

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

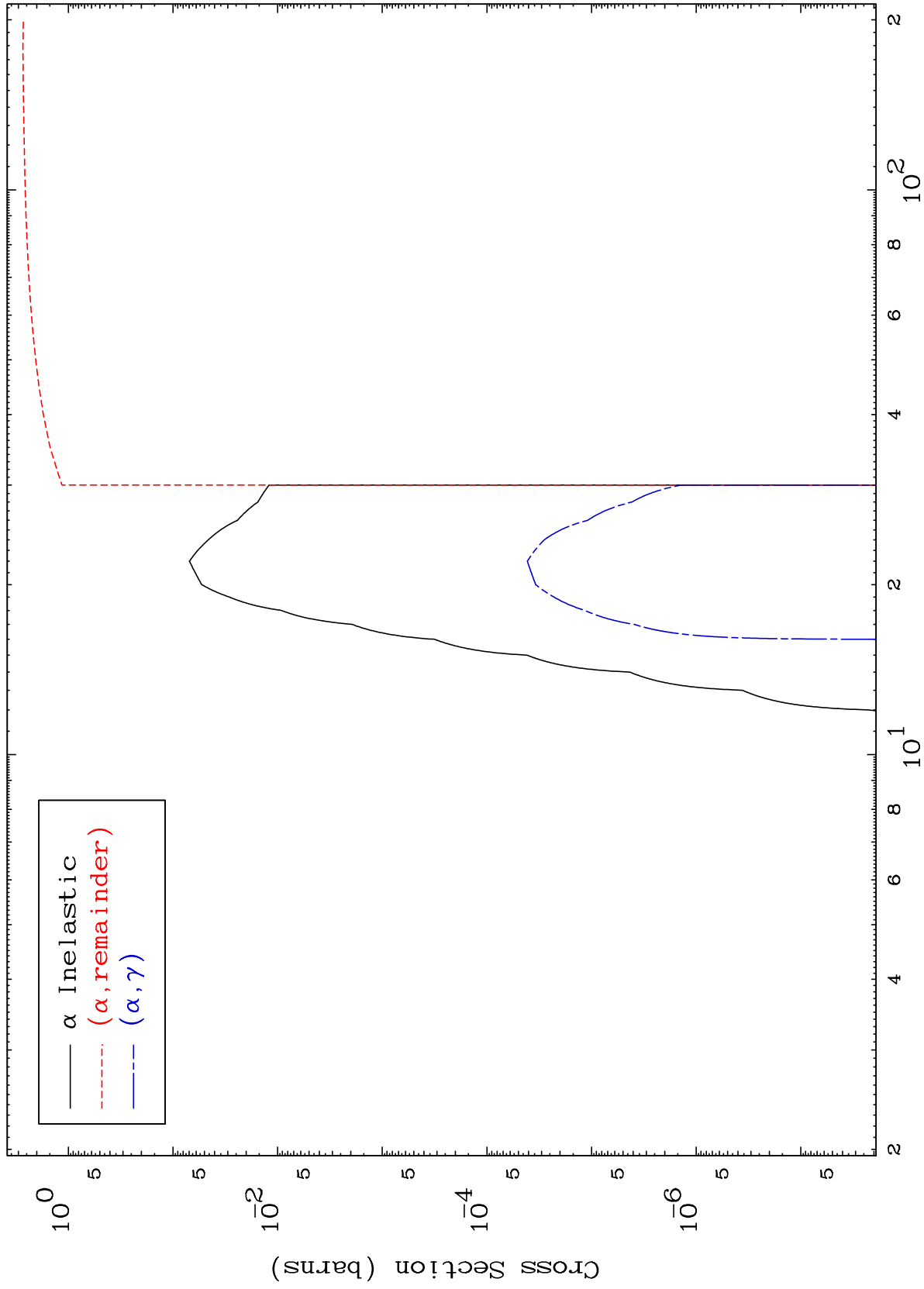
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7831

