

Program EVALPLOT  
(Version 2017-1)

by

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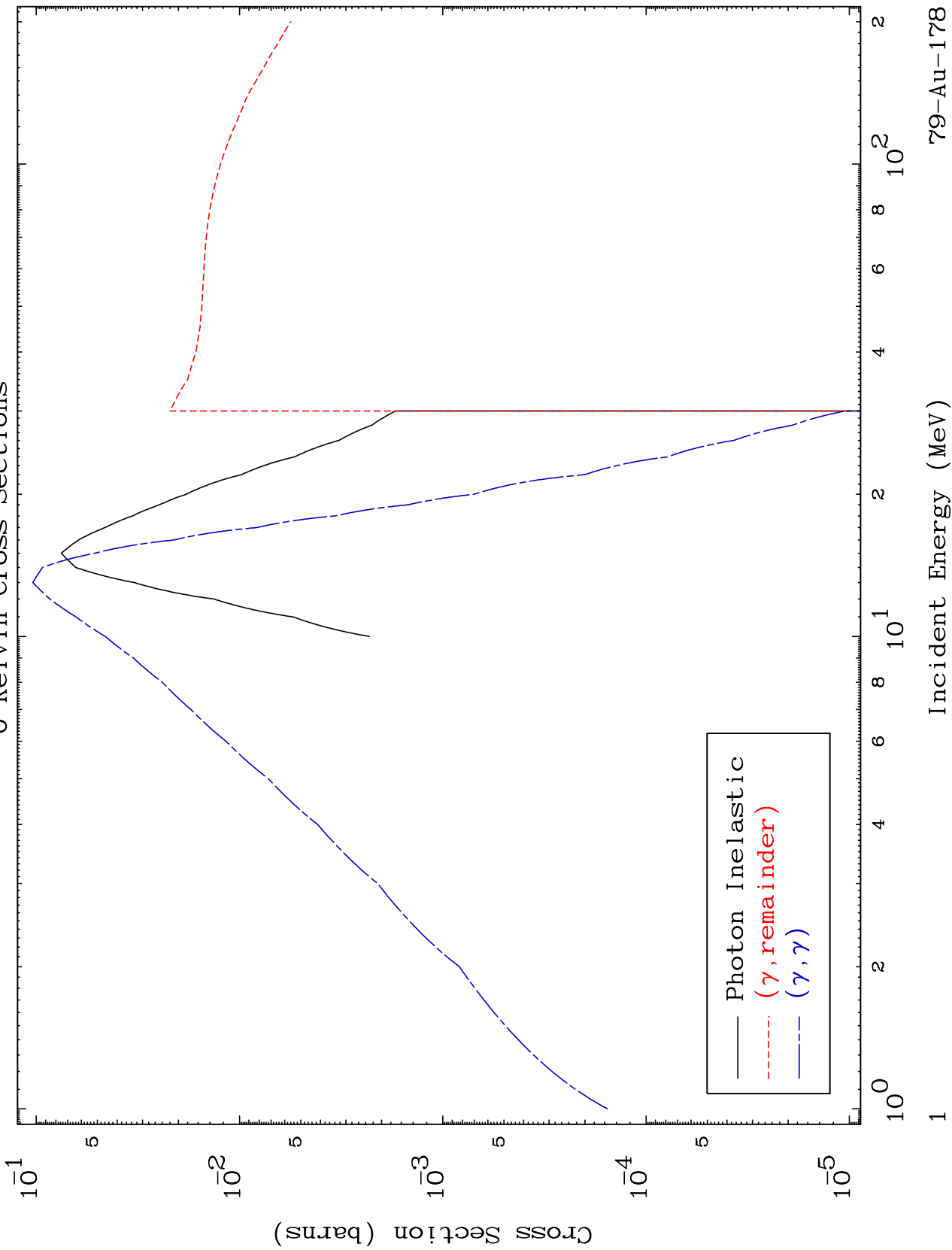
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 7868

Photon Major  
0 Kelvin Cross Sections

79-Au-178



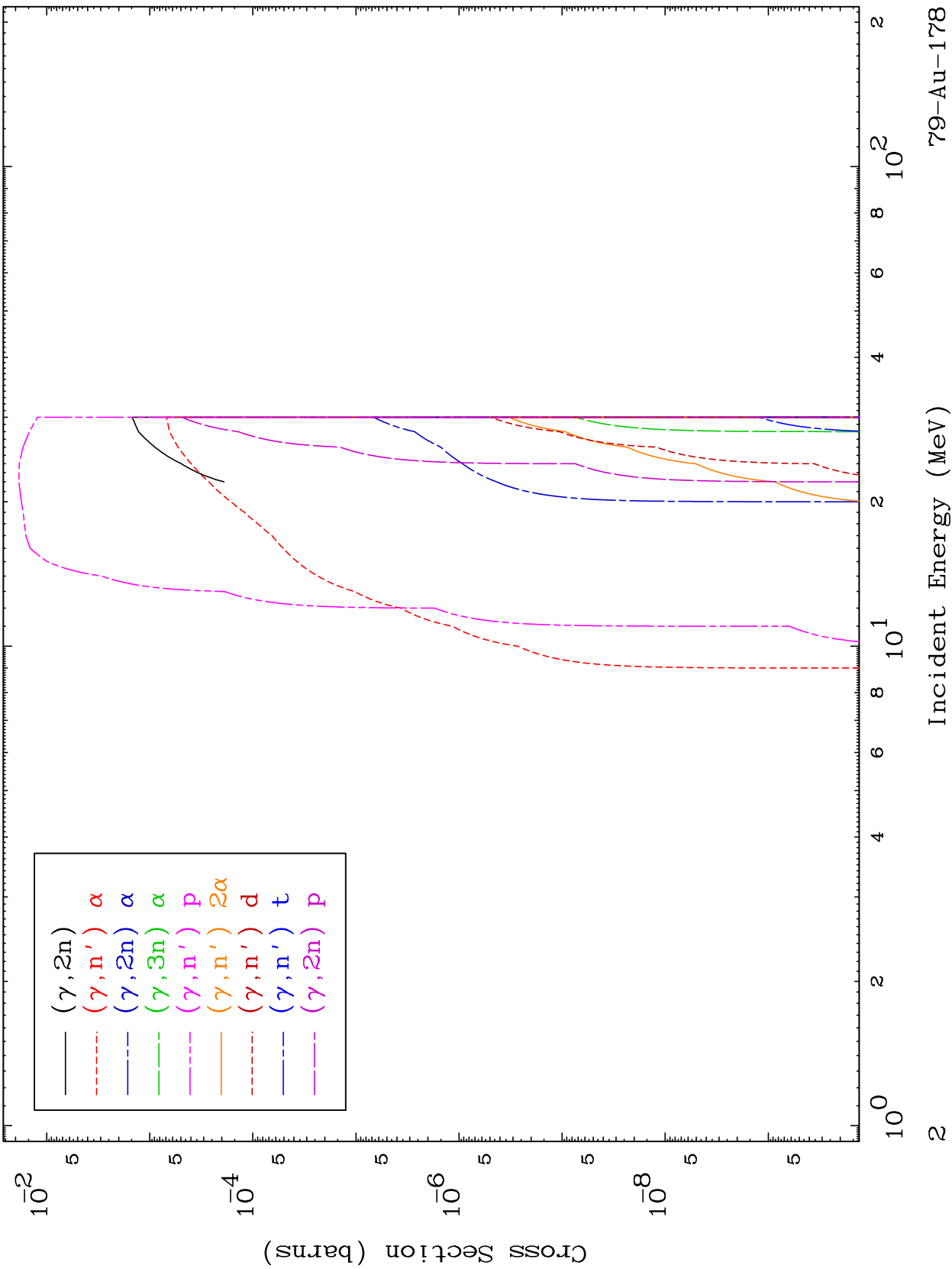
79-Au-178

Incident Energy (MeV)

