

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

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

Tele: 925-443-1911

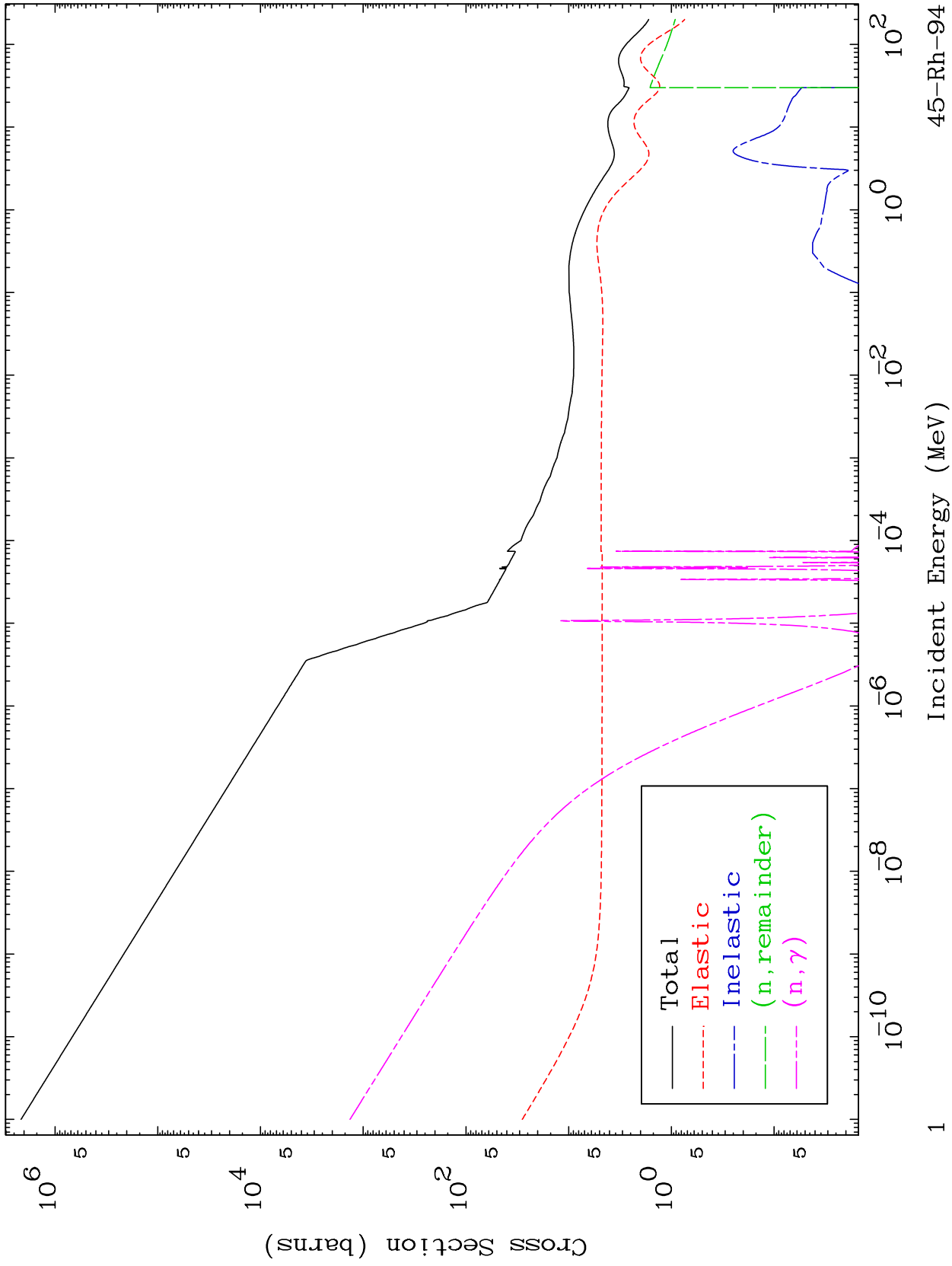
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4498

Major
293 Kelvin Cross Sections

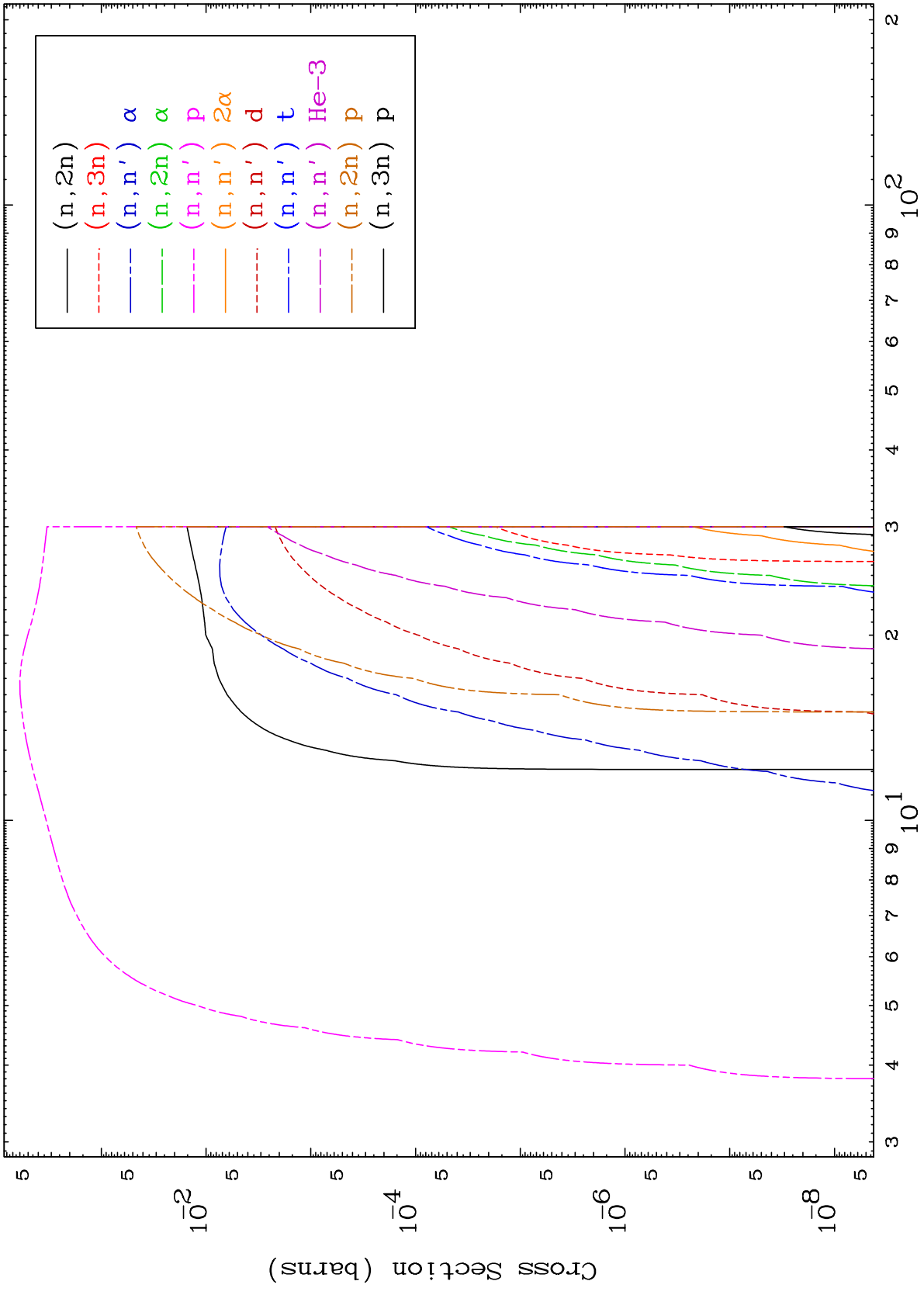
45-Rh-94



MAT 4498

Neutron Production
293 Kelvin Cross Sections

45-Rh-94



2

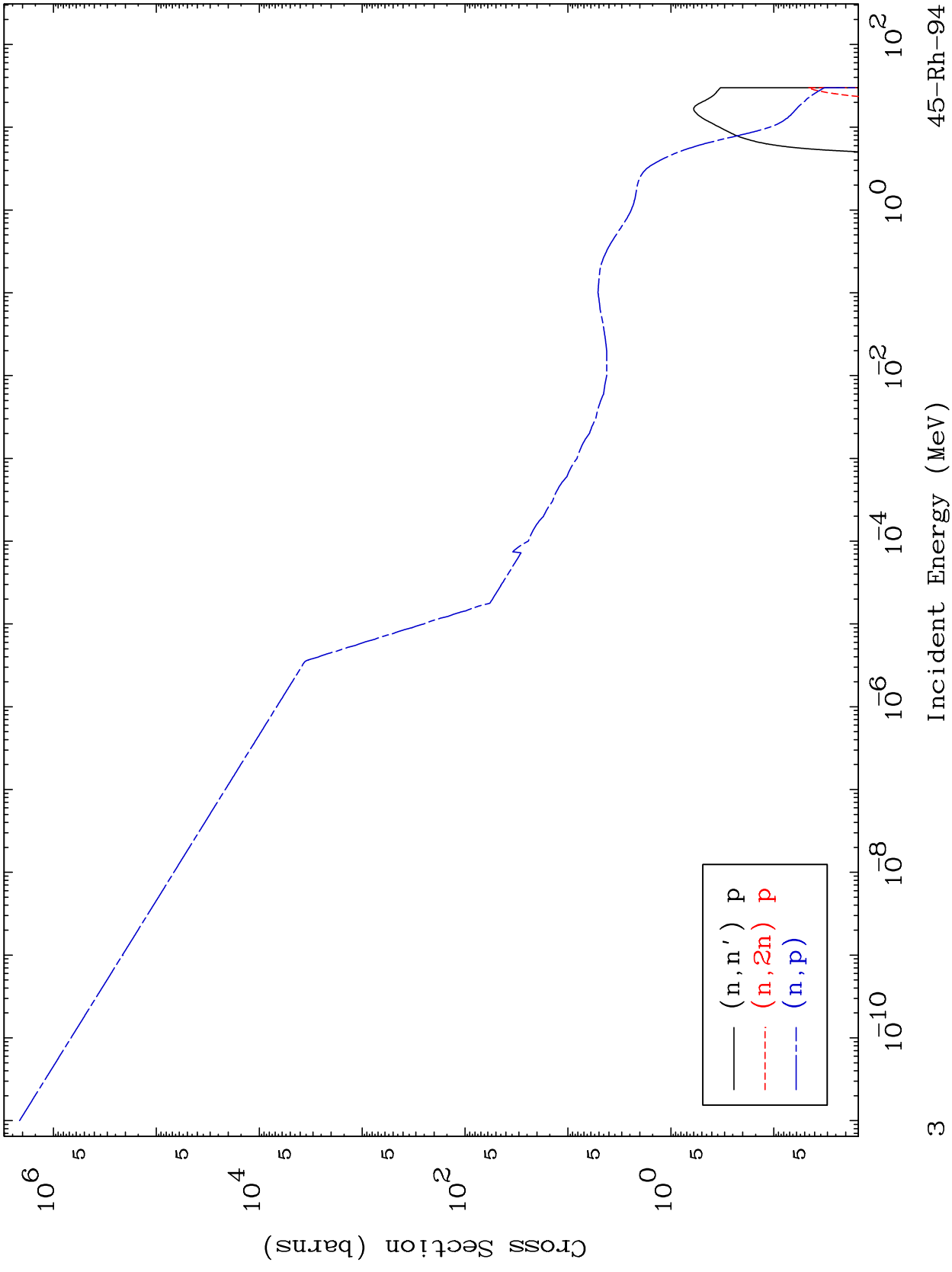
Incident Energy (MeV)

45-Rh-94

MAT 4498

Charged Particle
293 Kelvin Cross Sections

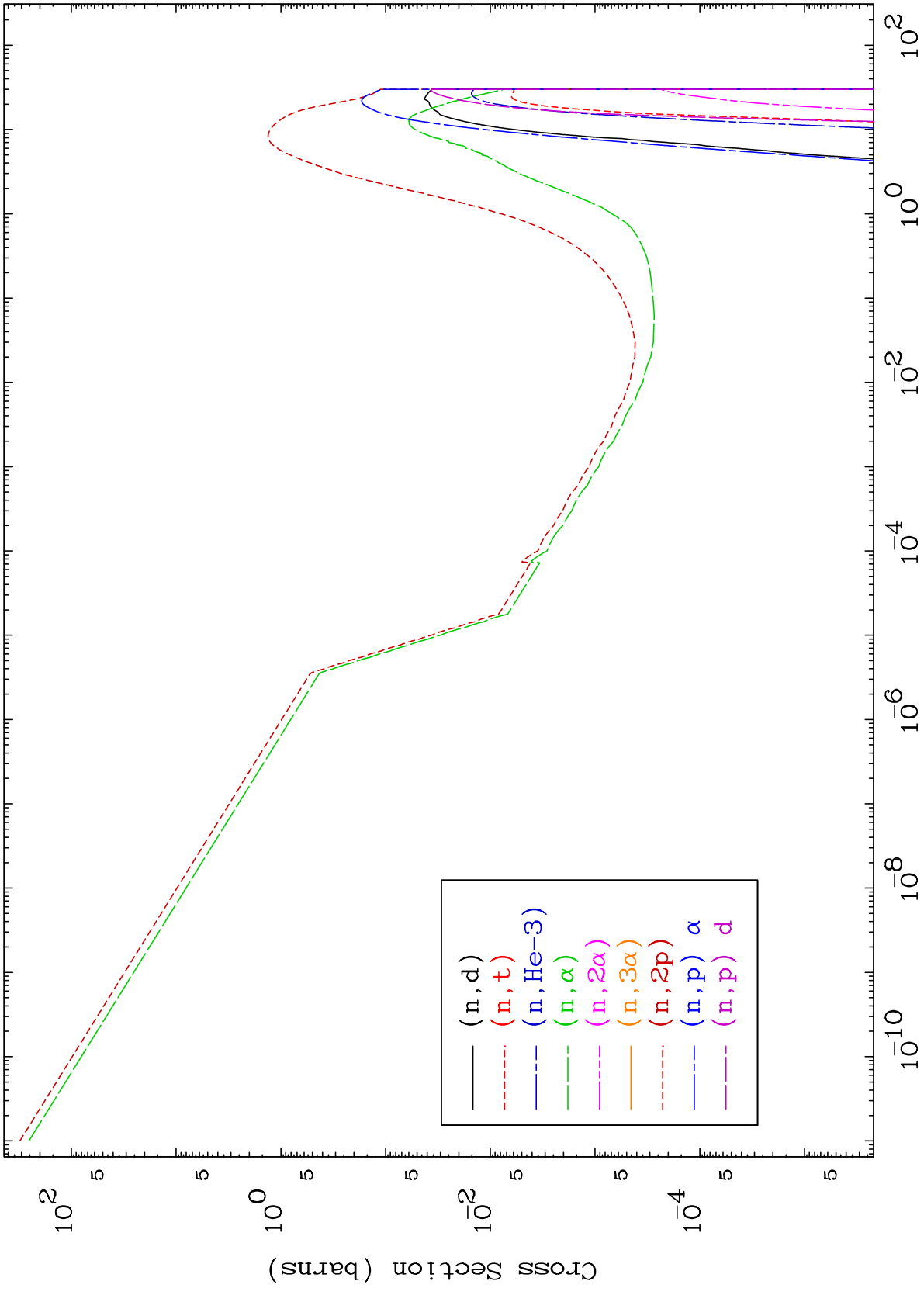
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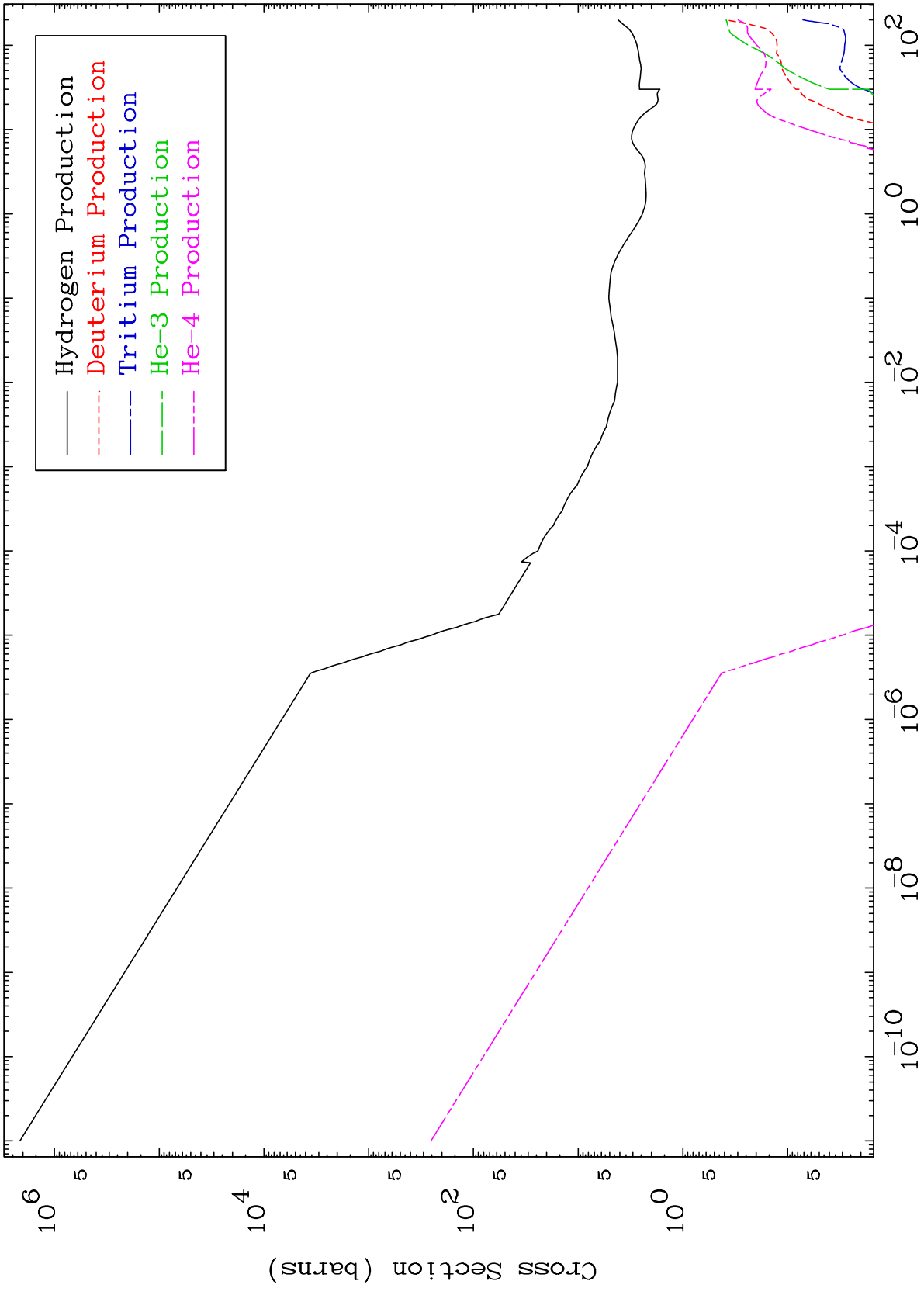
MAT 4498

Charged Particle
293 Kelvin Cross Sections

45-Rh-94



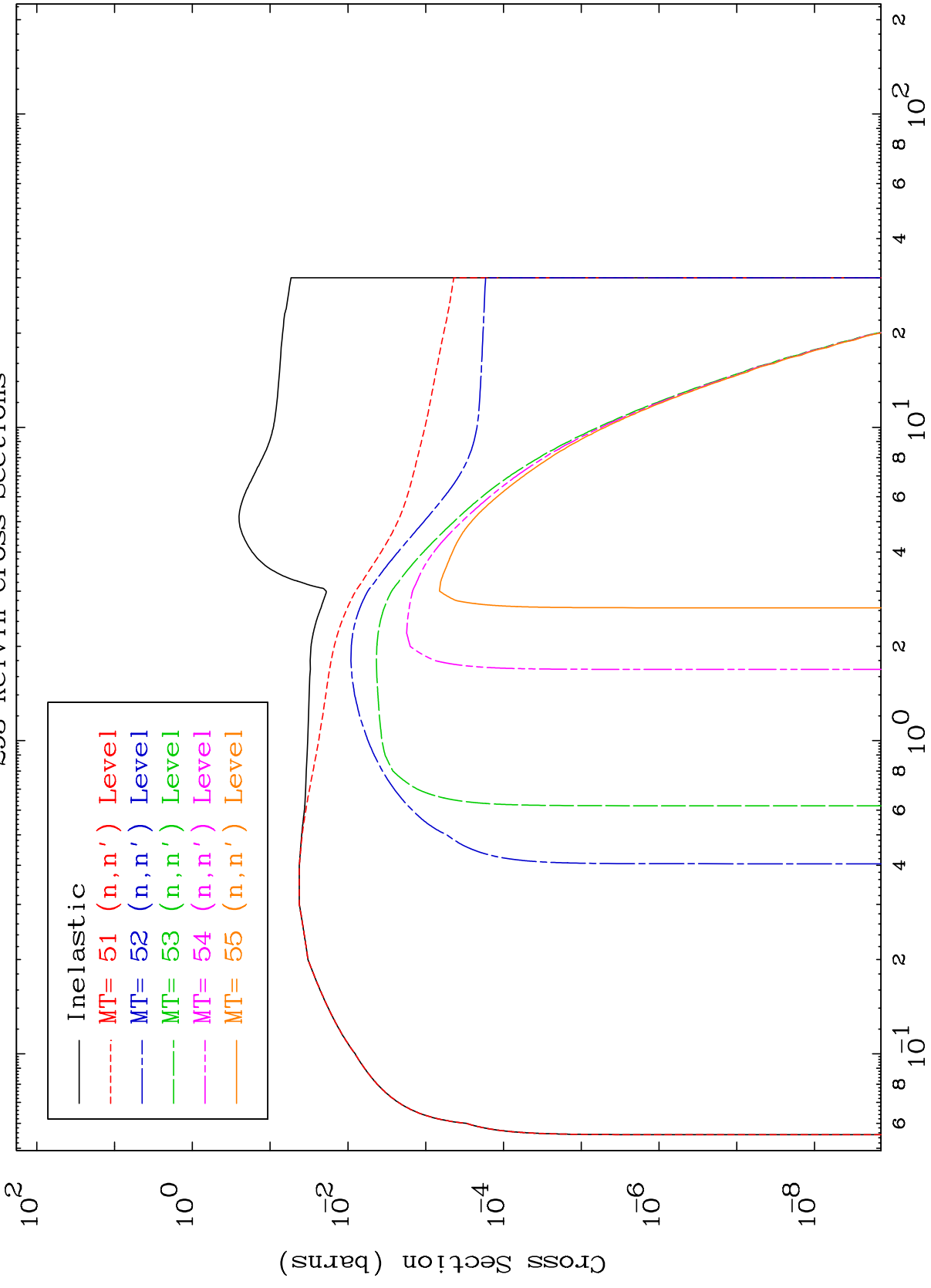
45-Rh-94



MAT 4498

293 Kelvin Cross Sections

45-Rh-94

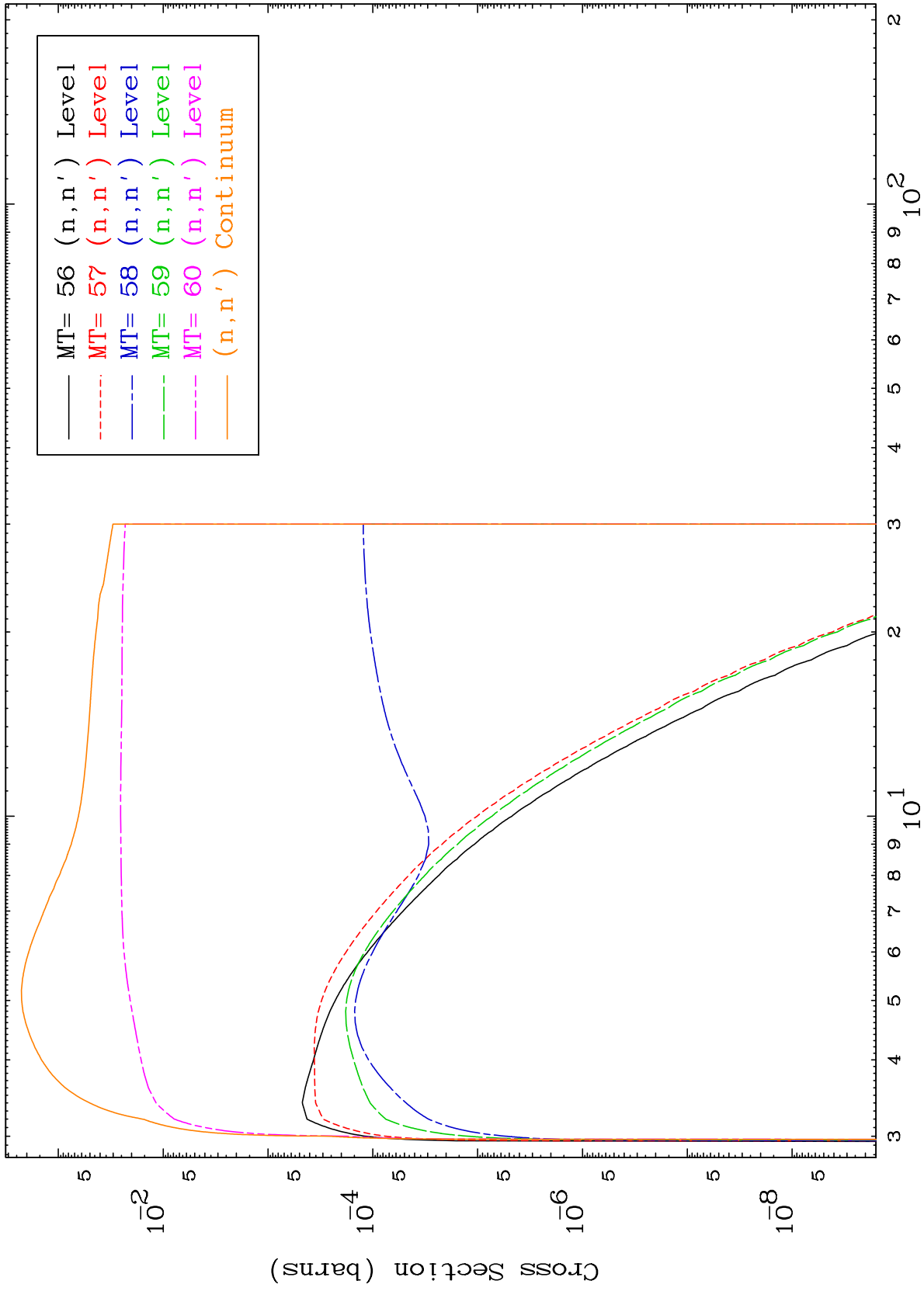


MAT 4498

(n,n') Level

45-Rh-94

293 Kelvin Cross Sections



7

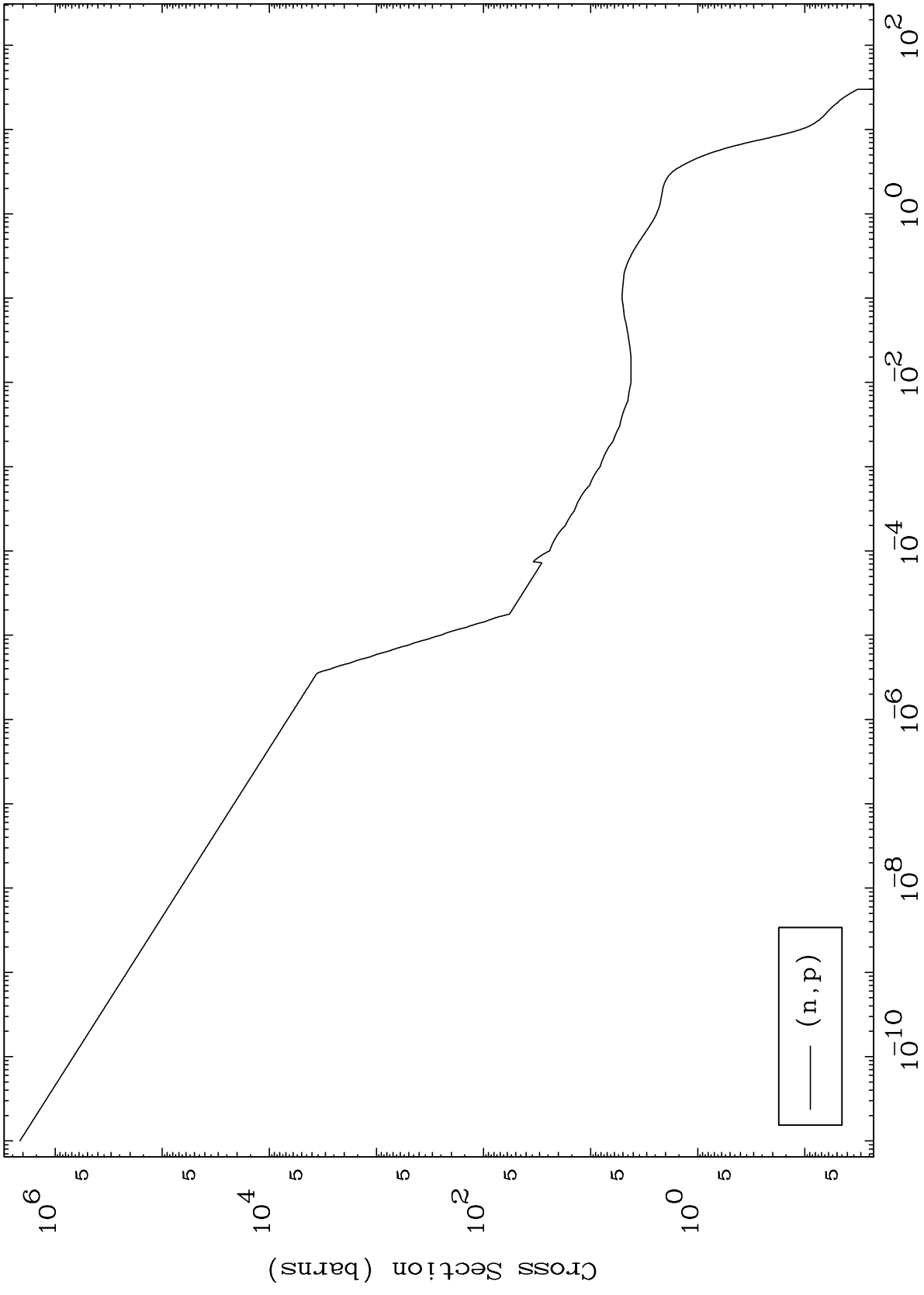
Incident Energy (MeV)

