

Program EVALPLOT
(Version 2018-1)

by

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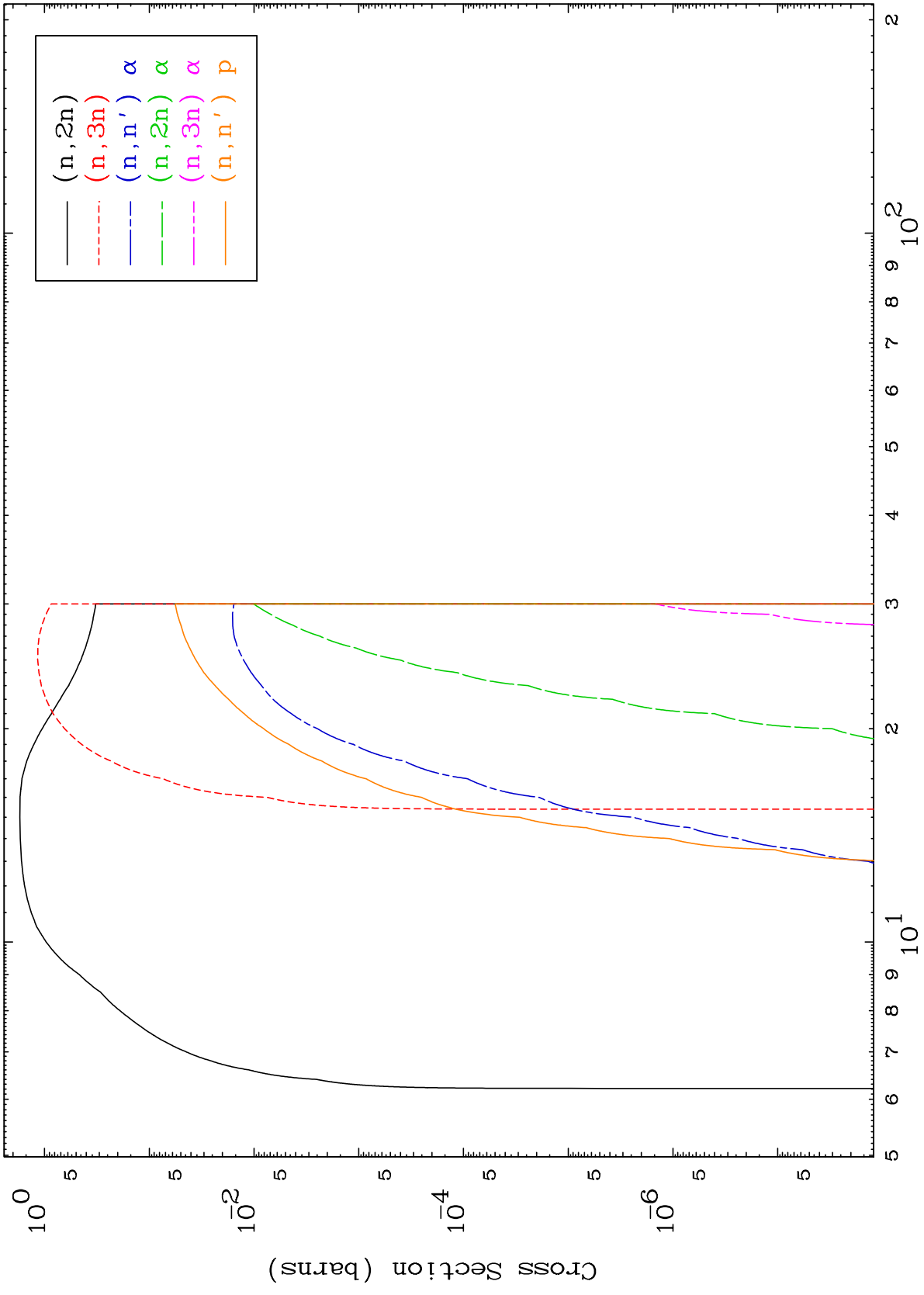
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5053

Neutron Production
293 Kelvin Cross Sections

50-Sn-121



2

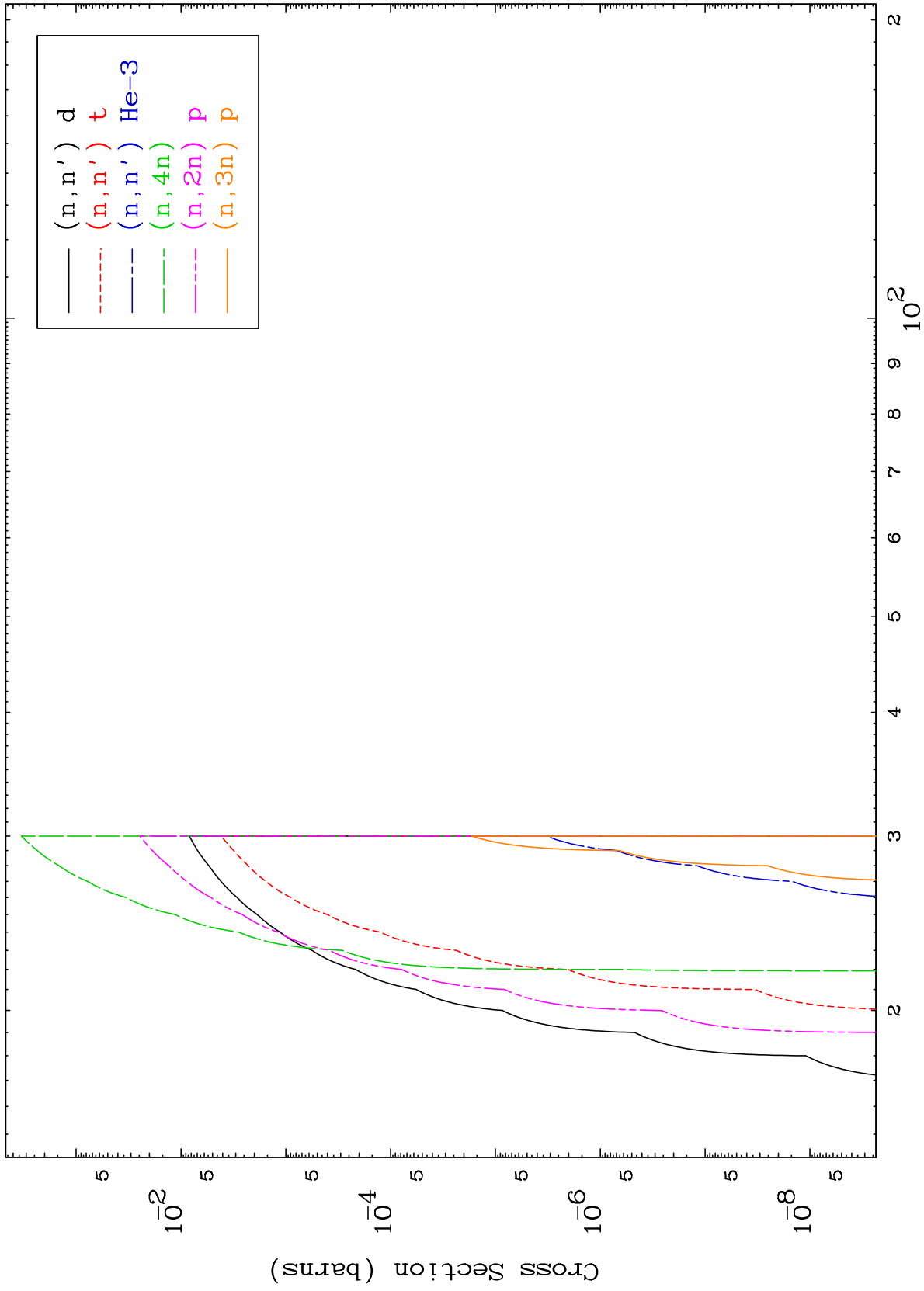
Incident Energy (MeV)

50-Sn-121

MAT 5053

Neutron Production
293 Kelvin Cross Sections

50-Sn-121



3

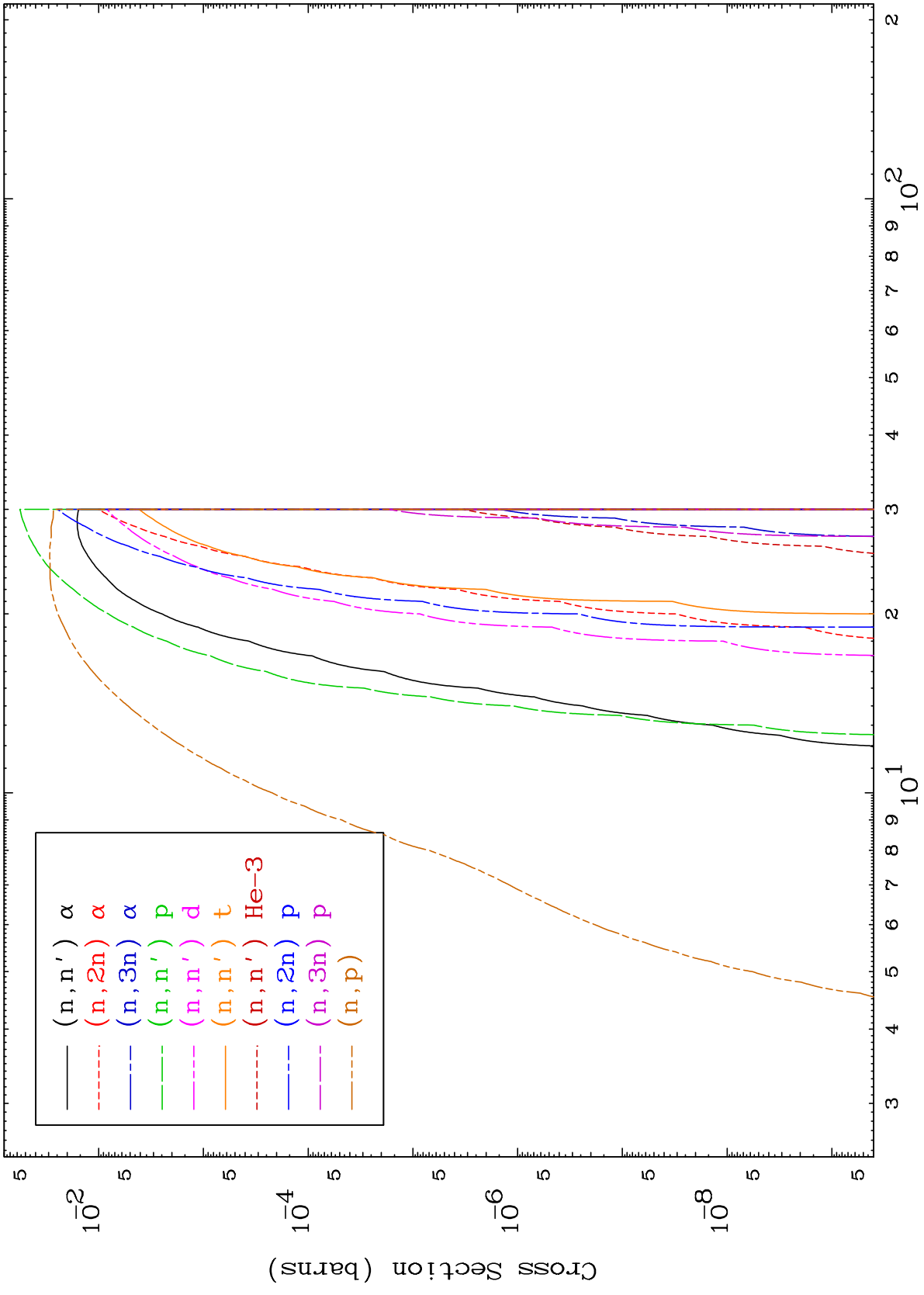
Incident Energy (MeV)

50-Sn-121

MAT 5053

Charged Particle
293 Kelvin Cross Sections

50-Sn-121



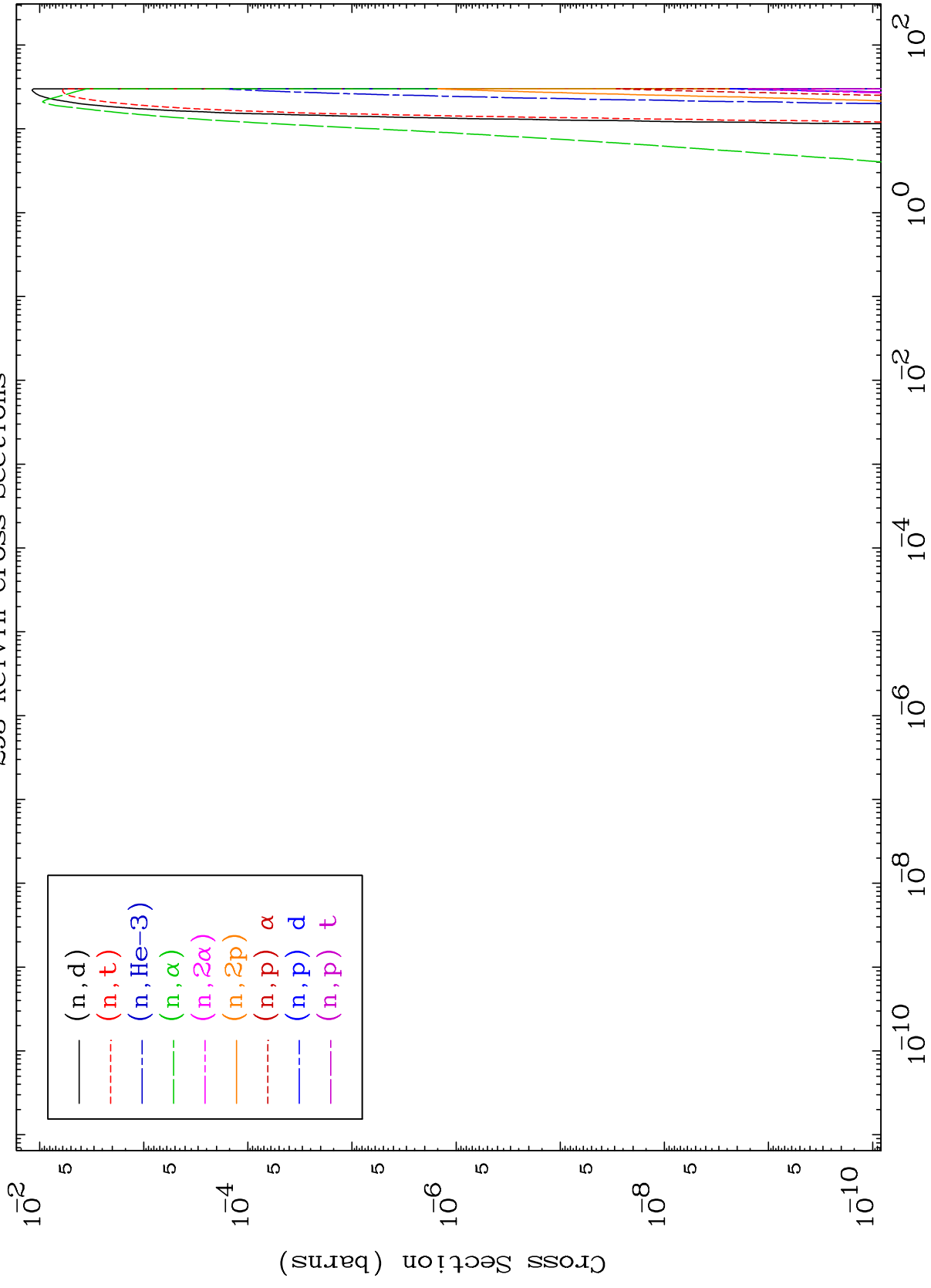
50-Sn-121

Incident Energy (MeV)