MAT 7868

Photon Neutron Production  
0 Kelvin Cross Sections

79-Au-178



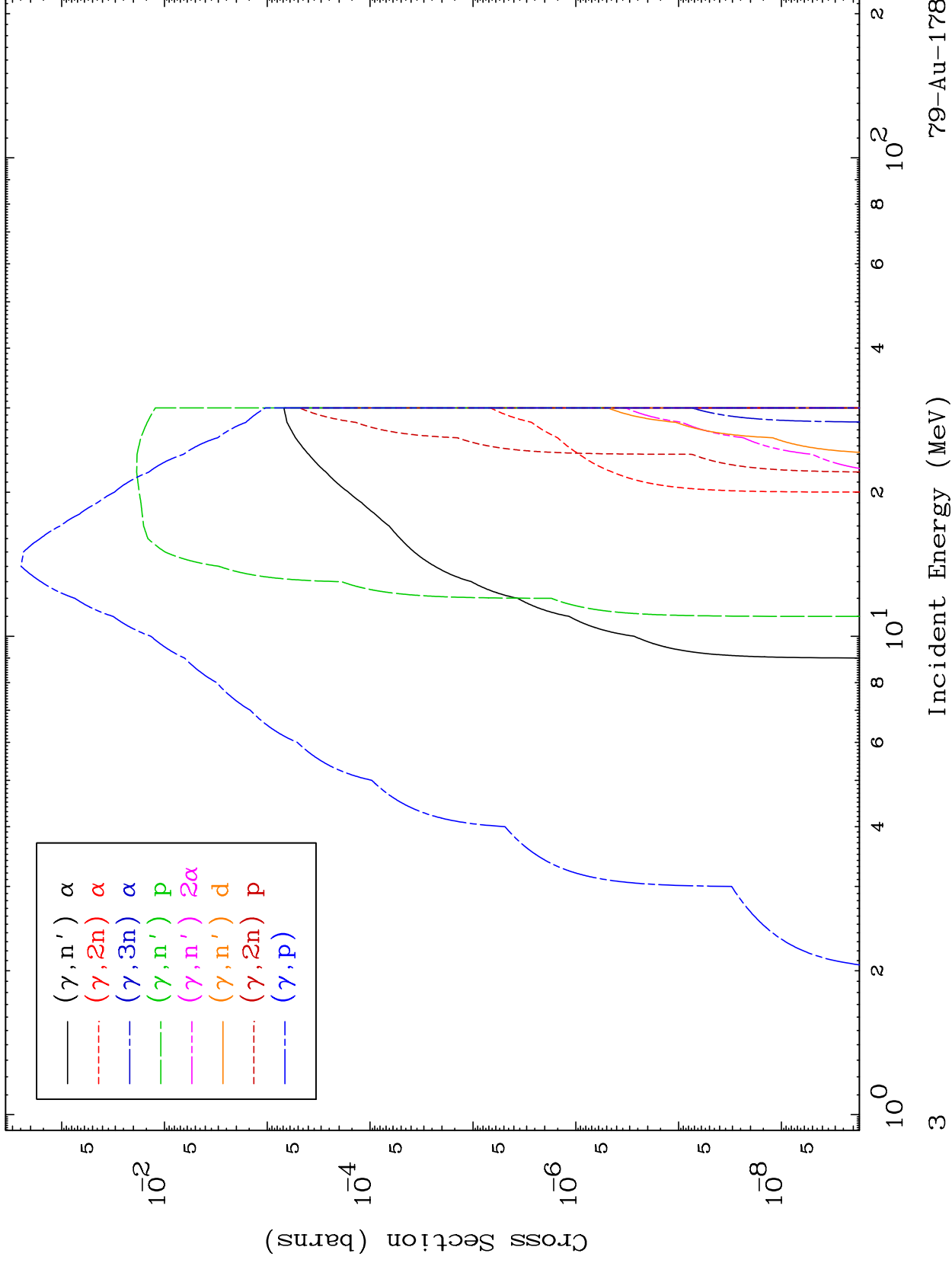
79-Au-178

Incident Energy (MeV)

MAT 7868

Photon Charged Particle  
0 Kelvin Cross Sections

79-Au-178



79-Au-178

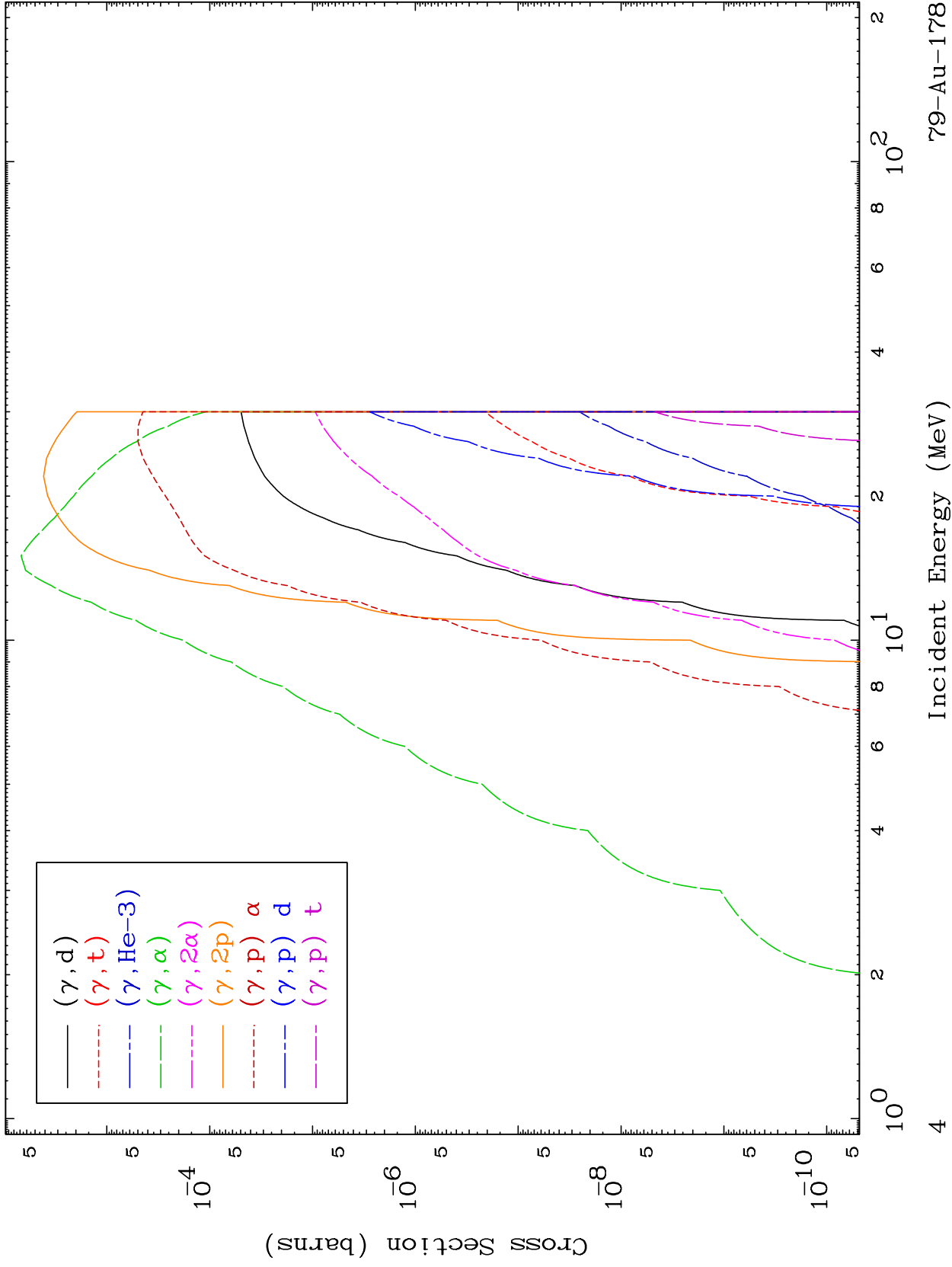
Incident Energy (MeV)

3

MAT 7868

Photon Charged Particle  
0 Kelvin Cross Sections

79-Au-178



79-Au-178

Incident Energy (MeV)

