

Program EVALPLOT
(Version 2017-1)

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

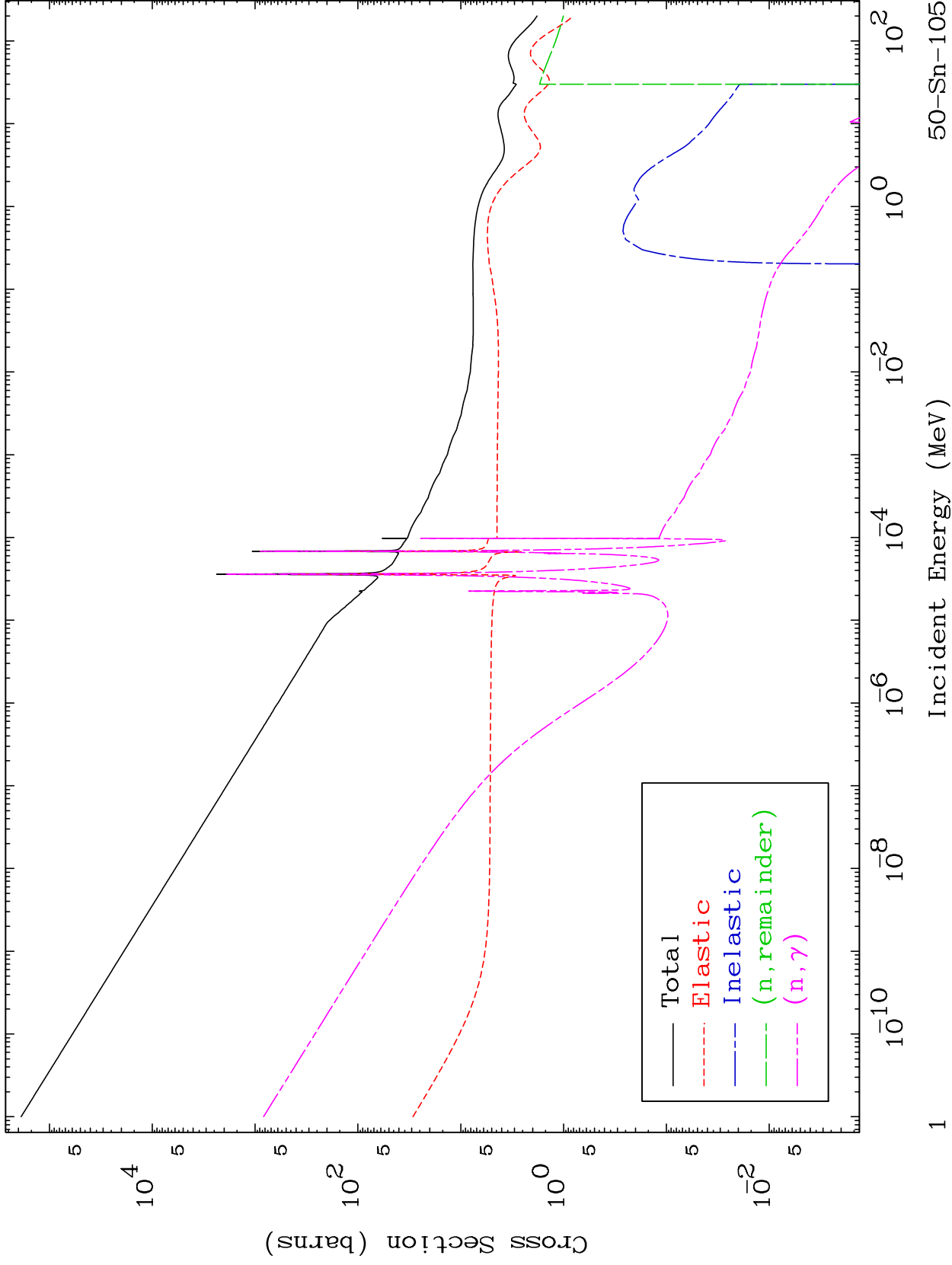
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5004

Major
293 Kelvin Cross Sections

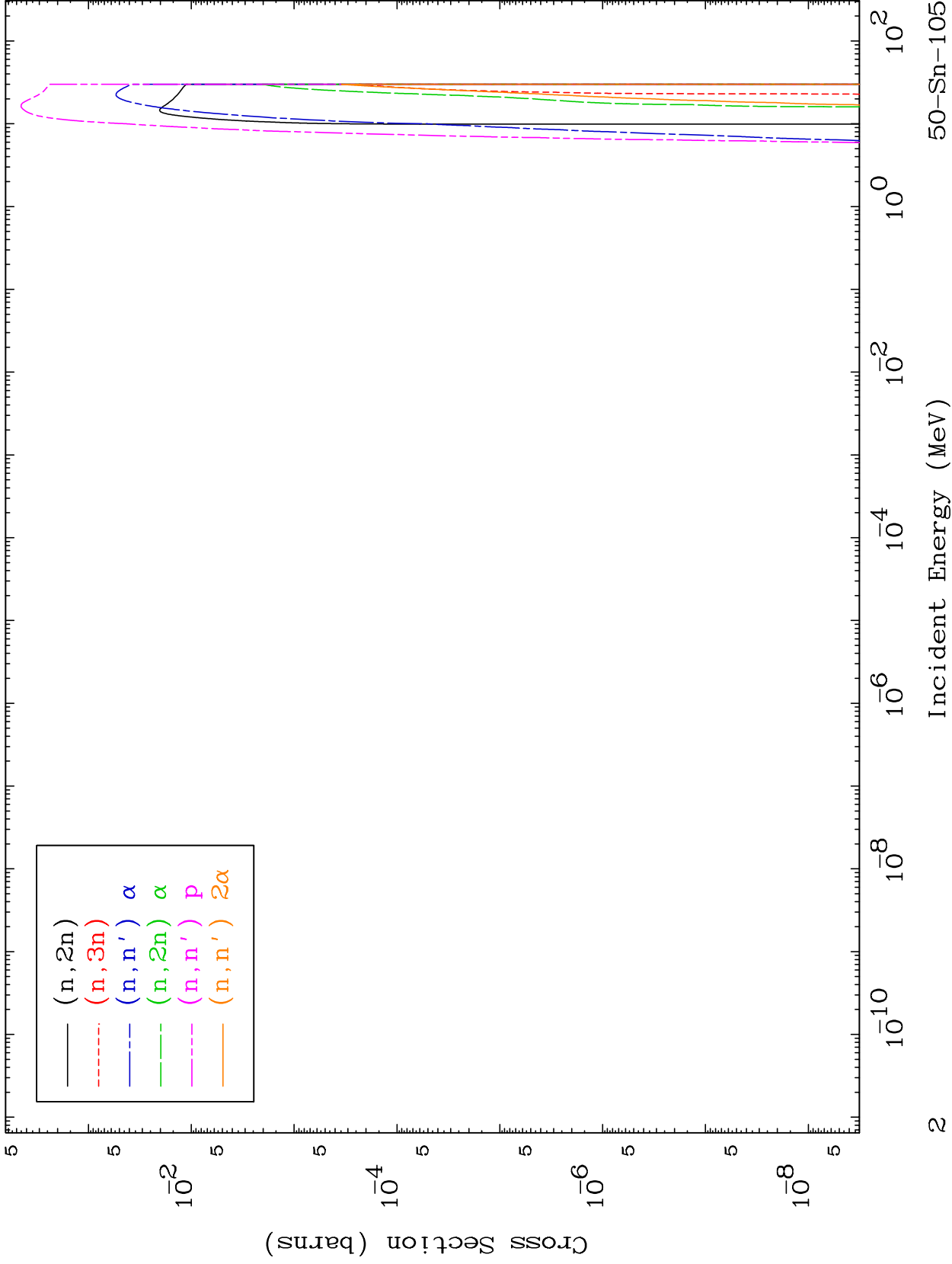
50-Sn-105



MAT 5004

Neutron Production
293 Kelvin Cross Sections

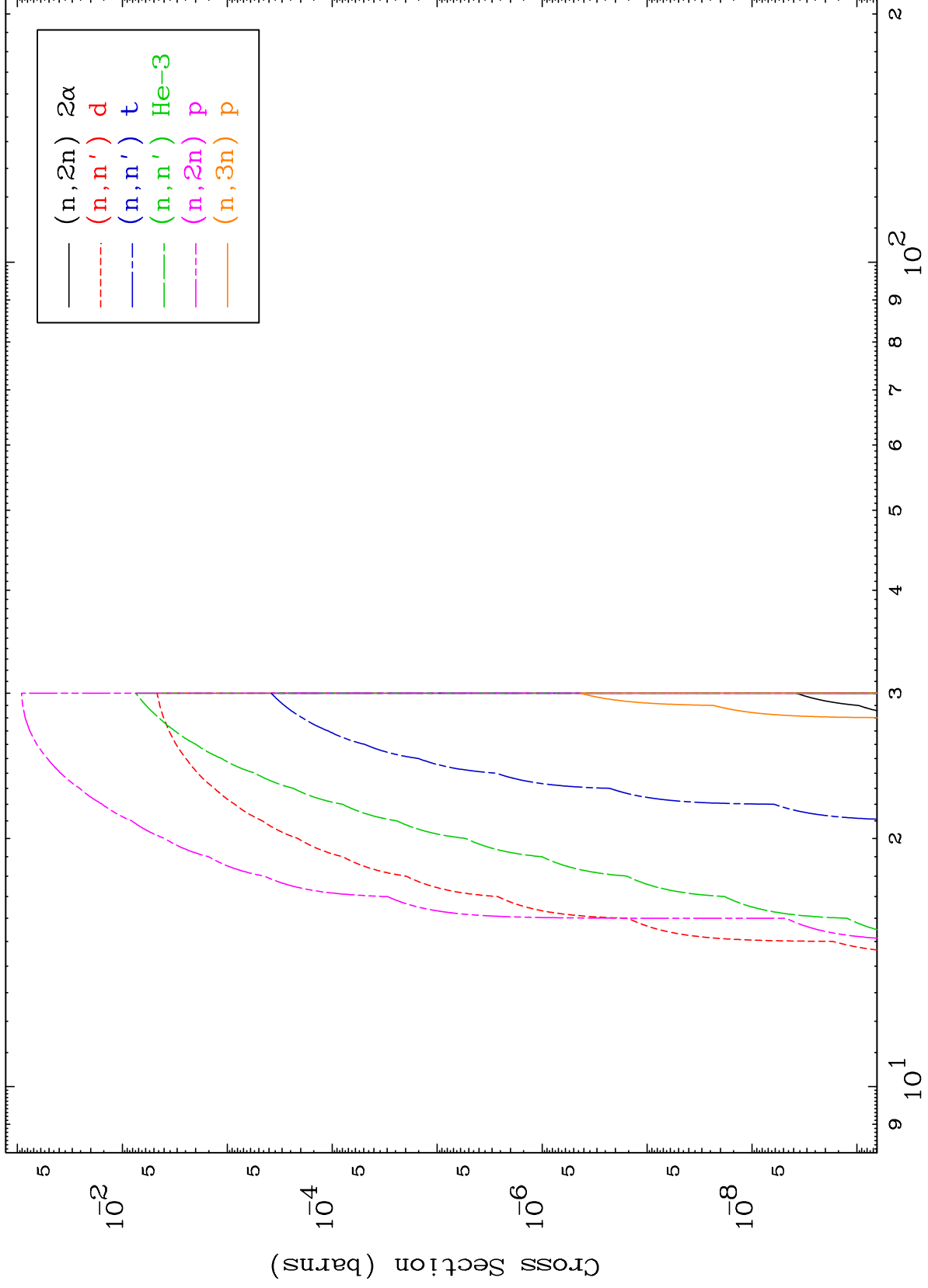
50-Sn-105



MAT 5004

Neutron Production
293 Kelvin Cross Sections

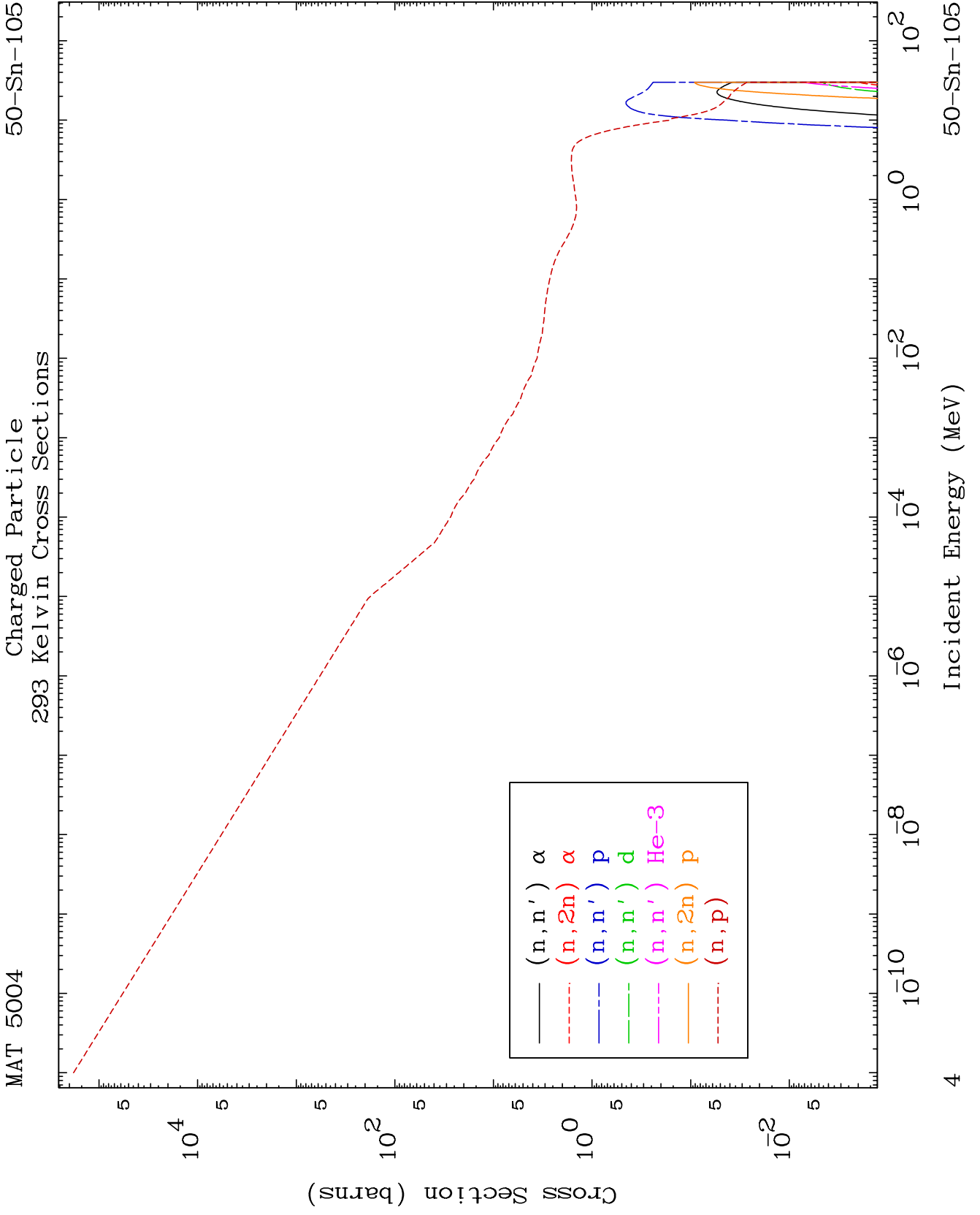
50-Sn-105



50-Sn-105

Incident Energy (MeV)

