

Program EVALPLOT  
(Version 2017-1)

by

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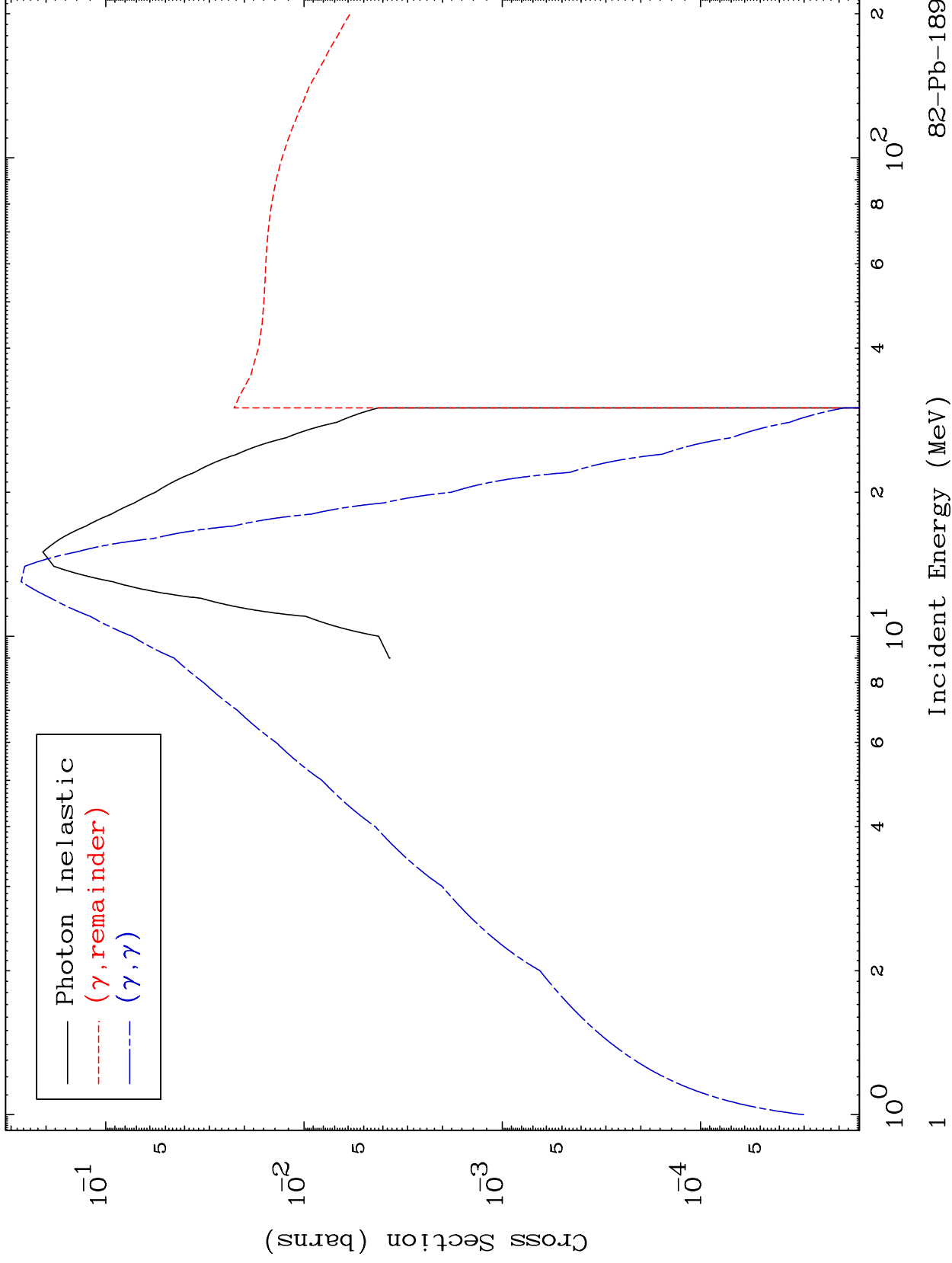
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8180

Photon Major  
0 Kelvin Cross Sections

82-Pb-189

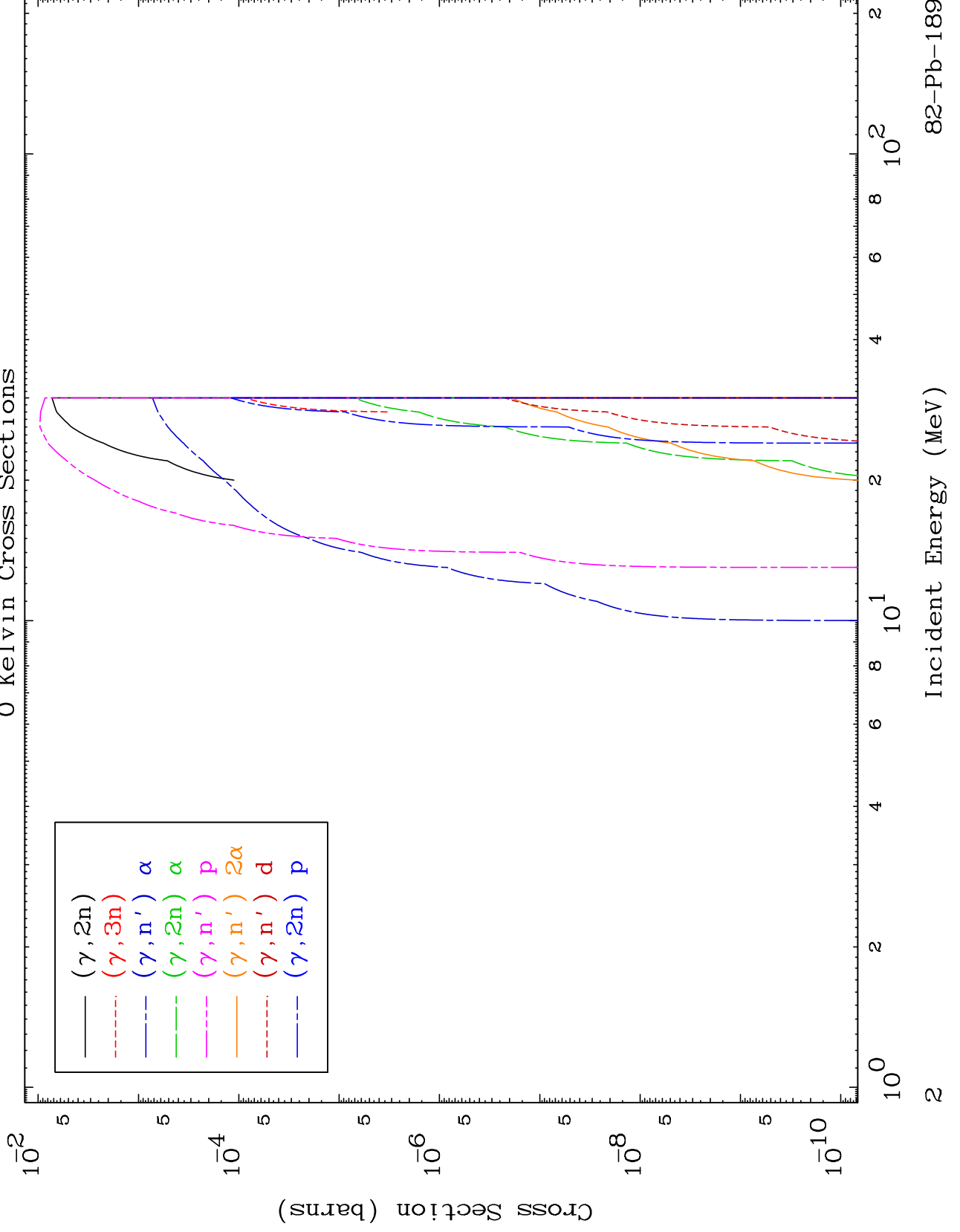


82-Pb-189

MAT 8180

Photon Neutron Production  
0 Kelvin Cross Sections

82-Pb-189



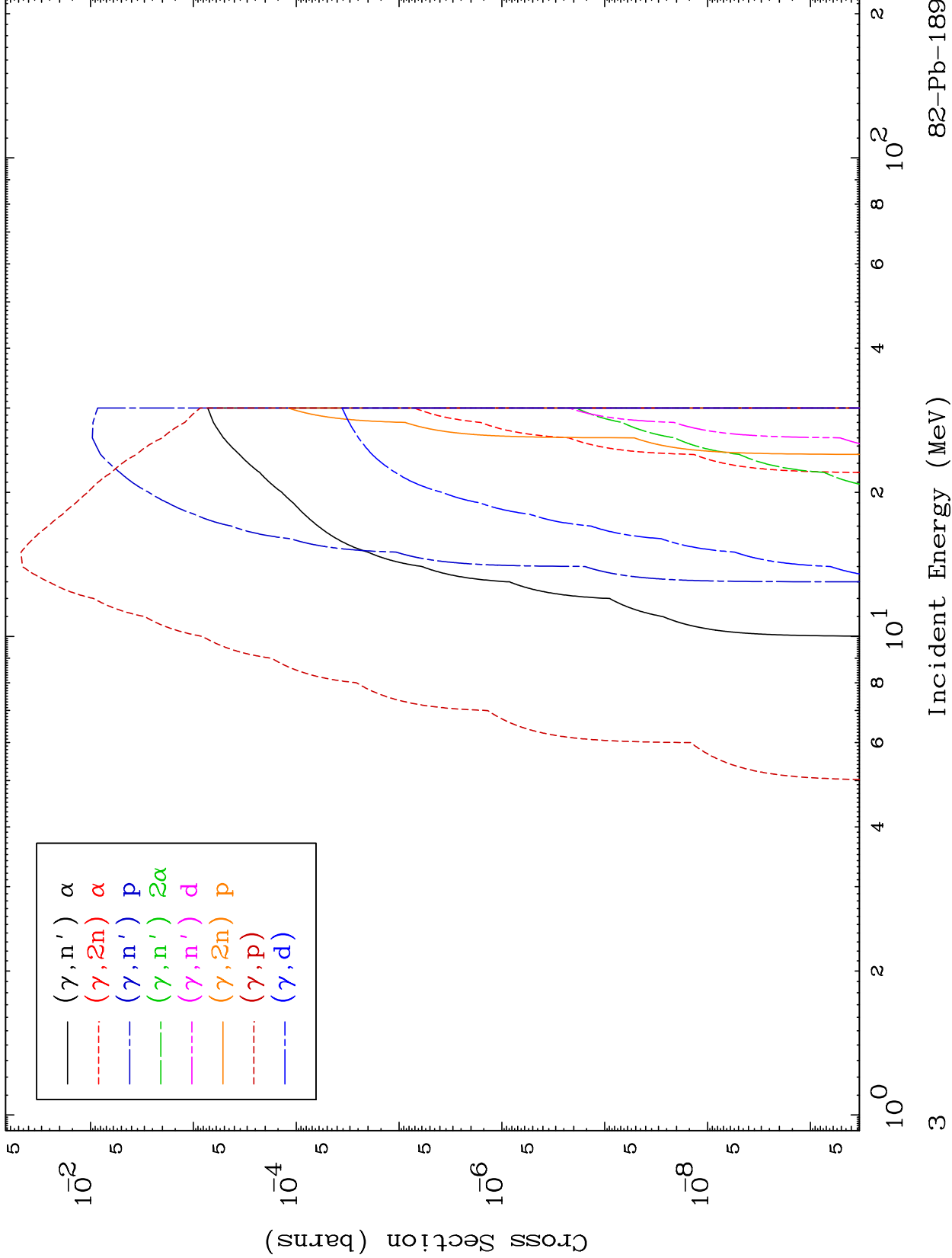
82-Pb-189

Incident Energy (MeV)

