

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

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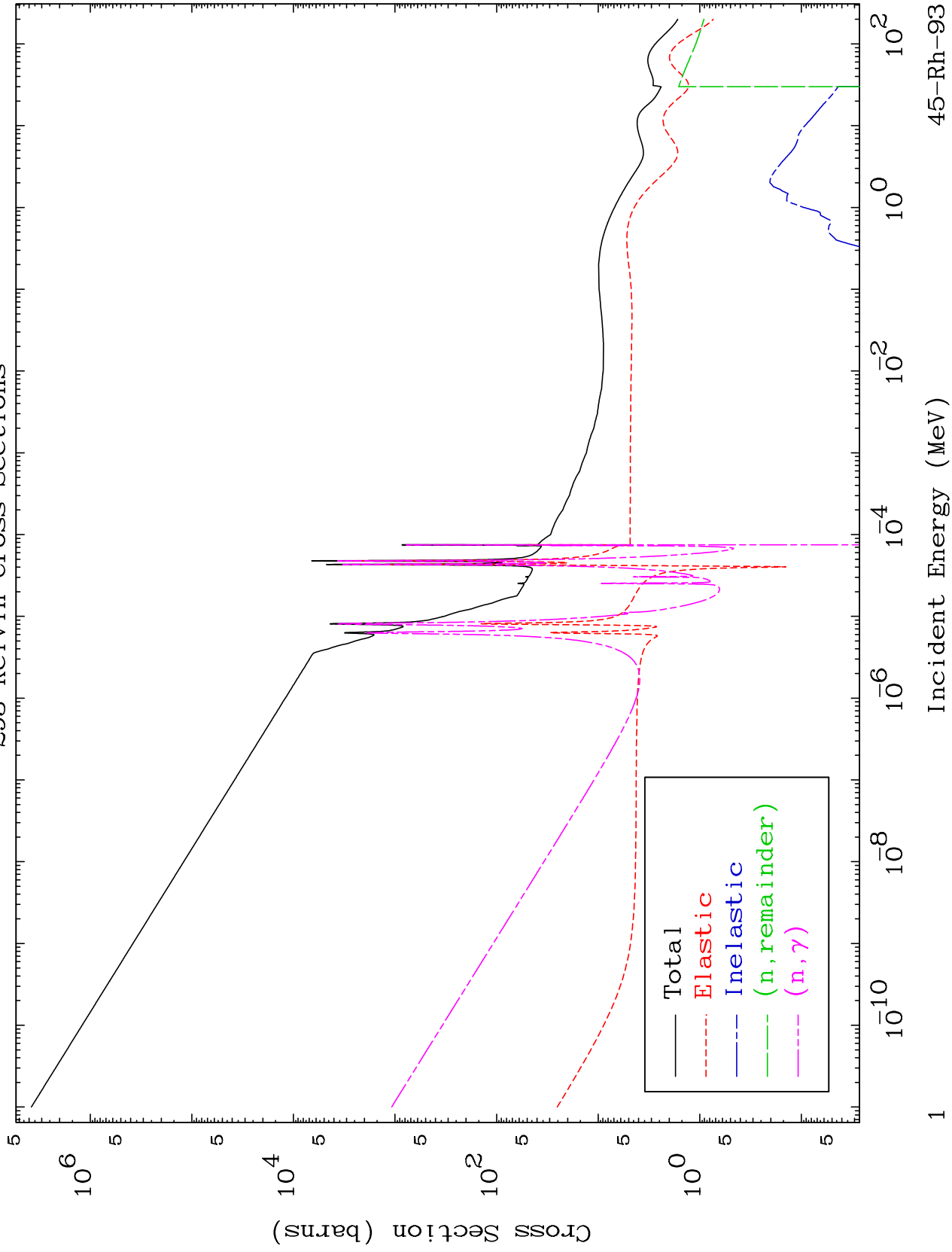
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4495

Major
293 Kelvin Cross Sections

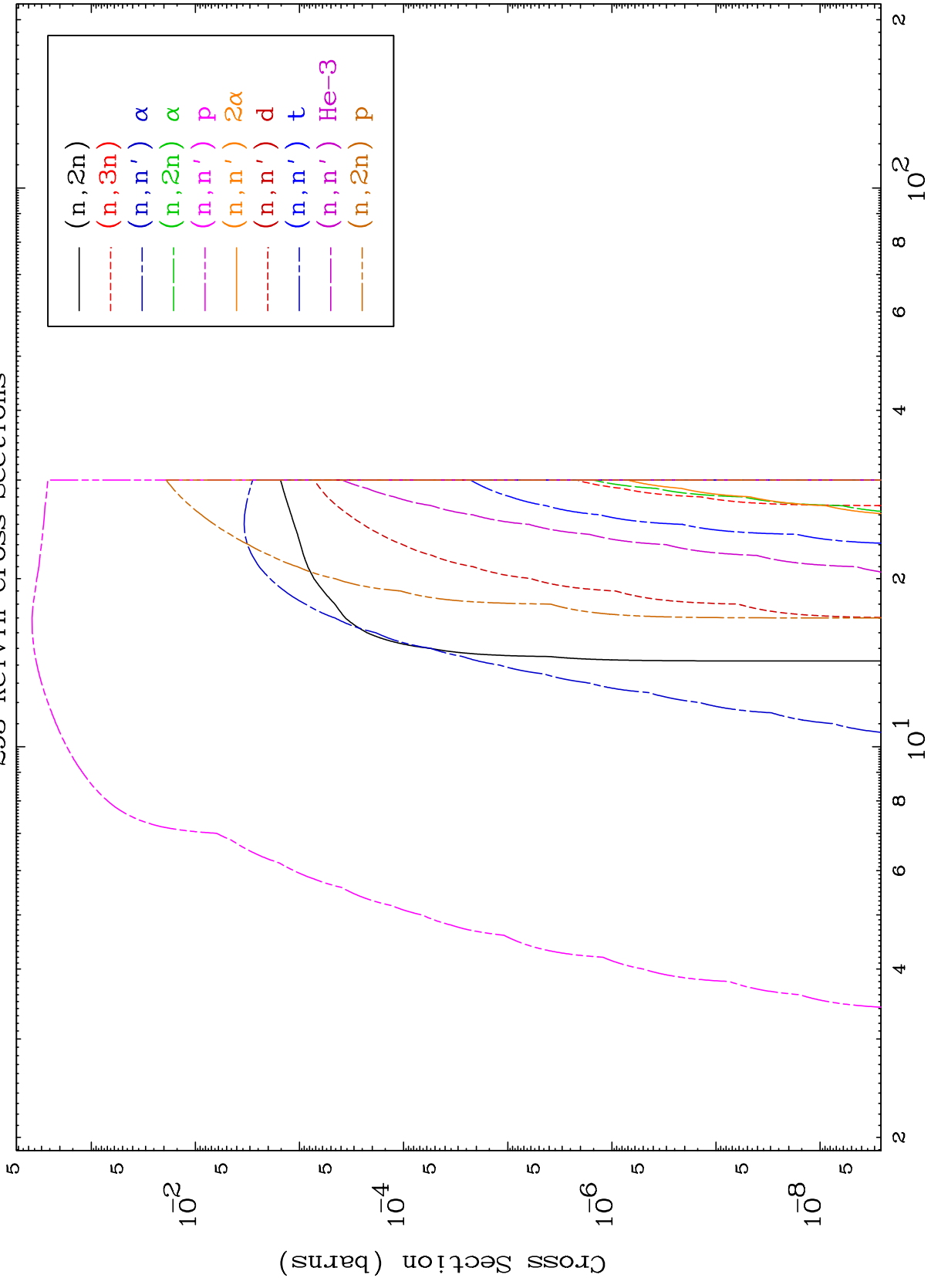
45-Rh-93



MAT 4495

Neutron Production 293 Kelvin Cross Sections

45-Rh-93



2

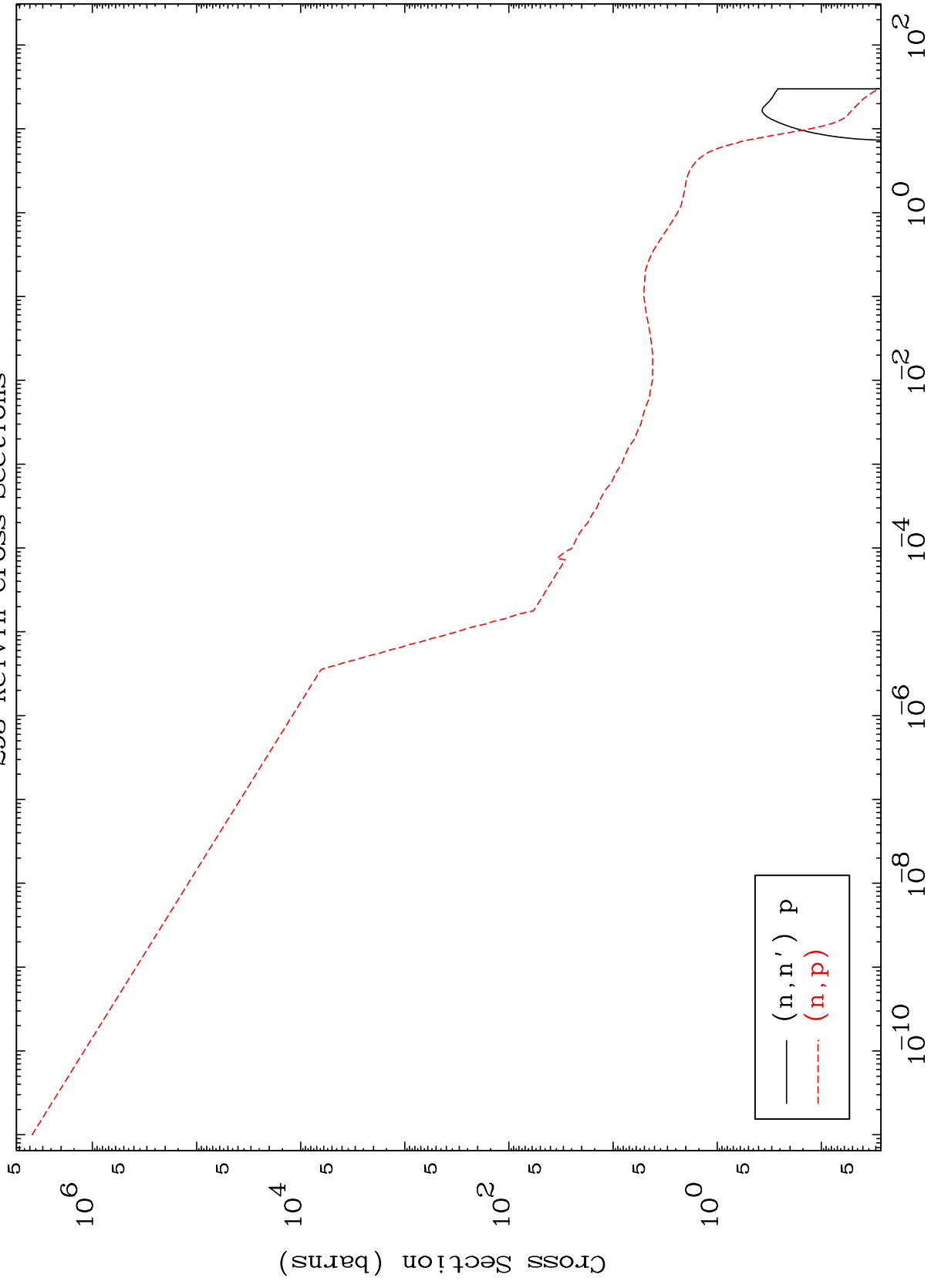
Incident Energy (MeV)

45-Rh-93

MAT 4495

Charged Particle
293 Kelvin Cross Sections

45-Rh-93



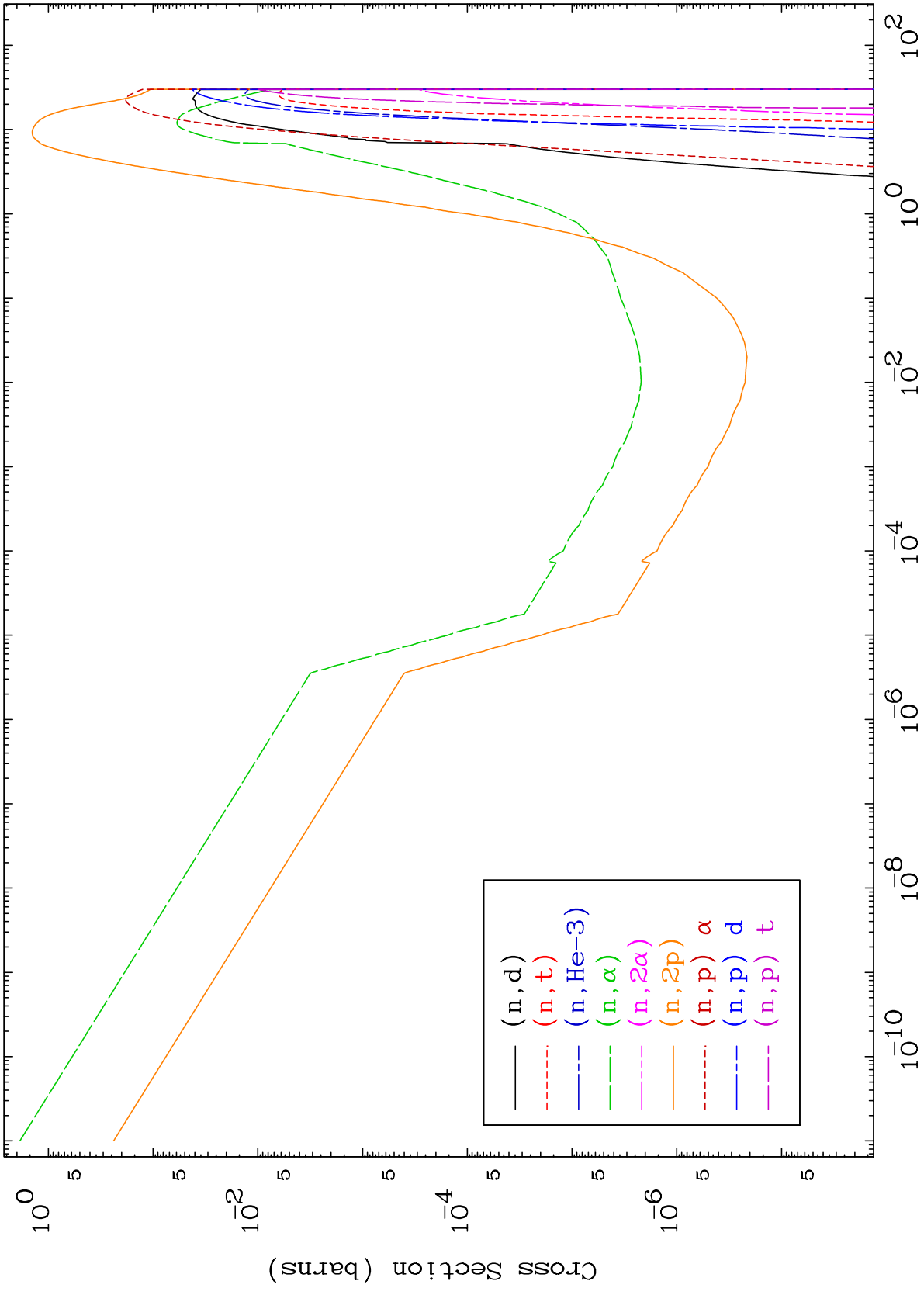
3

45-Rh-93

MAT 4495

Charged Particle
293 Kelvin Cross Sections

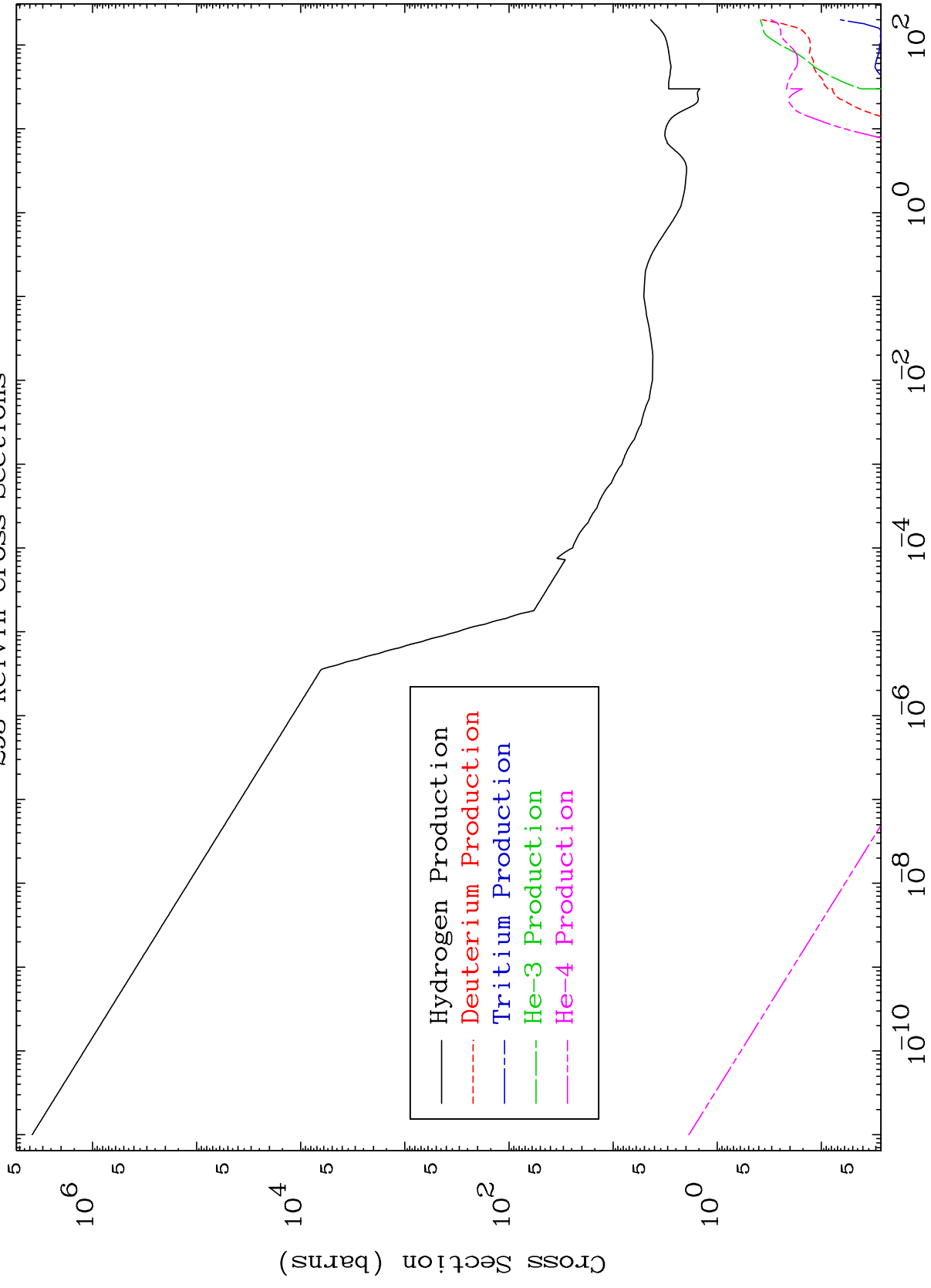
45-Rh-93



MAT 4495

Particle Production
293 Kelvin Cross Sections

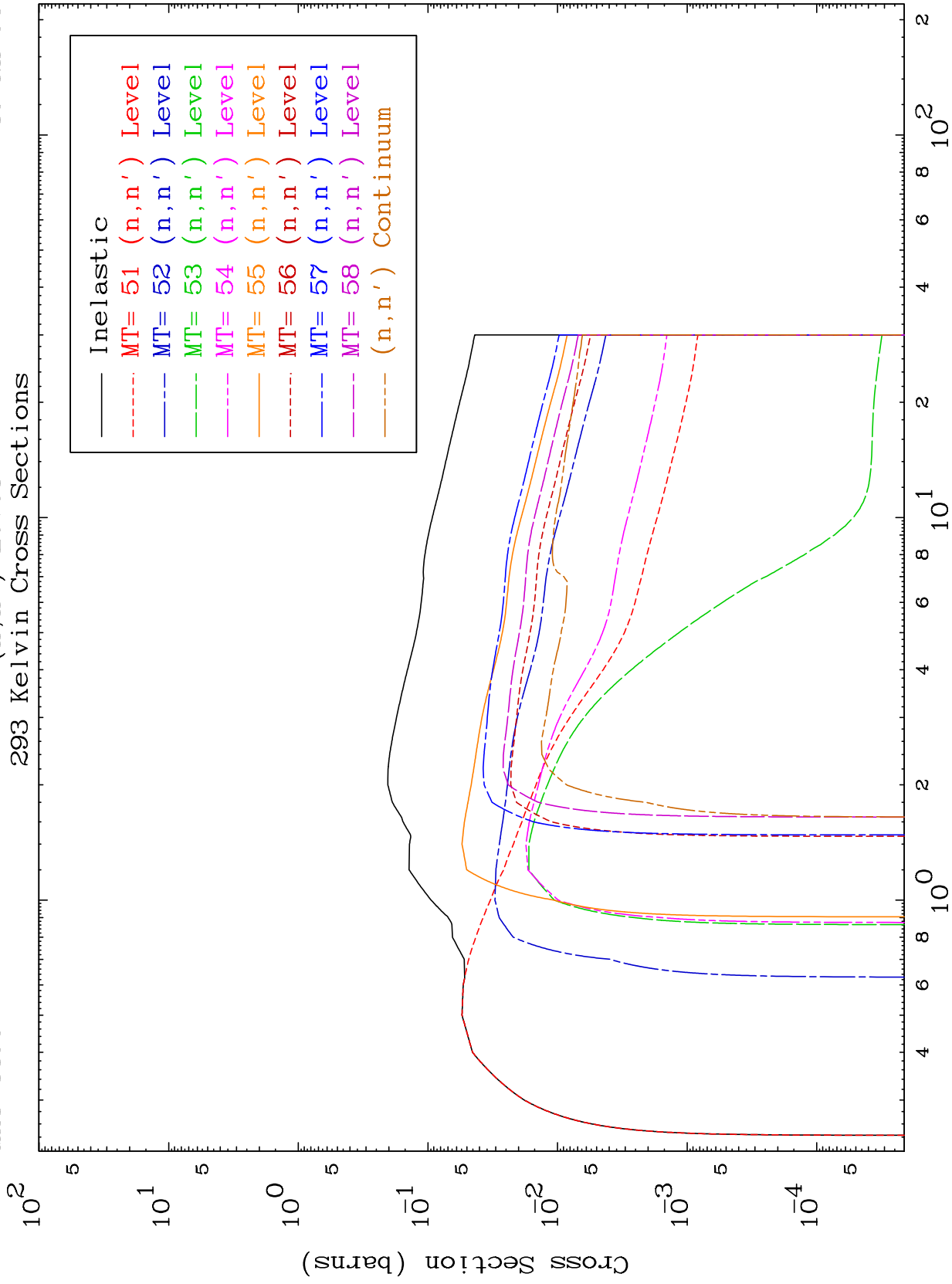
45-Rh-93



MAT 4495

(n,n') Level
293 Kelvin Cross Sections

45-Rh-93



6

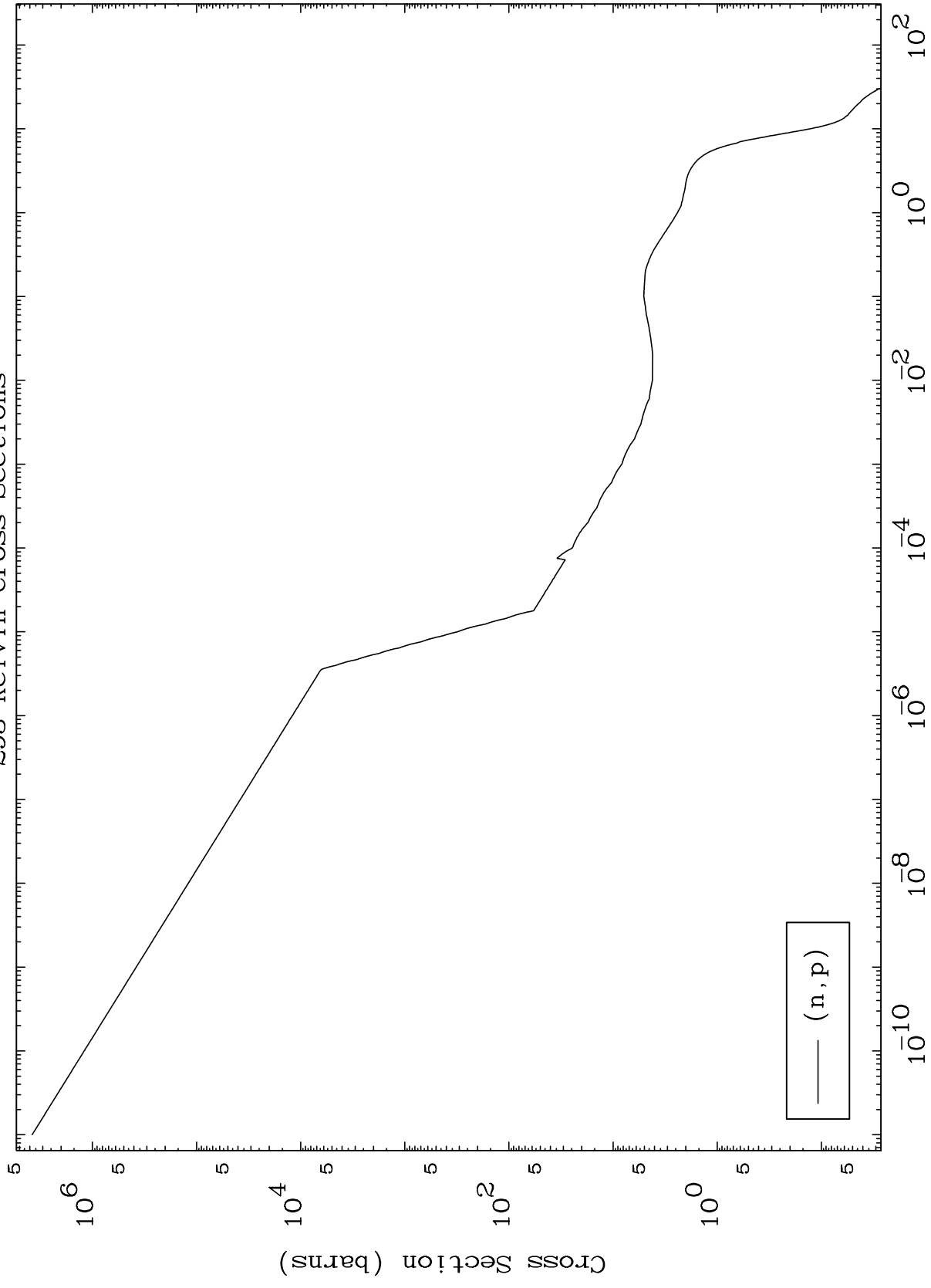
Incident Energy (MeV)

45-Rh-93

MAT 4495

(n,p) Levels
293 Kelvin Cross Sections

45-Rh-93

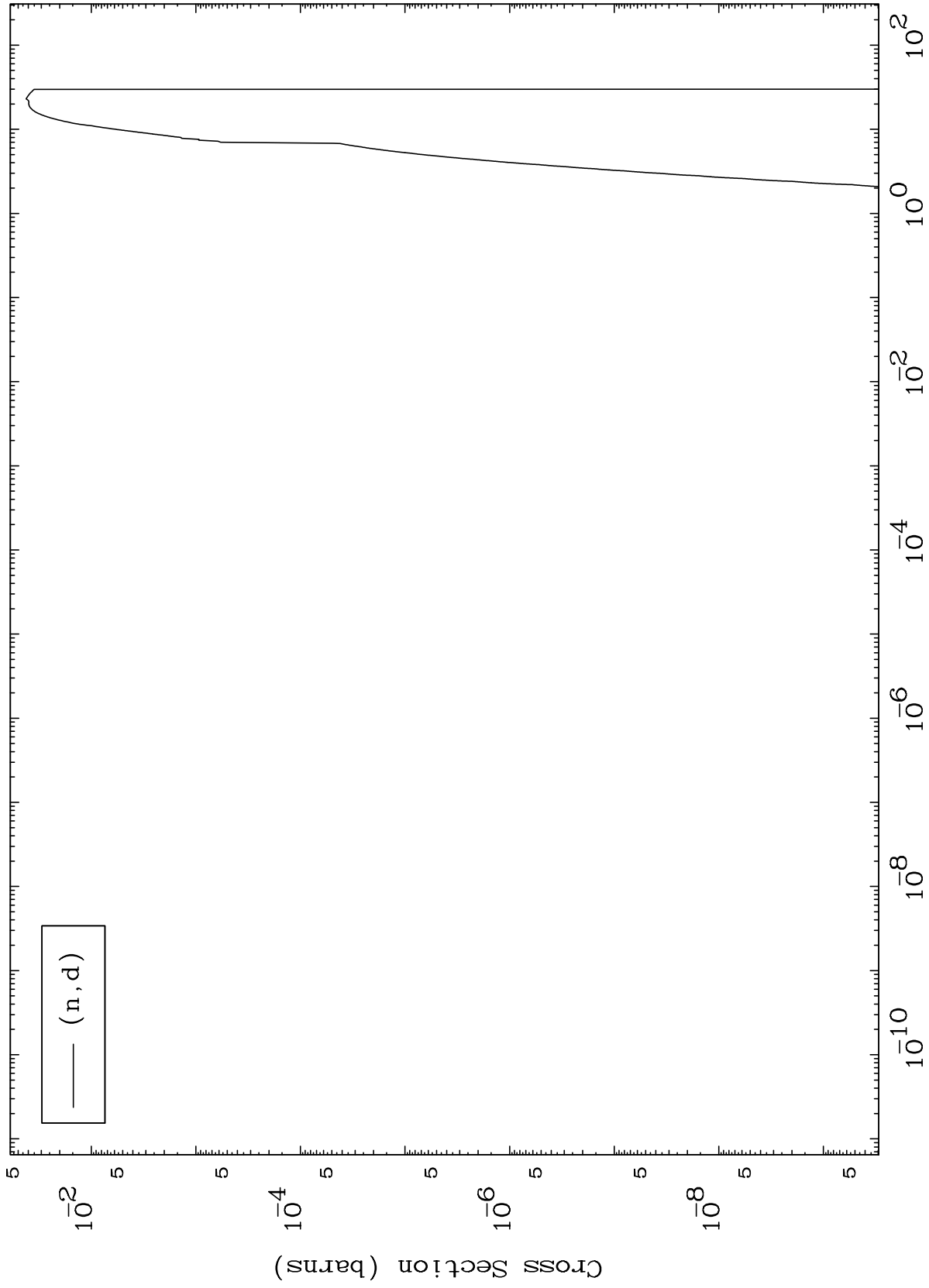


(n, p)

