

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

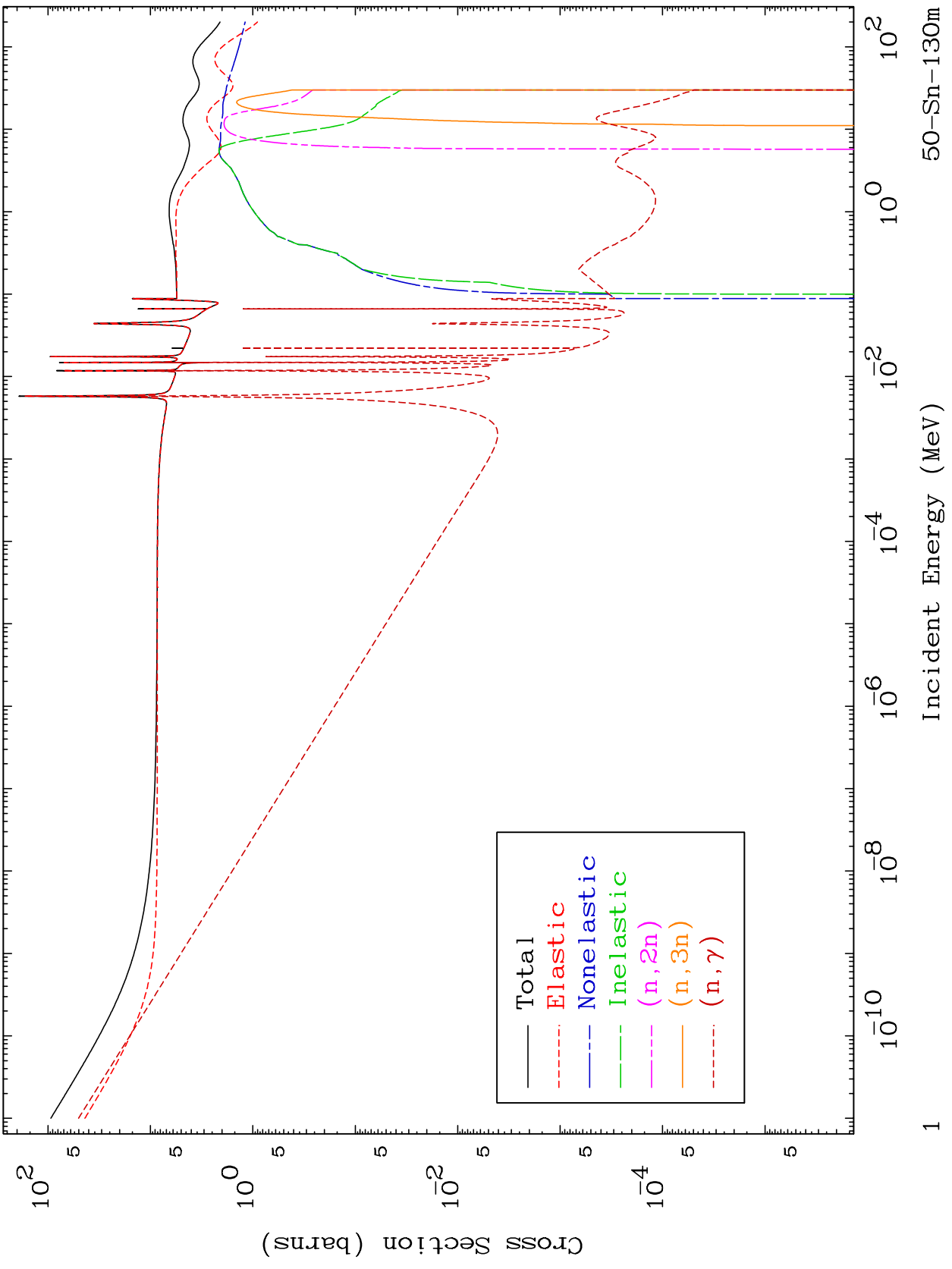
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5080

Neutron Major
293 Kelvin Cross Sections

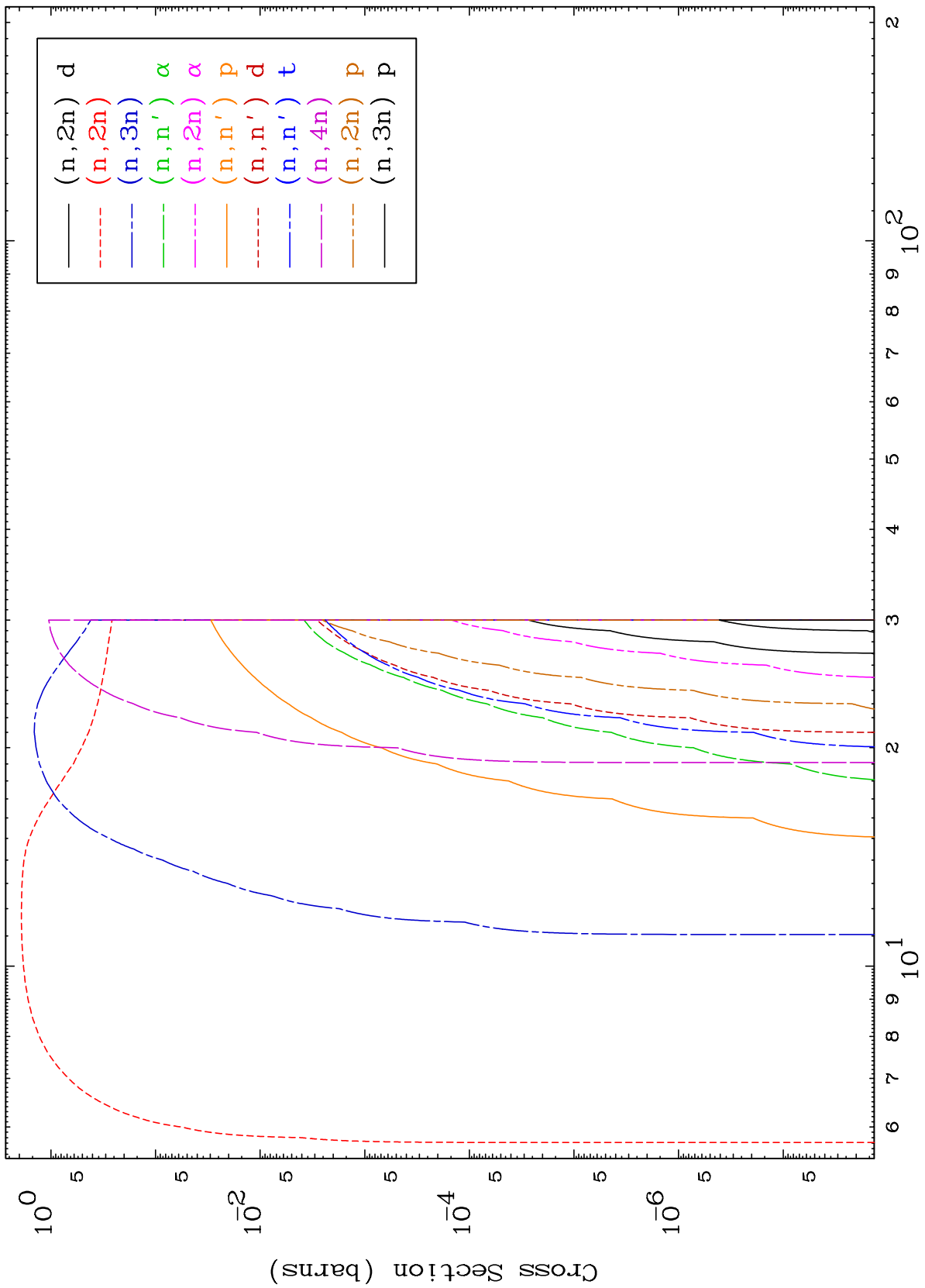
50-Sn-130m



MAT 5080

Neutron Absorption
293 Kelvin Cross Sections

50-Sn-130m



2

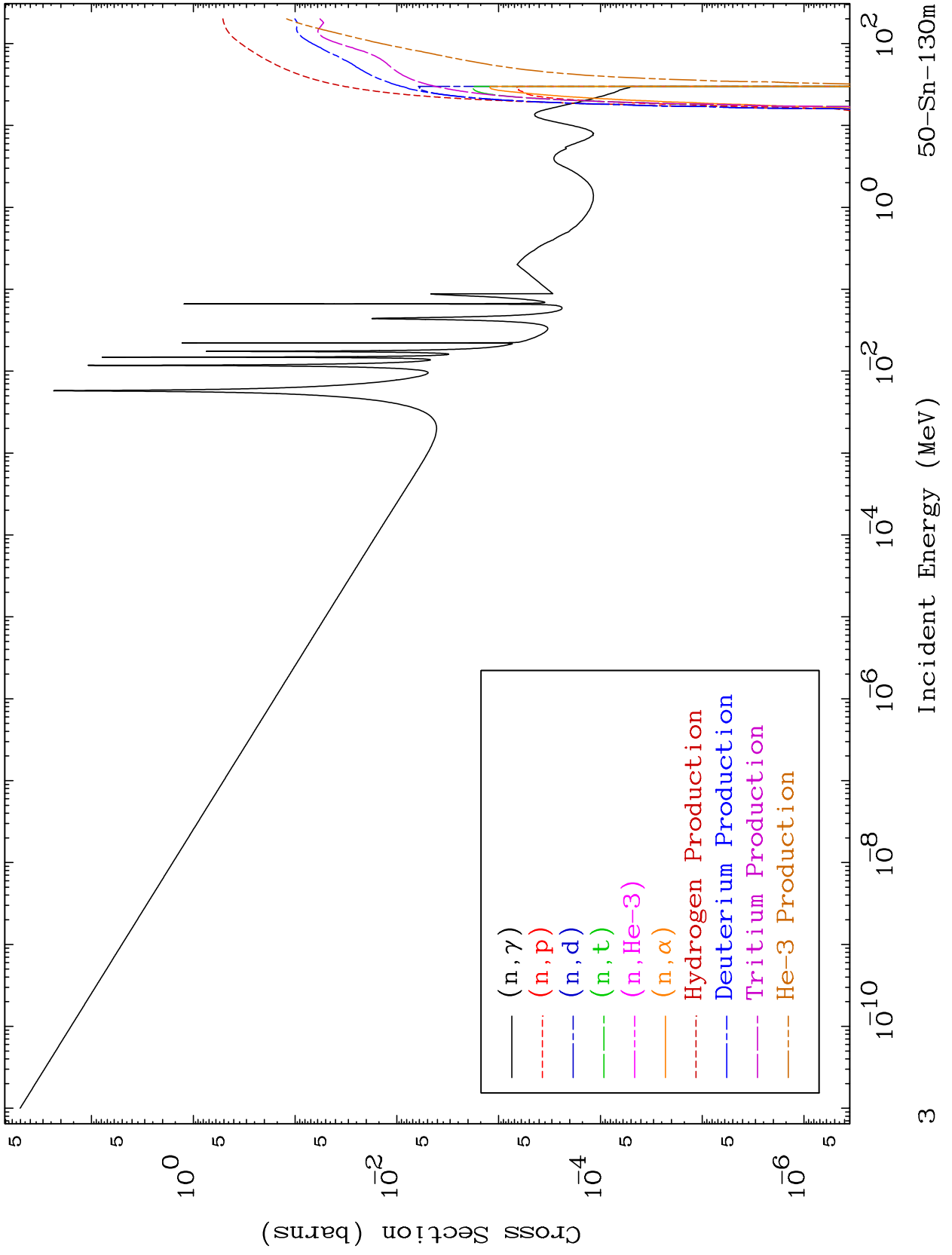
Incident Energy (MeV)

