

Program EVALPLOT  
(Version 2018-1)

by

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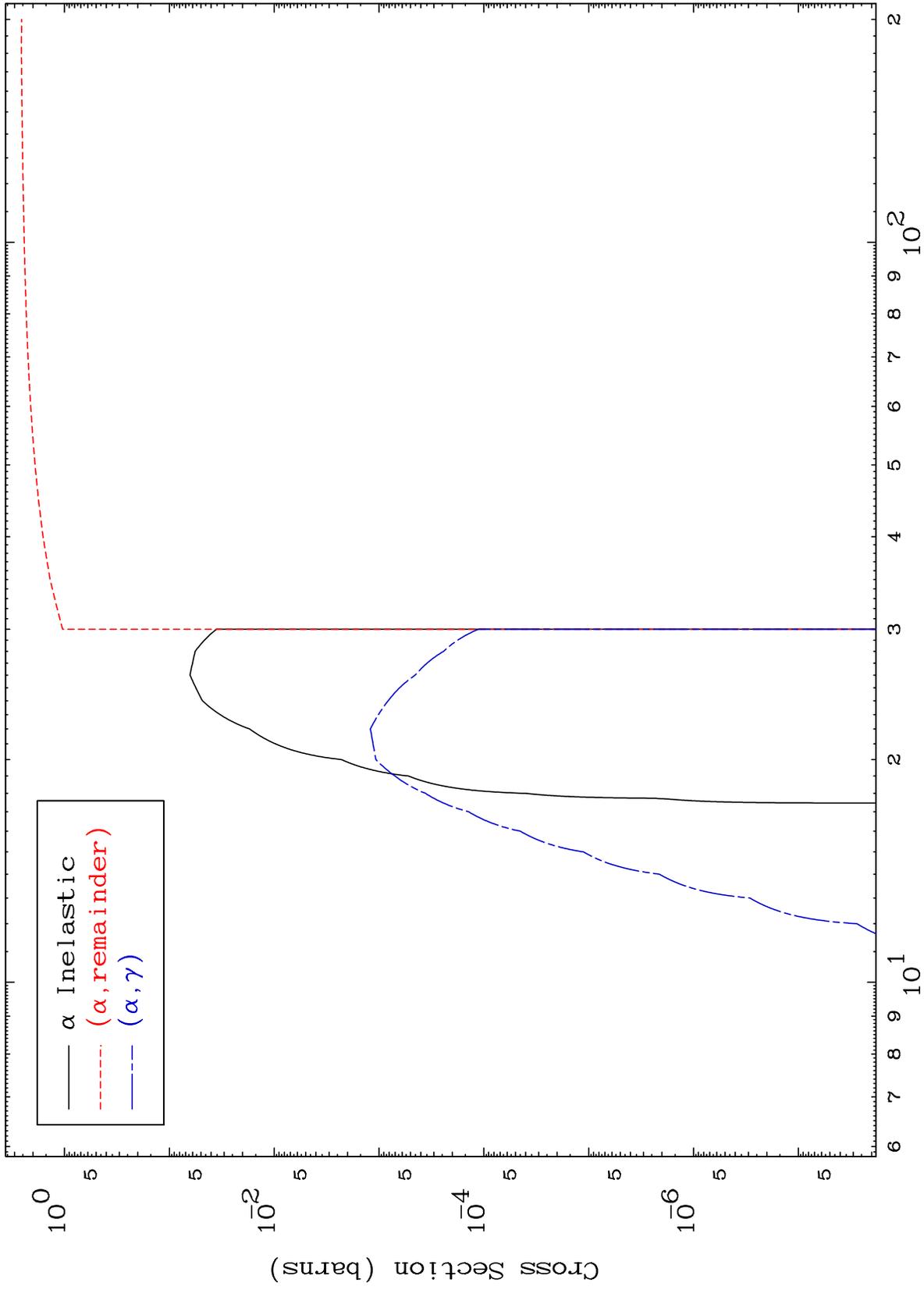
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

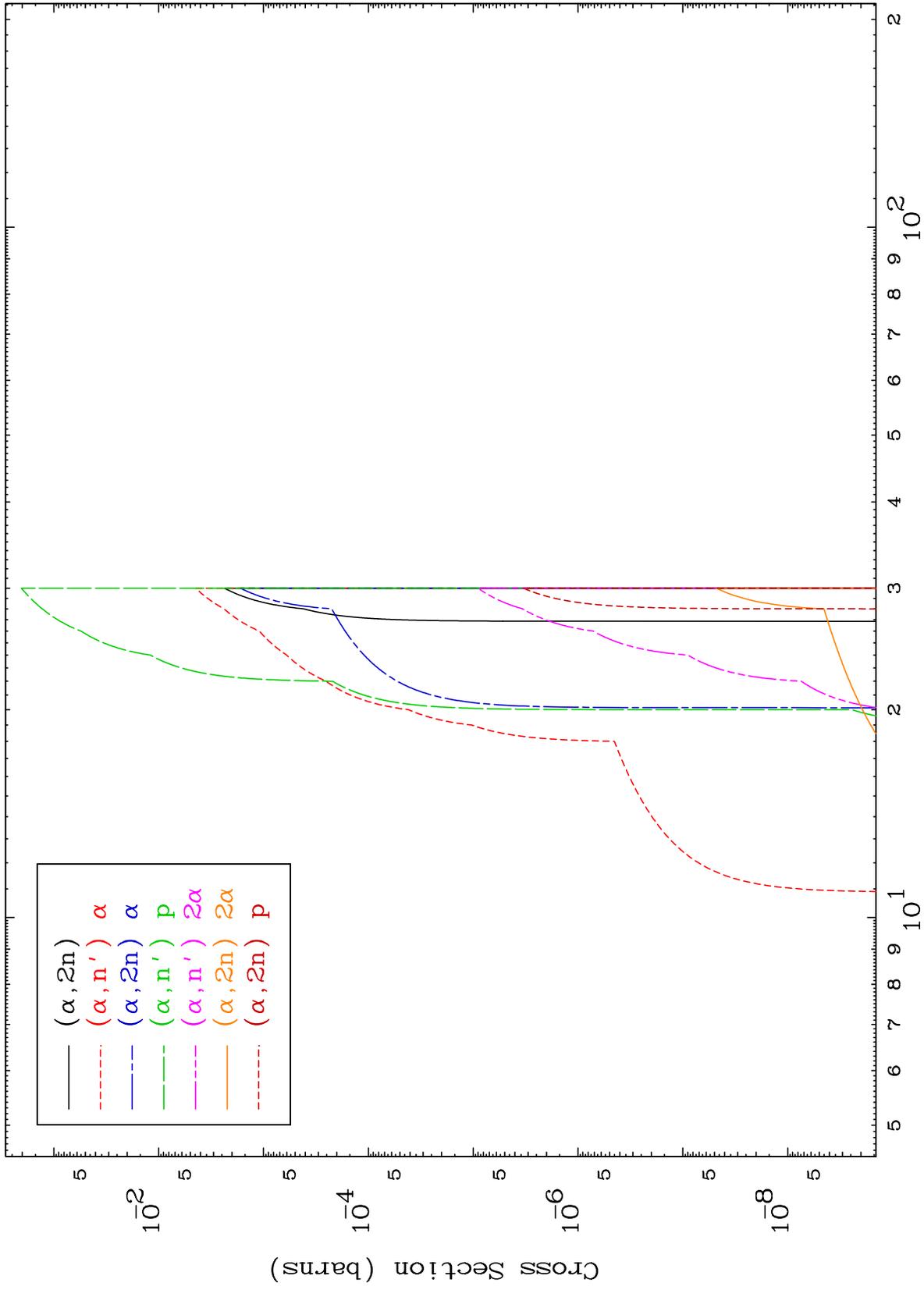
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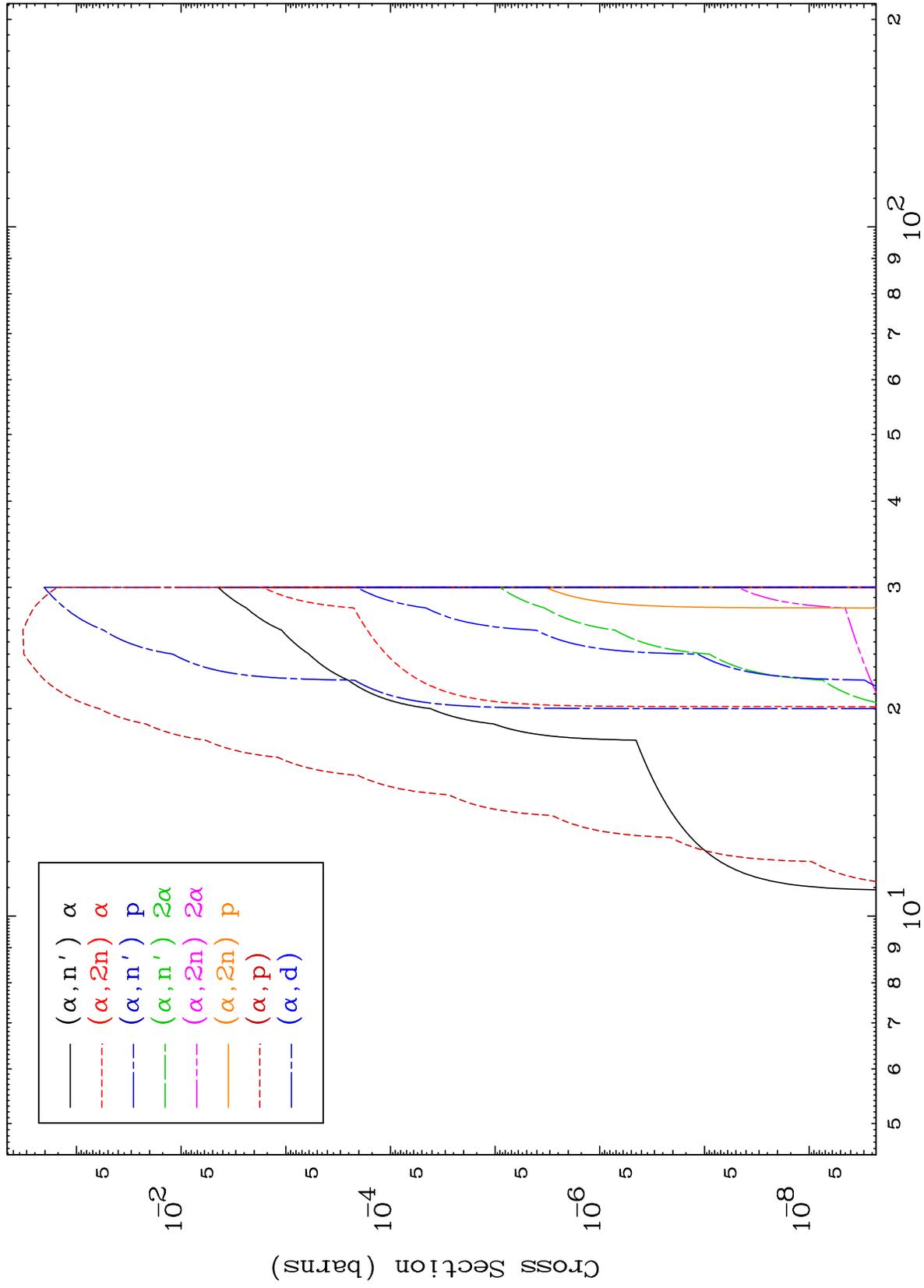
MAT 7672

