

Program EVALPLOT
(Version 2021-1)

by

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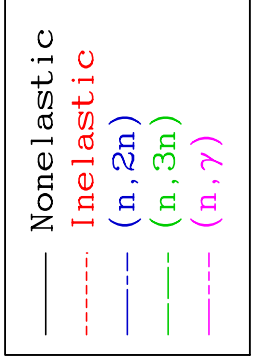
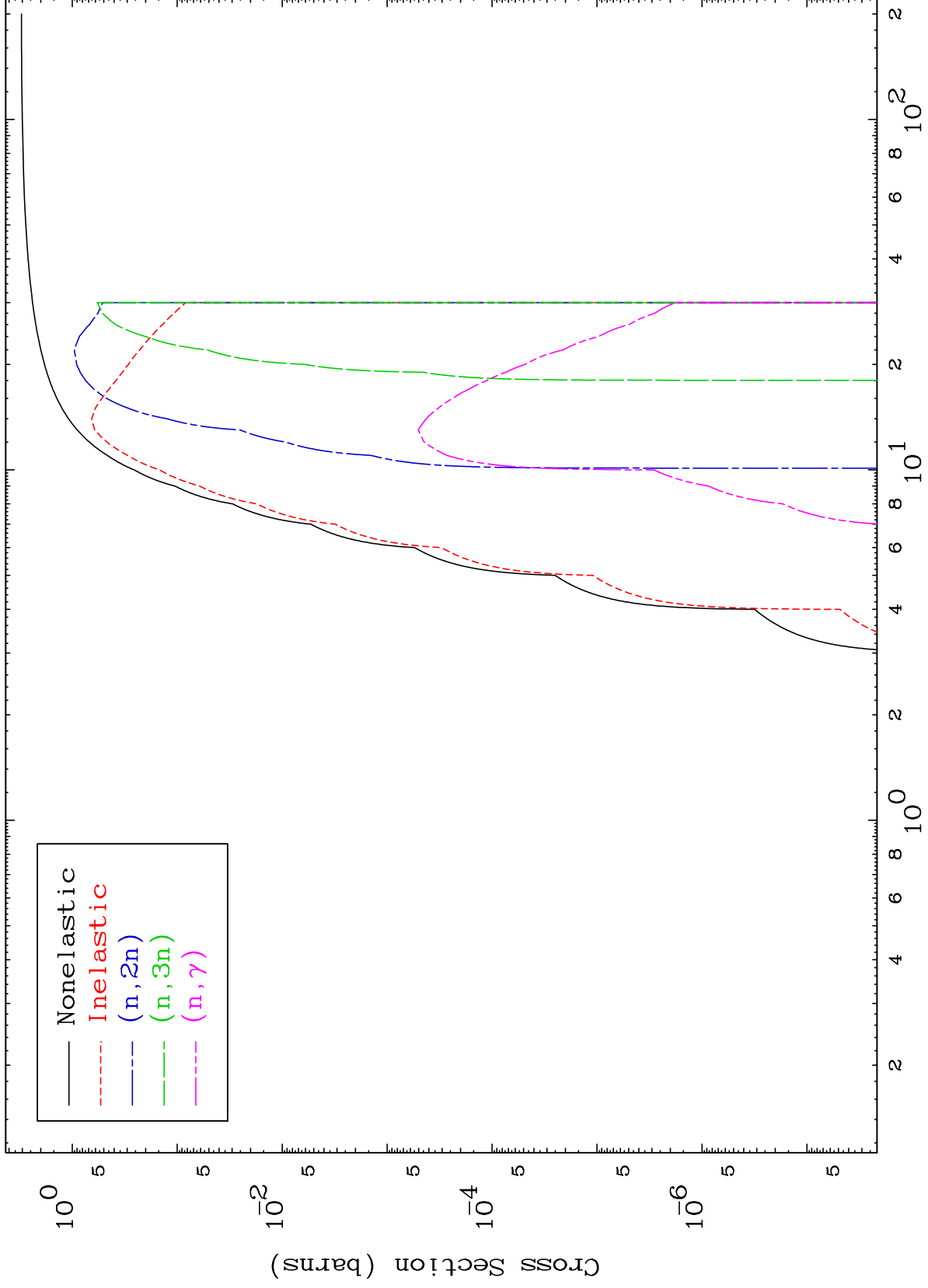
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8007

