

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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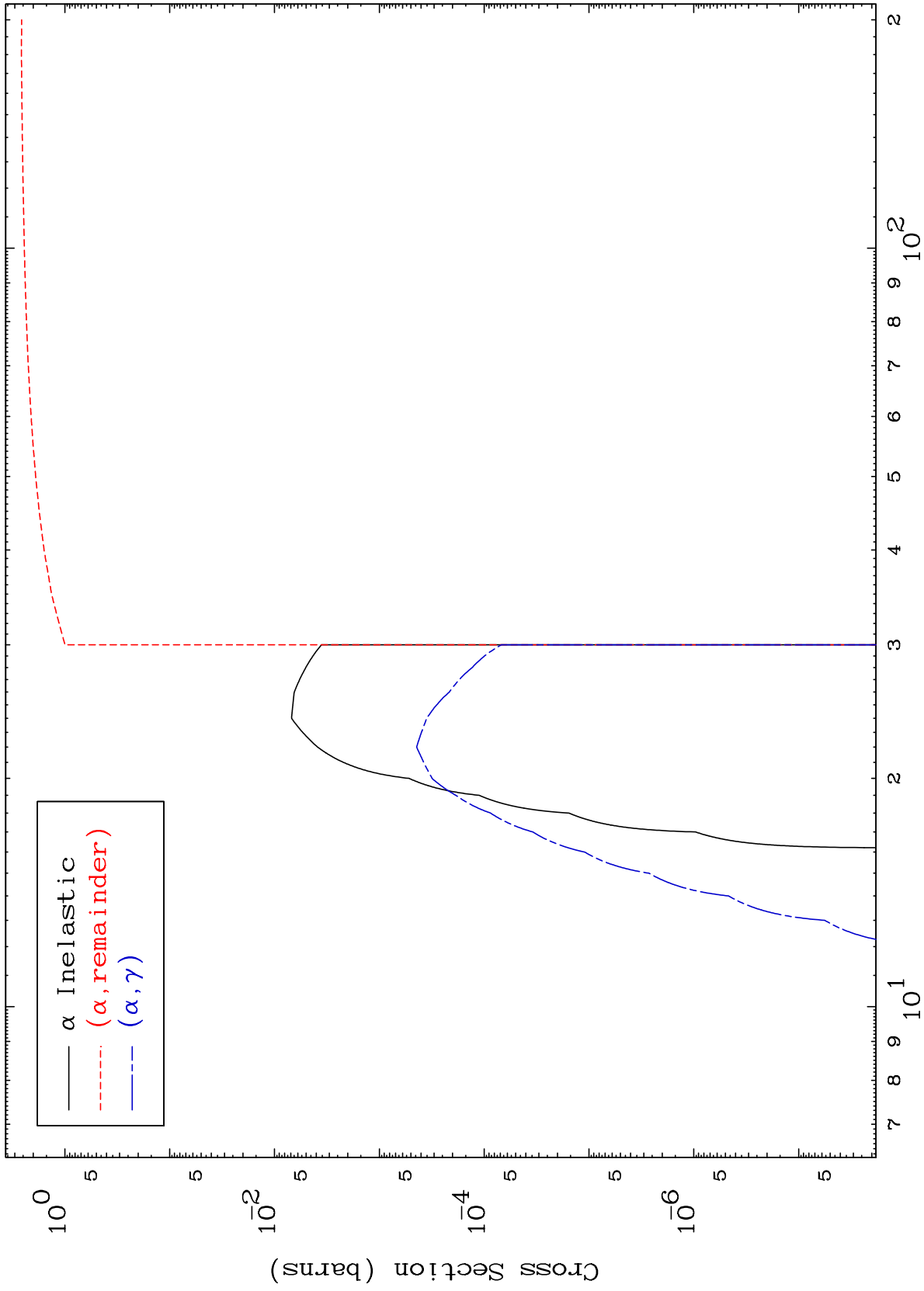
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

