

Program EVALPLOT
(Version 2018-1)

by

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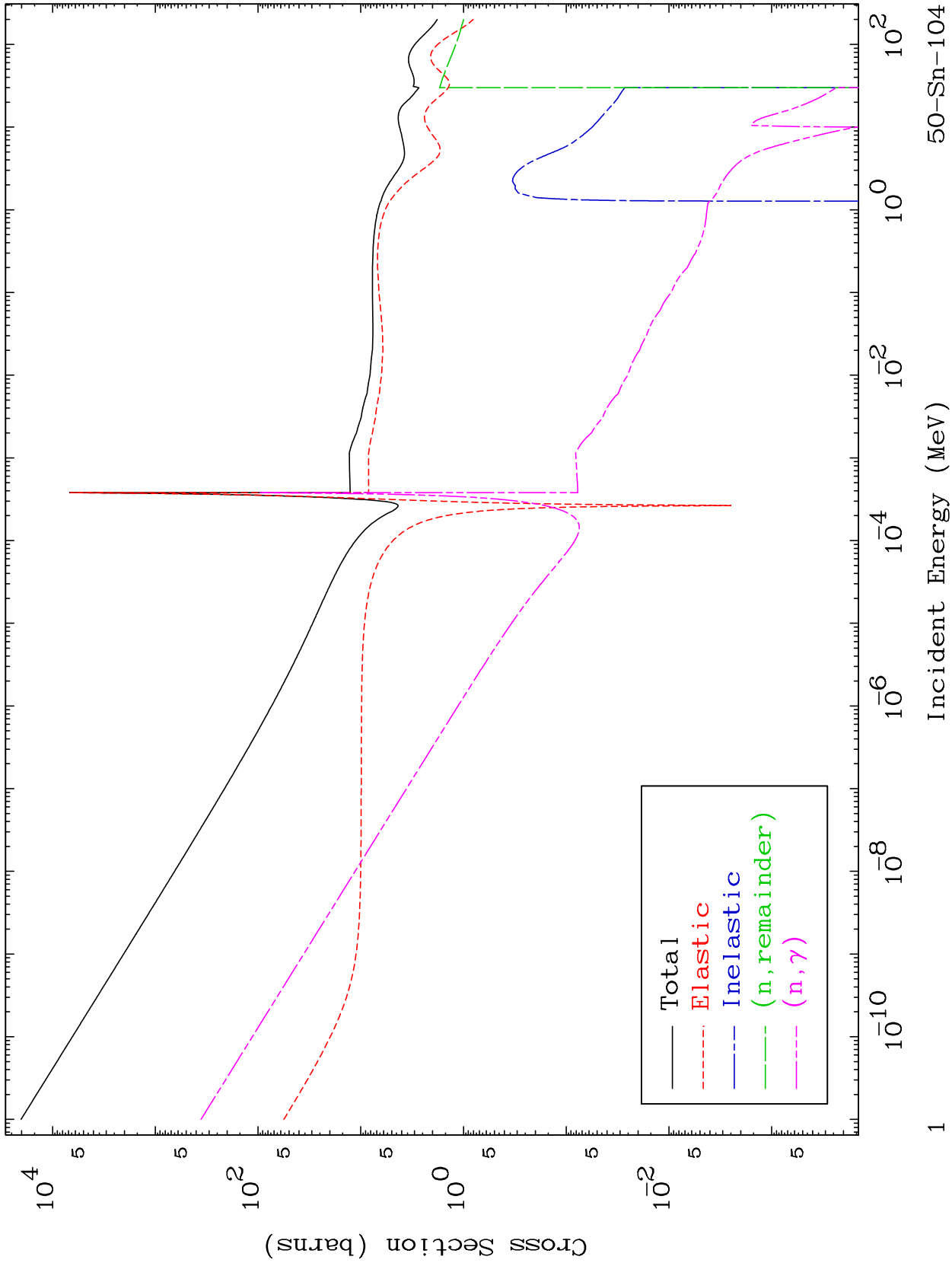
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5001

