

Program EVALPLOT  
(Version 2018-1)

by

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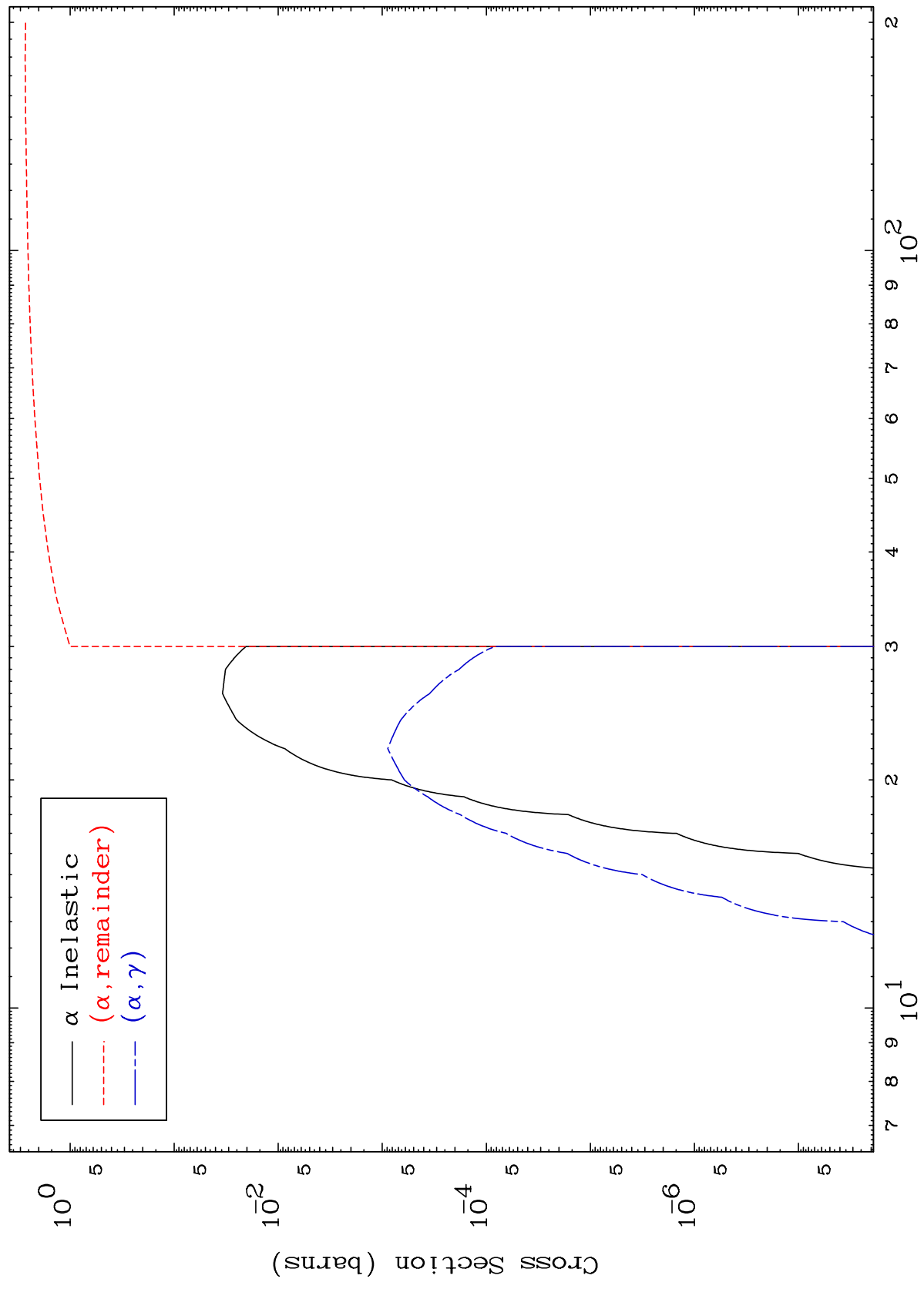
Press Mouse Button to Start

MAT 8187

0 Kelvin

$\alpha$  Major Cross Sections

82-Pb-191

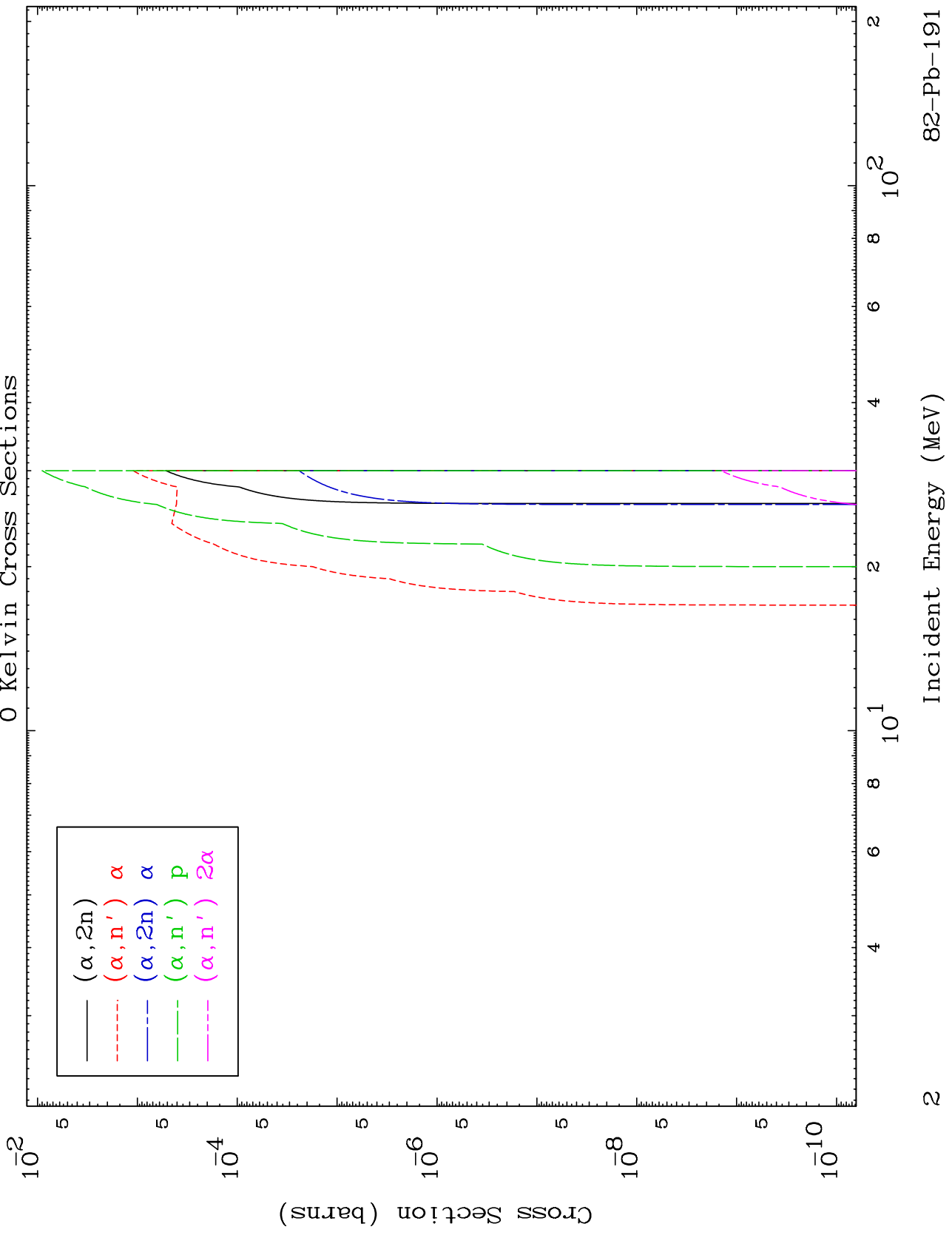


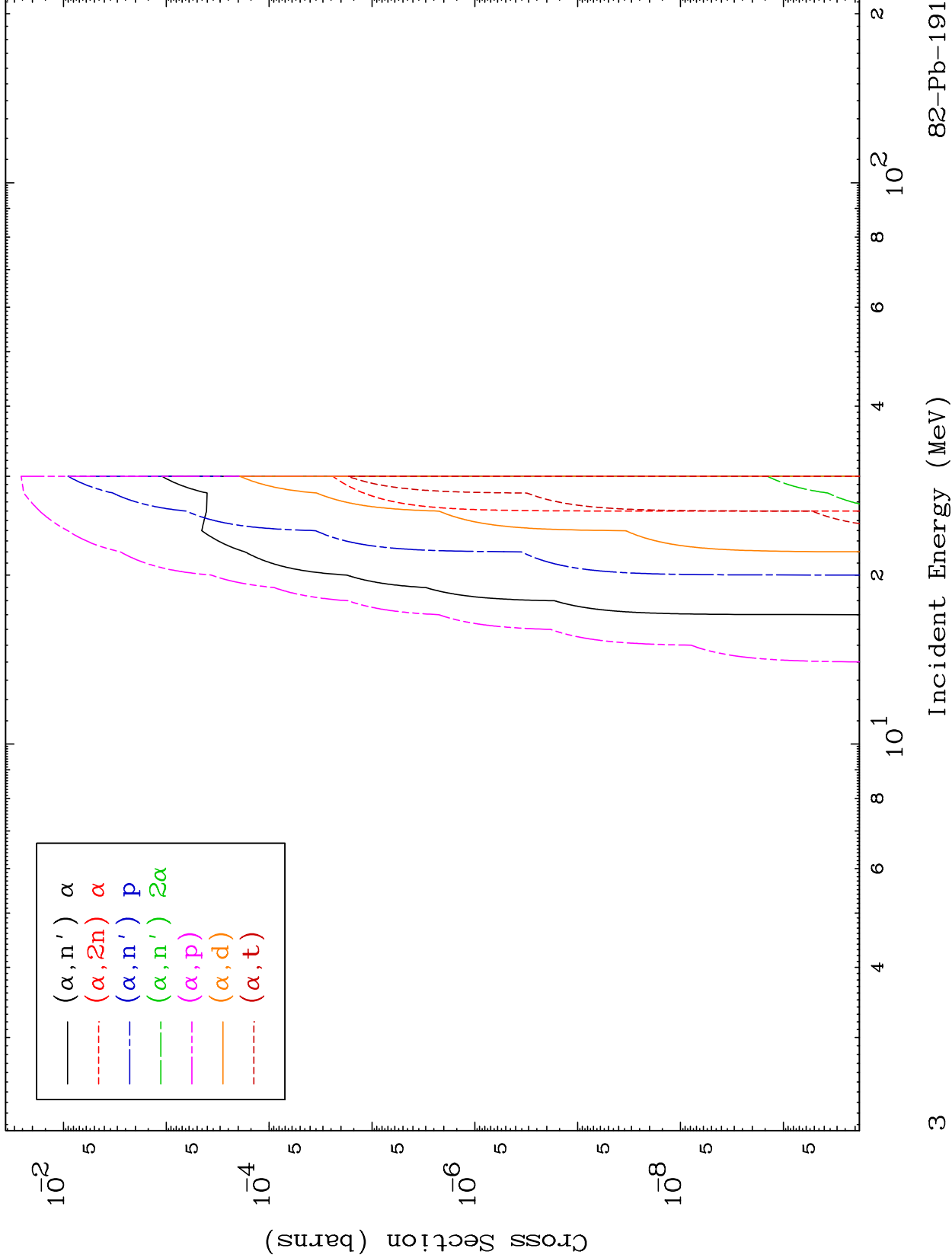
$\alpha$  Inelastic  
( $\alpha$ , remainder)  
( $\alpha$ ,  $\gamma$ )