45-Rh-94

MAT 4498

(n,p) Levels
293 Kelvin Cross Sections

45-Rh-94



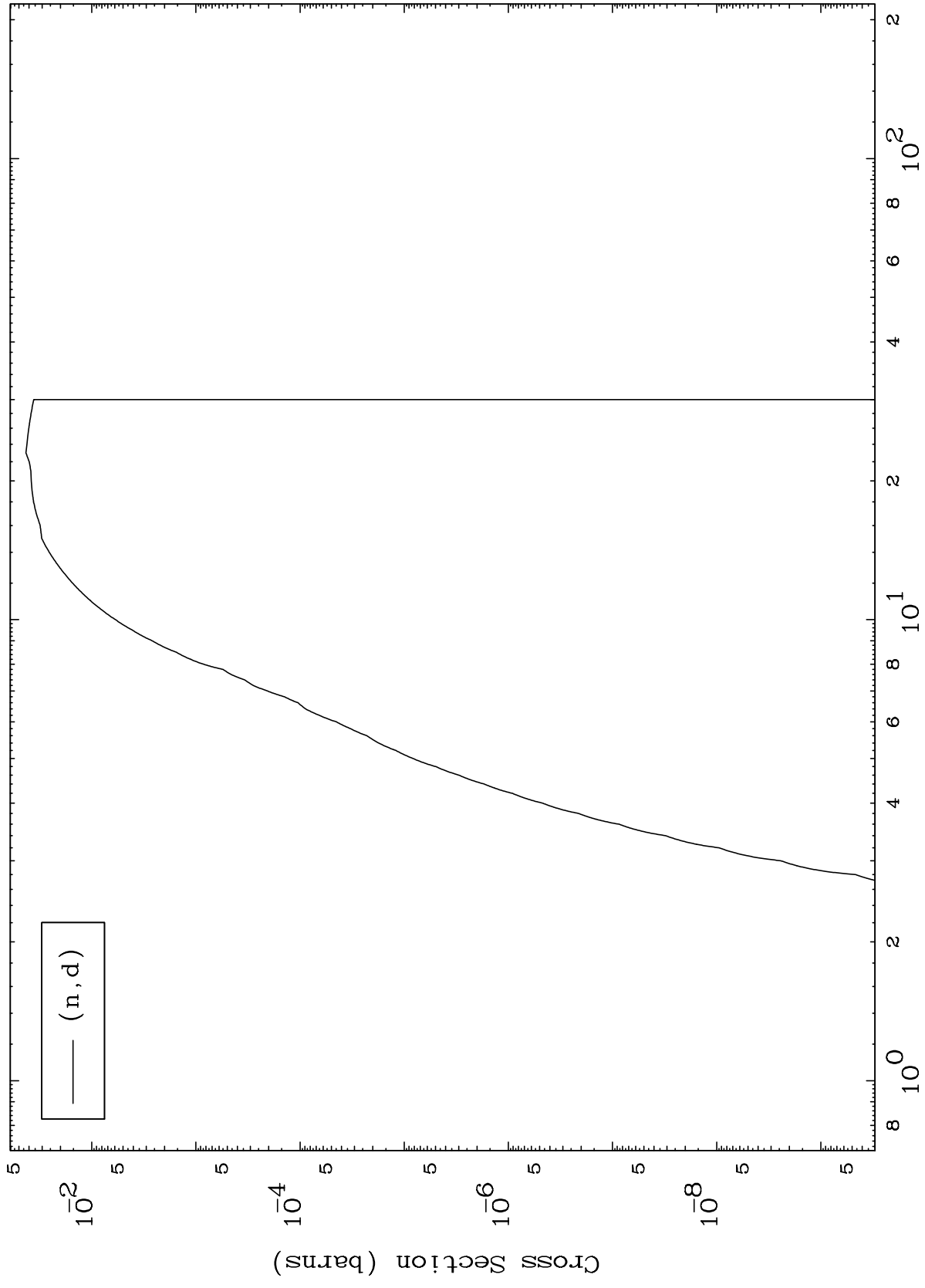
— (n, p)

45-Rh-94

MAT 4498

(n,d) Levels
293 Kelvin Cross Sections

45-Rh-94



9

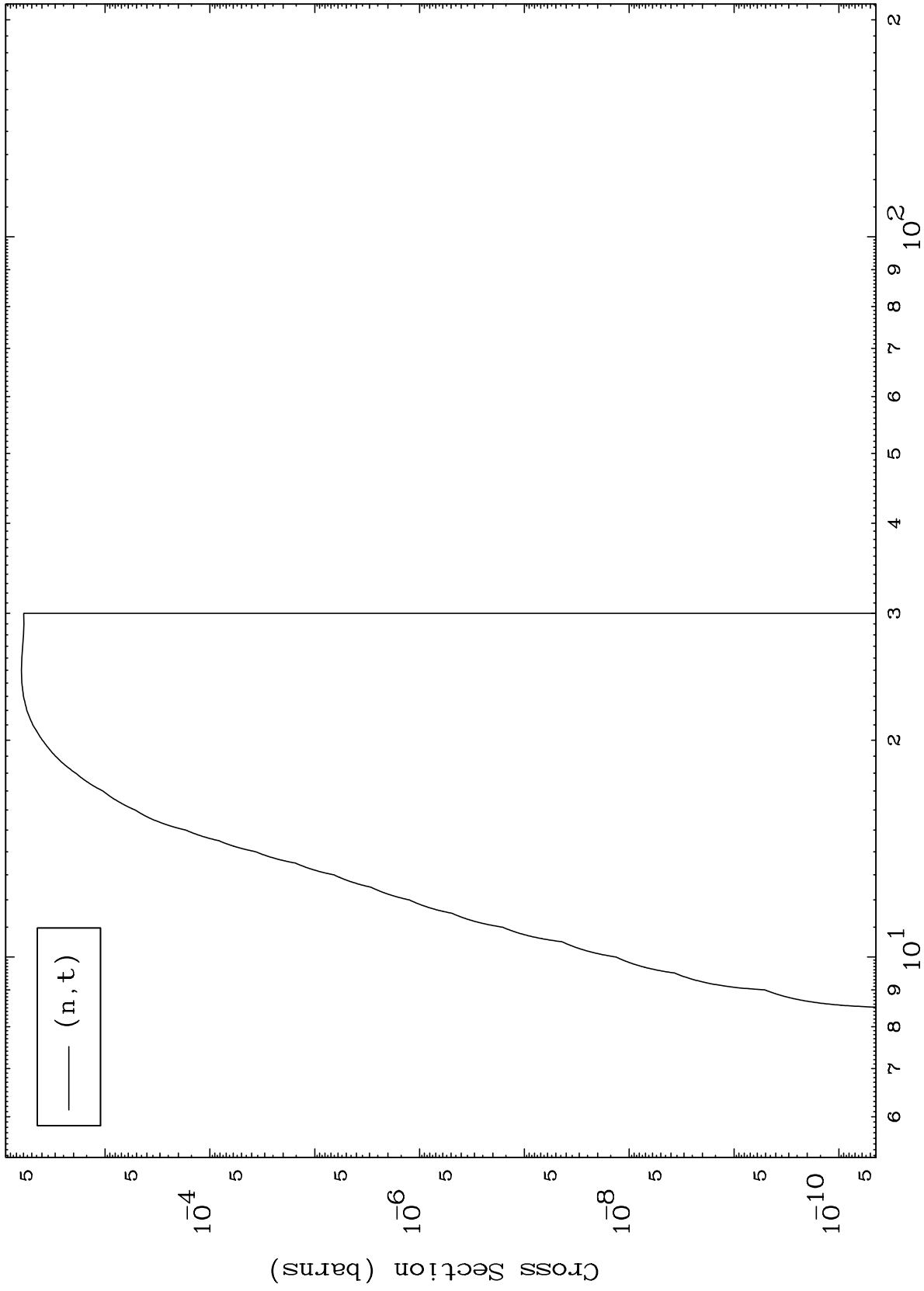
Incident Energy (MeV)

45-Rh-94

MAT 4498

(n,t) Levels
293 Kelvin Cross Sections

45-Rh-94



10

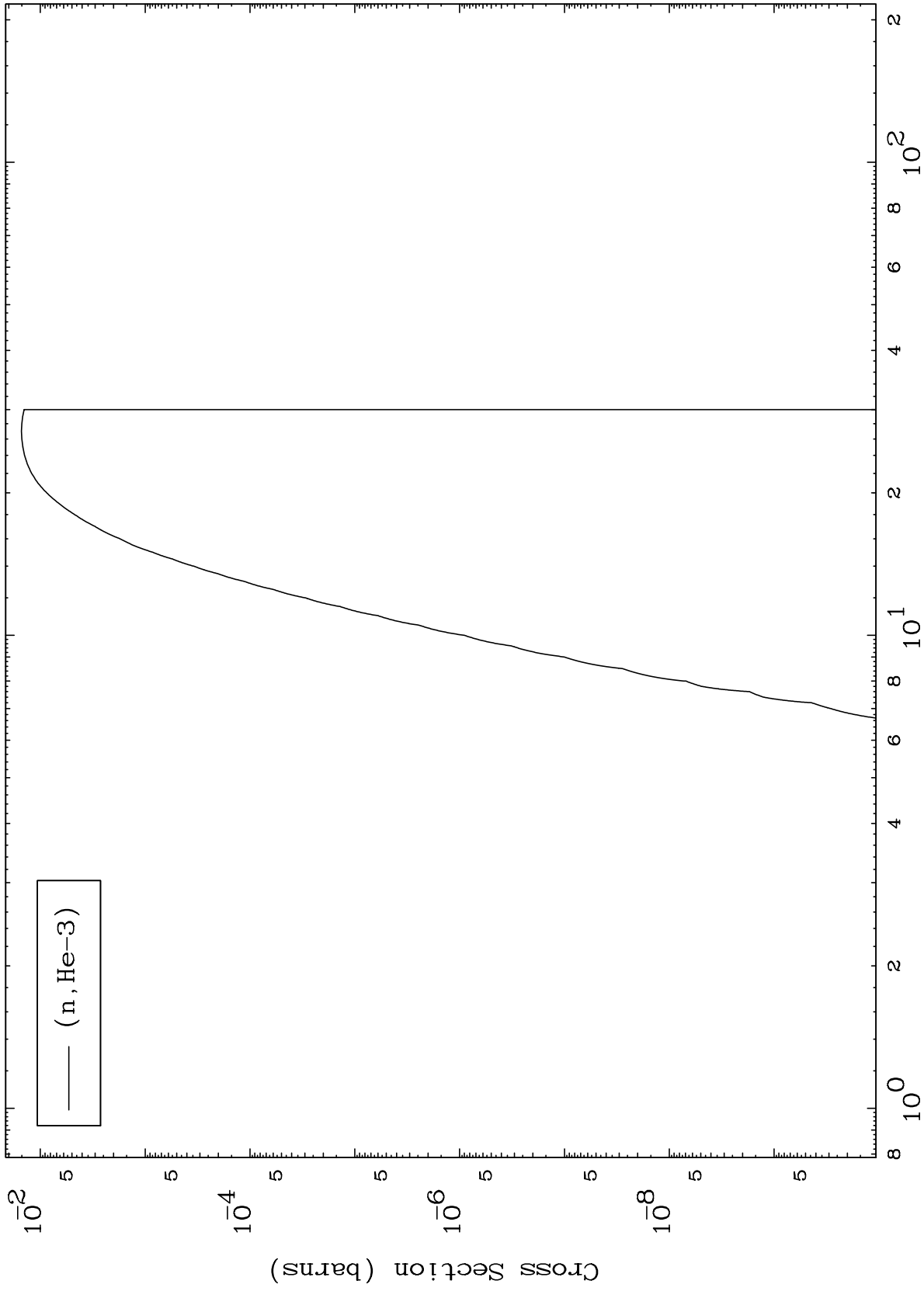
Incident Energy (MeV)

45-Rh-94

MAT 4498

(n,He3) Levels
293 Kelvin Cross Sections

45-Rh-94



11

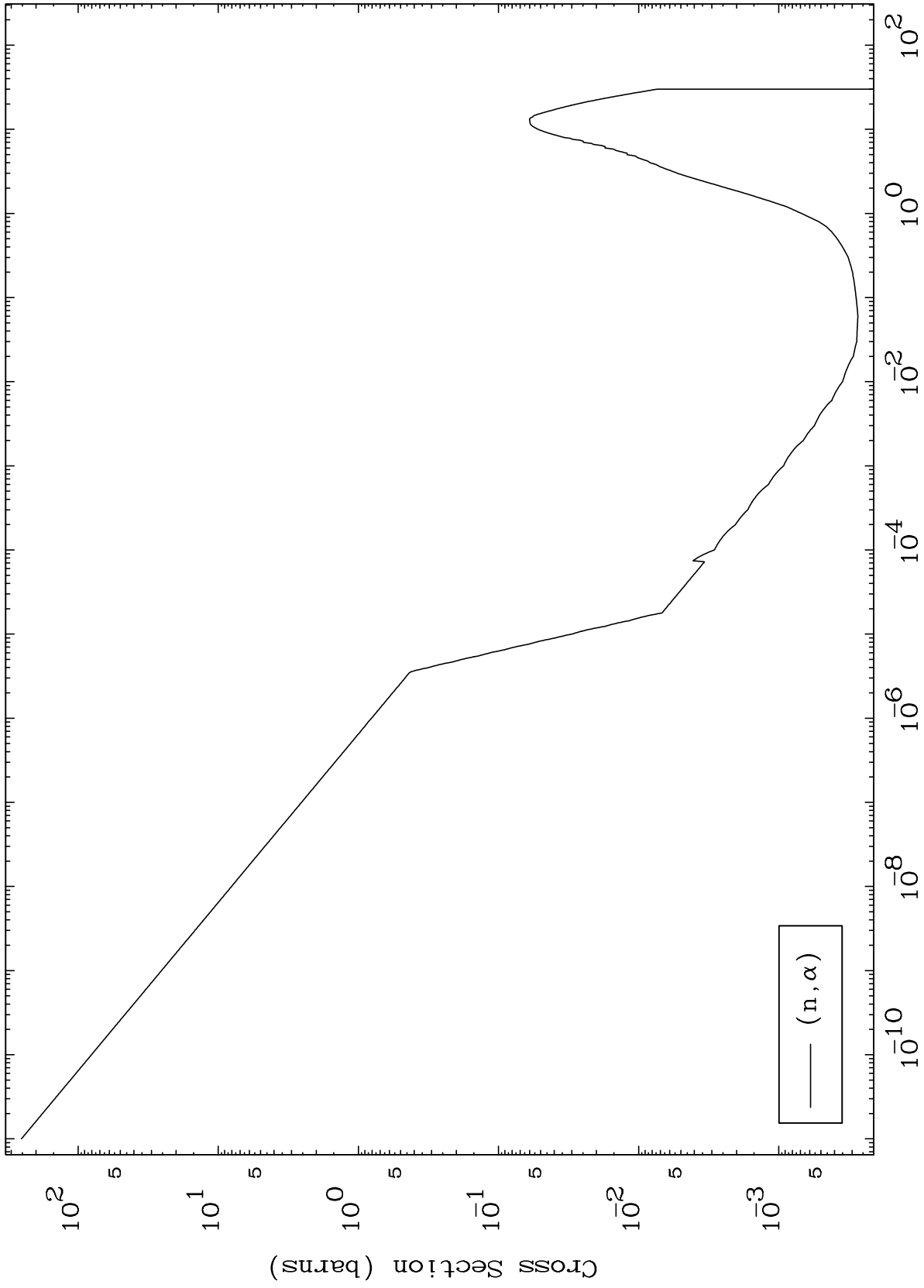
Incident Energy (MeV)

45-Rh-94

MAT 4498

(n, α) Levels
293 Kelvin Cross Sections

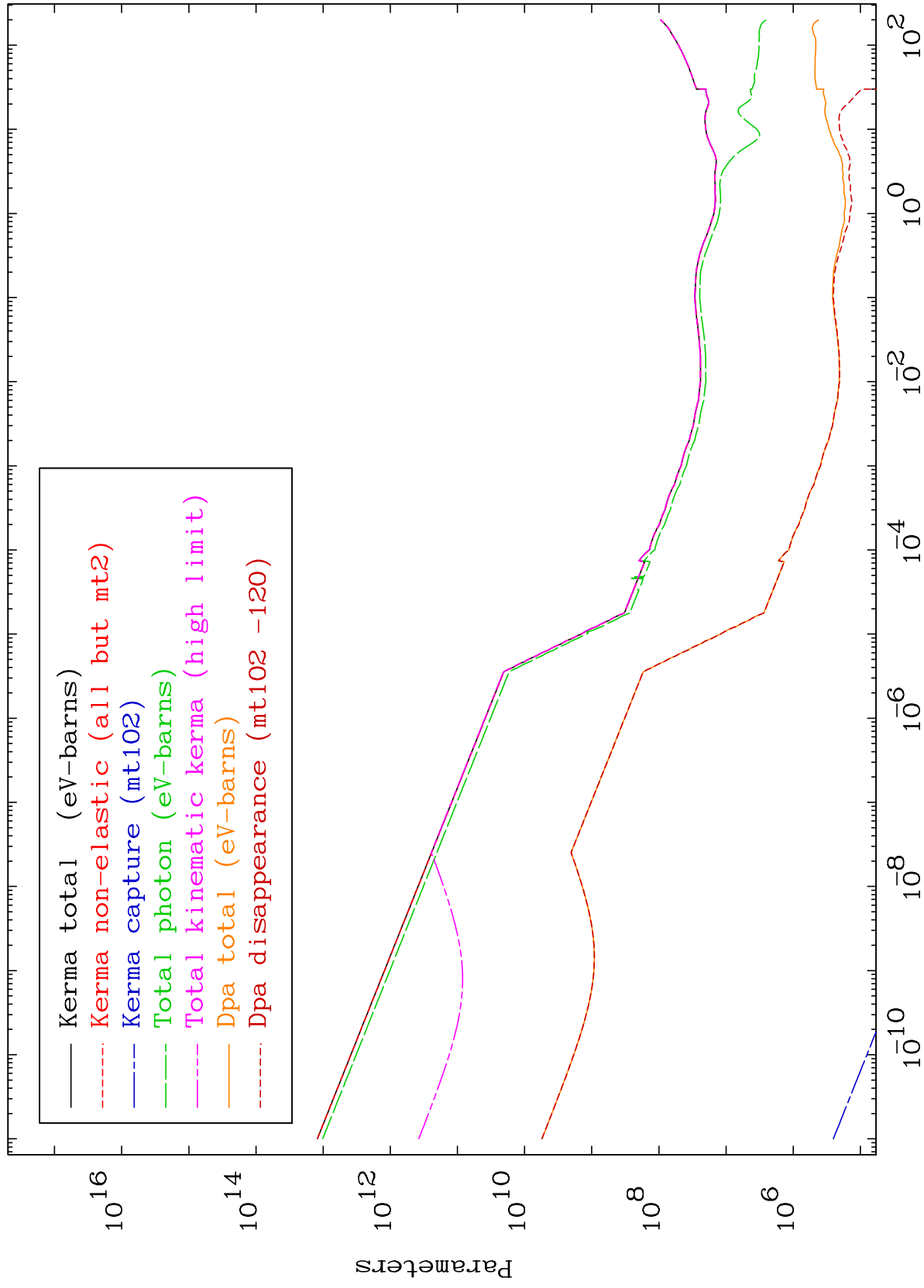
45-Rh-94



12

Incident Energy (MeV)

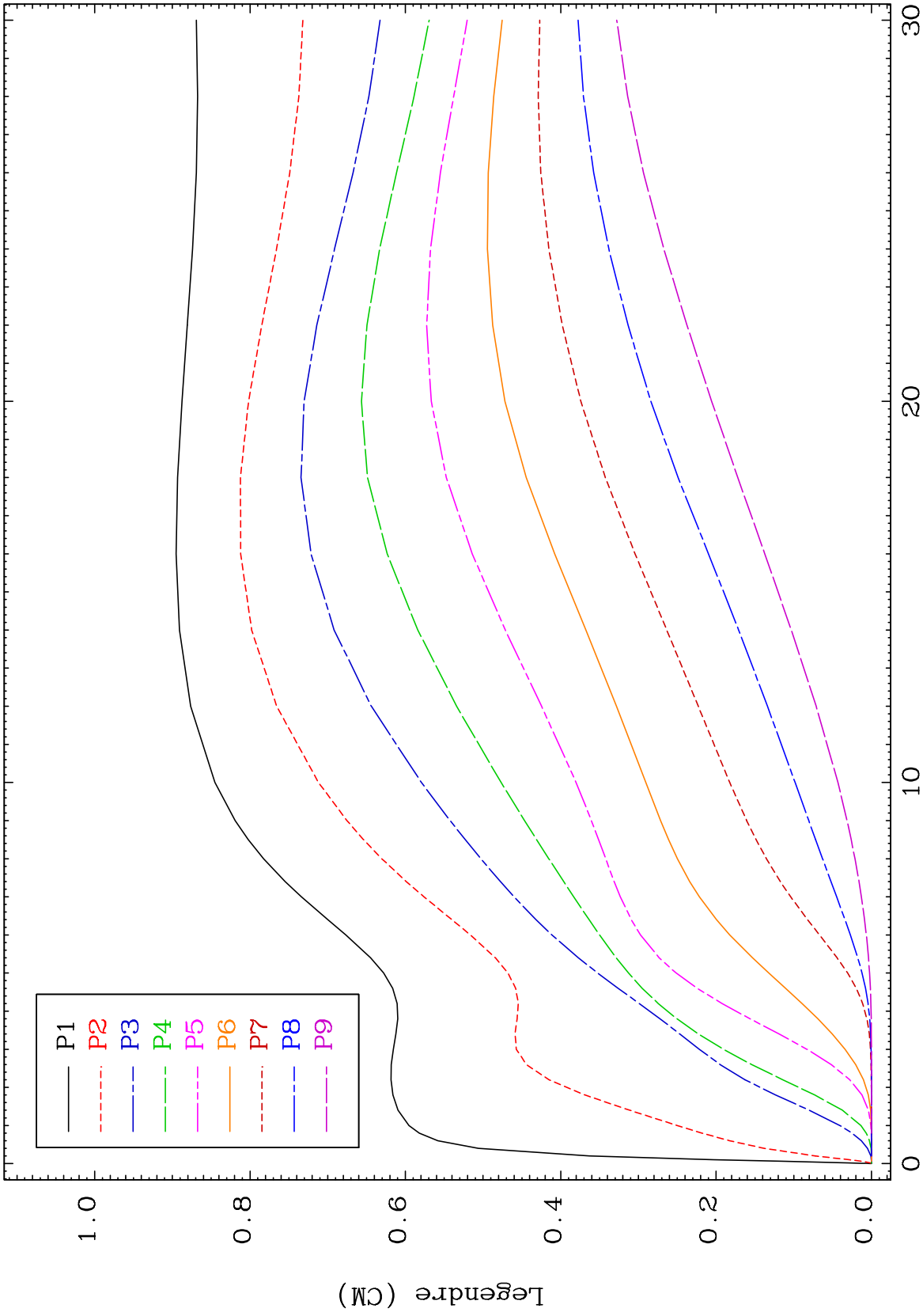
45-Rh-94



MAT 4498

Elastic Legendre Coefficients

45-Rh-94



14

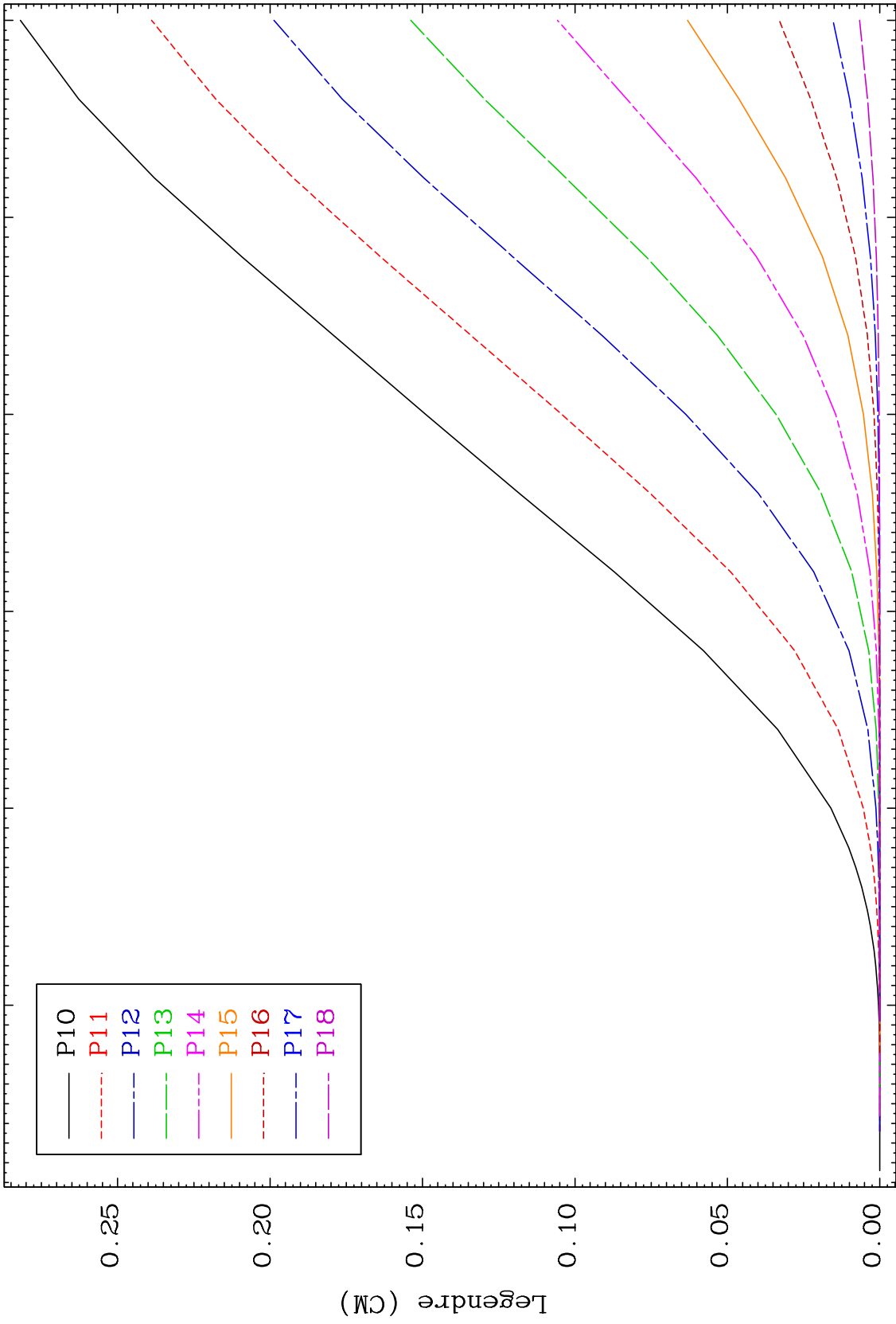
Incident Energy (MeV)

45-Rh-94

MAT 4498

Elastic Legendre Coefficients

45-Rh-94



15

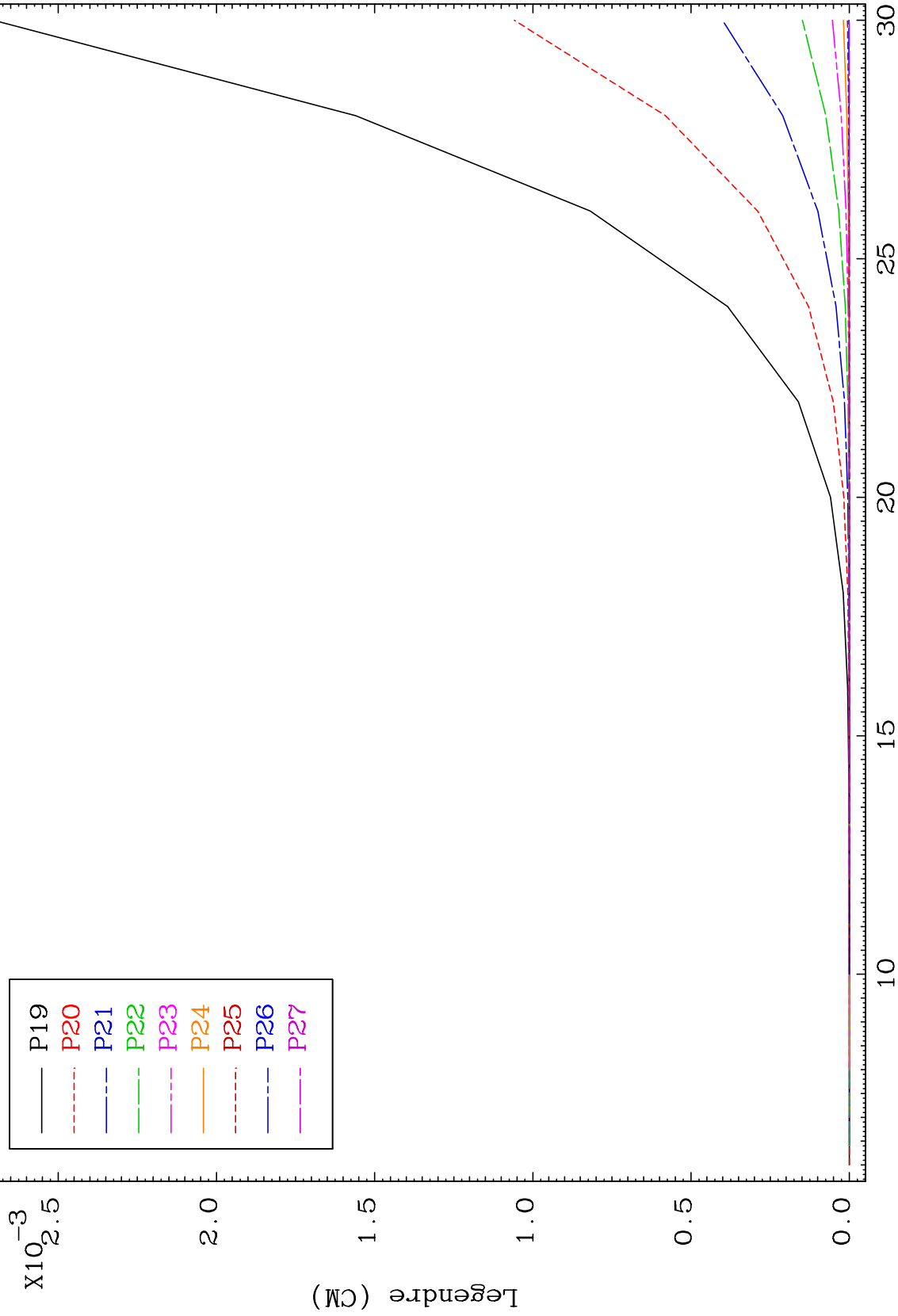
Incident Energy (MeV)

