

Program EVALPLOT
(Version 2018-1)

by

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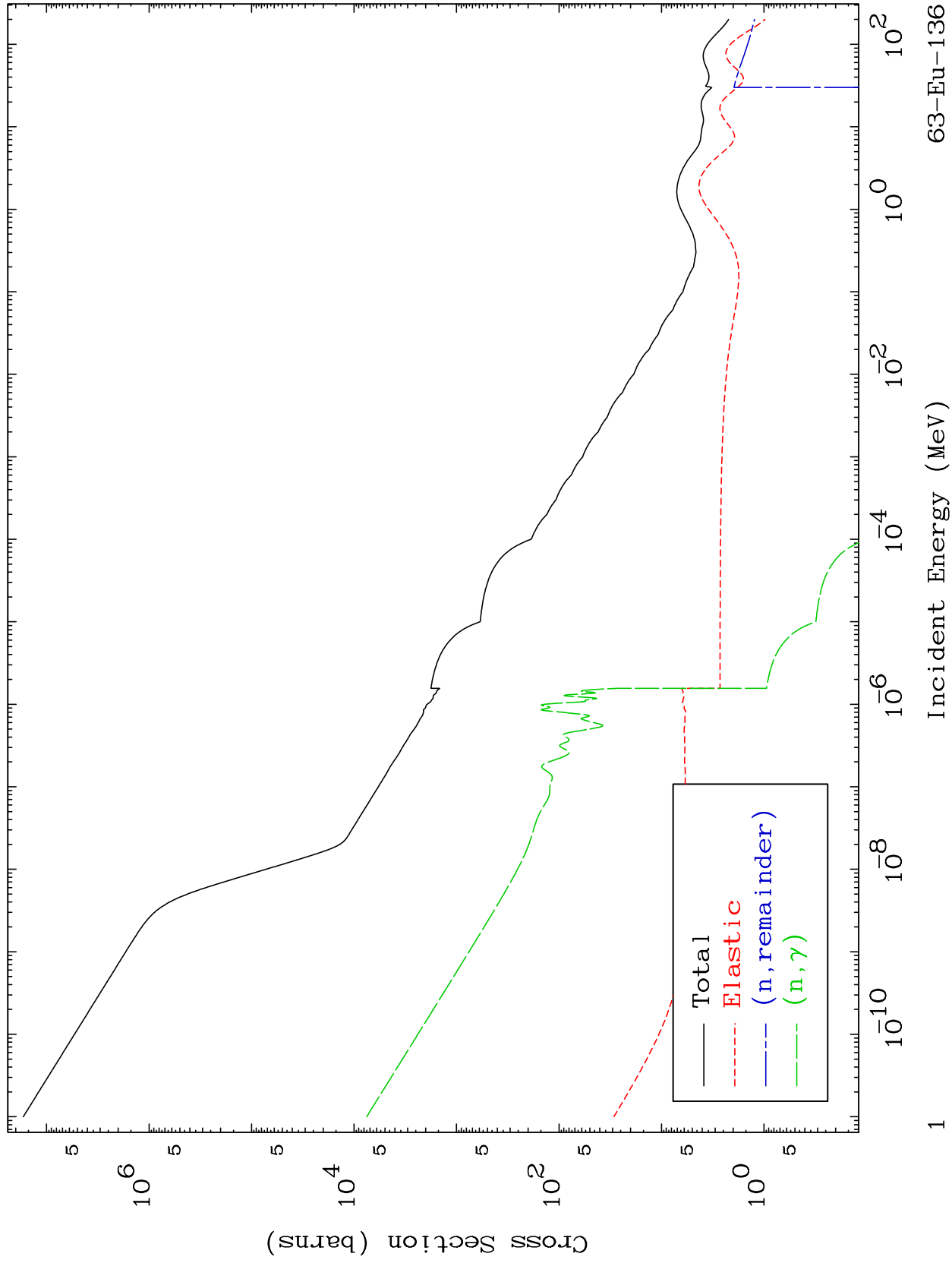
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6280

