

Program EVALPLOT
(Version 2021-1)

by

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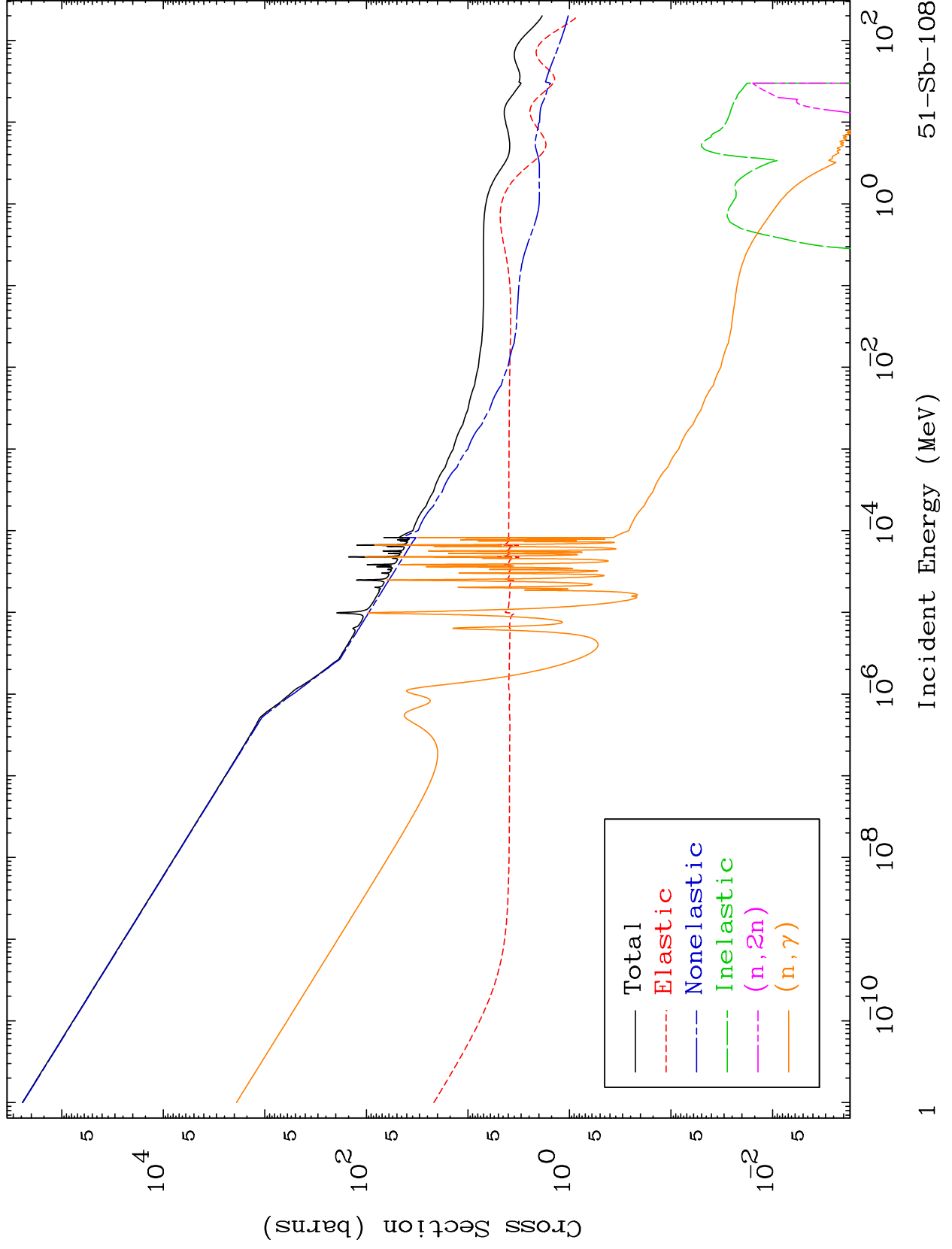
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5086

