

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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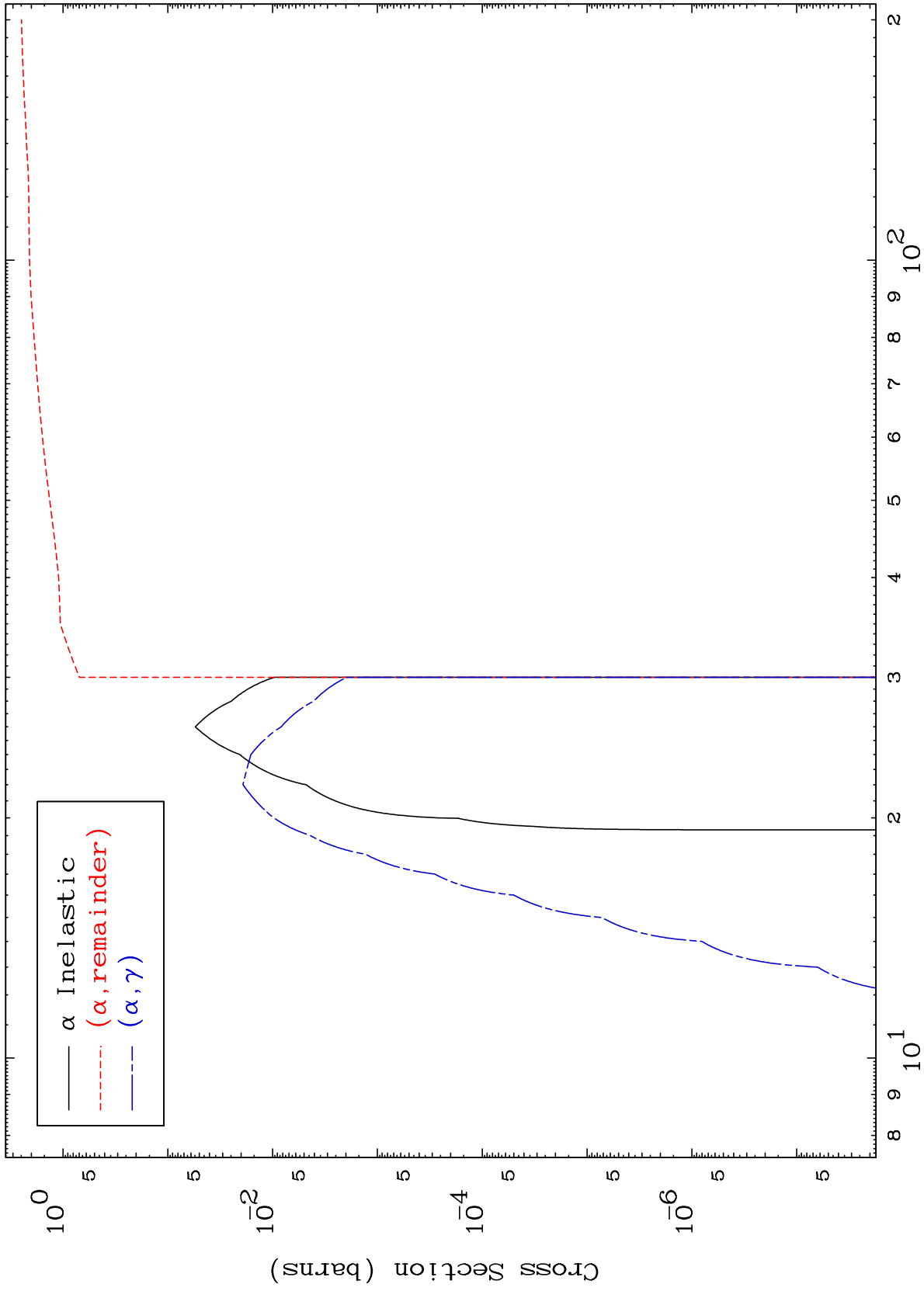
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8171