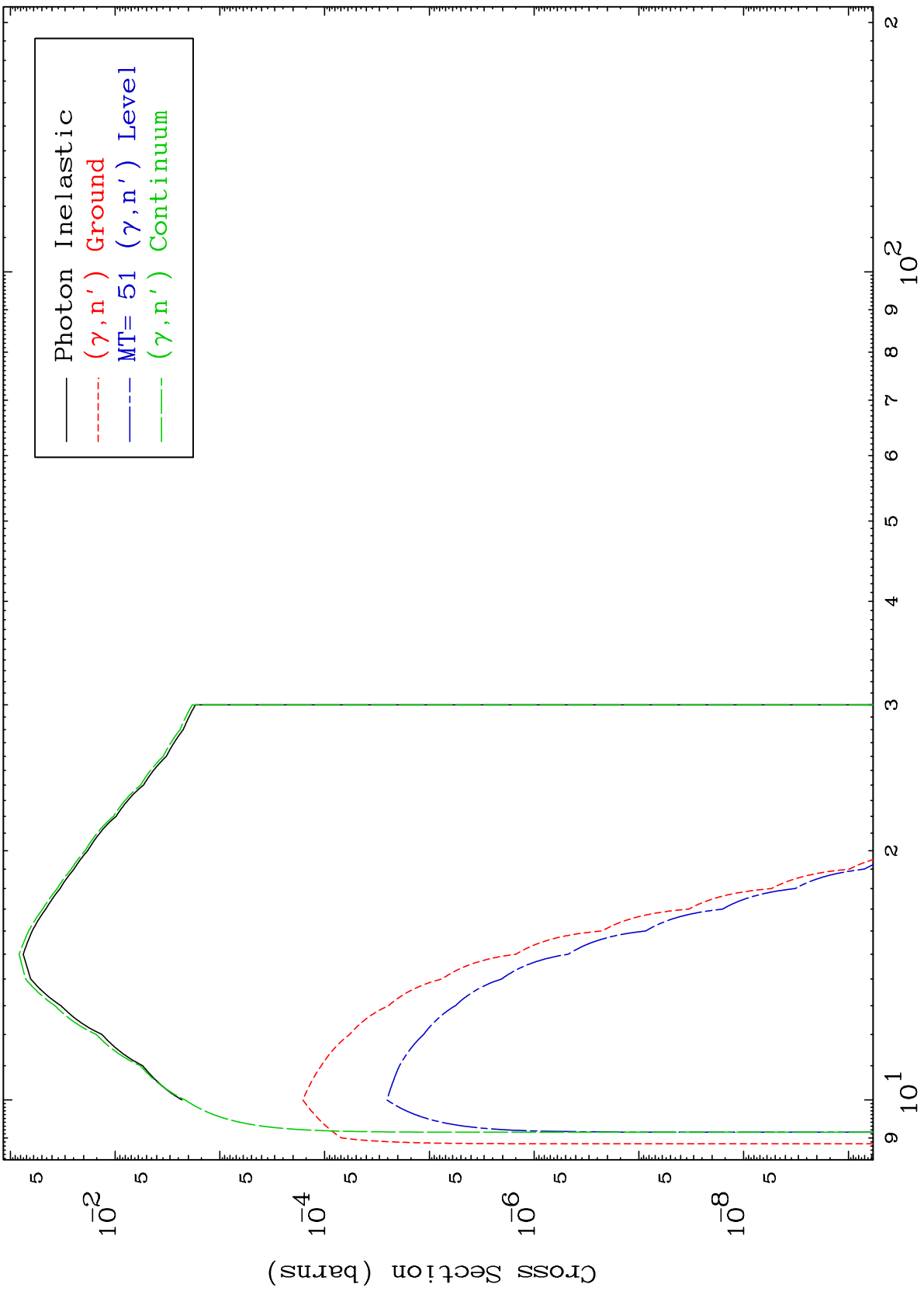
4

MAT 7868

$(\gamma, n')$  Level

79-Au-178

0 Kelvin Cross Sections



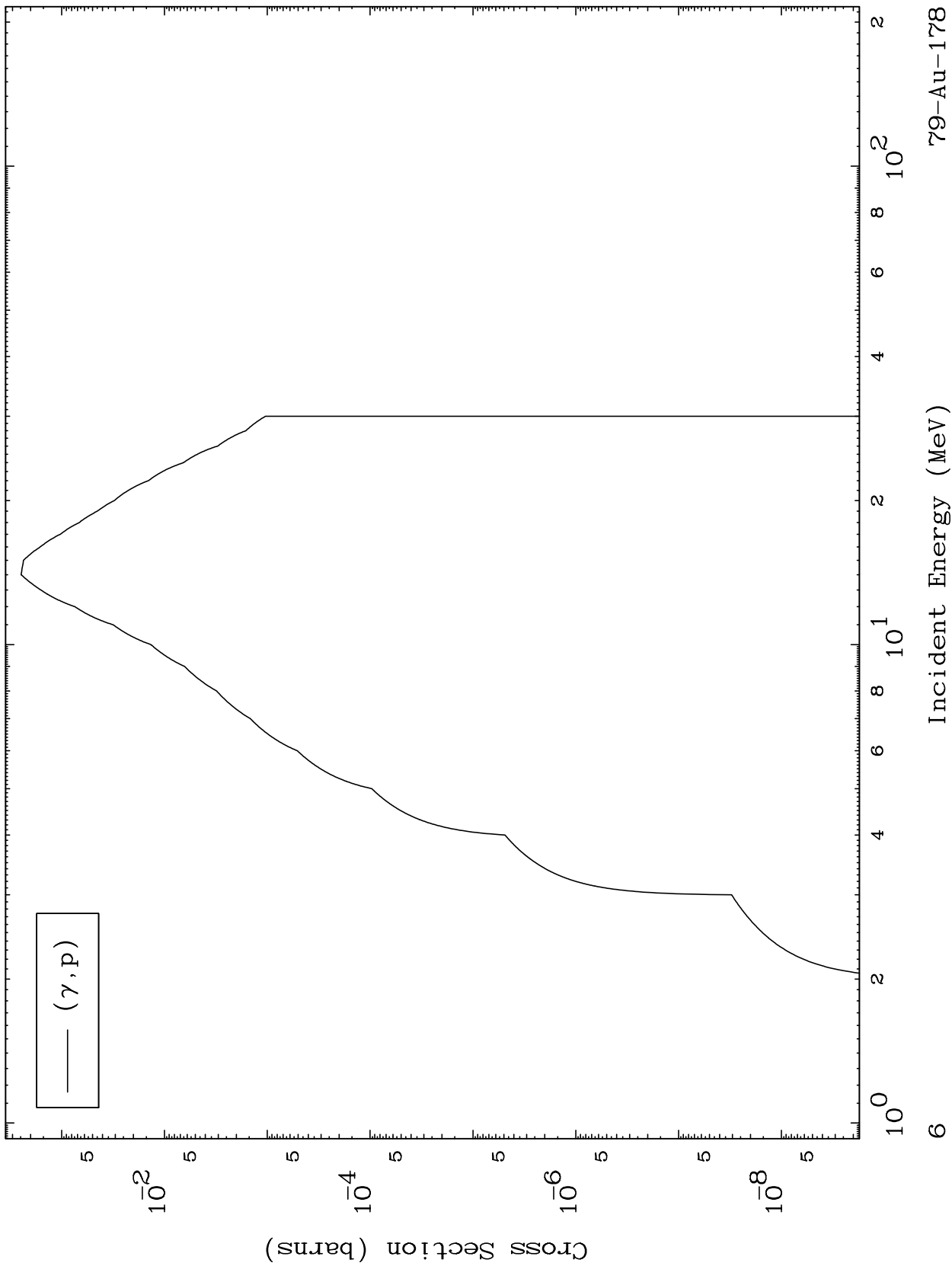
Incident Energy (MeV)

79-Au-178

MAT 7868

79-Au-178

( $\gamma, p$ ) Levels  
0 Kelvin Cross Sections



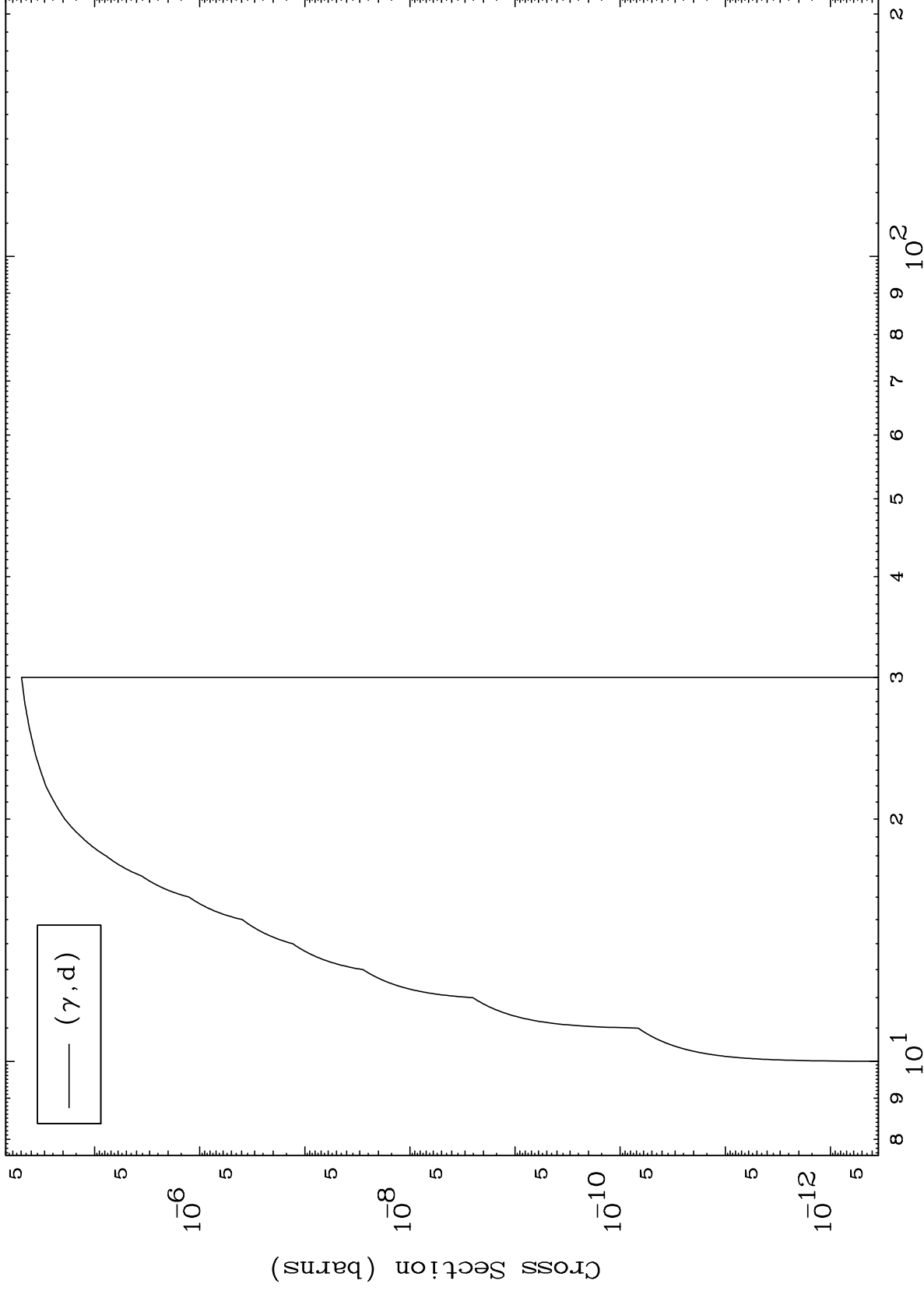
79-Au-178

Incident Energy (MeV)

