

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

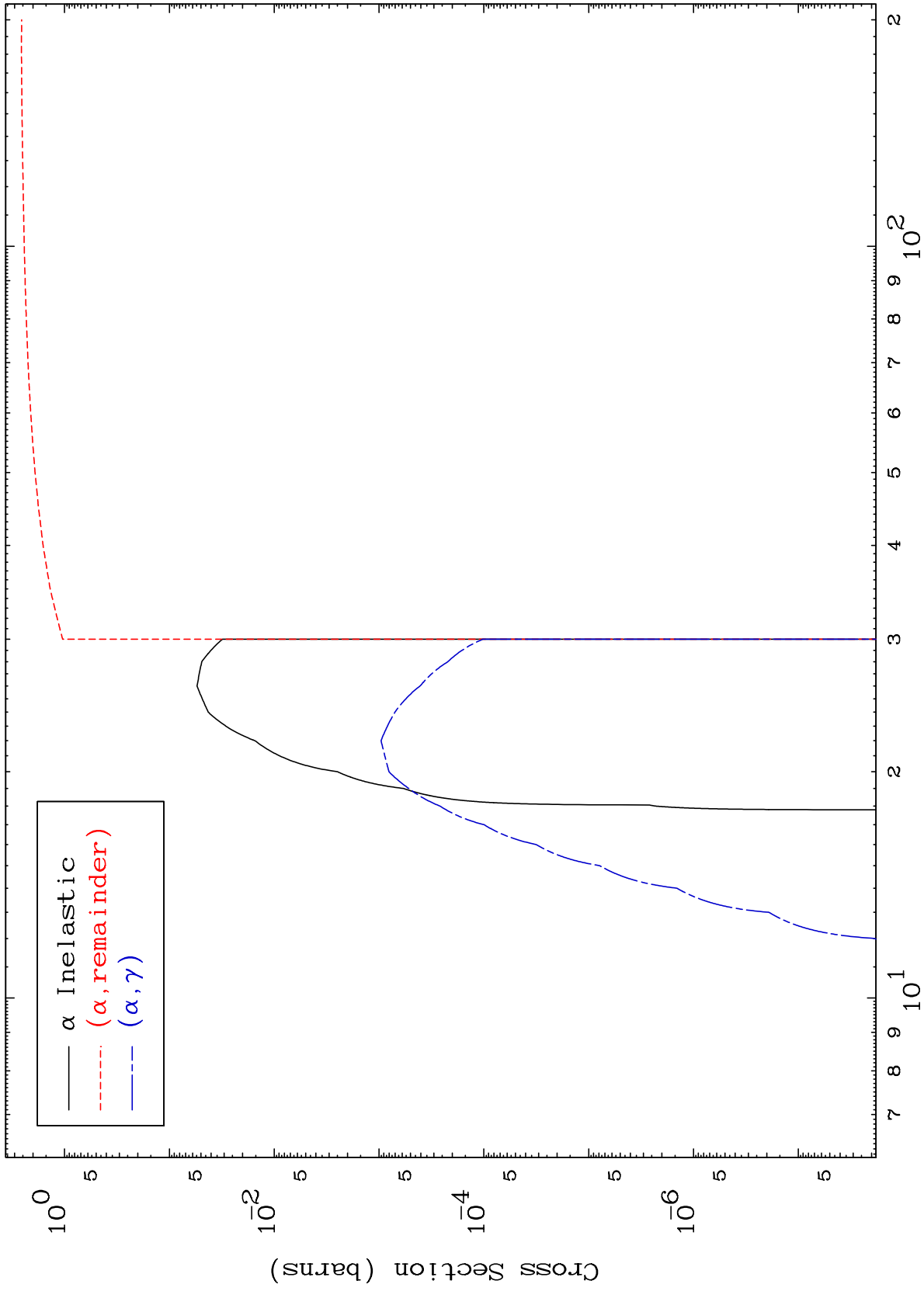
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7671

