

Program EVALPLOT  
(Version 2017-1)

by

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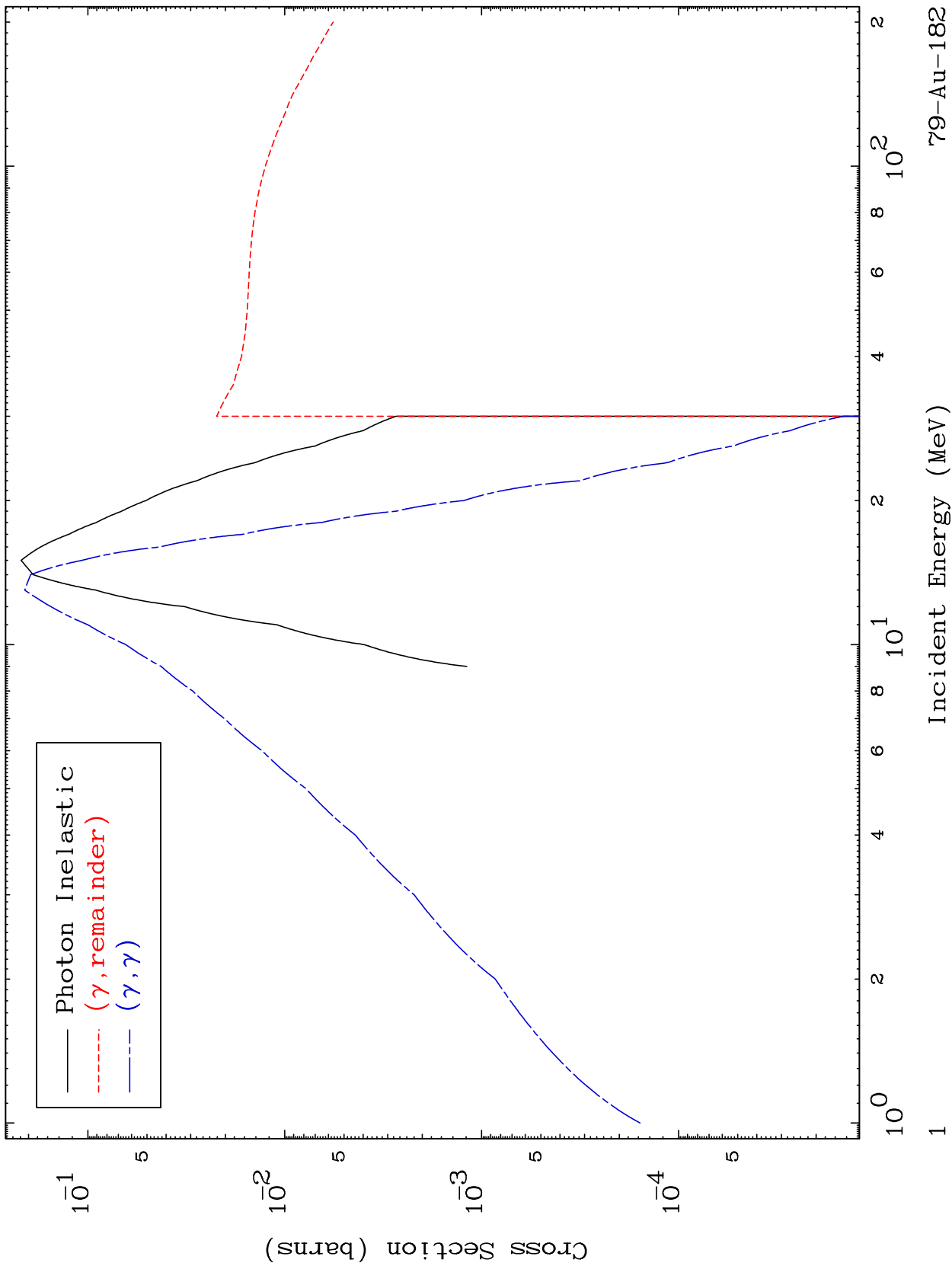
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 7880

Photon Major  
0 Kelvin Cross Sections

79-Au-182



Legend:  
— Photon Inelastic  
- - -  $(\gamma, \text{remainder})$   
- . -  $(\gamma, \gamma)$