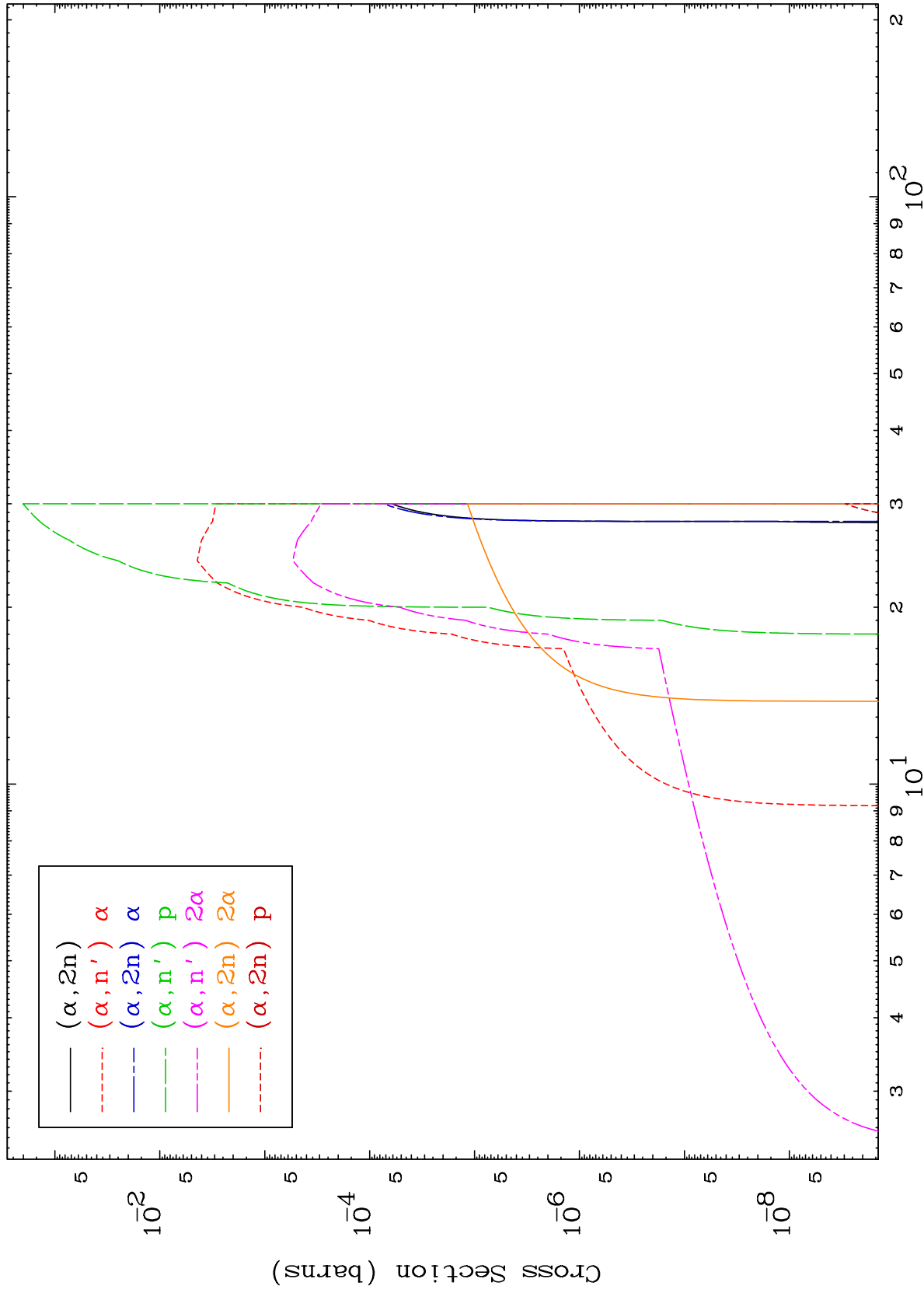
Press Mouse Button to Start

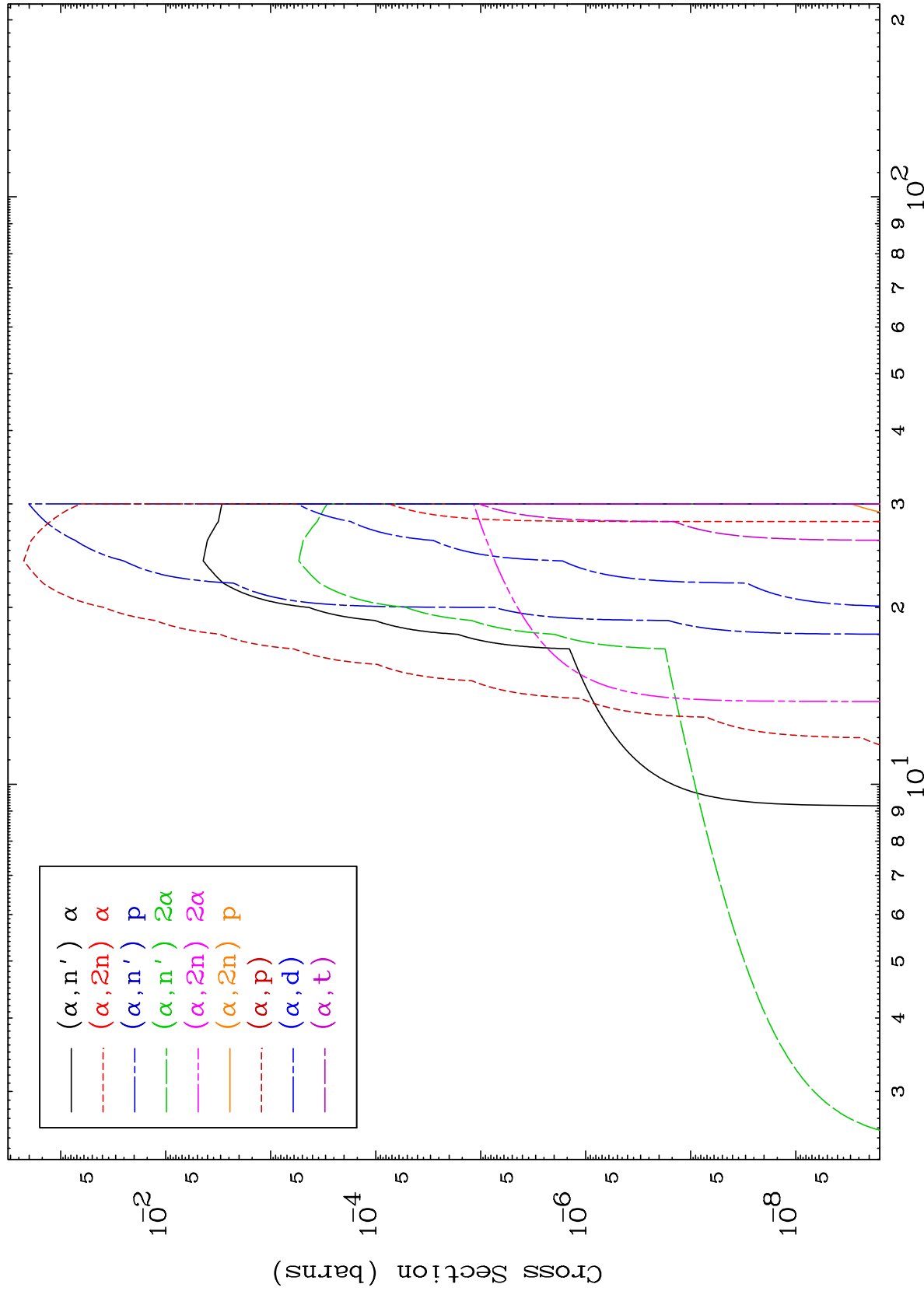
MAT 7863

0 Kelvin α Major
Cross Sections

79-Au-176



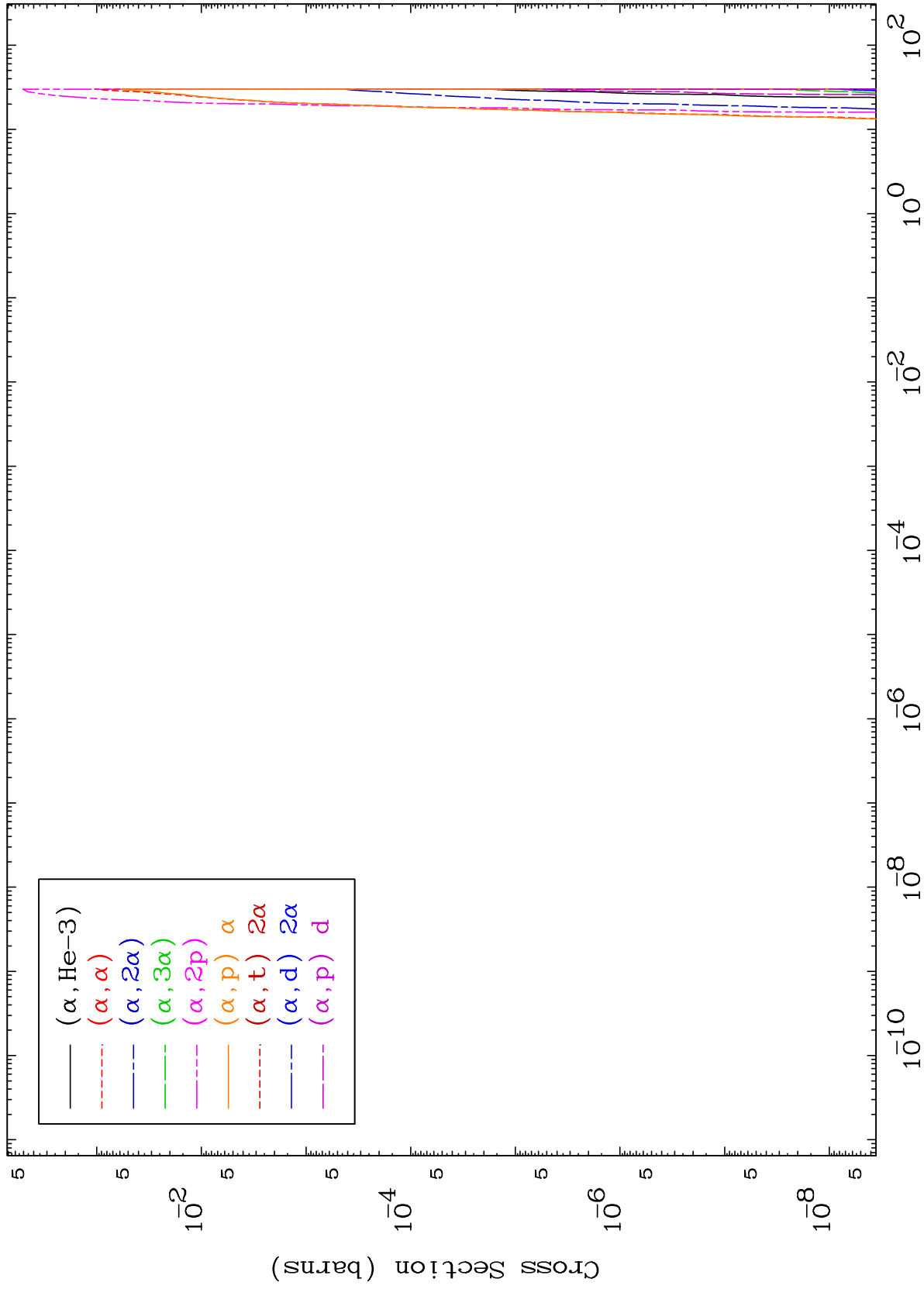




MAT 7863