MAT 7868

( $\gamma, d$ ) Levels  
0 Kelvin Cross Sections

79-Au-178

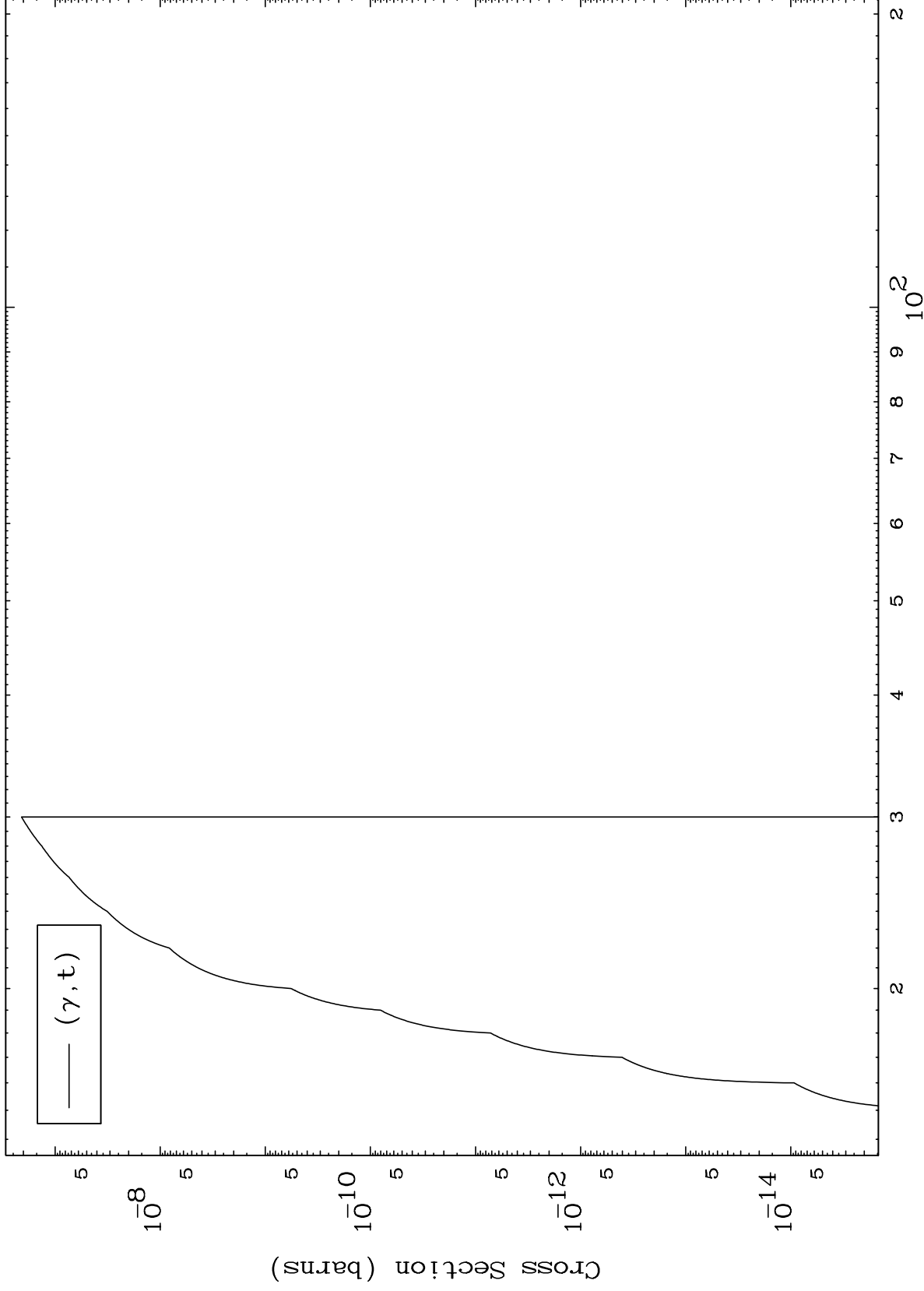


Incident Energy (MeV)

79-Au-178

7

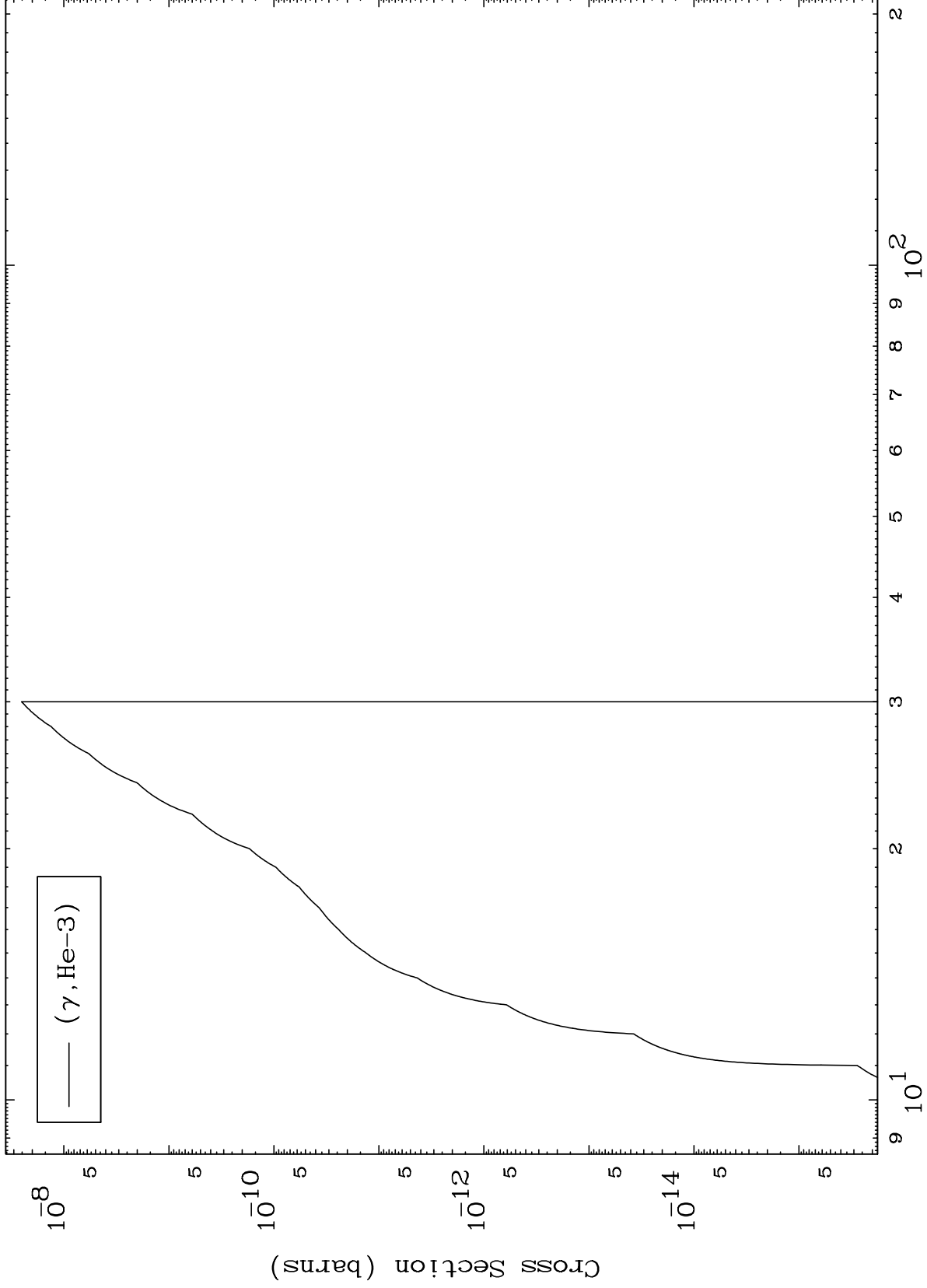




MAT 7868

( $\gamma$ , He3) Levels  
0 Kelvin Cross Sections

79-Au-178



9

Incident Energy (MeV)