0 Kelvin  $\alpha$  Major  
Cross Sections

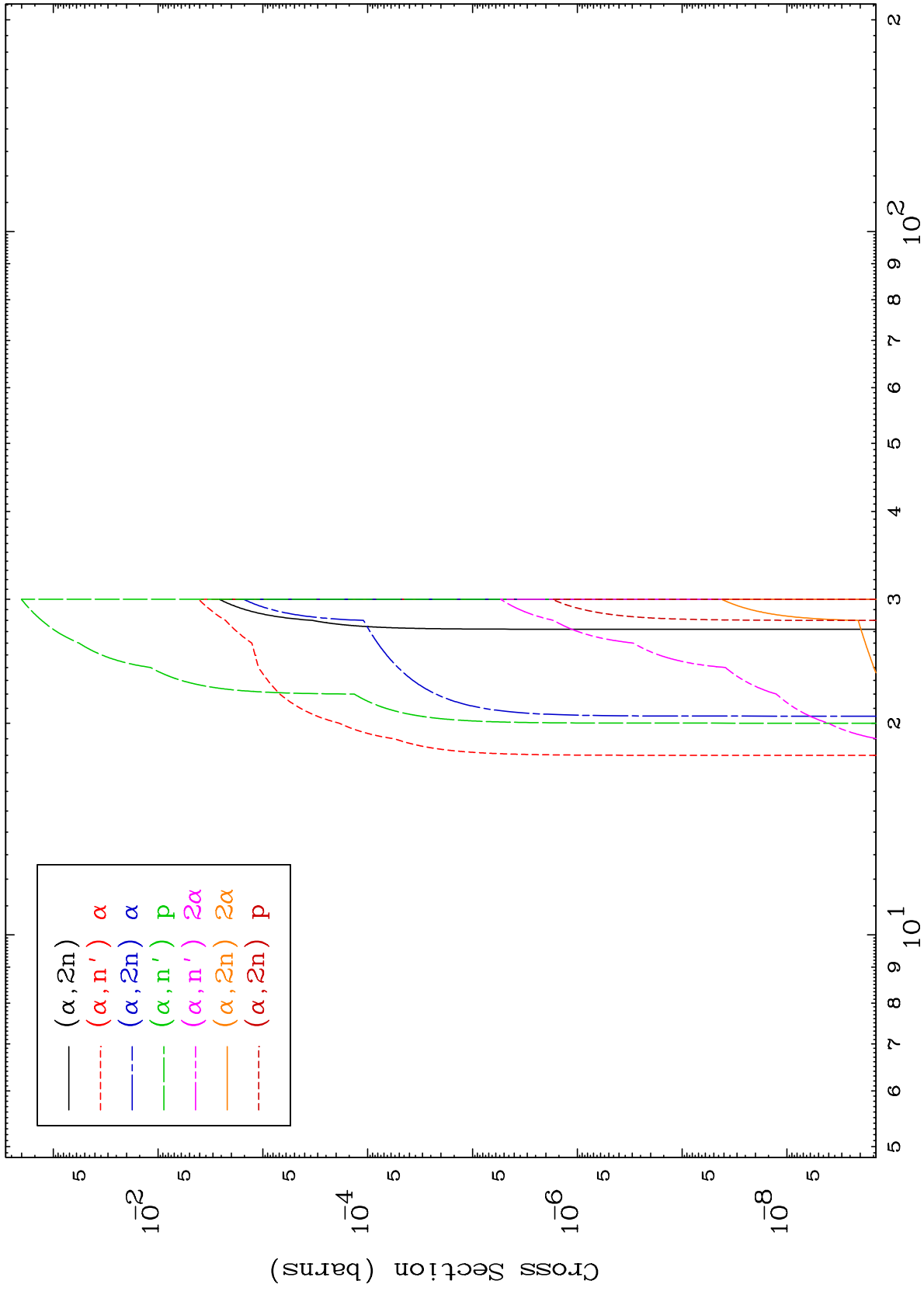
77-Ir-173

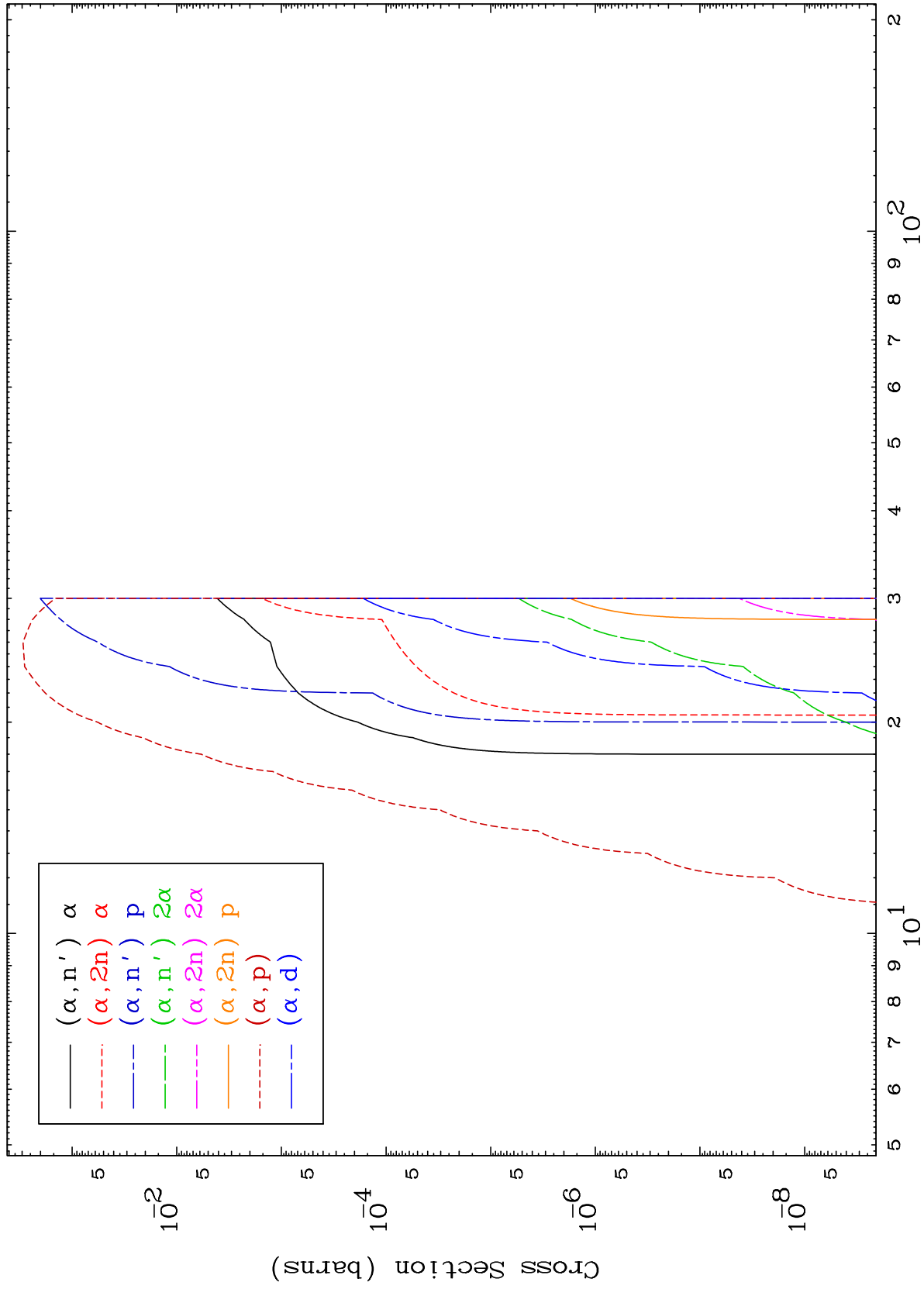


1

Incident Energy (MeV)

