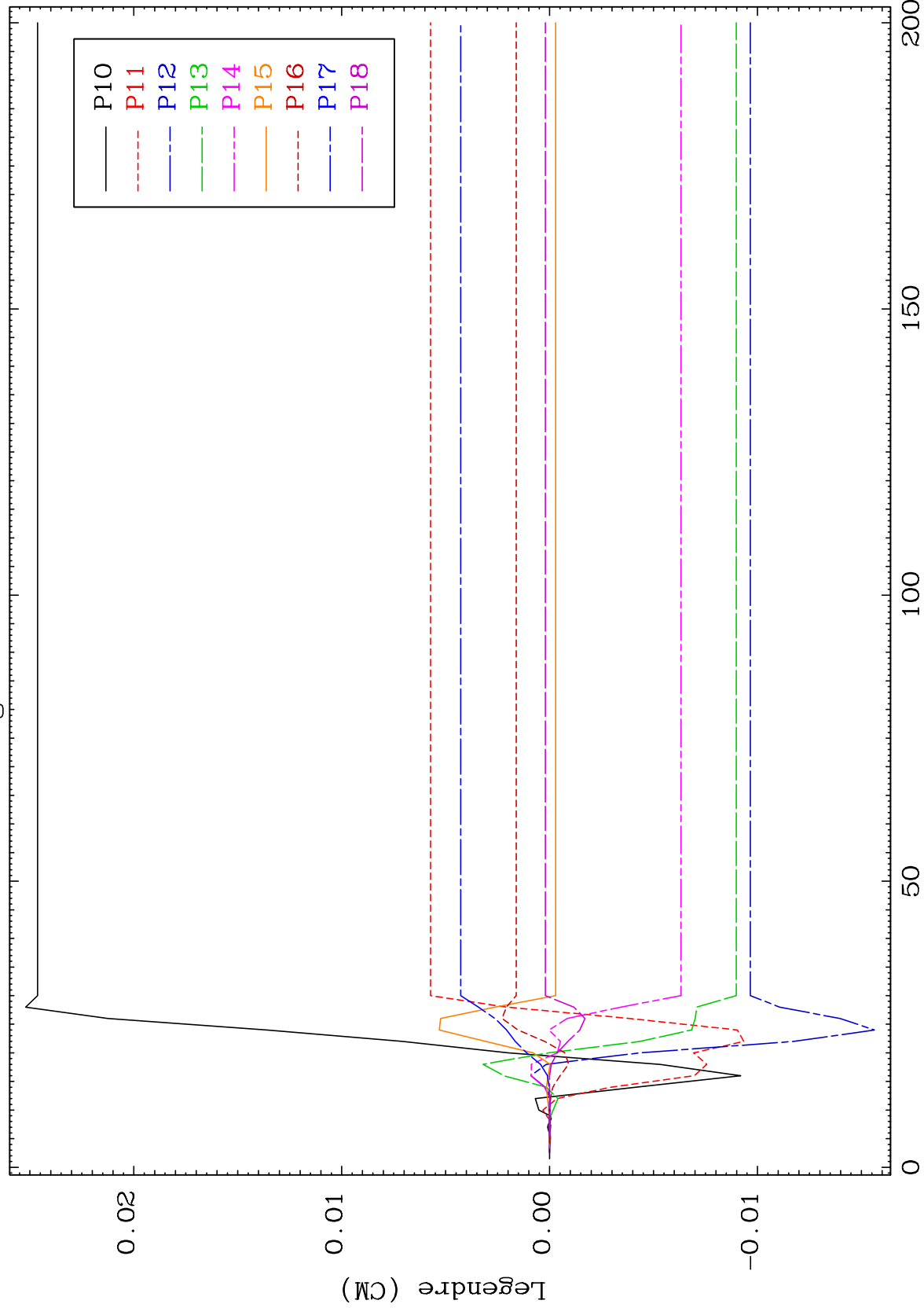
Incident Energy (MeV)

76-Os-190

MAT 7643

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

76-Os-190



79

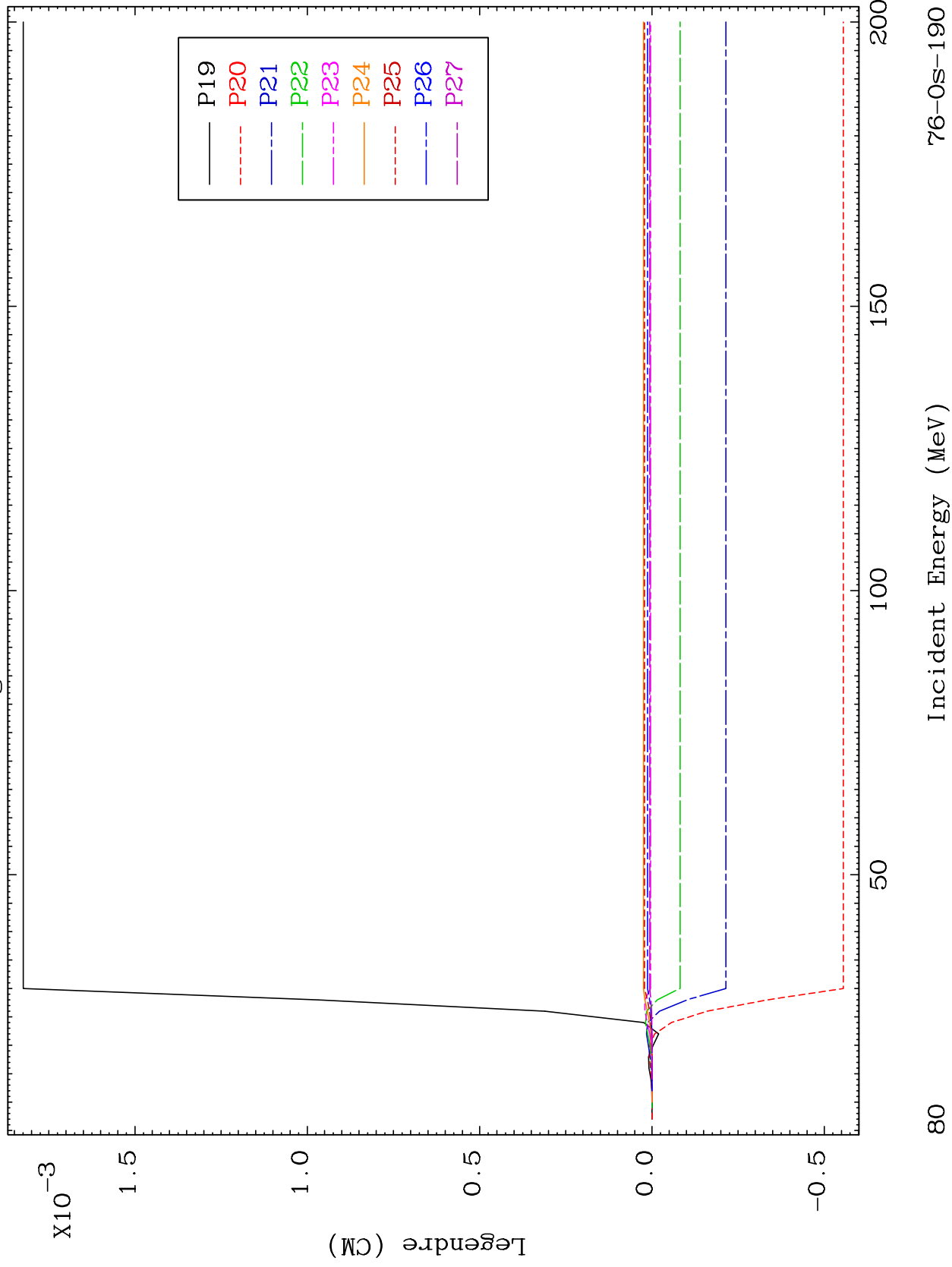
Incident Energy (MeV)

76-Os-190

MAT 7643

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

76-Os-190



80

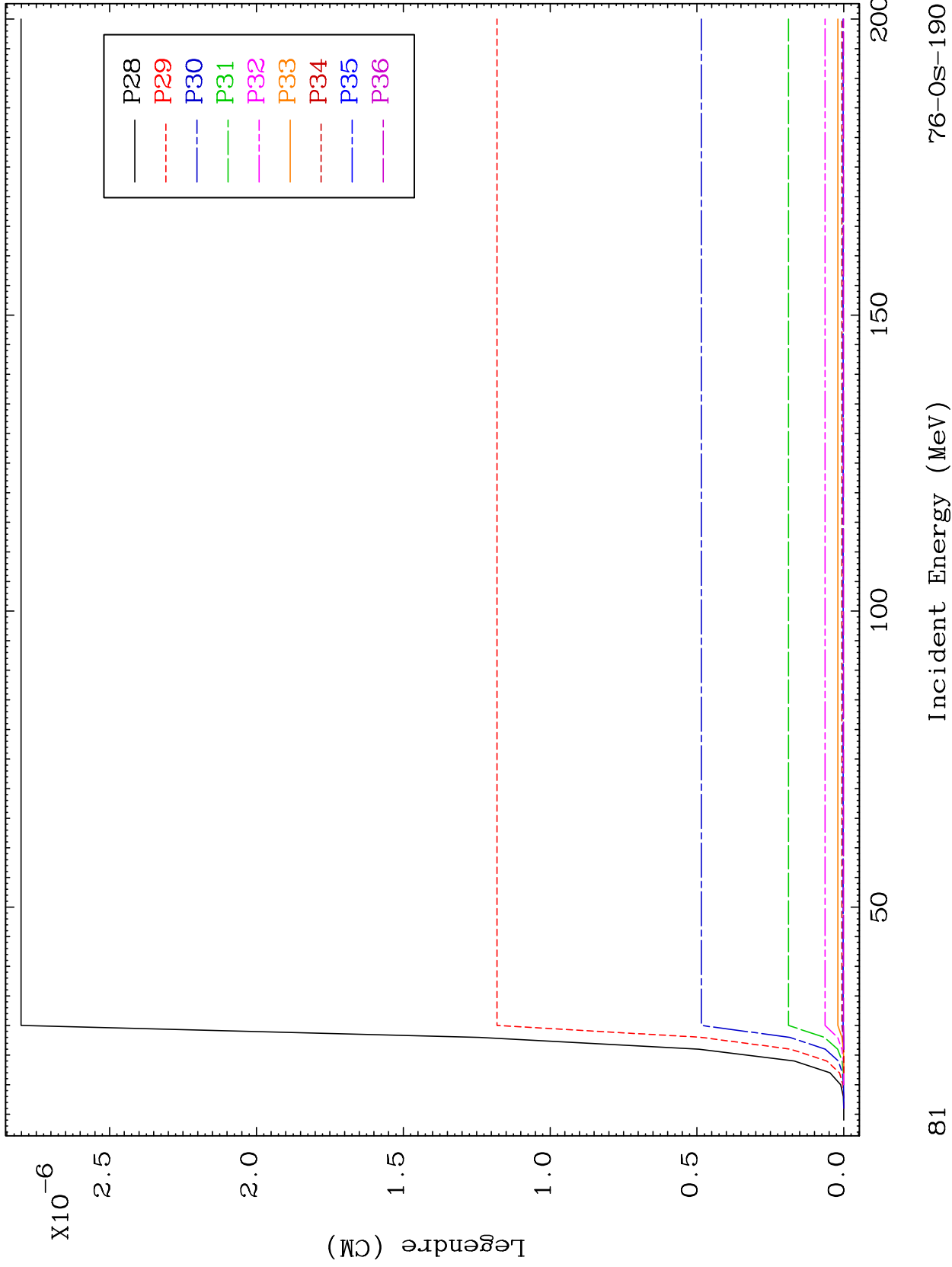
Incident Energy (MeV)

