

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

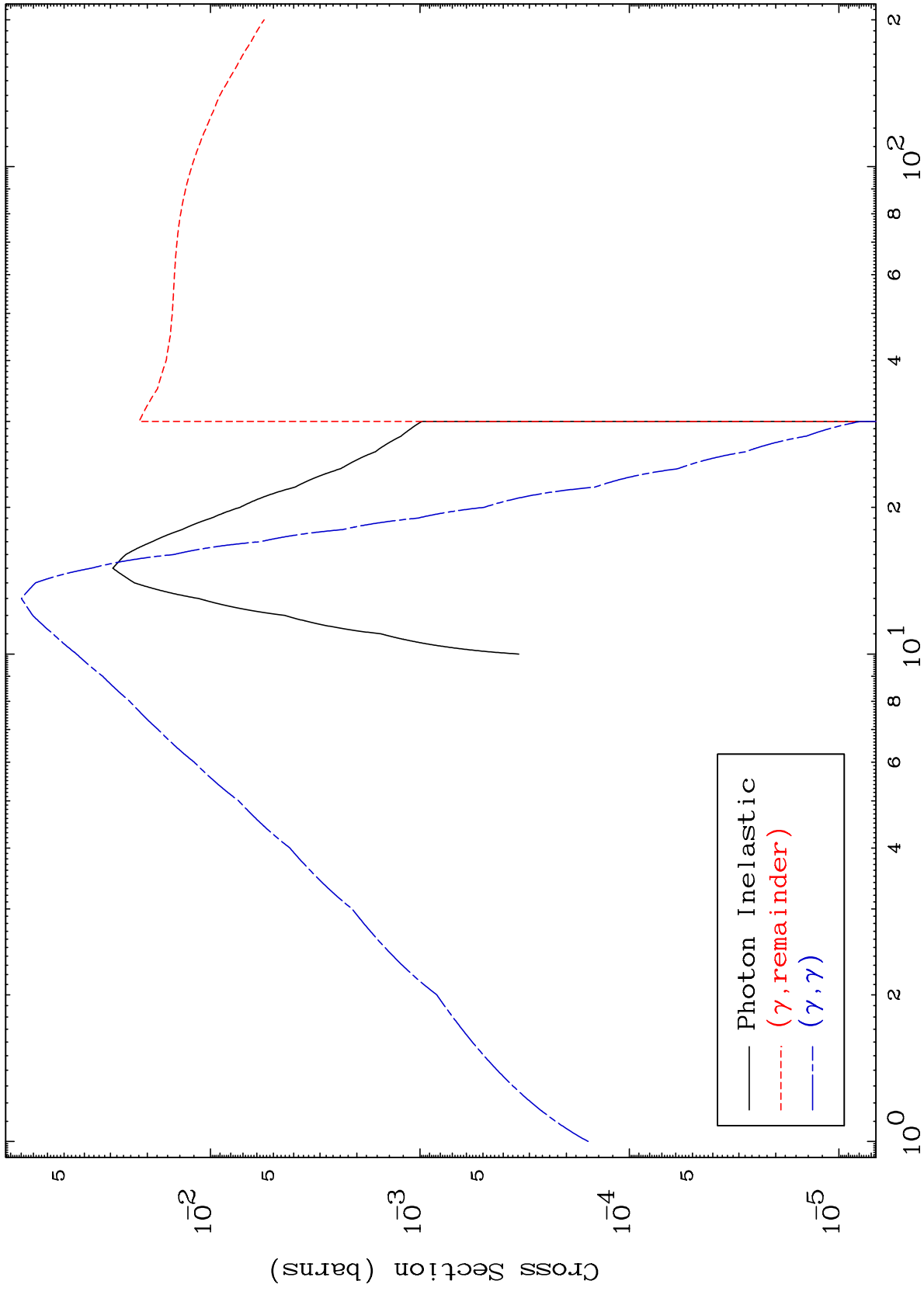
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7862

Photon Major
0 Kelvin Cross Sections

79-Au-176



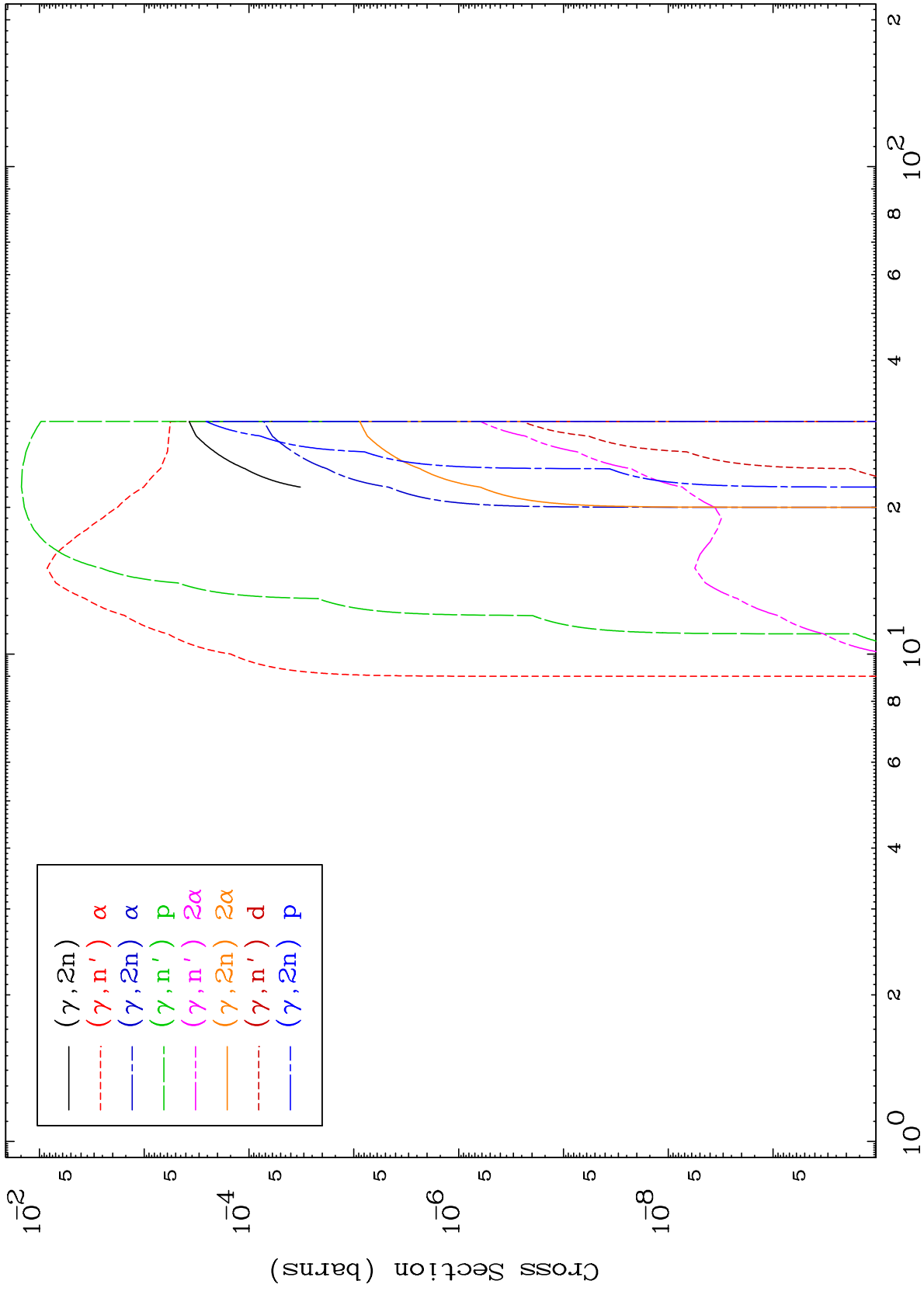
79-Au-176

Incident Energy (MeV)