MAT 5053

293 Kelvin Cross Sections

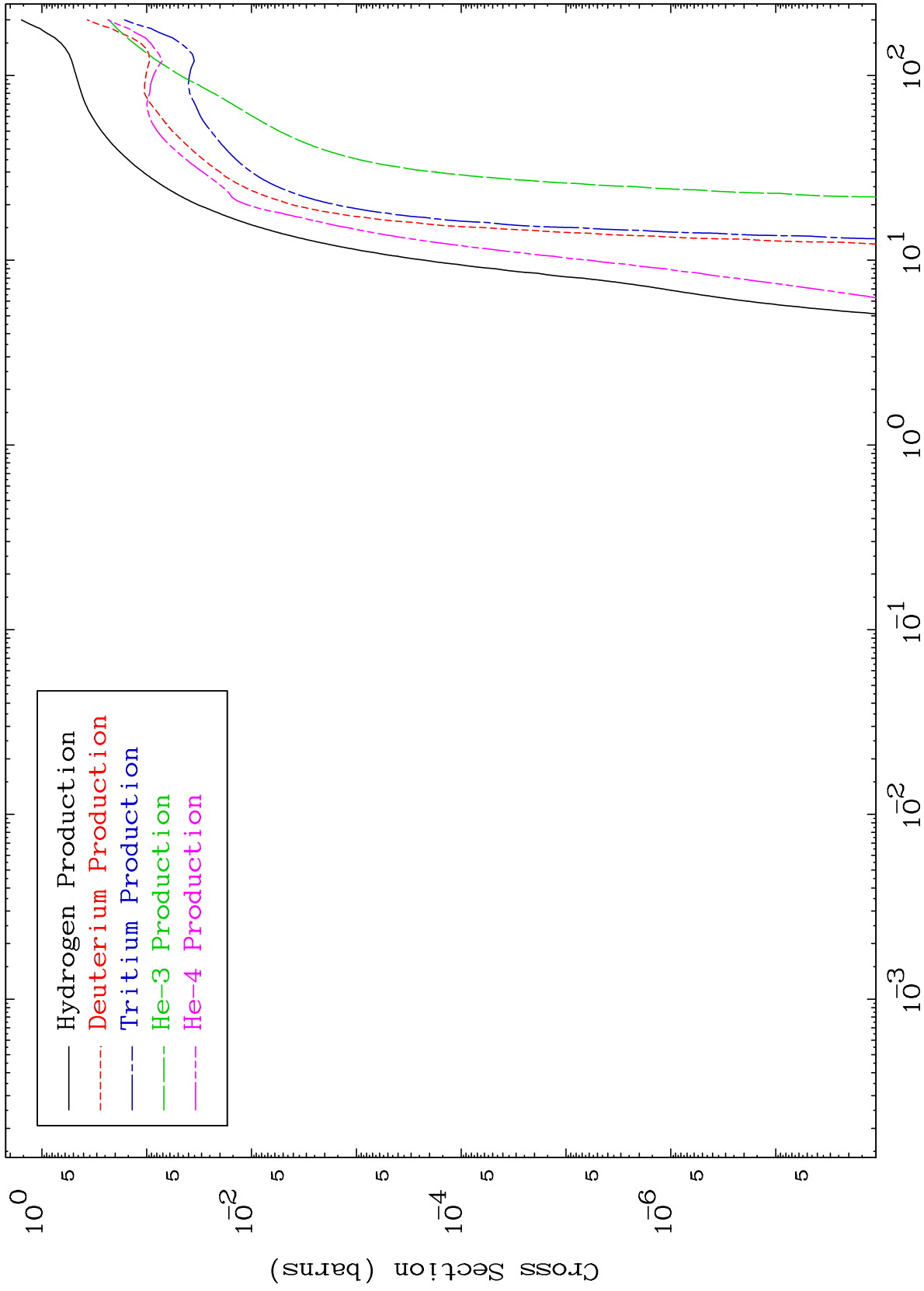
50-Sn-121



MAT 5053

Particle Production
293 Kelvin Cross Sections

50-Sn-121



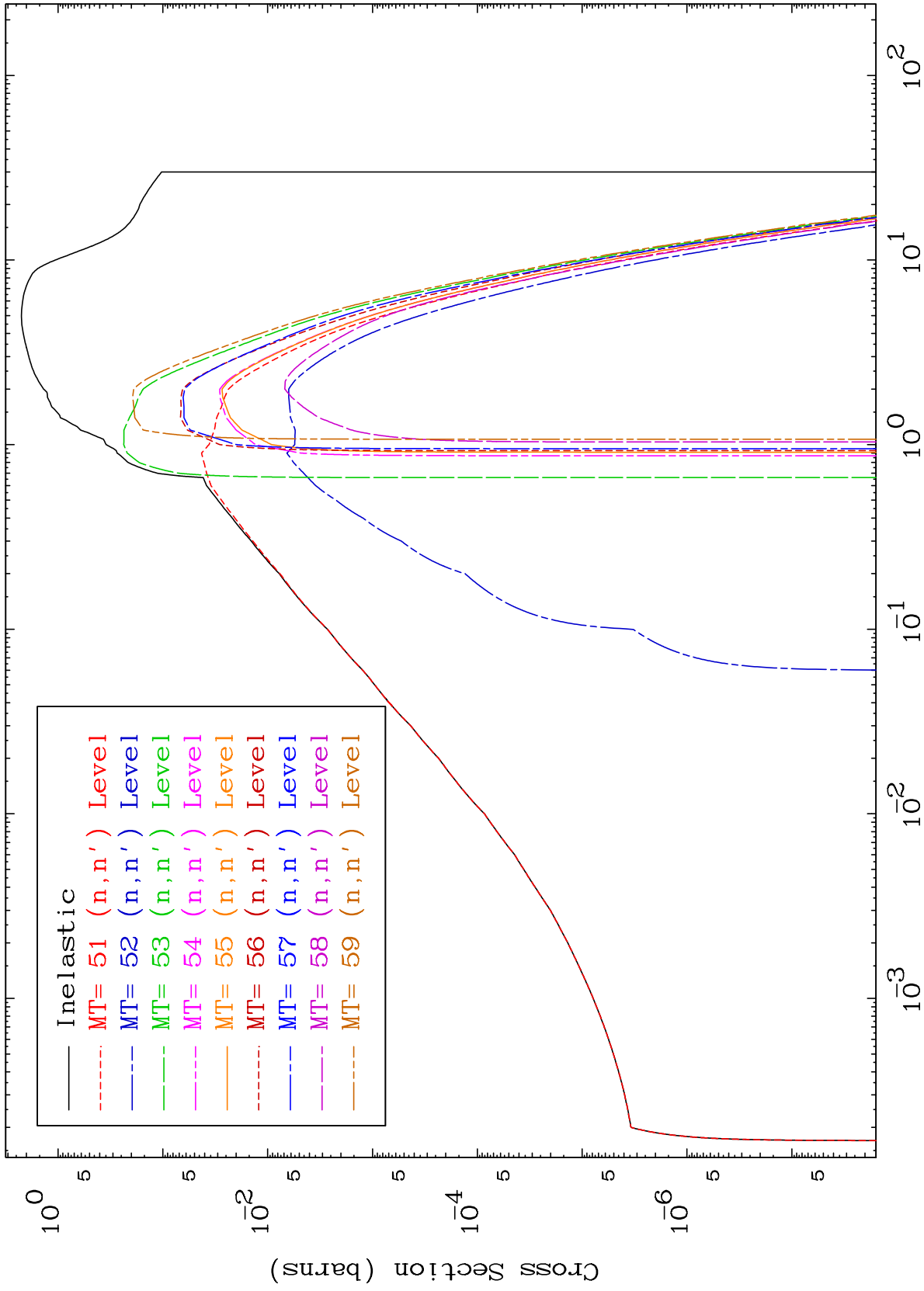
6

50-Sn-121

MAT 5053

293 Kelvin Cross Sections

50-Sn-121

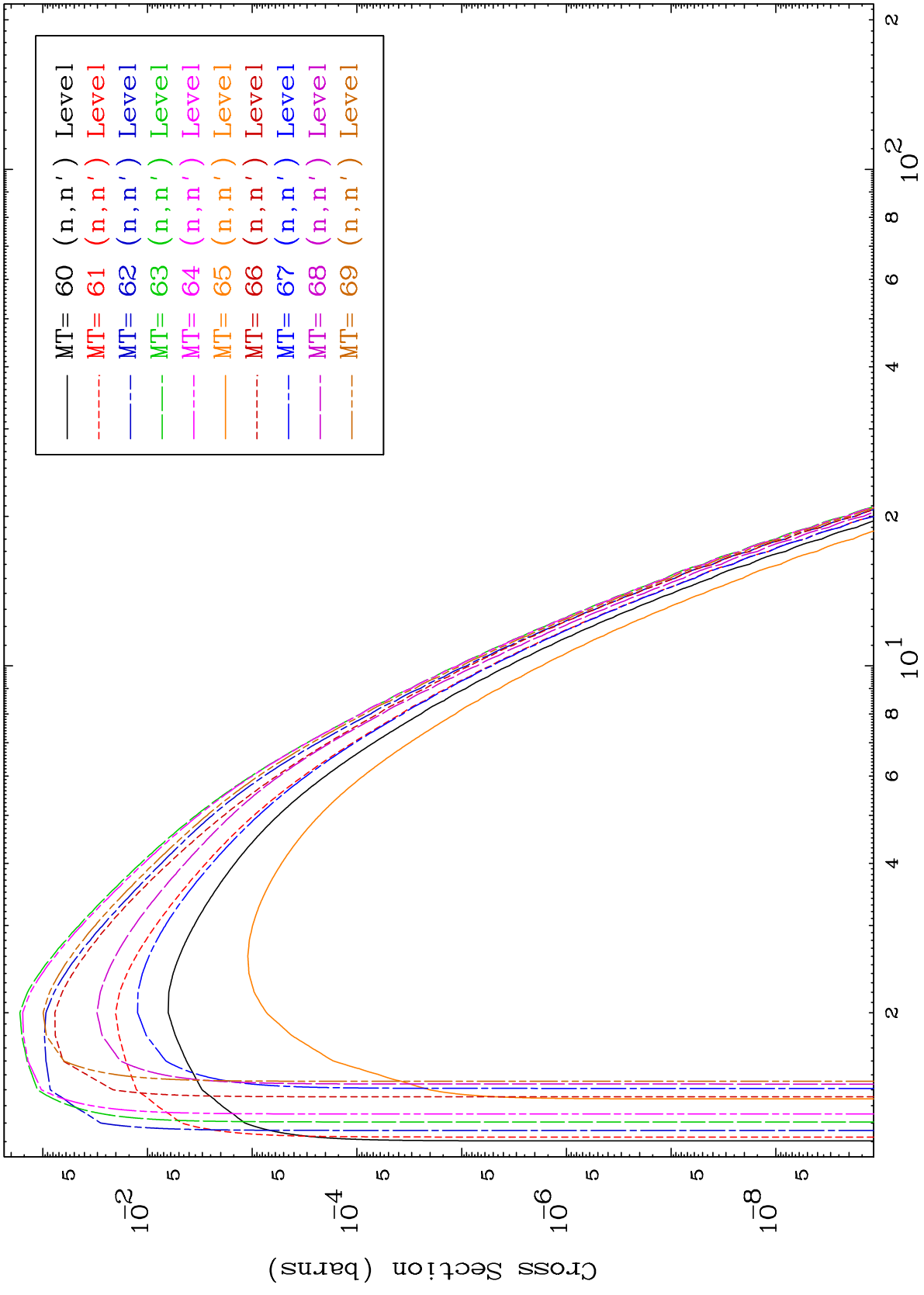


MAT 5053

(n,n') Level

50-Sn-121

293 Kelvin Cross Sections



8

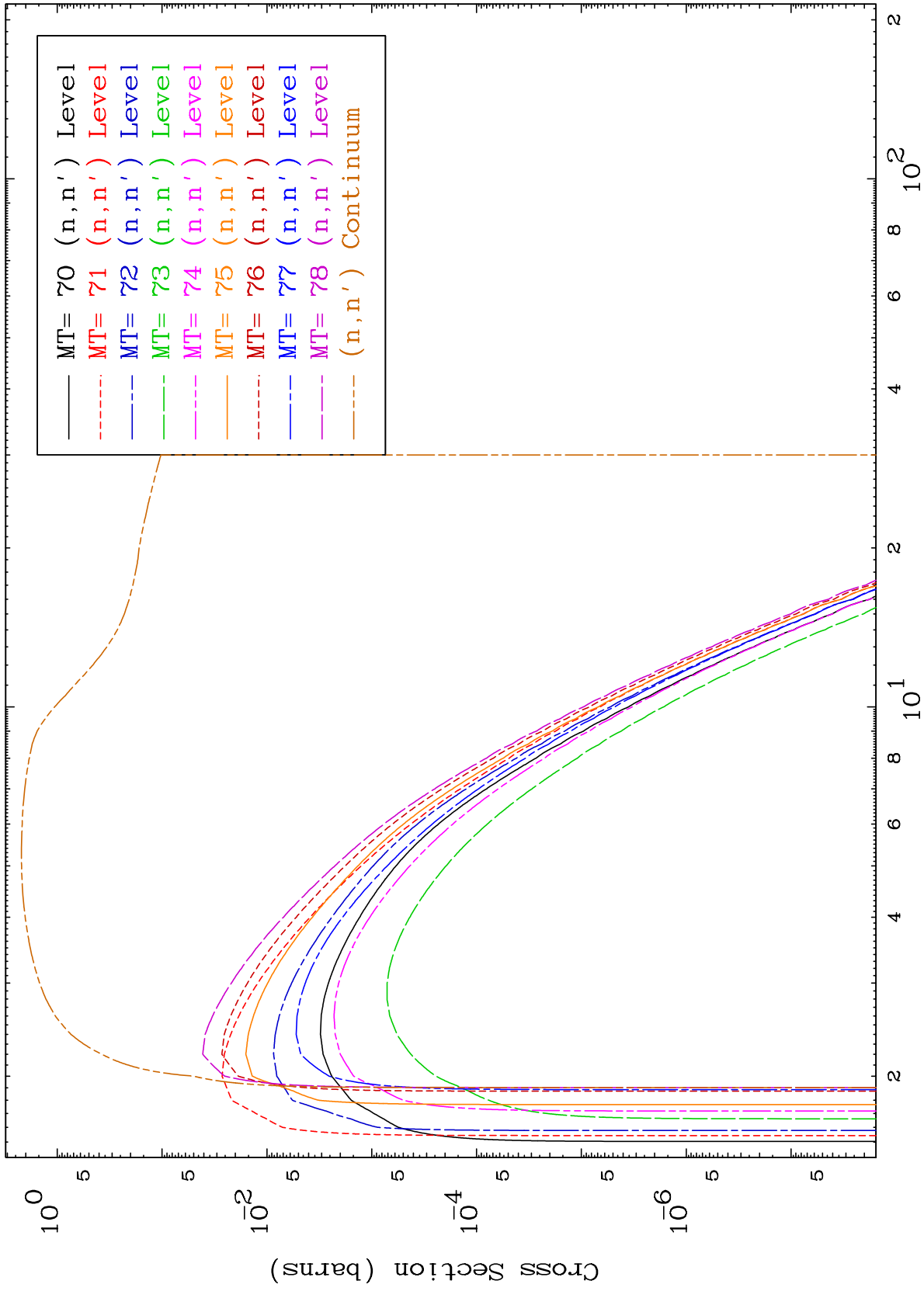
Incident Energy (MeV)

50-Sn-121

MAT 5053

(n,n') Level
293 Kelvin Cross Sections

50-Sn-121



9

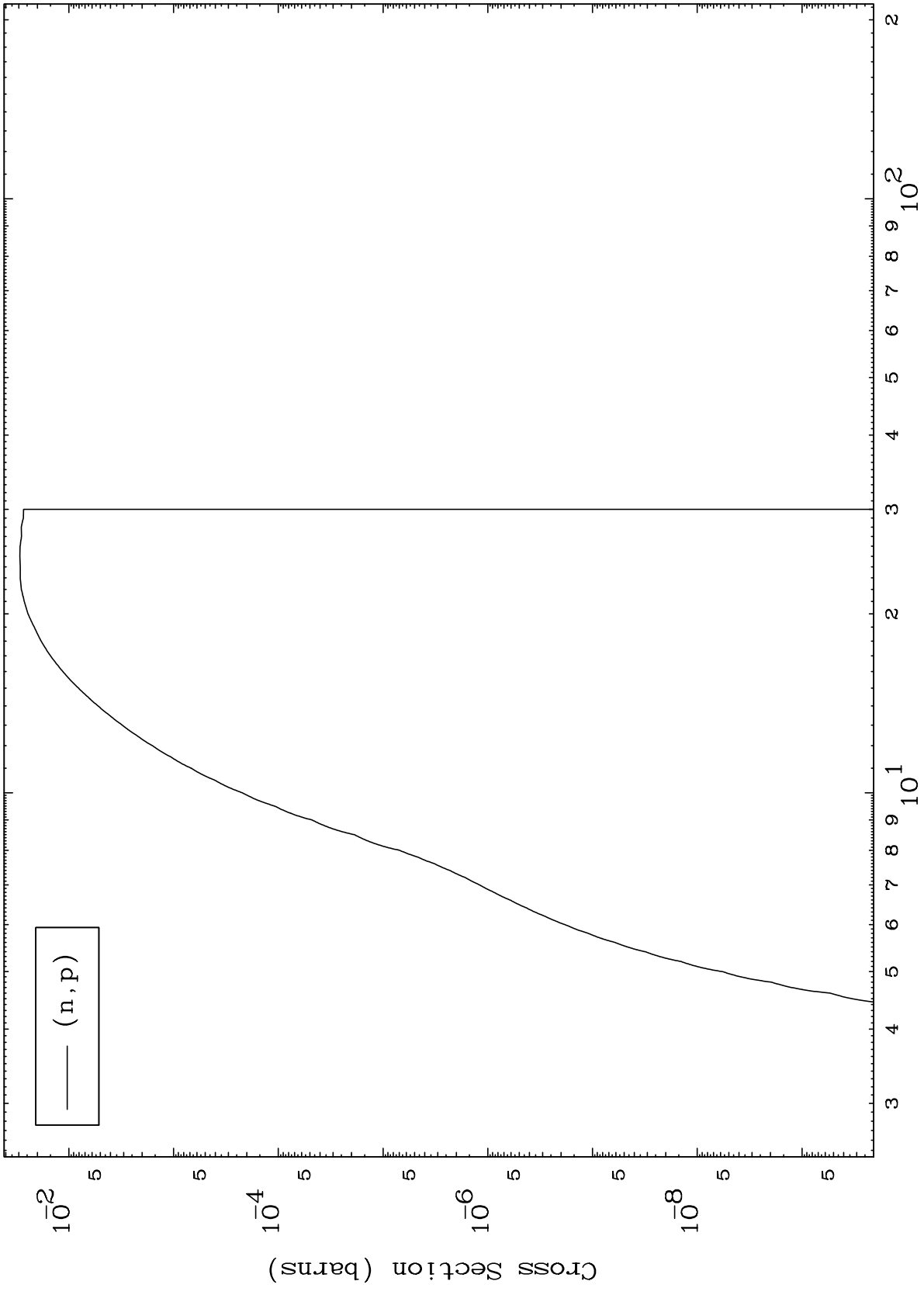
Incident Energy (MeV)