MAT 4495

(n,d) Levels
293 Kelvin Cross Sections

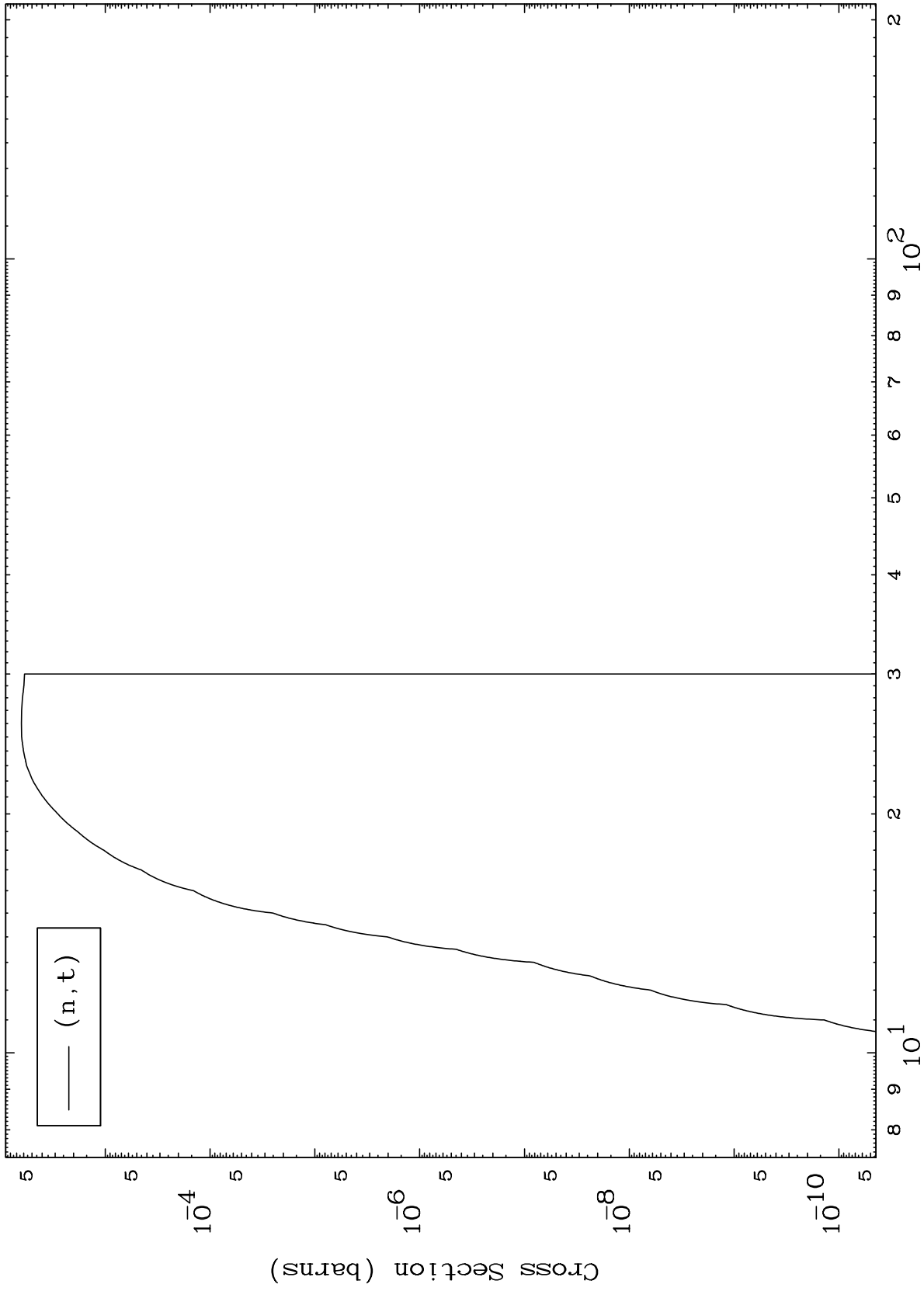
45-Rh-93



MAT 4495

(n,t) Levels
293 Kelvin Cross Sections

45-Rh-93



9

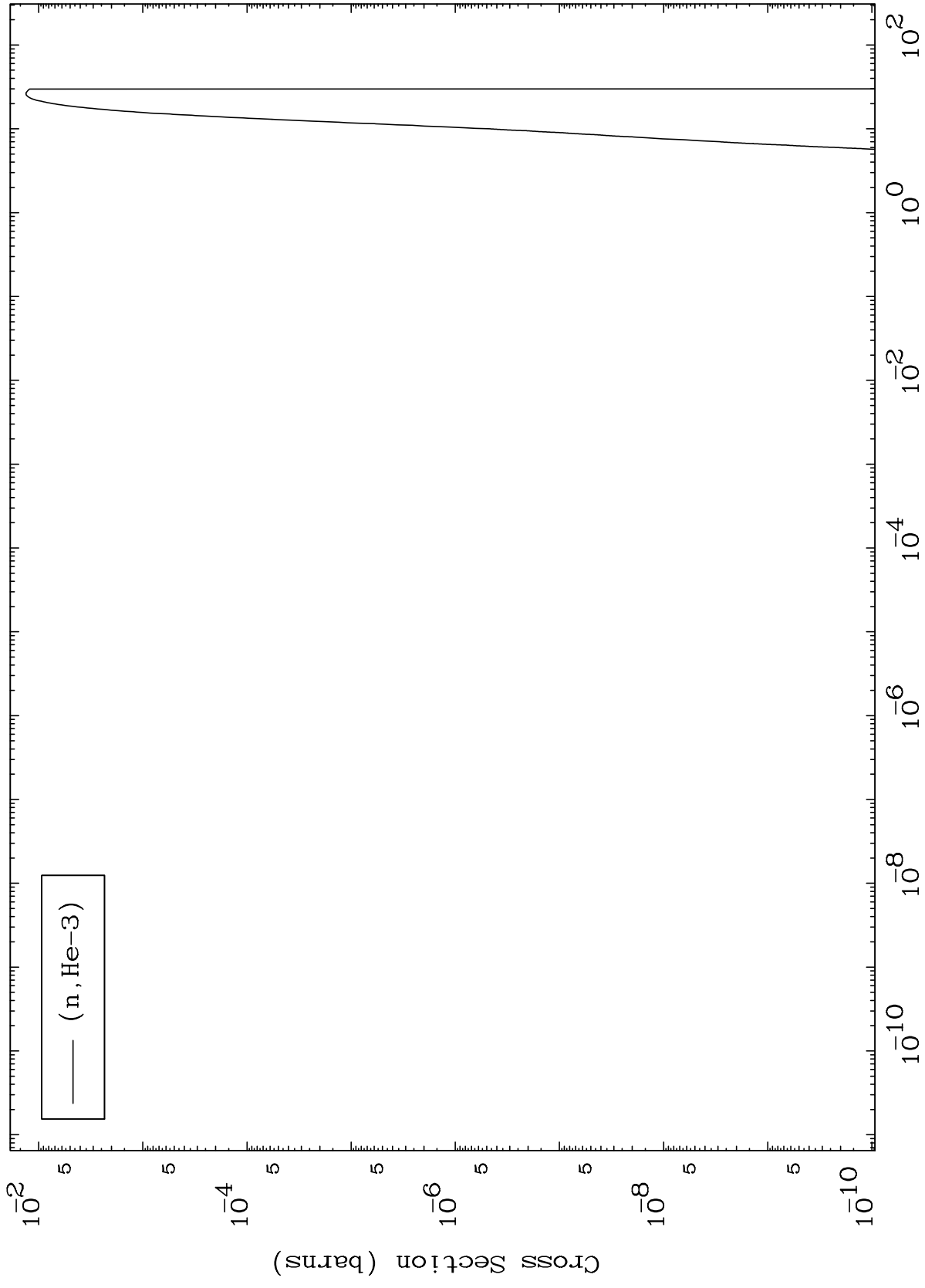
Incident Energy (MeV)

45-Rh-93

MAT 4495

(n,He3) Levels
293 Kelvin Cross Sections

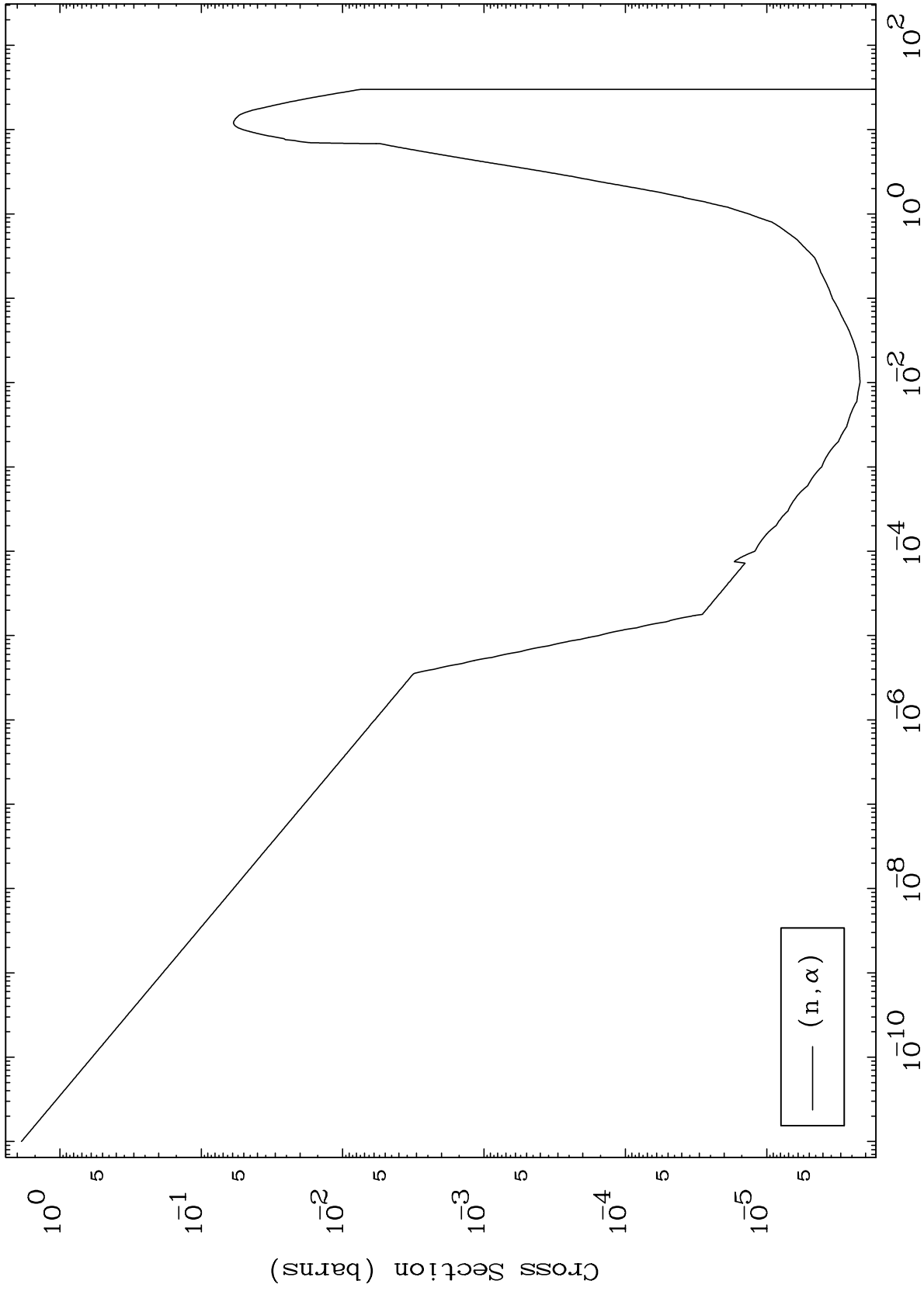
45-Rh-93



MAT 4495

(n,α) Levels
293 Kelvin Cross Sections

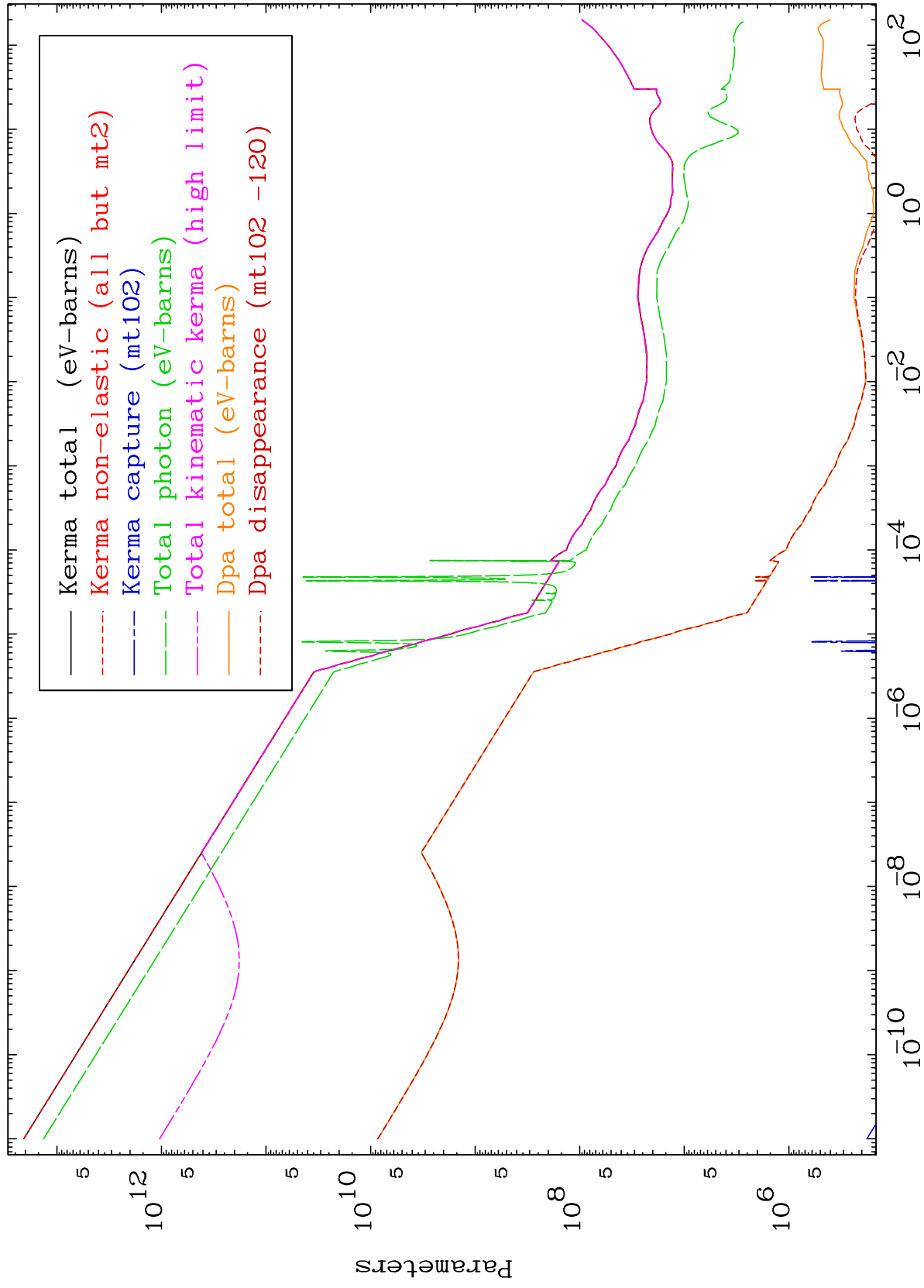
45-Rh-93



11

Incident Energy (MeV)

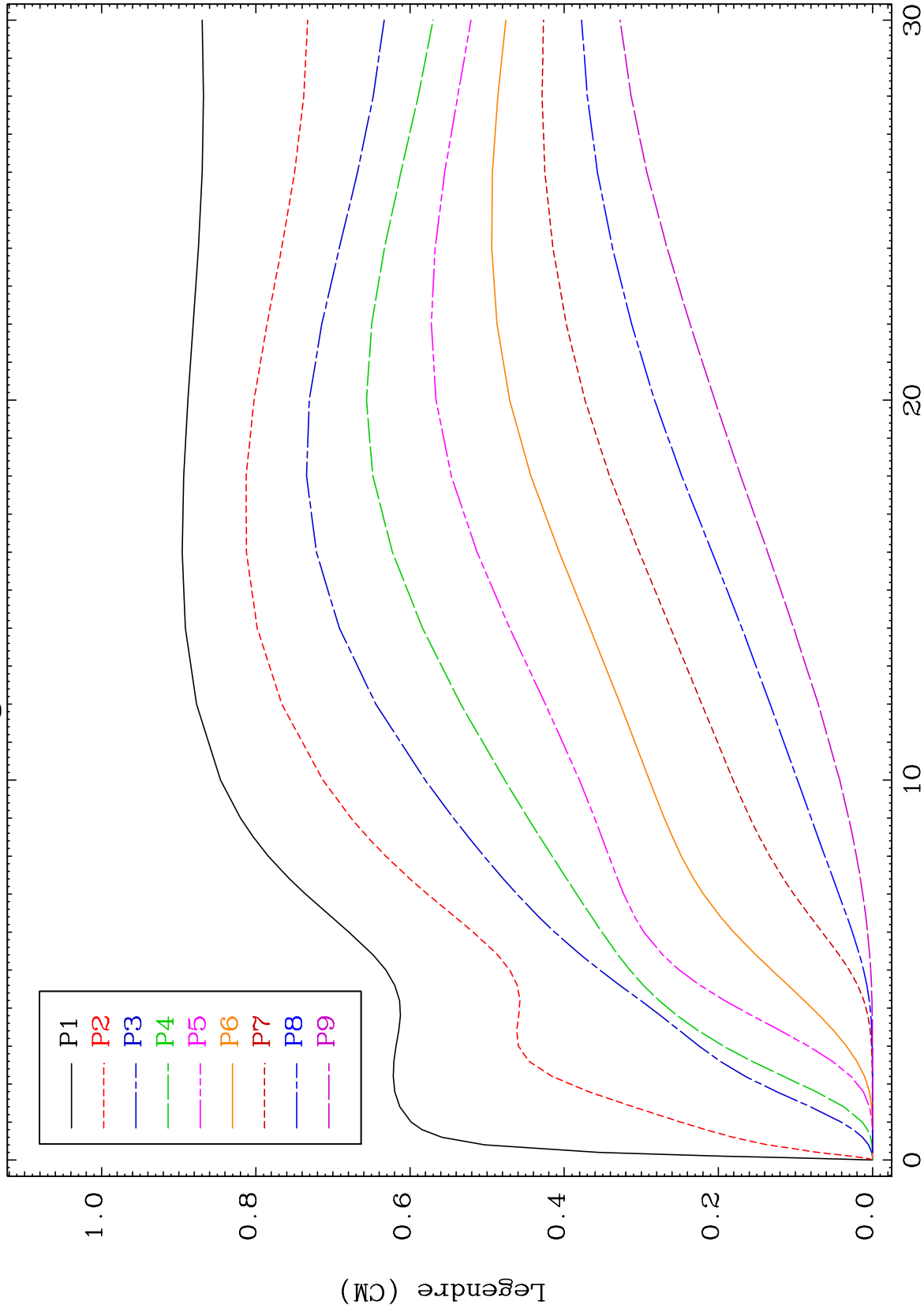
45-Rh-93



MAT 4495

Elastic Legendre Coefficients

45-Rh-93



13

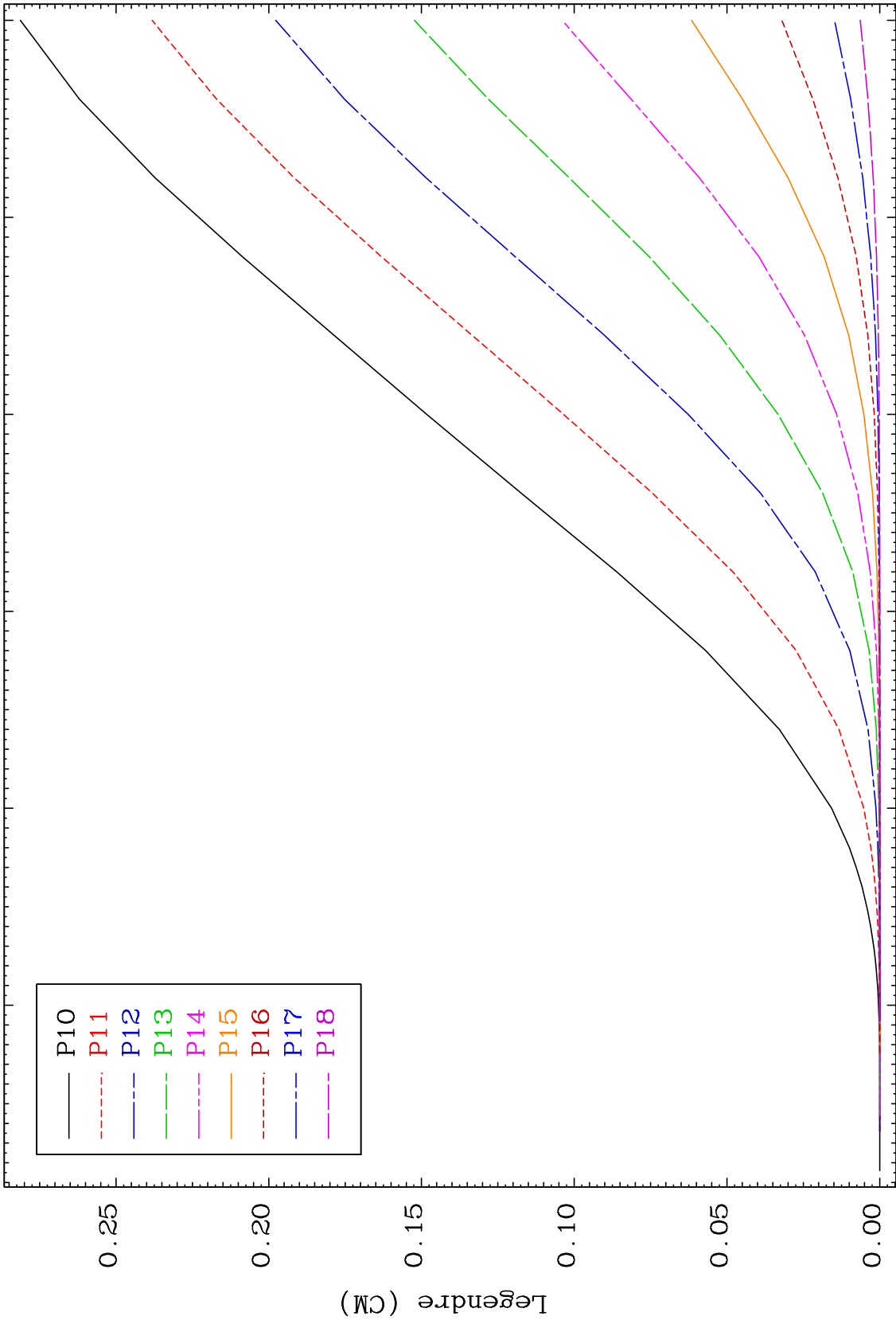
Incident Energy (MeV)

45-Rh-93

MAT 4495

Elastic Legendre Coefficients

45-Rh-93



14

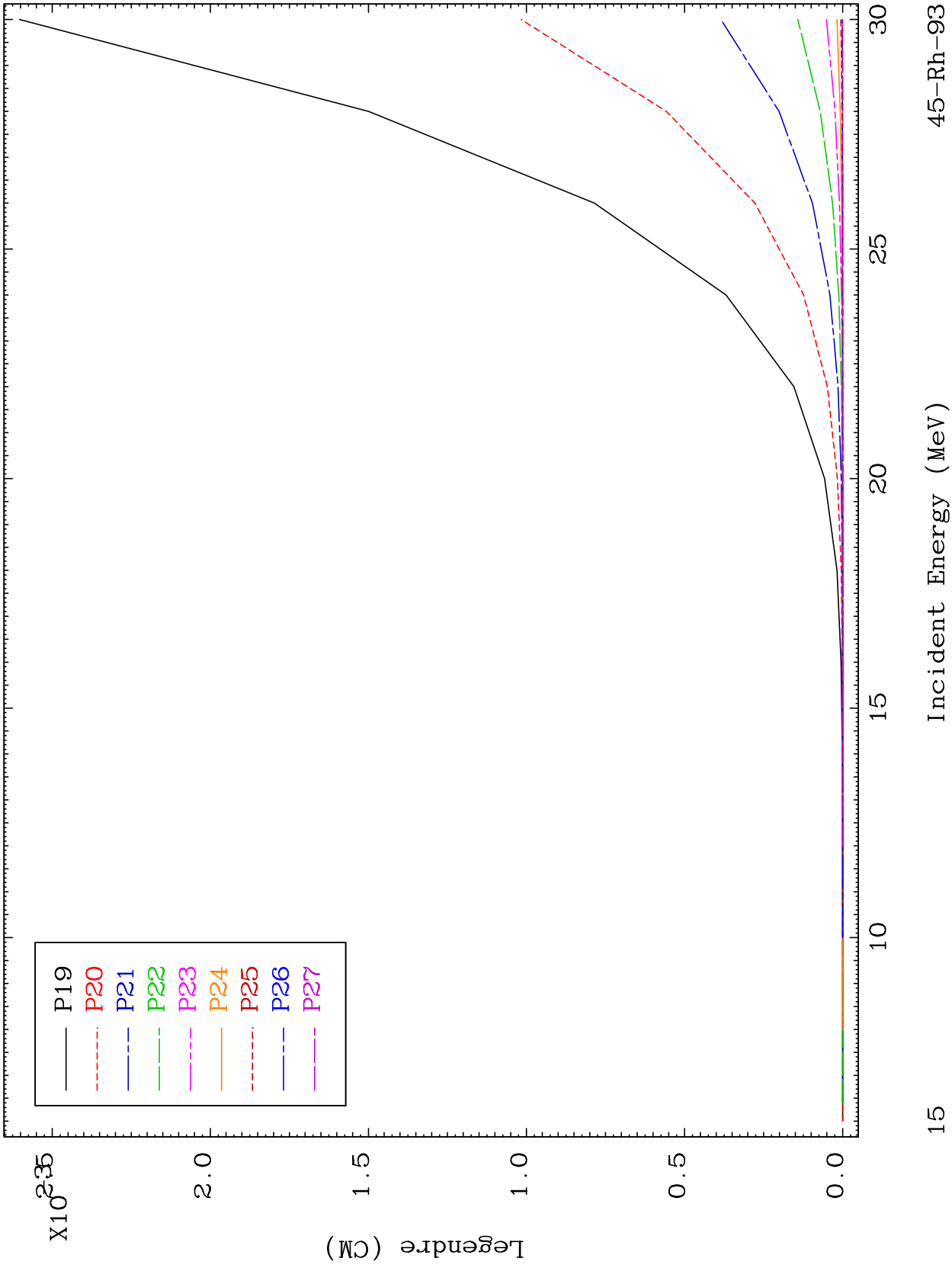
Incident Energy (MeV)