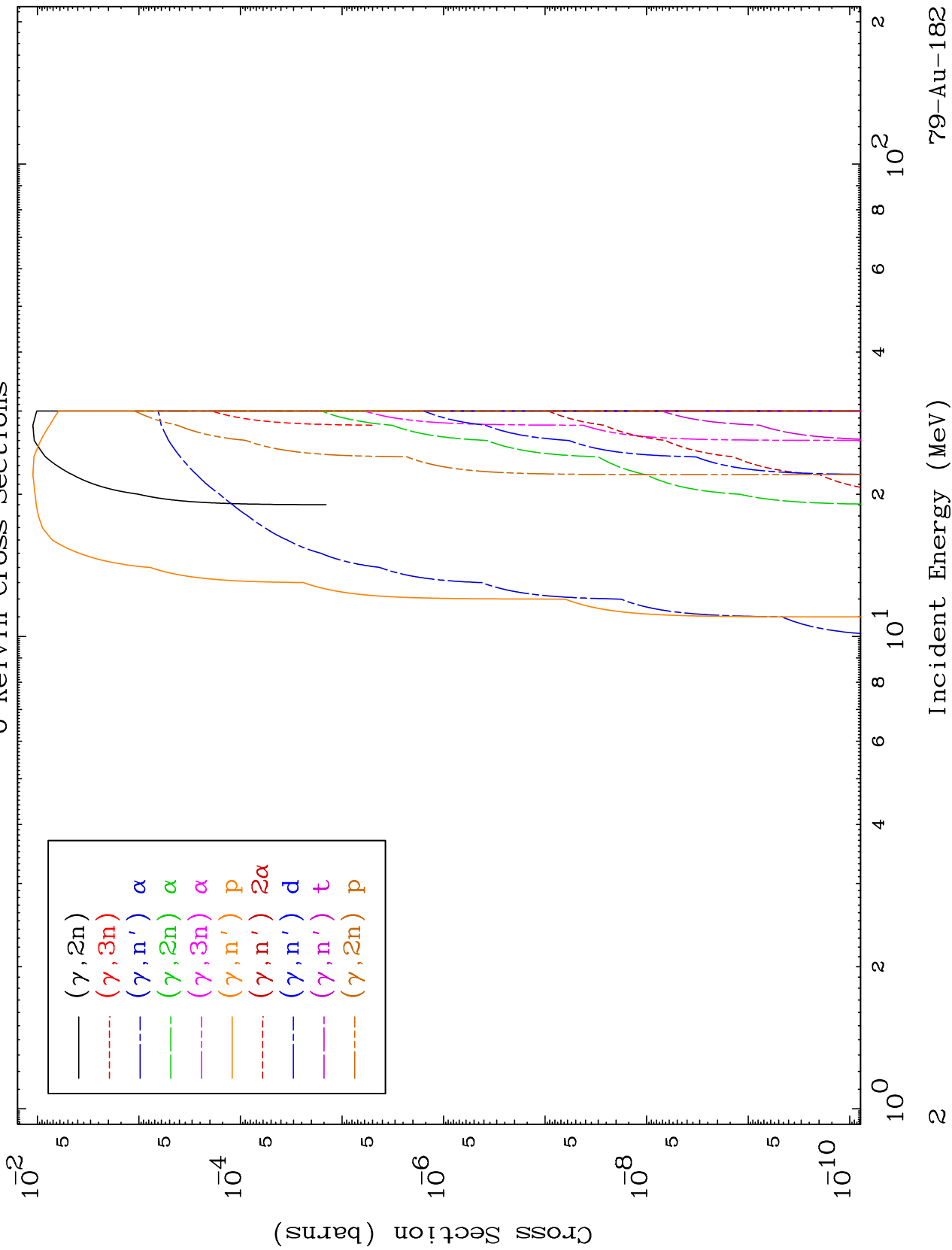
79-Au-182

Incident Energy (MeV)

MAT 7880

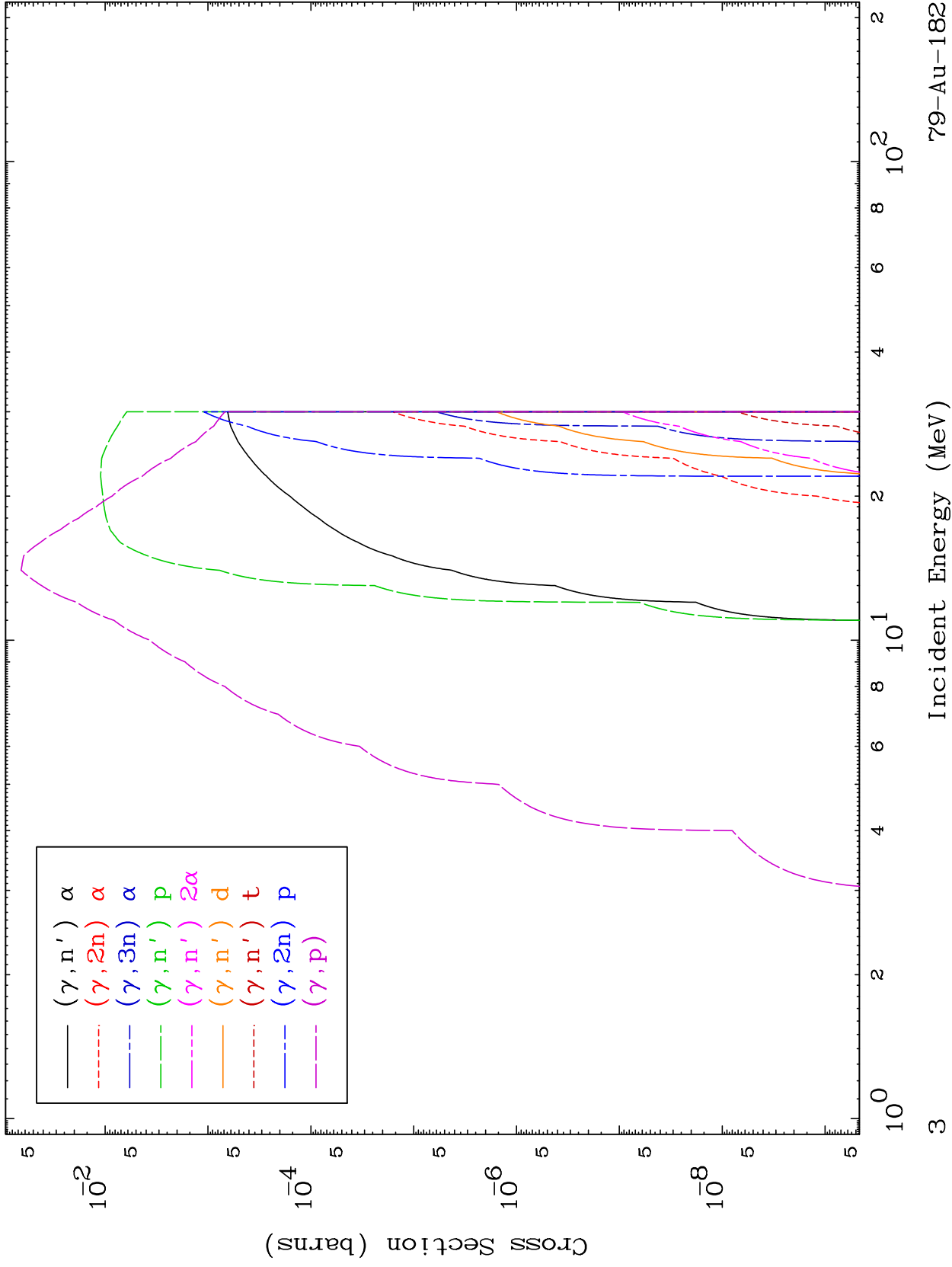
Photon Neutron Production  
0 Kelvin Cross Sections

