

Program EVALPLOT
(Version 2021-1)

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

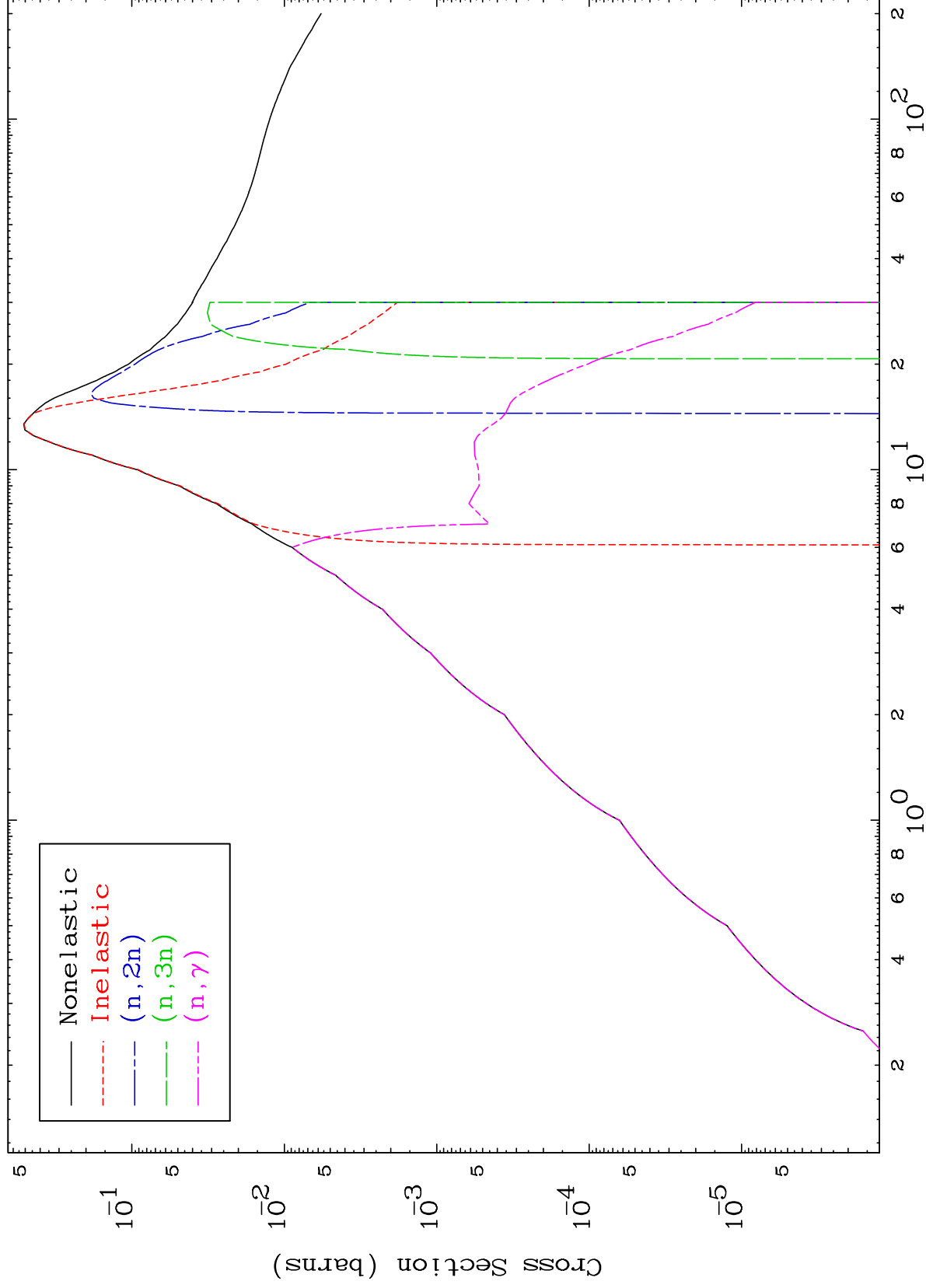
Press Mouse Button to Start

MAT 7840

Photon Major

78-Pt-195

0 Kelvin Cross Sections



1

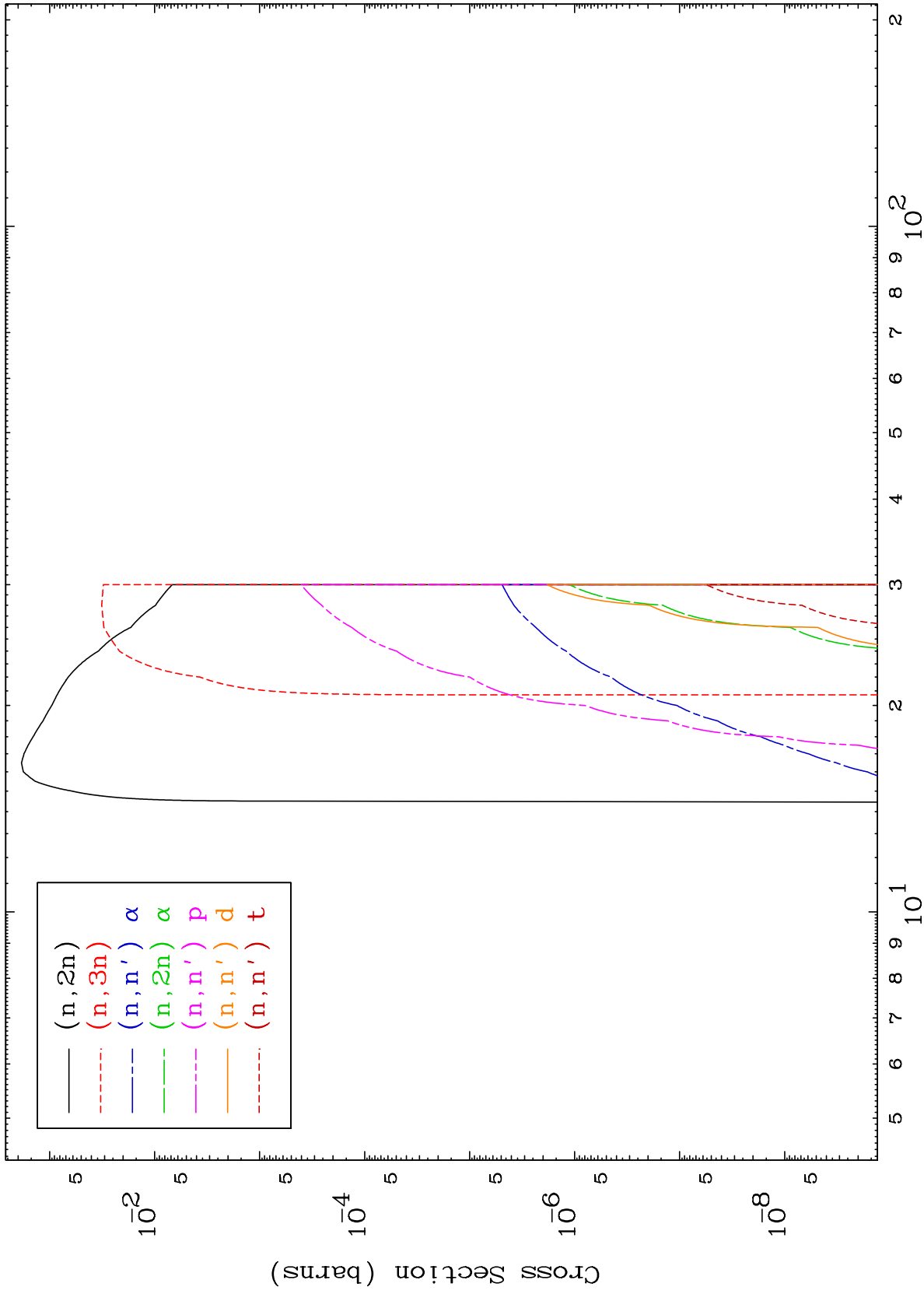
Incident Energy (MeV)

78-Pt-195

MAT 7840

Photon Neutron Absorption
0 Kelvin Cross Sections

78-Pt-195



2

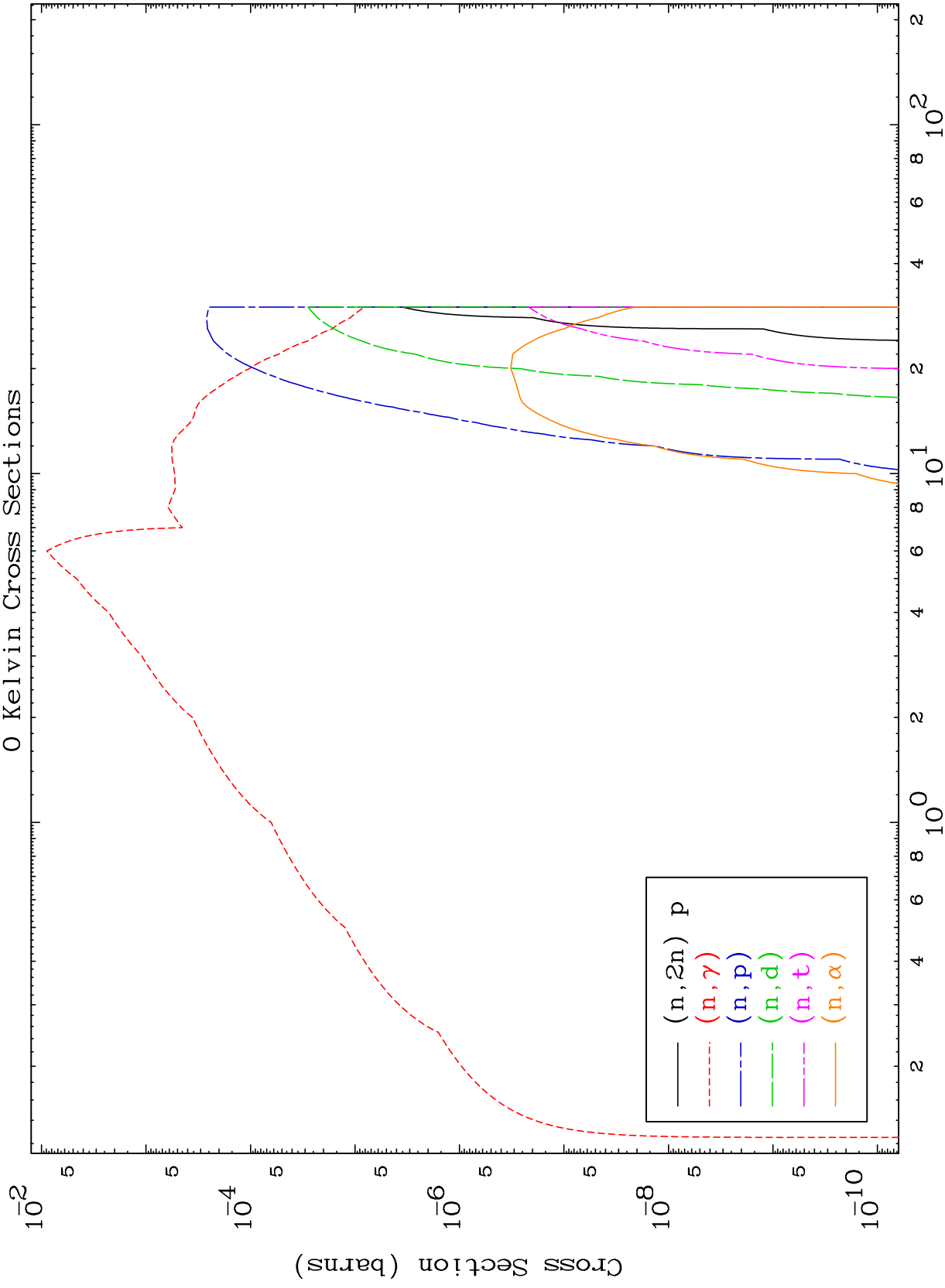
Incident Energy (MeV)

