

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

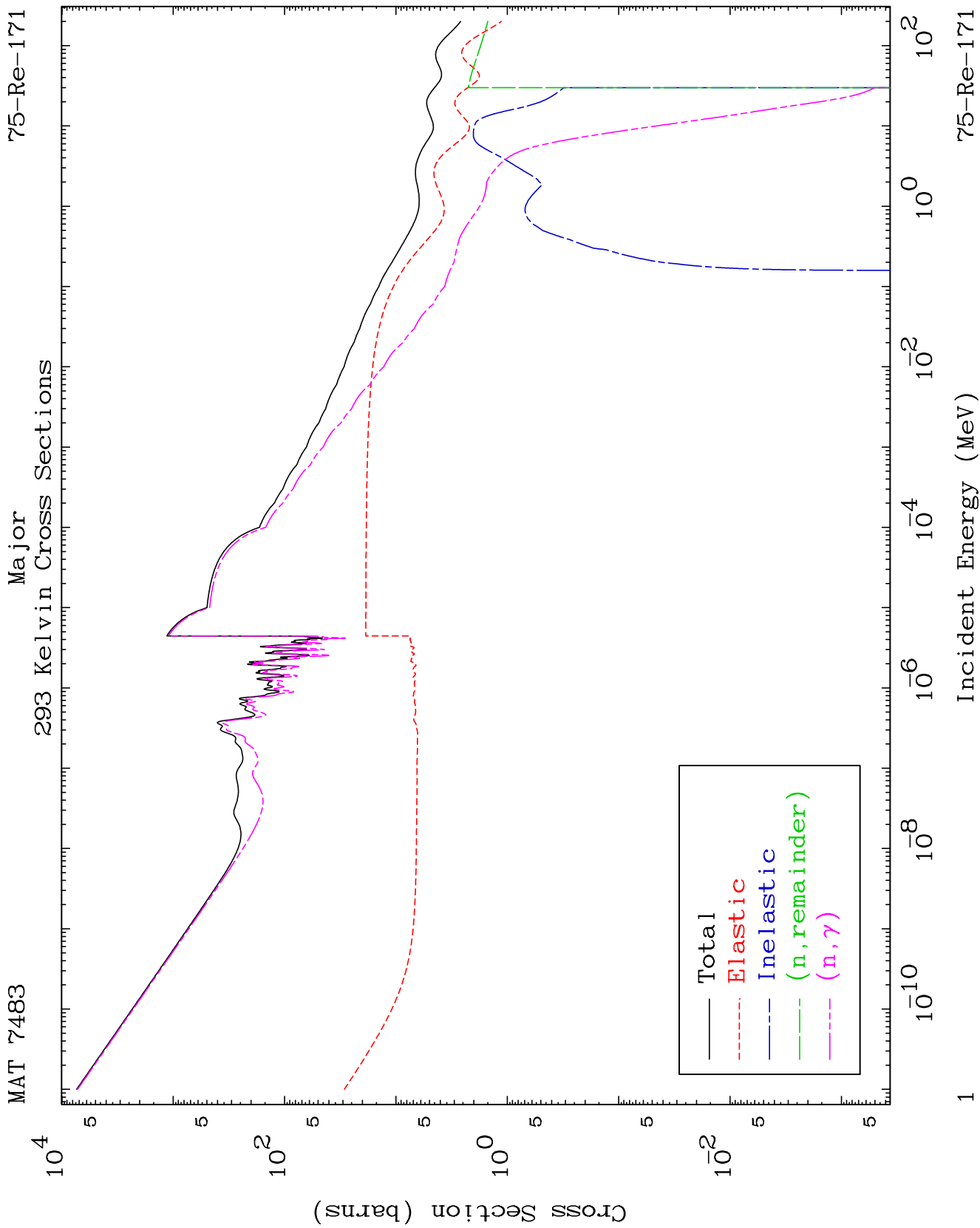
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Web:redcullen1.net/HOMEPAGE.NEW

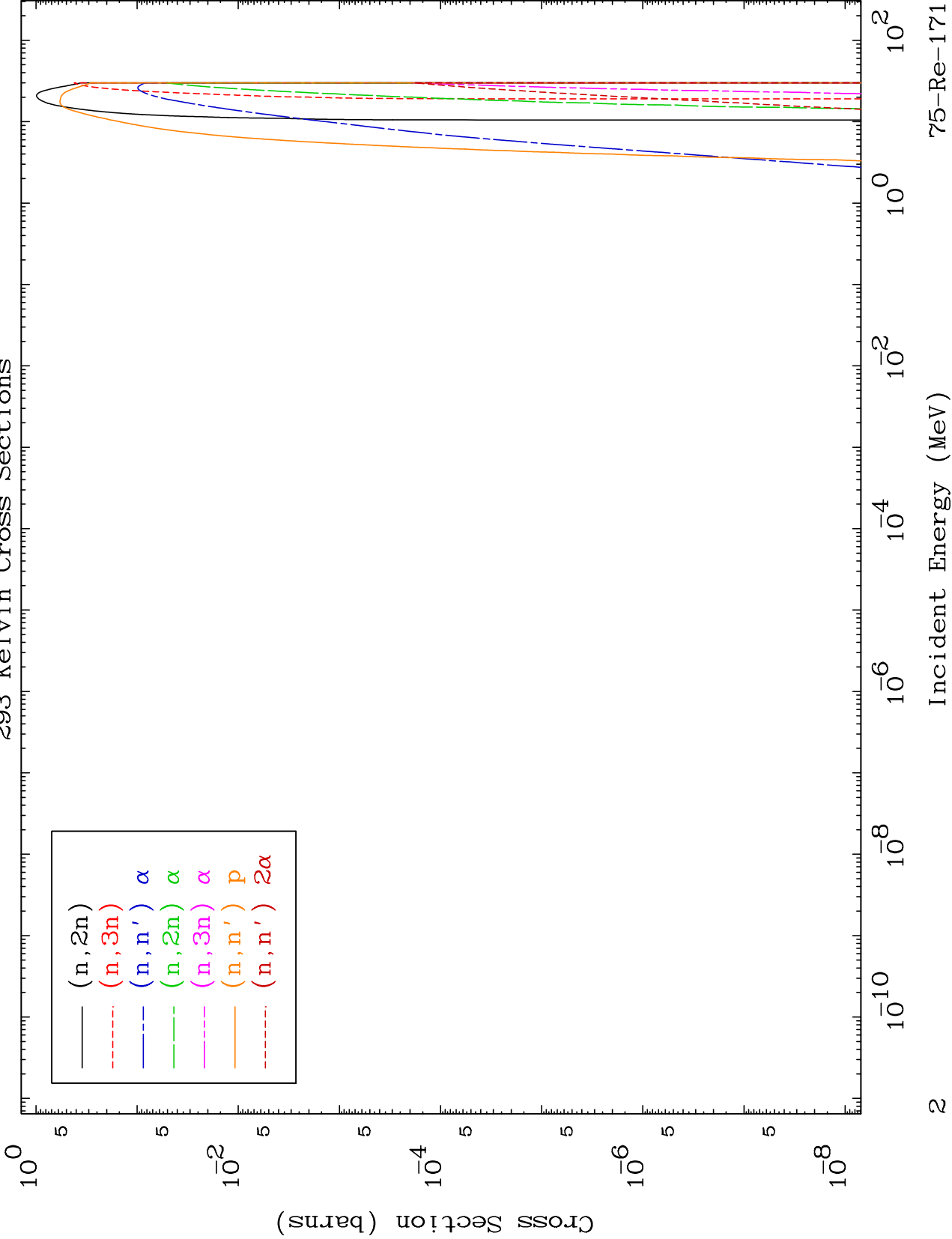
Press Mouse Button to Start



MAT 7483

Neutron Production
293 Kelvin Cross Sections

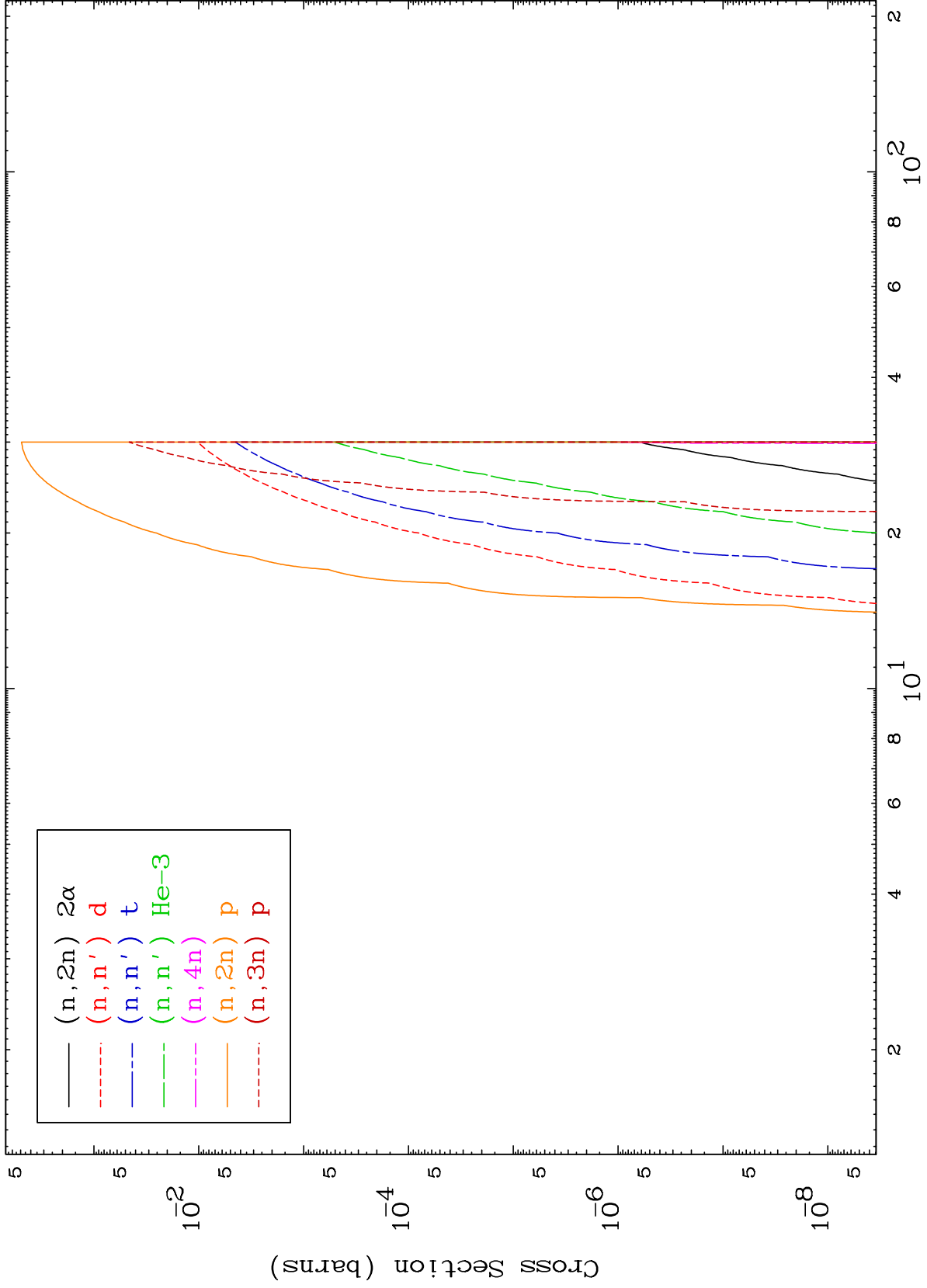
75-Re-171



MAT 7483

Neutron Production
293 Kelvin Cross Sections

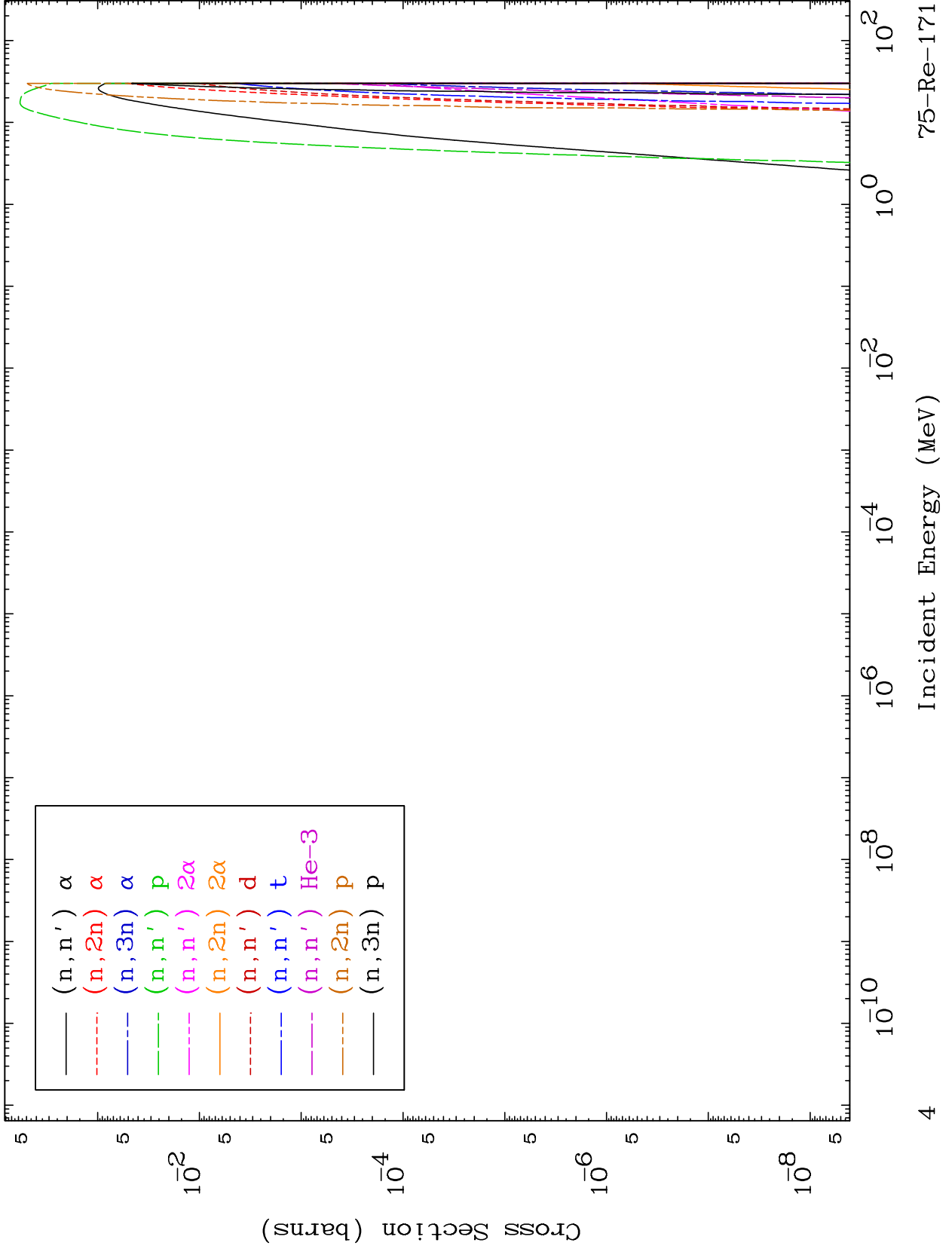
75-Re-171



MAT 7483

Charged Particle
293 Kelvin Cross Sections

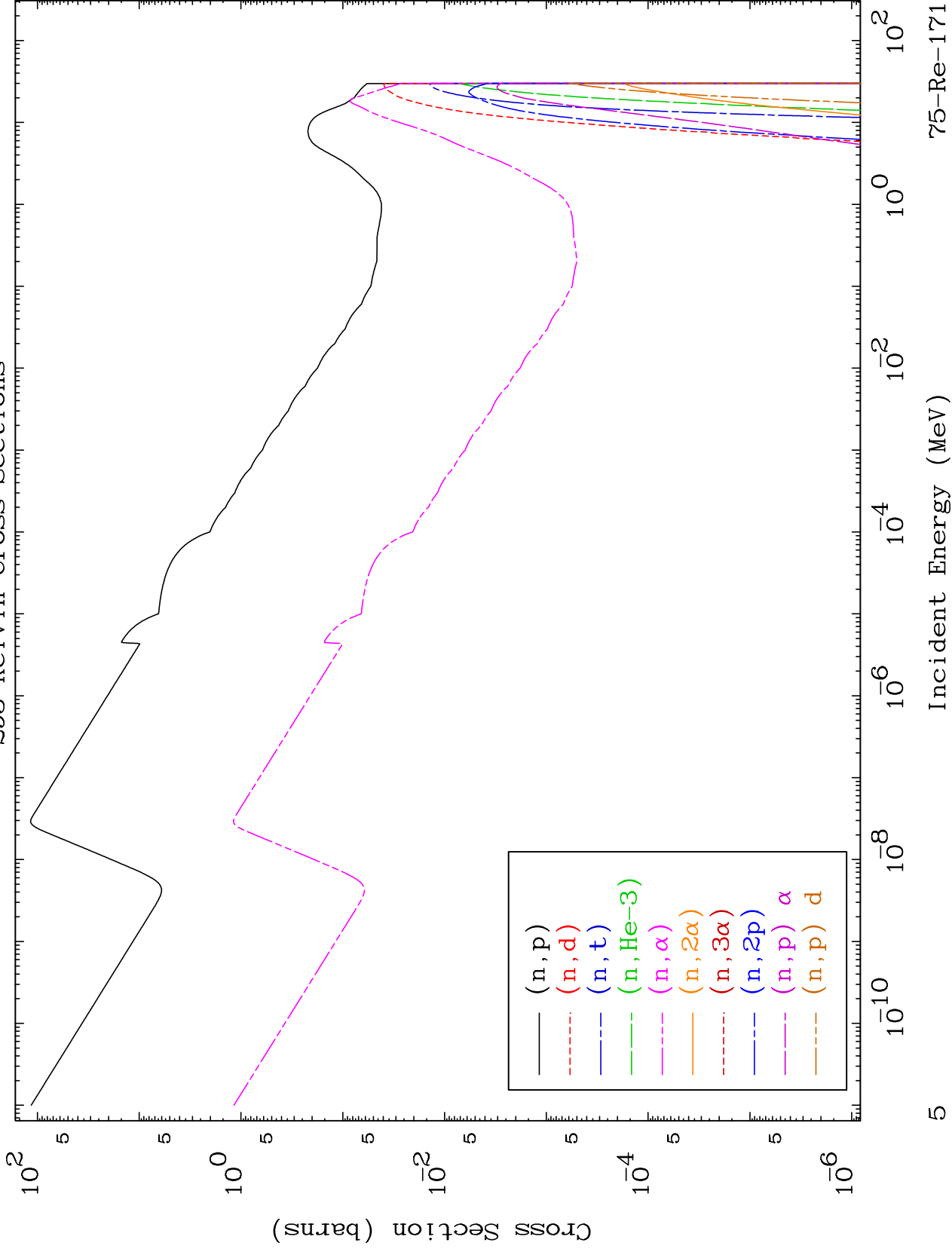
75-Re-171



MAT 7483

Charged Particle
293 Kelvin Cross Sections

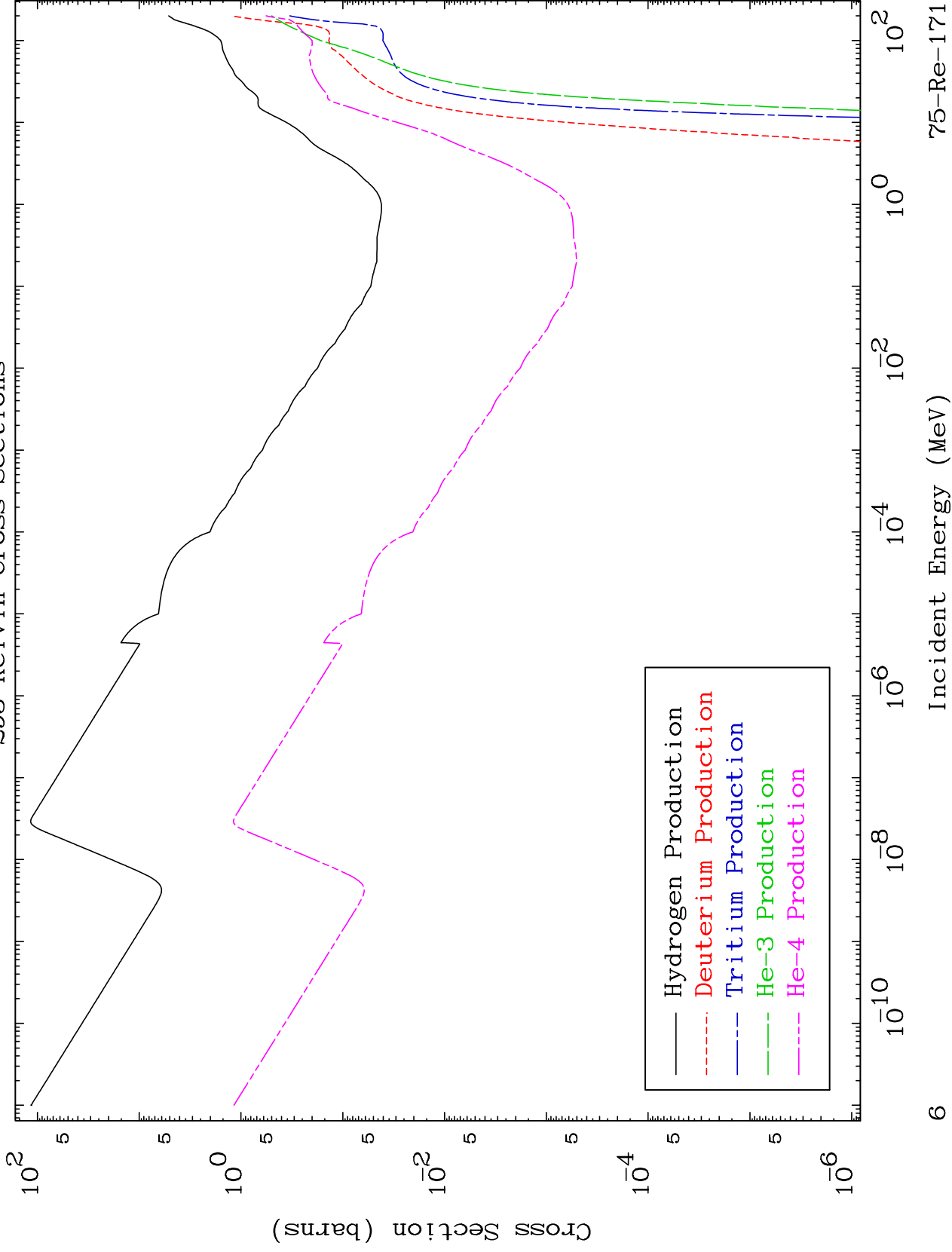
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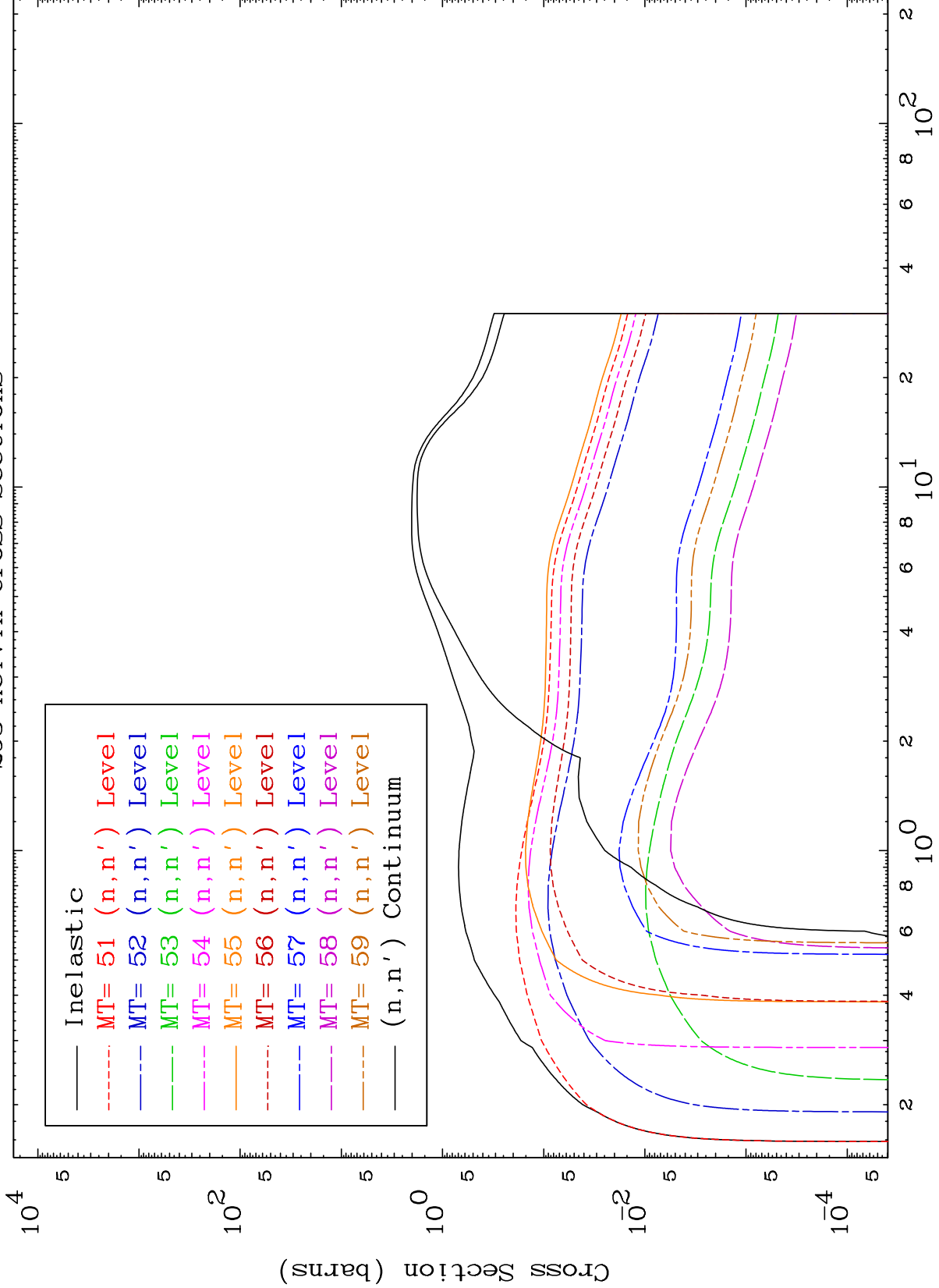
MAT 7483

