

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

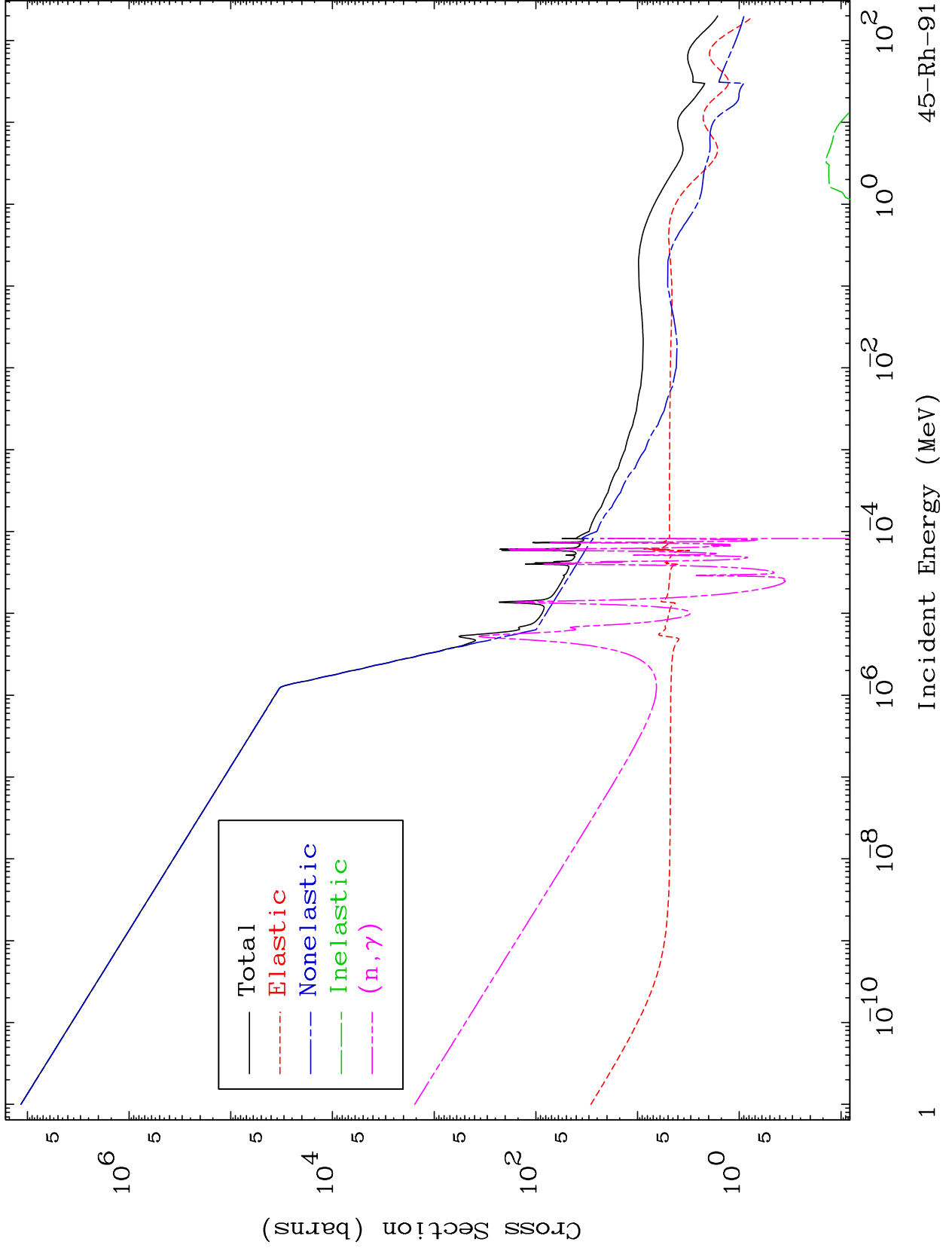
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4489

Neutron Major
293 Kelvin Cross Sections

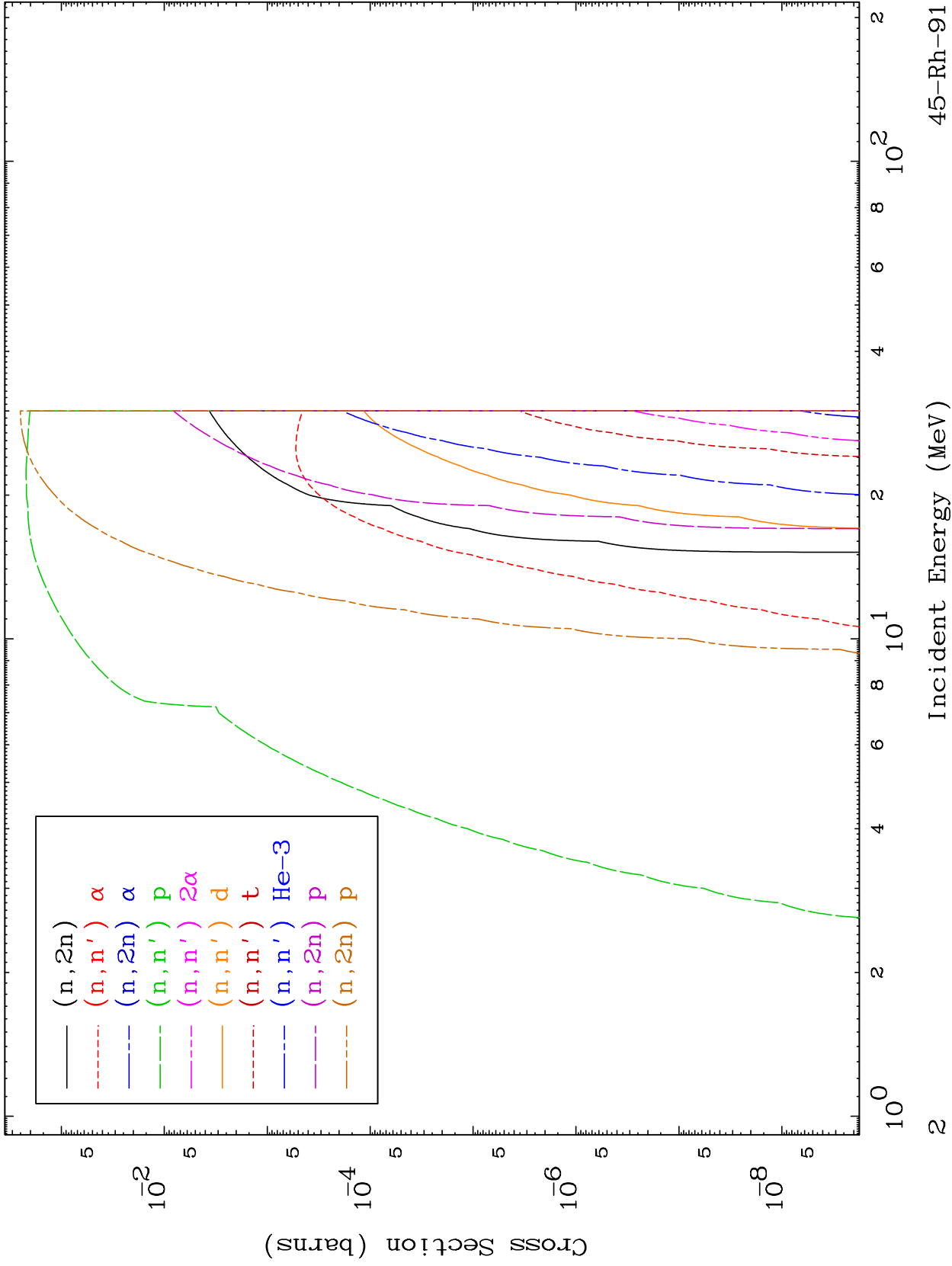
45-Rh-91



MAT 4489

Neutron Absorption
293 Kelvin Cross Sections

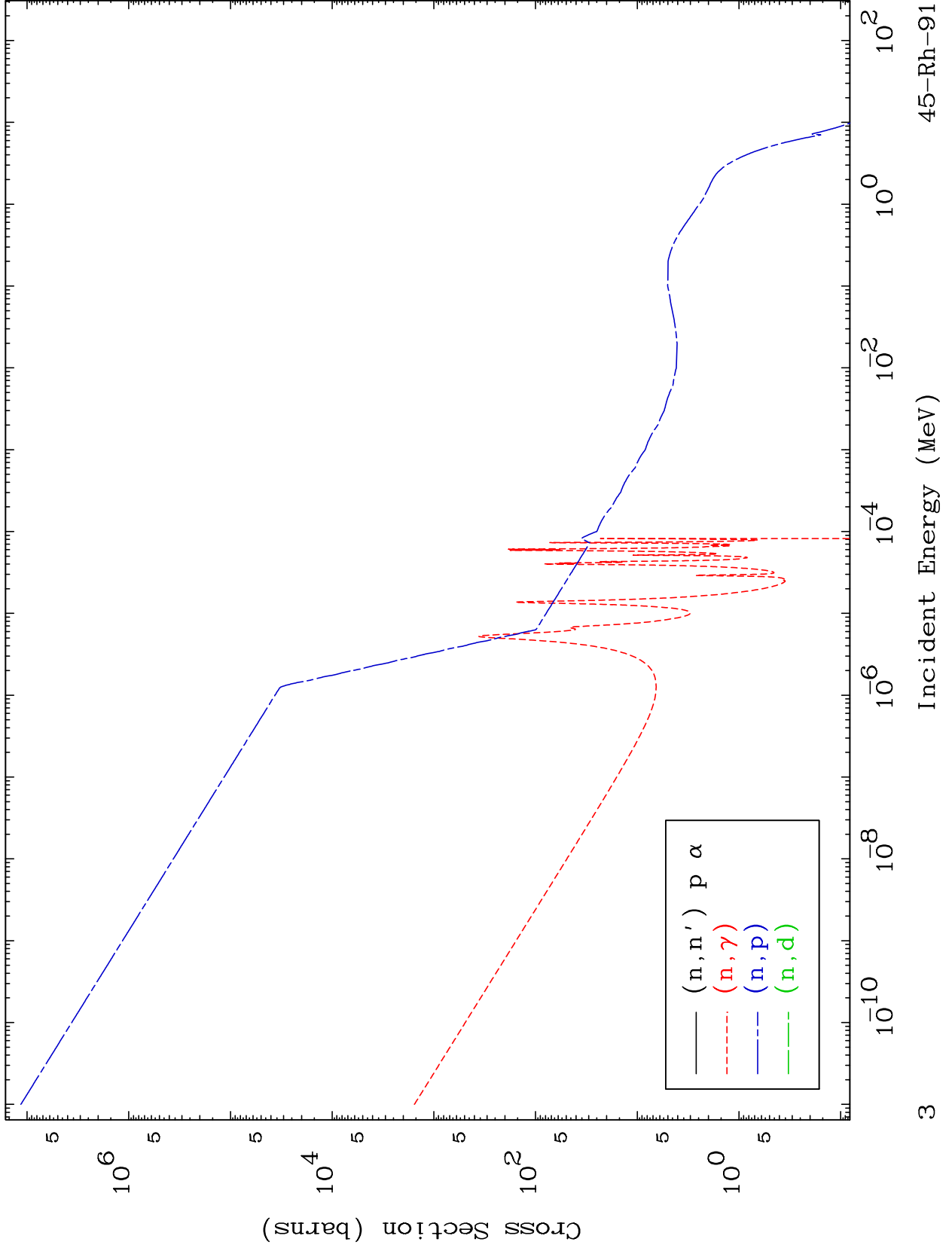
45-Rh-91

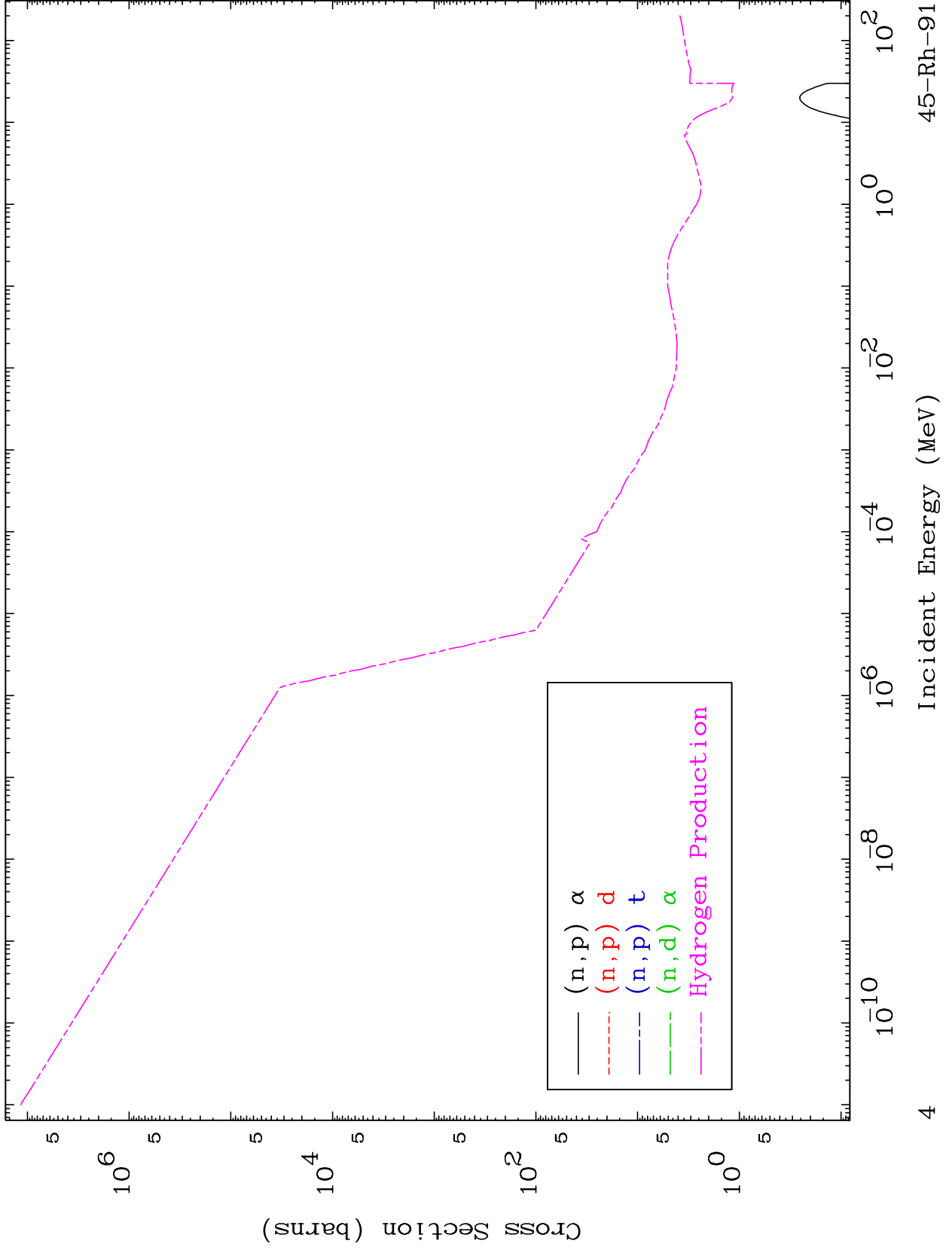


MAT 4489

Neutron Absorption
293 Kelvin Cross Sections

45-Rh-91

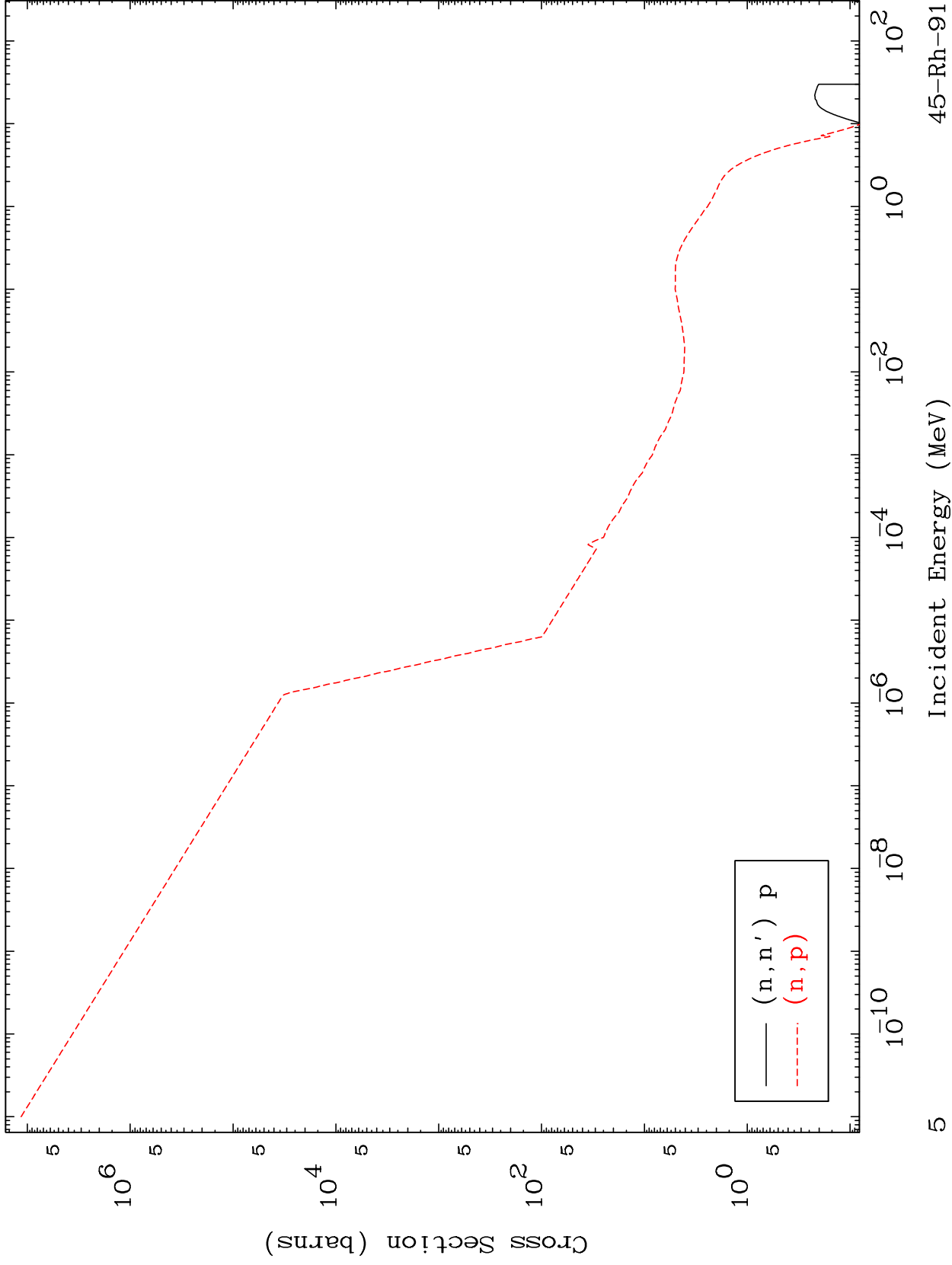




MAT 4489

Charged Particle
293 Kelvin Cross Sections

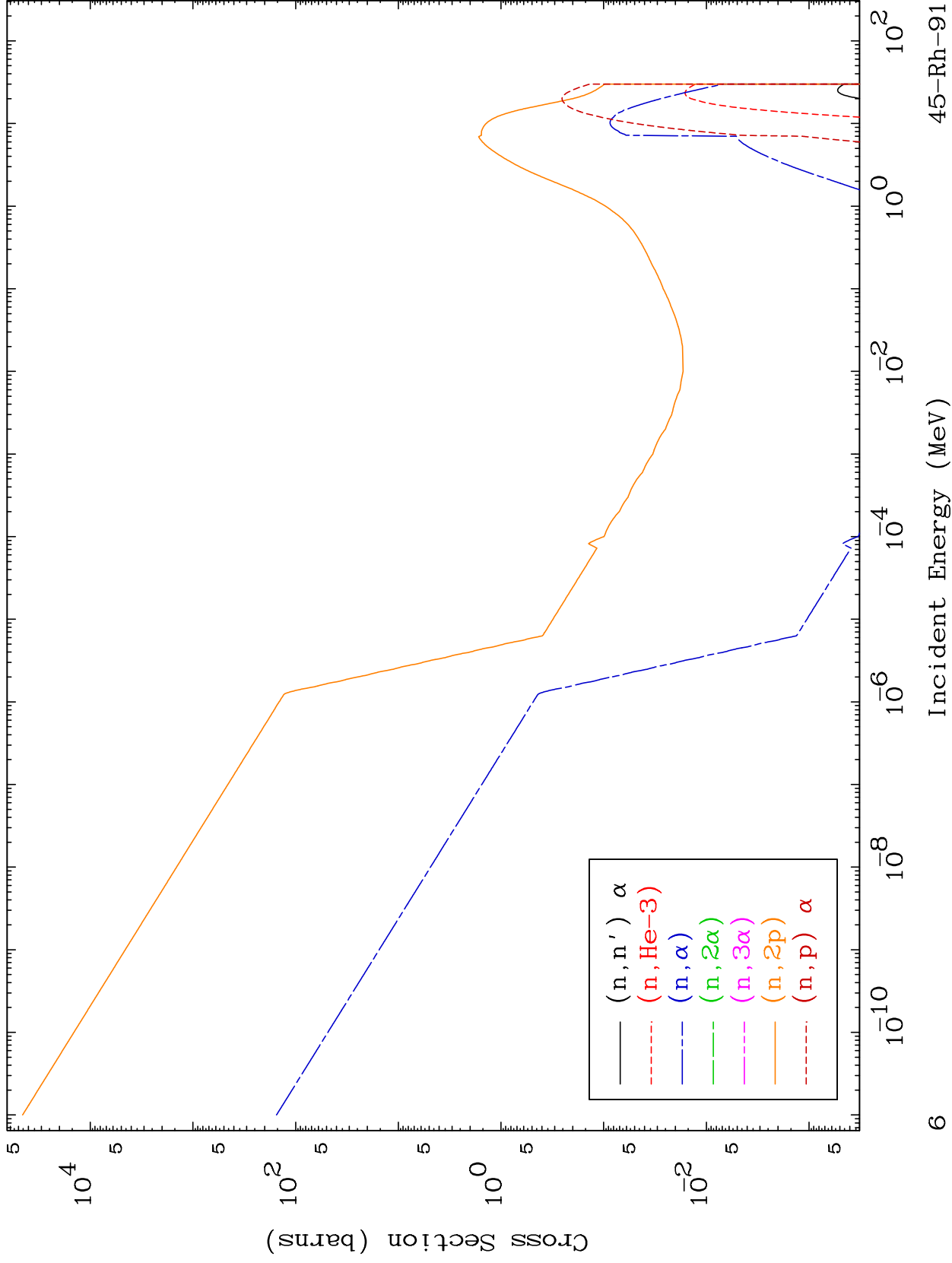
45-Rh-91



MAT 4489

Charged Particle
293 Kelvin Cross Sections

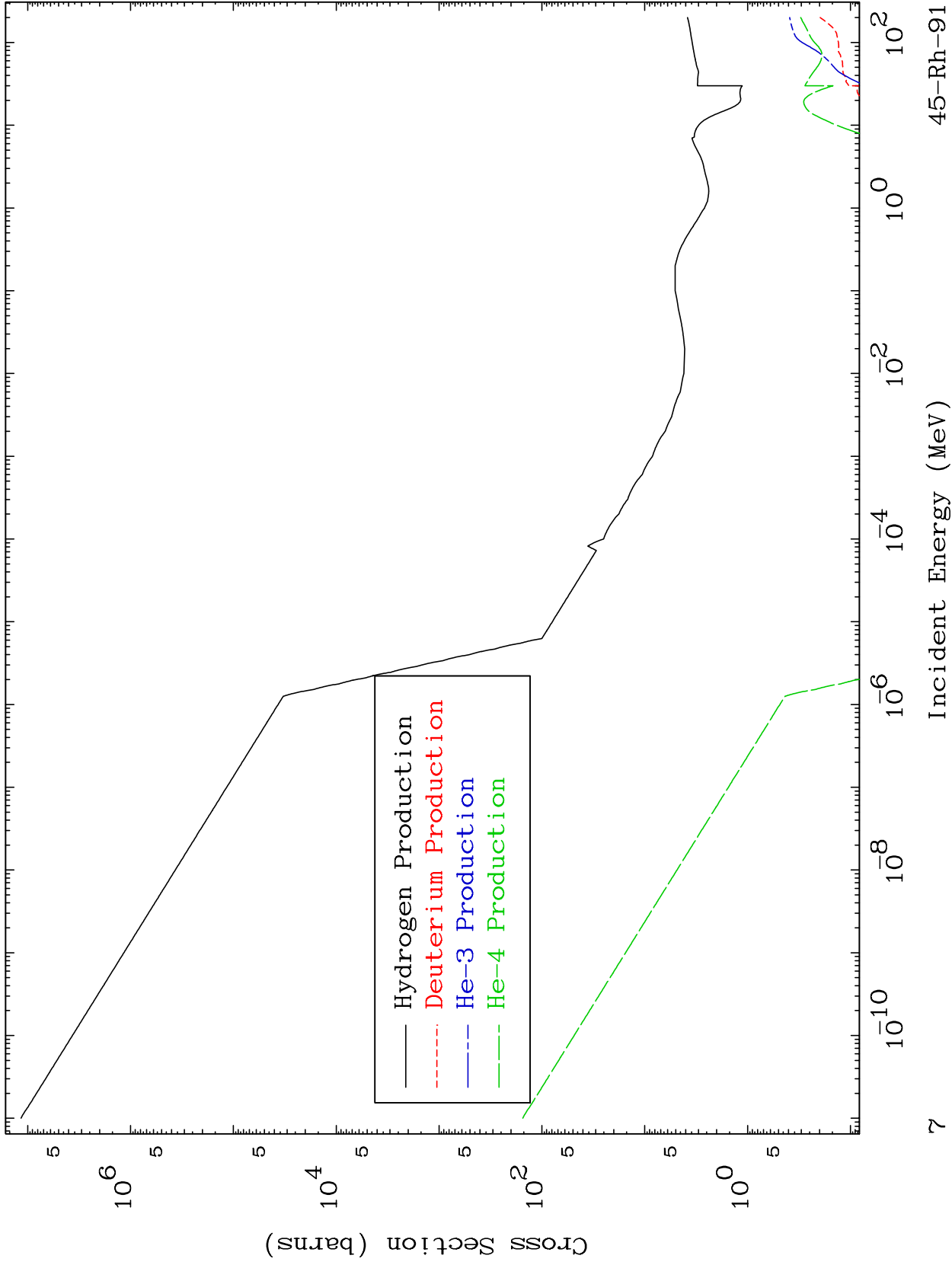
45-Rh-91

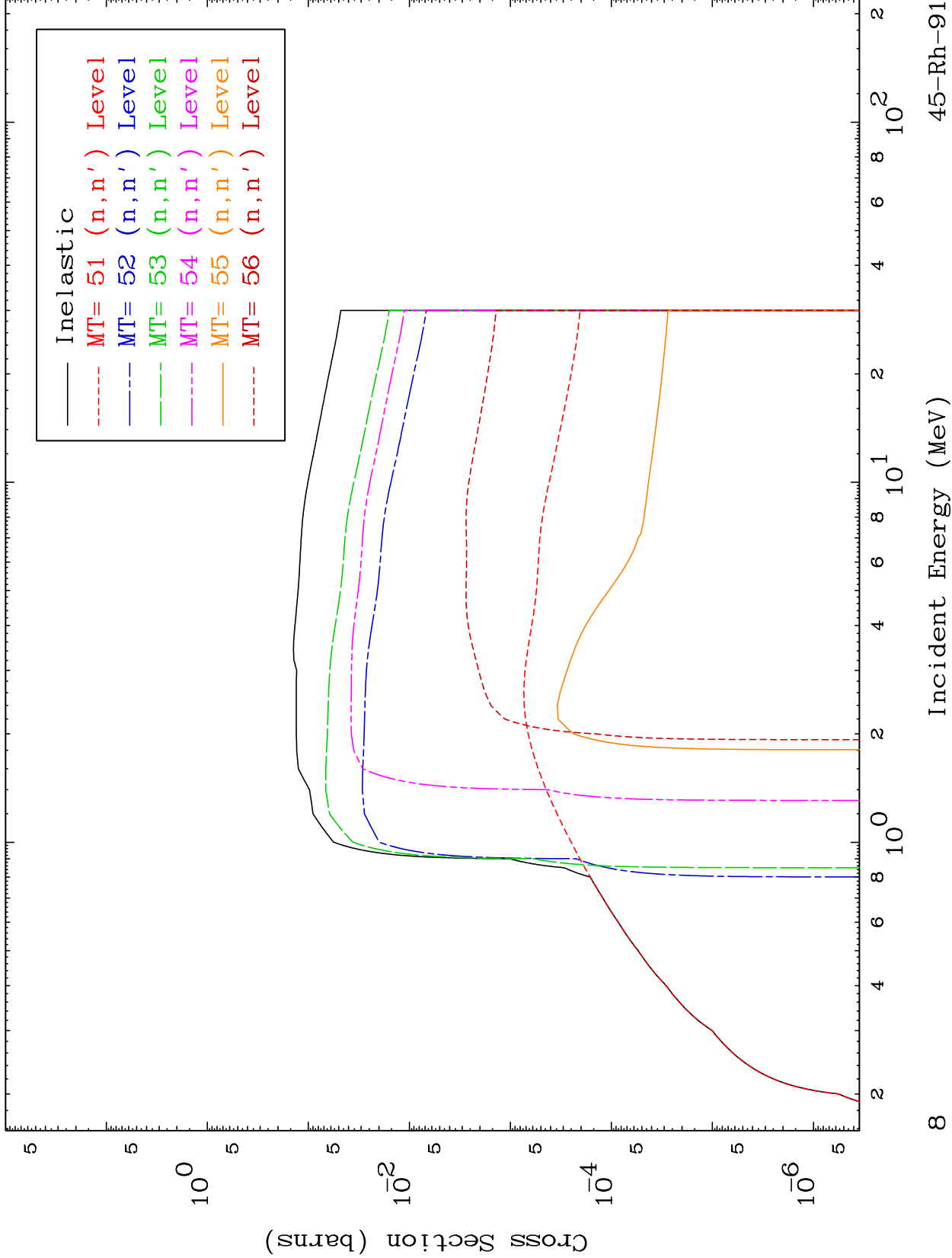


MAT 4489

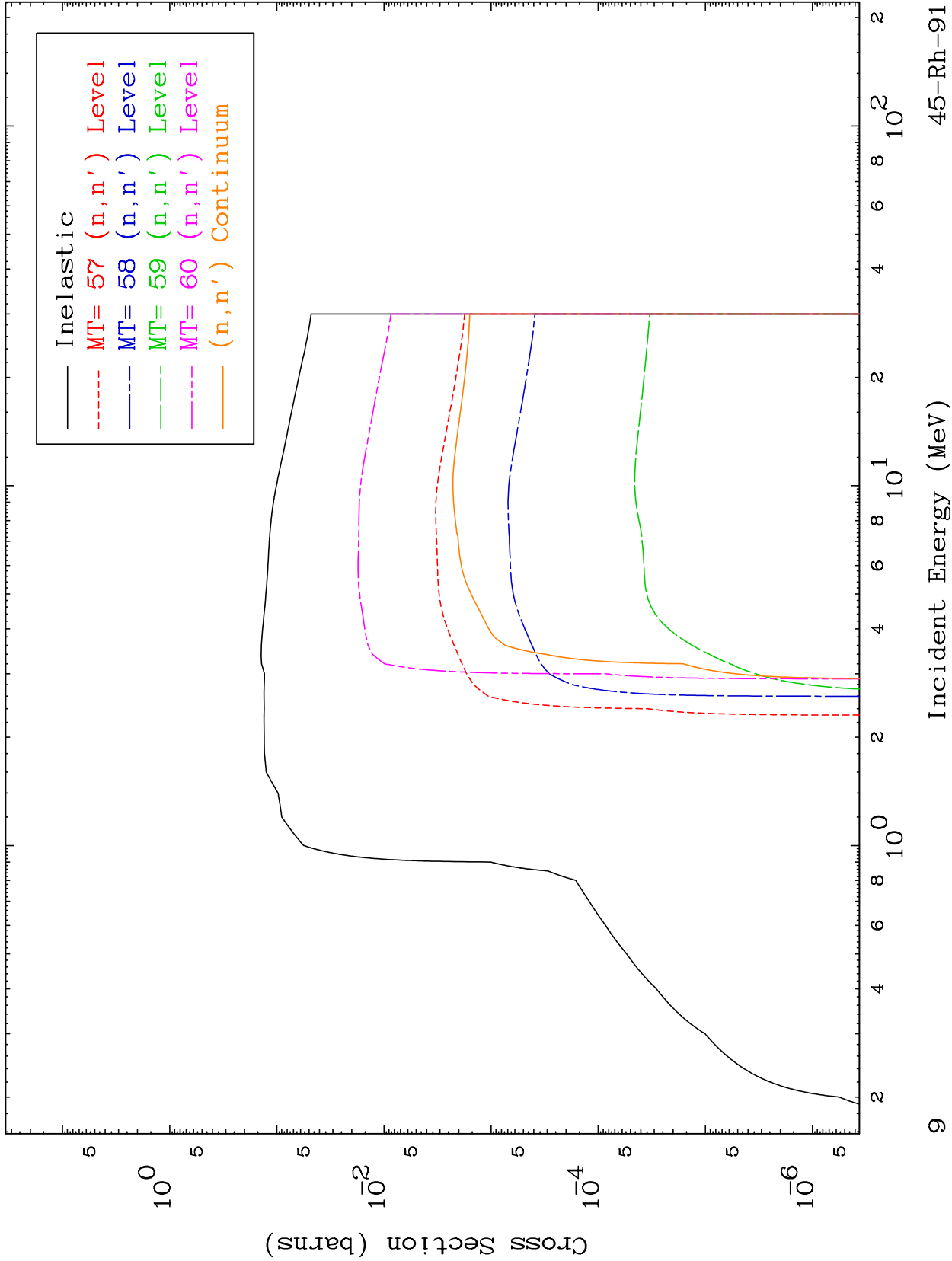
Particle Production
293 Kelvin Cross Sections

