

Program EVALPLOT  
(Version 2018-1)

by

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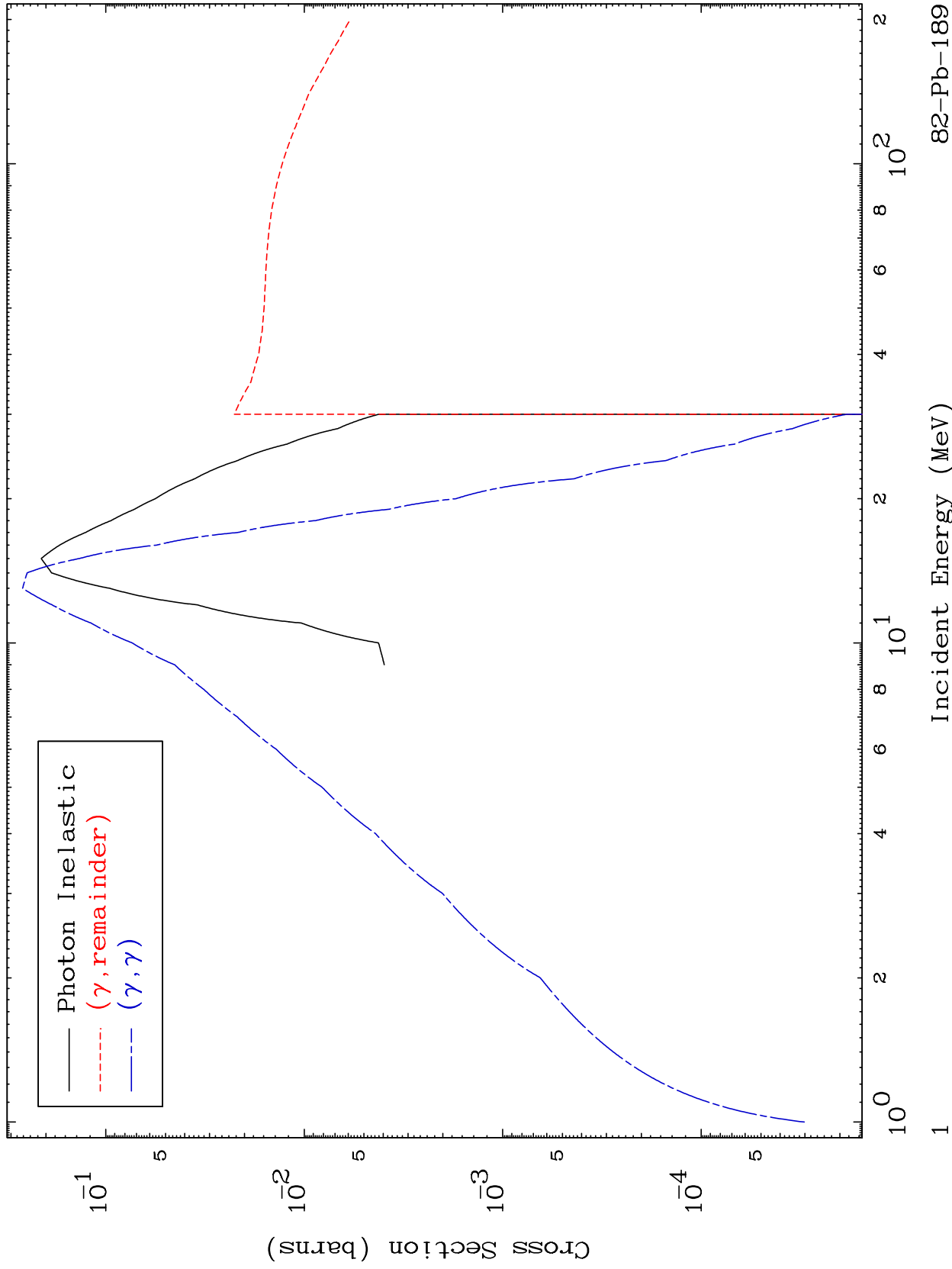
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 8180