45-Rh-93

MAT 4495

Elastic Legendre Coefficients

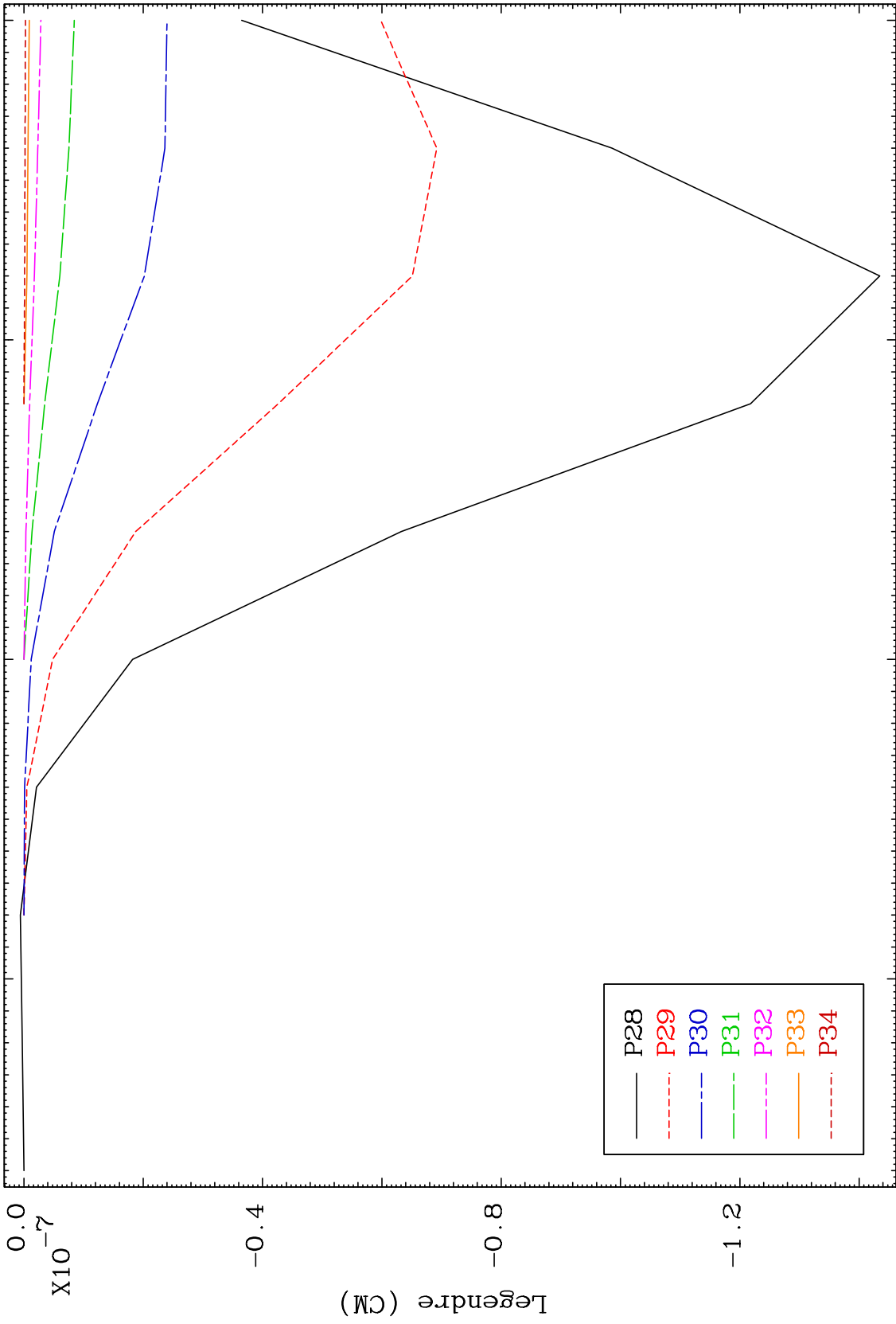
45-Rh-93



MAT 4495

45-Rh-93

Elastic
Legendre Coefficients



16

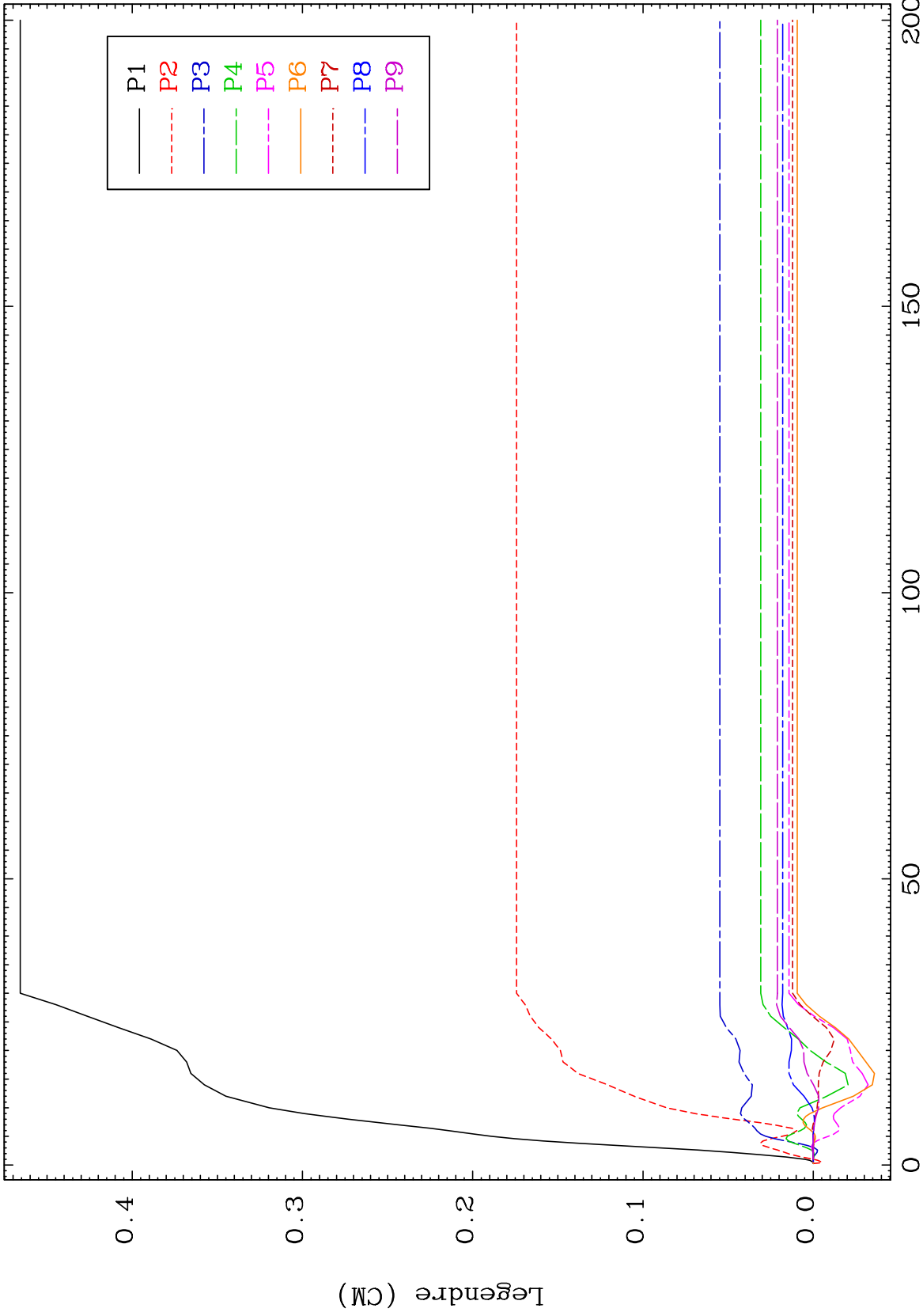
Incident Energy (MeV)

45-Rh-93

MAT 4495

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

45-Rh-93



17

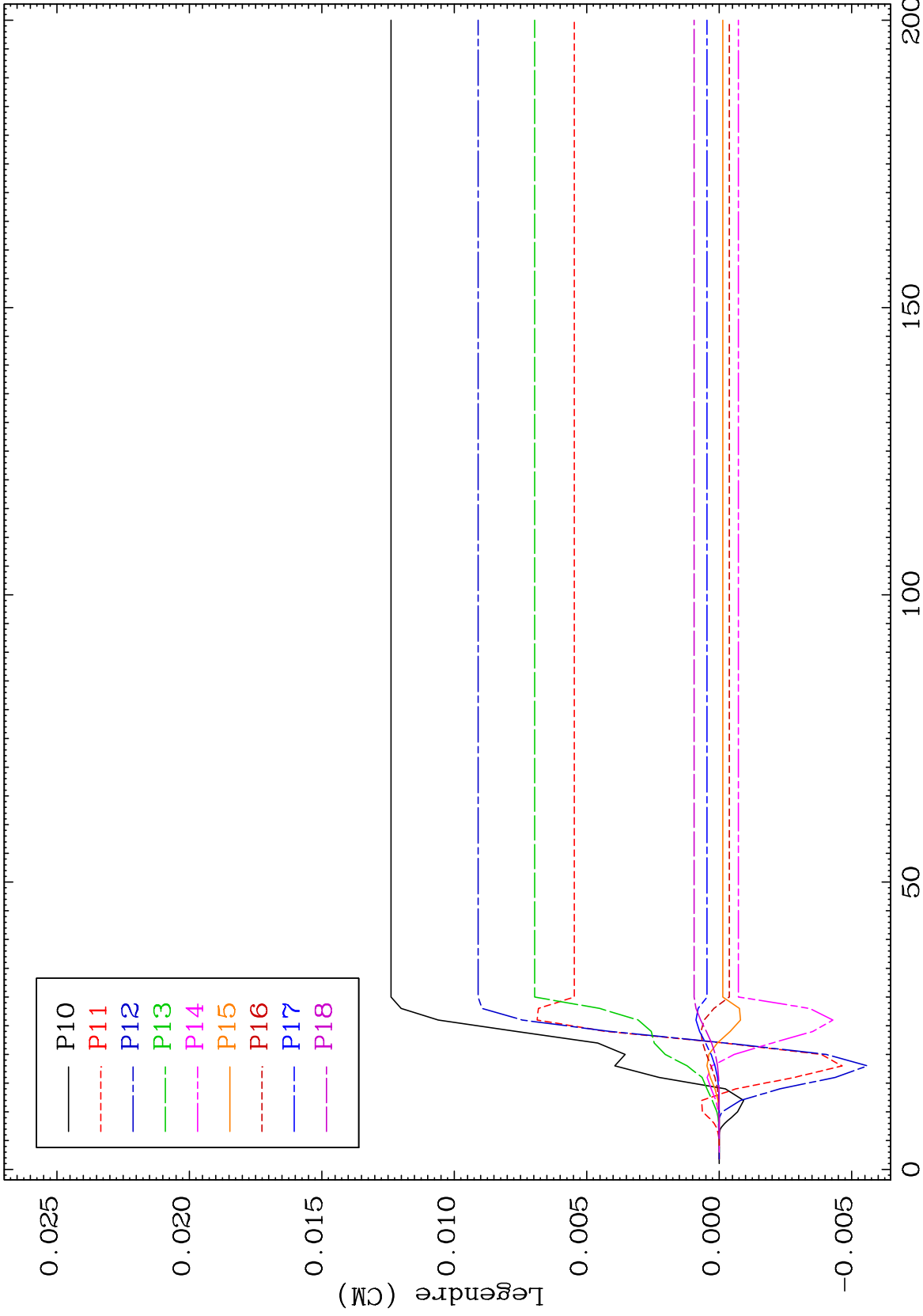
Incident Energy (MeV)

45-Rh-93

MAT 4495

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

45-Rh-93



18

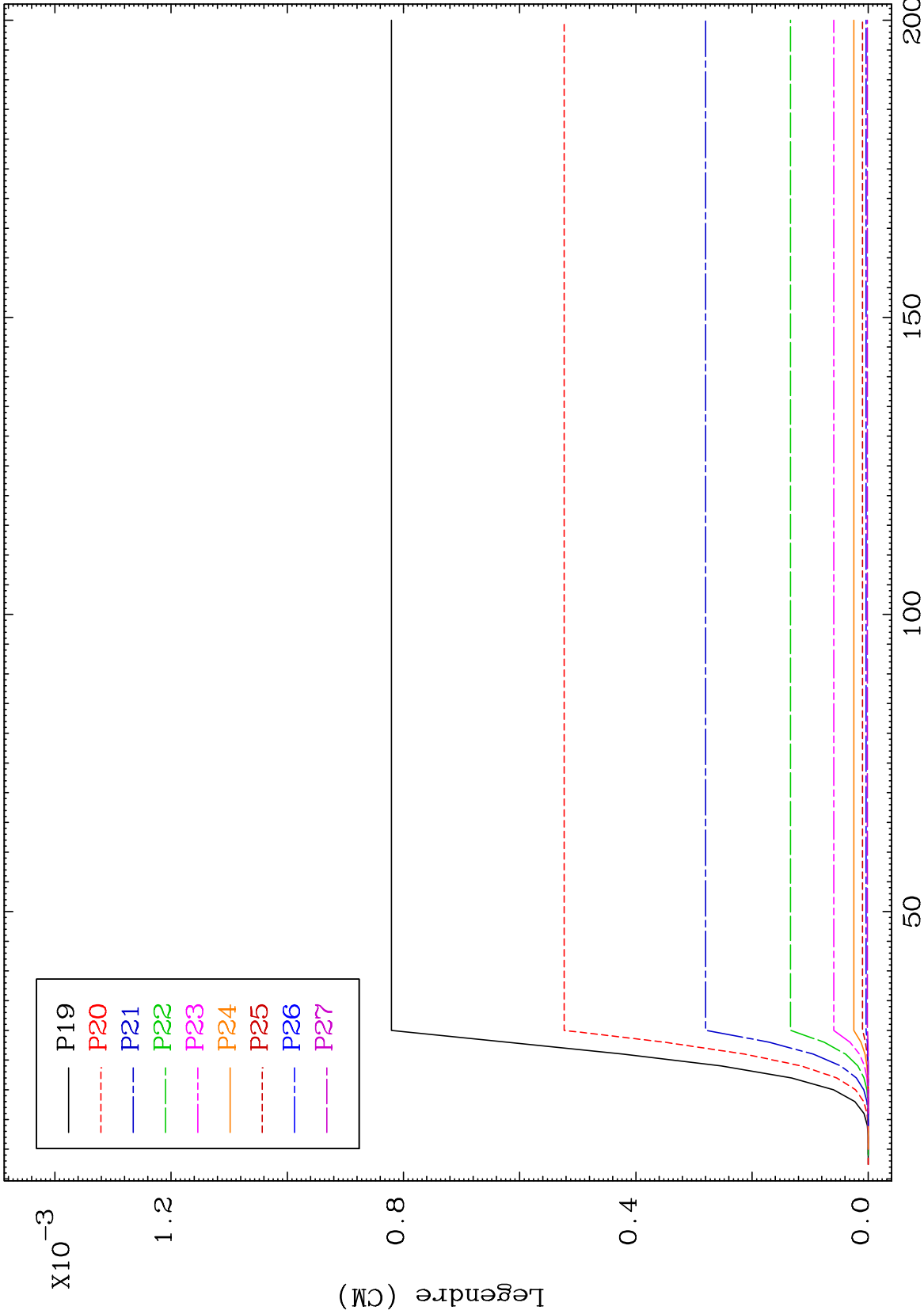
Incident Energy (MeV)

45-Rh-93

MAT 4495

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

45-Rh-93



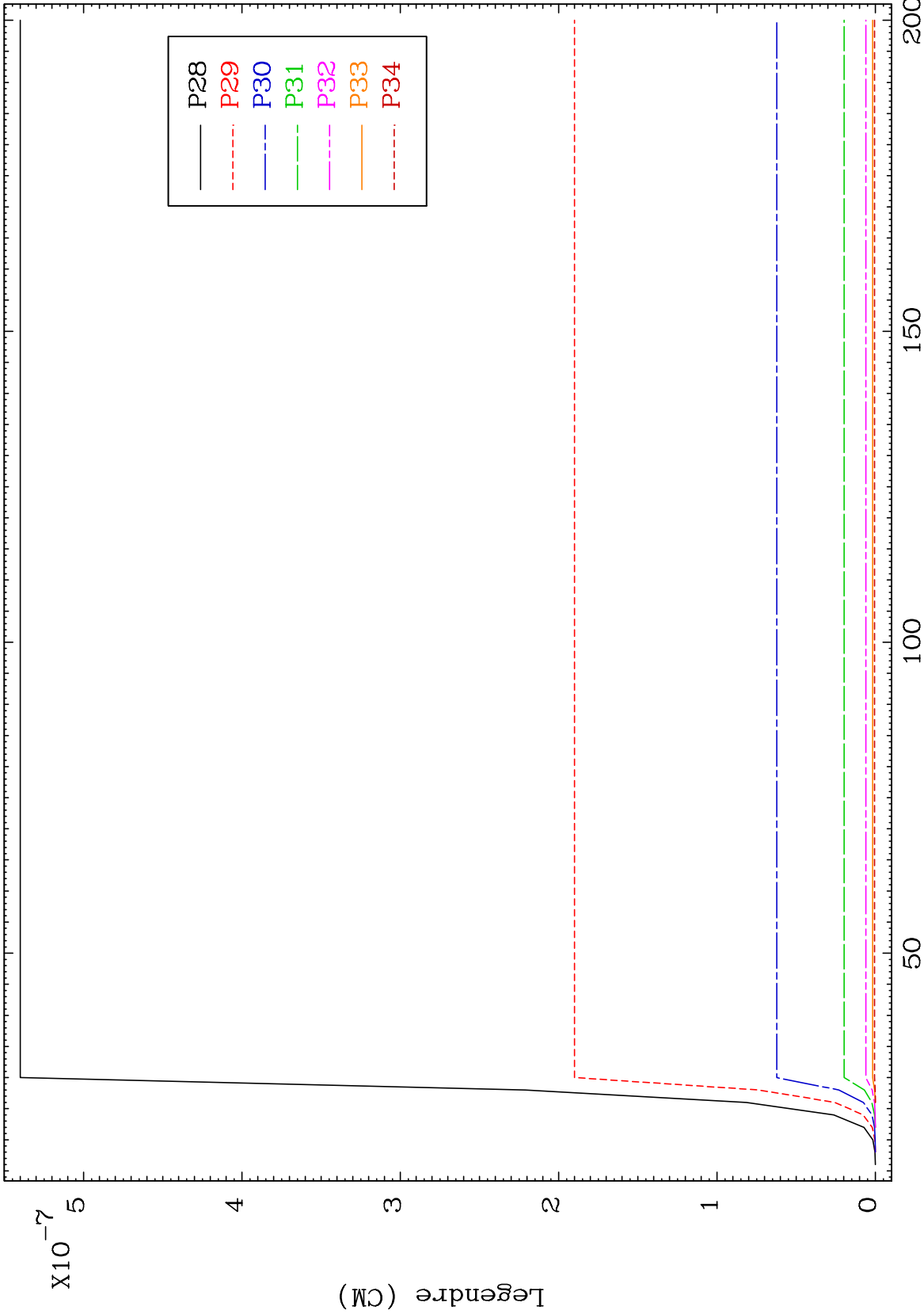
19

45-Rh-93

MAT 4495

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

45-Rh-93



20

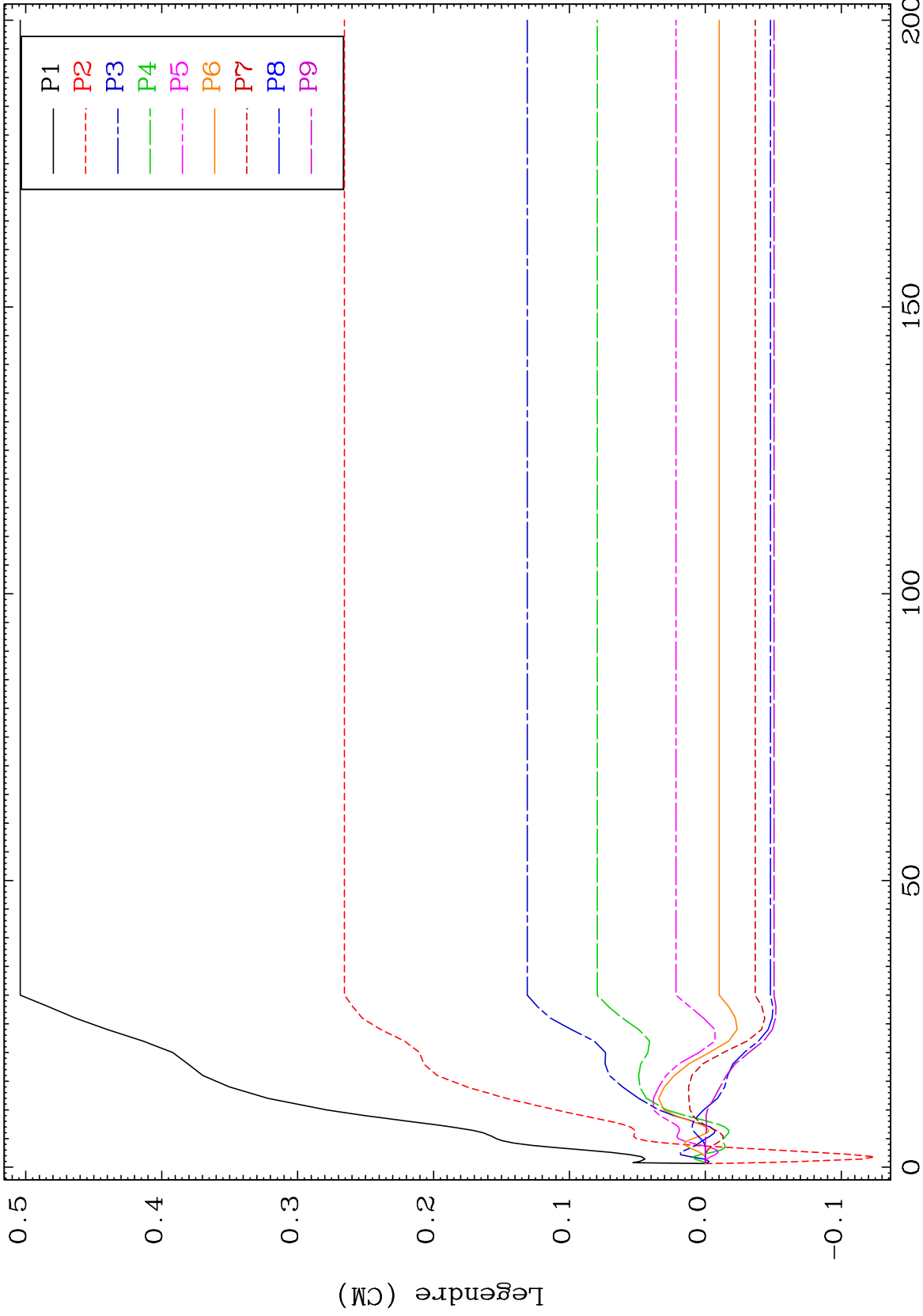
Incident Energy (MeV)

45-Rh-93

MAT 4495

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

45-Rh-93



21

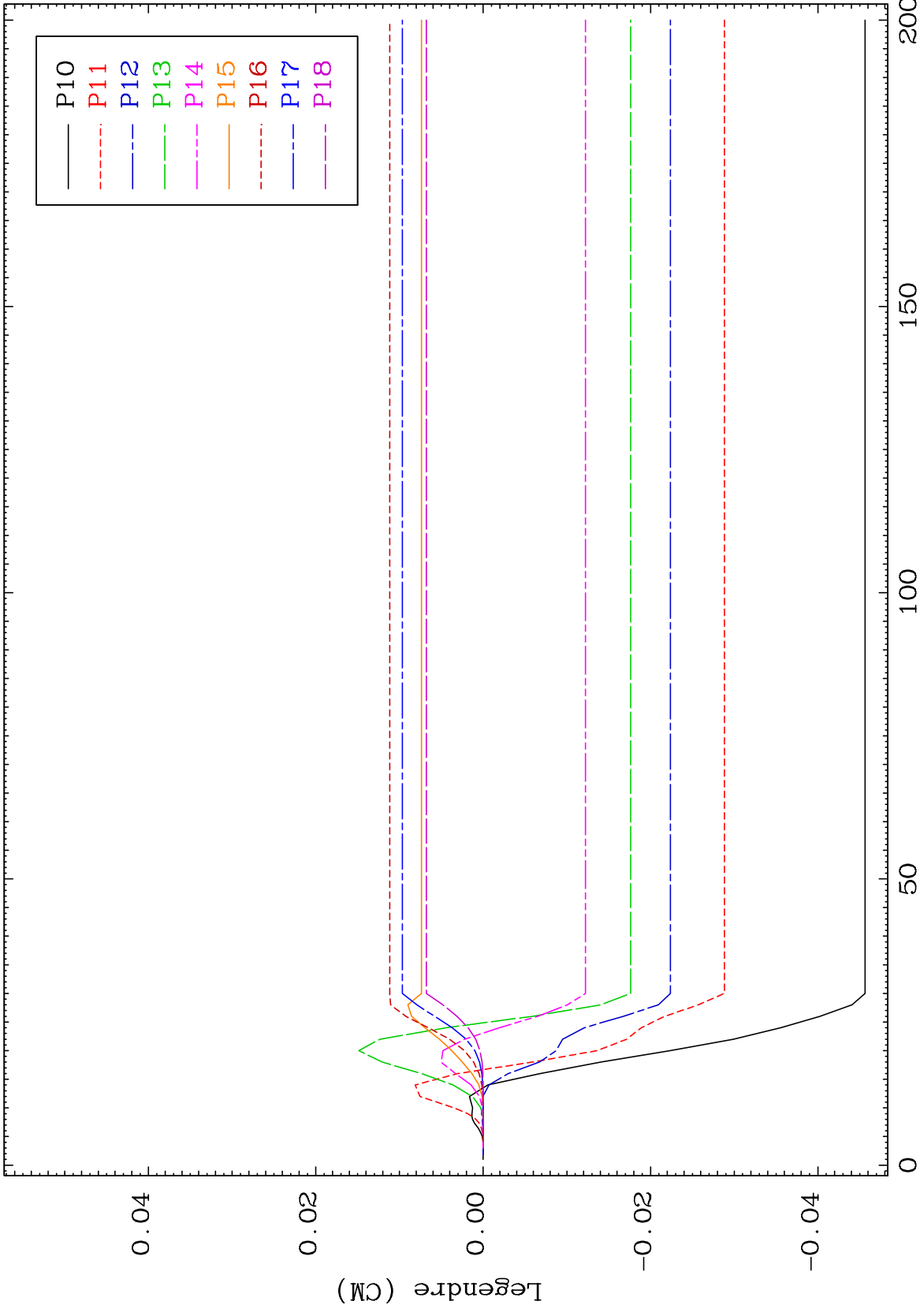
Incident Energy (MeV)

45-Rh-93

MAT 4495

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

45-Rh-93



22

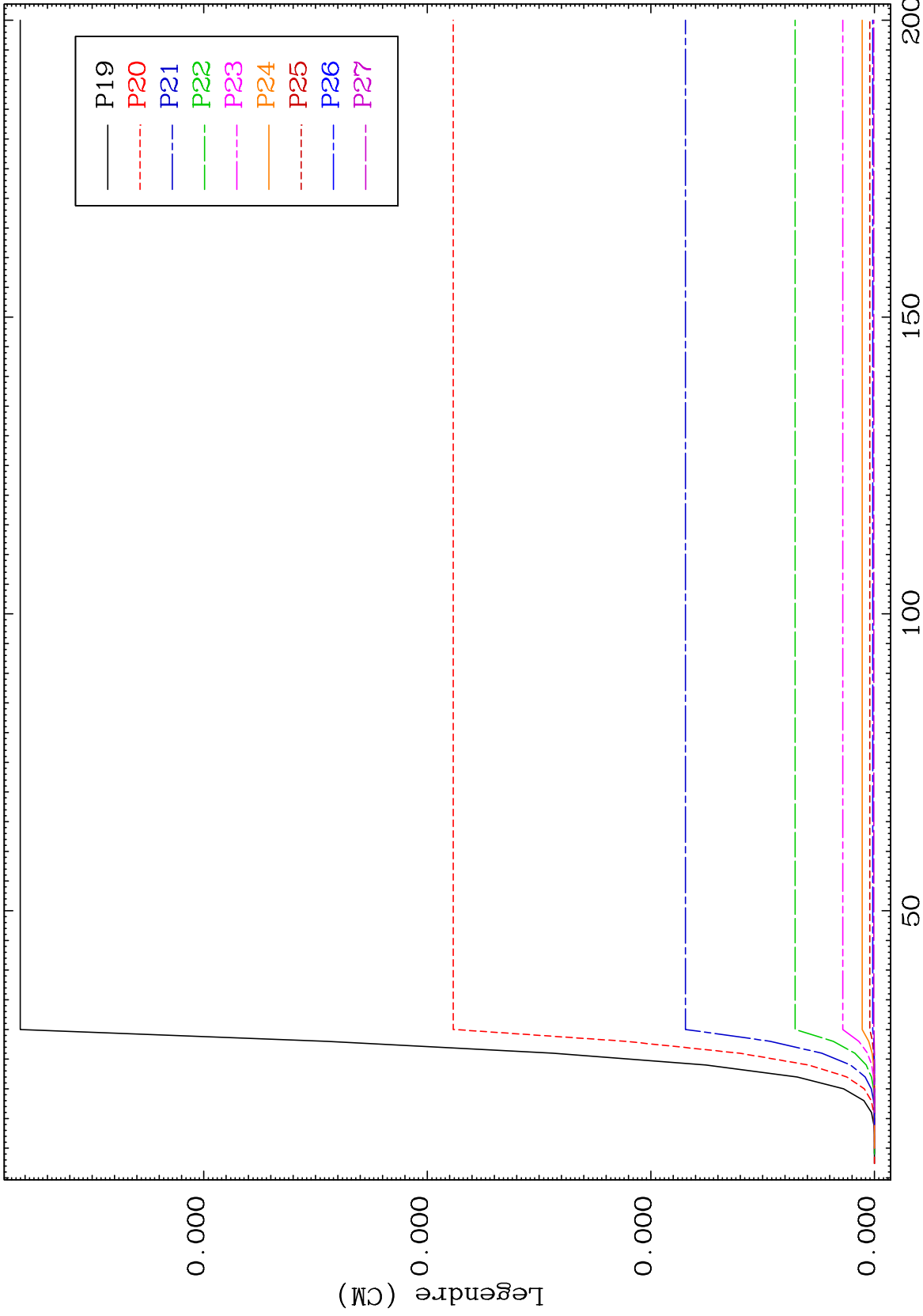
Incident Energy (MeV)