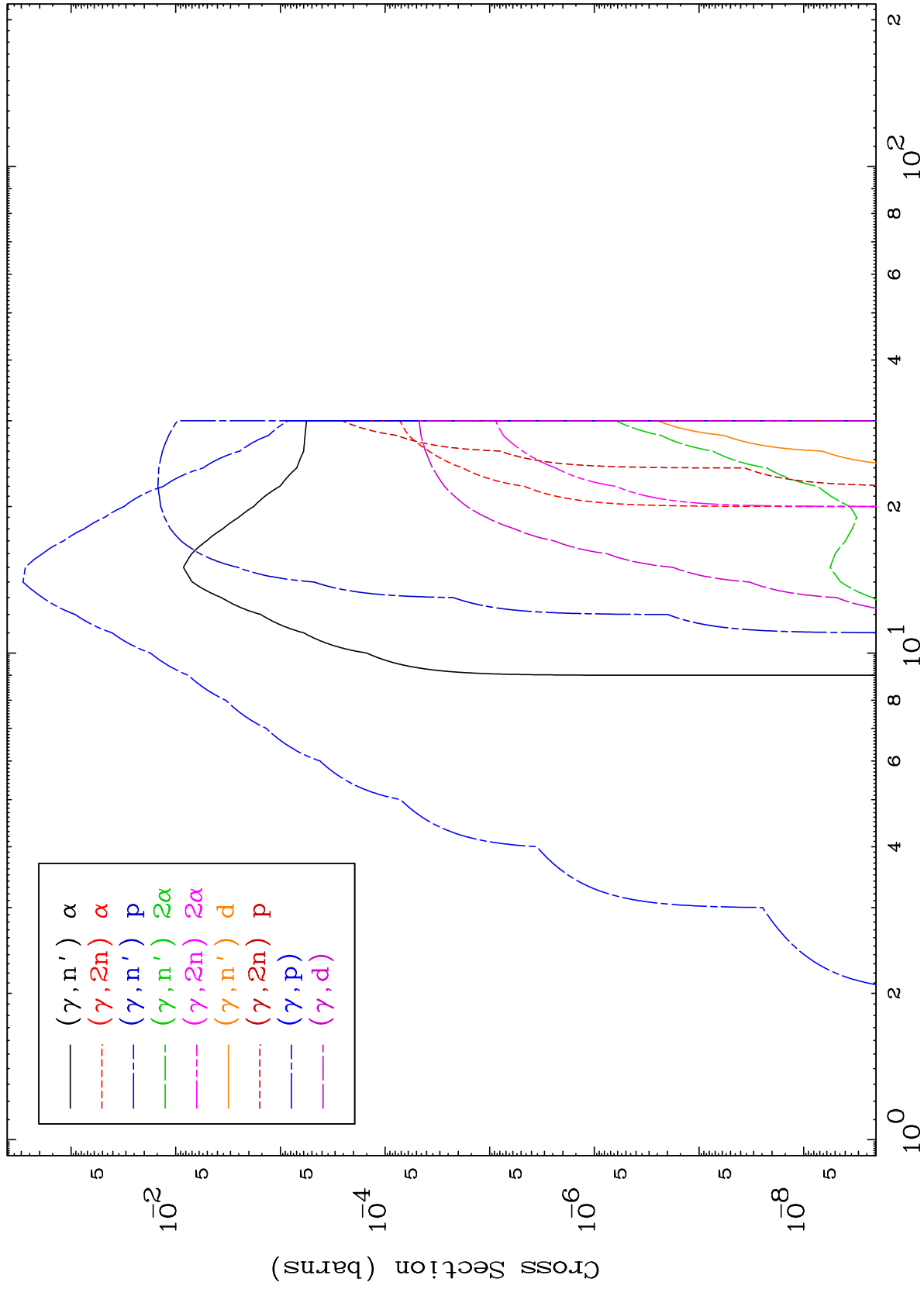
MAT 7862

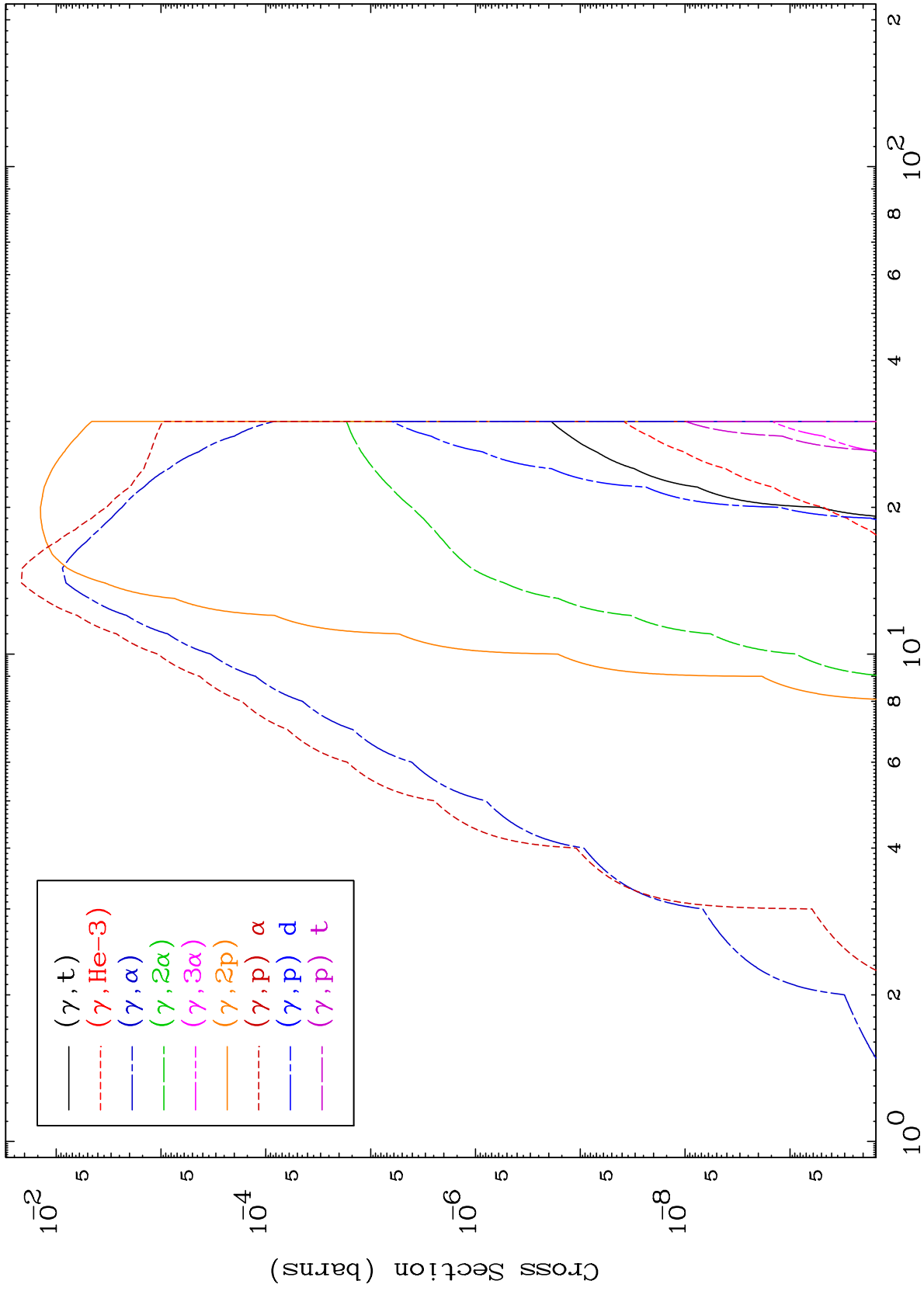
Photon Neutron Production
0 Kelvin Cross Sections

