

Program EVALPLOT  
(Version 2018-1)

by

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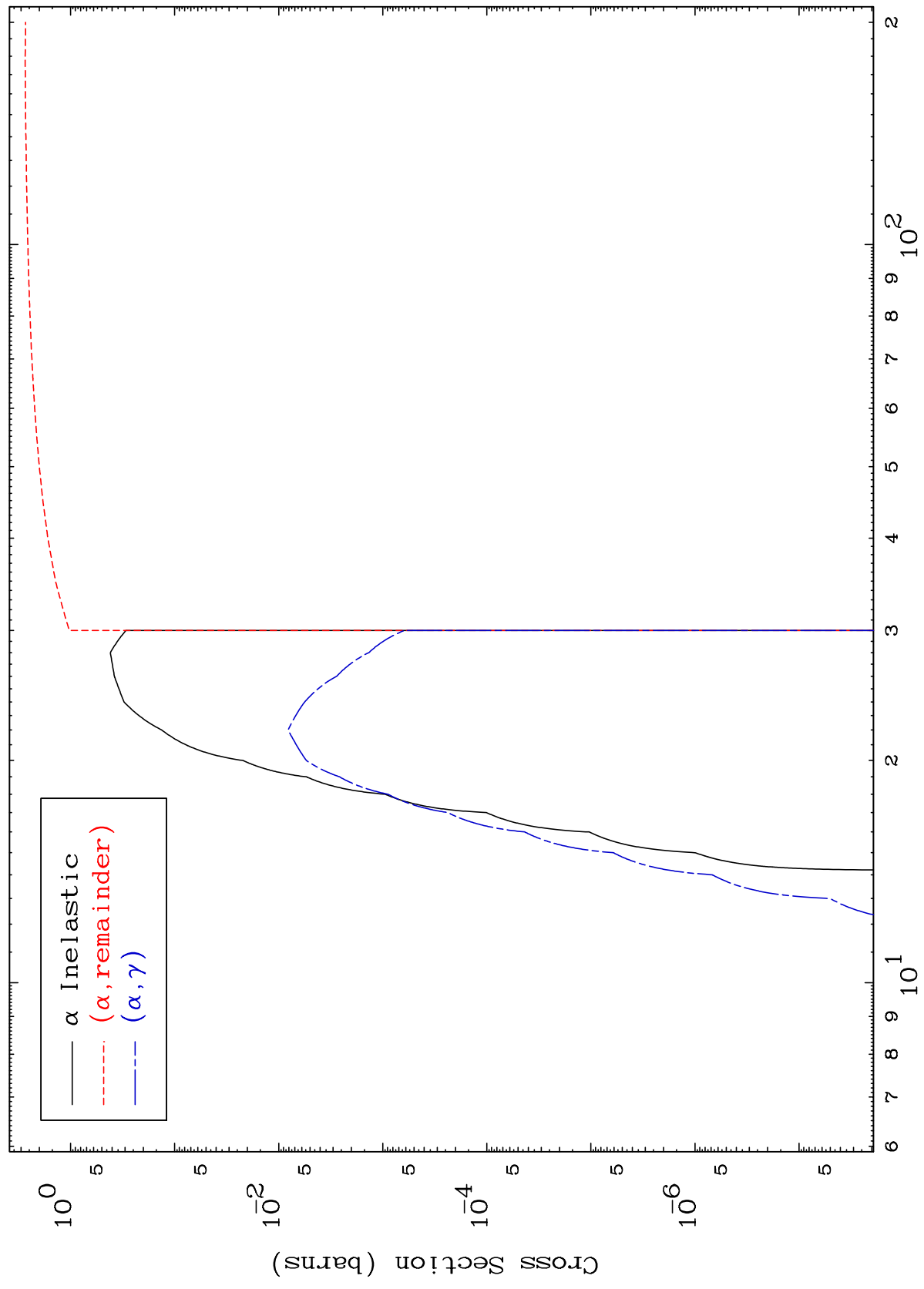
Press Mouse Button to Start

MAT 8198

0 Kelvin

$\alpha$  Major Cross Sections

82-Pb-195

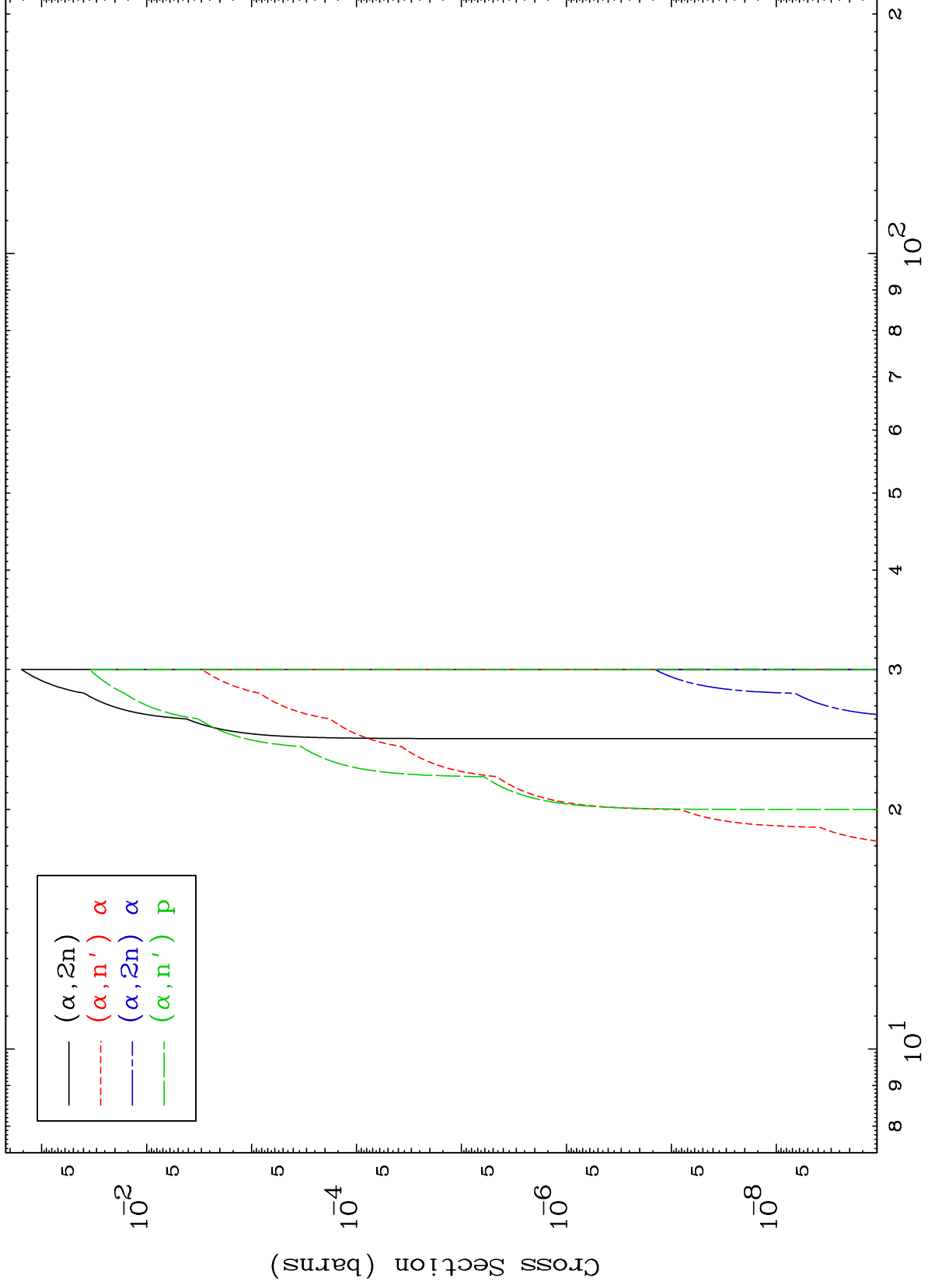


$\alpha$  Inelastic  
 $(\alpha, \text{remainder})$   
 $(\alpha, \gamma)$

1

Incident Energy (MeV)