Photon Major  
0 Kelvin Cross Sections

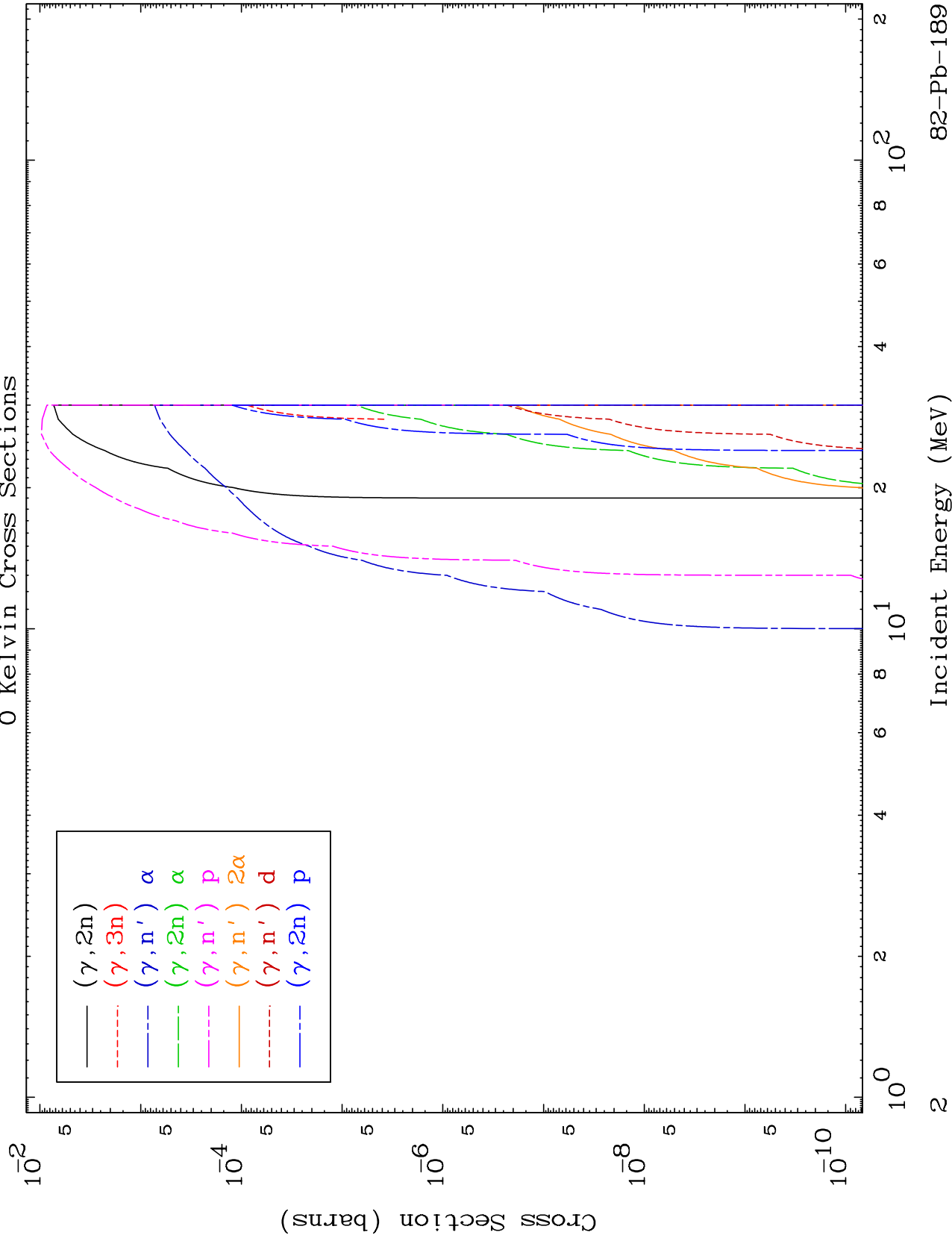
82-Pb-189



MAT 8180

Photon Neutron Production  
0 Kelvin Cross Sections

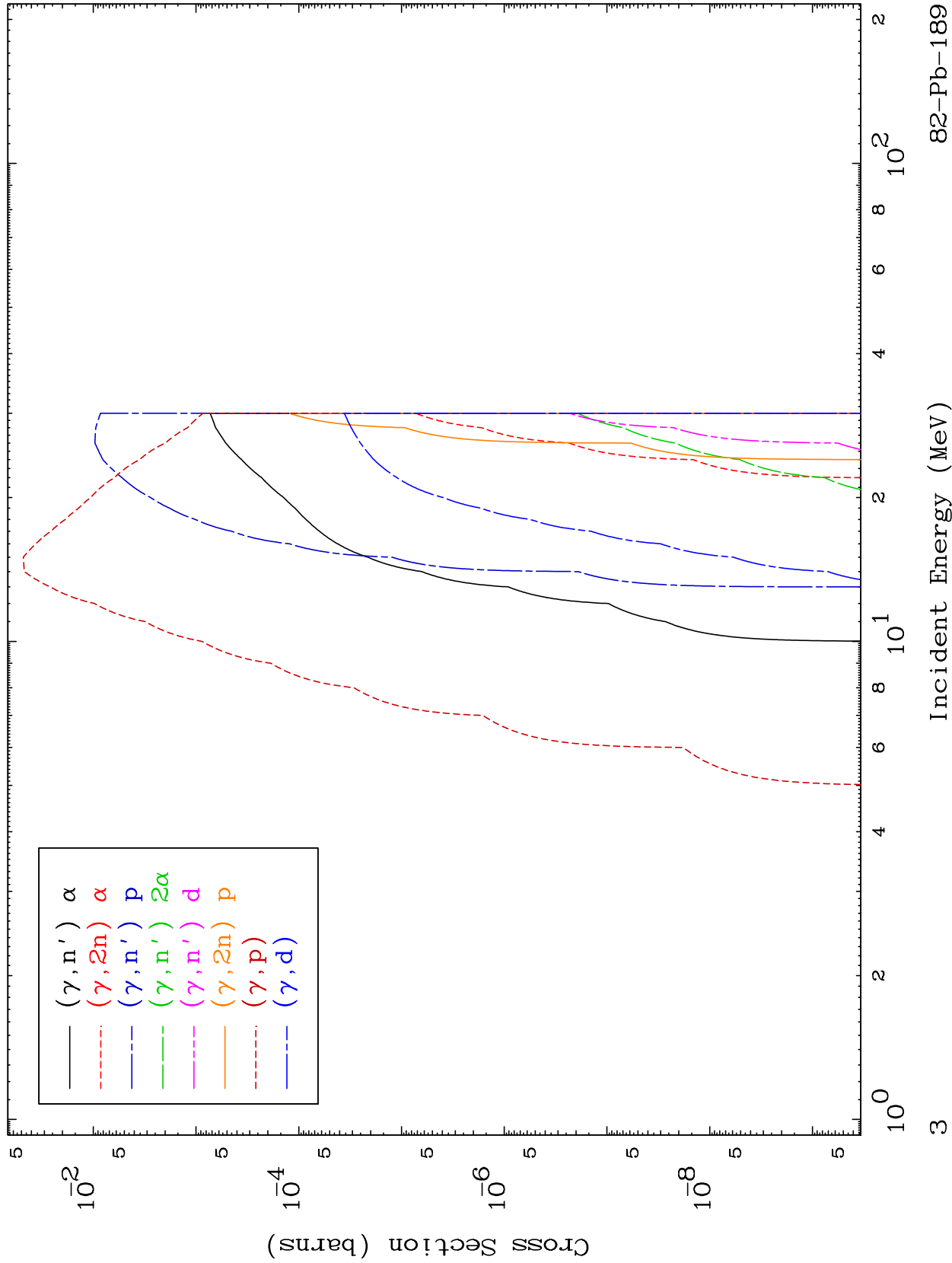
82-Pb-189

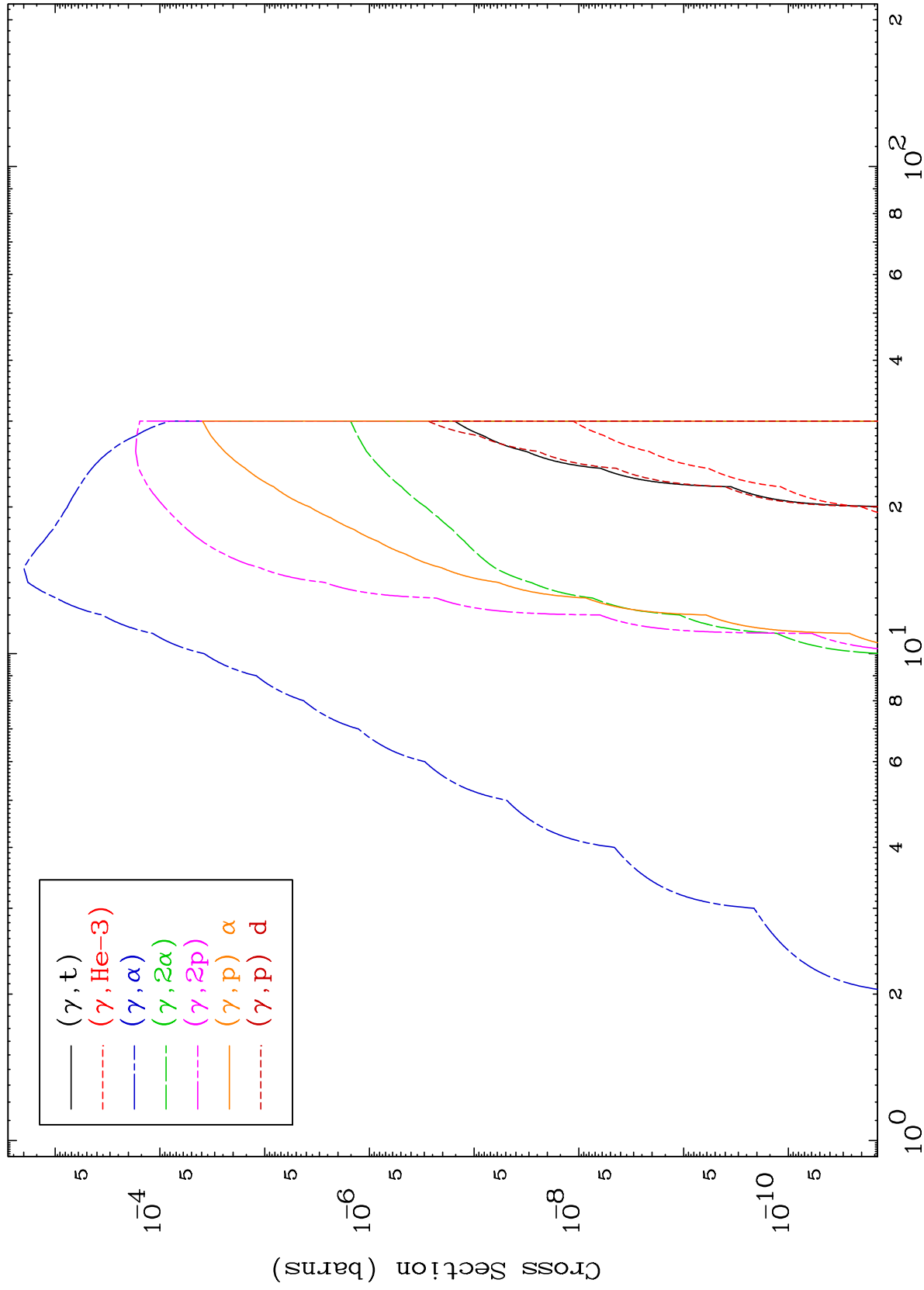


MAT 8180

Photon Charged Particle  
0 Kelvin Cross Sections

82-Pb-189



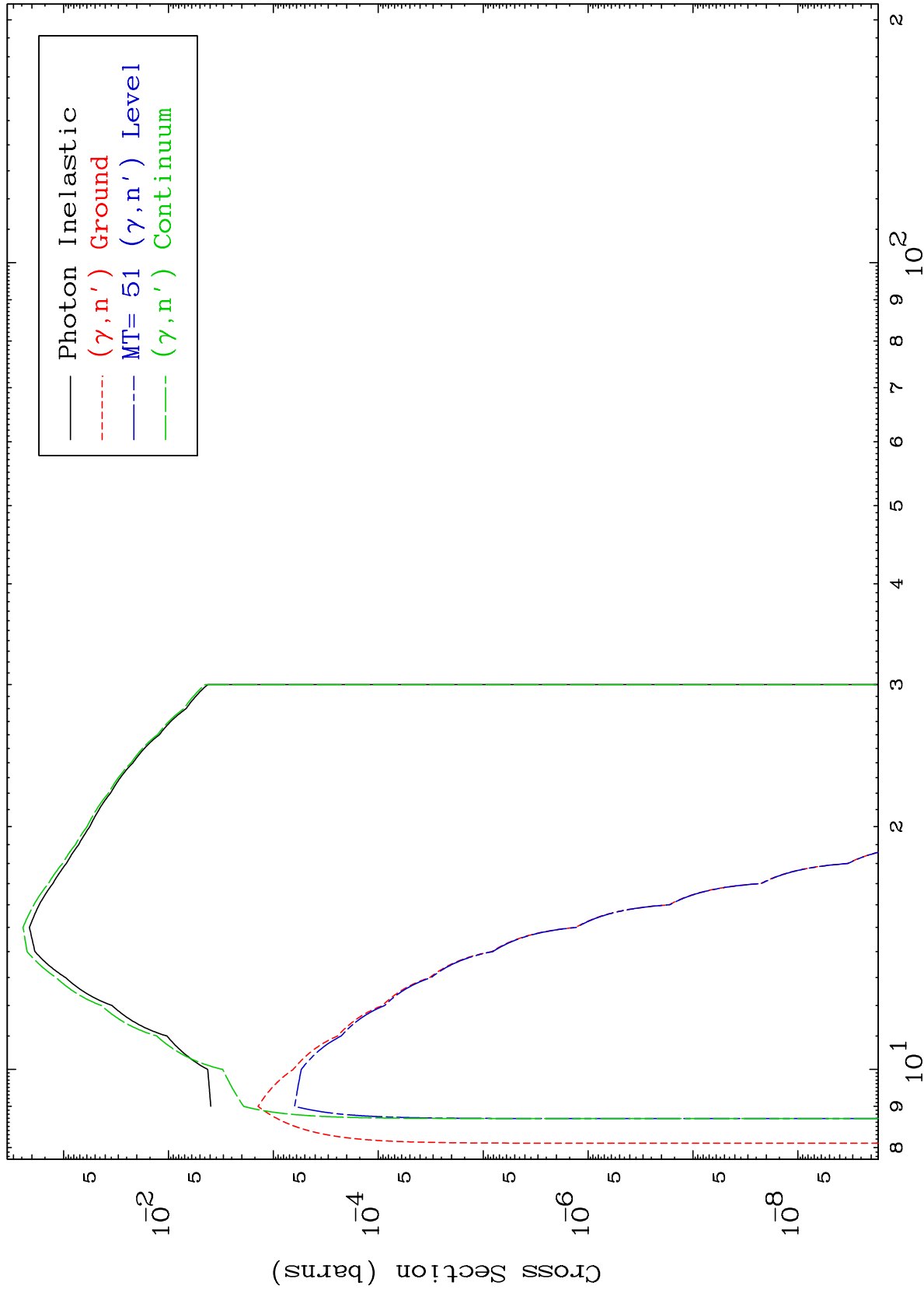


MAT 8180

$(\gamma, n')$  Level

82-Pb-189

0 Kelvin Cross Sections



