

Program EVALPLOT
(Version 2018-1)

by

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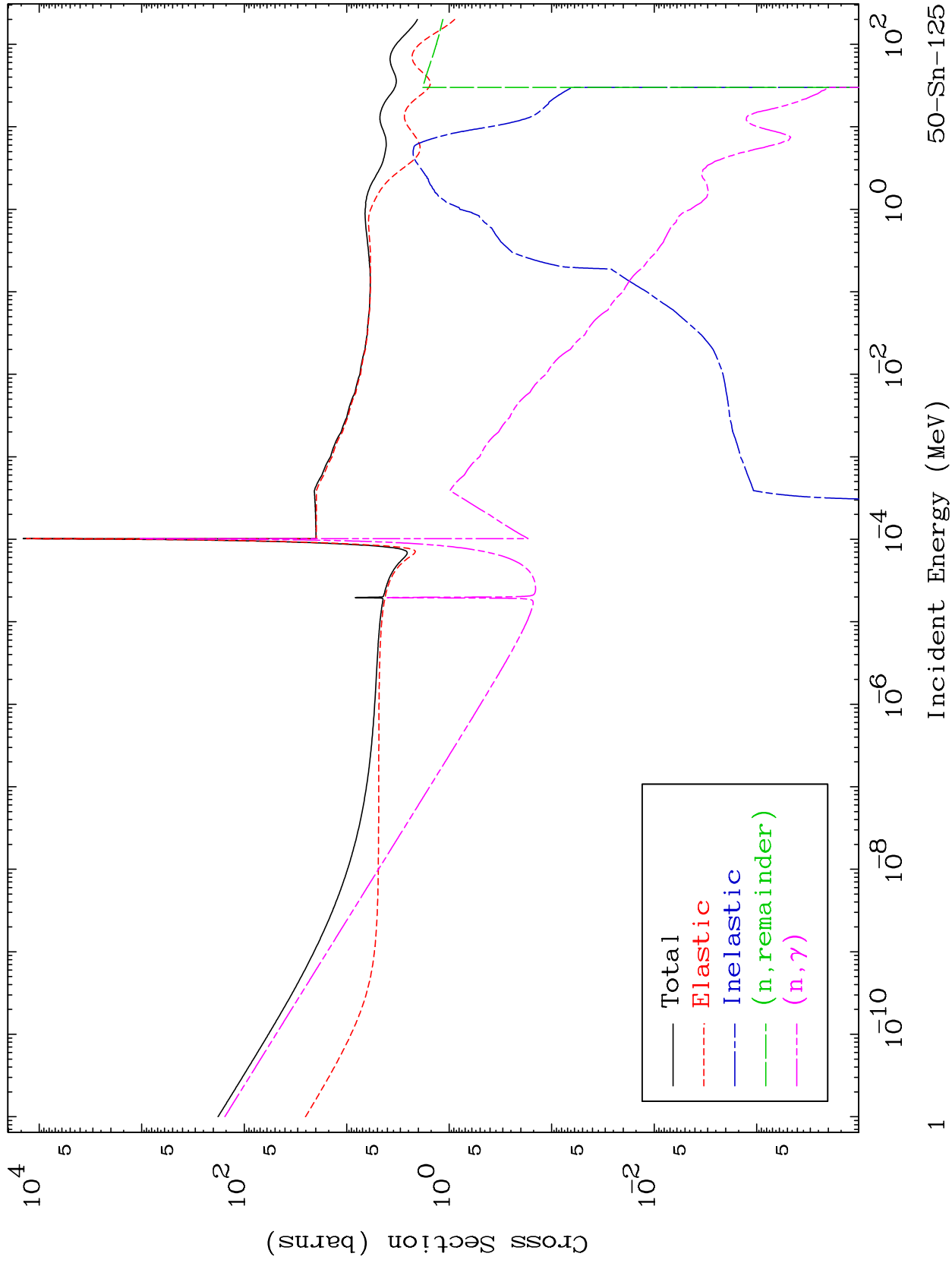
Press Mouse Button to Start

MAT 5065

Major

293 Kelvin Cross Sections

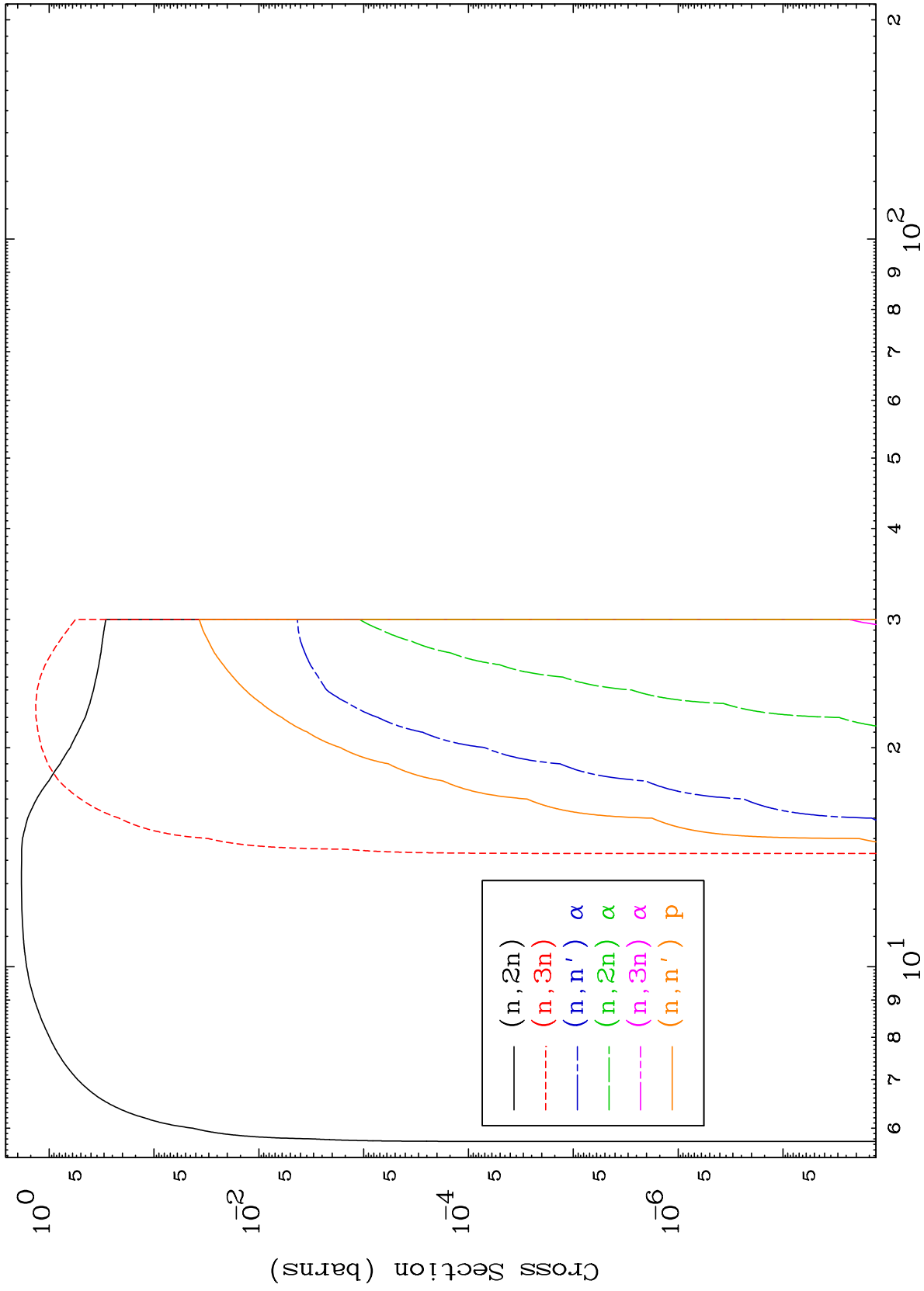
50-Sn-125



MAT 5065

Neutron Production
293 Kelvin Cross Sections

50-Sn-125



2

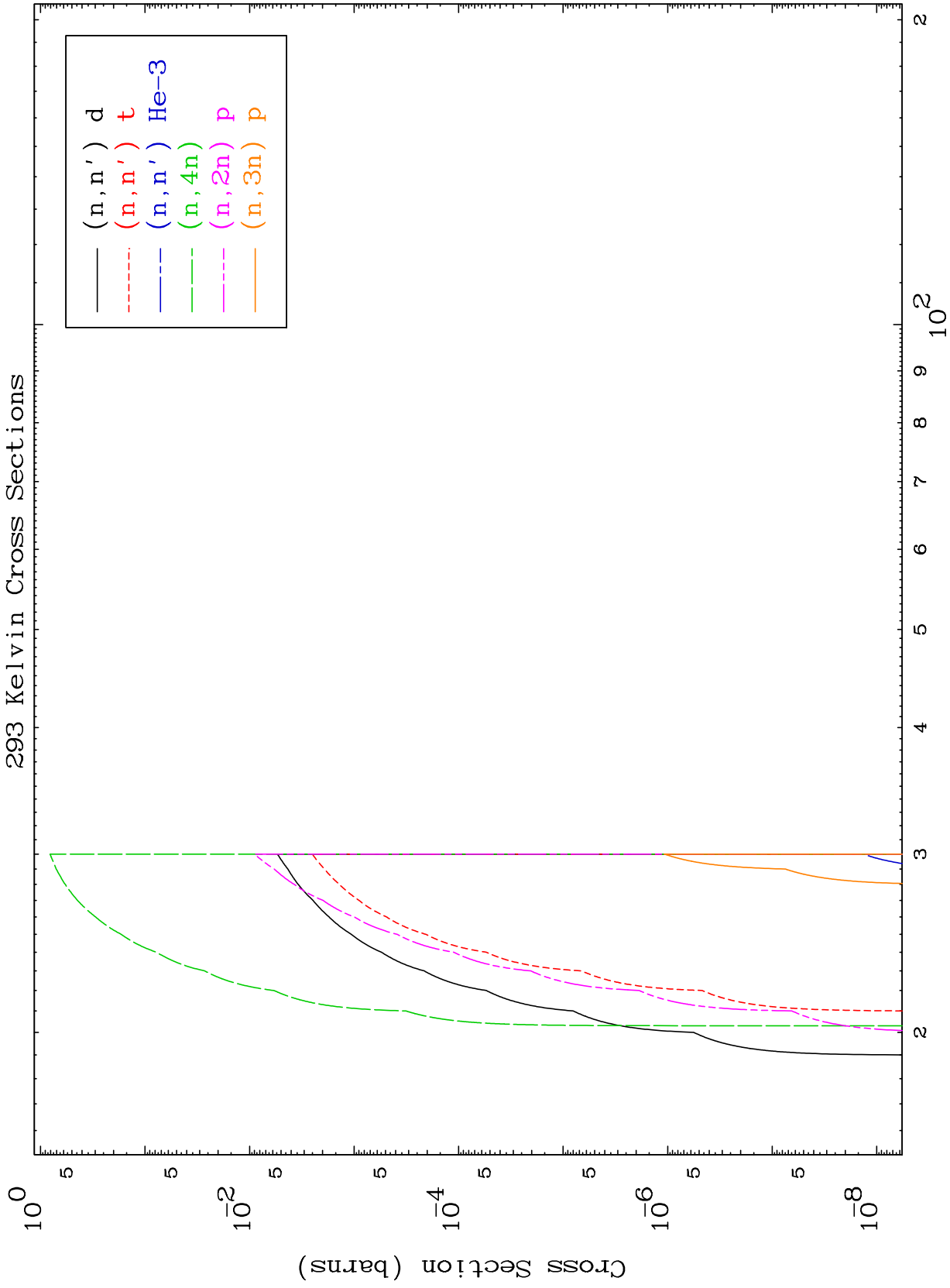
Incident Energy (MeV)

50-Sn-125

MAT 5065

Neutron Production
293 Kelvin Cross Sections

50-Sn-125



3

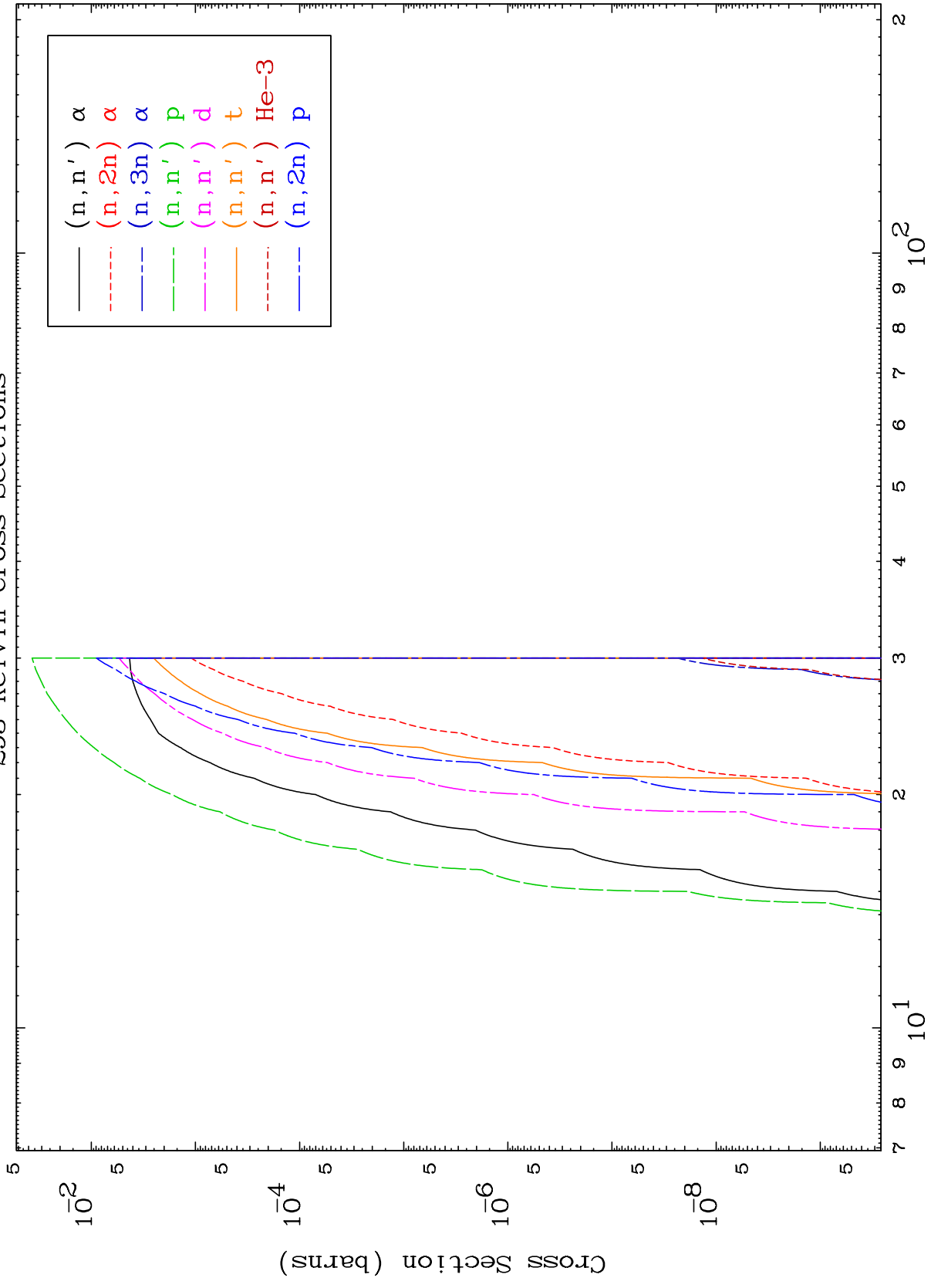
Incident Energy (MeV)