Major
293 Kelvin Cross Sections

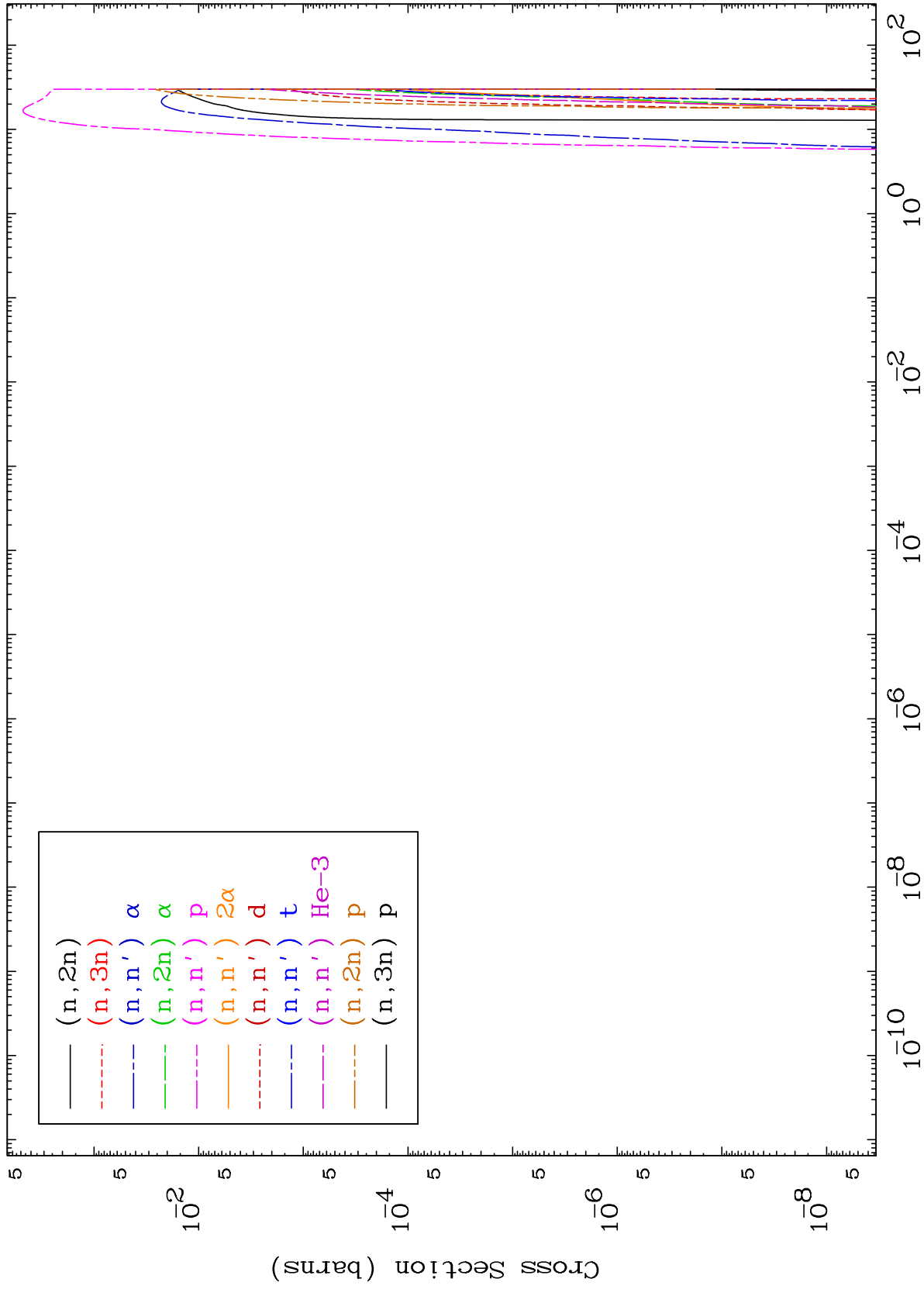
50-Sn-104



MAT 5001

Neutron Production
293 Kelvin Cross Sections

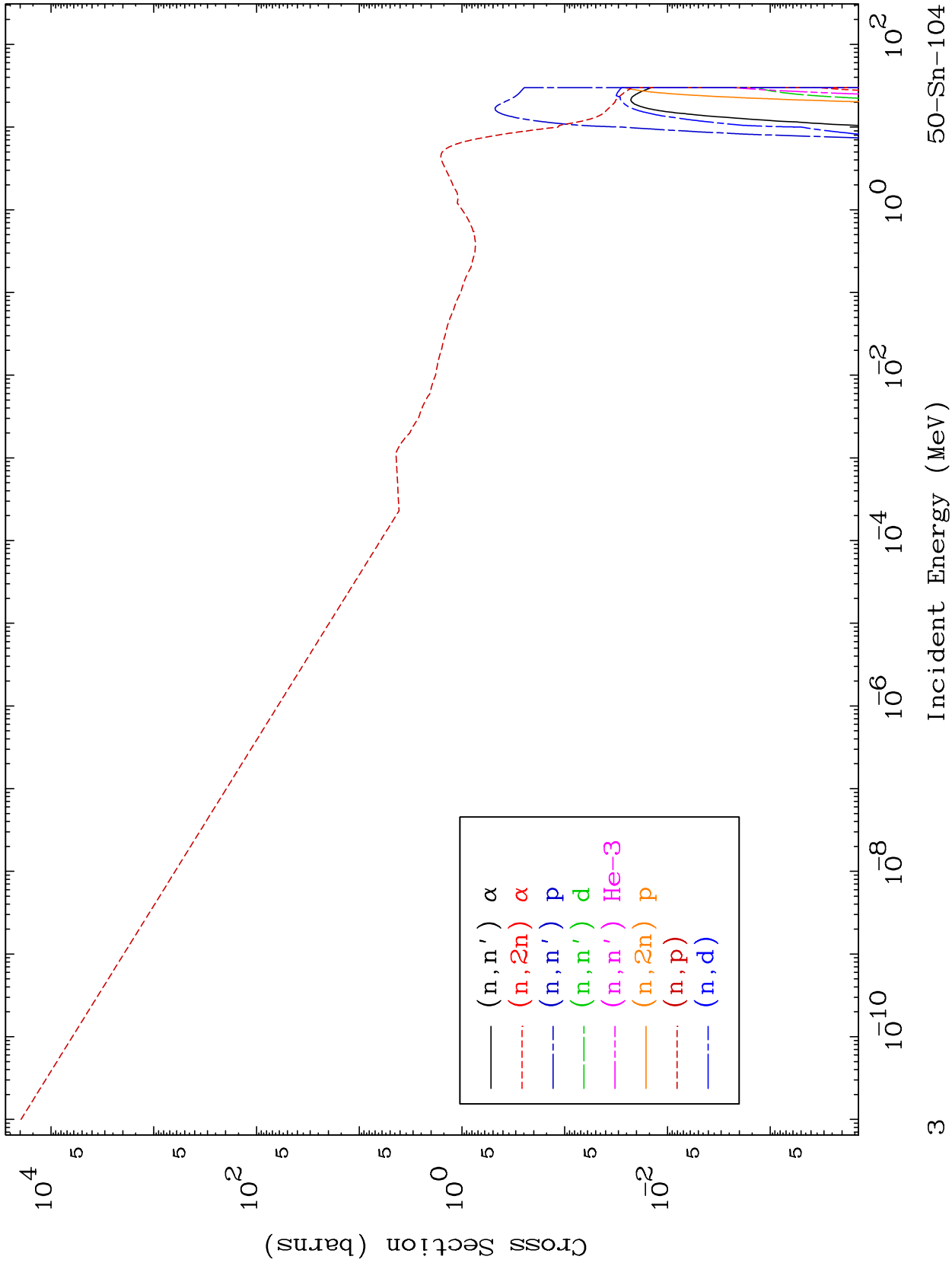
50-Sn-104

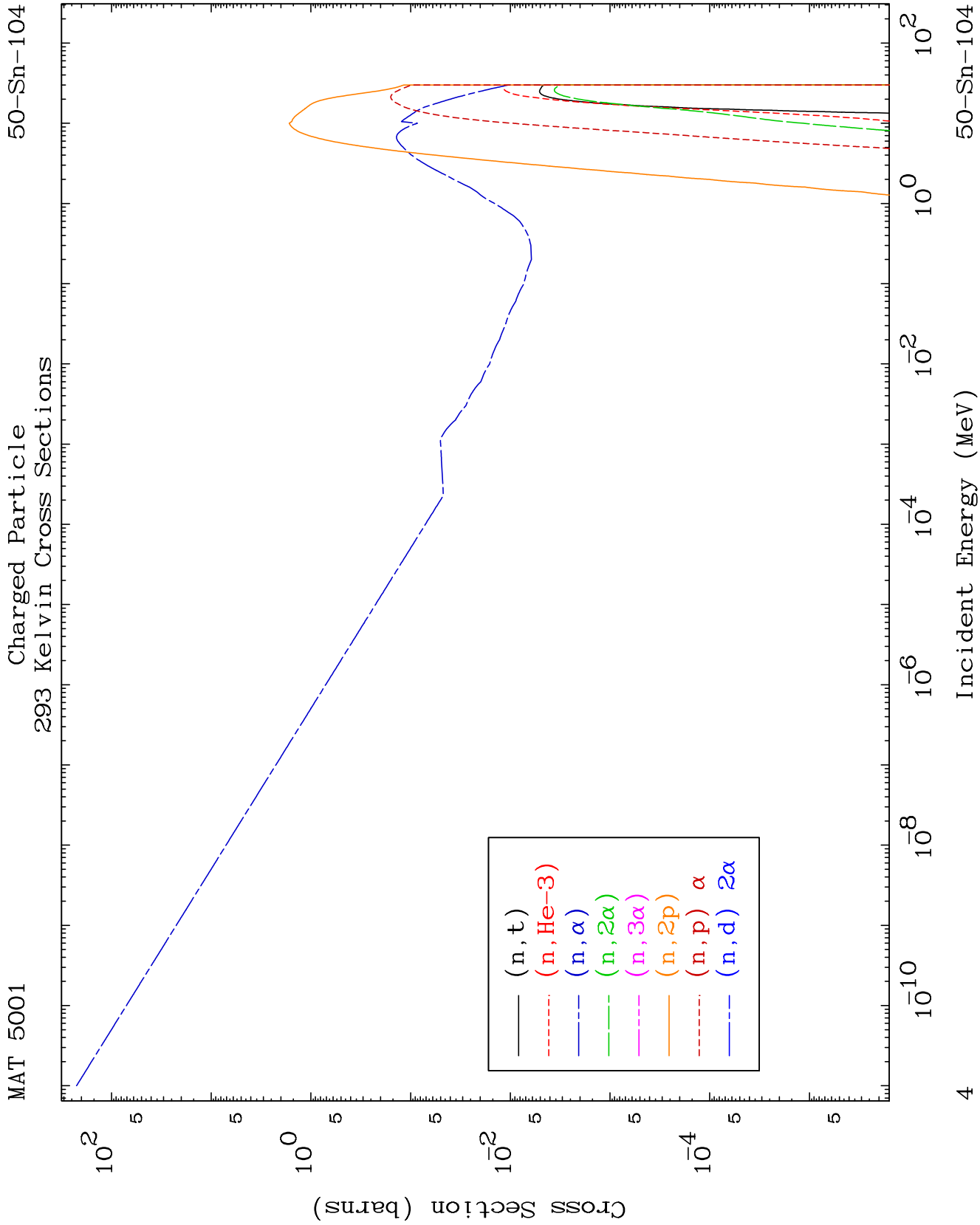


MAT 5001

293 Kelvin Cross Sections

50-Sn-104

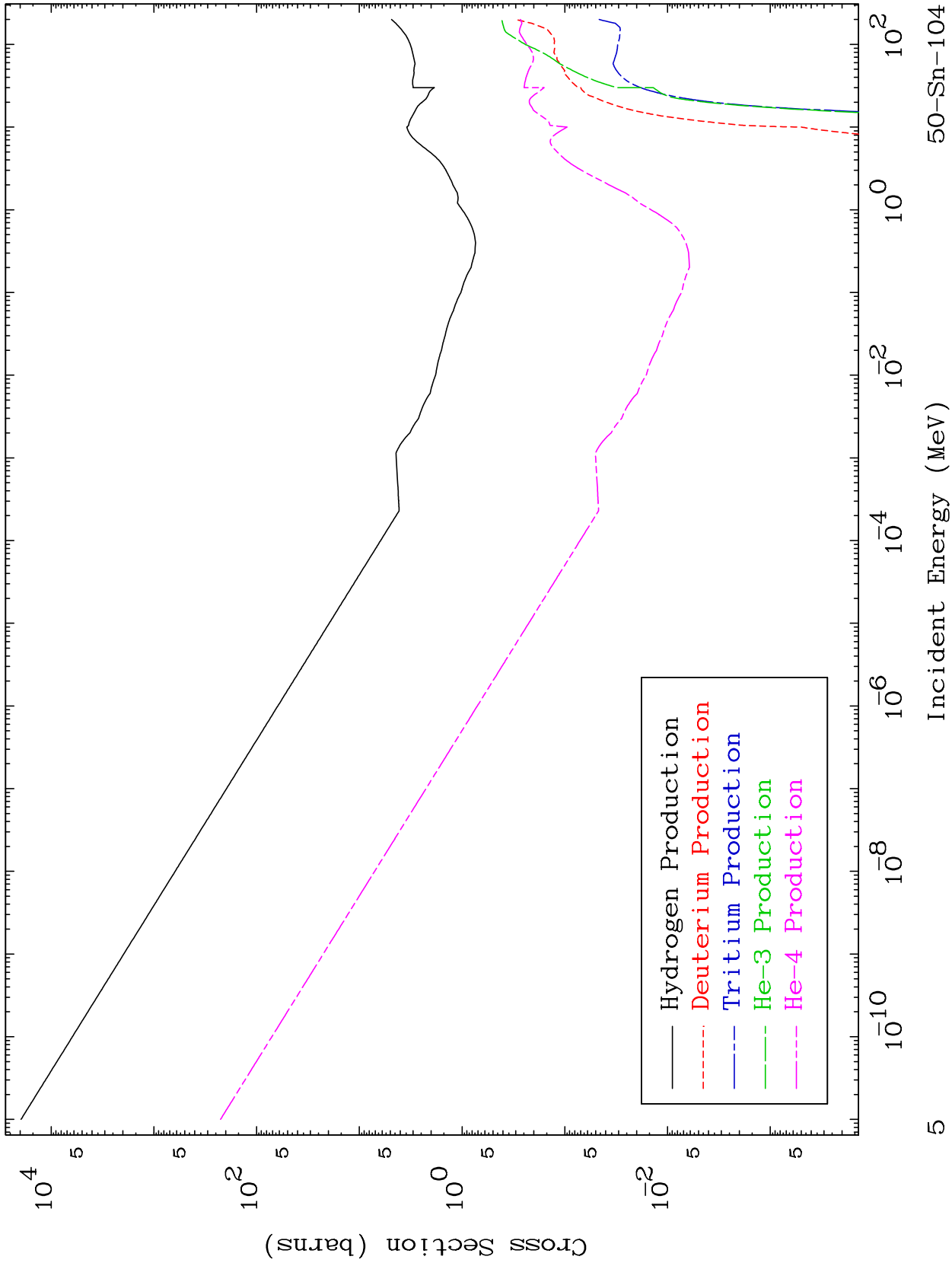


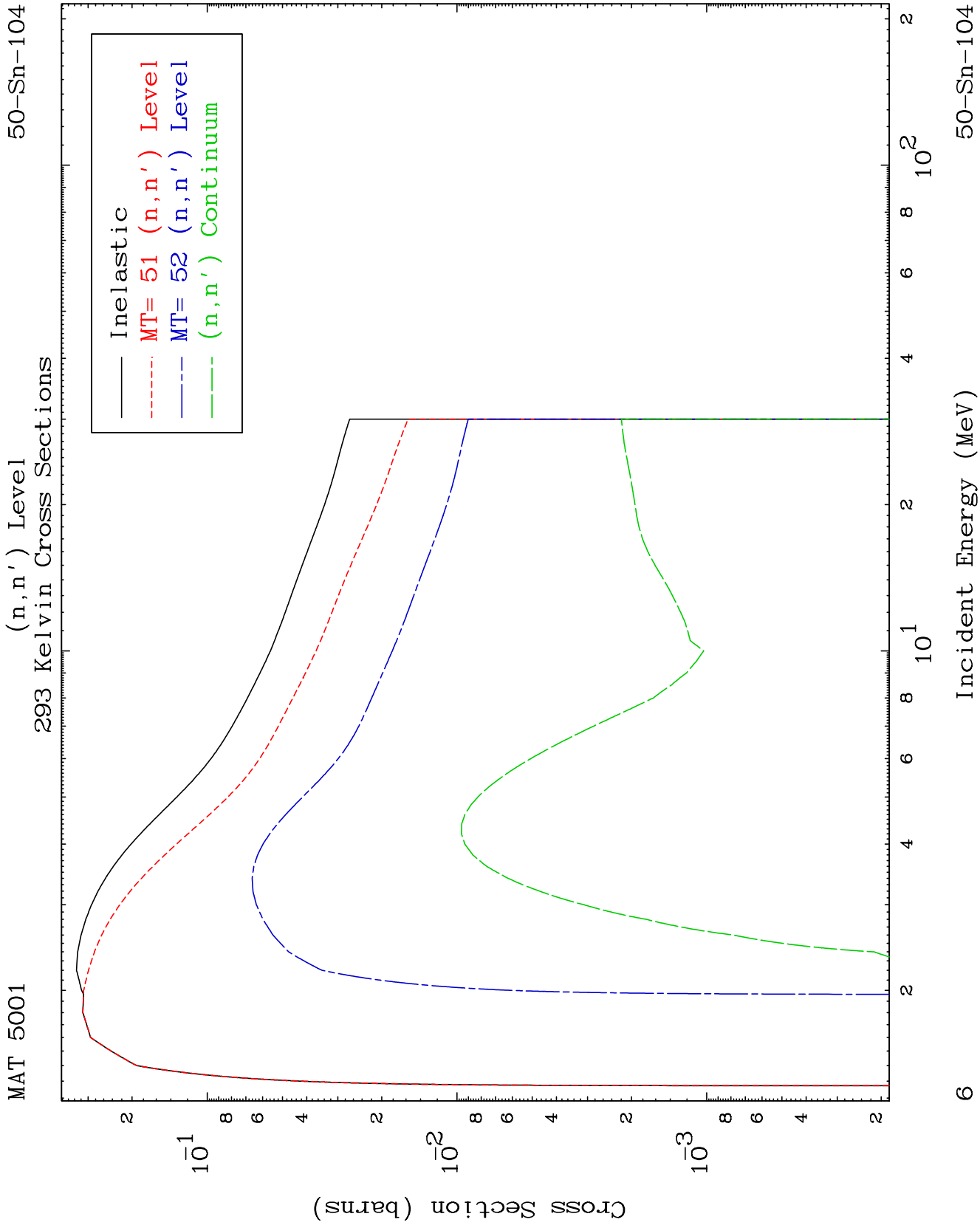


MAT 5001

Particle Production
293 Kelvin Cross Sections

50-Sn-104

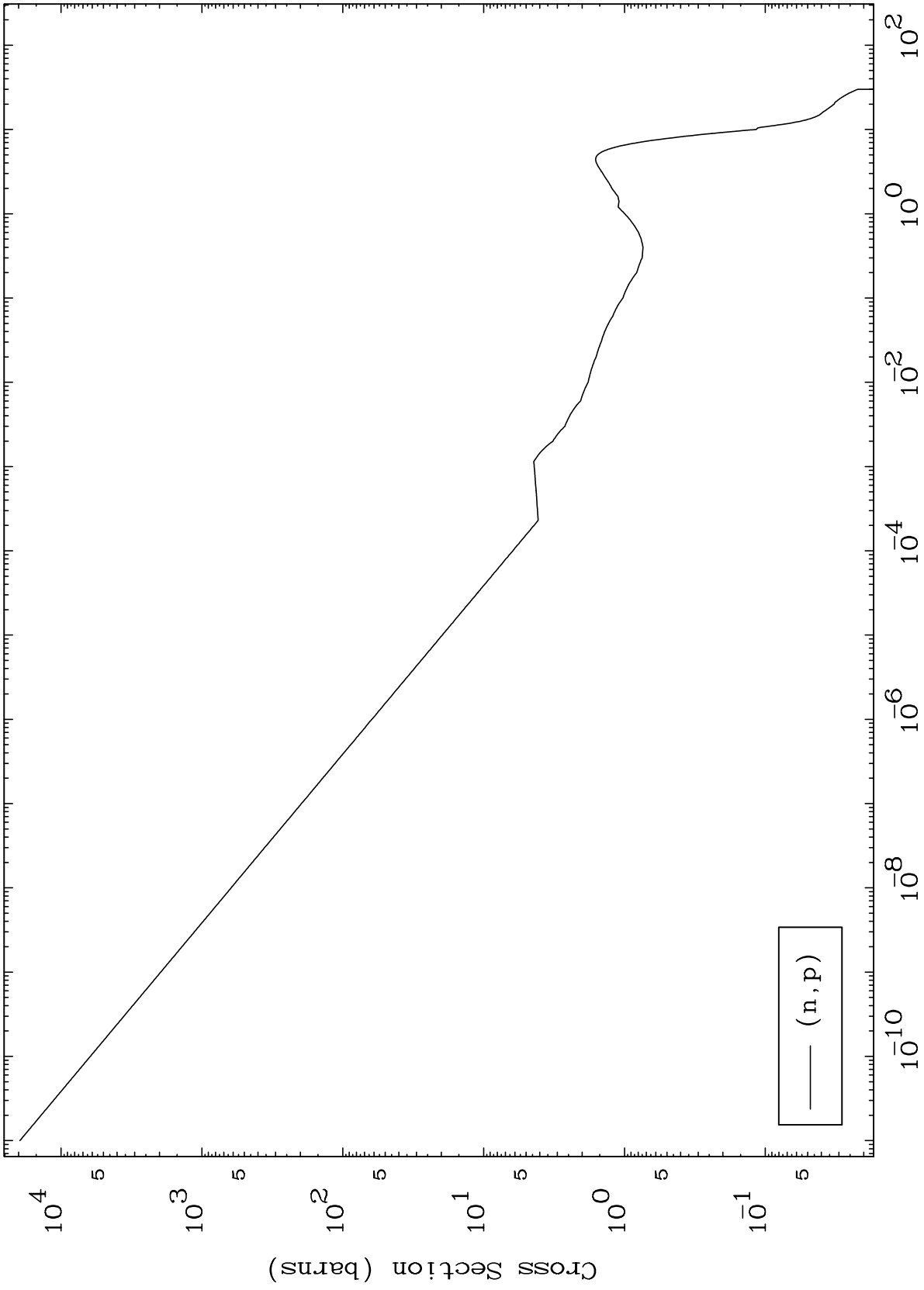




MAT 5001

(n,p) Levels
293 Kelvin Cross Sections

50-Sn-104

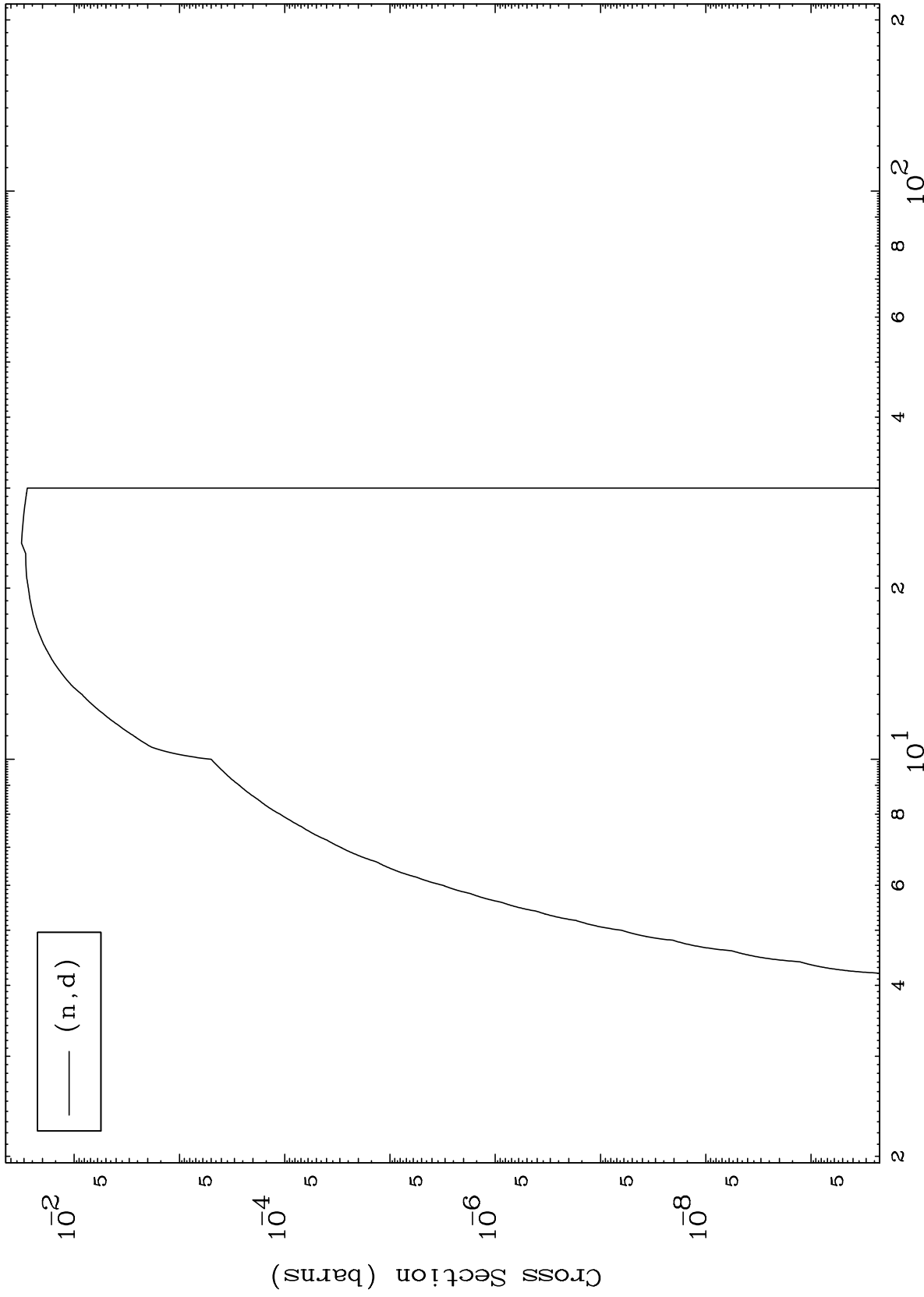


— (n, p)