50-Sn-130m

MAT 5080

Neutron Absorption
293 Kelvin Cross Sections

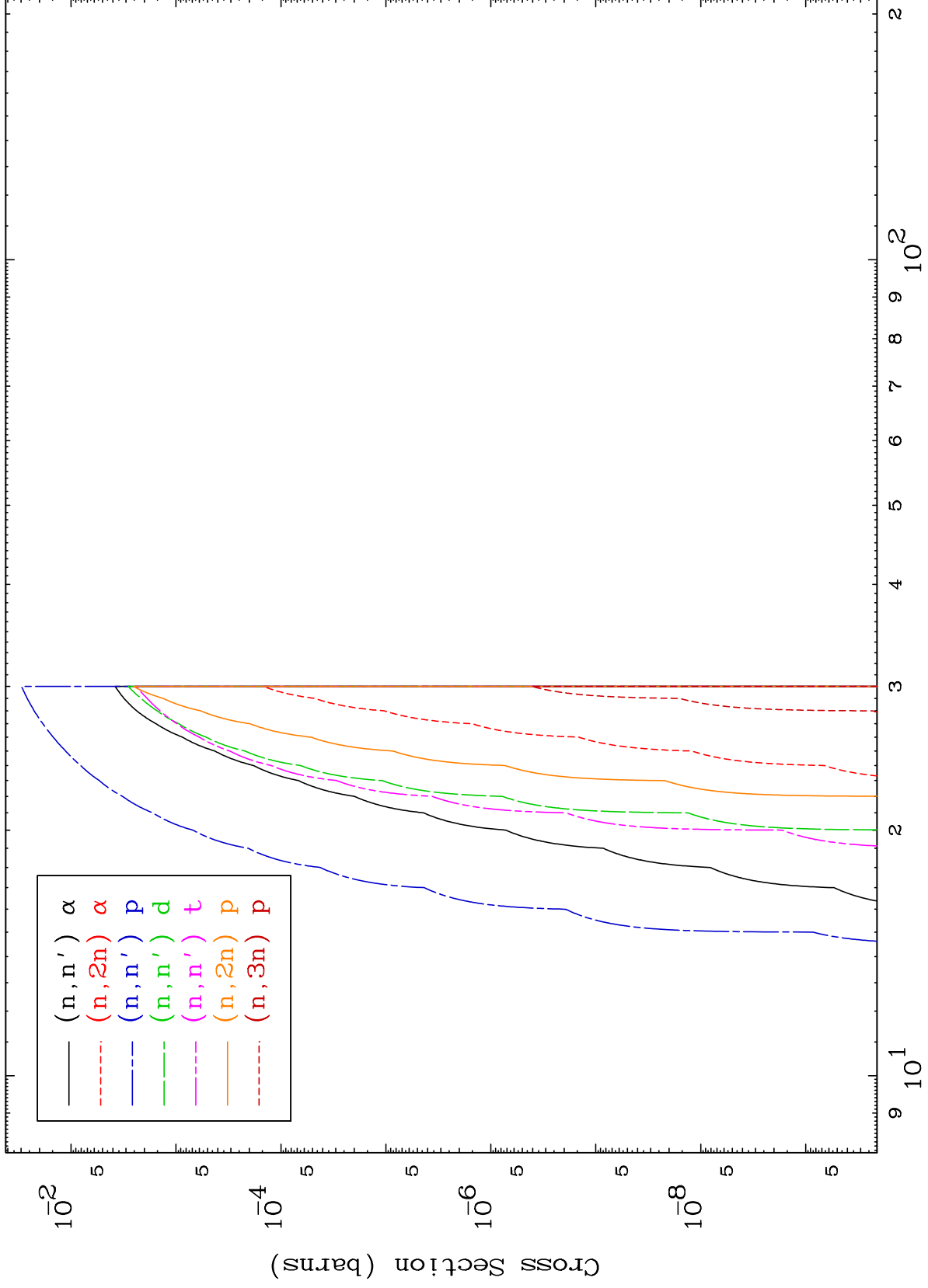
50-Sn-130m



MAT 5080

Charged Particle
293 Kelvin Cross Sections

50-Sn-130m



4

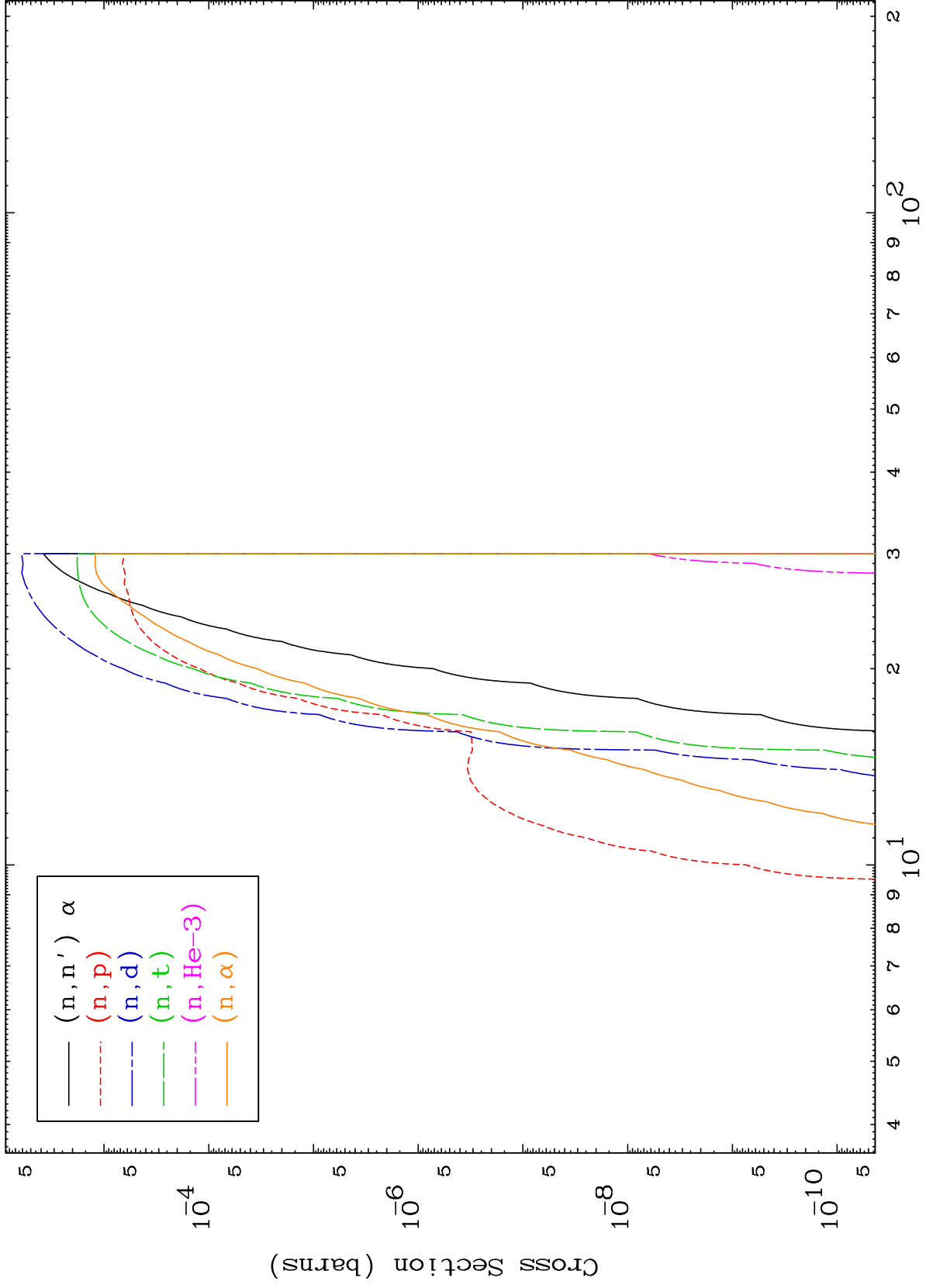
Incident Energy (MeV)

50-Sn-130m

MAT 5080

Charged Particle
293 Kelvin Cross Sections

50-Sn-130m



5

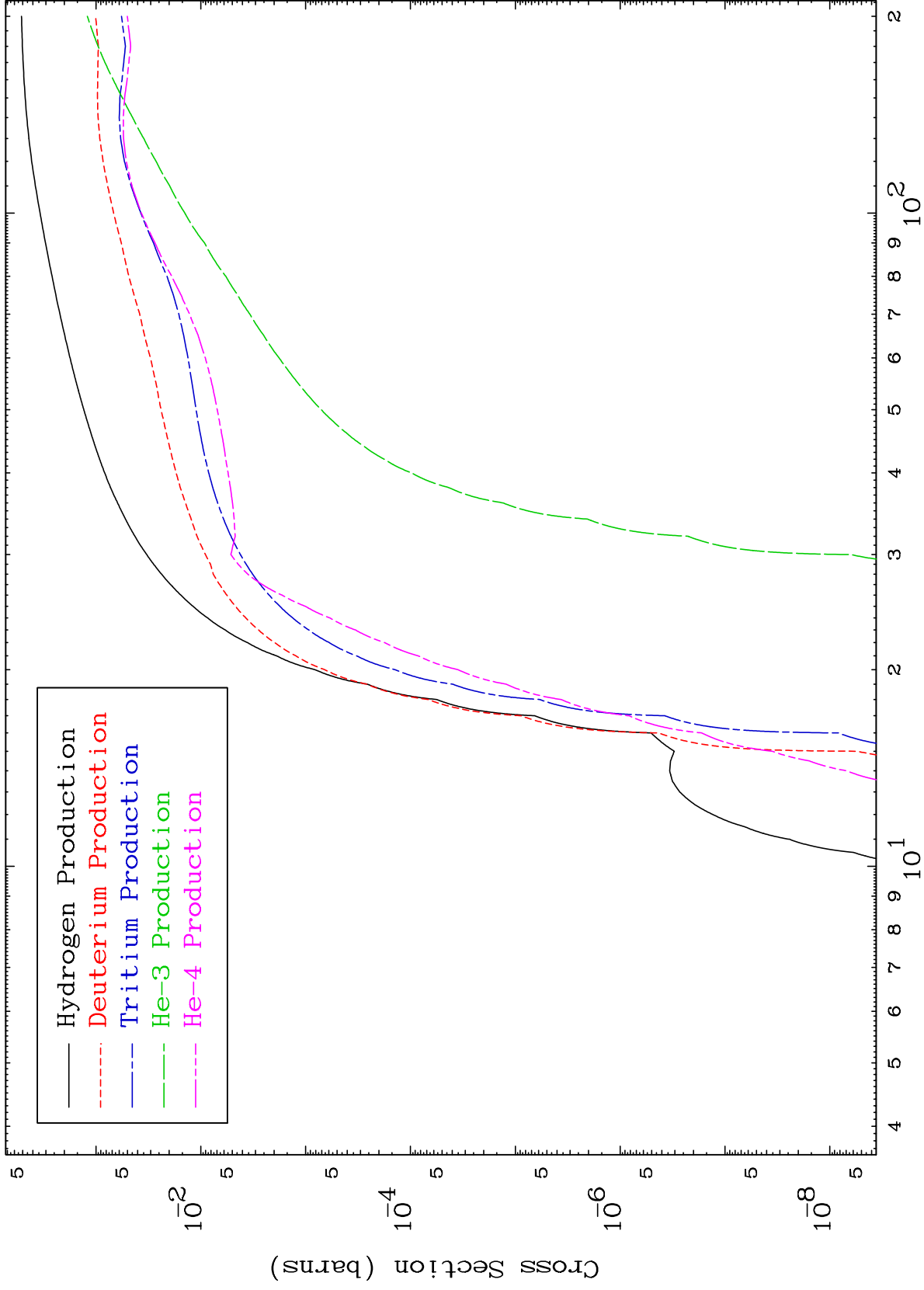
Incident Energy (MeV)

50-Sn-130m

MAT 5080

Particle Production
293 Kelvin Cross Sections

50-Sn-130m



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Incident Energy (MeV)

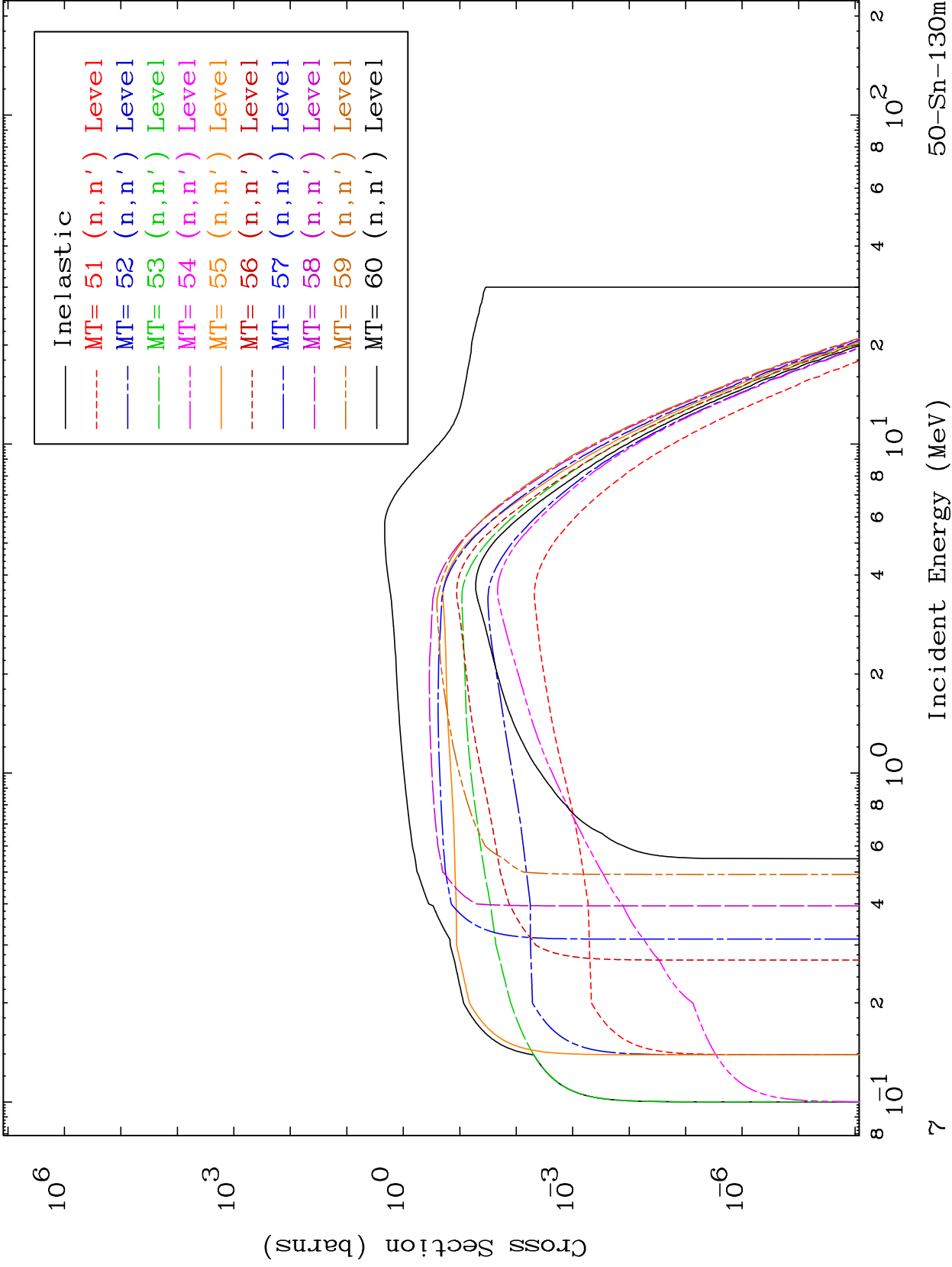
50-Sn-130m

MAT 5080

(n,n') Levels

293 Kelvin Cross Sections

50-Sn-130m



Incident Energy (MeV)

