

Program EVALPLOT  
(Version 2018-1)

by

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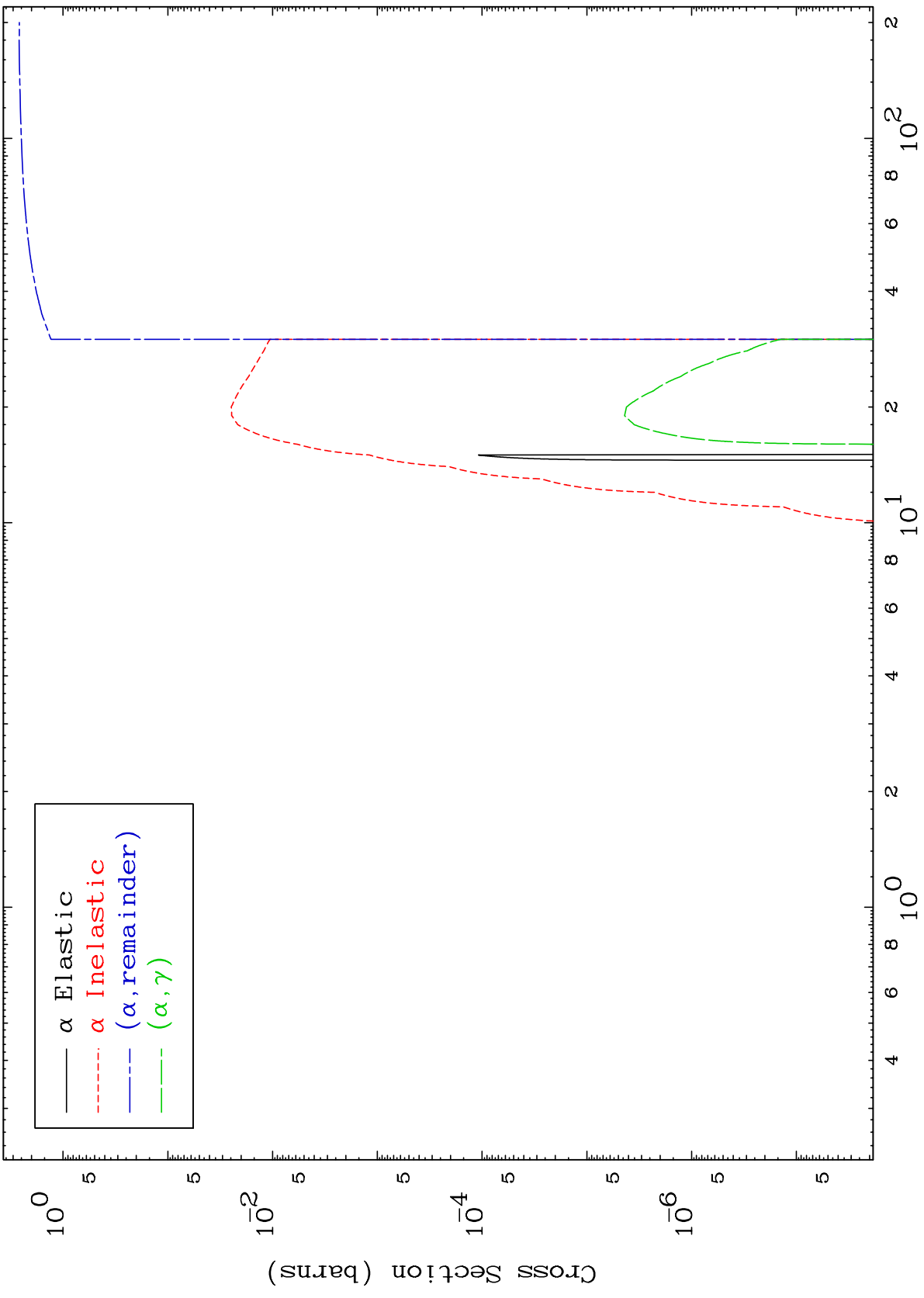
Press Mouse Button to Start