0 Kelvin  $\alpha$  Major  
Cross Sections

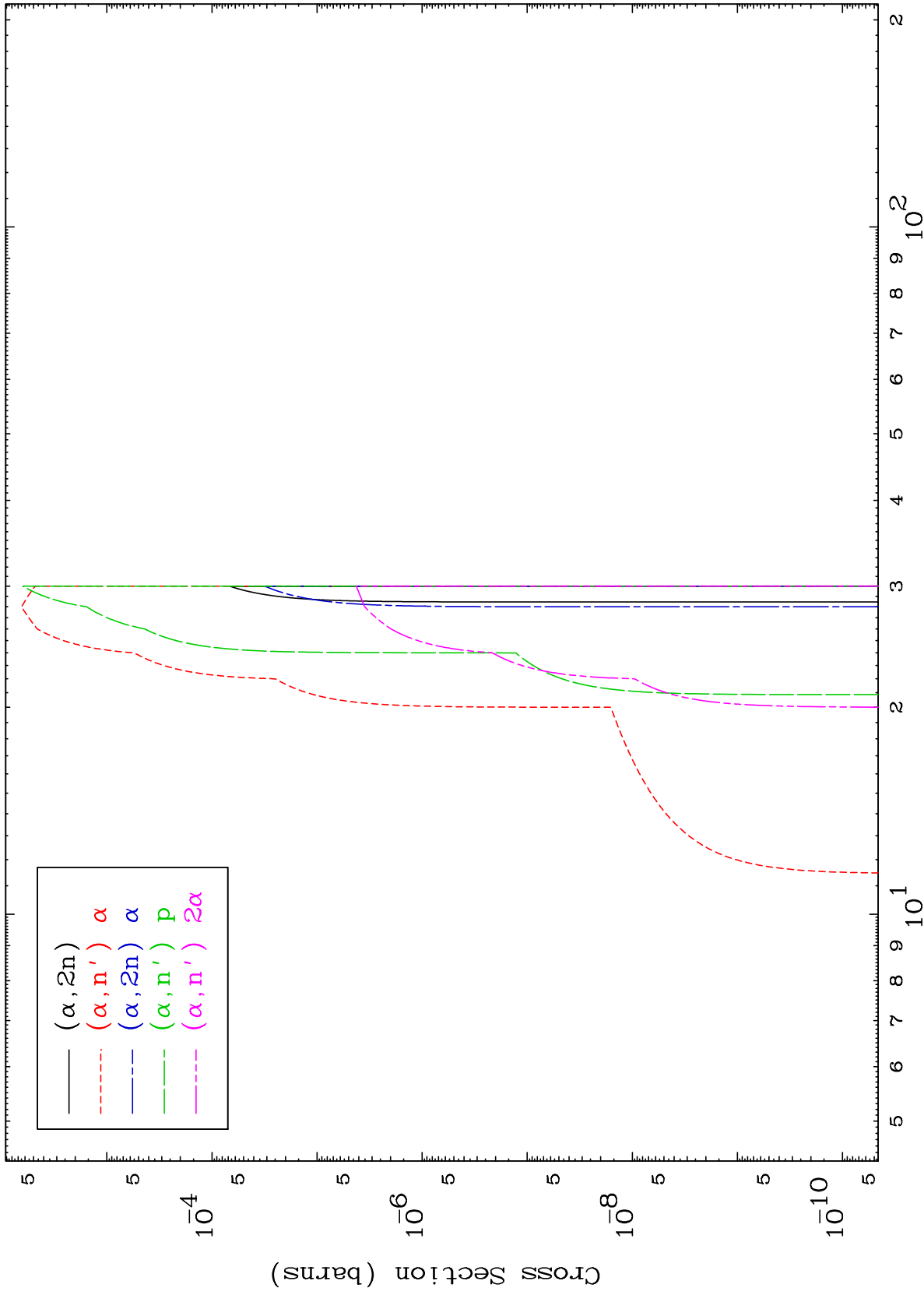
82-Pb-186

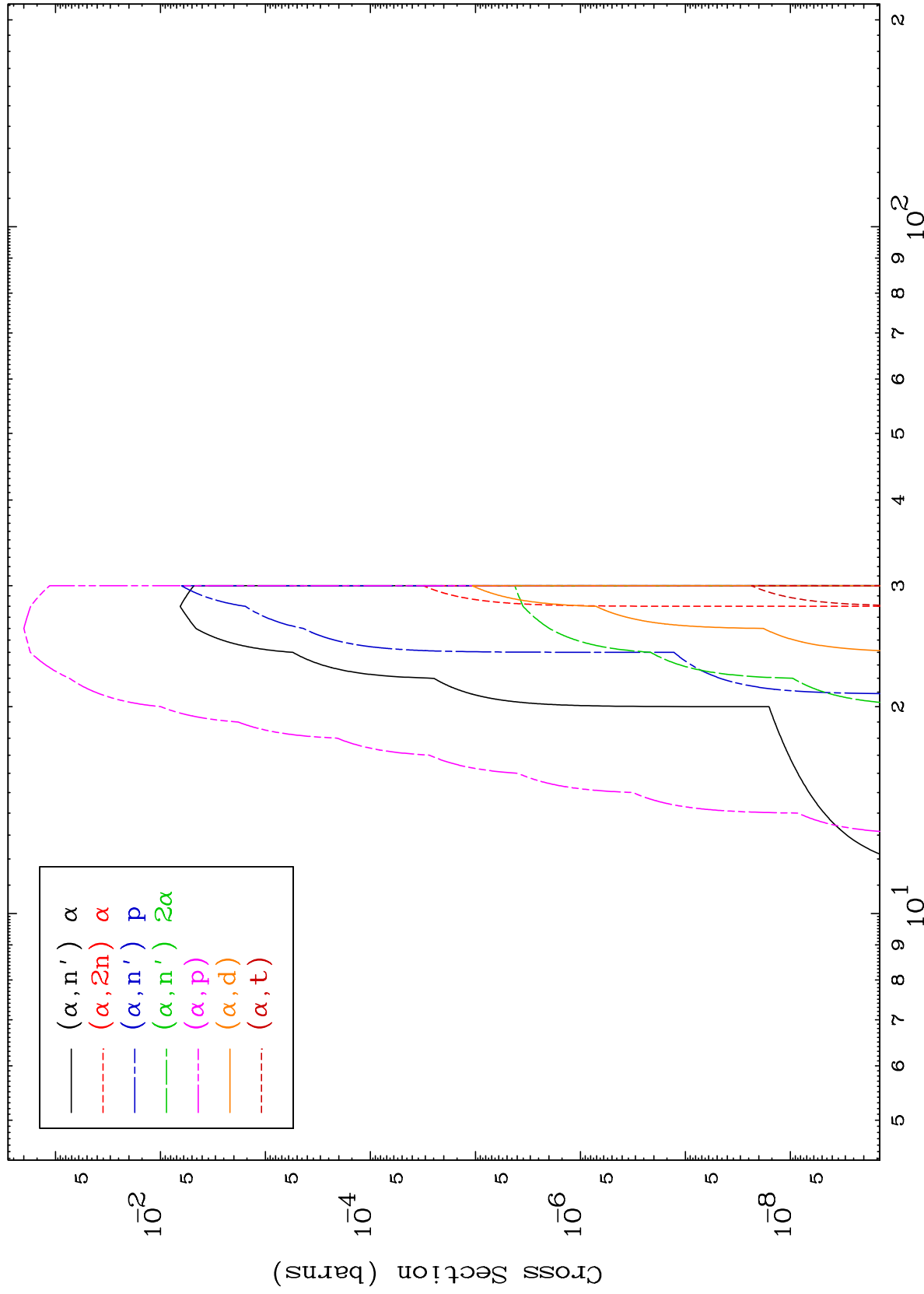


1

Incident Energy (MeV)