78-Pt-195

MAT 7840

Photon Neutron Absorption
0 Kelvin Cross Sections

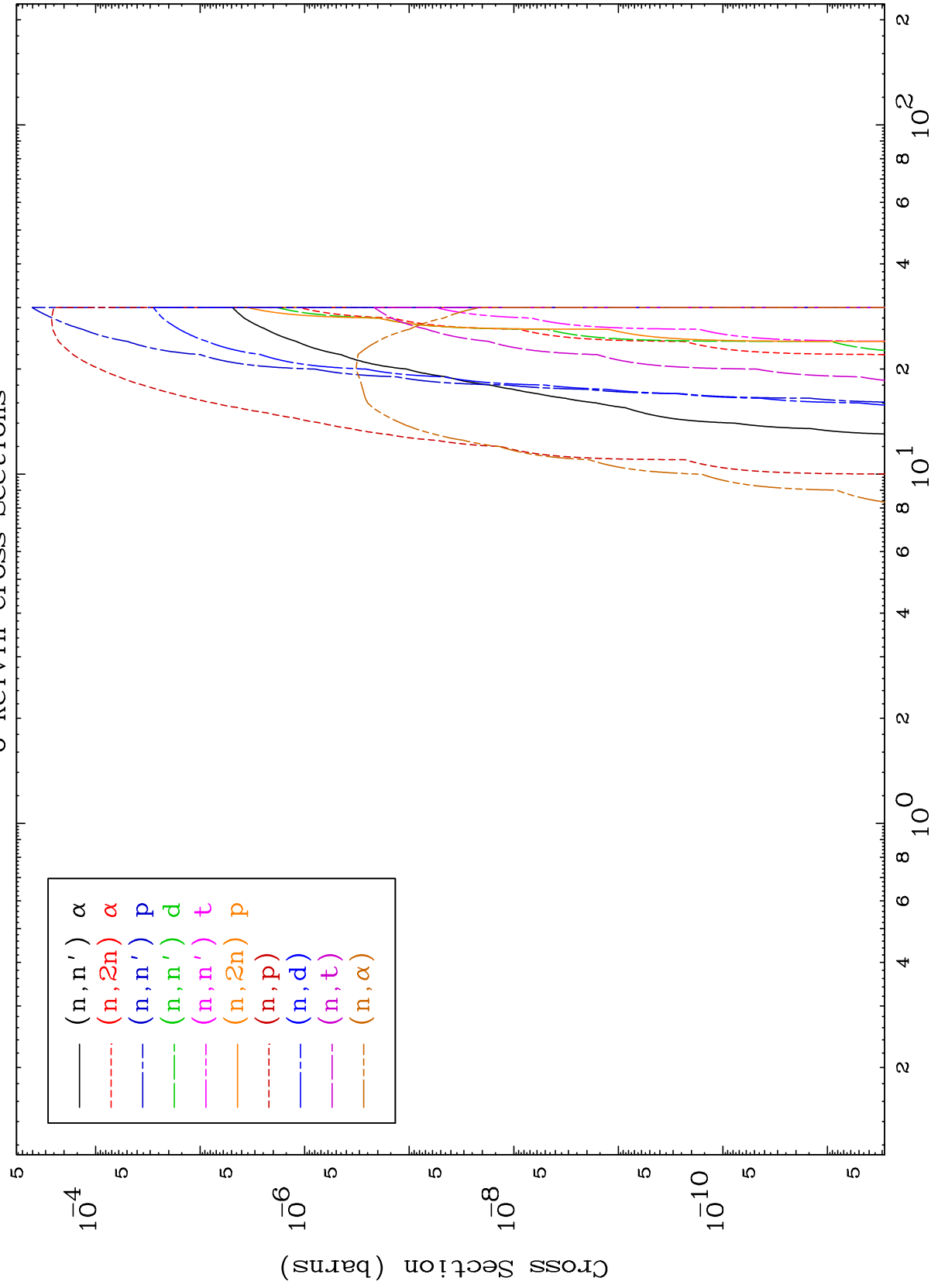
78-Pt-195



3

Incident Energy (MeV)