MAT 8180

Photon Charged Particle  
0 Kelvin Cross Sections

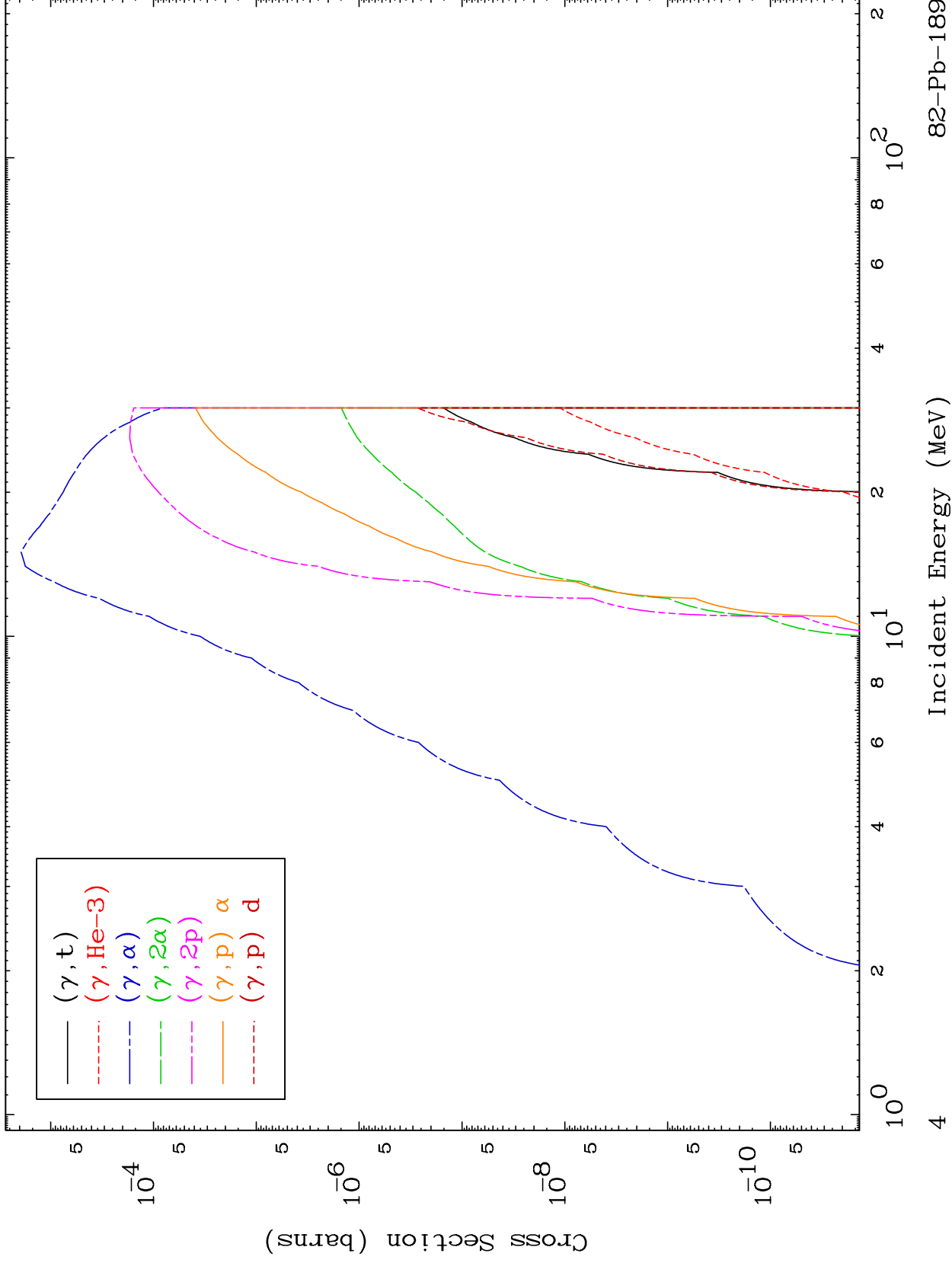
82-Pb-189



MAT 8180

Photon Charged Particle  
0 Kelvin Cross Sections

82-Pb-189



Incident Energy (MeV)

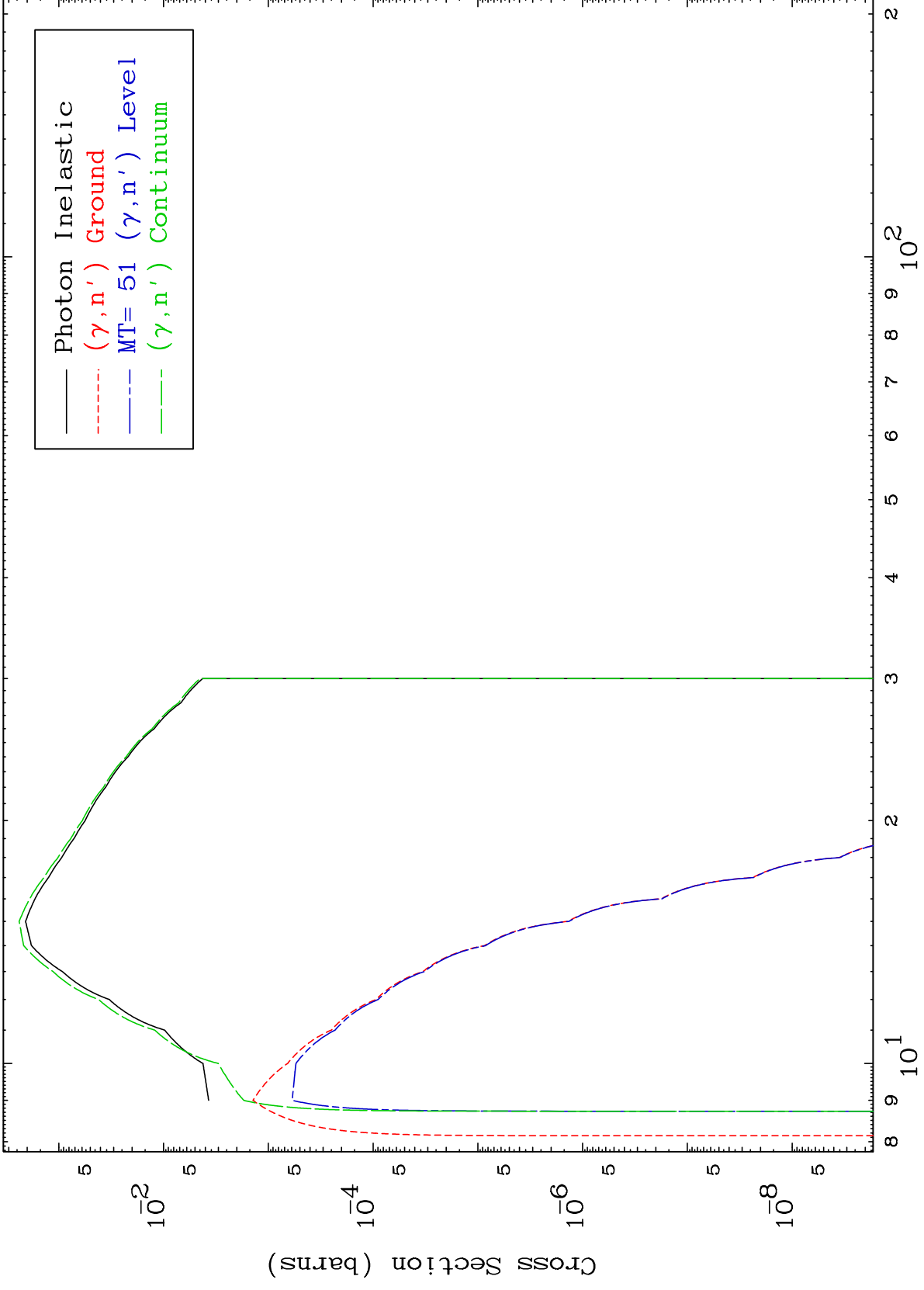
82-Pb-189

MAT 8180

$(\gamma, n')$  Level

82-Pb-189

0 Kelvin Cross Sections



Incident Energy (MeV)