45-Rh-91





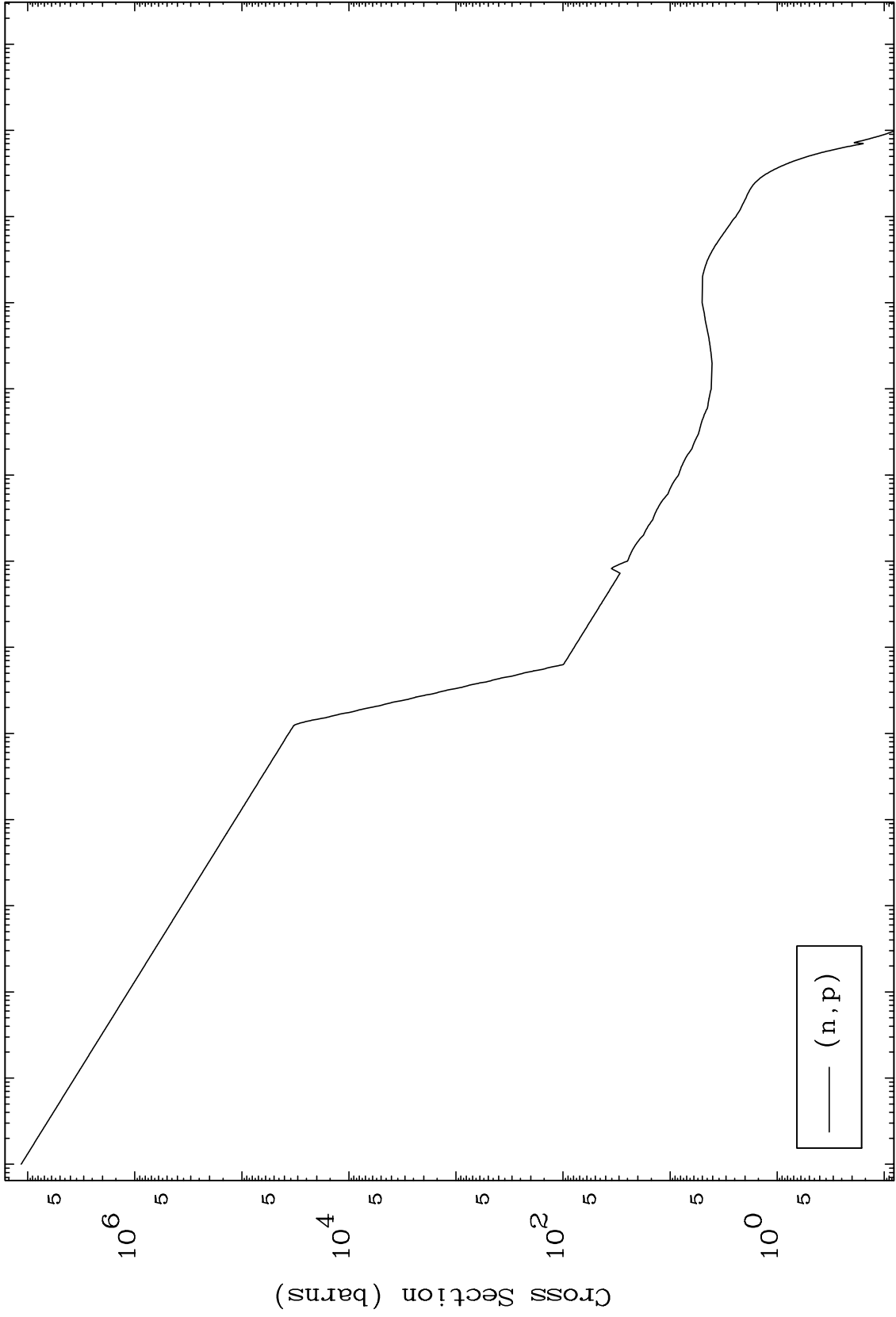
293 Kelvin Cross Sections



MAT 4489

(n,p) Levels
293 Kelvin Cross Sections

45-Rh-91



(n,p)

10

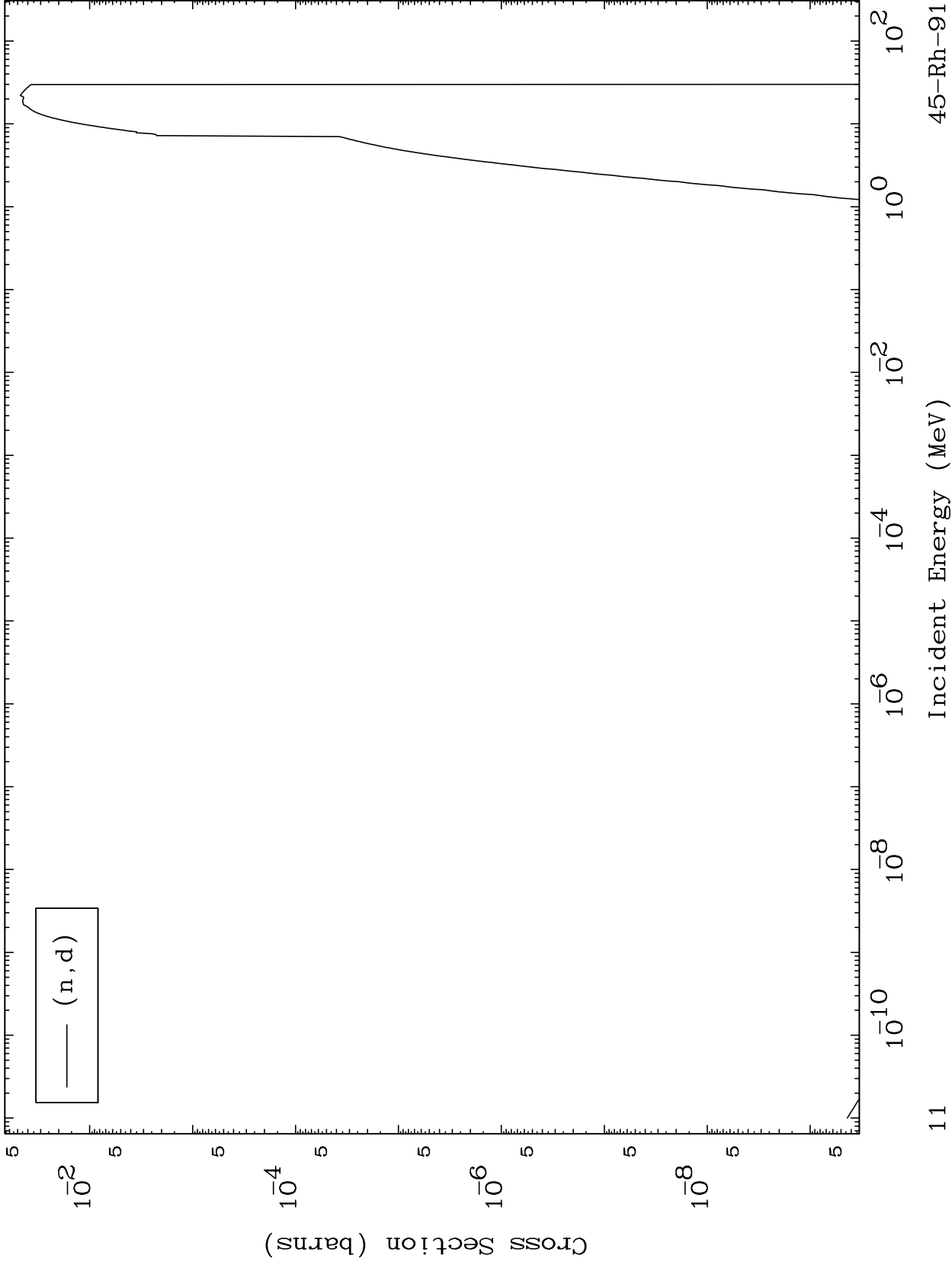
Incident Energy (MeV)

45-Rh-91

MAT 4489

(n,d) Levels
293 Kelvin Cross Sections

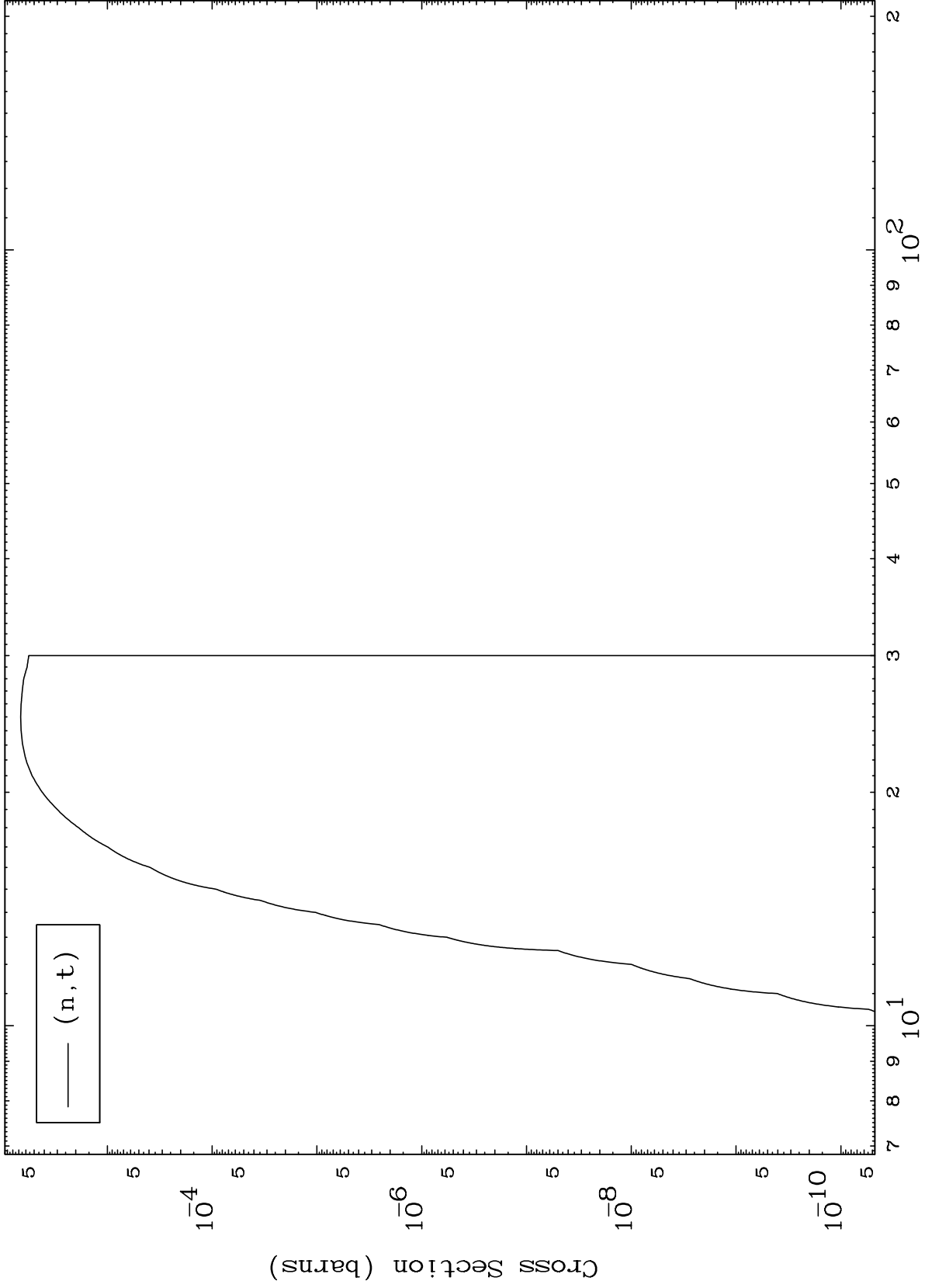
45-Rh-91



MAT 4489

(n,t) Levels
293 Kelvin Cross Sections

45-Rh-91



12

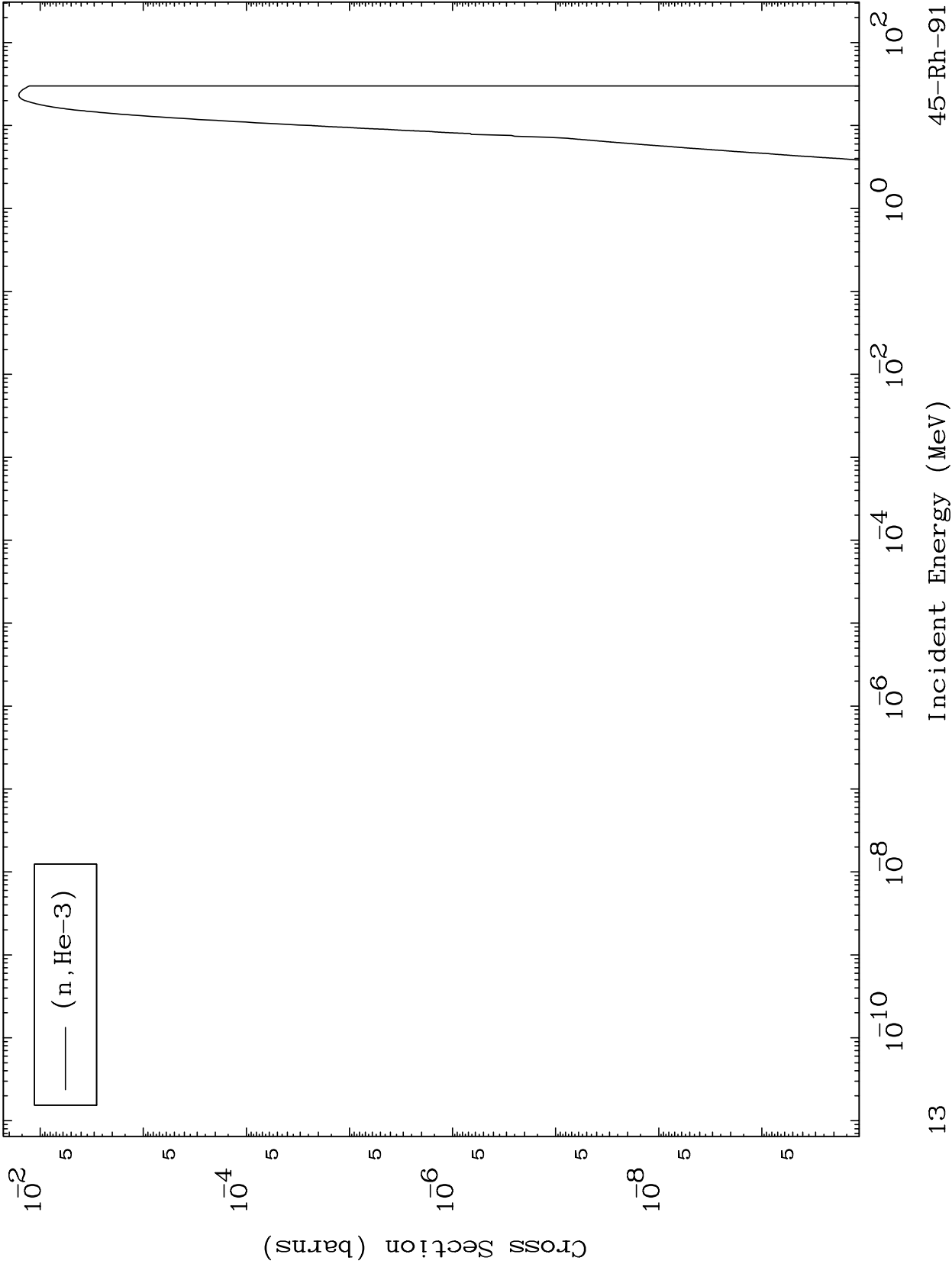
Incident Energy (MeV)

45-Rh-91

MAT 4489

(n,He3) Levels
293 Kelvin Cross Sections

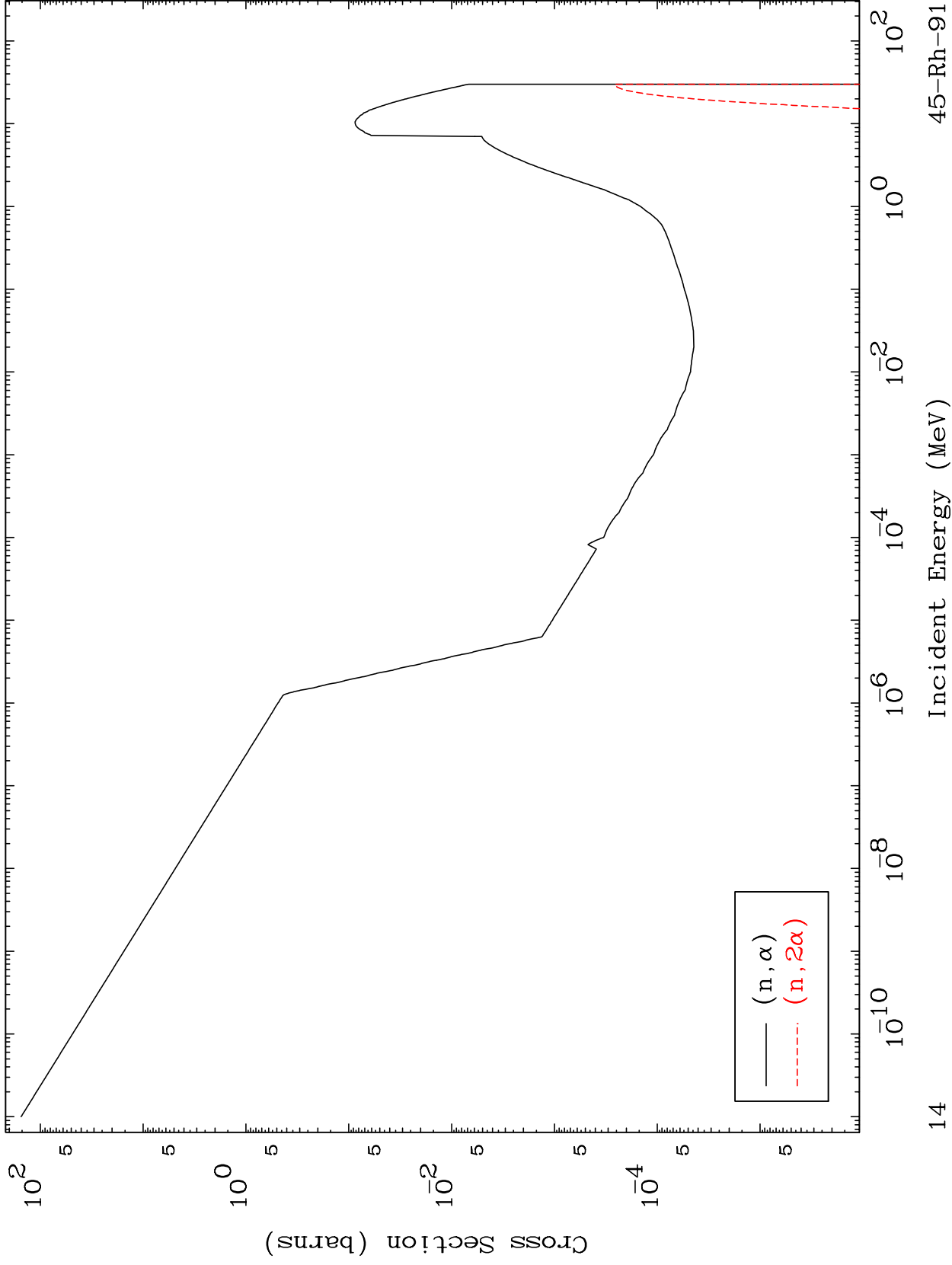
45-Rh-91



MAT 4489

(n,α) Levels
293 Kelvin Cross Sections

45-Rh-91



14

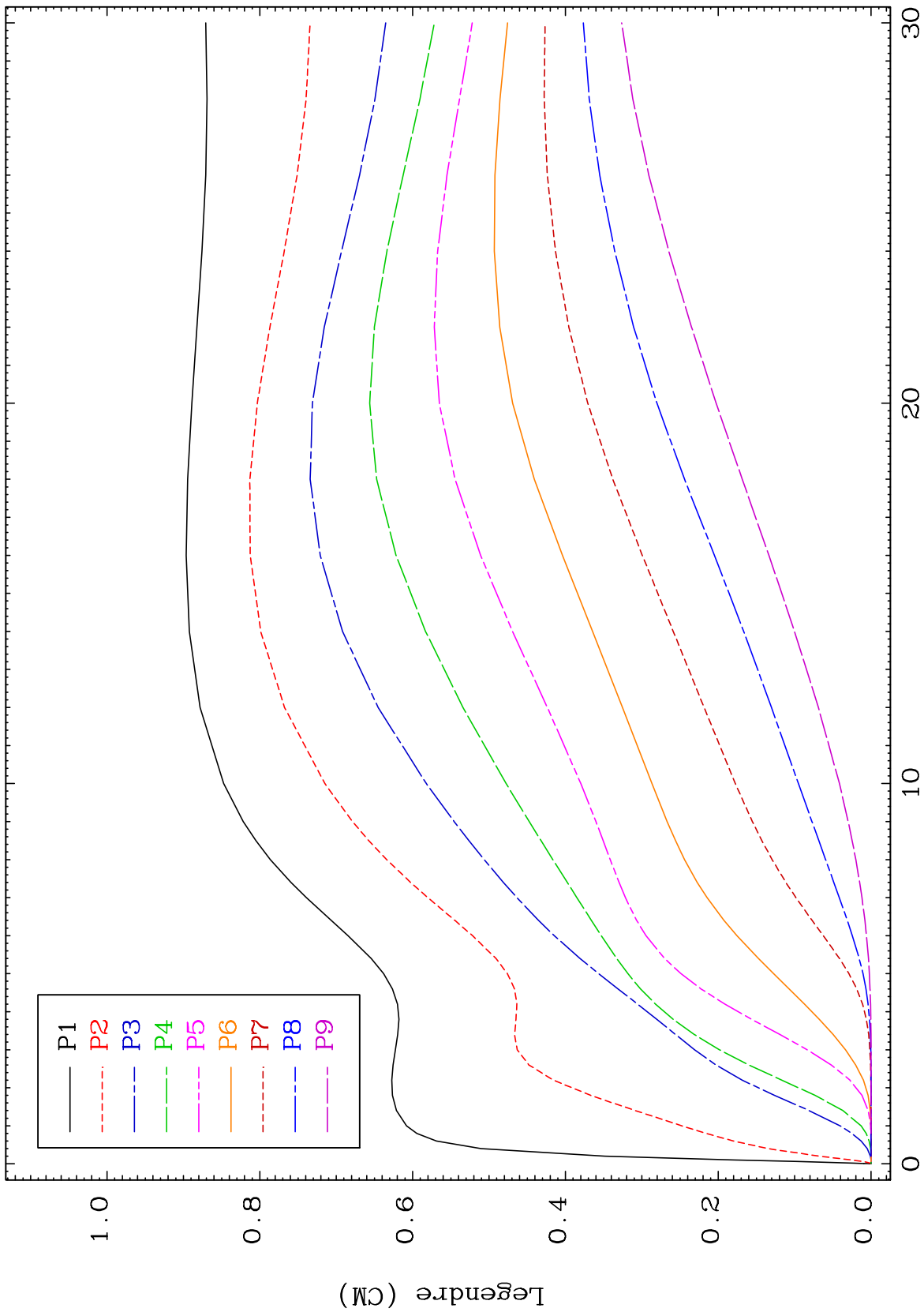
Incident Energy (MeV)

45-Rh-91

MAT 4489

Elastic Legendre Coefficients

45-Rh-91



15

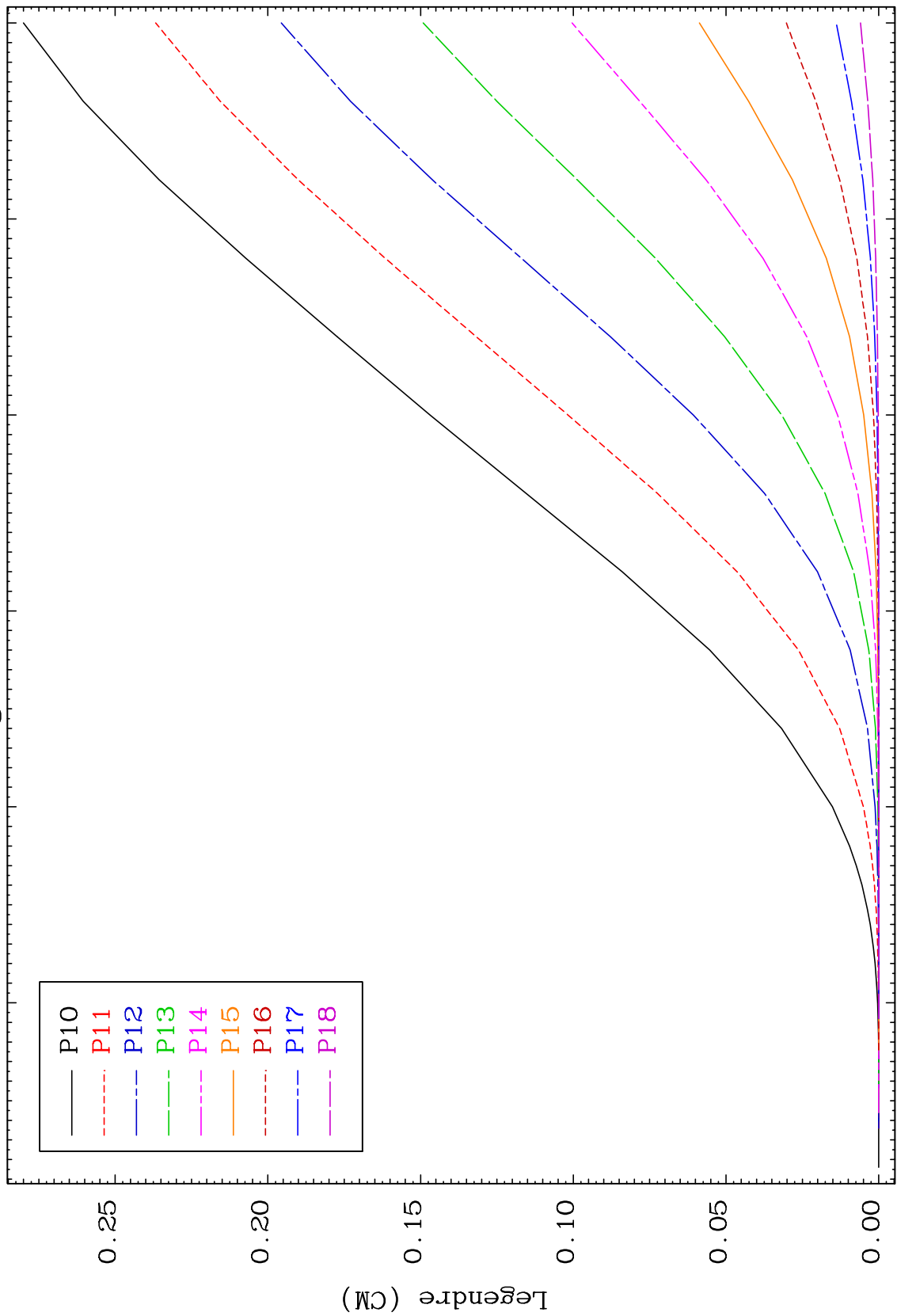
Incident Energy (MeV)