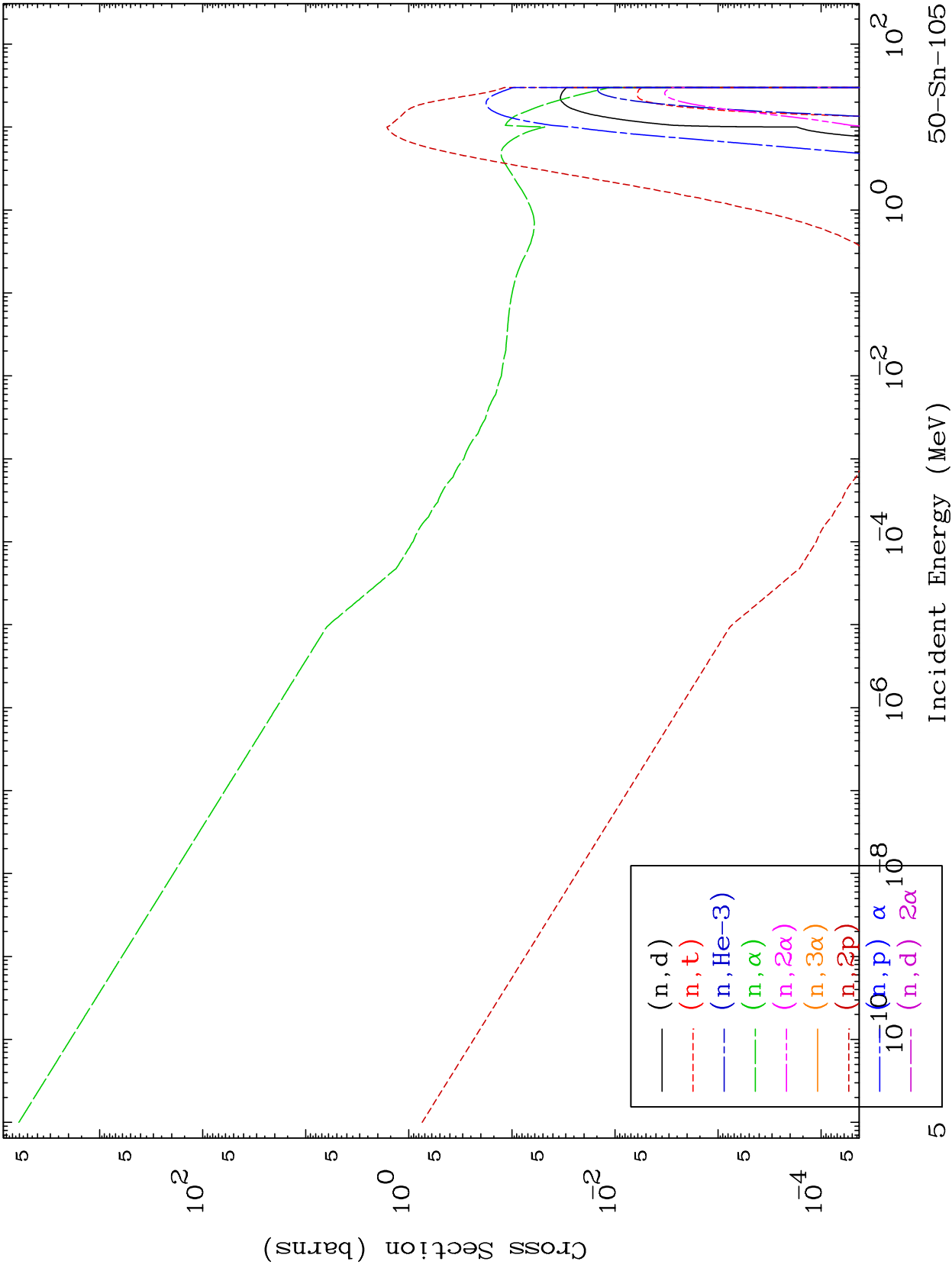
3



MAT 5004

Charged Particle
293 Kelvin Cross Sections

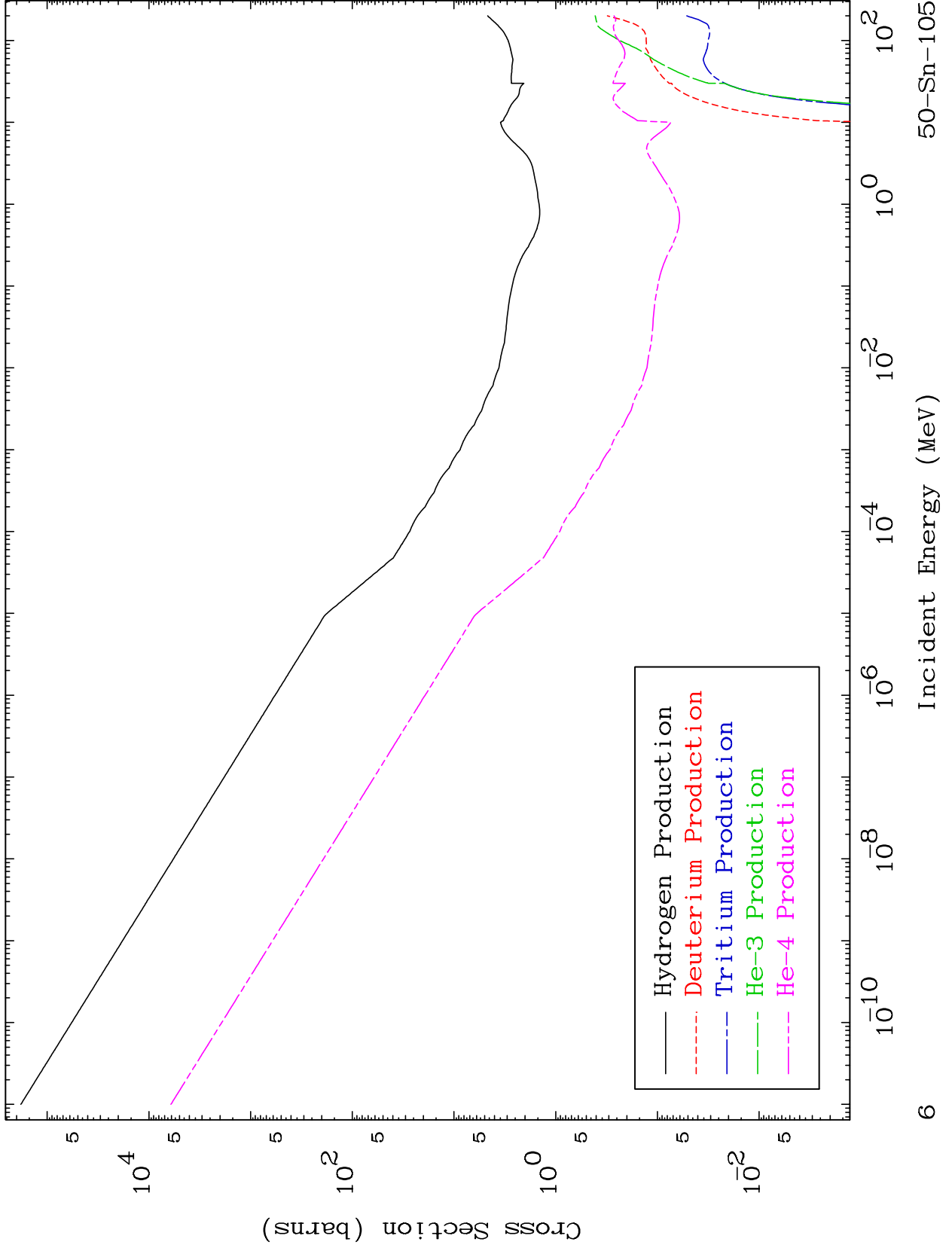
50-Sn-105

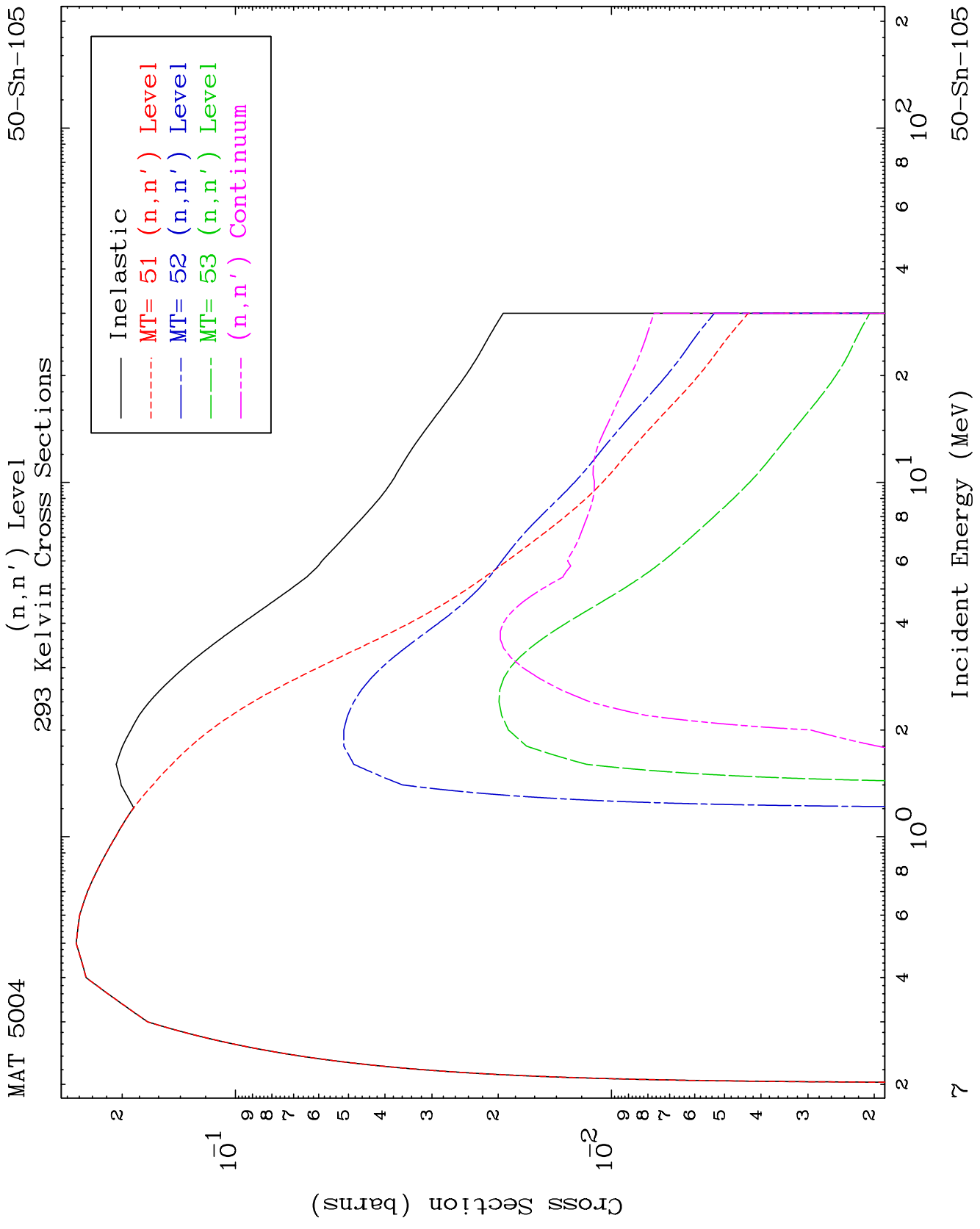


MAT 5004

Particle Production
293 Kelvin Cross Sections

50-Sn-105

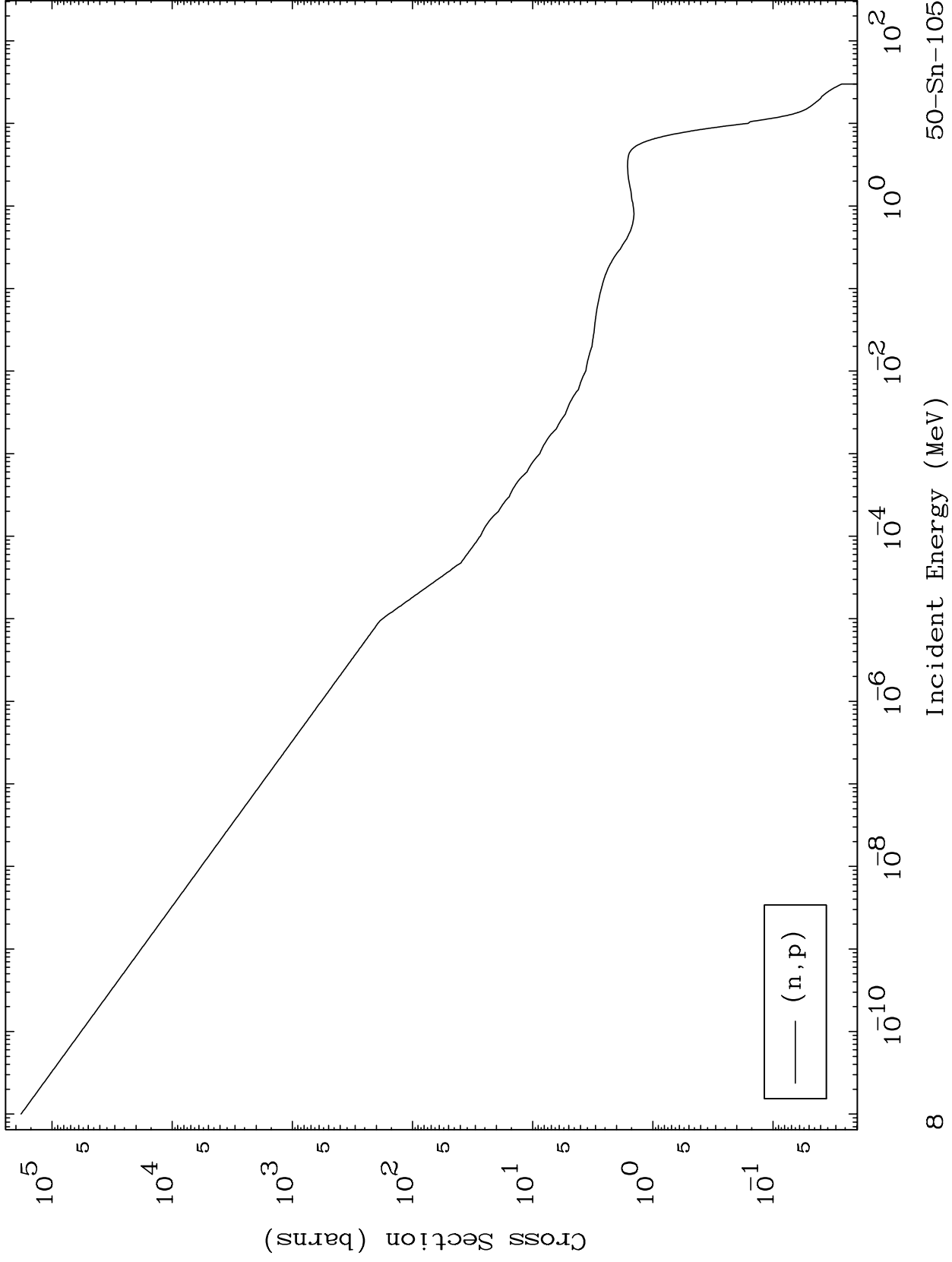




MAT 5004

(n,p) Levels
293 Kelvin Cross Sections

50-Sn-105

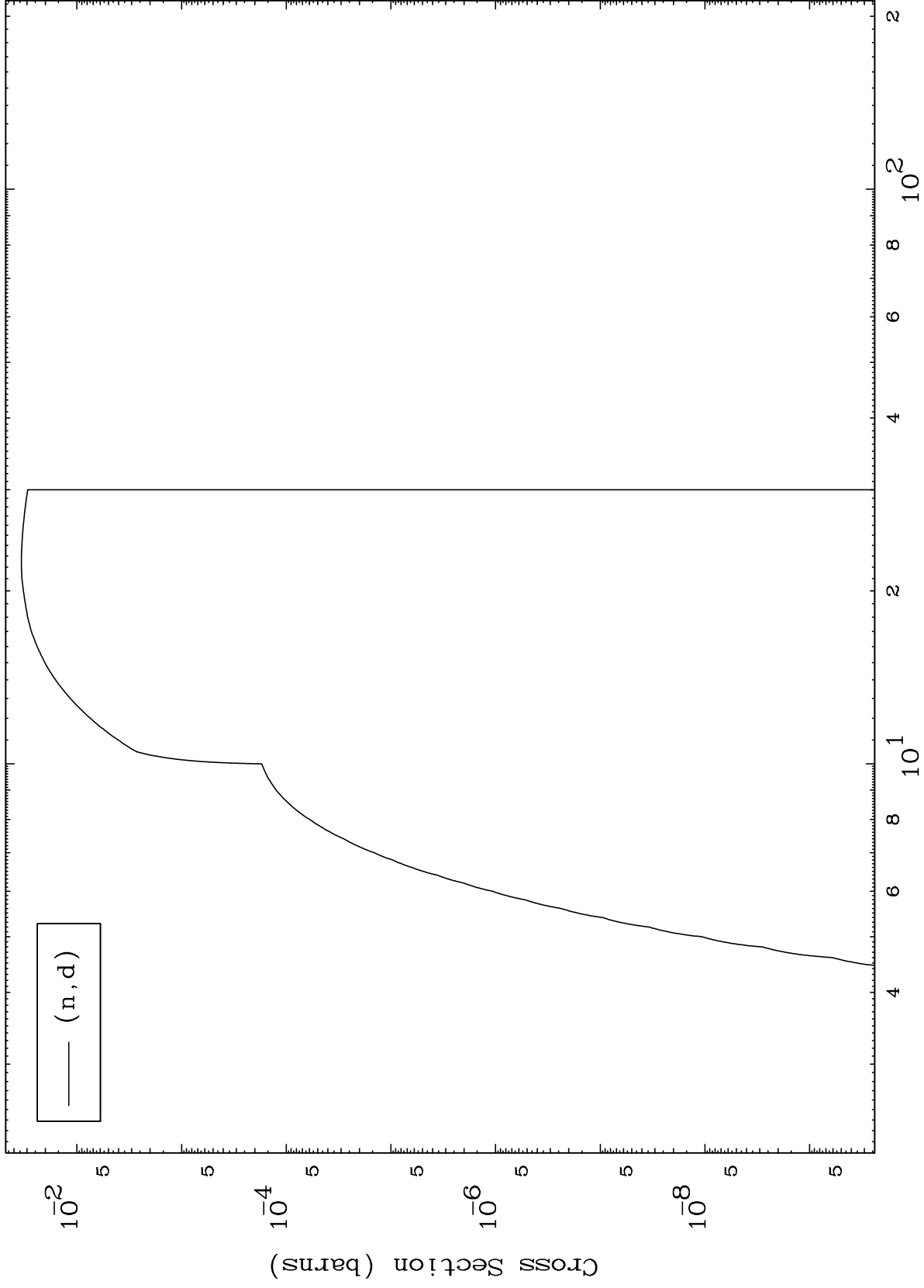


— (n,p)