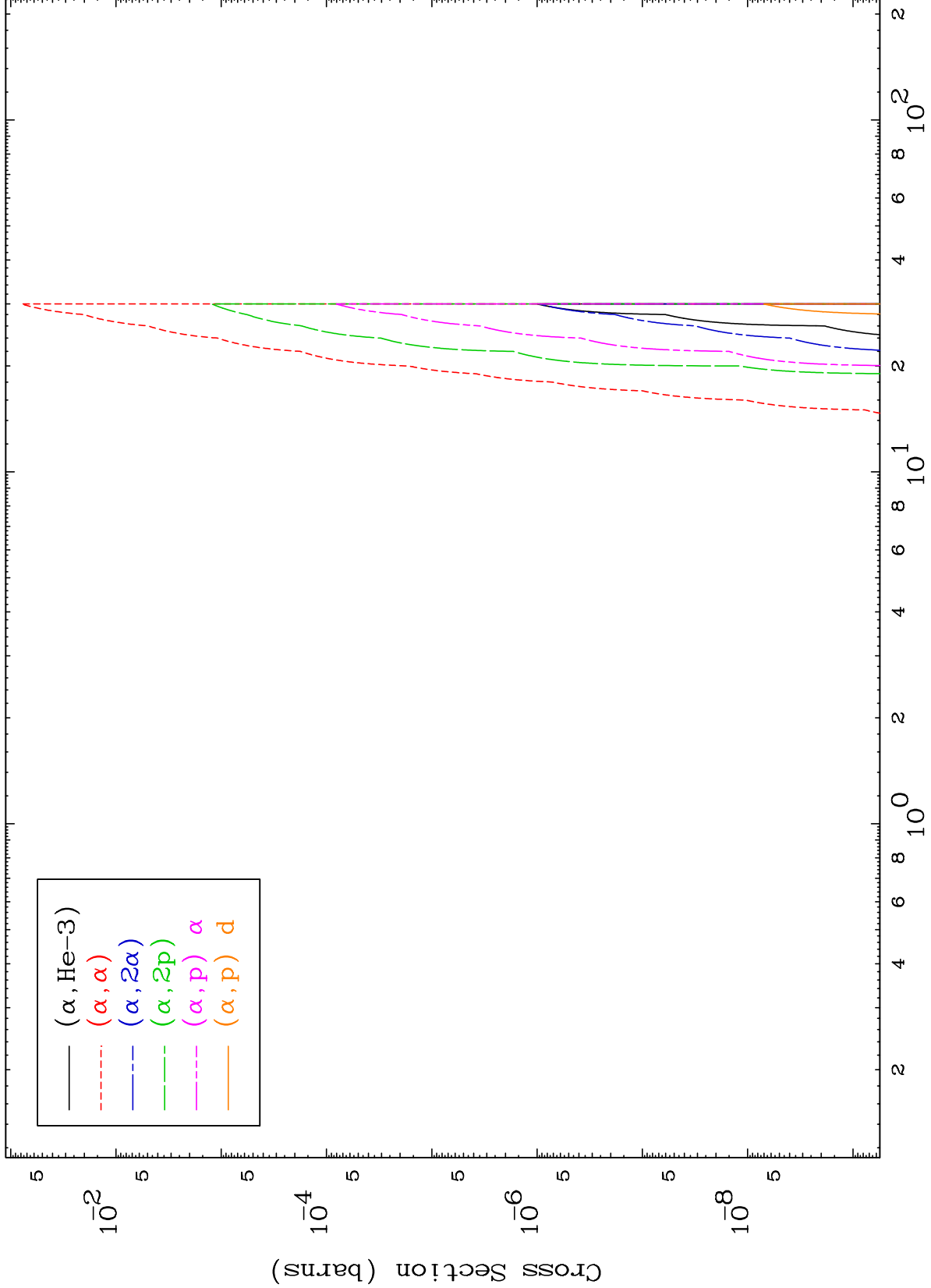
1

Incident Energy (MeV)