45-Rh-91

MAT 4489

Elastic Legendre Coefficients

45-Rh-91



16

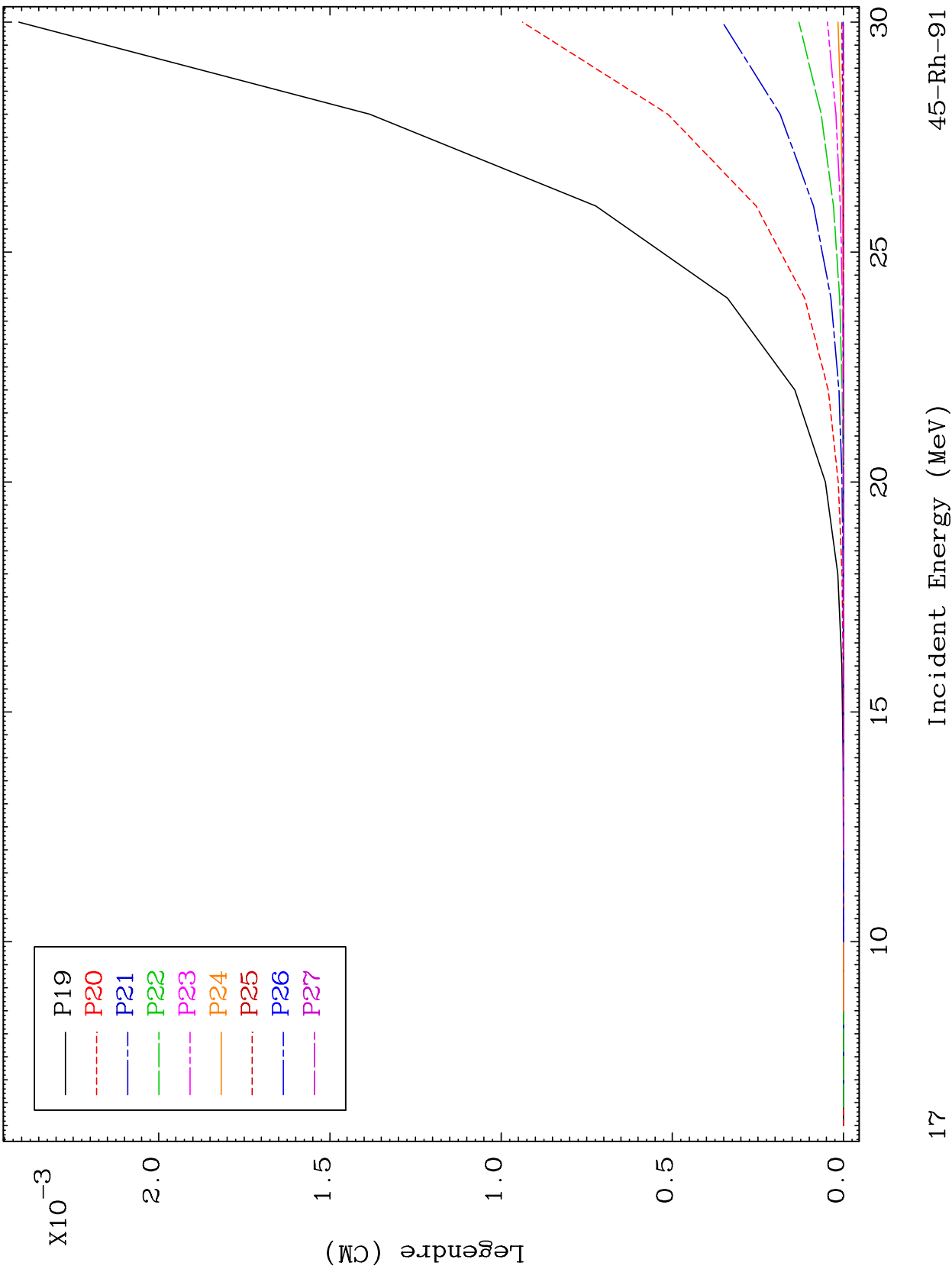
Incident Energy (MeV)

45-Rh-91

MAT 4489

Elastic Legendre Coefficients

45-Rh-91



17

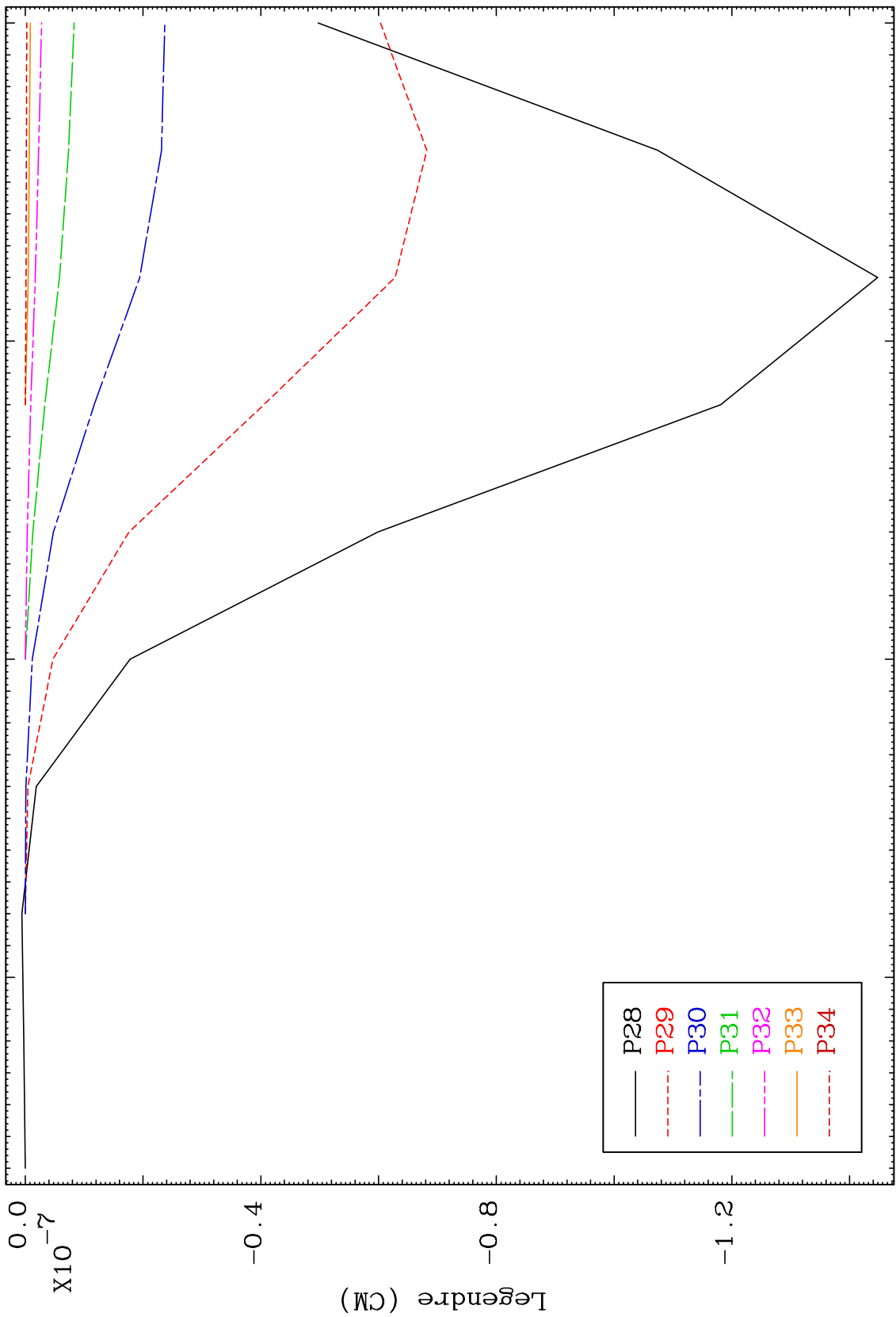
Incident Energy (MeV)

45-Rh-91

MAT 4489

45-Rh-91

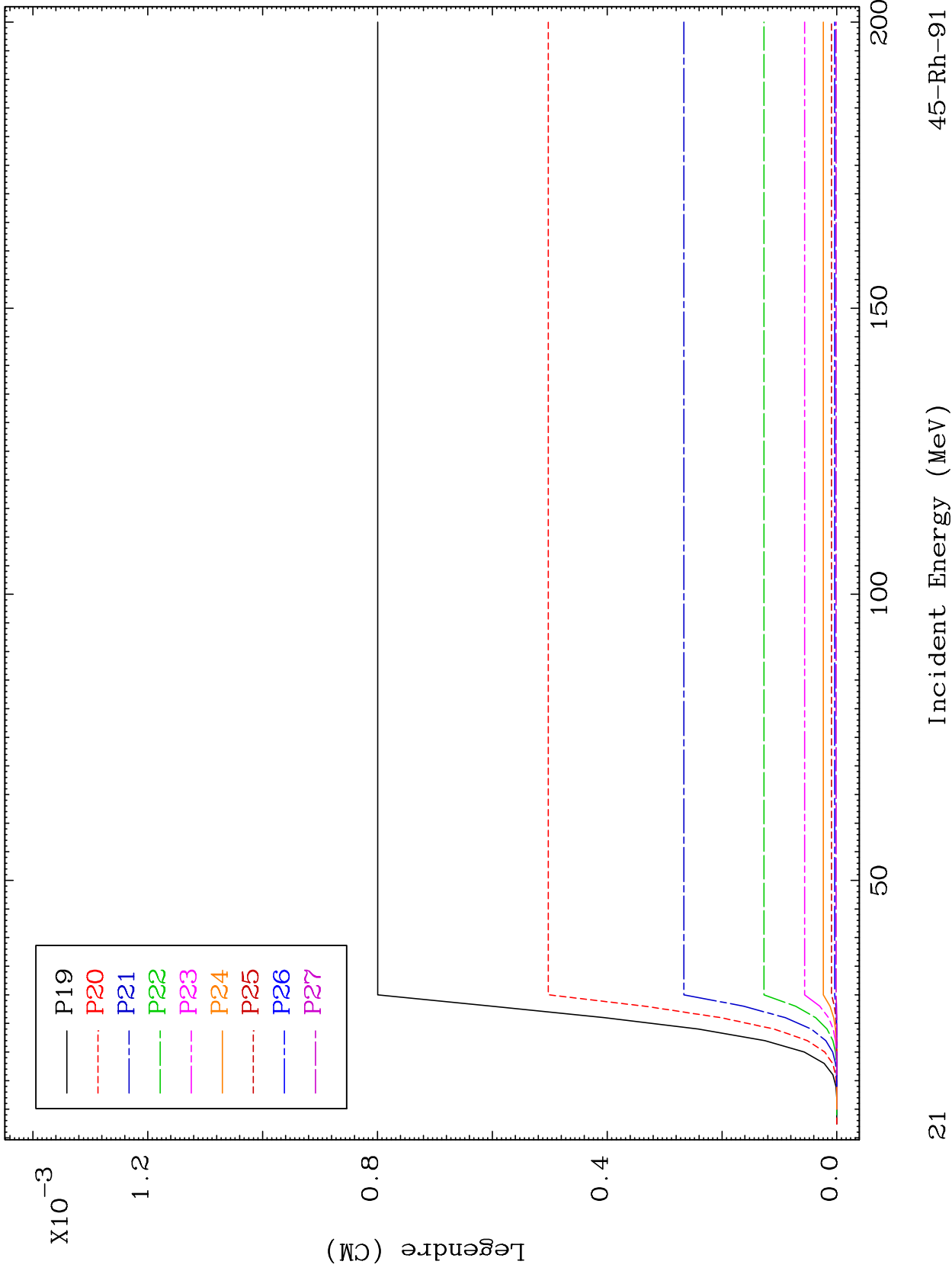
Elastic Legendre Coefficients



18

Incident Energy (MeV)

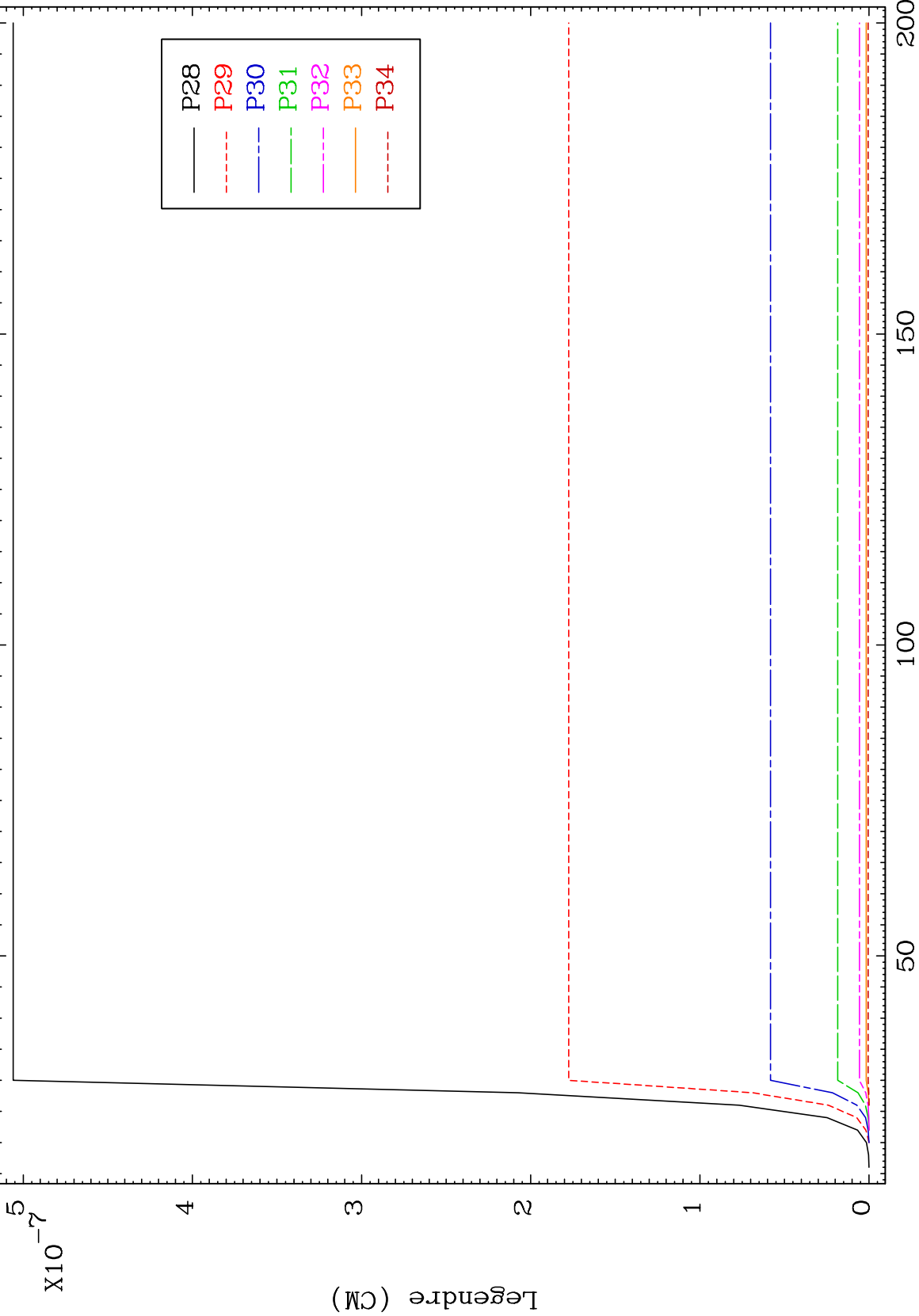
45-Rh-91



MAT 4489

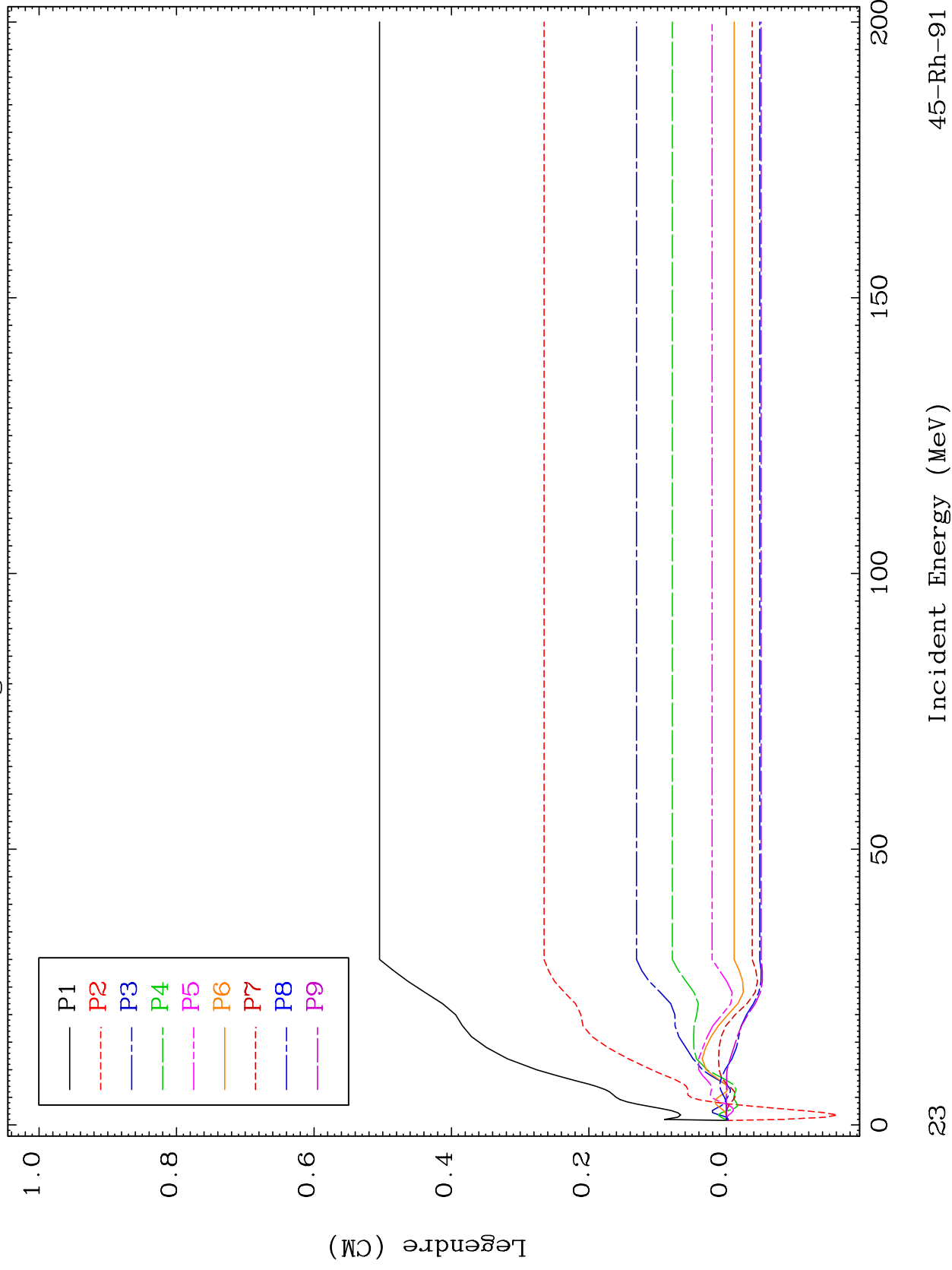
MT= 51 (n,n') Level
Legendre Coefficients

45-Rh-91



22

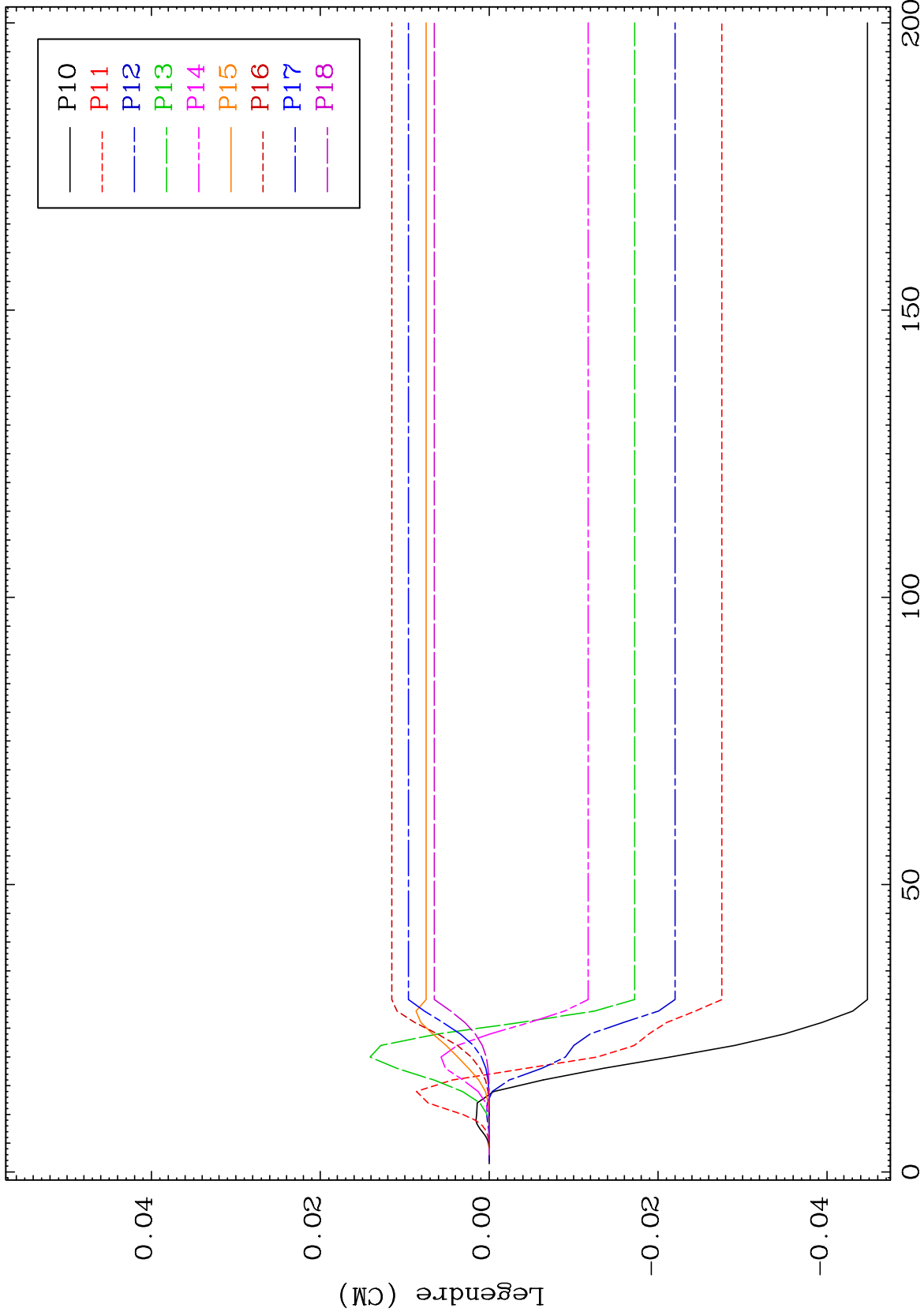
45-Rh-91



MAT 4489

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

45-Rh-91



24

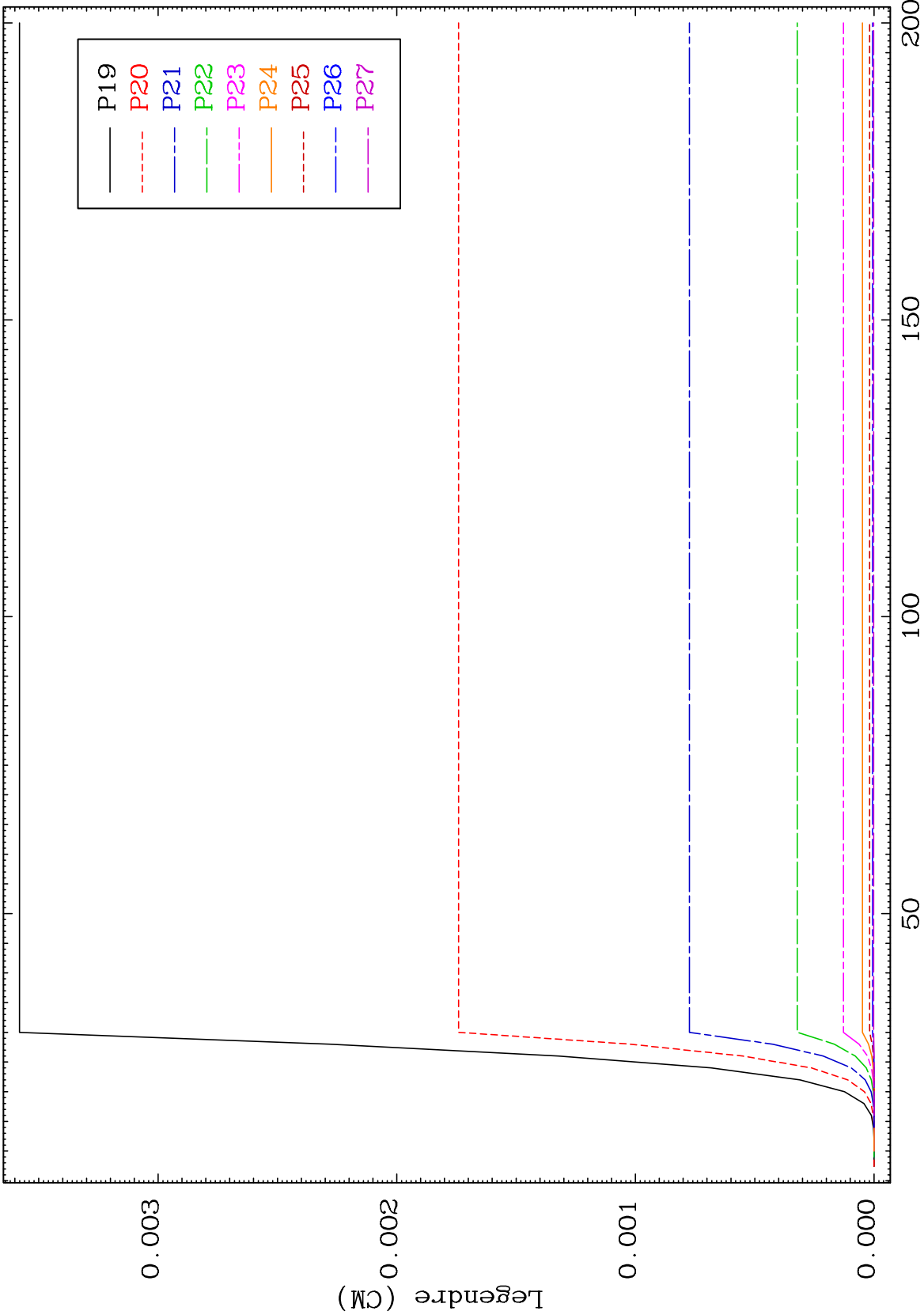
Incident Energy (MeV)

45-Rh-91

MAT 4489

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

45-Rh-91



25

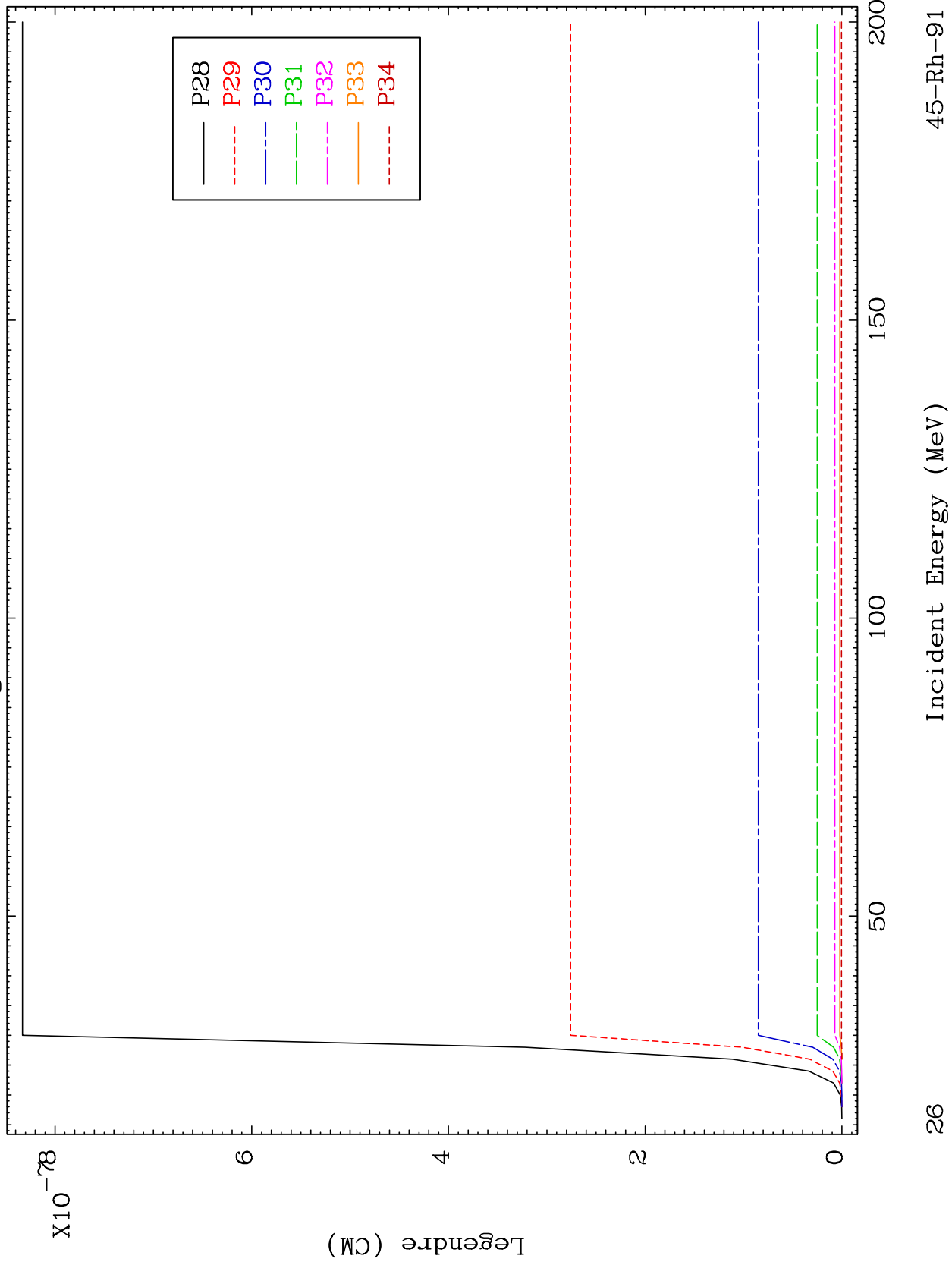
Incident Energy (MeV)

