

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

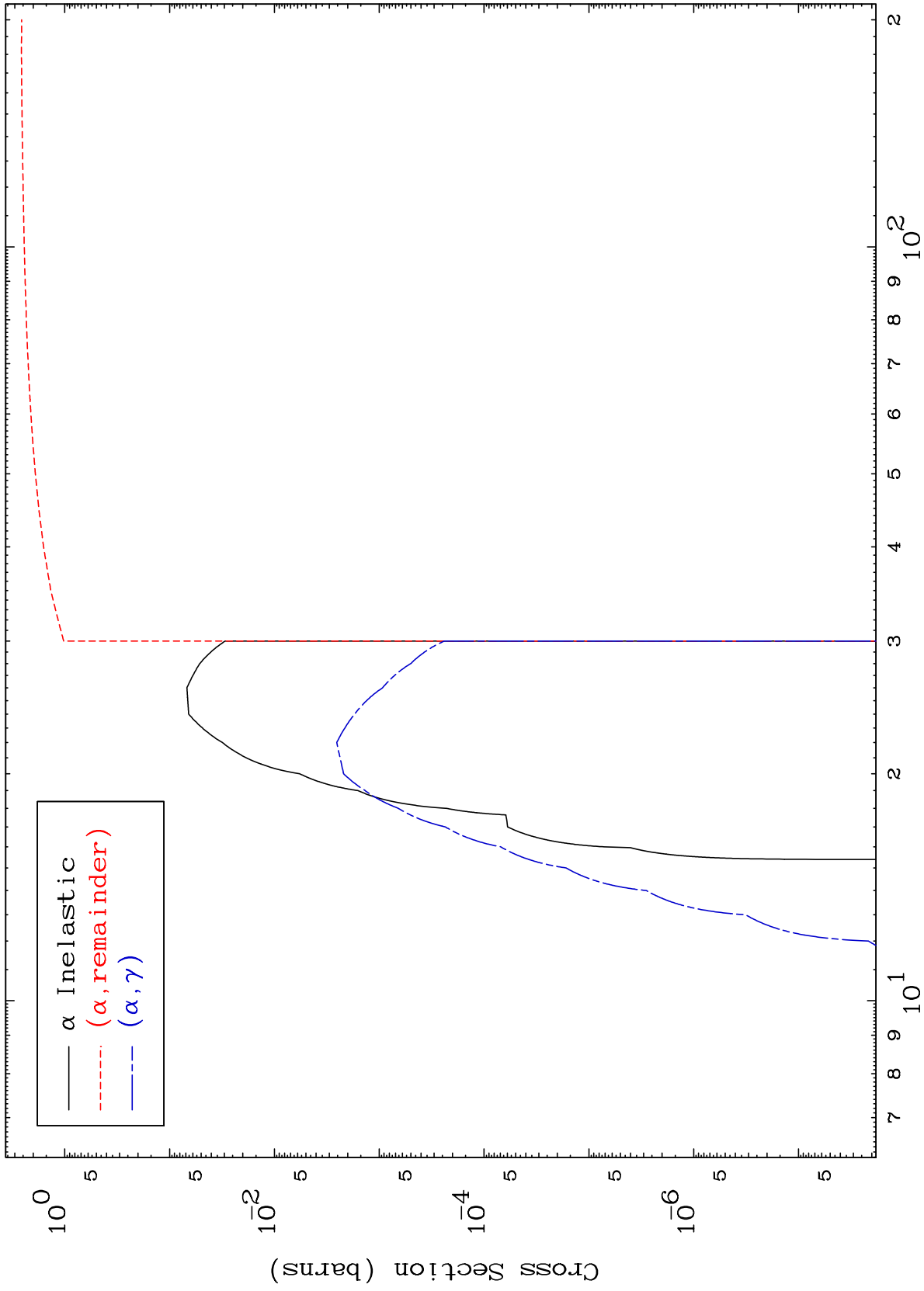
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7780