82-Pb-191





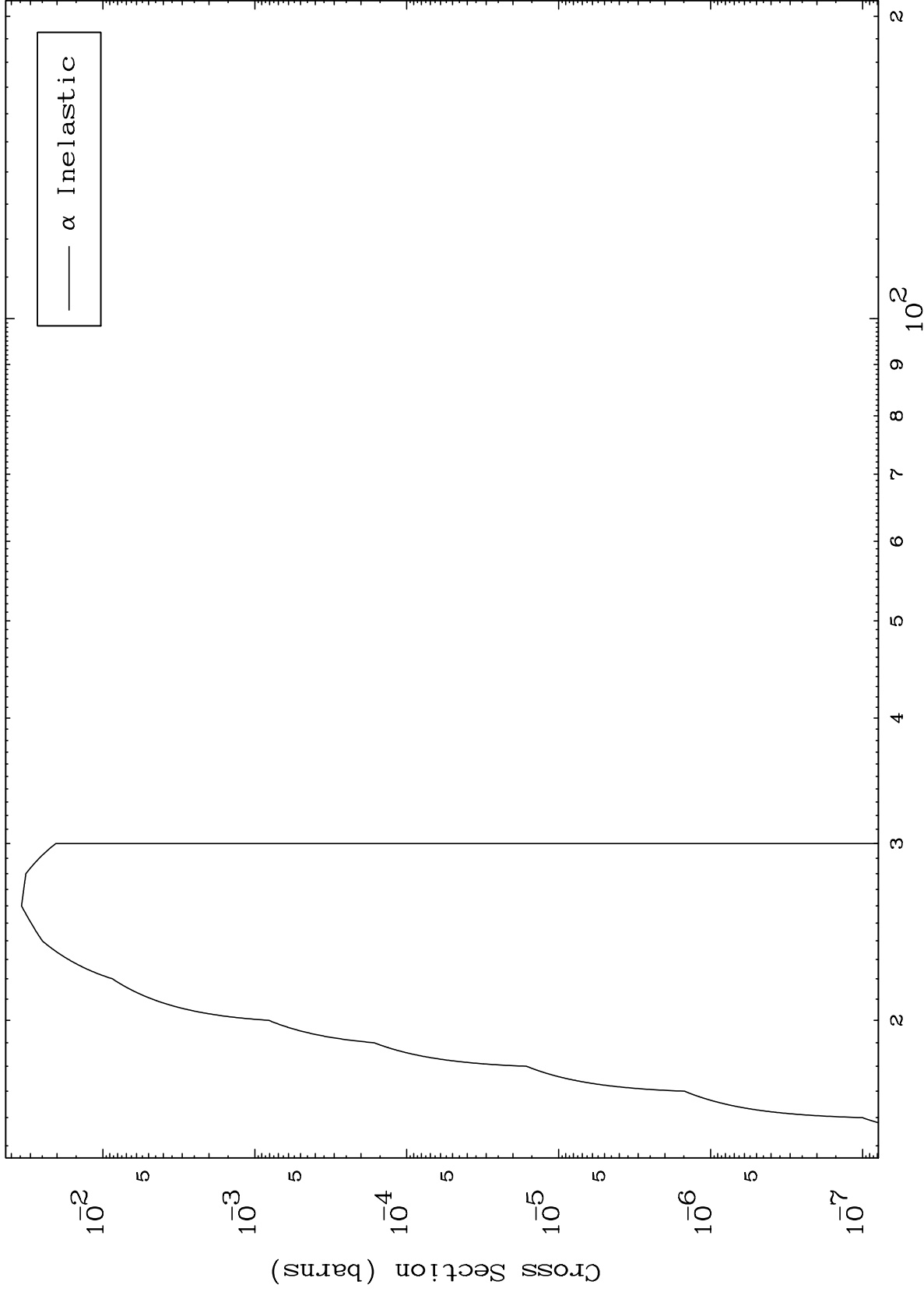


MAT 8187

( $\alpha, n'$ ) Level

82-Pb-191

0 Kelvin Cross Sections



5

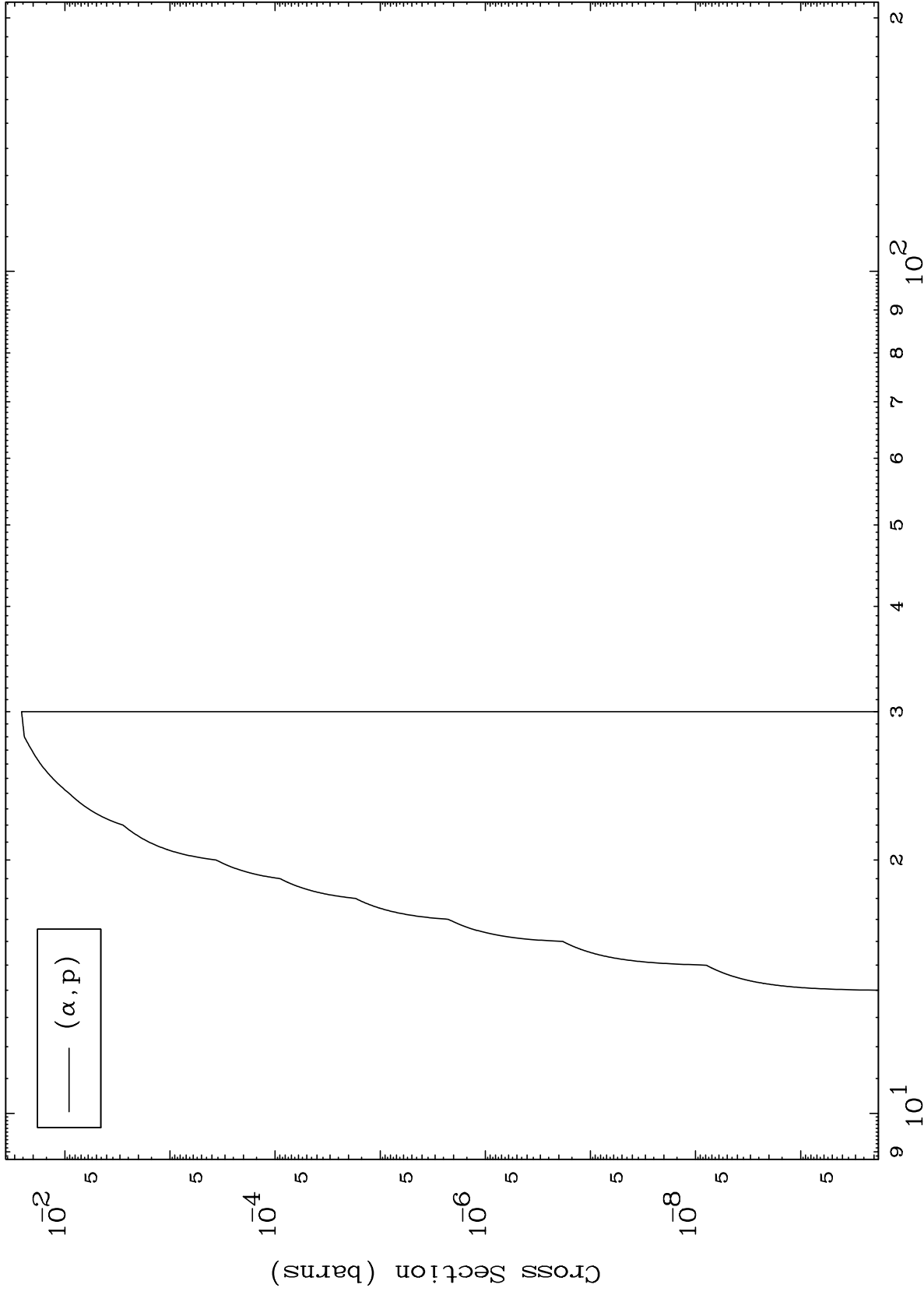
Incident Energy (MeV)

82-Pb-191

MAT 8187

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

82-Pb-191



82-Pb-191

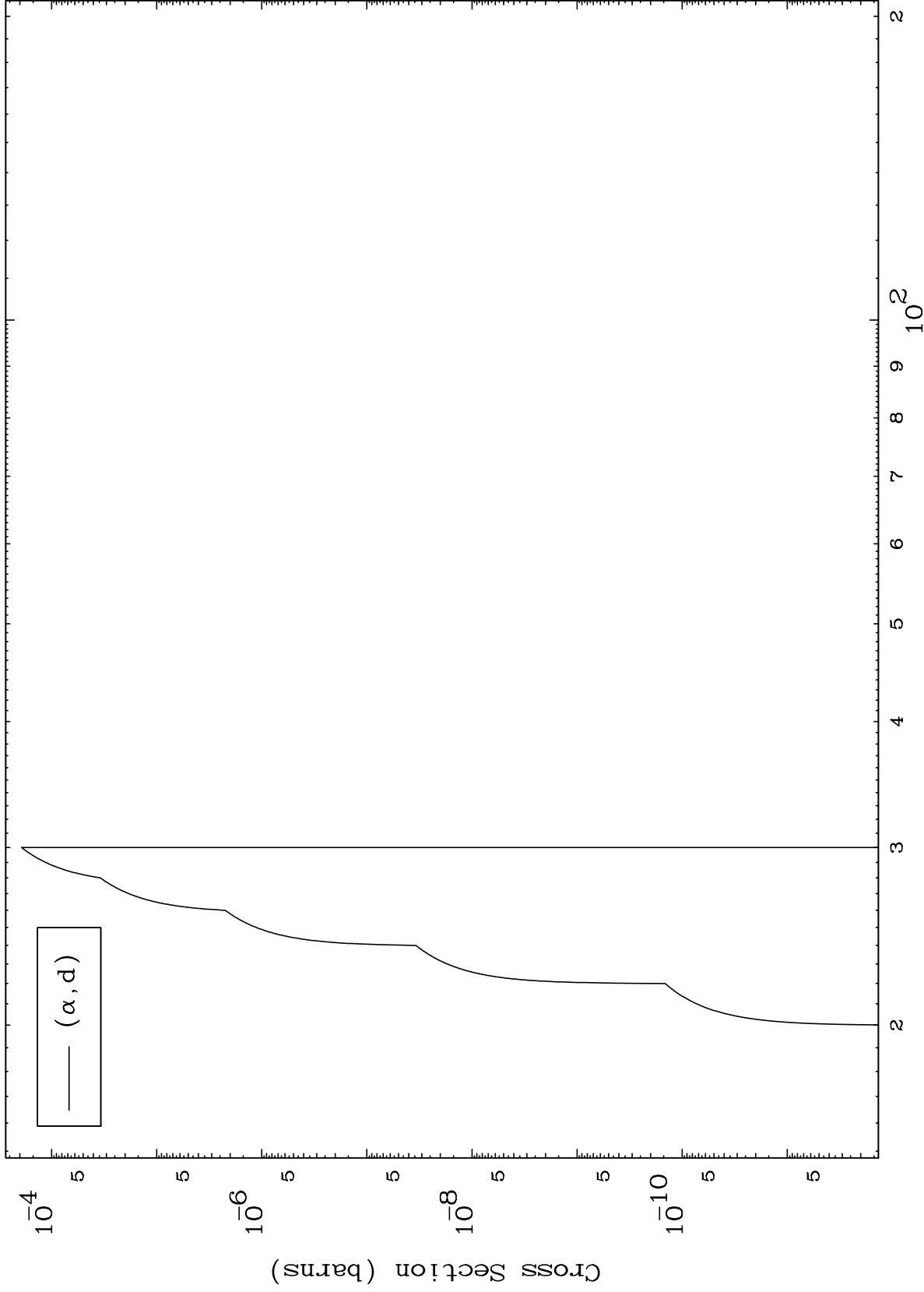
Incident Energy (MeV)