Particle Production
293 Kelvin Cross Sections

75-Re-171



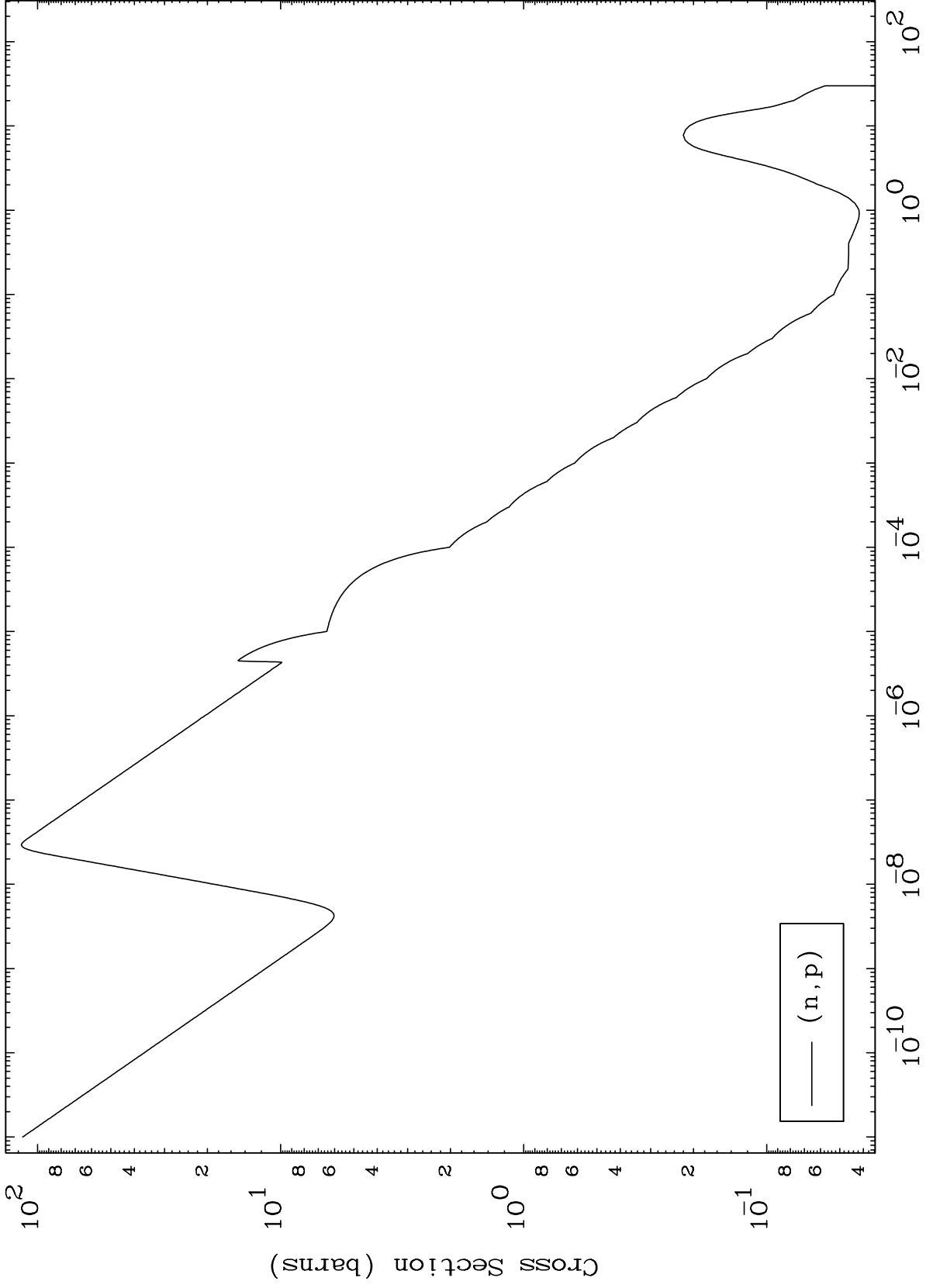
293 Kelvin Cross Sections



MAT 7483

(n,p) Levels
293 Kelvin Cross Sections

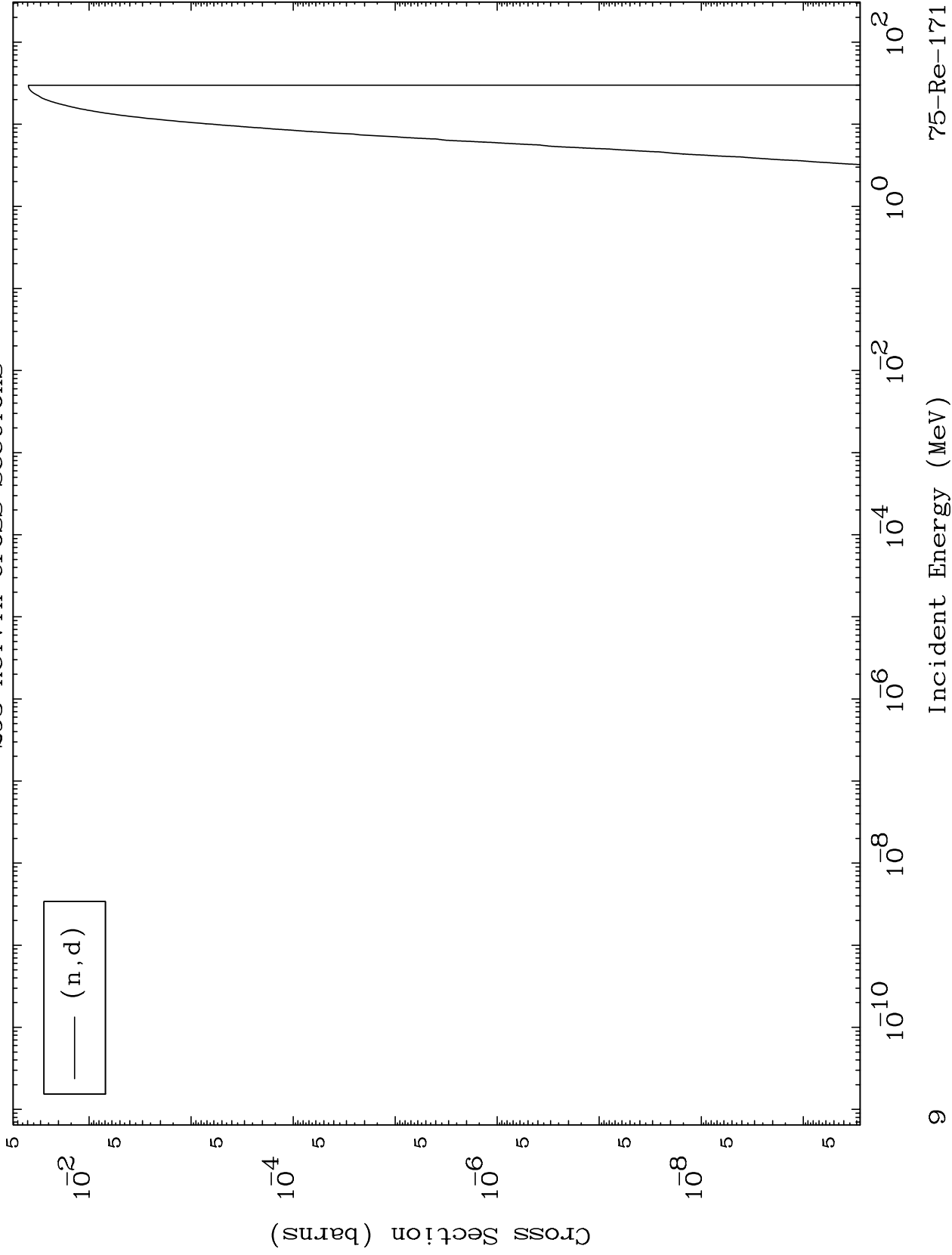
75-Re-171



MAT 7483

(n,d) Levels
293 Kelvin Cross Sections

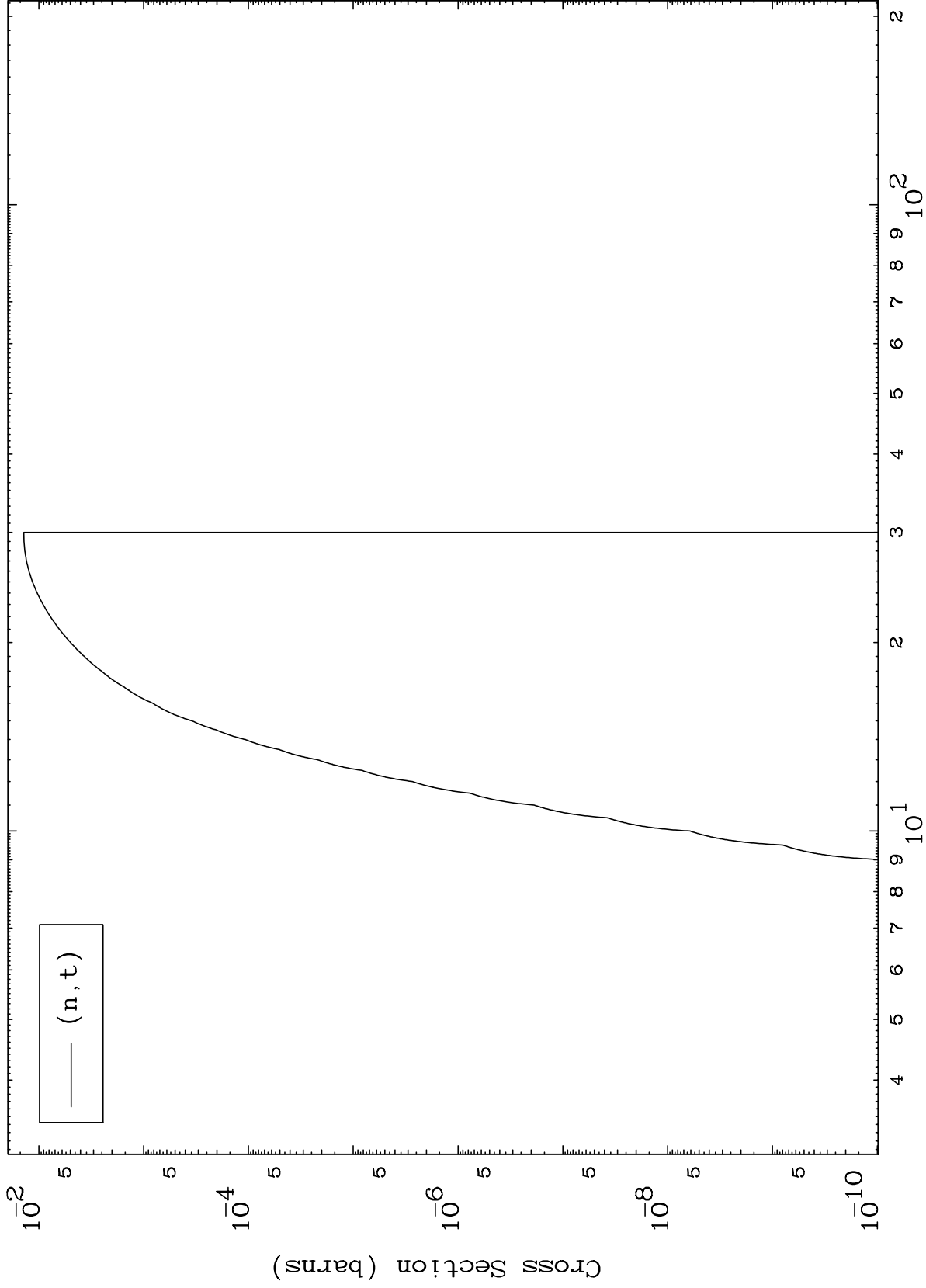
75-Re-171



MAT 7483

(n,t) Levels
293 Kelvin Cross Sections

75-Re-171



10

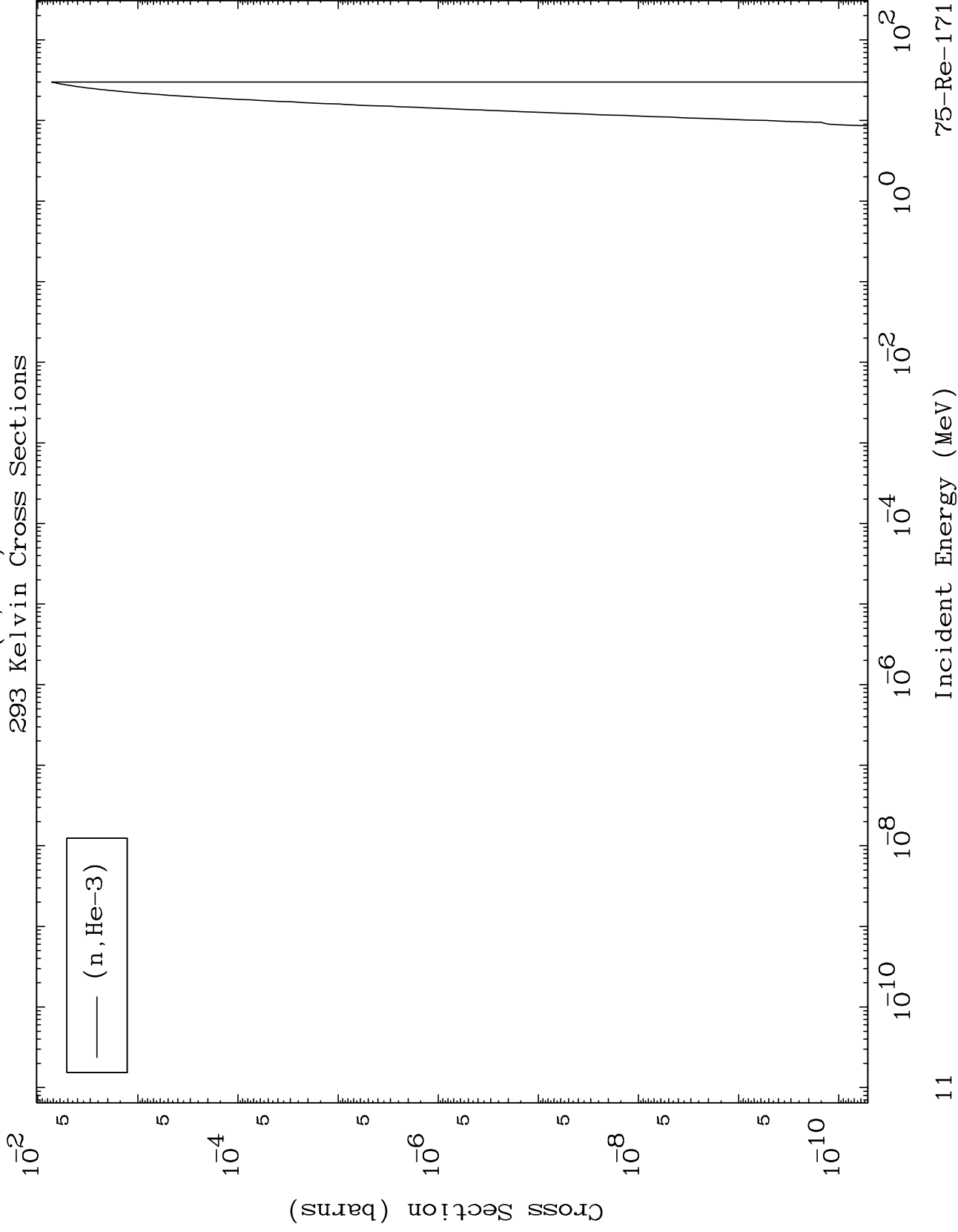
Incident Energy (MeV)