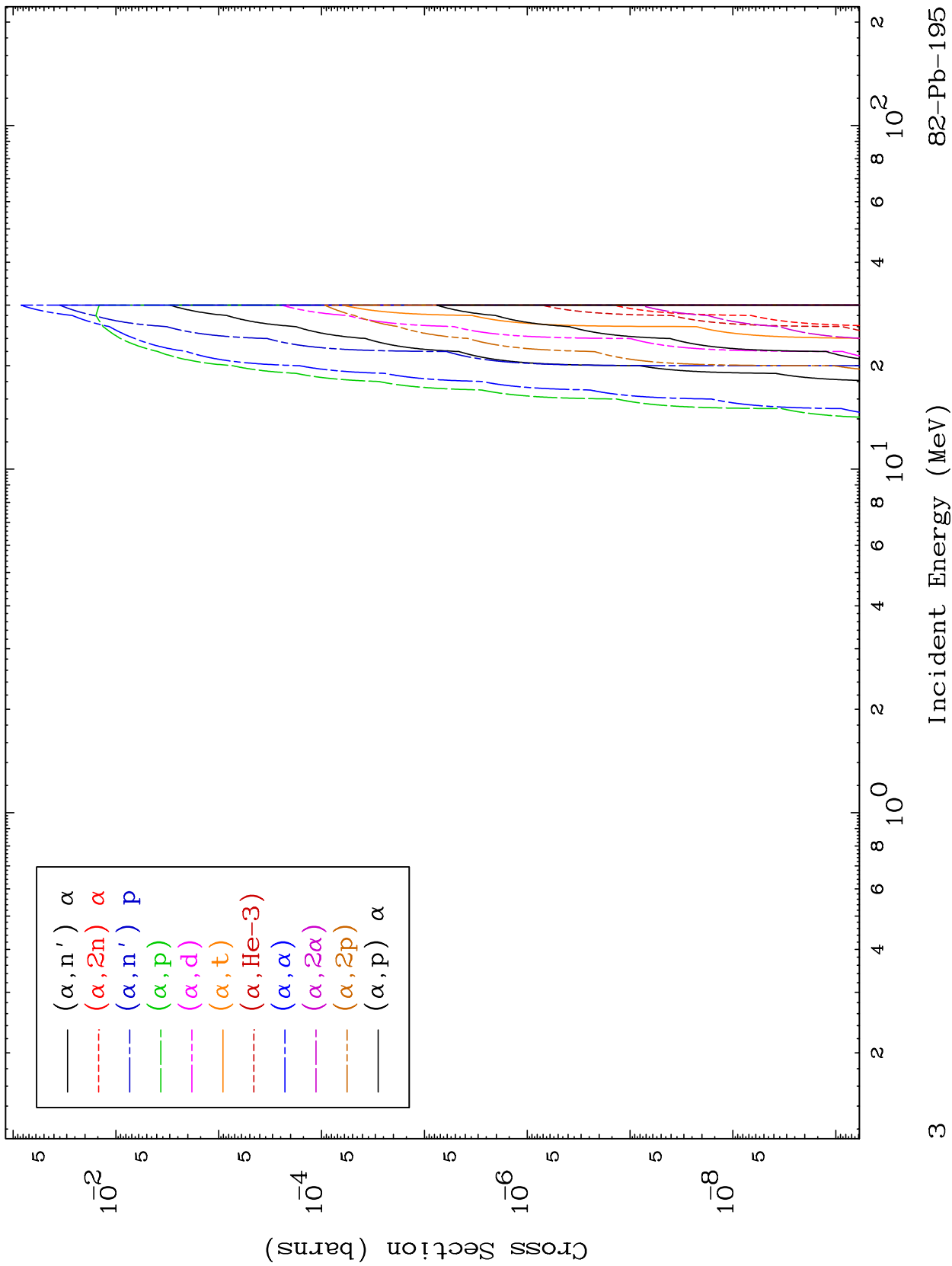
82-Pb-195



MAT 8198

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

82-Pb-195

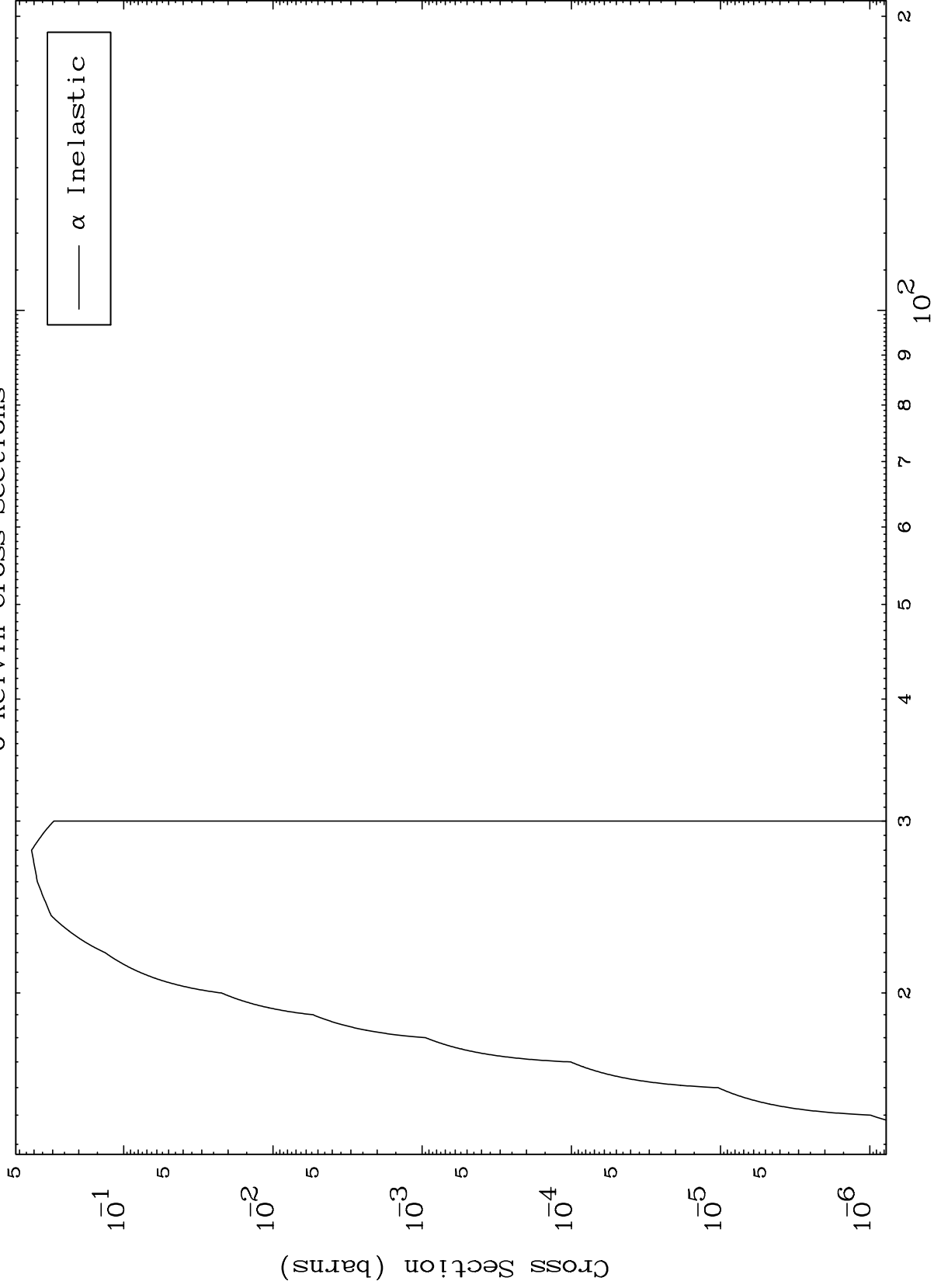


MAT 8198

( $\alpha, n'$ ) Level

82-Pb-195

0 Kelvin Cross Sections



4

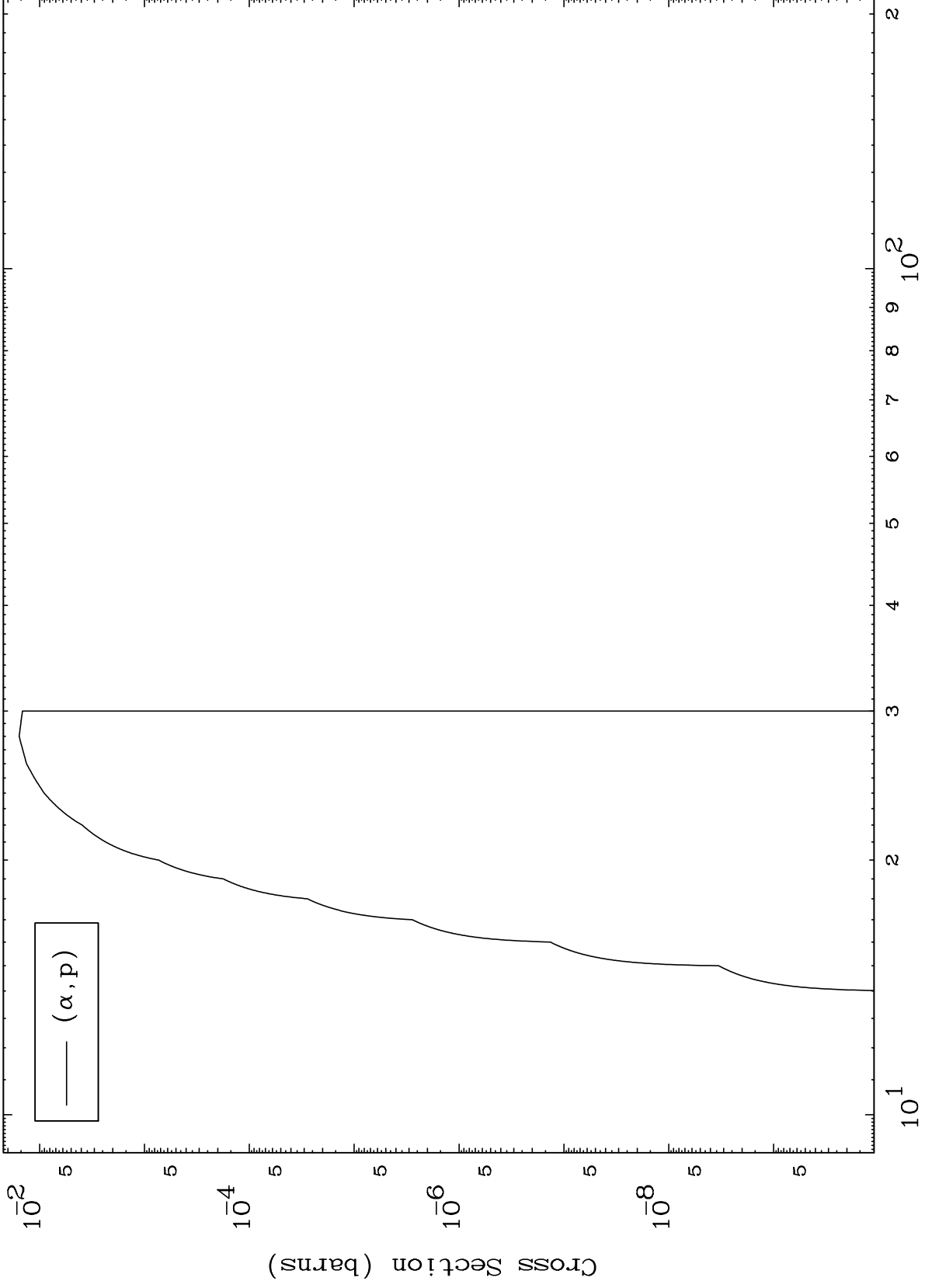
Incident Energy (MeV)