0 Kelvin  $\alpha$  Major  
Cross Sections

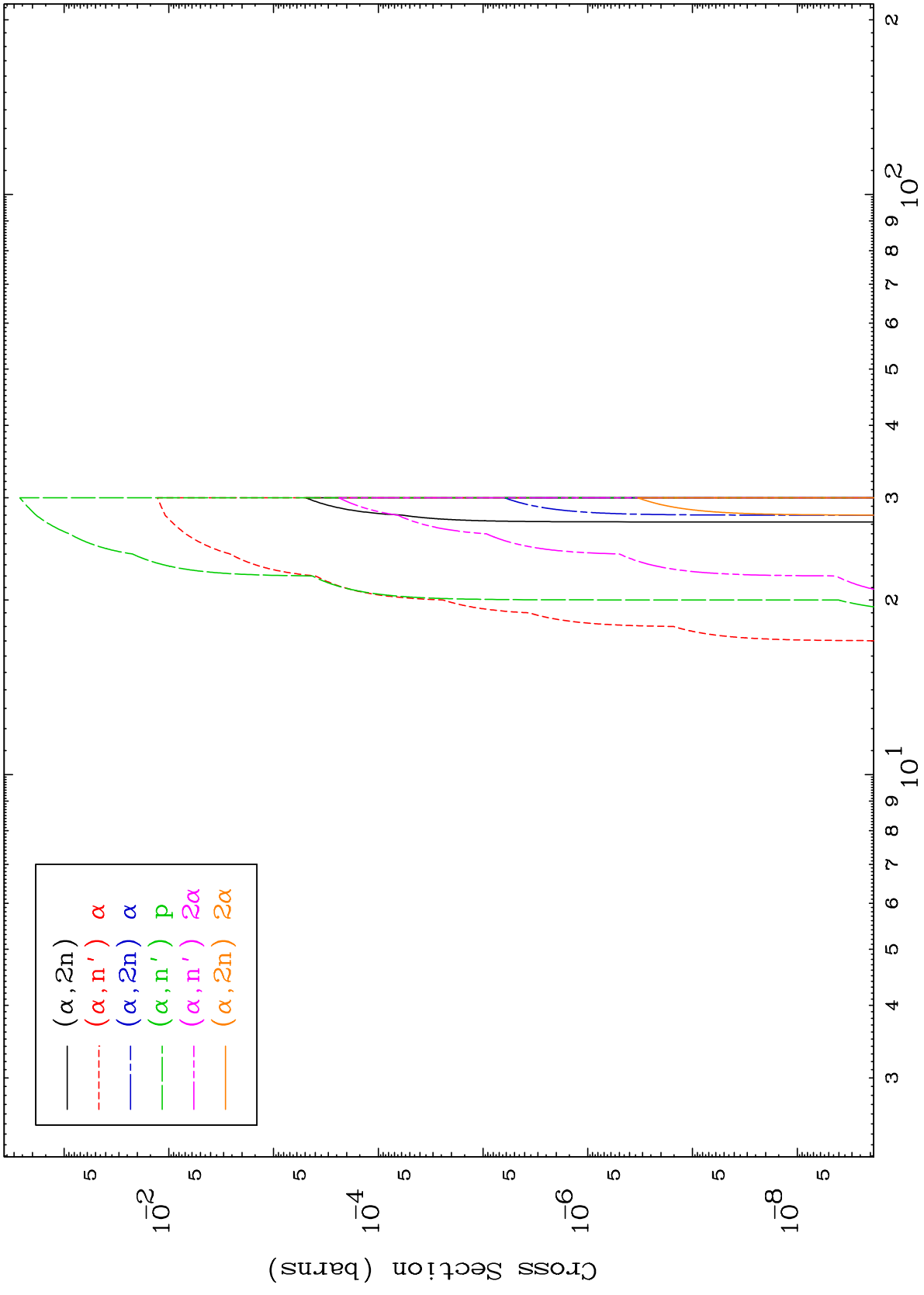
78-Pt-175

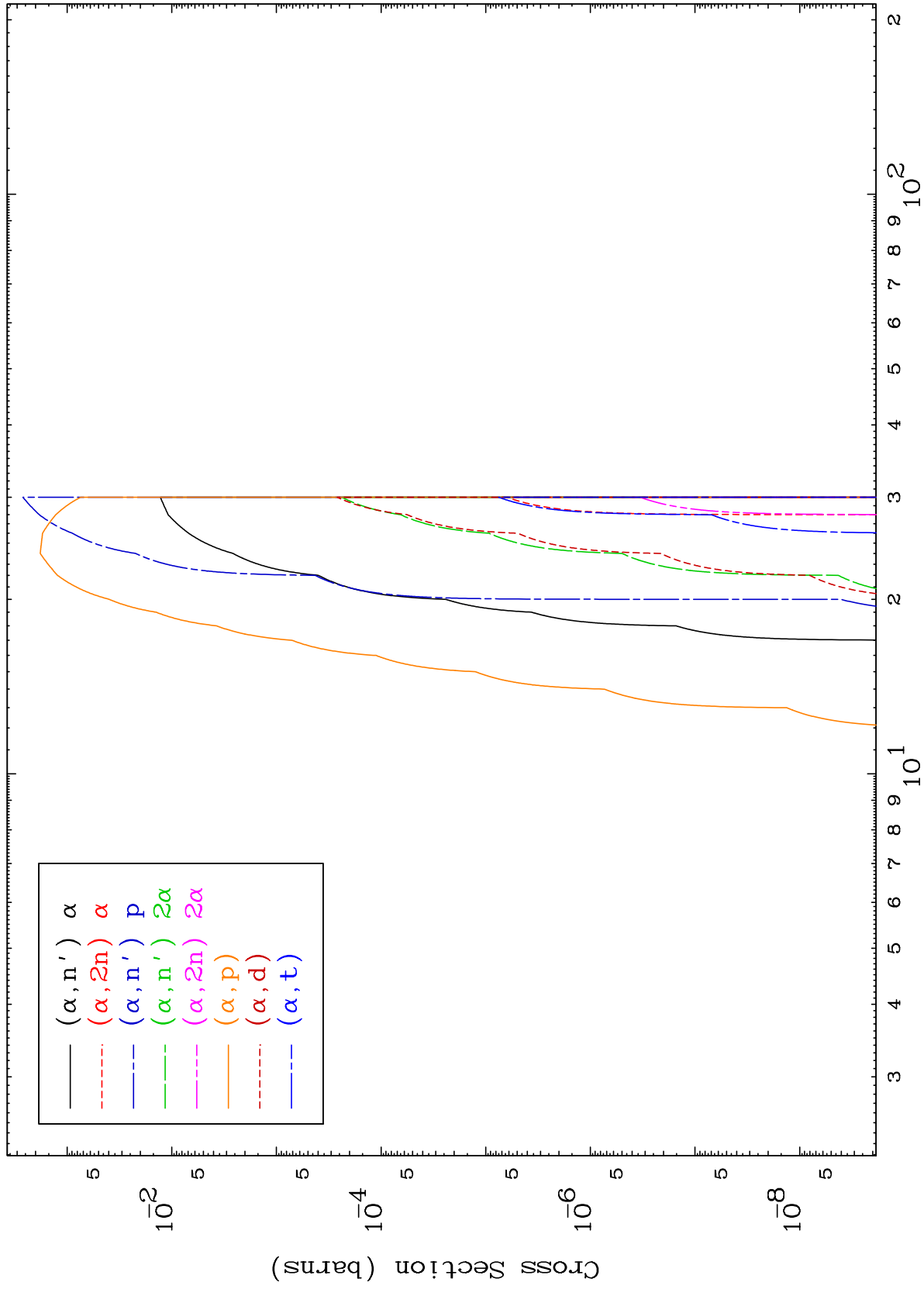


1

Incident Energy (MeV)