Major
293 Kelvin Cross Sections

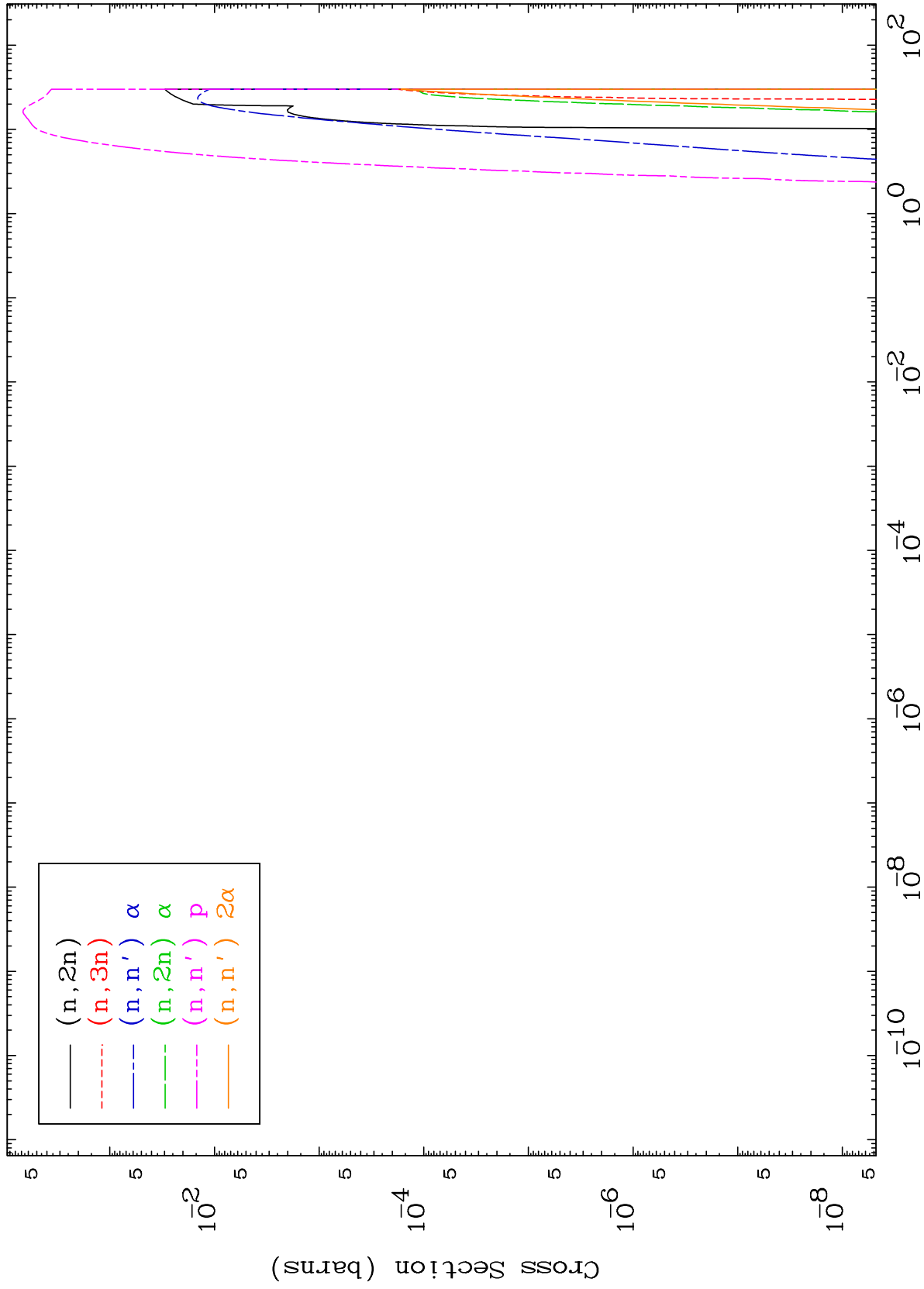
63-Eu-136

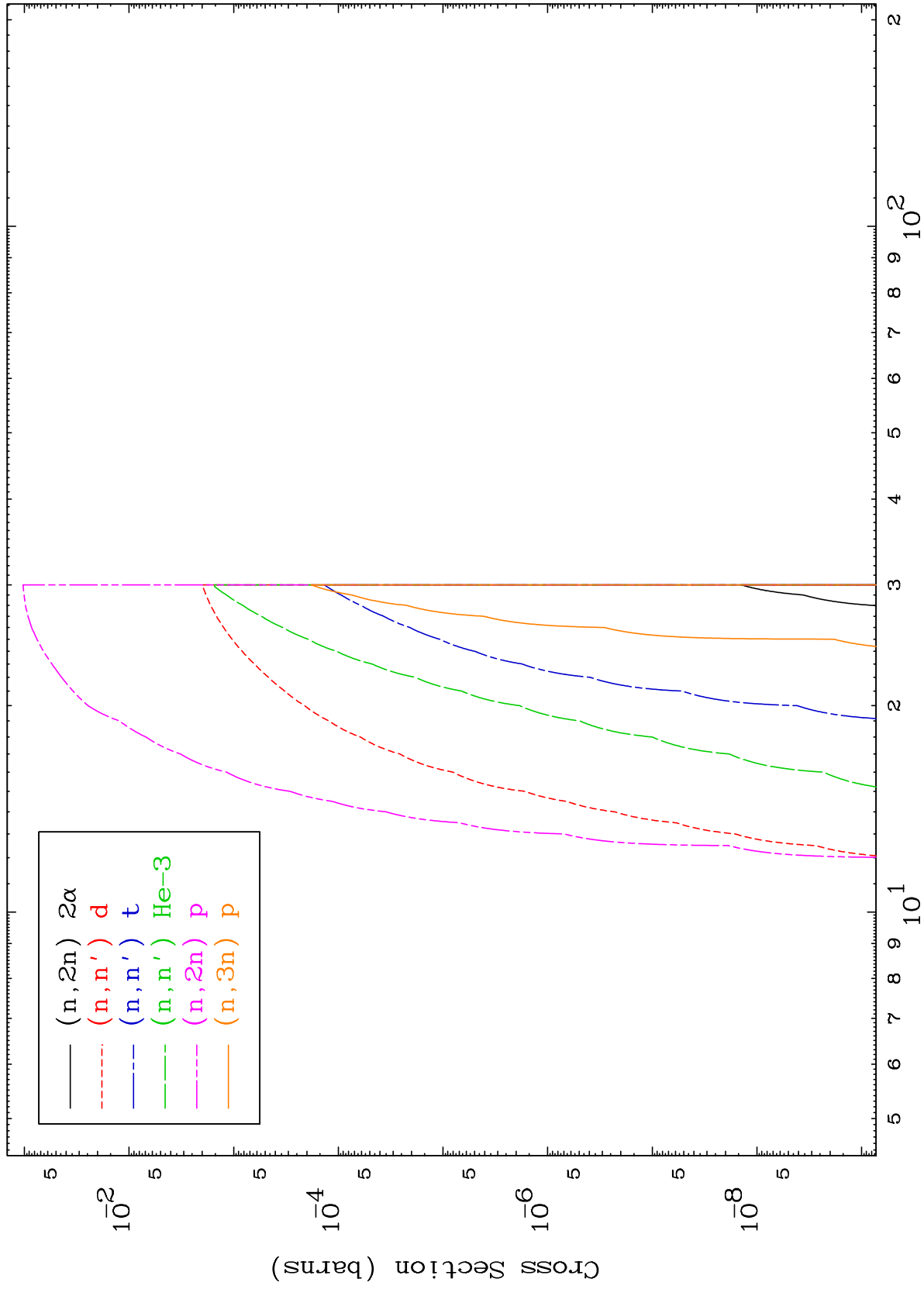


MAT 6280

Neutron Production
293 Kelvin Cross Sections

63-Eu-136

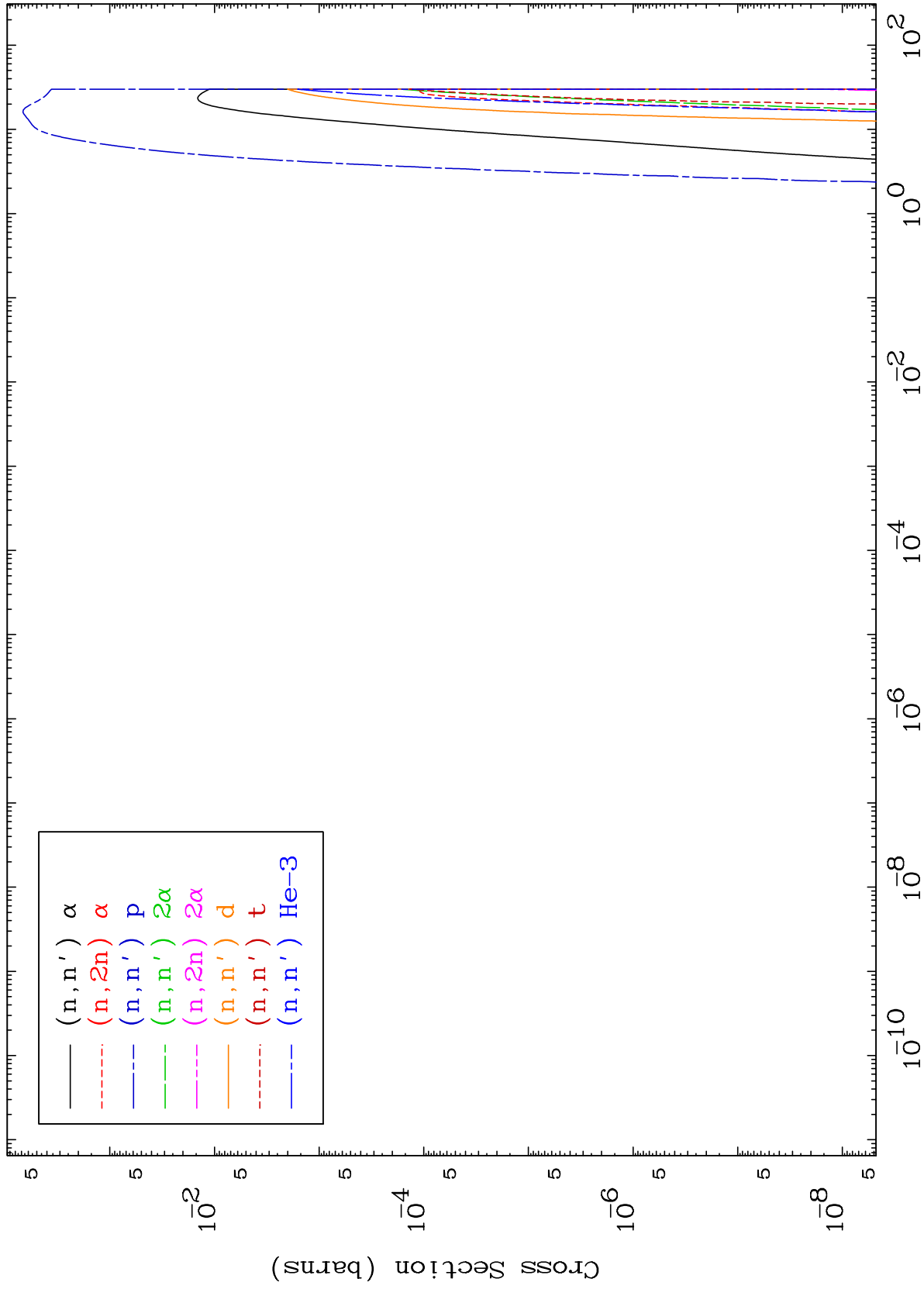




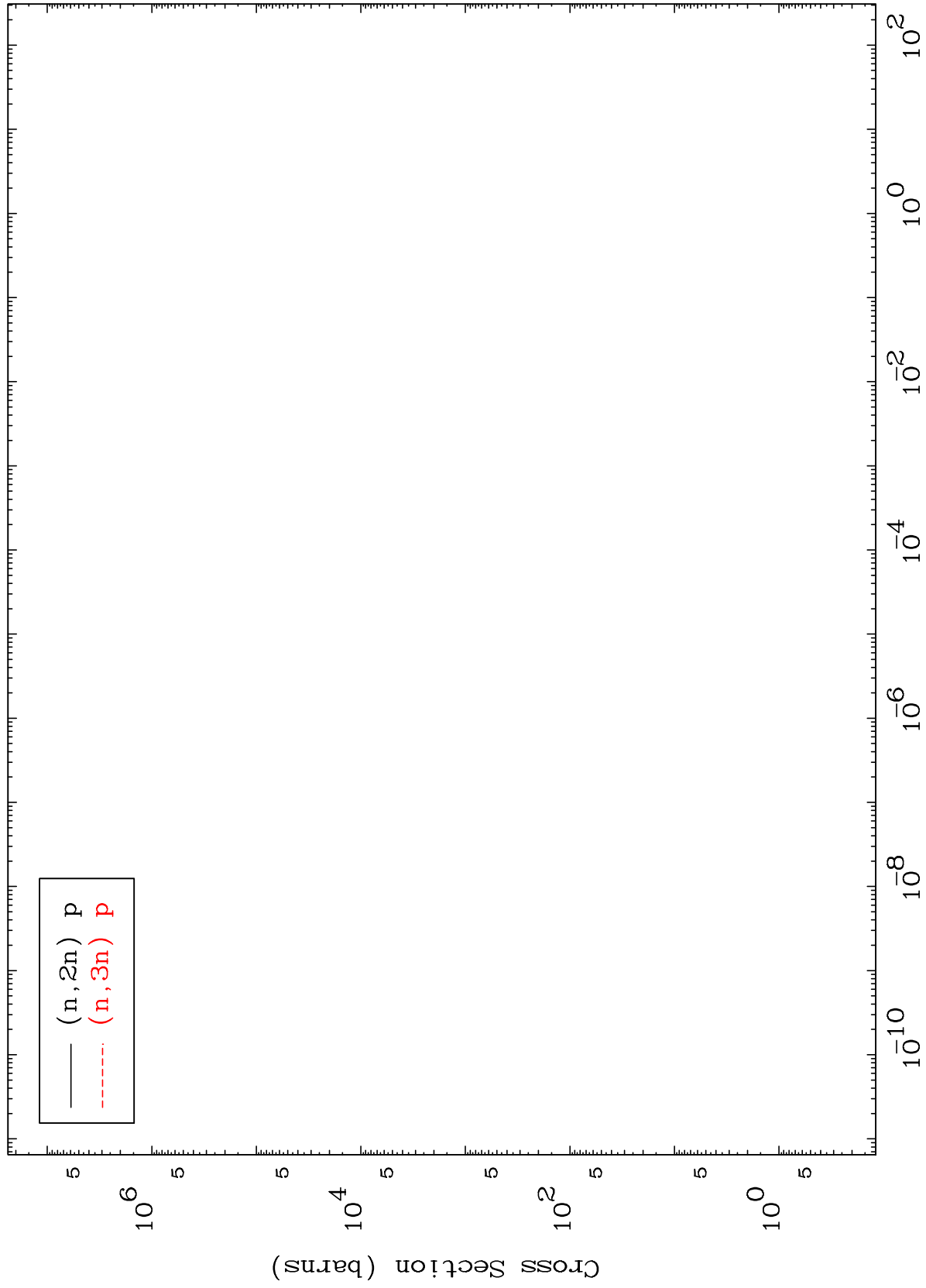
MAT 6280

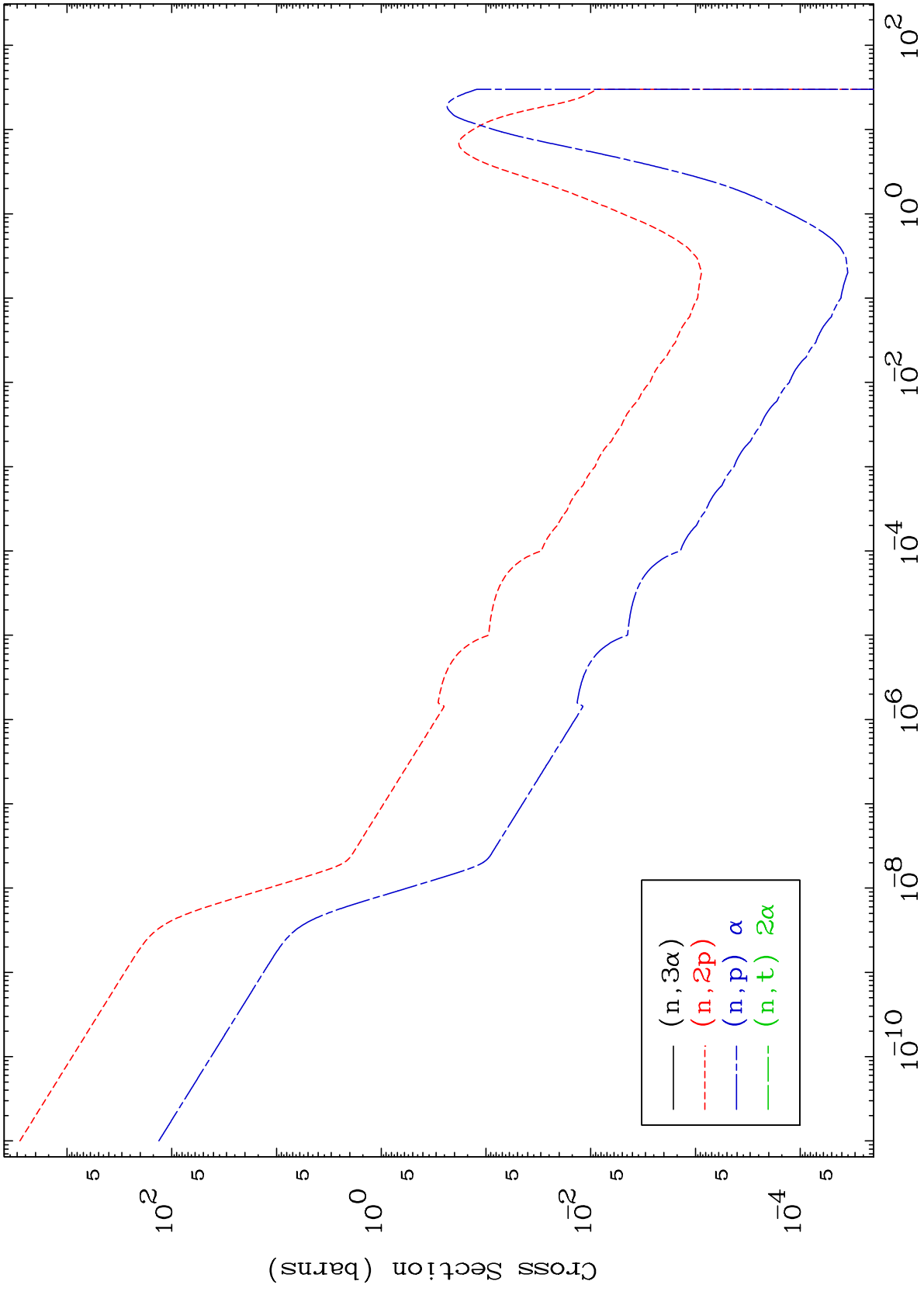
Charged Particle
293 Kelvin Cross Sections

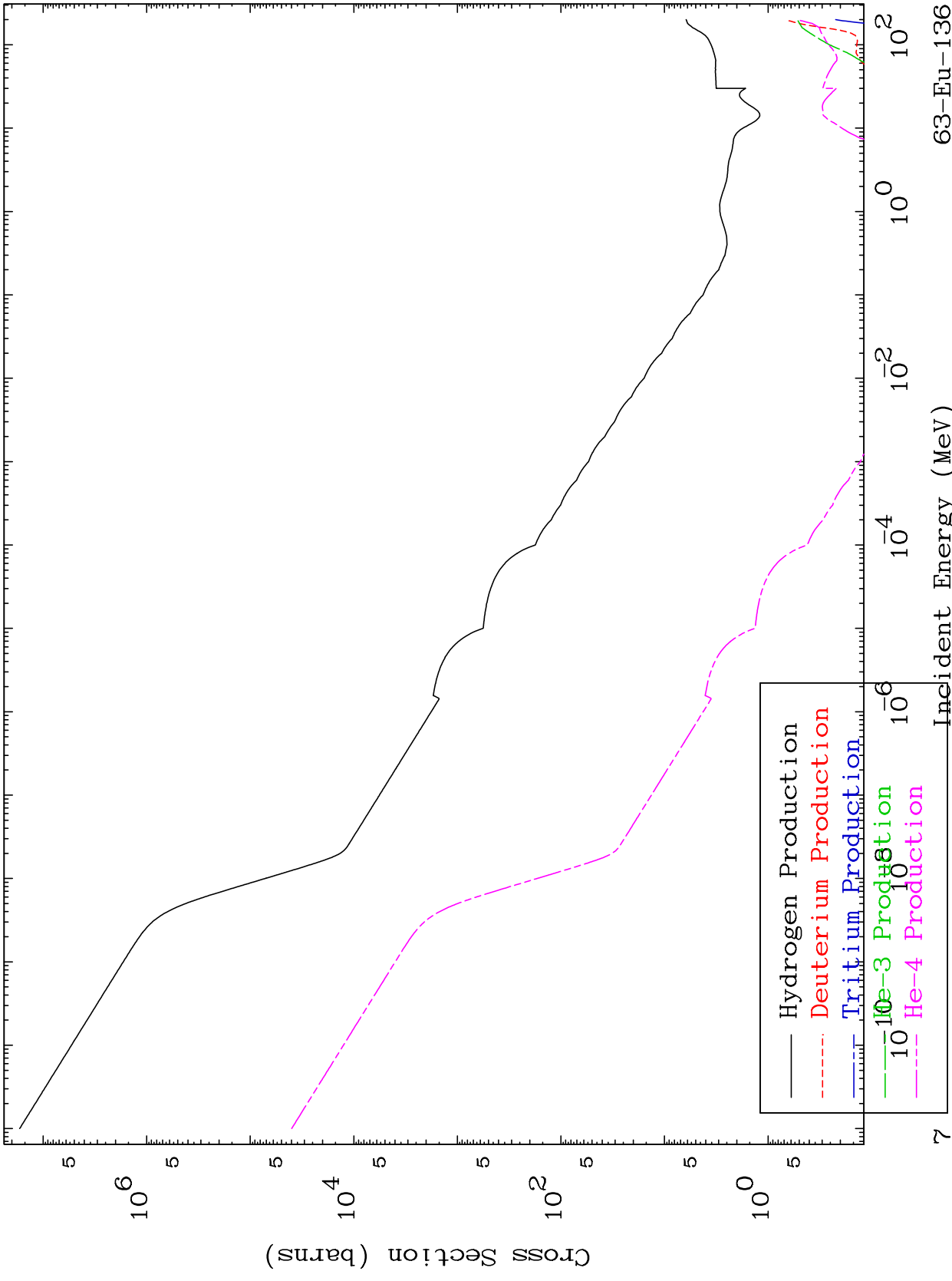
63-Eu-136



63-Eu-136



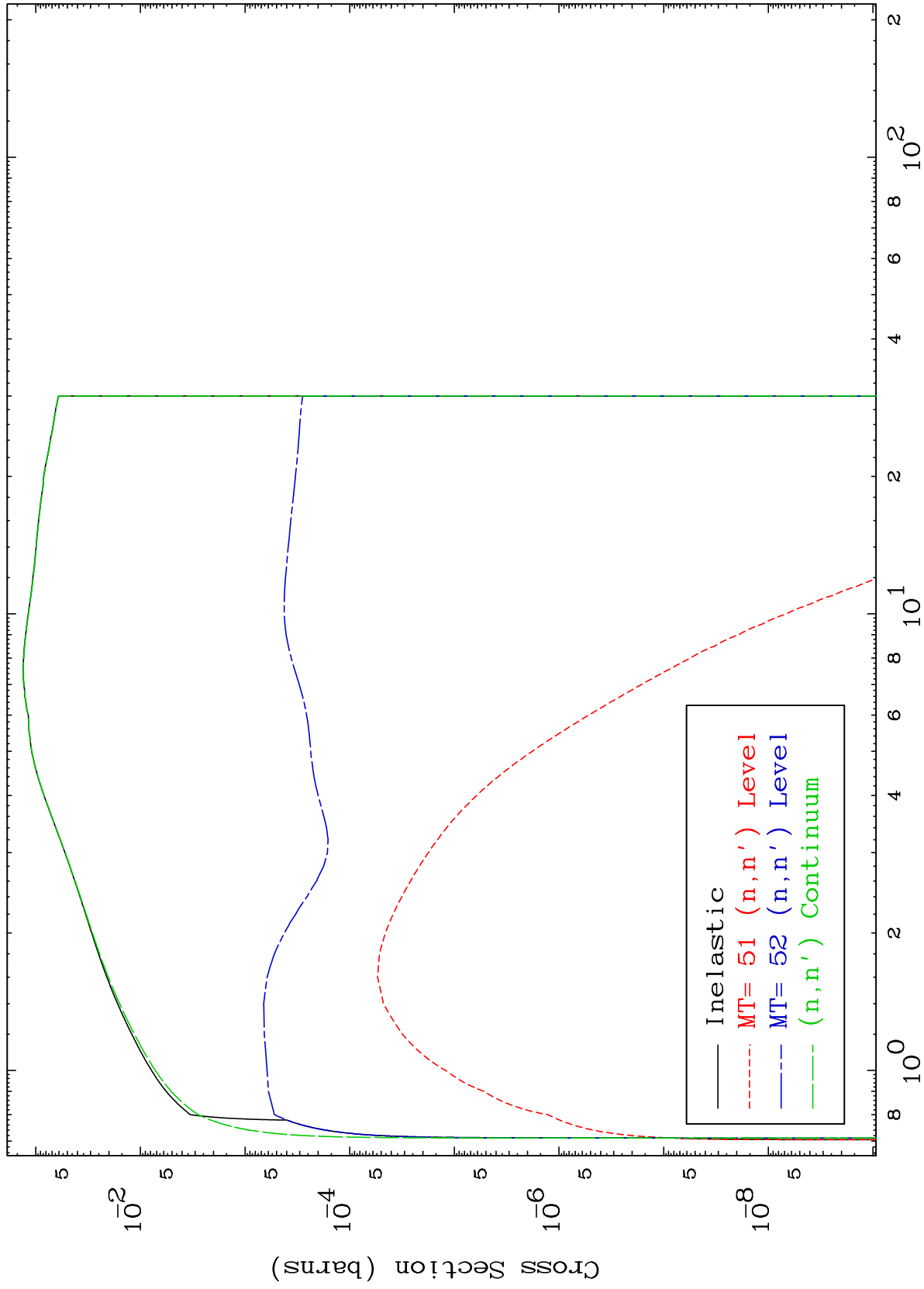




MAT 6280

(n,n') Level
293 Kelvin Cross Sections

63-Eu-136



8

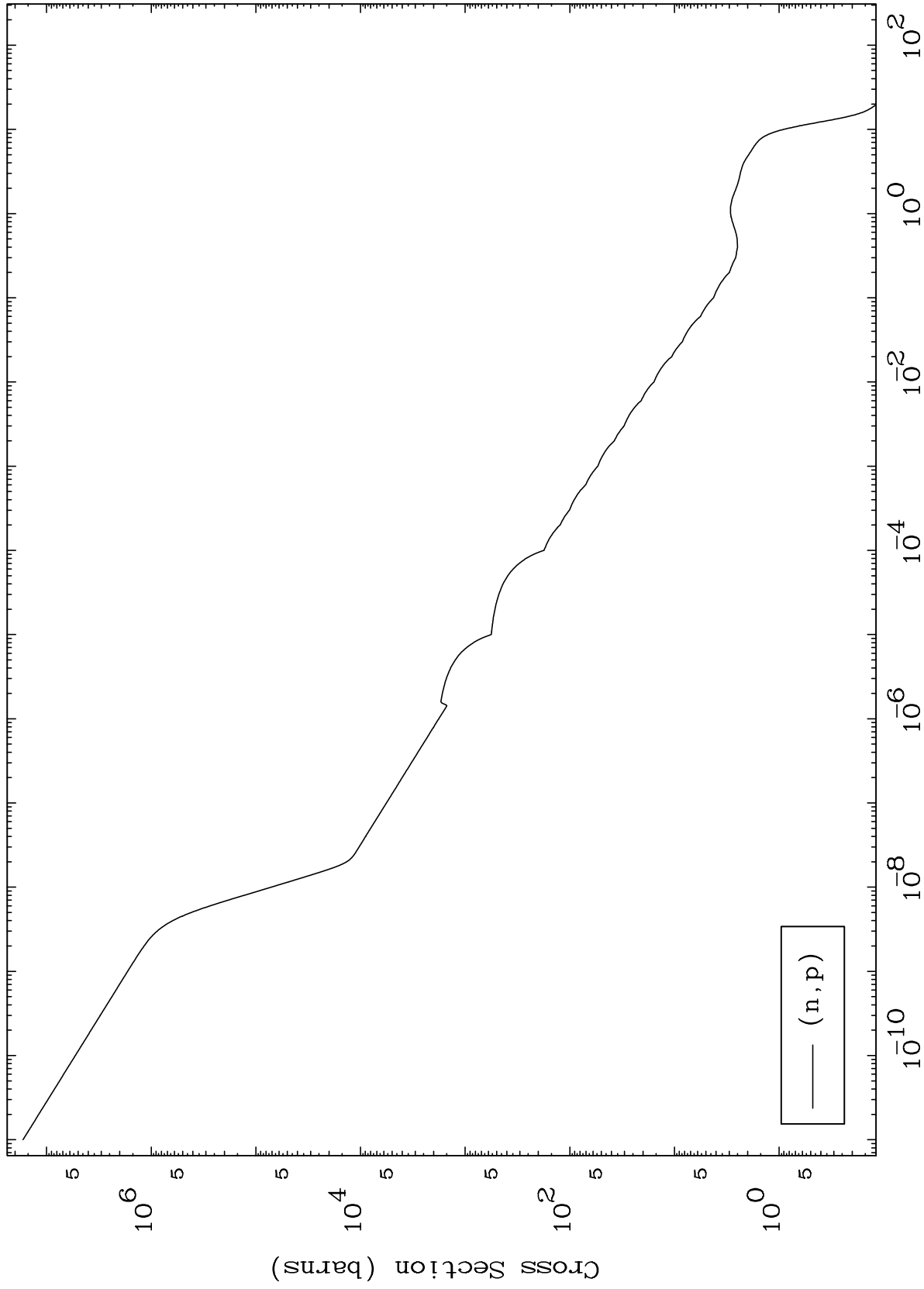
Incident Energy (MeV)