MAT 5004

(n,d) Levels
293 Kelvin Cross Sections

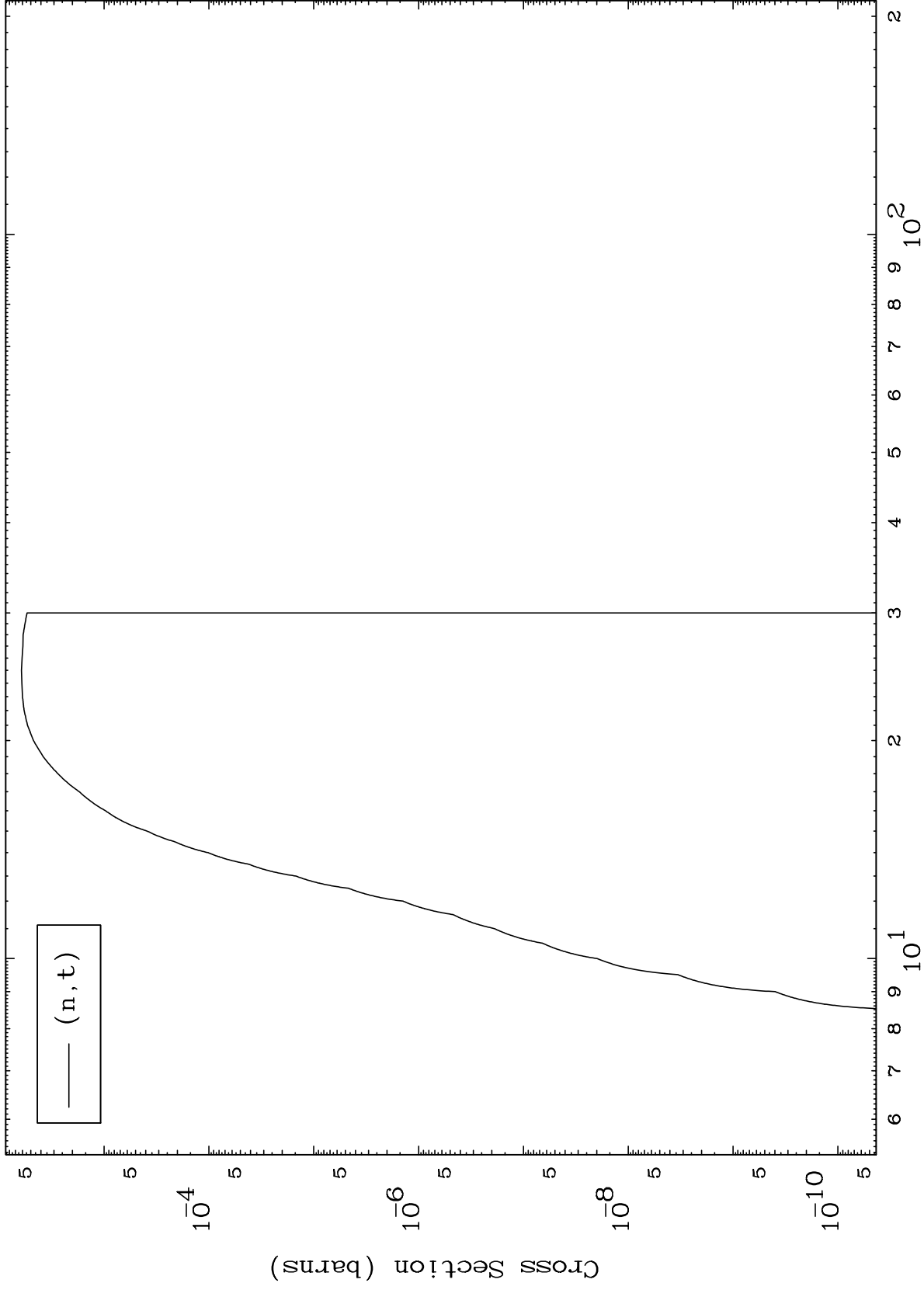
50-Sn-105



MAT 5004

(n,t) Levels
293 Kelvin Cross Sections

50-Sn-105



10

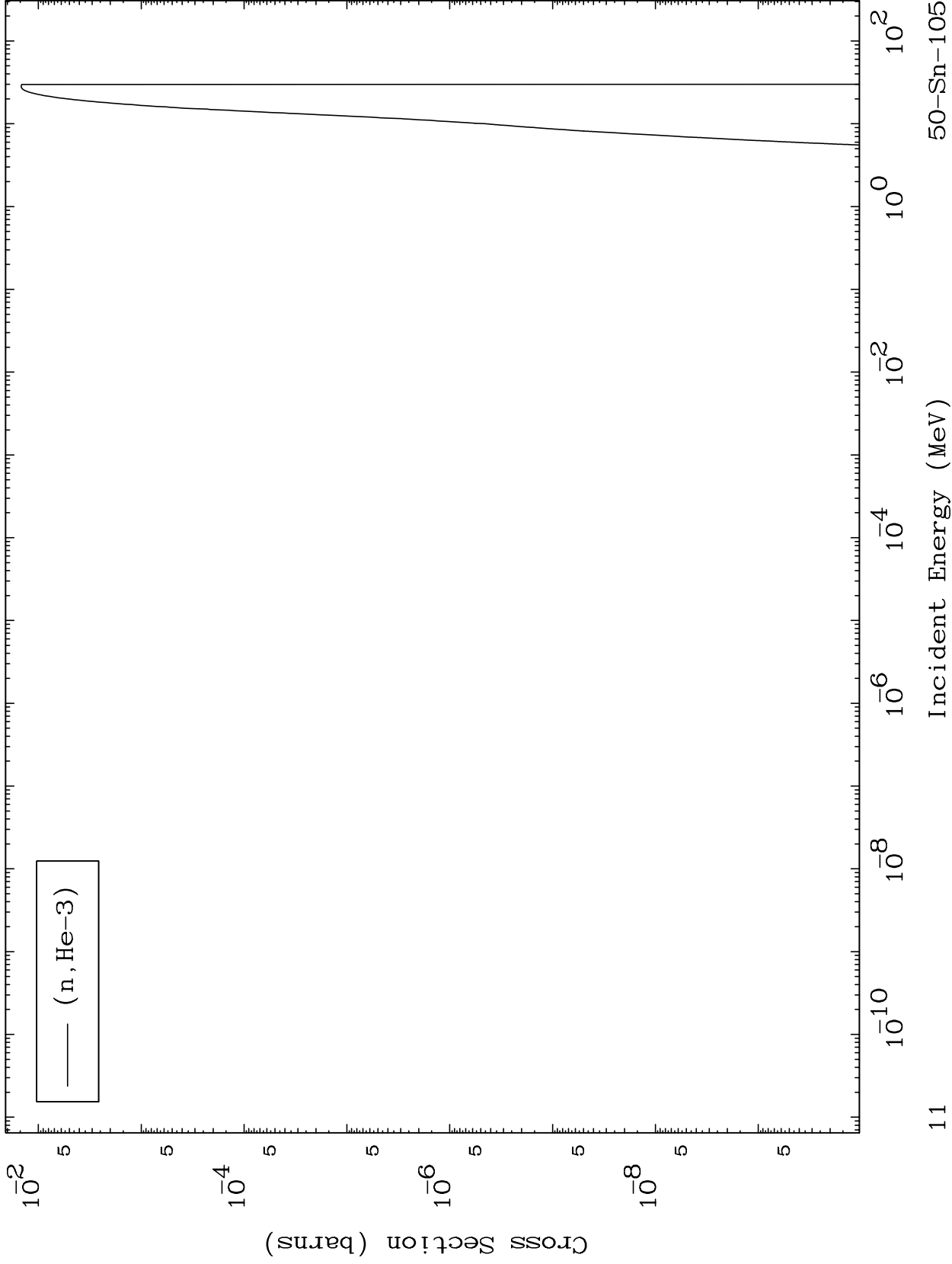
Incident Energy (MeV)