77-Ir-173

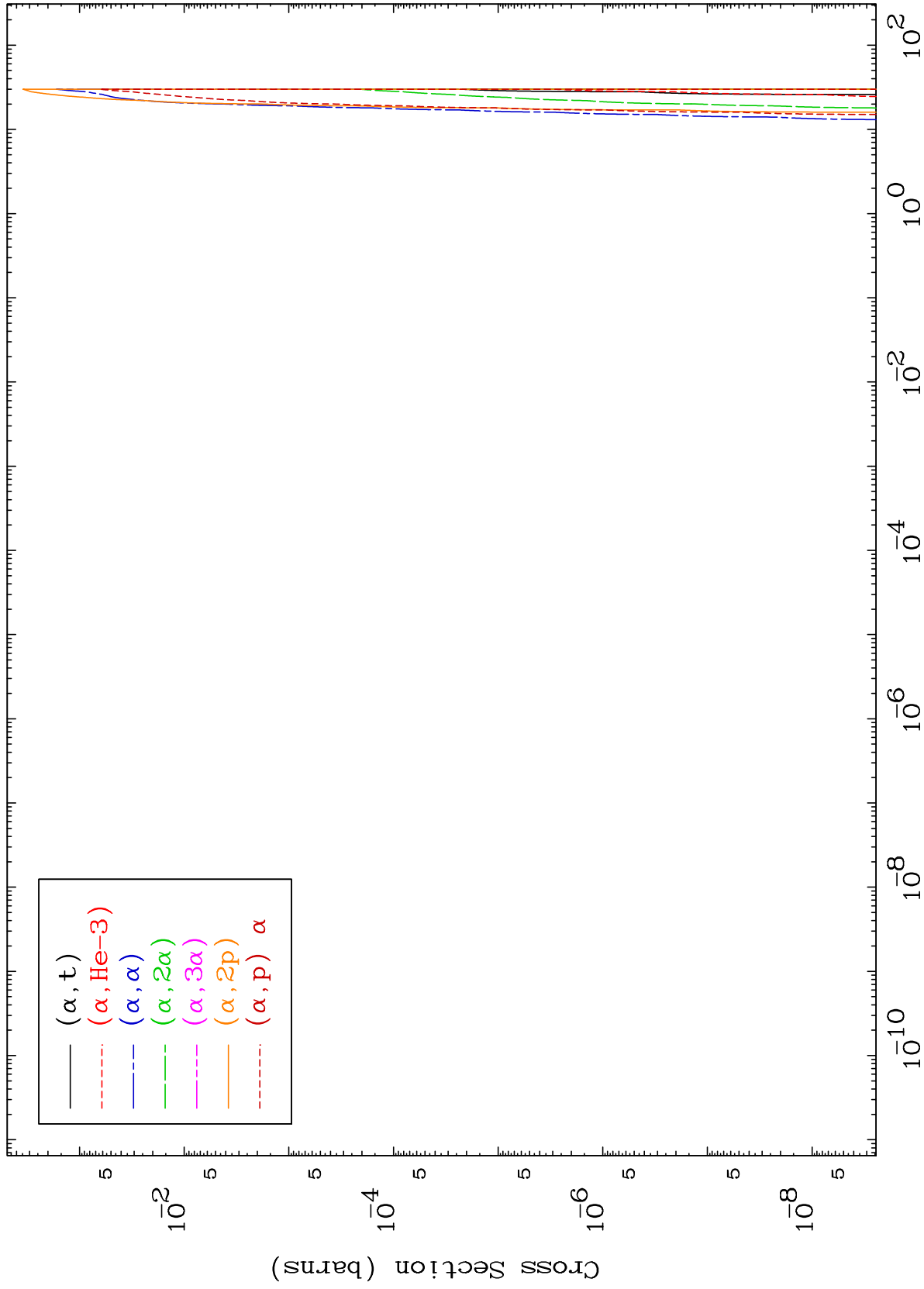




MAT 7671

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

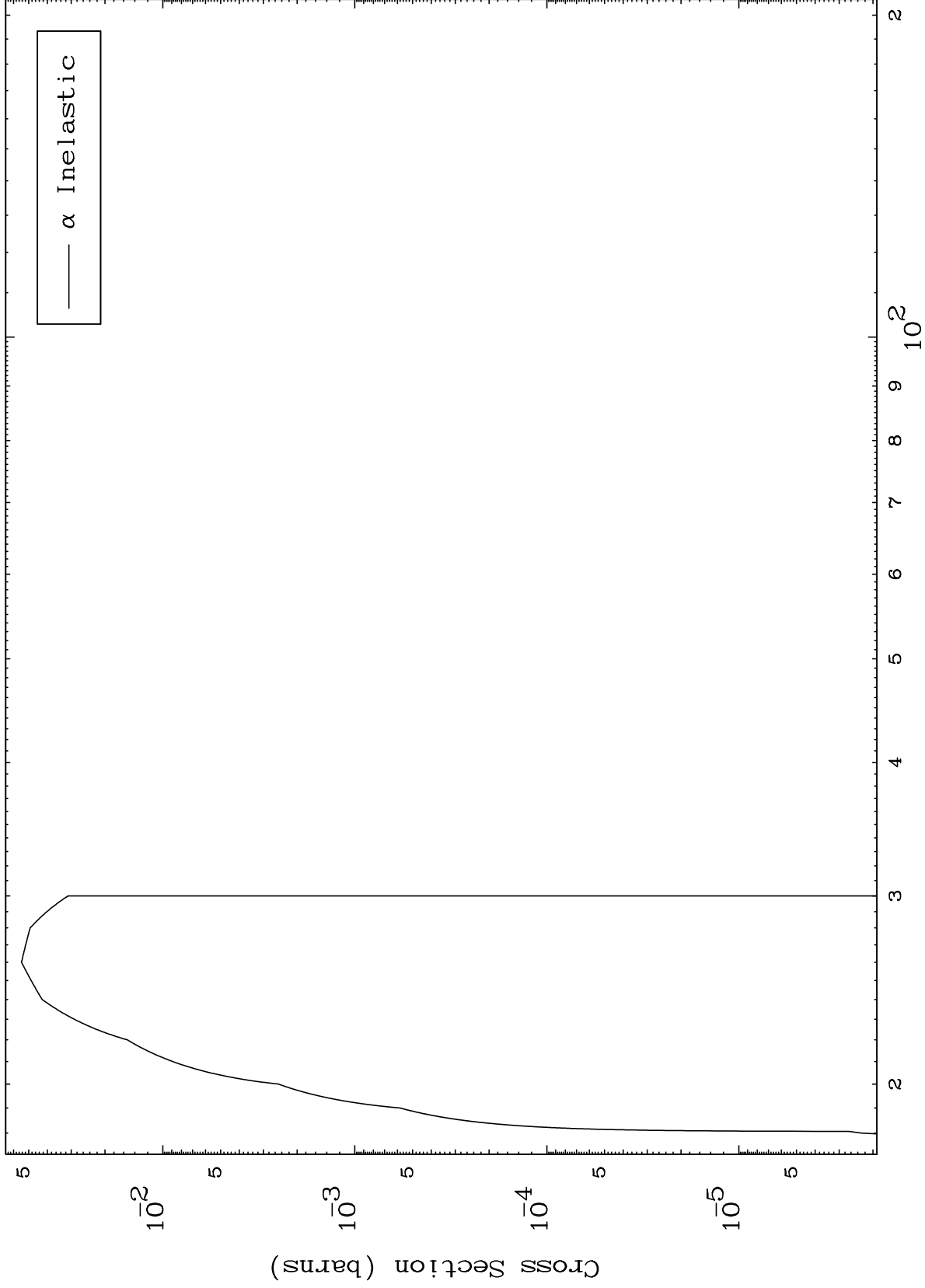
77-Ir-173



MAT 7671

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

77-Ir-173



5

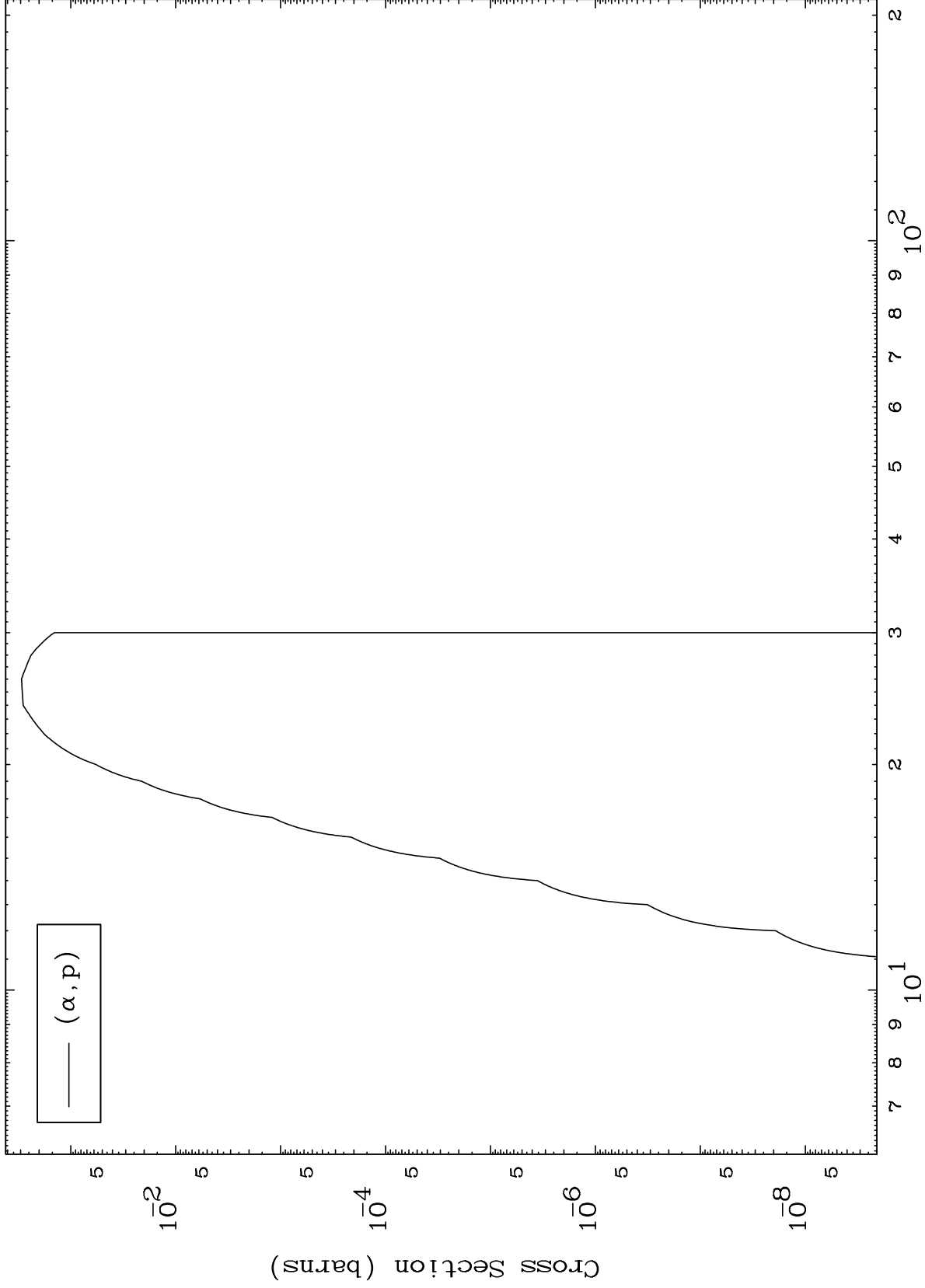
Incident Energy (MeV)

77-Ir-173

MAT 7671

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

77-Ir-173



6

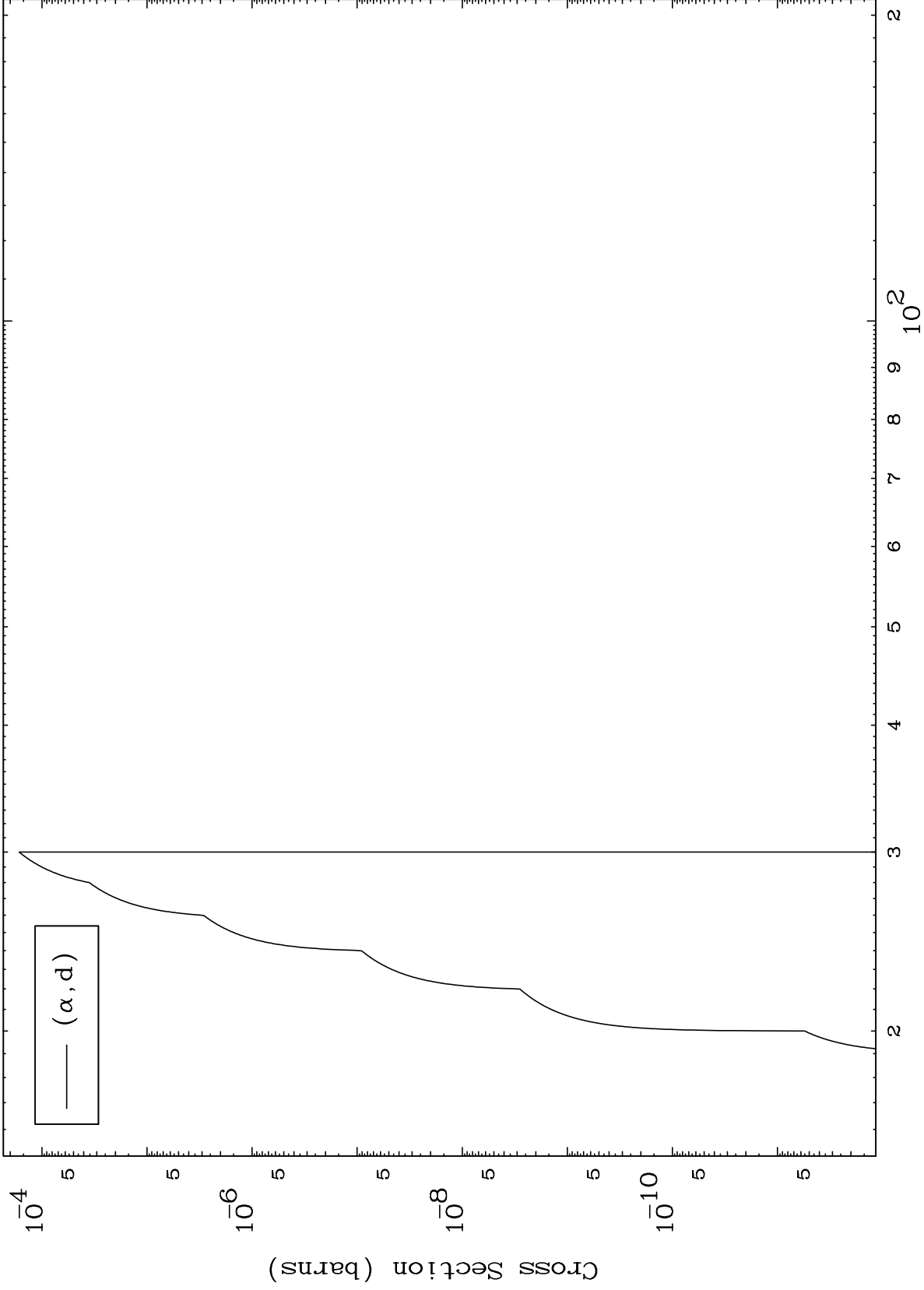
Incident Energy (MeV)

