

Program EVALPLOT
(Version 2021-1)

by

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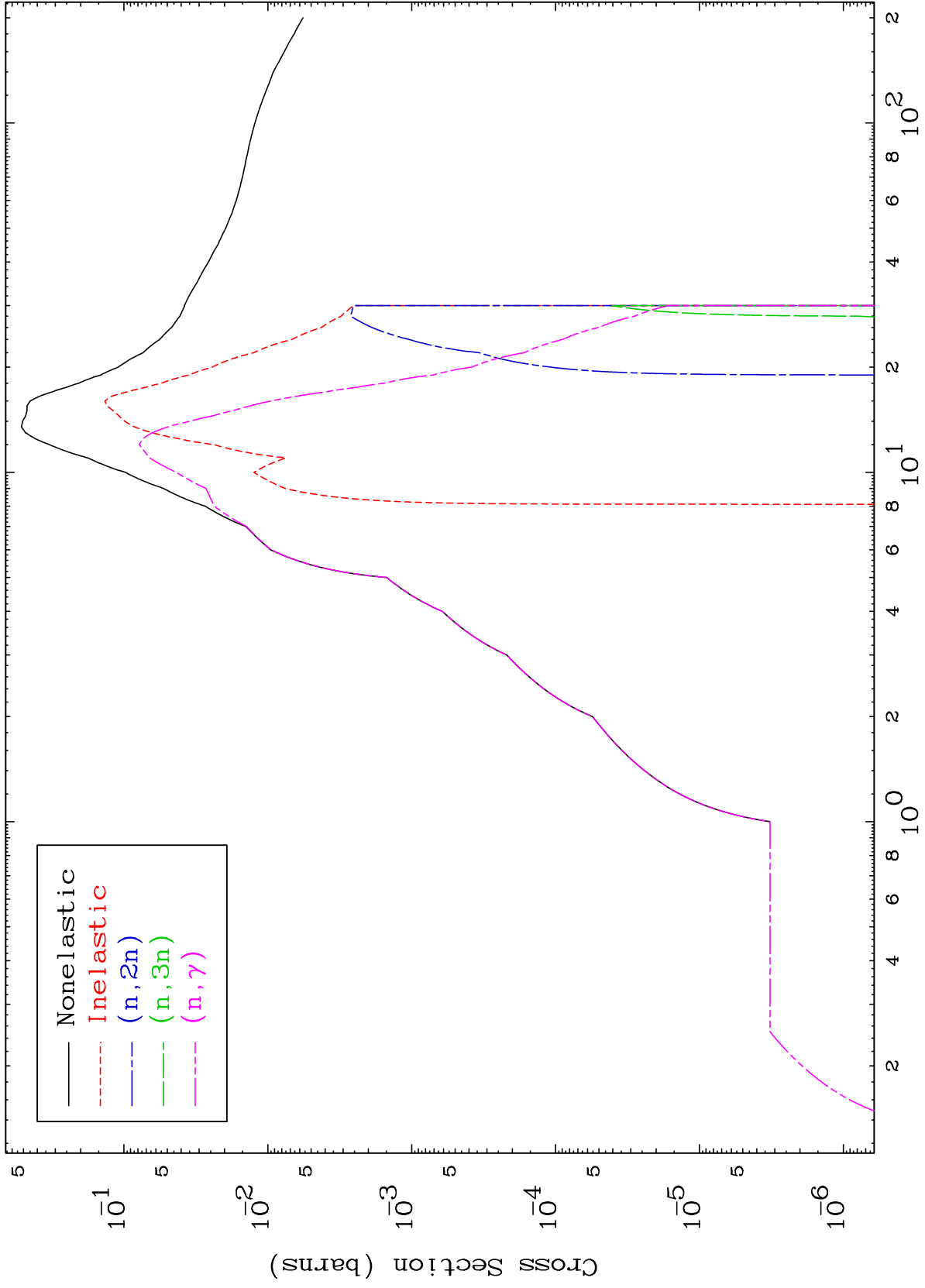
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8180

Photon Major
0 Kelvin Cross Sections

82-Pb-189



1

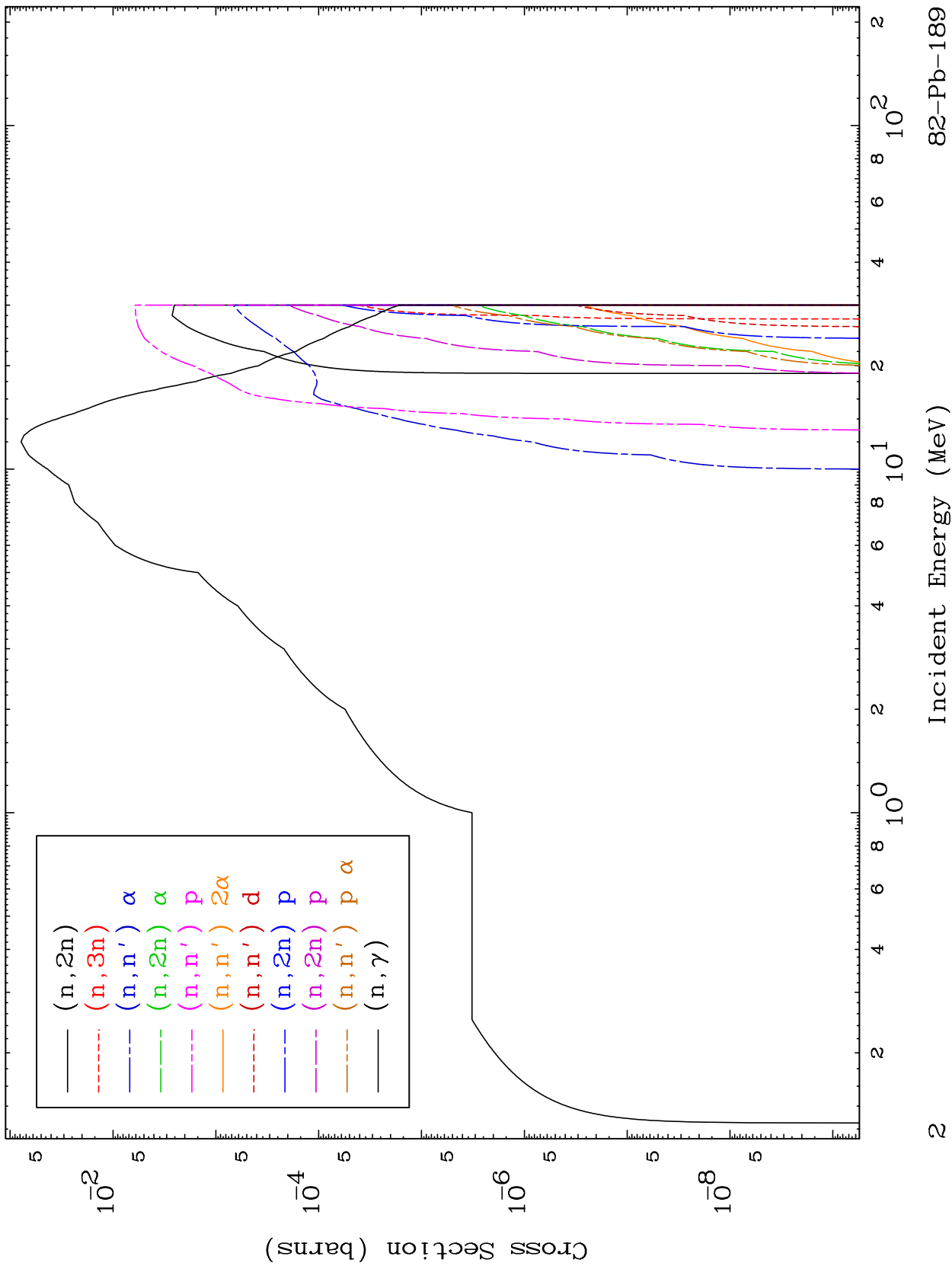
Incident Energy (MeV)

82-Pb-189

MAT 8180

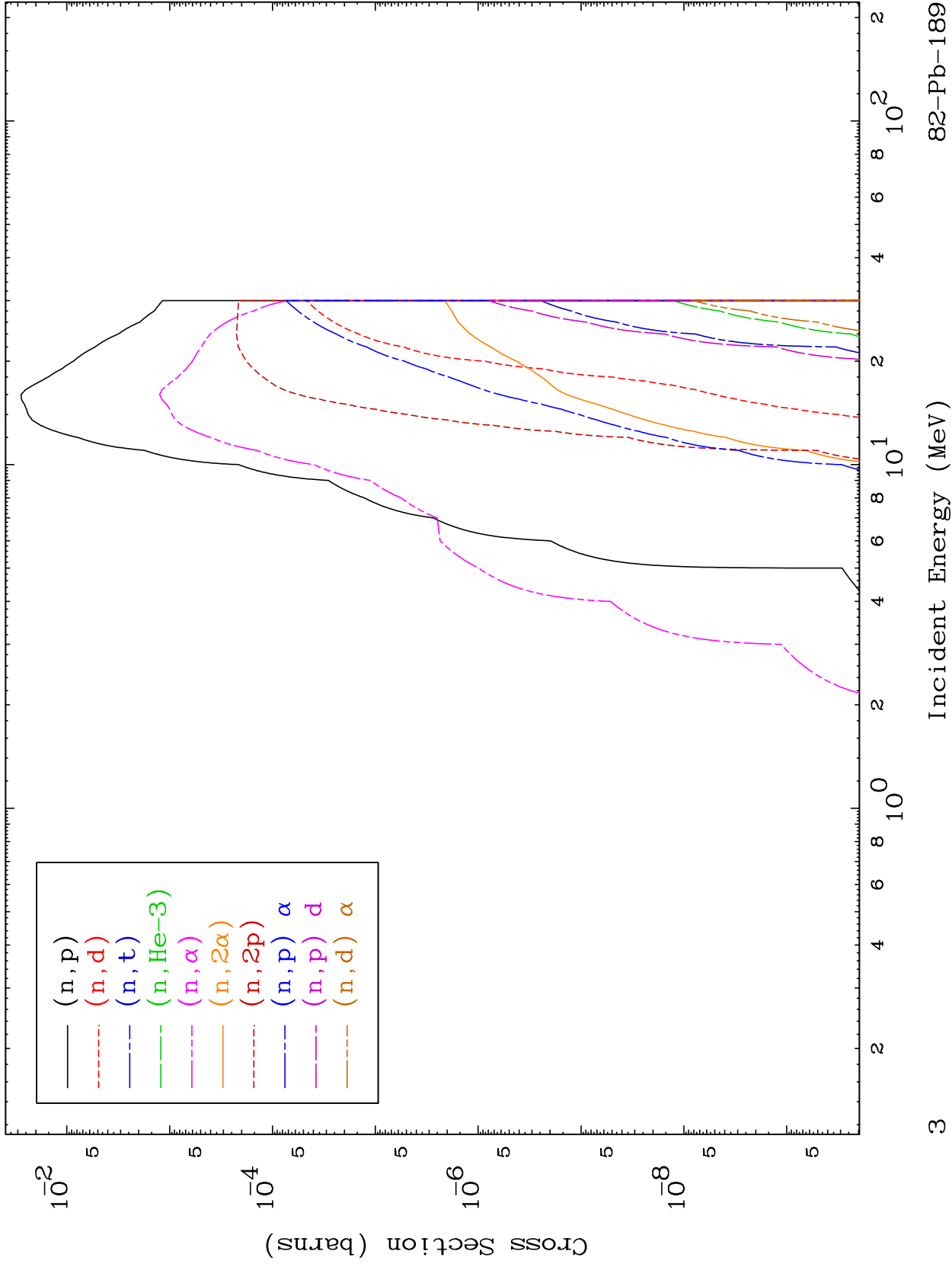
Photon Neutron Absorption
0 Kelvin Cross Sections