79-Au-182



Incident Energy (MeV)

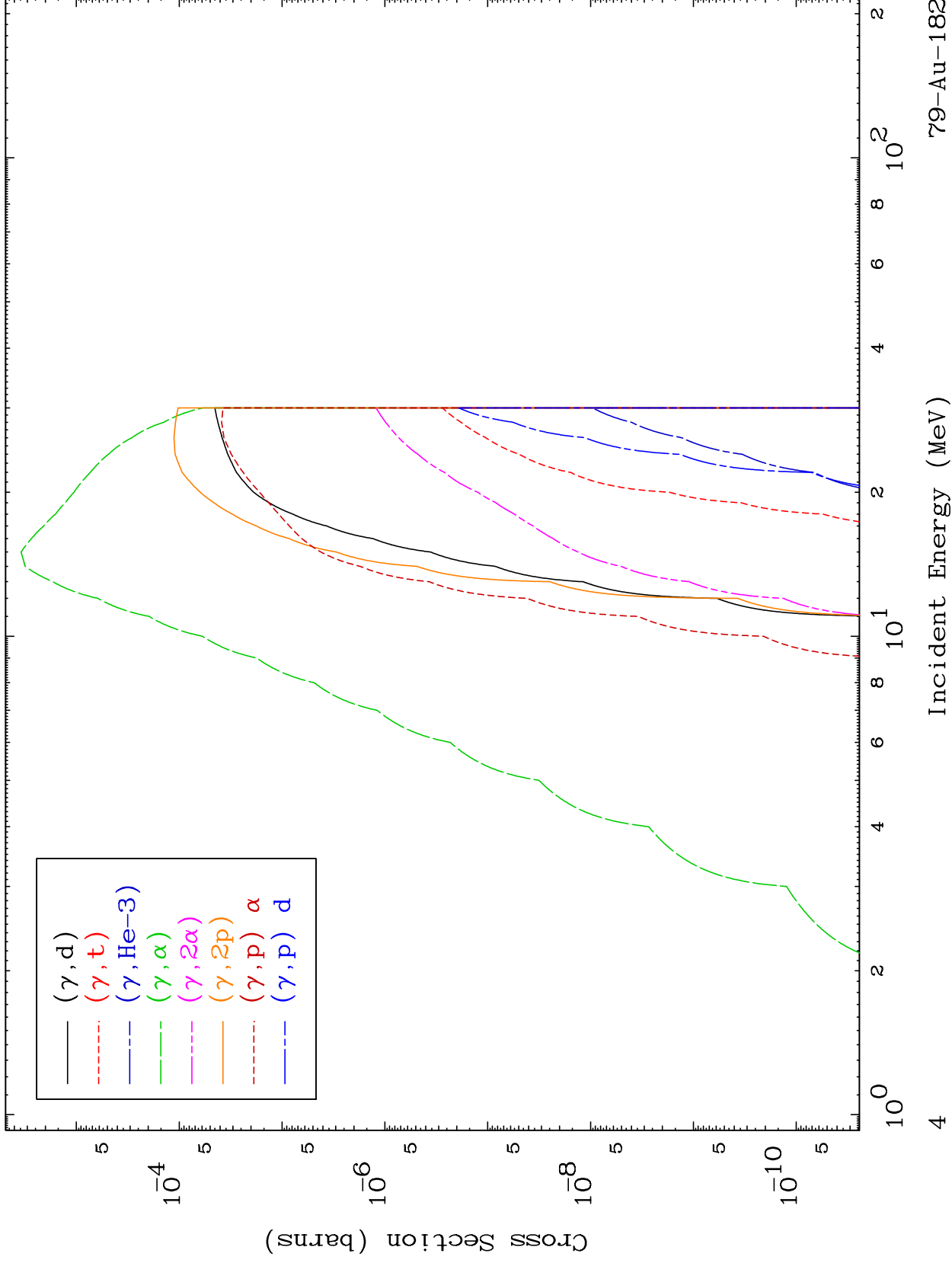
79-Au-182



MAT 7880

Photon Charged Particle  
0 Kelvin Cross Sections

79-Au-182



79-Au-182

Incident Energy (MeV)