0 Kelvin α Major

78-Pt-192



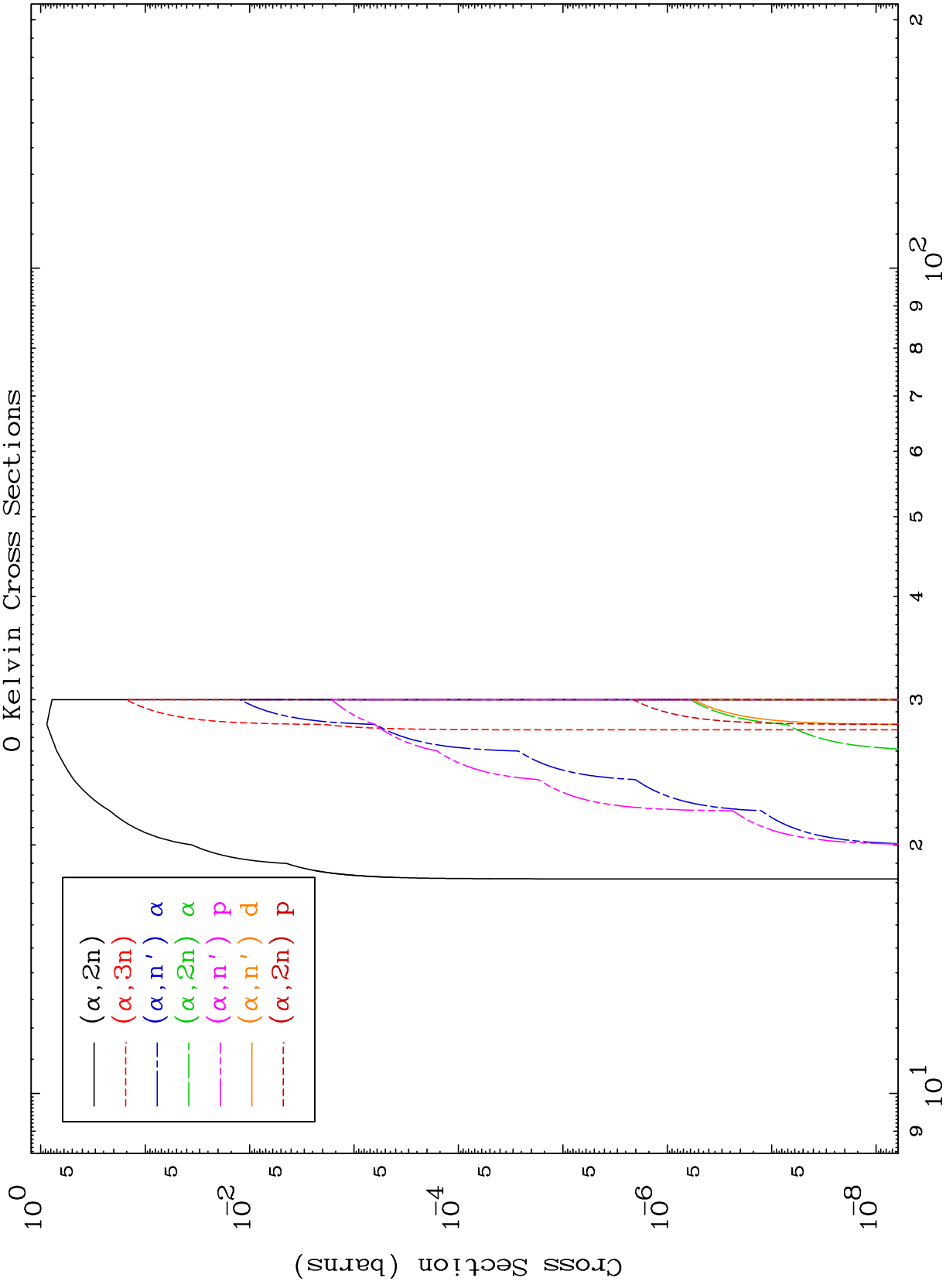
1

78-Pt-192

MAT 7831

α Neutron Production
0 Kelvin Cross Sections

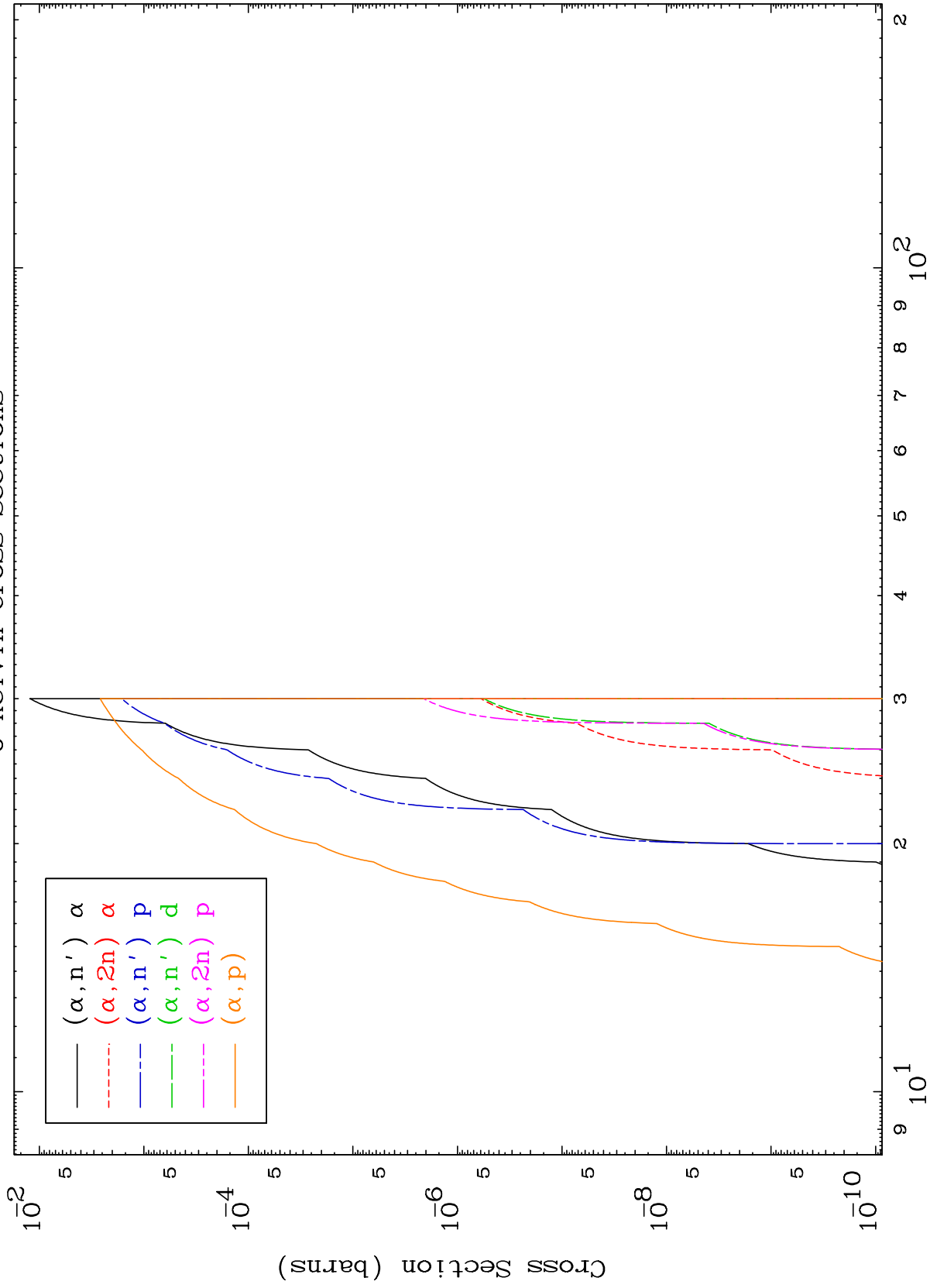
78-Pt-192



2

Incident Energy (MeV)