45-Rh-91

MAT 4489

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

45-Rh-91



26

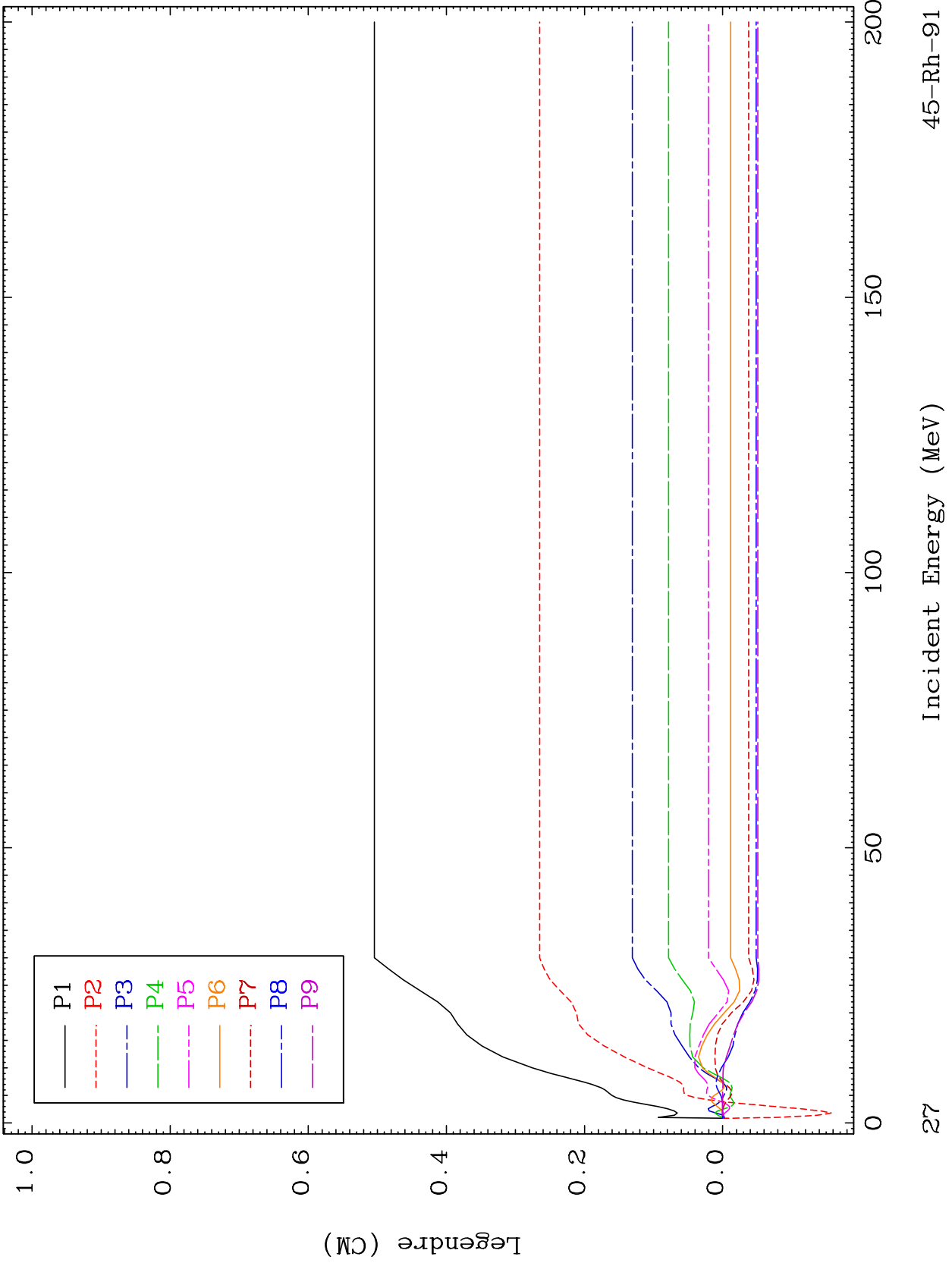
Incident Energy (MeV)

45-Rh-91

MAT 4489

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

45-Rh-91



27

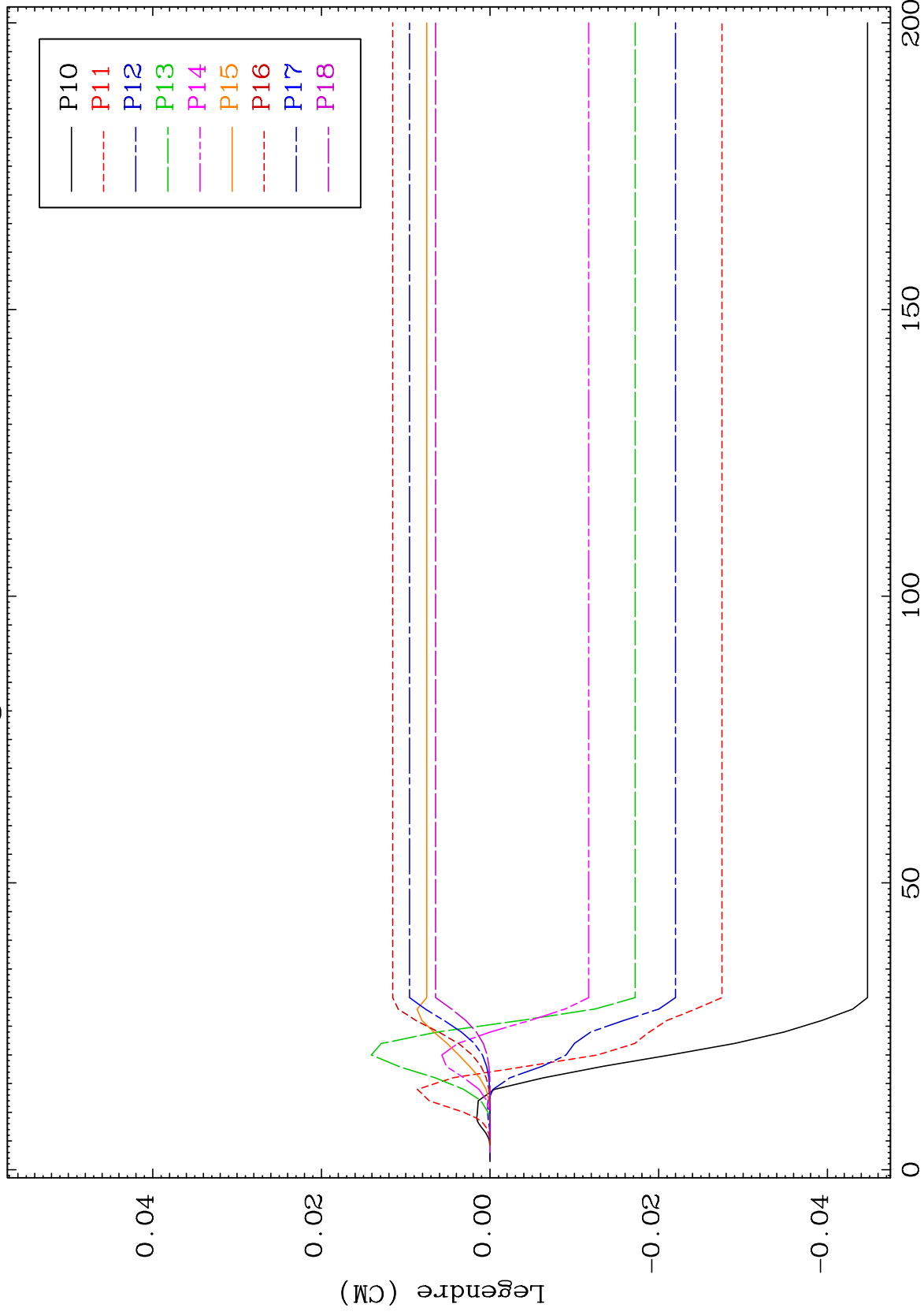
Incident Energy (MeV)

45-Rh-91

MAT 4489

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

45-Rh-91



28

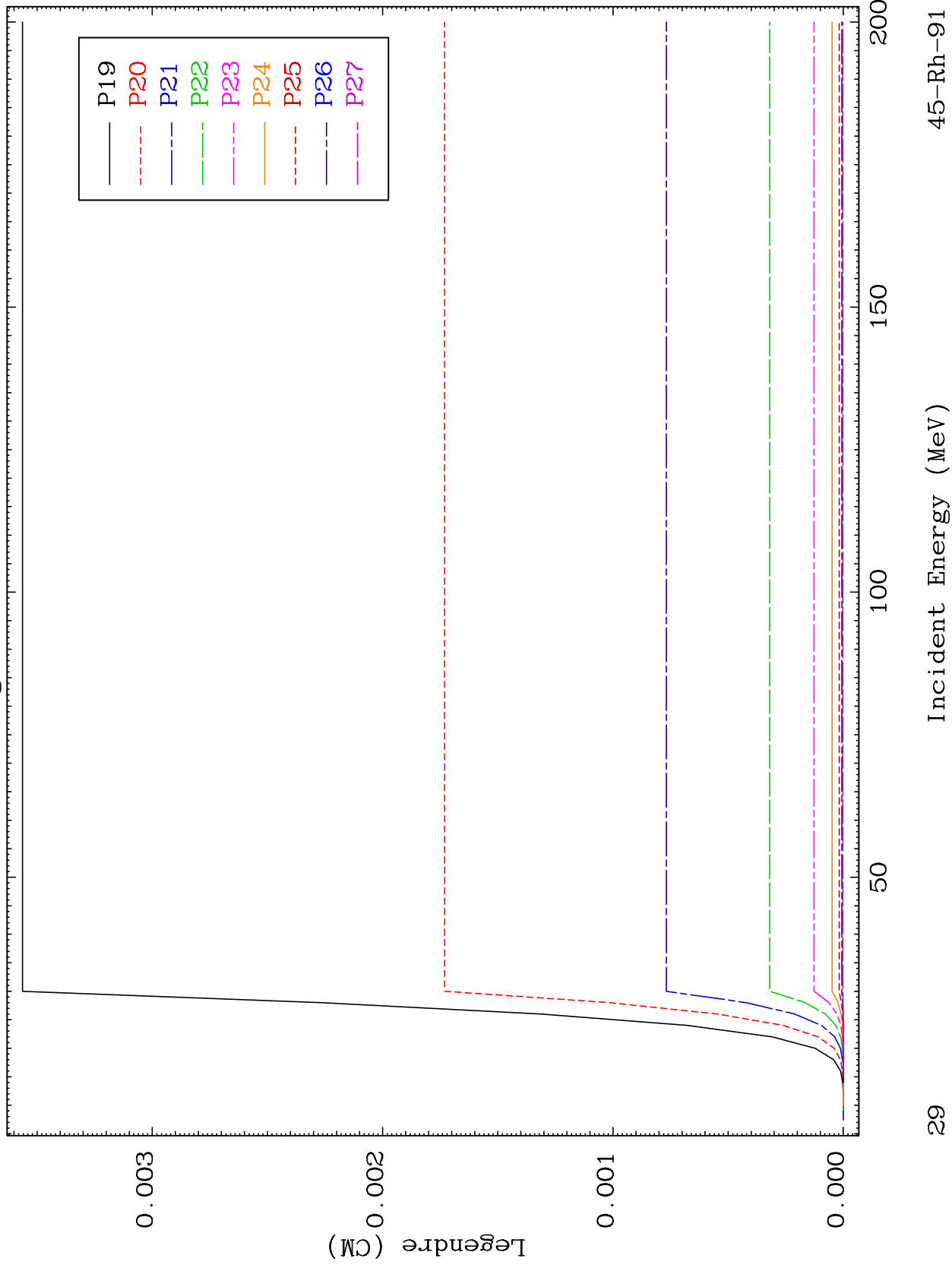
Incident Energy (MeV)

45-Rh-91

MAT 4489

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

45-Rh-91



29

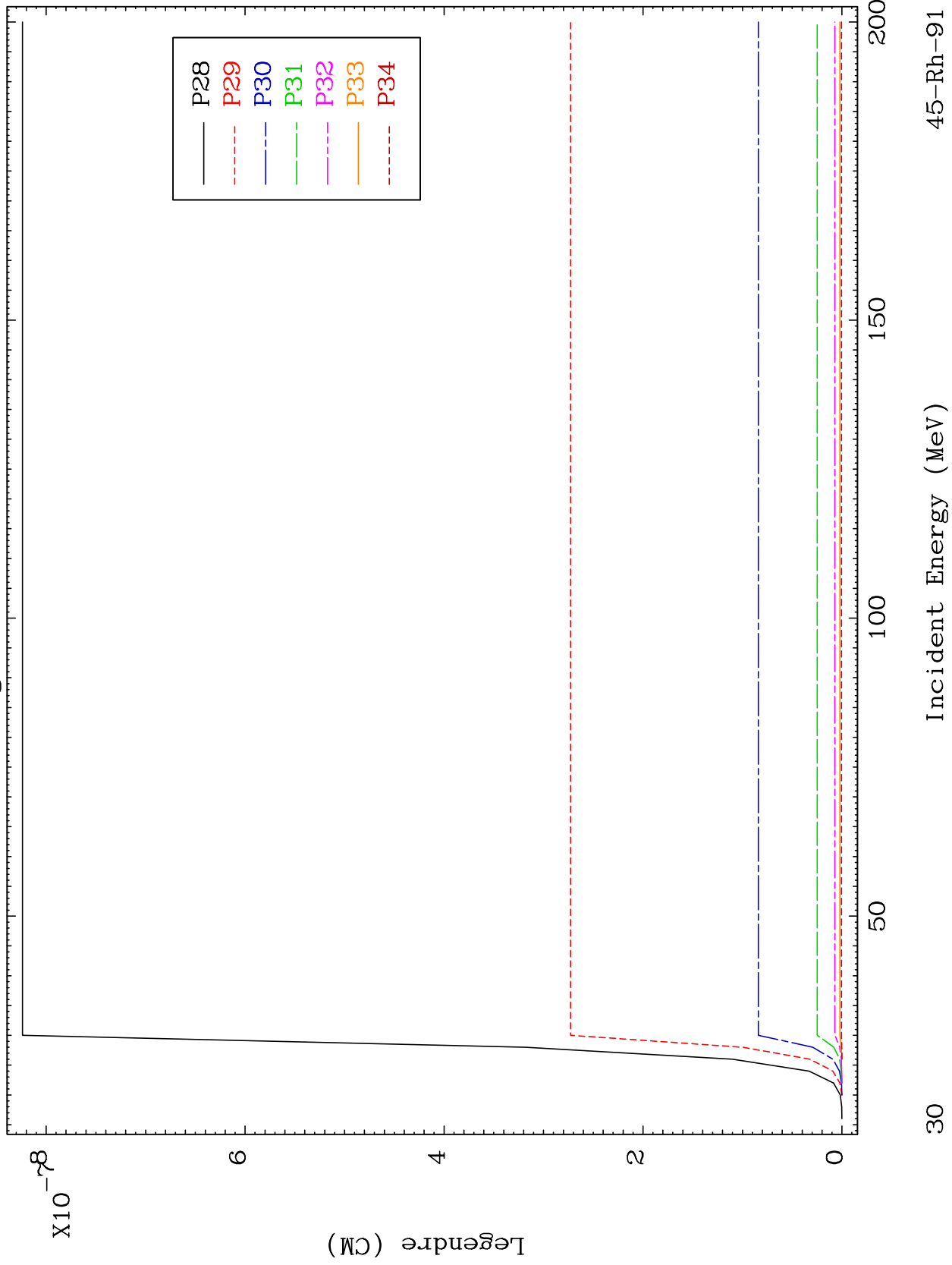
Incident Energy (MeV)

45-Rh-91

MAT 4489

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

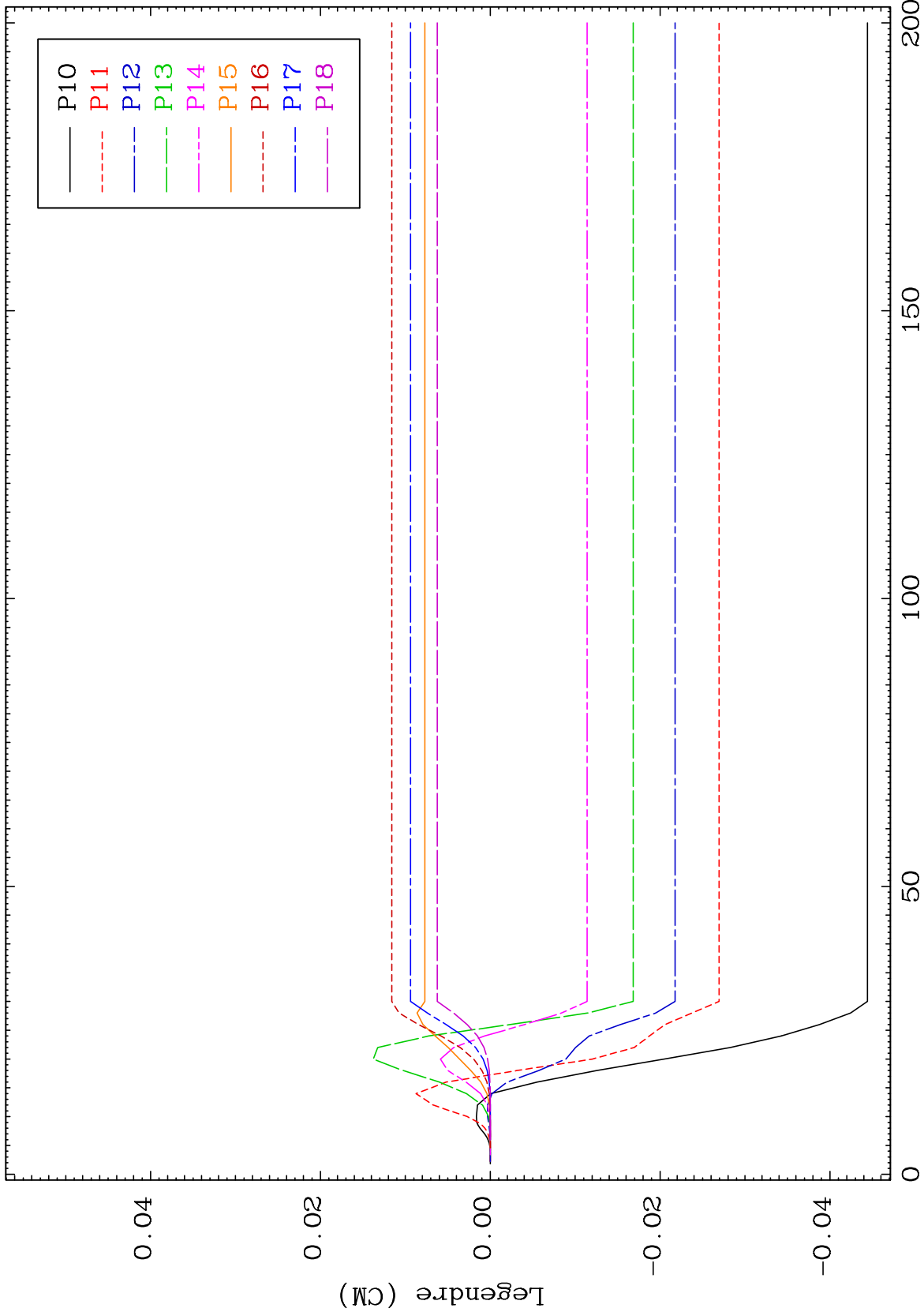
45-Rh-91



MAT 4489

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

45-Rh-91



32

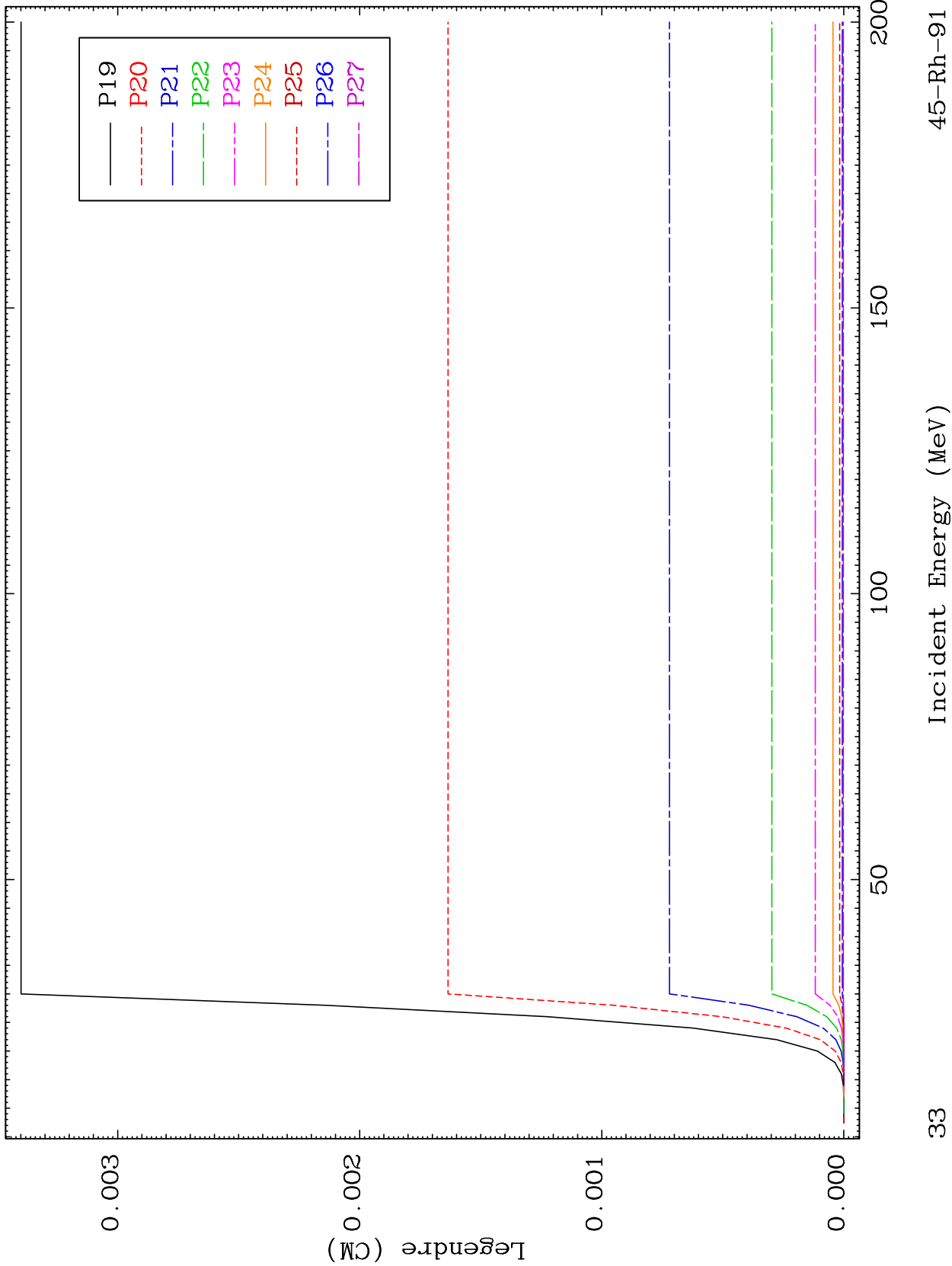
Incident Energy (MeV)

45-Rh-91

MAT 4489

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

45-Rh-91



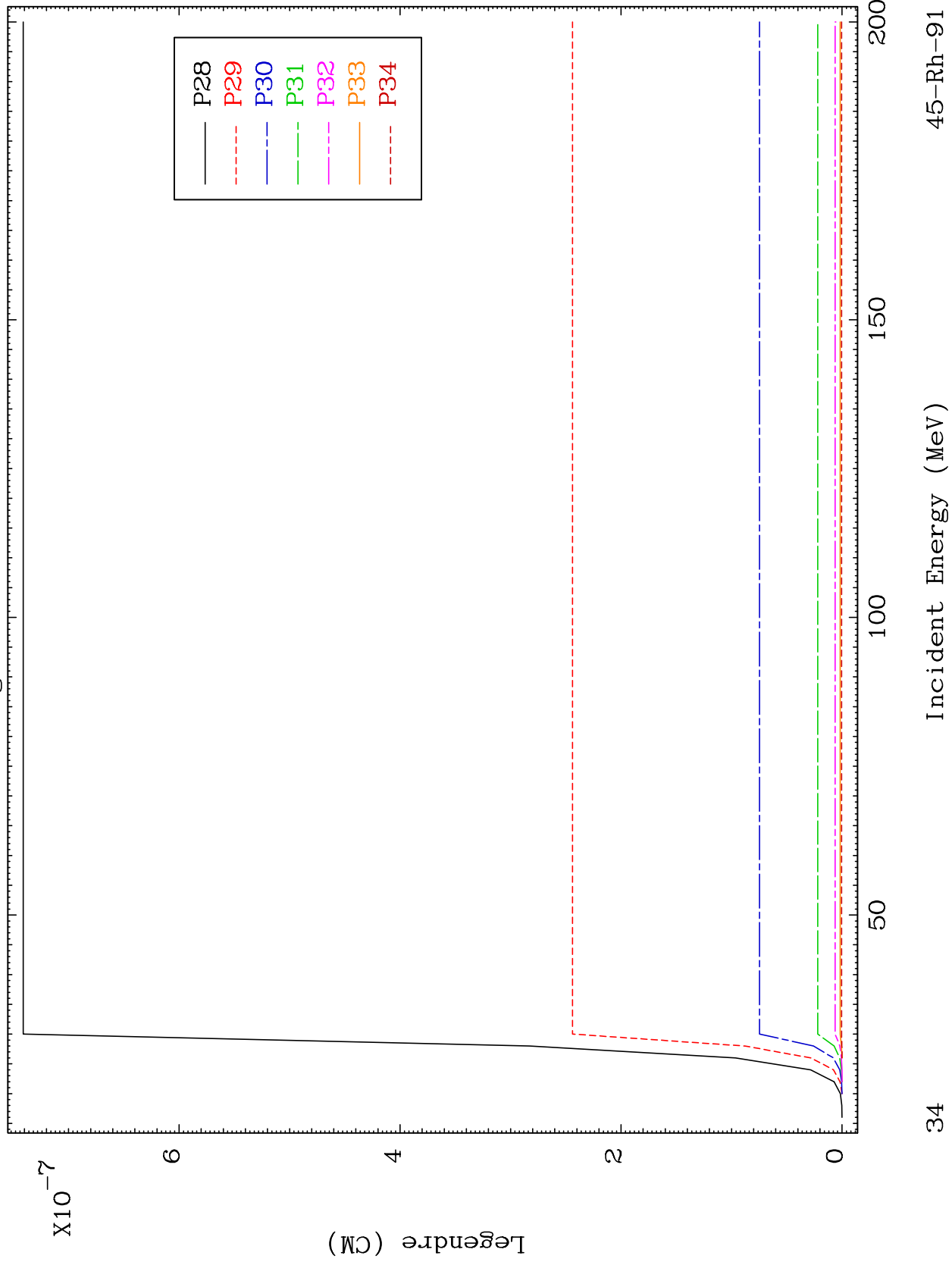
33

45-Rh-91

MAT 4489

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

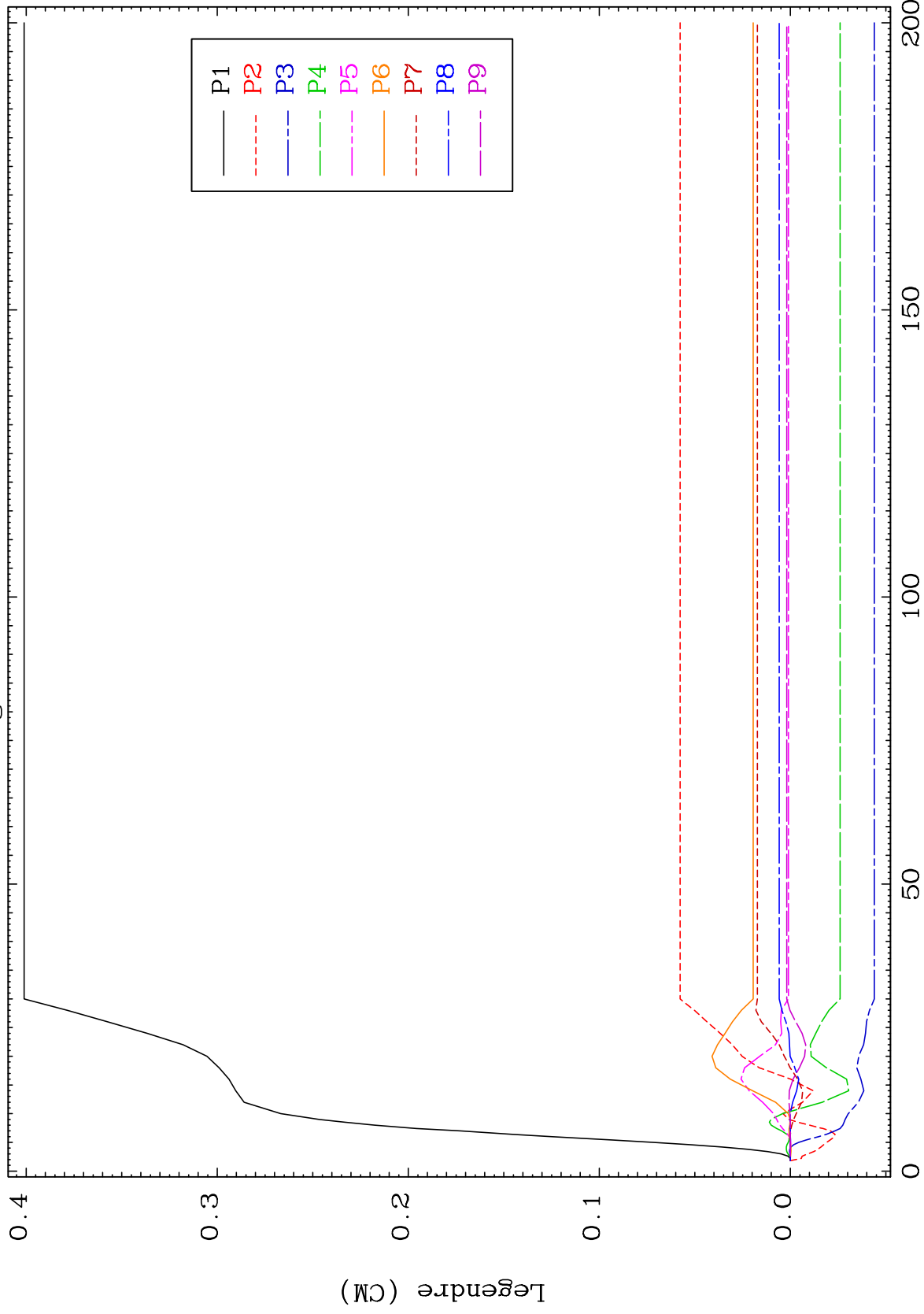
45-Rh-91



MAT 4489

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

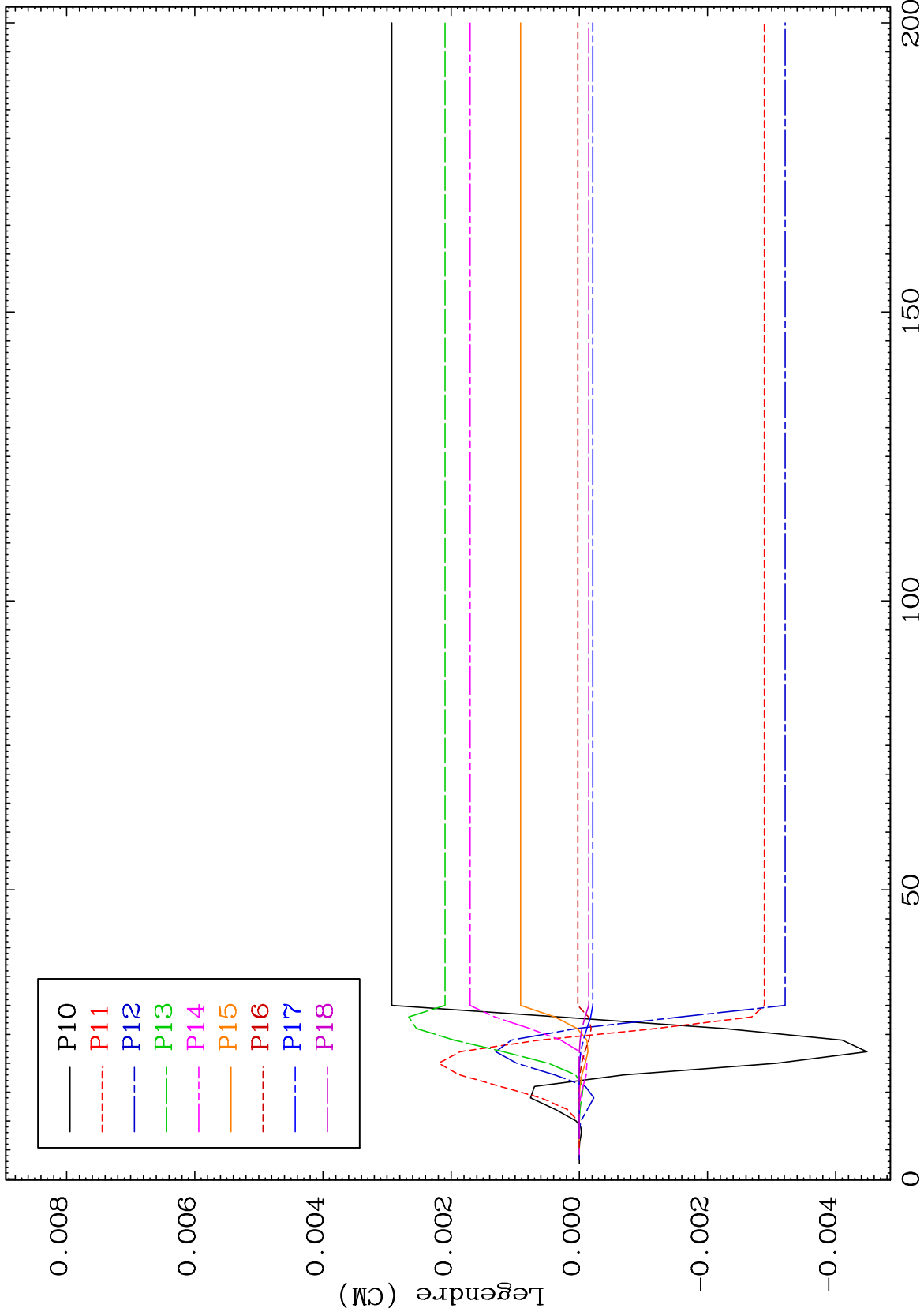
45-Rh-91



35

Incident Energy (MeV)