50-Sn-130m

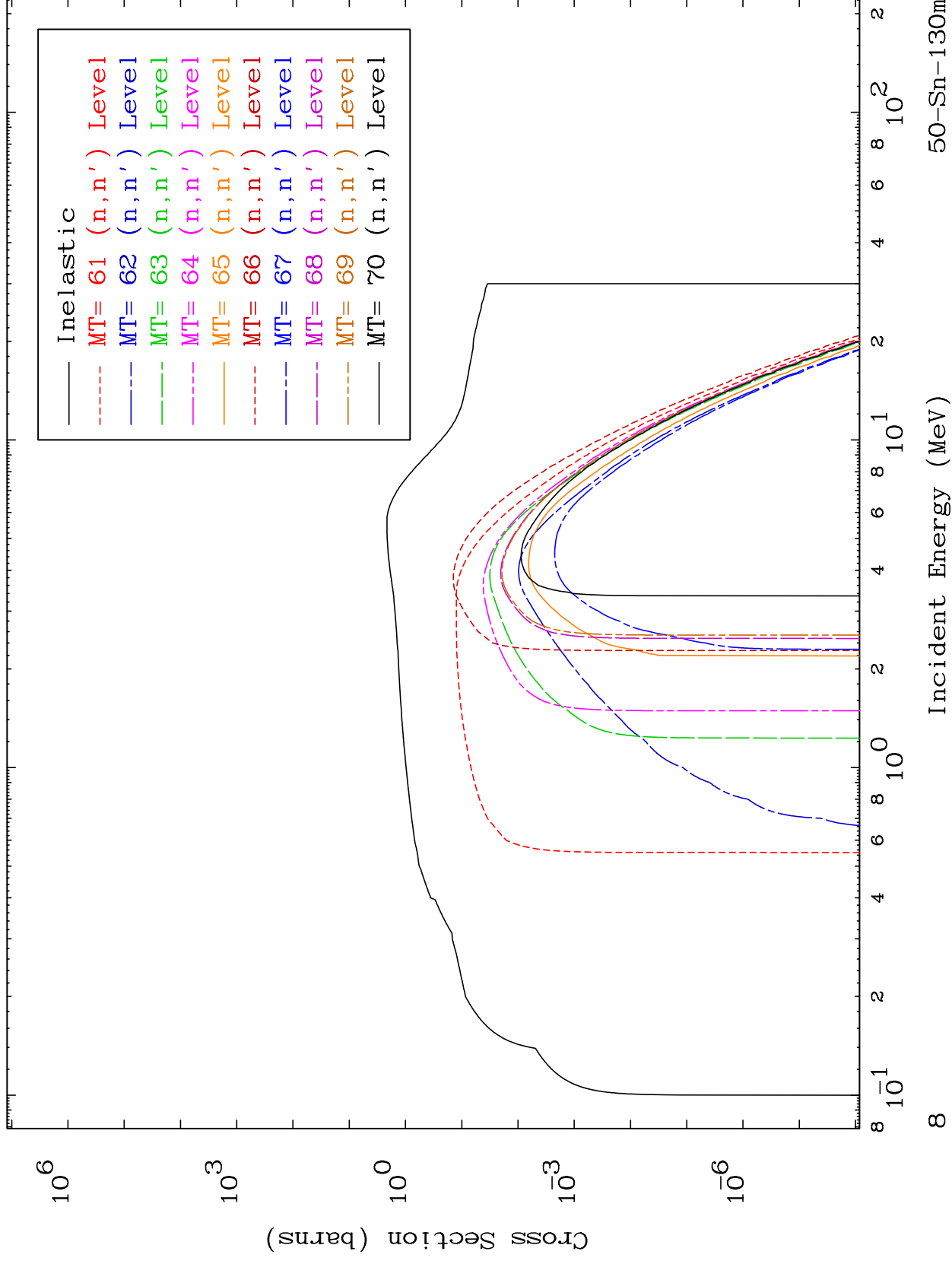
7

MAT 5080

(n,n') Levels

293 Kelvin Cross Sections

50-Sn-130m



50-Sn-130m

Incident Energy (MeV)

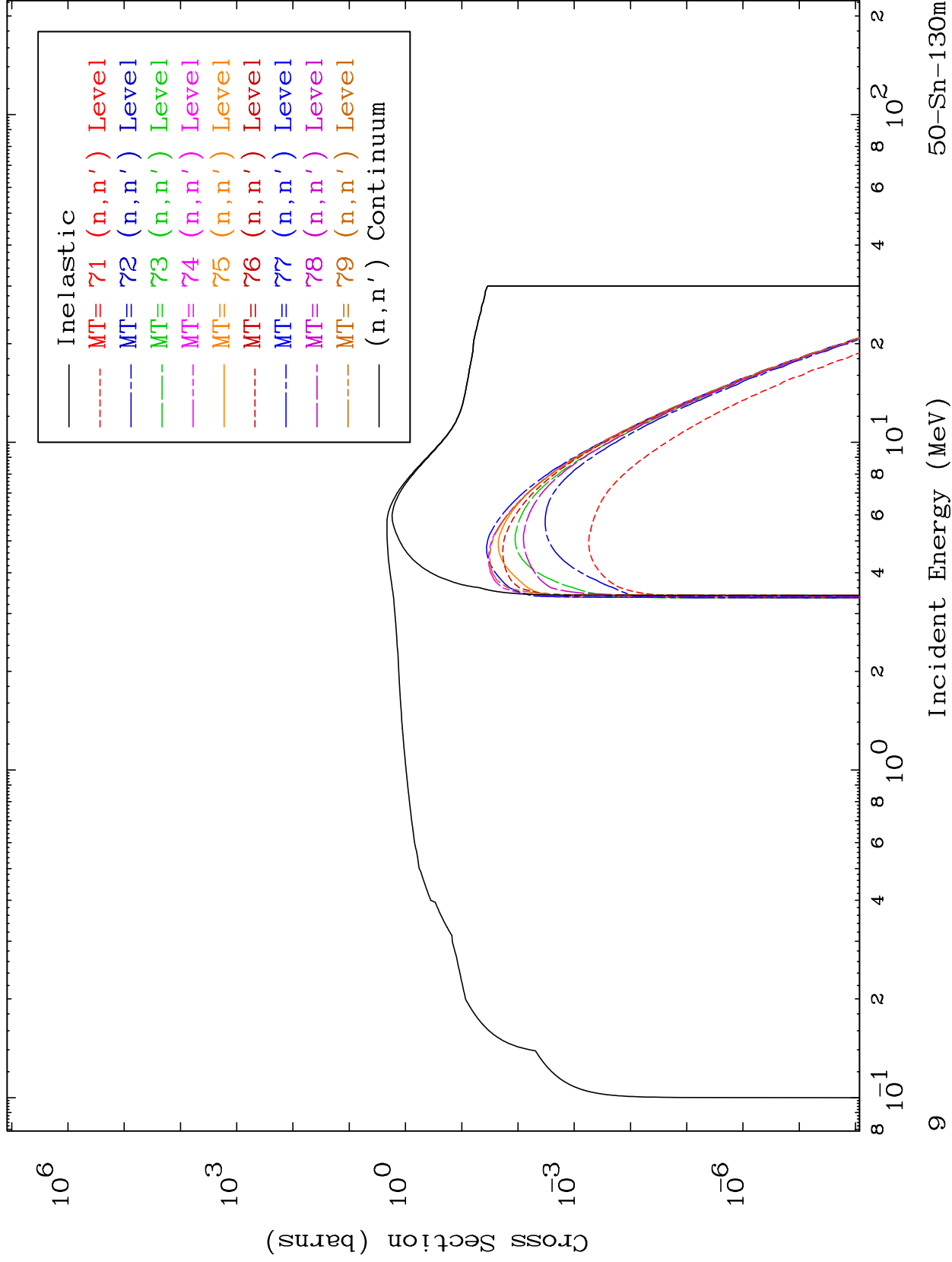
8

MAT 5080

(n,n') Levels

293 Kelvin Cross Sections

50-Sn-130m



50-Sn-130m

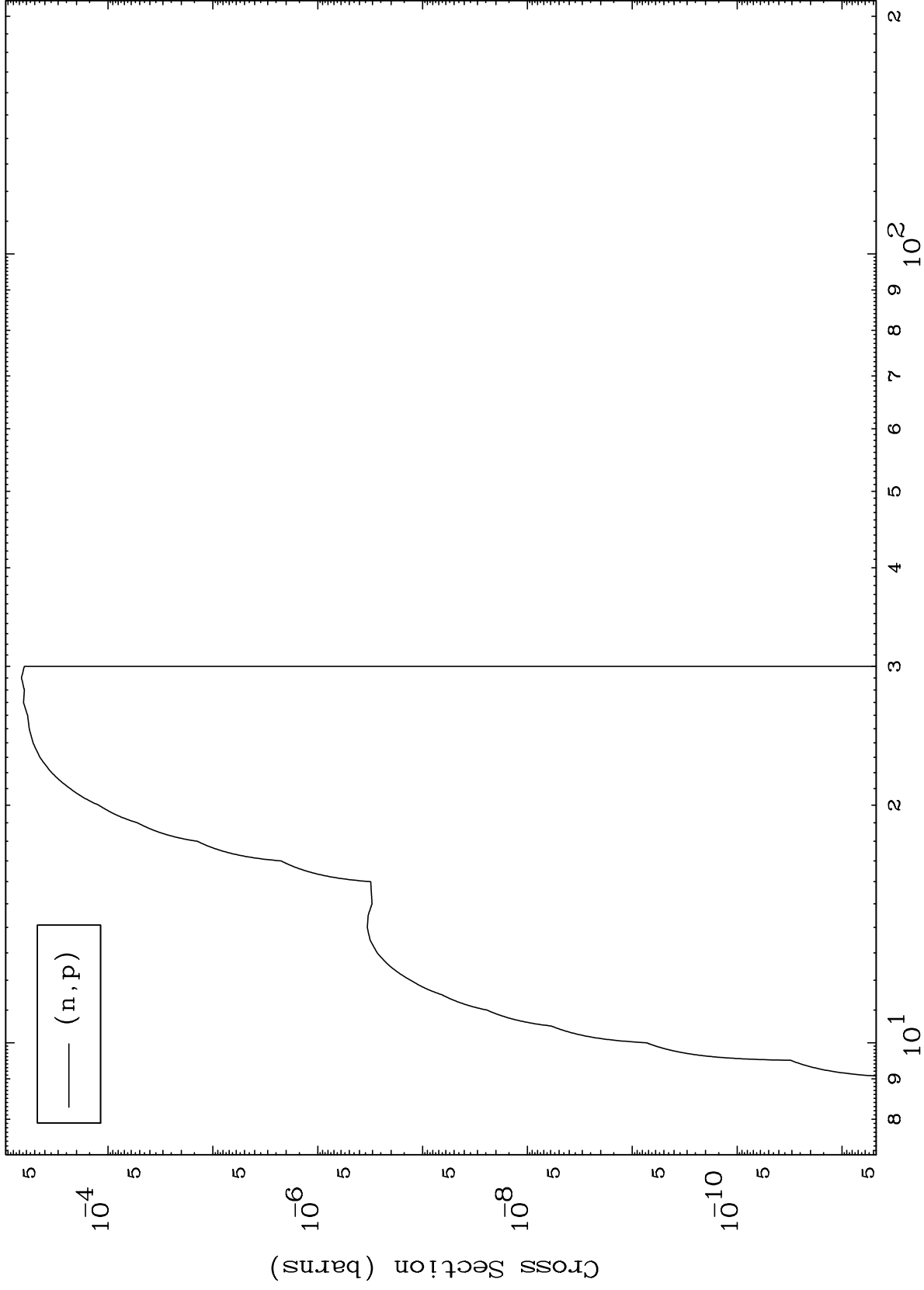
Incident Energy (MeV)

9

MAT 5080

(n,p) Levels
293 Kelvin Cross Sections

50-Sn-130m



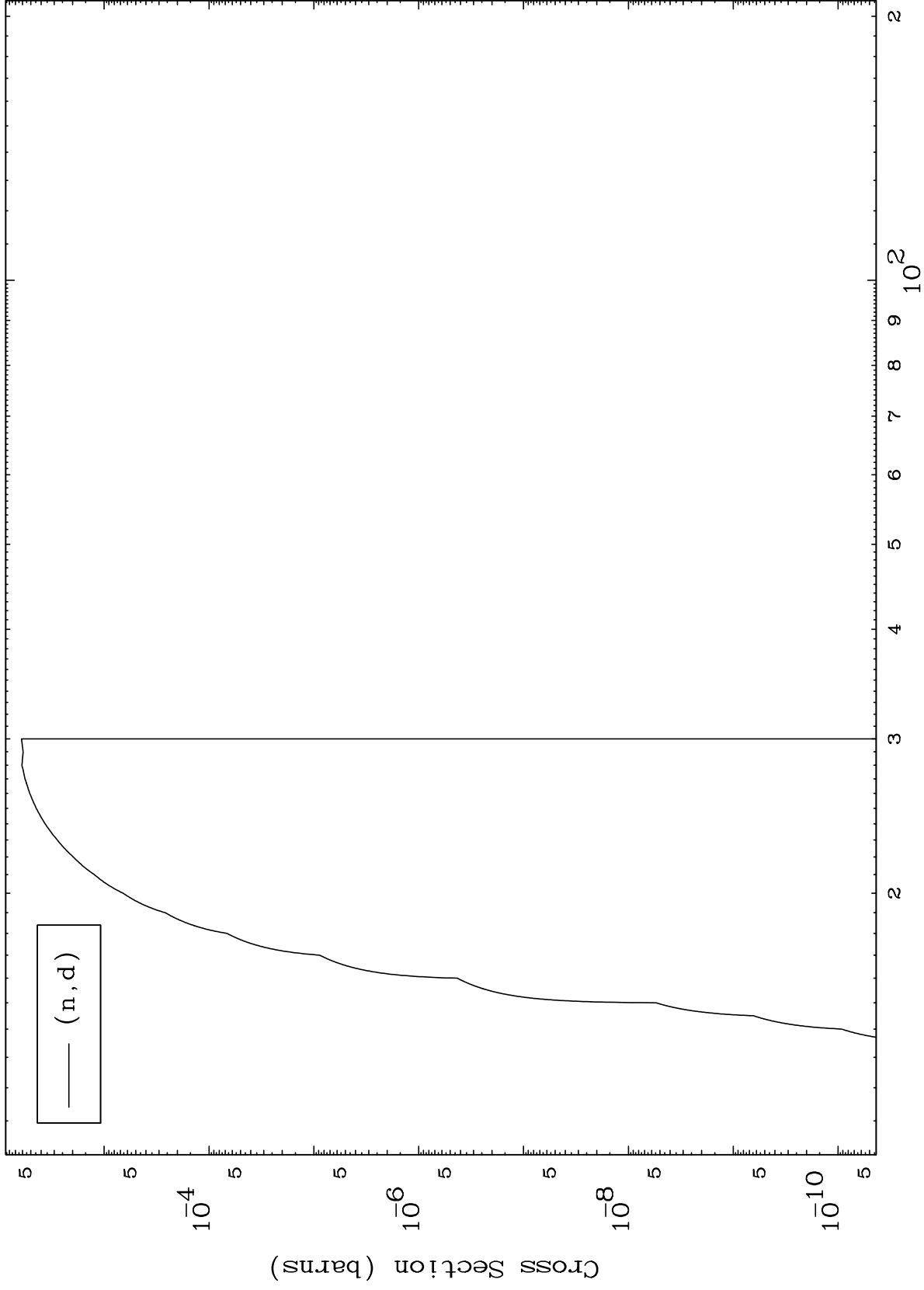
Incident Energy (MeV)