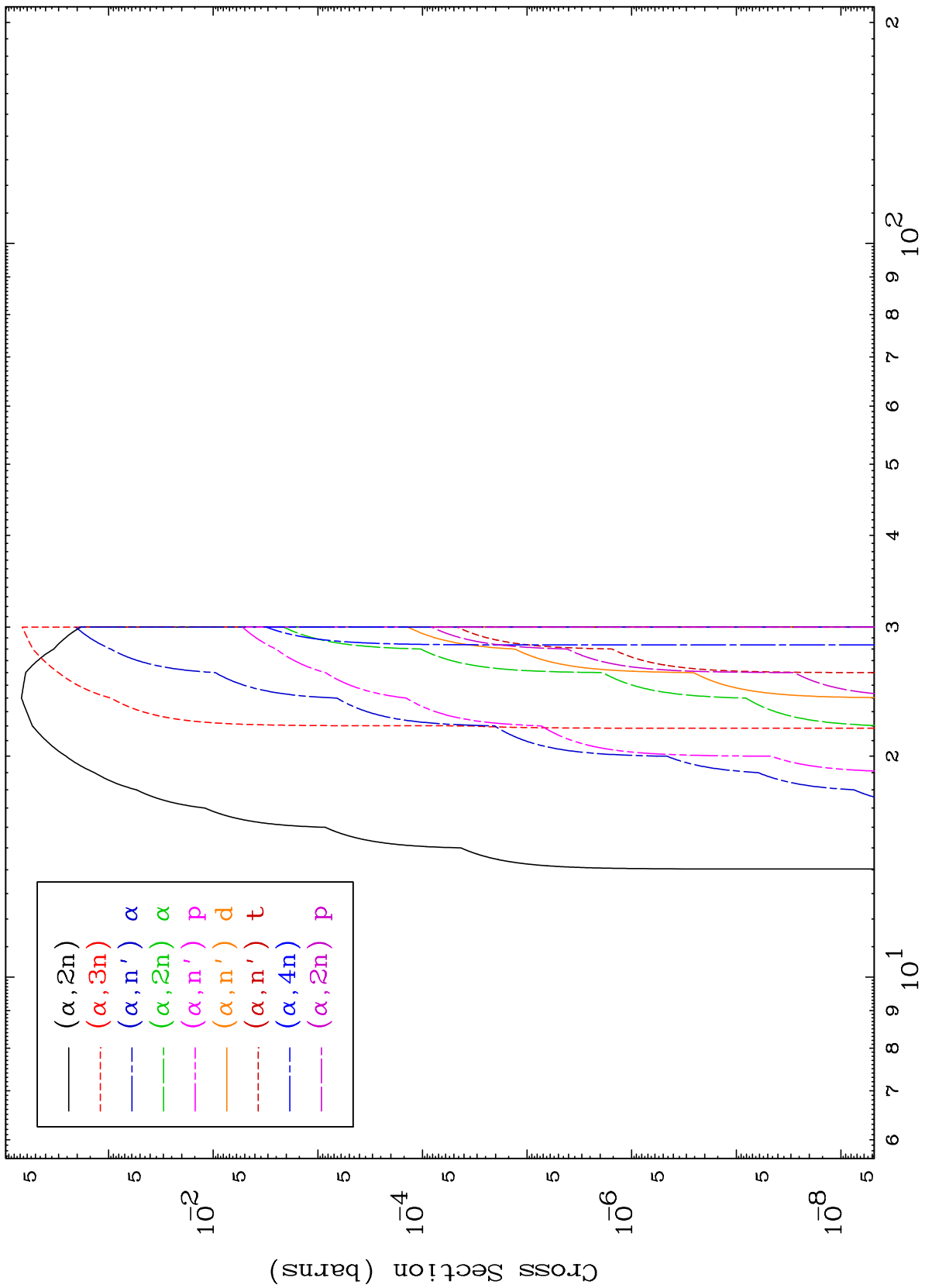
MAT 7050

$\alpha$  Major

70-Yb-176

0 Kelvin Cross Sections

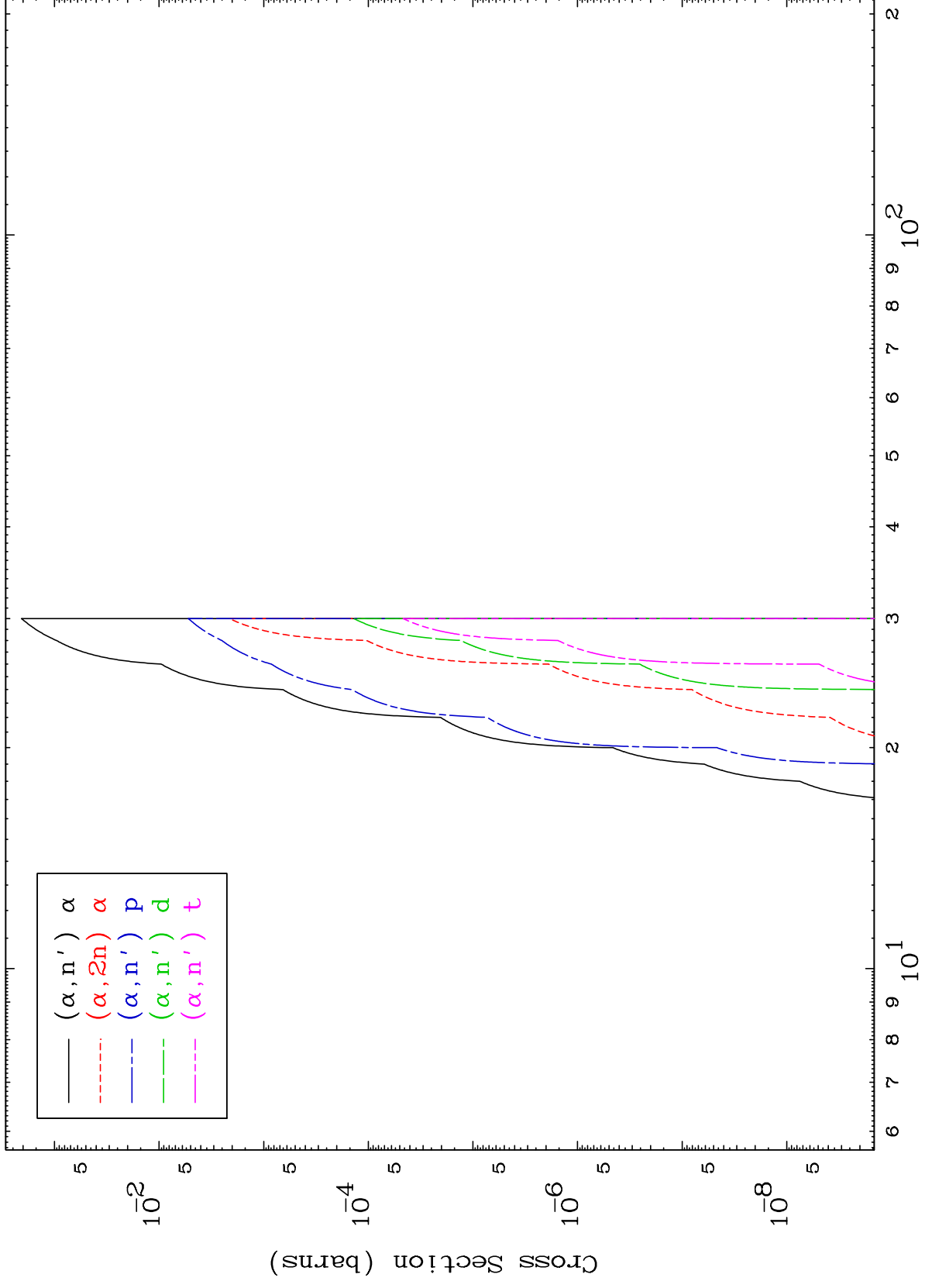




MAT 7050

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

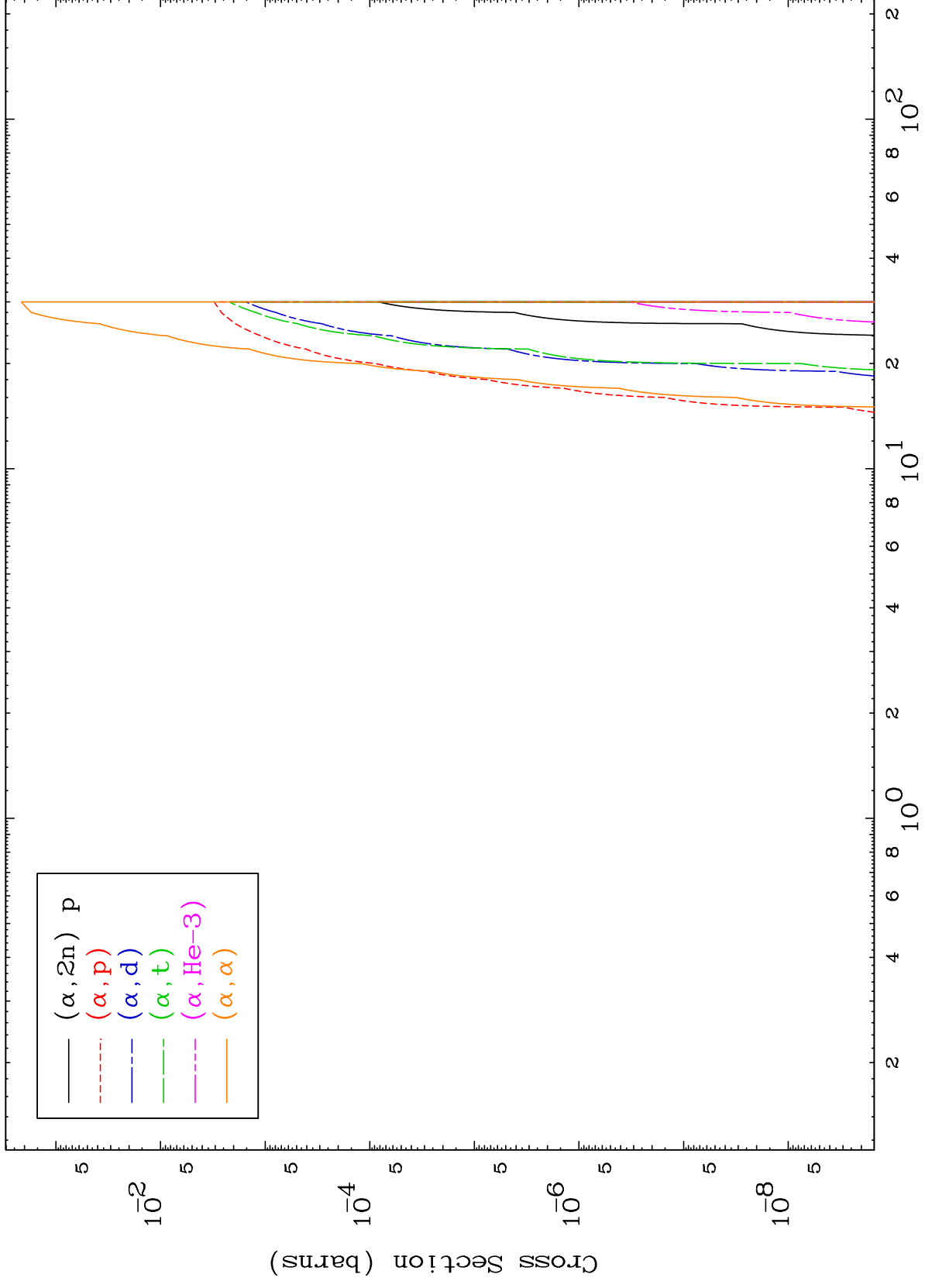
70-Yb-176



MAT 7050

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

70-Yb-176

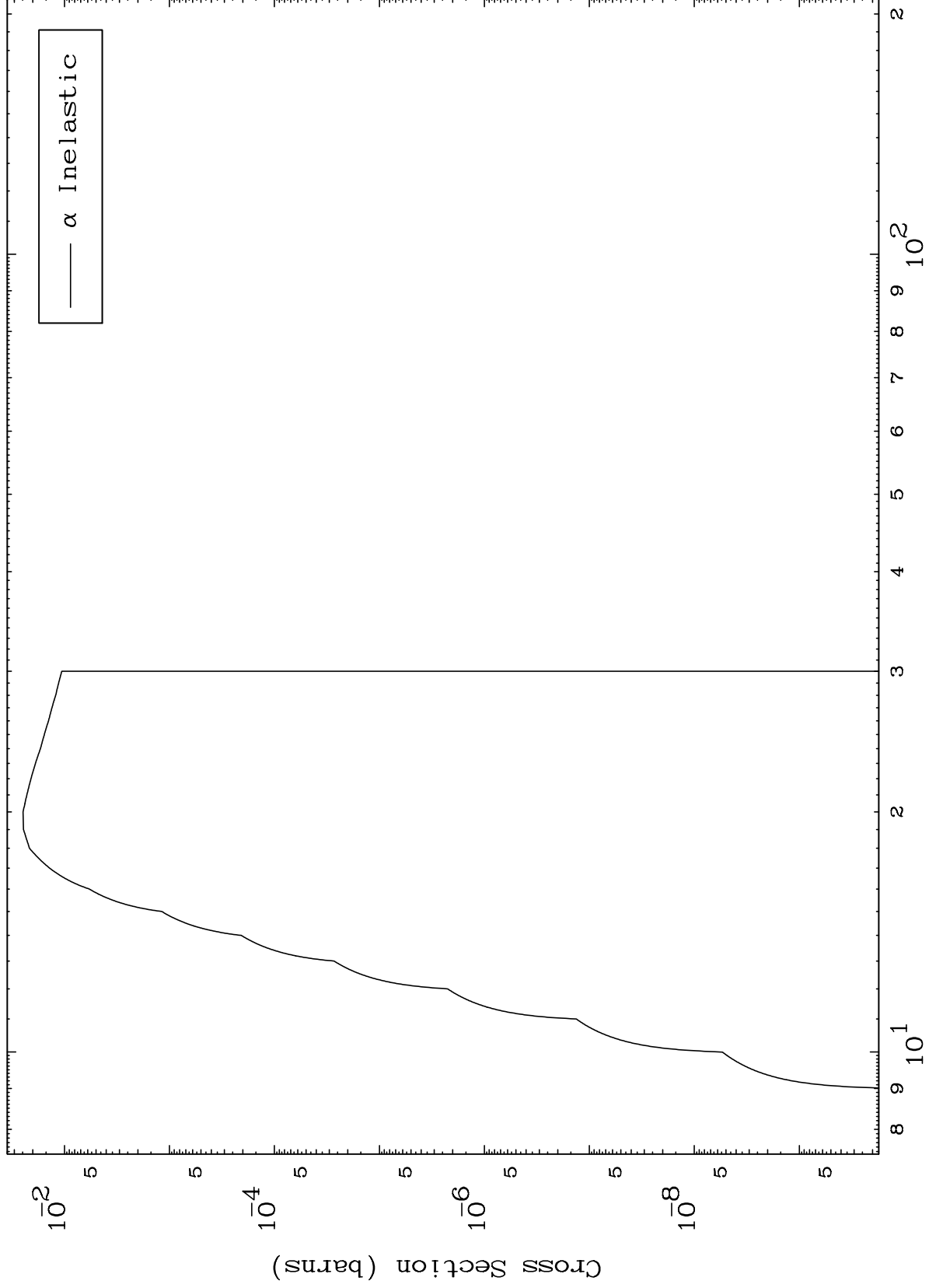


MAT 7050

( $\alpha, n'$ ) Level

70-Yb-176

0 Kelvin Cross Sections



5

Incident Energy (MeV)