82-Pb-195

MAT 8198

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

82-Pb-195



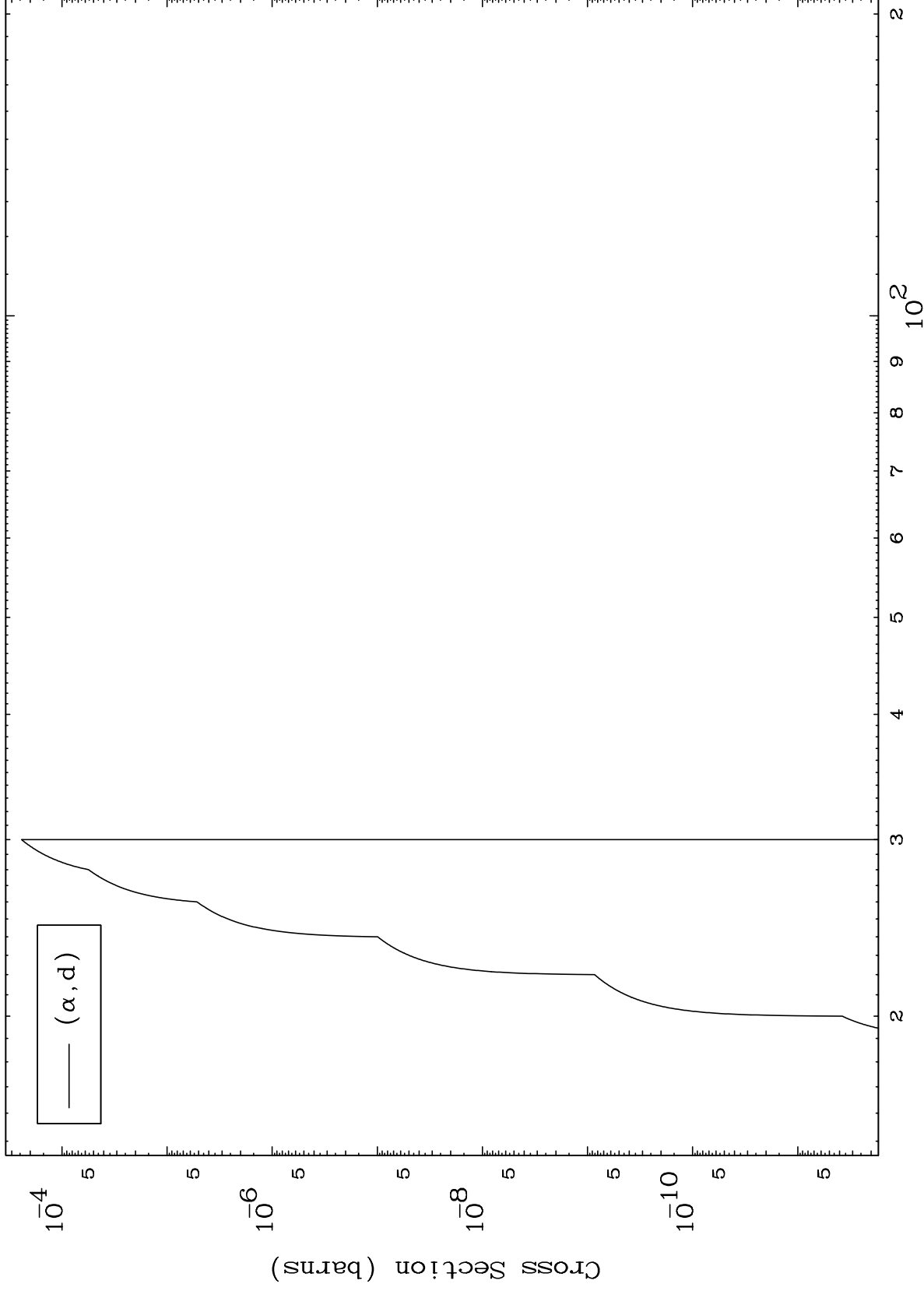
Incident Energy (MeV)

82-Pb-195

MAT 8198

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

82-Pb-195



6

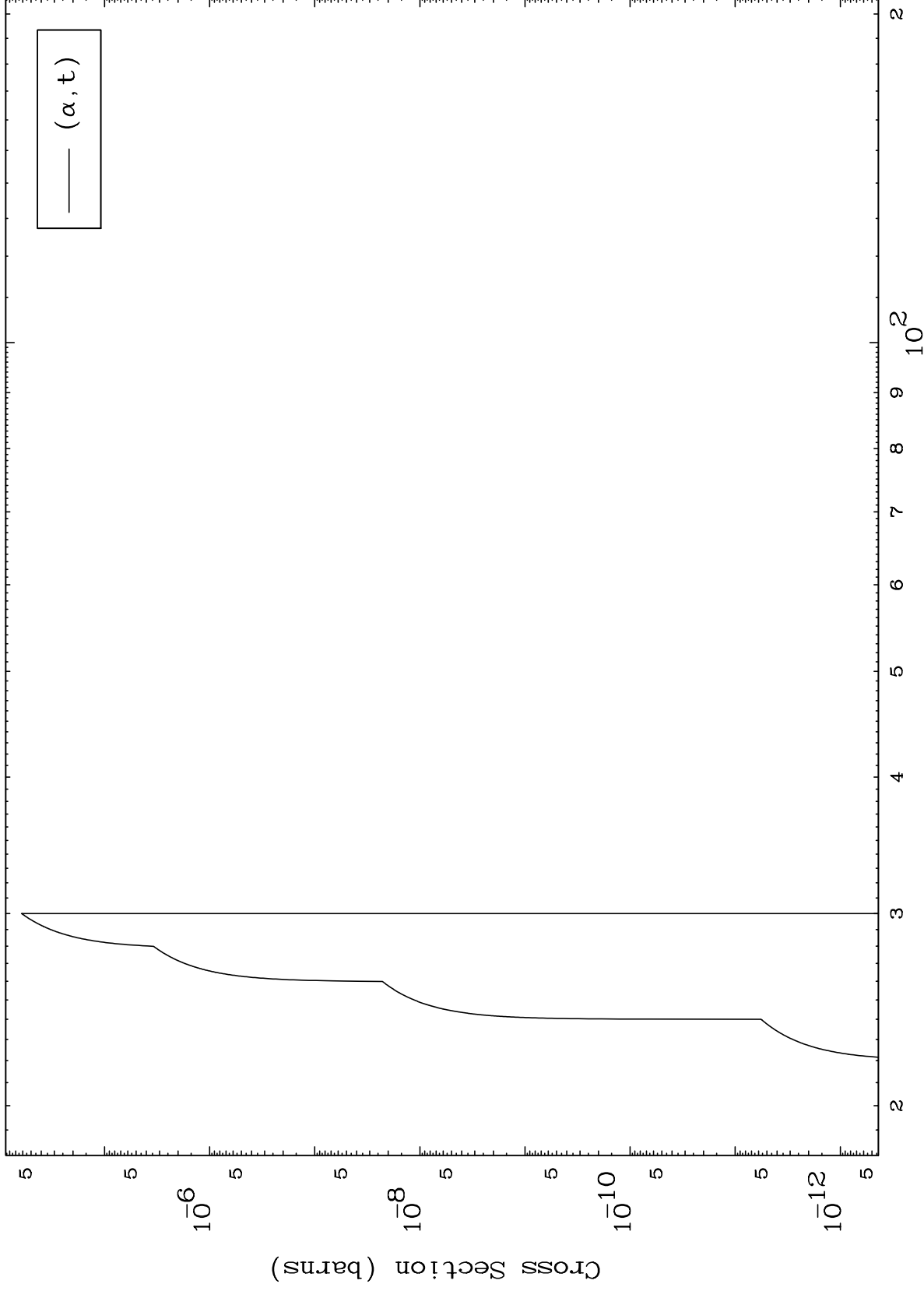
Incident Energy (MeV)

82-Pb-195

MAT 8198

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

82-Pb-195



7

Incident Energy (MeV)