45-Rh-93

MAT 4495

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

45-Rh-93



23

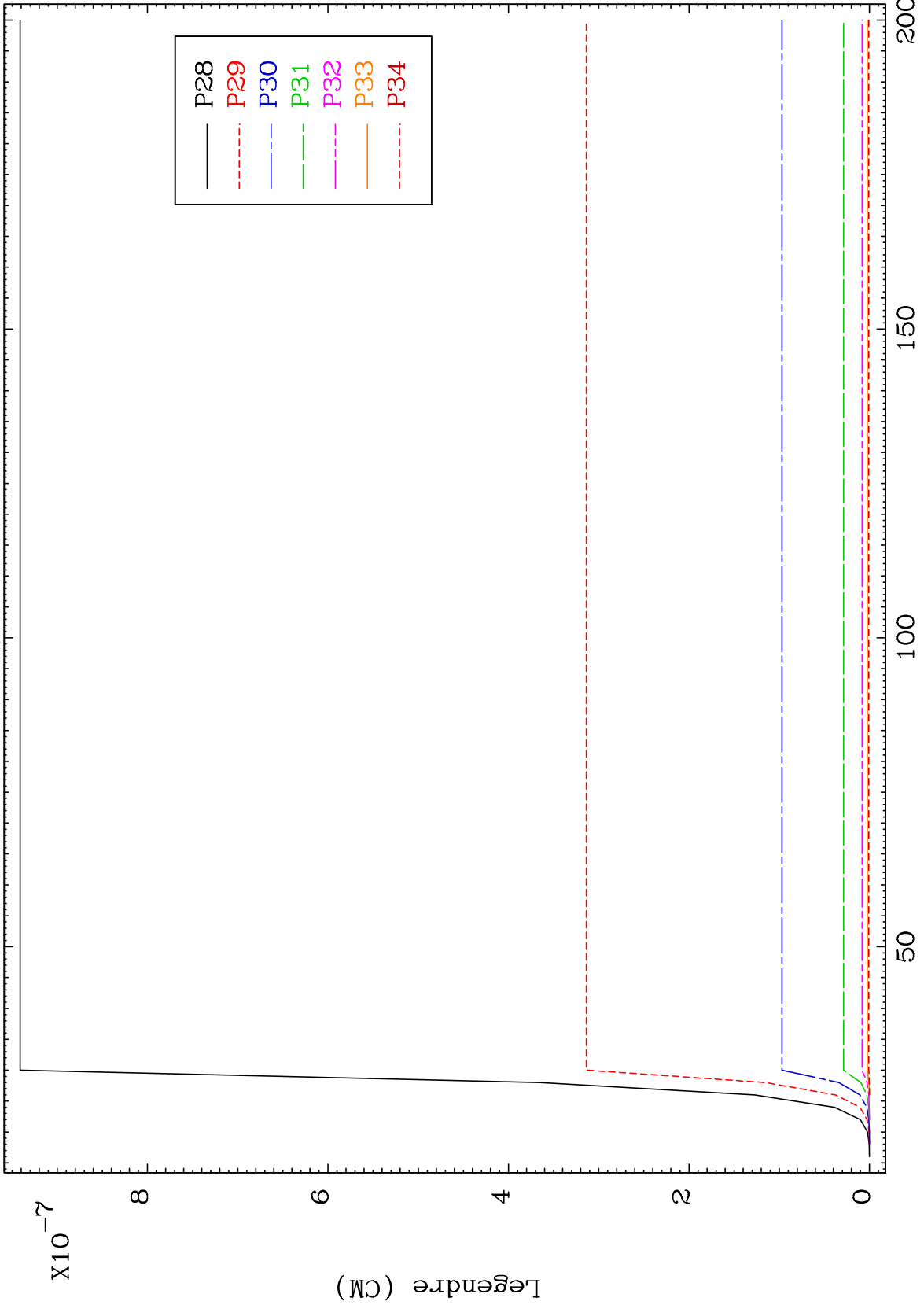
Incident Energy (MeV)

45-Rh-93

MAT 4495

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

45-Rh-93



24

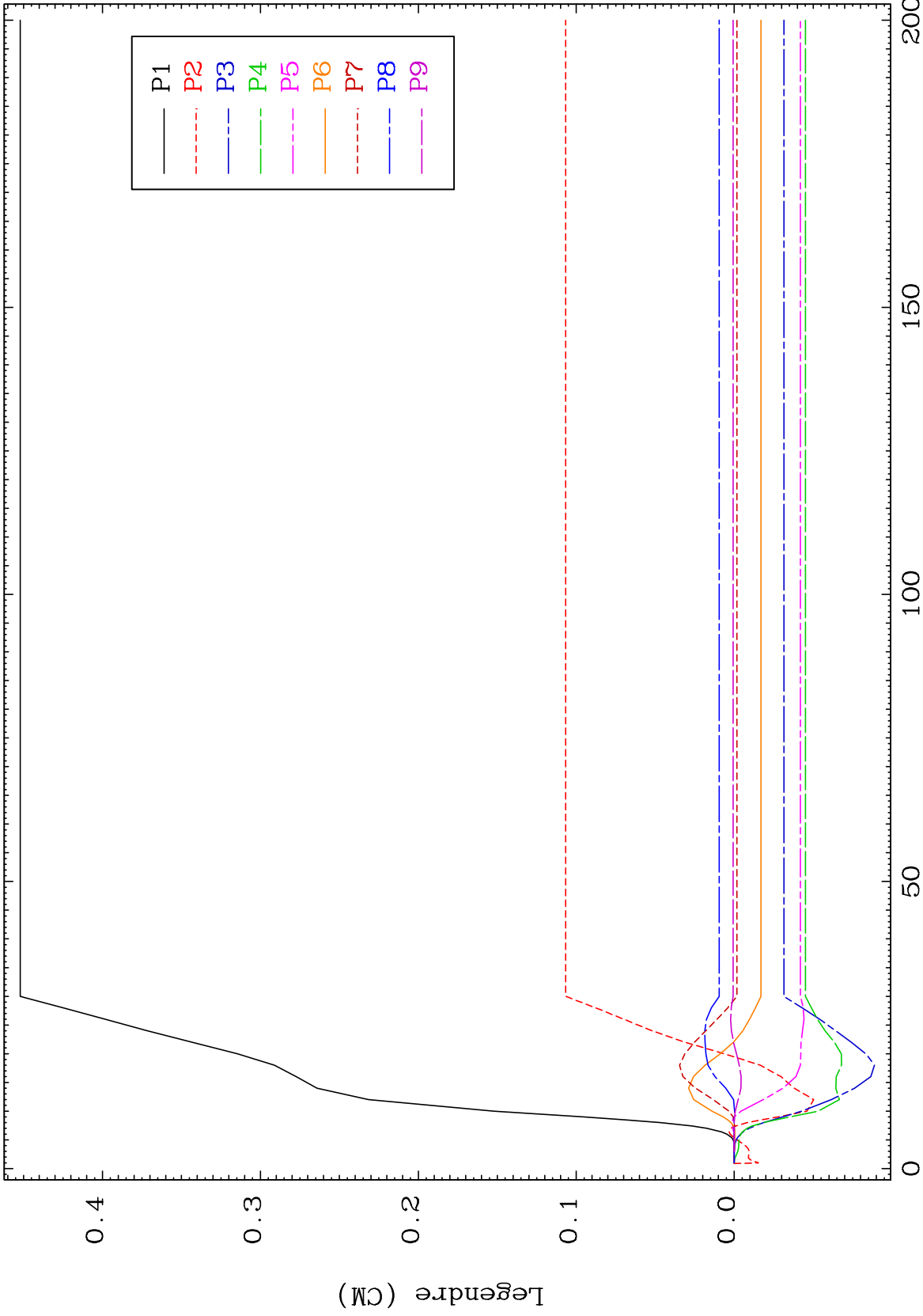
Incident Energy (MeV)

45-Rh-93

MAT 4495

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

45-Rh-93



25

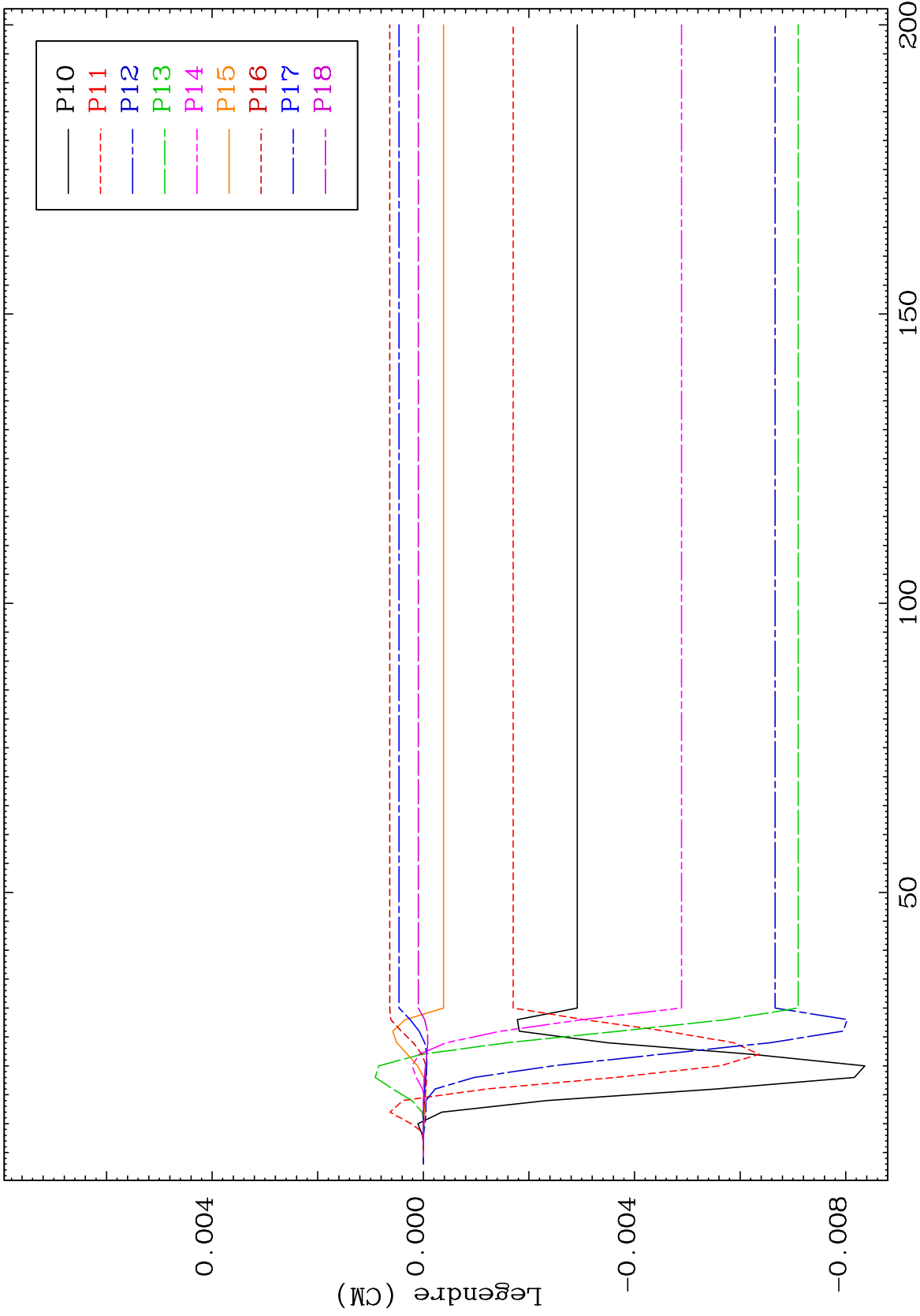
Incident Energy (MeV)

45-Rh-93

MAT 4495

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

45-Rh-93



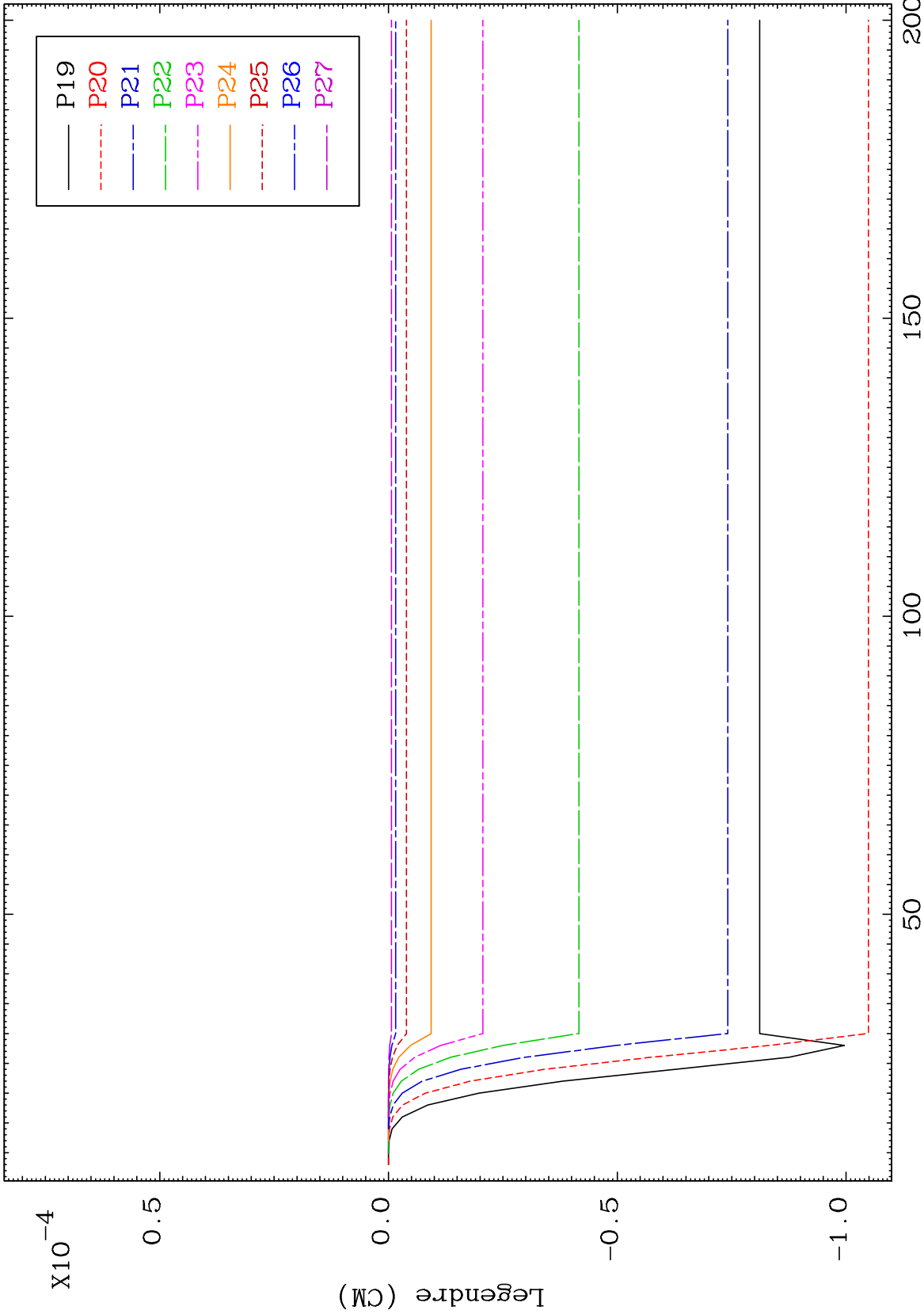
26

45-Rh-93

MAT 4495

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

45-Rh-93



27

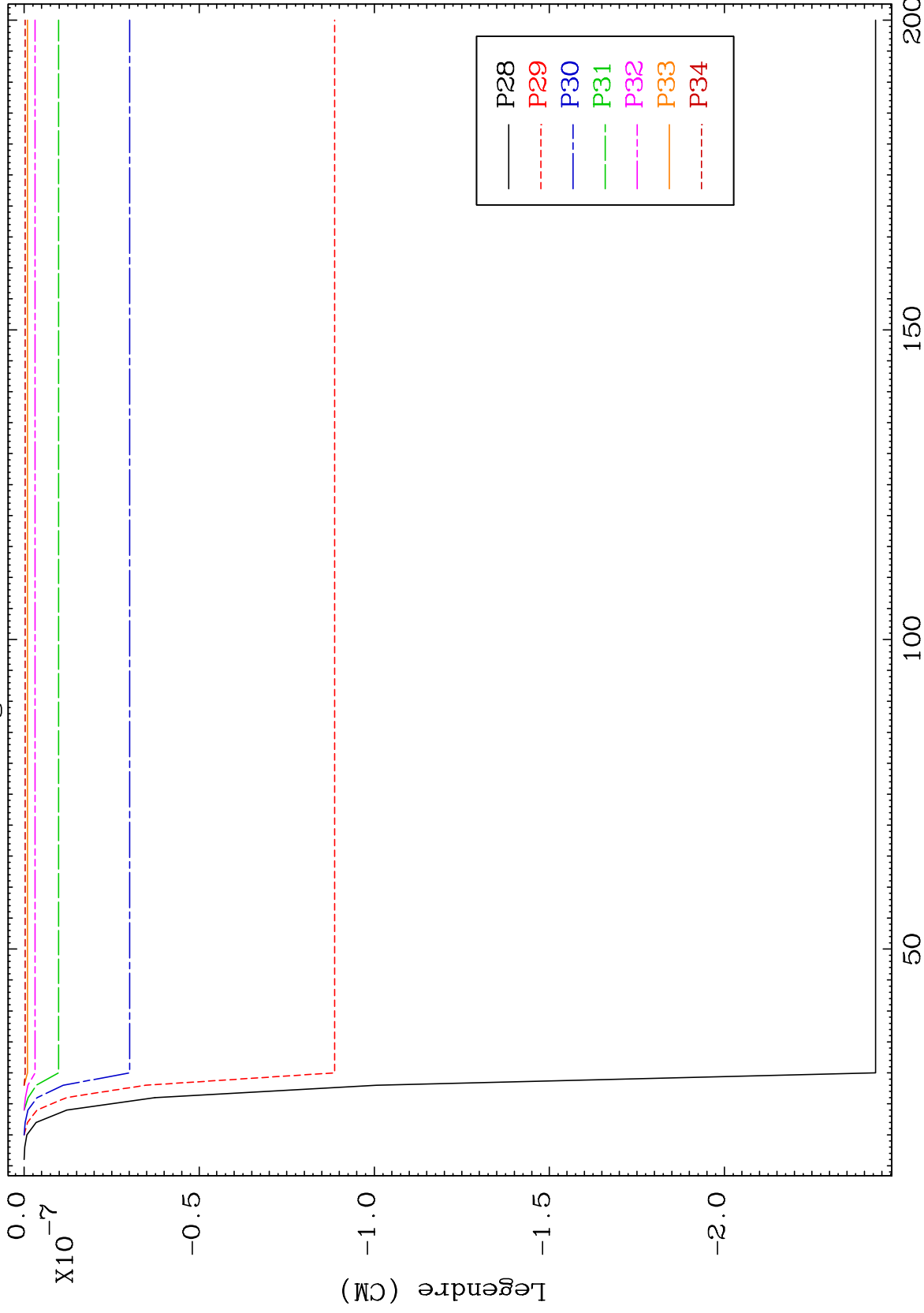
Incident Energy (MeV)

45-Rh-93

MAT 4495

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

45-Rh-93



28

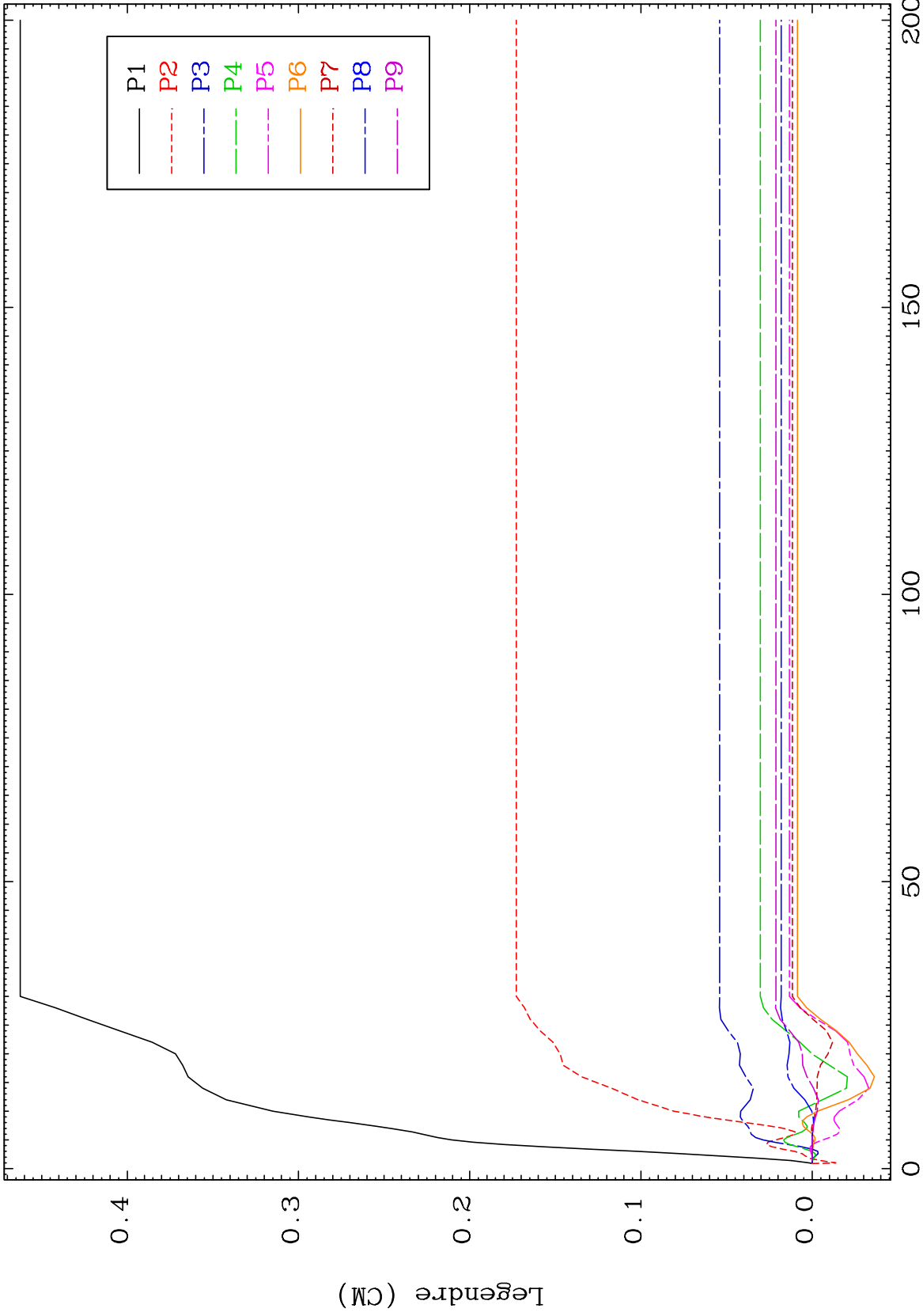
45-Rh-93

200

MAT 4495

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

45-Rh-93



29

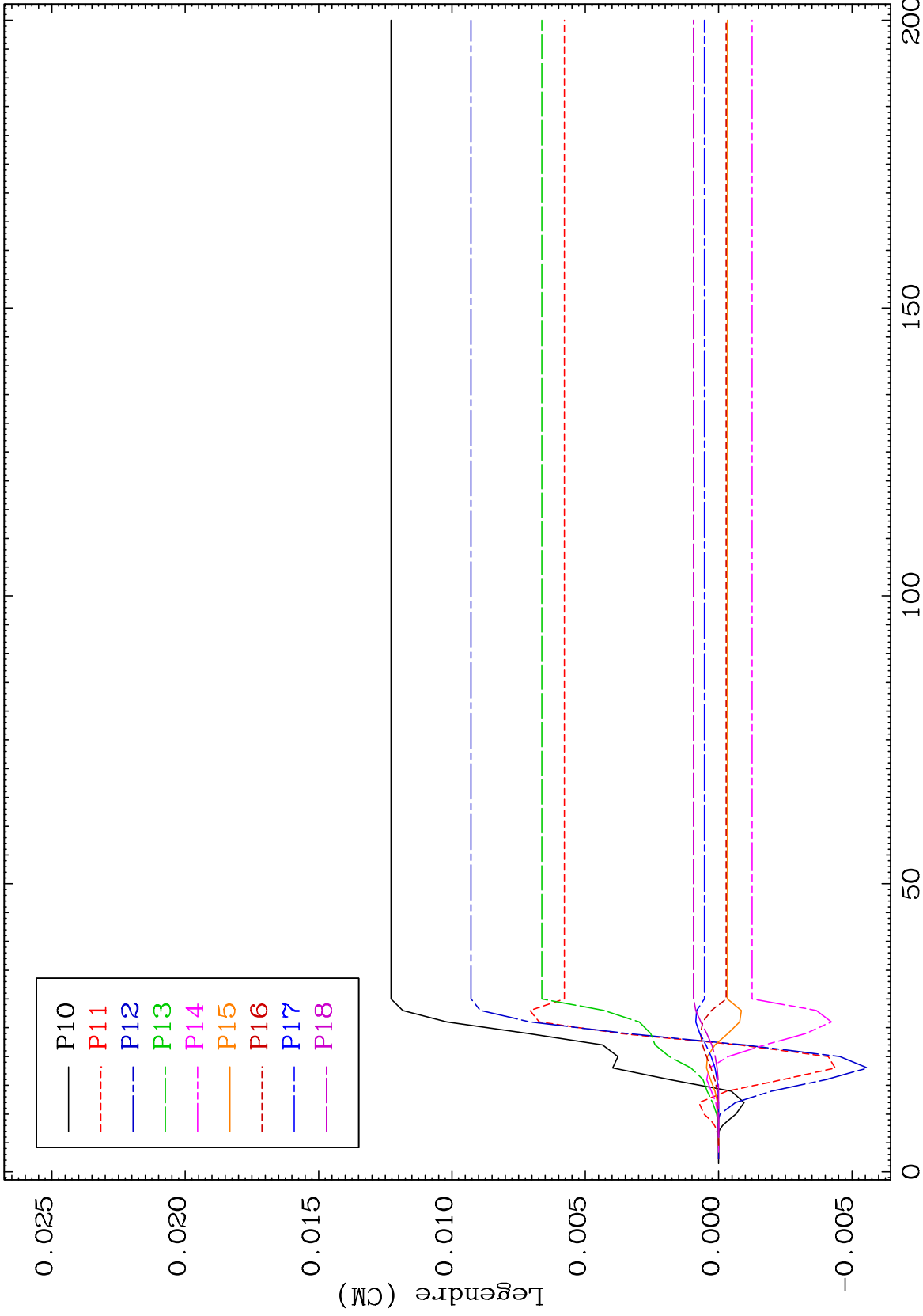
Incident Energy (MeV)

45-Rh-93

MAT 4495

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

45-Rh-93



0

30

50

100

150

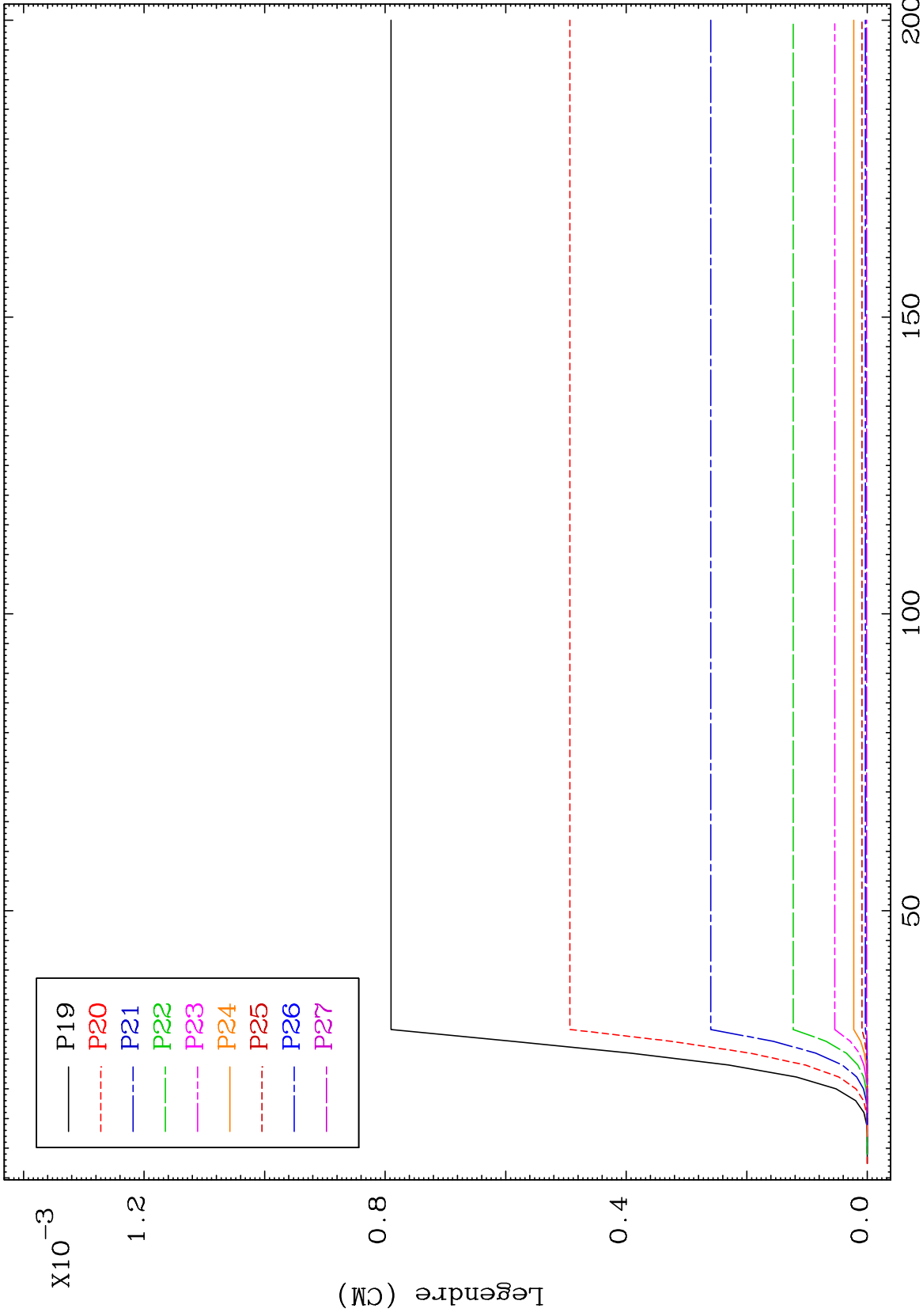
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45-Rh-93