79-Au-176



79-Au-176

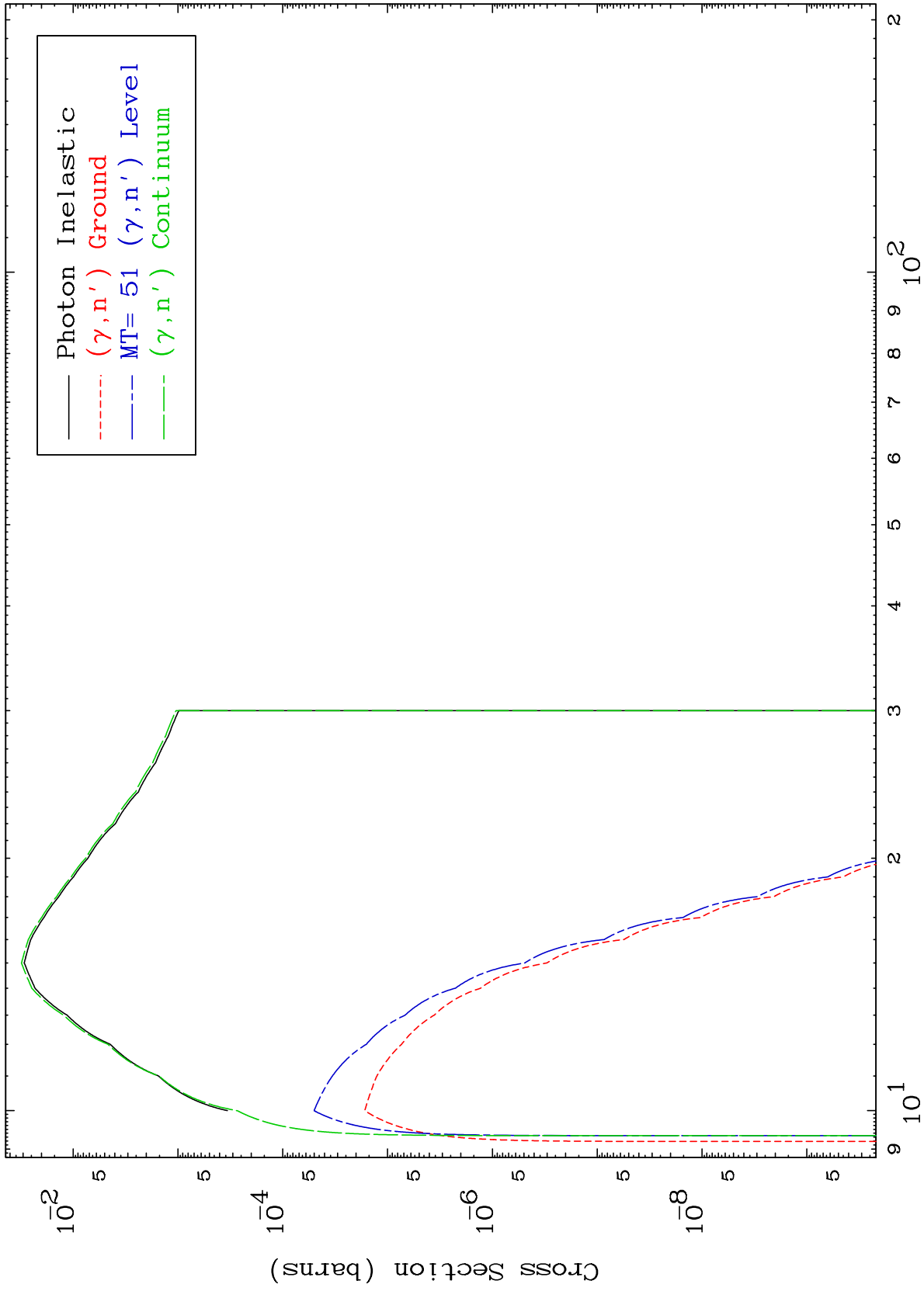




MAT 7862

(γ, n') Level
0 Kelvin Cross Sections

79-Au-176



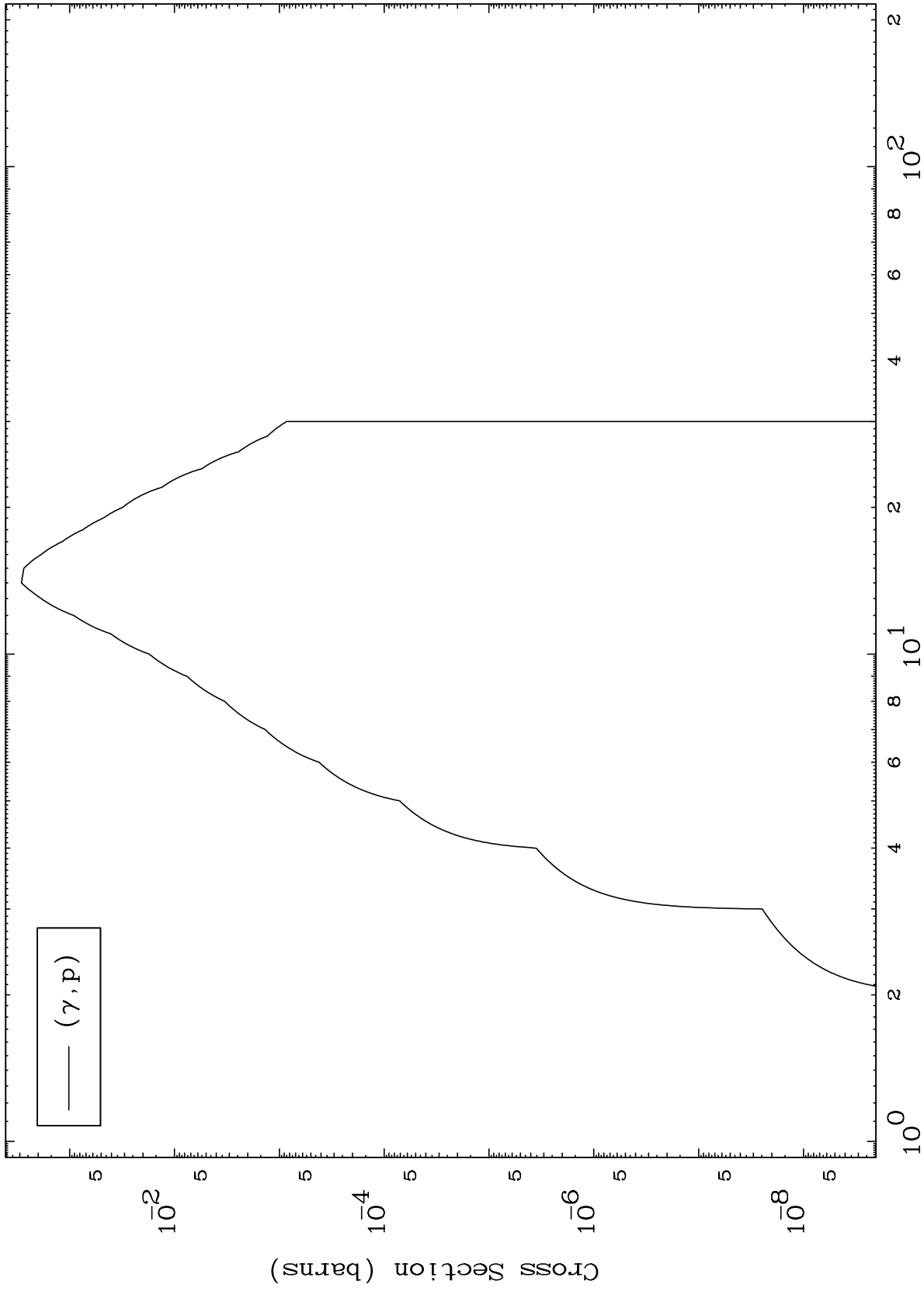
Incident Energy (MeV)

79-Au-176

MAT 7862

(γ, p) Levels
0 Kelvin Cross Sections

79-Au-176



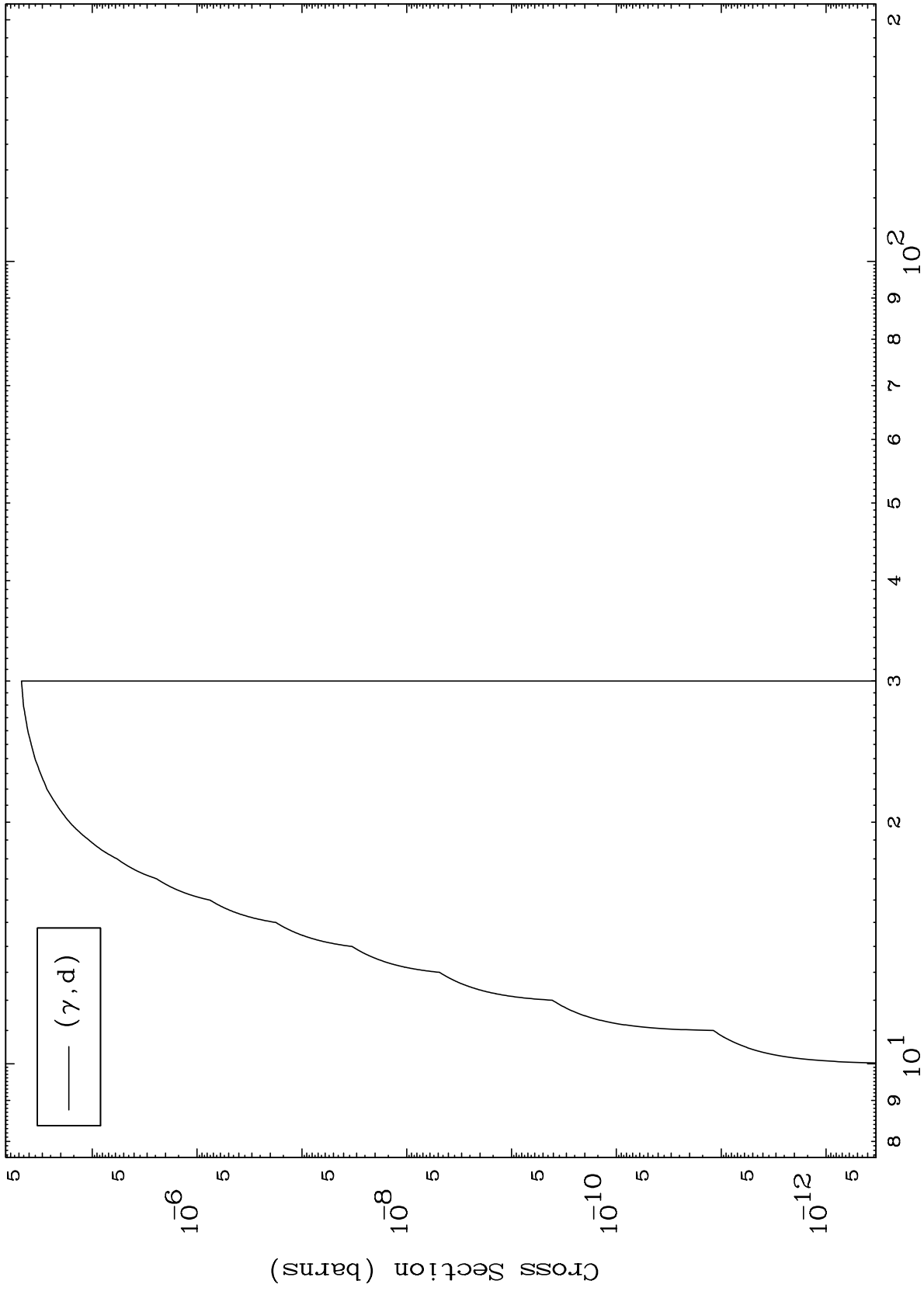
Incident Energy (MeV)