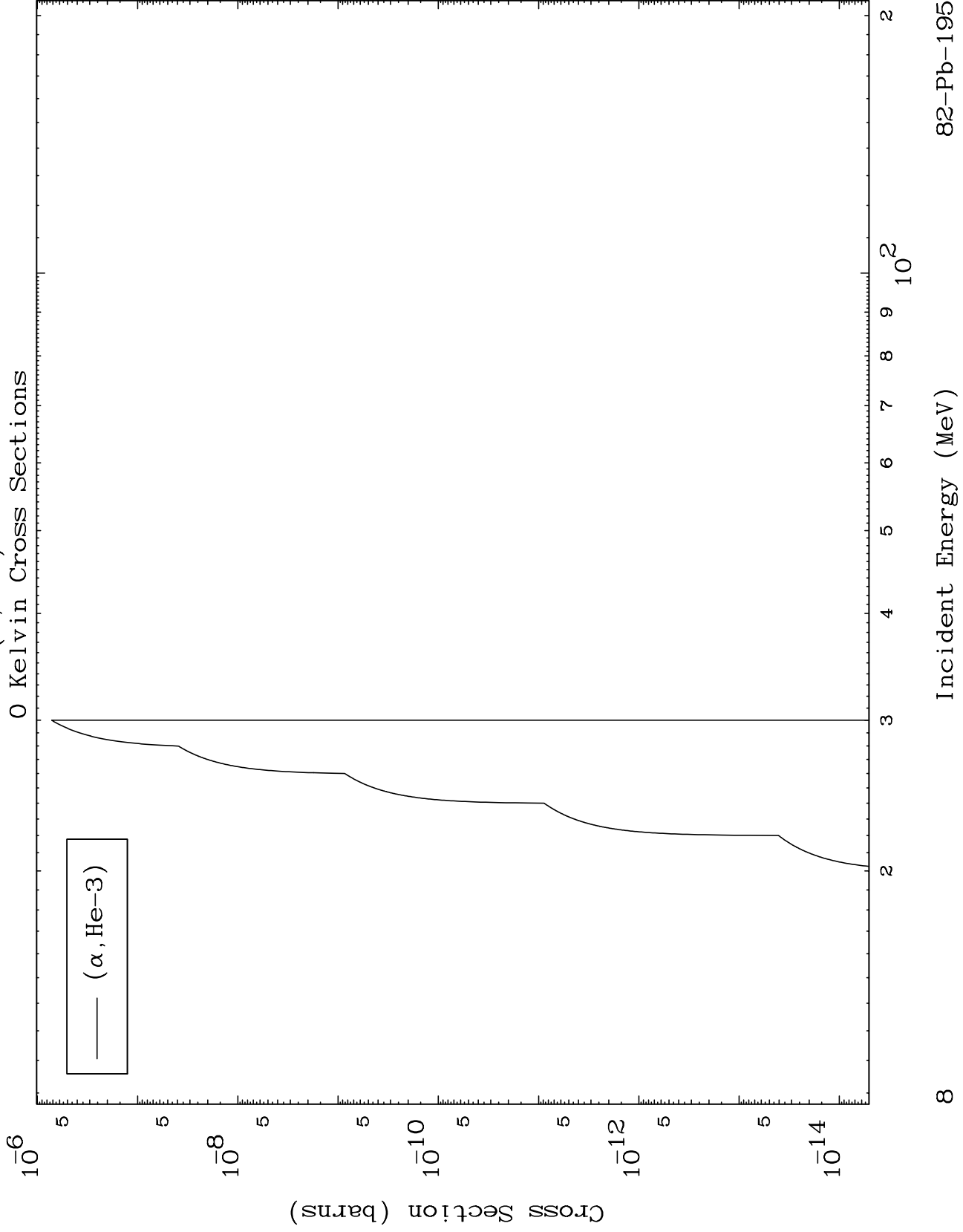
82-Pb-195



MAT 8198

( $\alpha$ , He3) Levels

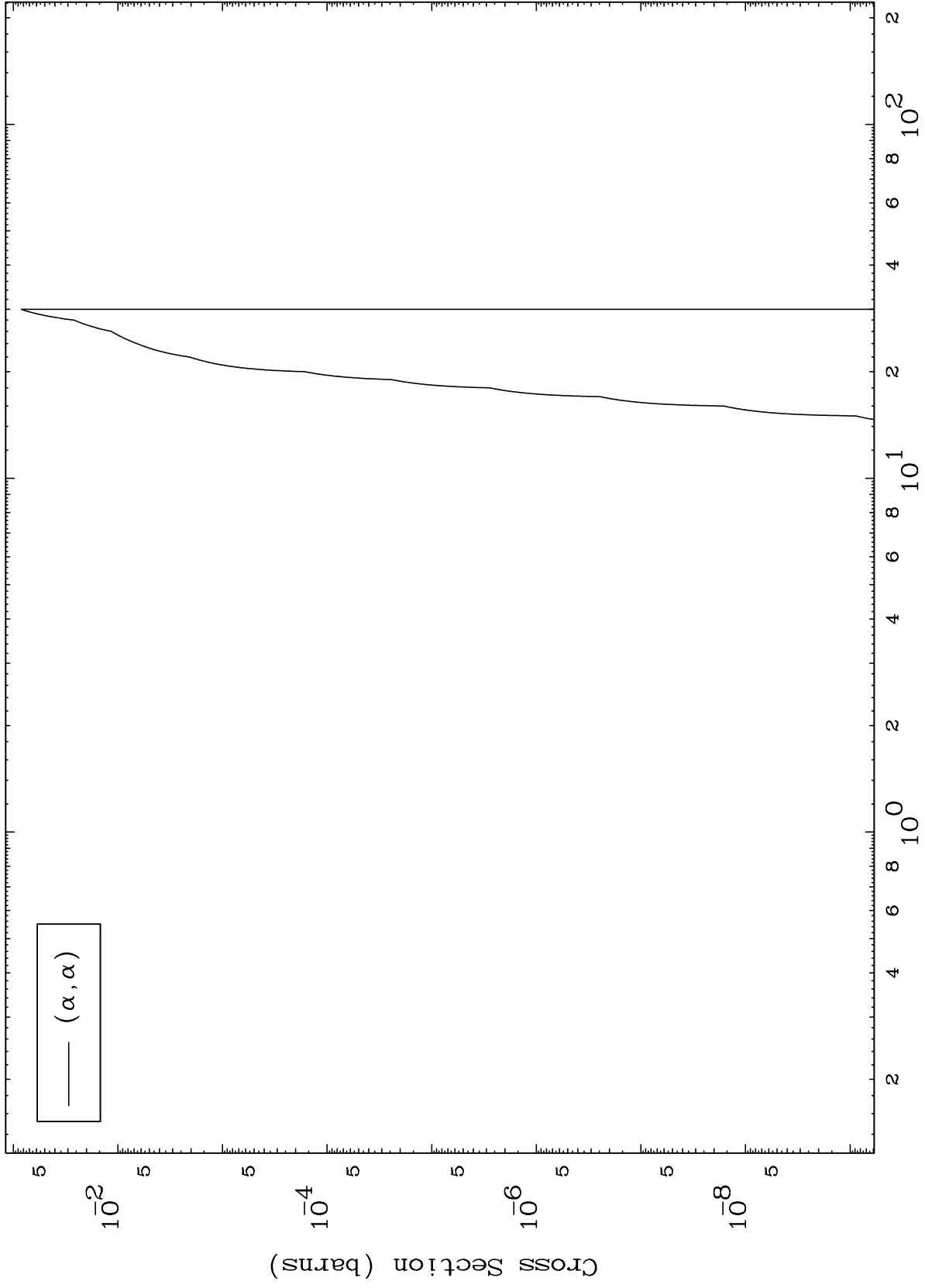
82-Pb-195



MAT 8198

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

82-Pb-195

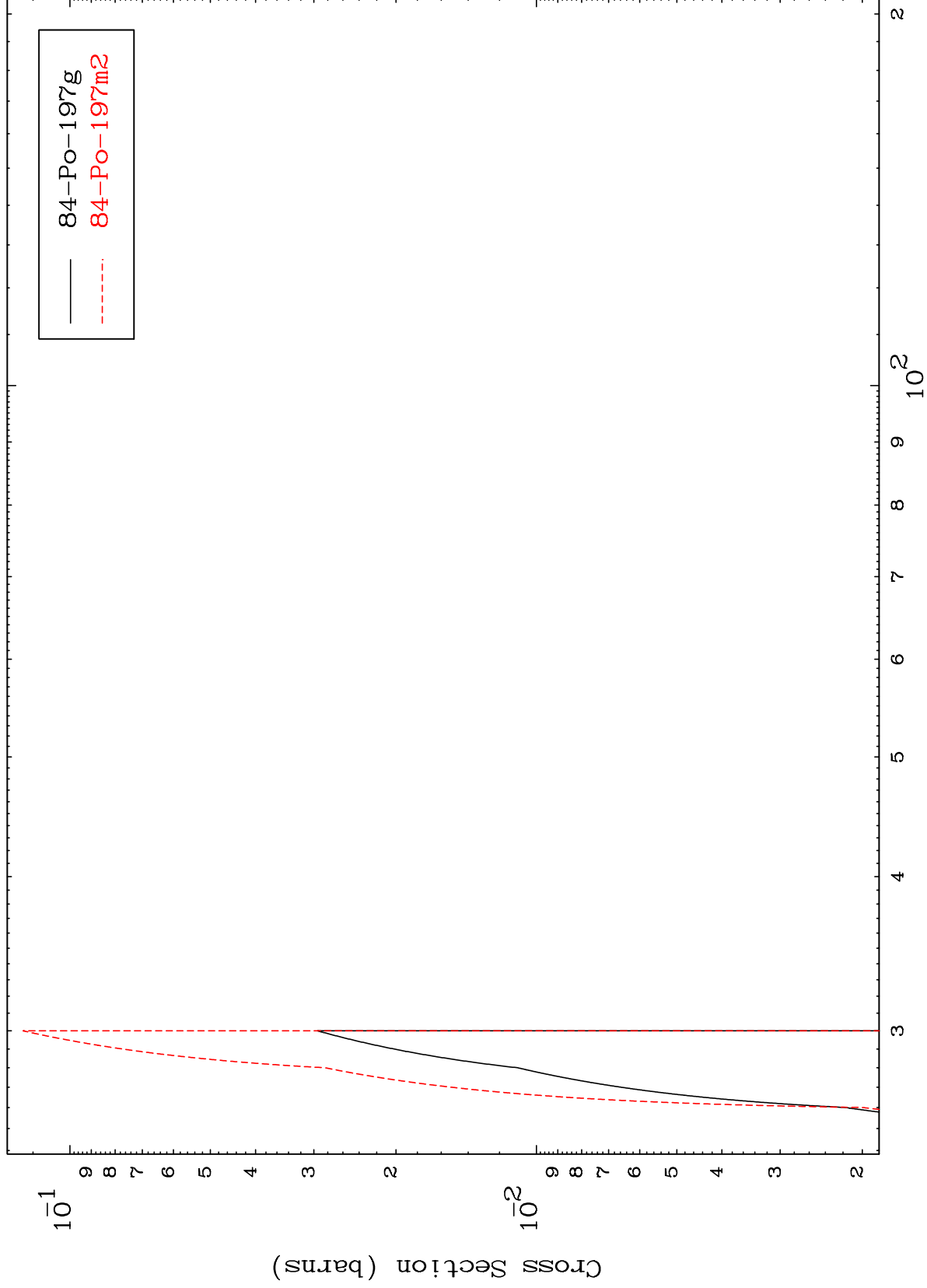


MAT 8198

( $\alpha, 2n$ )

82-Pb-195

Radionuclide Production Cross Section



10

Incident Energy (MeV)