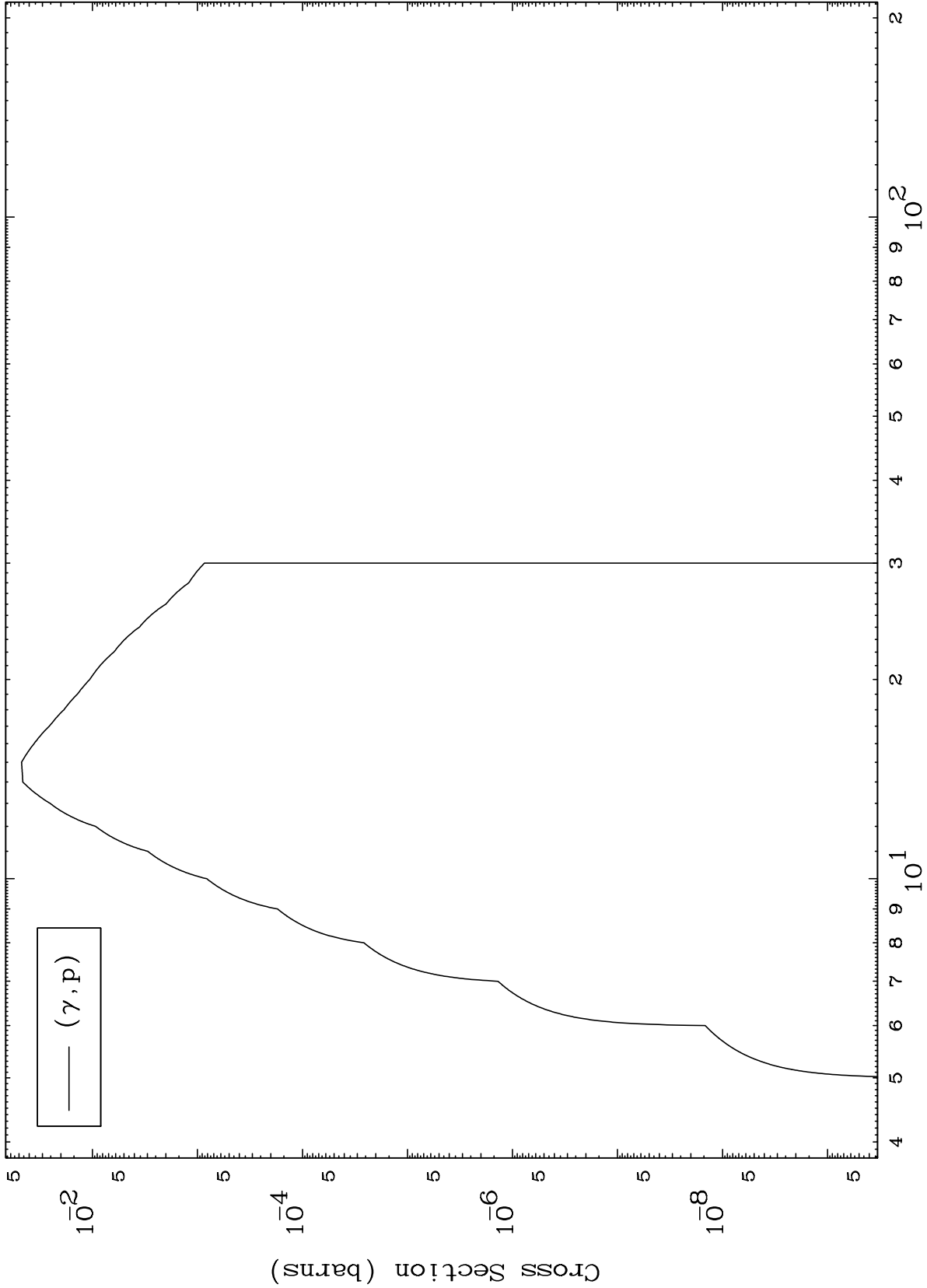
82-Pb-189

MAT 8180

( $\gamma, p$ ) Levels

82-Pb-189

0 Kelvin Cross Sections



Incident Energy (MeV)

82-Pb-189

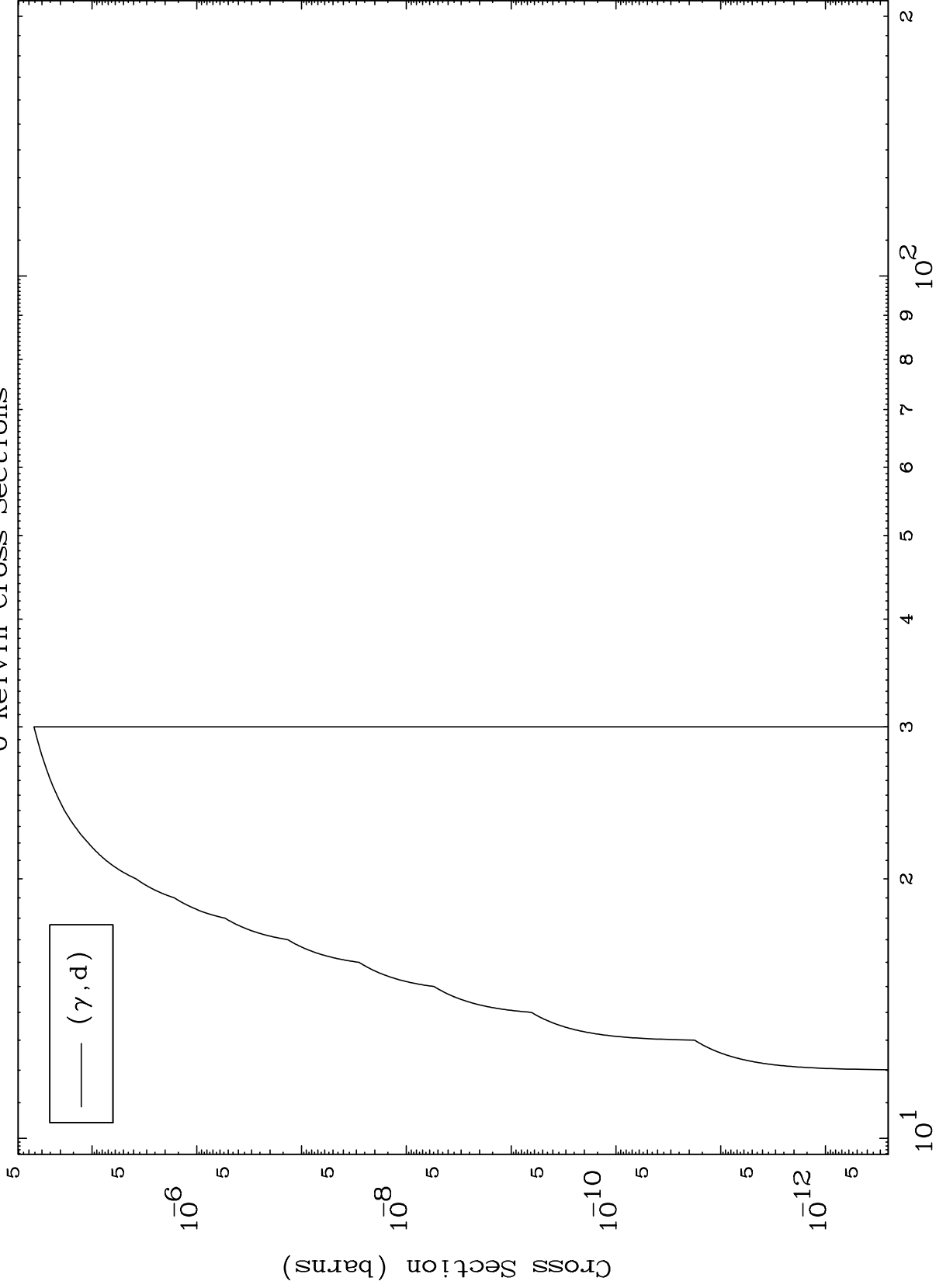
6

MAT 8180

( $\gamma, d$ ) Levels

82-Pb-189

0 Kelvin Cross Sections

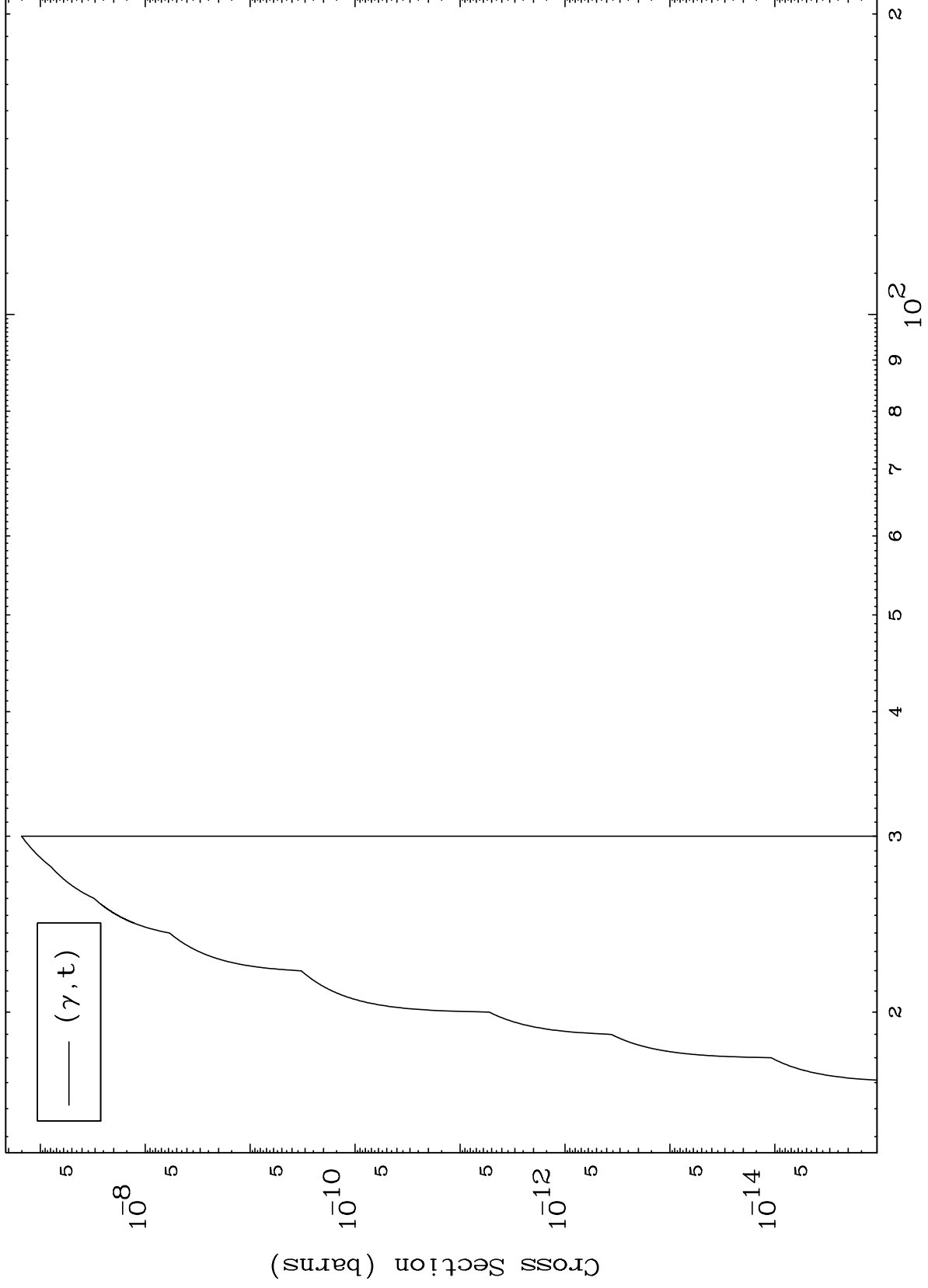


Incident Energy (MeV)

