

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

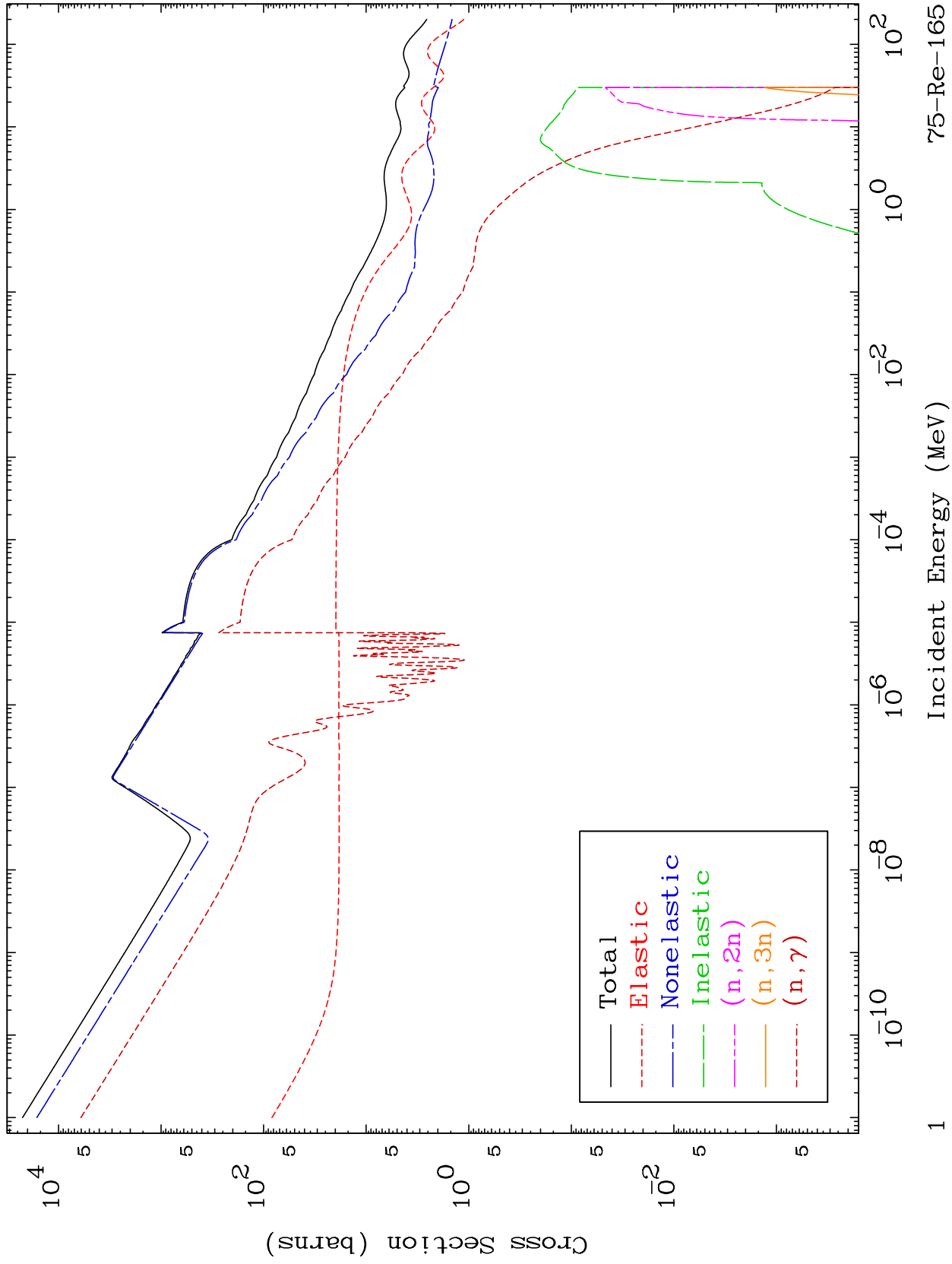
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7465