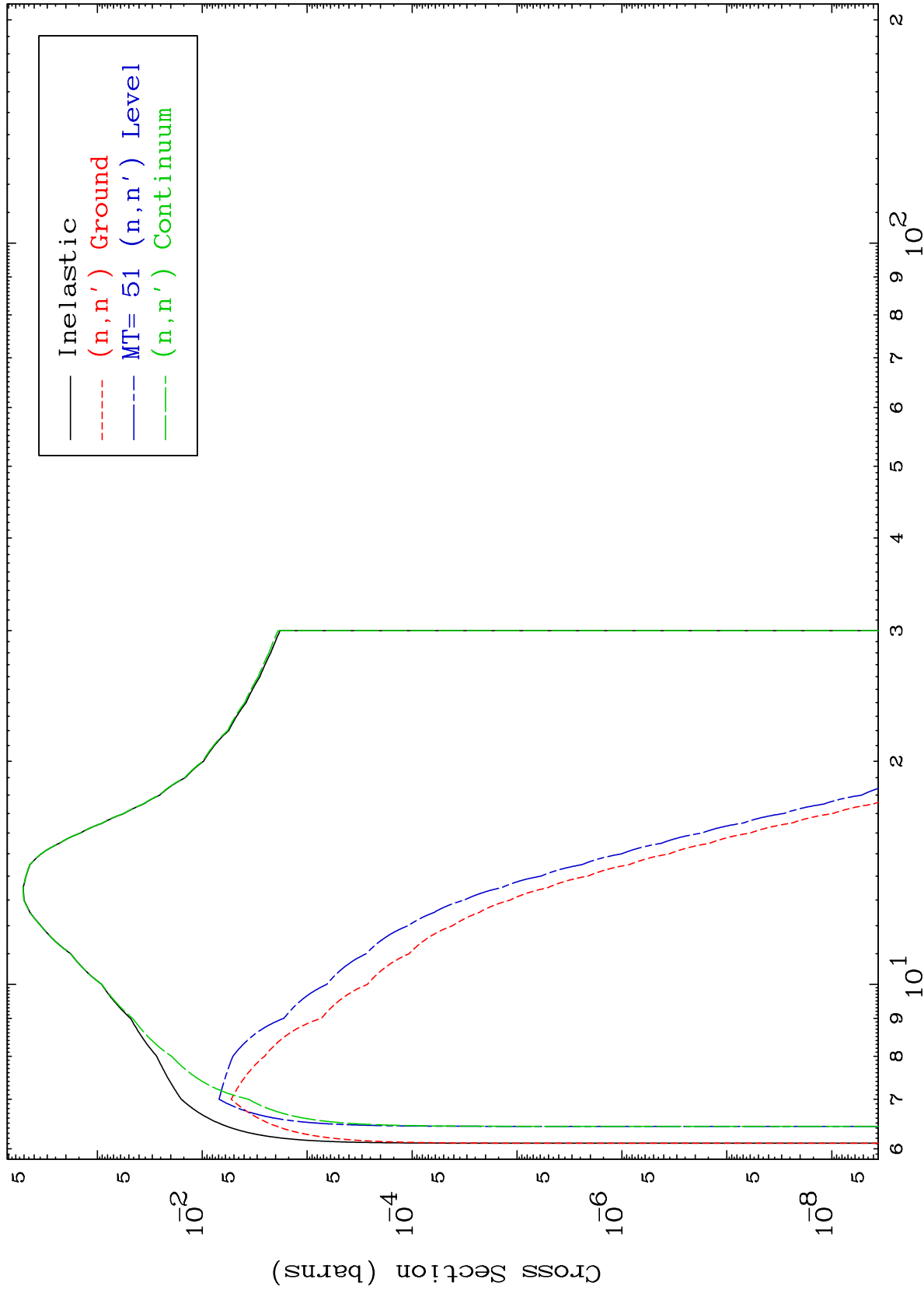
78-Pt-195



MAT 7840

(γ, n') Levels
0 Kelvin Cross Sections

78-Pt-195



5

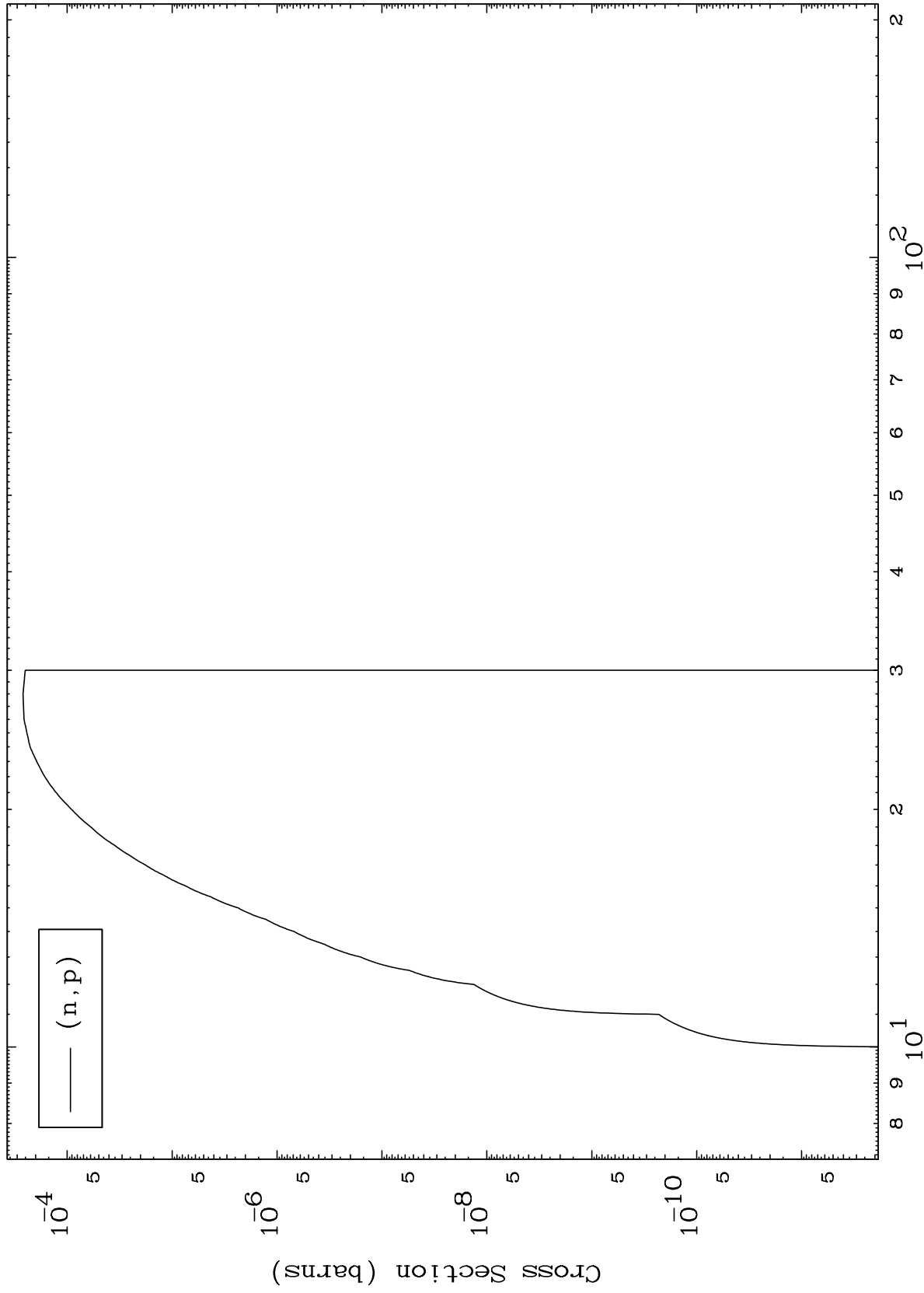
Incident Energy (MeV)

78-Pt-195

MAT 7840

78-Pt-195

(γ, p) Levels
0 Kelvin Cross Sections



6

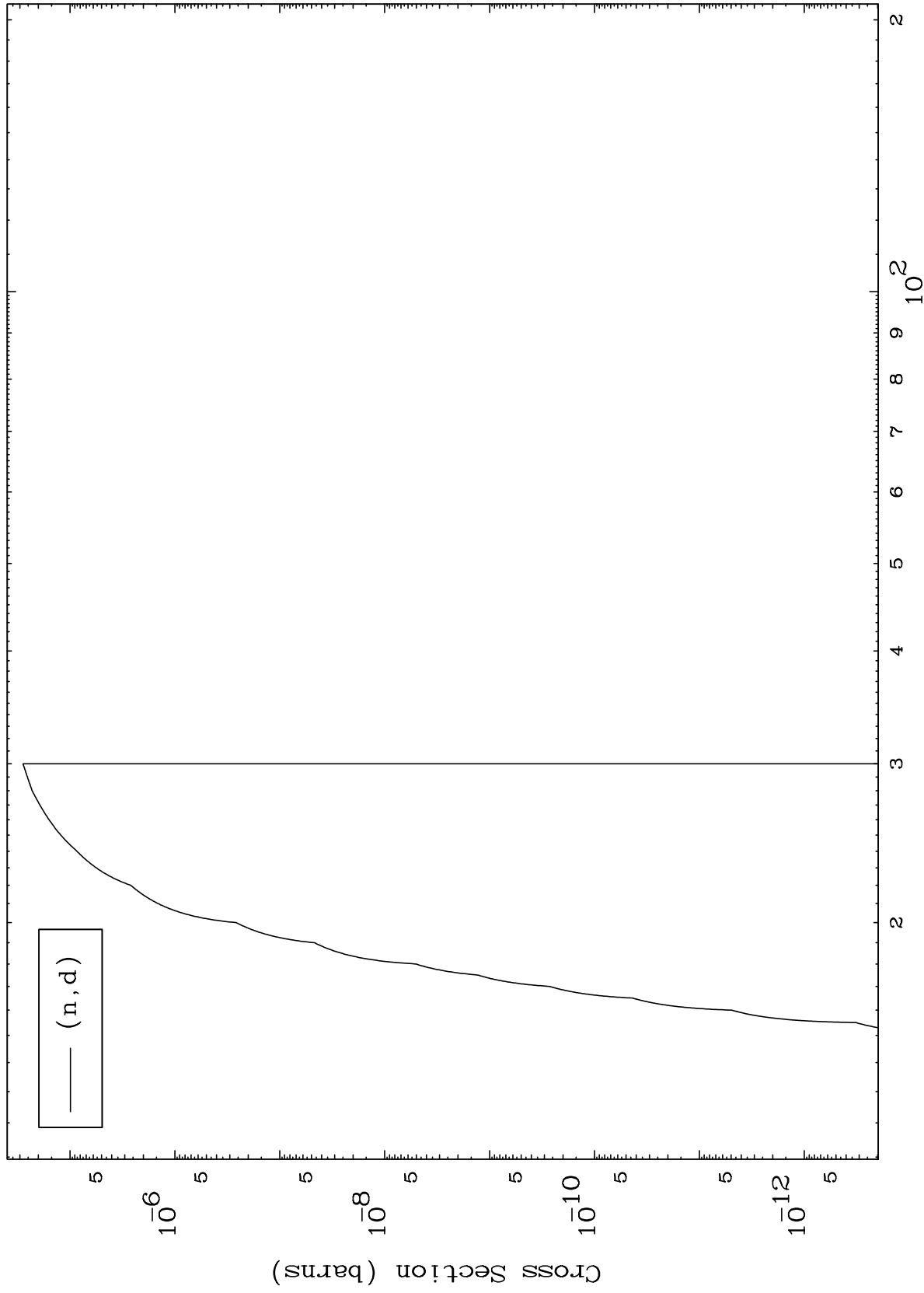
Incident Energy (MeV)

78-Pt-195

MAT 7840

(γ, d) Levels
0 Kelvin Cross Sections

78-Pt-195



7

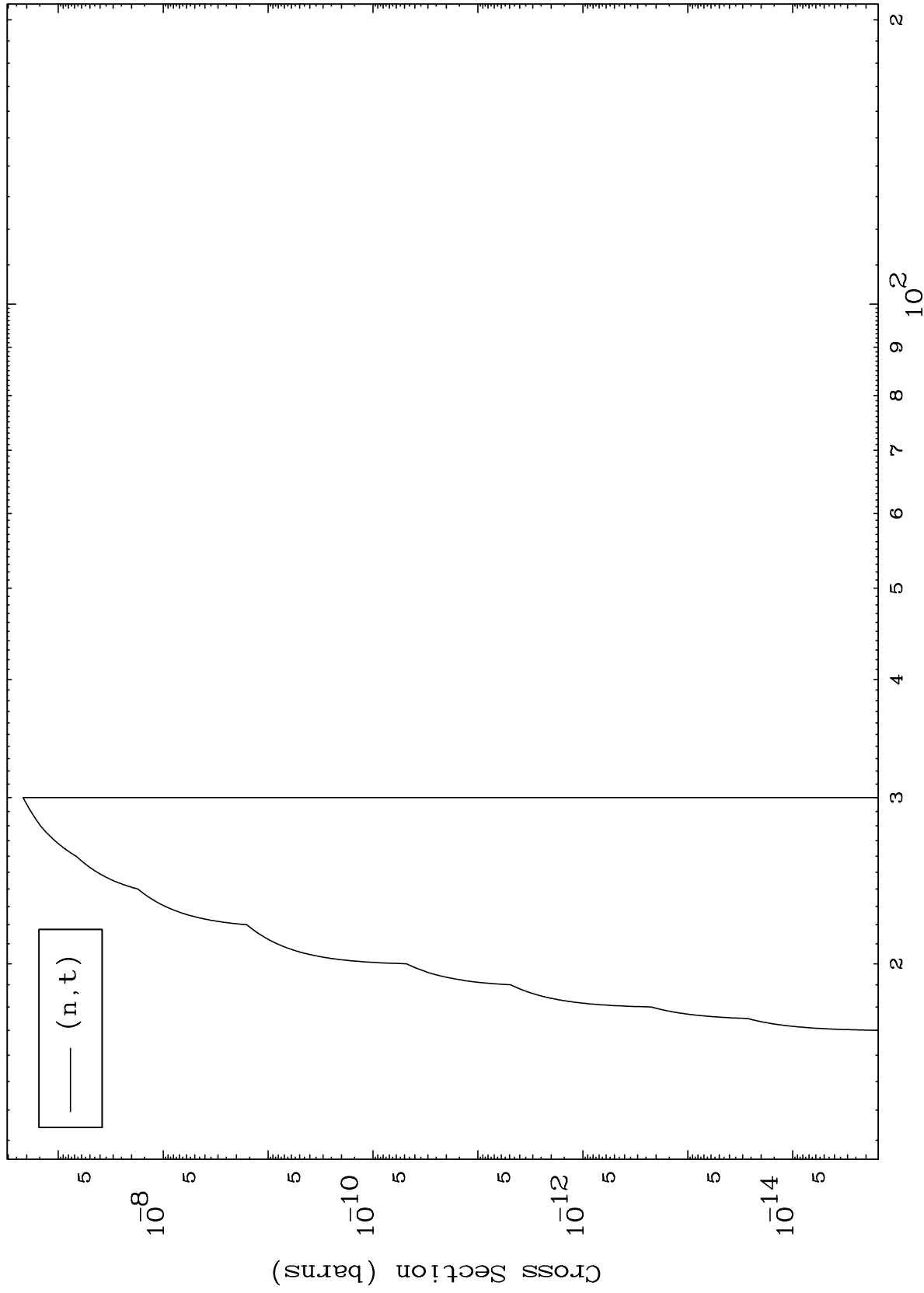
Incident Energy (MeV)