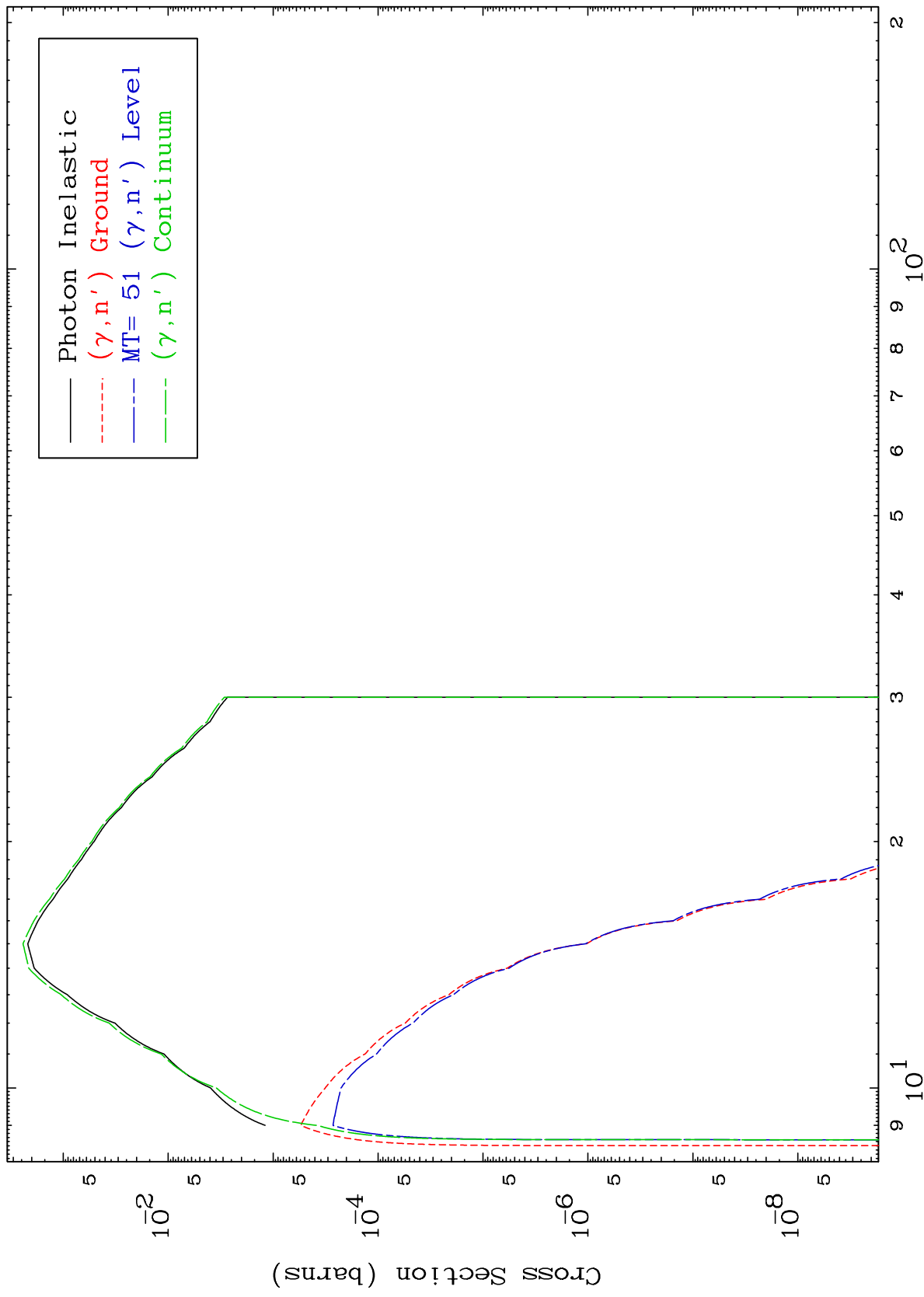
4

MAT 7880

( $\gamma, n'$ ) Level

79-Au-182

0 Kelvin Cross Sections



Incident Energy (MeV)