0 Kelvin  $\alpha$  Major  
Cross Sections

77-Ir-173



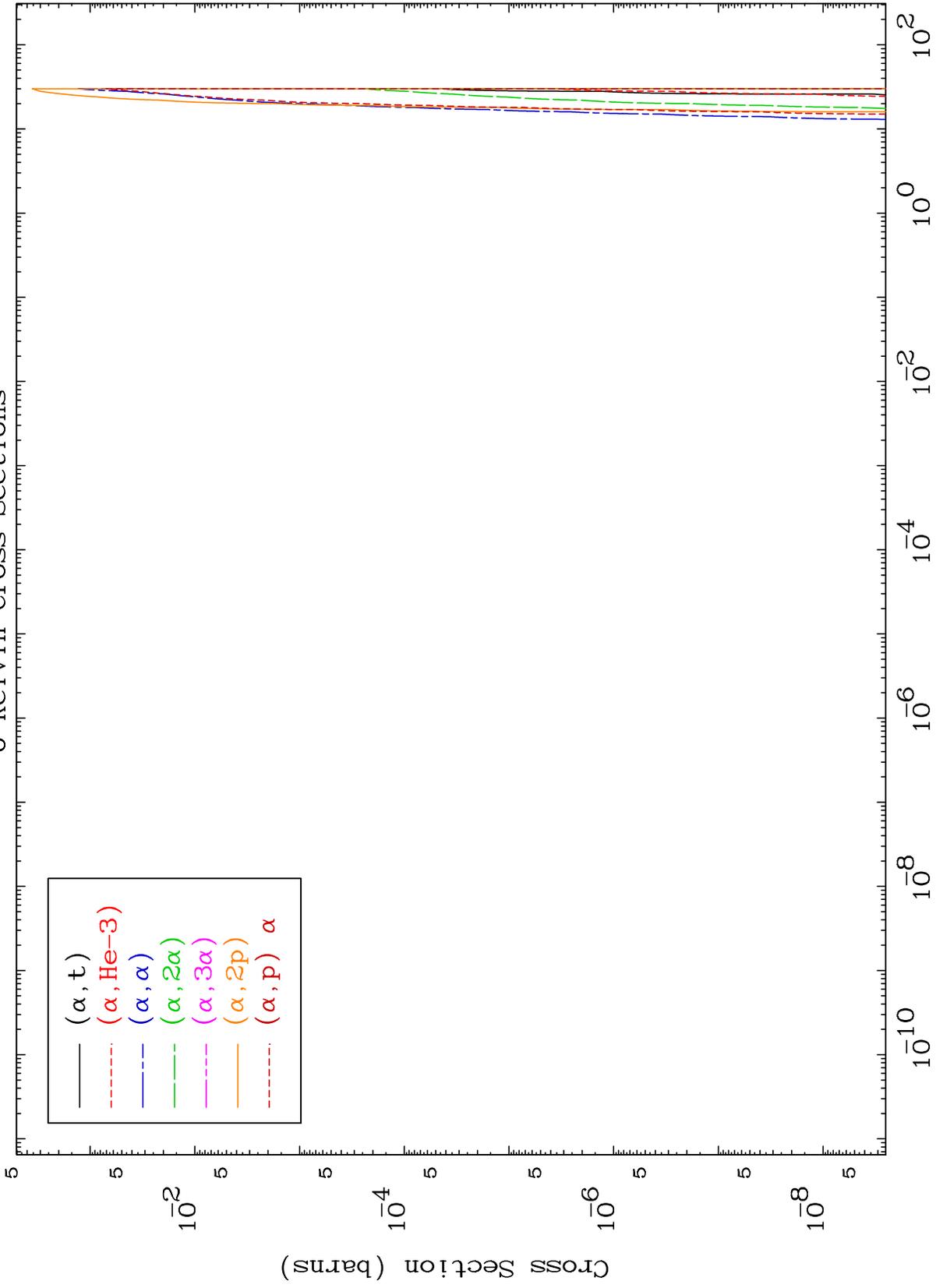




MAT 7672

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

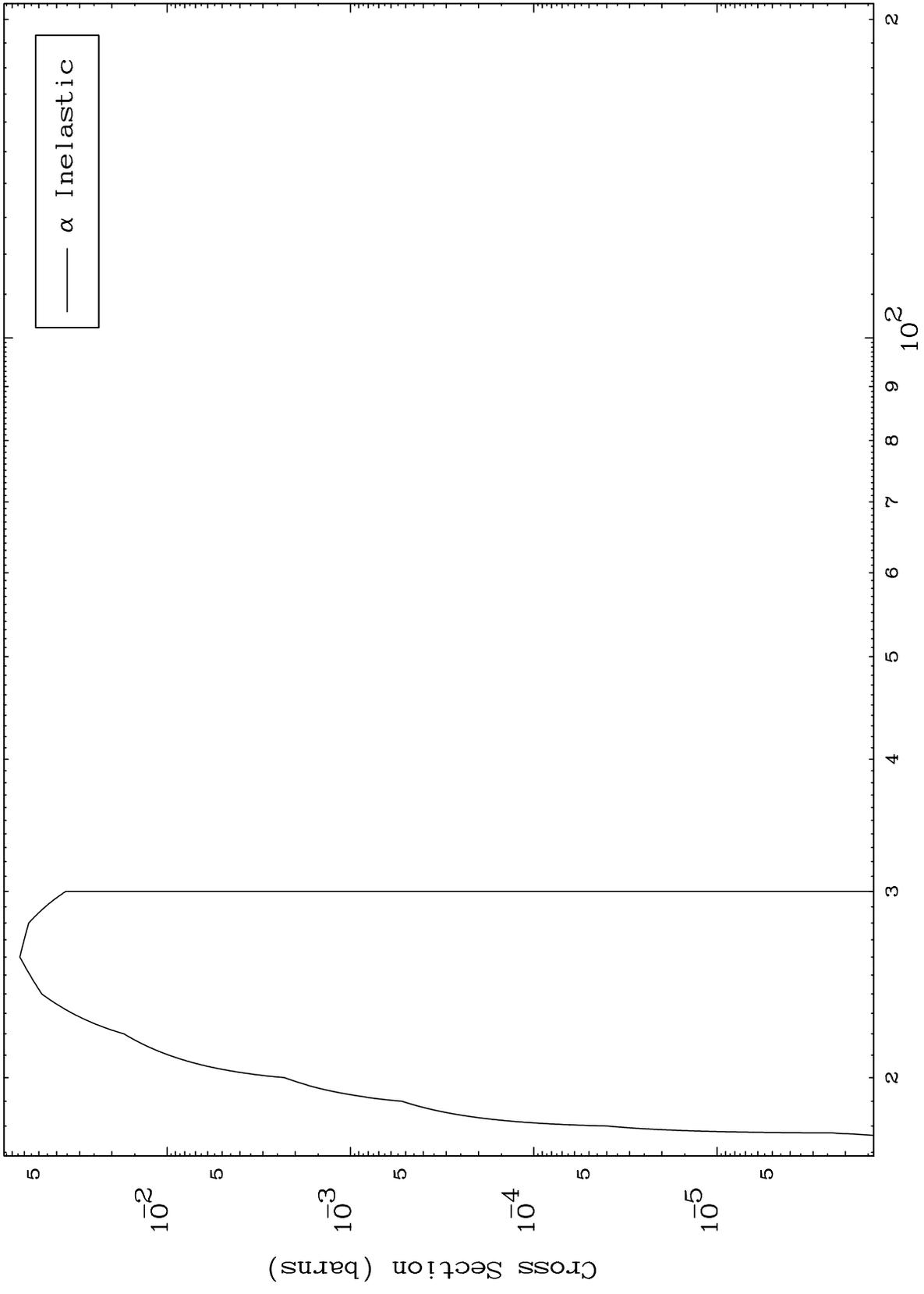
77-Ir-173



MAT 7672

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