82-Pb-186

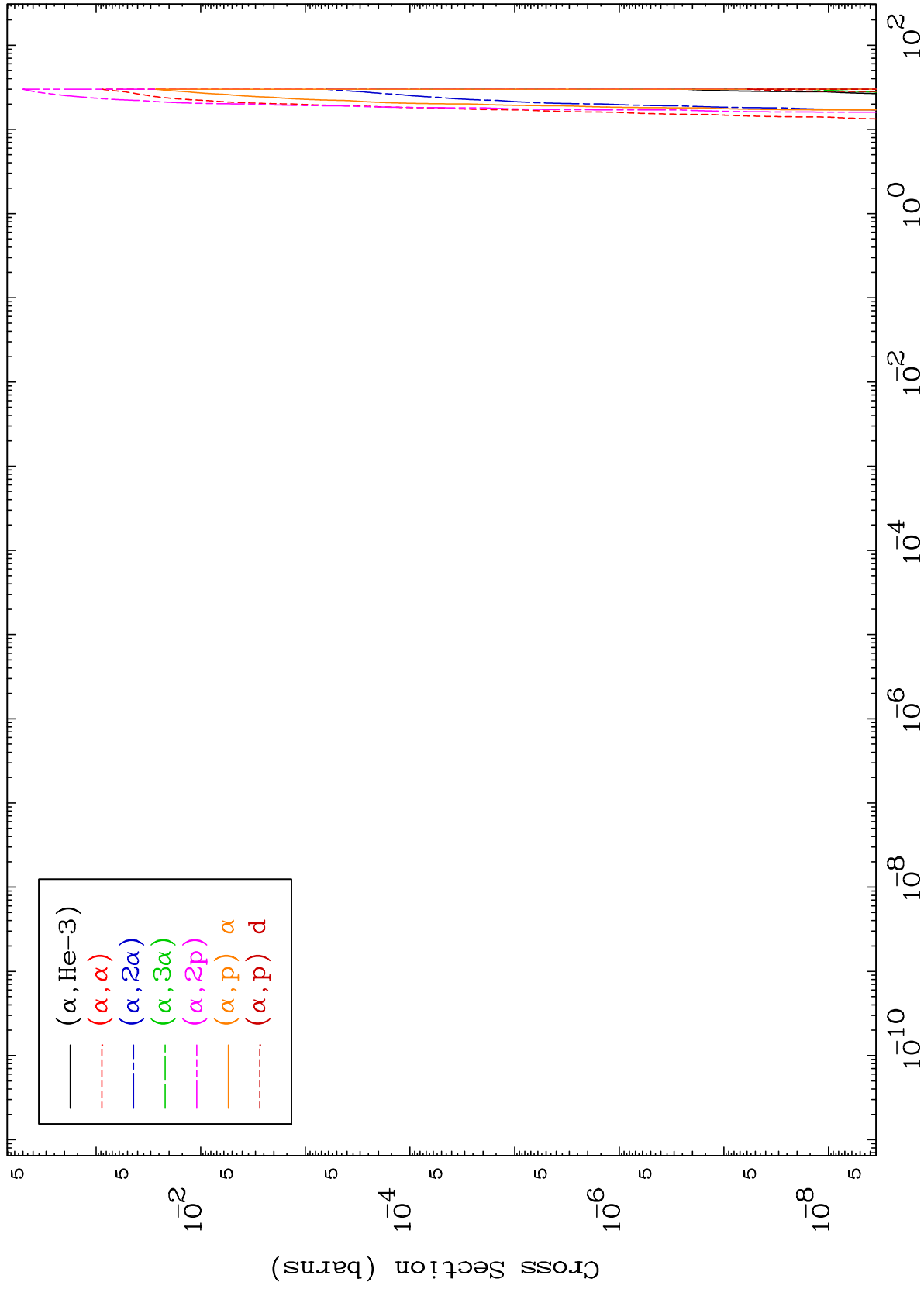




MAT 8171

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

82-Pb-186

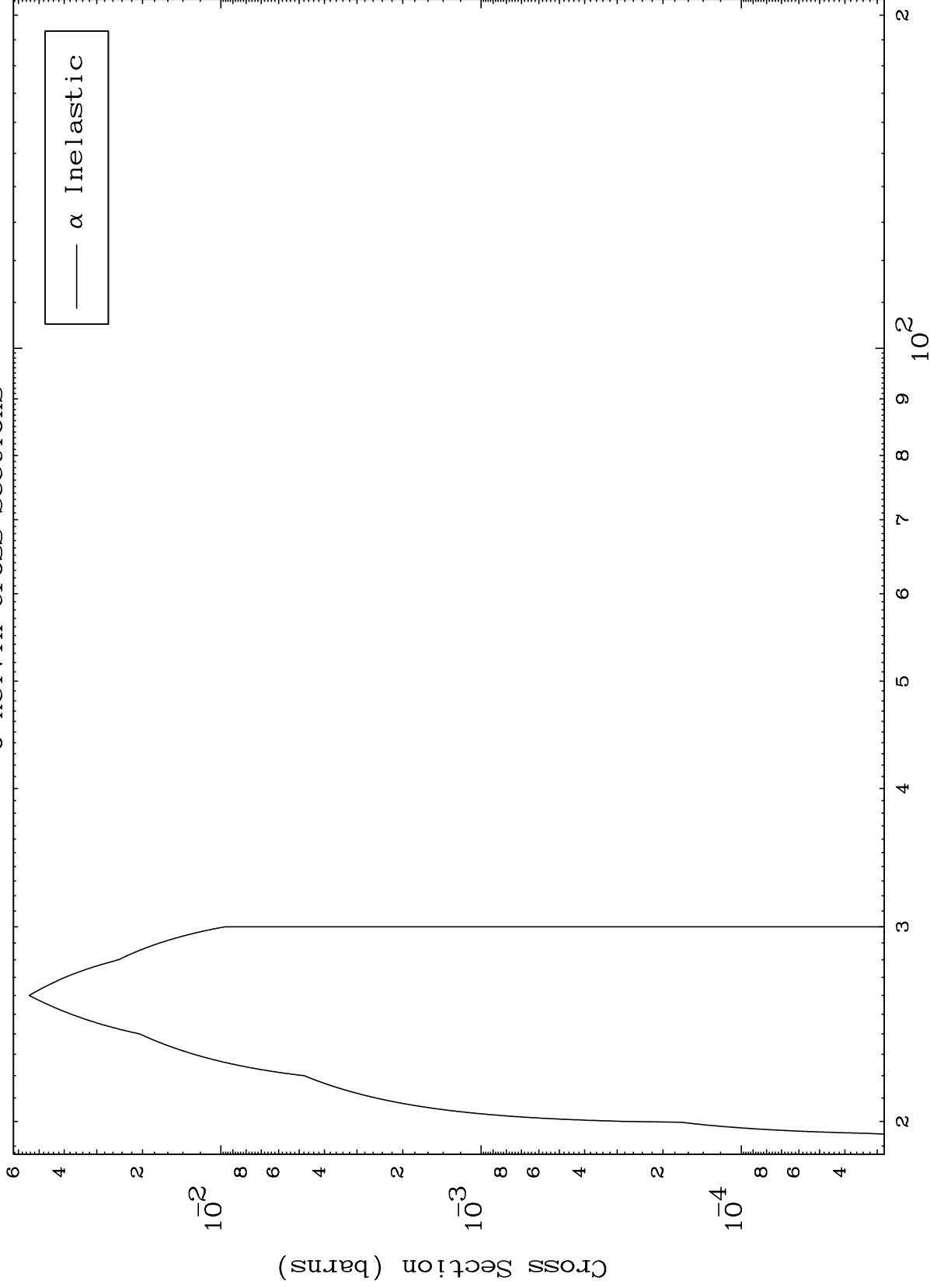


82-Pb-186

MAT 8171

( $\alpha, n'$ ) Level  
0 Kelvin Cross Sections

82-Pb-186



5

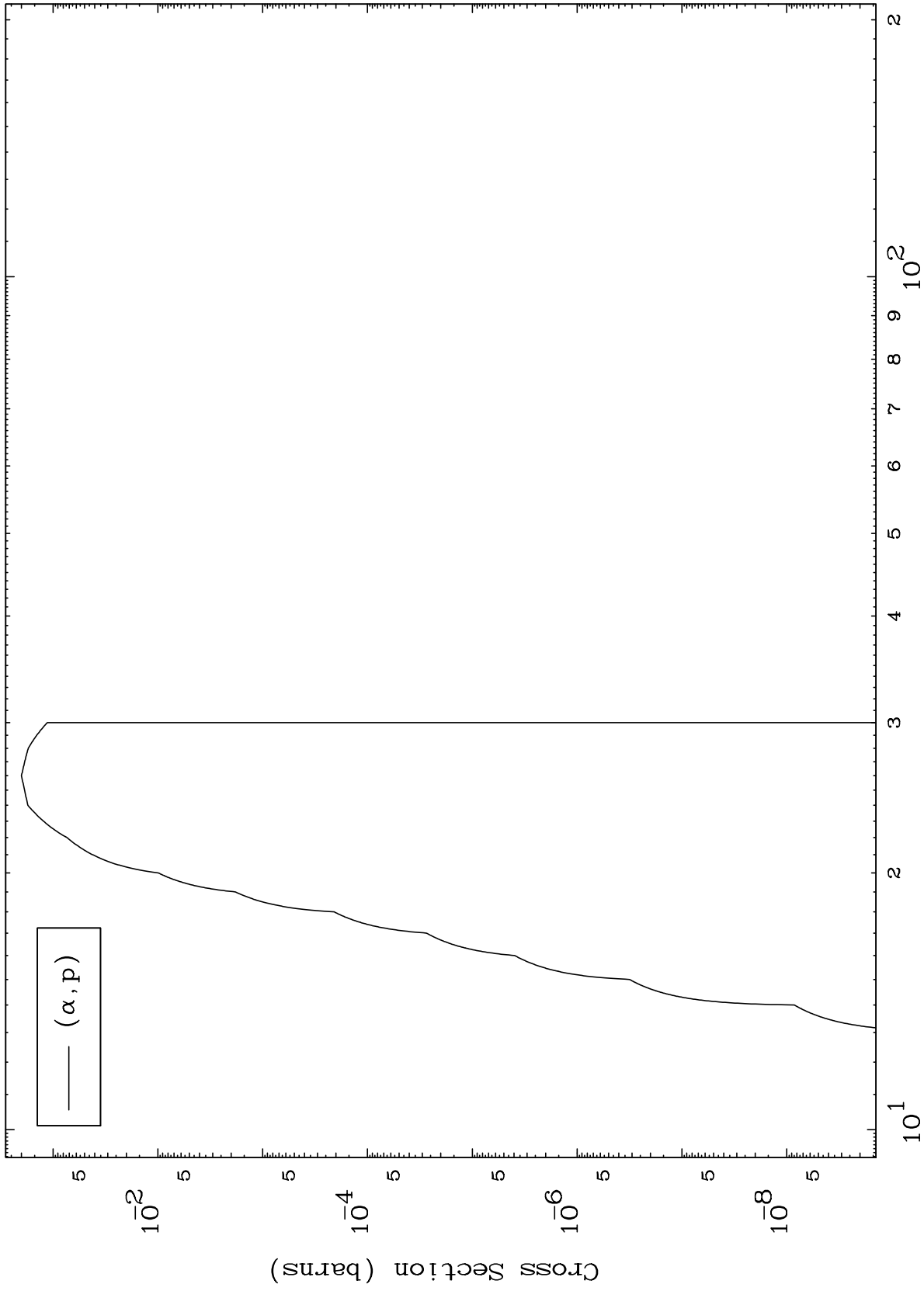
Incident Energy (MeV)