α Charged Particle
0 Kelvin Cross Sections

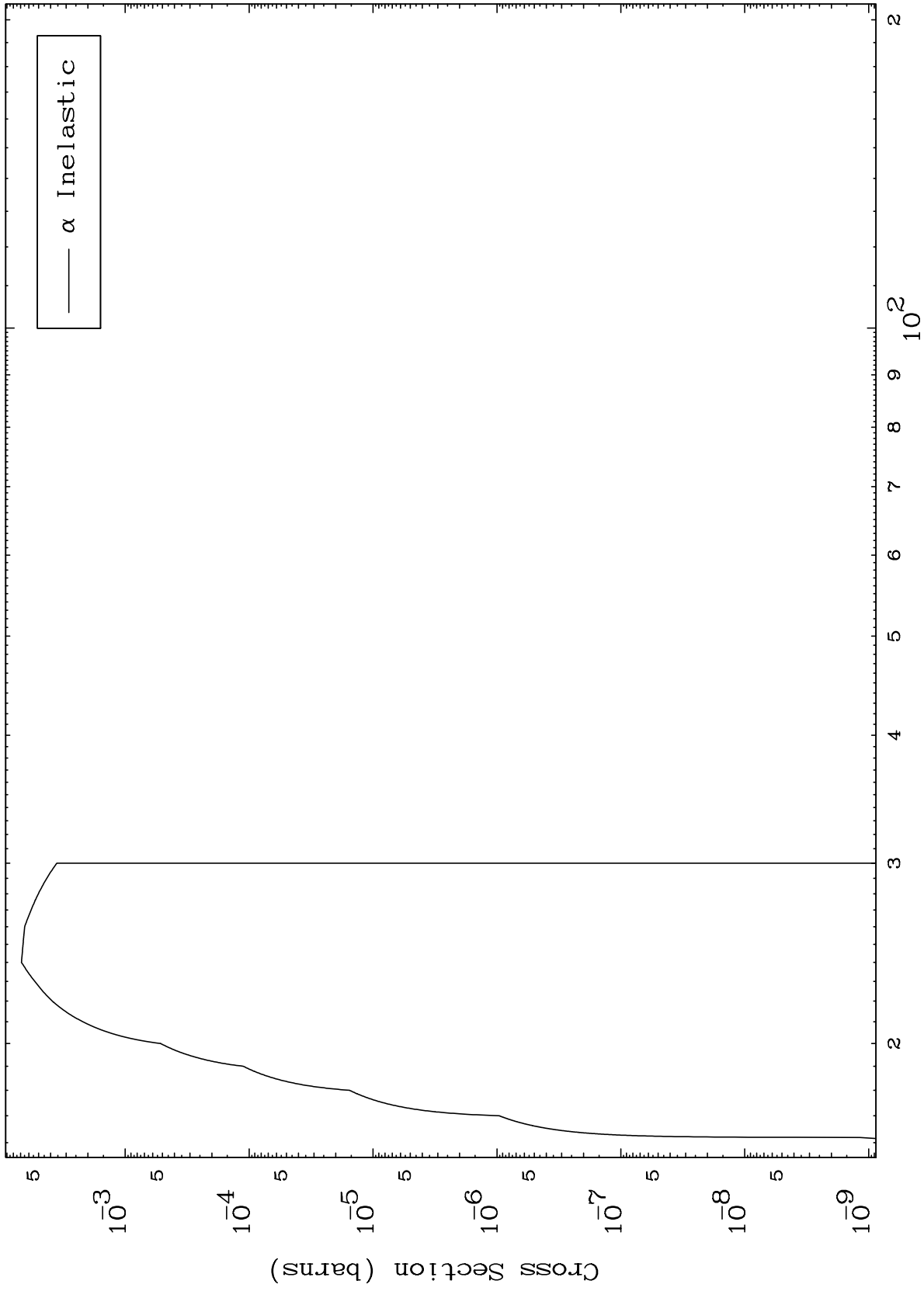
79-Au-176



MAT 7863

(α, n') Level
0 Kelvin Cross Sections

79-Au-176



5

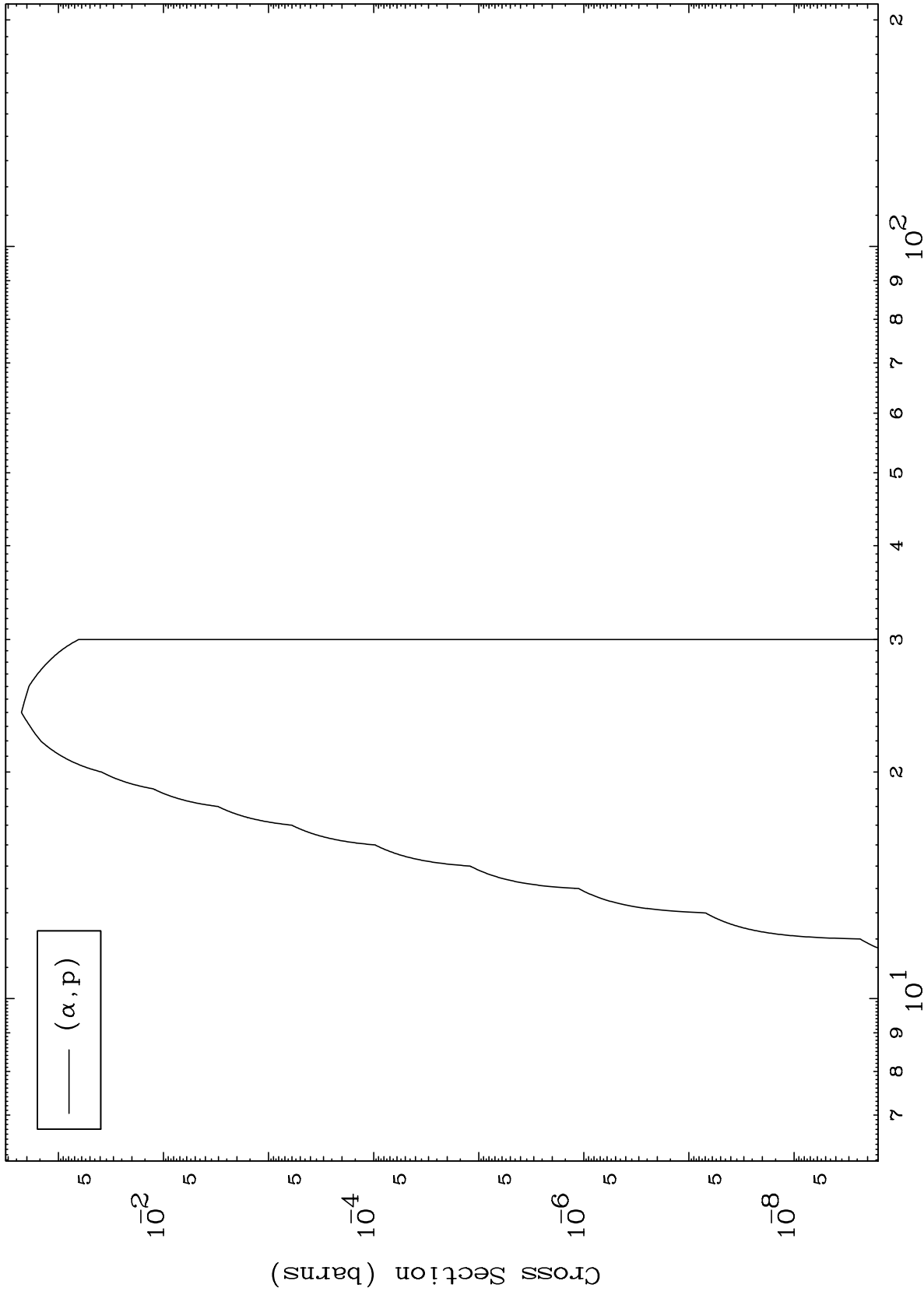
Incident Energy (MeV)