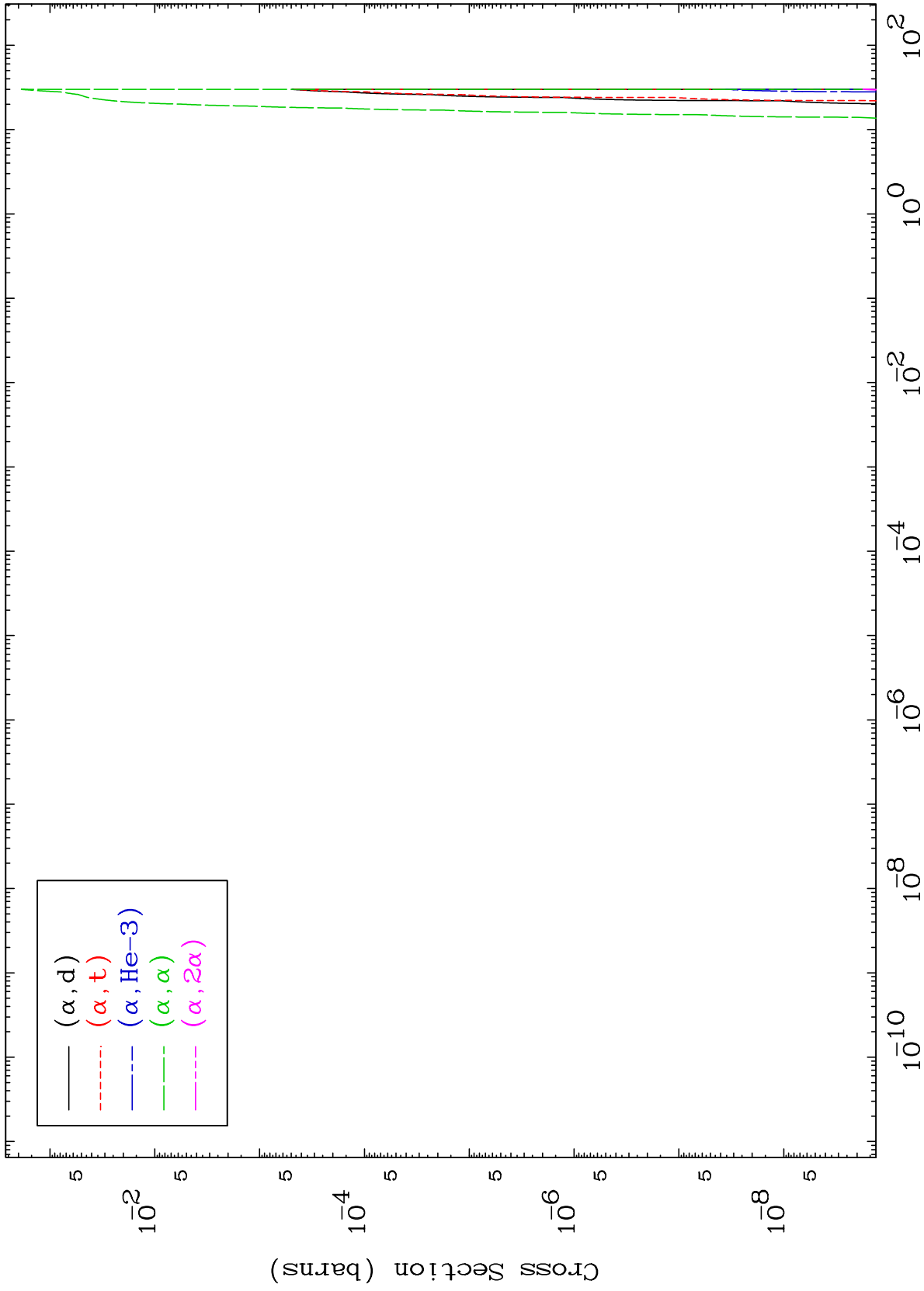
78-Pt-192



MAT 7831

α Charged Particle
0 Kelvin Cross Sections

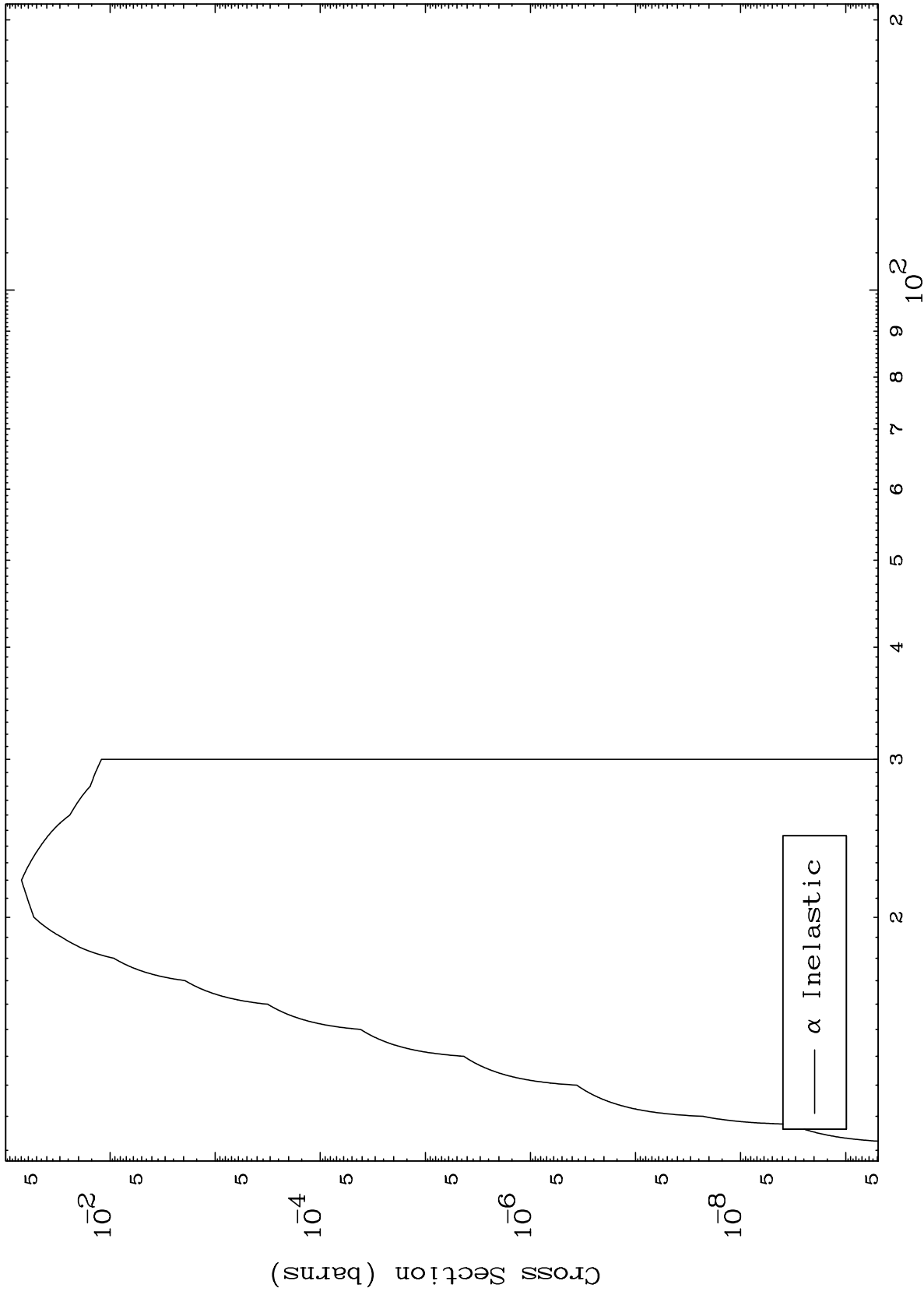
78-Pt-192



MAT 7831

(α, n') Level
0 Kelvin Cross Sections

78-Pt-192



5

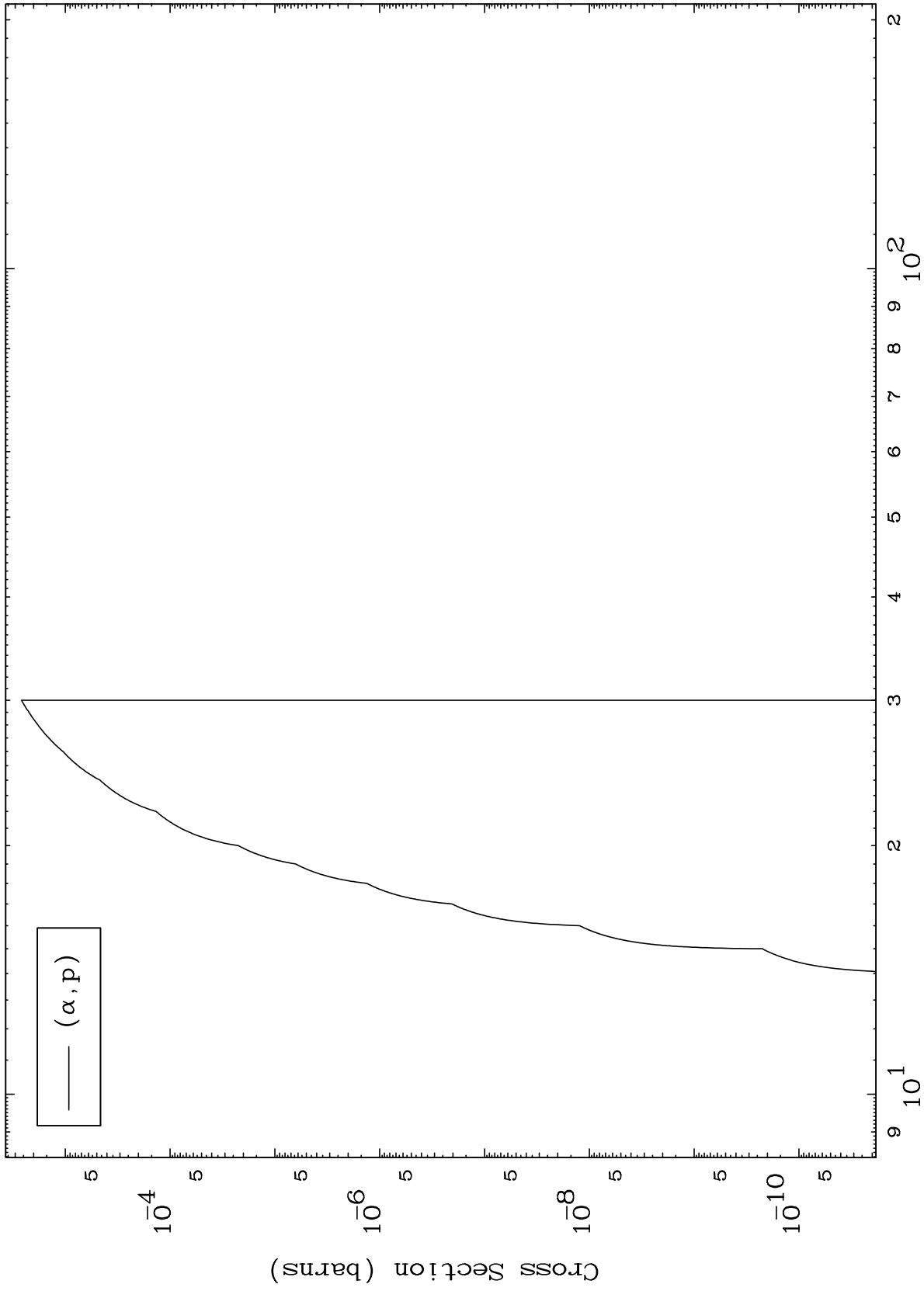
Incident Energy (MeV)

78-Pt-192

MAT 7831

(α, p) Levels
0 Kelvin Cross Sections

78-Pt-192



6

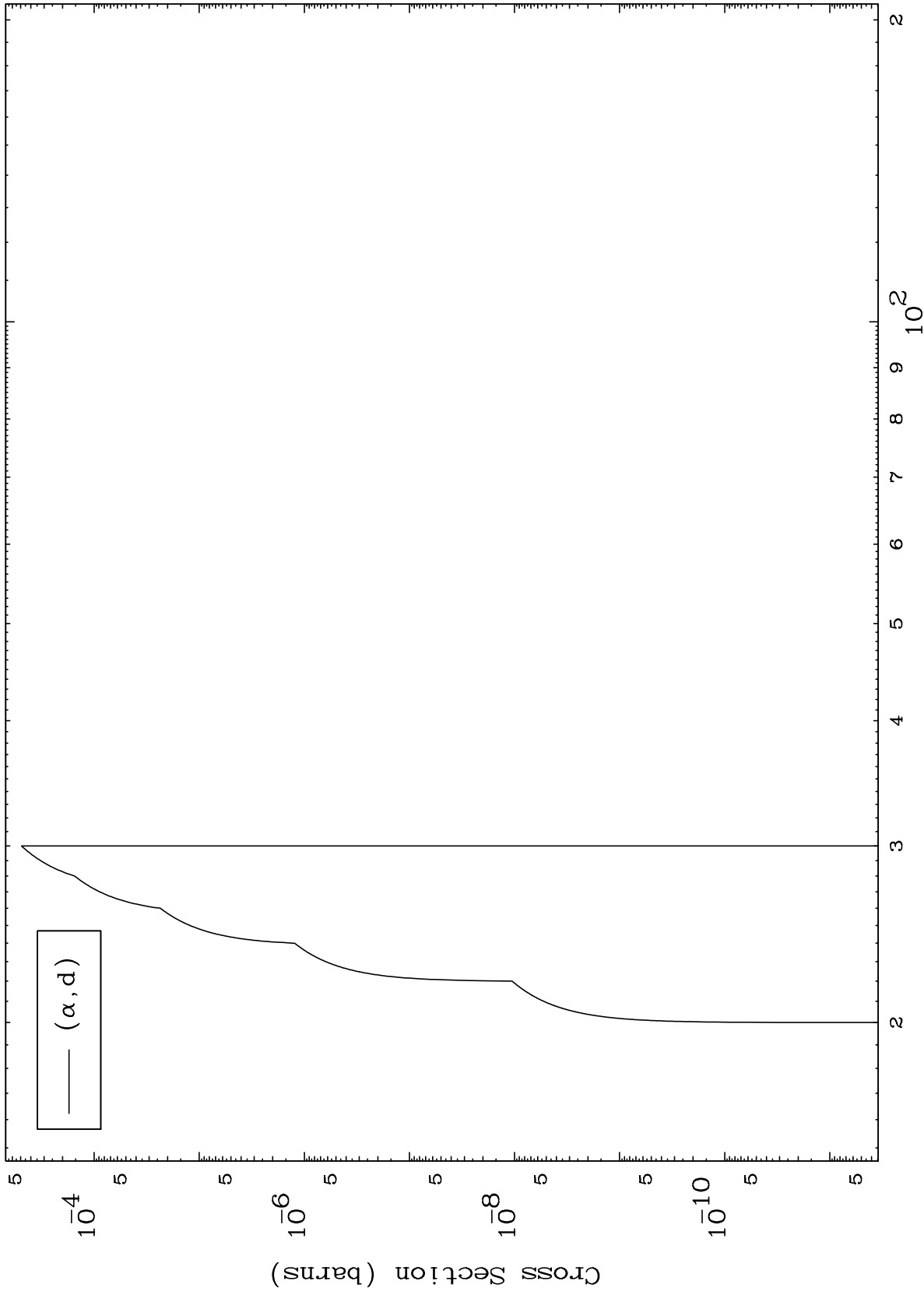
Incident Energy (MeV)