77-Ir-173



5

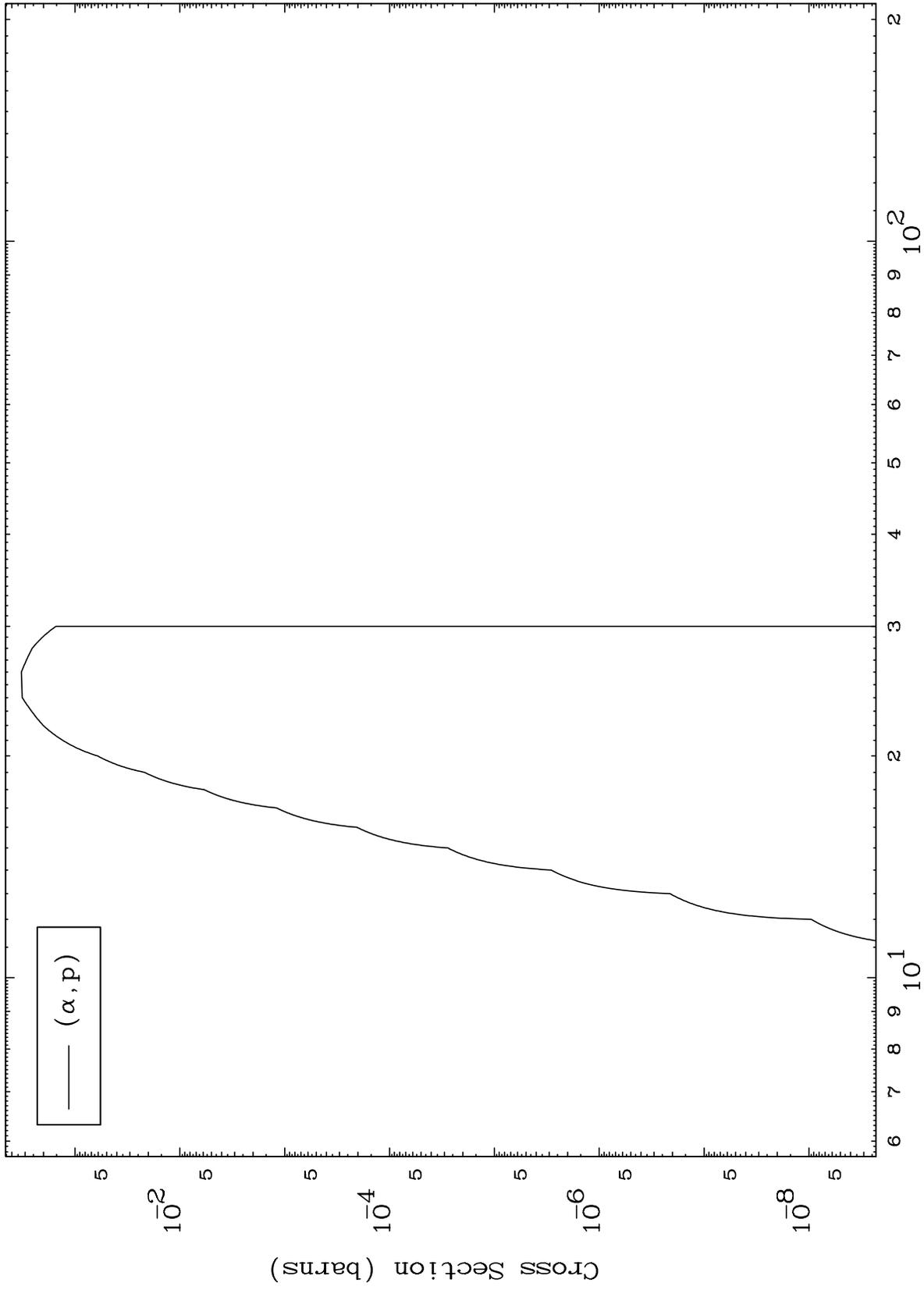
Incident Energy (MeV)

77-Ir-173

MAT 7672

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

77-Ir-173



6

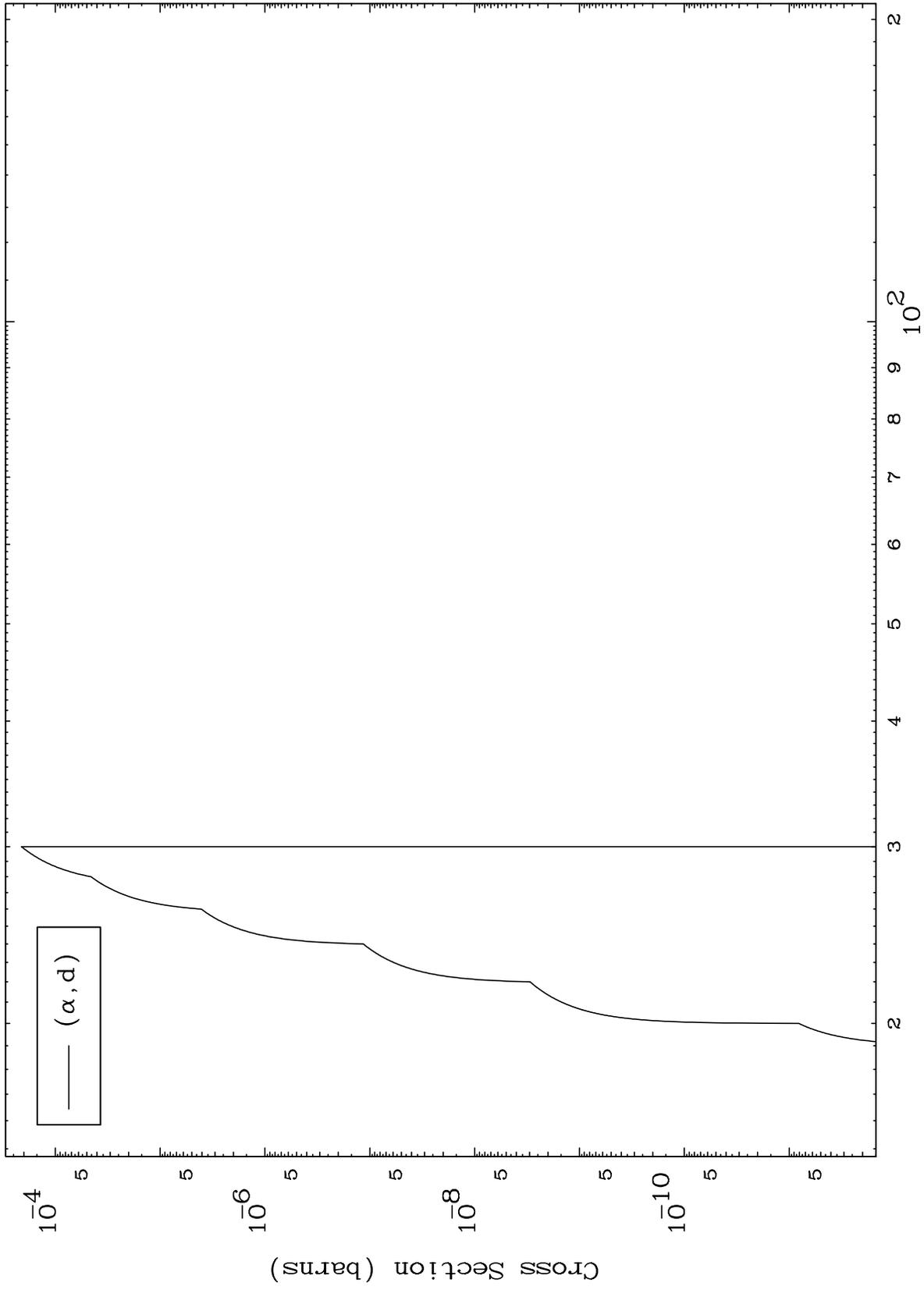
Incident Energy (MeV)