45-Rh-94

MAT 4498

Elastic Legendre Coefficients

45-Rh-94



16

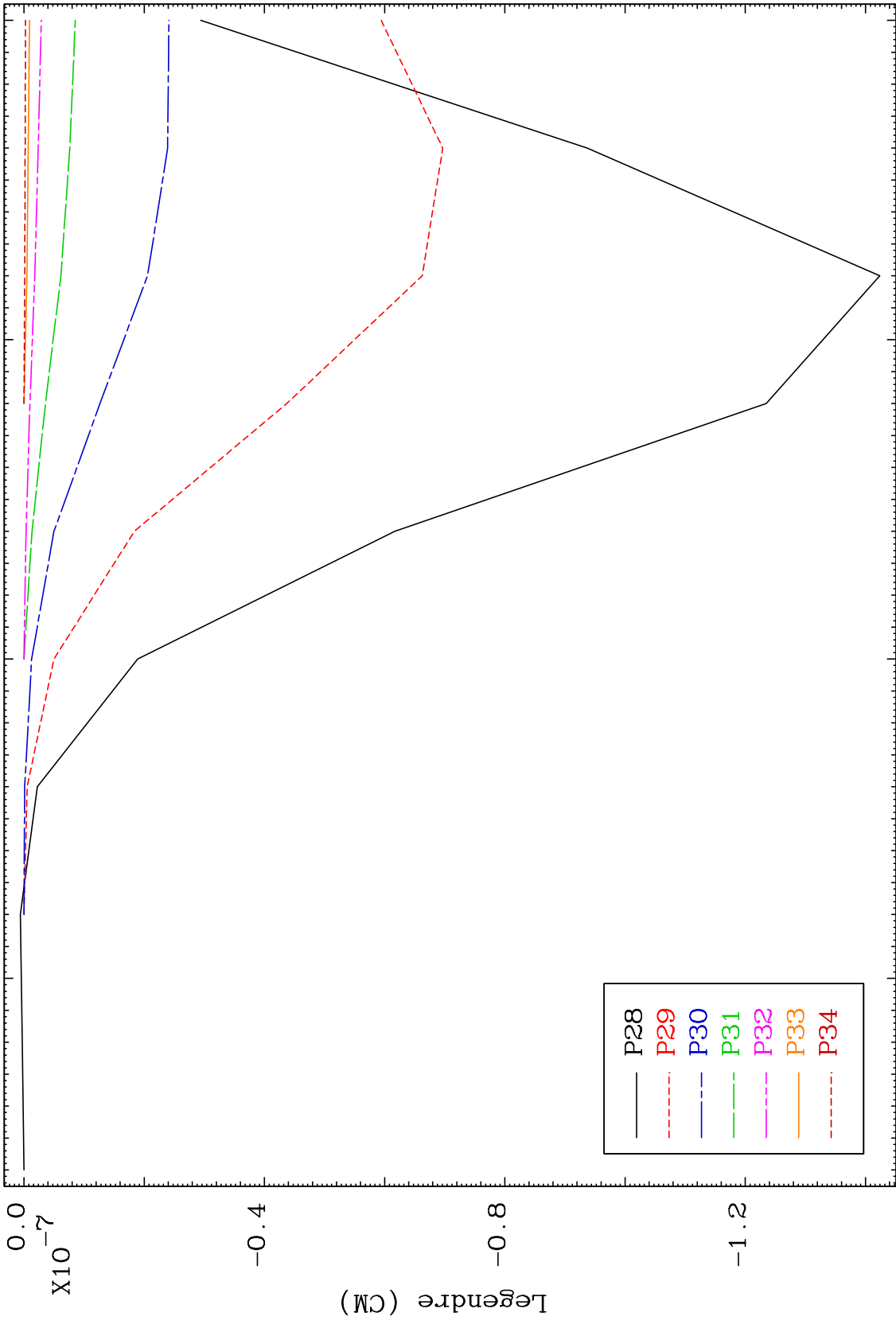
Incident Energy (MeV)

45-Rh-94

MAT 4498

Elastic
Legendre Coefficients

45-Rh-94



17

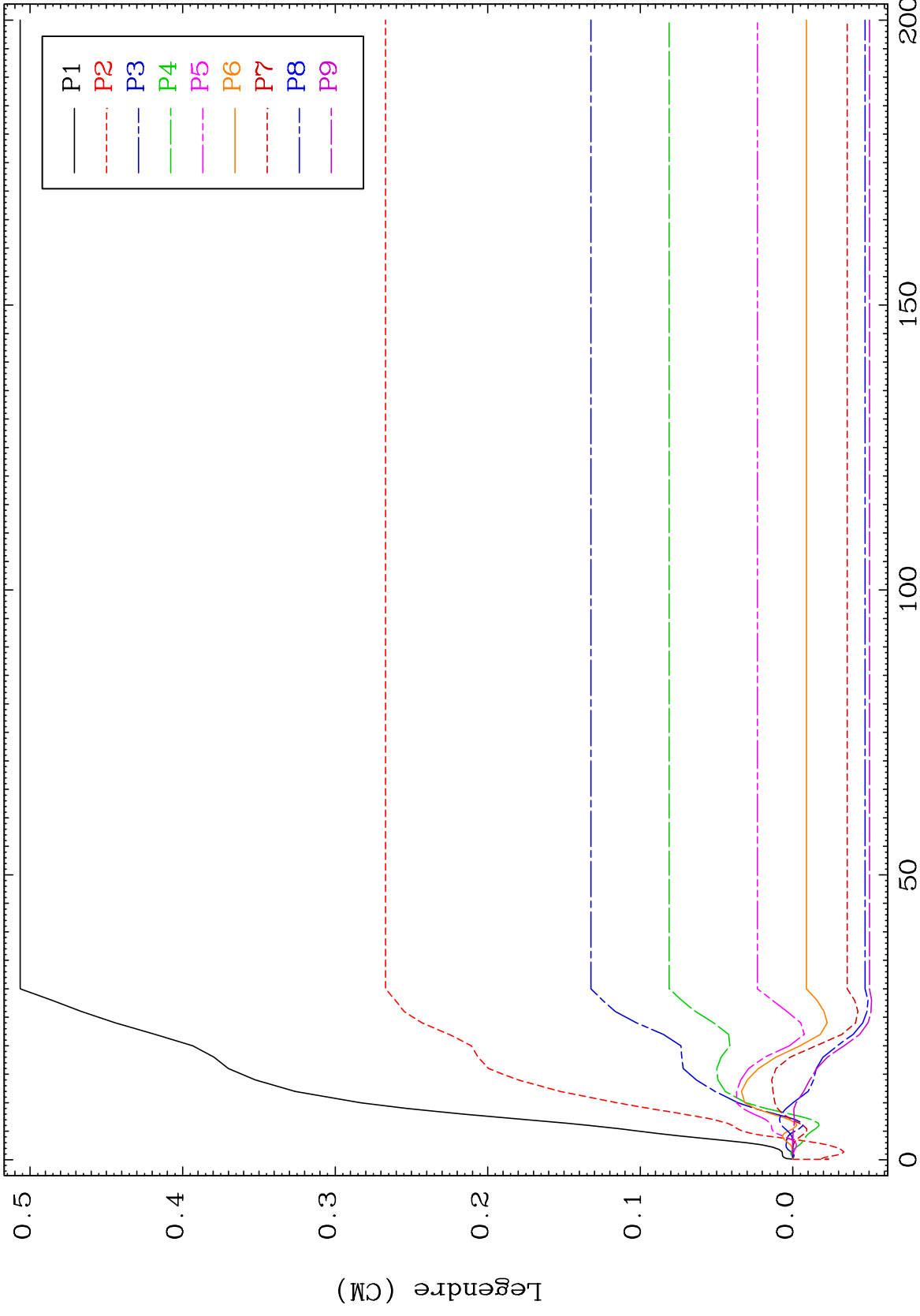
Incident Energy (MeV)

45-Rh-94

MAT 4498

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

45-Rh-94



18

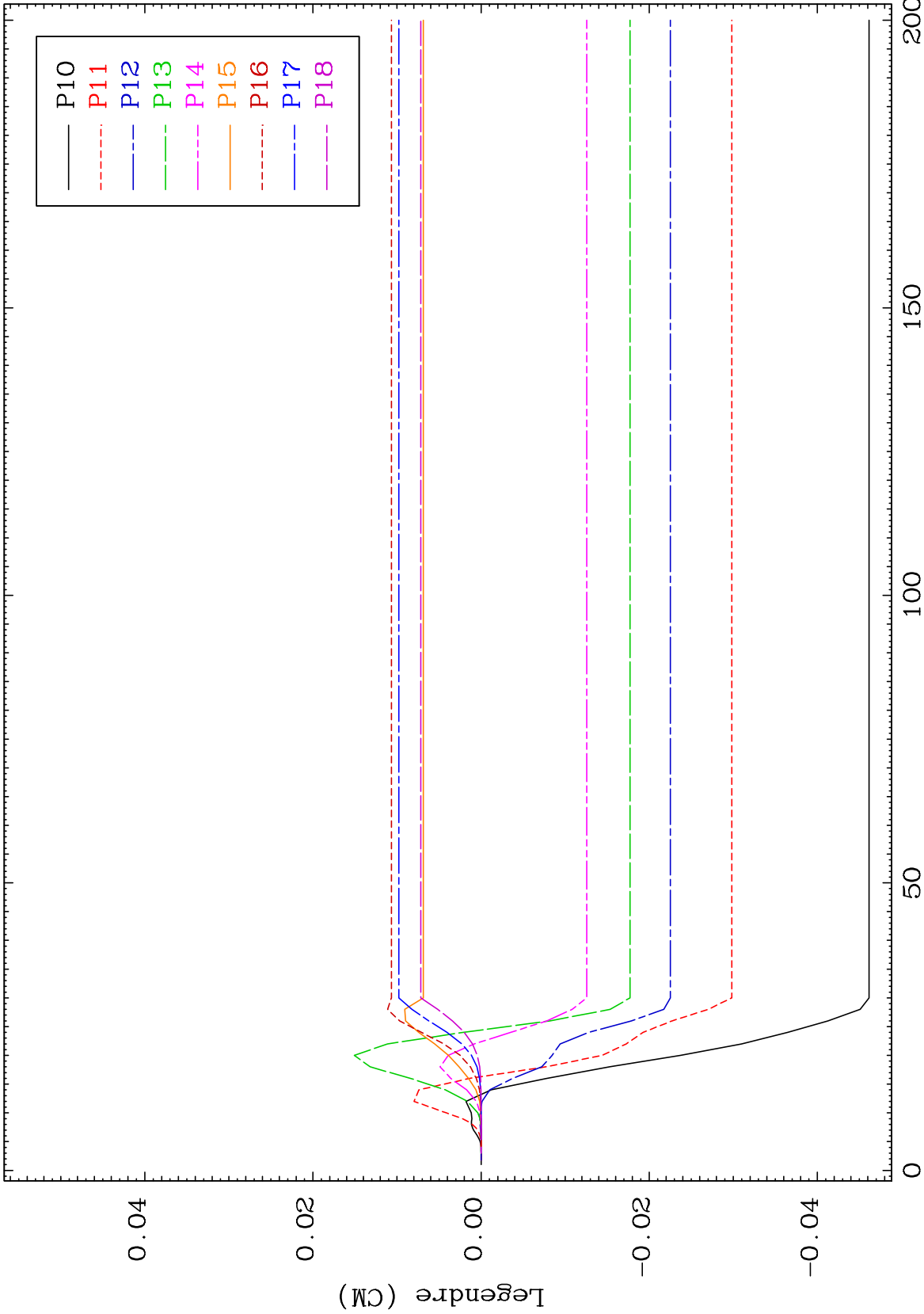
Incident Energy (MeV)

45-Rh-94

MAT 4498

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

45-Rh-94



19

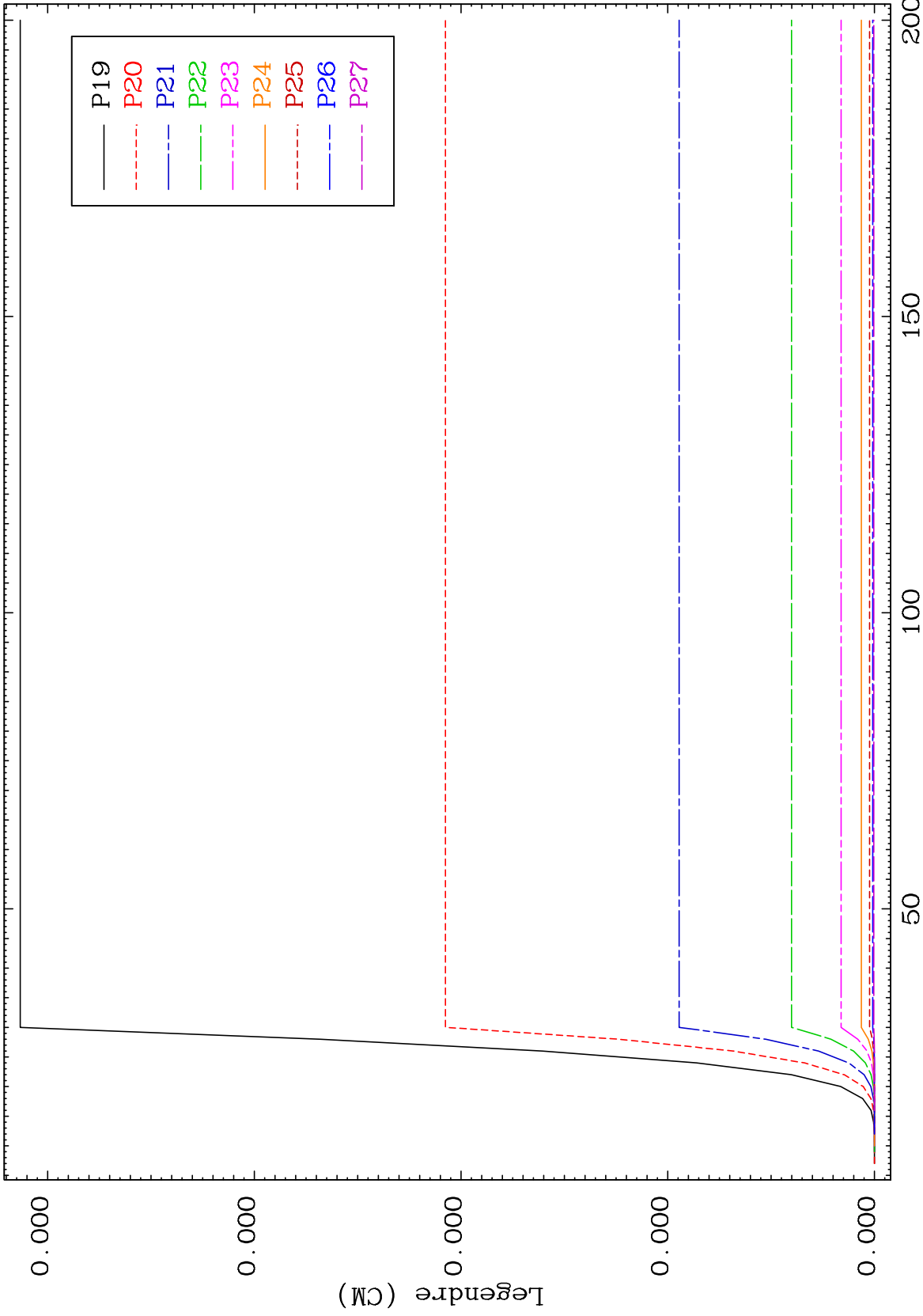
Incident Energy (MeV)

45-Rh-94

MAT 4498

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

45-Rh-94



20

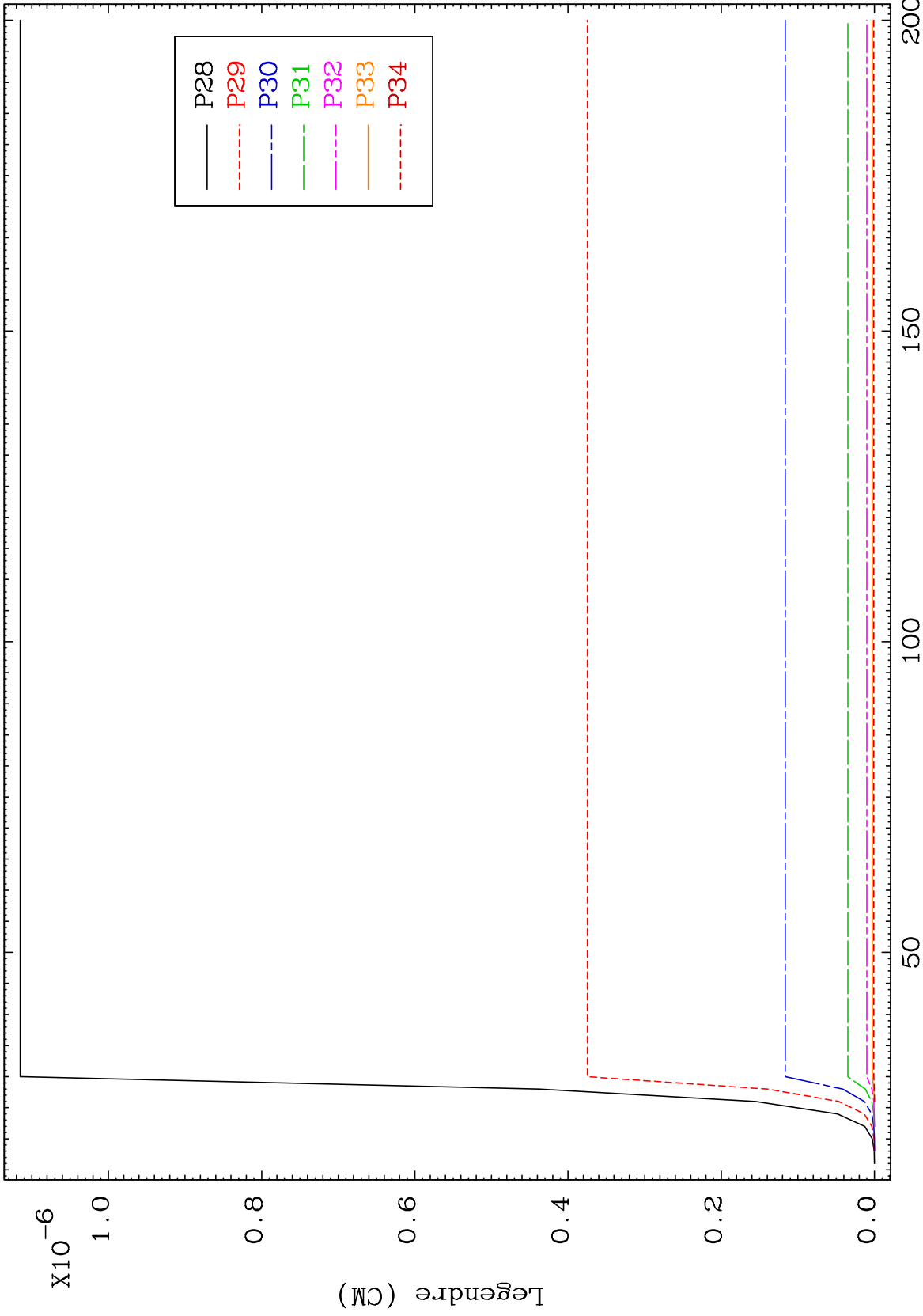
Incident Energy (MeV)

45-Rh-94

MAT 4498

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

45-Rh-94



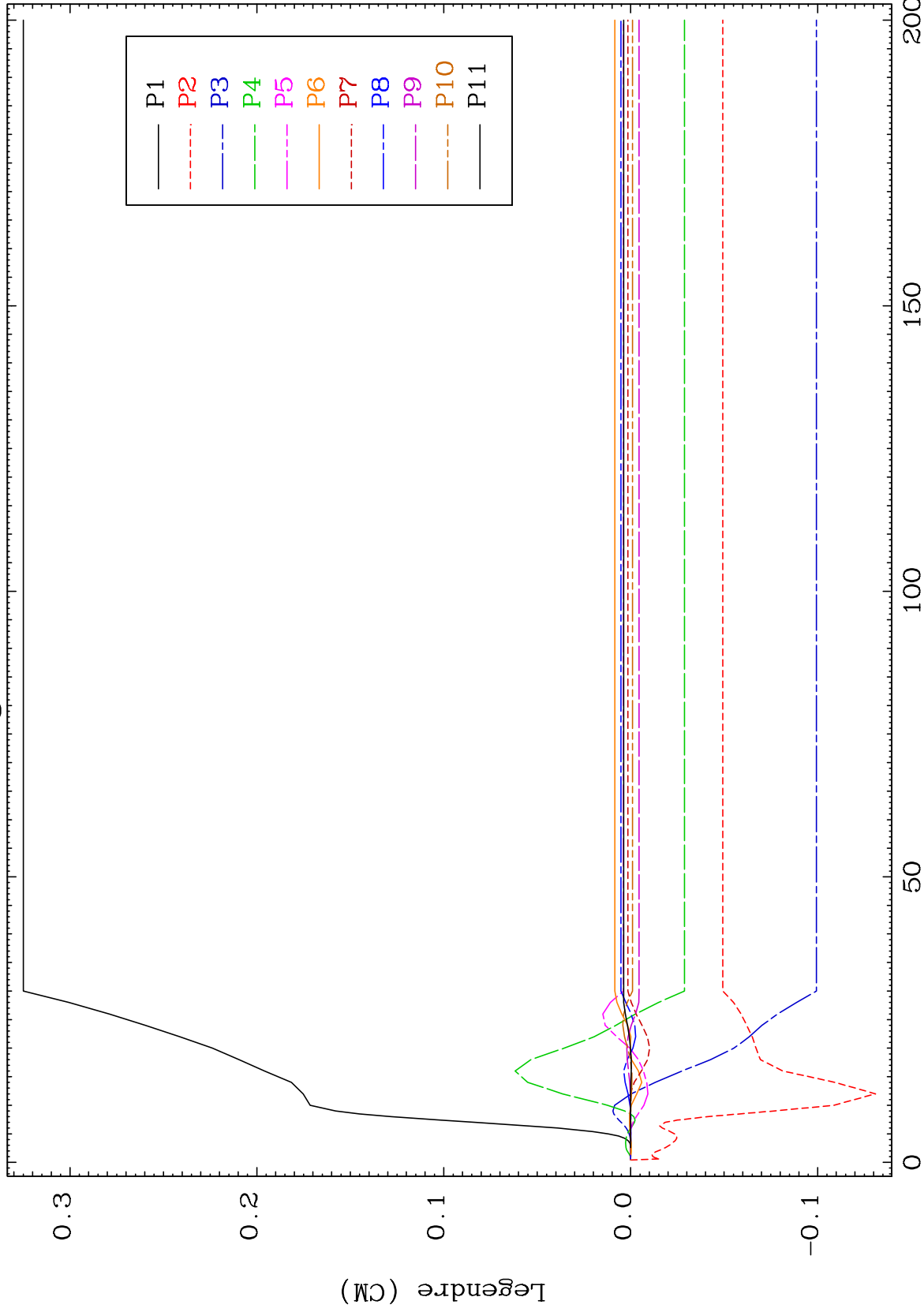
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45-Rh-94

MAT 4498

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

45-Rh-94



22

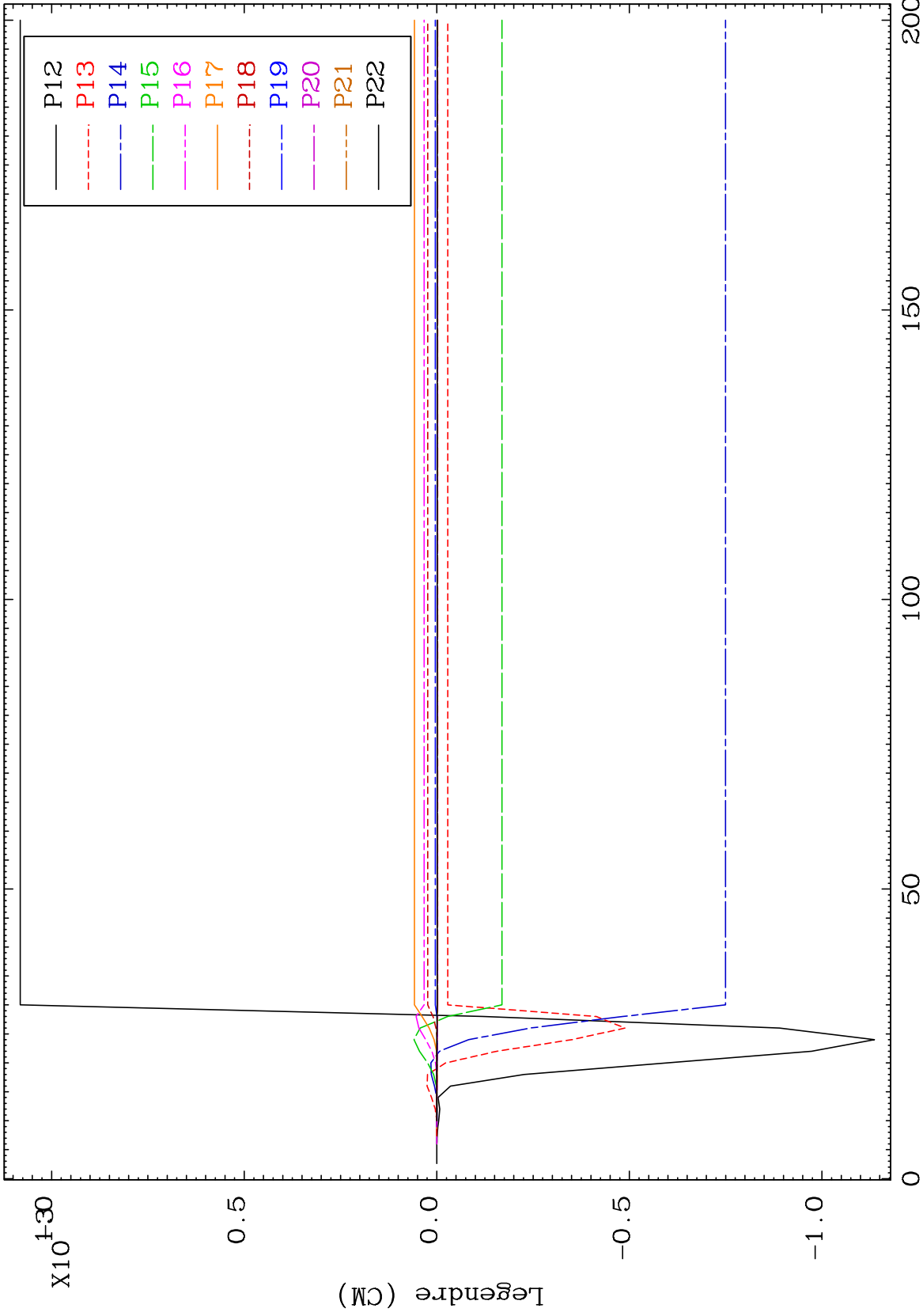
Incident Energy (MeV)

45-Rh-94

MAT 4498

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

45-Rh-94



23

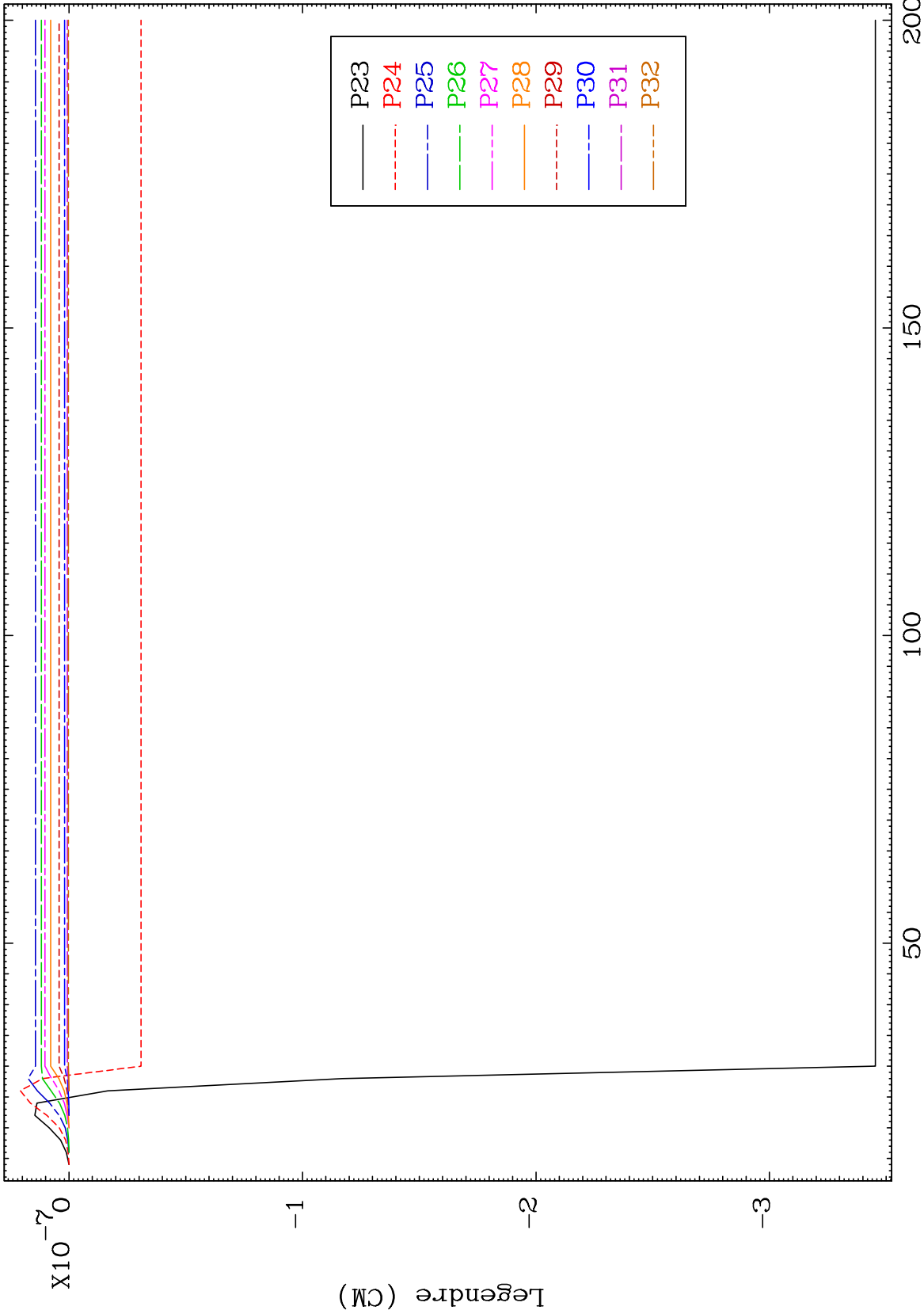
Incident Energy (MeV)