79-Au-176

MAT 7862

(γ, d) Levels
0 Kelvin Cross Sections

⁷⁹Au-176



7

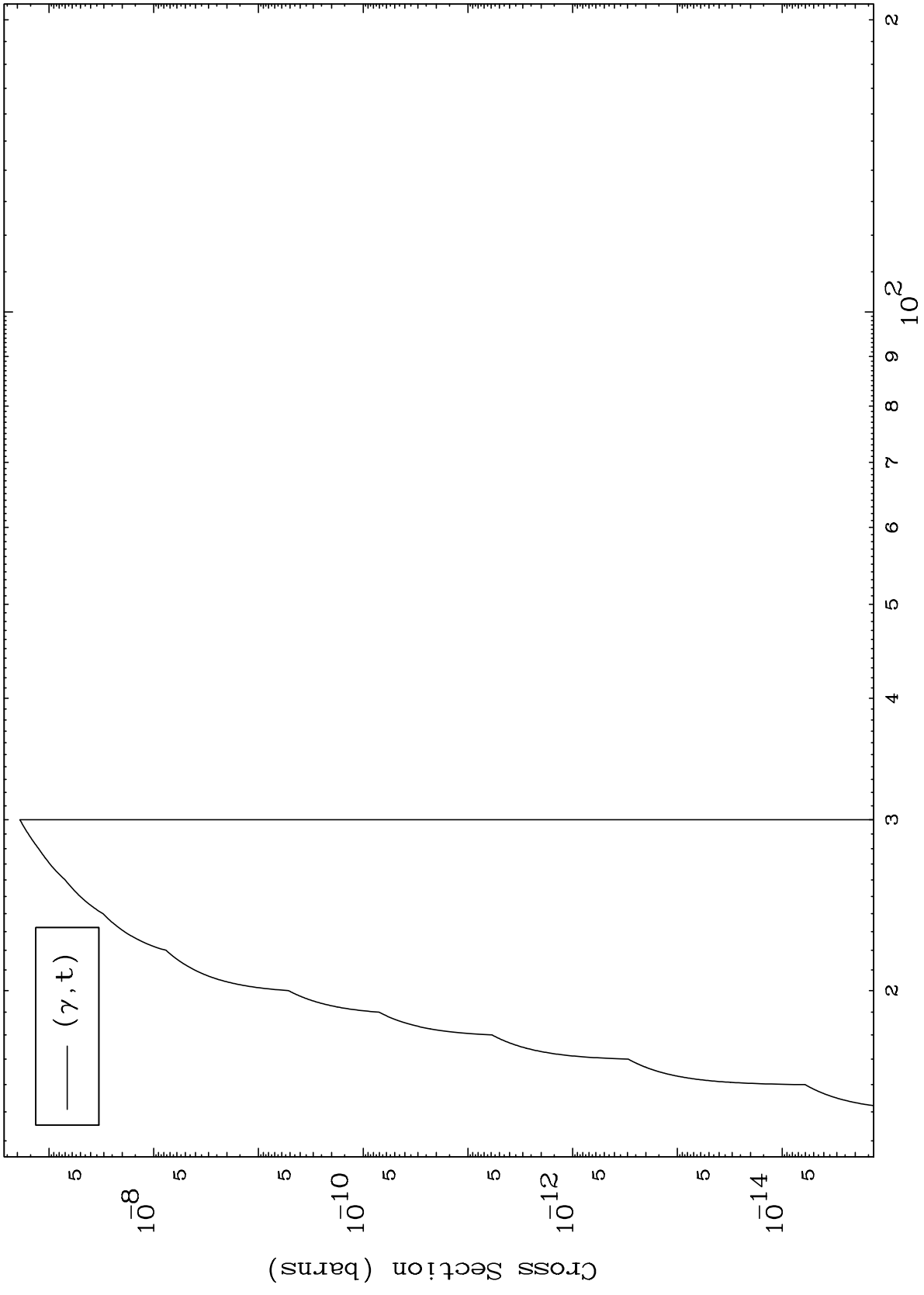
Incident Energy (MeV)

⁷⁹Au-176

MAT 7862

(γ, t) Levels
0 Kelvin Cross Sections

⁷⁹Au-176



8

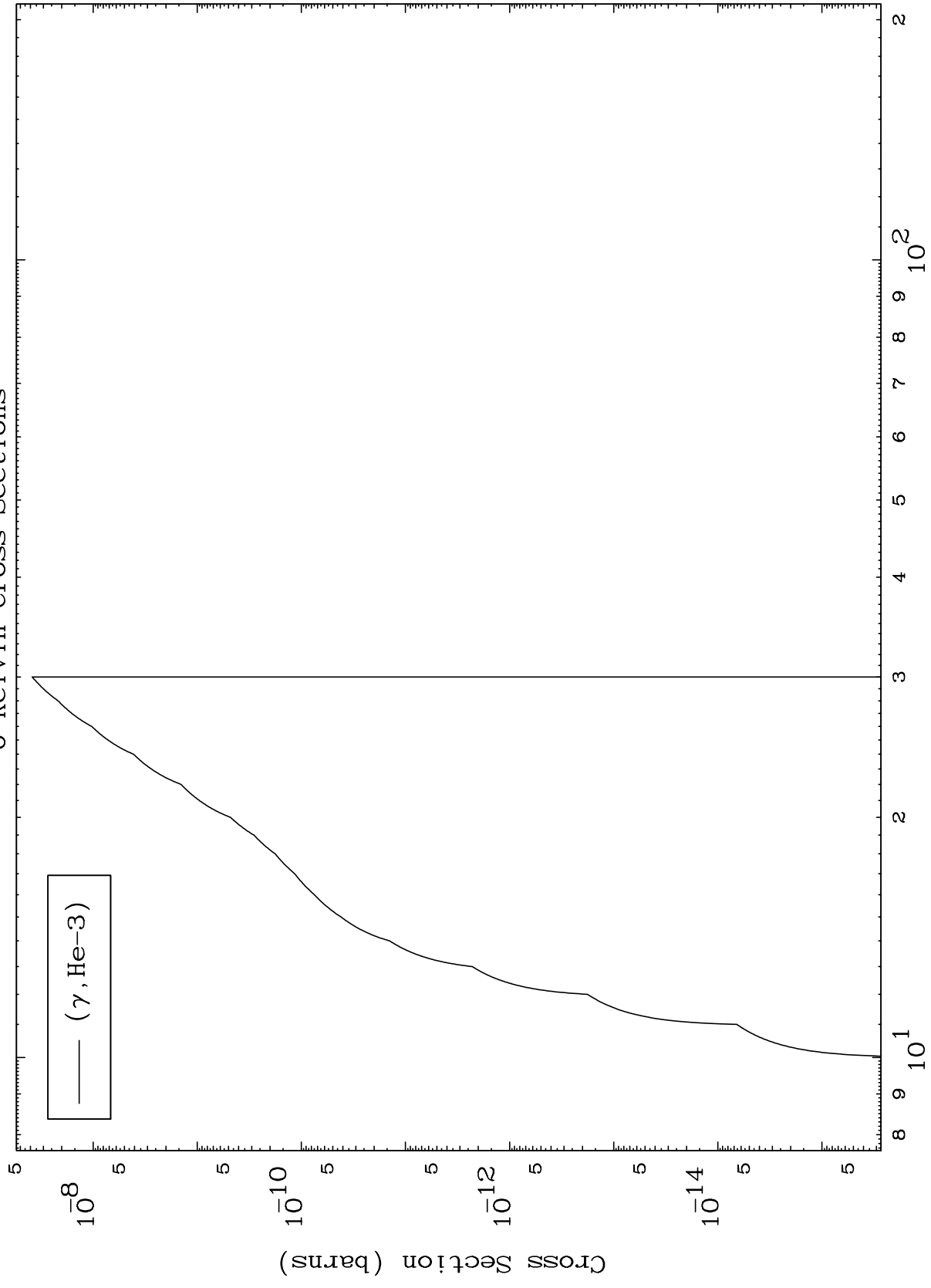
Incident Energy (MeV)

⁷⁹Au-176

MAT 7862

(γ ,He3) Levels
0 Kelvin Cross Sections

79-Au-176



9

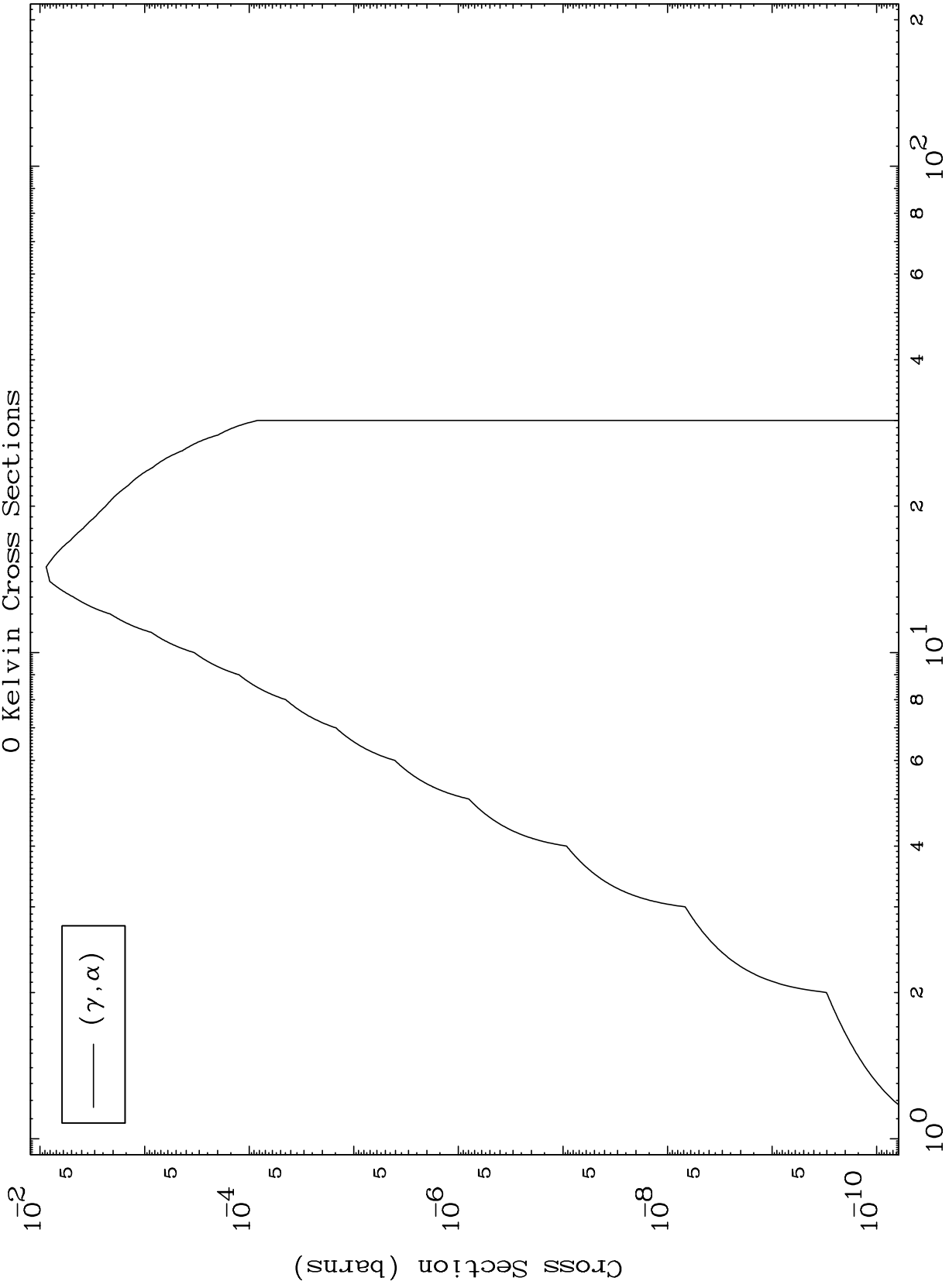
Incident Energy (MeV)