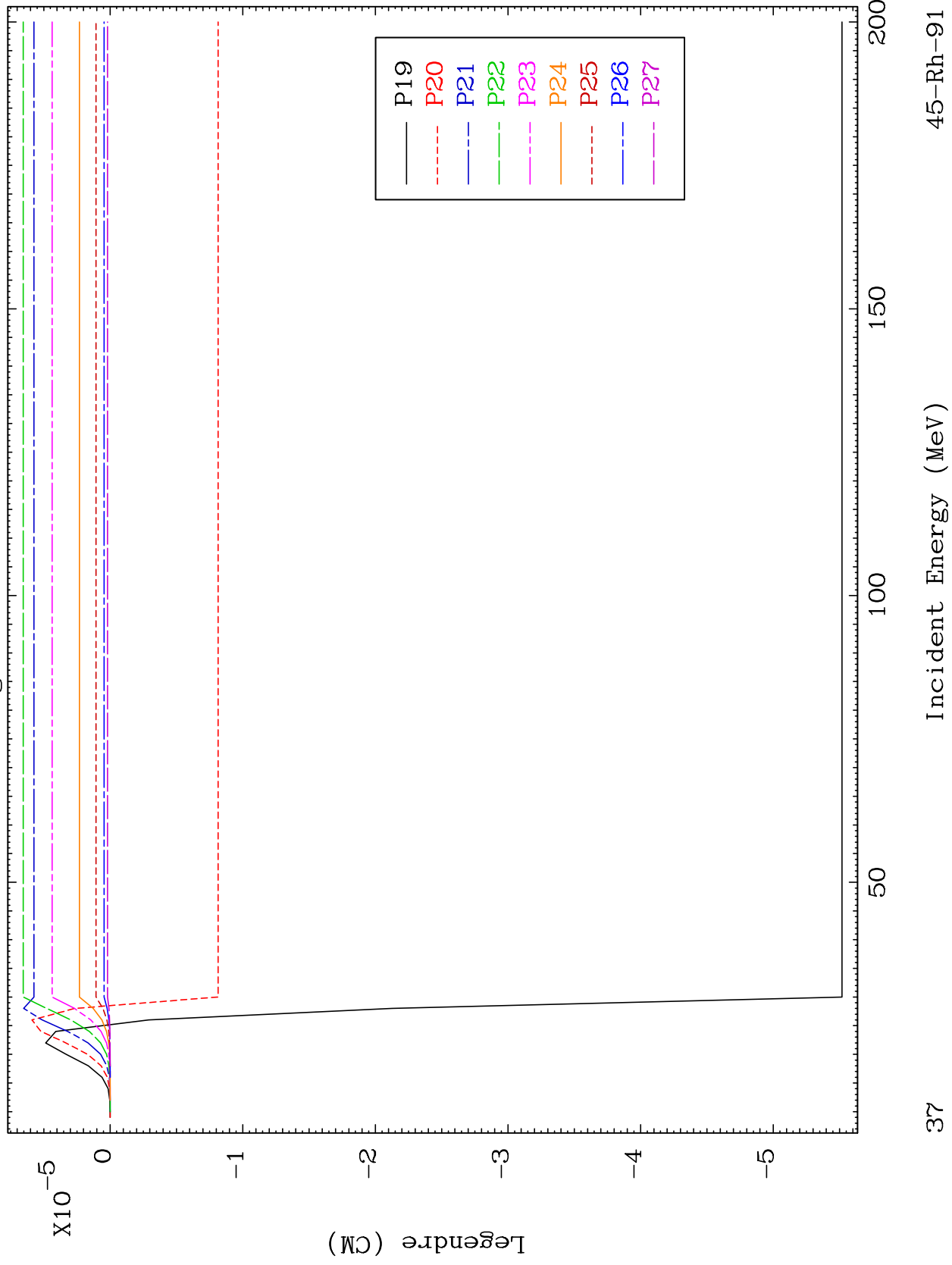
45-Rh-91



MAT 4489

45-Rh-91

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



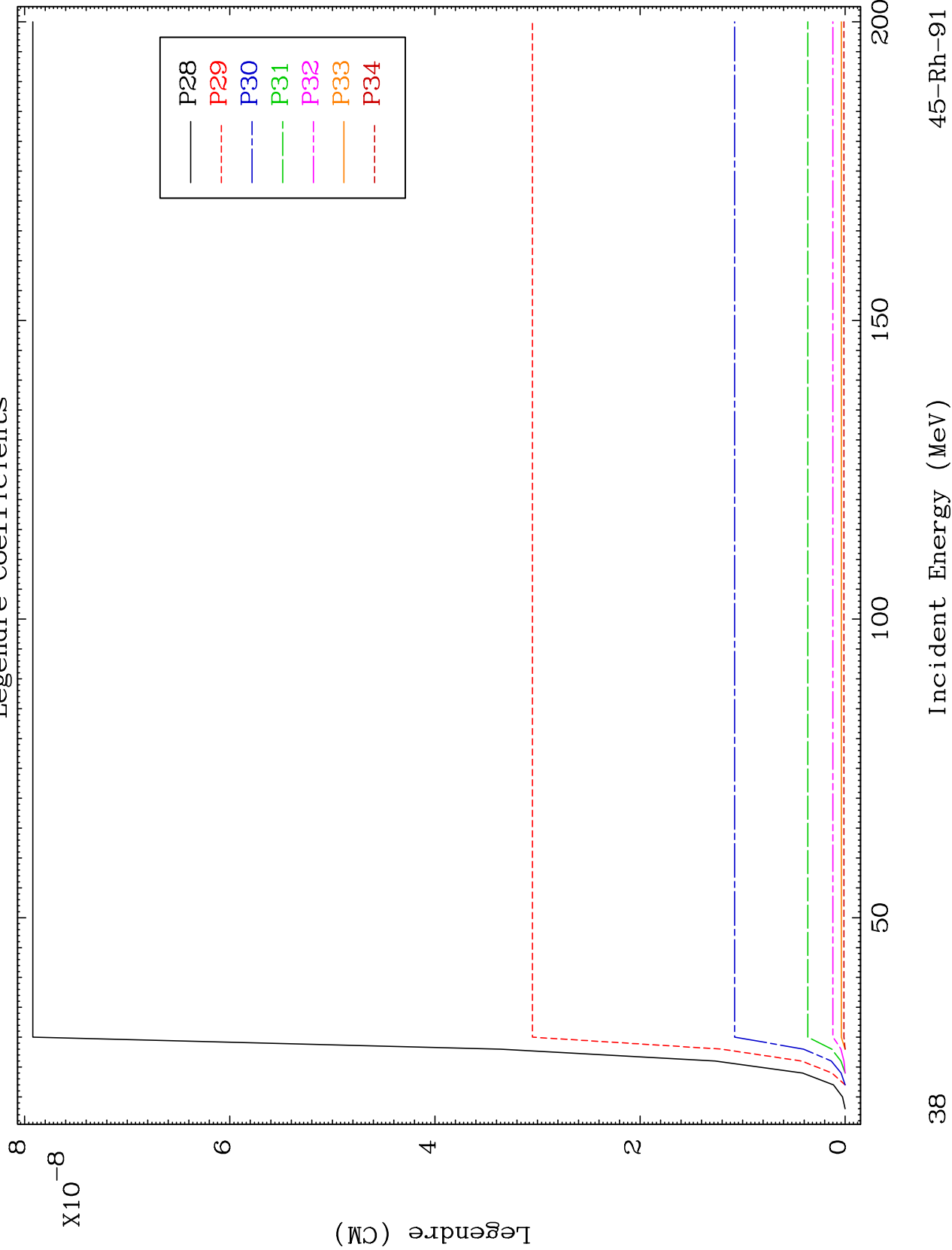
37

45-Rh-91

MAT 4489

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

45-Rh-91



38

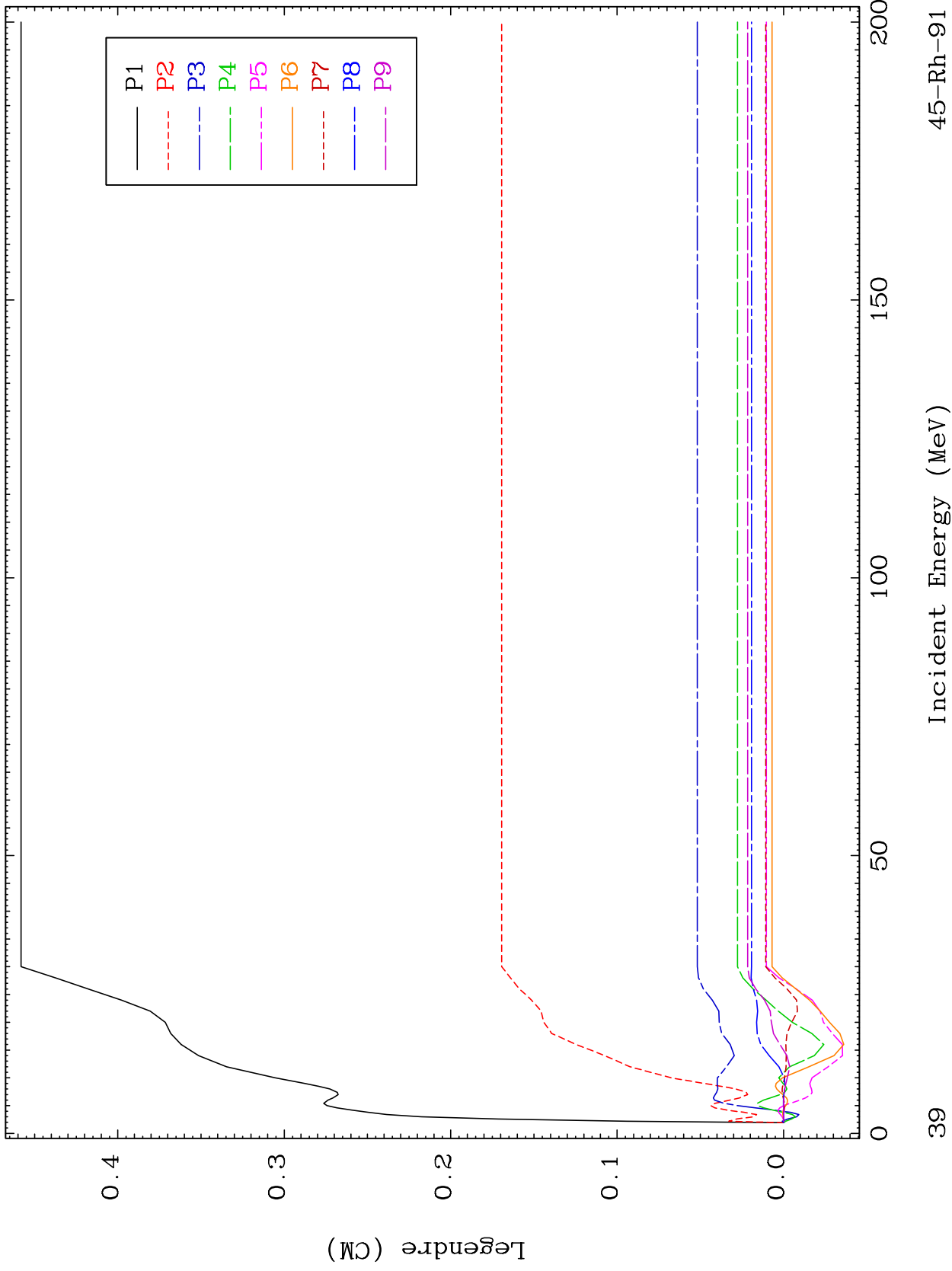
Incident Energy (MeV)

45-Rh-91

MAT 4489

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

45-Rh-91

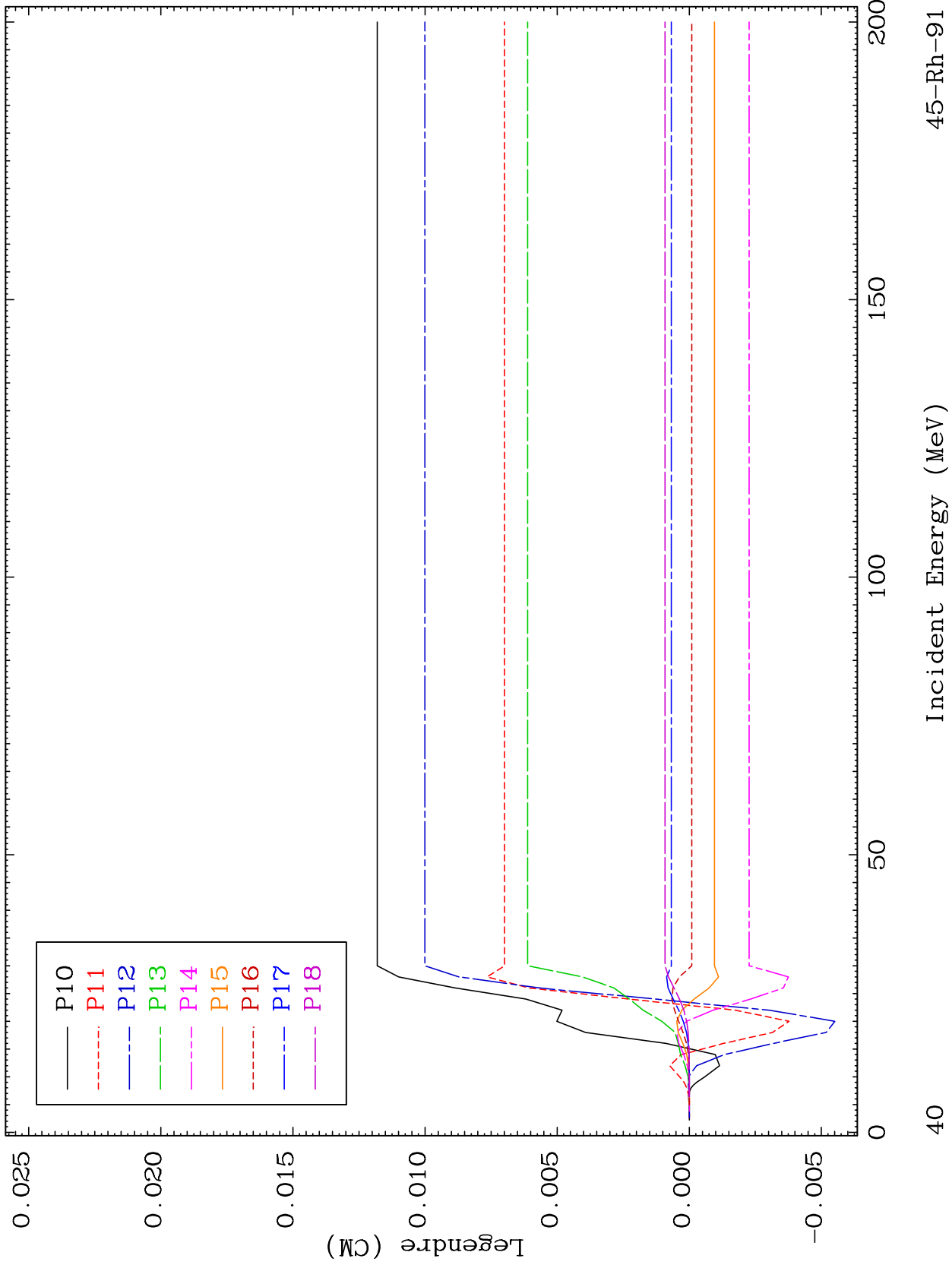


39

MAT 4489

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

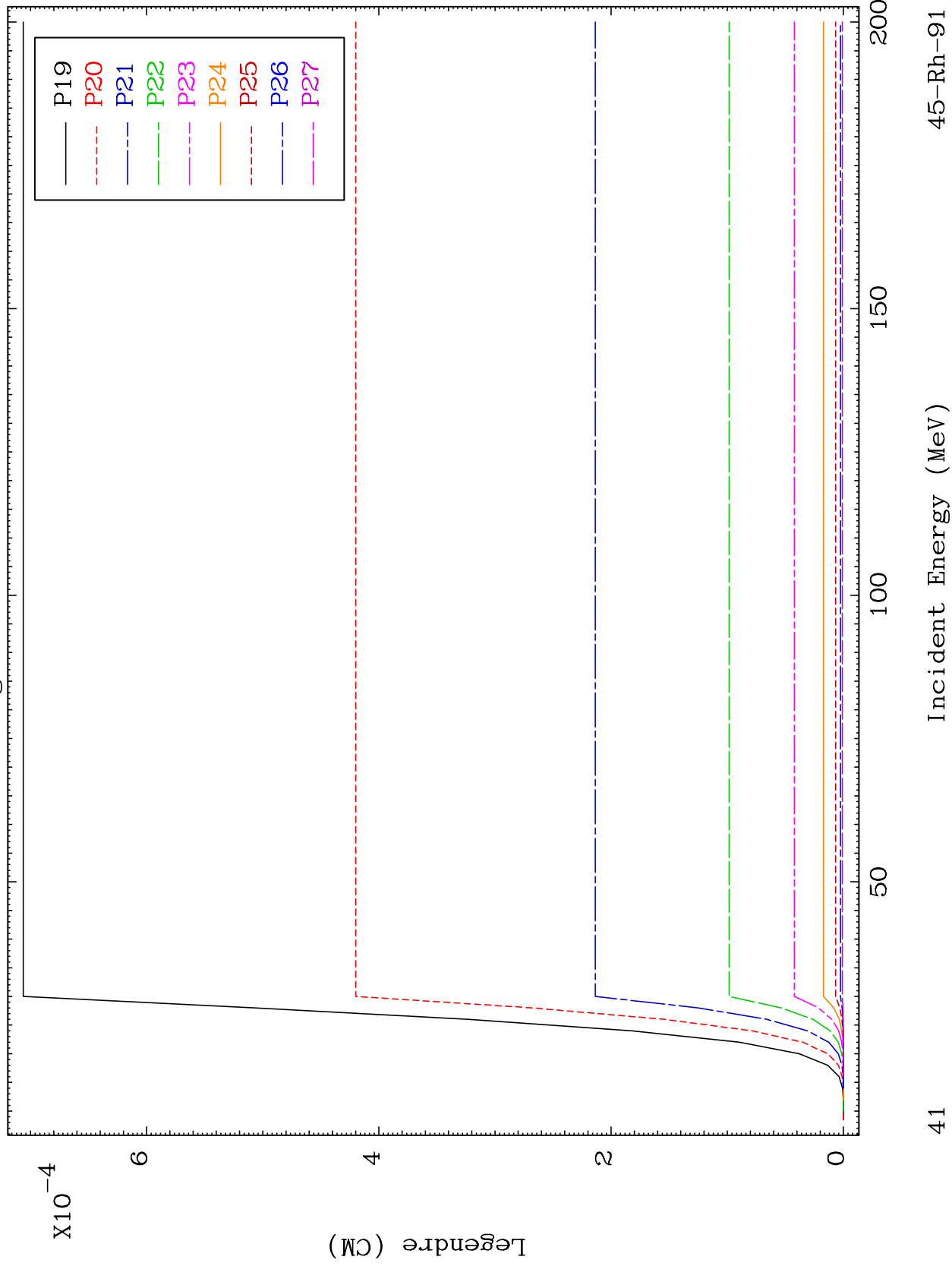
45-Rh-91



MAT 4489

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

45-Rh-91



41

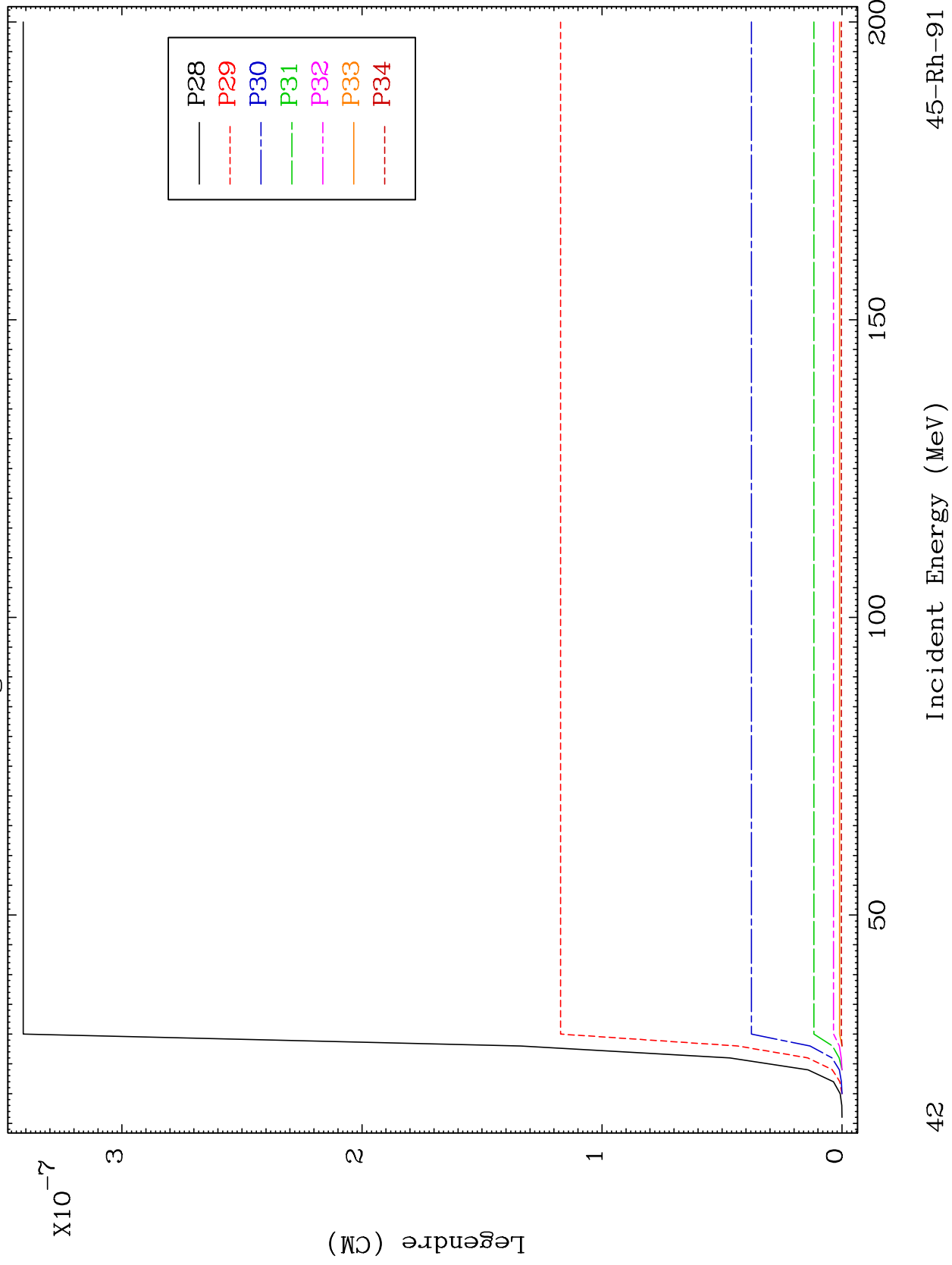
Incident Energy (MeV)

45-Rh-91

MAT 4489

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

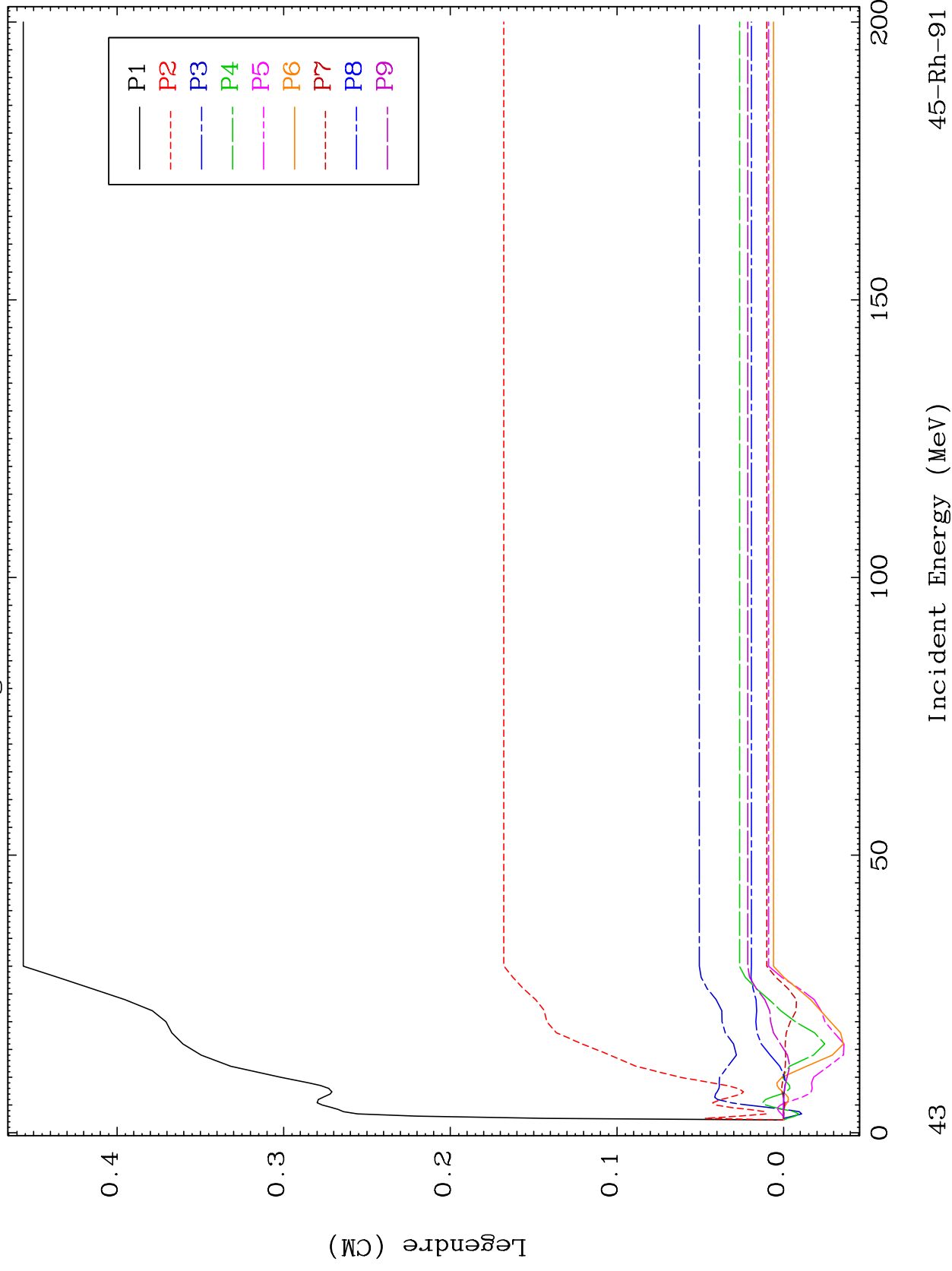
45-Rh-91



MAT 4489

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

45-Rh-91



43

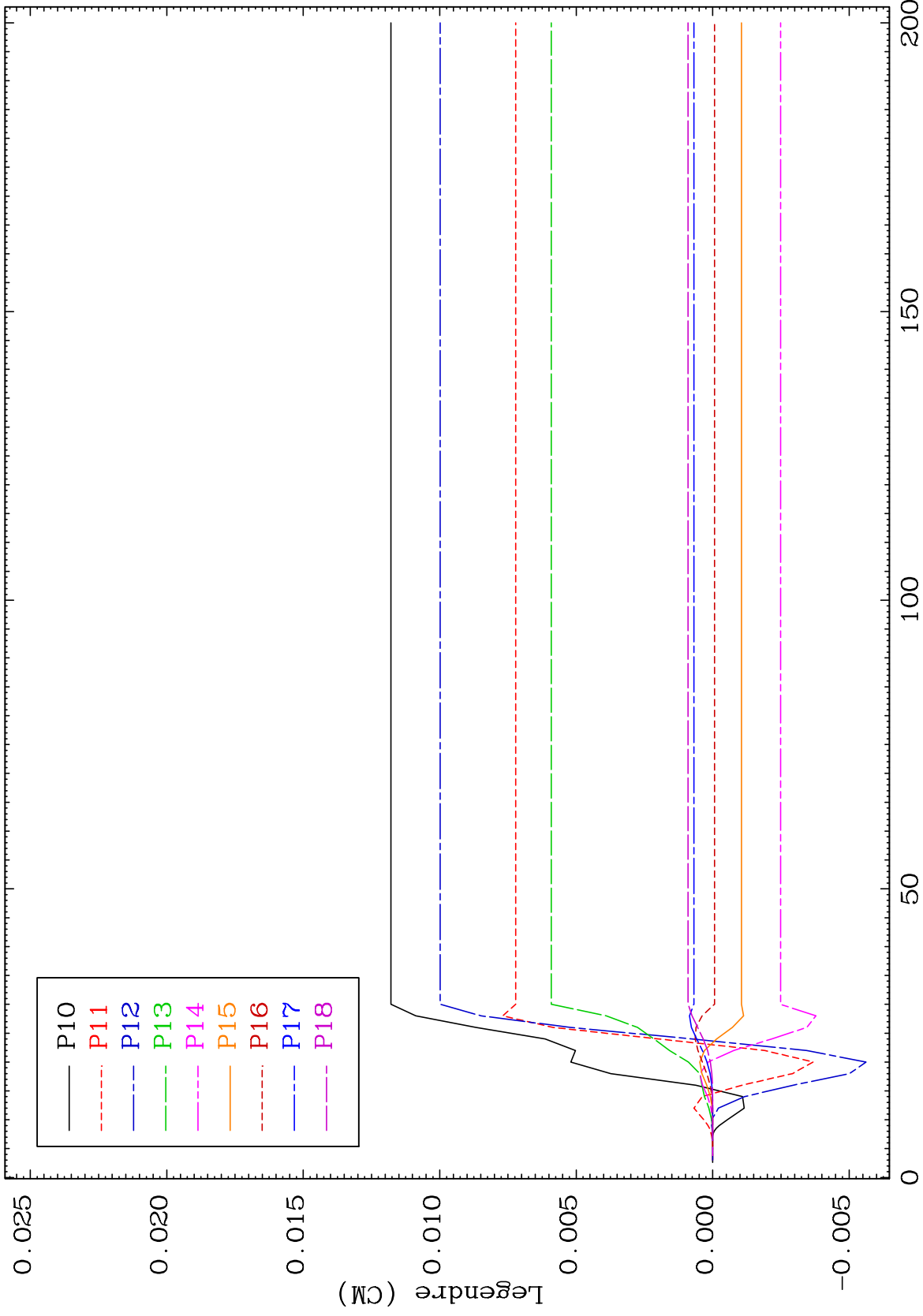
Incident Energy (MeV)