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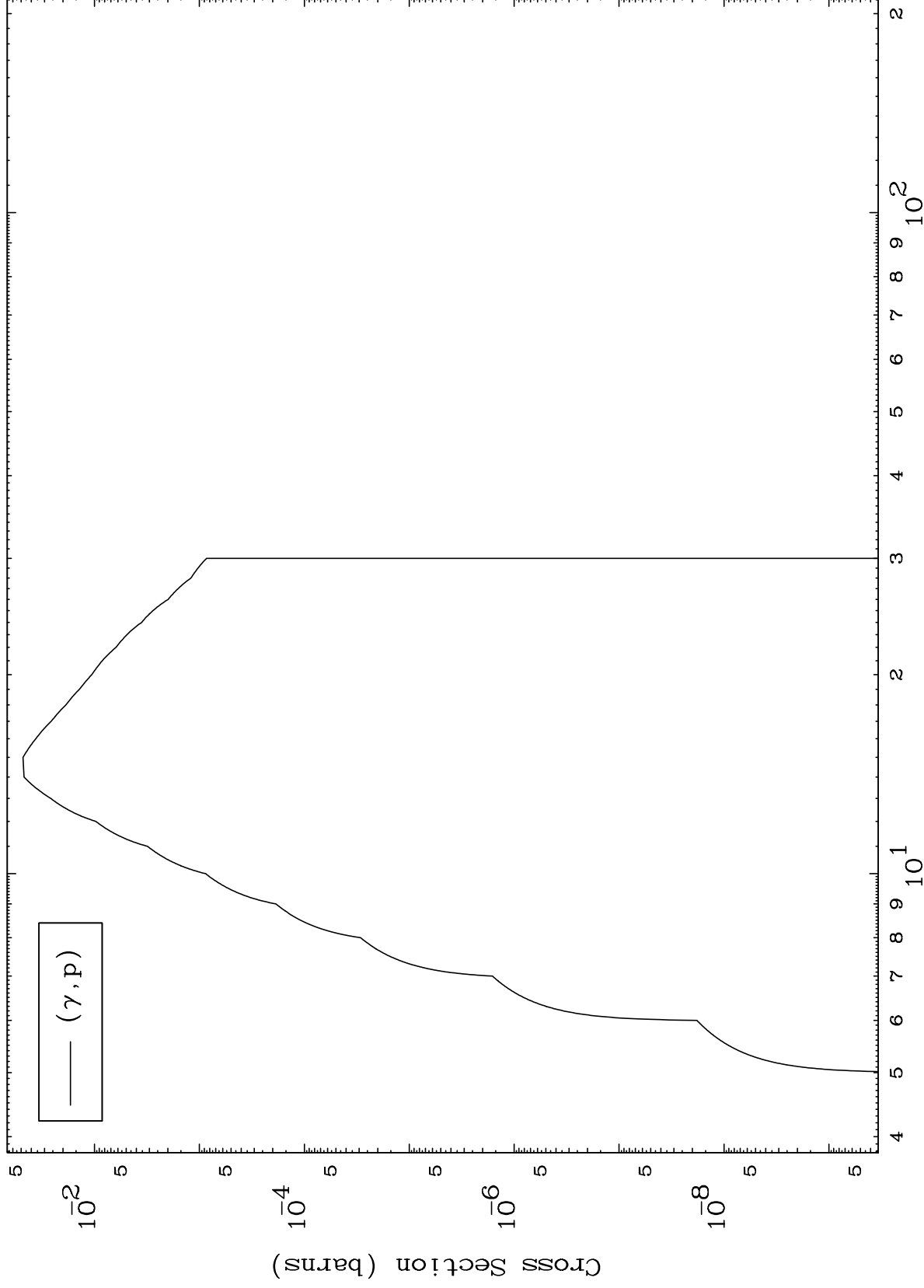
Incident Energy (MeV)

82-Pb-189

MAT 8180

82-Pb-189

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



6

Incident Energy (MeV)

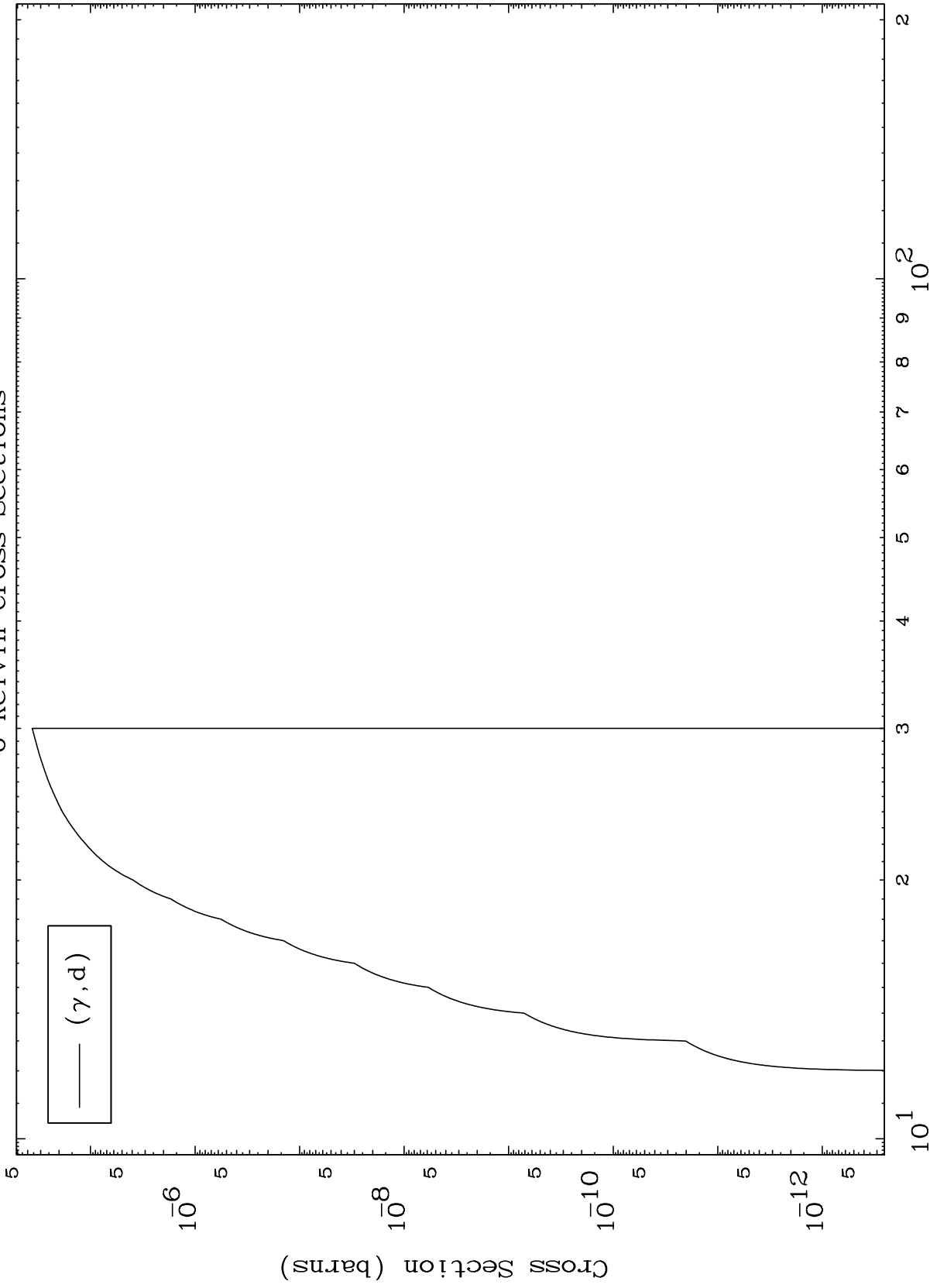
82-Pb-189

MAT 8180

( $\gamma$ ,d) Levels

82-Pb-189

0 Kelvin Cross Sections



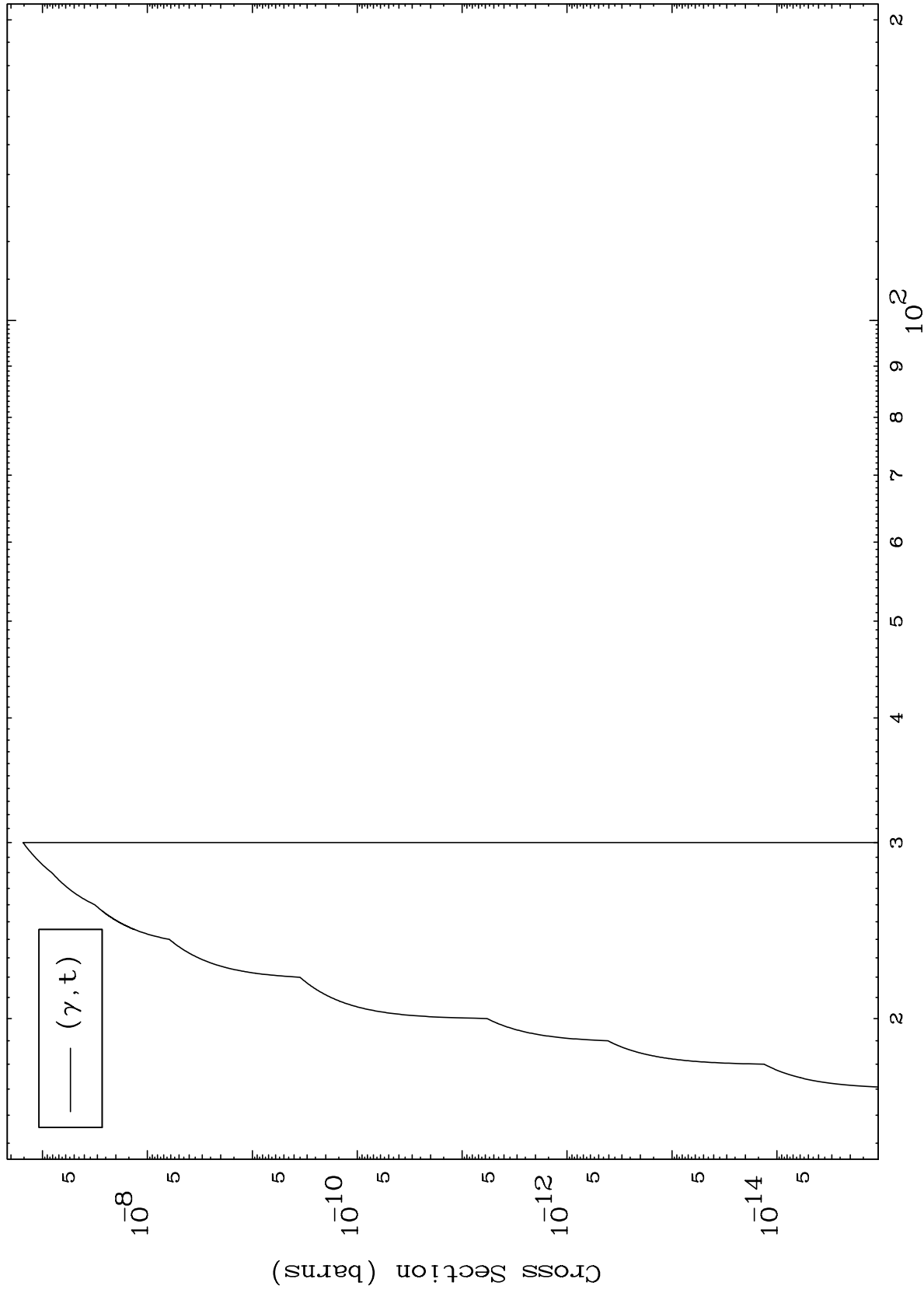
Incident Energy (MeV)