MAT 5001

(n,d) Levels
293 Kelvin Cross Sections

50-Sn-104



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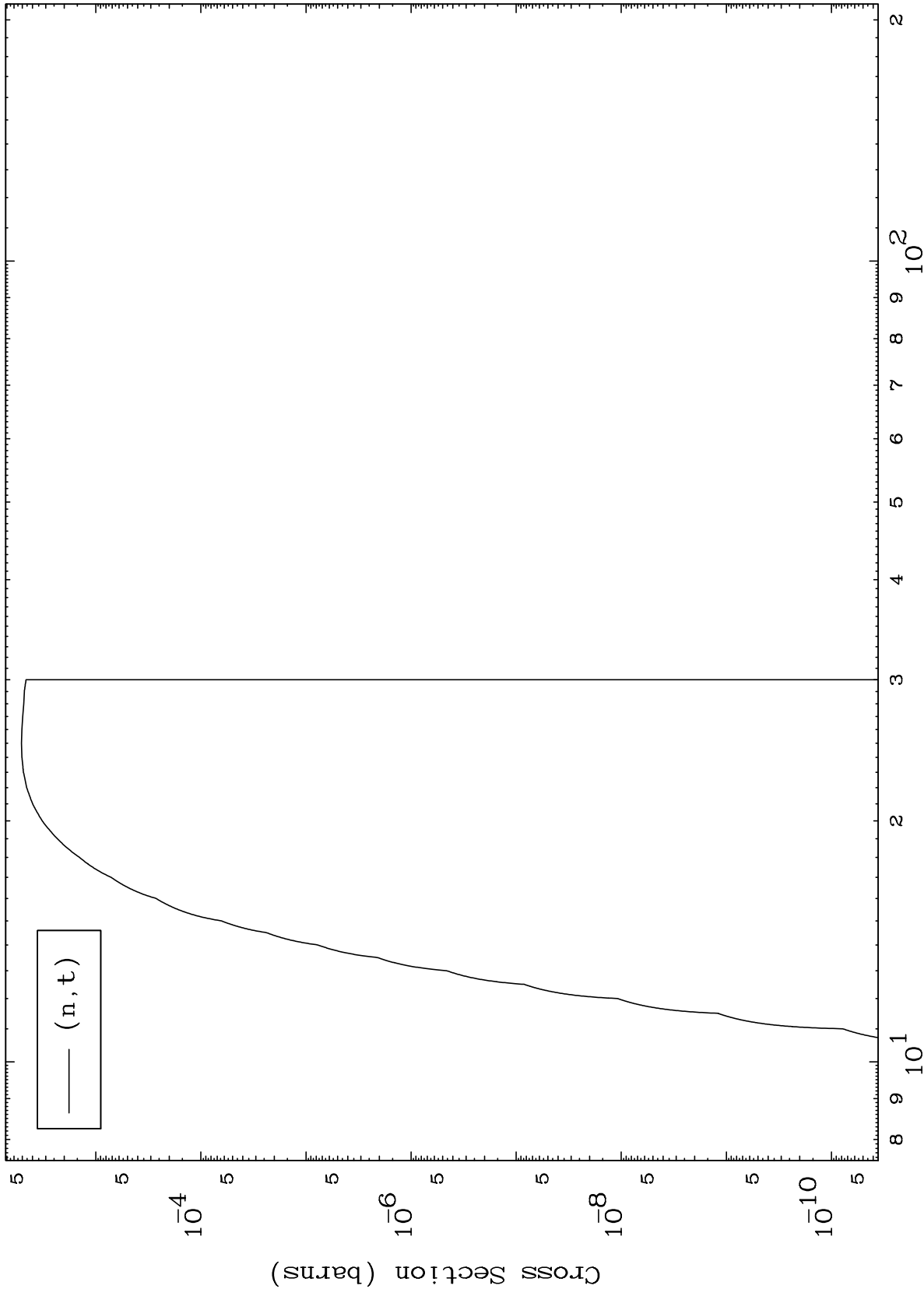
Incident Energy (MeV)

50-Sn-104

MAT 5001

(n,t) Levels
293 Kelvin Cross Sections

50-Sn-104



9

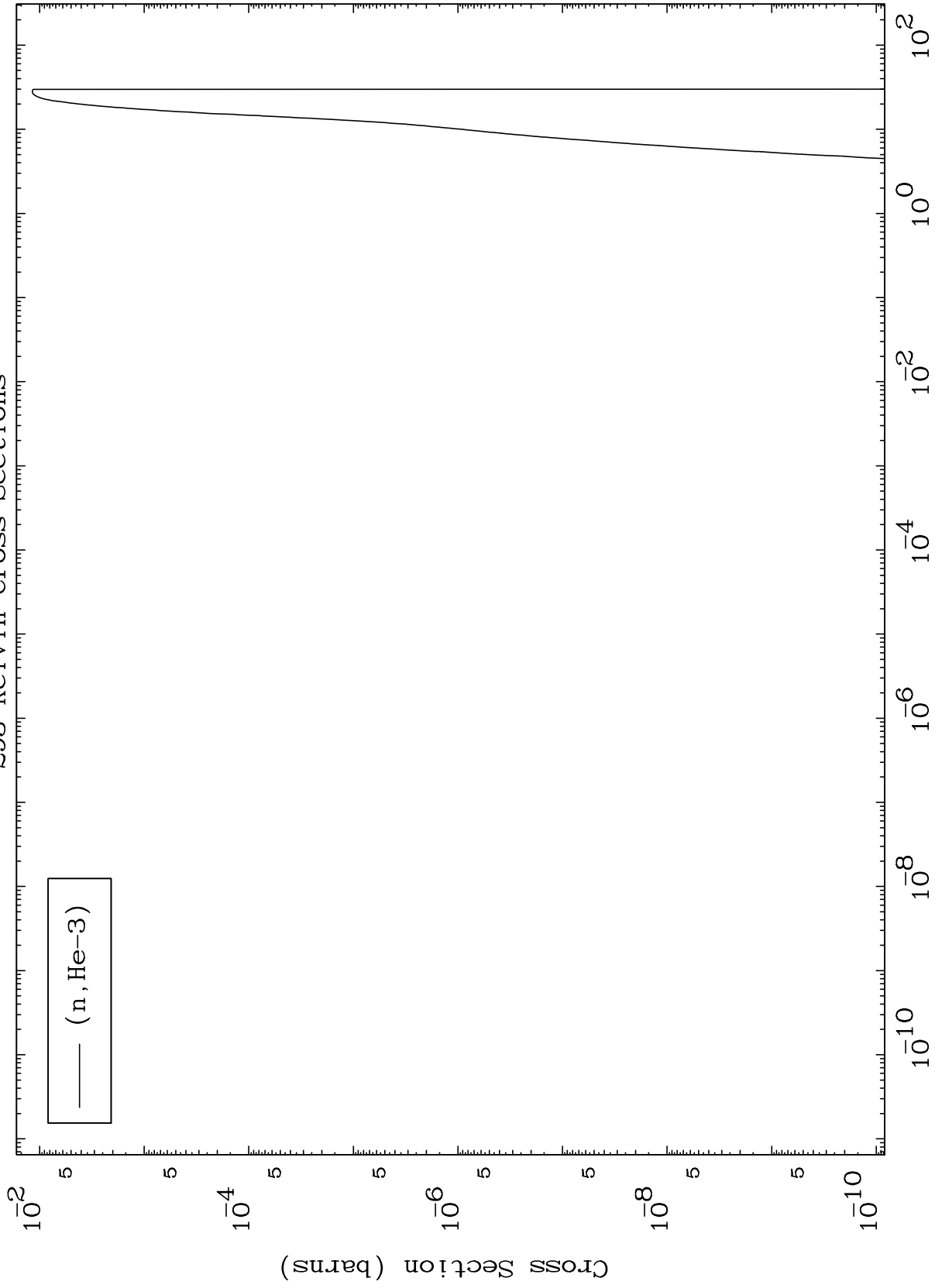
Incident Energy (MeV)

50-Sn-104

MAT 5001

(n,He3) Levels
293 Kelvin Cross Sections

50-Sn-104



10

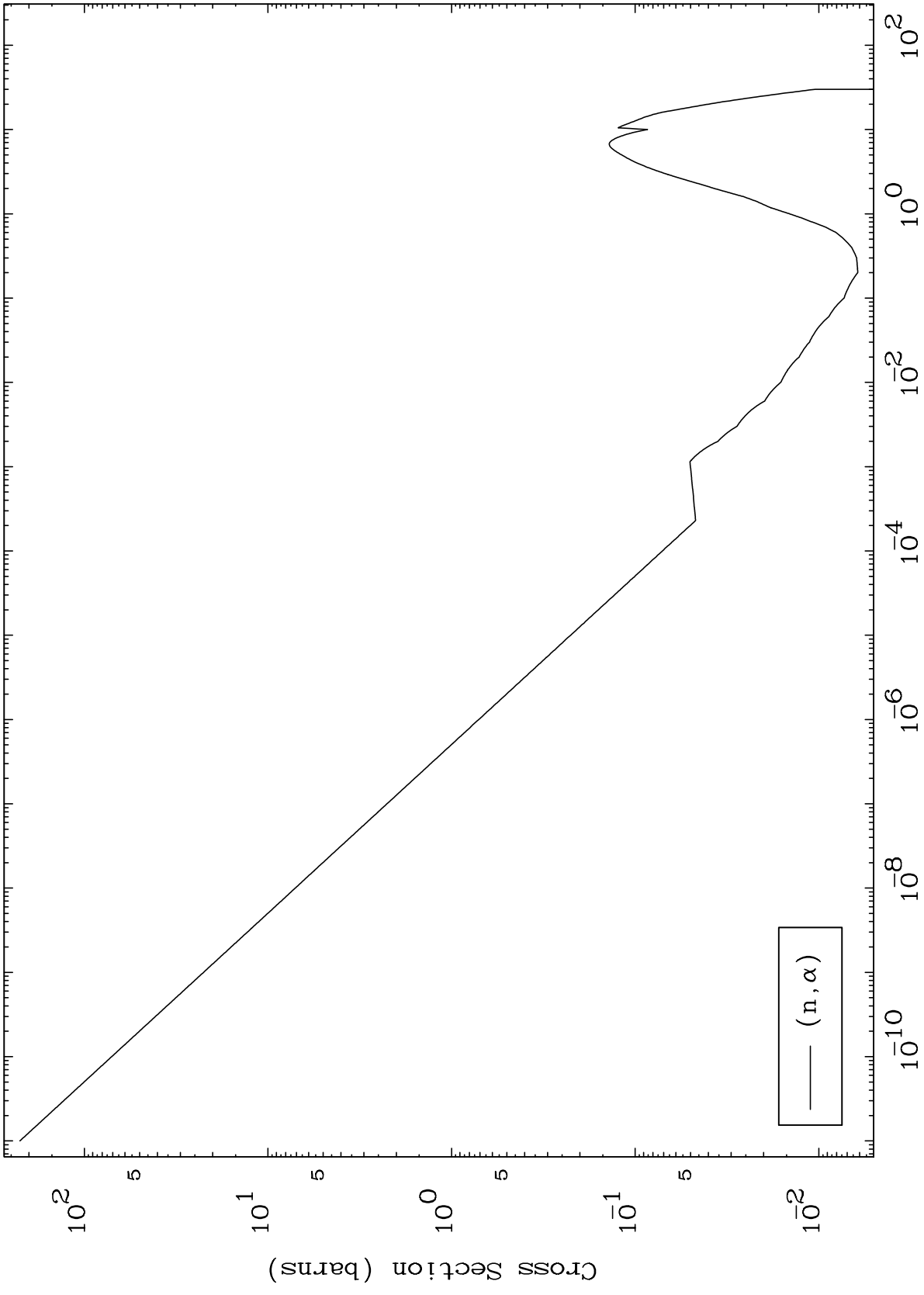
Incident Energy (MeV)