77-Ir-173

MAT 7671

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

77-Ir-173

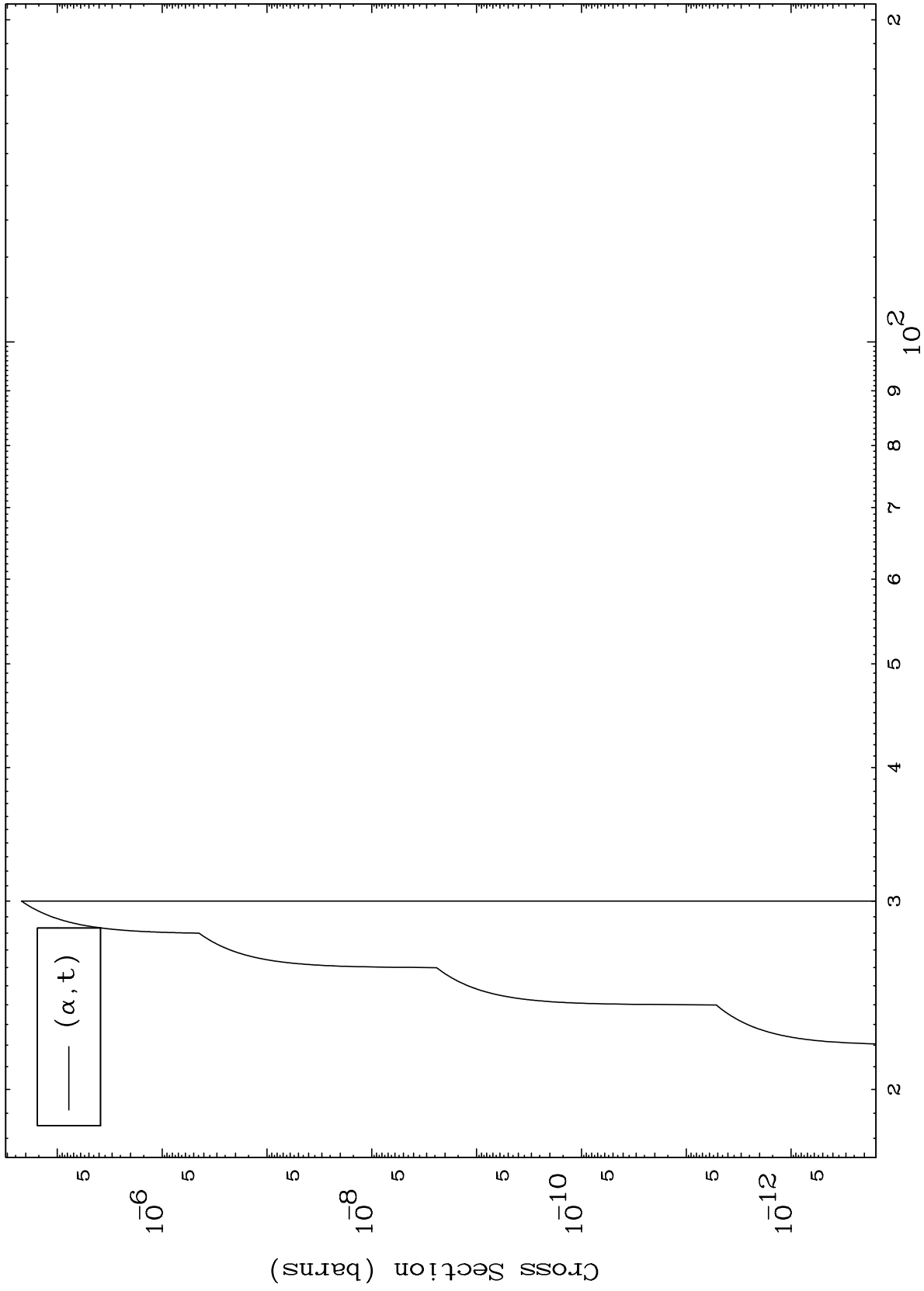


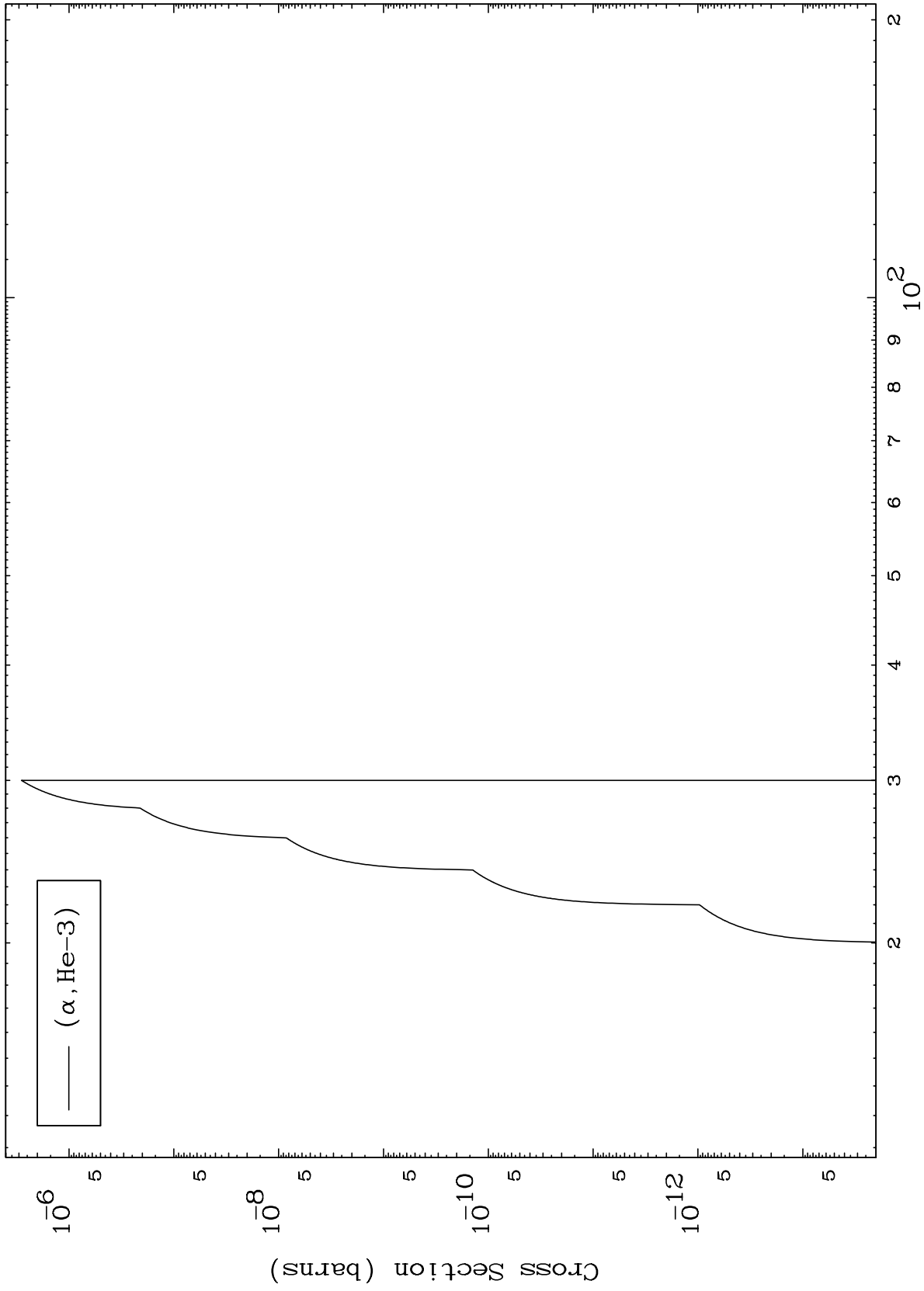
7

Incident Energy (MeV)

77-Ir-173



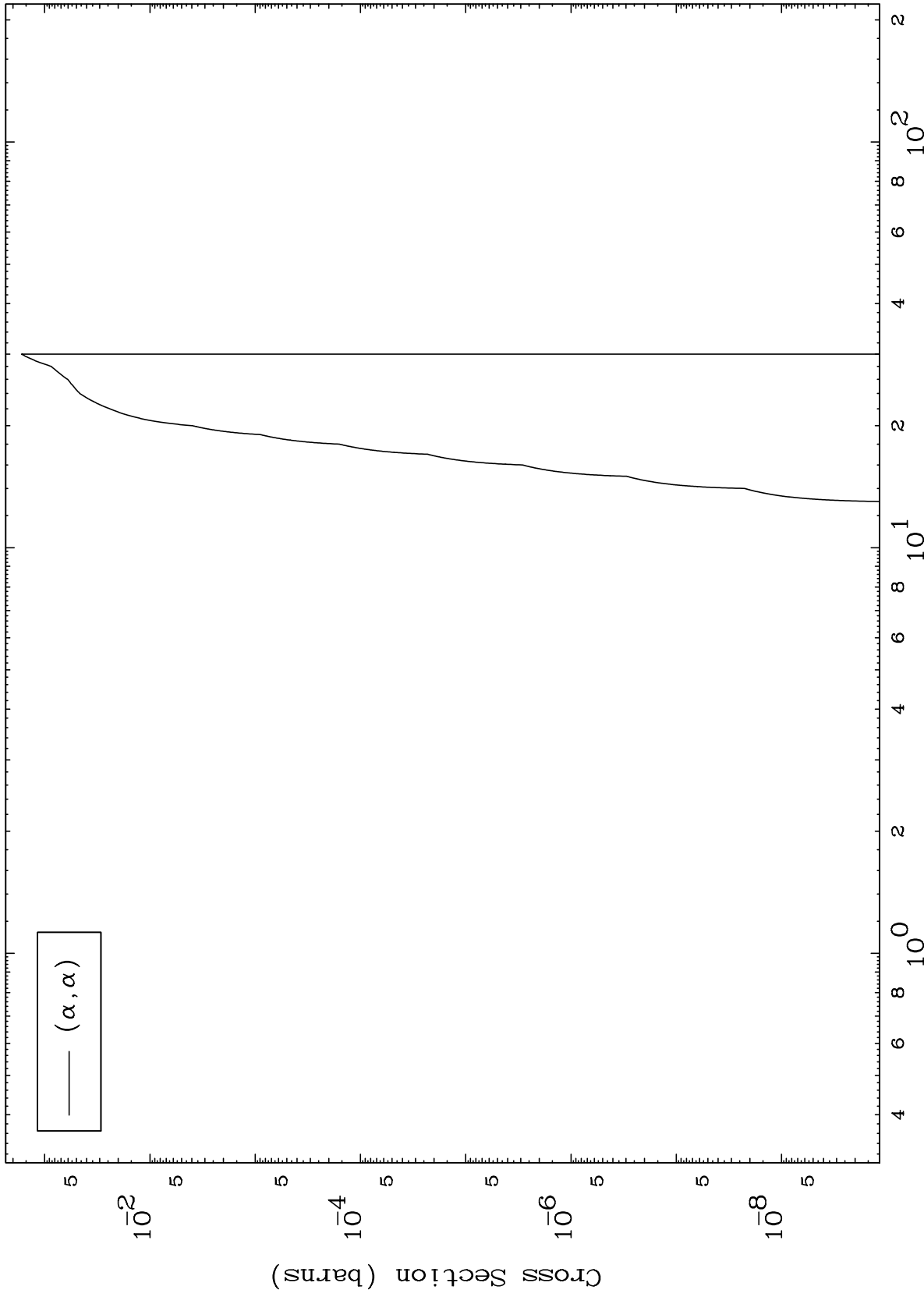




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( $\alpha, \alpha$ ) Levels  
0 Kelvin Cross Sections