Neutron Major
293 Kelvin Cross Sections

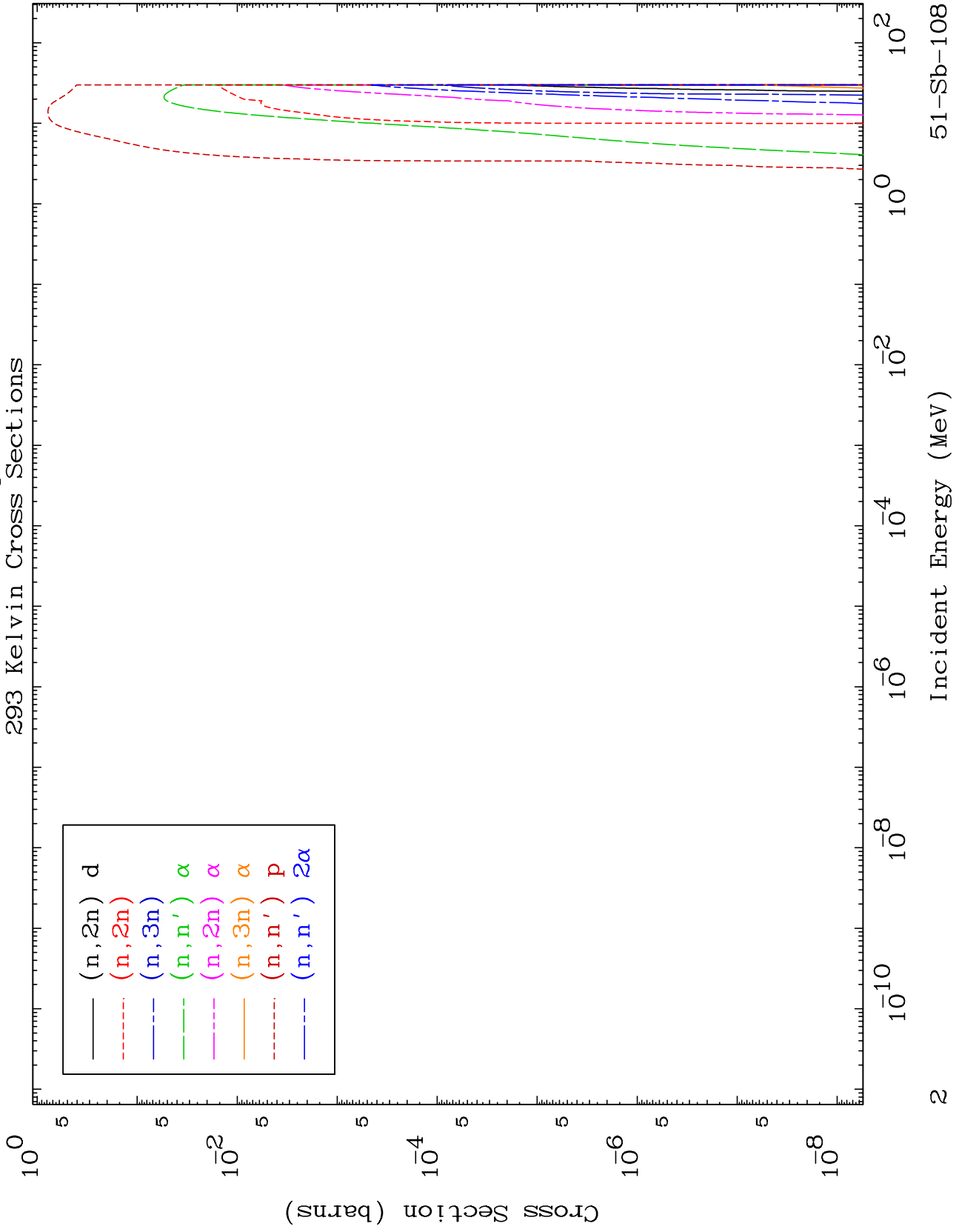
51-Sb-108

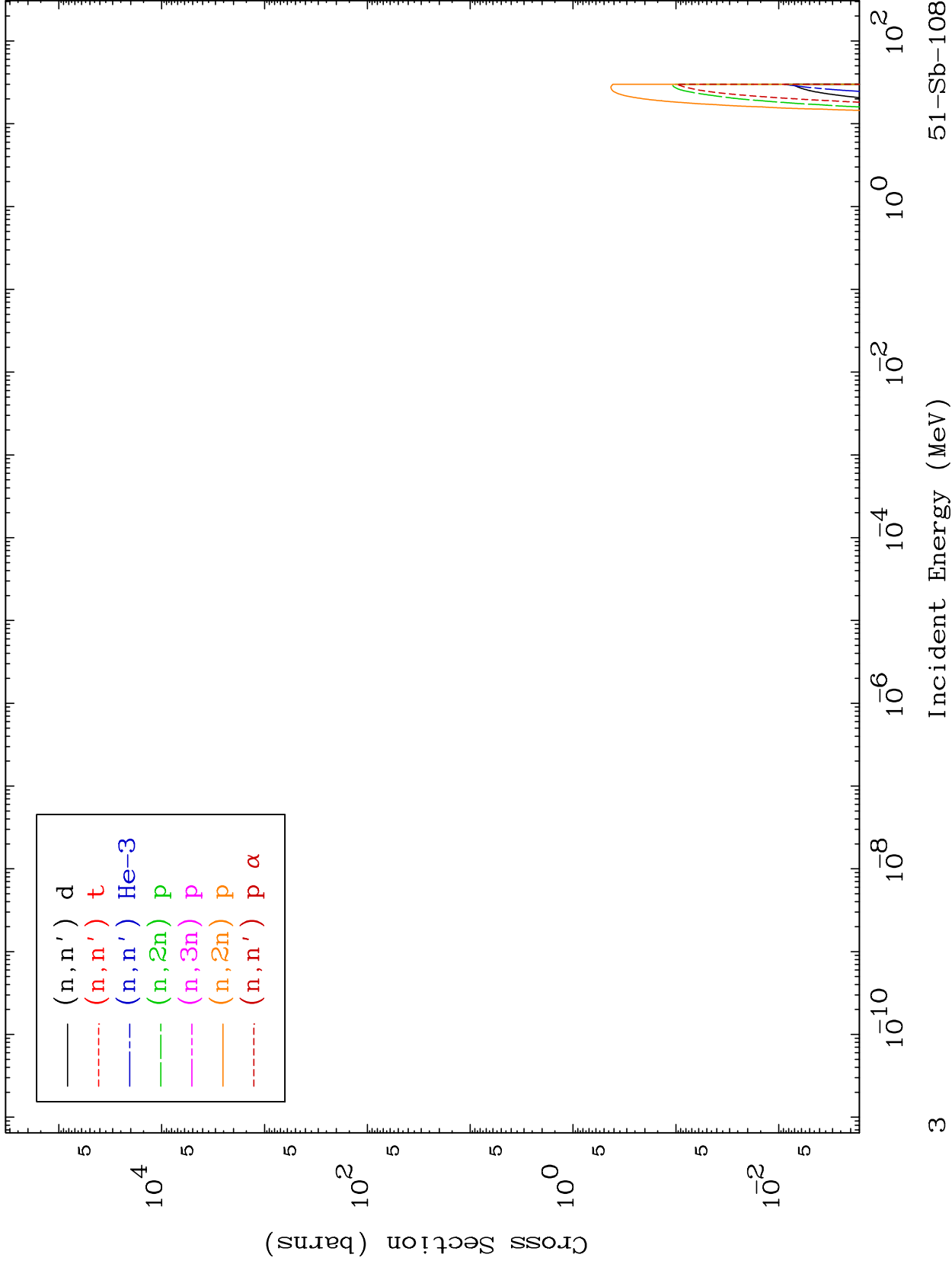


MAT 5086

Neutron Absorption
293 Kelvin Cross Sections

51-Sb-108

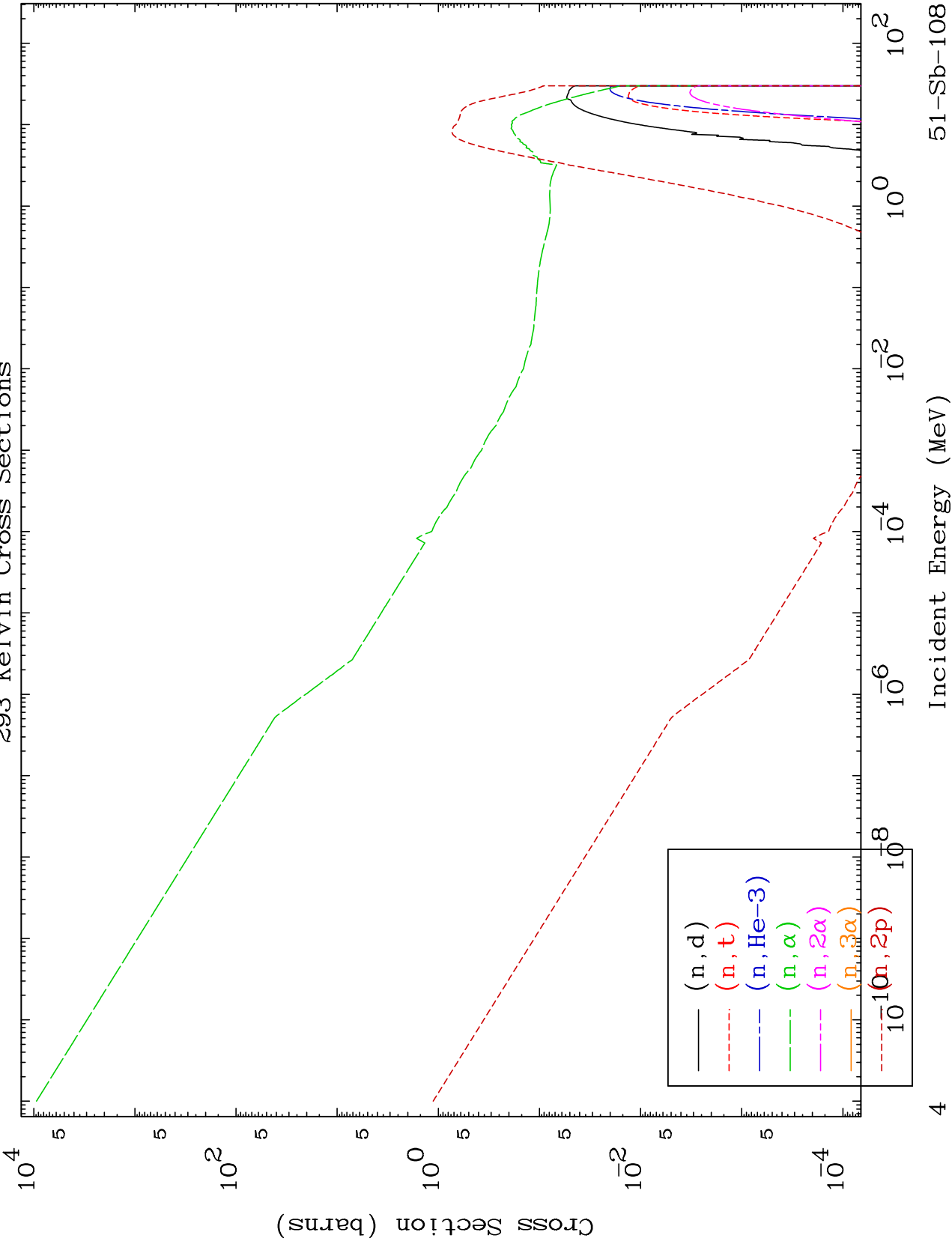




MAT 5086

Neutron Absorption
293 Kelvin Cross Sections

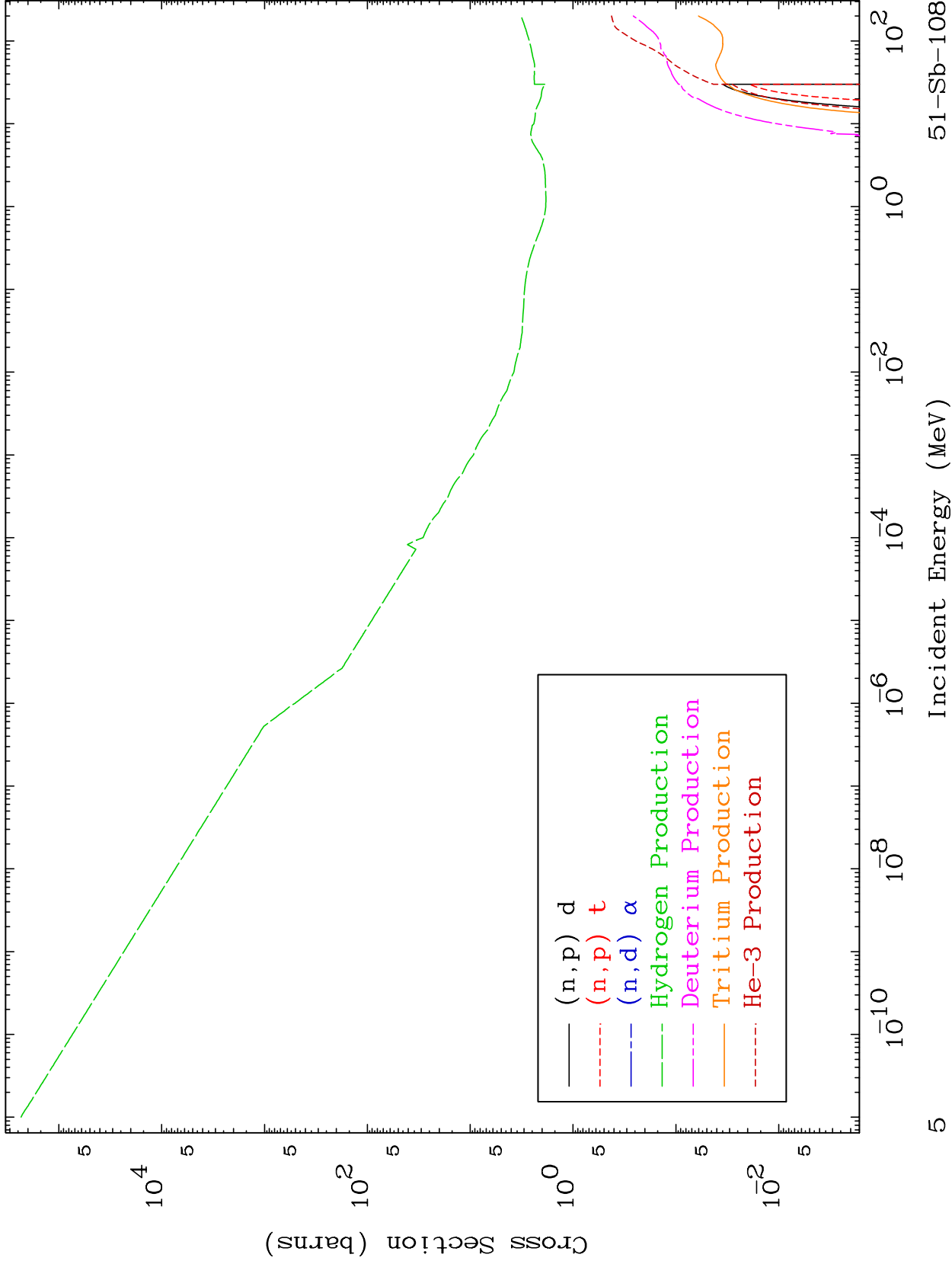
51-Sb-108



MAT 5086

Neutron Absorption
293 Kelvin Cross Sections

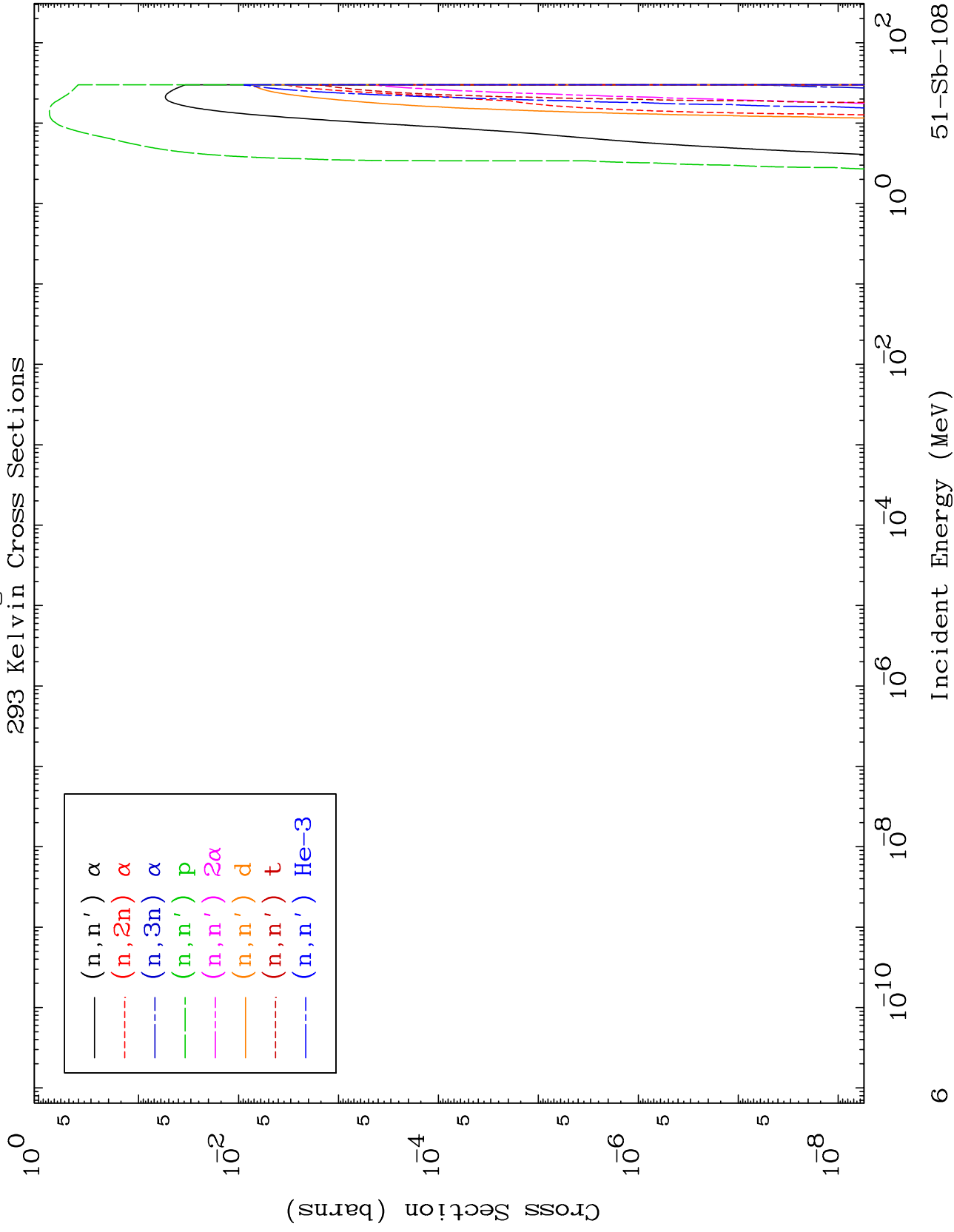
51-Sb-108



MAT 5086

Charged Particle
293 Kelvin Cross Sections

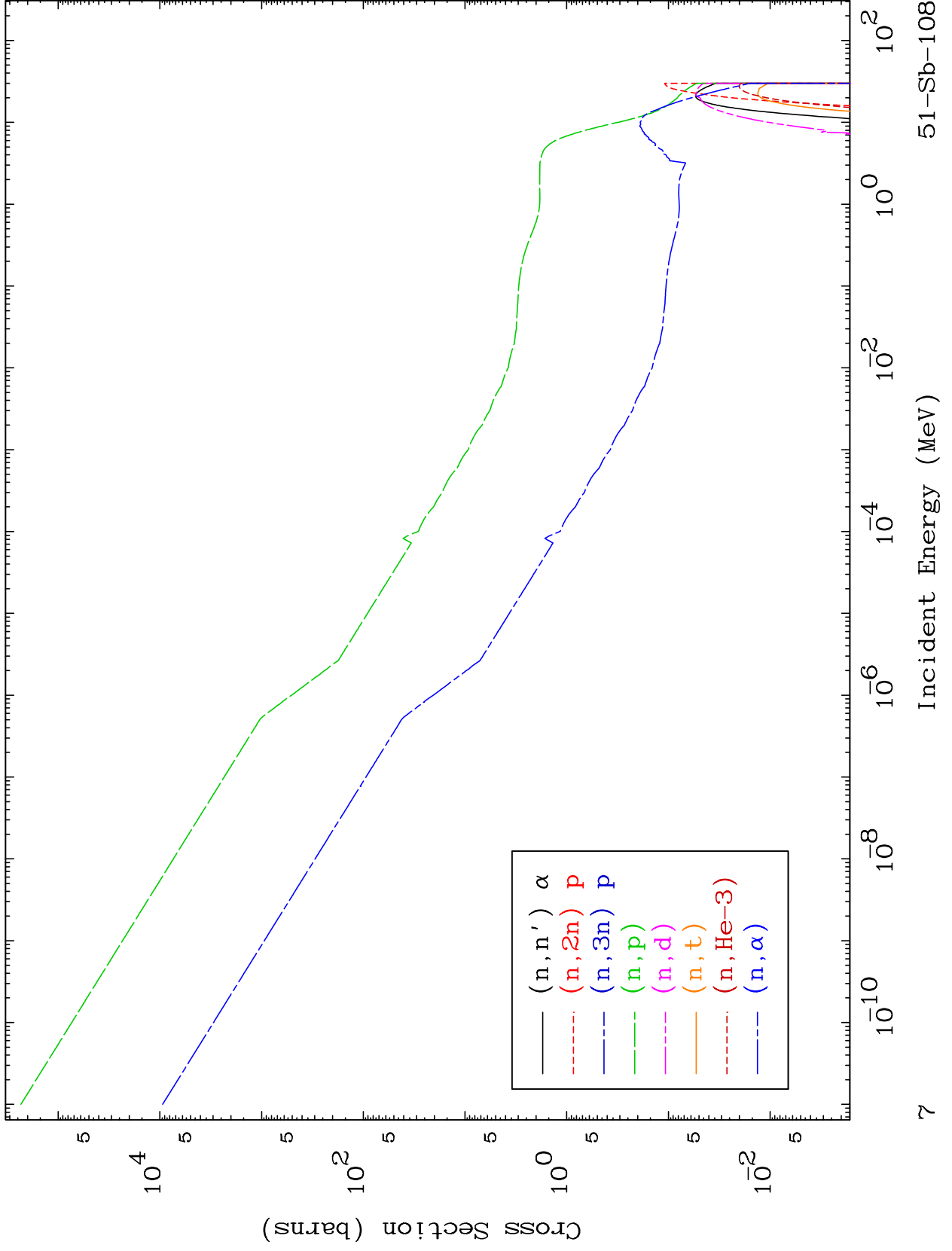
51-Sb-108



MAT 5086

Charged Particle
293 Kelvin Cross Sections

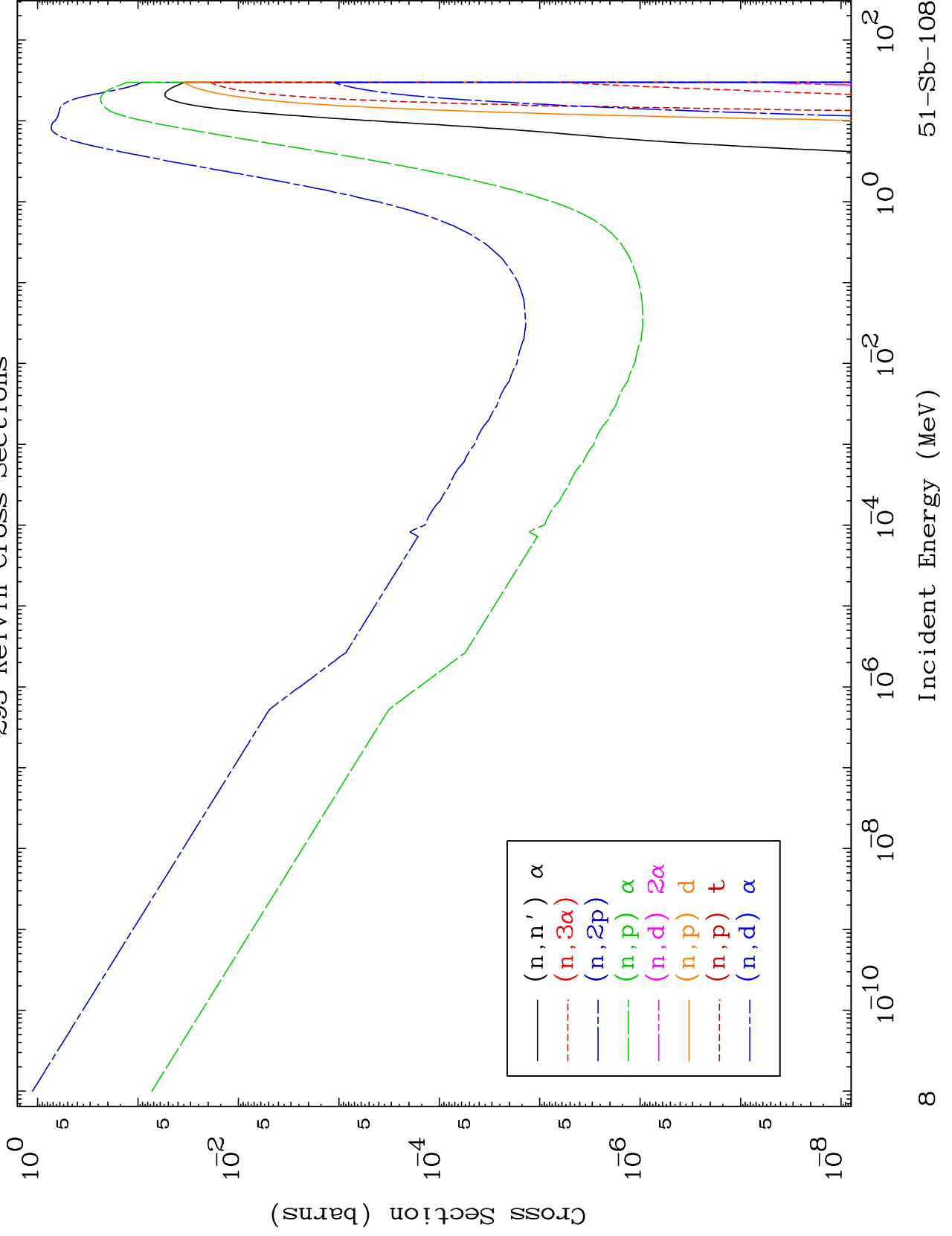
51-Sb-108