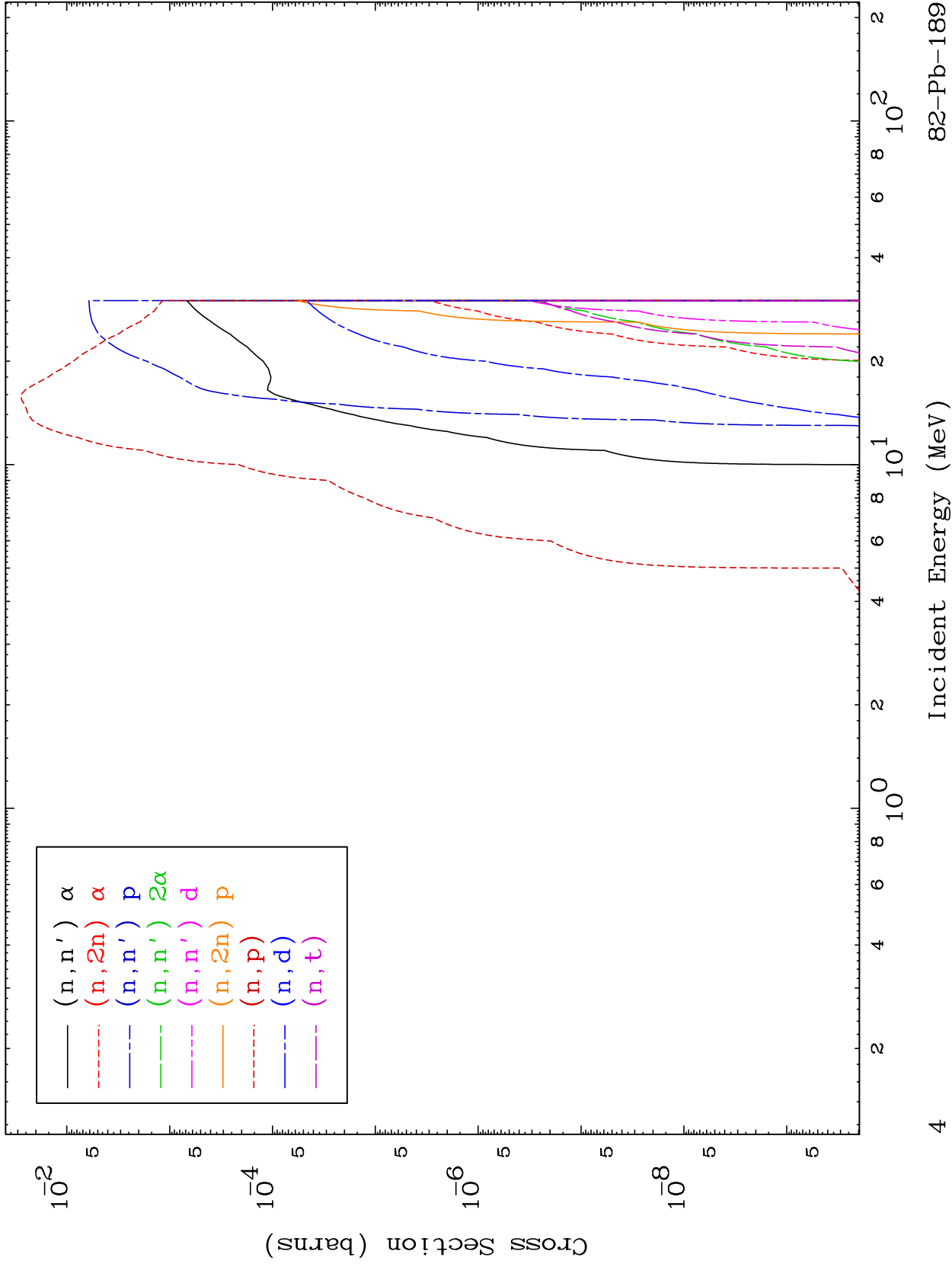
82-Pb-189

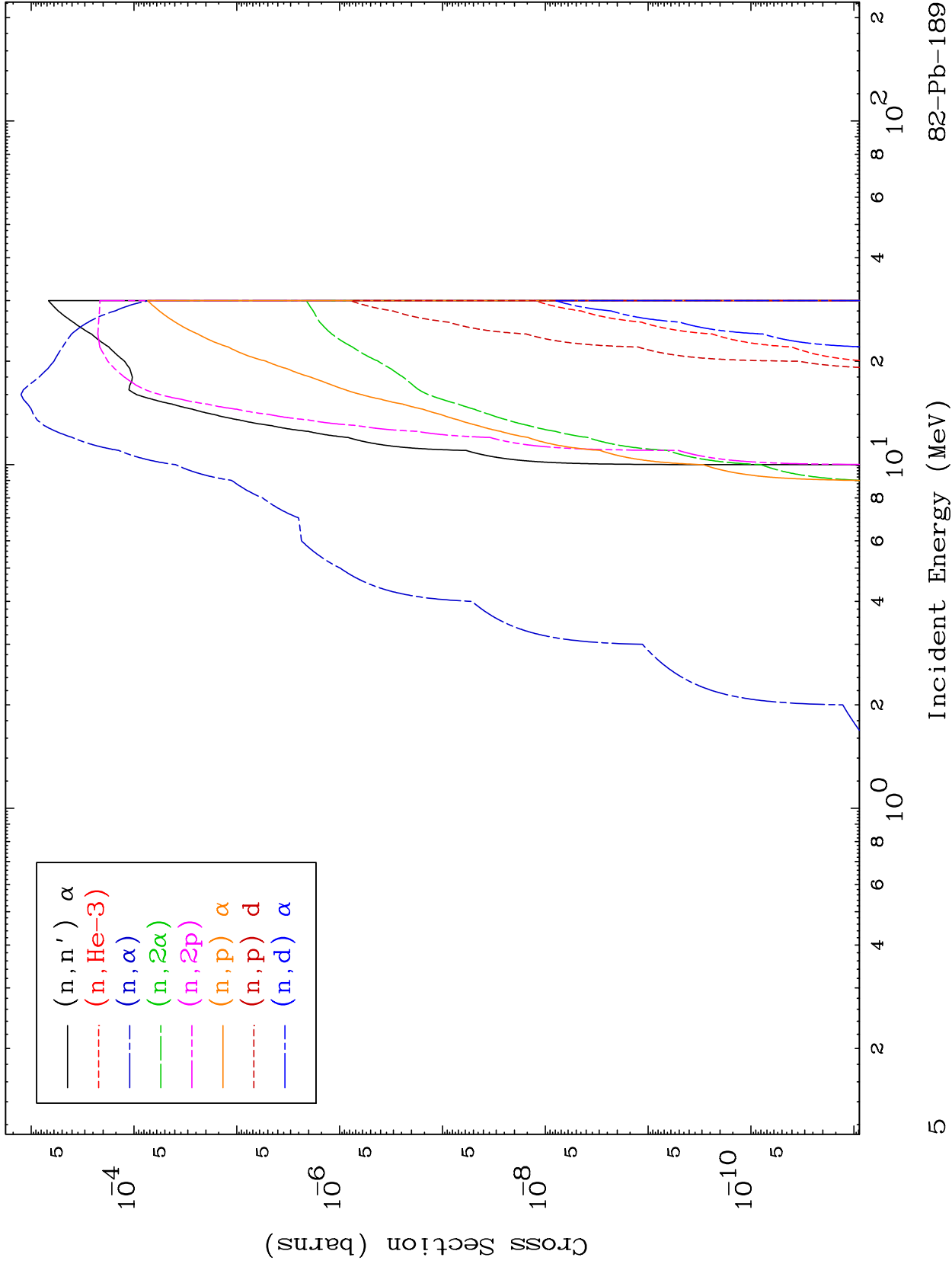


82-Pb-189

Incident Energy (MeV)