45-Rh-91

MAT 4489

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

45-Rh-91



44

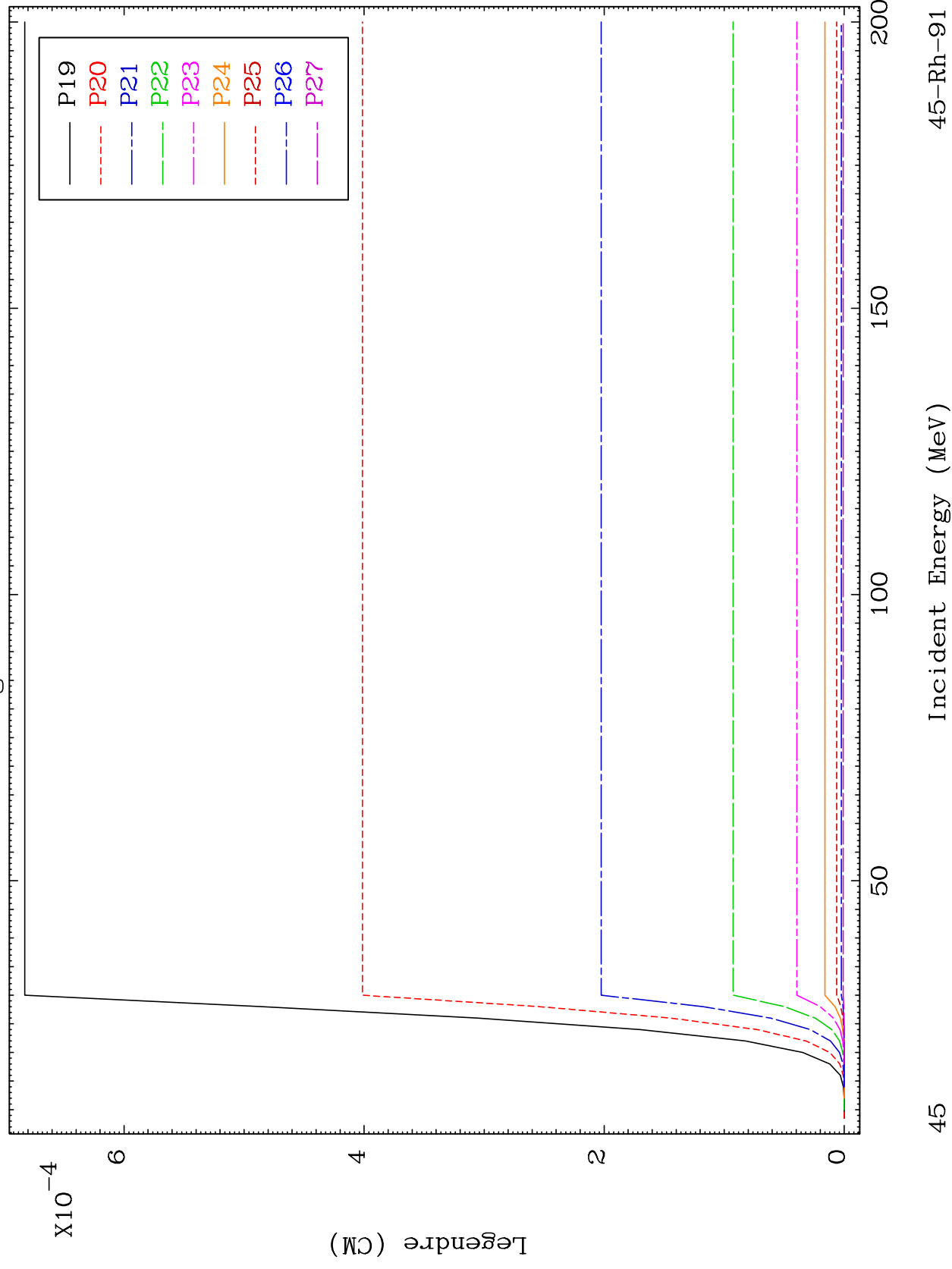
Incident Energy (MeV)

45-Rh-91

MAT 4489

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

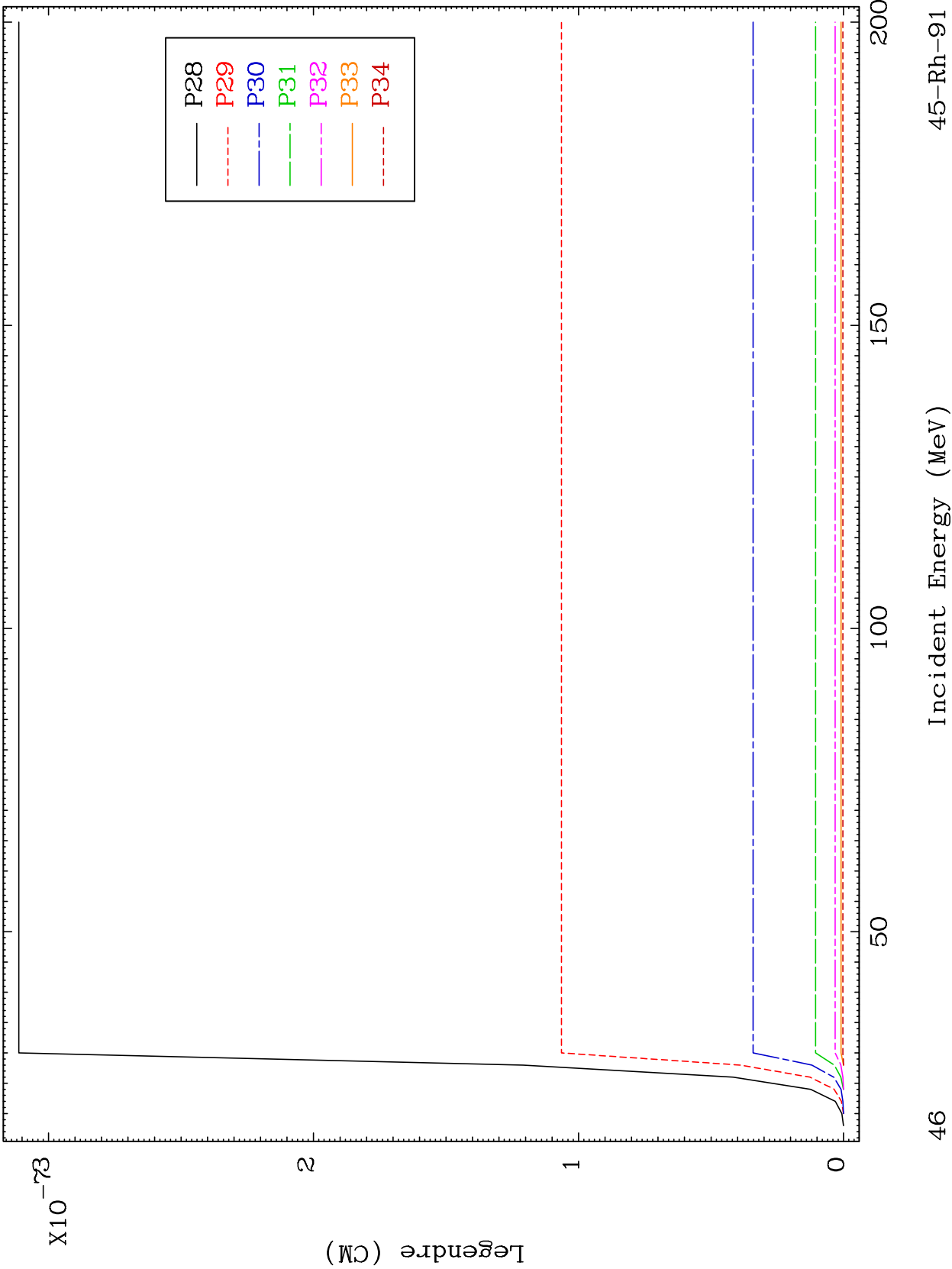
45-Rh-91



MAT 4489

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

45-Rh-91



46

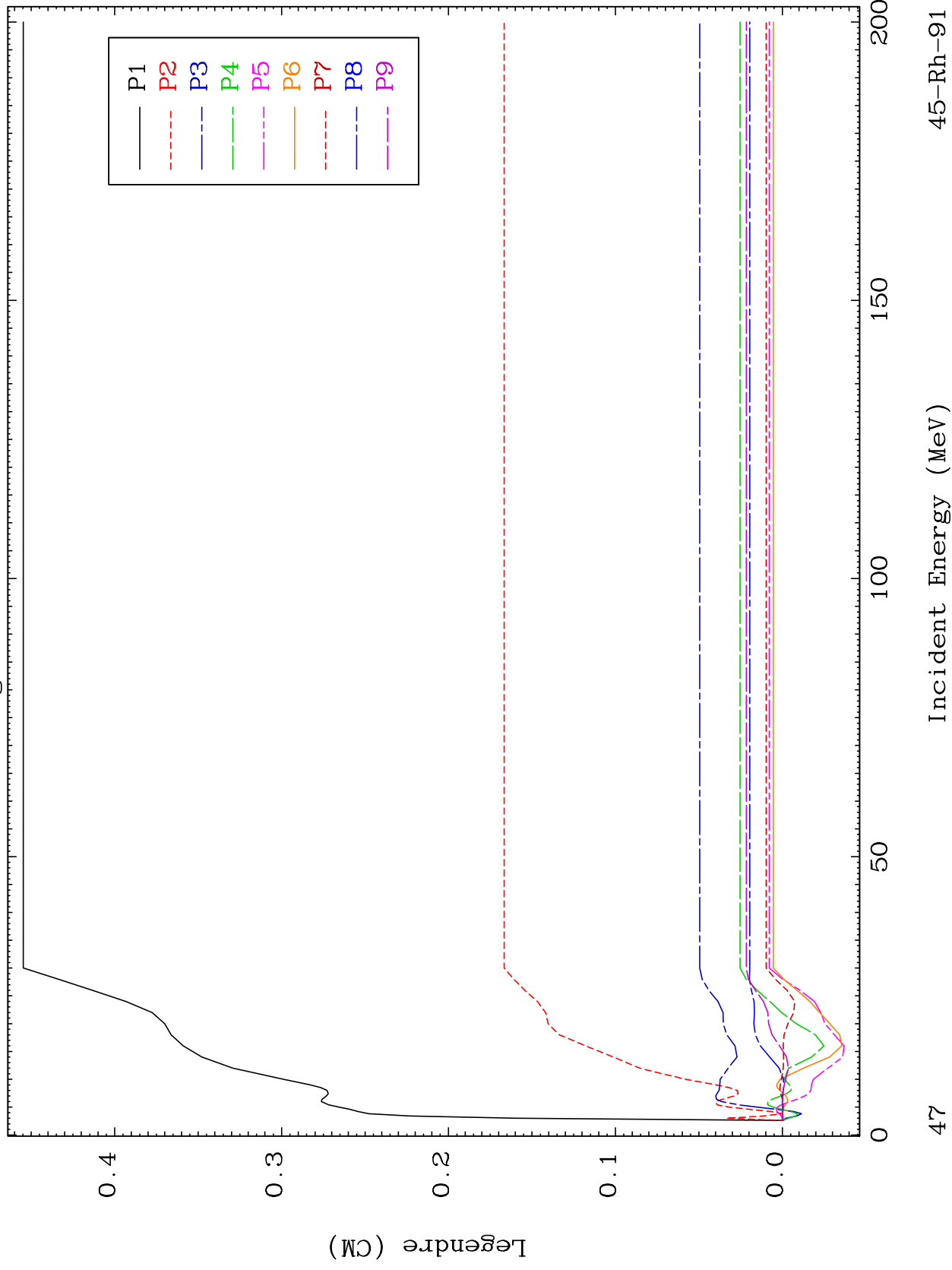
Incident Energy (MeV)

45-Rh-91

MAT 4489

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

45-Rh-91



47

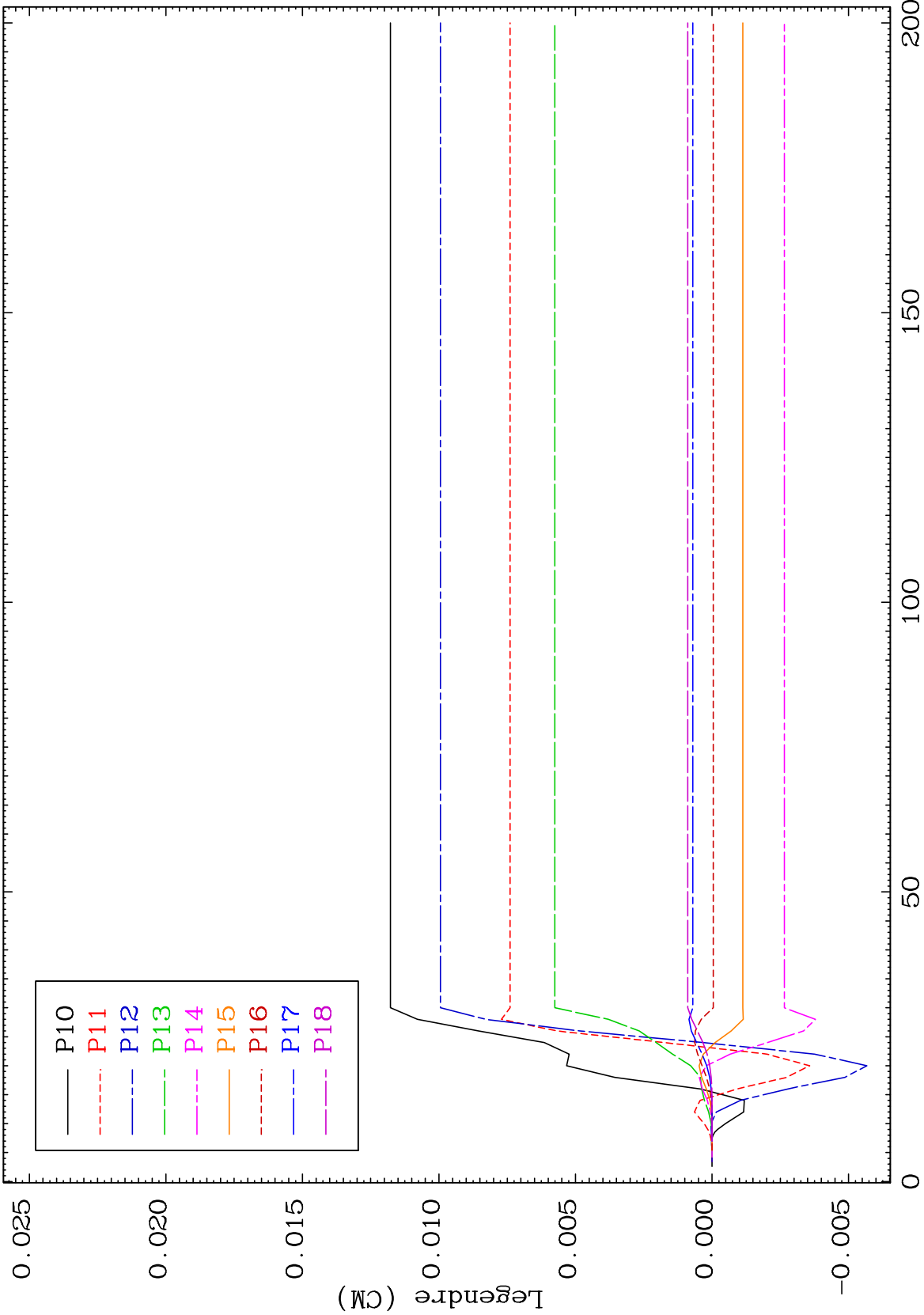
Incident Energy (MeV)

45-Rh-91

MAT 4489

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

45-Rh-91



48

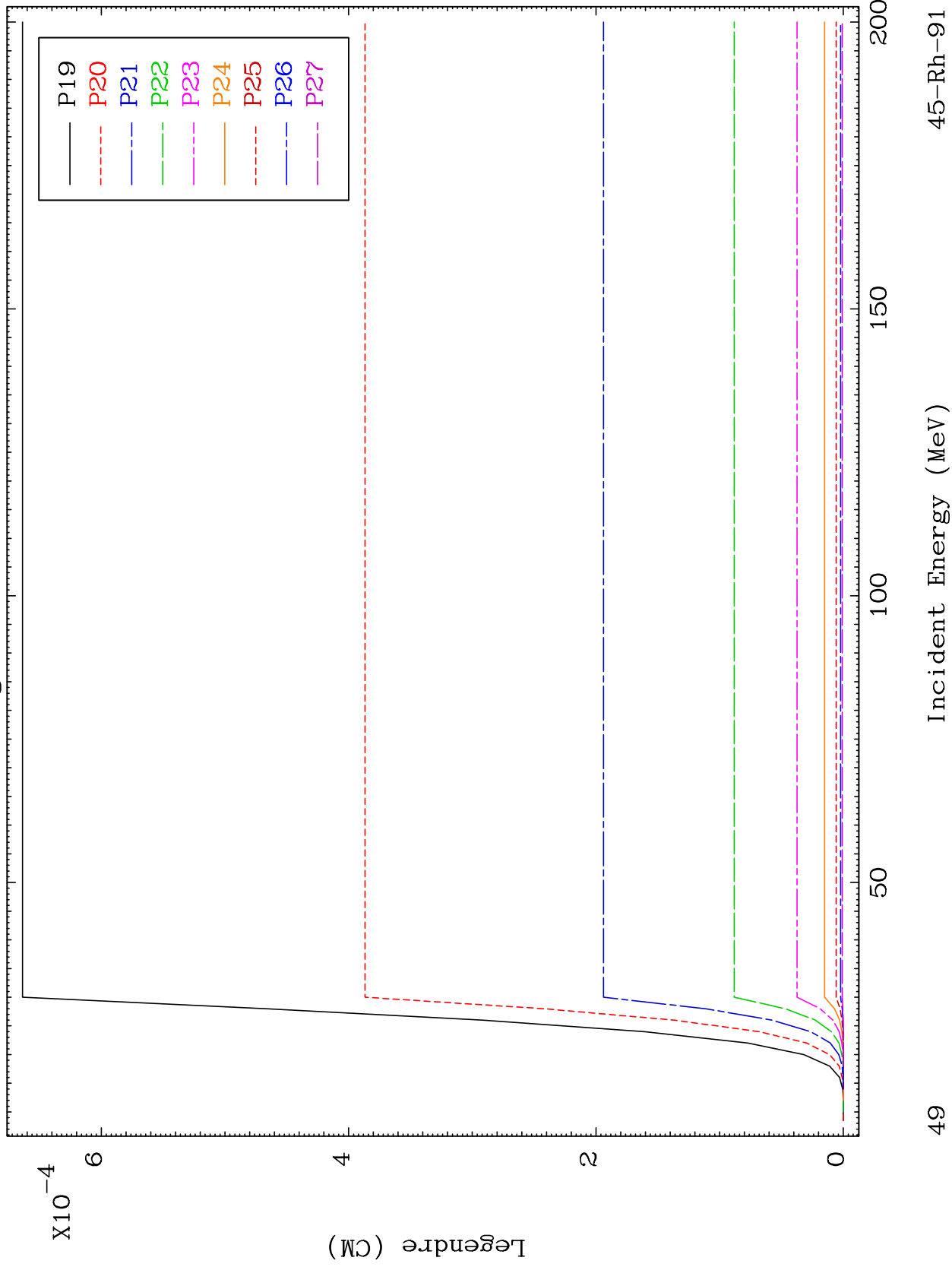
Incident Energy (MeV)

45-Rh-91

MAT 4489

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

45-Rh-91



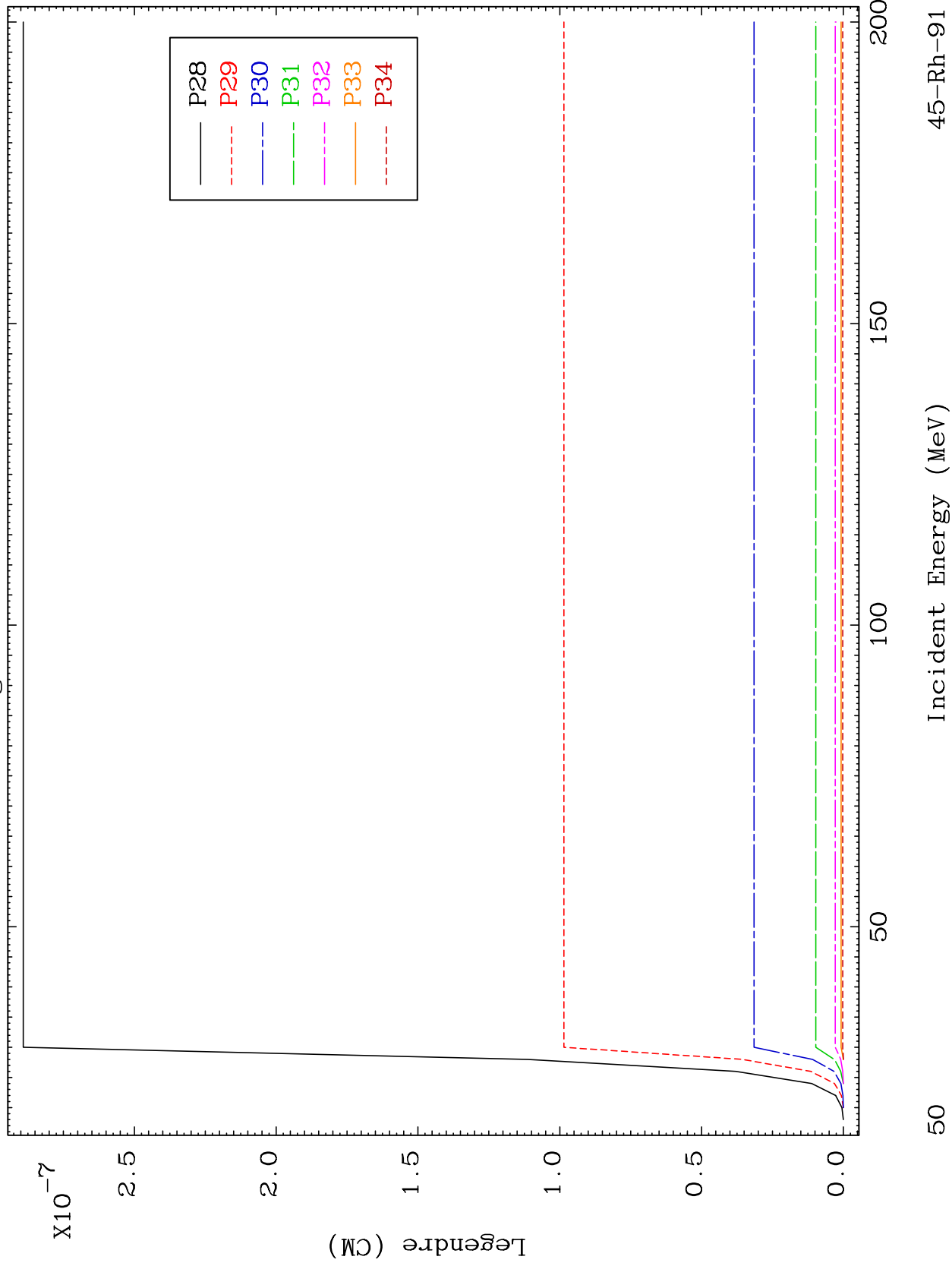
49

45-Rh-91

MAT 4489

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

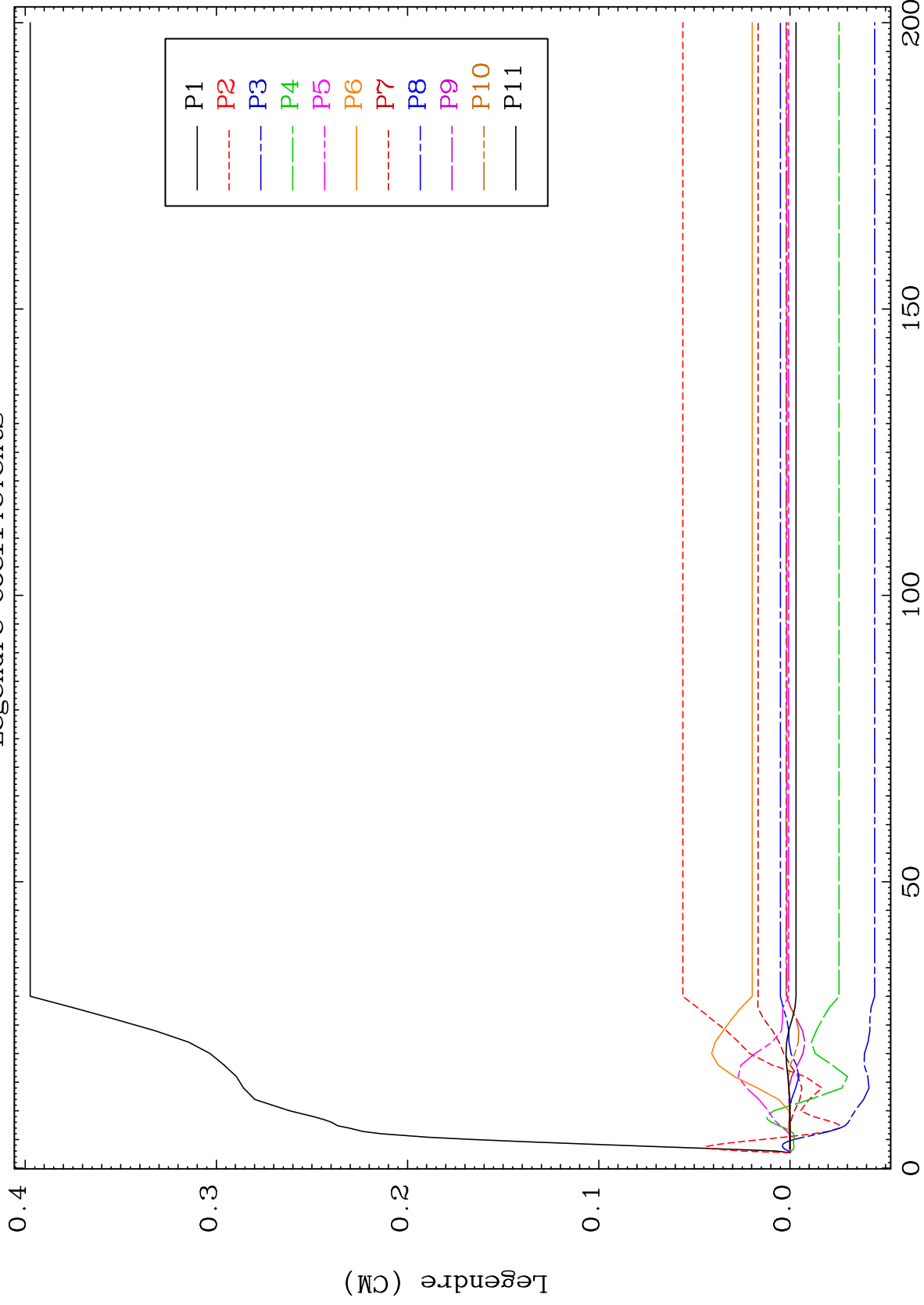
45-Rh-91



MAT 4489

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

45-Rh-91



51

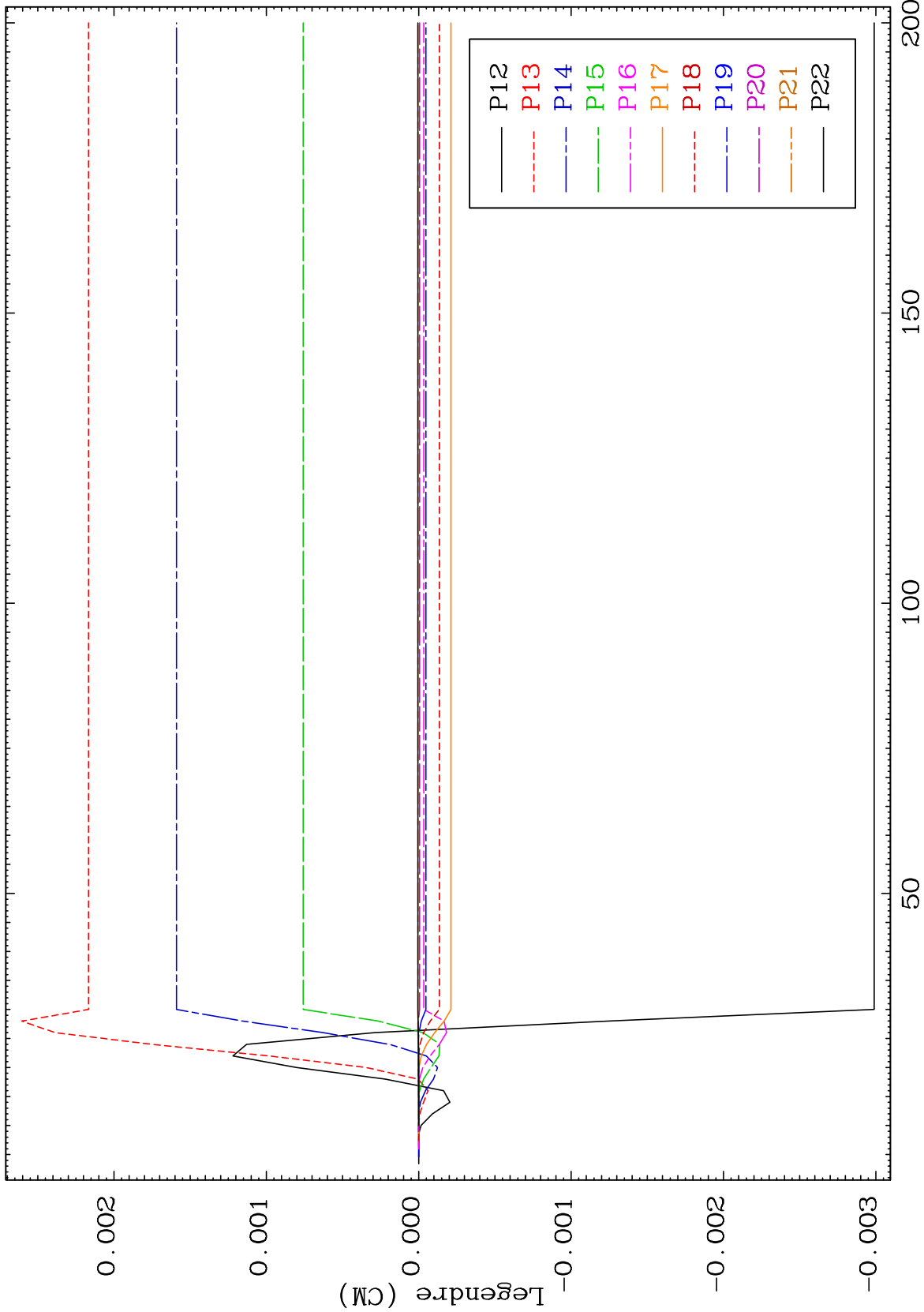
Incident Energy (MeV)