Deuteron Major
0 Kelvin Cross Sections

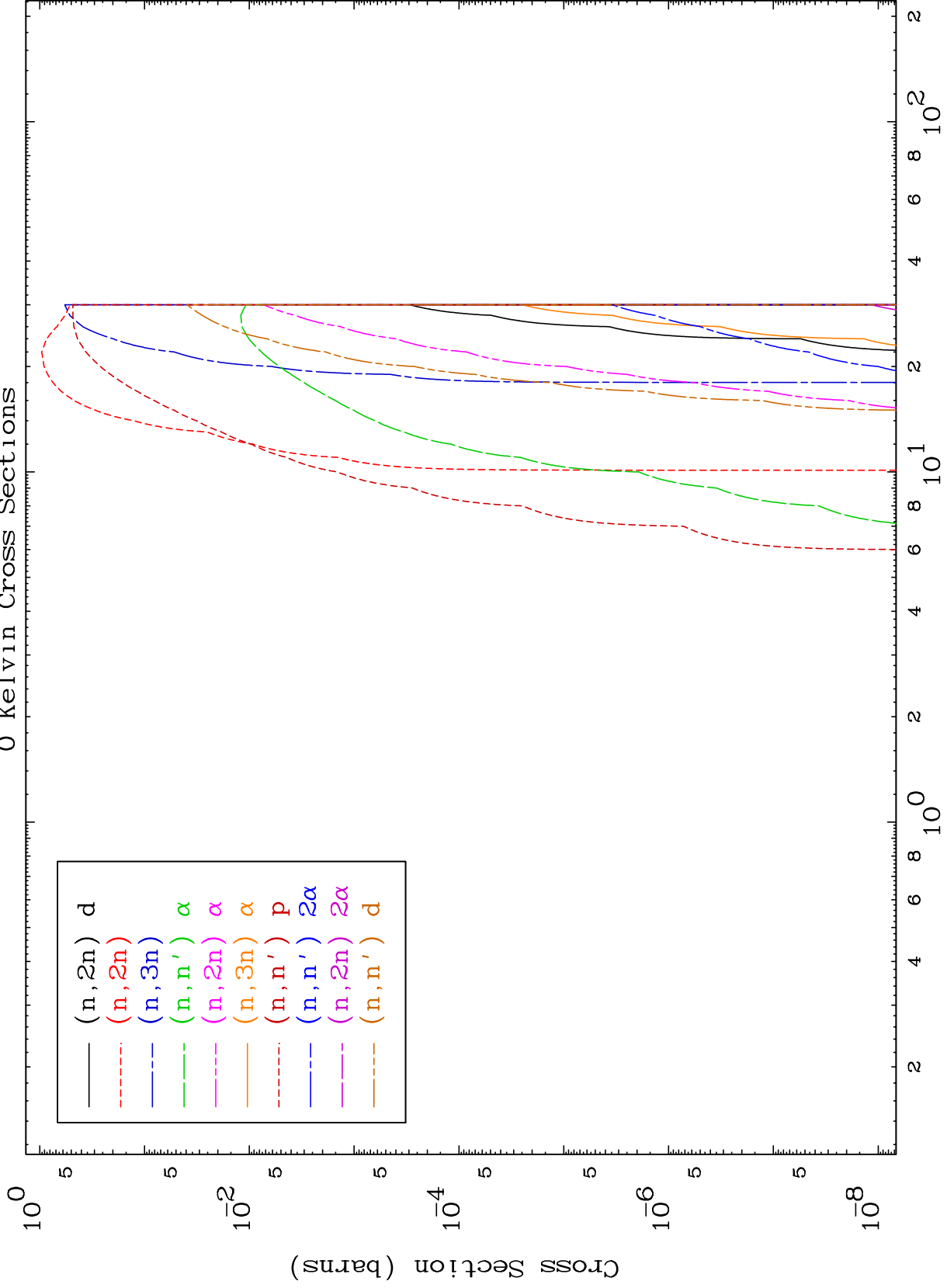
80-Hg-190

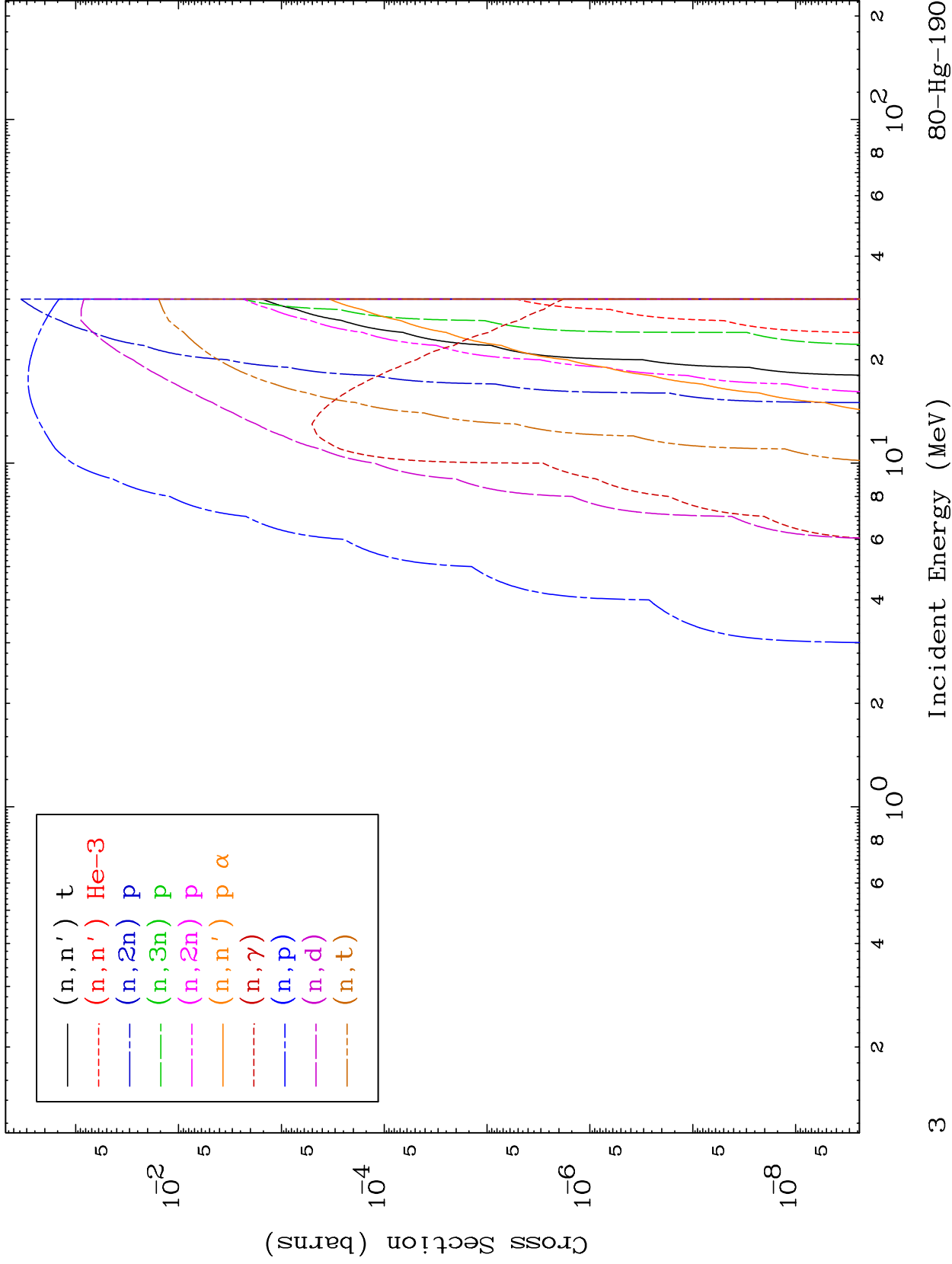


MAT 8007

Deuteron Neutron Absorption
0 Kelvin Cross Sections

80-Hg-190

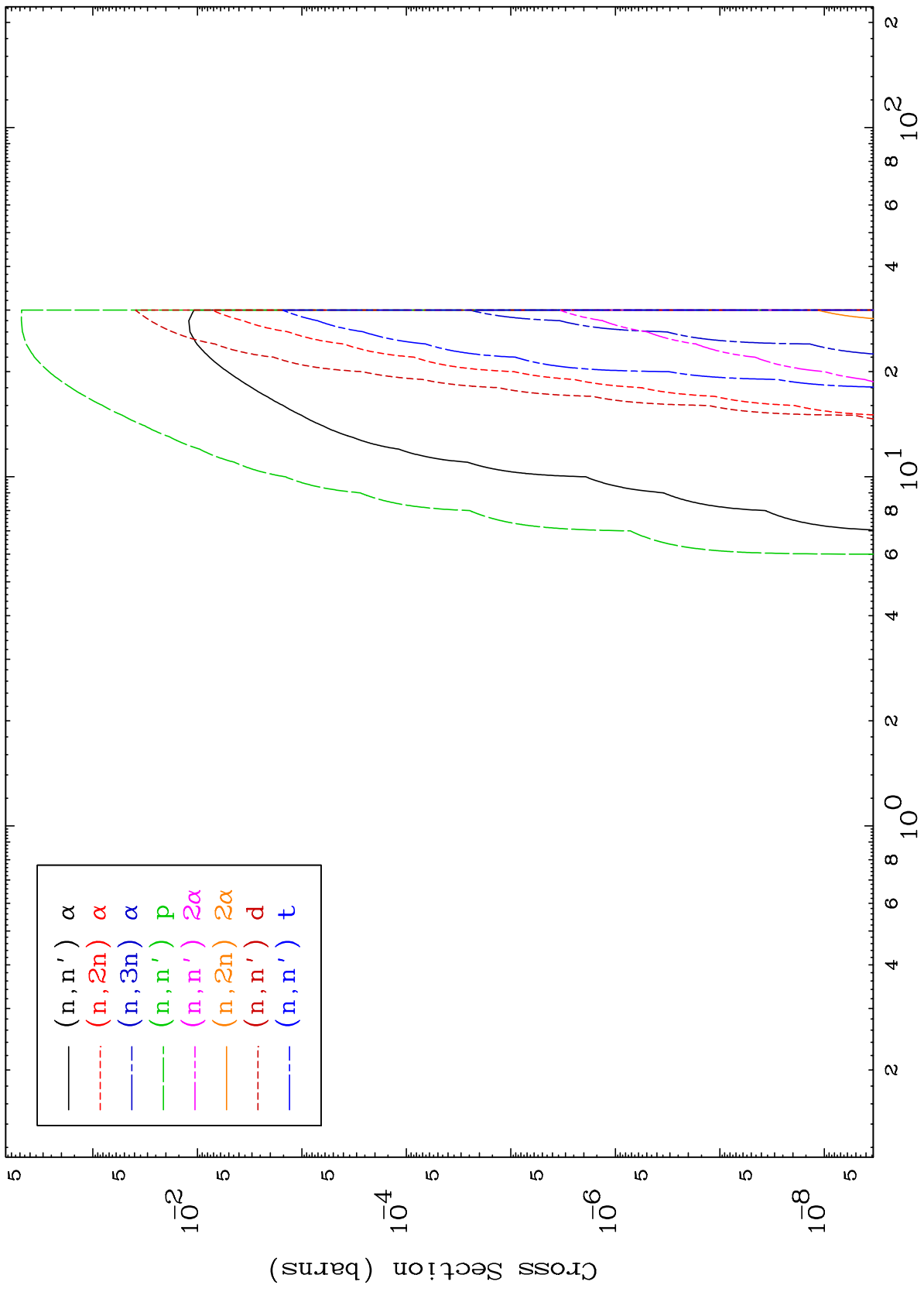




MAT 8007

Deuteron Charged Particle
0 Kelvin Cross Sections

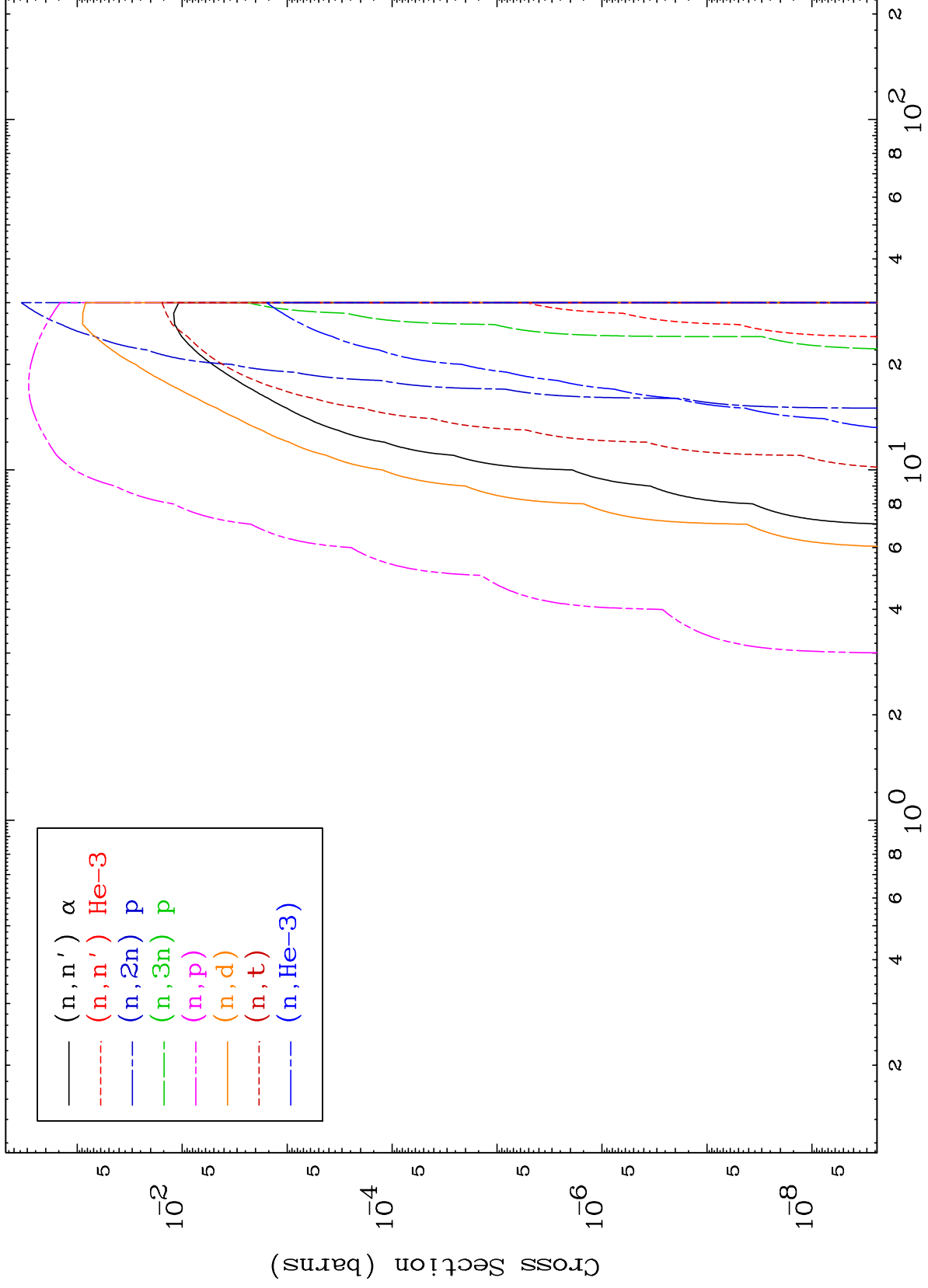
80-Hg-190



MAT 8007

Deuteron Charged Particle
0 Kelvin Cross Sections

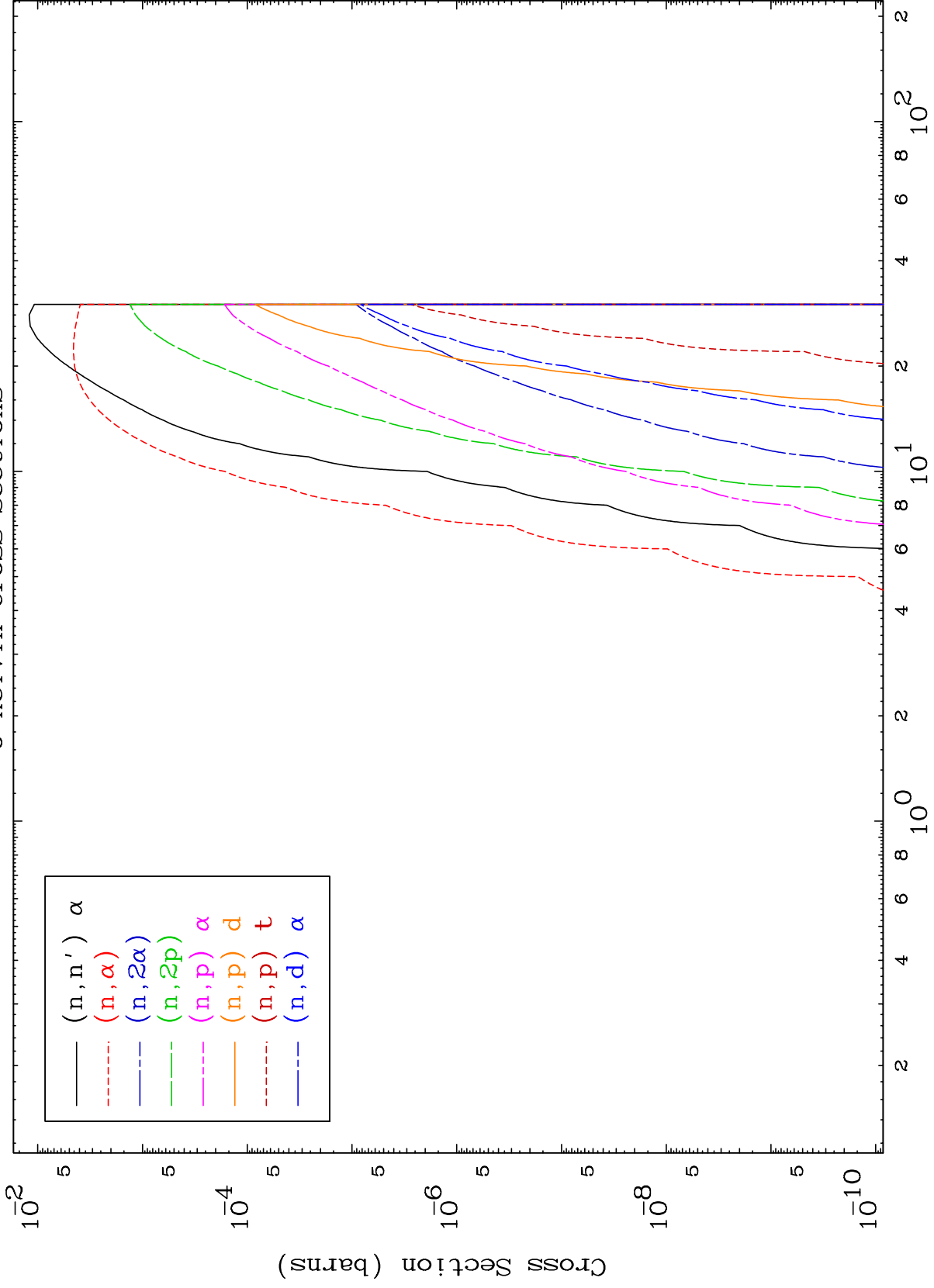