82-Pb-189



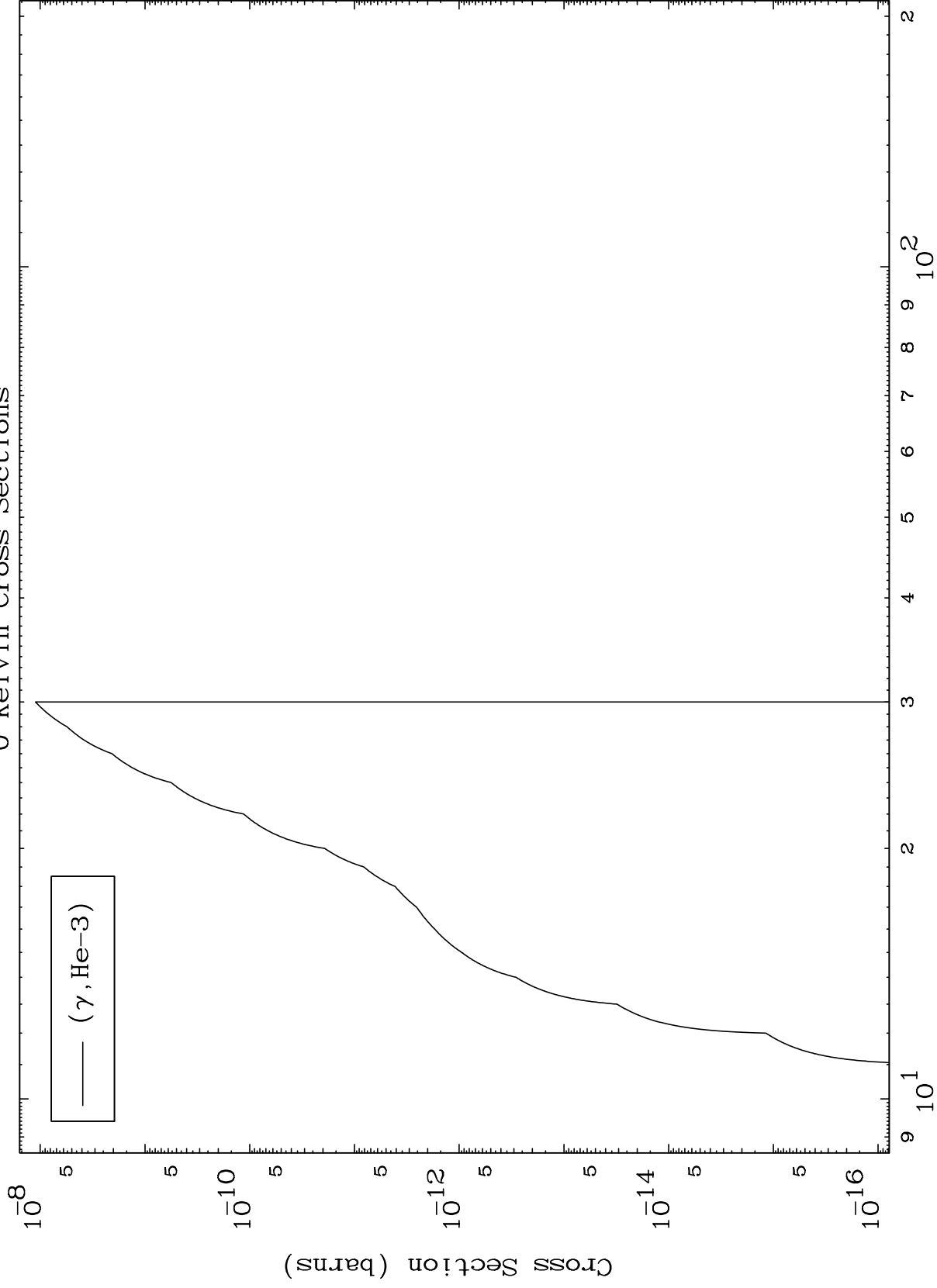
0 Kelvin Cross Sections



MAT 8180

( $\gamma, \text{He}3$ ) Levels  
0 Kelvin Cross Sections

82-Pb-189



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

9

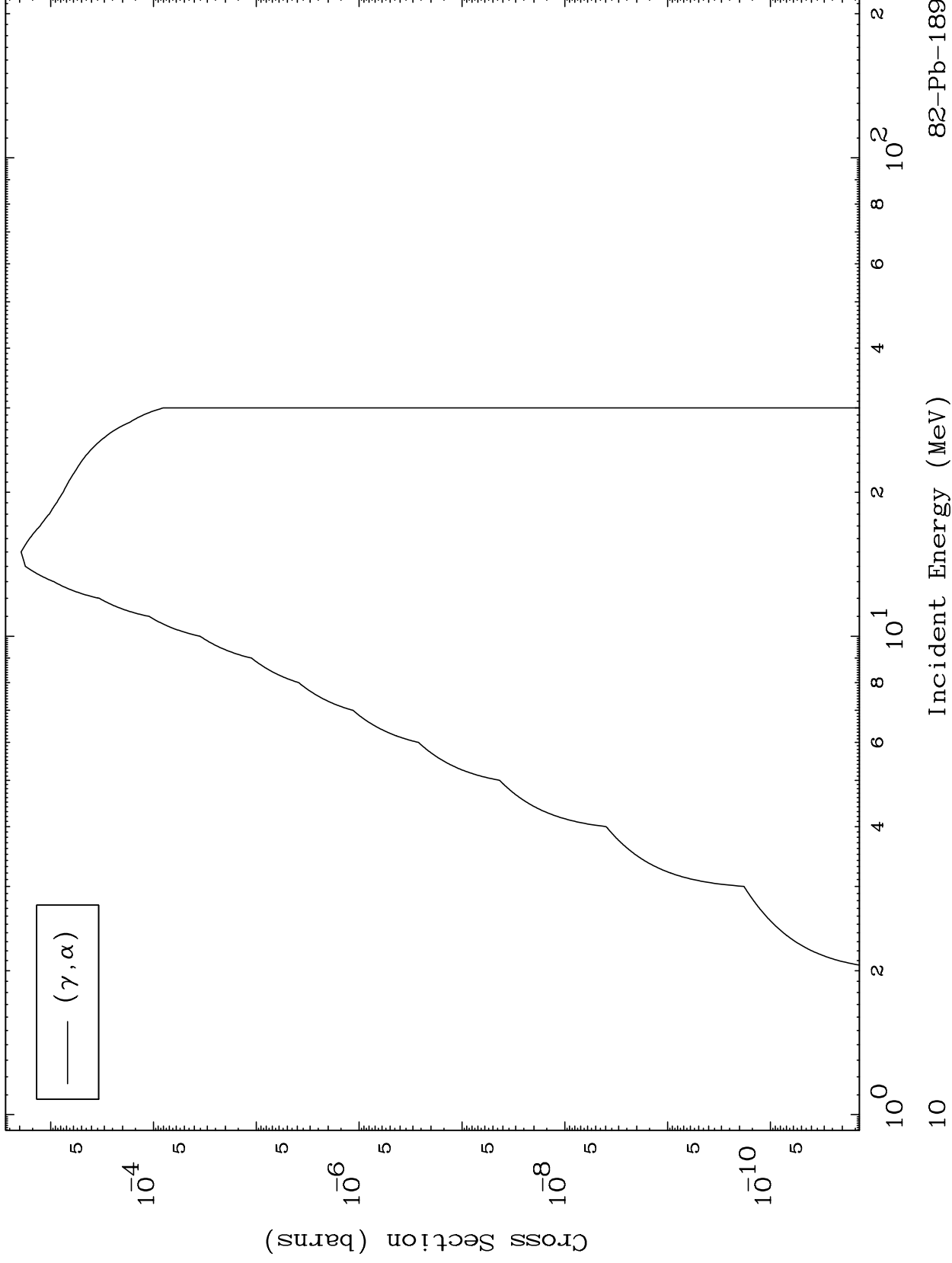
Incident Energy (MeV)