76-Os-190

MAT 7643

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

76-Os-190



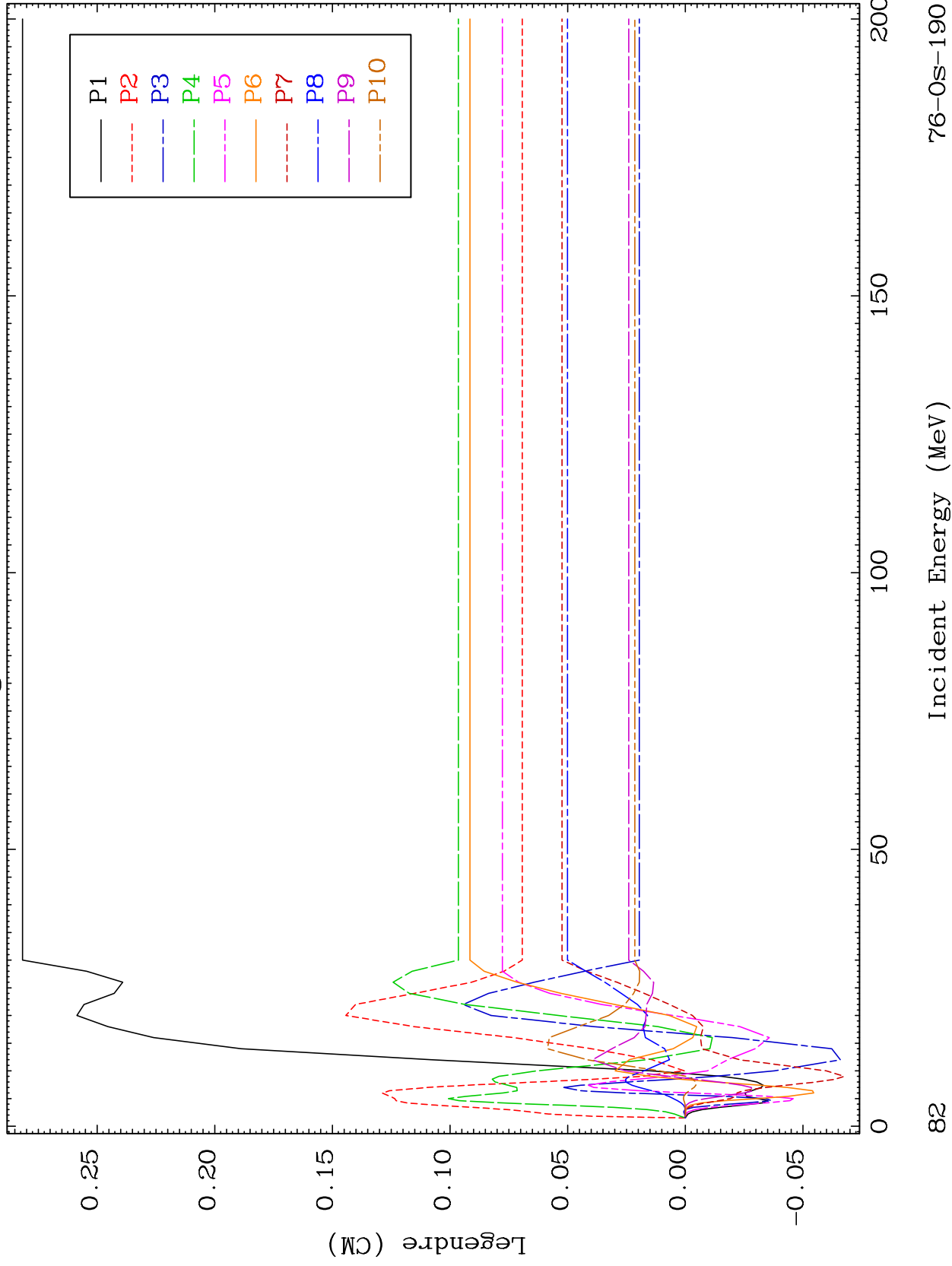
81

76-Os-190

MAT 7643

MT= 68 (n,n') Level
Legendre Coefficients

76-Os-190



76-Os-190

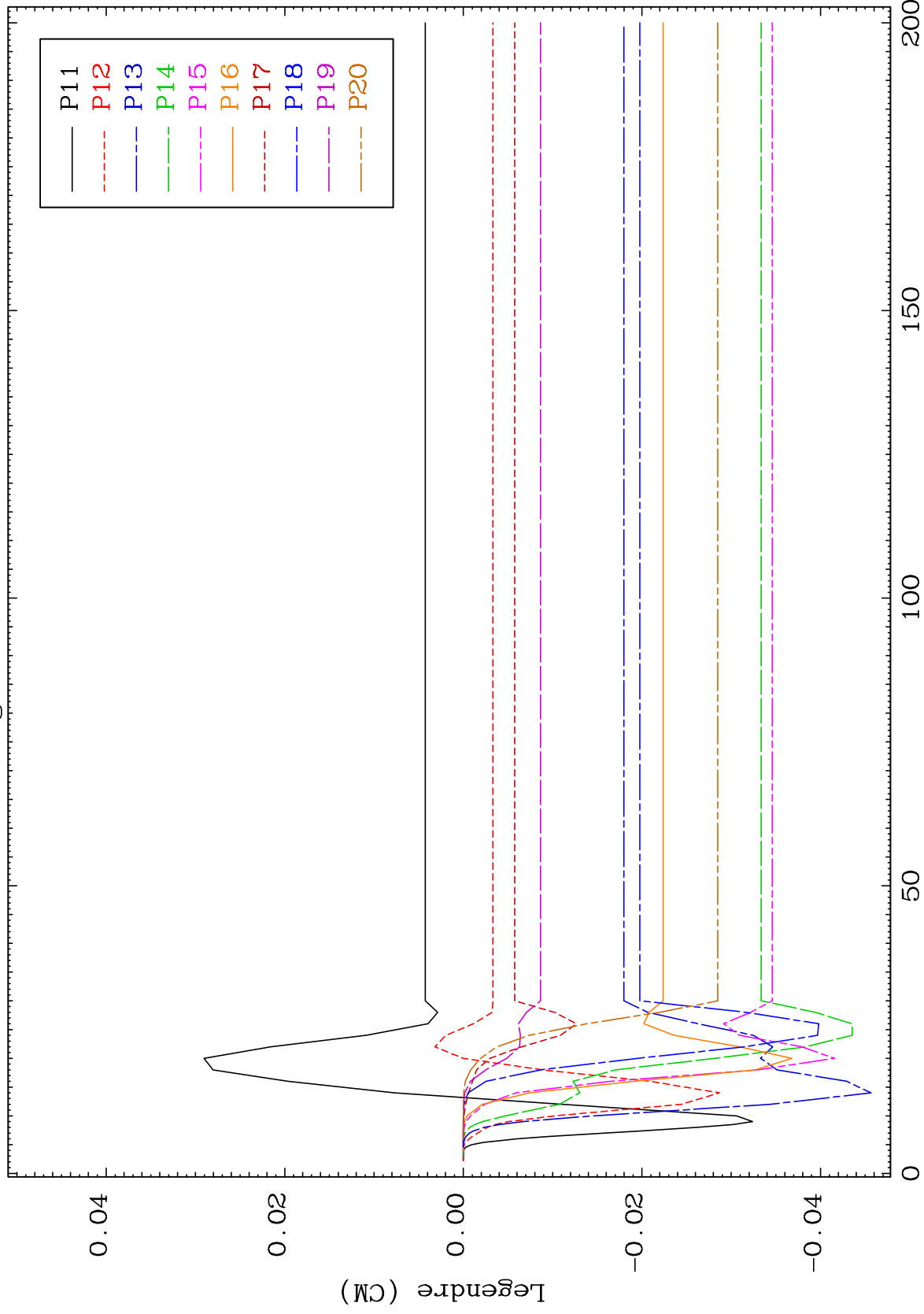
Incident Energy (MeV)

82

MAT 7643

MT= 68 (n,n') Level
Legendre Coefficients

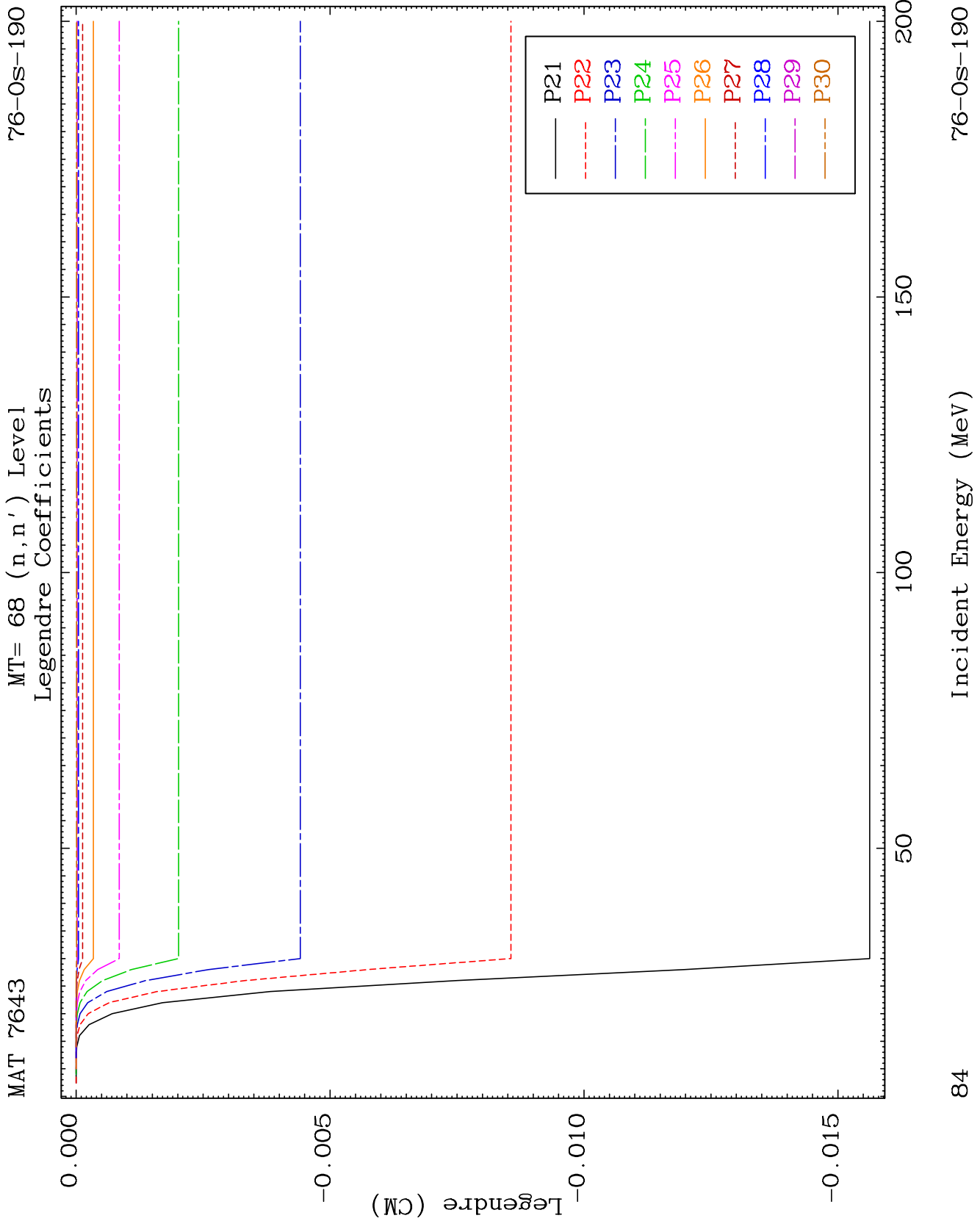
76-Os-190

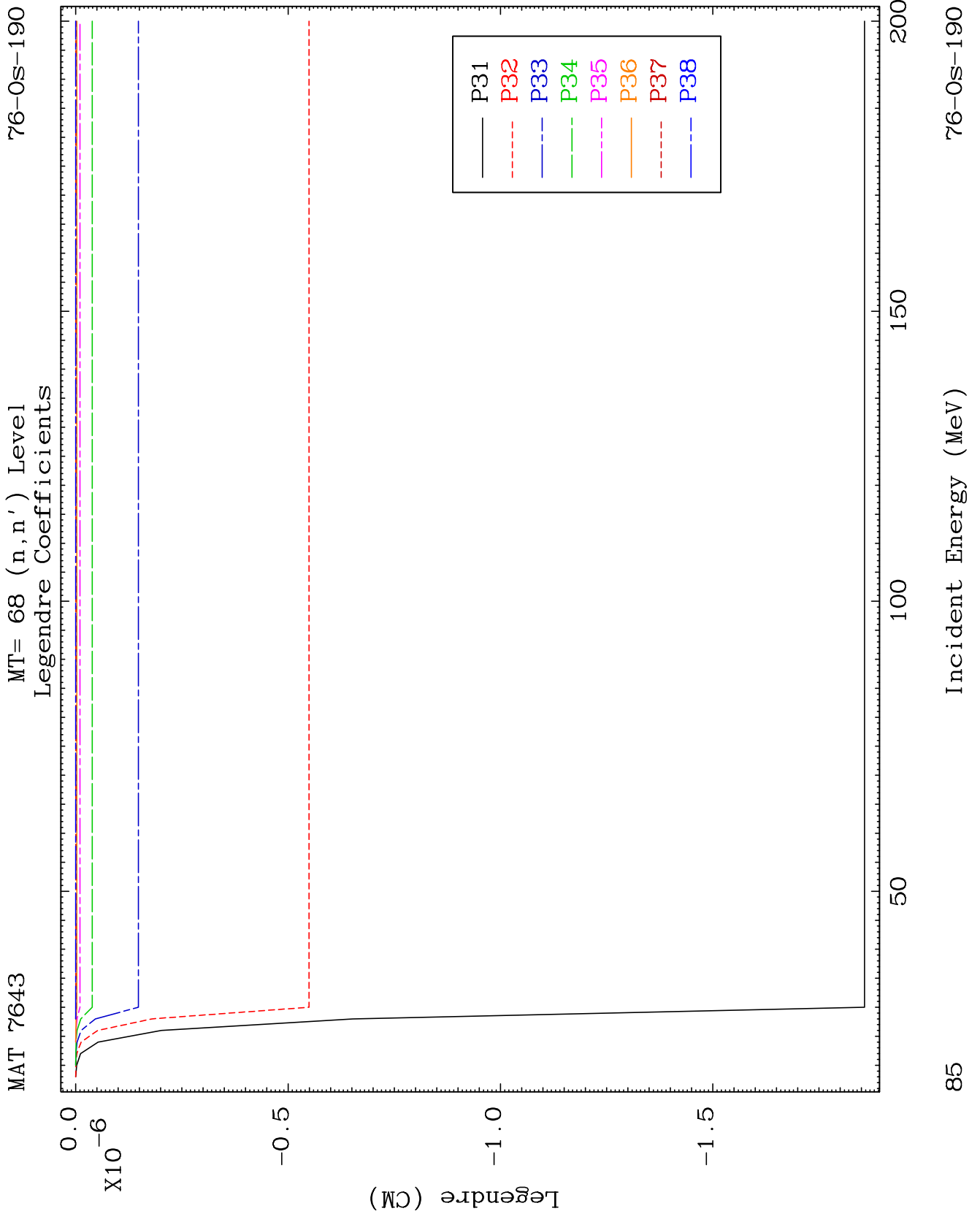


83

Incident Energy (MeV)