78-Pt-192

MAT 7831

(α, d) Levels
0 Kelvin Cross Sections

78-Pt-192

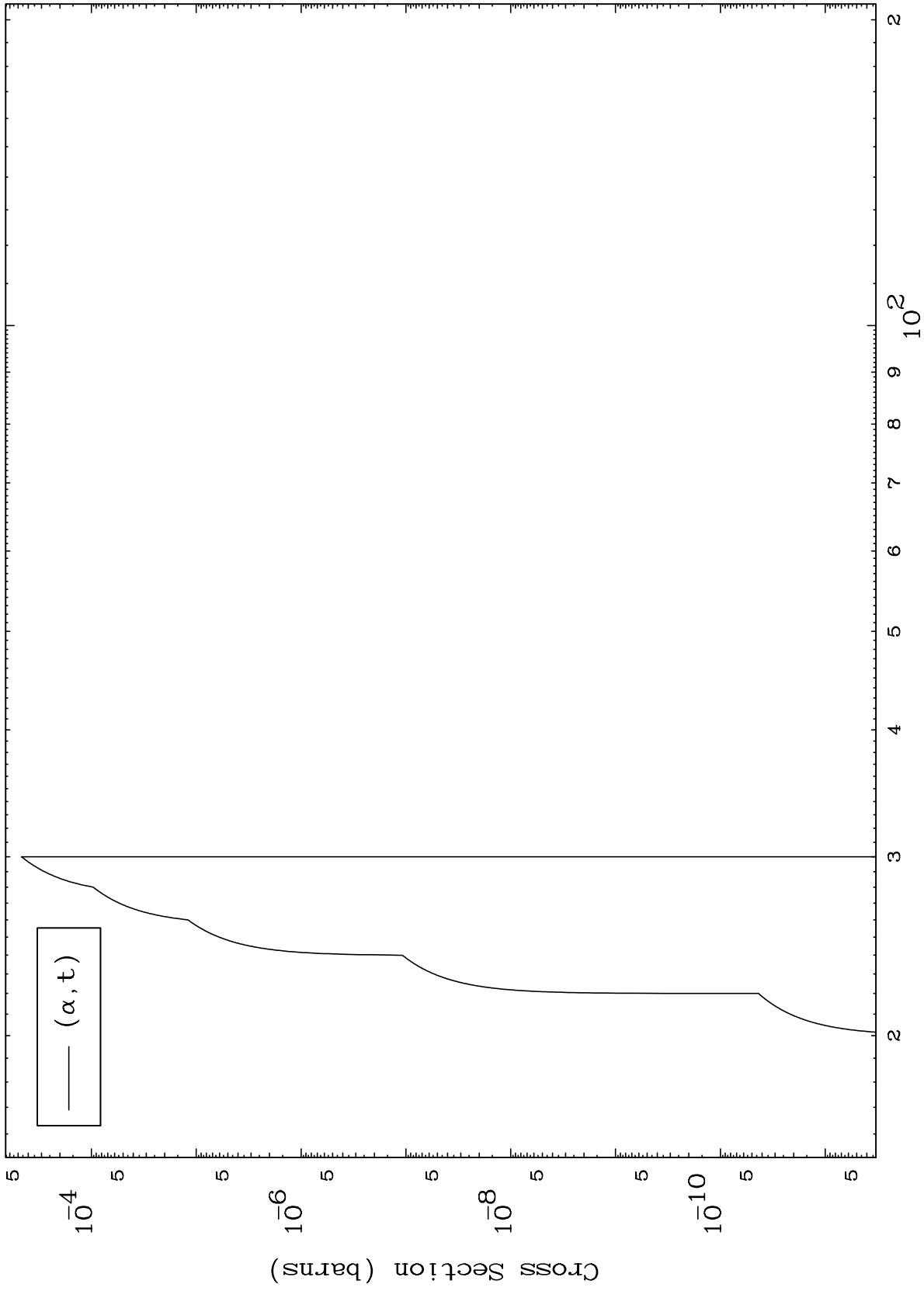


7

MAT 7831

(α, t) Levels
0 Kelvin Cross Sections

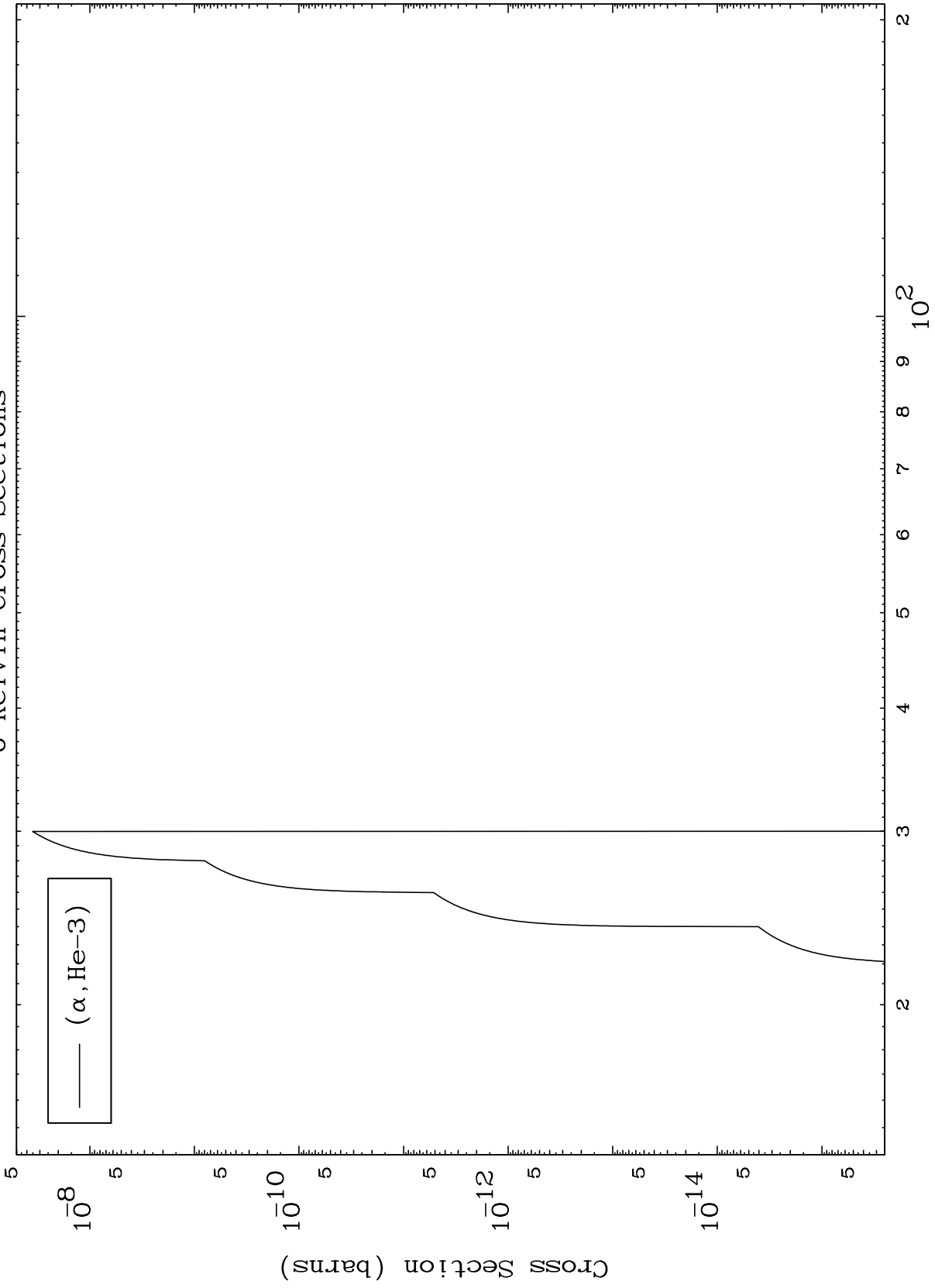
78-Pt-192



8

Incident Energy (MeV)