79-Au-176

MAT 7863

(α, p) Levels
0 Kelvin Cross Sections

⁷⁹Au-176



6

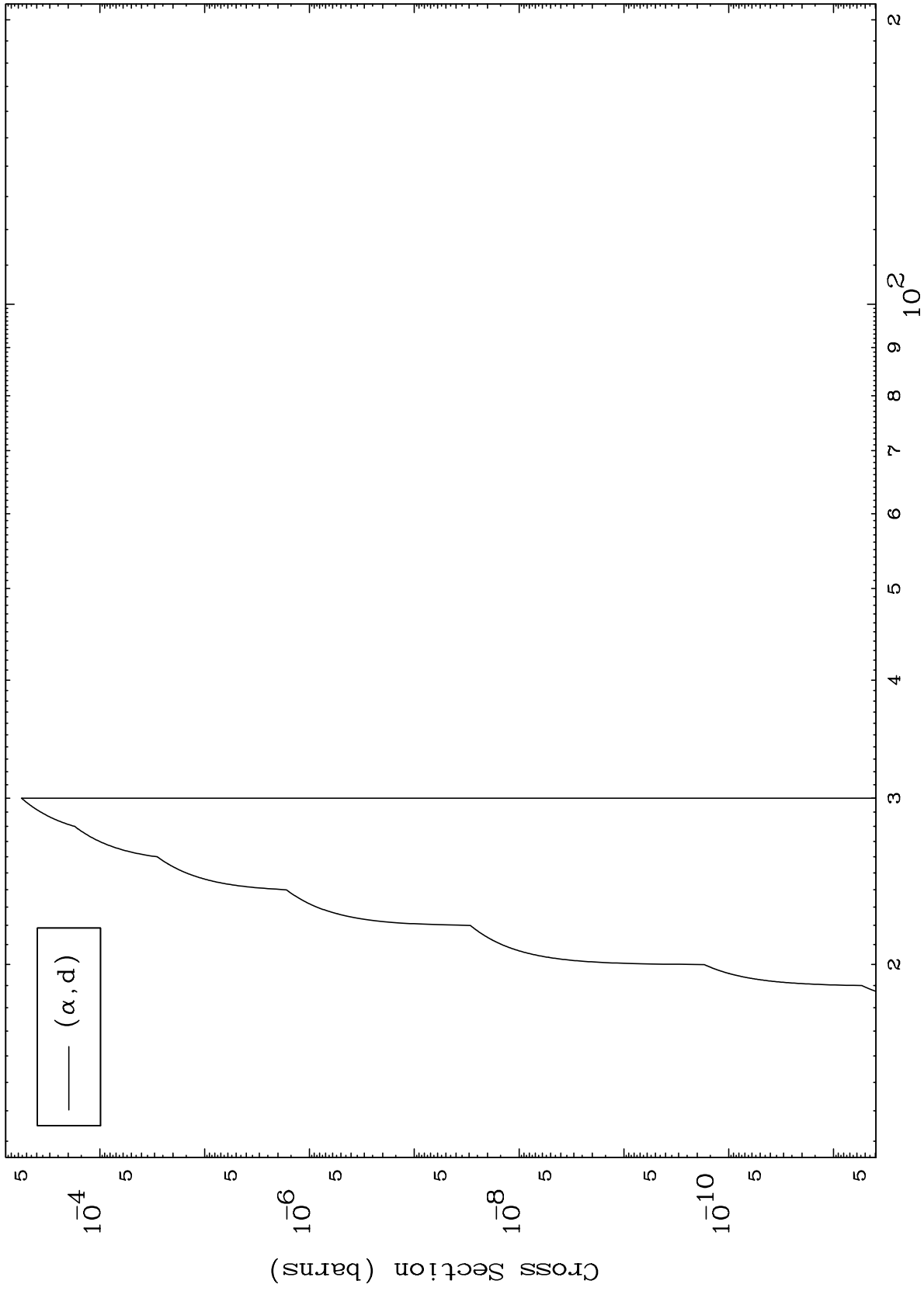
Incident Energy (MeV)

⁷⁹Au-176

MAT 7863

(α, d) Levels
0 Kelvin Cross Sections

79-Au-176



7

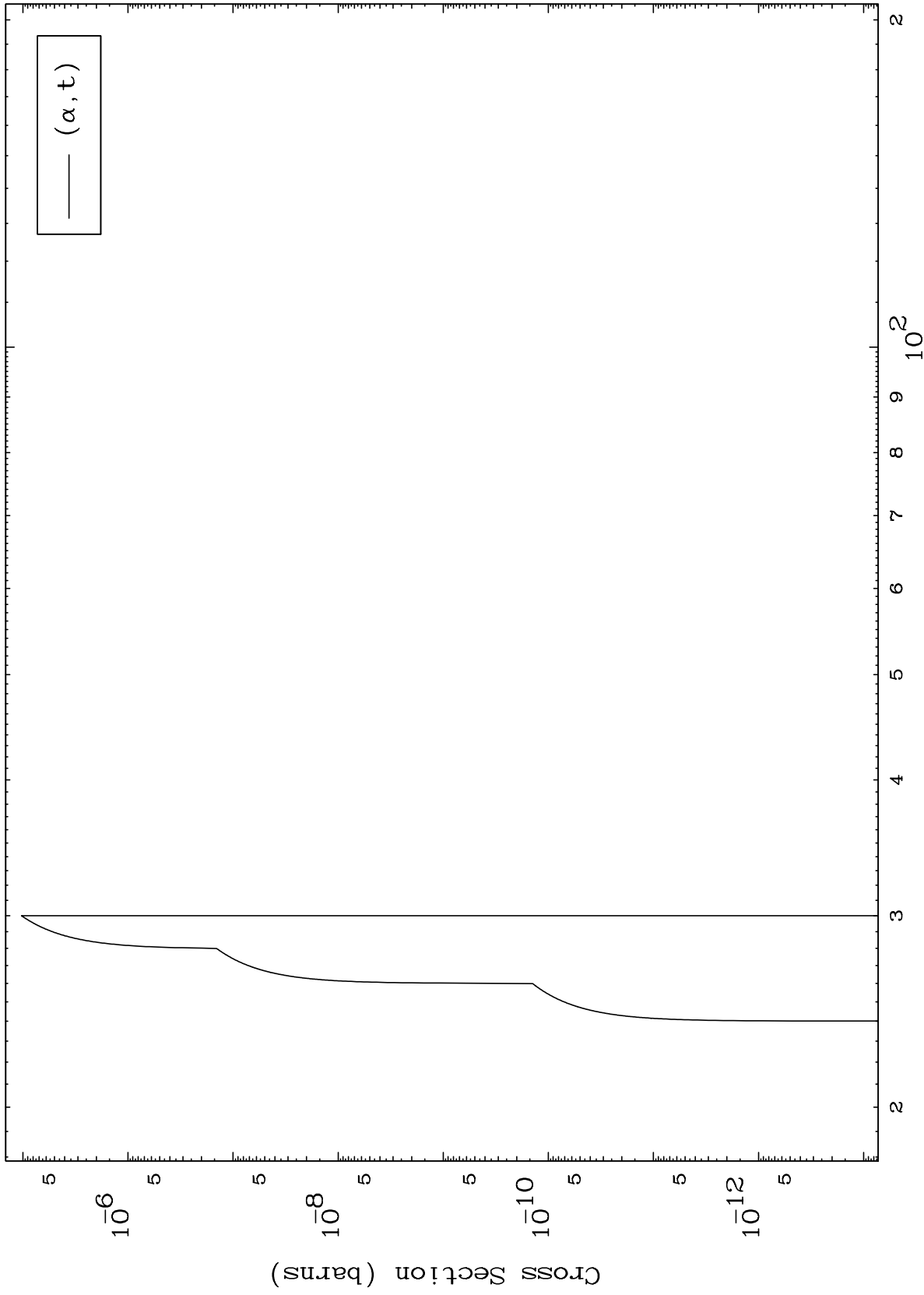
Incident Energy (MeV)

