

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

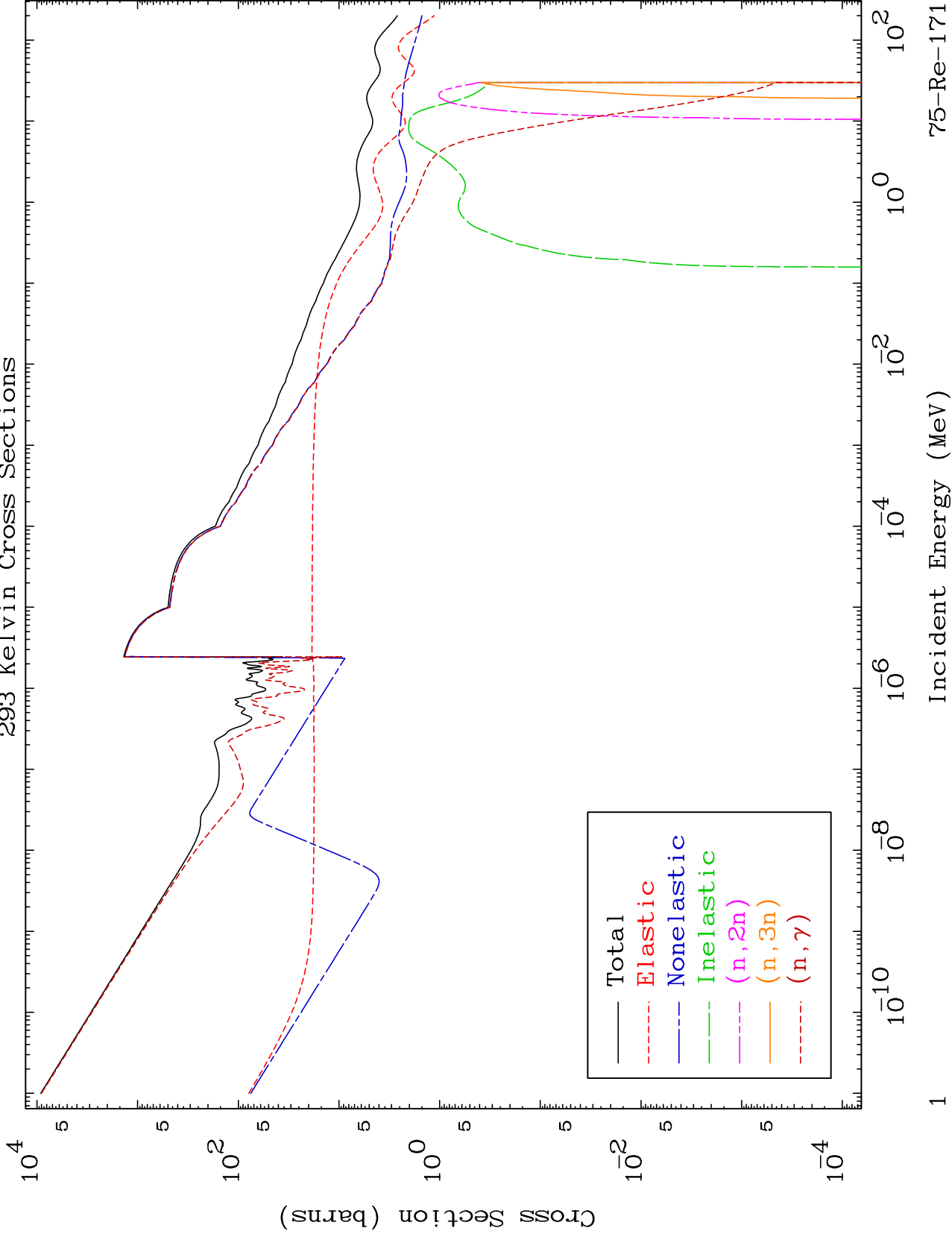
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7483