82-Pb-189

MAT 8180

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

82-Pb-189

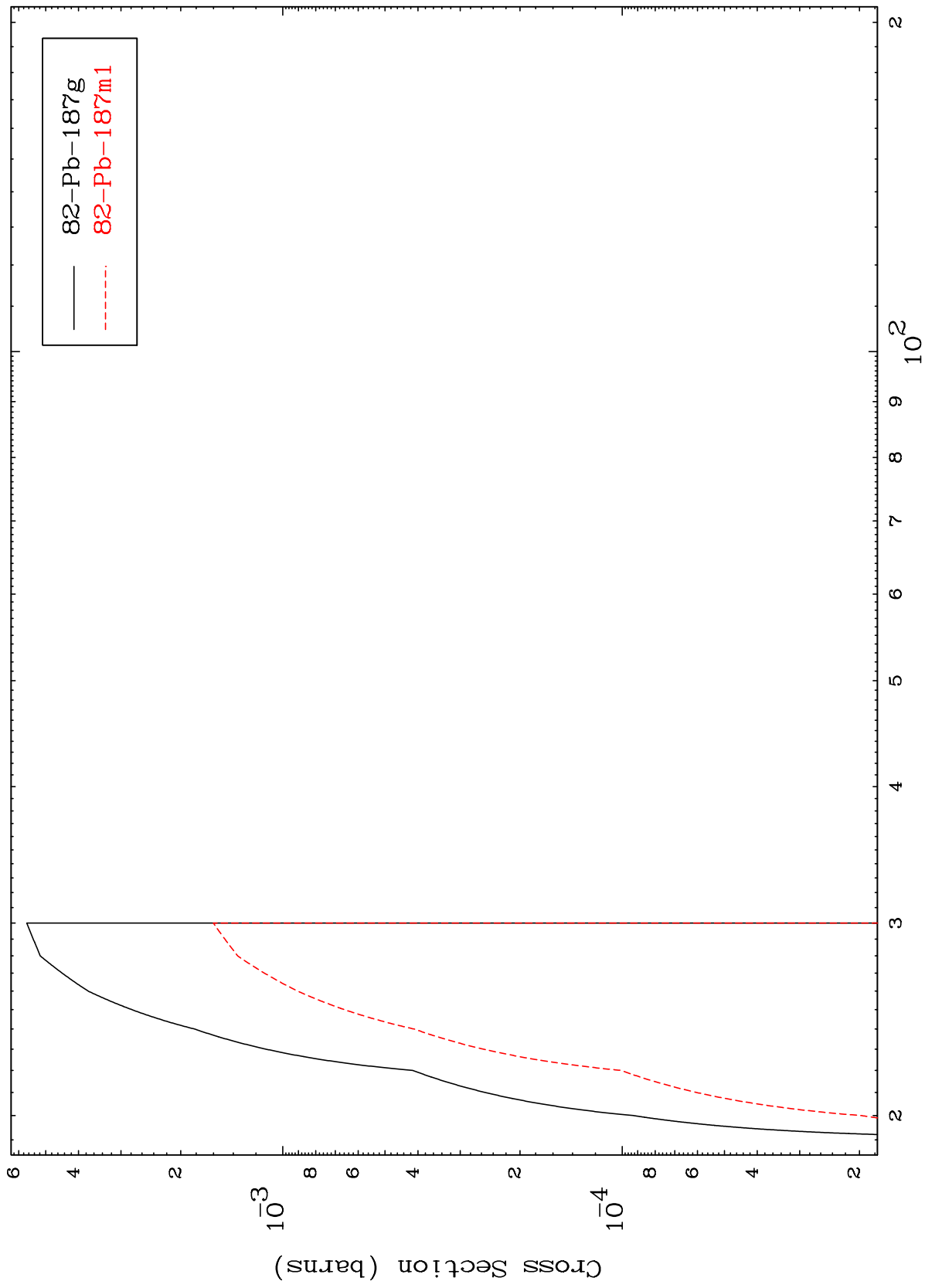


82-Pb-189

MAT 8180

82-Pb-189

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



11

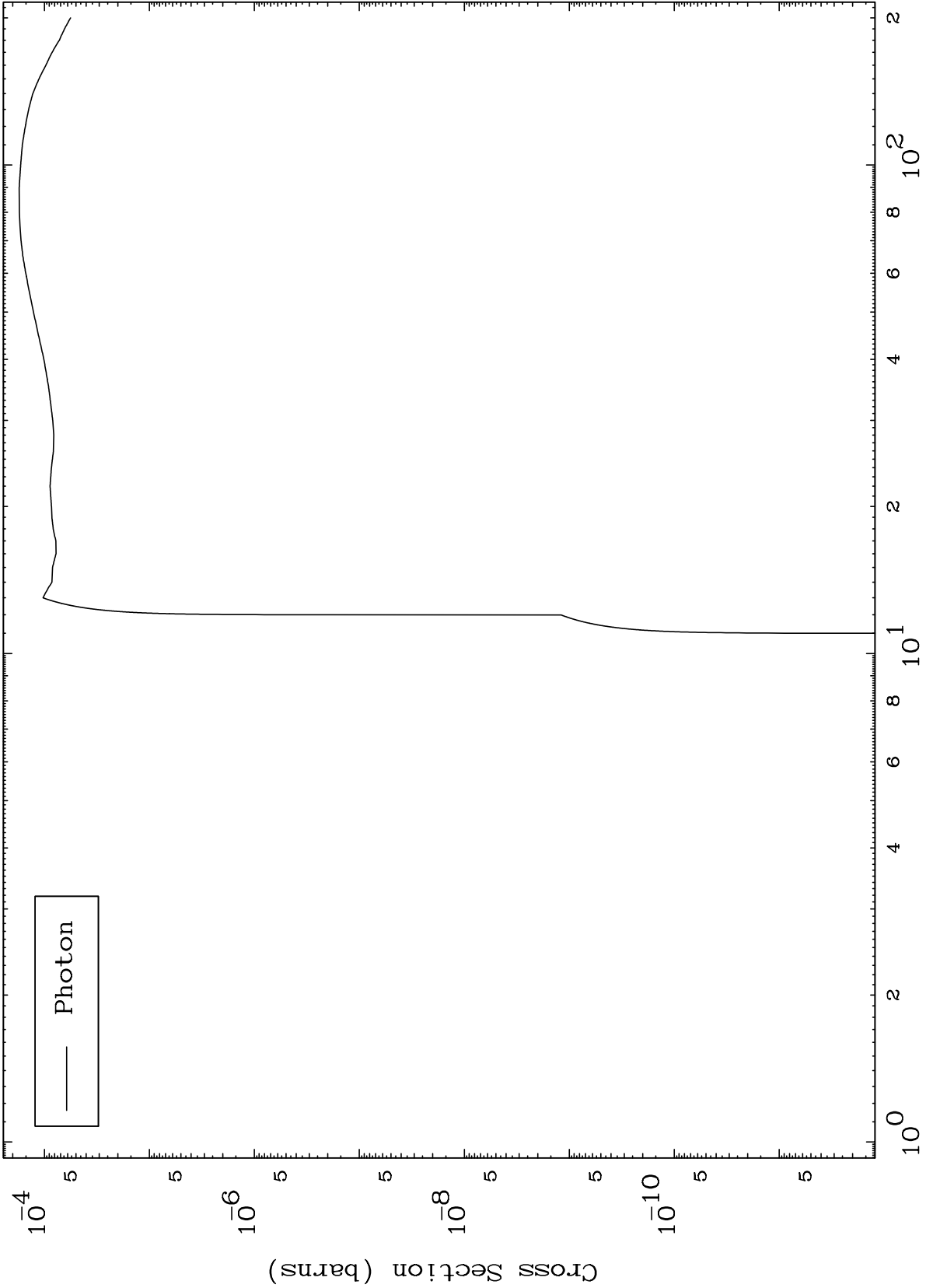
82-Pb-189

Incident Energy (MeV)

MAT 8180

82-Pb-189

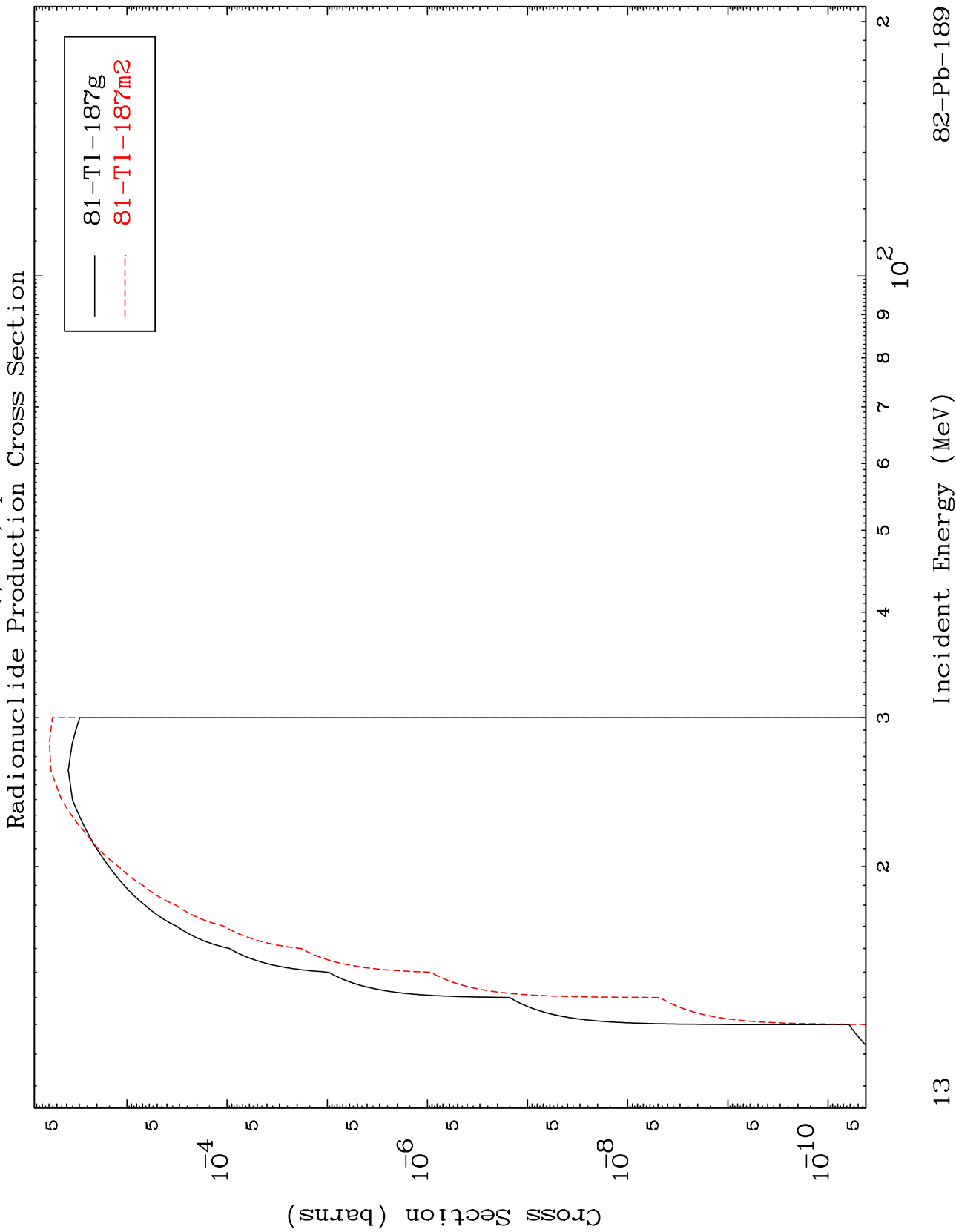
Photon Fission  
Radionuclide Production Cross Section



Incident Energy (MeV)

82-Pb-189

12

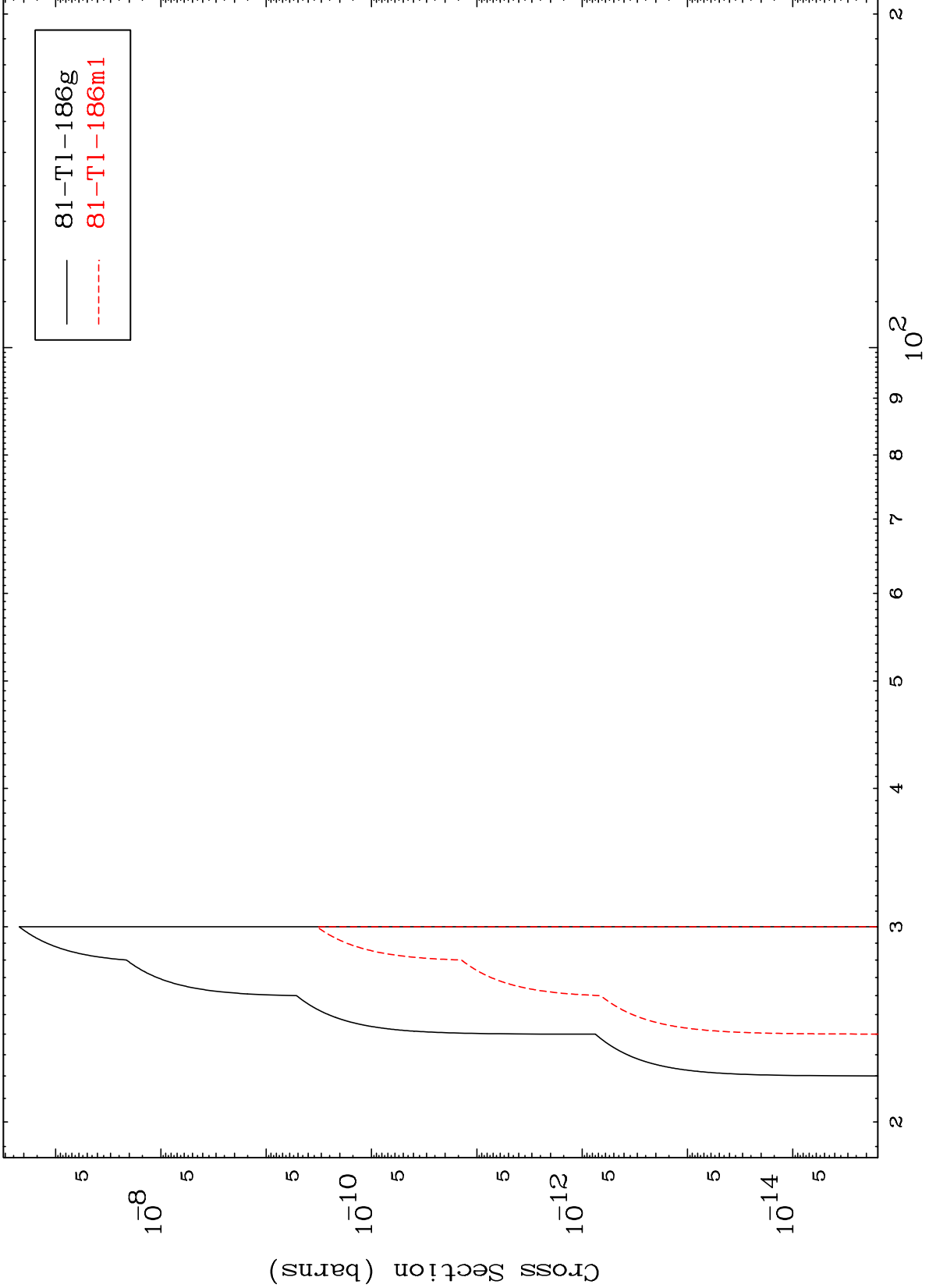


MAT 8180

( $\gamma, n'$ ) d

82-Pb-189

Radionuclide Production Cross Section



14

Incident Energy (MeV)