MAT 4495

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

45-Rh-93



31

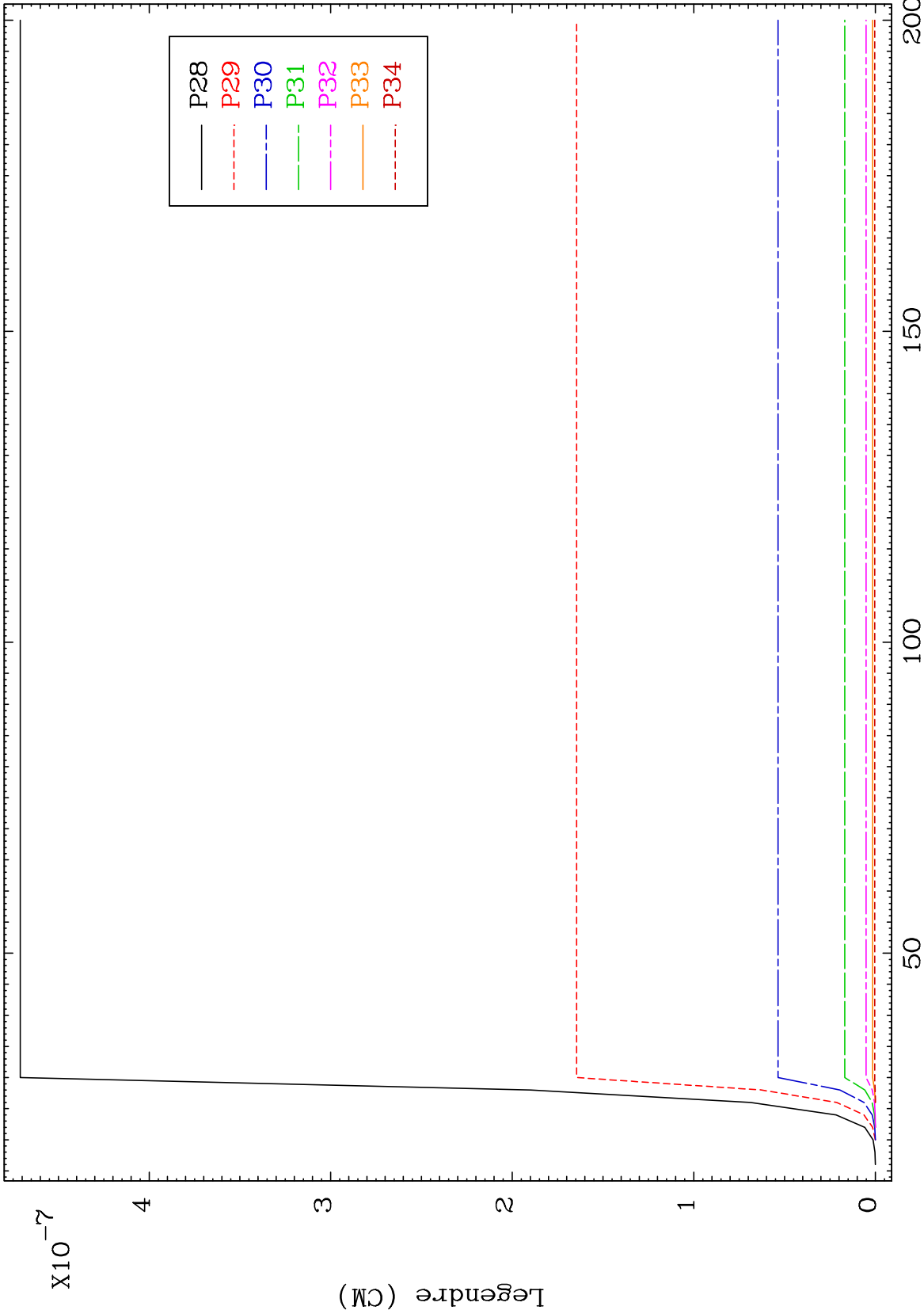
Incident Energy (MeV)

45-Rh-93

MAT 4495

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

45-Rh-93



32

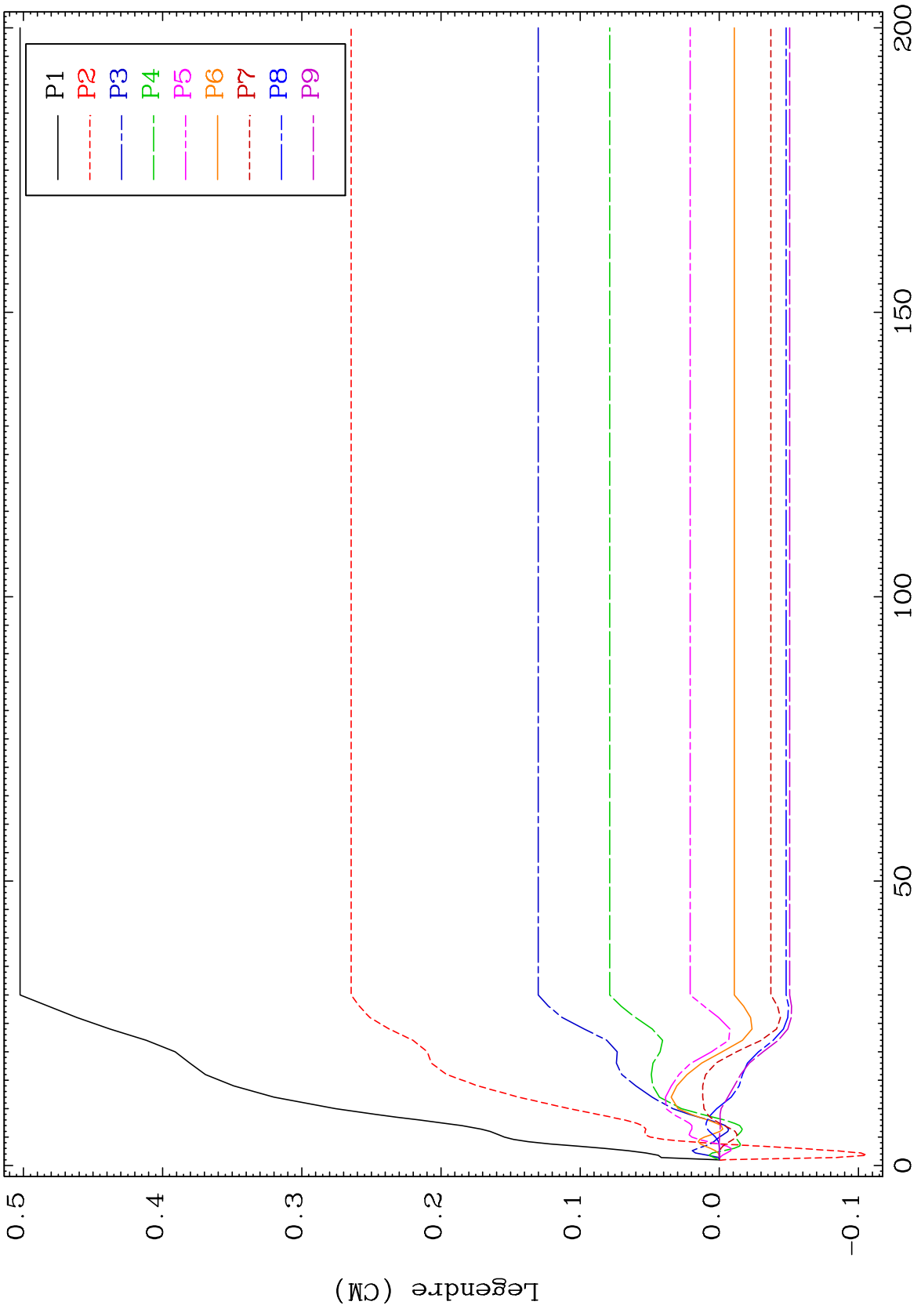
Incident Energy (MeV)

45-Rh-93

MAT 4495

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

45-Rh-93



33

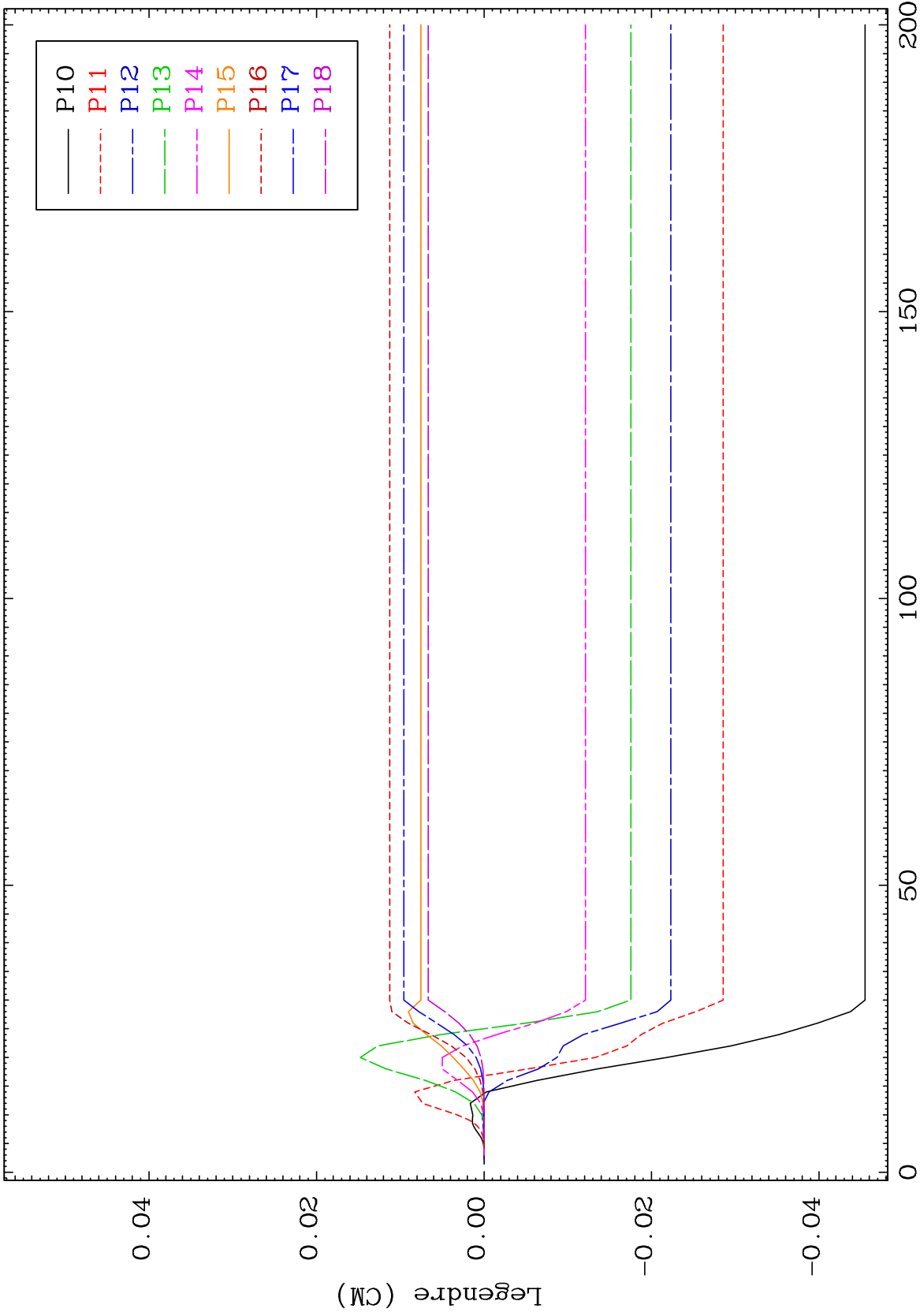
Incident Energy (MeV)

45-Rh-93

MAT 4495

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

45-Rh-93



34

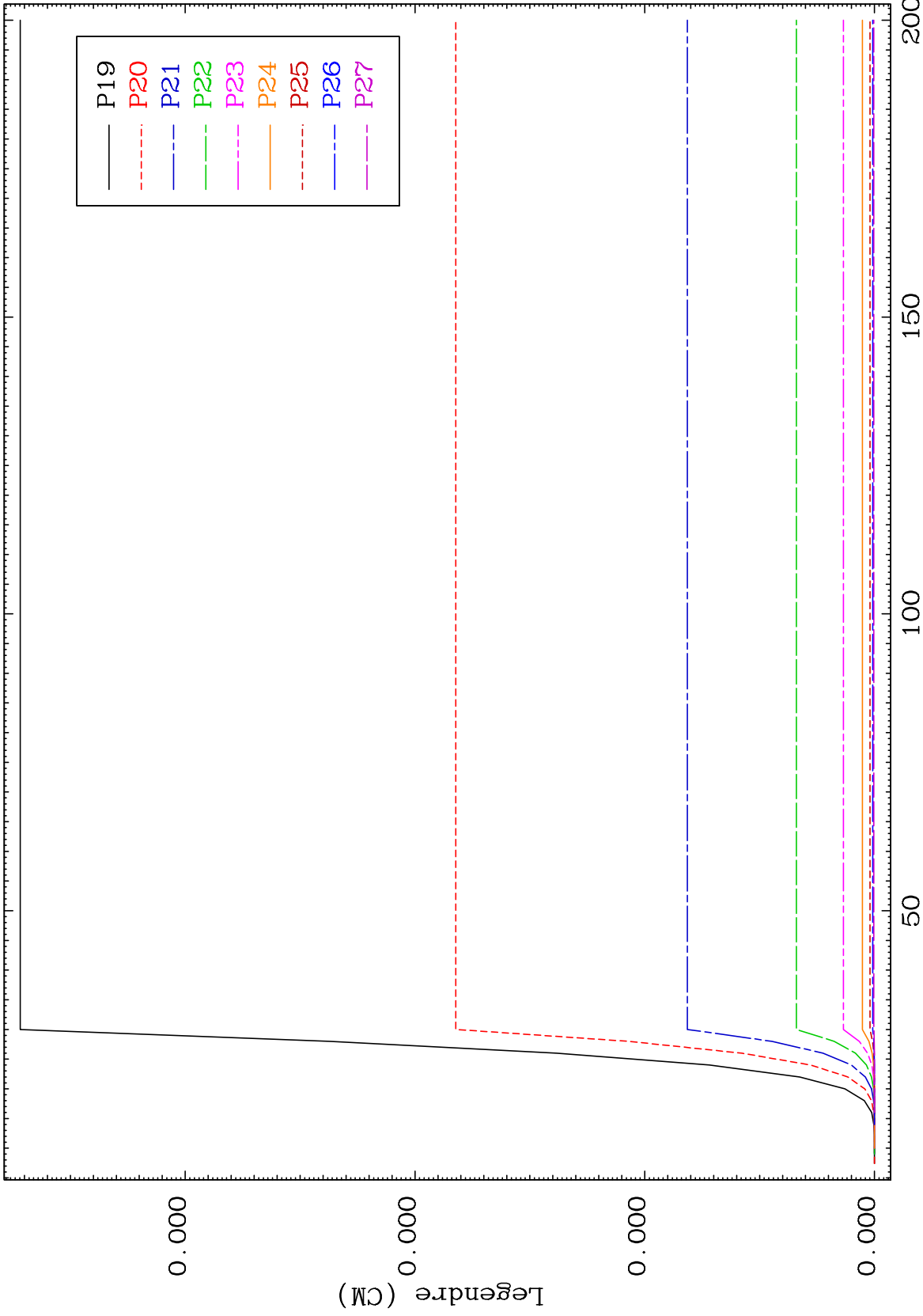
Incident Energy (MeV)

45-Rh-93

MAT 4495

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

45-Rh-93



35

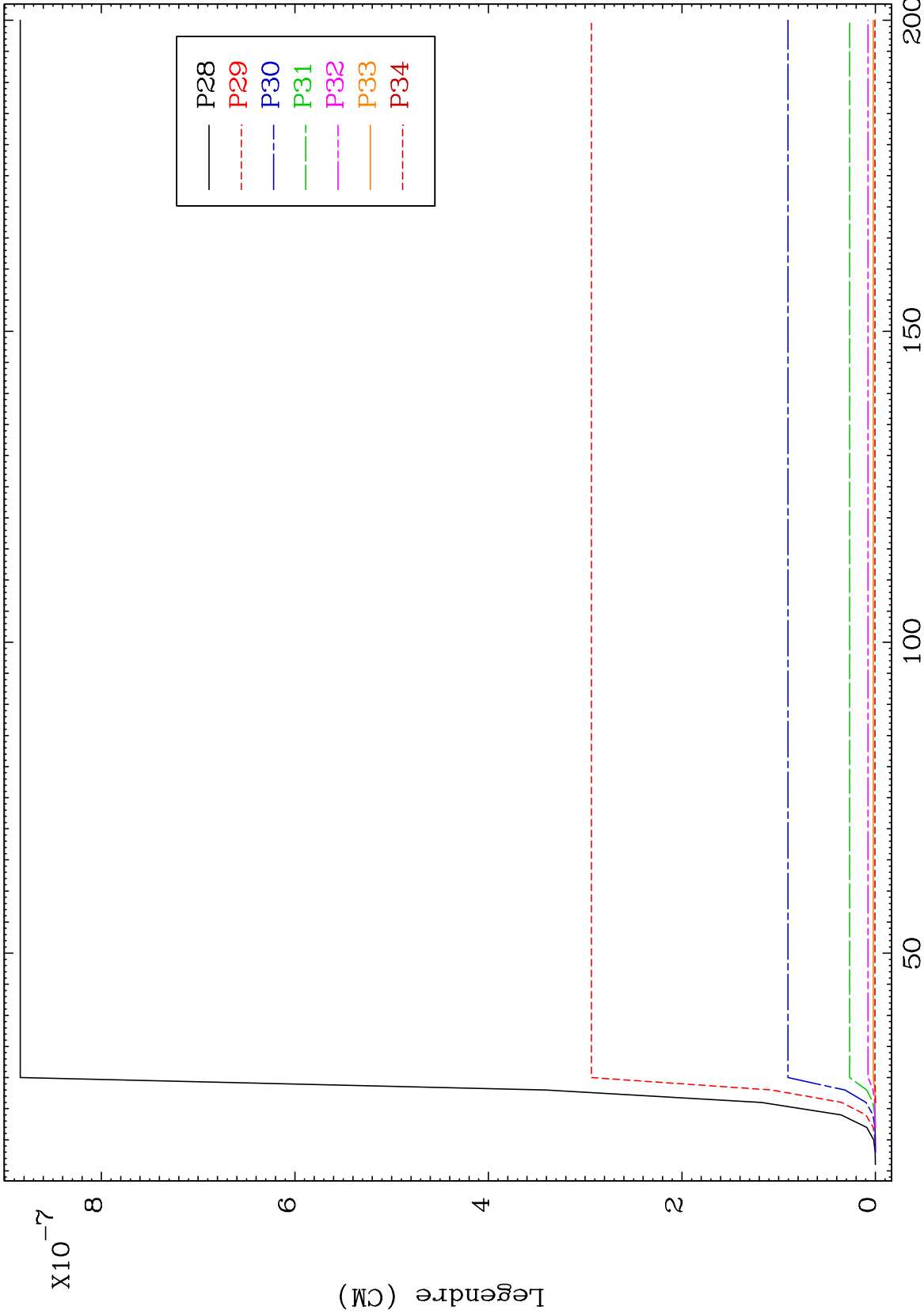
Incident Energy (MeV)

45-Rh-93

MAT 4495

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

45-Rh-93



36

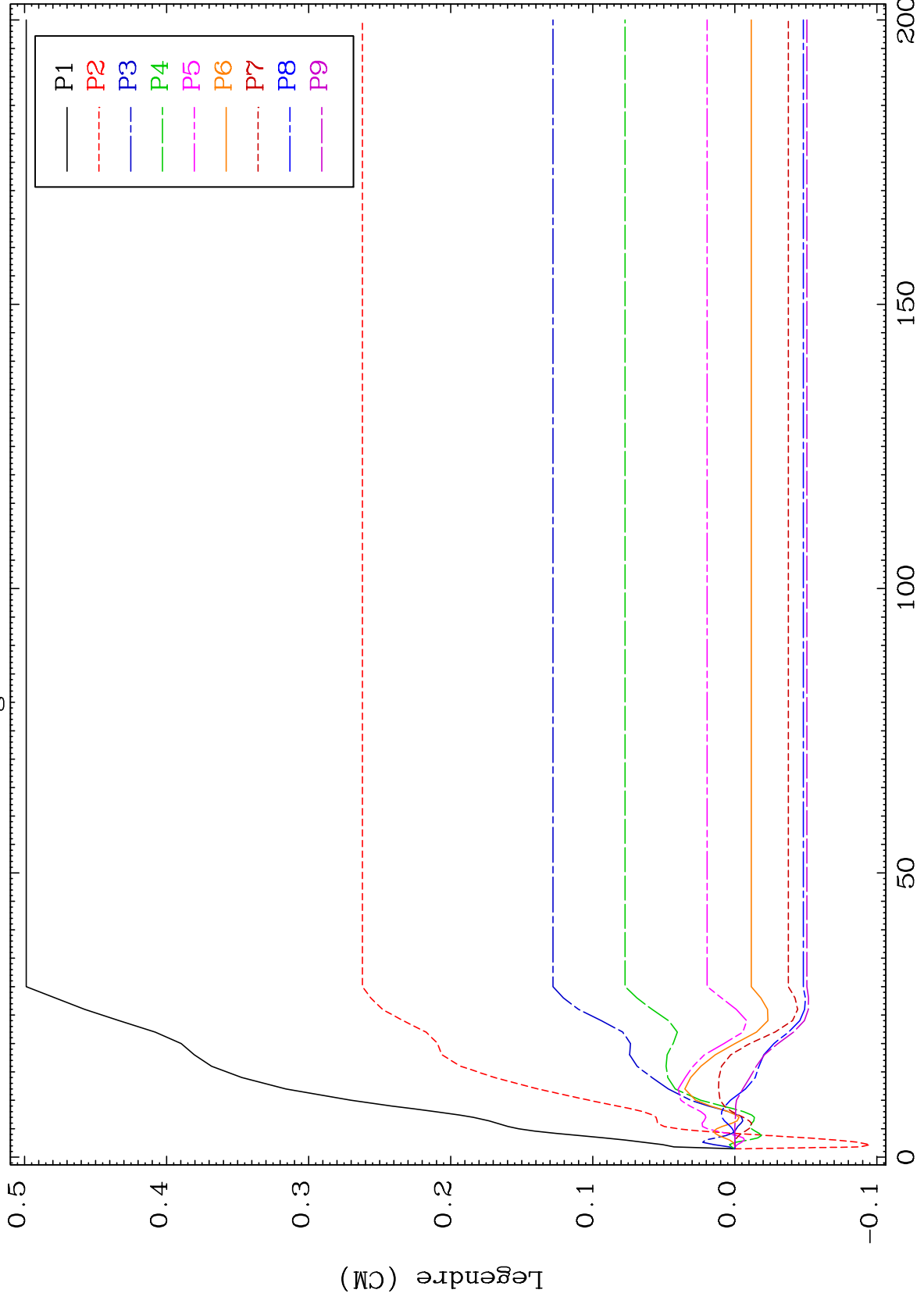
Incident Energy (MeV)

45-Rh-93

MAT 4495

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

45-Rh-93



37

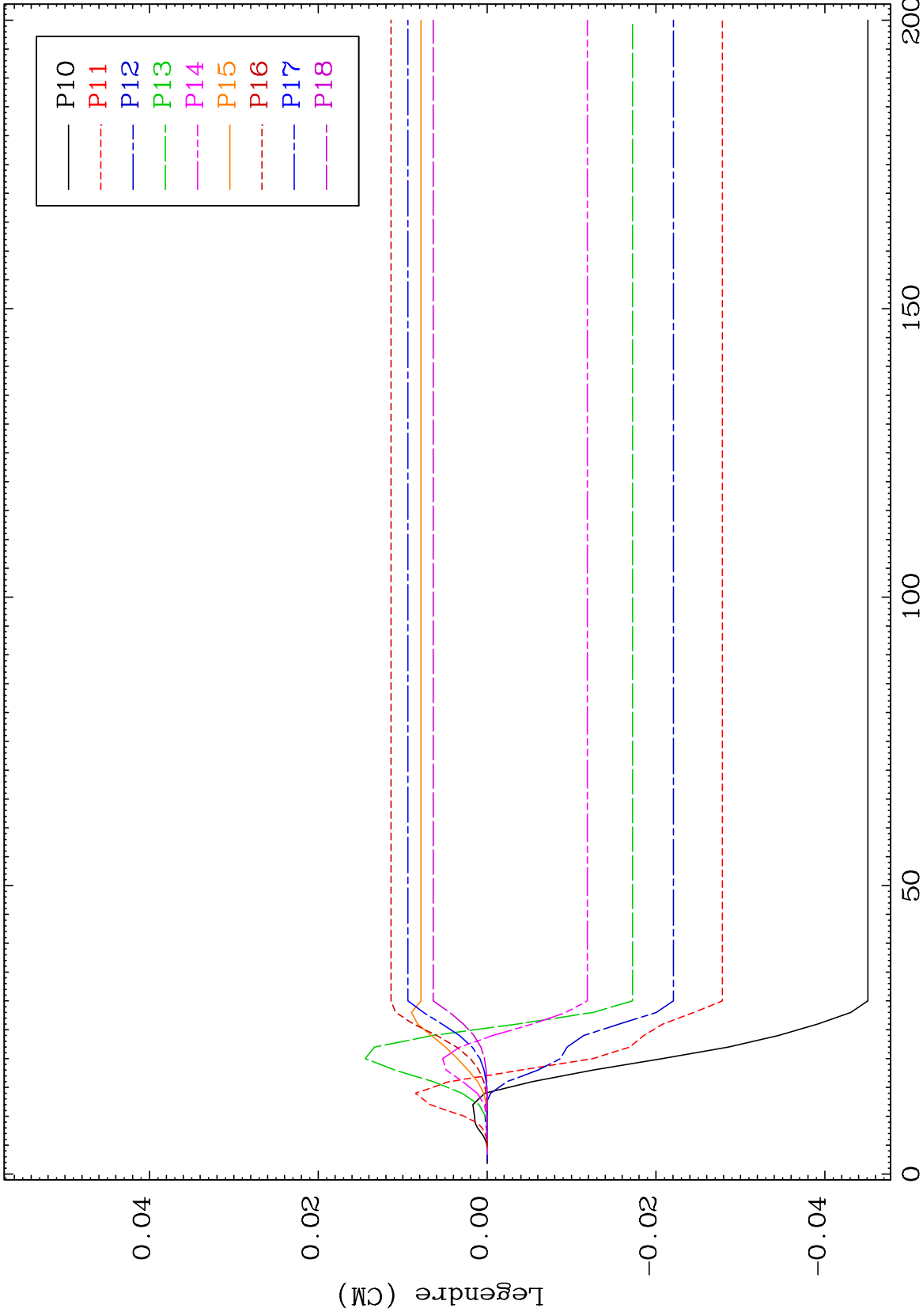
Incident Energy (MeV)