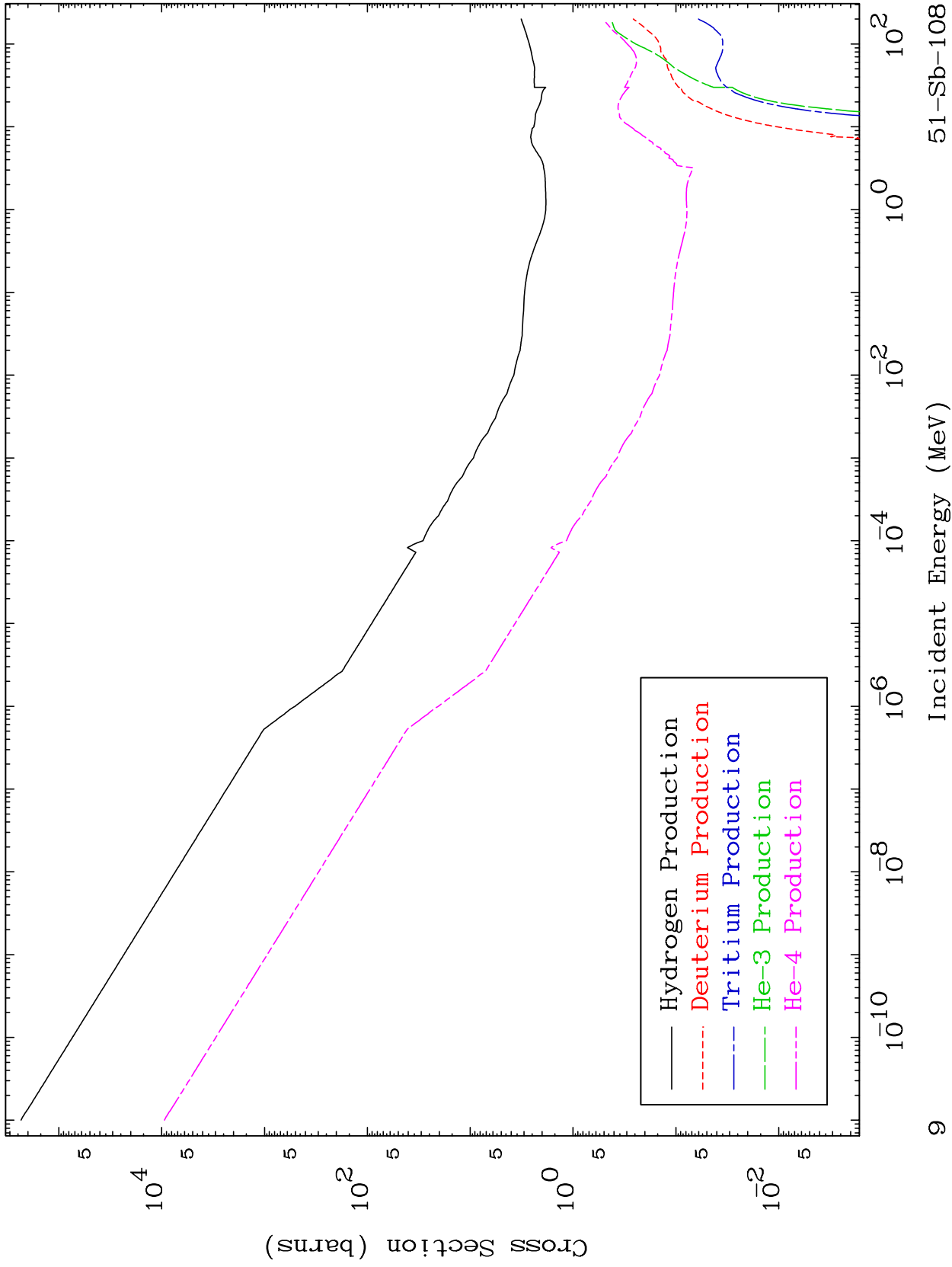


MAT 5086

Charged Particle
293 Kelvin Cross Sections

51-Sb-108

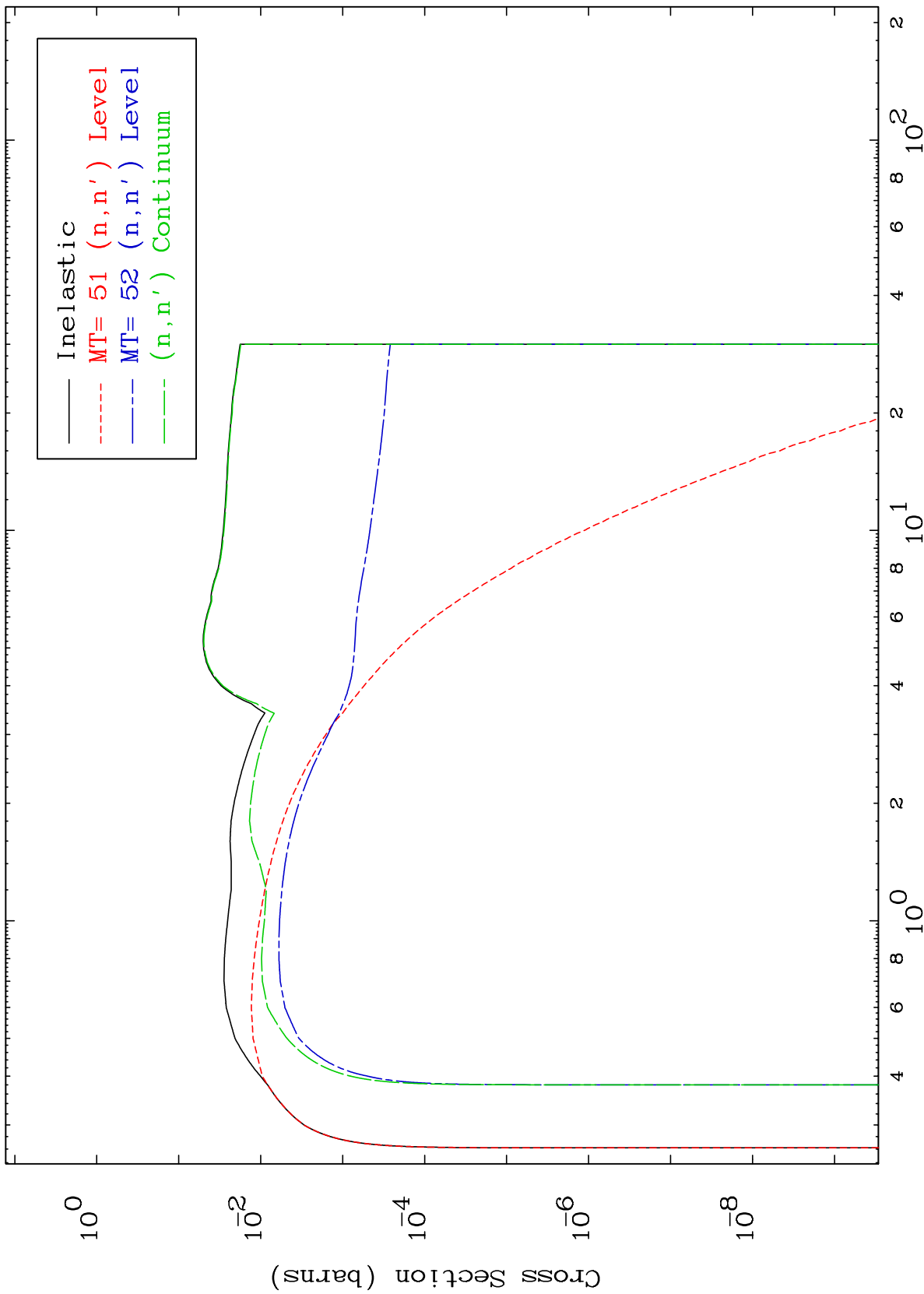




MAT 5086

(n,n') Levels
293 Kelvin Cross Sections

51-Sb-108



10

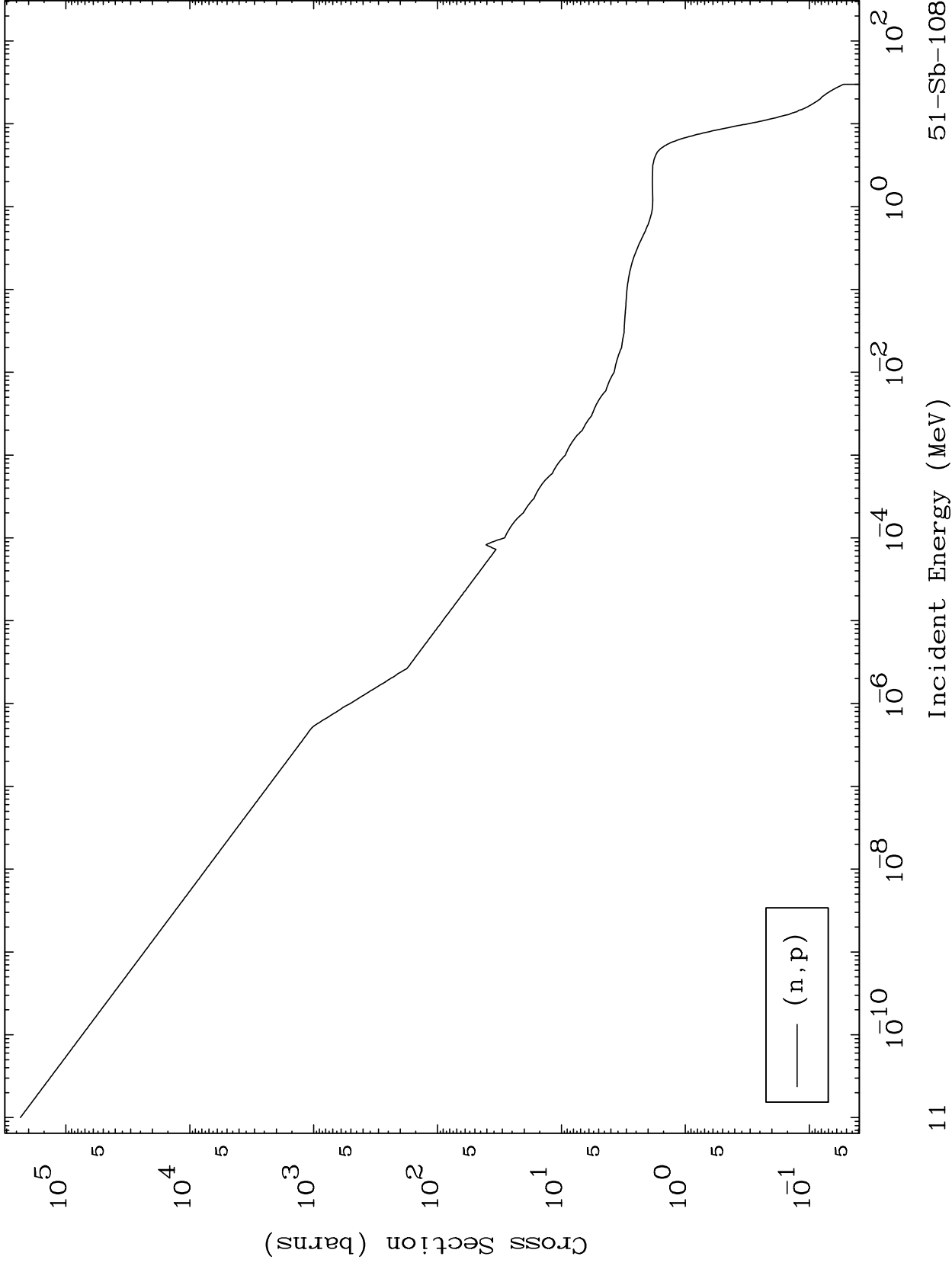
Incident Energy (MeV)

51-Sb-108

MAT 5086

(n,p) Levels
293 Kelvin Cross Sections

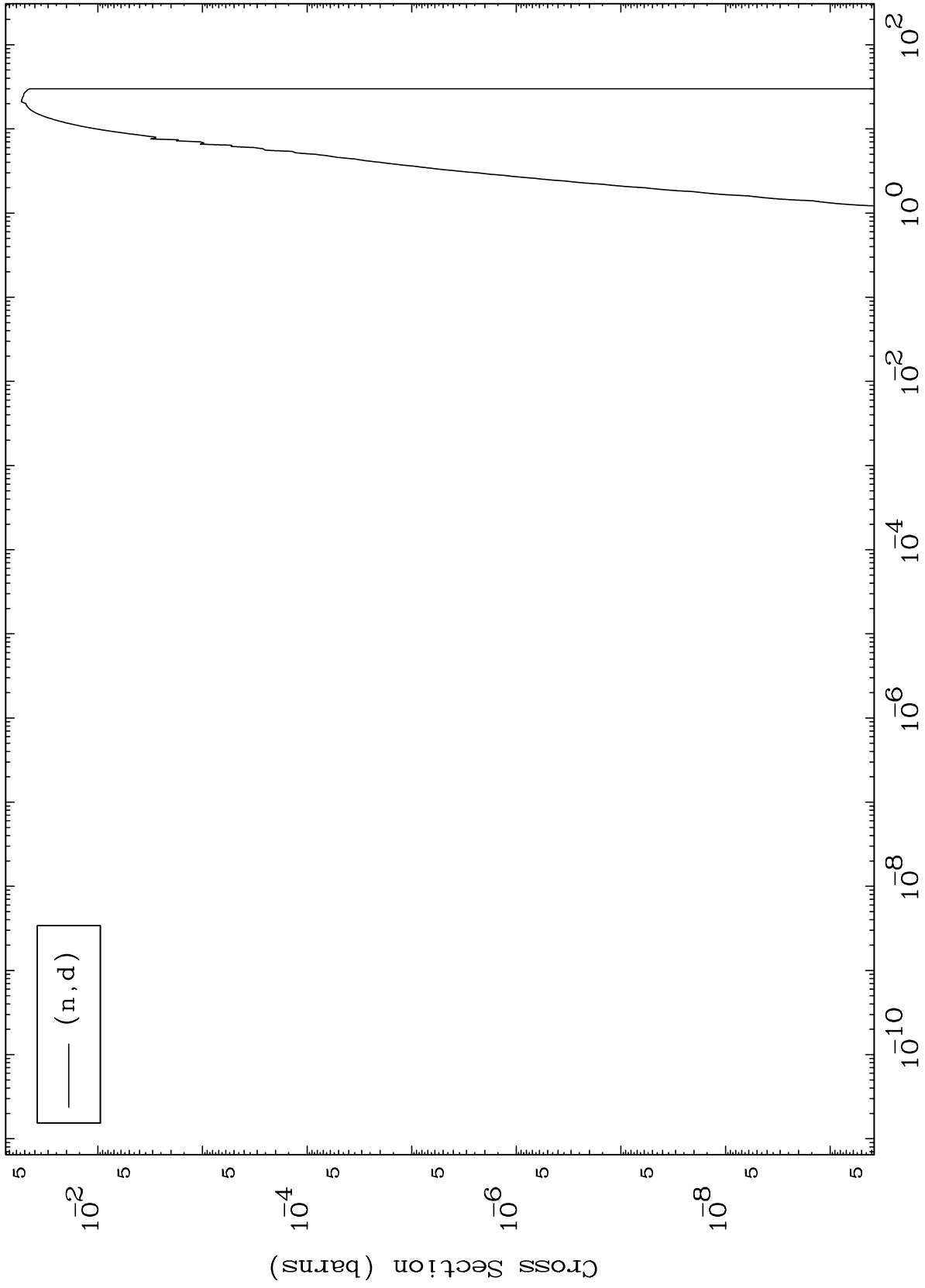
51-Sb-108



MAT 5086

(n,d) Levels
293 Kelvin Cross Sections

51-Sb-108



12

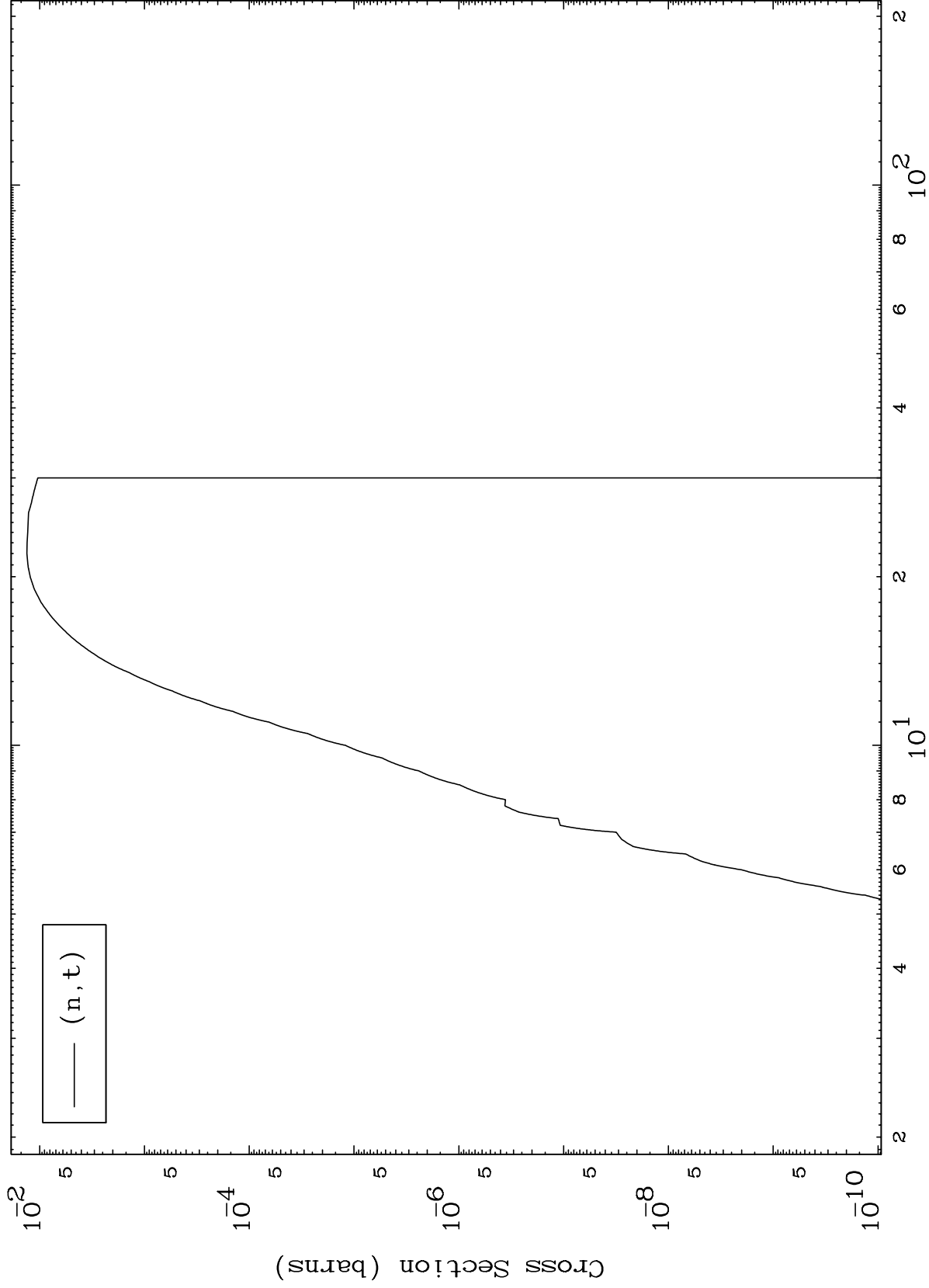
Incident Energy (MeV)

51-Sb-108

MAT 5086

(n,t) Levels
293 Kelvin Cross Sections

51-Sb-108



13

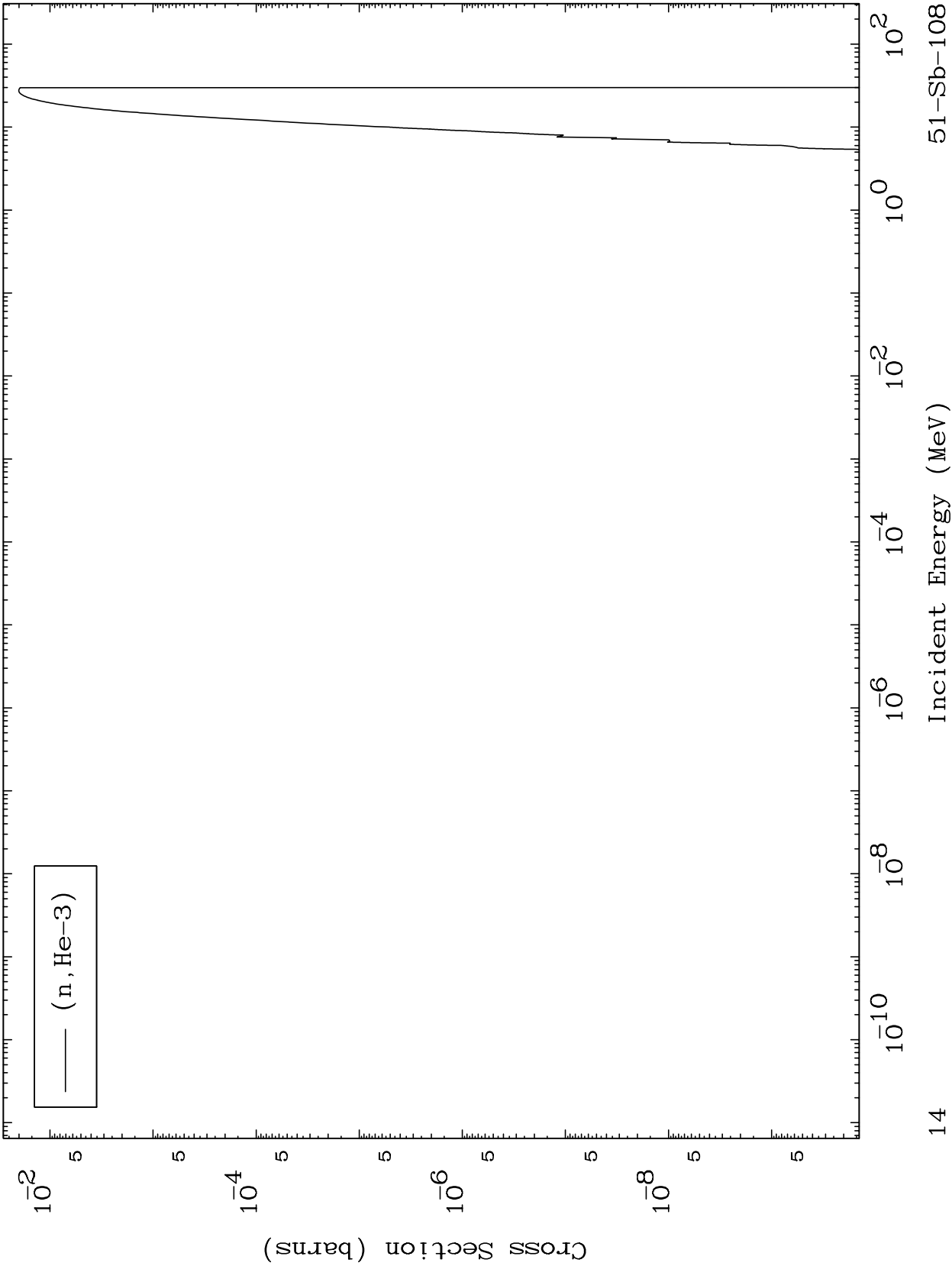
Incident Energy (MeV)