79-Au-176

MAT 7862

(γ, α) Levels
0 Kelvin Cross Sections

⁷⁹Au-176



Incident Energy (MeV)

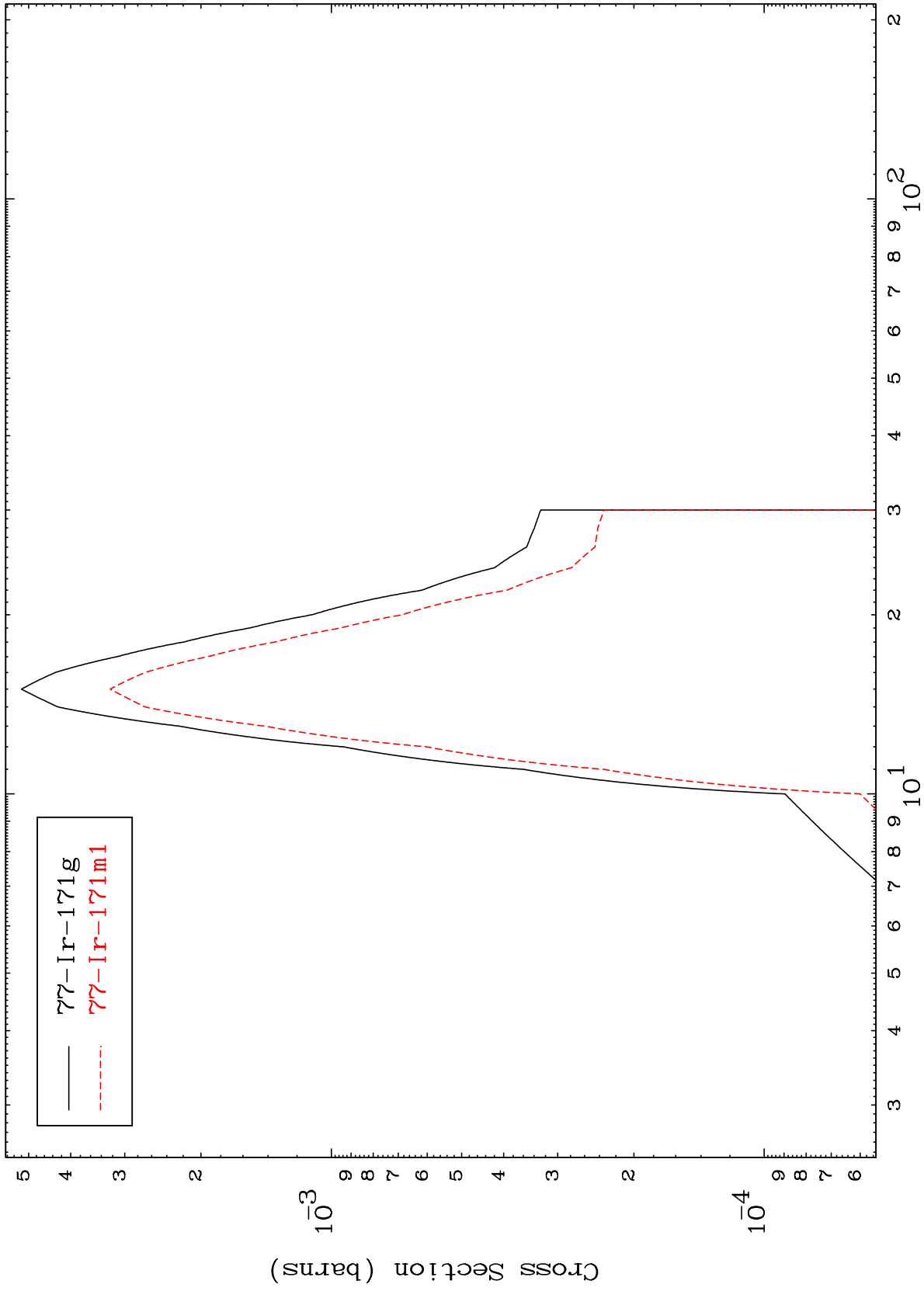
⁷⁹Au-176

MAT 7862

(γ, n') α

$^{79}\text{Au-176}$

Radionuclide Production Cross Section



11

Incident Energy (MeV)