75-Re-171

MAT 7483

(n,He3) Levels
293 Kelvin Cross Sections

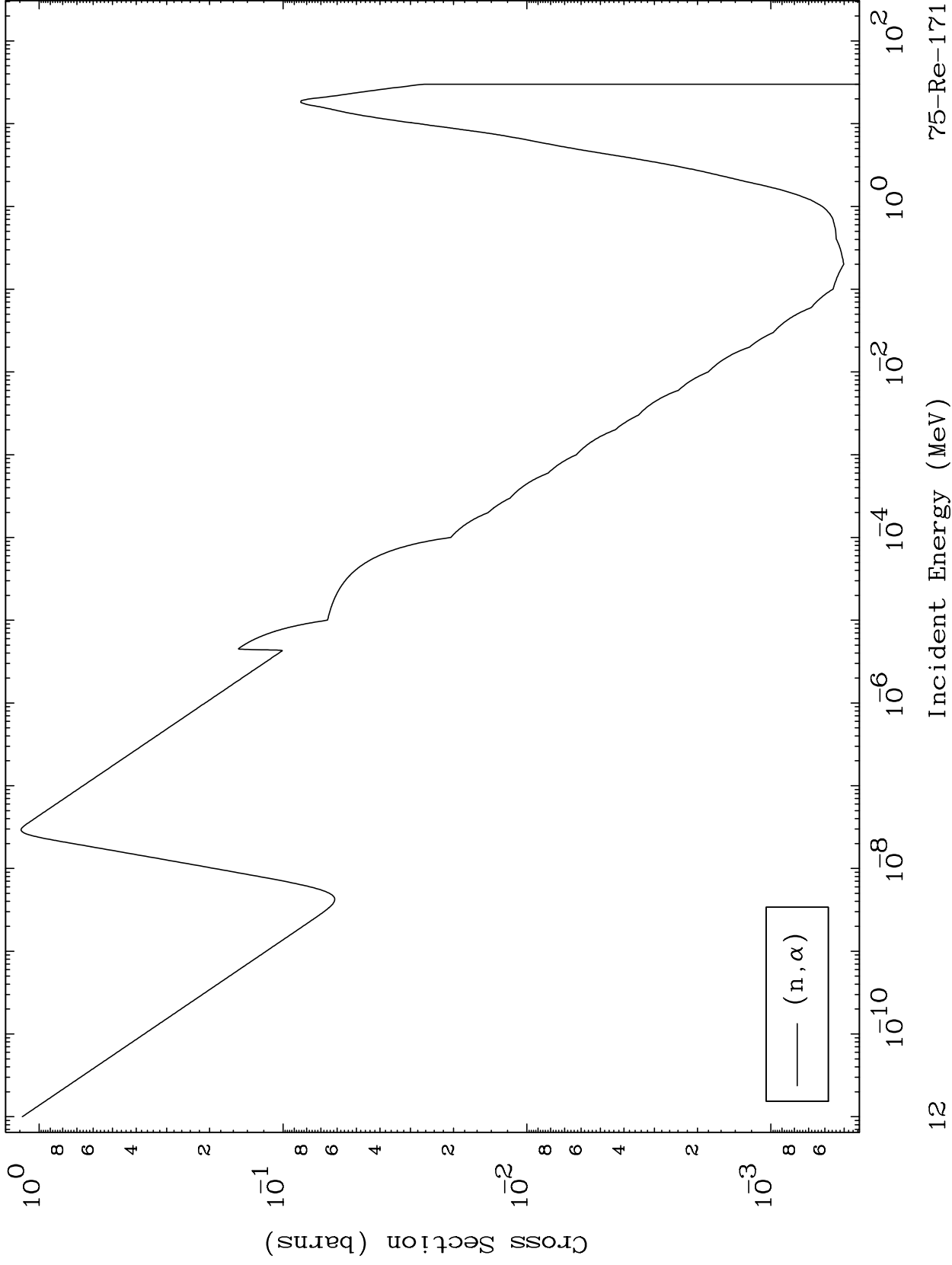
75-Re-171

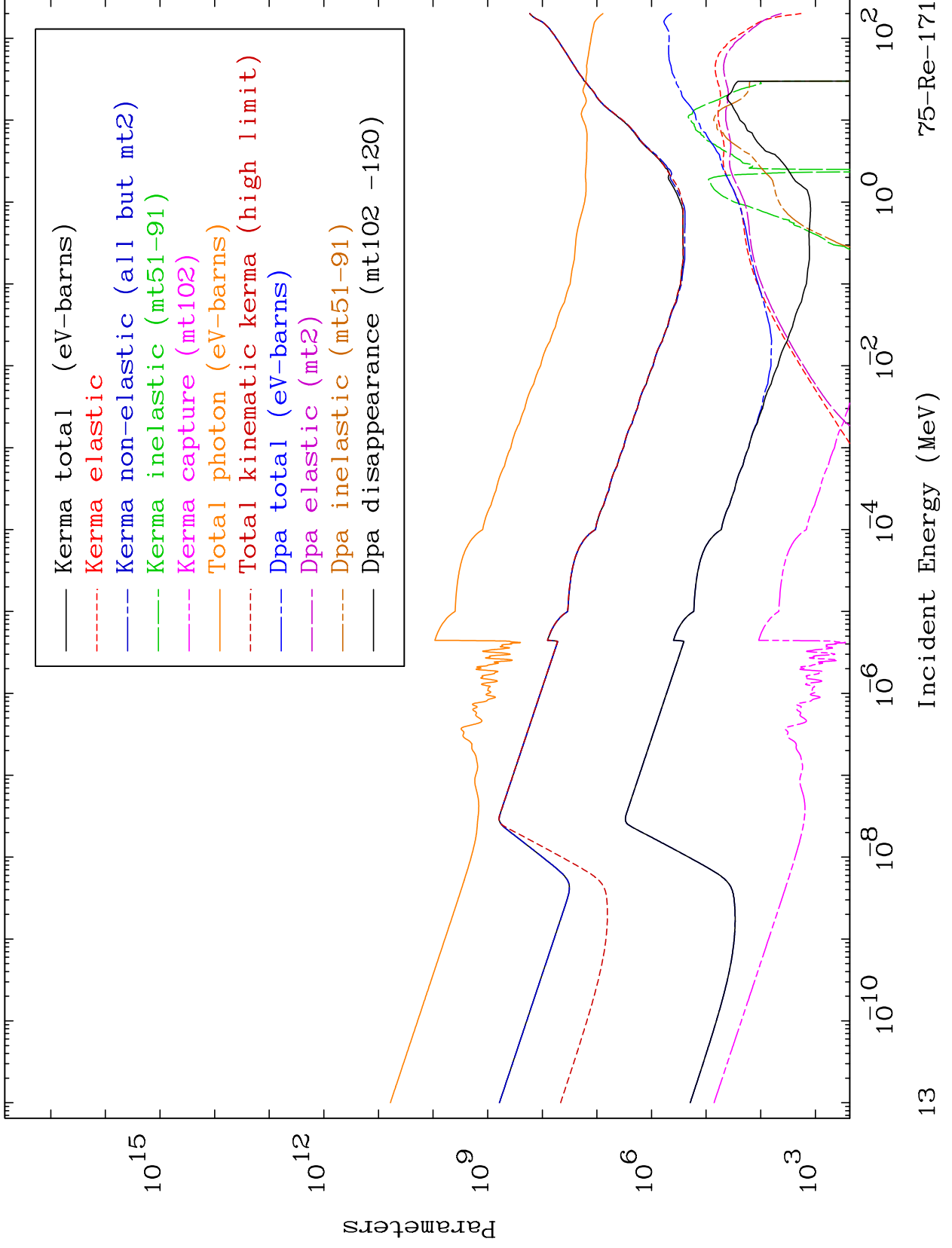


MAT 7483

(n, α) Levels
293 Kelvin Cross Sections

75-Re-171

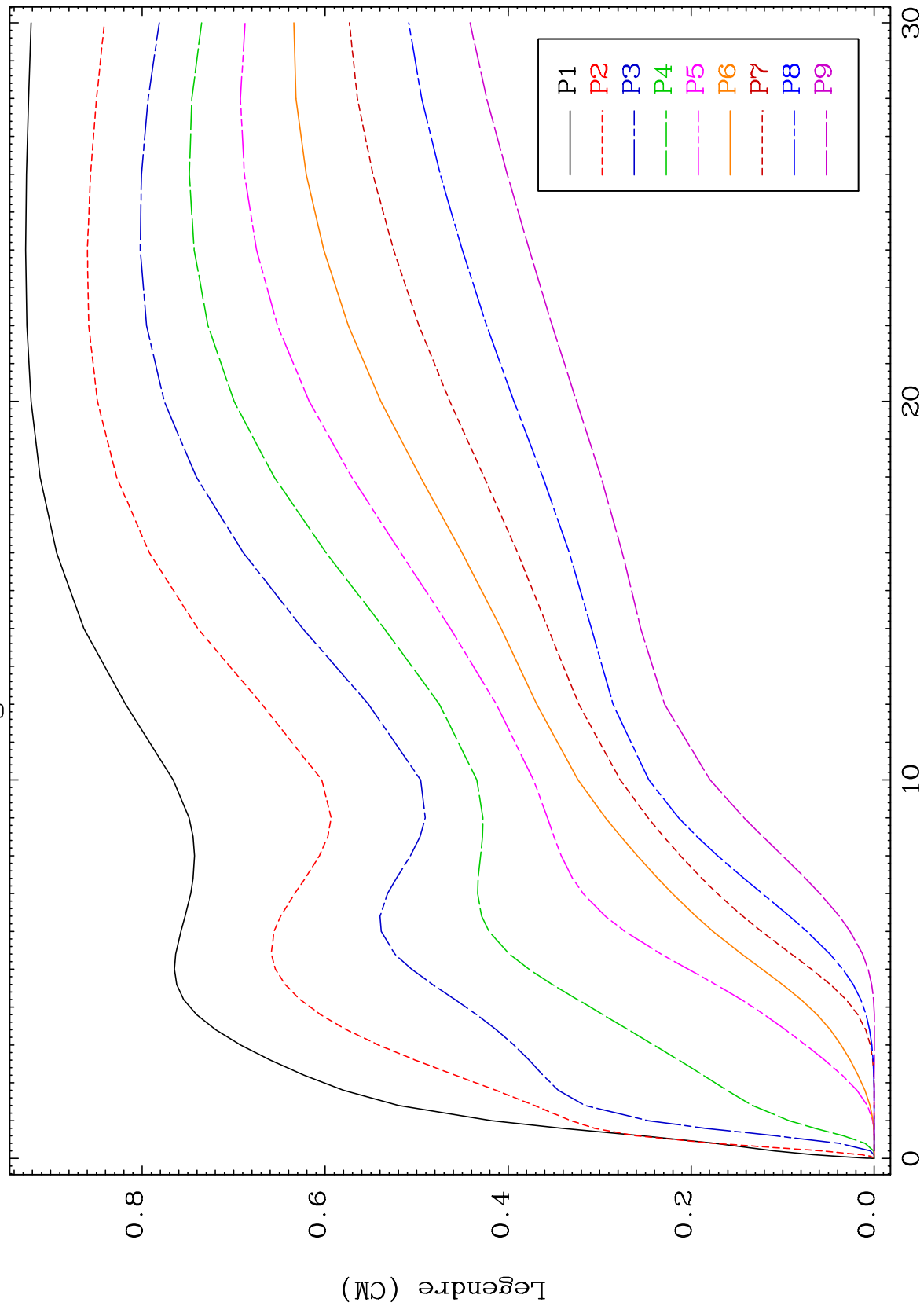




MAT 7483

Elastic Legendre Coefficients

75-Re-171



14

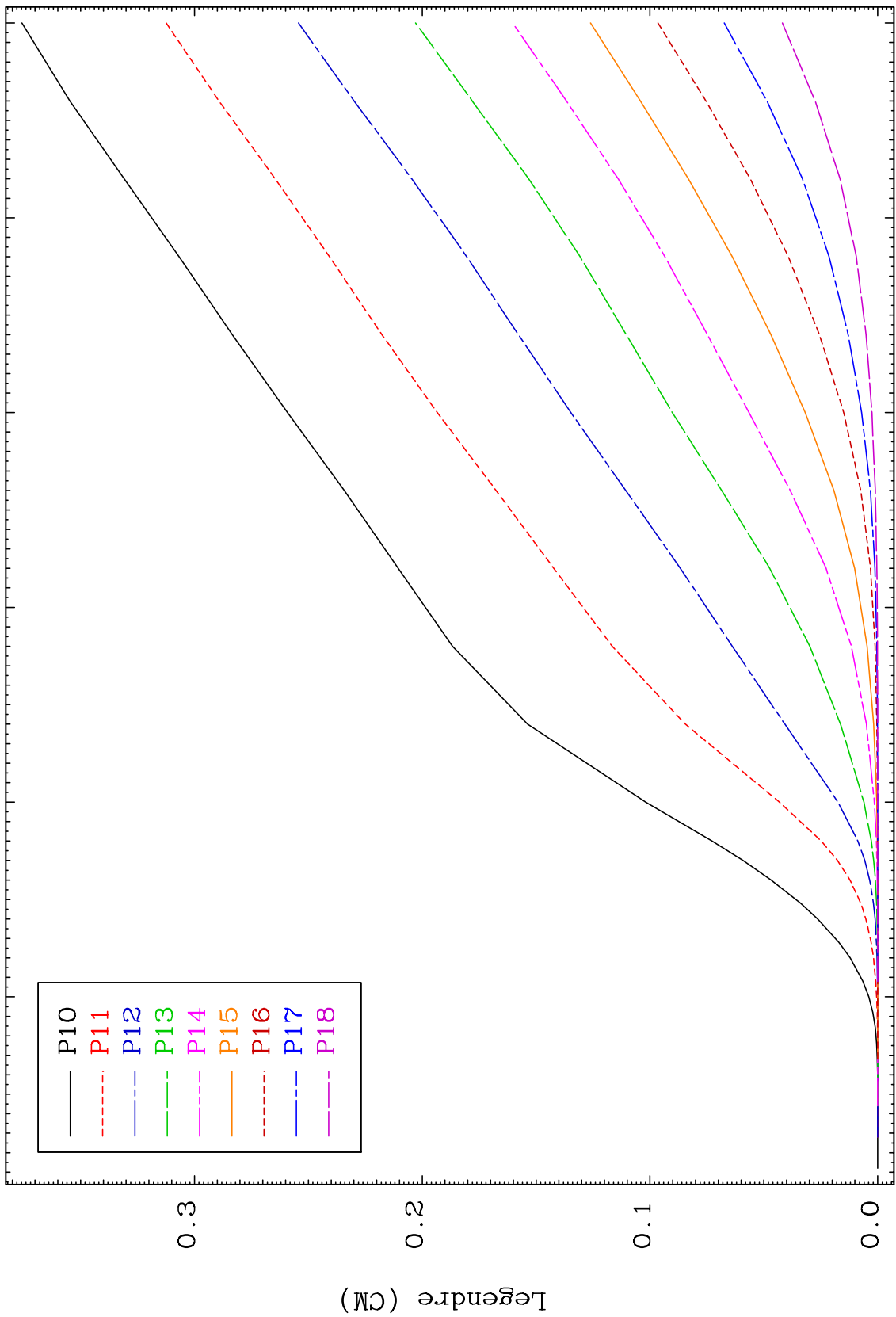
Incident Energy (MeV)

75-Re-171

MAT 7483

Elastic Legendre Coefficients

75-Re-171



15

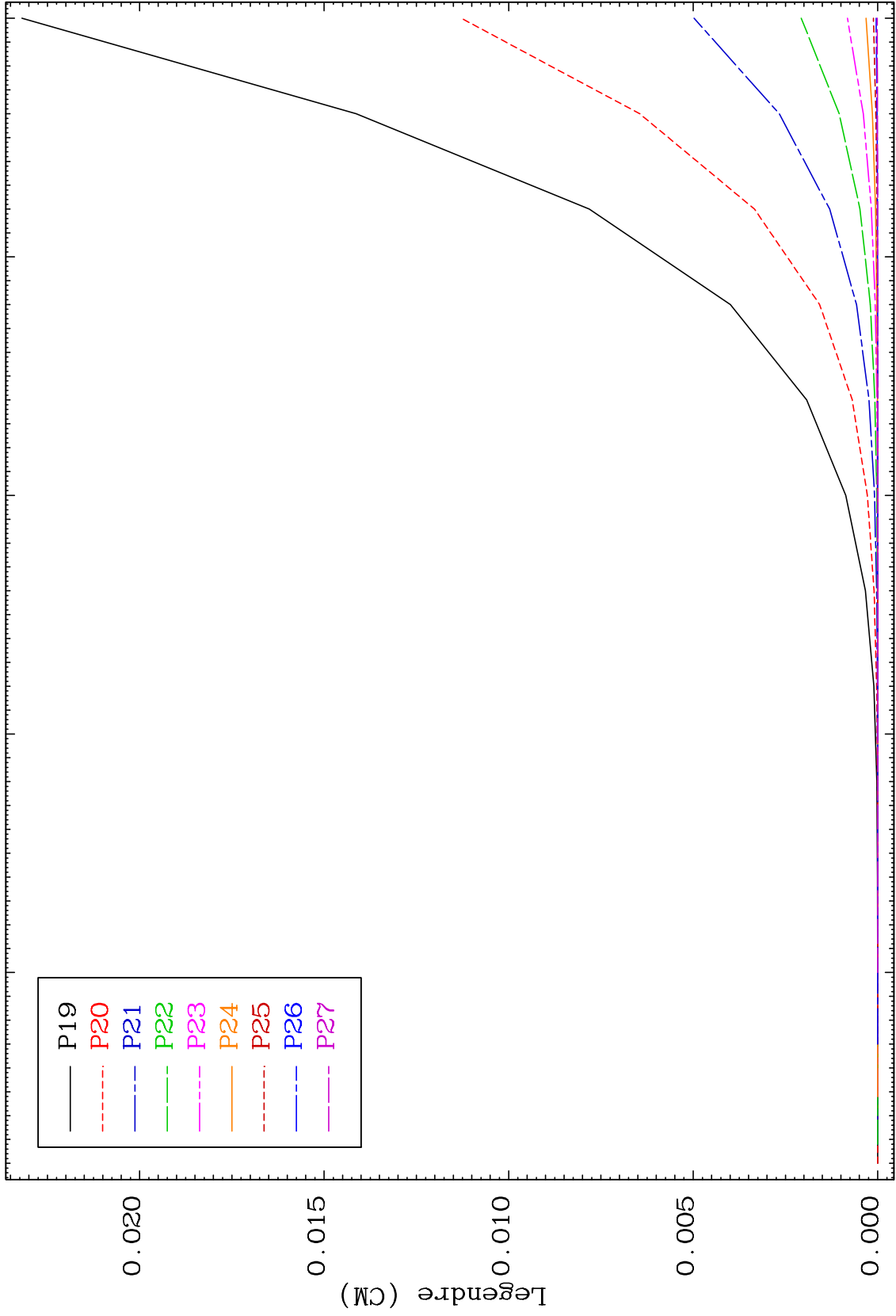
Incident Energy (MeV)

75-Re-171

MAT 7483

Elastic Legendre Coefficients

75-Re-171



16

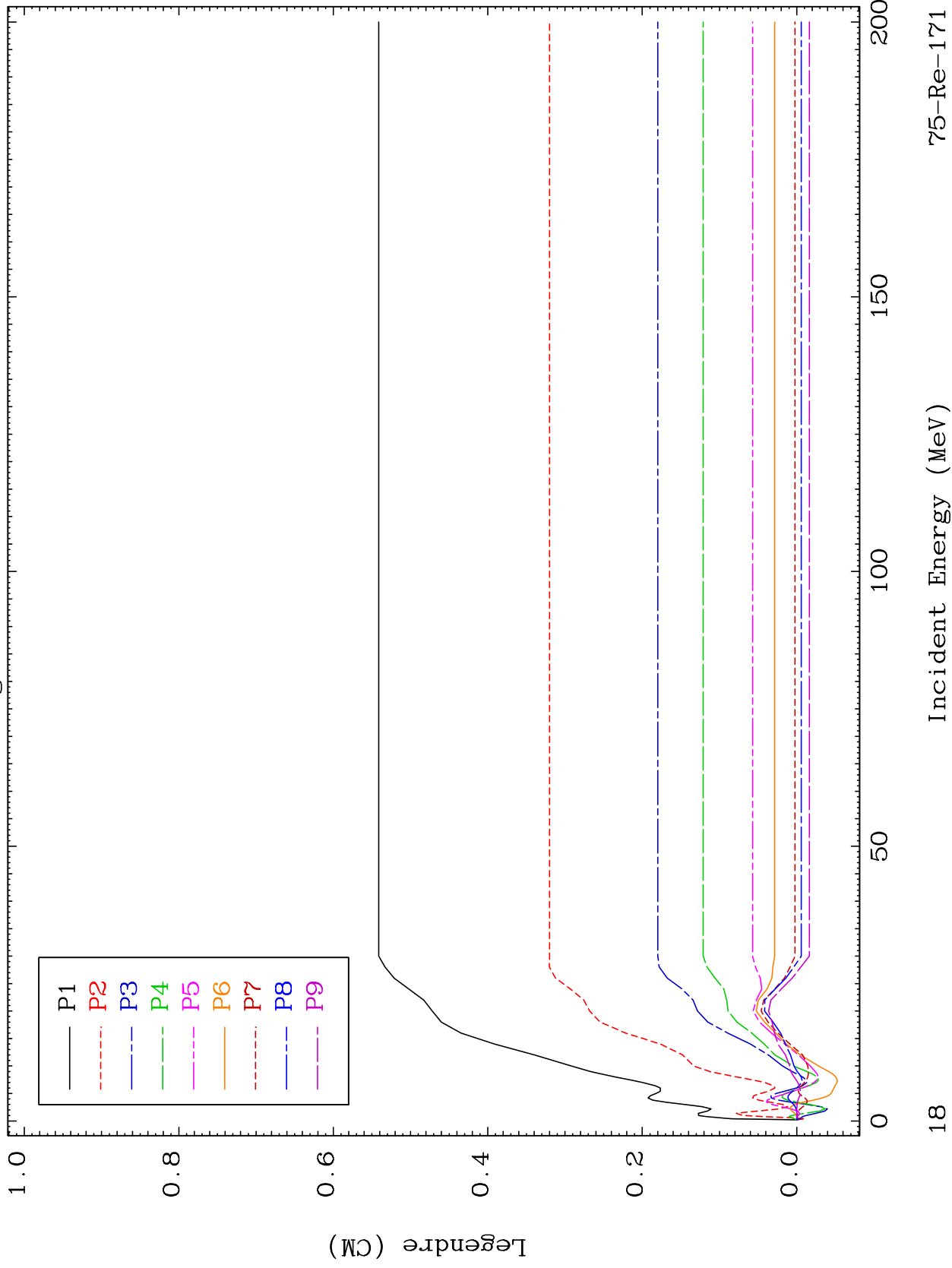
Incident Energy (MeV)

75-Re-171

MAT 7483

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

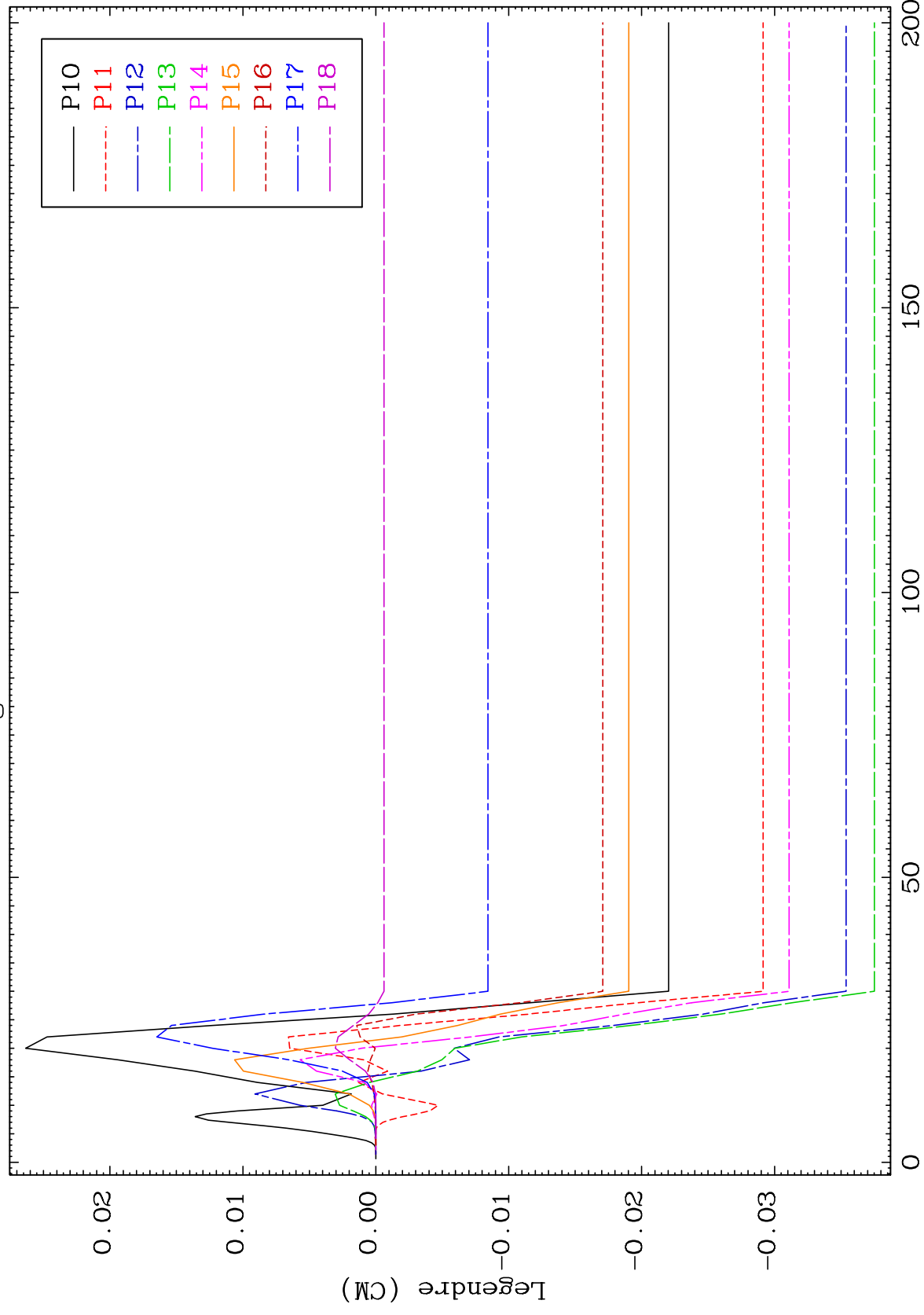
75-Re-171



MAT 7483

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

75-Re-171



19

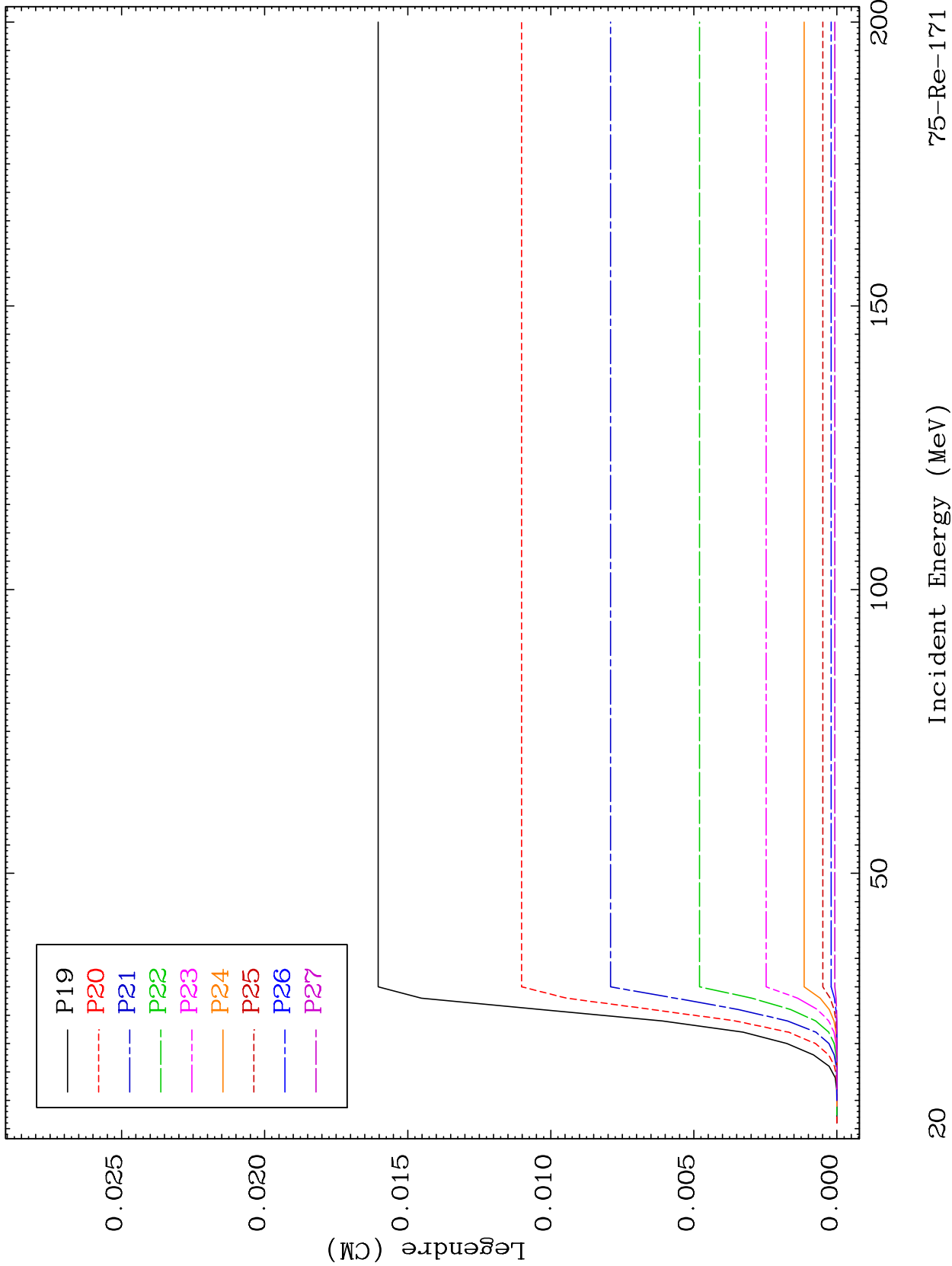
Incident Energy (MeV)

75-Re-171

MAT 7483

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

75-Re-171



20

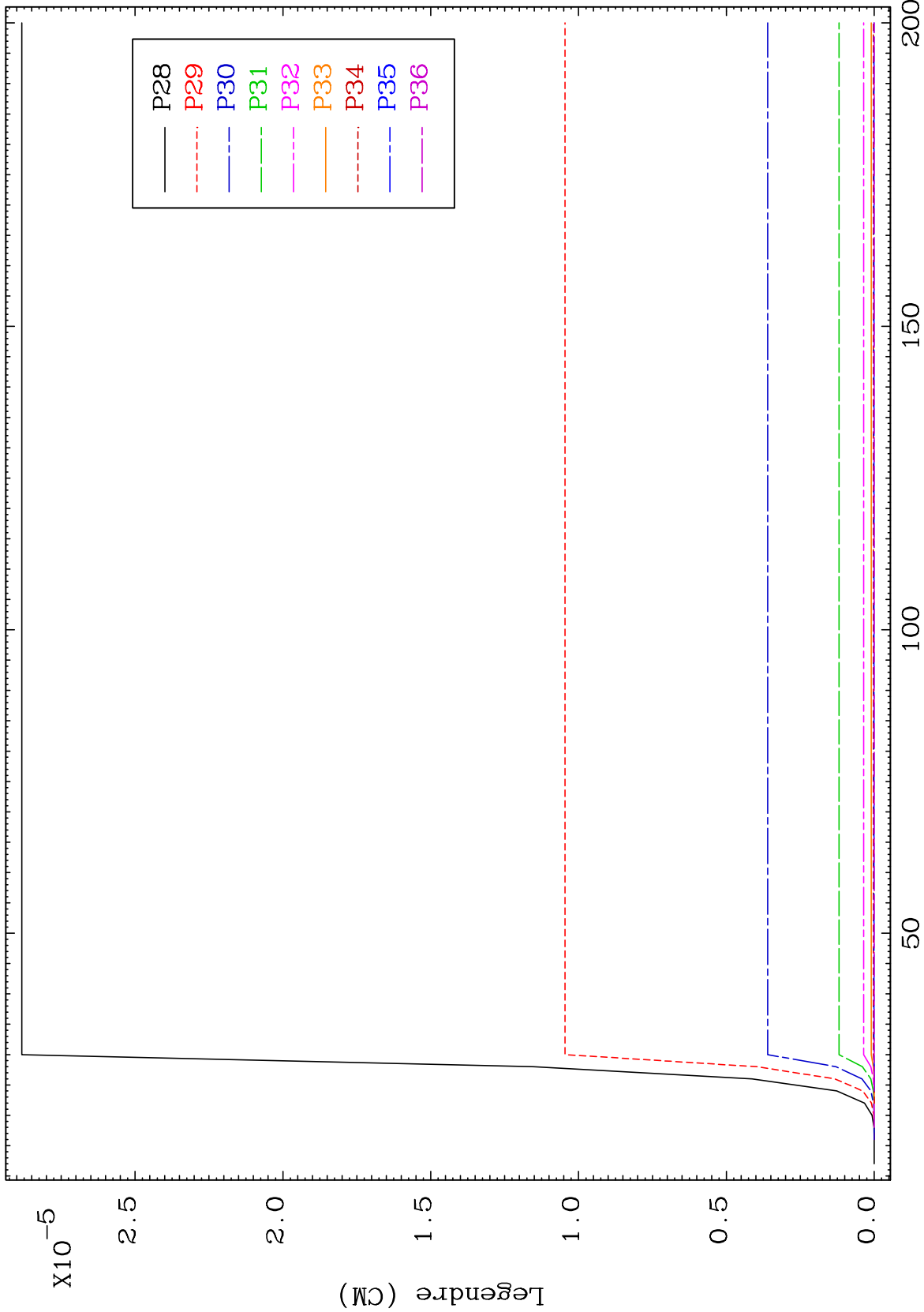
Incident Energy (MeV)