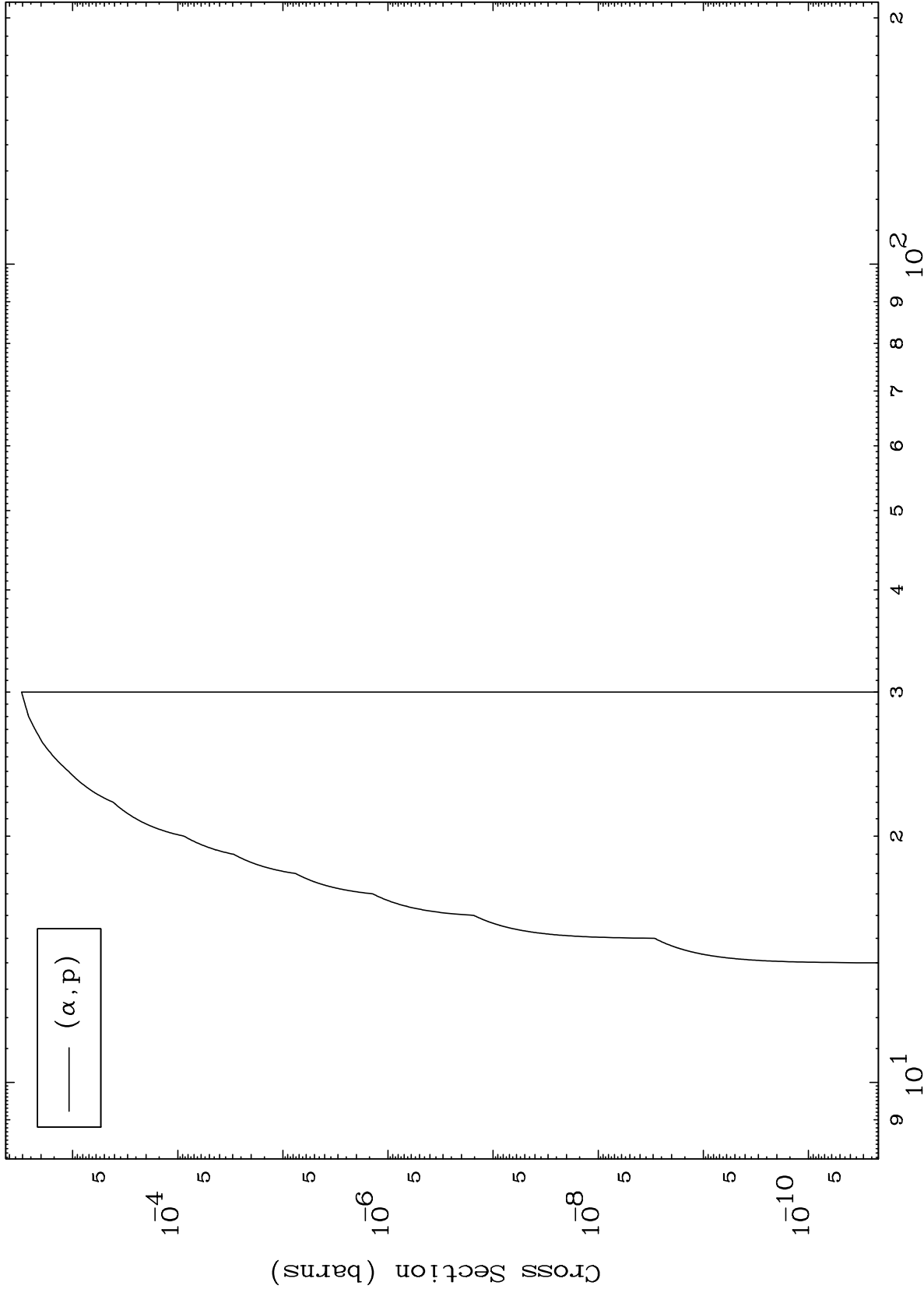
70-Yb-176

MAT 7050

( $\alpha, p$ ) Levels

70-Yb-176

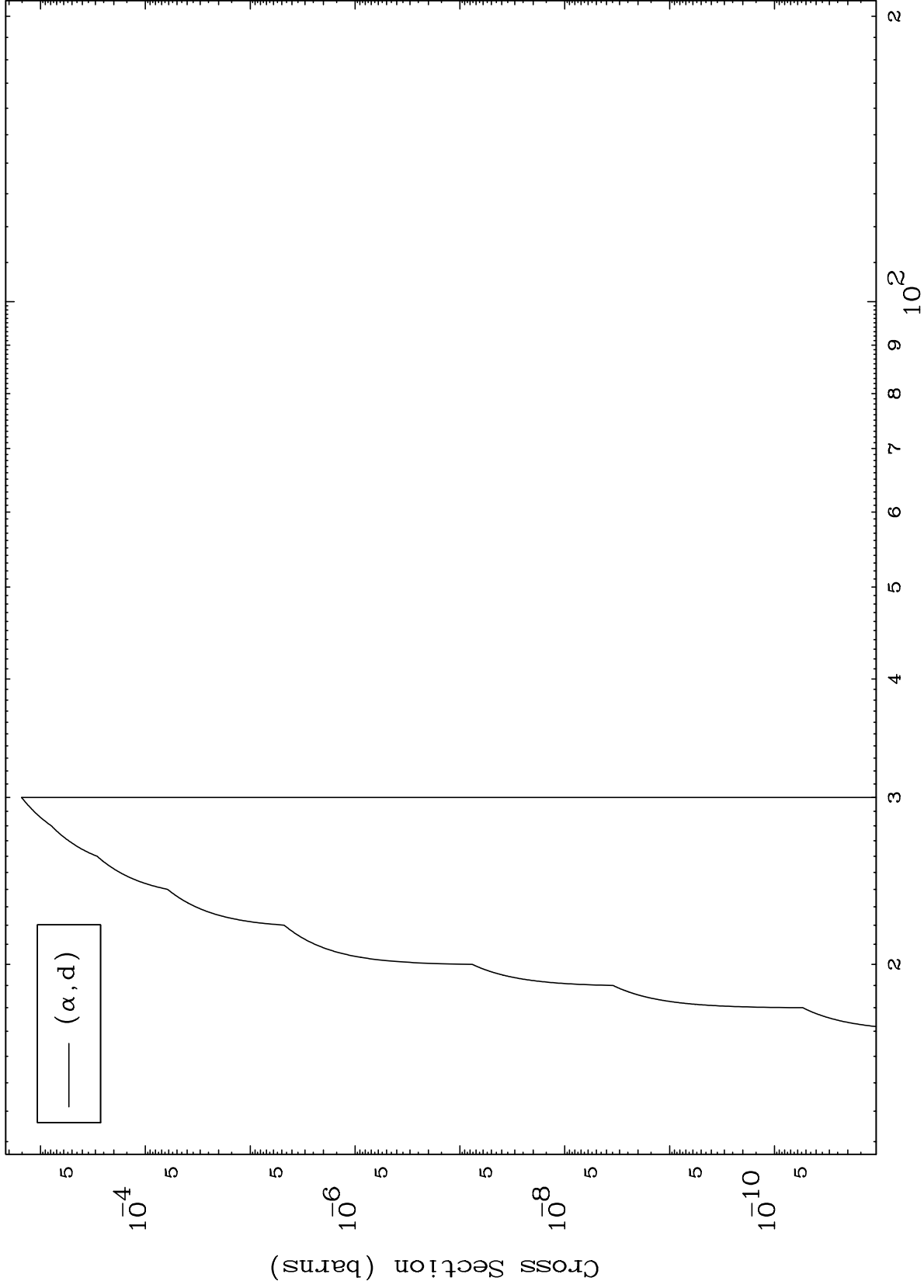
0 Kelvin Cross Sections



Incident Energy (MeV)