50-Sn-125

MAT 5065

Charged Particle
293 Kelvin Cross Sections

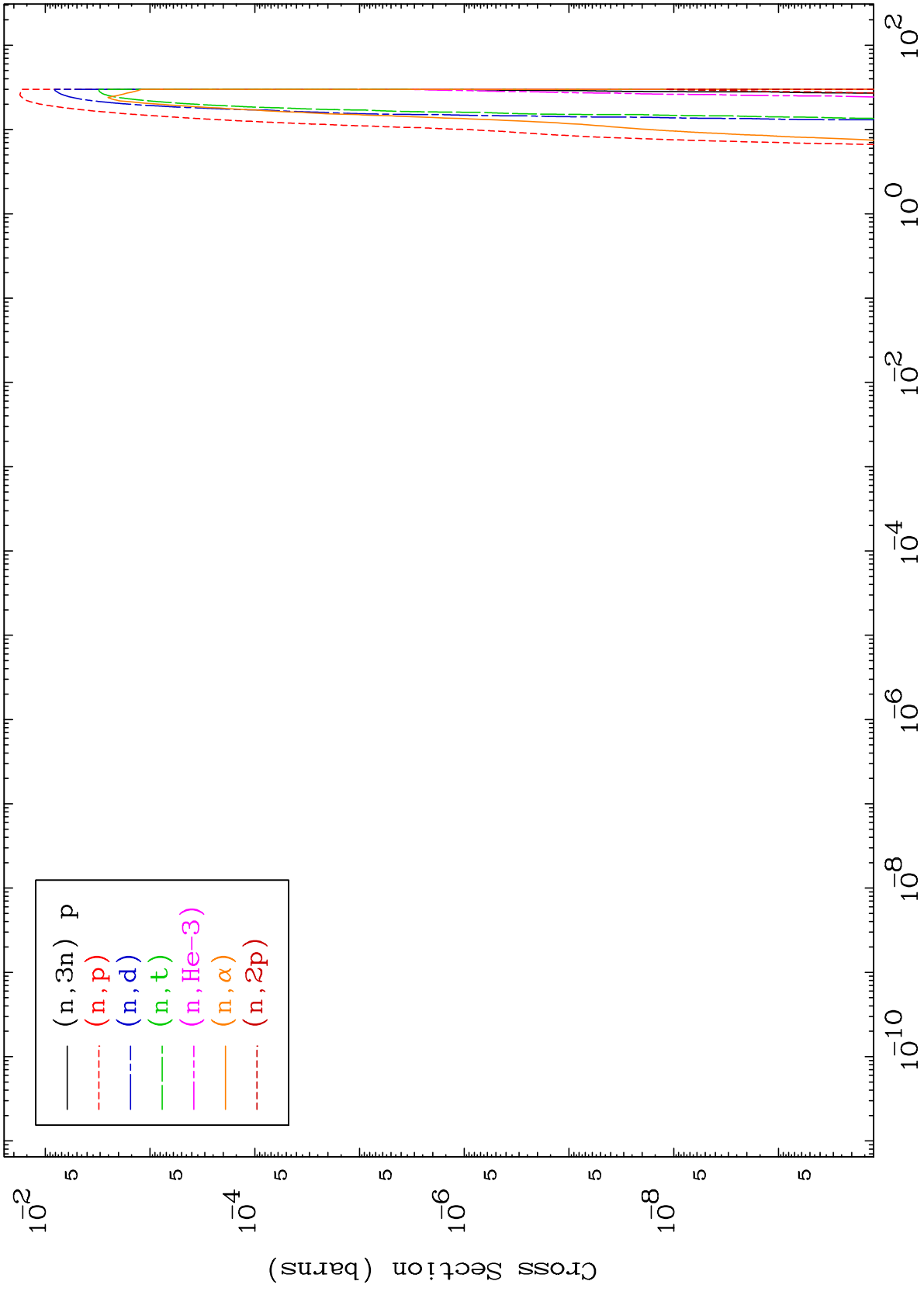
50-Sn-125



MAT 5065

Charged Particle
293 Kelvin Cross Sections

50-Sn-125



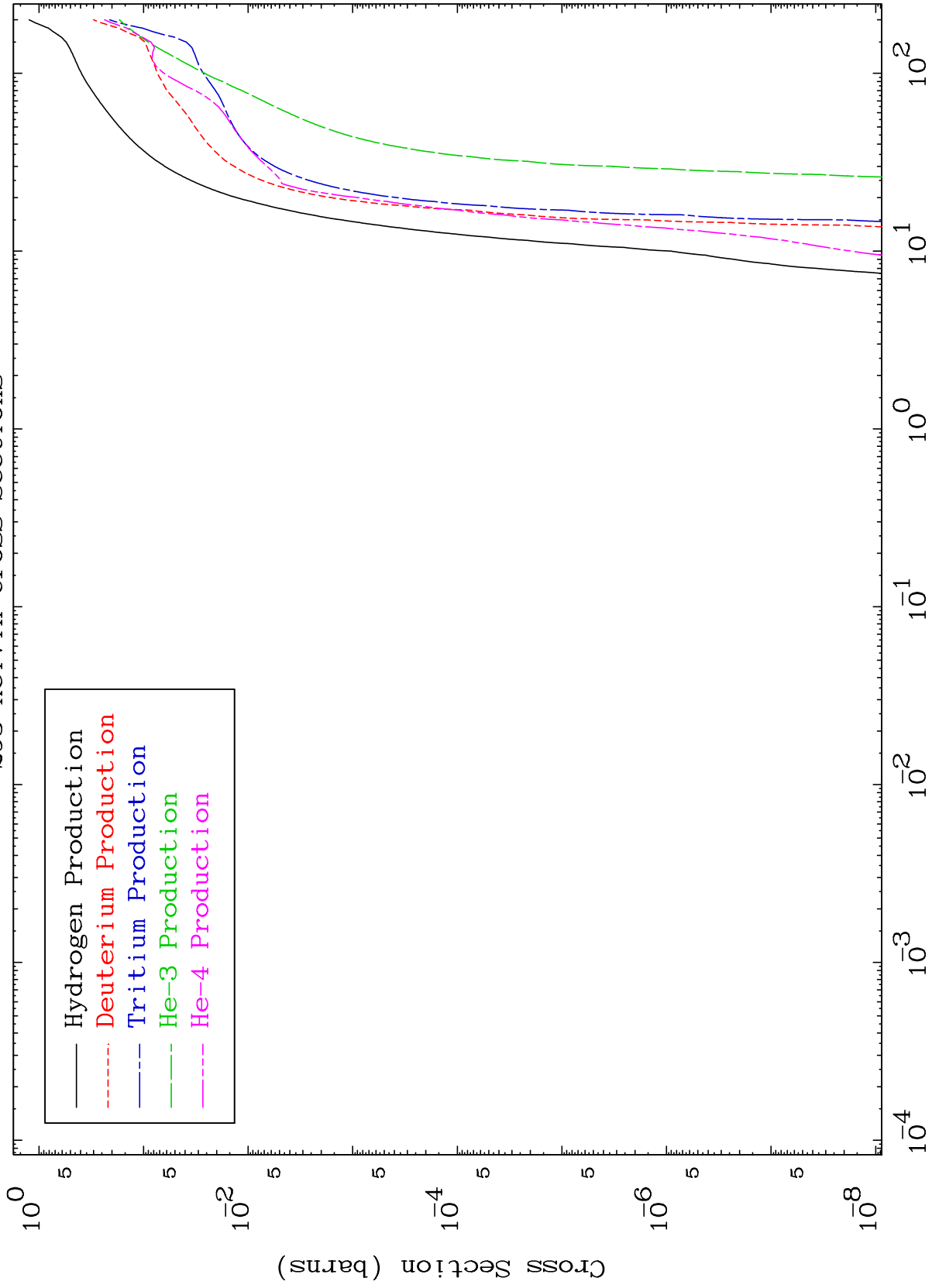
5

50-Sn-125

MAT 5065

Particle Production
293 Kelvin Cross Sections

50-Sn-125



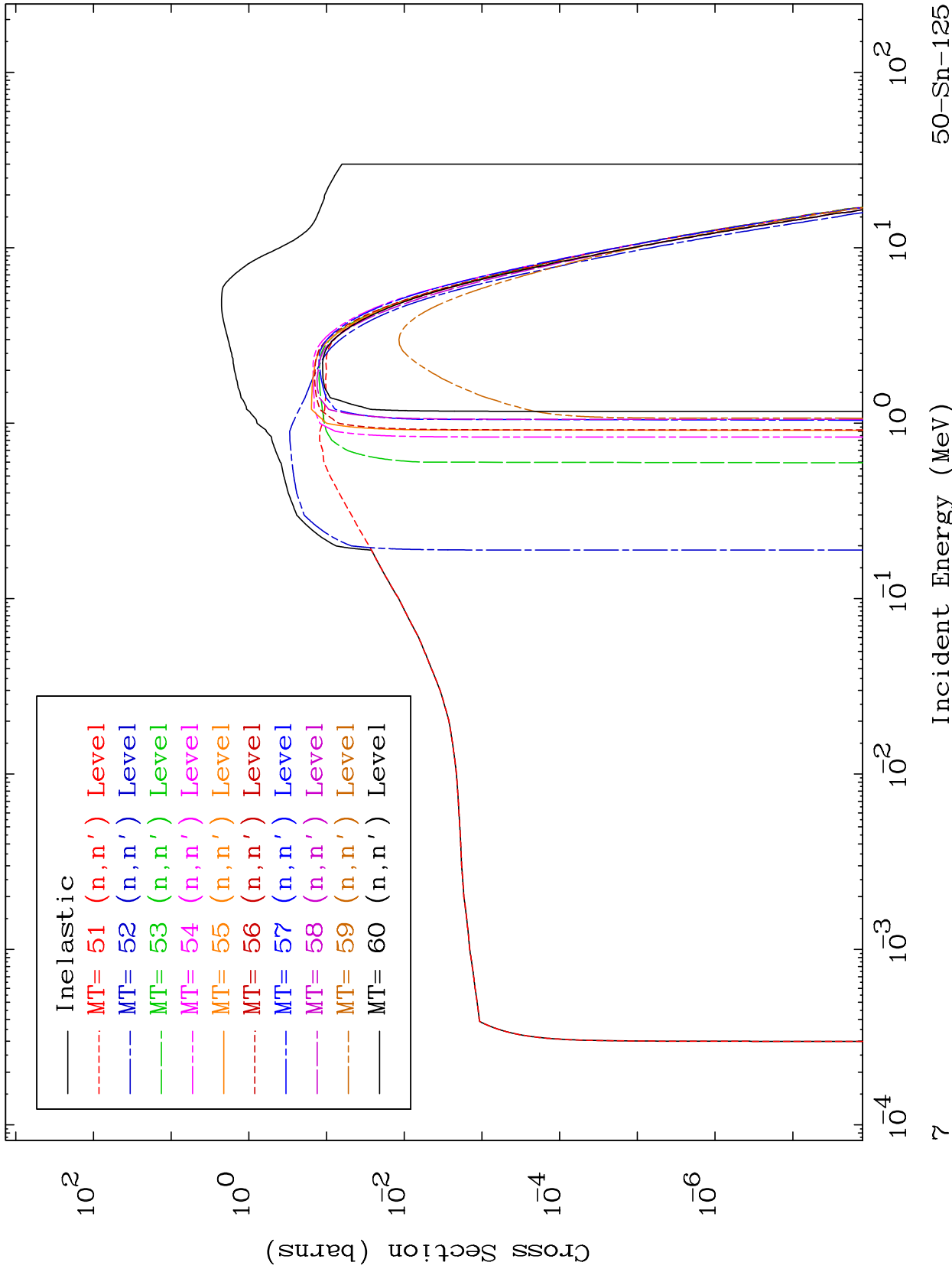
6

50-Sn-125

MAT 5065

(n,n') Level
293 Kelvin Cross Sections

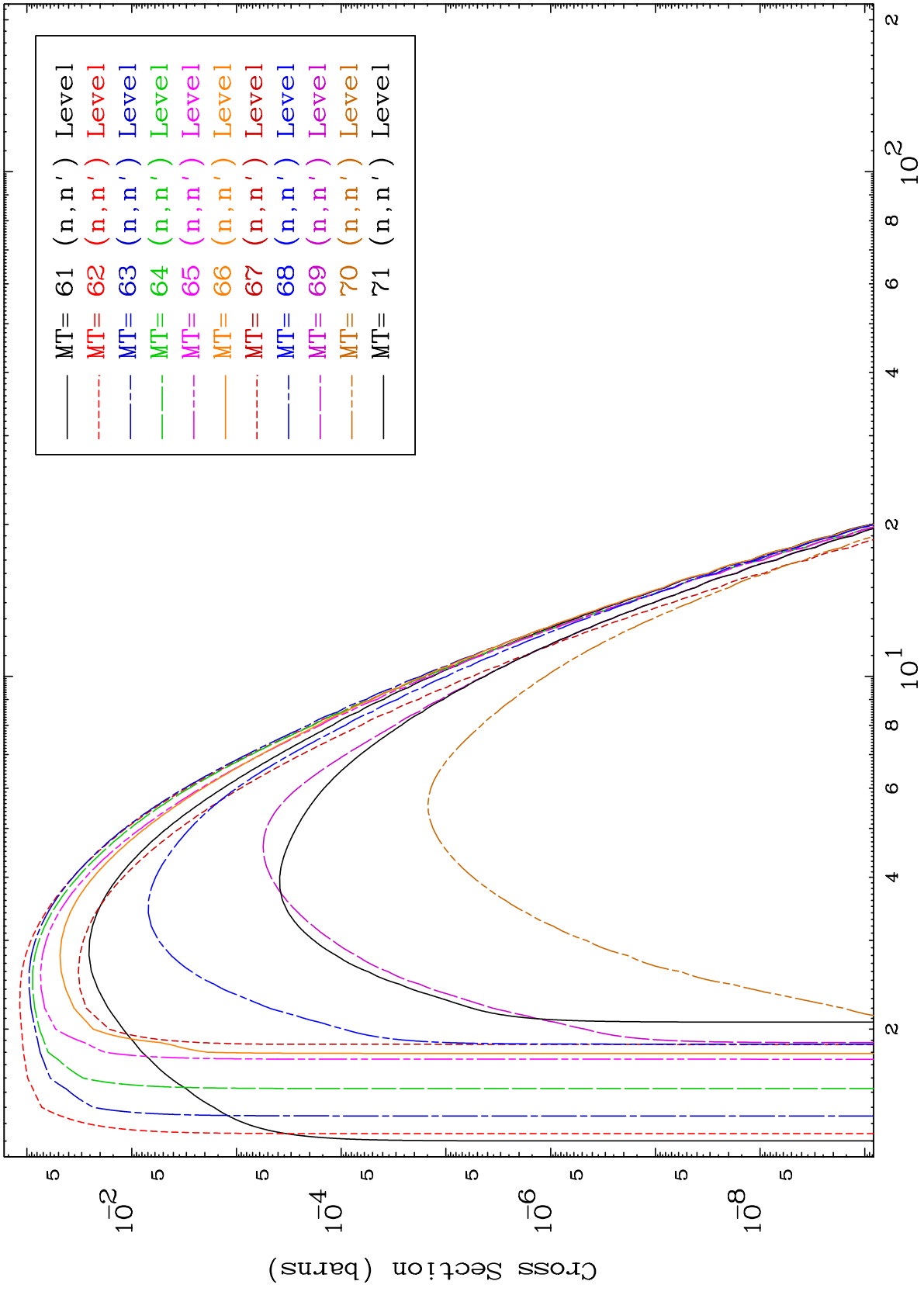
50-Sn-125



MAT 5065

(n,n') Level
293 Kelvin Cross Sections