45-Rh-94

MAT 4498

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

45-Rh-94



24

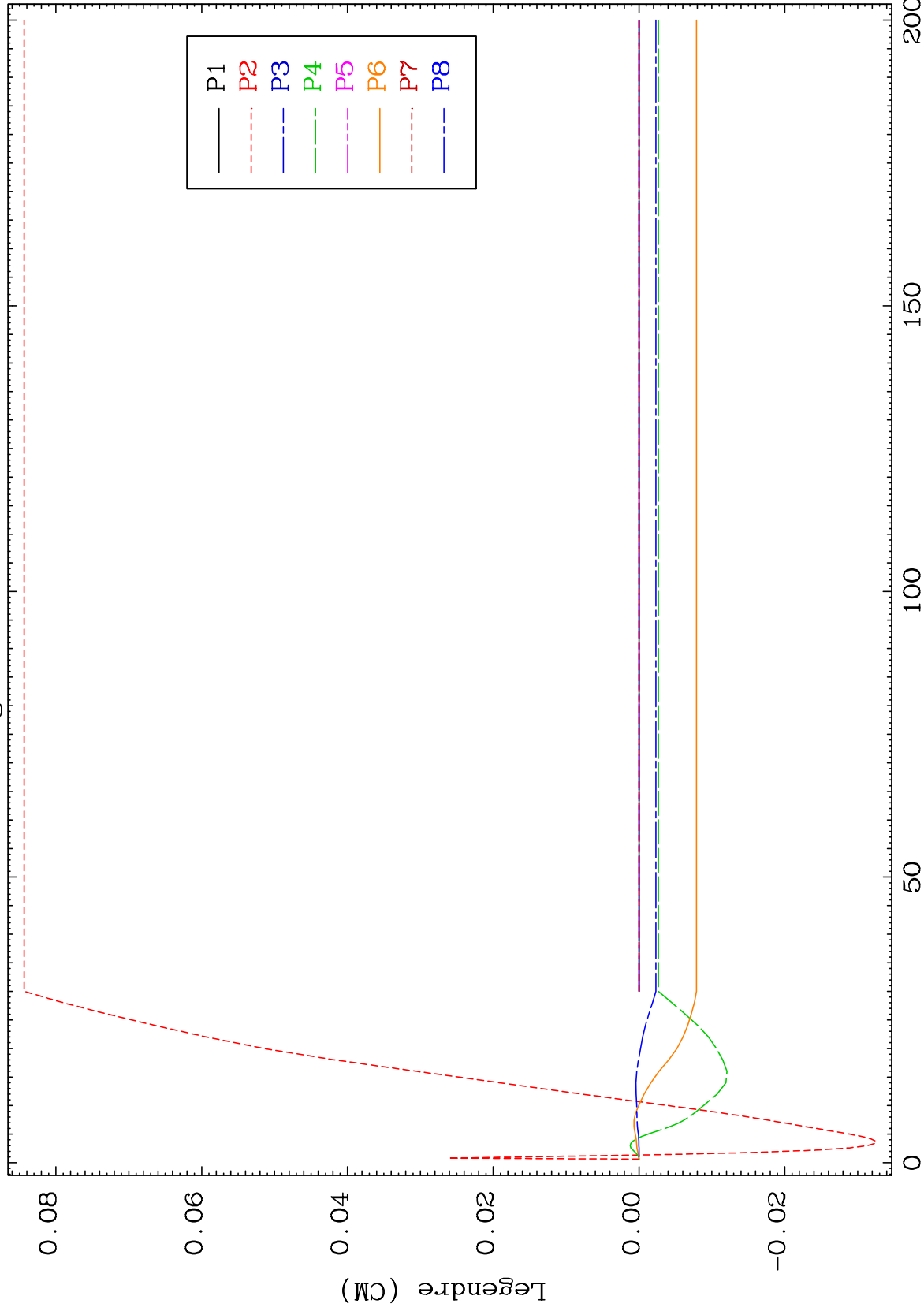
Incident Energy (MeV)

45-Rh-94

MAT 4498

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

45-Rh-94



25

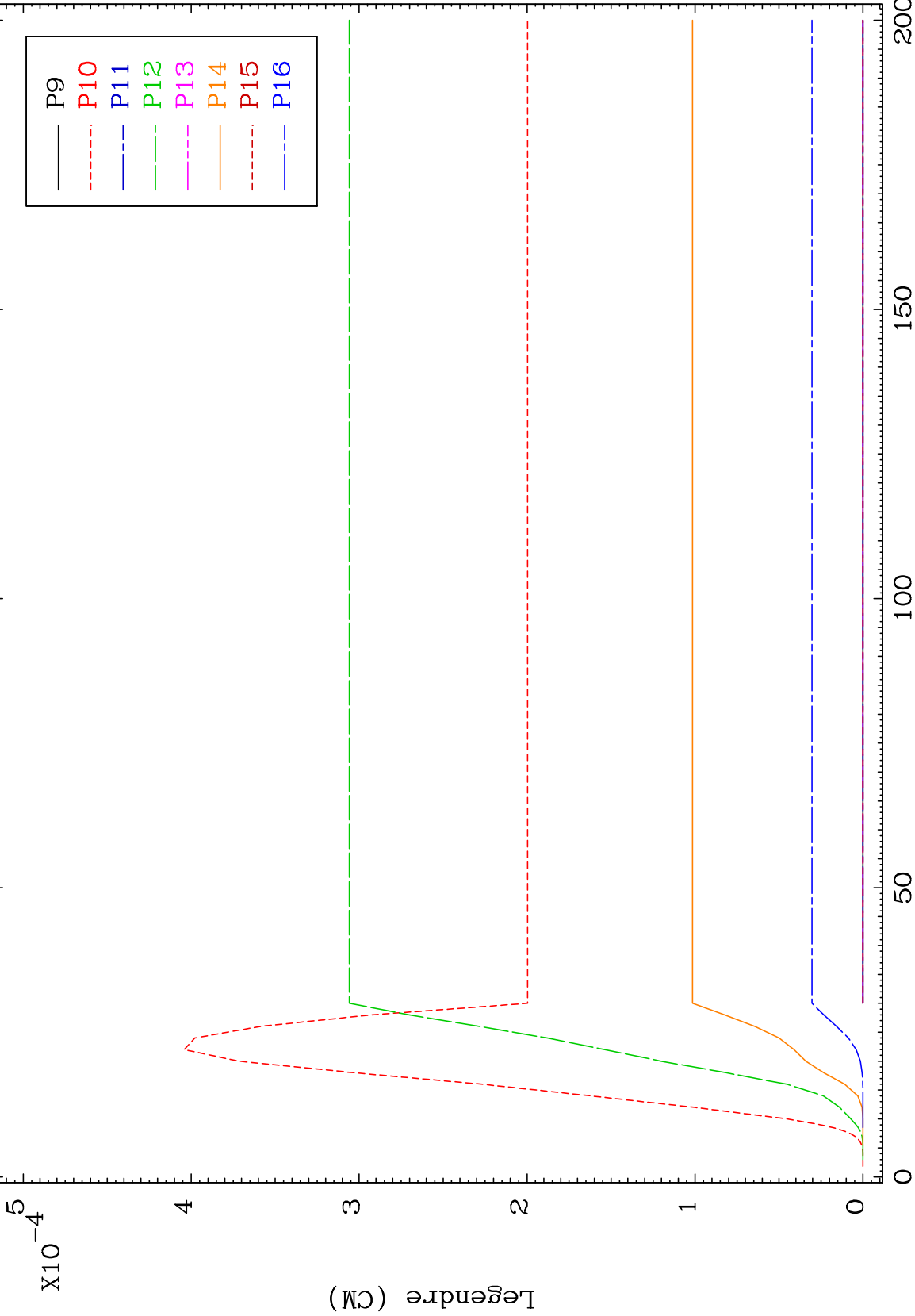
Incident Energy (MeV)

45-Rh-94

MAT 4498

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

45-Rh-94

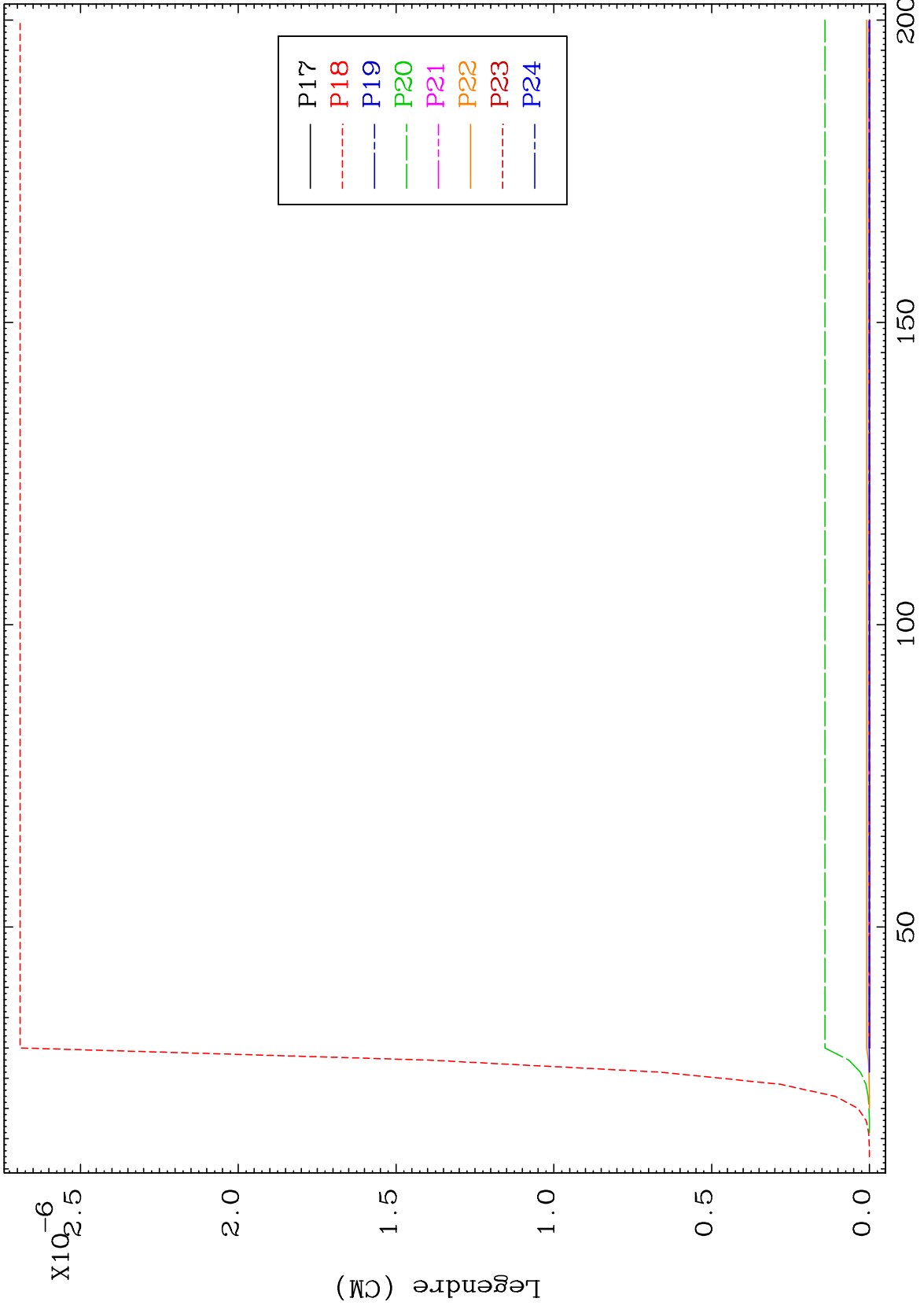


26

Incident Energy (MeV)

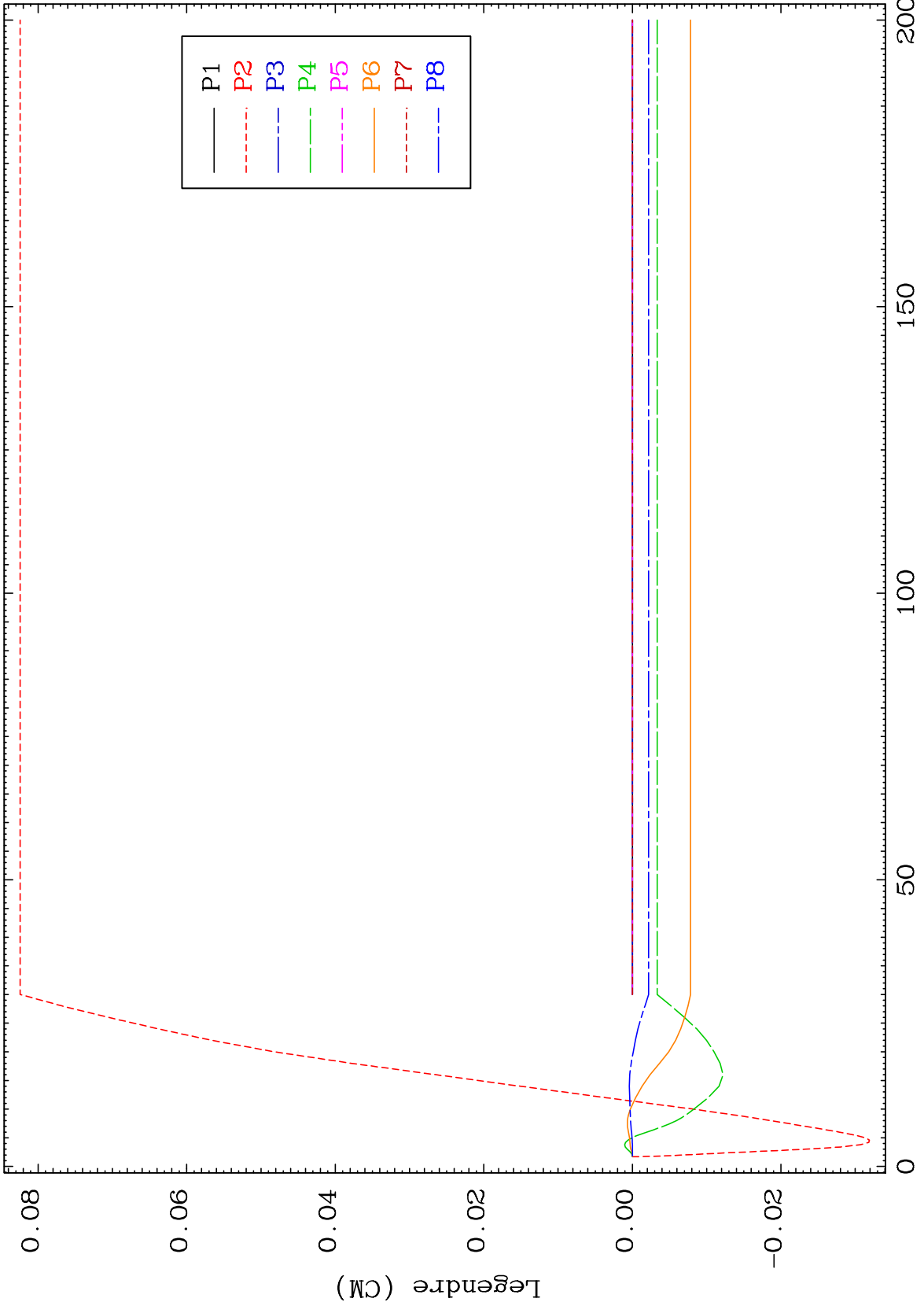
45-Rh-94

MAT 4498 MT= 53 (n,n') Level Legendre Coefficients 45-Rh-94



27 Incident Energy (MeV) 45-Rh-94

MAT 4498 MT= 54 (n,n') Level Legendre Coefficients 45-Rh-94

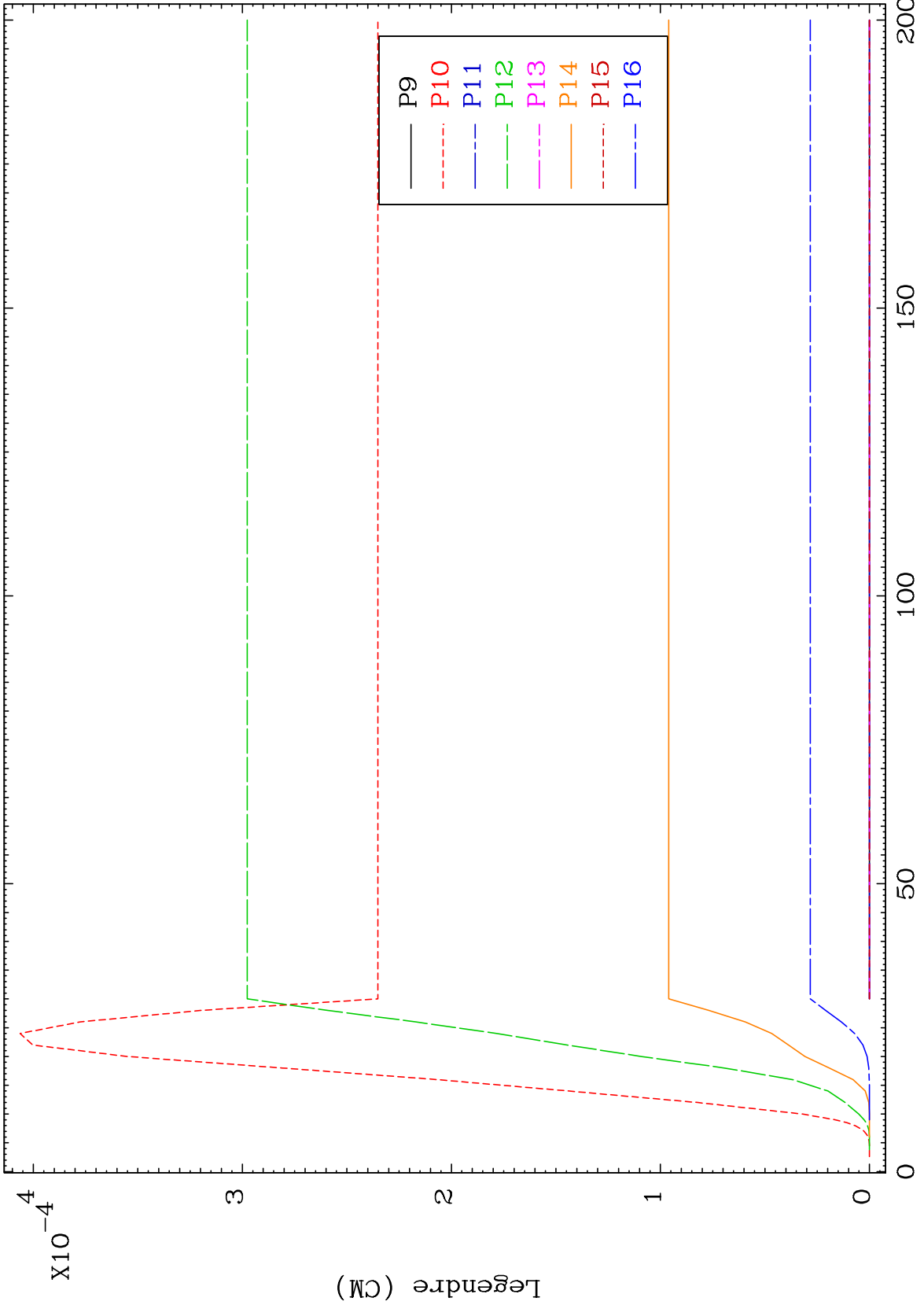


28 Incident Energy (MeV) 45-Rh-94

MAT 4498

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

45-Rh-94

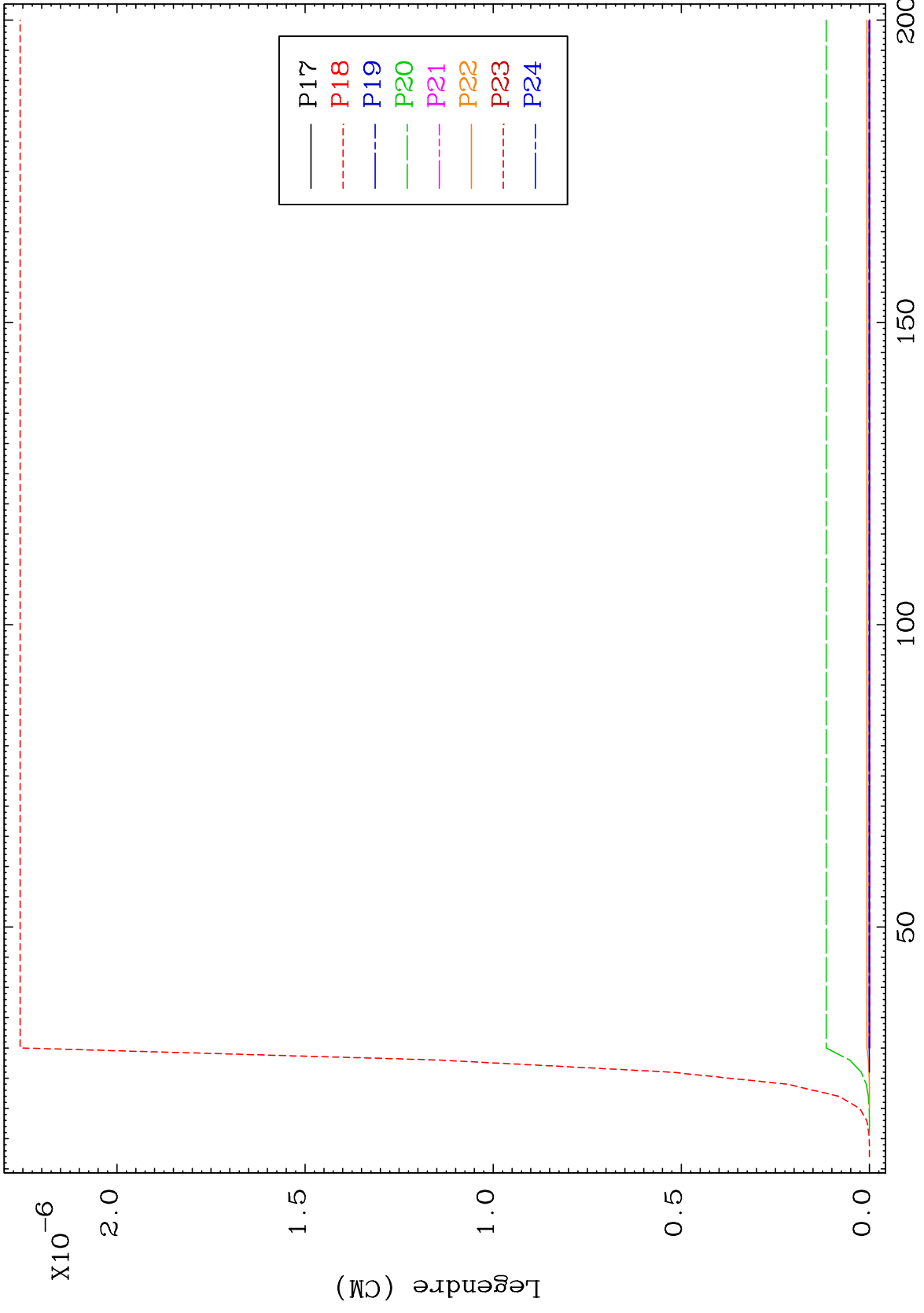


29

Incident Energy (MeV)

45-Rh-94

MAT 4498 MT= 54 (n,n') Level Legendre Coefficients 45-Rh-94

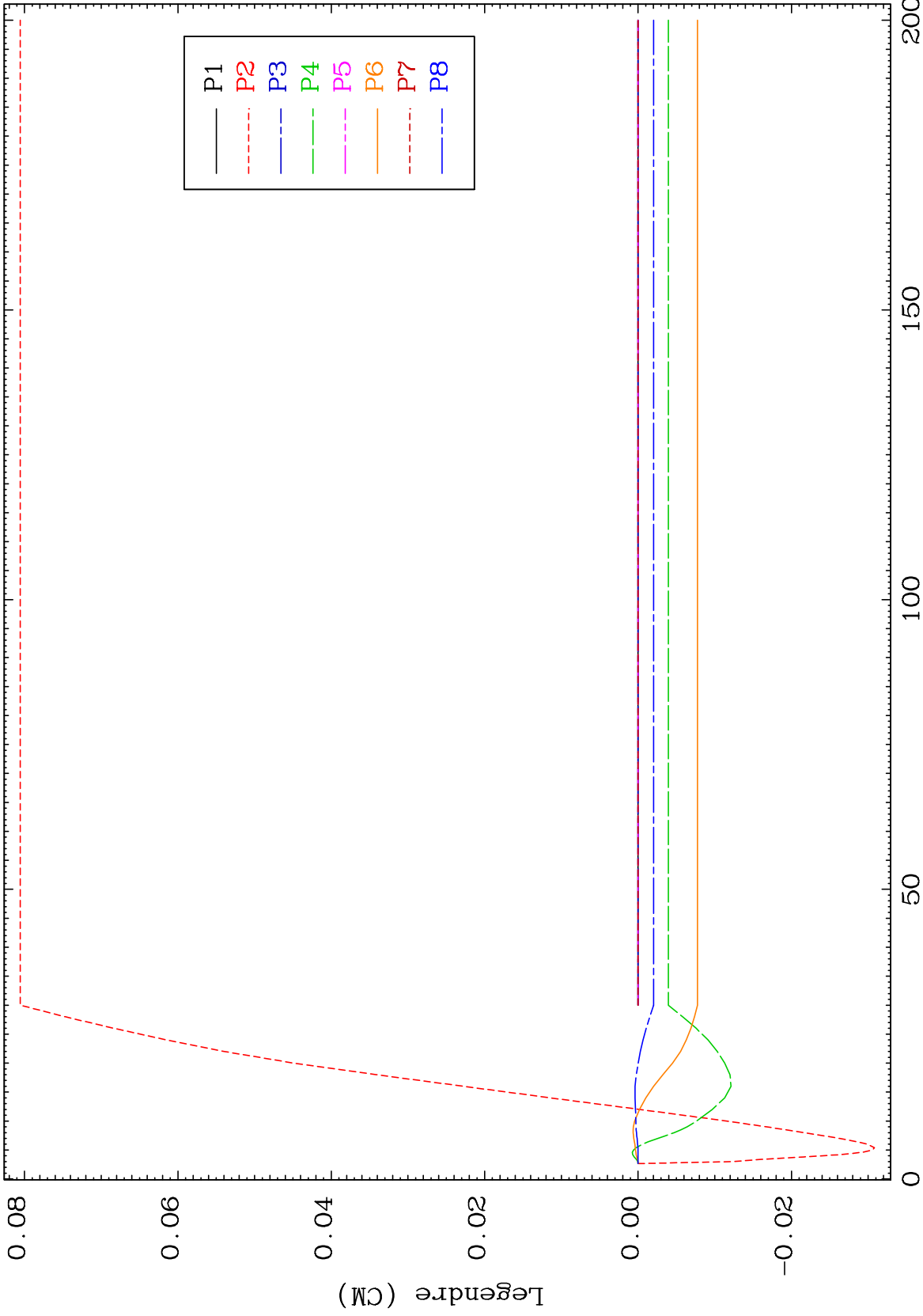


30 50 100 150 200 45-Rh-94

MAT 4498

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

45-Rh-94



31

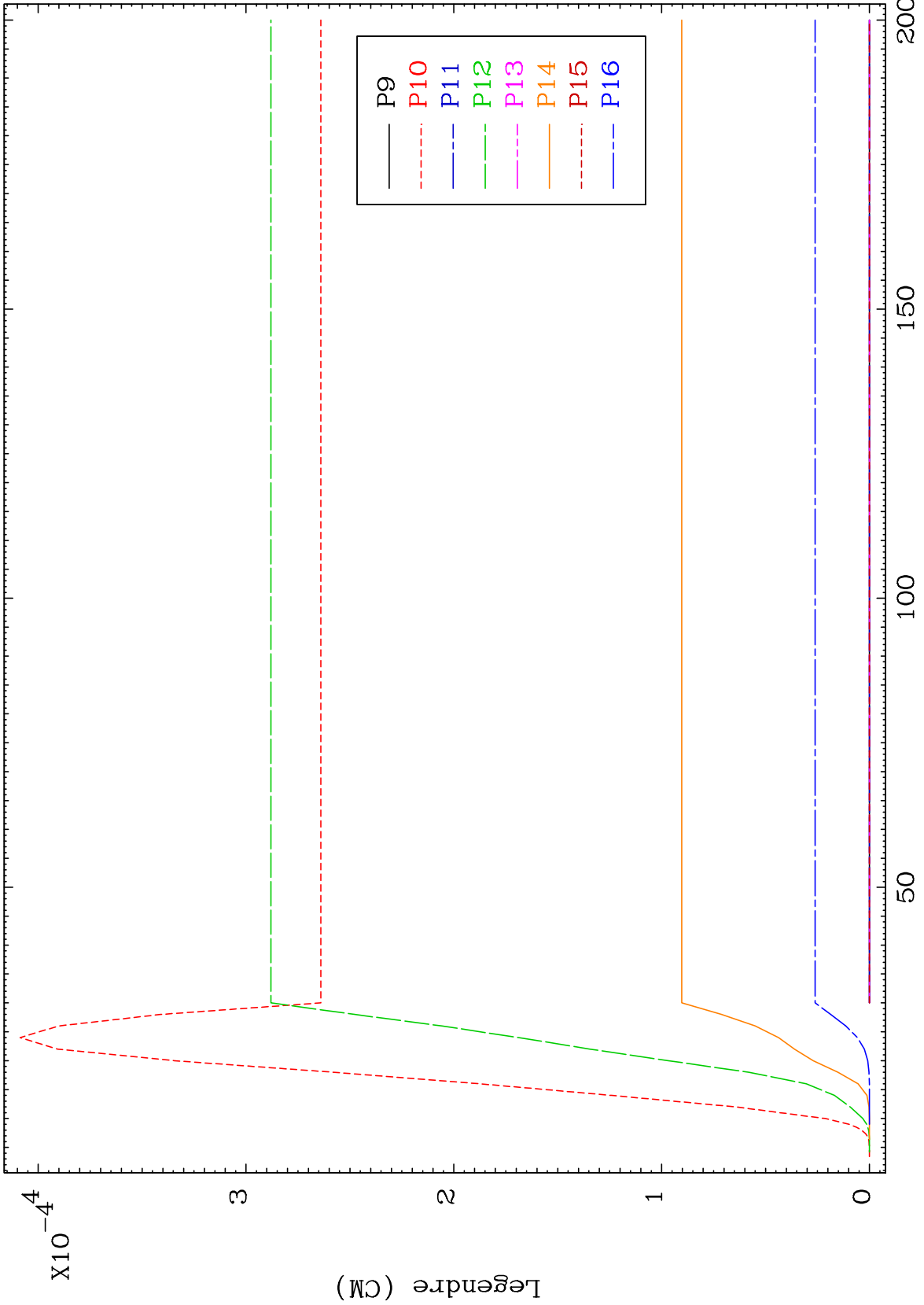
Incident Energy (MeV)