45-Rh-91

MAT 4489

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

45-Rh-91



52

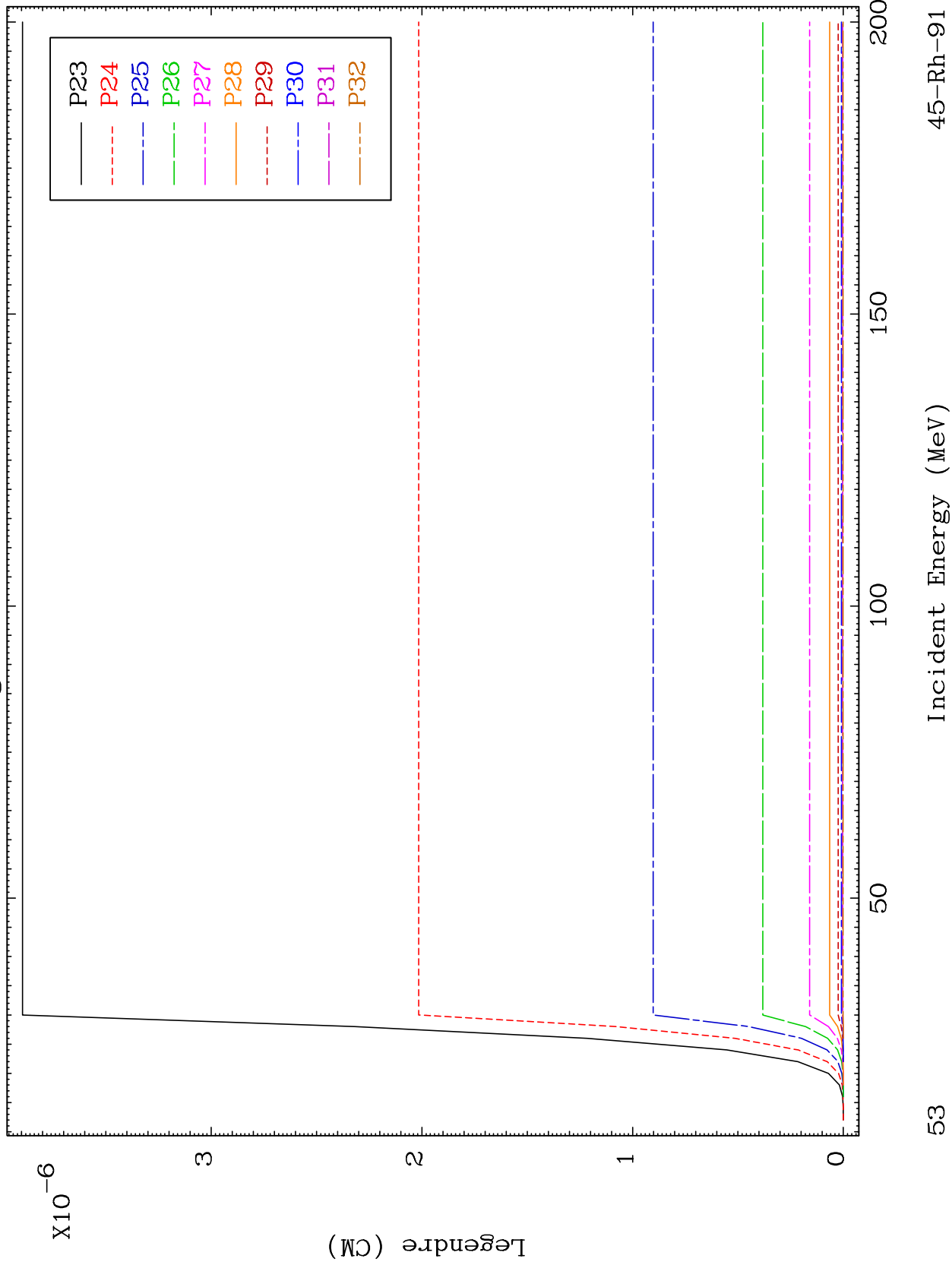
Incident Energy (MeV)

45-Rh-91

MAT 4489

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

45-Rh-91



53

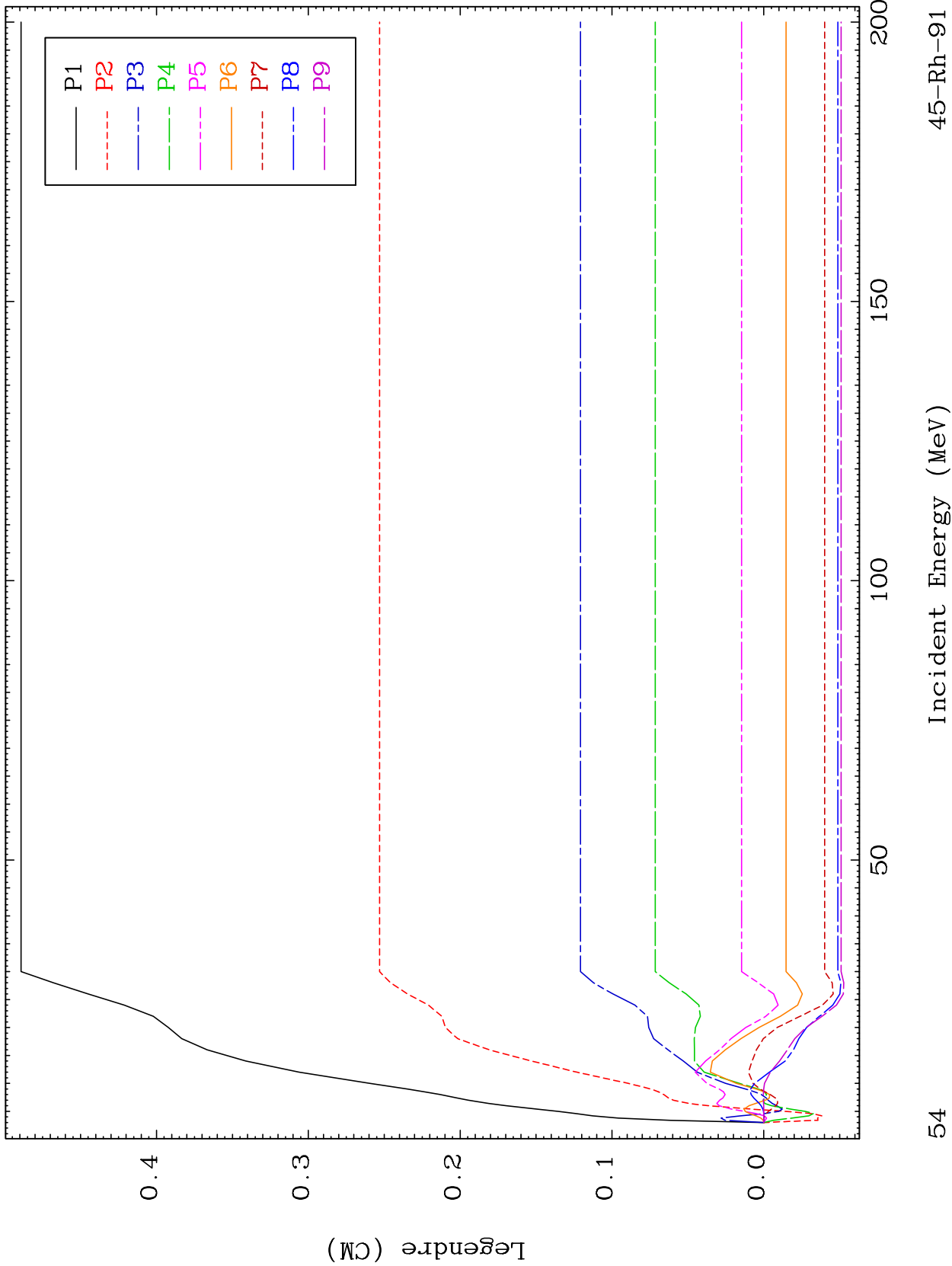
Incident Energy (MeV)

45-Rh-91

MAT 4489

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

45-Rh-91



54

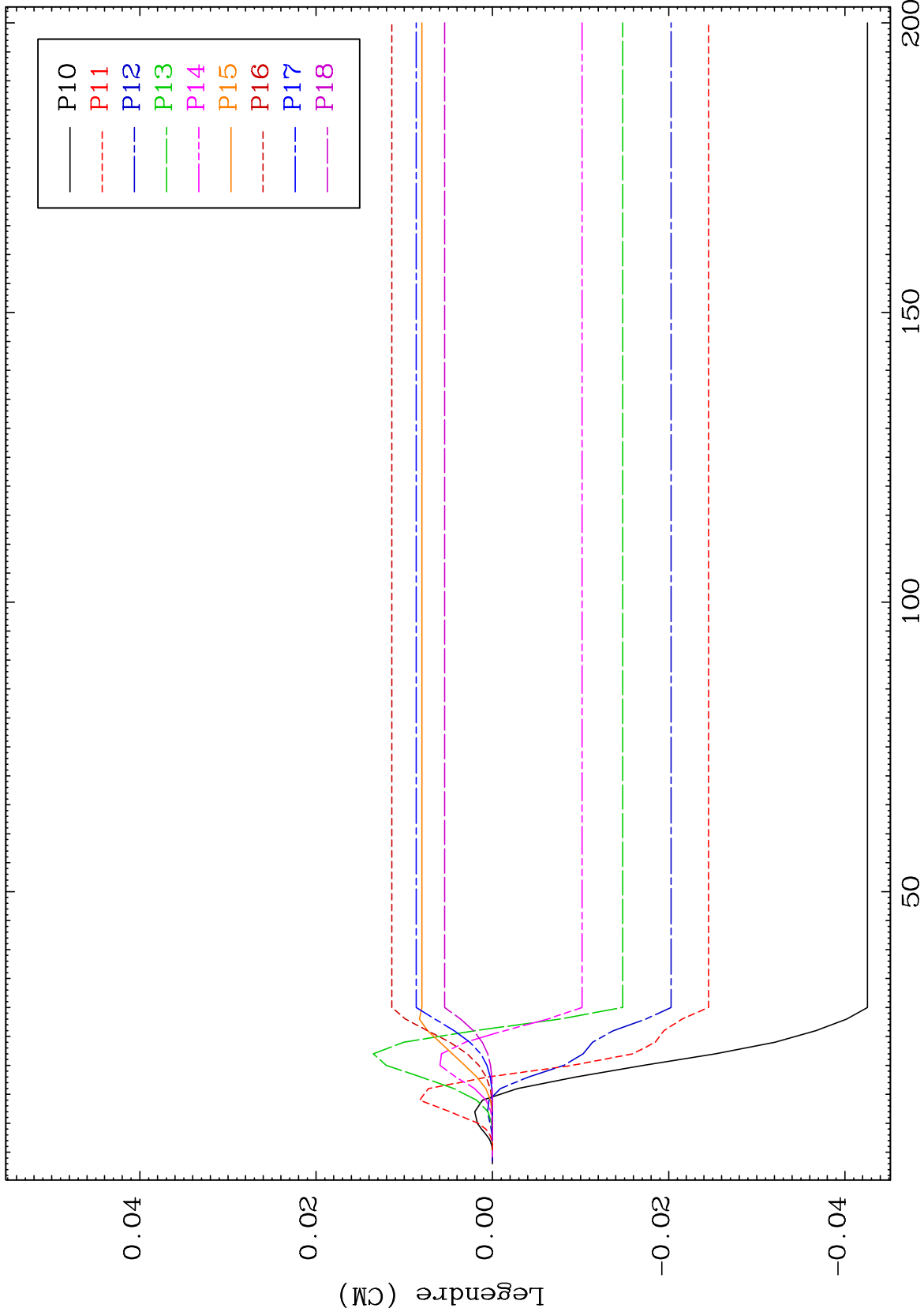
Incident Energy (MeV)

45-Rh-91

MAT 4489

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

45-Rh-91



55

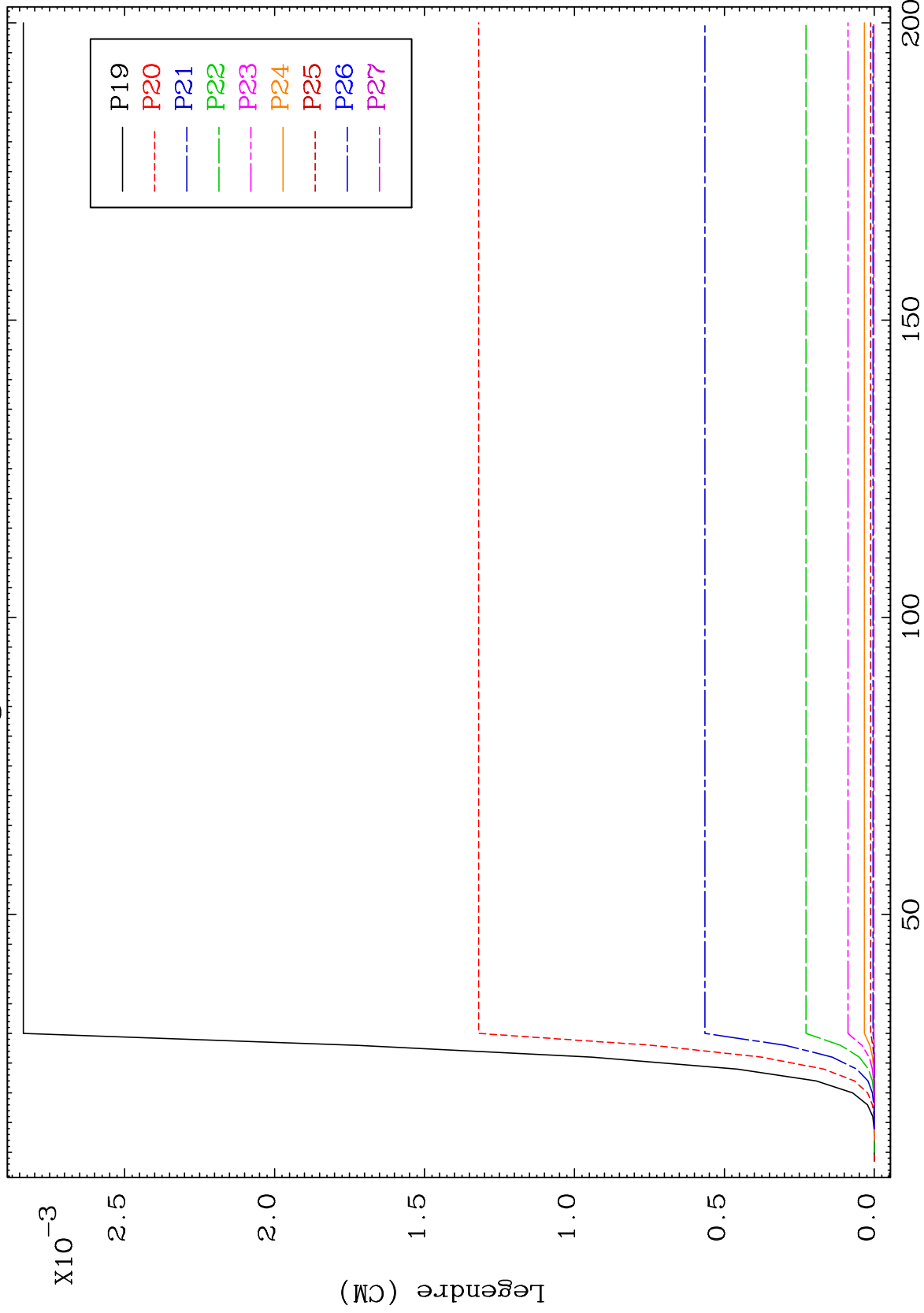
Incident Energy (MeV)

45-Rh-91

MAT 4489

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

45-Rh-91



56

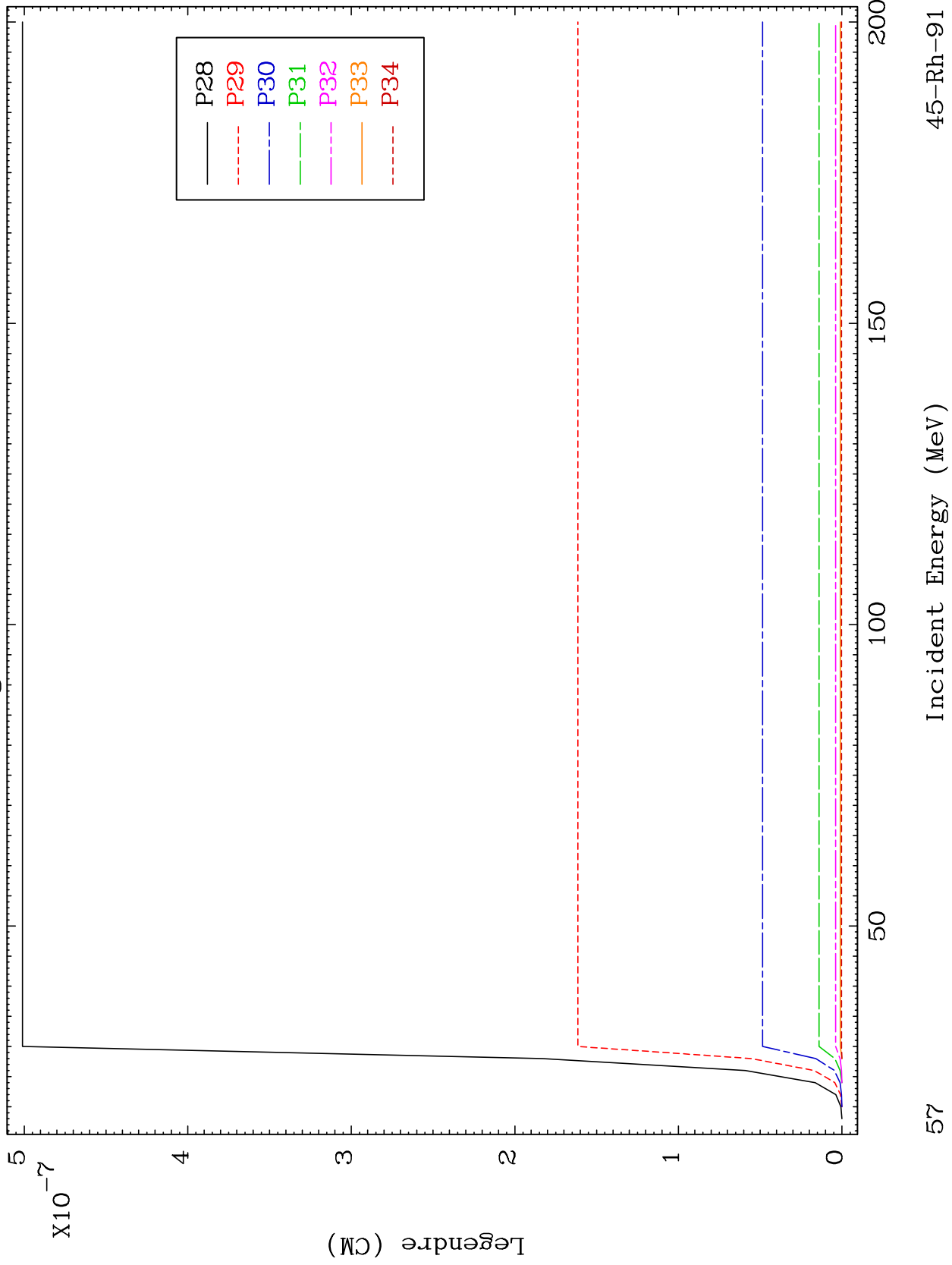
Incident Energy (MeV)

45-Rh-91

MAT 4489

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

45-Rh-91

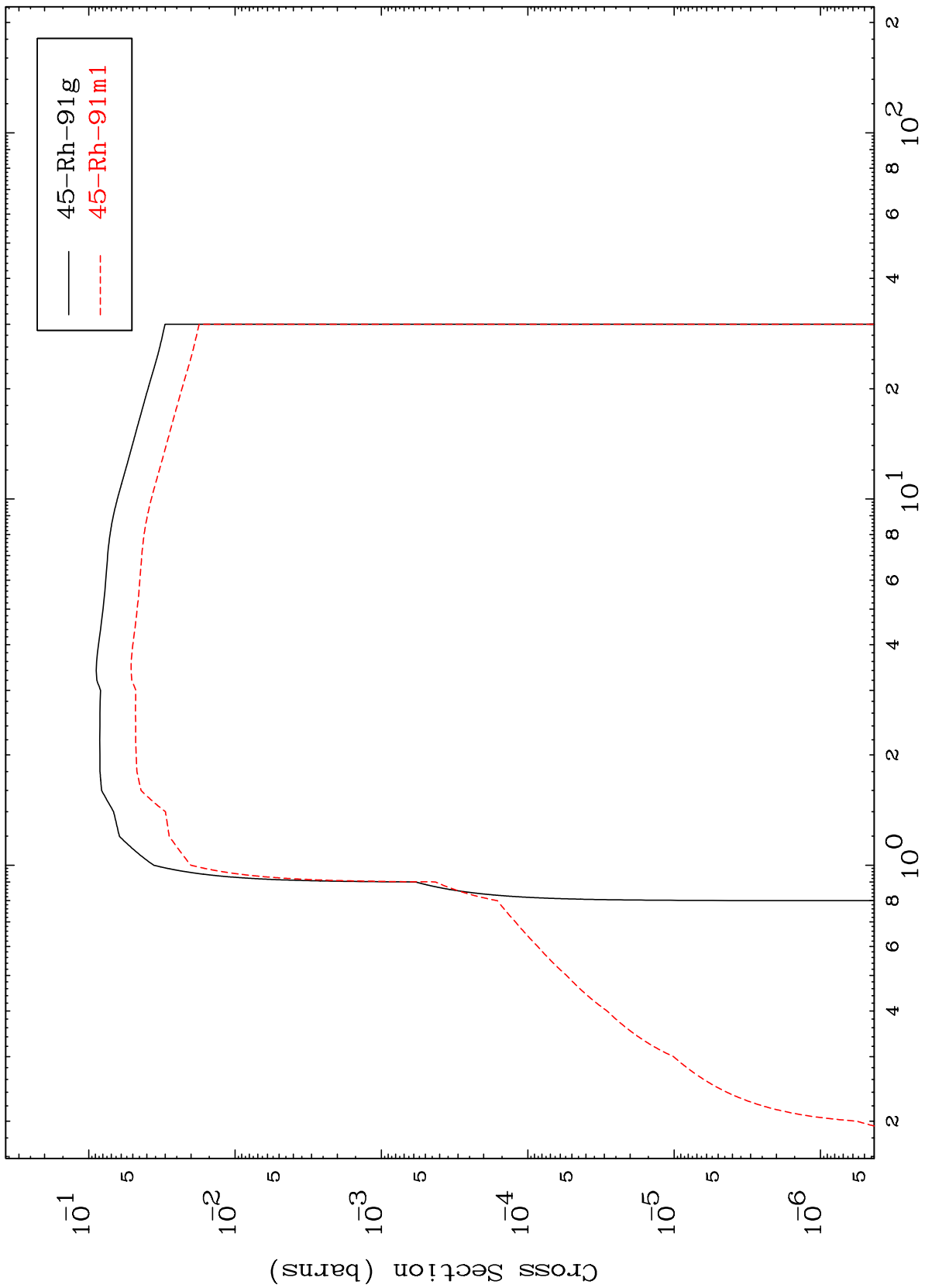


57

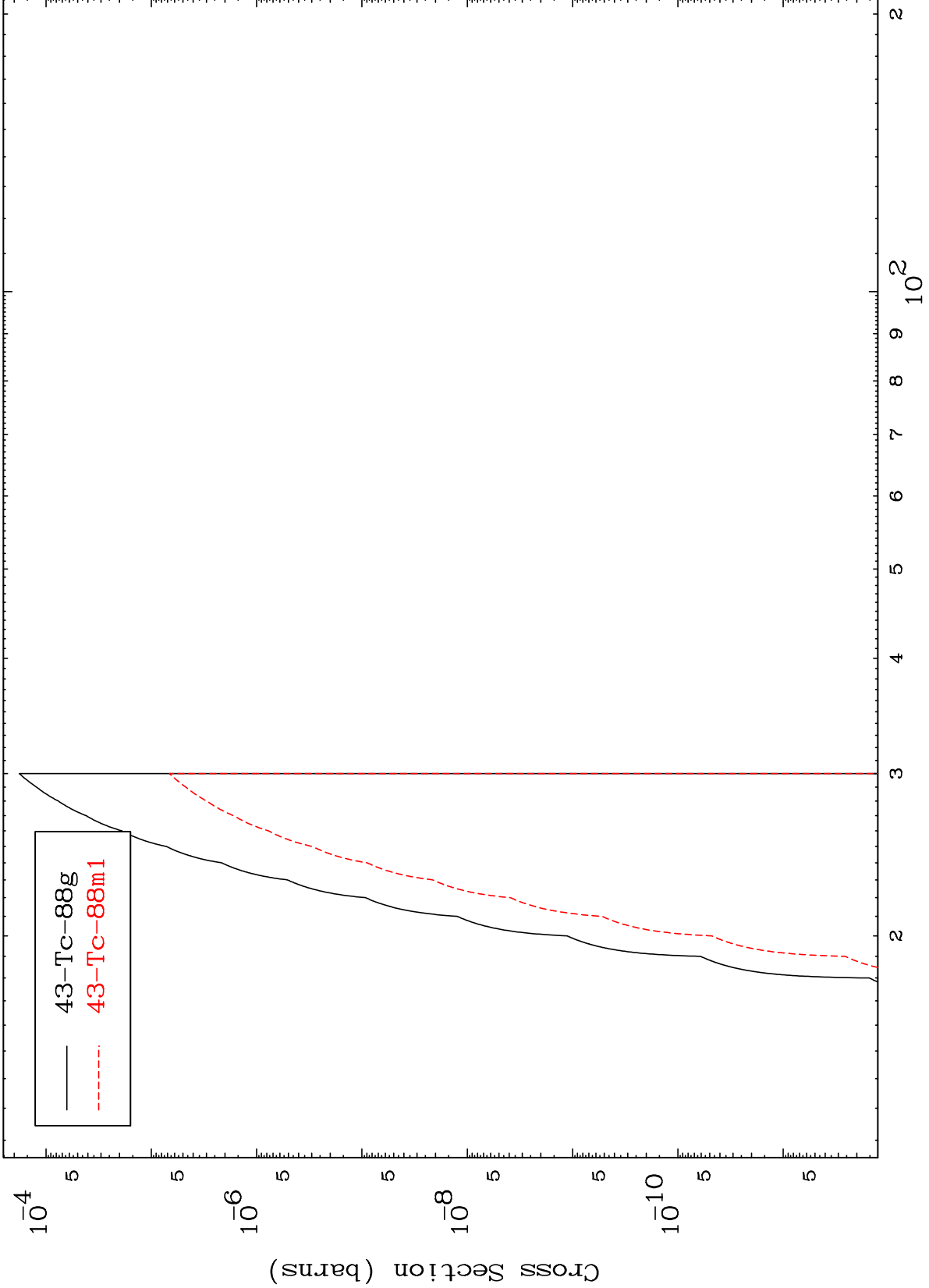
Incident Energy (MeV)