82-Pb-186

MAT 8171

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

82-Pb-186



6

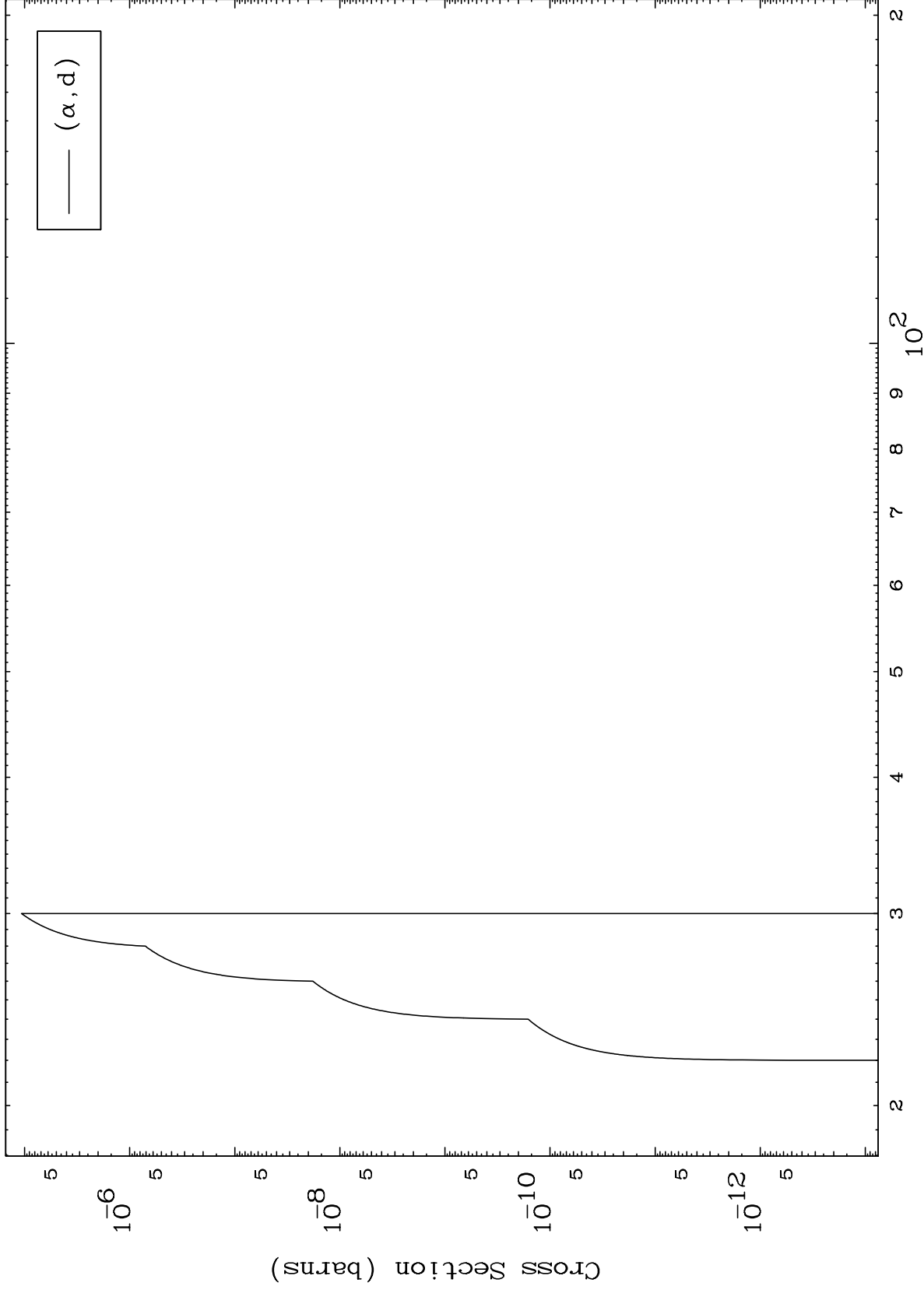
Incident Energy (MeV)