63-Eu-136

MAT 6280

(n,p) Levels
293 Kelvin Cross Sections

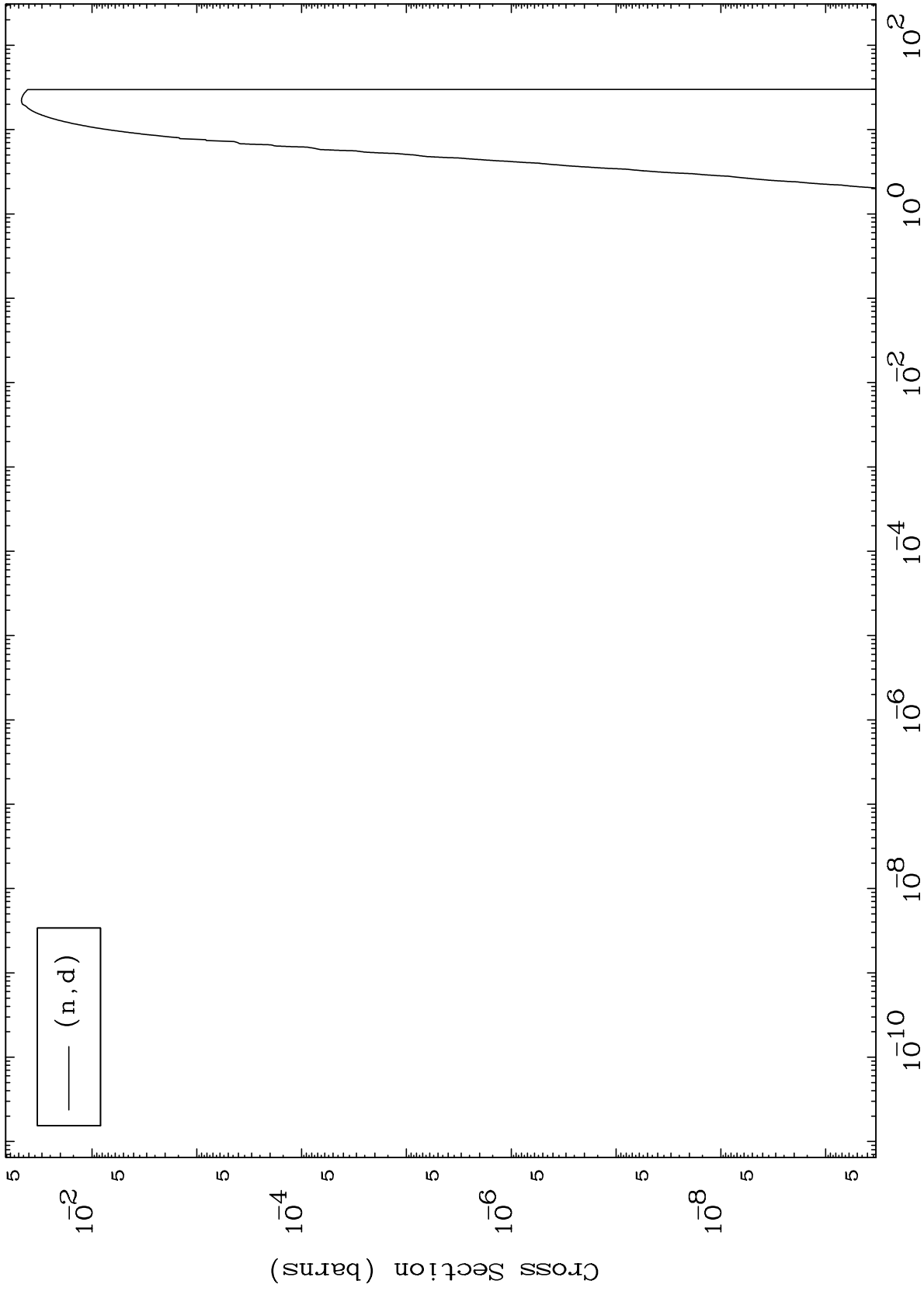
63-Eu-136



MAT 6280

(n,d) Levels
293 Kelvin Cross Sections

63-Eu-136



10

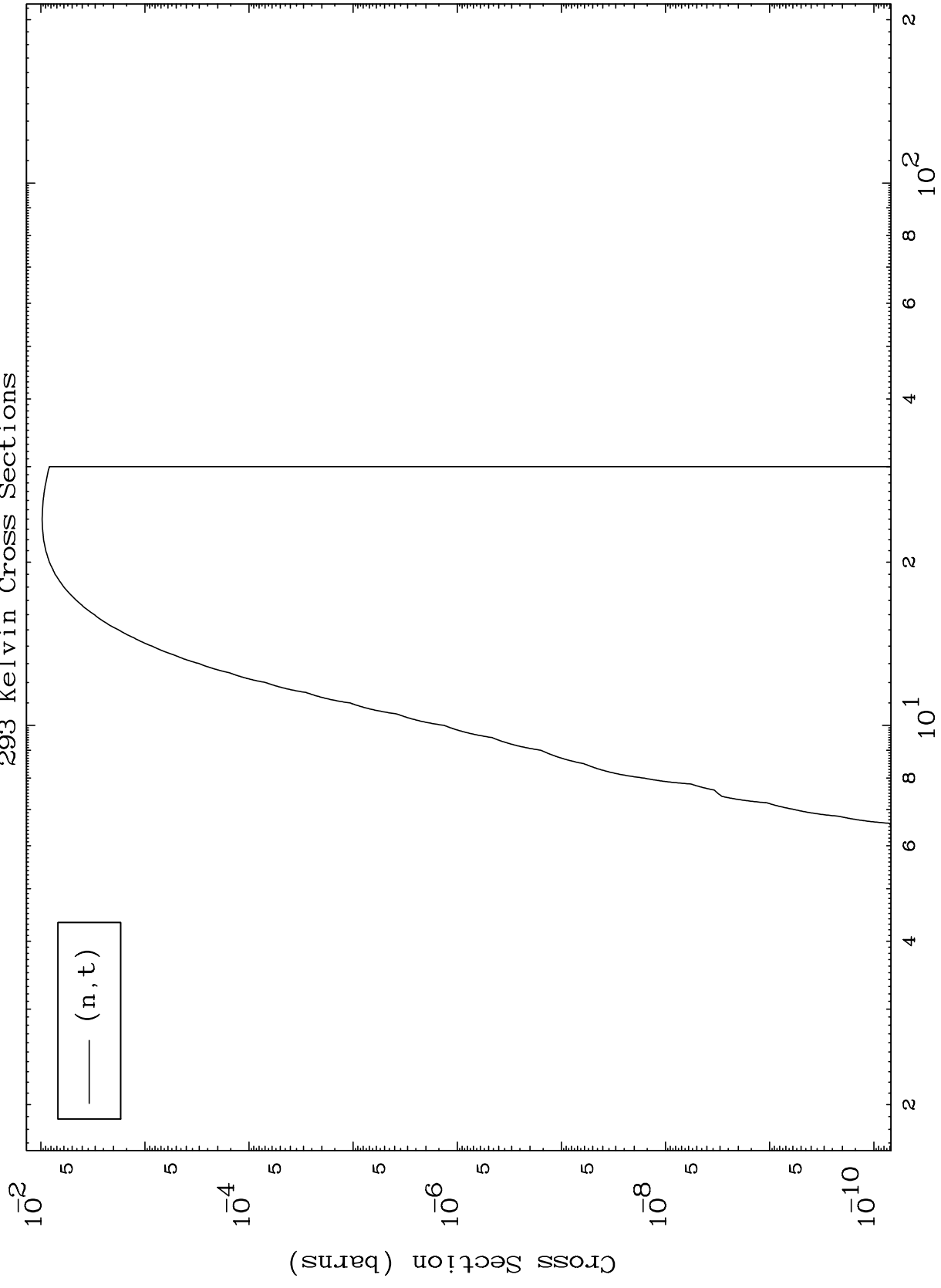
Incident Energy (MeV)

63-Eu-136

MAT 6280

(n,t) Levels
293 Kelvin Cross Sections

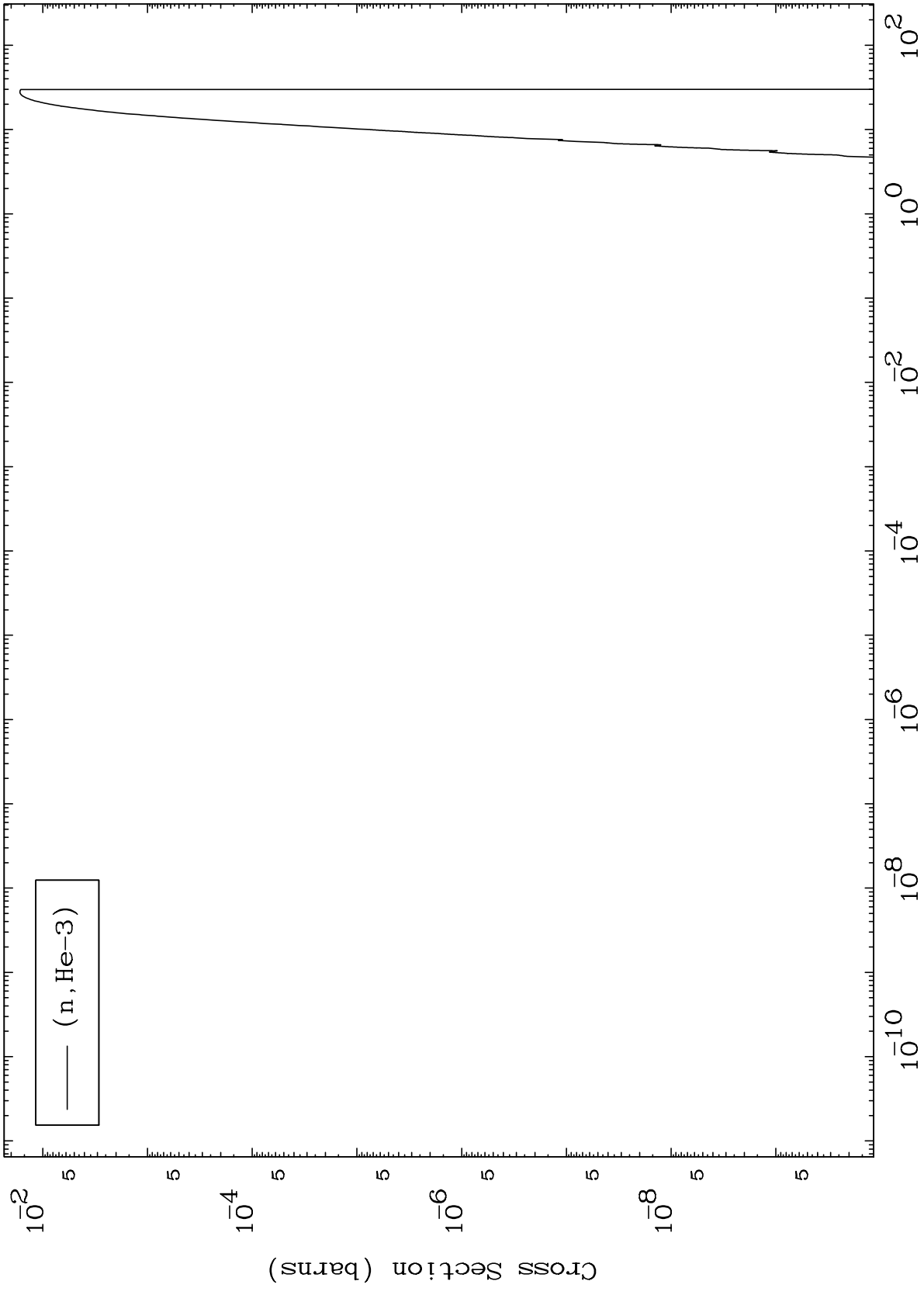
63-Eu-136



MAT 6280

(n,He3) Levels
293 Kelvin Cross Sections

63-Eu-136



12

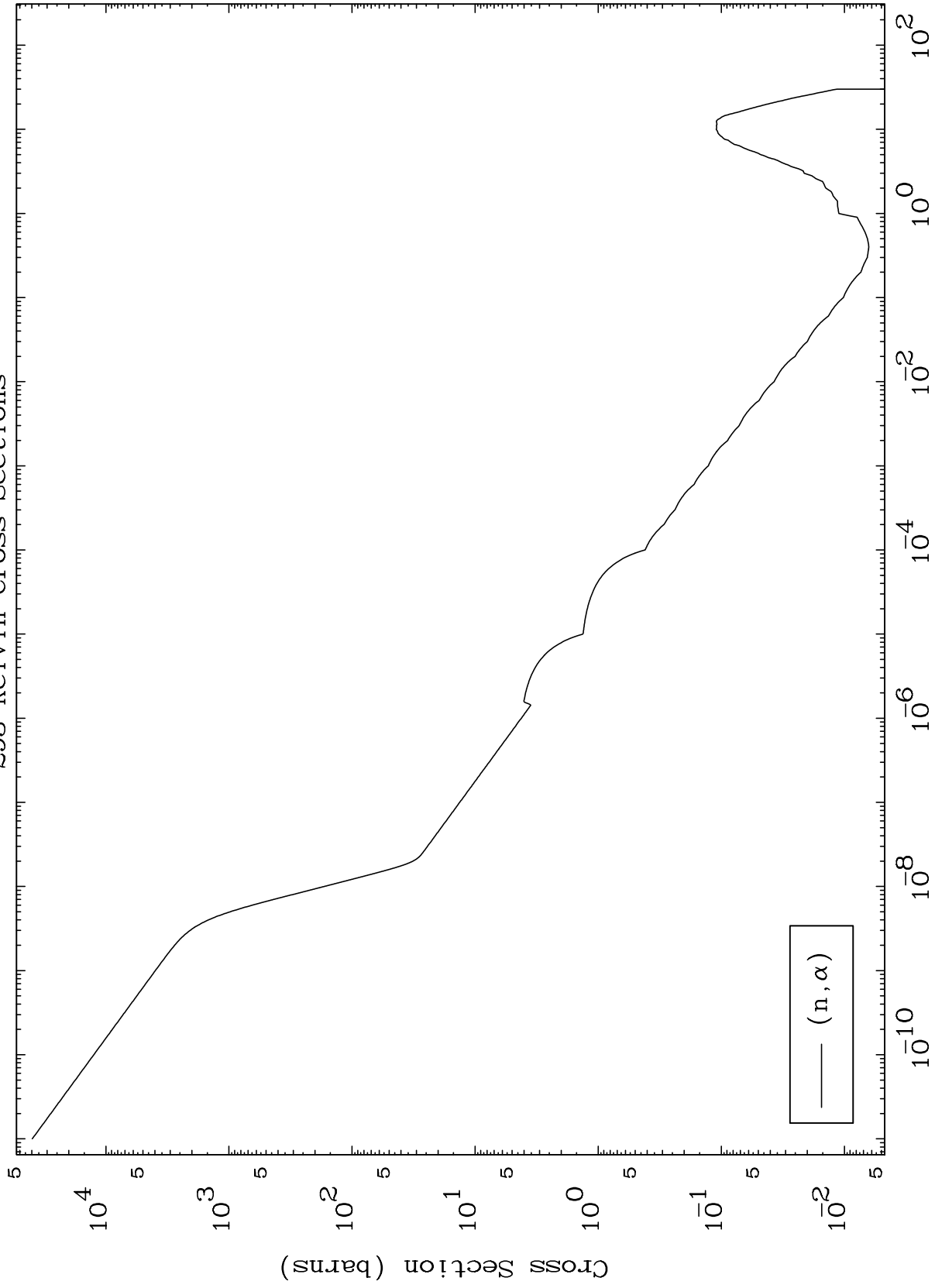
Incident Energy (MeV)

63-Eu-136

MAT 6280

(n,α) Levels
293 Kelvin Cross Sections

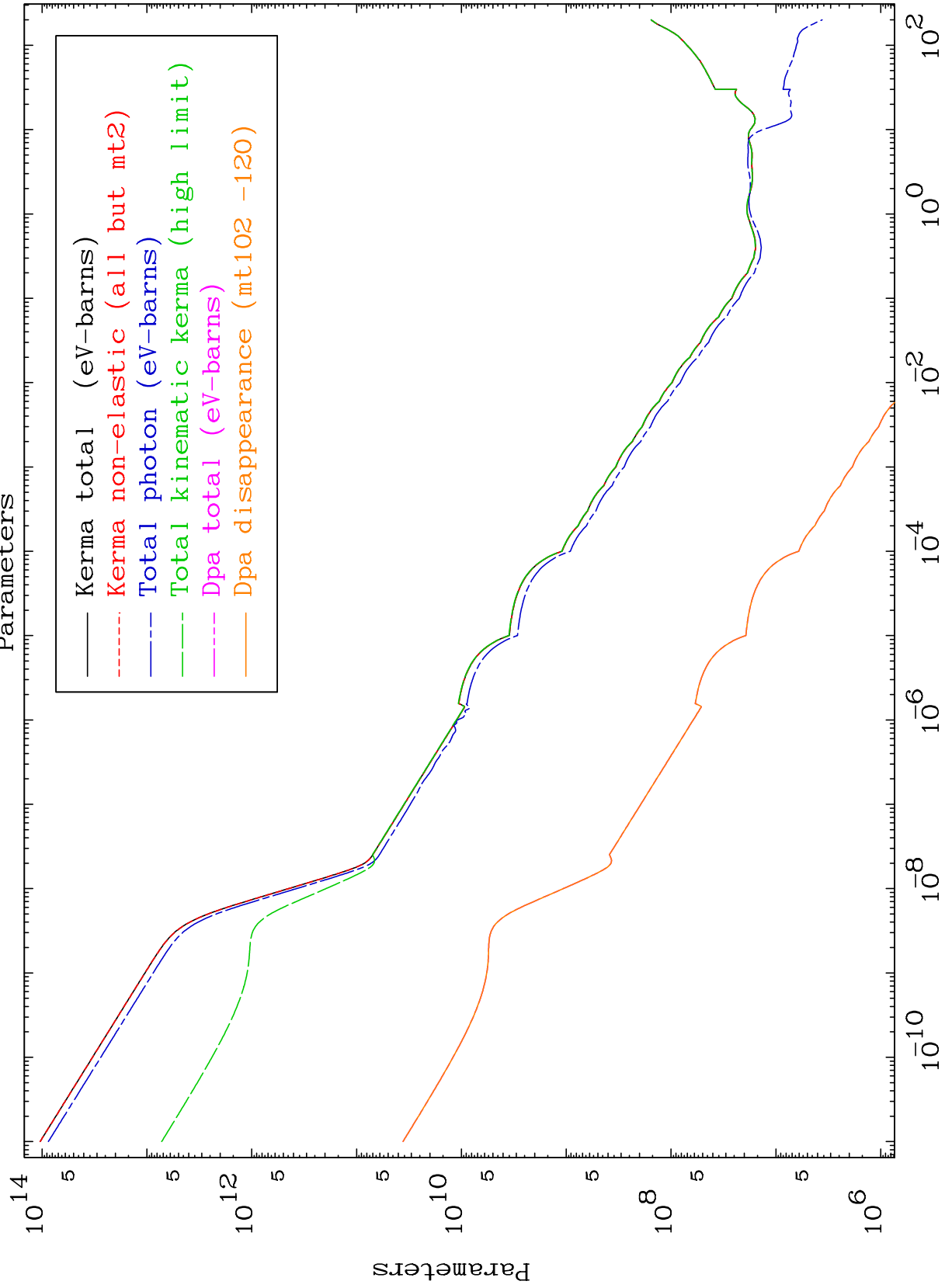
63-Eu-136



13

Incident Energy (MeV)