50-Sn-104

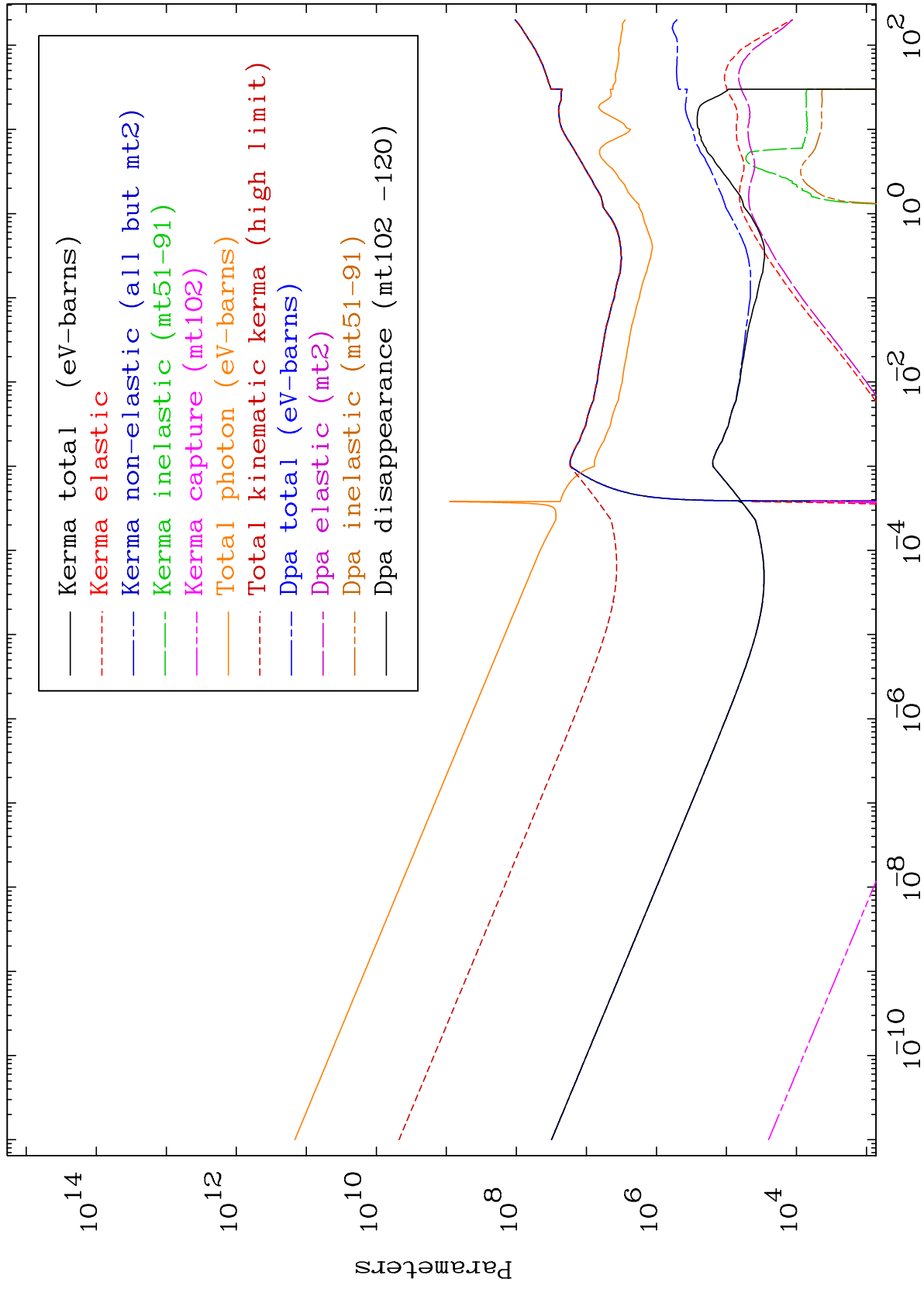
MAT 5001

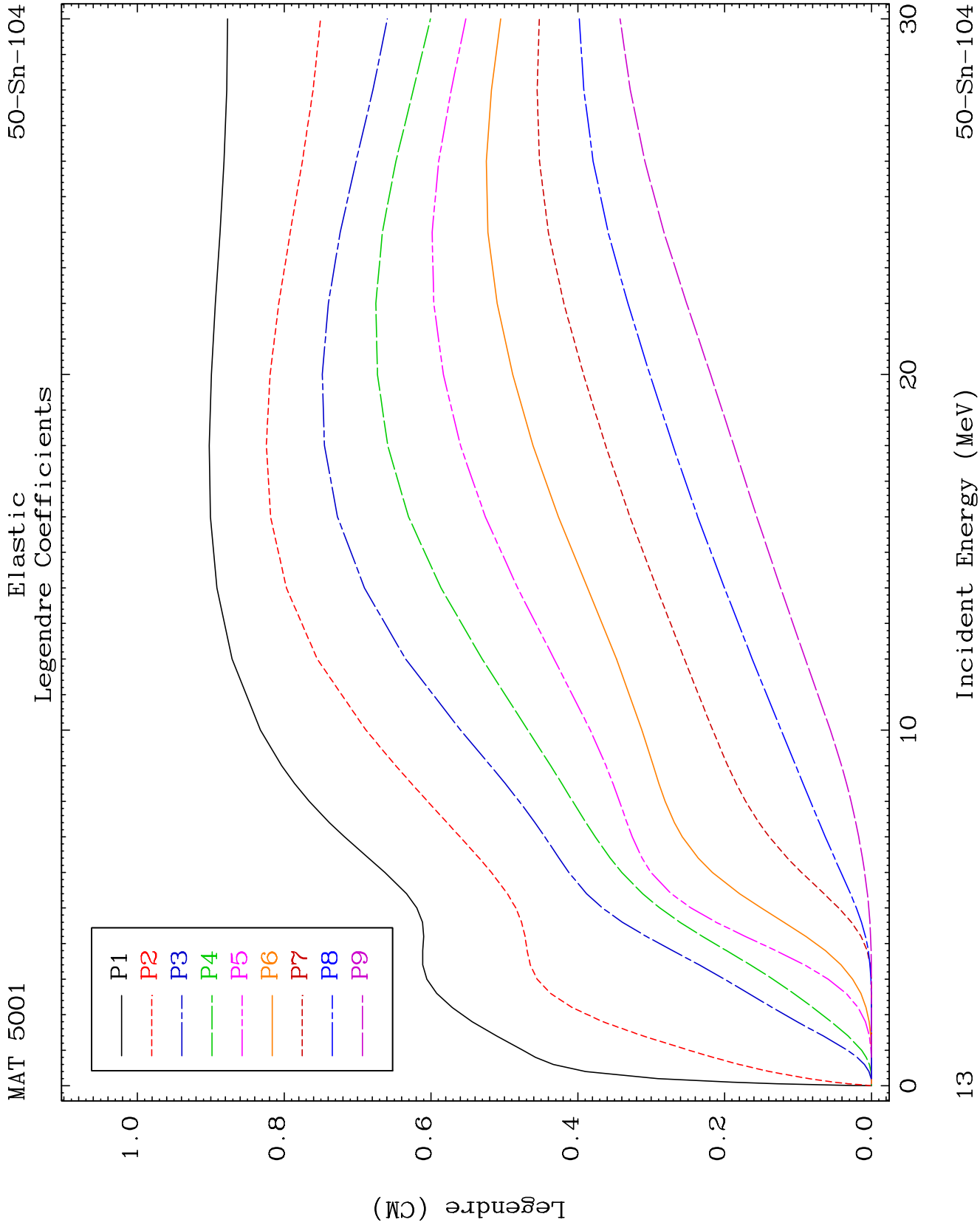
293 Kelvin Cross Sections
(n,α) Levels

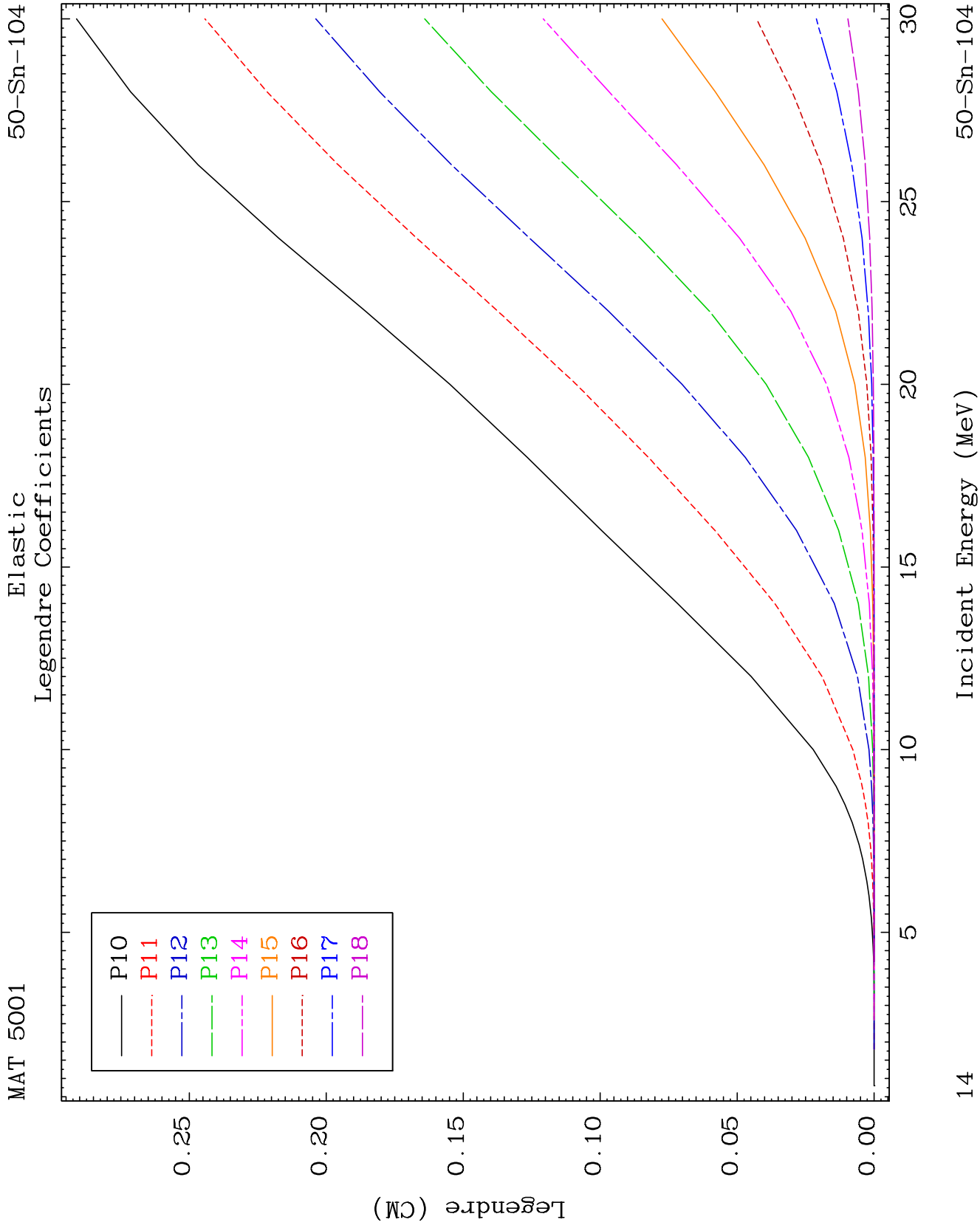
50-Sn-104

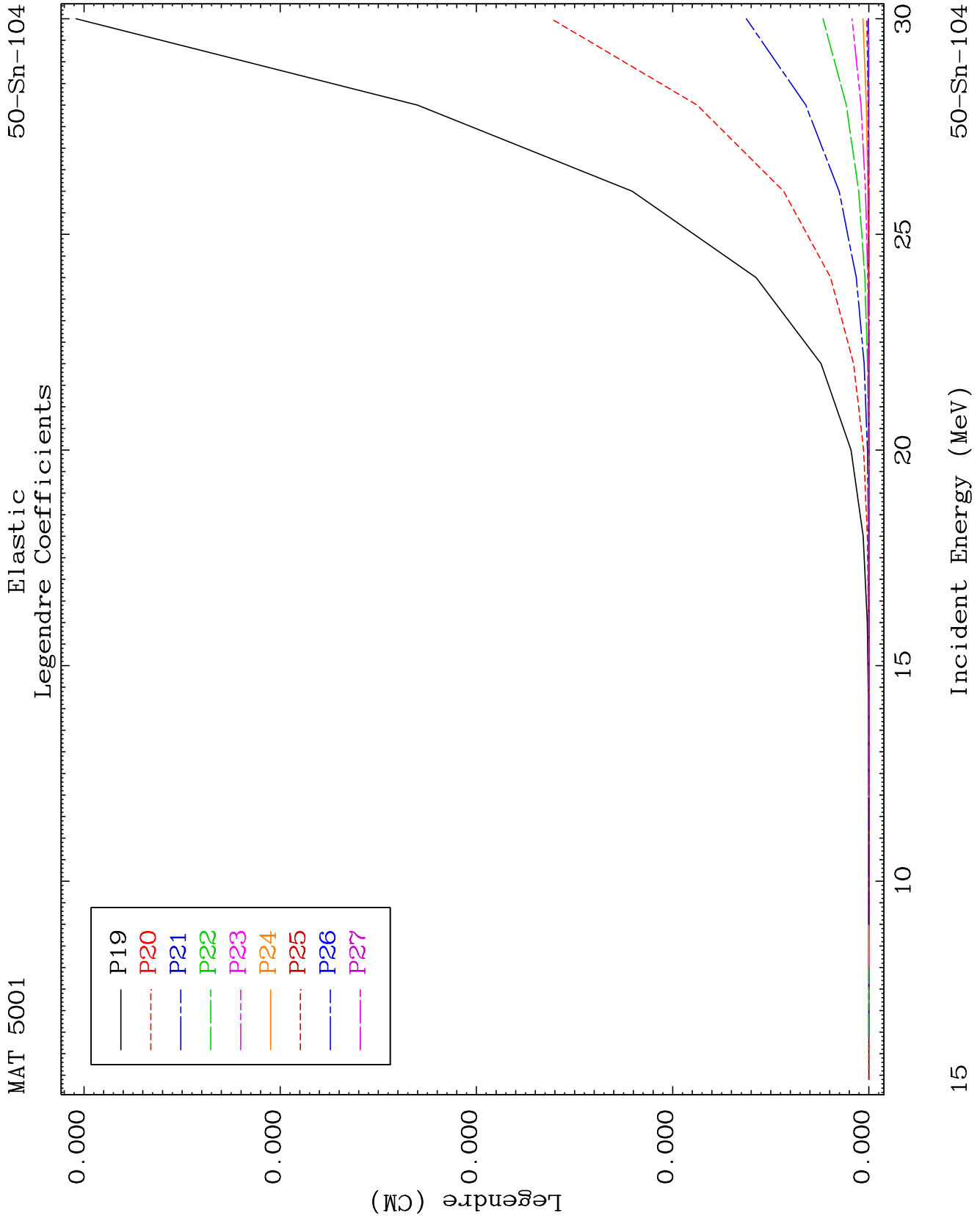


— (n,α)