6

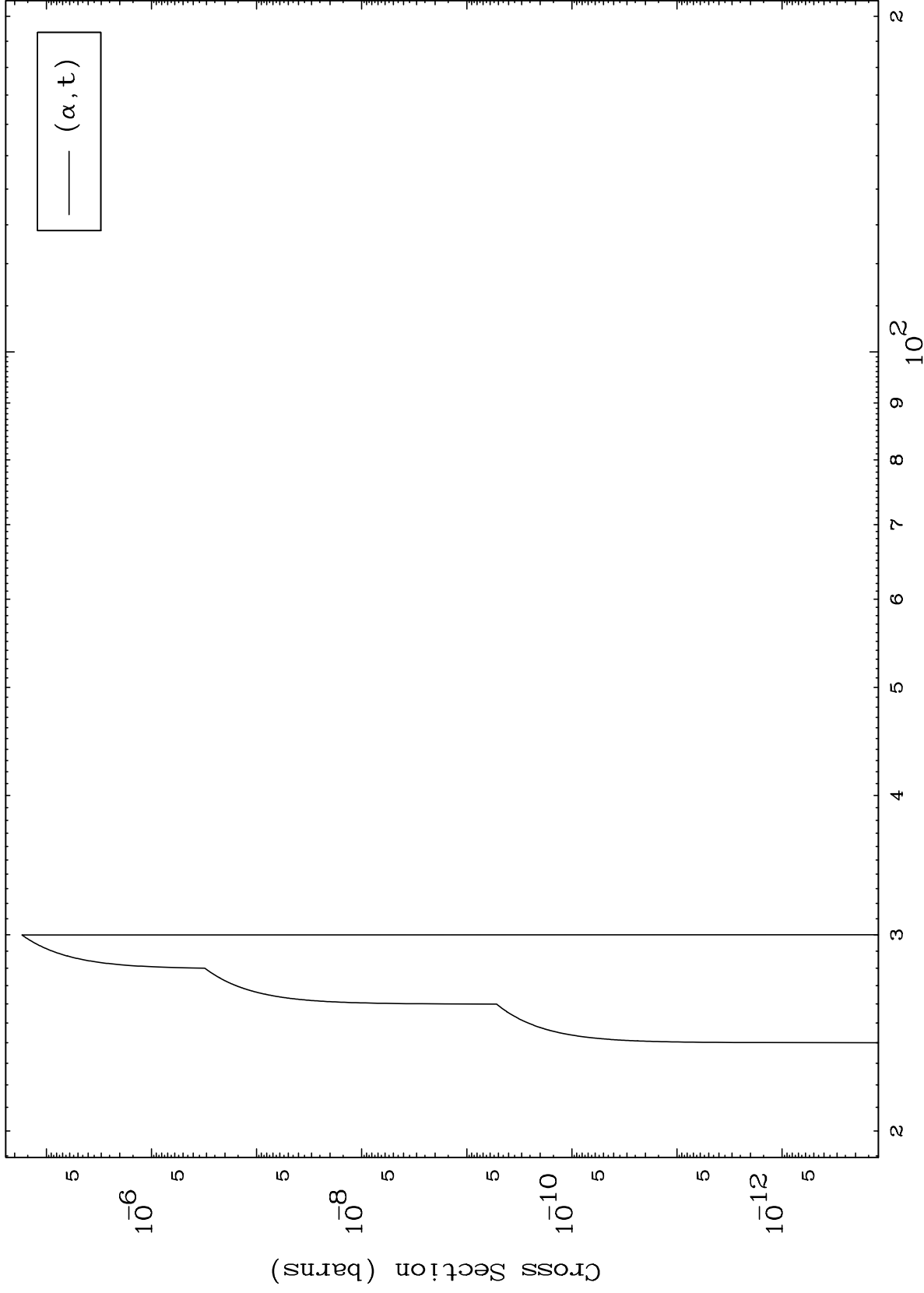
MAT 8187

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

82-Pb-191



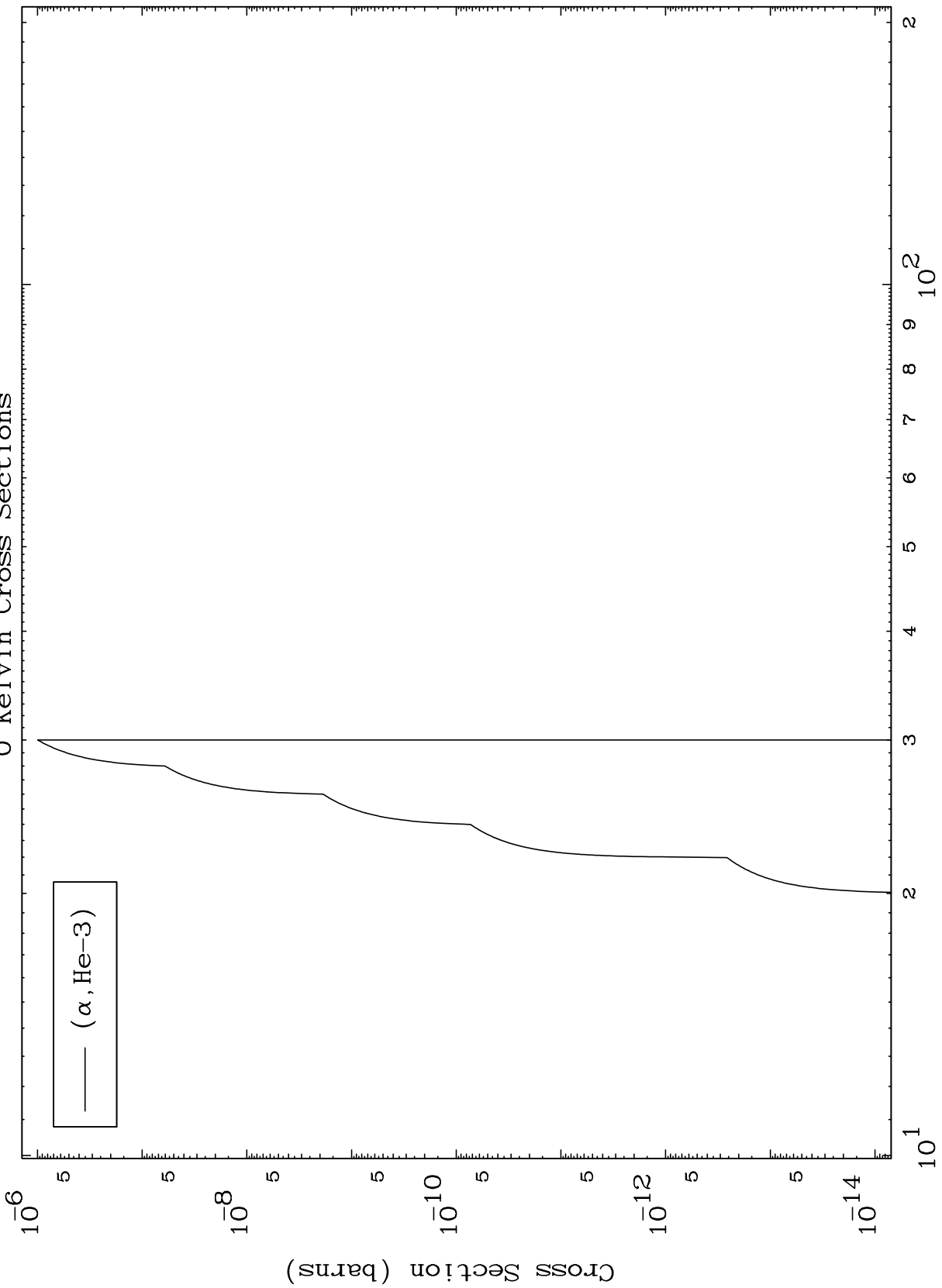




MAT 8187

82-Pb-191

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



82-Pb-191

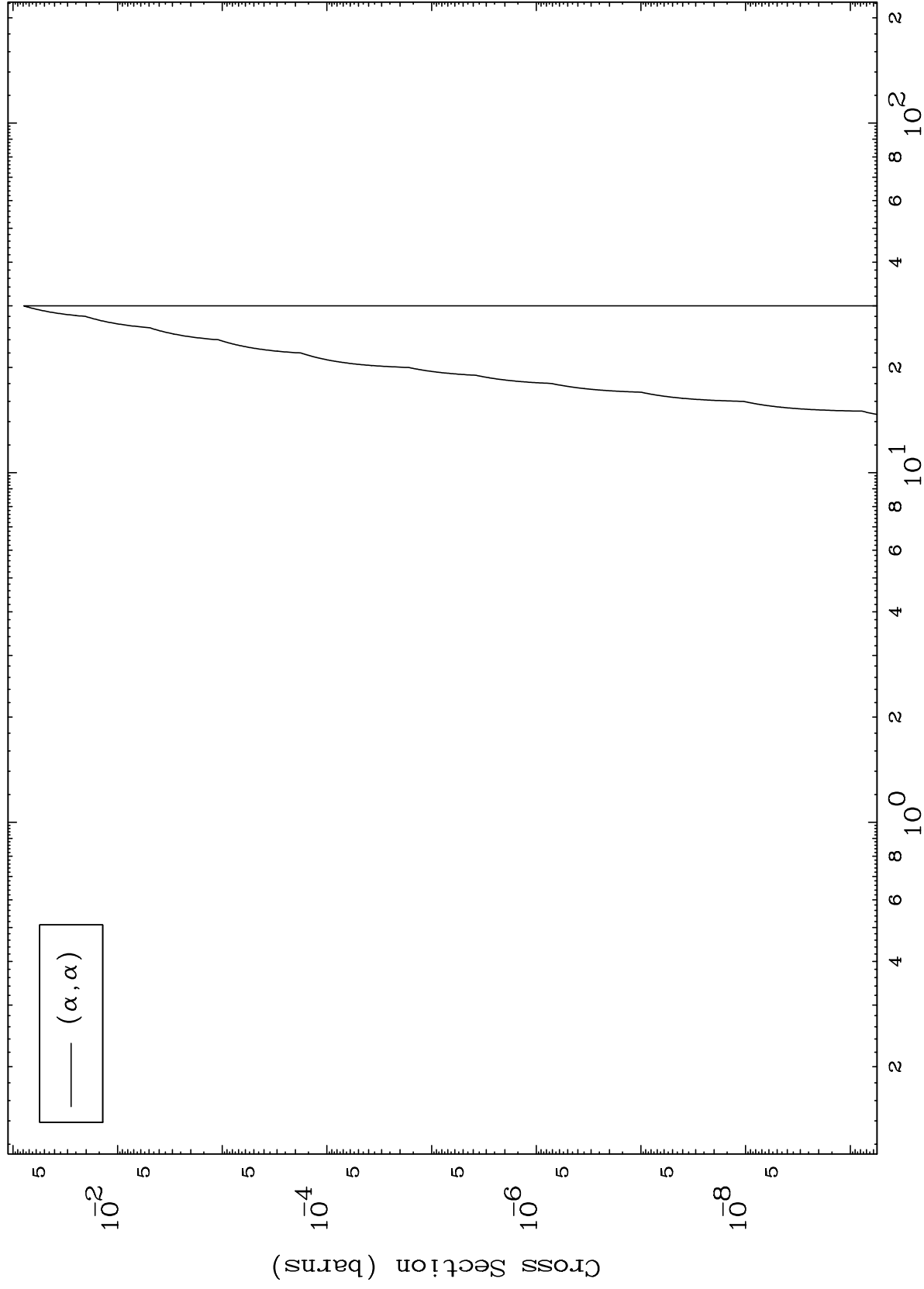
Incident Energy (MeV)

9

MAT 8187

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

82-Pb-191



10

Incident Energy (MeV)