78-Pt-195

MAT 7840

(γ, t) Levels
0 Kelvin Cross Sections

78-Pt-195



8

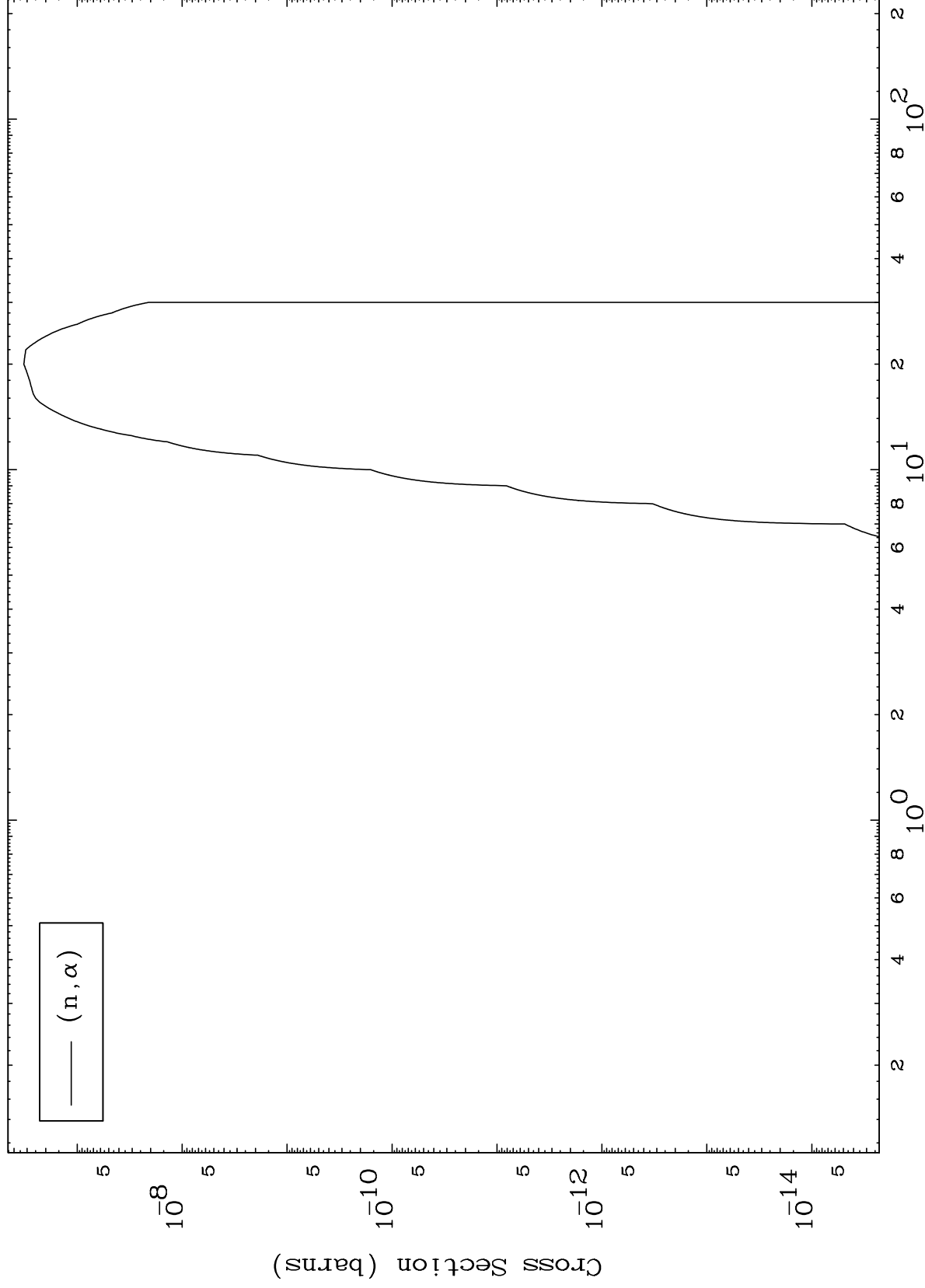
Incident Energy (MeV)