Neutron Major
293 Kelvin Cross Sections

75-Re-171

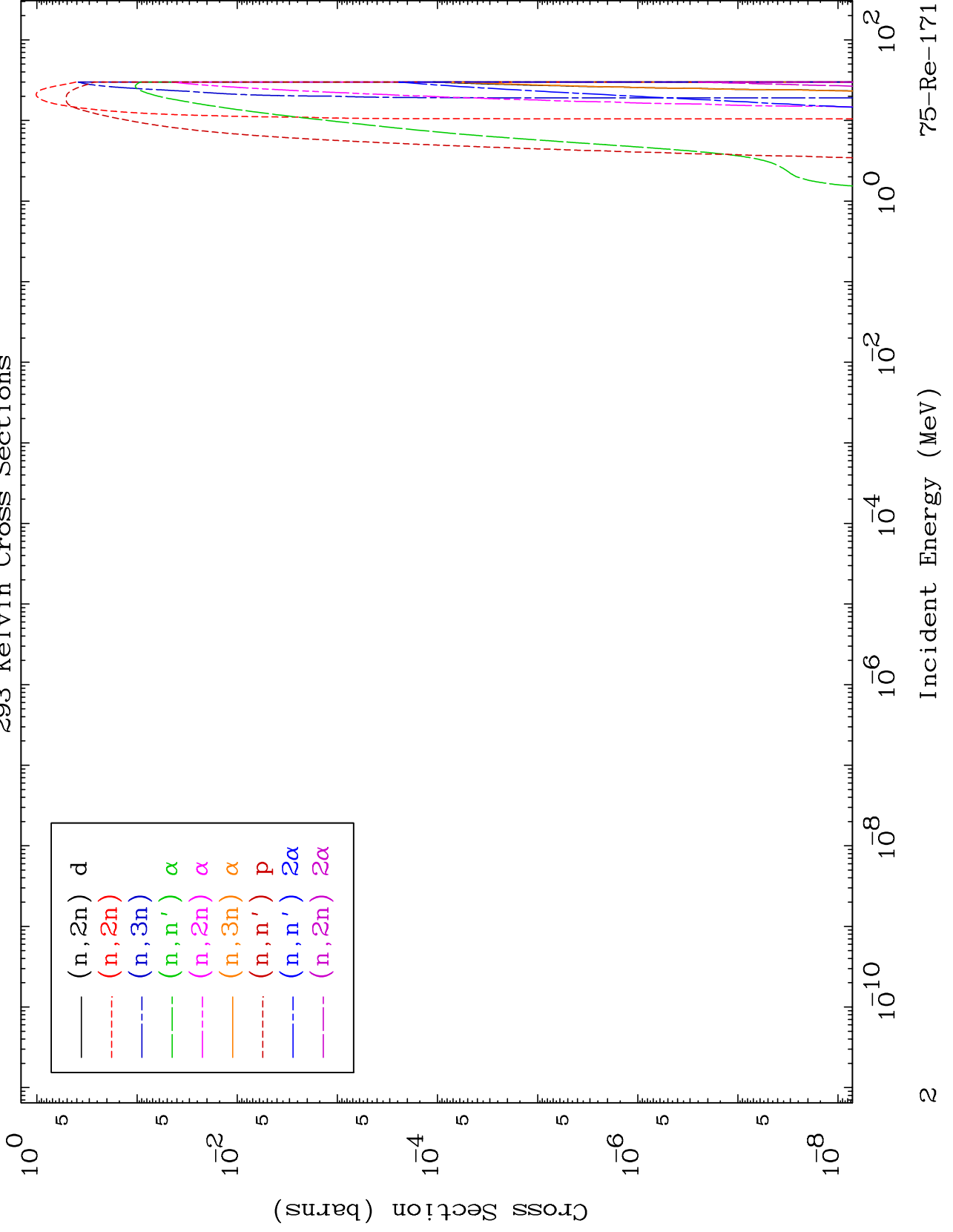


1

MAT 7483

Neutron Absorption
293 Kelvin Cross Sections

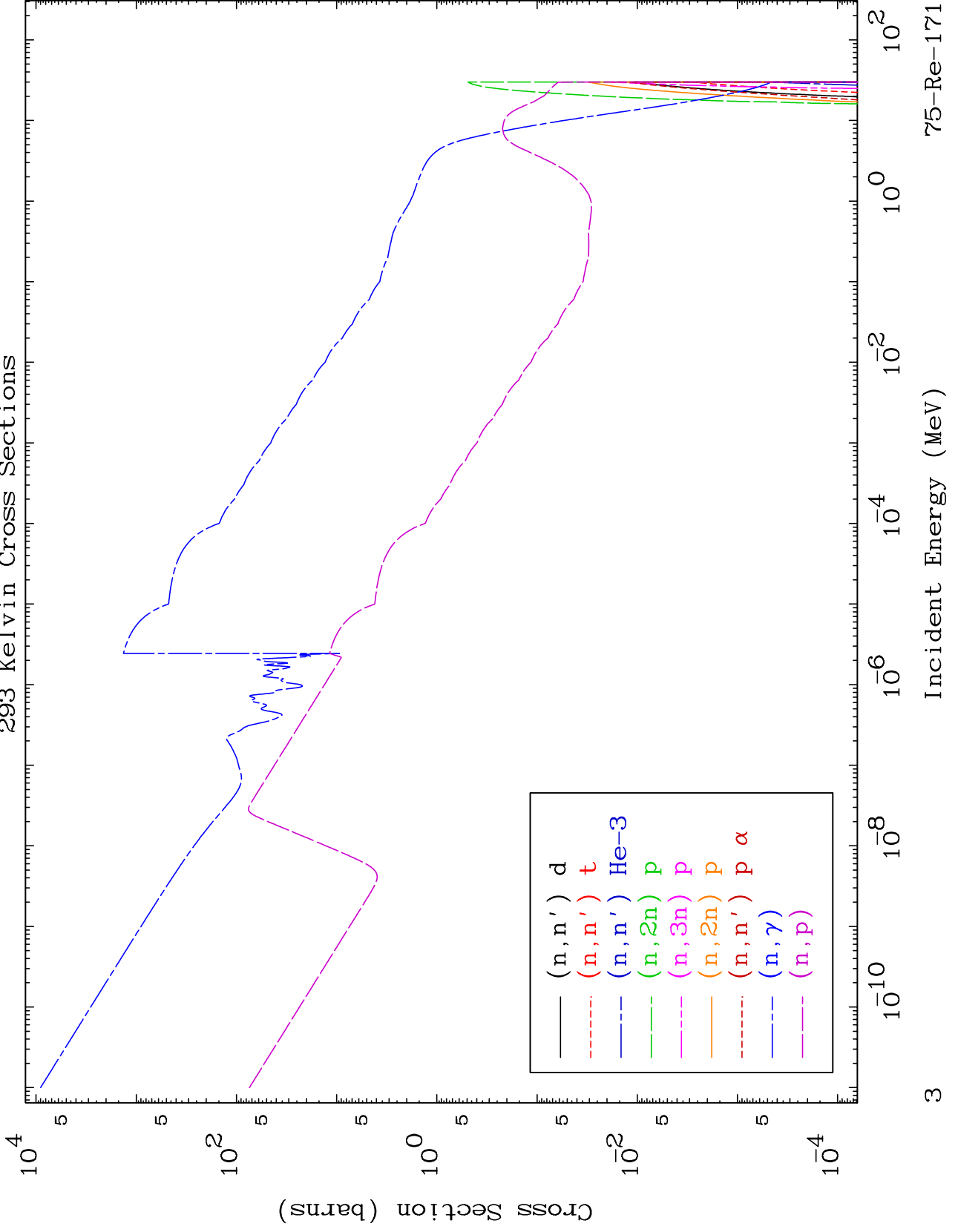
75-Re-171



MAT 7483

Neutron Absorption
293 Kelvin Cross Sections

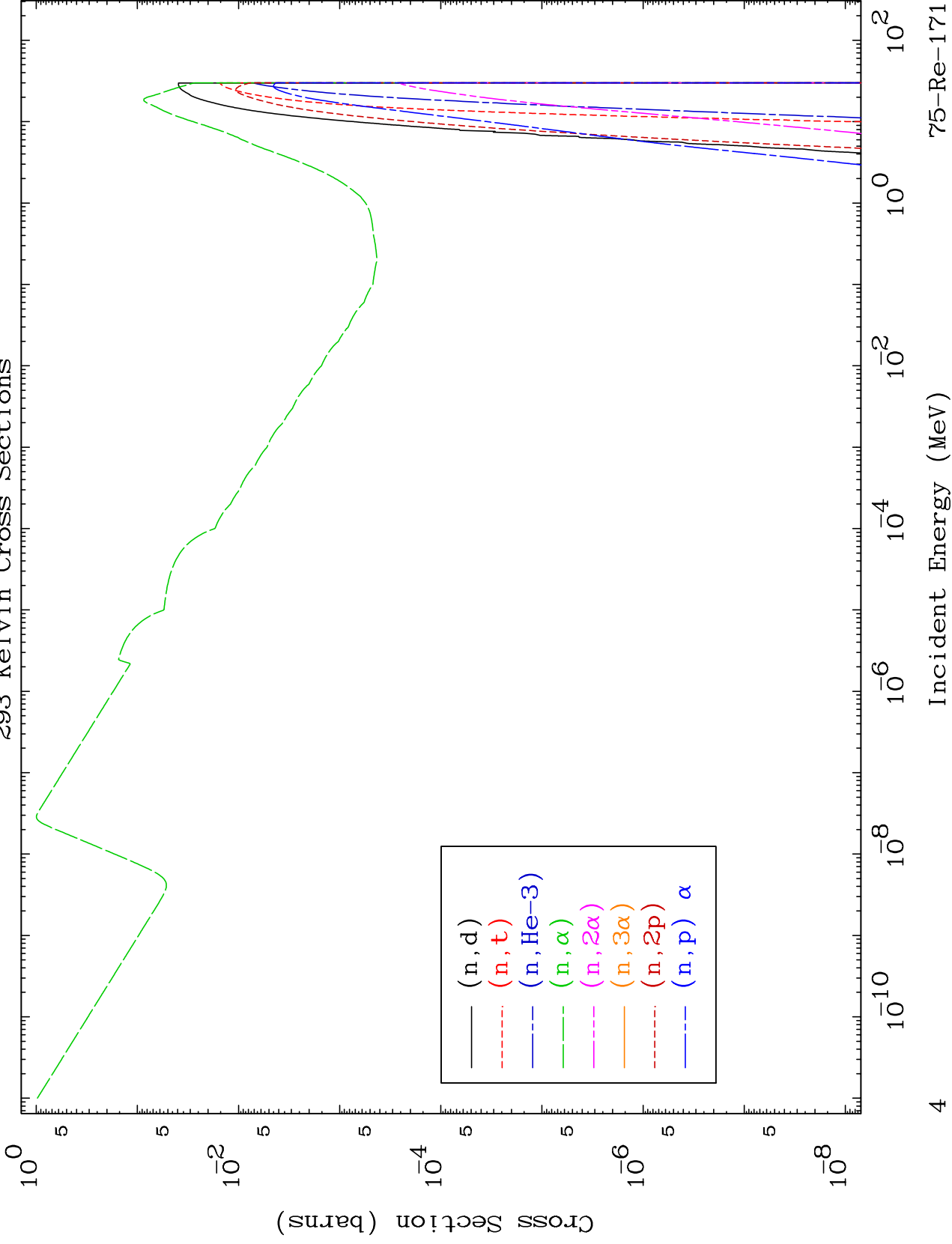
75-Re-171



MAT 7483

Neutron Absorption
293 Kelvin Cross Sections

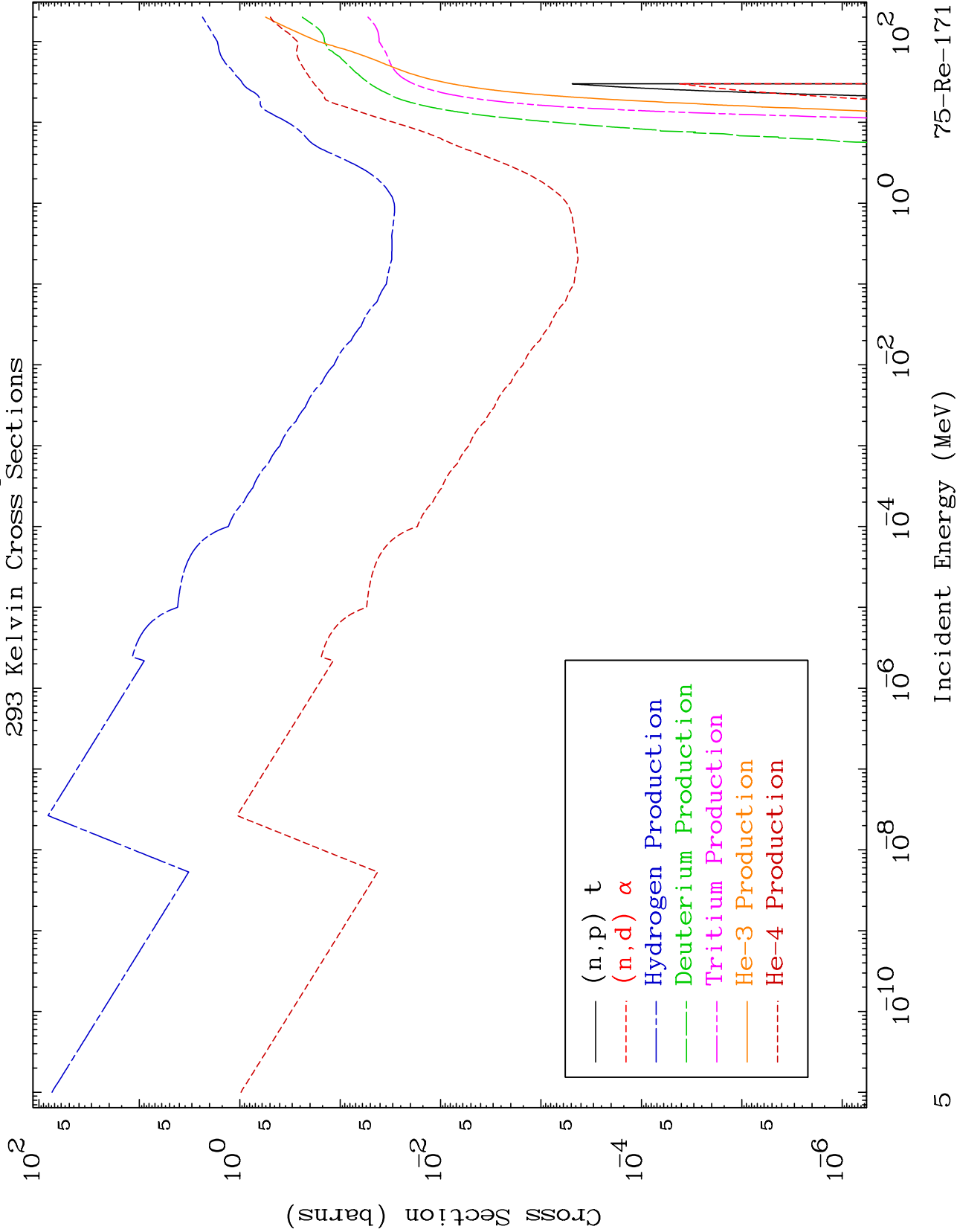
75-Re-171



MAT 7483

Neutron Absorption
293 Kelvin Cross Sections

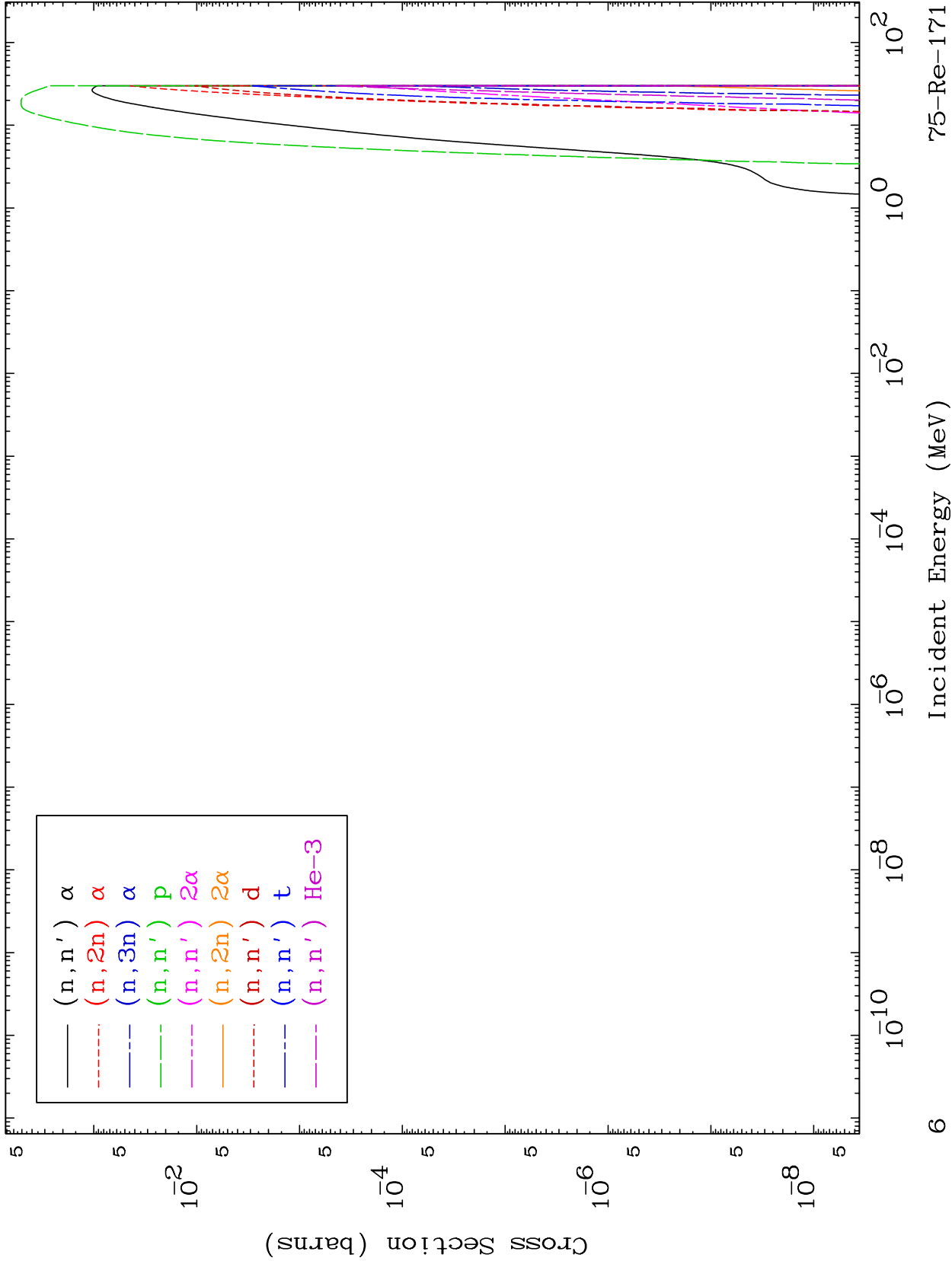
75-Re-171



MAT 7483

Charged Particle
293 Kelvin Cross Sections

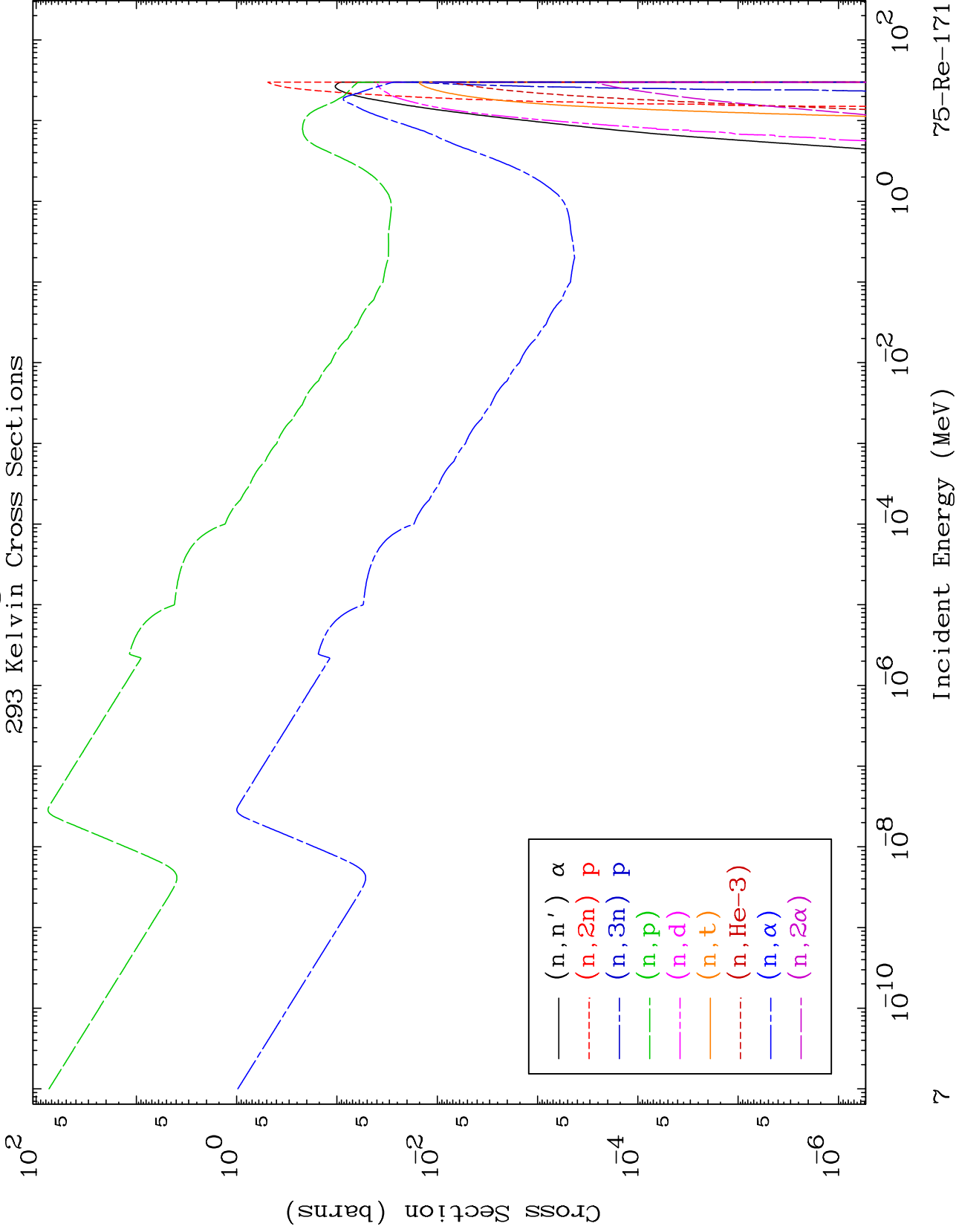
75-Re-171



MAT 7483

Charged Particle
293 Kelvin Cross Sections

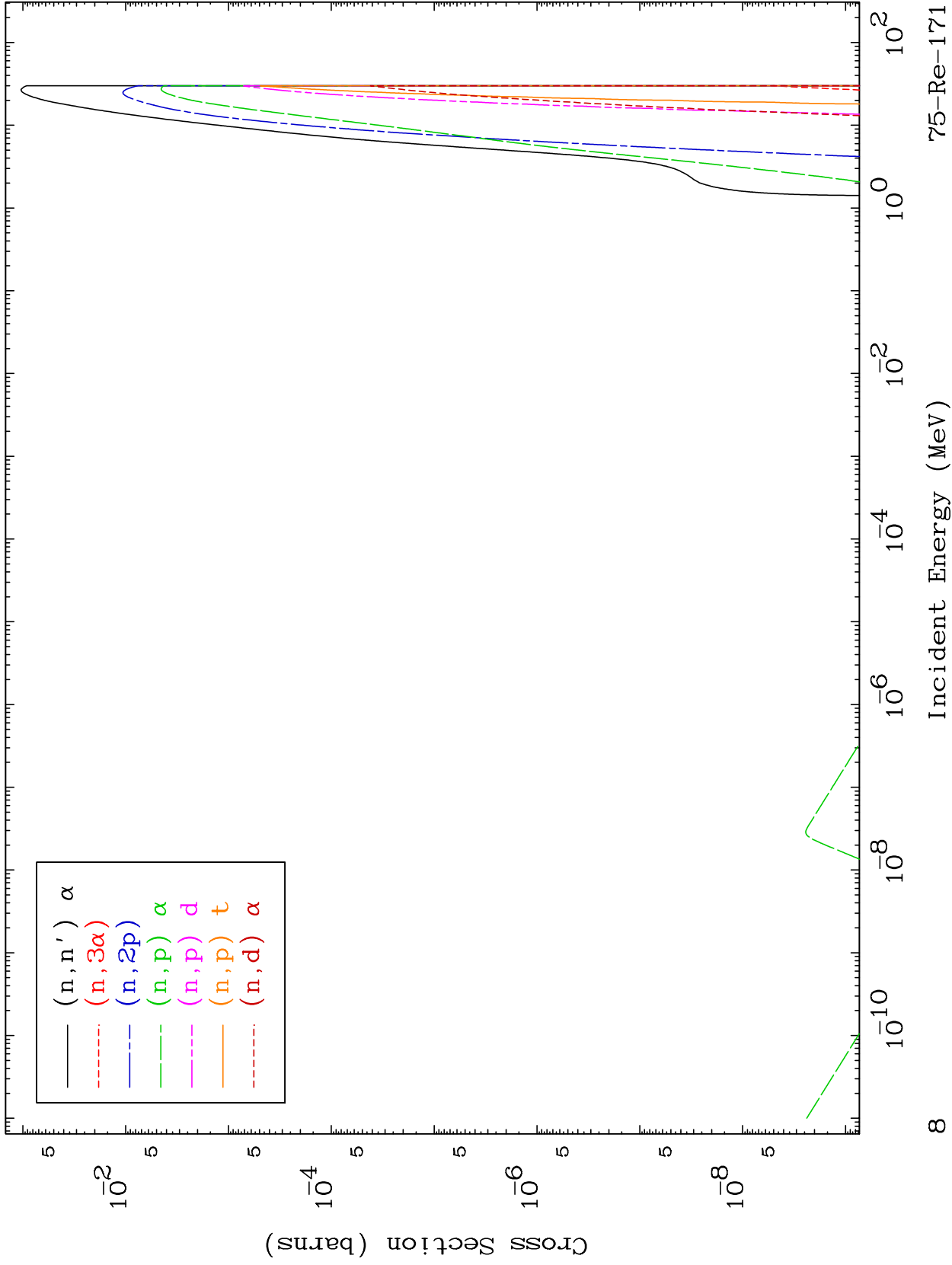
75-Re-171



MAT 7483

Charged Particle
293 Kelvin Cross Sections

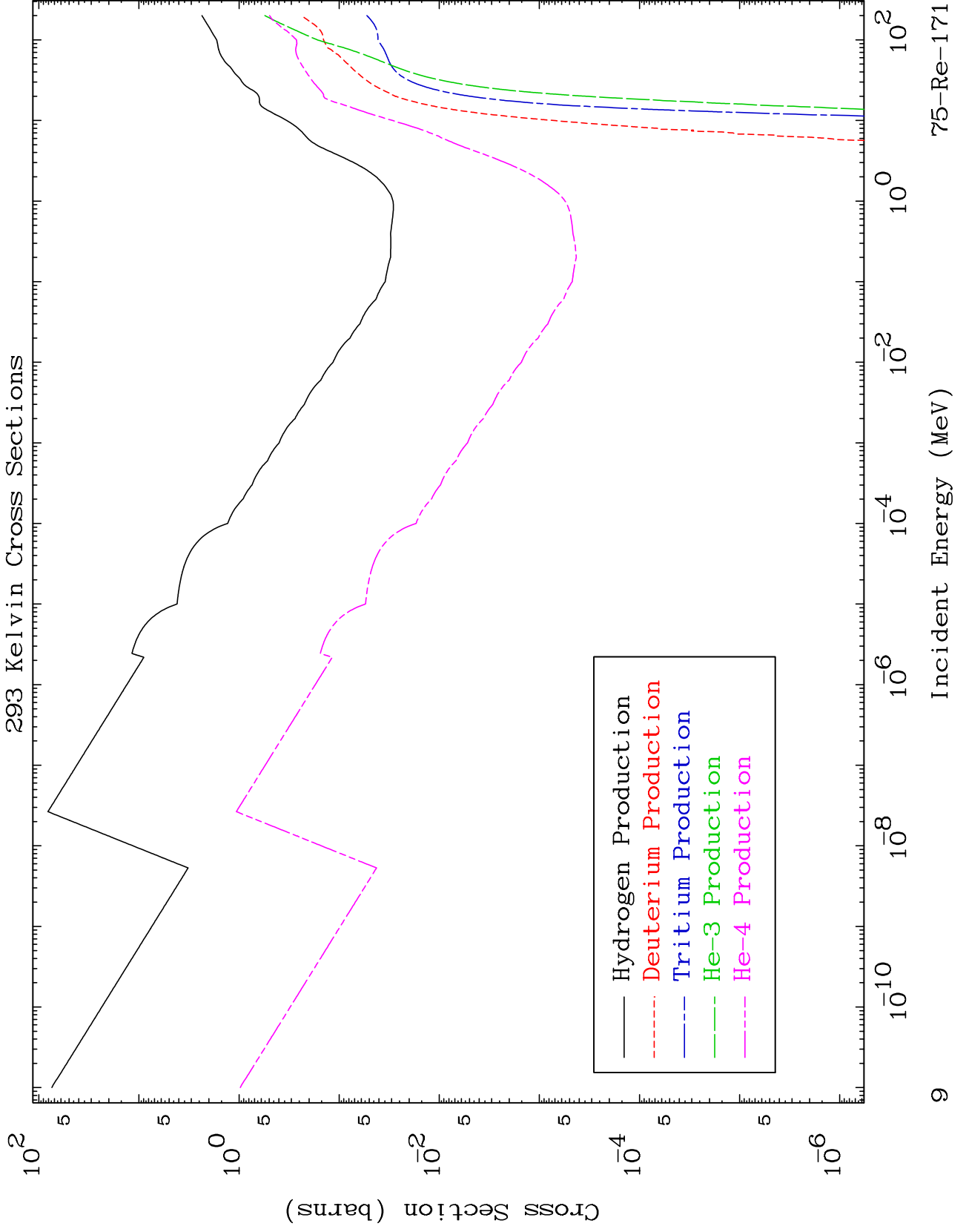
75-Re-171



MAT 7483

Particle Production
293 Kelvin Cross Sections

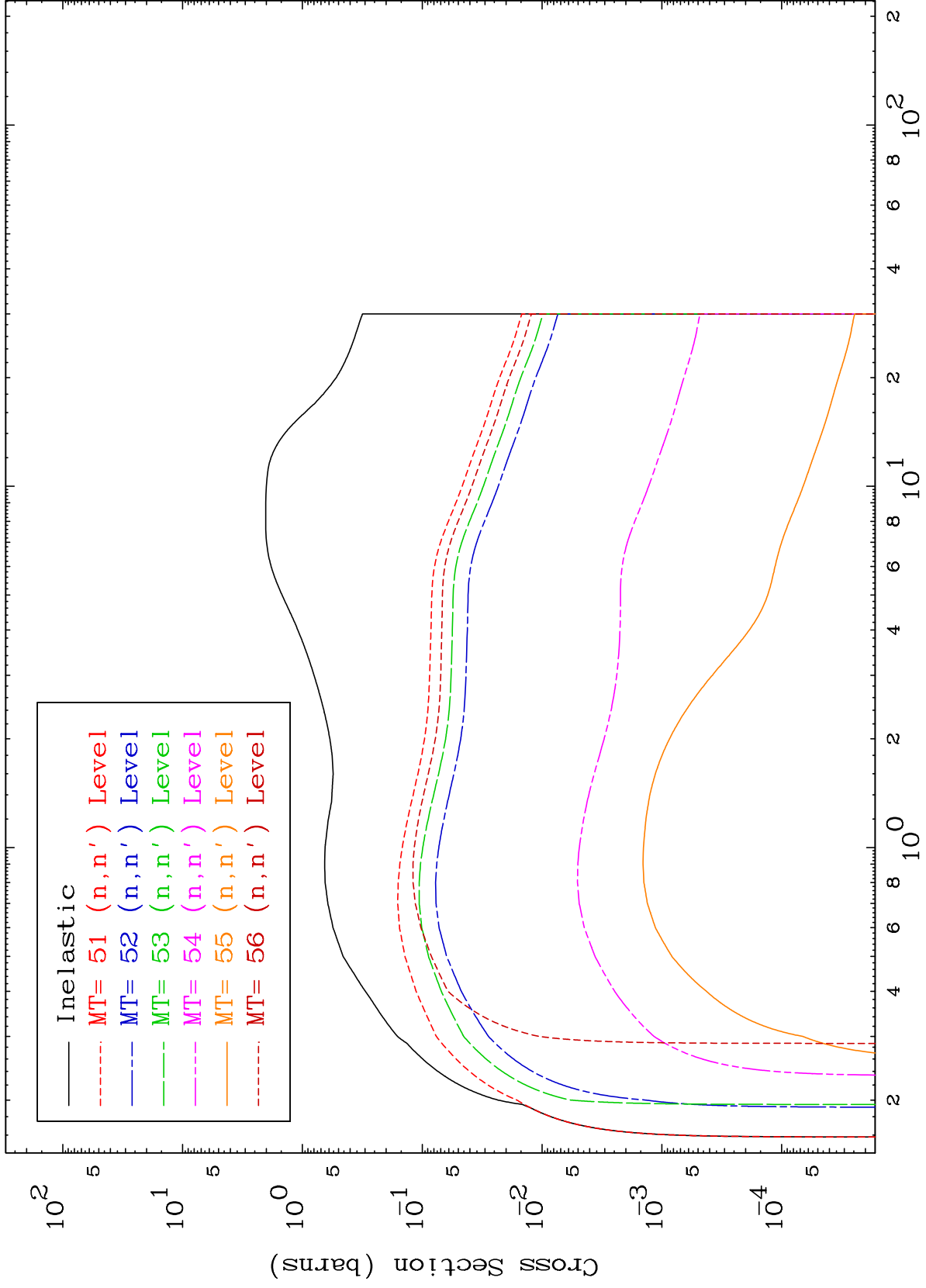
75-Re-171



MAT 7483

(n,n') Levels
293 Kelvin Cross Sections

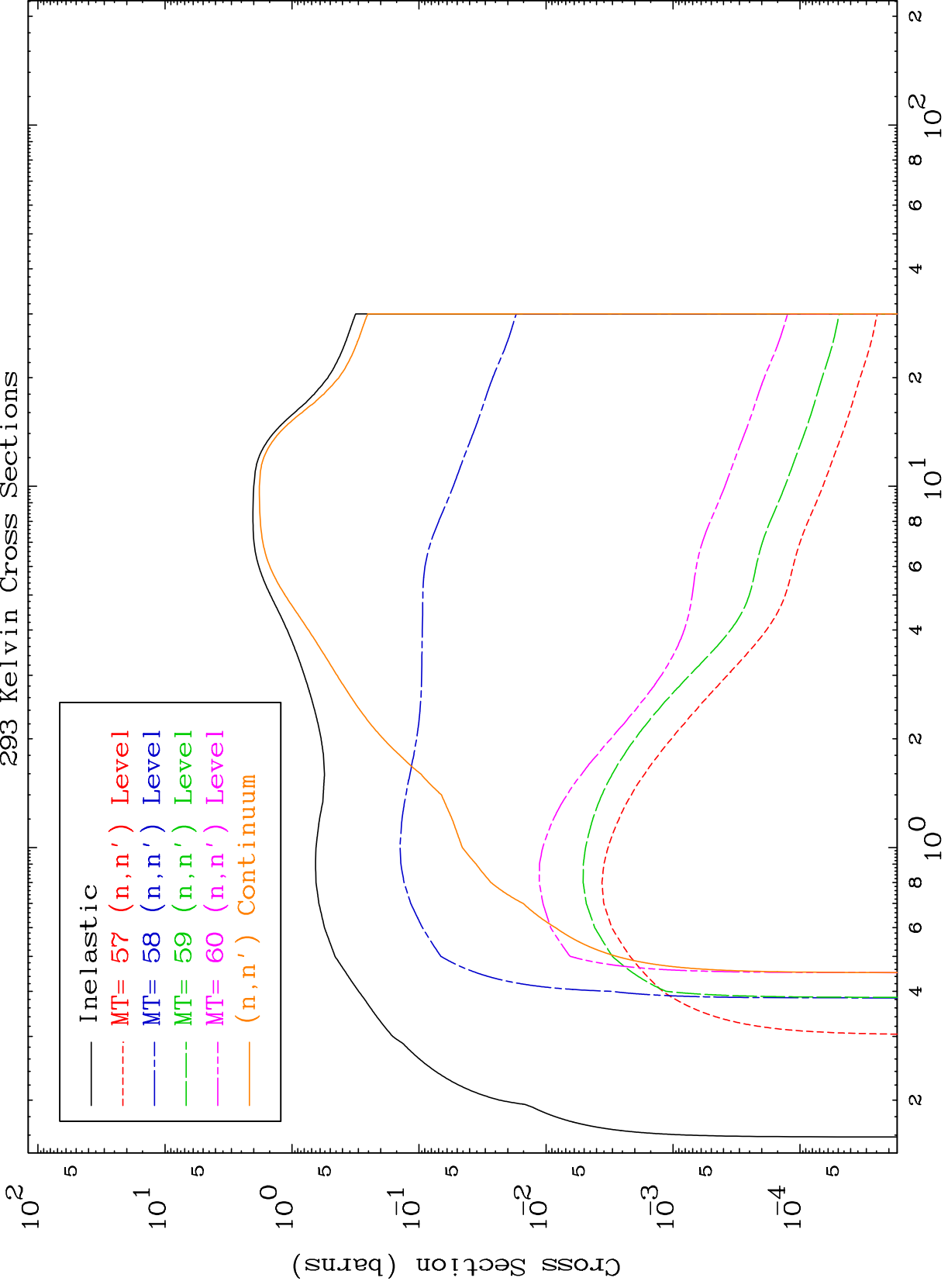
75-Re-171



10

Incident Energy (MeV)

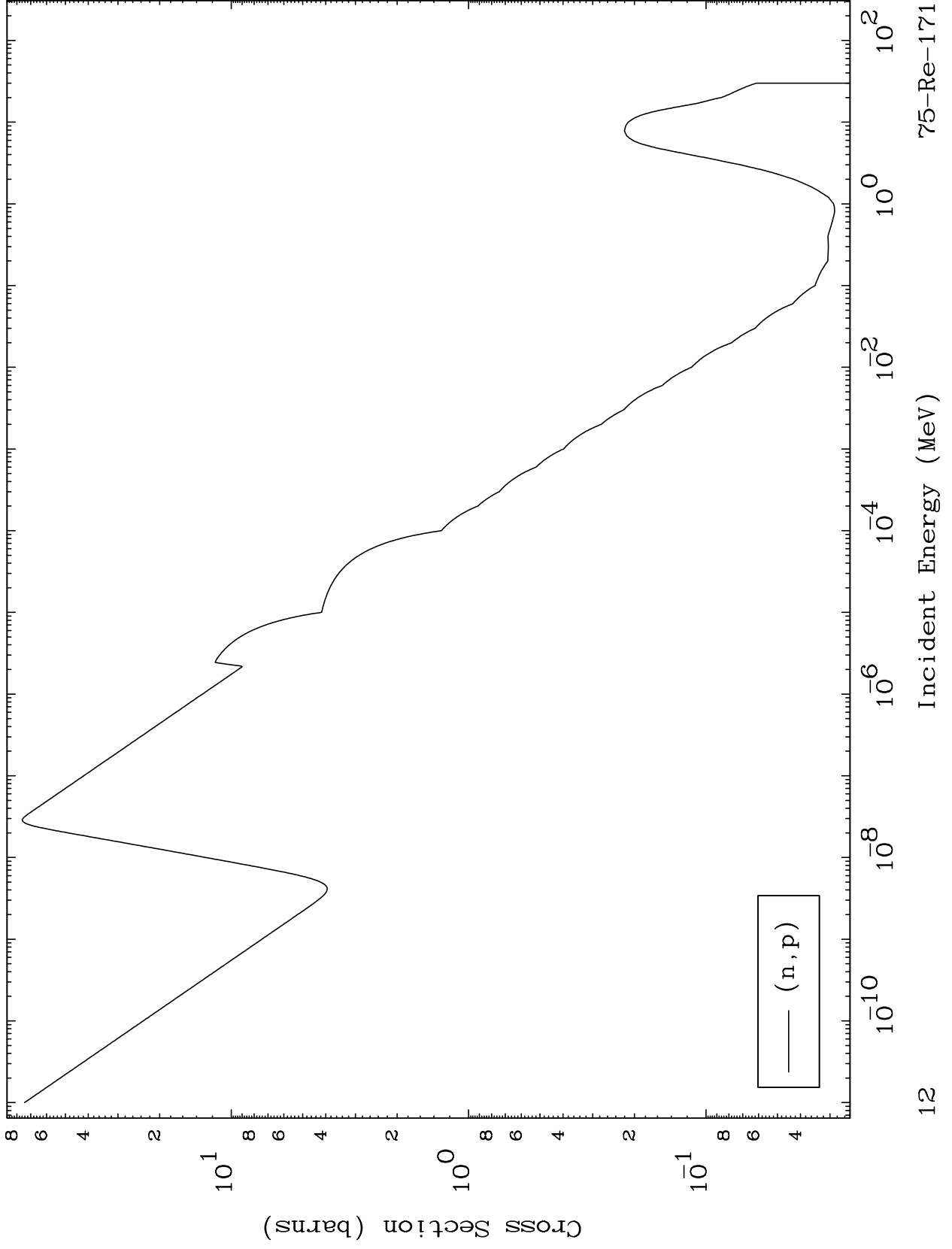
75-Re-171



MAT 7483

(n,p) Levels
293 Kelvin Cross Sections

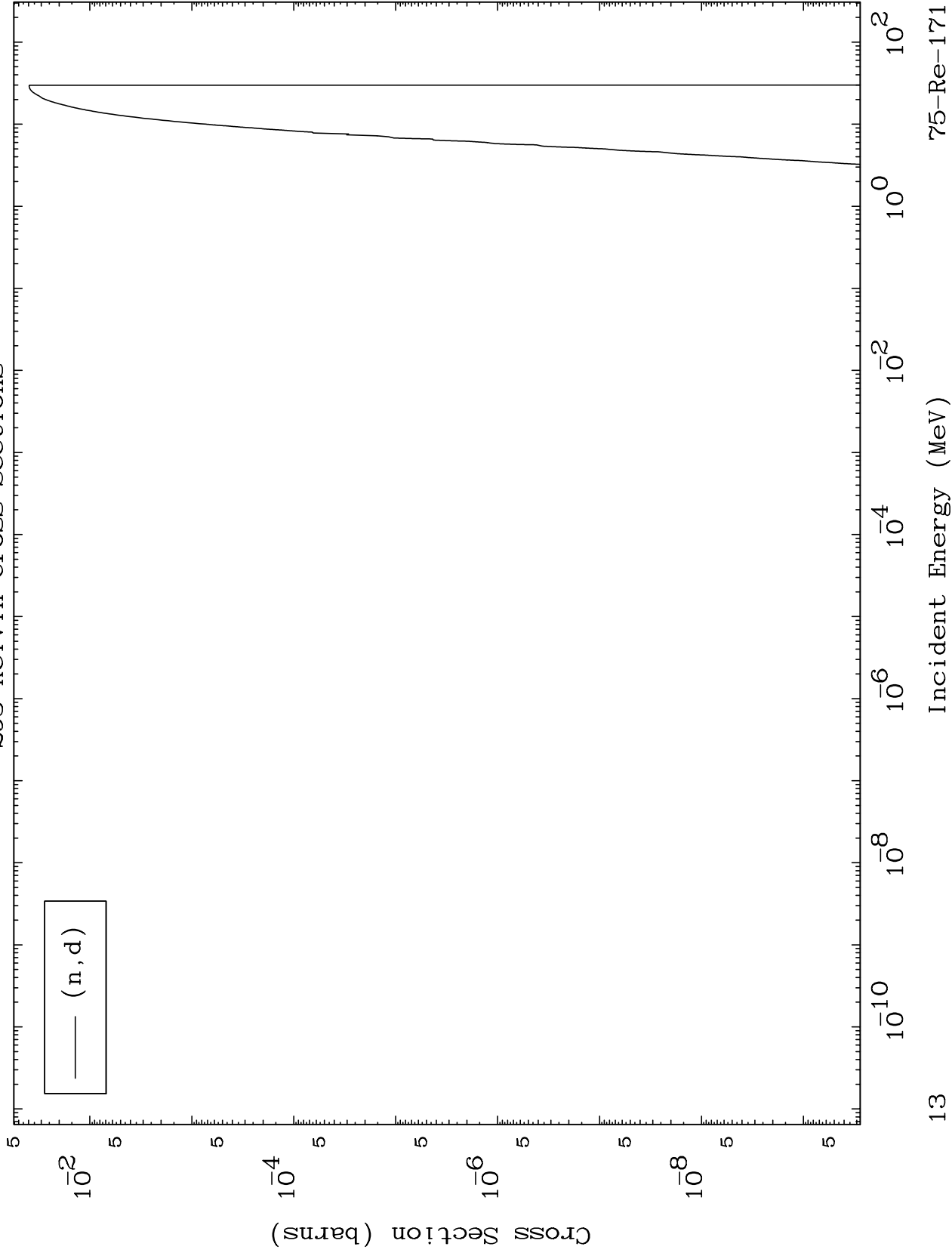
75-Re-171



MAT 7483

(n,d) Levels
293 Kelvin Cross Sections

75-Re-171



13

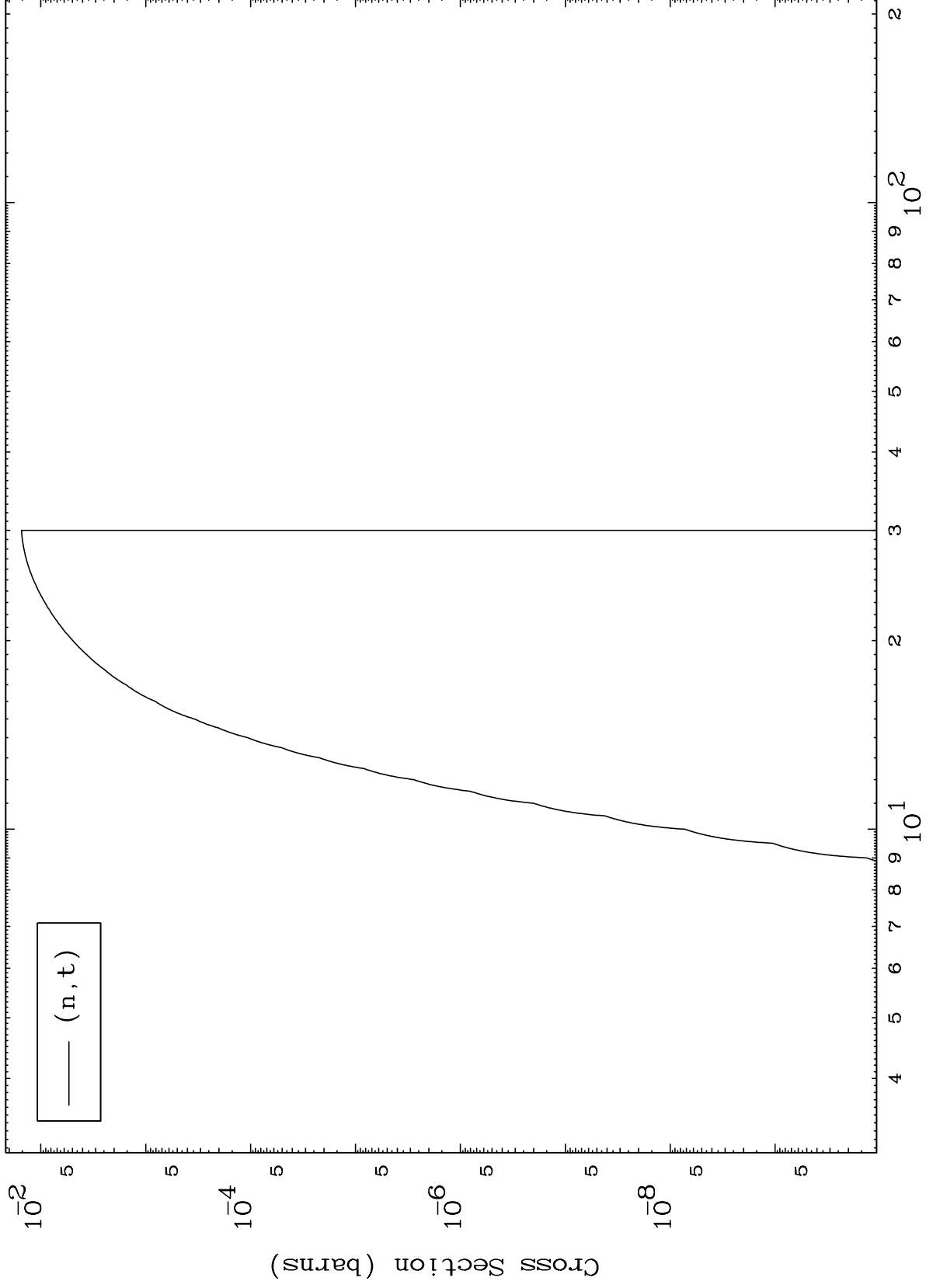
Incident Energy (MeV)

75-Re-171

MAT 7483

(n,t) Levels
293 Kelvin Cross Sections

75-Re-171



14

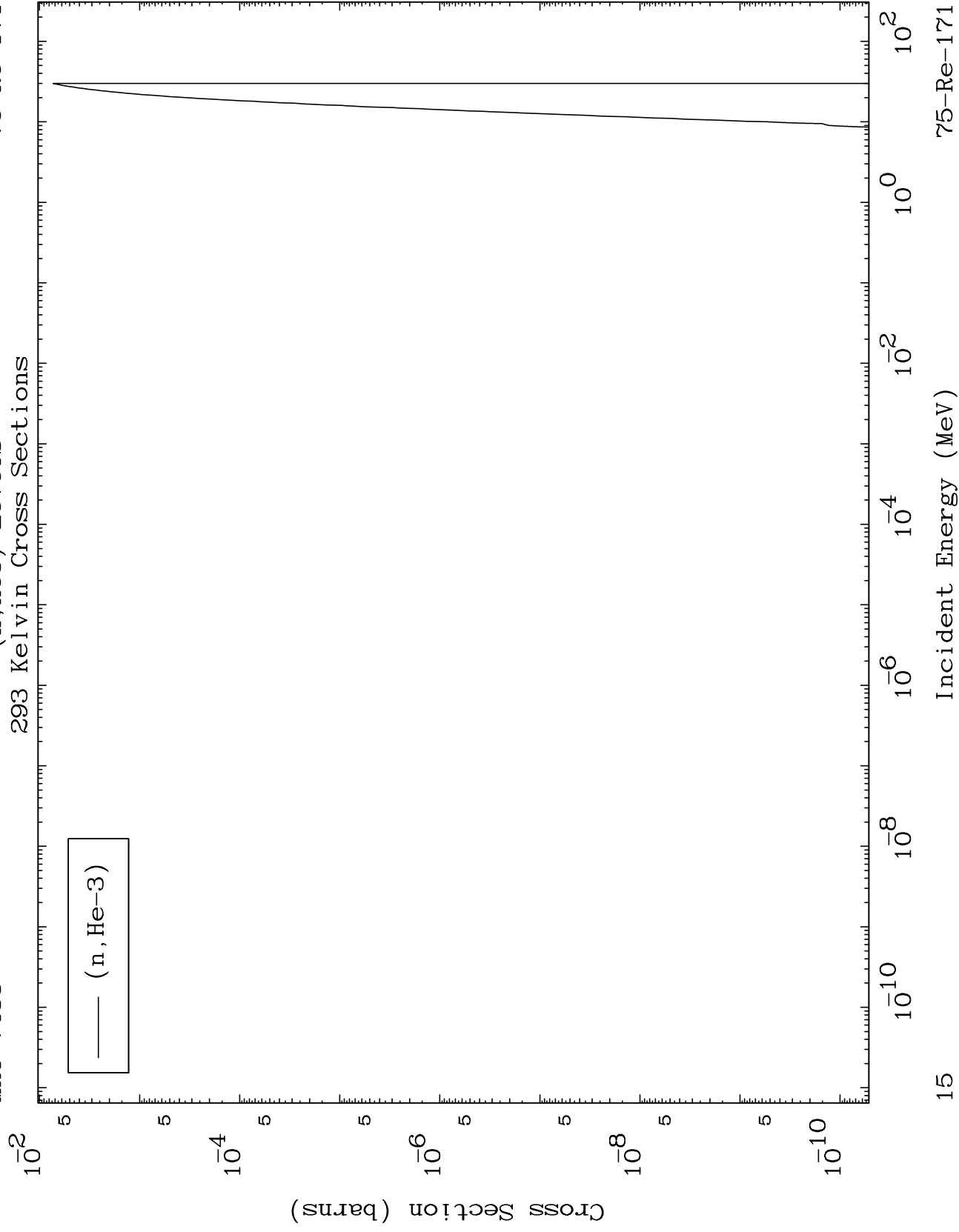
Incident Energy (MeV)