50-Sn-125



8

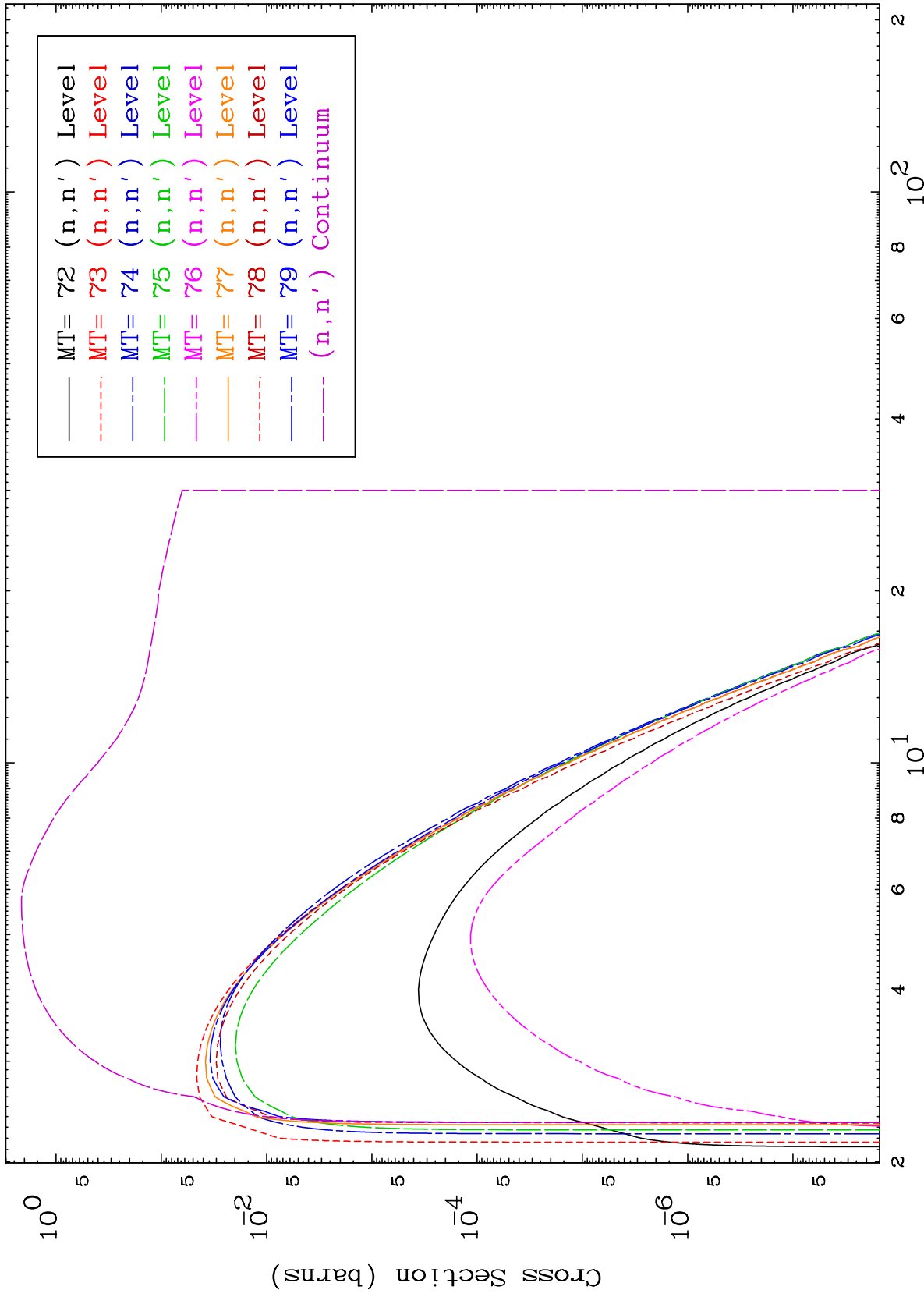
Incident Energy (MeV)

50-Sn-125

MAT 5065

(n,n') Level
293 Kelvin Cross Sections

50-Sn-125



9

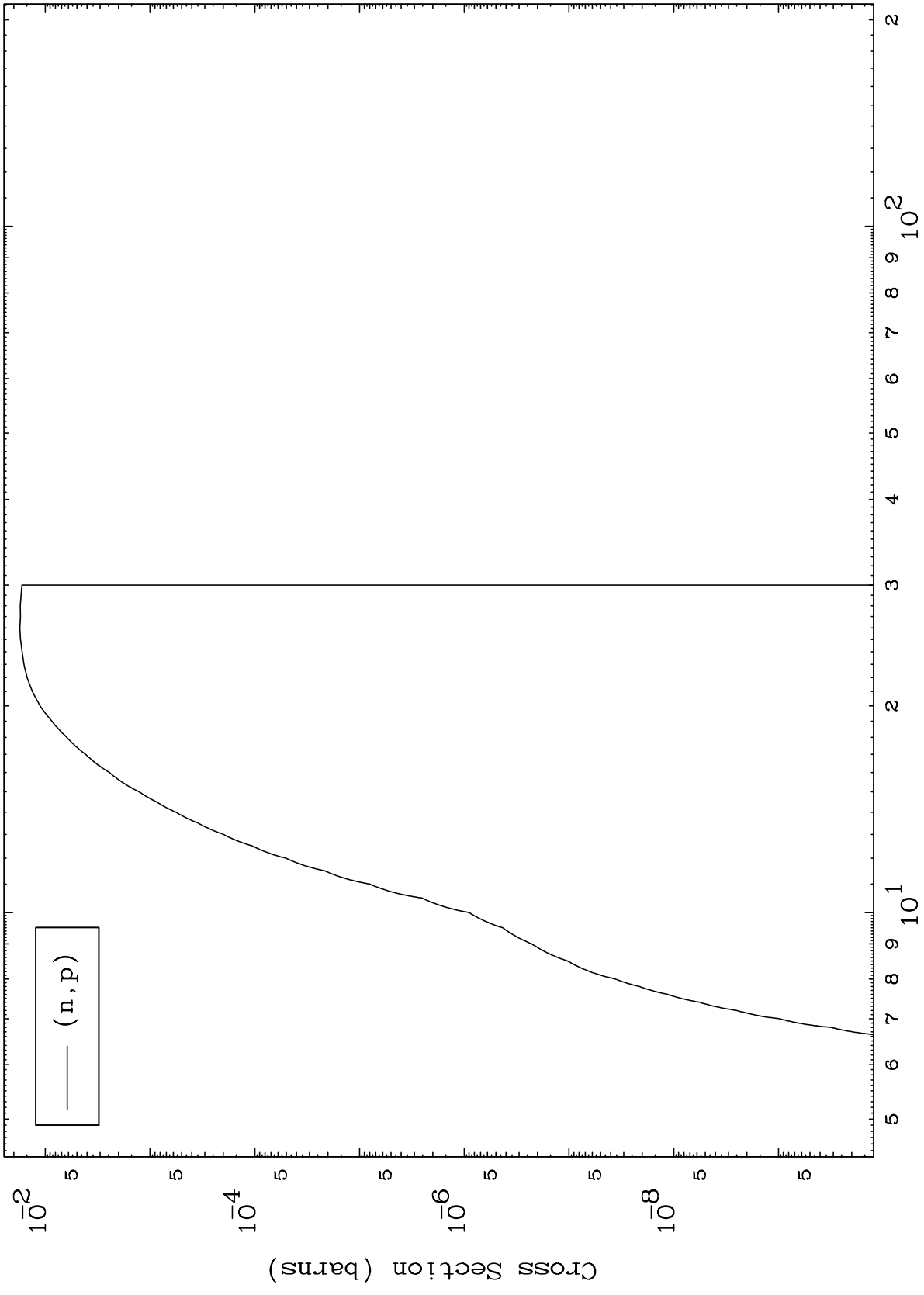
Incident Energy (MeV)

50-Sn-125

MAT 5065

(n,p) Levels
293 Kelvin Cross Sections

50-Sn-125



10

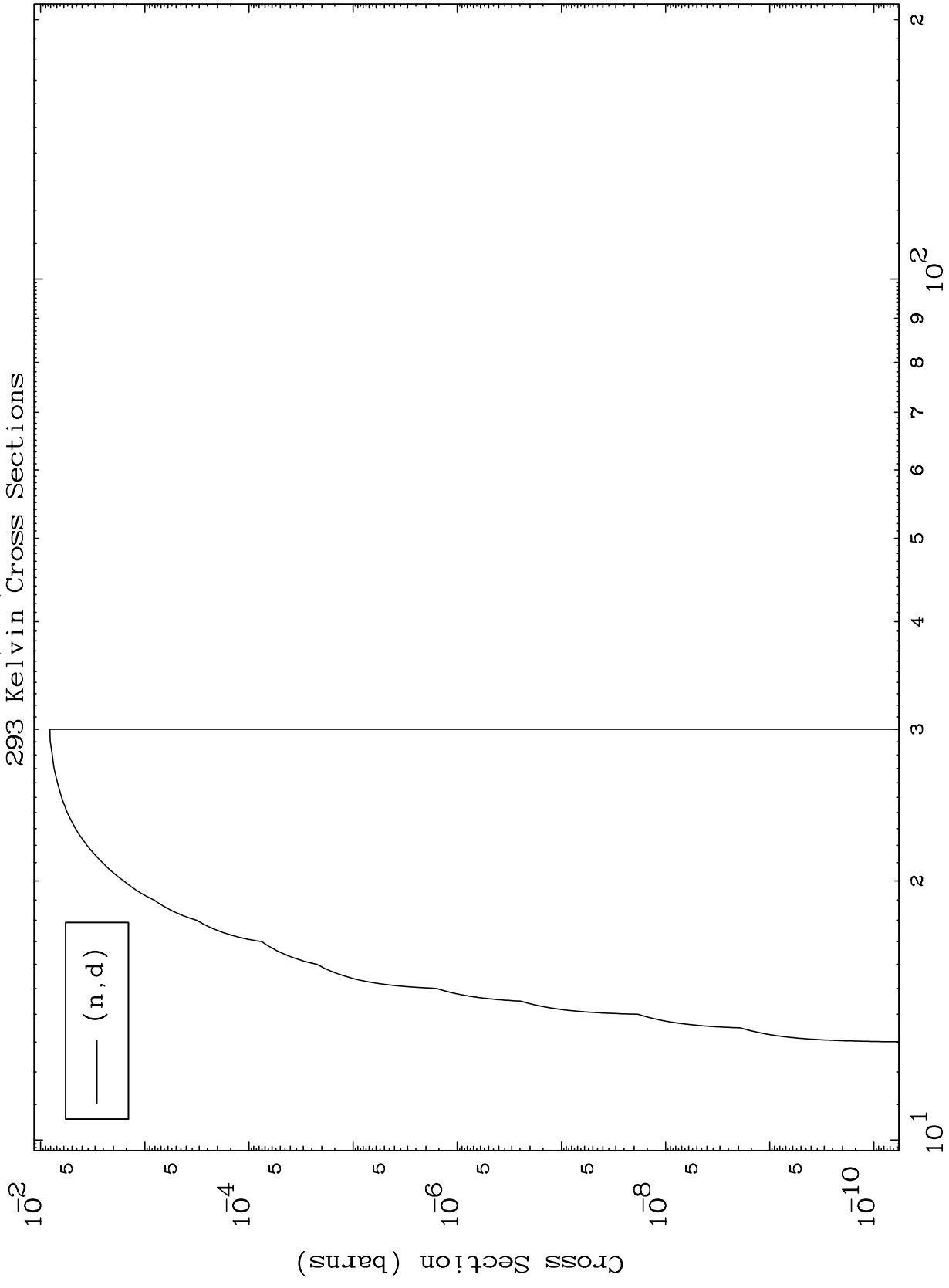
Incident Energy (MeV)

50-Sn-125

MAT 5065

(n,d) Levels
293 Kelvin Cross Sections

50-Sn-125



11

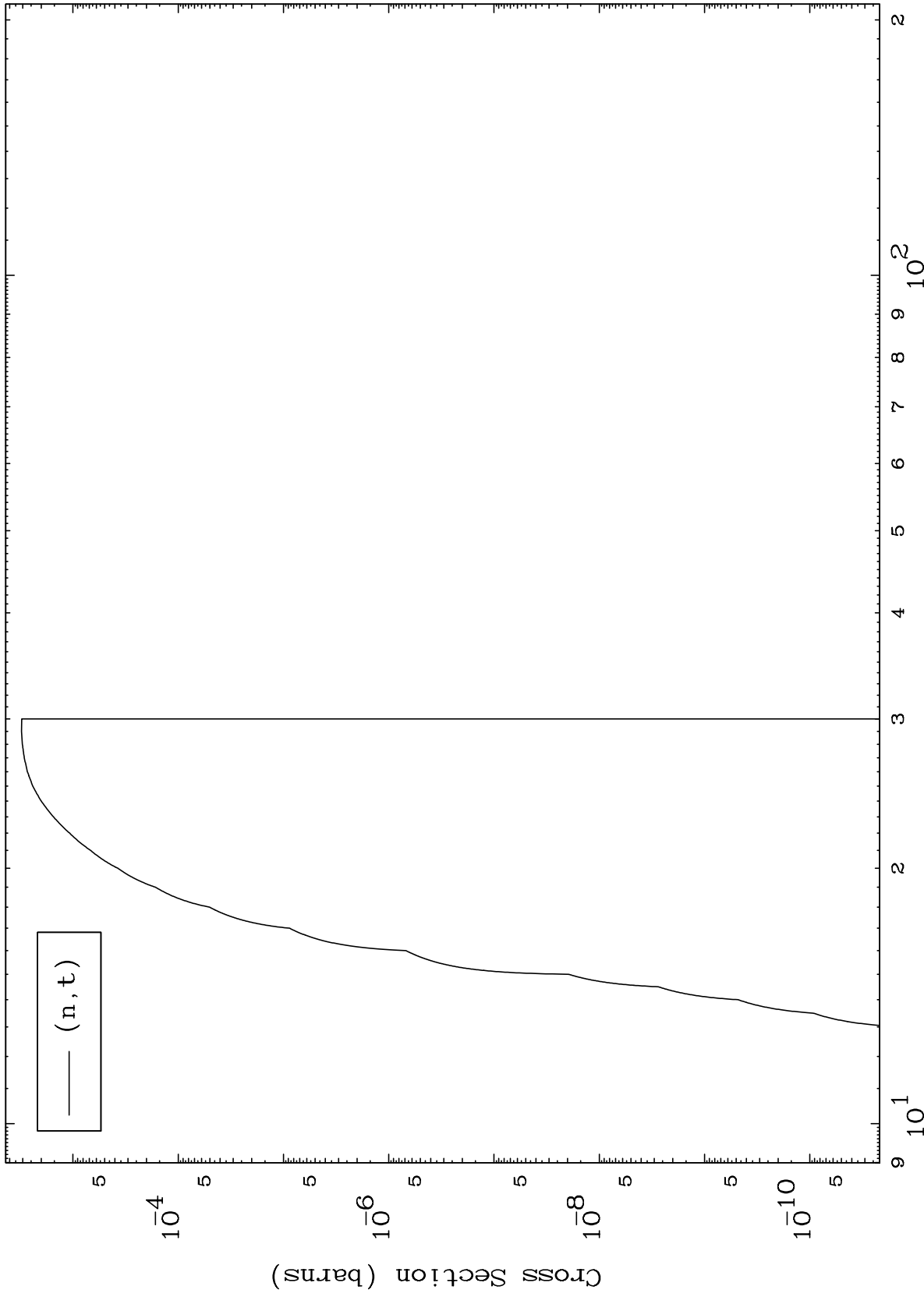
Incident Energy (MeV)