Neutron Major
293 Kelvin Cross Sections

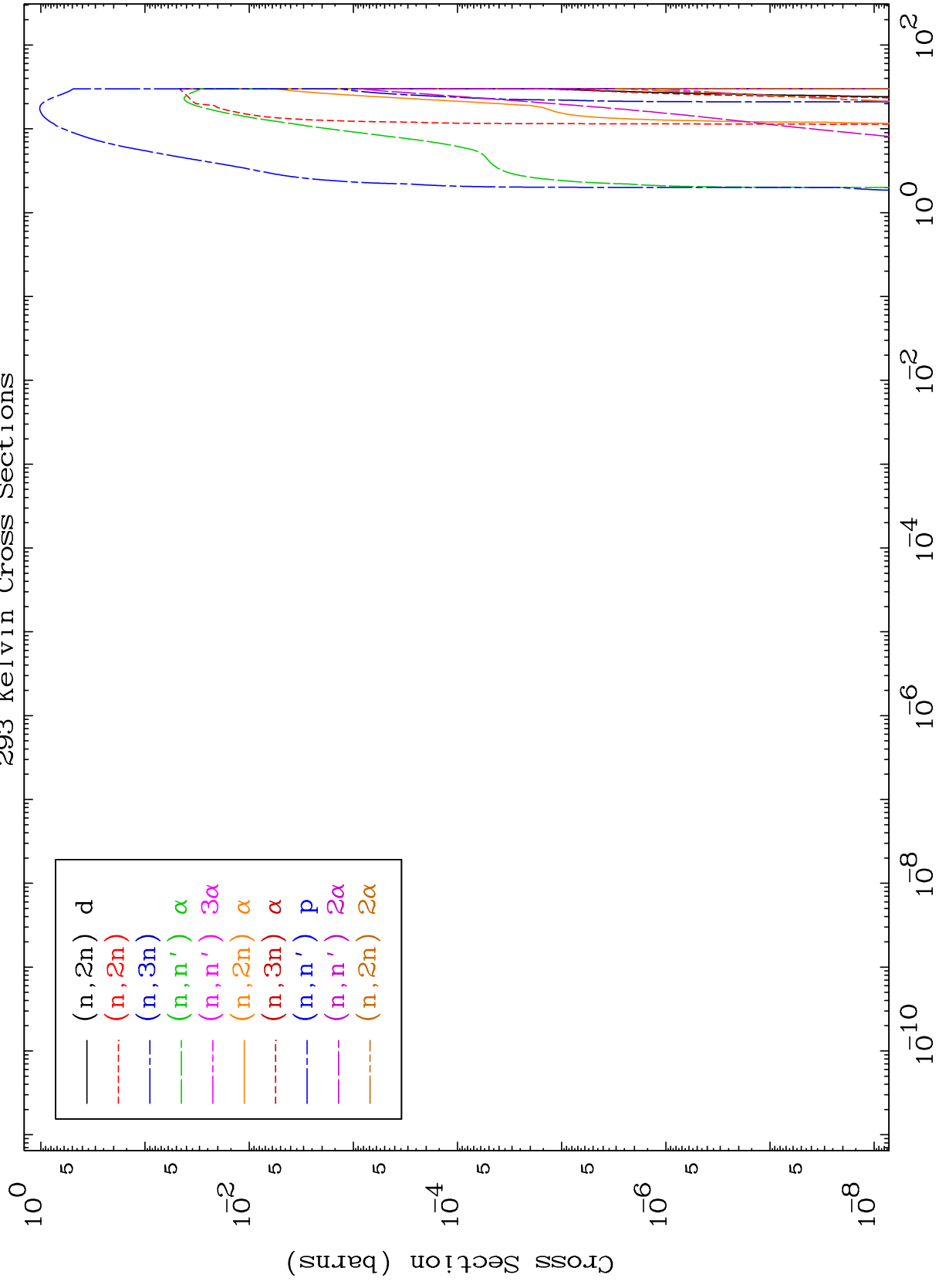
75-Re-165



MAT 7465

Neutron Absorption
293 Kelvin Cross Sections

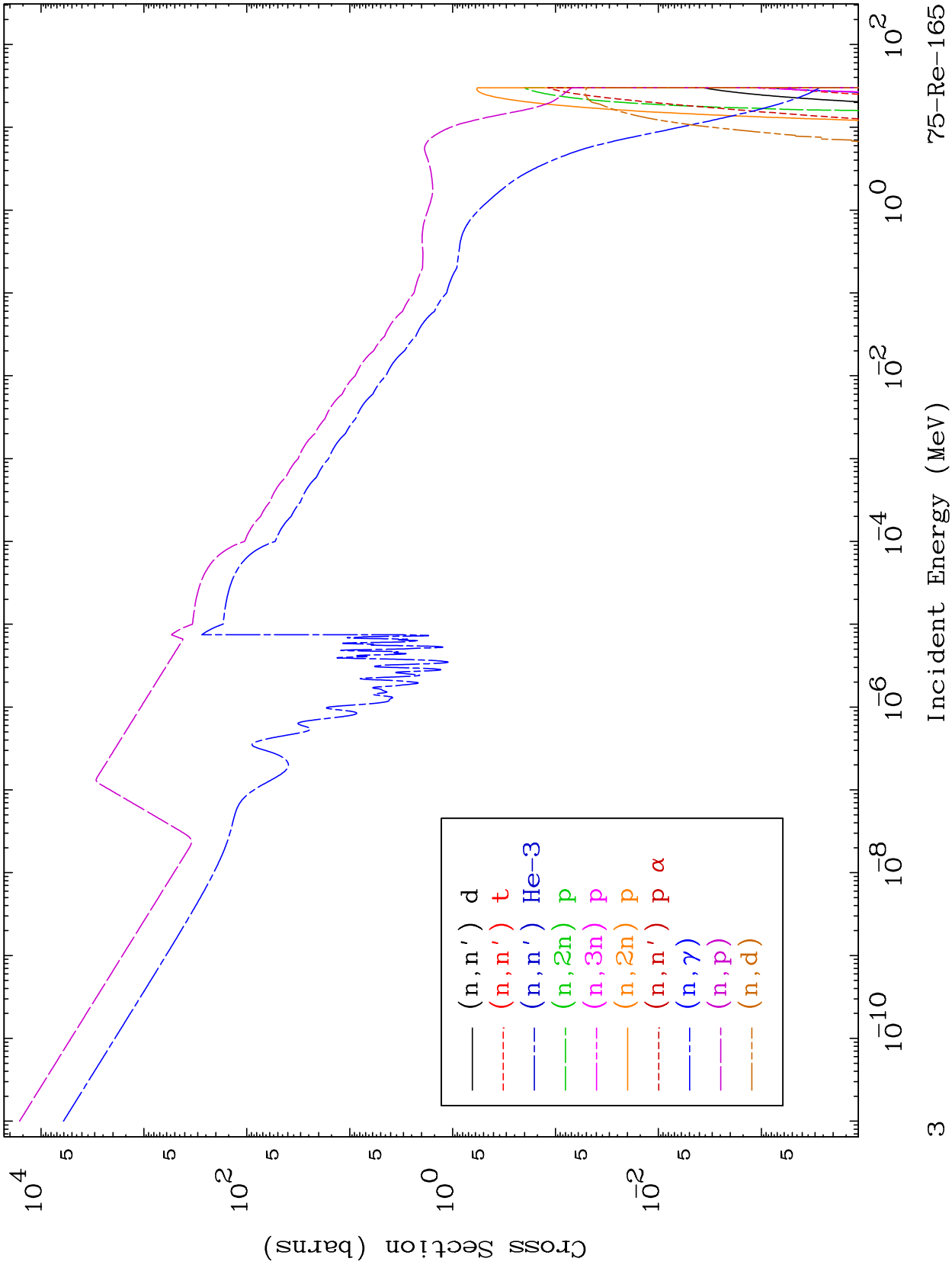
75-Re-165

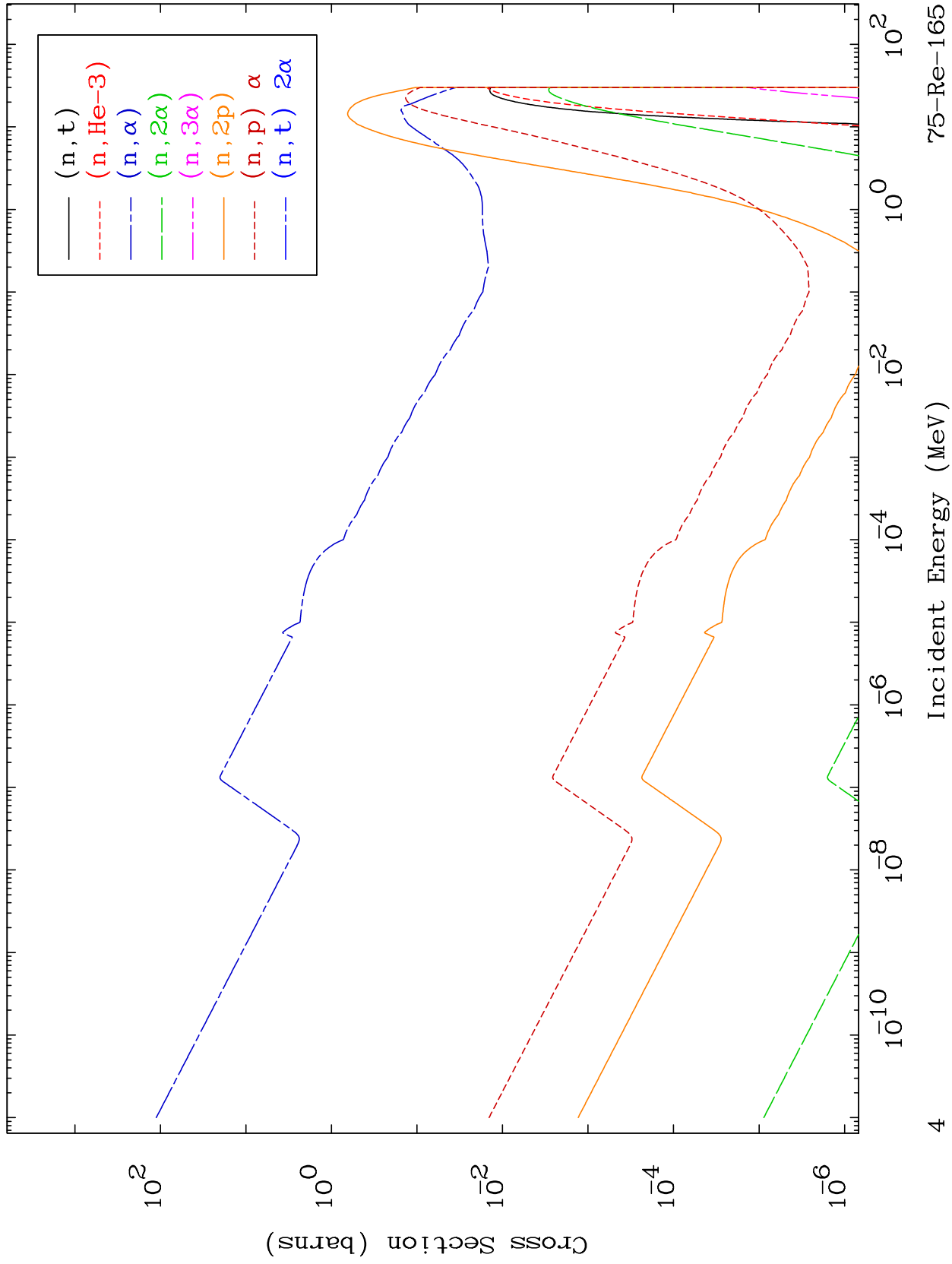


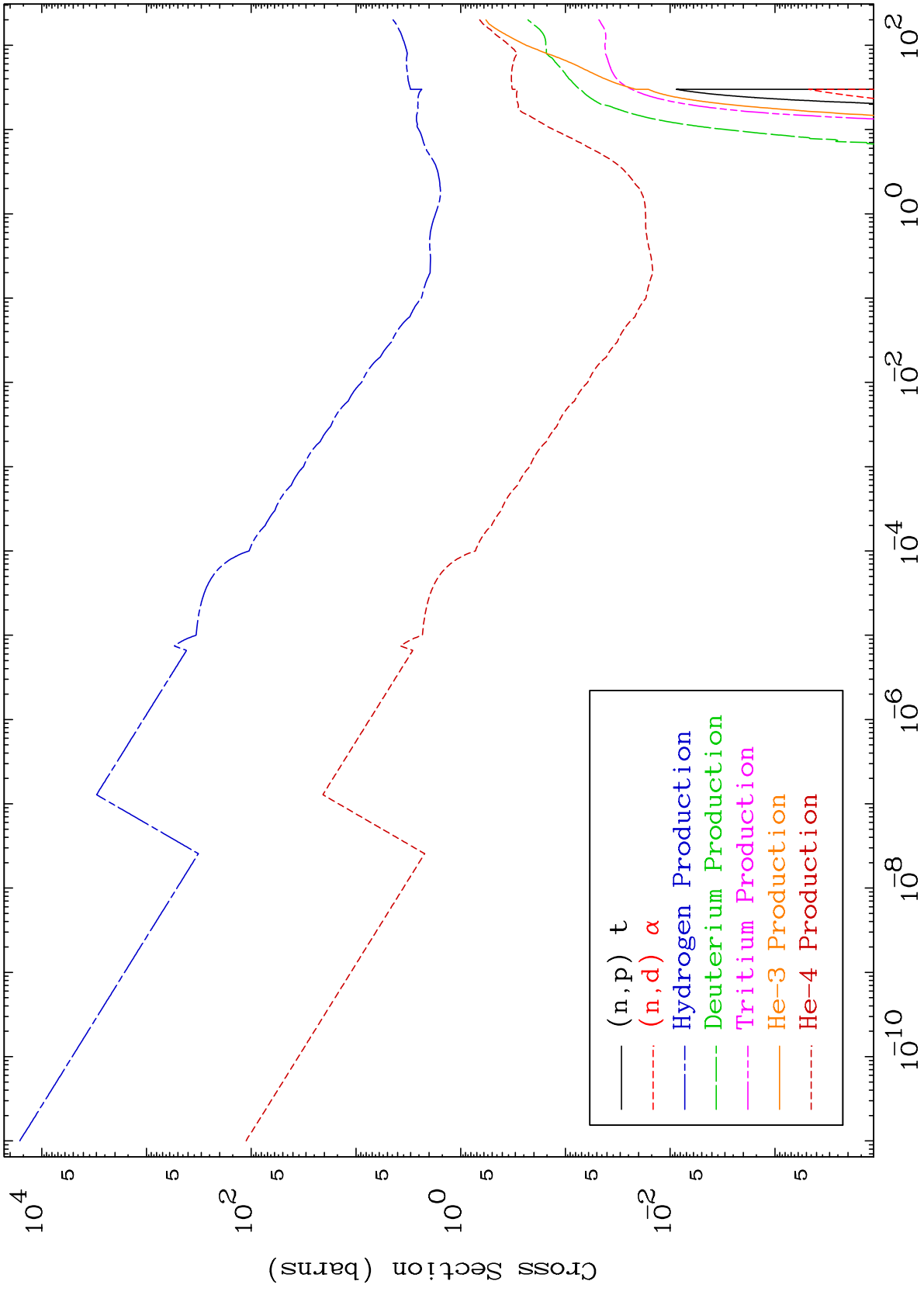
MAT 7465

Neutron Absorption
293 Kelvin Cross Sections

75-Re-165



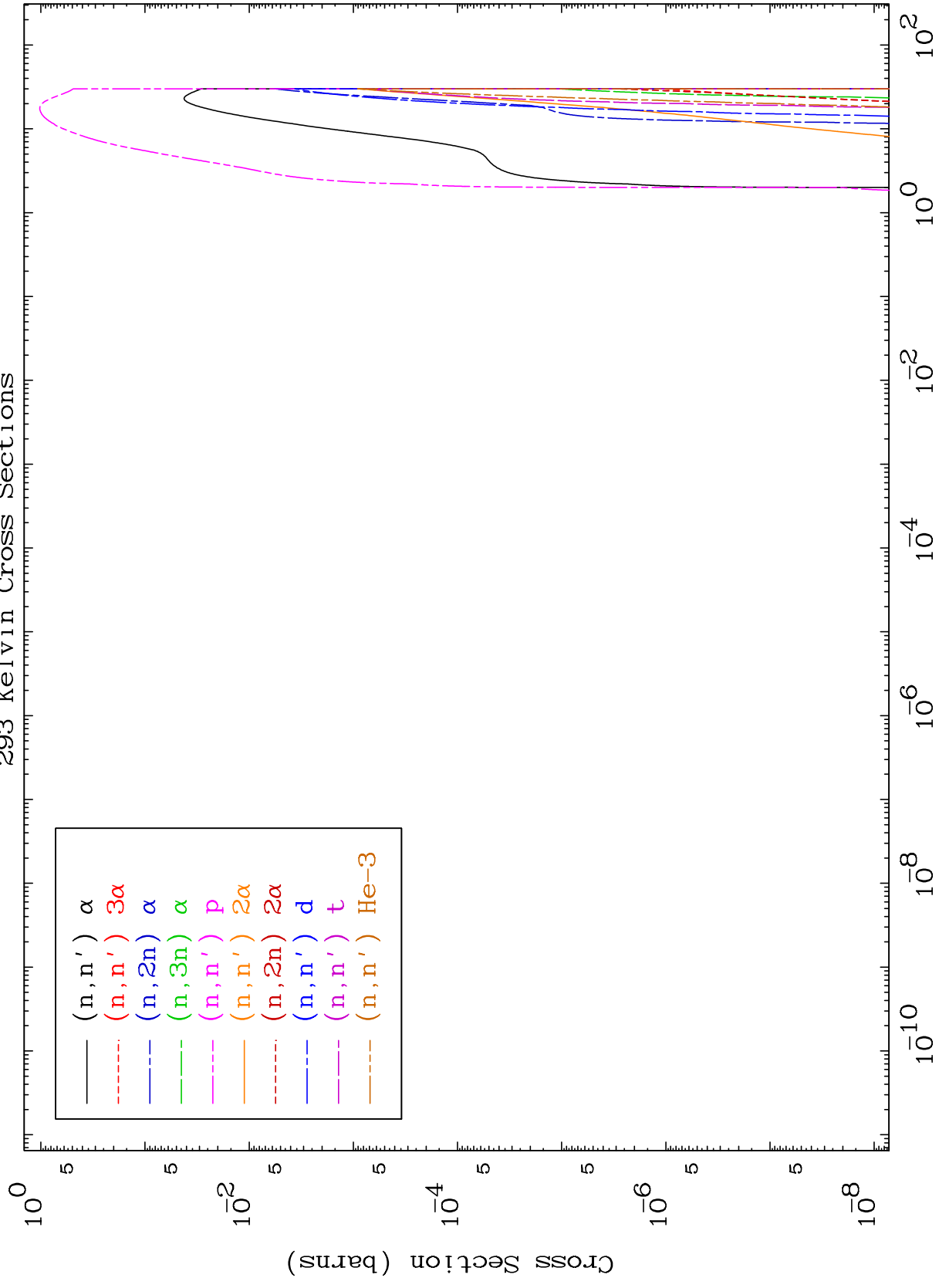




MAT 7465

Charged Particle
293 Kelvin Cross Sections

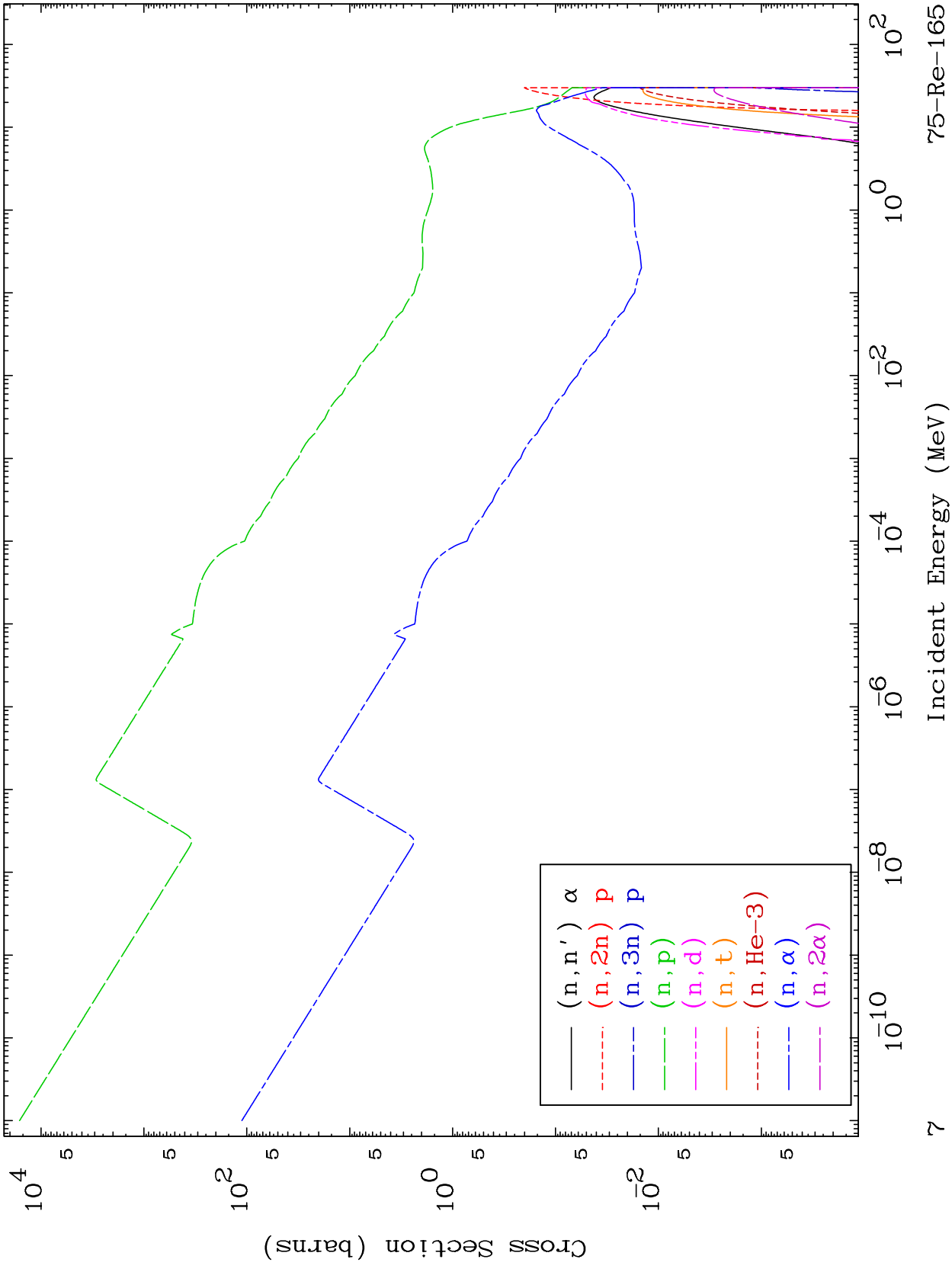
75-Re-165



MAT 7465