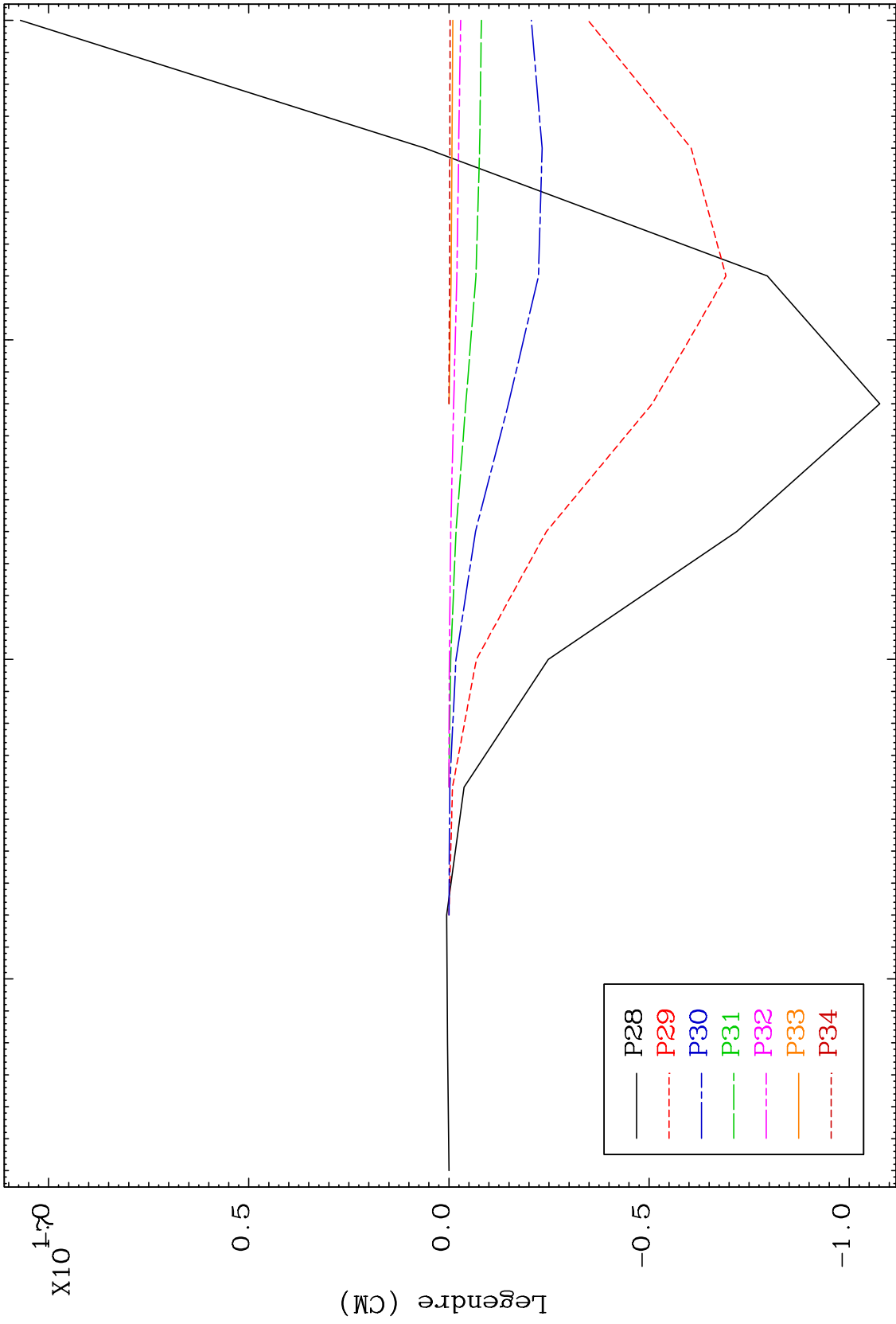




MAT 5001

Elastic
Legendre Coefficients

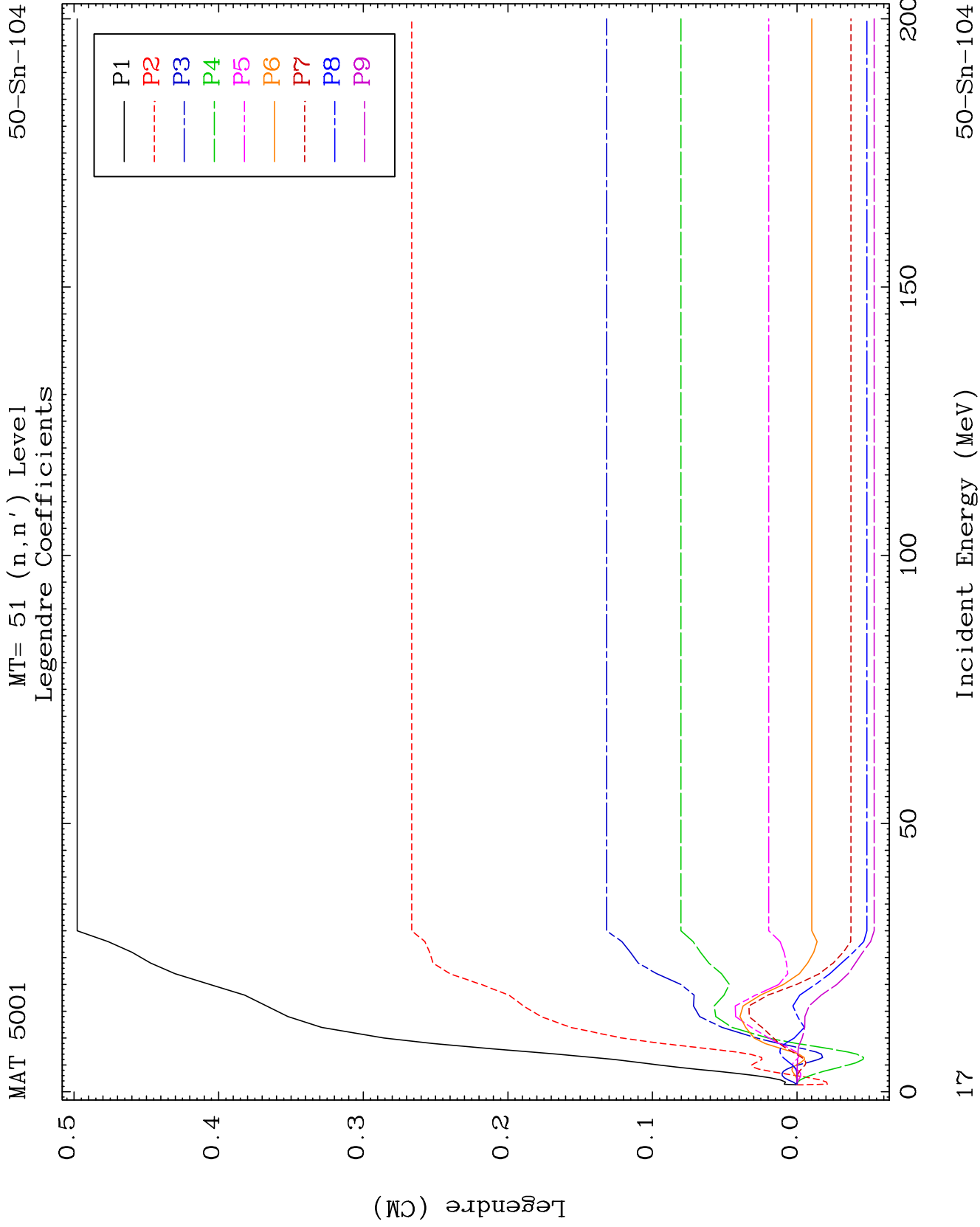
50-Sn-104



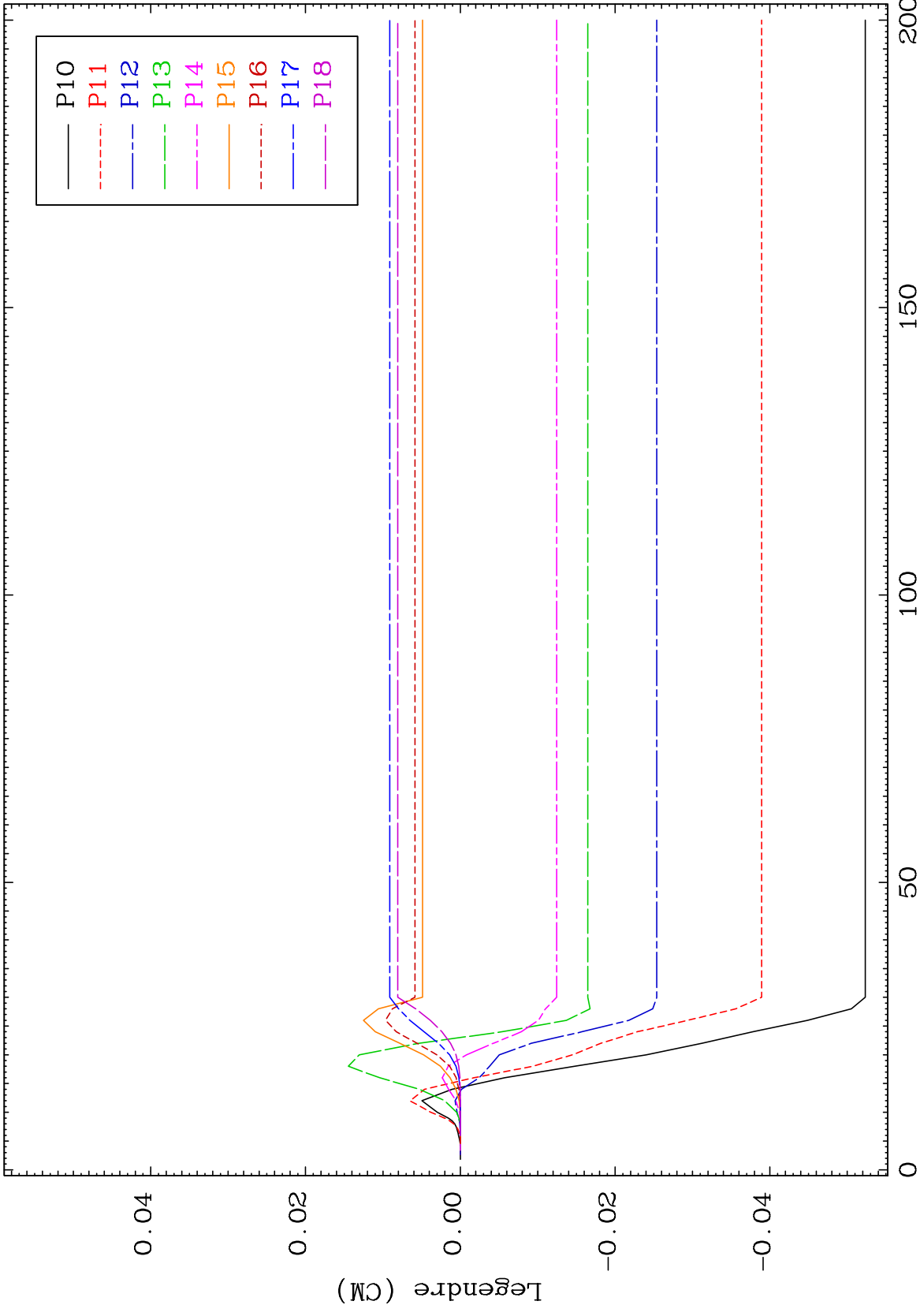
16

Incident Energy (MeV)