82-Pb-191

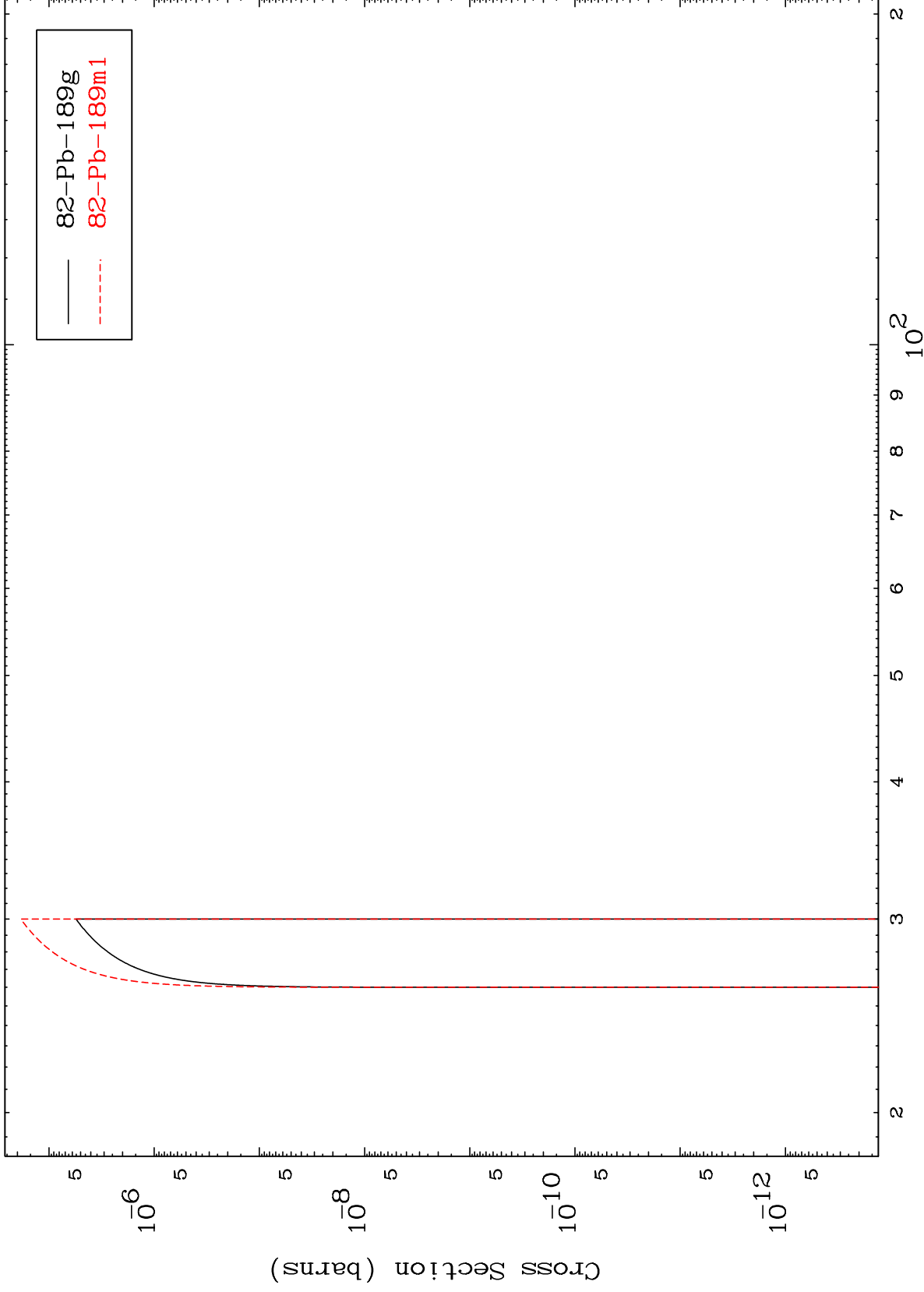


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$(\alpha, 2n)$   $\alpha$

82-Pb-191

Radionuclide Production Cross Section



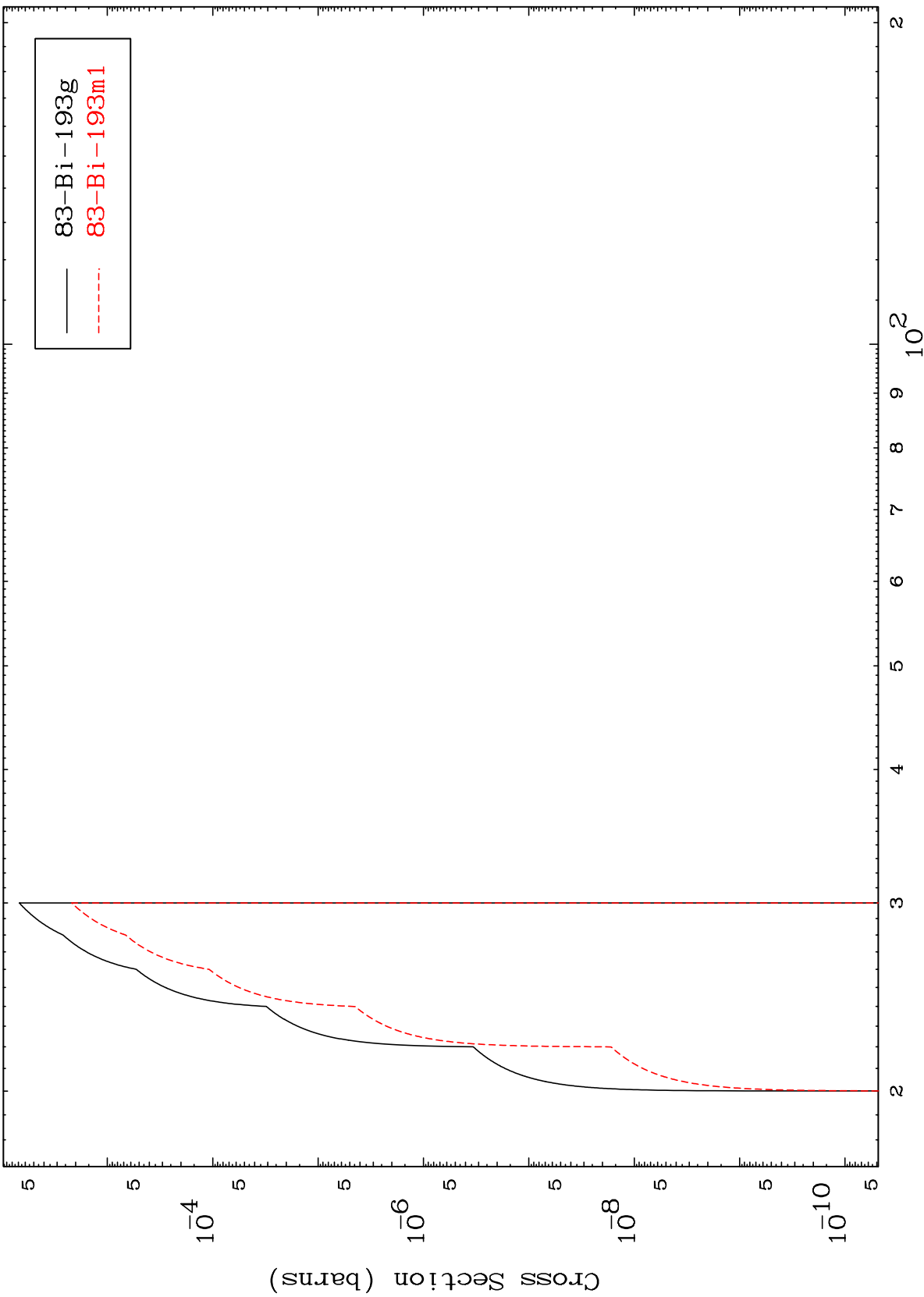
12

Incident Energy (MeV)

82-Pb-191

$(\alpha, n')$  p

Radionuclide Production Cross Section



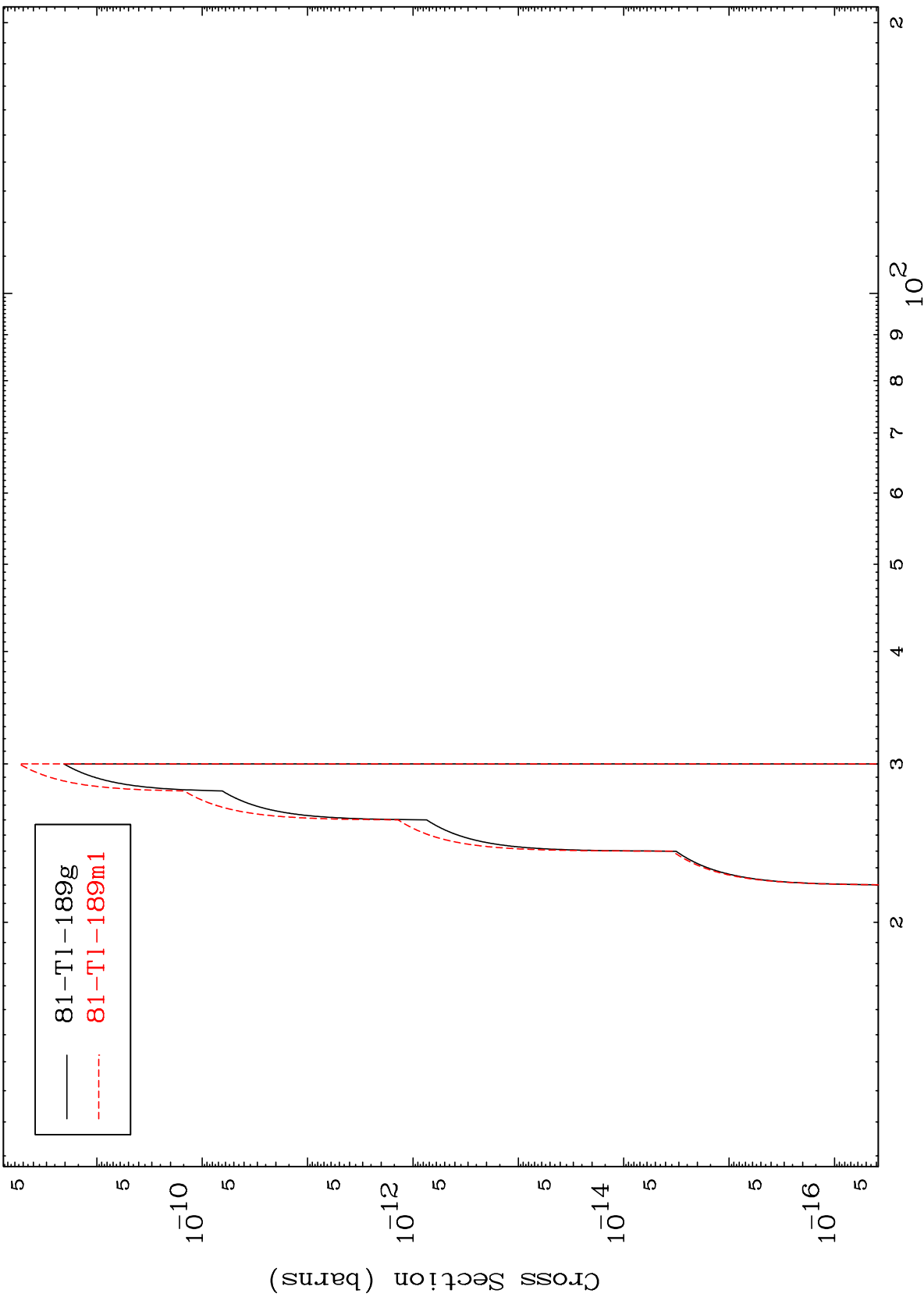
Incident Energy (MeV)