70-Yb-176

6

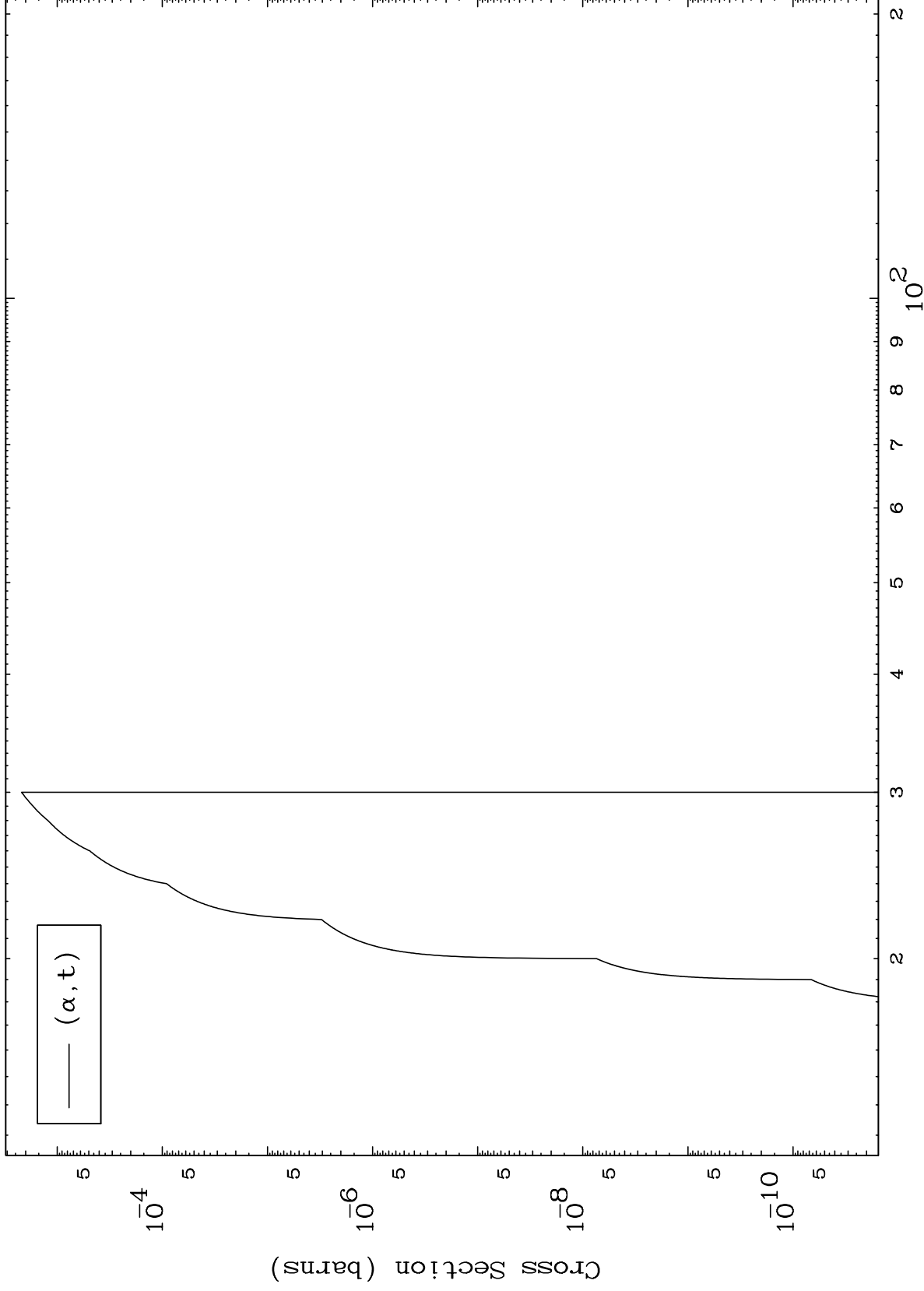




MAT 7050

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

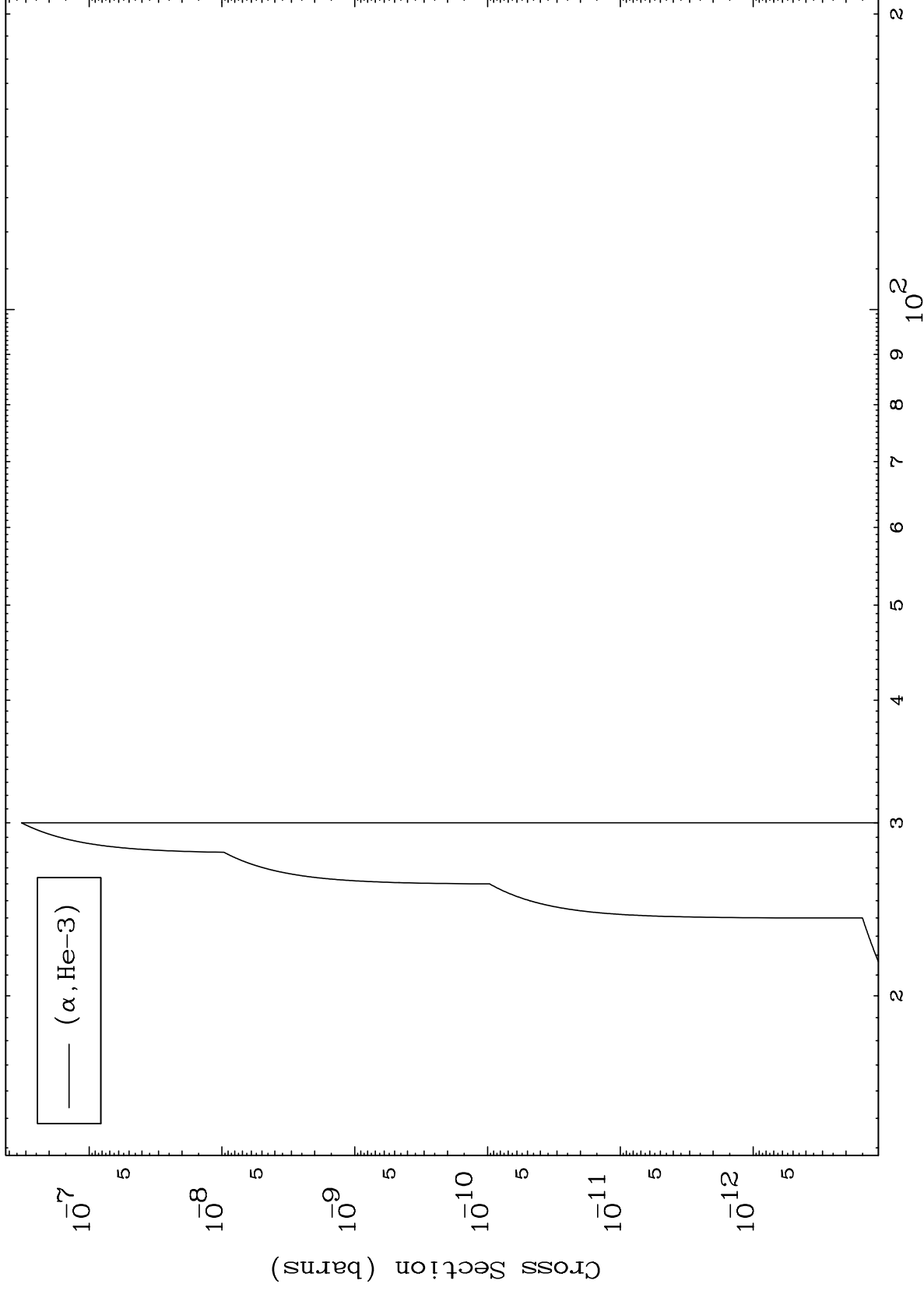
70-Yb-176



8

Incident Energy (MeV)

70-Yb-176

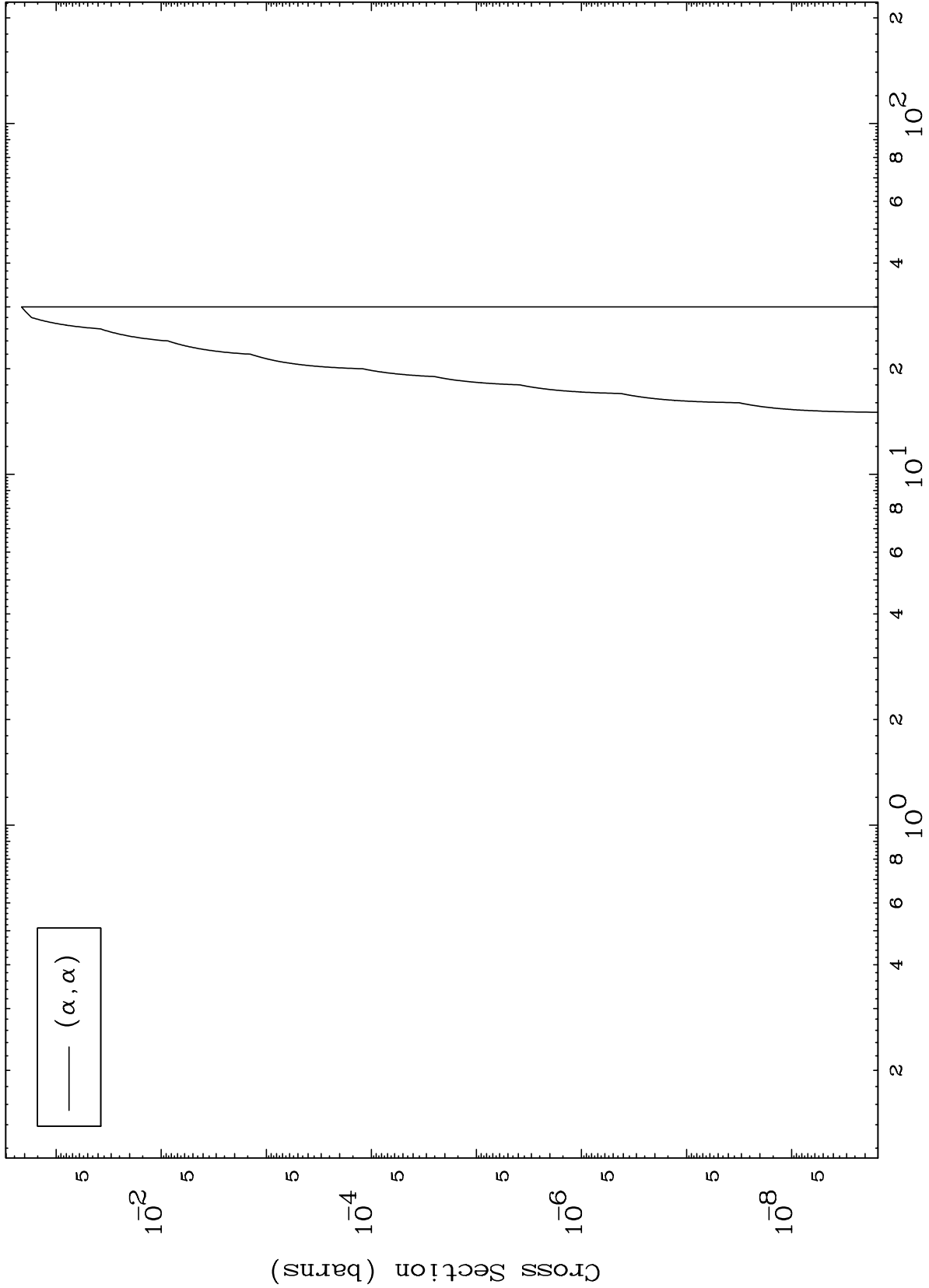


MAT 7050

( $\alpha, \alpha$ ) Levels

70-Yb-176

0 Kelvin Cross Sections



10

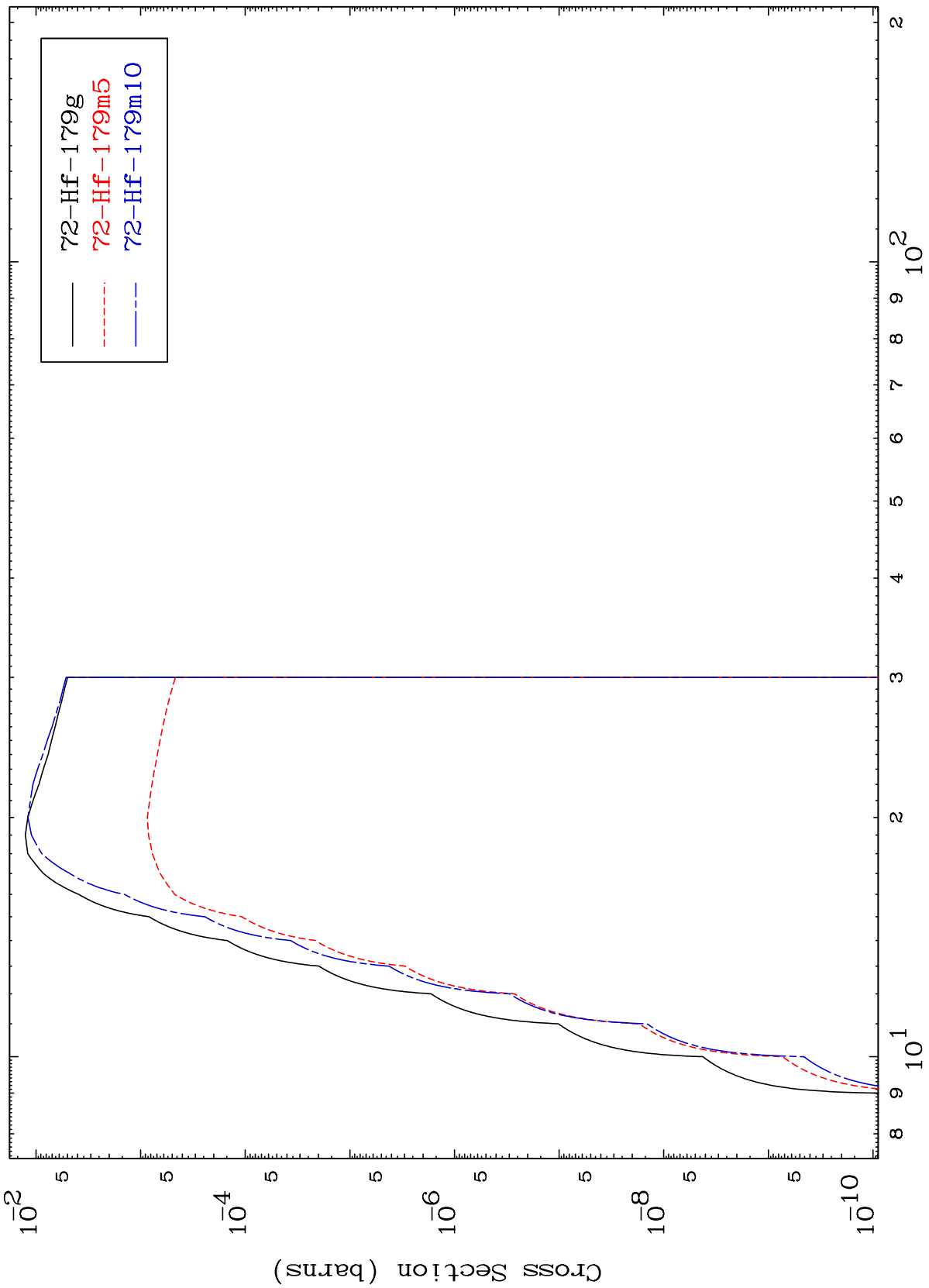
Incident Energy (MeV)