76-Os-190

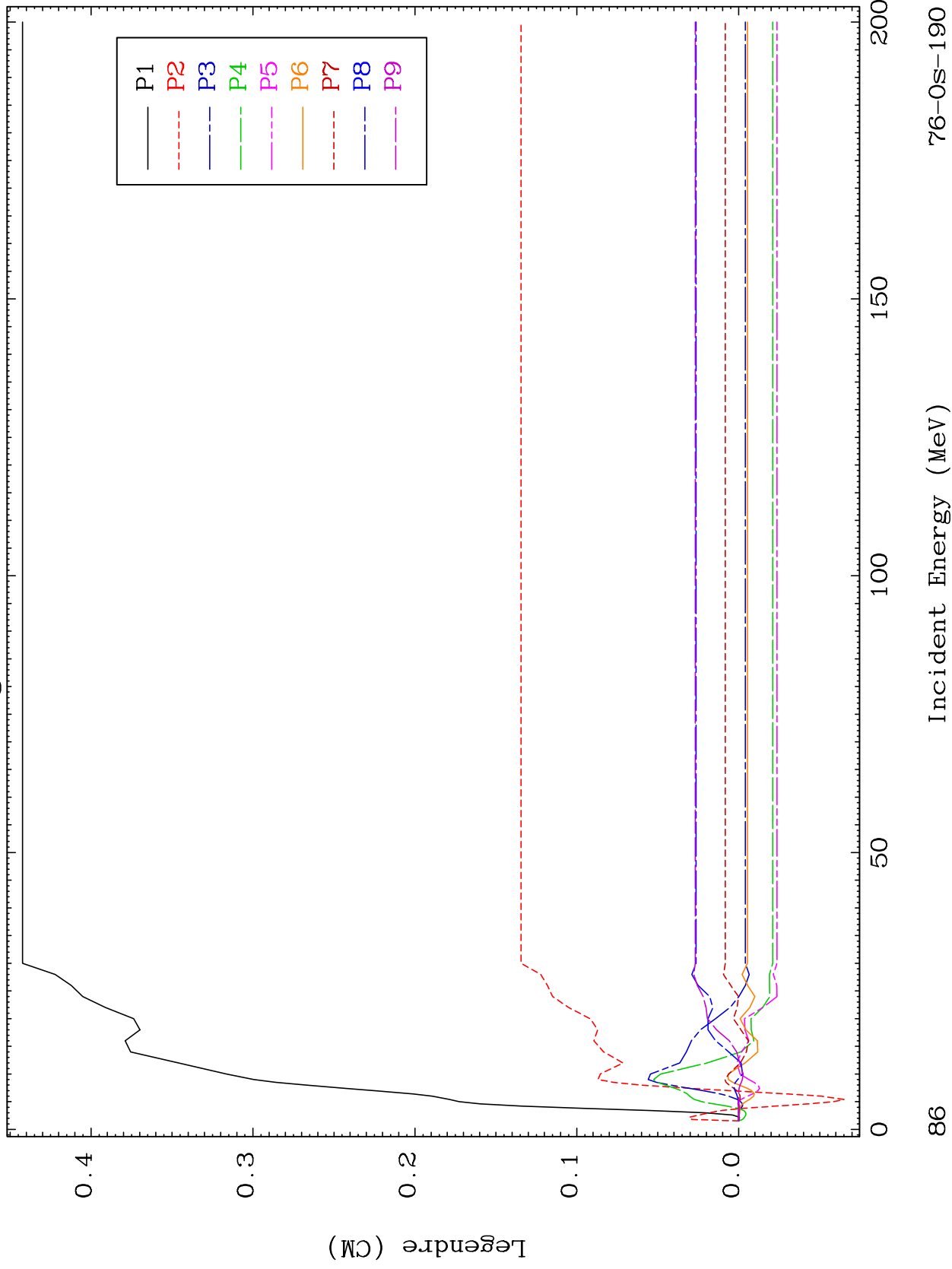




MAT 7643

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

76-Os-190



76-Os-190

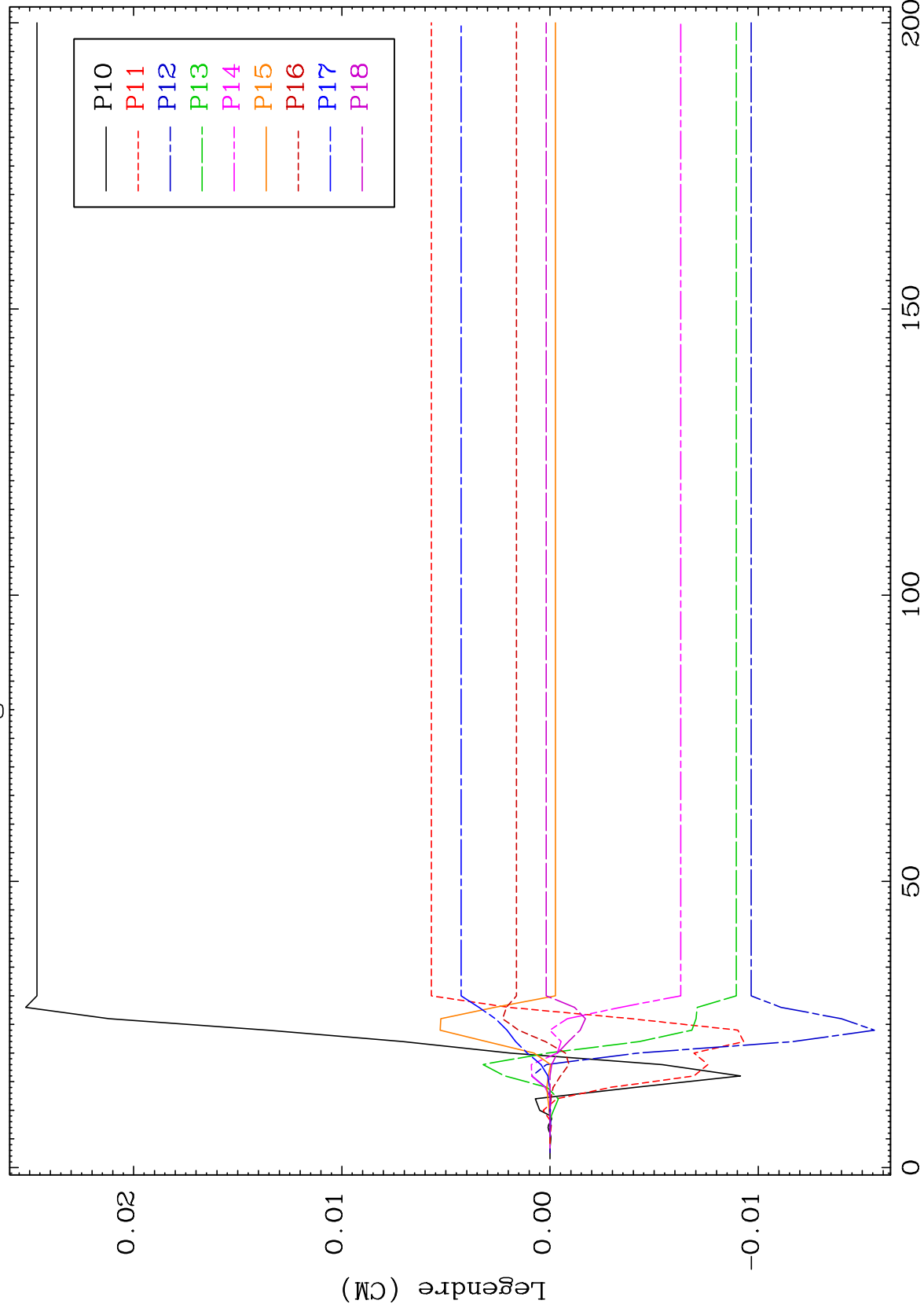
Incident Energy (MeV)

86

MAT 7643

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

76-Os-190



87

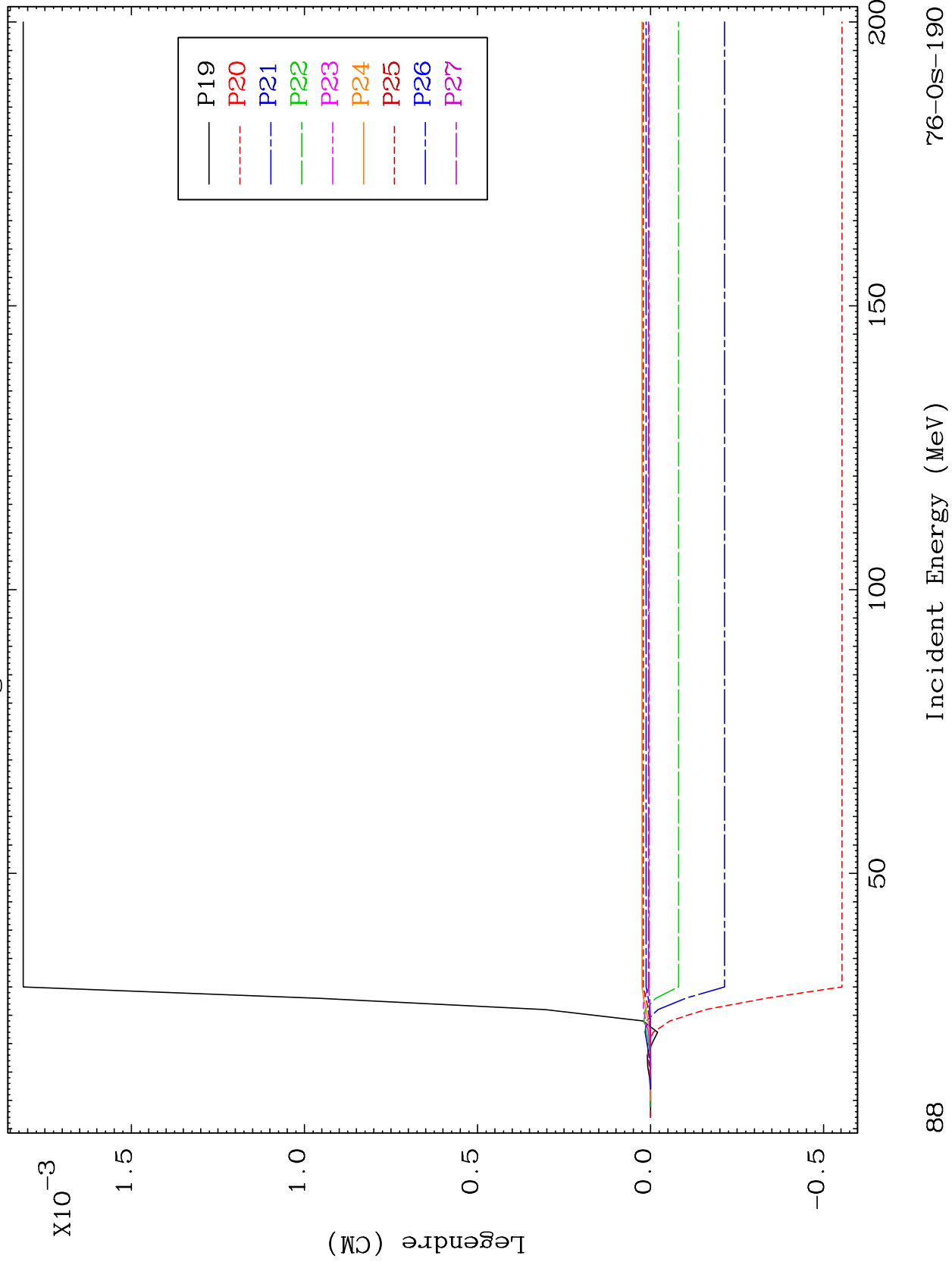
Incident Energy (MeV)

76-Os-190

MAT 7643

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

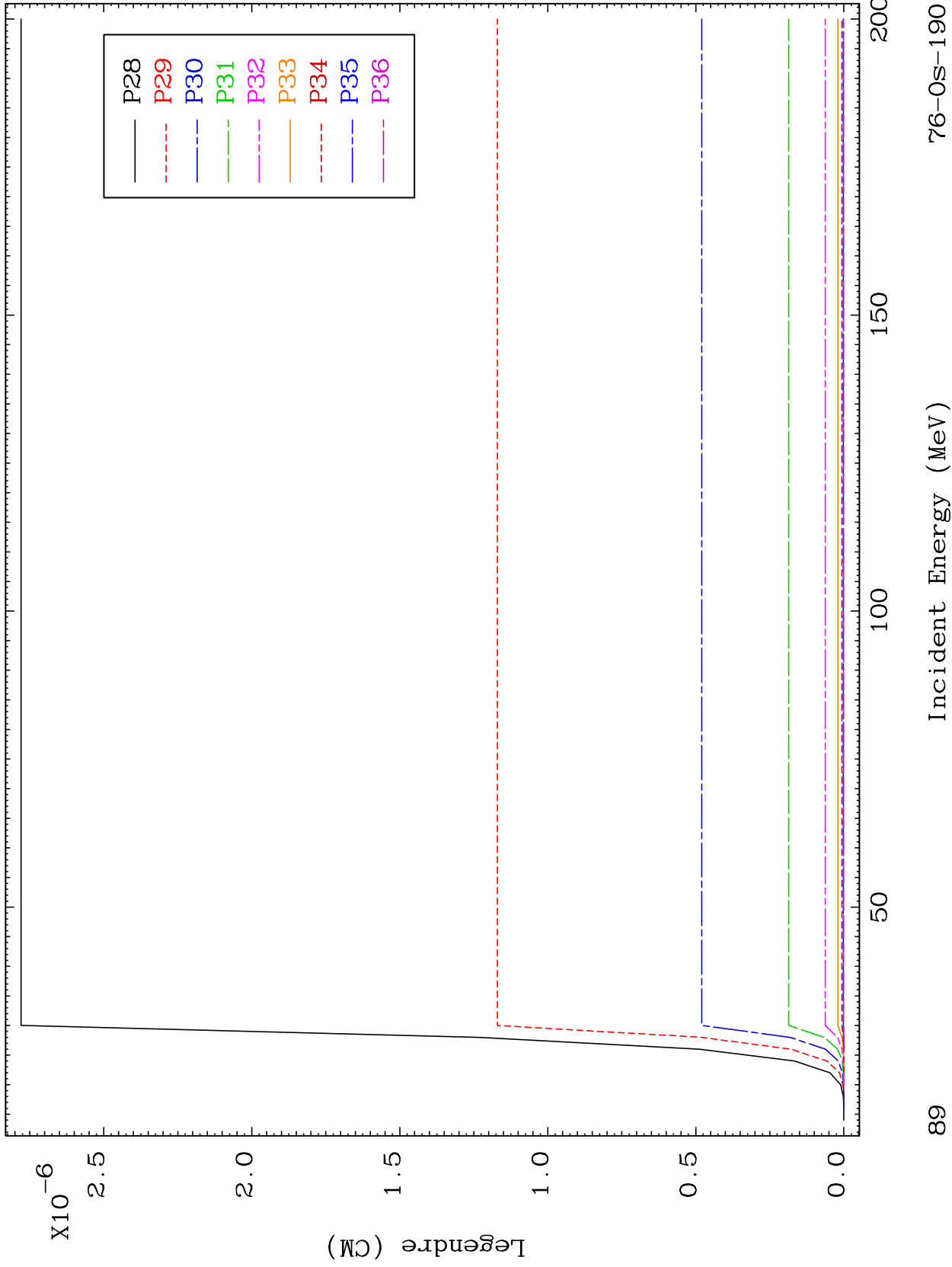
76-Os-190



MAT 7643

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

76-Os-190



89

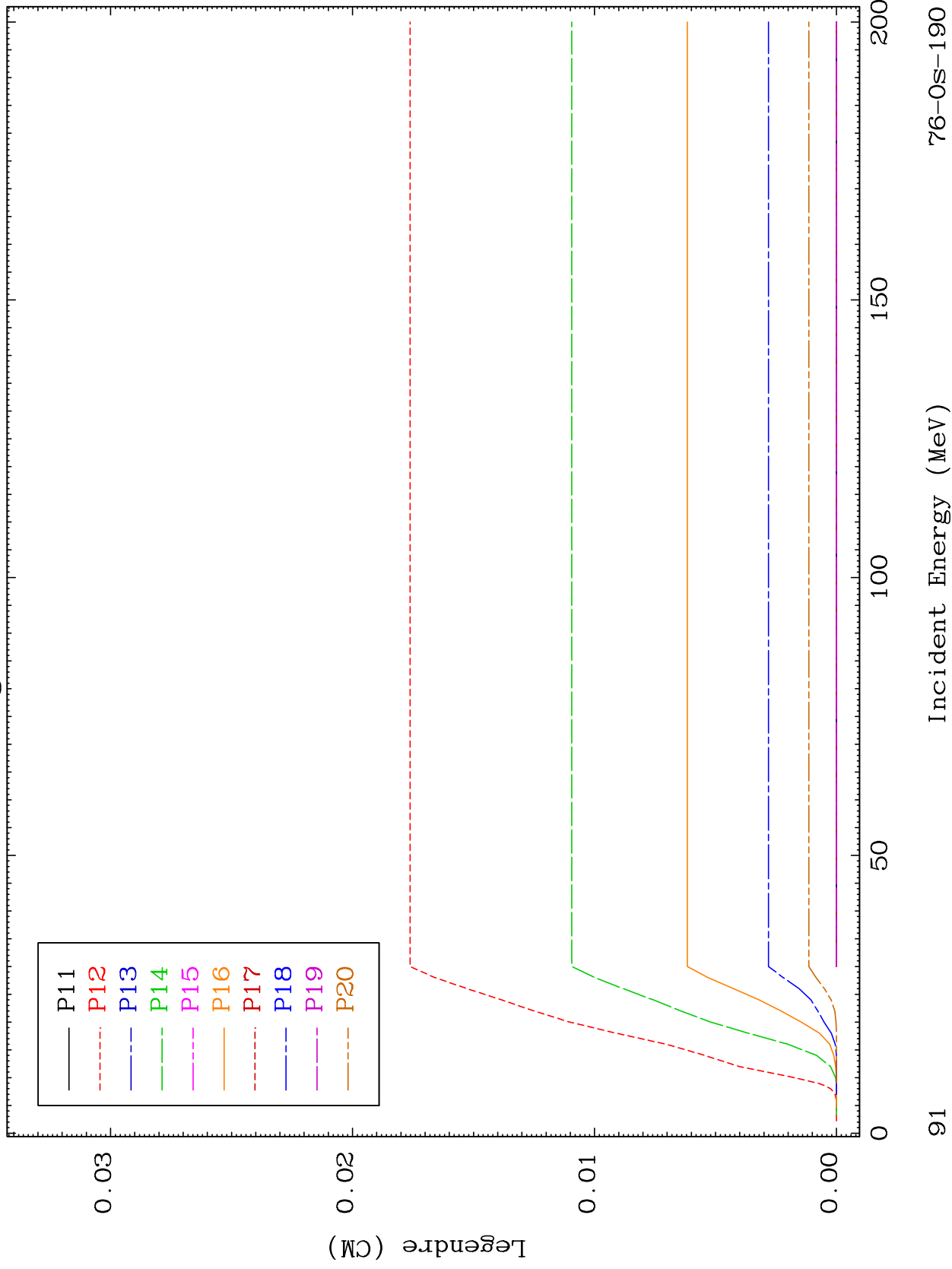
Incident Energy (MeV)