78-Pt-175

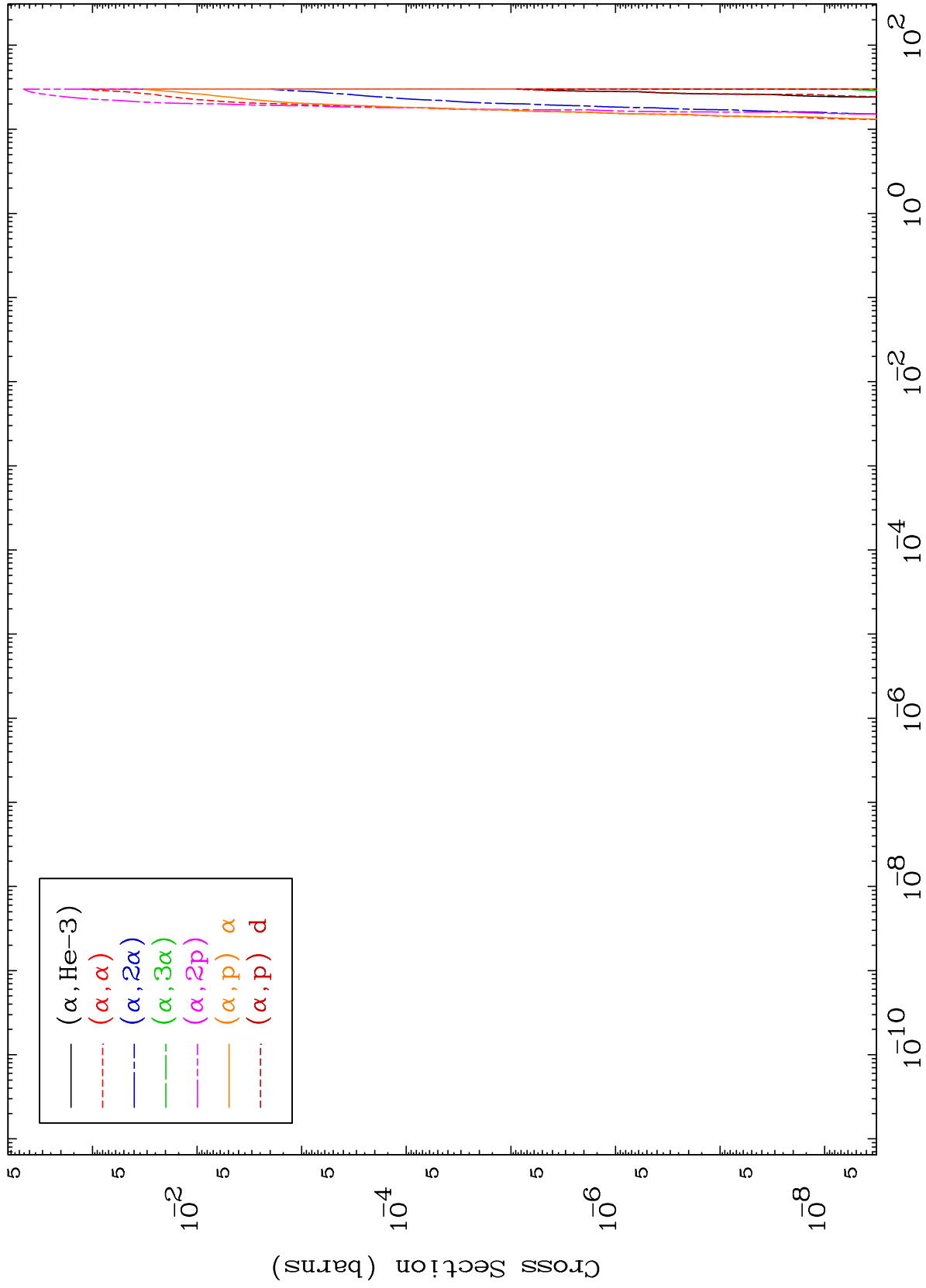




MAT 7780

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

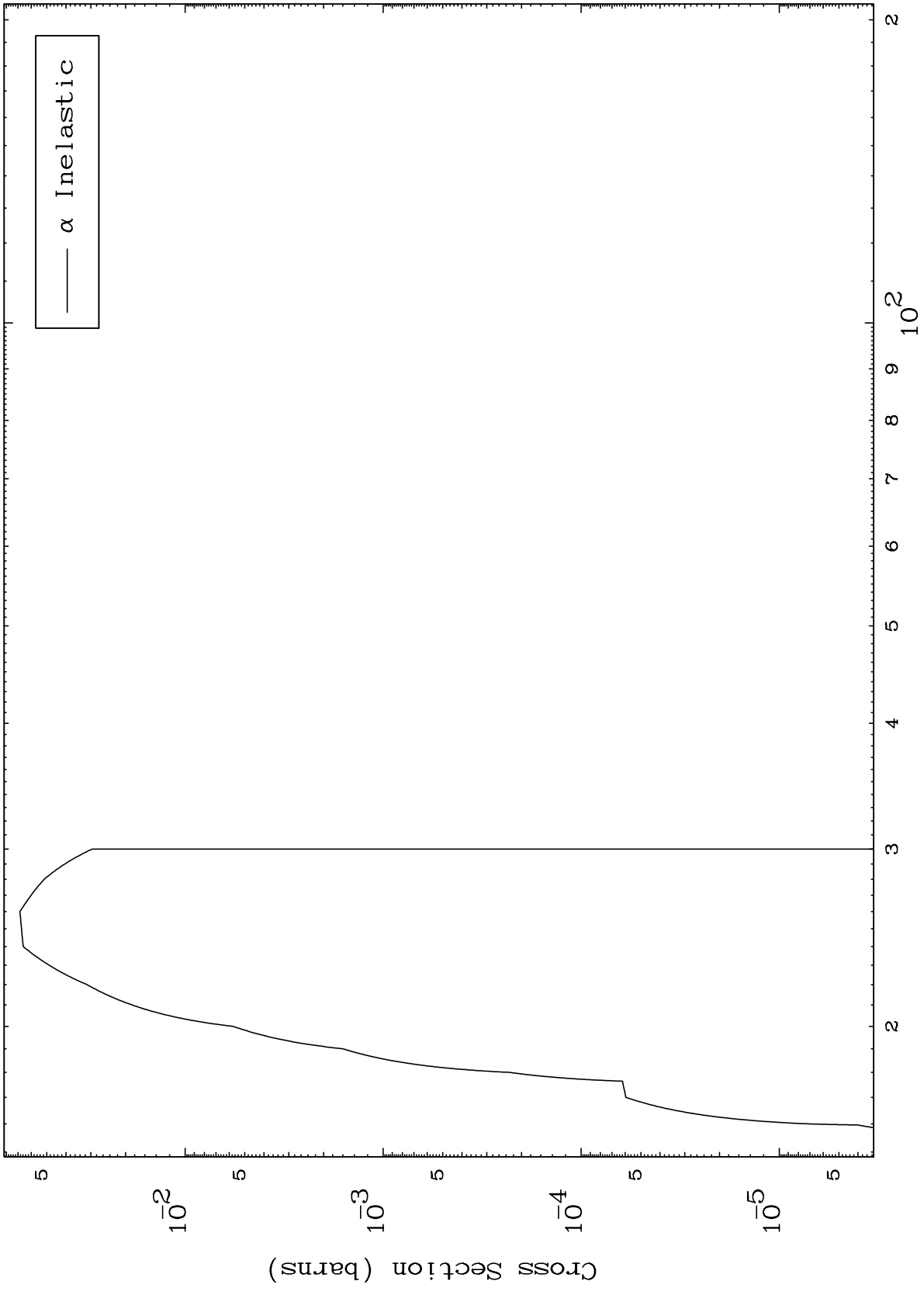
78-Pt-175



MAT 7780

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

78-Pt-175



5

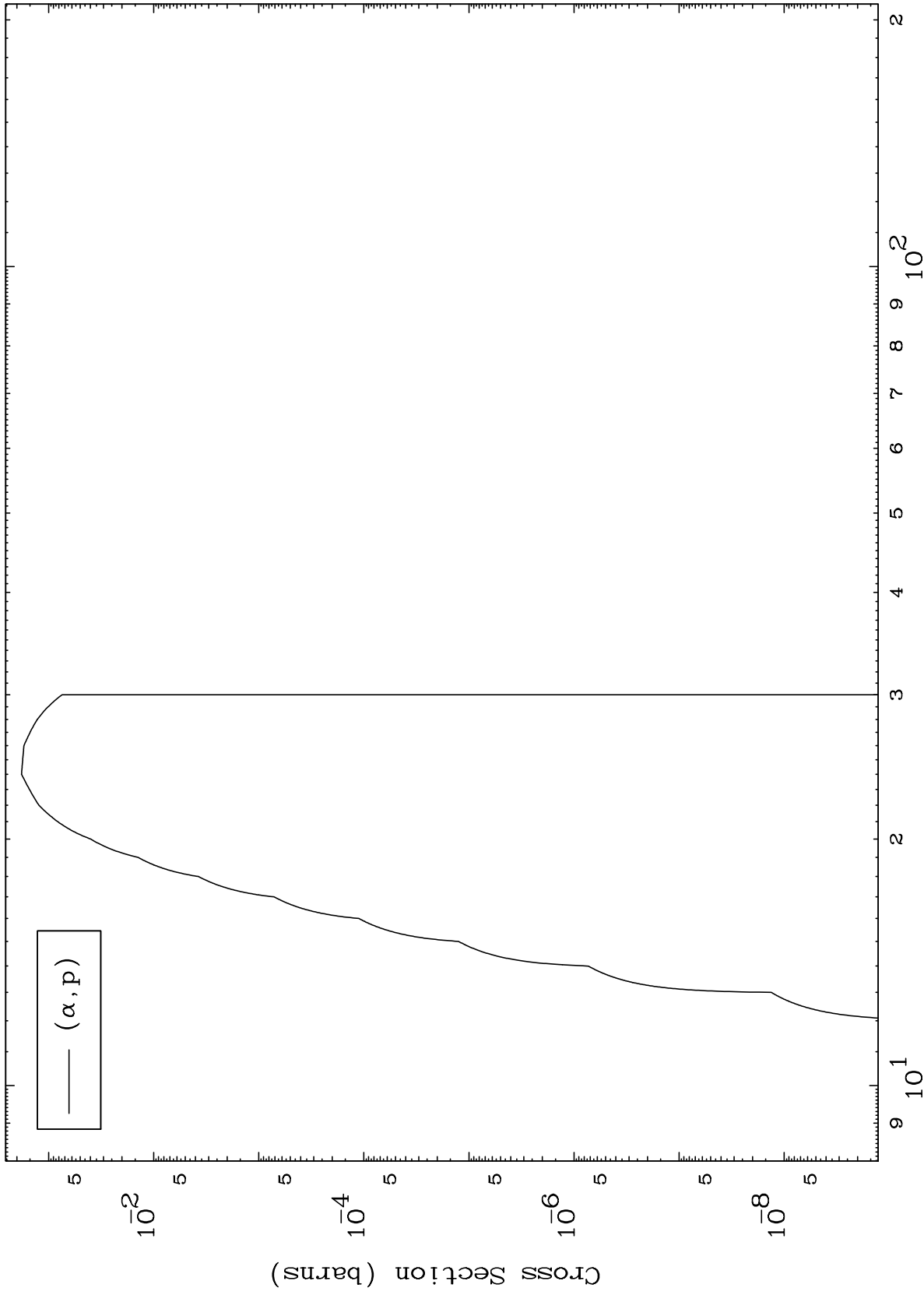
Incident Energy (MeV)