50-Sn-125

MAT 5065

(n,t) Levels
293 Kelvin Cross Sections

50-Sn-125



12

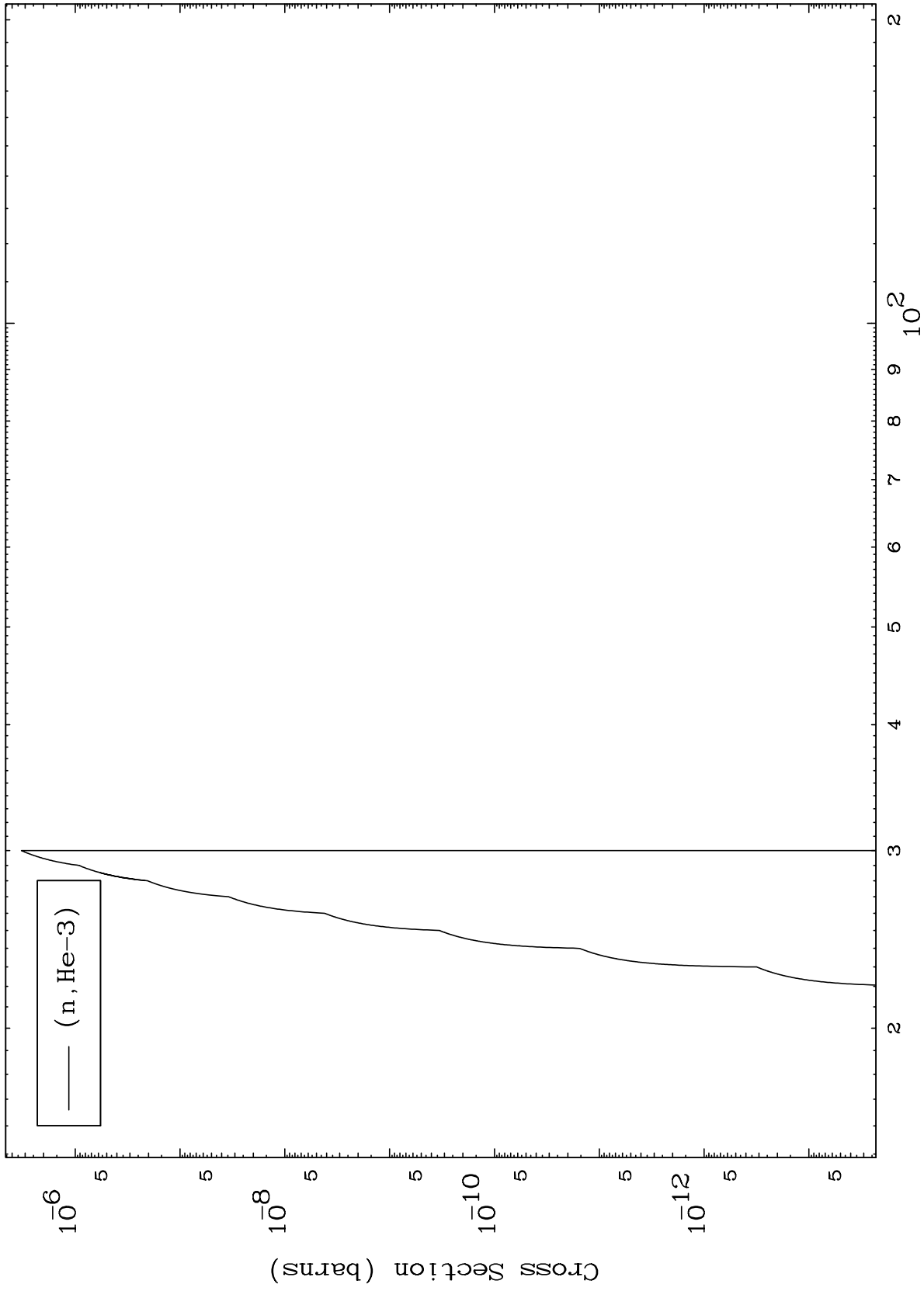
Incident Energy (MeV)