76-Os-190

MAT 7643

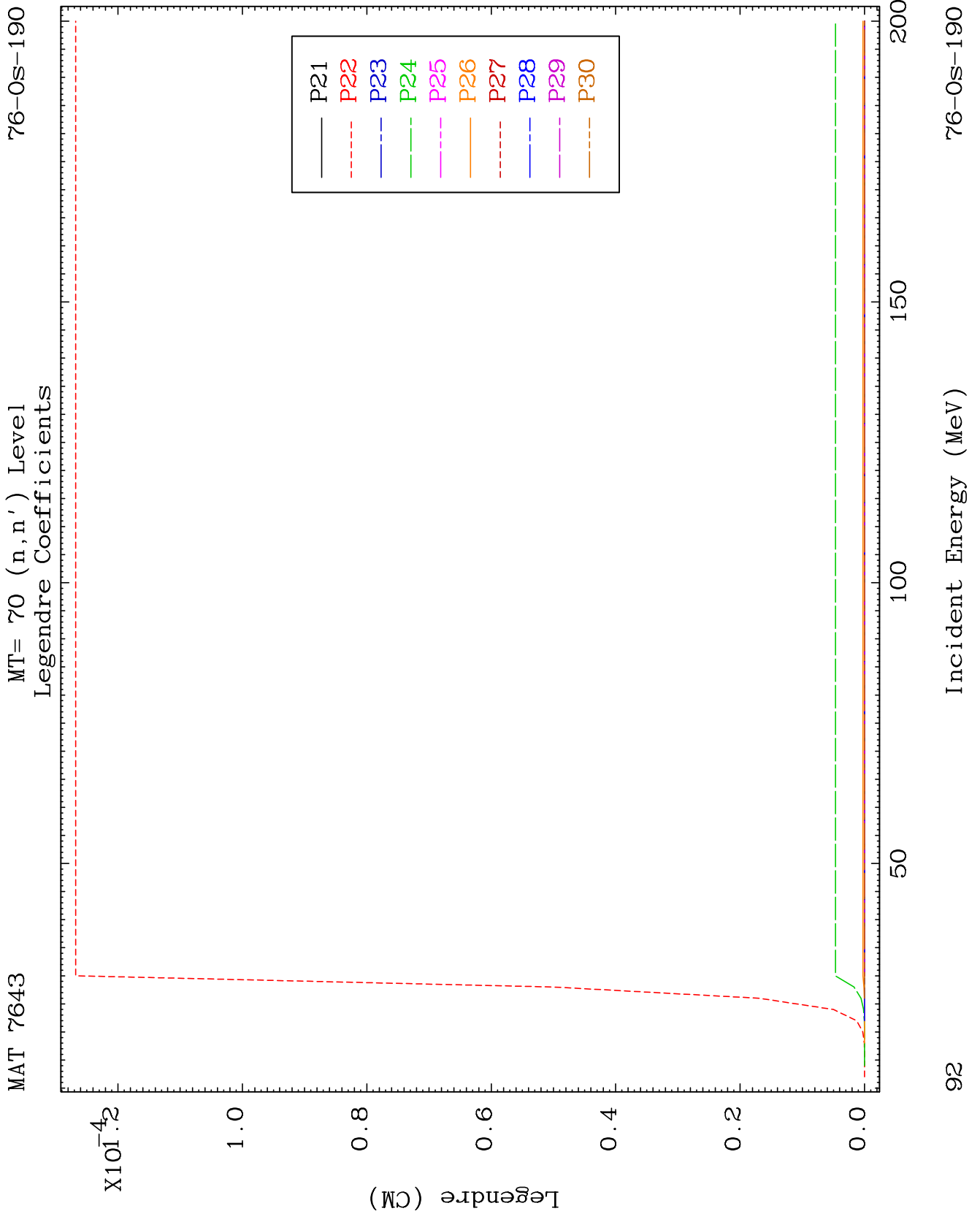
MT= 70 (n,n') Level
Legendre Coefficients

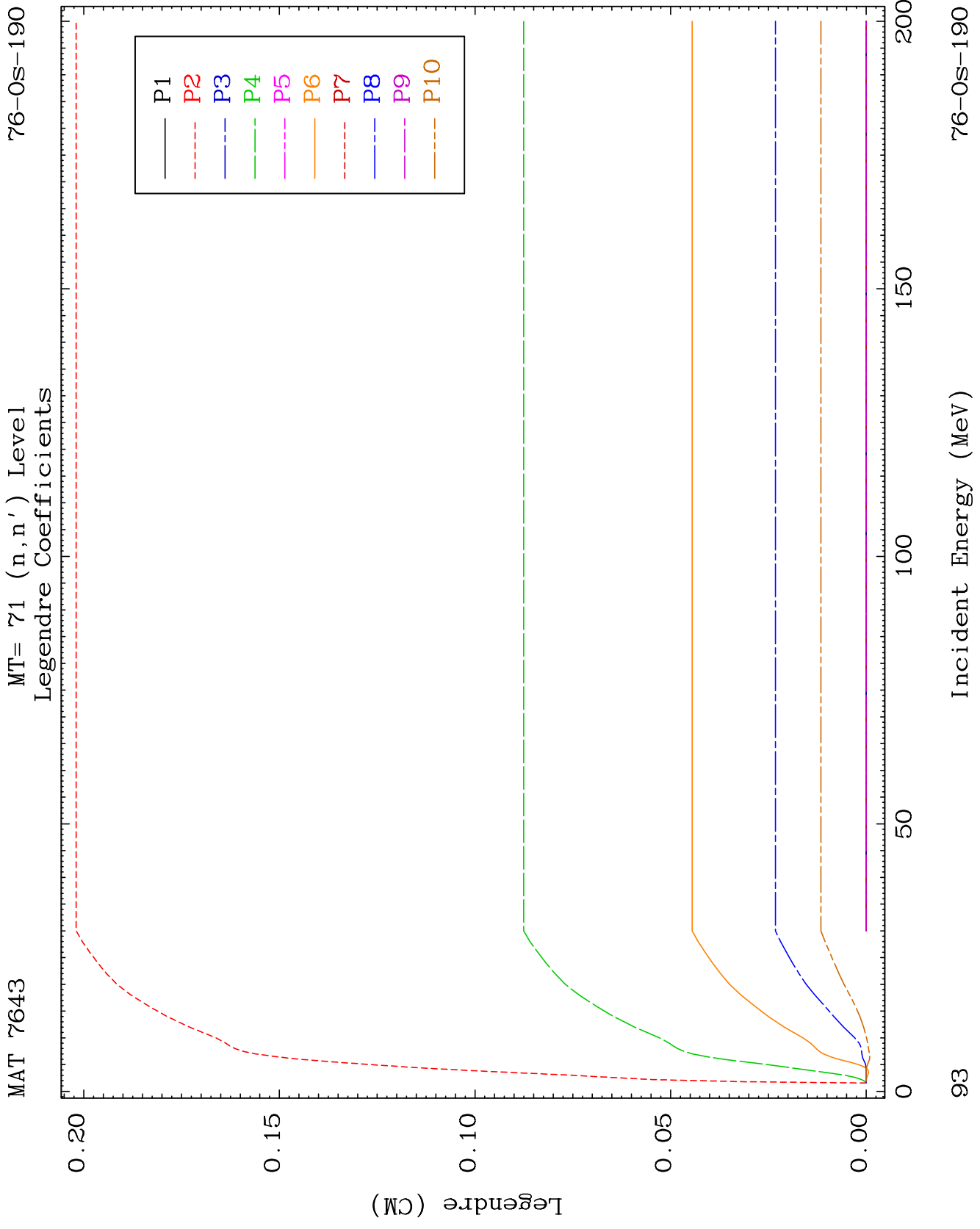
76-Os-190

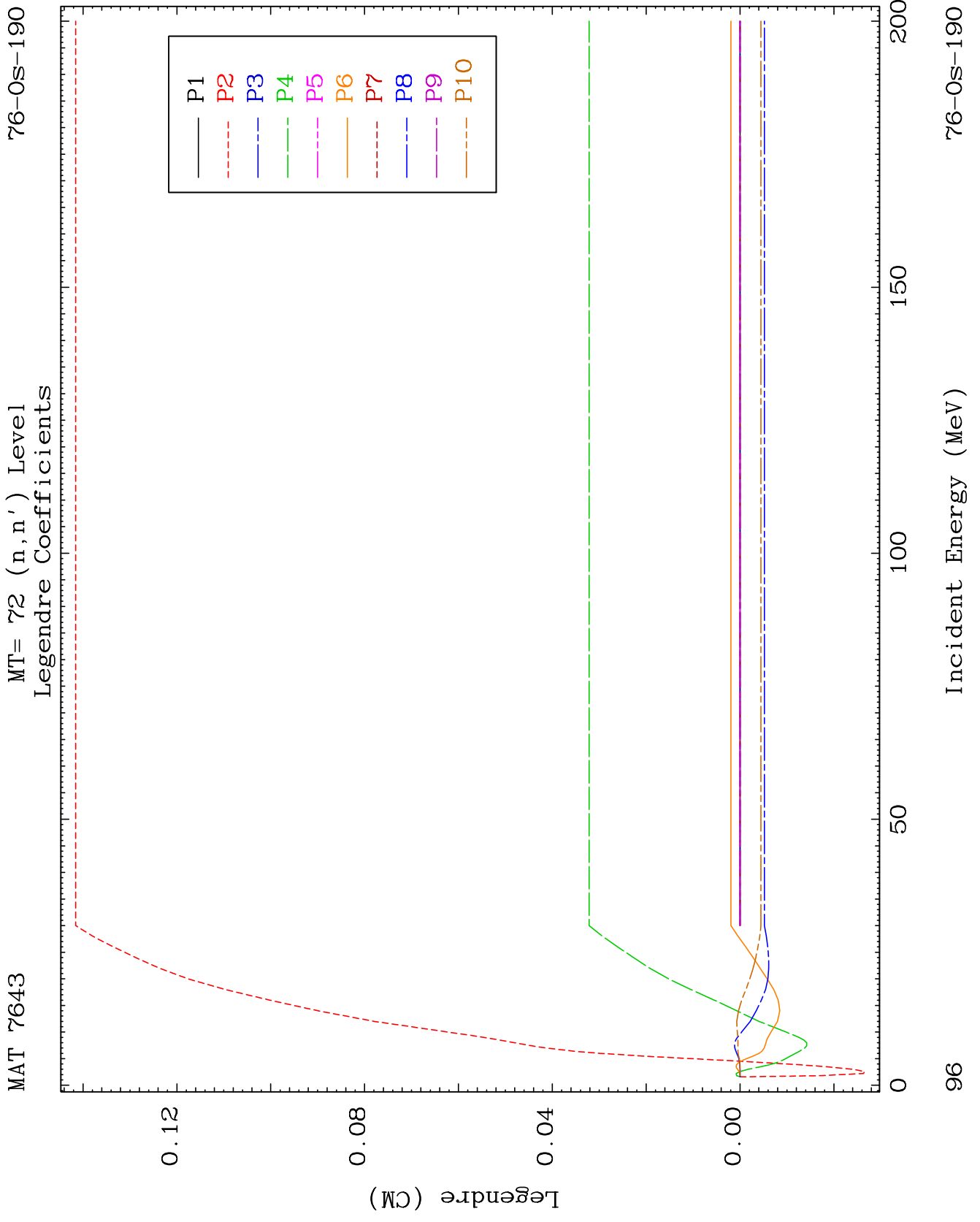


91

76-Os-190



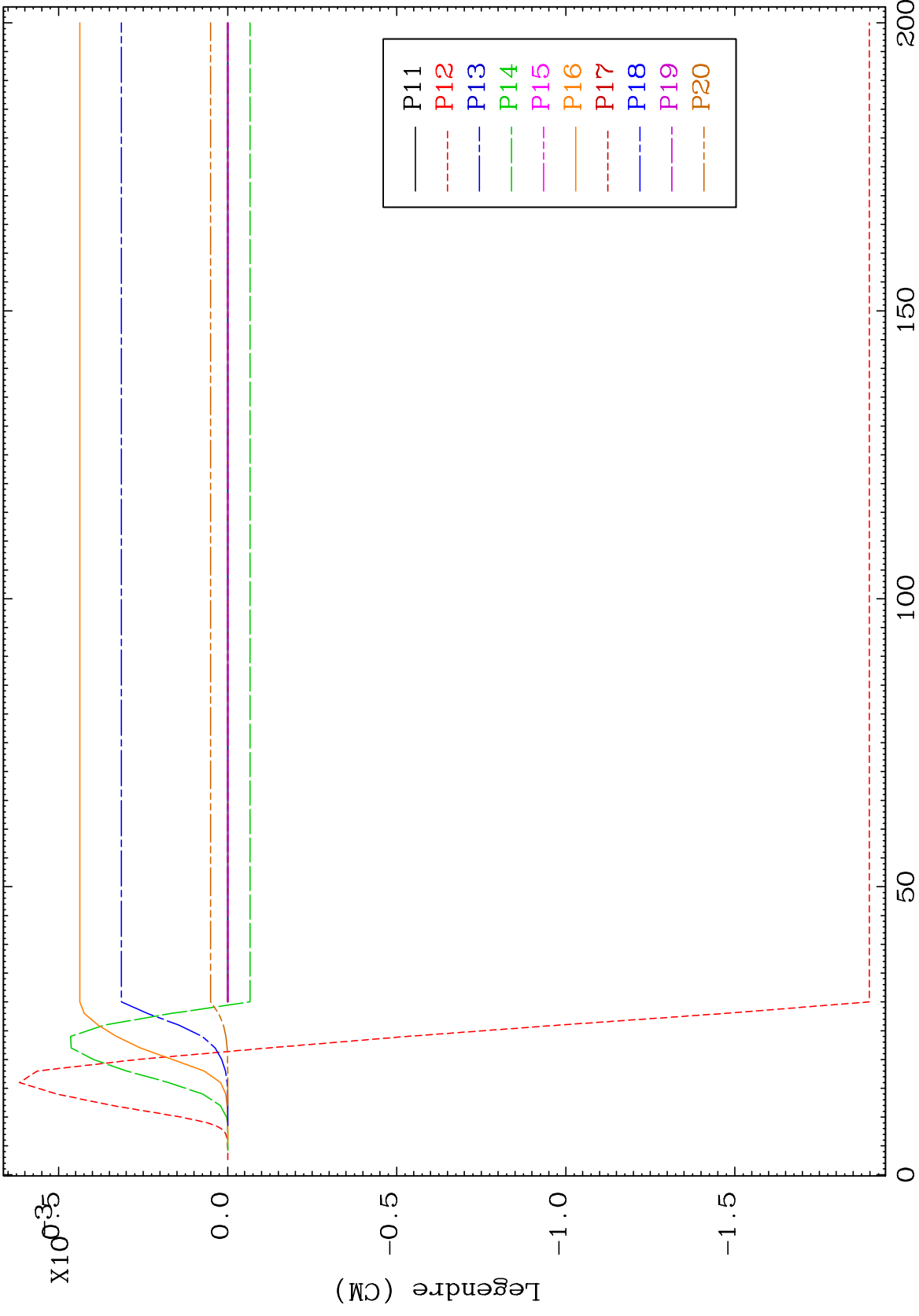




MAT 7643

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

76-Os-190



97

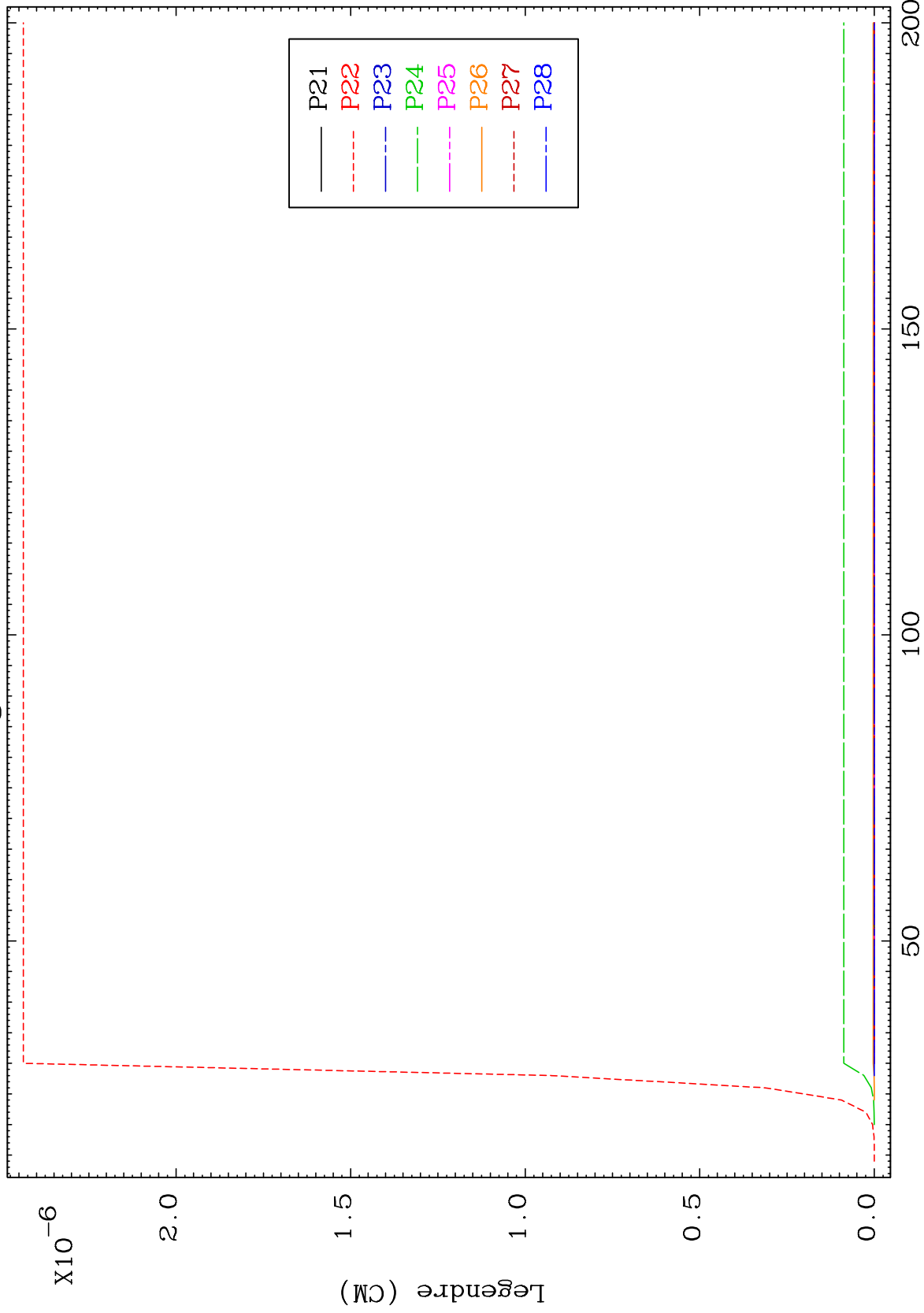
Incident Energy (MeV)