50-Sn-105

MAT 5004

(n,He3) Levels
293 Kelvin Cross Sections

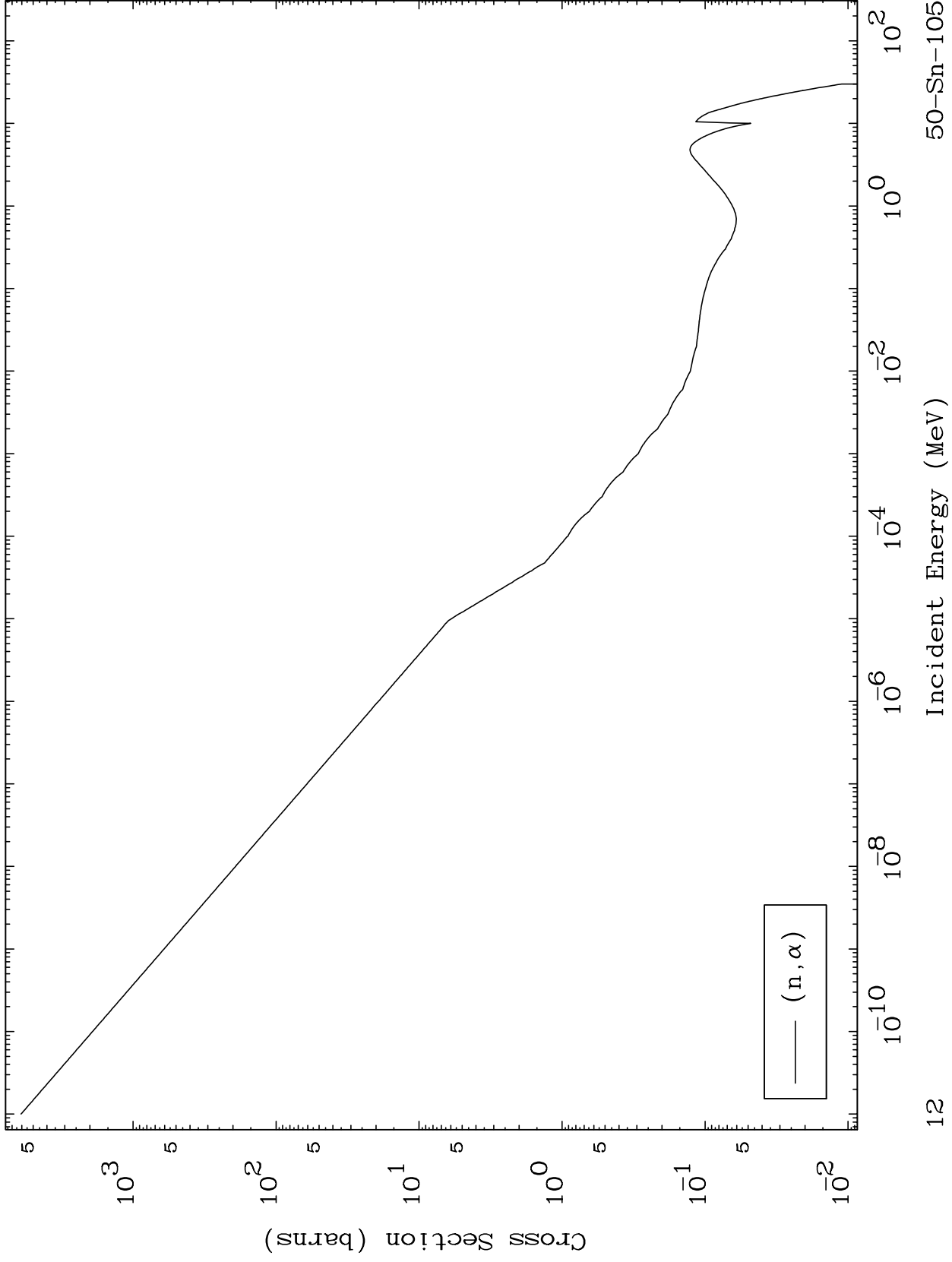
50-Sn-105



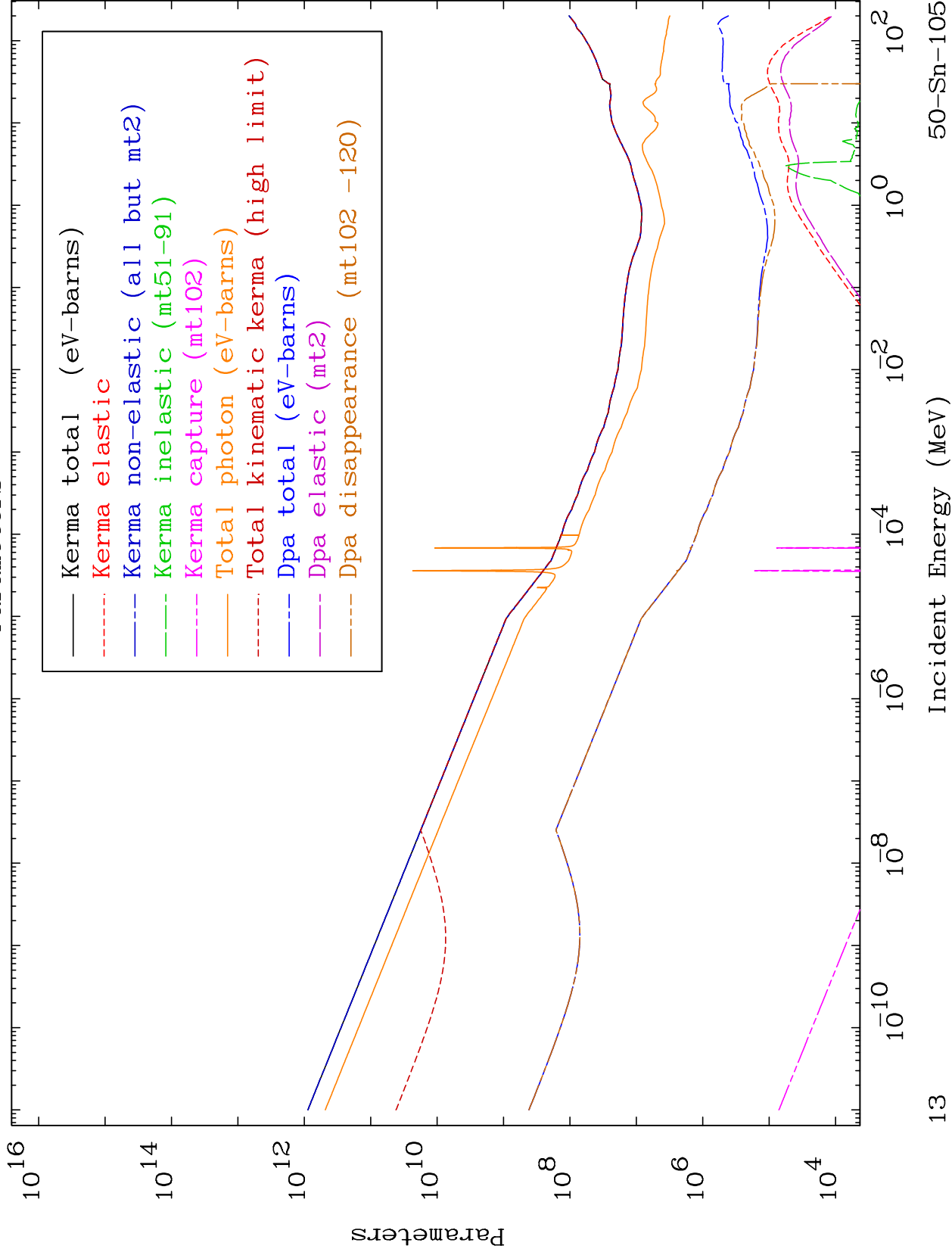
MAT 5004

(n, α) Levels
293 Kelvin Cross Sections

50-Sn-105



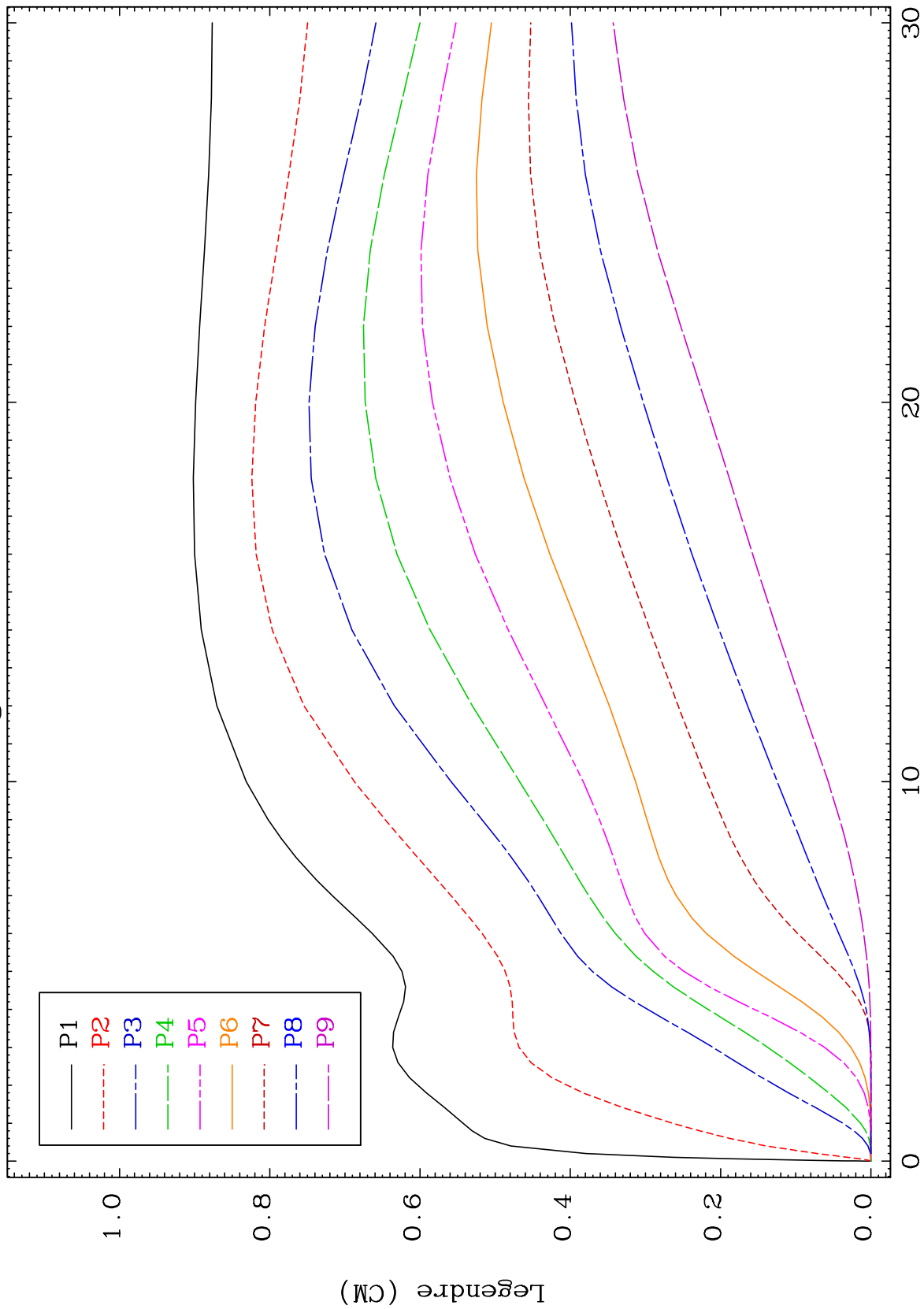
12



MAT 5004

Elastic Legendre Coefficients

50-Sn-105



14

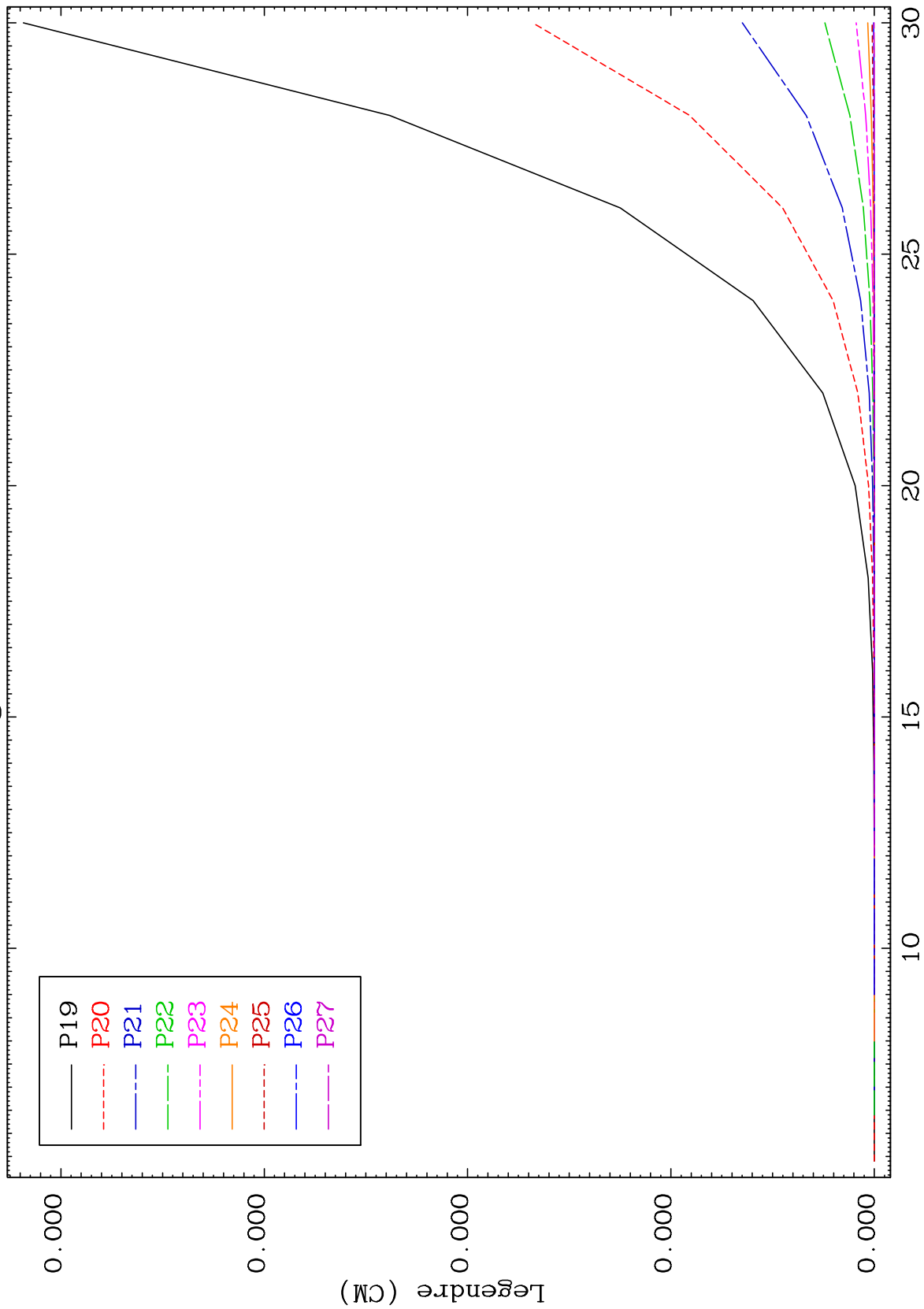
Incident Energy (MeV)

50-Sn-105

MAT 5004

Elastic
Legendre Coefficients

50-Sn-105



16

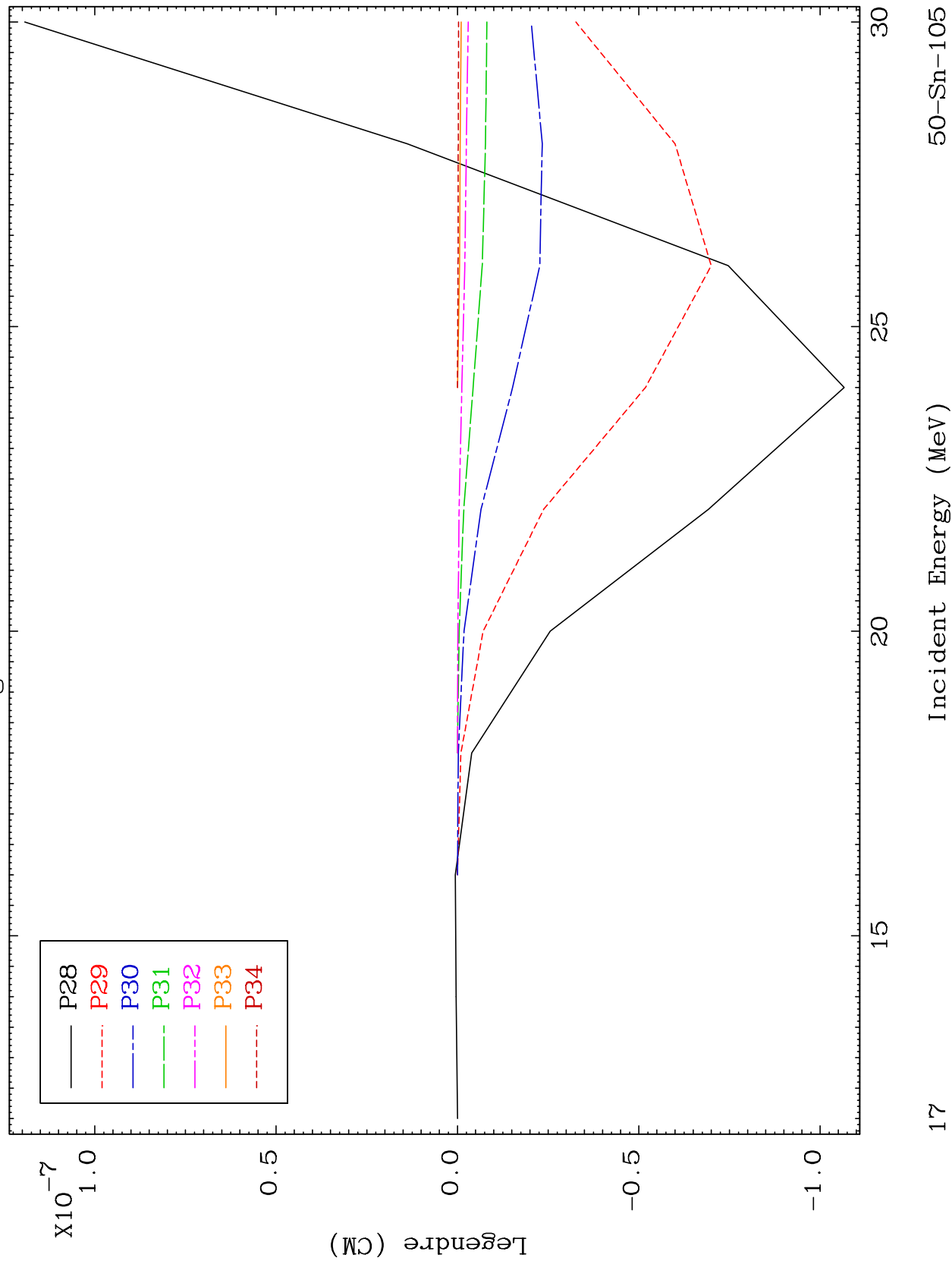
Incident Energy (MeV)