78-Pt-175

MAT 7780

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

78-Pt-175



6

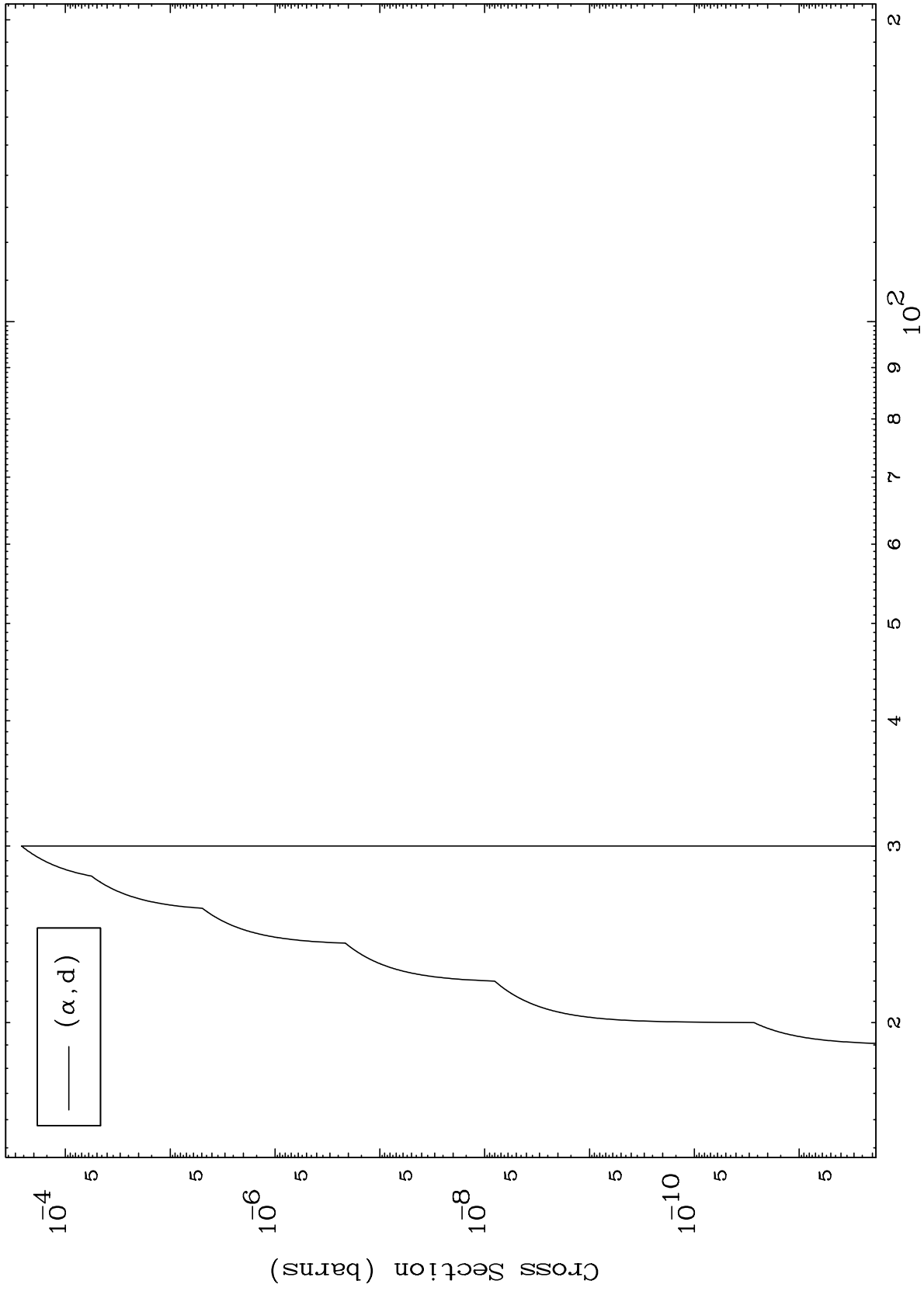
Incident Energy (MeV)

78-Pt-175

MAT 7780

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

78-Pt-175



7

Incident Energy (MeV)