45-Rh-94

MAT 4498

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

45-Rh-94

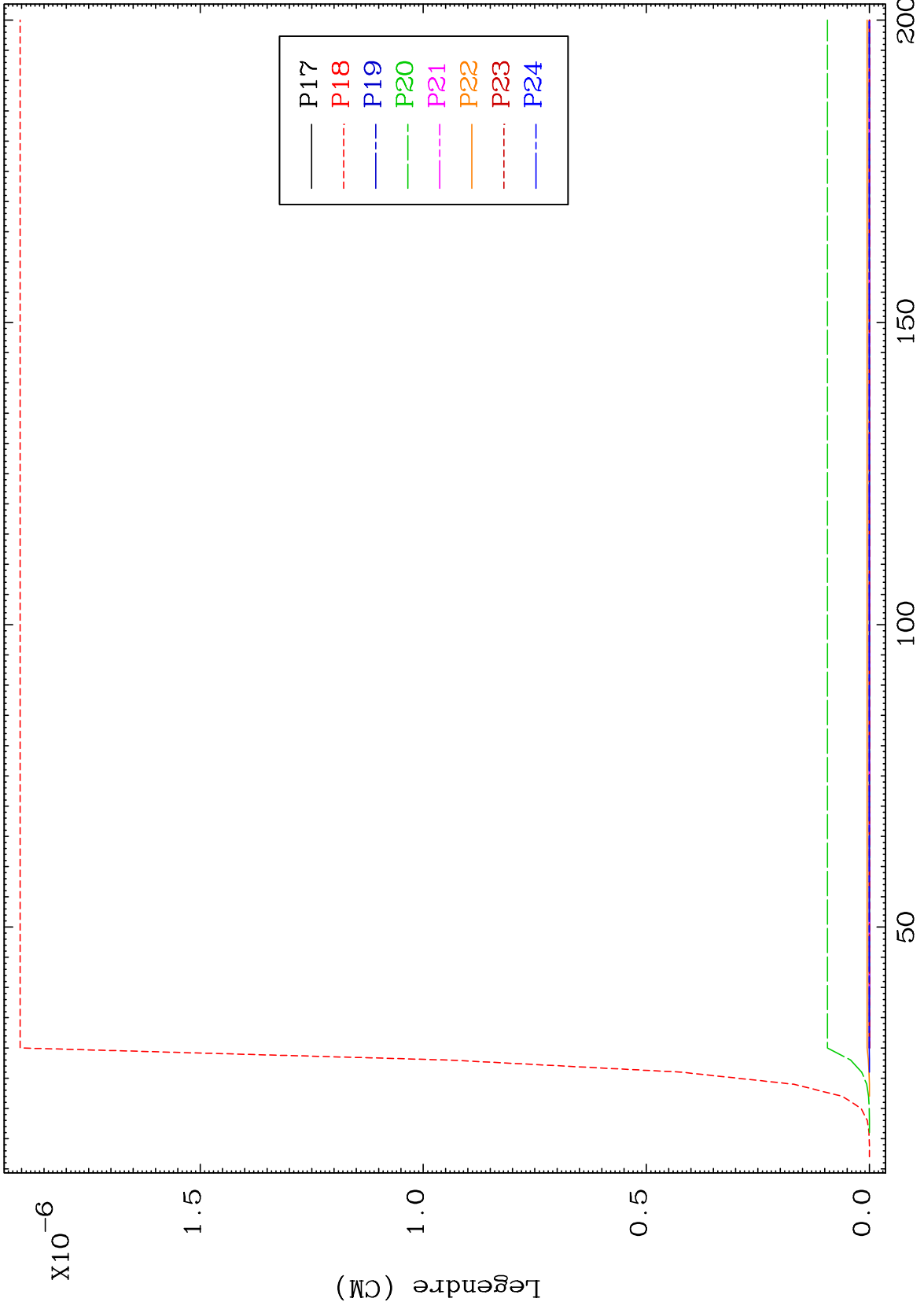


32

Incident Energy (MeV)

45-Rh-94

MAT 4498 MT= 55 (n,n') Level Legendre Coefficients 45-Rh-94

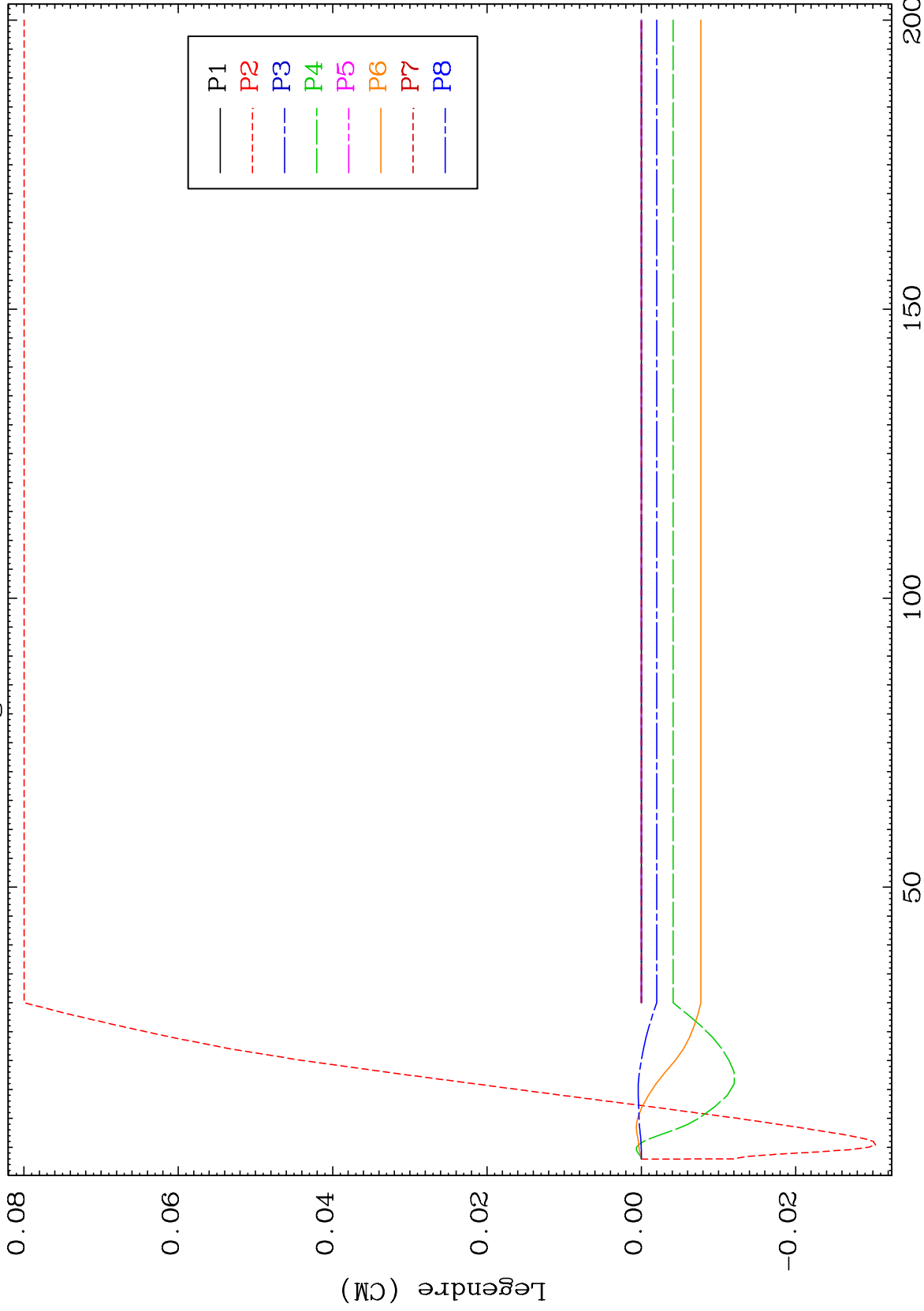


33 Incident Energy (MeV) 45-Rh-94

MAT 4498

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

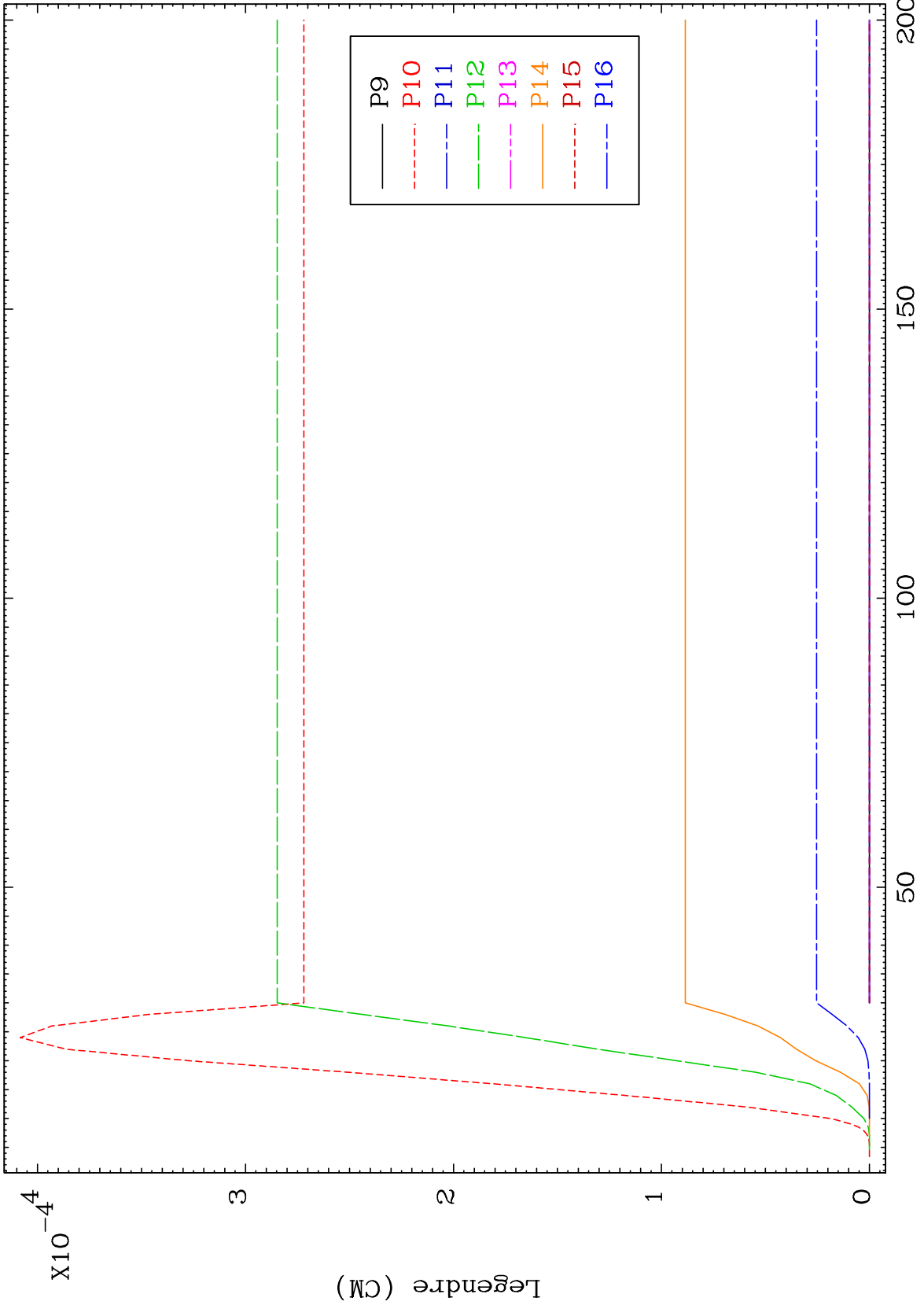
45-Rh-94



MAT 4498

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

45-Rh-94



35

50

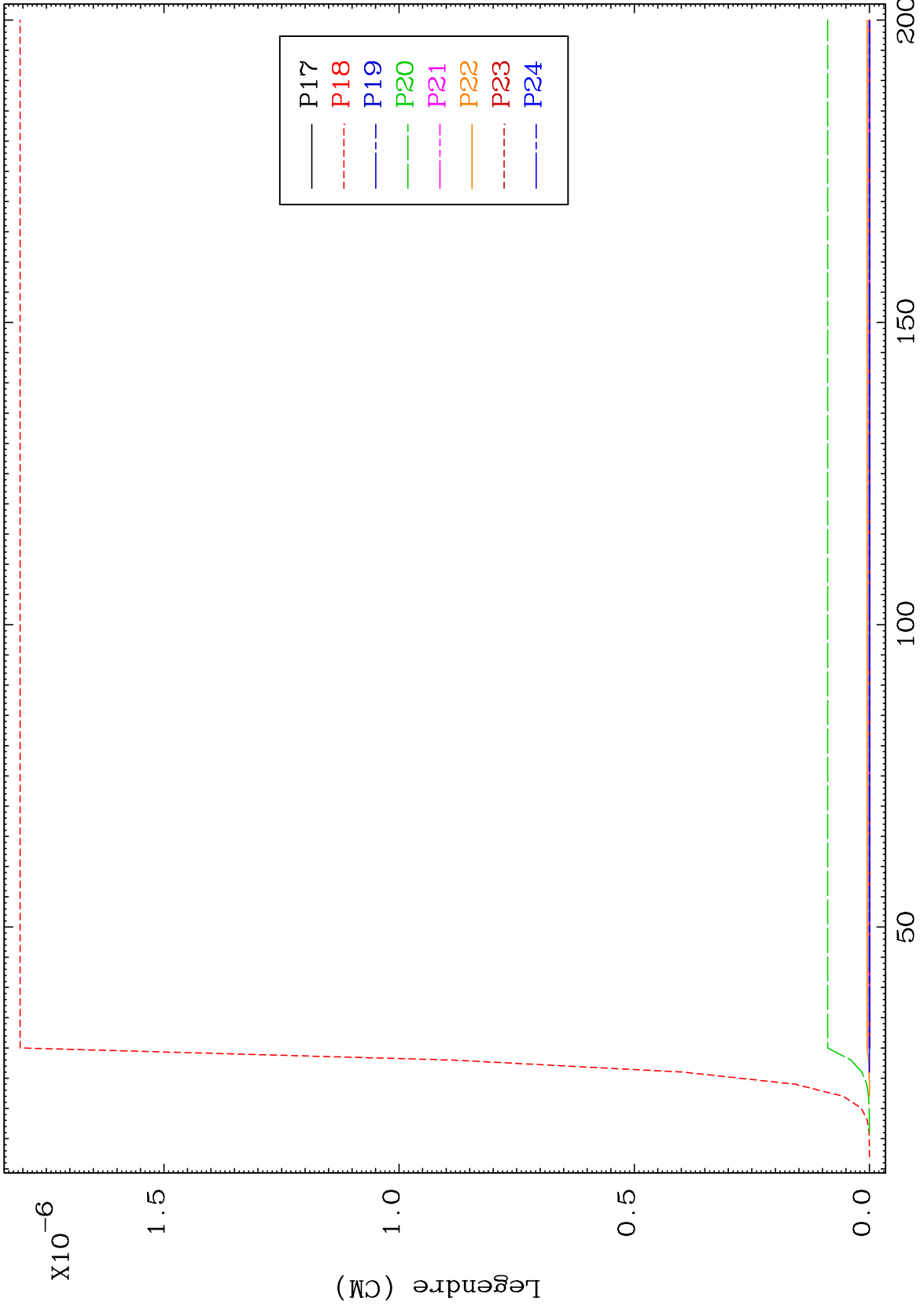
100

150

200

45-Rh-94

MAT 4498 MT= 56 (n,n') Level Legendre Coefficients 45-Rh-94

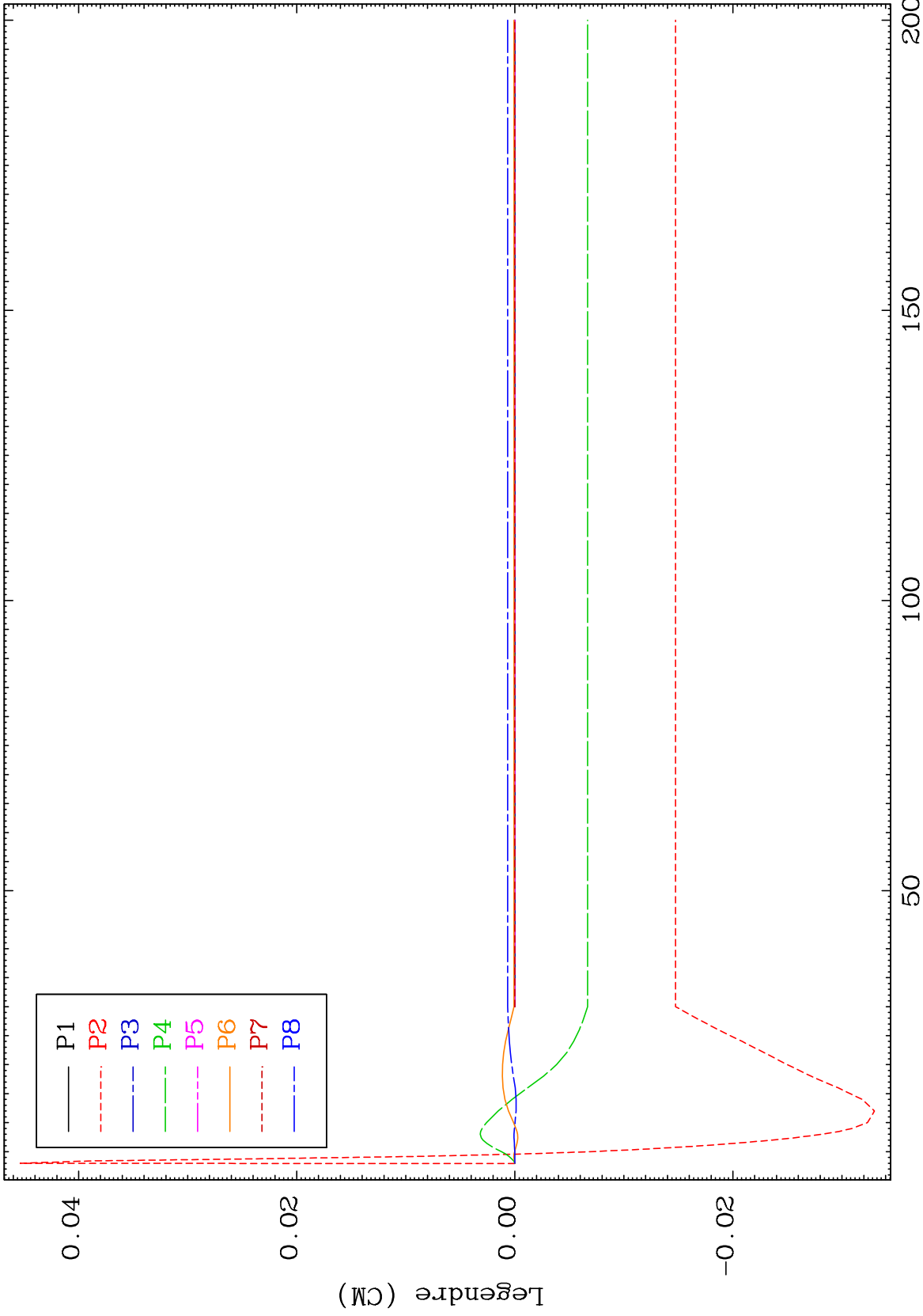


36 45-Rh-94

MAT 4498

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

45-Rh-94



37

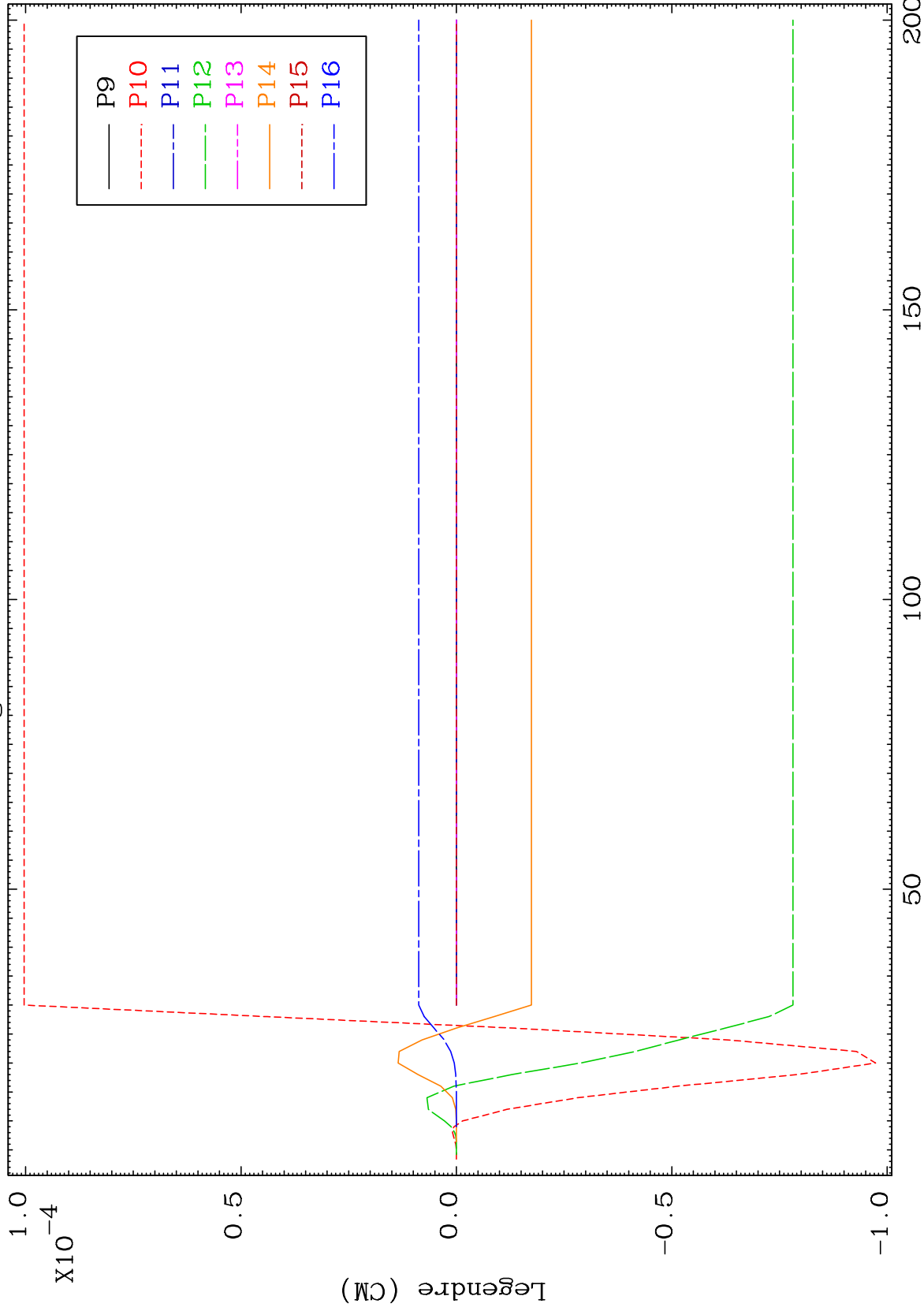
Incident Energy (MeV)

45-Rh-94

MAT 4498

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

45-Rh-94



38

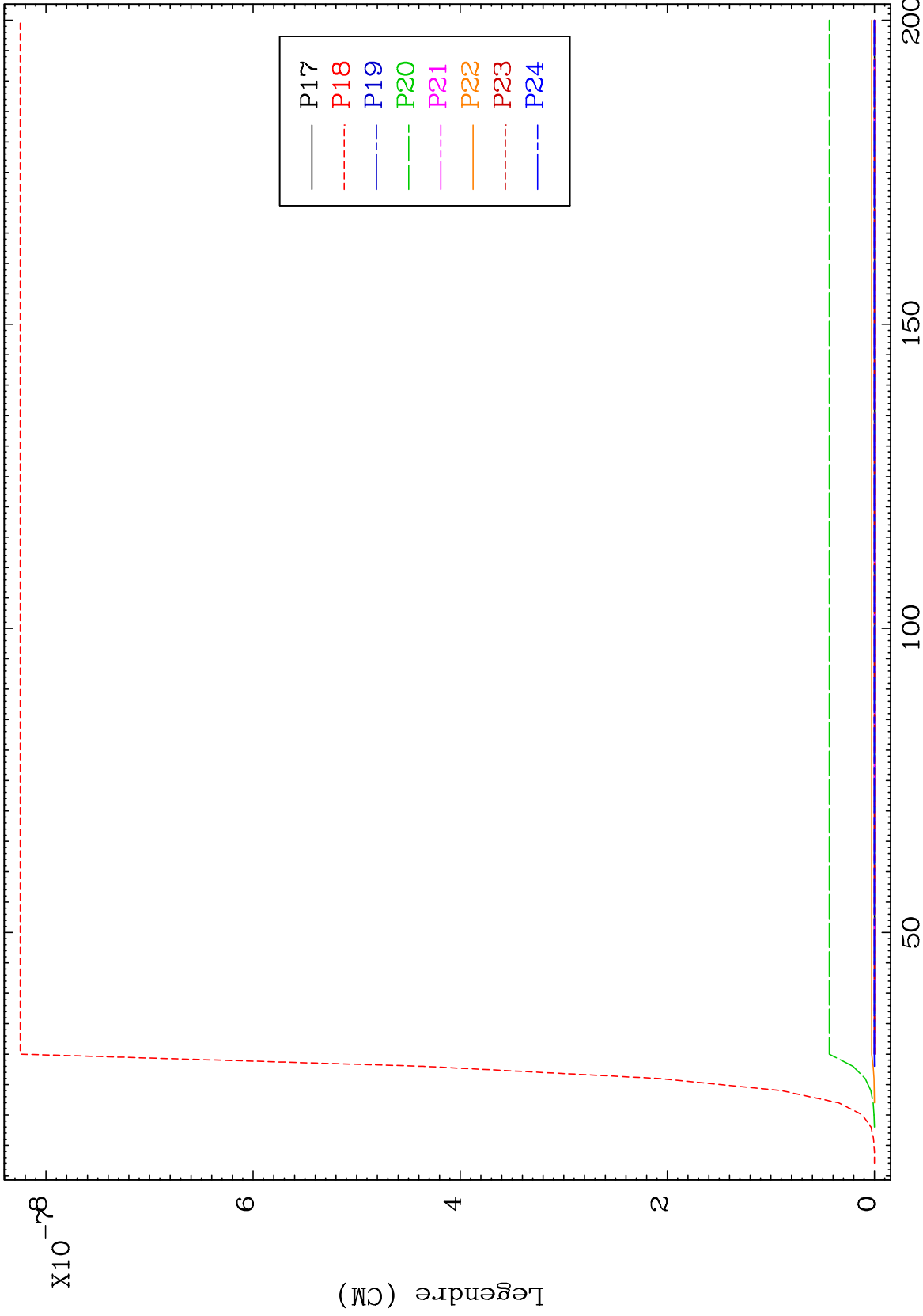
Incident Energy (MeV)

45-Rh-94

MAT 4498

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

45-Rh-94



39

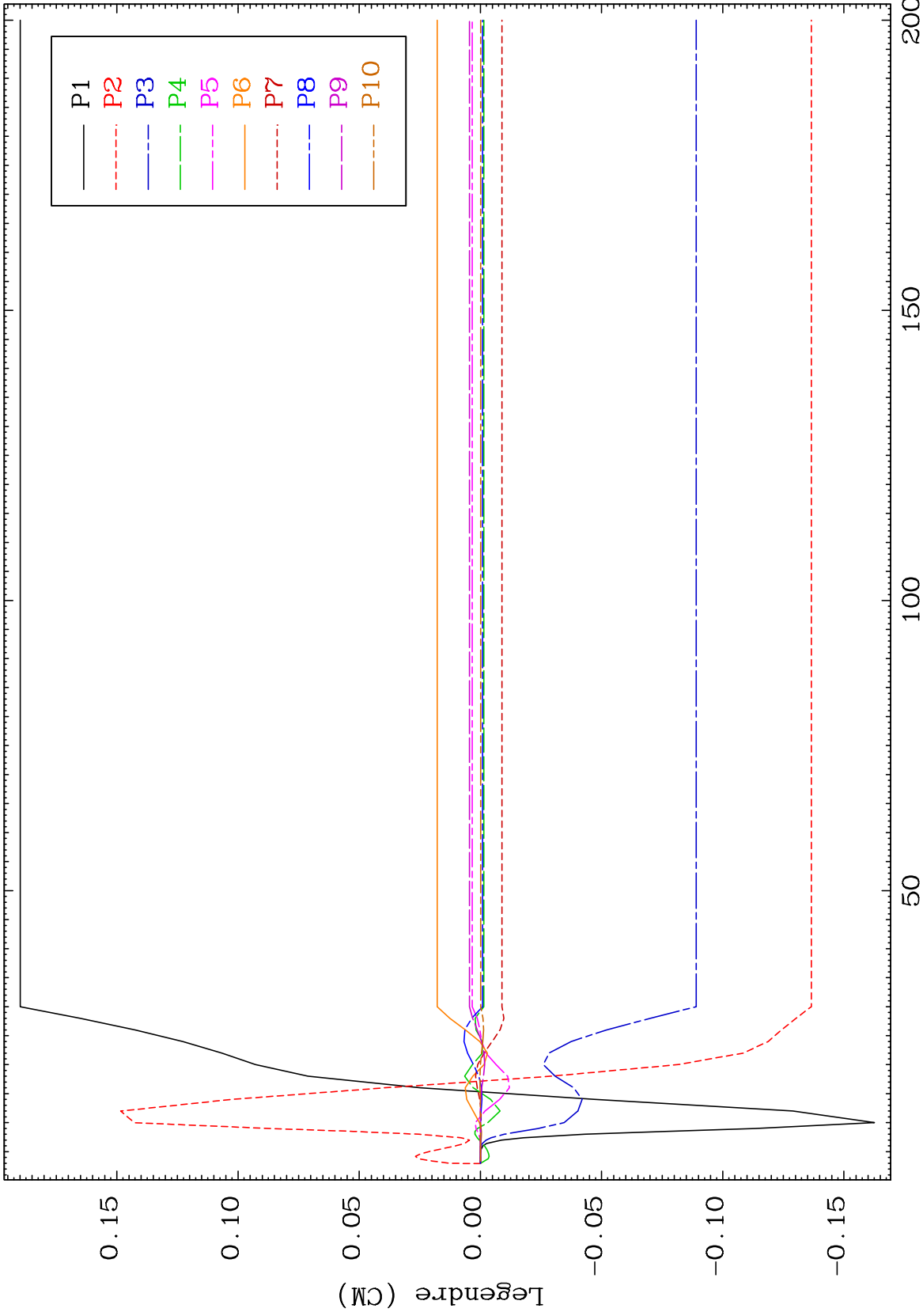
Incident Energy (MeV)