50-Sn-105

MAT 5004

Elastic Legendre Coefficients

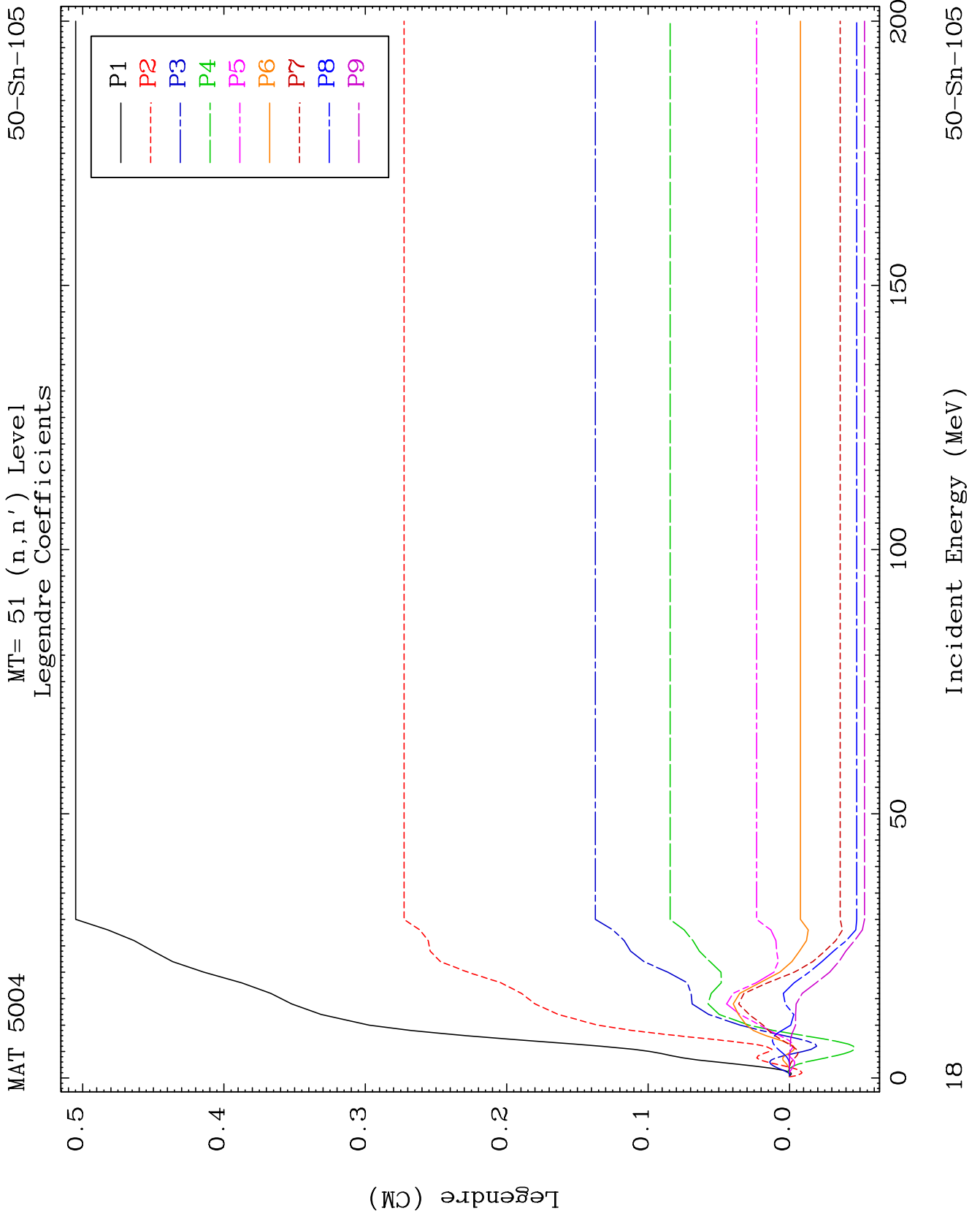
50-Sn-105

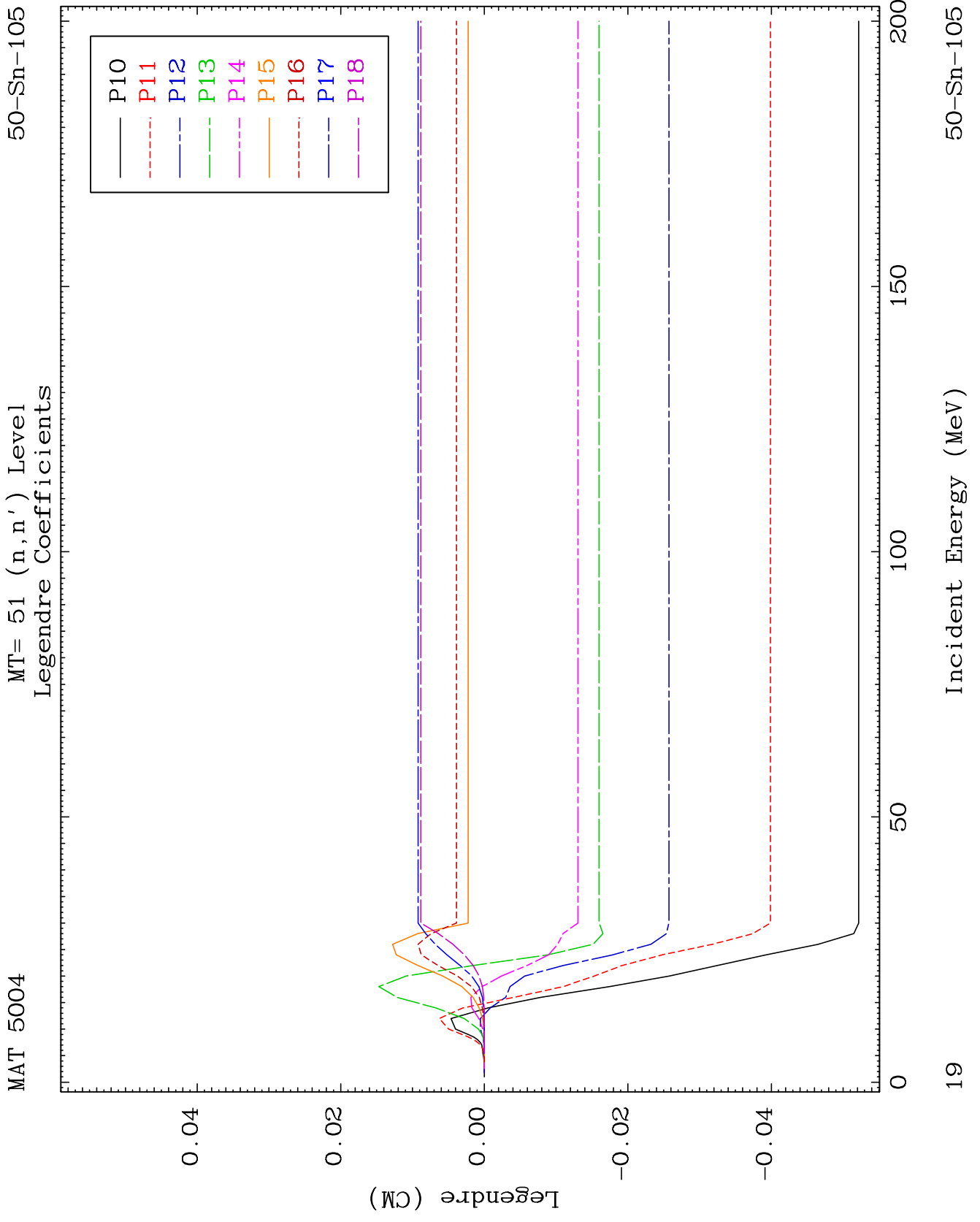


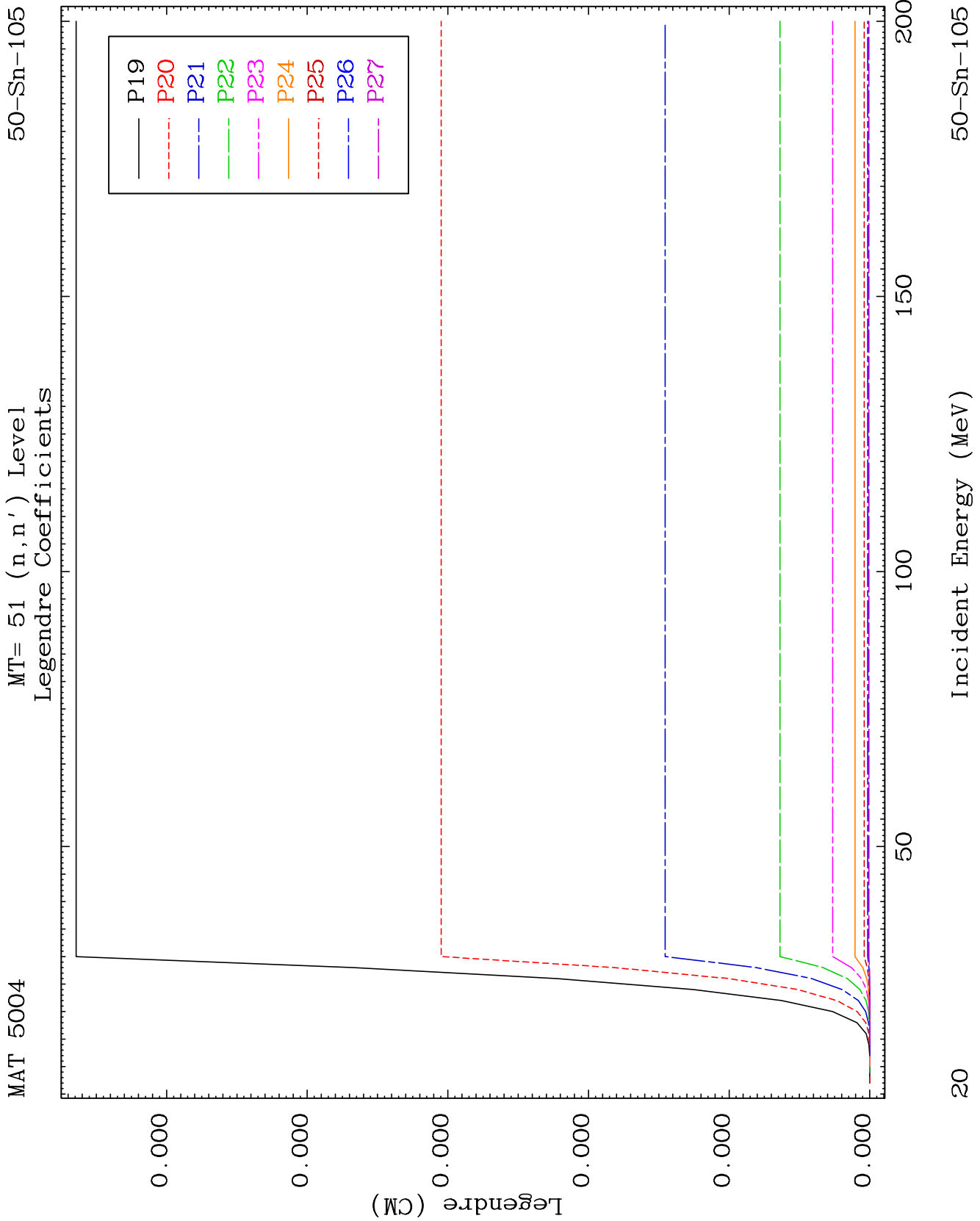
17

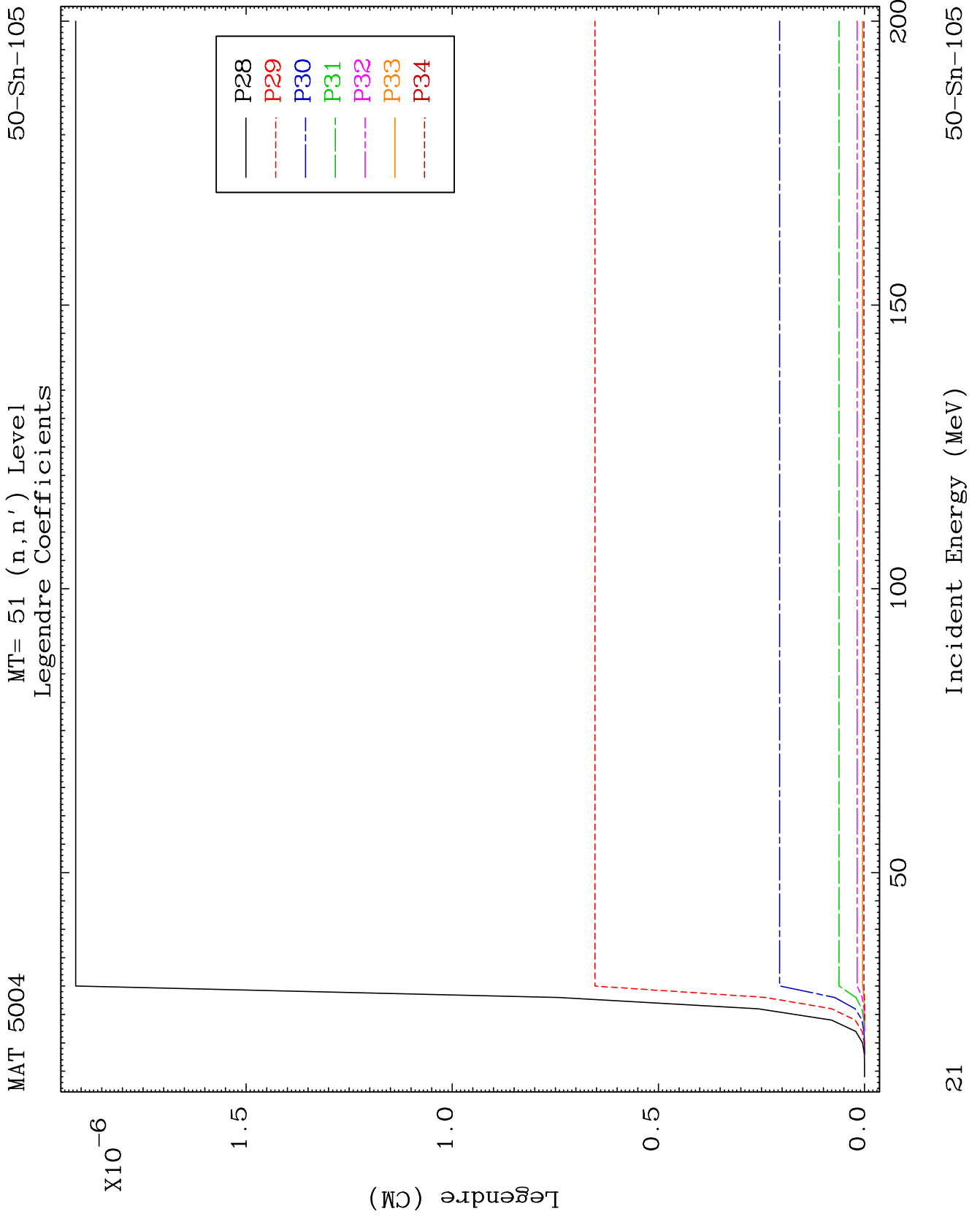
Incident Energy (MeV)