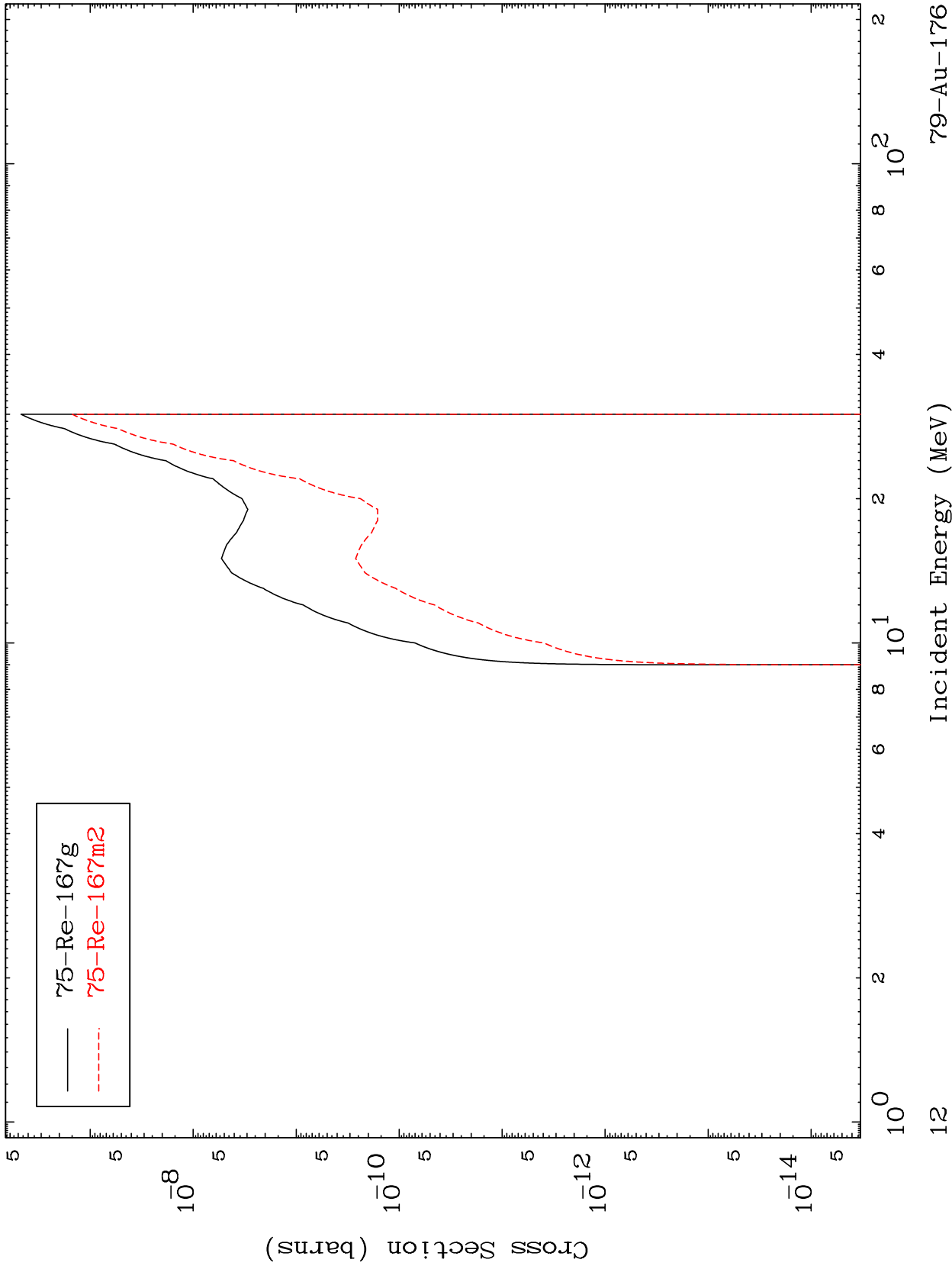
$^{79}\text{Au-176}$

MAT 7862

(γ, n') 2α

⁷⁹Au-176

Radionuclide Production Cross Section

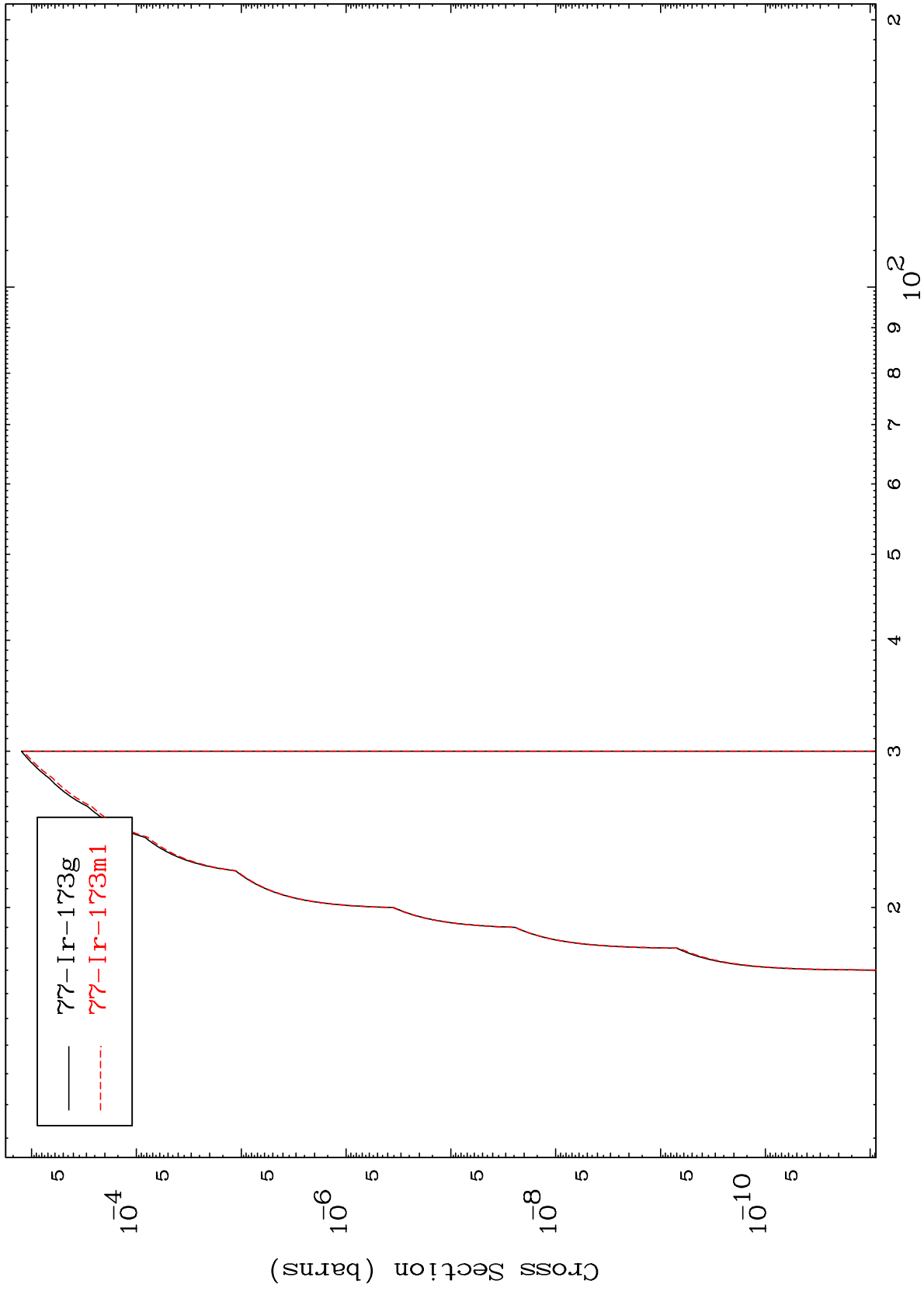


MAT 7862

($\gamma, 2n$) p

⁷⁹Au-176

Radionuclide Production Cross Section



13

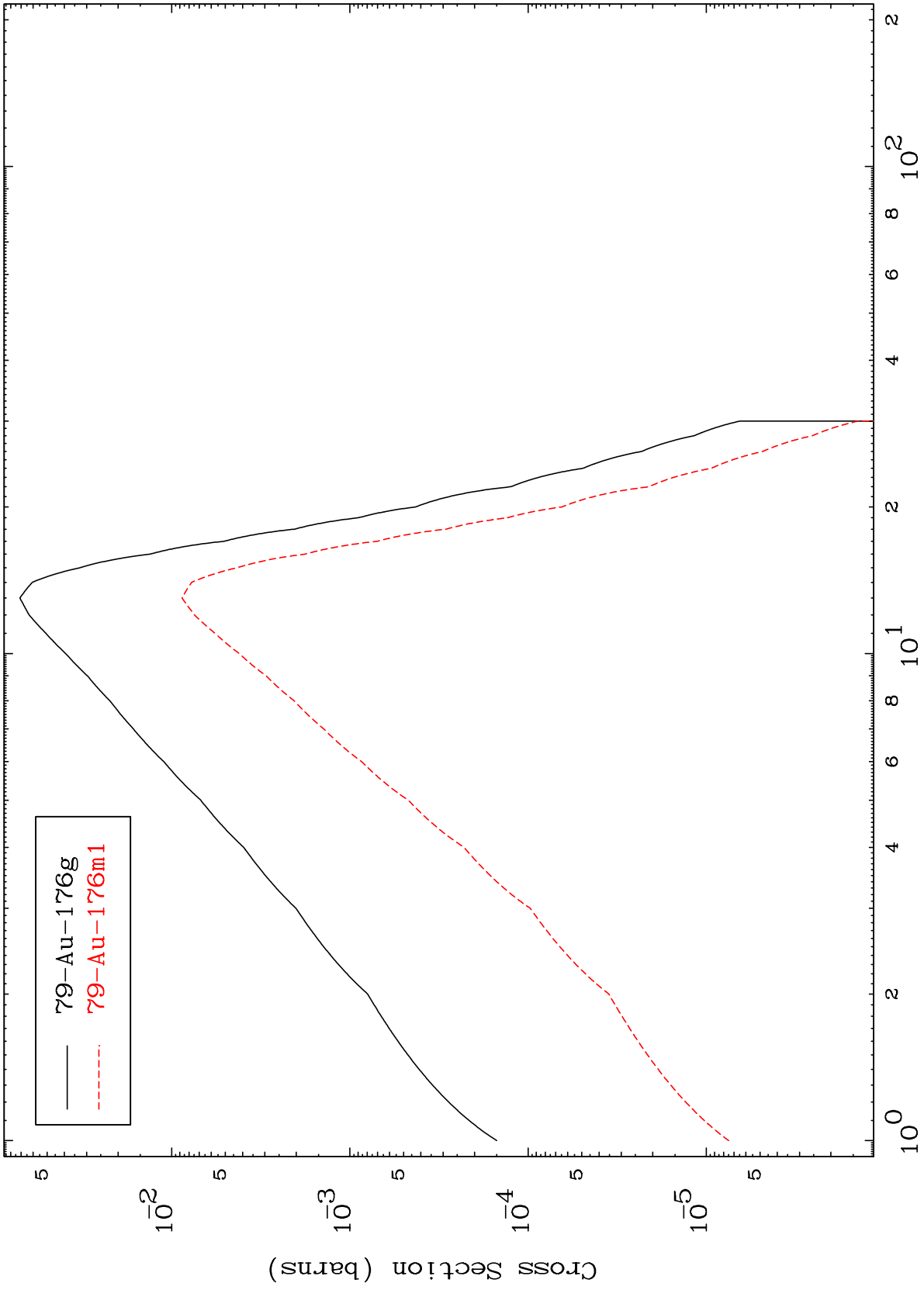
Incident Energy (MeV)

⁷⁹Au-176

MAT 7862

Radionuclide Production Cross Section
(γ, γ)

$^{79}\text{Au-176}$



14

Incident Energy (MeV)