75-Re-171

MAT 7483

(n,He3) Levels
293 Kelvin Cross Sections

75-Re-171

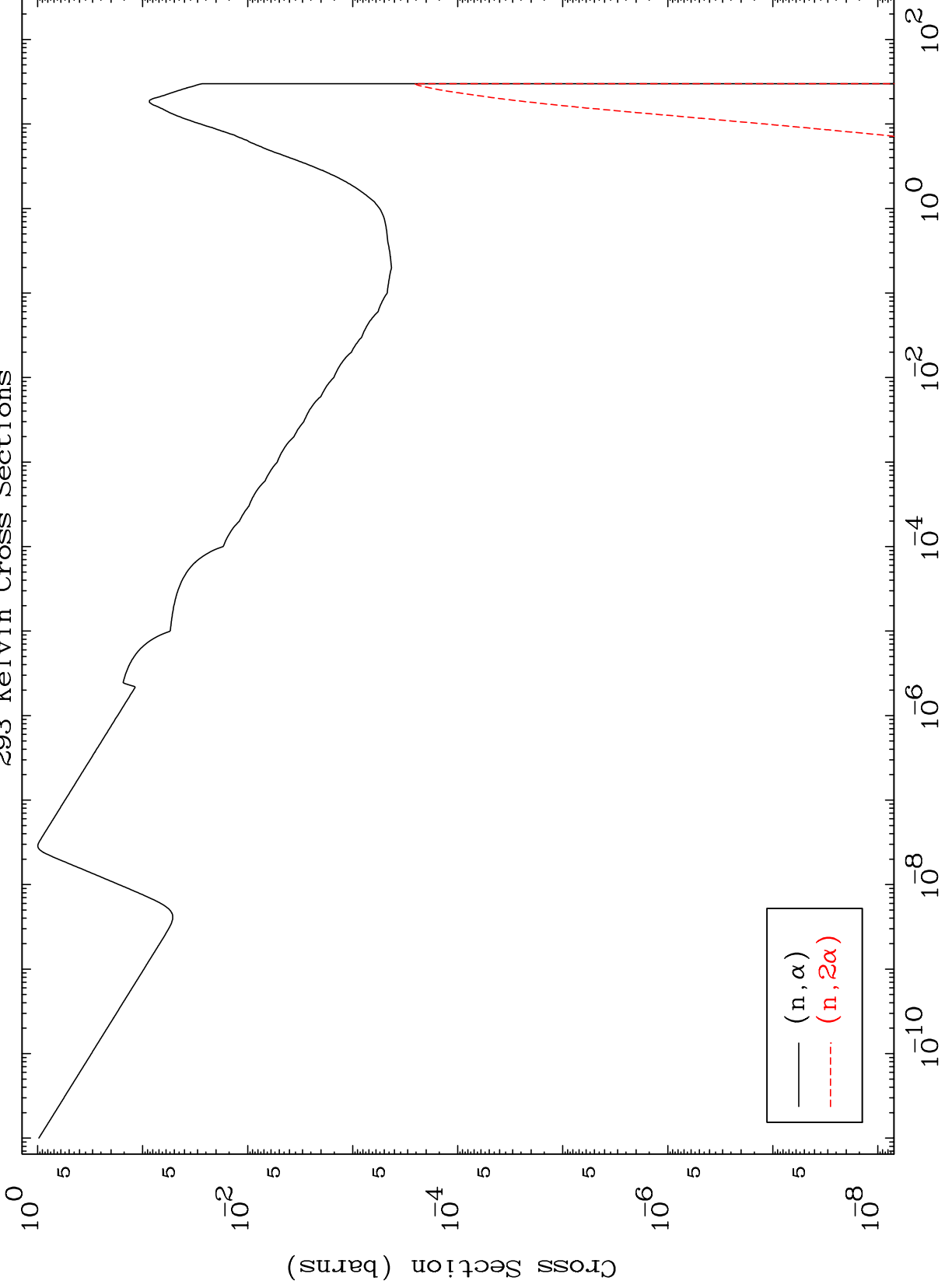


15

MAT 7483

(n, α) Levels
293 Kelvin Cross Sections

75-Re-171



16

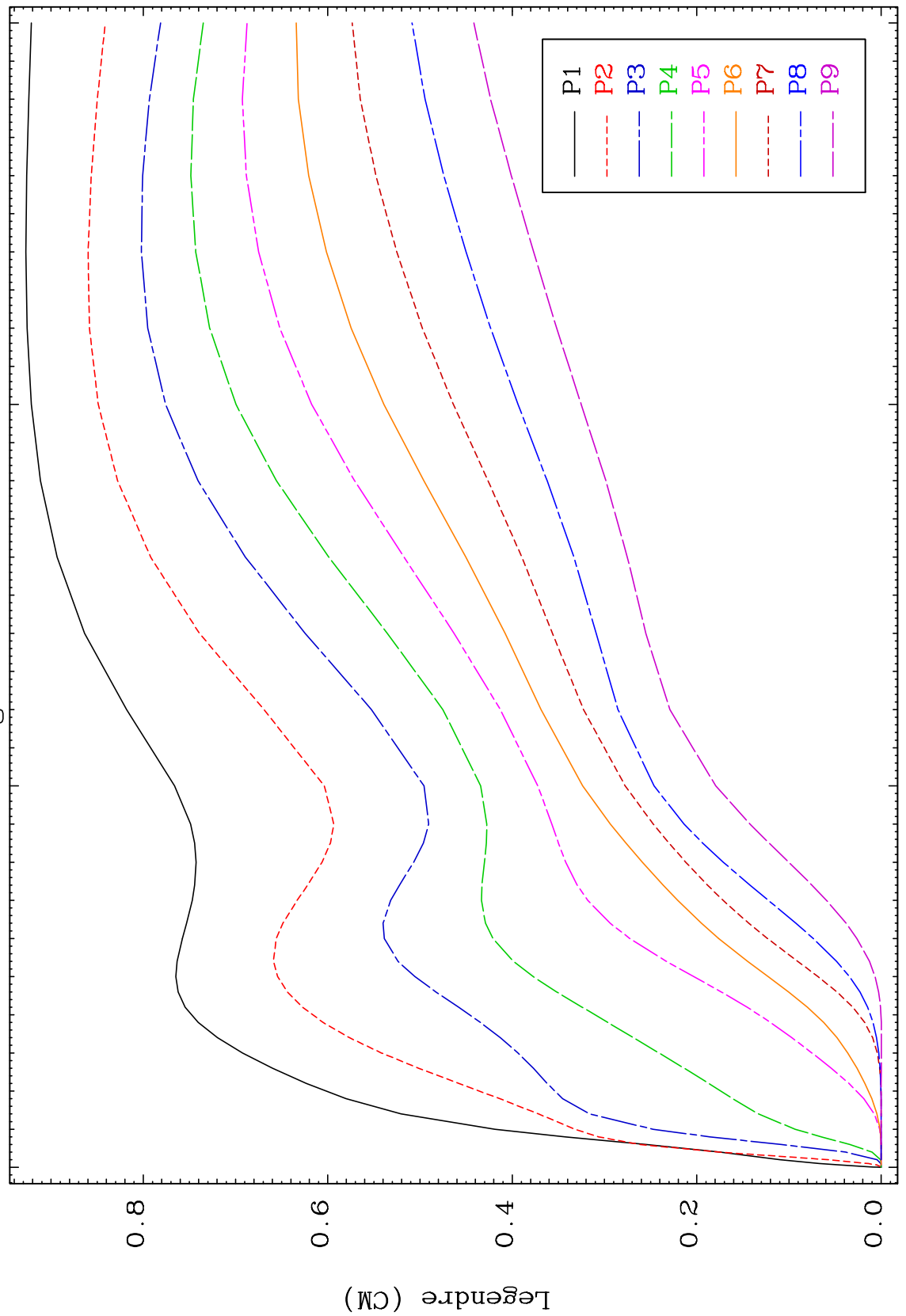
Incident Energy (MeV)

75-Re-171

MAT 7483

Elastic Legendre Coefficients

75-Re-171



17

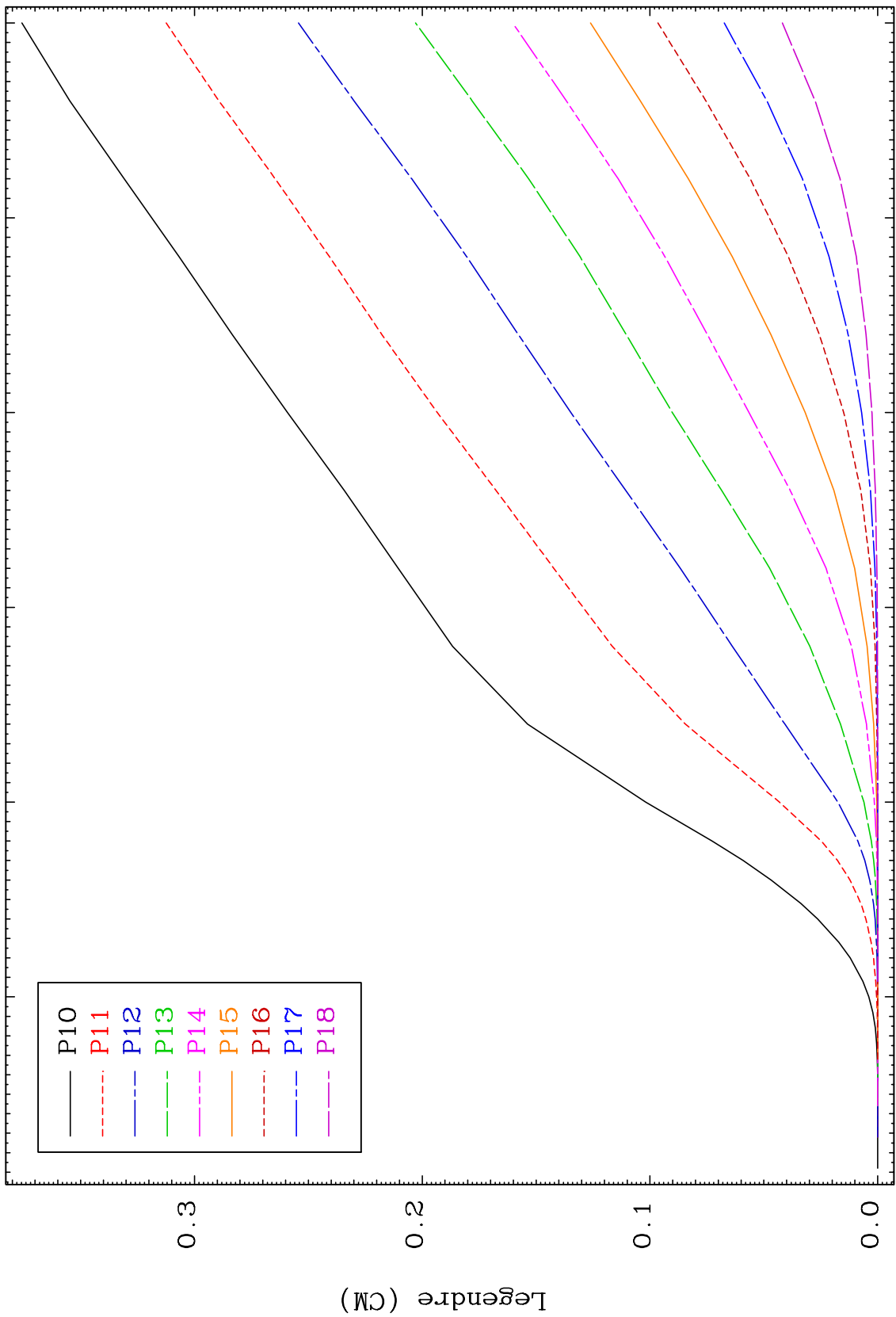
Incident Energy (MeV)

75-Re-171

MAT 7483

Elastic Legendre Coefficients

75-Re-171



18

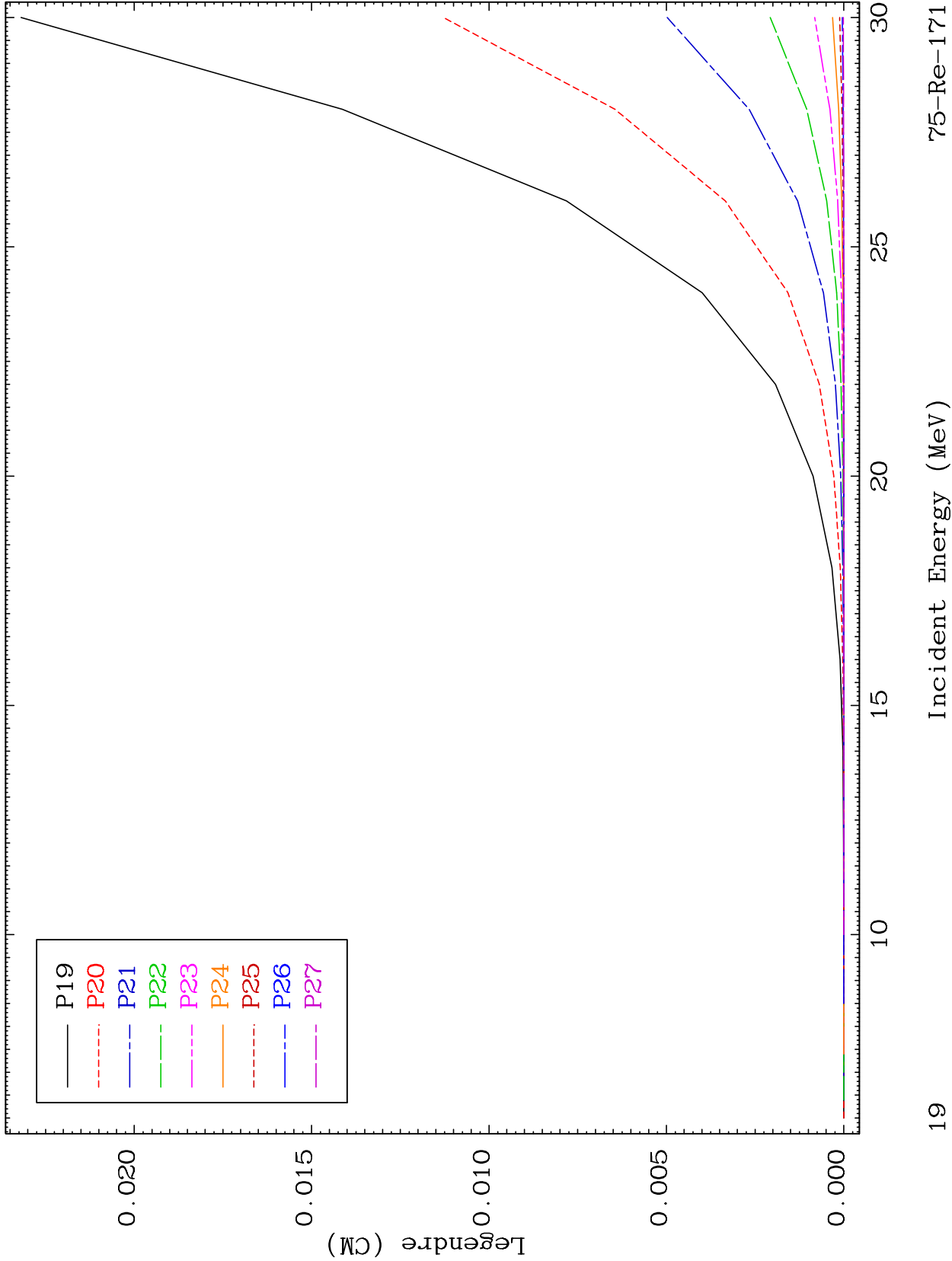
Incident Energy (MeV)

75-Re-171

MAT 7483

Elastic Legendre Coefficients

75-Re-171



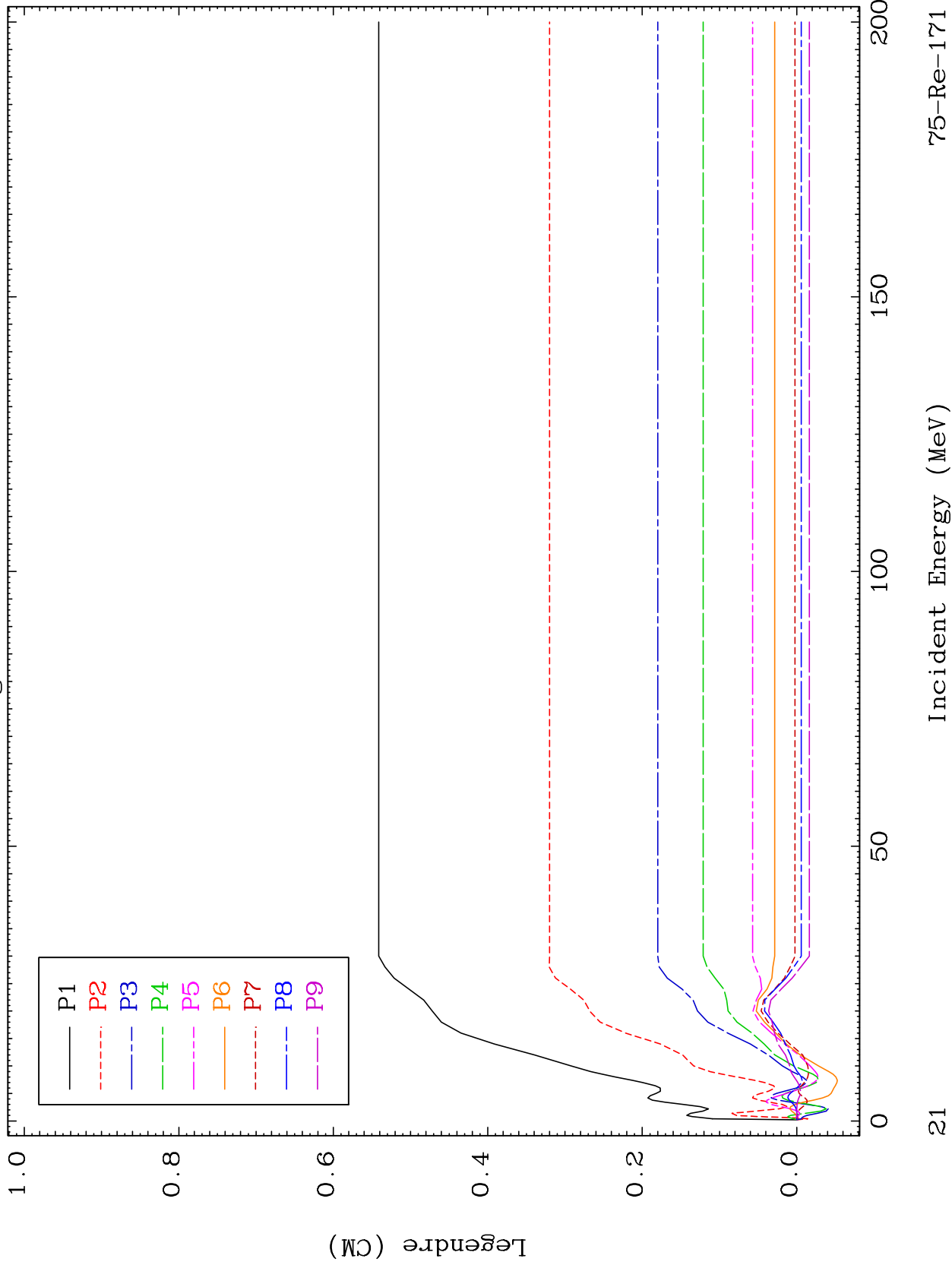
19

75-Re-171

MAT 7483

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

75-Re-171



21

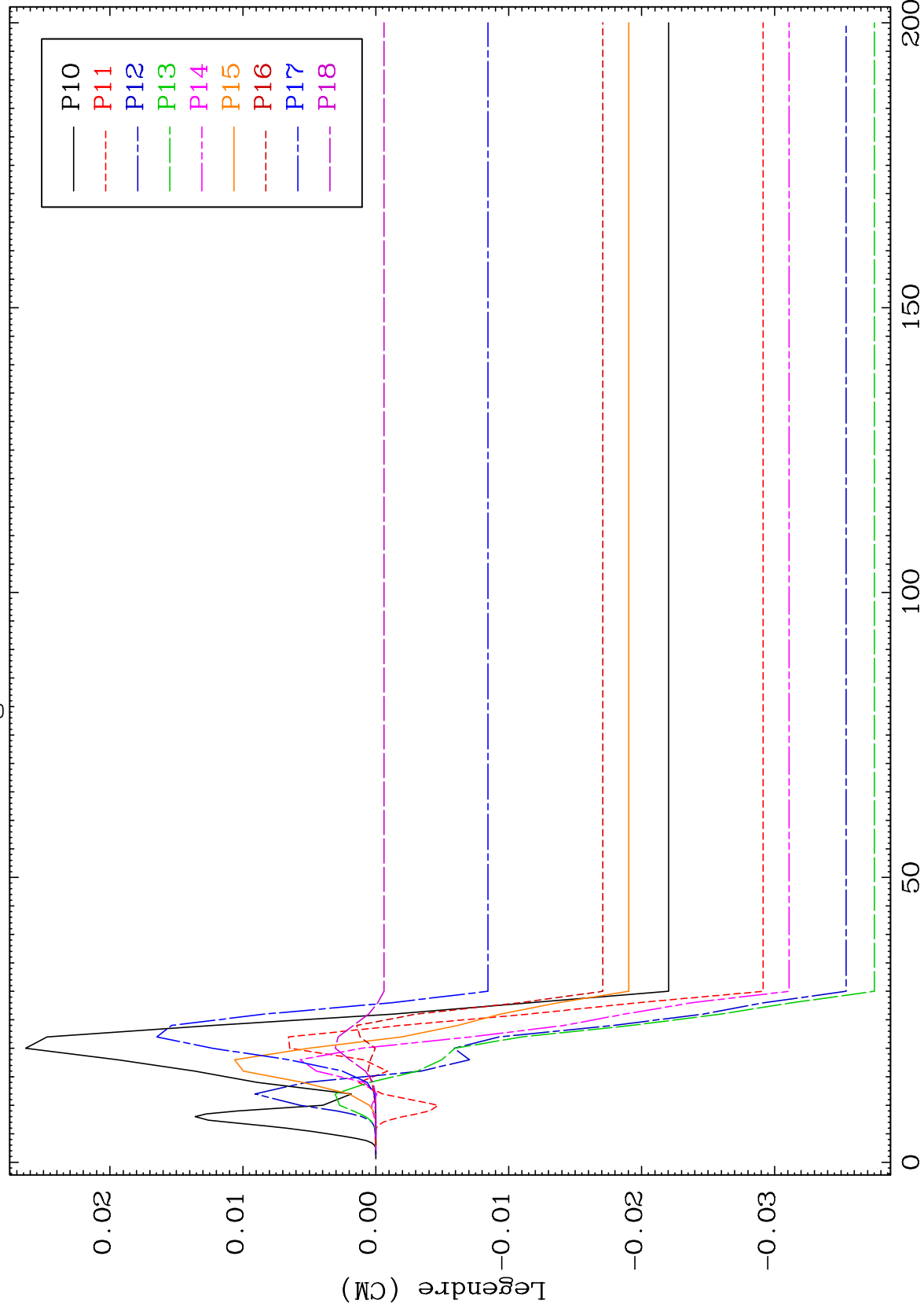
Incident Energy (MeV)