293 Kelvin Cross Sections

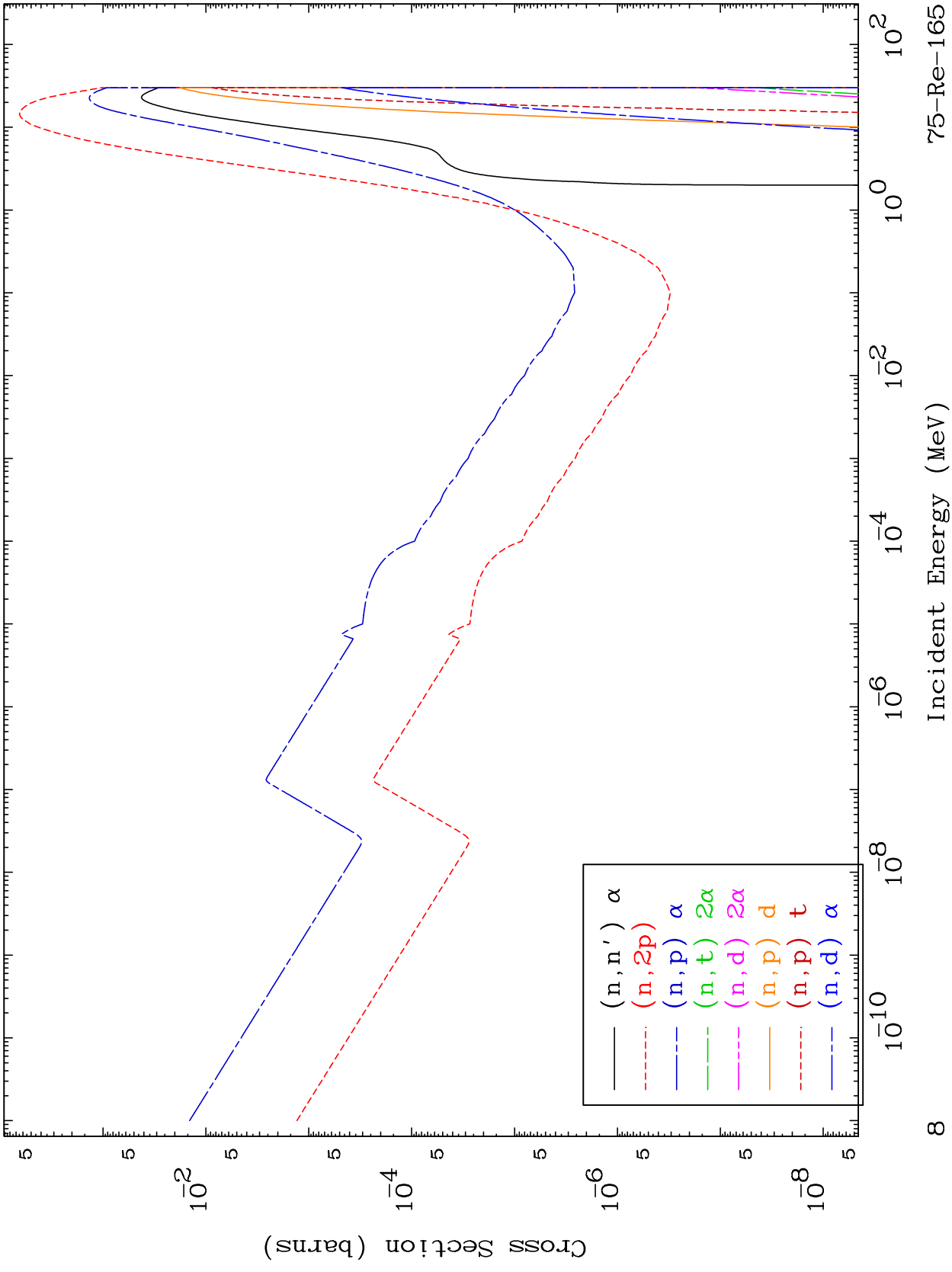
75-Re-165



MAT 7465

Charged Particle
293 Kelvin Cross Sections

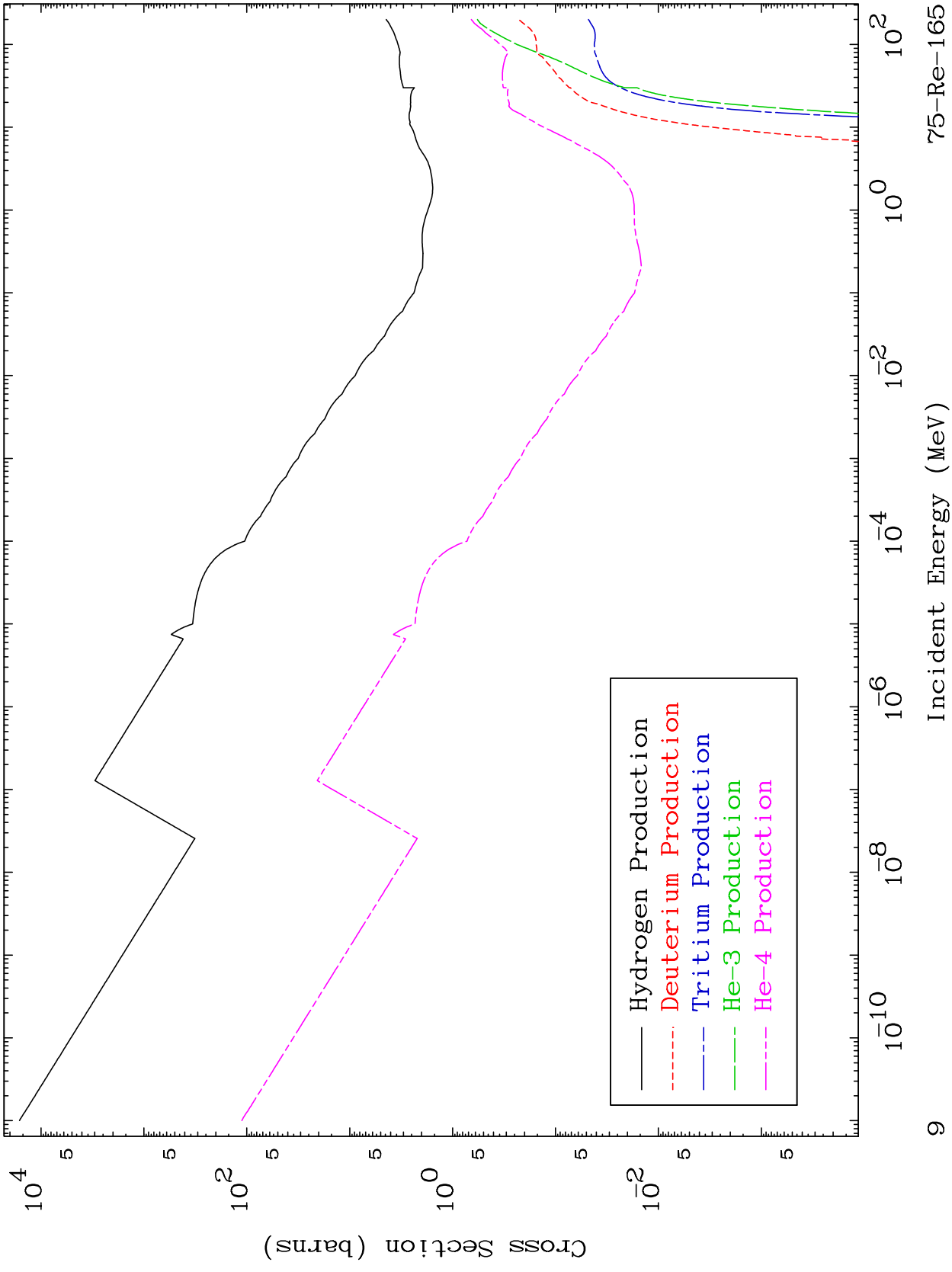
75-Re-165



MAT 7465

Particle Production
293 Kelvin Cross Sections

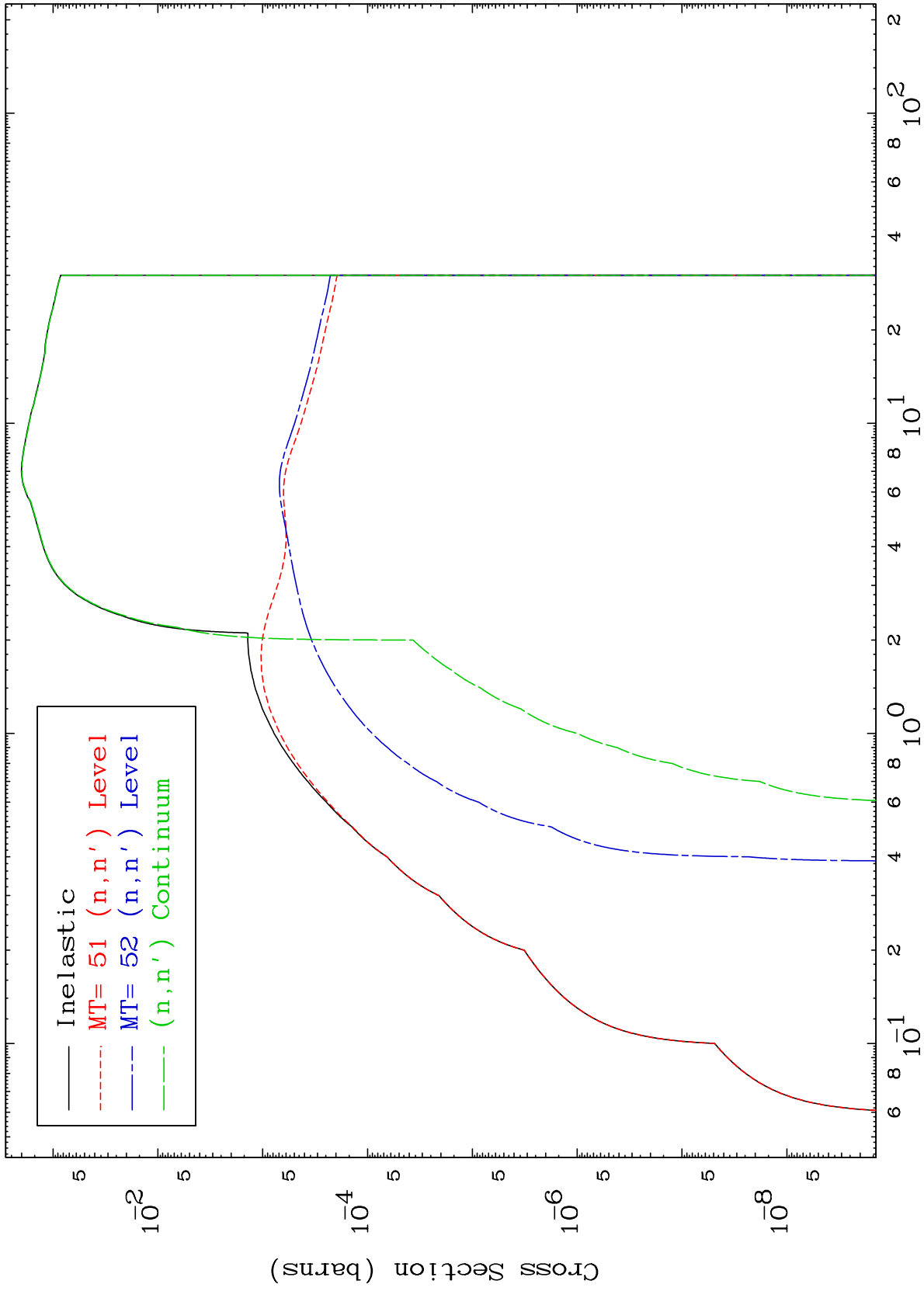
75-Re-165



MAT 7465

75-Re-165

293 Kelvin Cross Sections



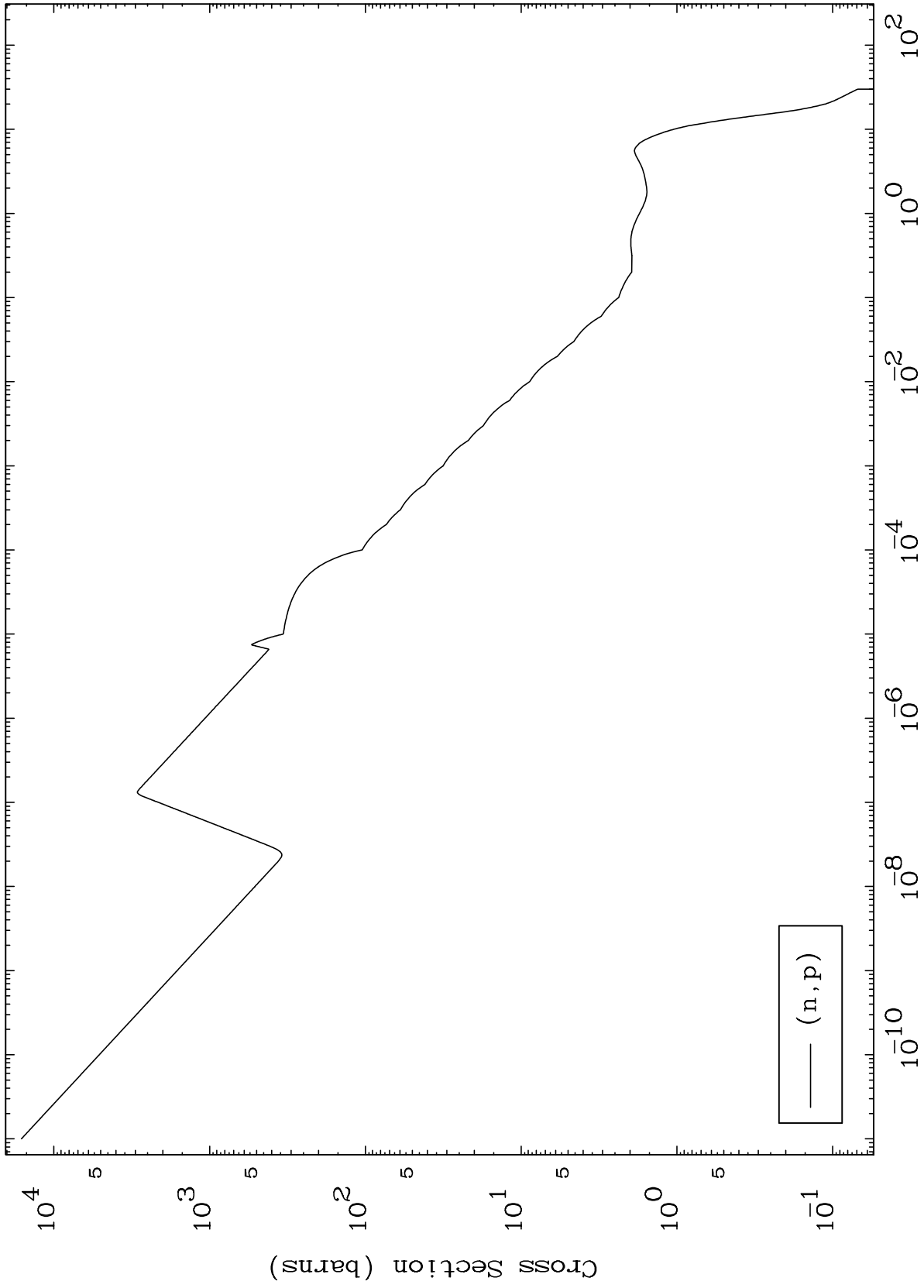
10

75-Re-165

MAT 7465

(n,p) Levels
293 Kelvin Cross Sections

75-Re-165



11

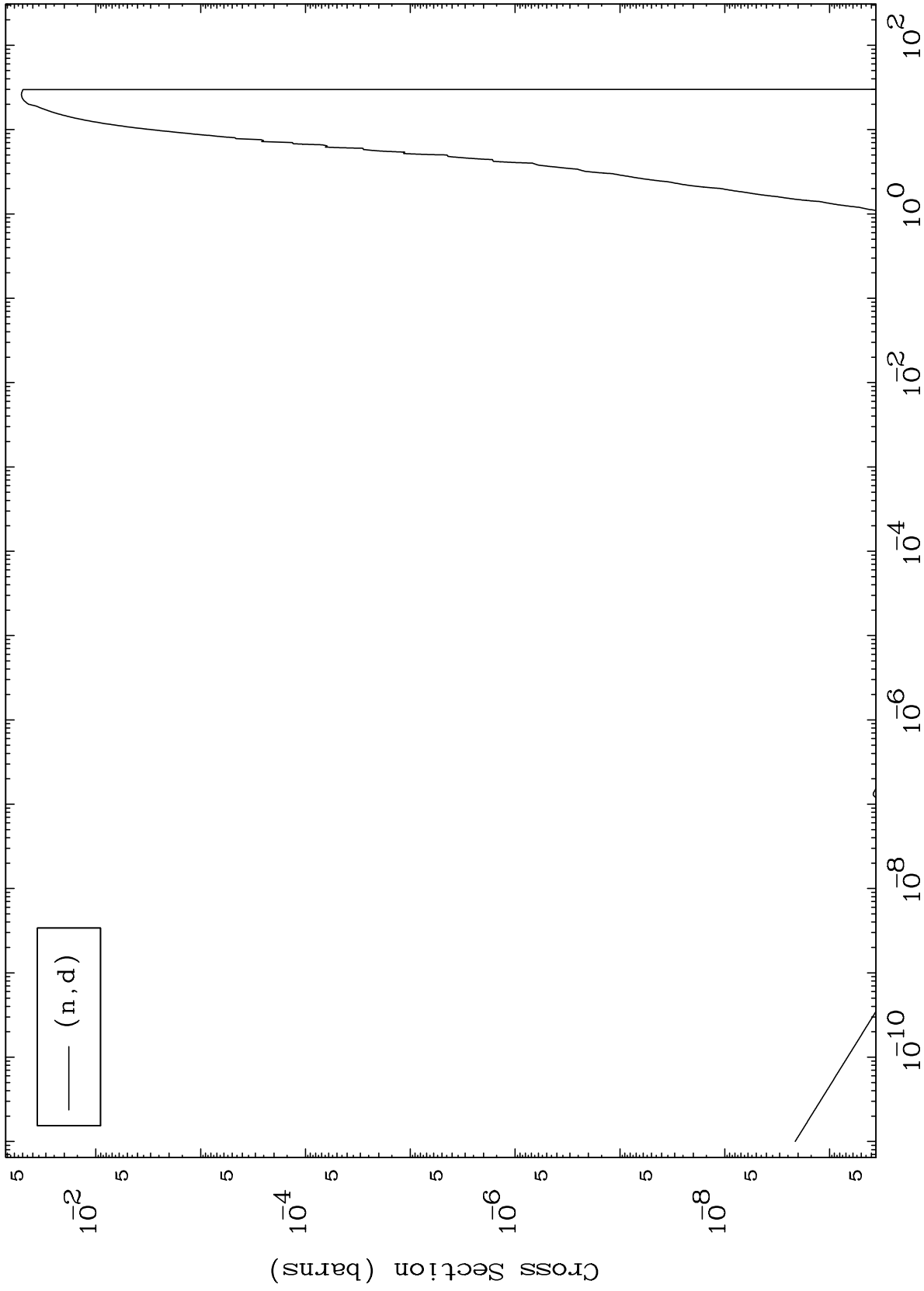
Incident Energy (MeV)