79-Au-176

MAT 7863

(α, t) Levels
0 Kelvin Cross Sections

79-Au-176



8

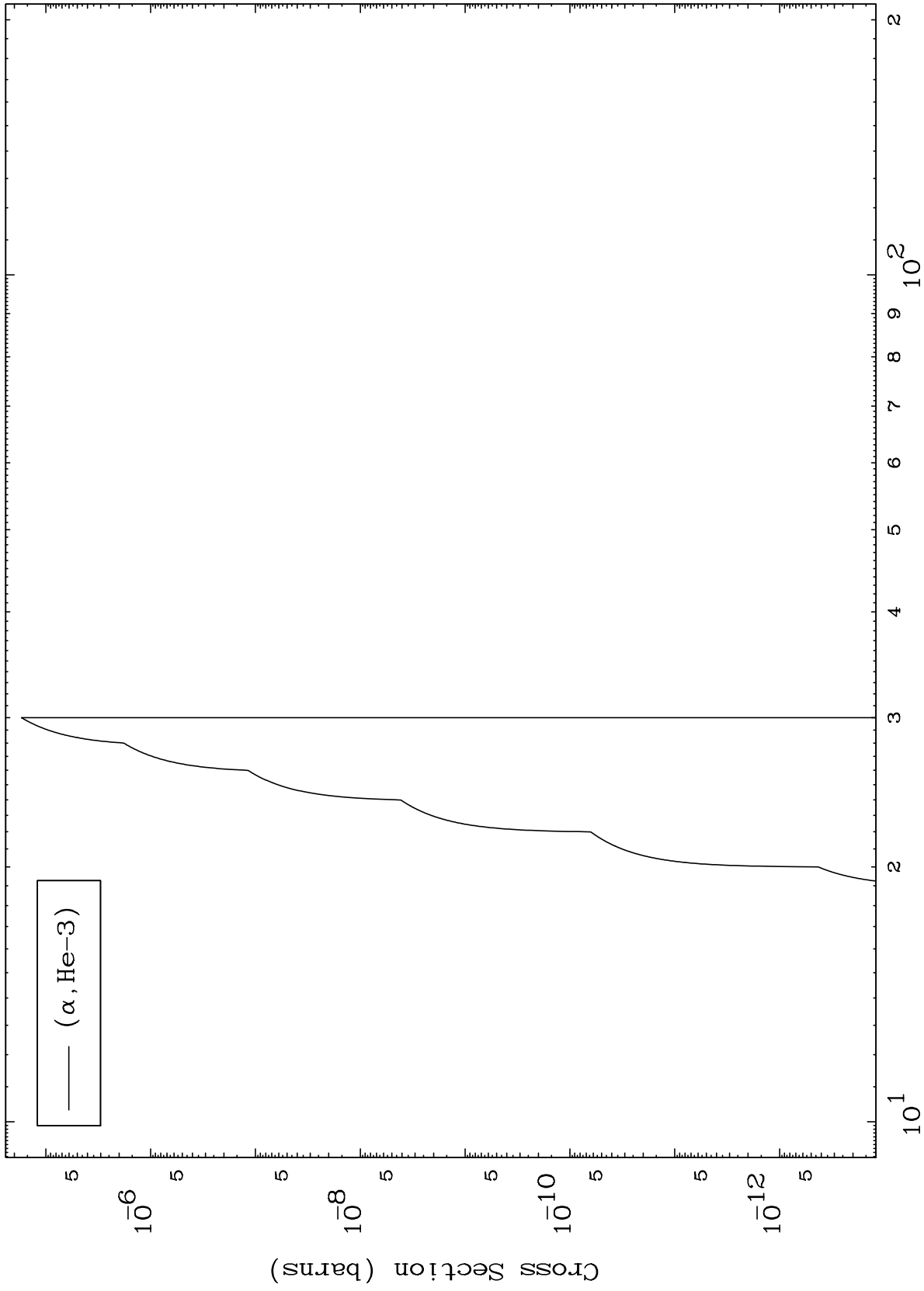
Incident Energy (MeV)

79-Au-176

MAT 7863

(α ,He3) Levels
0 Kelvin Cross Sections

79-Au-176



9

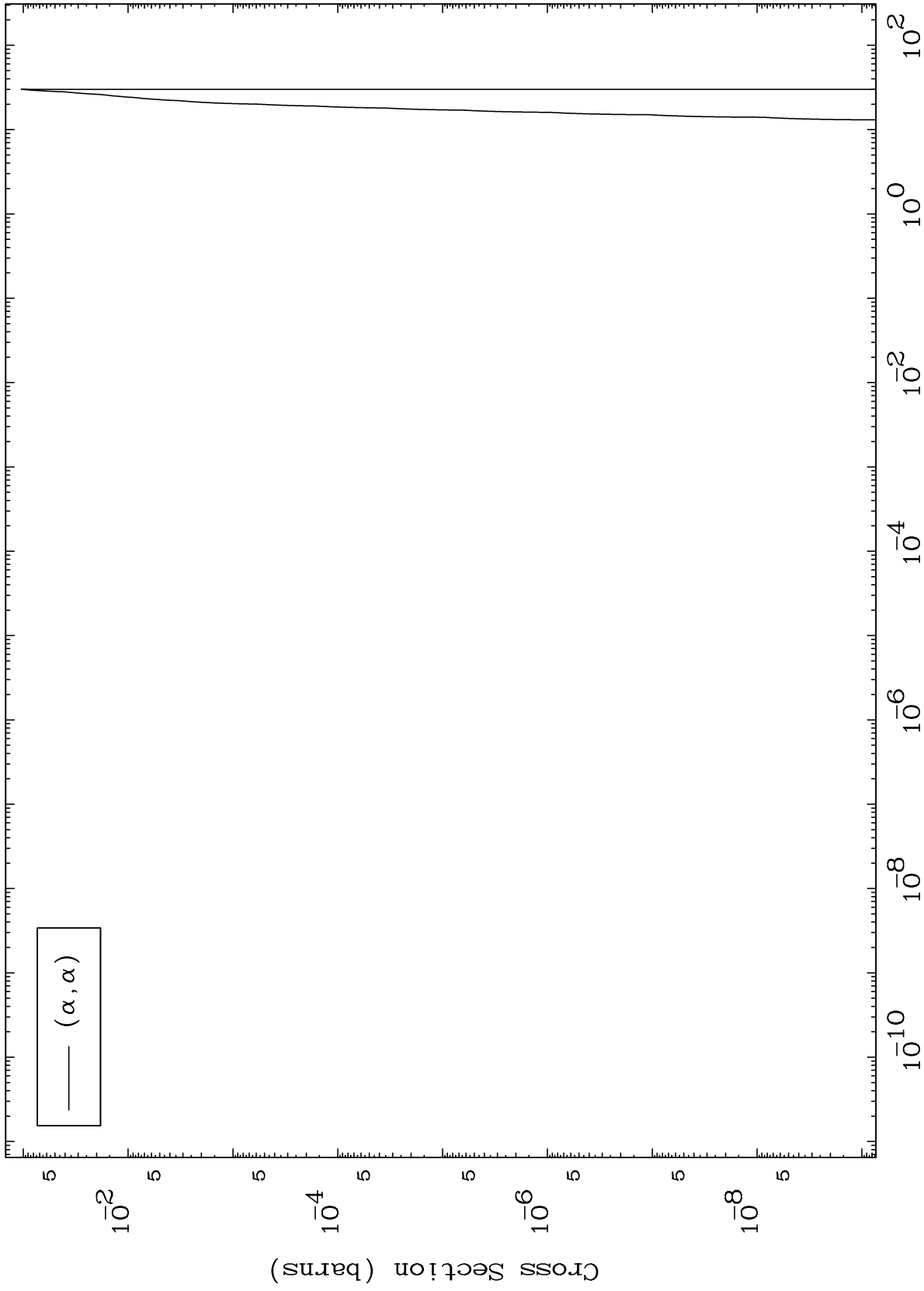
Incident Energy (MeV)

79-Au-176

MAT 7863

(α, α) Levels
0 Kelvin Cross Sections

79-Au-176



10

Incident Energy (MeV)