77-Ir-173

MAT 7672

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

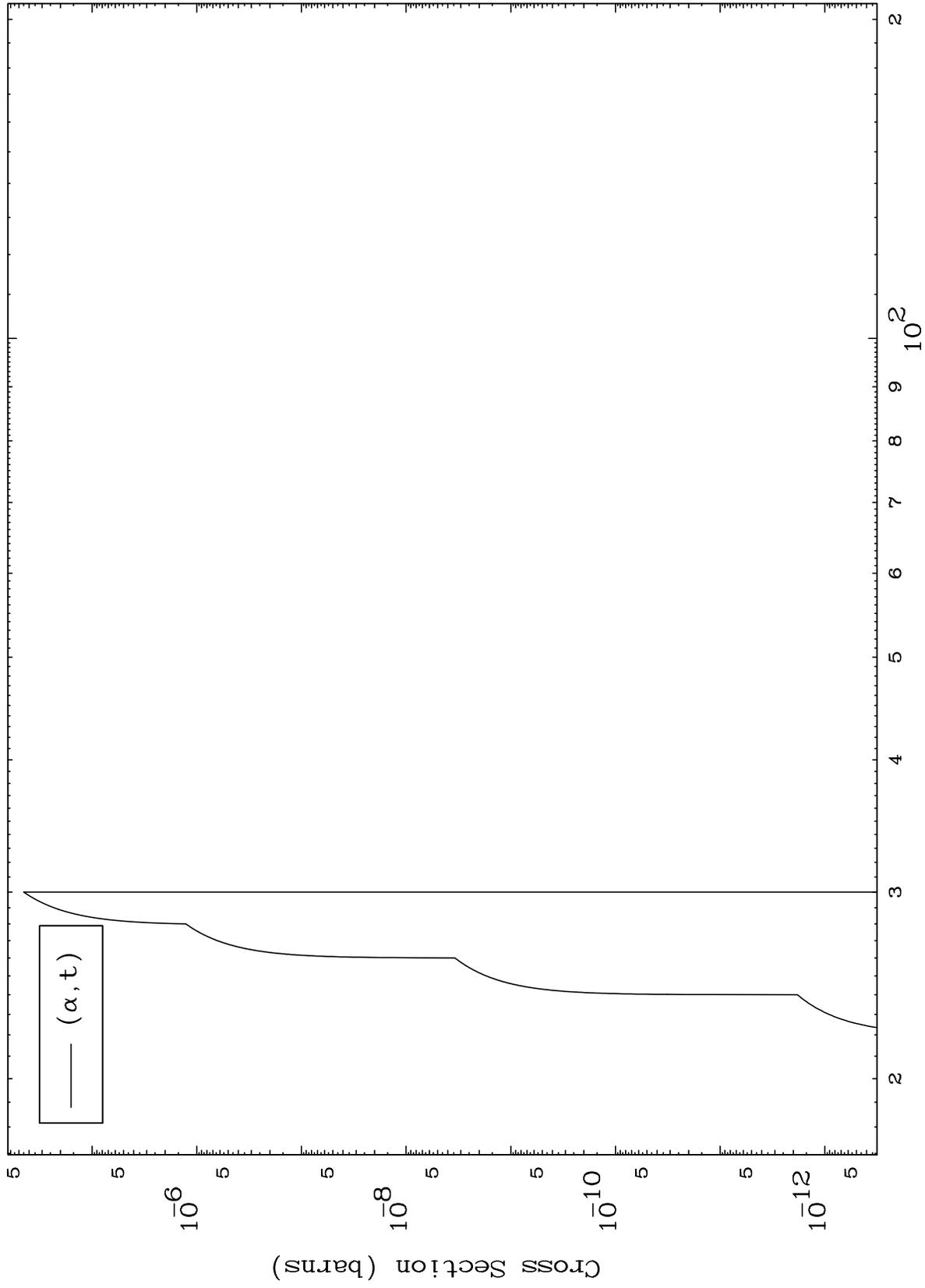
77-Ir-173

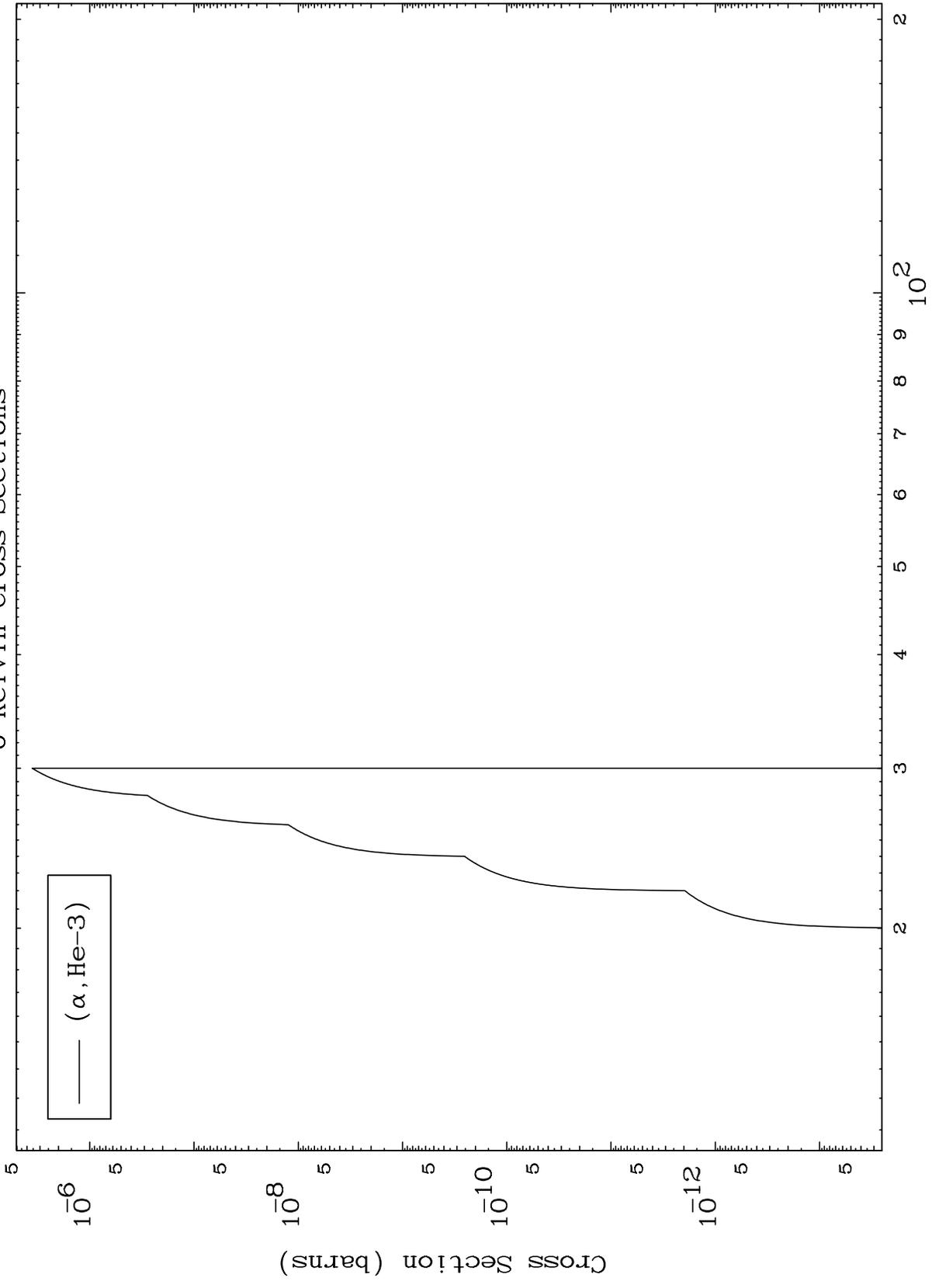


7

Incident Energy (MeV)