82-Pb-189

MAT 8180

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

82-Pb-189



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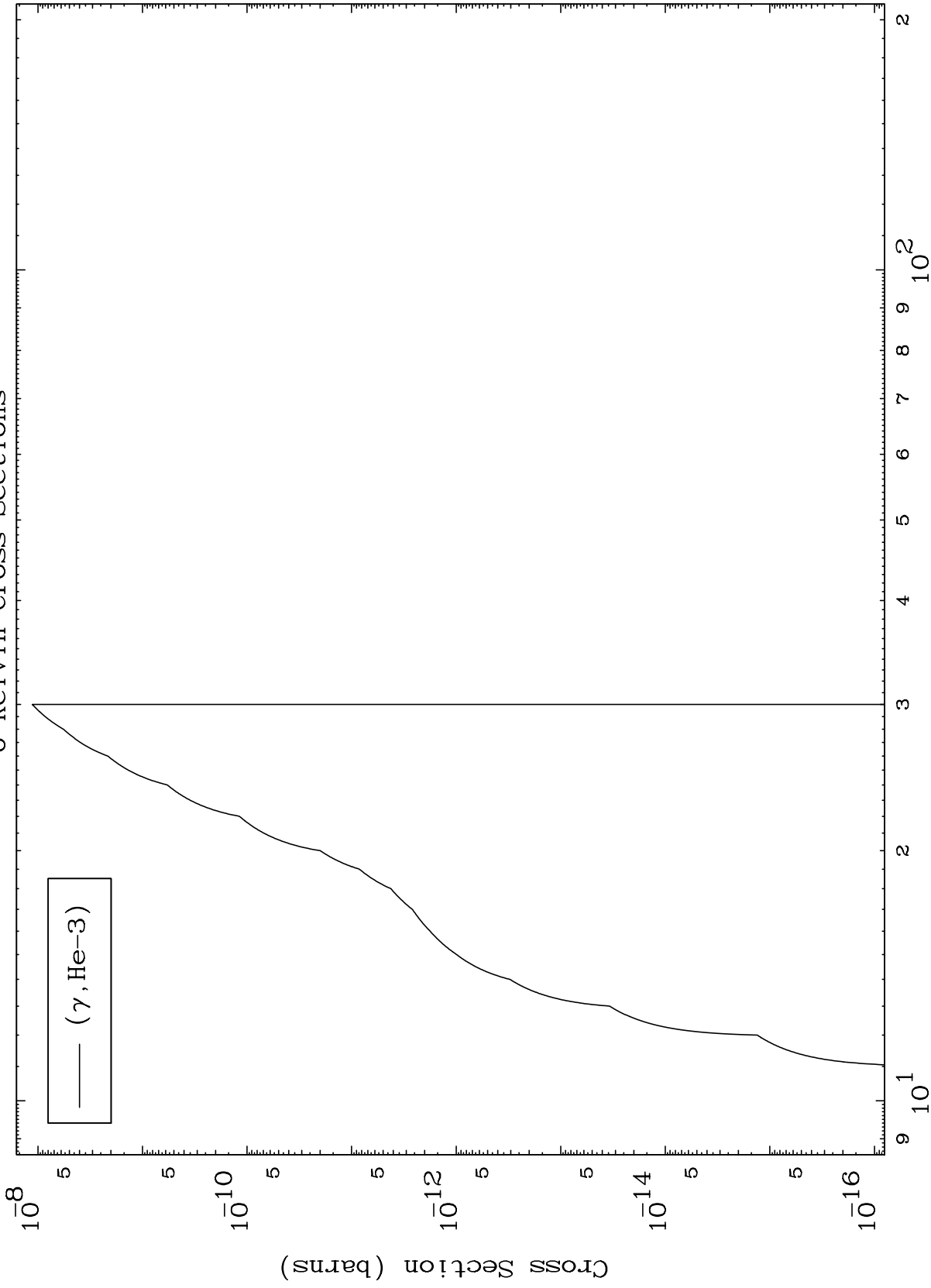
Incident Energy (MeV)

82-Pb-189

MAT 8180

82-Pb-189

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



9

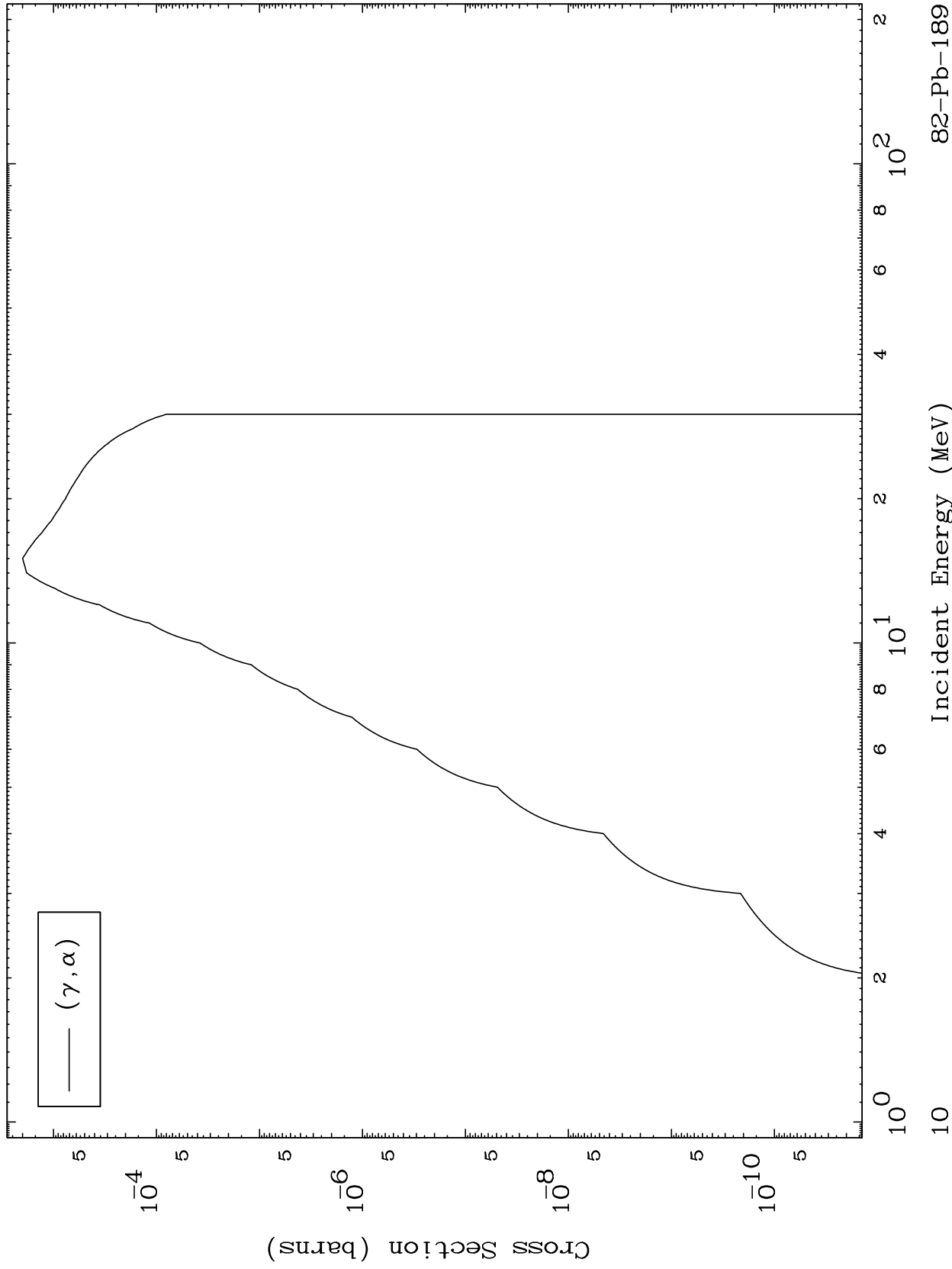
Incident Energy (MeV)