77-Ir-173



10

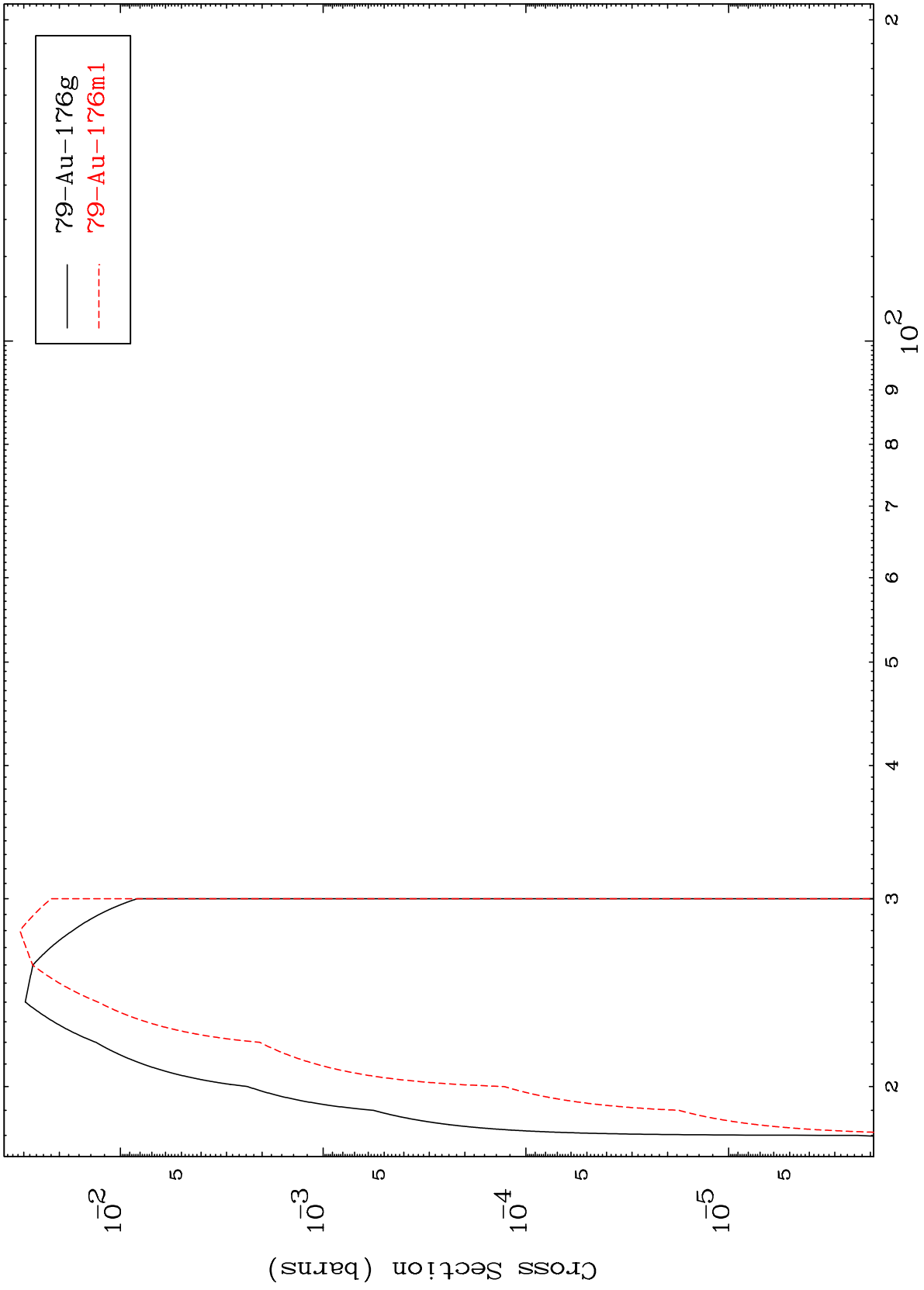
Incident Energy (MeV)

77-Ir-173

MAT 7671

$\alpha$  Inelastic  
Radionuclide Production Cross Section

77-Ir-173



11

Incident Energy (MeV)

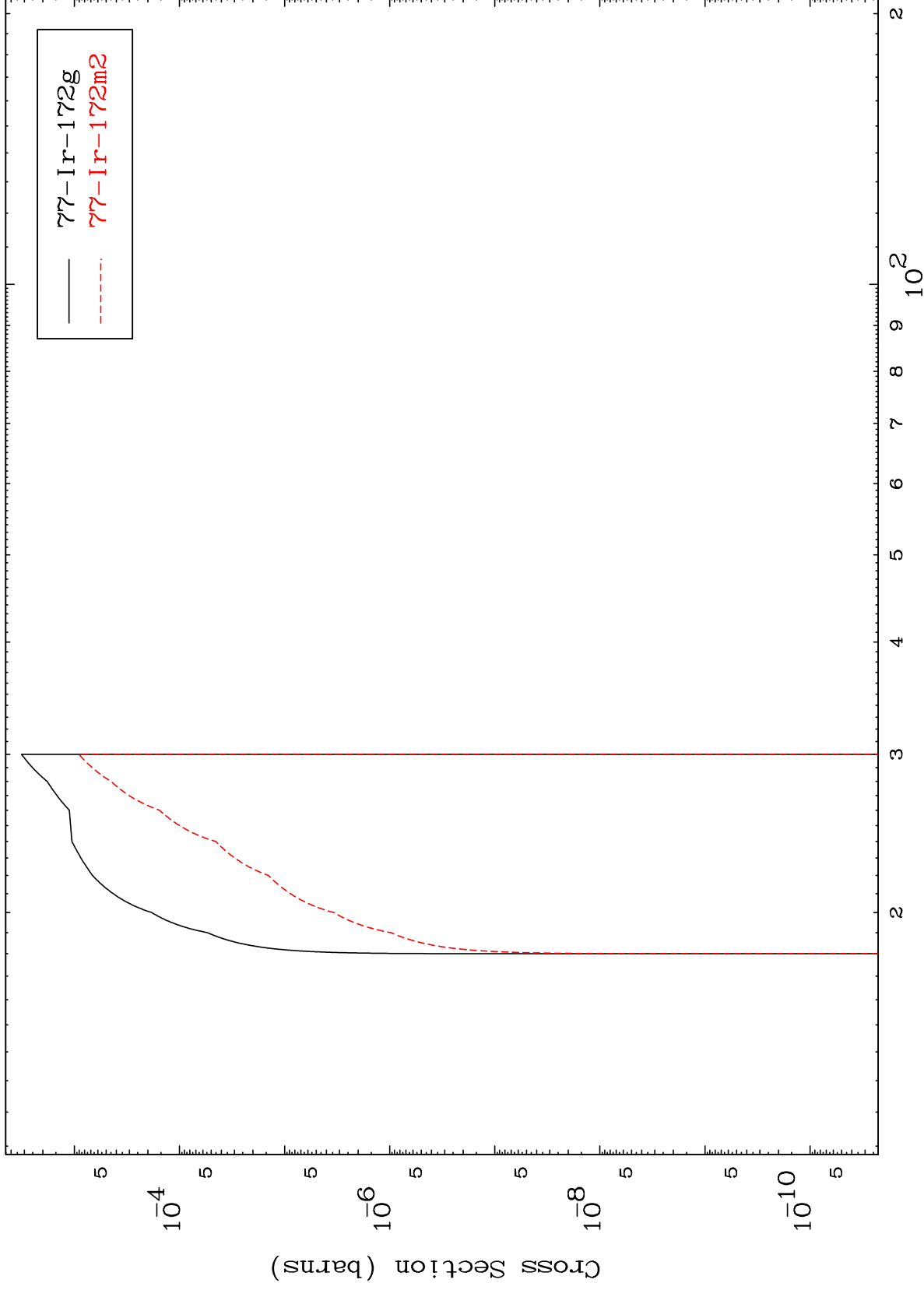
77-Ir-173

MAT 7671

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

$^{77}\text{Ir-173}$

Radionuclide Production Cross Section



12

Incident Energy (MeV)