MAT 8187

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

82-Pb-191

Radionuclide Production Cross Section



14

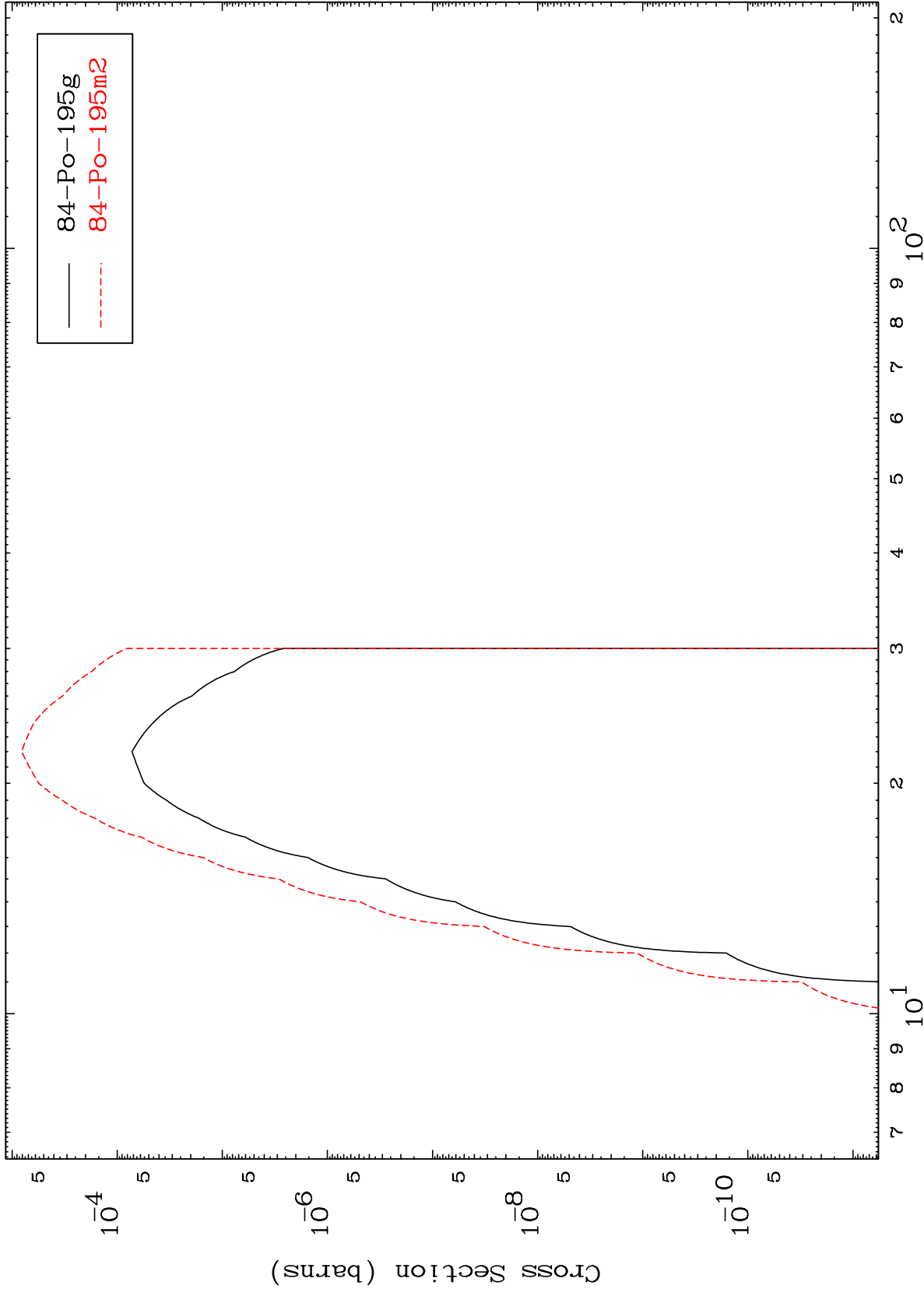
Incident Energy (MeV)

82-Pb-191

MAT 8187

82-Pb-191

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



15

Incident Energy (MeV)