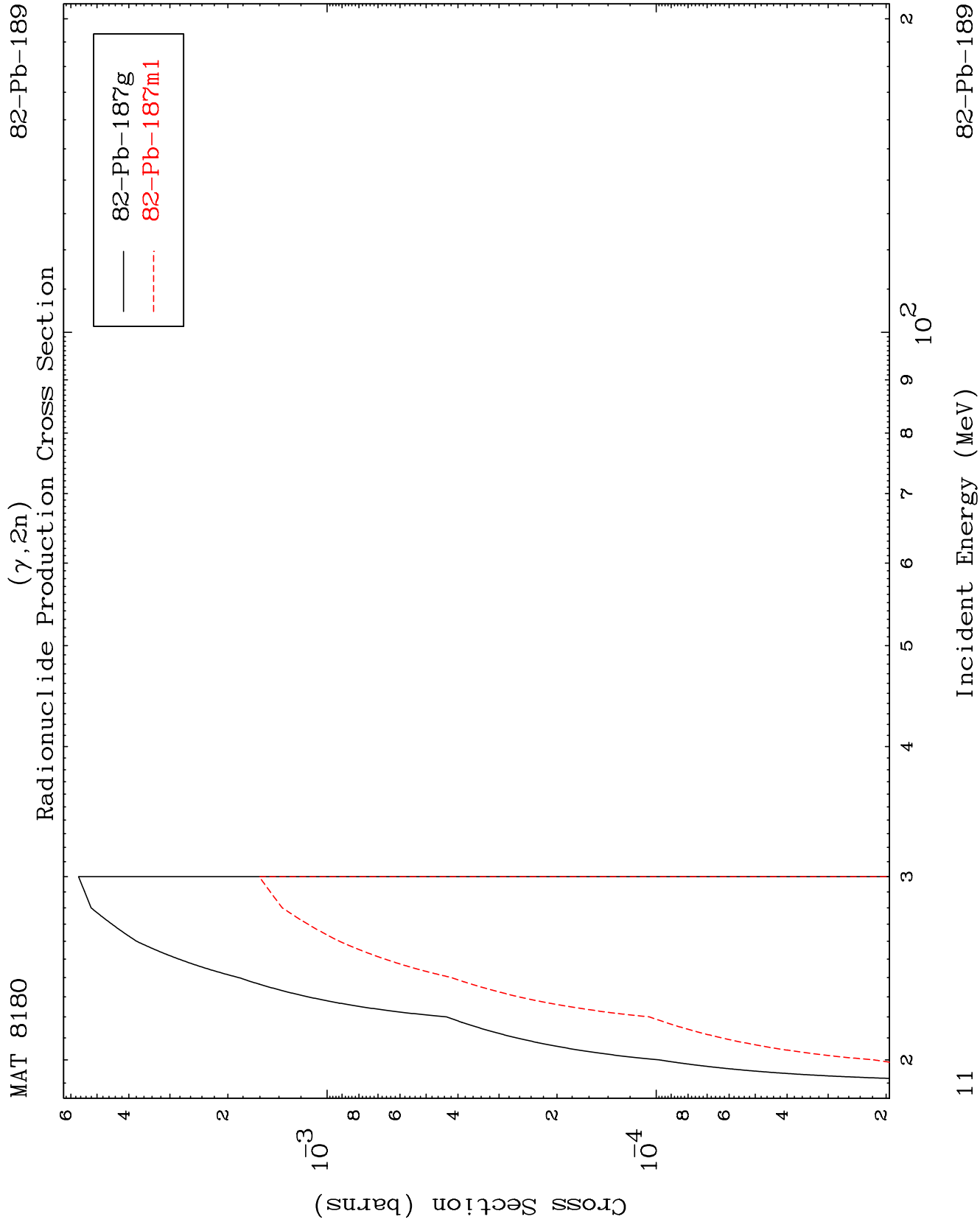
82-Pb-189

MAT 8180

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

82-Pb-189



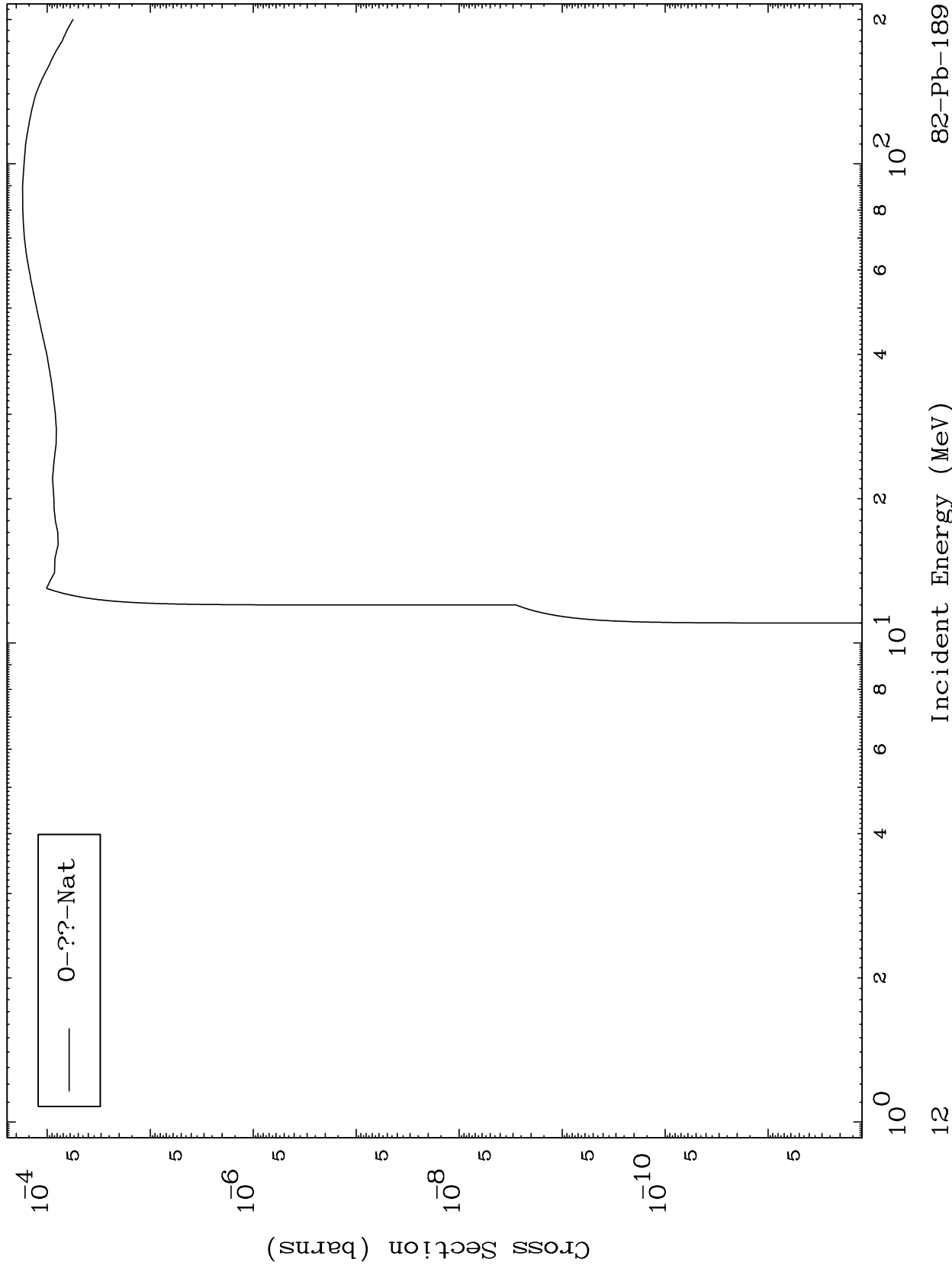


MAT 8180

Photon Fission

82-Pb-189

Radionuclide Production Cross Section

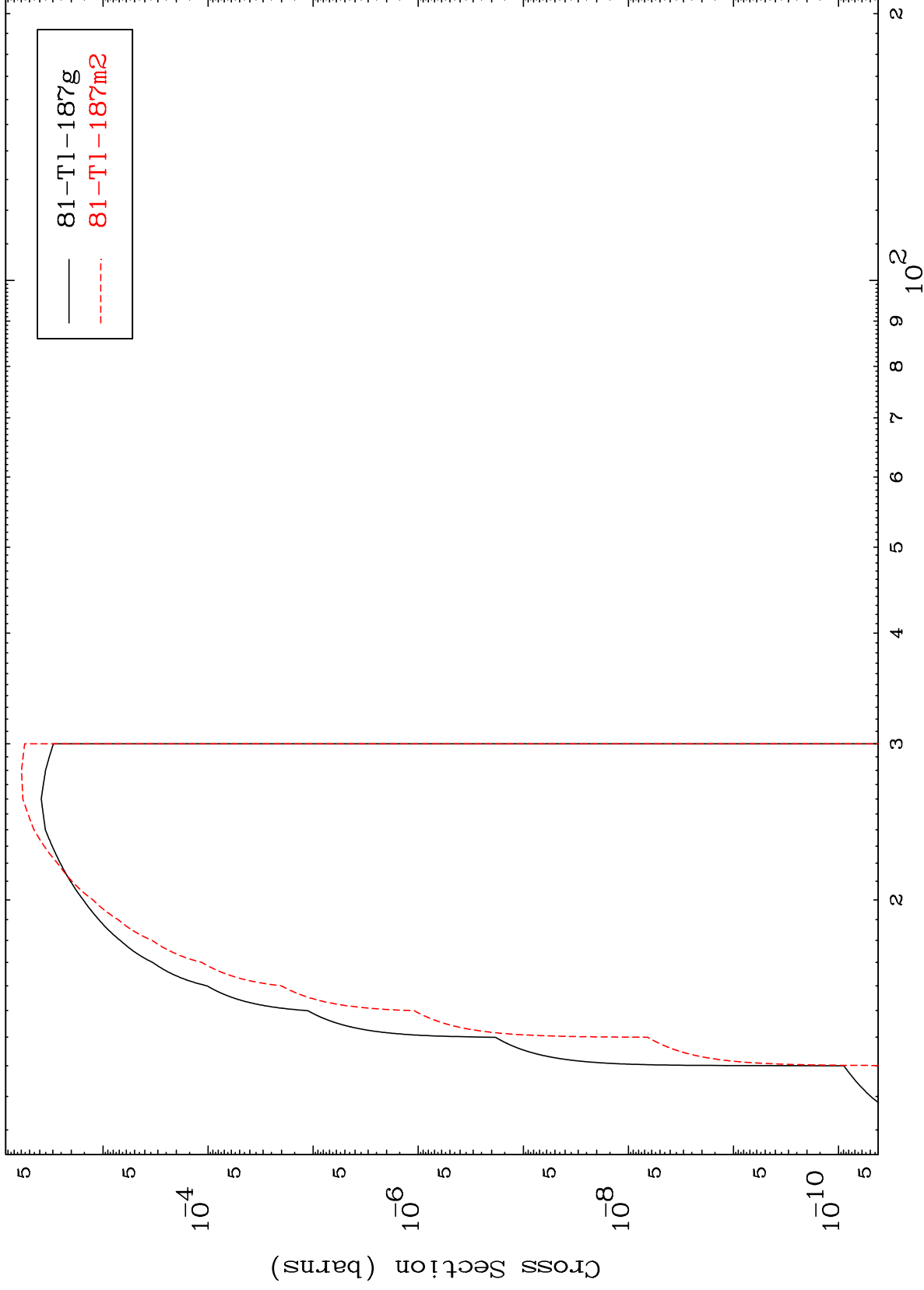


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$(\gamma, n')$  p

82-Pb-189

Radionuclide Production Cross Section



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Incident Energy (MeV)