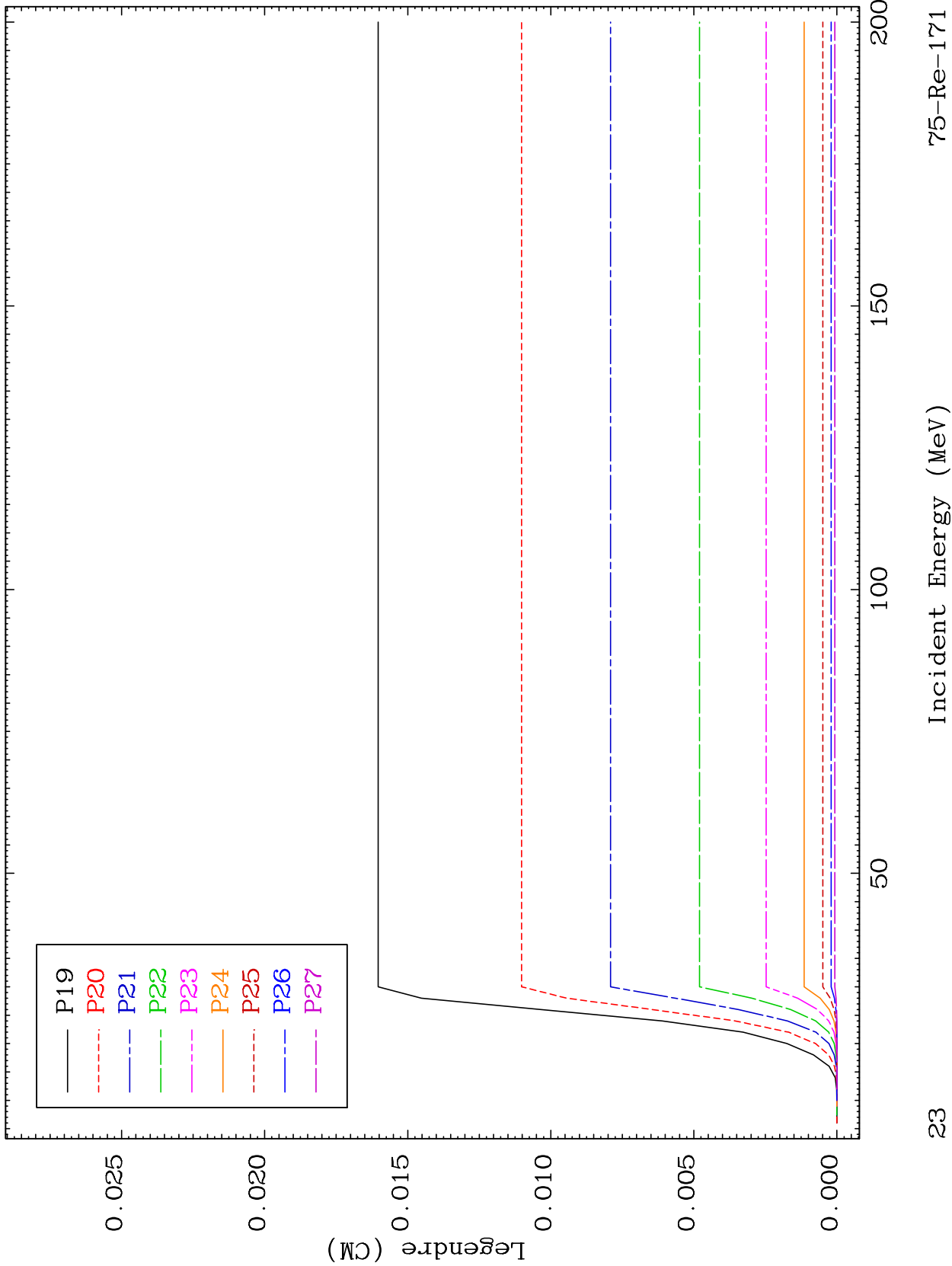
75-Re-171

MAT 7483

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

75-Re-171

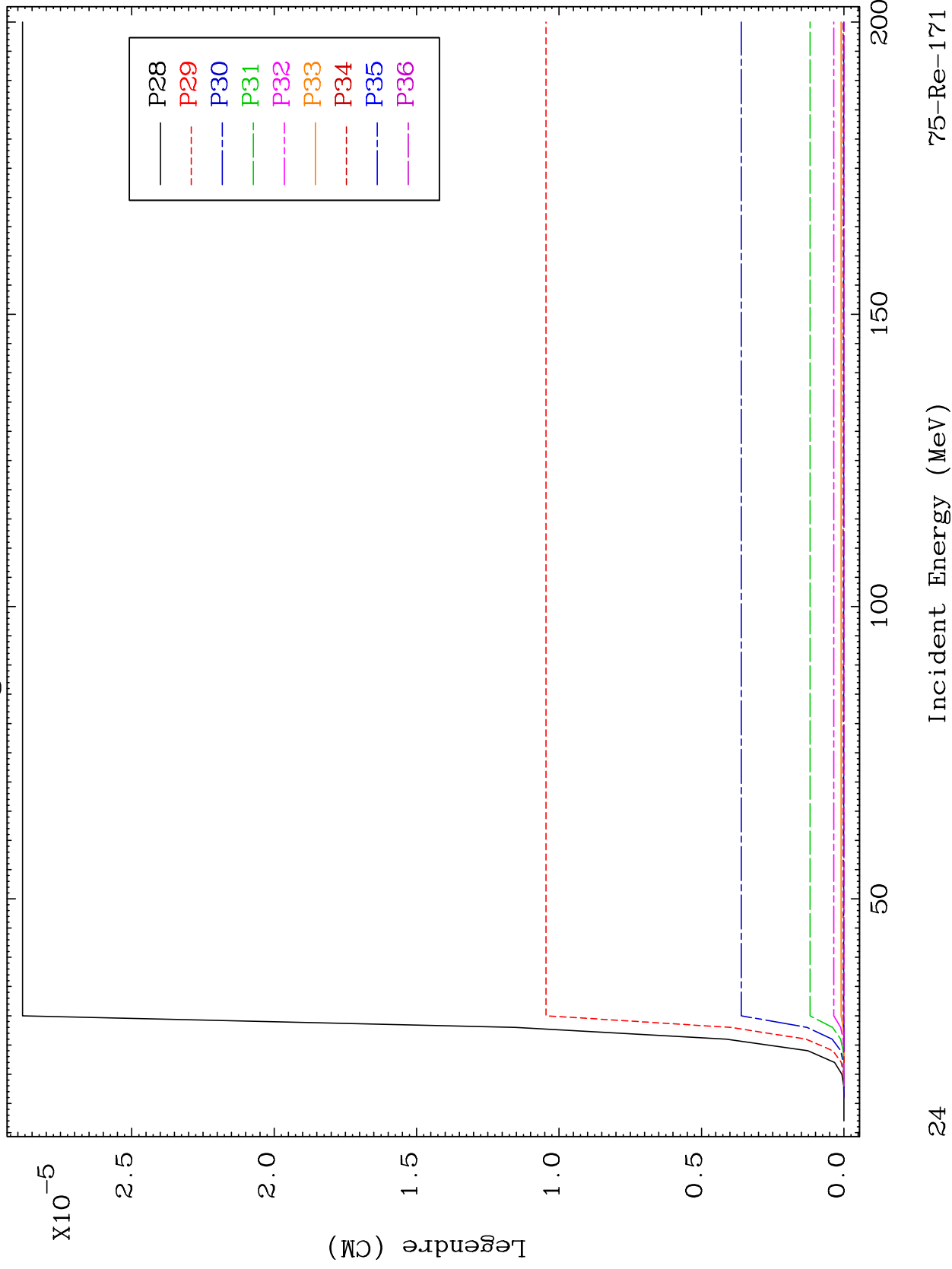




MAT 7483

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

75-Re-171



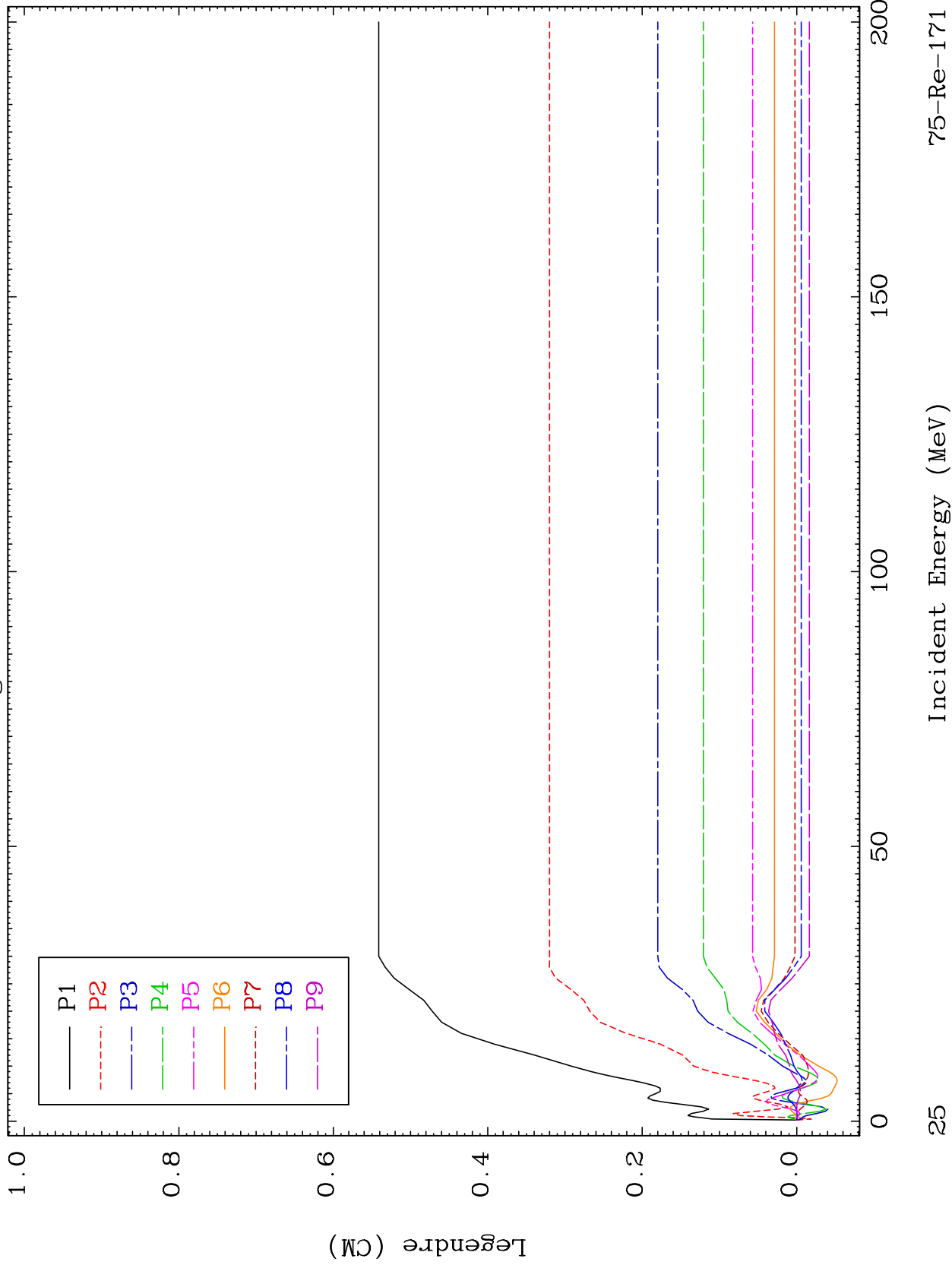
24

75-Re-171

MAT 7483

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

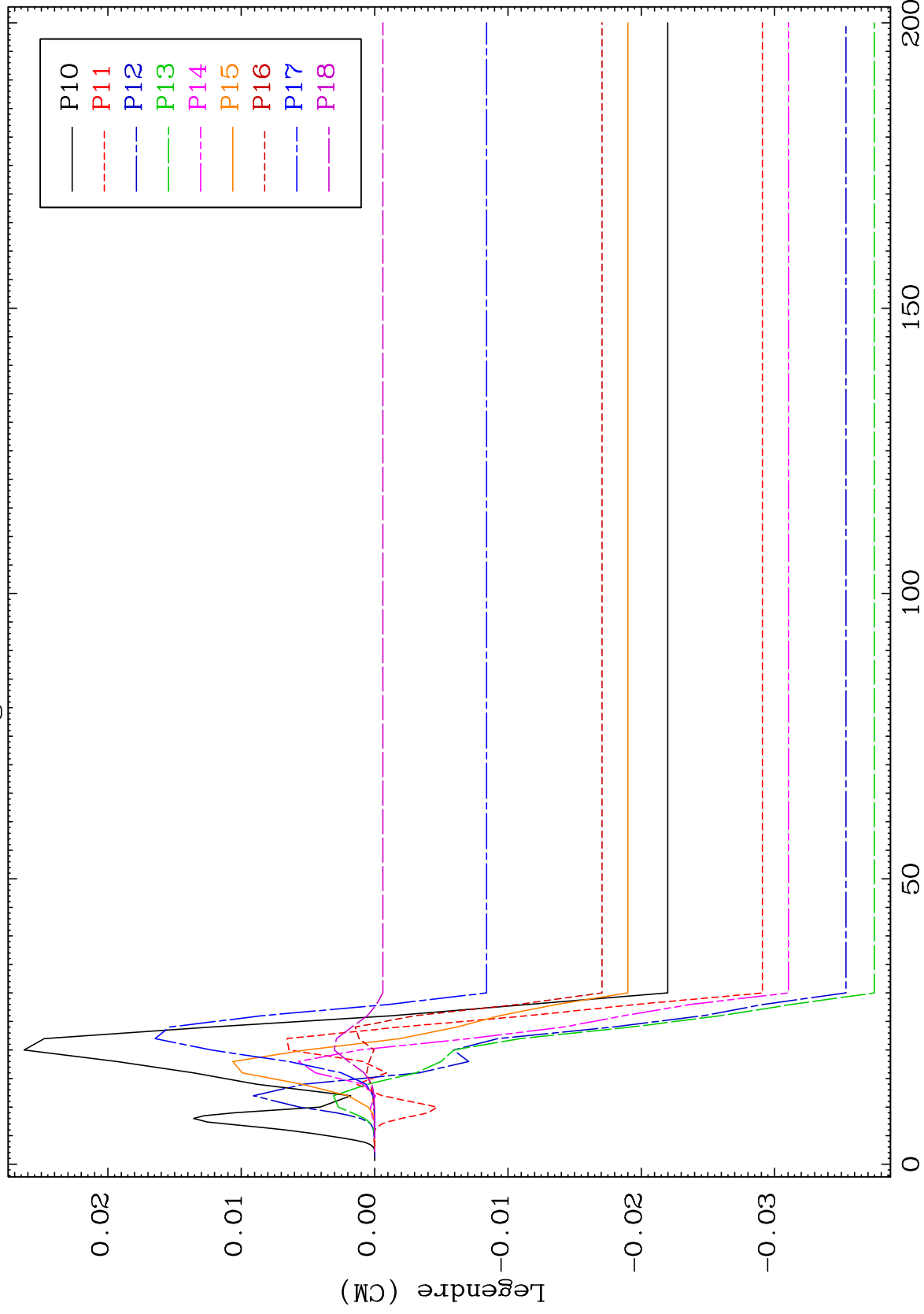
75-Re-171



MAT 7483

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

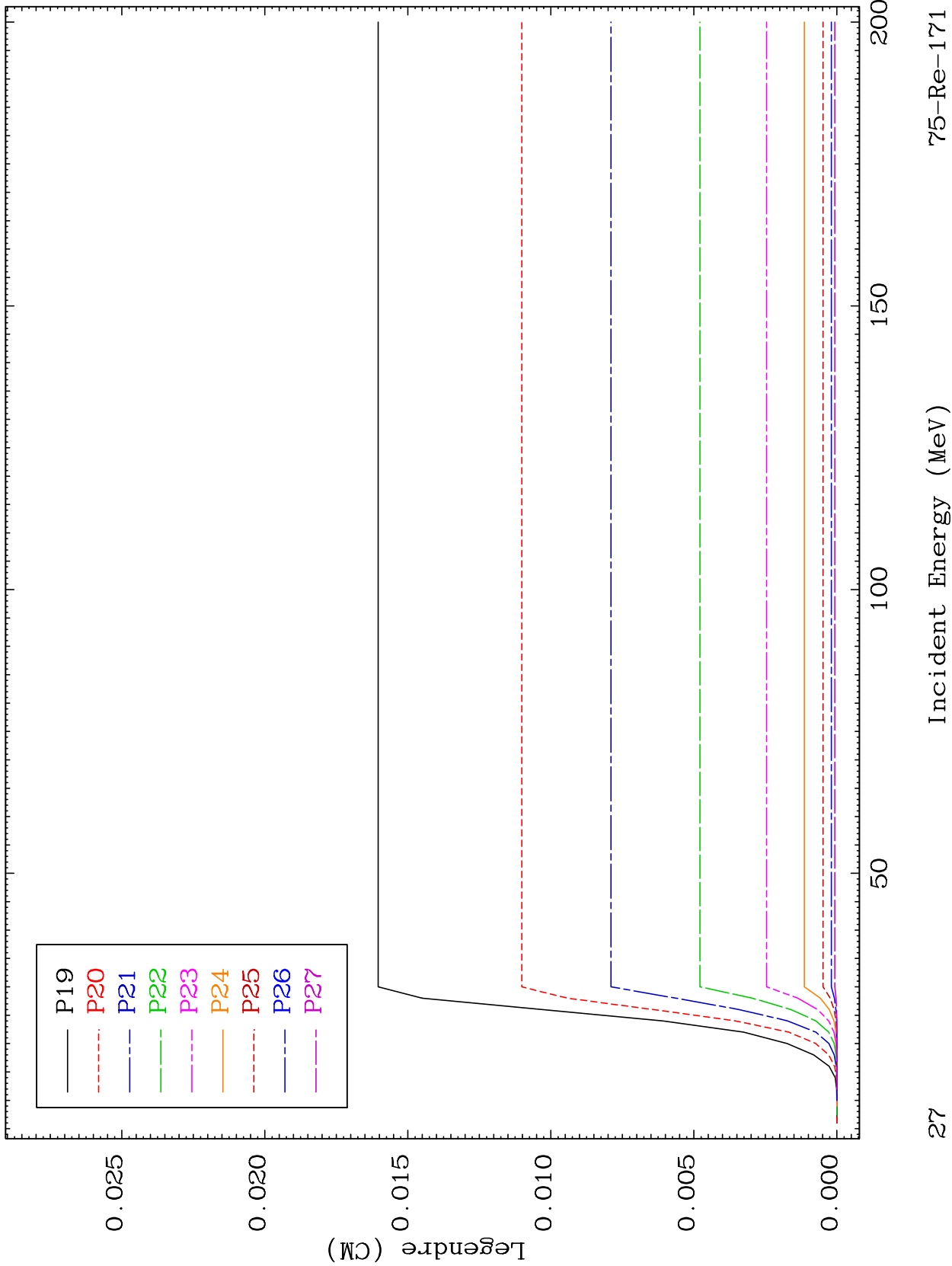
75-Re-171



26

Incident Energy (MeV)

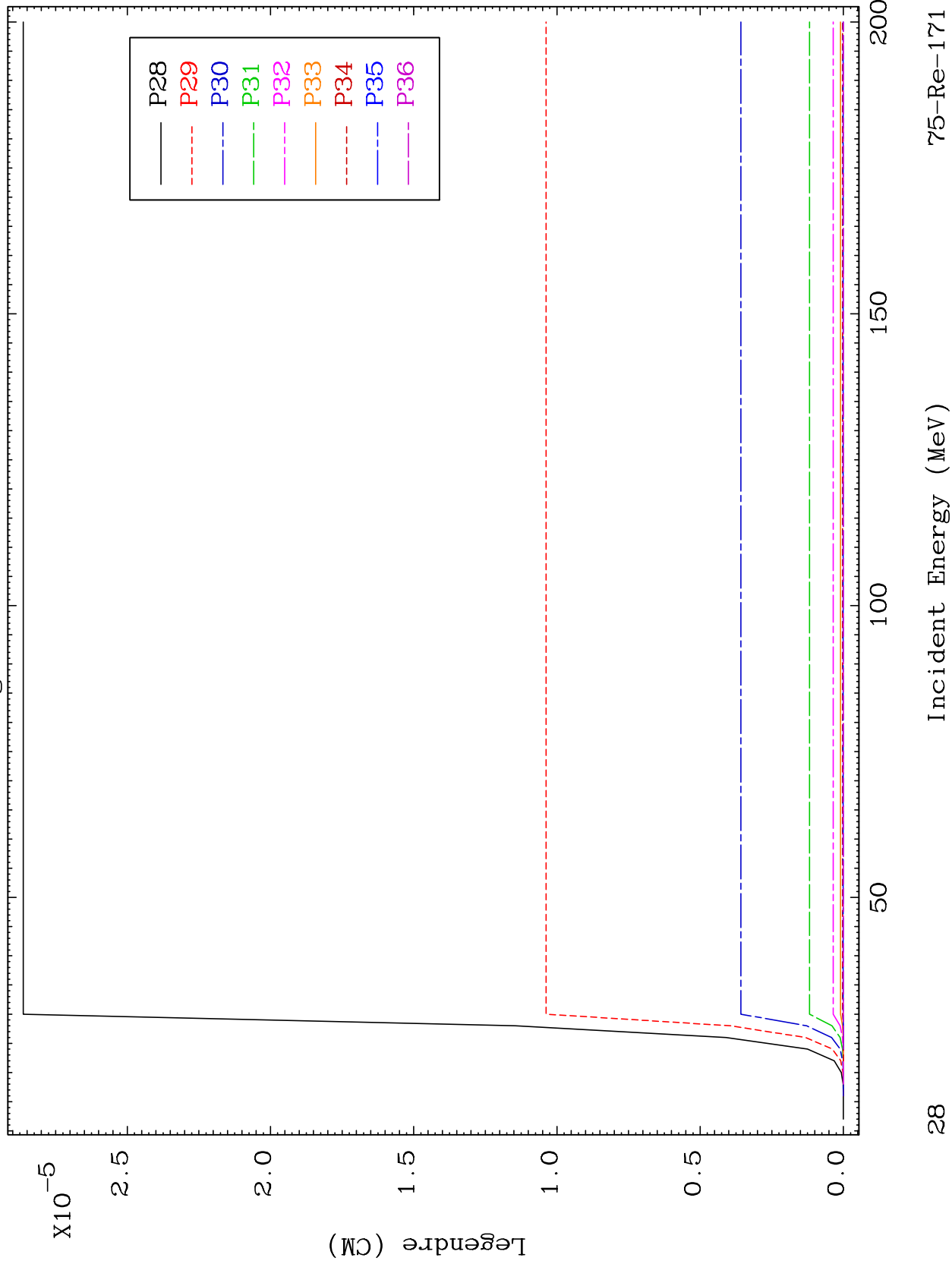
75-Re-171



MAT 7483

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

75-Re-171



28

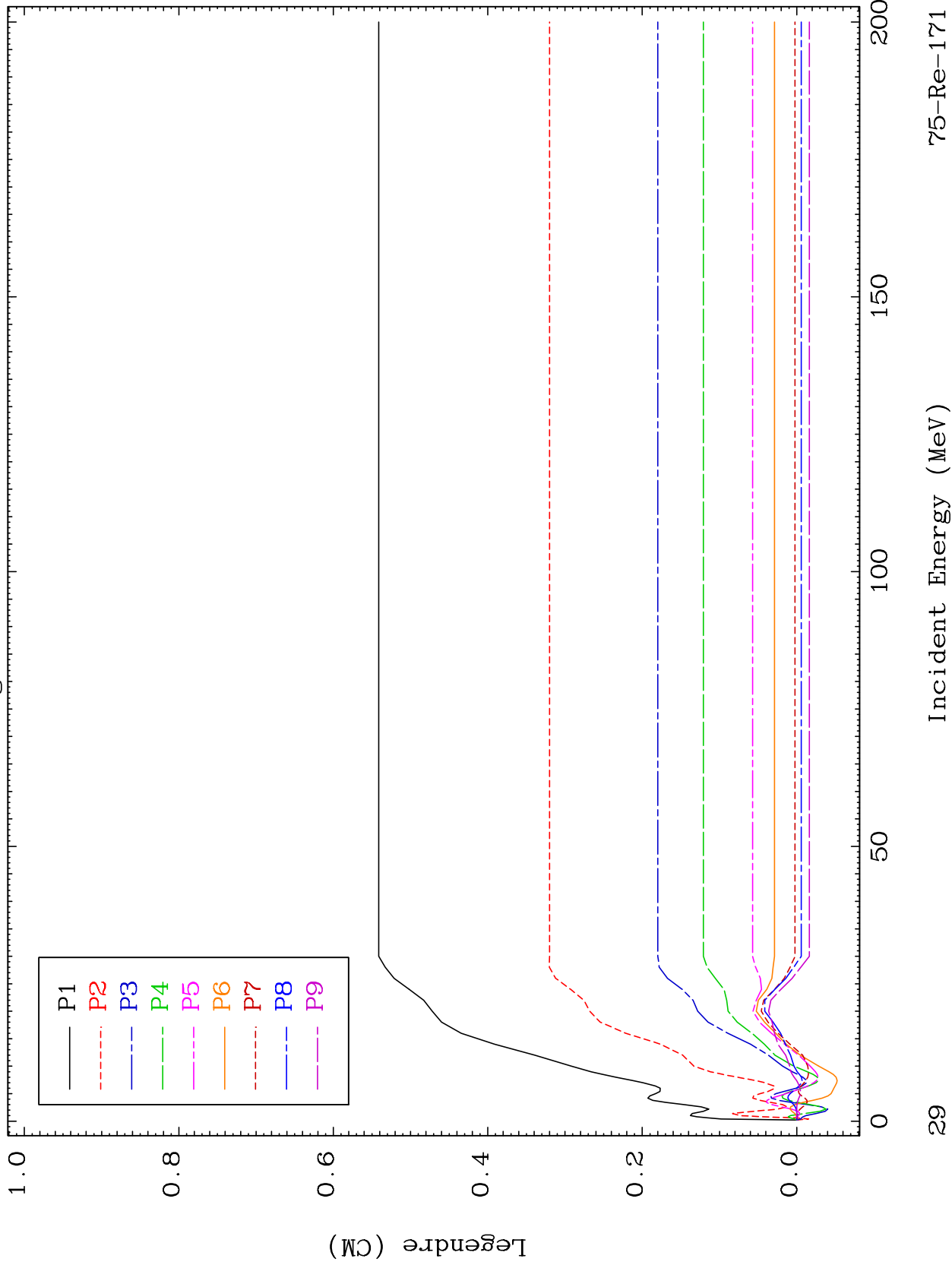
Incident Energy (MeV)

75-Re-171

MAT 7483

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

75-Re-171



29

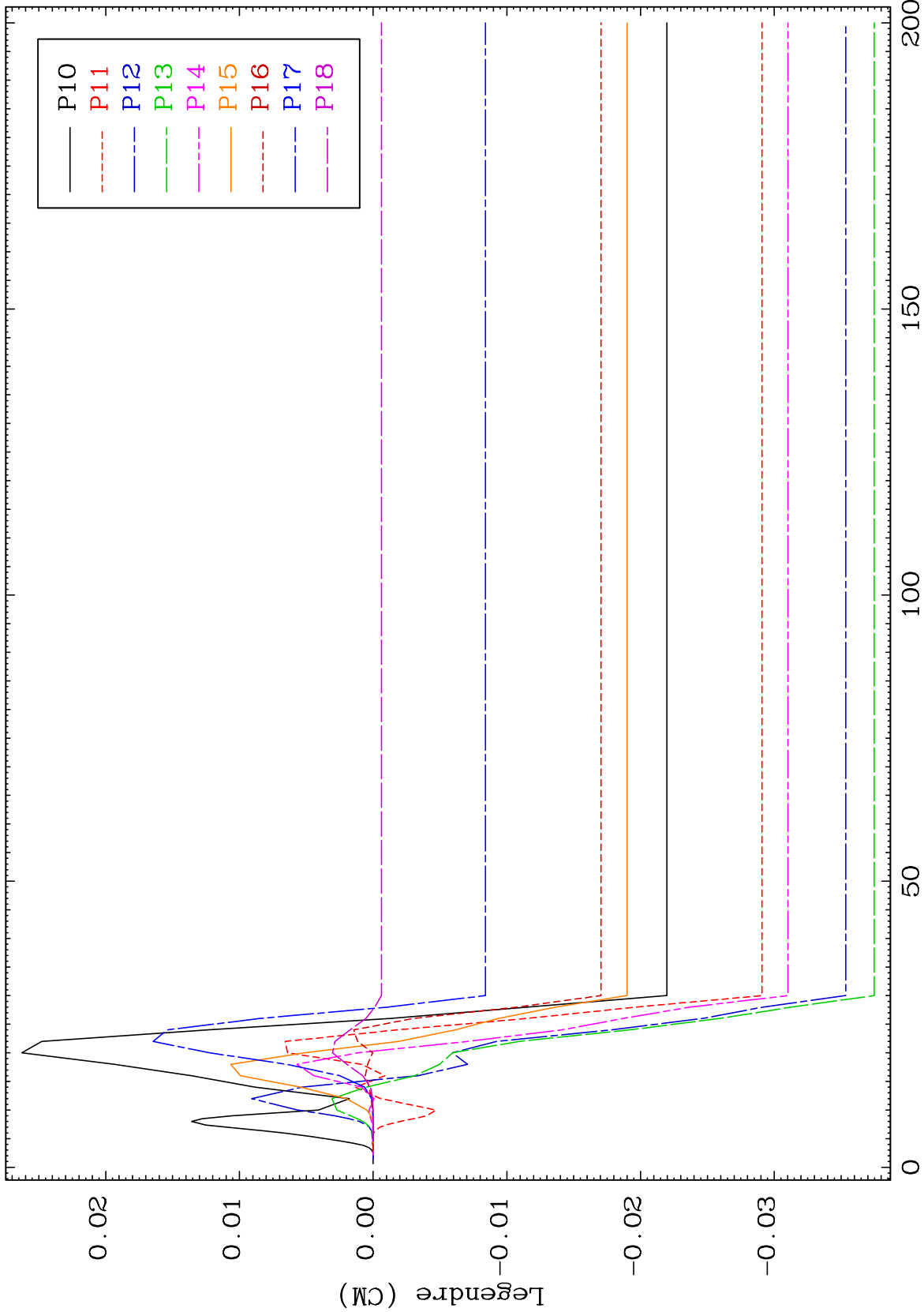
Incident Energy (MeV)

75-Re-171

MAT 7483

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

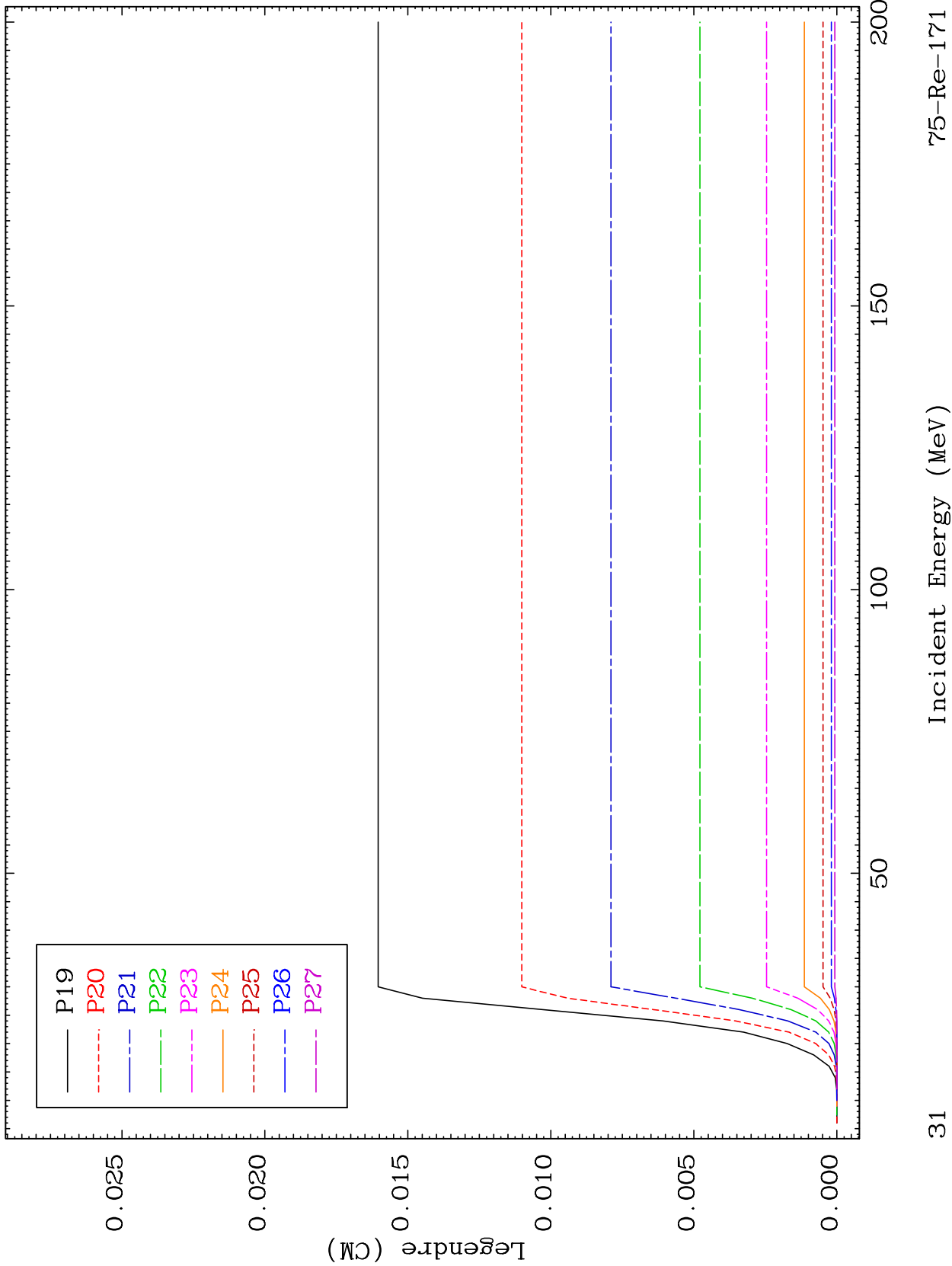
75-Re-171

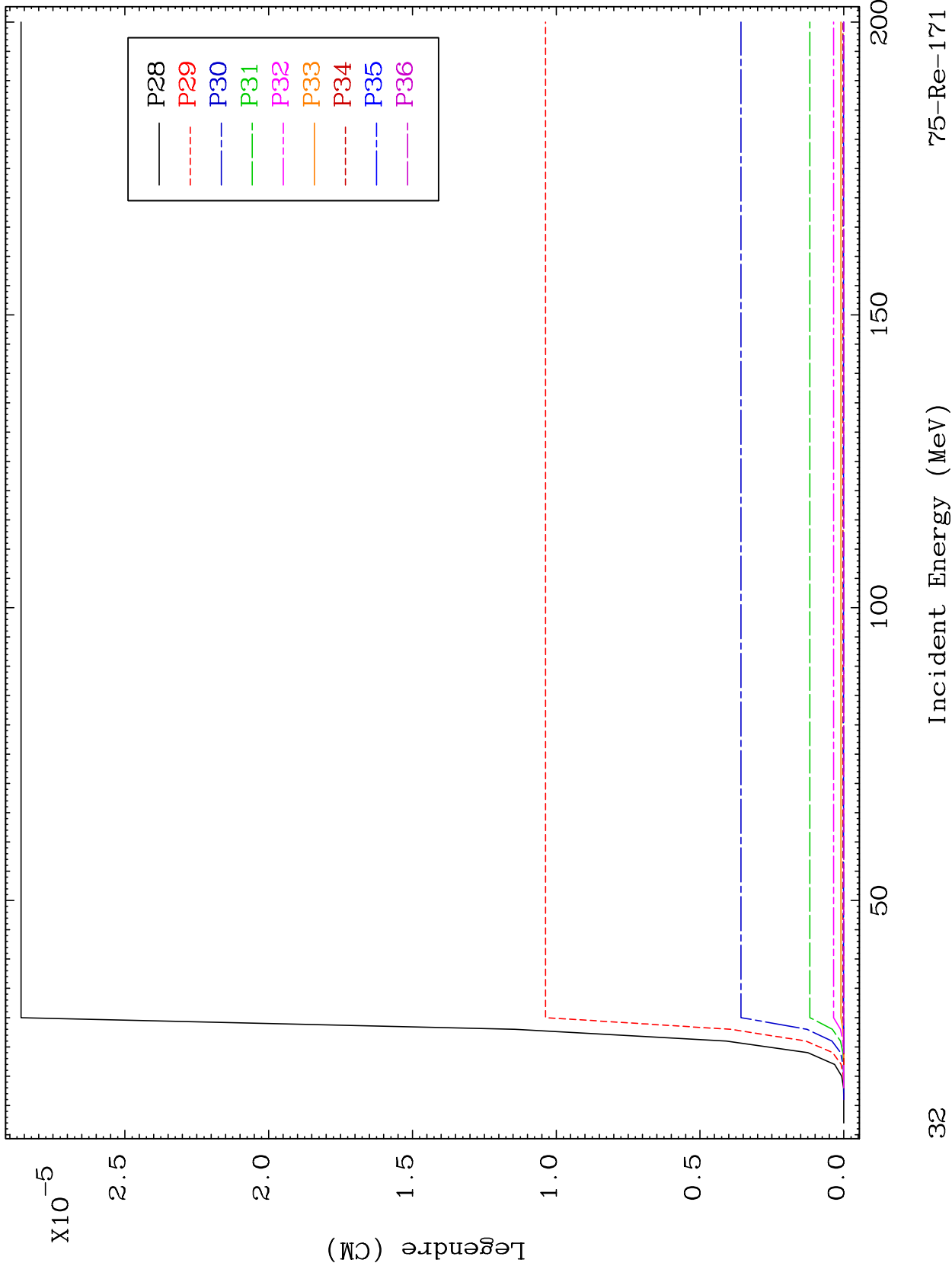


75-Re-171

Incident Energy (MeV)