50-Sn-125

MAT 5065

(n,He3) Levels
293 Kelvin Cross Sections

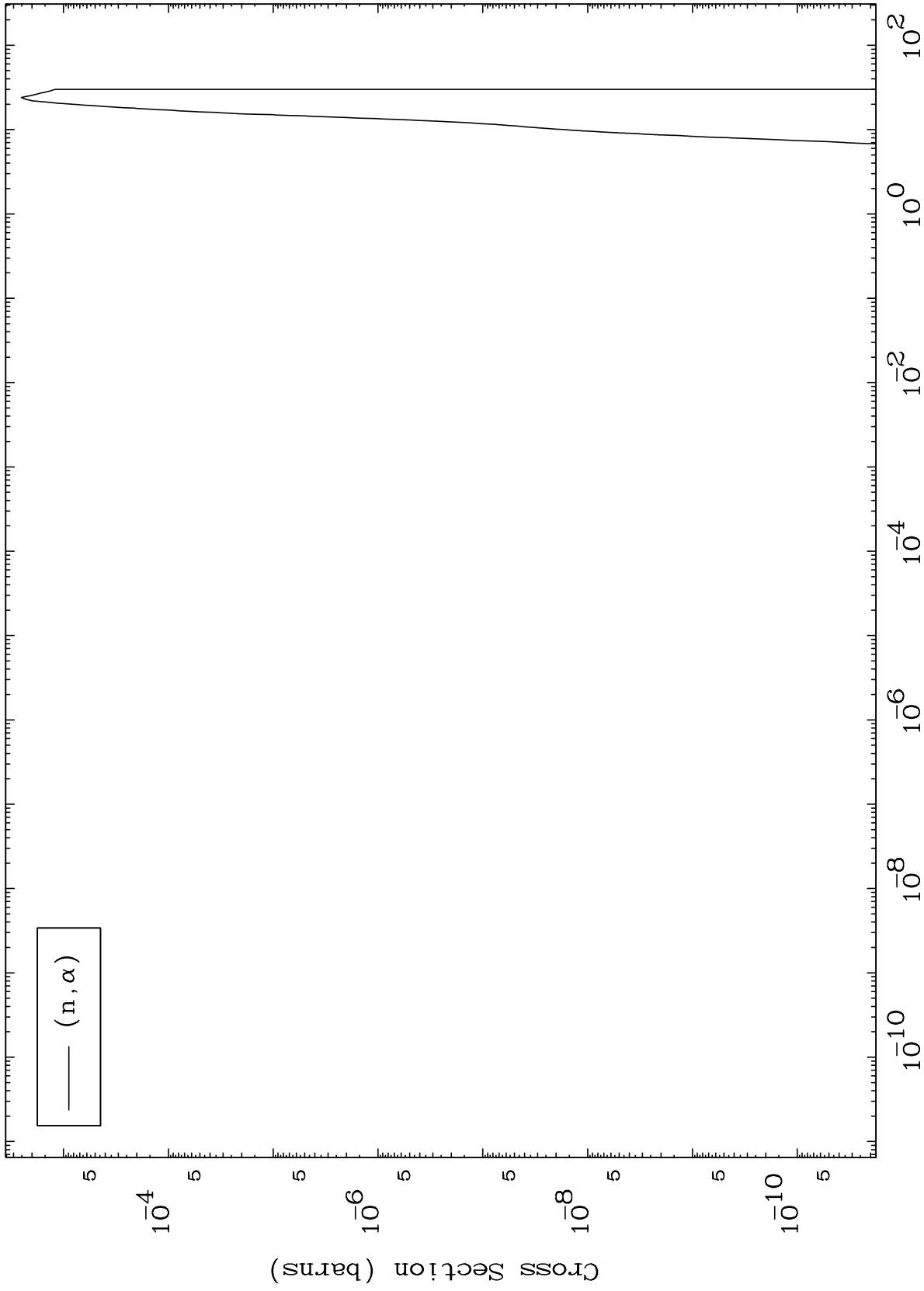
50-Sn-125



MAT 5065

(n,α) Levels
293 Kelvin Cross Sections

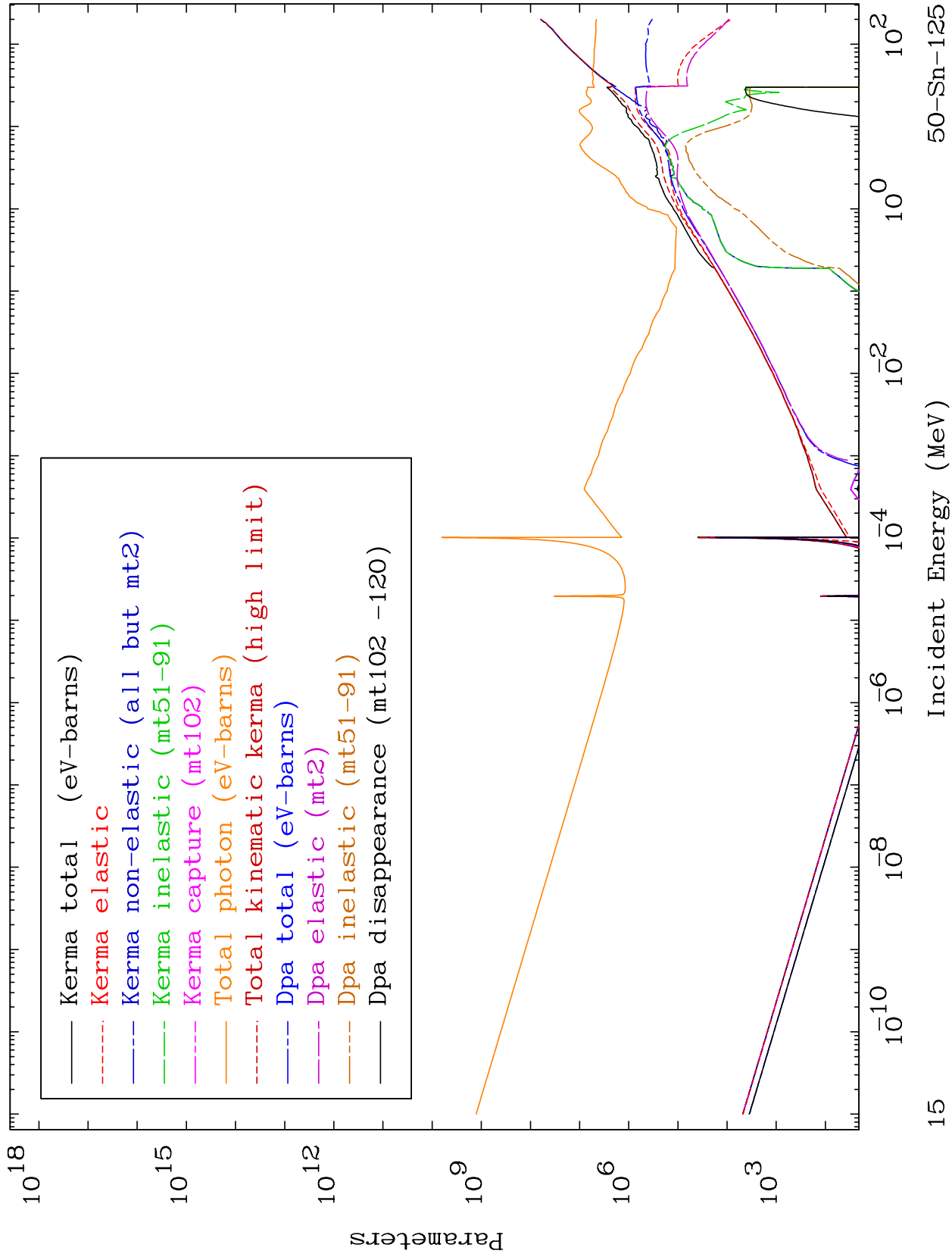
50-Sn-125

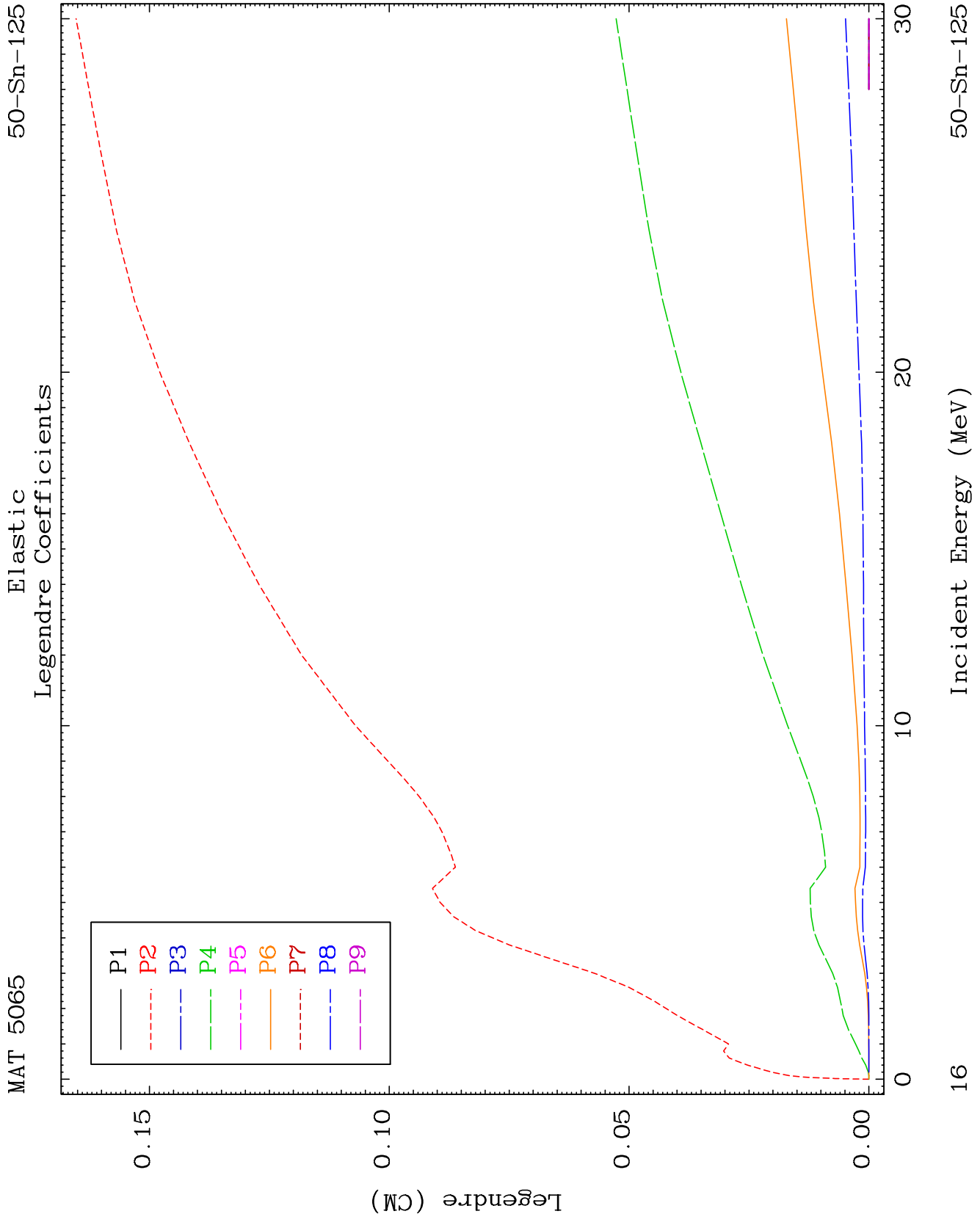


MAT 5065

Energy Release
Parameters

50-Sn-125

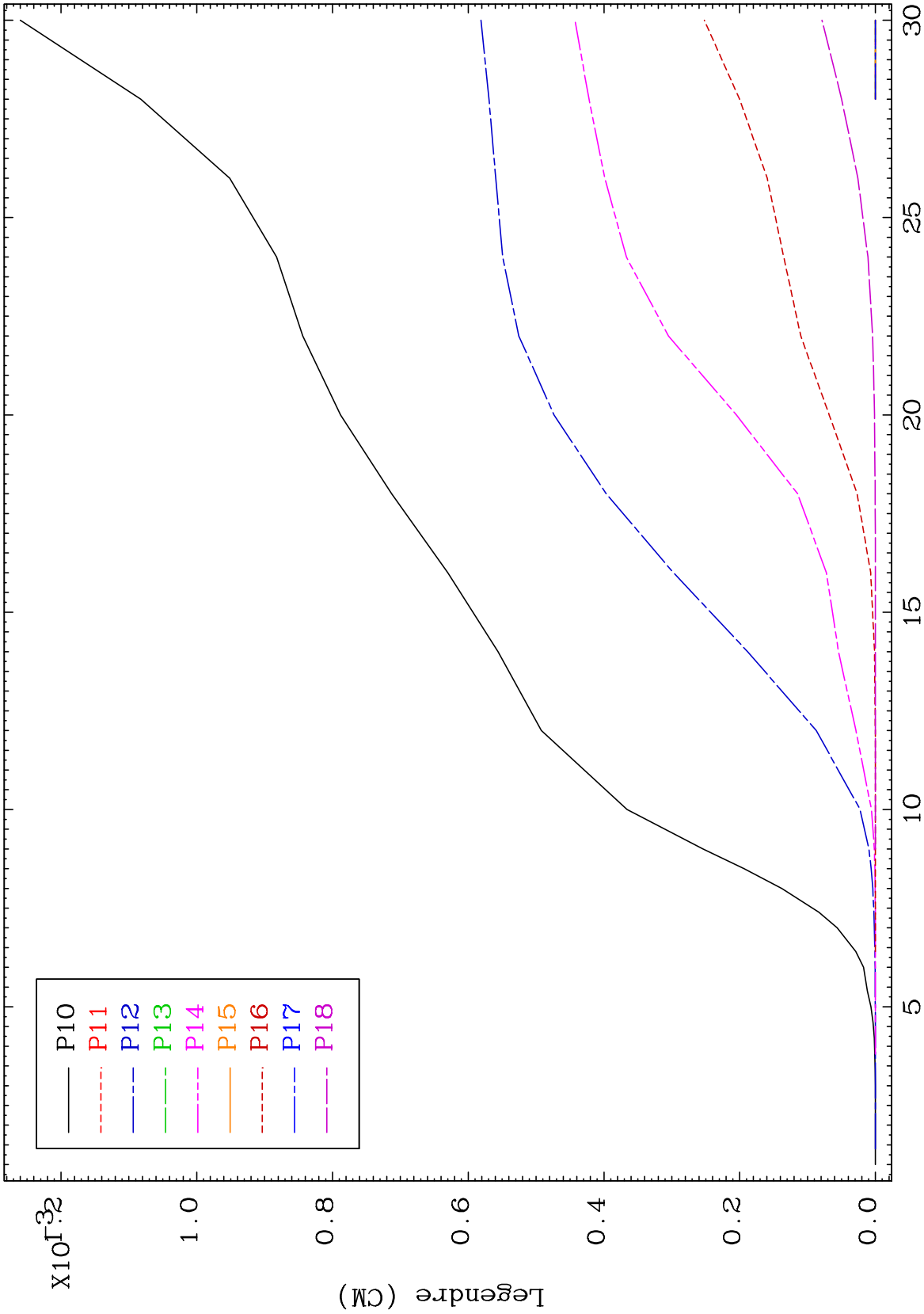




MAT 5065

Elastic Legendre Coefficients

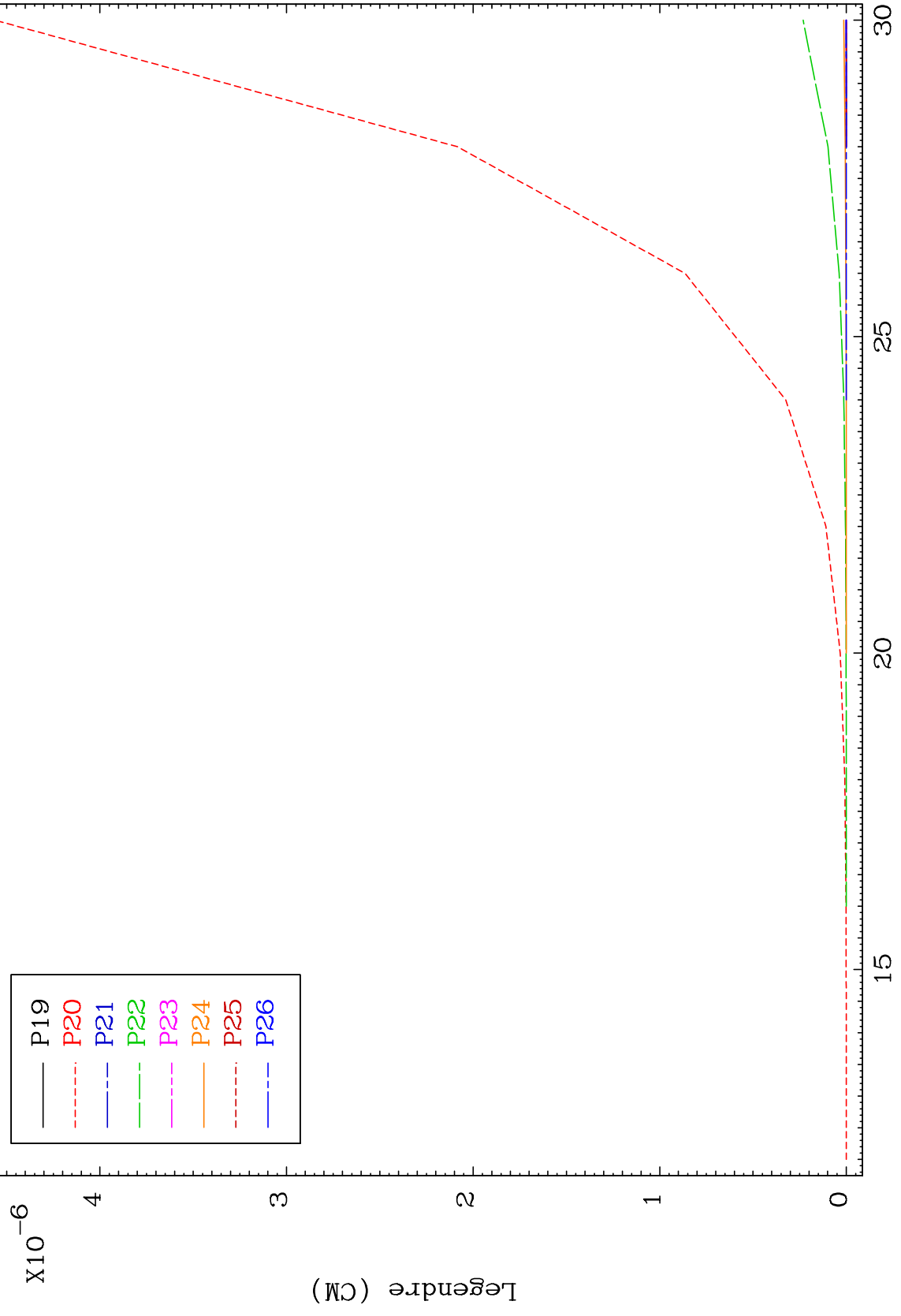
50-Sn-125



MAT 5065

Elastic Legendre Coefficients

50-Sn-125



18

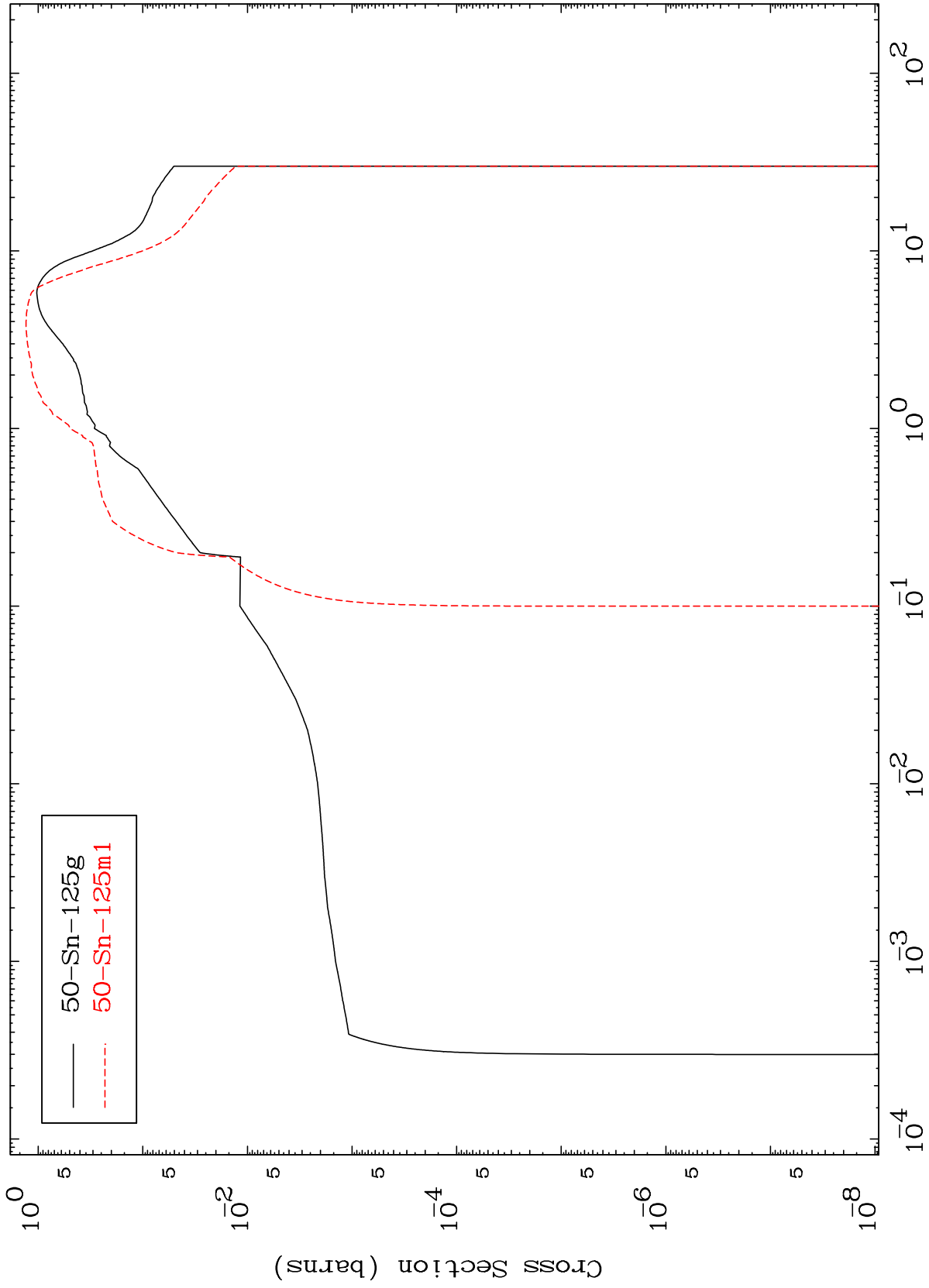
Incident Energy (MeV)

50-Sn-125

MAT 5065

50-Sn-125

Inelastic
Radionuclide Production Cross Section



19

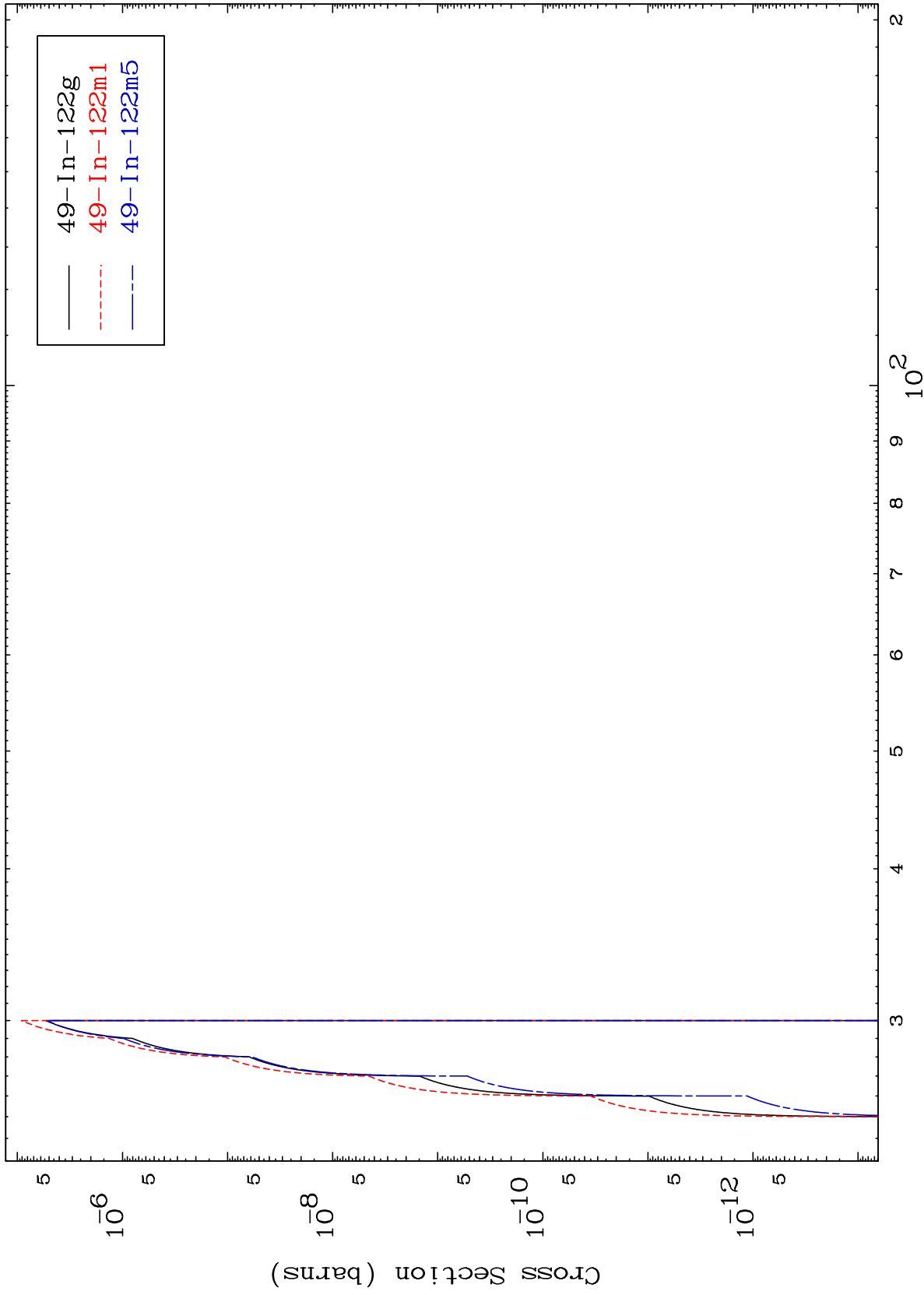
50-Sn-125

MAT 5065

(n,2n) d

50-Sn-125

Radionuclide Production Cross Section



20

Incident Energy (MeV)