63-Eu-136



MAT 6280

Elastic Legendre Coefficients

63-Eu-136



63-Eu-136

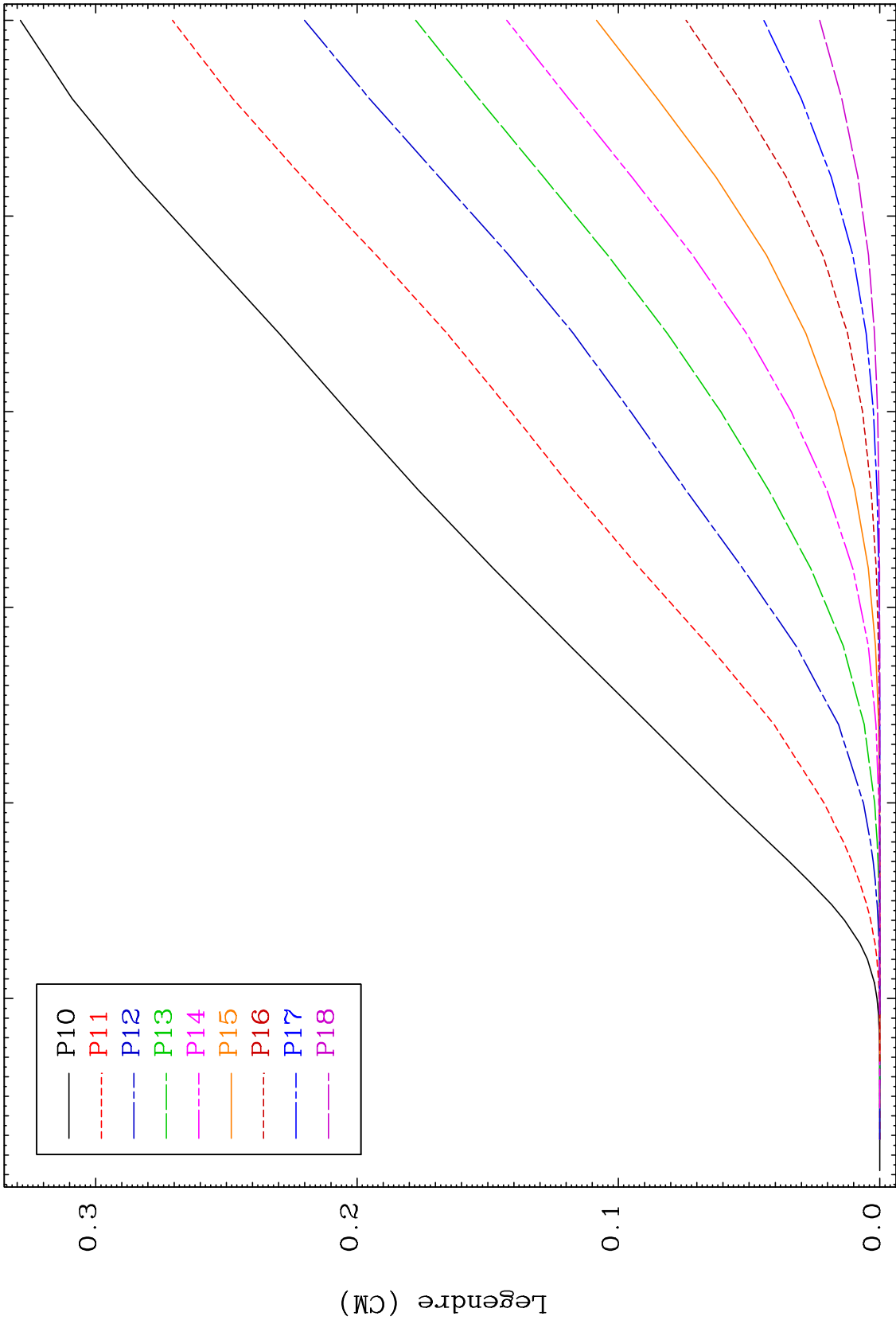
Incident Energy (MeV)

15

MAT 6280

Elastic Legendre Coefficients

63-Eu-136



16

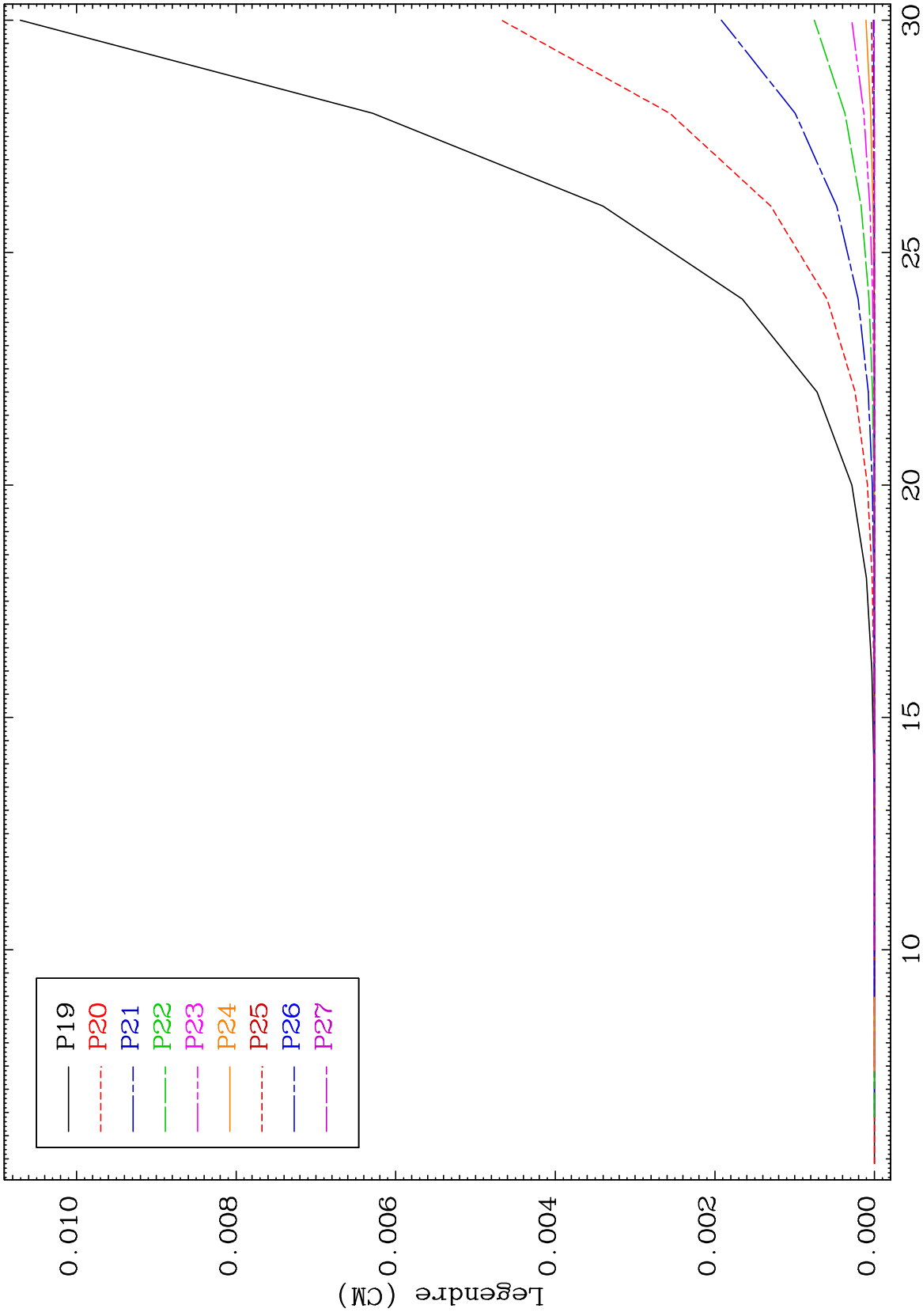
Incident Energy (MeV)

63-Eu-136

MAT 6280

Elastic Legendre Coefficients

63-Eu-136



17

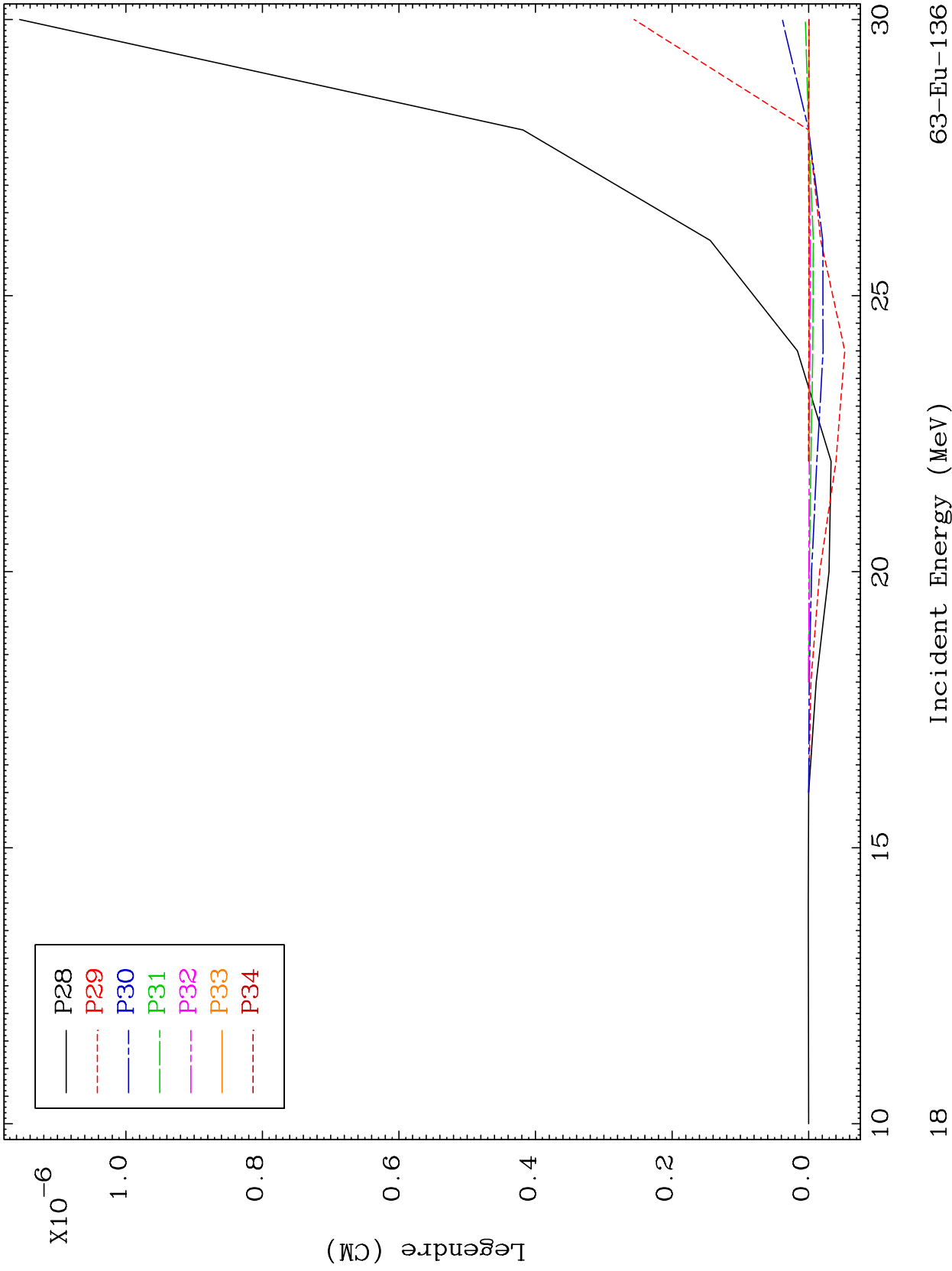
Incident Energy (MeV)