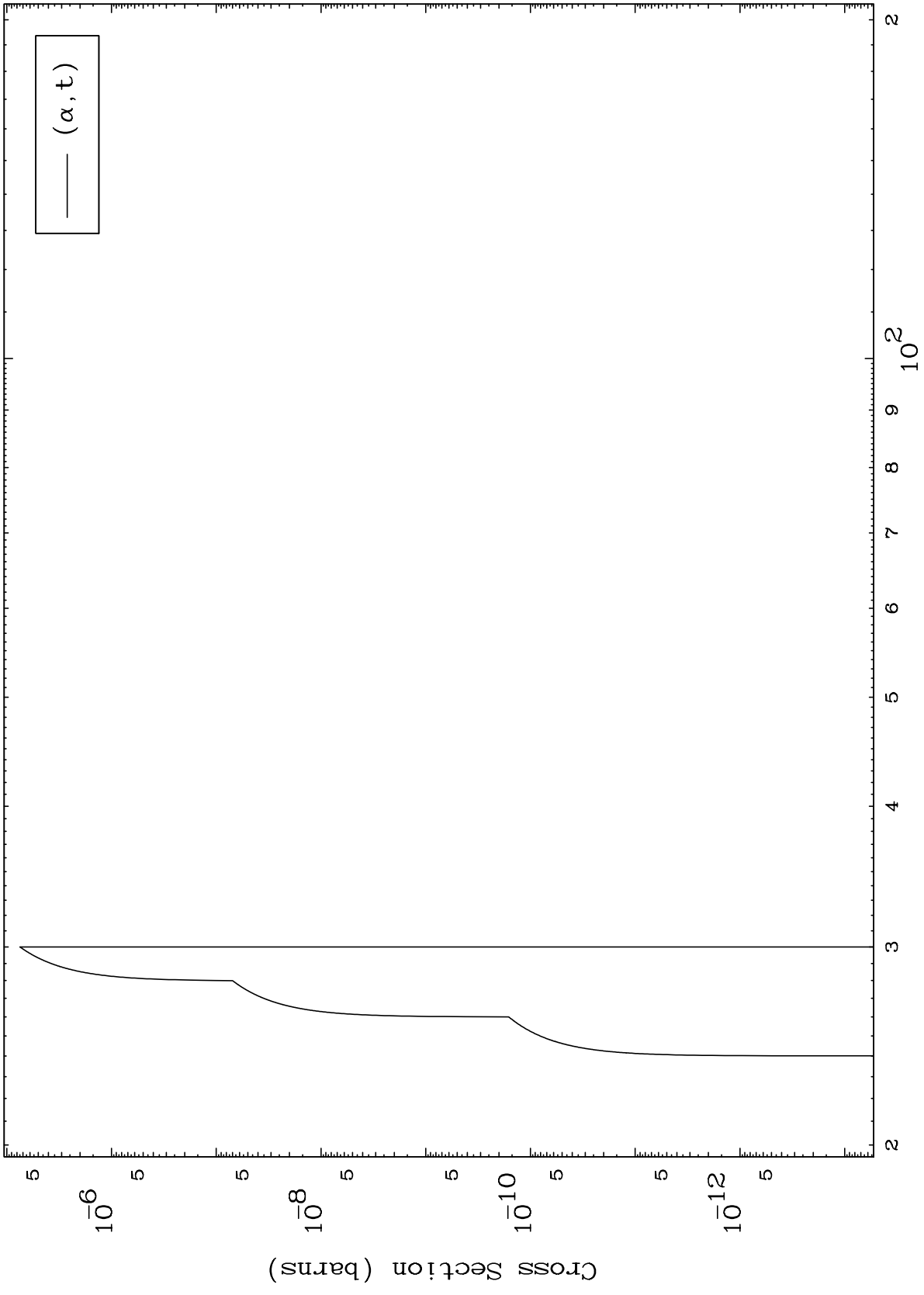
78-Pt-175



MAT 7780

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

78-Pt-175



8

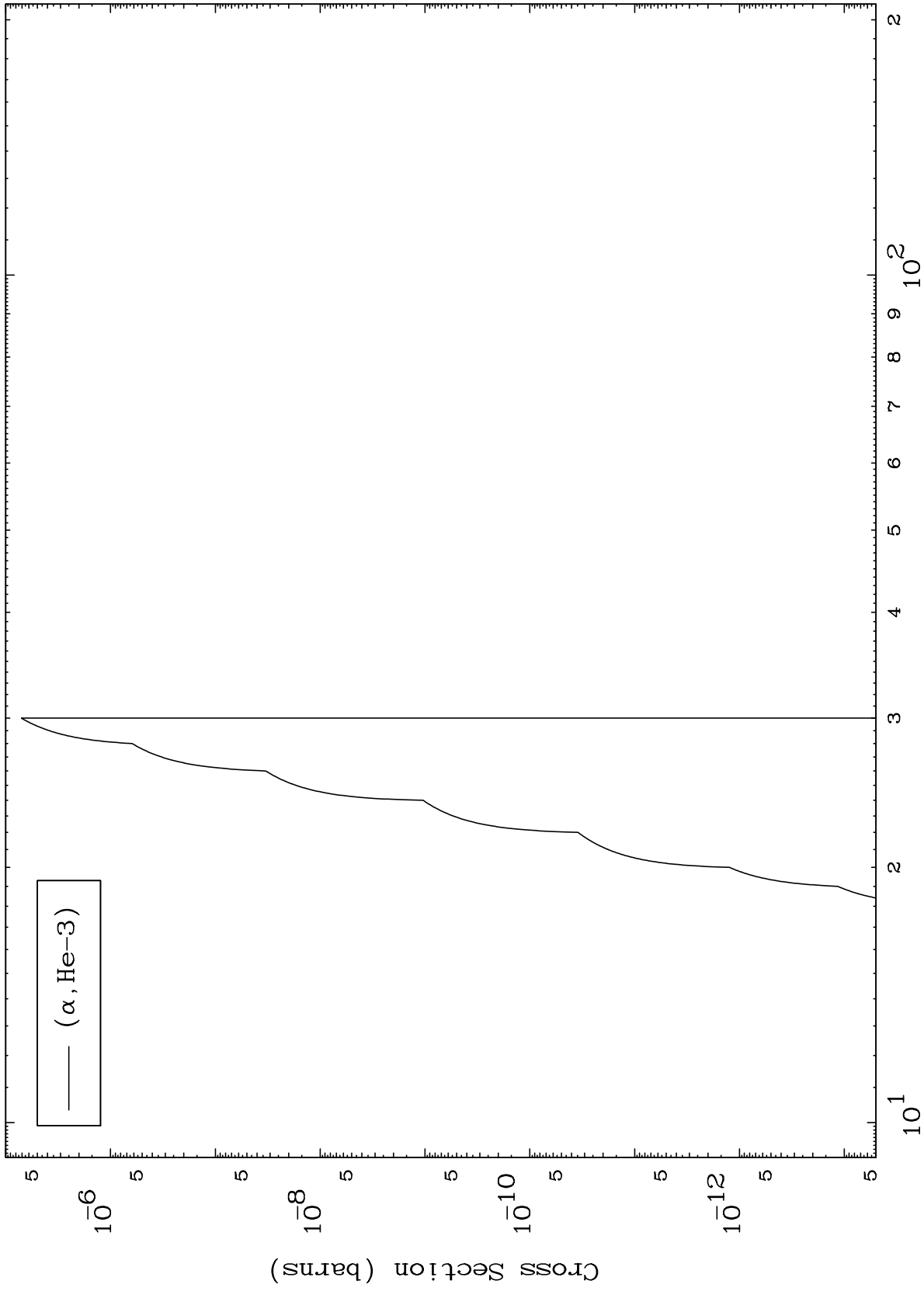
Incident Energy (MeV)

78-Pt-175

MAT 7780

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

78-Pt-175



9

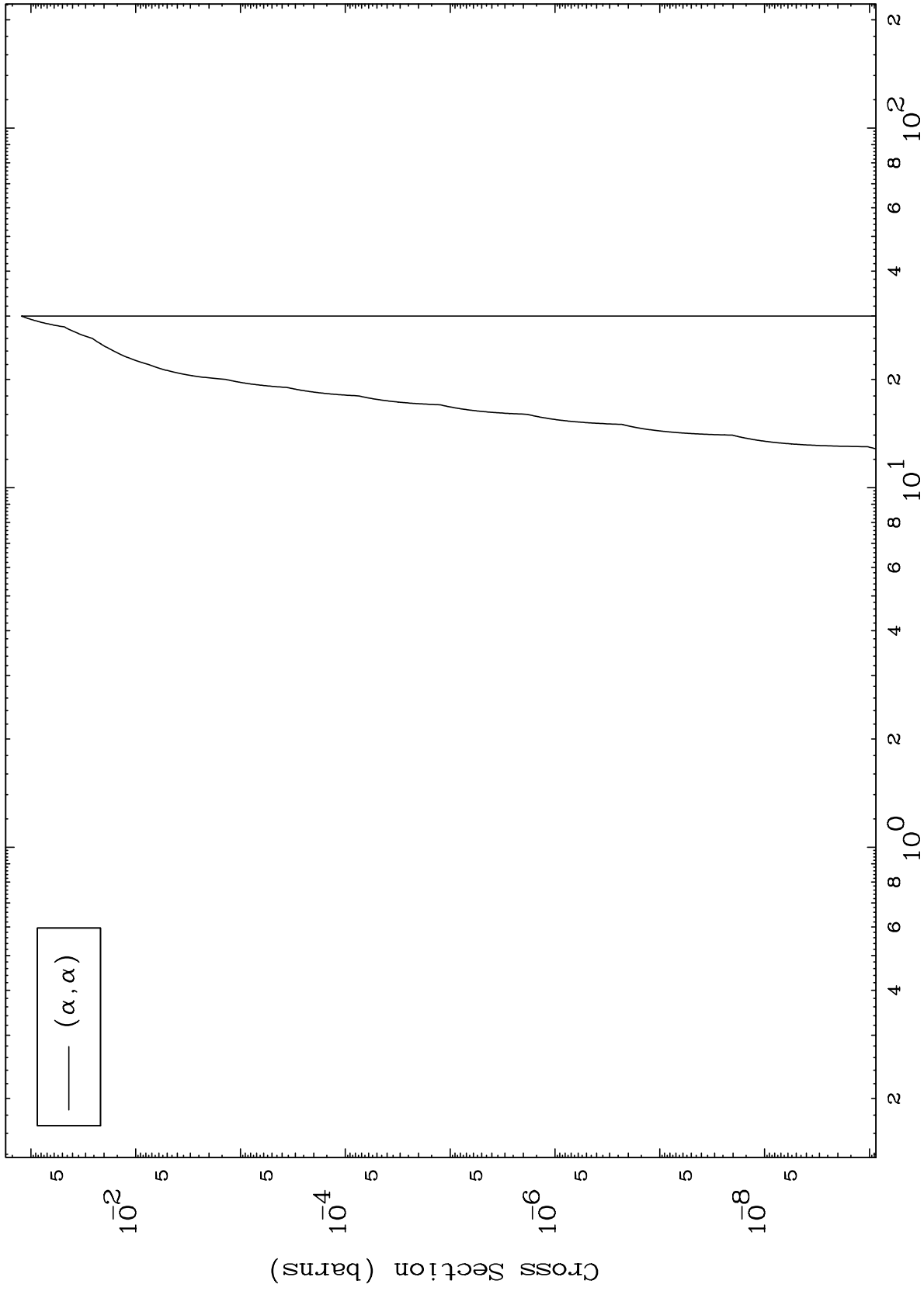
Incident Energy (MeV)

78-Pt-175

MAT 7780

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

78-Pt-175



10

Incident Energy (MeV)