79-Au-182

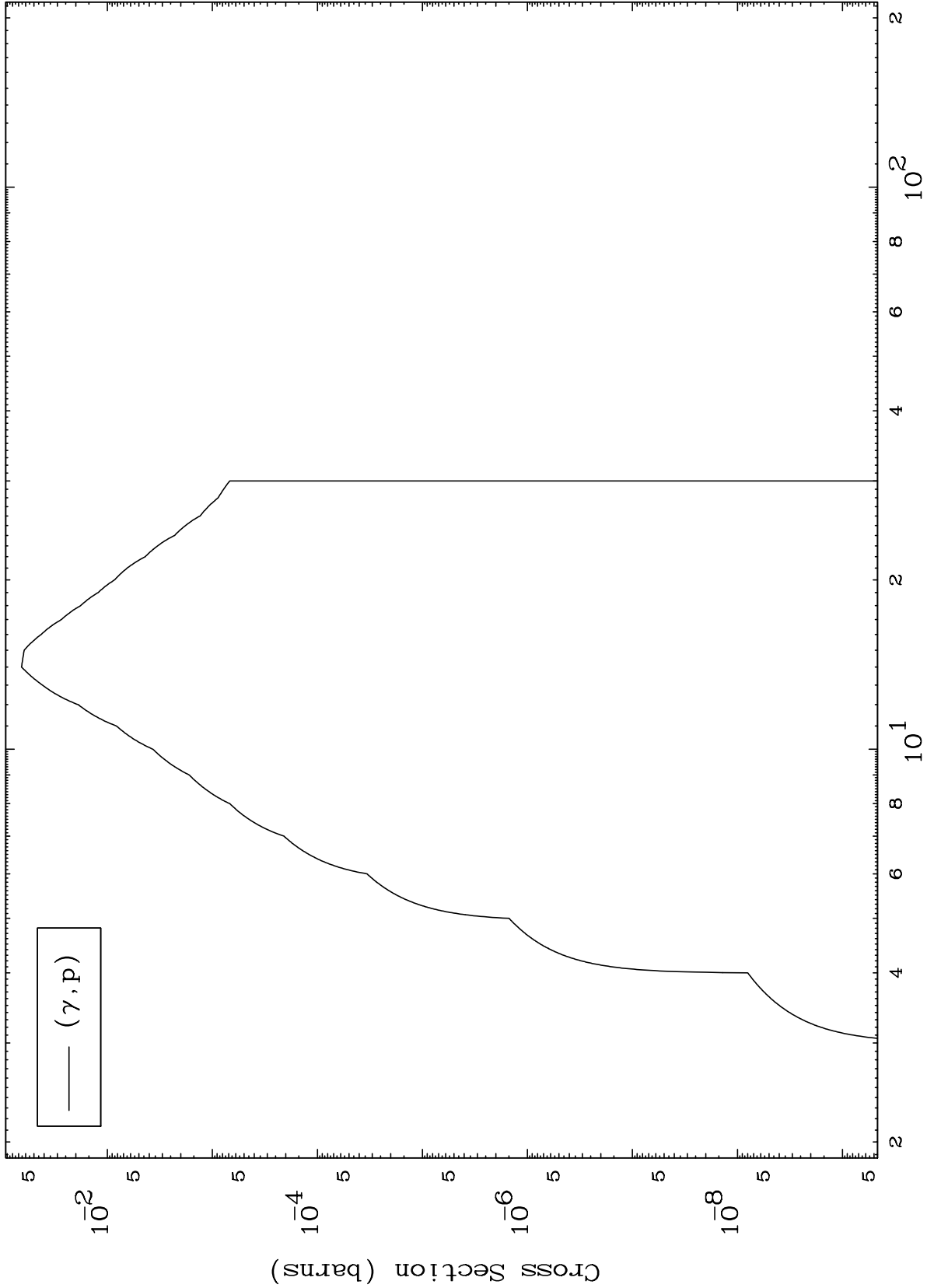
5

MAT 7880

( $\gamma, p$ ) Levels

79-Au-182

0 Kelvin Cross Sections



6

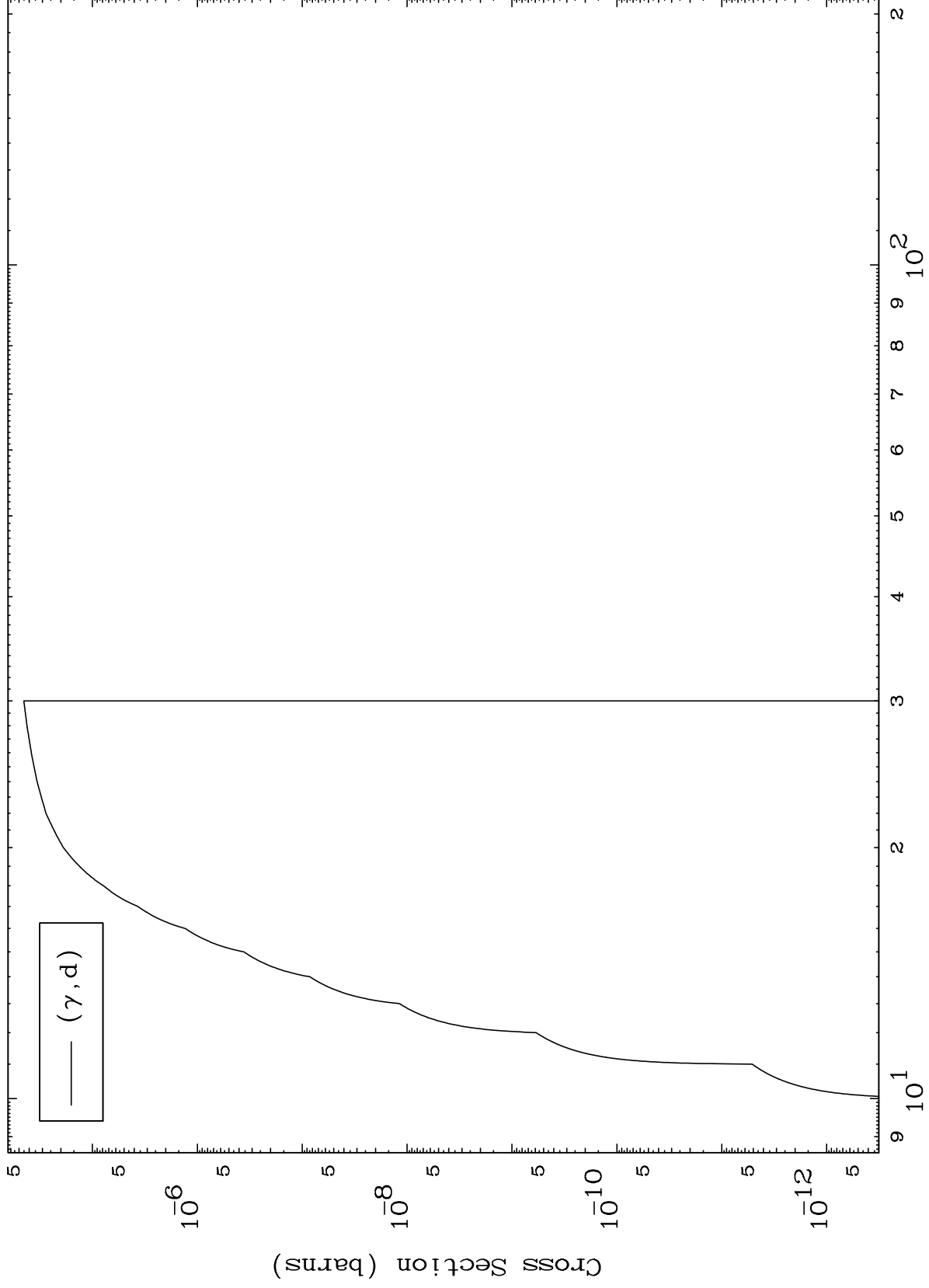
Incident Energy (MeV)