45-Rh-93

MAT 4495

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

45-Rh-93



38

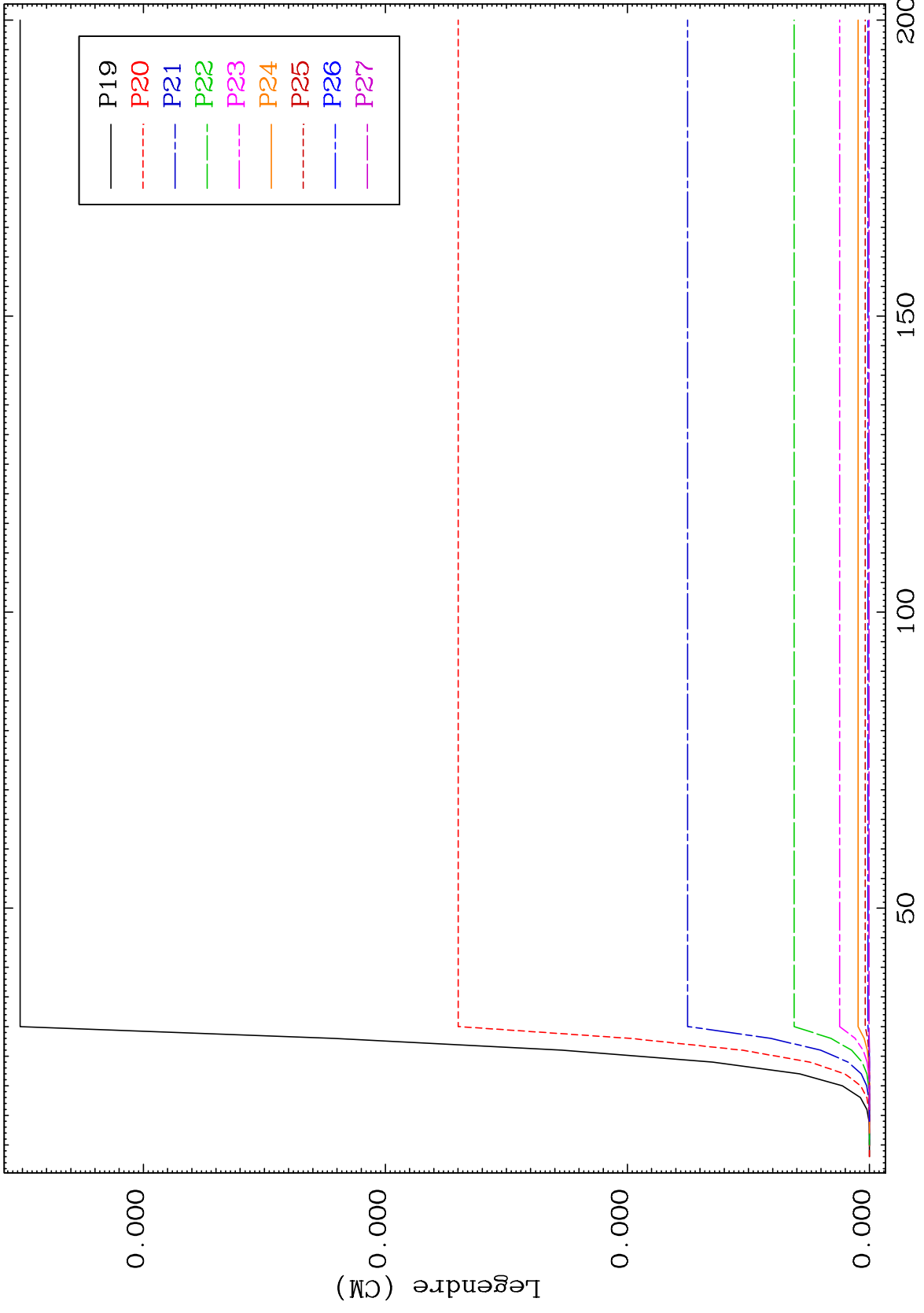
Incident Energy (MeV)

45-Rh-93

MAT 4495

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

45-Rh-93



39

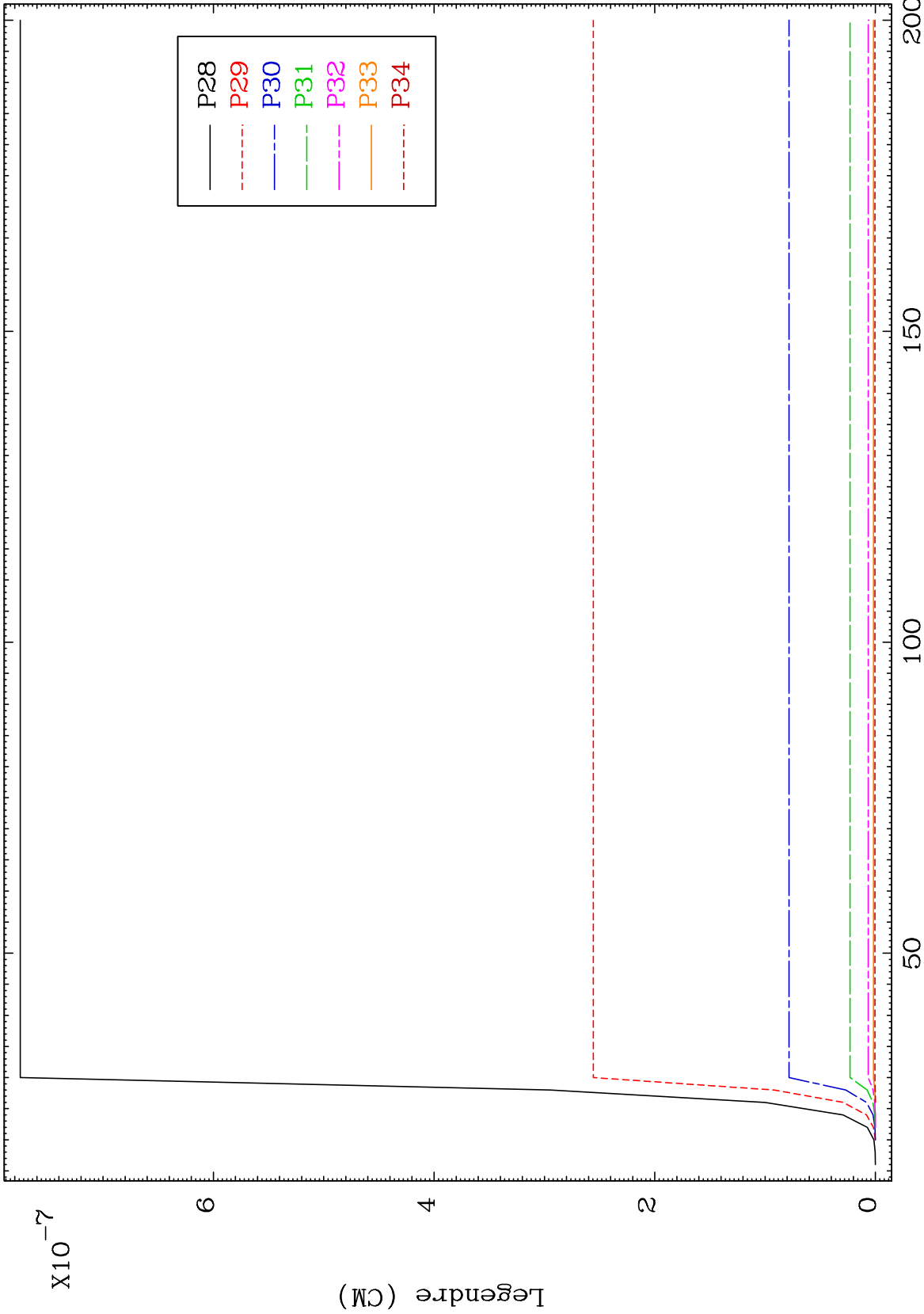
Incident Energy (MeV)

45-Rh-93

MAT 4495

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

45-Rh-93



40

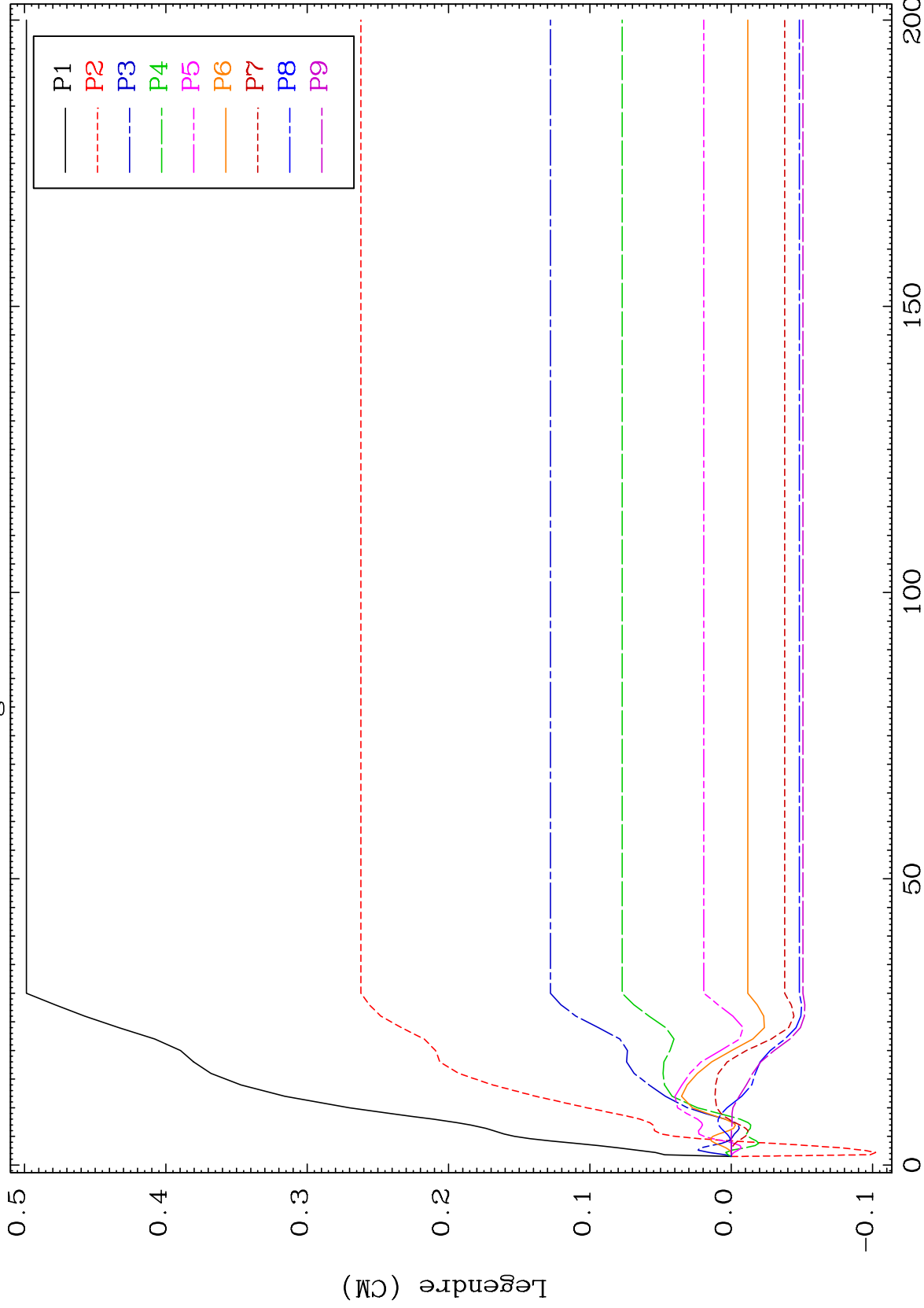
Incident Energy (MeV)

45-Rh-93

MAT 4495

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

45-Rh-93



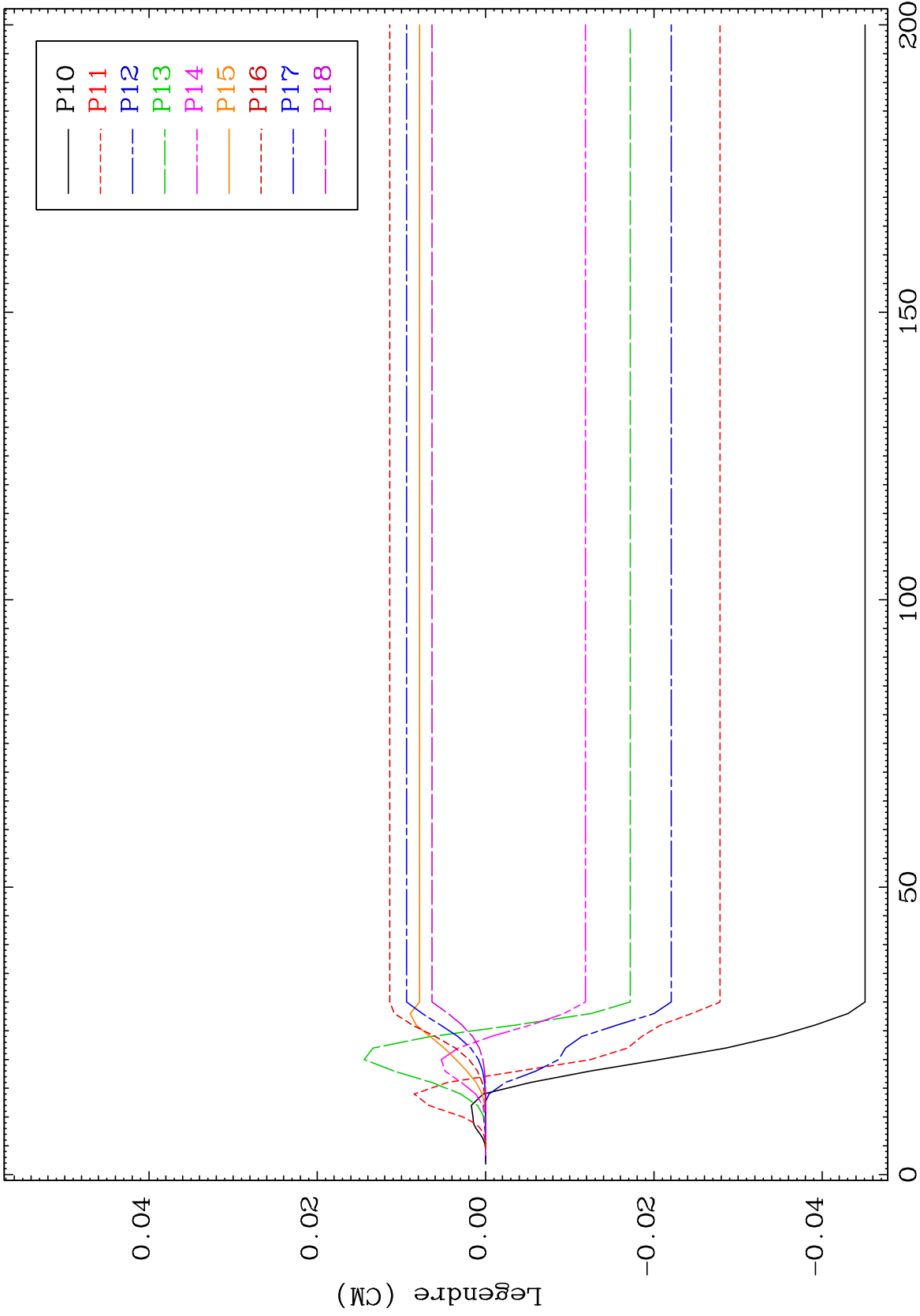
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45-Rh-93

MAT 4495

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

45-Rh-93



42

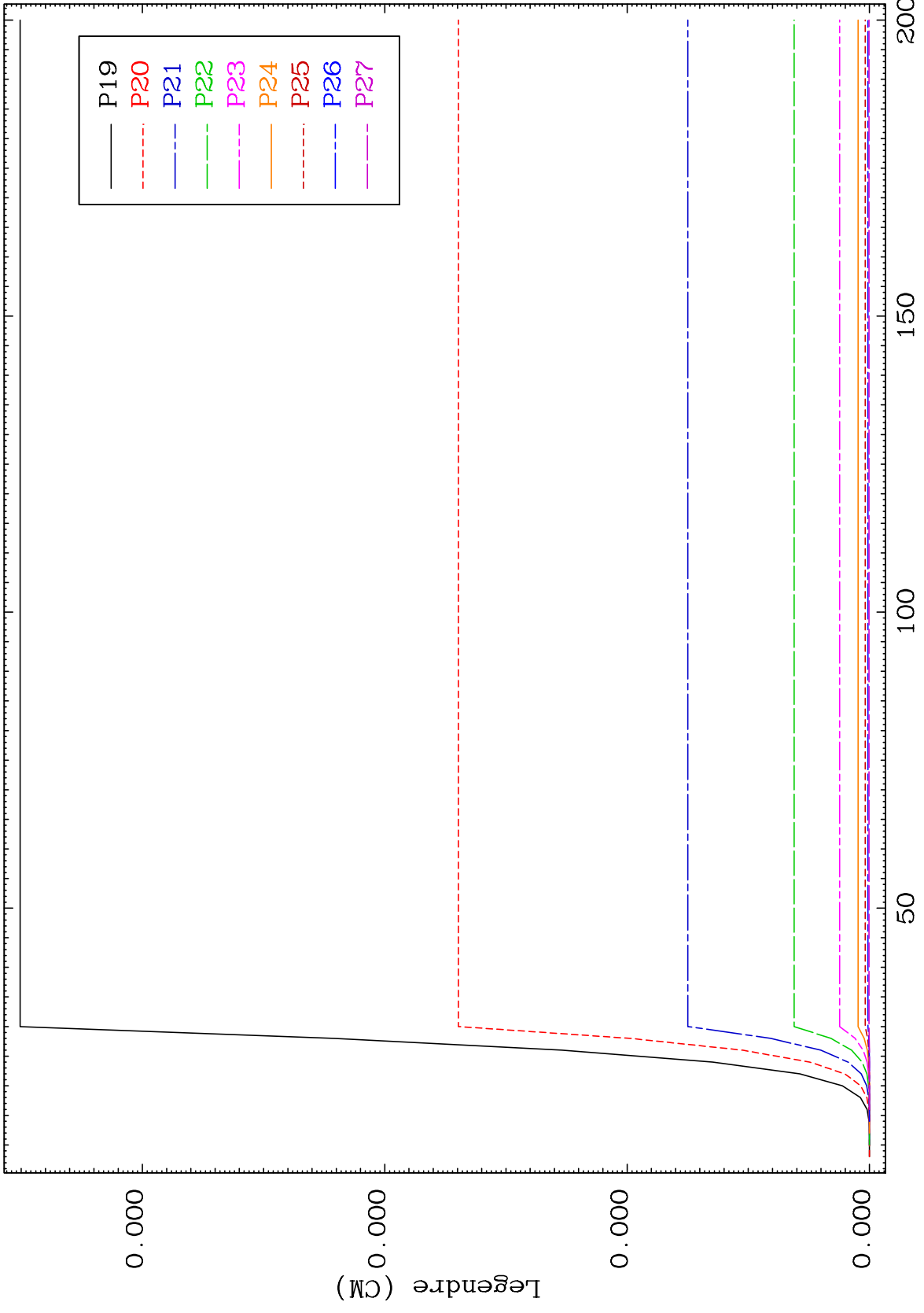
Incident Energy (MeV)

45-Rh-93

MAT 4495

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

45-Rh-93



43

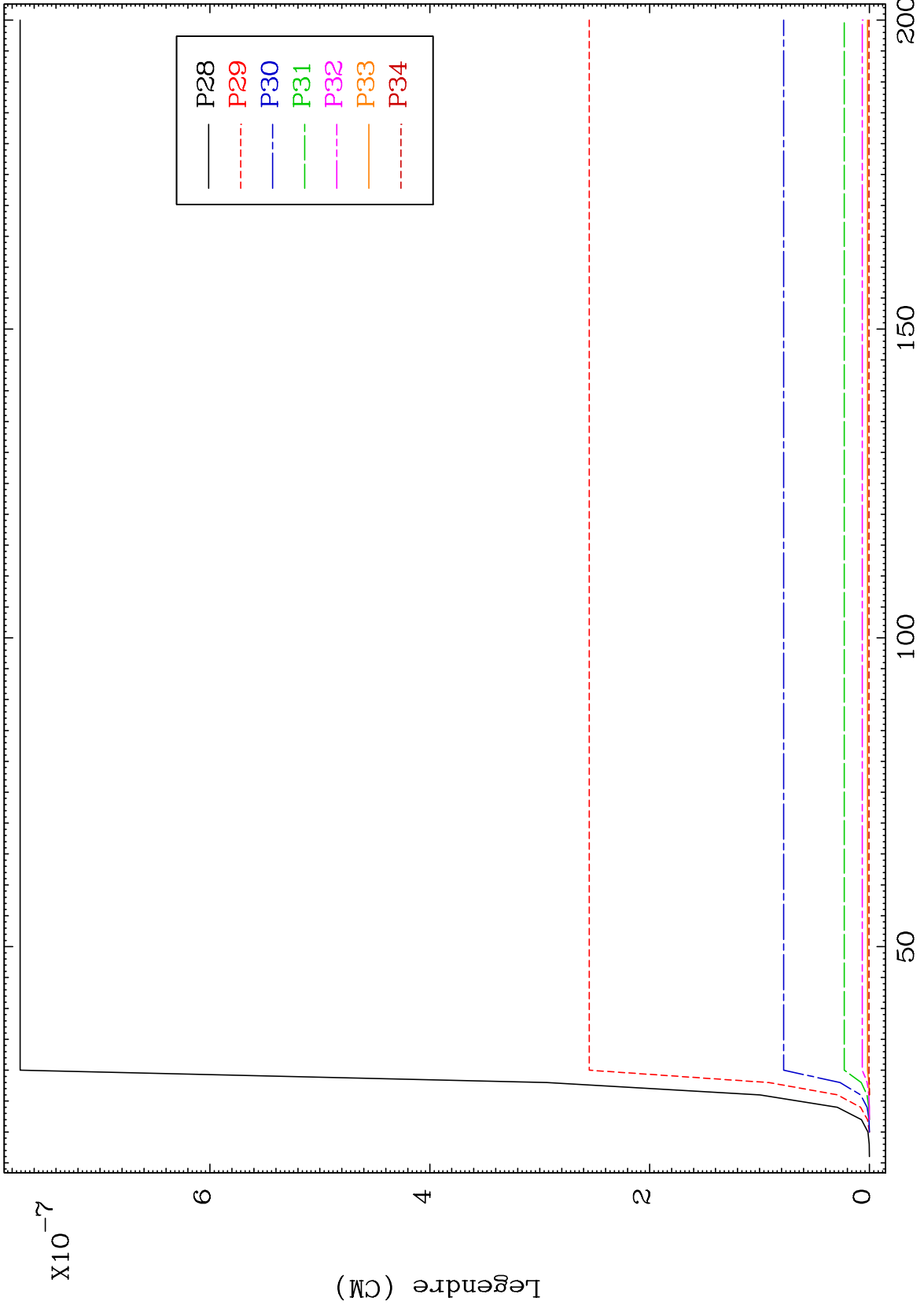
Incident Energy (MeV)

45-Rh-93

MAT 4495

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

45-Rh-93



44

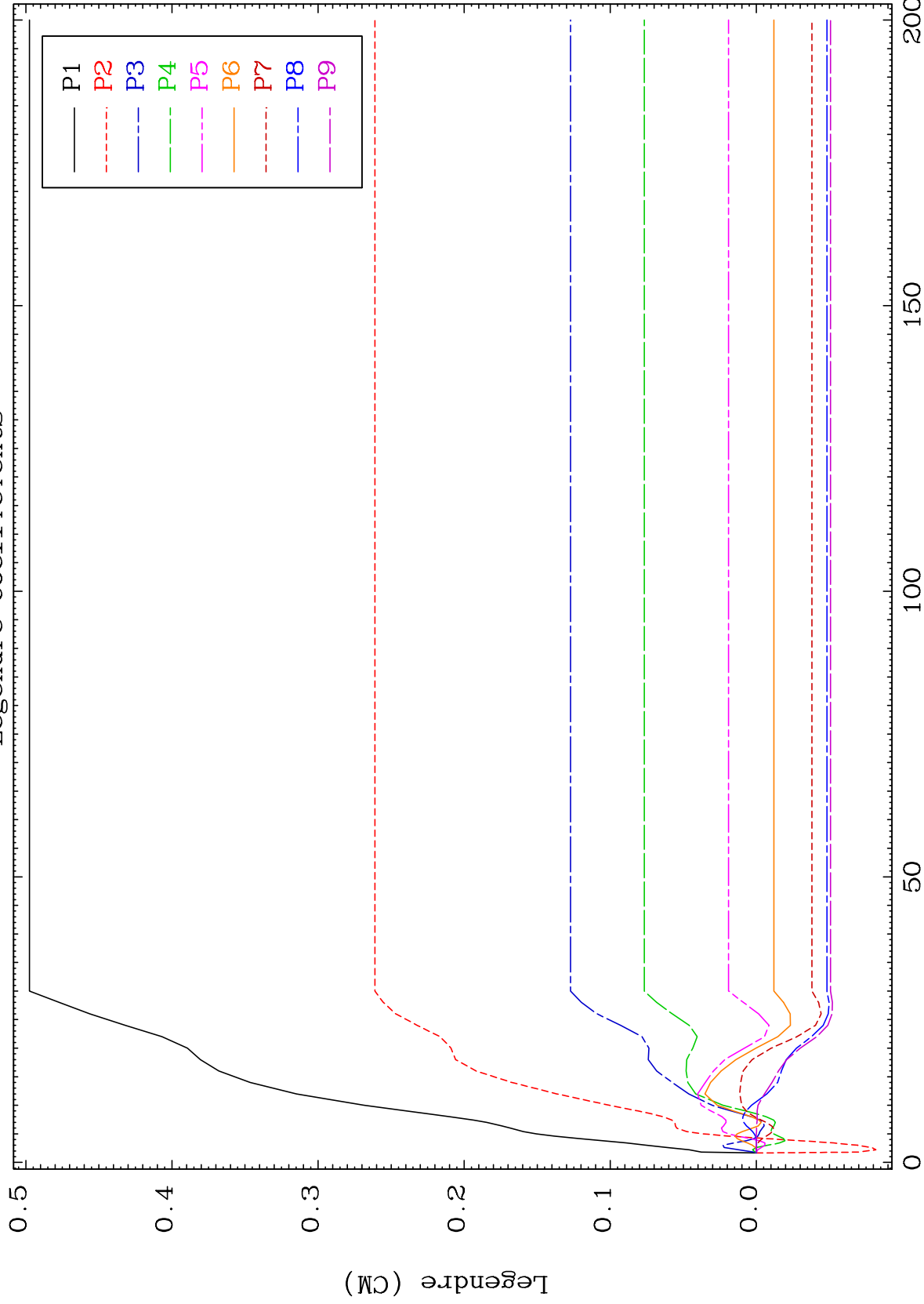
Incident Energy (MeV)

45-Rh-93

MAT 4495

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

45-Rh-93



45

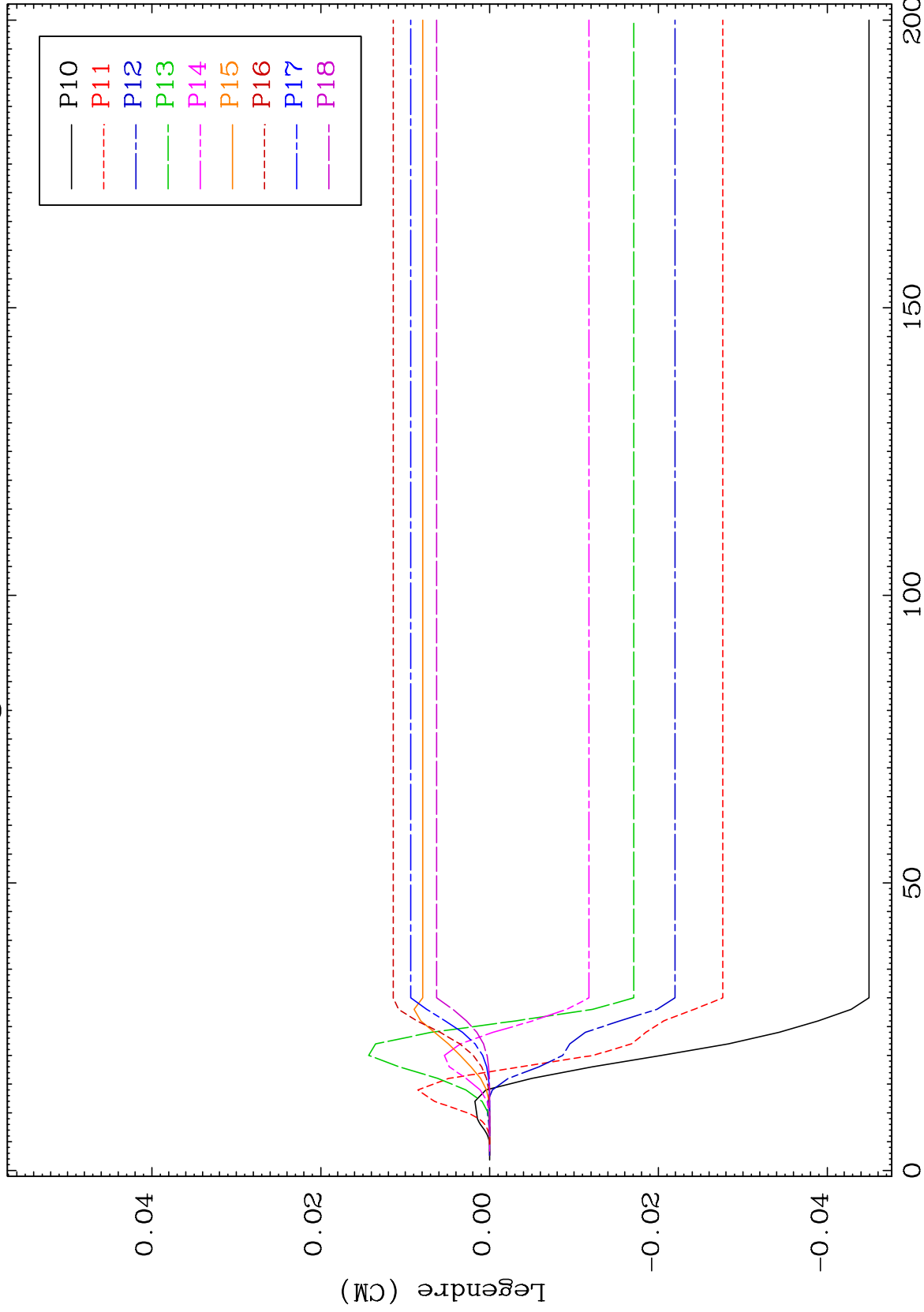
Incident Energy (MeV)