80-Hg-190



MAT 8007

Deuteron Charged Particle
0 Kelvin Cross Sections

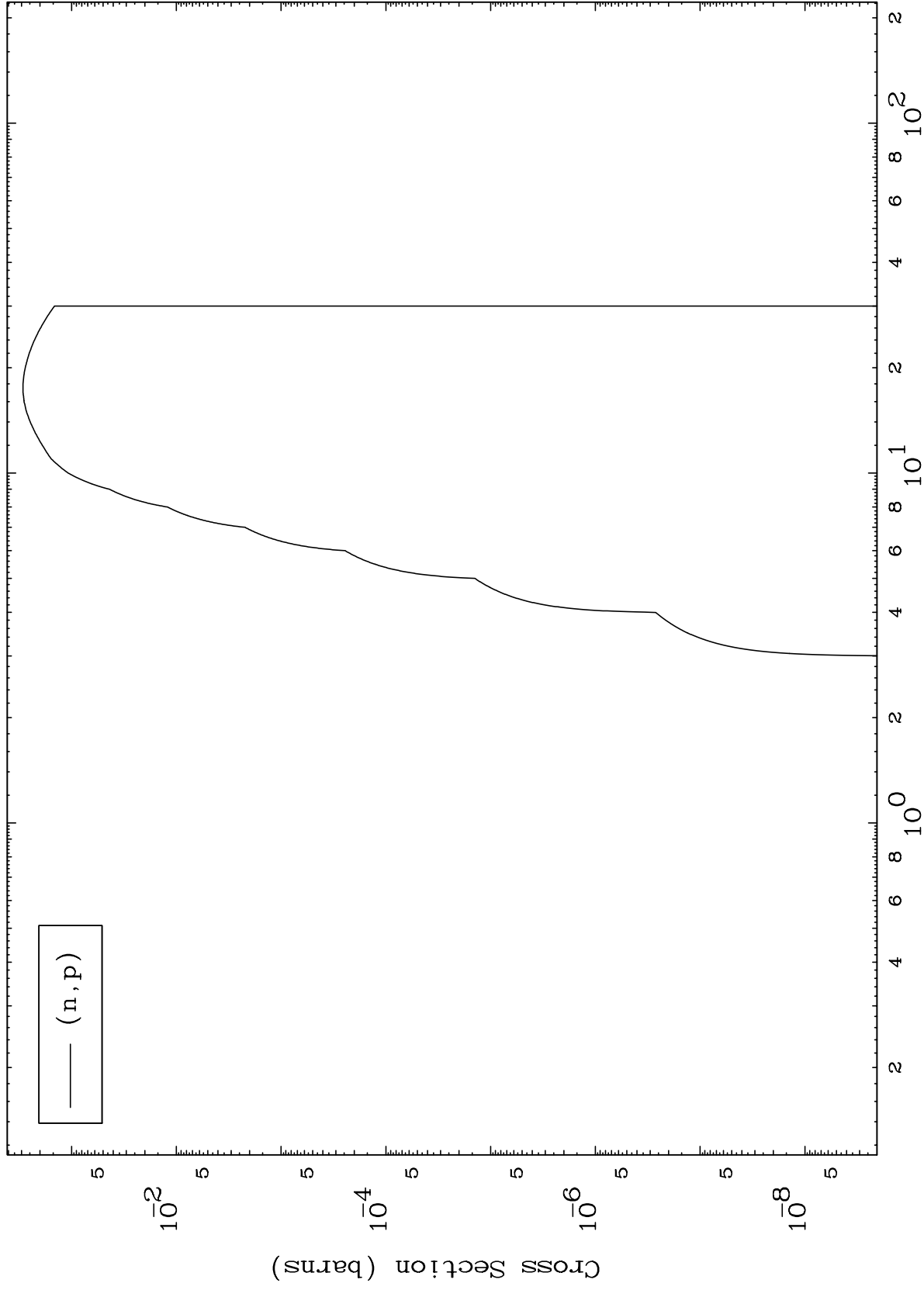
80-Hg-190



MAT 8007

80-Hg-190

(d,p) Levels
0 Kelvin Cross Sections

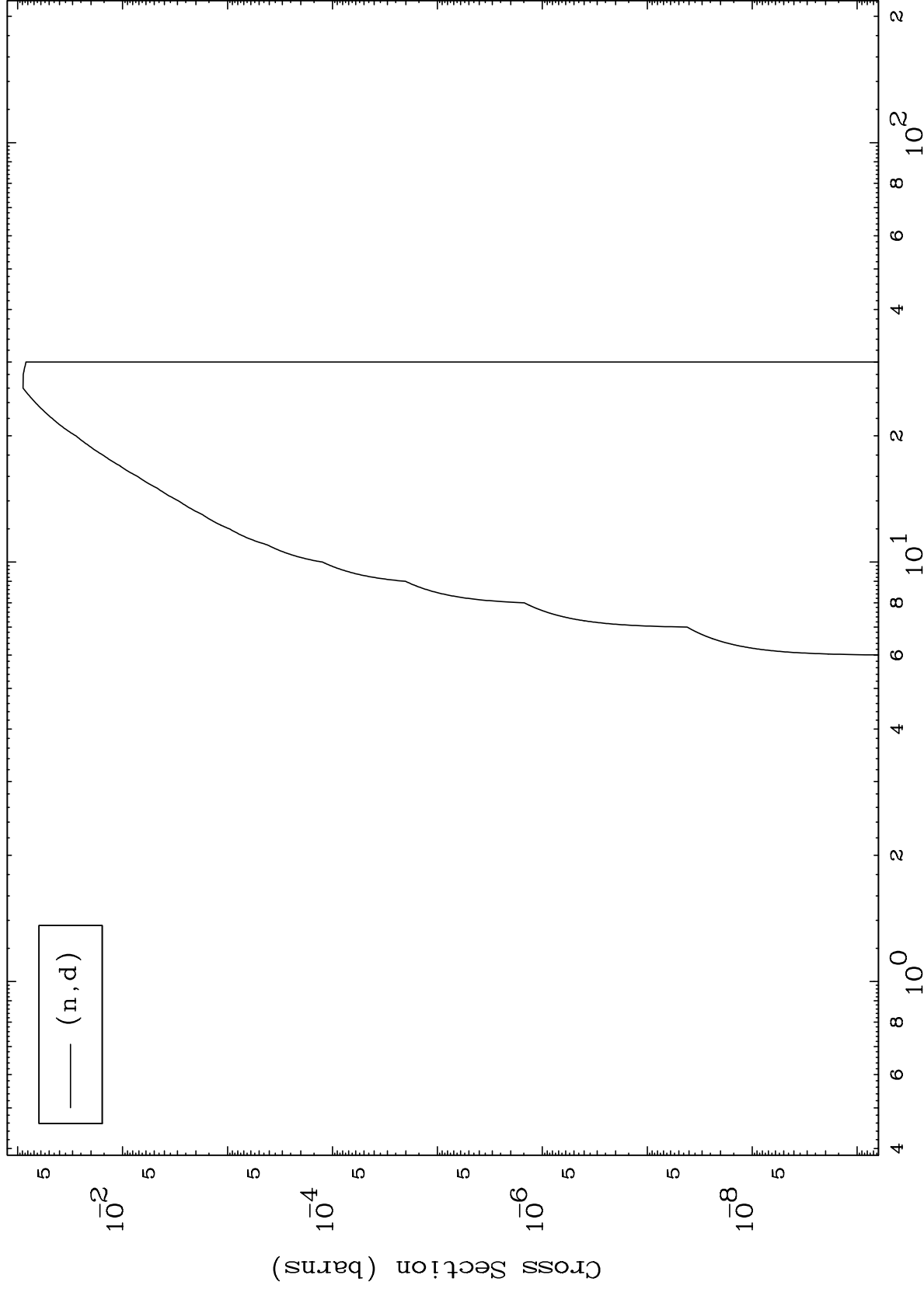


MAT 8007

(d,d) Levels

80-Hg-190

0 Kelvin Cross Sections



9

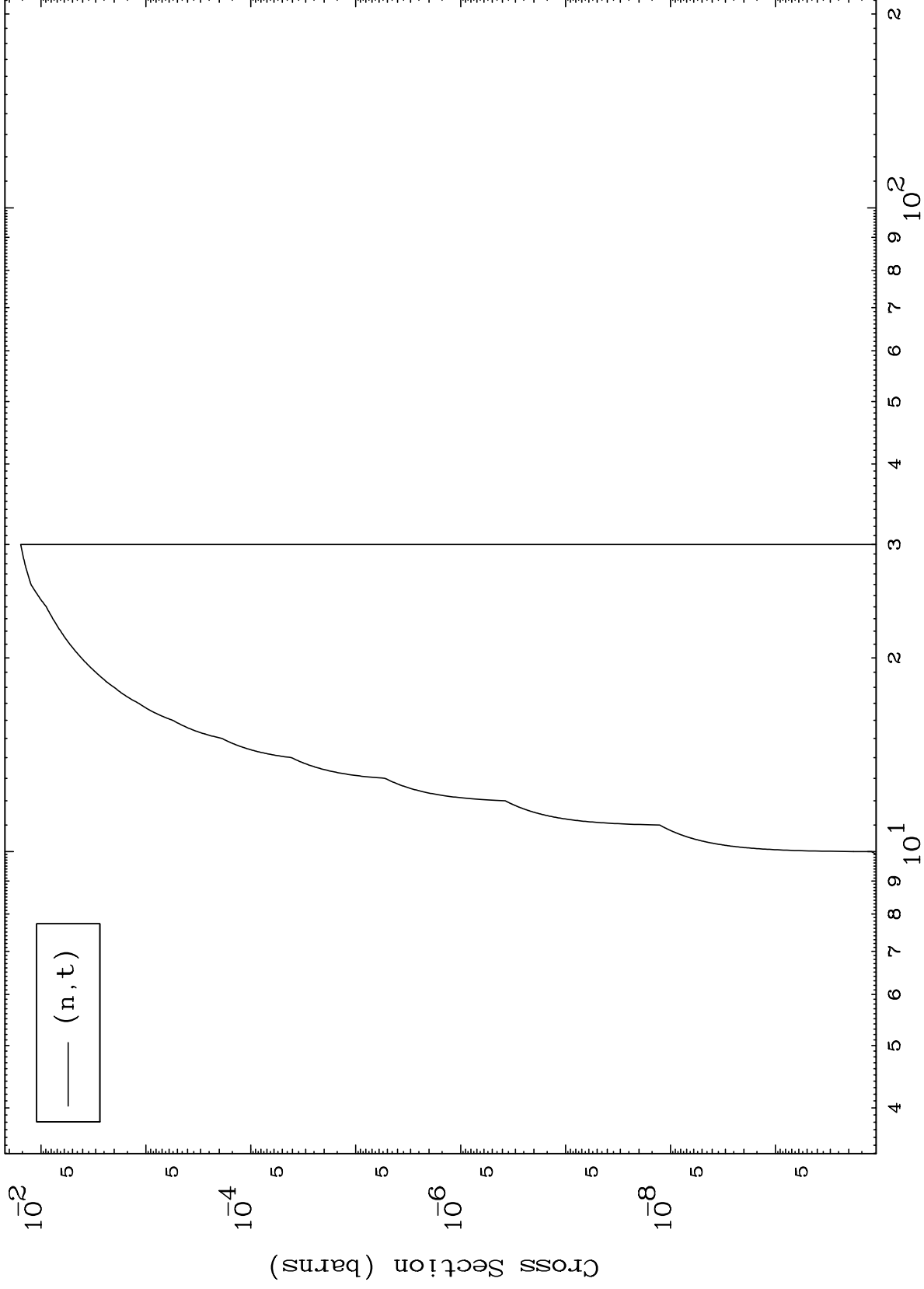
Incident Energy (MeV)

80-Hg-190

MAT 8007

(d,t) Levels
0 Kelvin Cross Sections

80-Hg-190



Incident Energy (MeV)