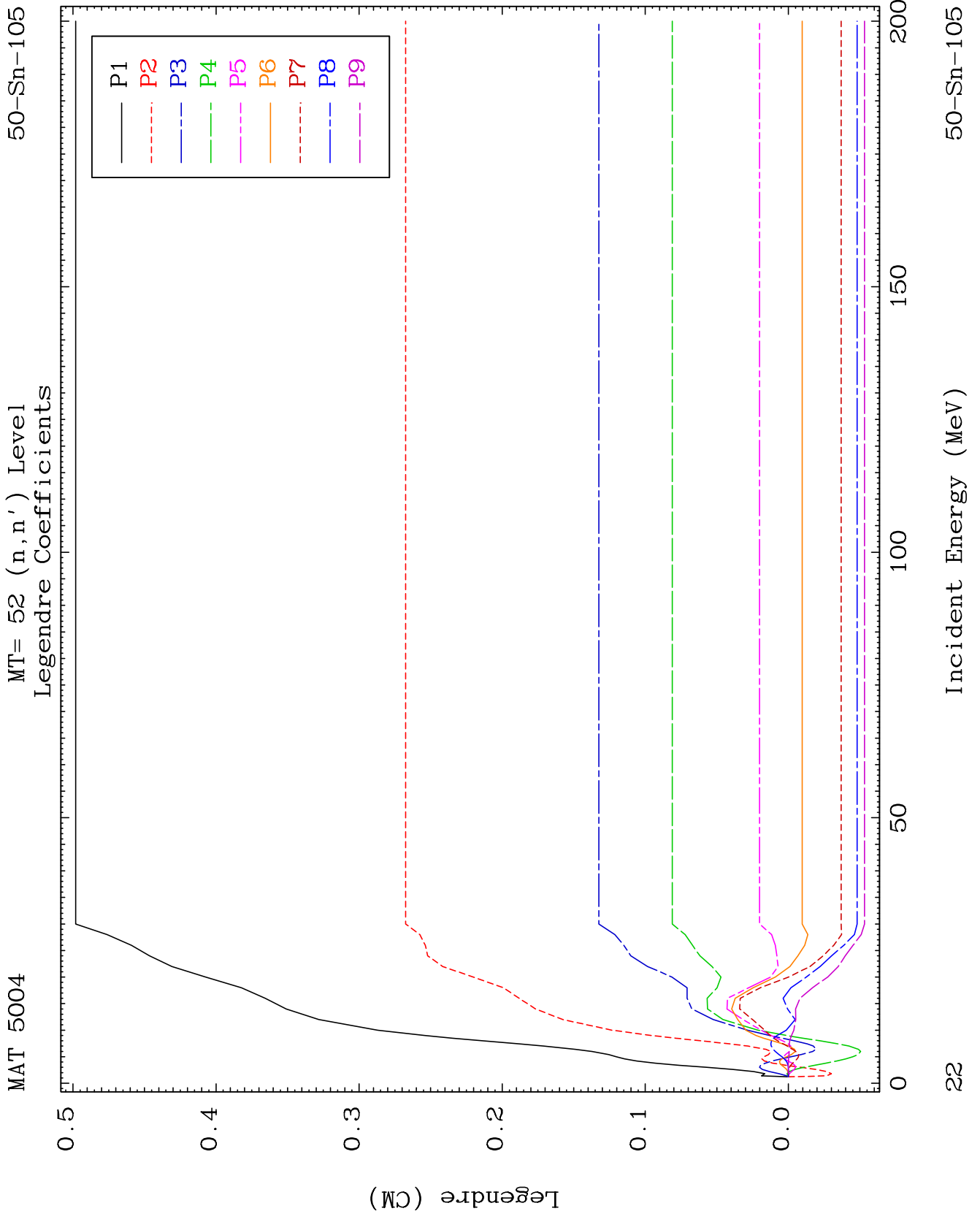
50-Sn-105

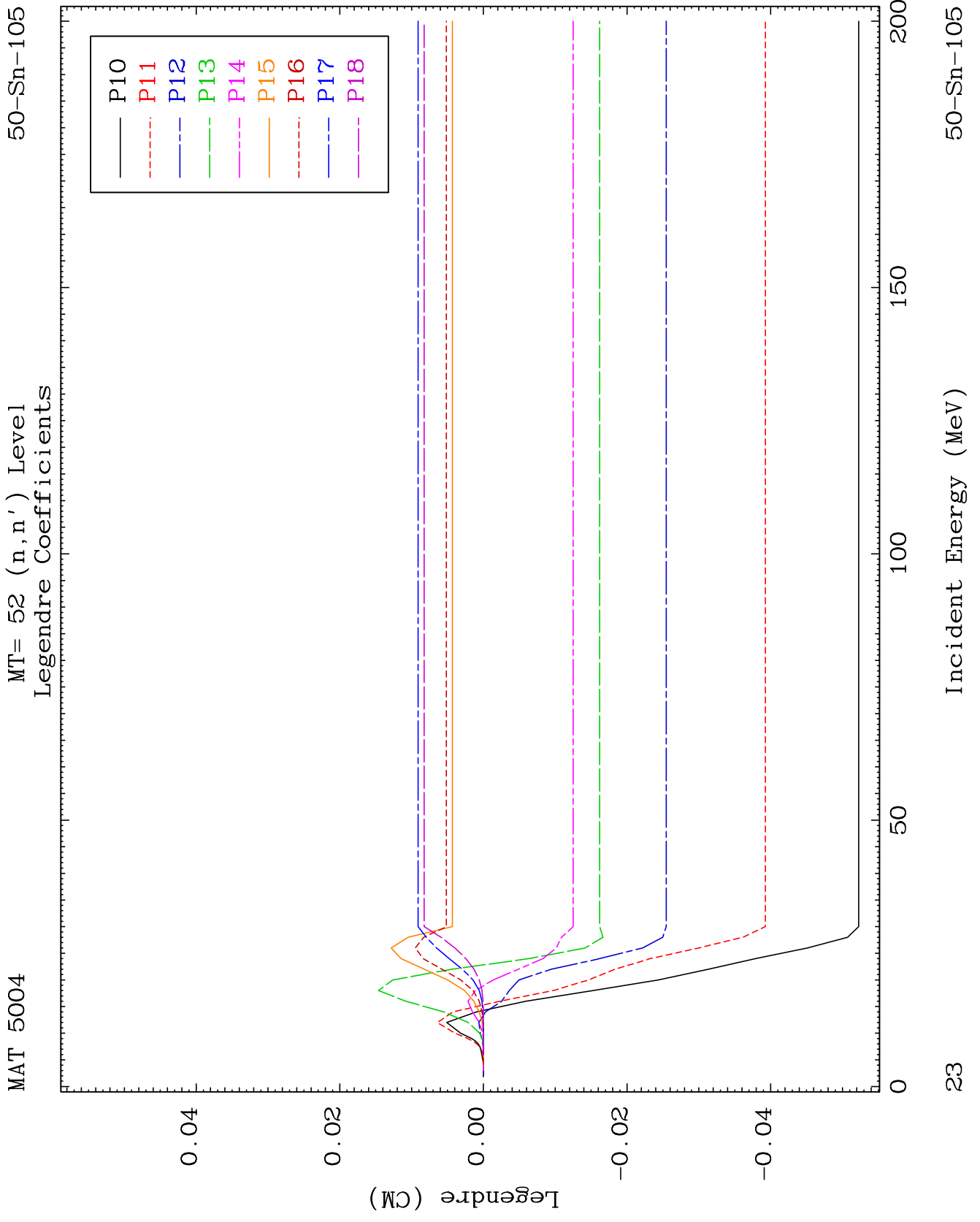


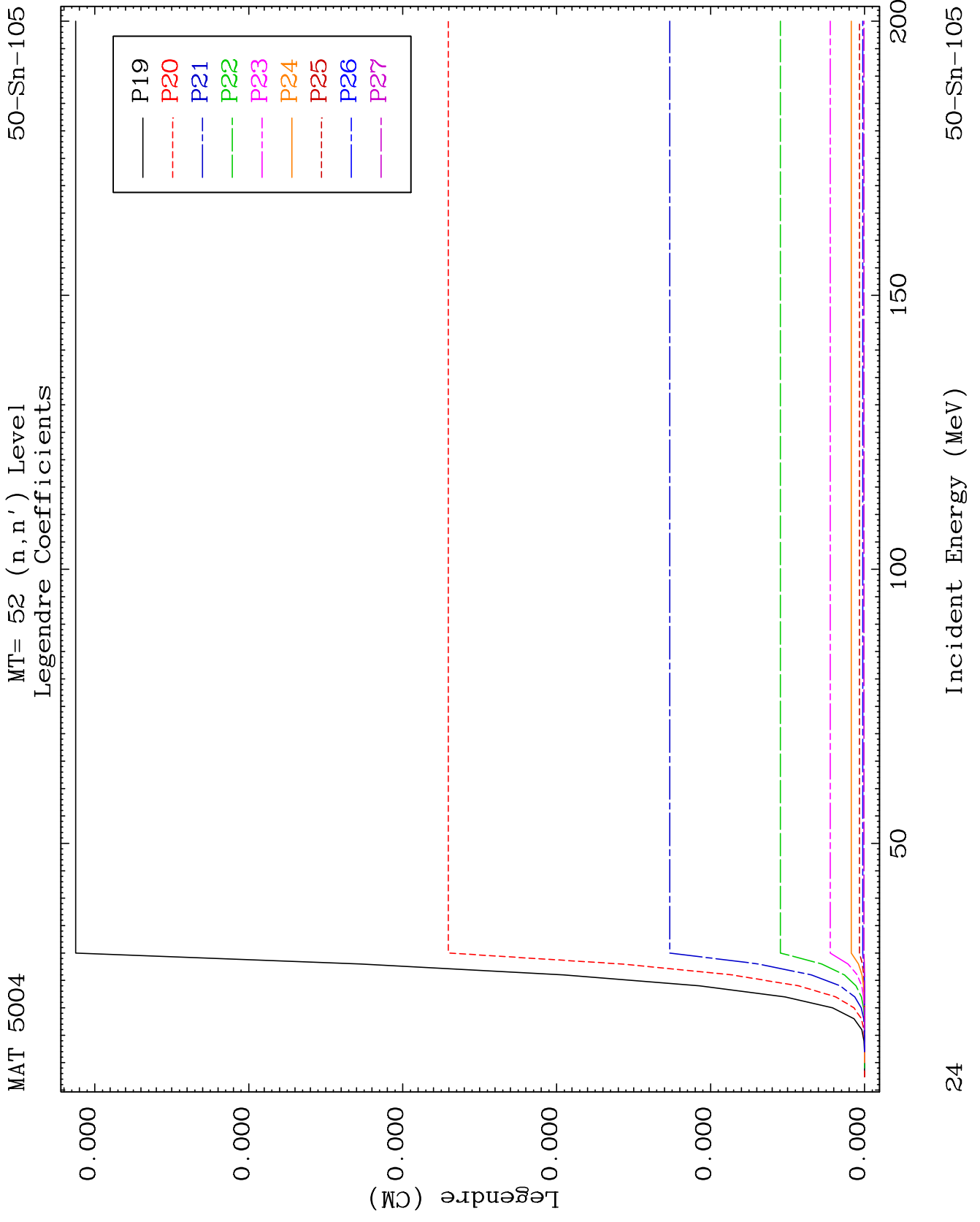


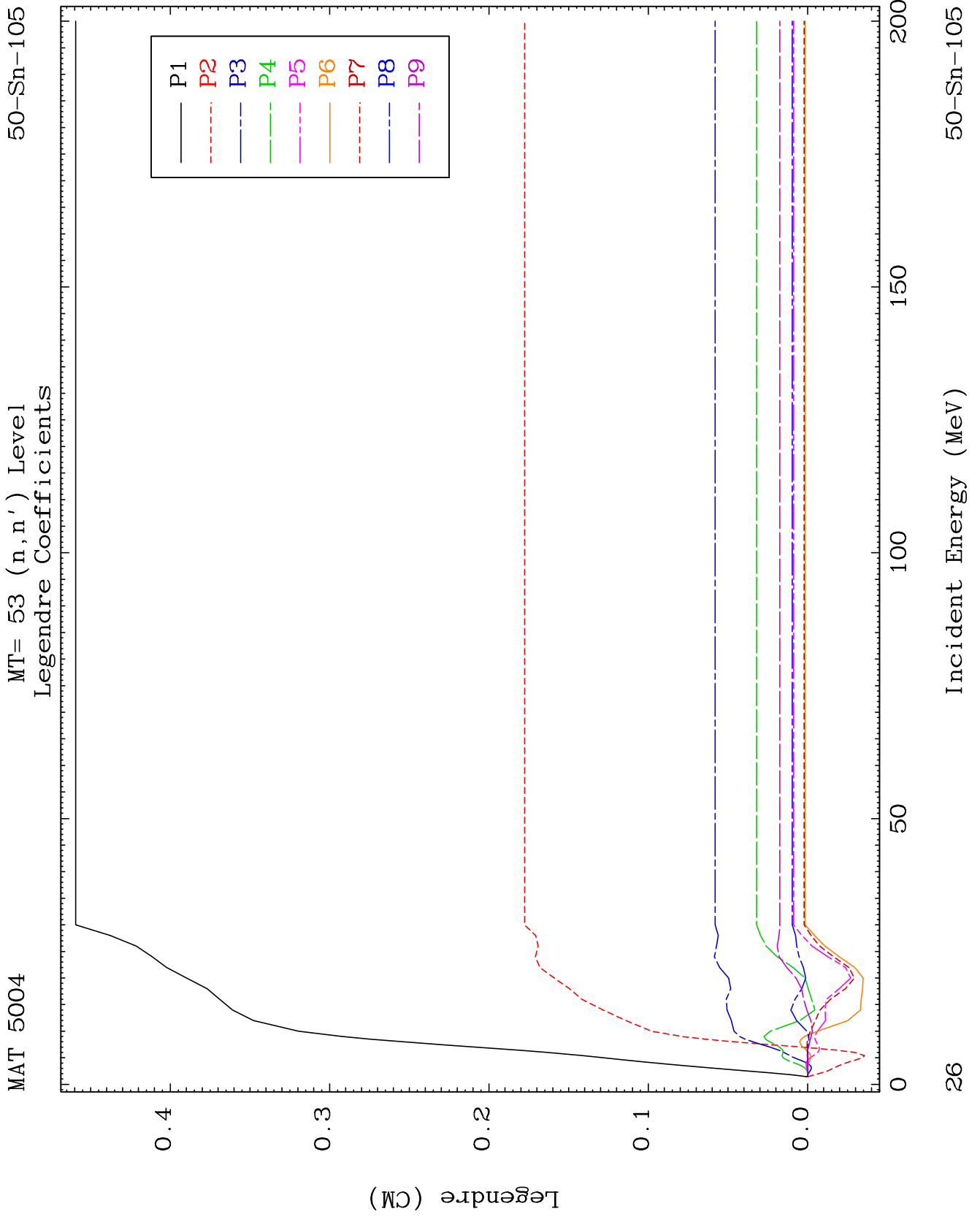








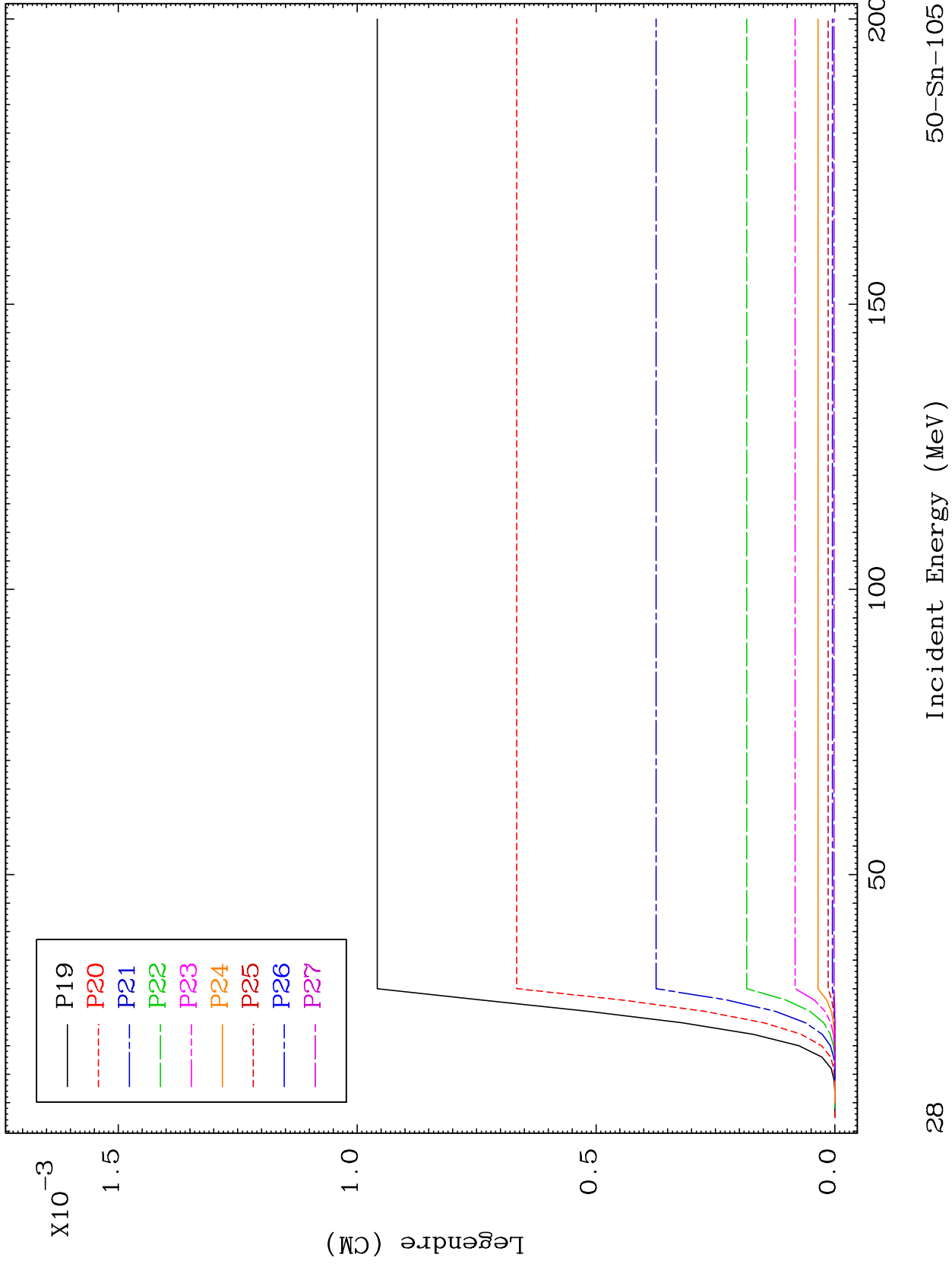




MAT 5004

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

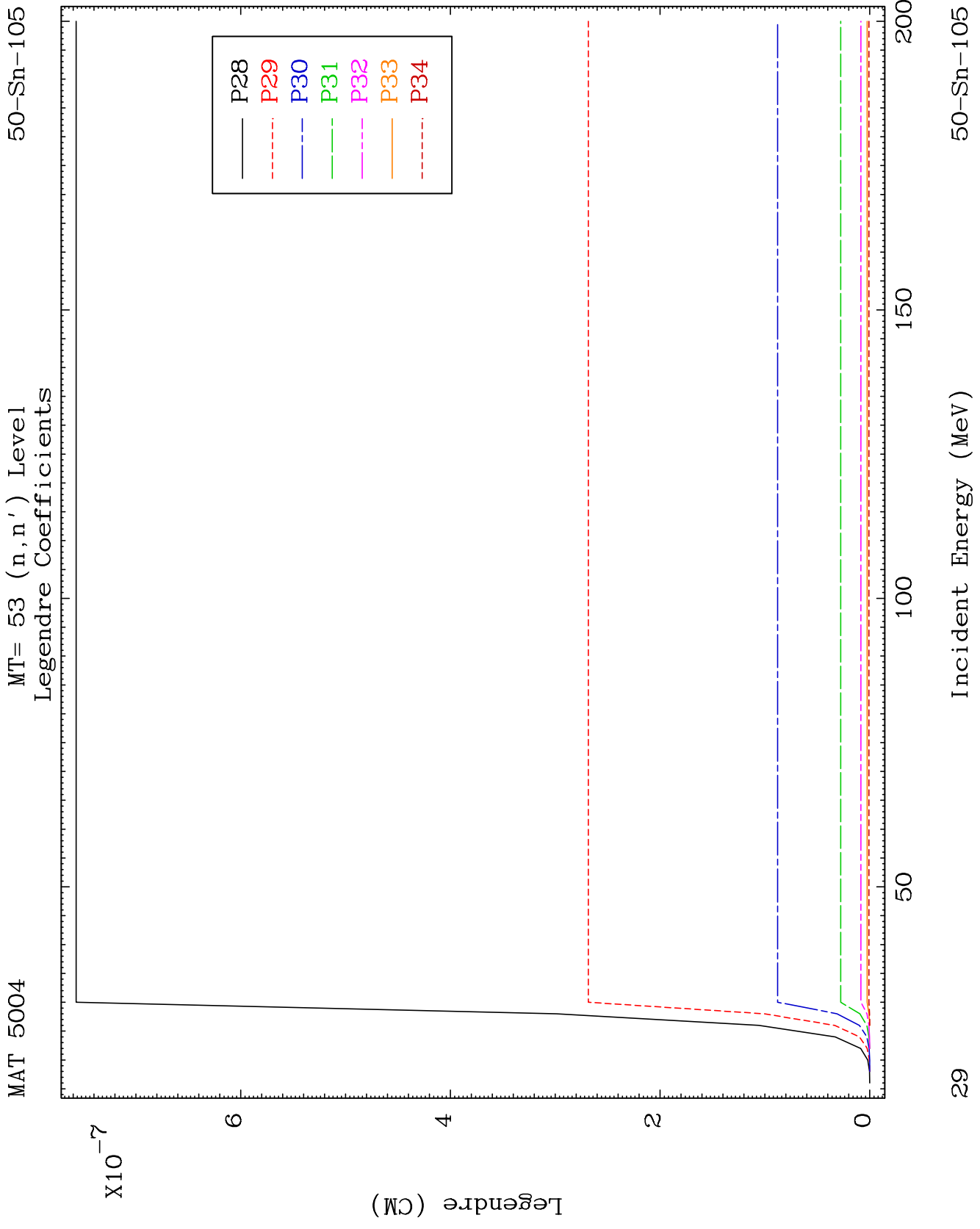
50-Sn-105



28

Incident Energy (MeV)

50-Sn-105

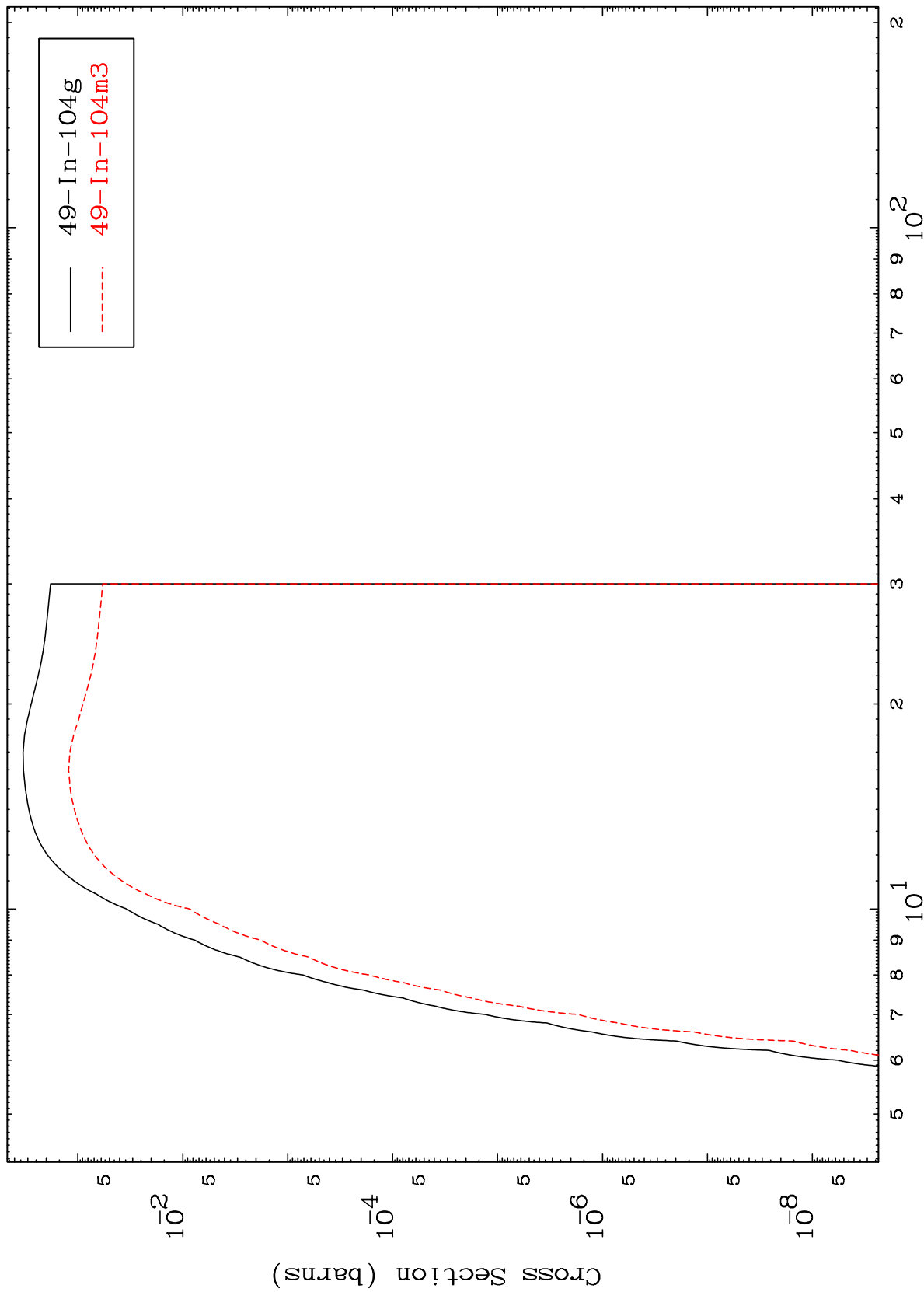


MAT 5004

(n,n') p

50-Sn-105

Radionuclide Production Cross Section



30

Incident Energy (MeV)