70-Yb-176

MAT 7050

70-Yb-176

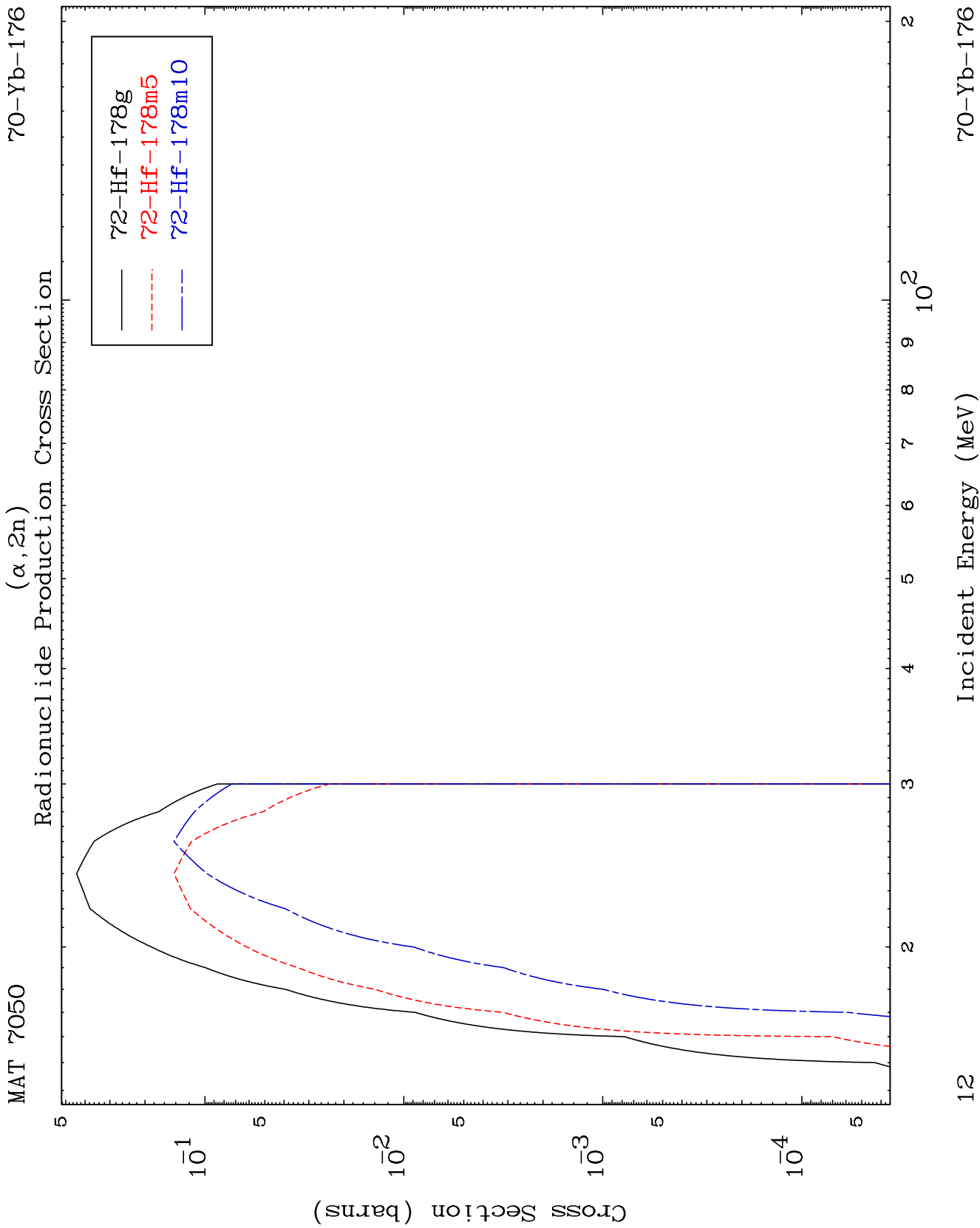
Radionuclide Production Cross Section  
 $\alpha$  Inelastic



11

Incident Energy (MeV)

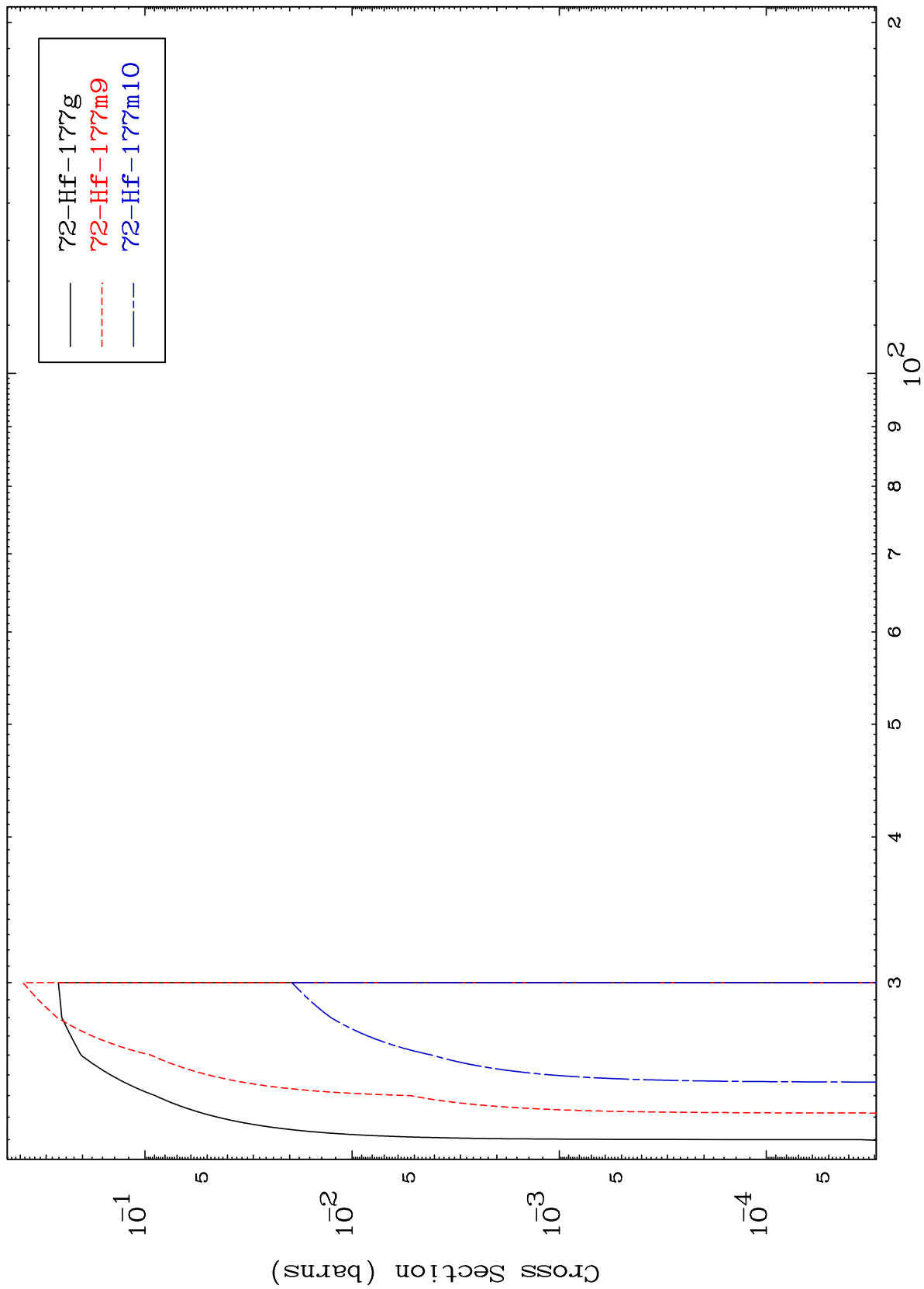
70-Yb-176



MAT 7050

70-Yb-176

( $\alpha, 3n$ )  
Radionuclide Production Cross Section



13

70-Yb-176

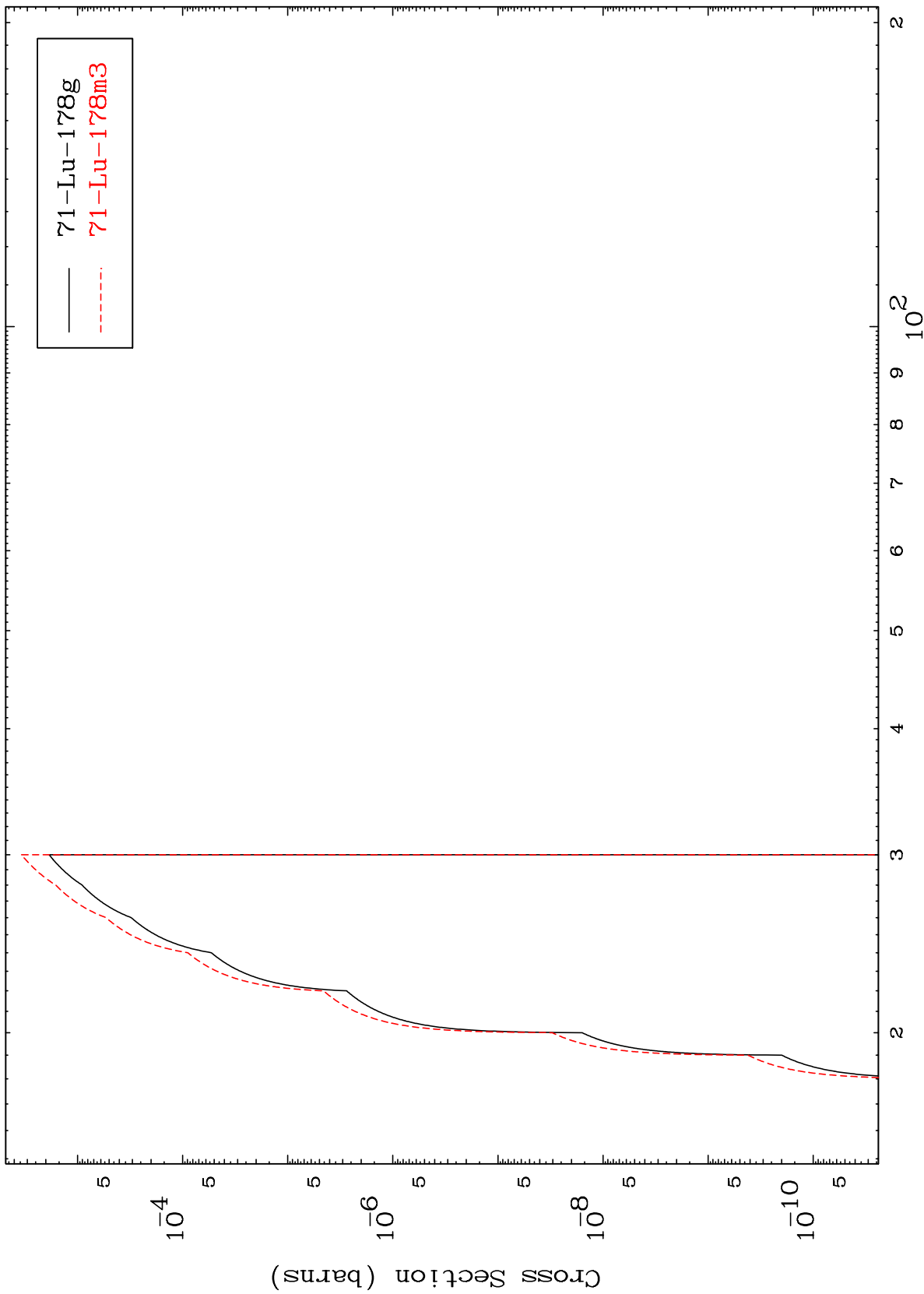
Incident Energy (MeV)