80-Hg-190

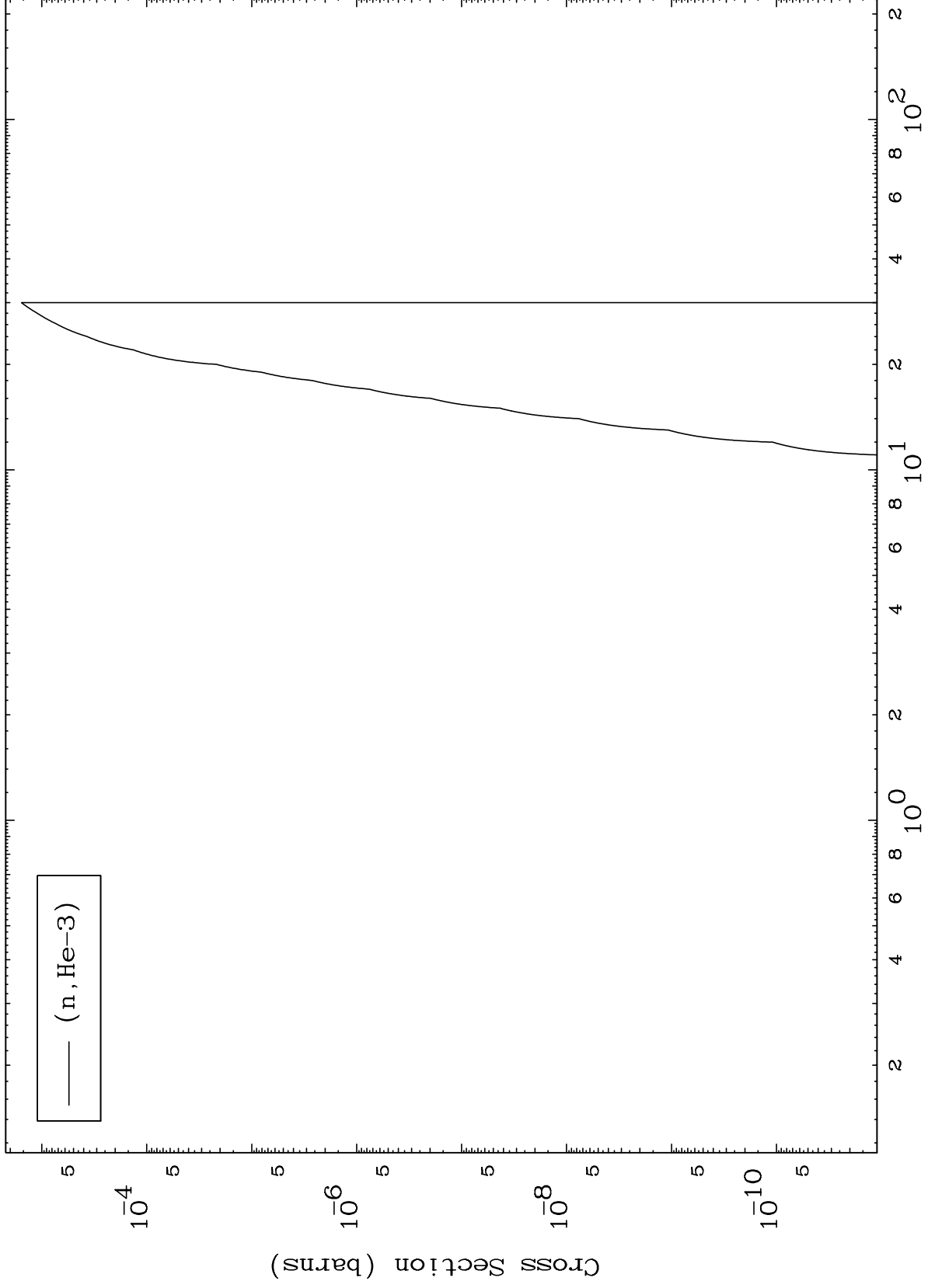
10

MAT 8007

(d,He3) Levels

80-Hg-190

0 Kelvin Cross Sections

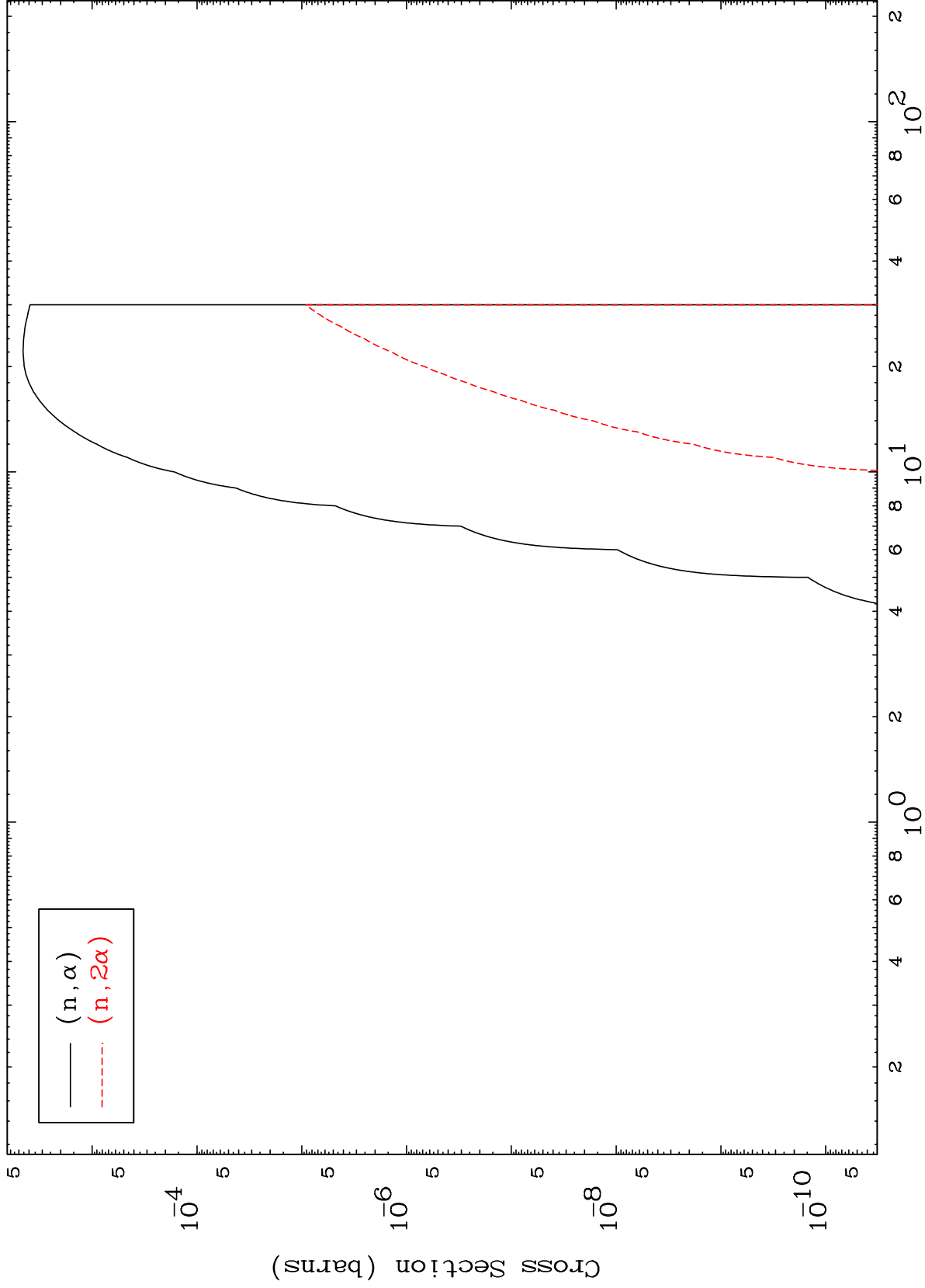


MAT 8007

(d, α) Levels

80-Hg-190

0 Kelvin Cross Sections



12

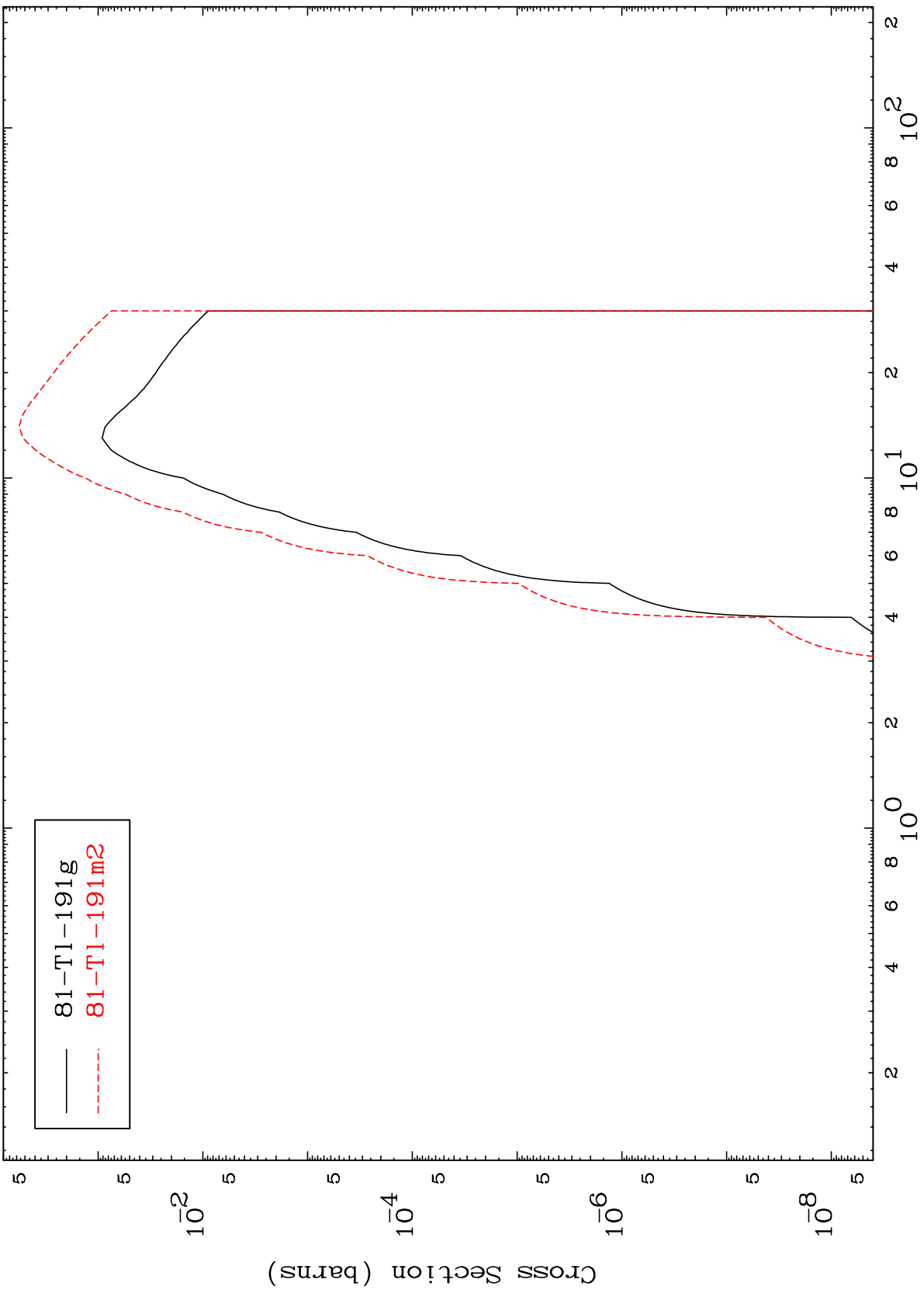
Incident Energy (MeV)