63-Eu-136

MAT 6280

Elastic Legendre Coefficients

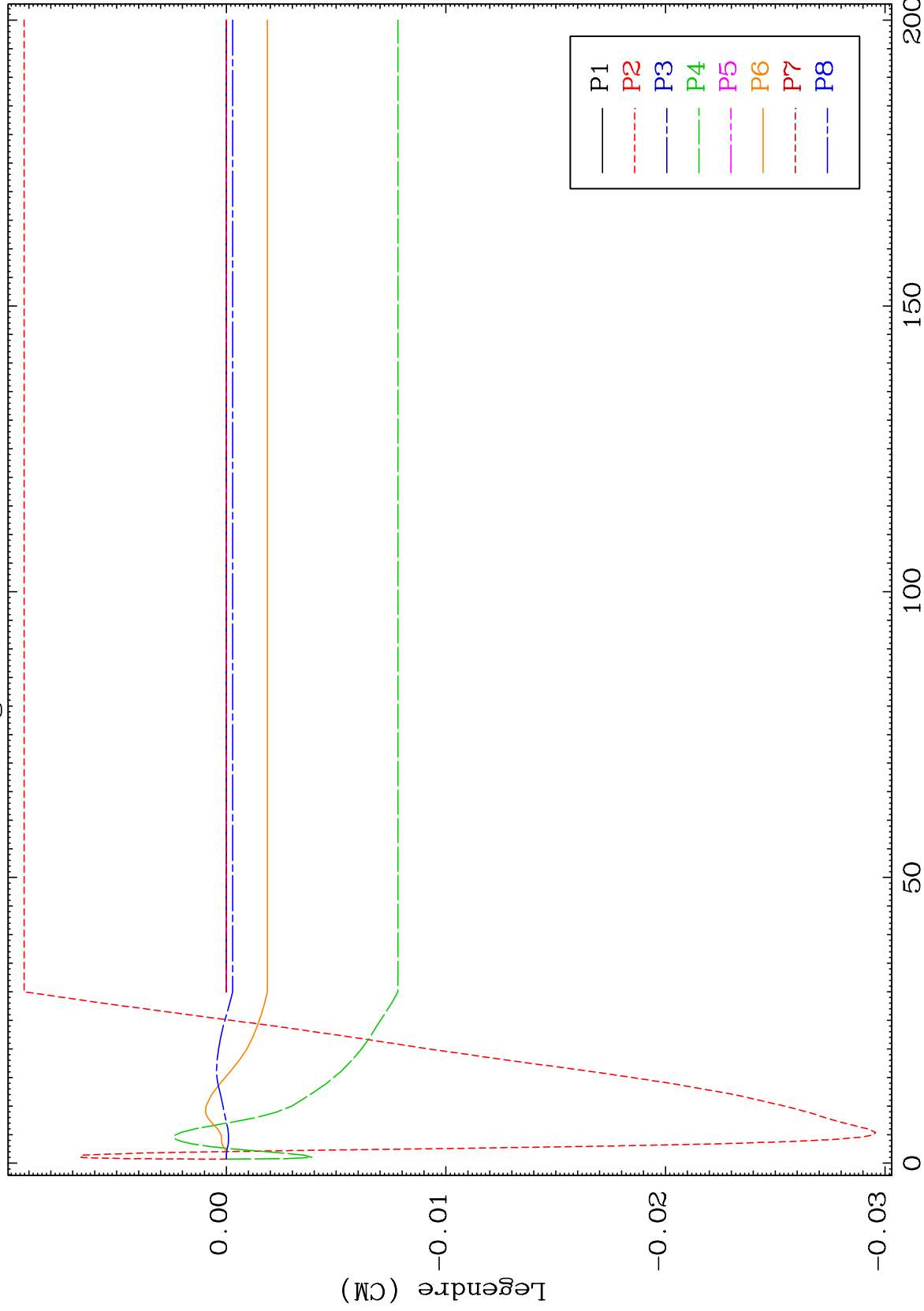
63-Eu-136



MAT 6280

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

63-Eu-136



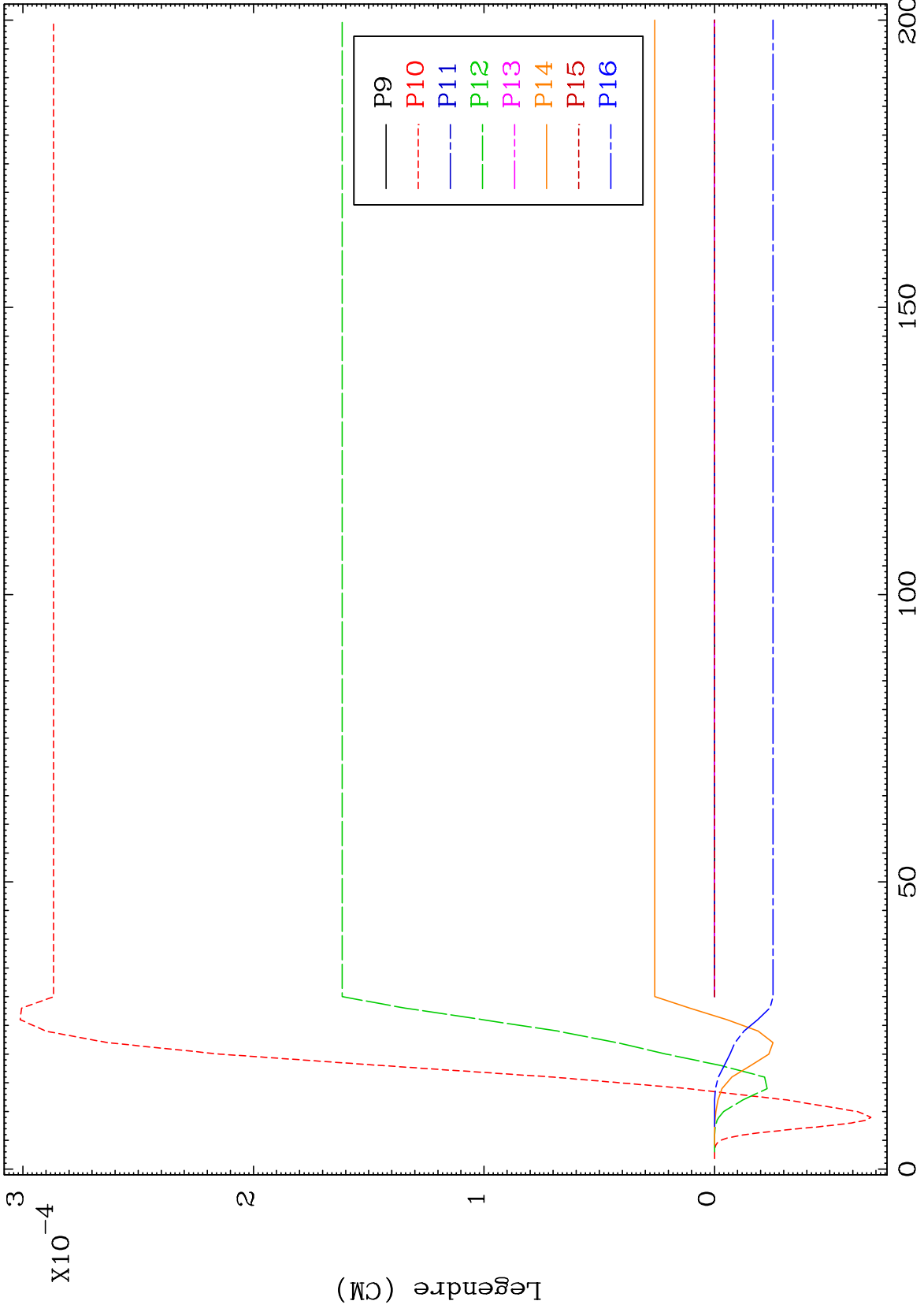
19

63-Eu-136

MAT 6280

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

63-Eu-136



20

50

100

150

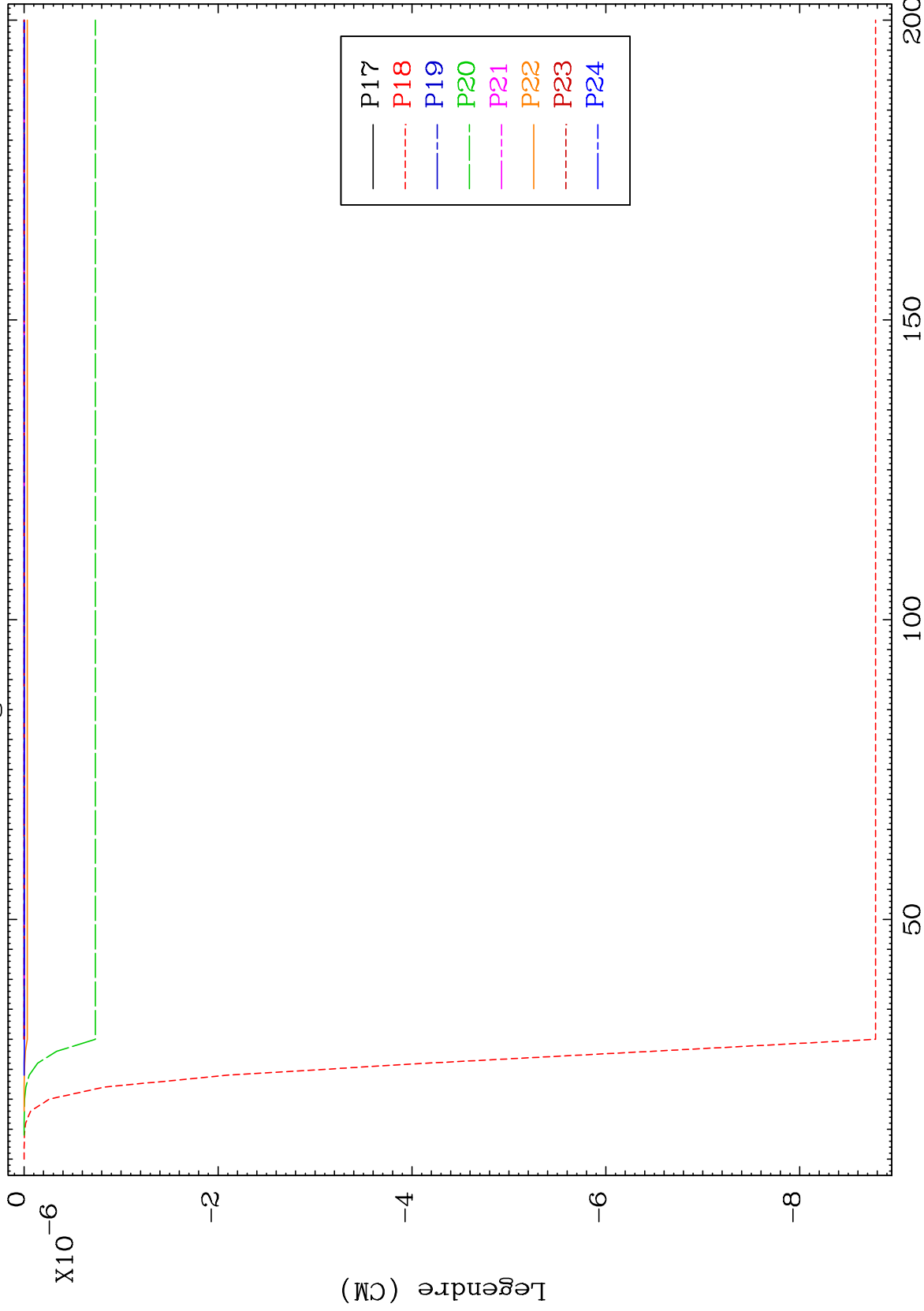
200

63-Eu-136

MAT 6280

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

63-Eu-136



21

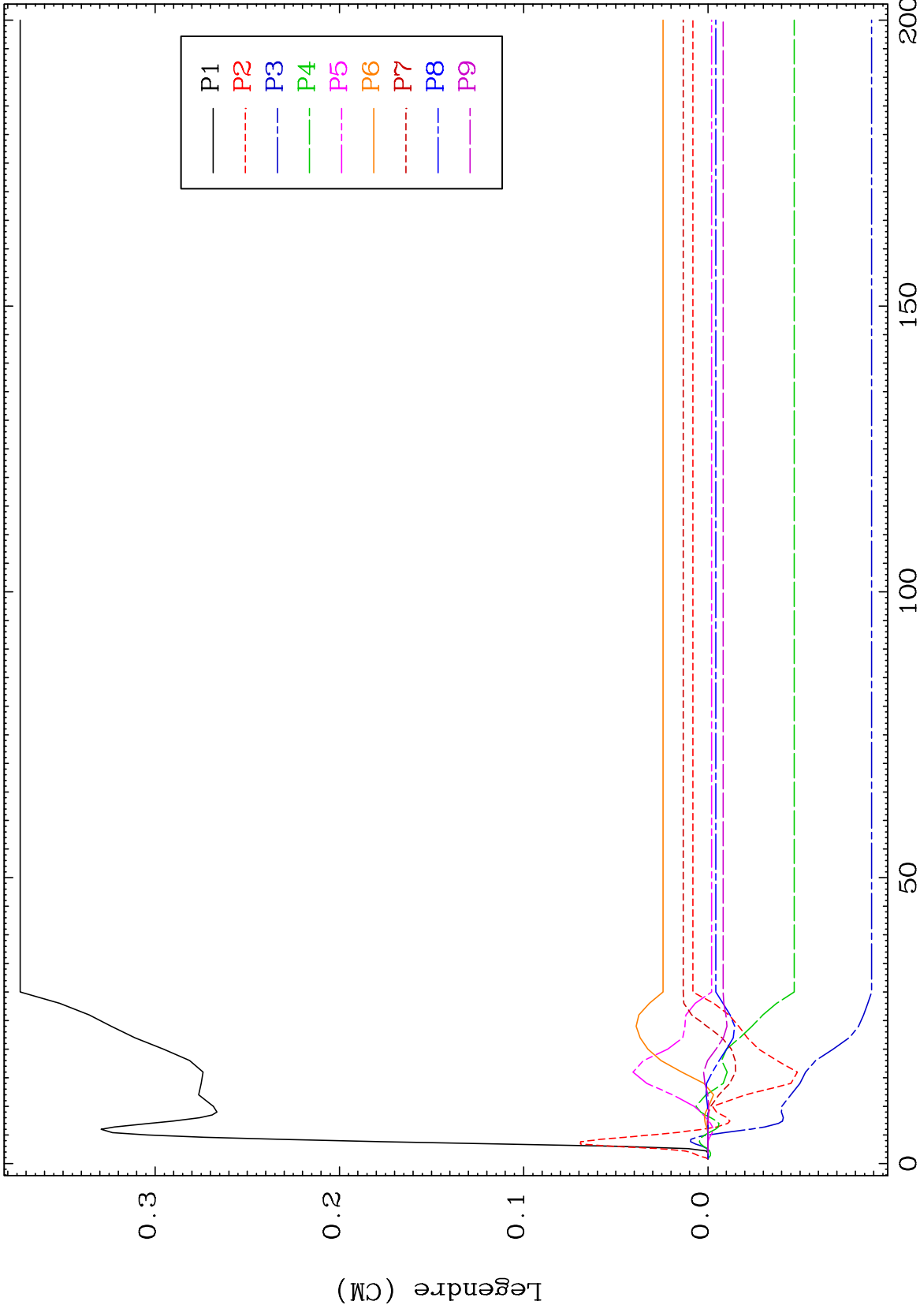
Incident Energy (MeV)

63-Eu-136

MAT 6280

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

63-Eu-136



22

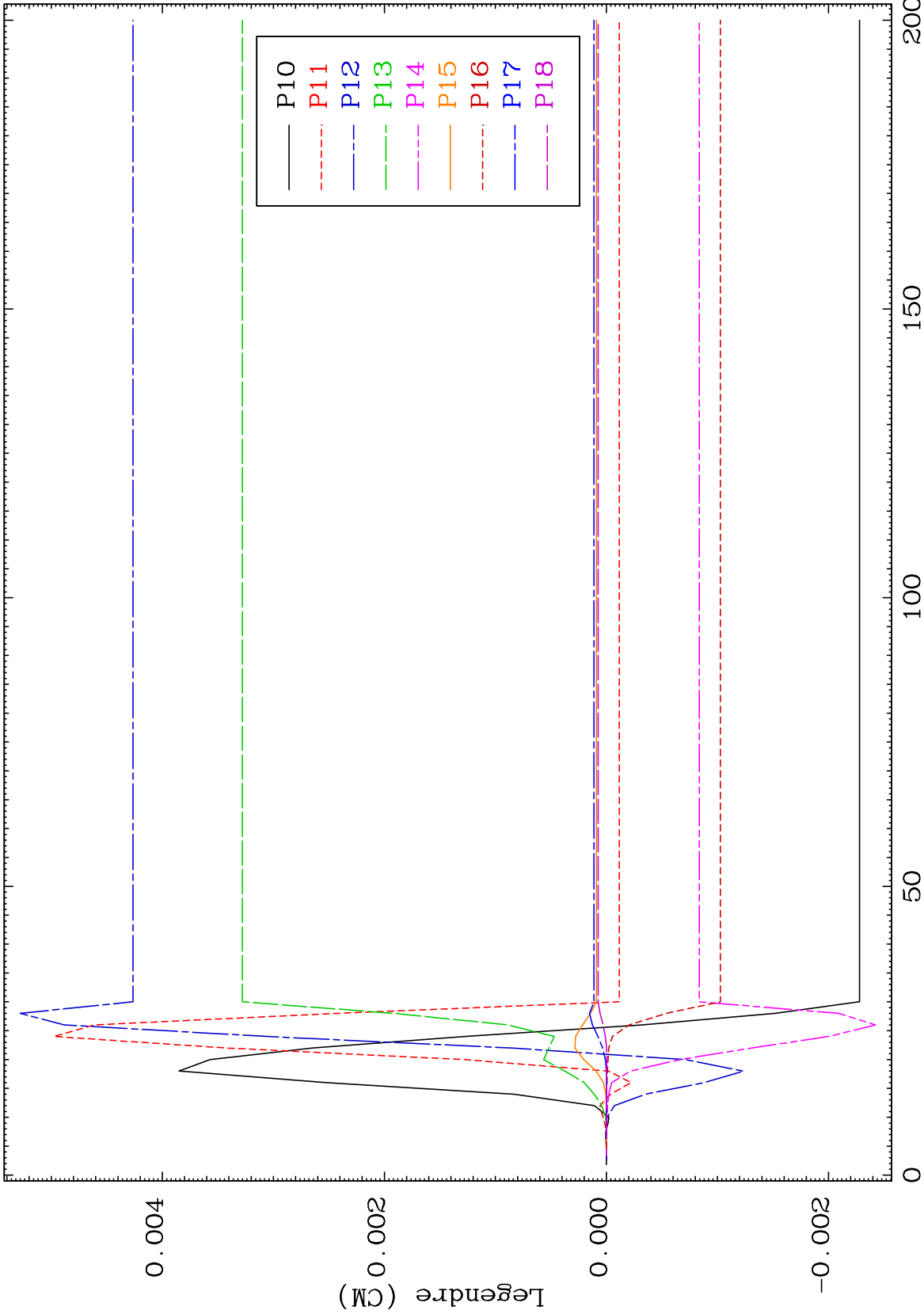
Incident Energy (MeV)

63-Eu-136

MAT 6280

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

63-Eu-136



23

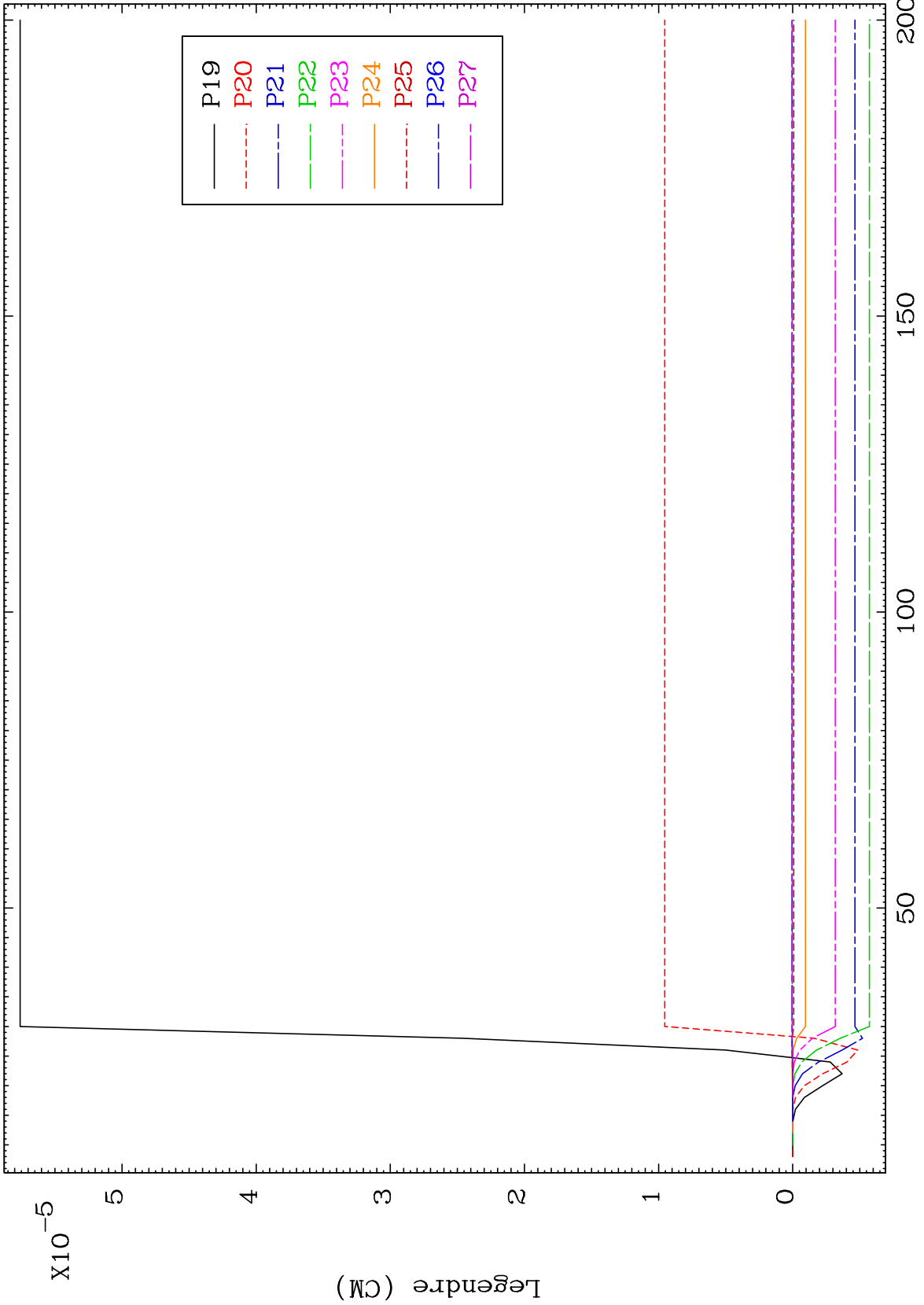
Incident Energy (MeV)