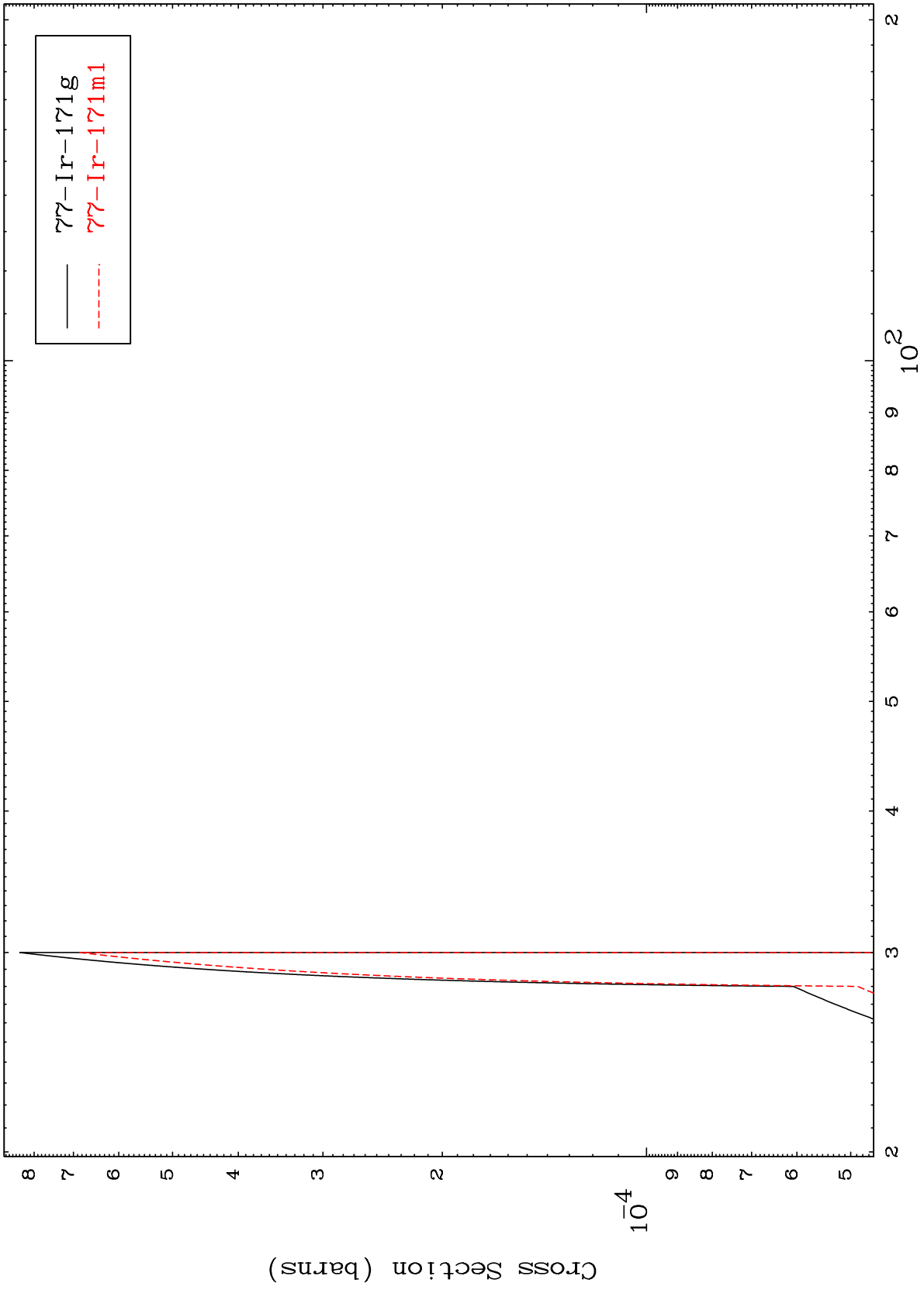
$^{77}\text{Ir-173}$

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$(\alpha, 2n) \alpha$

$^{77}\text{Ir-173}$

Radionuclide Production Cross Section



13

Incident Energy (MeV)

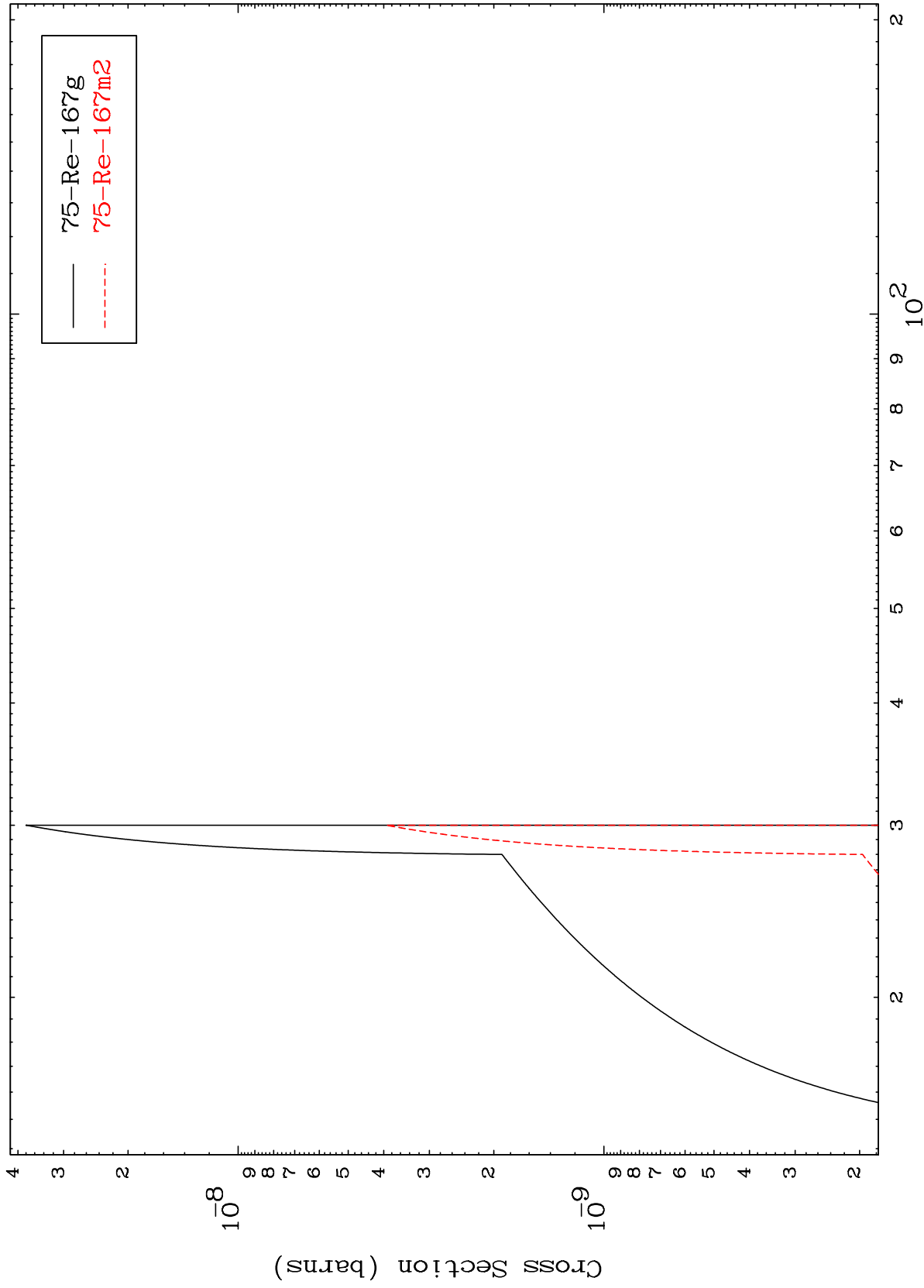
$^{77}\text{Ir-173}$

MAT 7671

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

$^{77}\text{Ir-173}$

Radionuclide Production Cross Section



14

Incident Energy (MeV)

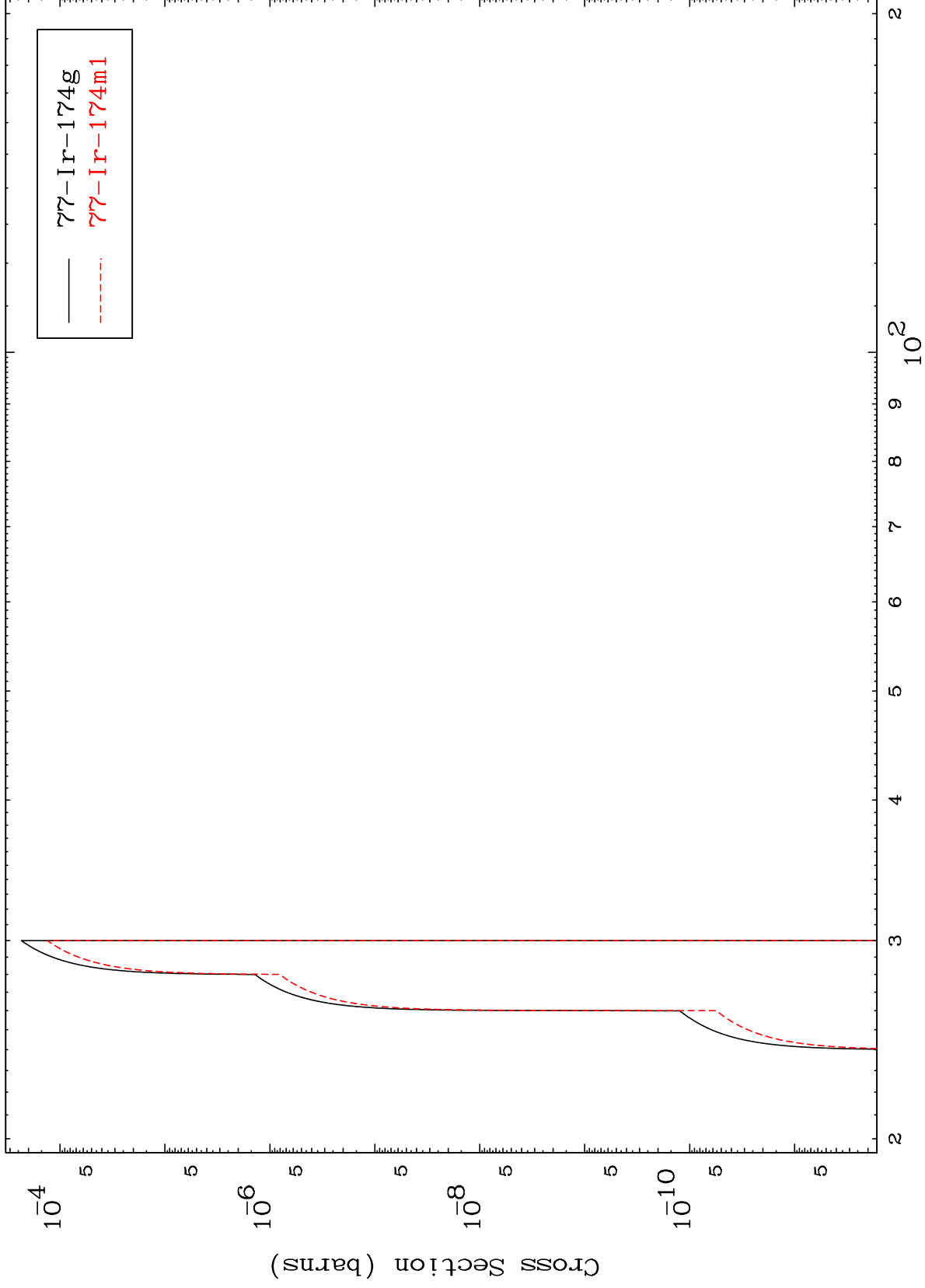
$^{77}\text{Ir-173}$

MAT 7671

( $\alpha, 2n$ ) p

<sup>77</sup>Ir-173

Radionuclide Production Cross Section



15

Incident Energy (MeV)