50-Sn-130m

MAT 5080

(n,d) Levels
293 Kelvin Cross Sections

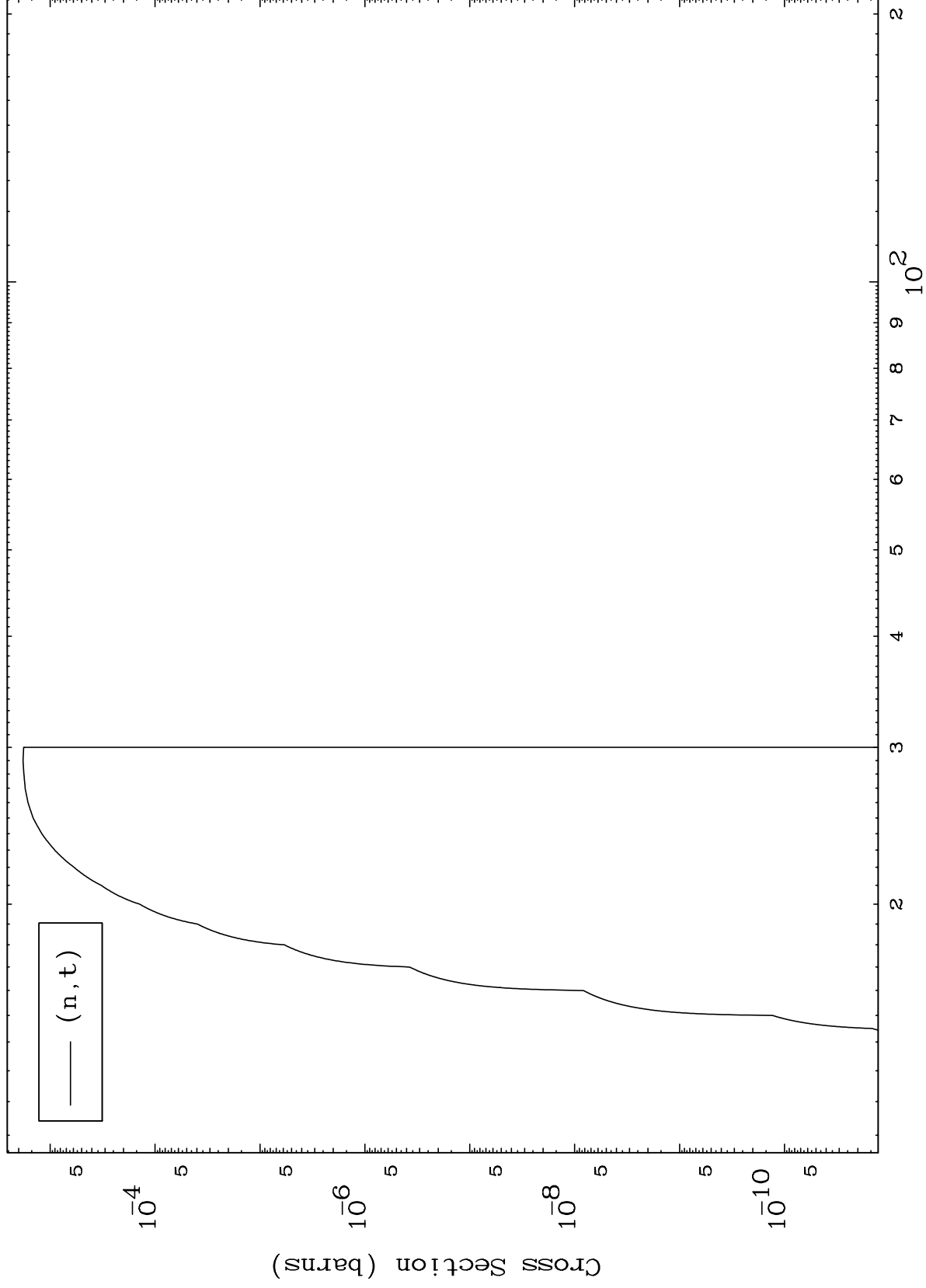
50-Sn-130m



MAT 5080

(n,t) Levels
293 Kelvin Cross Sections

50-Sn-130m



12

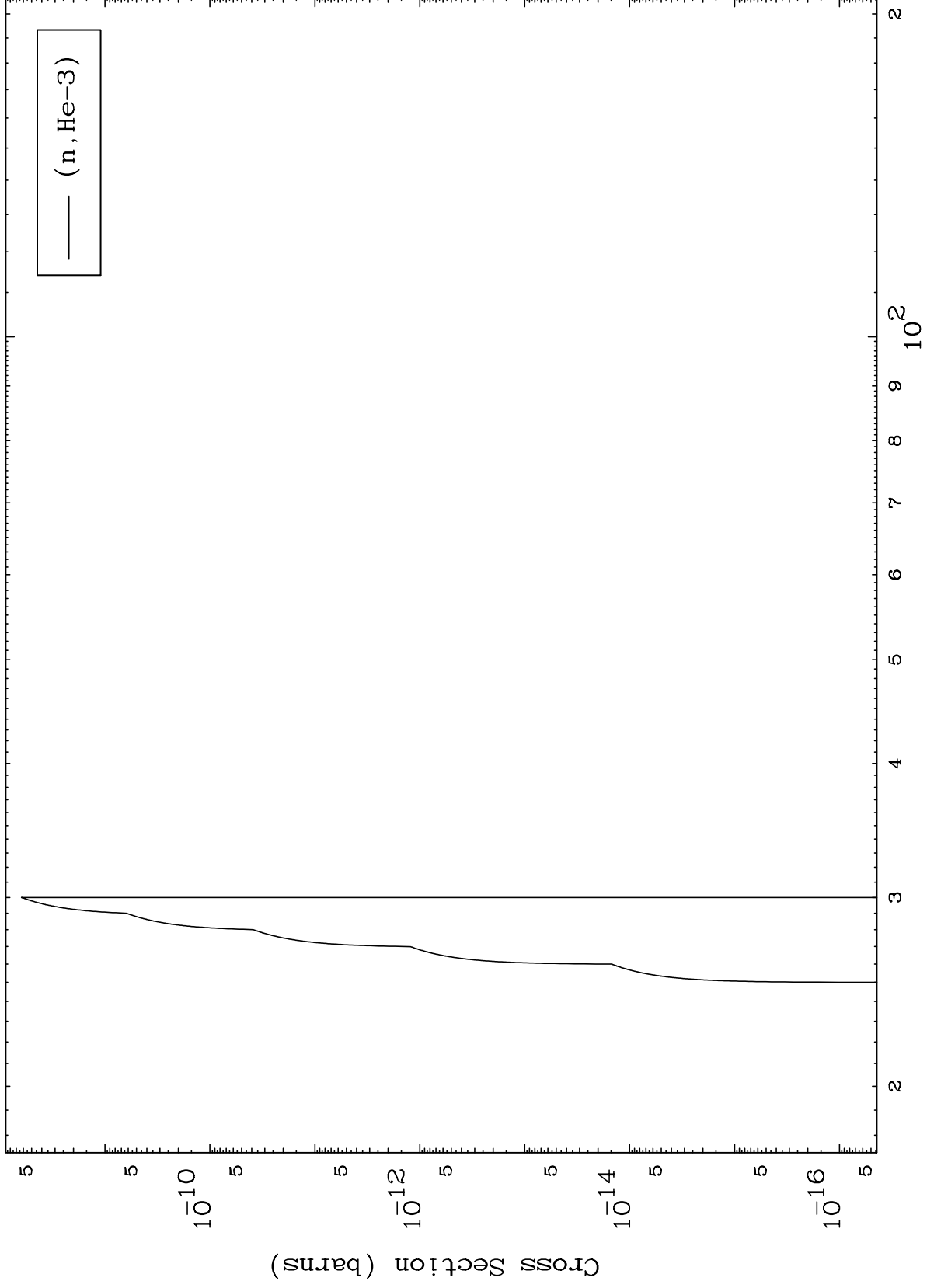
Incident Energy (MeV)

50-Sn-130m

MAT 5080

(n,He3) Levels
293 Kelvin Cross Sections

50-Sn-130m



13

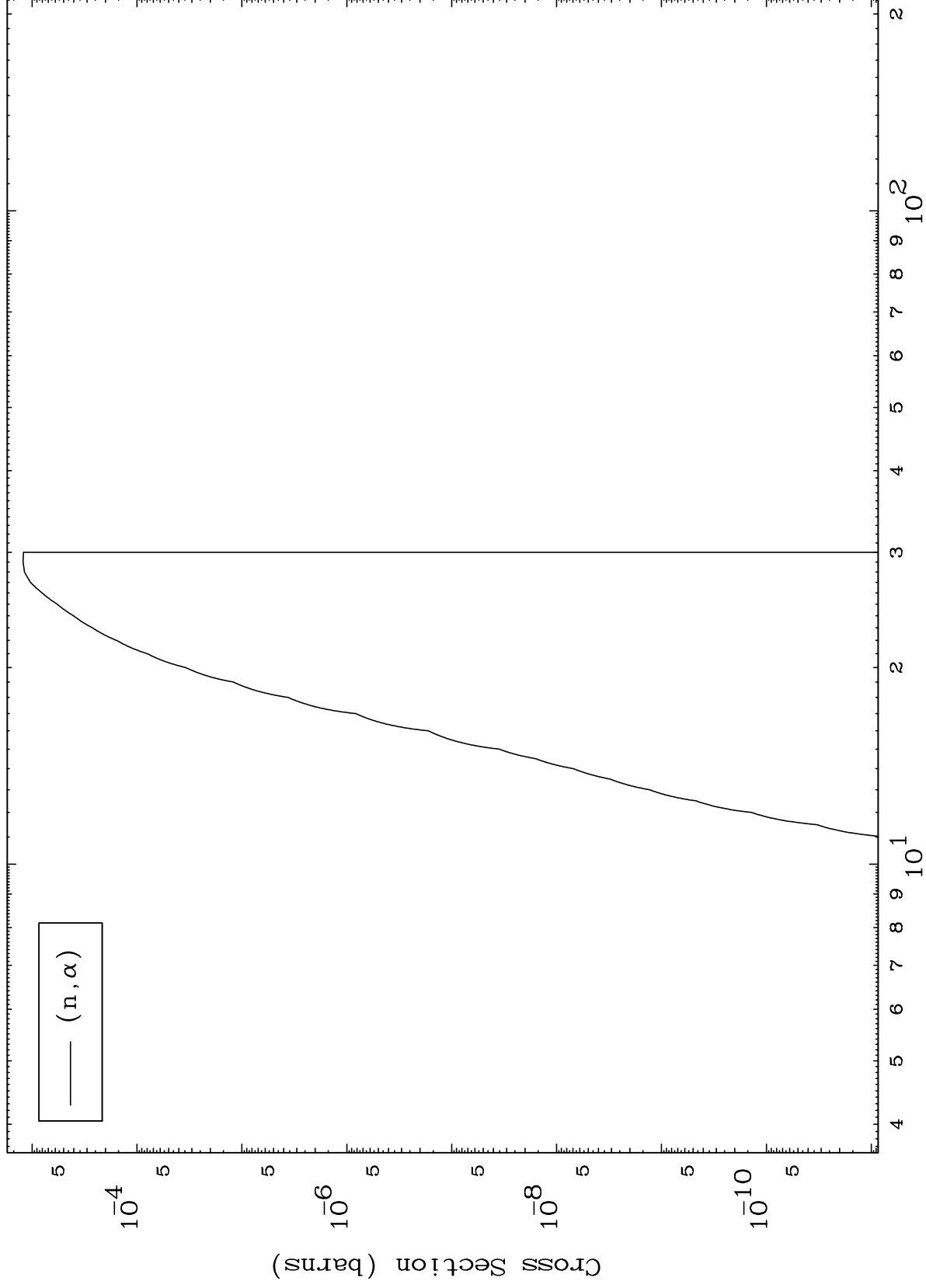
Incident Energy (MeV)