75-Re-165

MAT 7465

(n,d) Levels
293 Kelvin Cross Sections

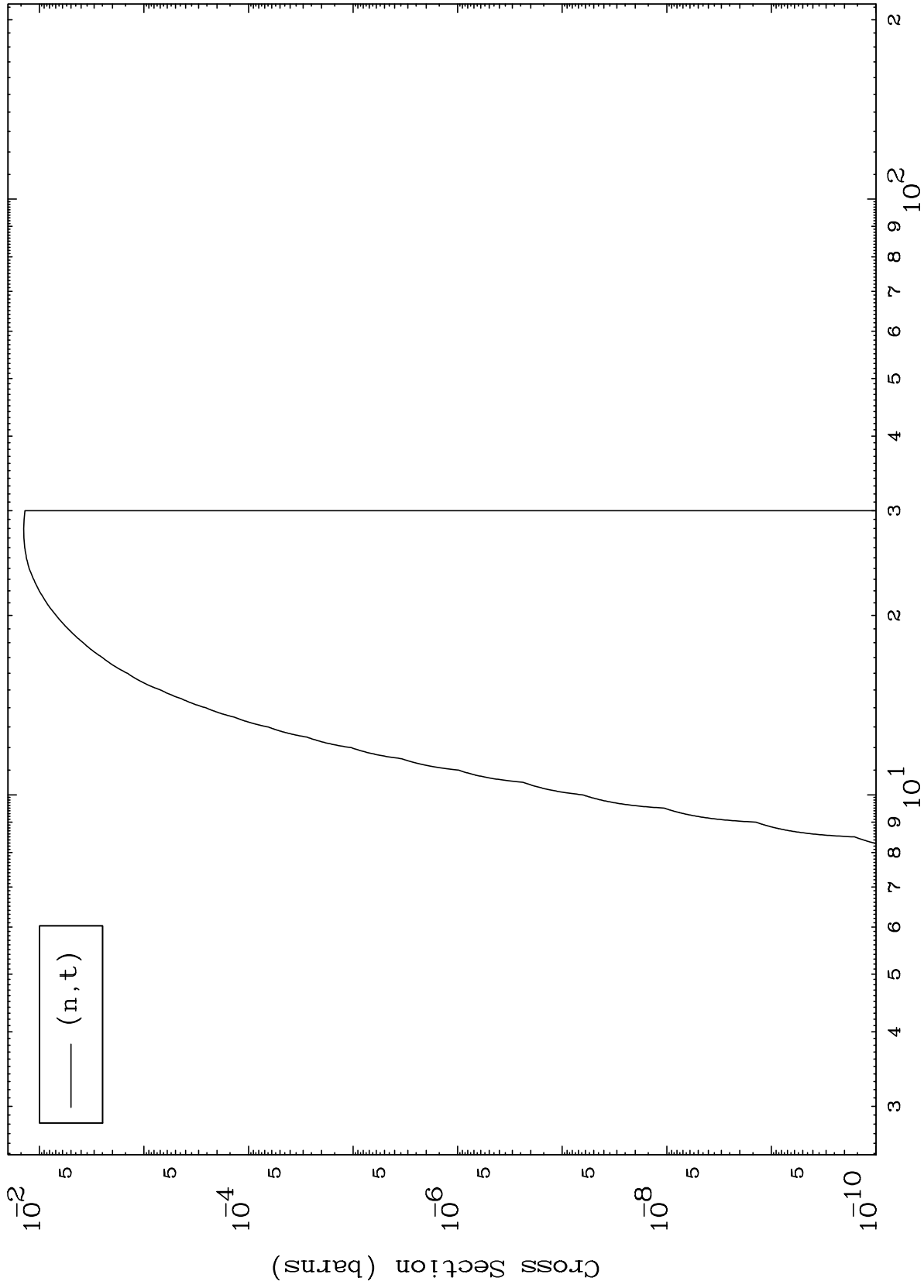
75-Re-165



MAT 7465

(n,t) Levels
293 Kelvin Cross Sections

75-Re-165



13

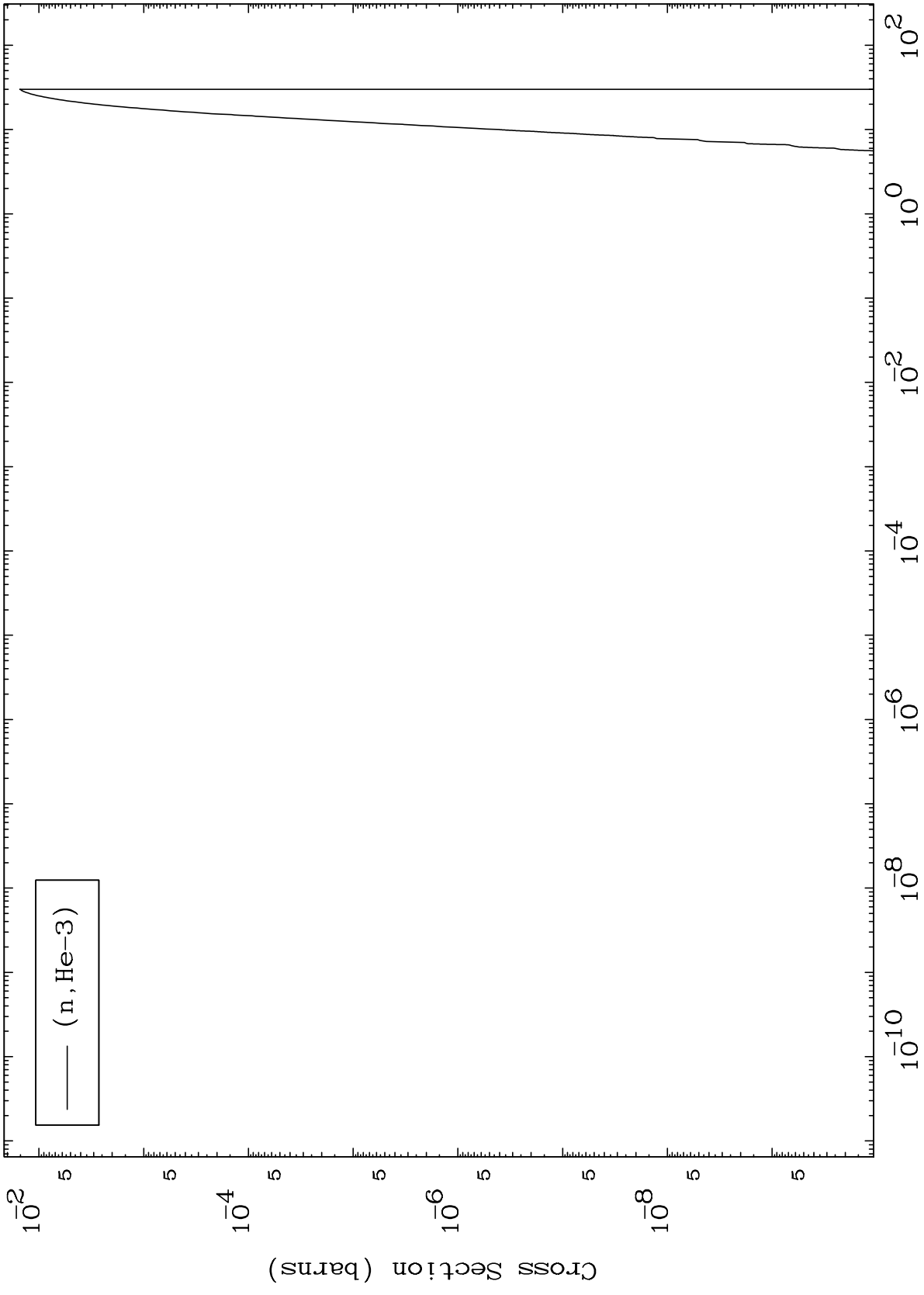
Incident Energy (MeV)

75-Re-165

MAT 7465

(n,He3) Levels
293 Kelvin Cross Sections

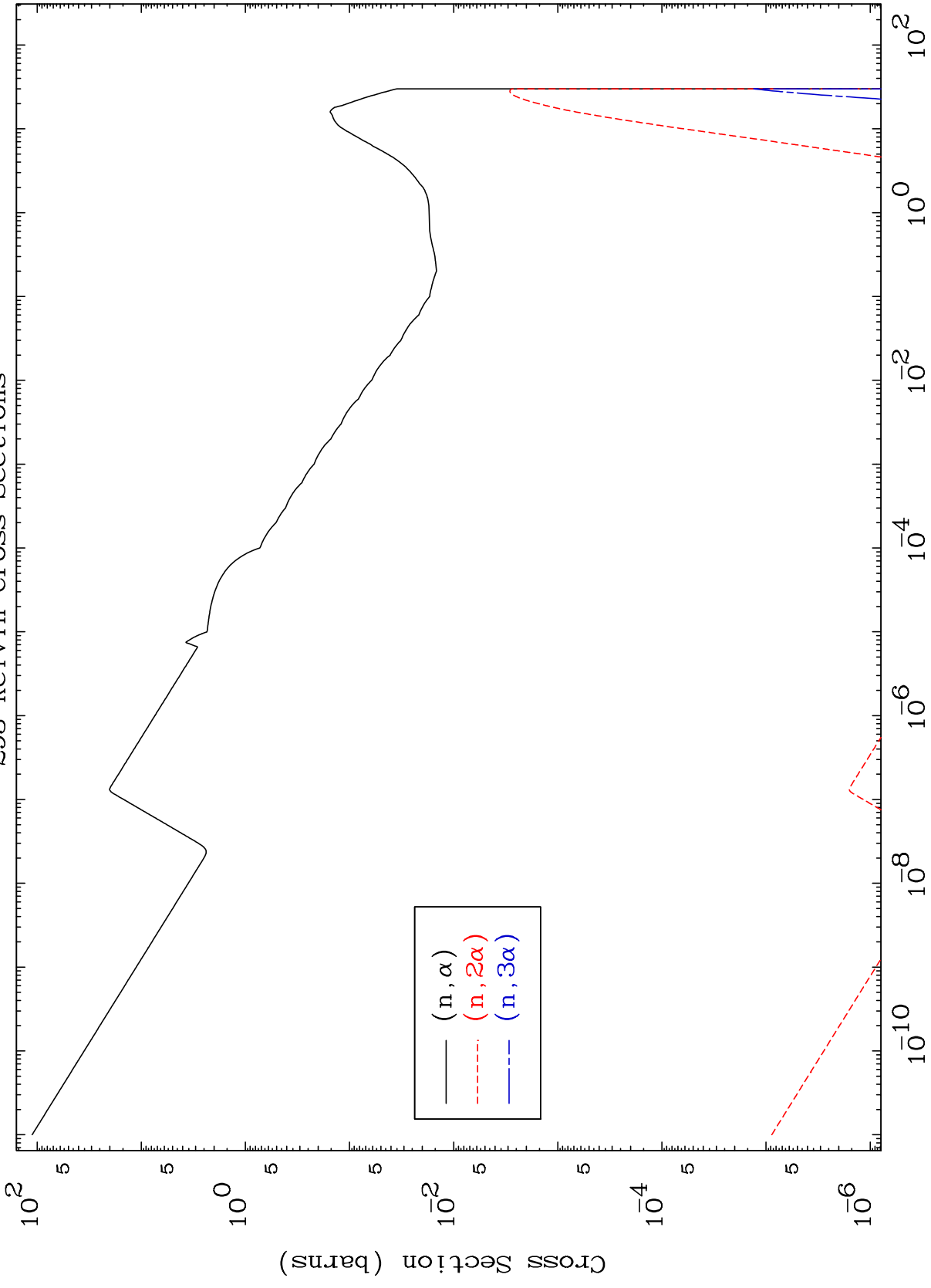
75-Re-165



MAT 7465

(n, α) Levels
293 Kelvin Cross Sections

75-Re-165



15

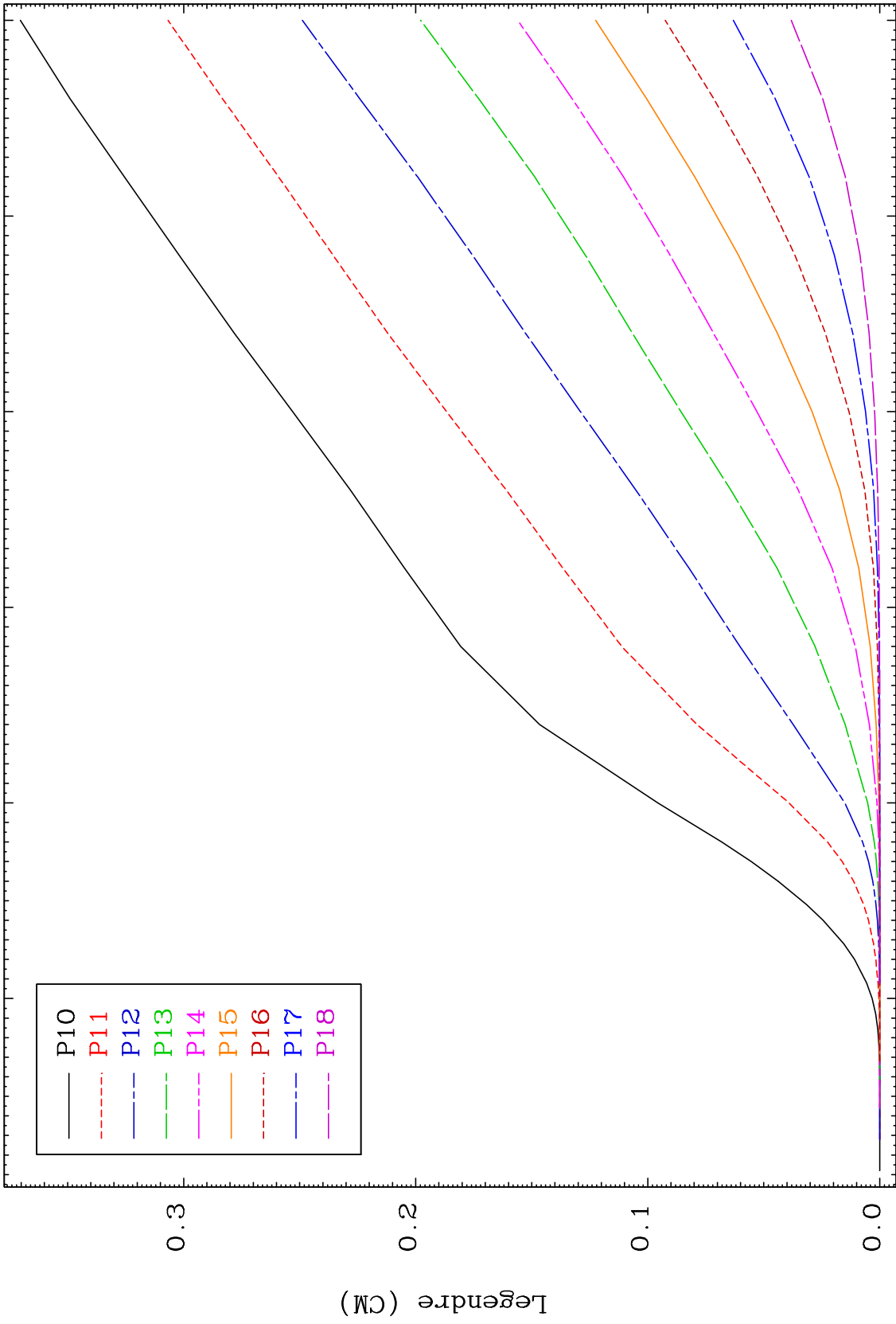
Incident Energy (MeV)

75-Re-165

MAT 7465

Elastic Legendre Coefficients

75-Re-165



17

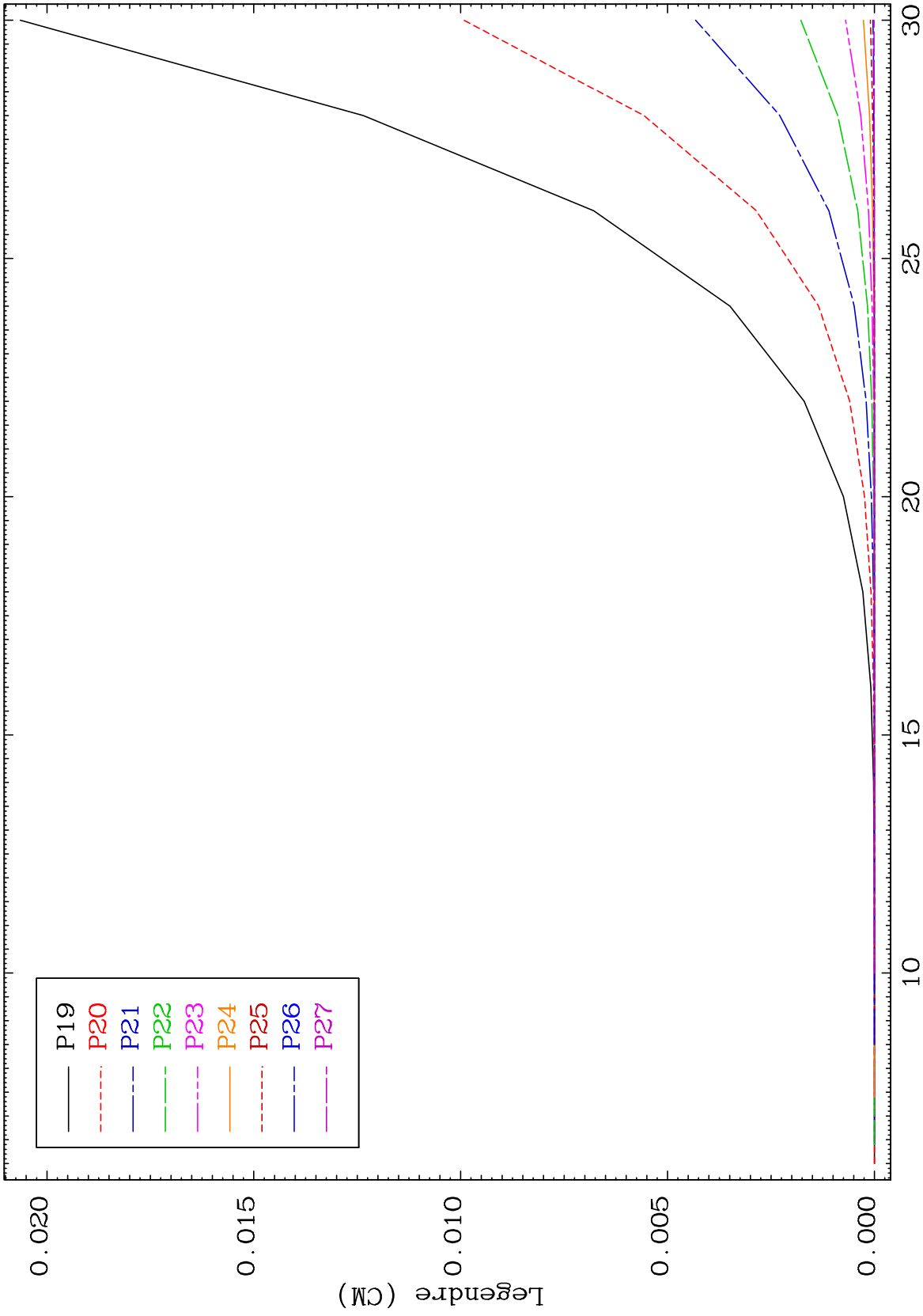
Incident Energy (MeV)