76-Os-190

MAT 7643

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

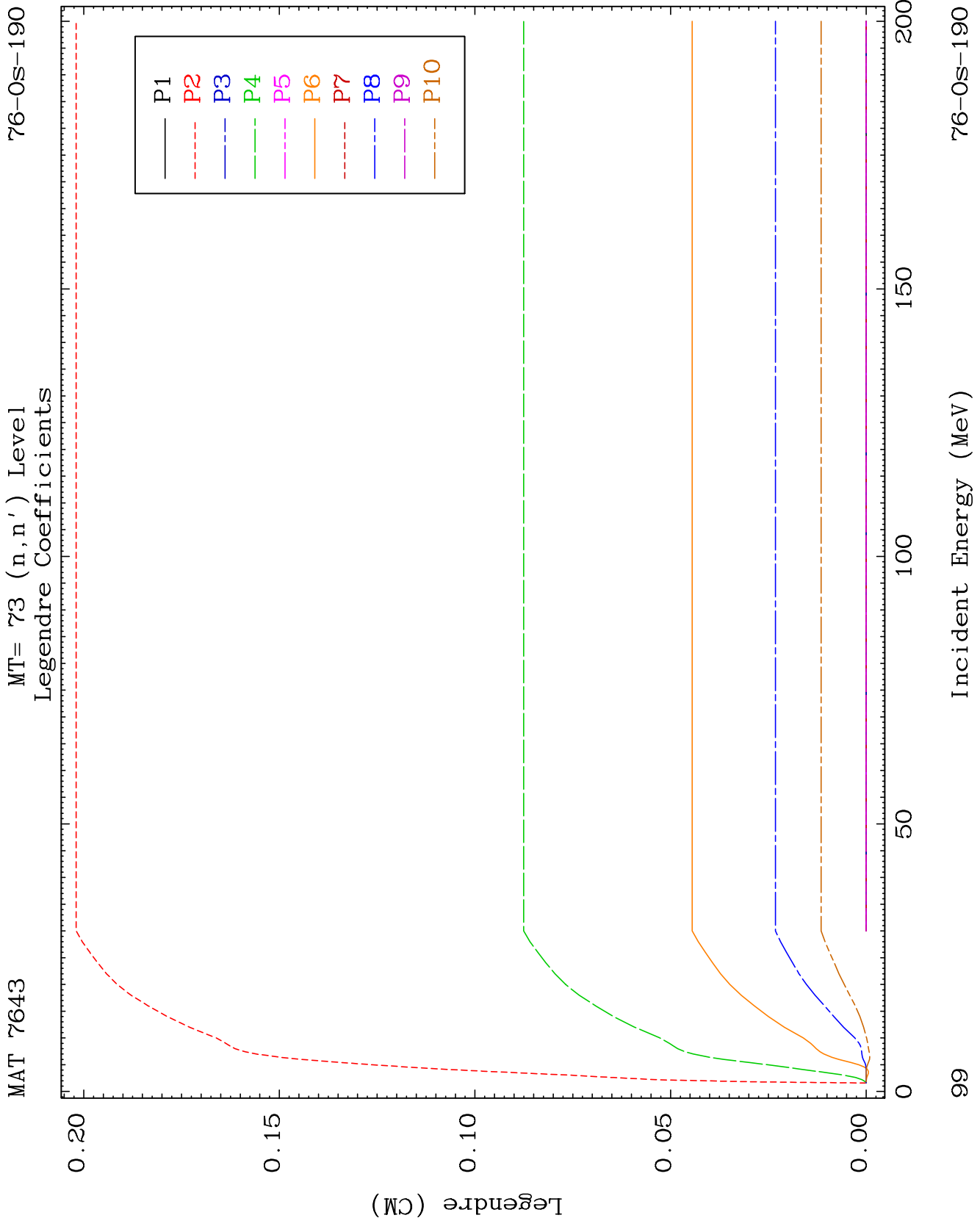
76-Os-190

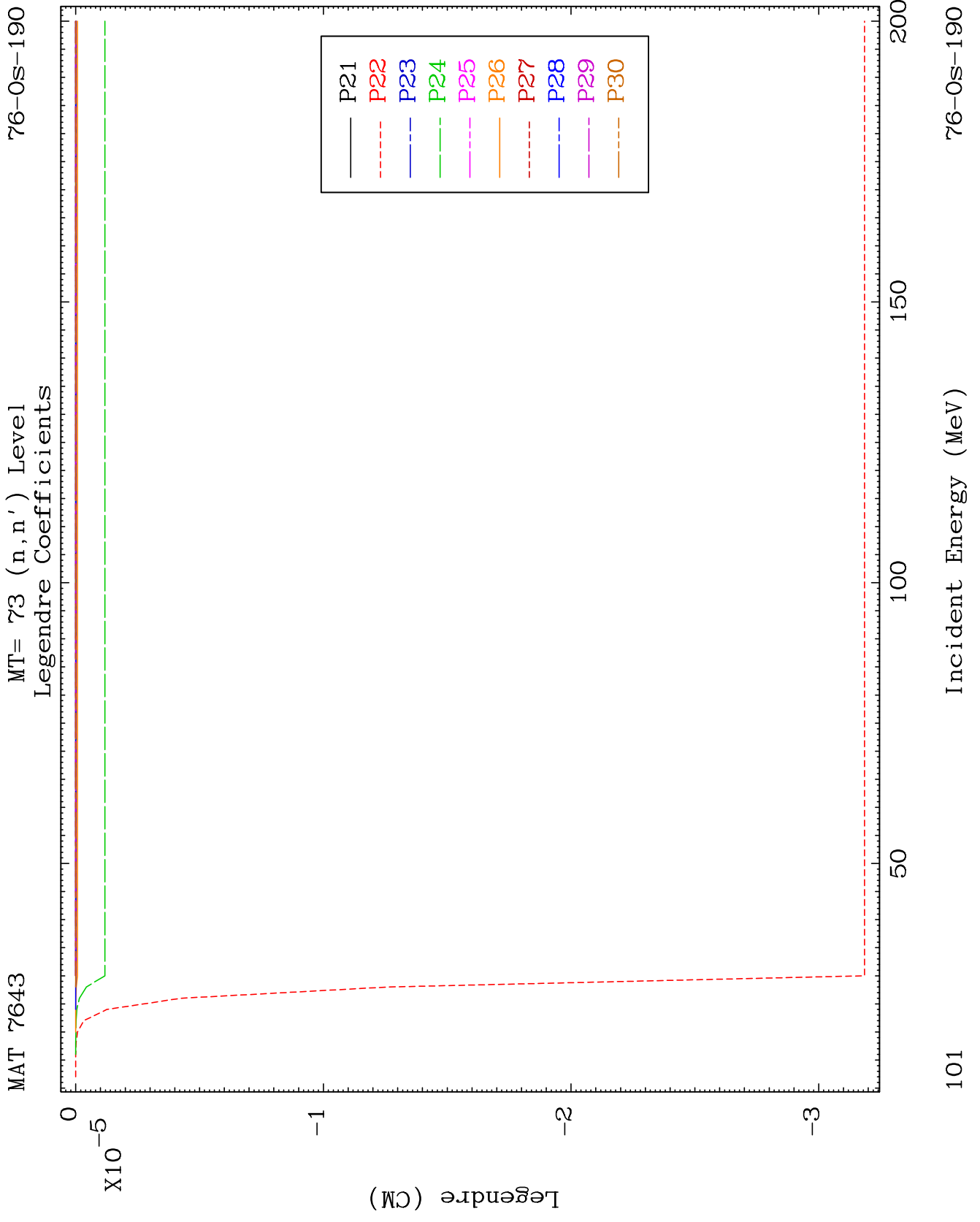


98

Incident Energy (MeV)