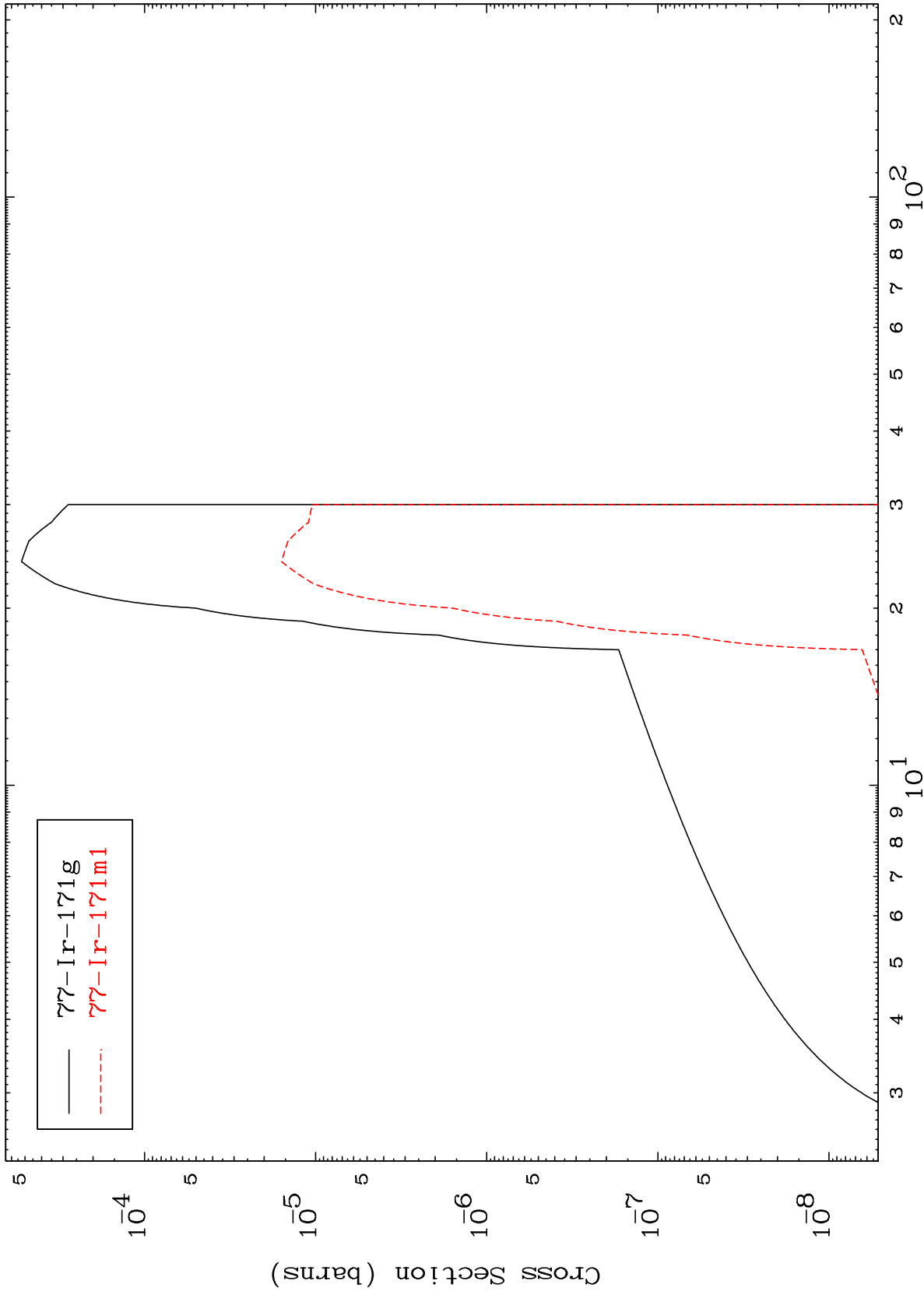
79-Au-176

MAT 7863

(α, n') 2α

$^{79}\text{Au-176}$

Radionuclide Production Cross Section



11

Incident Energy (MeV)

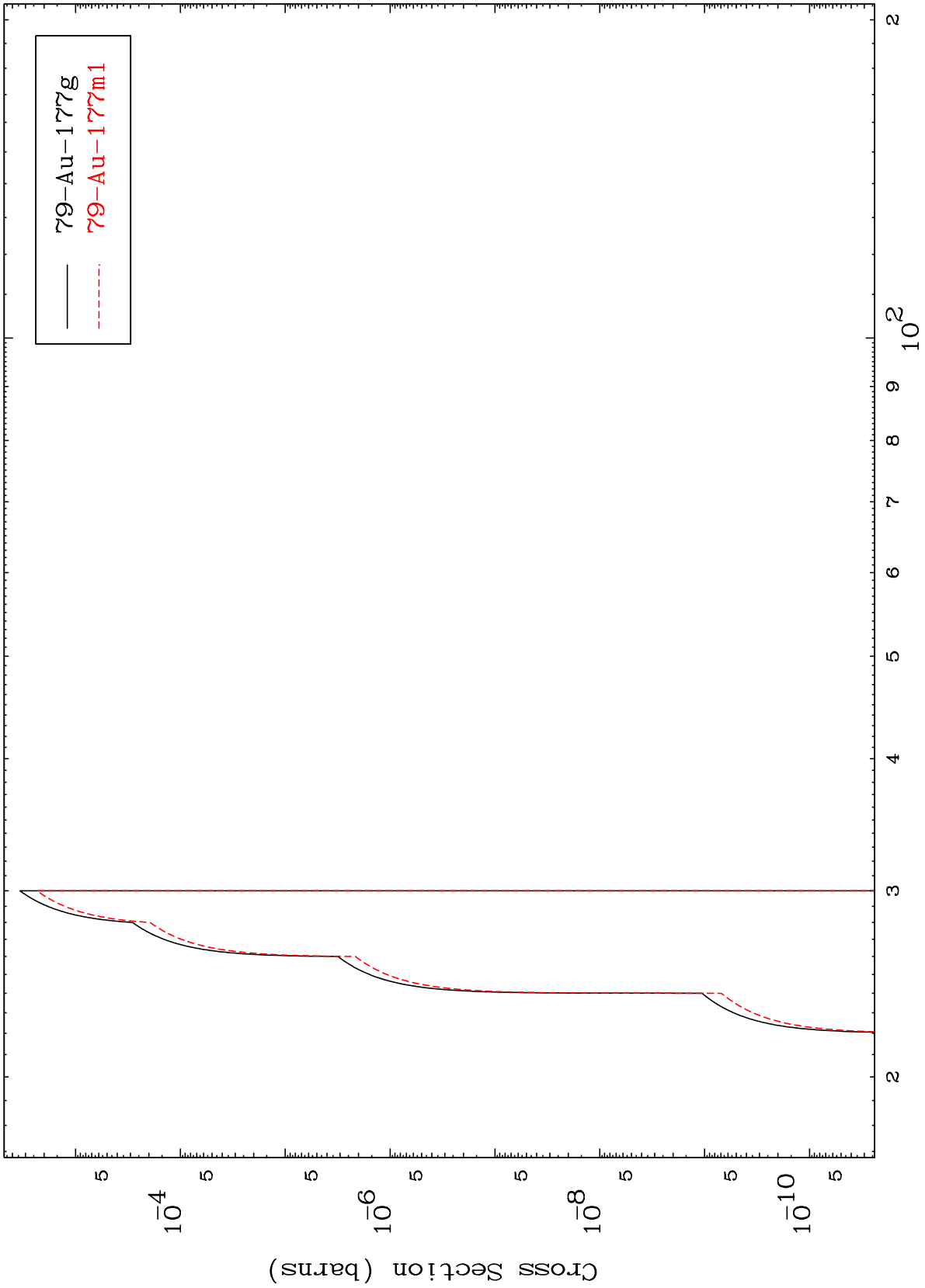
$^{79}\text{Au-176}$

MAT 7863

($\alpha, 2n$) p

⁷⁹Au-176

Radionuclide Production Cross Section



12

Incident Energy (MeV)