80-Hg-190

MAT 8007

80-Hg-190

Inelastic
Radionuclide Production Cross Section



81-Tl-191g
81-Tl-191m2

80-Hg-190

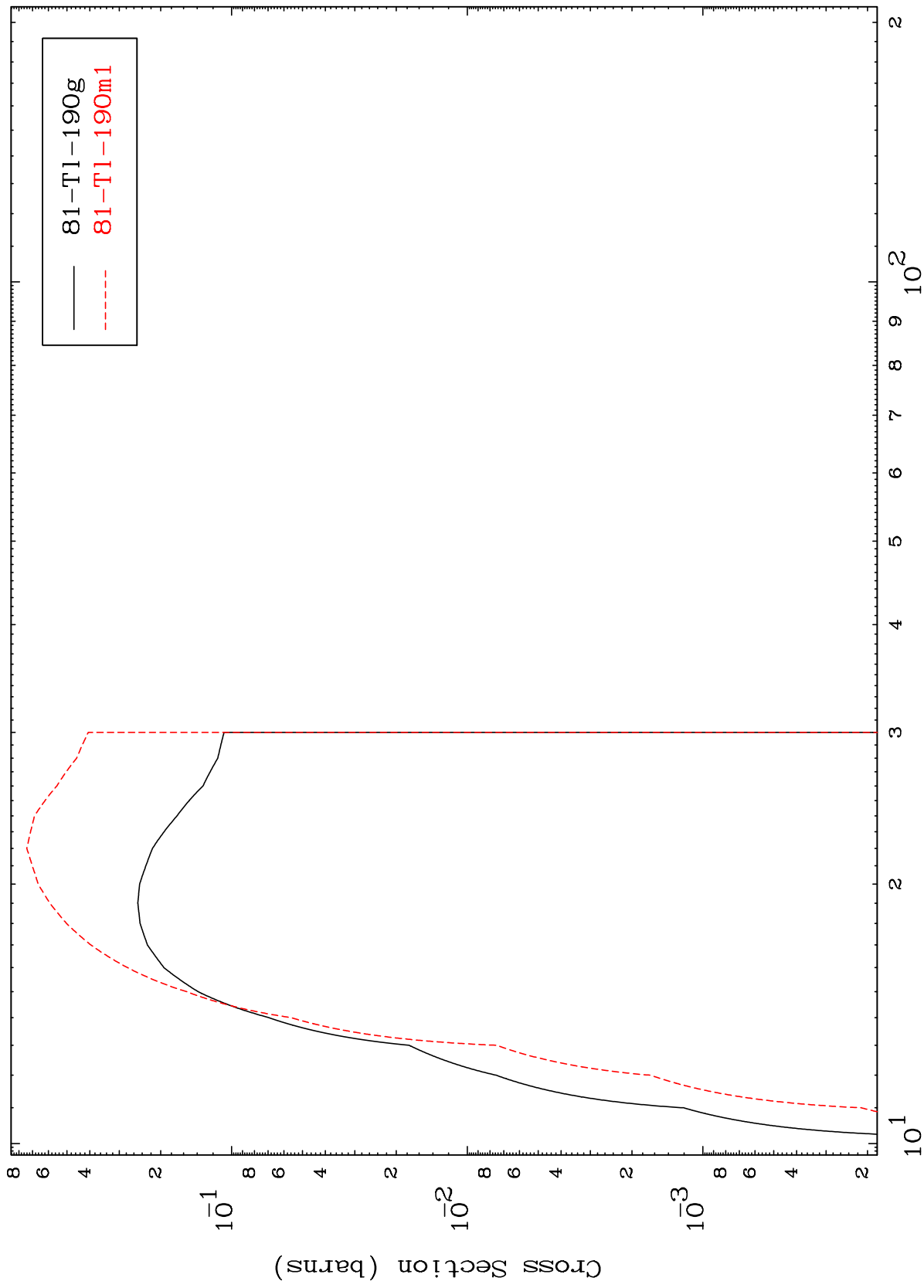
Incident Energy (MeV)

13

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80-Hg-190

(n,2n)
Radionuclide Production Cross Section



80-Hg-190

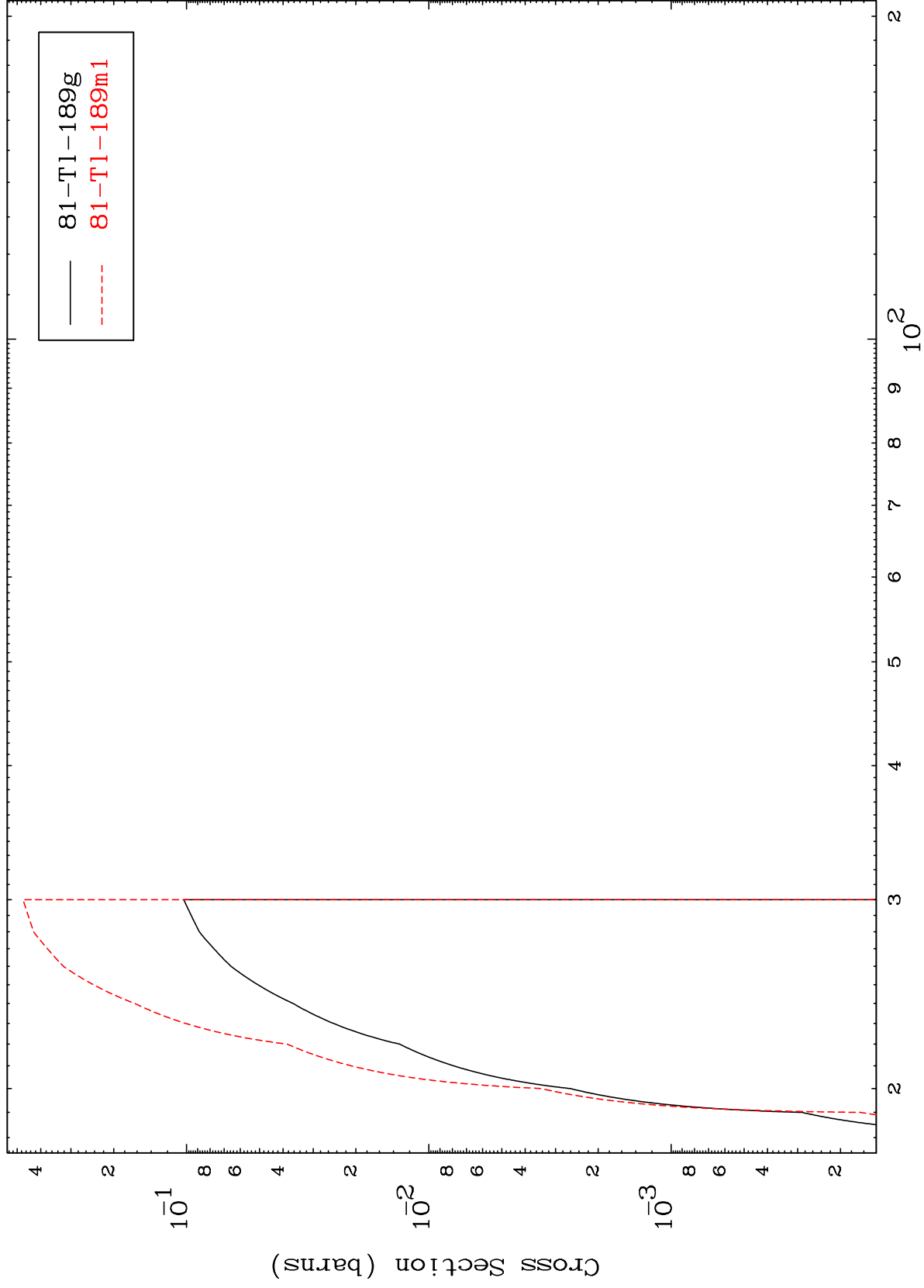
Incident Energy (MeV)

14

MAT 8007

80-Hg-190

(n,3n)
Radionuclide Production Cross Section



15

Incident Energy (MeV)