51-Sb-108

MAT 5086

(n,He3) Levels
293 Kelvin Cross Sections

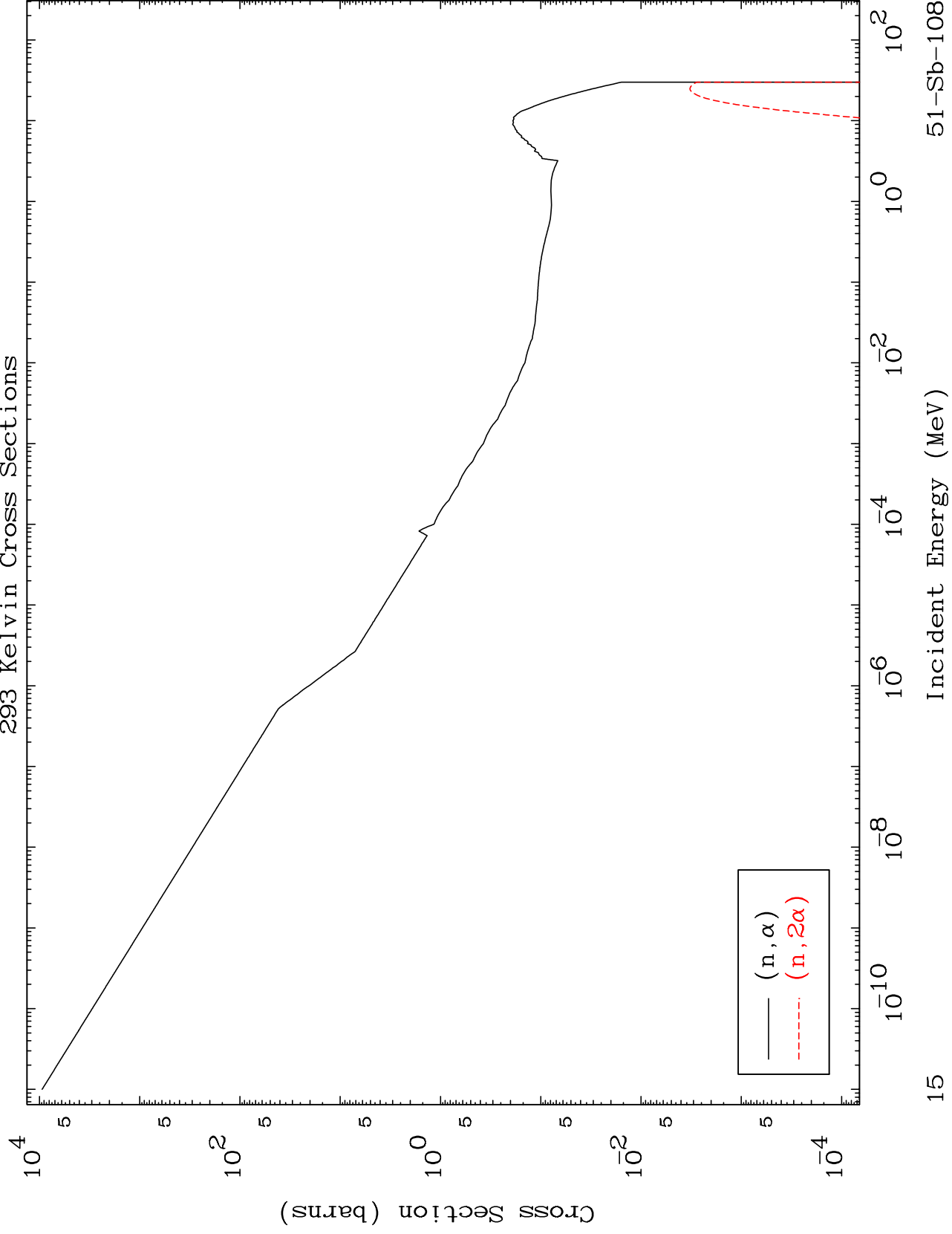
51-Sb-108



MAT 5086

(n,α) Levels
293 Kelvin Cross Sections

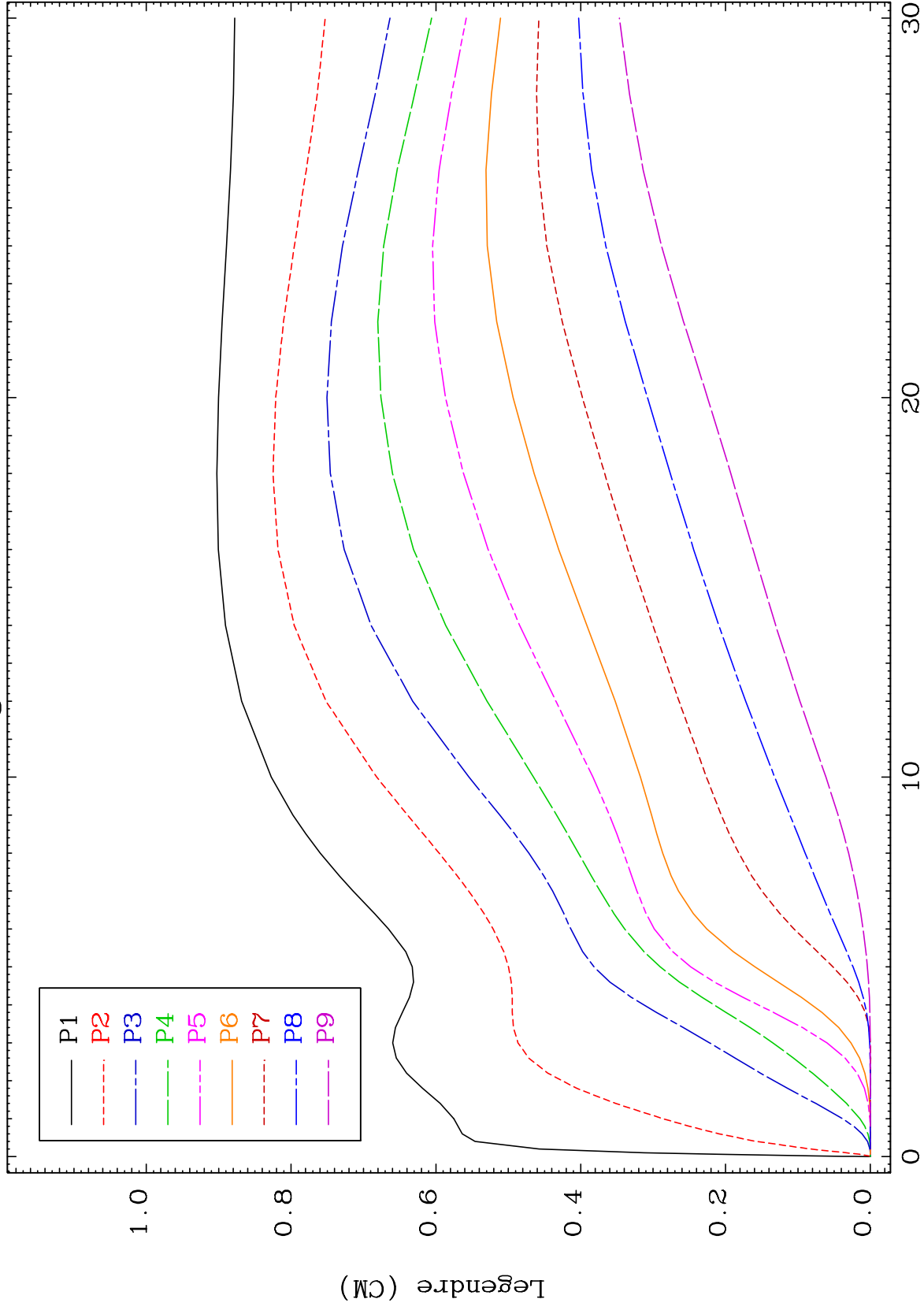
51-Sb-108



MAT 5086

Elastic Legendre Coefficients

51-Sb-108



16

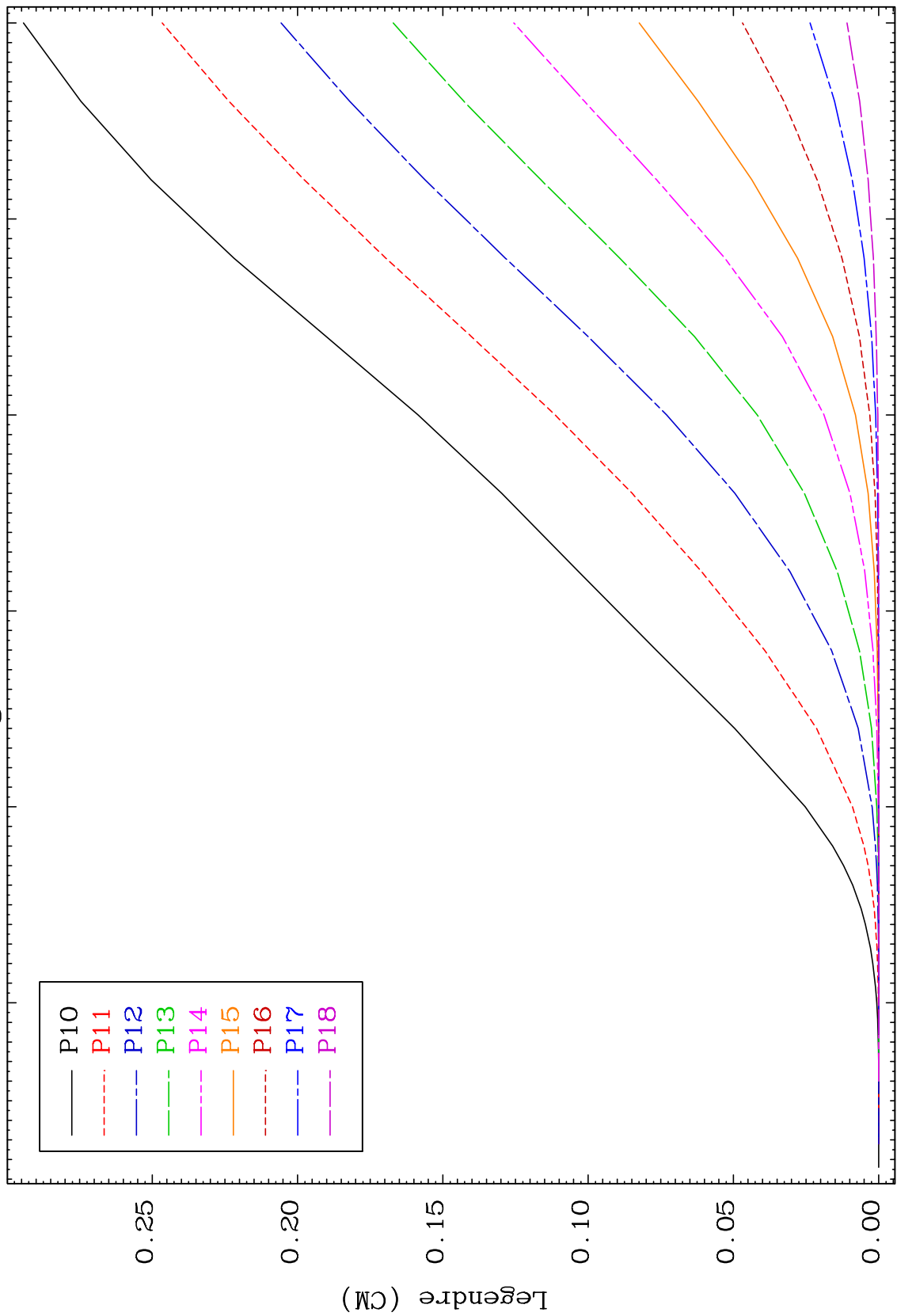
Incident Energy (MeV)

51-Sb-108

MAT 5086

Elastic Legendre Coefficients

51-Sb-108



17

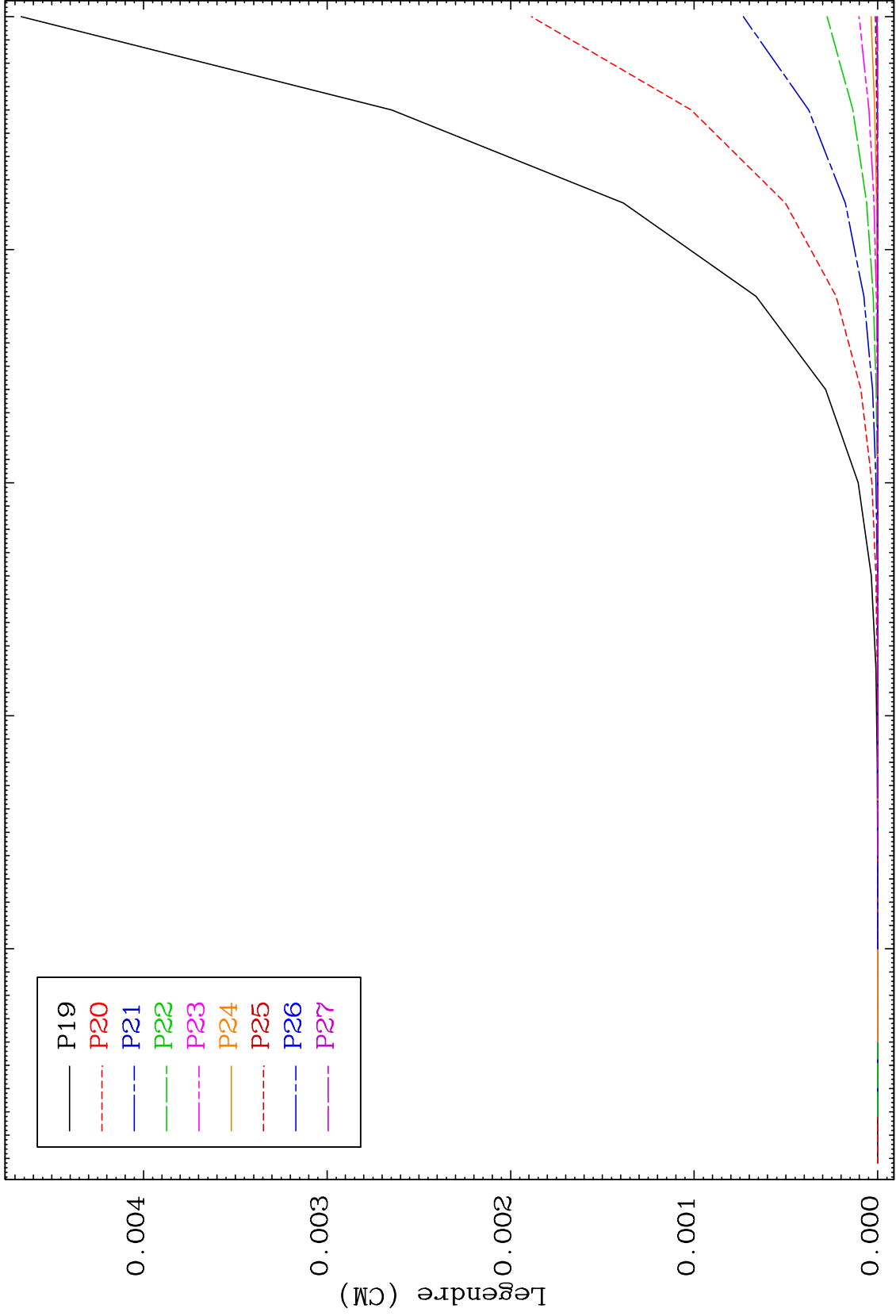
Incident Energy (MeV)

51-Sb-108

MAT 5086

Elastic Legendre Coefficients

51-Sb-108



18

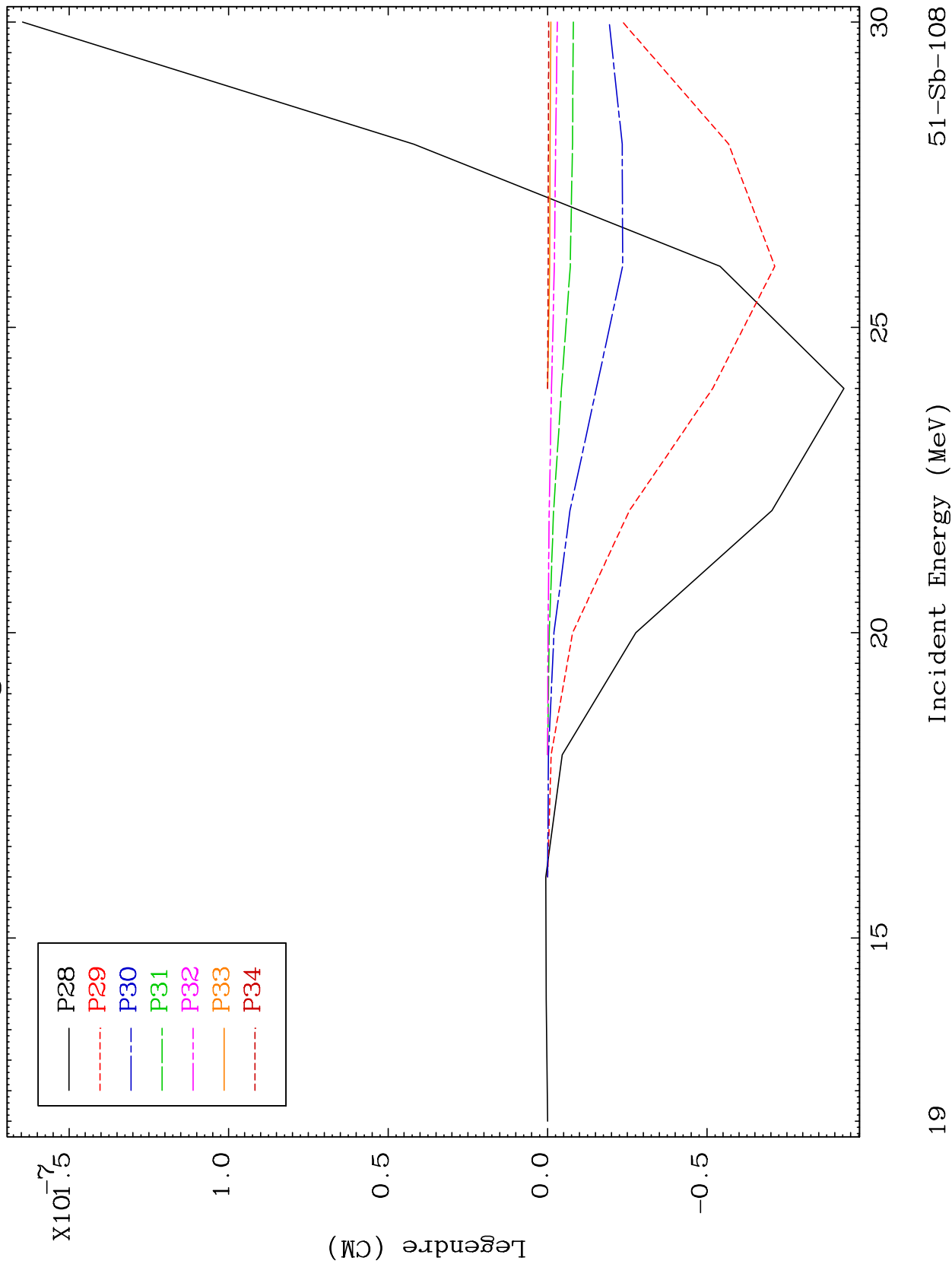
Incident Energy (MeV)

51-Sb-108

MAT 5086

Elastic
Legendre Coefficients

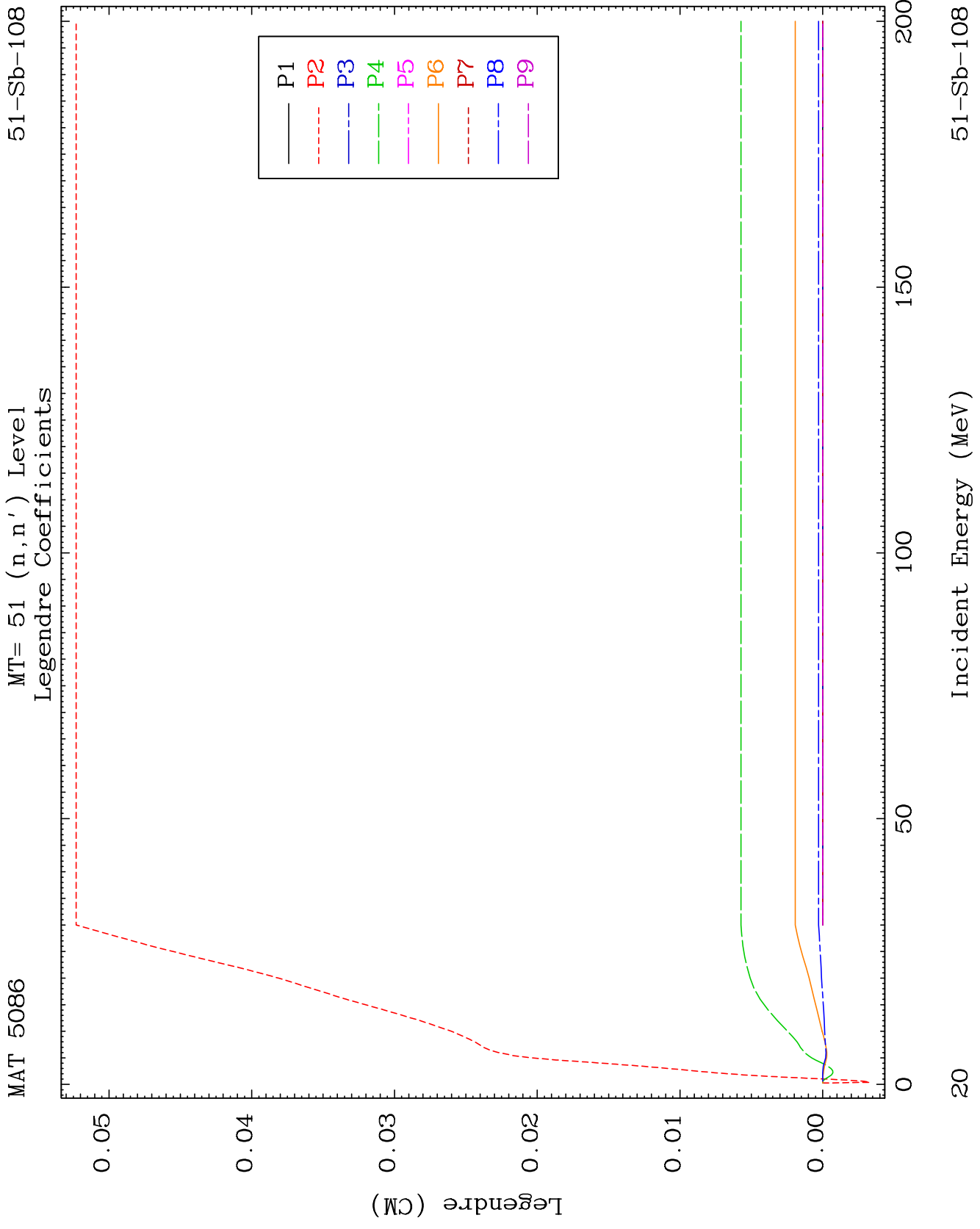
51-Sb-108



19

Incident Energy (MeV)