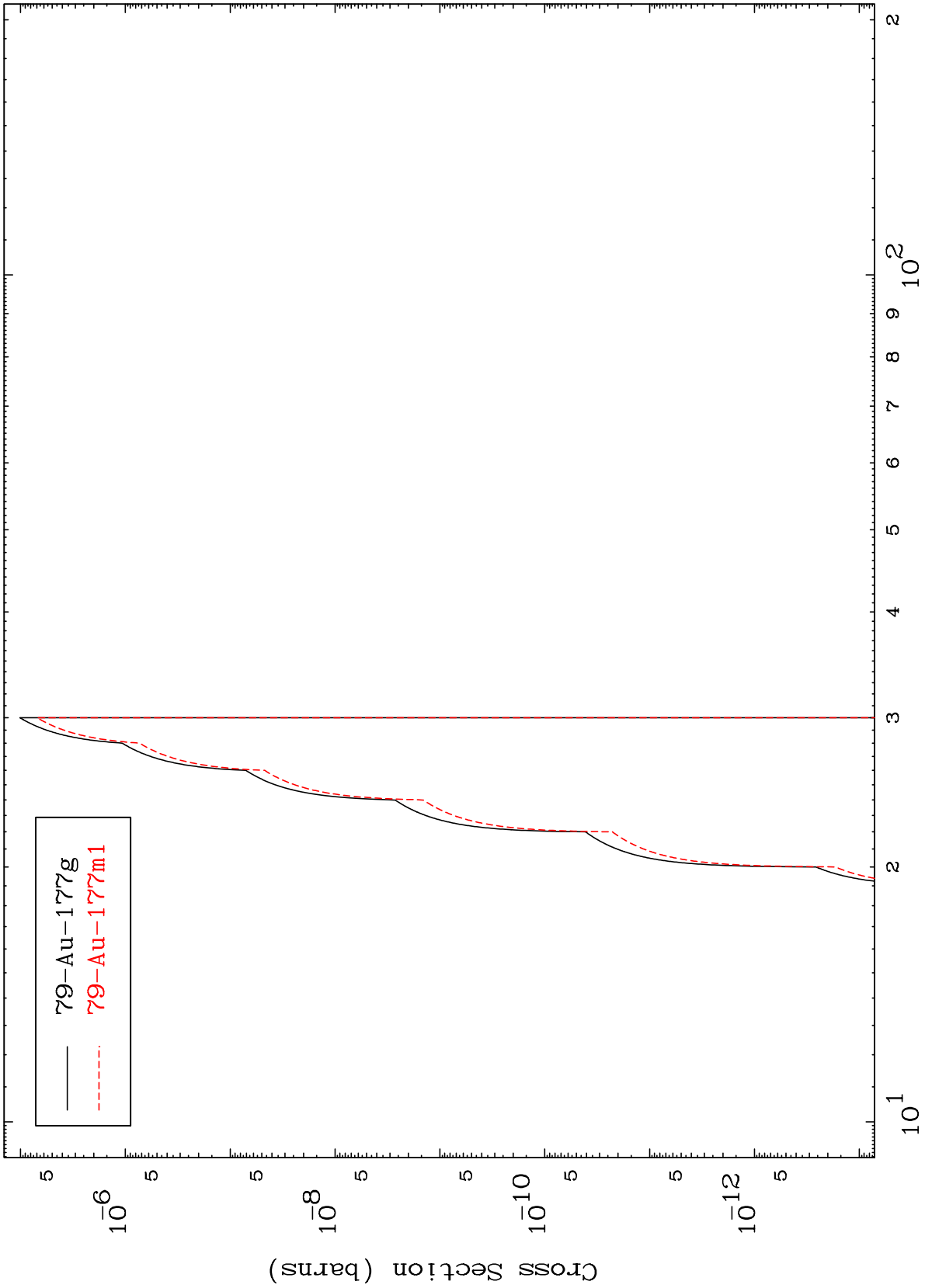
⁷⁹Au-176

MAT 7863

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

$^{79}\text{Au-176}$

Radionuclide Production Cross Section



13

Incident Energy (MeV)

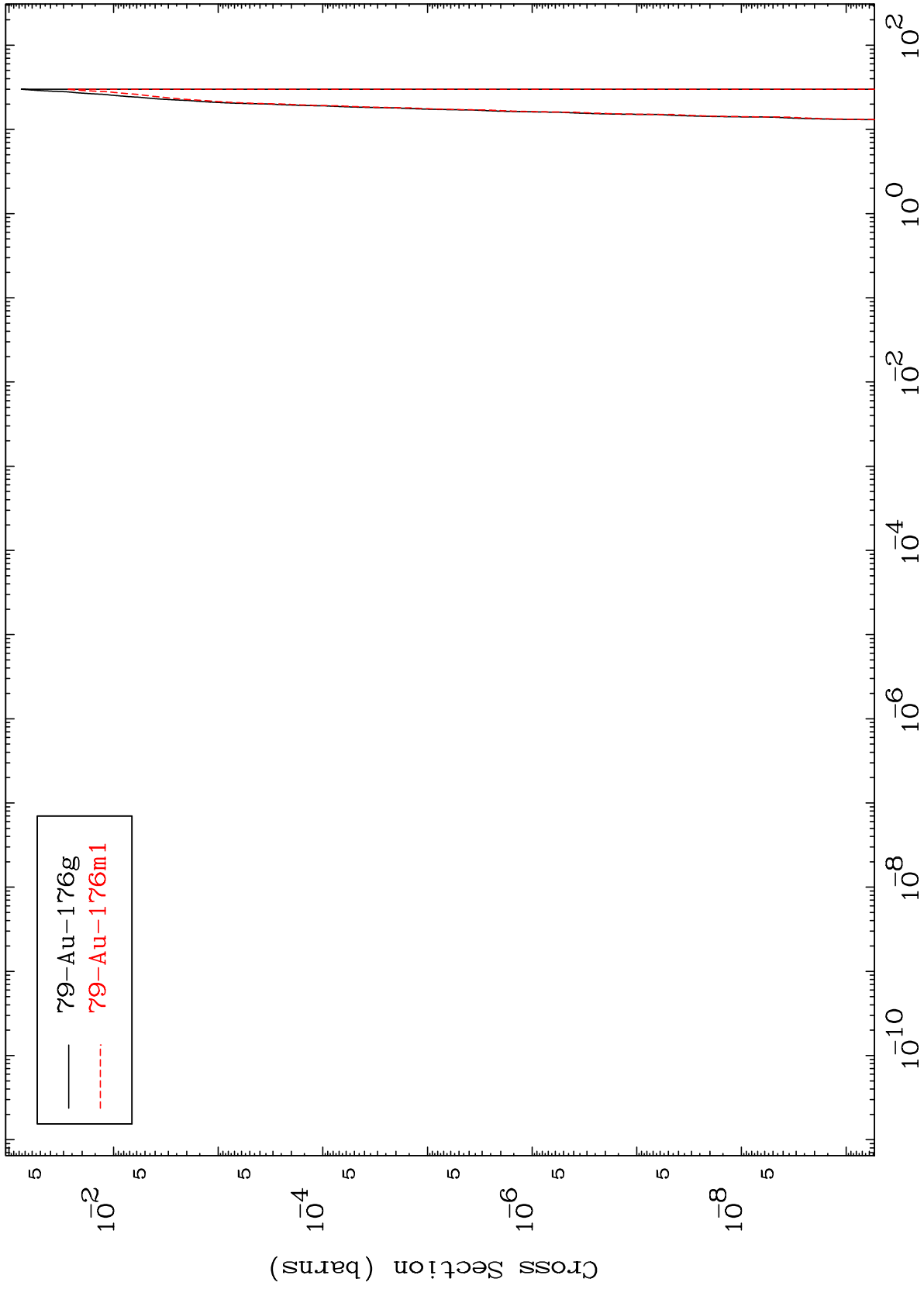
$^{79}\text{Au-176}$

MAT 7863

(α, α)

⁷⁹Au-176

Radionuclide Production Cross Section



14

Incident Energy (MeV)