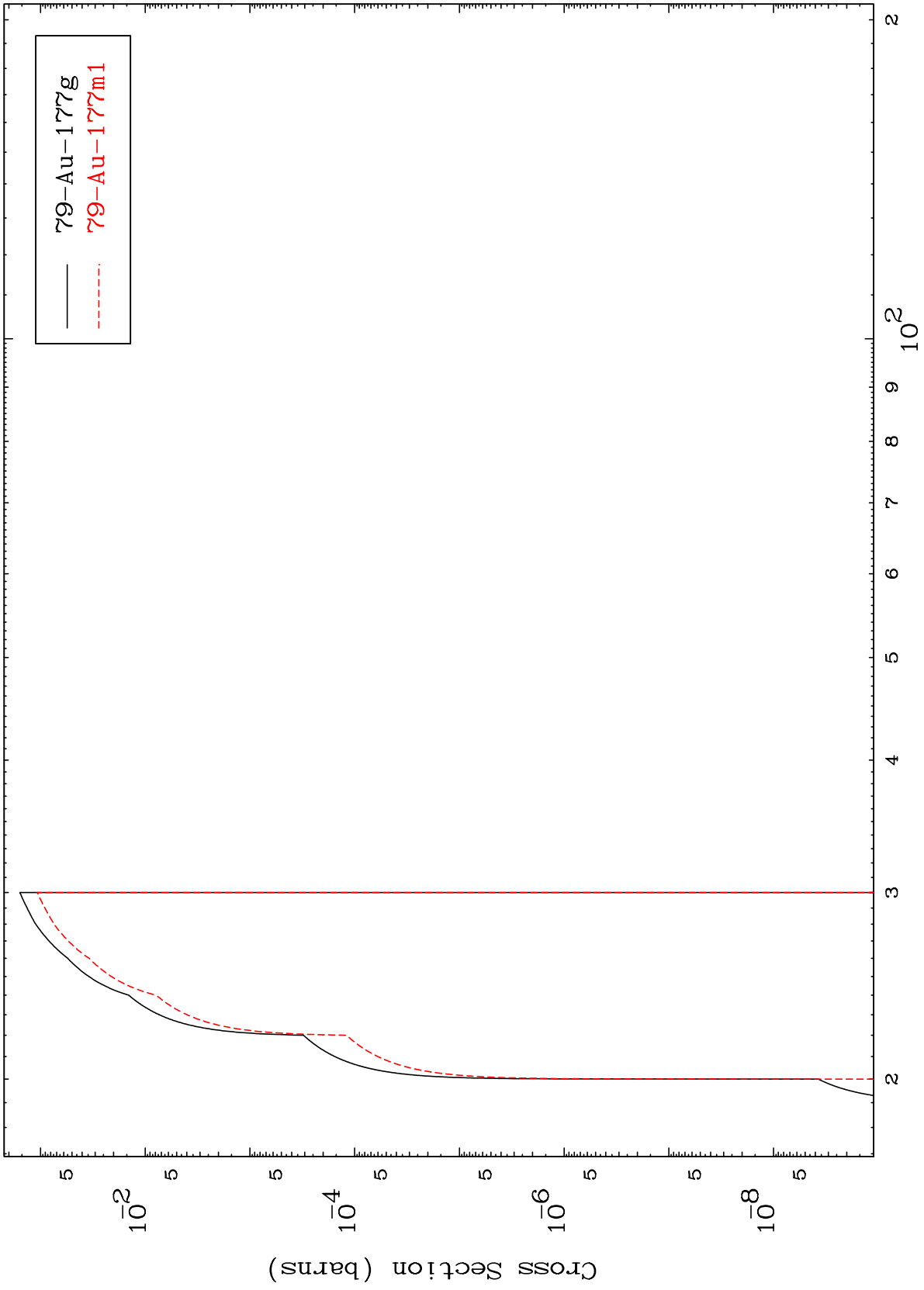
78-Pt-175

MAT 7780

$(\alpha, n')$  p

78-Pt-175

Radionuclide Production Cross Section



11

Incident Energy (MeV)

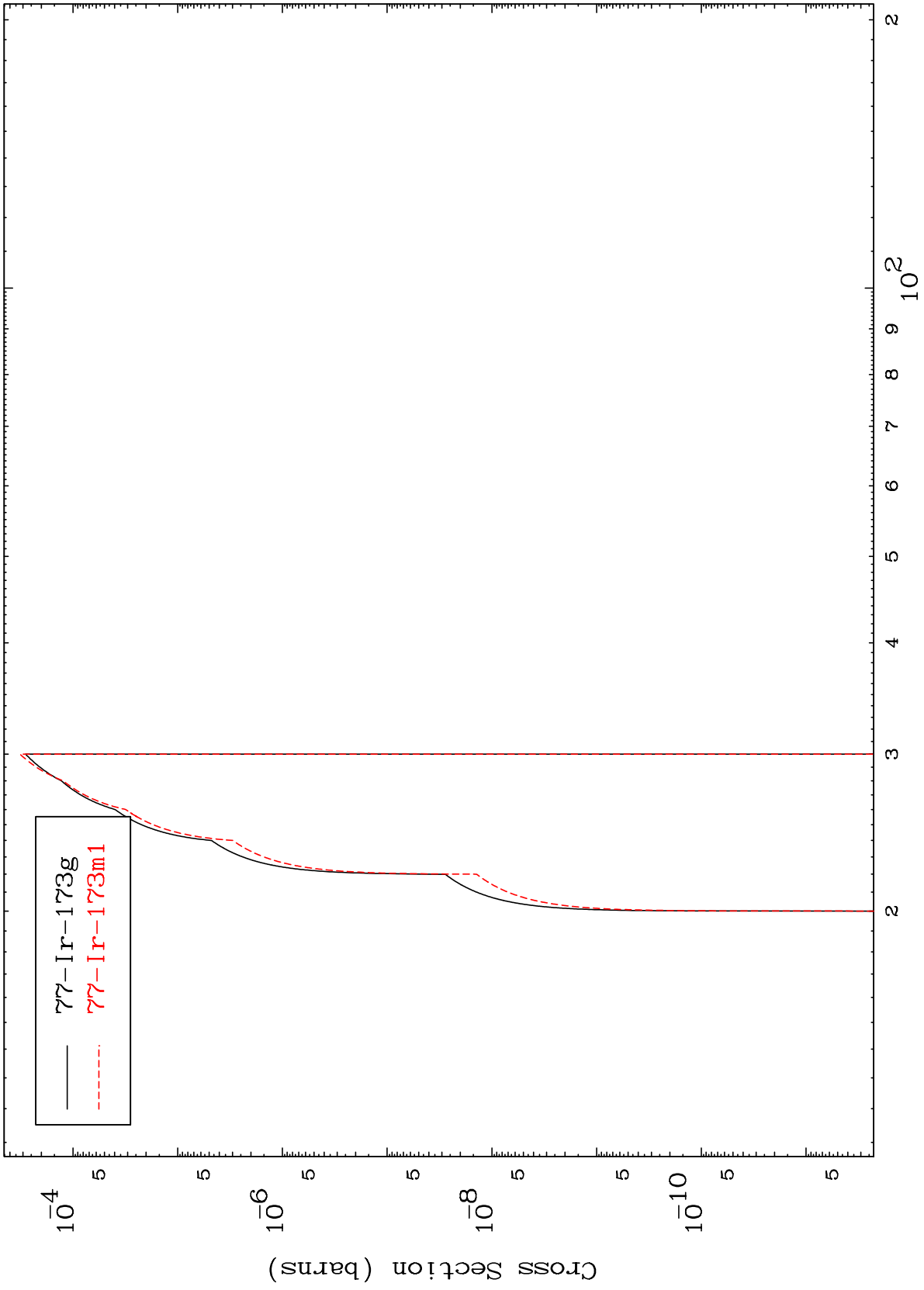
78-Pt-175

MAT 7780

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

78-Pt-175

Radionuclide Production Cross Section



12

Incident Energy (MeV)