50-Sn-121

MAT 5053

(n,p) Levels
293 Kelvin Cross Sections

50-Sn-121



10

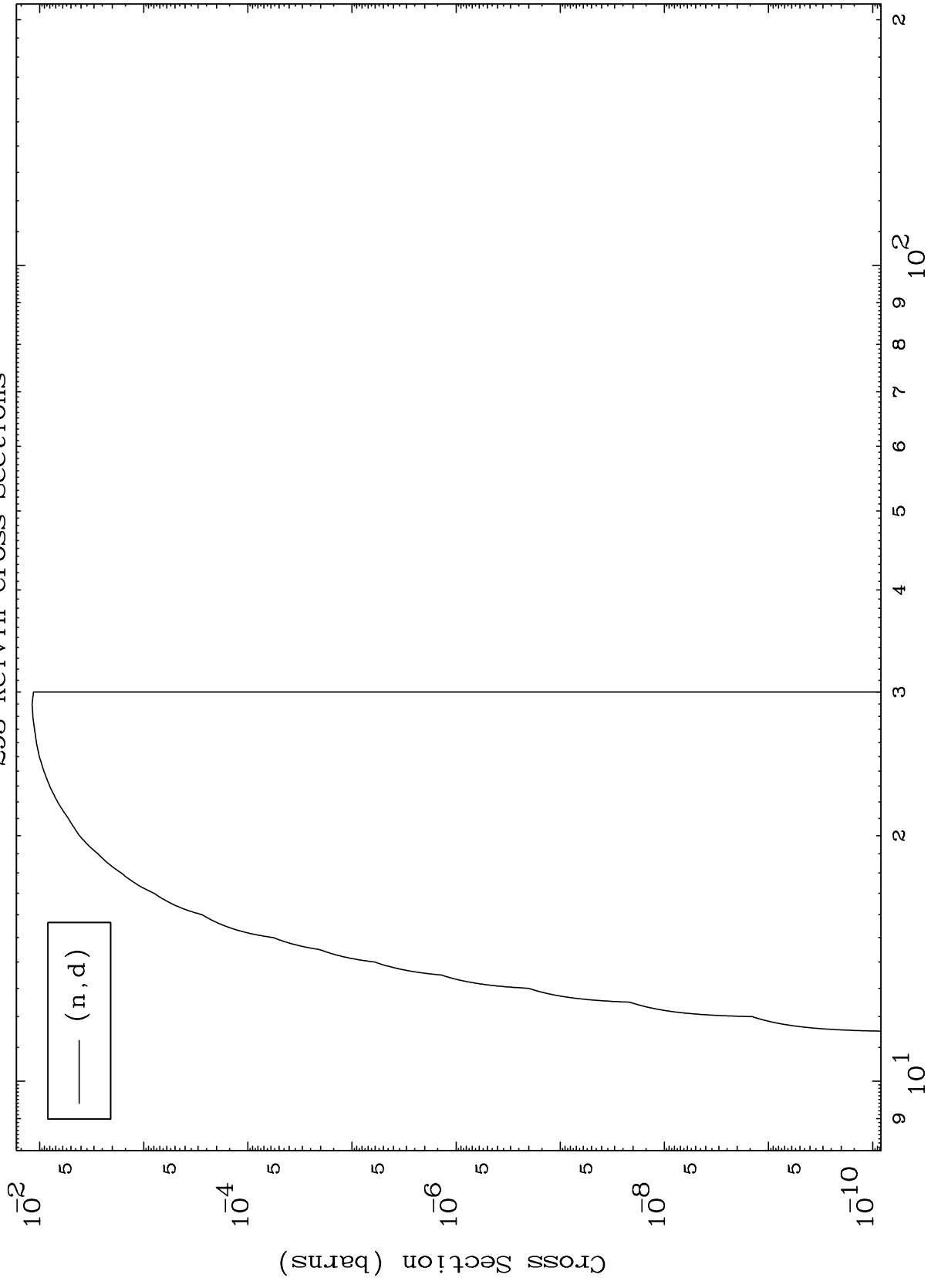
Incident Energy (MeV)

50-Sn-121

MAT 5053

(n,d) Levels
293 Kelvin Cross Sections

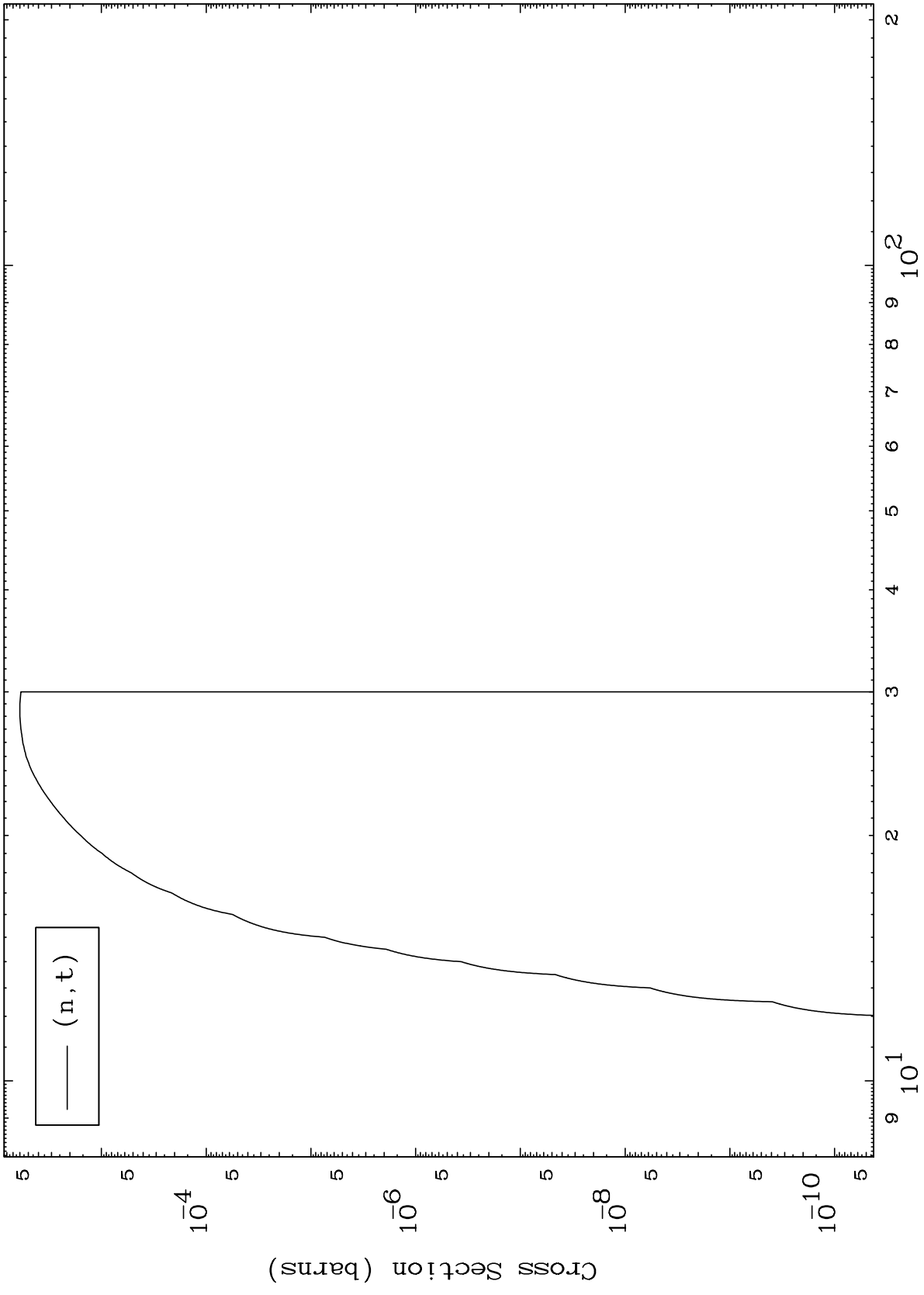
50-Sn-121



MAT 5053

(n,t) Levels
293 Kelvin Cross Sections

50-Sn-121



12

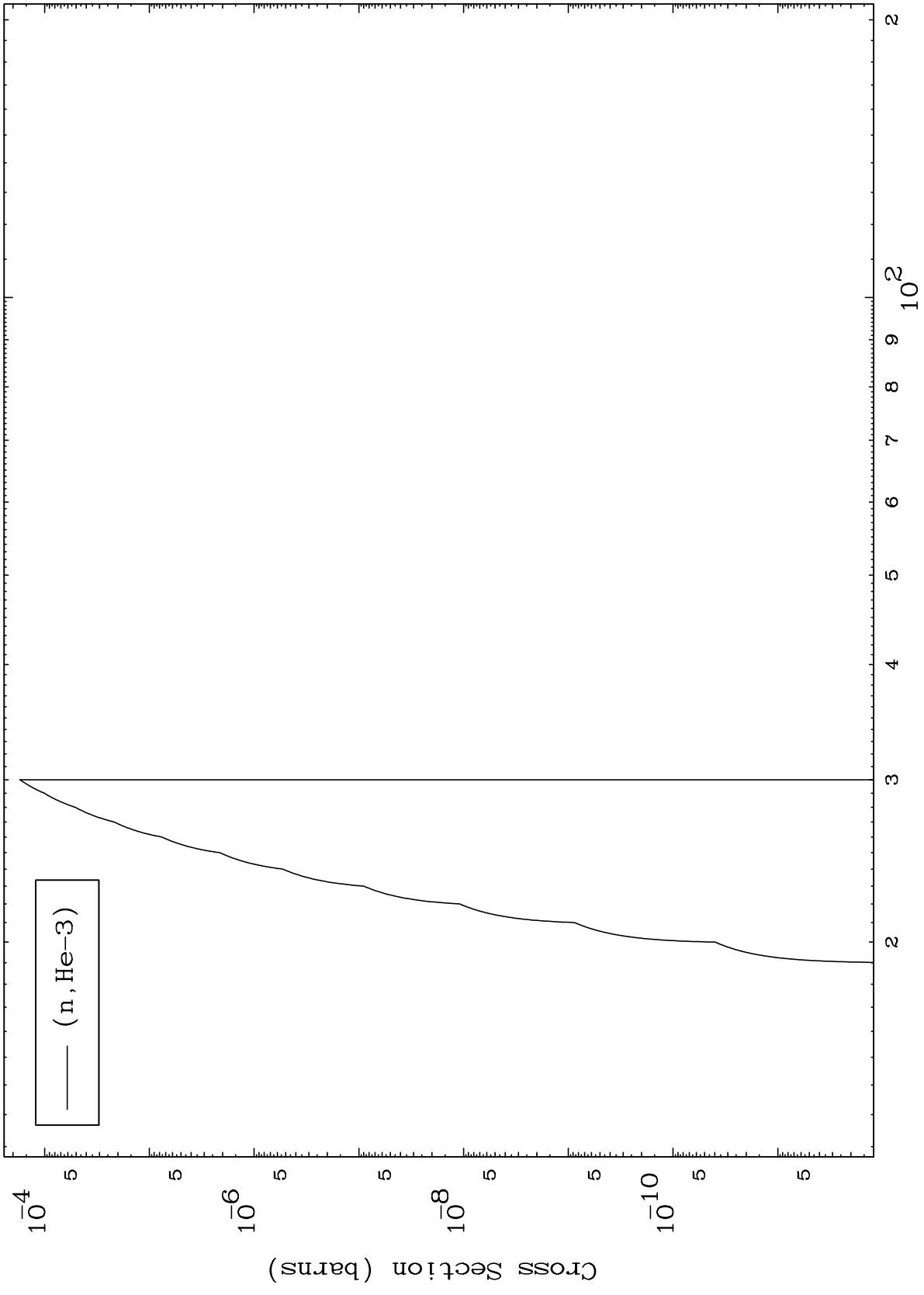
Incident Energy (MeV)