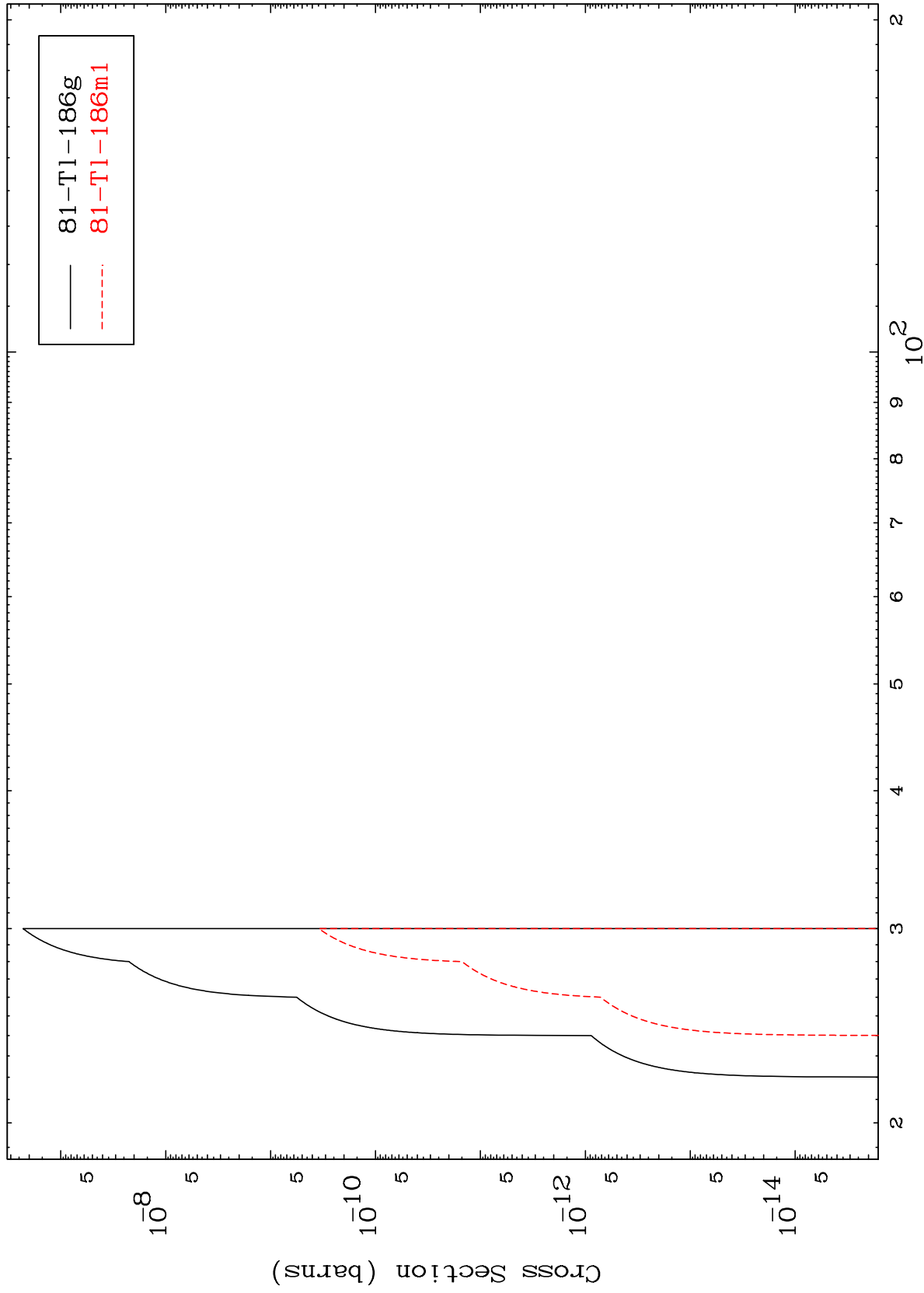
82-Pb-189

MAT 8180

$(\gamma, n')$  d

82-Pb-189

Radionuclide Production Cross Section



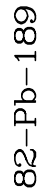
14

Incident Energy (MeV)

82-Pb-189

82-Pb-189

82-Pb-189



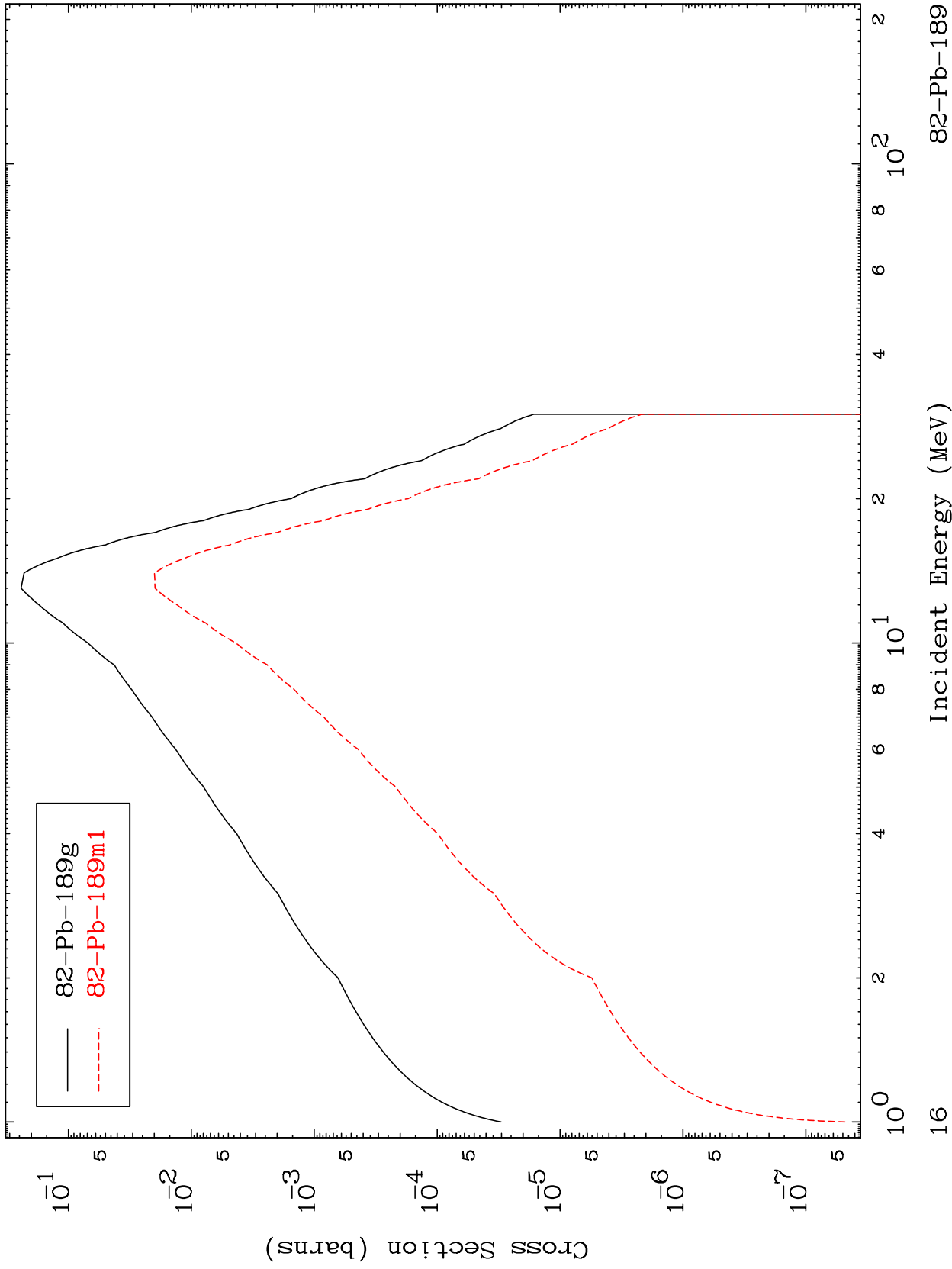
82-Pb-189

82-Pb-189

MAT 8180

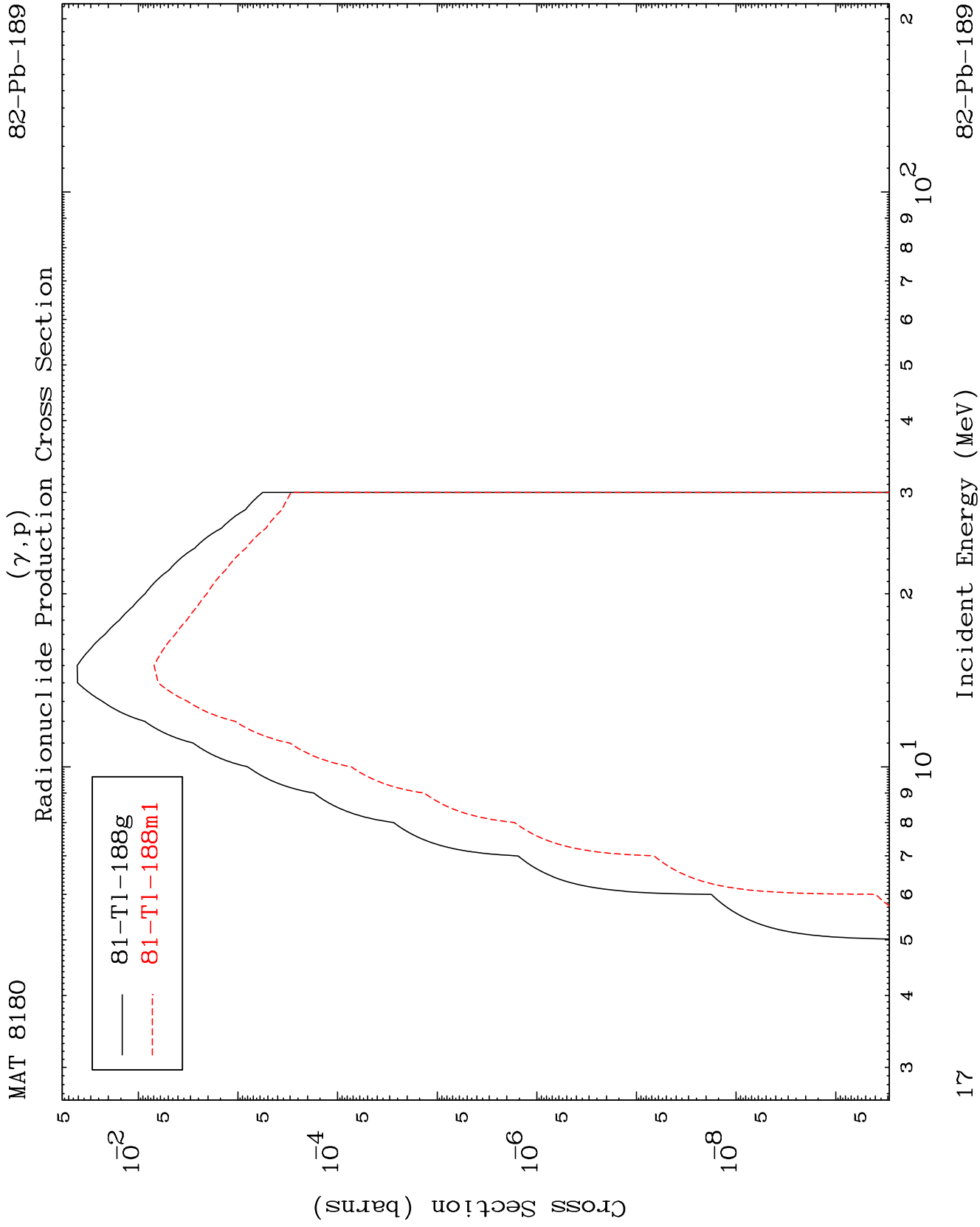
Radionuclide Production Cross Section  
( $\gamma, \gamma$ )