82-Pb-186

MAT 8171

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

82-Pb-186

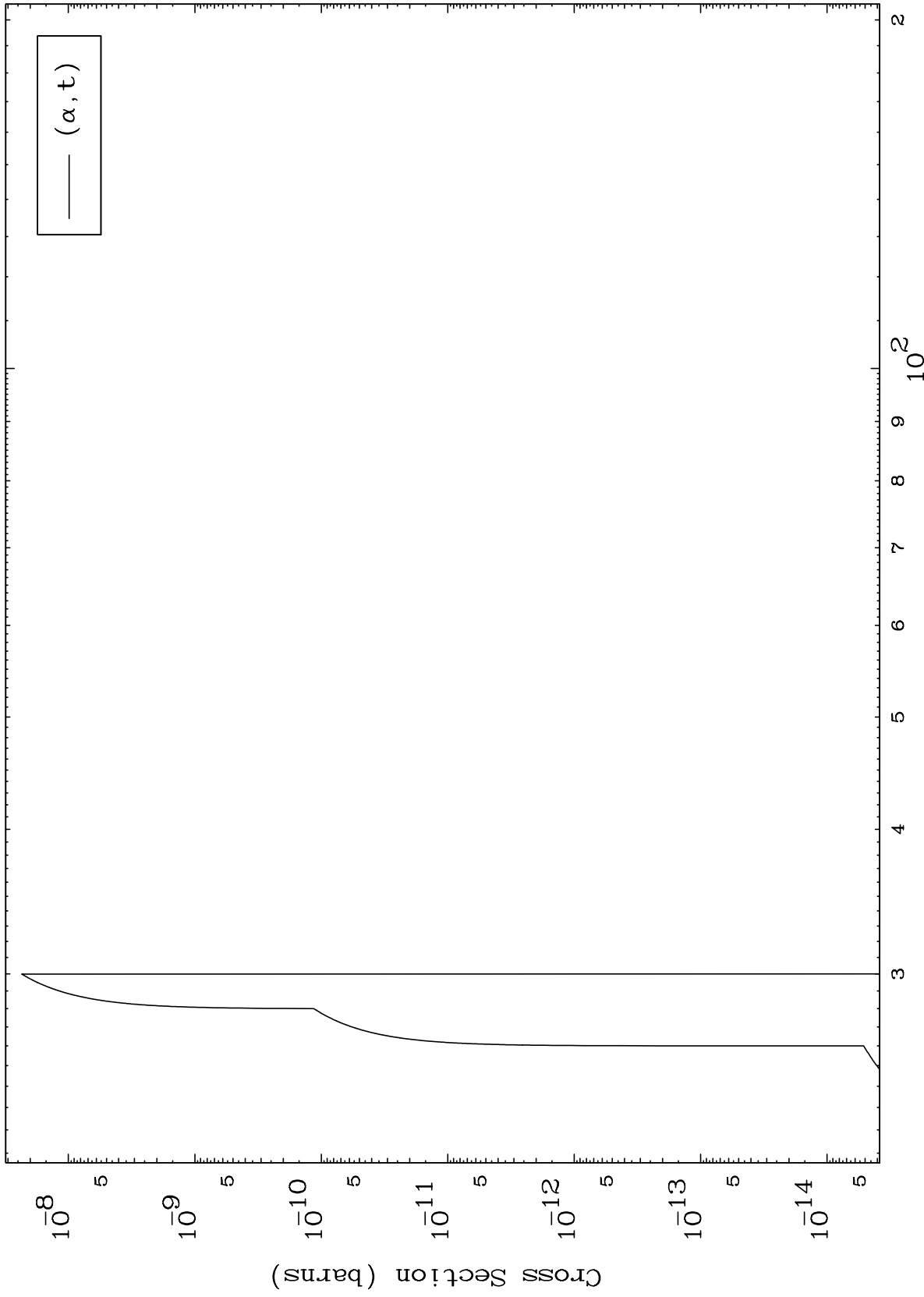


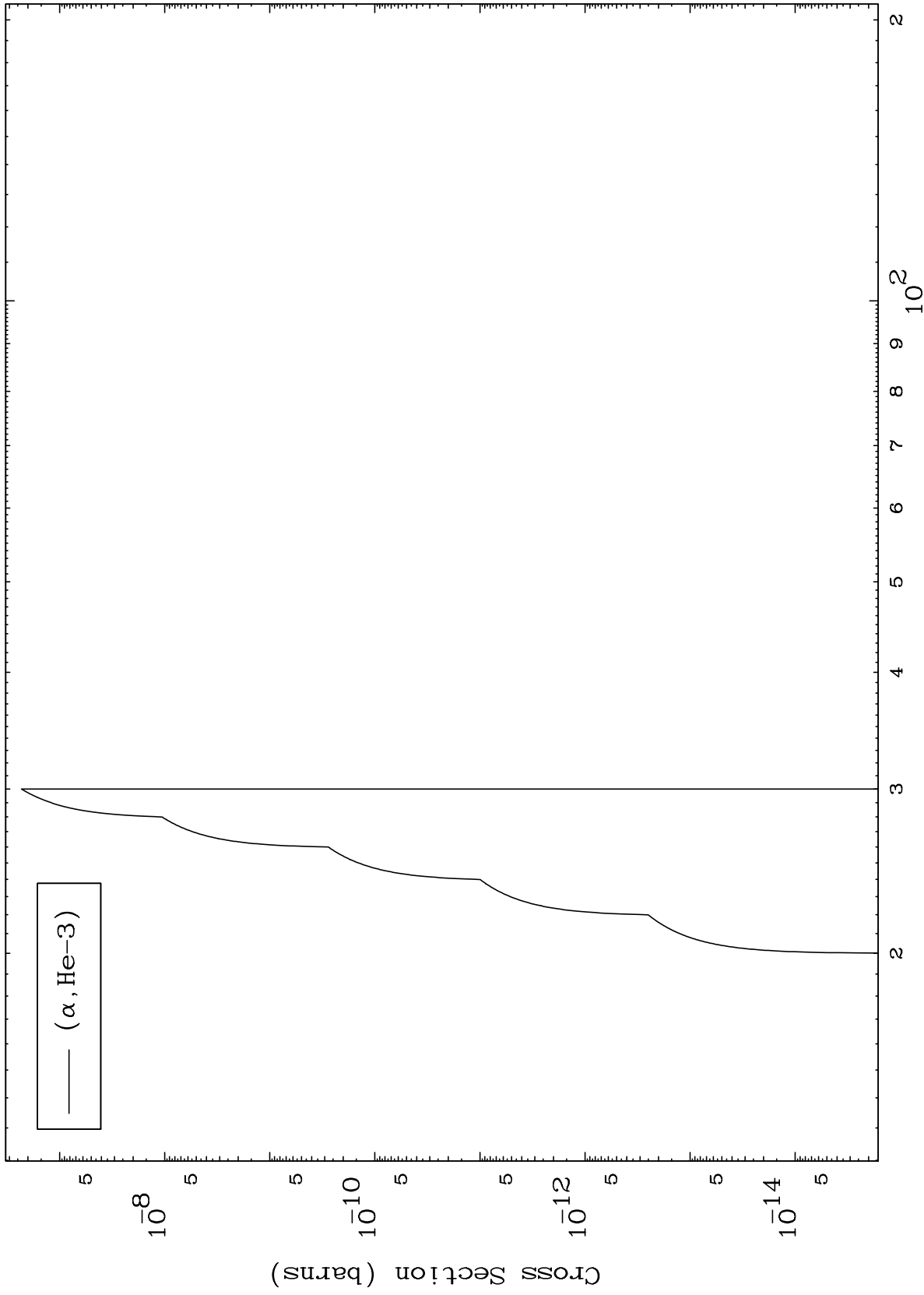
7

Incident Energy (MeV)