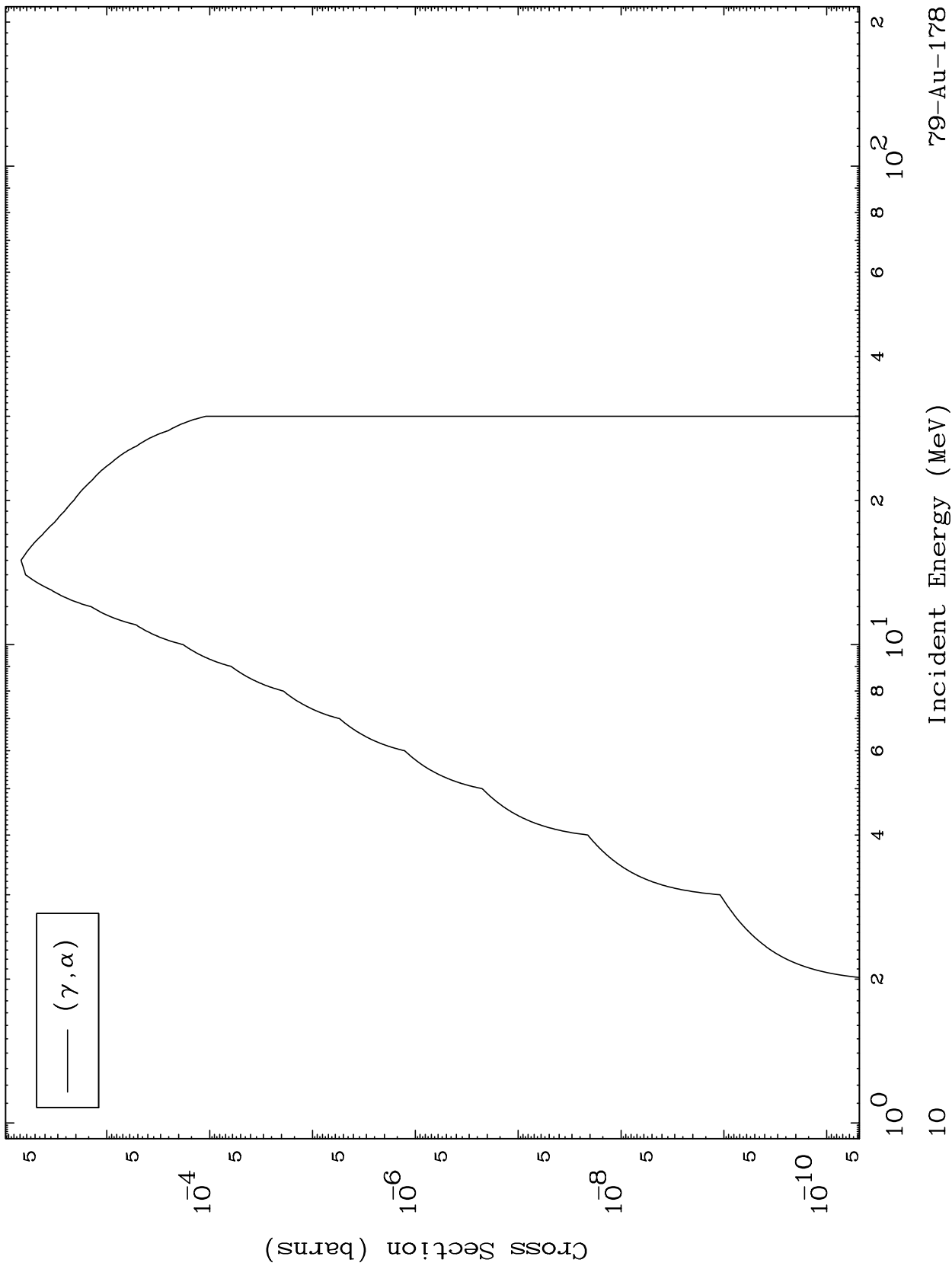
79-Au-178

MAT 7868

( $\gamma, \alpha$ ) Levels

79-Au-178

0 Kelvin Cross Sections



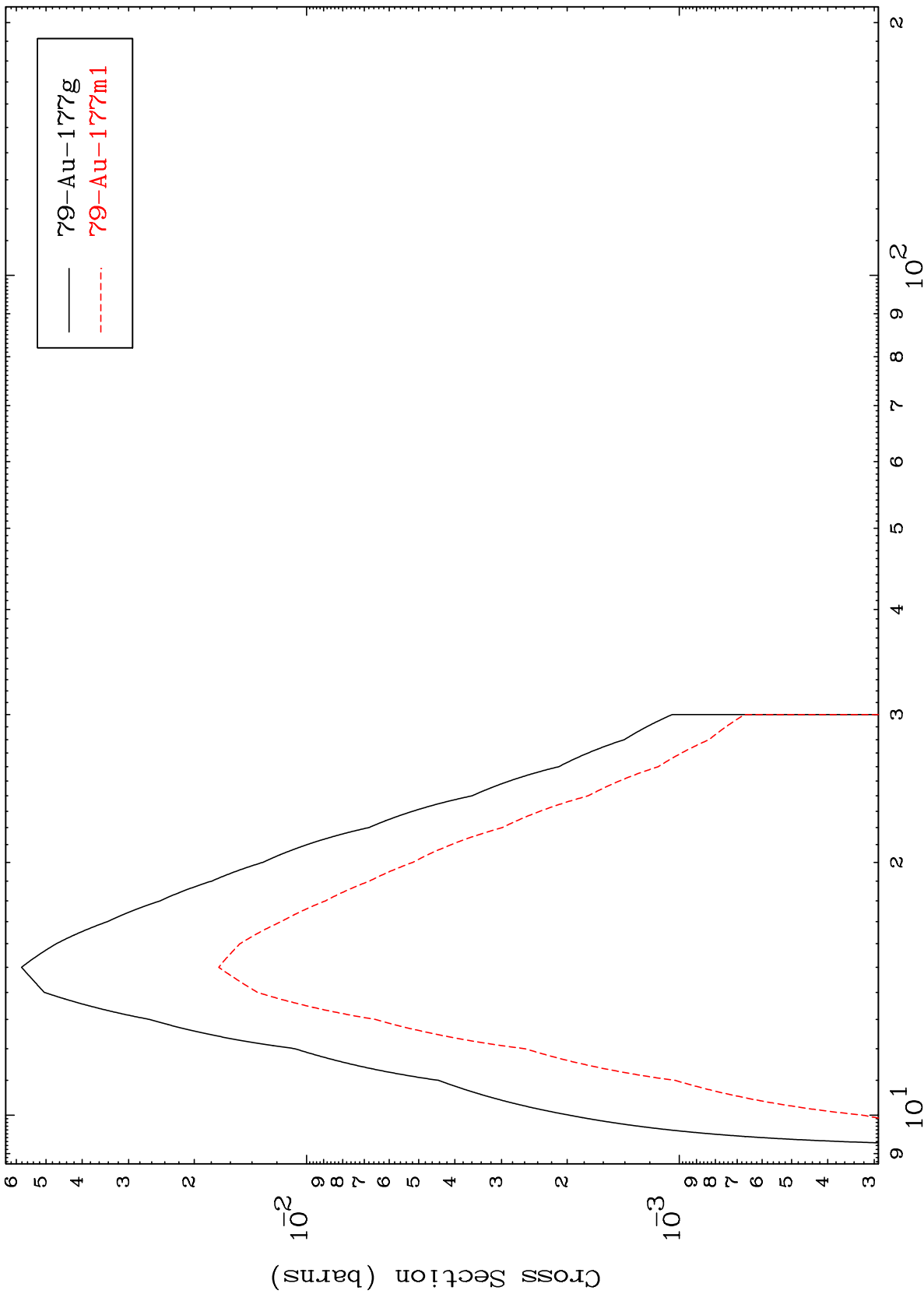
Incident Energy (MeV)

79-Au-178

MAT 7868

79-Au-178

Photon Inelastic  
Radionuclide Production Cross Section



79-Au-178

Incident Energy (MeV)