50-Sn-130m

MAT 5080

(n, α) Levels
293 Kelvin Cross Sections

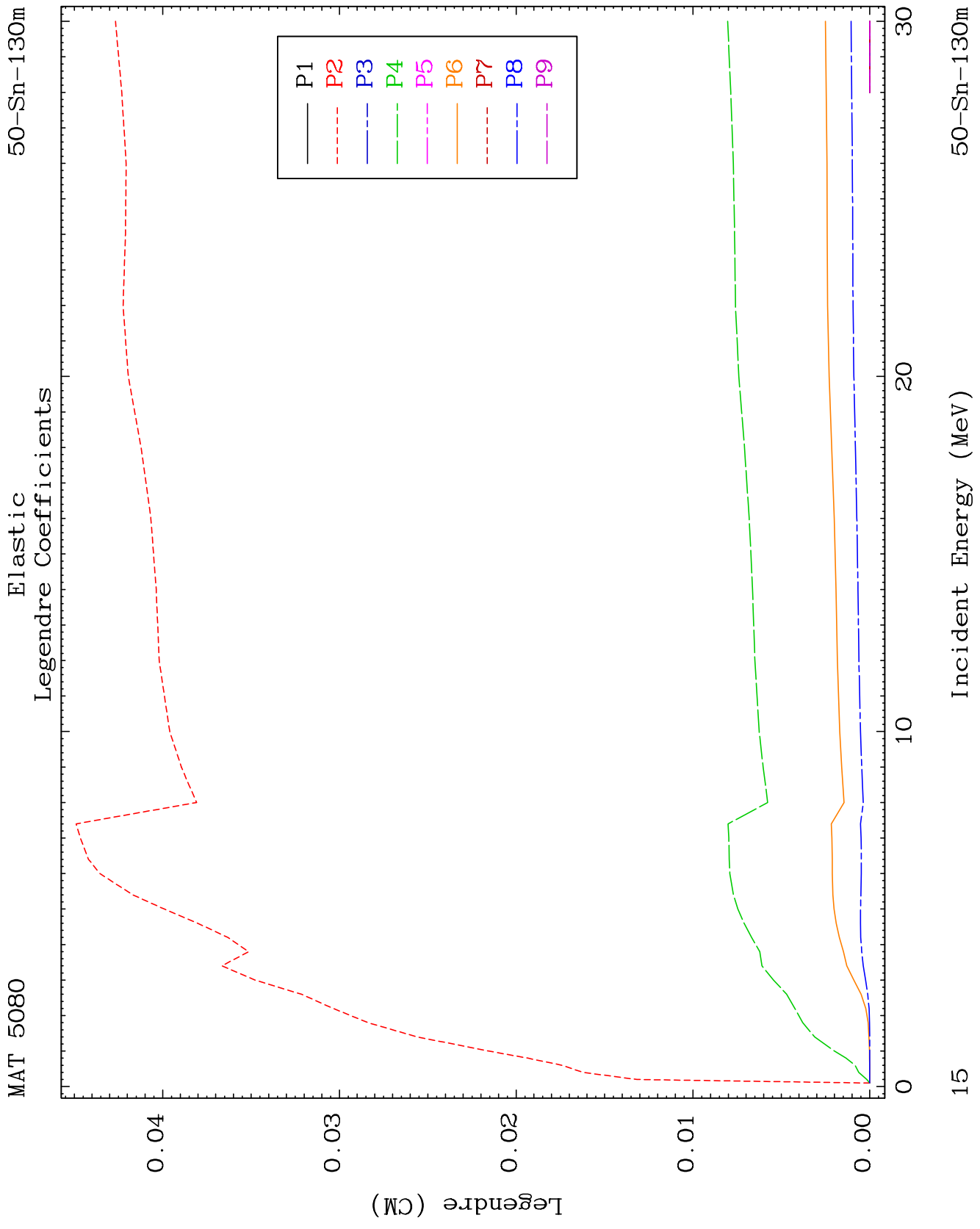
50-Sn-130m

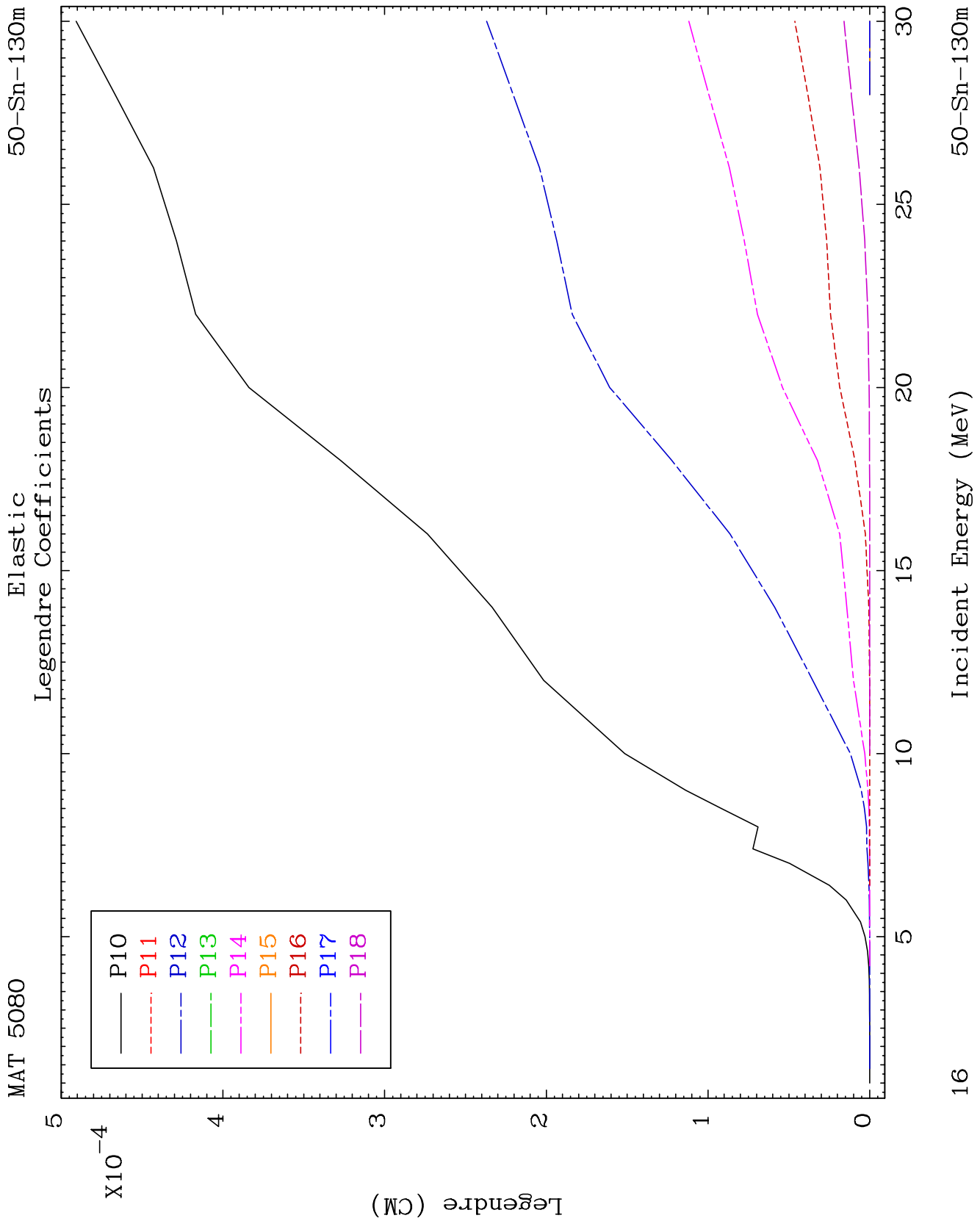


14

Incident Energy (MeV)