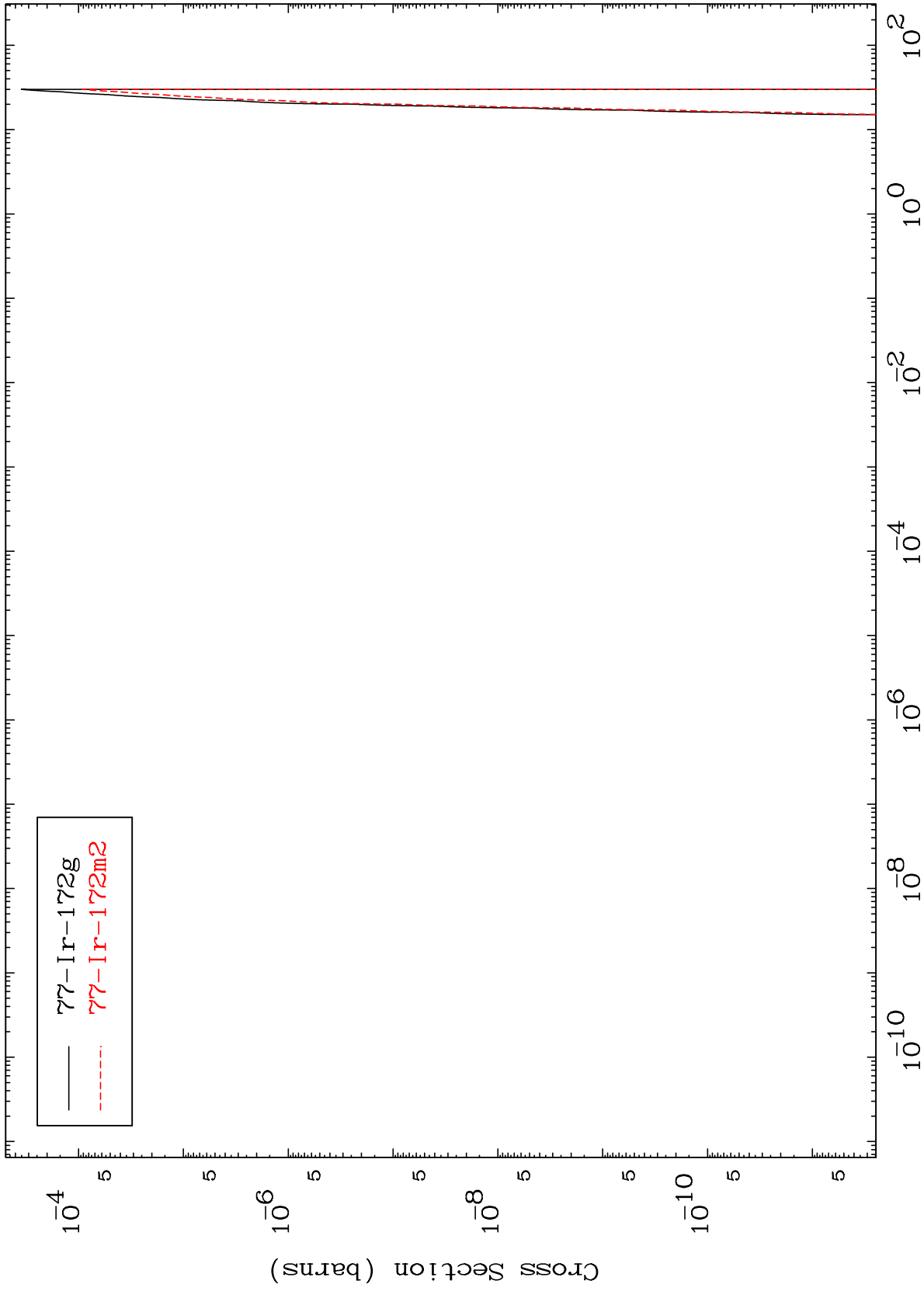
⁷⁹Au-176

MAT 7863

($\alpha, 2\alpha$)

⁷⁹Au-176

Radionuclide Production Cross Section



15

Incident Energy (MeV)

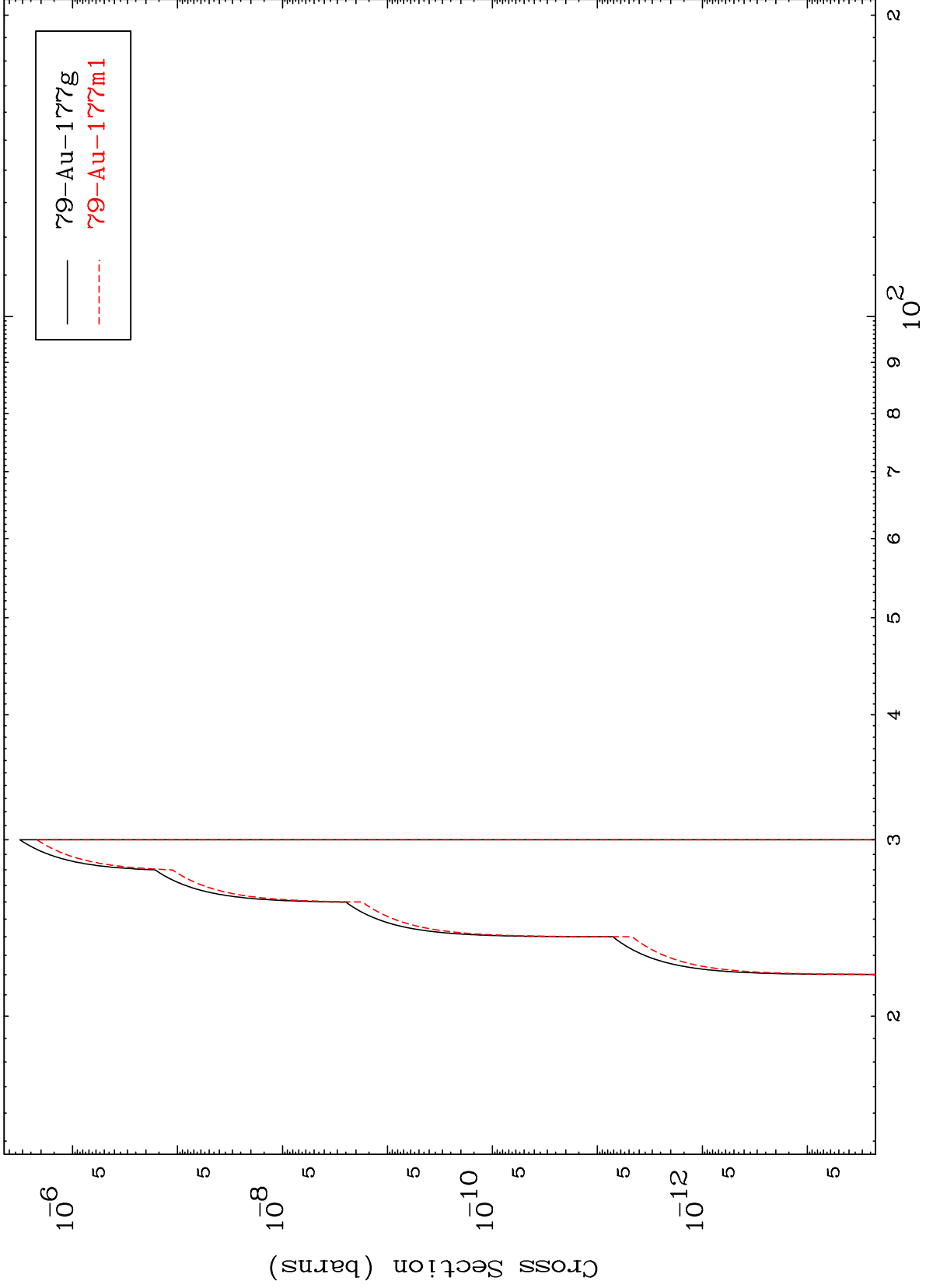
⁷⁹Au-176

MAT 7863

(α, p) d

⁷⁹Au-176

Radionuclide Production Cross Section



16

Incident Energy (MeV)

⁷⁹Au-176