75-Re-165

MAT 7465

Elastic Legendre Coefficients

75-Re-165



18

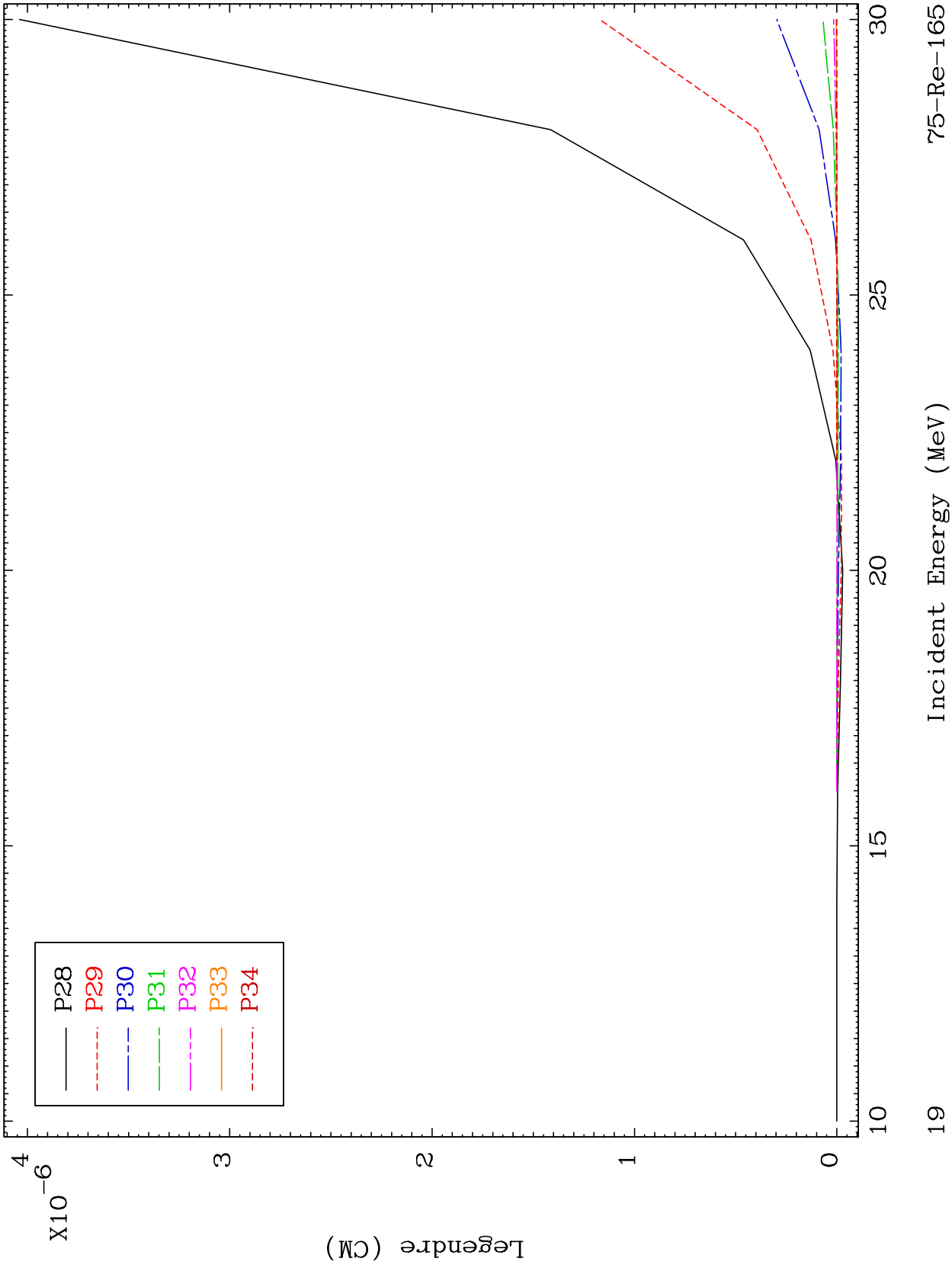
Incident Energy (MeV)

75-Re-165

MAT 7465

Elastic Legendre Coefficients

75-Re-165



19

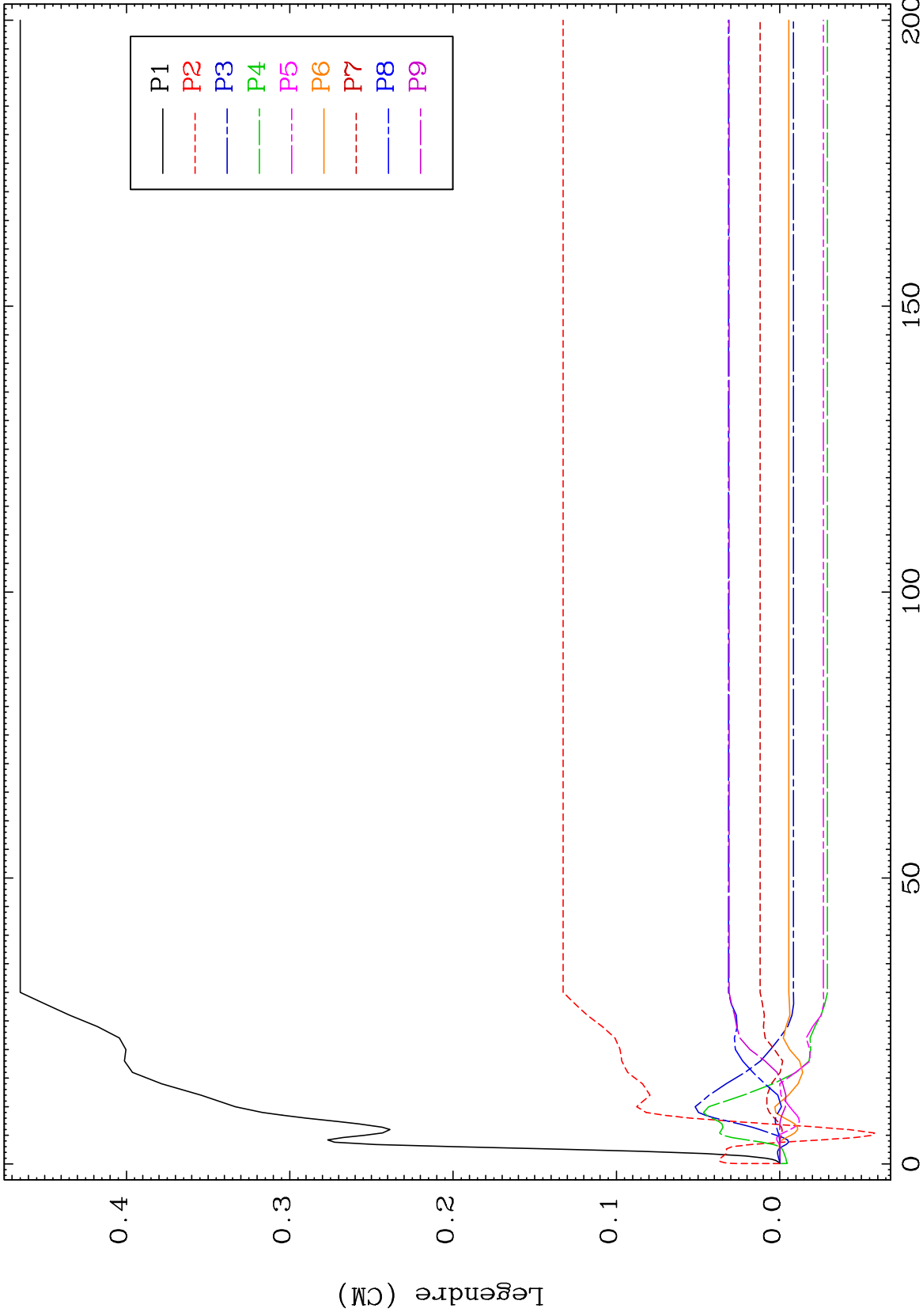
Incident Energy (MeV)

75-Re-165

MAT 7465

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

75-Re-165



75-Re-165

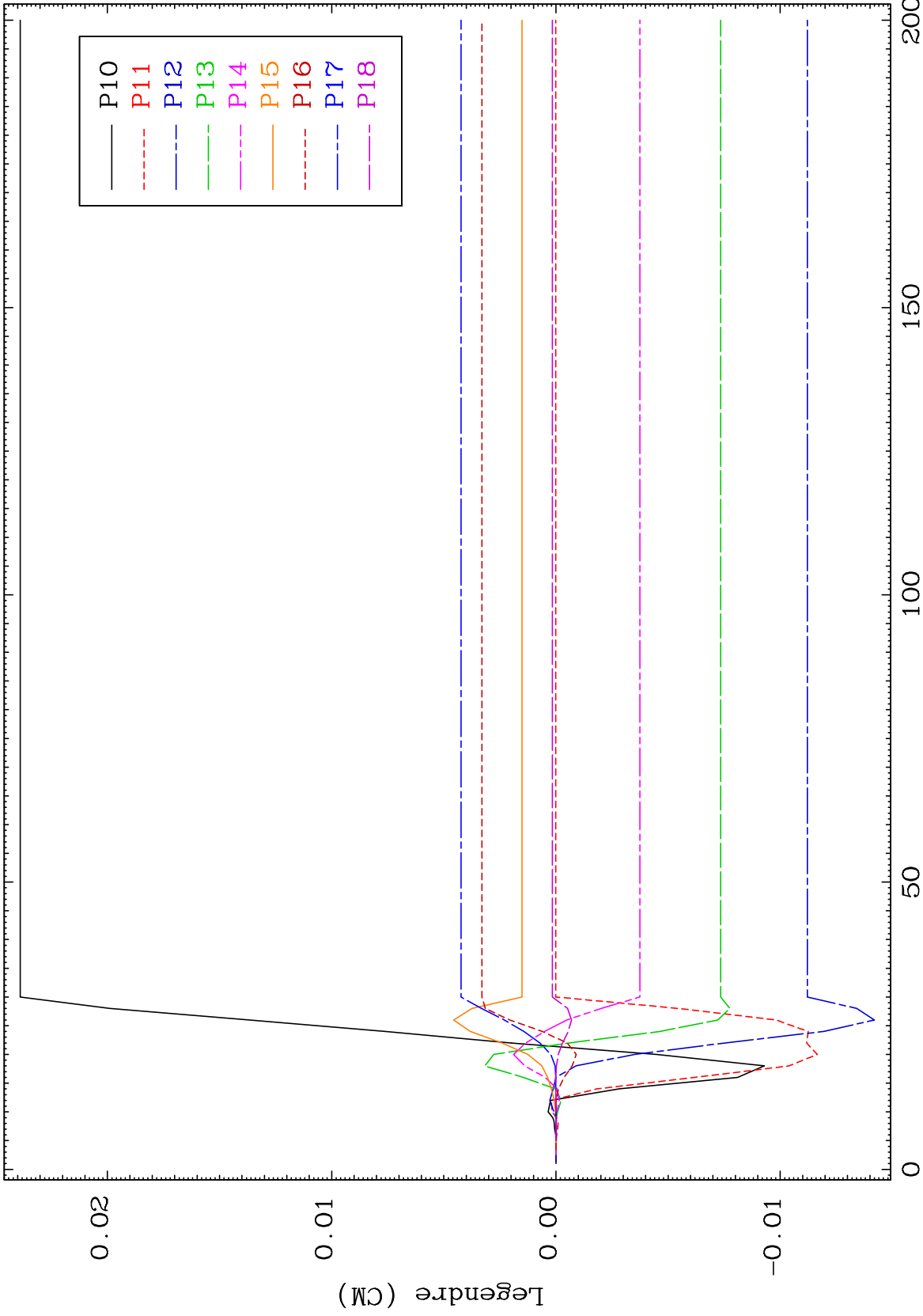
Incident Energy (MeV)

20

MAT 7465

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

75-Re-165



21

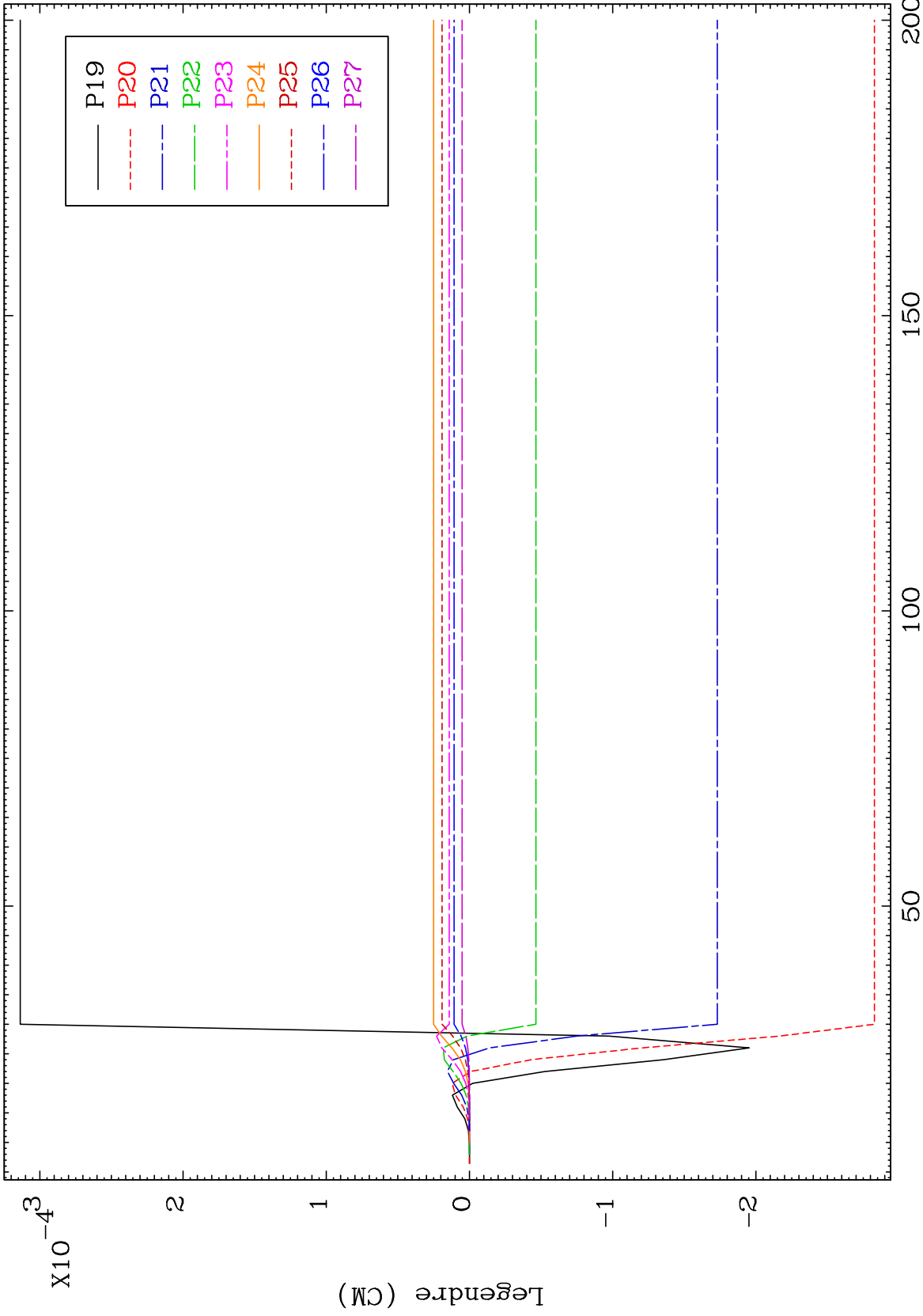
Incident Energy (MeV)