63-Eu-136

MAT 6280

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

63-Eu-136



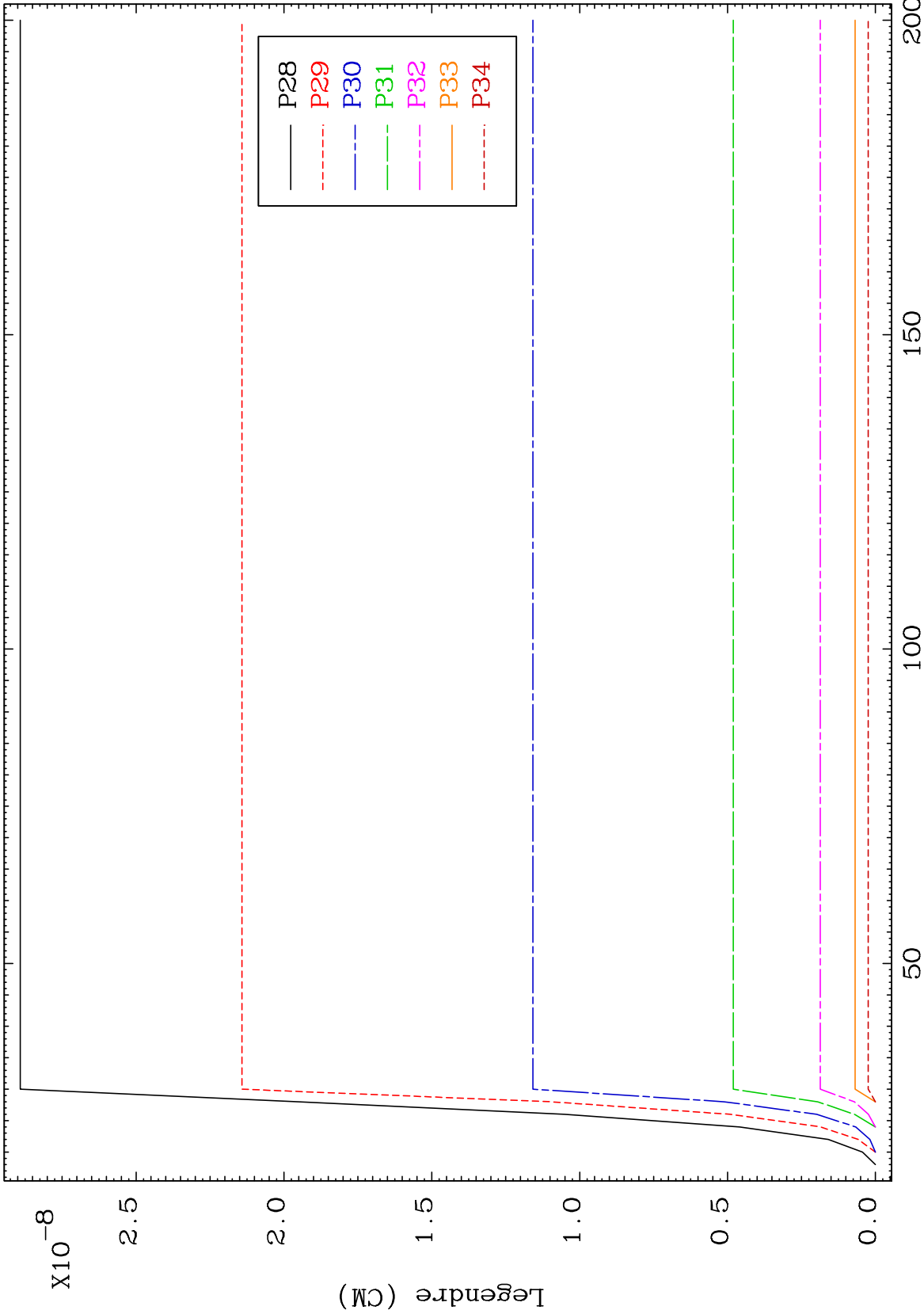
24

63-Eu-136

MAT 6280

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

63-Eu-136



25

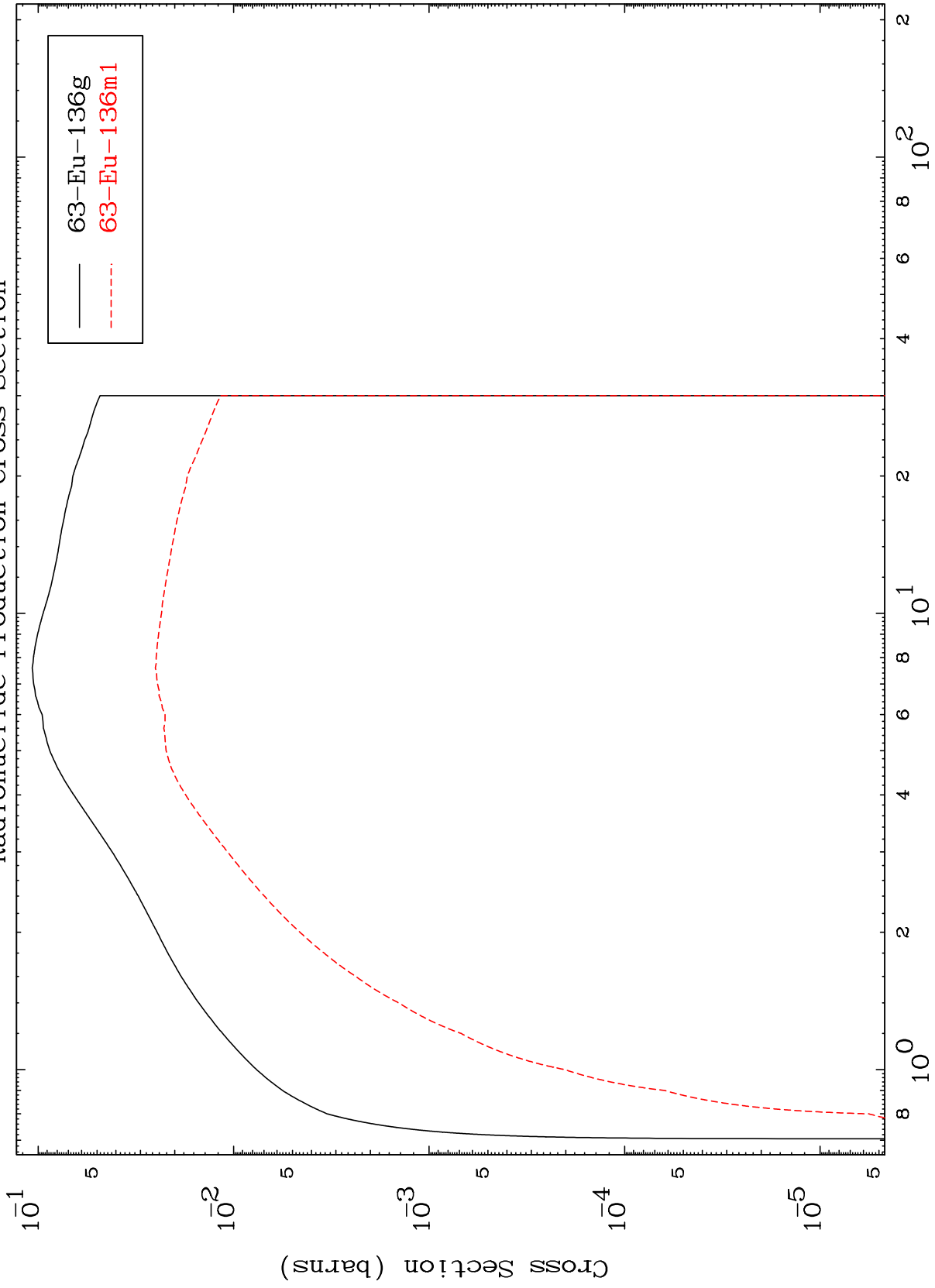
Incident Energy (MeV)

63-Eu-136

MAT 6280

Inelastic Radionuclide Production Cross Section

63-Eu-136



26

Incident Energy (MeV)

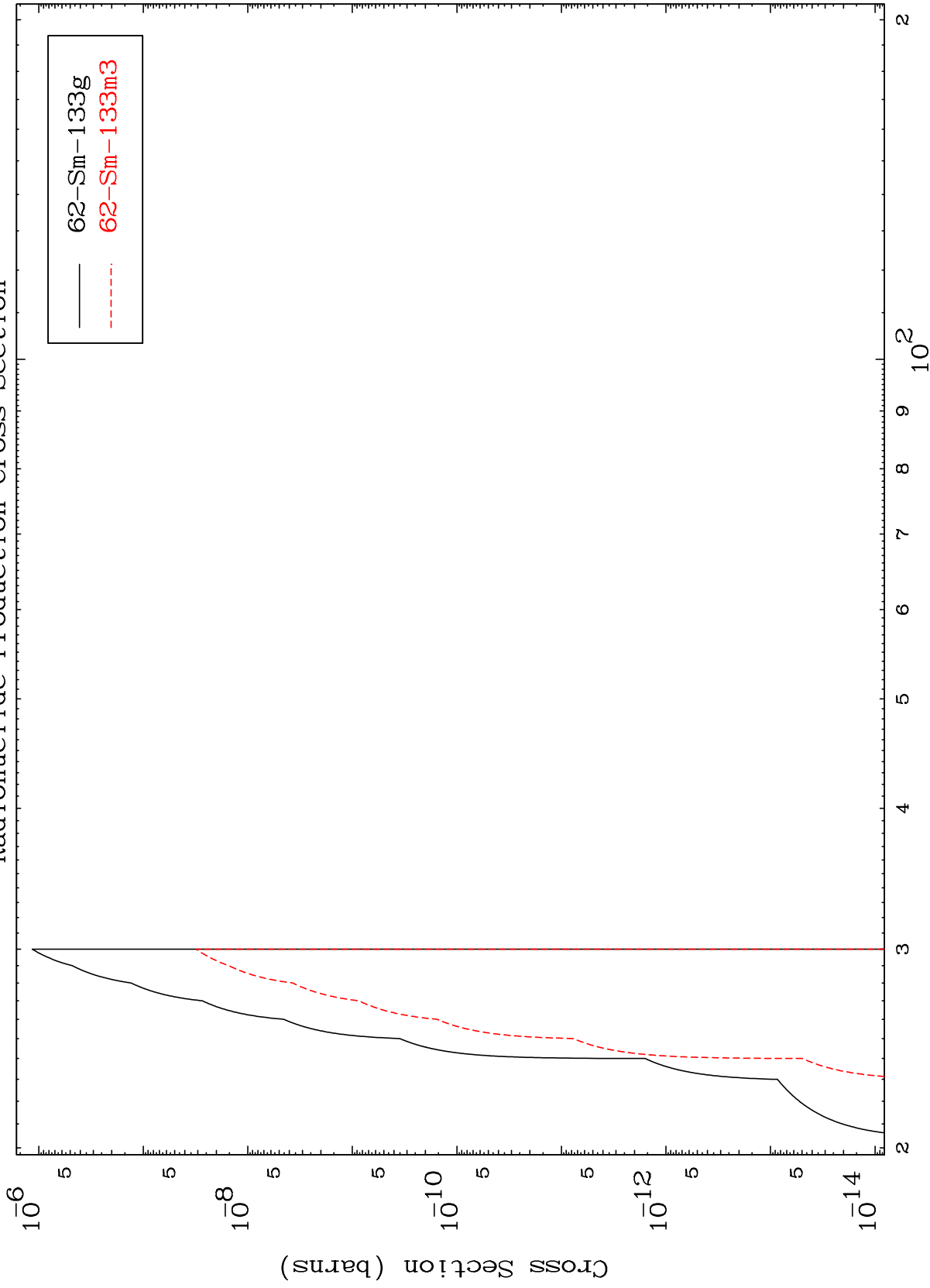
63-Eu-136

MAT 6280

(n,2n) d

63-Eu-136

Radionuclide Production Cross Section



27

Incident Energy (MeV)

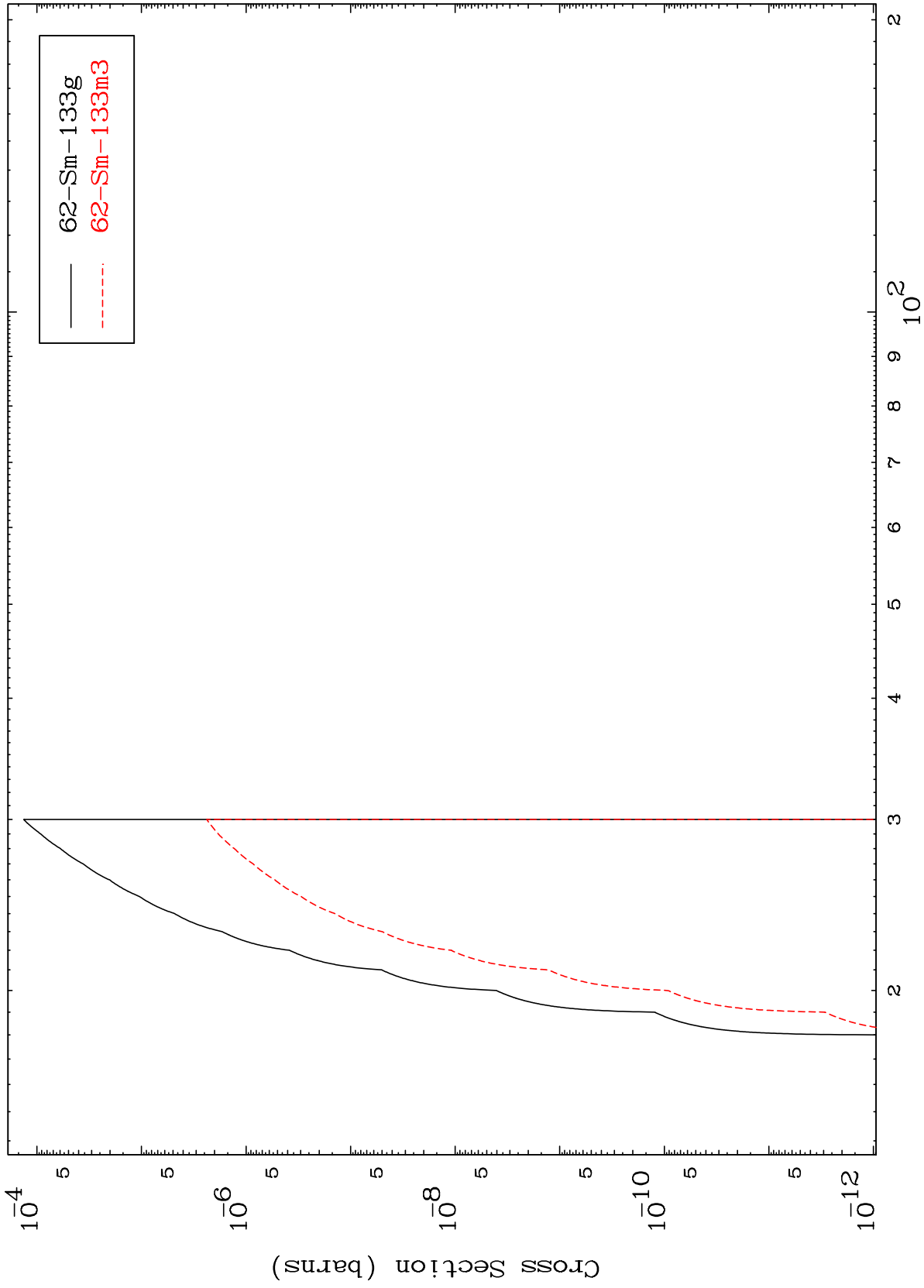
63-Eu-136

MAT 6280

(n,n') t

63-Eu-136

Radionuclide Production Cross Section



28

Incident Energy (MeV)

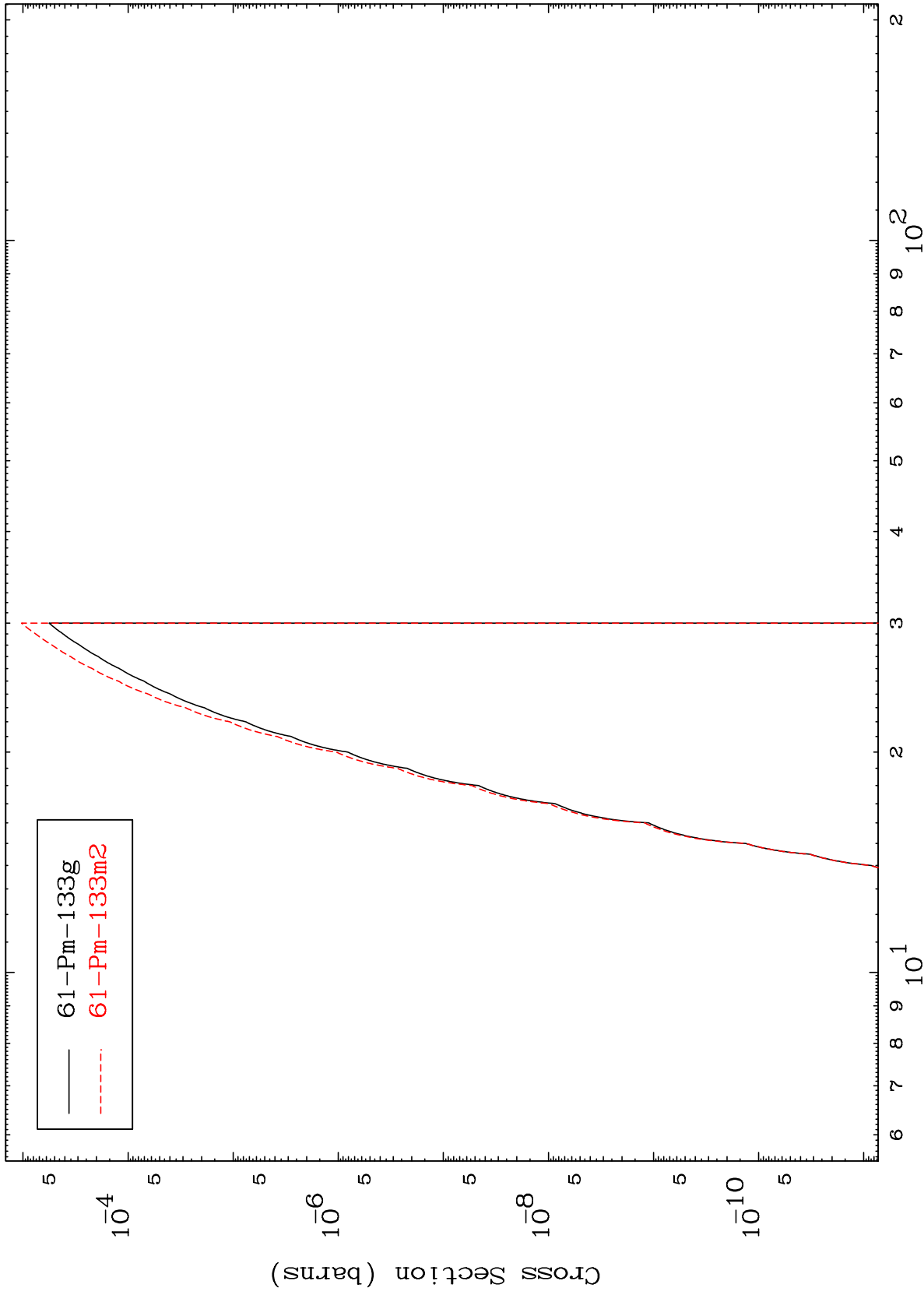
63-Eu-136

MAT 6280

(n, n') He-3

63-Eu-136

Radionuclide Production Cross Section



29

Incident Energy (MeV)