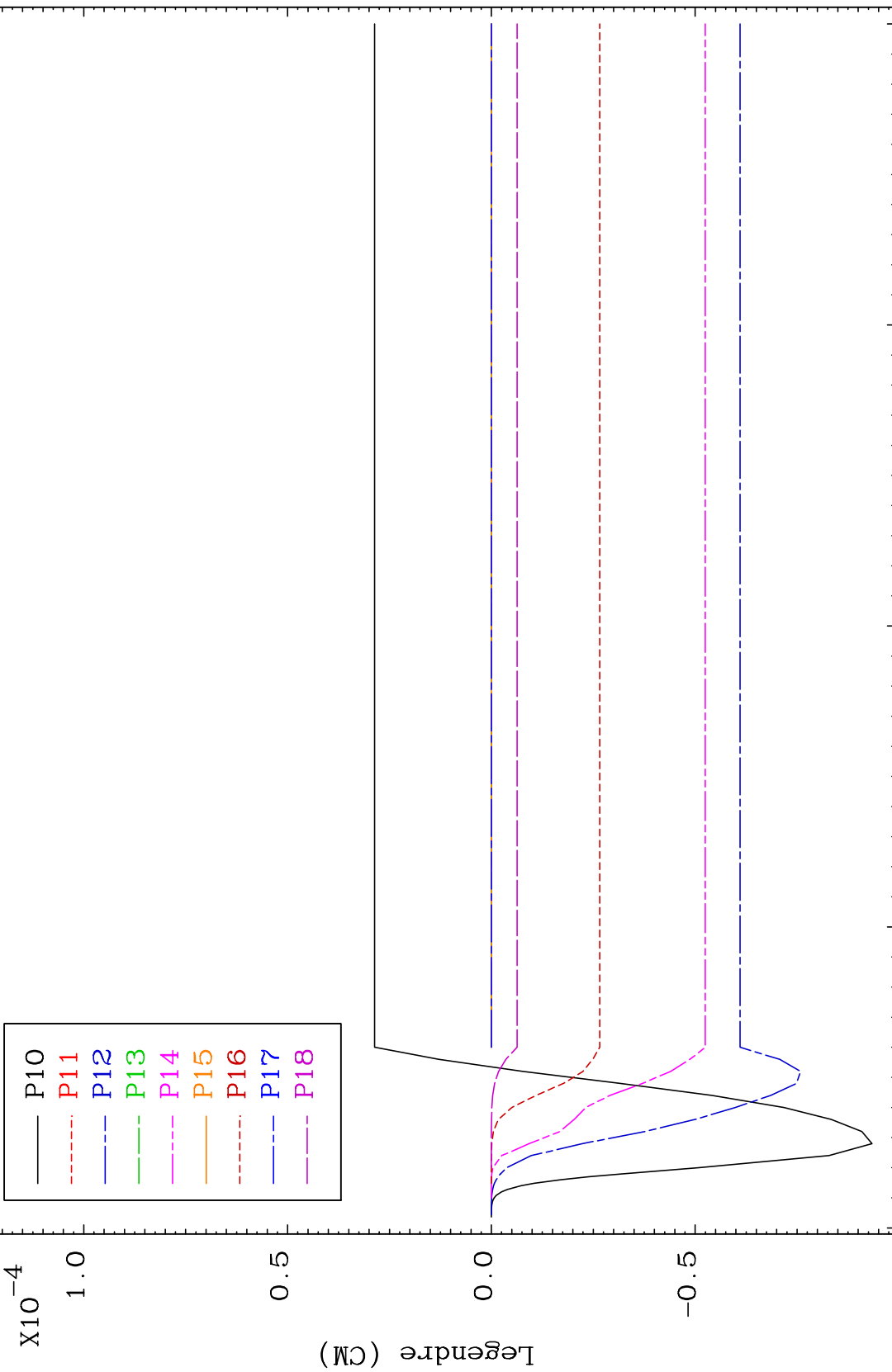
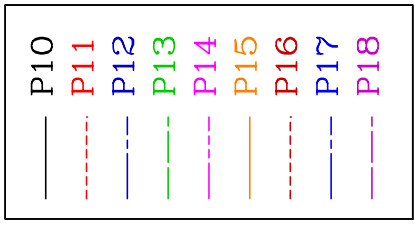
51-Sb-108



MAT 5086

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

51-Sb-108

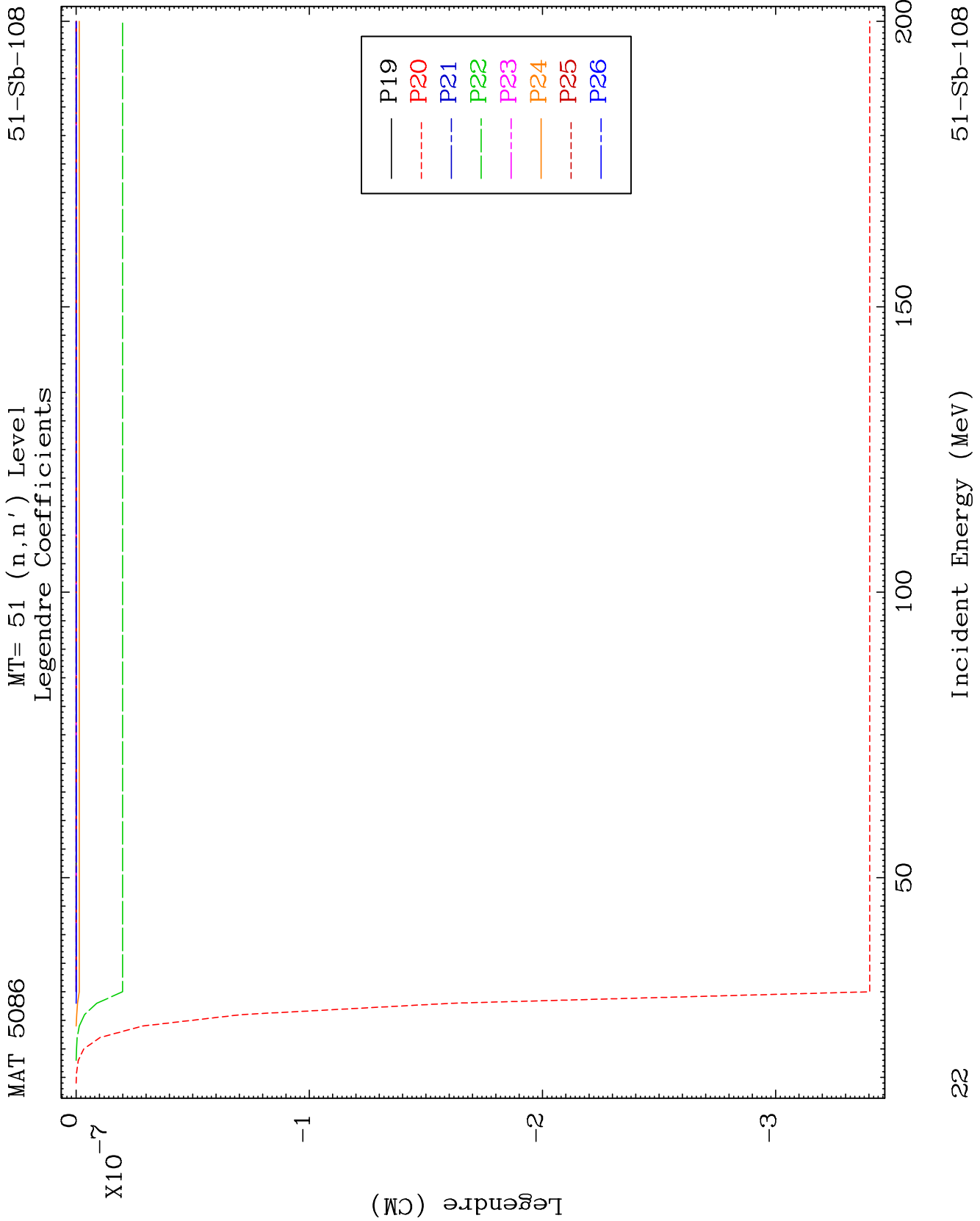


0 50 100 150 200

21

Incident Energy (MeV)

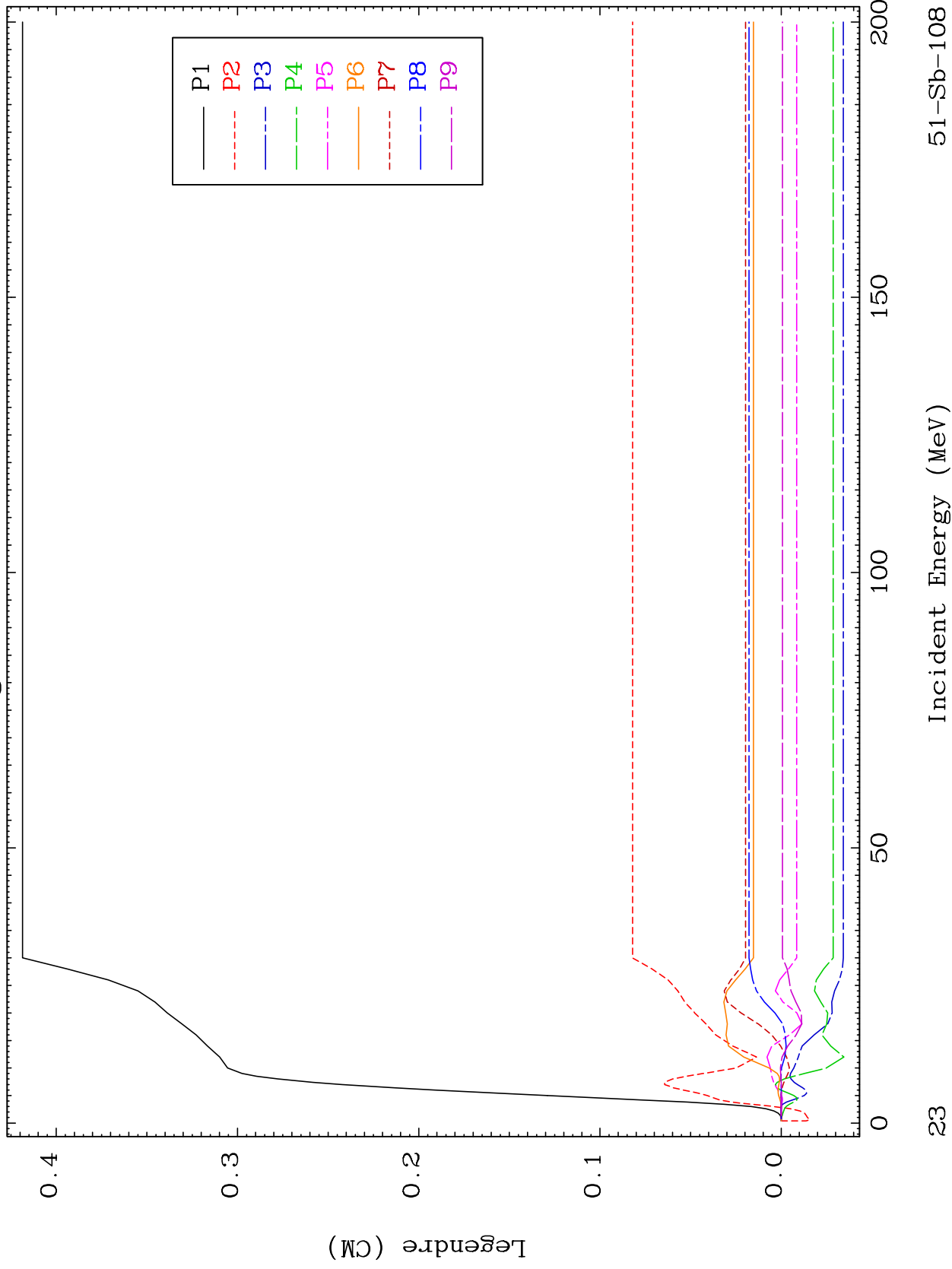
51-Sb-108



MAT 5086

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

51-Sb-108



23

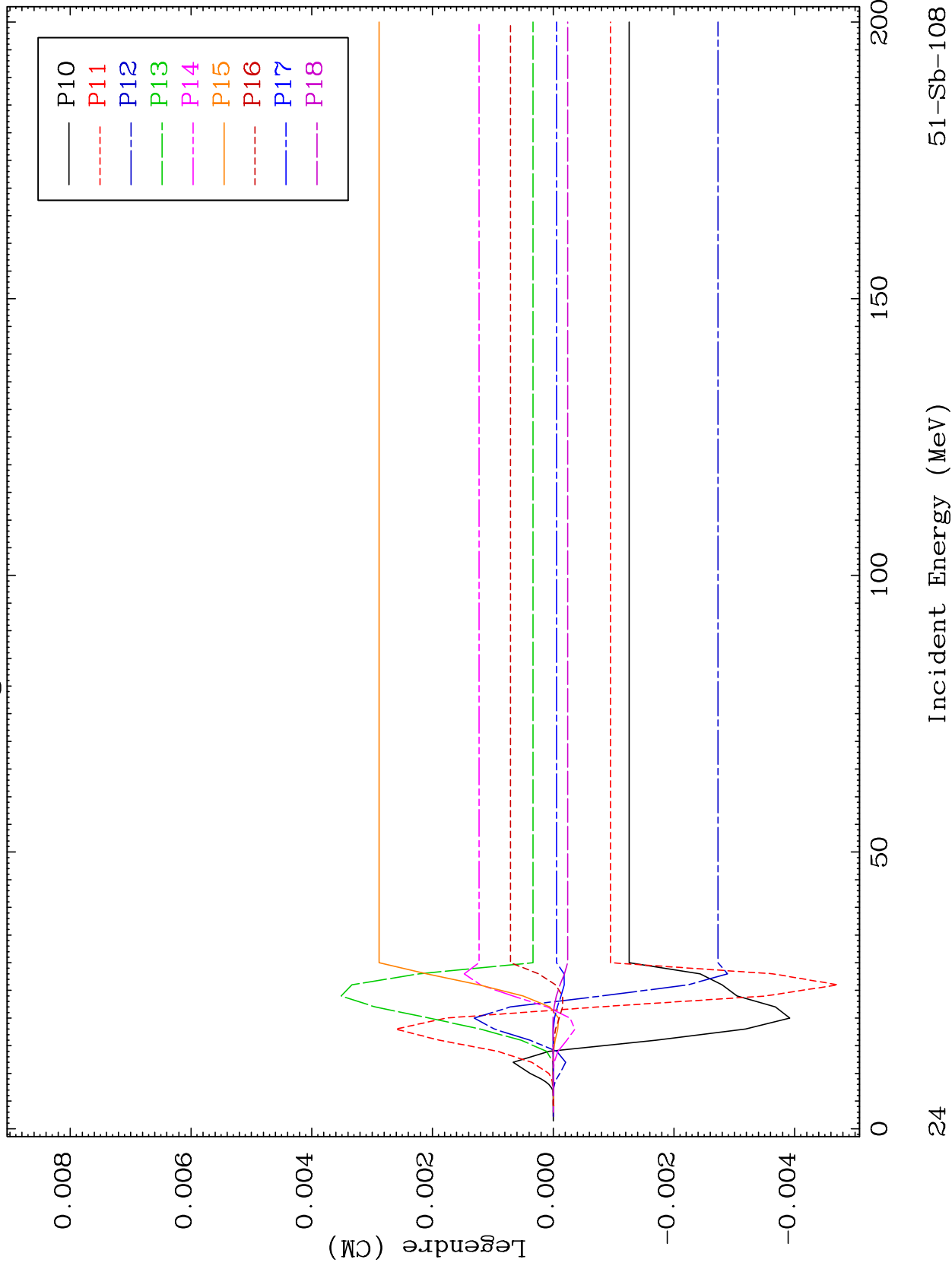
Incident Energy (MeV)

51-Sb-108

MAT 5086

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

51-Sb-108



24

Incident Energy (MeV)