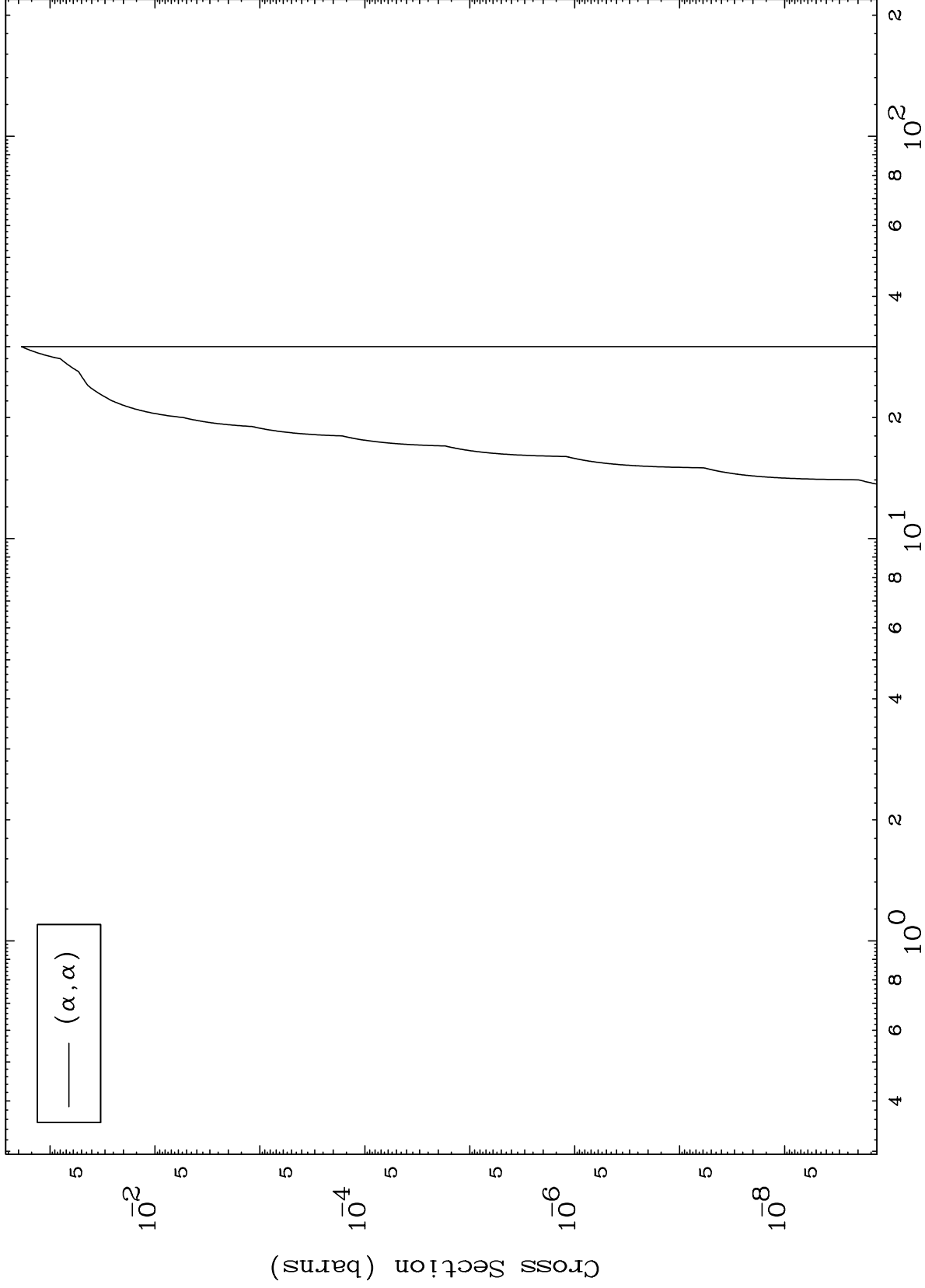
78-Pt-192



MAT 7831

(α, α) Levels
0 Kelvin Cross Sections

78-Pt-192

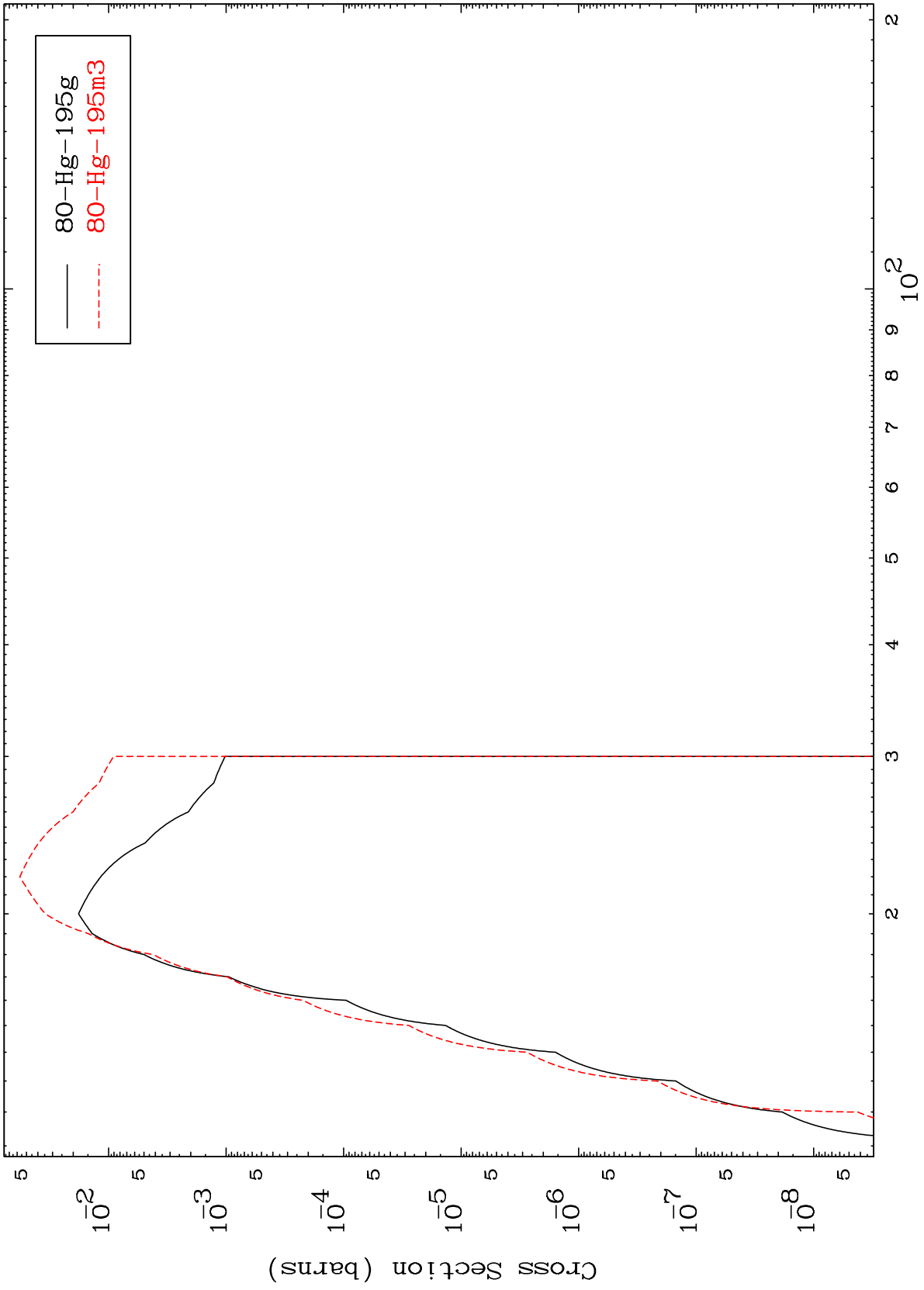


10

Incident Energy (MeV)