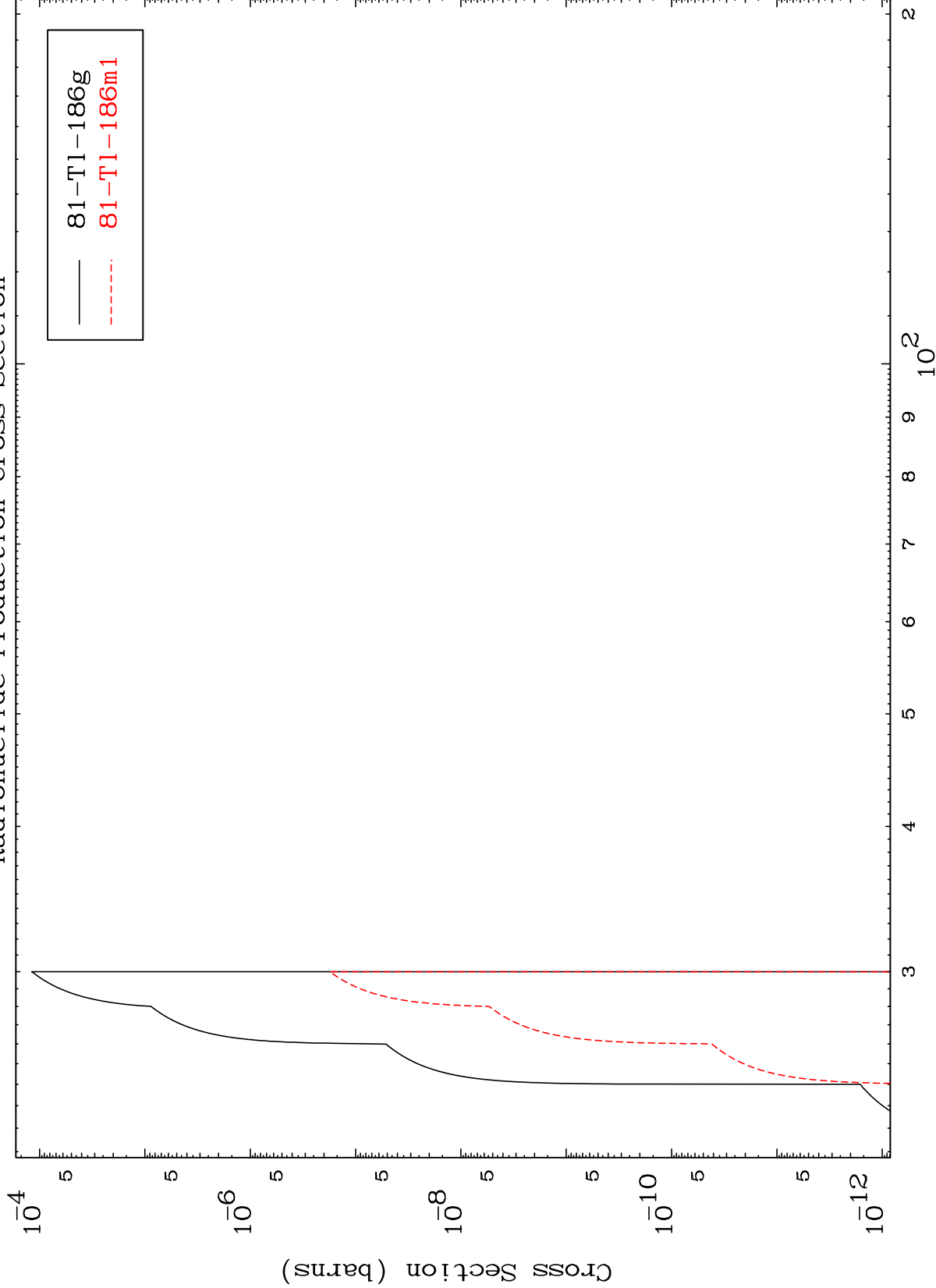
82-Pb-189

MAT 8180

$(\gamma, 2n)$  p

82-Pb-189

Radionuclide Production Cross Section



15

Incident Energy (MeV)