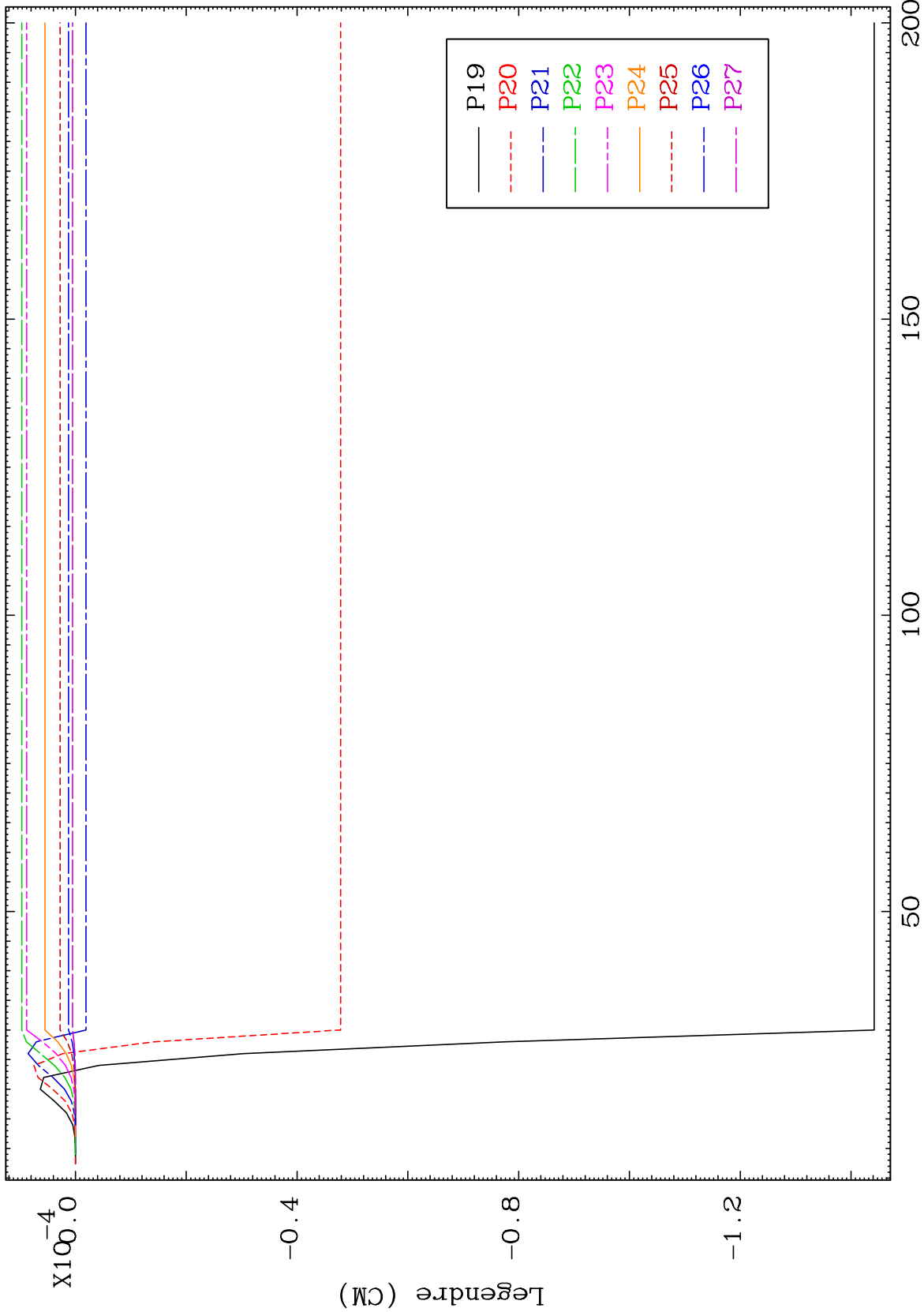
51-Sb-108

MAT 5086

MT= 52 (n,n') Level

51-Sb-108

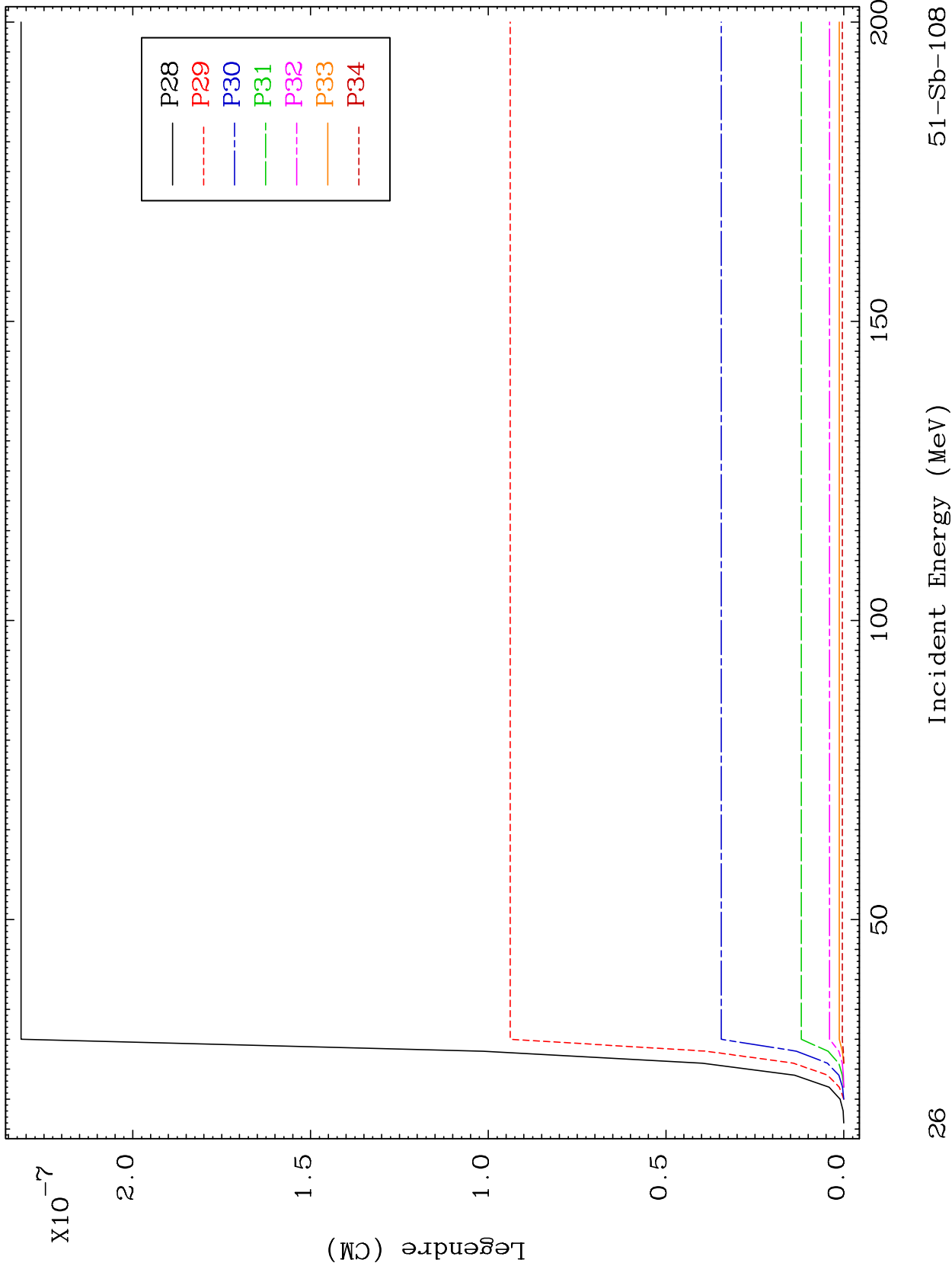
Legendre Coefficients



25

Incident Energy (MeV)

51-Sb-108

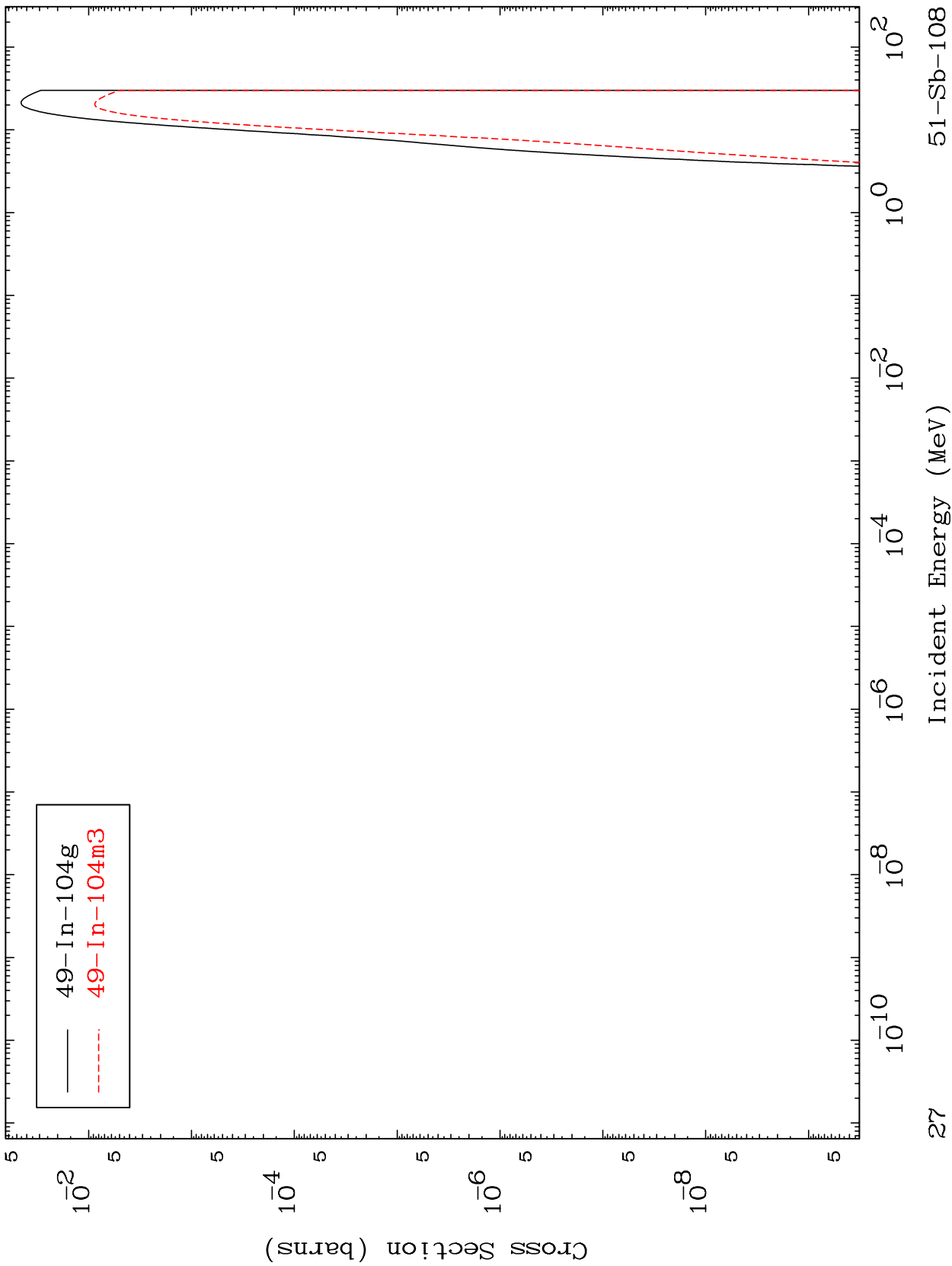


MAT 5086

$(n, n') \alpha$

51-Sb-108

Radionuclide Production Cross Section



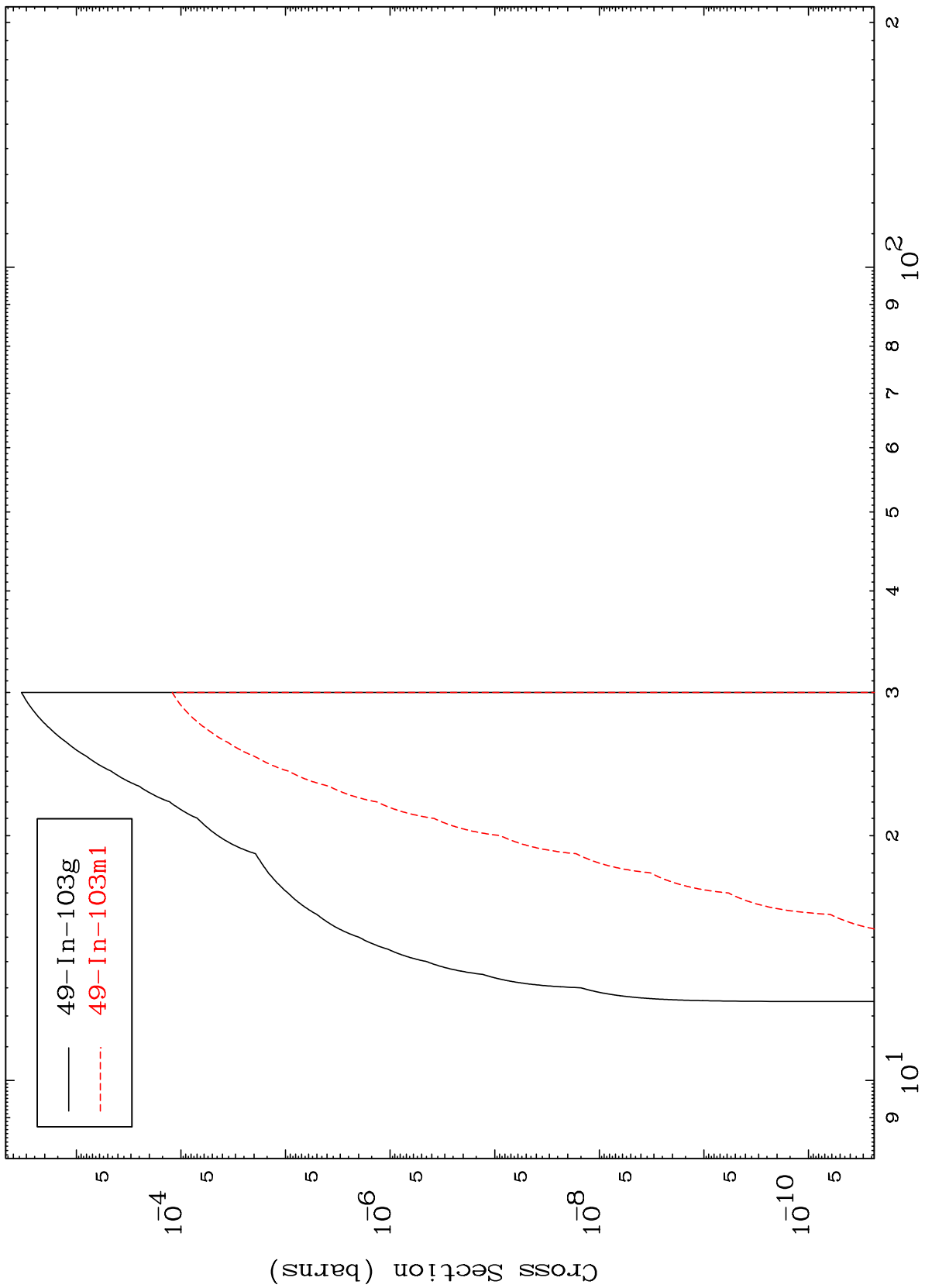
49-In-104g
49-In-104m3

MAT 5086

(n,2n) α

51-Sb-108

Radionuclide Production Cross Section



28

Incident Energy (MeV)