75-Re-171

MAT 7483

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

75-Re-171



21

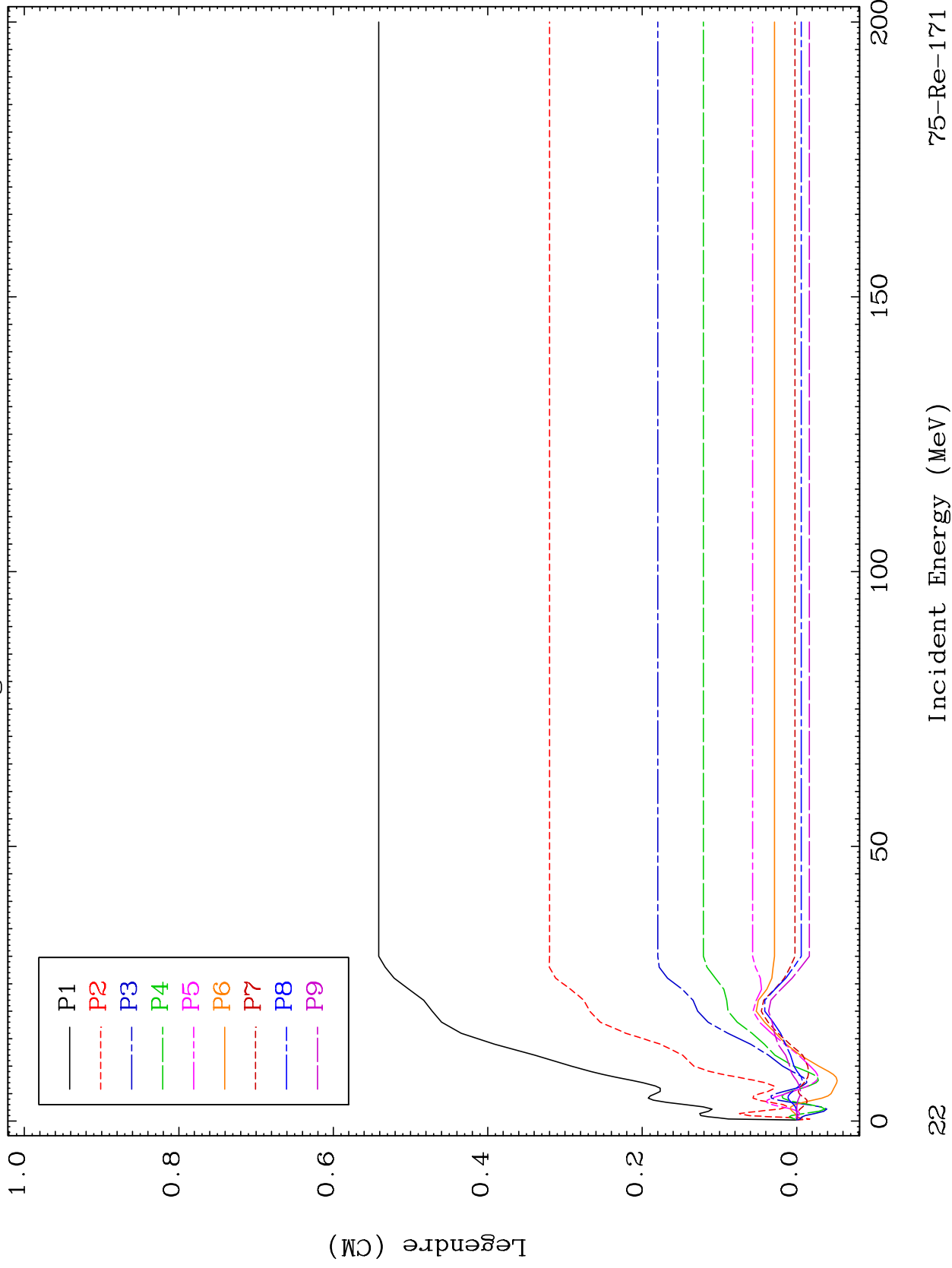
Incident Energy (MeV)

75-Re-171

MAT 7483

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

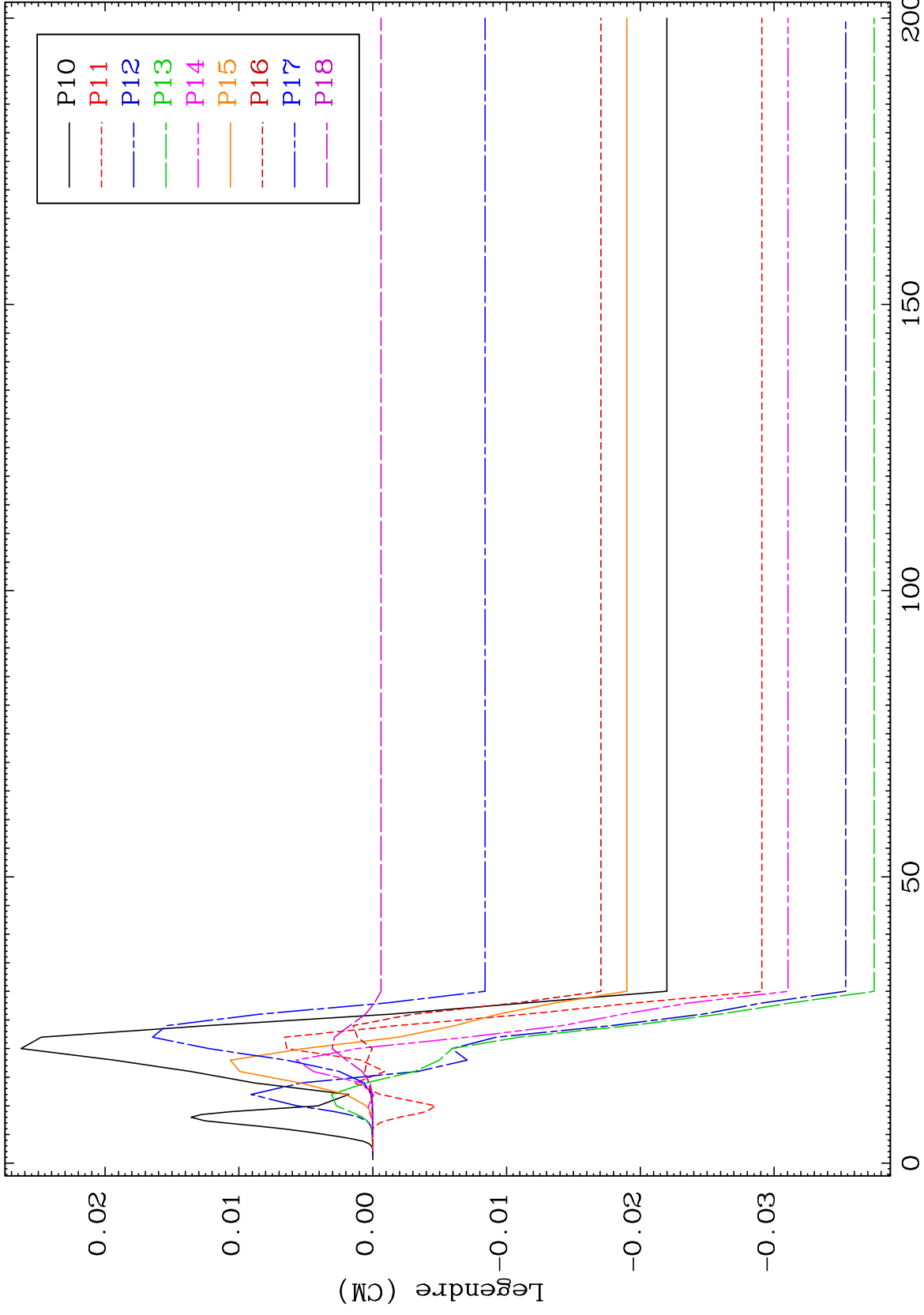
75-Re-171



MAT 7483

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

75-Re-171



23

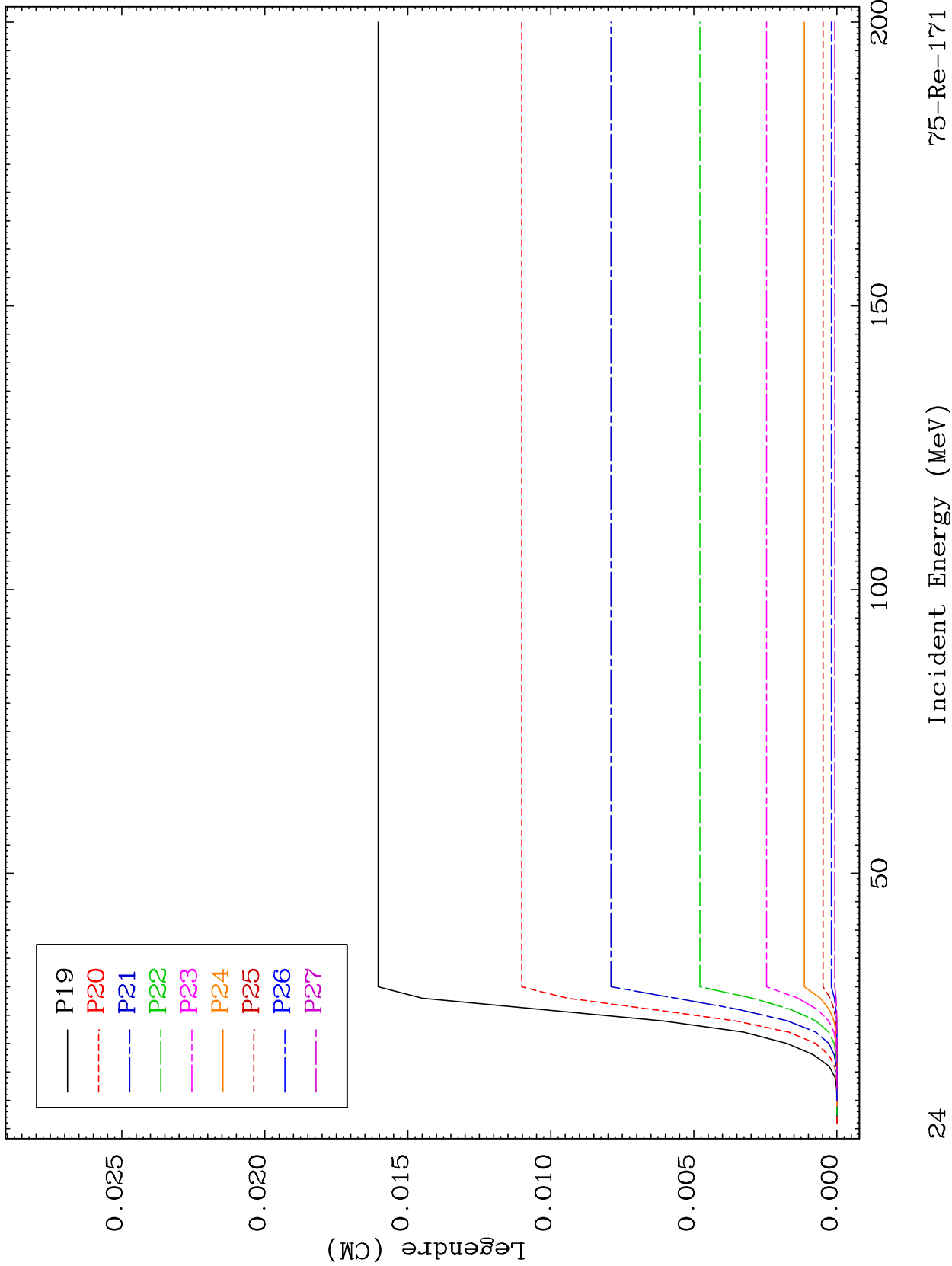
Incident Energy (MeV)

75-Re-171

MAT 7483

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

75-Re-171



24

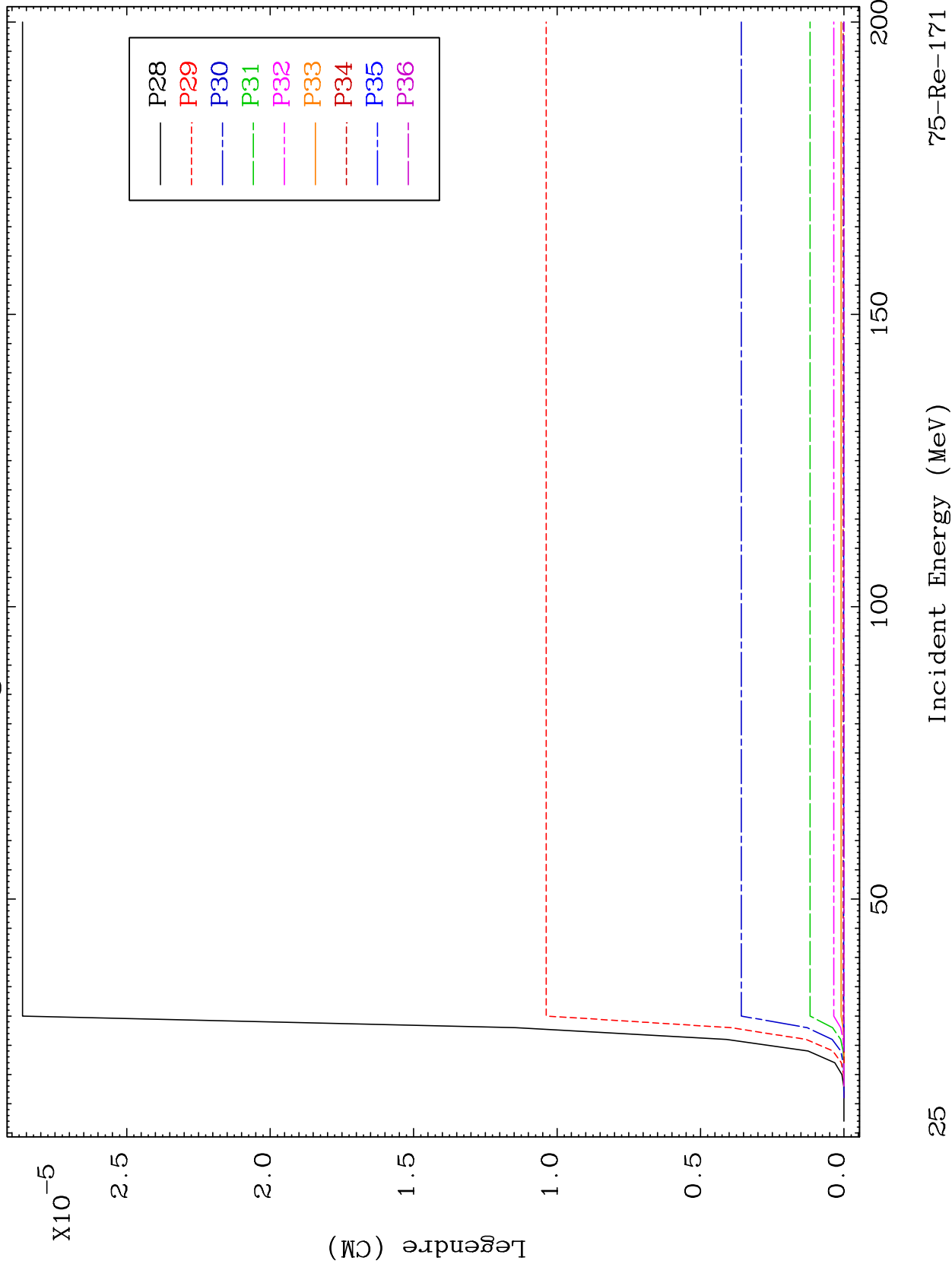
75-Re-171

Incident Energy (MeV)

MAT 7483

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

75-Re-171



25

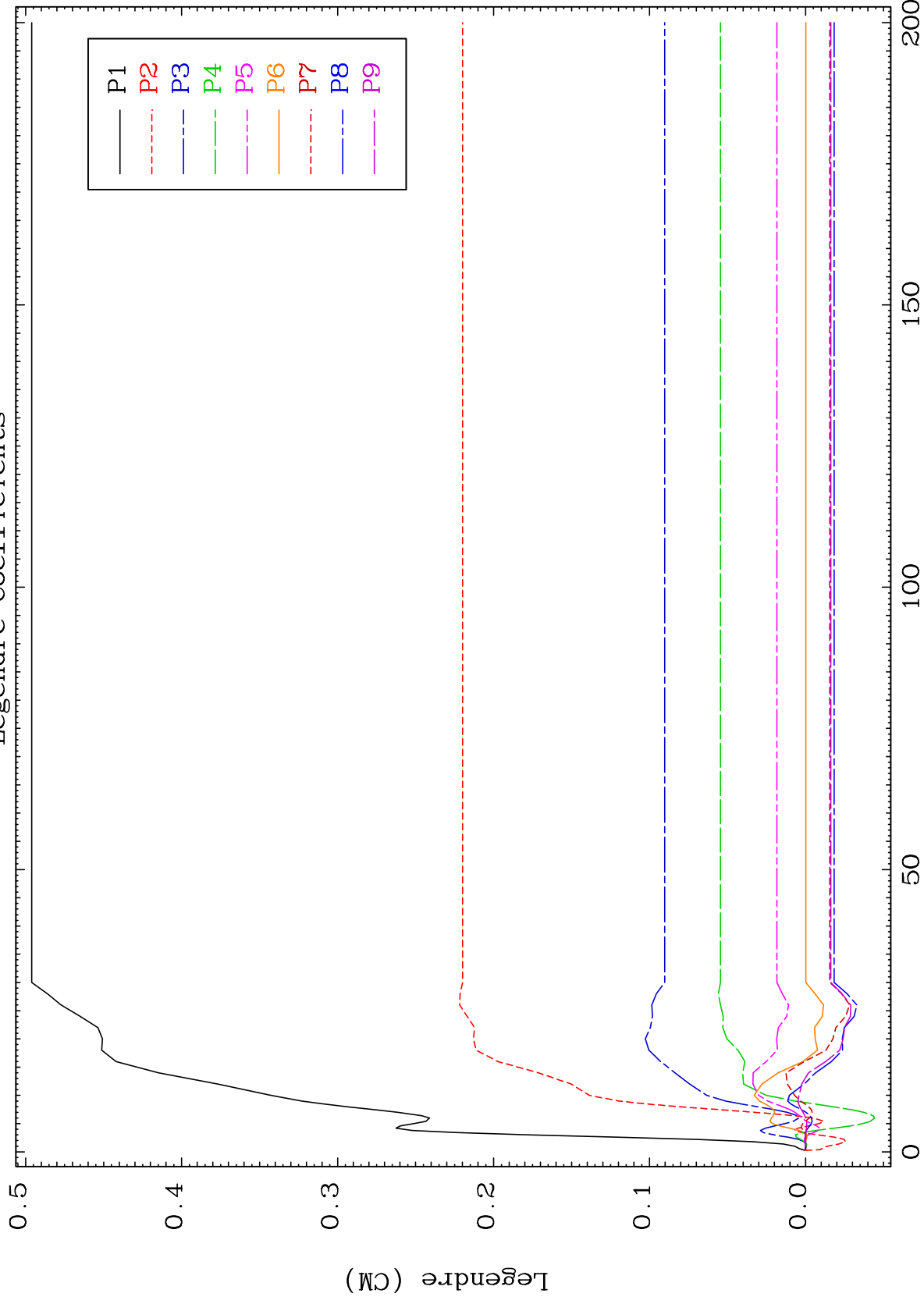
Incident Energy (MeV)

75-Re-171

MAT 7483

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

75-Re-171



26

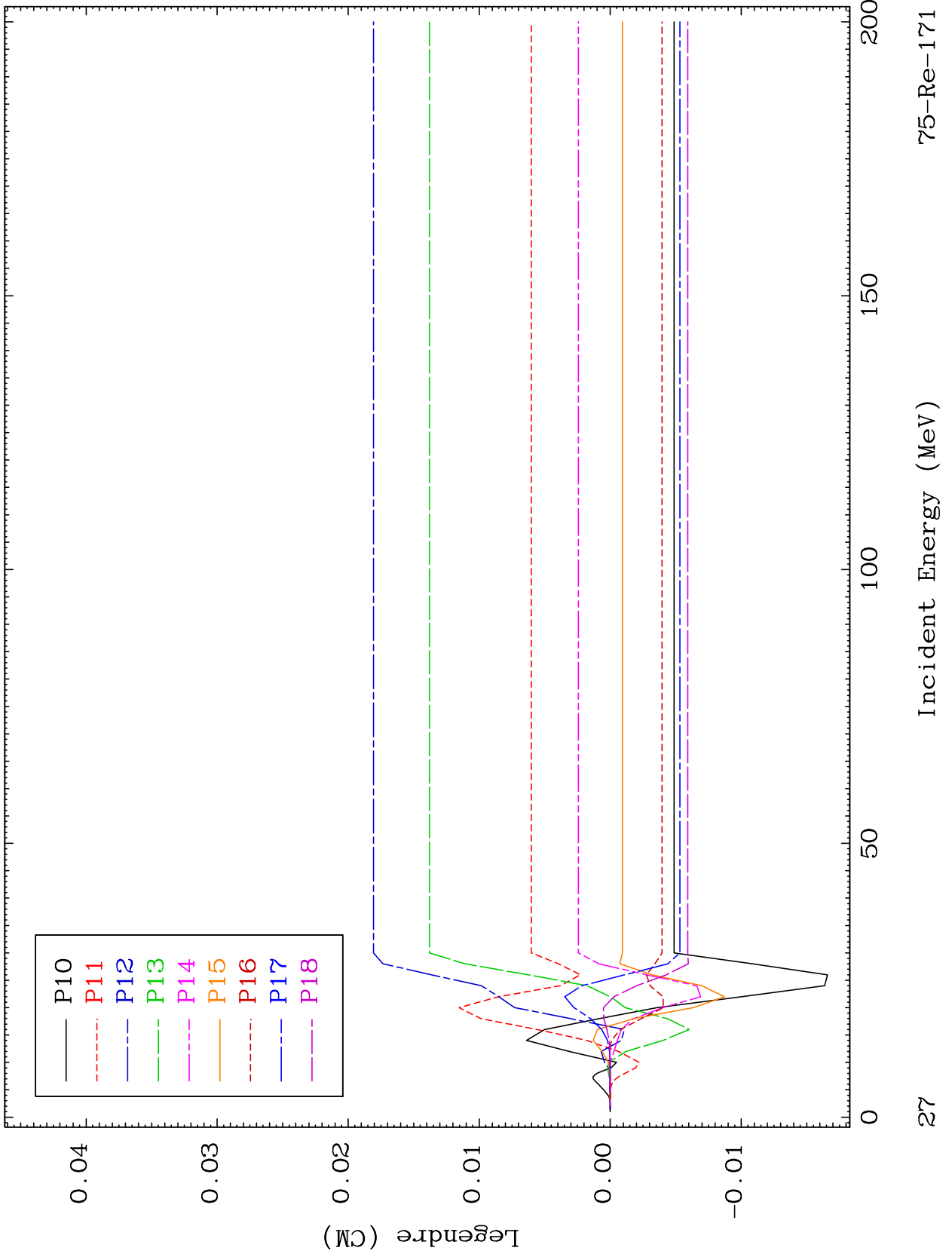
Incident Energy (MeV)

75-Re-171

MAT 7483

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

75-Re-171



27

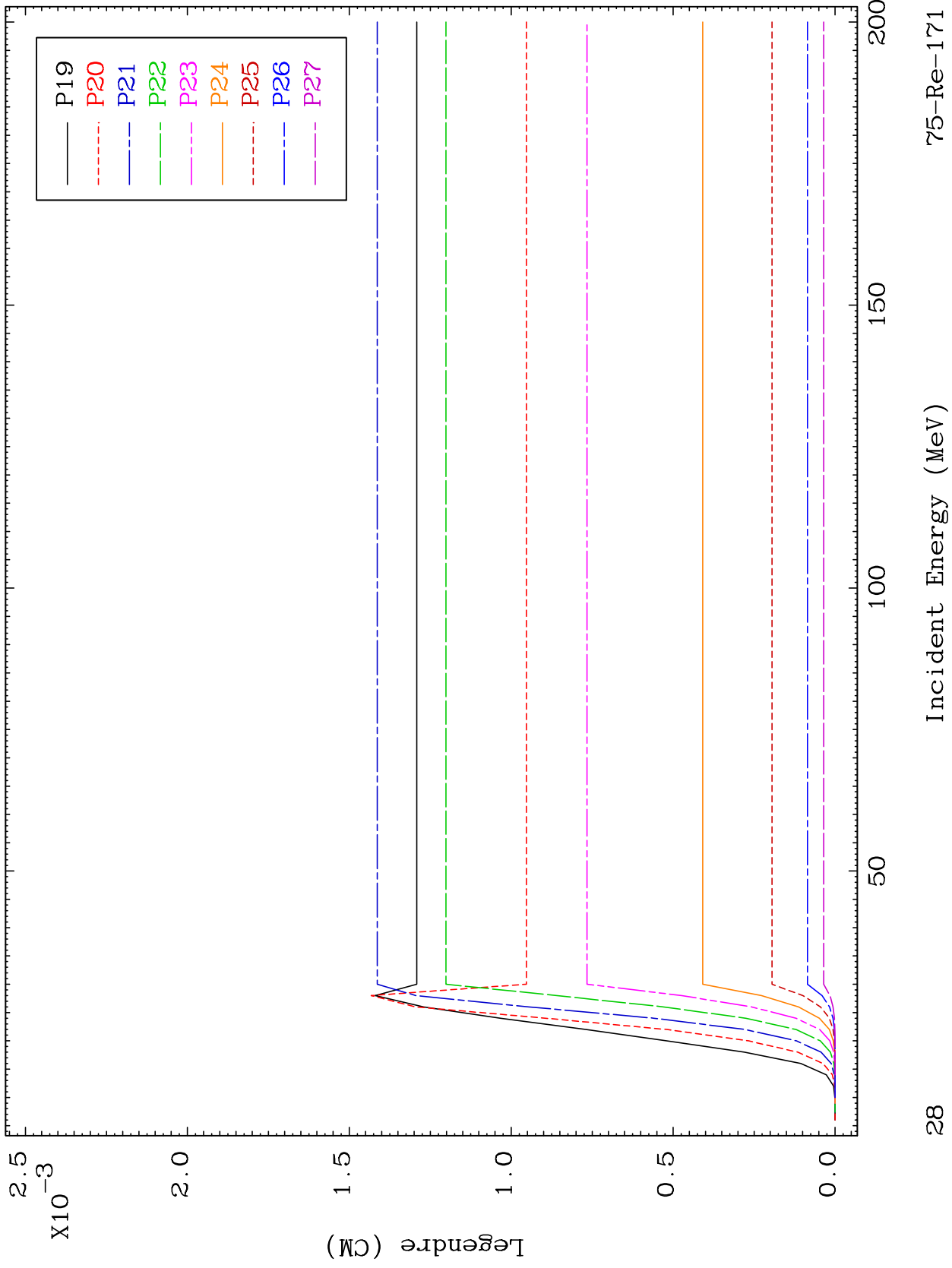
Incident Energy (MeV)