30

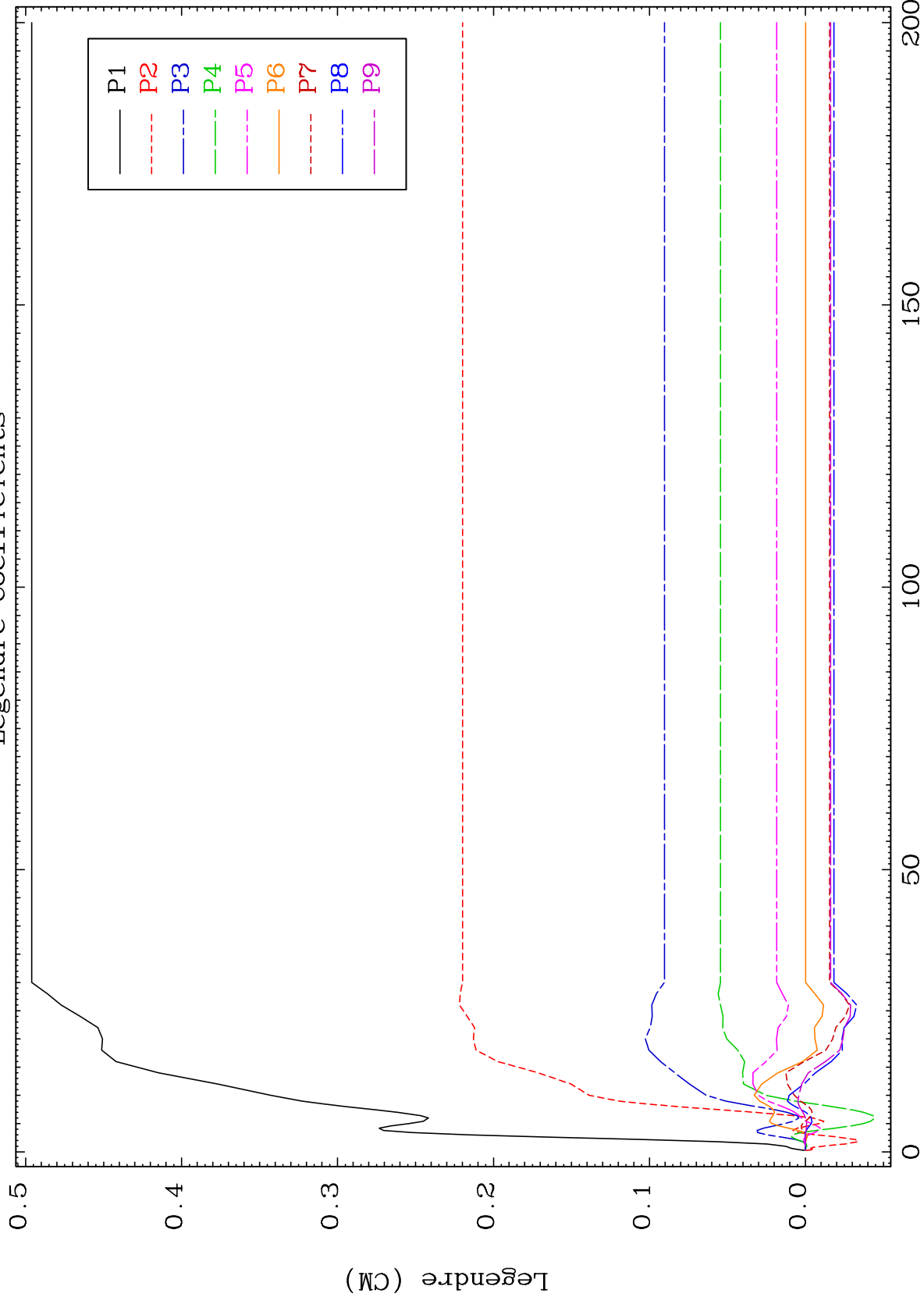




MAT 7483

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

75-Re-171



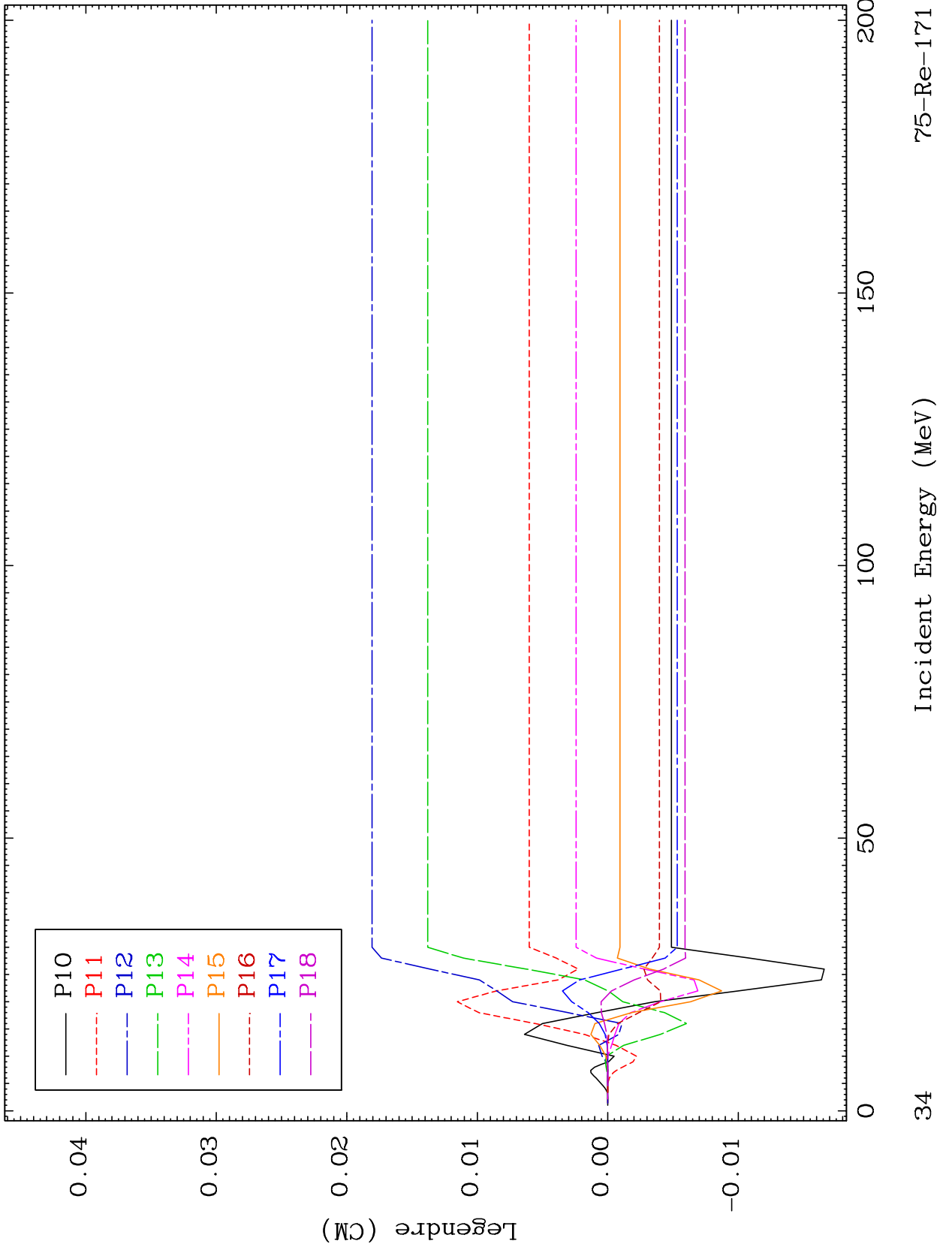
33

75-Re-171

MAT 7483

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

75-Re-171



34

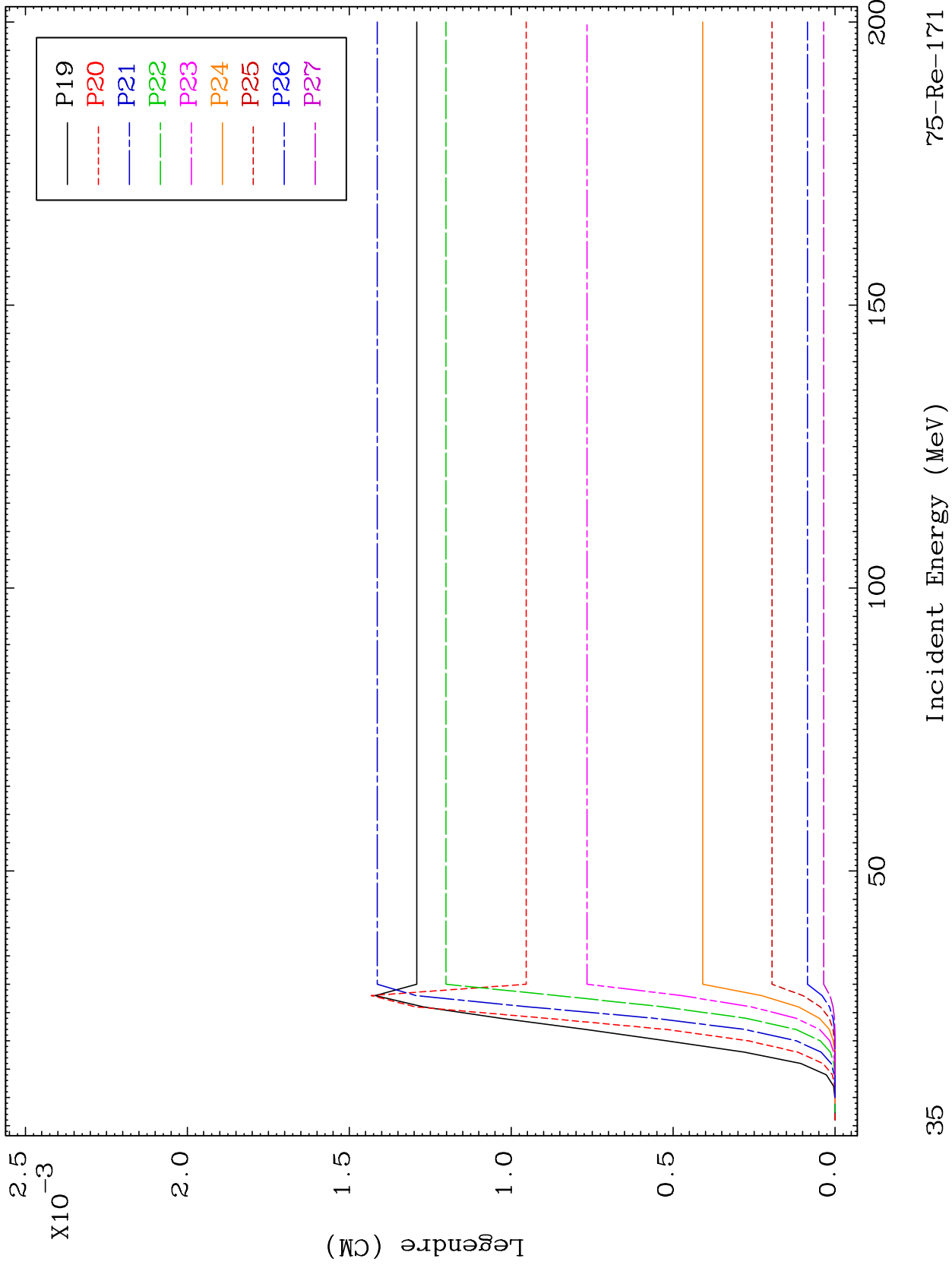
Incident Energy (MeV)

75-Re-171

MAT 7483

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

75-Re-171



35

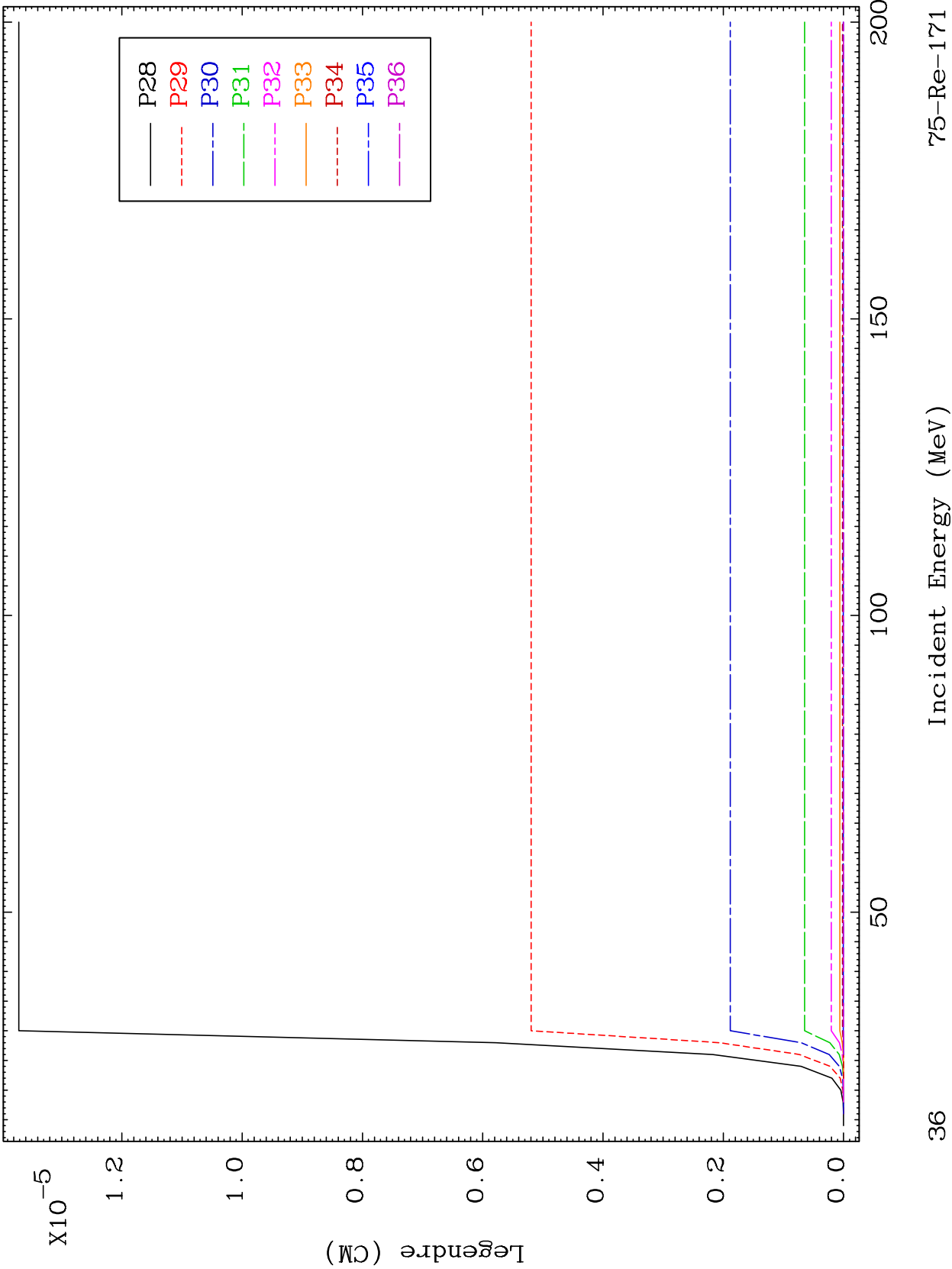
Incident Energy (MeV)

75-Re-171

MAT 7483

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

75-Re-171



36

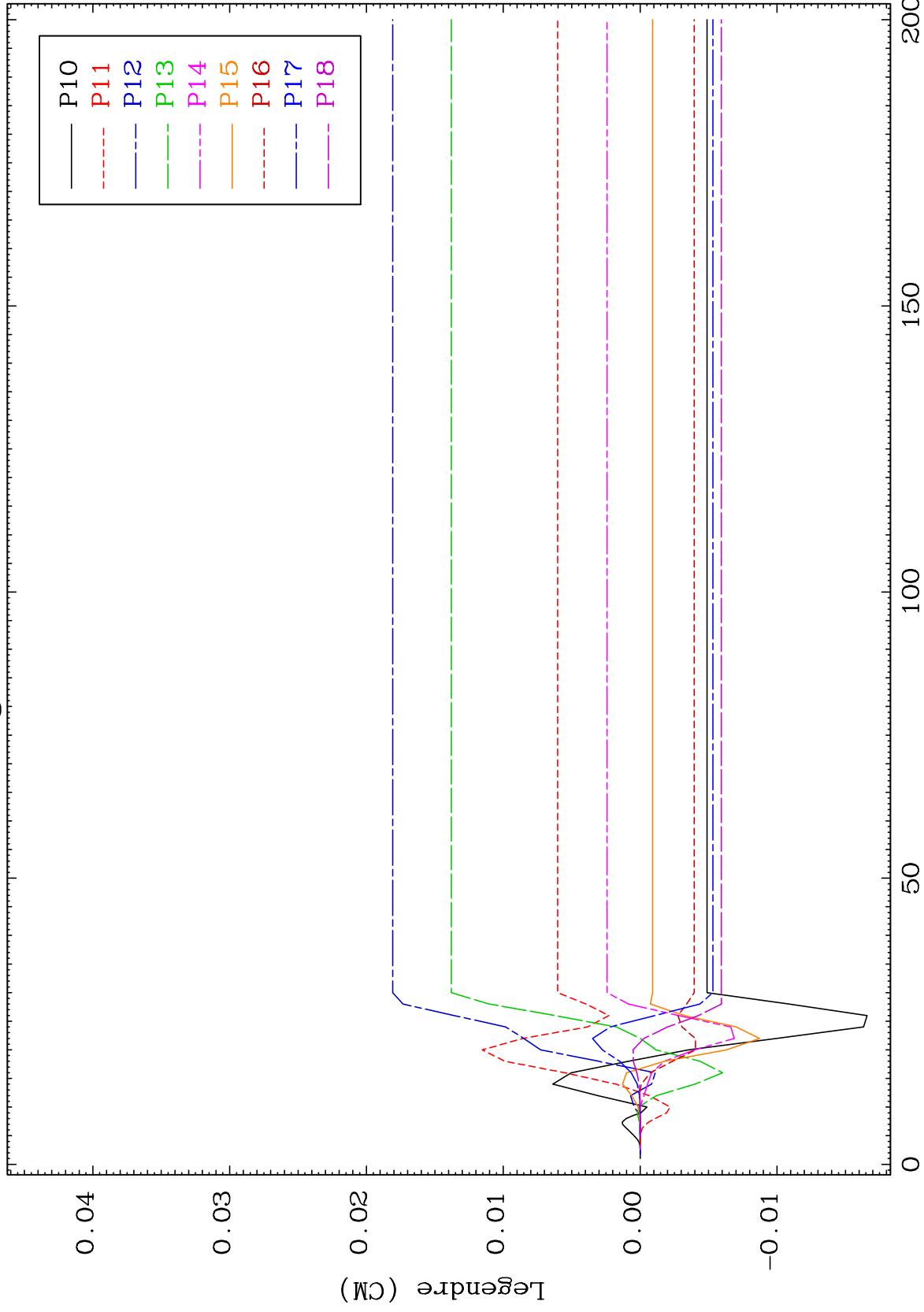
Incident Energy (MeV)

75-Re-171

MAT 7483

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

75-Re-171



38

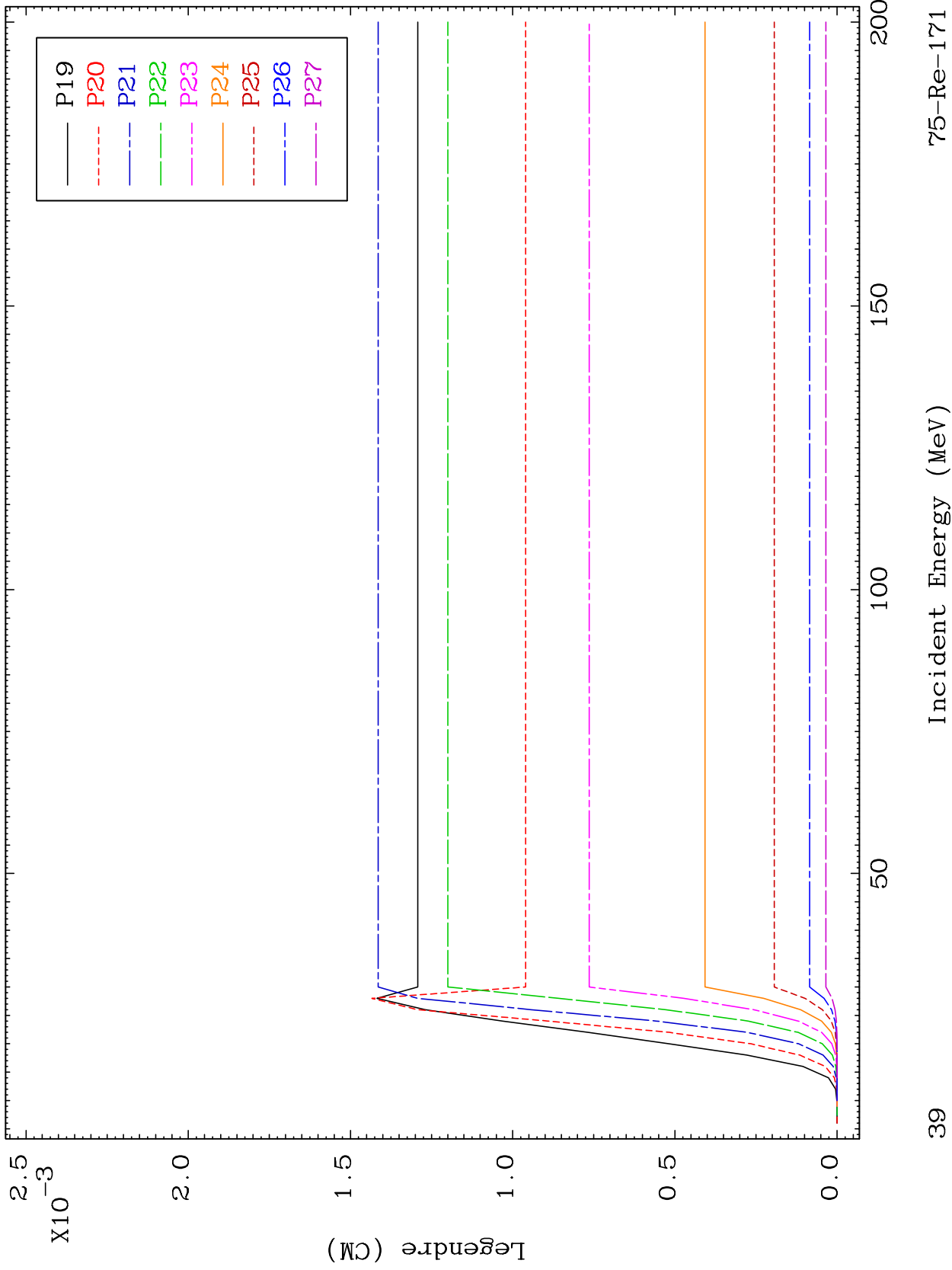
Incident Energy (MeV)