50-Sn-104

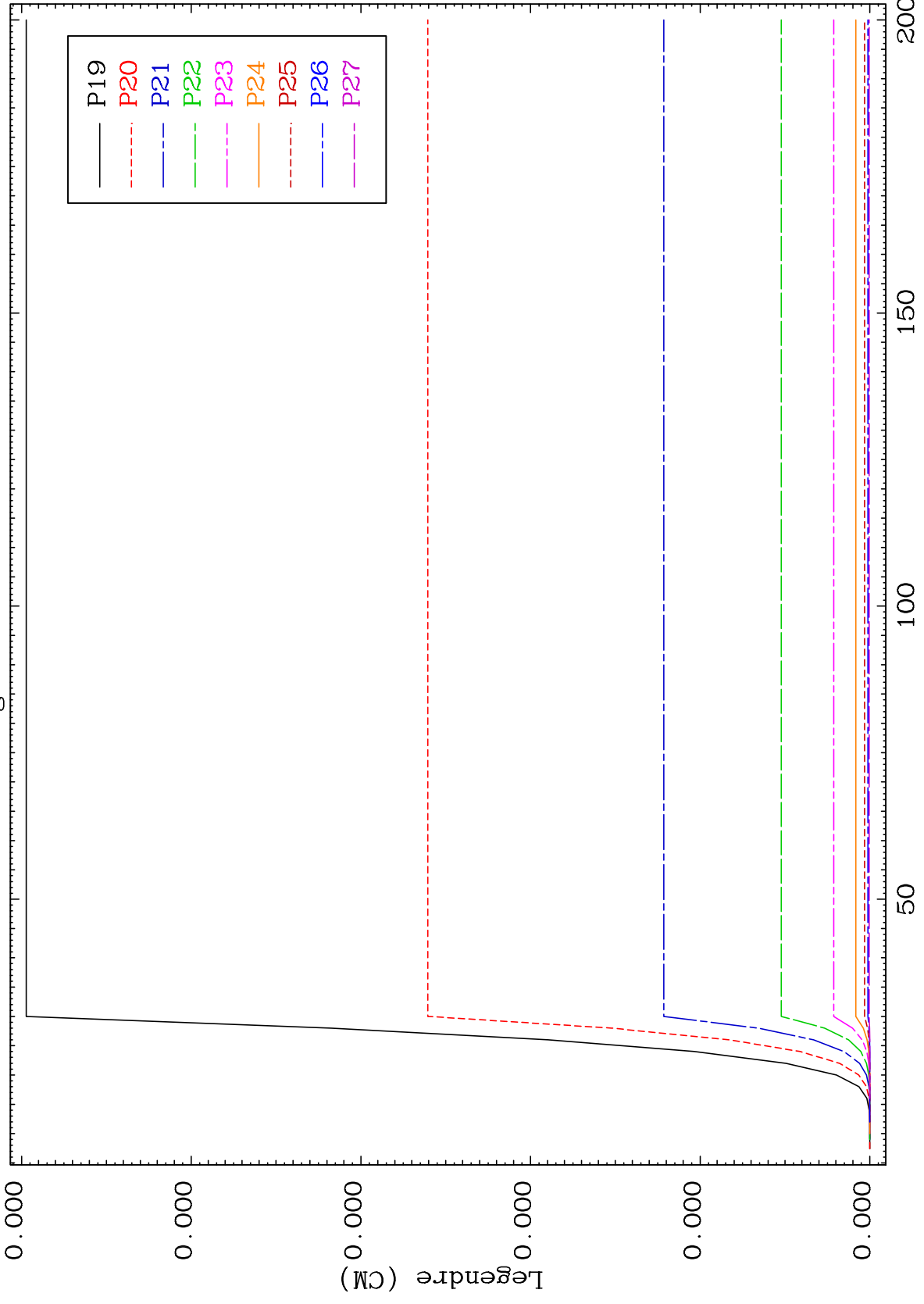


MAT 5001 MT= 51 (n,n') Level Legendre Coefficients 50-Sn-104

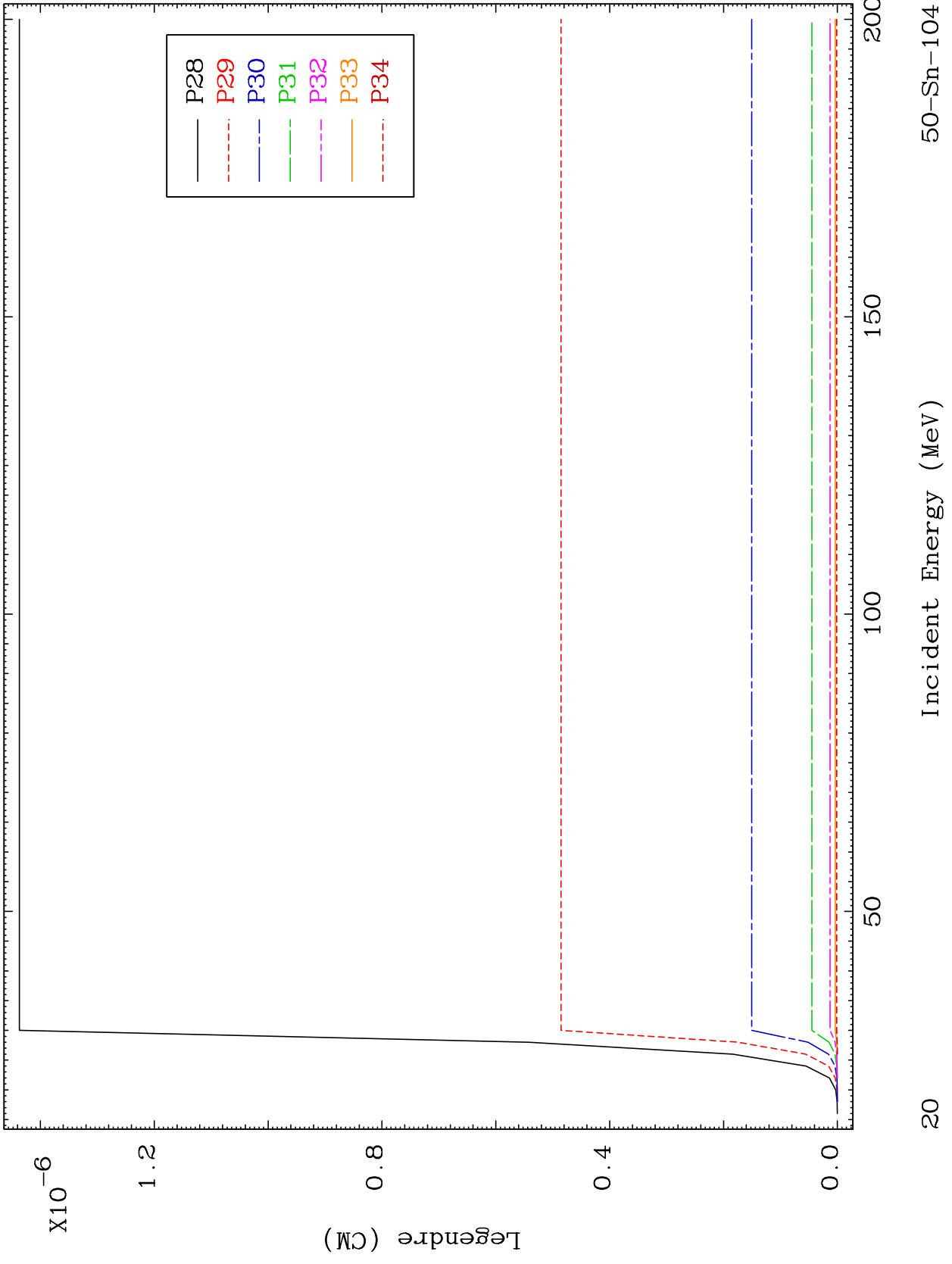


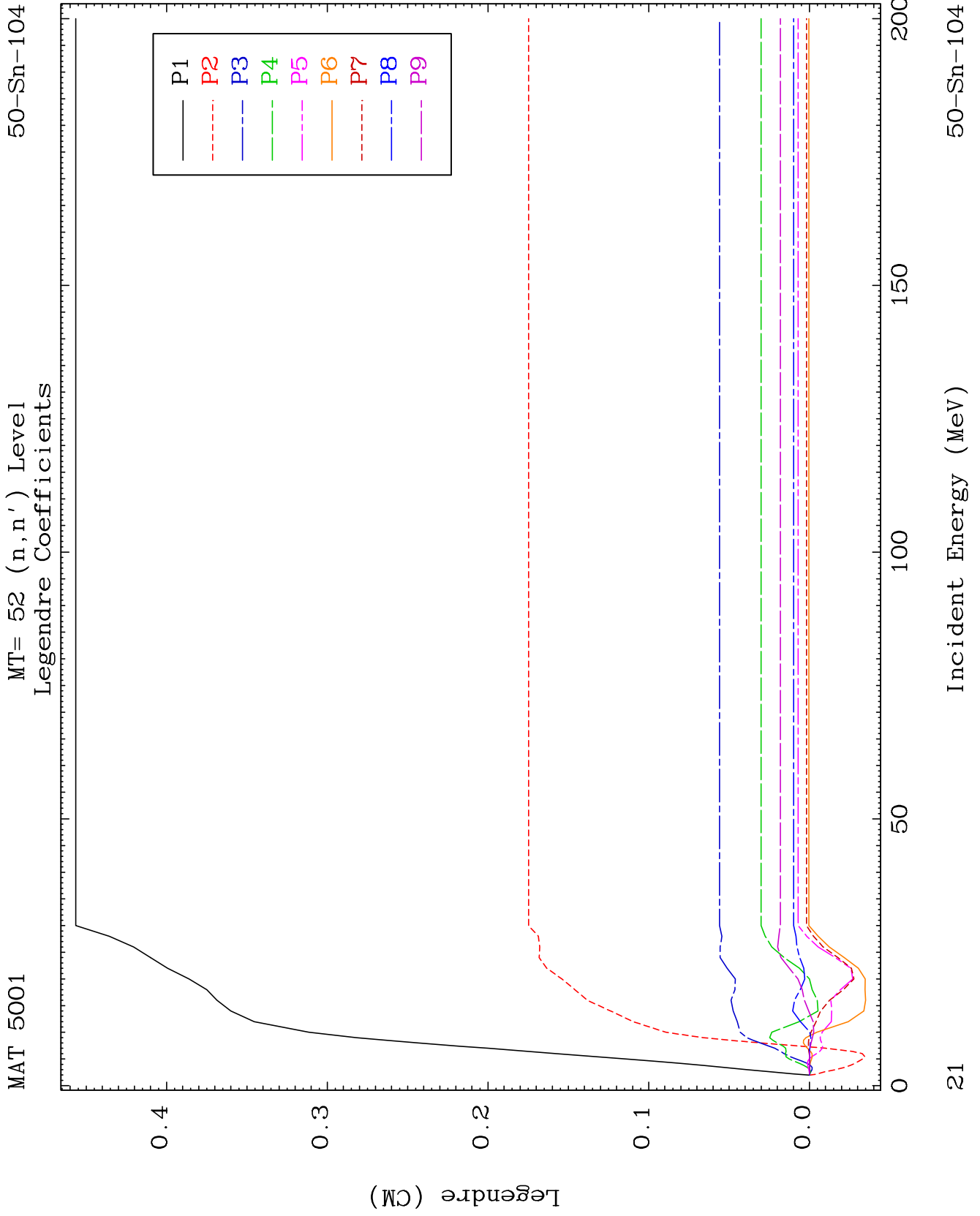
18 Incident Energy (MeV) 50-Sn-104

MAT 5001 MT= 51 (n,n') Level Legendre Coefficients 50-Sn-104

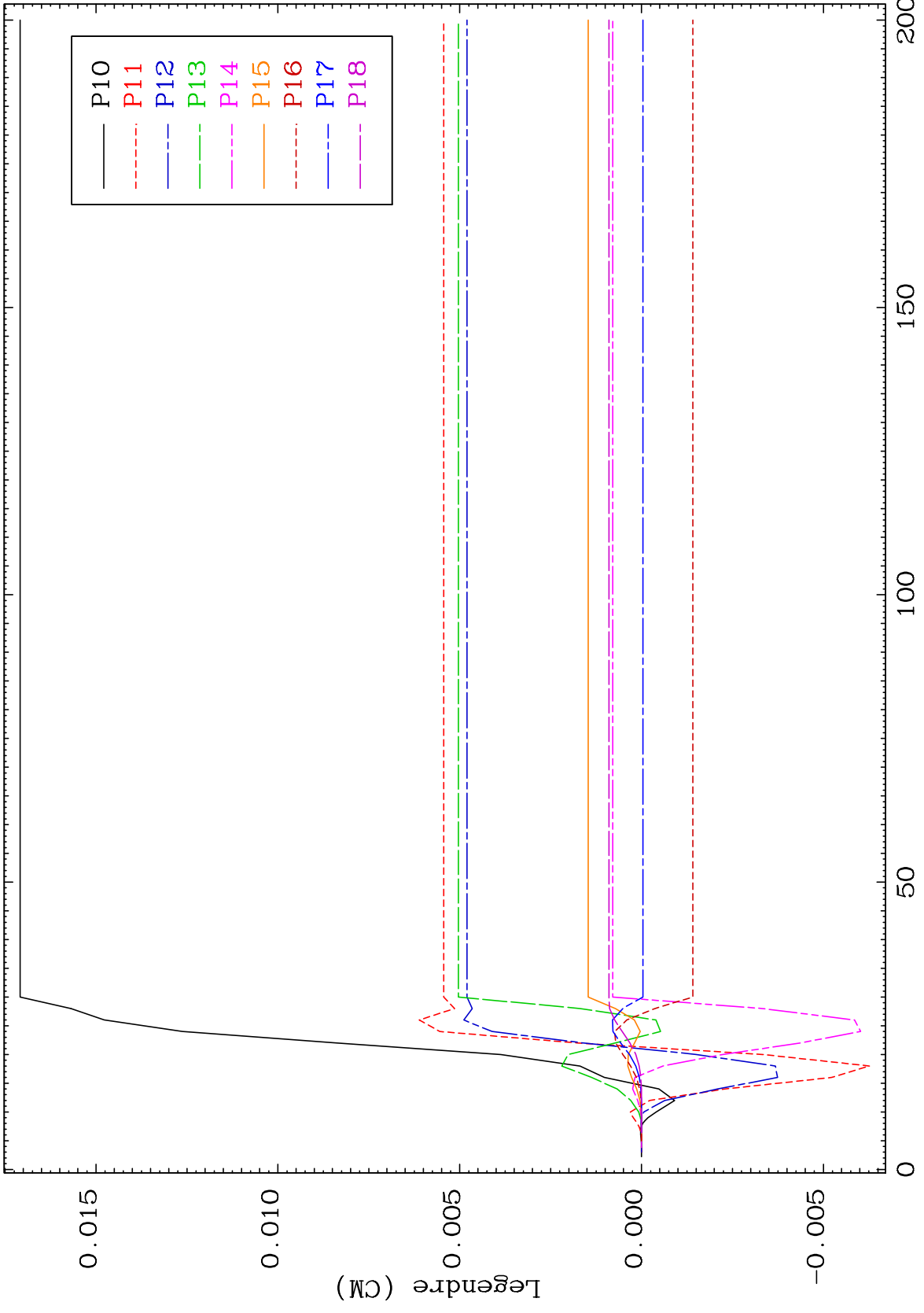


MAT 5001 MT= 51 (n,n') Level Legendre Coefficients 50-Sn-104





MAT 5001 MT= 52 (n,n') Level Legendre Coefficients 50-Sn-104

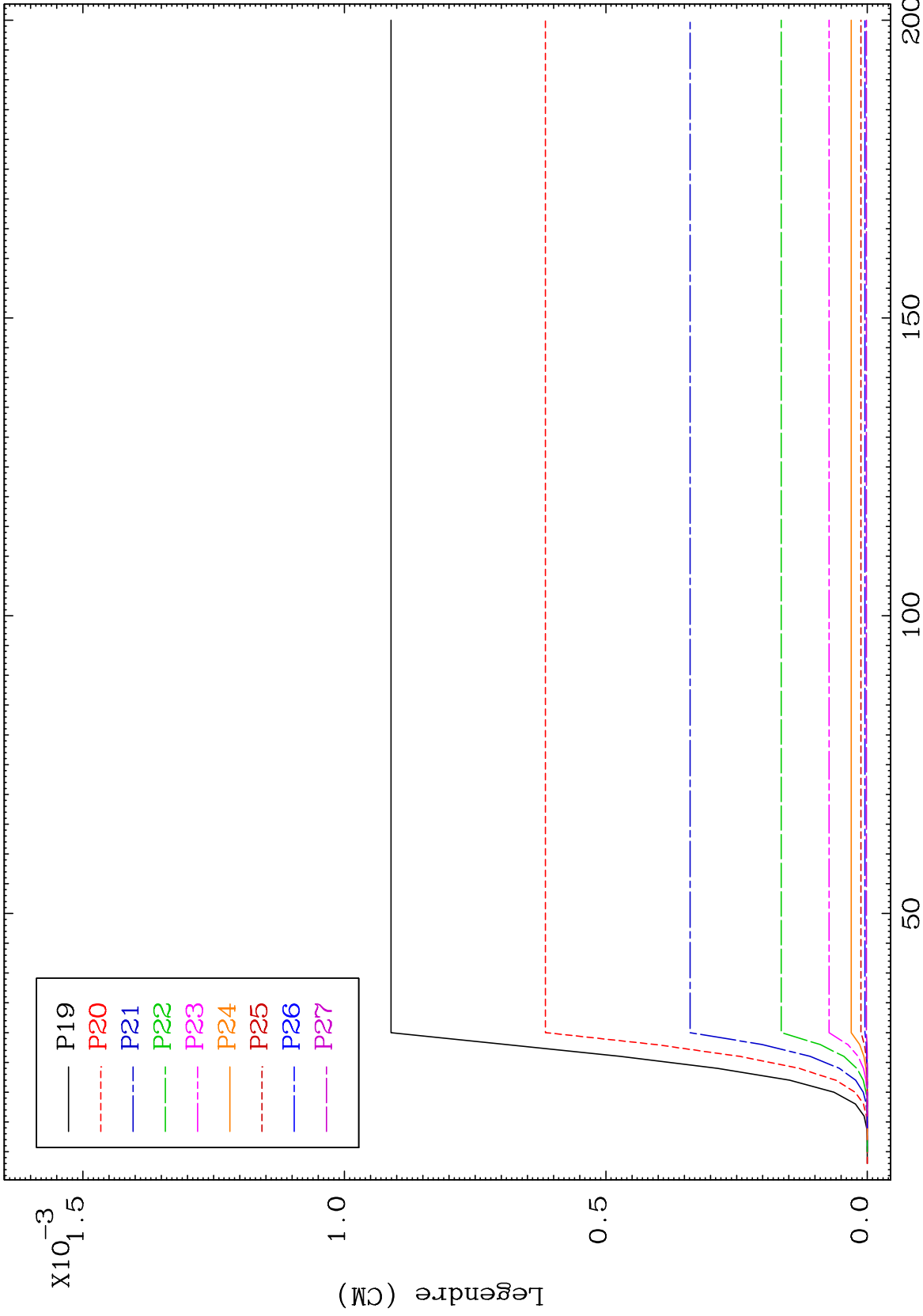
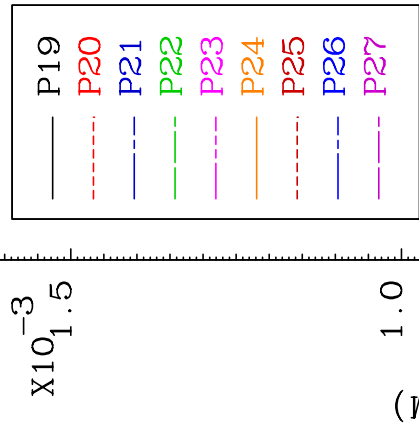


22 Incident Energy (MeV) 50-Sn-104

MAT 5001

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

50-Sn-104

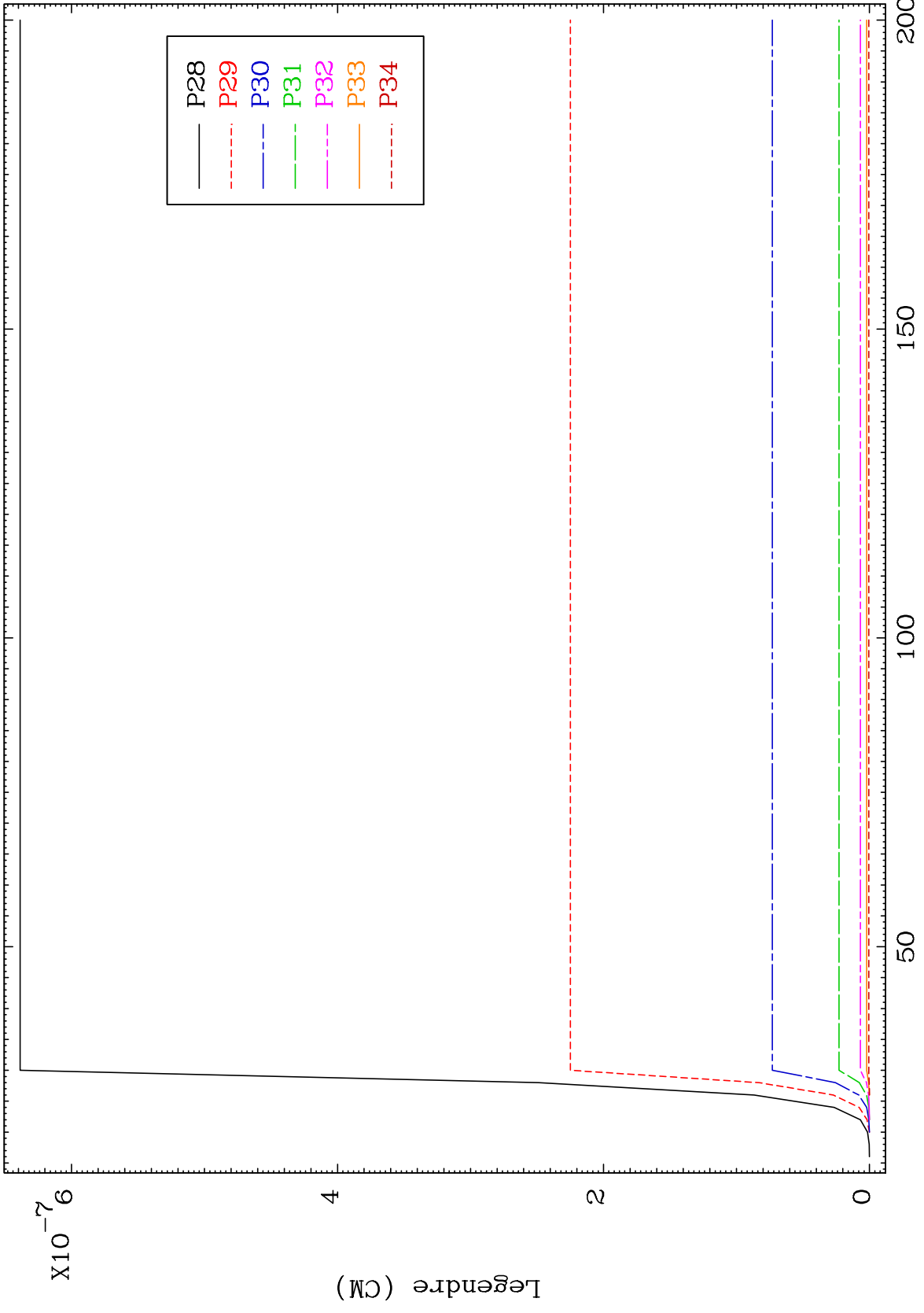


23

Incident Energy (MeV)