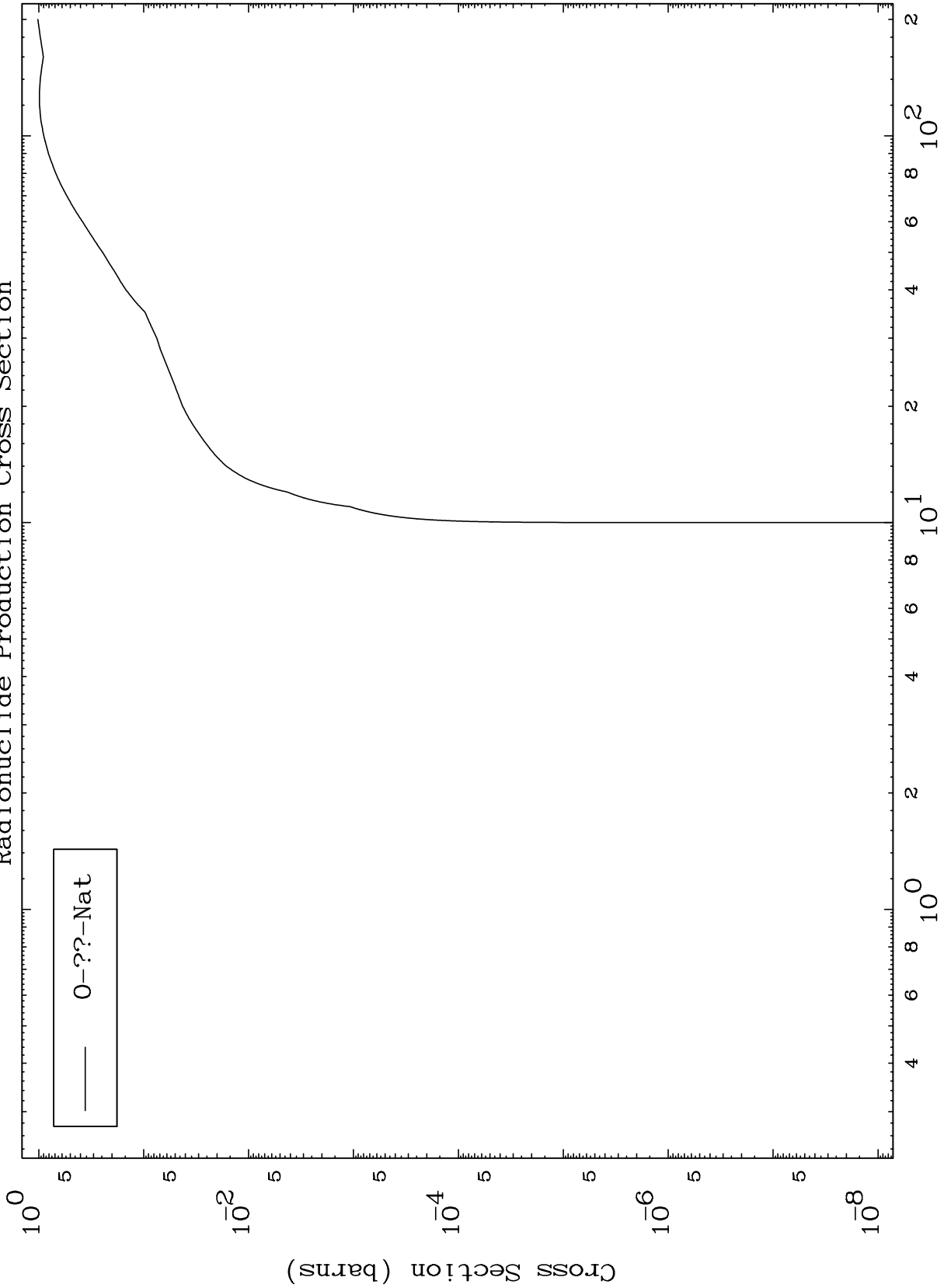
80-Hg-190

MAT 8007

Fission

80-Hg-190

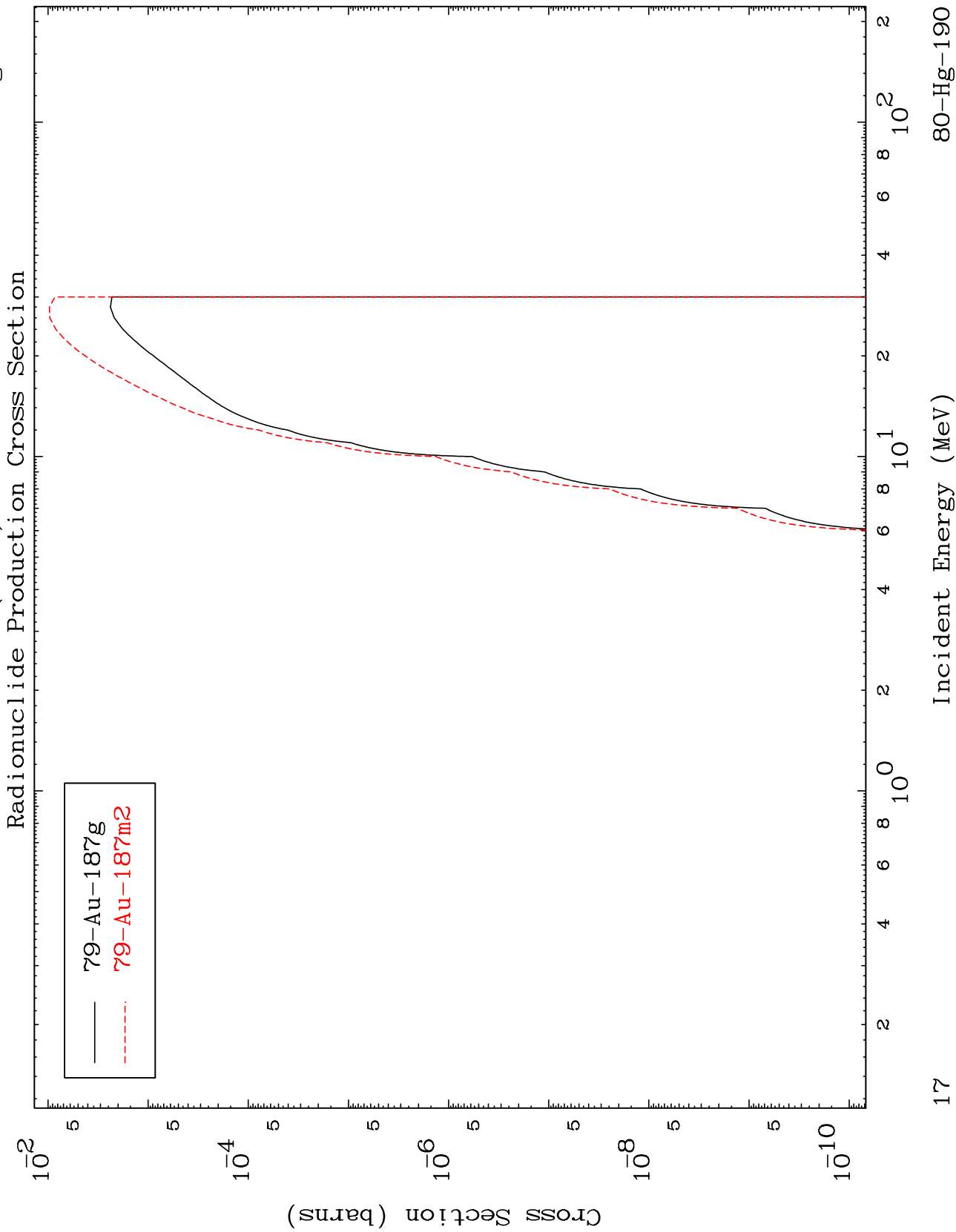
Radionuclide Production Cross Section



MAT 8007

$(n, n') \alpha$

80-Hg-190

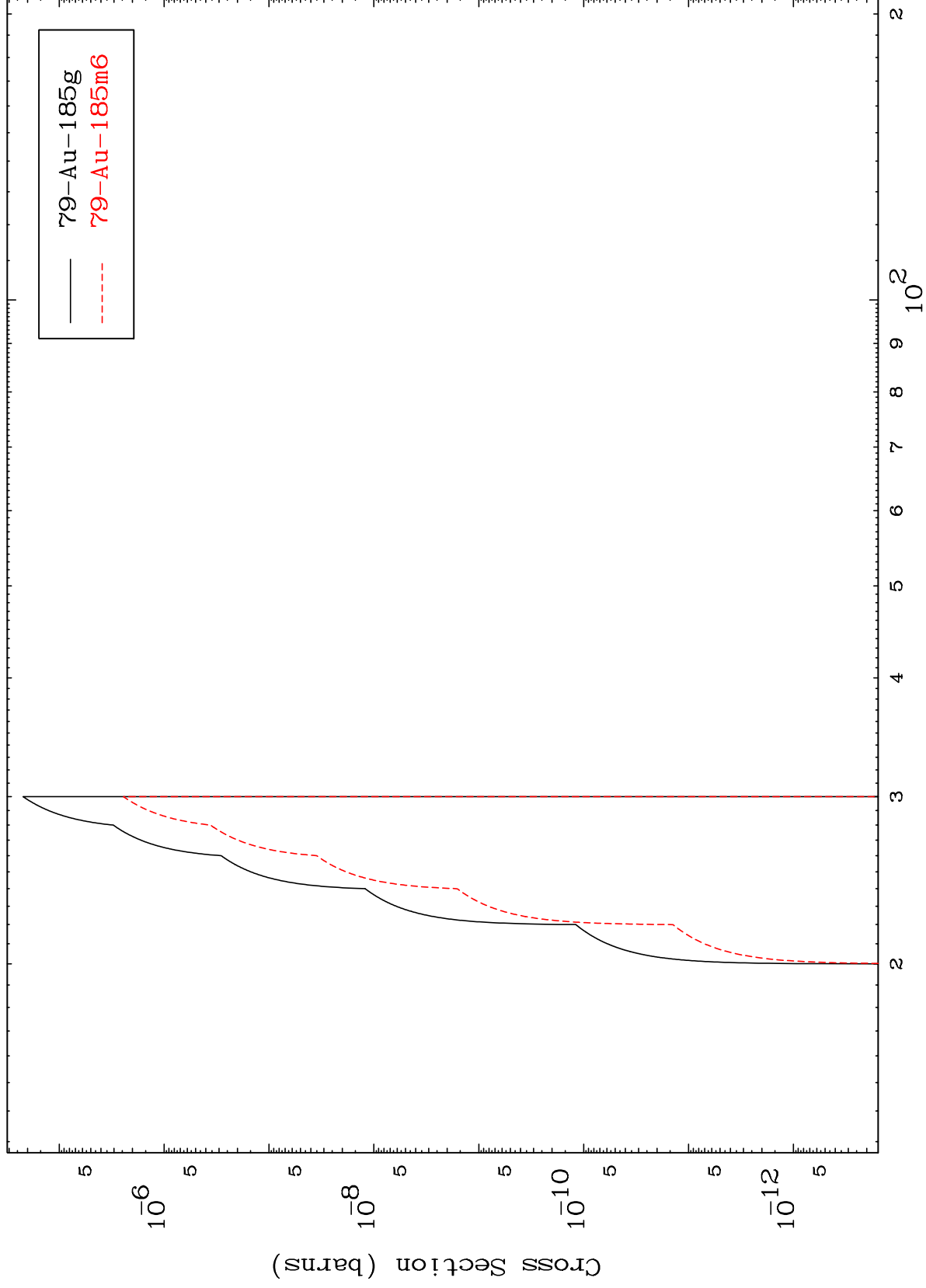


MAT 8007

$(n,3n) \alpha$

80-Hg-190

Radionuclide Production Cross Section



18

Incident Energy (MeV)

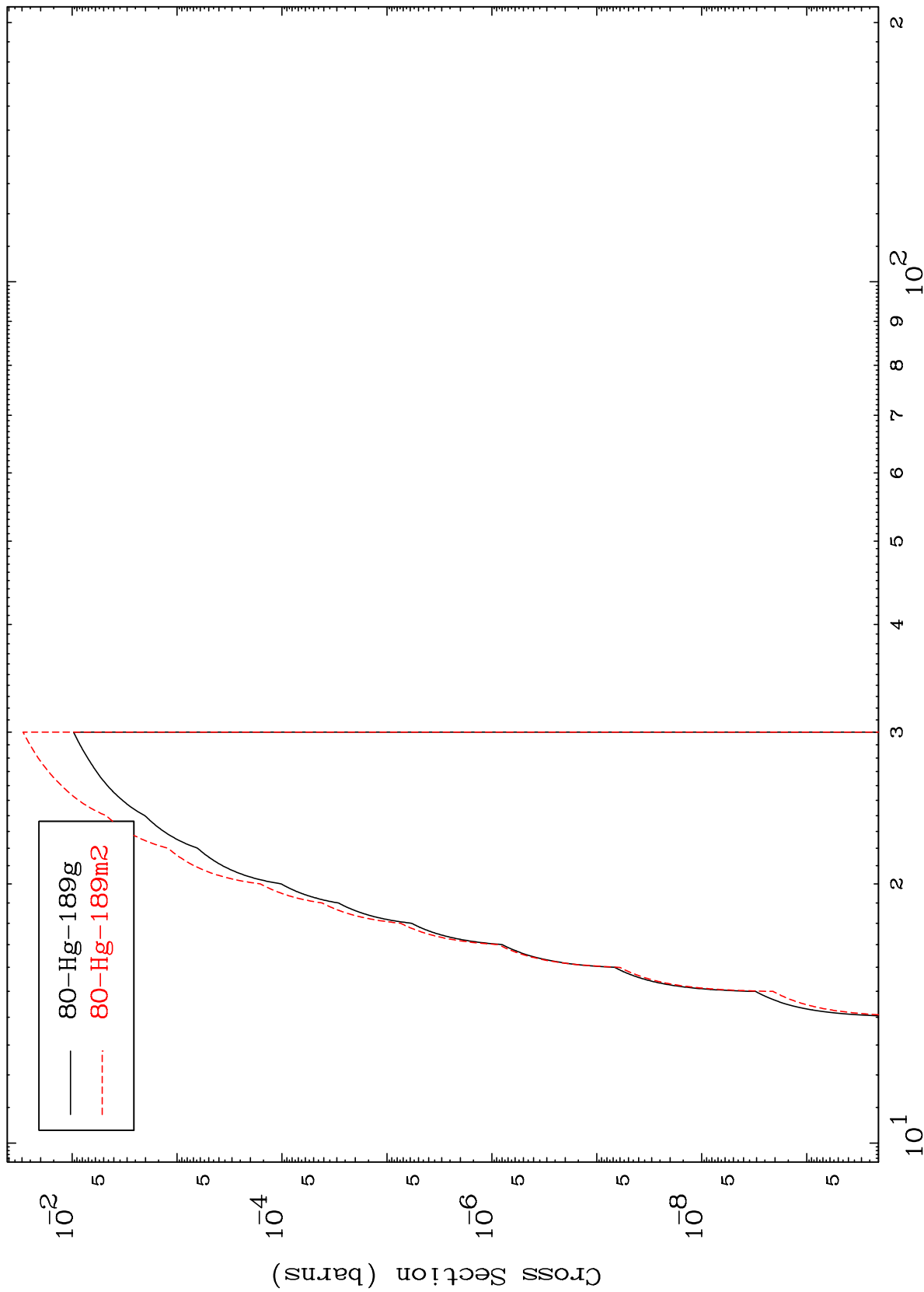
80-Hg-190

MAT 8007

(n,n') d

80-Hg-190

Radionuclide Production Cross Section



10¹

Incident Energy (MeV)

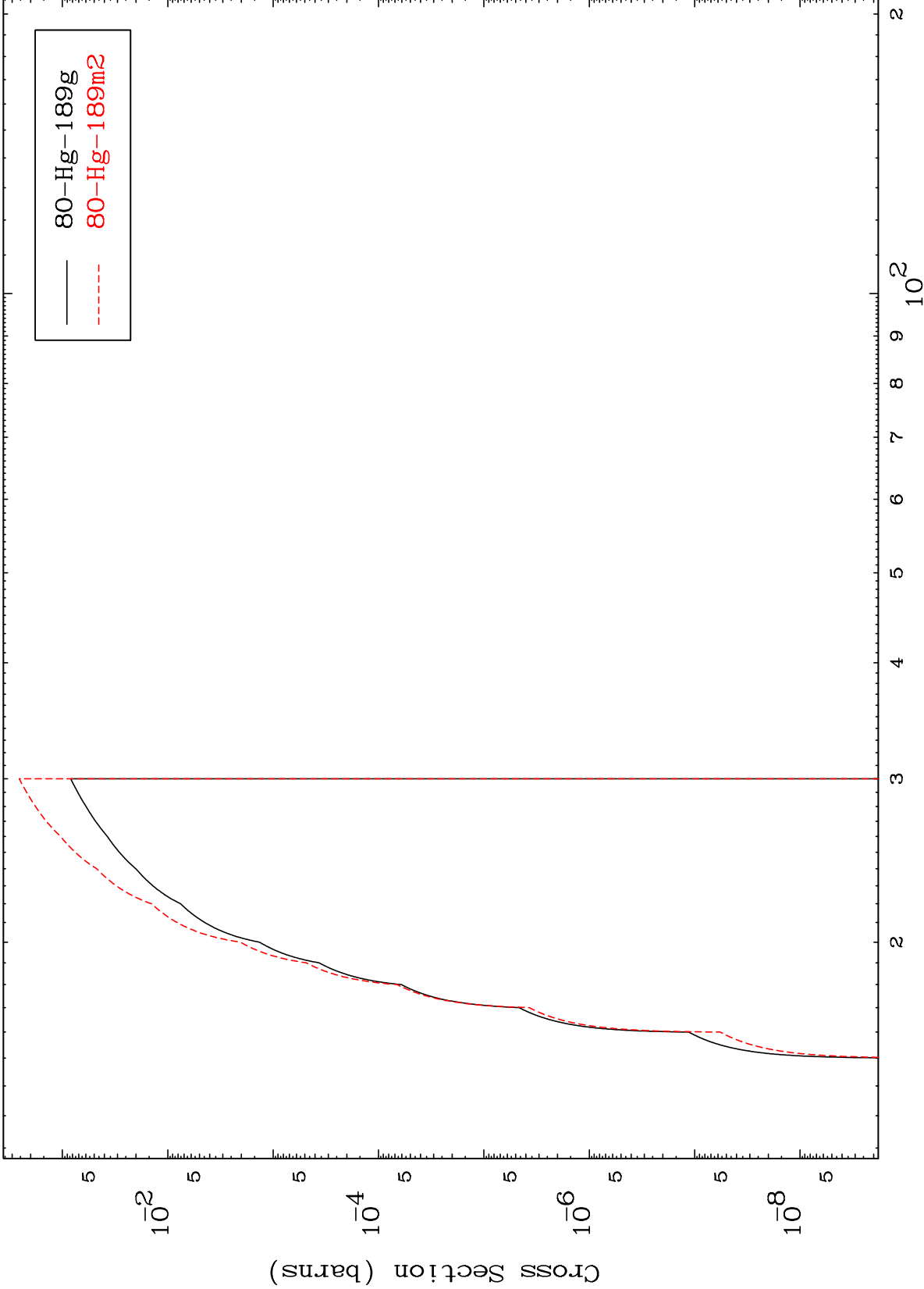
80-Hg-190

MAT 8007

(n,2n) p

80-Hg-190

Radionuclide Production Cross Section



80-Hg-189g
80-Hg-189m2

20

Incident Energy (MeV)