79-Au-182

MAT 7880

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

79-Au-182



Incident Energy (MeV)

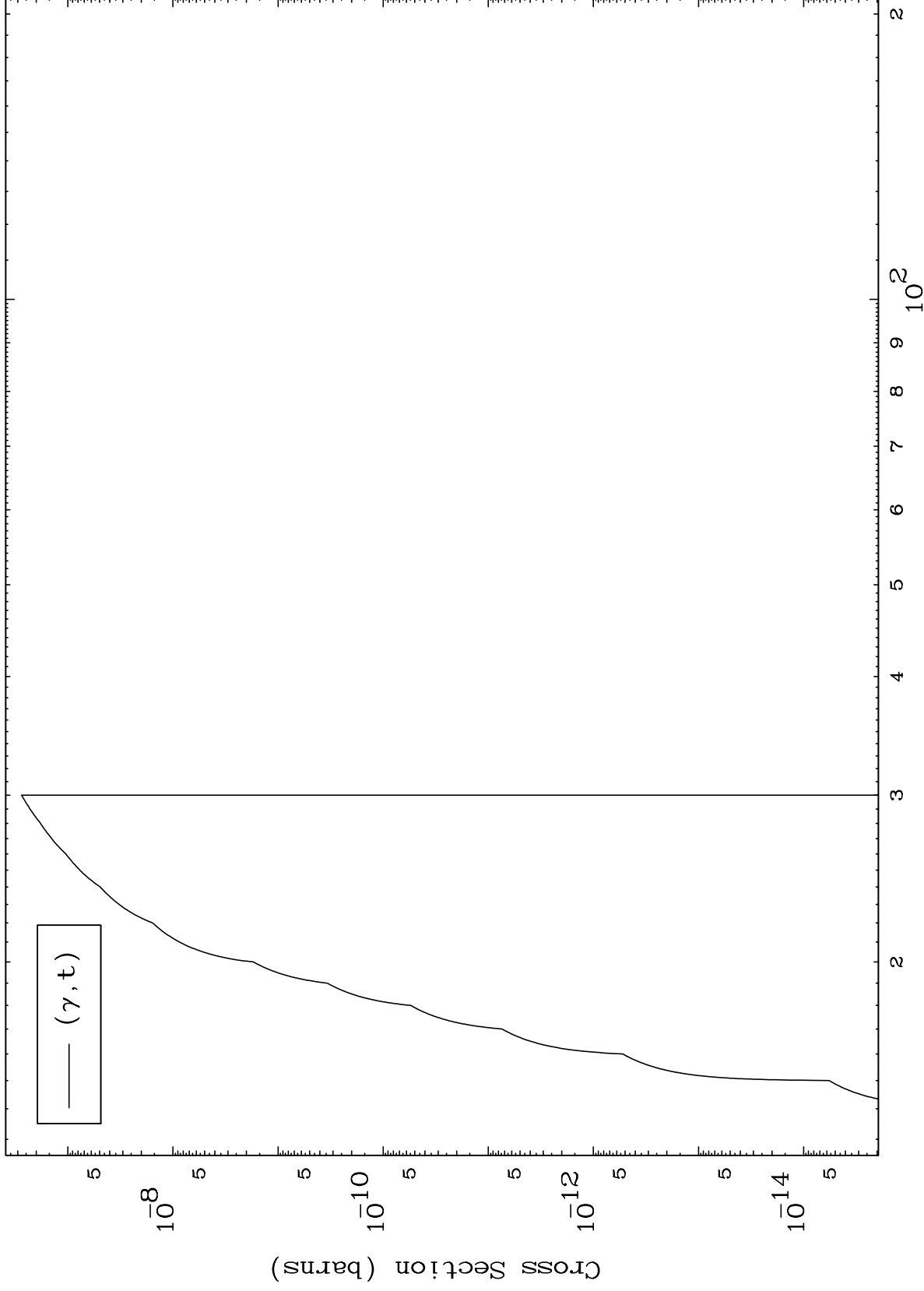
79-Au-182



MAT 7880

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

79-Au-182



8

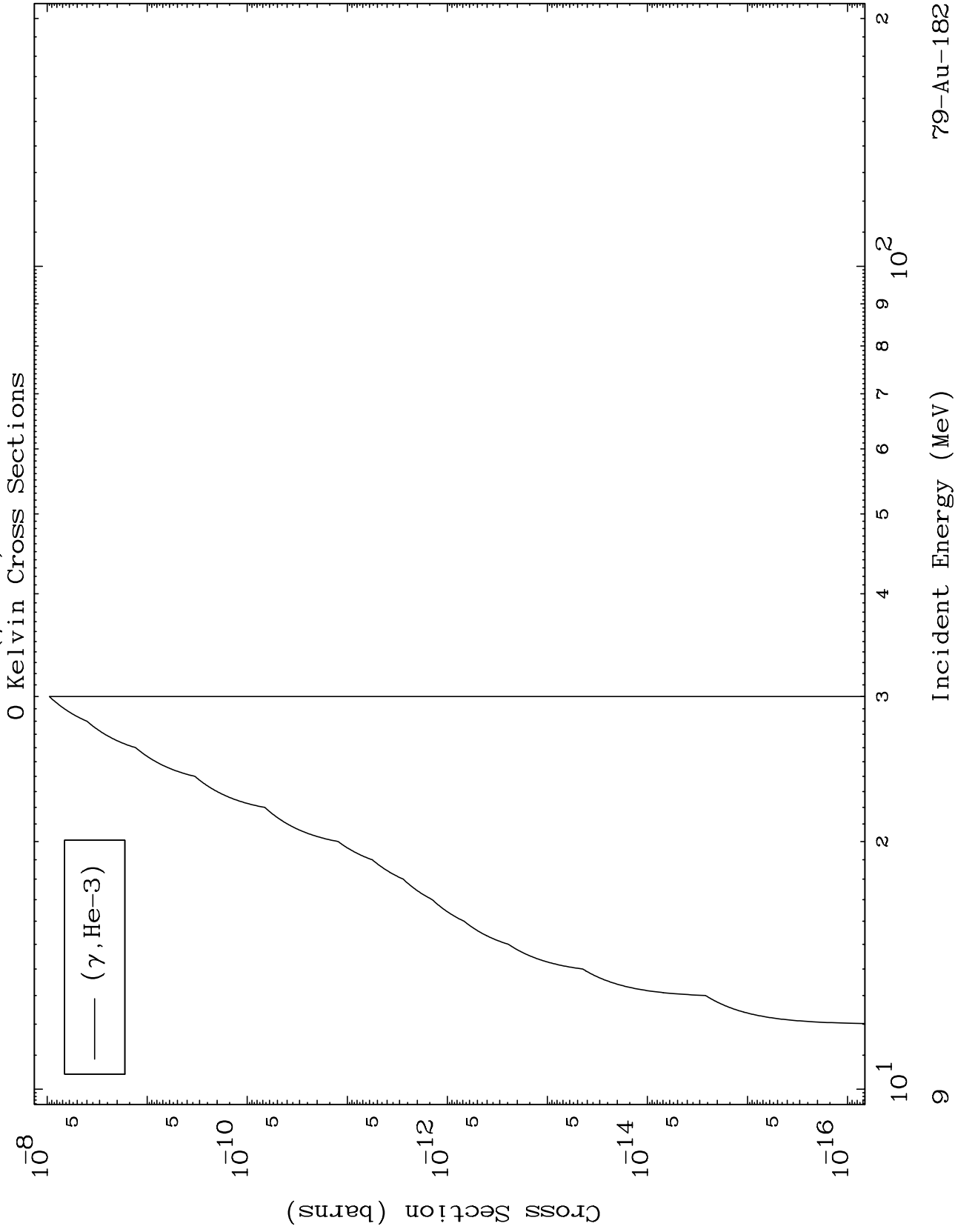
Incident Energy (MeV)