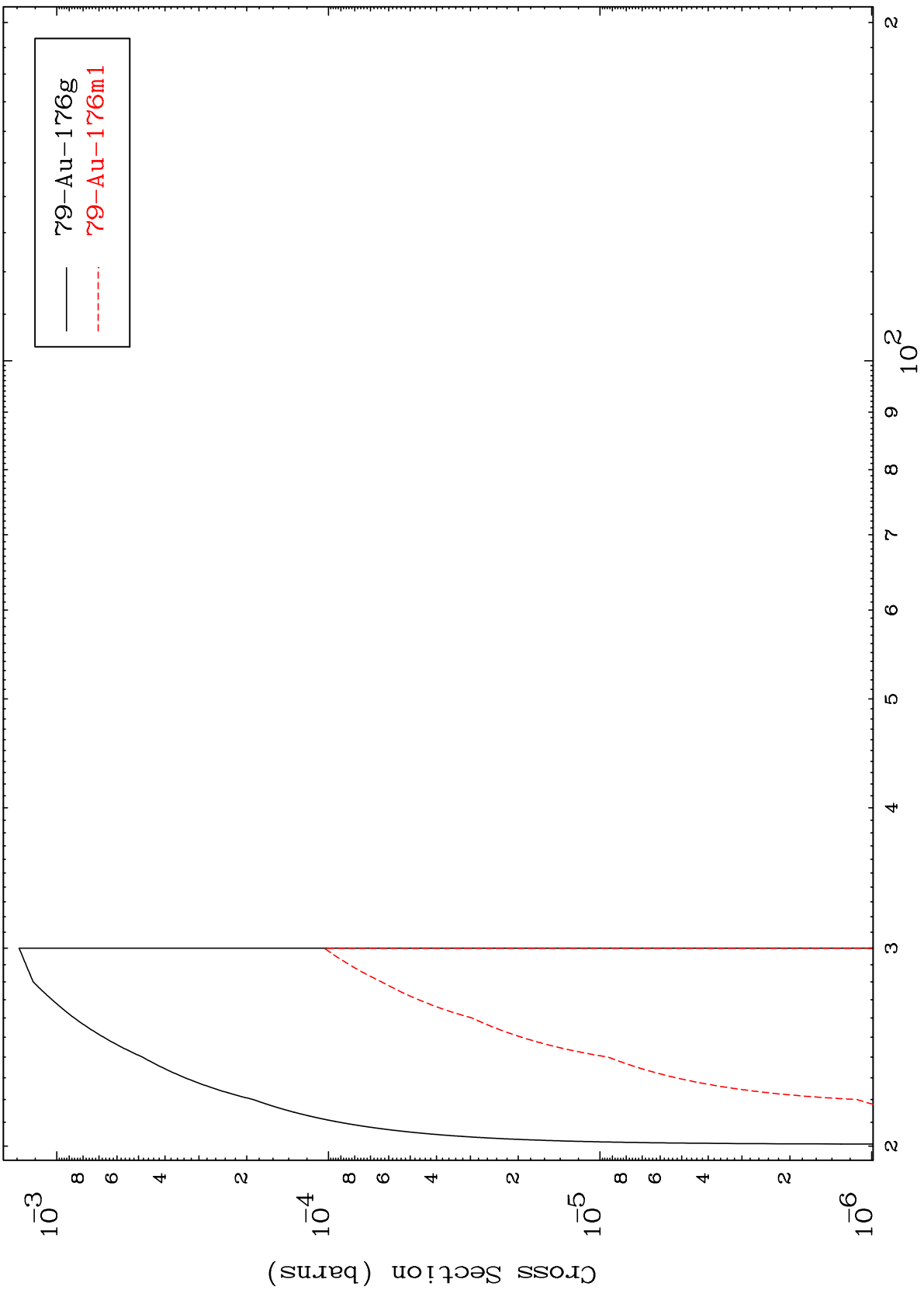
11

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79-Au-178

( $\gamma, 2n$ )

Radionuclide Production Cross Section



12

79-Au-178

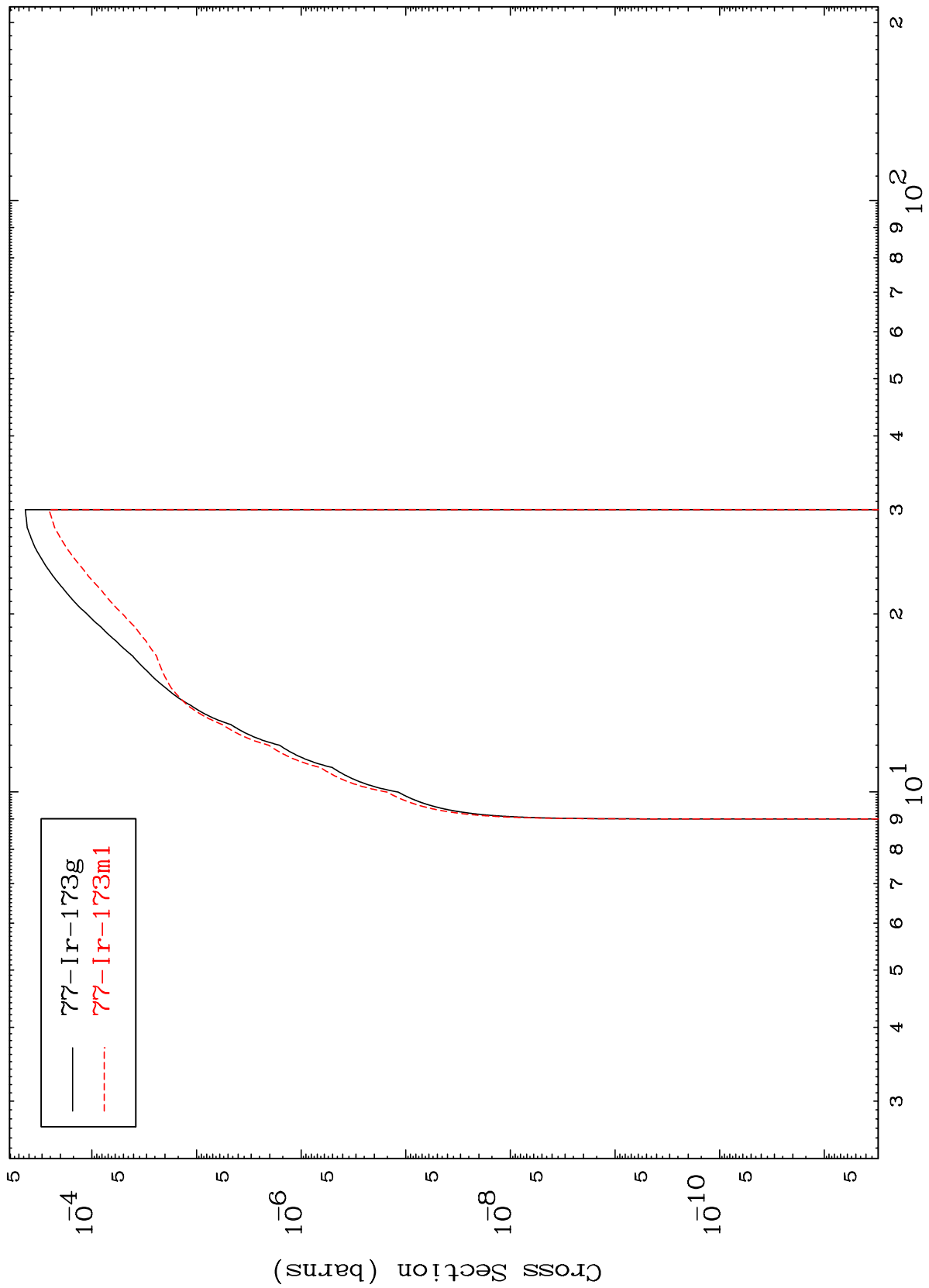
Incident Energy (MeV)

MAT 7868

$(\gamma, n')$   $\alpha$

79-Au-178

Radionuclide Production Cross Section



13

Incident Energy (MeV)