50-Sn-121

MAT 5053

(n,He3) Levels
293 Kelvin Cross Sections

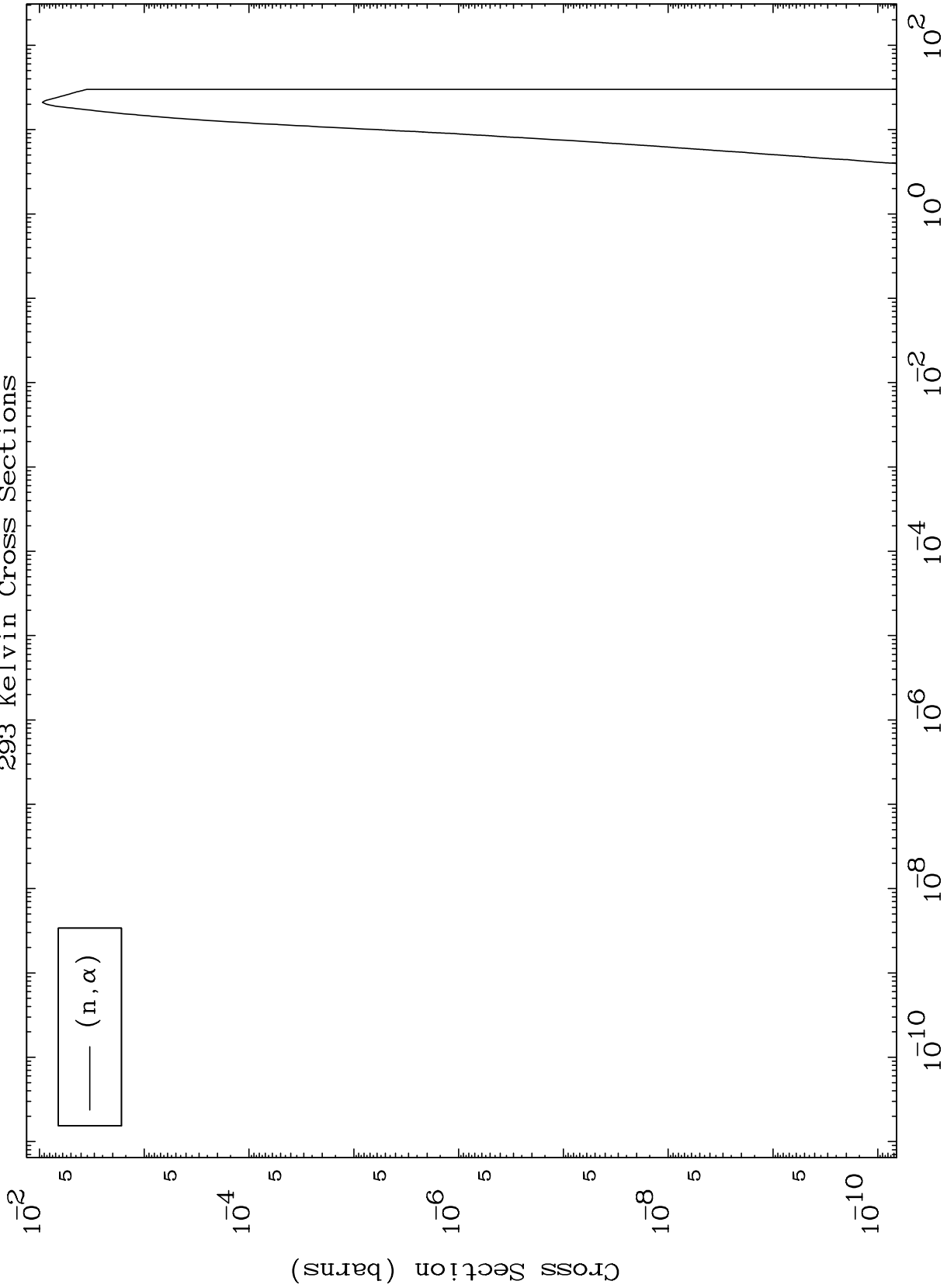
50-Sn-121

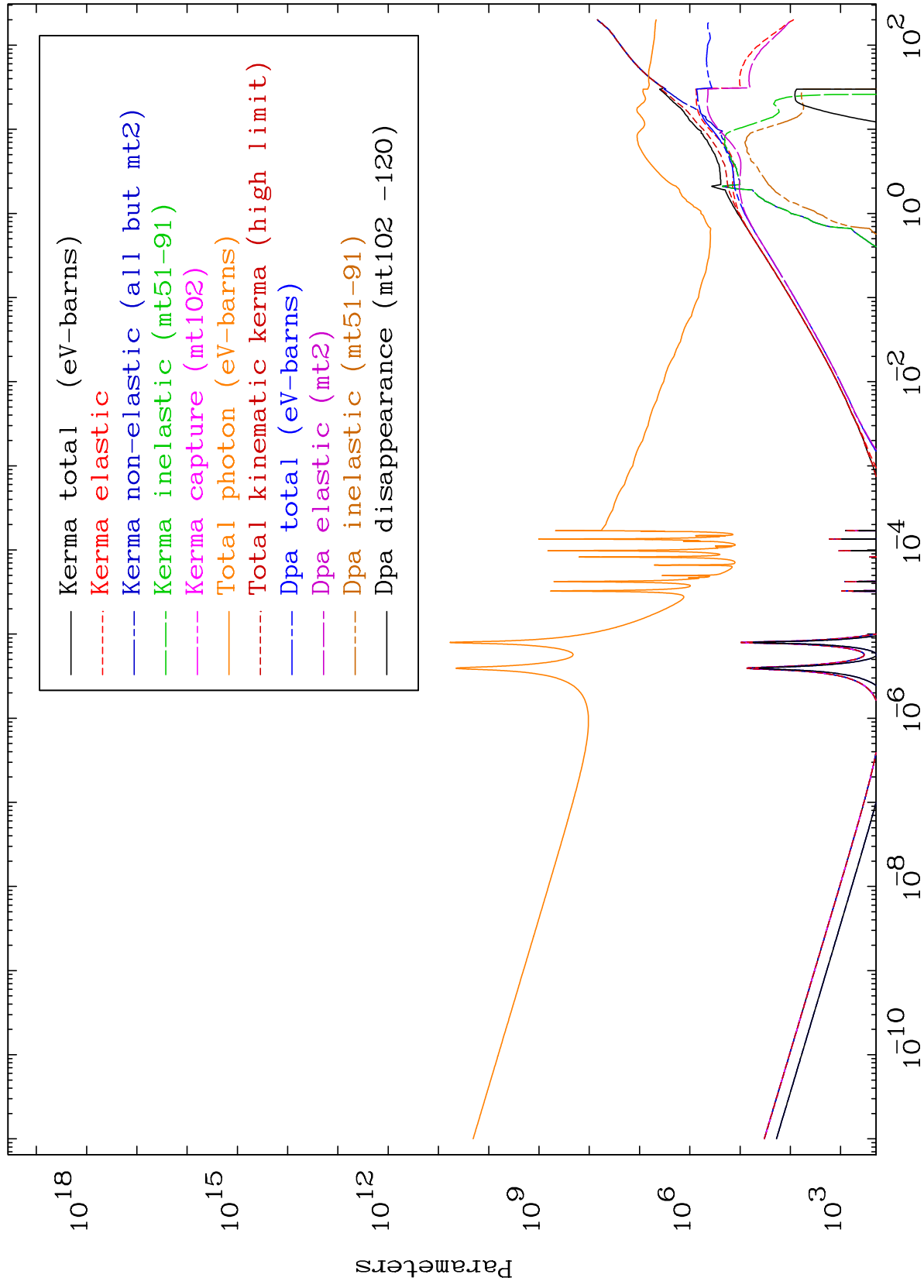


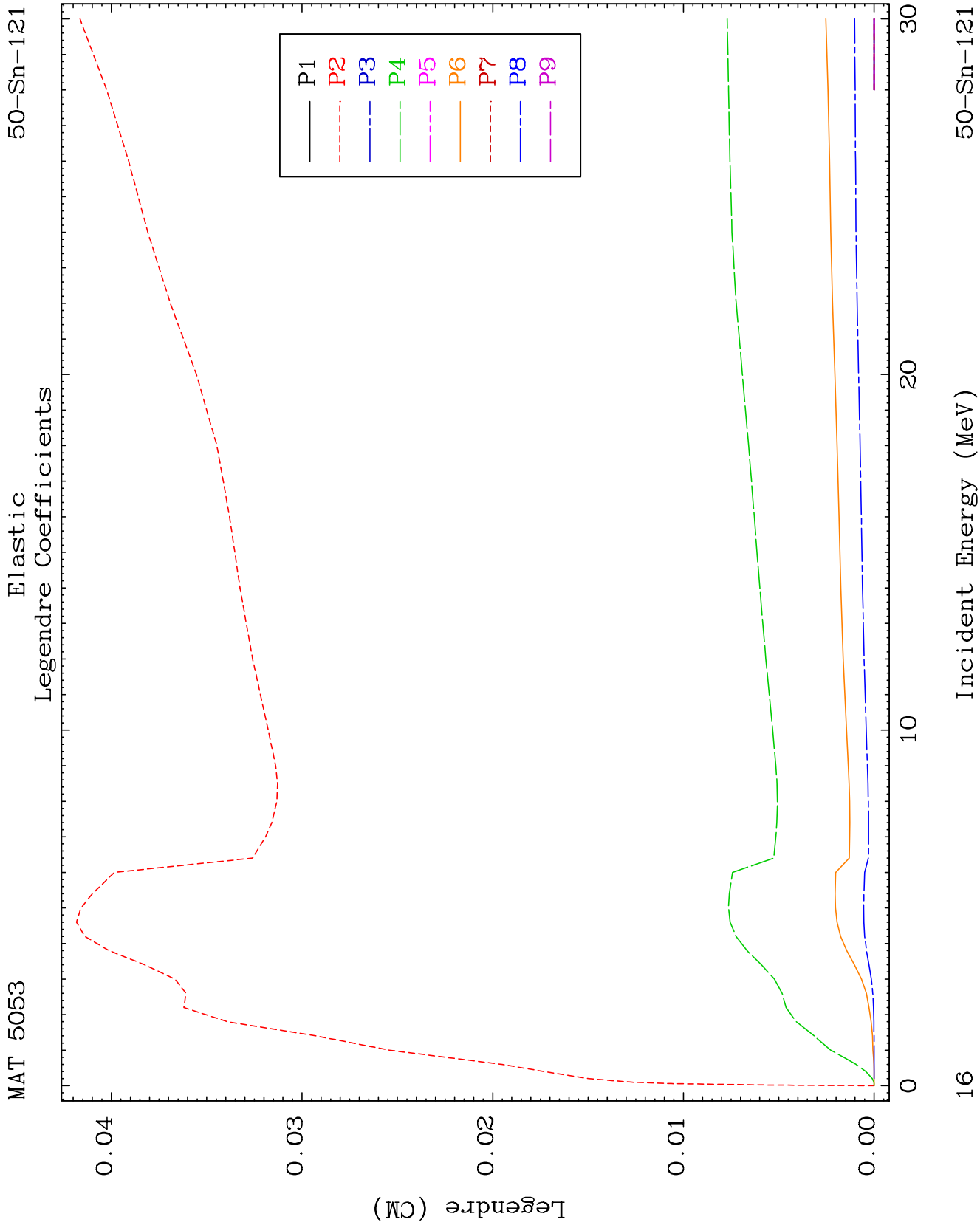
MAT 5053

(n,α) Levels
293 Kelvin Cross Sections

50-Sn-121



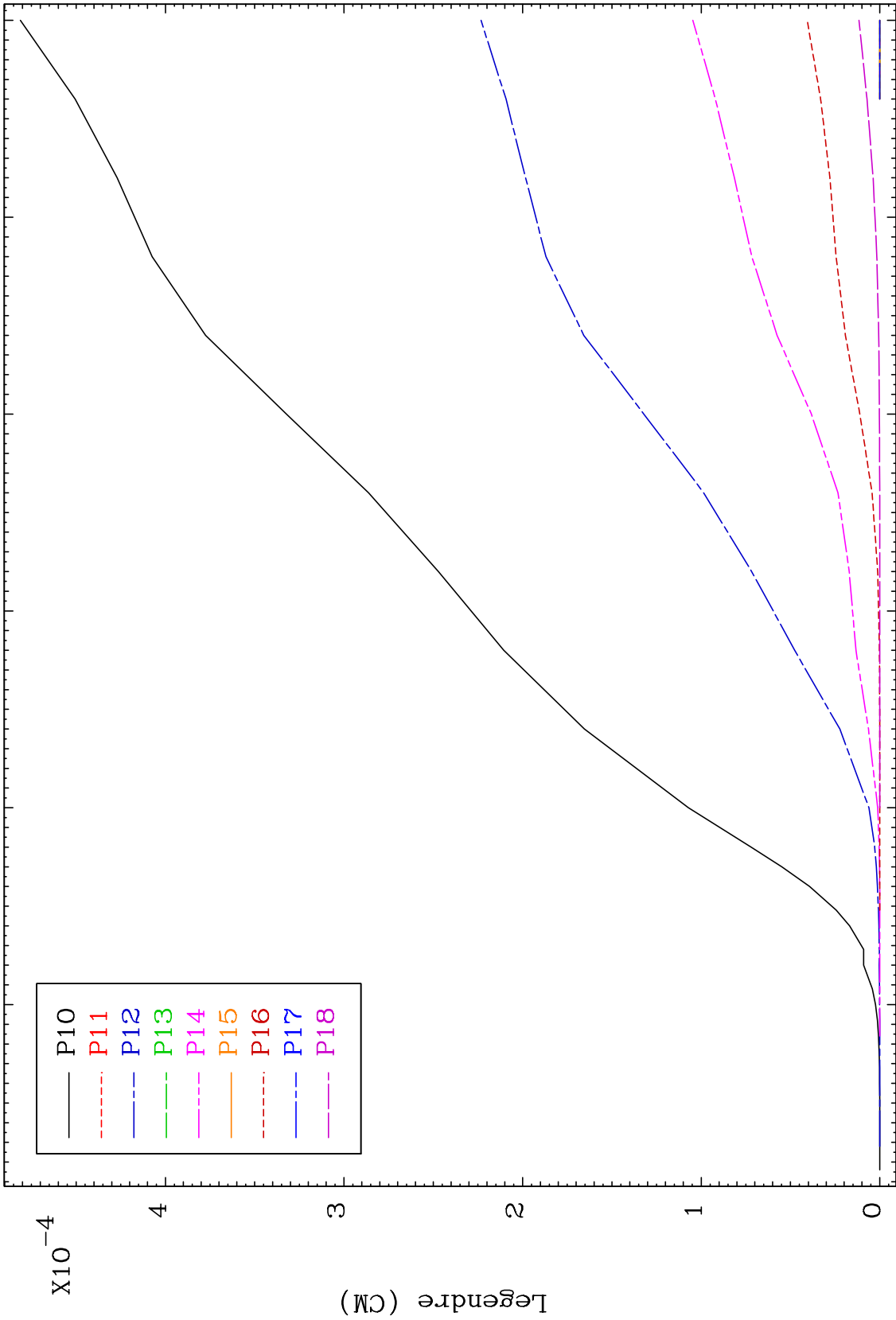




MAT 5053

Elastic Legendre Coefficients

50-Sn-121



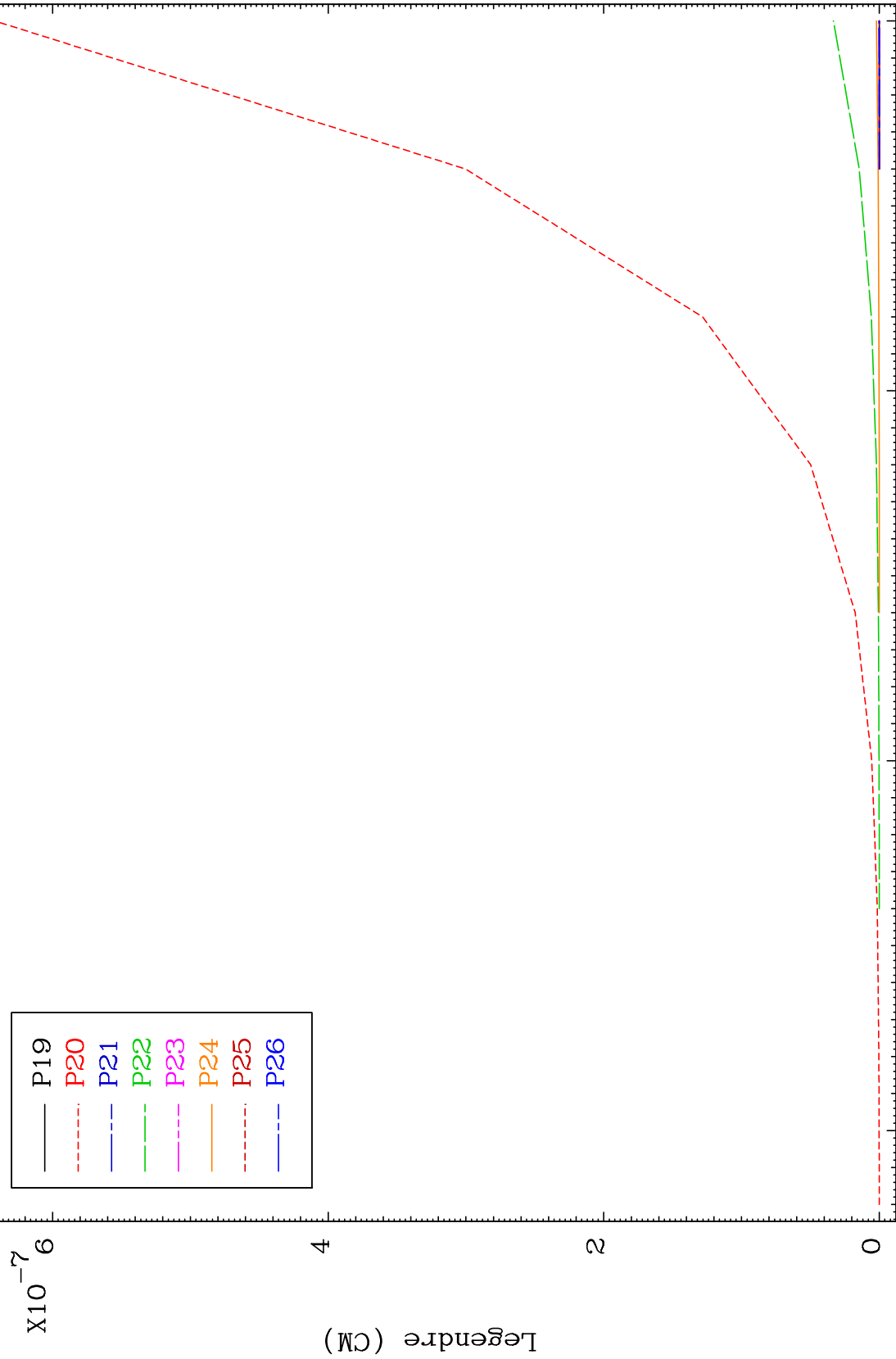
17

50-Sn-121

MAT 5053

Elastic Legendre Coefficients

50-Sn-121



18

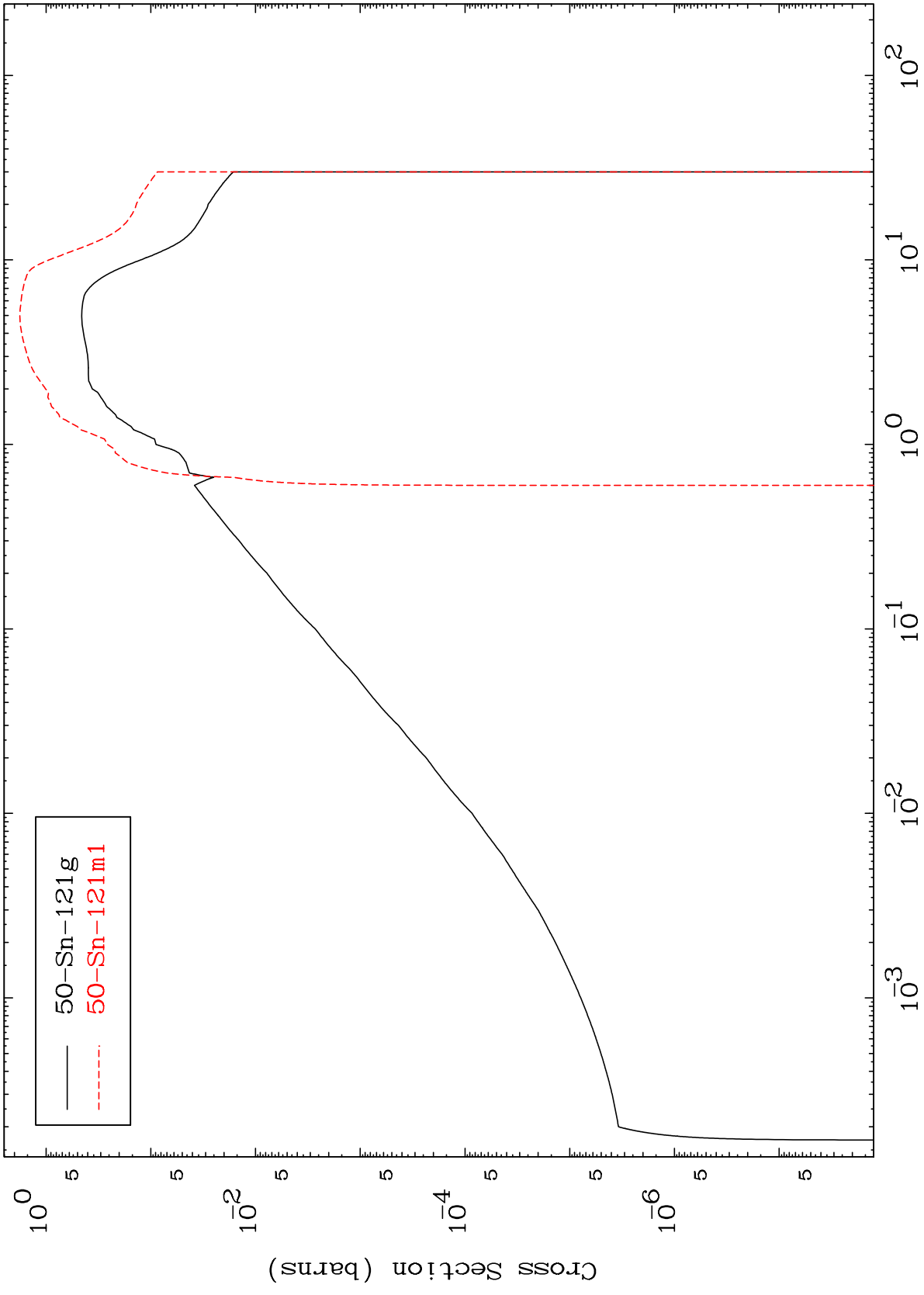