77-Ir-173

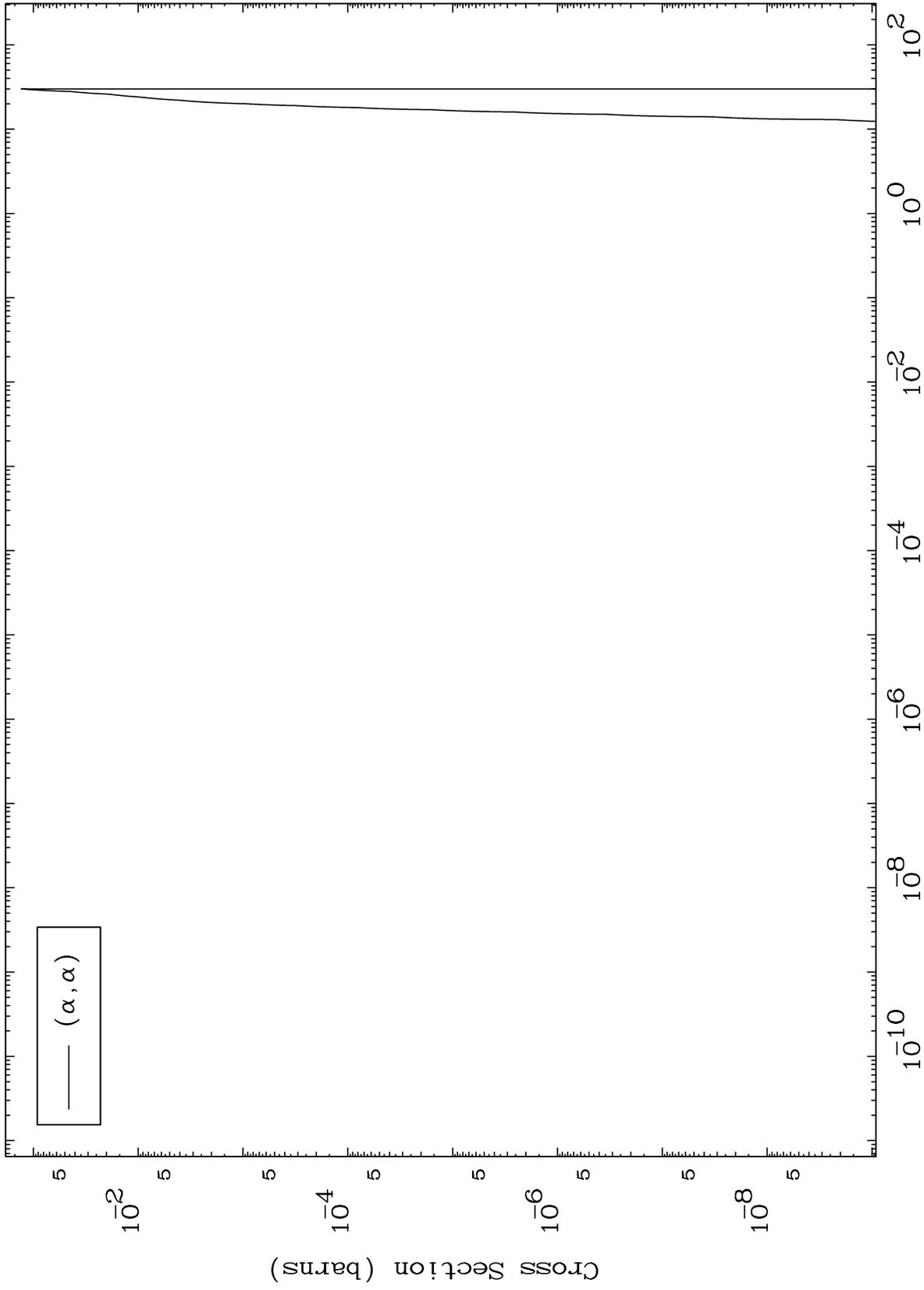




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( $\alpha, \alpha$ ) Levels  
0 Kelvin Cross Sections

77-Ir-173

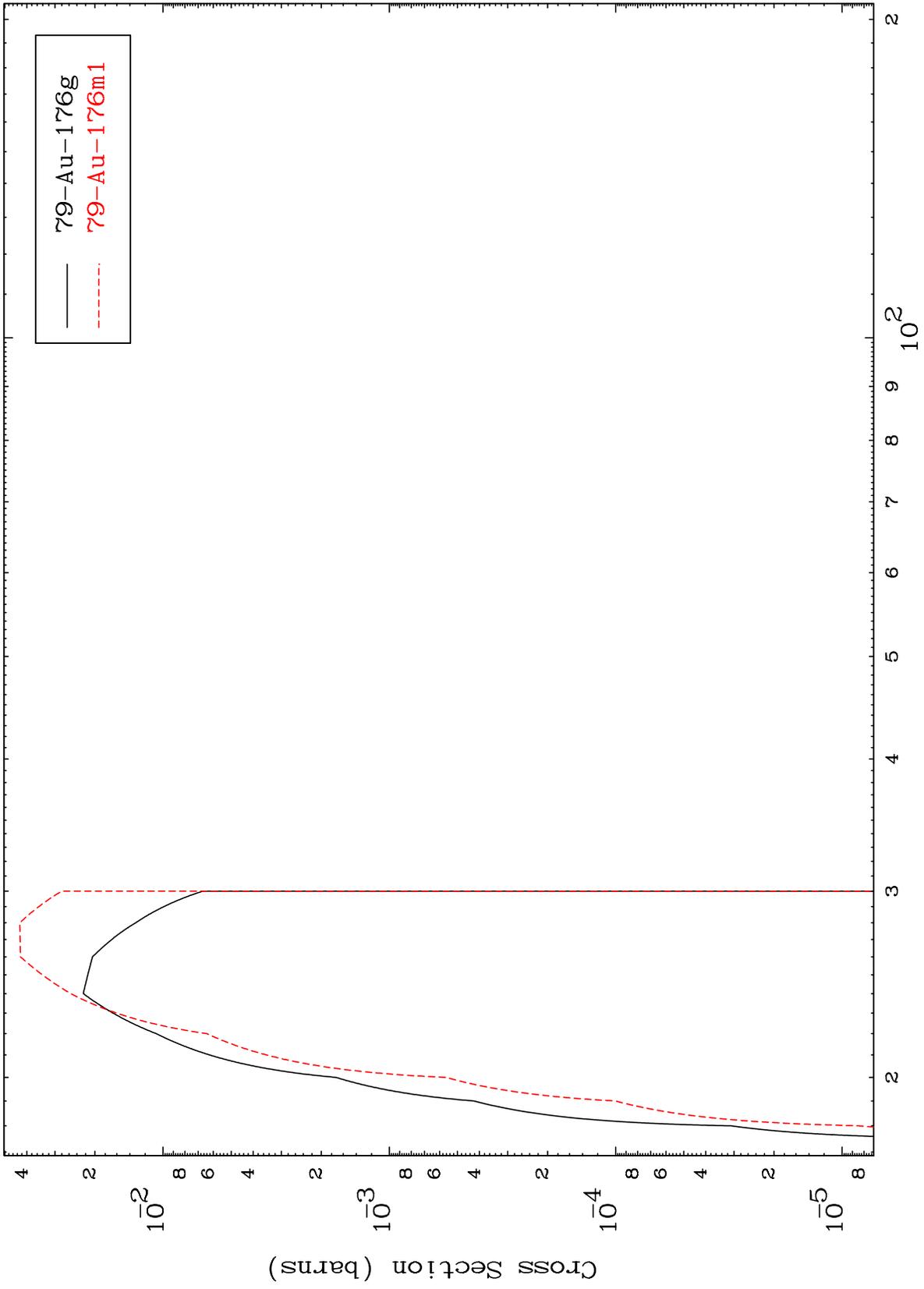


10

Incident Energy (MeV)

77-Ir-173

Radionuclide Production Cross Section

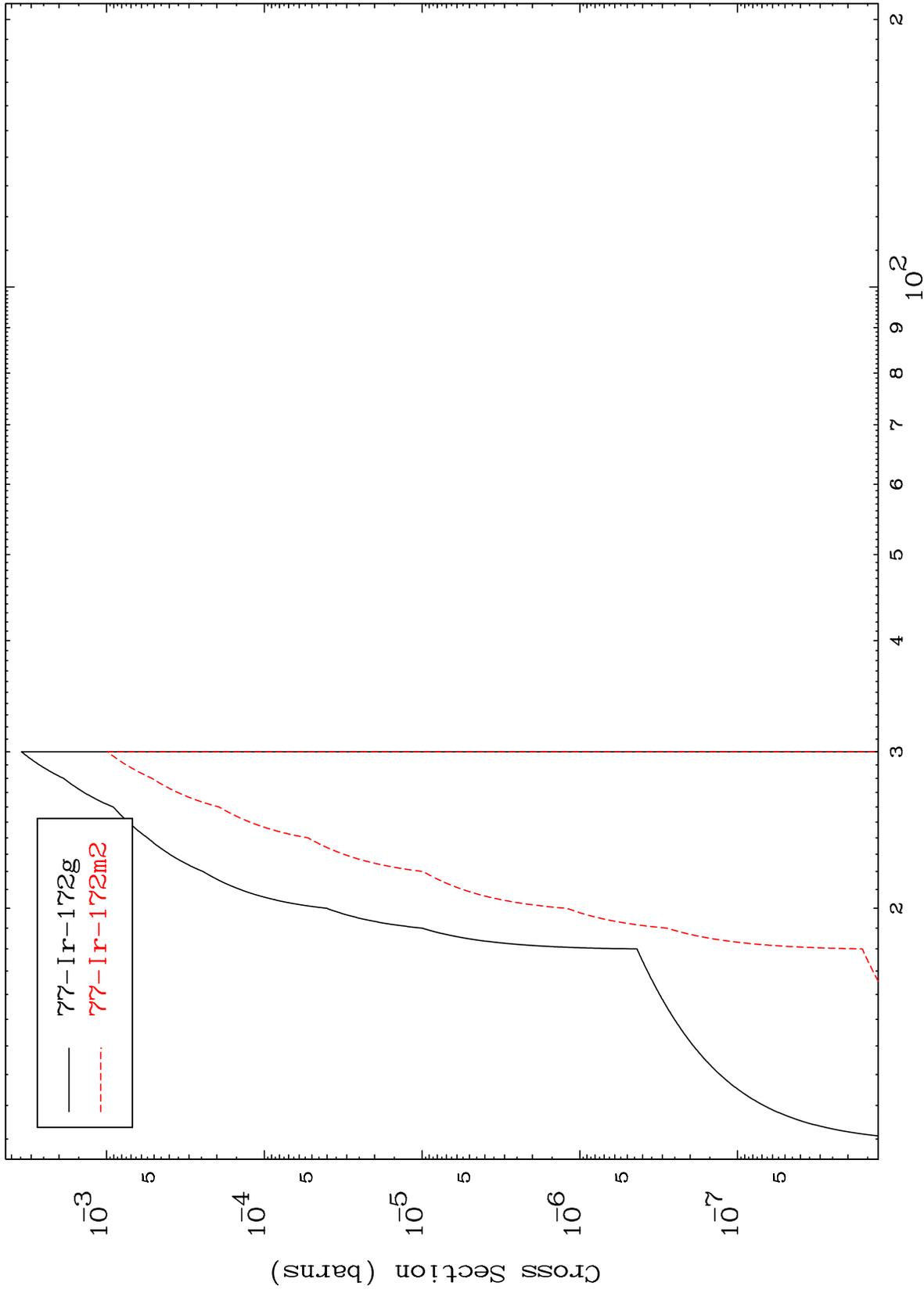


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( $\alpha, n'$ )  $\alpha$

<sup>77</sup>Ir-173

Radionuclide Production Cross Section



12

Incident Energy (MeV)