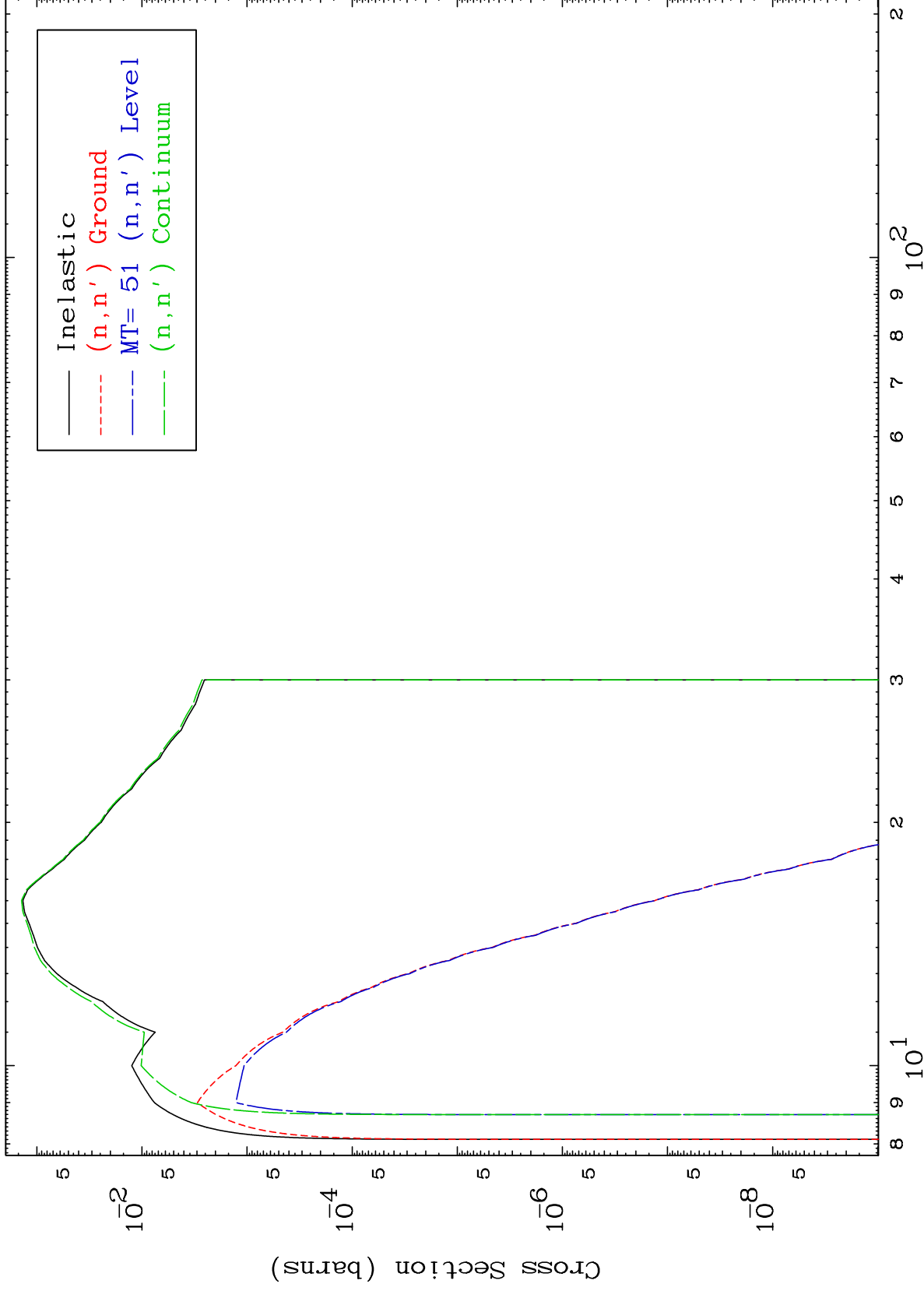


MAT 8180

(γ, n') Levels

82-Pb-189

0 Kelvin Cross Sections



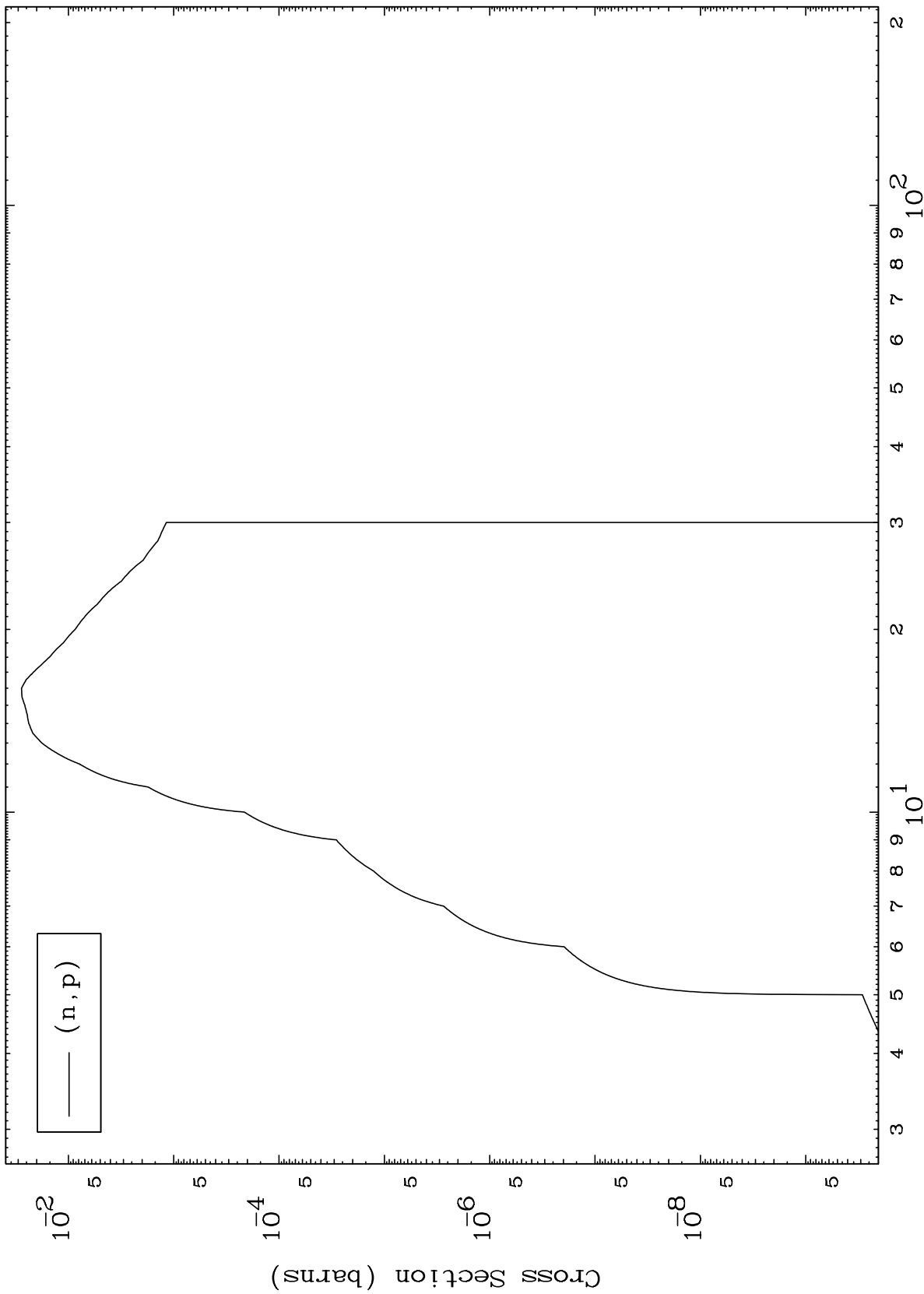
Incident Energy (MeV)

82-Pb-189

MAT 8180

82-Pb-189

(γ, p) Levels
0 Kelvin Cross Sections



82-Pb-189

Incident Energy (MeV)