82-Pb-186



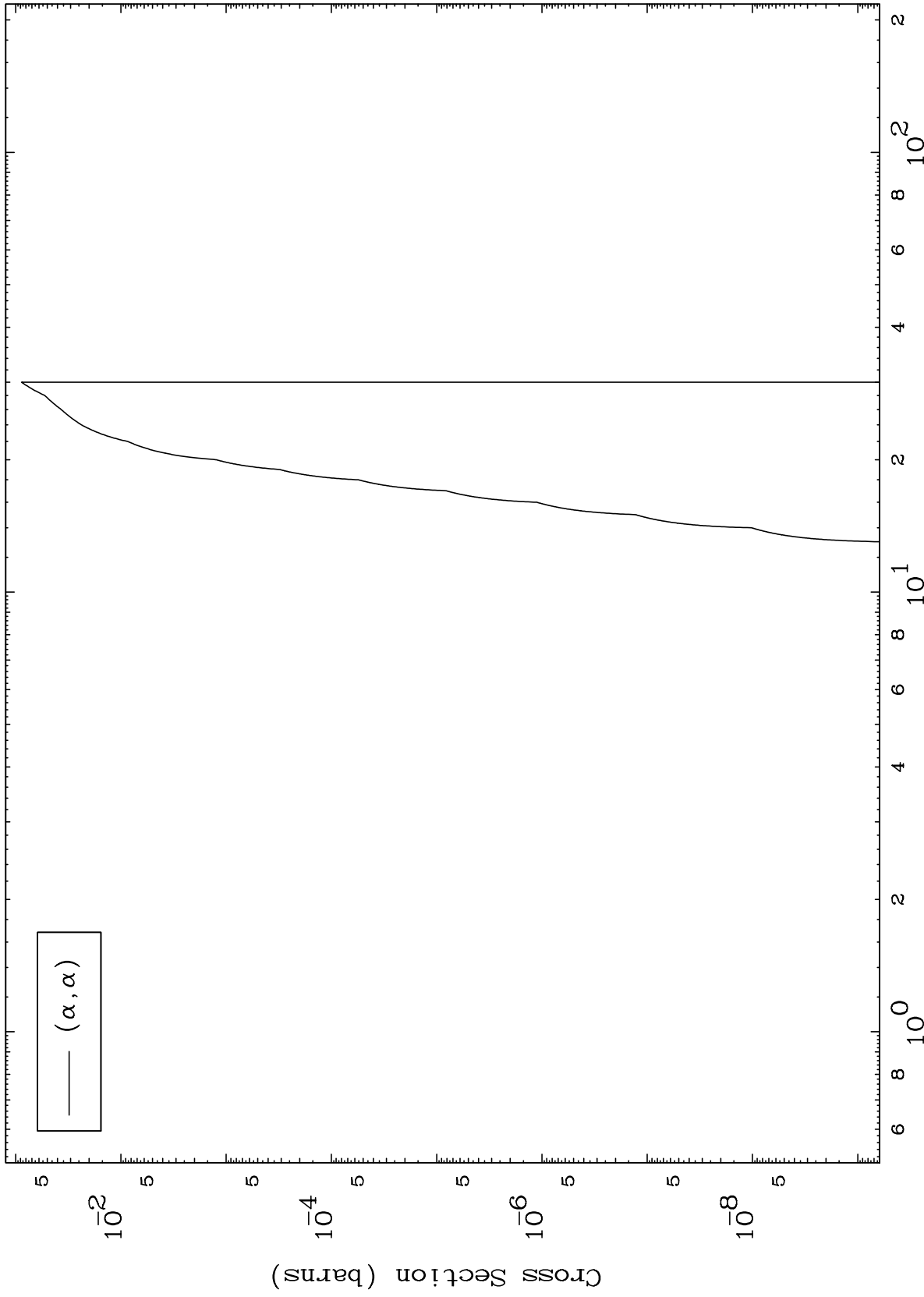




MAT 8171

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

82-Pb-186



10

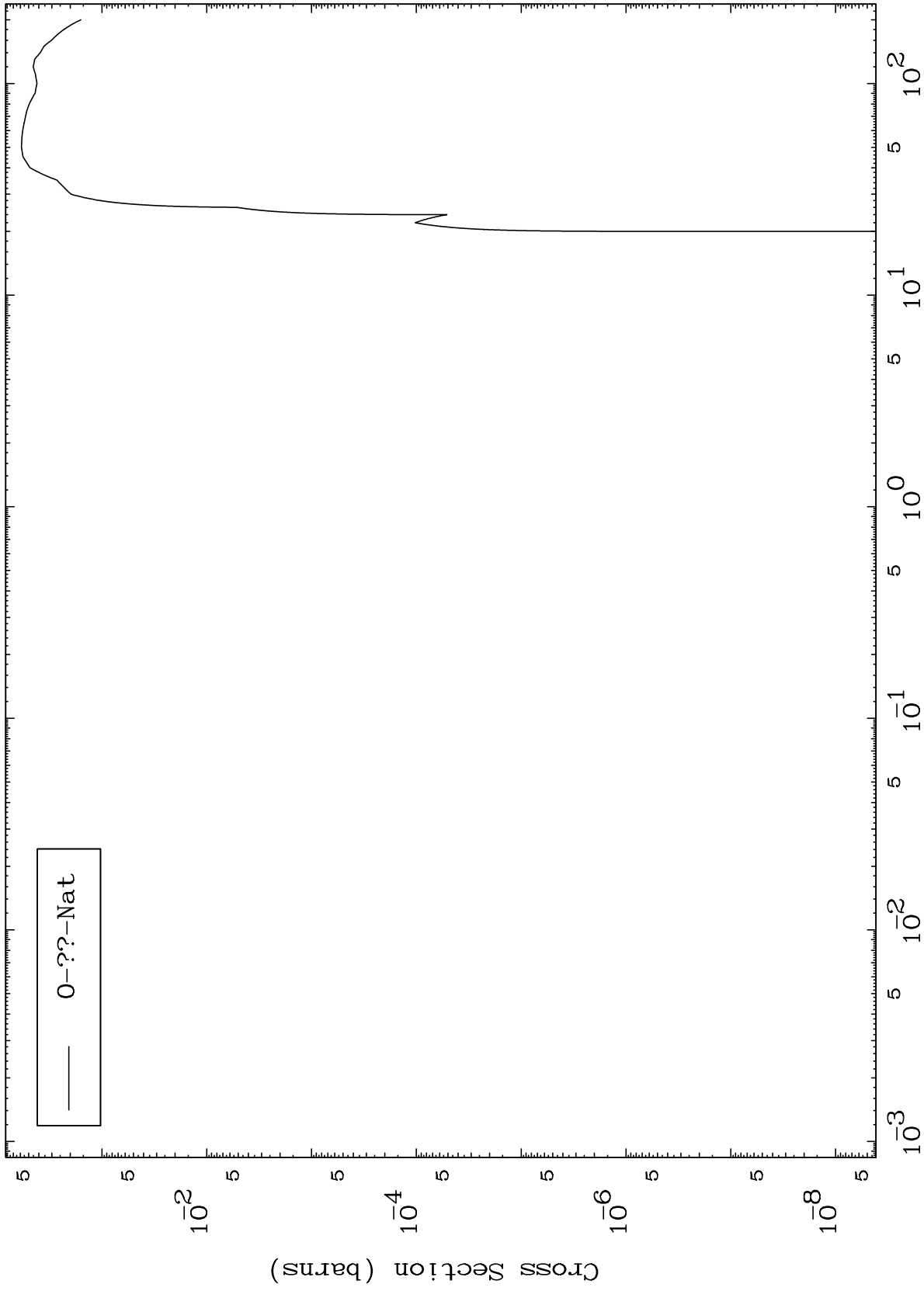
Incident Energy (MeV)

82-Pb-186

MAT 8171

$\alpha$  Fission  
Radionuclide Production Cross Section

82-Pb-186



11

Incident Energy (MeV)

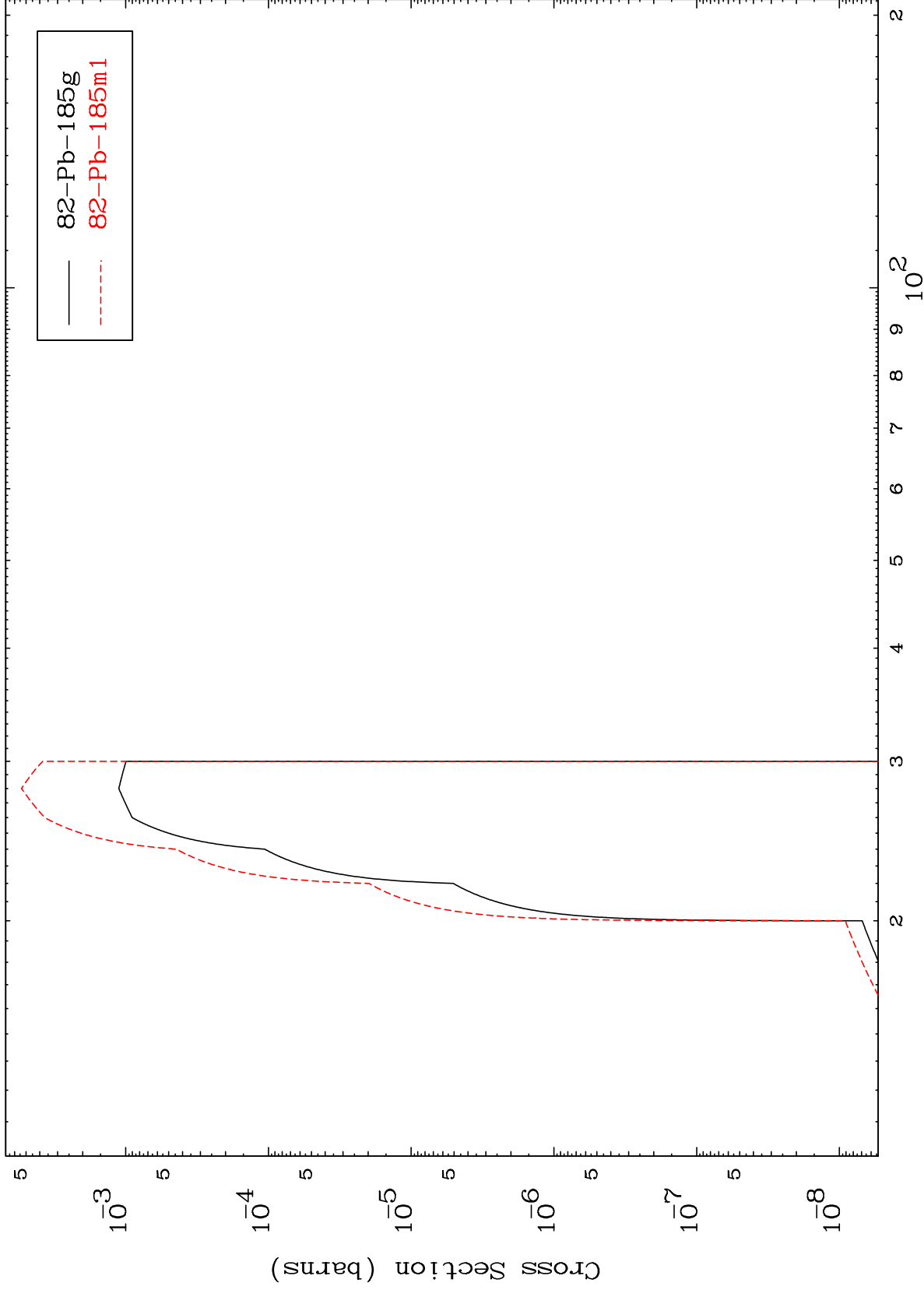
82-Pb-186

MAT 8171

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

$^{82}\text{Pb-186}$

Radionuclide Production Cross Section



12

Incident Energy (MeV)