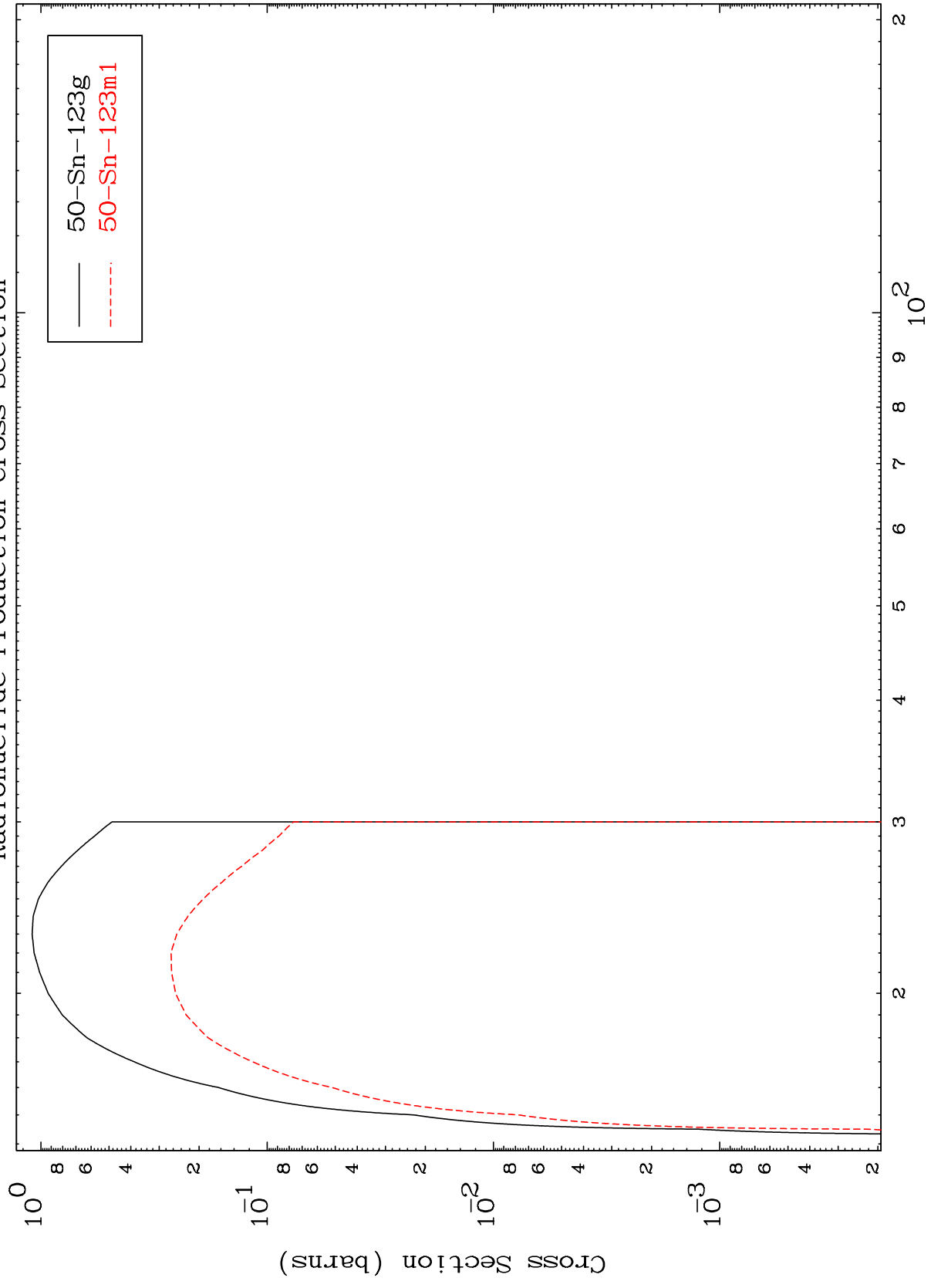
50-Sn-125

MAT 5065

(n,3n)

50-Sn-125

Radionuclide Production Cross Section



21

Incident Energy (MeV)

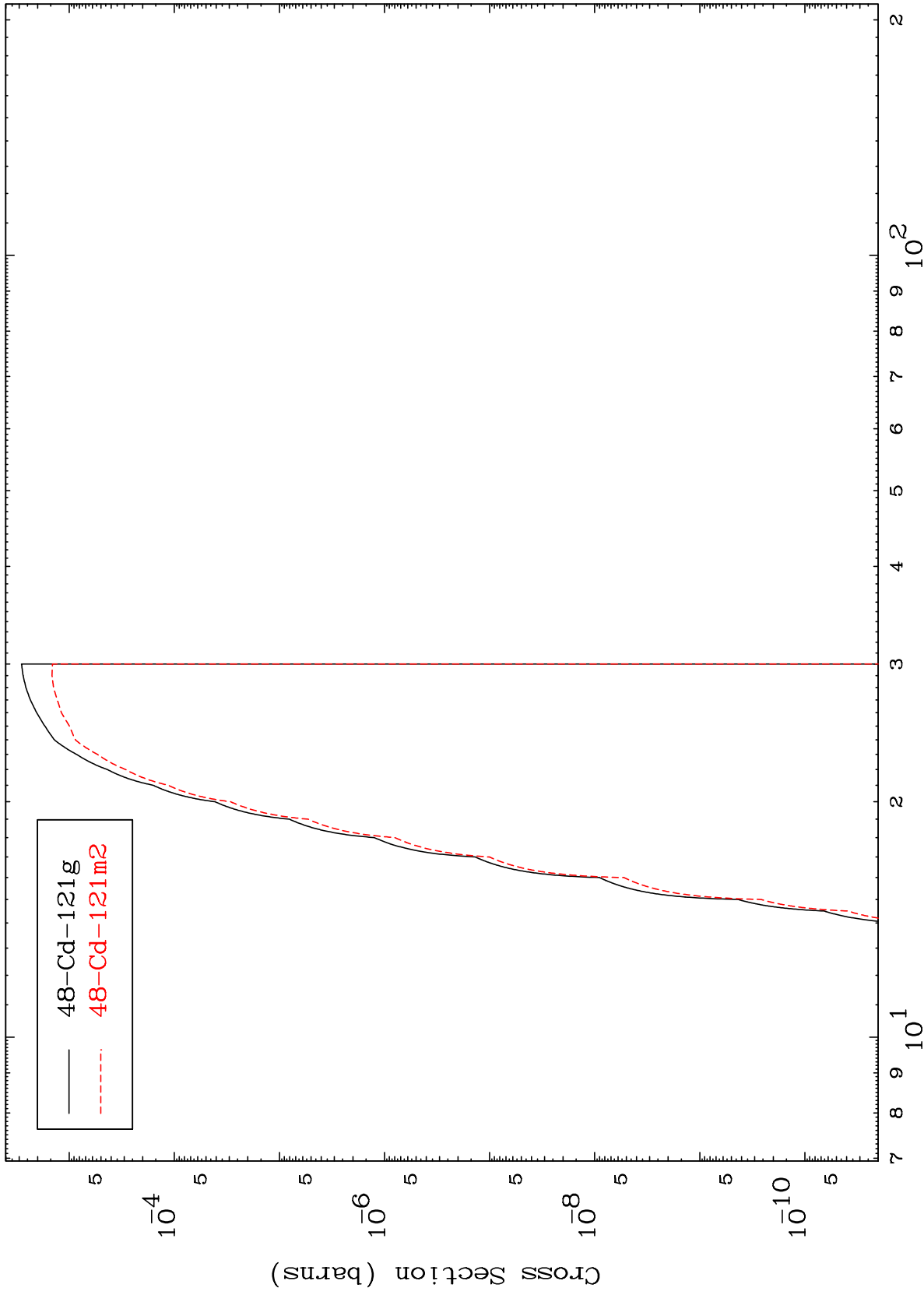
50-Sn-125

MAT 5065

(n,n') α

50-Sn-125

Radionuclide Production Cross Section



22

Incident Energy (MeV)

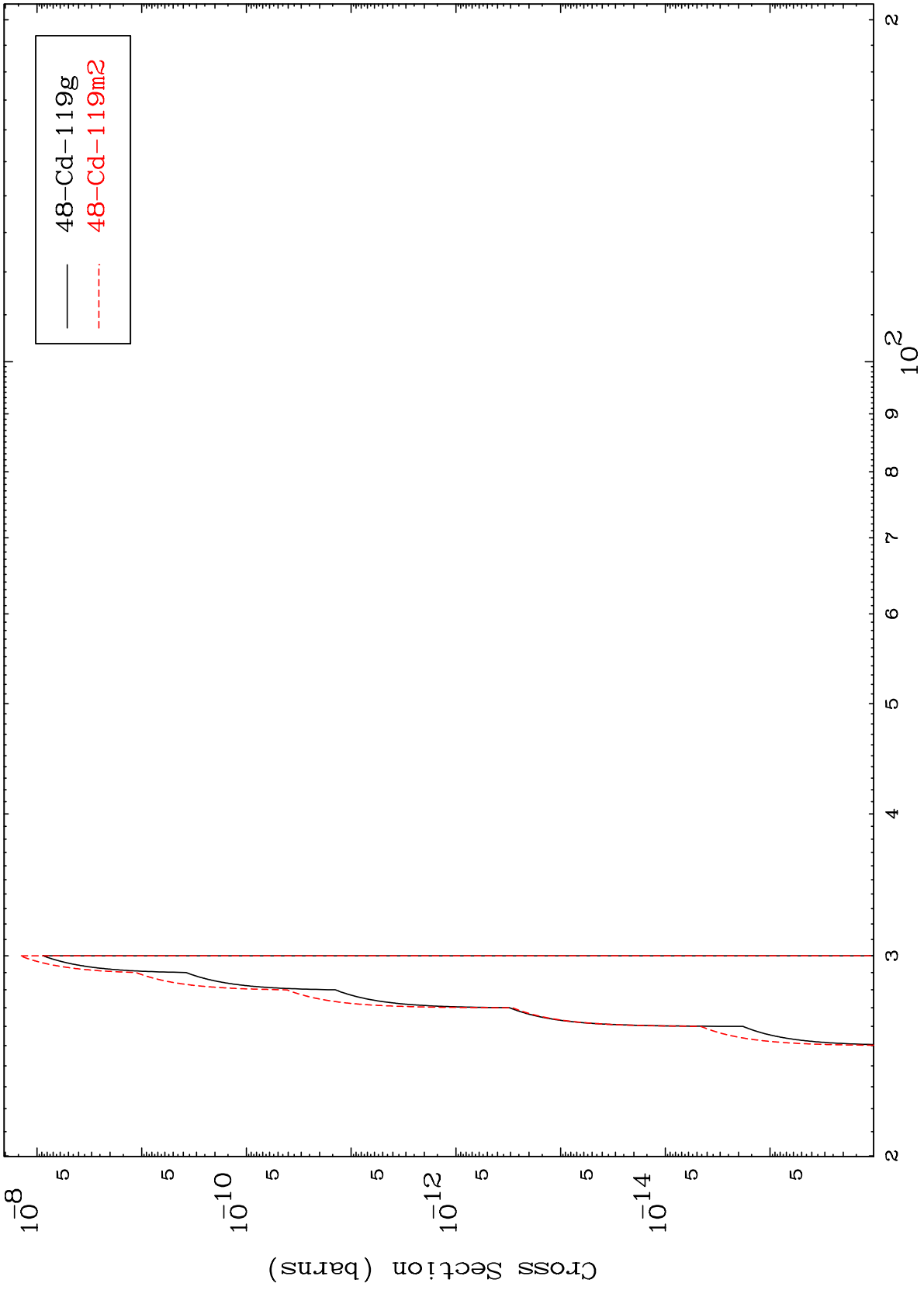
50-Sn-125

MAT 5065

(n,3n) α

50-Sn-125

Radionuclide Production Cross Section



23

Incident Energy (MeV)

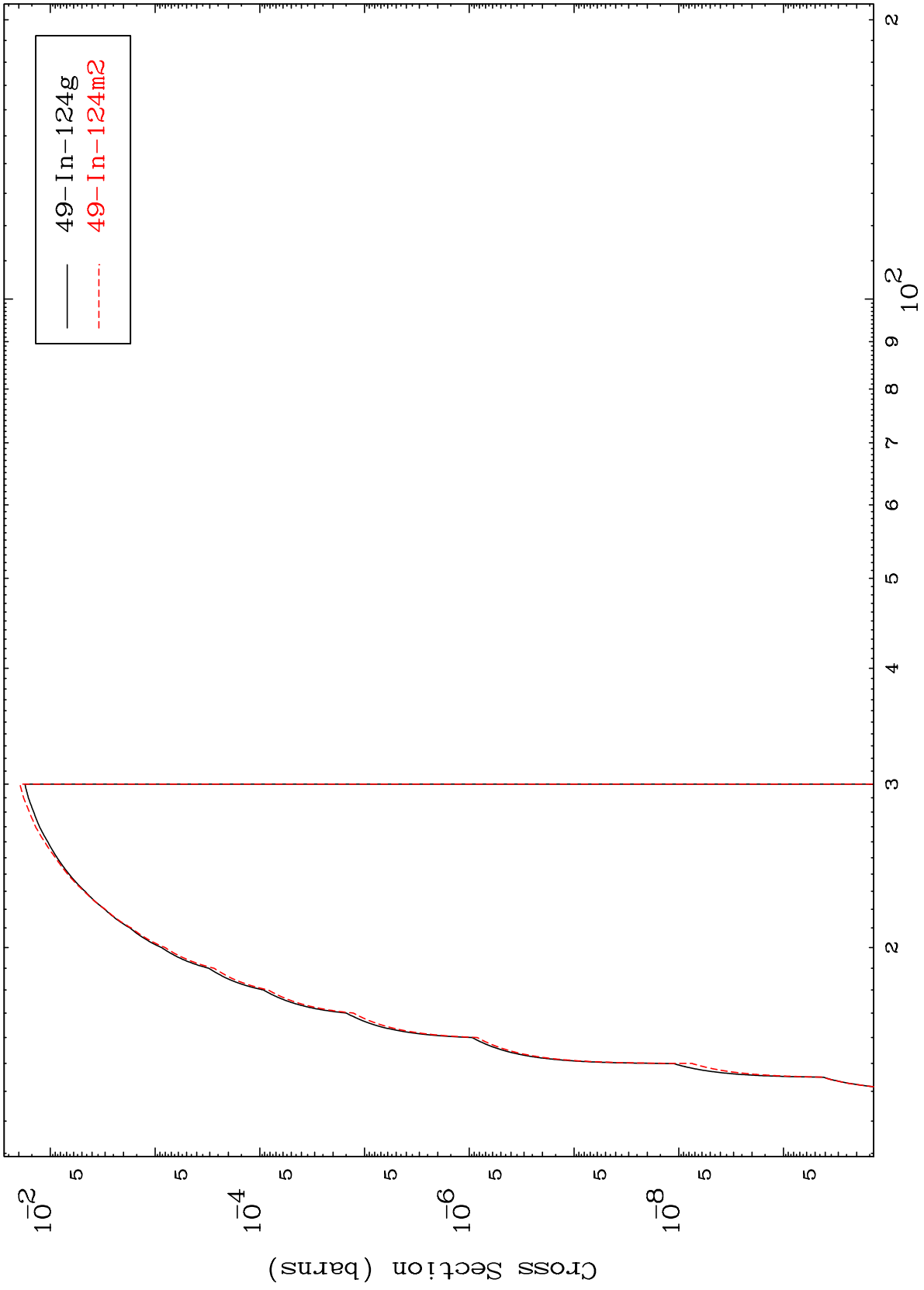
50-Sn-125

MAT 5065

(n,n') p

50-Sn-125

Radionuclide Production Cross Section



24

Incident Energy (MeV)