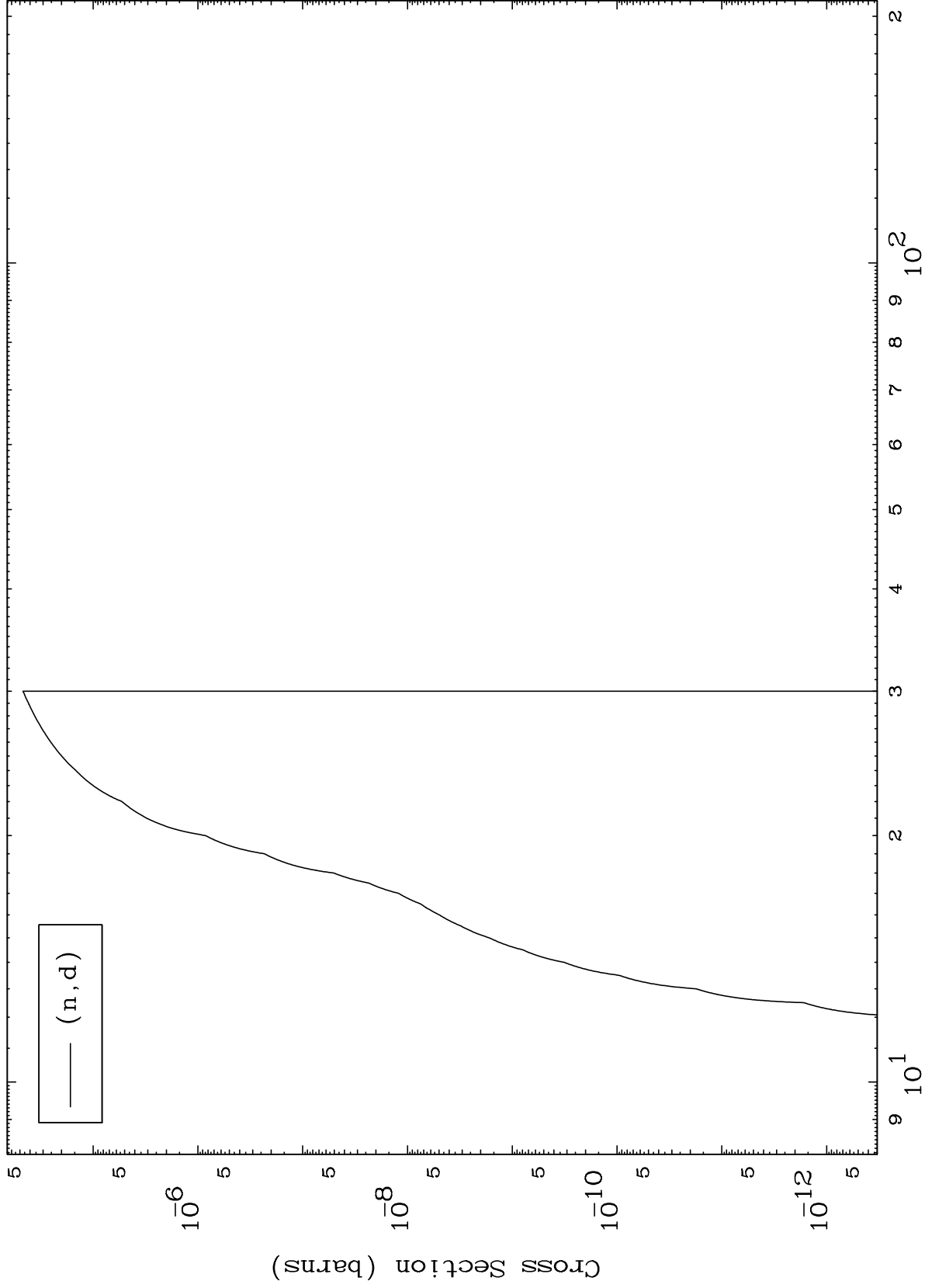
7

MAT 8180

(γ, d) Levels

82-Pb-189

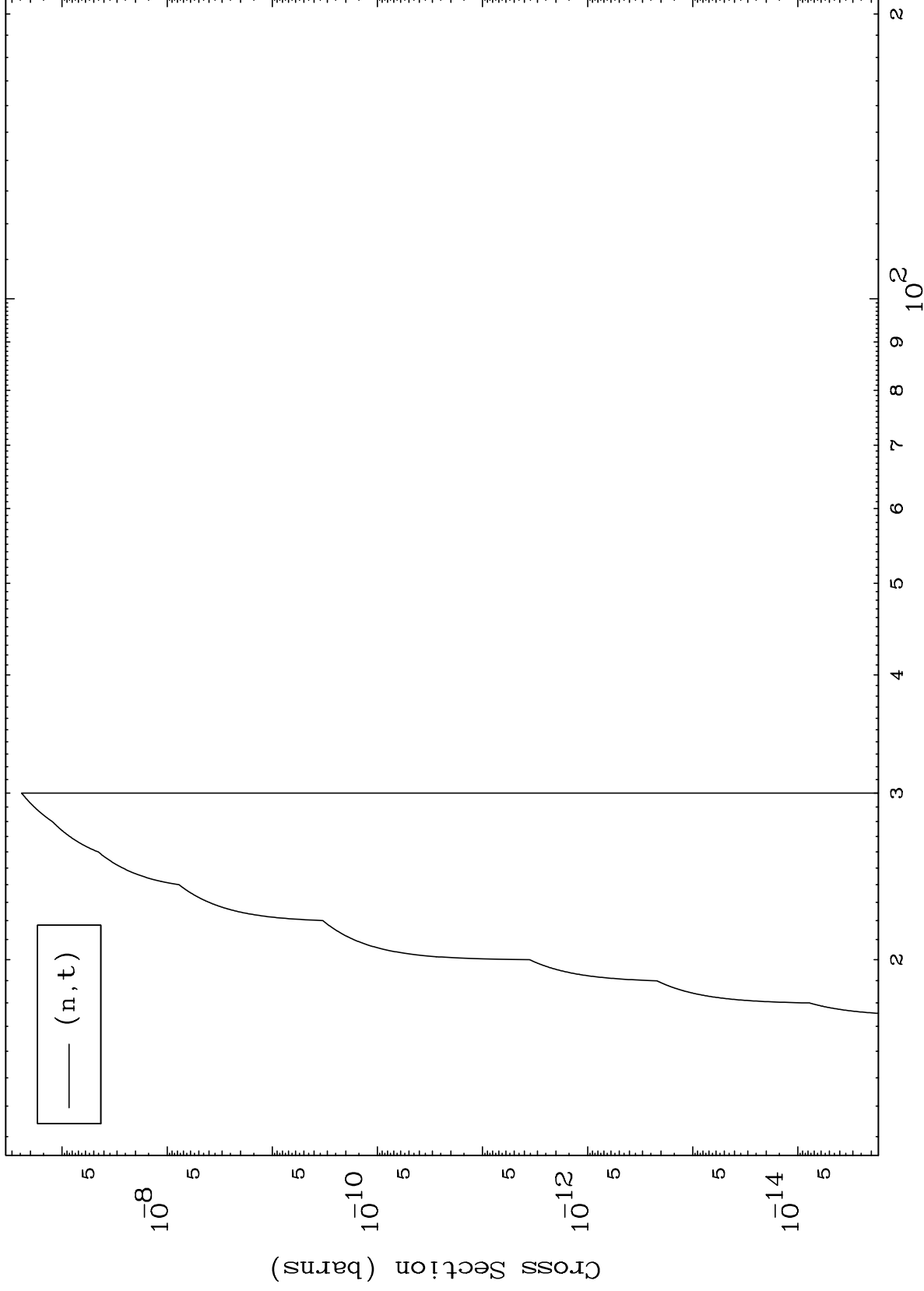
0 Kelvin Cross Sections



8

Incident Energy (MeV)

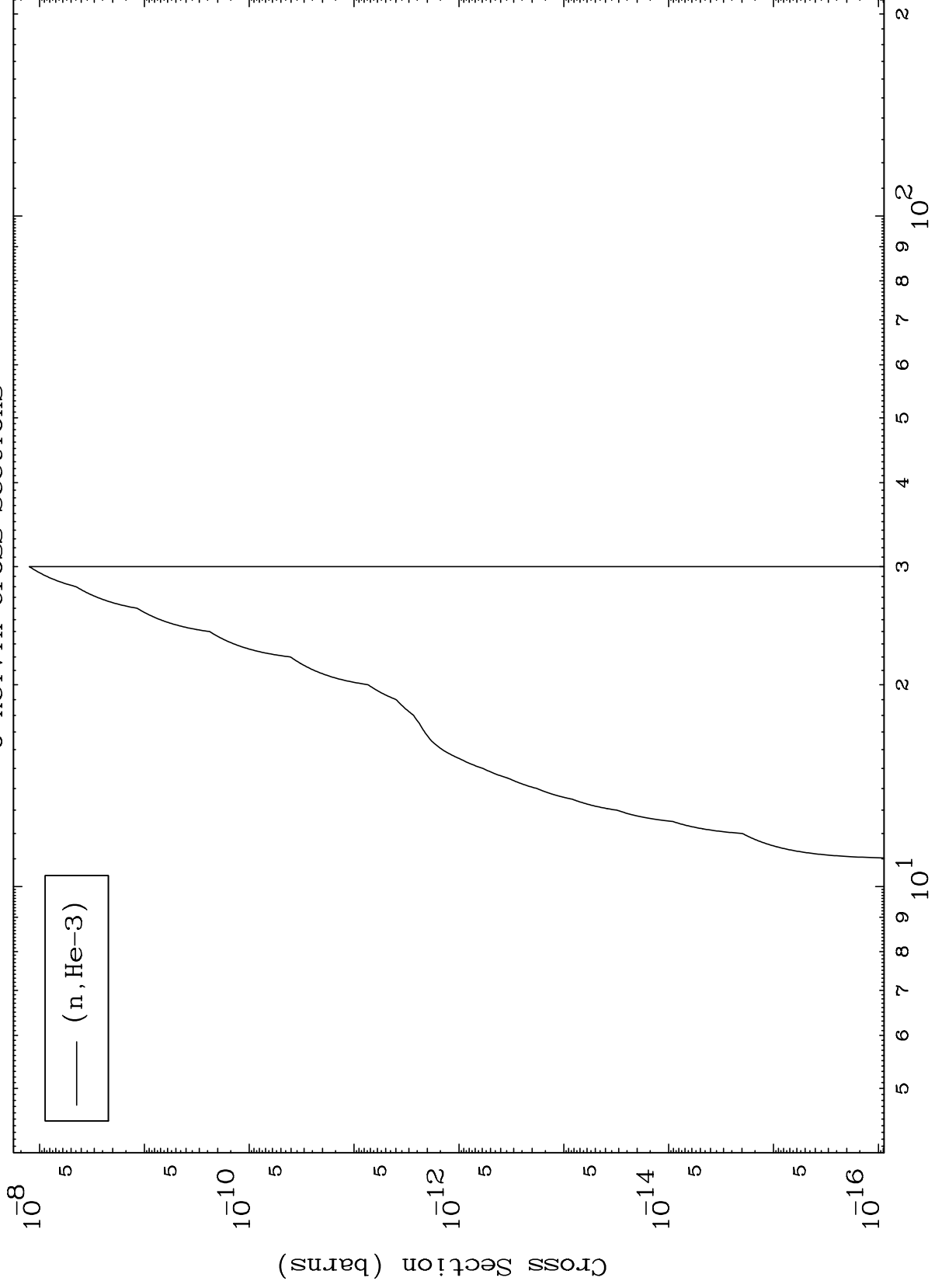
82-Pb-189



MAT 8180

($\gamma, \text{He}3$) Levels
0 Kelvin Cross Sections

82-Pb-189



10

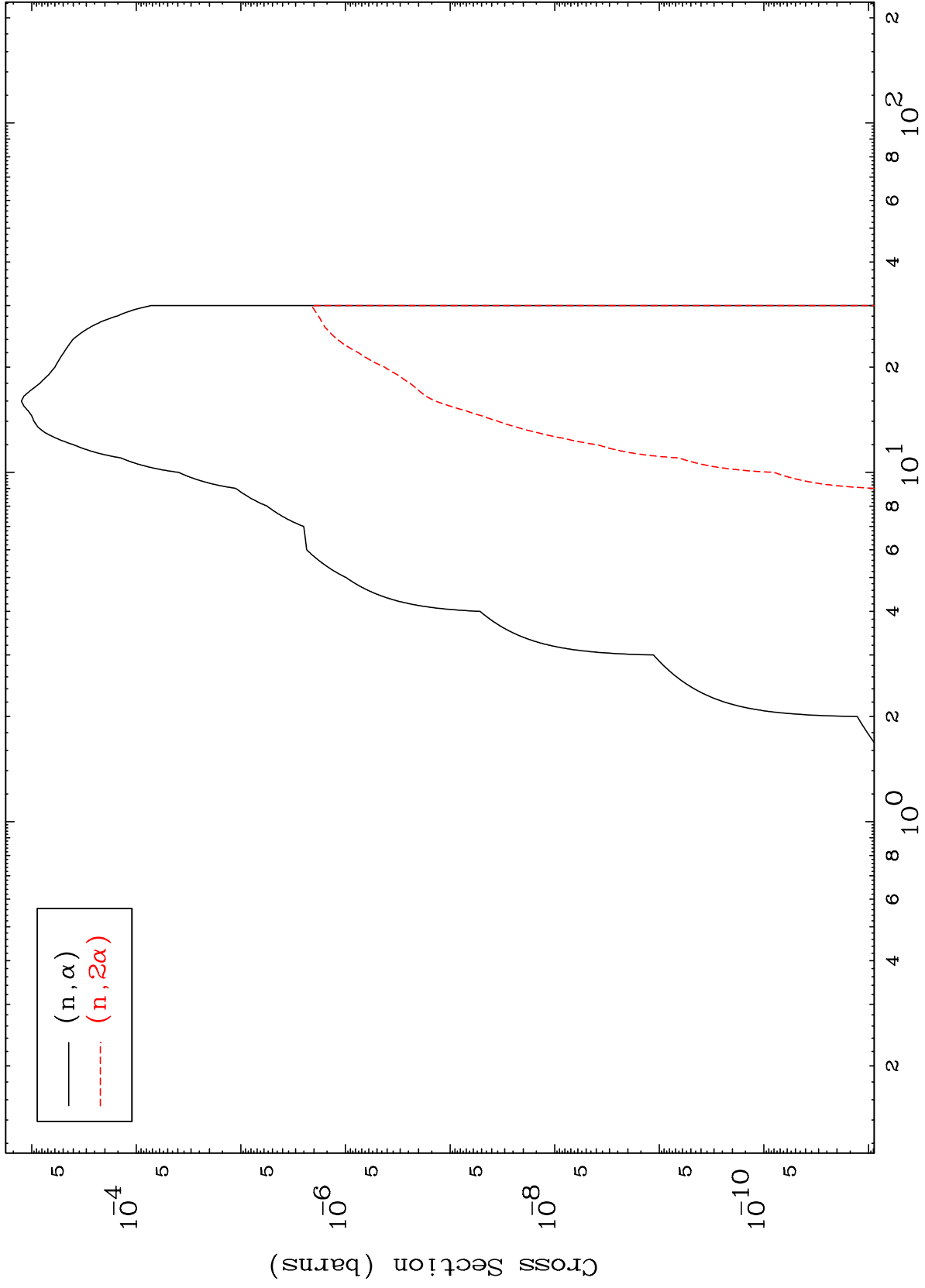
Incident Energy (MeV)