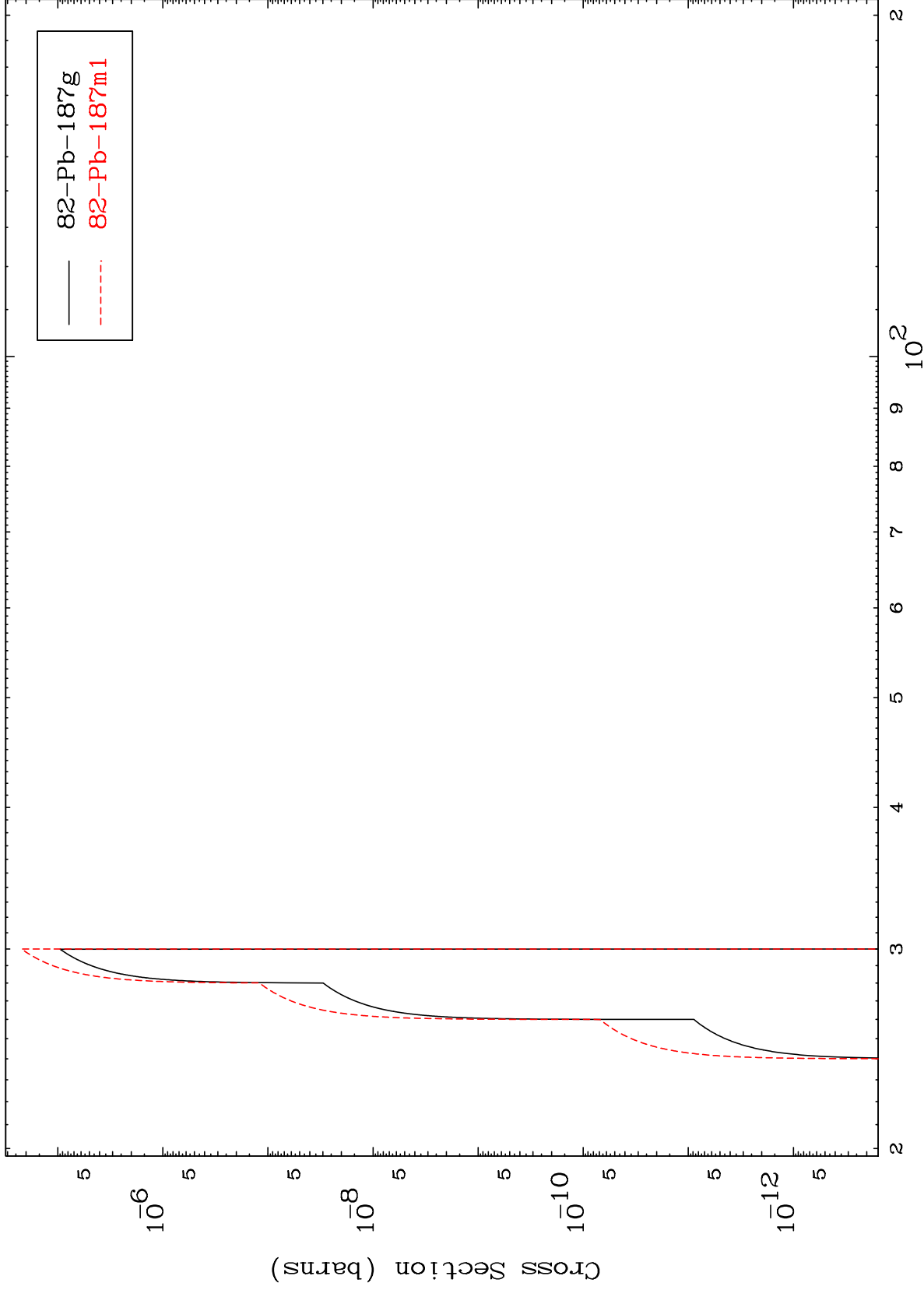
$^{82}\text{Pb-186}$

MAT 8171

( $\alpha, 2n$ ) p

82-Pb-186

Radionuclide Production Cross Section



13

Incident Energy (MeV)

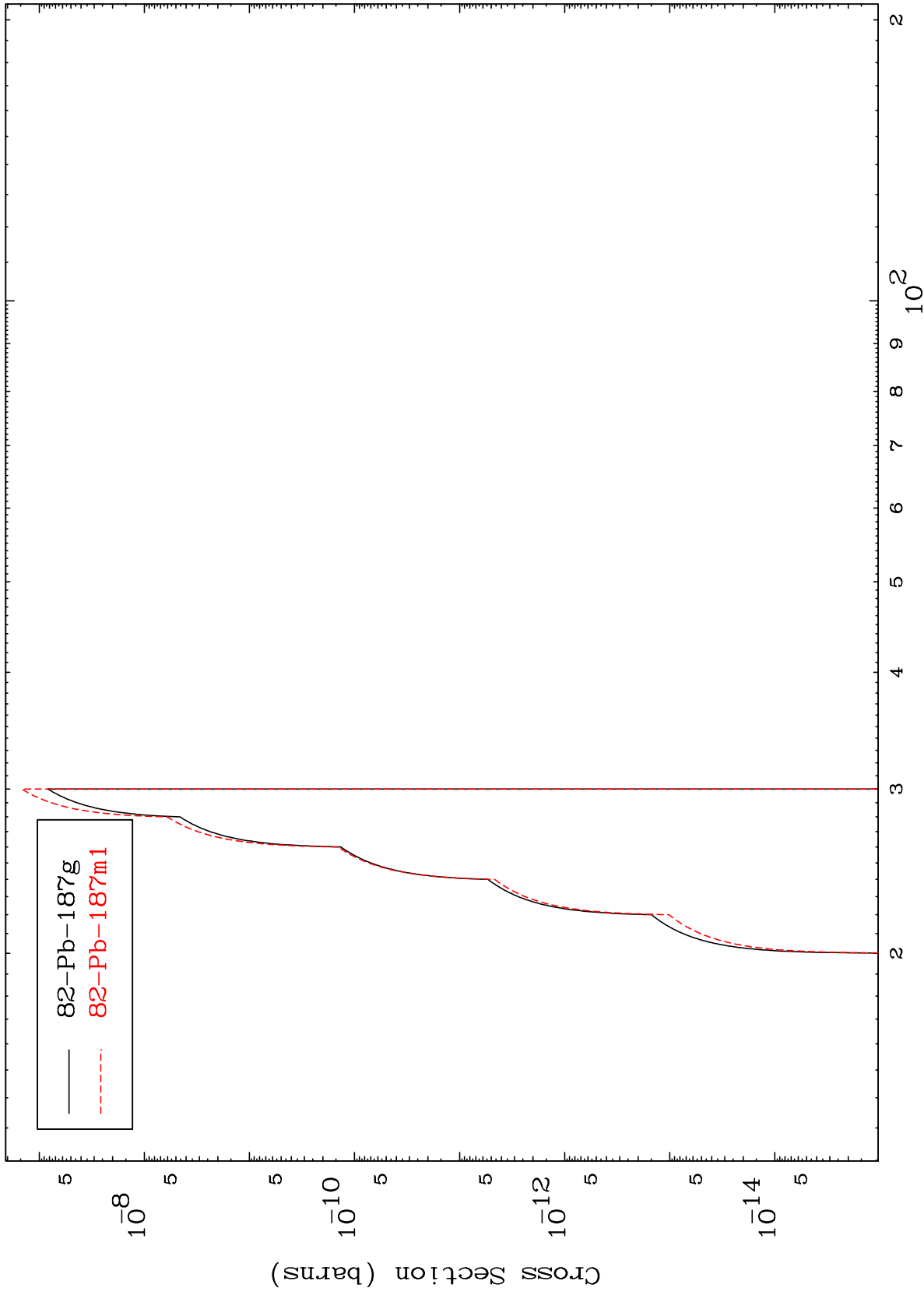
82-Pb-186

MAT 8171

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

$^{82}\text{Pb-186}$

Radionuclide Production Cross Section



14

Incident Energy (MeV)