45-Rh-93

MAT 4495

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

45-Rh-93



46

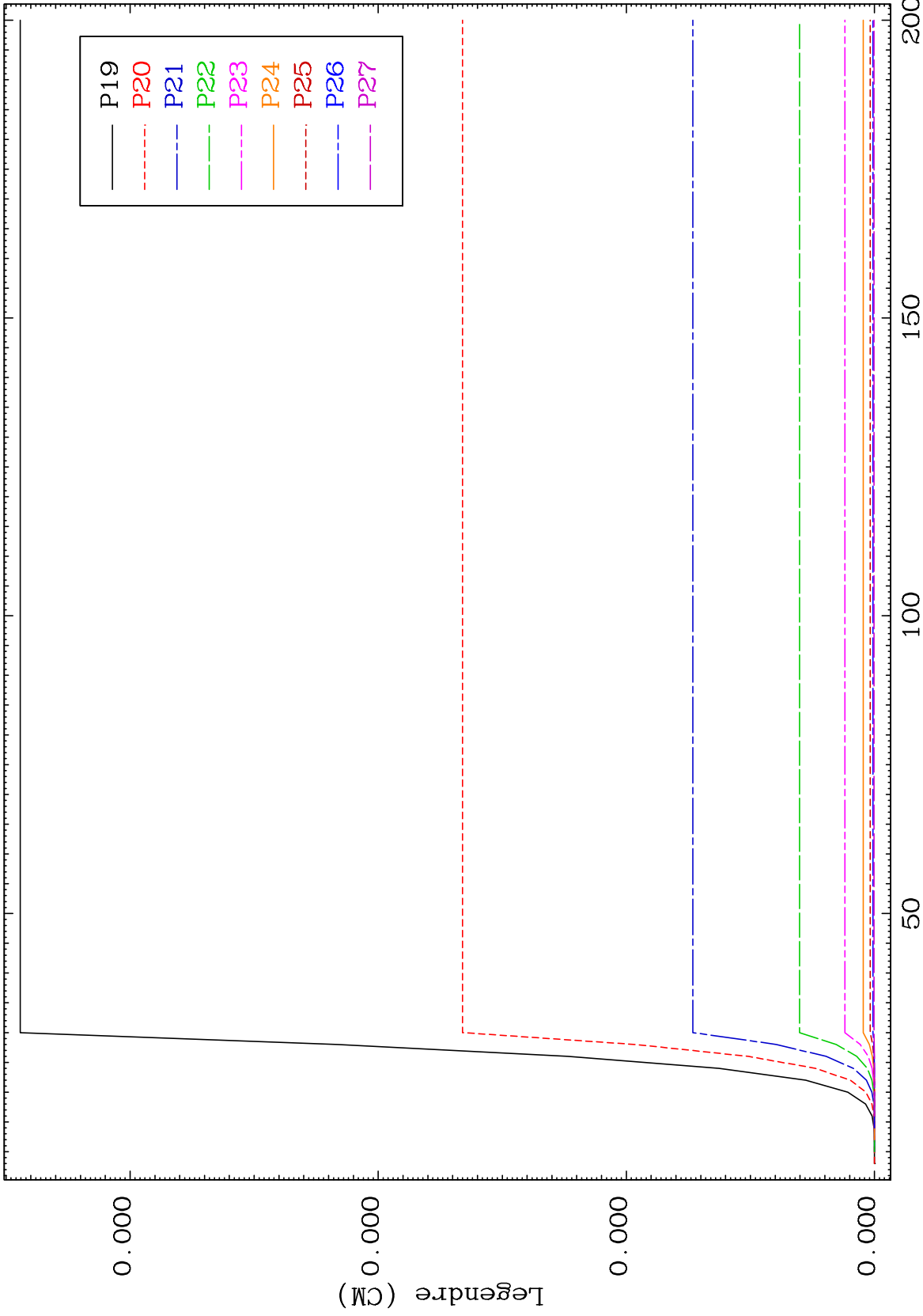
Incident Energy (MeV)

45-Rh-93

MAT 4495

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

45-Rh-93



47

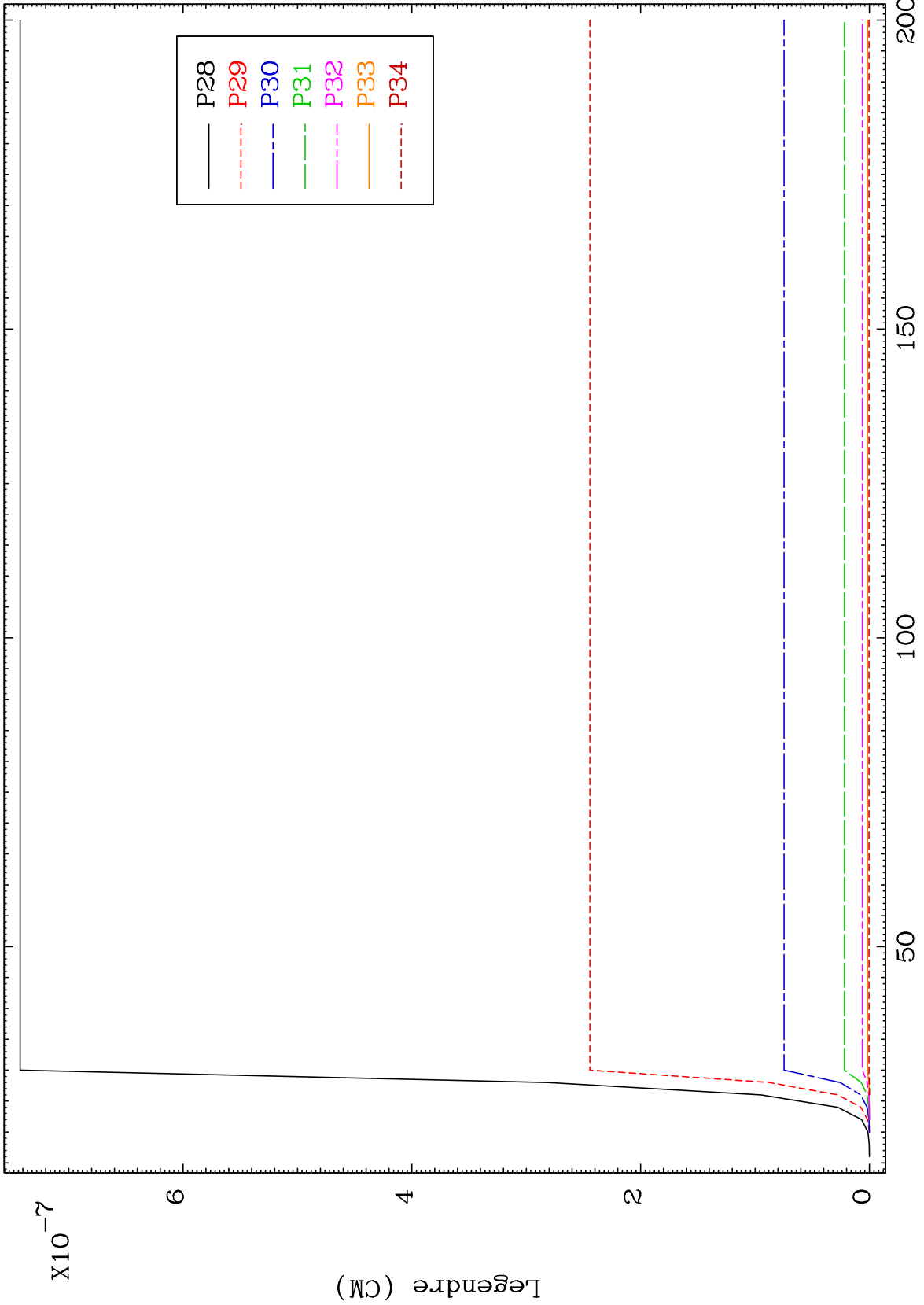
Incident Energy (MeV)

45-Rh-93

MAT 4495

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

45-Rh-93



48

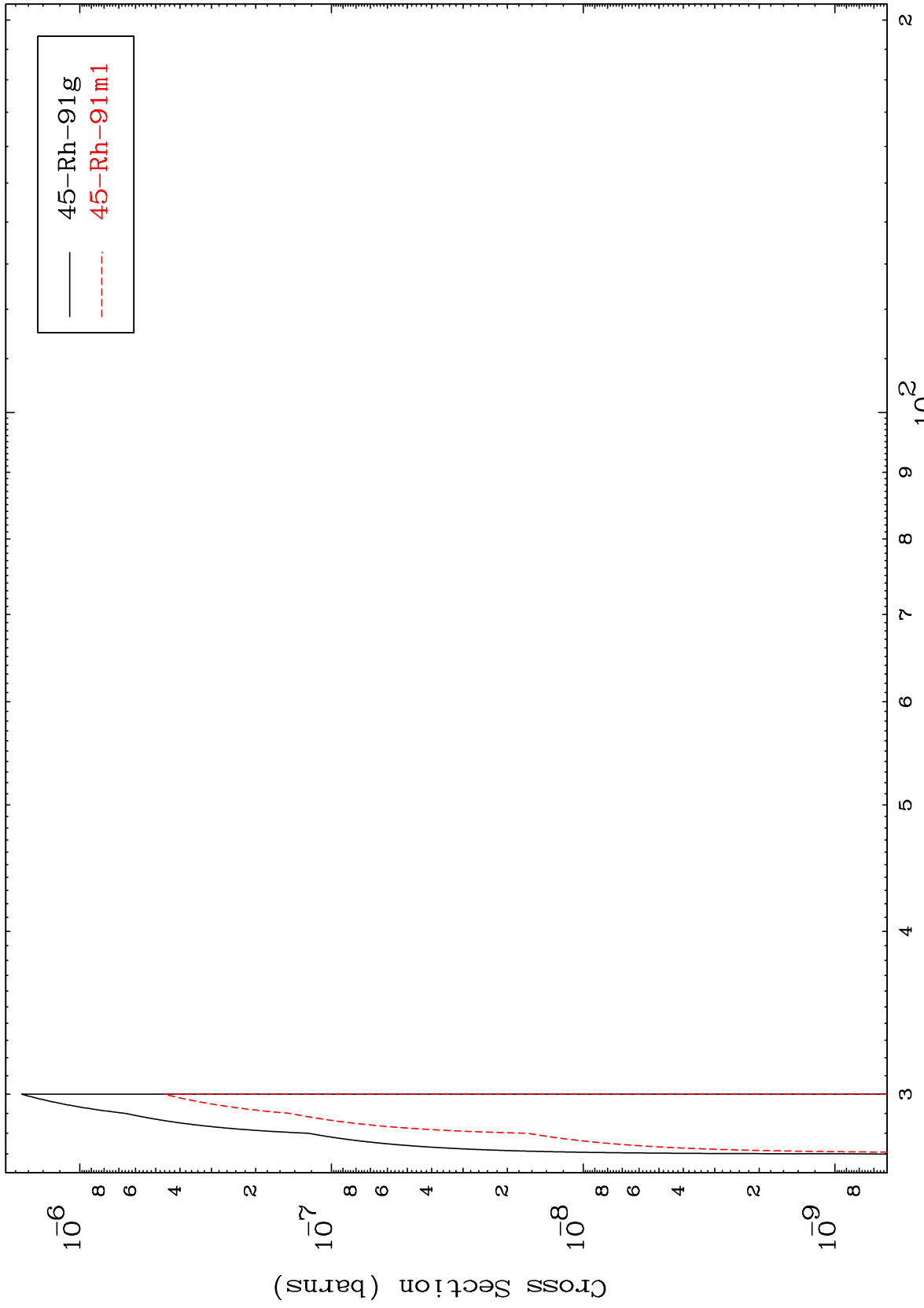
Incident Energy (MeV)

45-Rh-93

MAT 4495

45-Rh-93

(n,3n)
Radionuclide Production Cross Section



49

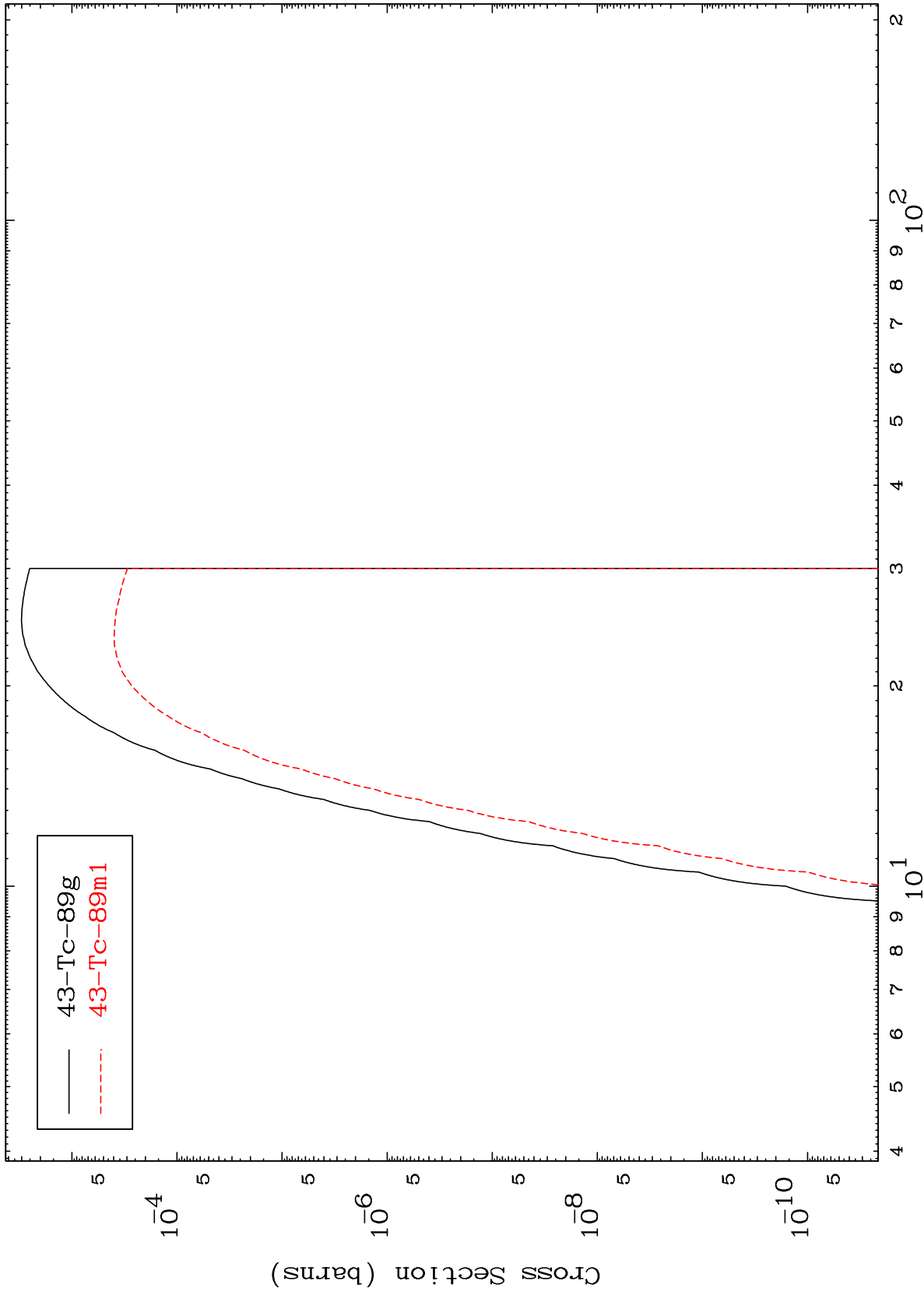
45-Rh-93

MAT 4495

(n,n') α

45-Rh-93

Radionuclide Production Cross Section



50

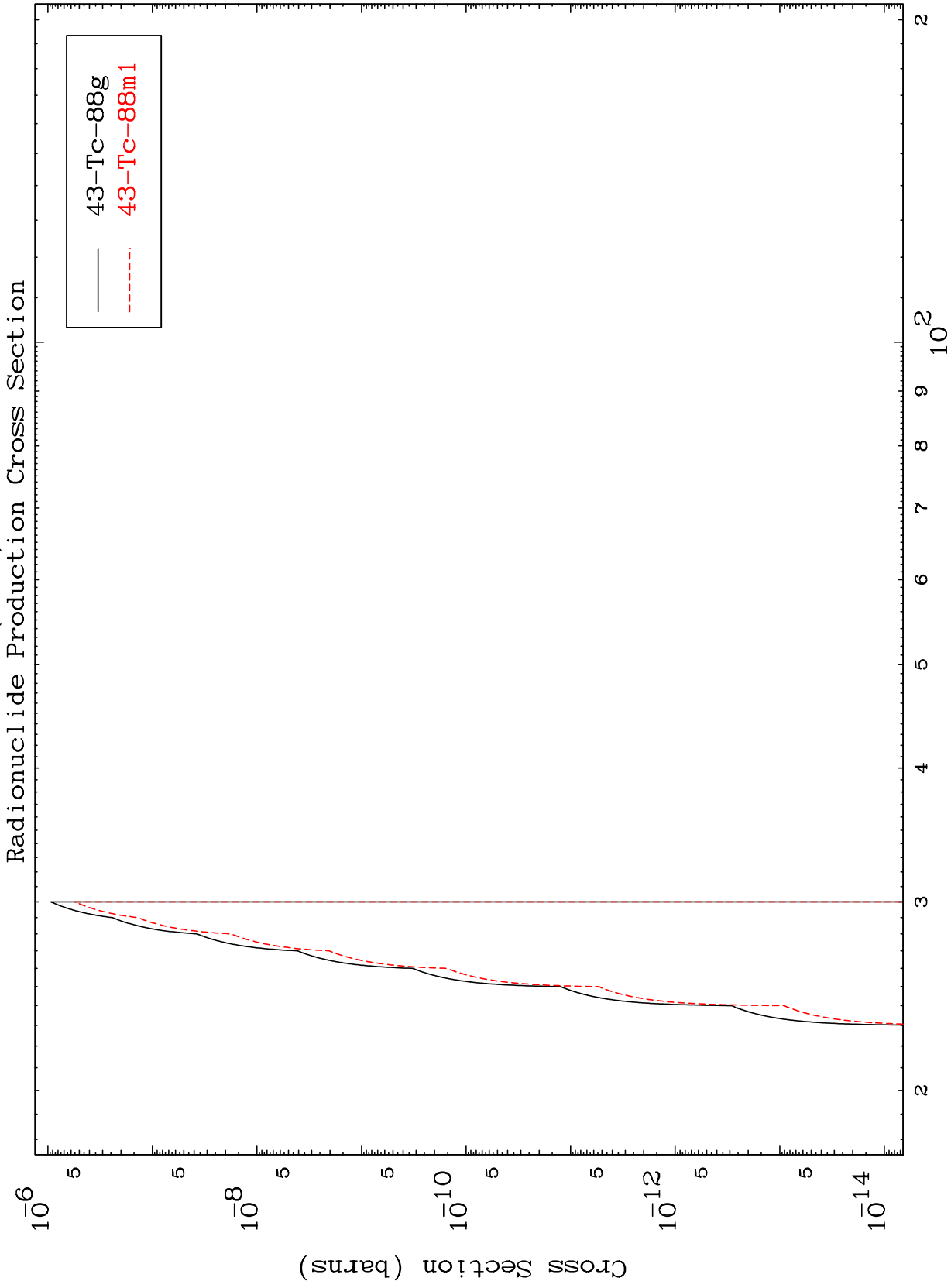
Incident Energy (MeV)

45-Rh-93

MAT 4495

(n,2n) α

45-Rh-93



51

Incident Energy (MeV)

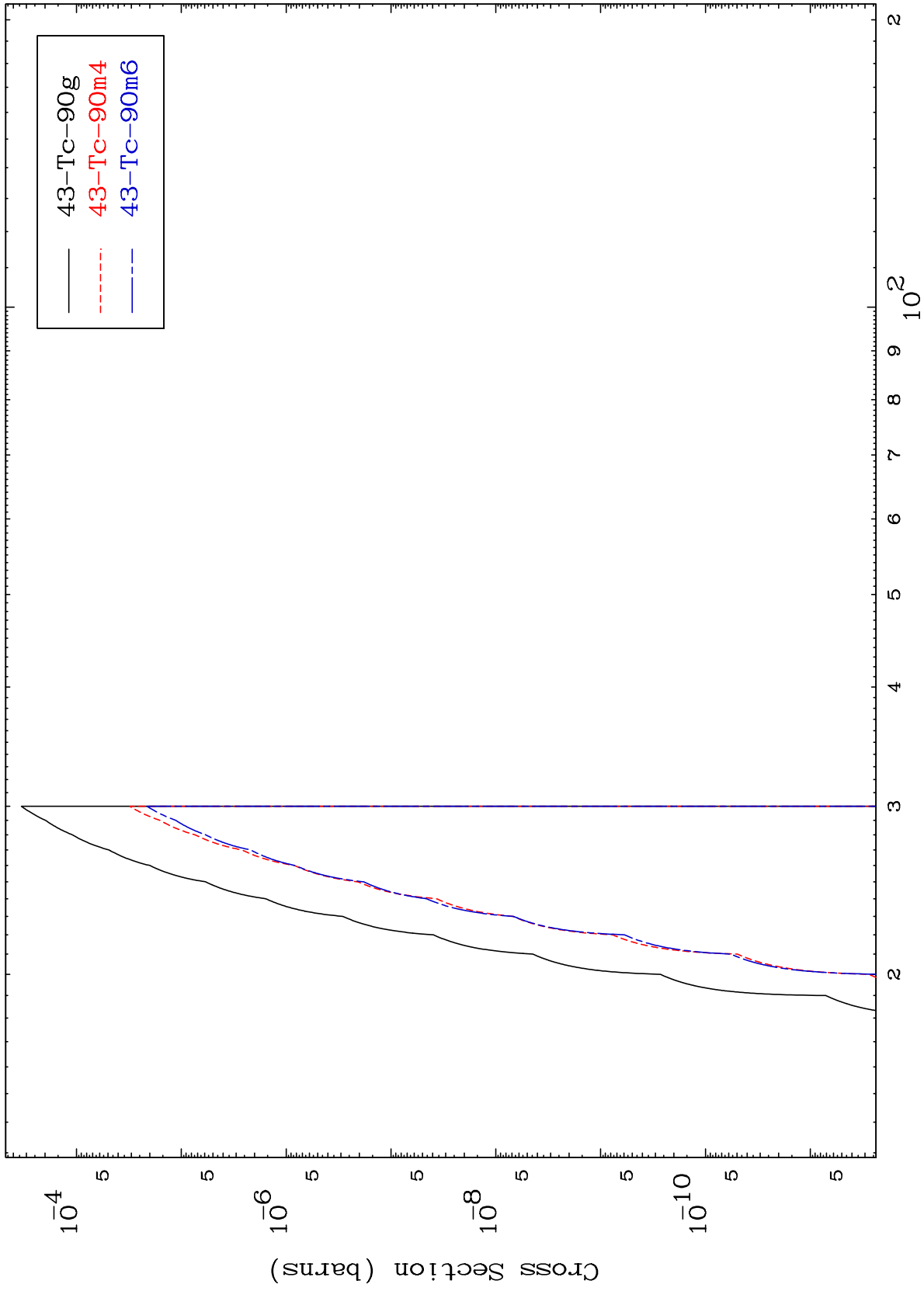
45-Rh-93

MAT 4495

(n, n') He-3

45-Rh-93

Radionuclide Production Cross Section



52

Incident Energy (MeV)

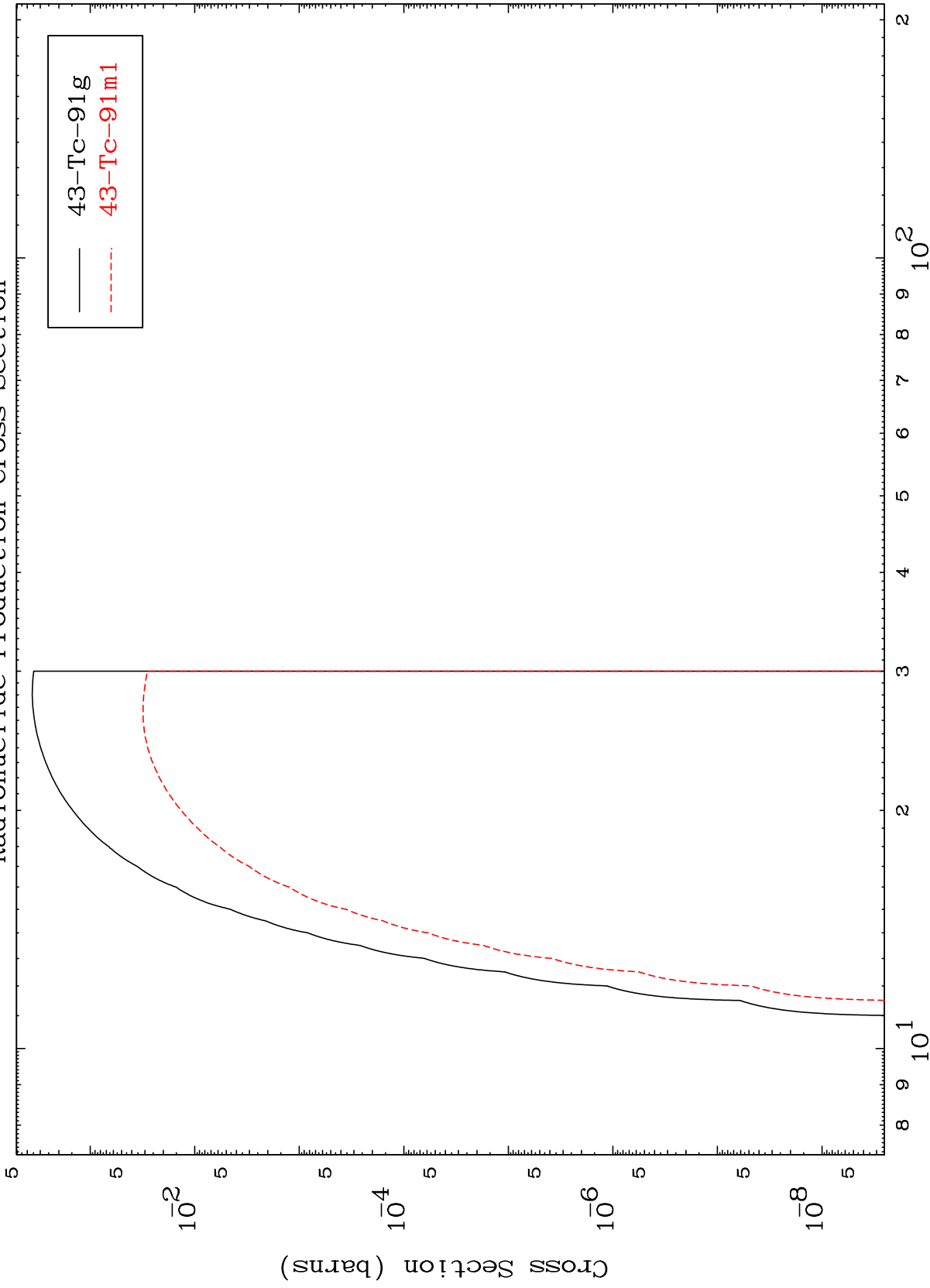
45-Rh-93

MAT 4495

(n,2n) p

45-Rh-93

Radionuclide Production Cross Section



53

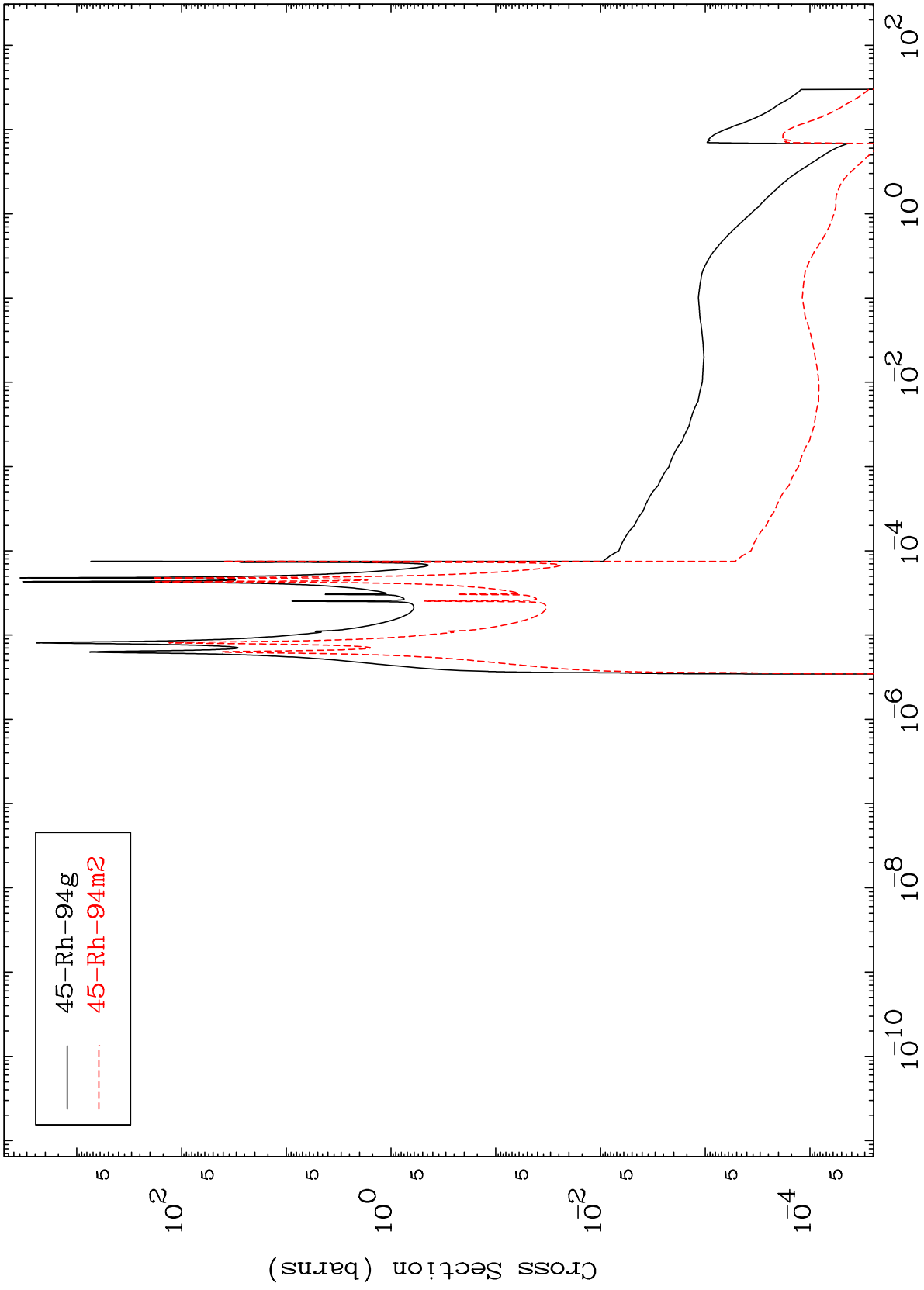
Incident Energy (MeV)