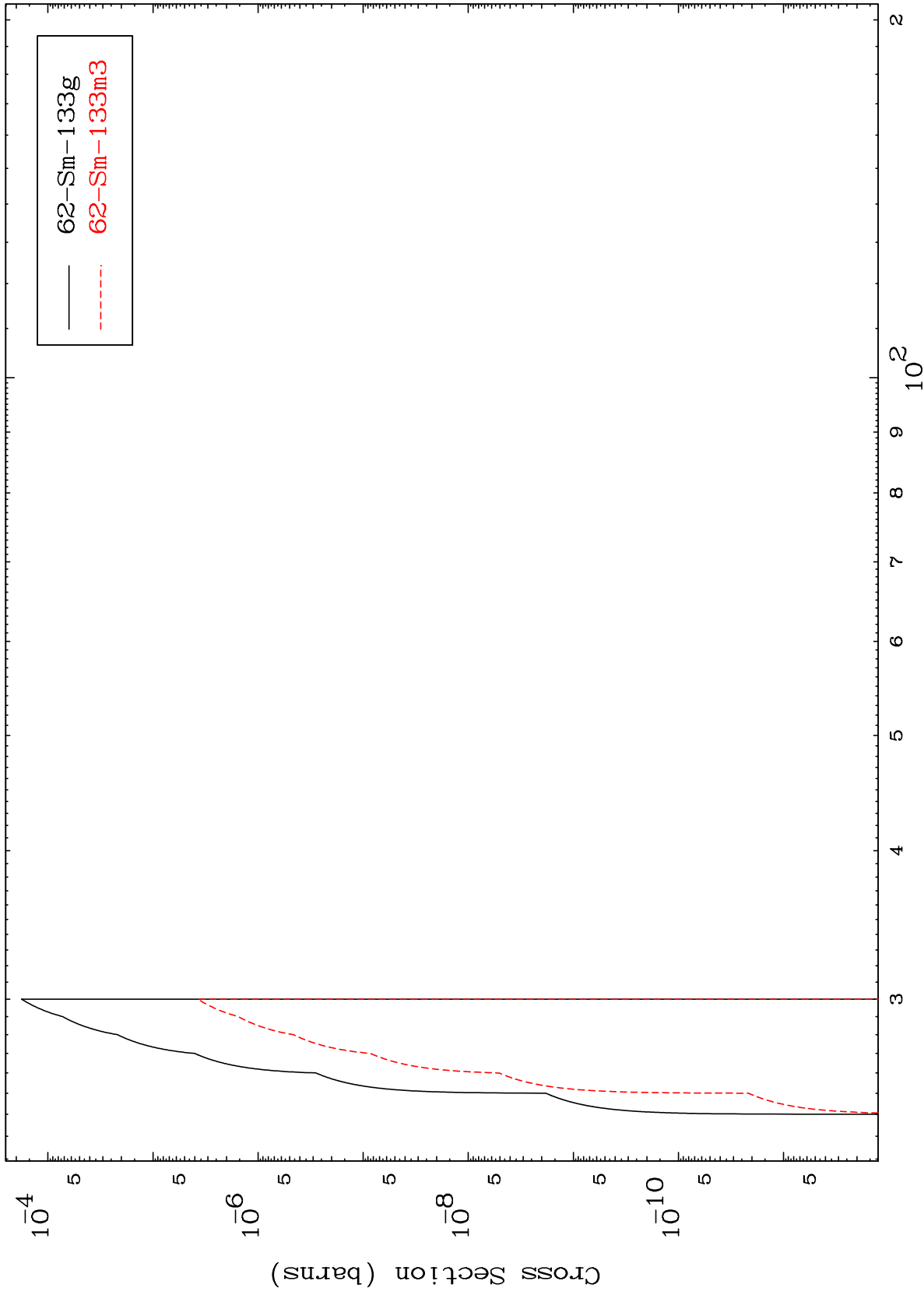
63-Eu-136

MAT 6280

(n,3n) p

63-Eu-136

Radionuclide Production Cross Section



62-Sm-133g
62-Sm-133m3

30

Incident Energy (MeV)

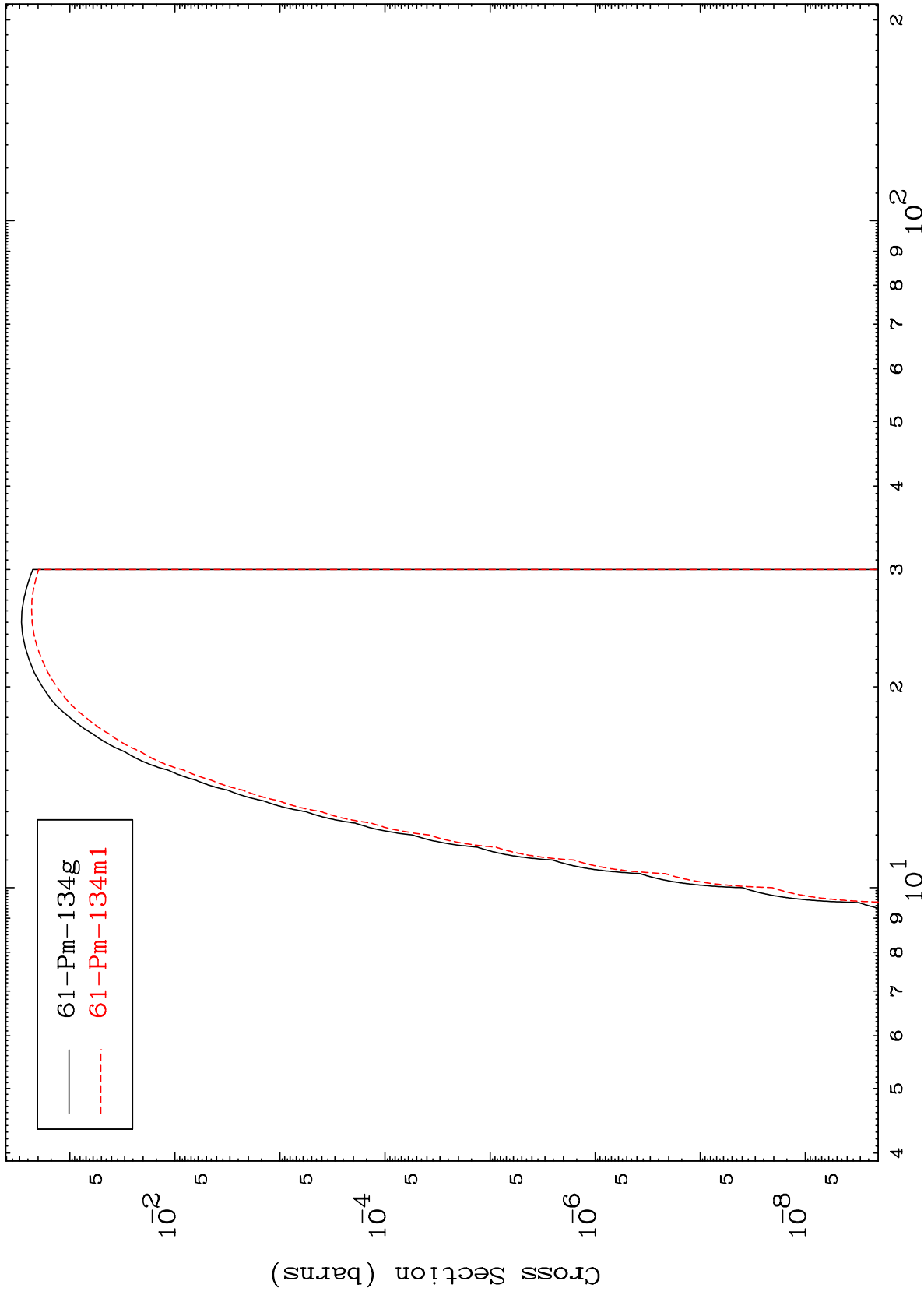
63-Eu-136

MAT 6280

(n,2n) p

63-Eu-136

Radionuclide Production Cross Section



31

Incident Energy (MeV)

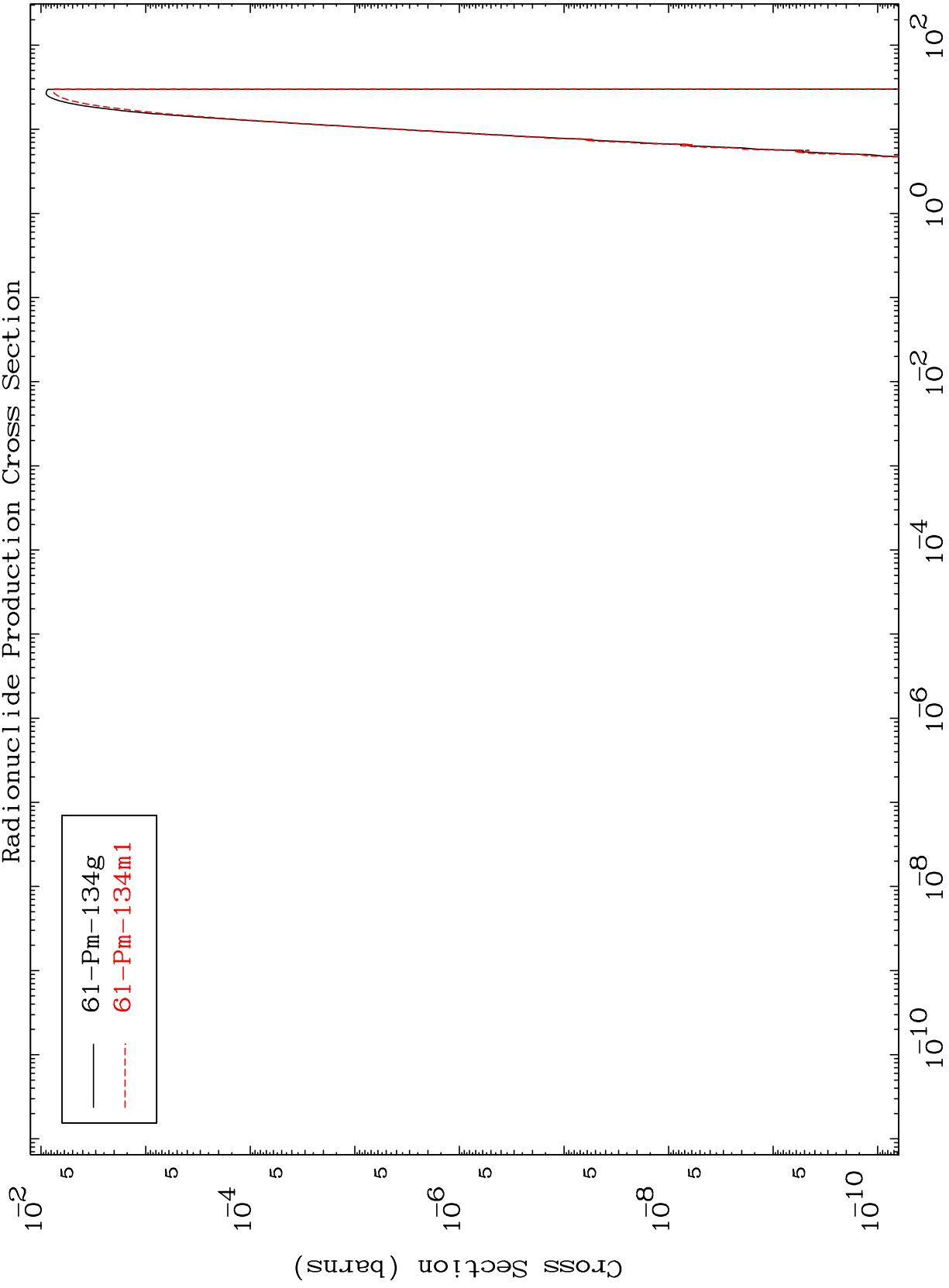
63-Eu-136

MAT 6280

(n, He-3)

63-Eu-136

Radionuclide Production Cross Section



32

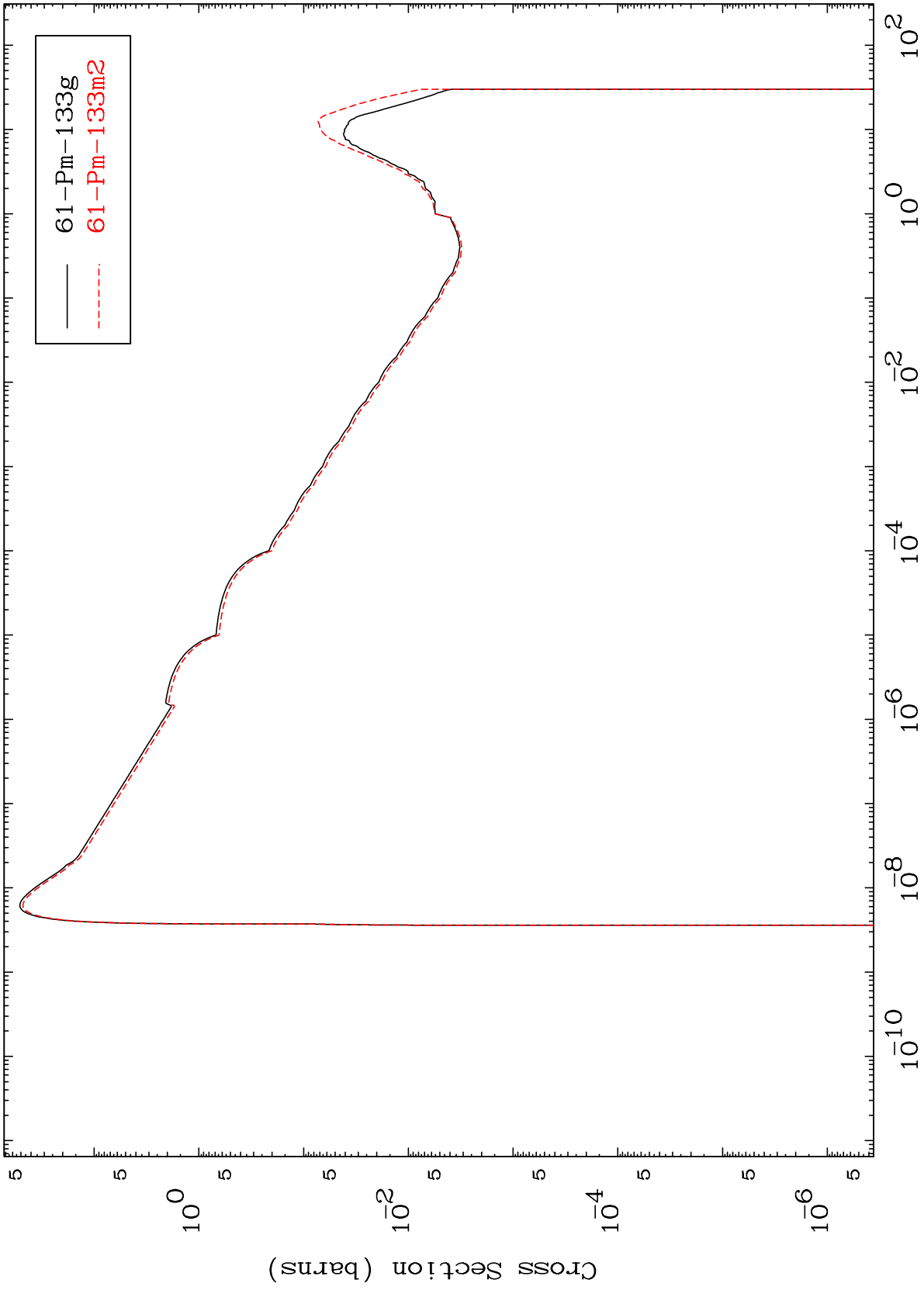
Incident Energy (MeV)