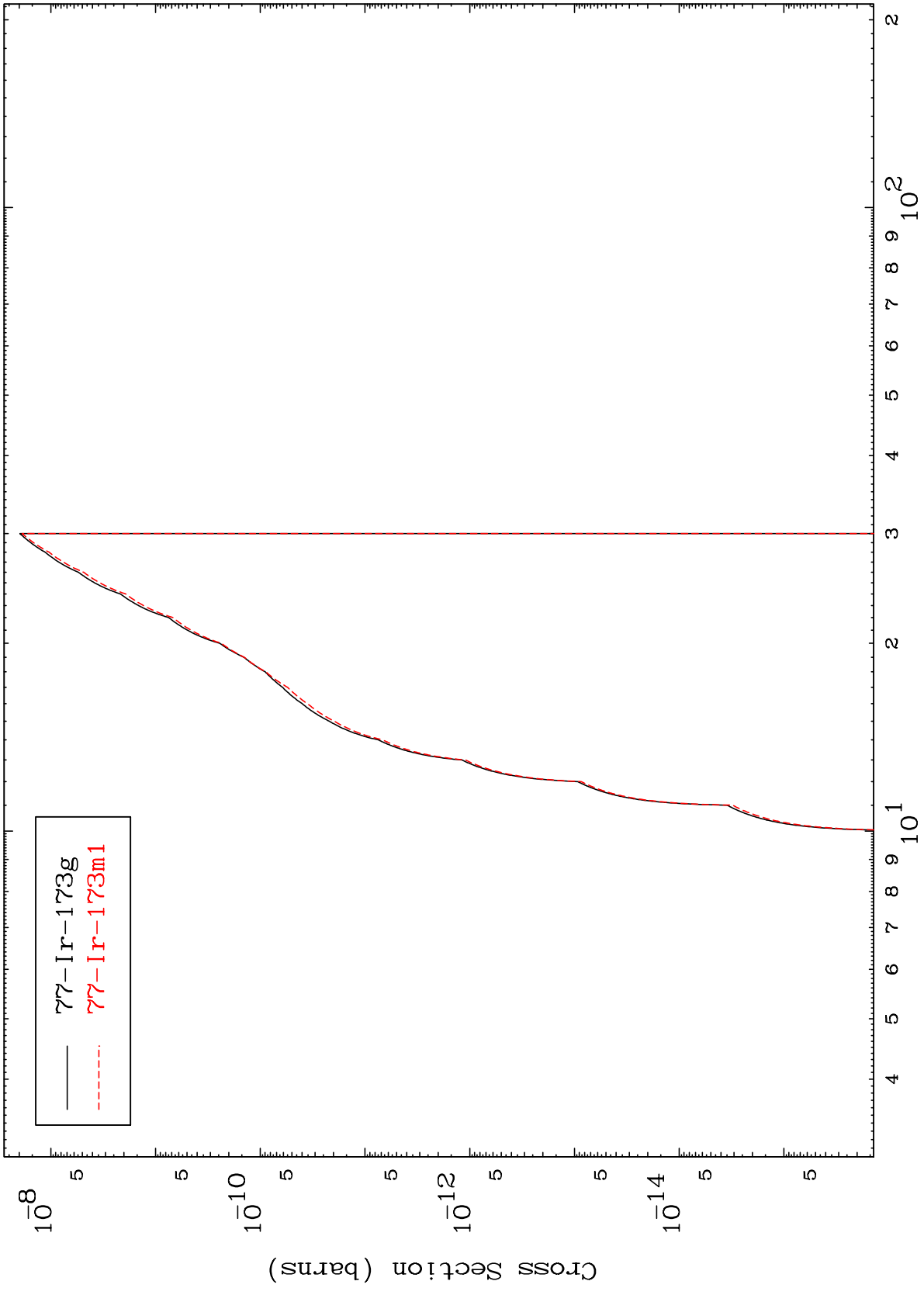
$^{79}\text{Au-176}$

MAT 7862

(γ , He-3)

⁷⁹Au-176

Radionuclide Production Cross Section

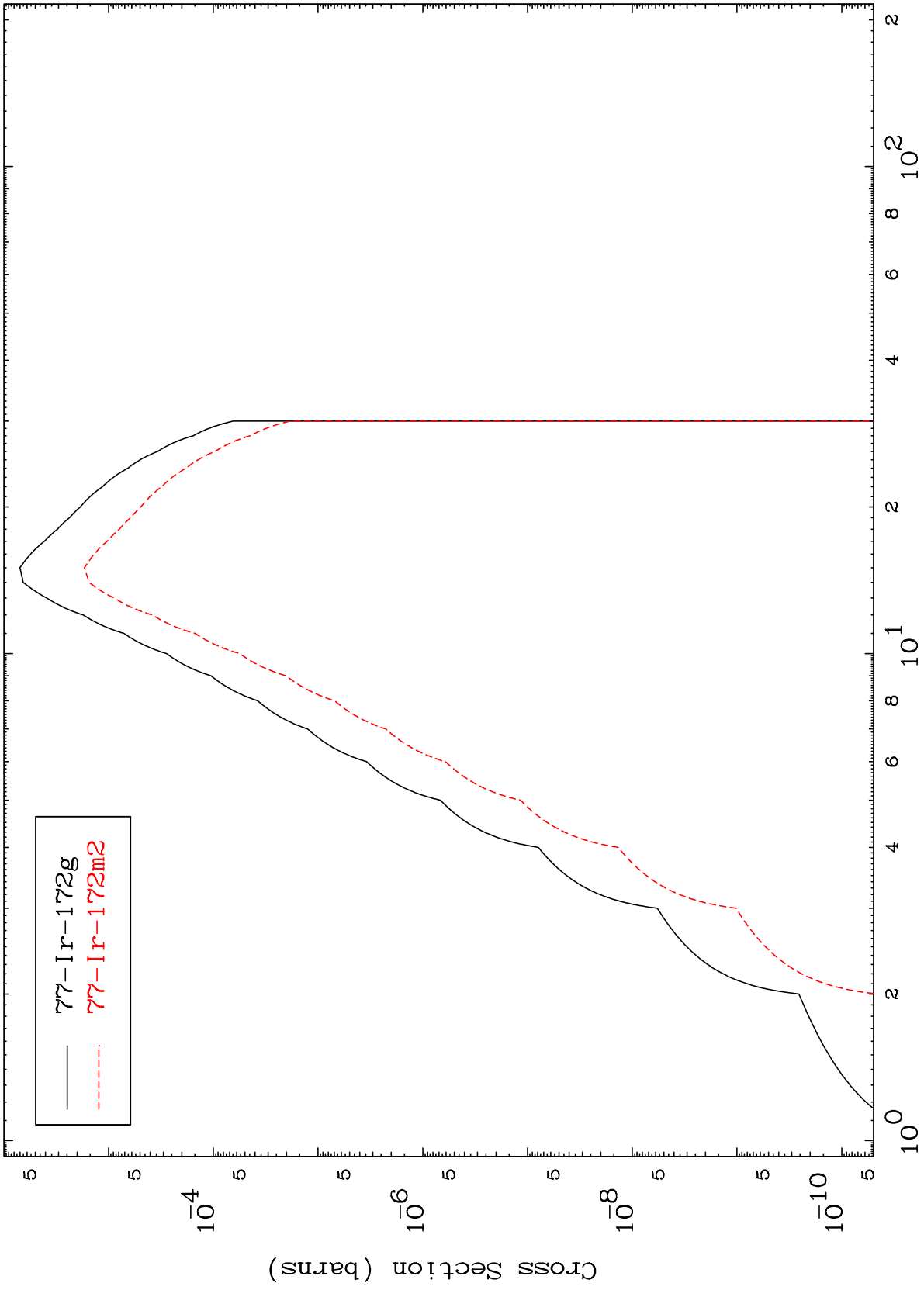


77-Ir-173g
77-Ir-173m1

MAT 7862

Radionuclide Production Cross Section
(γ, α)

⁷⁹Au-176



— ⁷⁷-Ir-172g
- - - ⁷⁷-Ir-172m2

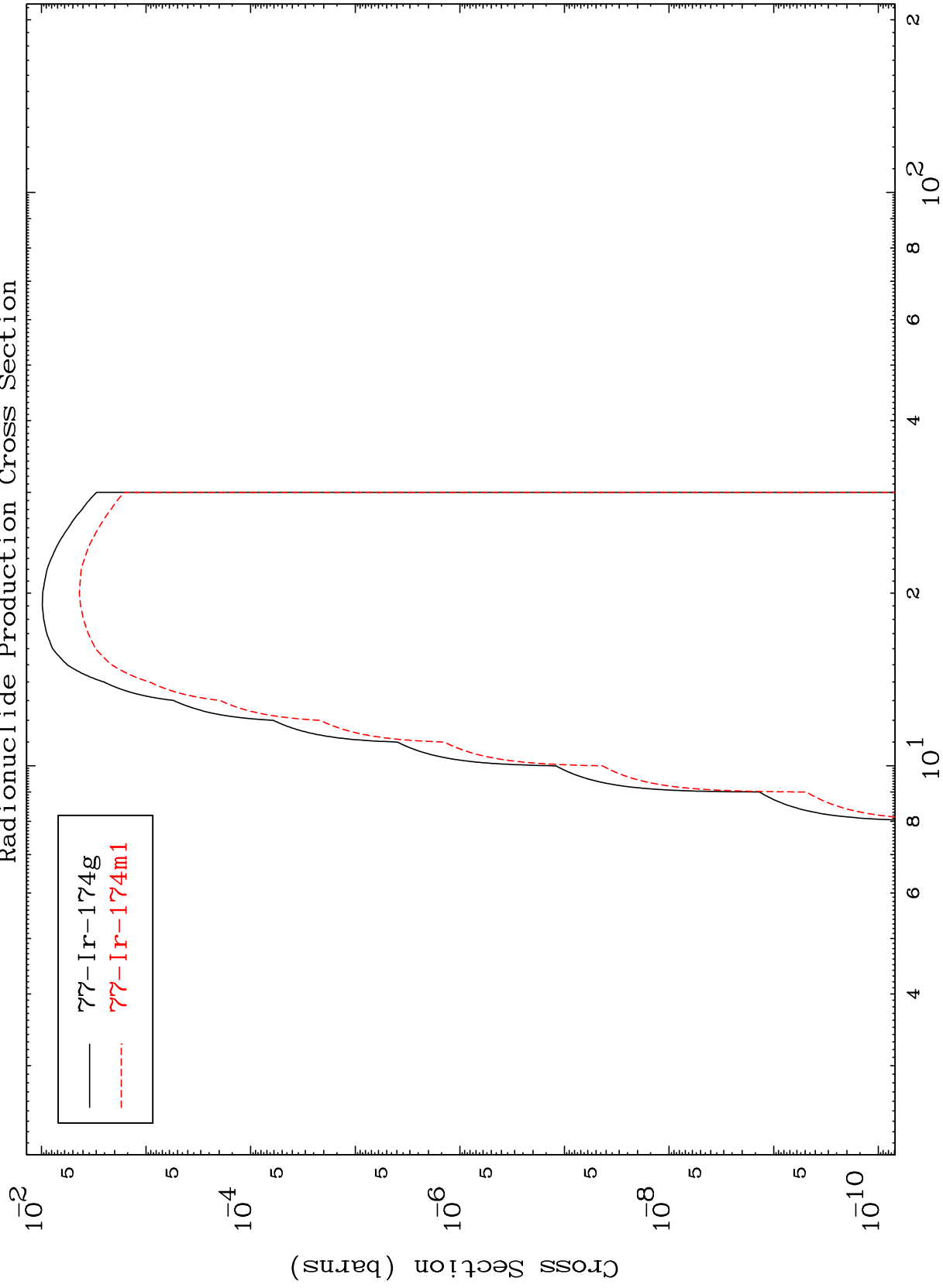
Incident Energy (MeV)