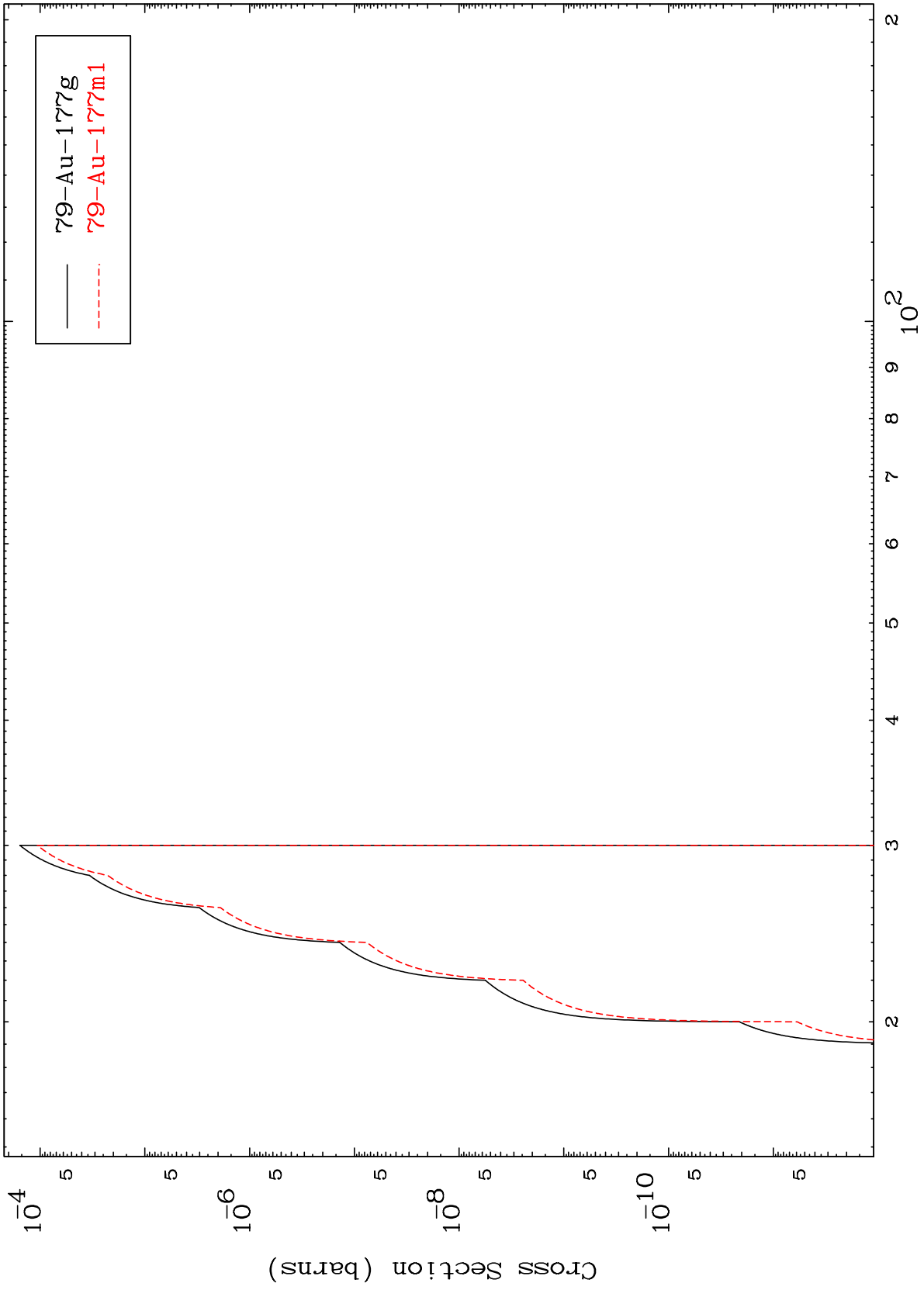
78-Pt-175

MAT 7780

( $\alpha, d$ )

78-Pt-175

Radionuclide Production Cross Section



13

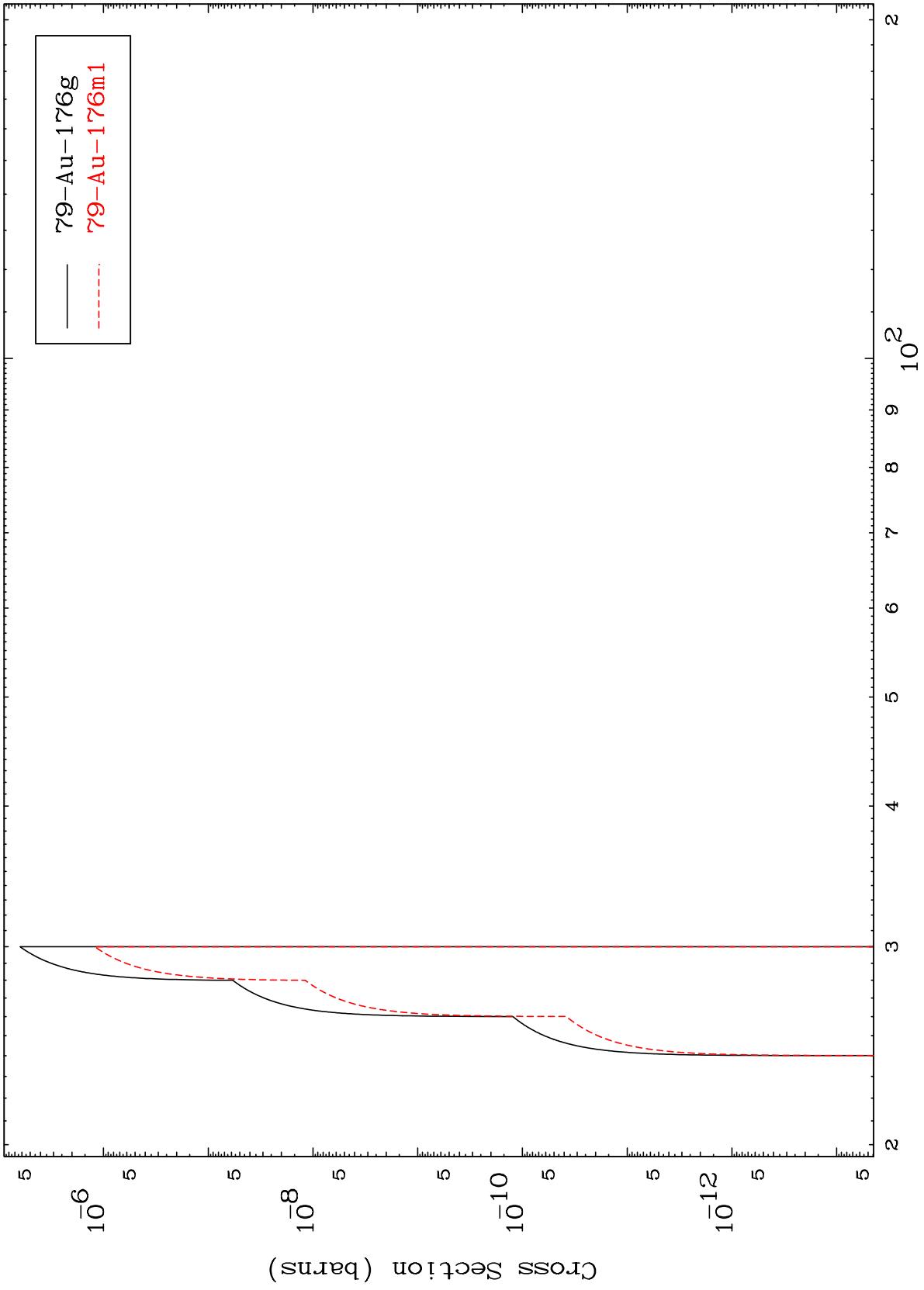
Incident Energy (MeV)

78-Pt-175

MAT 7780

78-Pt-175

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



14

Incident Energy (MeV)