Incident Energy (MeV)

50-Sn-121

MAT 5053

50-Sn-121

Inelastic
Radionuclide Production Cross Section



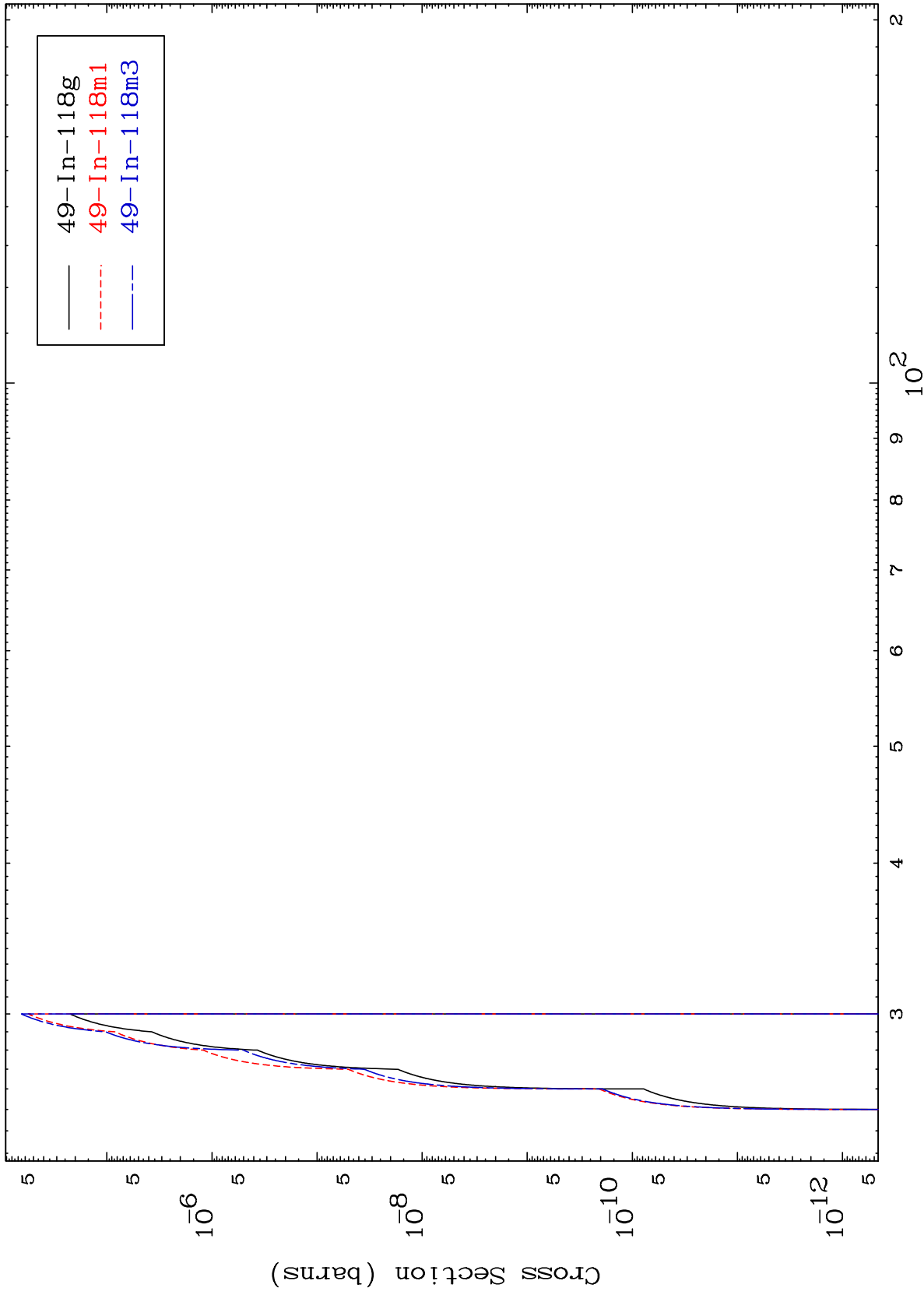
50-Sn-121 g
50-Sn-121 m1

MAT 5053

(n,2n) d

50-Sn-121

Radionuclide Production Cross Section



20

Incident Energy (MeV)

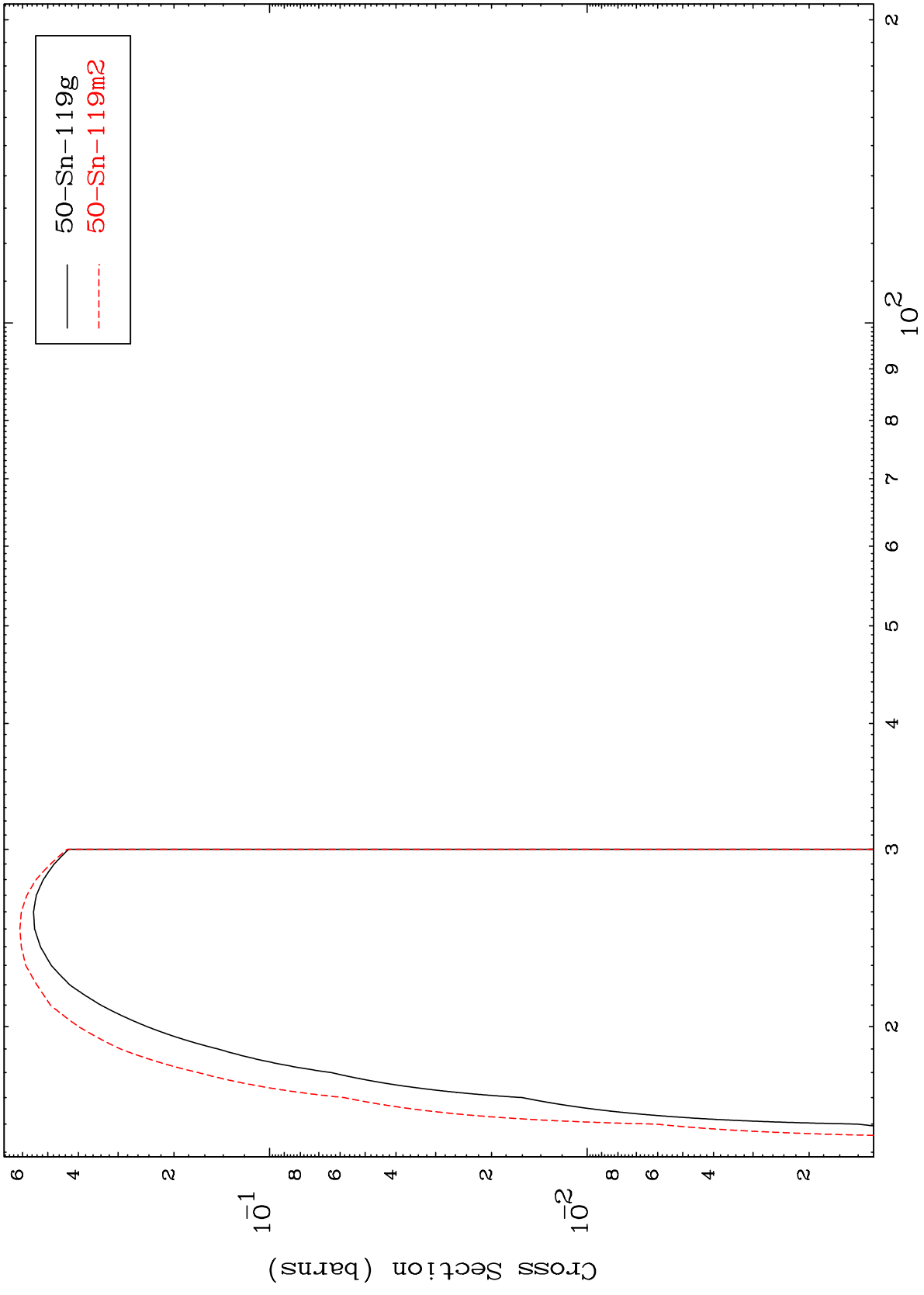
50-Sn-121

MAT 5053

(n,3n)

50-Sn-121

Radionuclide Production Cross Section



50-Sn-119g
50-Sn-119m2

21

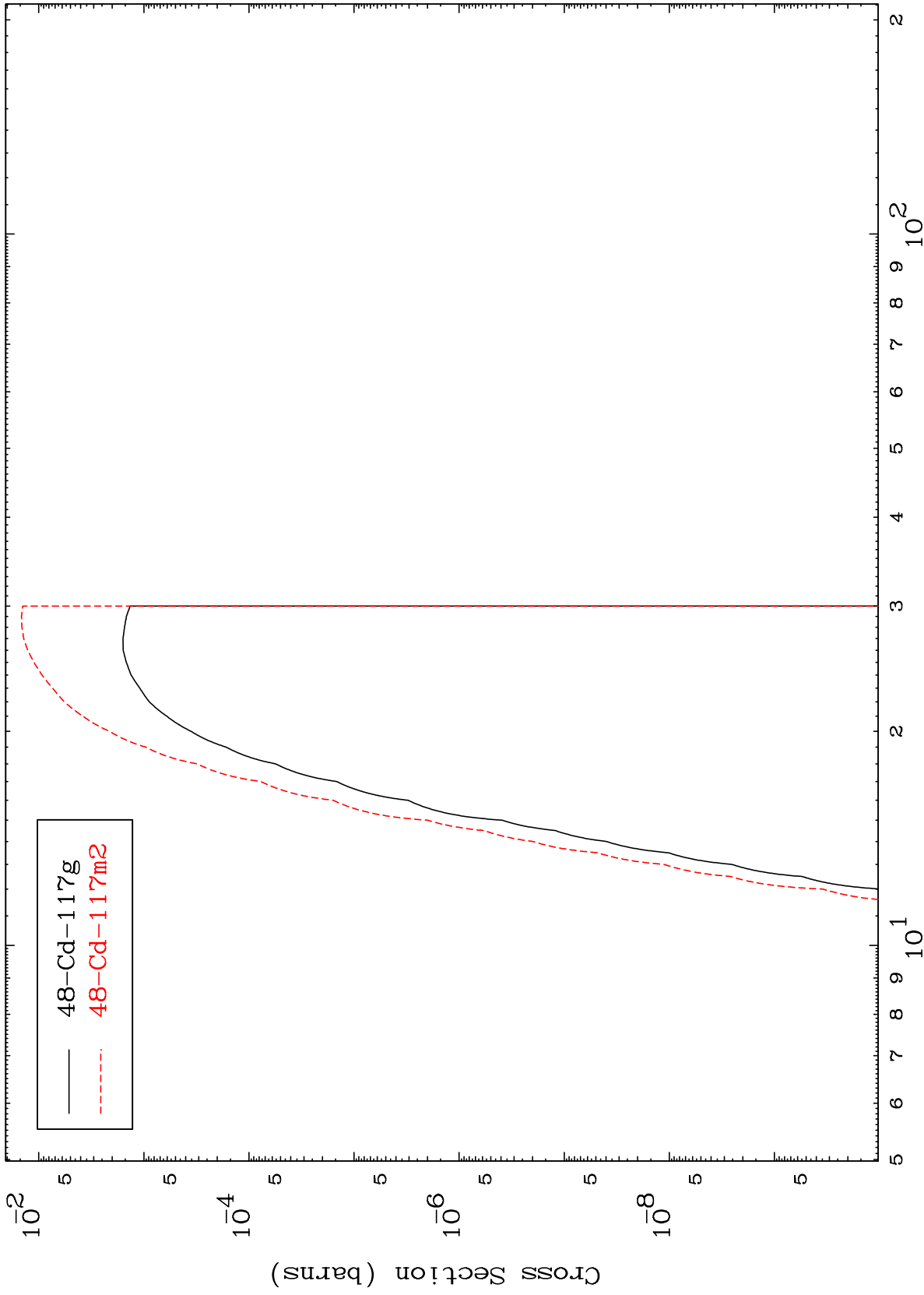
Incident Energy (MeV)