75-Re-165

MAT 7465

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

75-Re-165



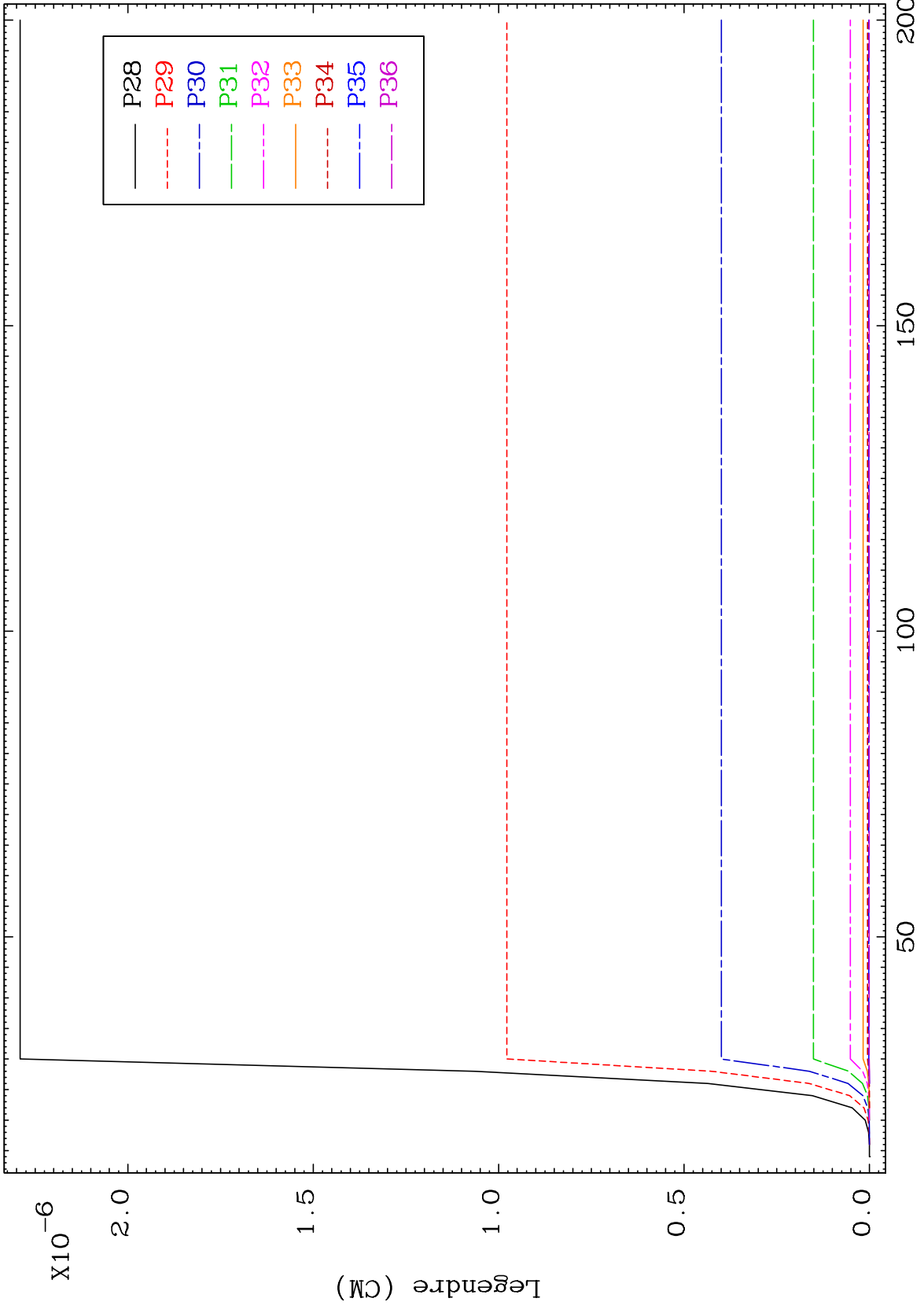
22

75-Re-165

MAT 7465

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

75-Re-165



23

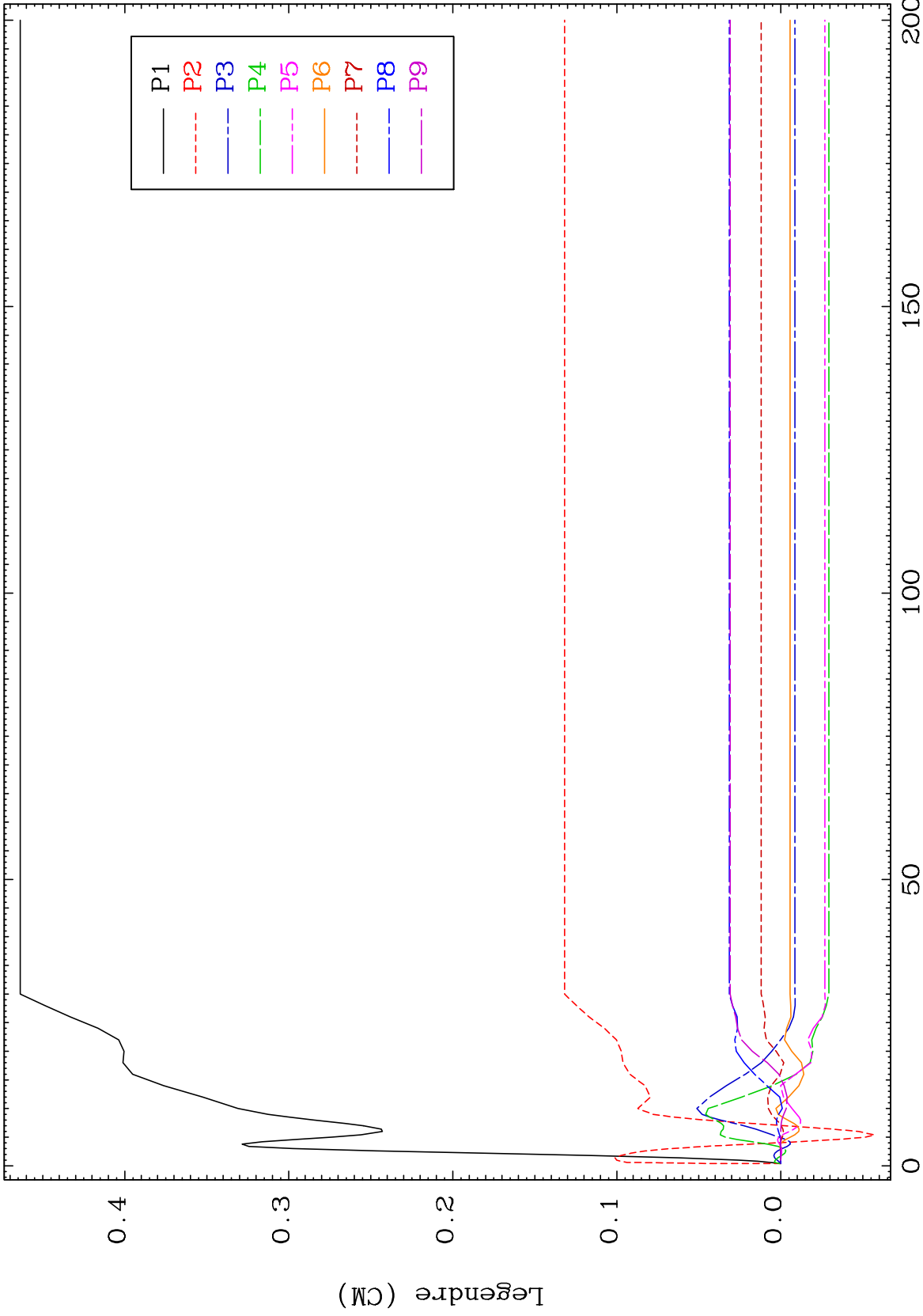
Incident Energy (MeV)

75-Re-165

MAT 7465

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

75-Re-165



24

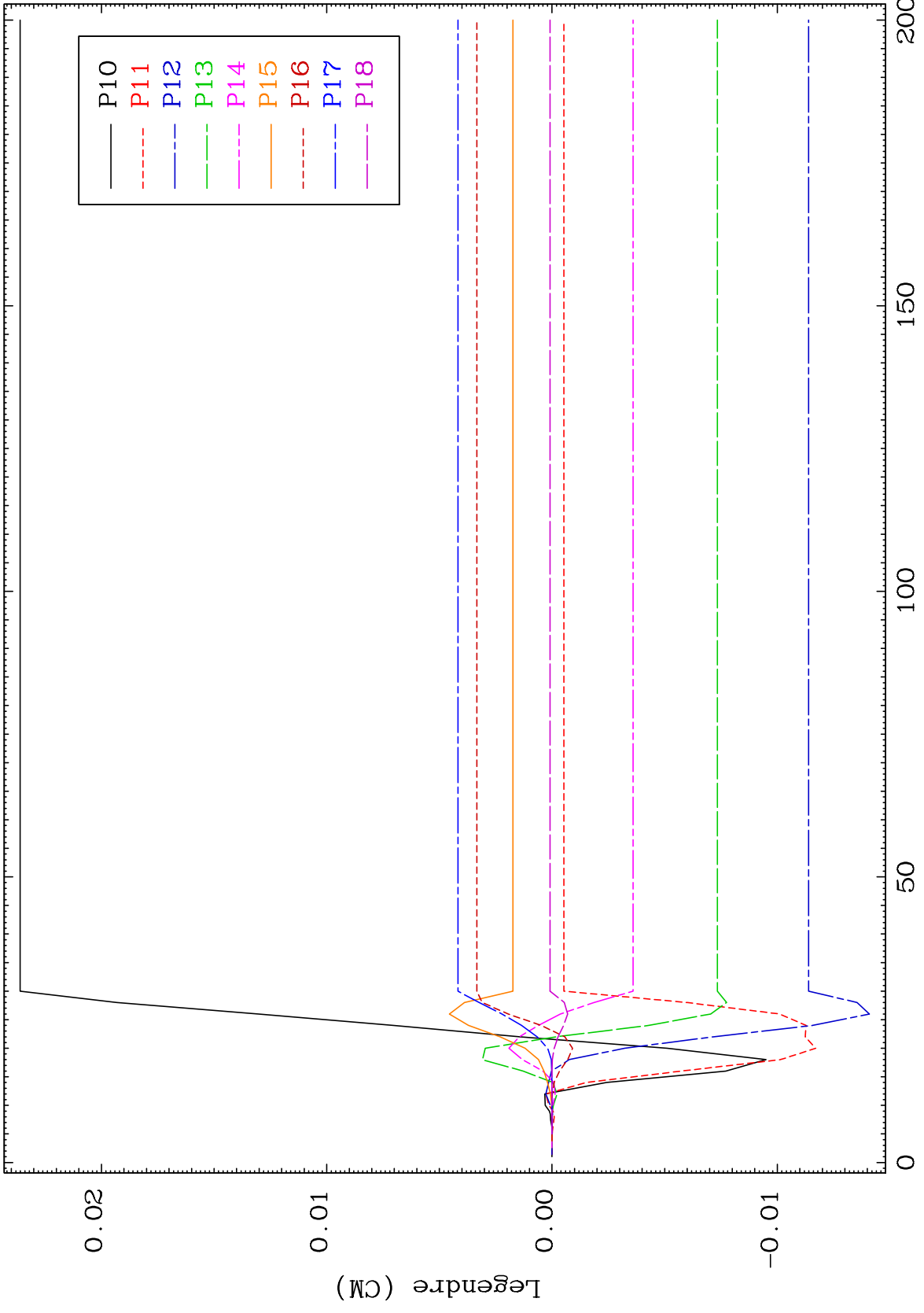
Incident Energy (MeV)

75-Re-165

MAT 7465

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

75-Re-165



25

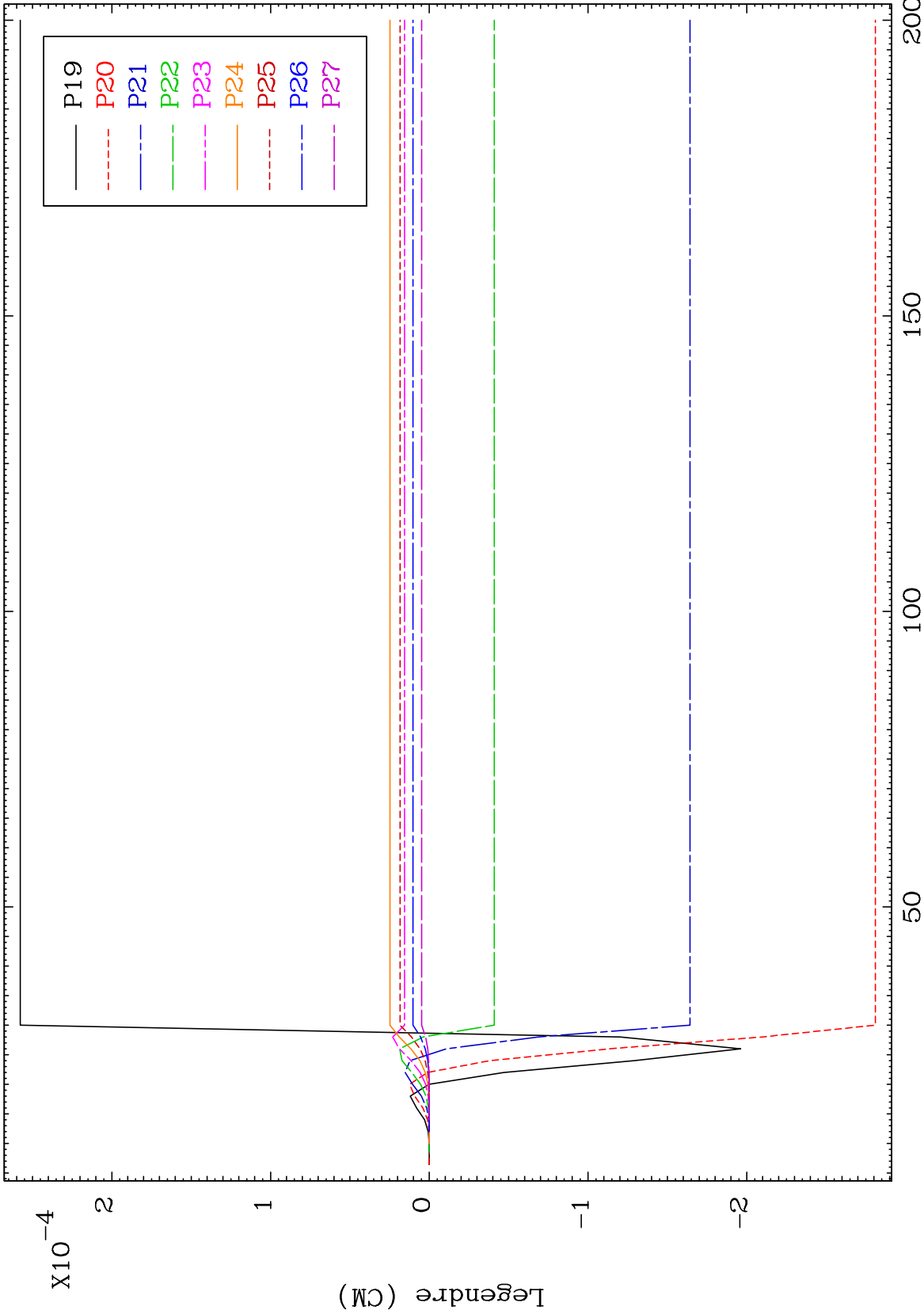
Incident Energy (MeV)