45-Rh-91

Inelastic
Radionuclide Production Cross Section



Radionuclide Production Cross Section

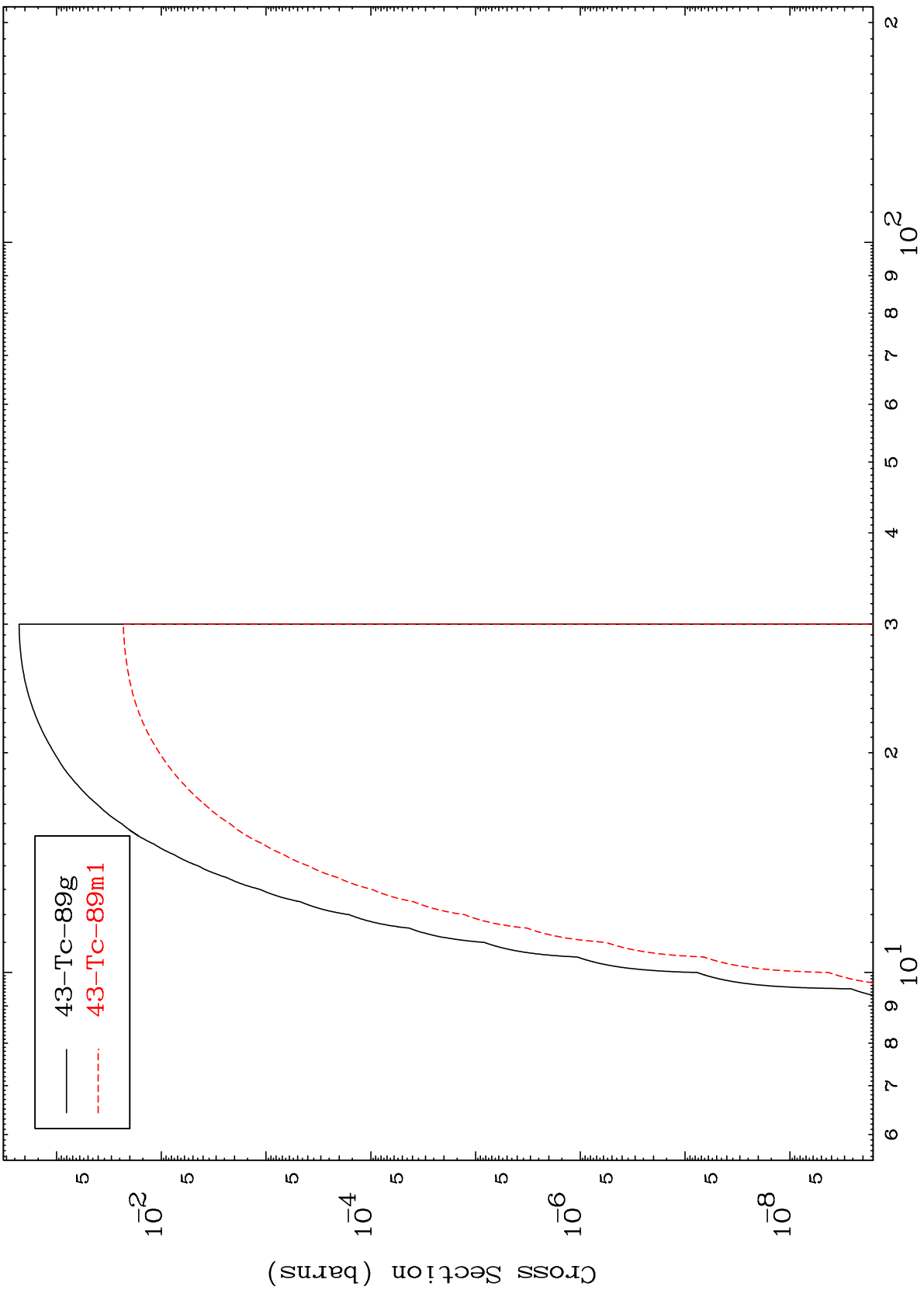


MAT 4489

(n,2n) p

45-Rh-91

Radionuclide Production Cross Section



43-Tc-89g
43-Tc-89m1

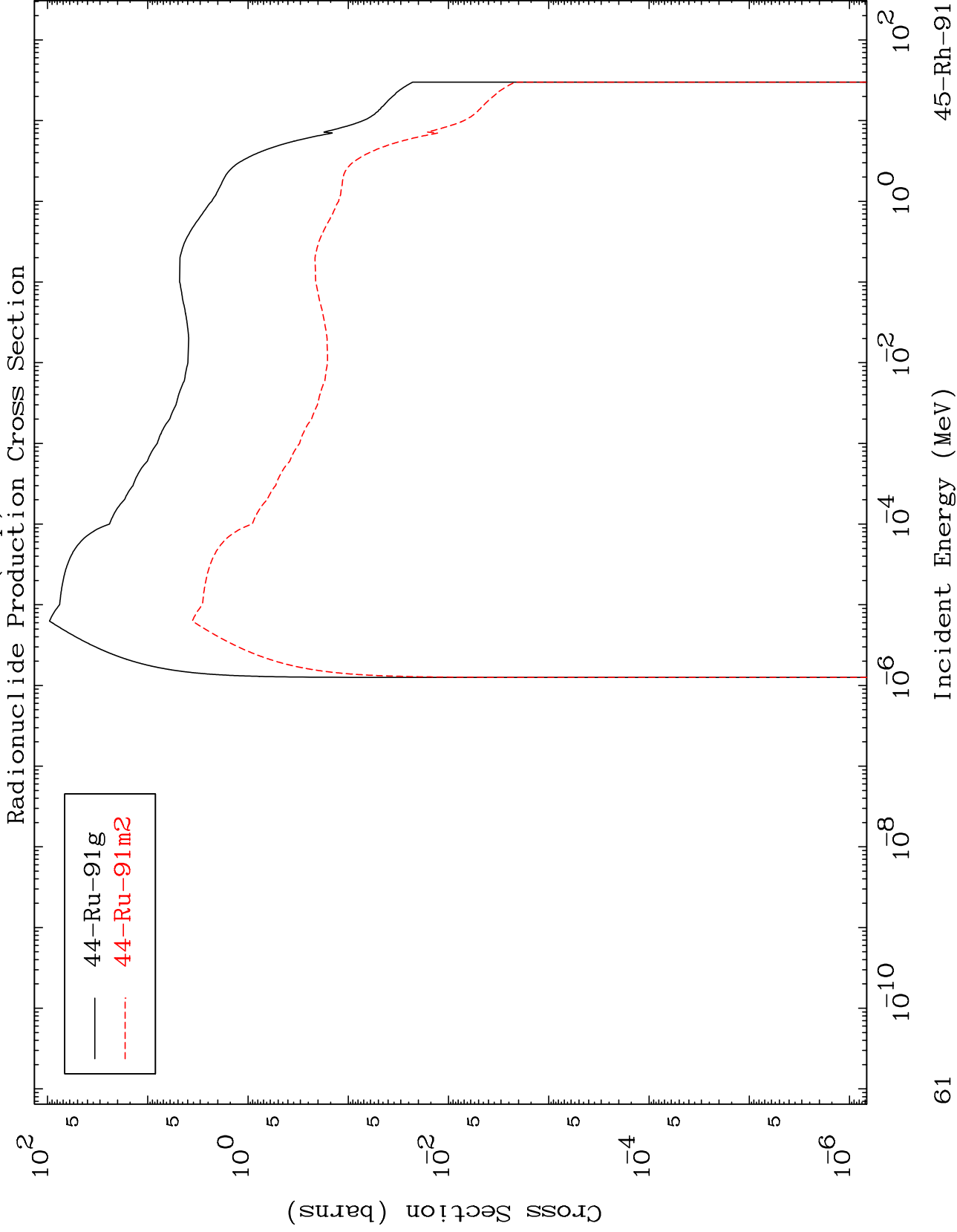
60

Incident Energy (MeV)

45-Rh-91

MAT 4489

45-Rh-91

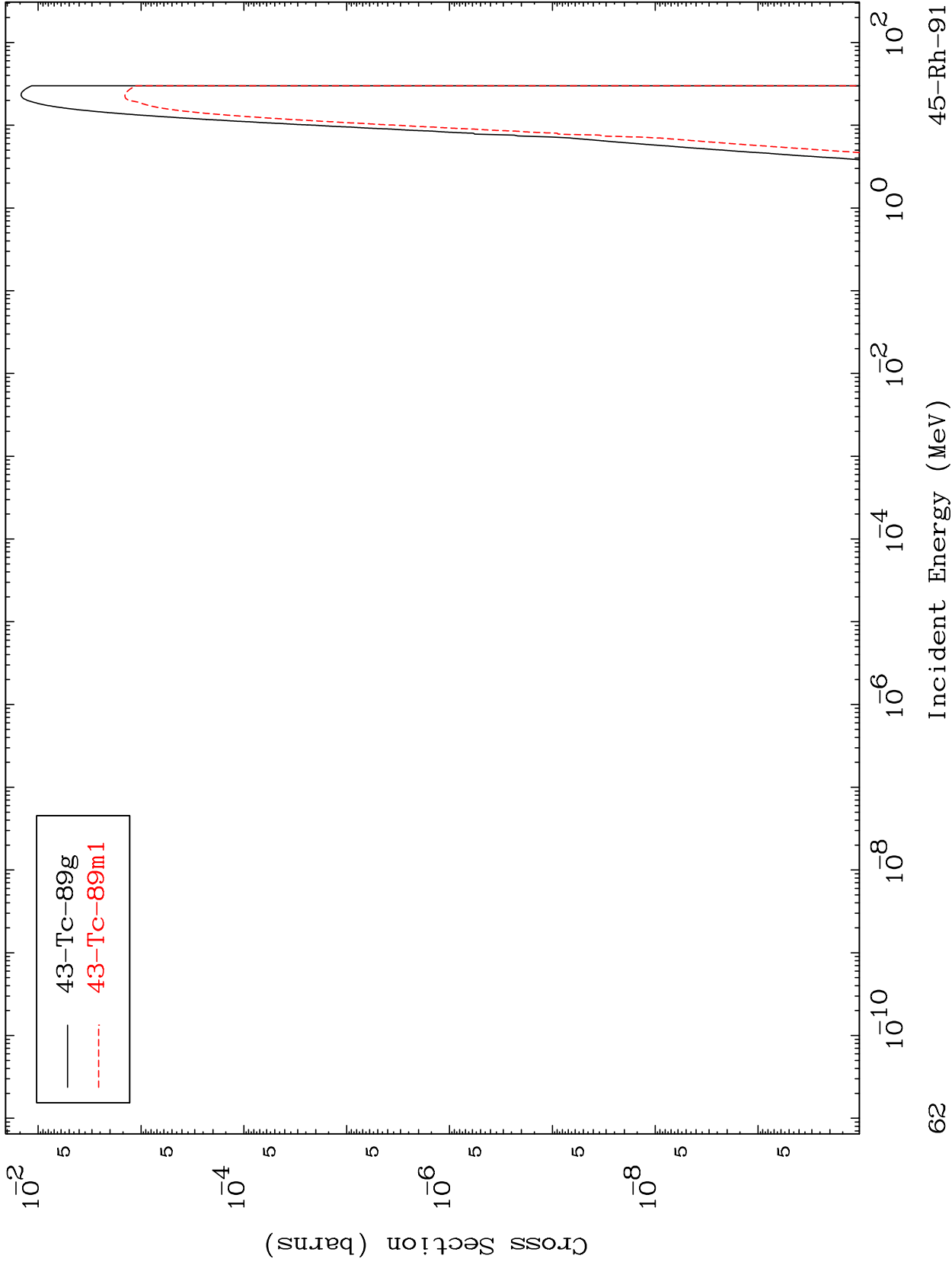


MAT 4489

(n,He-3)

45-Rh-91

Radionuclide Production Cross Section



— 43-Tc-89g
- - - 43-Tc-89m1

62

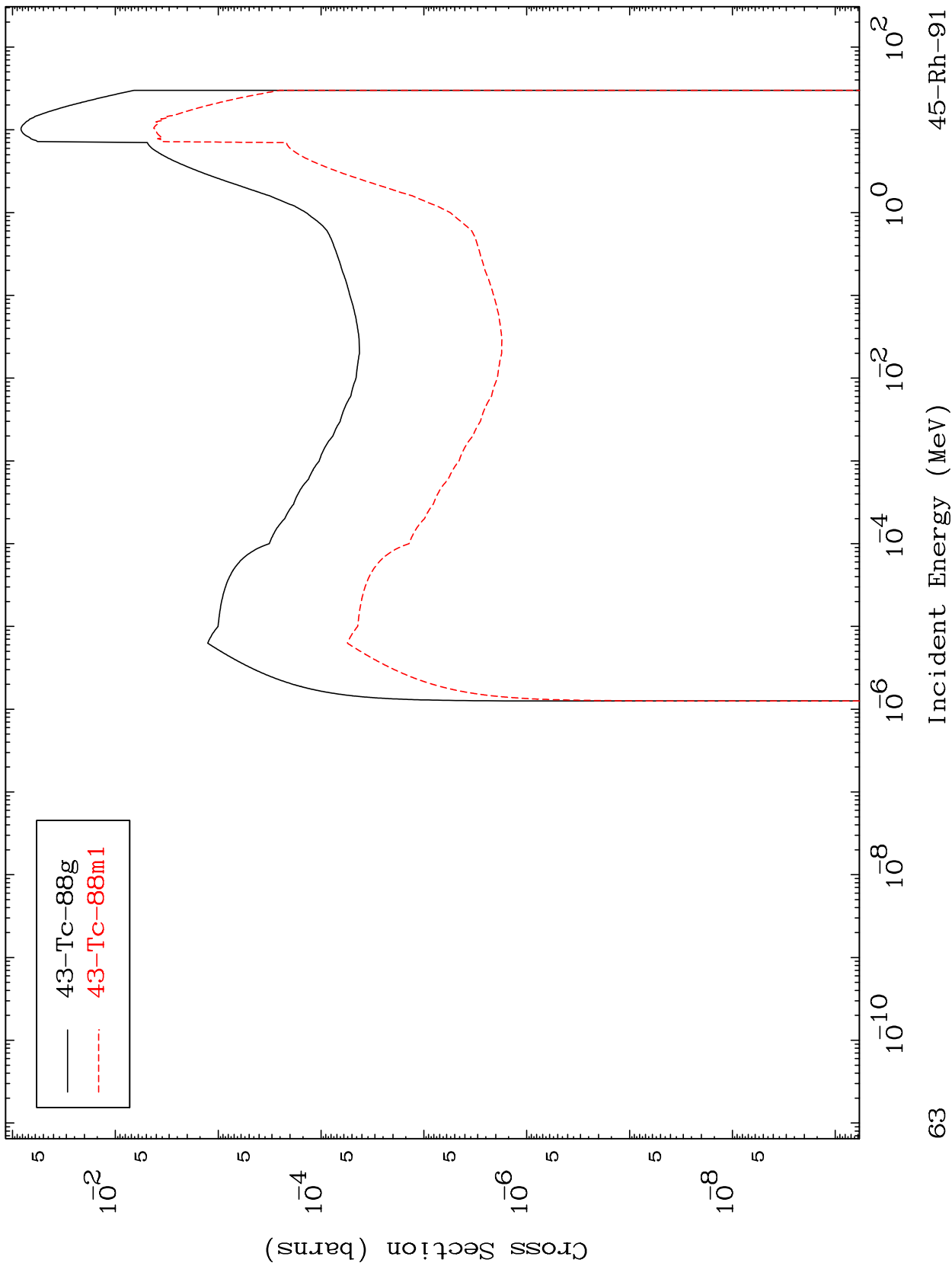
Incident Energy (MeV)

45-Rh-91

MAT 4489

45-Rh-91

(n, α)
Radionuclide Production Cross Section



— 43-Tc-88g
- - - 43-Tc-88m1

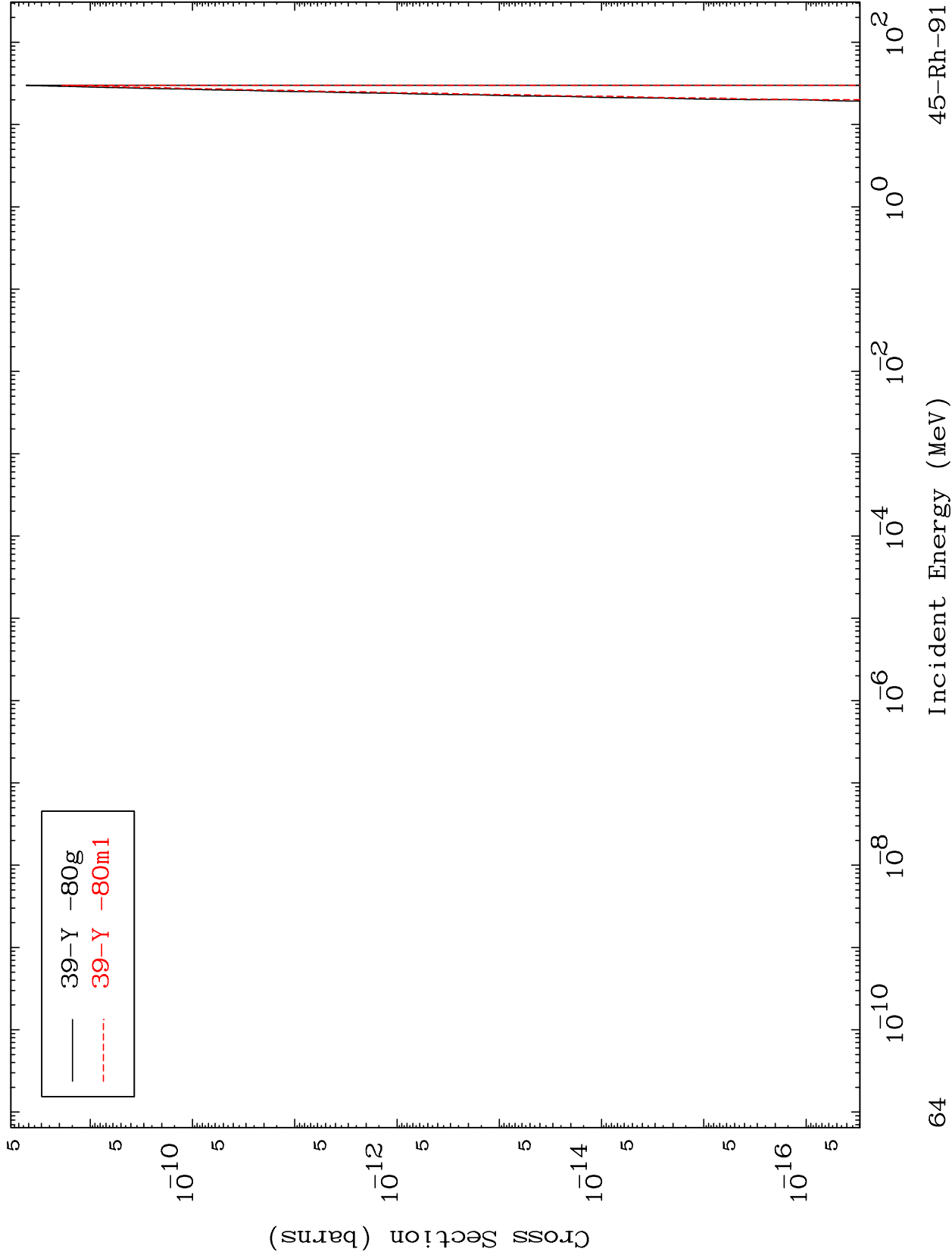
63

45-Rh-91

MAT 4489

45-Rh-91

(n,3 α)
Radionuclide Production Cross Section



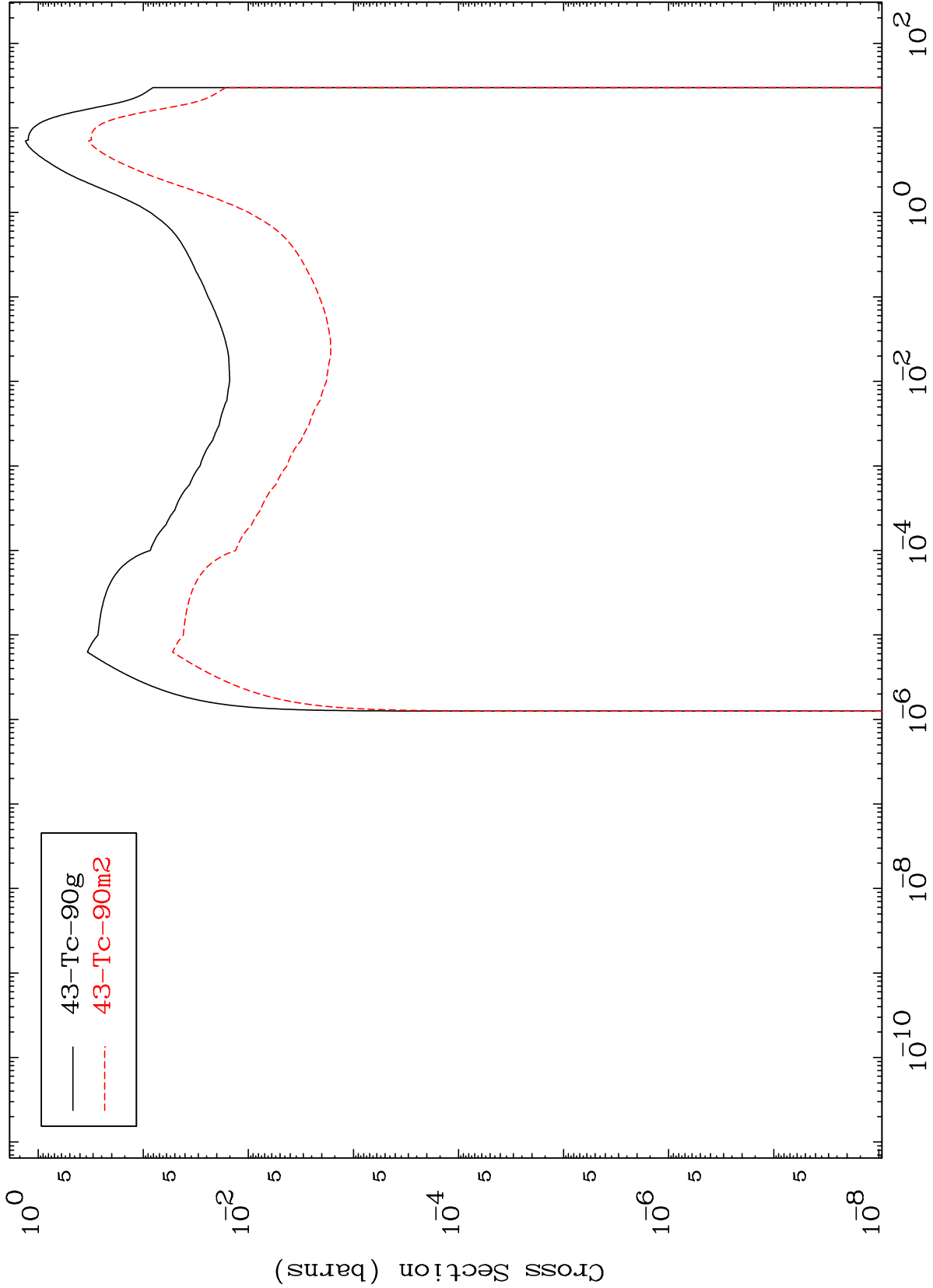
64

45-Rh-91

MAT 4489

45-Rh-91

(n,2p)
Radionuclide Production Cross Section



65

45-Rh-91

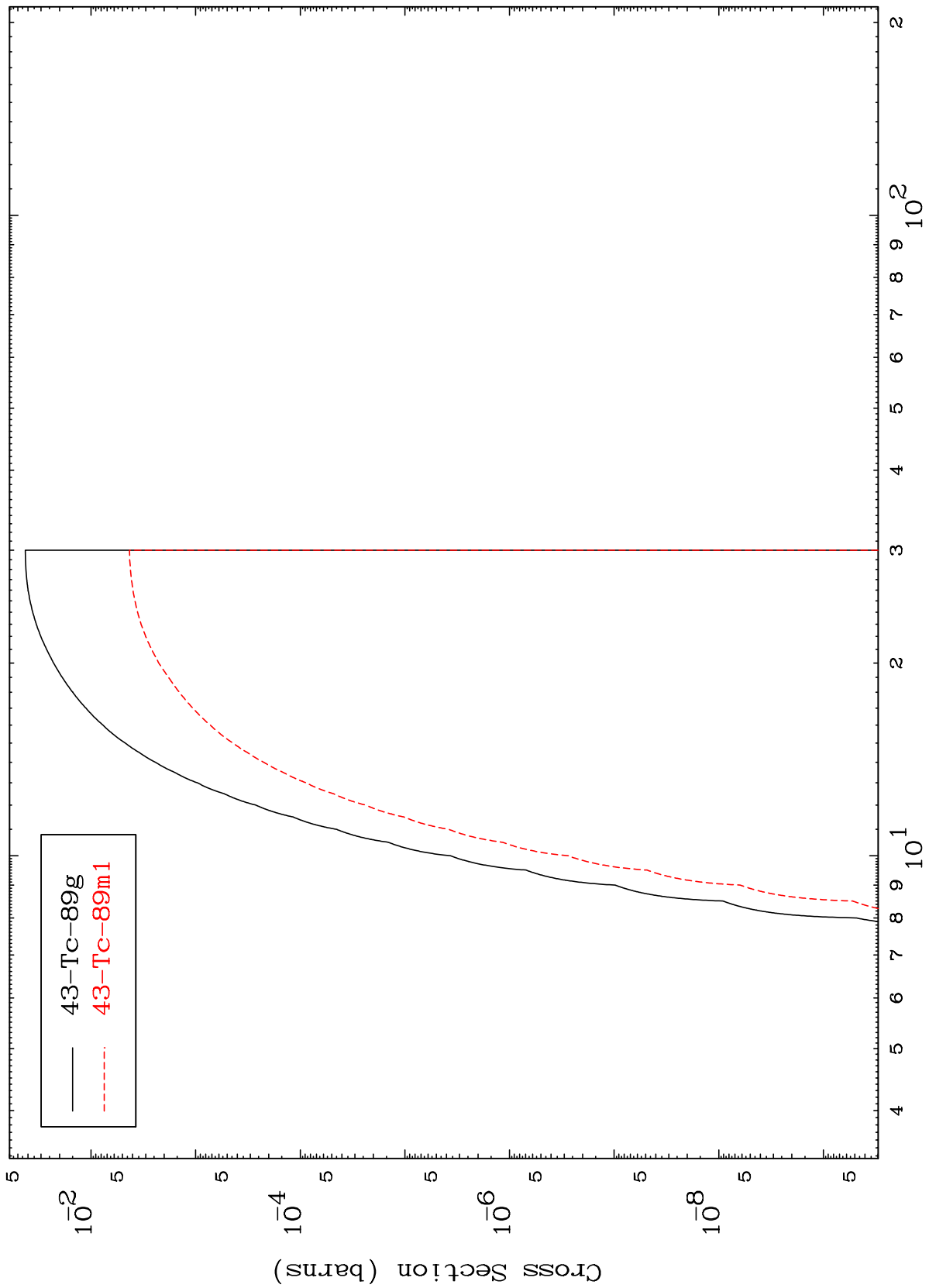
Incident Energy (MeV)

MAT 4489

(n,p) d

45-Rh-91

Radionuclide Production Cross Section



— 43-Tc-89g
- - - 43-Tc-89m1

66

Incident Energy (MeV)

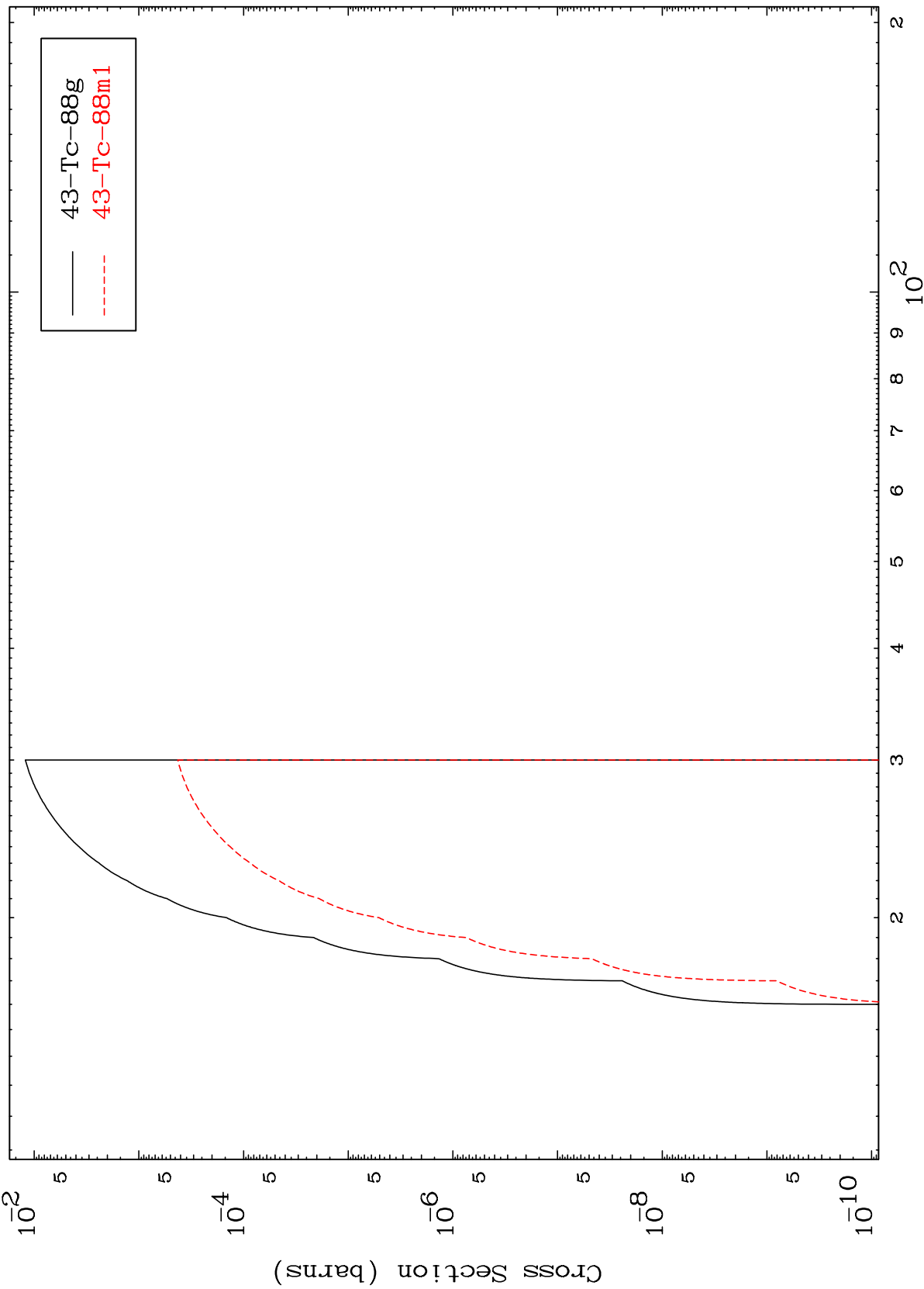
45-Rh-91

MAT 4489

(n,p) t

45-Rh-91

Radionuclide Production Cross Section



67

Incident Energy (MeV)

45-Rh-91