82-Pb-189



Incident Energy (MeV)

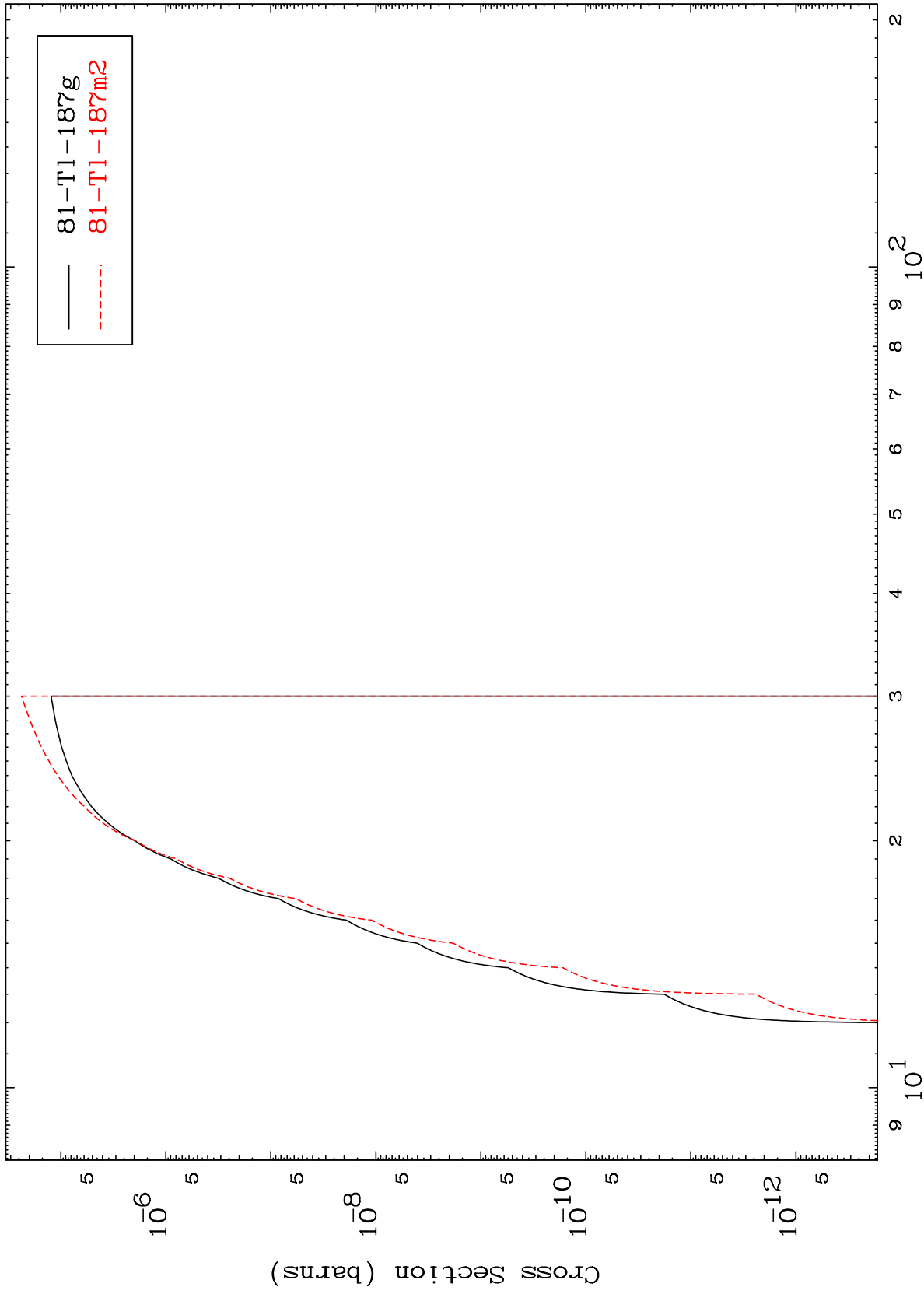
82-Pb-189



MAT 8180

82-Pb-189

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

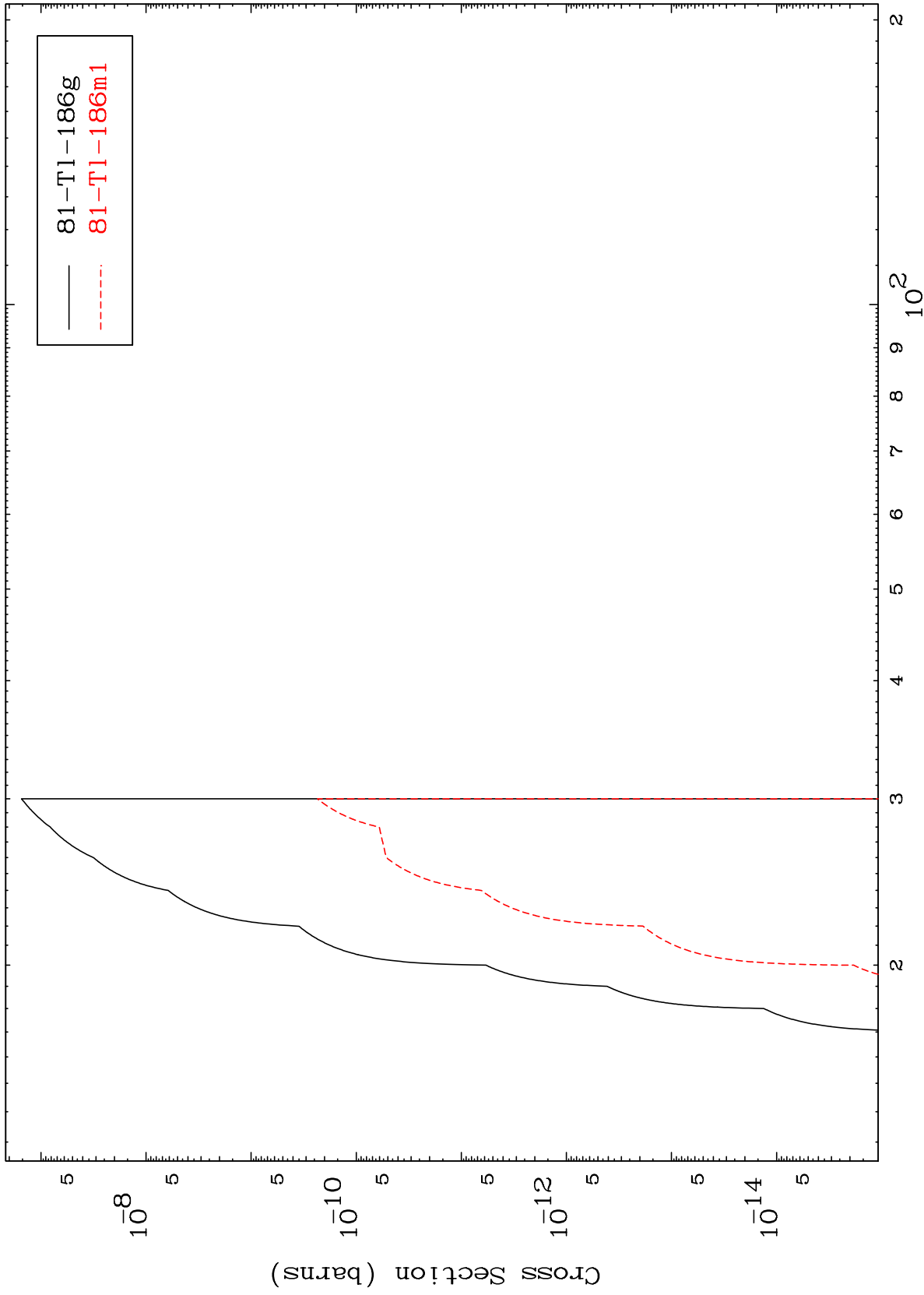


18

Incident Energy (MeV)