50-Sn-121

MAT 5053

50-Sn-121

(n,n') α
Radionuclide Production Cross Section



22

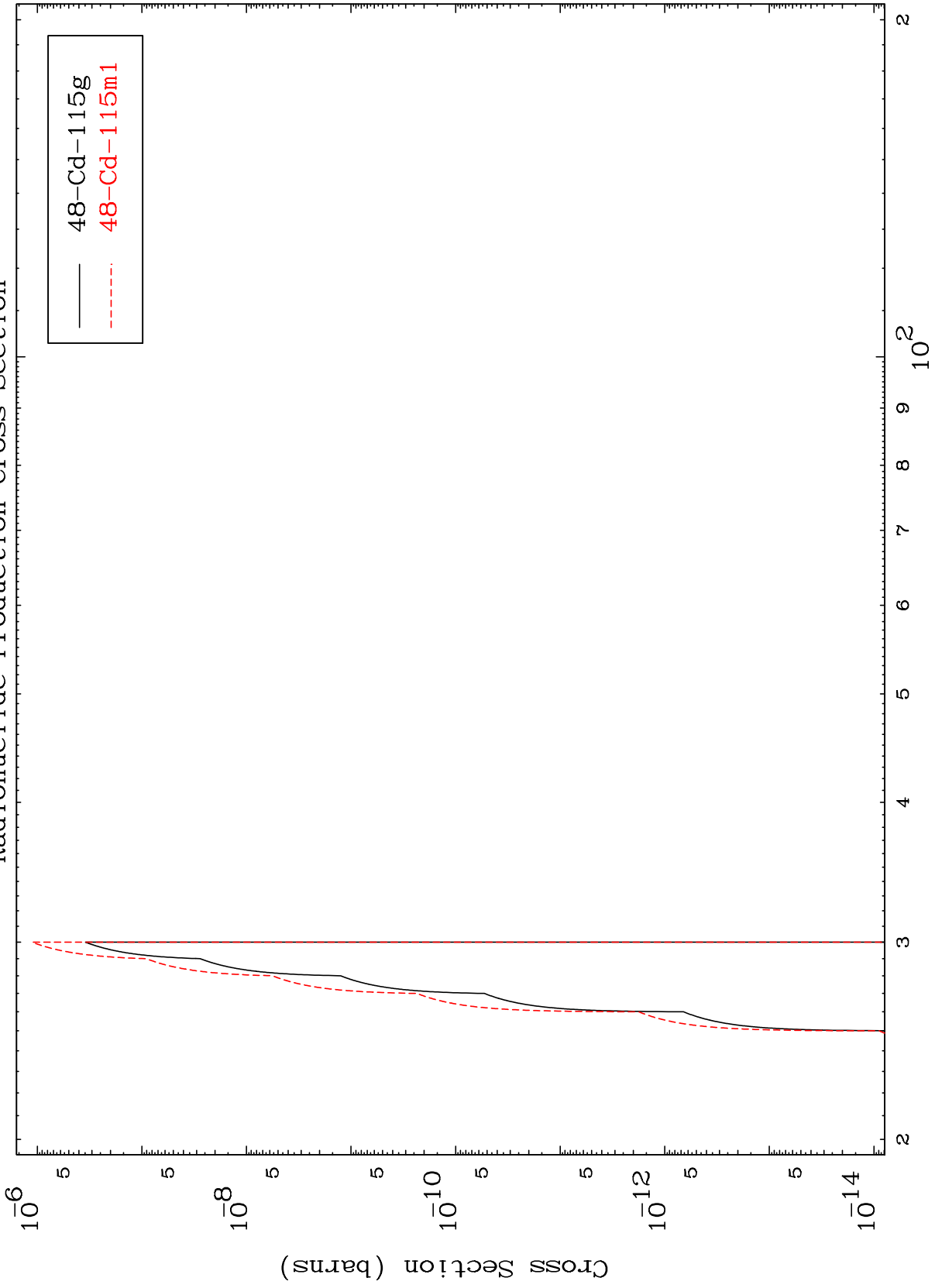
50-Sn-121

MAT 5053

(n,3n) α

50-Sn-121

Radionuclide Production Cross Section



48-Cd-115g
48-Cd-115m1

23

Incident Energy (MeV)

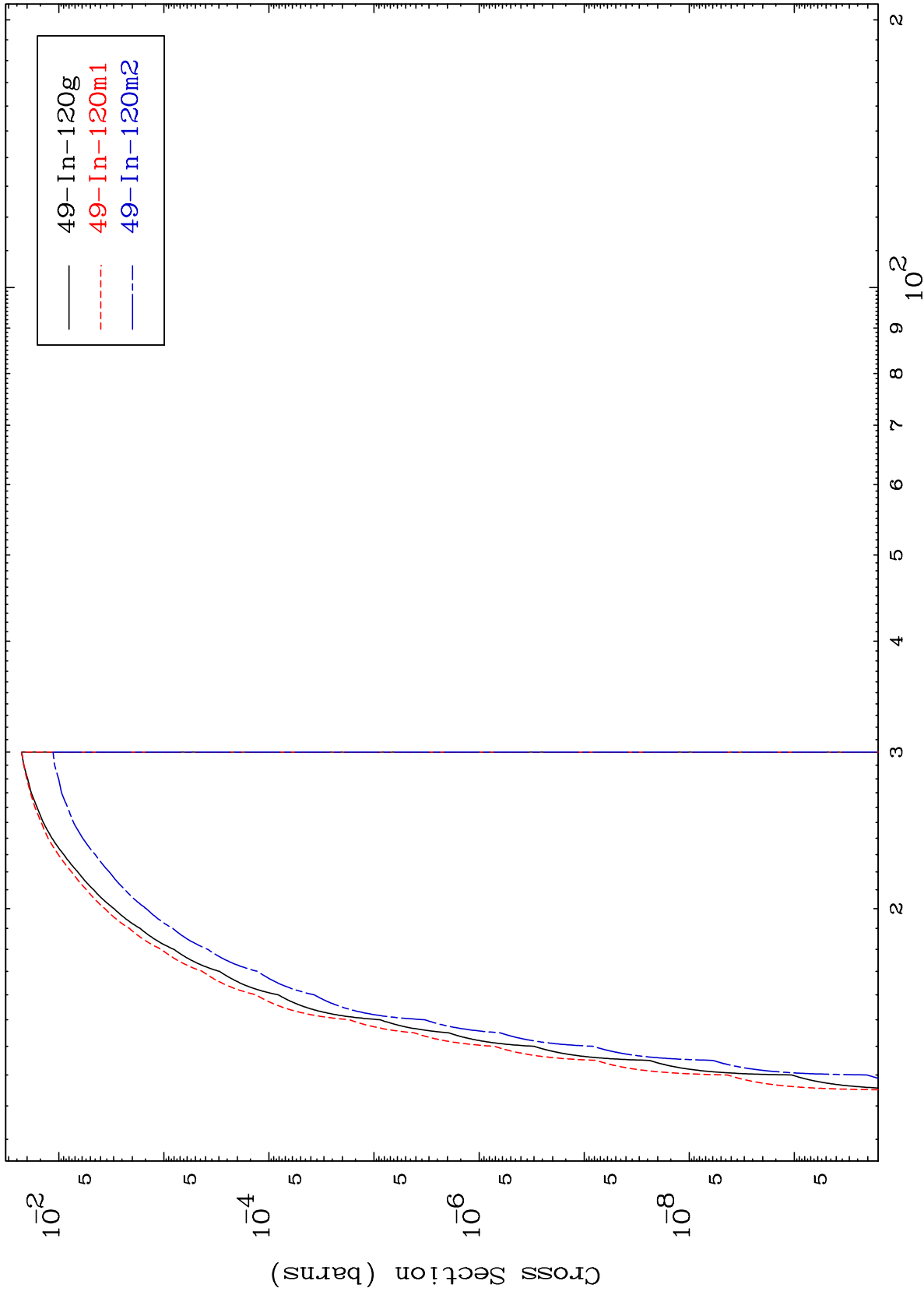
50-Sn-121

MAT 5053

(n,n') p

50-Sn-121

Radionuclide Production Cross Section



24

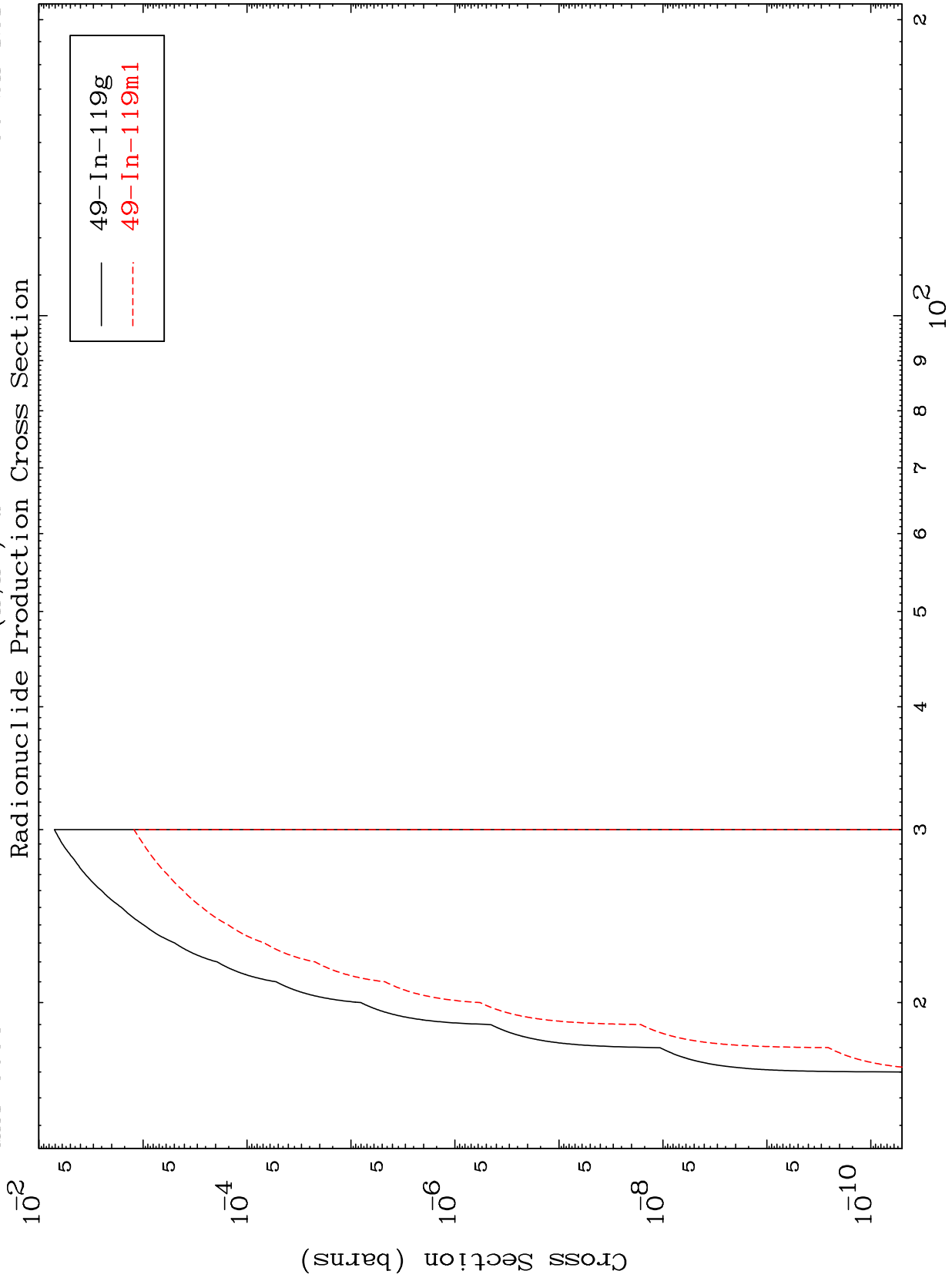
Incident Energy (MeV)

50-Sn-121

MAT 5053

(n,n') d

50-Sn-121



25

Incident Energy (MeV)

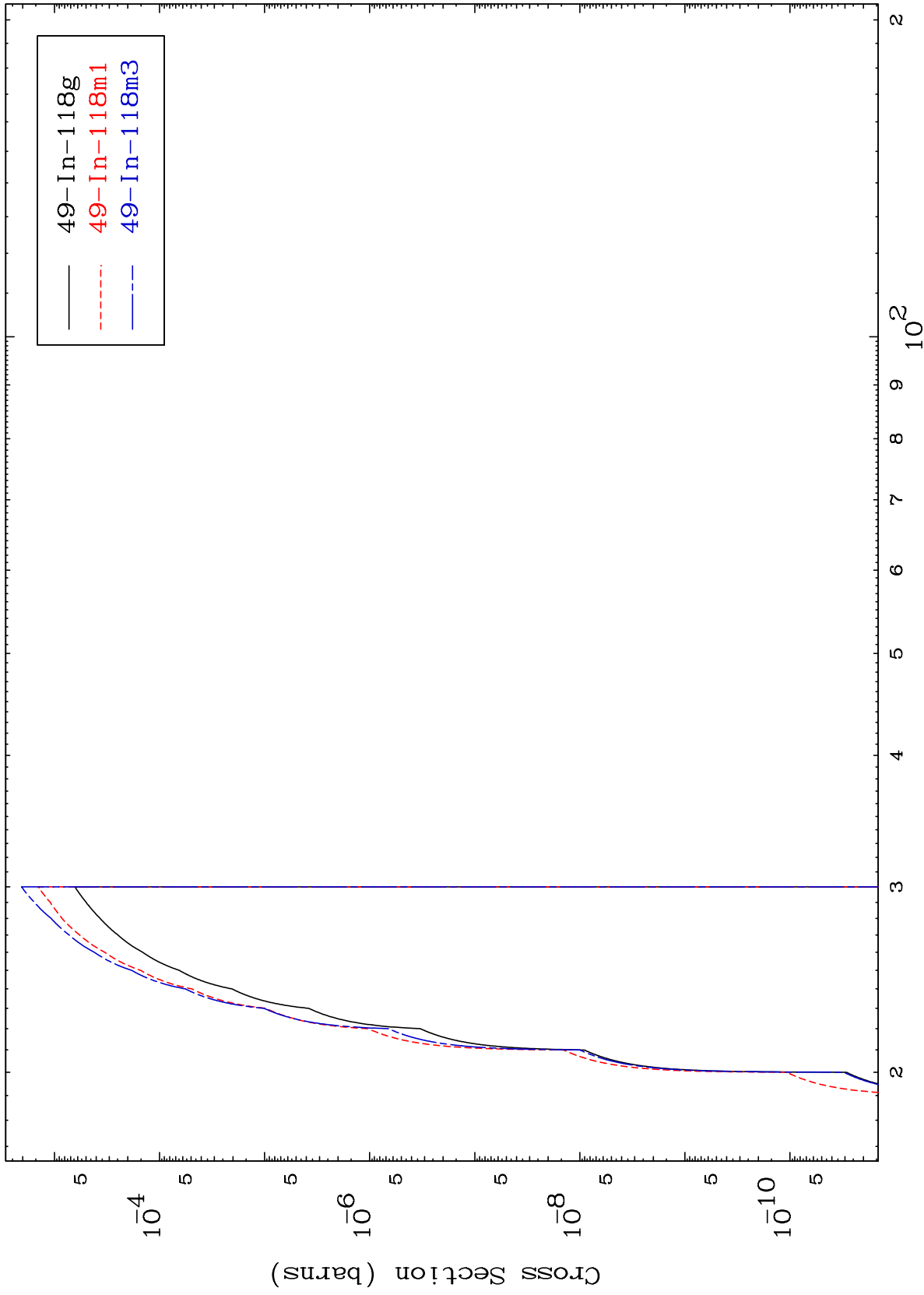
50-Sn-121

MAT 5053

(n,n') t

50-Sn-121

Radionuclide Production Cross Section



26

Incident Energy (MeV)

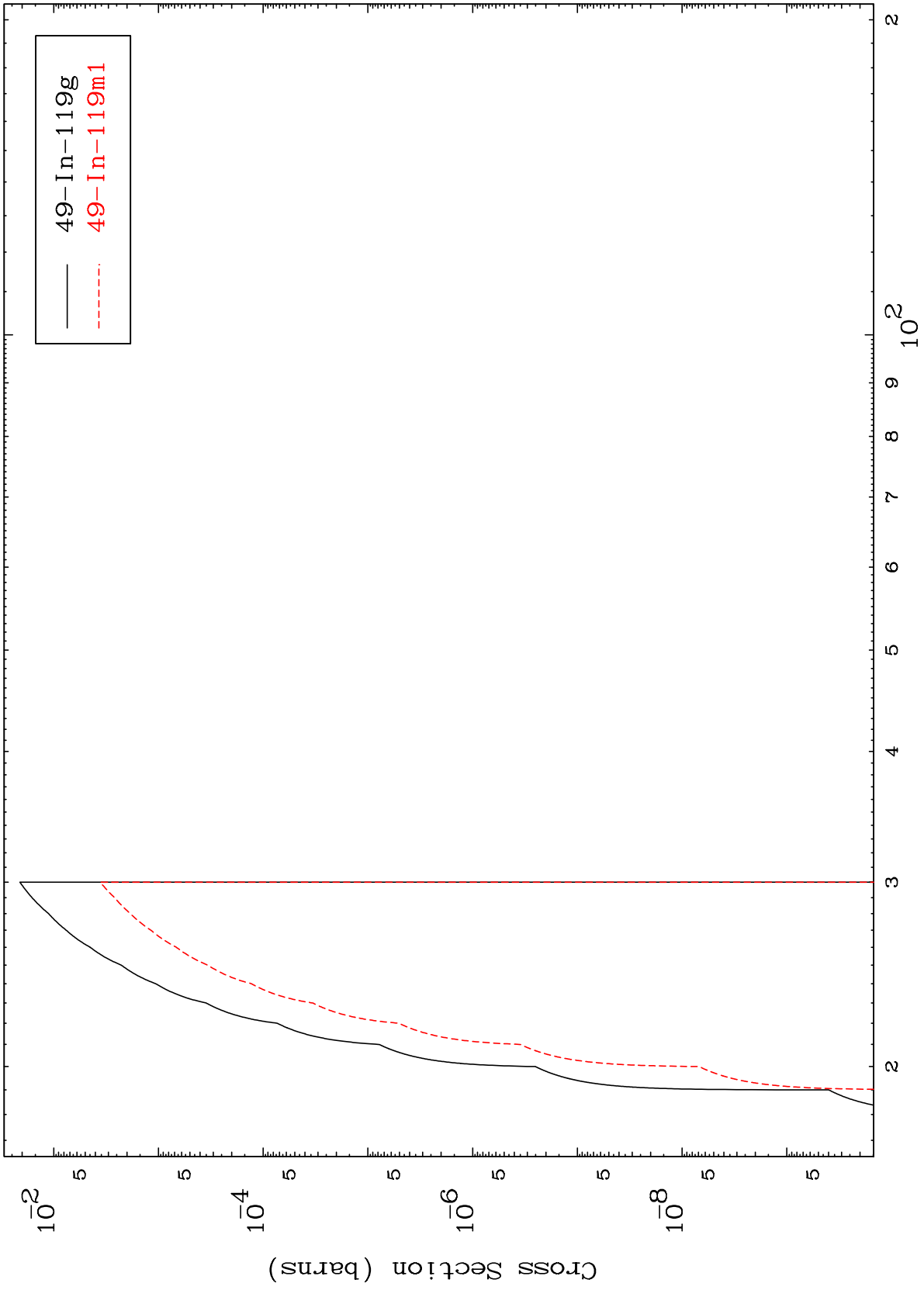
50-Sn-121

MAT 5053

(n,2n) p

50-Sn-121

Radionuclide Production Cross Section



27

Incident Energy (MeV)