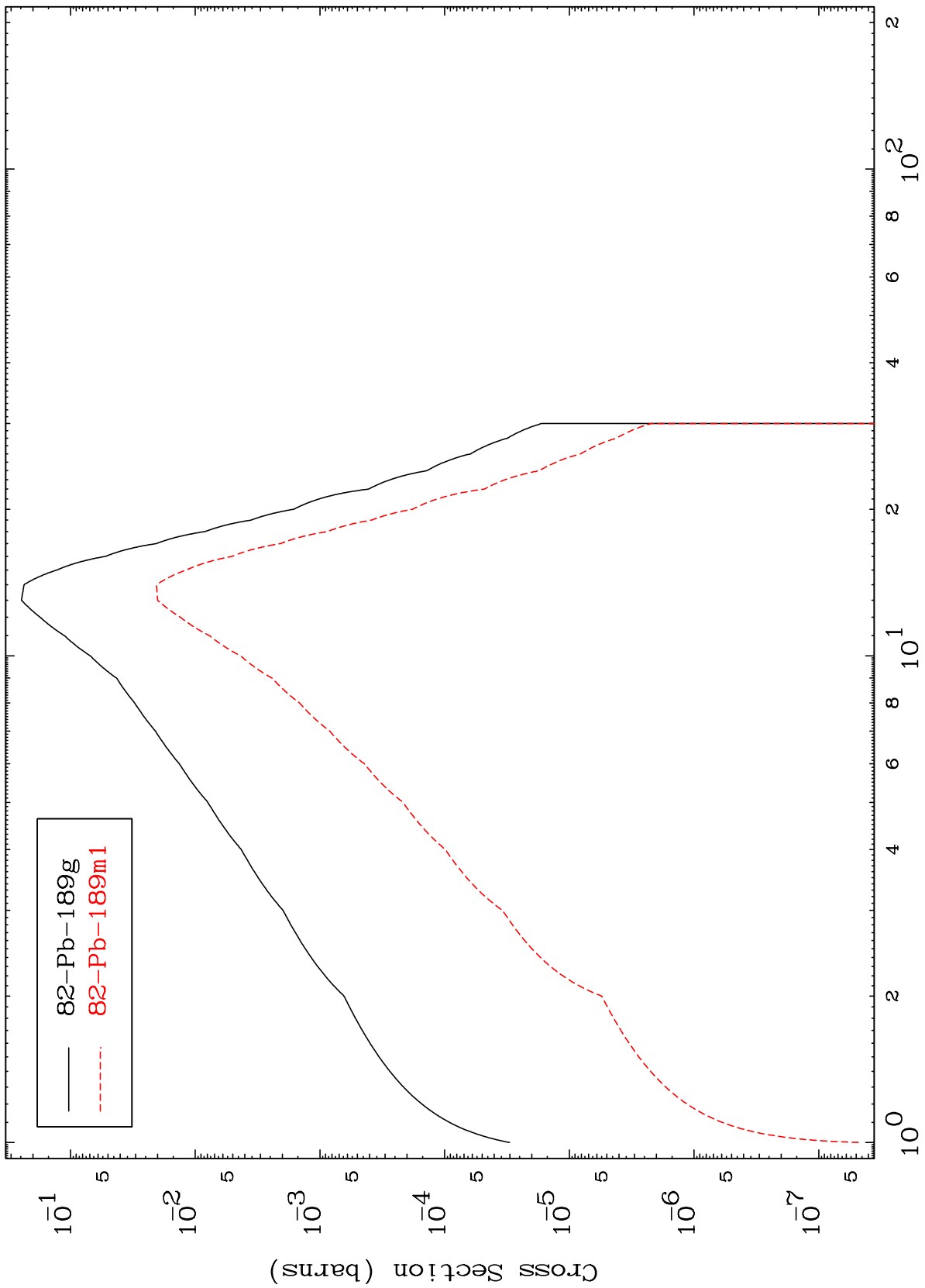
82-Pb-189



MAT 8180

82-Pb-189

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



— 82-Pb-189g  
- - - 82-Pb-189m1

82-Pb-189

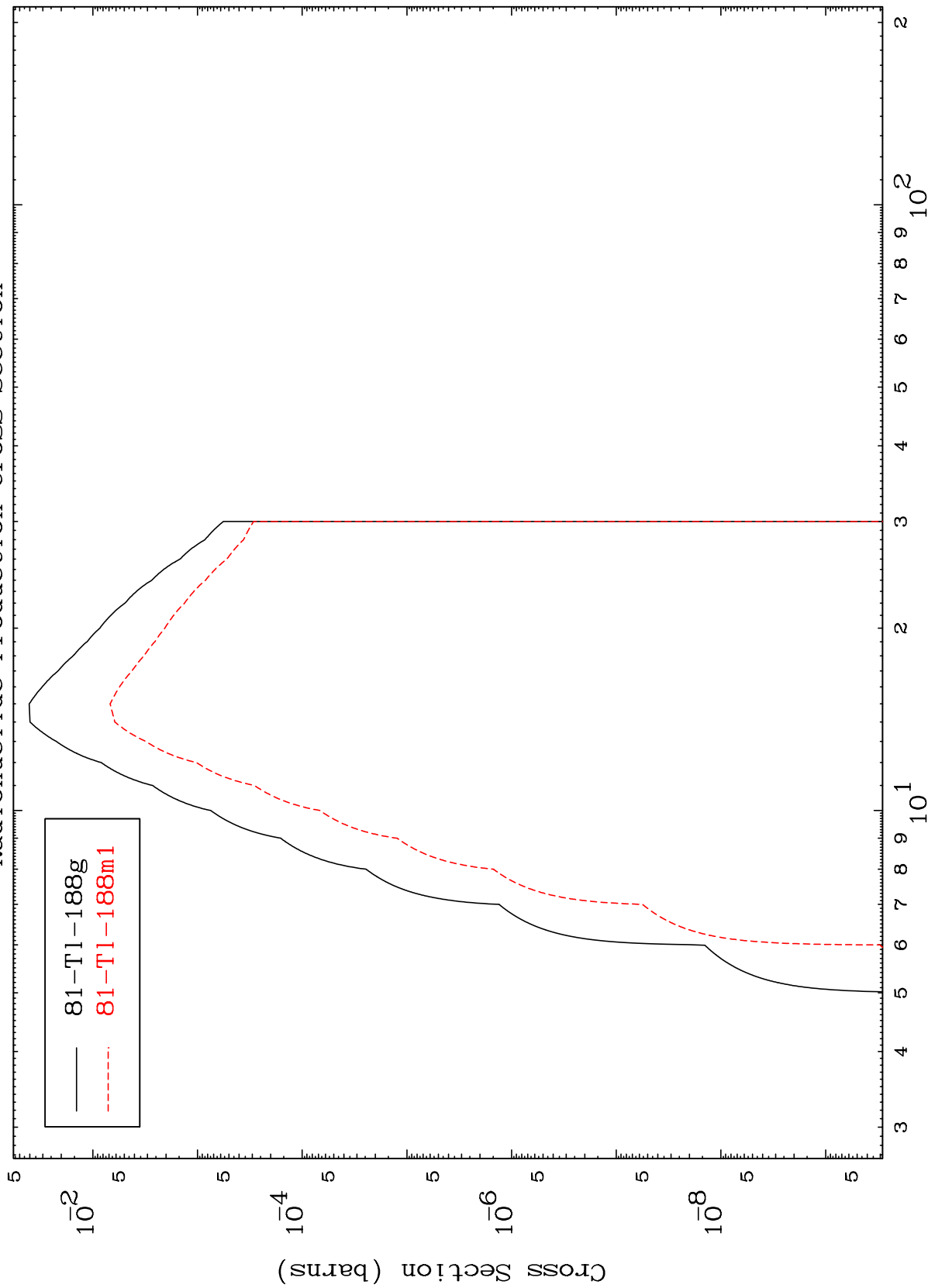
Incident Energy (MeV)

16

MAT 8180

82-Pb-189

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



17

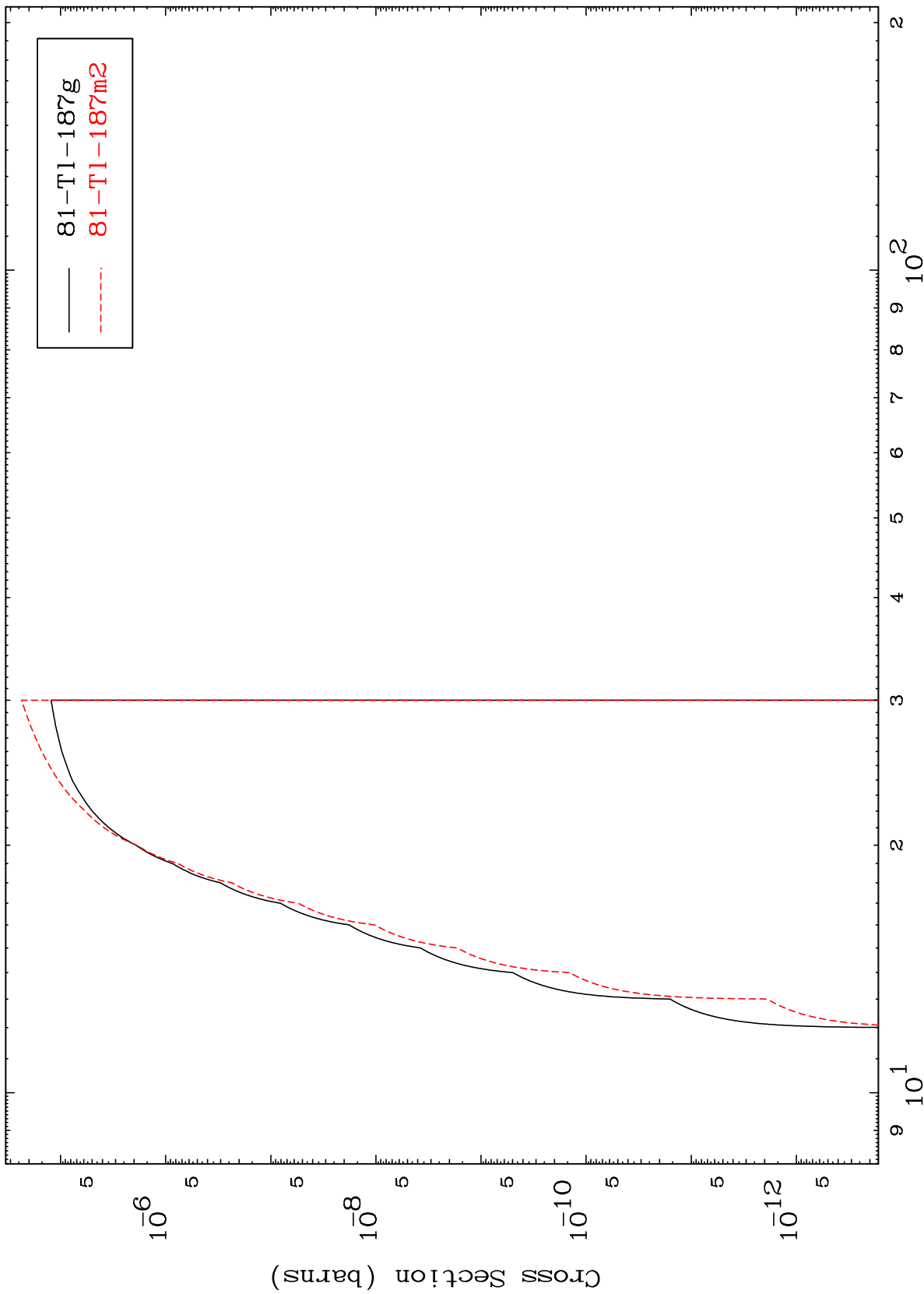
Incident Energy (MeV)

82-Pb-189

MAT 8180

82-Pb-189

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



81-Tl-187g  
81-Tl-187m2

82-Pb-189

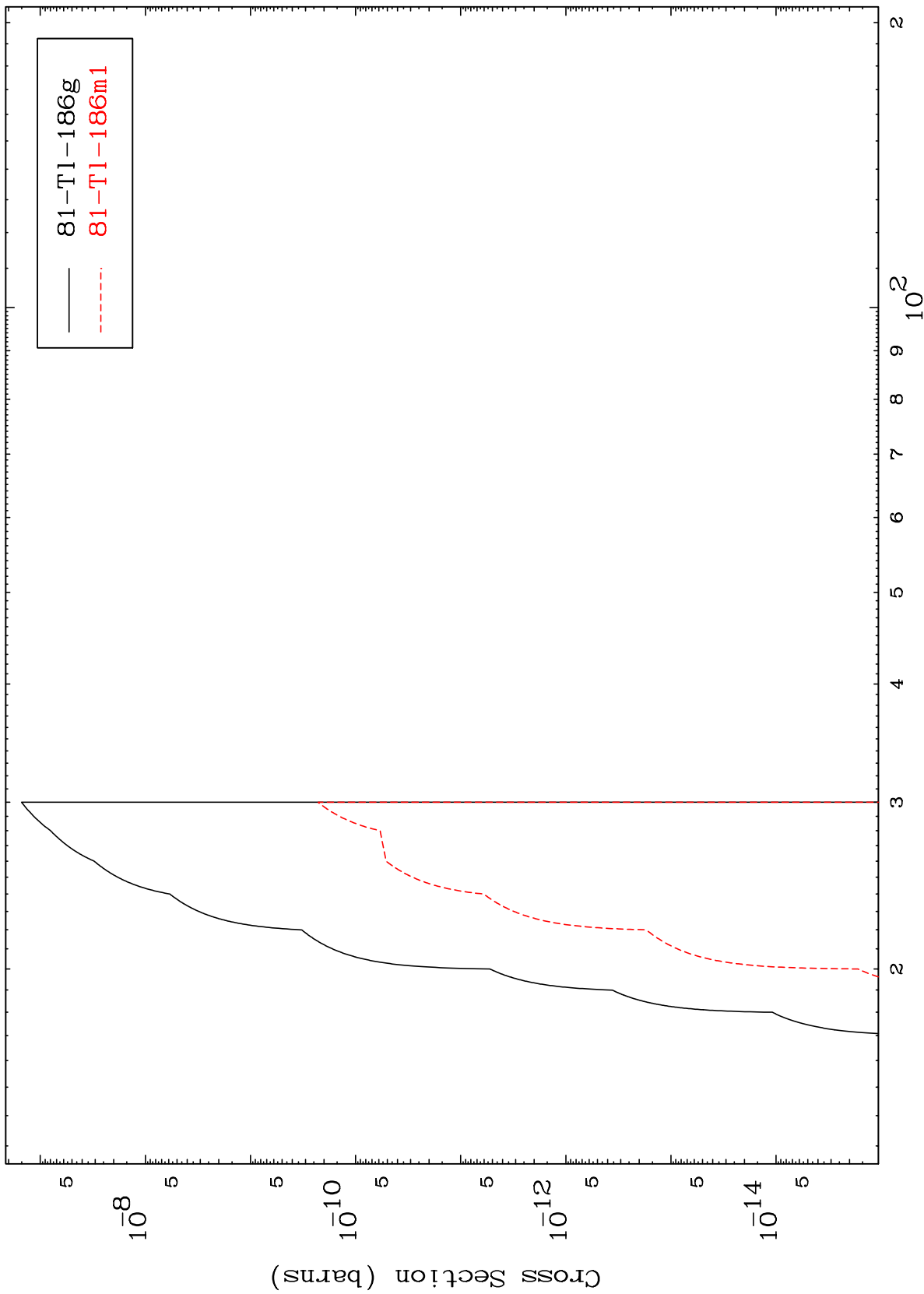
Incident Energy (MeV)