75-Re-171

MAT 7483

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

75-Re-171



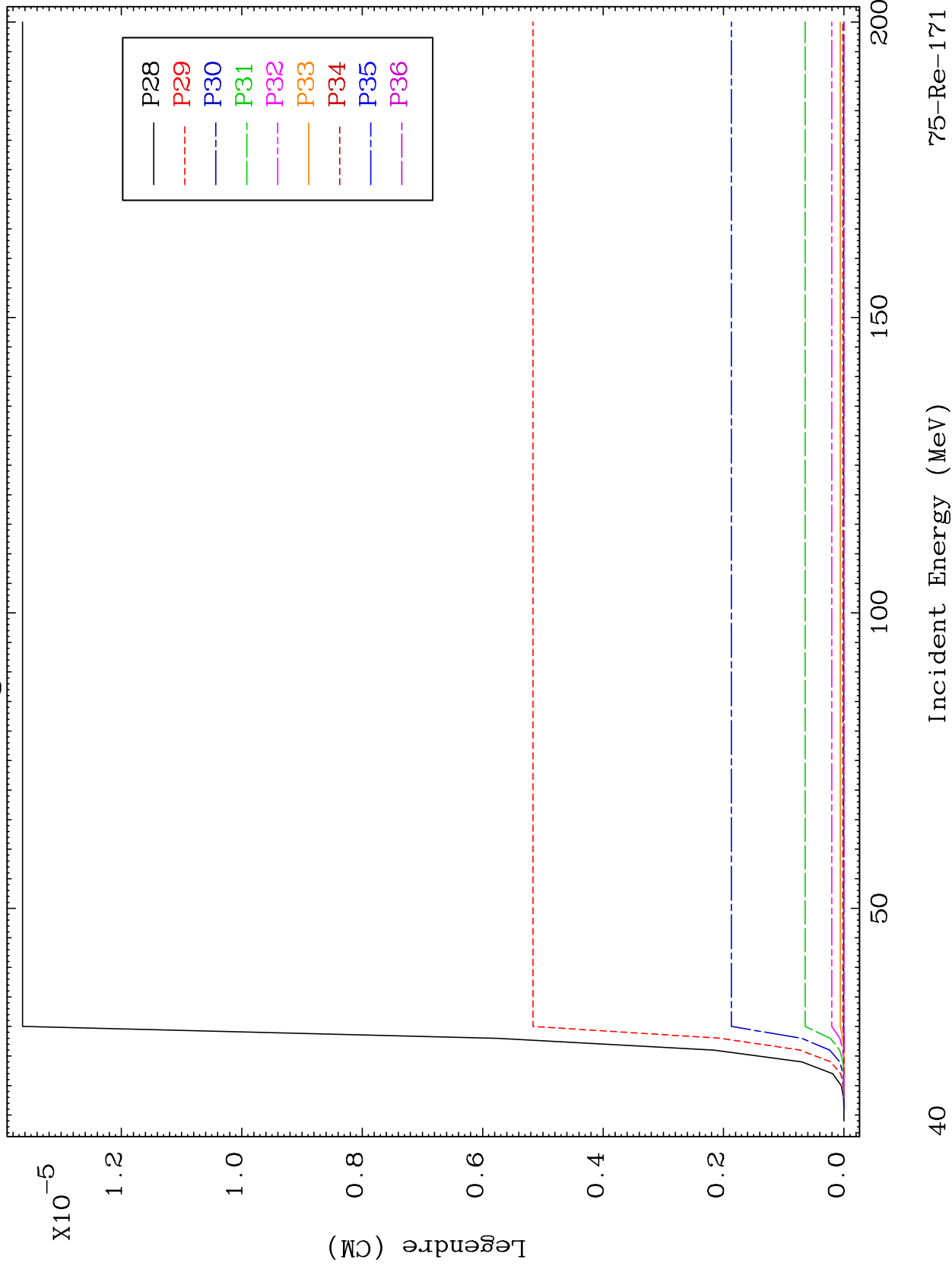
39

75-Re-171

MAT 7483

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

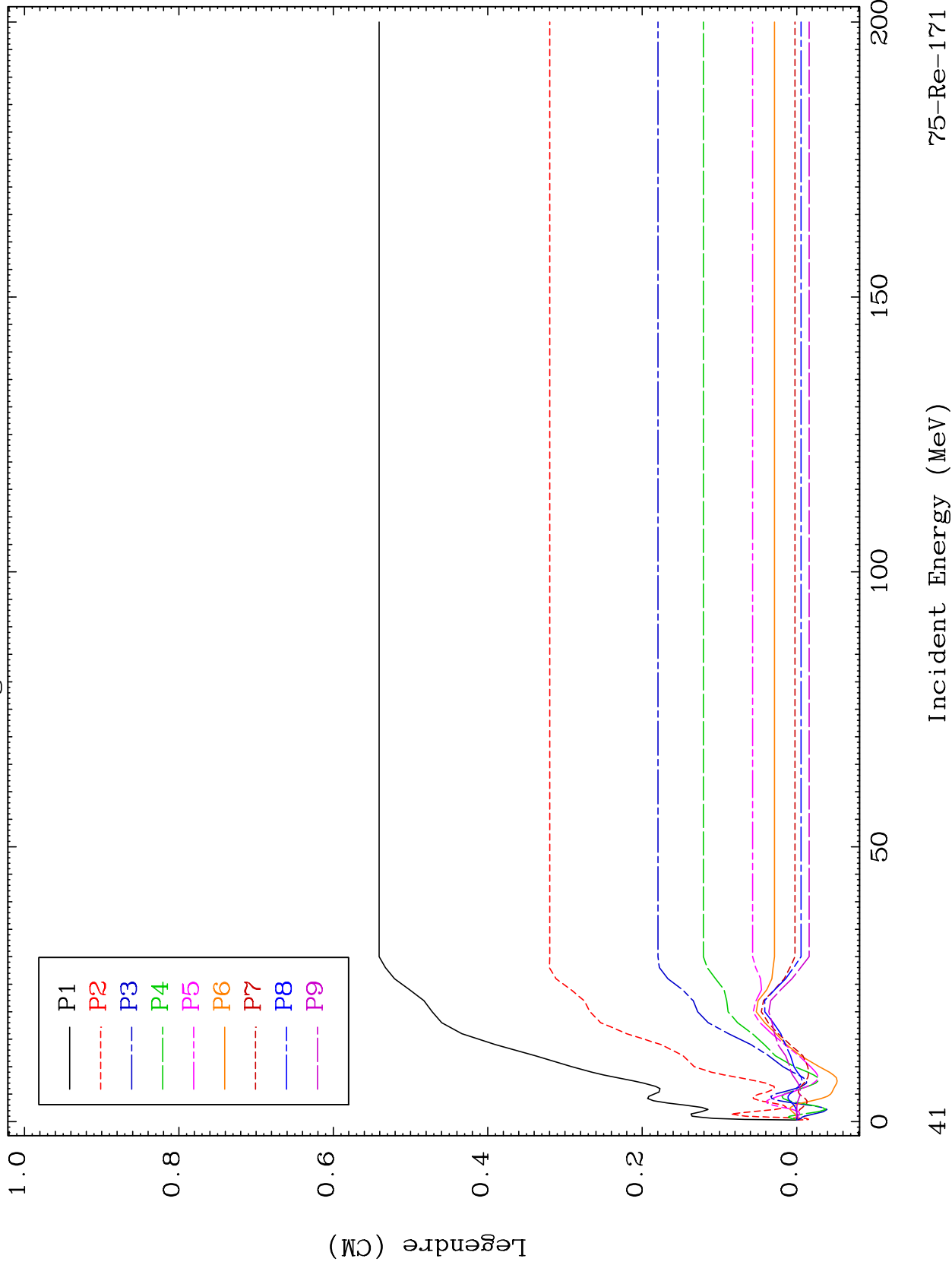
75-Re-171



MAT 7483

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

75-Re-171



41

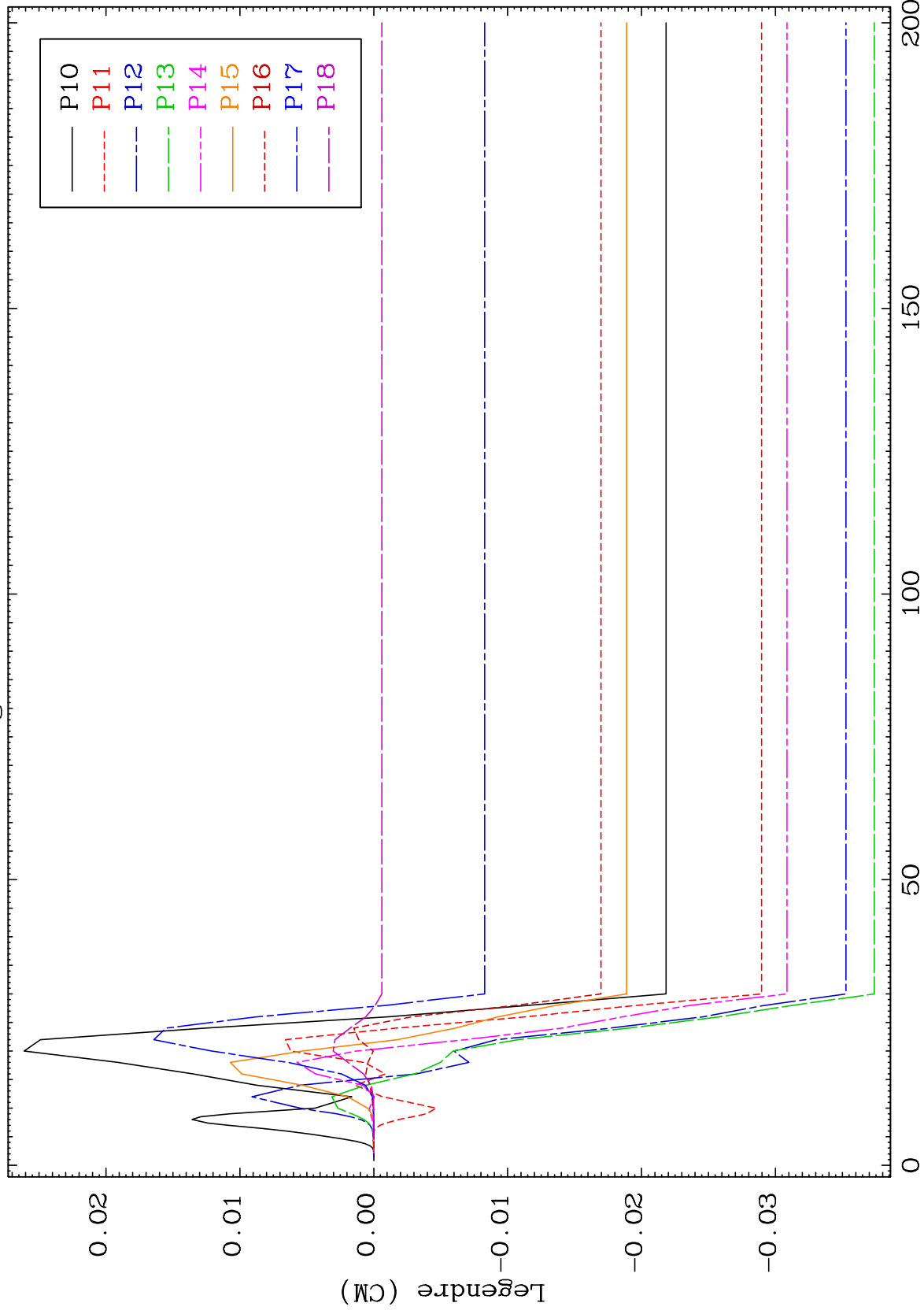
Incident Energy (MeV)

75-Re-171

MAT 7483

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

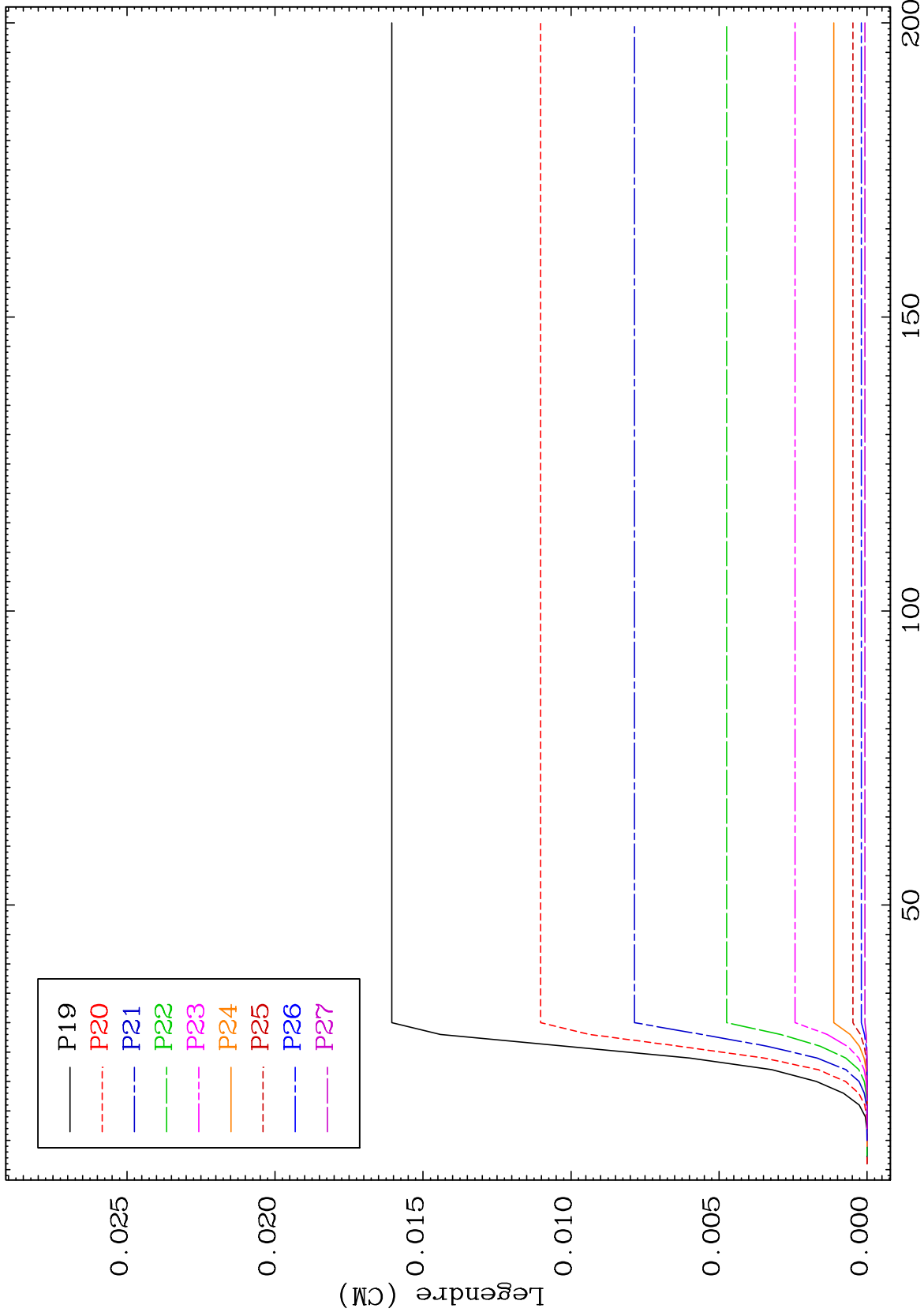
75-Re-171



42

Incident Energy (MeV)

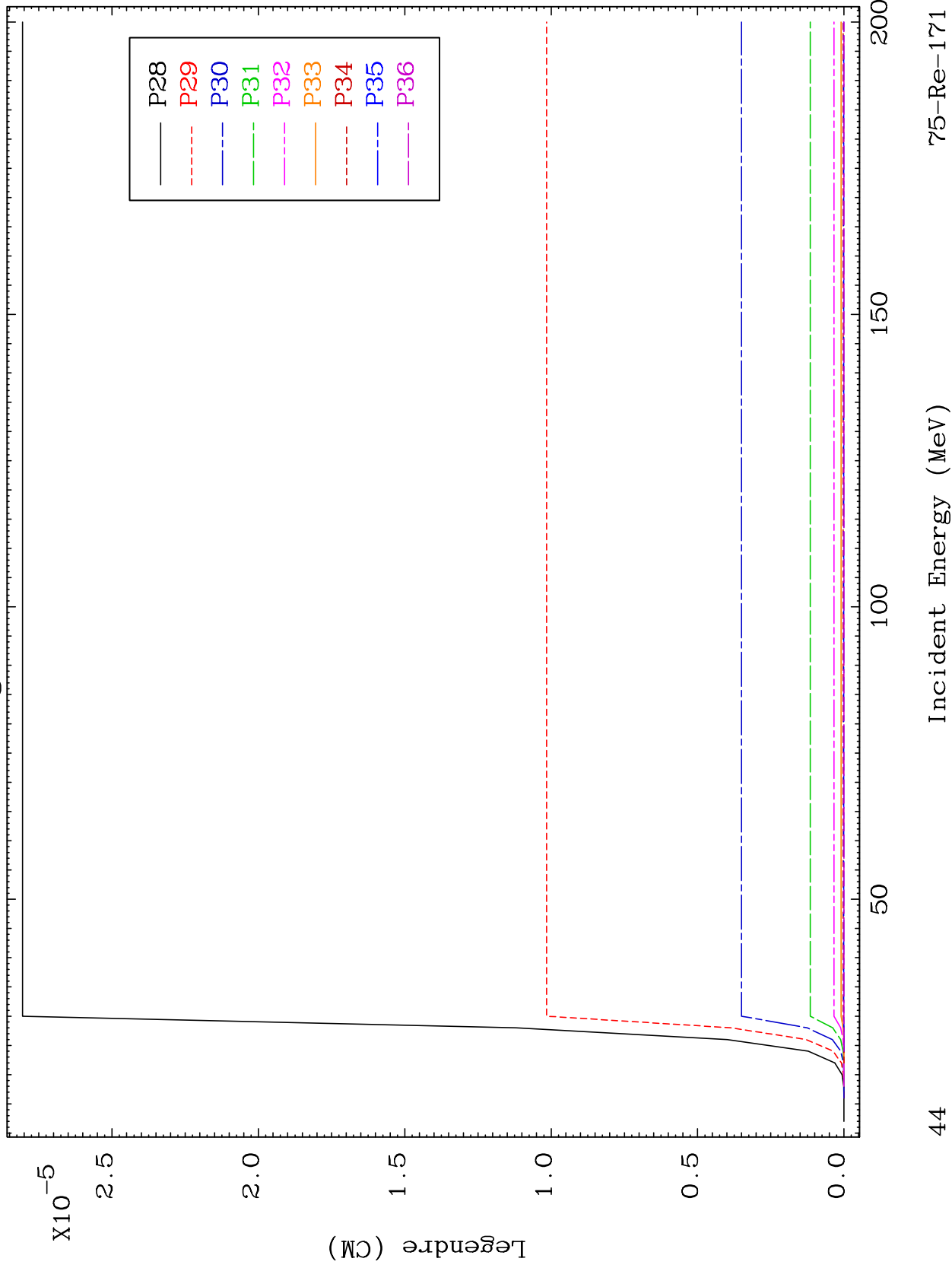
75-Re-171



MAT 7483

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

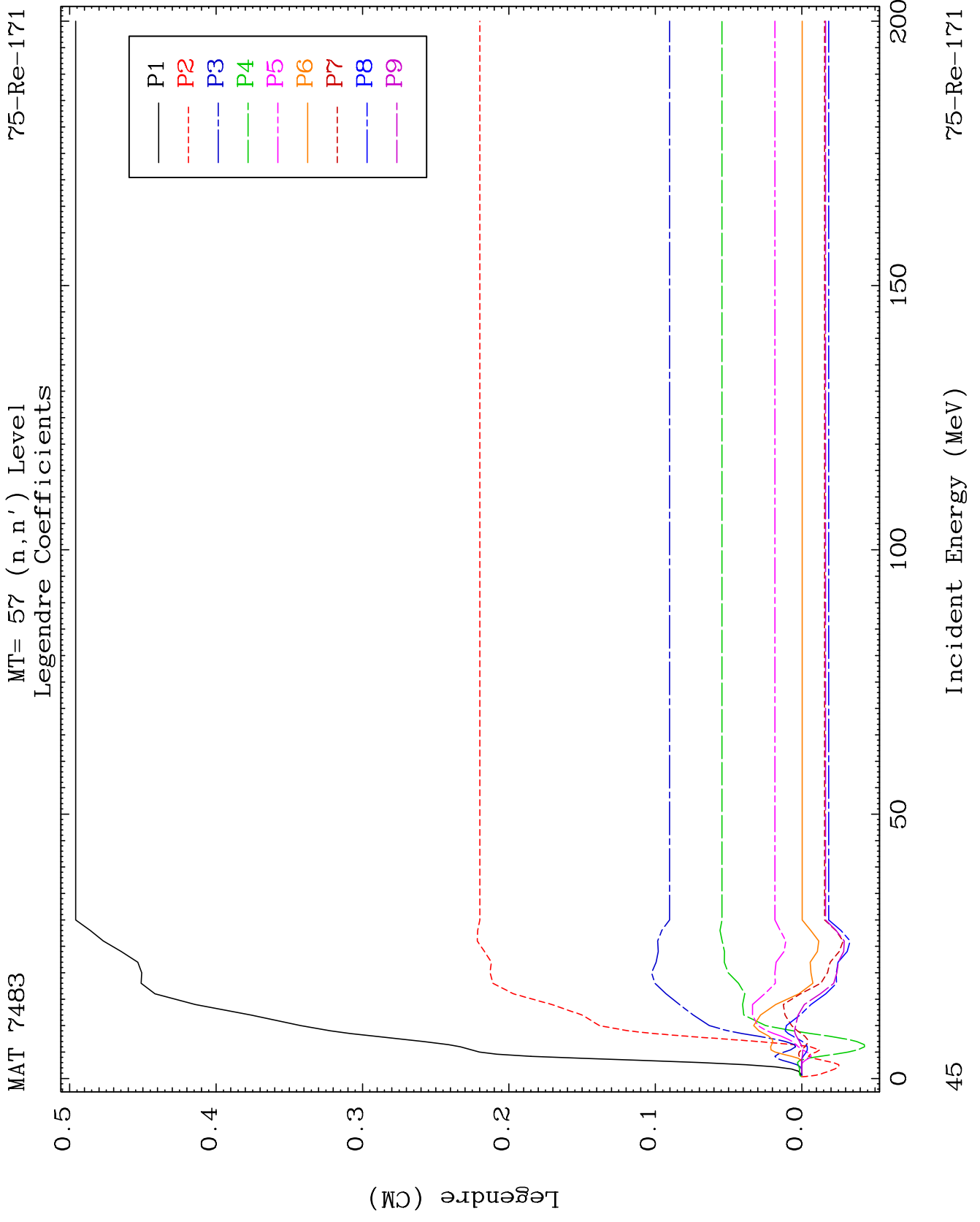
75-Re-171



44

Incident Energy (MeV)

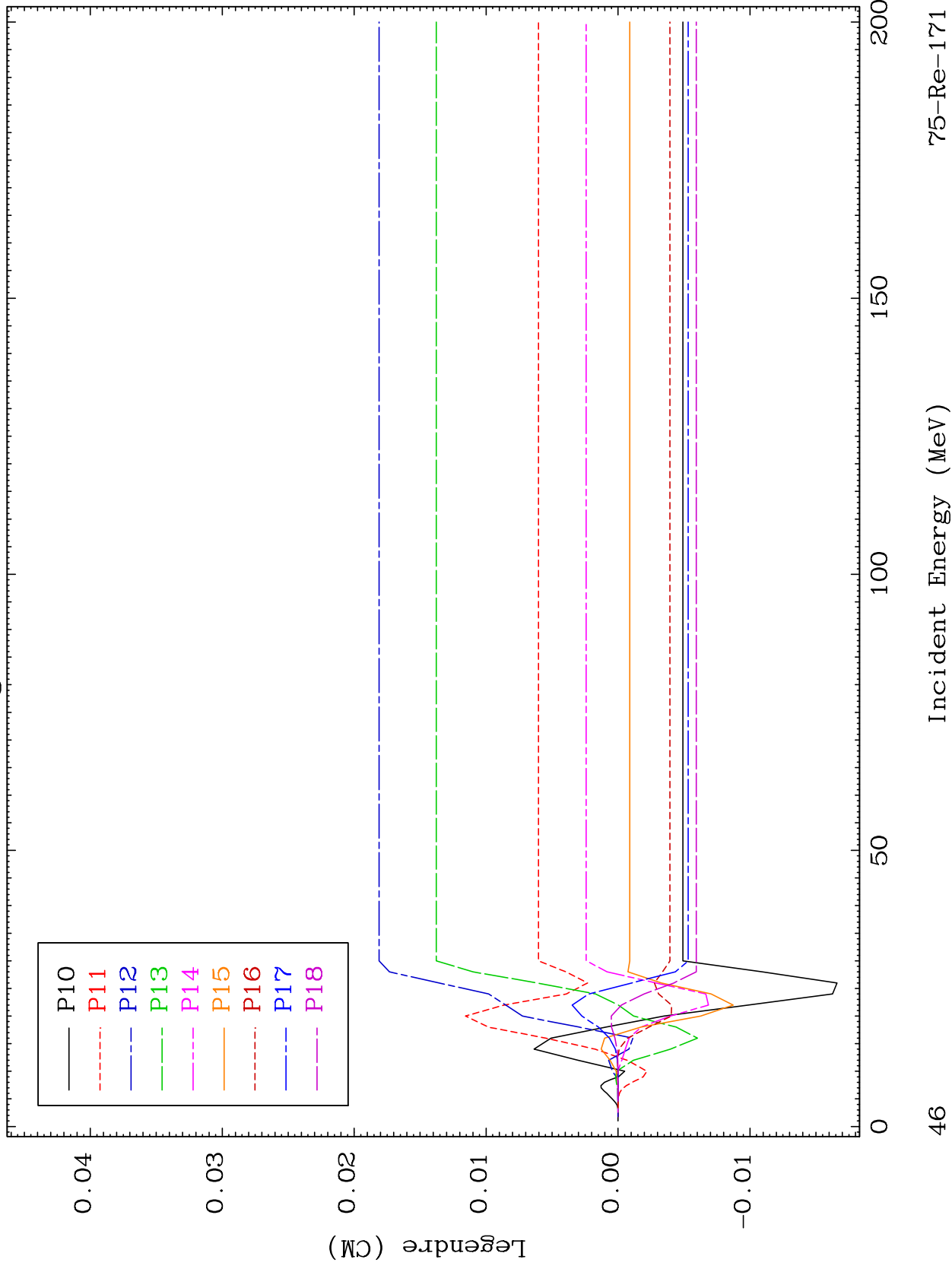
75-Re-171



MAT 7483

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

75-Re-171



46

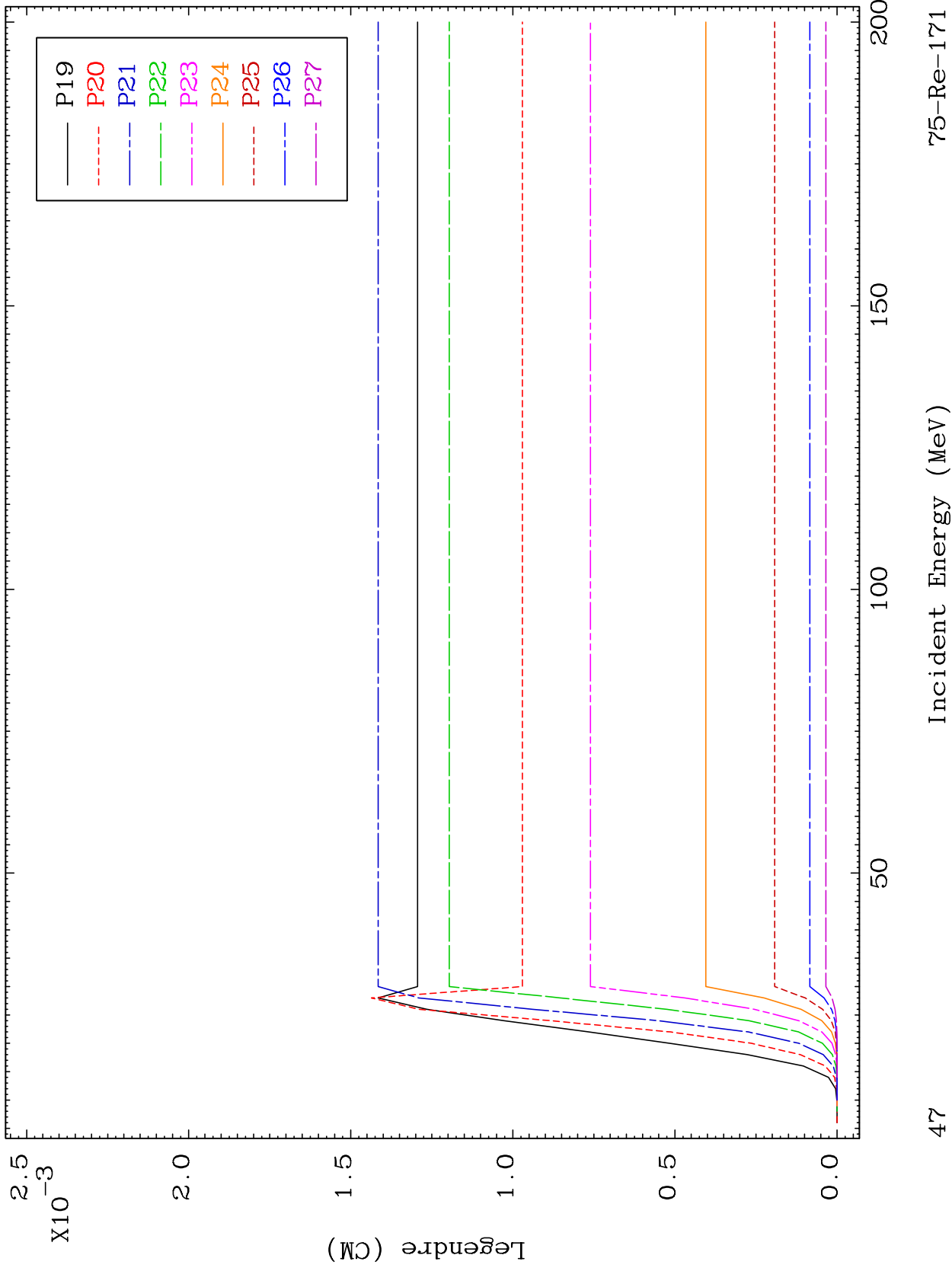
Incident Energy (MeV)

75-Re-171

MAT 7483

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

75-Re-171



47

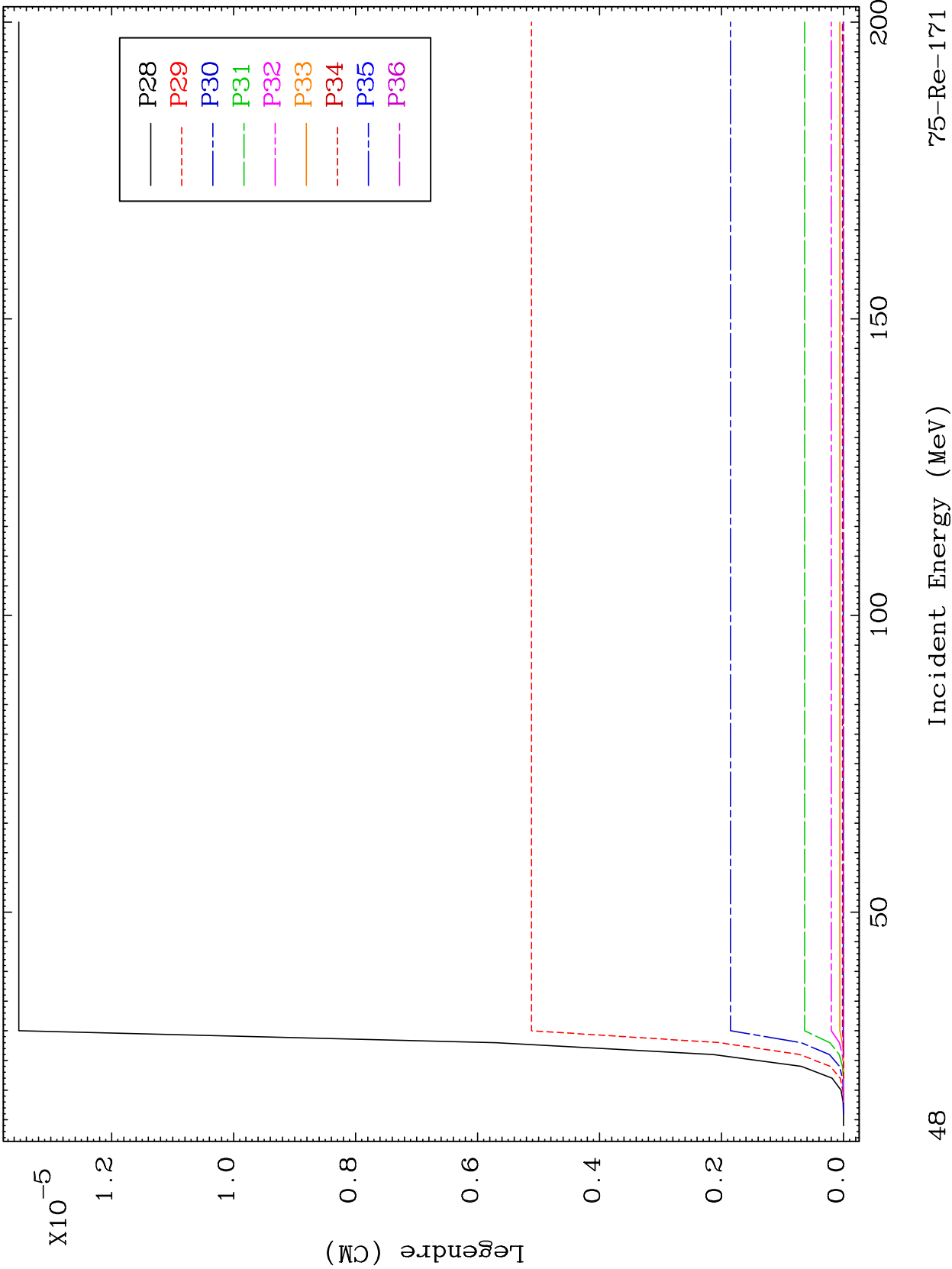
Incident Energy (MeV)

75-Re-171

MAT 7483

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

75-Re-171



48

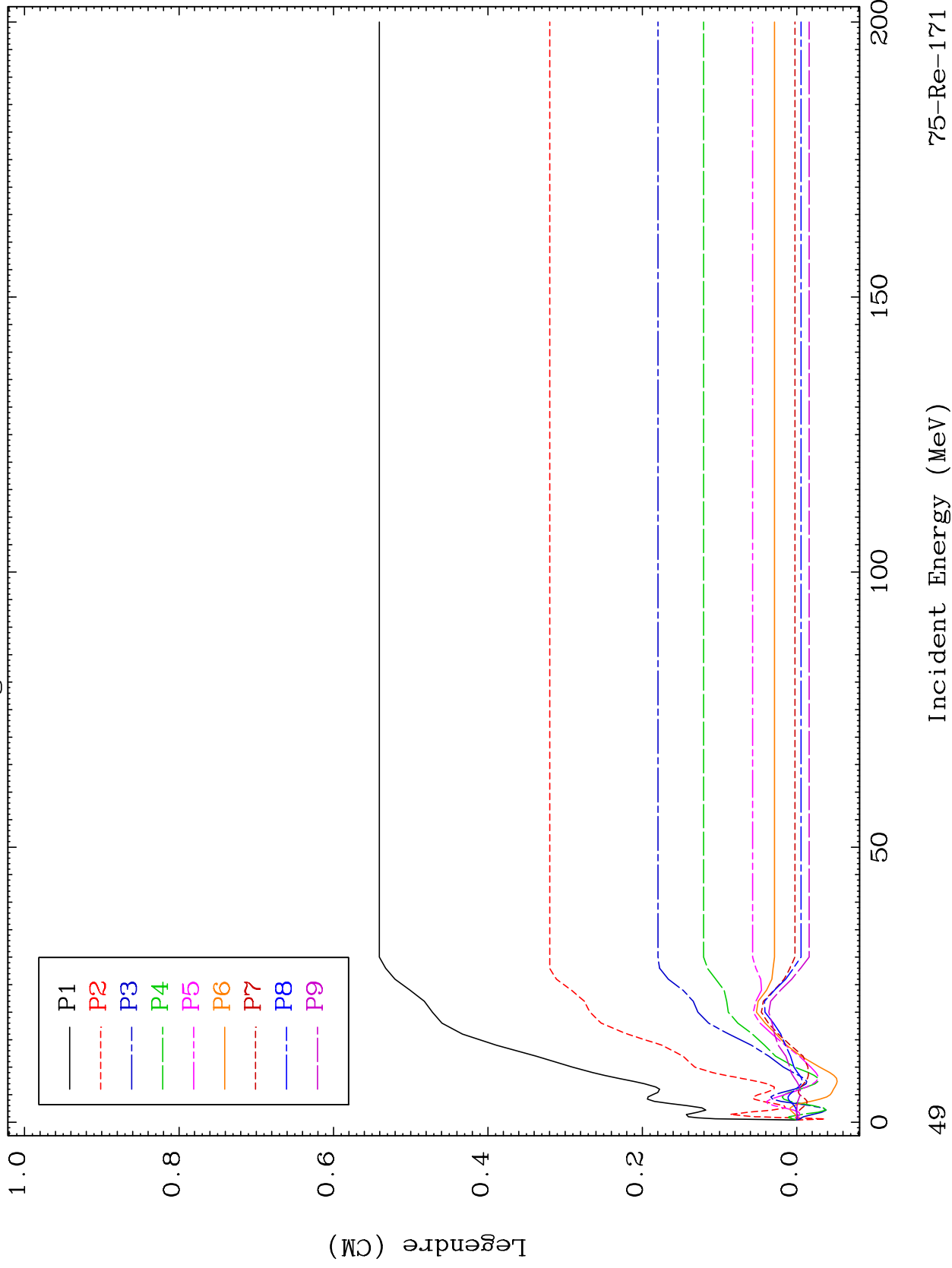
Incident Energy (MeV)