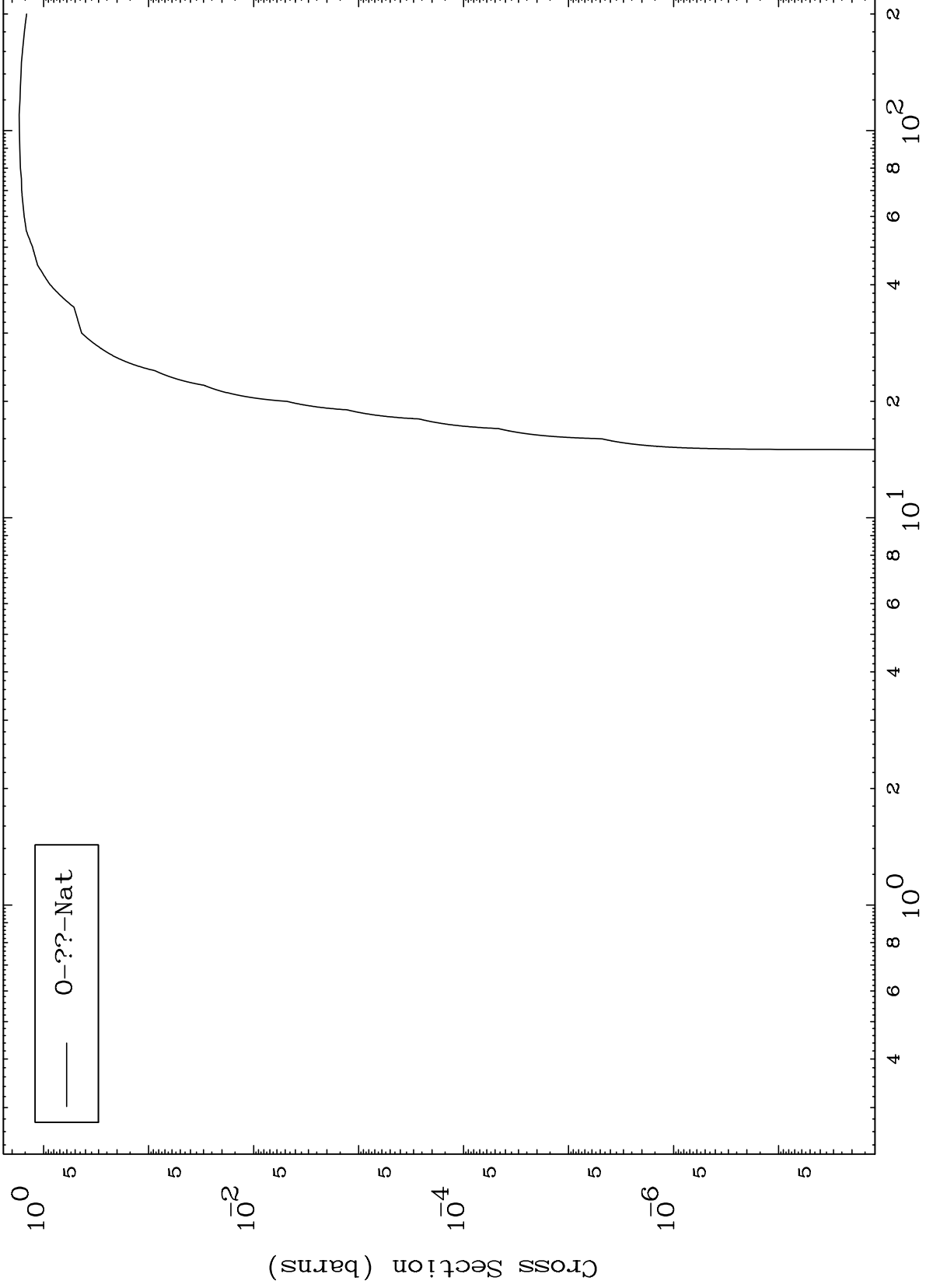
82-Pb-195

MAT 8198

82-Pb-195

$\alpha$  Fission

Radionuclide Production Cross Section

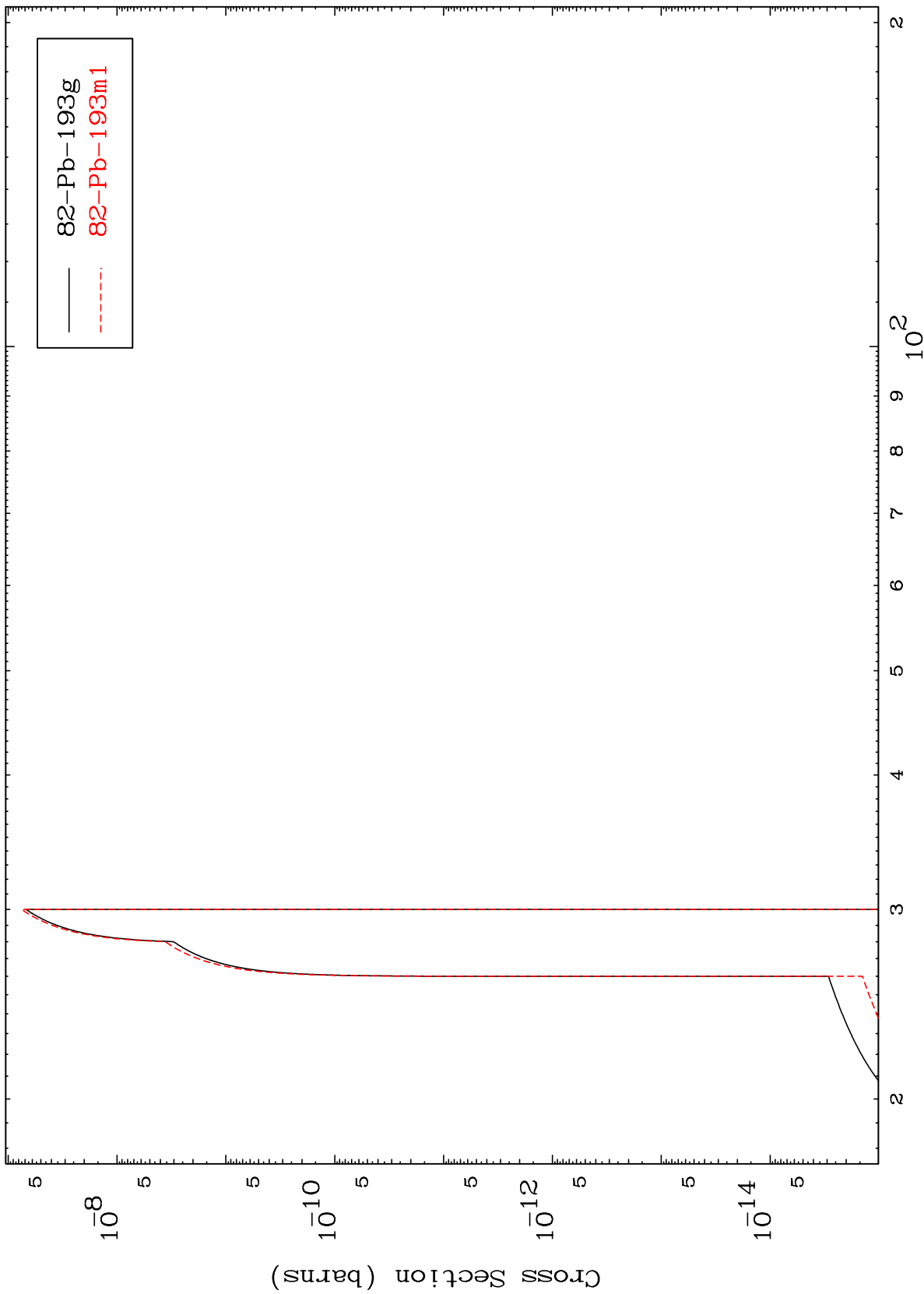


MAT 8198

$(\alpha, 2n) \alpha$

82-Pb-195

Radionuclide Production Cross Section

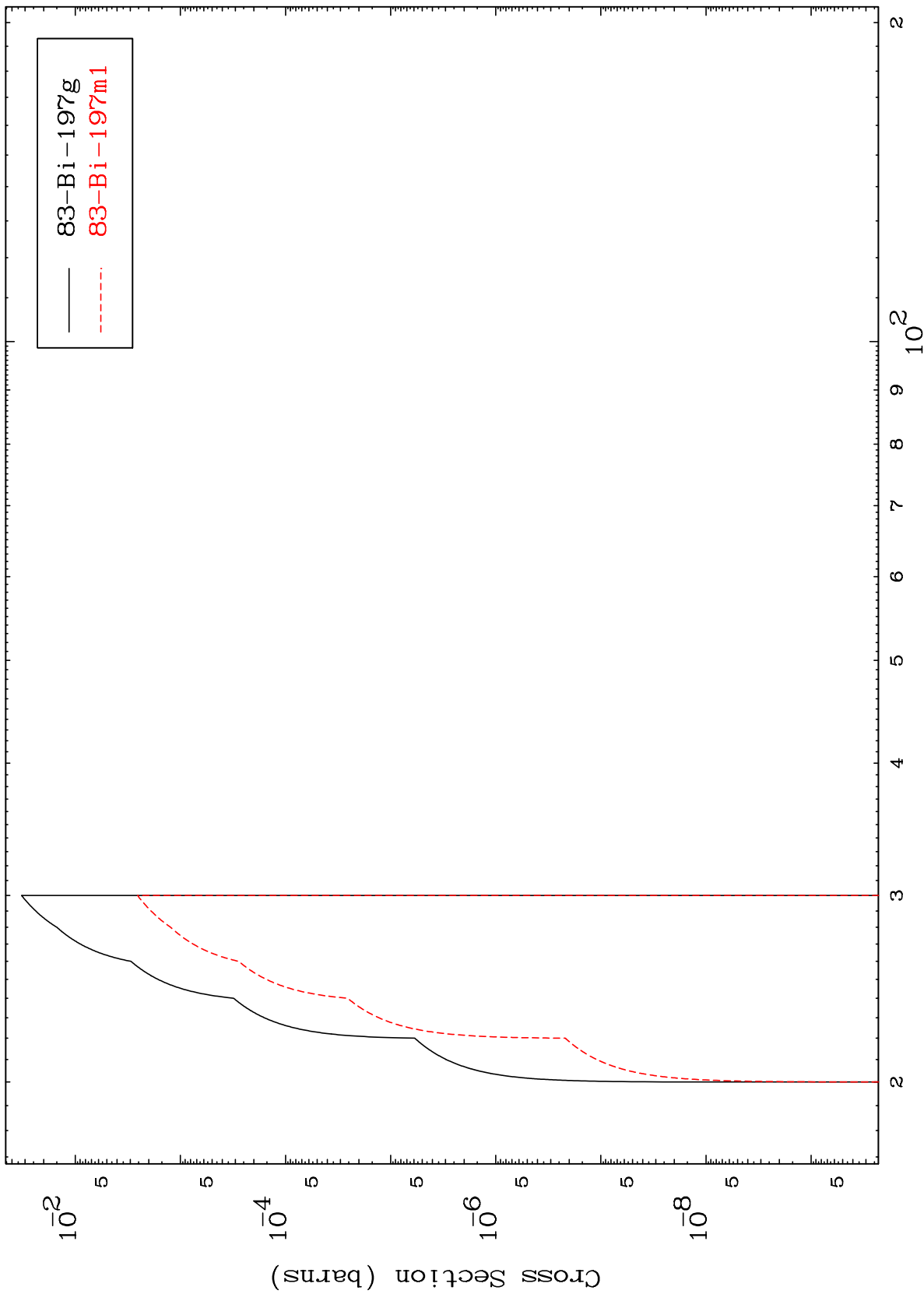


12

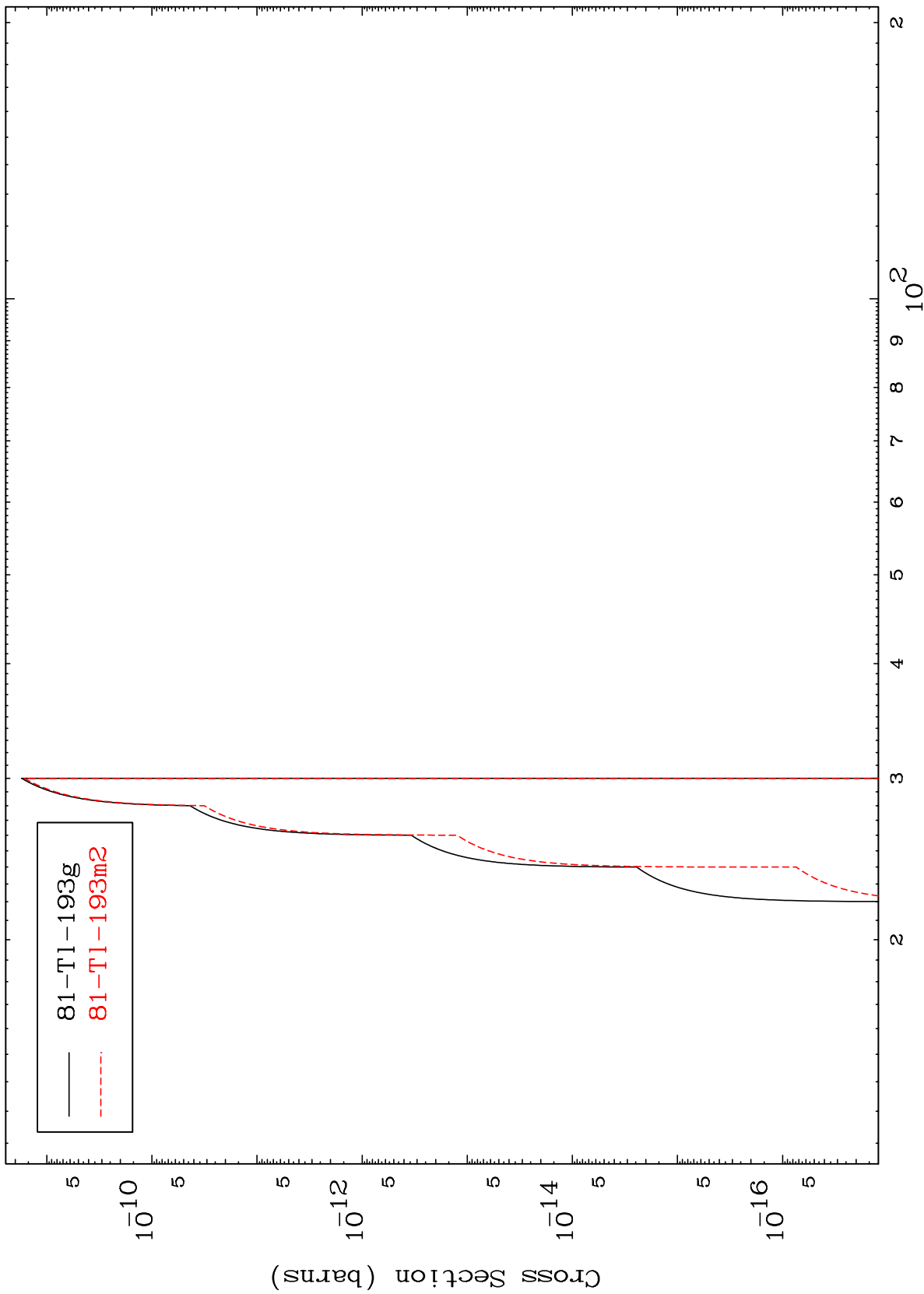
Incident Energy (MeV)