82-Pb-189

MAT 8180

(γ, α) Levels
0 Kelvin Cross Sections

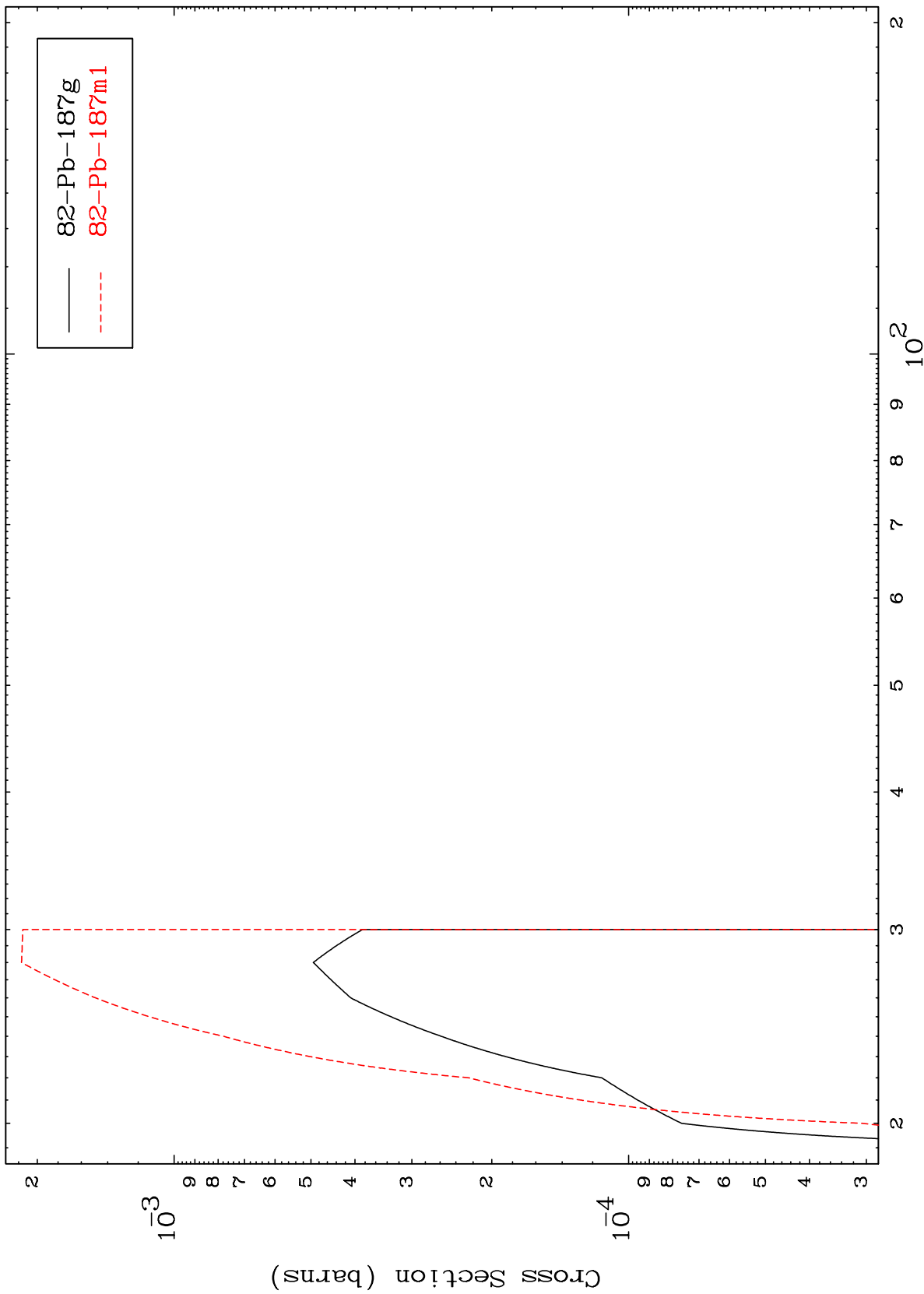
82-Pb-189



MAT 8180

82-Pb-189

(n,2n)
Radionuclide Production Cross Section



12

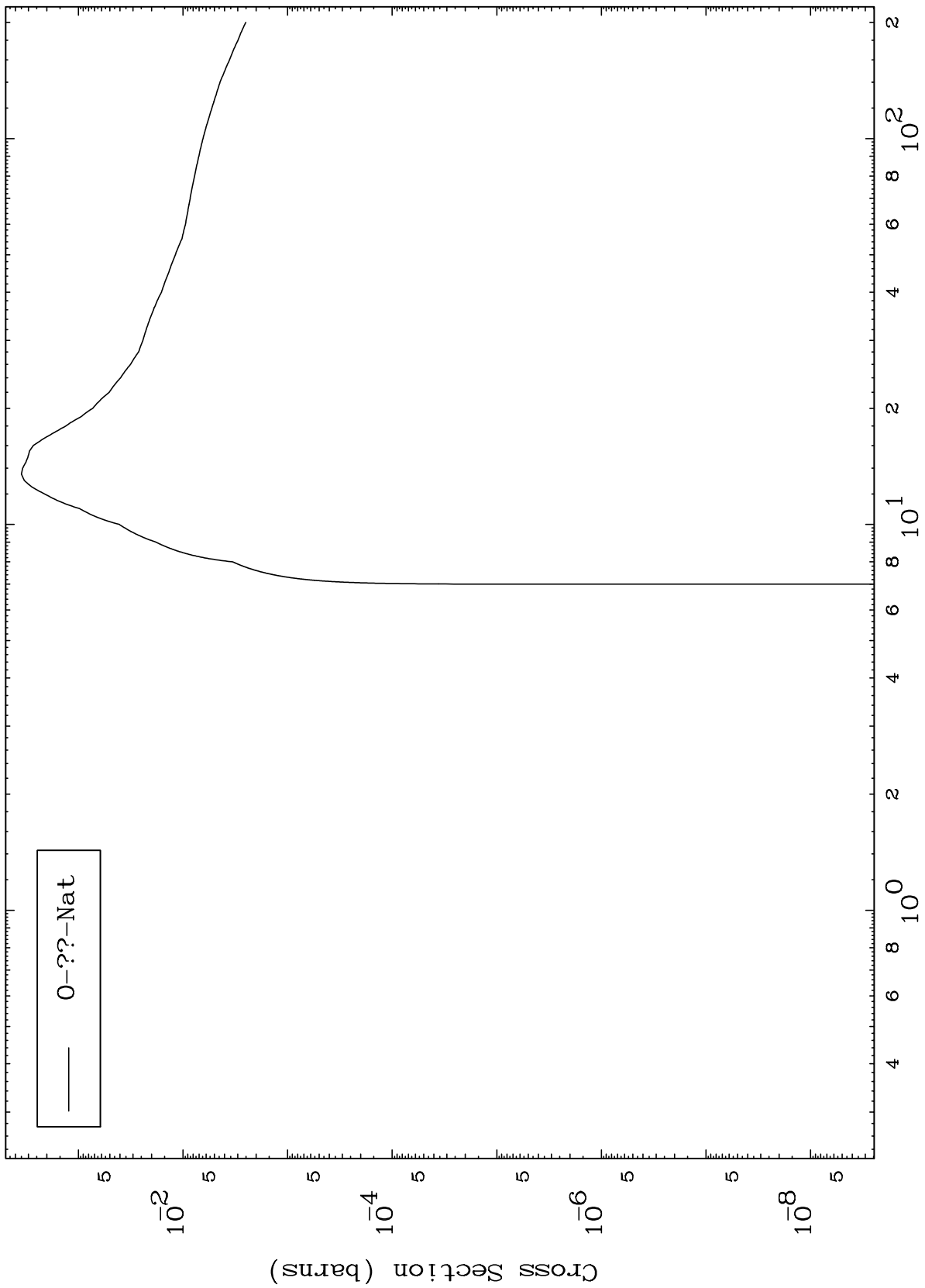
Incident Energy (MeV)

82-Pb-189

MAT 8180

82-Pb-189

Fission
Radionuclide Production Cross Section

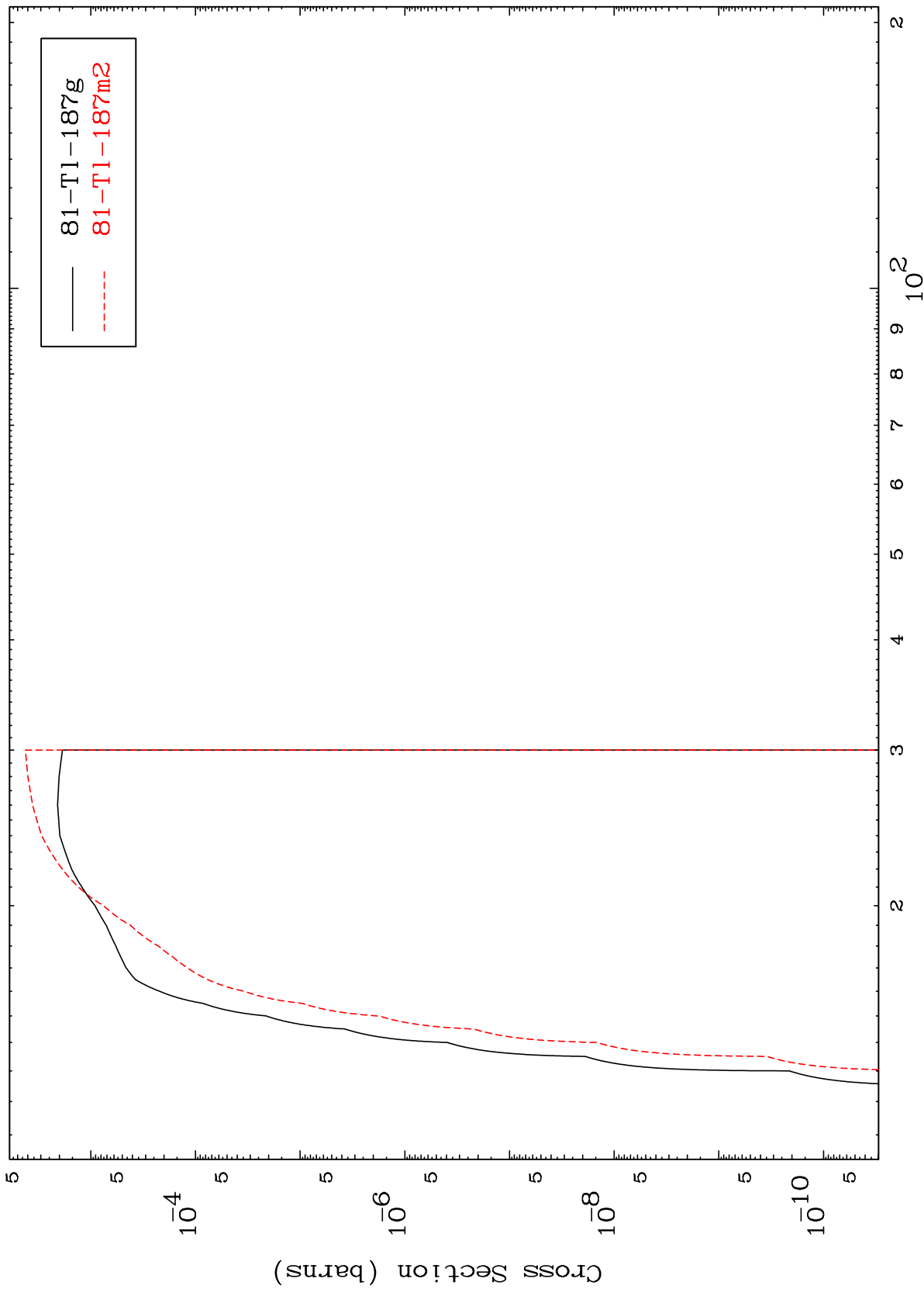


MAT 8180

(n,n') p

82-Pb-189

Radionuclide Production Cross Section



14

Incident Energy (MeV)