45-Rh-94

MAT 4498

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

45-Rh-94



40

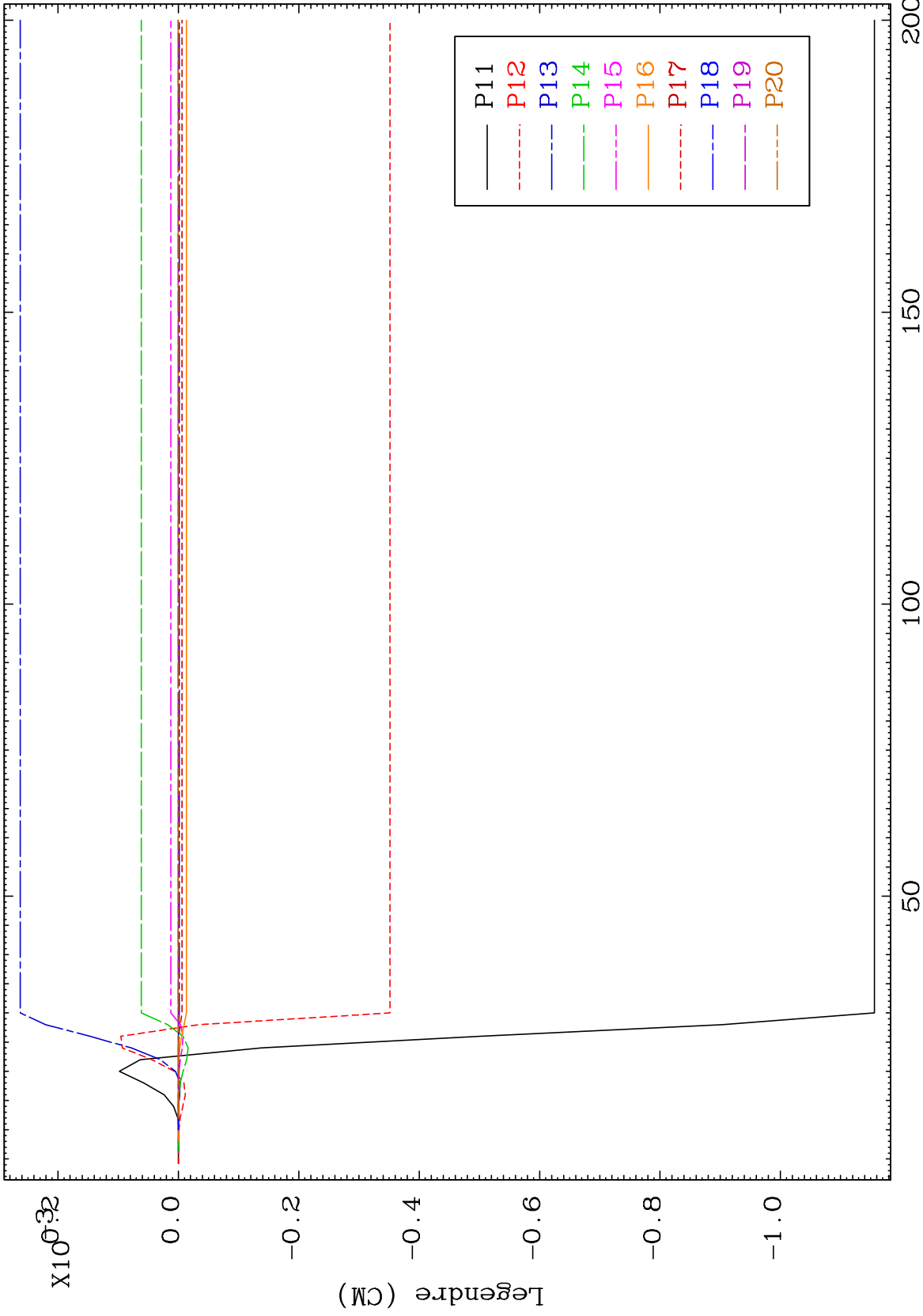
Incident Energy (MeV)

45-Rh-94

MAT 4498

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

45-Rh-94



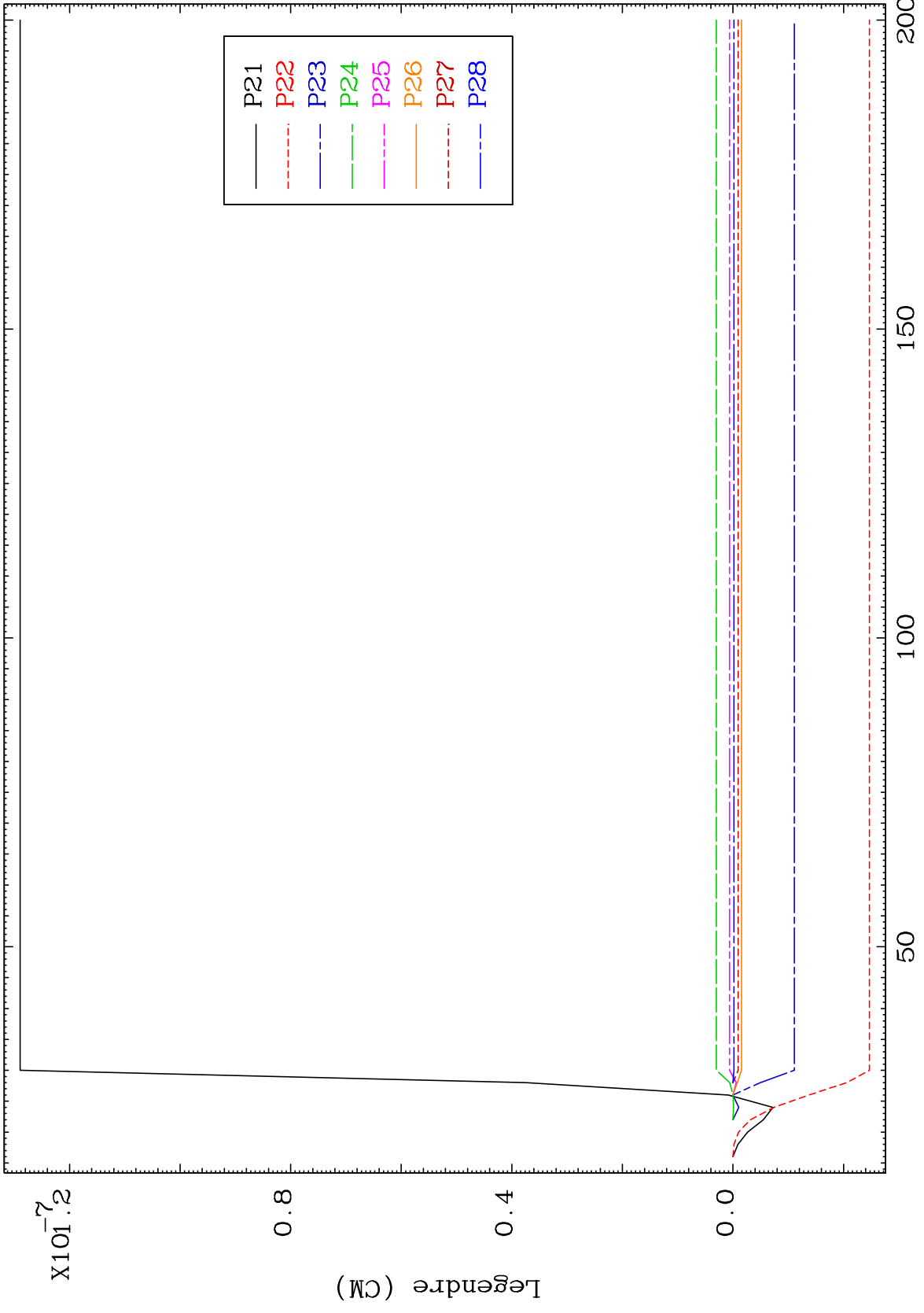
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45-Rh-94

MAT 4498

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

45-Rh-94



42

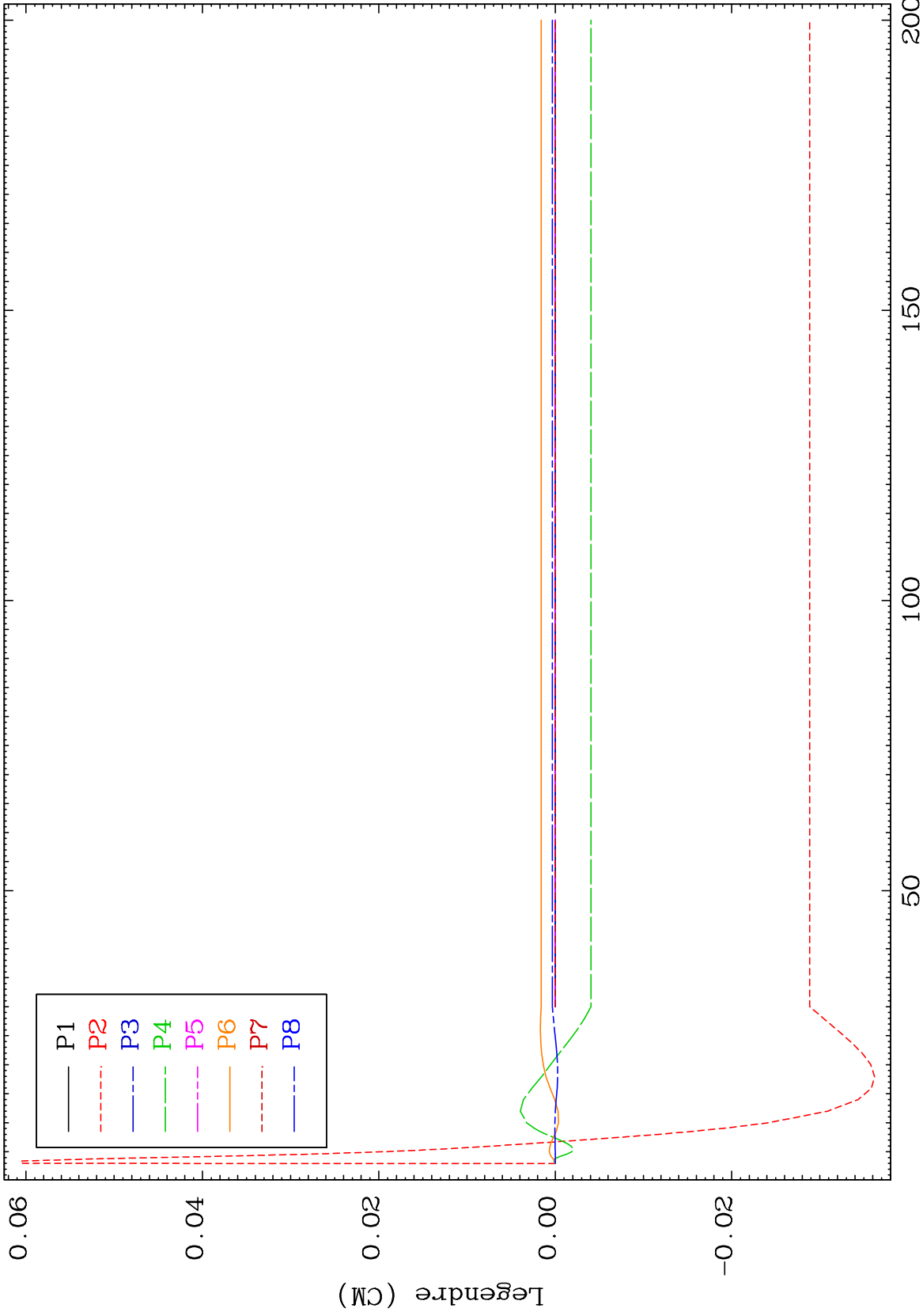
Incident Energy (MeV)

45-Rh-94

MAT 4498

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

45-Rh-94



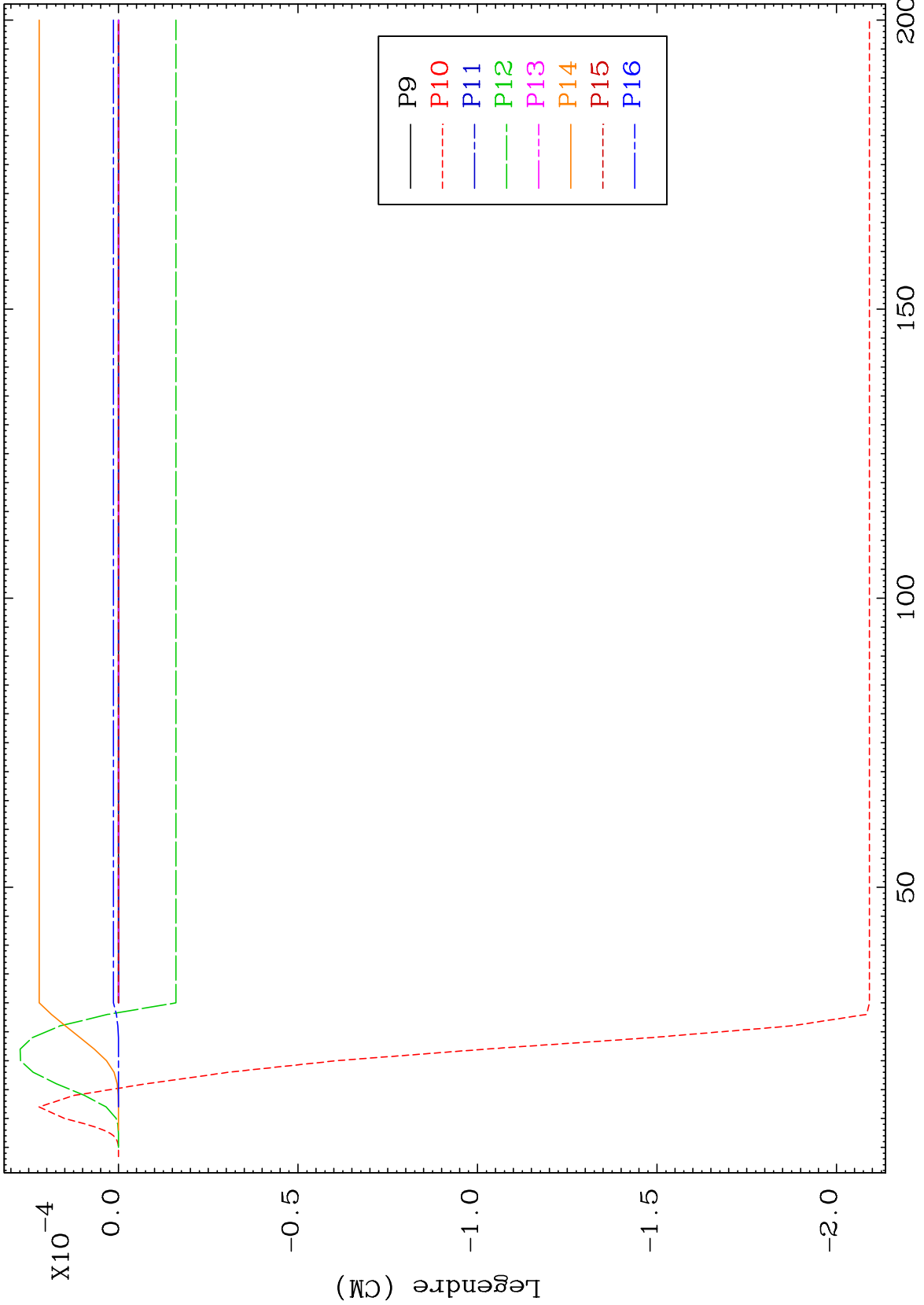
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45-Rh-94

MAT 4498

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

45-Rh-94

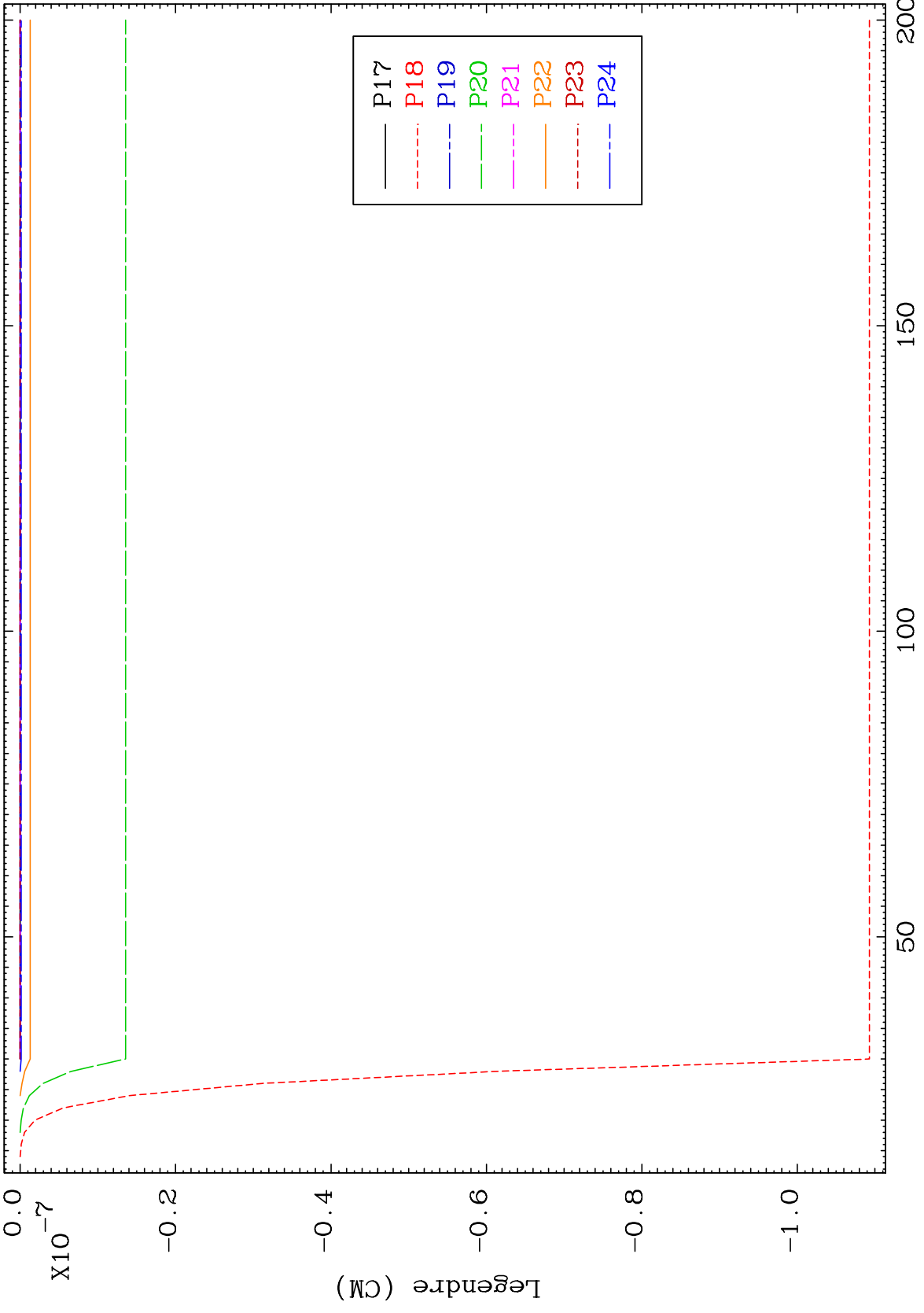


44

Incident Energy (MeV)

45-Rh-94

MAT 4498 MT= 59 (n,n') Level Legendre Coefficients 45-Rh-94

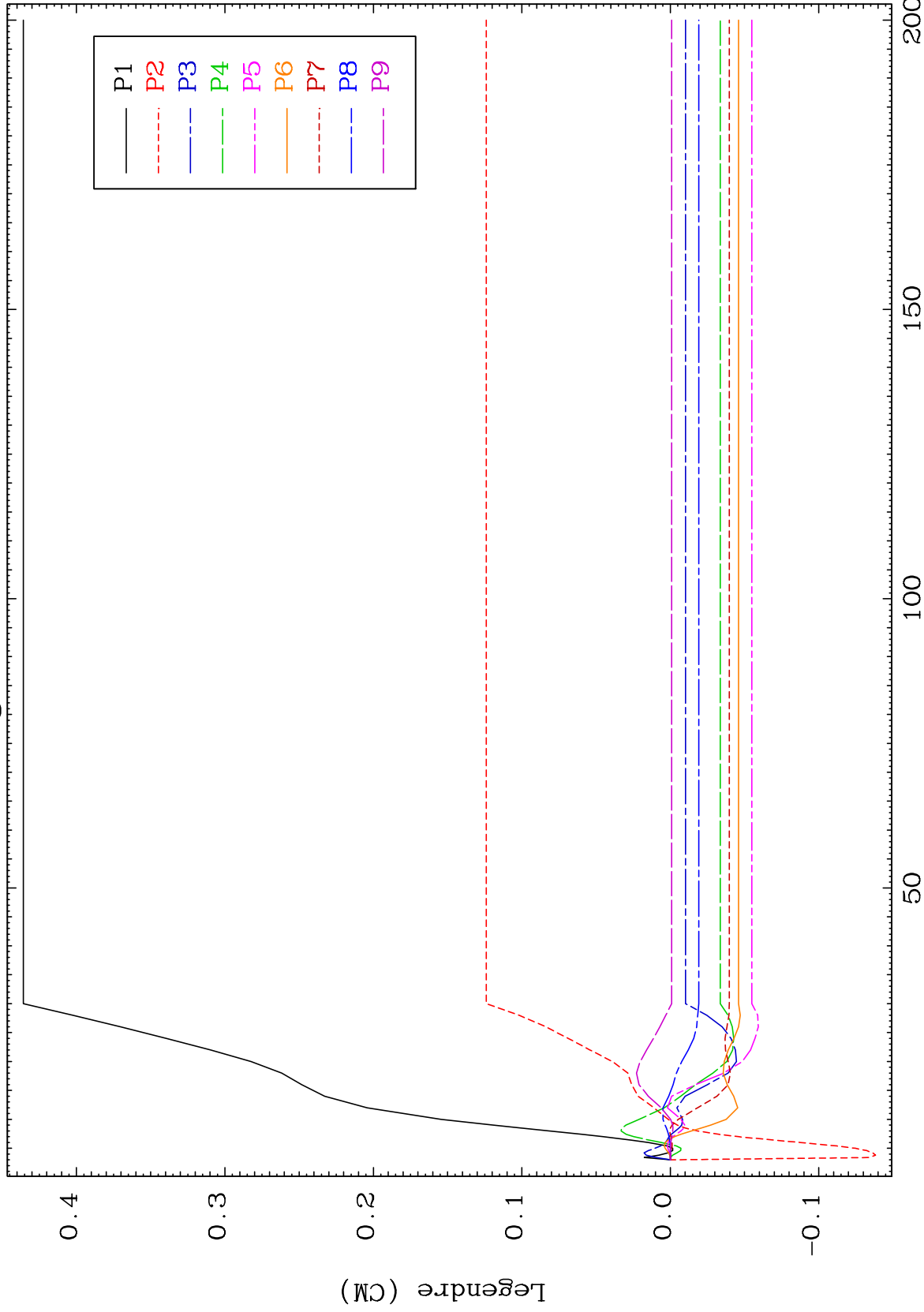


45 45-Rh-94

MAT 4498

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

45-Rh-94



46

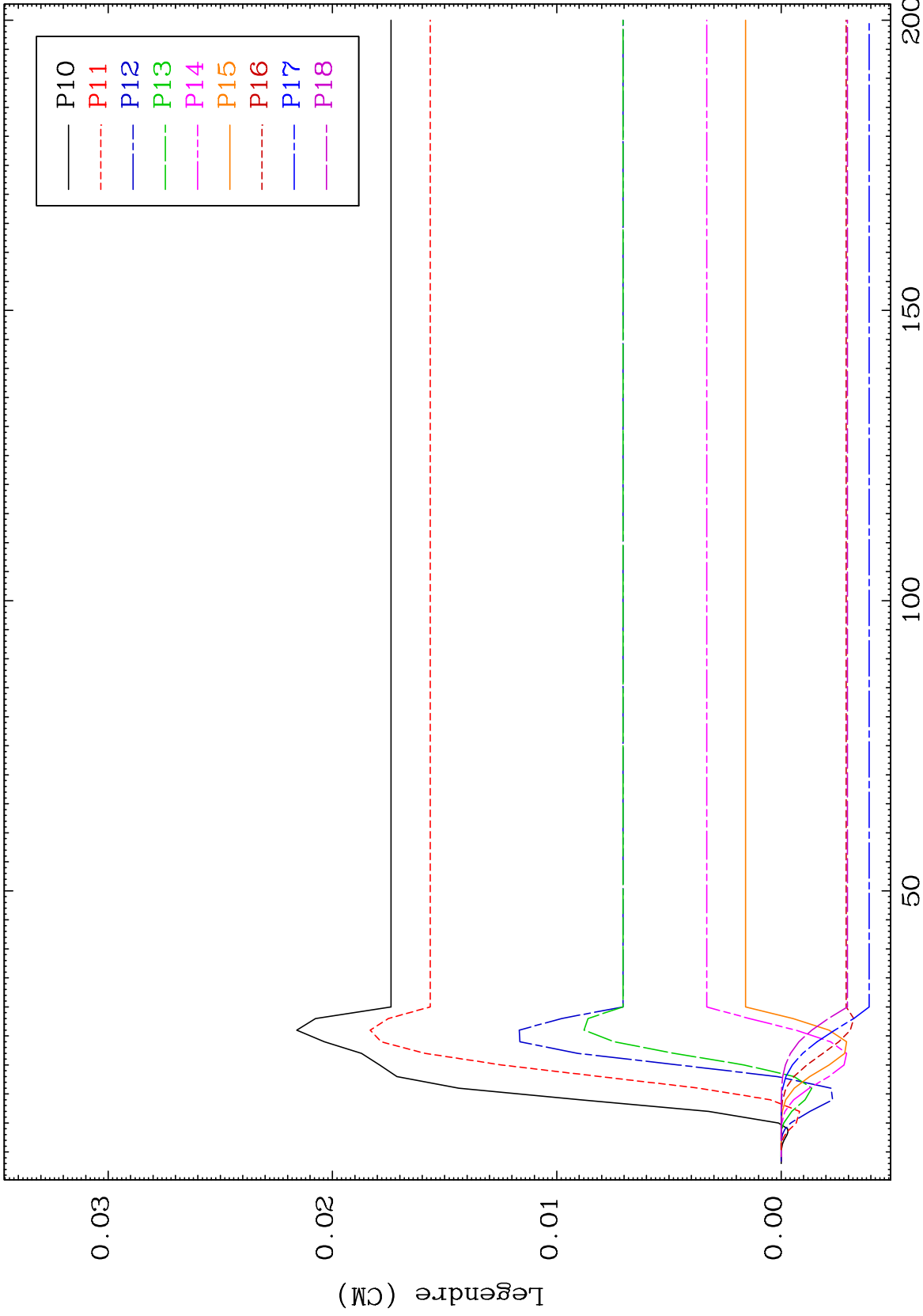
Incident Energy (MeV)

45-Rh-94

MAT 4498

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

45-Rh-94



47

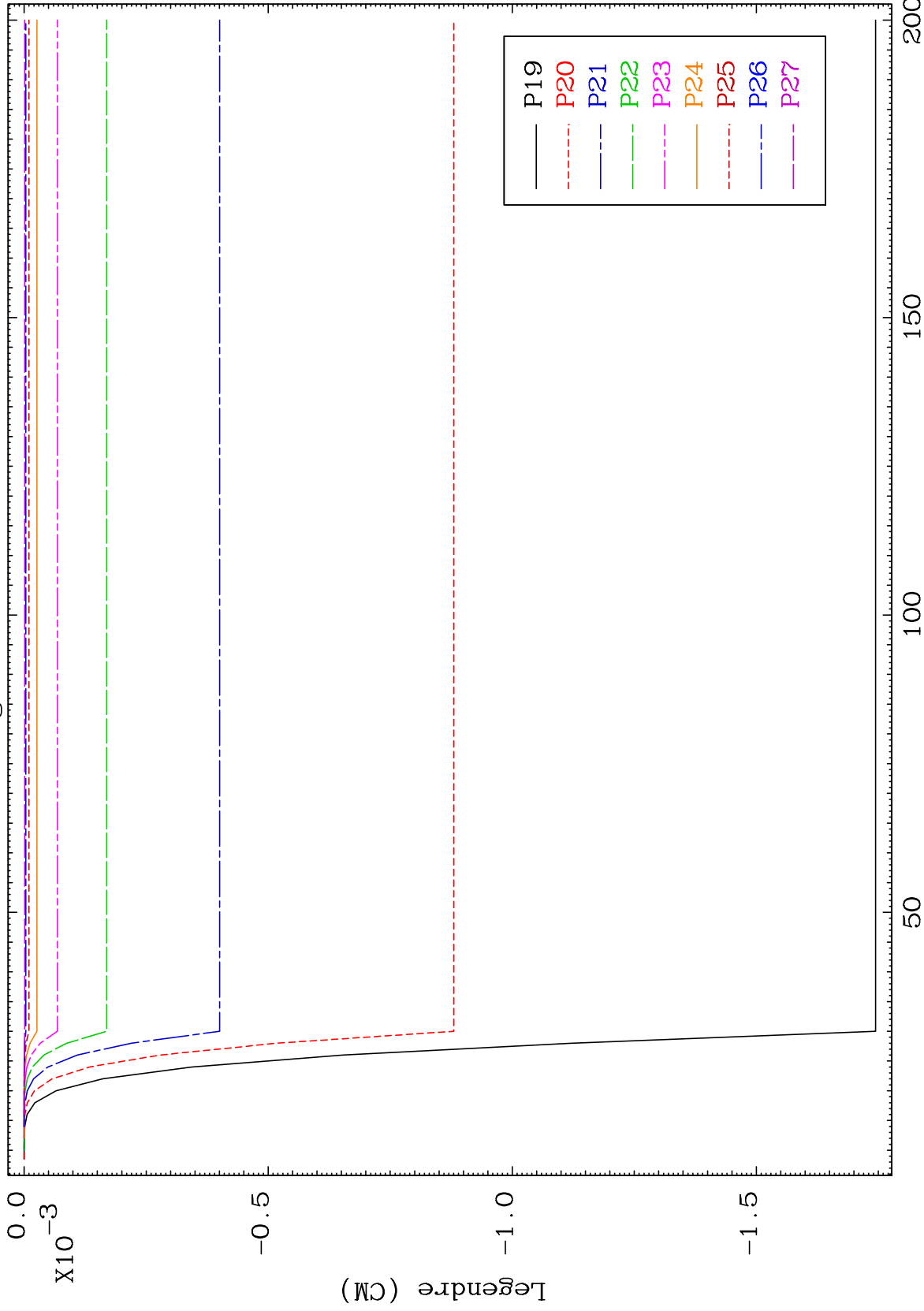
Incident Energy (MeV)