MAT 7050

$(\alpha, n')$  p

70-Yb-176

Radionuclide Production Cross Section



14

Incident Energy (MeV)

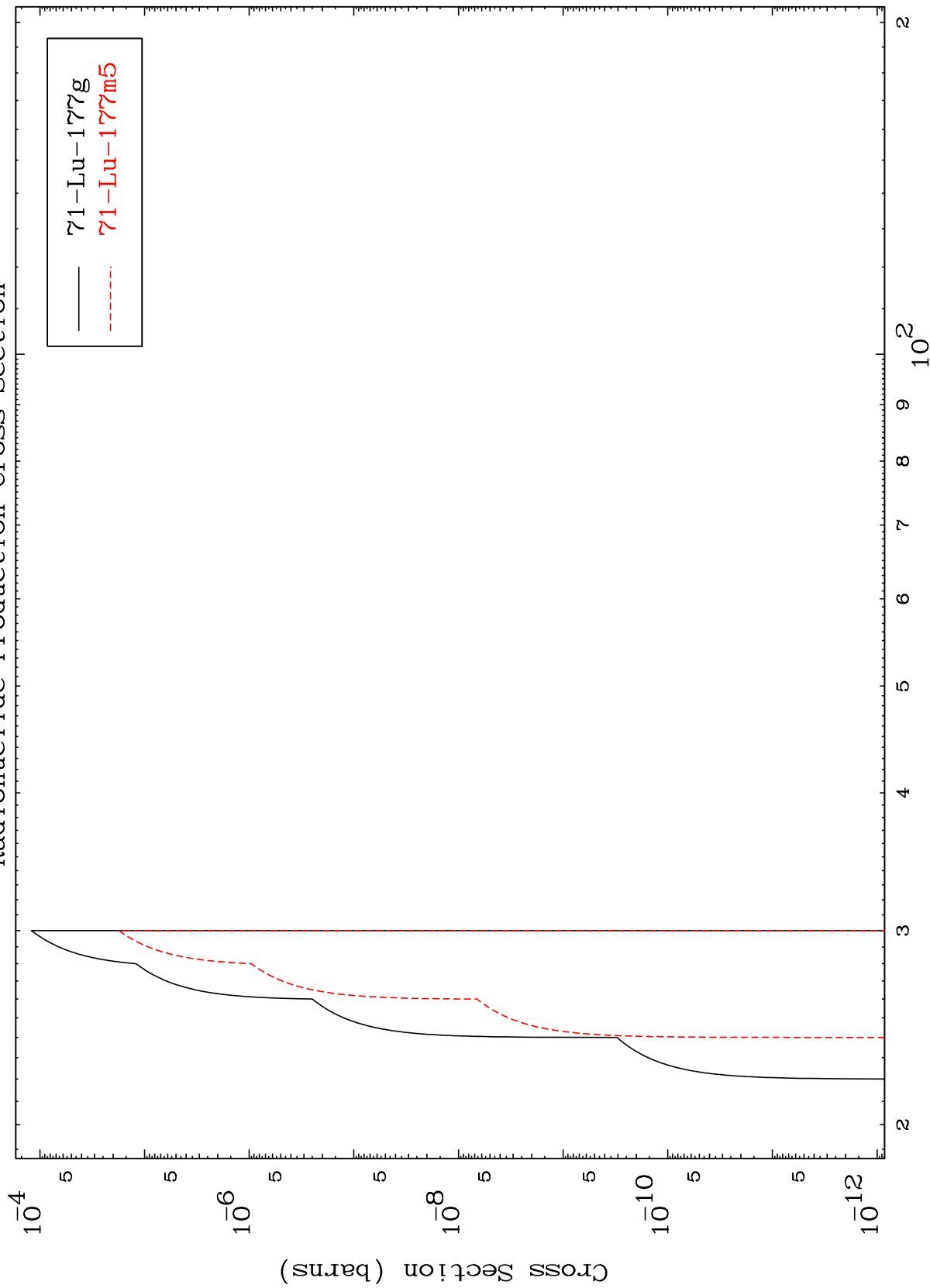
70-Yb-176

MAT 7050

$(\alpha, n')$  d

70-Yb-176

Radionuclide Production Cross Section



15

Incident Energy (MeV)