78-Pt-192

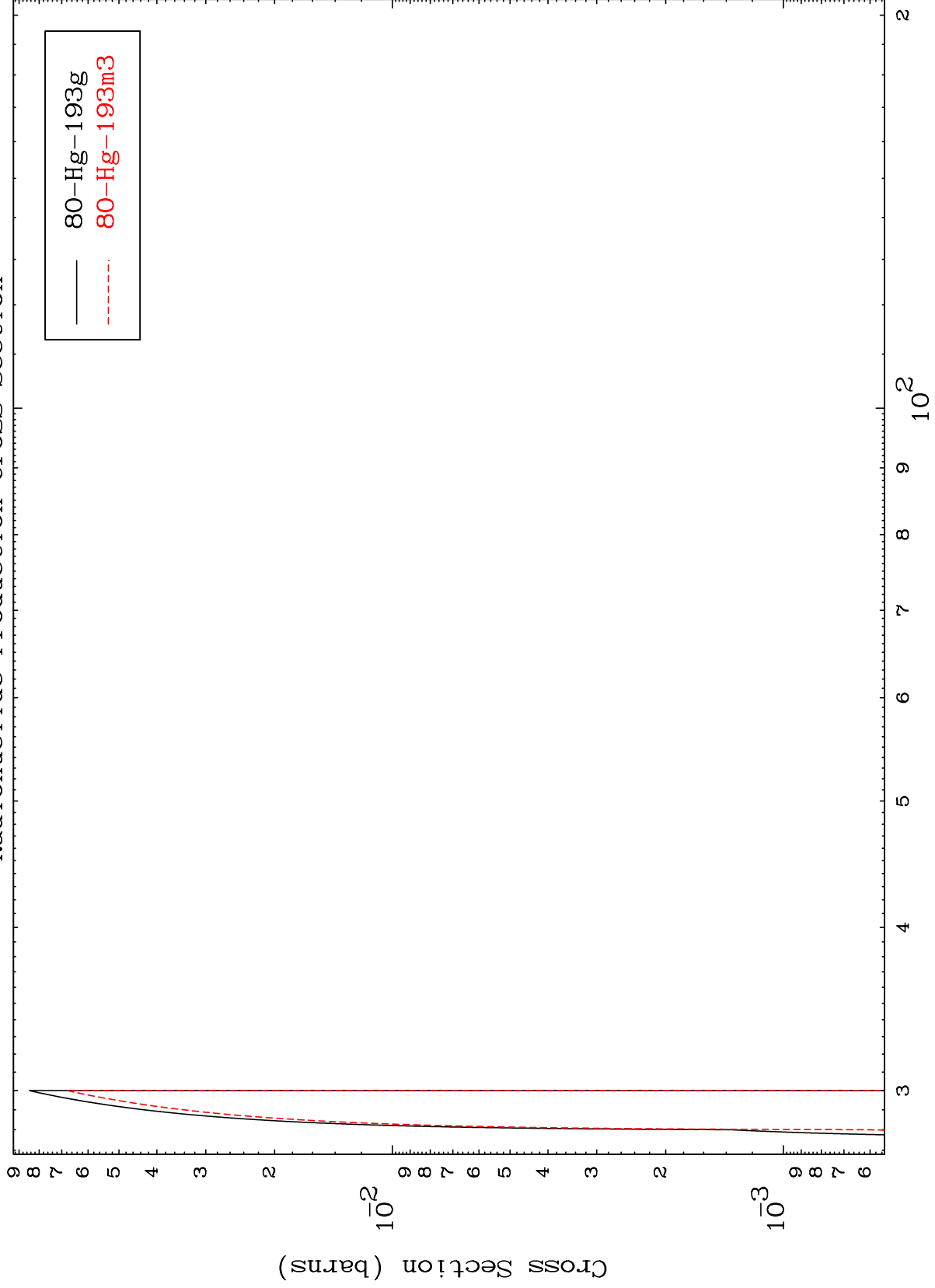
Radionuclide Production Cross Section



MAT 7831

78-Pt-192

($\alpha, 3n$)
Radionuclide Production Cross Section



12

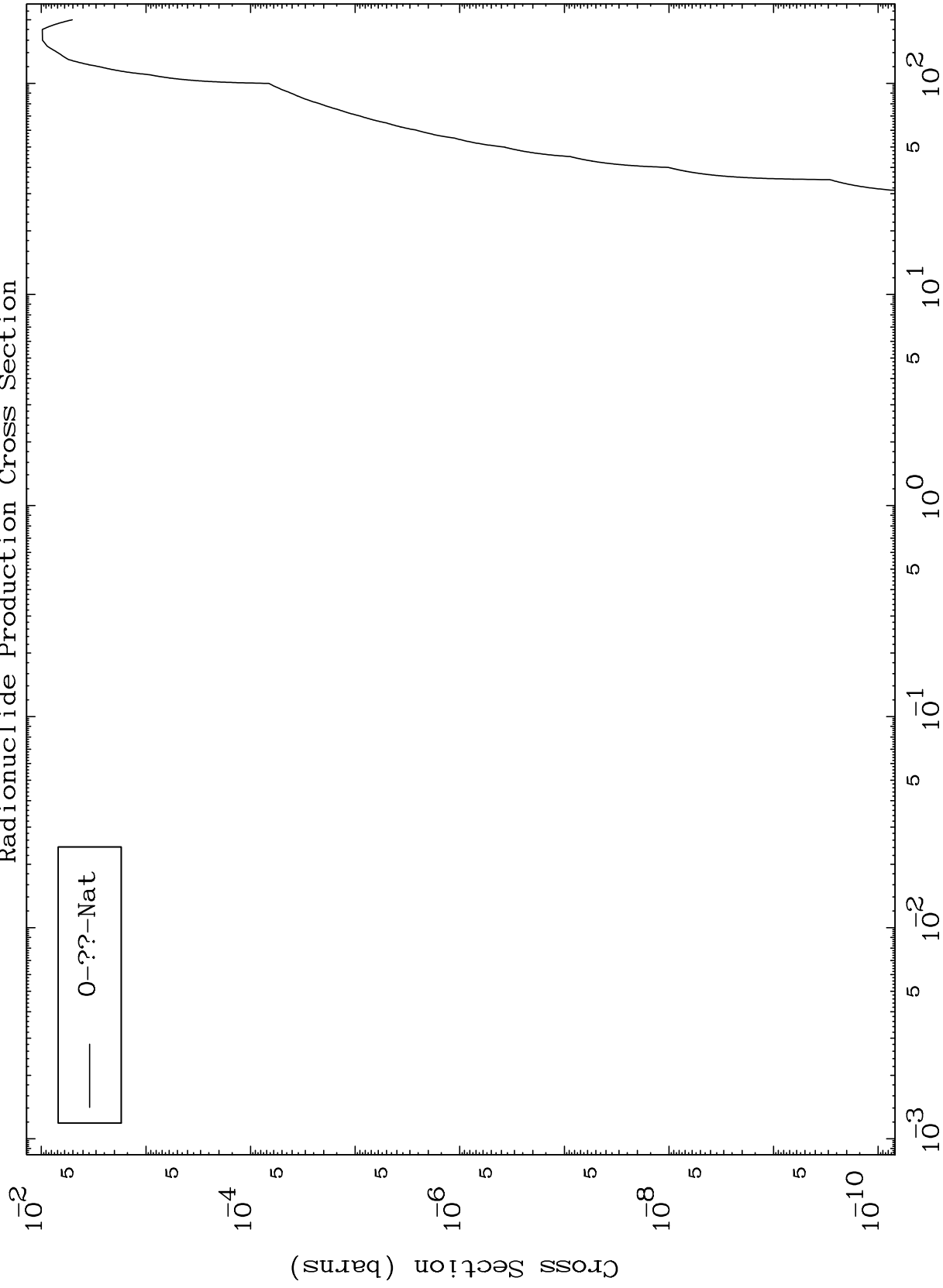
78-Pt-192

Incident Energy (MeV)

MAT 7831

α Fission
Radionuclide Production Cross Section

78-Pt-192



13

Incident Energy (MeV)

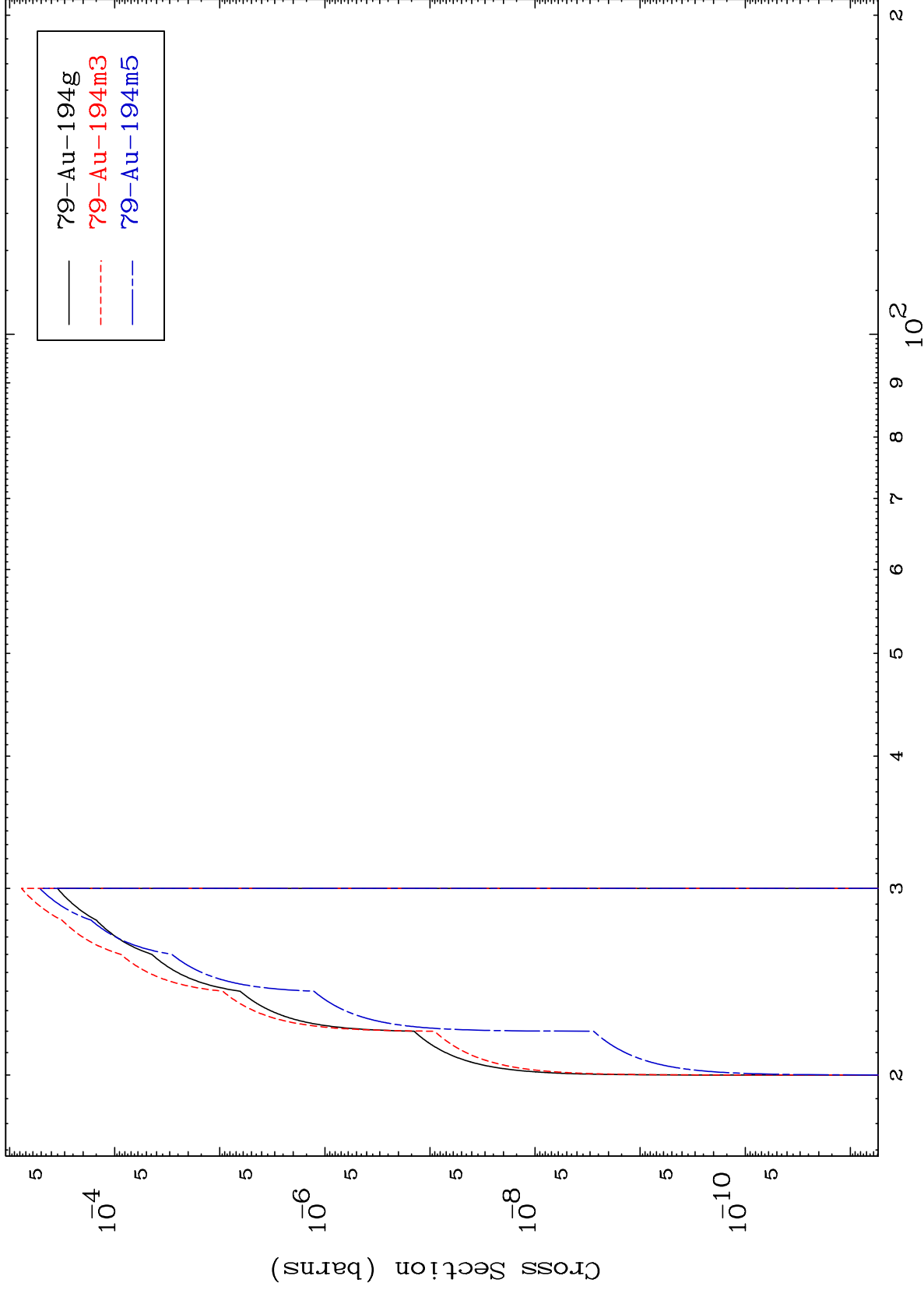
78-Pt-192

MAT 7831

(α, n') p

⁷⁸Pt-192

Radionuclide Production Cross Section



14

Incident Energy (MeV)

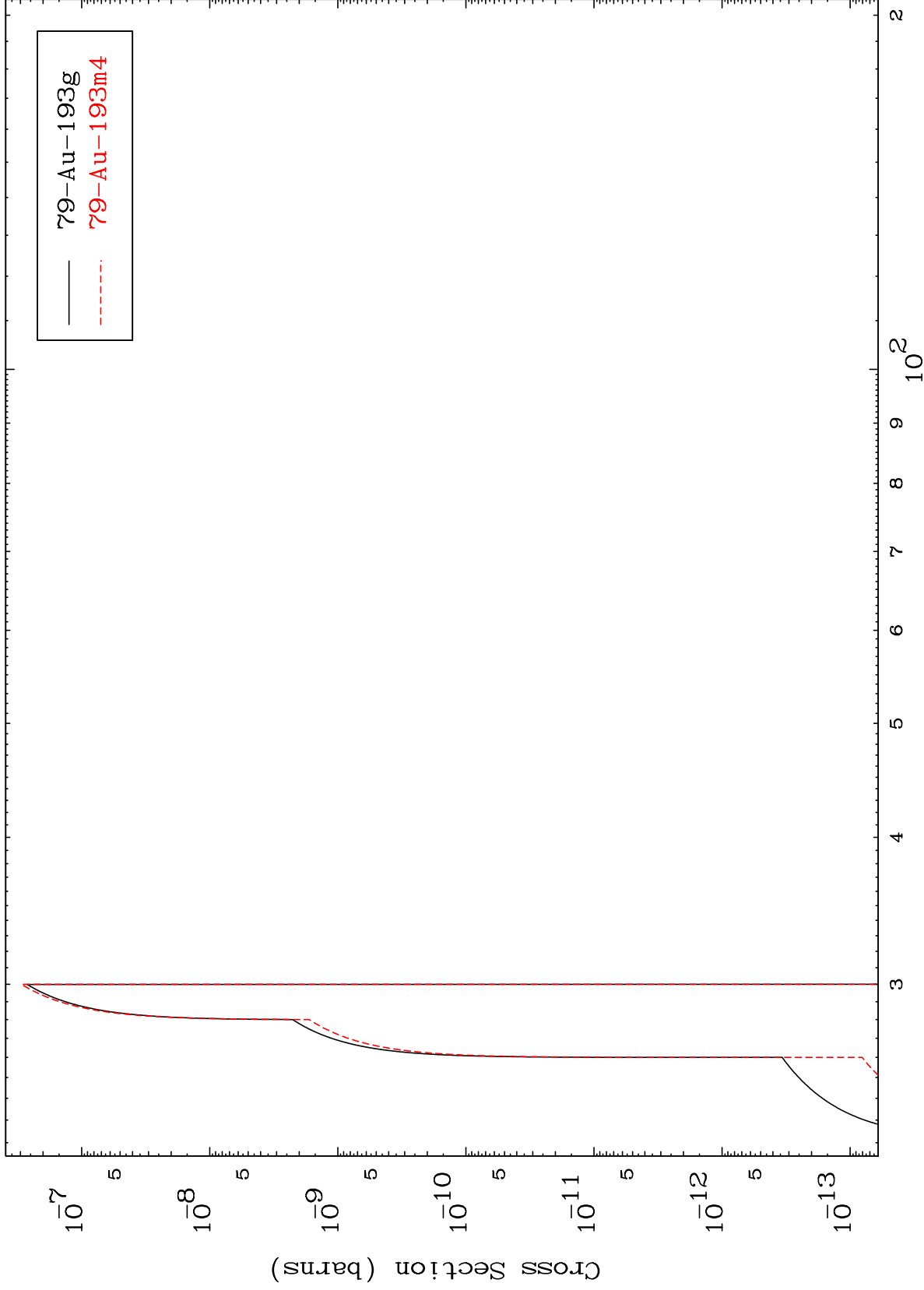
⁷⁸Pt-192

MAT 7831

(α, n') d

78-Pt-192

Radionuclide Production Cross Section



15

Incident Energy (MeV)