76-Os-190

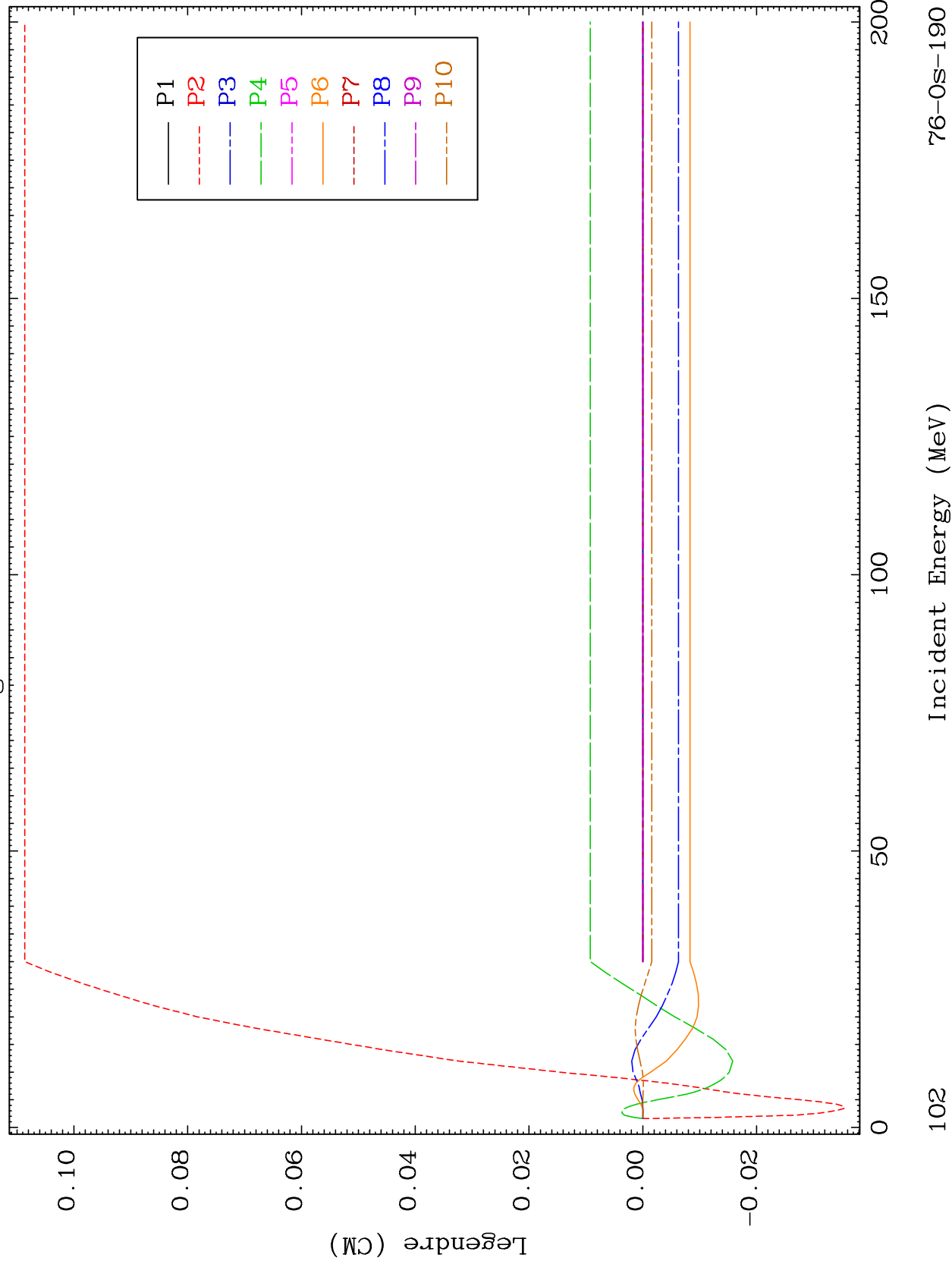




MAT 7643

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

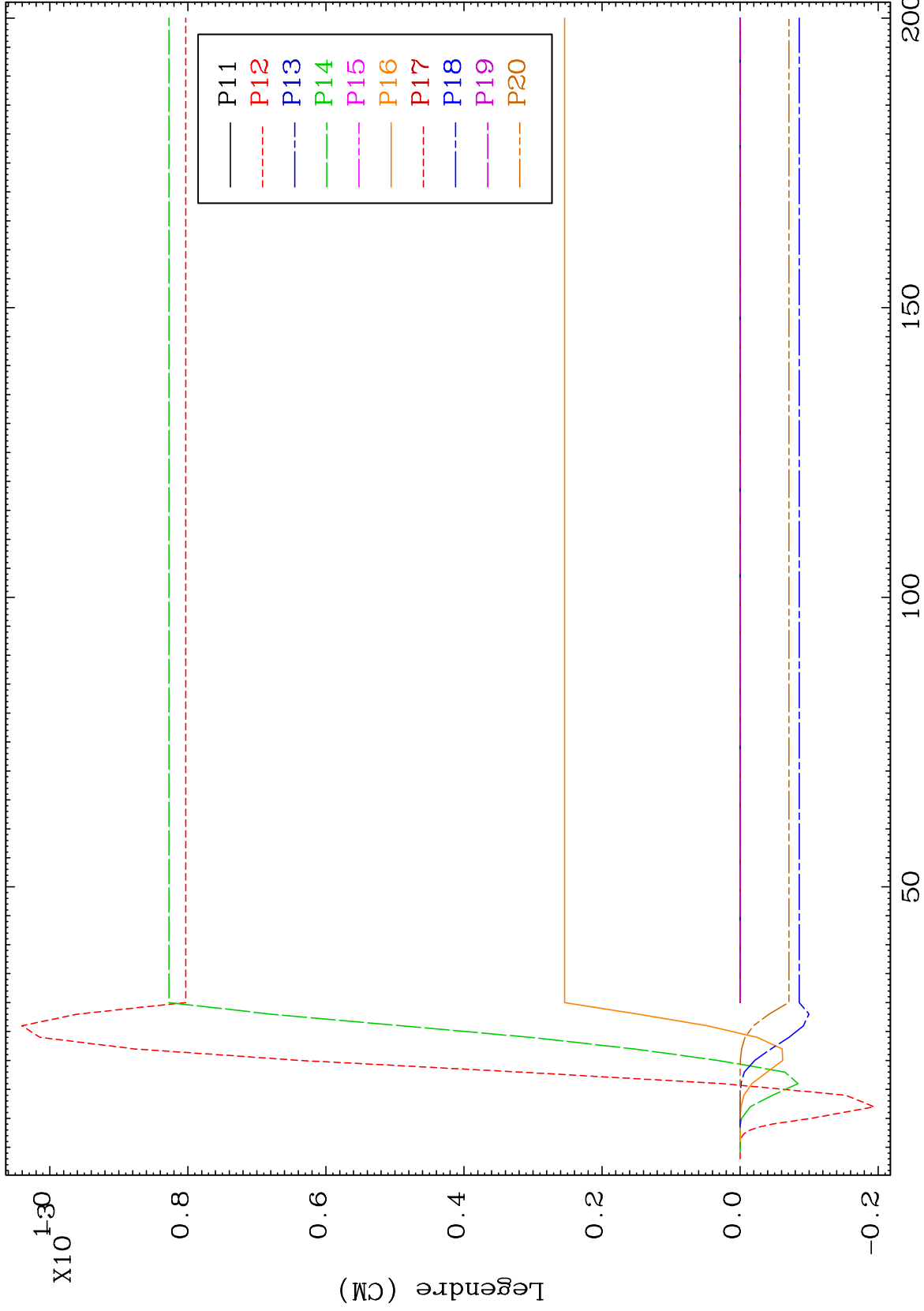
76-Os-190



MAT 7643

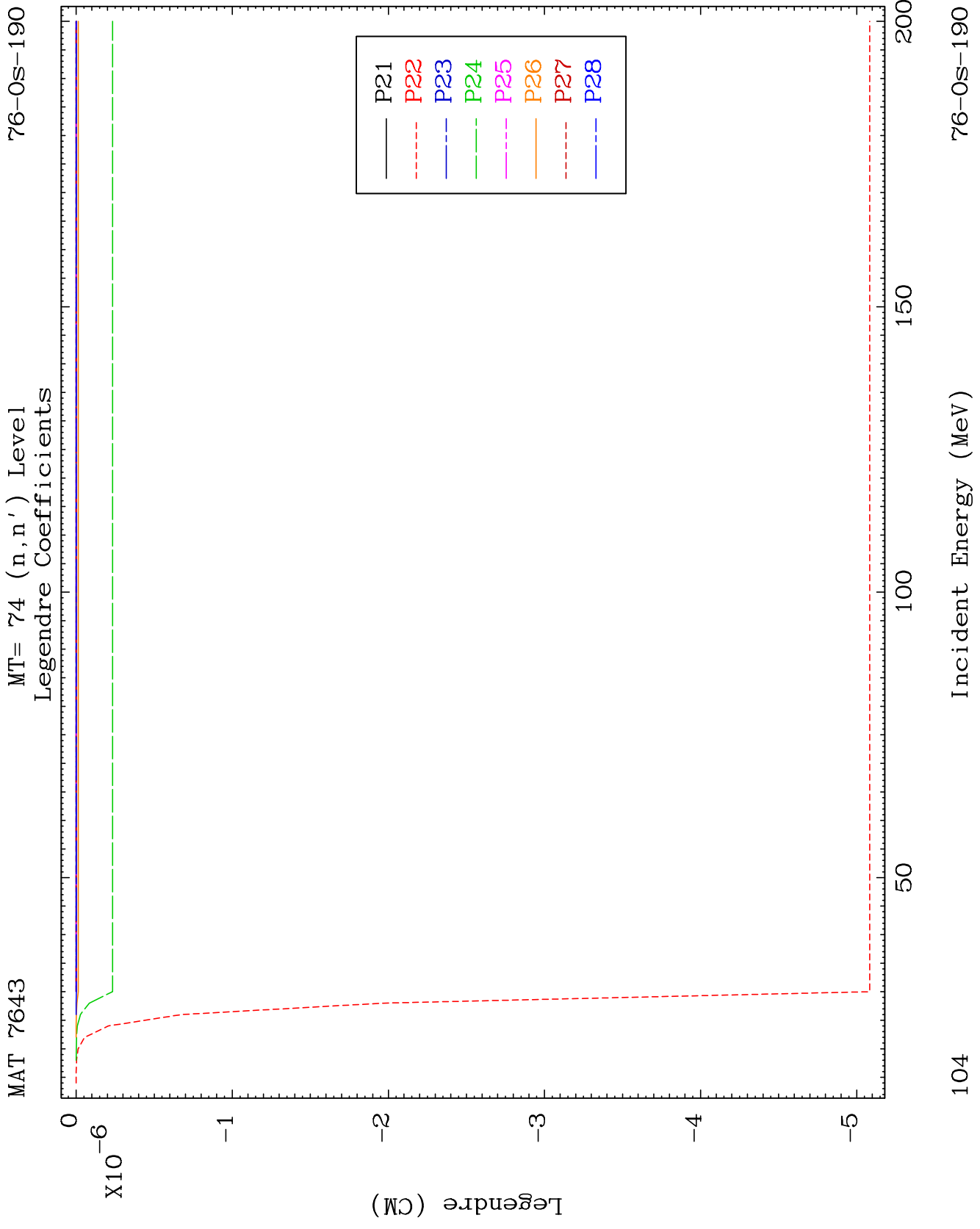
MT= 74 (n,n') Level
Legendre Coefficients

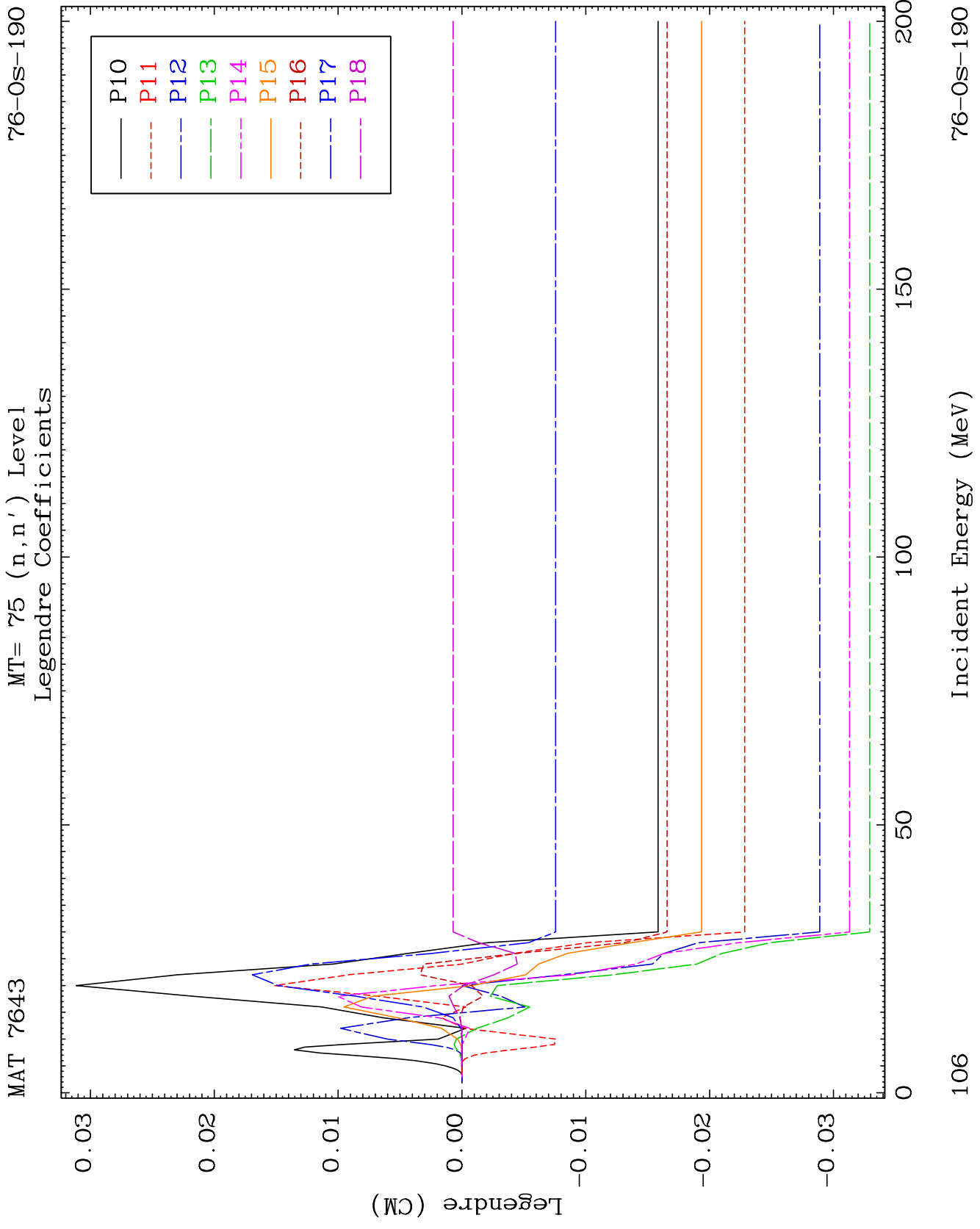
76-Os-190

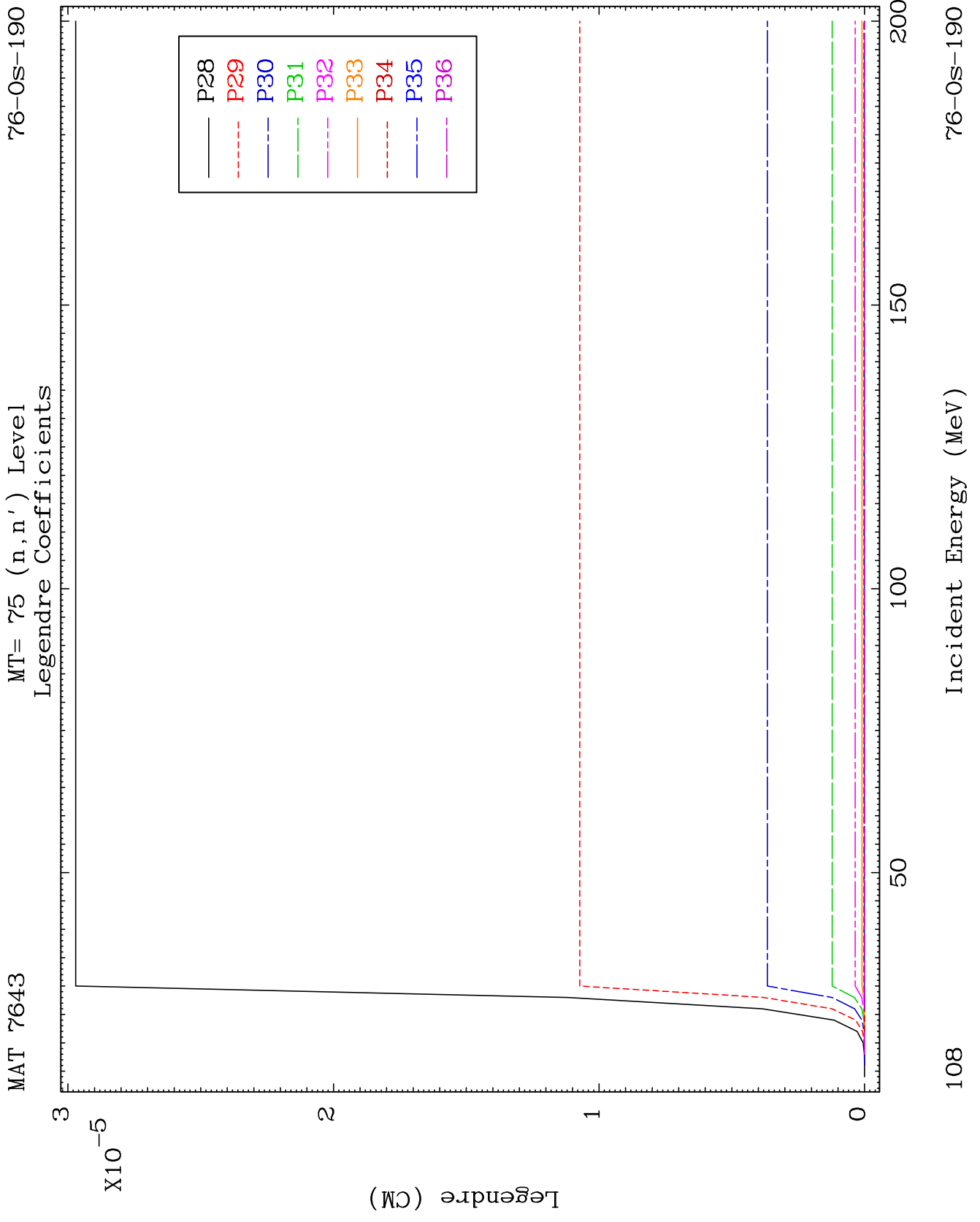


103

76-Os-190





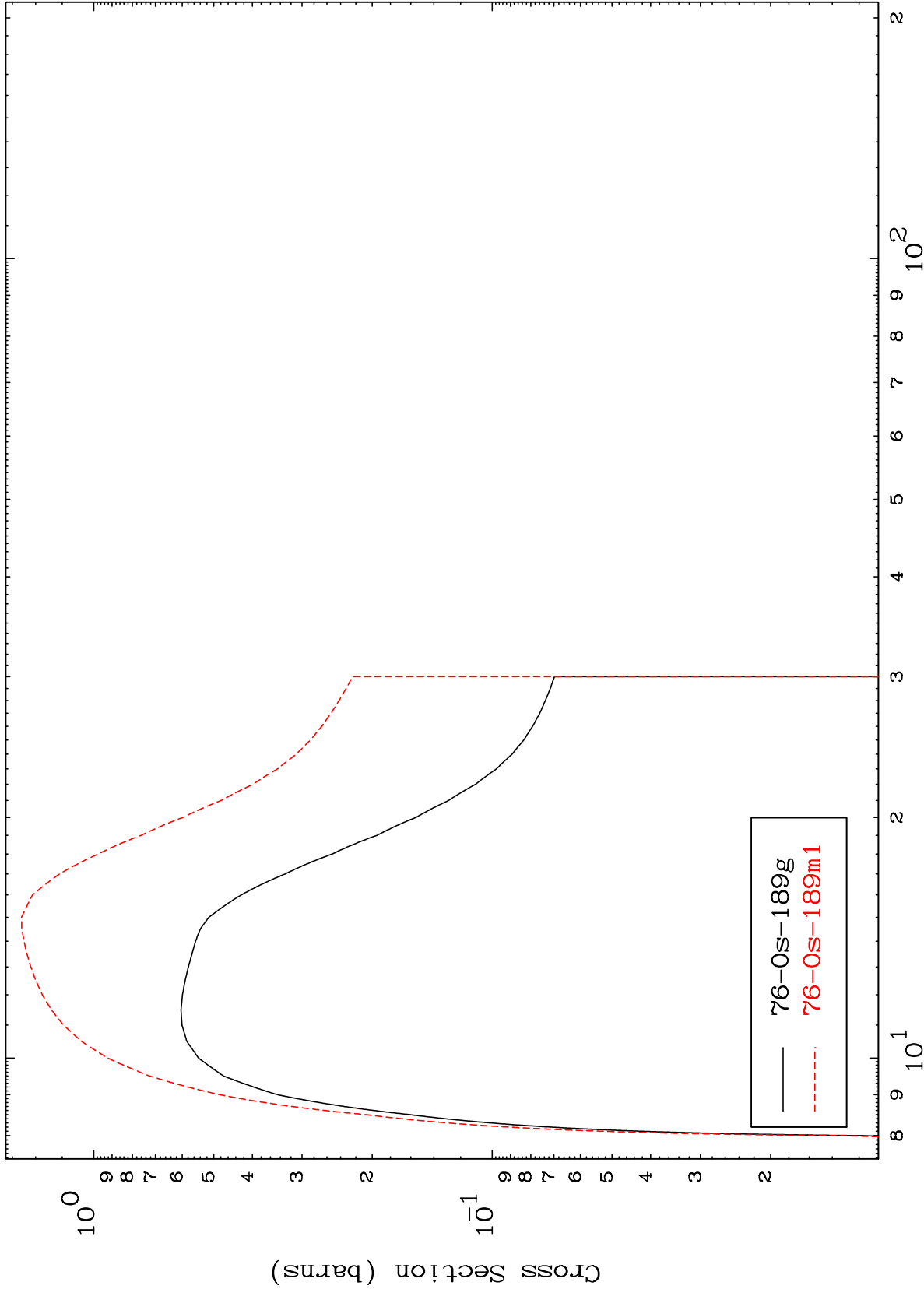


MAT 7643

(n,2n)