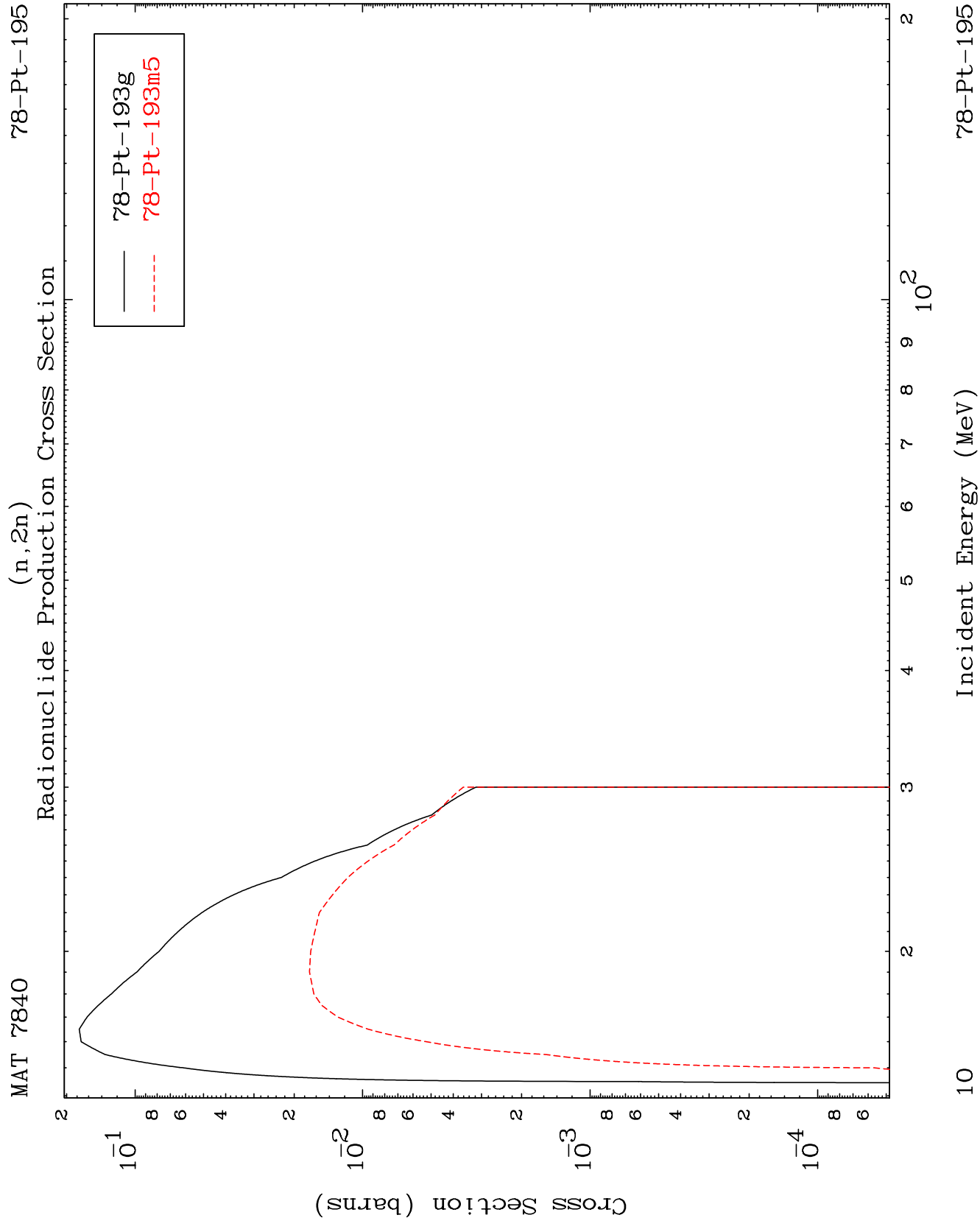
78-Pt-195

MAT 7840

78-Pt-195

(γ, α) Levels
0 Kelvin Cross Sections



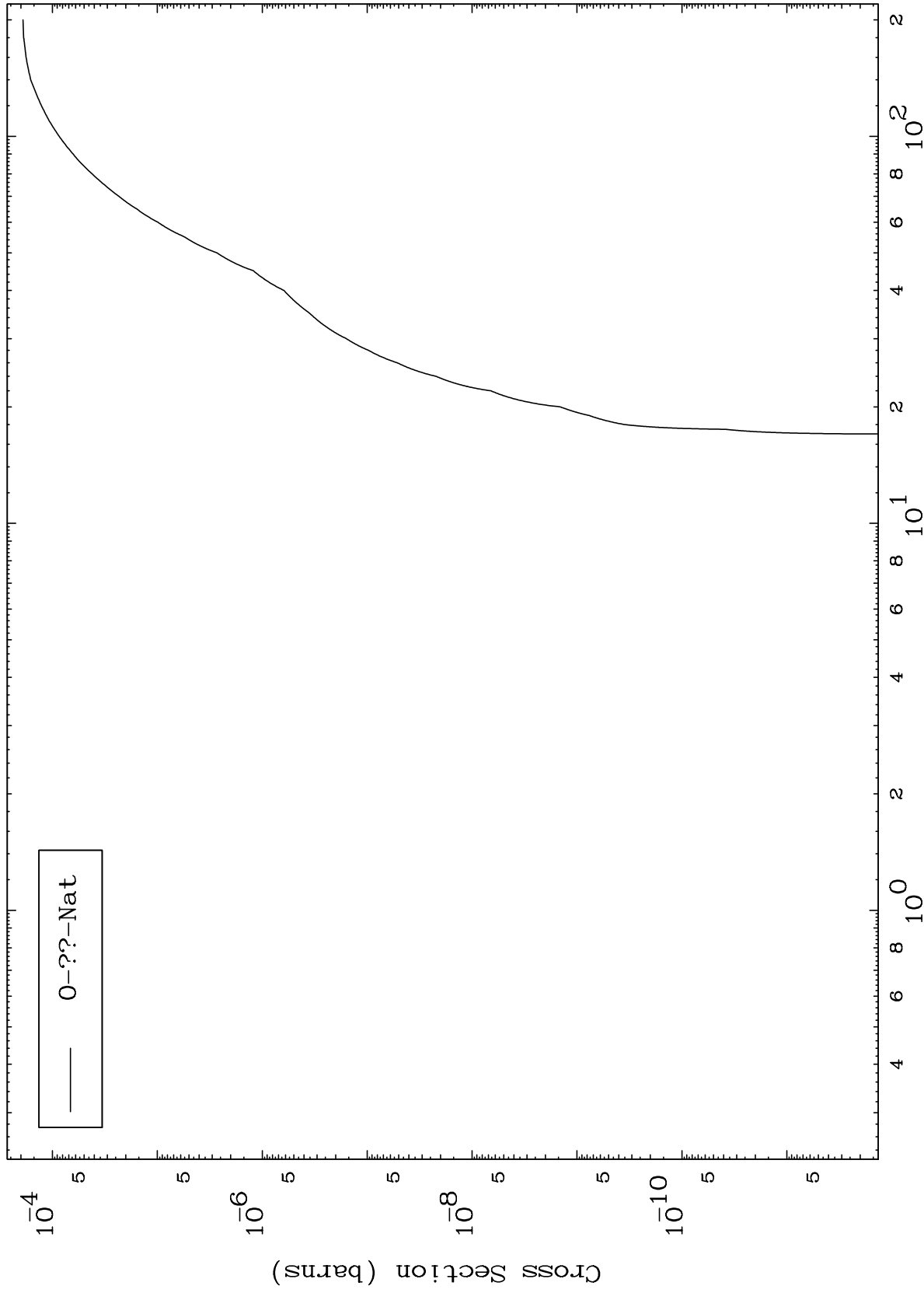


MAT 7840

Fission

⁷⁸Pt-195

Radionuclide Production Cross Section

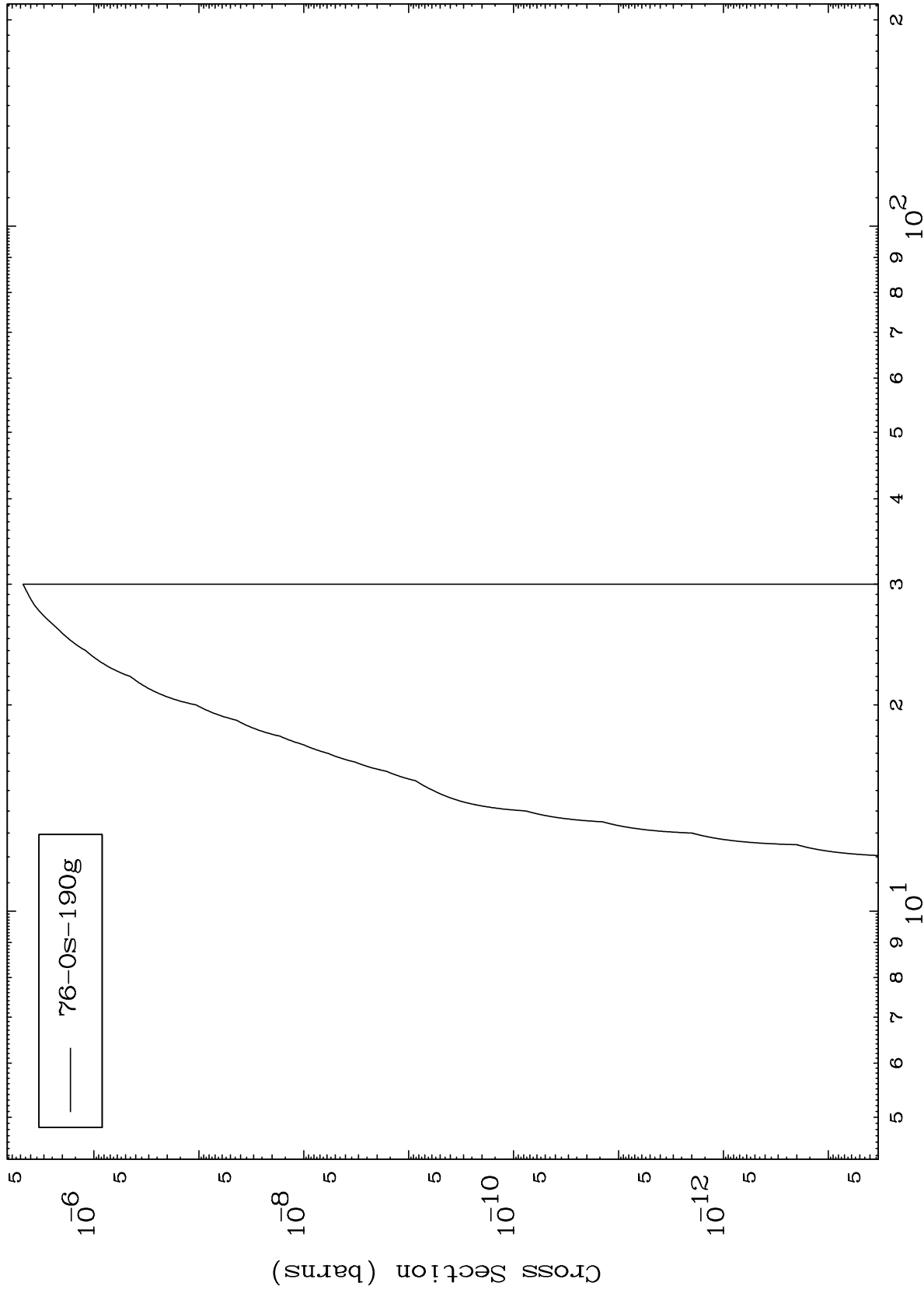


MAT 7840

$(n,n') \alpha$

78-Pt-195

Radionuclide Production Cross Section



12

Incident Energy (MeV)

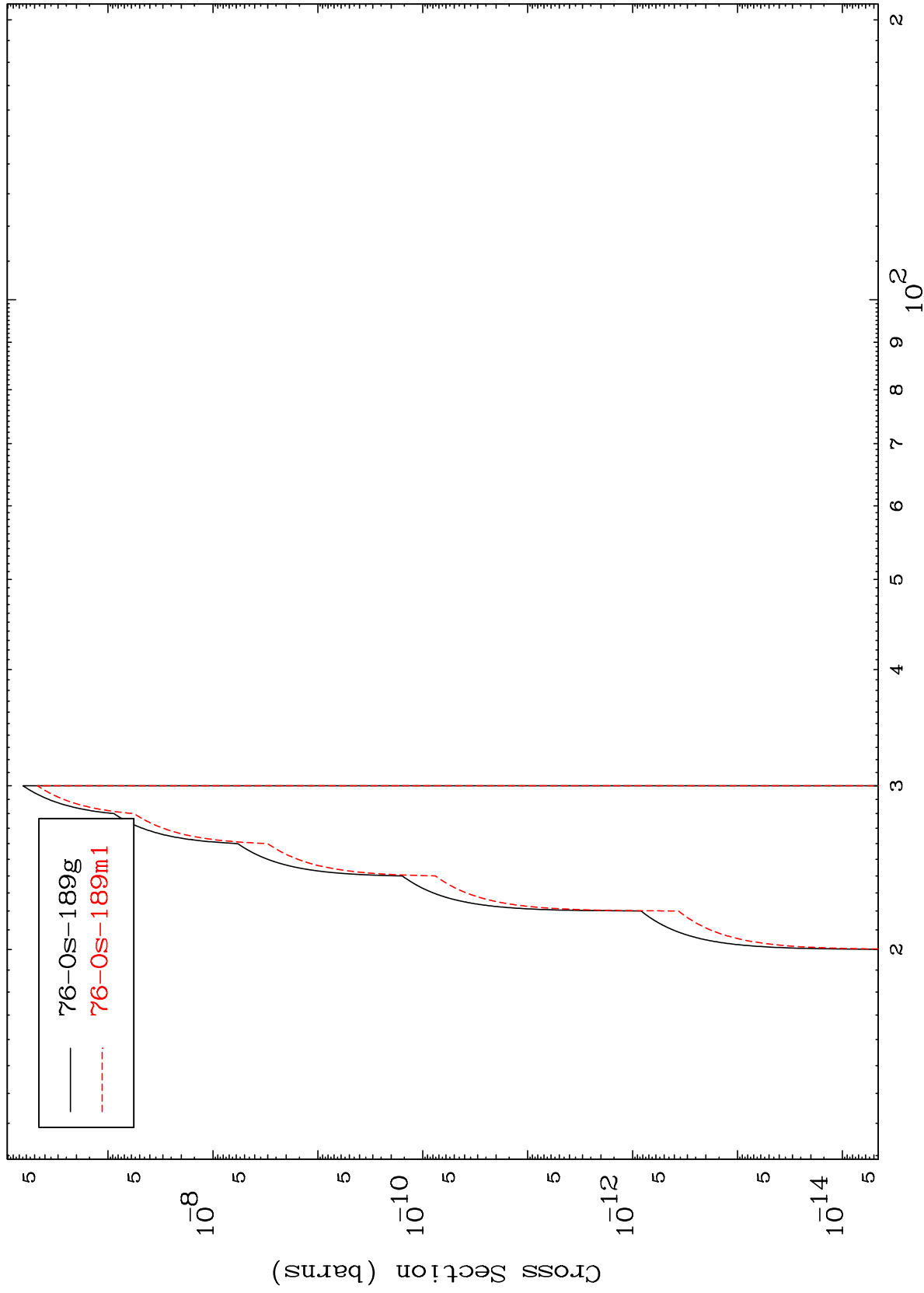
78-Pt-195

MAT 7840

$(n,2n) \alpha$

$^{78}\text{Pt-195}$

Radionuclide Production Cross Section



13

Incident Energy (MeV)