18

MAT 8180

82-Pb-189

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



19

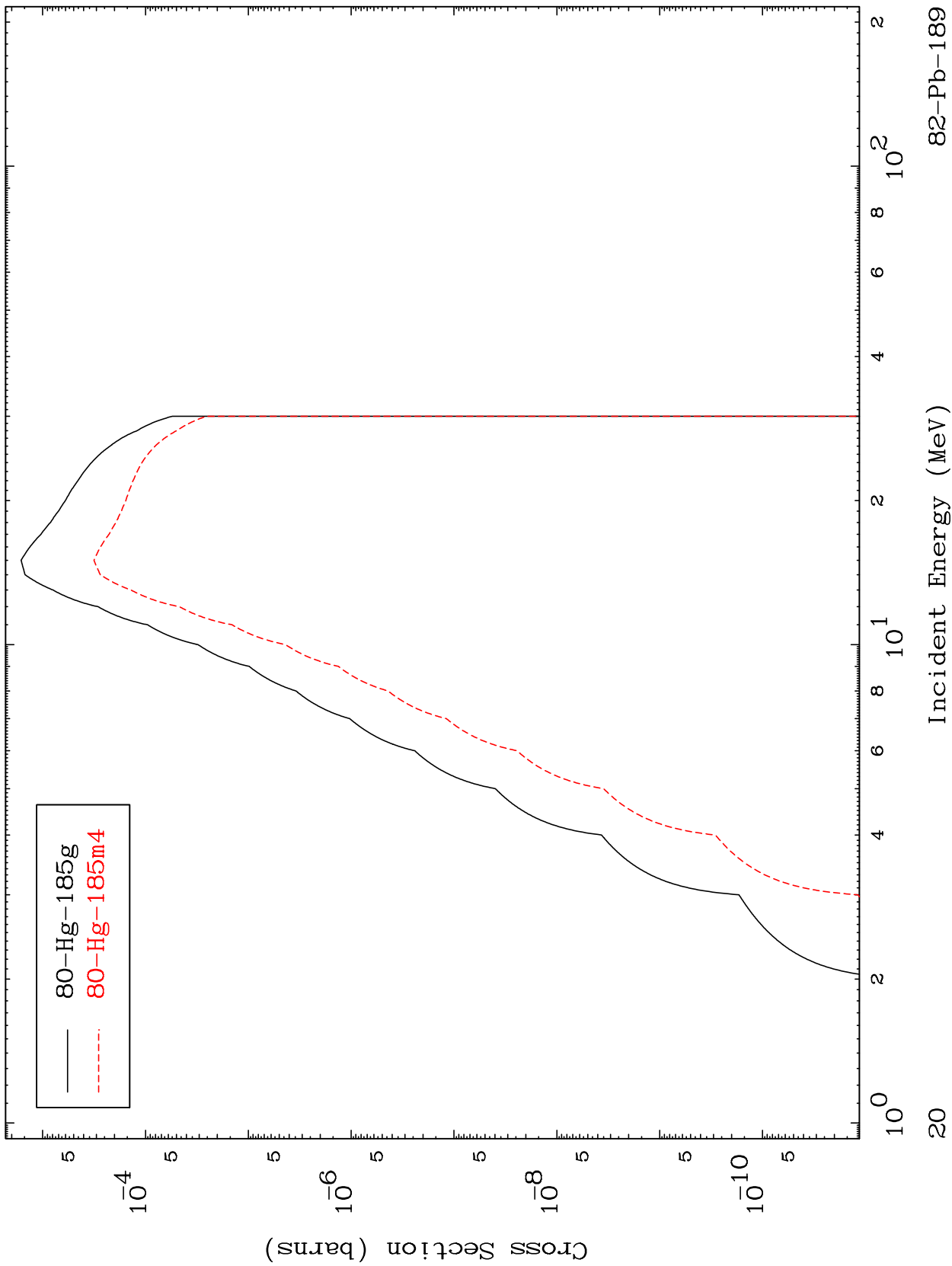
82-Pb-189

Incident Energy (MeV)

MAT 8180

82-Pb-189

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



82-Pb-189

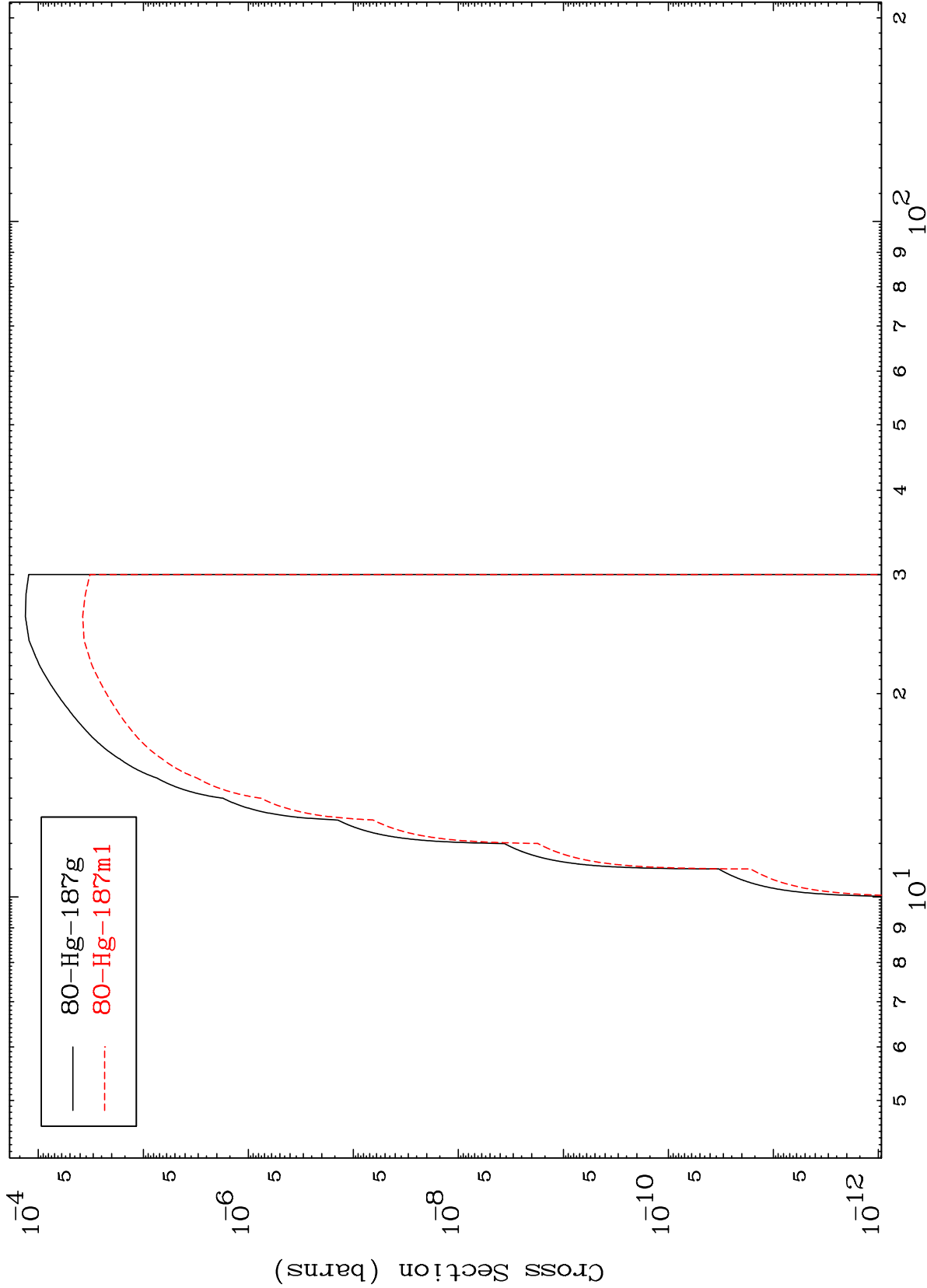
Incident Energy (MeV)

20

MAT 8180

82-Pb-189

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

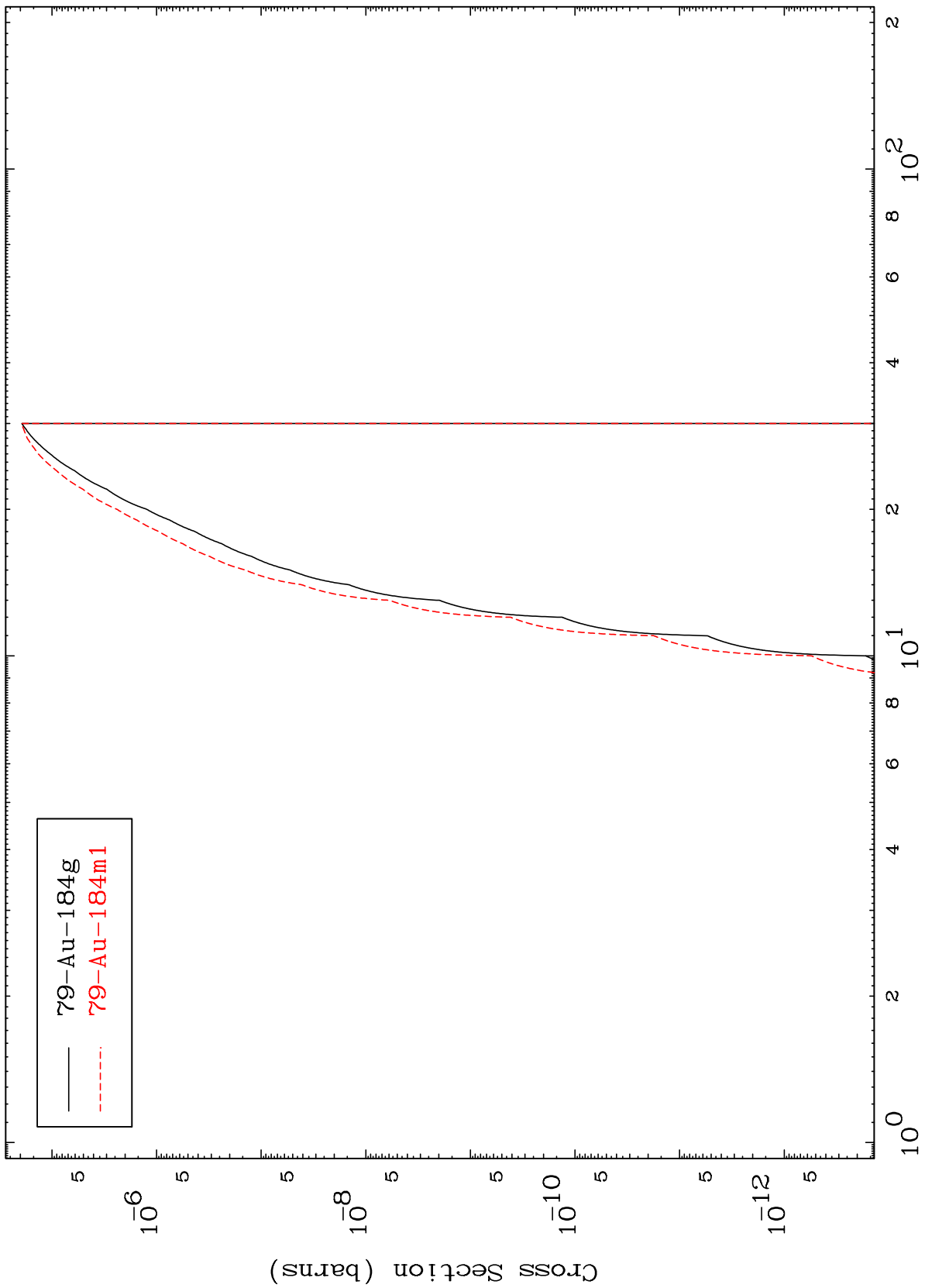


MAT 8180

$(\gamma, p) \alpha$

82-Pb-189

Radionuclide Production Cross Section



Incident Energy (MeV)

82-Pb-189

22