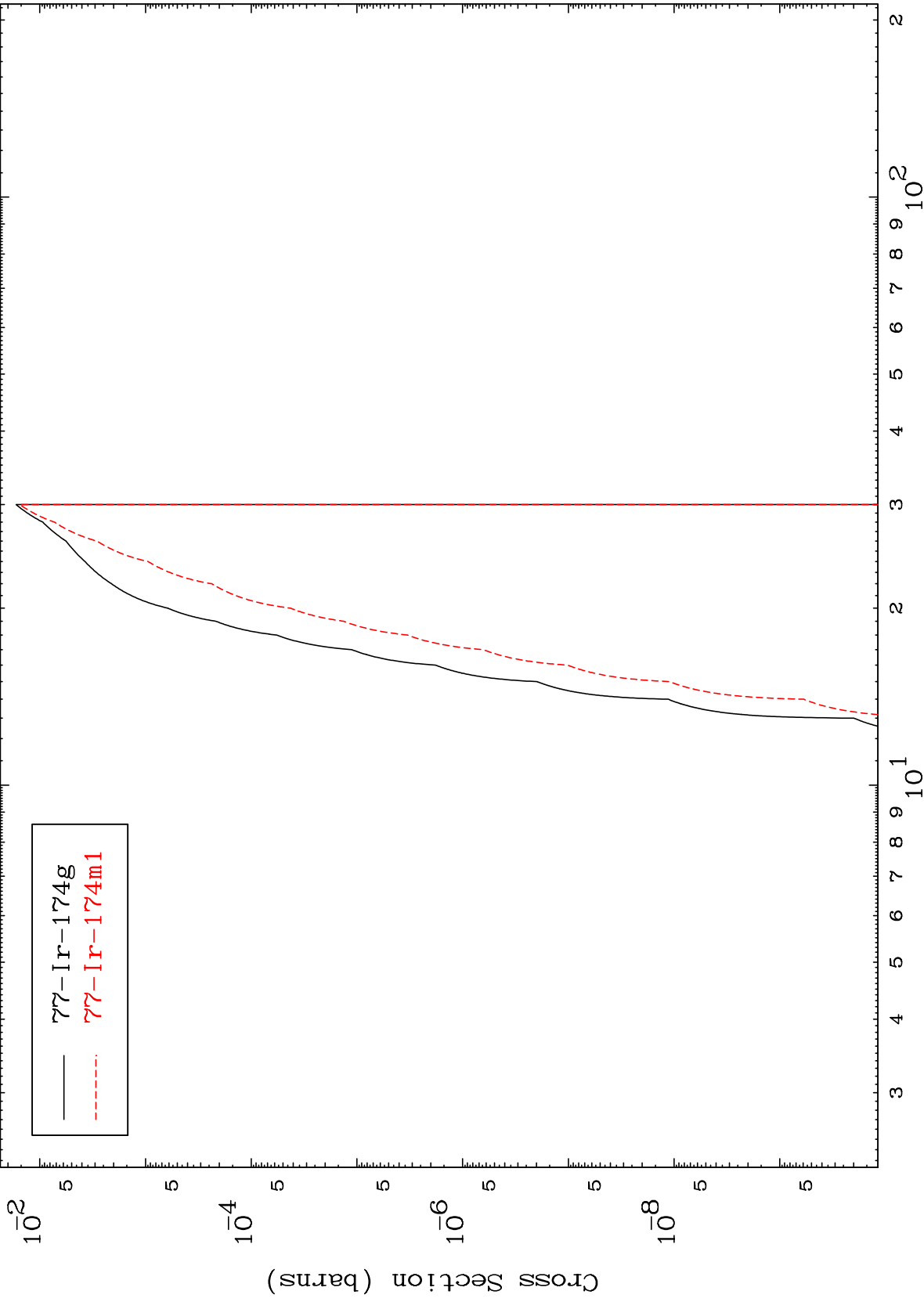
78-Pt-175

MAT 7780

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

78-Pt-175

Radionuclide Production Cross Section



77-Ir-174g  
77-Ir-174m1

15

Incident Energy (MeV)

78-Pt-175

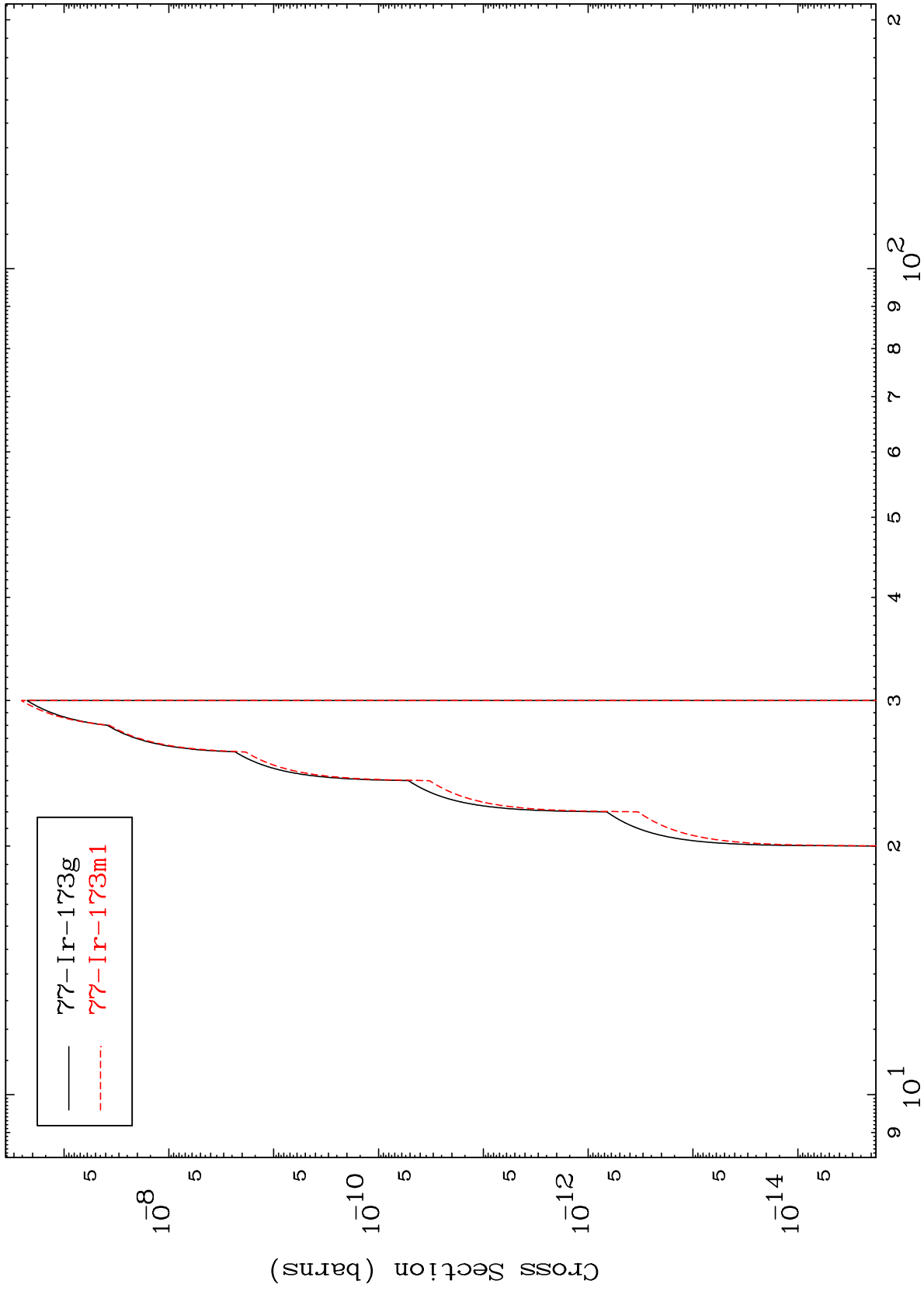


MAT 7780

( $\alpha, d$ )  $\alpha$

78-Pt-175

Radionuclide Production Cross Section



16

Incident Energy (MeV)

78-Pt-175