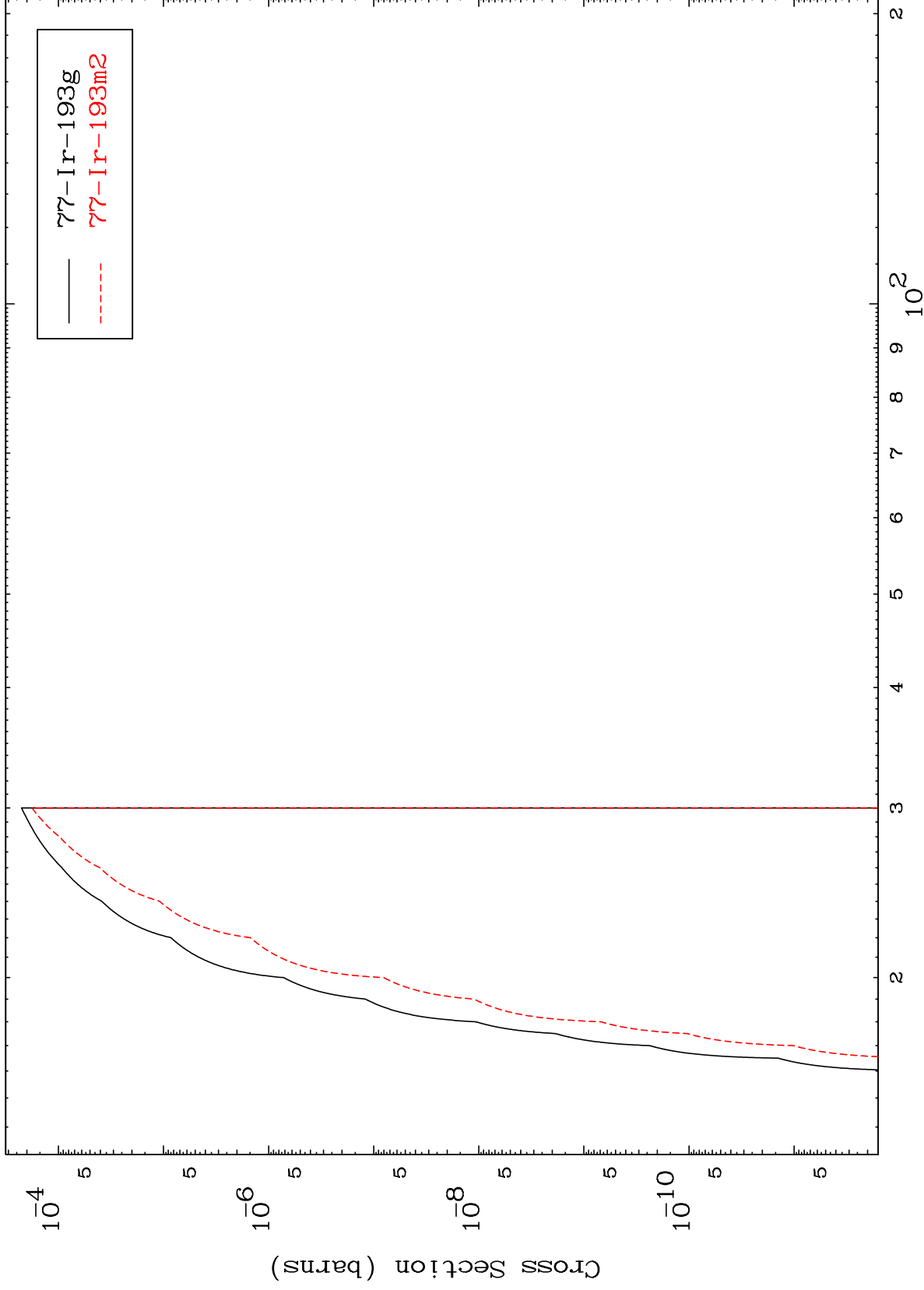
$^{78}\text{Pt-195}$

MAT 7840

(n,n') p

78-Pt-195

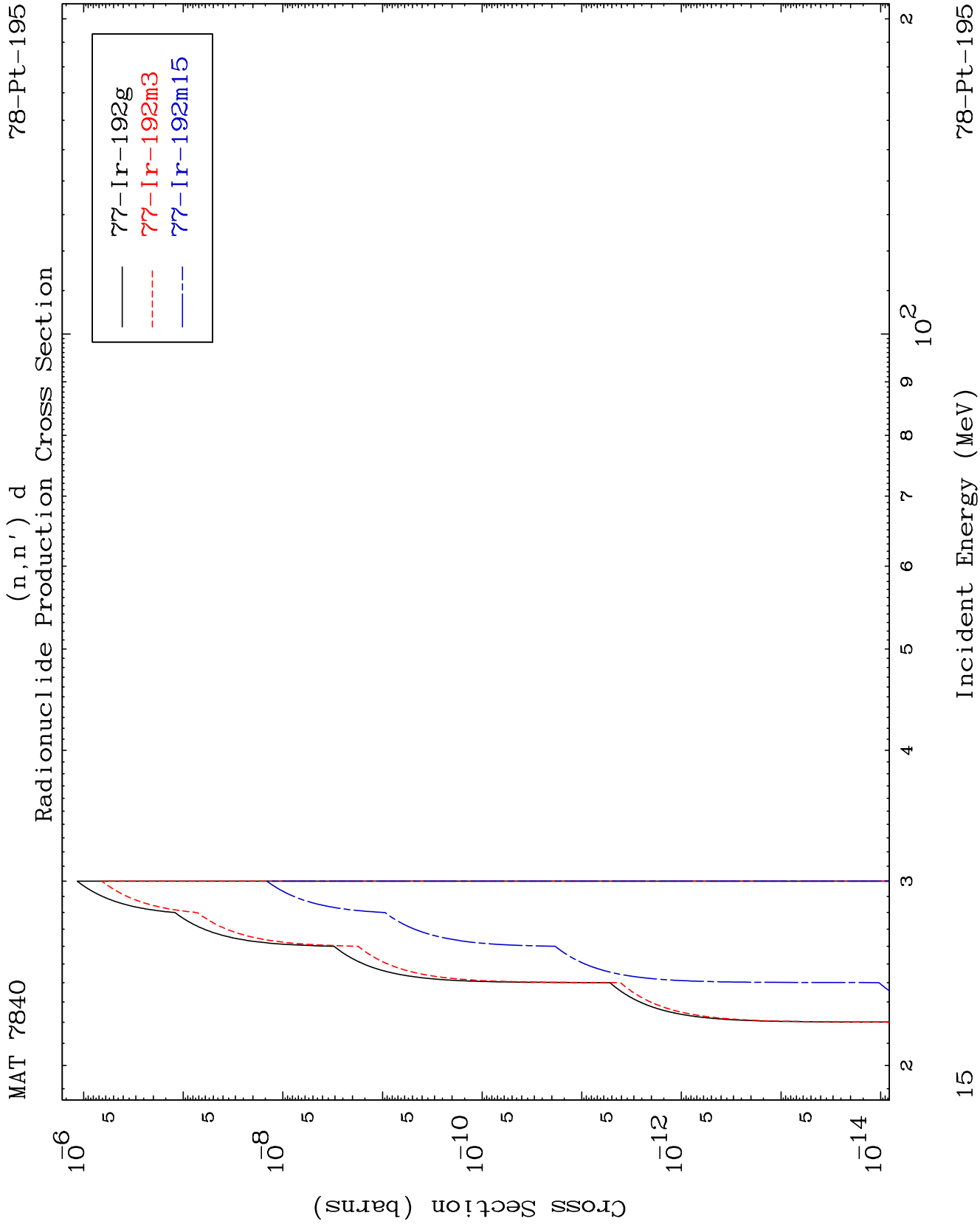
Radionuclide Production Cross Section



14

Incident Energy (MeV)

78-Pt-195

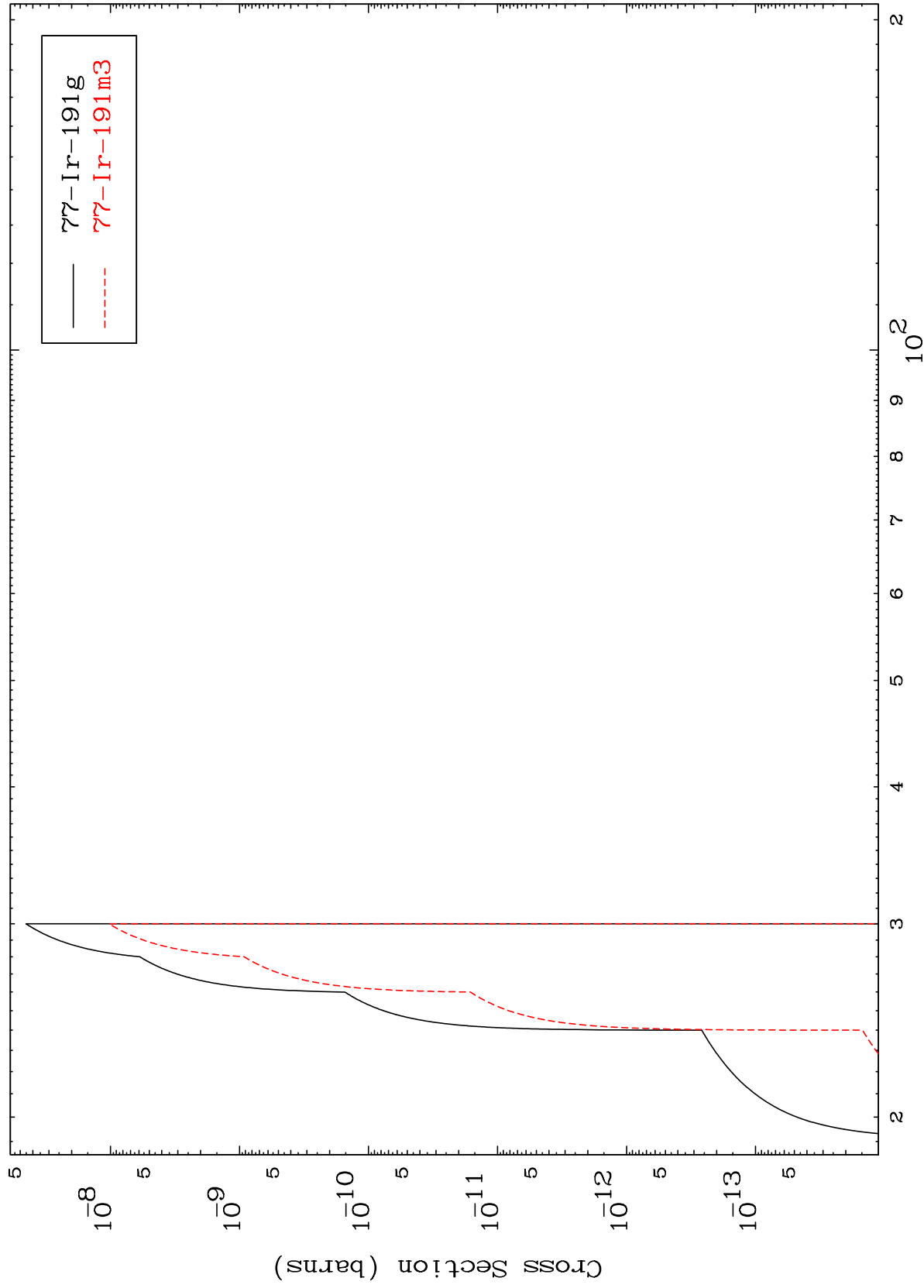


MAT 7840

(n,n') t

78-Pt-195

Radionuclide Production Cross Section



16

Incident Energy (MeV)