45-Rh-93

MAT 4495

45-Rh-93

(n,γ)
Radionuclide Production Cross Section



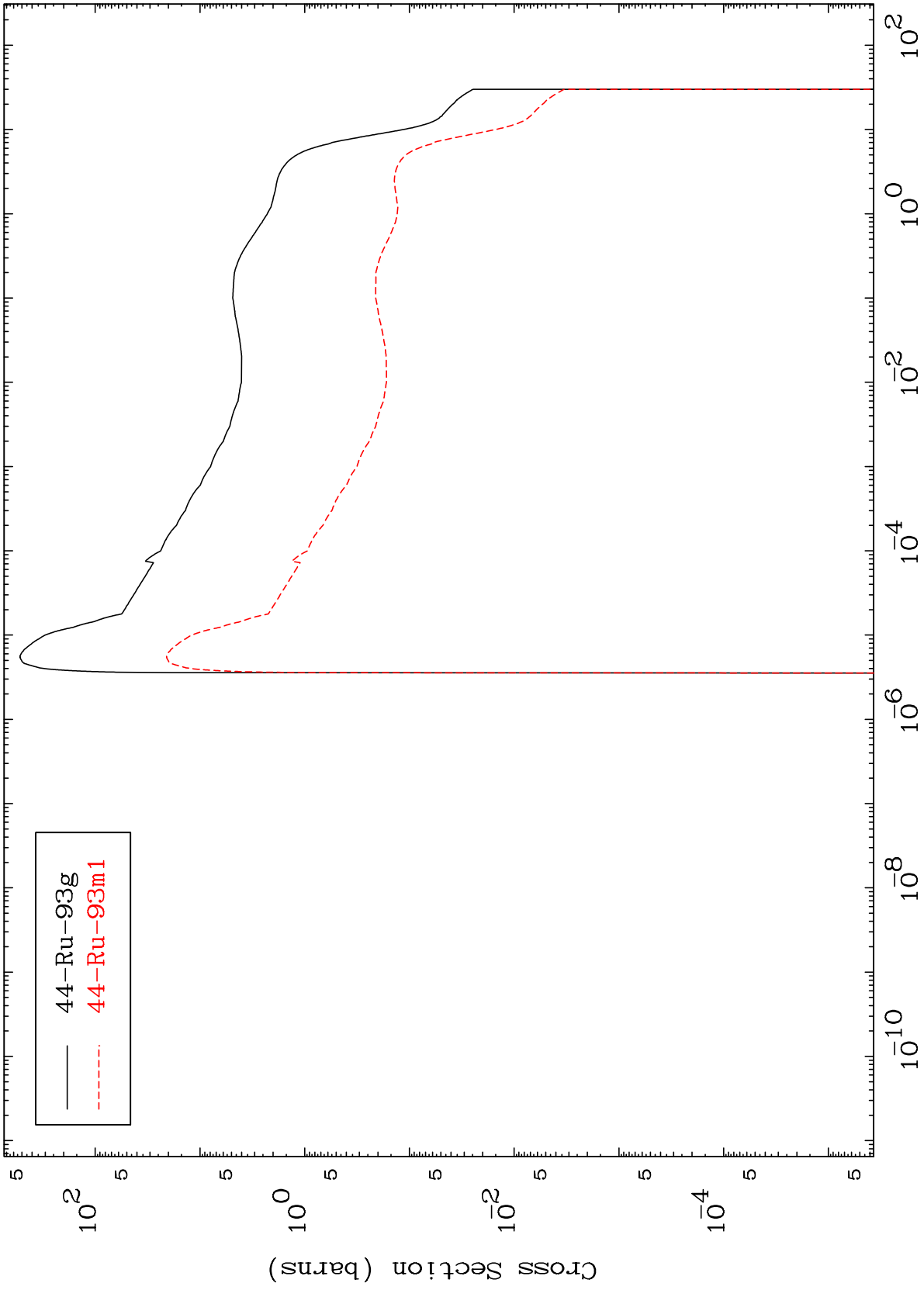
54

45-Rh-93

MAT 4495

45-Rh-93

(n,p)
Radionuclide Production Cross Section



— 44-Ru-93g
- - - 44-Ru-93m1

55

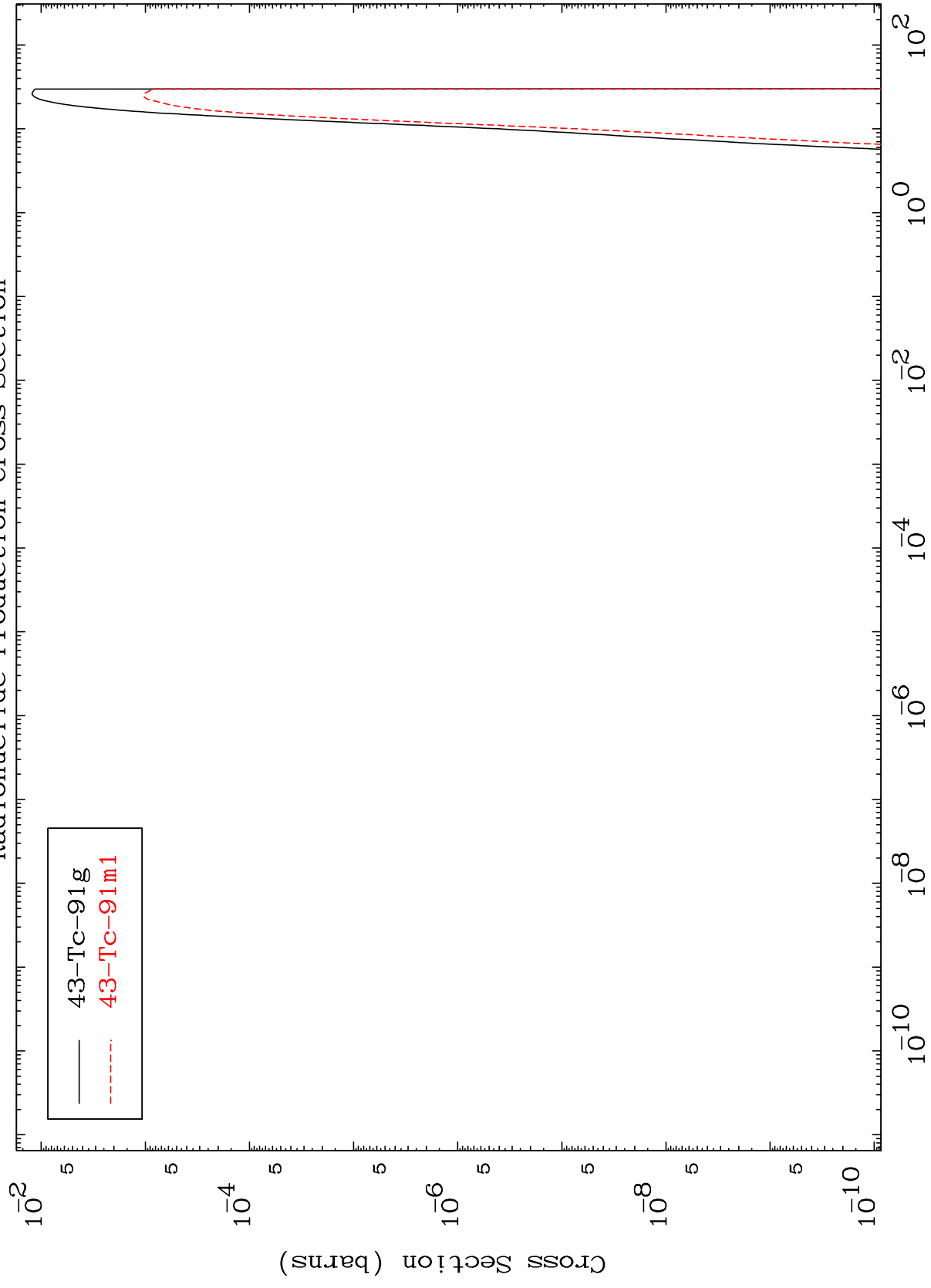
45-Rh-93

MAT 4495

(n, He-3)

45-Rh-93

Radionuclide Production Cross Section



56

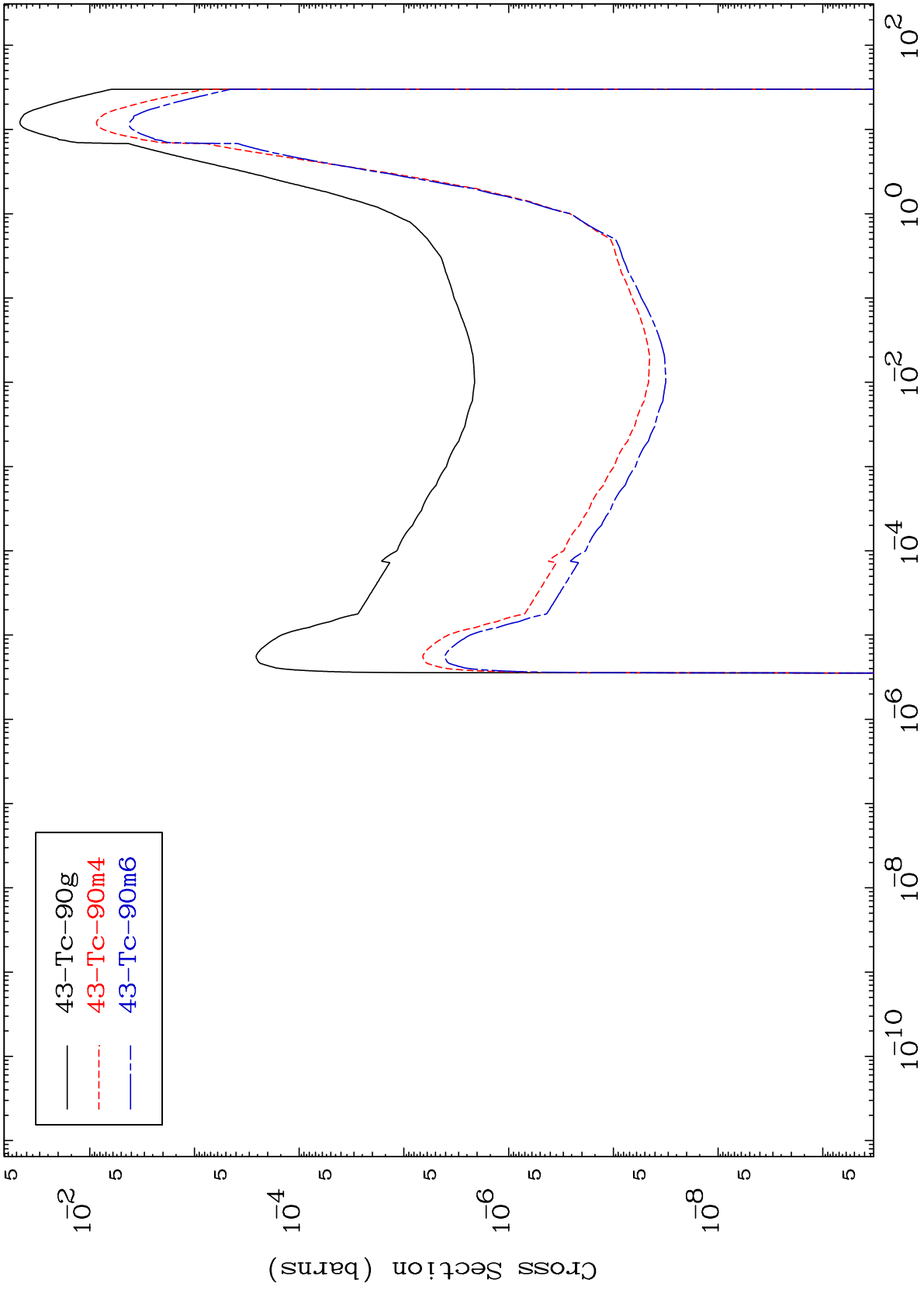
Incident Energy (MeV)

45-Rh-93

MAT 4495

(n, α)
Radionuclide Production Cross Section

45-Rh-93



57

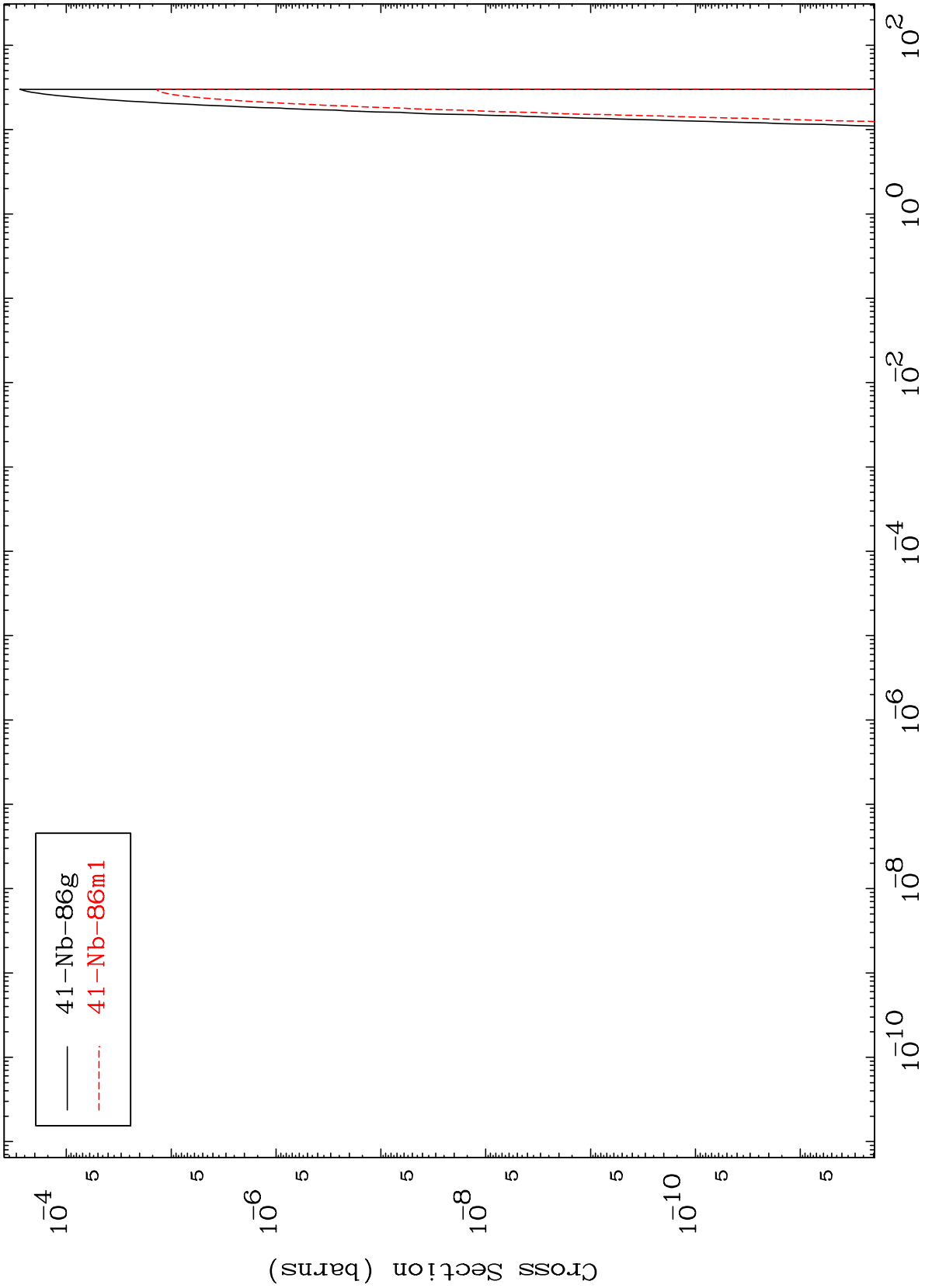
45-Rh-93

MAT 4495

(n,2α)

45-Rh-93

Radionuclide Production Cross Section



58

Incident Energy (MeV)

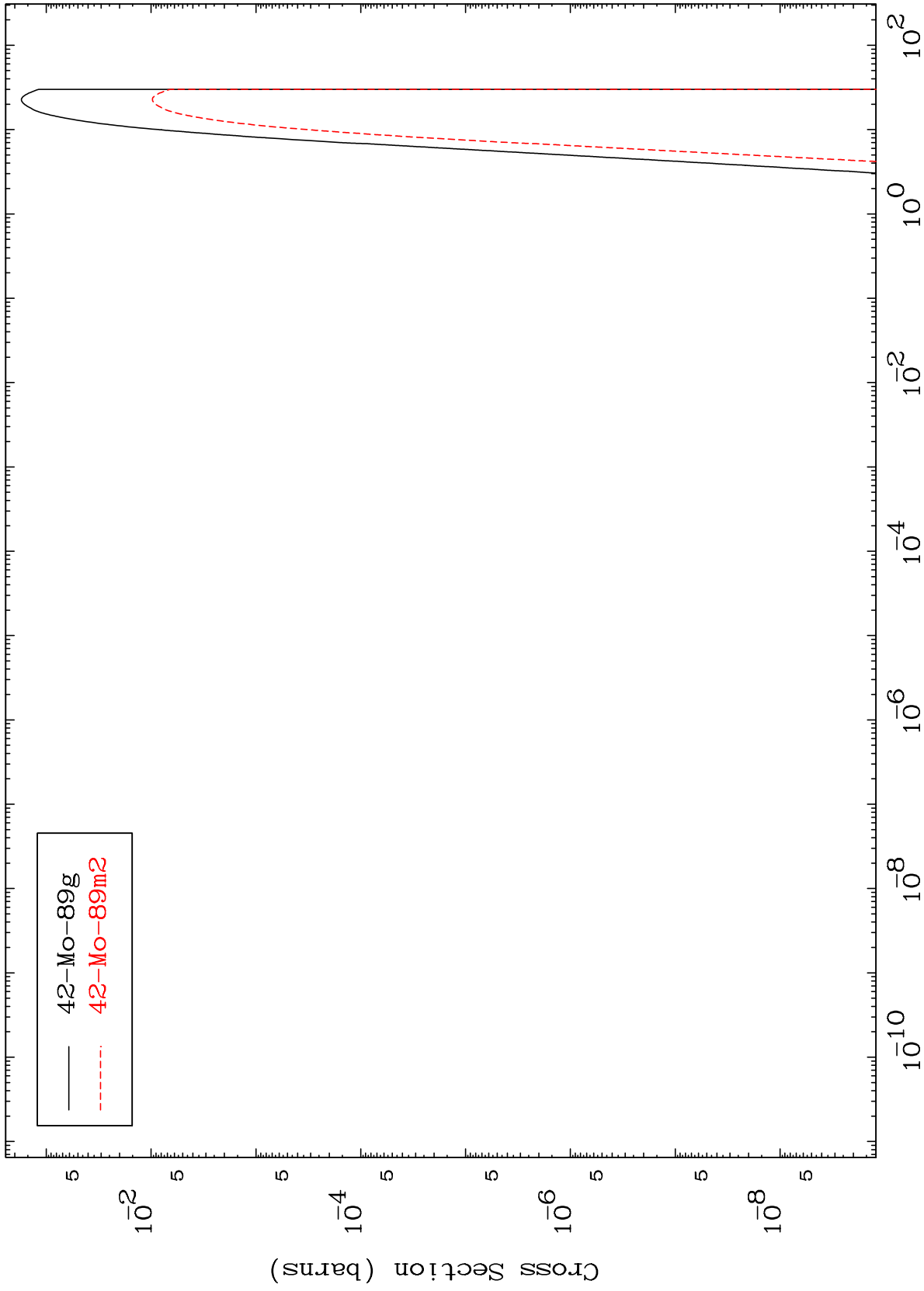
45-Rh-93

MAT 4495

(n,p) α

45-Rh-93

Radionuclide Production Cross Section



59

Incident Energy (MeV)

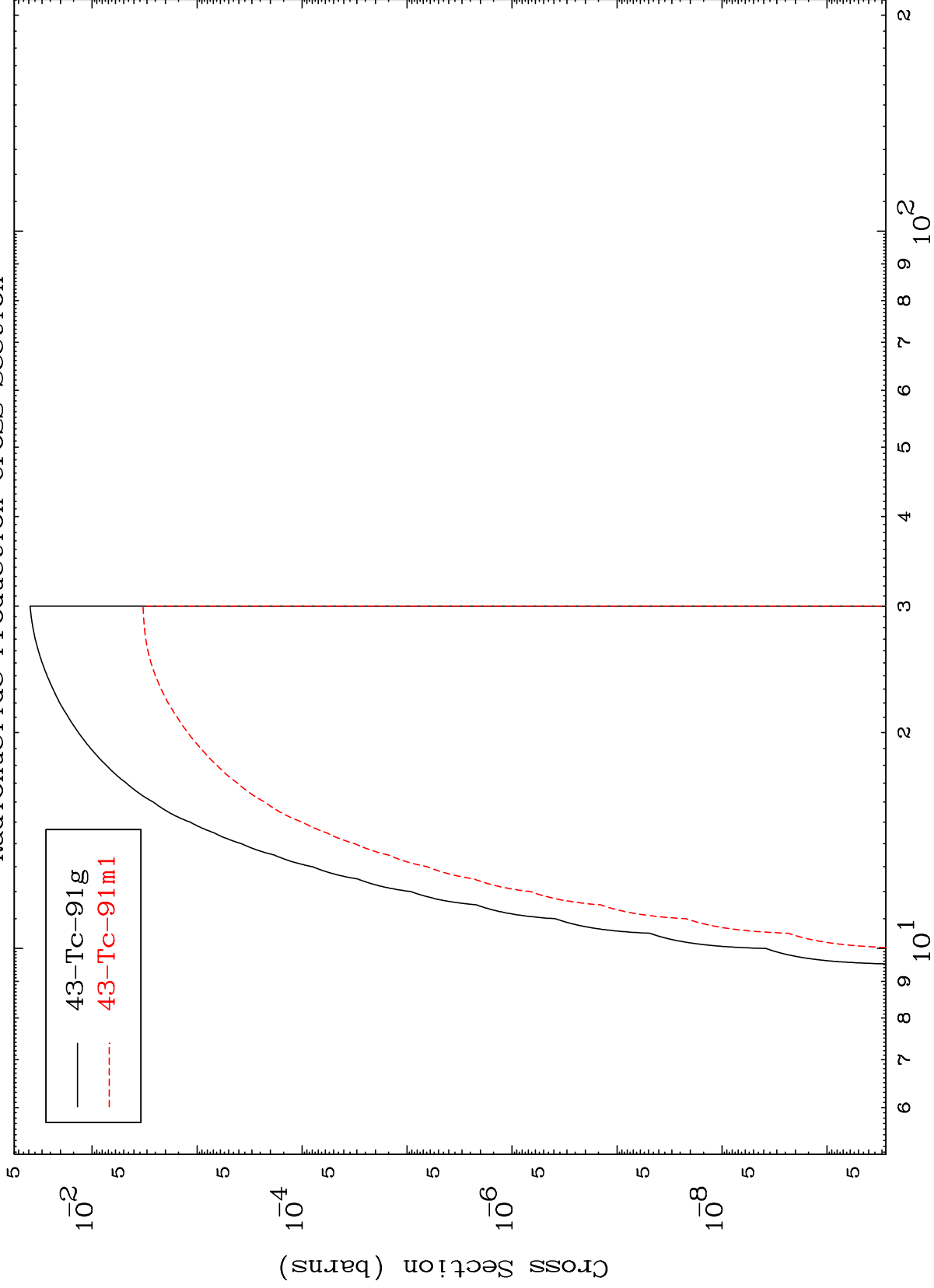
45-Rh-93

MAT 4495

(n,p) d

45-Rh-93

Radionuclide Production Cross Section



60

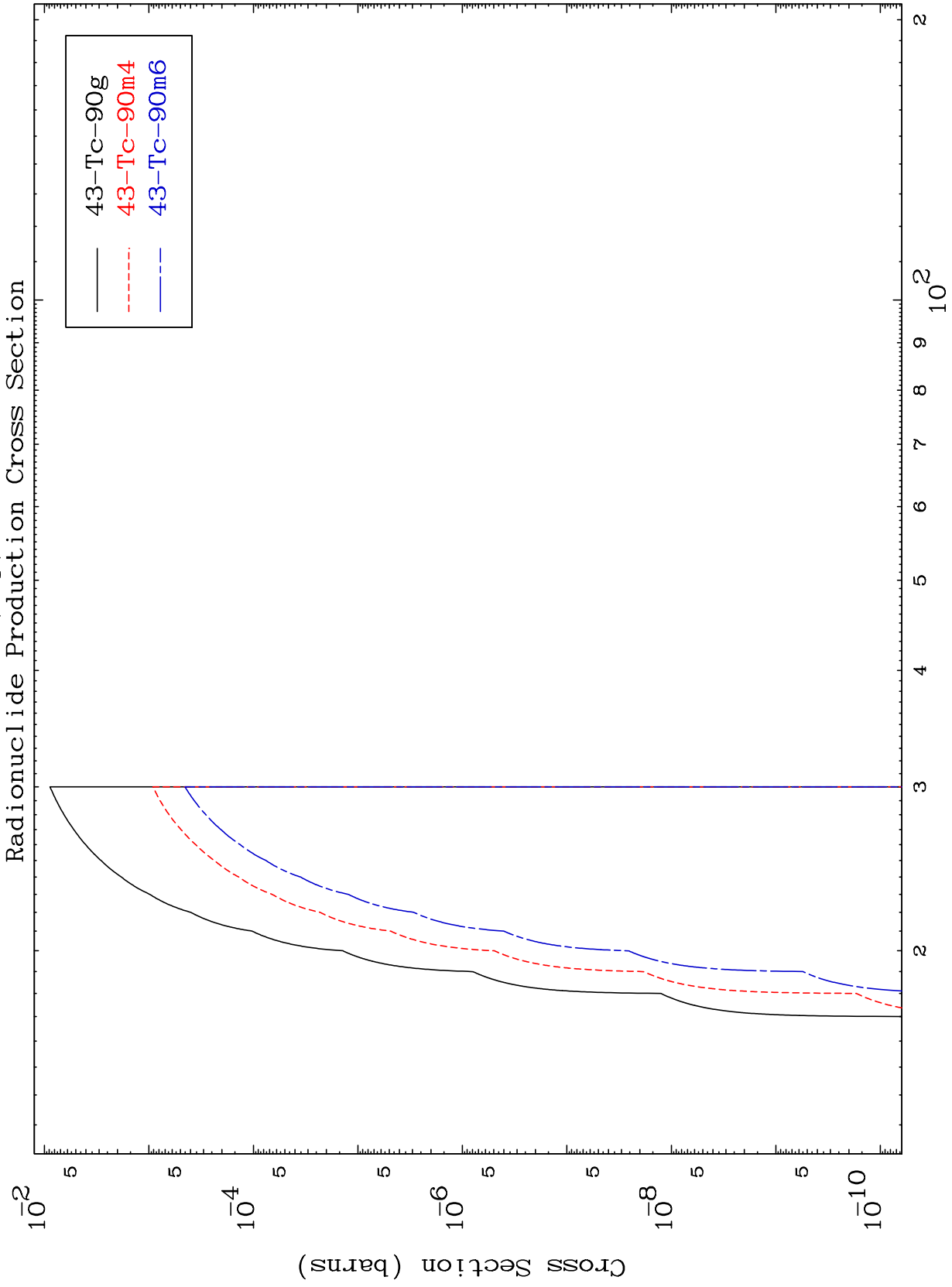
Incident Energy (MeV)

45-Rh-93

MAT 4495

(n,p) t

45-Rh-93



61

Incident Energy (MeV)

45-Rh-93