70-Yb-176

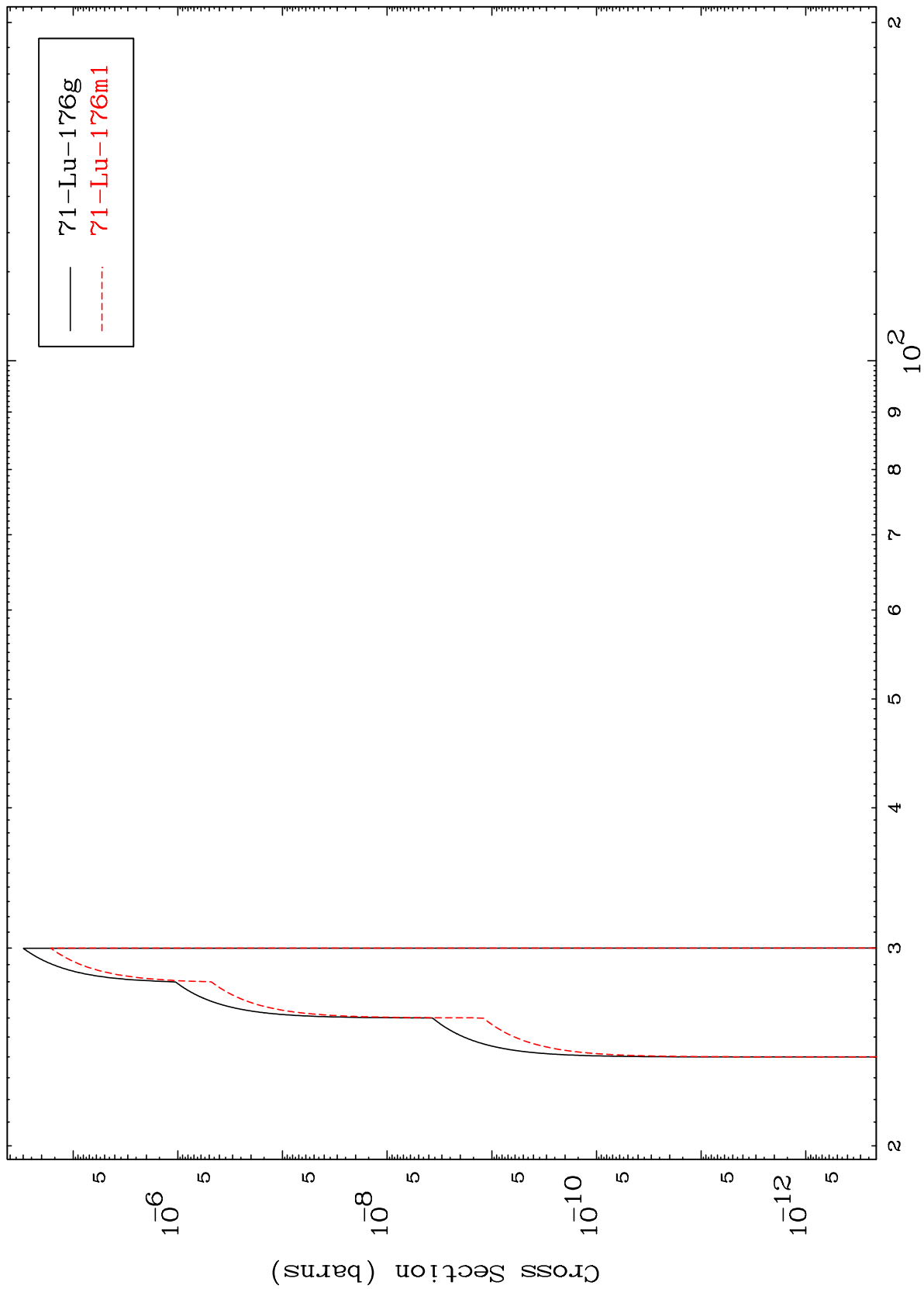


MAT 7050

$(\alpha, n')$  t

70-Yb-176

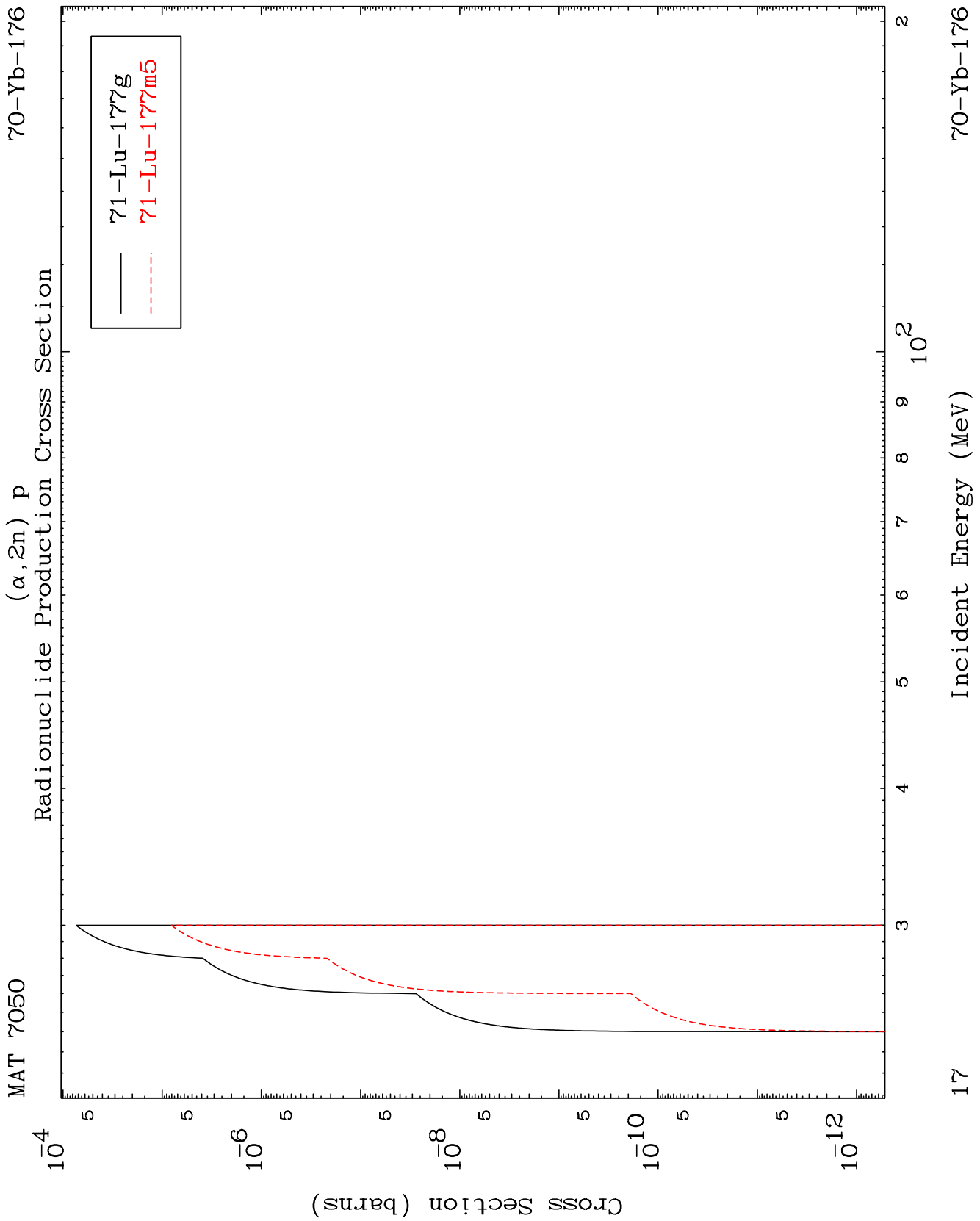
Radionuclide Production Cross Section



16

Incident Energy (MeV)

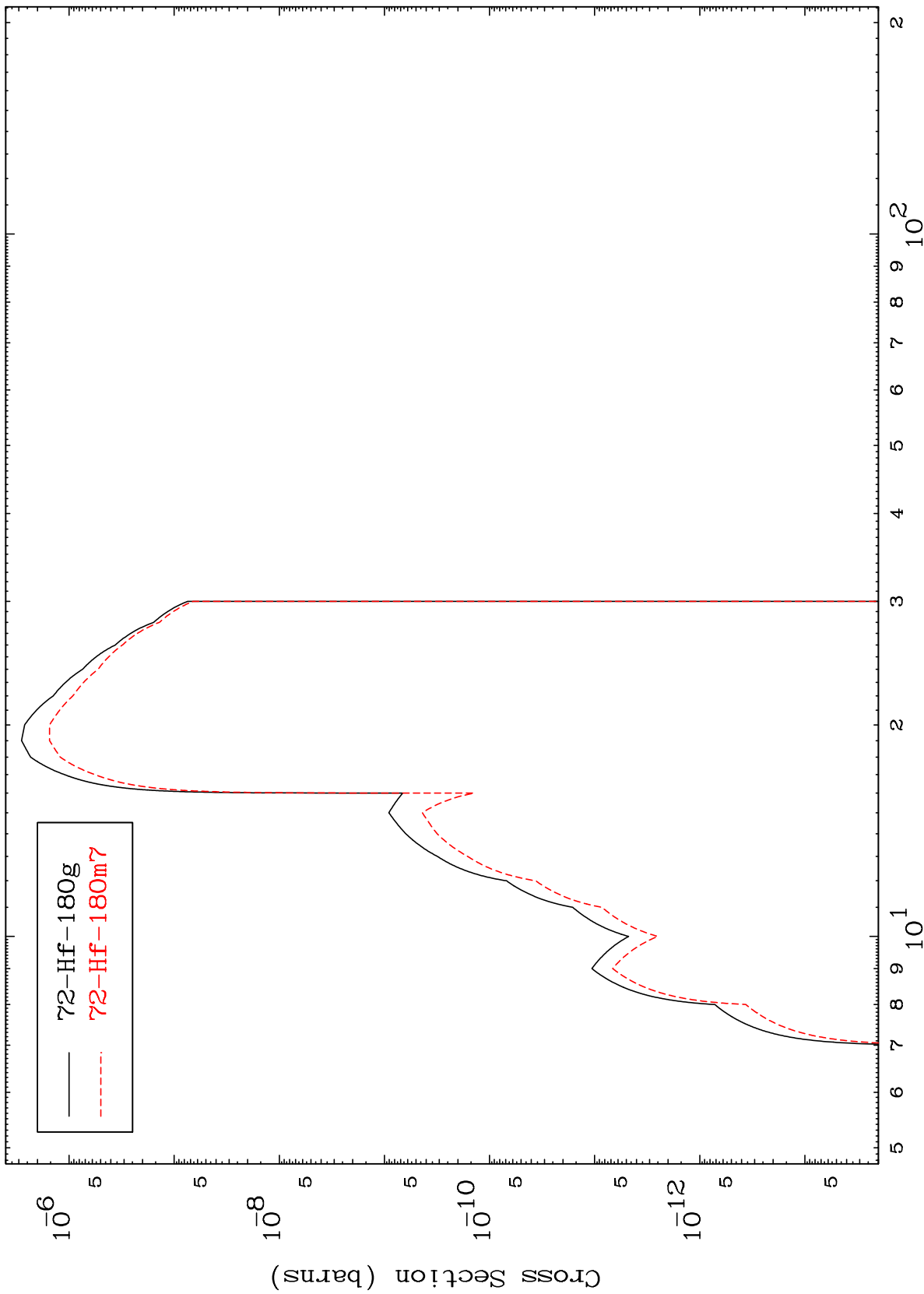
70-Yb-176



MAT 7050

70-Yb-176

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



72-Hf-180g  
72-Hf-180m7

70-Yb-176

Incident Energy (MeV)

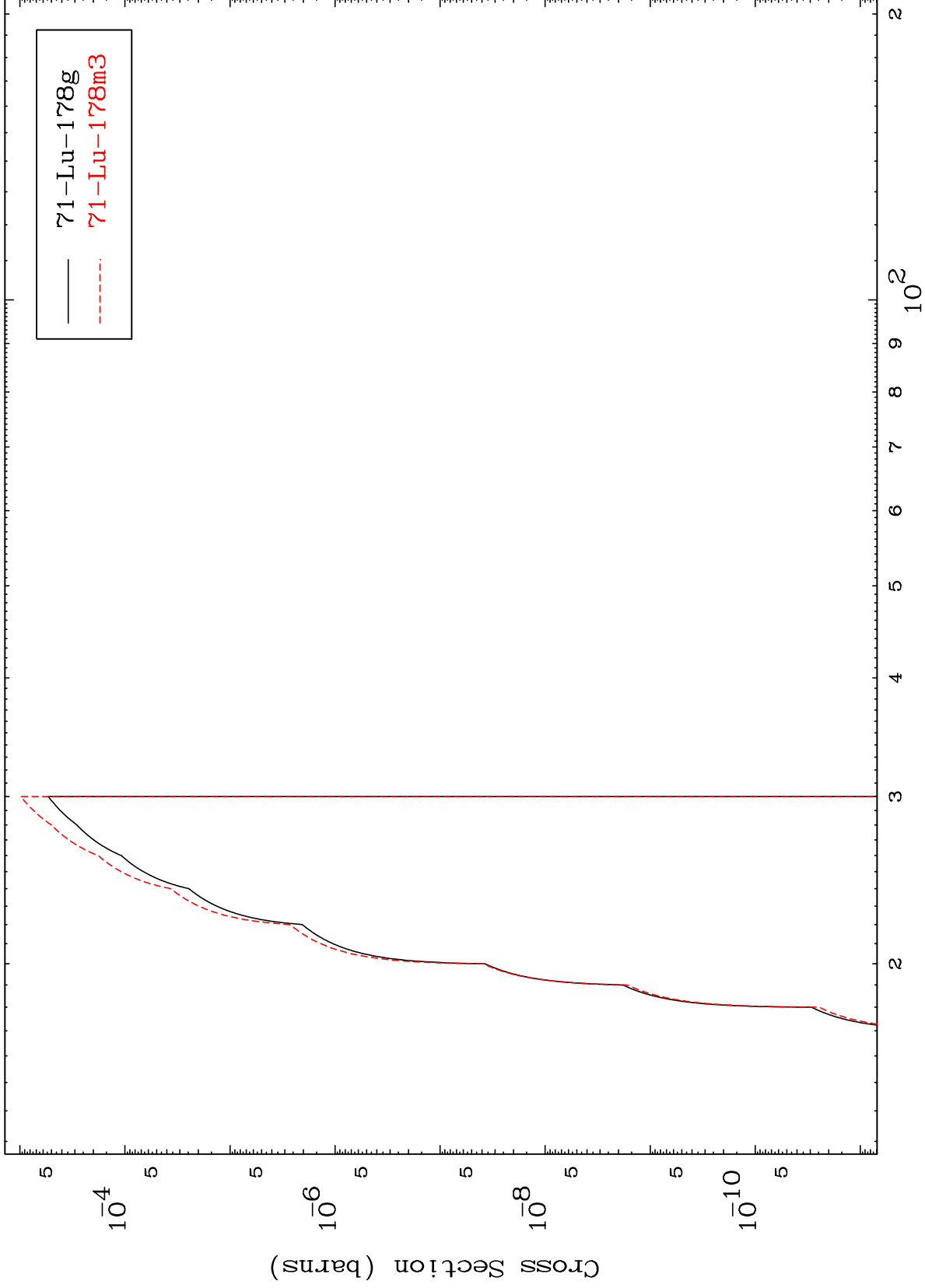
18

MAT 7050

( $\alpha, d$ )

70-Yb-176

Radionuclide Production Cross Section



19

Incident Energy (MeV)