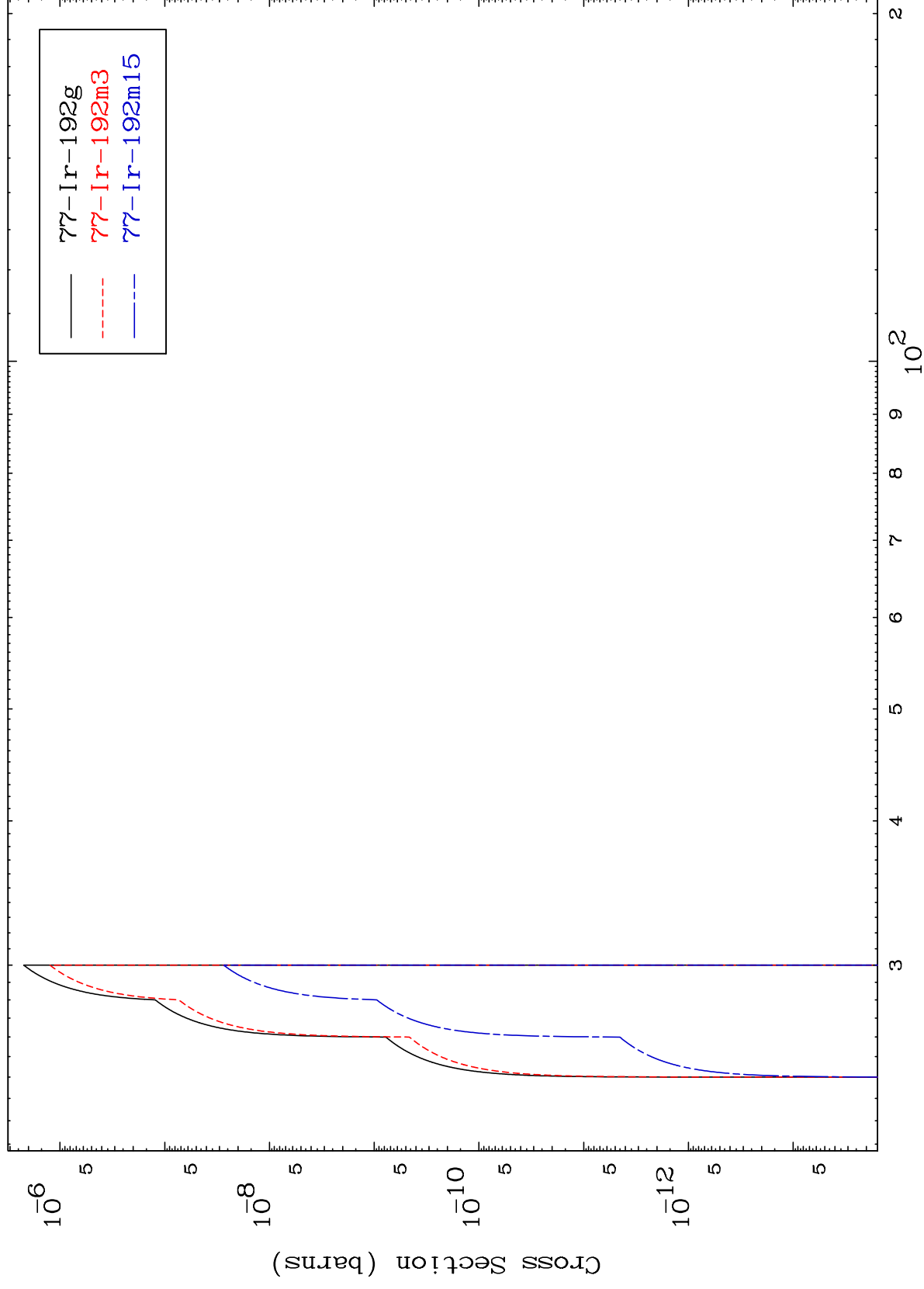
78-Pt-195

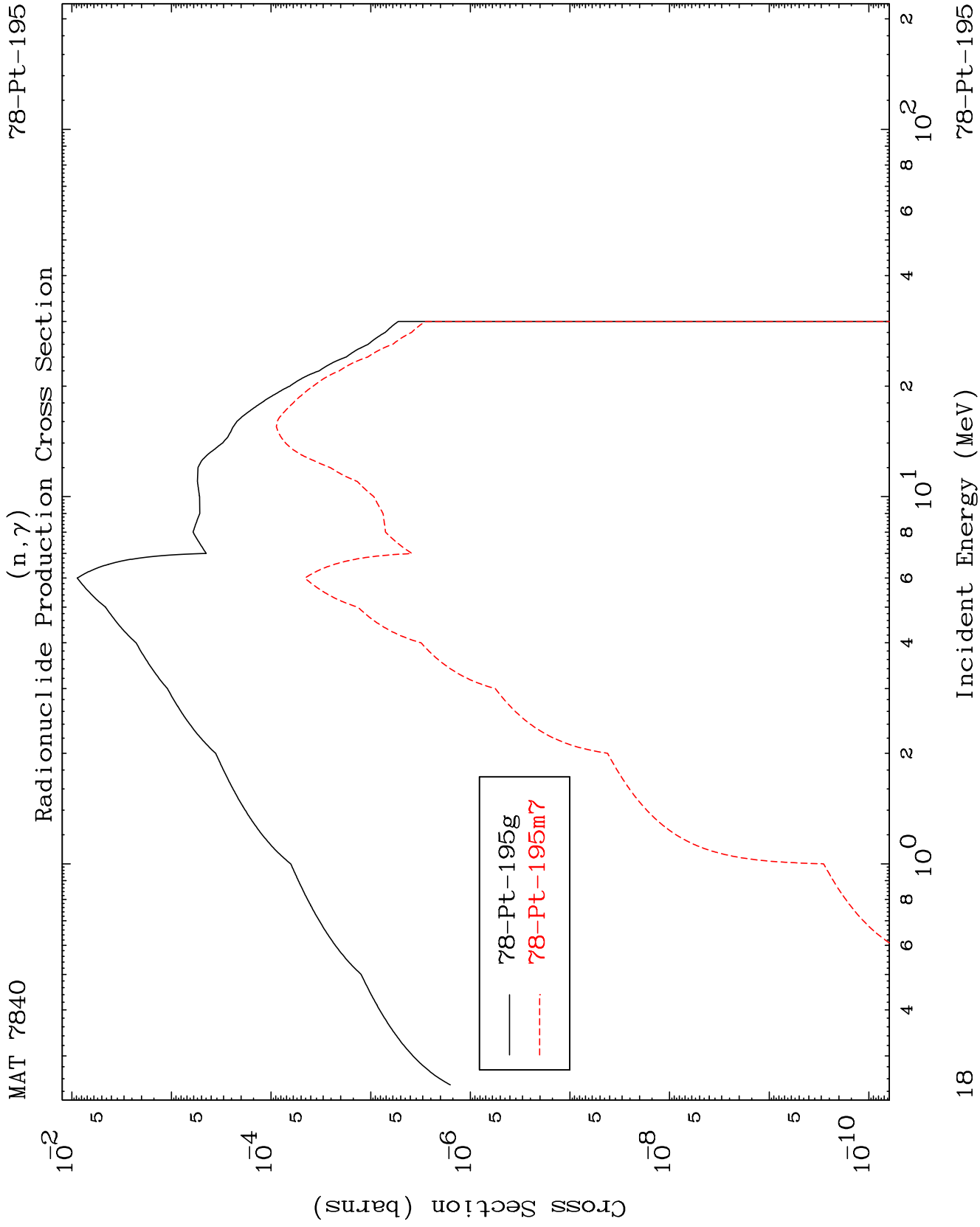
MAT 7840

$$(n, 2n) \text{ p}$$

78-Pt-195

Radionuclide Production Cross Section

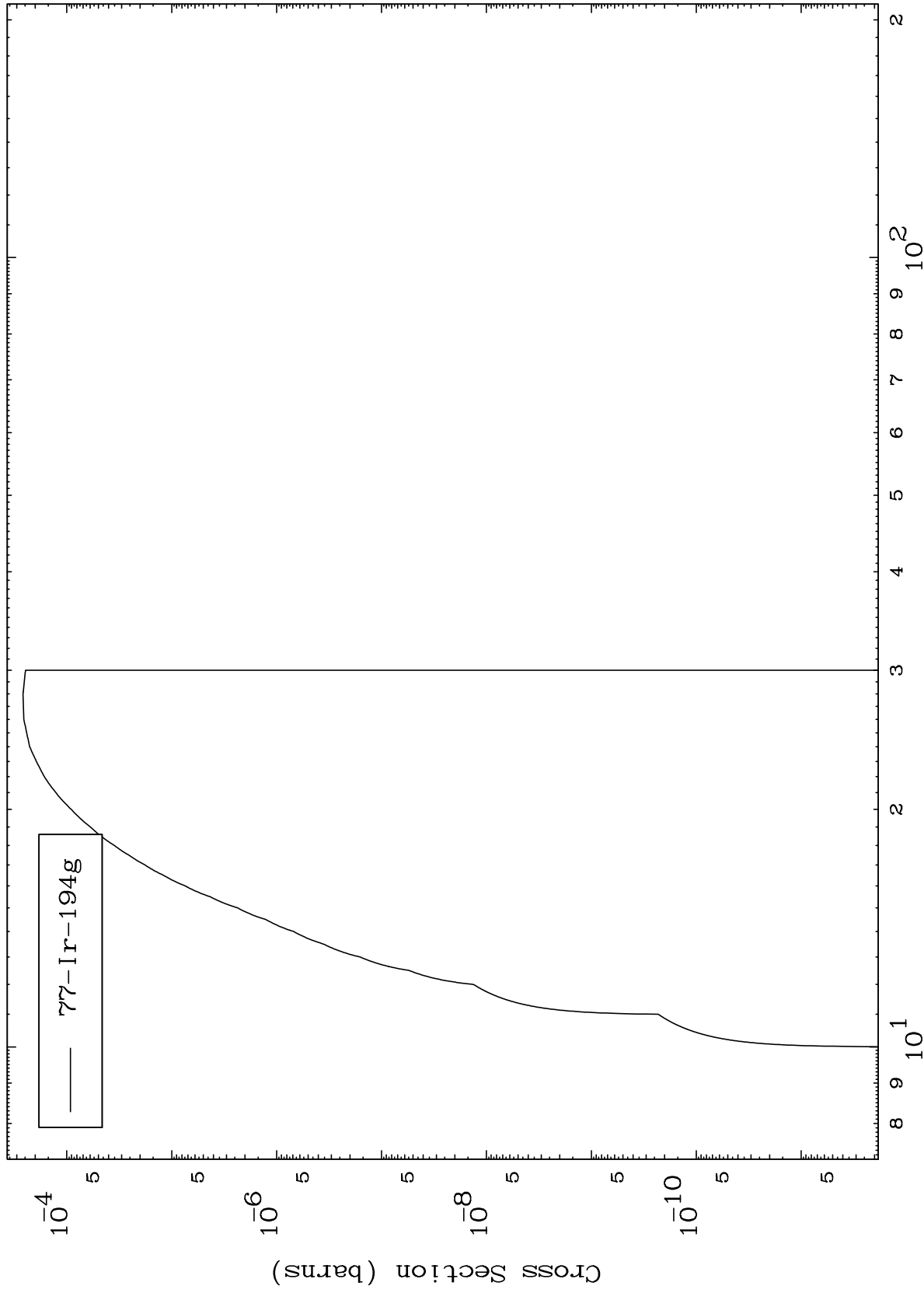




MAT 7840

78-Pt-195

Radionuclide Production Cross Section



19

Incident Energy (MeV)