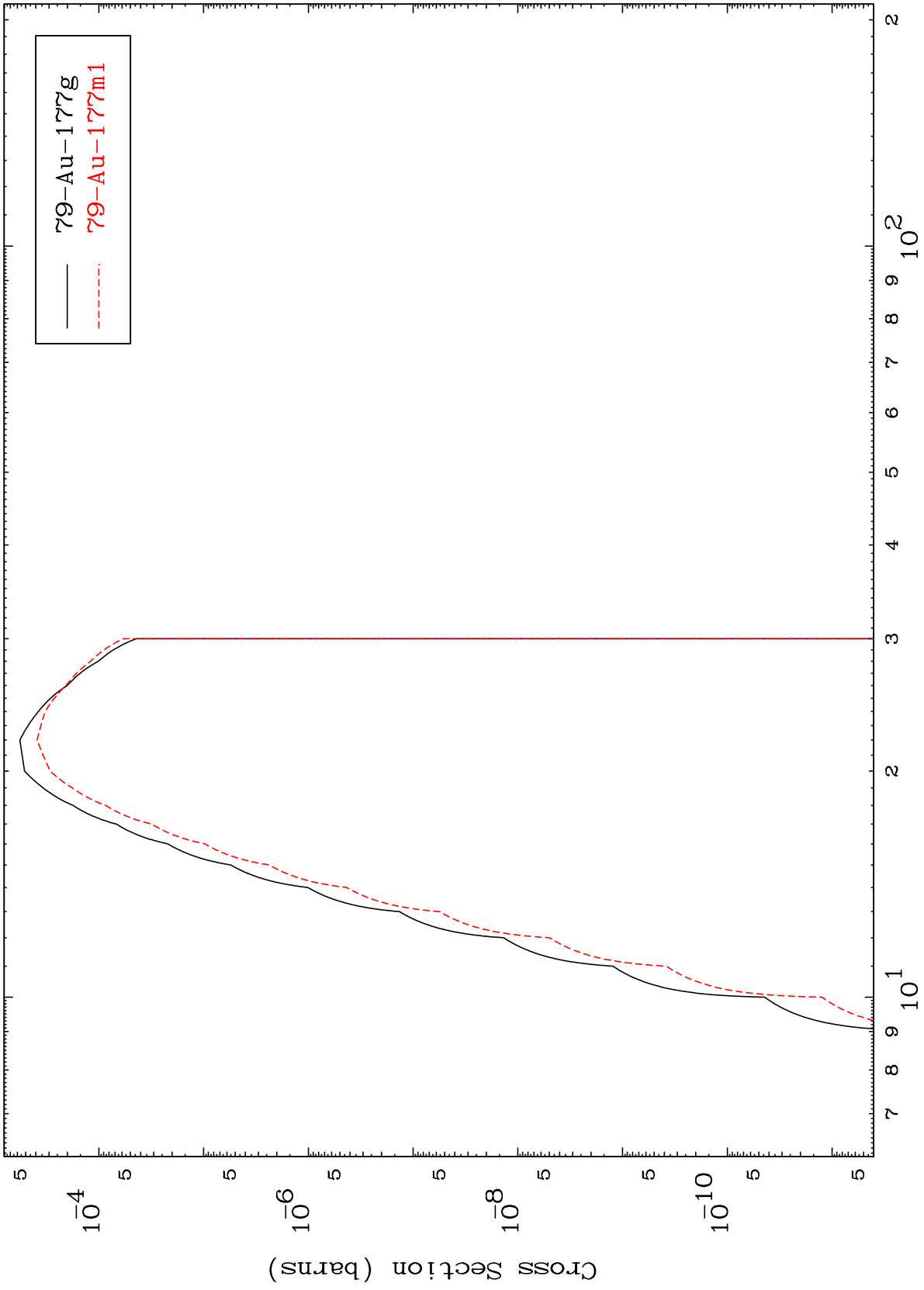
<sup>77</sup>Ir-173



MAT 7671

77-Ir-173

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



16

Incident Energy (MeV)

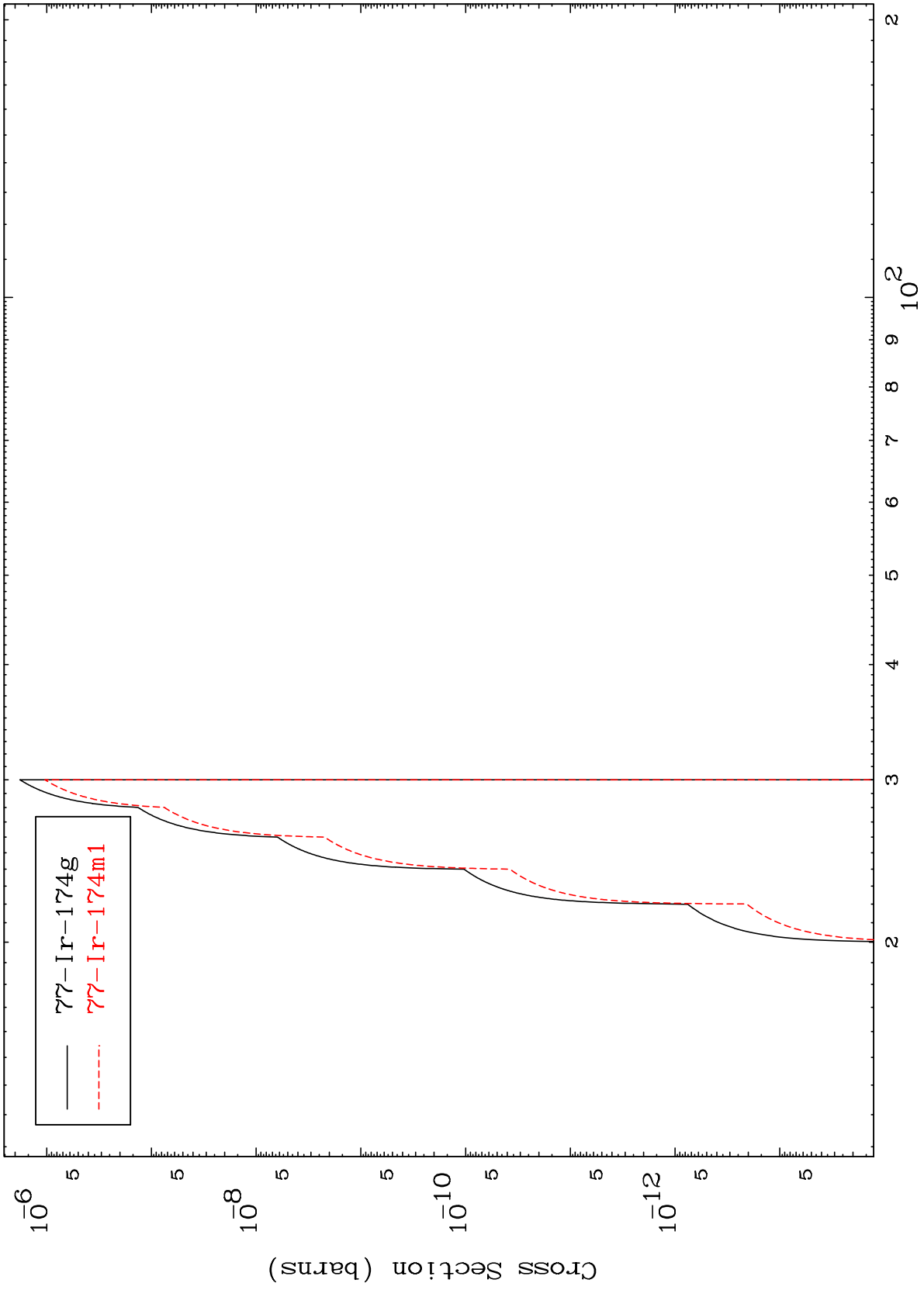
77-Ir-173

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

$^{77}\text{Ir-173}$

Radionuclide Production Cross Section



17

Incident Energy (MeV)