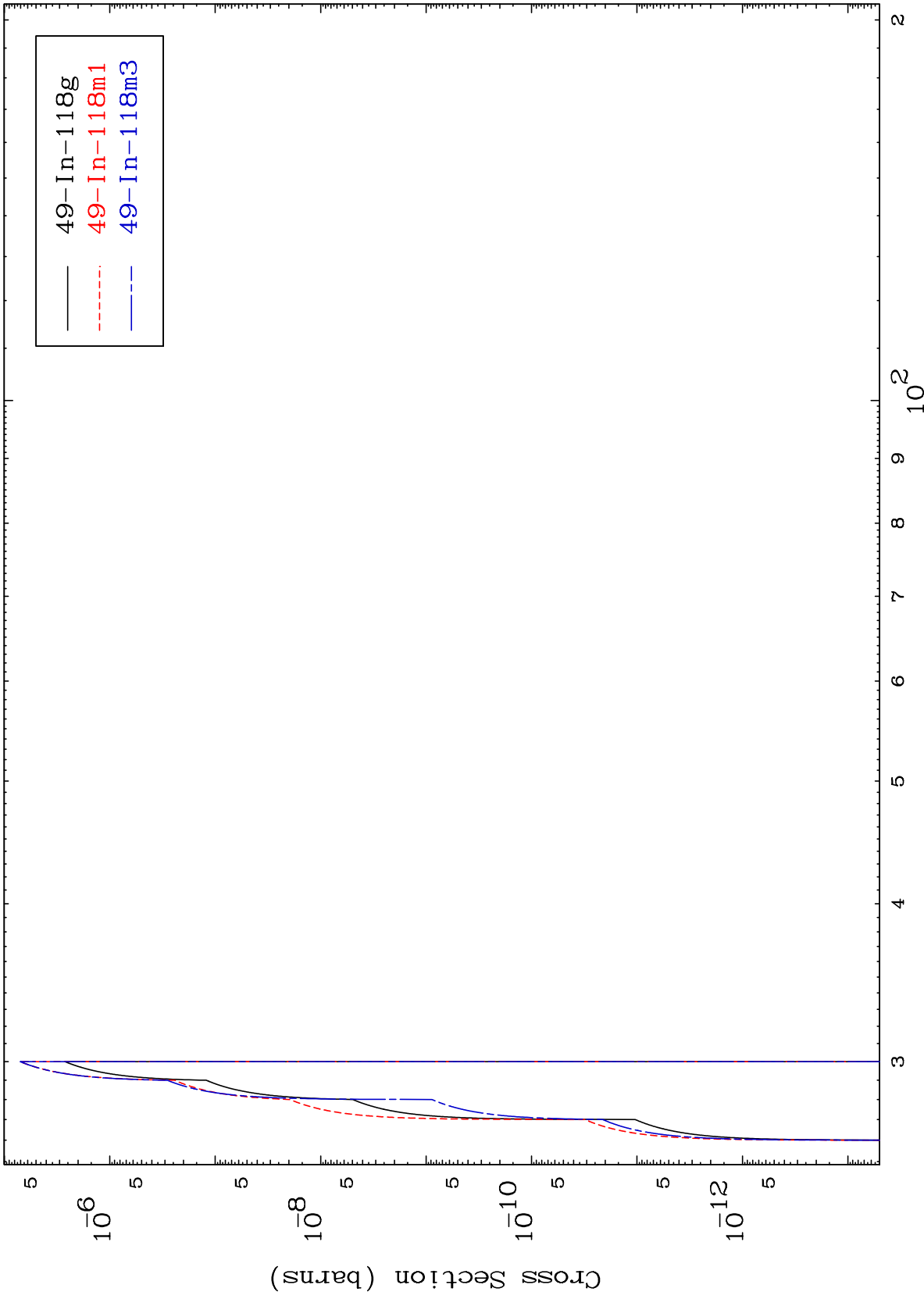
50-Sn-121

MAT 5053

(n,3n) p

50-Sn-121

Radionuclide Production Cross Section



28

Incident Energy (MeV)

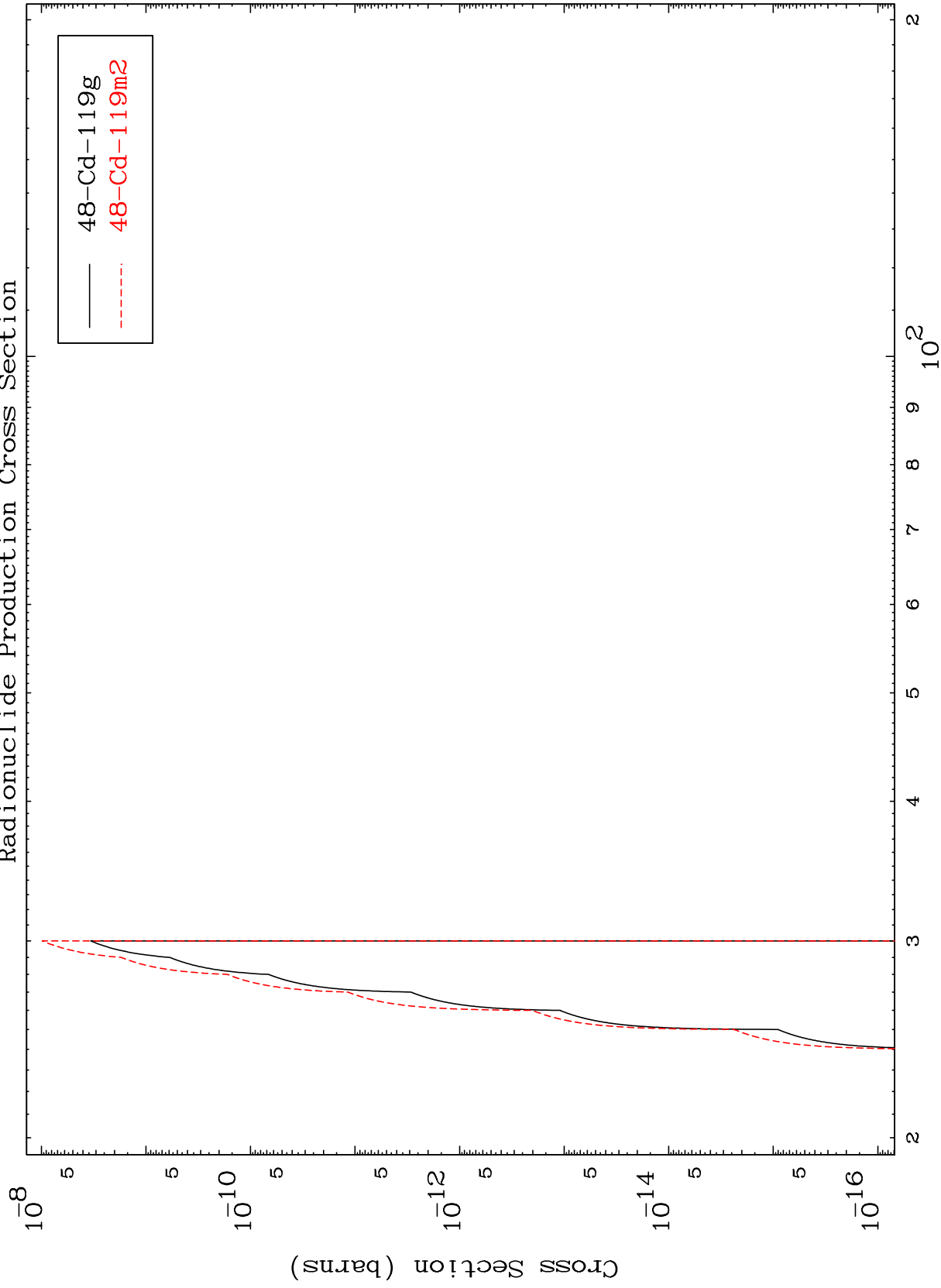
50-Sn-121

MAT 5053

(n,2n) p

50-Sn-121

Radionuclide Production Cross Section



29

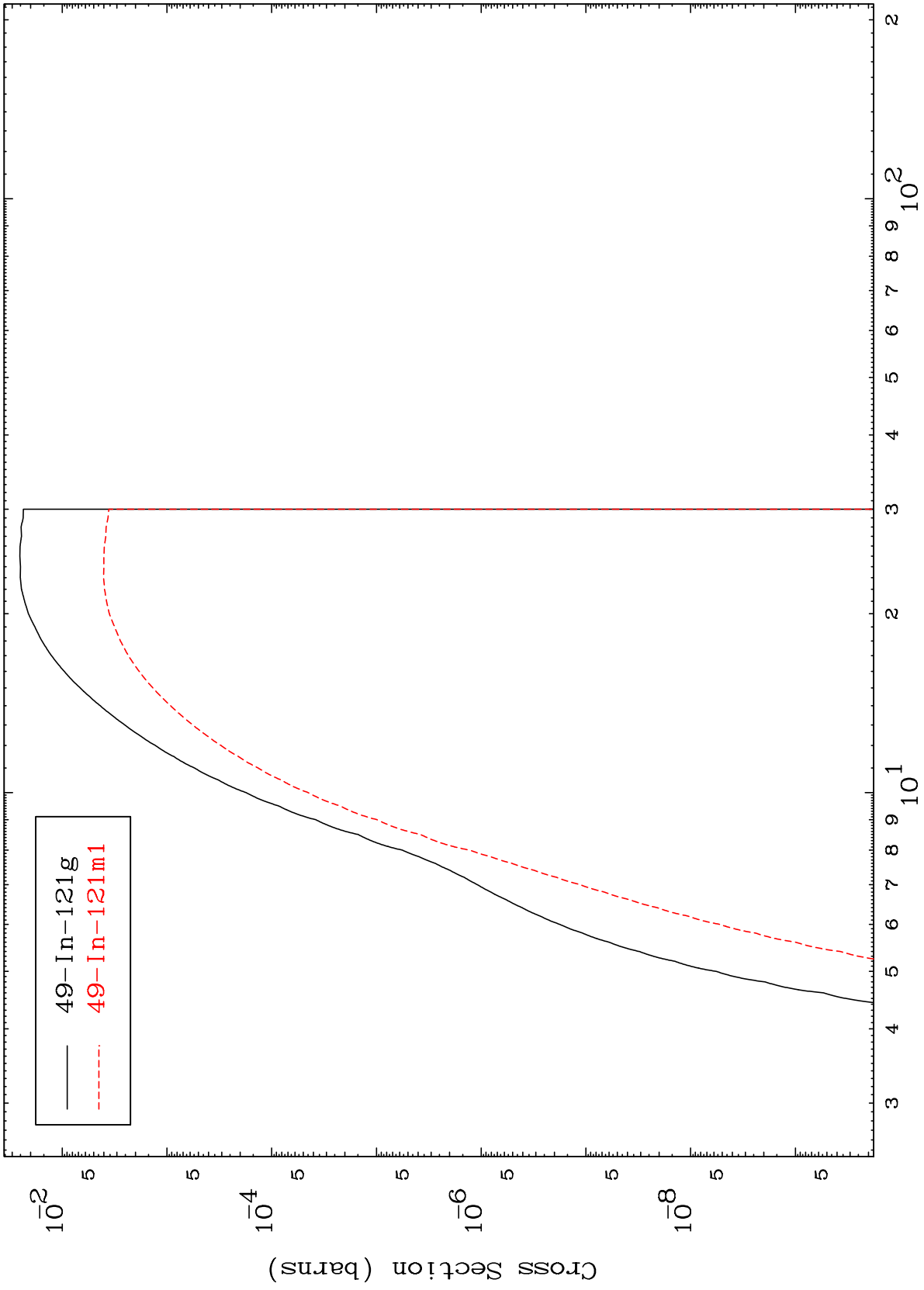
Incident Energy (MeV)

50-Sn-121

MAT 5053

Radionuclide Production Cross Section
(n,p)

50-Sn-121



— 49-In-121g
- - - 49-In-121m1

30

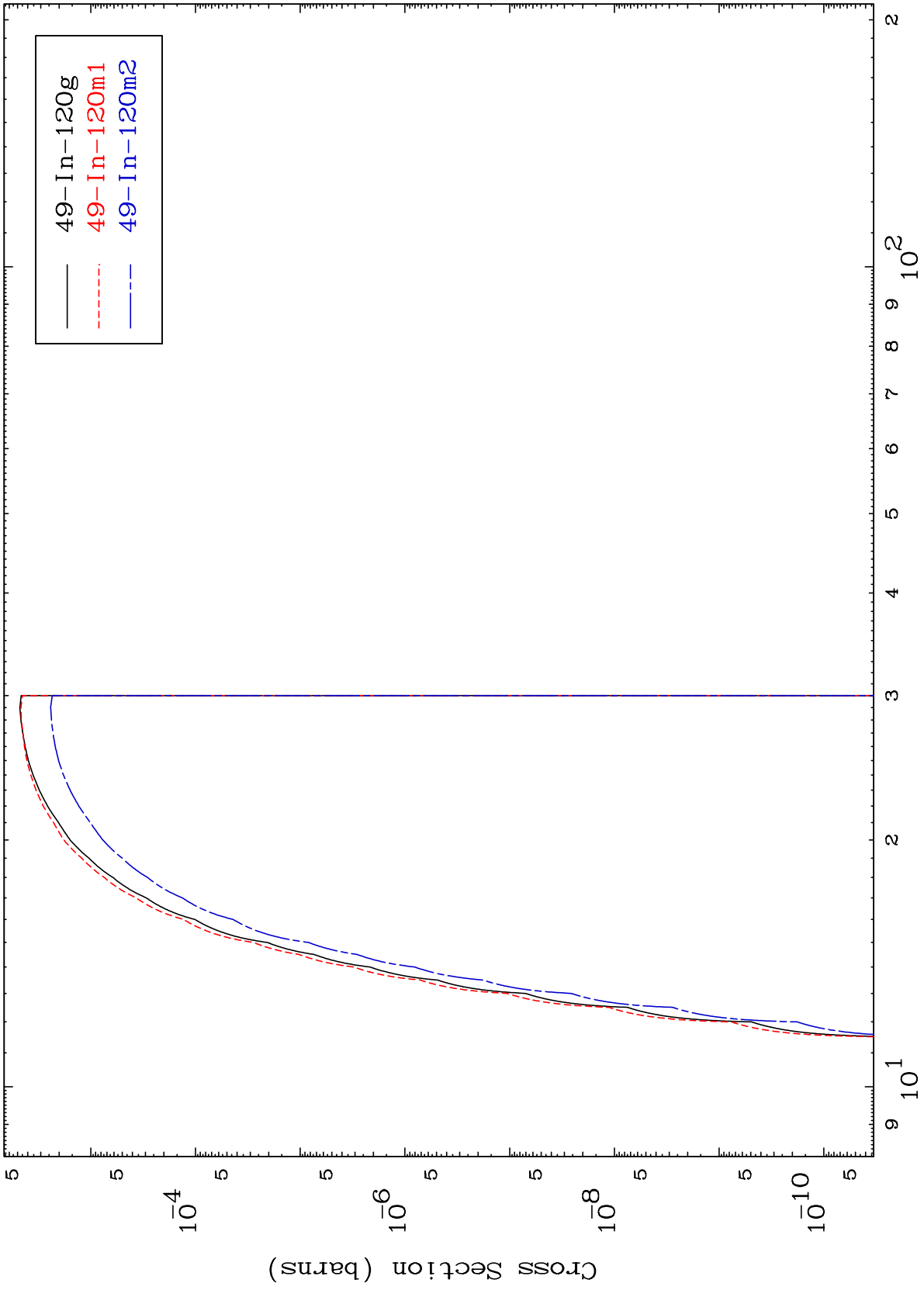
Incident Energy (MeV)