45-Rh-94

MAT 4498

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

45-Rh-94

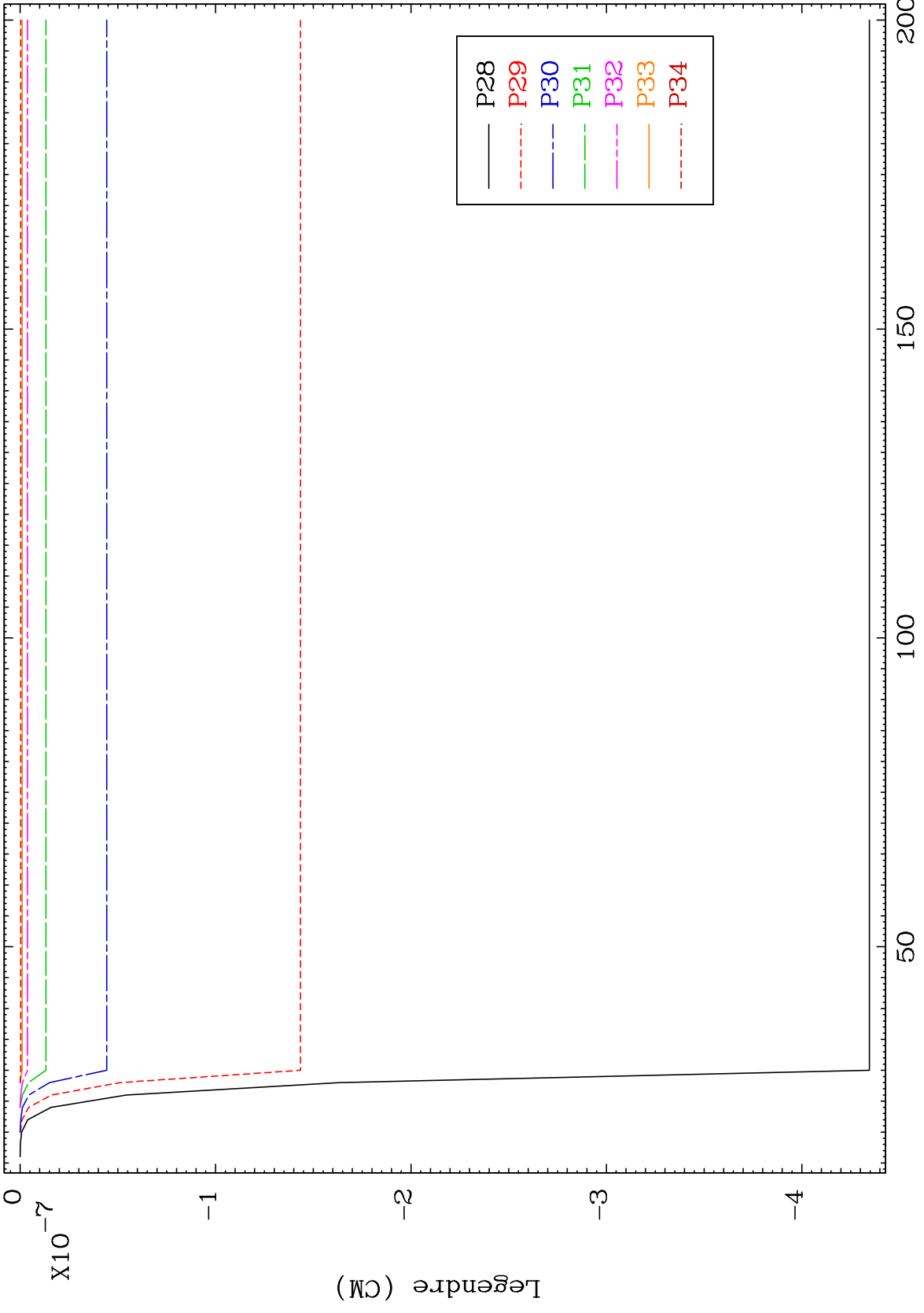


48

Incident Energy (MeV)

45-Rh-94

MAT 4498 MT= 60 (n,n') Level Legendre Coefficients 45-Rh-94

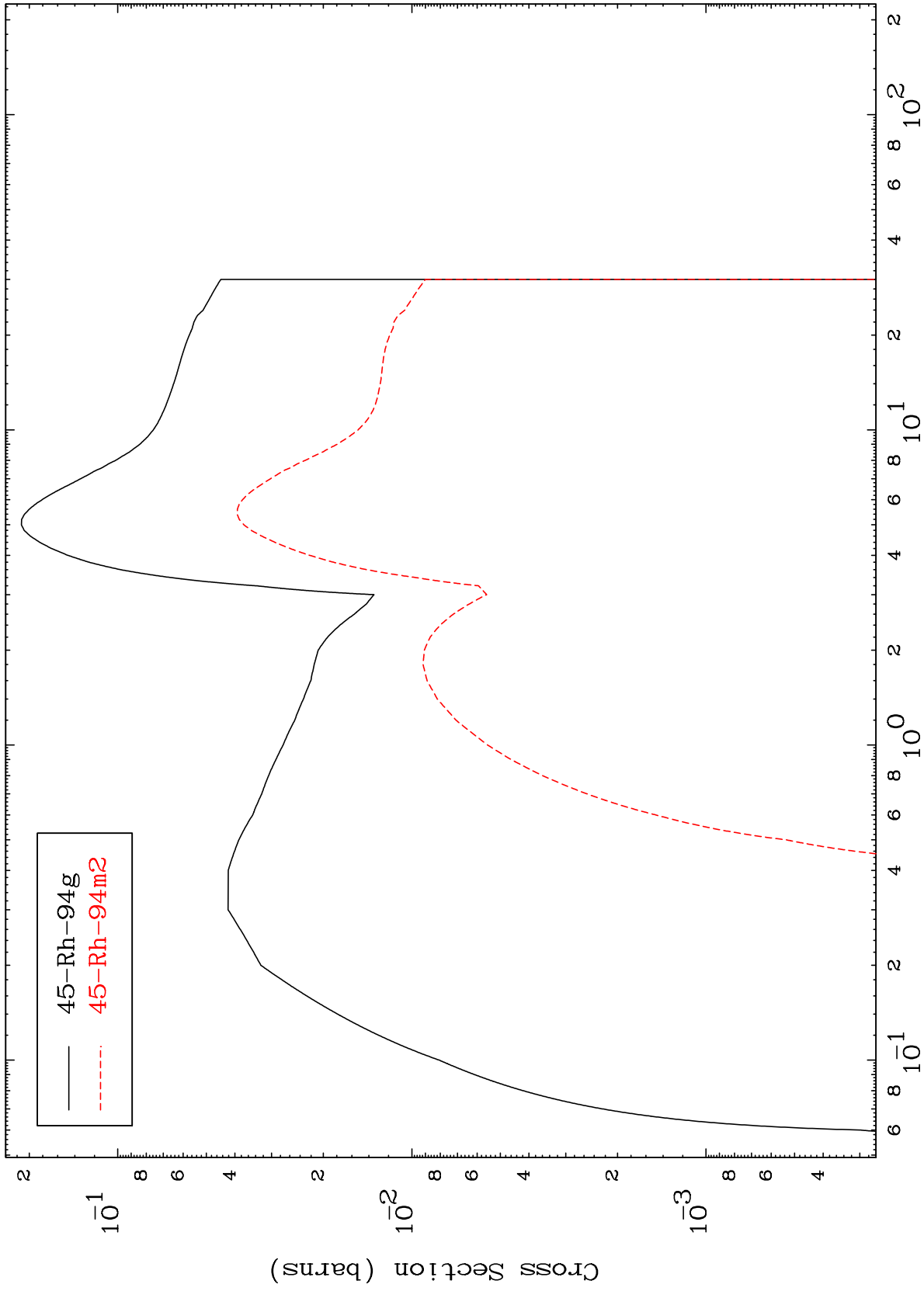


49 45-Rh-94

MAT 4498

45-Rh-94

Inelastic Radionuclide Production Cross Section



— 45-Rh-94g
- - - 45-Rh-94m2

50

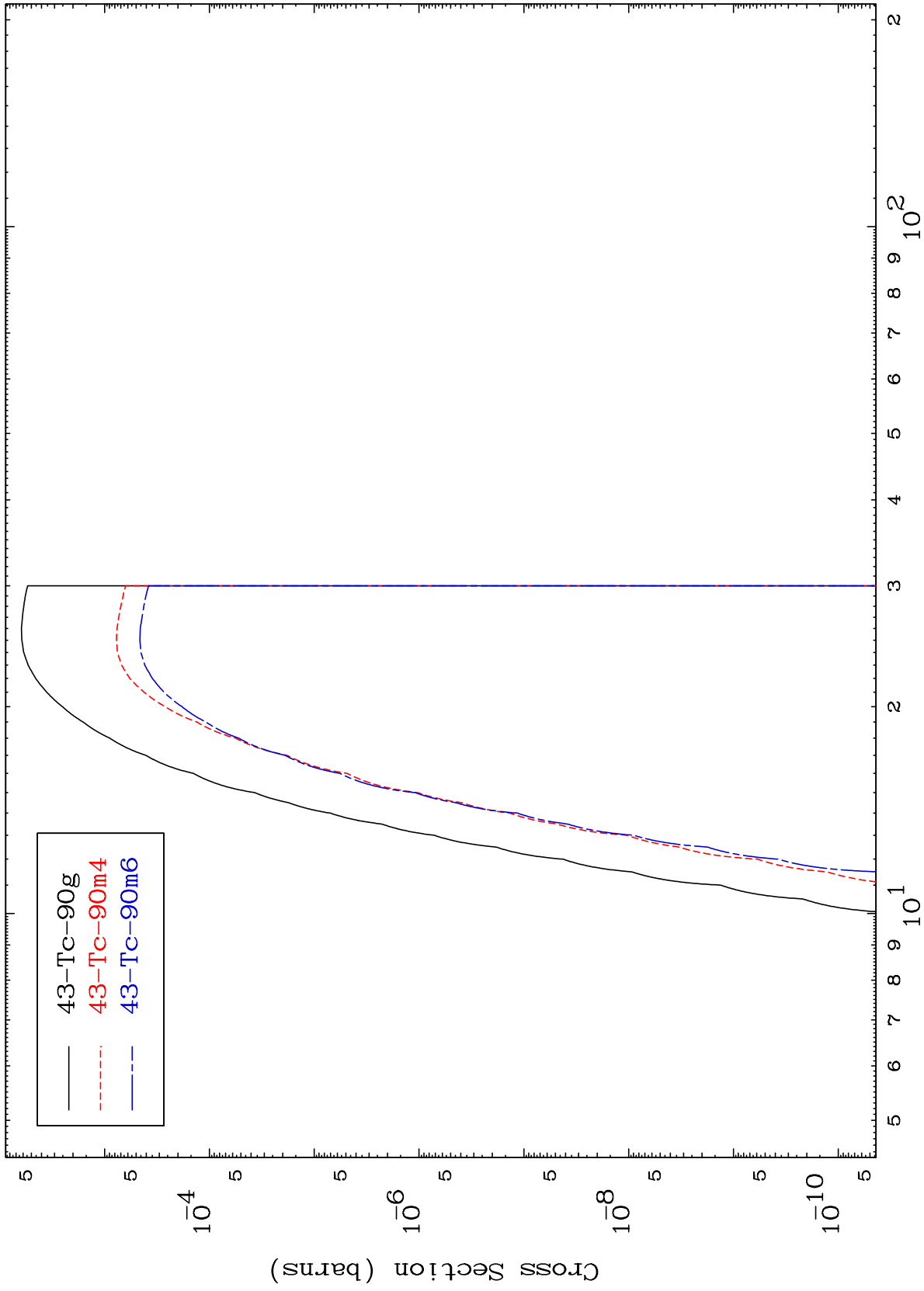
45-Rh-94

MAT 4498

(n,n') α

45-Rh-94

Radionuclide Production Cross Section



51

Incident Energy (MeV)

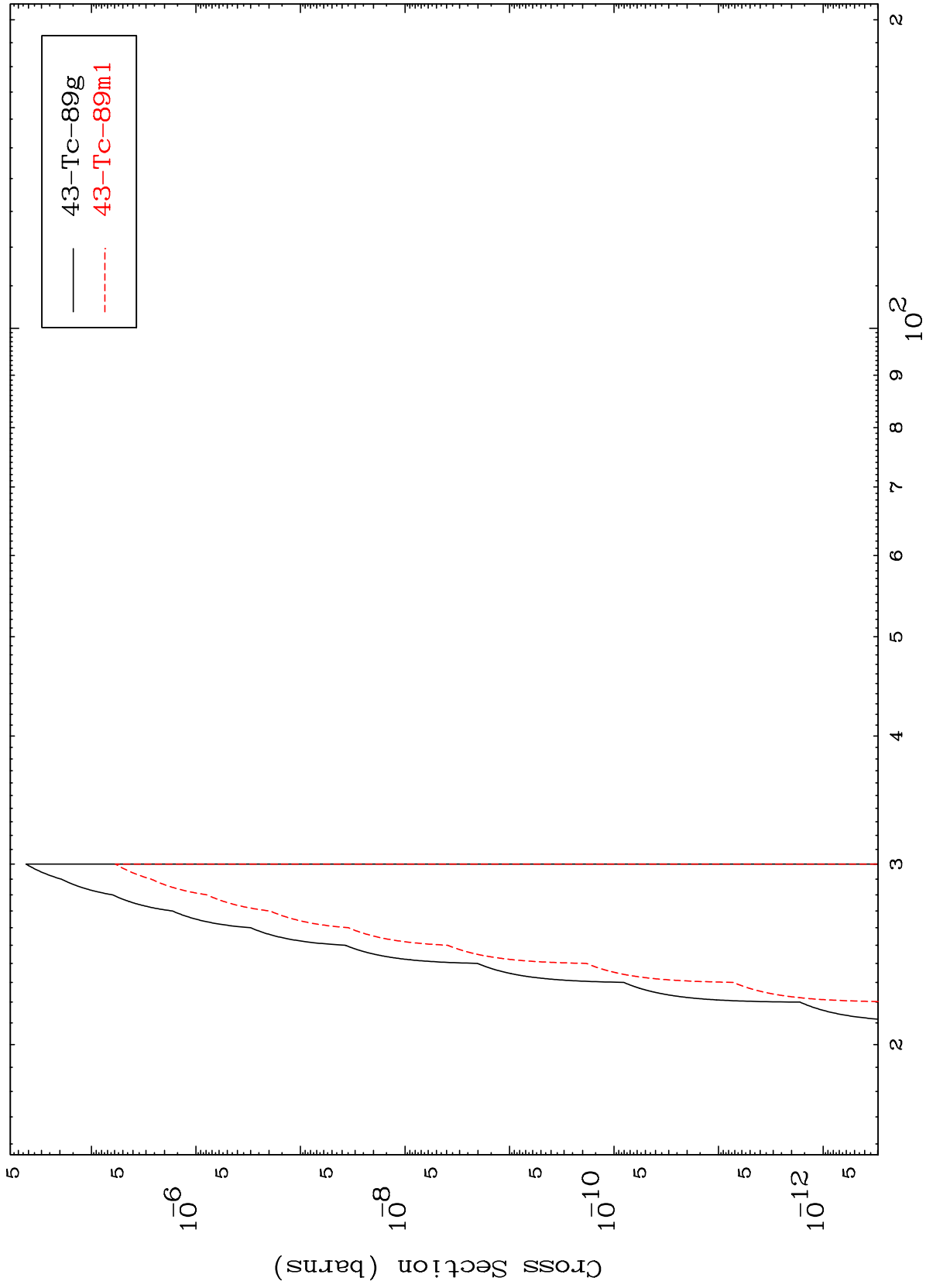
45-Rh-94

MAT 4498

(n,2n) α

45-Rh-94

Radionuclide Production Cross Section



52

Incident Energy (MeV)

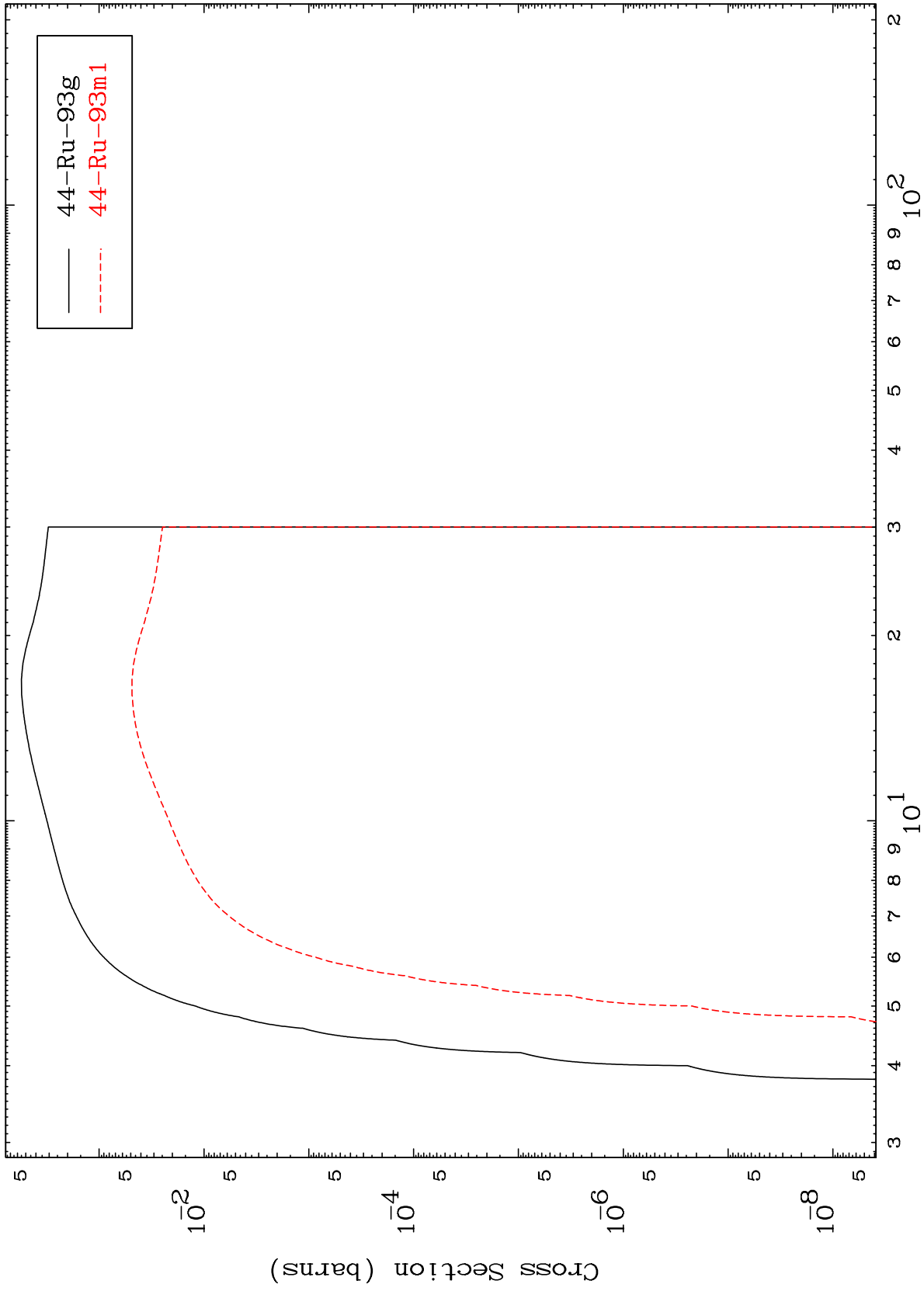
45-Rh-94

MAT 4498

(n,n') p

45-Rh-94

Radionuclide Production Cross Section



53

Incident Energy (MeV)

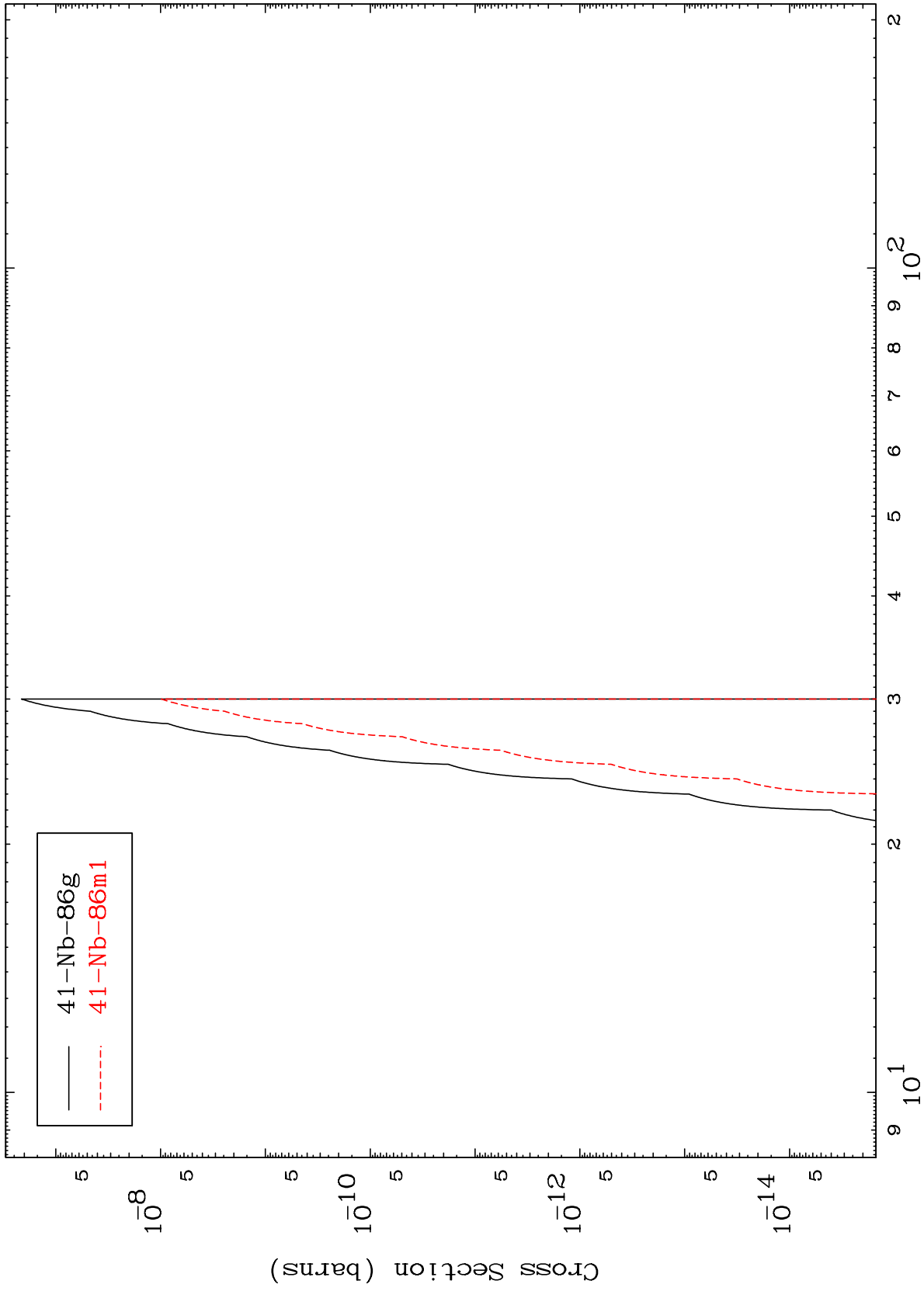
45-Rh-94

MAT 4498

(n,n') 2α

45-Rh-94

Radionuclide Production Cross Section



54

Incident Energy (MeV)

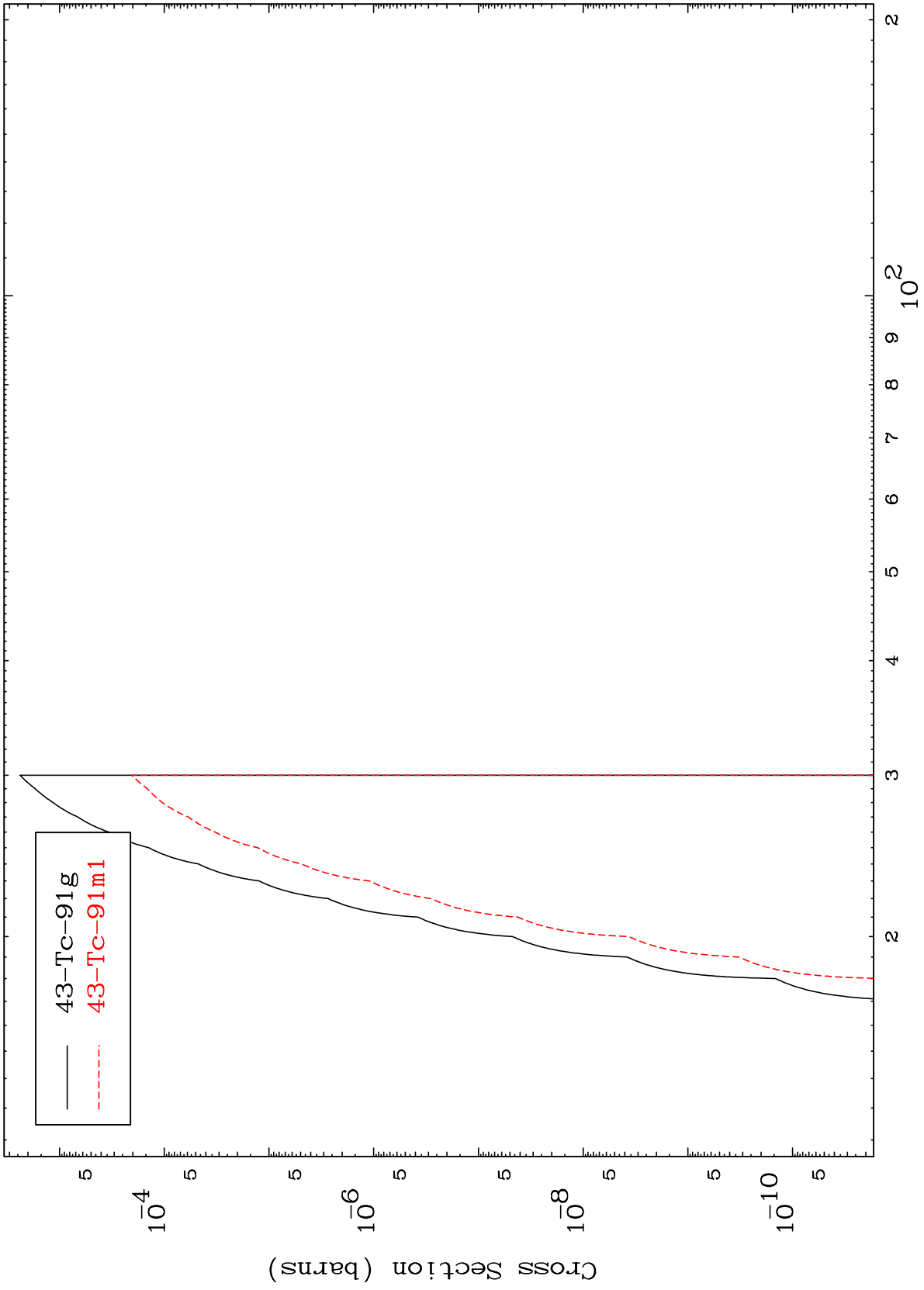
45-Rh-94

MAT 4498

(n, n') He-3

45-Rh-94

Radionuclide Production Cross Section



55

Incident Energy (MeV)

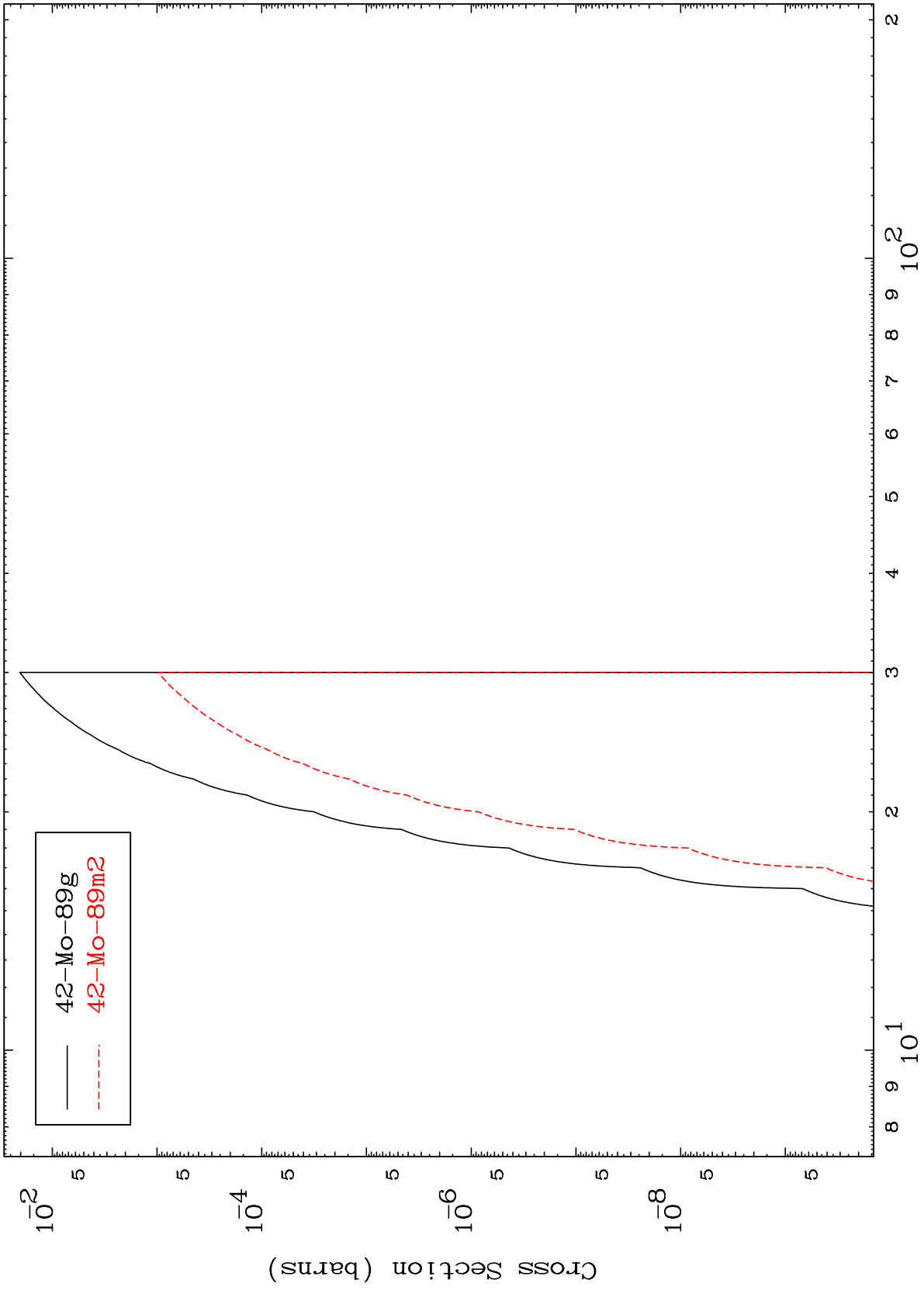
45-Rh-94

MAT 4498

(n,n') p α

45-Rh-94

Radionuclide Production Cross Section



56

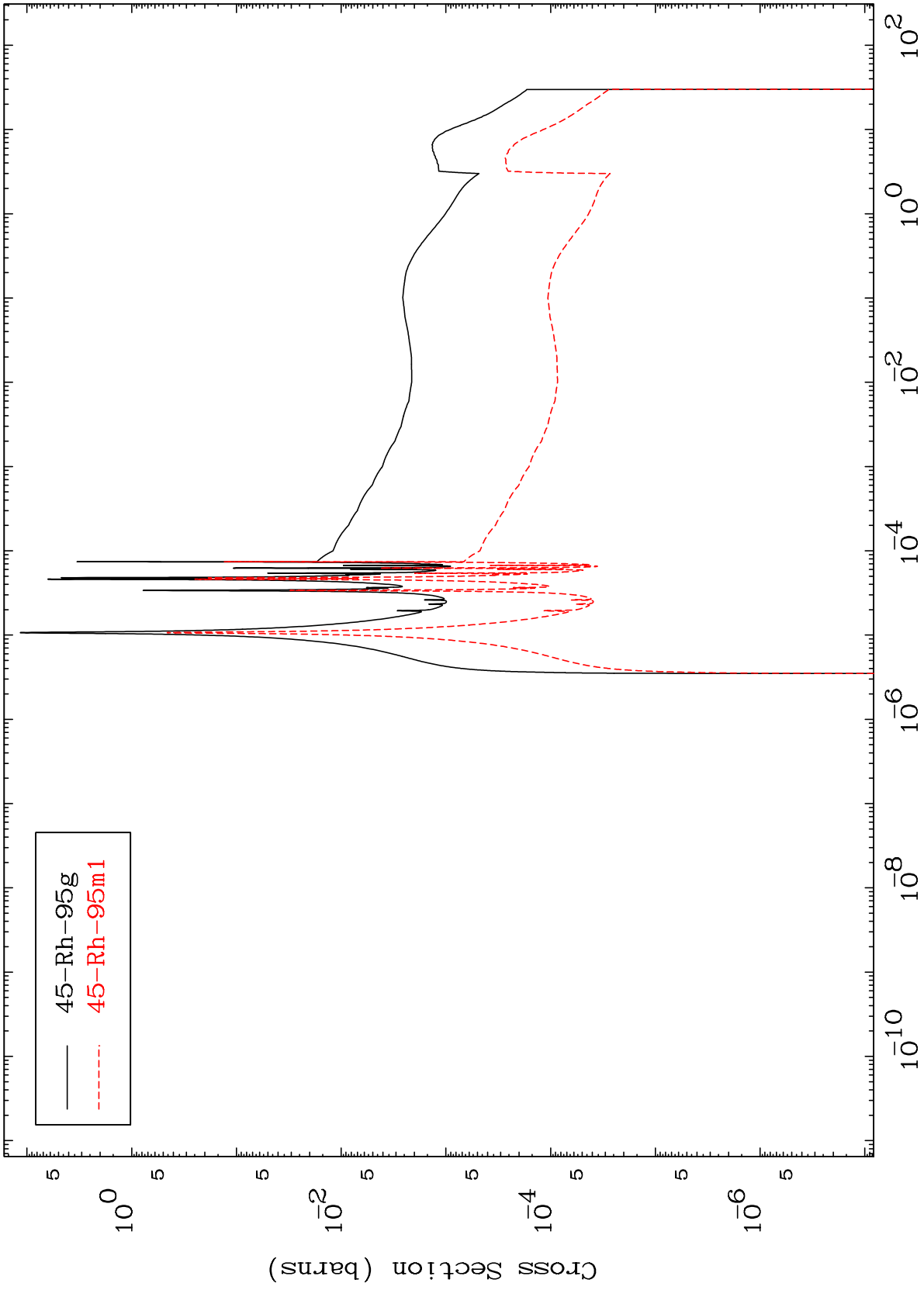
Incident Energy (MeV)