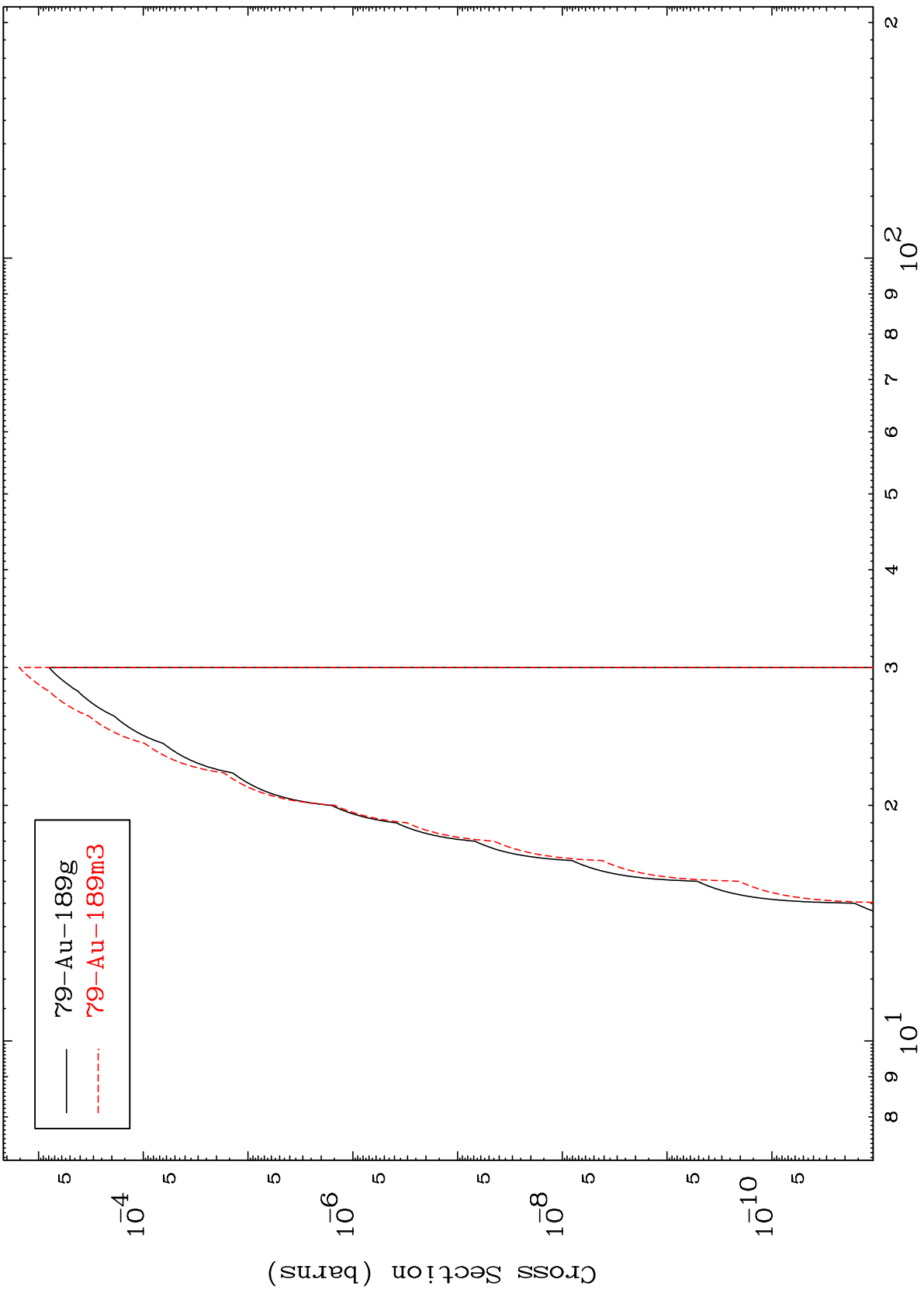
80-Hg-190

MAT 8007

(n,2n) p

80-Hg-190

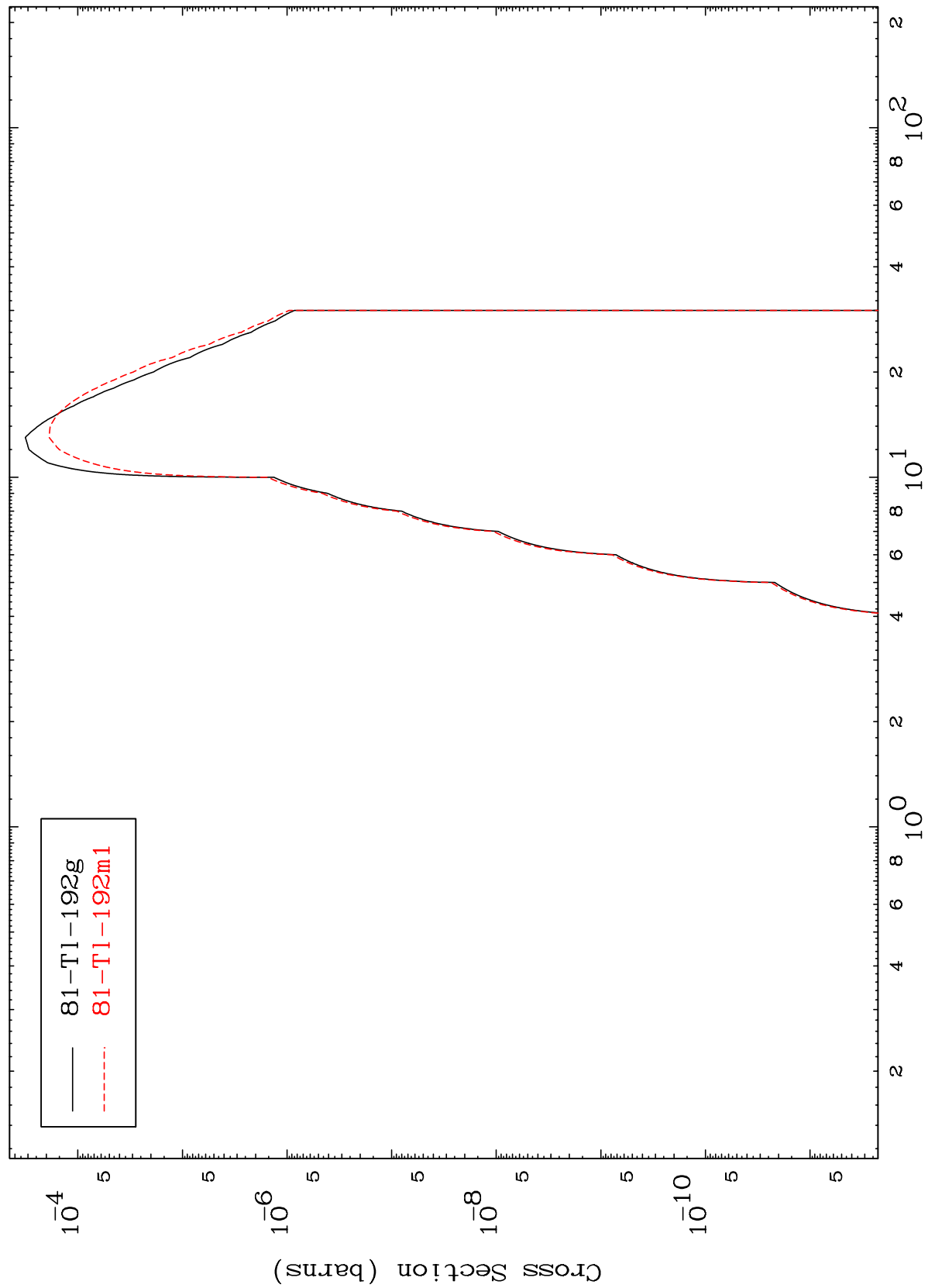
Radionuclide Production Cross Section



MAT 8007

80-Hg-190

Radionuclide Production Cross Section
(n, γ)



— 81-Tl-192g
- - - 81-Tl-192m1

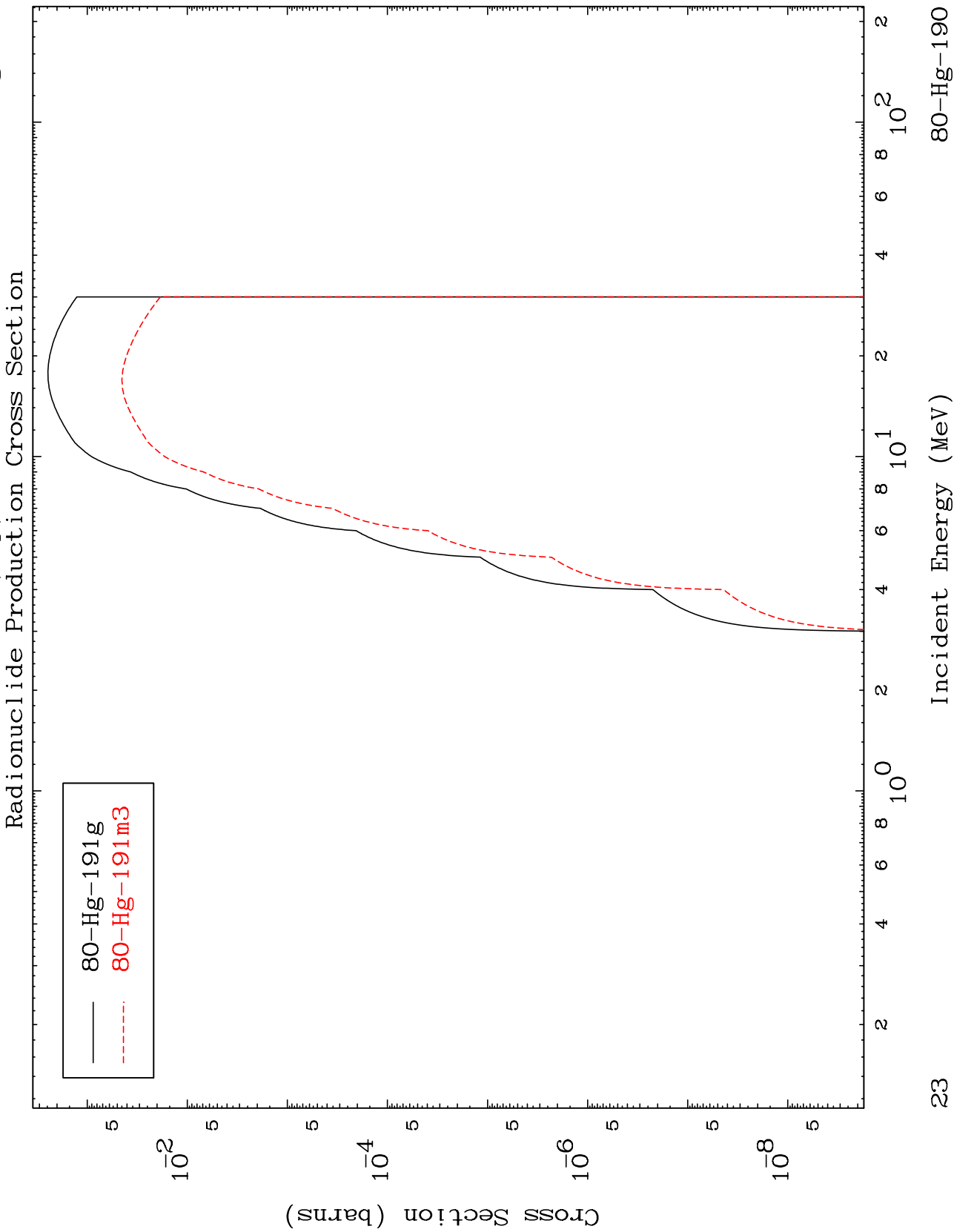
80-Hg-190

Incident Energy (MeV)