75-Re-165

MAT 7465

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

75-Re-165



26

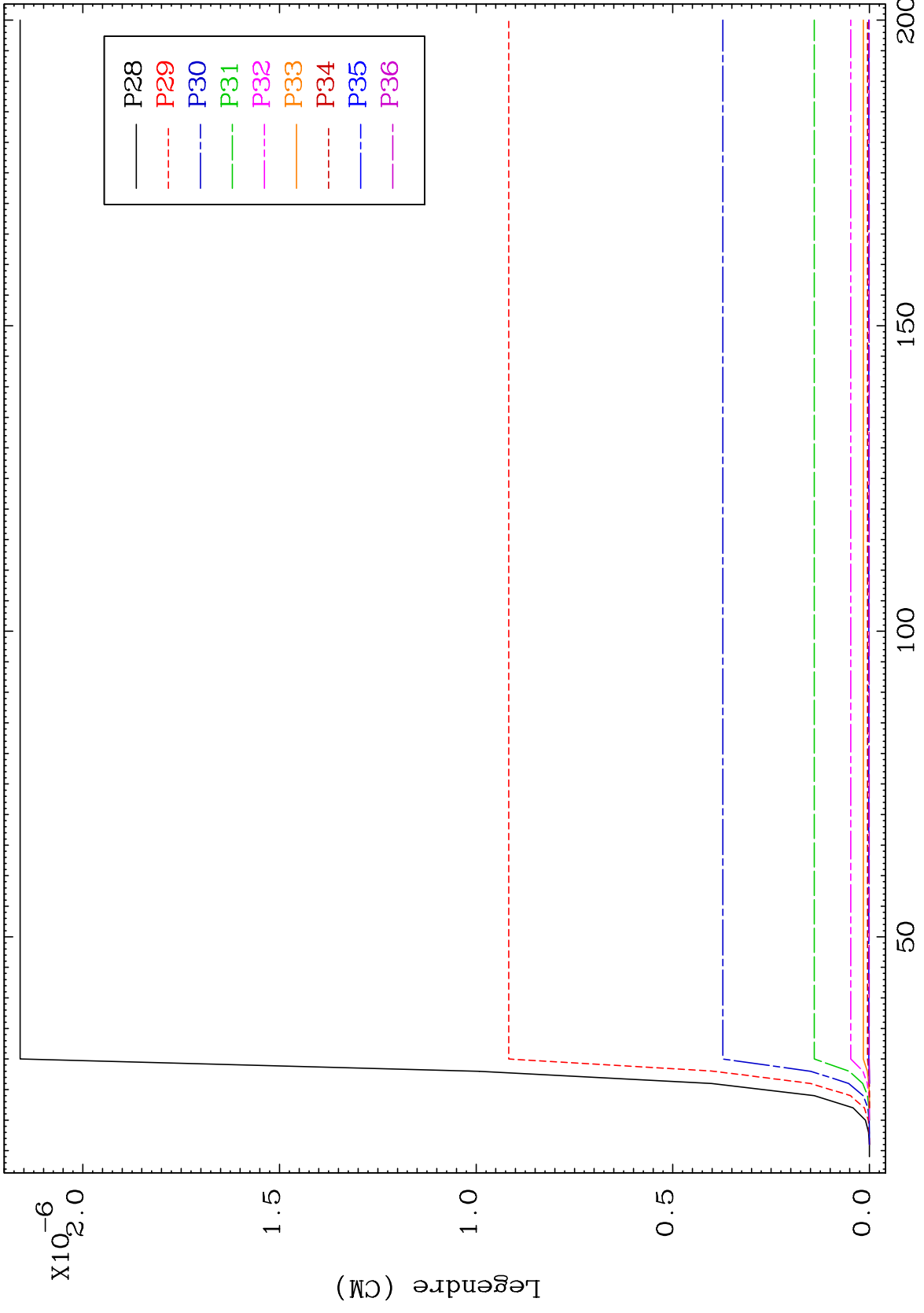
Incident Energy (MeV)

75-Re-165

MAT 7465

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

75-Re-165



27

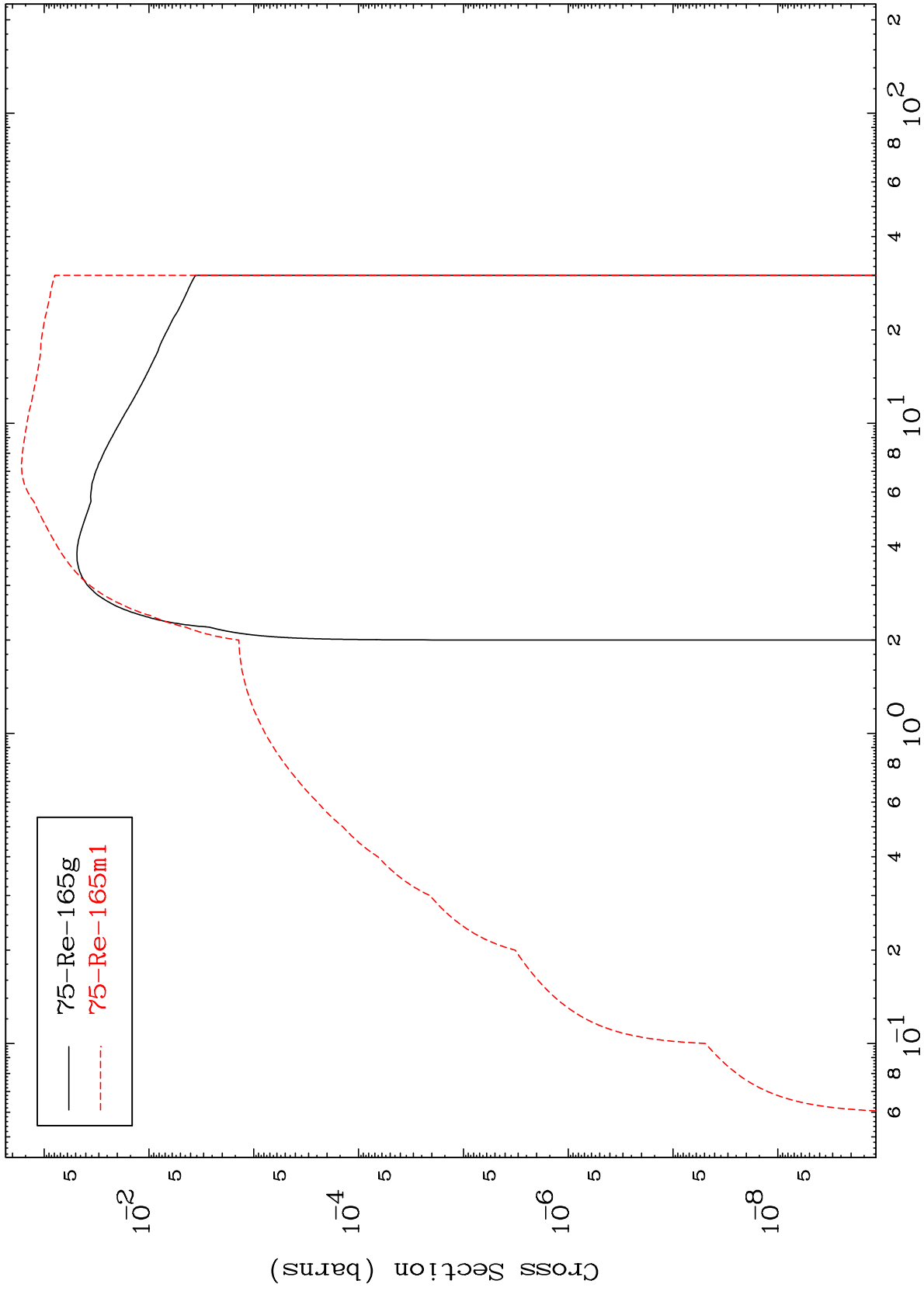
Incident Energy (MeV)

75-Re-165

MAT 7465

Inelastic
Radionuclide Production Cross Section

75-Re-165



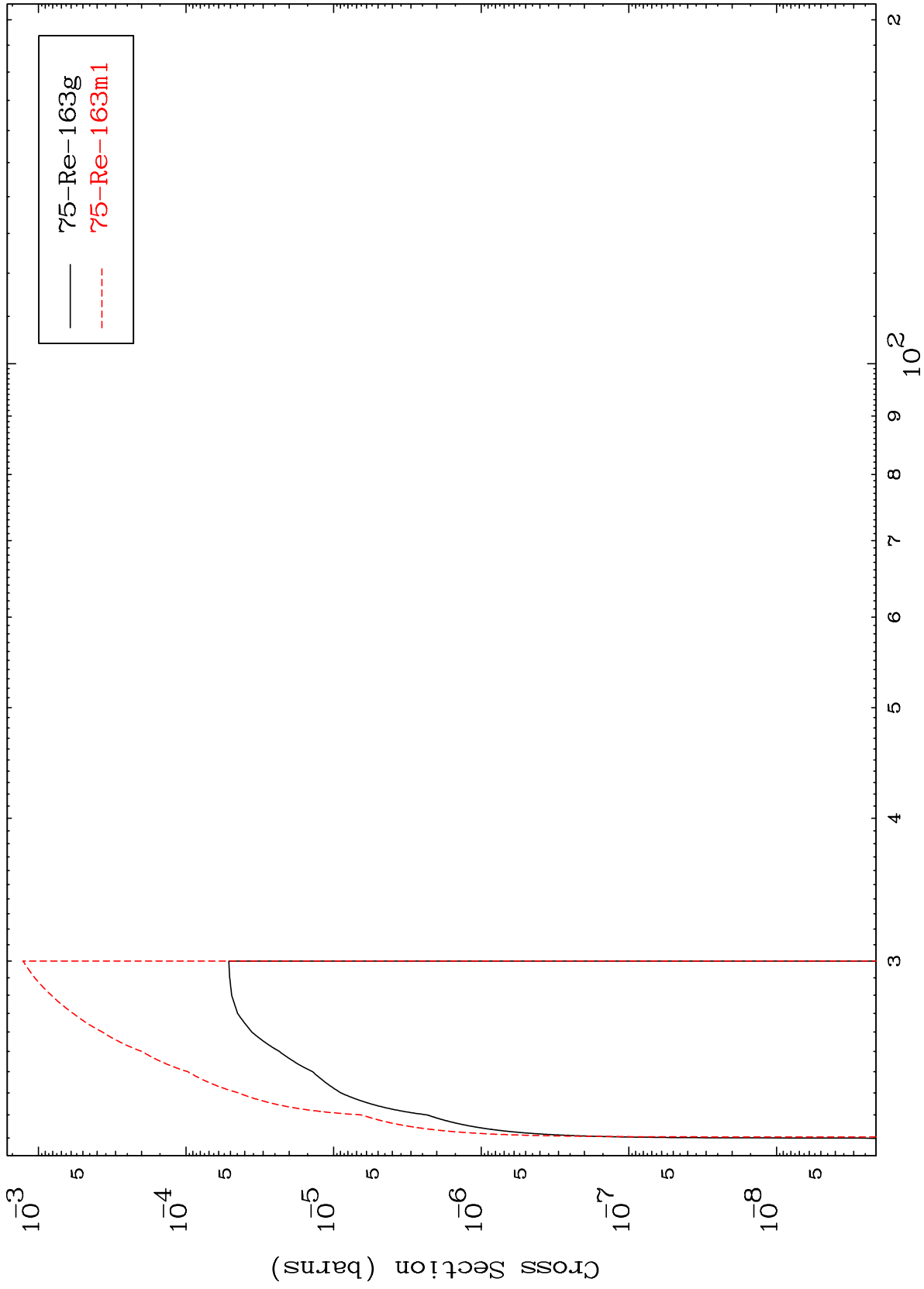
28

75-Re-165

MAT 7465

75-Re-165

(n,3n)
Radionuclide Production Cross Section



29

Incident Energy (MeV)

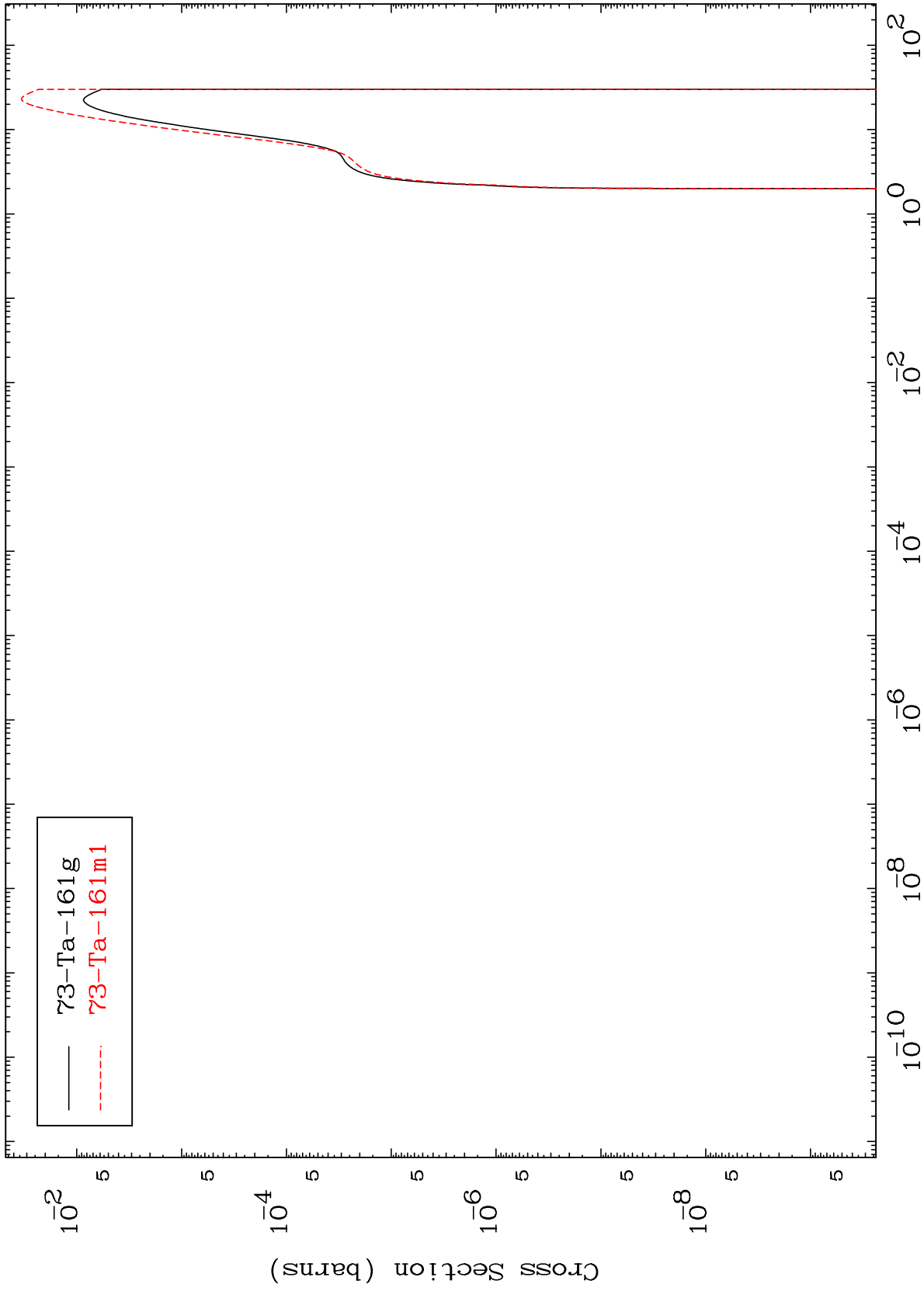
75-Re-165

MAT 7465

(n,n') α

⁷⁵Re-¹⁶⁵

Radionuclide Production Cross Section



30

Incident Energy (MeV)