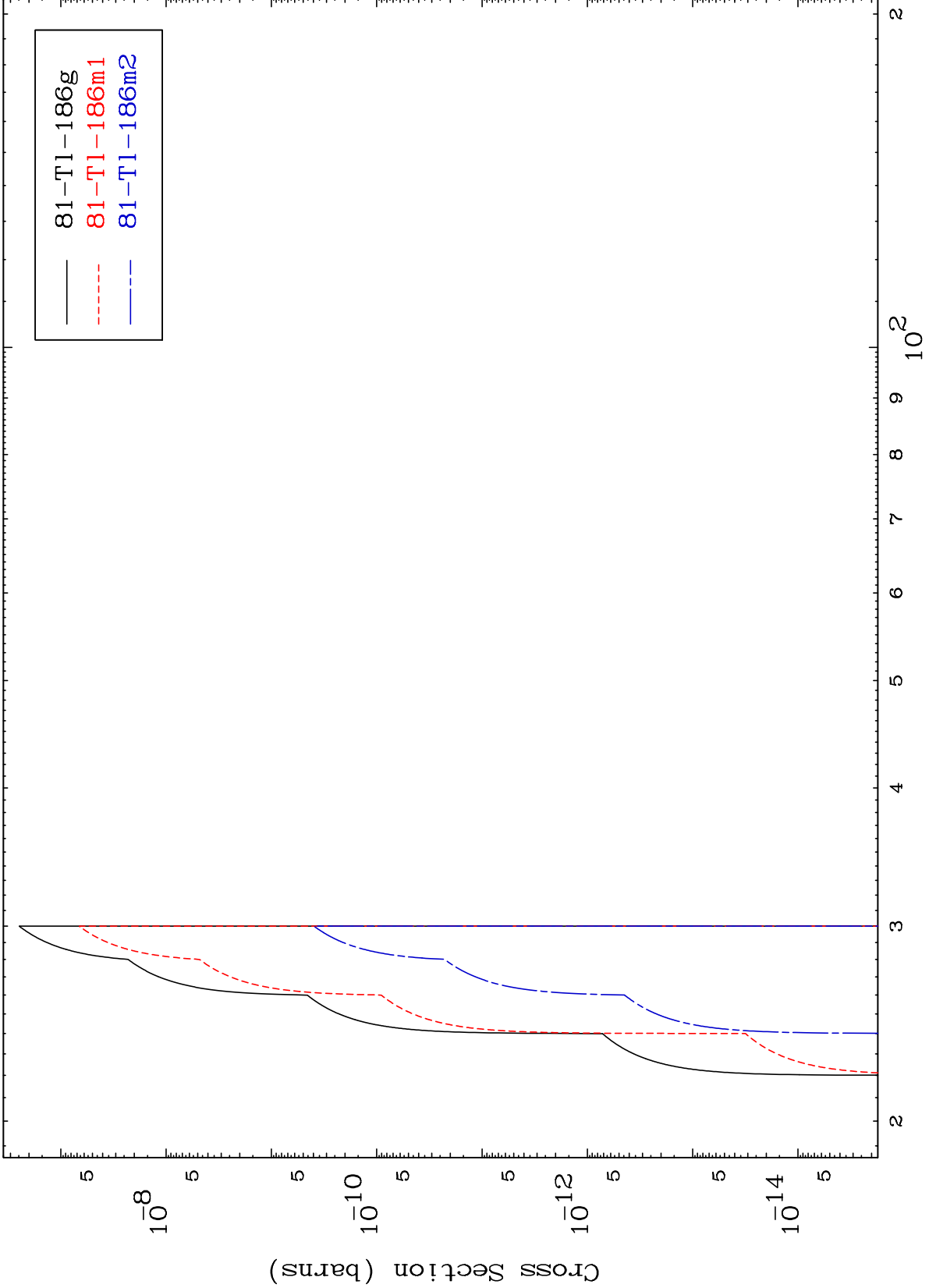
82-Pb-189

MAT 8180

(n,n') d

82-Pb-189

Radionuclide Production Cross Section

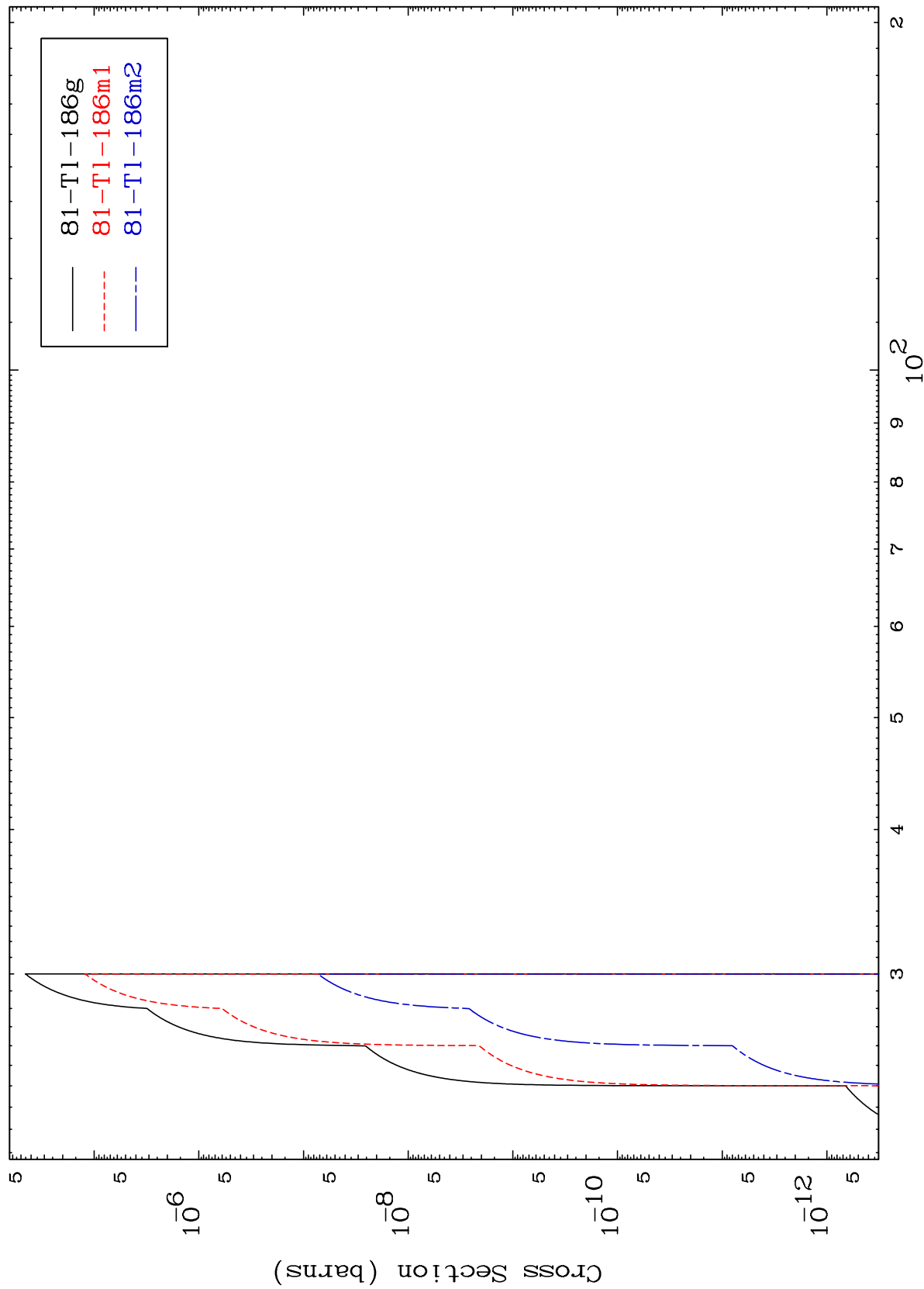


15

Incident Energy (MeV)