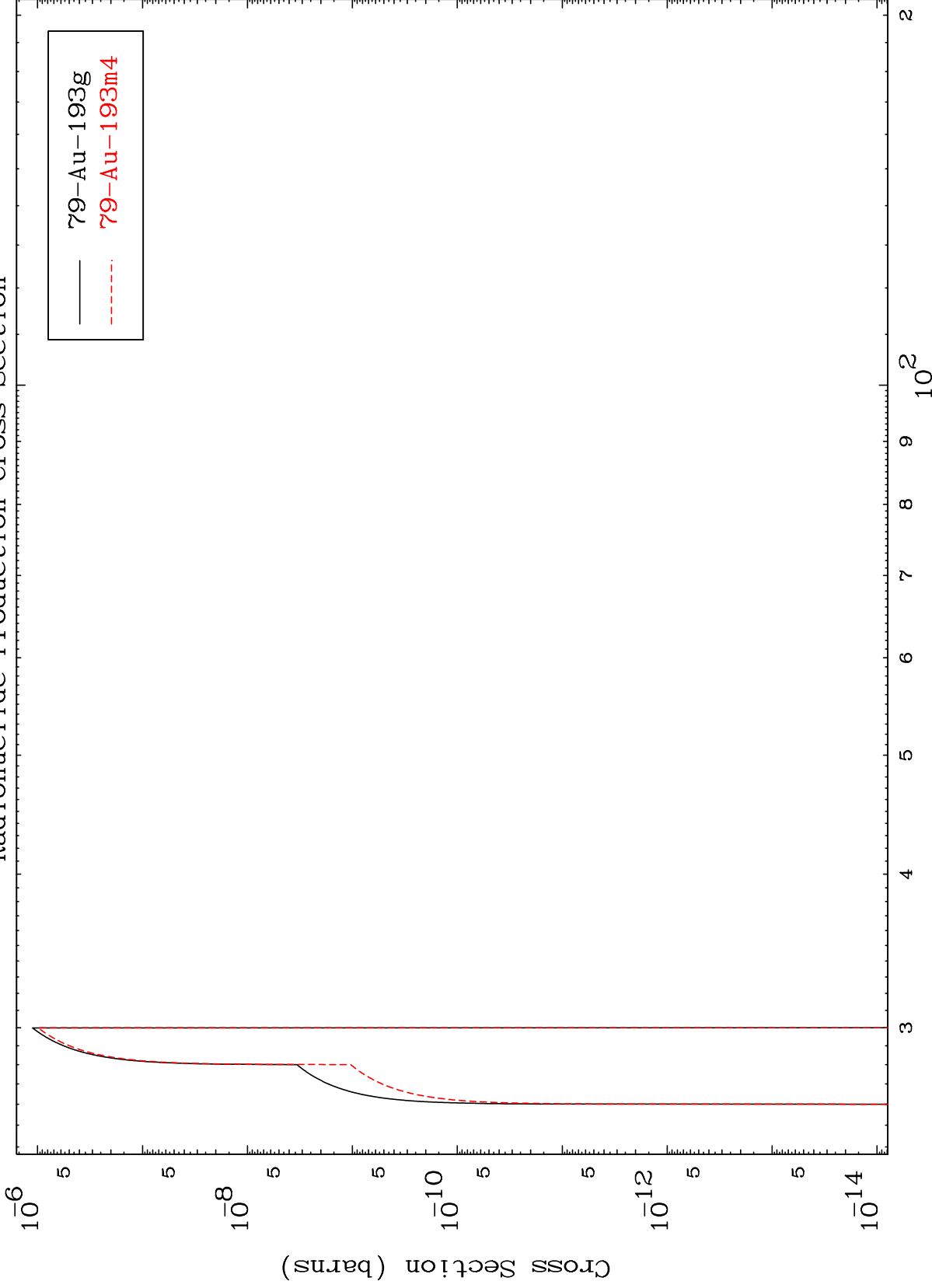
78-Pt-192

MAT 7831

($\alpha, 2n$) p

78-Pt-192

Radionuclide Production Cross Section



16

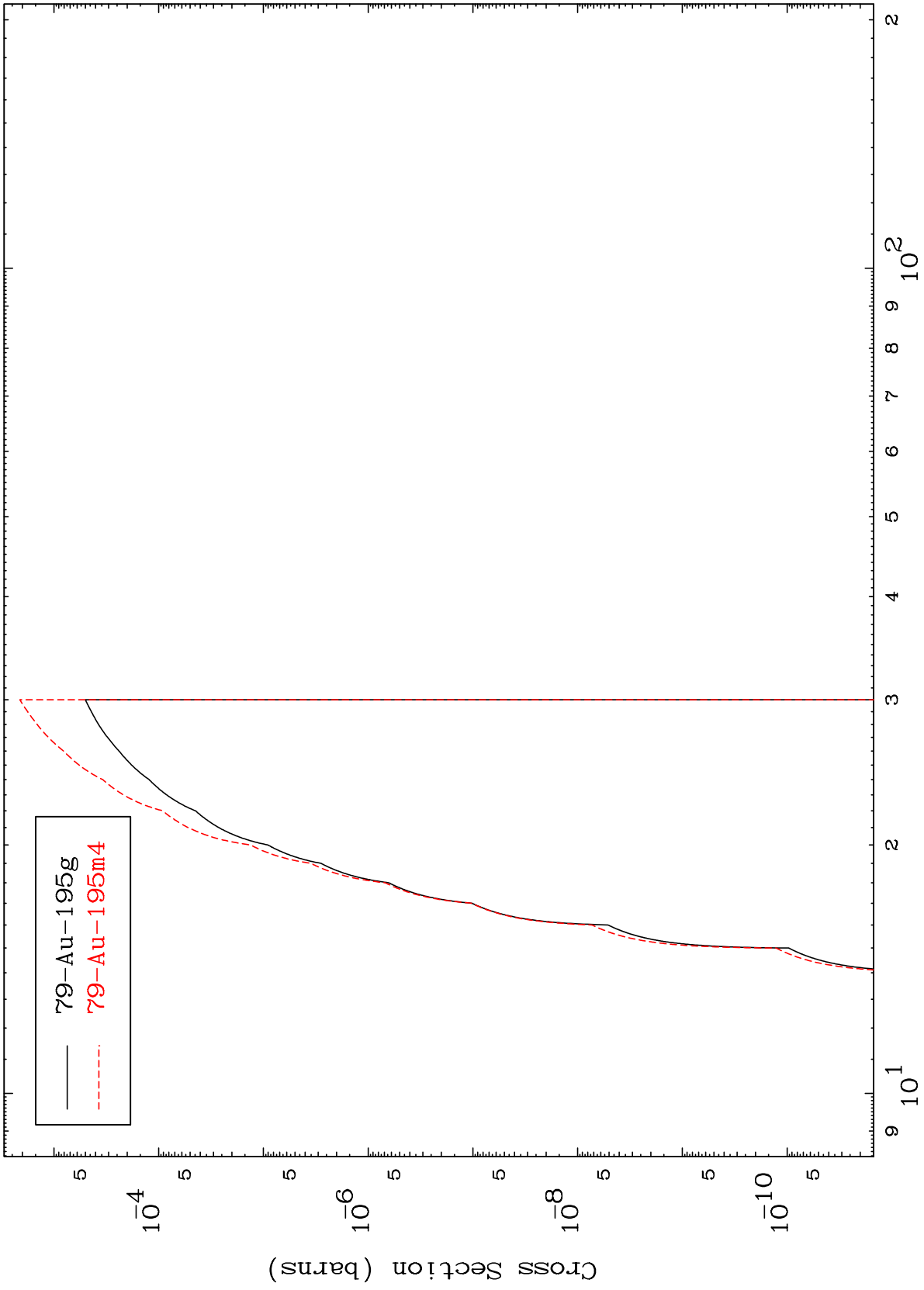
Incident Energy (MeV)

78-Pt-192

MAT 7831

78-Pt-192

Radionuclide Production Cross Section
(α, p)



17

Incident Energy (MeV)