82-Pb-195

Radionuclide Production Cross Section



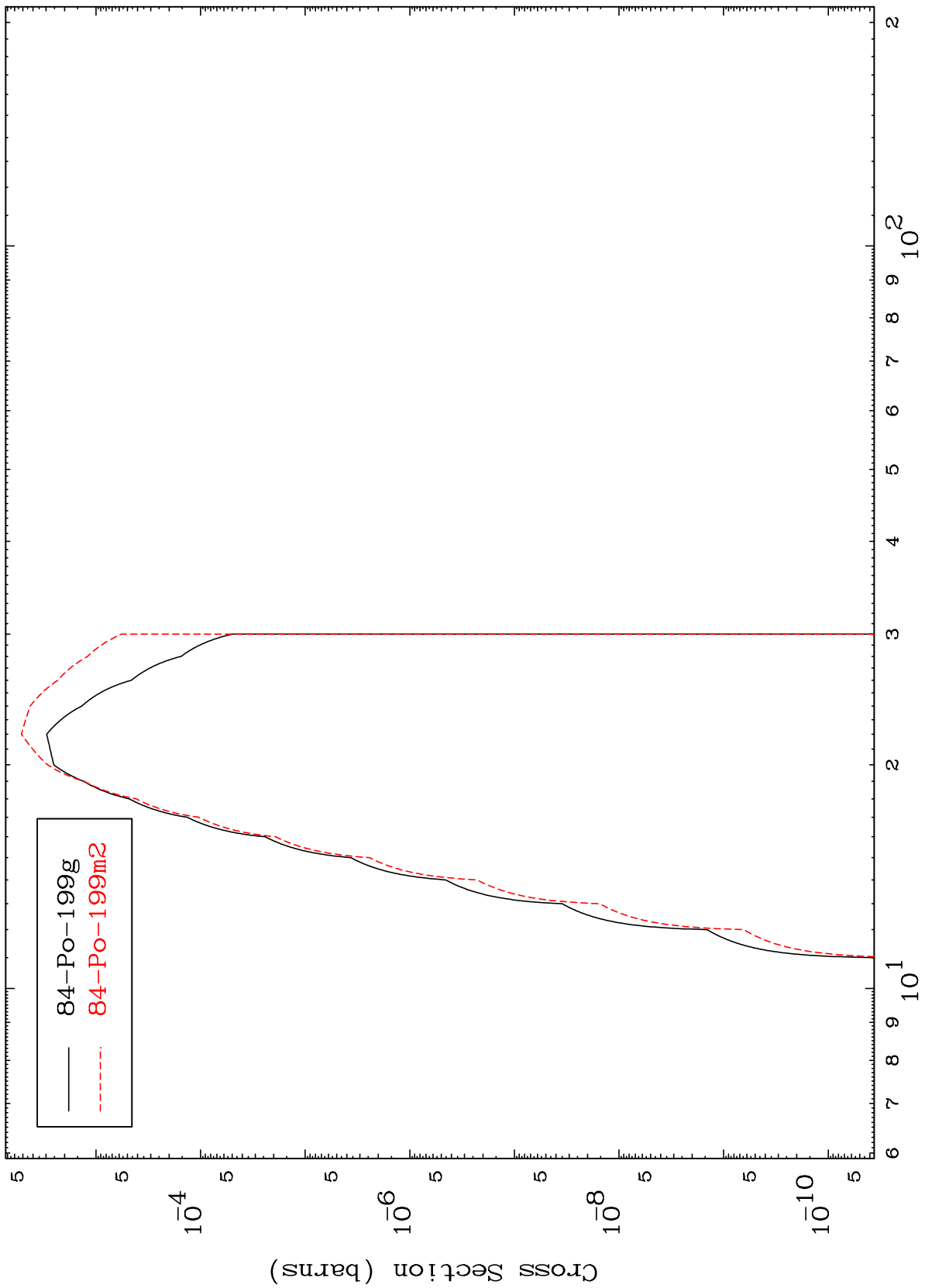
Radionuclide Production Cross Section



MAT 8198

82-Pb-195

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



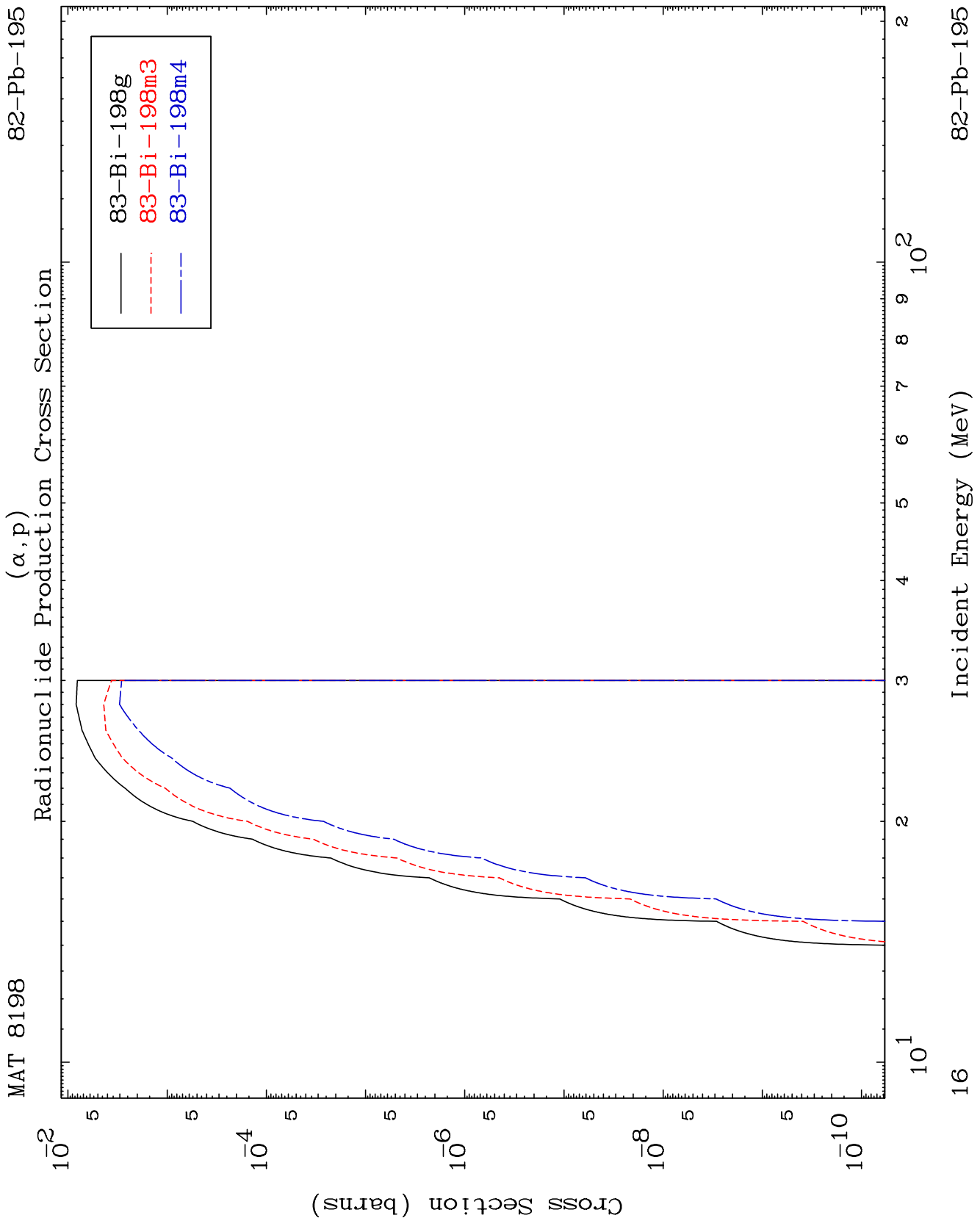
84-Po-199g  
84-Po-199m2

82-Pb-195

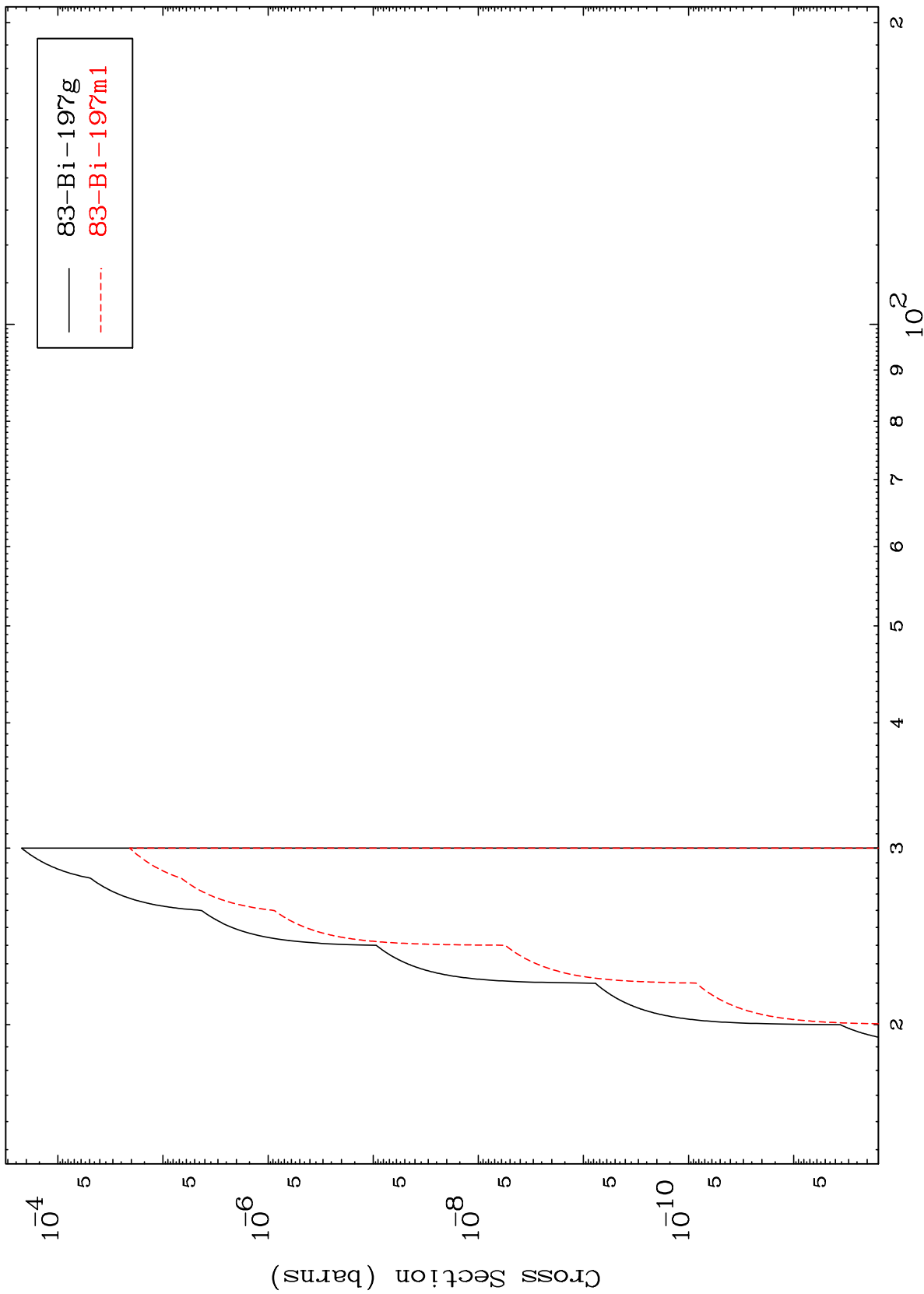
Incident Energy (MeV)