79-Au-182

MAT 7880

( $\gamma, \text{He}3$ ) Levels

79-Au-182

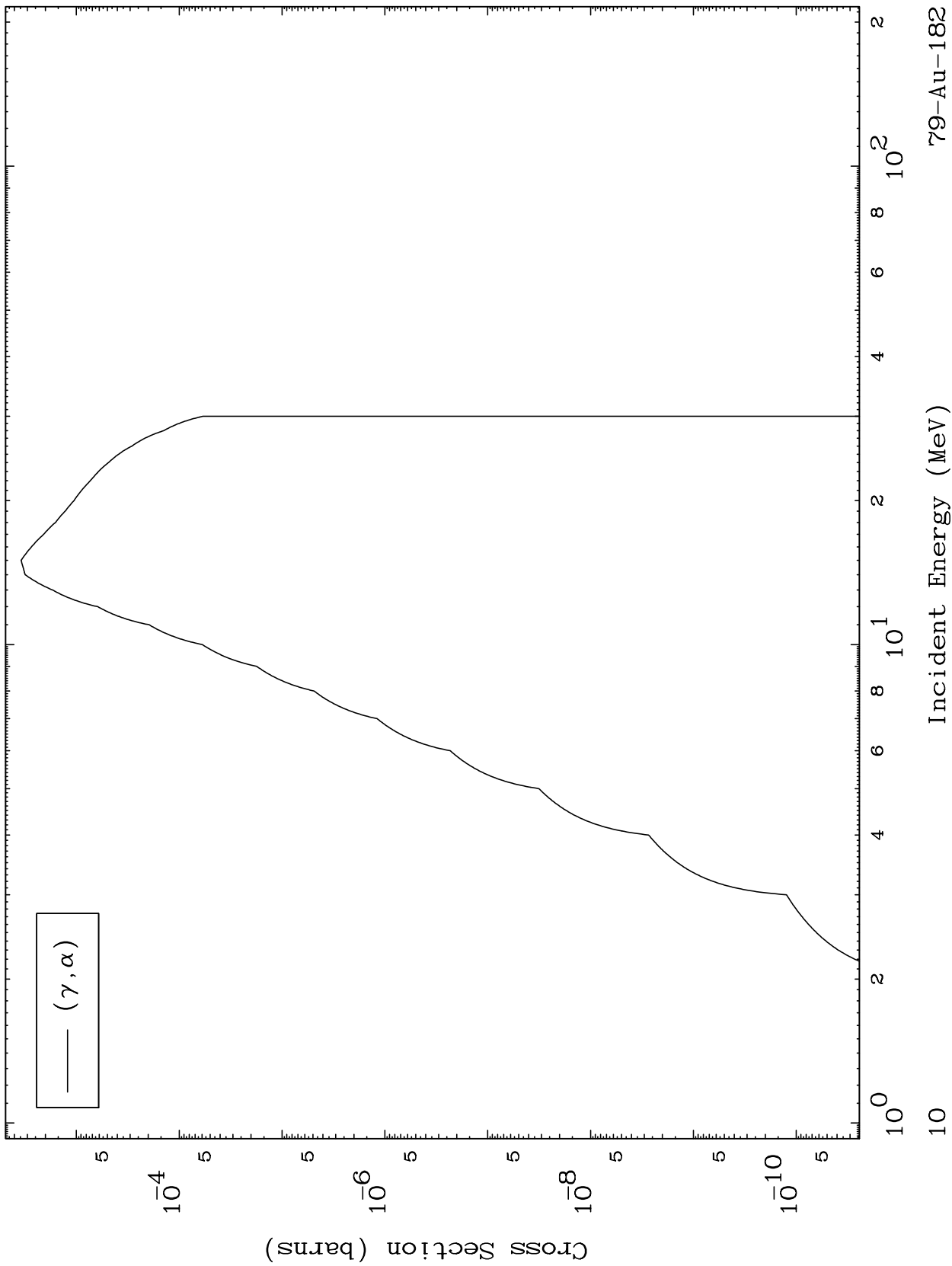


MAT 7880

( $\gamma, \alpha$ ) Levels

79-Au-182

0 Kelvin Cross Sections