50-Sn-121

MAT 5053

50-Sn-121

(n,d)
Radionuclide Production Cross Section



31

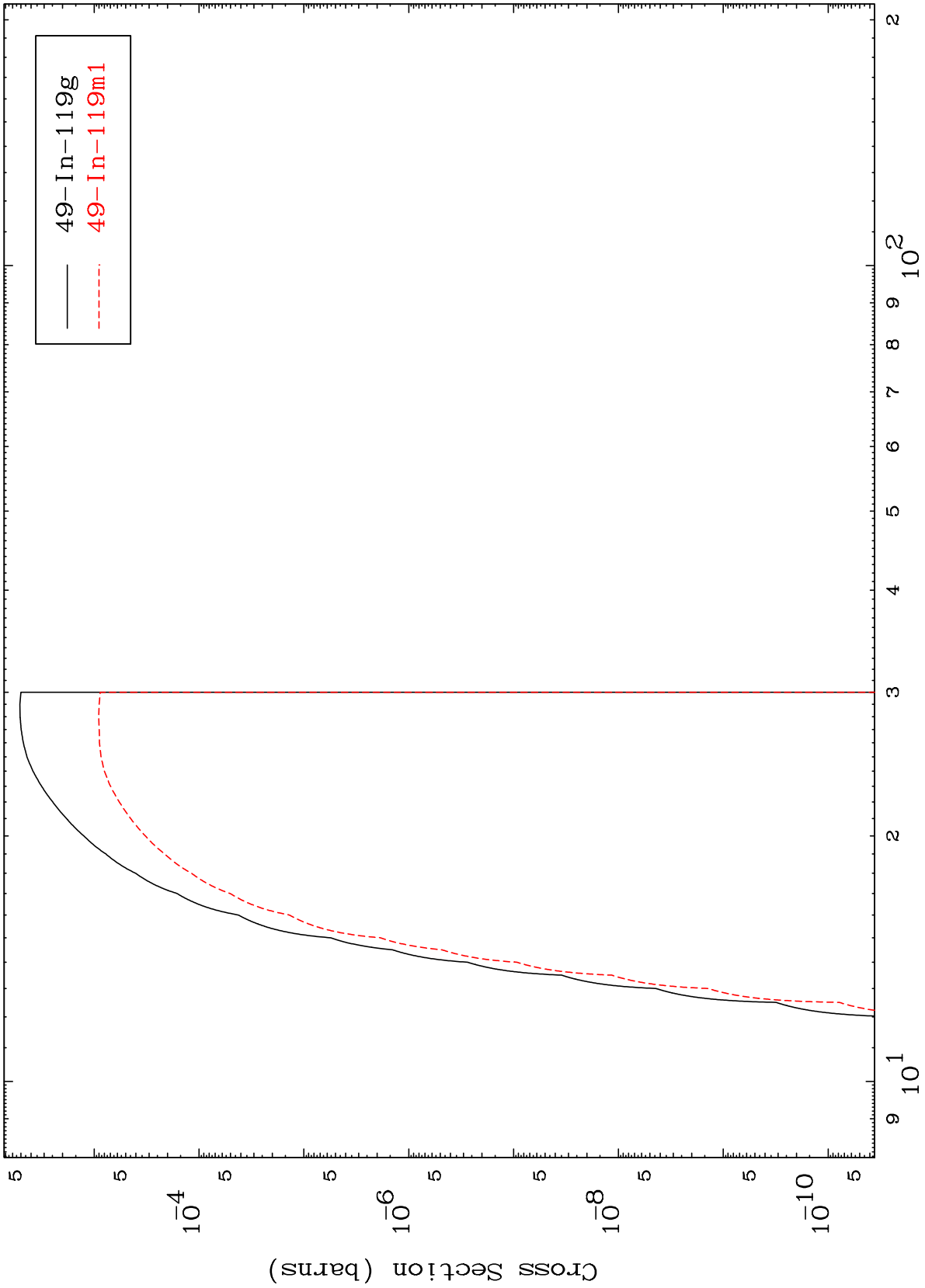
Incident Energy (MeV)

50-Sn-121

MAT 5053

50-Sn-121

(n, t)
Radionuclide Production Cross Section



32

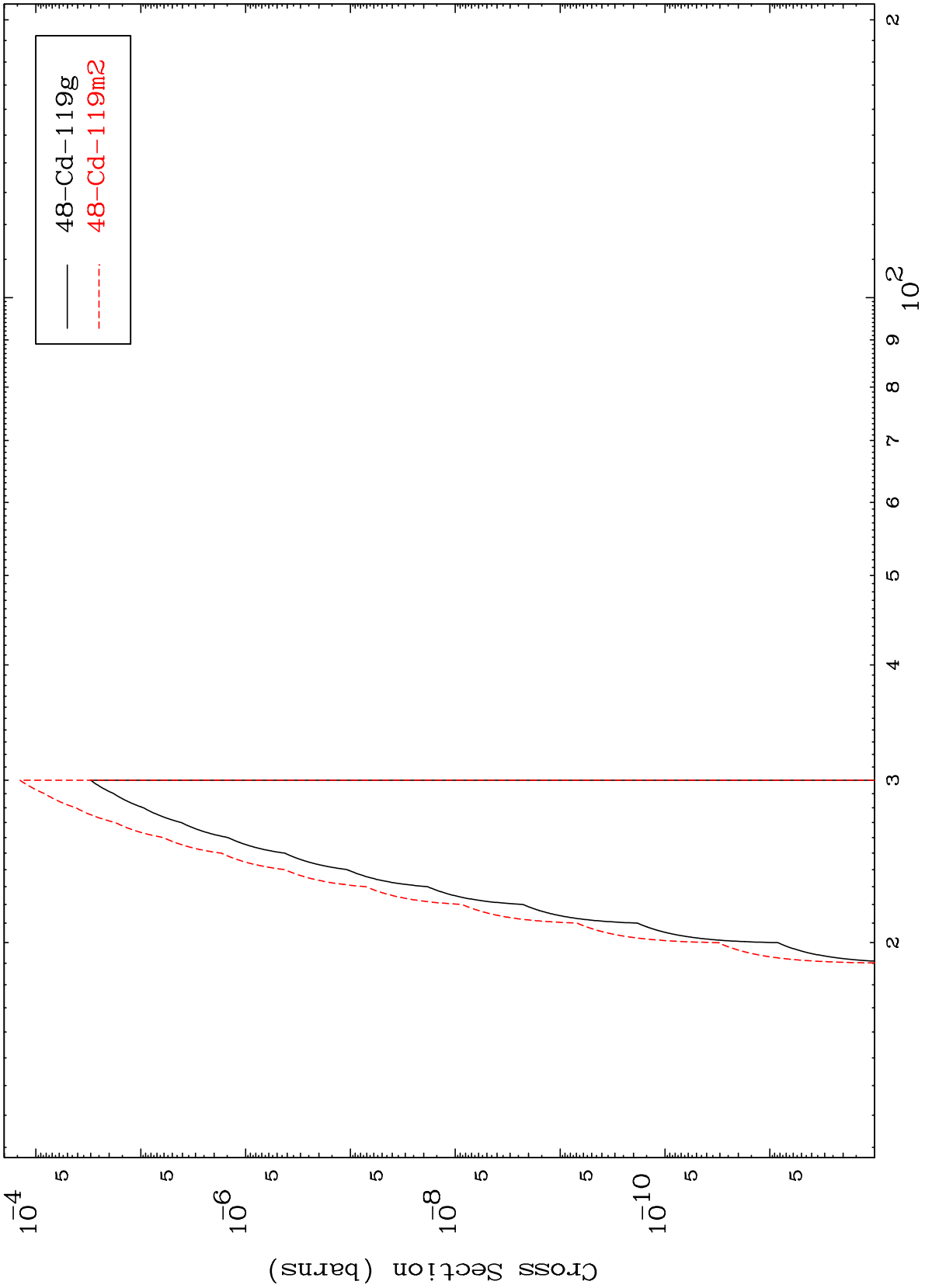
50-Sn-121

MAT 5053

(n, He-3)

50-Sn-121

Radionuclide Production Cross Section



33

Incident Energy (MeV)

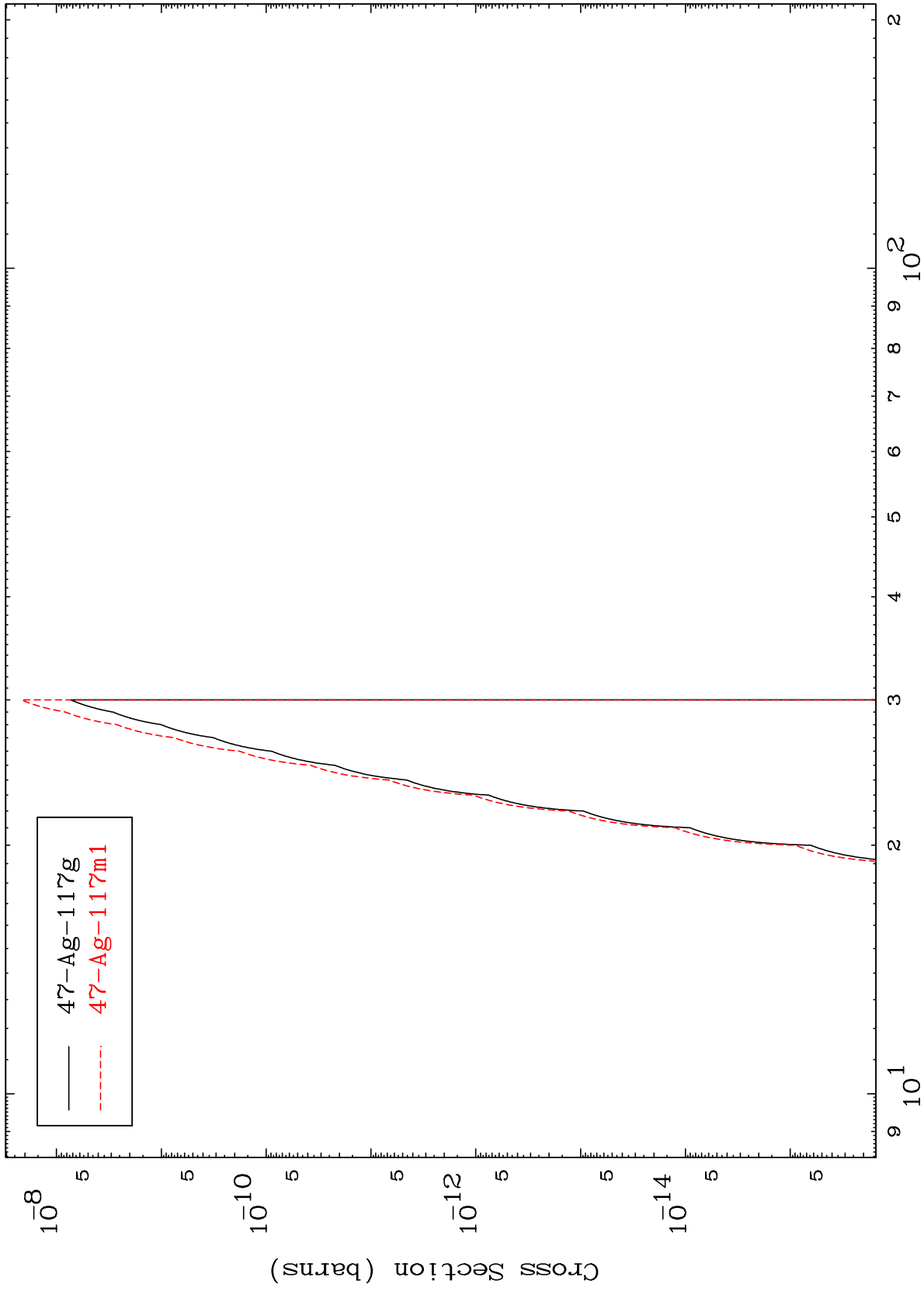
50-Sn-121

MAT 5053

(n,p) α

50-Sn-121

Radionuclide Production Cross Section



34

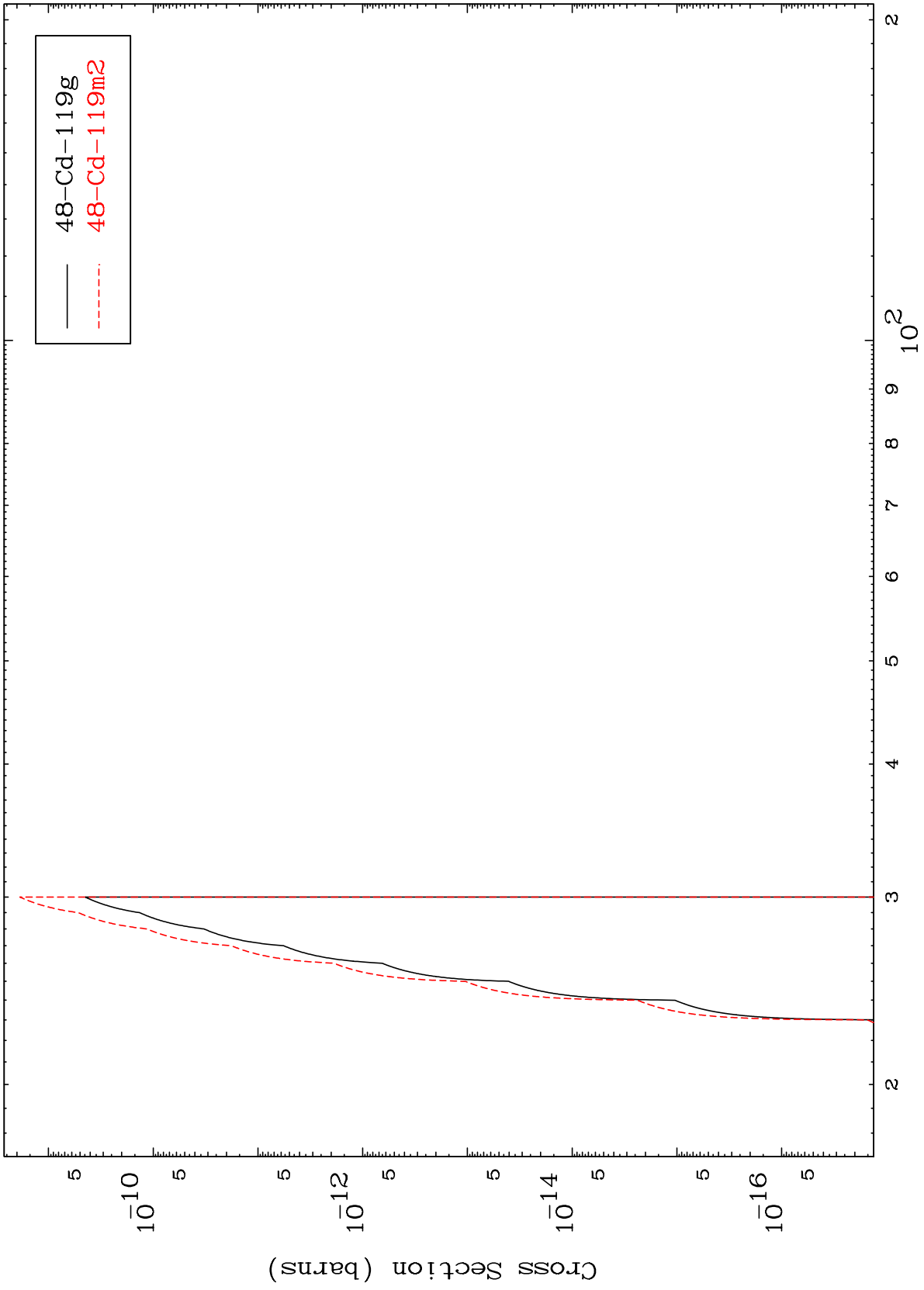
50-Sn-121

MAT 5053

(n,p) d

50-Sn-121

Radionuclide Production Cross Section



35

Incident Energy (MeV)

50-Sn-121