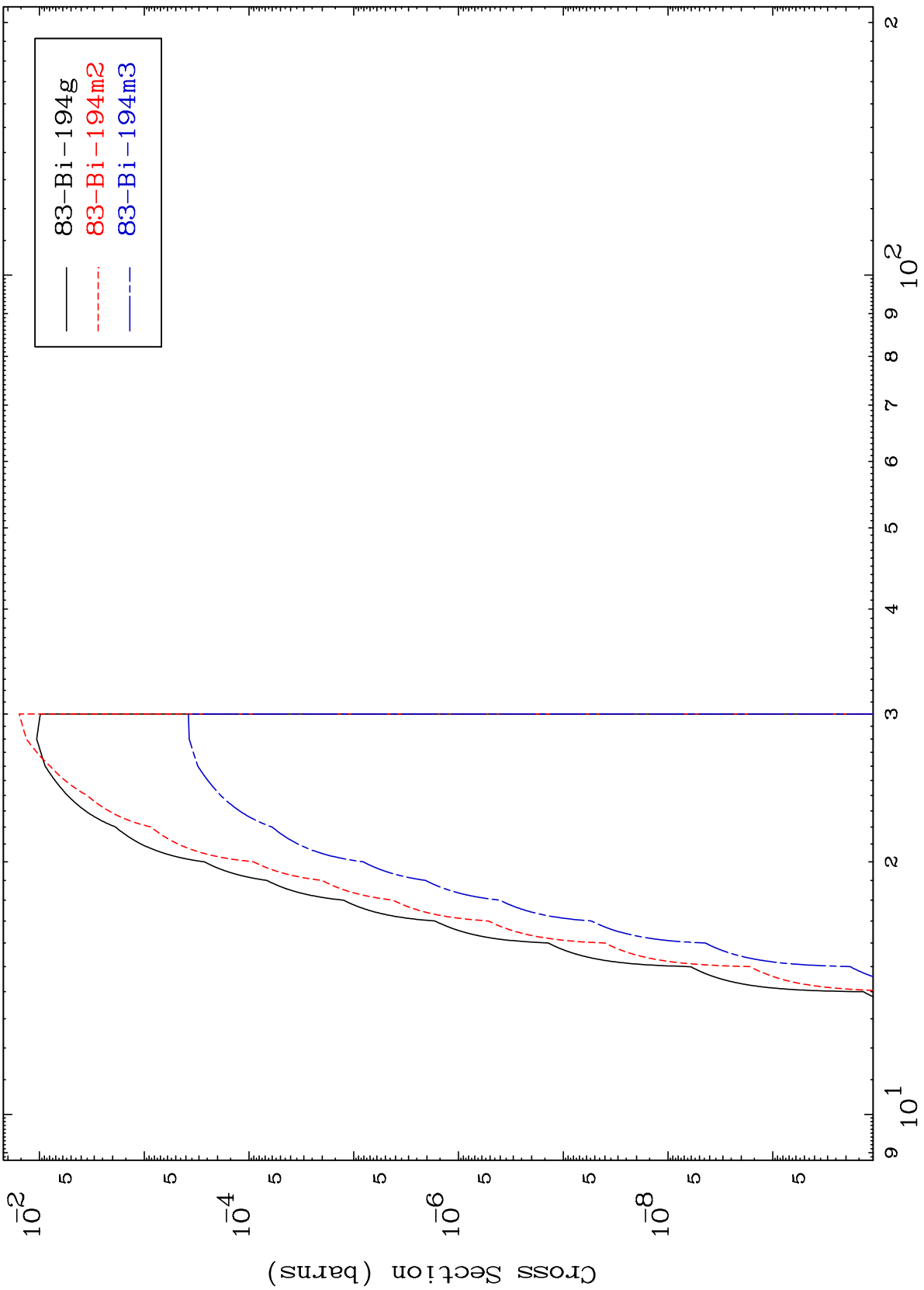
82-Pb-191



MAT 8187

82-Pb-191

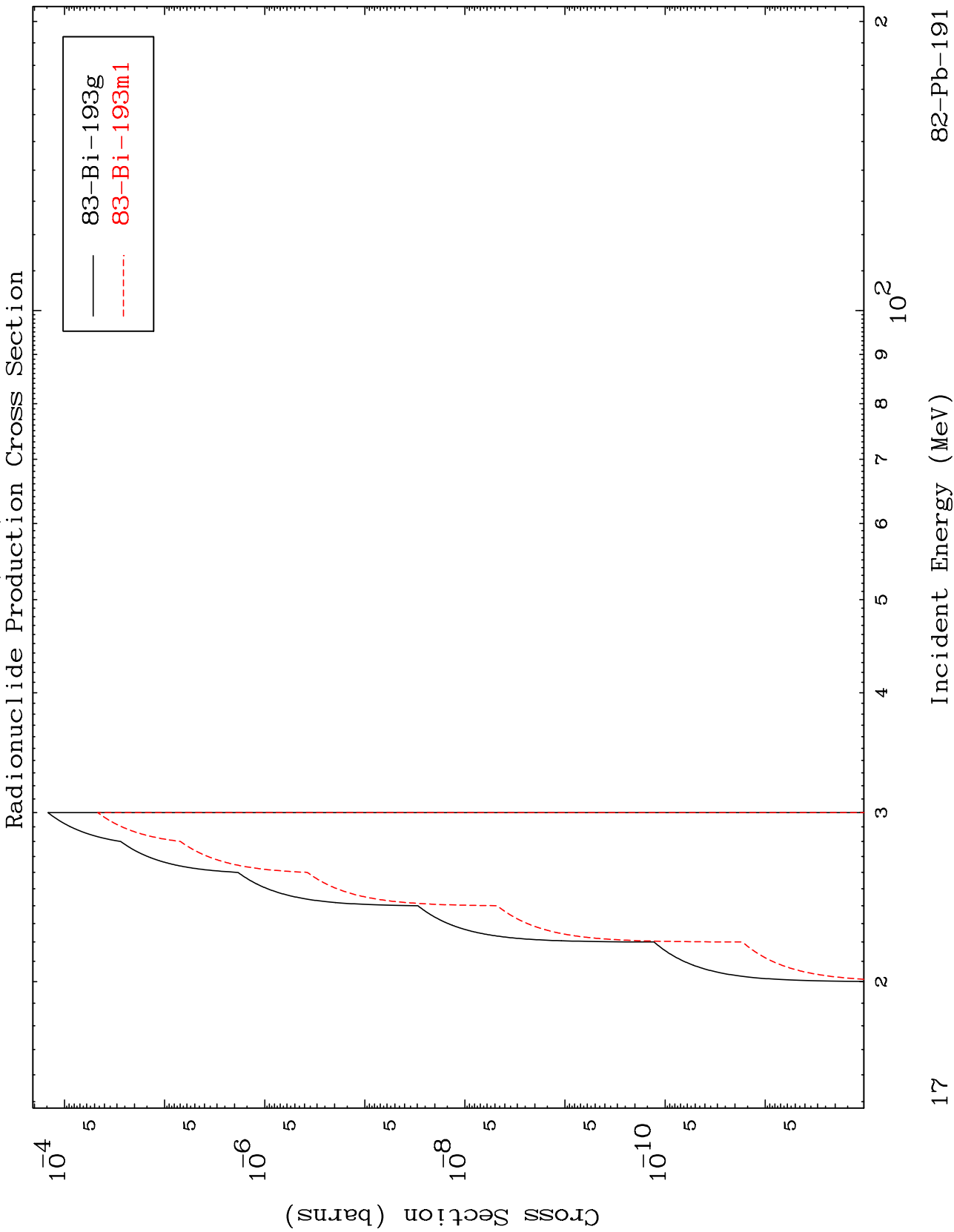
( $\alpha, p$ )  
Radionuclide Production Cross Section



82-Pb-191

Incident Energy (MeV)

16

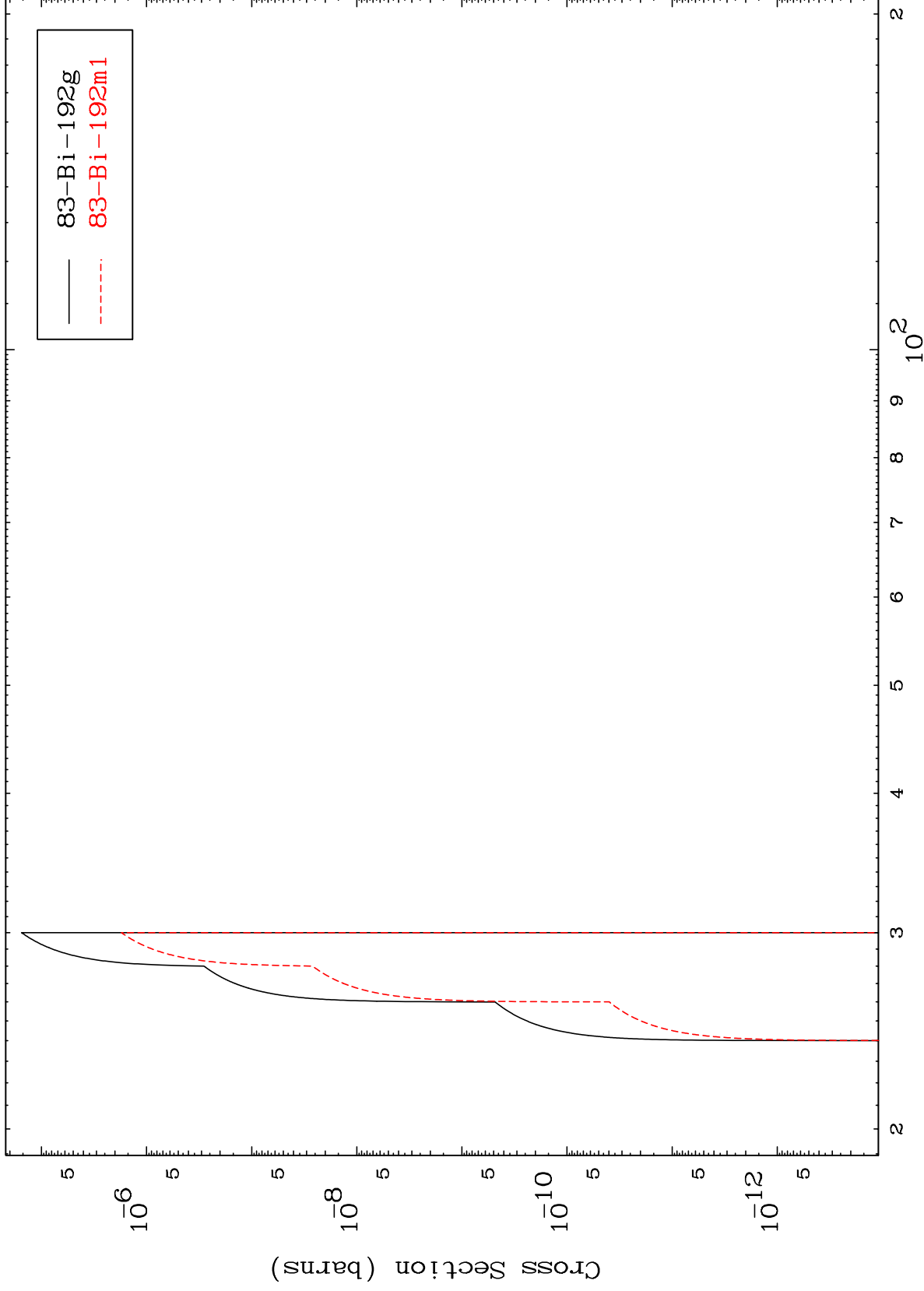


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( $\alpha, t$ )

82-Pb-191

Radionuclide Production Cross Section



18

Incident Energy (MeV)