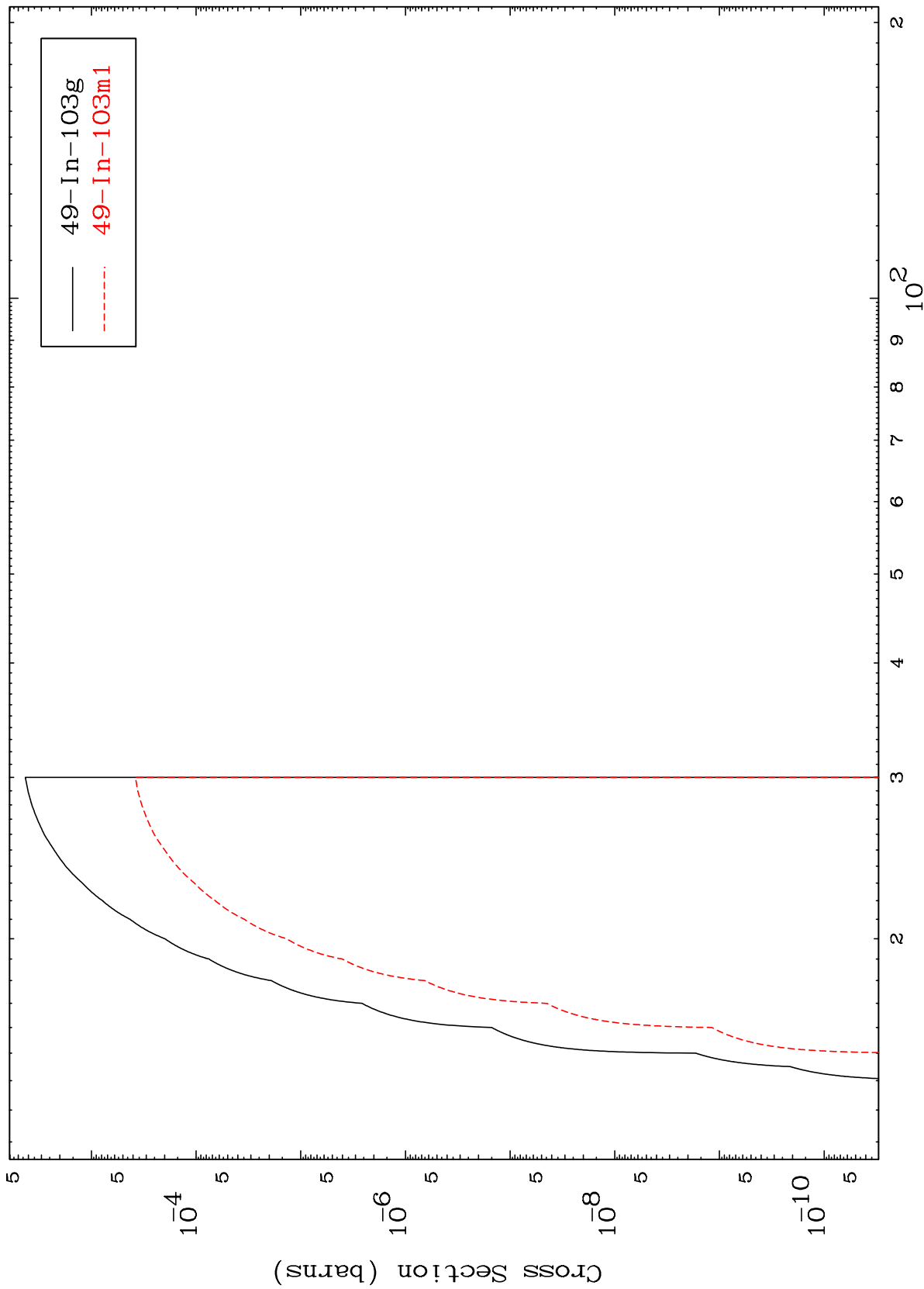
50-Sn-105

MAT 5004

(n,n') d

50-Sn-105

Radionuclide Production Cross Section



31

Incident Energy (MeV)

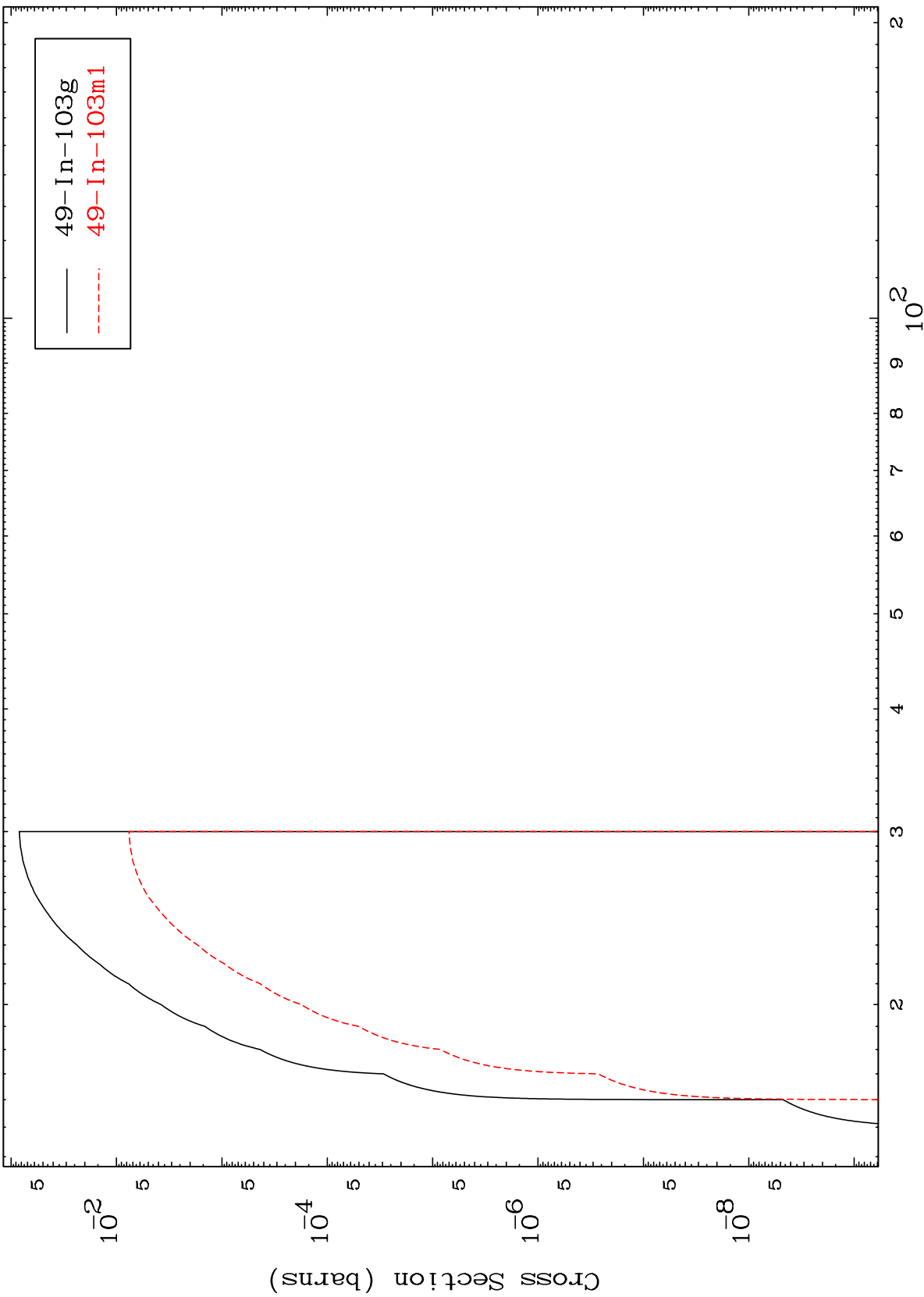
50-Sn-105

MAT 5004

(n,2n) p

50-Sn-105

Radionuclide Production Cross Section



49-In-103g
49-In-103m1

32

Incident Energy (MeV)

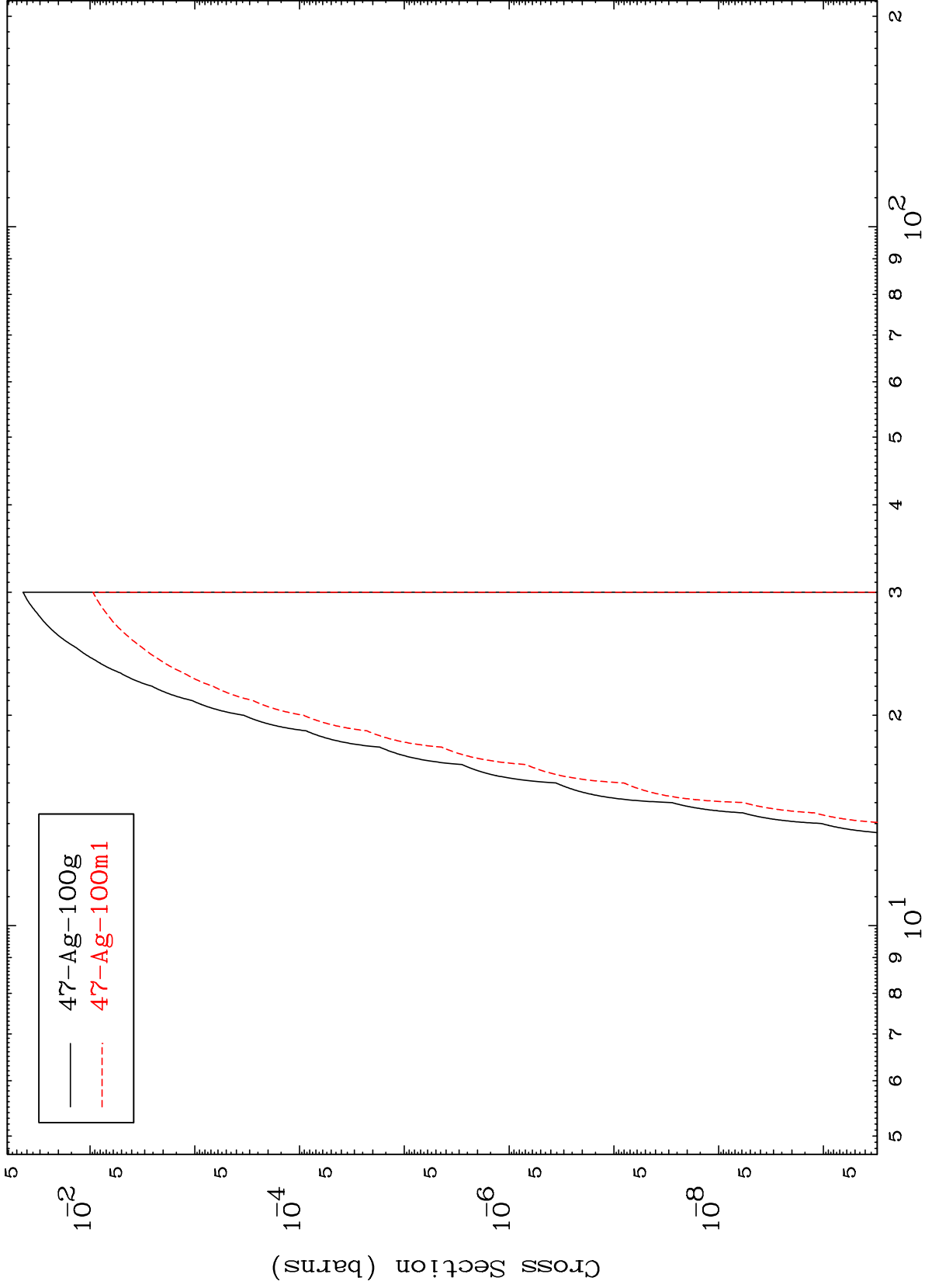
50-Sn-105

MAT 5004

(n,n') p α

50-Sn-105

Radionuclide Production Cross Section



33

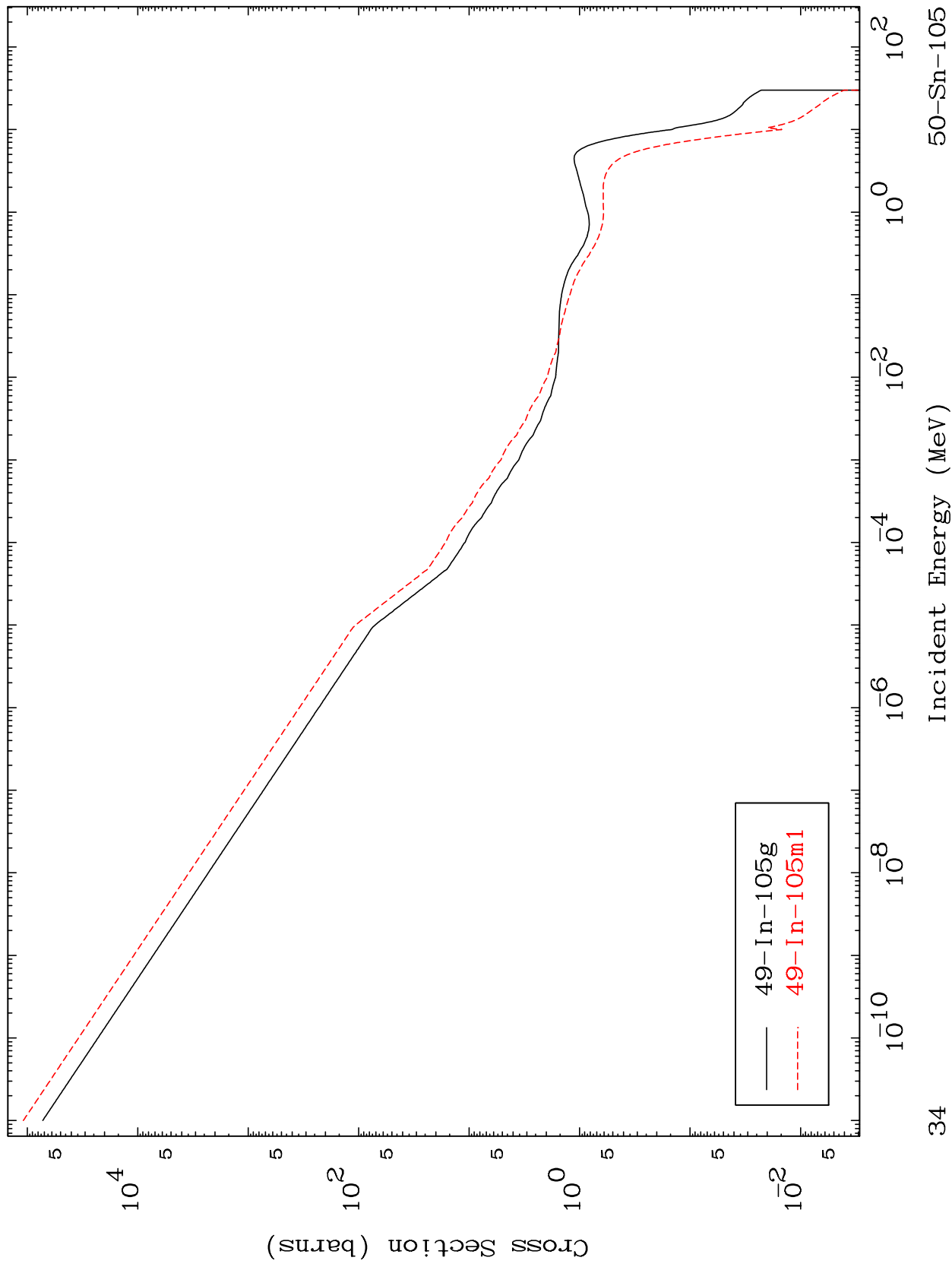
Incident Energy (MeV)

50-Sn-105

MAT 5004

50-Sn-105

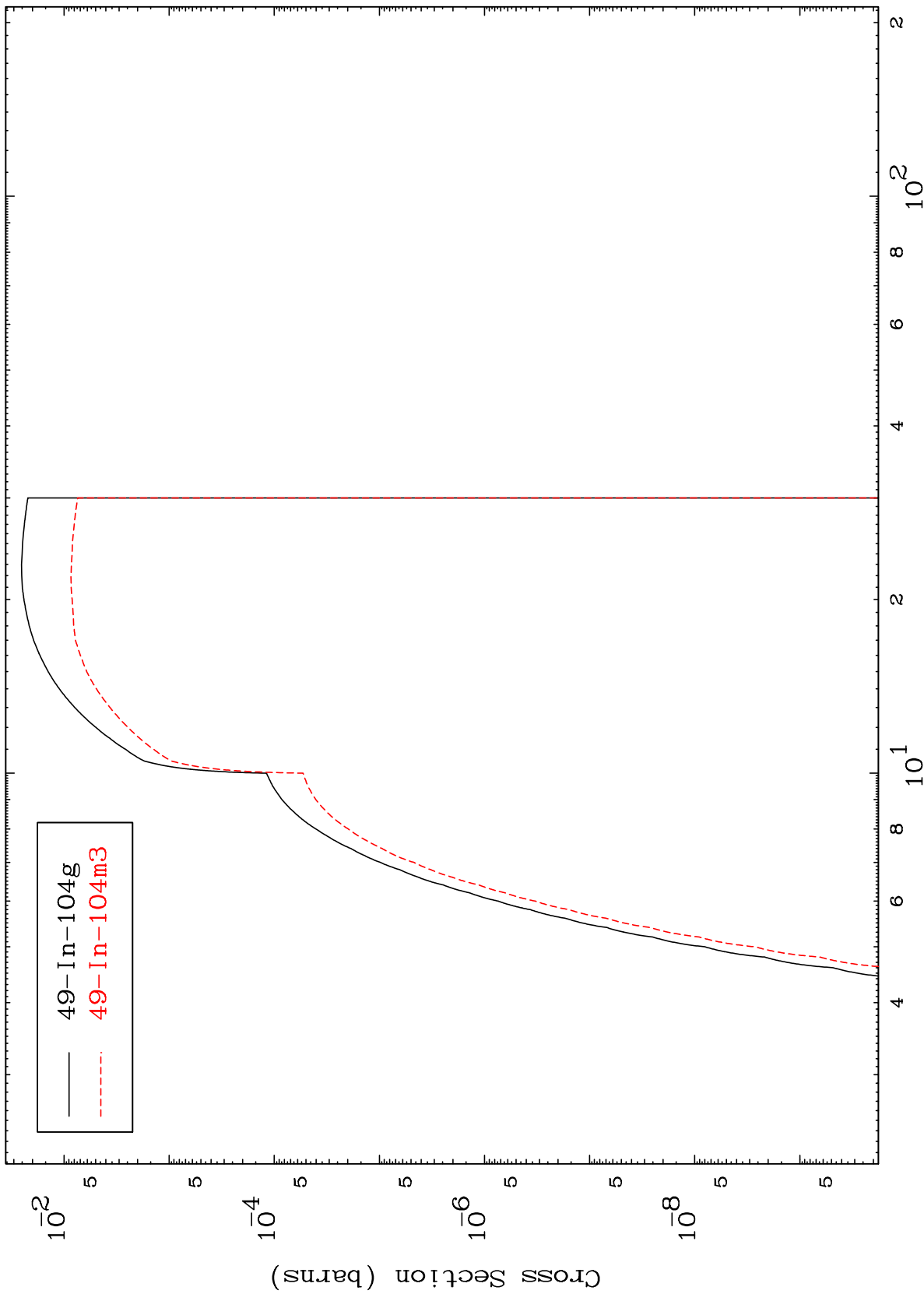
(n,p)
Radionuclide Production Cross Section