15





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

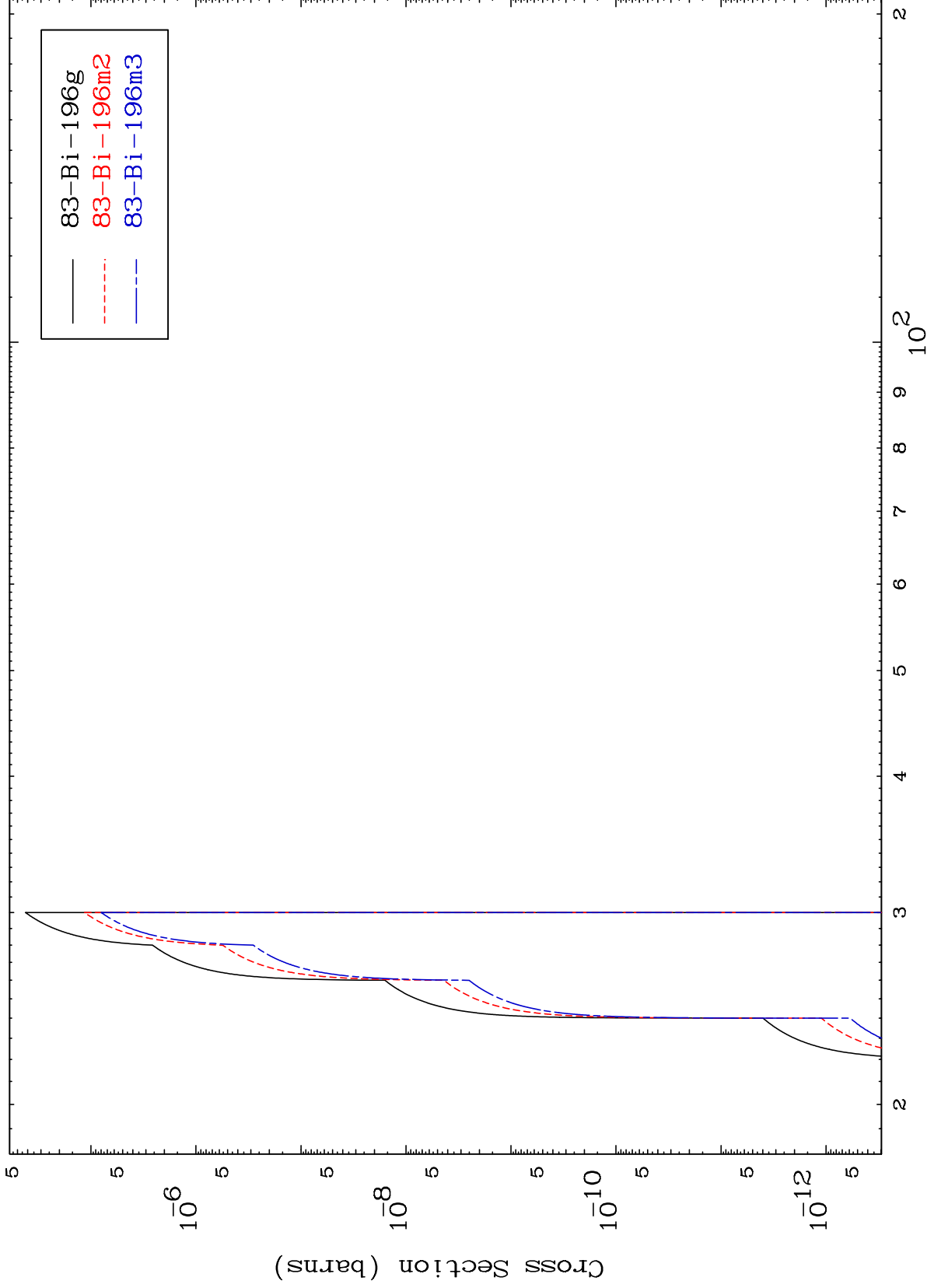


MAT 8198

( $\alpha, t$ )

82-Pb-195

Radionuclide Production Cross Section



18

Incident Energy (MeV)

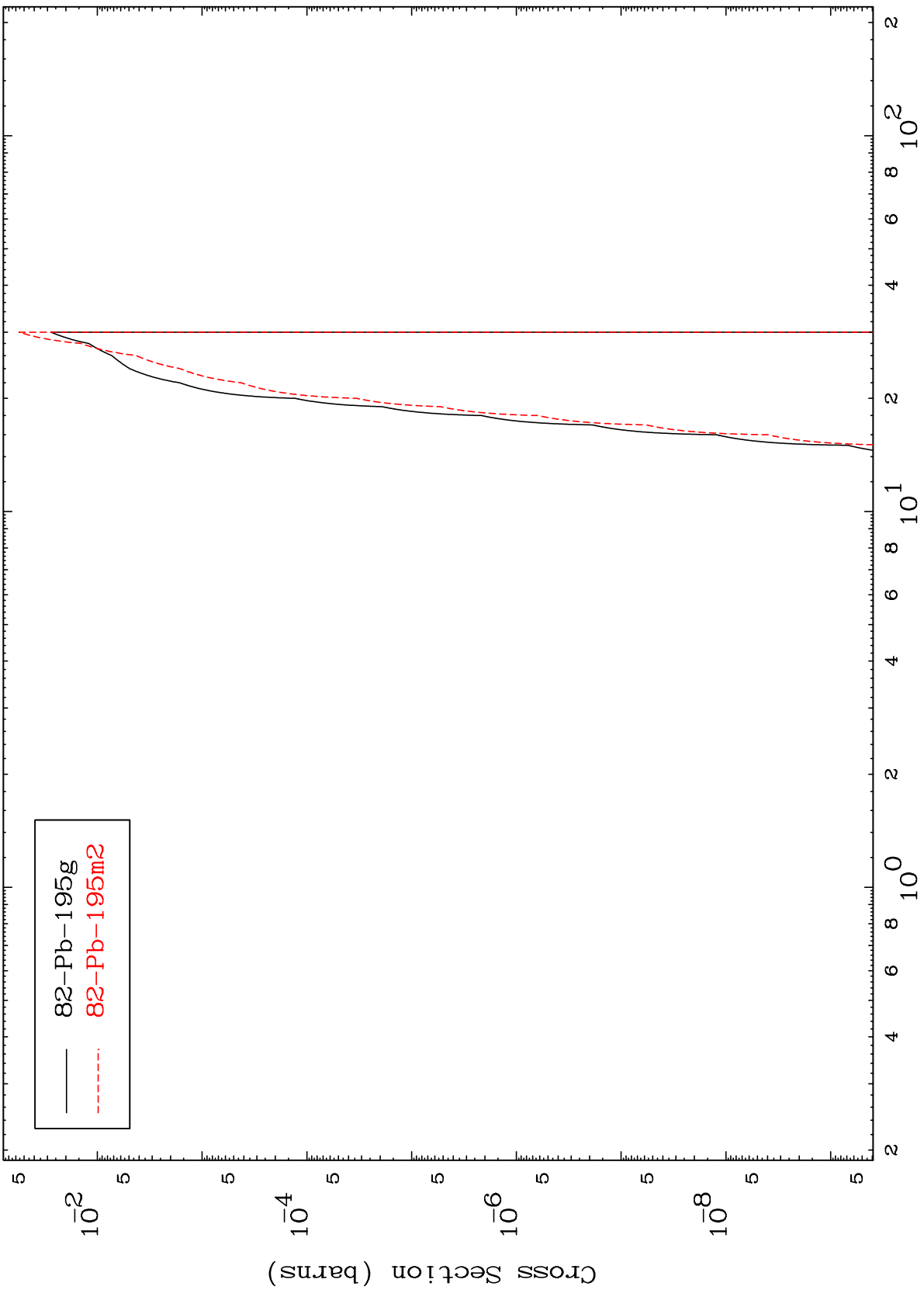
82-Pb-195

MAT 8198

( $\alpha, \alpha$ )

82-Pb-195

Radionuclide Production Cross Section



82-Pb-195g  
82-Pb-195m2

19

Incident Energy (MeV)