75-Re-171

MAT 7483

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

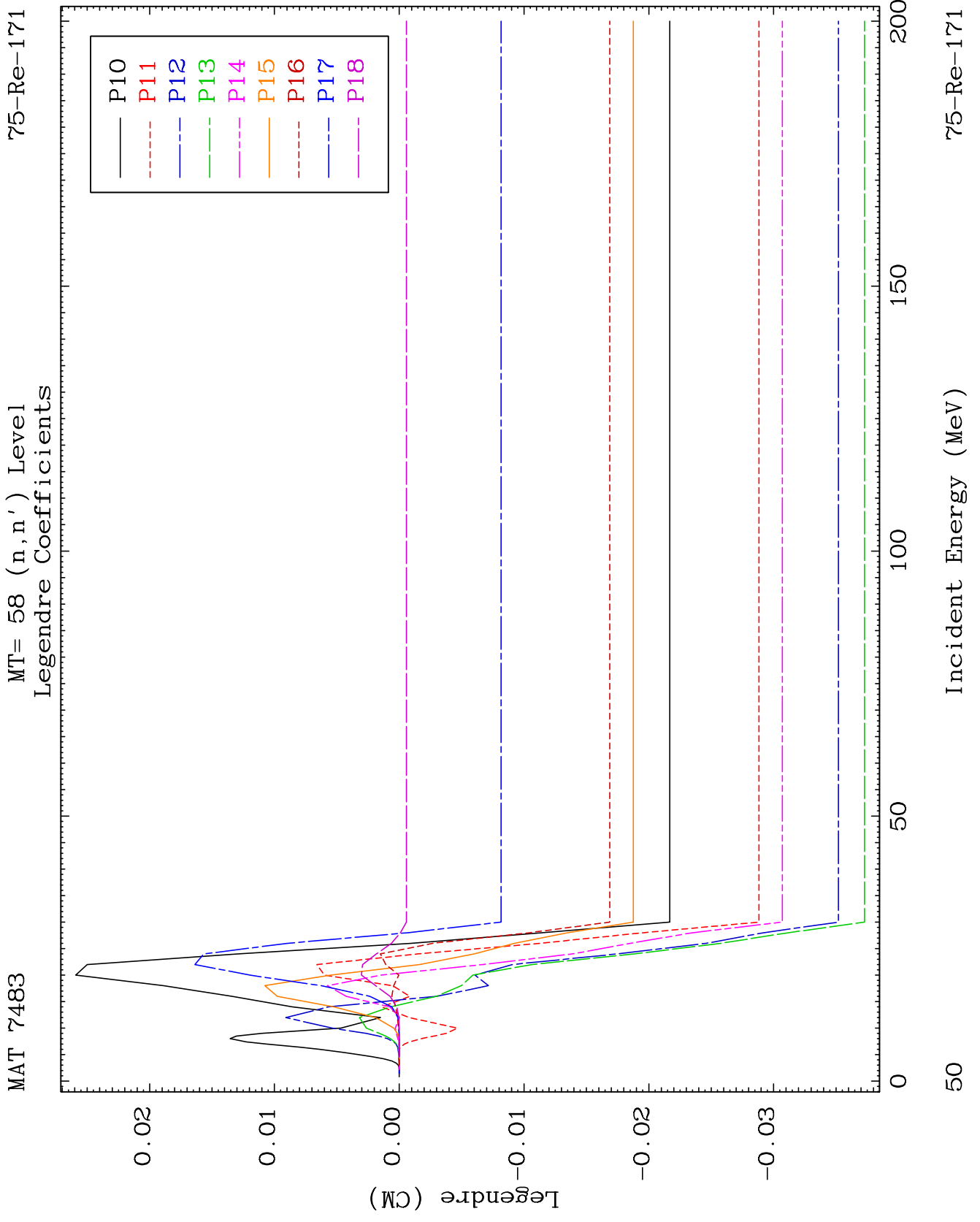
75-Re-171

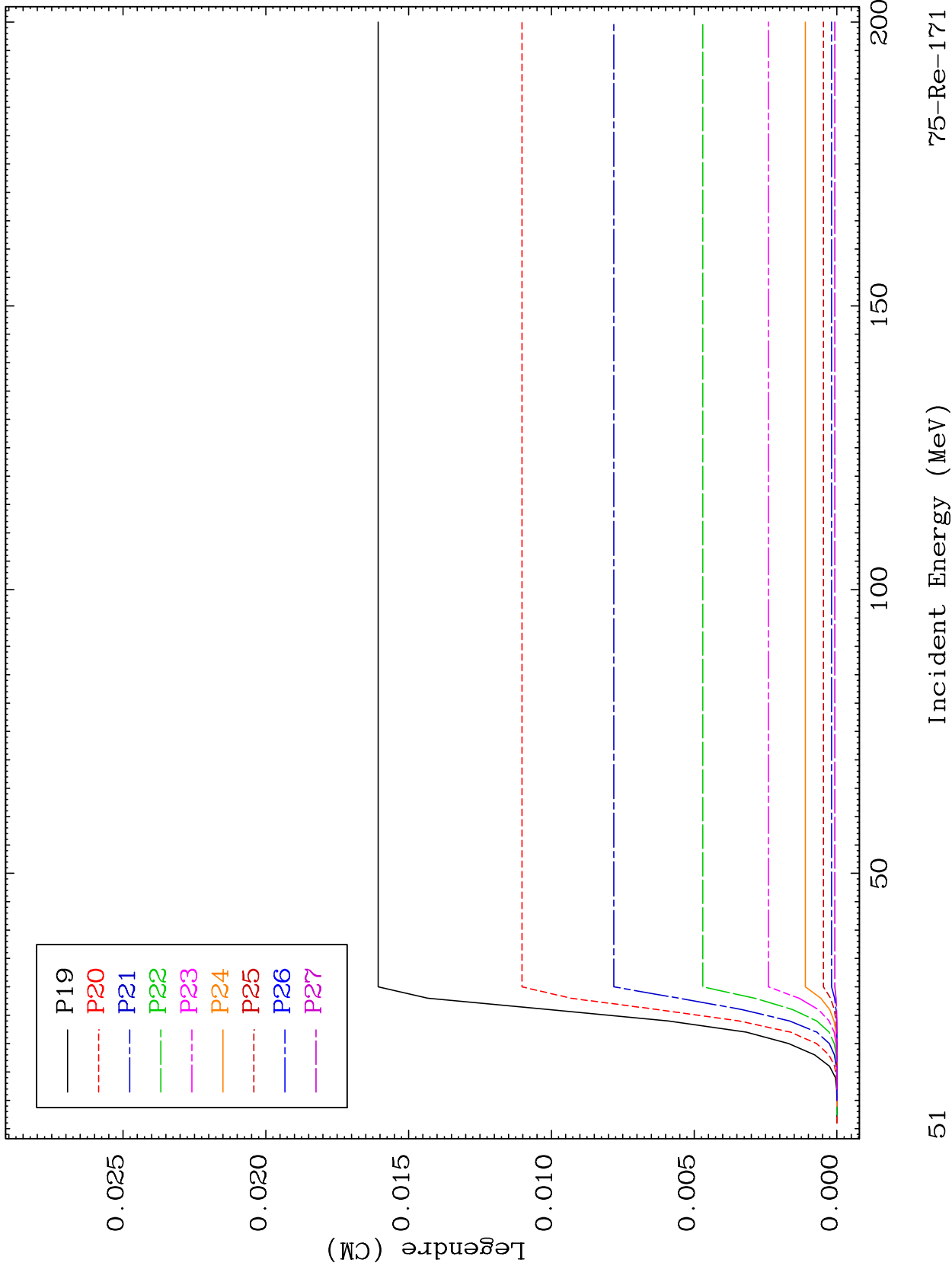


75-Re-171

Incident Energy (MeV)

49

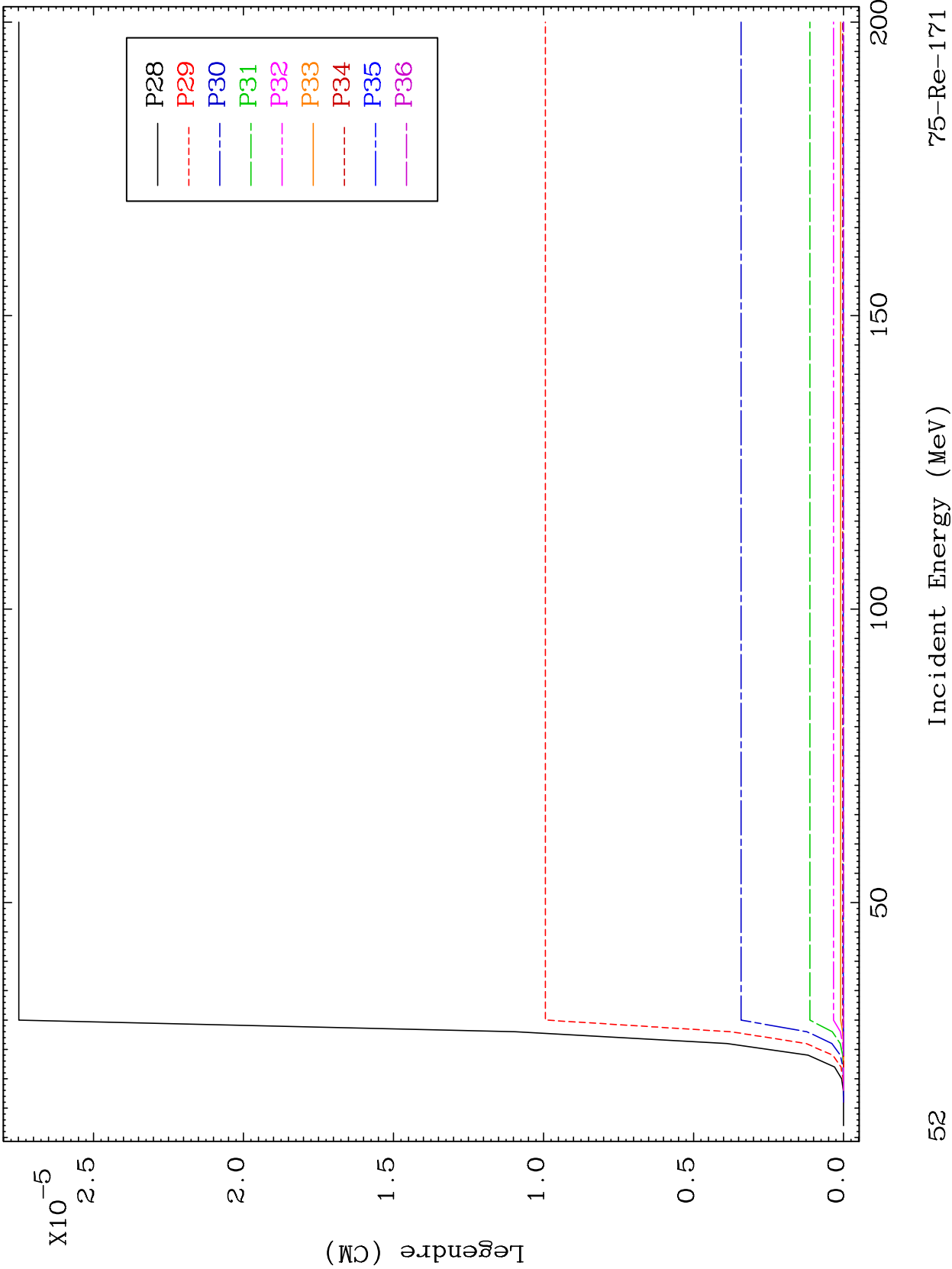




MAT 7483

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

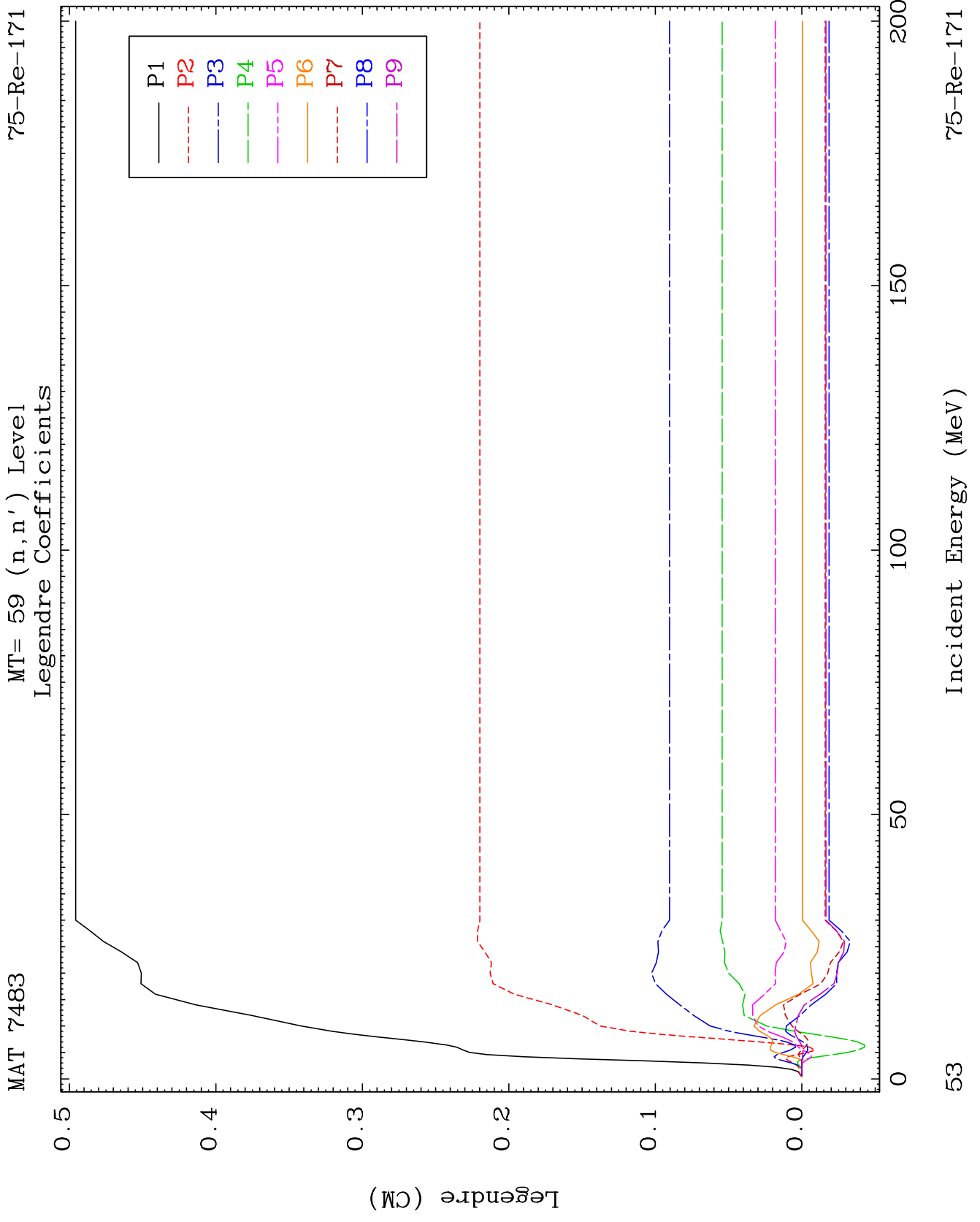
75-Re-171



52

Incident Energy (MeV)

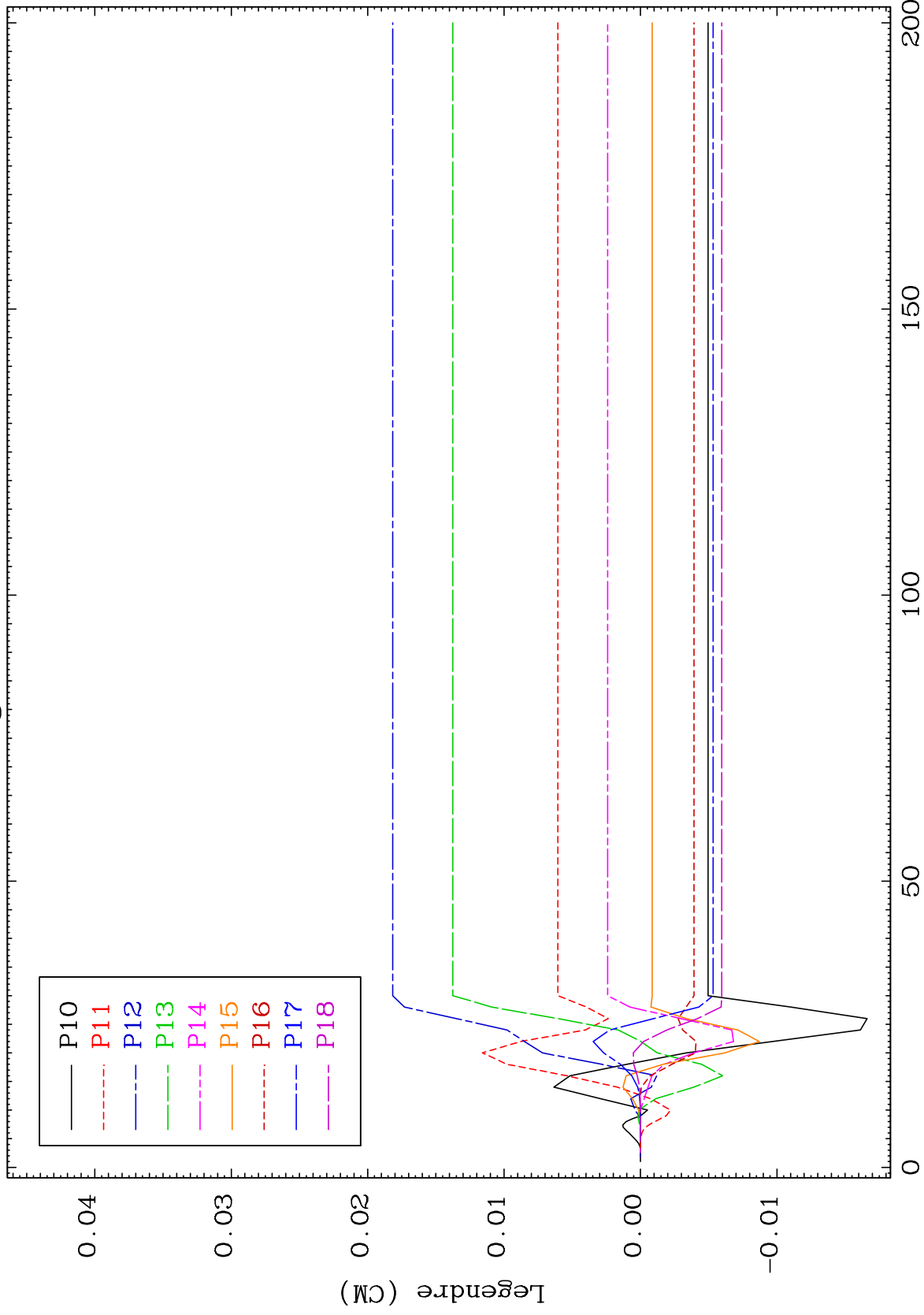
75-Re-171



MAT 7483

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

75-Re-171



54

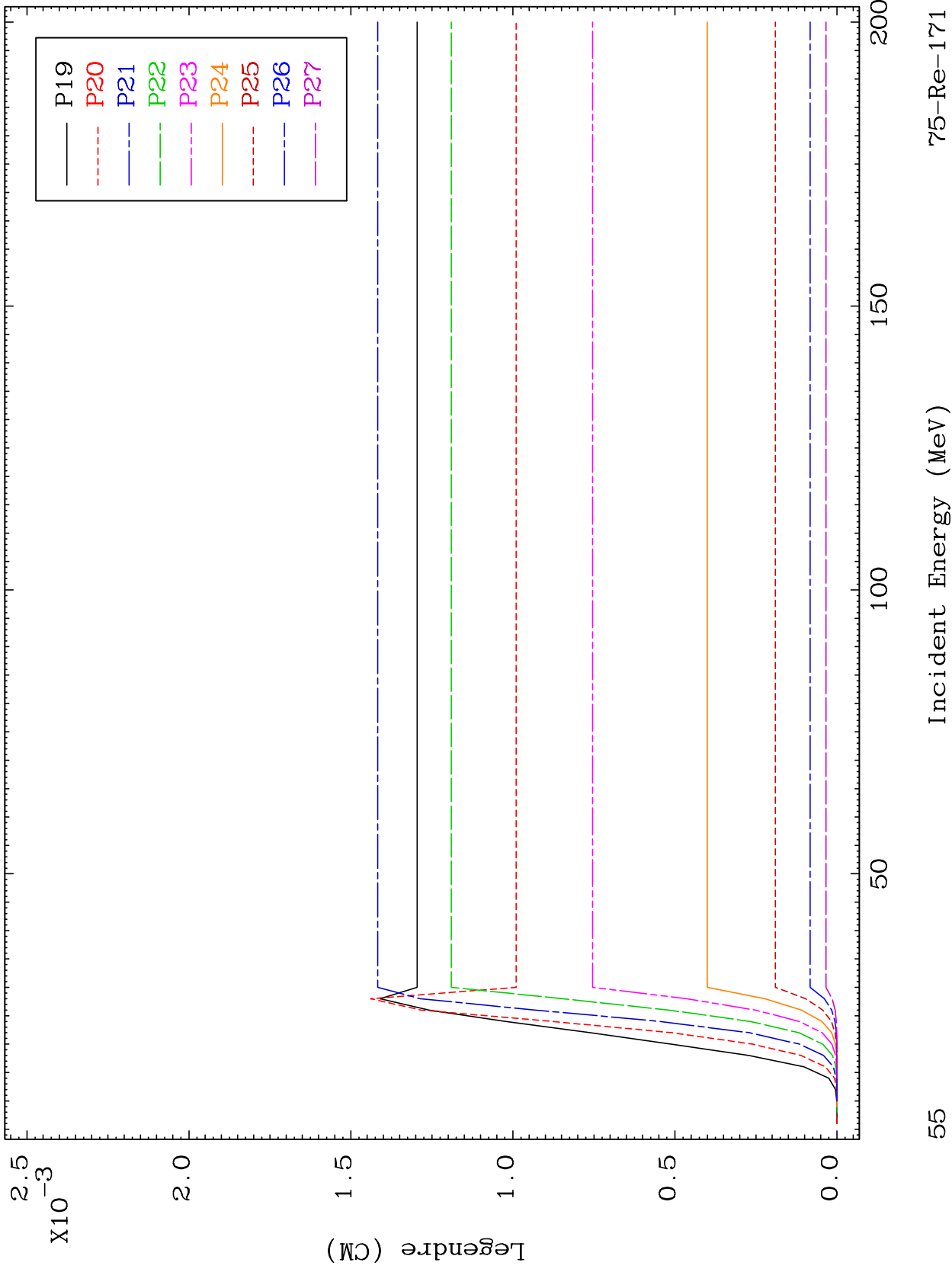
Incident Energy (MeV)

75-Re-171

MAT 7483

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

75-Re-171



55

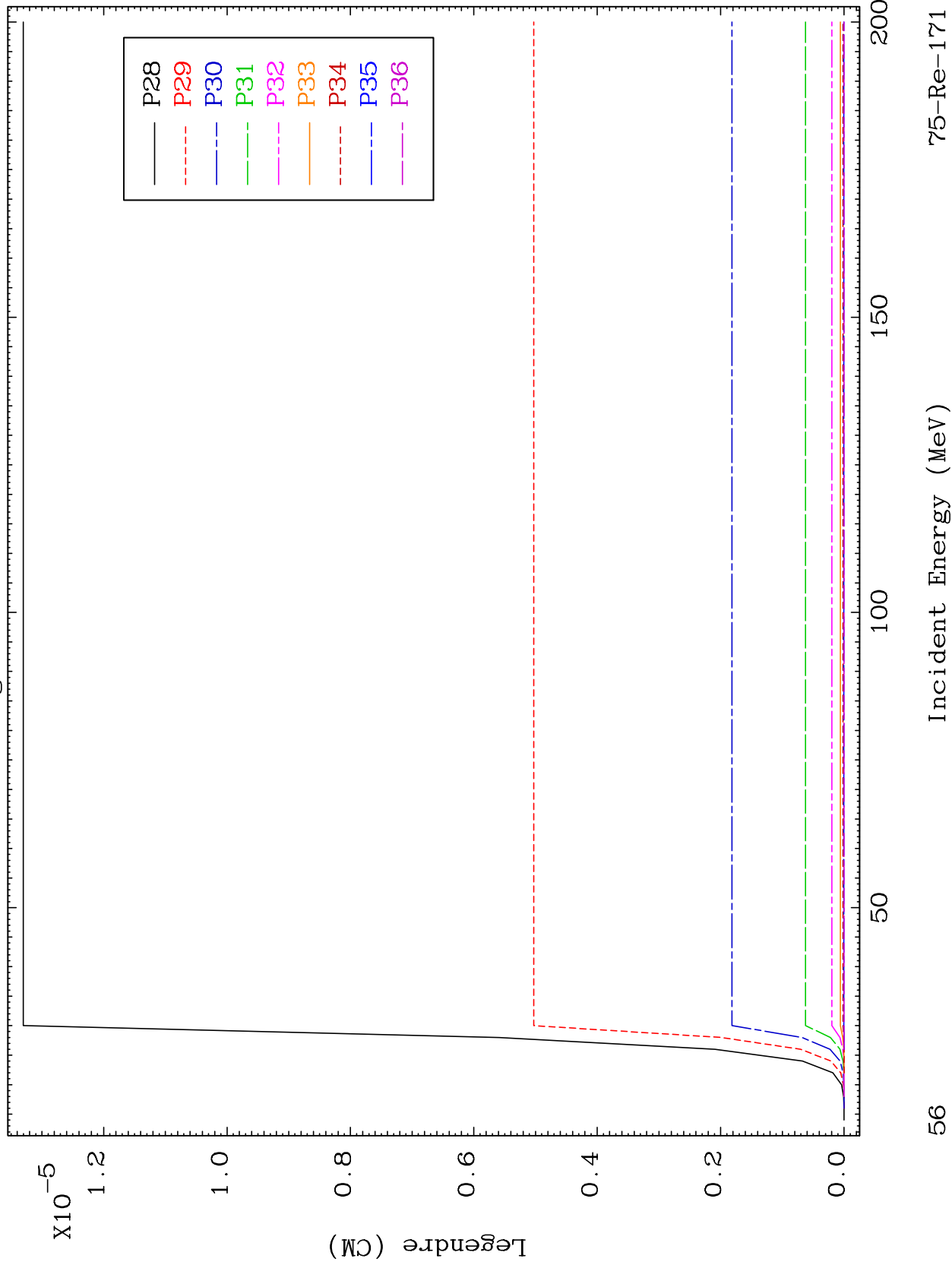
Incident Energy (MeV)