82-Pb-189

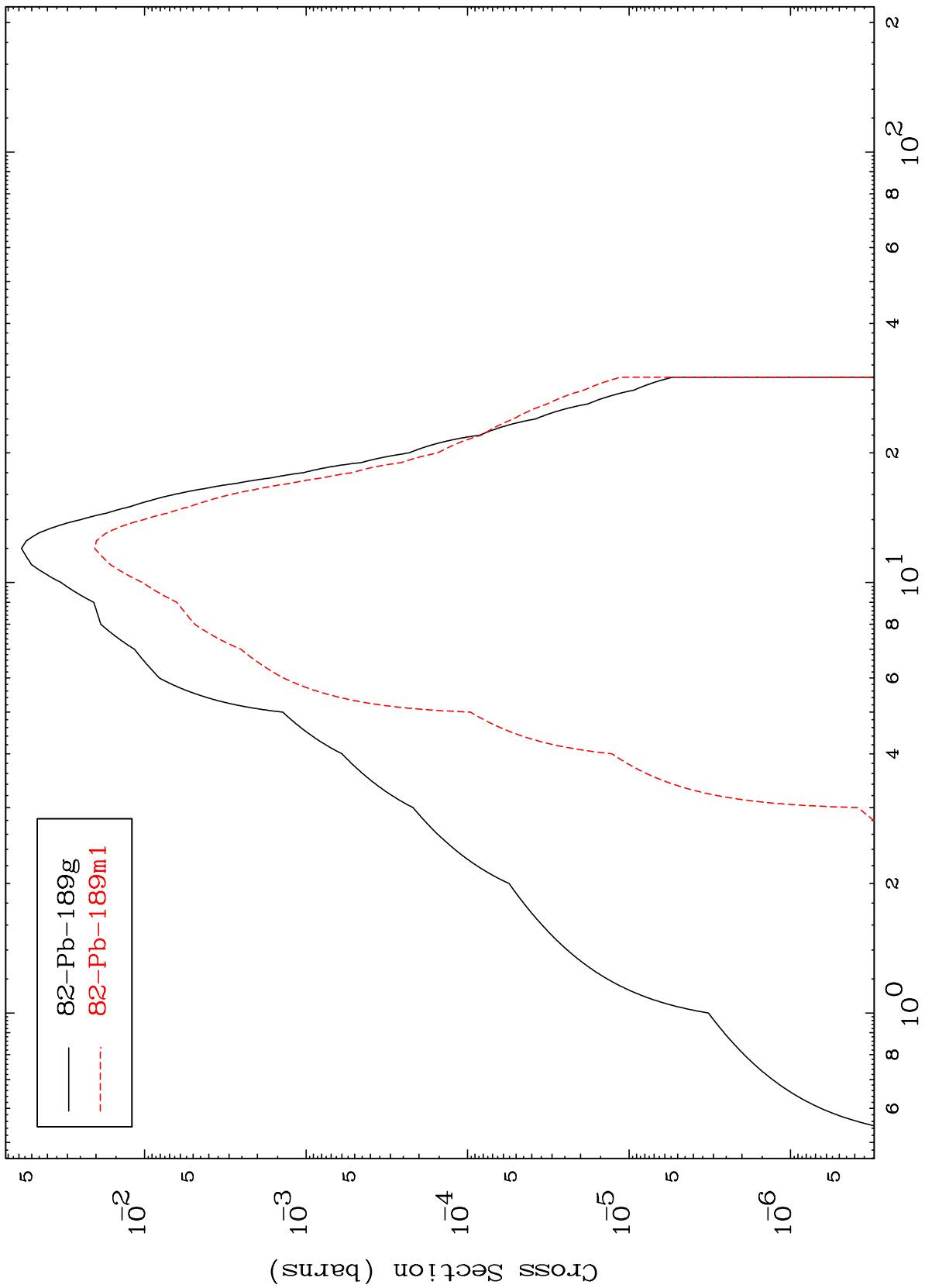
Radionuclide Production Cross Section



MAT 8180

82-Pb-189

(n, γ)
Radionuclide Production Cross Section



— 82-Pb-189g
- - - 82-Pb-189m1

82-Pb-189

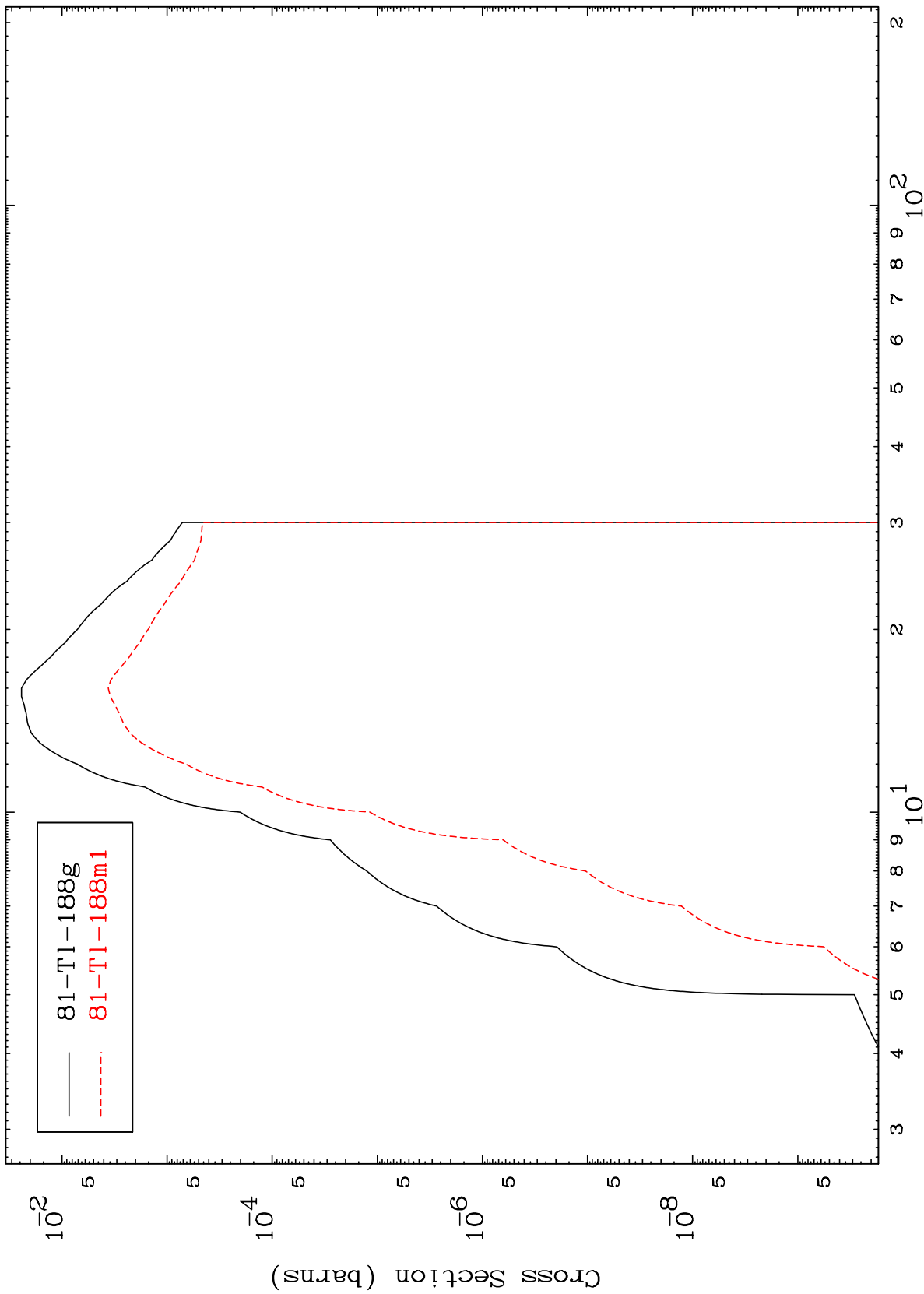
Incident Energy (MeV)

17

MAT 8180

82-Pb-189

(n,p)
Radionuclide Production Cross Section



81-Tl-188g
81-Tl-188m1

18

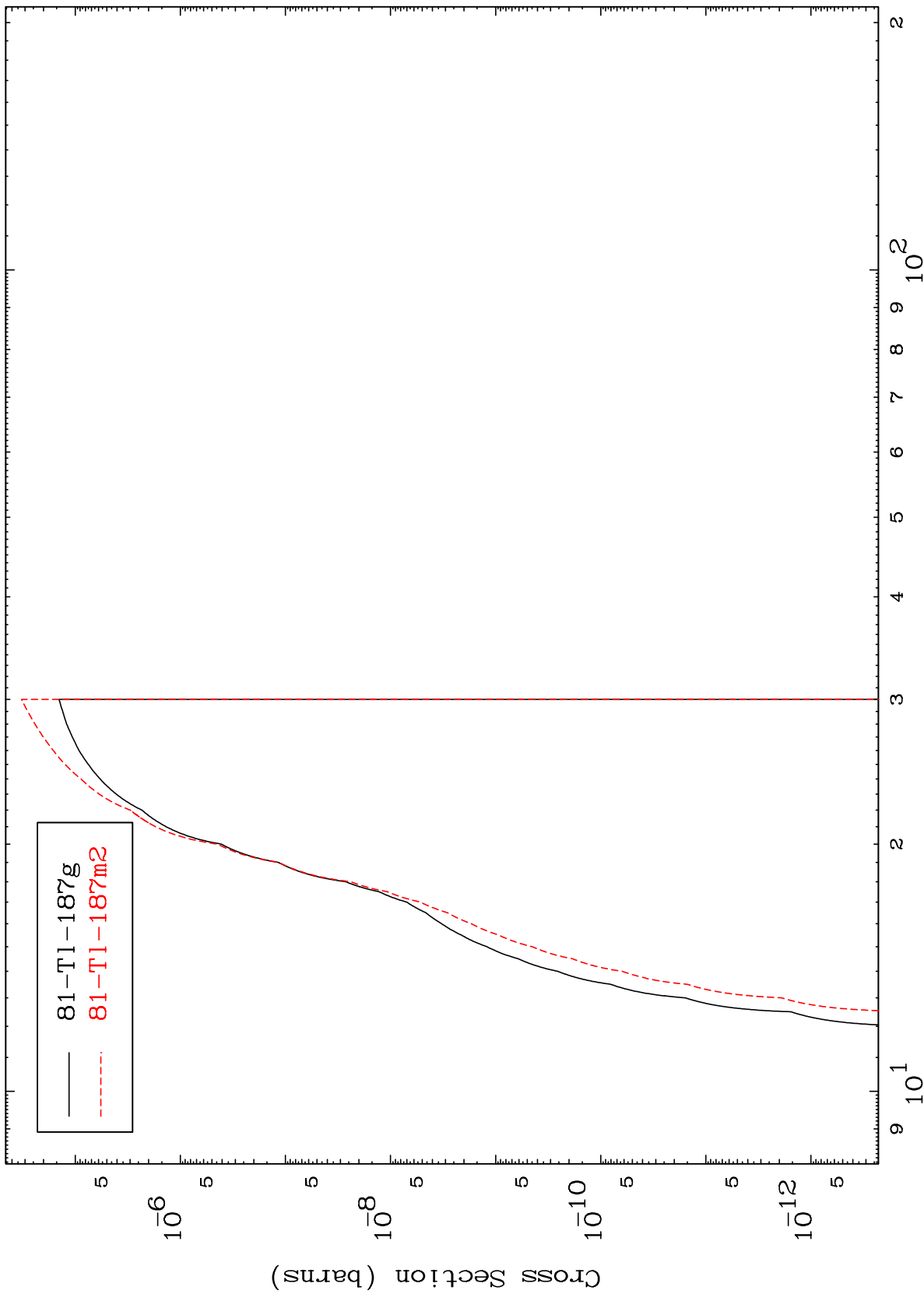
Incident Energy (MeV)