75-Re-171

MAT 7483

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

75-Re-171



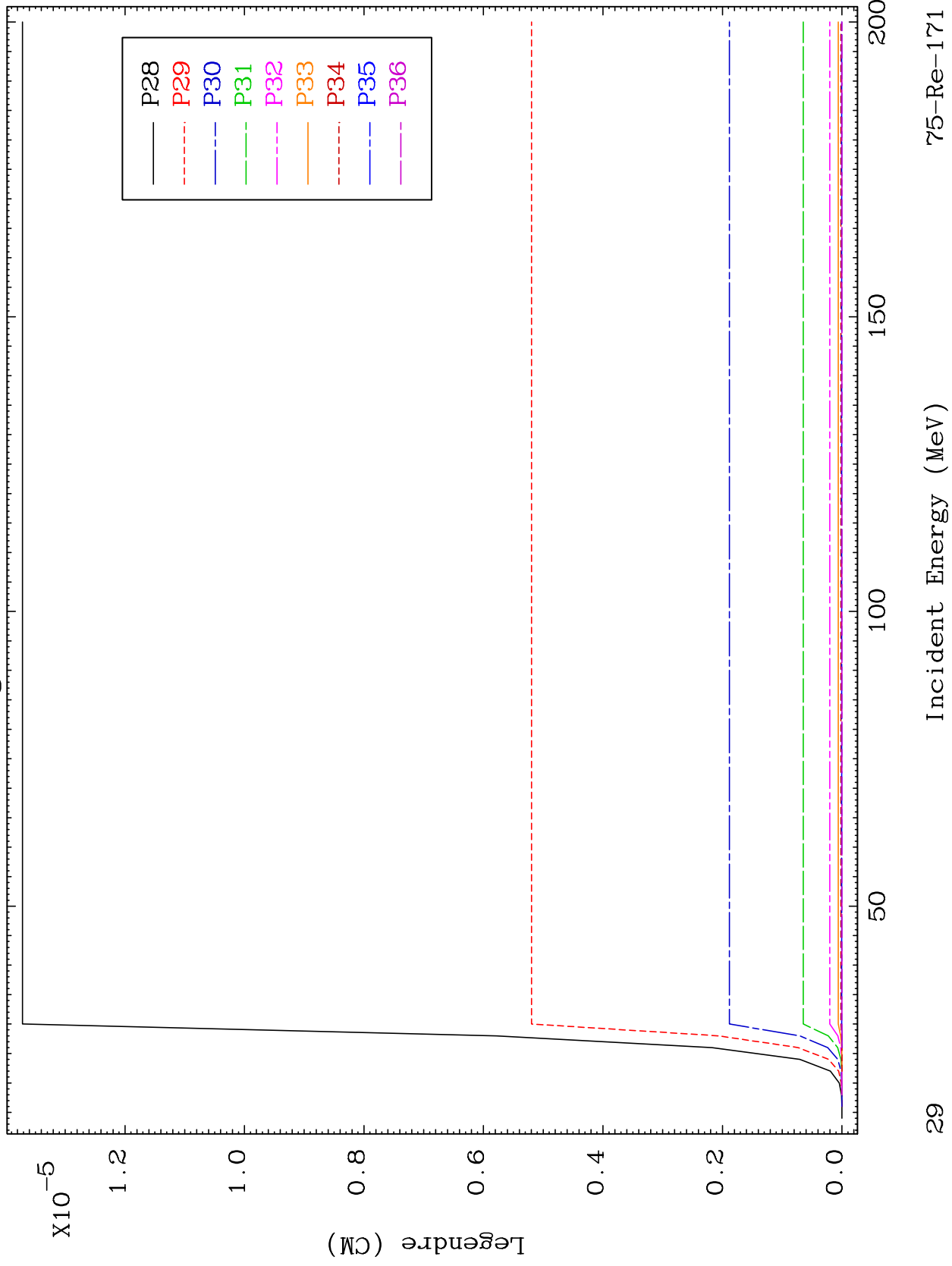
28

75-Re-171

MAT 7483

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

75-Re-171



29

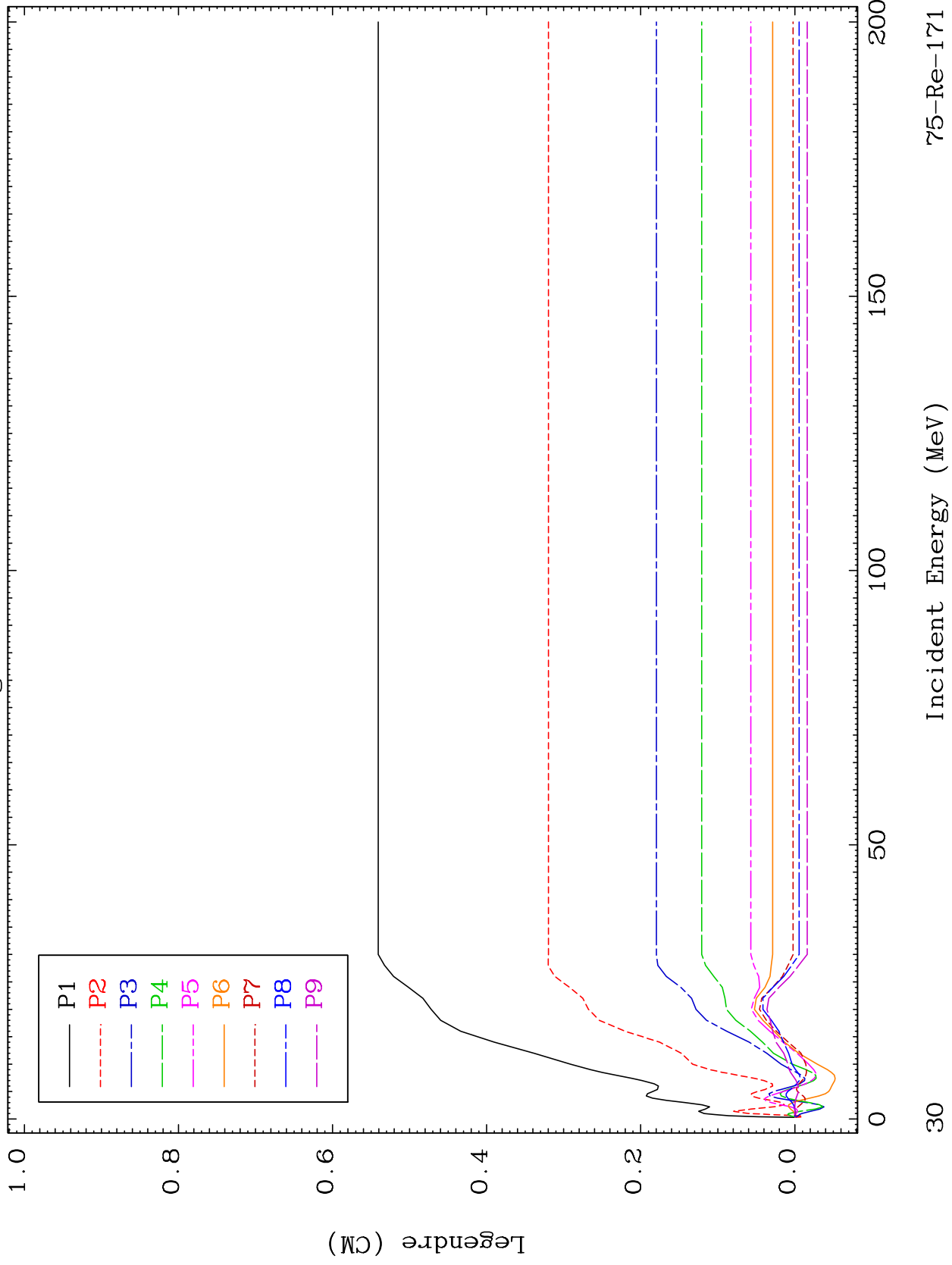
Incident Energy (MeV)

75-Re-171

MAT 7483

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

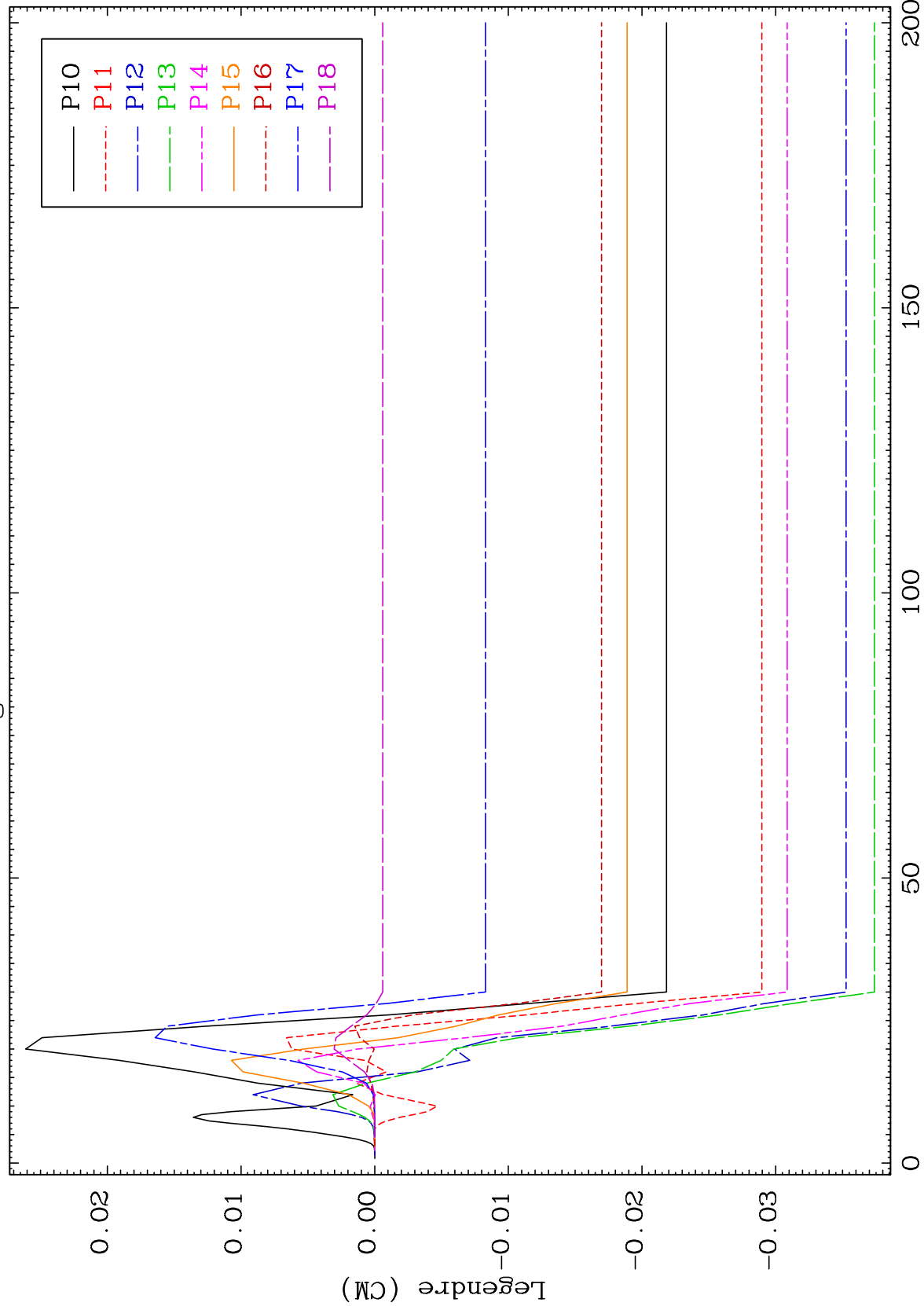
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MAT 7483

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

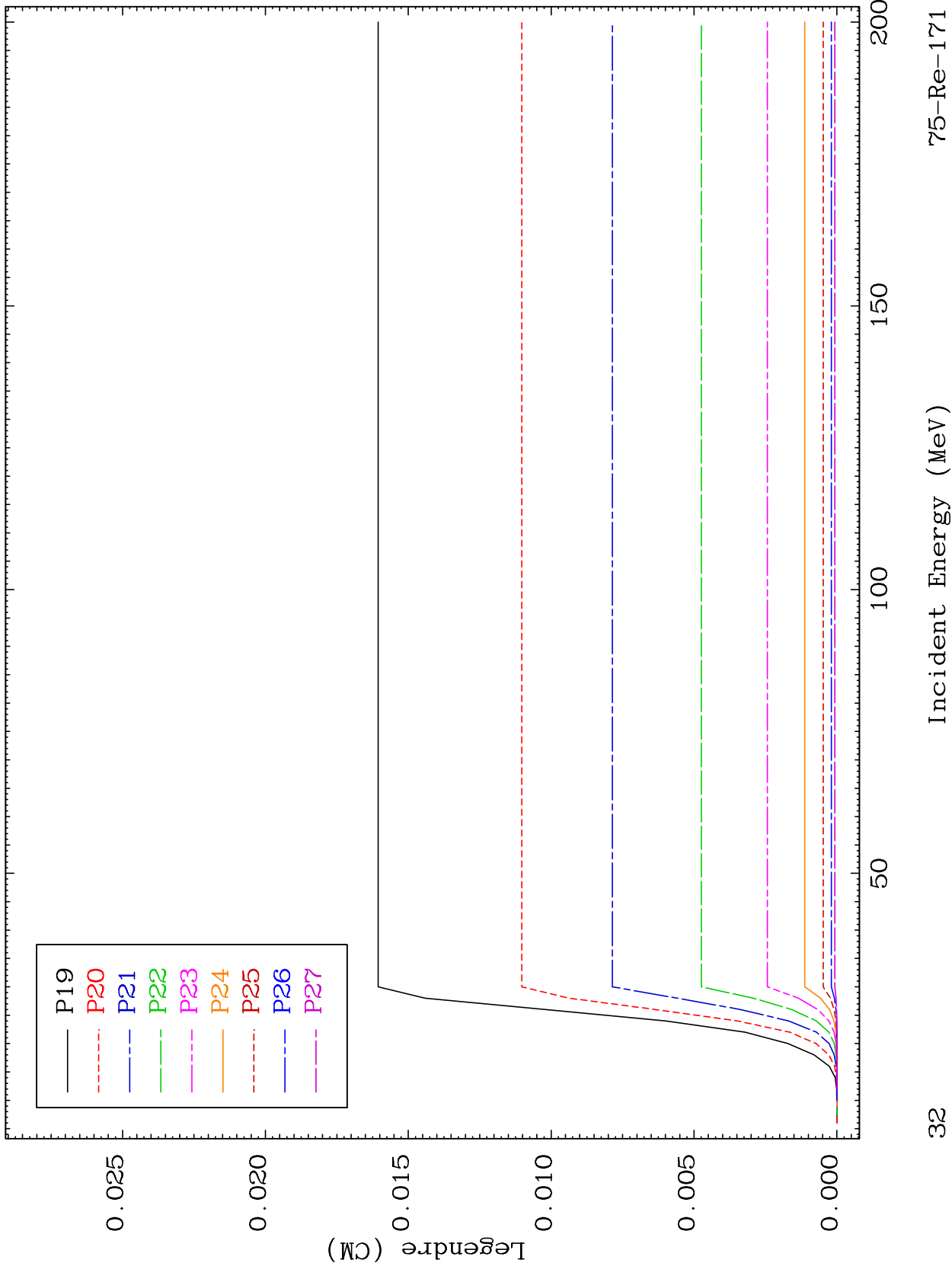
75-Re-171



31

Incident Energy (MeV)

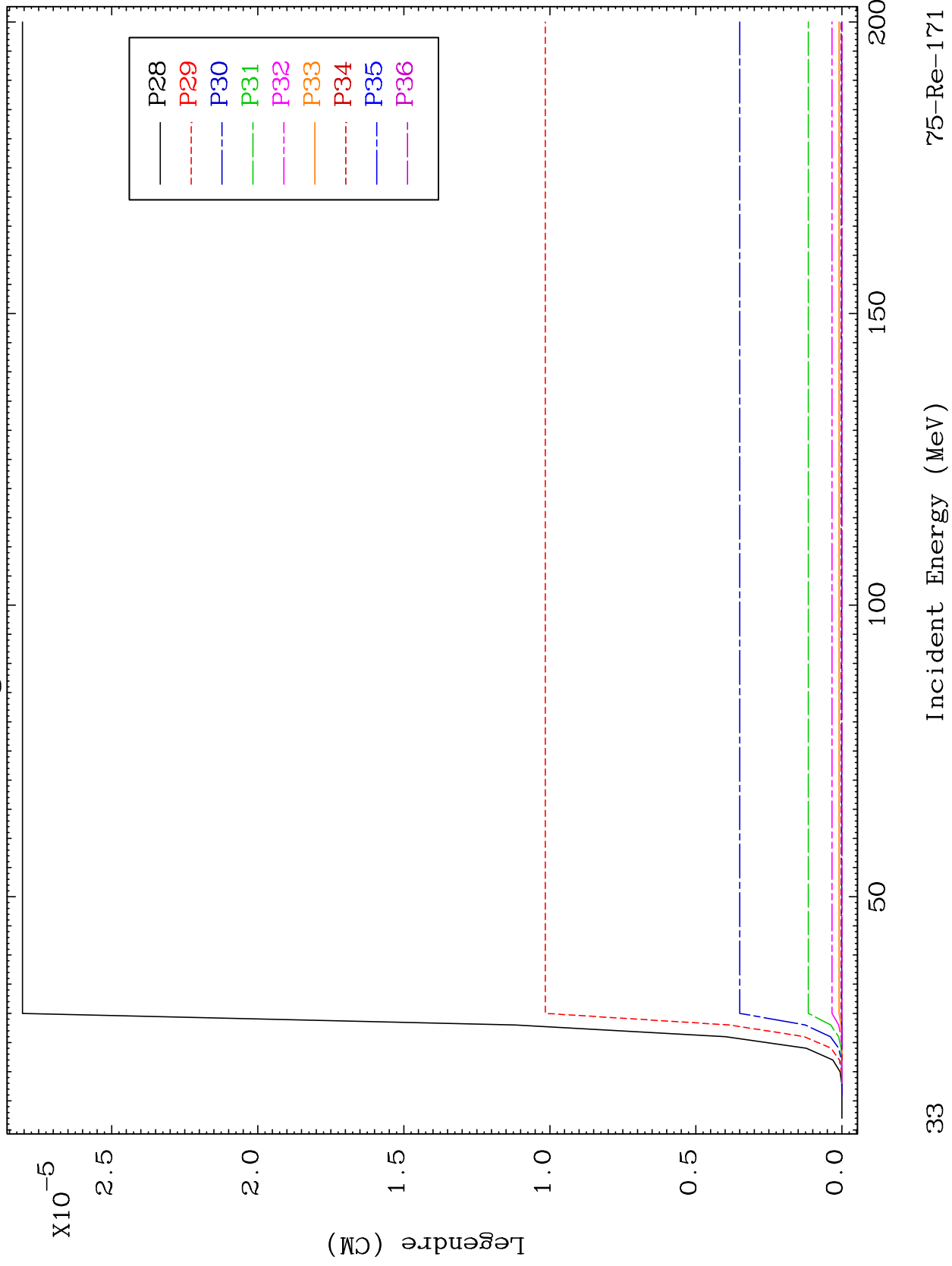
75-Re-171



MAT 7483

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

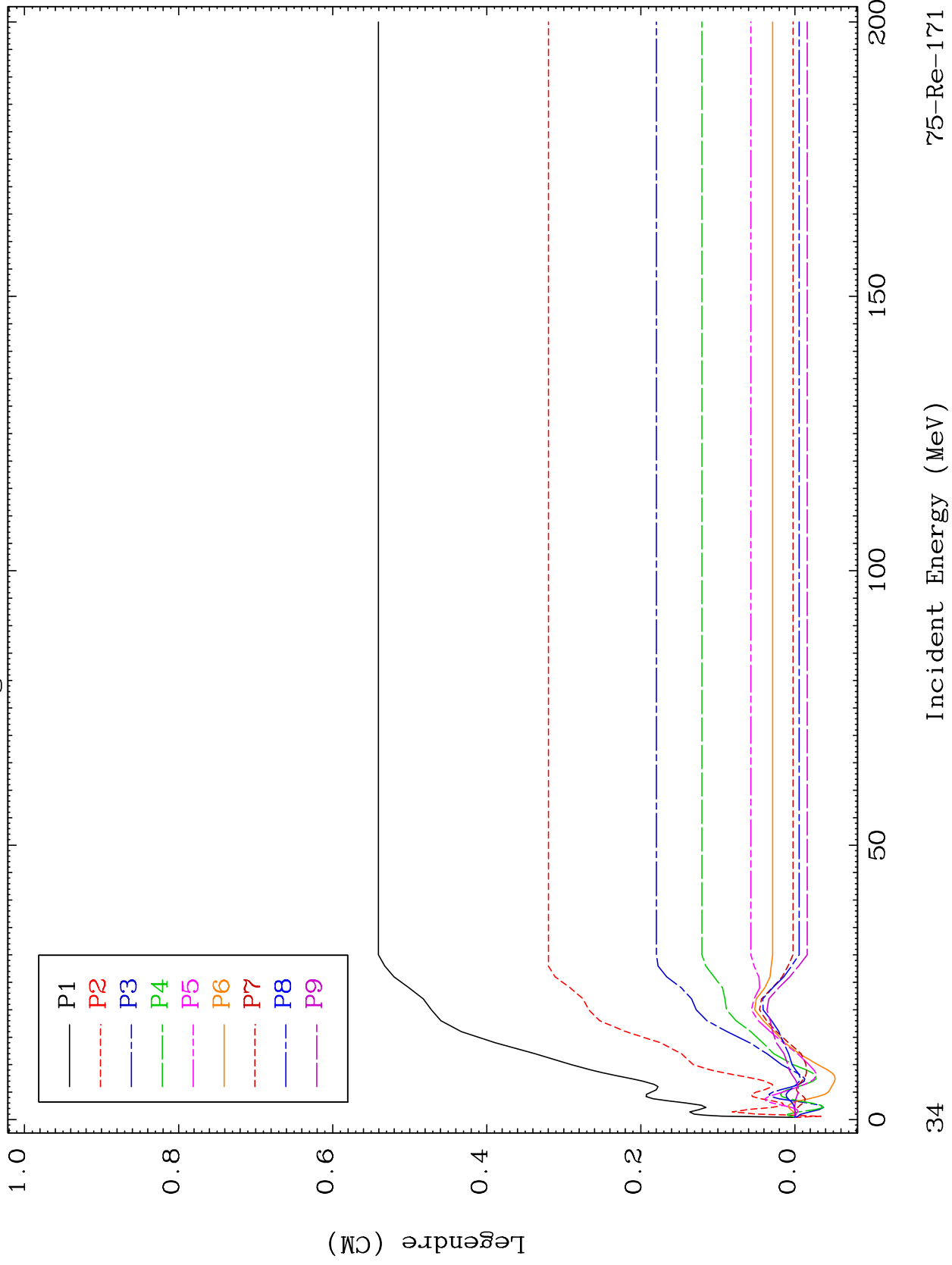
75-Re-171



MAT 7483

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

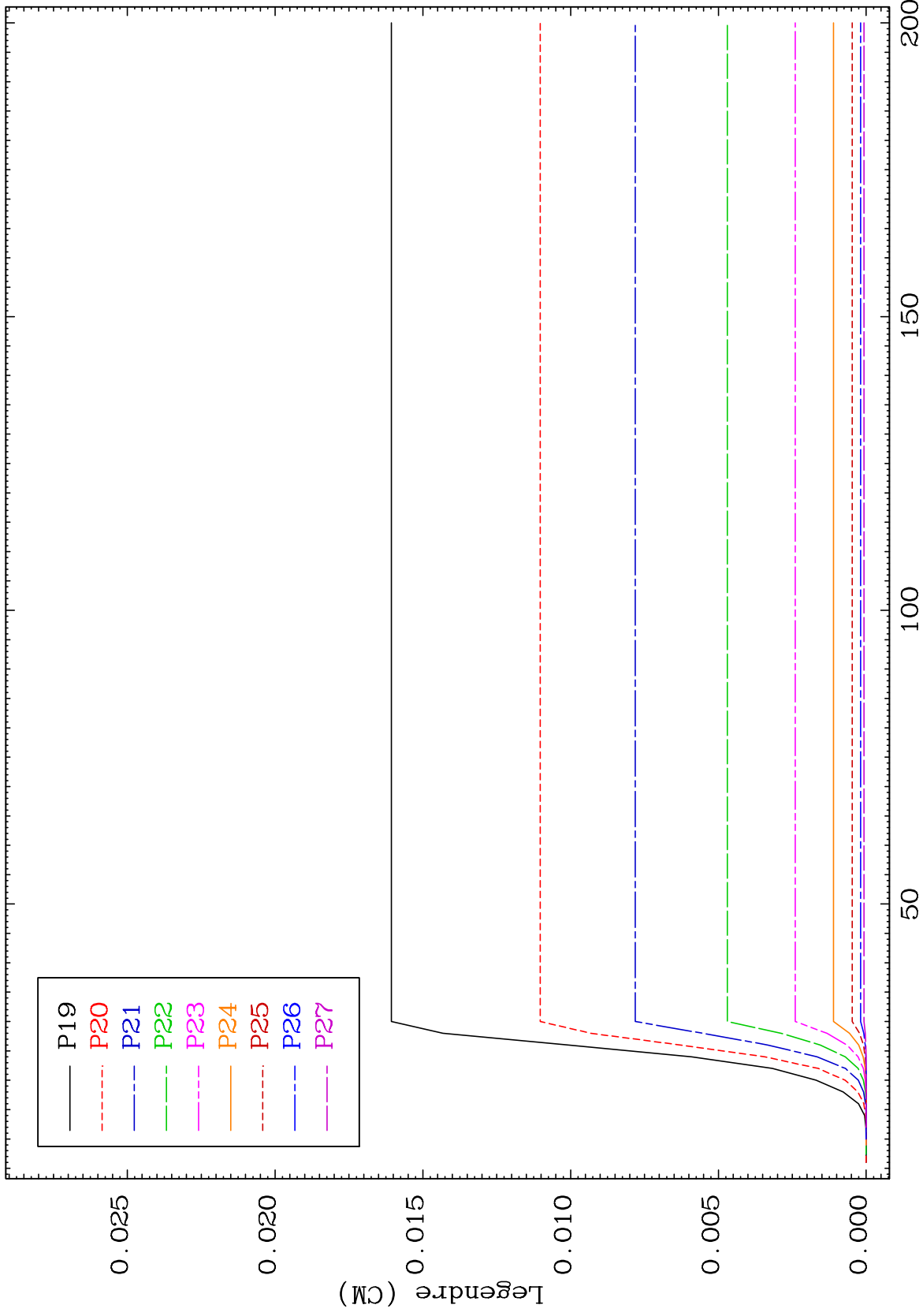
75-Re-171



34

Incident Energy (MeV)