75-Re-171

MAT 7483

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

75-Re-171



56

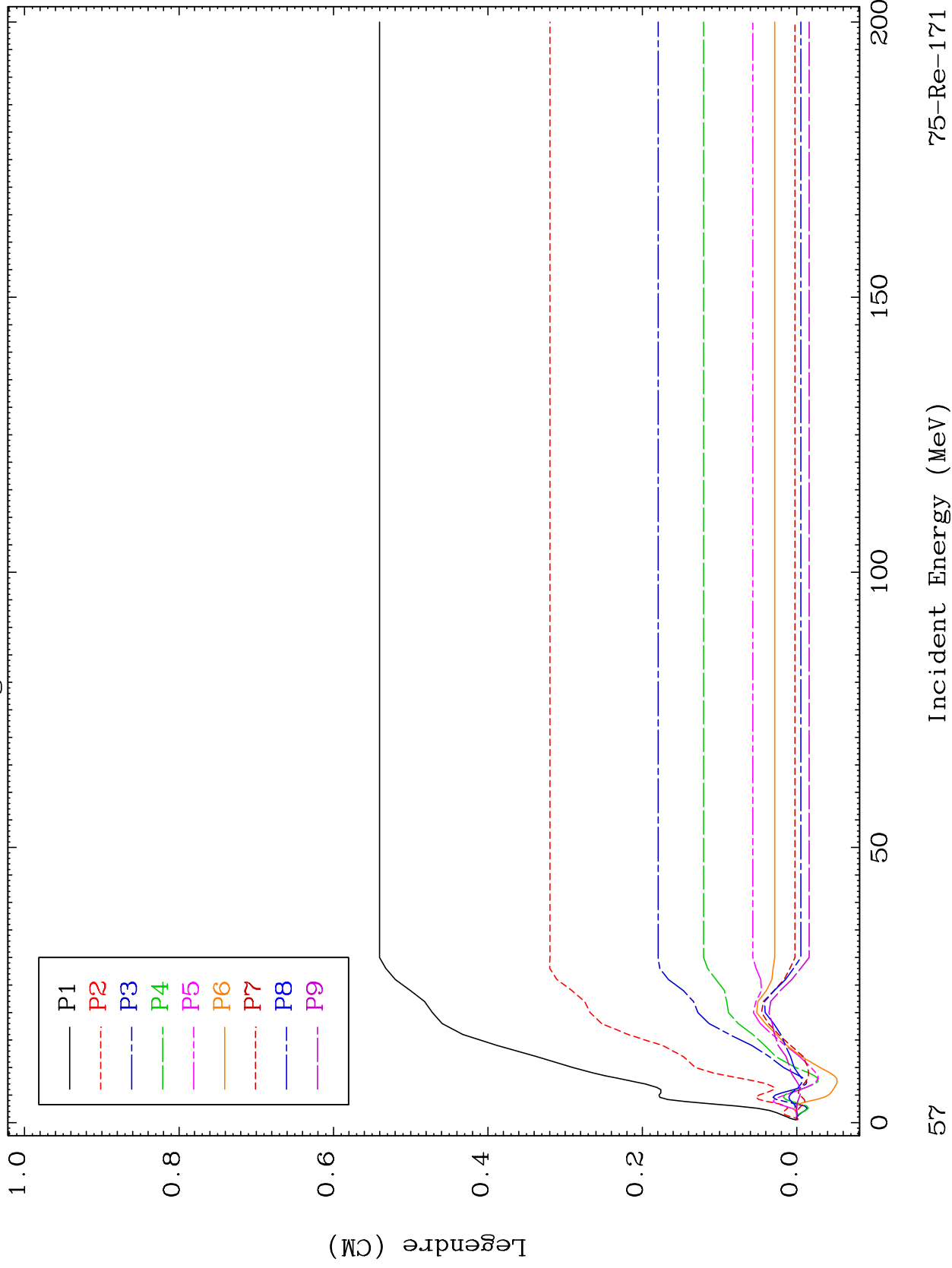
Incident Energy (MeV)

75-Re-171

MAT 7483

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

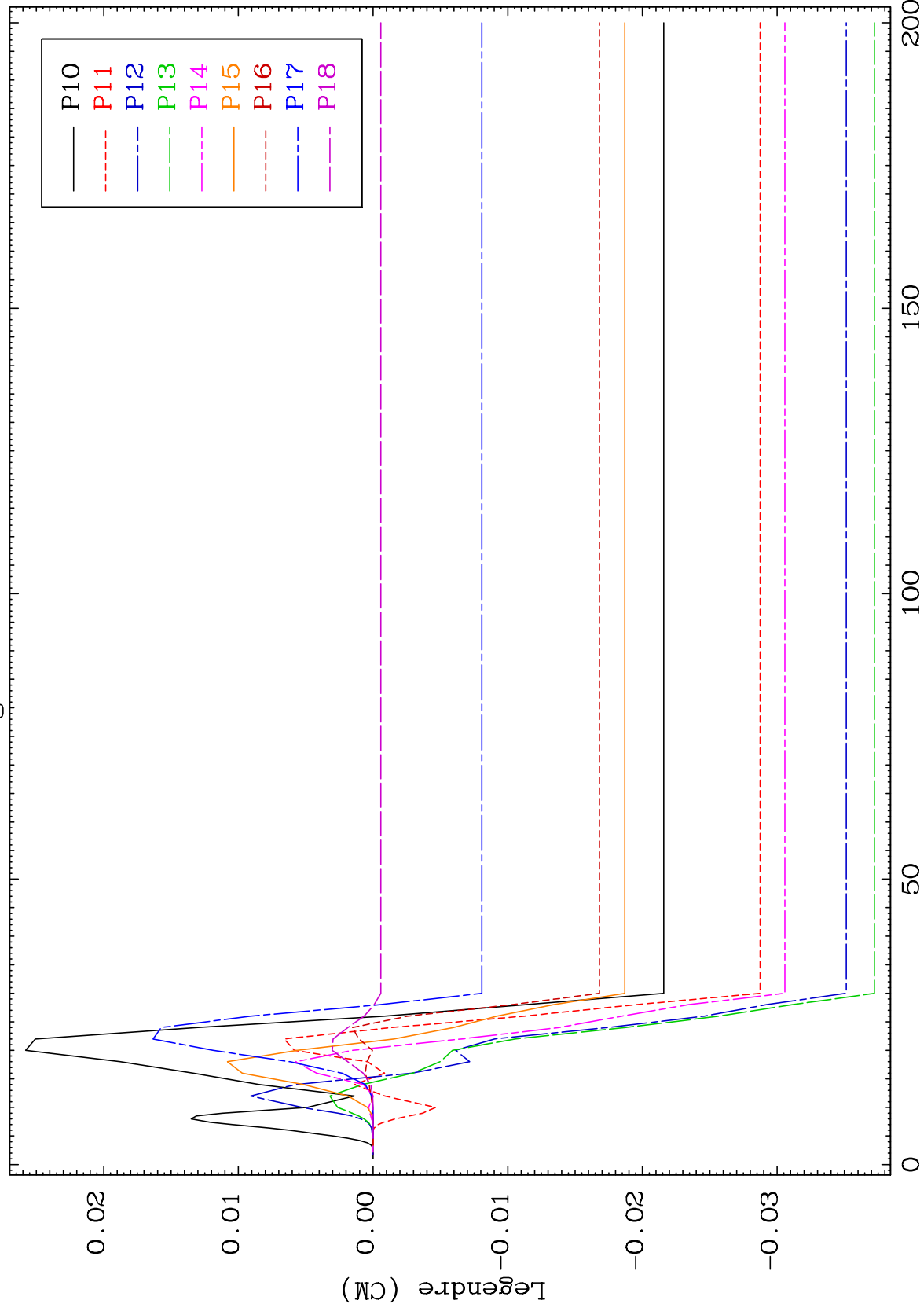
75-Re-171



MAT 7483

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

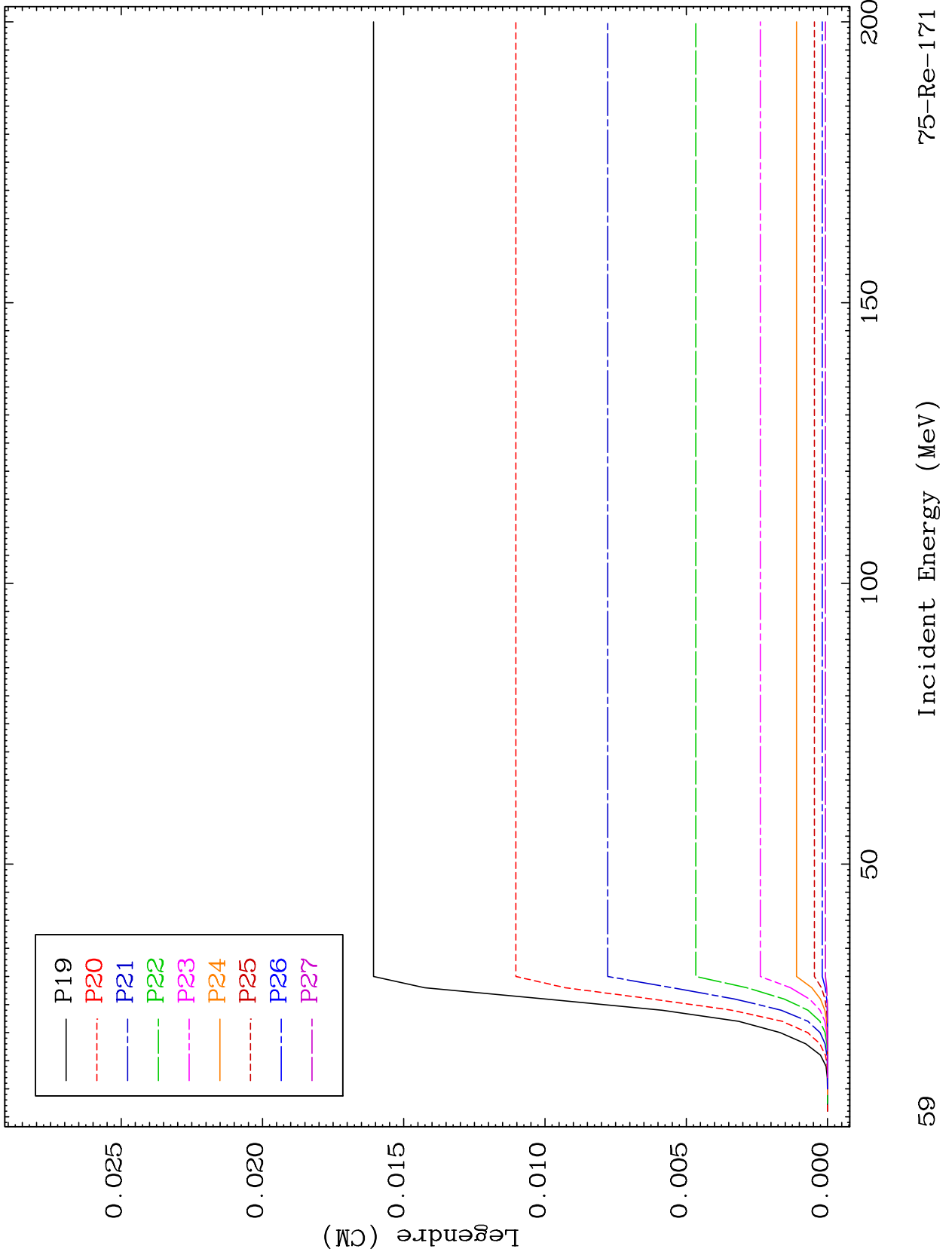
75-Re-171



58

Incident Energy (MeV)

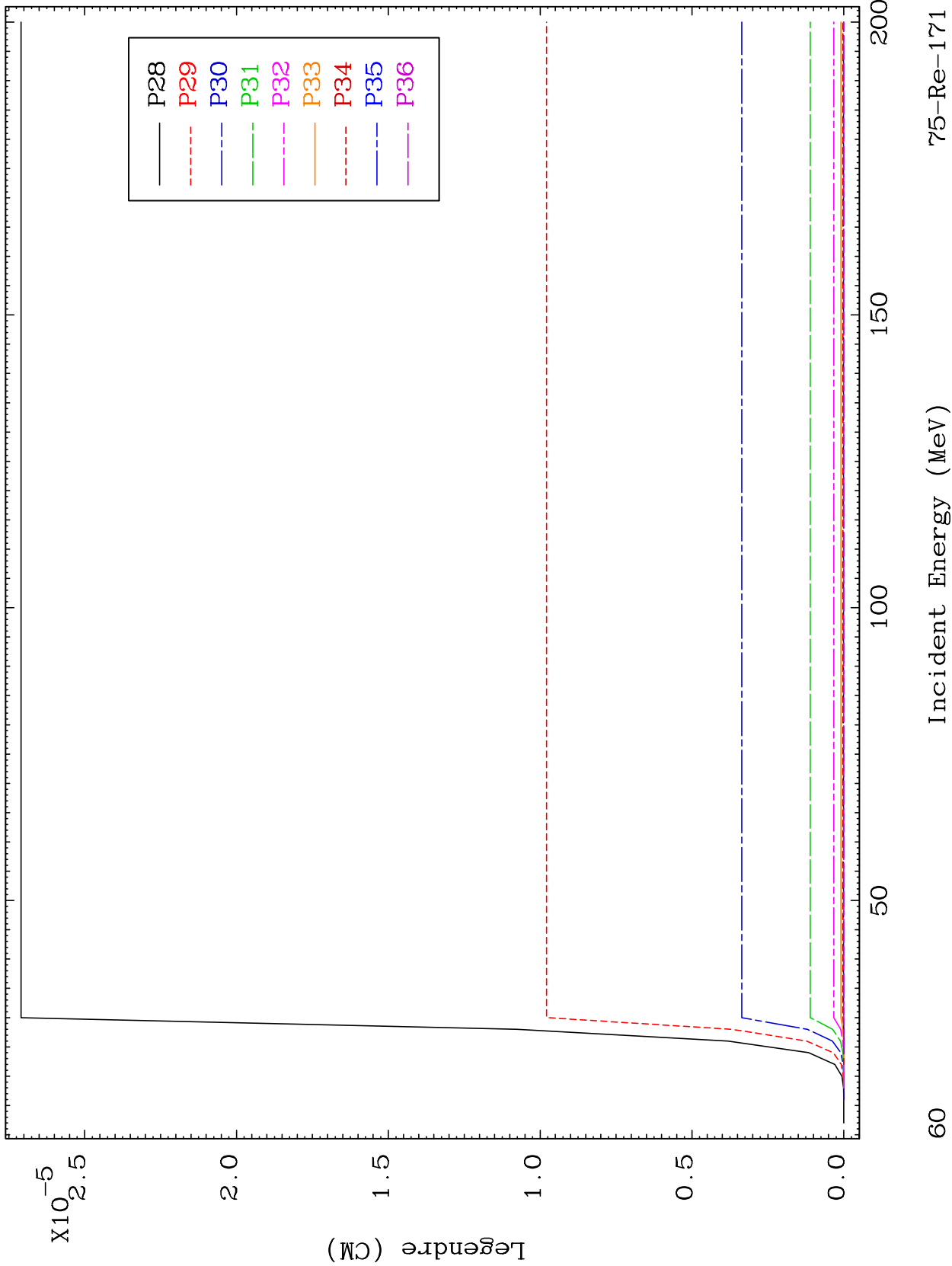
75-Re-171



MAT 7483

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

75-Re-171



60

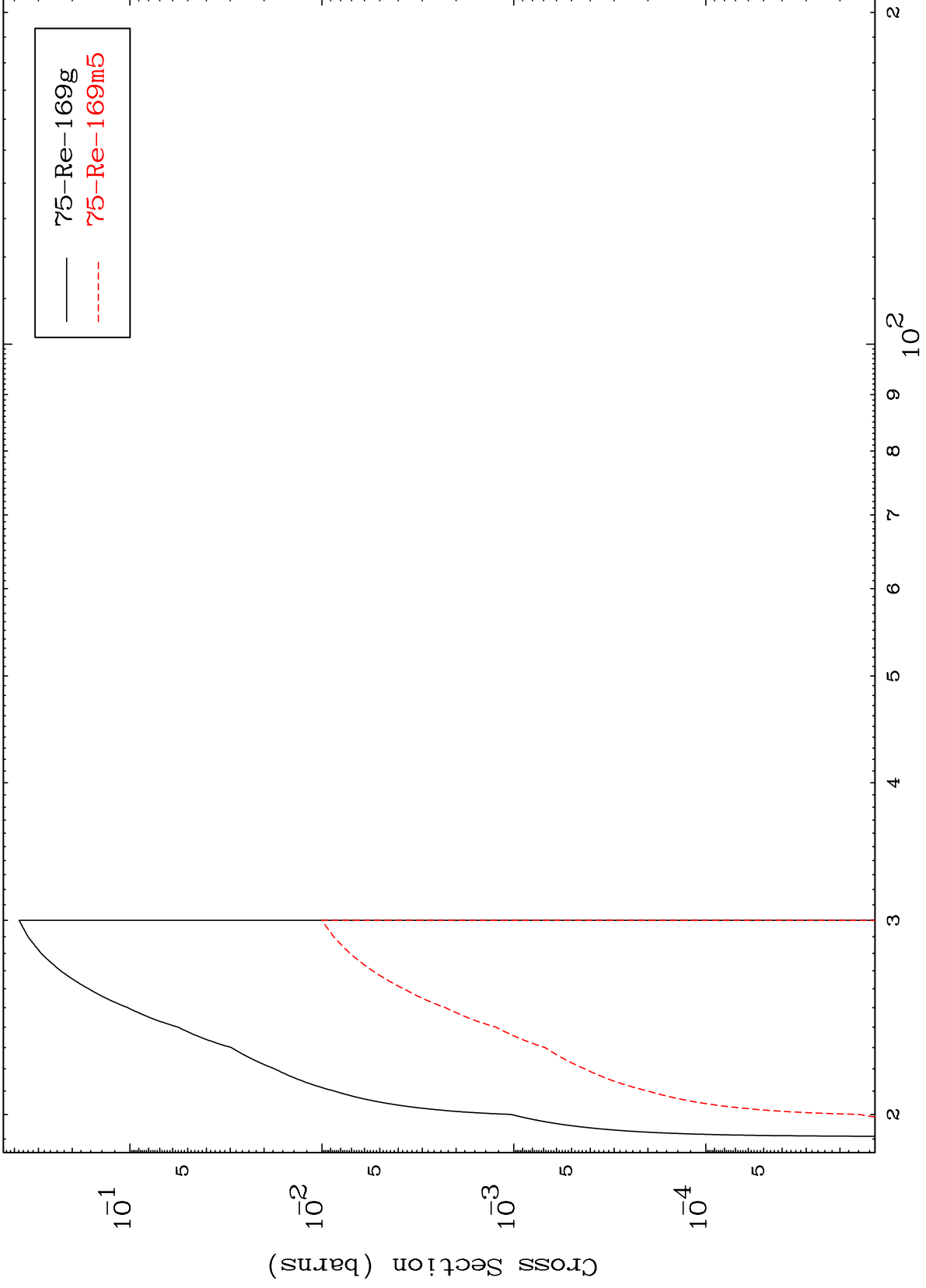
Incident Energy (MeV)

75-Re-171

MAT 7483

75-Re-171

(n,3n)
Radionuclide Production Cross Section



61

Incident Energy (MeV)

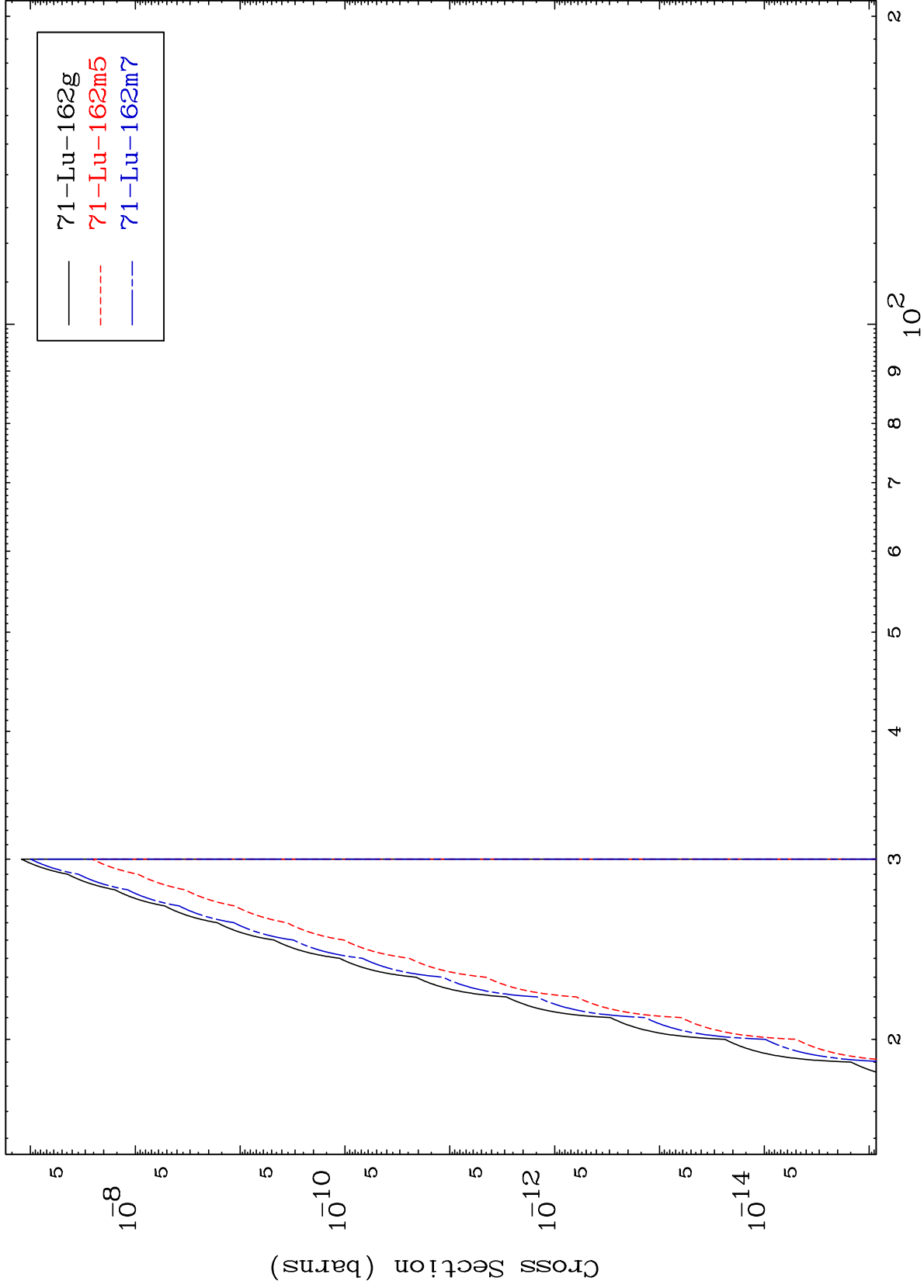
75-Re-171

MAT 7483

(n,2n) 2 α

75-Re-171

Radionuclide Production Cross Section



62

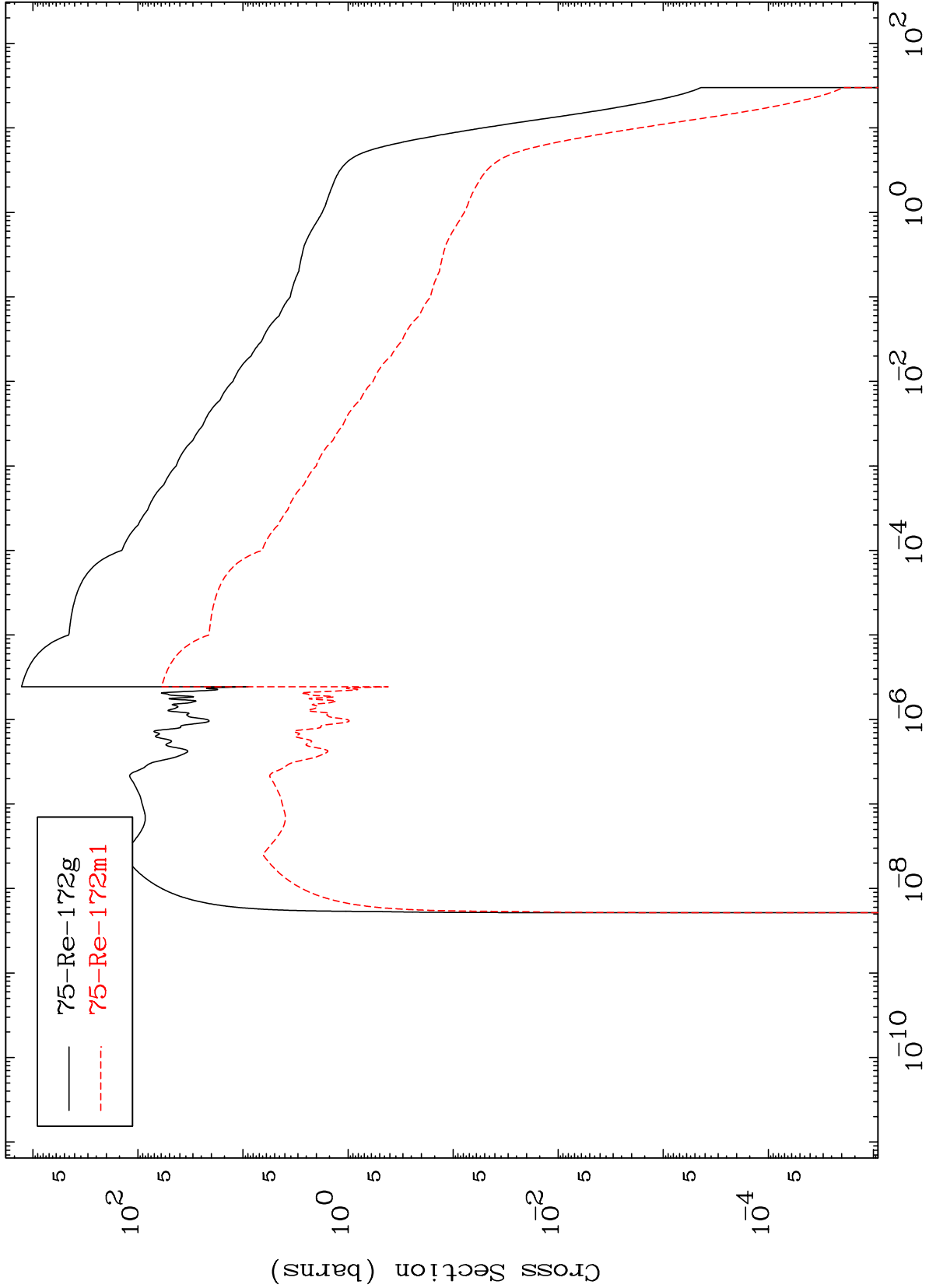
Incident Energy (MeV)

75-Re-171

MAT 7483

75-Re-171

Radionuclide Production Cross Section (n,γ)



75-Re-172g
75-Re-172m1

63

75-Re-171

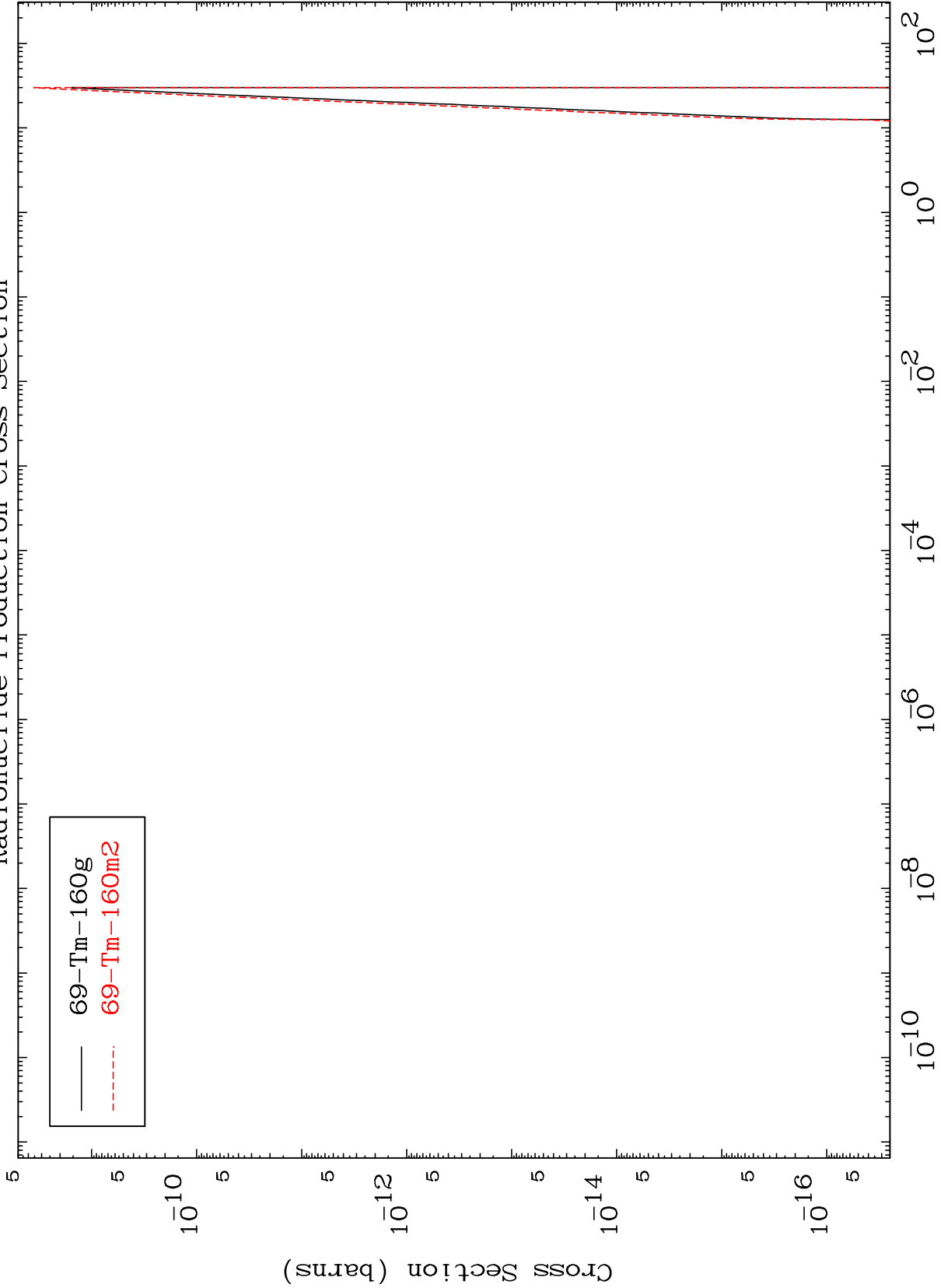
Incident Energy (MeV)

MAT 7483

(n,3α)

75-Re-171

Radionuclide Production Cross Section



64

Incident Energy (MeV)

75-Re-171