82-Pb-189

MAT 8180

82-Pb-189

(n,d)
Radionuclide Production Cross Section



19

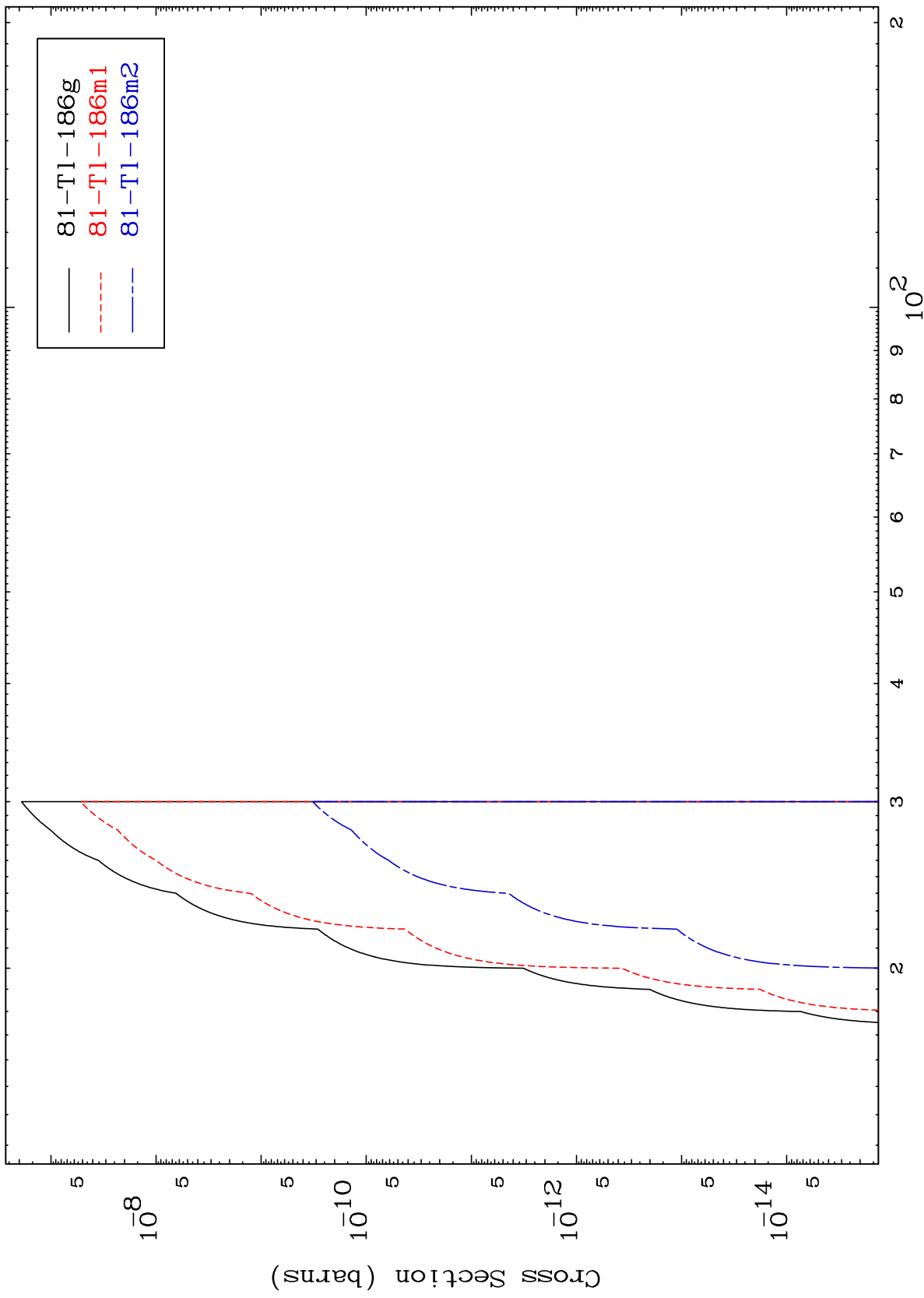
Incident Energy (MeV)

82-Pb-189

MAT 8180

82-Pb-189

(n,t)
Radionuclide Production Cross Section



20

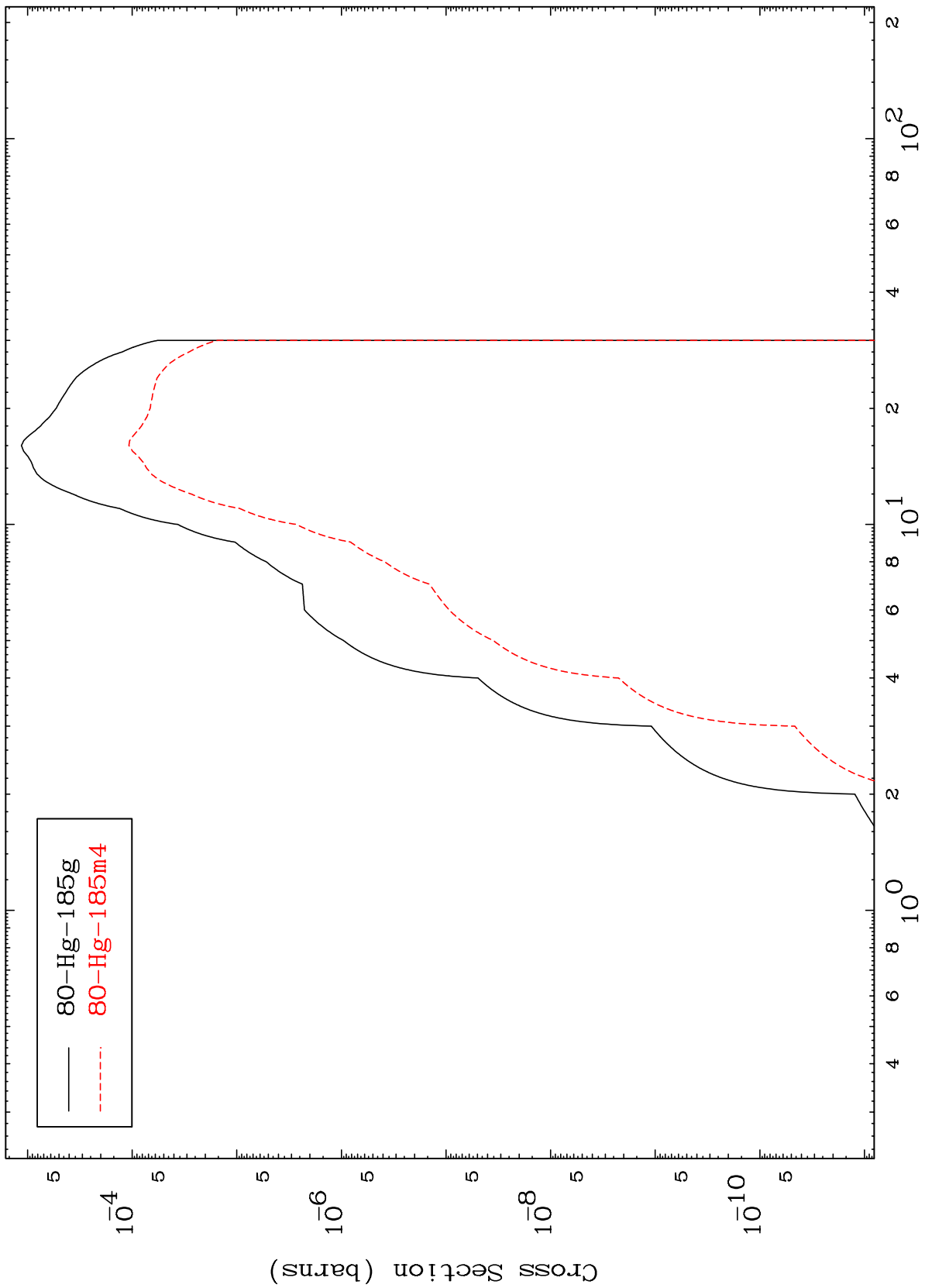
Incident Energy (MeV)

82-Pb-189

MAT 8180

82-Pb-189

(n, α)
Radionuclide Production Cross Section

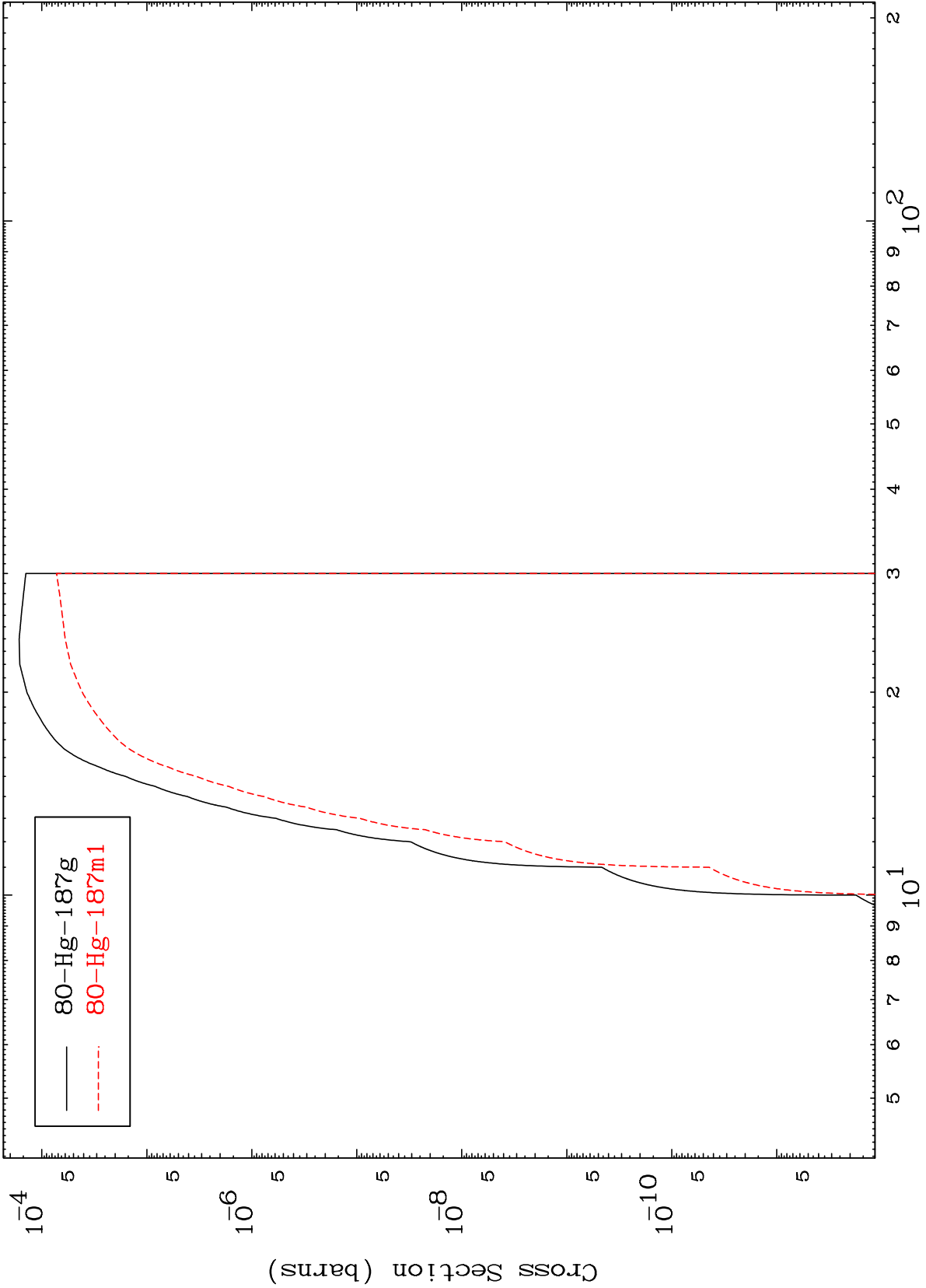


— 80-Hg-185g
- - - 80-Hg-185m4

MAT 8180

82-Pb-189

(n,2p)
Radionuclide Production Cross Section



22

Incident Energy (MeV)

82-Pb-189

MAT 8180

(n,p) α

82-Pb-189