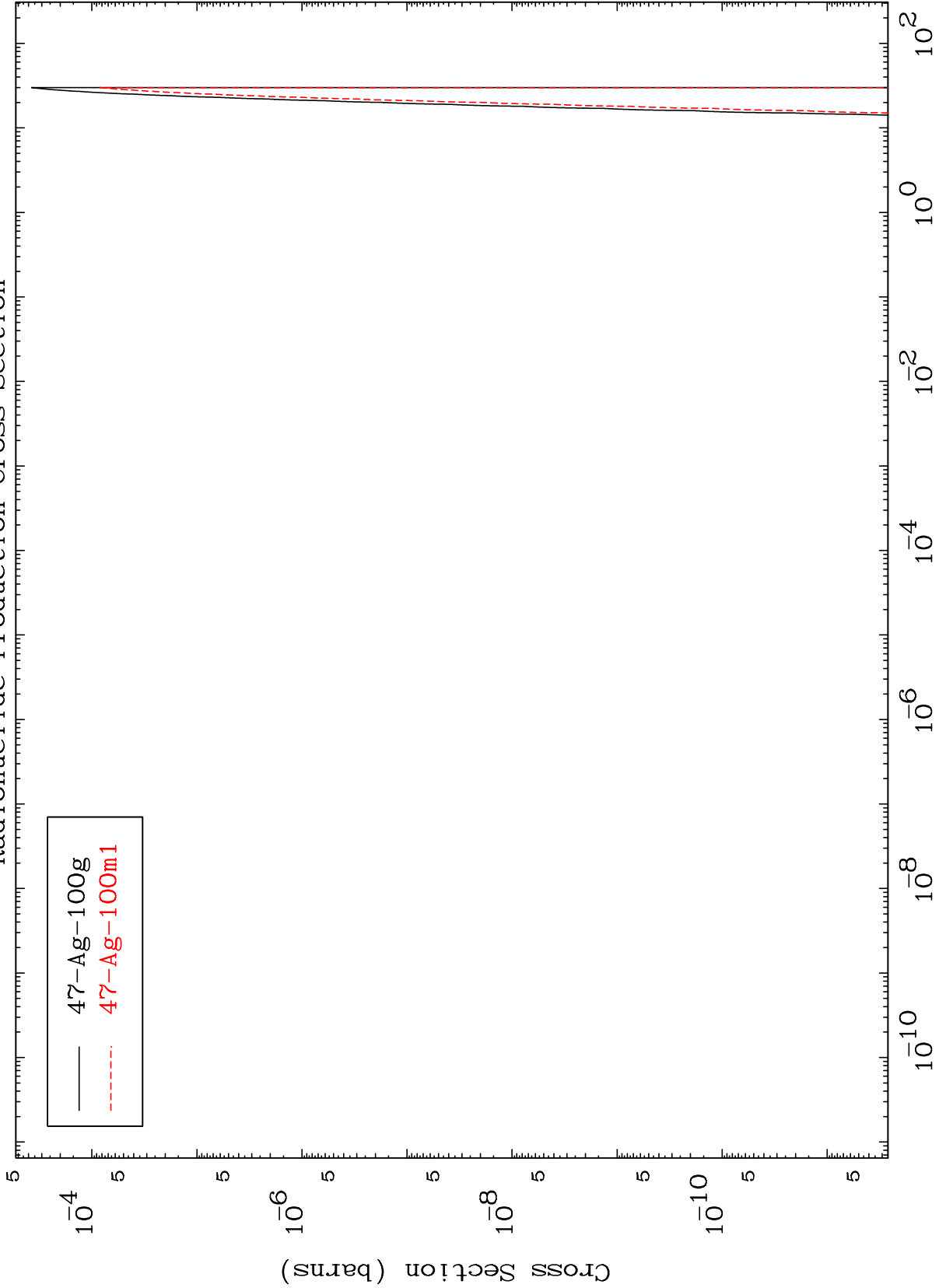
51-Sb-108

MAT 5086

(n,n') 2α

51-Sb-108

Radionuclide Production Cross Section

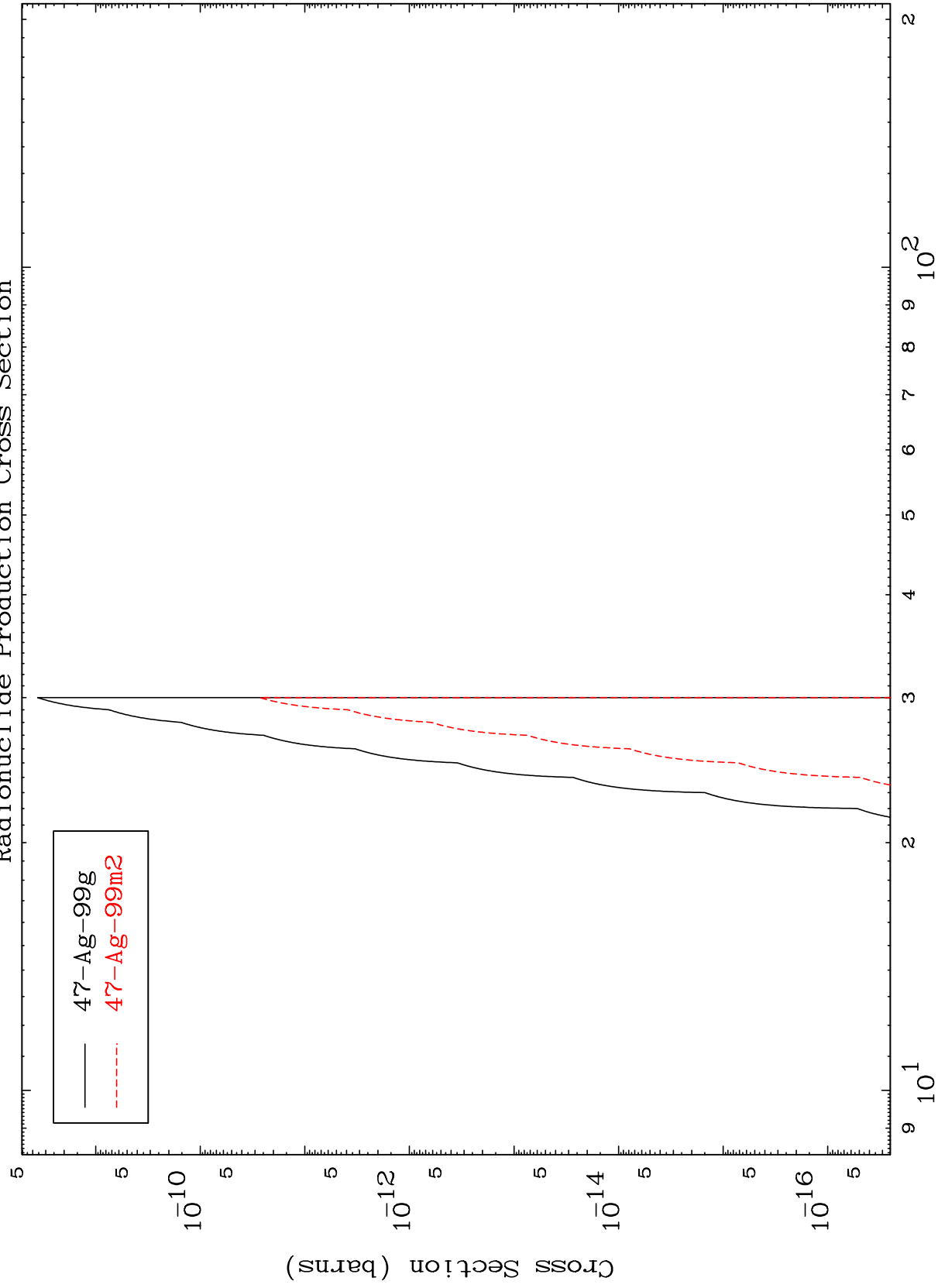


MAT 5086

(n,2n) 2α

51-Sb-108

Radionuclide Production Cross Section



30

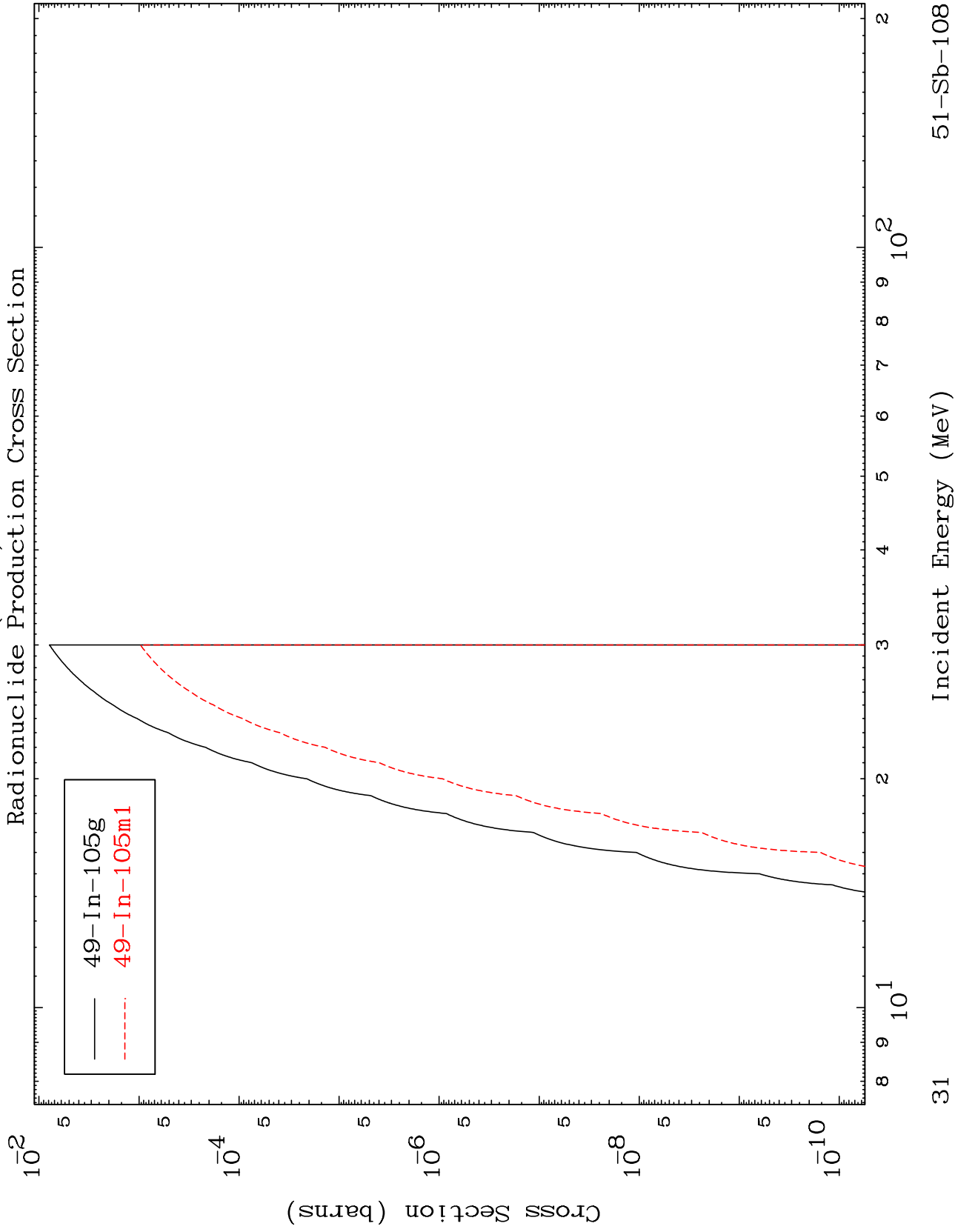
Incident Energy (MeV)

51-Sb-108

MAT 5086

(n,n') He-3

51-Sb-108



31

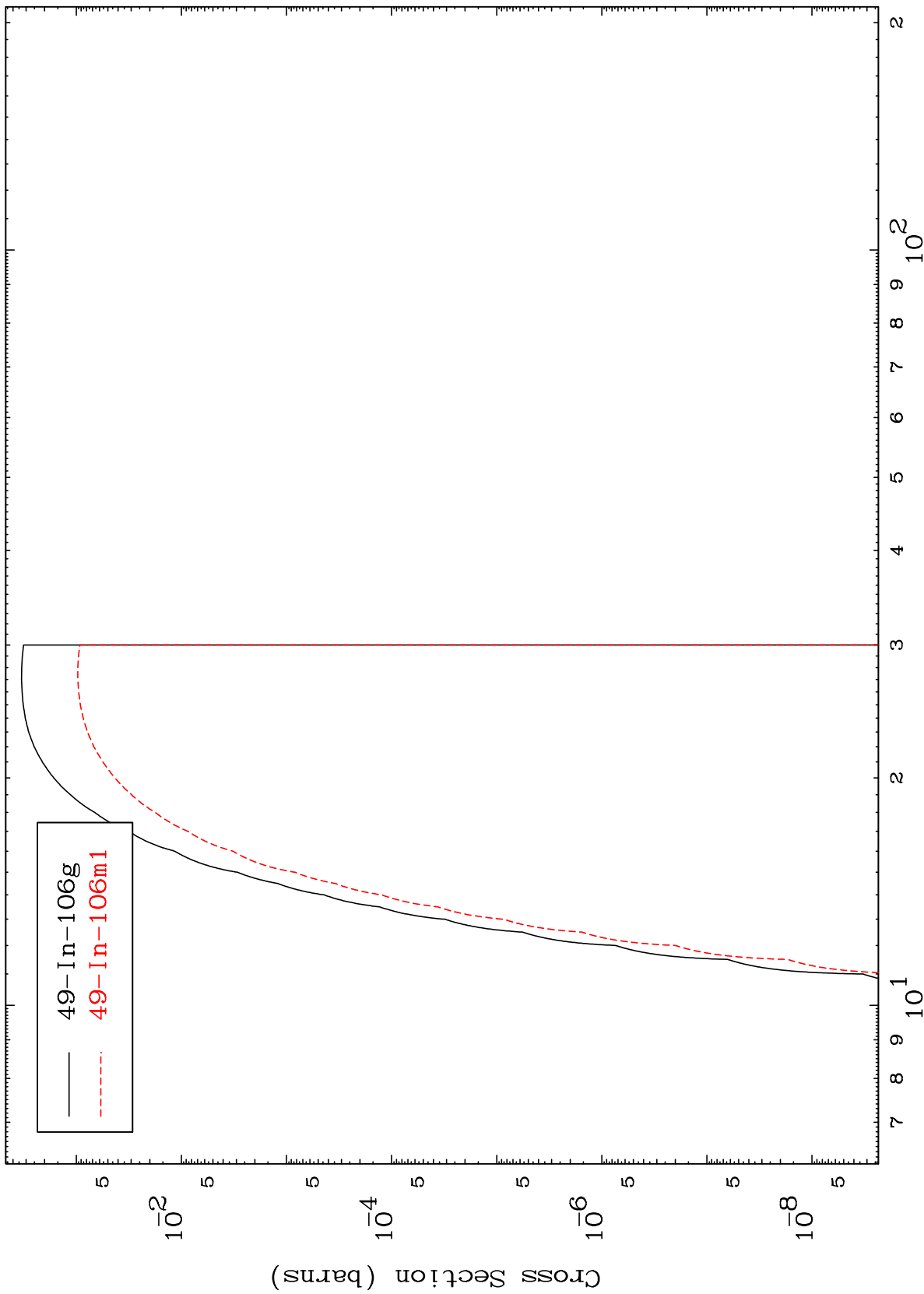
51-Sb-108

MAT 5086

(n,2n) p

51-Sb-108

Radionuclide Production Cross Section



49-In-106g
49-In-106m1

32

Incident Energy (MeV)

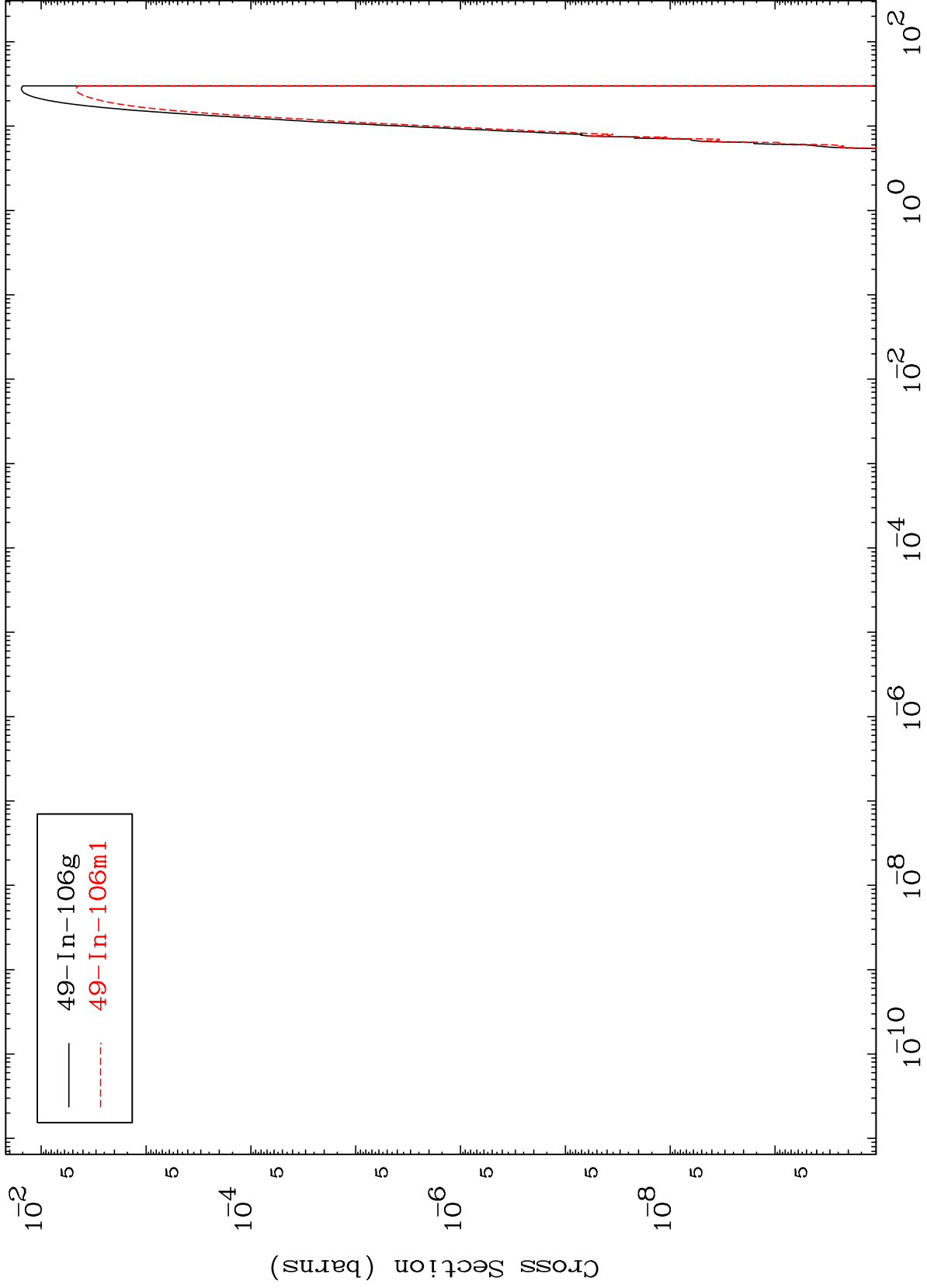
51-Sb-108

MAT 5086

(n,He-3)