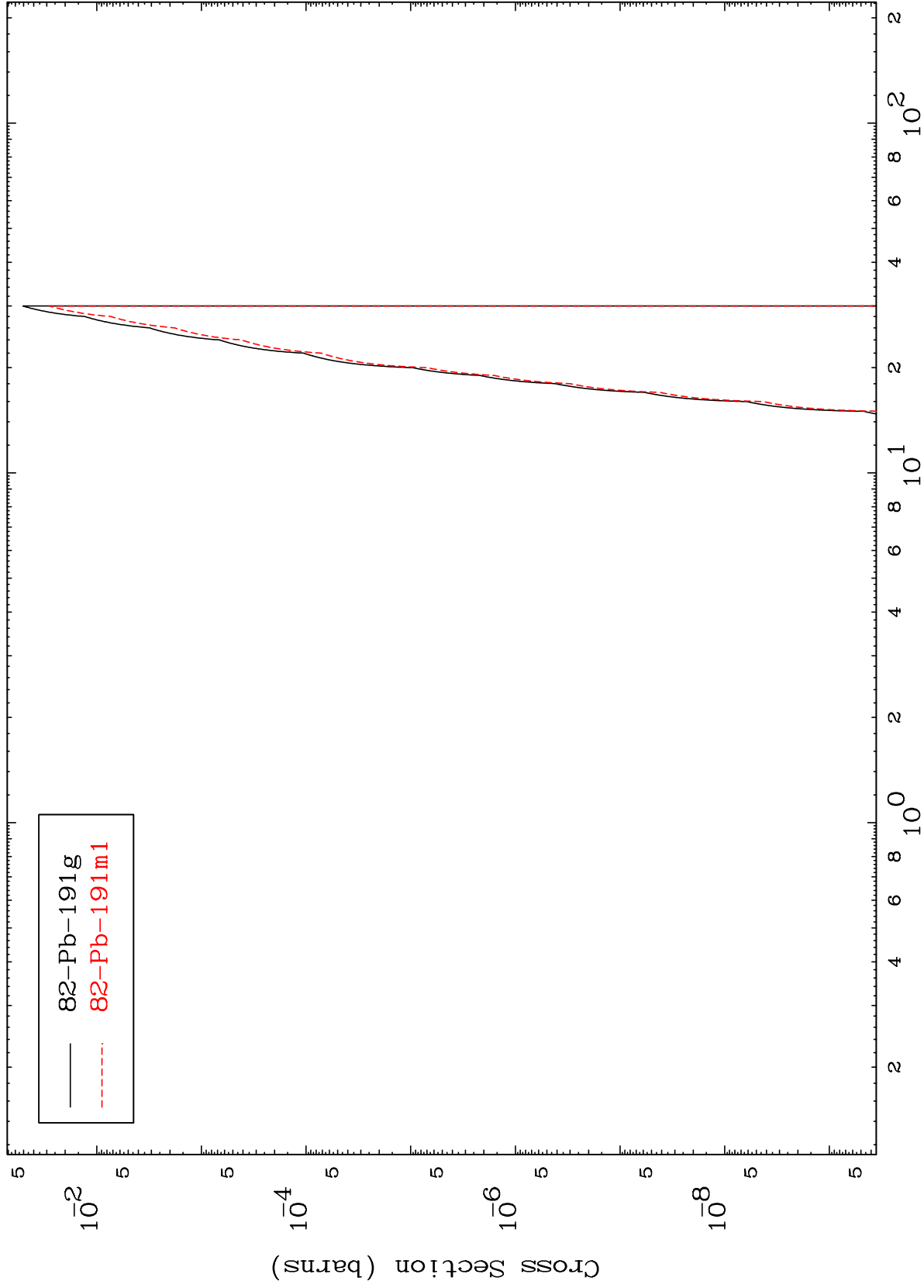
82-Pb-191

MAT 8187

( $\alpha, \alpha$ )

82-Pb-191

Radionuclide Production Cross Section



19

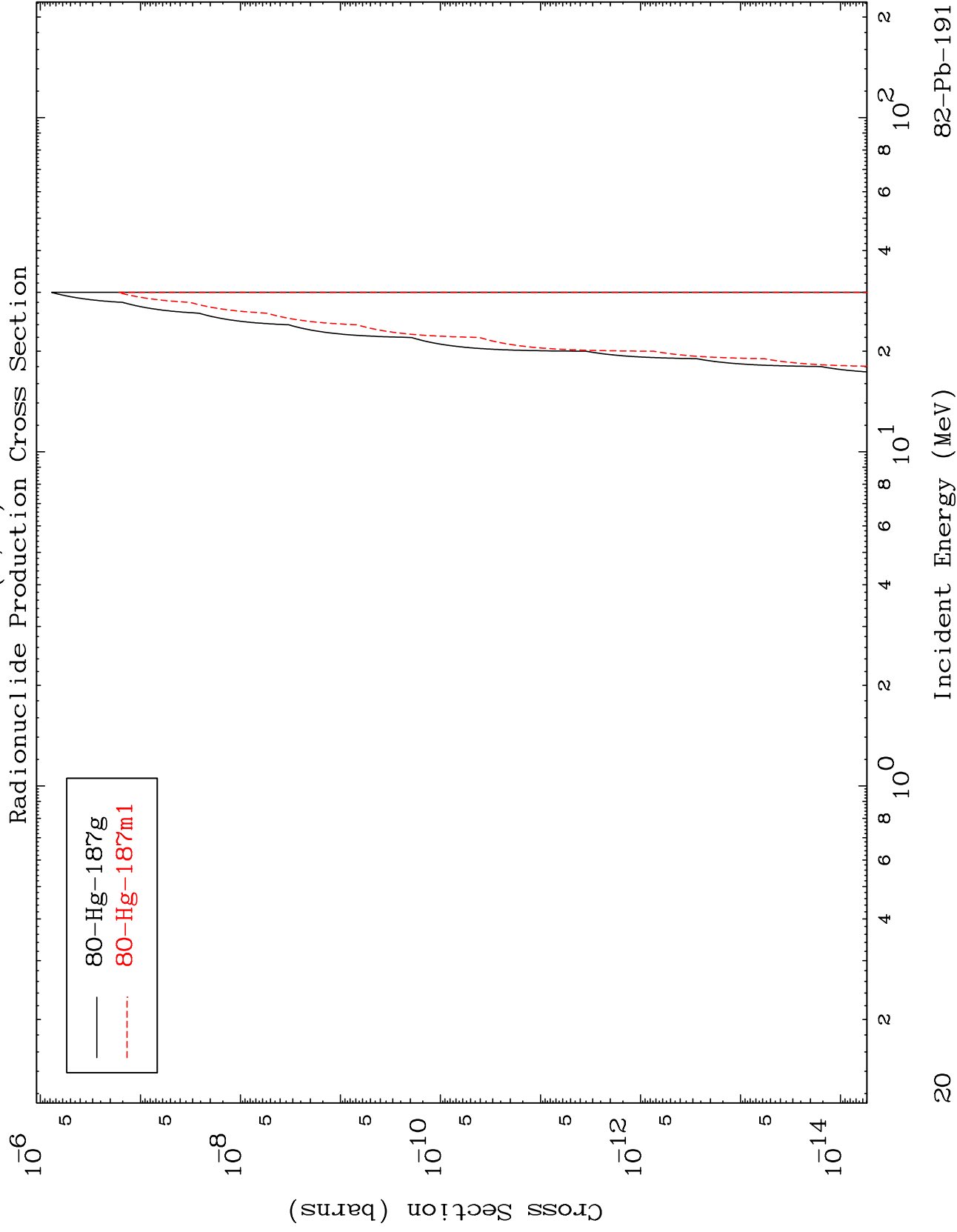
Incident Energy (MeV)

82-Pb-191

MAT 8187

( $\alpha, 2\alpha$ )

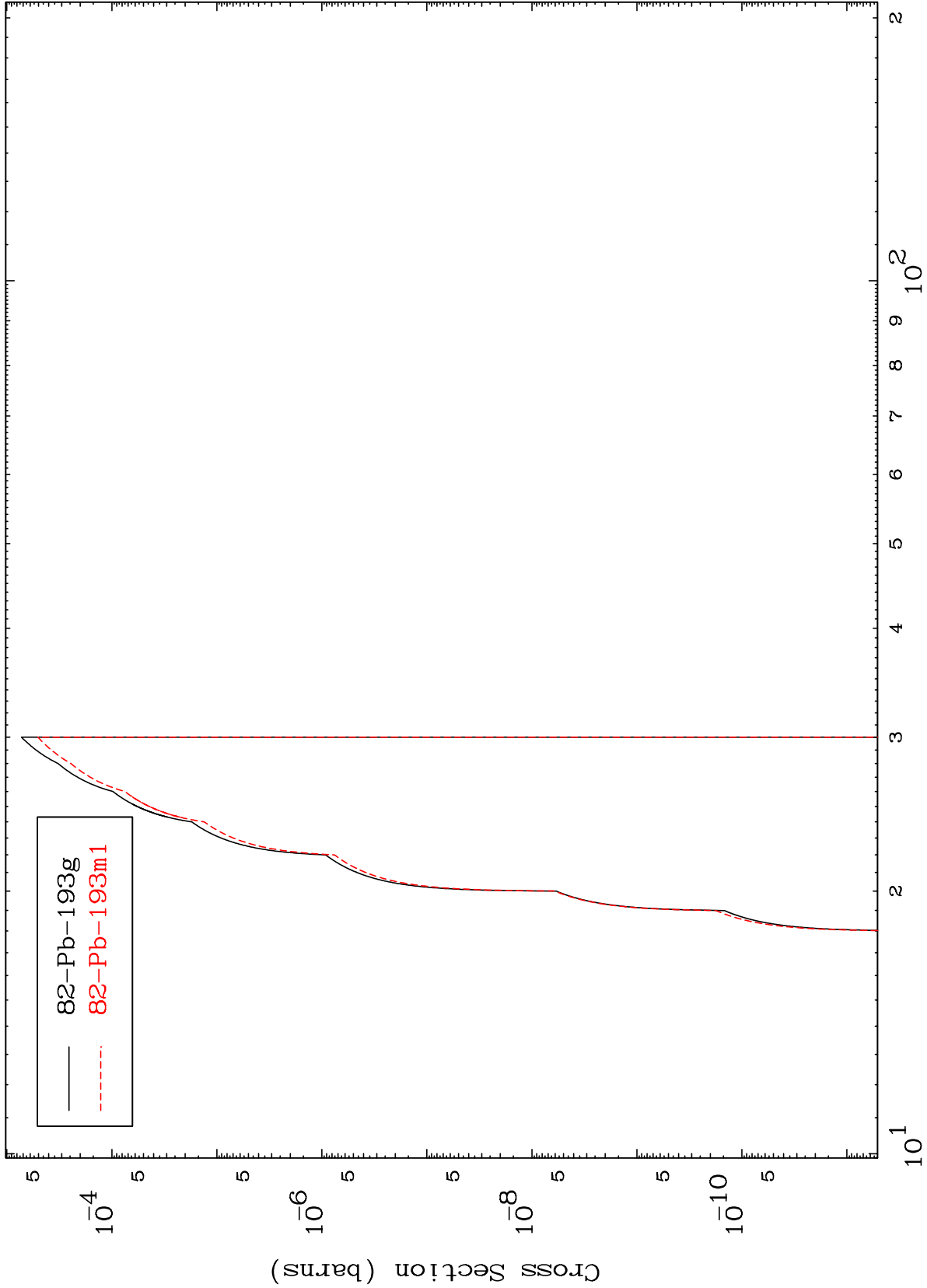
82-Pb-191



MAT 8187

82-Pb-191

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



82-Pb-191

Incident Energy (MeV)

21