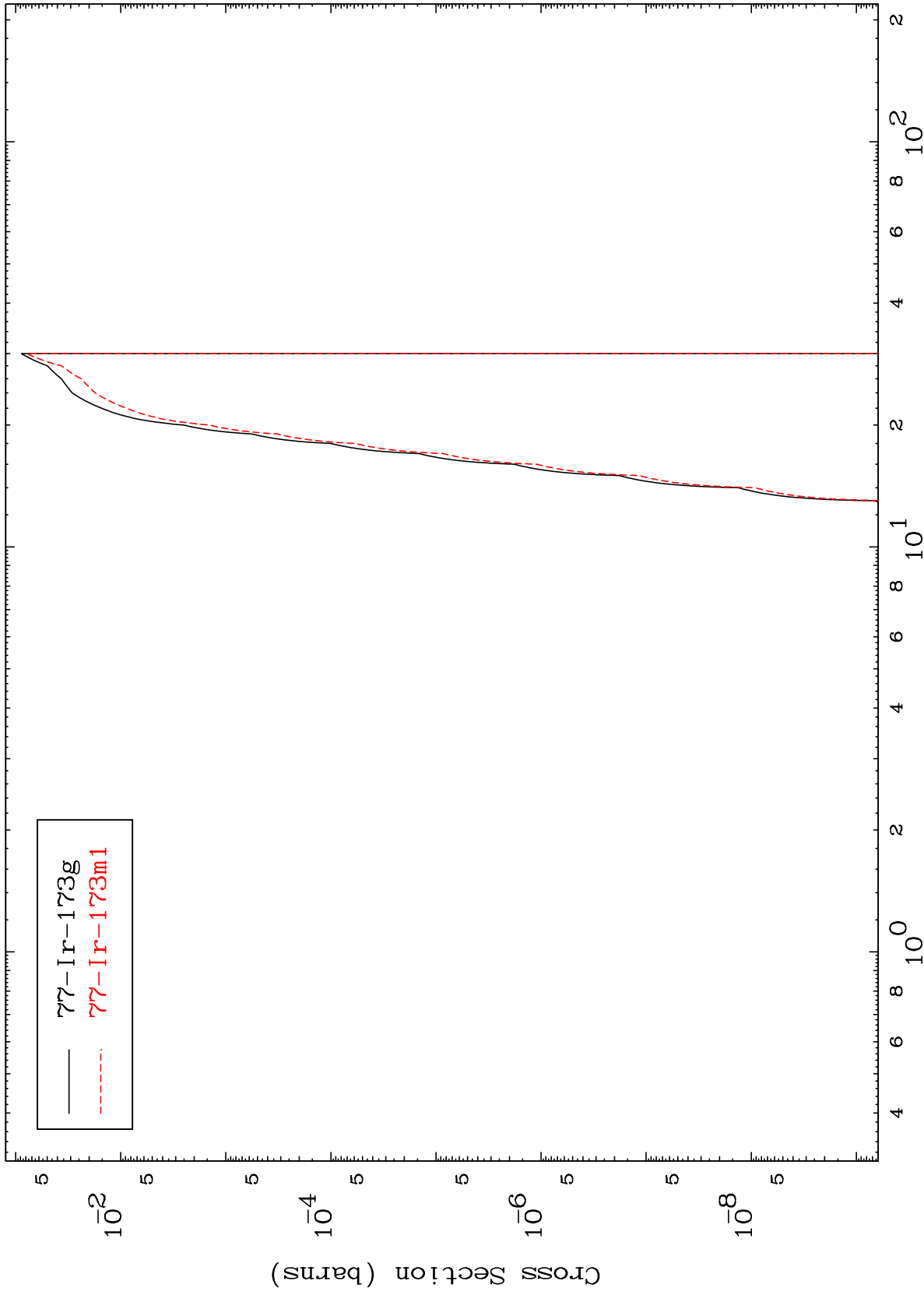
$^{77}\text{Ir-173}$

MAT 7671

( $\alpha, \alpha$ )

<sup>77</sup>Ir-173

Radionuclide Production Cross Section



18

Incident Energy (MeV)

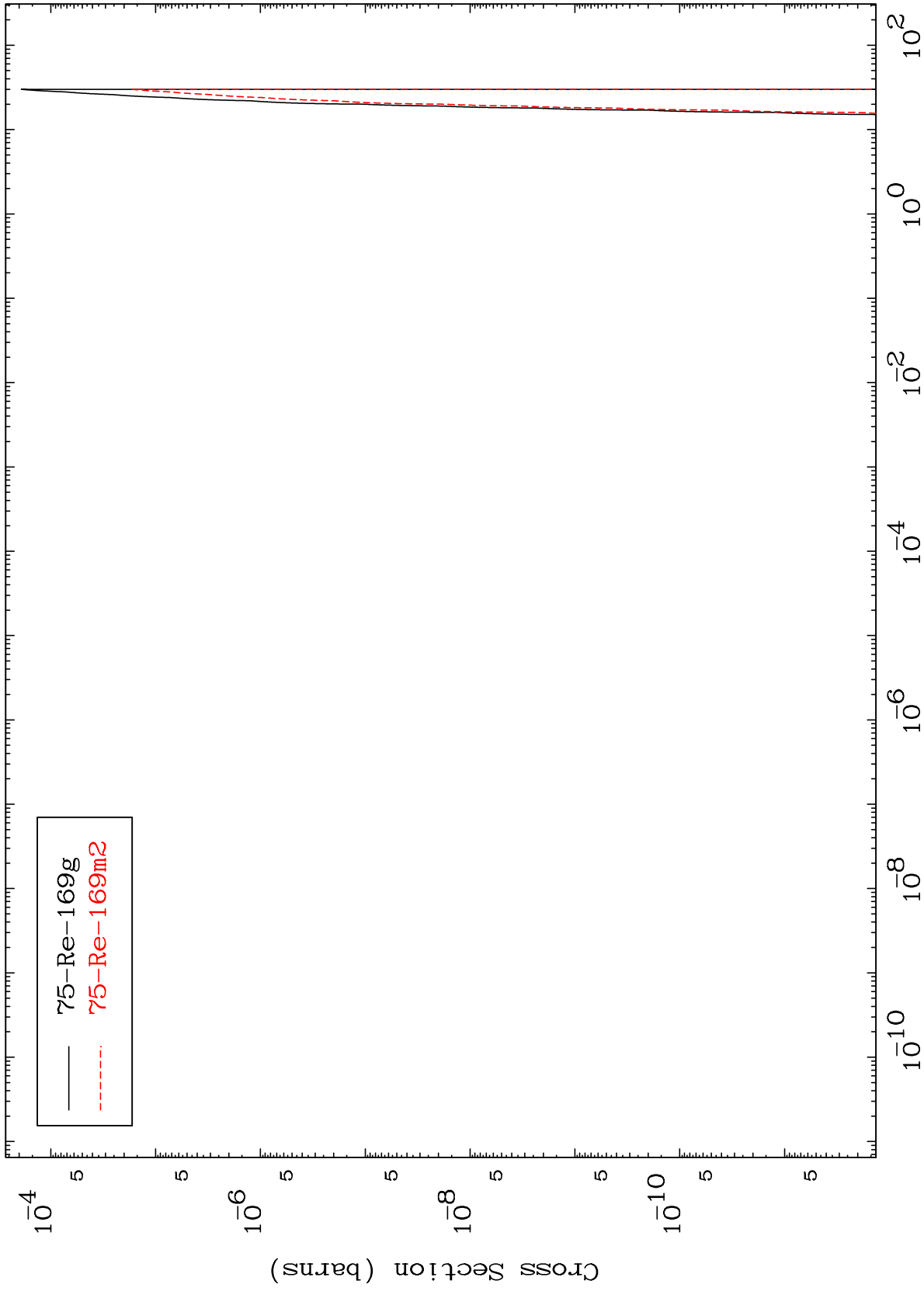
<sup>77</sup>Ir-173

MAT 7671

( $\alpha, 2\alpha$ )

<sup>77</sup>Ir-173

Radionuclide Production Cross Section



19

Incident Energy (MeV)

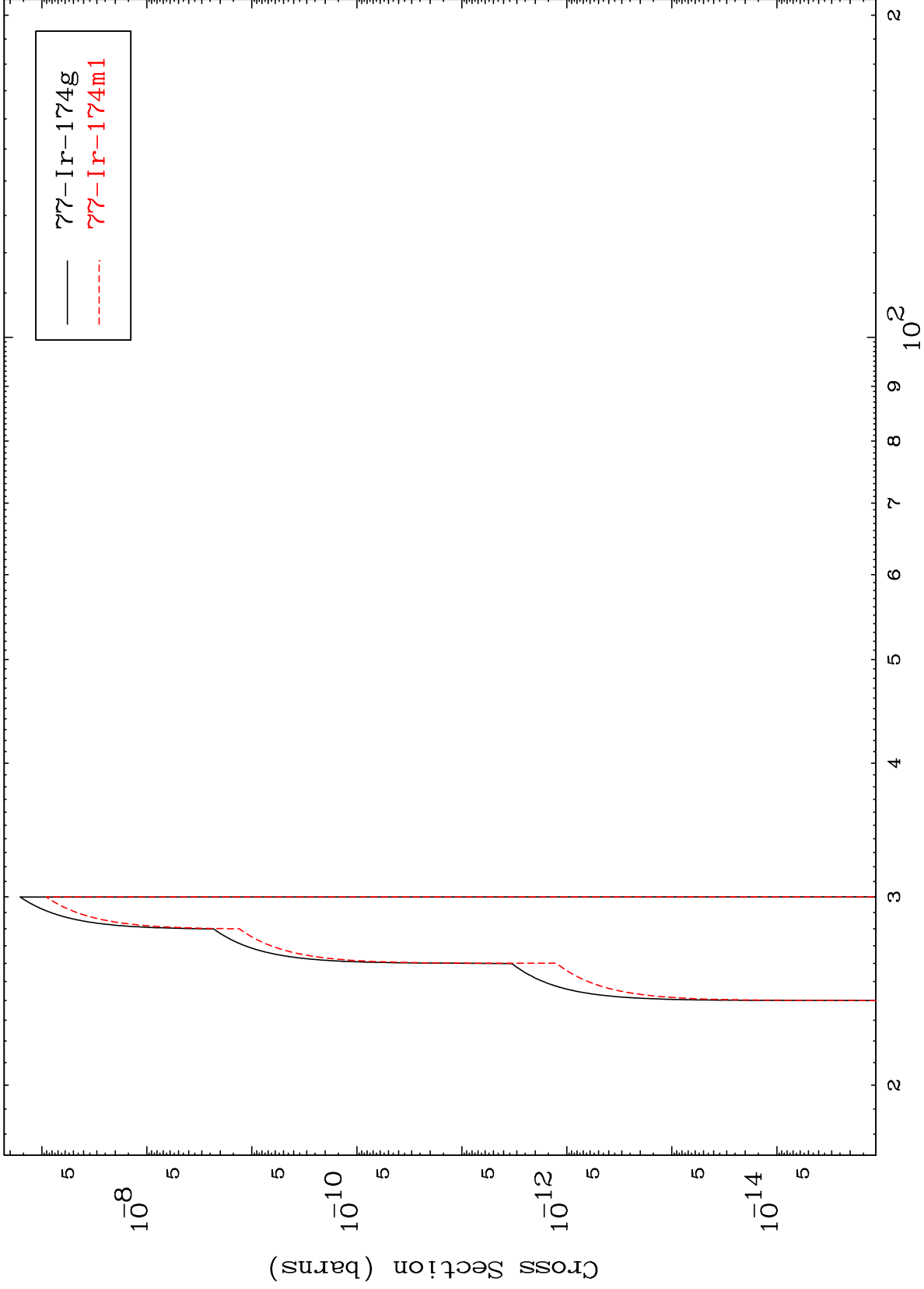
<sup>77</sup>Ir-173

MAT 7671

( $\alpha, p$ ) d

<sup>77</sup>Ir-173

Radionuclide Production Cross Section



20

Incident Energy (MeV)

<sup>77</sup>Ir-173