50-Sn-104

MAT 5001 MT= 52 (n,n') Level Legendre Coefficients 50-Sn-104



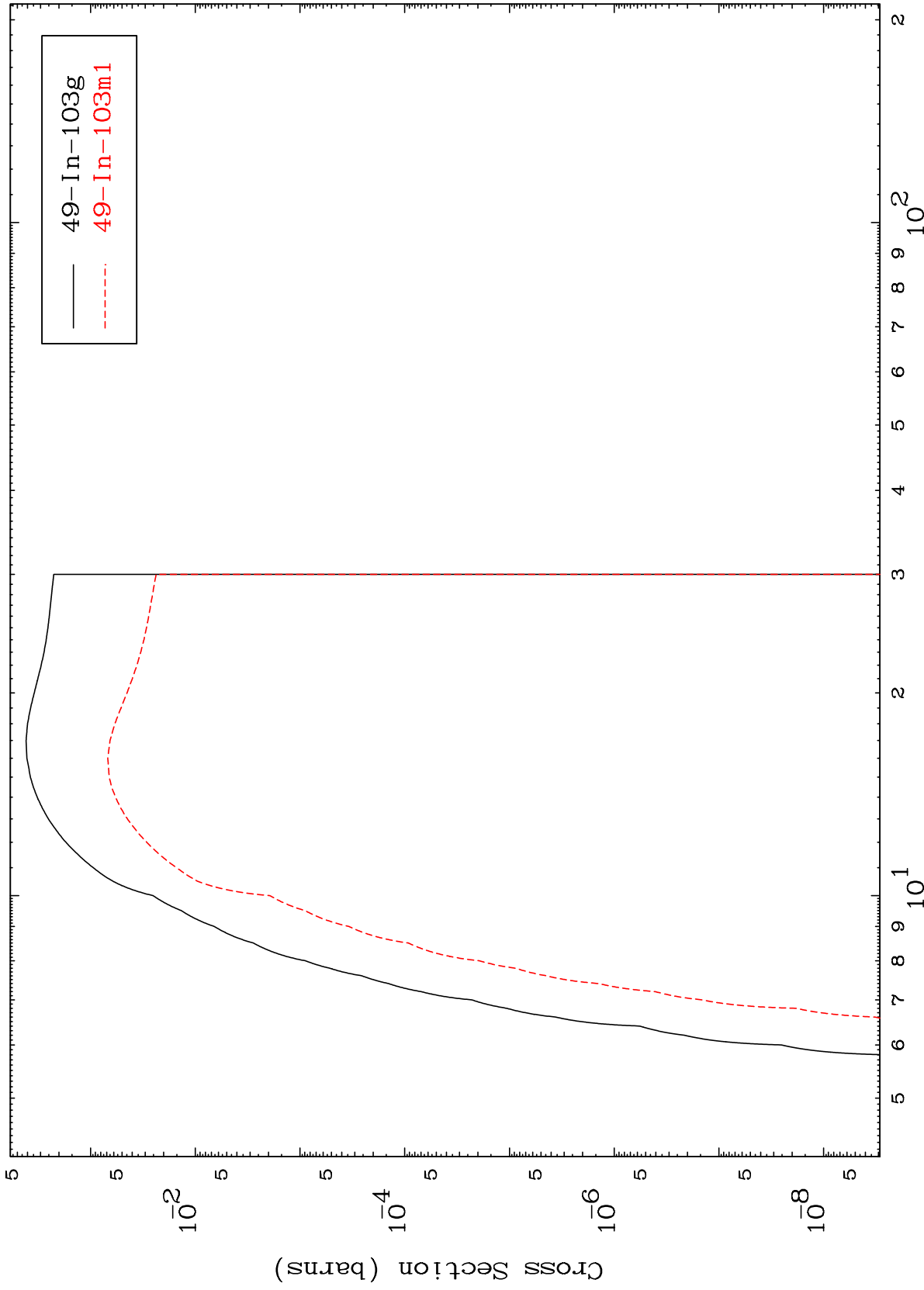
24 Incident Energy (MeV) 50-Sn-104

MAT 5001

(n,n') p

50-Sn-104

Radionuclide Production Cross Section



25

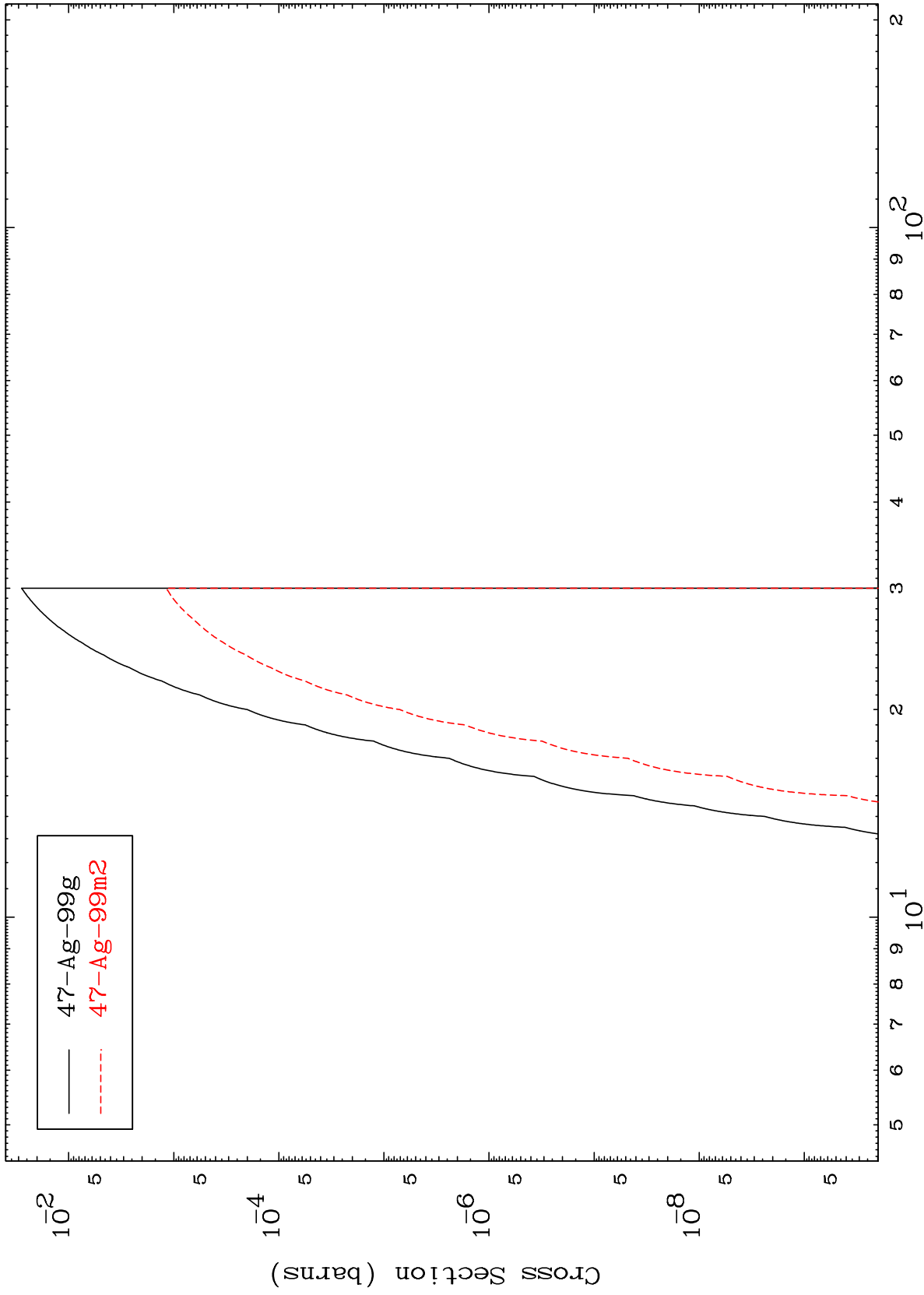
Incident Energy (MeV)

50-Sn-104

MAT 5001

50-Sn-104

(n,n') p α
Radionuclide Production Cross Section



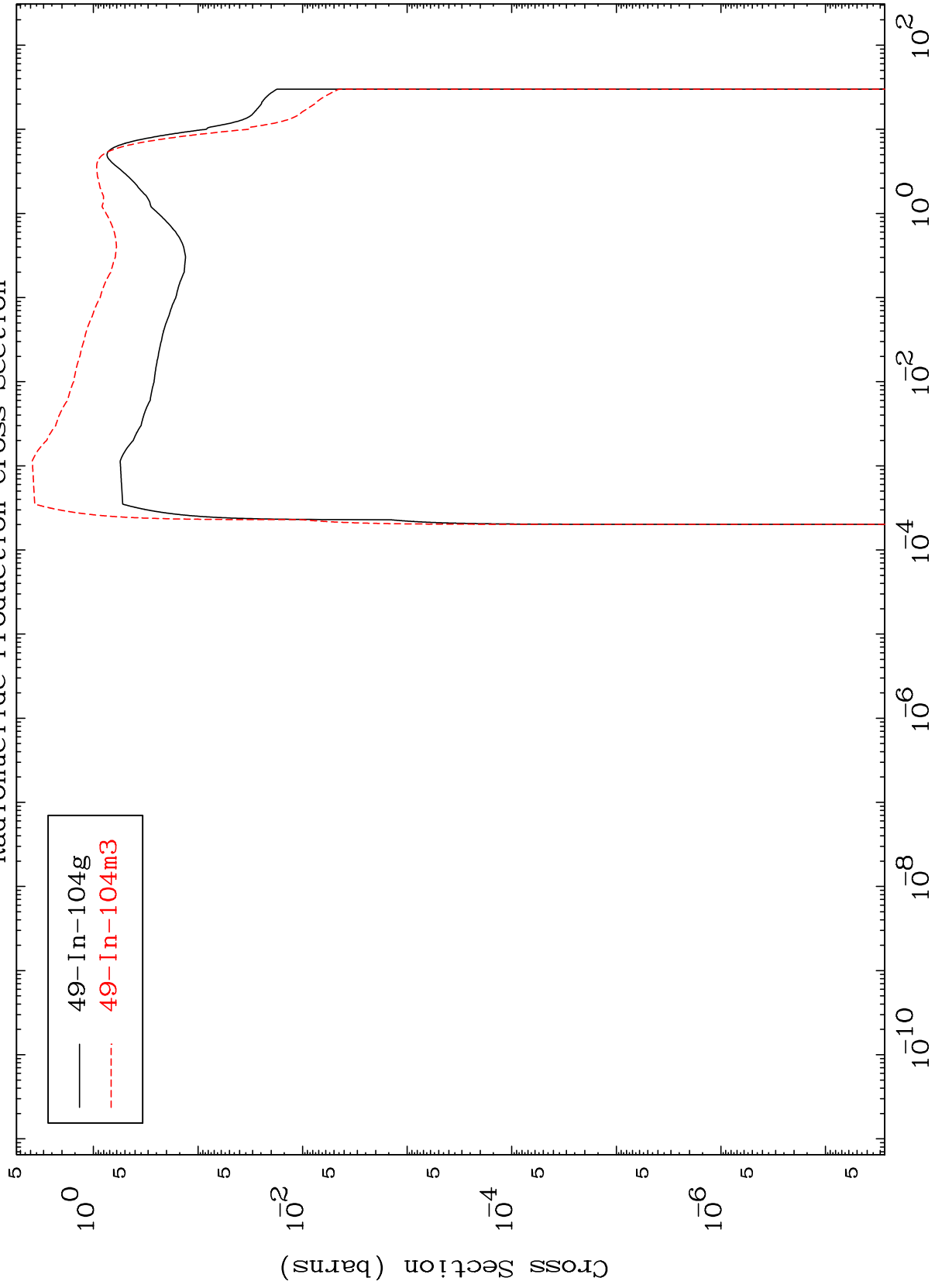
26

50-Sn-104

MAT 5001

50-Sn-104

Radionuclide Production Cross Section

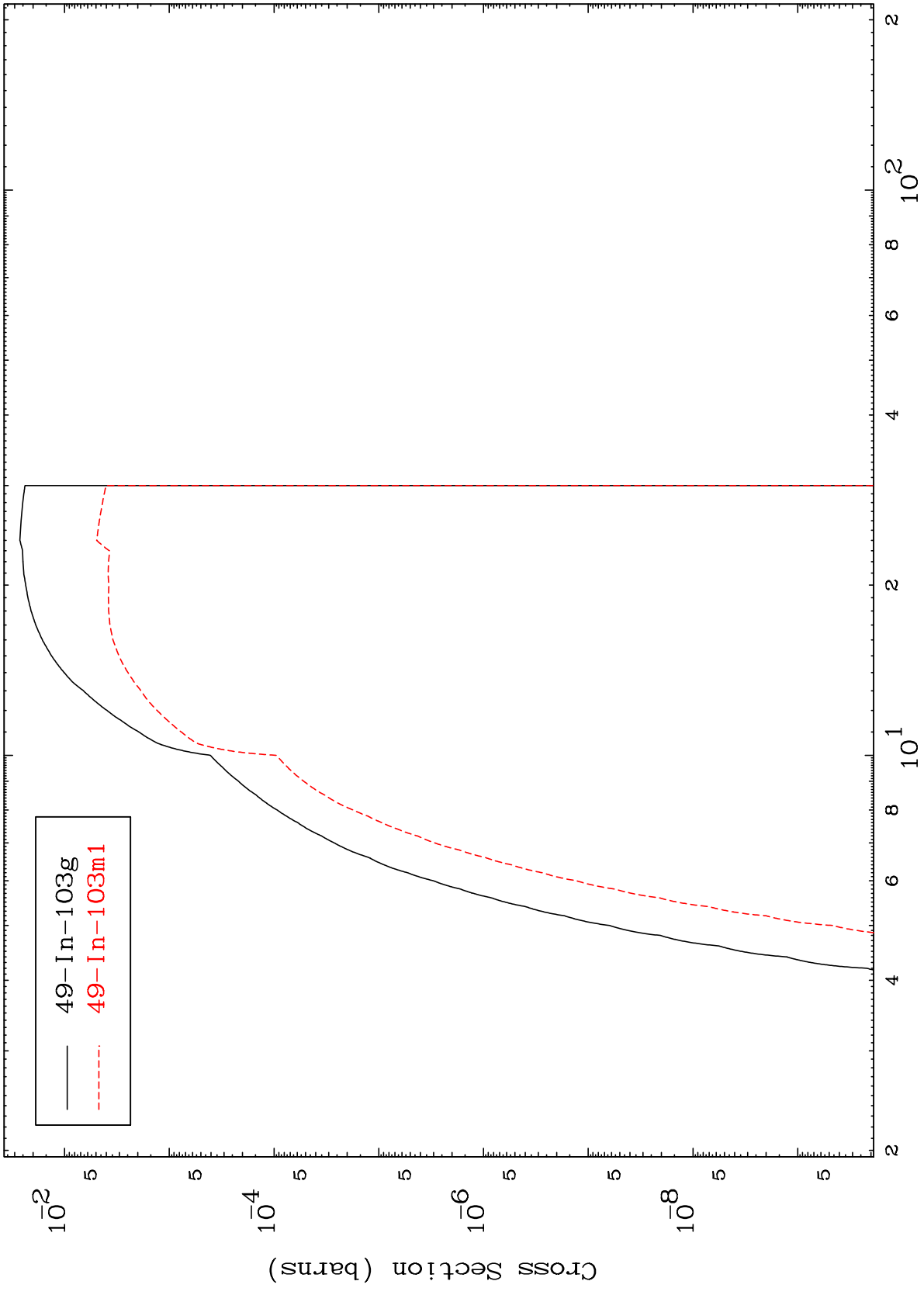


— 49-In-104g
- - - 49-In-104m3

MAT 5001

Radionuclide Production Cross Section
(n,d)