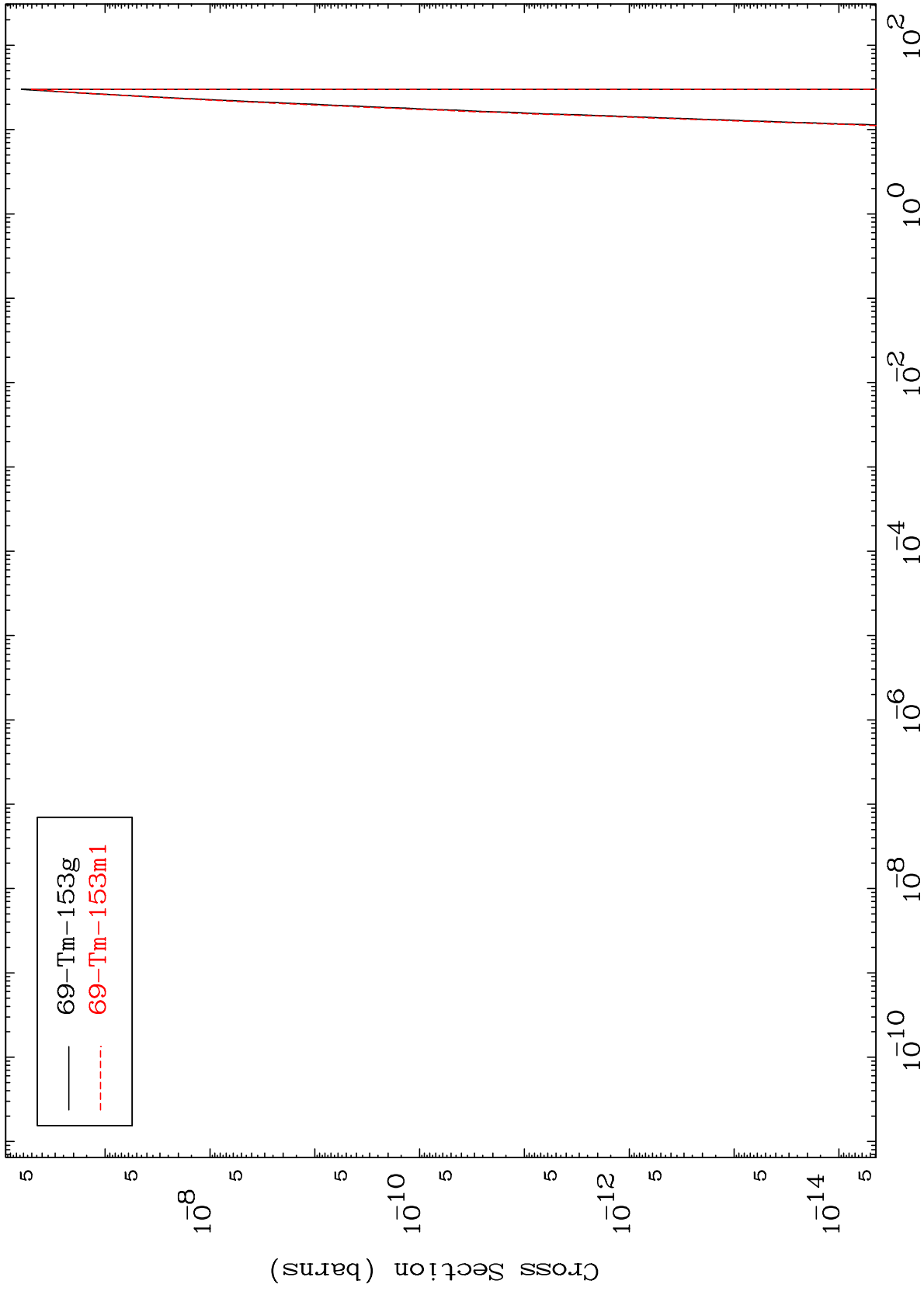
⁷⁵Re-¹⁶⁵

MAT 7465

(n,n') 3 α

75-Re-165

Radionuclide Production Cross Section



31

Incident Energy (MeV)

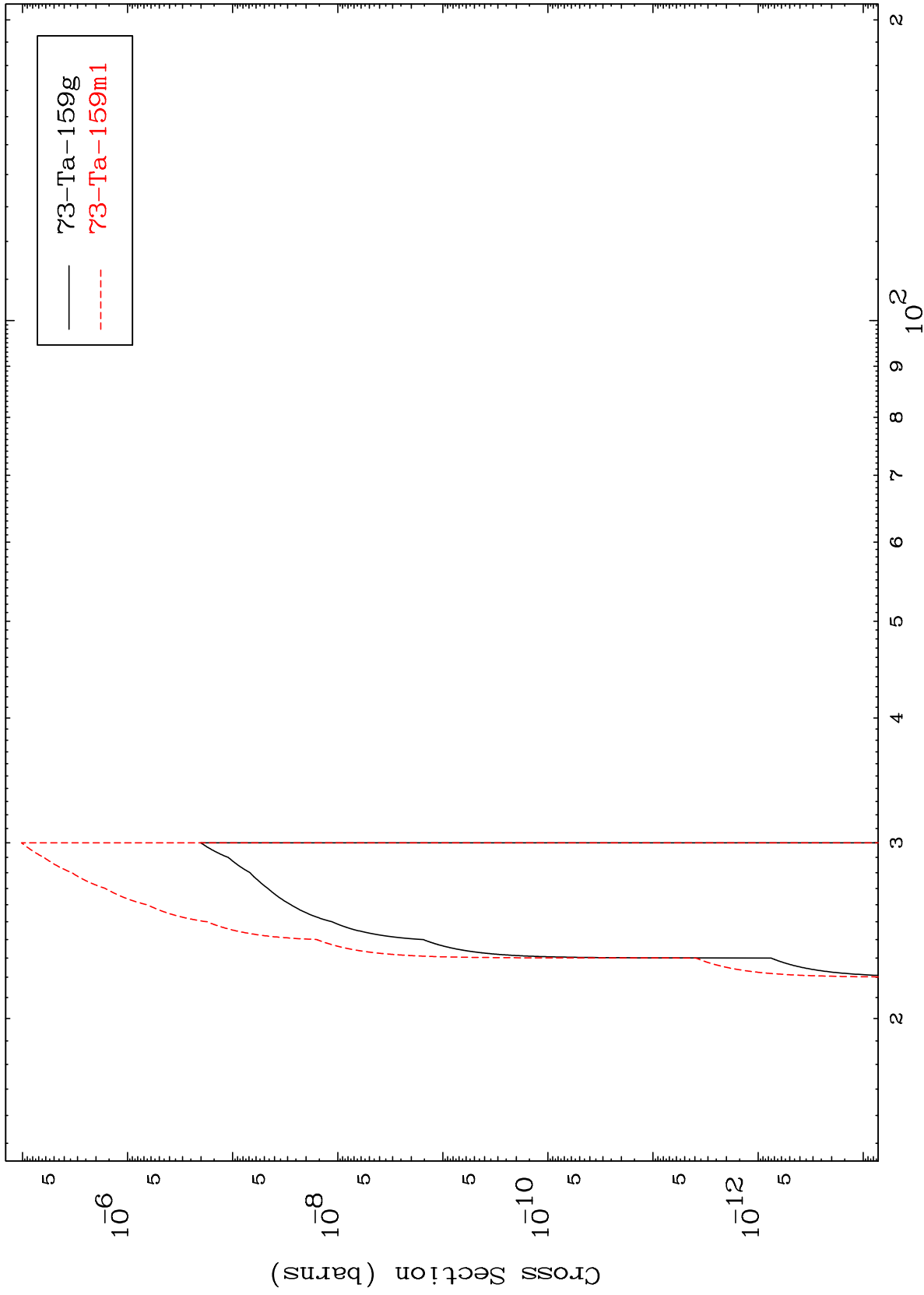
75-Re-165

MAT 7465

(n,3n) α

75-Re-165

Radionuclide Production Cross Section



32

Incident Energy (MeV)

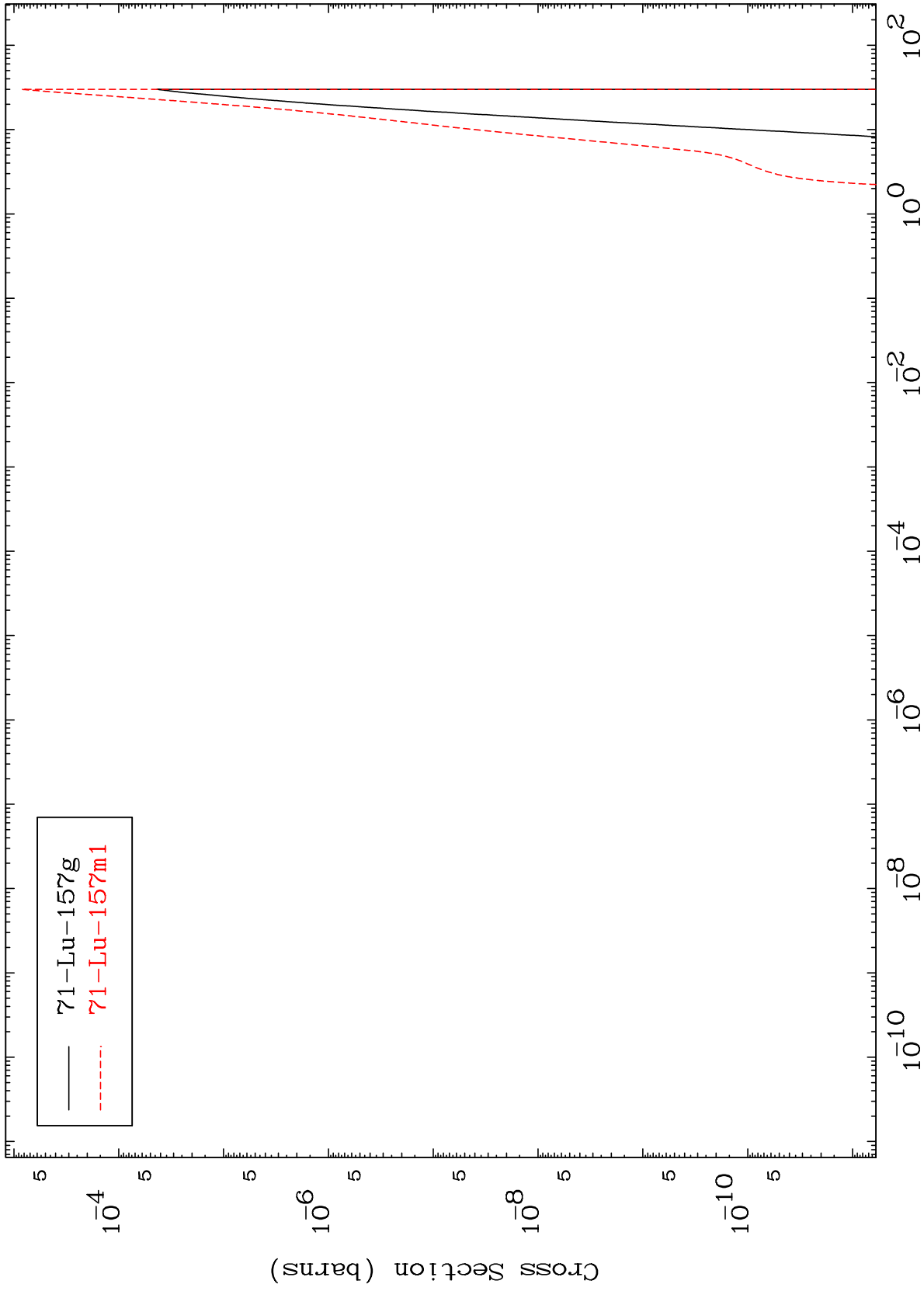
75-Re-165

MAT 7465

(n,n') 2 α

75-Re-165

Radionuclide Production Cross Section



33

Incident Energy (MeV)

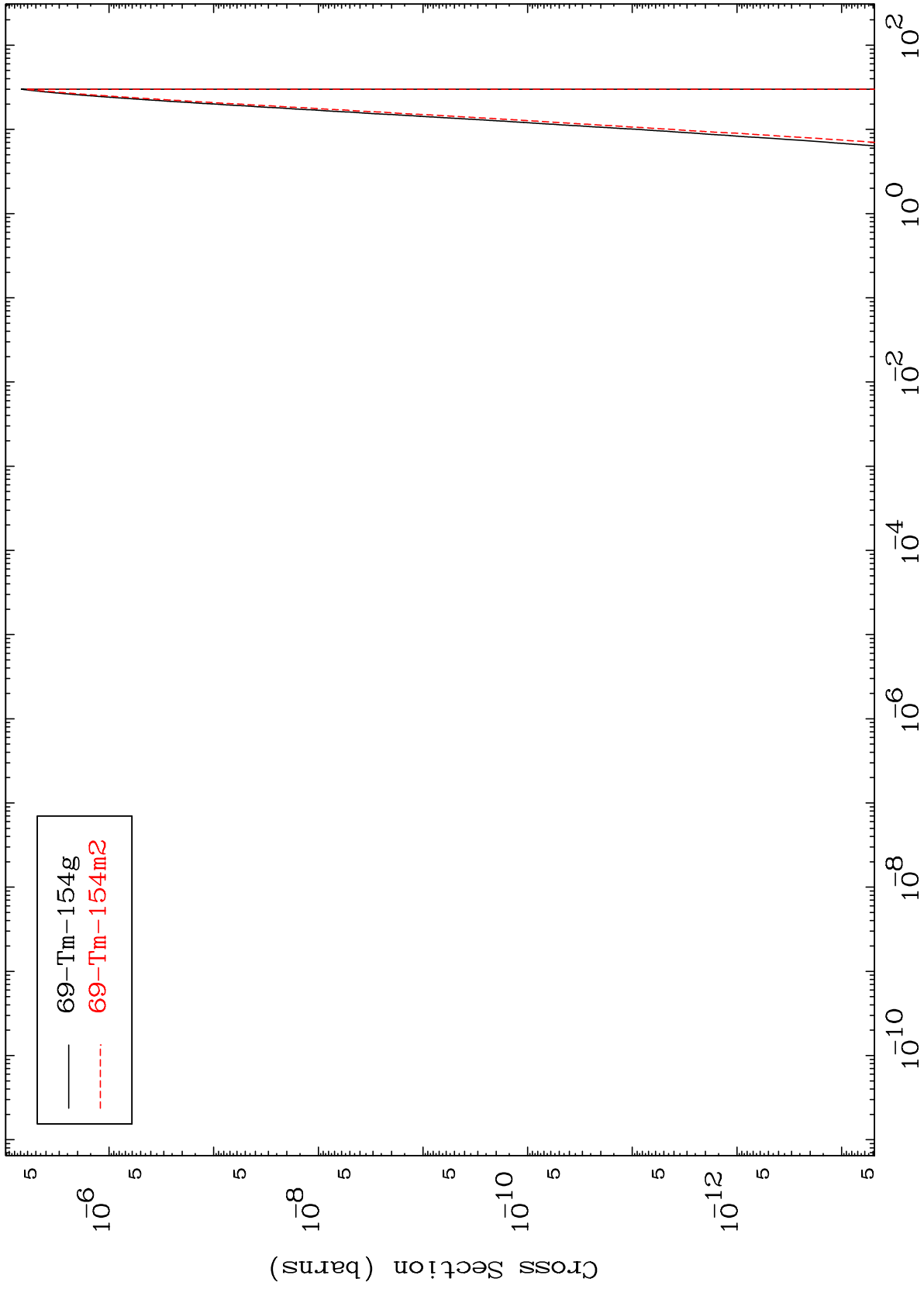
75-Re-165

MAT 7465

(n,3α)

75-Re-165

Radionuclide Production Cross Section



34

Incident Energy (MeV)

75-Re-165