76-0s-190

Radionuclide Production Cross Section



109

Incident Energy (MeV)

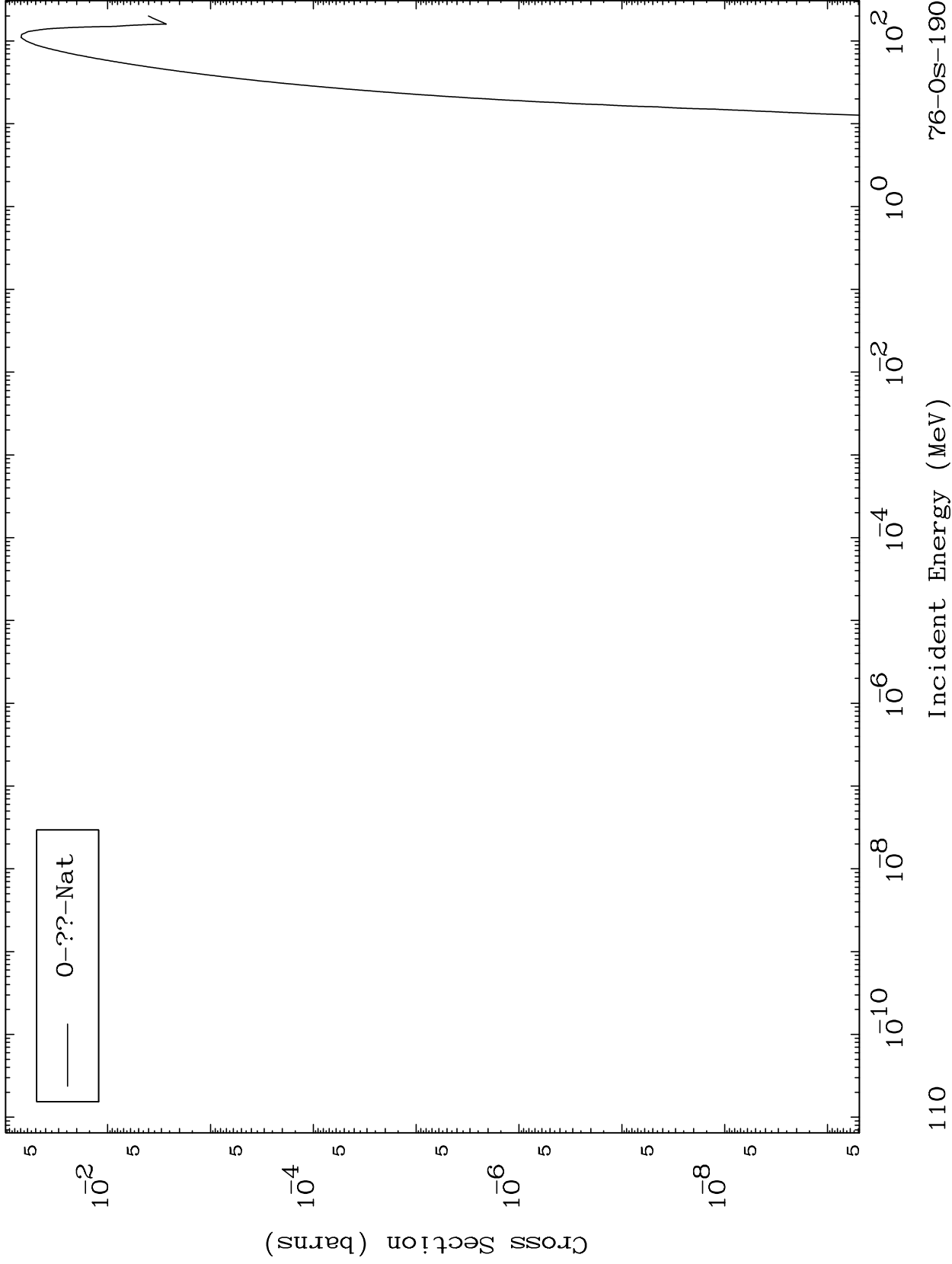
76-0s-190

MAT 7643

Fission

76-Os-190

Radionuclide Production Cross Section

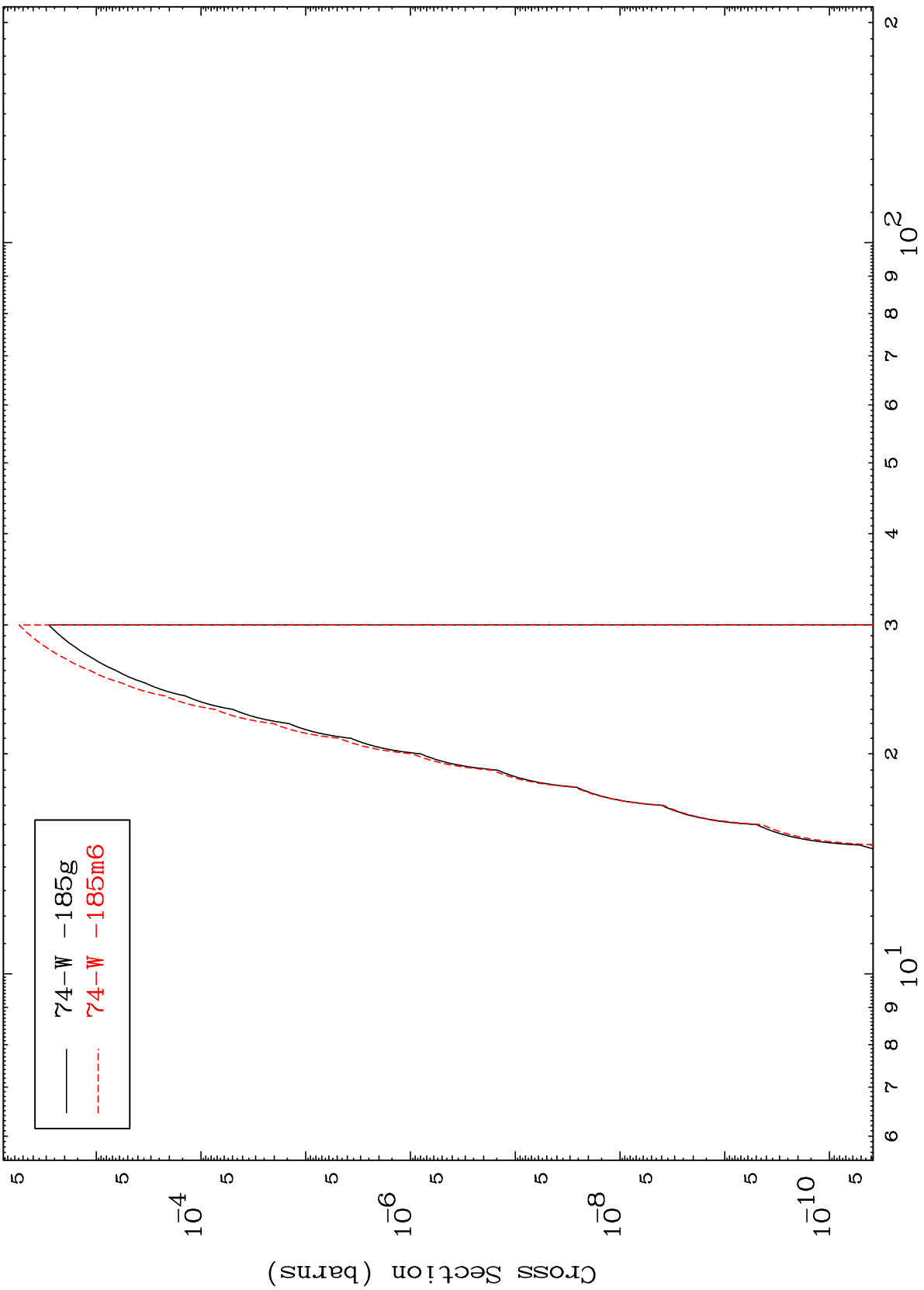


MAT 7643

(n,2n) α

76-Os-190

Radionuclide Production Cross Section



74-W - 185g
74-W - 185m6

111

Incident Energy (MeV)