50-Sn-130m

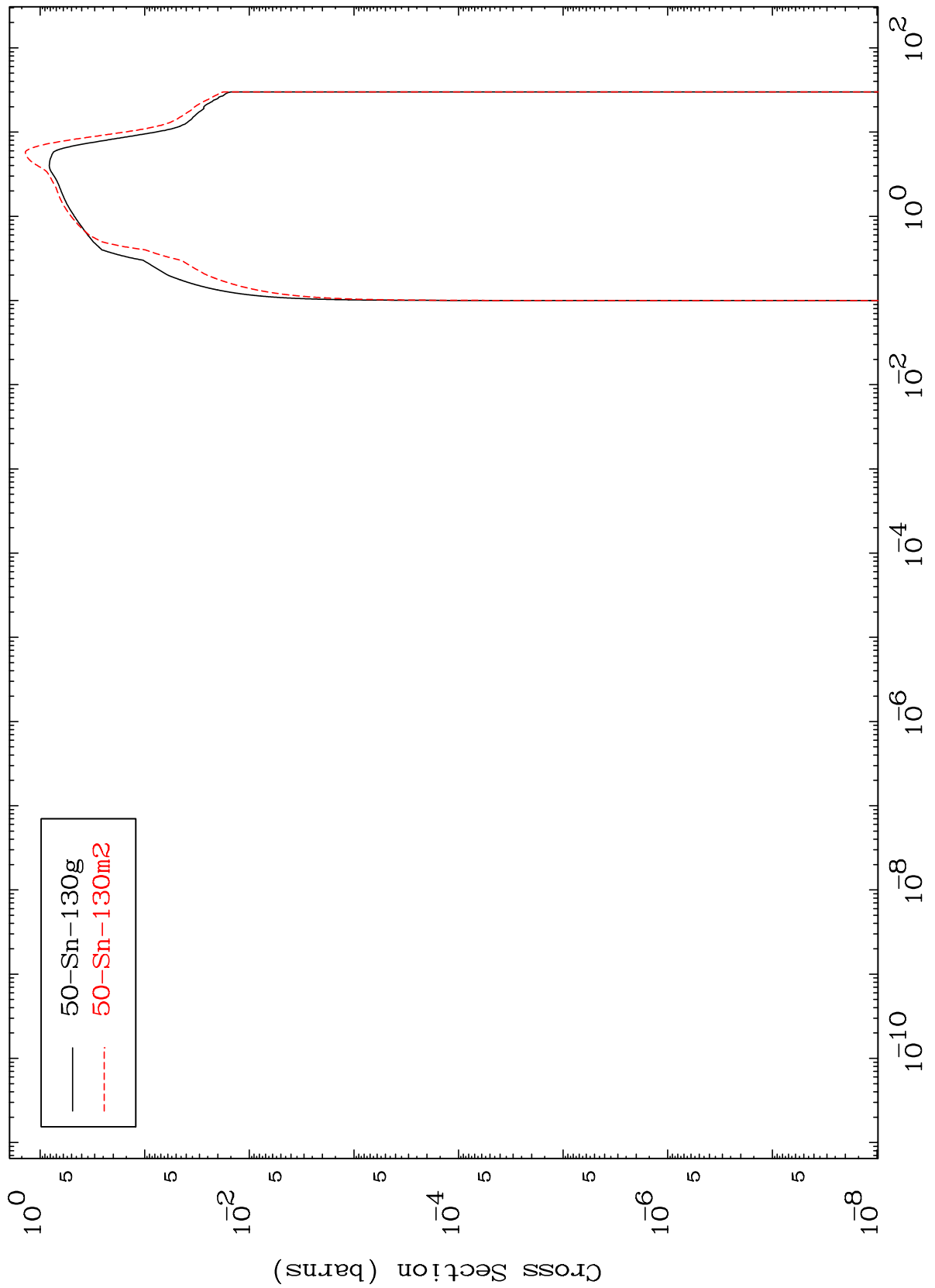




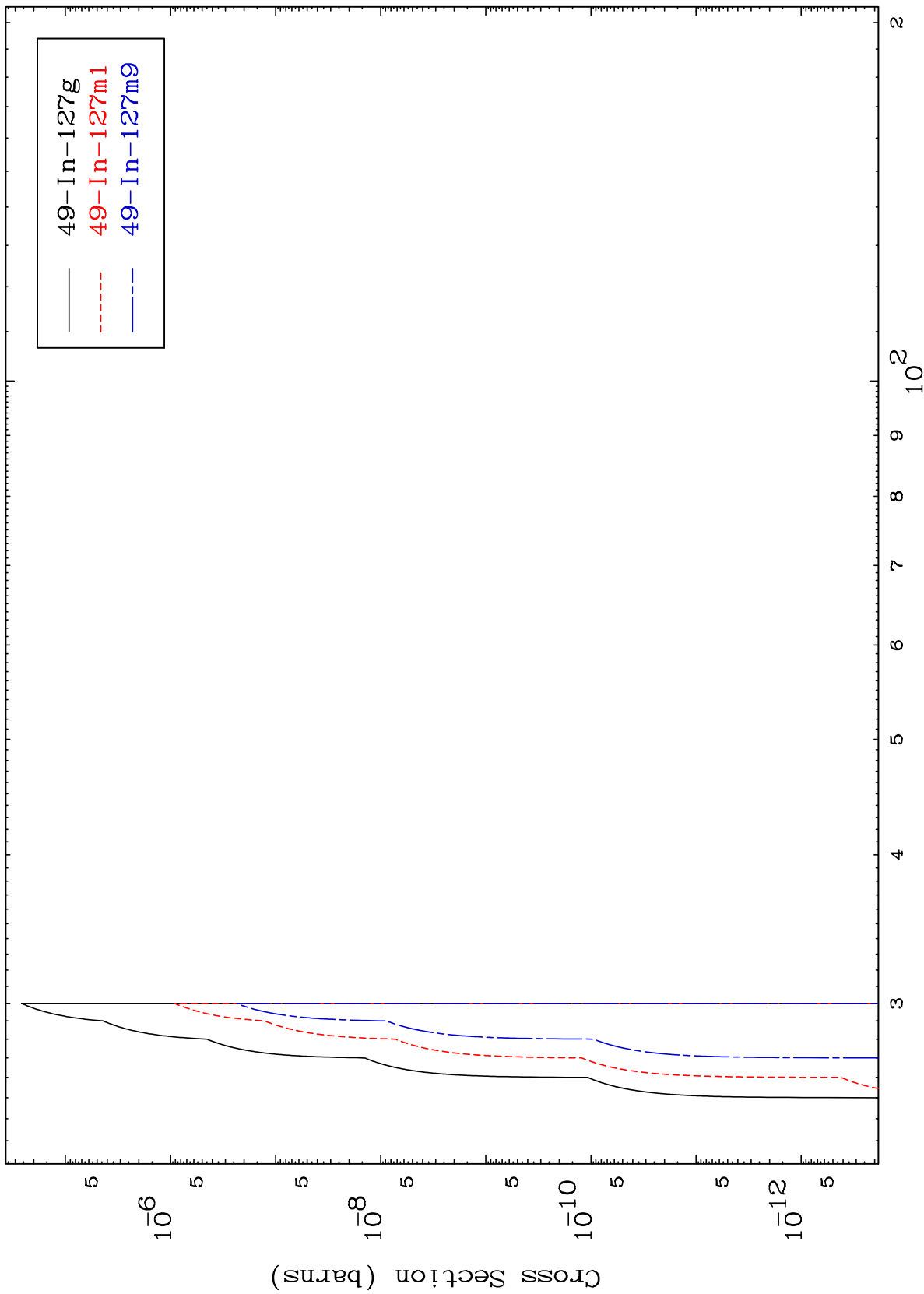
MAT 5080

50-Sn-130m

Inelastic
Radionuclide Production Cross Section



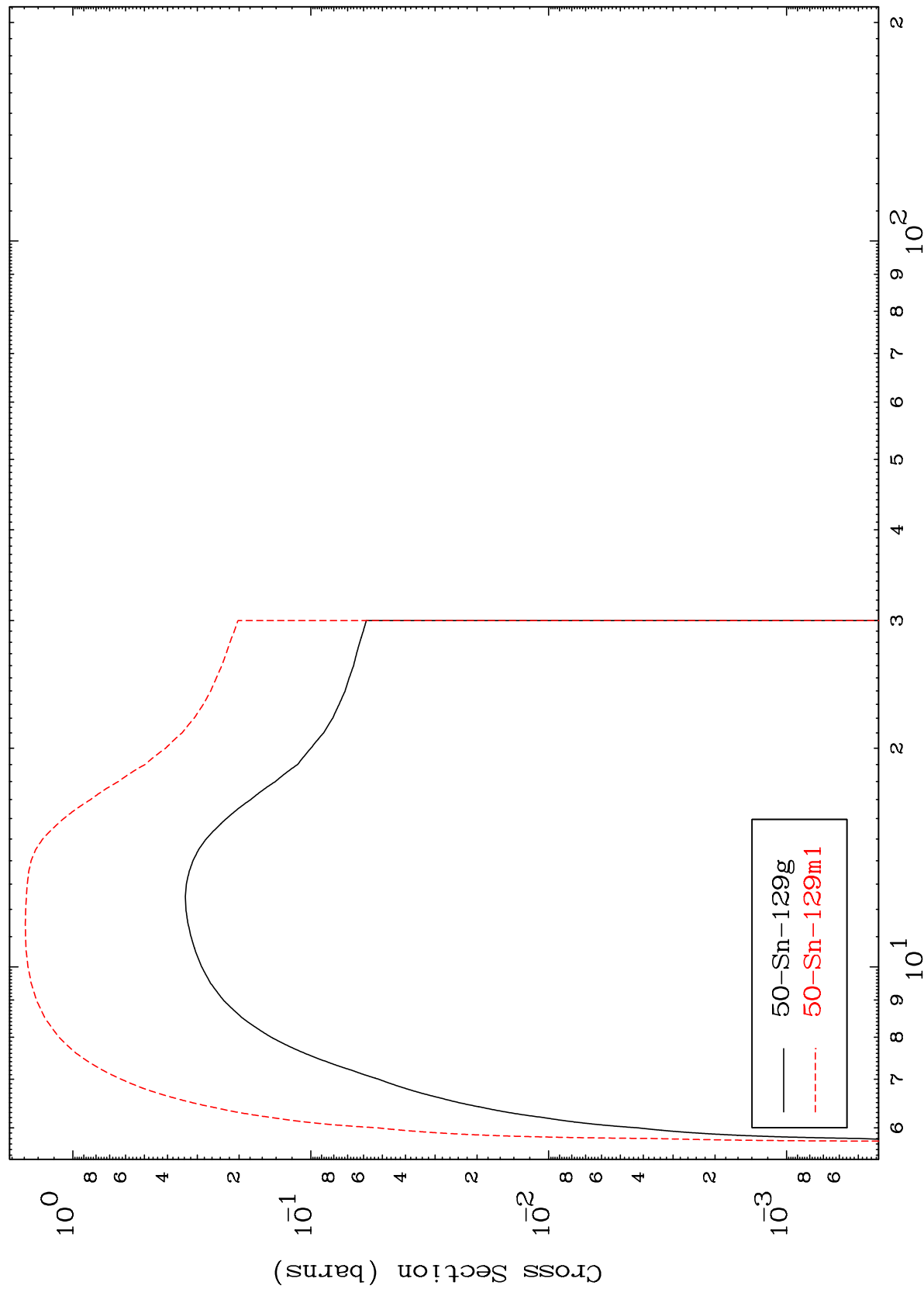
Radionuclide Production Cross Section



MAT 5080

50-Sn-130m

(n,2n)
Radionuclide Production Cross Section



50-Sn-130m

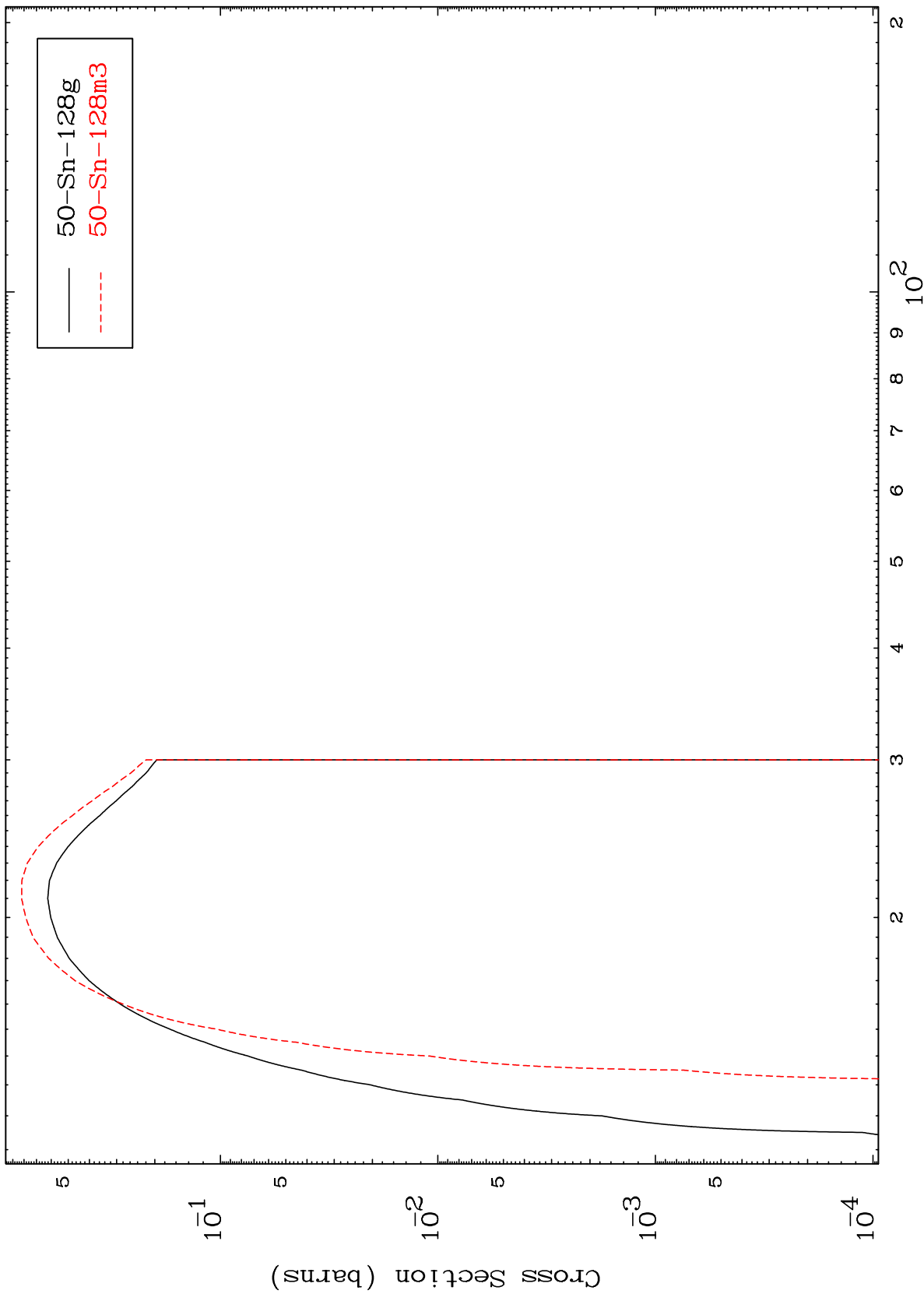
Incident Energy (MeV)

20

MAT 5080

50-Sn-130m

(n,3n)
Radionuclide Production Cross Section

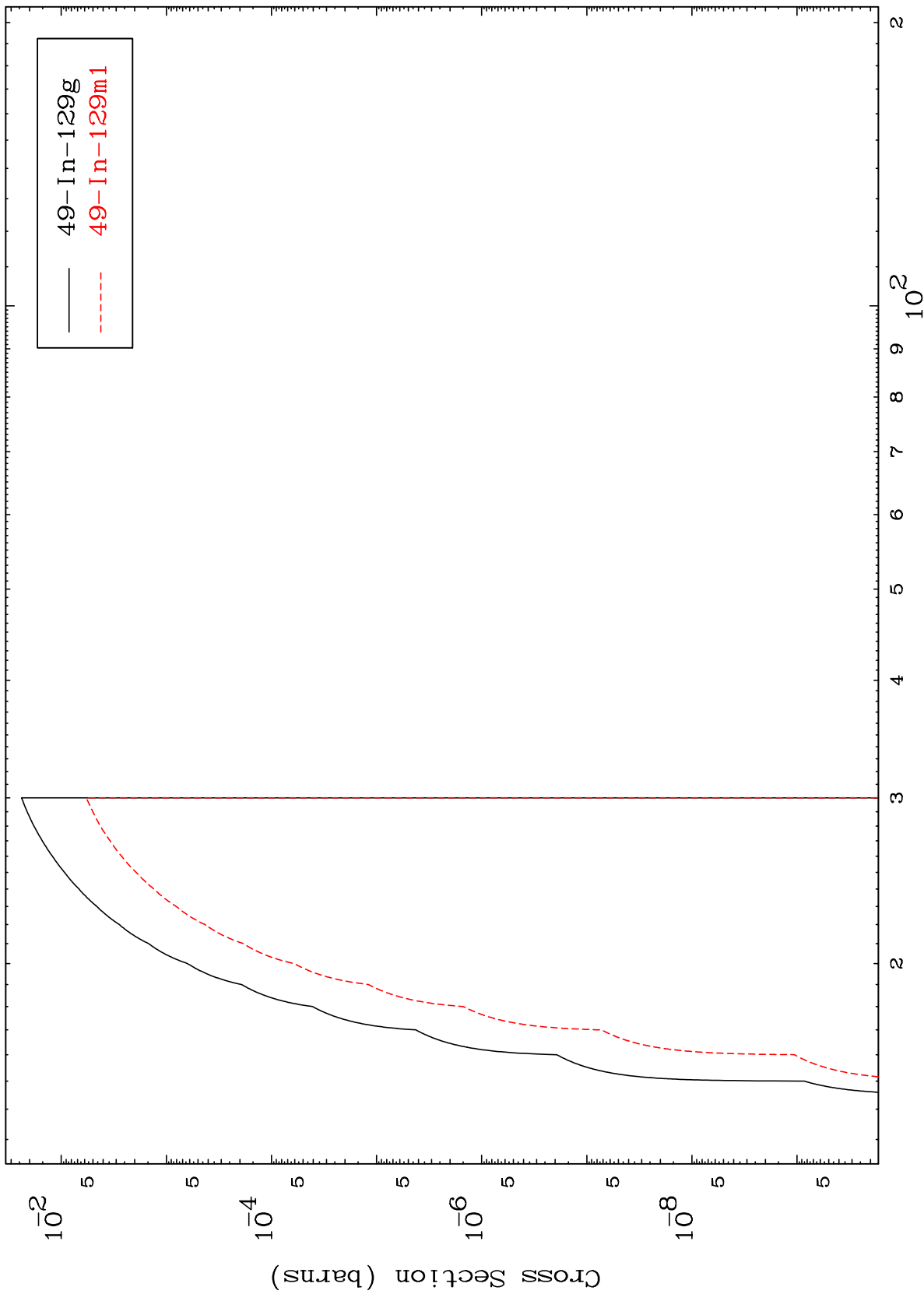


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Incident Energy (MeV)