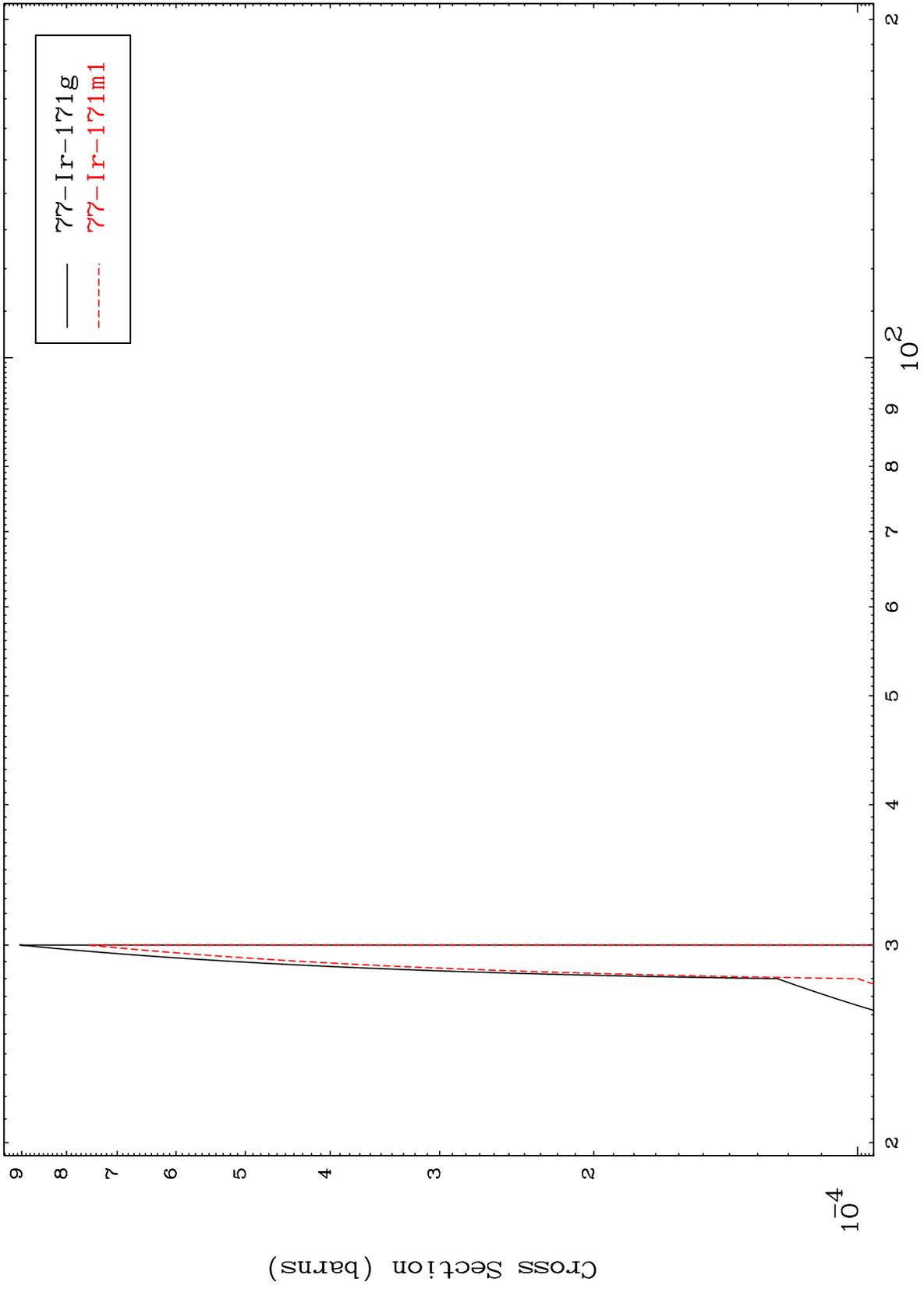
<sup>77</sup>Ir-173

MAT 7672

$(\alpha, 2n) \alpha$

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

Radionuclide Production Cross Section



13

Incident Energy (MeV)

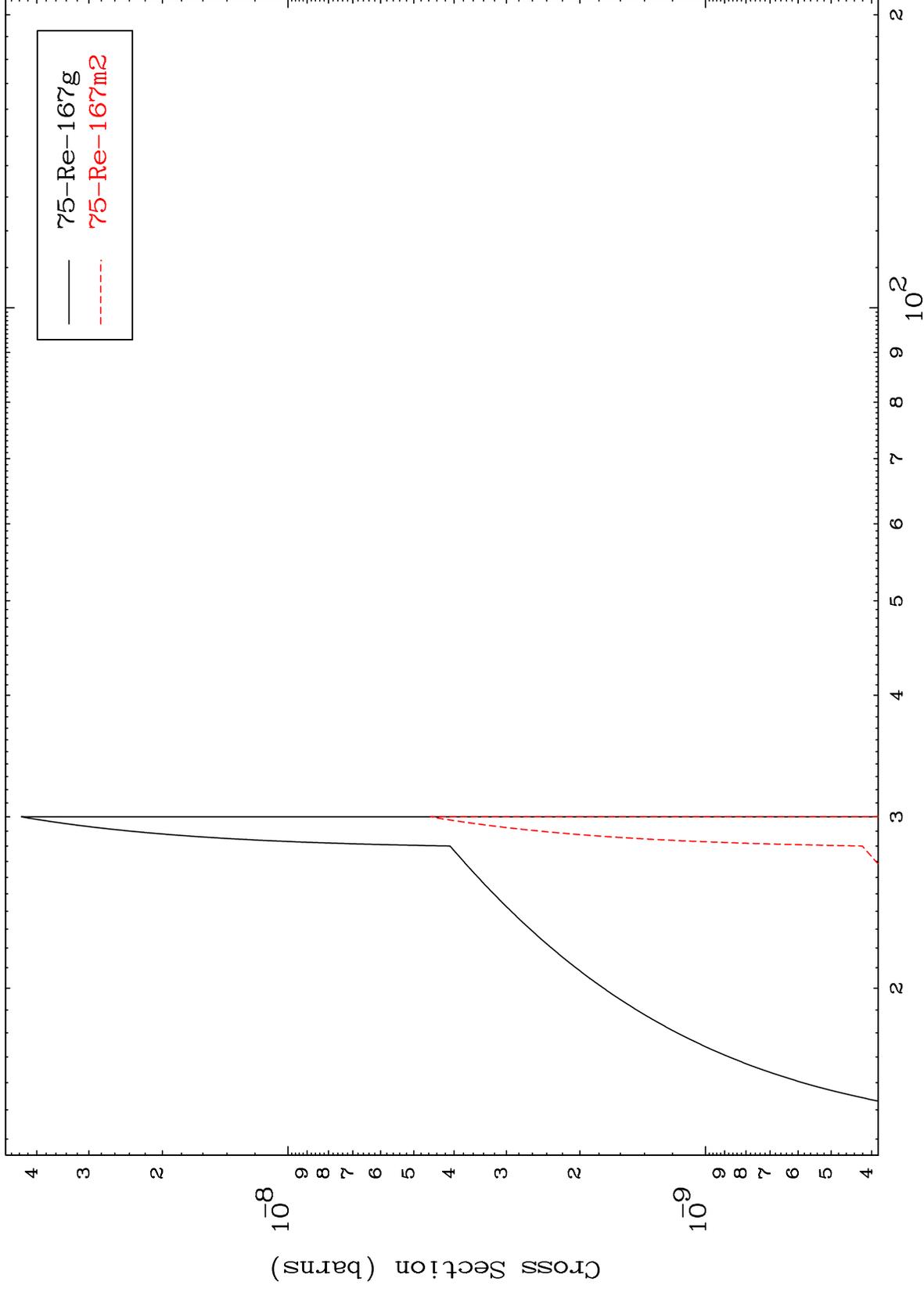
$^{77}\text{Ir-173}$

MAT 7672

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

<sup>77</sup>Ir-173

Radionuclide Production Cross Section



14

Incident Energy (MeV)