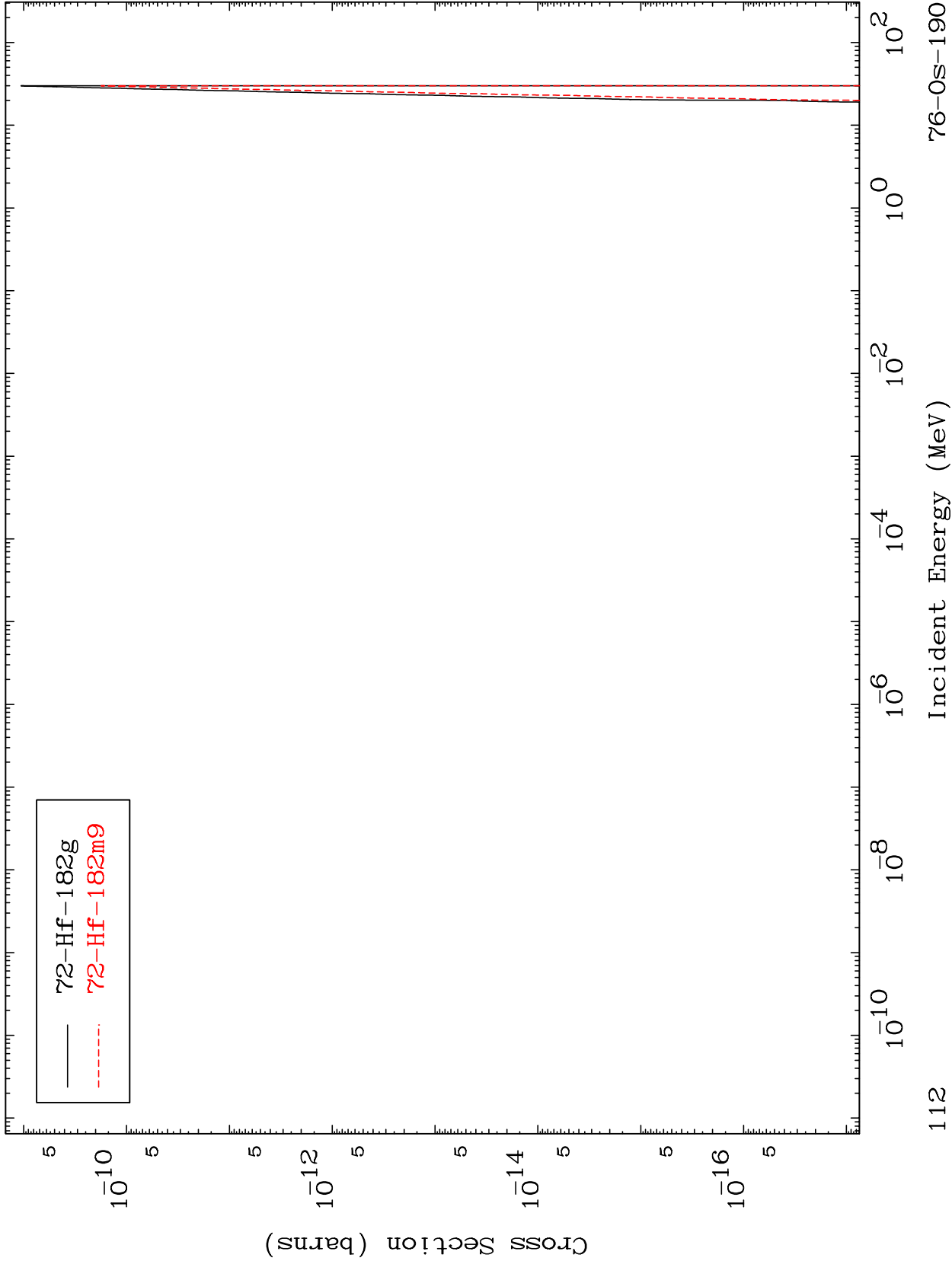
76-Os-190

MAT 7643

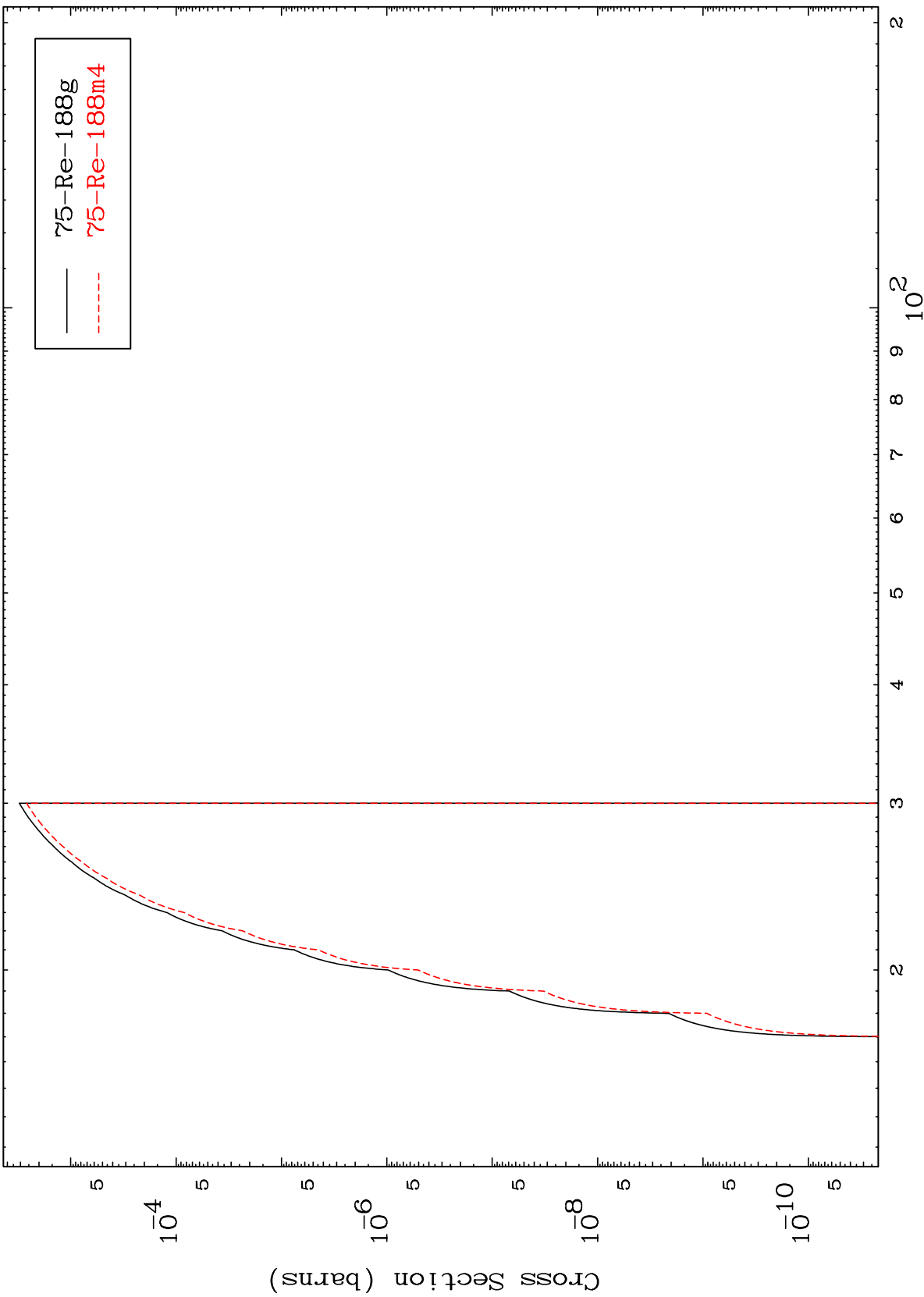
(n,n') 2 α

76-Os-190

Radionuclide Production Cross Section



Radionuclide Production Cross Section

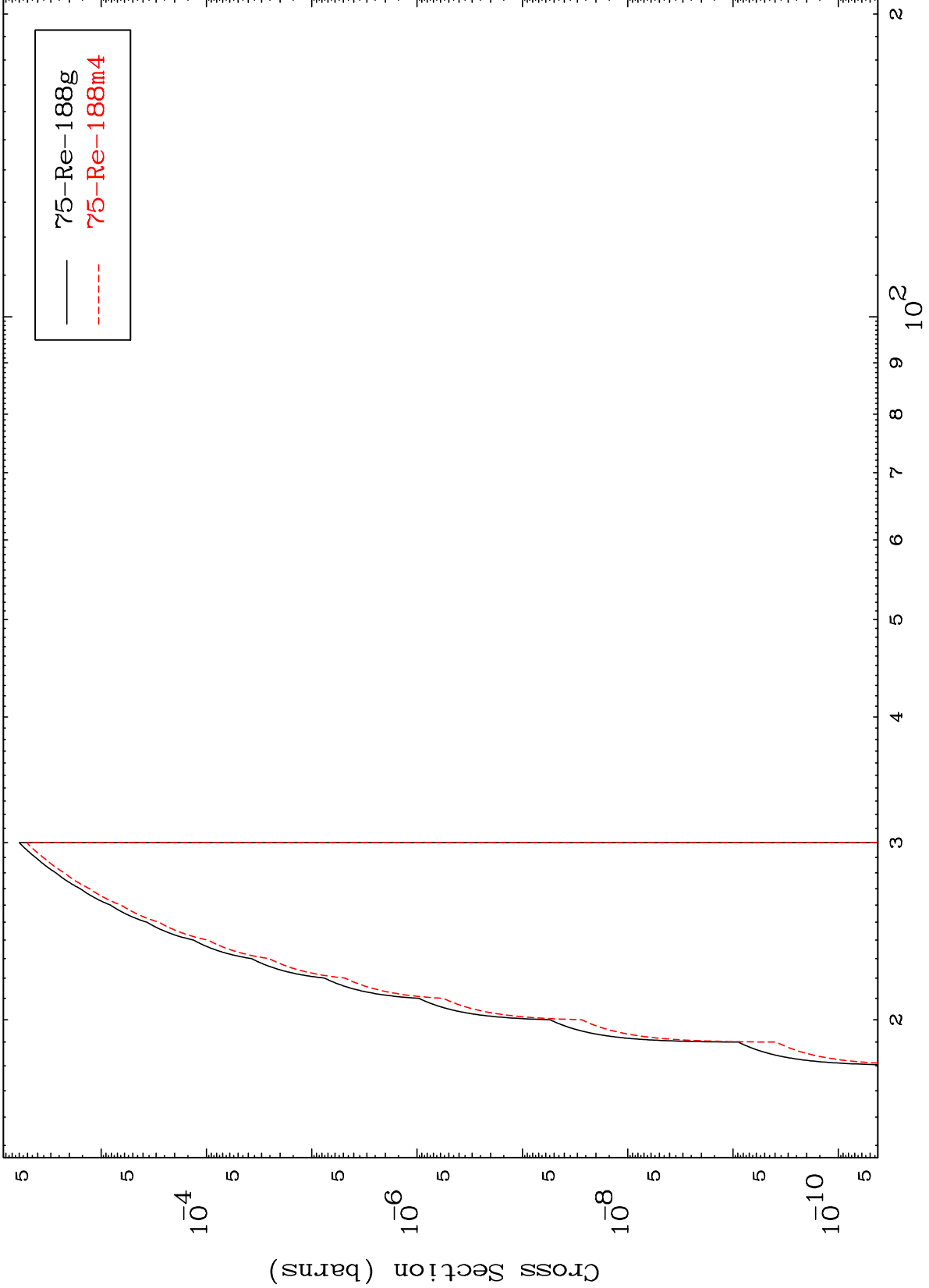


MAT 7643

(n,2n) p

76-Os-190

Radionuclide Production Cross Section



114

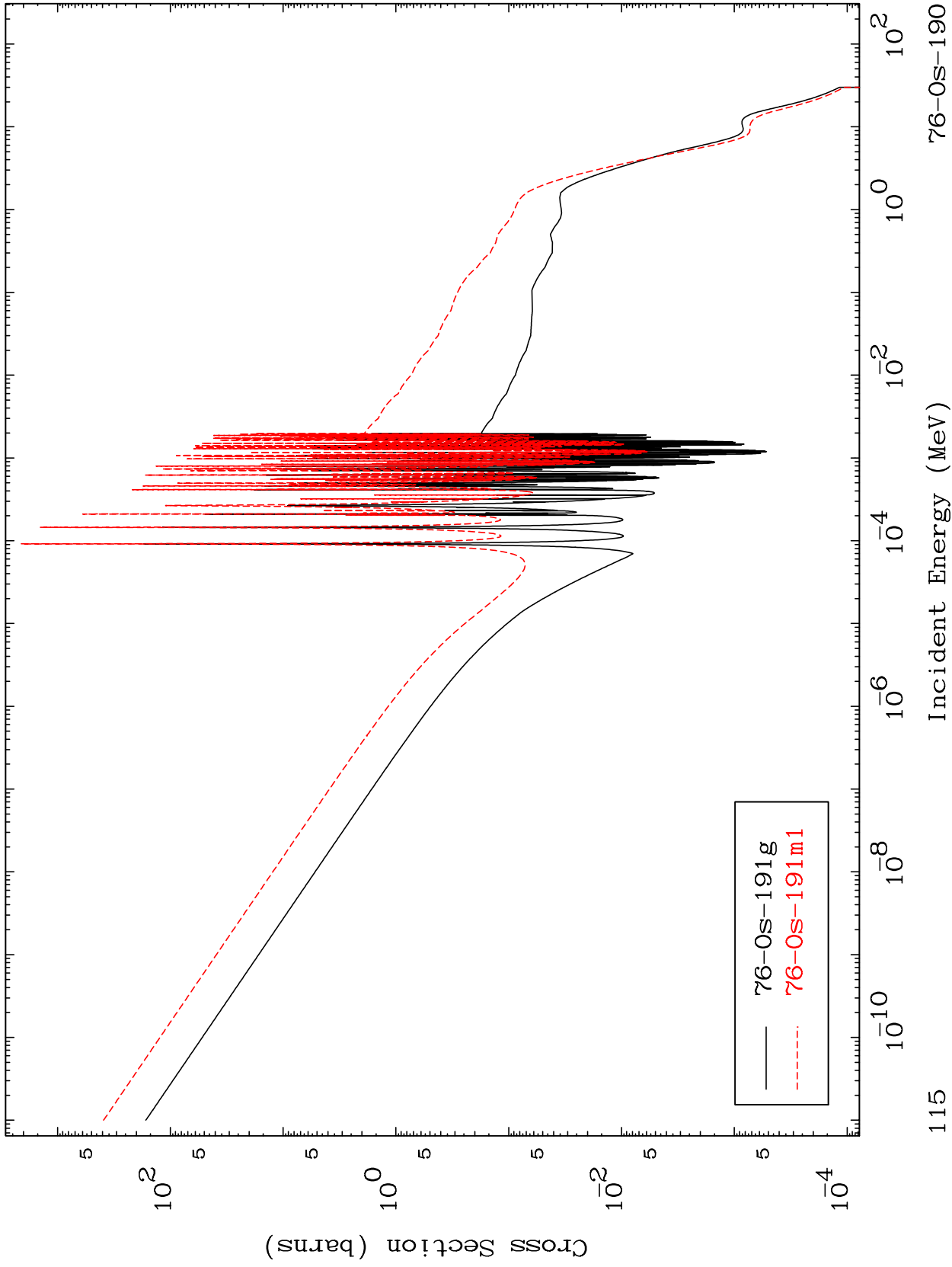
Incident Energy (MeV)

76-Os-190

MAT 7643

76-Os-190

(n, γ)
Radionuclide Production Cross Section

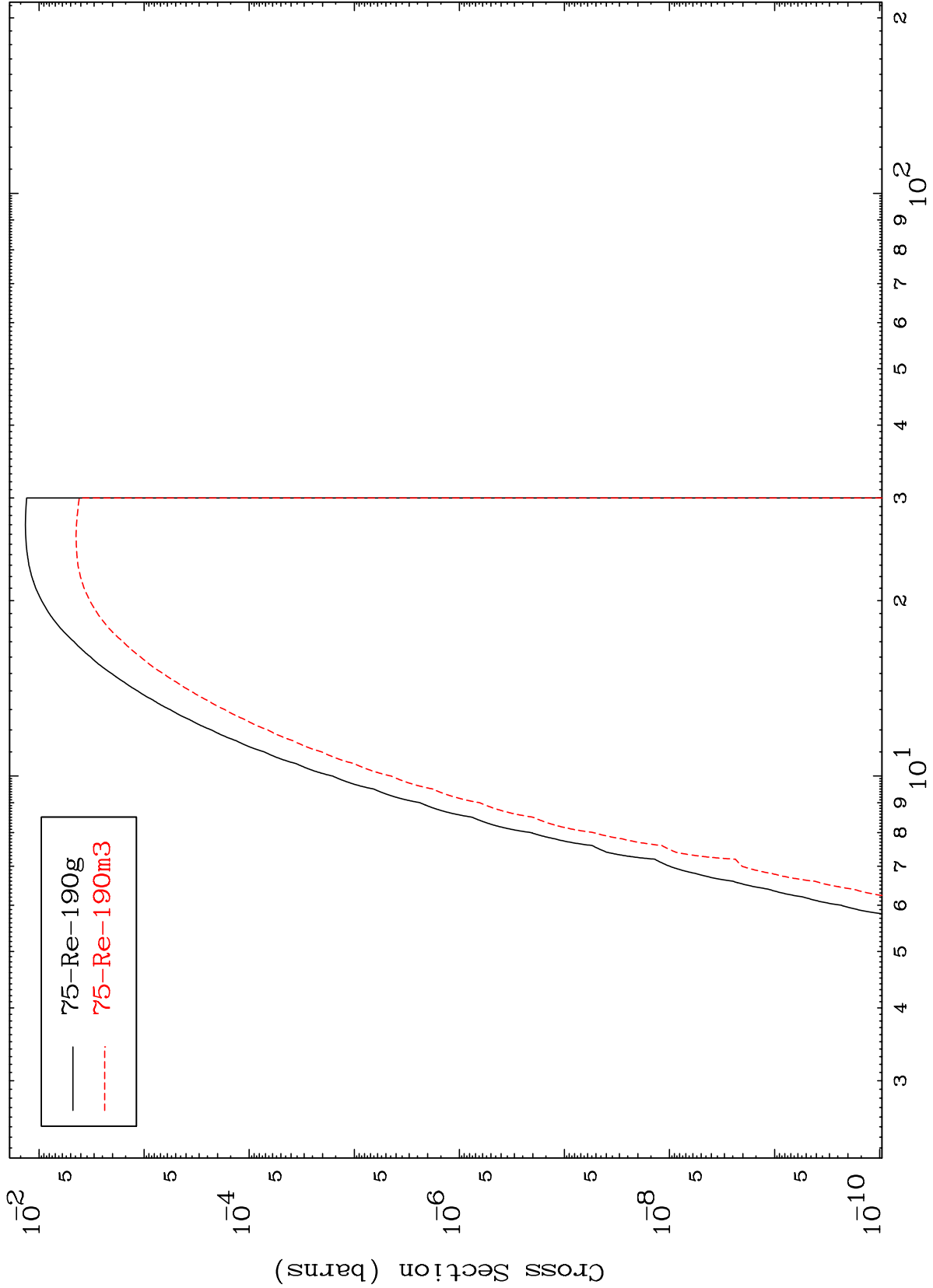


115

MAT 7643

76-Os-190

(n,p)
Radionuclide Production Cross Section



116

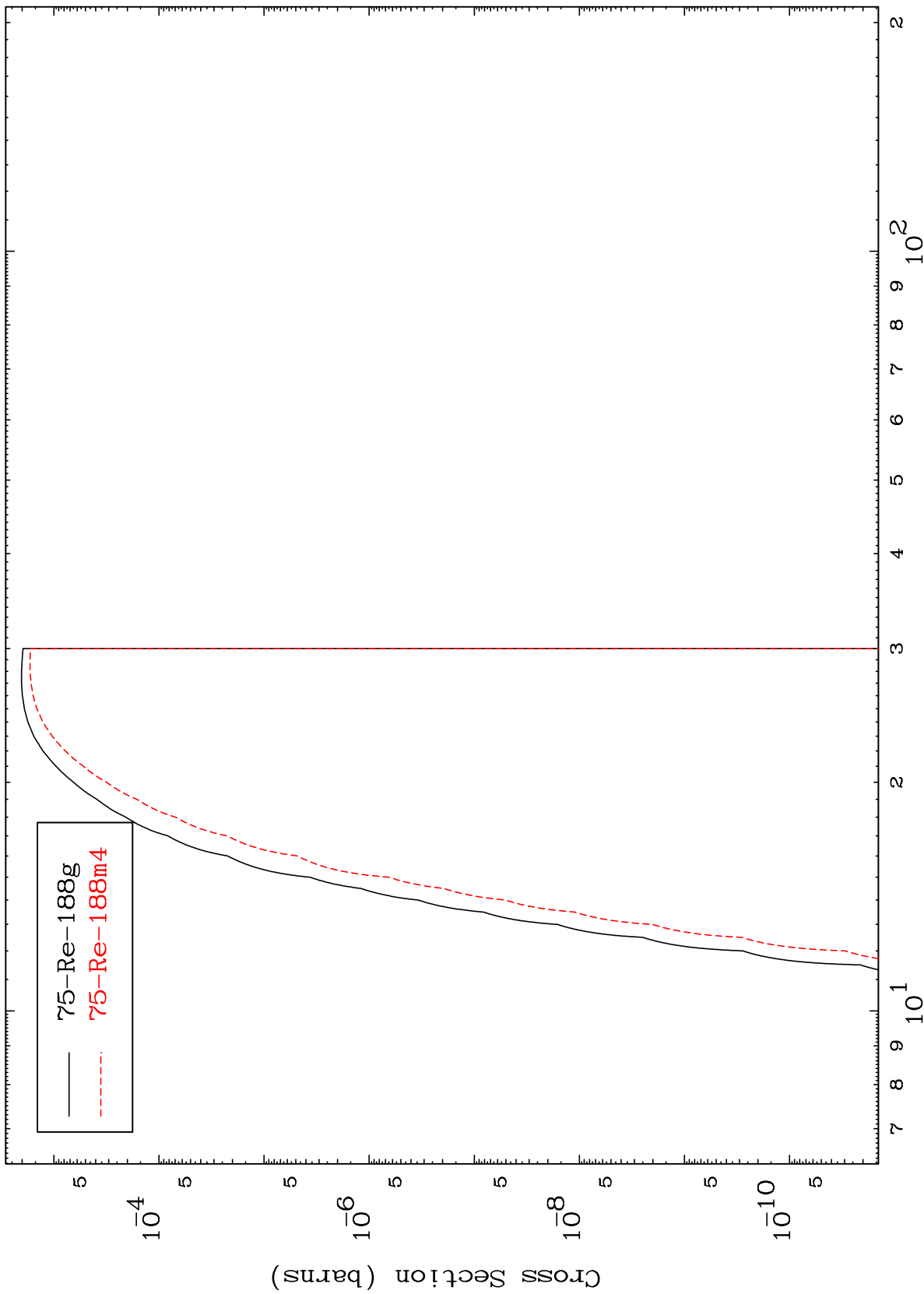
Incident Energy (MeV)

76-Os-190

MAT 7643

76-0s-190

(n, t)
Radionuclide Production Cross Section



117

Incident Energy (MeV)

76-0s-190