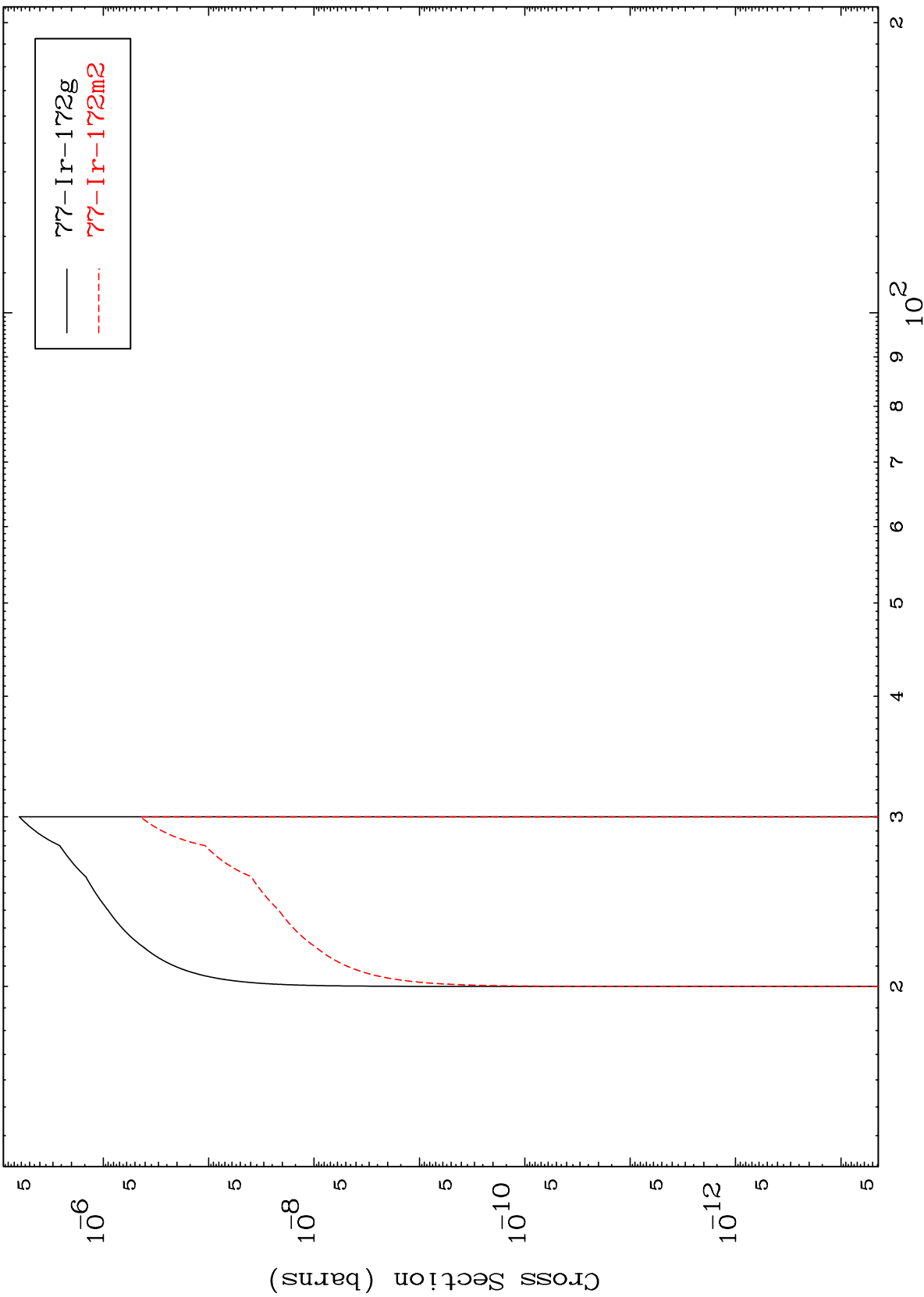
79-Au-178

MAT 7868

$(\gamma, 2n) \alpha$

79-Au-178

Radionuclide Production Cross Section



14

Incident Energy (MeV)

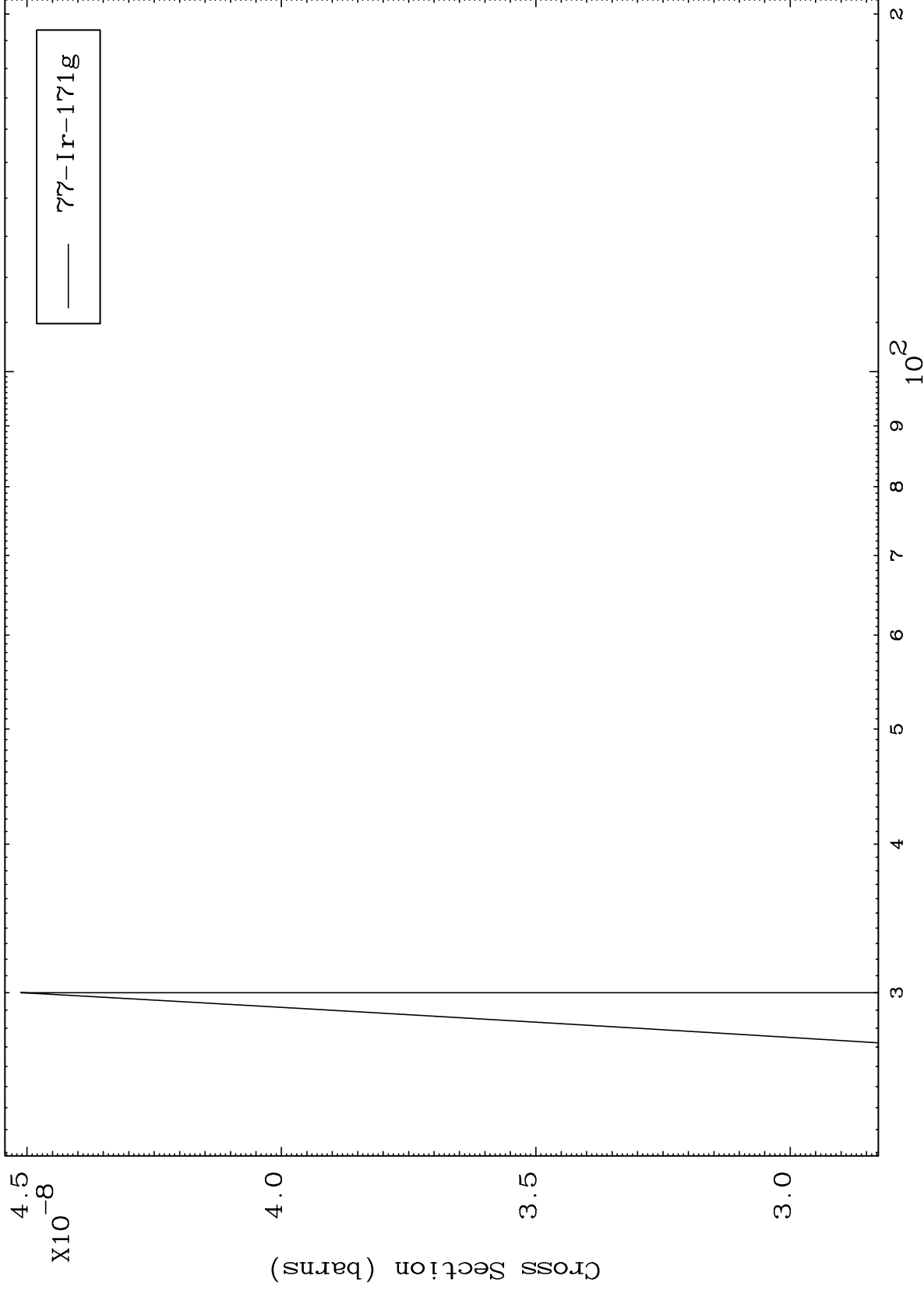
79-Au-178

MAT 7868

79-Au-178

$(\gamma, 3n) \alpha$

Radionuclide Production Cross Section



79-Au-178

Incident Energy (MeV)