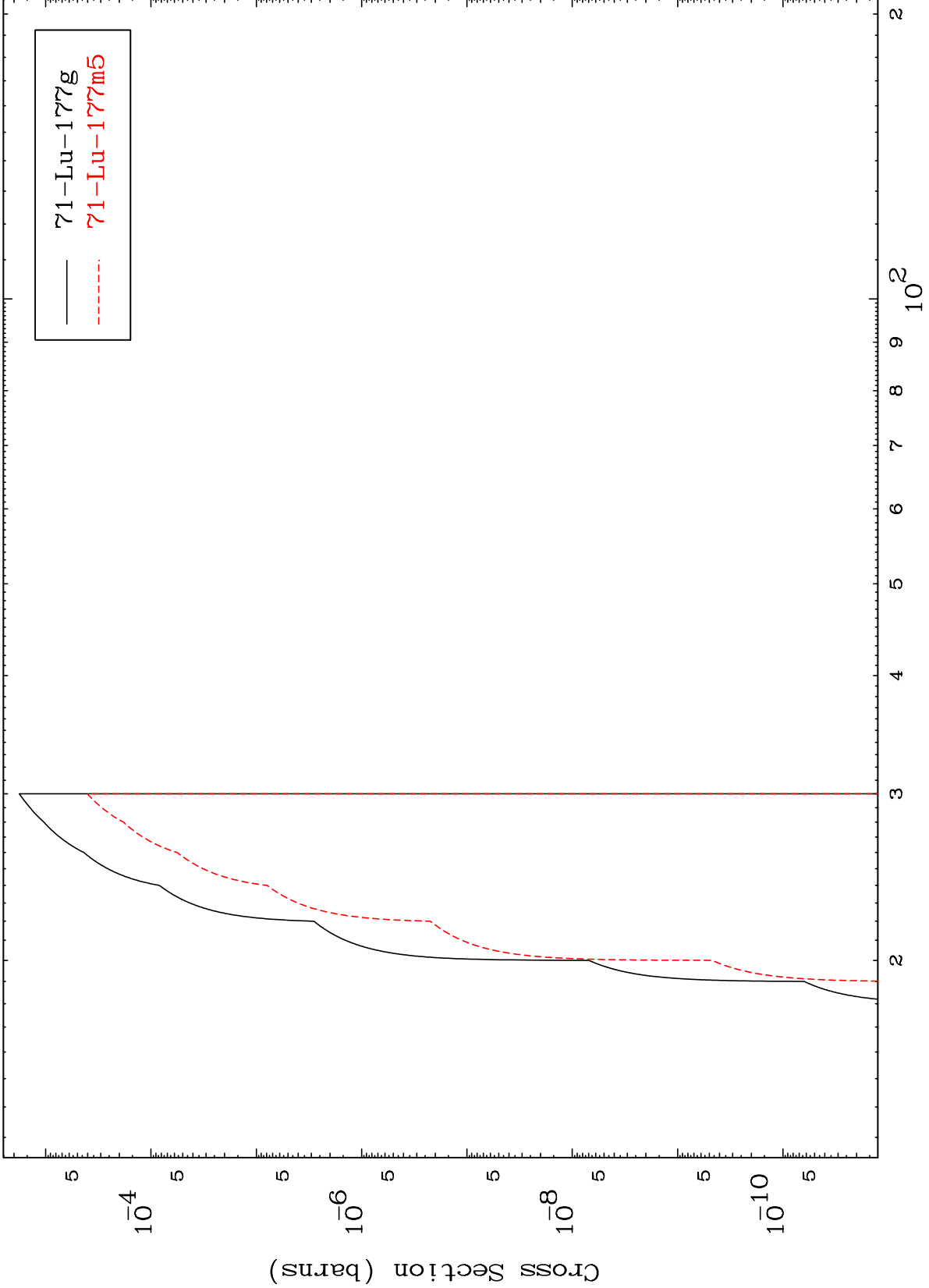
70-Yb-176

MAT 7050

( $\alpha, t$ )

70-Yb-176

Radionuclide Production Cross Section



20

Incident Energy (MeV)

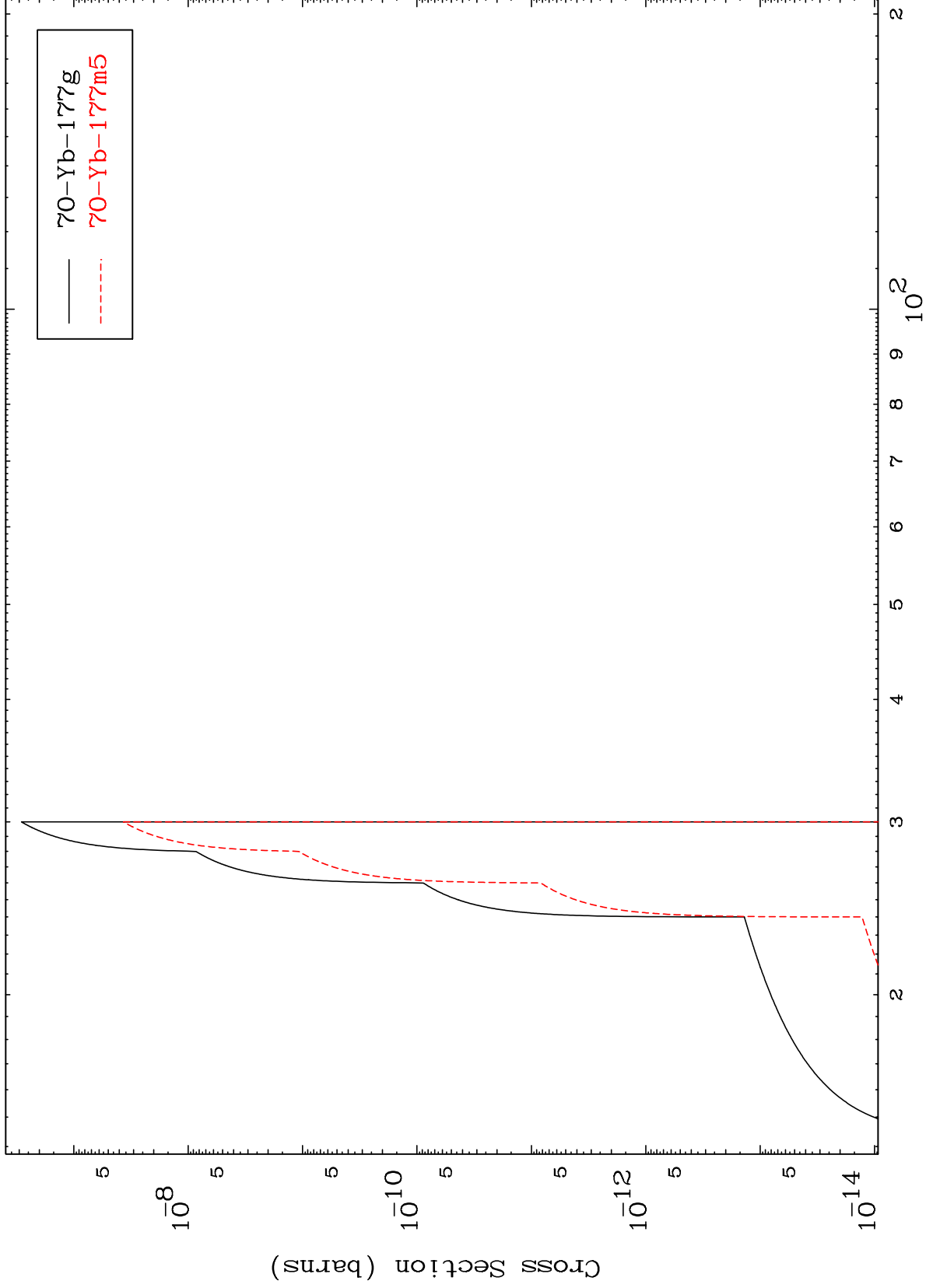
70-Yb-176

MAT 7050

( $\alpha$ ,He-3)

70-Yb-176

Radionuclide Production Cross Section



21

Incident Energy (MeV)

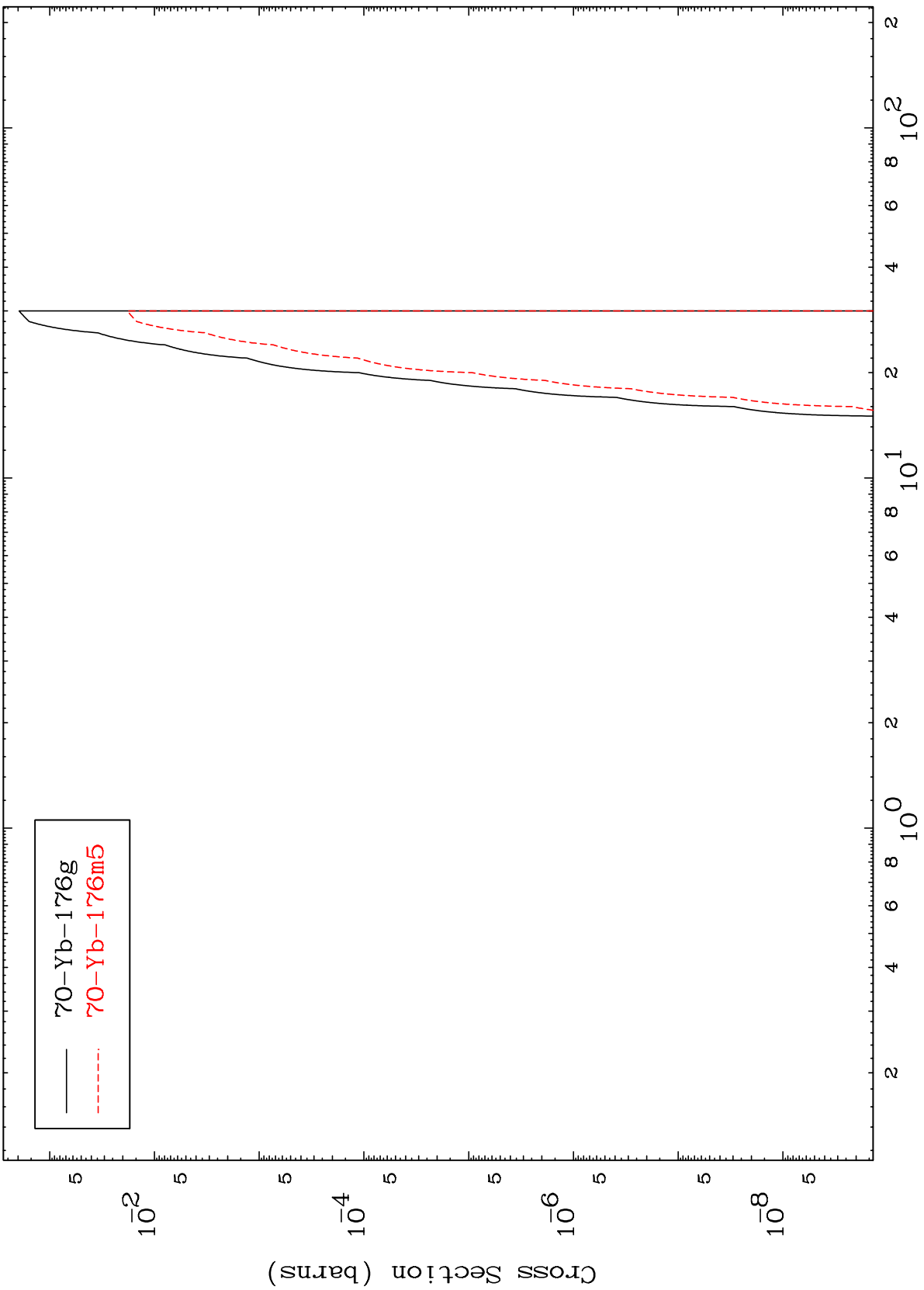
70-Yb-176

MAT 7050

( $\alpha, \alpha$ )

<sup>70</sup>Yb-<sup>176</sup>

Radionuclide Production Cross Section



— 70-Yb-176g  
- - - 70-Yb-176m5