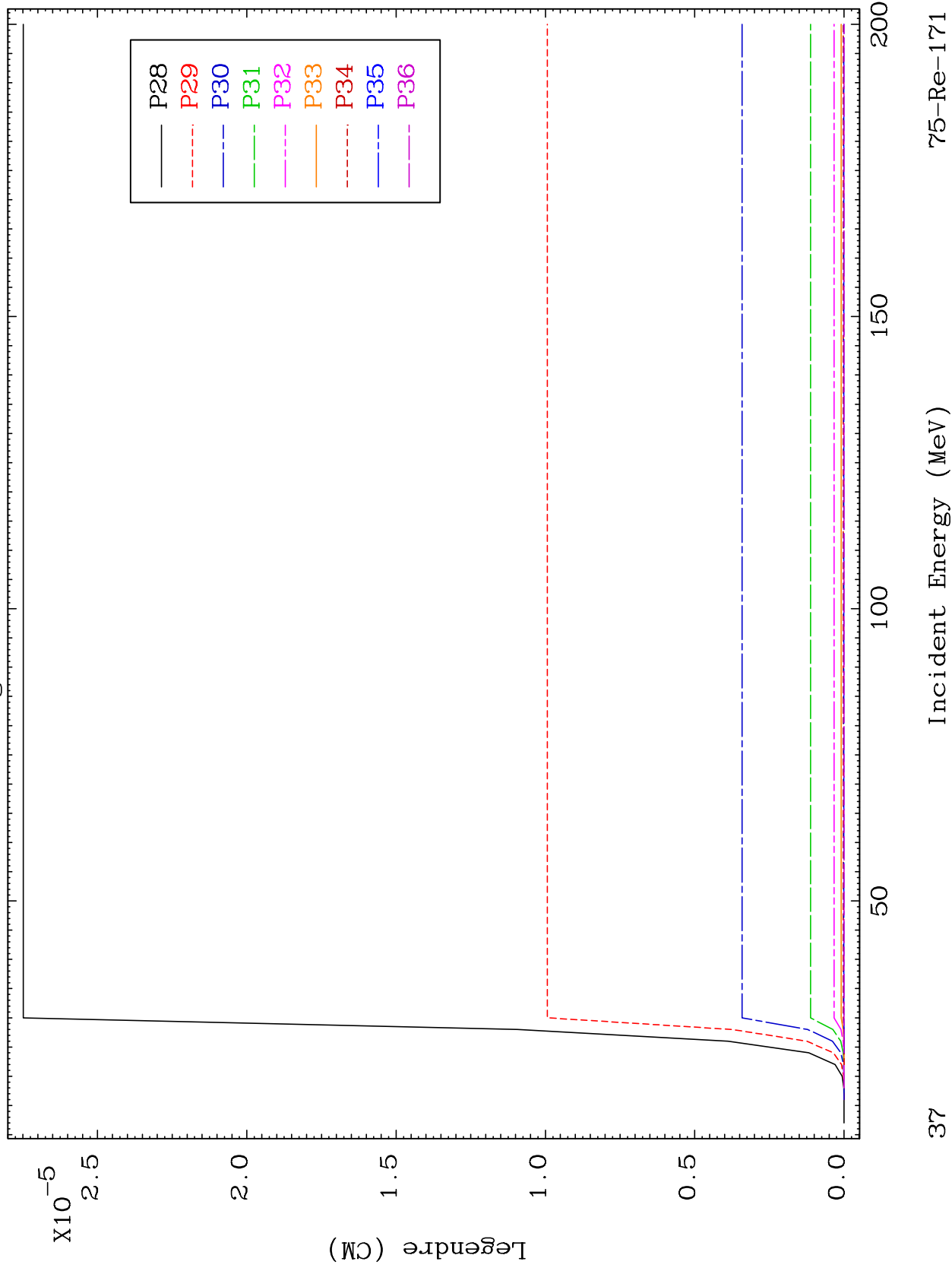
75-Re-171



MAT 7483

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

75-Re-171



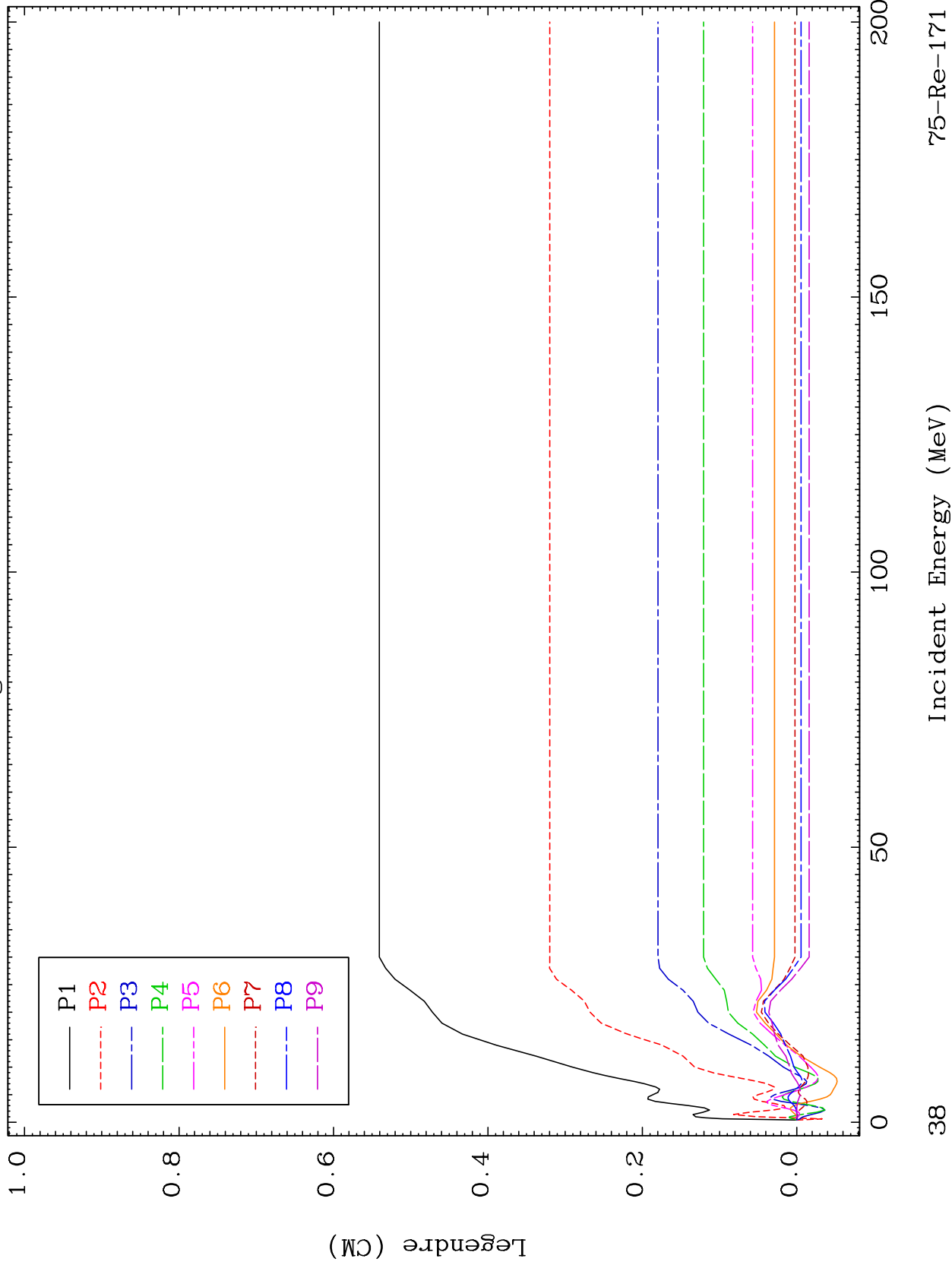
37

75-Re-171

MAT 7483

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

75-Re-171



38

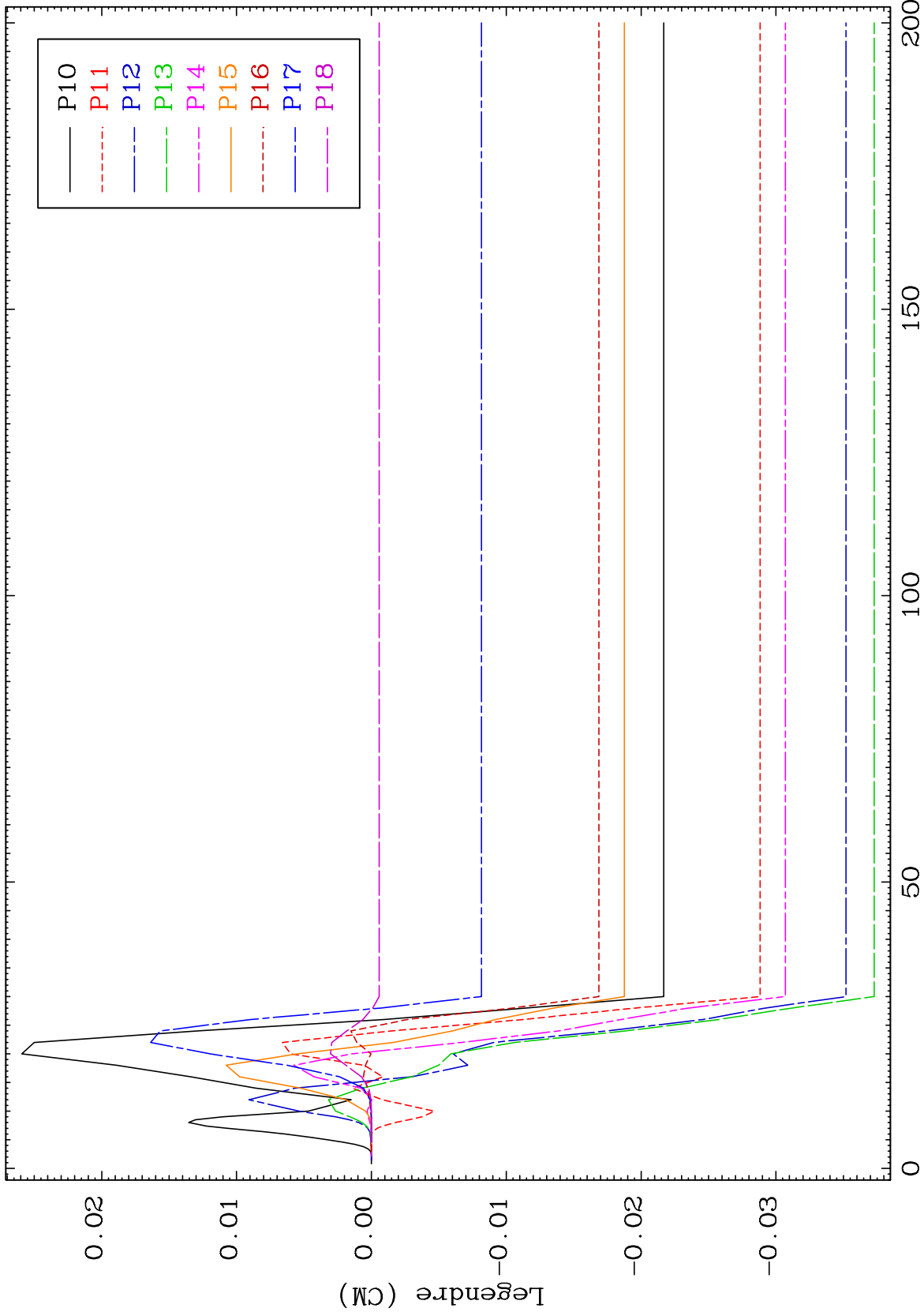
Incident Energy (MeV)

75-Re-171

MAT 7483

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

75-Re-171



39

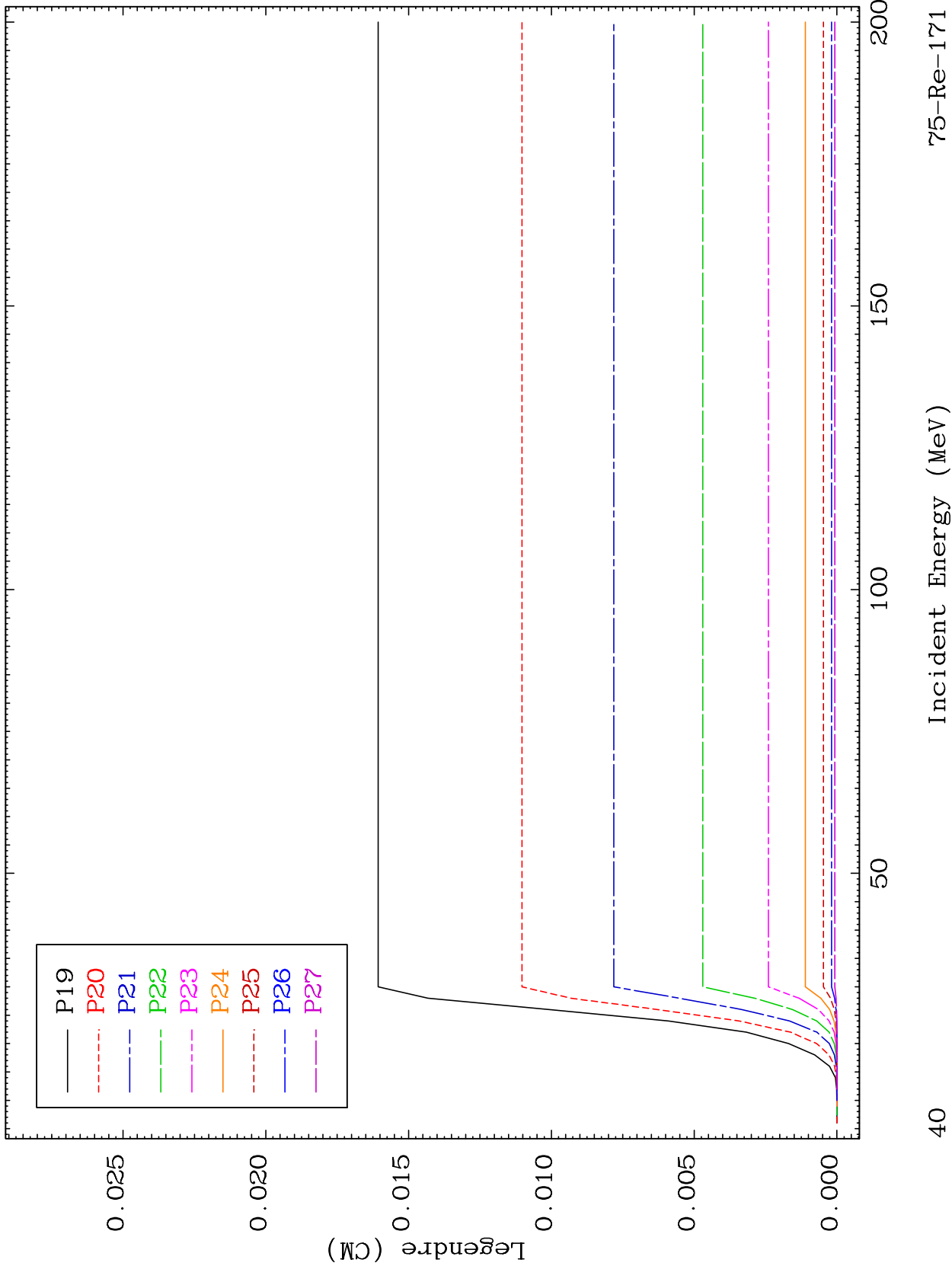
Incident Energy (MeV)

75-Re-171

MAT 7483

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

75-Re-171



40

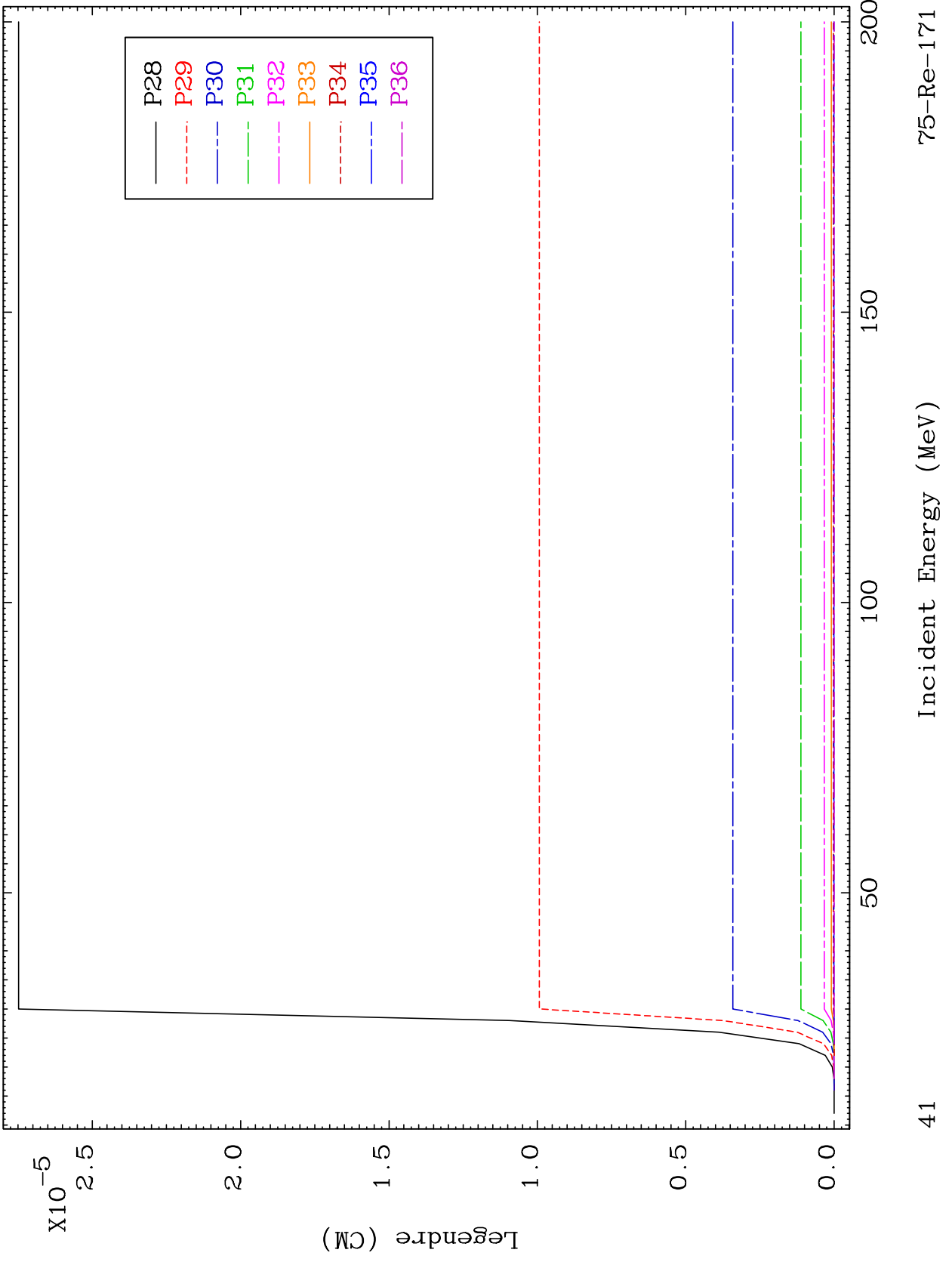
Incident Energy (MeV)

75-Re-171

MAT 7483

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

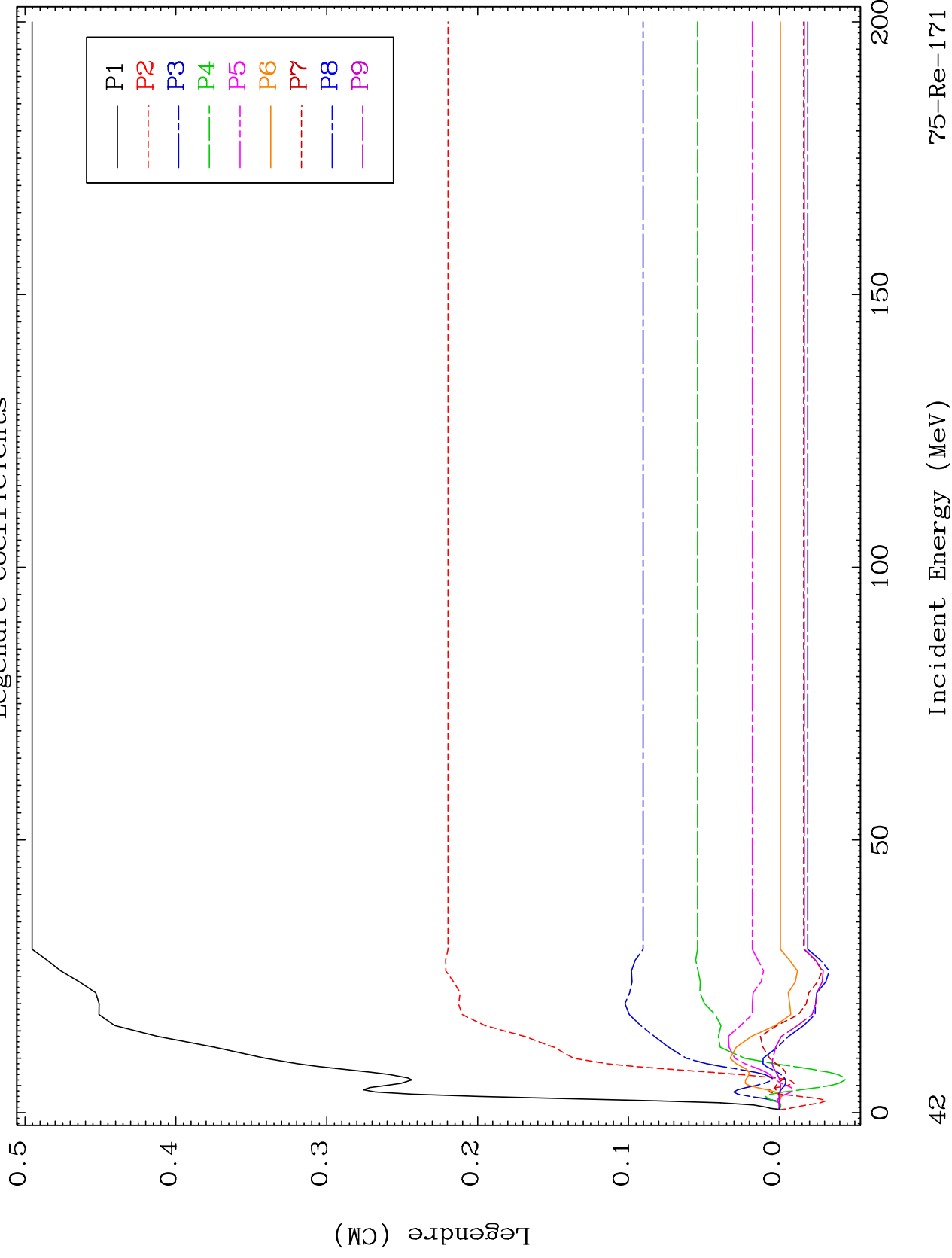
75-Re-171



MAT 7483

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

75-Re-171



42

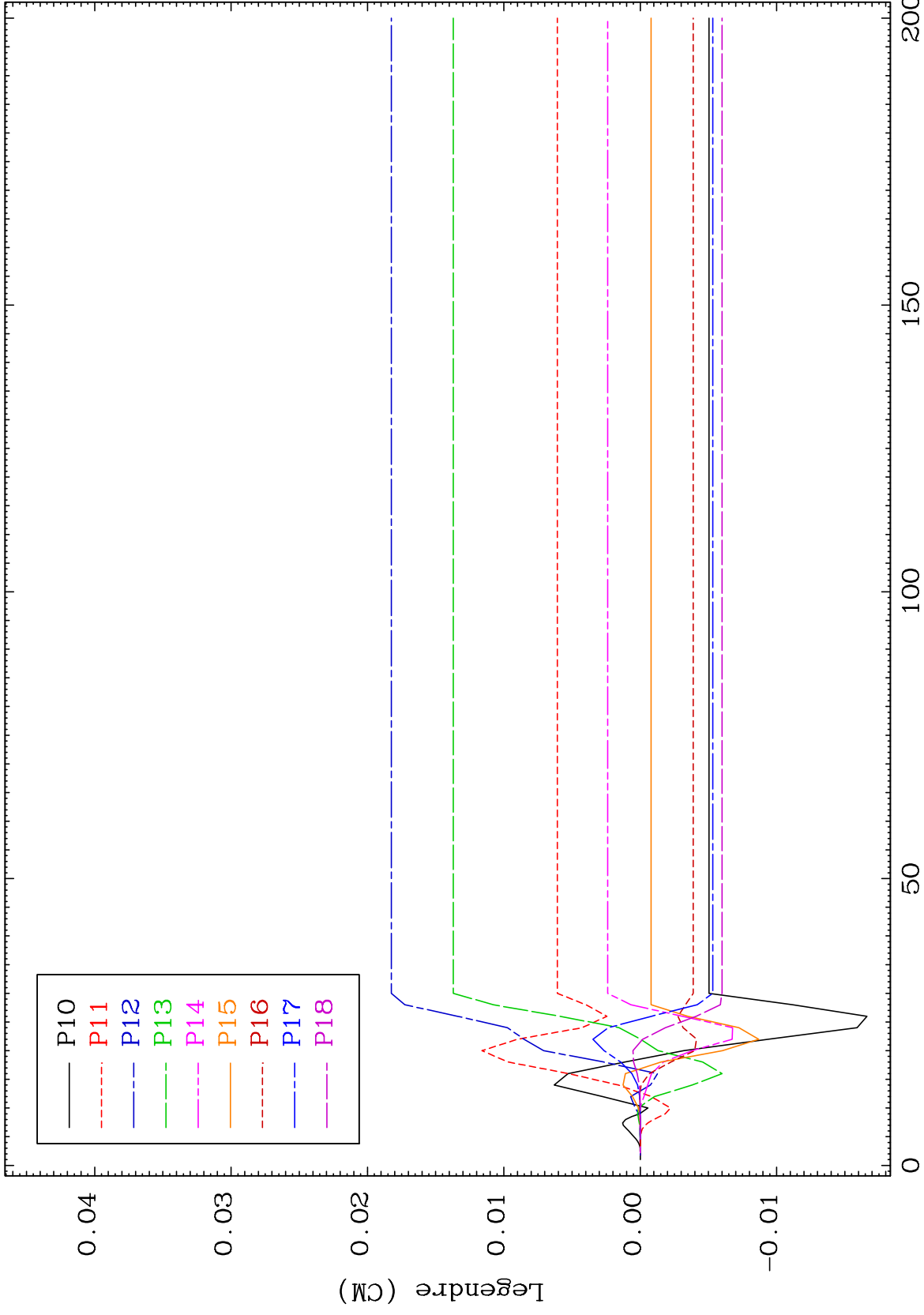
Incident Energy (MeV)