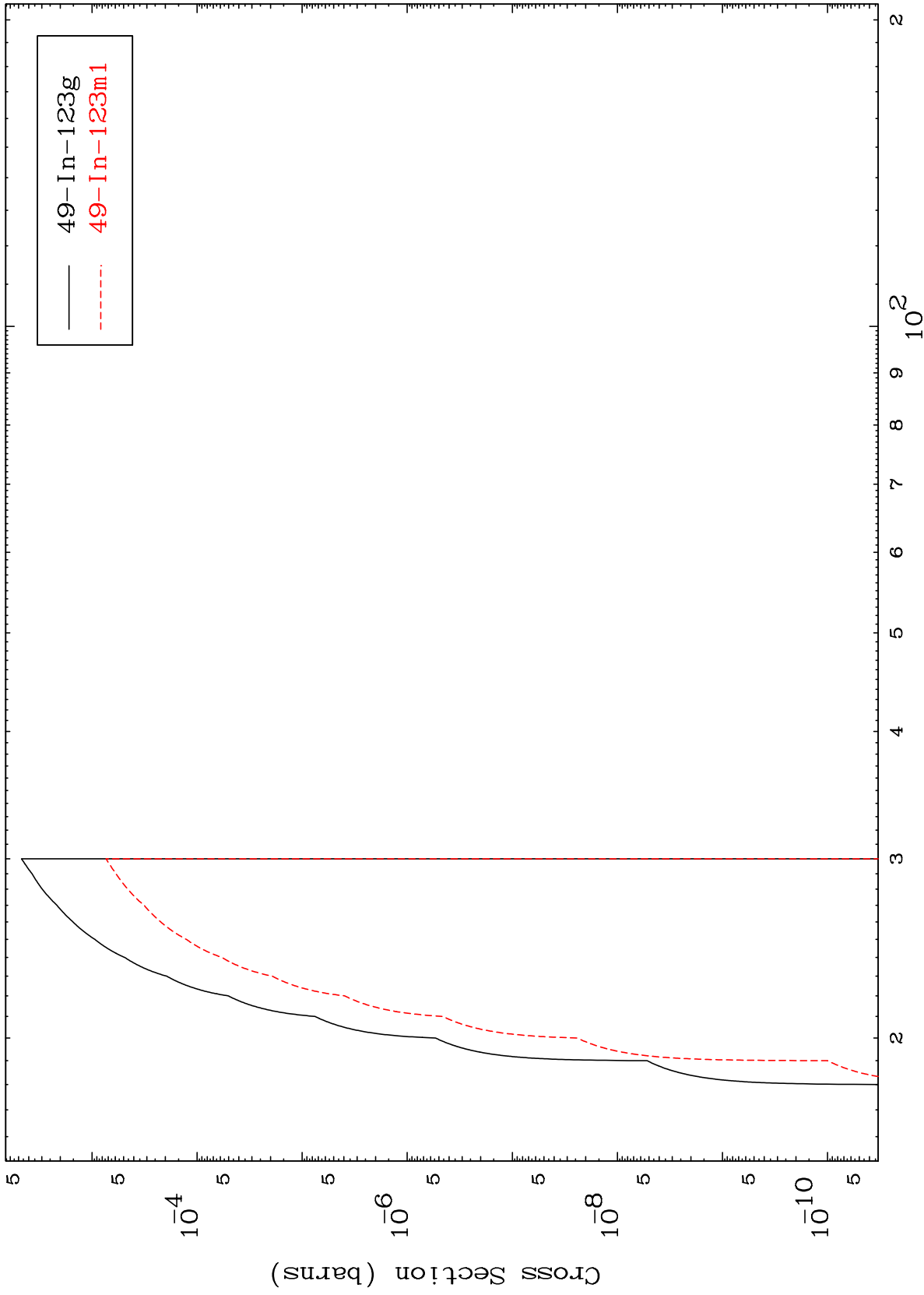
50-Sn-125

MAT 5065

(n,n') d

50-Sn-125

Radionuclide Production Cross Section



25

Incident Energy (MeV)

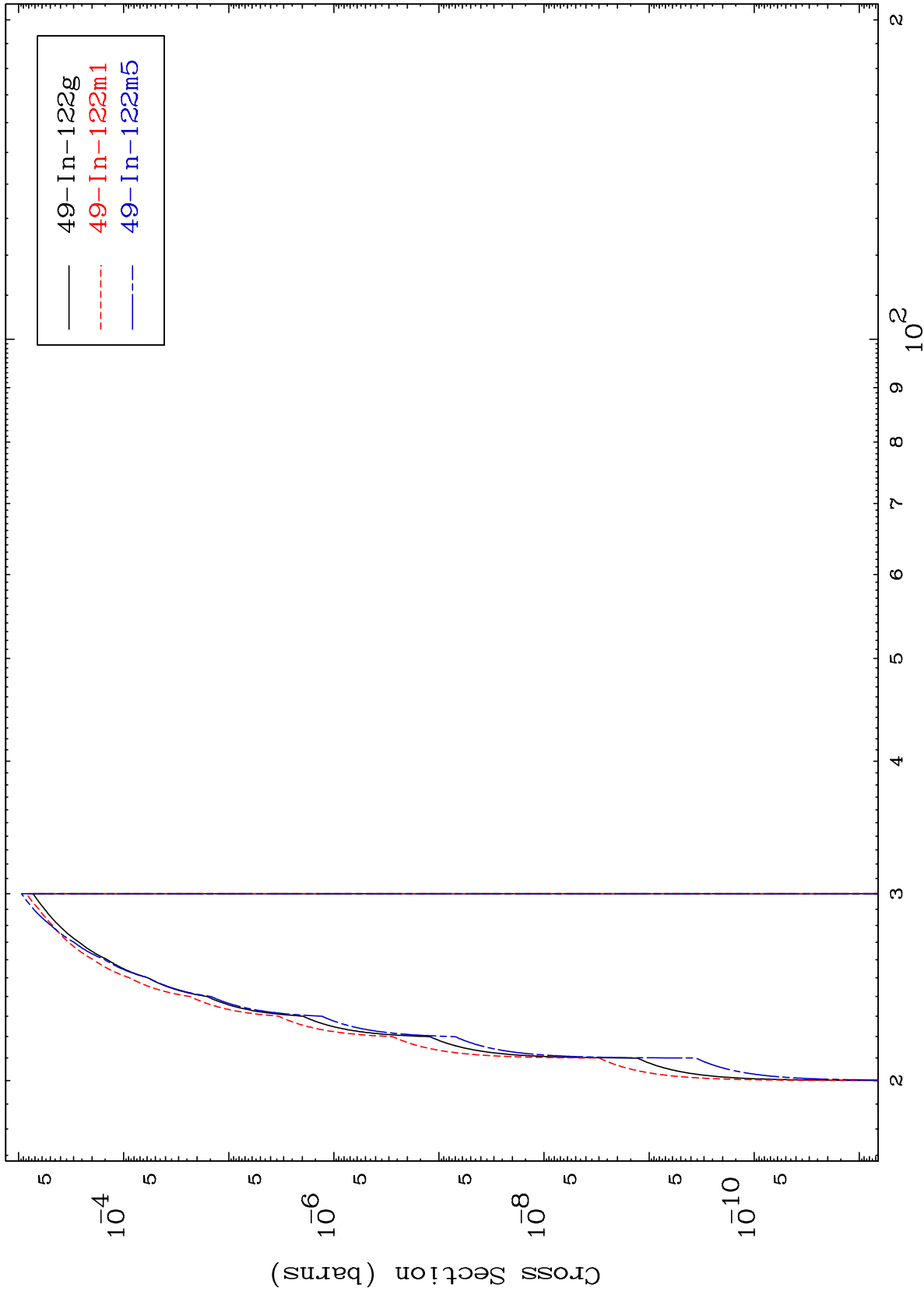
50-Sn-125

MAT 5065

(n,n') t

50-Sn-125

Radionuclide Production Cross Section



26

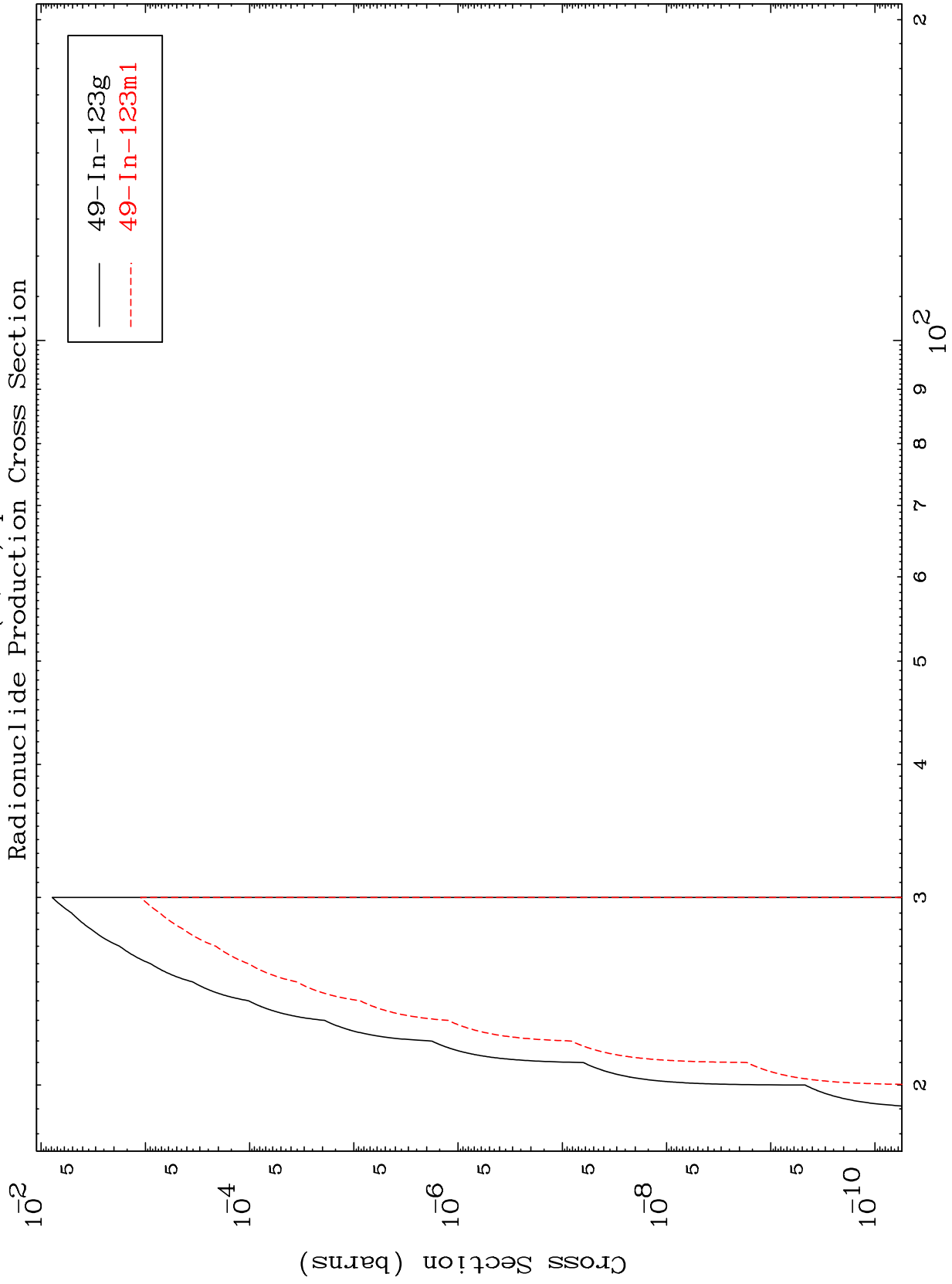
Incident Energy (MeV)

50-Sn-125

MAT 5065

(n,2n) p

50-Sn-125



27

Incident Energy (MeV)