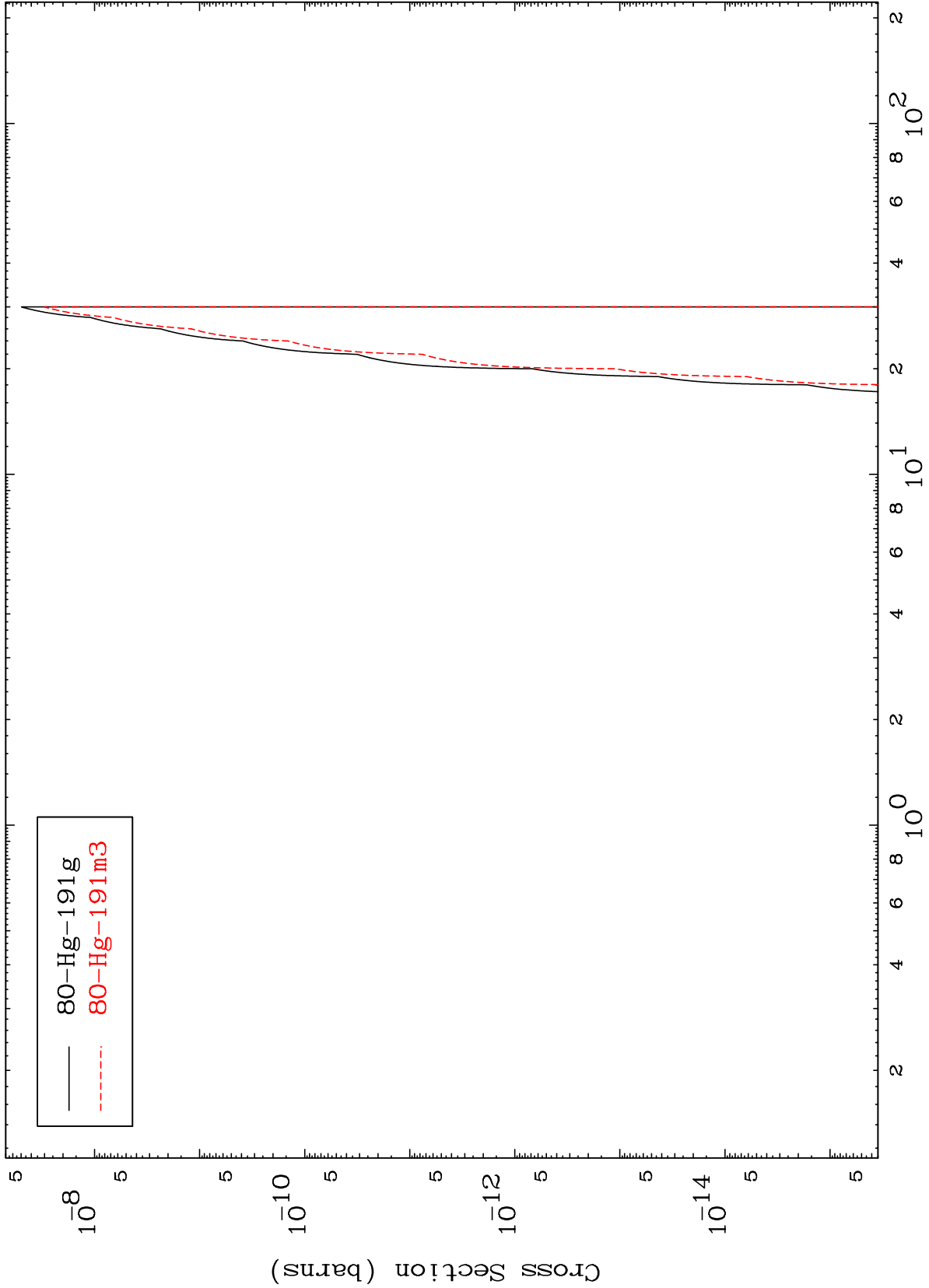
82-Pb-195

MAT 8198

( $\alpha, 2\alpha$ )

82-Pb-195

Radionuclide Production Cross Section



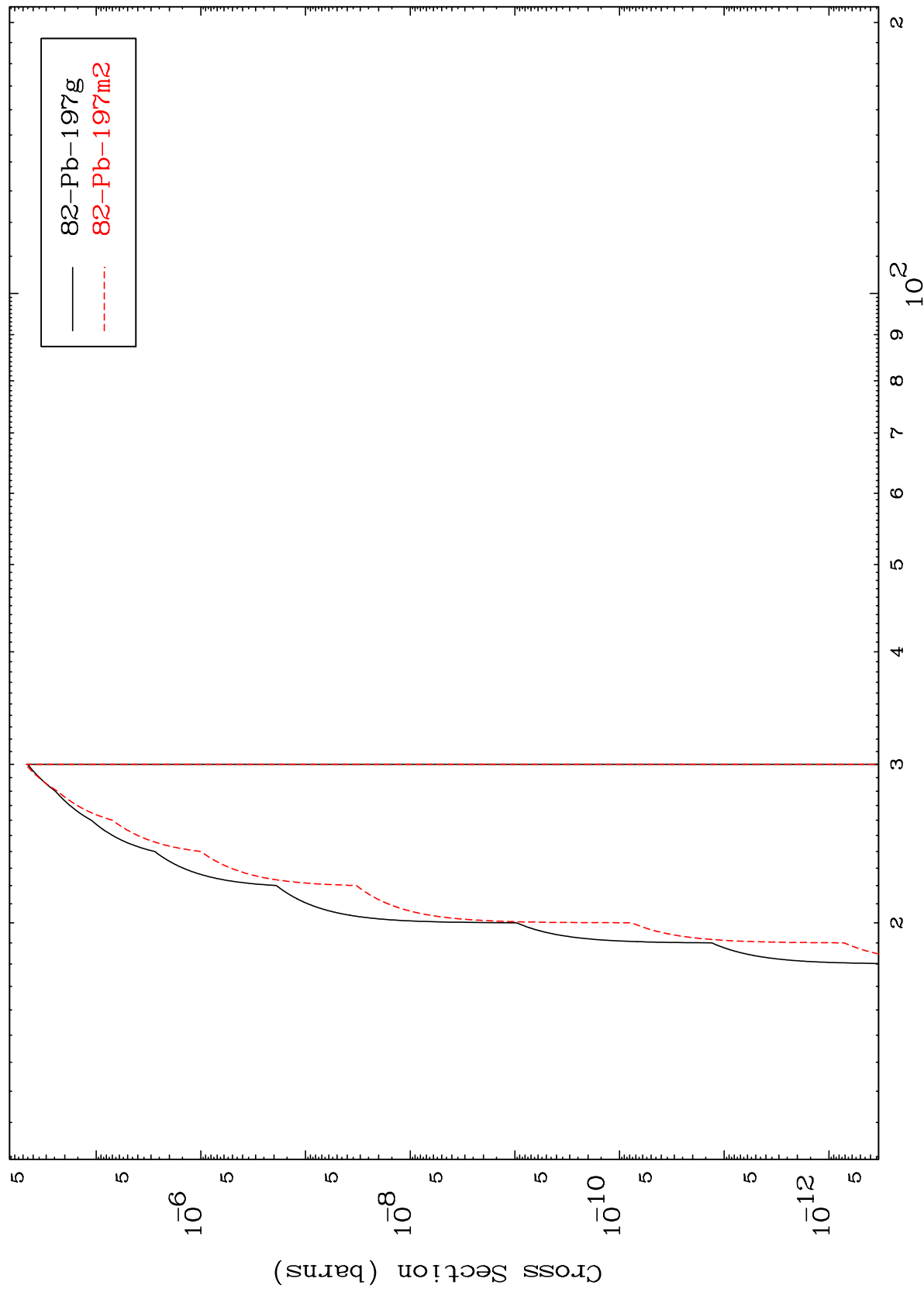
80-Hg-191g  
80-Hg-191m3

20

Incident Energy (MeV)

82-Pb-195

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

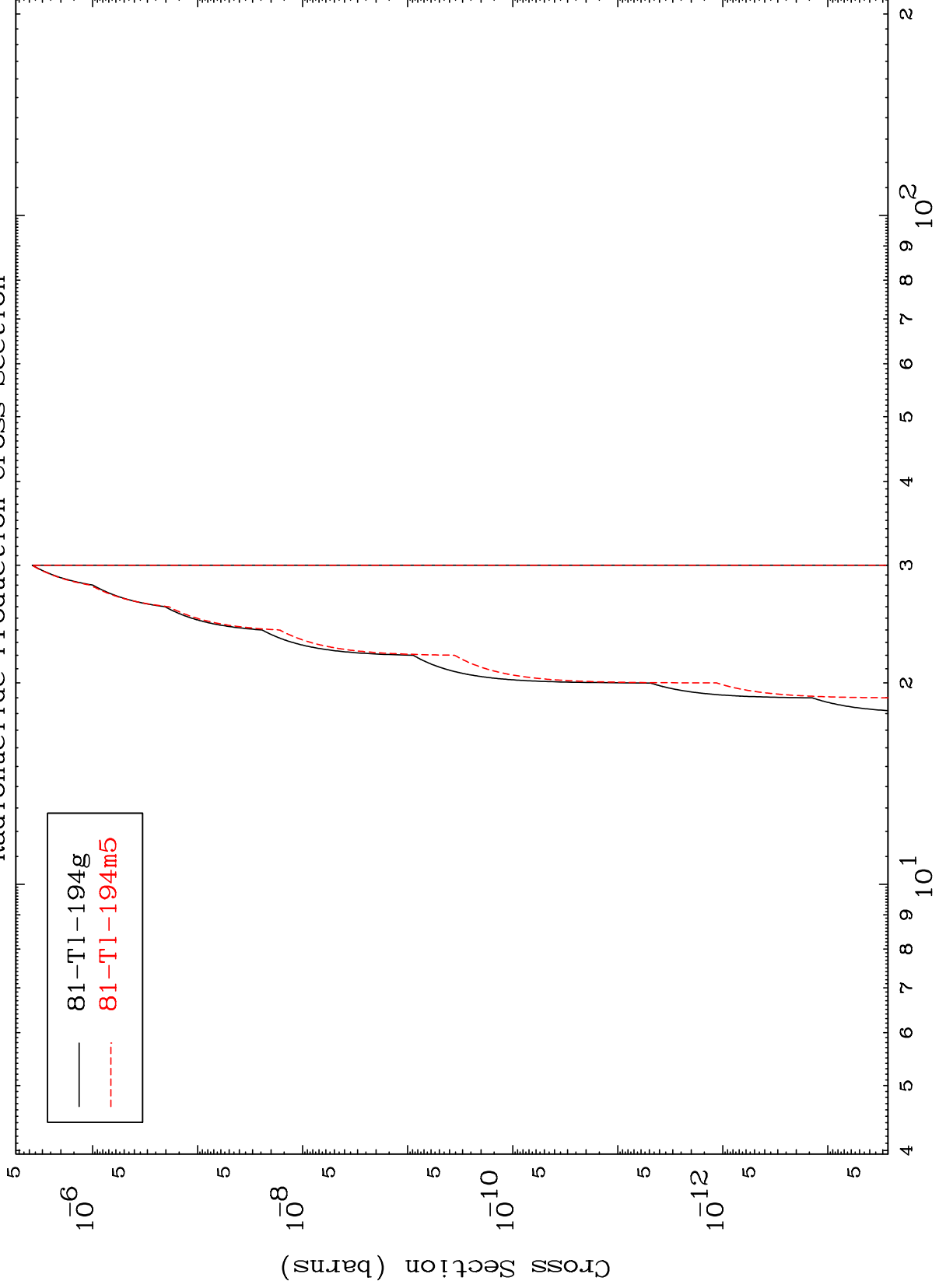


MAT 8198

( $\alpha, p$ )  $\alpha$

82-Pb-195

Radionuclide Production Cross Section



22

Incident Energy (MeV)

82-Pb-195