75-Re-171

MAT 7483

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

75-Re-171



43

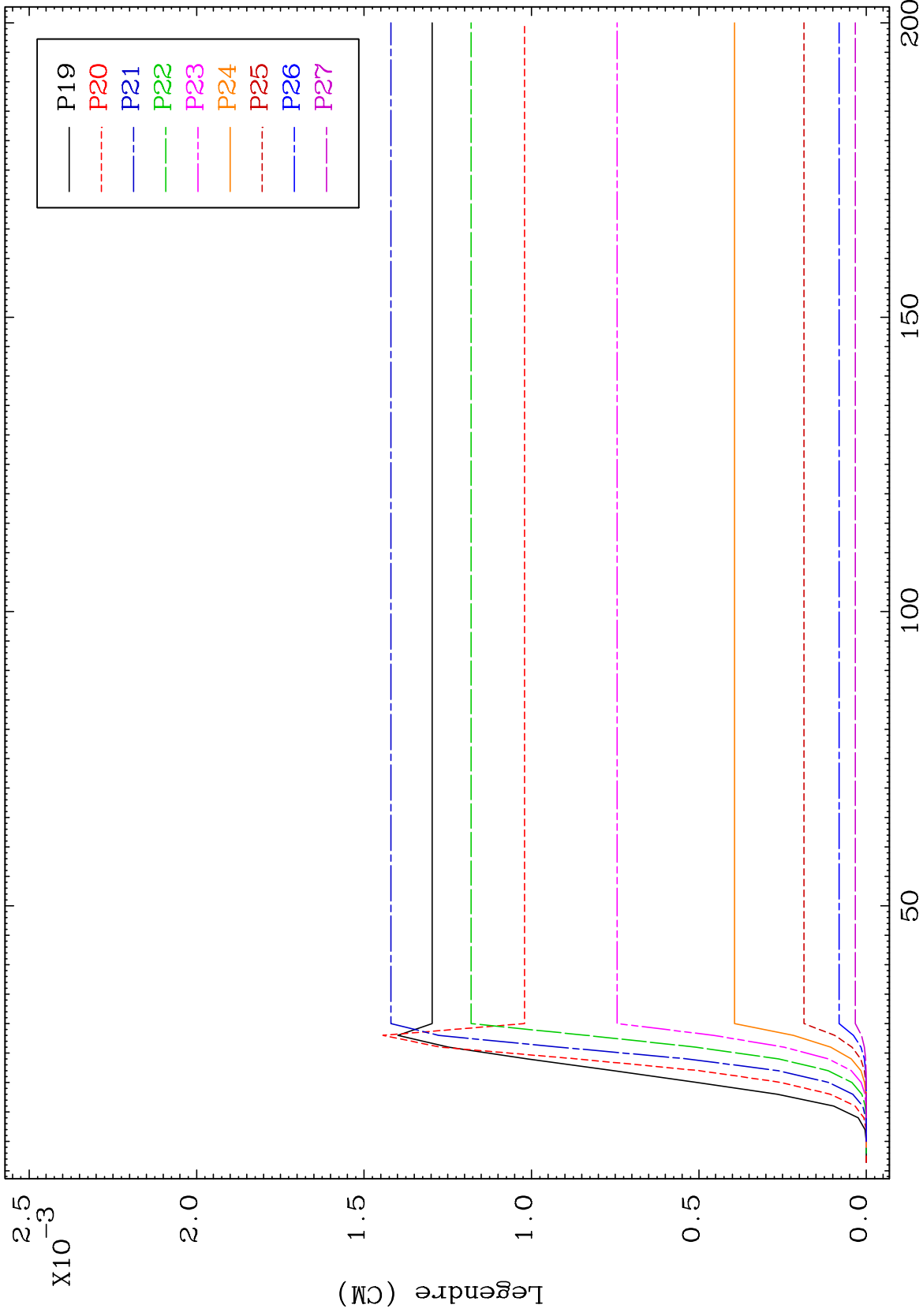
Incident Energy (MeV)

75-Re-171

MAT 7483

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

75-Re-171



44

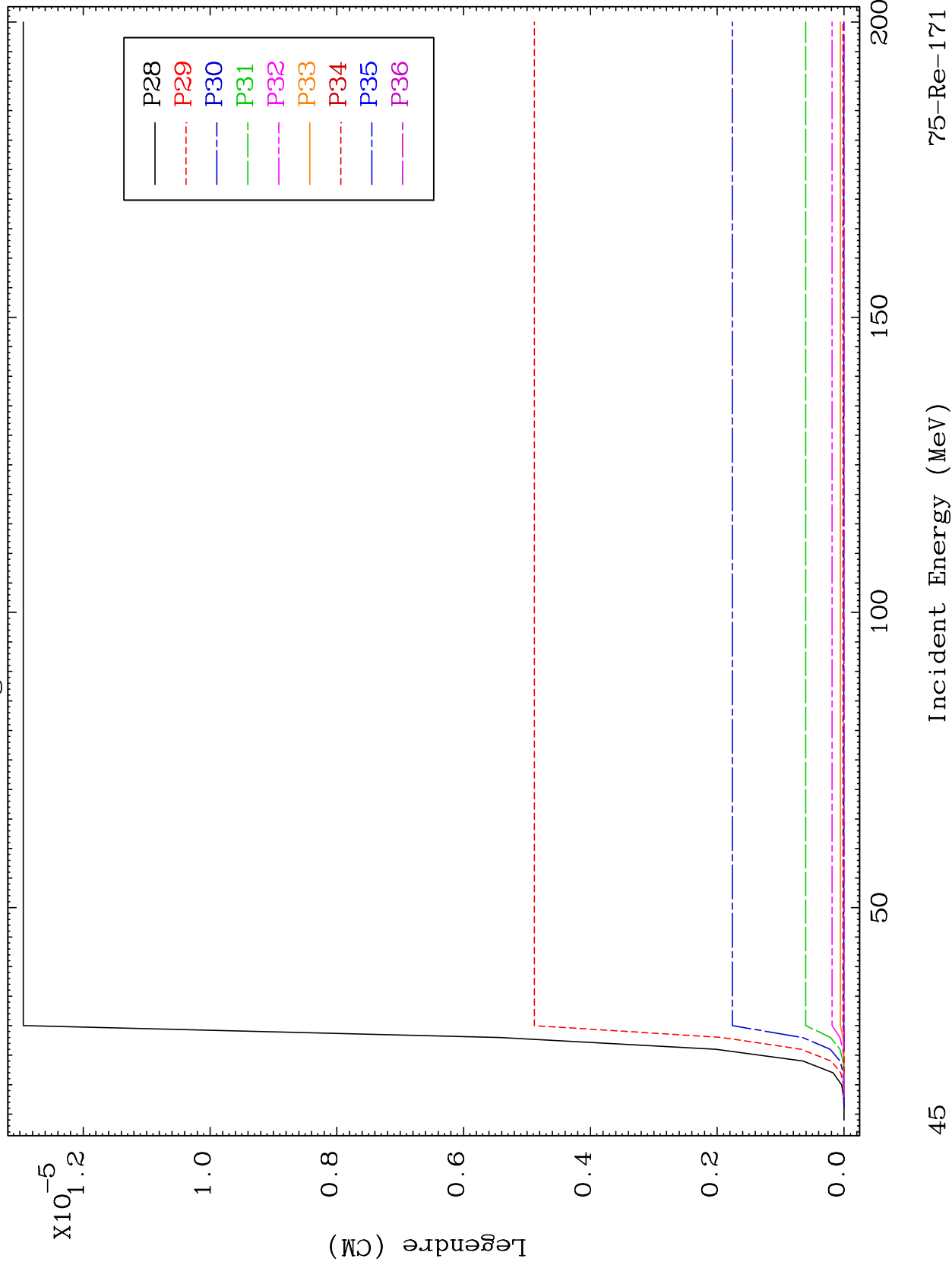
Incident Energy (MeV)

75-Re-171

MAT 7483

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

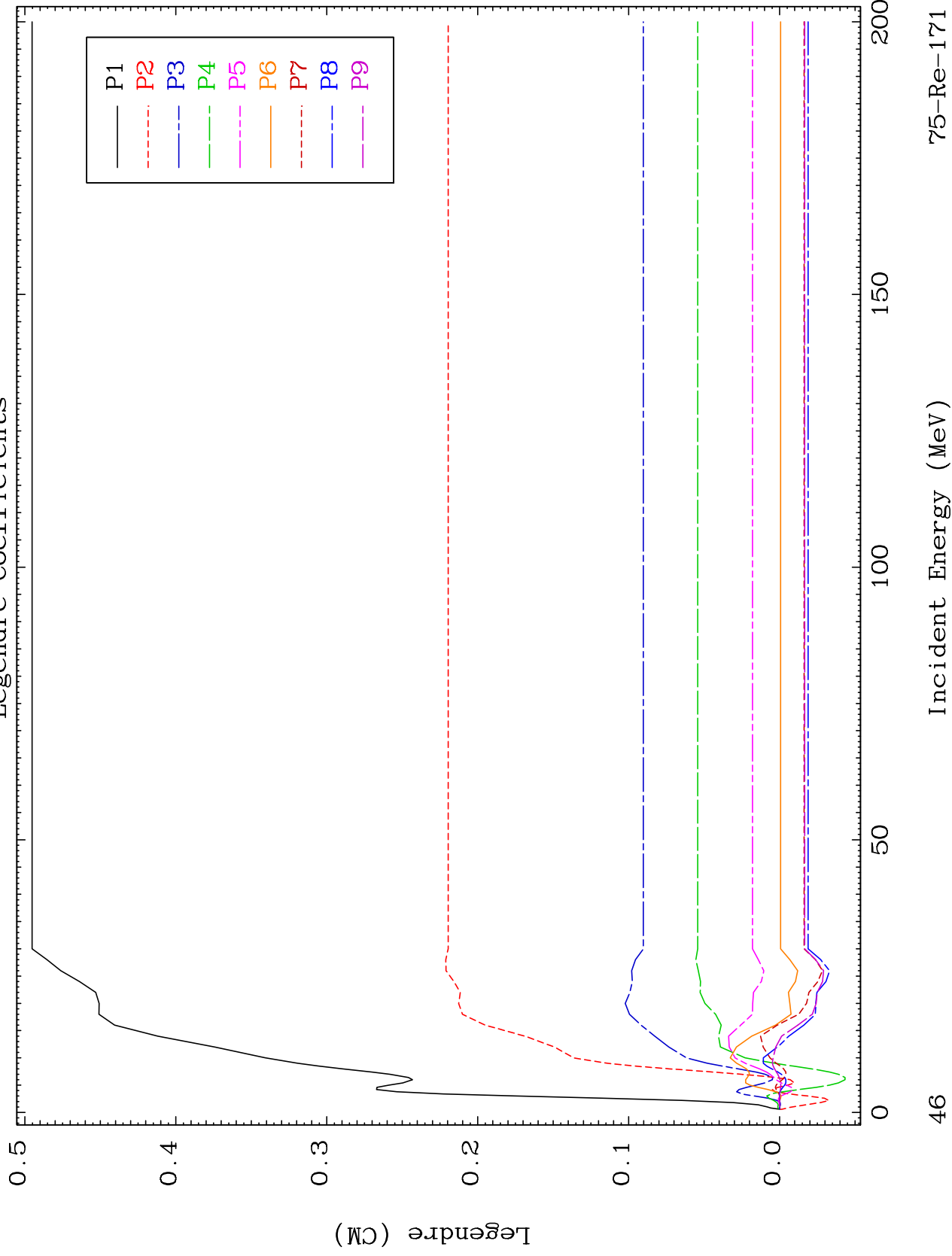
75-Re-171



MAT 7483

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

75-Re-171



46

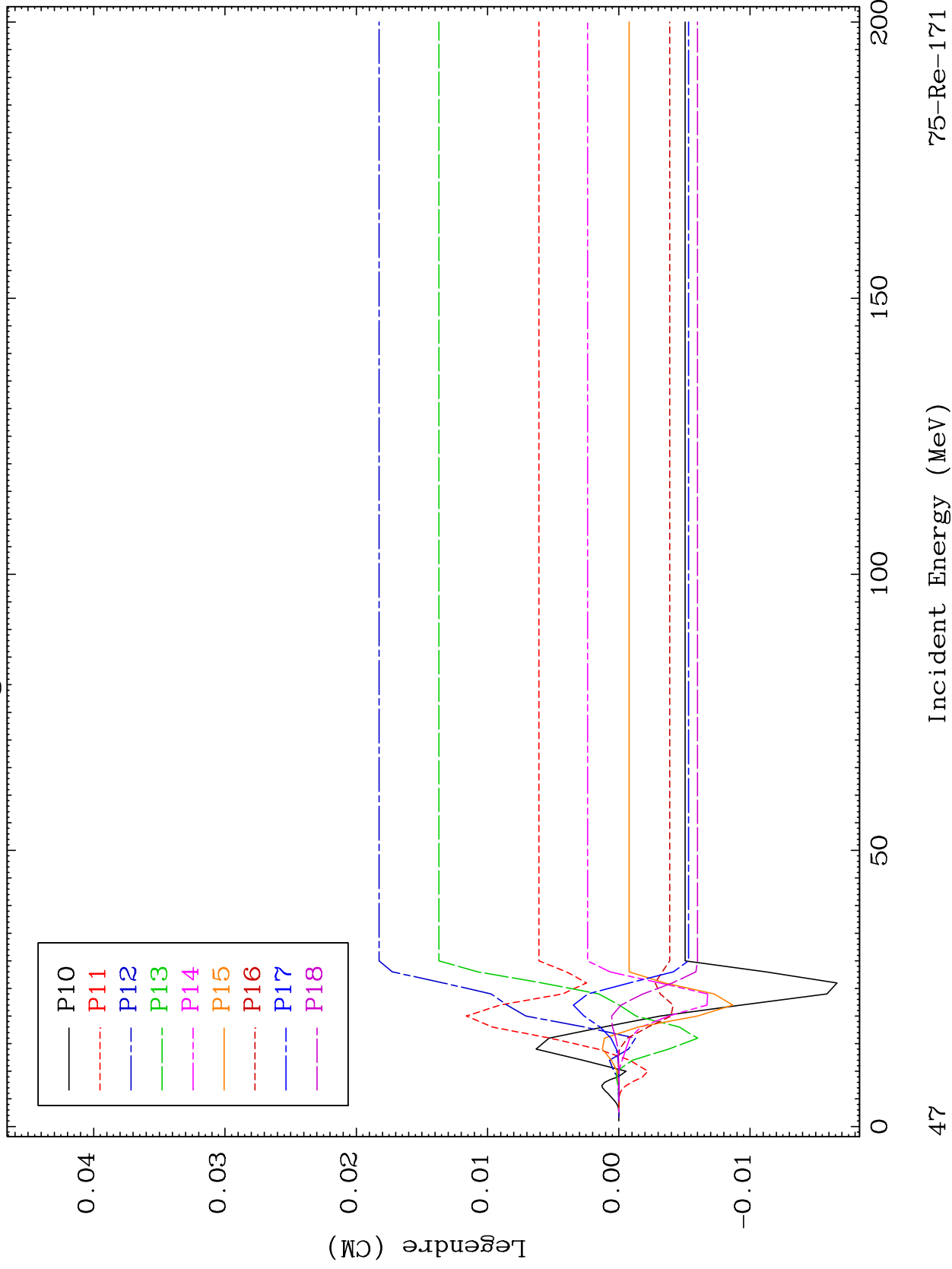
Incident Energy (MeV)

75-Re-171

MAT 7483

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

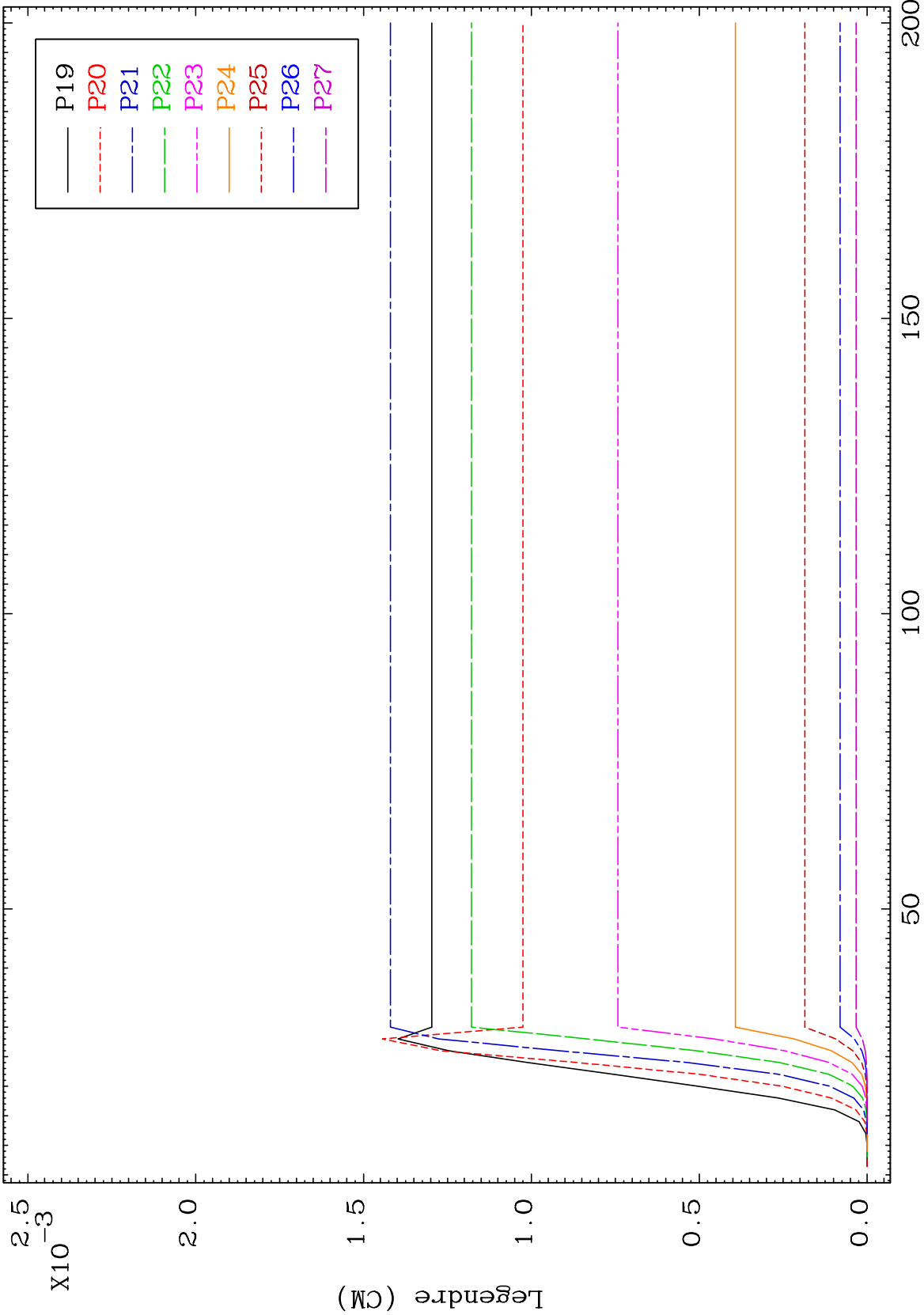
75-Re-171



MAT 7483

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

75-Re-171



48

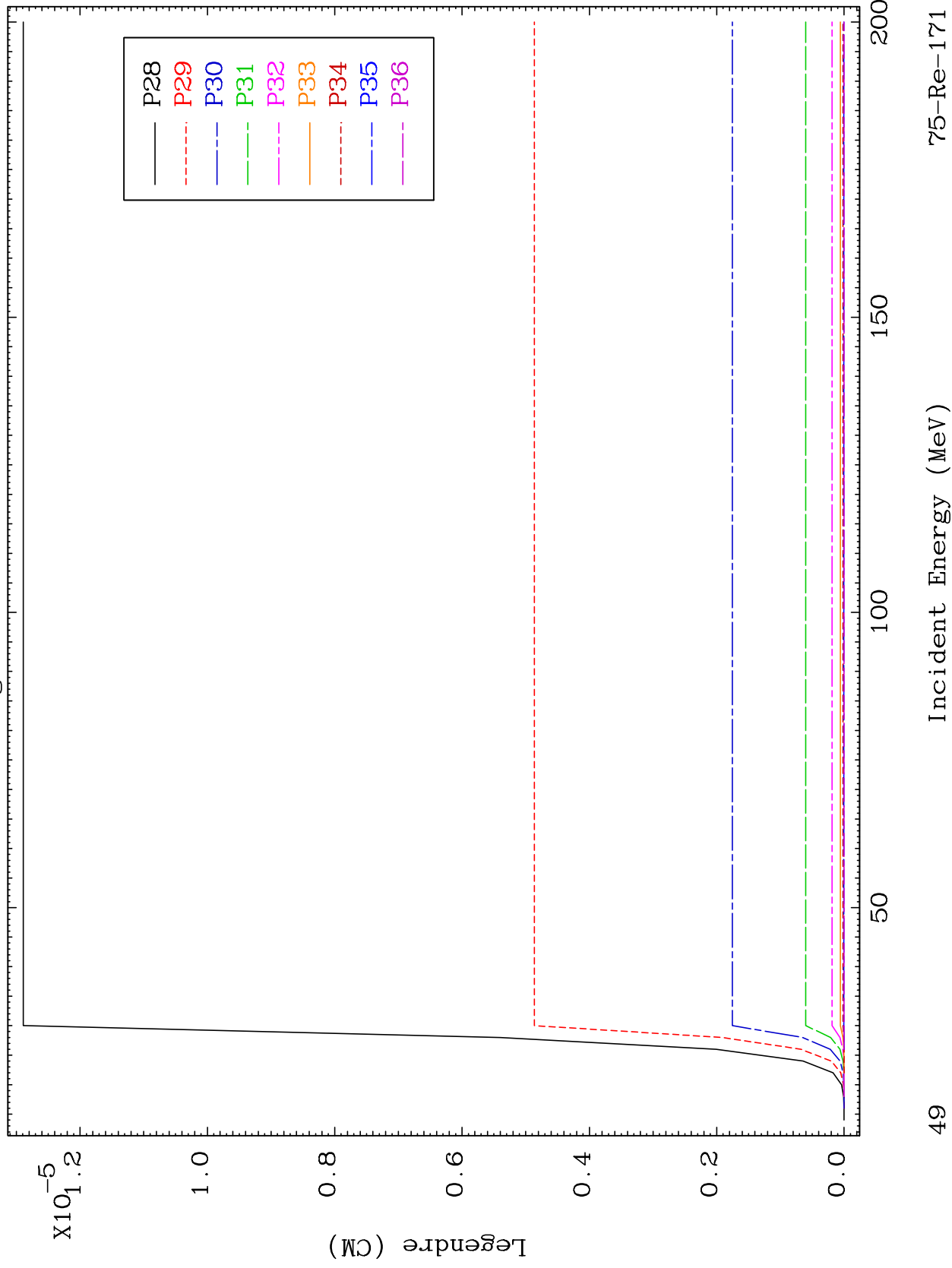
Incident Energy (MeV)