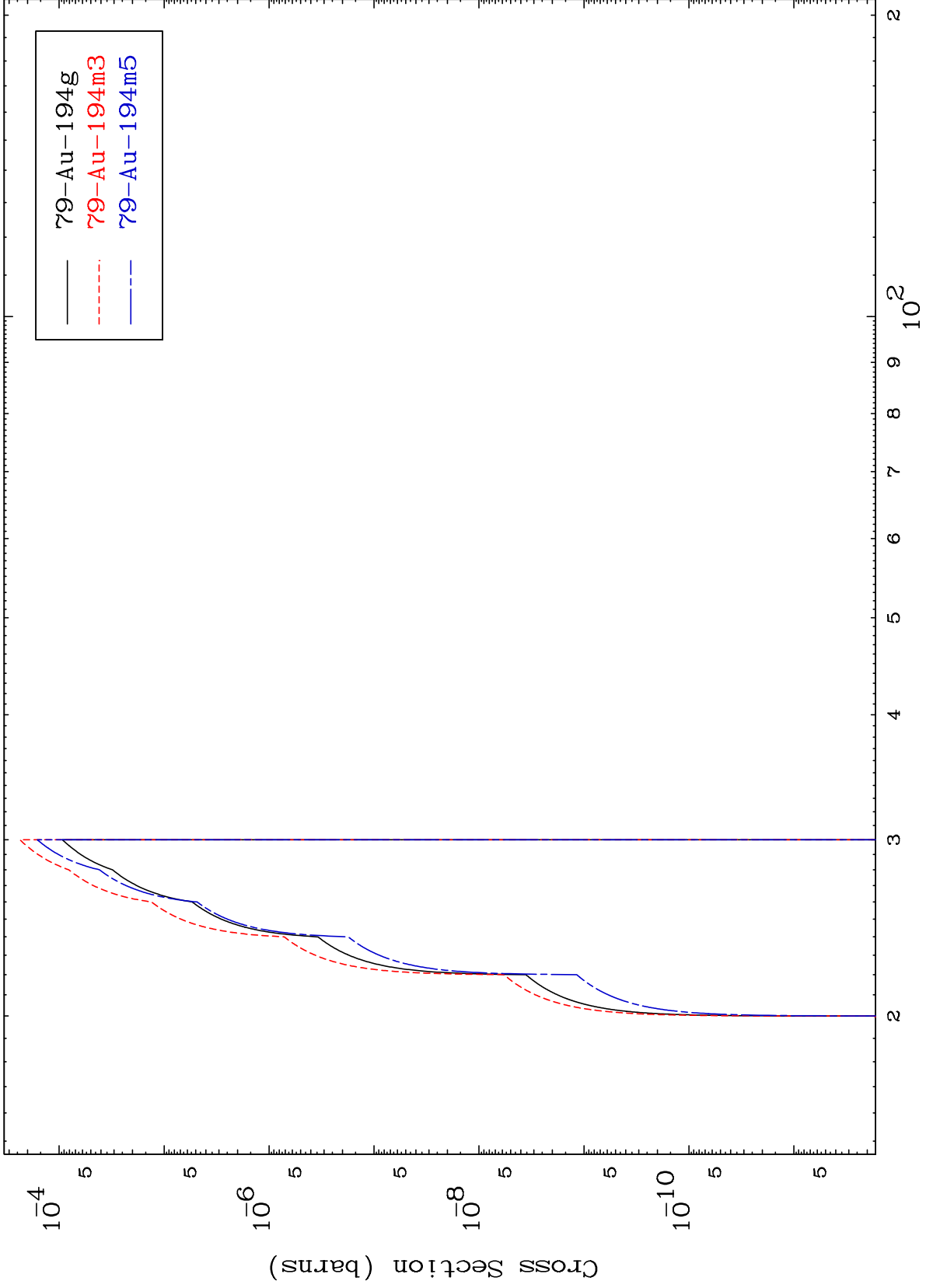
78-Pt-192

MAT 7831

(α, d)

78-Pt-192

Radionuclide Production Cross Section



18

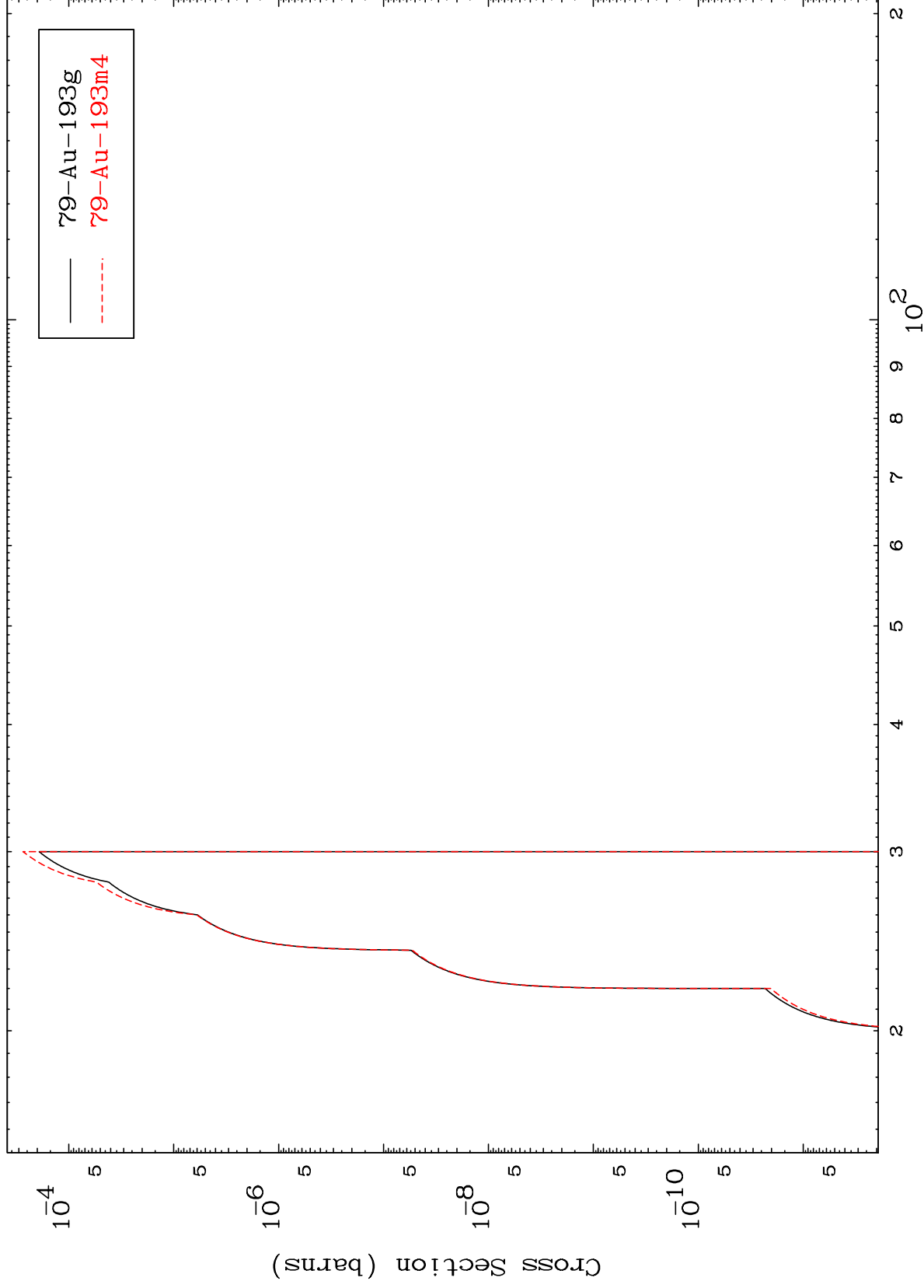
Incident Energy (MeV)

78-Pt-192

MAT 7831

78-Pt-192

(α, t)
Radionuclide Production Cross Section



19

Incident Energy (MeV)

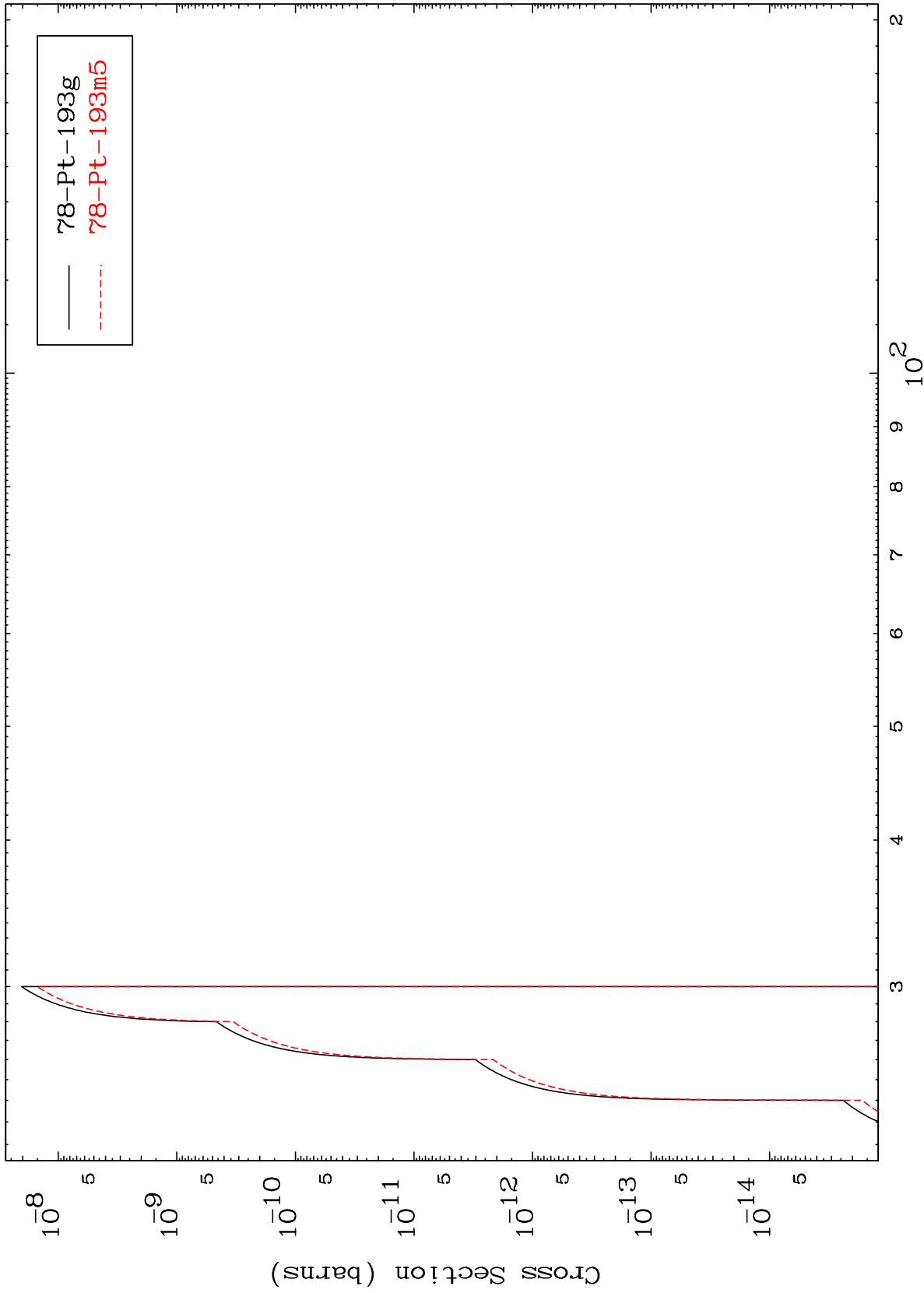
78-Pt-192

MAT 7831

($\alpha, \text{He-3}$)

78-Pt-192

Radionuclide Production Cross Section



20

Incident Energy (MeV)

78-Pt-192