50-Sn-130m

(n, n') p
Radionuclide Production Cross Section

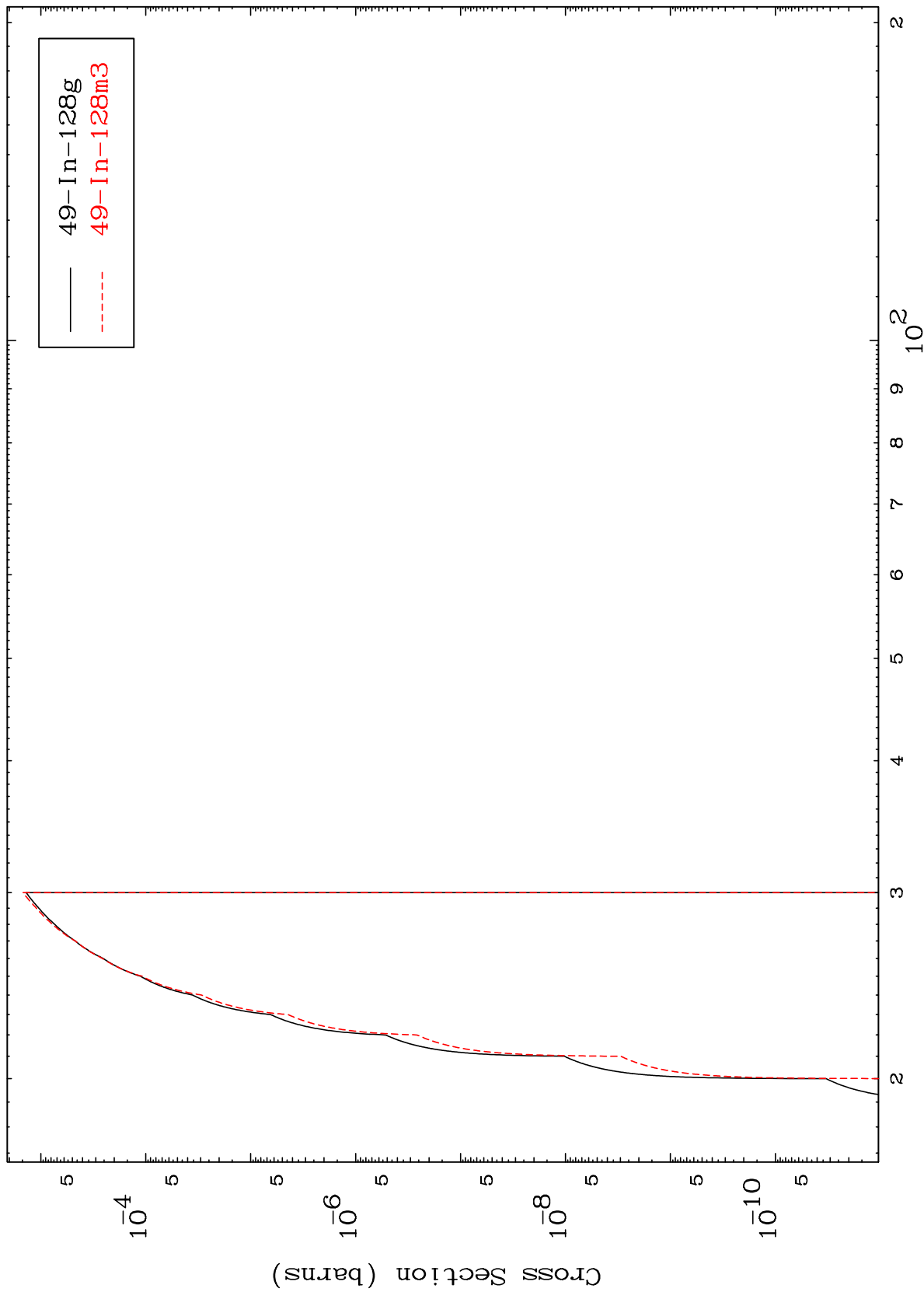


MAT 5080

(n,n') d

50-Sn-130m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

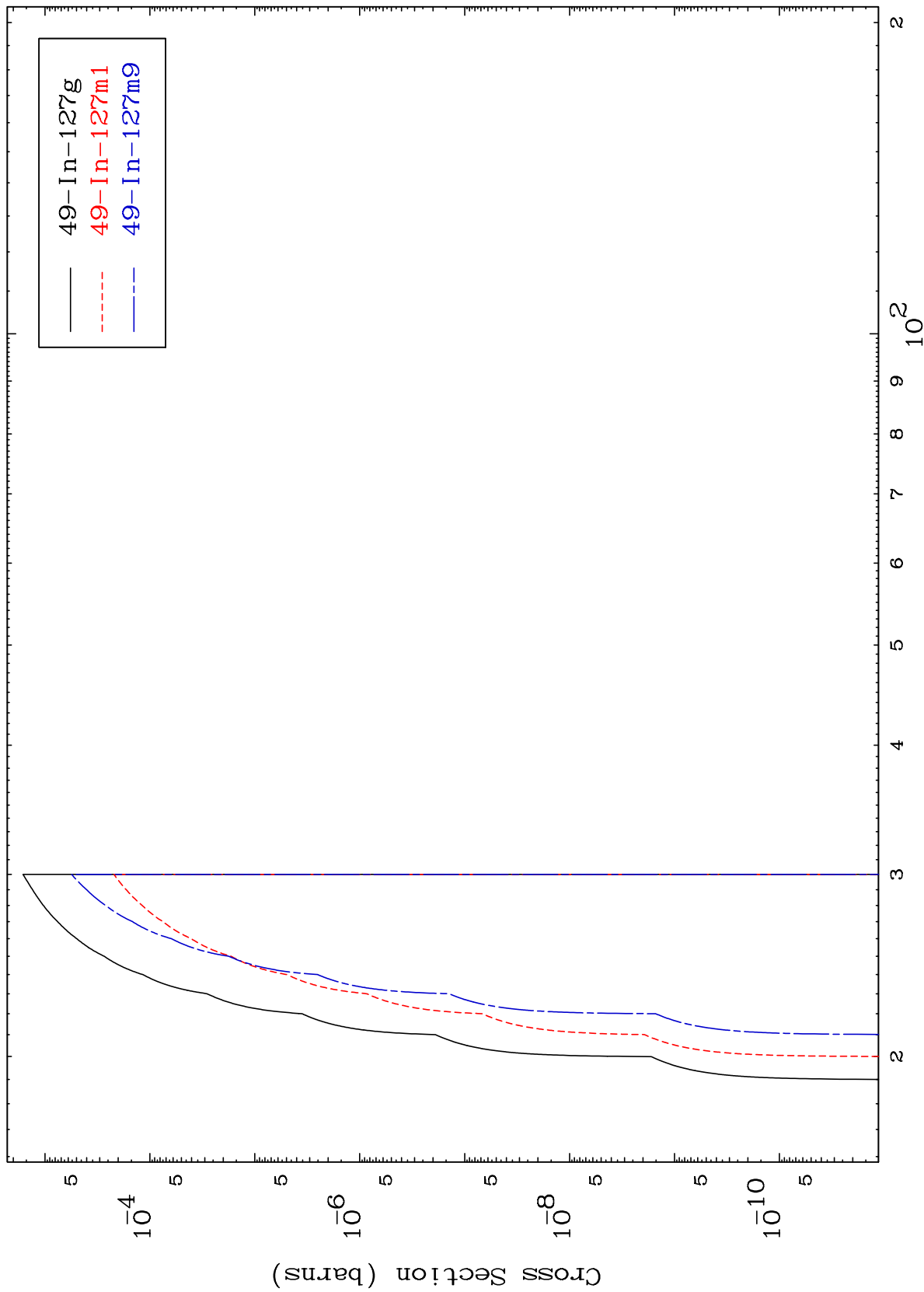
50-Sn-130m

MAT 5080

(n,n') t

50-Sn-130m

Radionuclide Production Cross Section



24

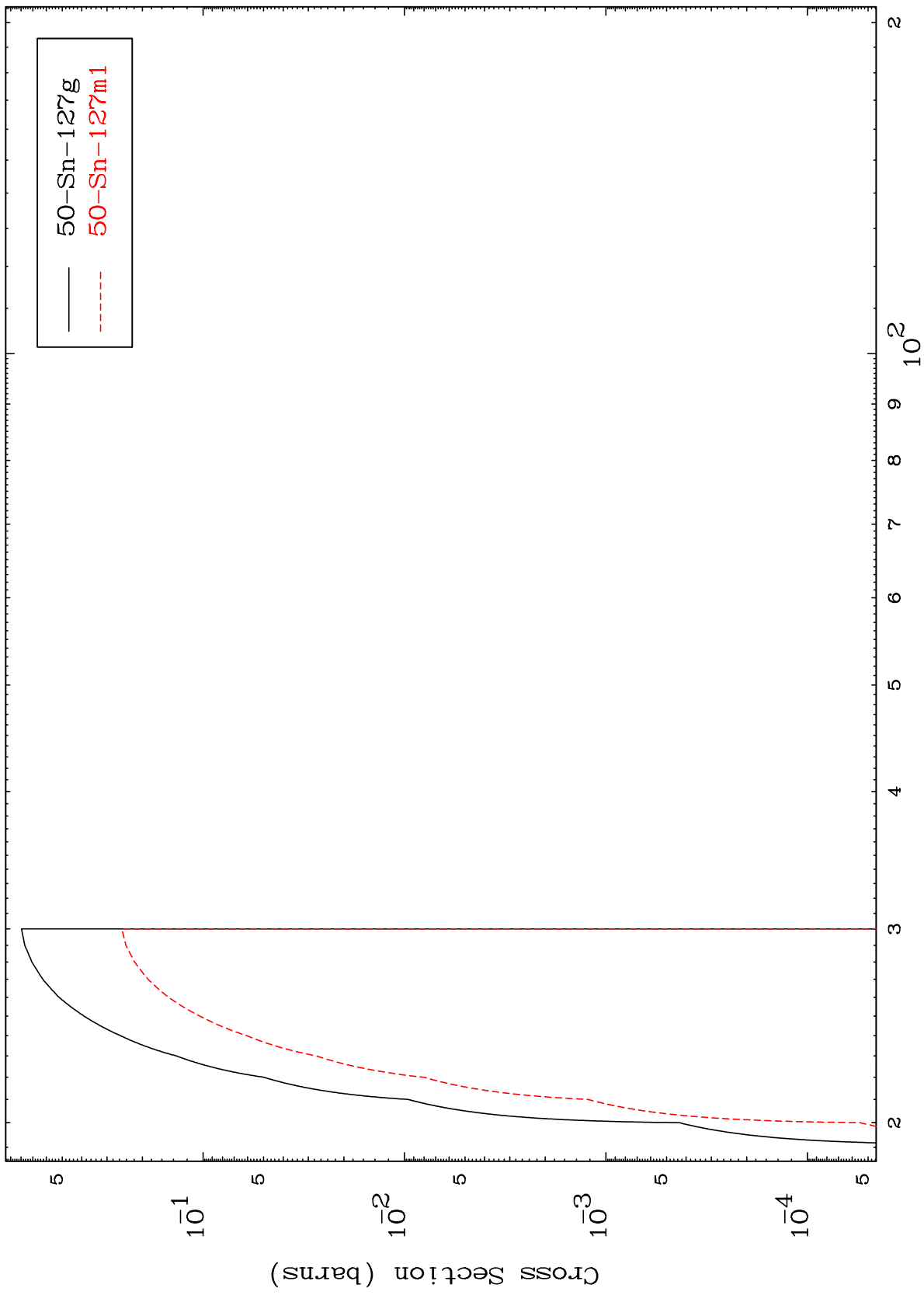
Incident Energy (MeV)

50-Sn-130m

MAT 5080

50-Sn-130m

(n,4n)
Radionuclide Production Cross Section



50-Sn-130m

Incident Energy (MeV)