75-Re-171

MAT 7483

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

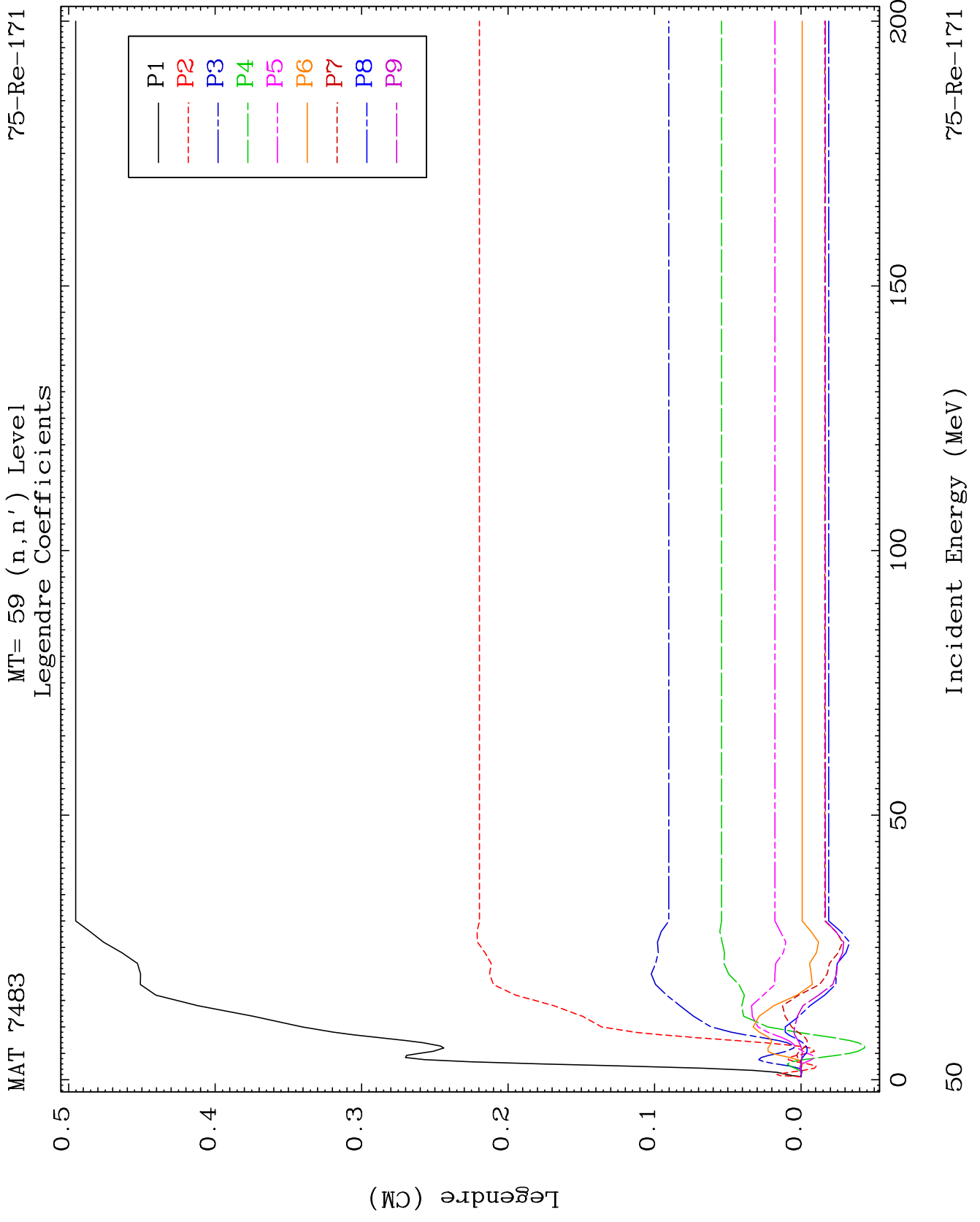
75-Re-171



49

Incident Energy (MeV)

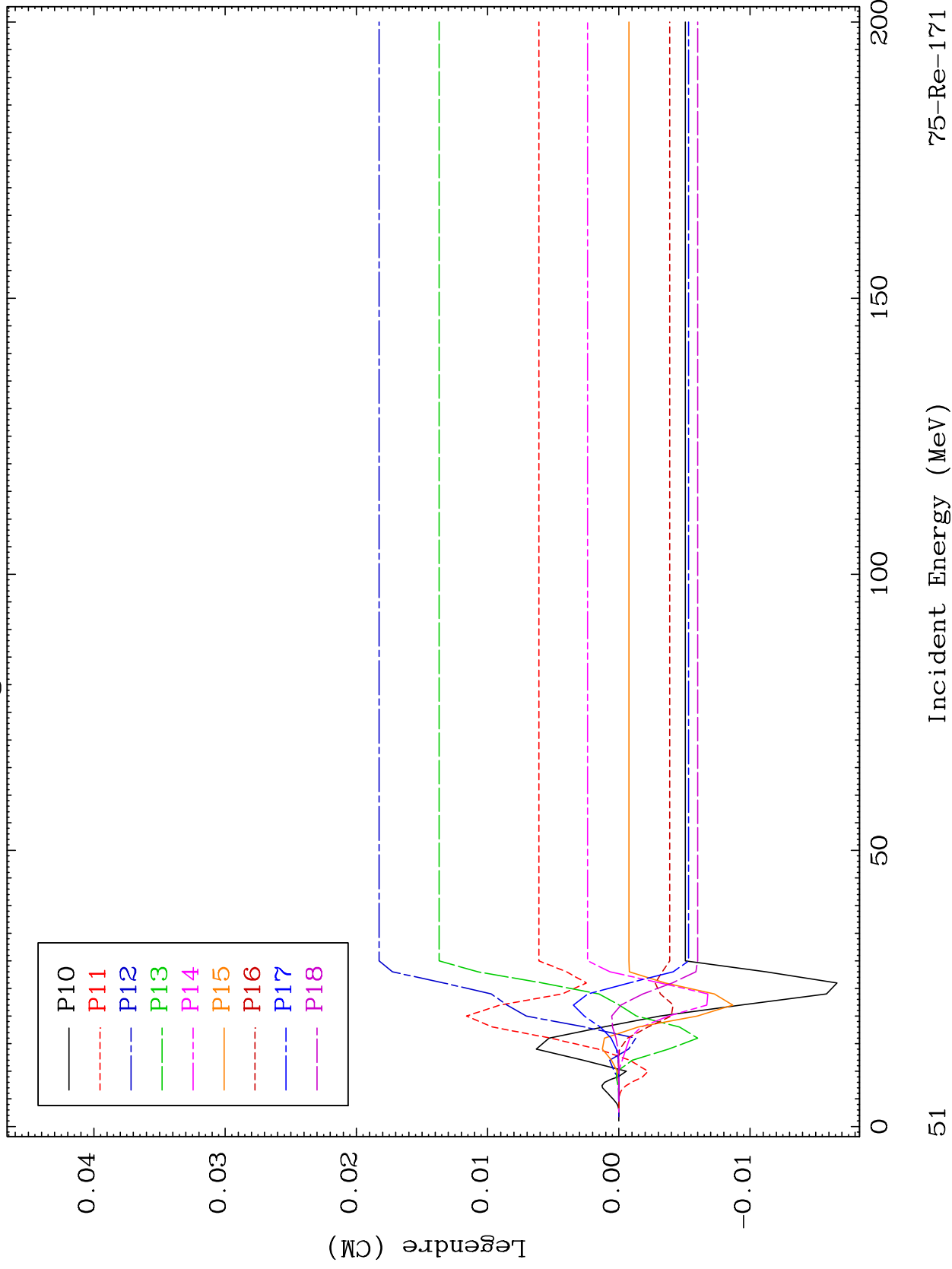
75-Re-171



MAT 7483

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

75-Re-171



51

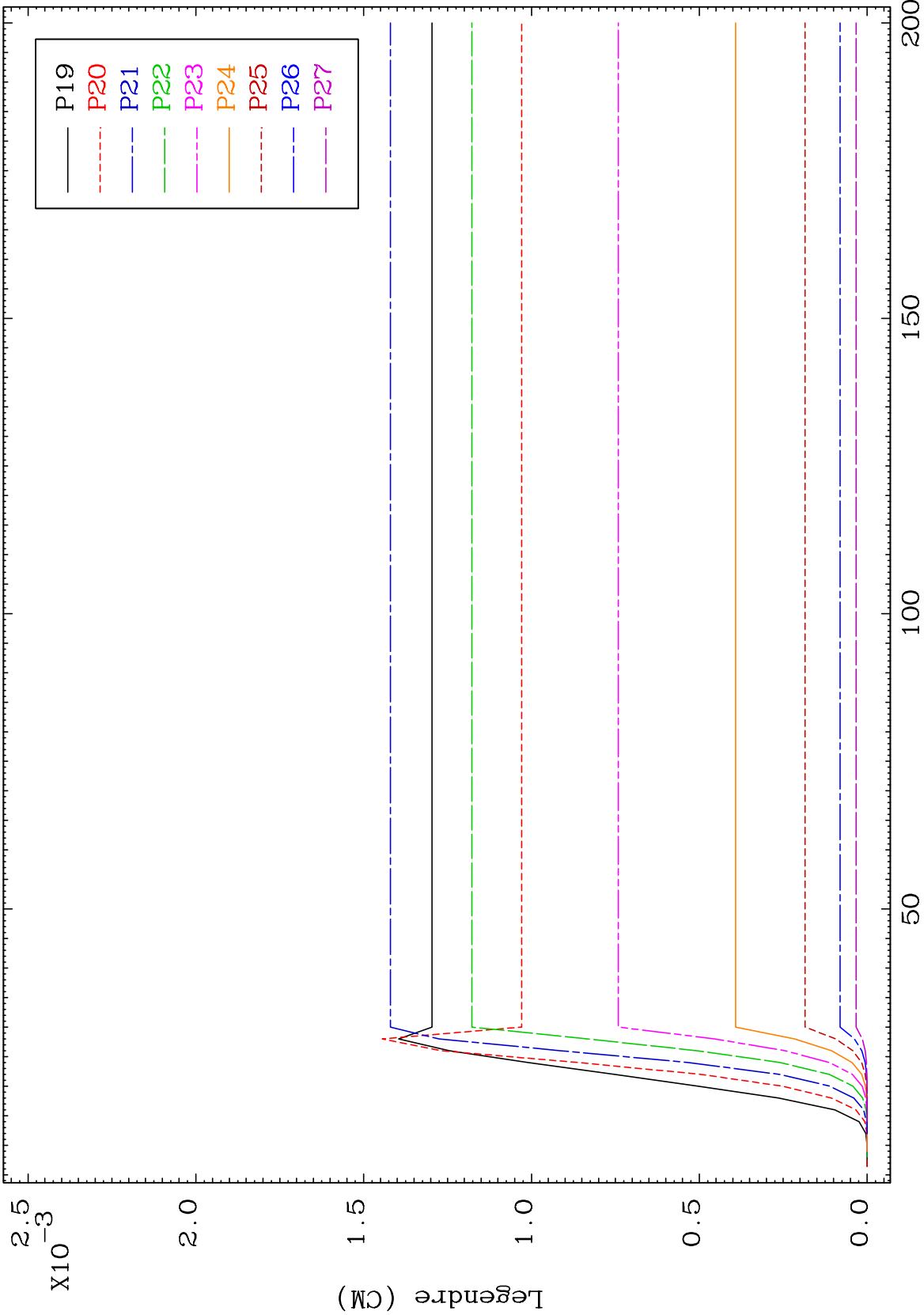
Incident Energy (MeV)

75-Re-171

MAT 7483

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

75-Re-171



52

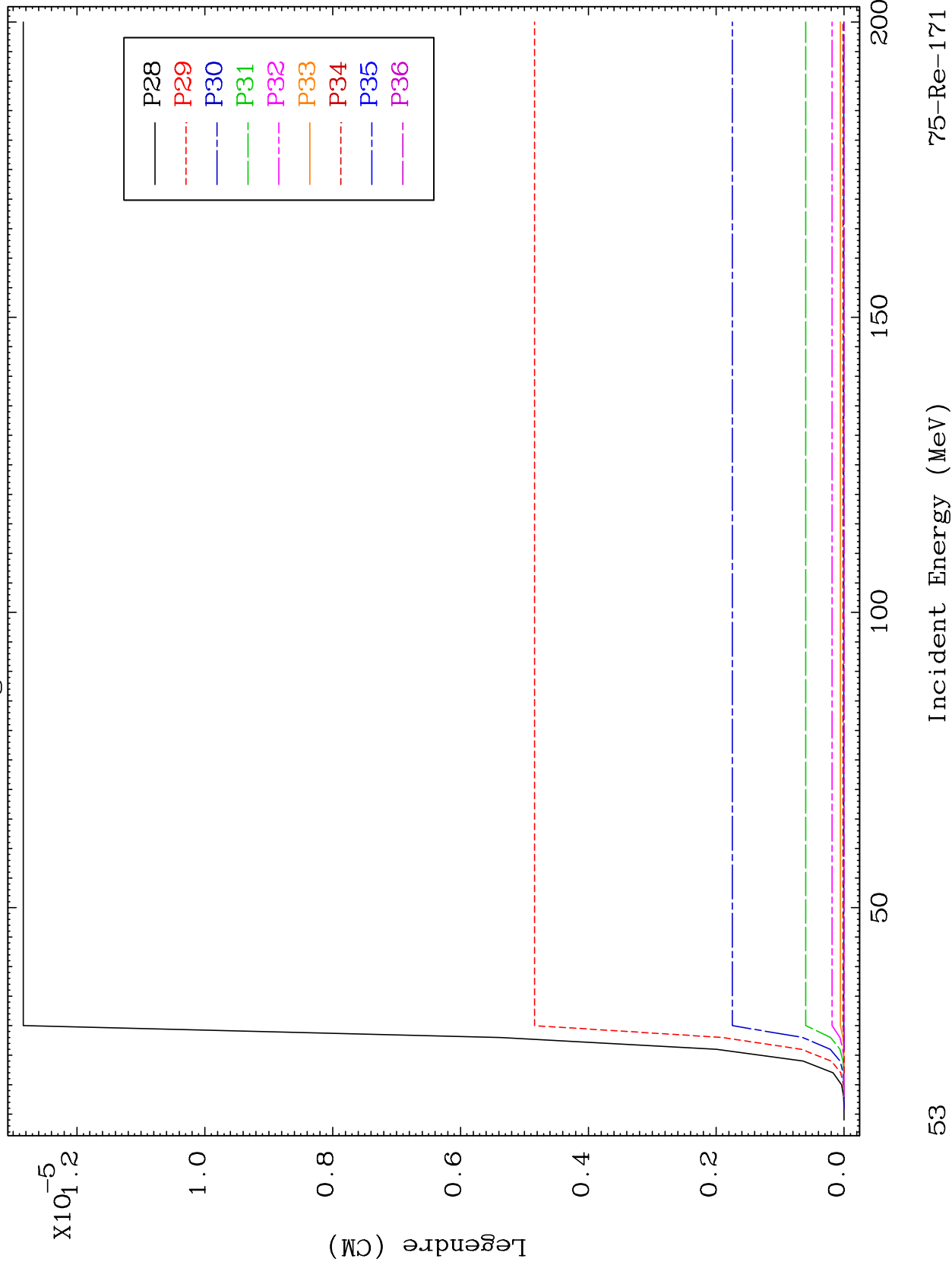
Incident Energy (MeV)

75-Re-171

MAT 7483

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

75-Re-171



53

Incident Energy (MeV)

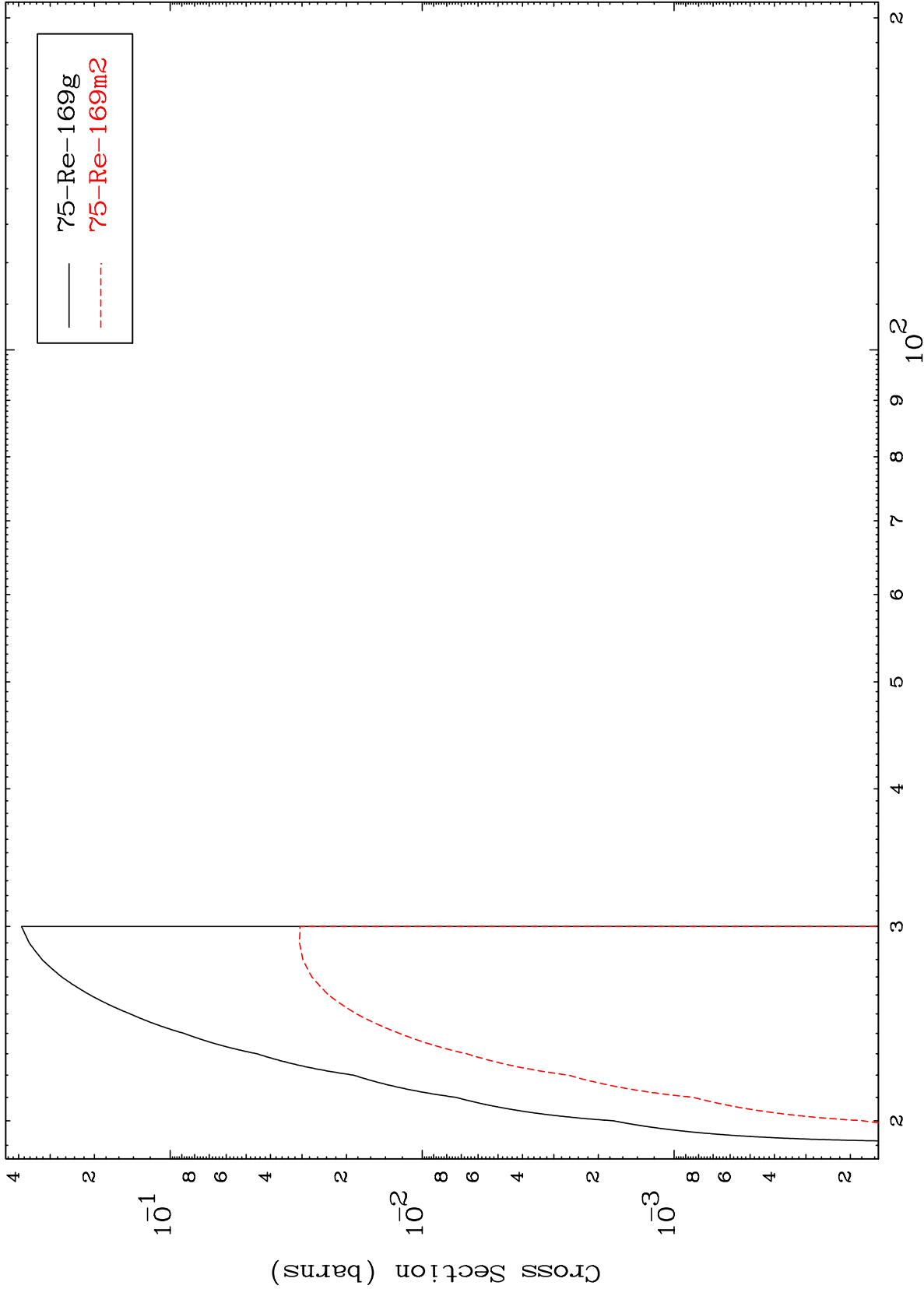
75-Re-171

MAT 7483

(n,3n)

75-Re-171

Radionuclide Production Cross Section



54

Incident Energy (MeV)

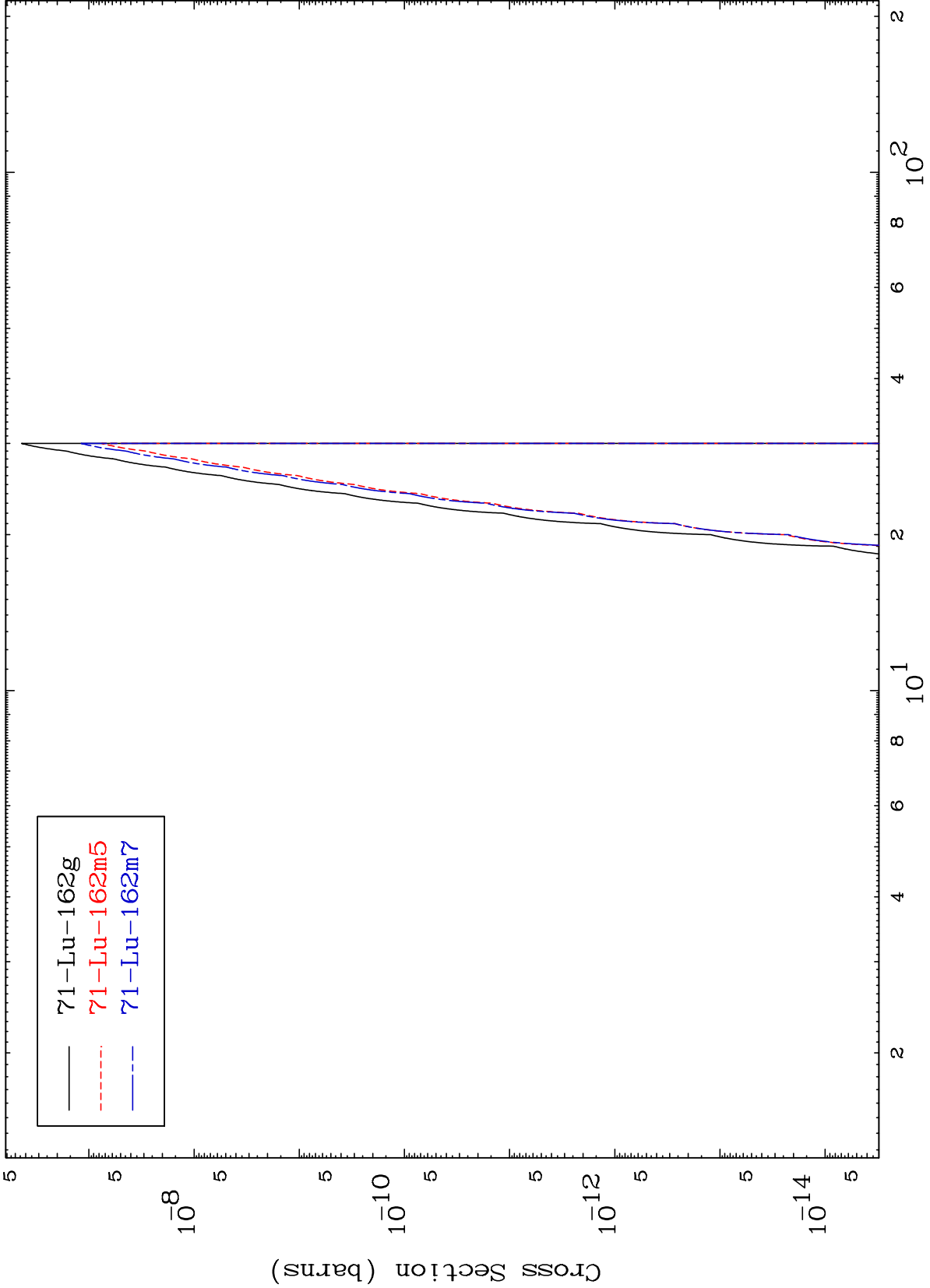
75-Re-171

MAT 7483

^{75}Re

^{171}Lu

Radionuclide Production Cross Section

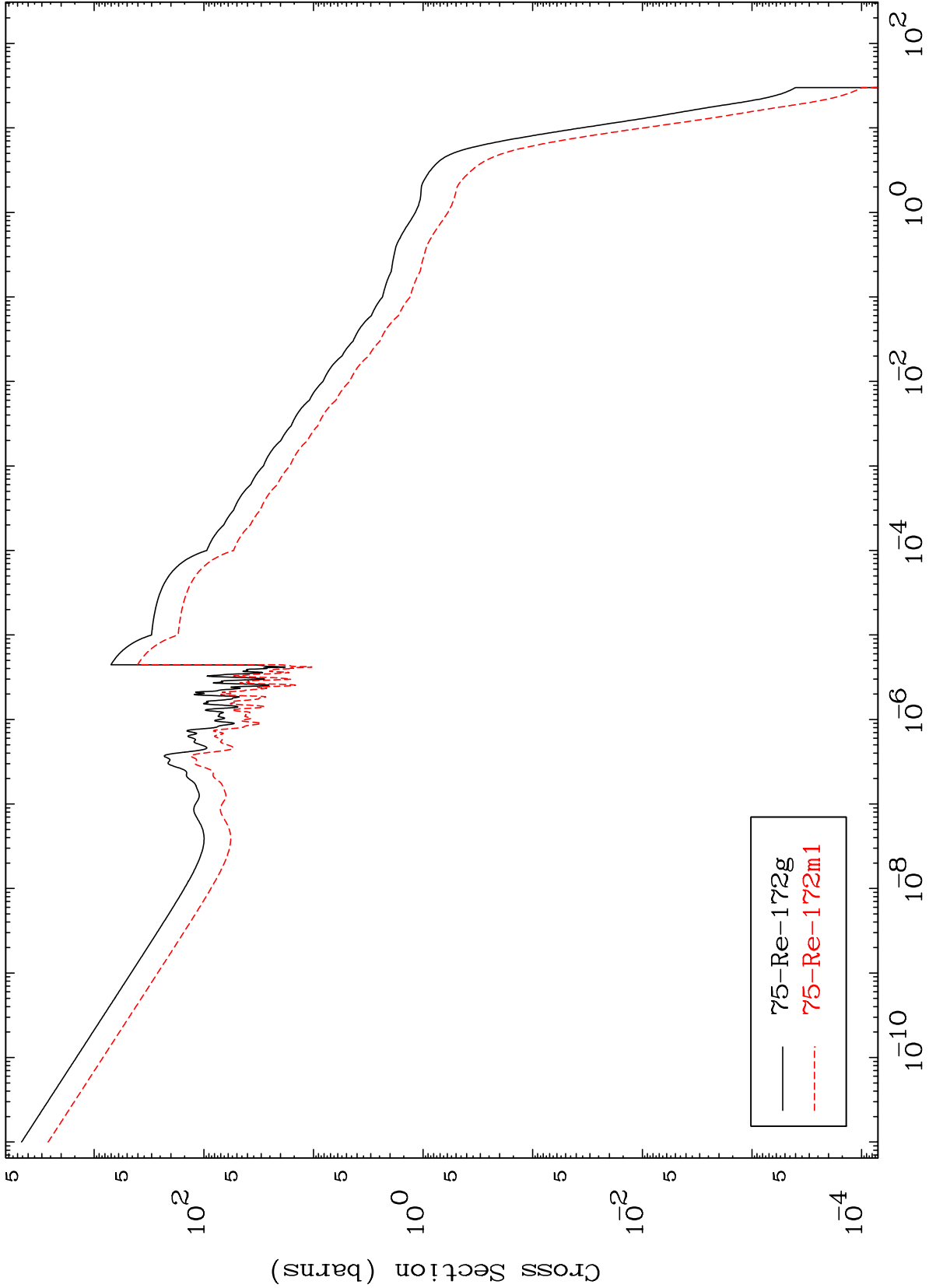


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⁷⁵Re-171

Radionuclide Production Cross Section

(n,γ)



⁷⁵Re-171

Incident Energy (MeV)

56

MAT 7483

(n,3α)

75-Re-171

Radionuclide Production Cross Section