82-Pb-189

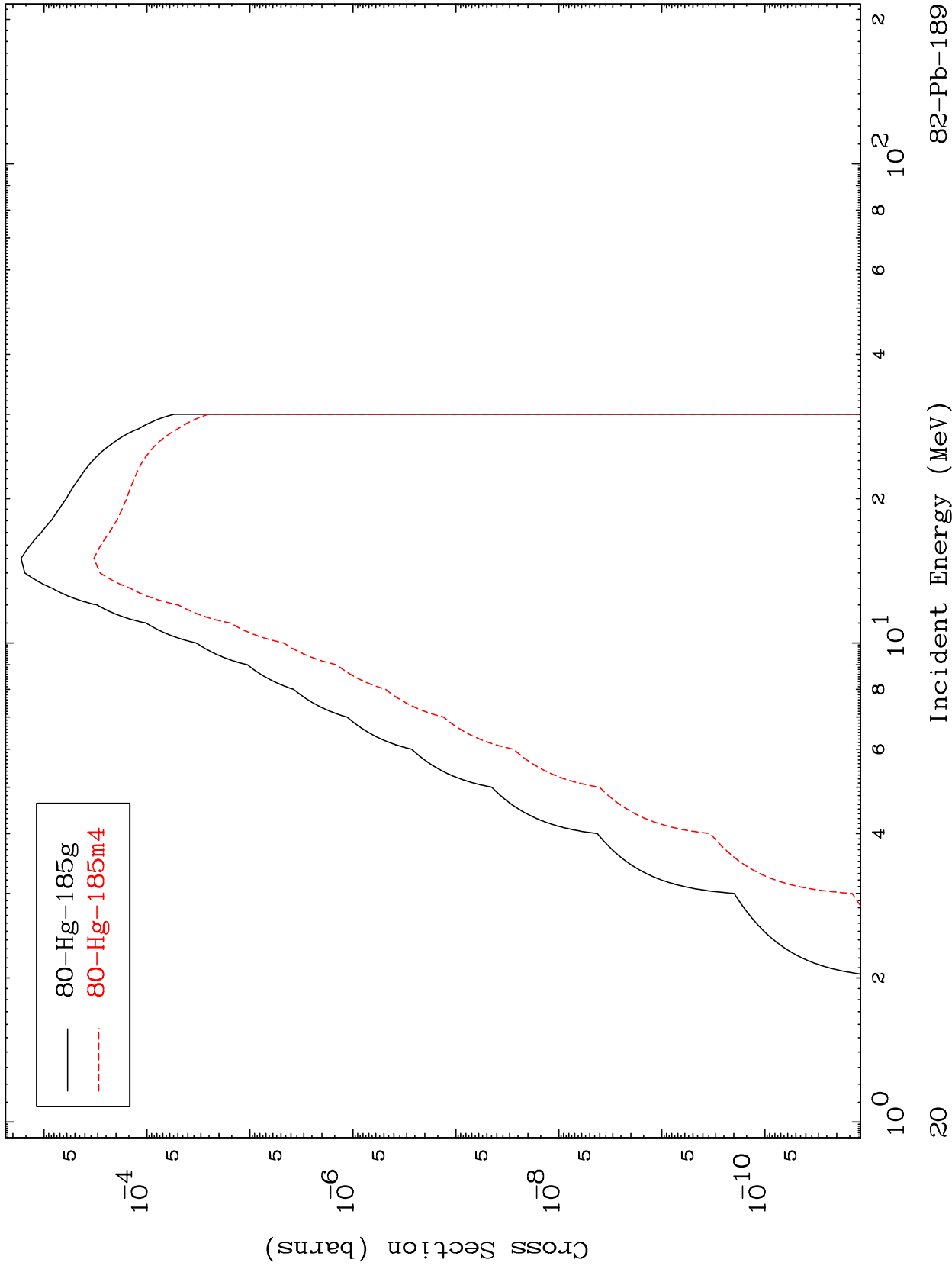
Radionuclide Production Cross Section  
( $\gamma, t$ )



MAT 8180

82-Pb-189

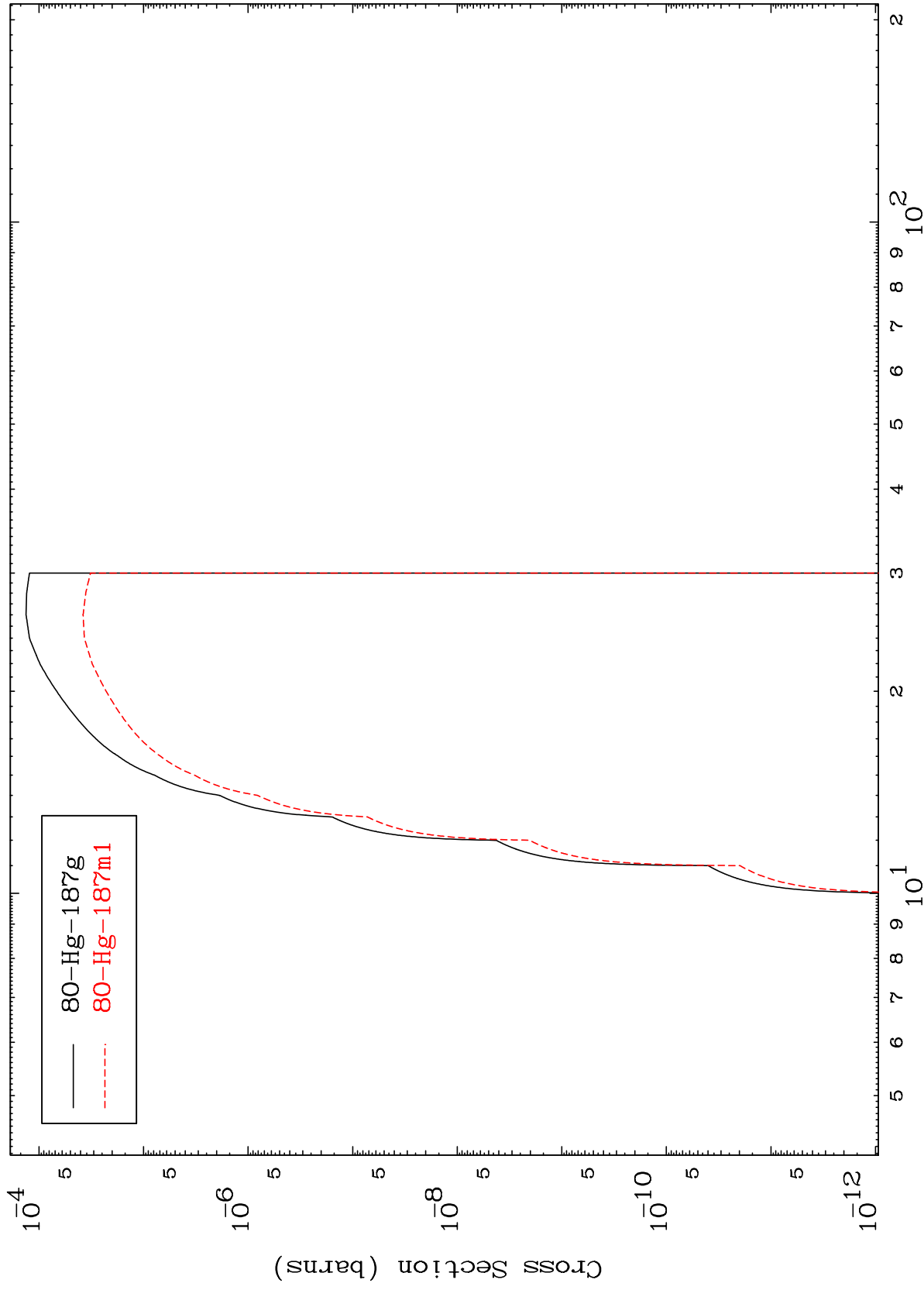
$(\gamma, \alpha)$   
Radionuclide Production Cross Section



MAT 8180

82-Pb-189

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



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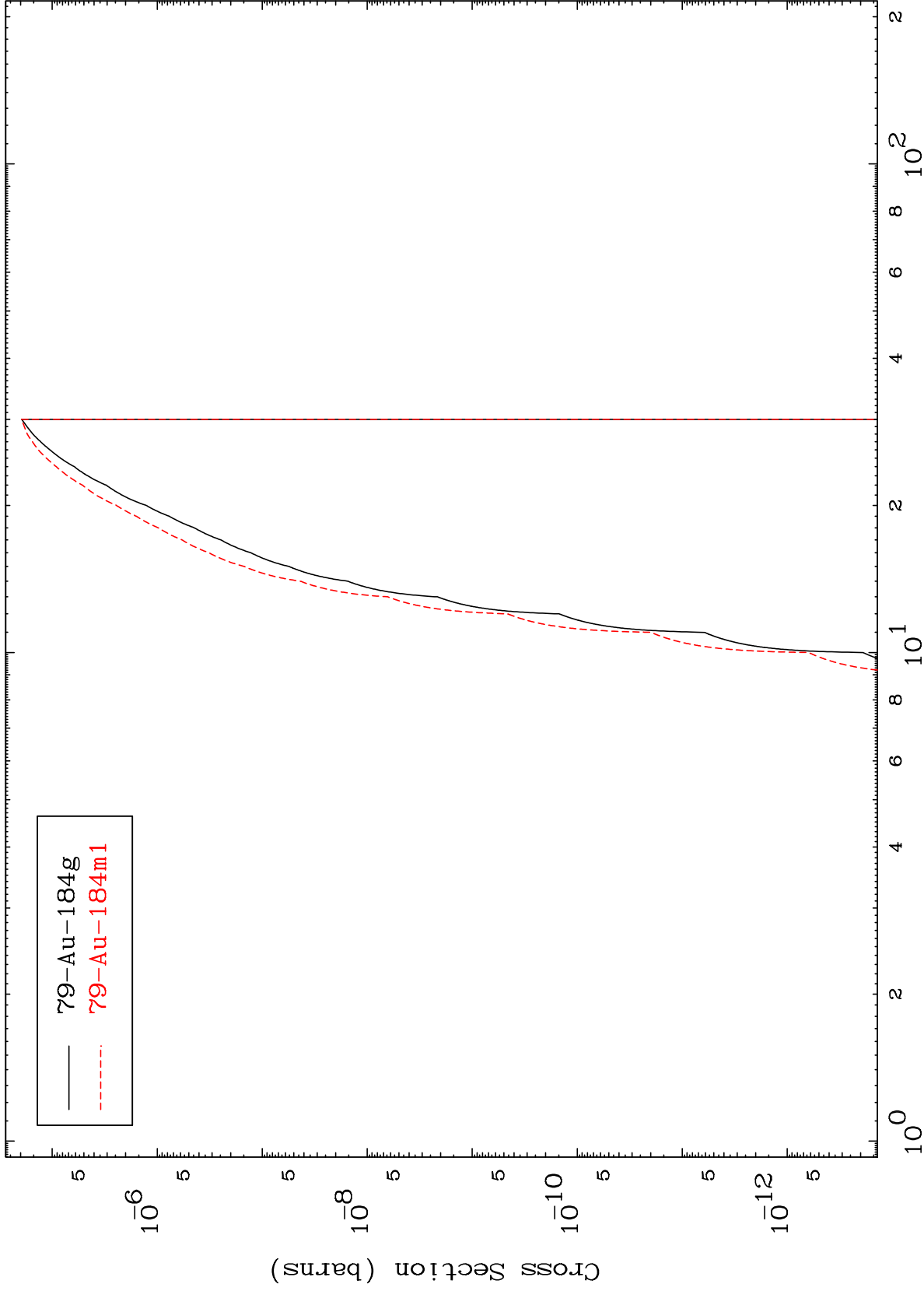
Incident Energy (MeV)

82-Pb-189

MAT 8180

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

82-Pb-189



Incident Energy (MeV)

82-Pb-189