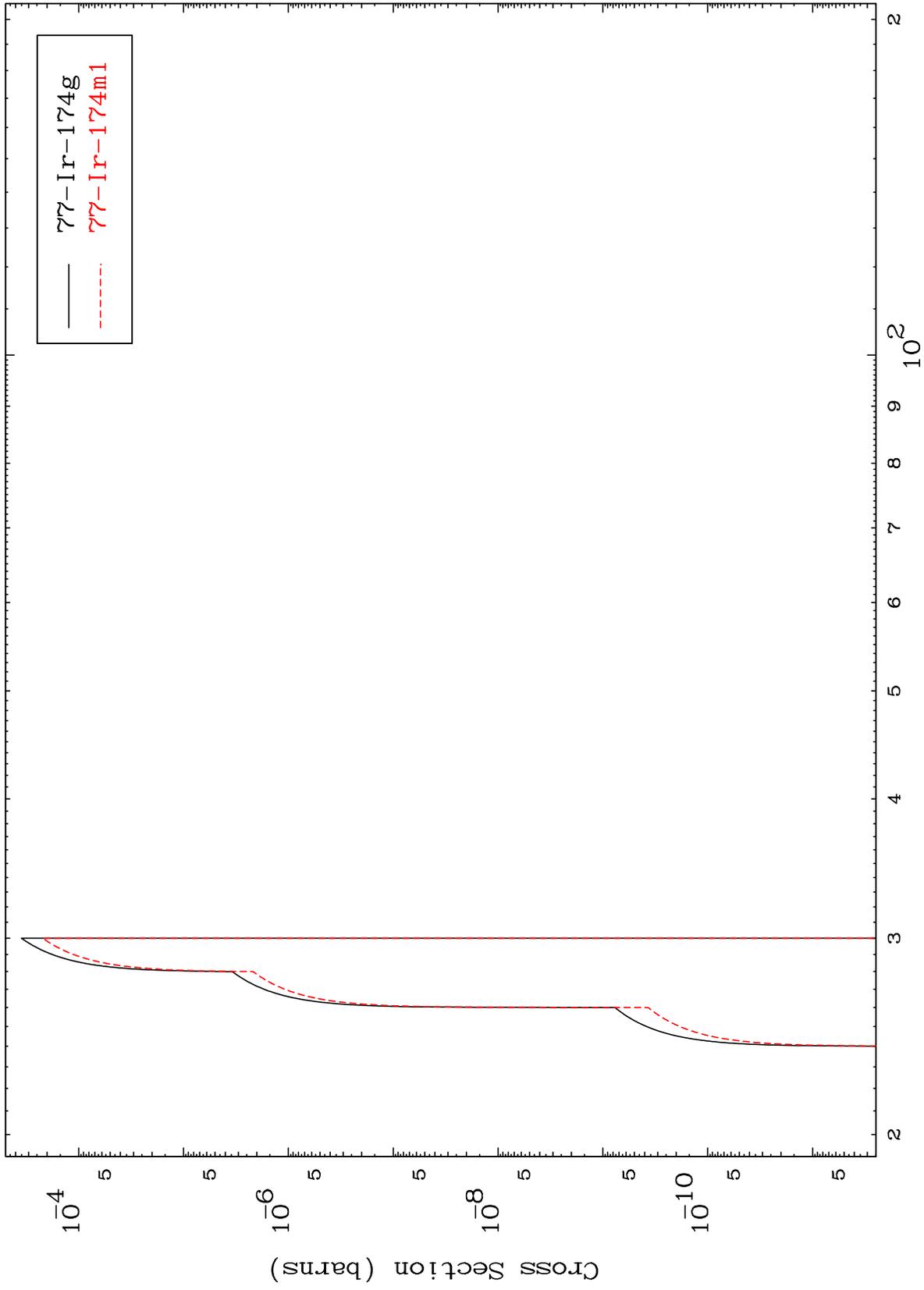
<sup>77</sup>Ir-173

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( $\alpha, 2n$ ) p

<sup>77</sup>Ir-173

Radionuclide Production Cross Section



15

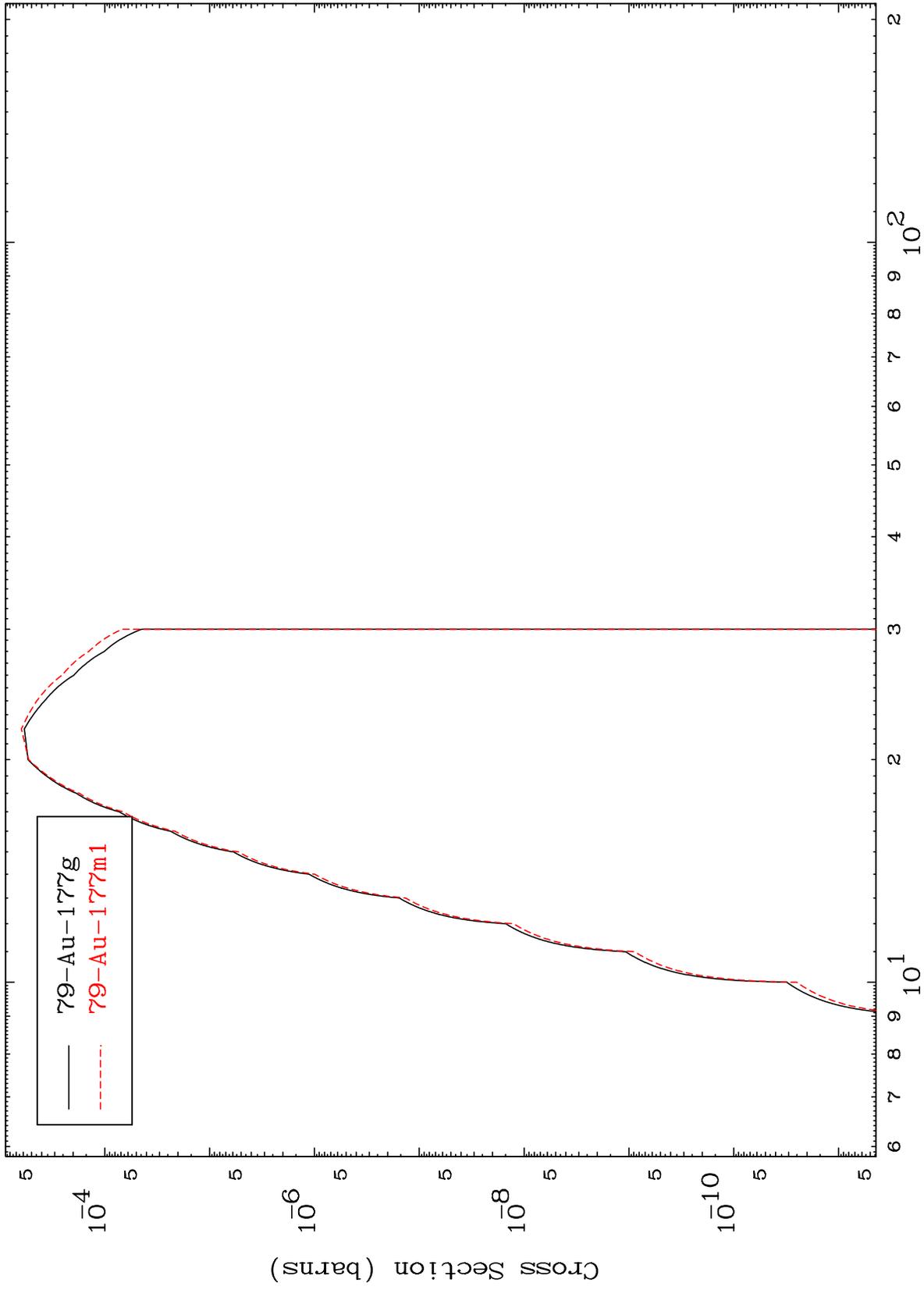
Incident Energy (MeV)

<sup>77</sup>Ir-173

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<sup>77</sup>Ir-173

Radionuclide Production Cross Section



— <sup>79</sup>Au-177g  
- - - <sup>79</sup>Au-177m1

16

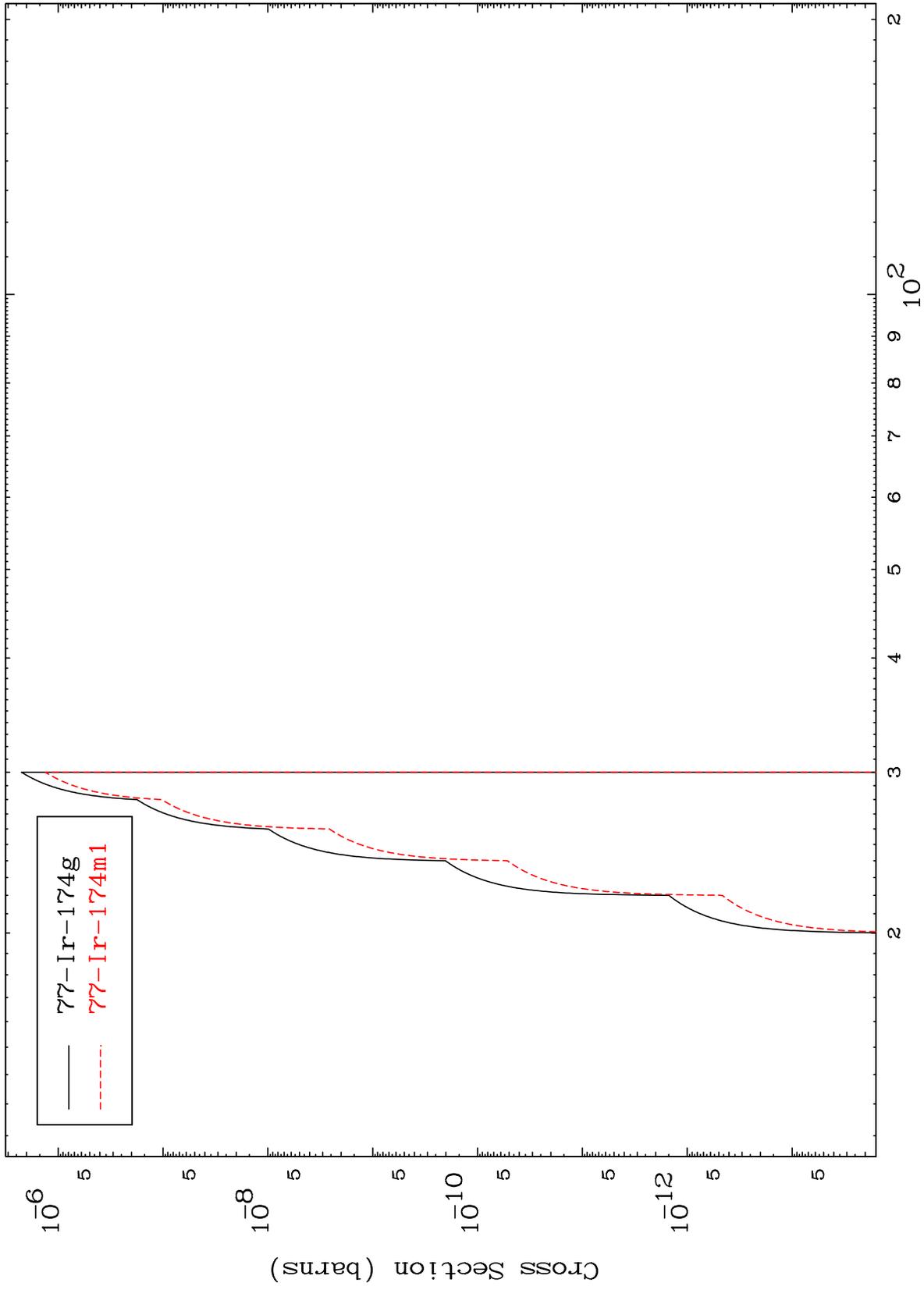
<sup>77</sup>Ir-173

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

<sup>77</sup>Ir-173

Radionuclide Production Cross Section



17

Incident Energy (MeV)