63-Eu-136

MAT 6280

63-Eu-136

(n, α)
Radionuclide Production Cross Section



33

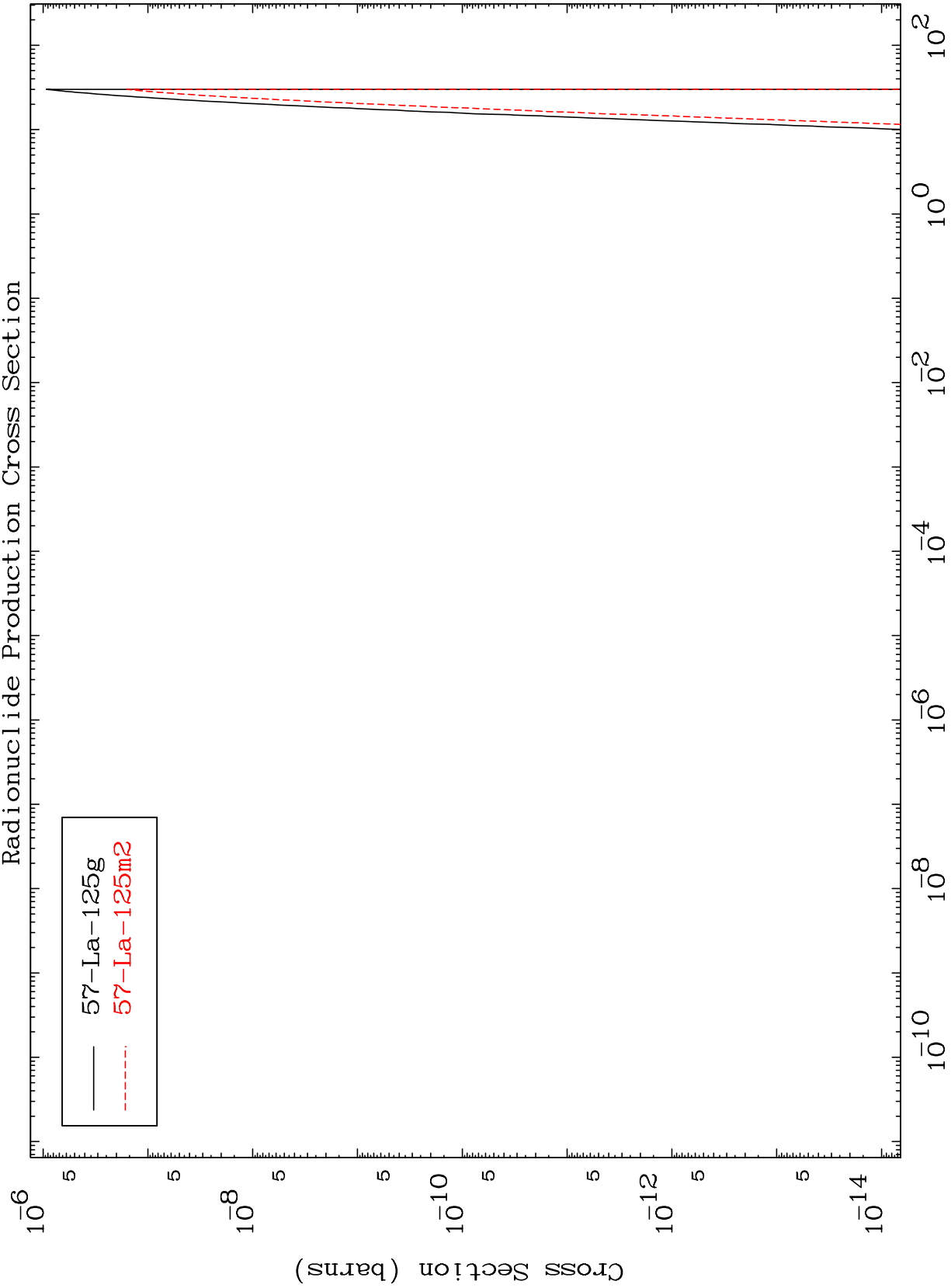
63-Eu-136

MAT 6280

(n,3α)

63-Eu-136

Radionuclide Production Cross Section



34

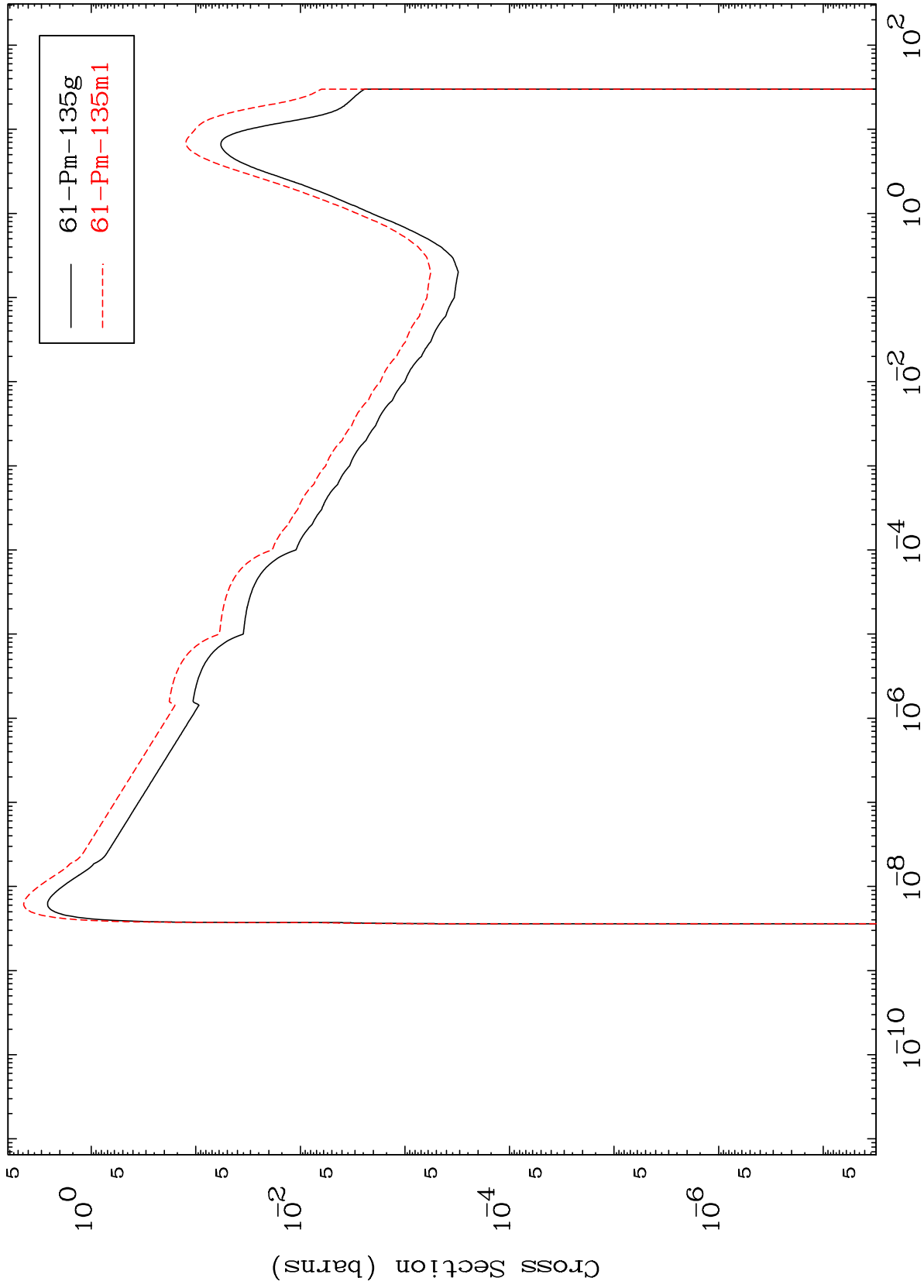
Incident Energy (MeV)

63-Eu-136

MAT 6280

63-Eu-136

(n,2p)
Radionuclide Production Cross Section



35

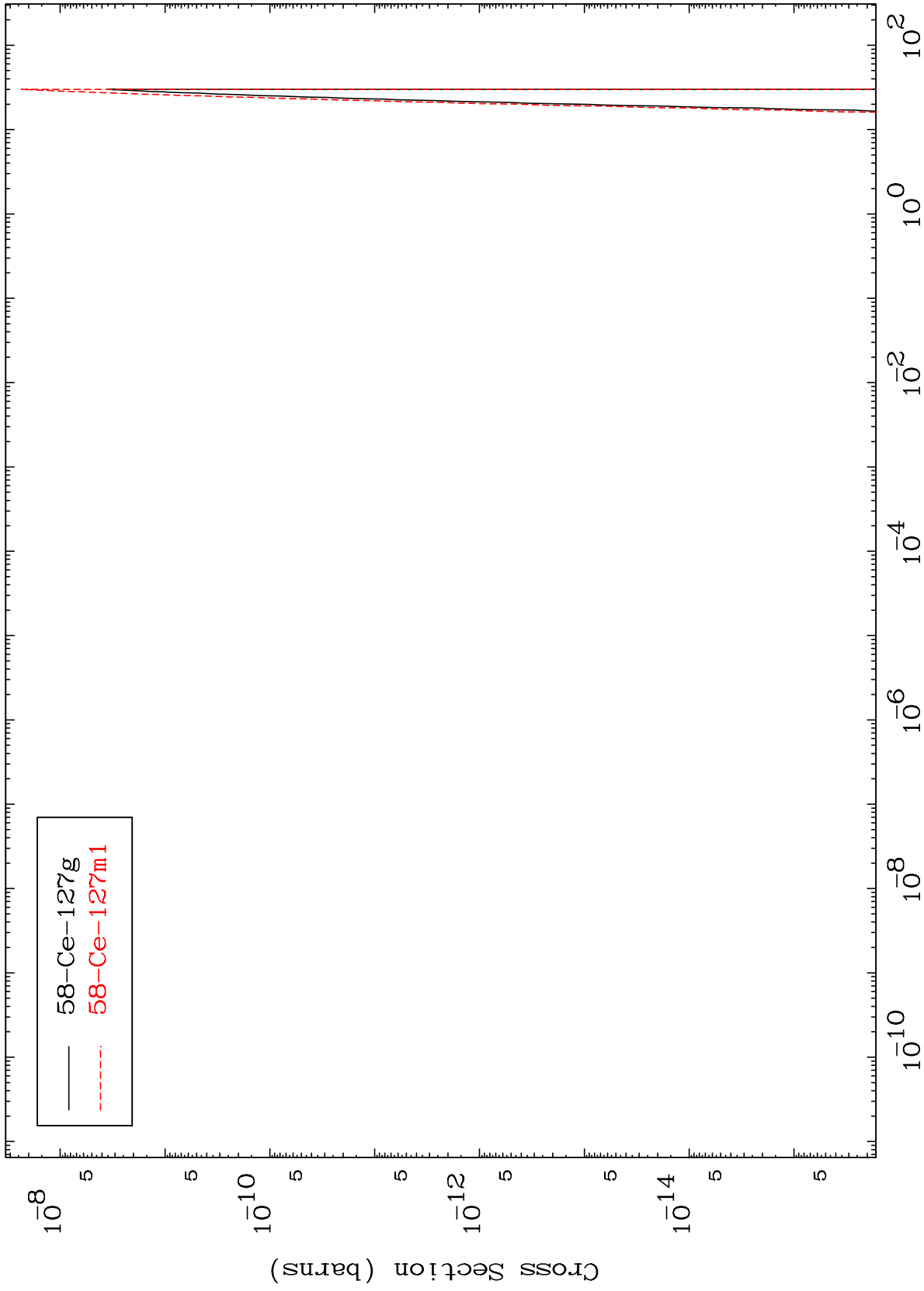
63-Eu-136

MAT 6280

(n,d) 2α

63-Eu-136

Radionuclide Production Cross Section



36

Incident Energy (MeV)

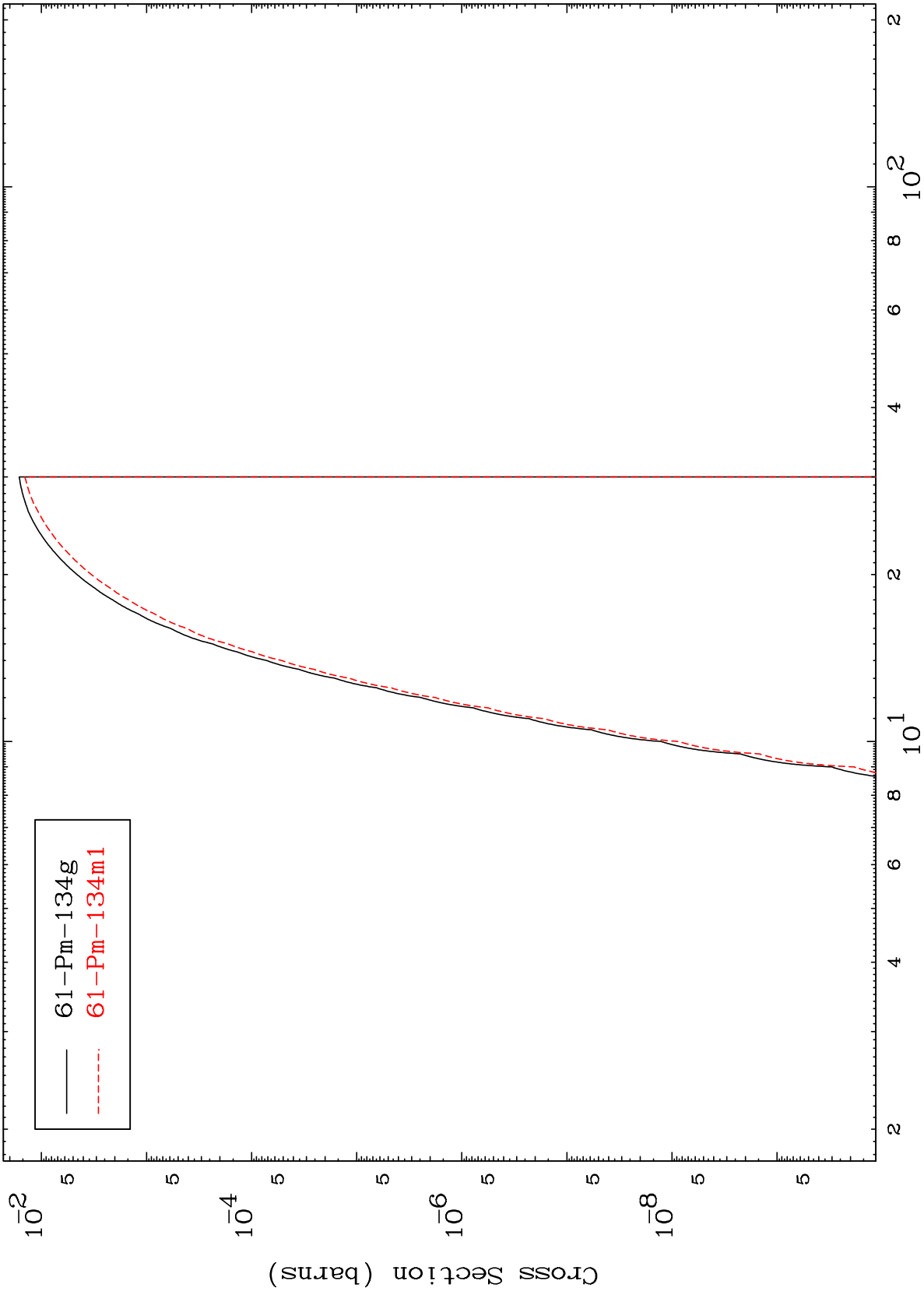
63-Eu-136

MAT 6280

(n,p) d

63-Eu-136

Radionuclide Production Cross Section



61-Pm-134g
61-Pm-134m1

37

Incident Energy (MeV)

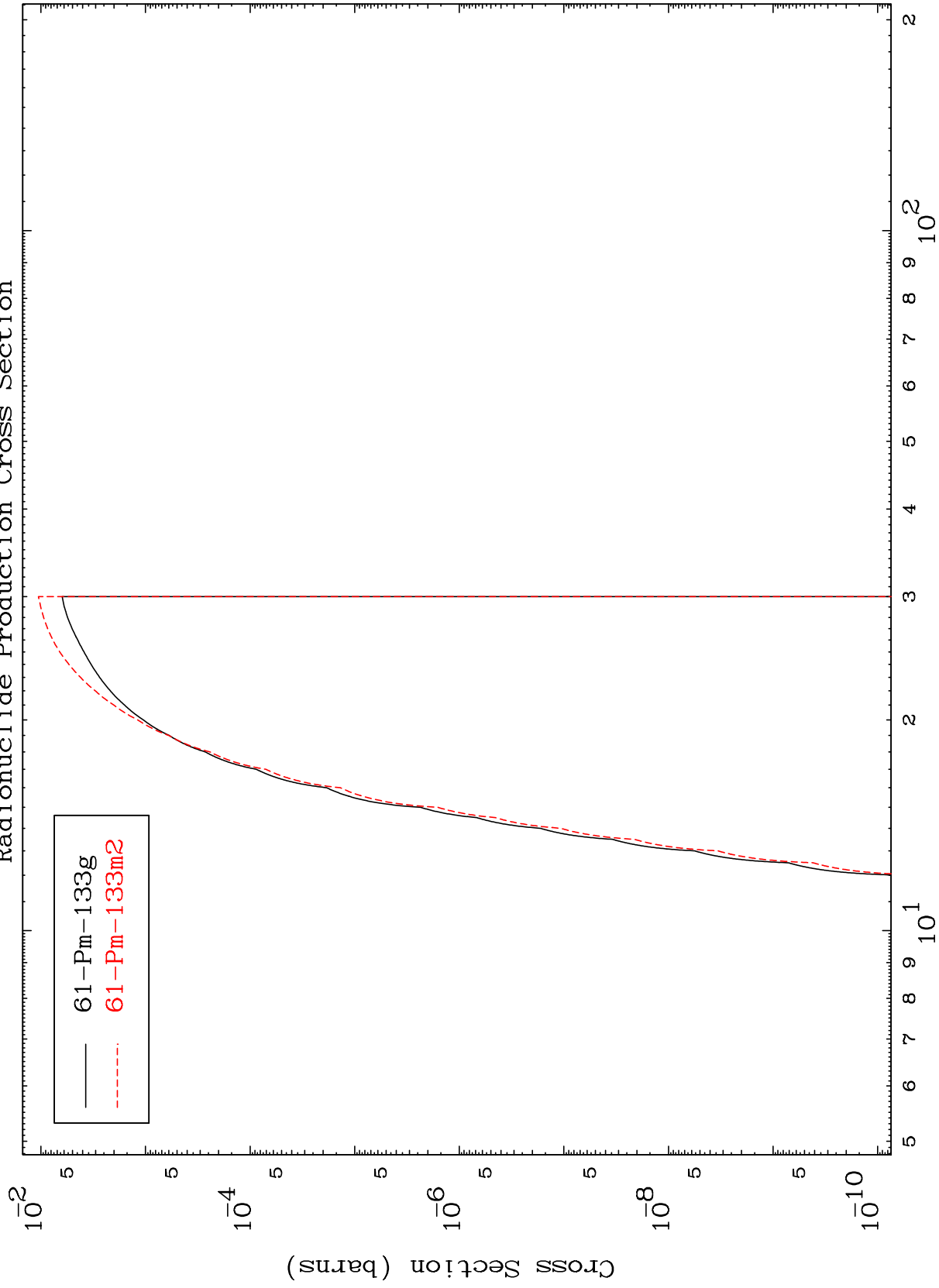
63-Eu-136

MAT 6280

(n,p) t

63-Eu-136

Radionuclide Production Cross Section



38

Incident Energy (MeV)

63-Eu-136