45-Rh-94

MAT 4498

45-Rh-94

Radionuclide Production Cross Section



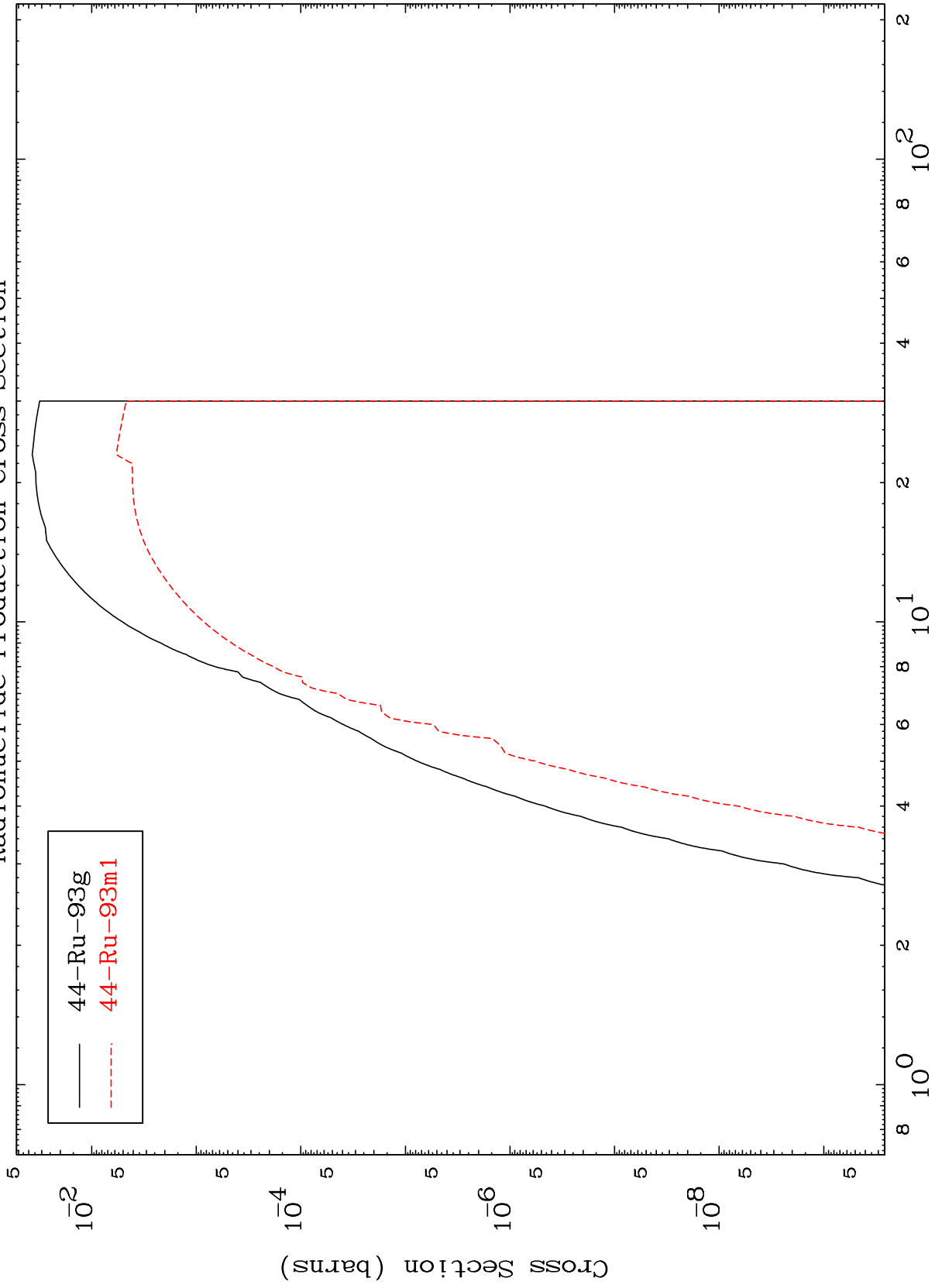
57

45-Rh-94

MAT 4498

(n,d)
Radionuclide Production Cross Section

45-Rh-94



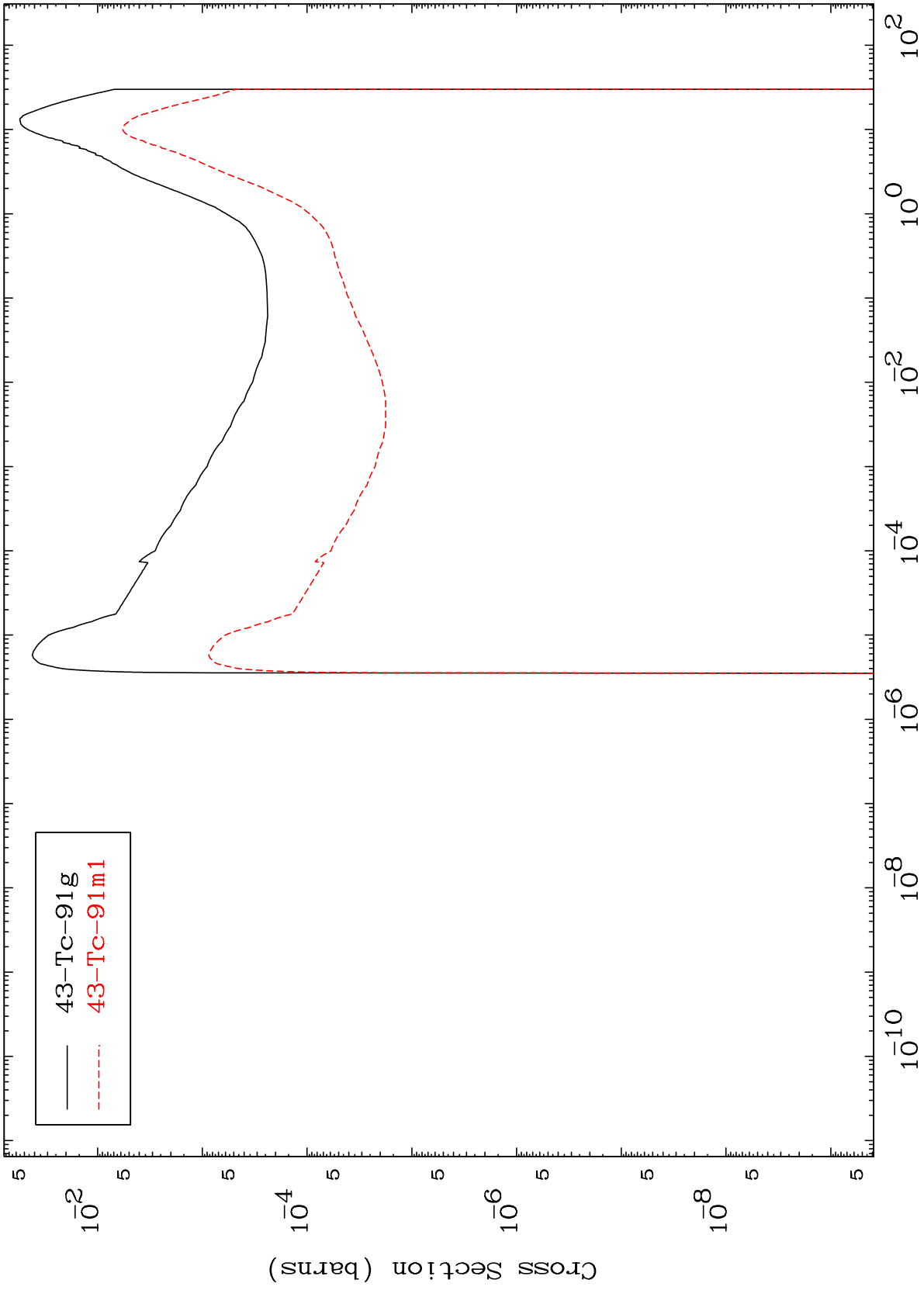
58

45-Rh-94

MAT 4498

45-Rh-94

(n, α)
Radionuclide Production Cross Section



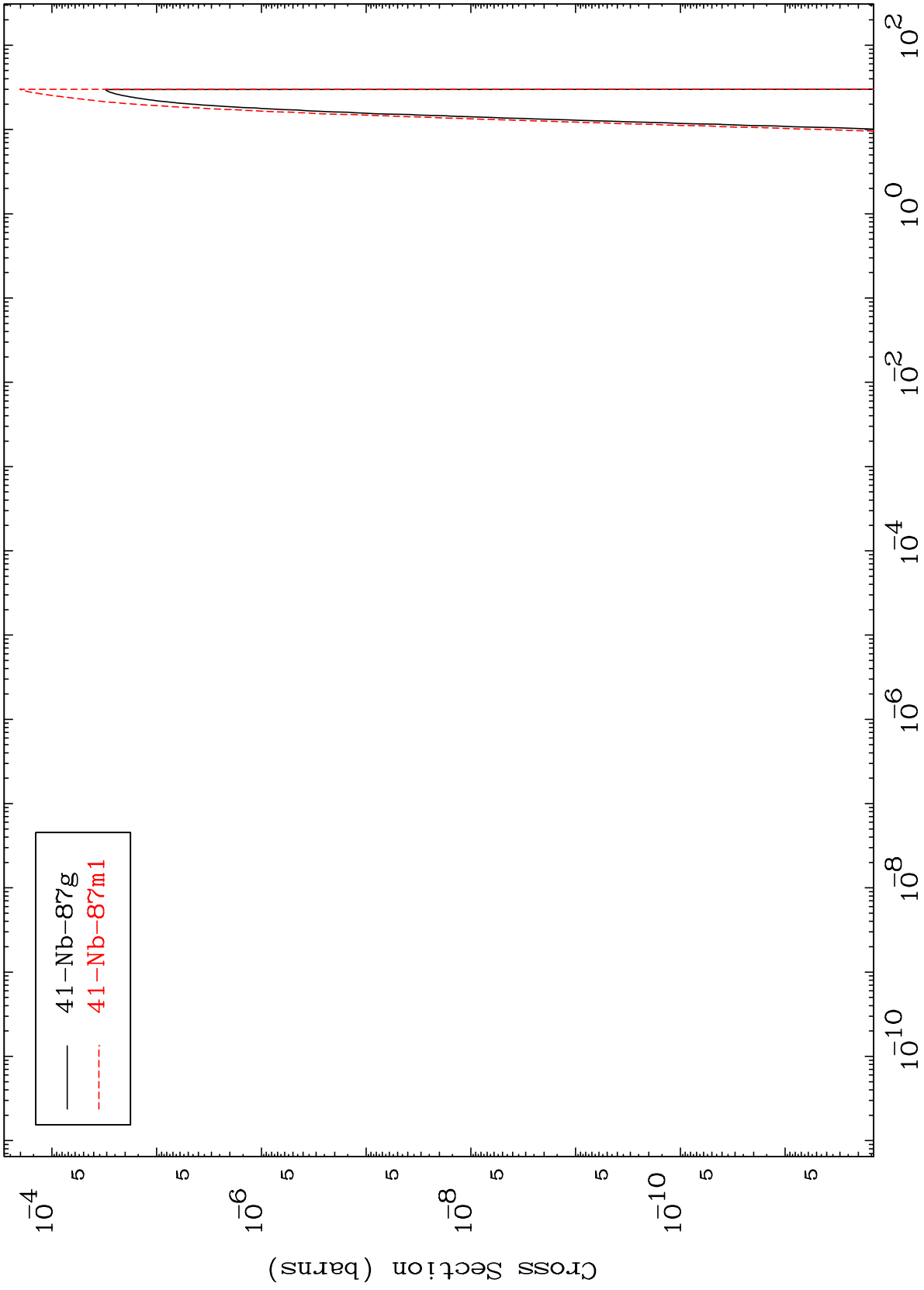
59

45-Rh-94

MAT 4498

Radionuclide Production Cross Section
(n, 2α)

45-Rh-94



60

Incident Energy (MeV)

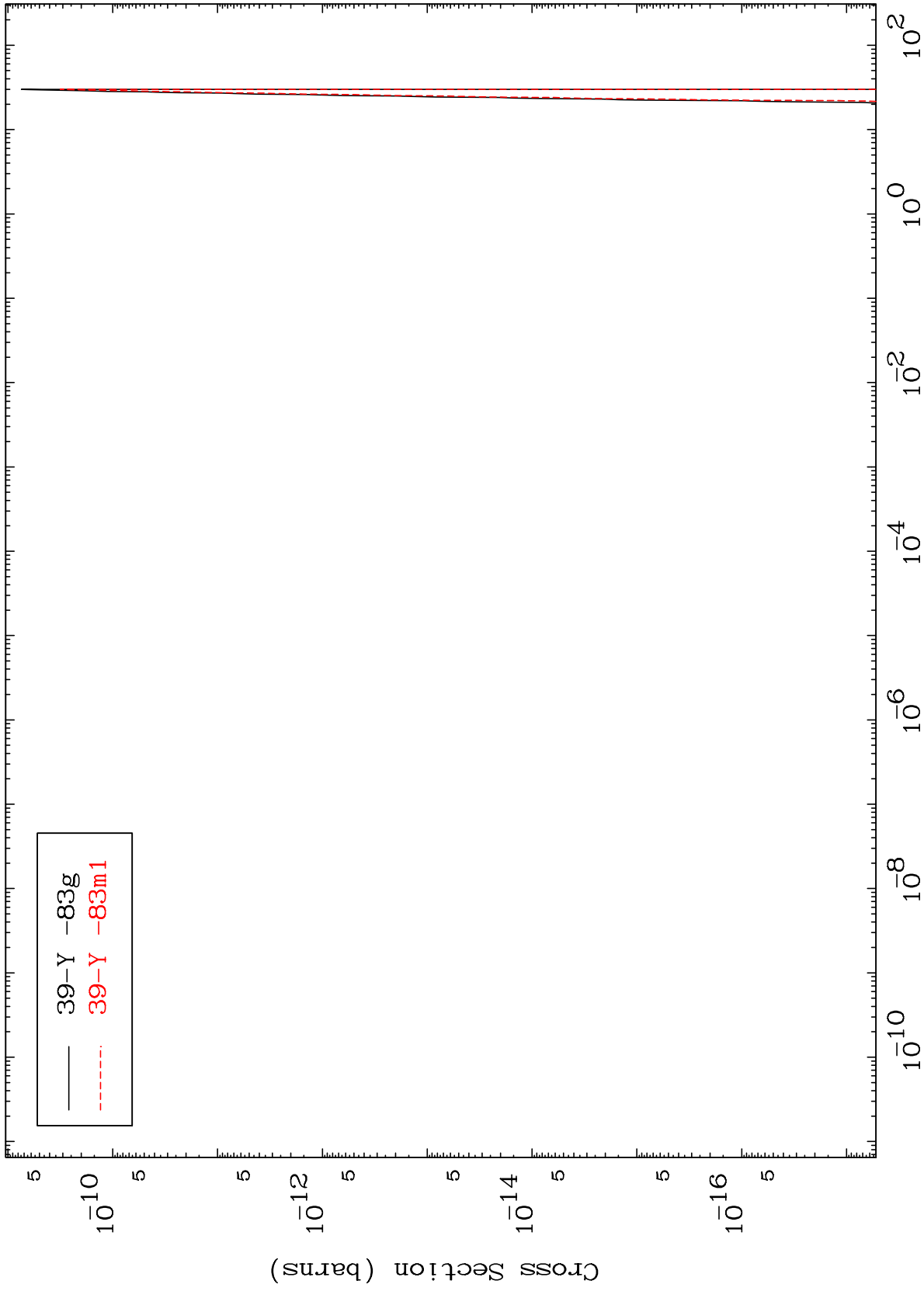
45-Rh-94

MAT 4498

(n,3α)

45-Rh-94

Radionuclide Production Cross Section



61

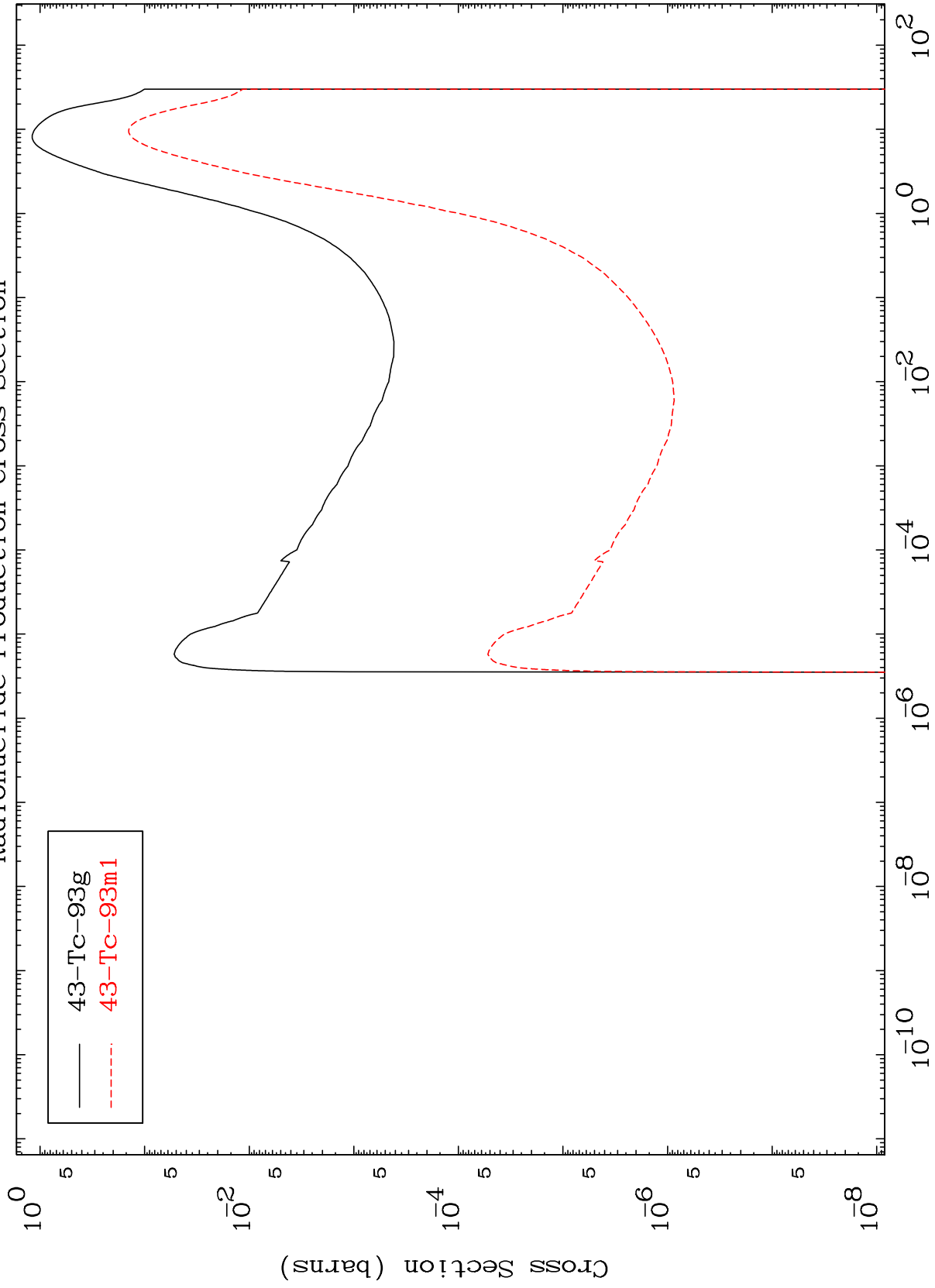
Incident Energy (MeV)

45-Rh-94

MAT 4498

Radionuclide Production Cross Section
(n,2p)

45-Rh-94



62

Incident Energy (MeV)

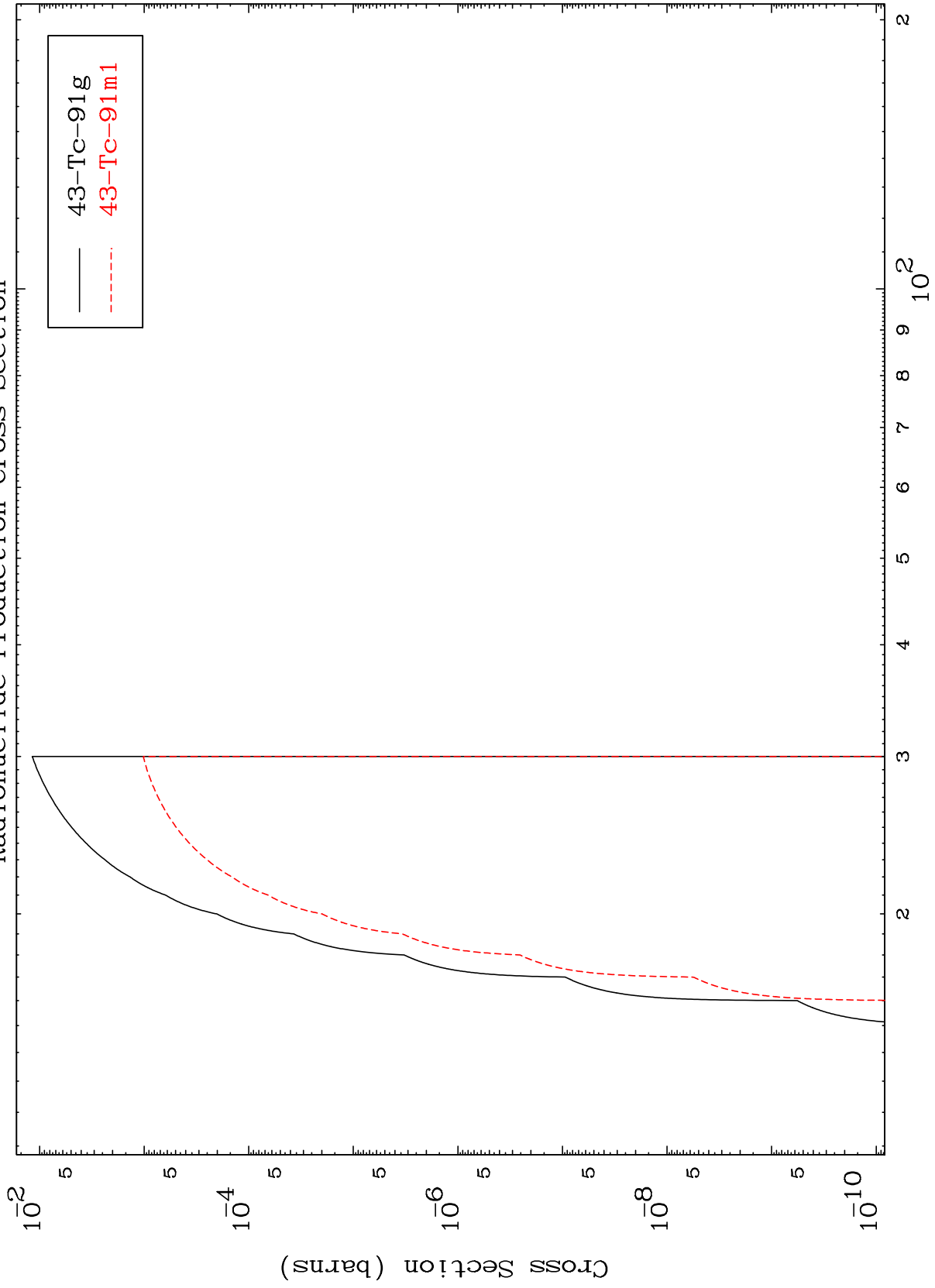
45-Rh-94

MAT 4498

(n,p) t

45-Rh-94

Radionuclide Production Cross Section



63

Incident Energy (MeV)

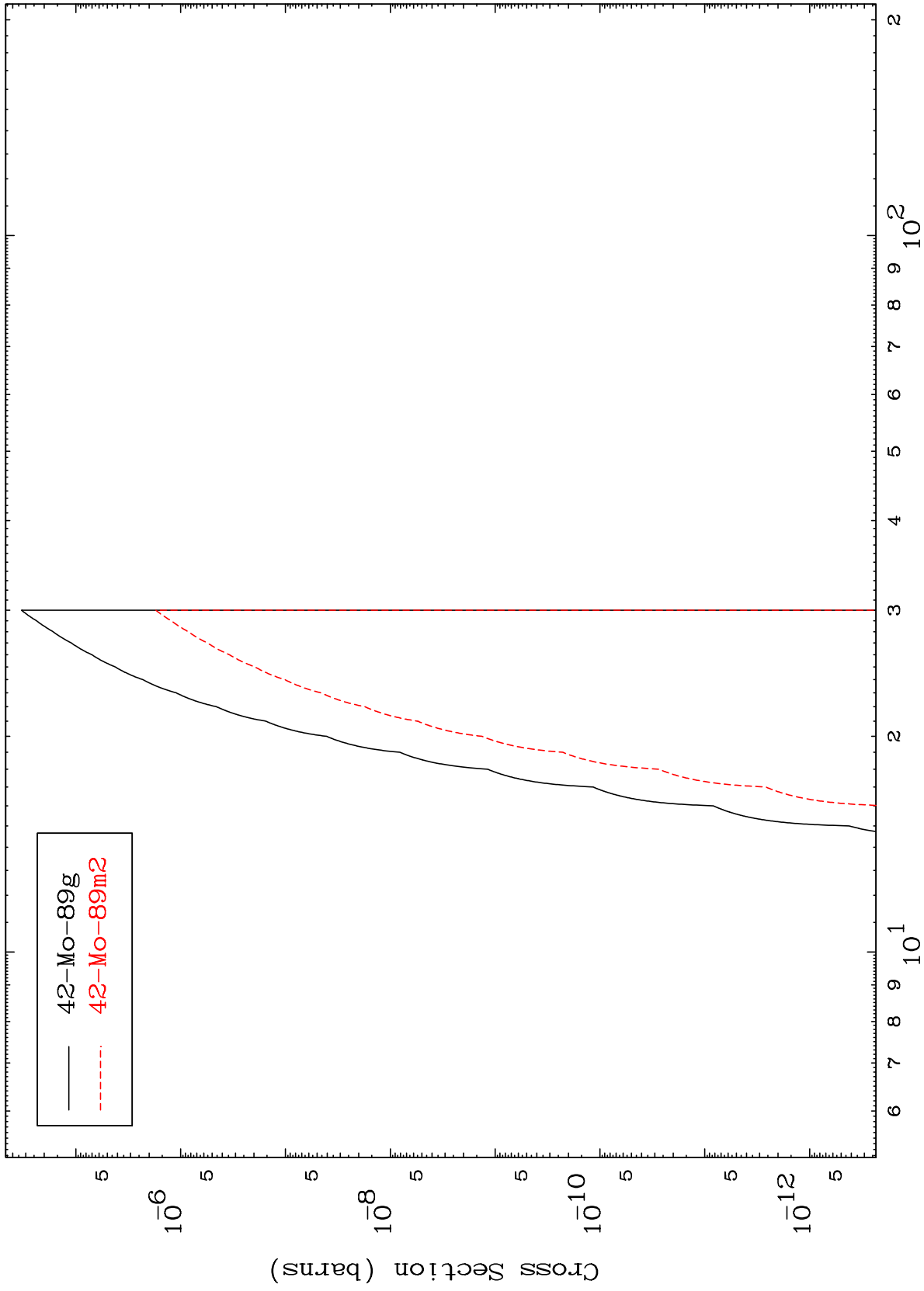
45-Rh-94

MAT 4498

(n,d) α

45-Rh-94

Radionuclide Production Cross Section



64

Incident Energy (MeV)

45-Rh-94