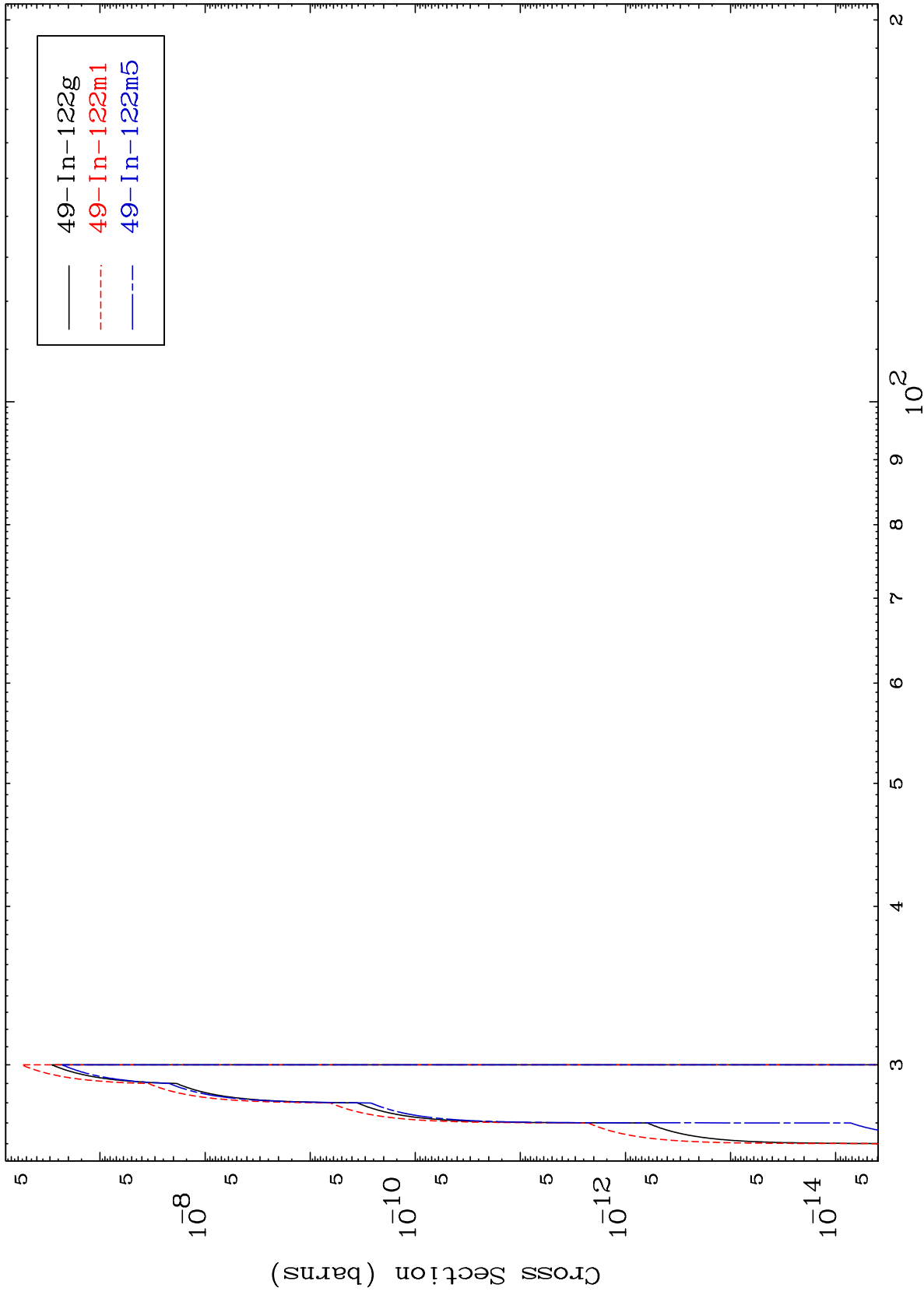
50-Sn-125

MAT 5065

(n,3n) p

50-Sn-125

Radionuclide Production Cross Section



28

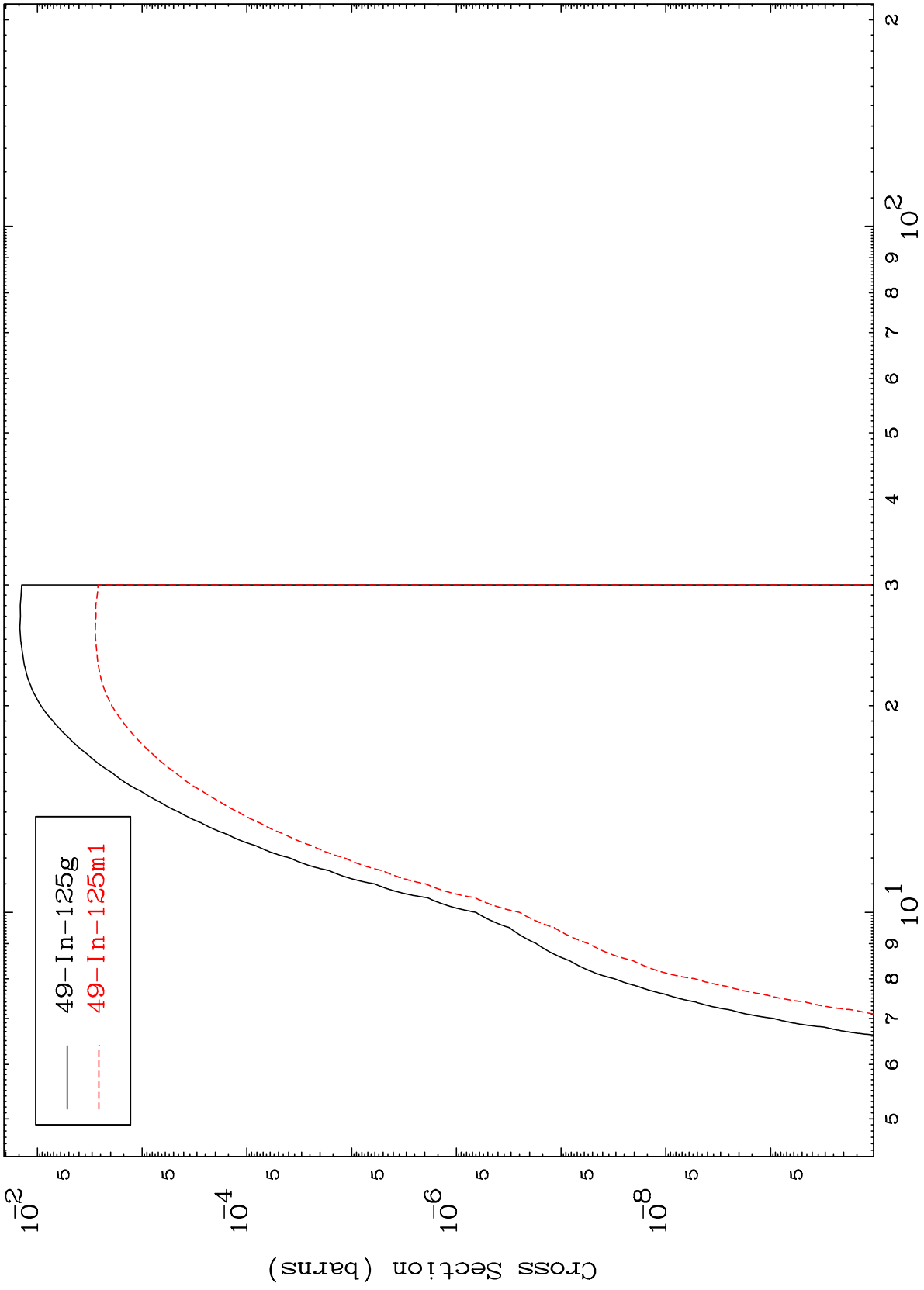
Incident Energy (MeV)

50-Sn-125

MAT 5065

Radionuclide Production Cross Section
(n,p)

50-Sn-125



29

Incident Energy (MeV)

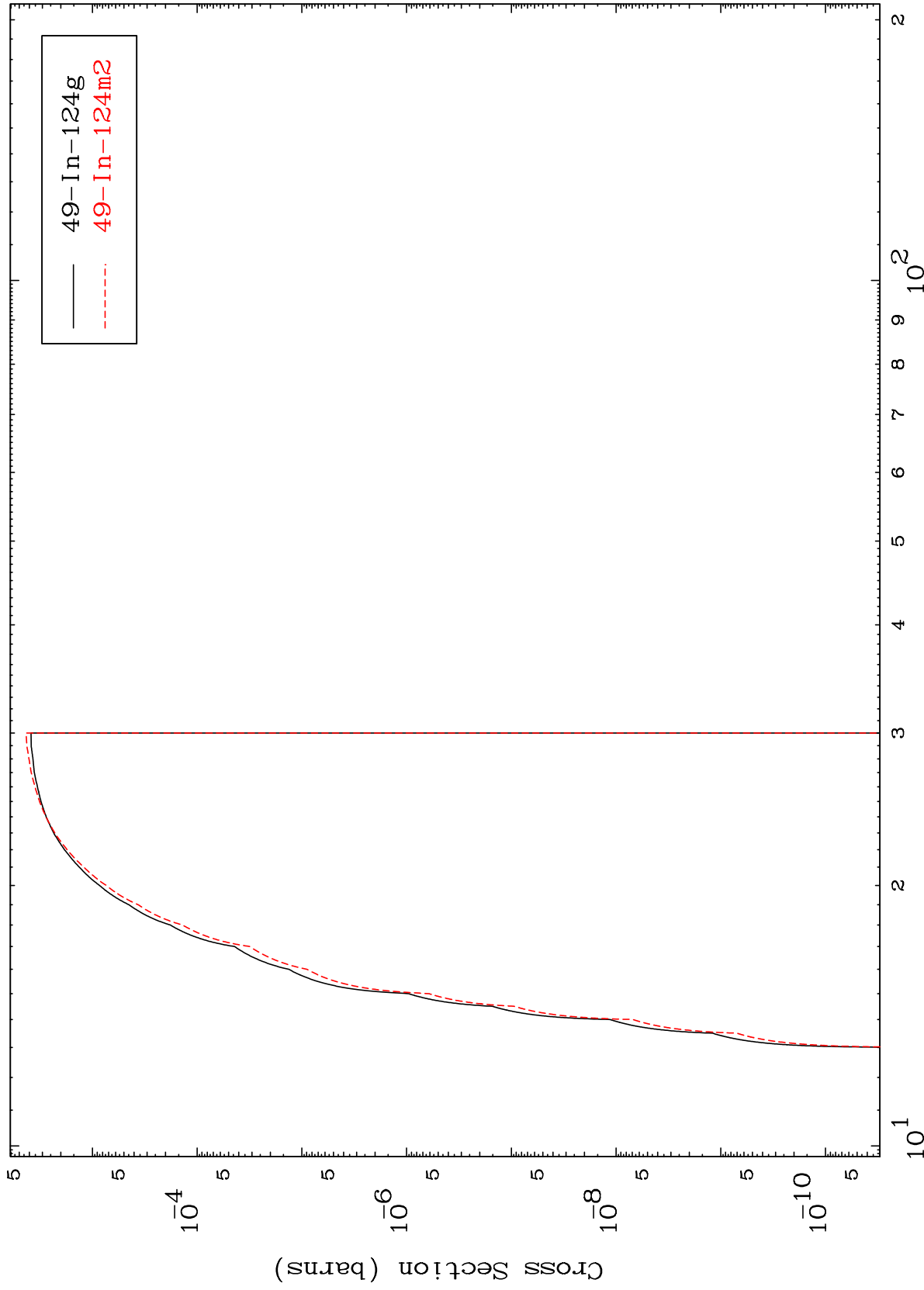
50-Sn-125

MAT 5065

(n,d)

50-Sn-125

Radionuclide Production Cross Section



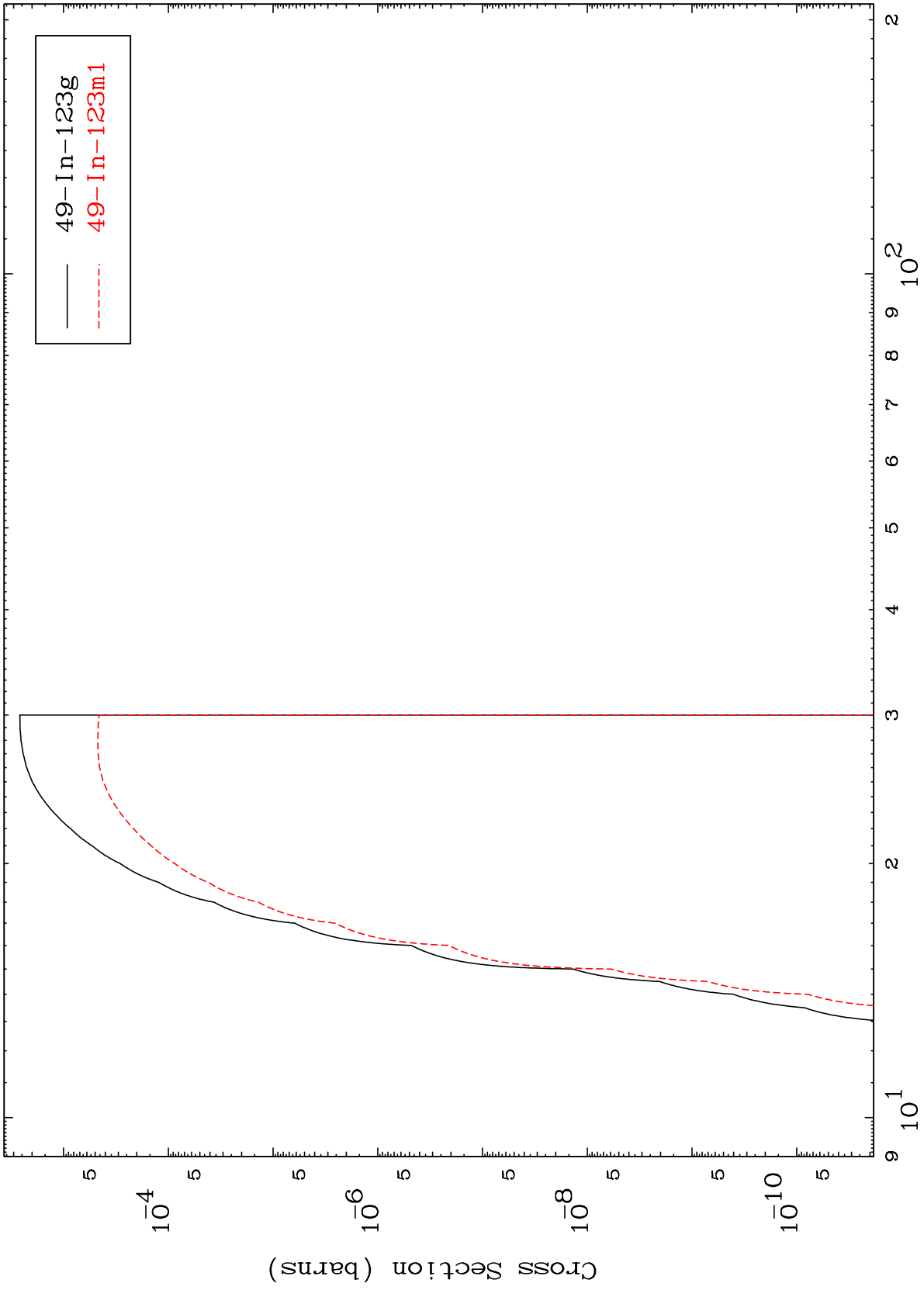
Incident Energy (MeV)

50-Sn-125

MAT 5065

50-Sn-125

(n, t)
Radionuclide Production Cross Section



31

Incident Energy (MeV)

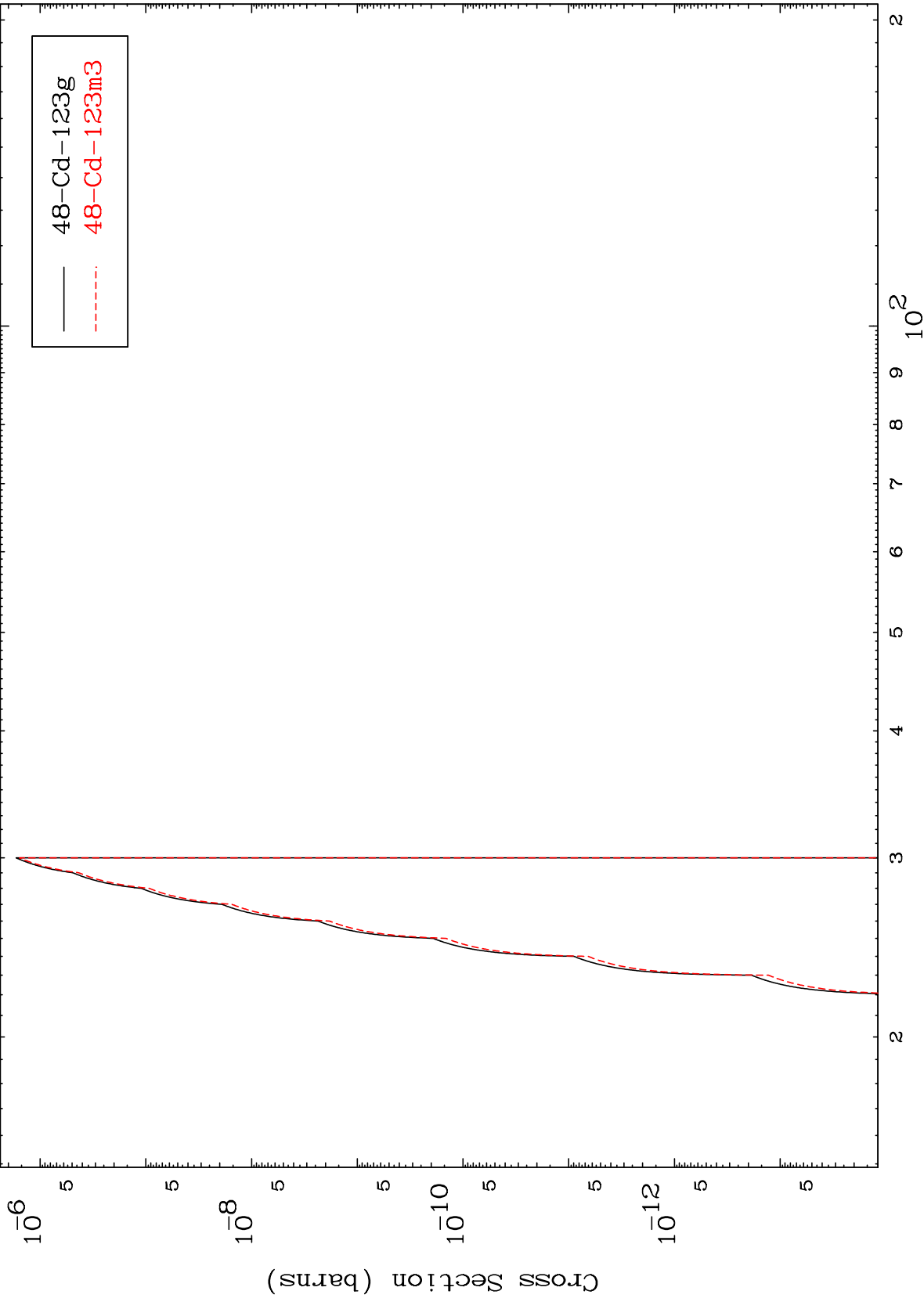
50-Sn-125

MAT 5065

(n,He-3)

50-Sn-125

Radionuclide Production Cross Section



32

Incident Energy (MeV)

50-Sn-125