Incident Energy (MeV)

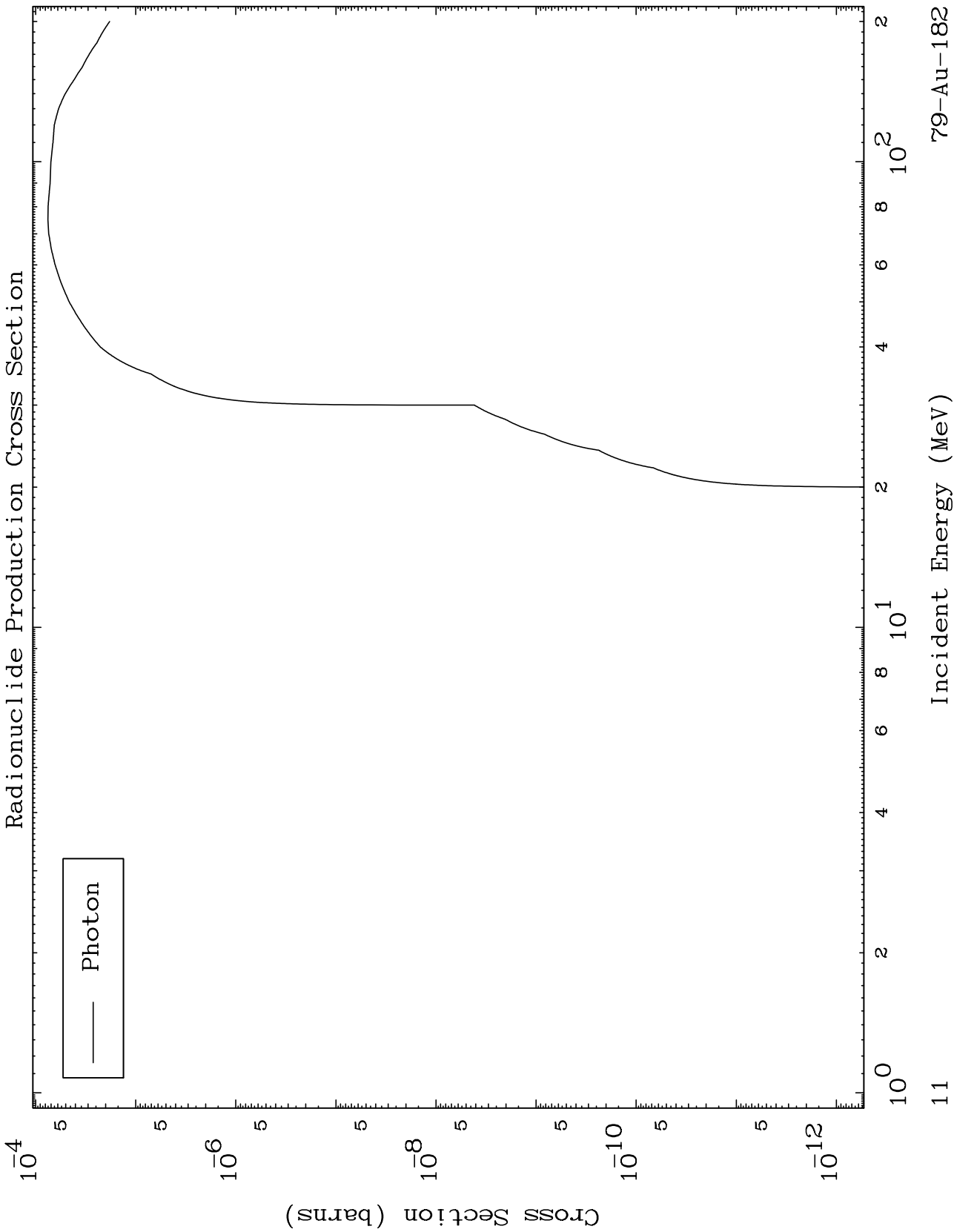
79-Au-182

MAT 7880

Photon Fission

79-Au-182

Radionuclide Production Cross Section



11

Incident Energy (MeV)

79-Au-182