22

MAT 8007

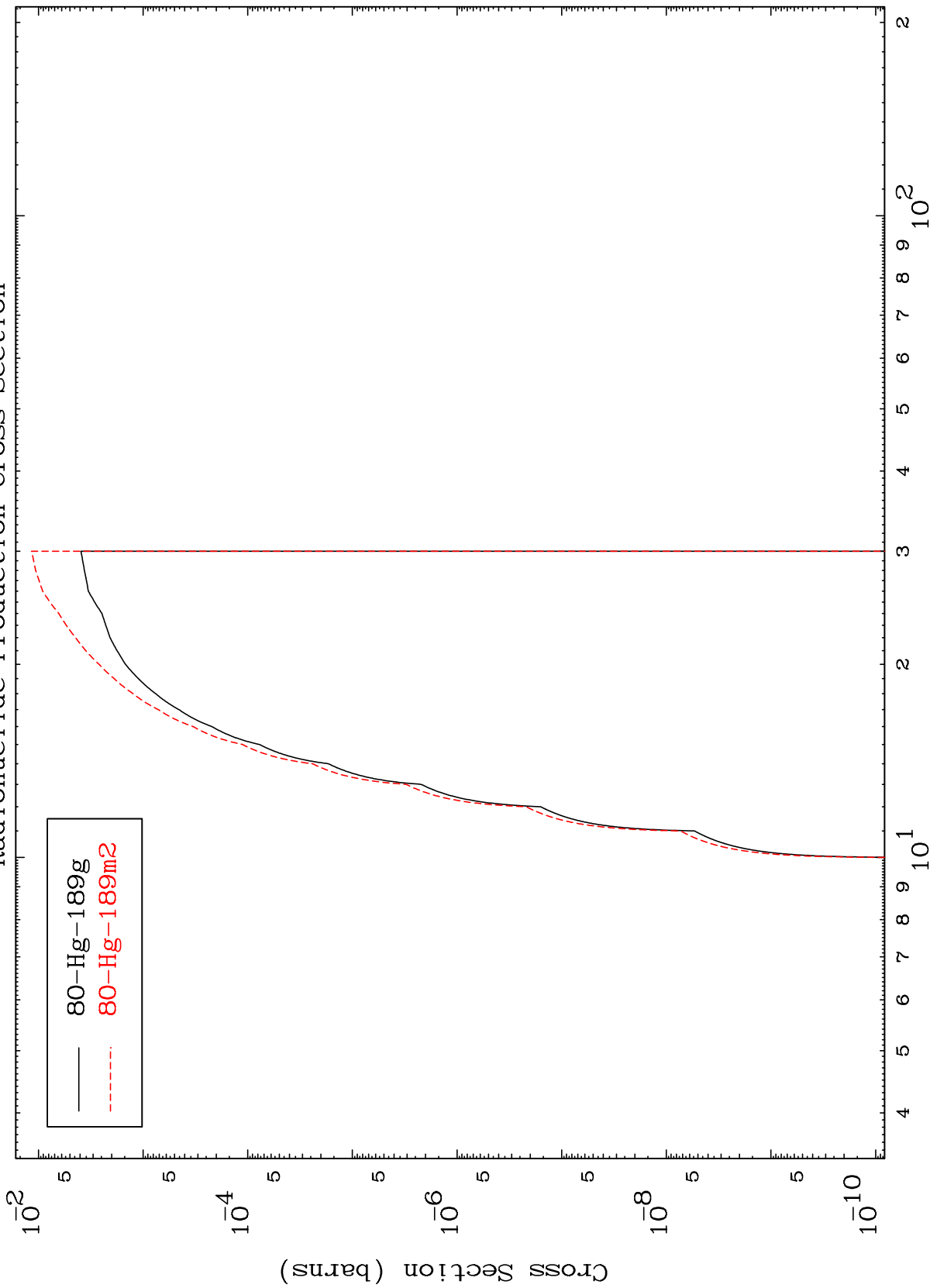
80-Hg-190



MAT 8007

80-Hg-190

Radionuclide Production Cross Section



Incident Energy (MeV)

80-Hg-190

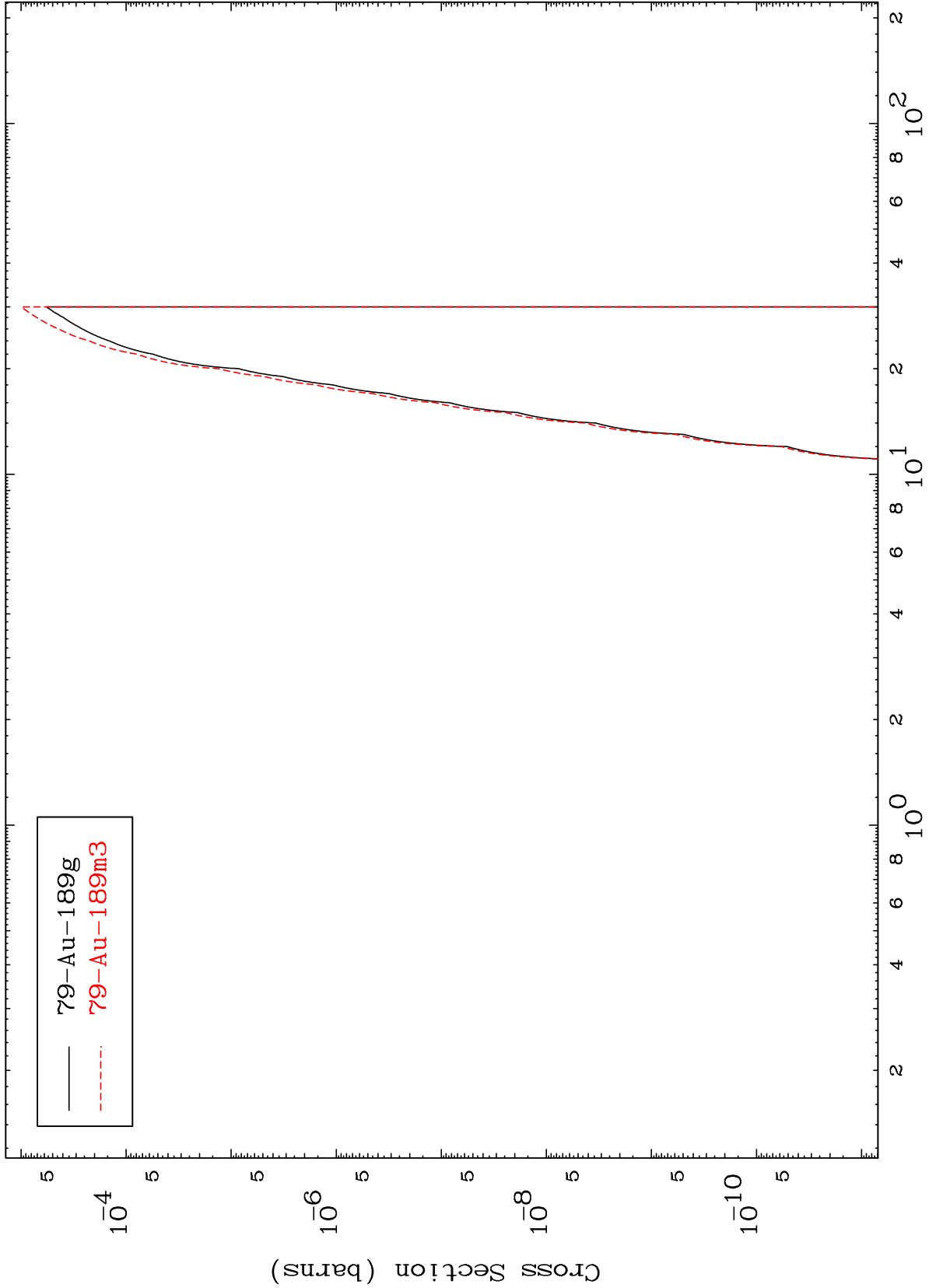
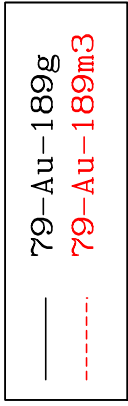
24

MAT 8007

(n,He-3)

80-Hg-190

Radionuclide Production Cross Section

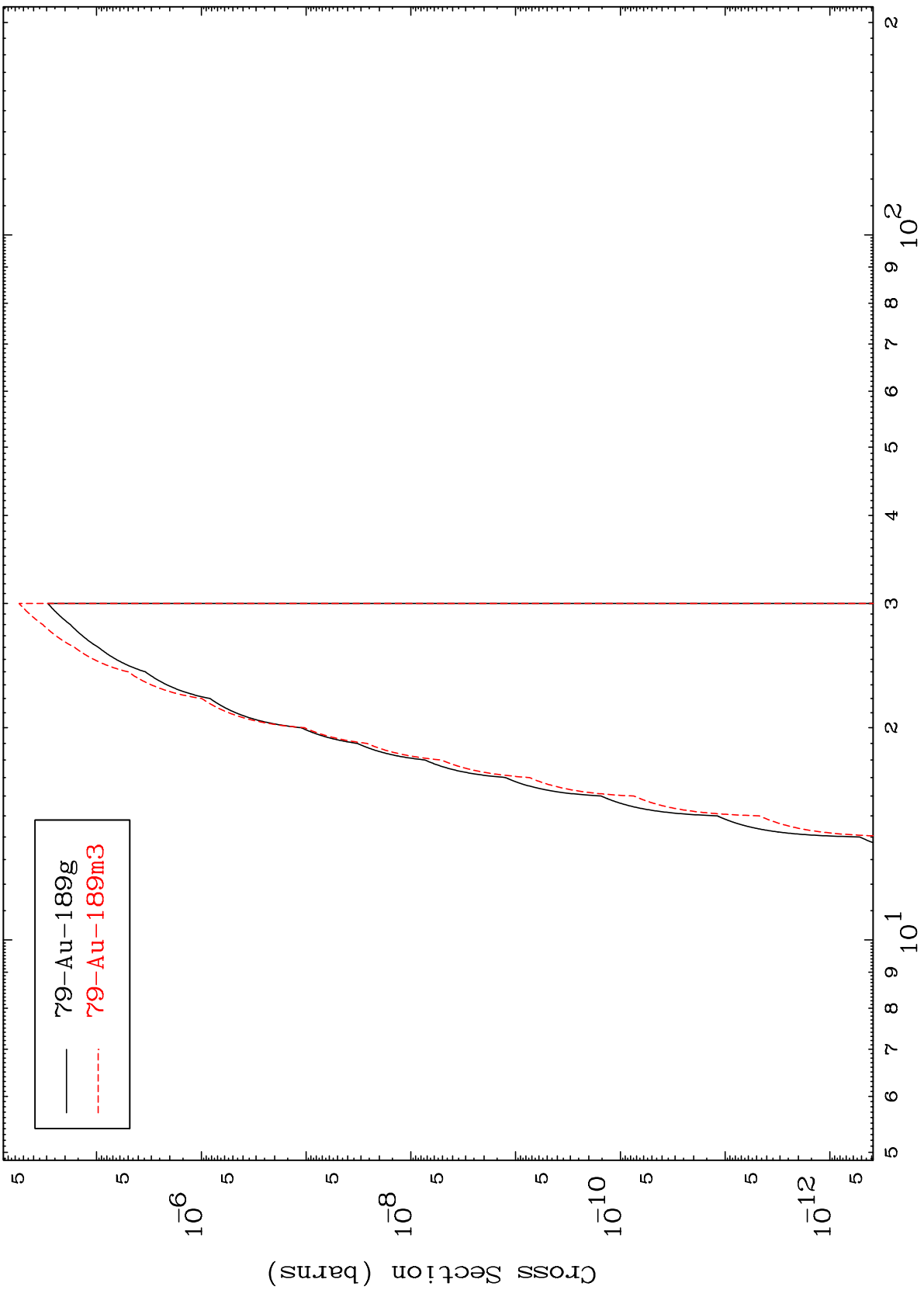


MAT 8007

(n,p) d

80-Hg-190

Radionuclide Production Cross Section



26

Incident Energy (MeV)

80-Hg-190