51-Sb-108

Radionuclide Production Cross Section

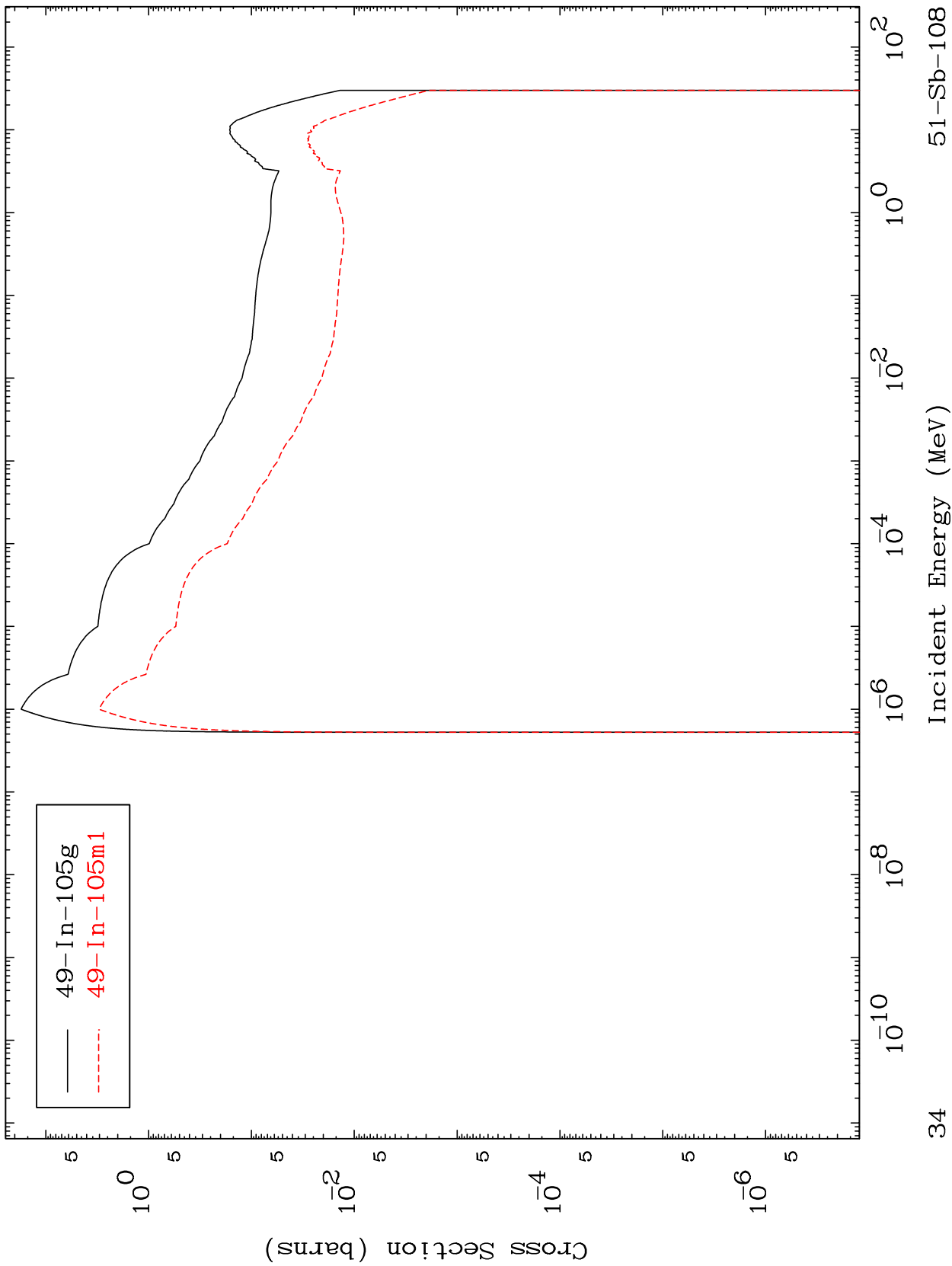


— 49-In-106g
- - - 49-In-106m1

MAT 5086

51-Sb-108

Radionuclide Production Cross Section



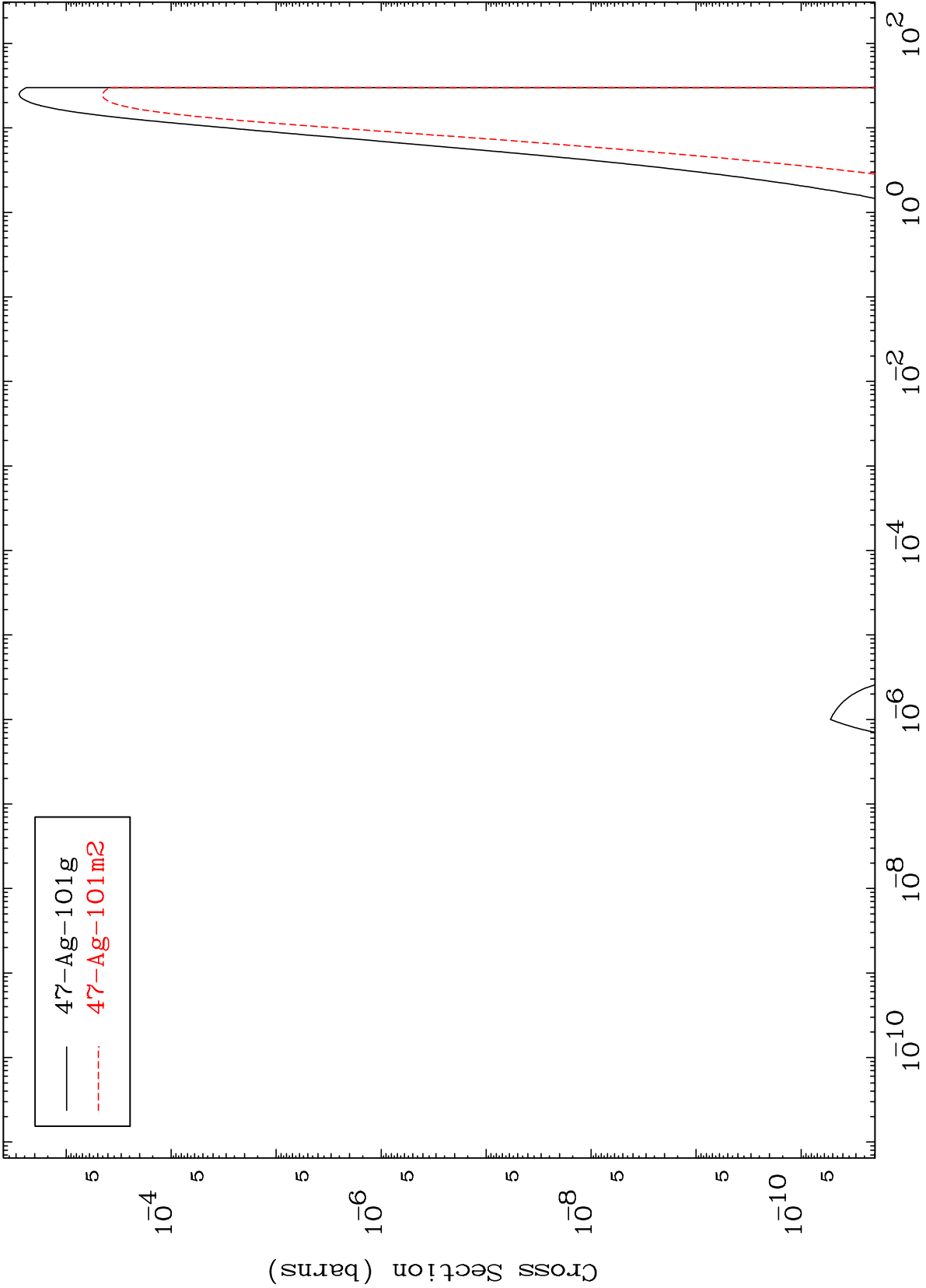
— 49-In-105g
- - - 49-In-105m1

MAT 5086

(n,2α)

51-Sb-108

Radionuclide Production Cross Section



35

Incident Energy (MeV)

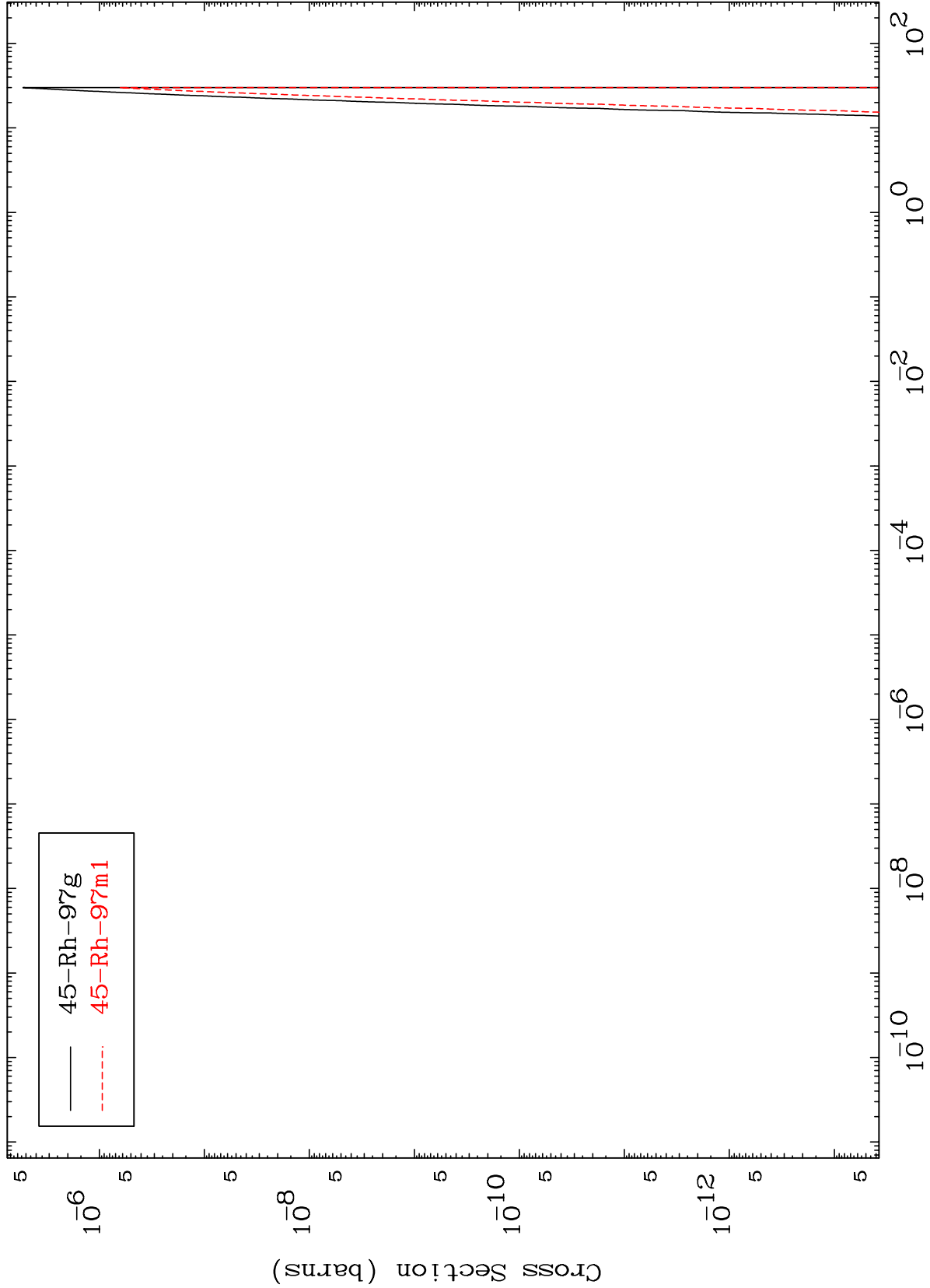
51-Sb-108

MAT 5086

(n,3α)

51-Sb-108

Radionuclide Production Cross Section

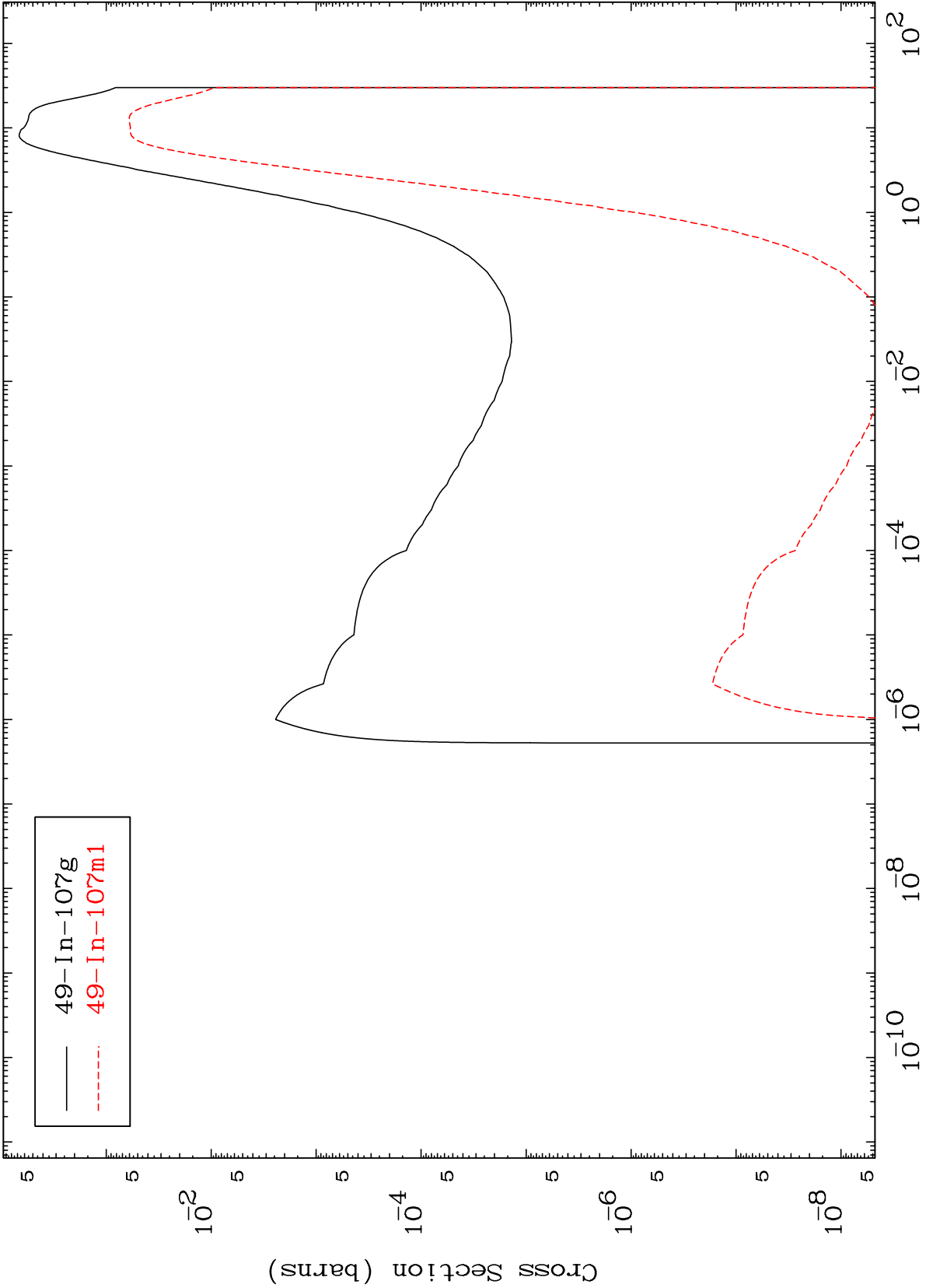


MAT 5086

(n,2p)

51-Sb-108

Radionuclide Production Cross Section



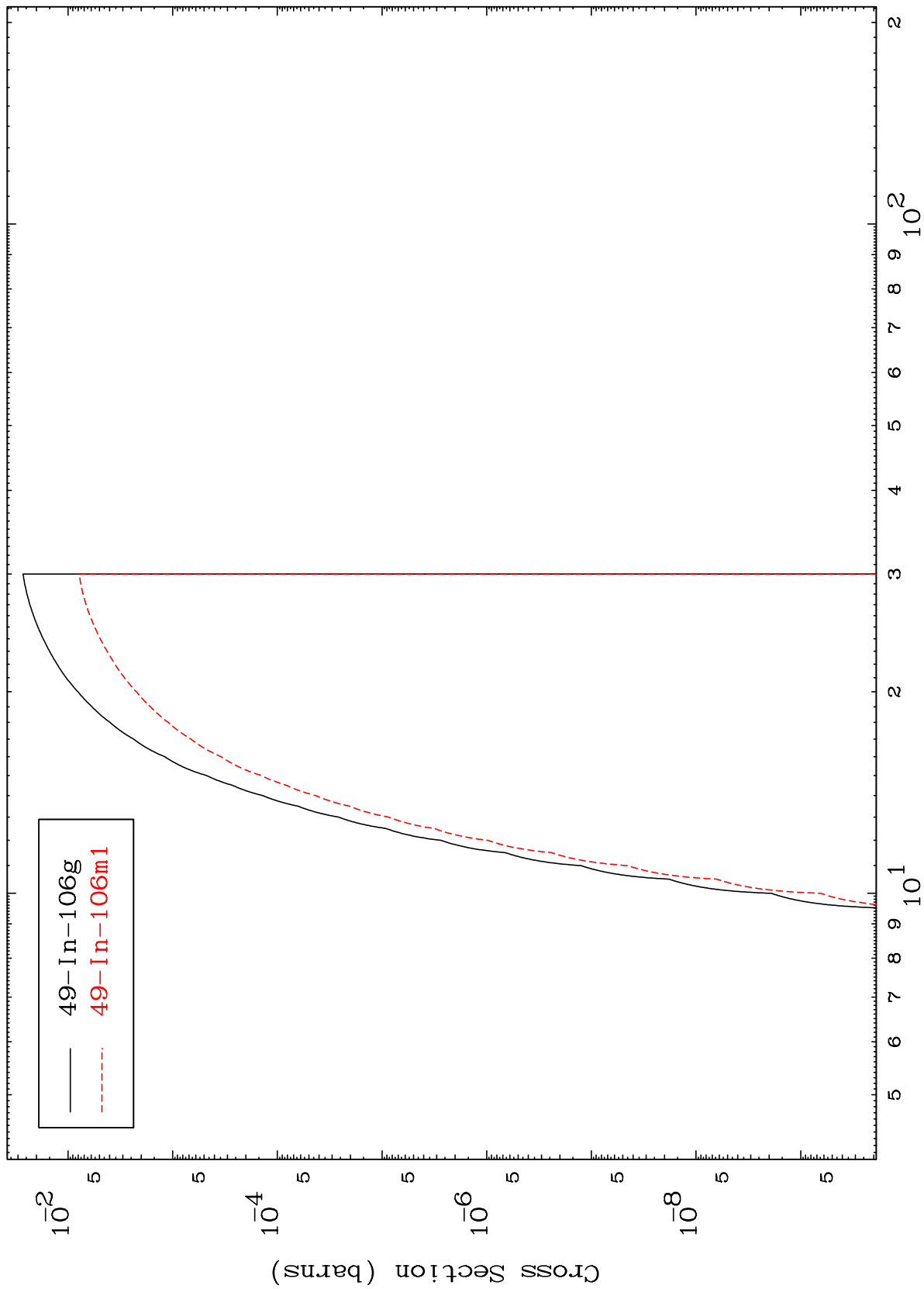
— 49-In-107g
- - - 49-In-107m1

MAT 5086

(n,p) d

51-Sb-108

Radionuclide Production Cross Section



Legend:
— 49-In-106g
- - - 49-In-106m1

38

Incident Energy (MeV)

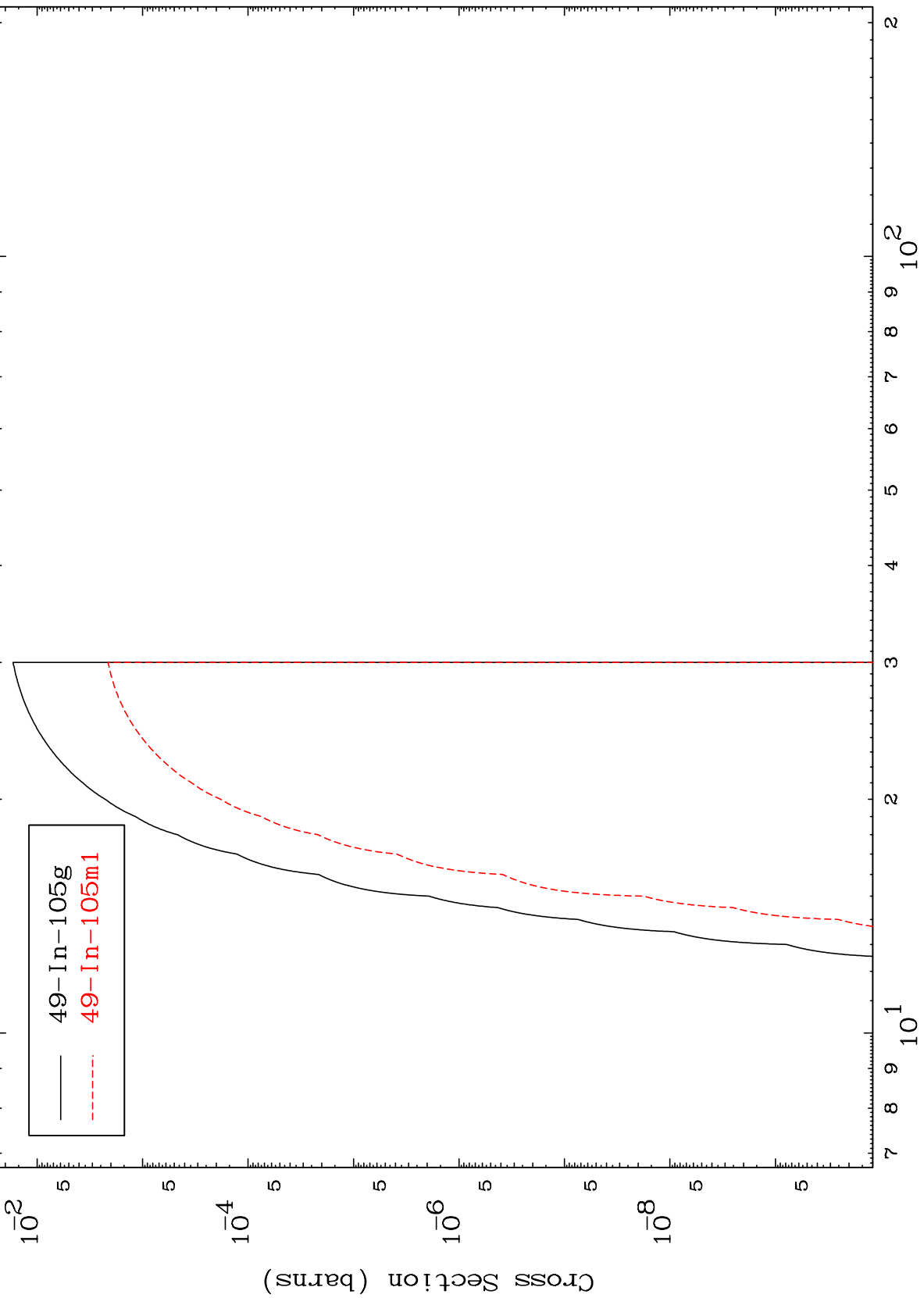
51-Sb-108

MAT 5086

(n,p) t

51-Sb-108

Radionuclide Production Cross Section



39

Incident Energy (MeV)

51-Sb-108