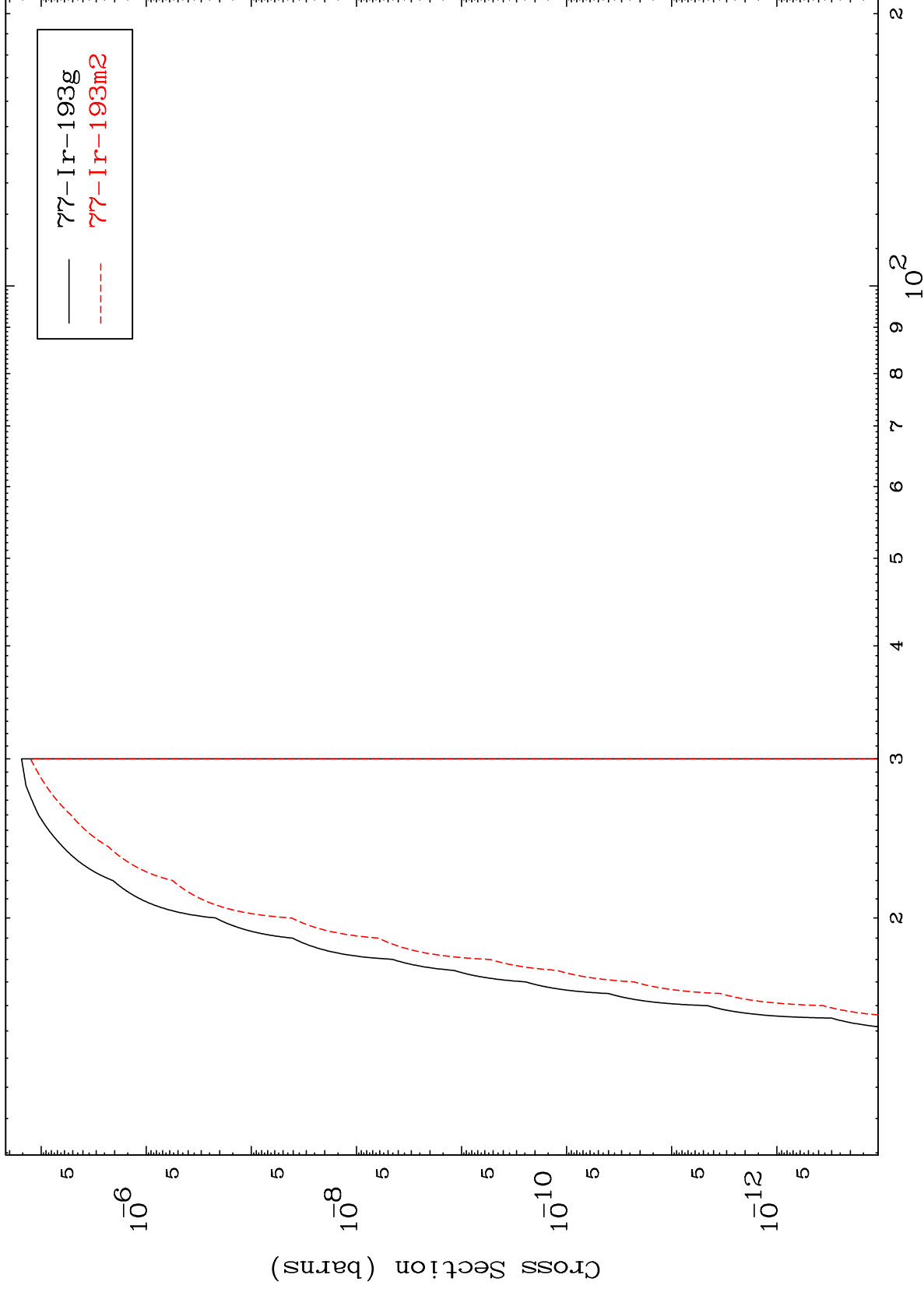
78-Pt-195

MAT 7840

(n,d)

Radionuclide Production Cross Section

78-Pt-195

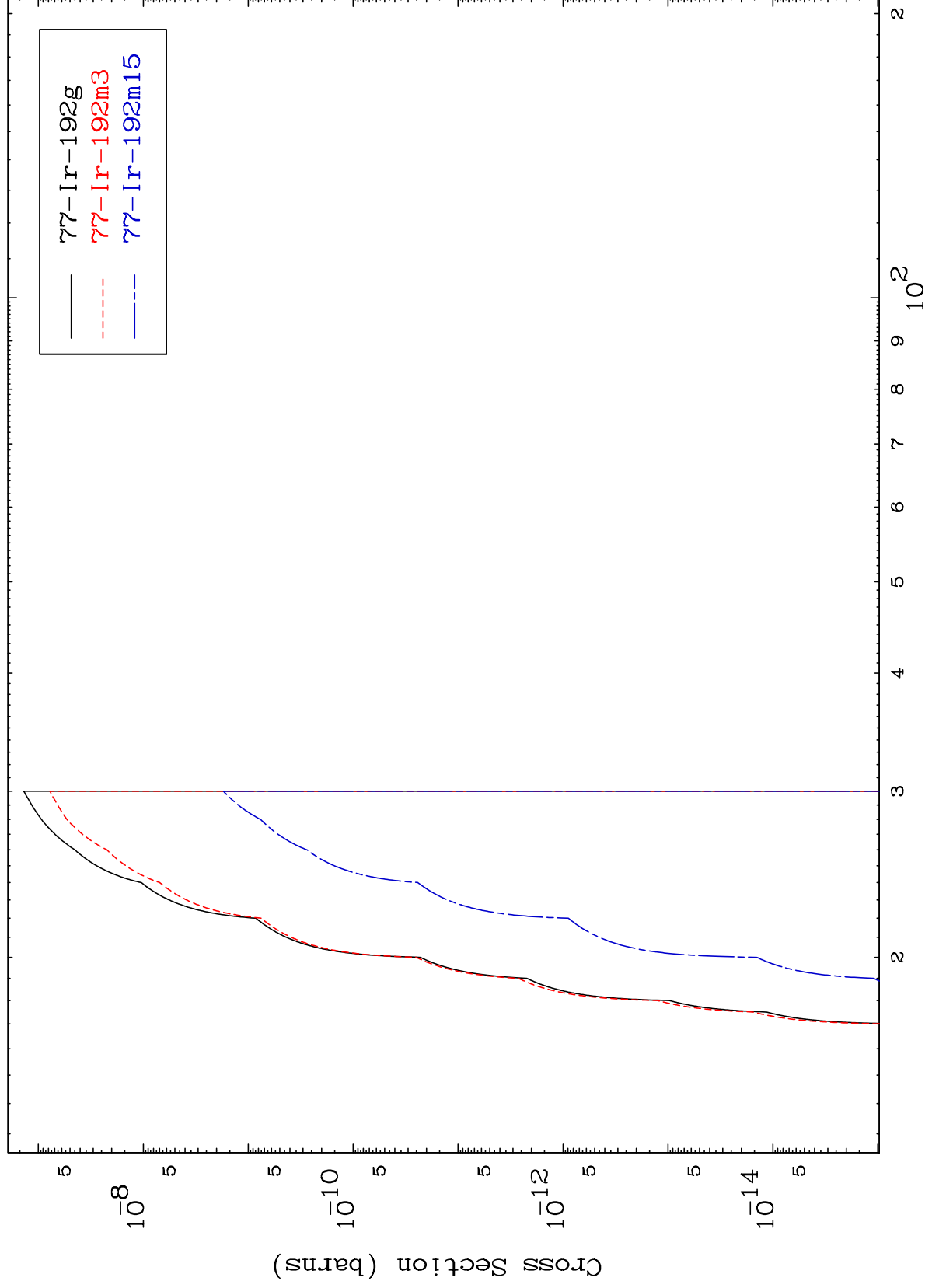


20

Incident Energy (MeV)

78-Pt-195

(n,t)
Radionuclide Production Cross Section



MAT 7840

(n, α)

78-Pt-195

Radionuclide Production Cross Section