15

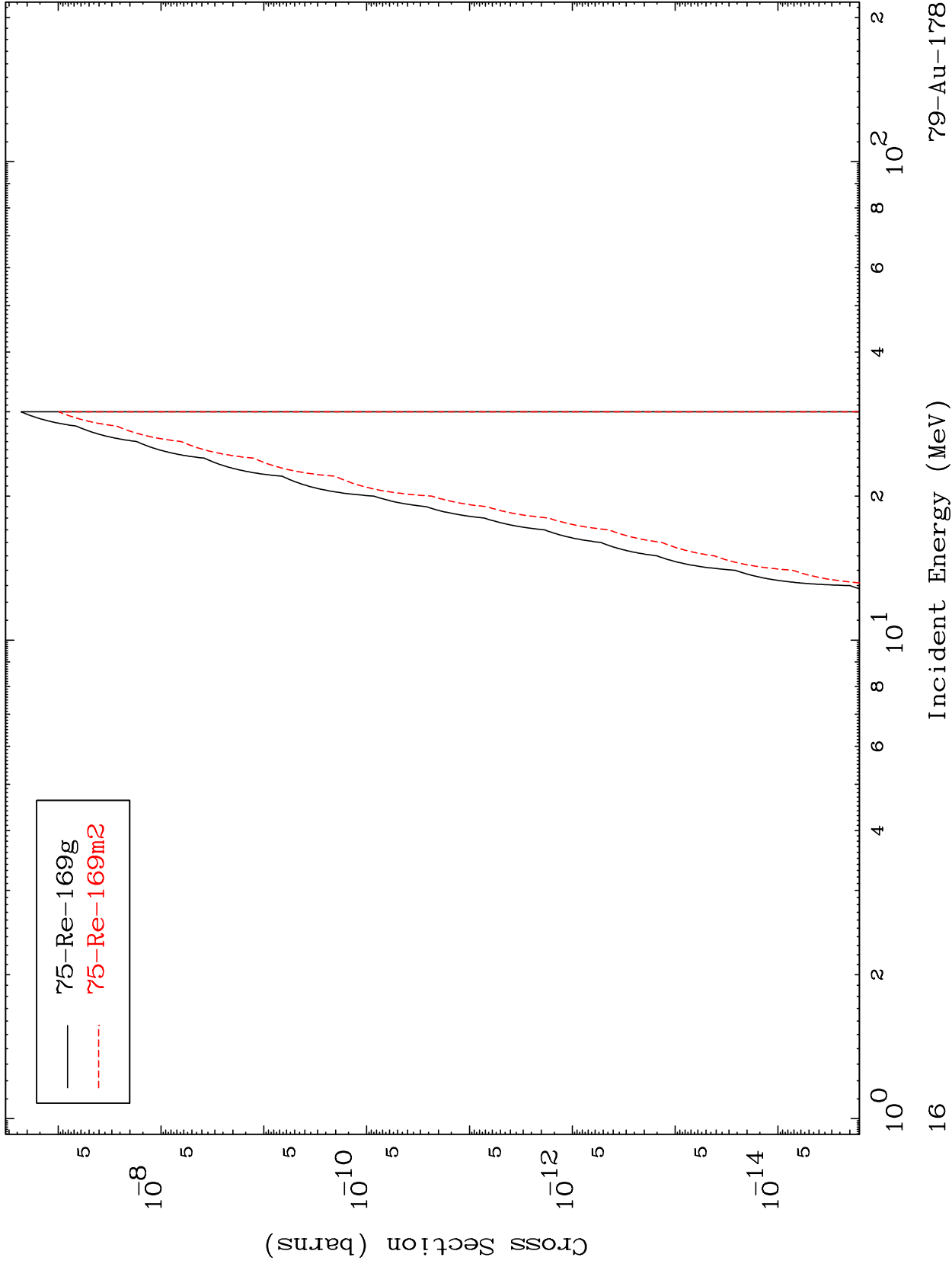


MAT 7868

$(\gamma, n')$   $2\alpha$

$^{79}\text{Au-178}$

Radionuclide Production Cross Section

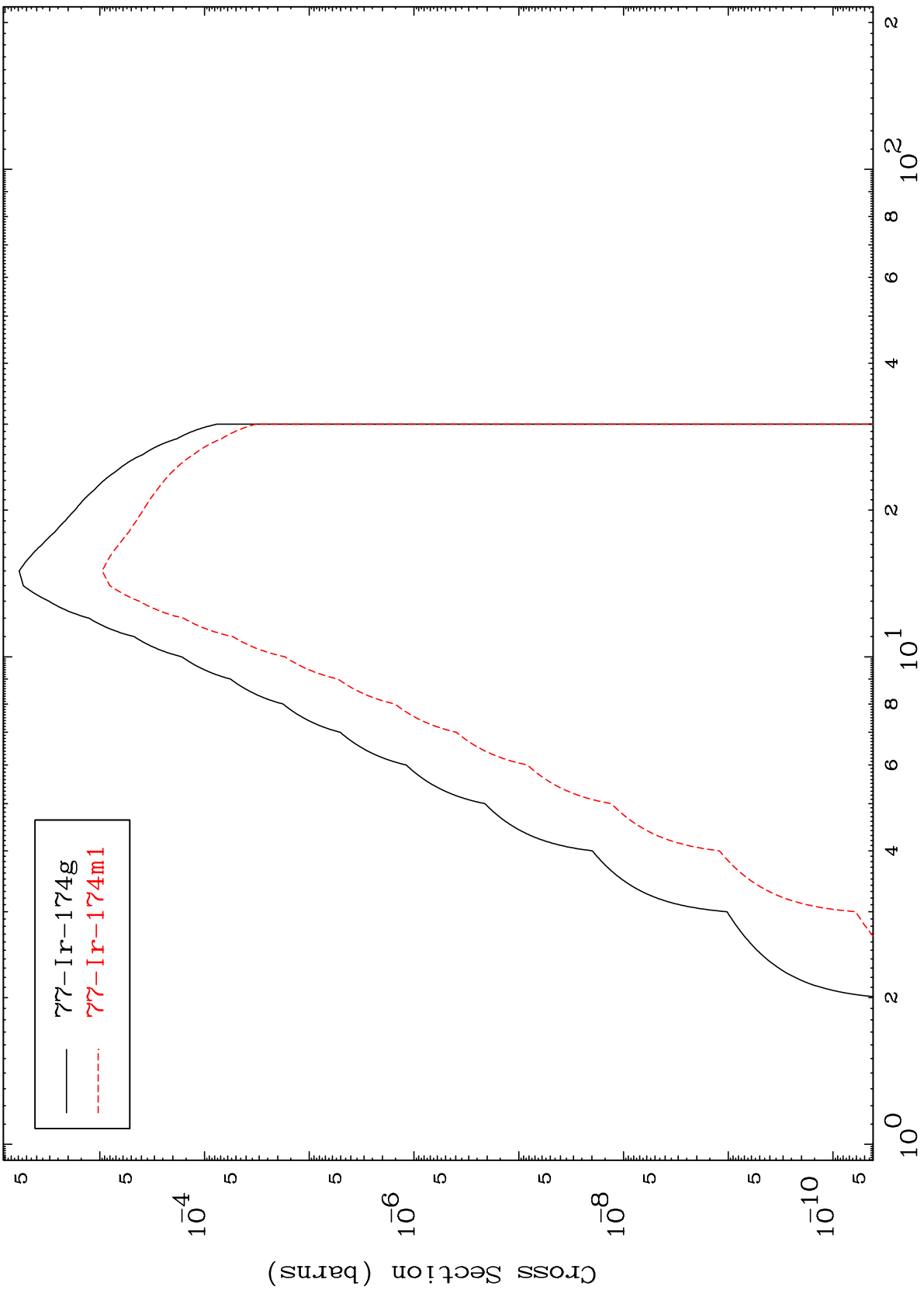


$^{79}\text{Au-178}$

MAT 7868

79-Au-178

( $\gamma, \alpha$ )  
Radionuclide Production Cross Section



79-Au-178

Incident Energy (MeV)

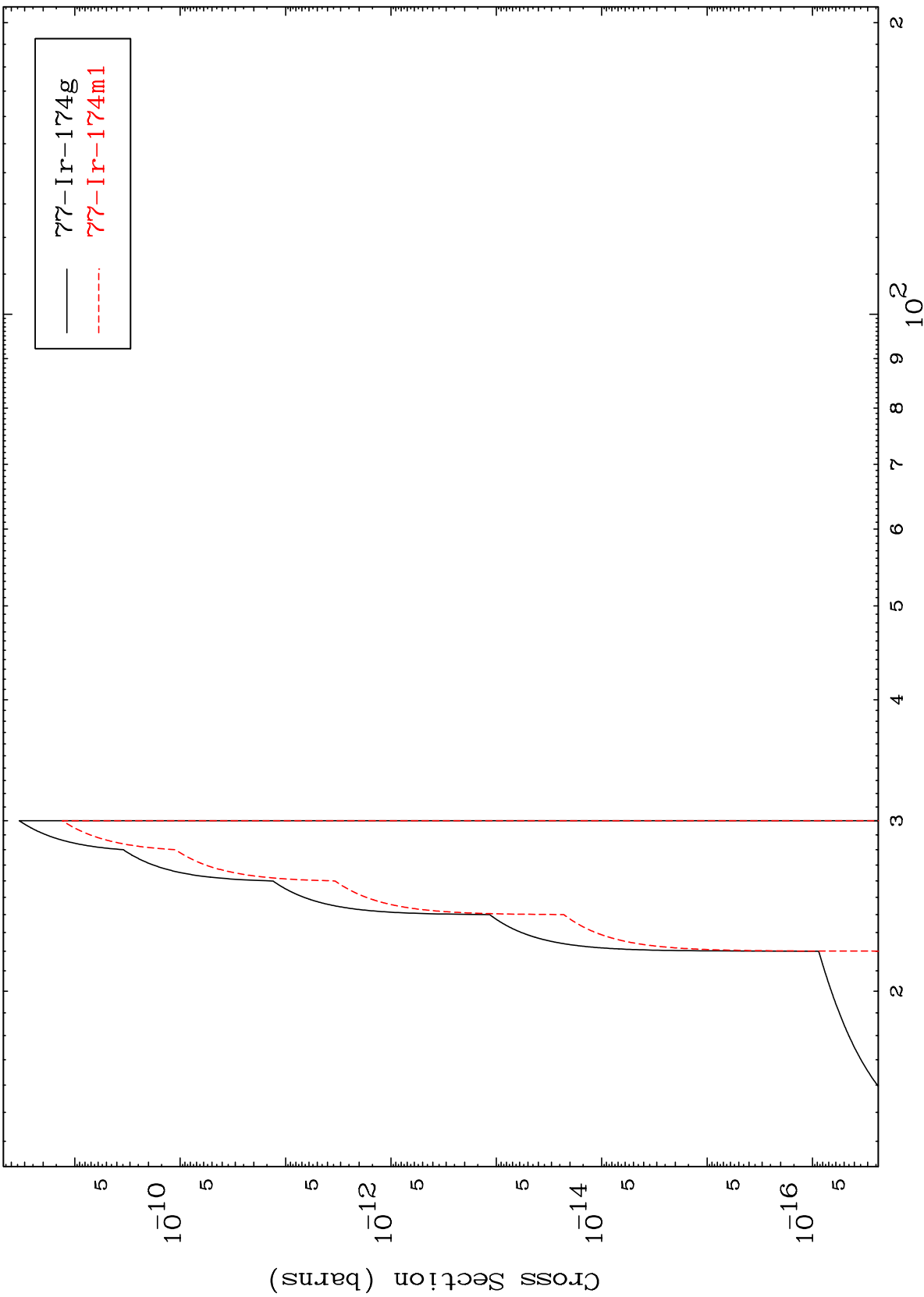
17

MAT 7868

( $\gamma, p$ ) t

79-Au-178

Radionuclide Production Cross Section



18

Incident Energy (MeV)

79-Au-178