⁷⁹Au-176

MAT 7862

⁷⁹Au-176

($\gamma, 2p$)
Radionuclide Production Cross Section



17

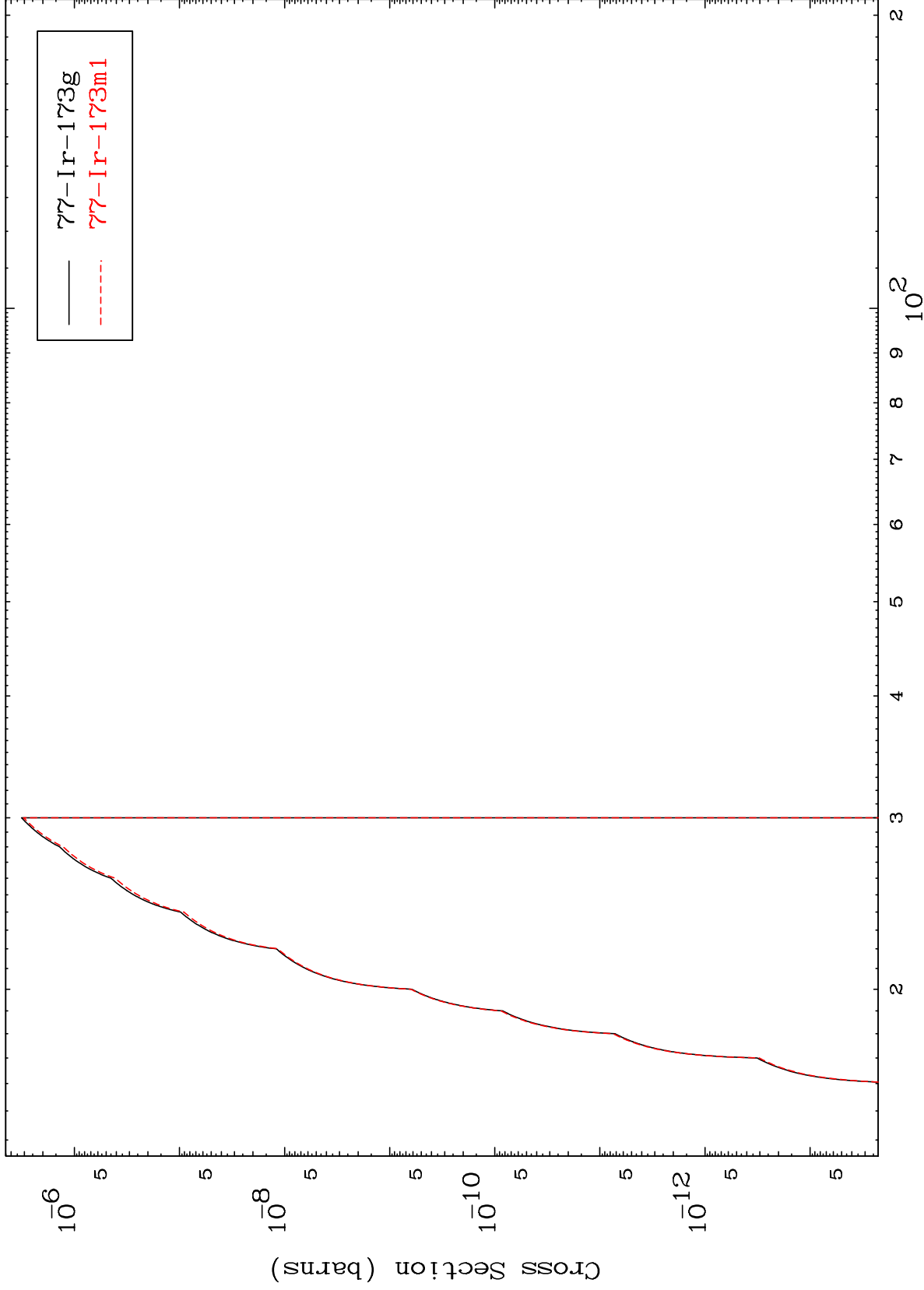
⁷⁹Au-176

MAT 7862

(γ, p) d

⁷⁹Au-176

Radionuclide Production Cross Section



18

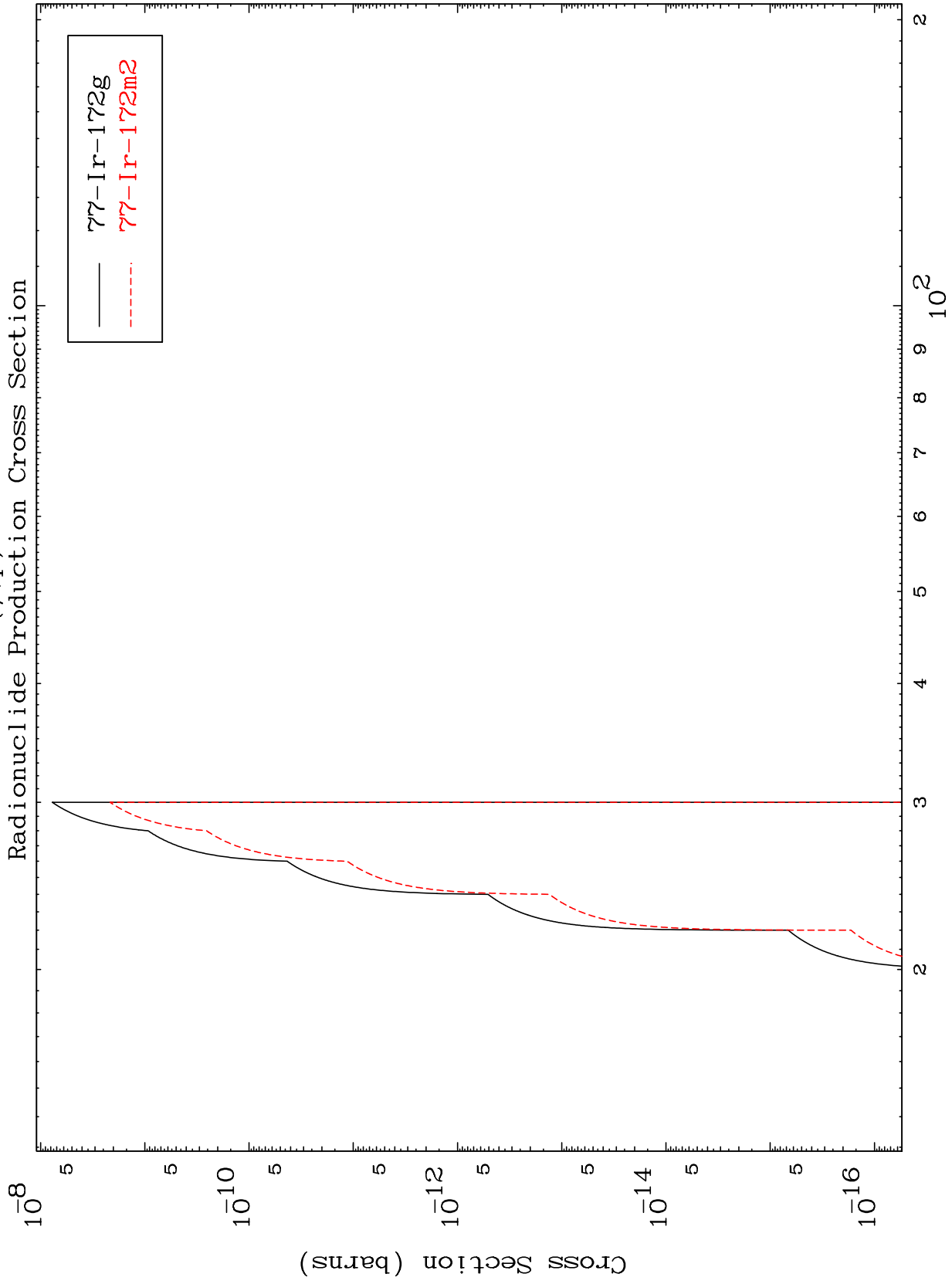
Incident Energy (MeV)

⁷⁹Au-176

MAT 7862

(γ, p) t

⁷⁹Au-176



19

⁷⁹Au-176

⁷⁹Au-176