MAT 5004

50-Sn-105

(n,d)
Radionuclide Production Cross Section



— 49-In-104g
- - - 49-In-104m3

50-Sn-105

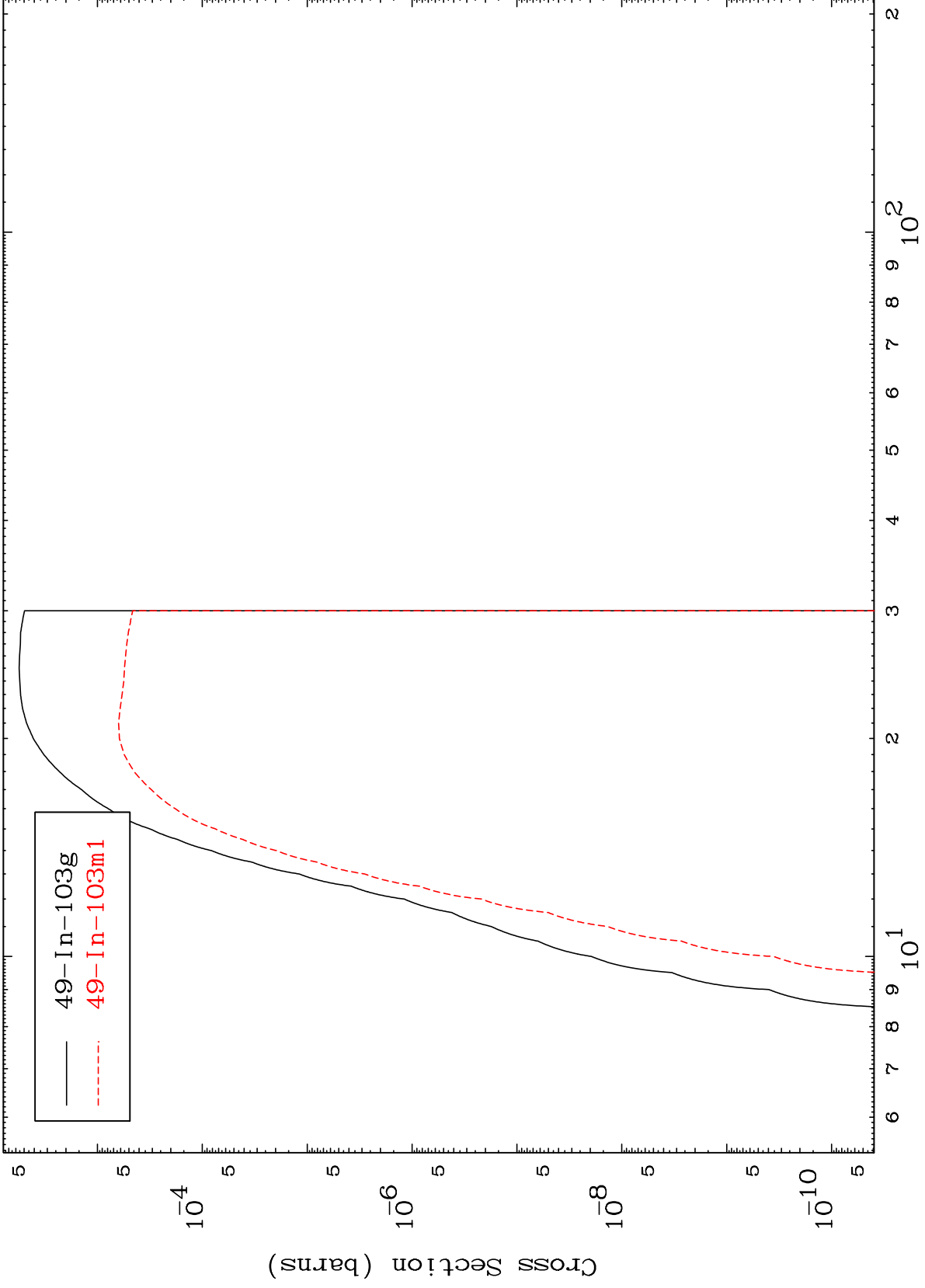
Incident Energy (MeV)

35

MAT 5004

50-Sn-105

(n, t)
Radionuclide Production Cross Section



36

Incident Energy (MeV)

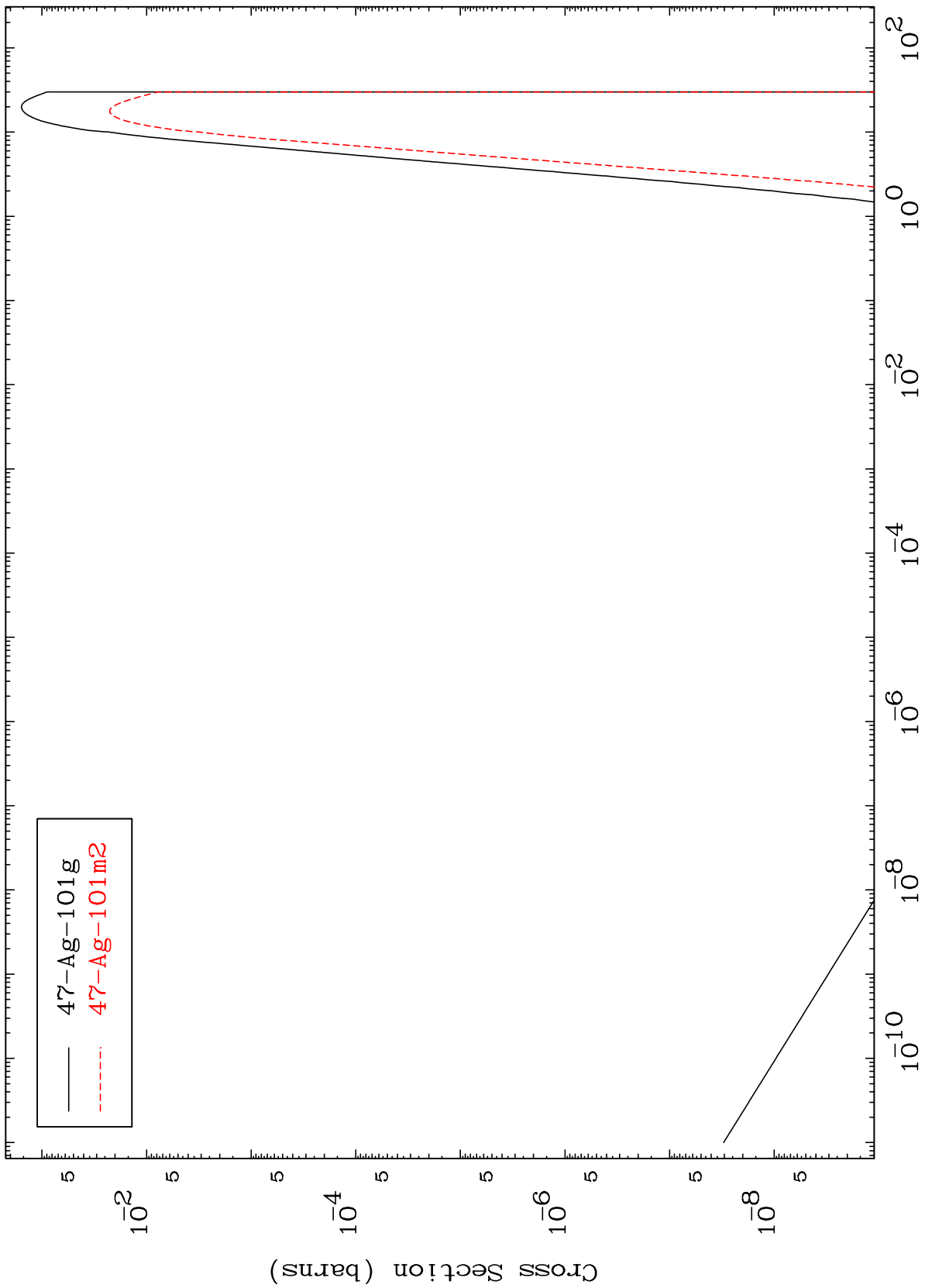
50-Sn-105

MAT 5004

(n,p) α

50-Sn-105

Radionuclide Production Cross Section

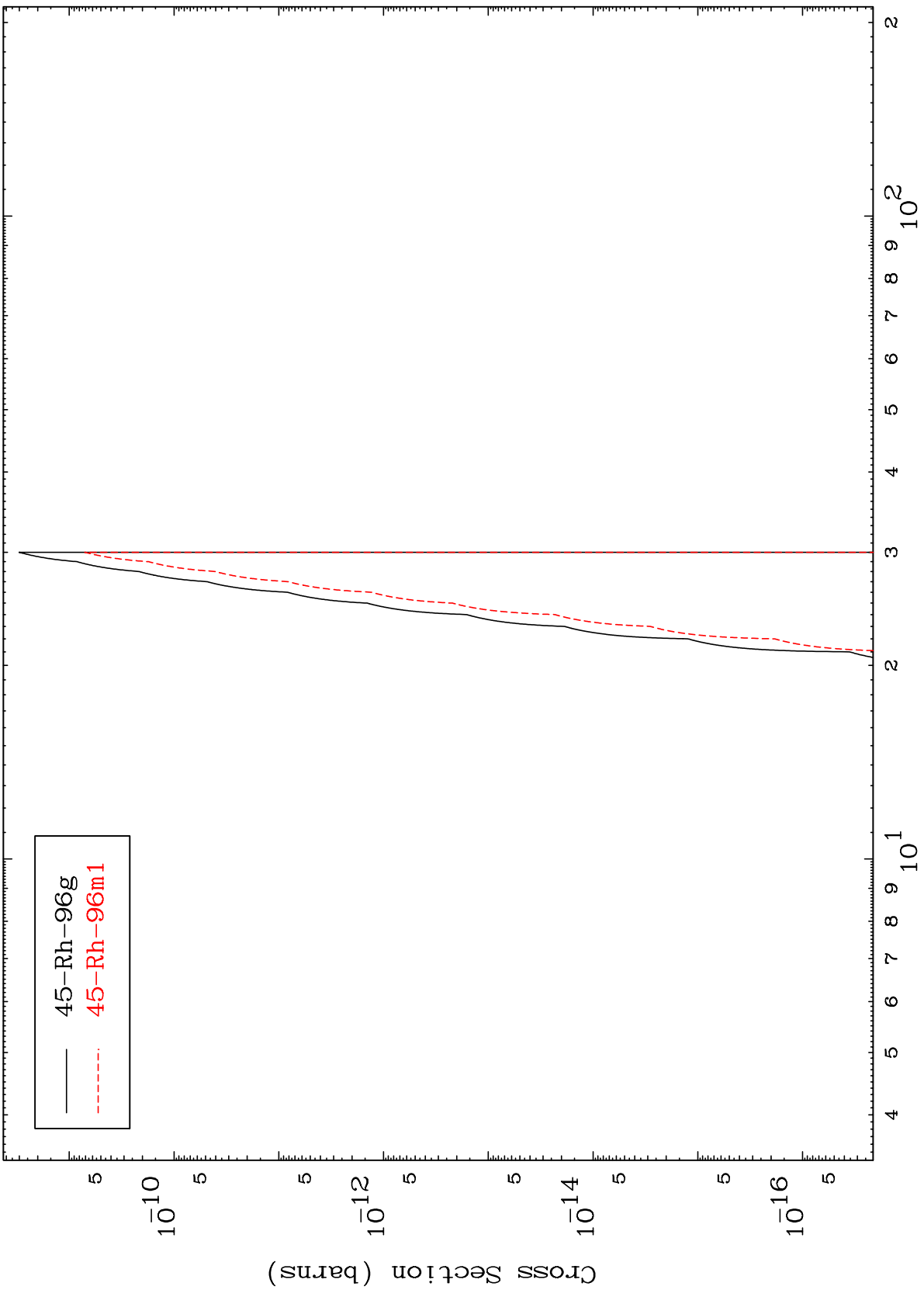


MAT 5004

(n,d) 2α

50-Sn-105

Radionuclide Production Cross Section



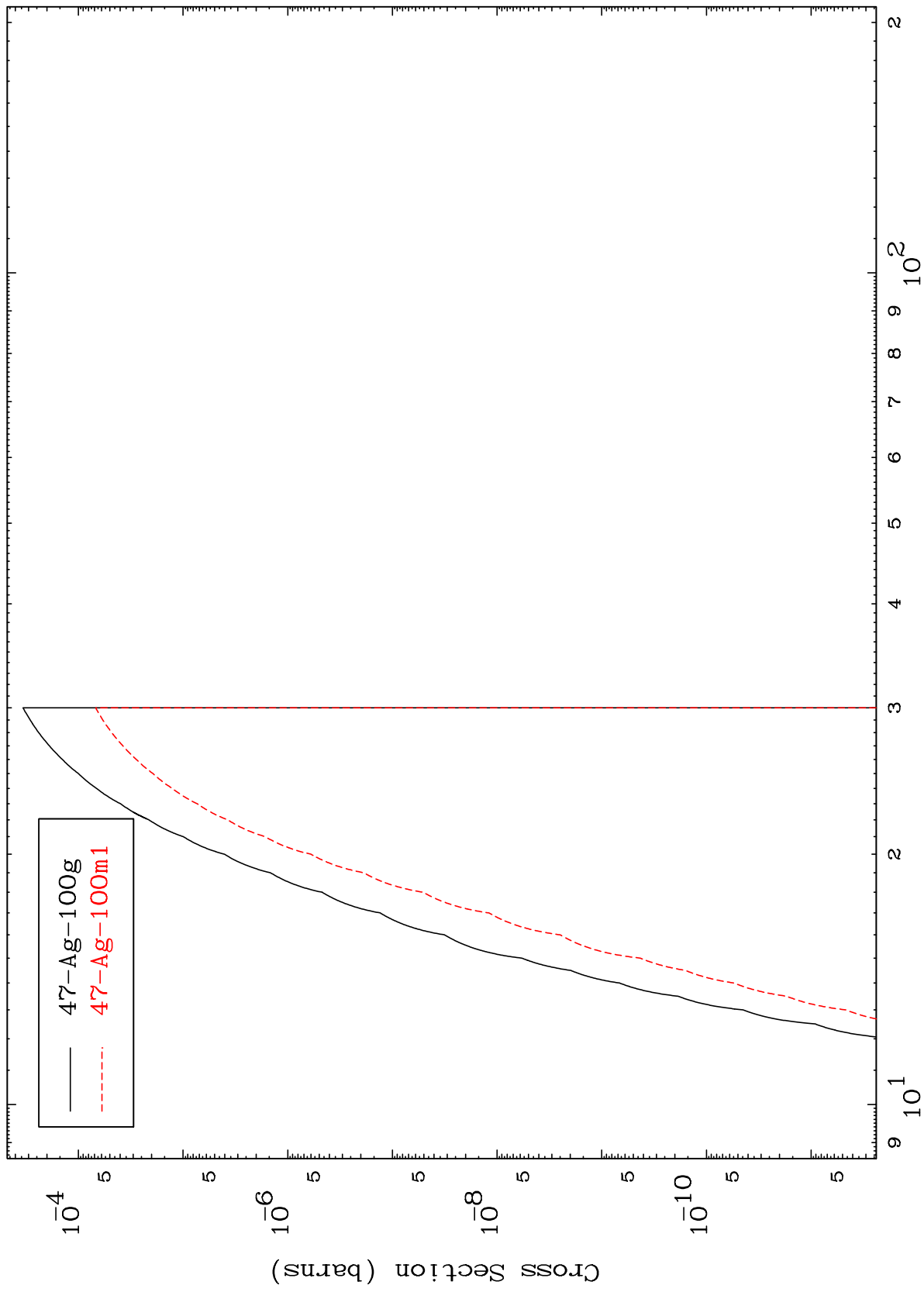
— 45-Rh-96g
- - - 45-Rh-96m1

MAT 5004

50-Sn-105

(n,d) α

Radionuclide Production Cross Section



39

Incident Energy (MeV)

50-Sn-105