50-Sn-104



— 49-In-103g
- - - 49-In-103m1

28

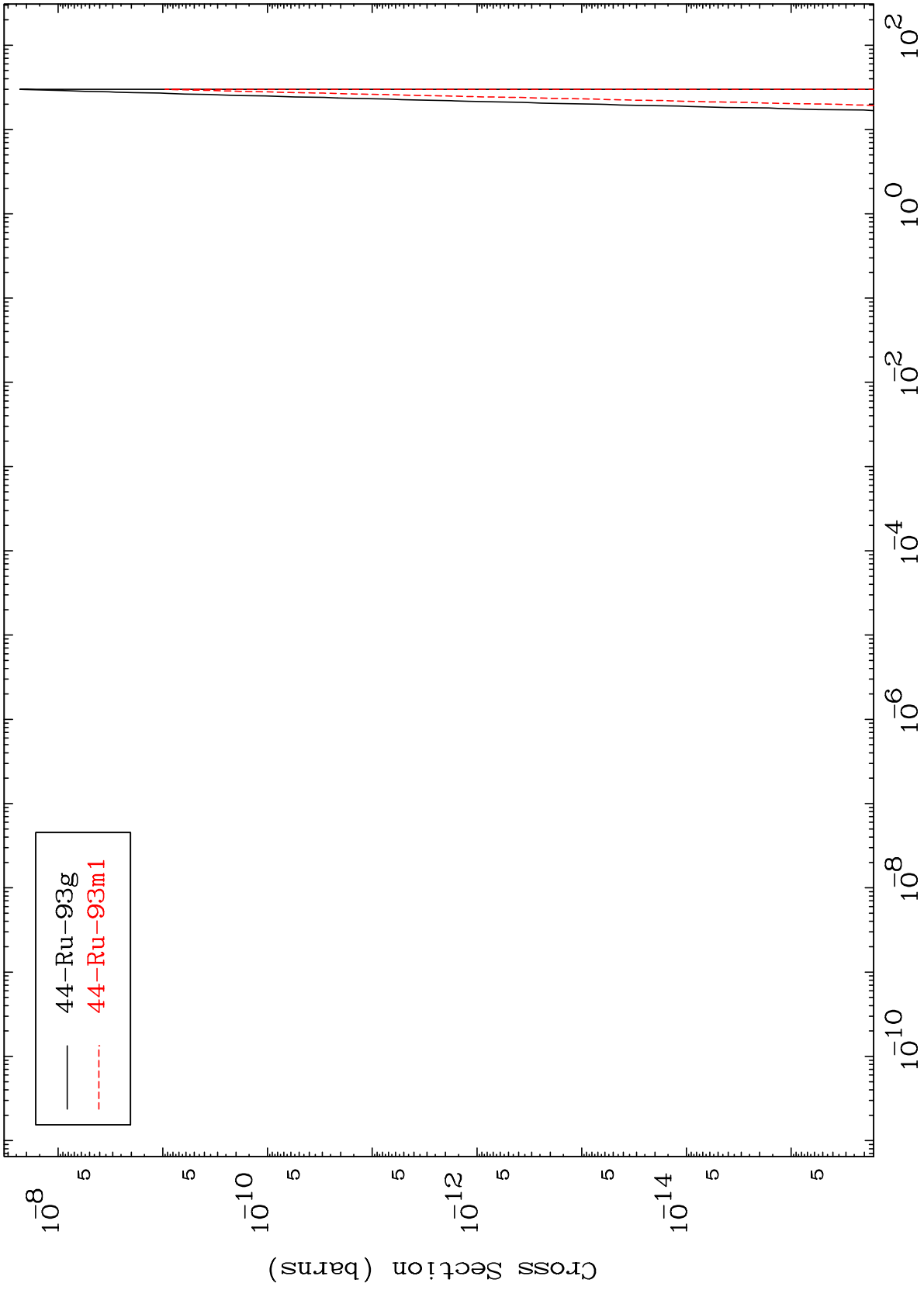
Incident Energy (MeV)

50-Sn-104

MAT 5001

Radionuclide Production Cross Section
(n,3α)

50-Sn-104



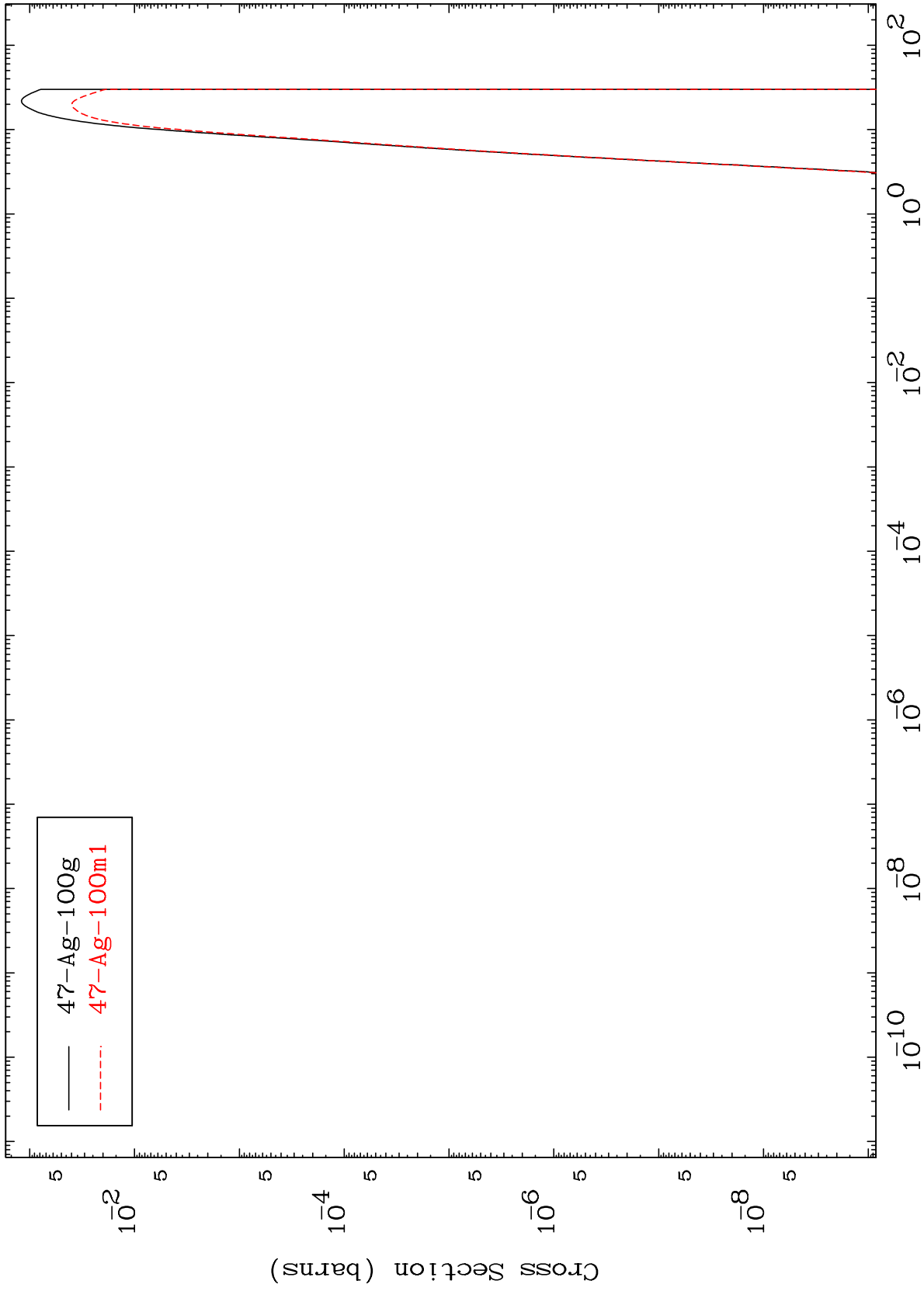
50-Sn-104

MAT 5001

(n,p) α

50-Sn-104

Radionuclide Production Cross Section



30

Incident Energy (MeV)

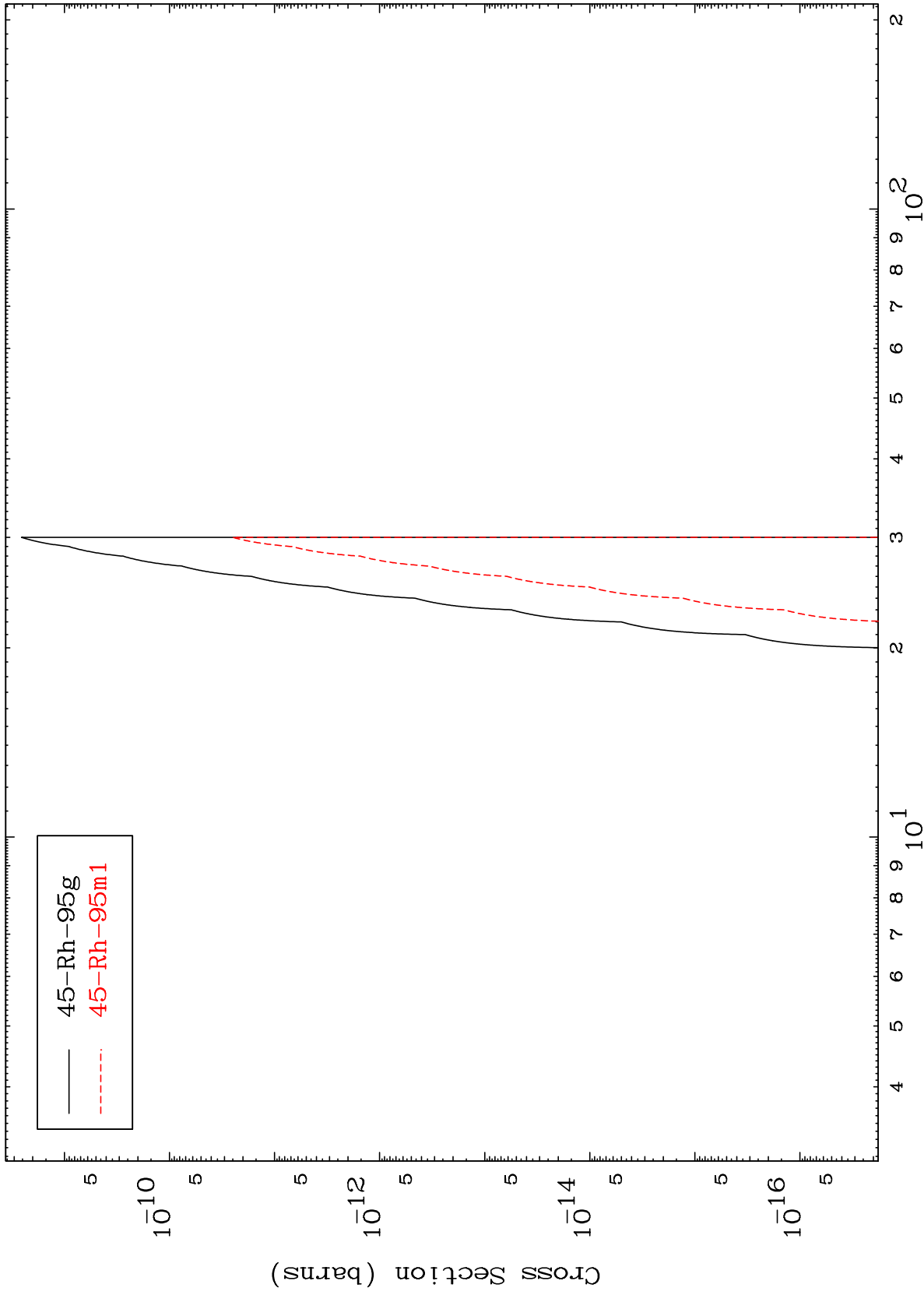
50-Sn-104

MAT 5001

(n,d) 2α

50-Sn-104

Radionuclide Production Cross Section



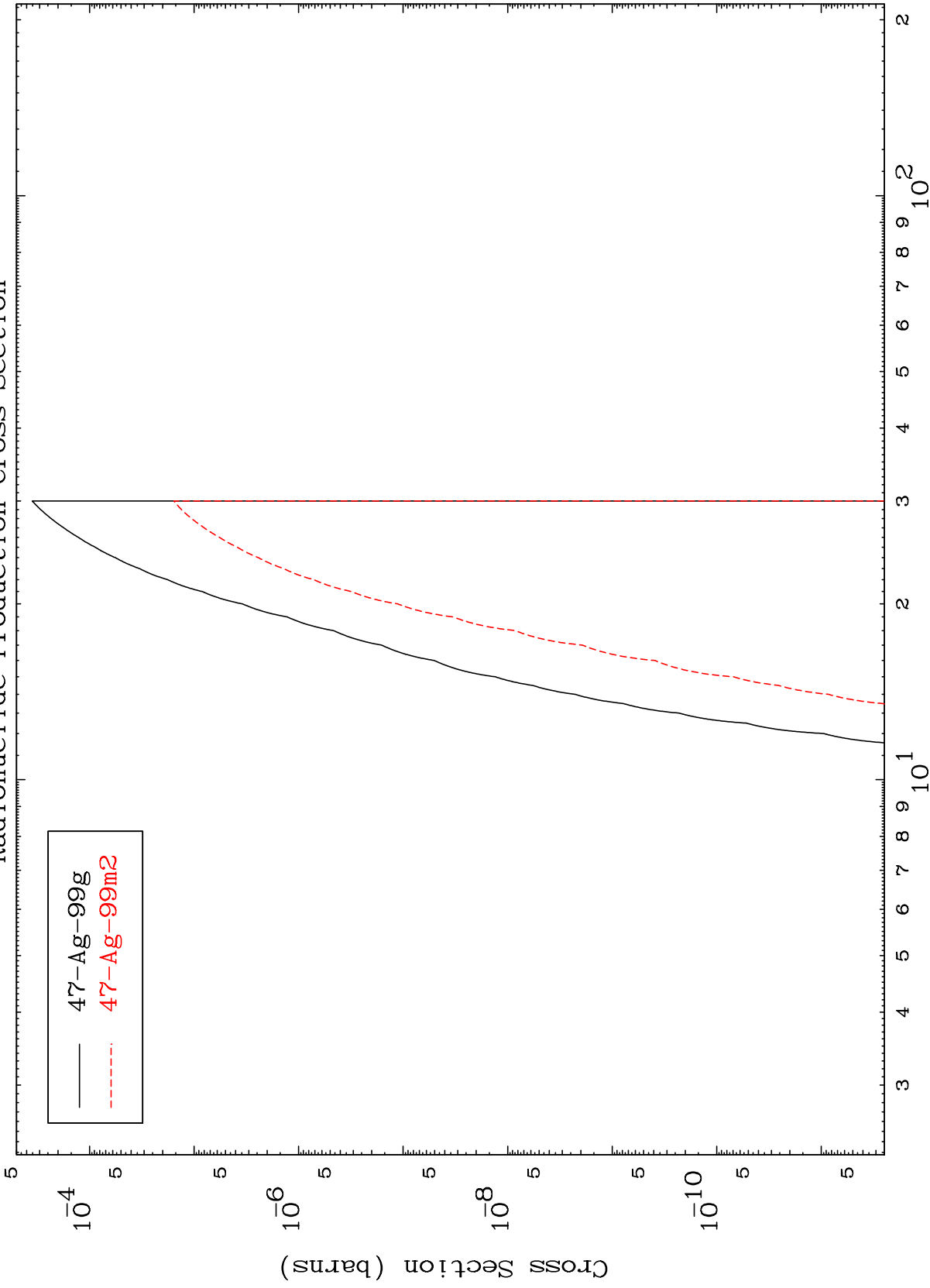
— 45-Rh-95g
- - - 45-Rh-95m1

MAT 5001

(n,d) α

50-Sn-104

Radionuclide Production Cross Section



32

Incident Energy (MeV)

50-Sn-104