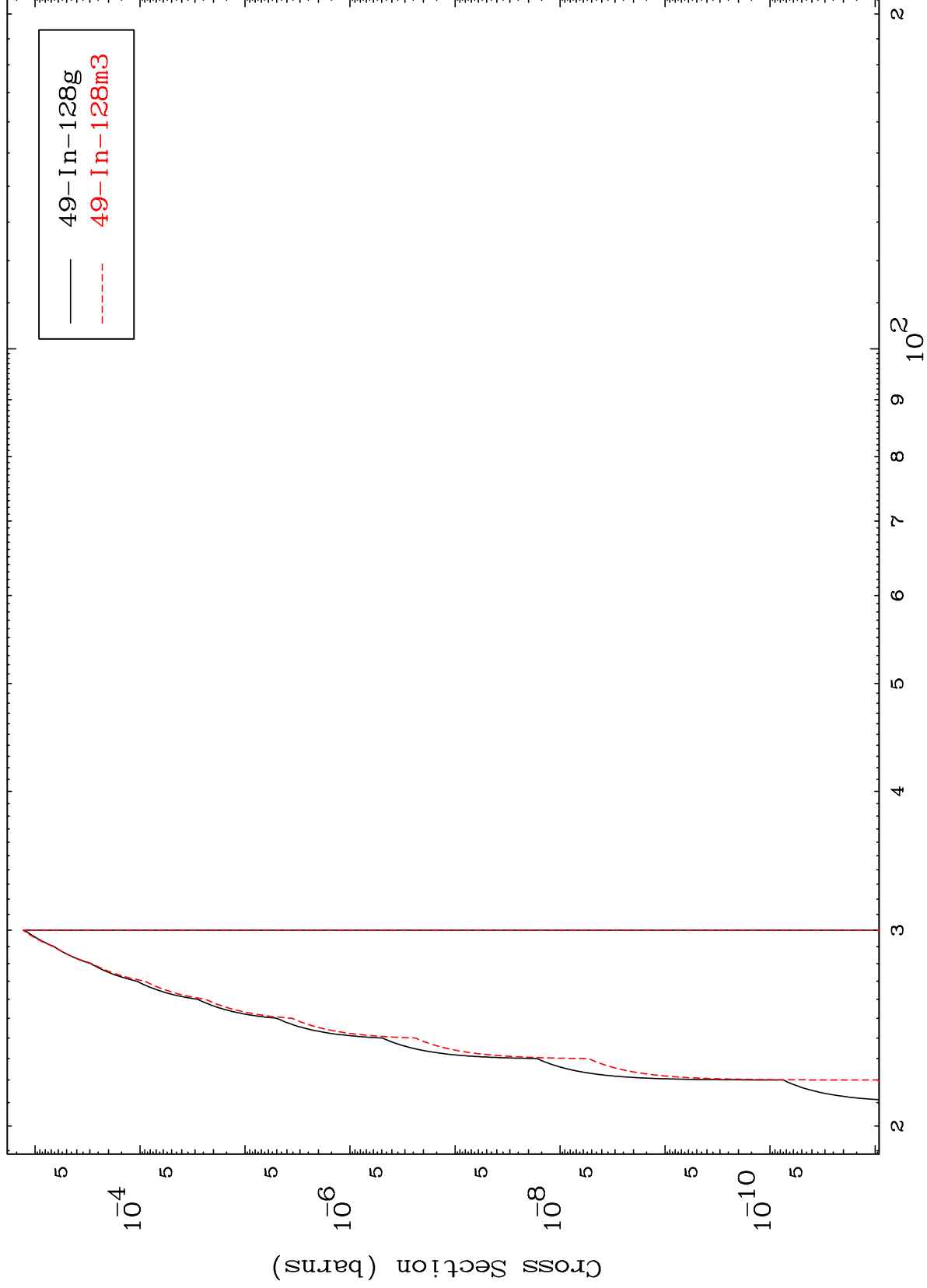
25

MAT 5080

(n,2n) p

50-Sn-130m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

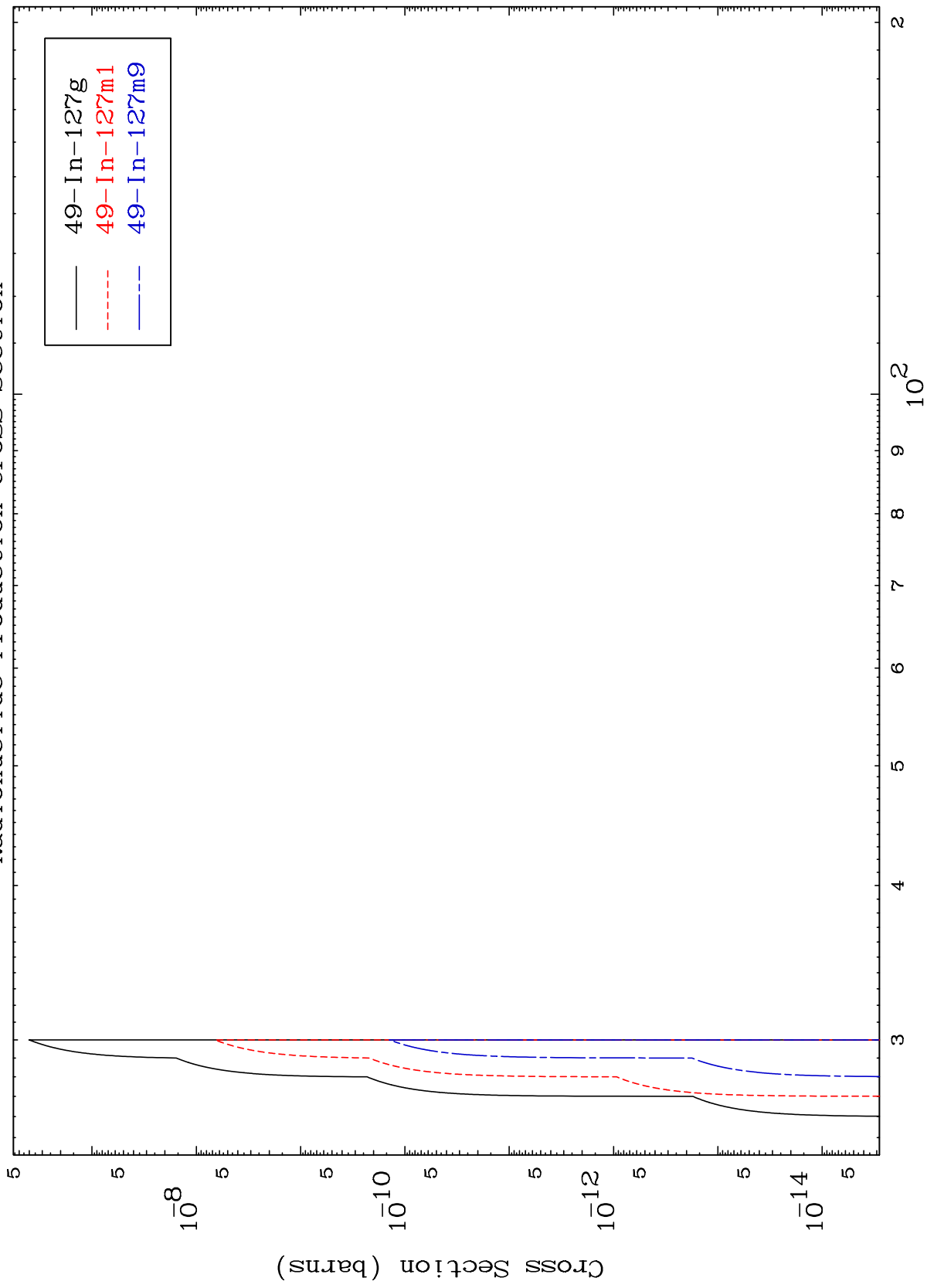
50-Sn-130m

MAT 5080

(n,3n) p

50-Sn-130m

Radionuclide Production Cross Section

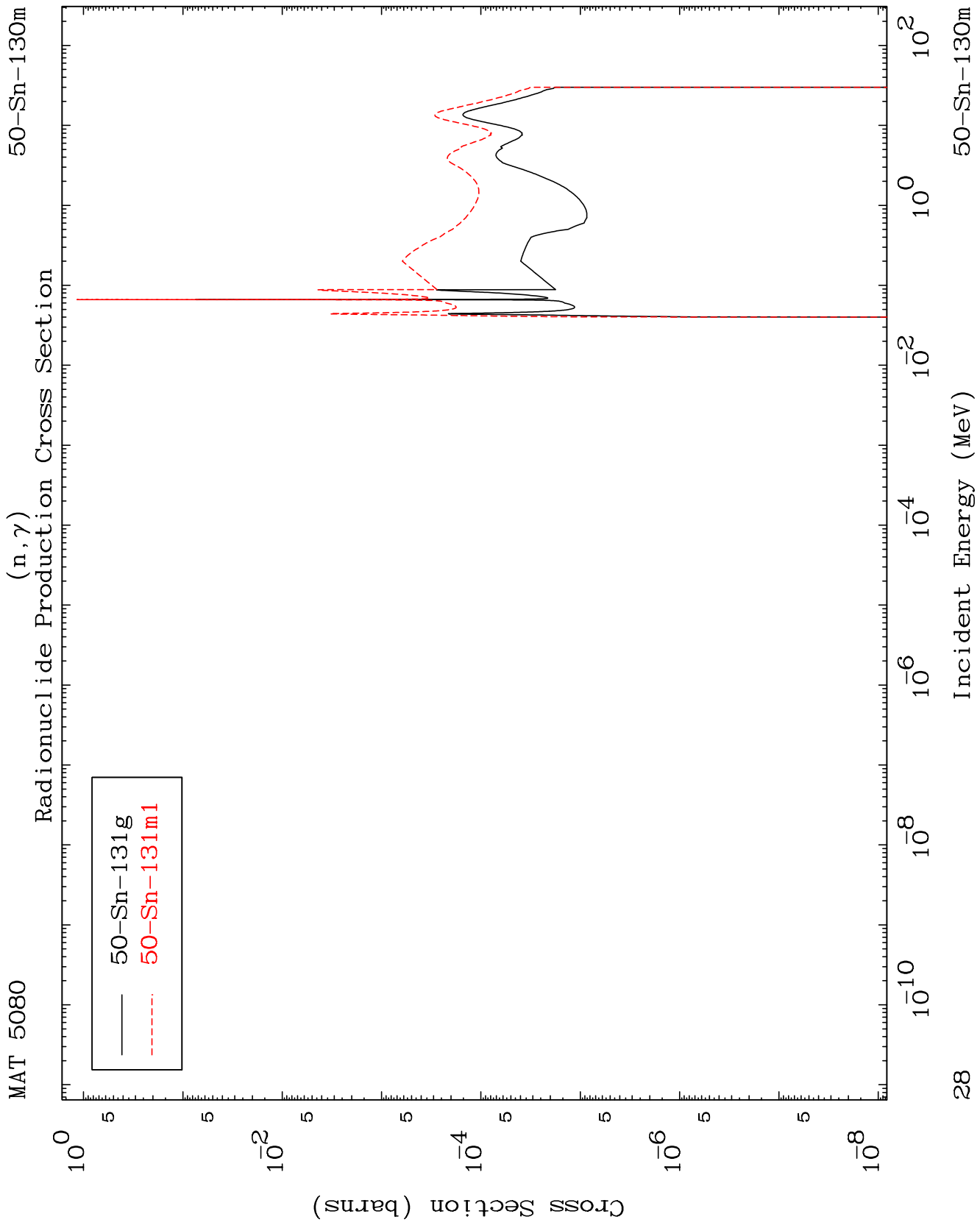


27

Incident Energy (MeV)

50-Sn-130m

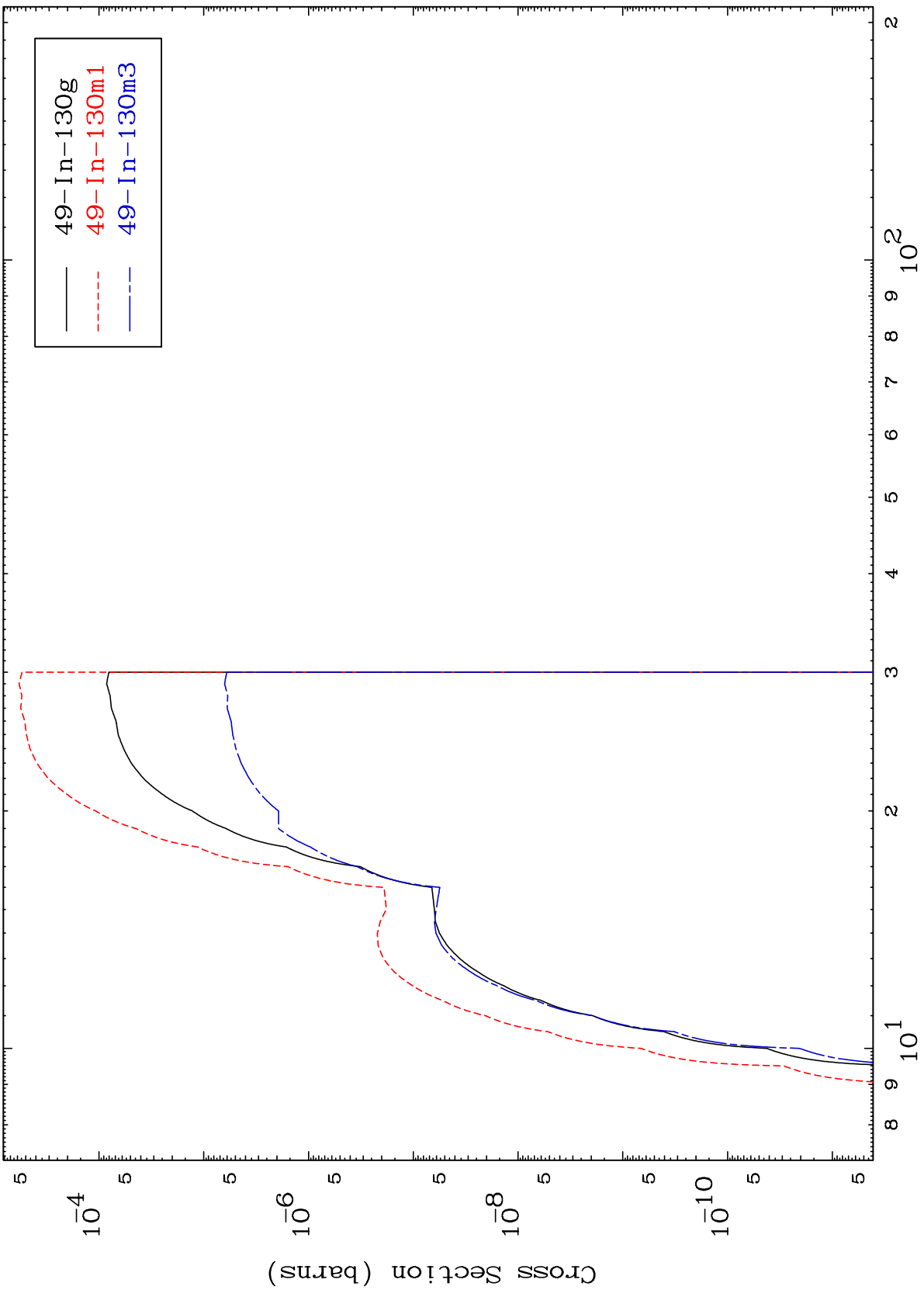
MAT 5080



MAT 5080

50-Sn-130m

(n,p)
Radionuclide Production Cross Section



29

Incident Energy (MeV)

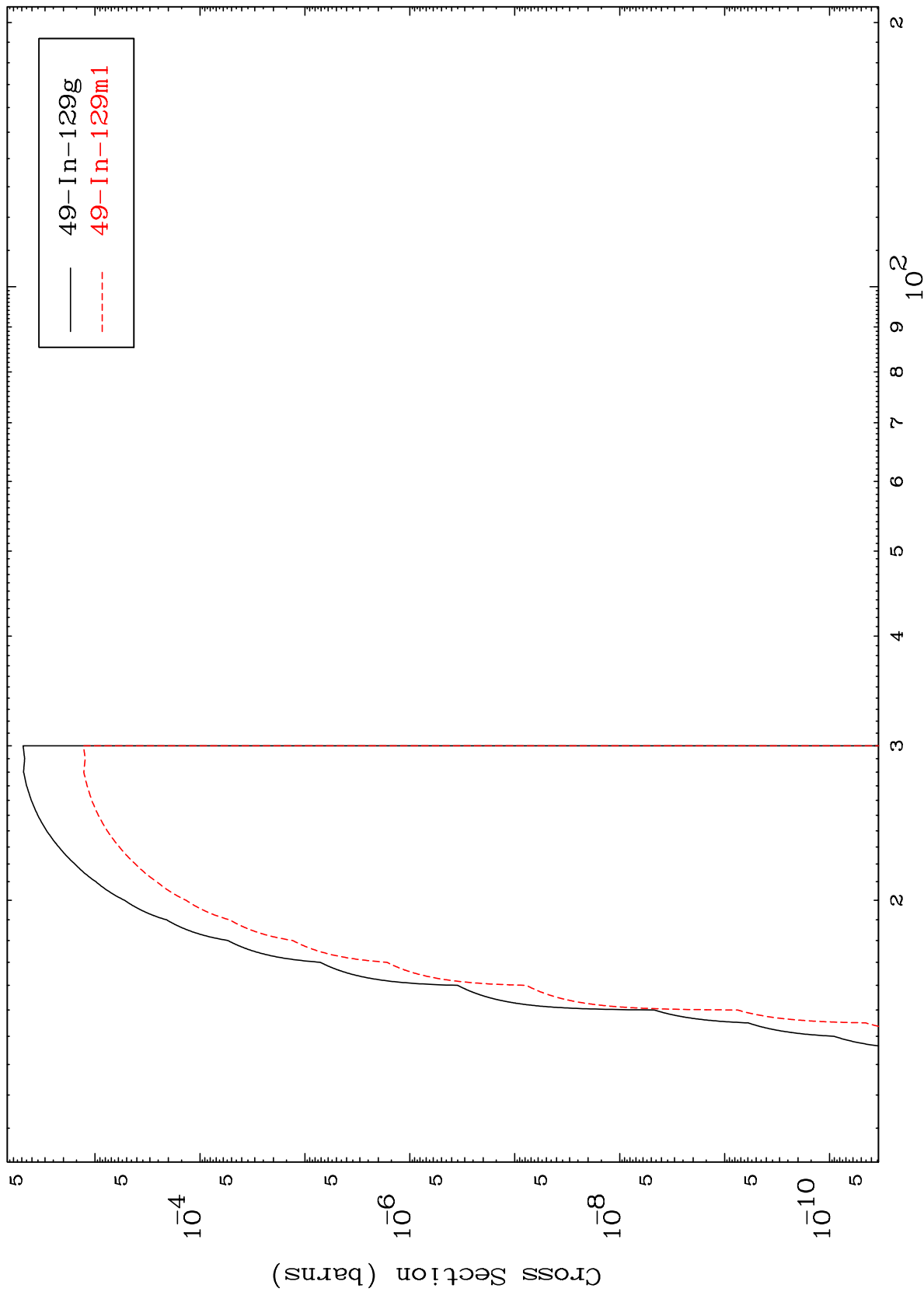
50-Sn-130m

MAT 5080

(n,d)

50-Sn-130m

Radionuclide Production Cross Section



30

Incident Energy (MeV)

50-Sn-130m

MAT 5080

50-Sn-130m

(n,t)
Radionuclide Production Cross Section