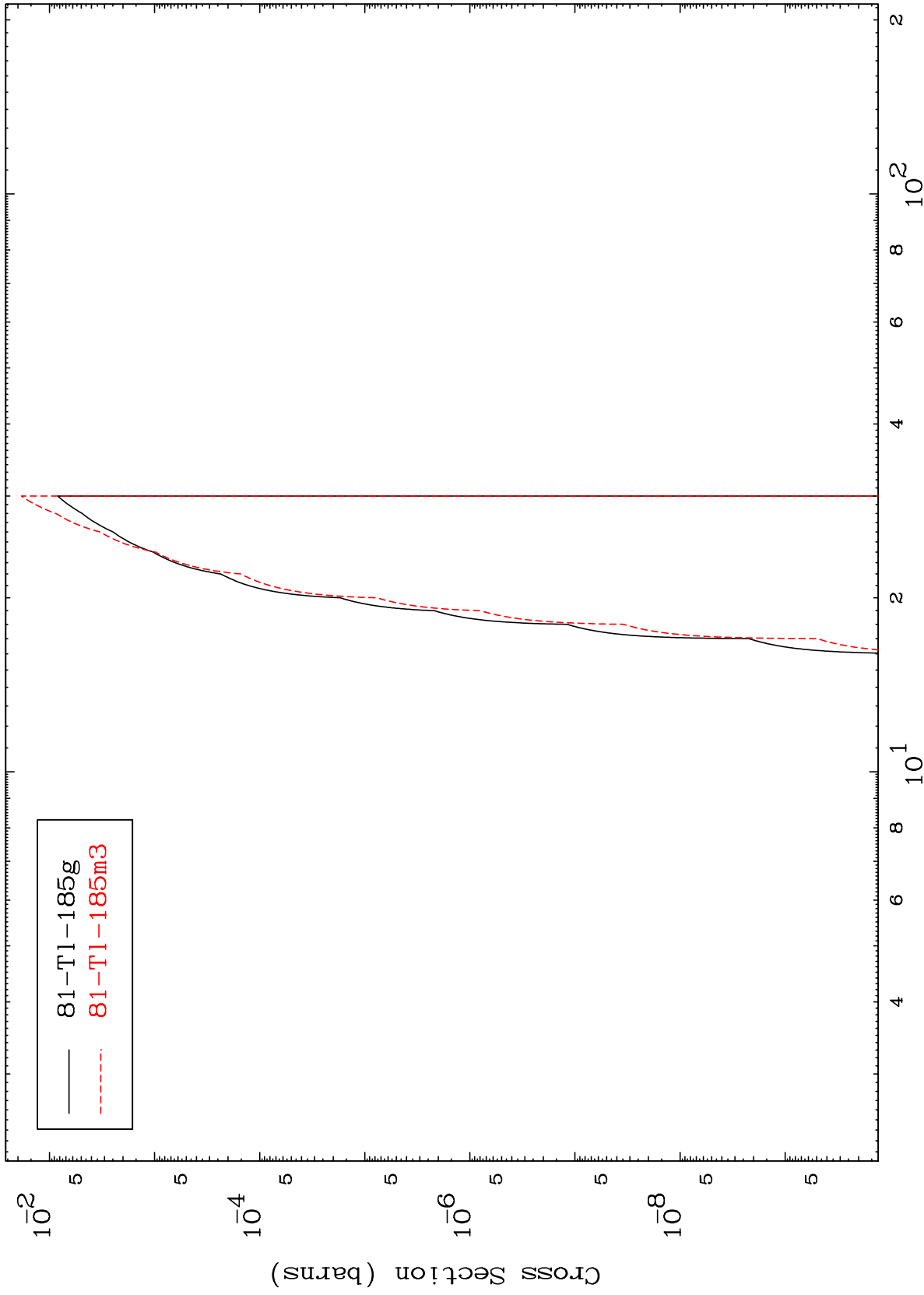
$^{82}\text{Pb-186}$

MAT 8171

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

82-Pb-186

Radionuclide Production Cross Section



15

Incident Energy (MeV)

82-Pb-186

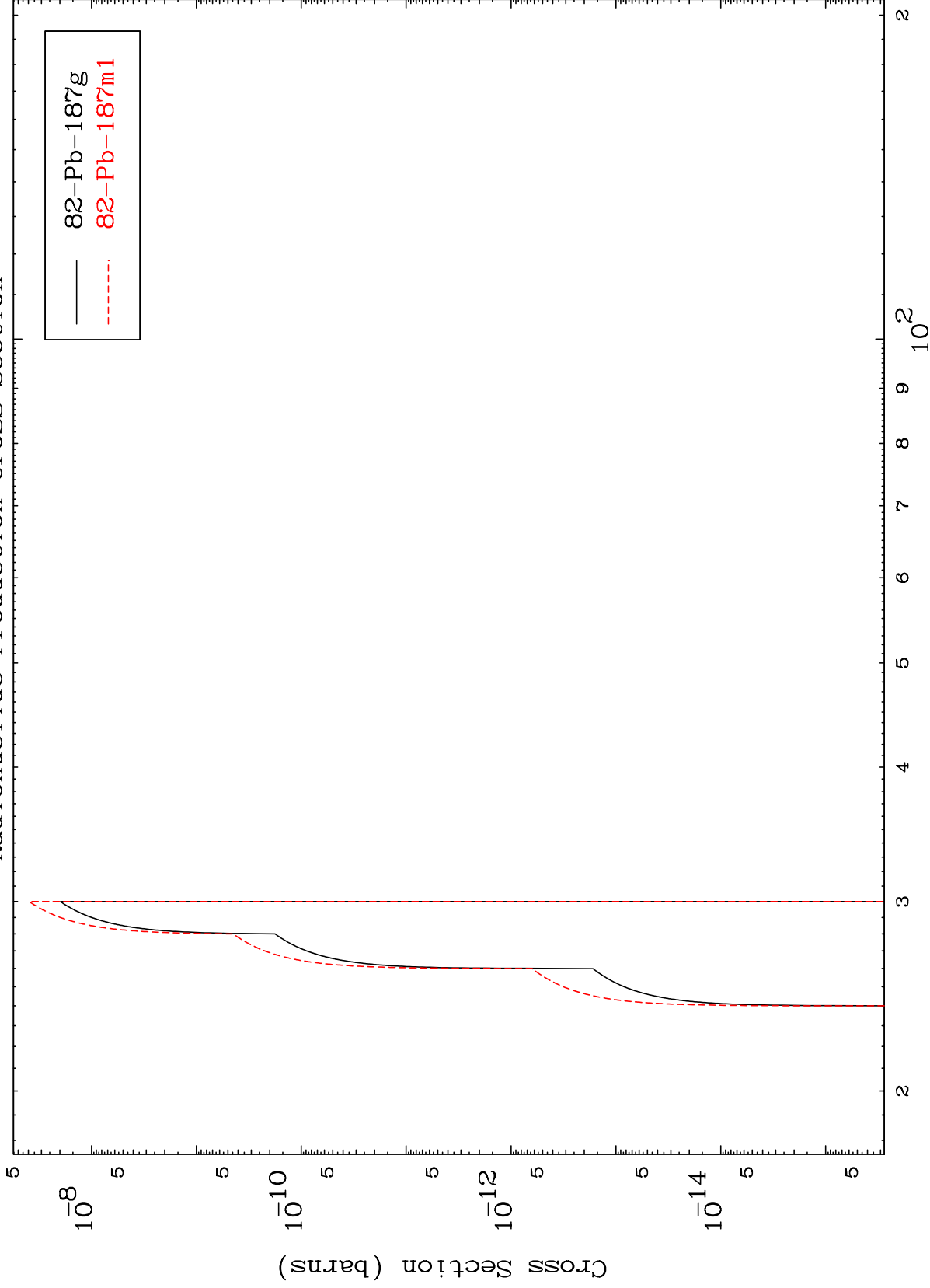


MAT 8171

( $\alpha, p$ ) d

82-Pb-186

Radionuclide Production Cross Section



16

Incident Energy (MeV)

82-Pb-186