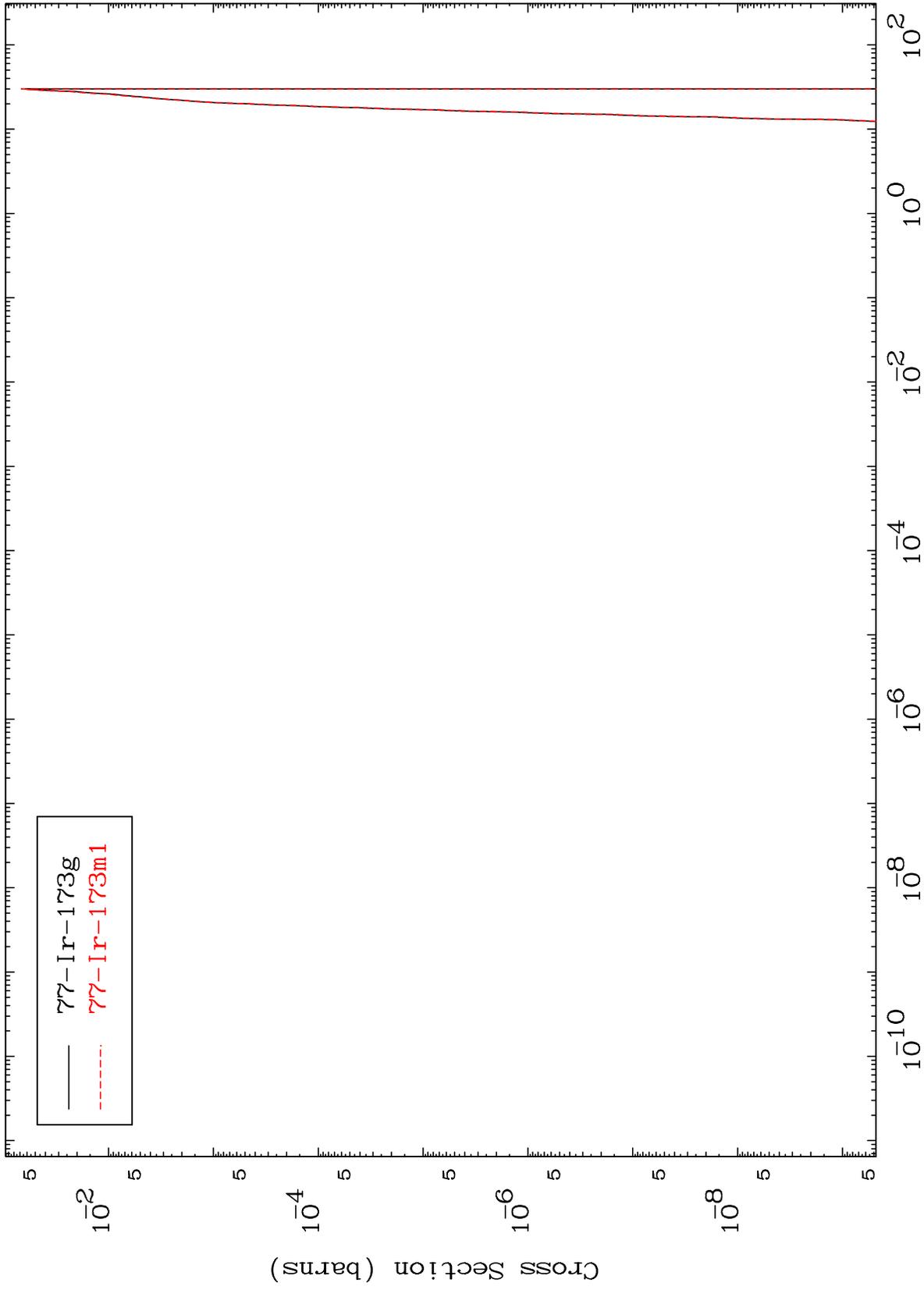
<sup>77</sup>Ir-173

MAT 7672

( $\alpha, \alpha$ )

<sup>77</sup>Ir-173

Radionuclide Production Cross Section



18

Incident Energy (MeV)

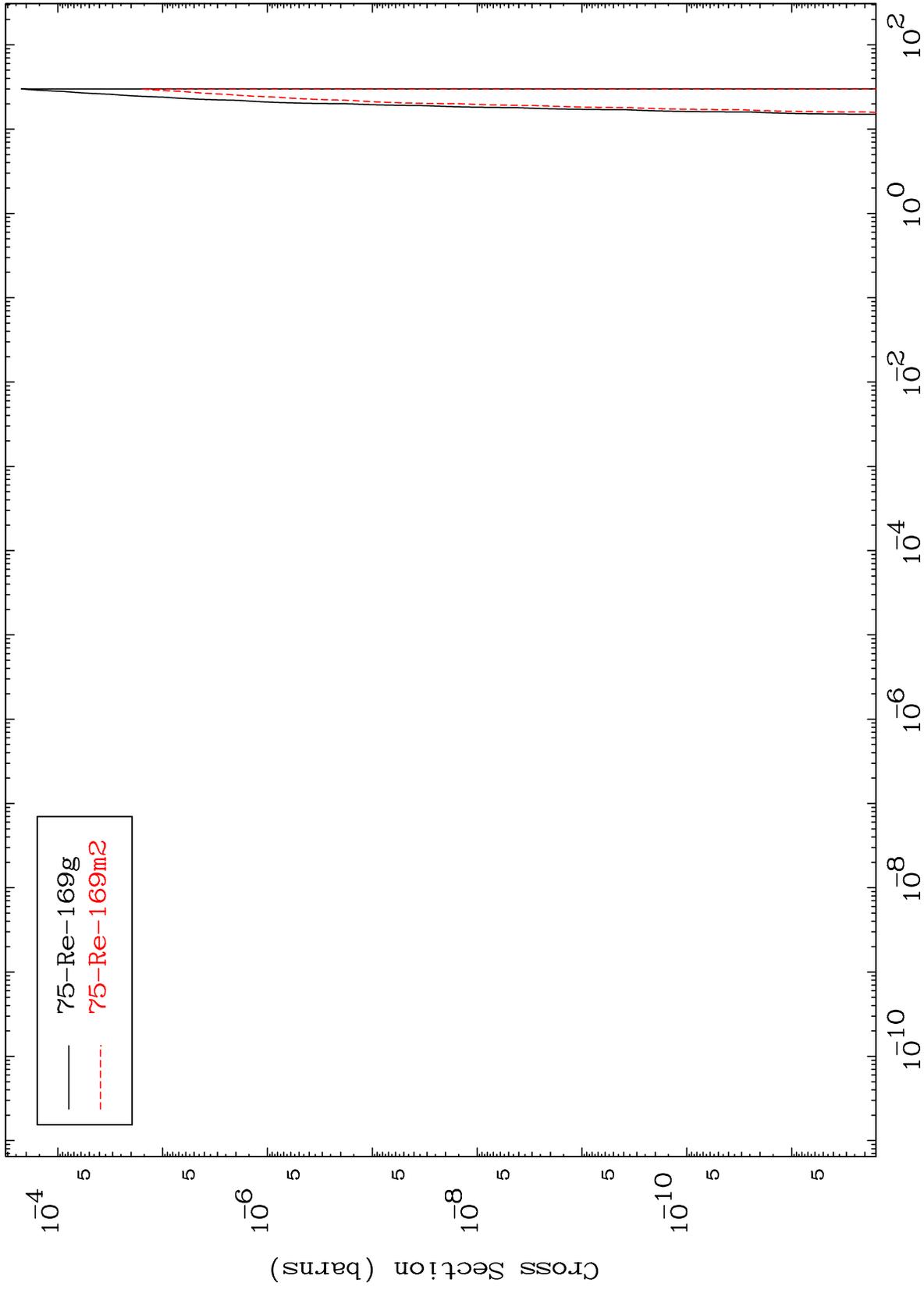
<sup>77</sup>Ir-173

MAT 7672

( $\alpha, 2\alpha$ )

<sup>77</sup>Ir-173

Radionuclide Production Cross Section



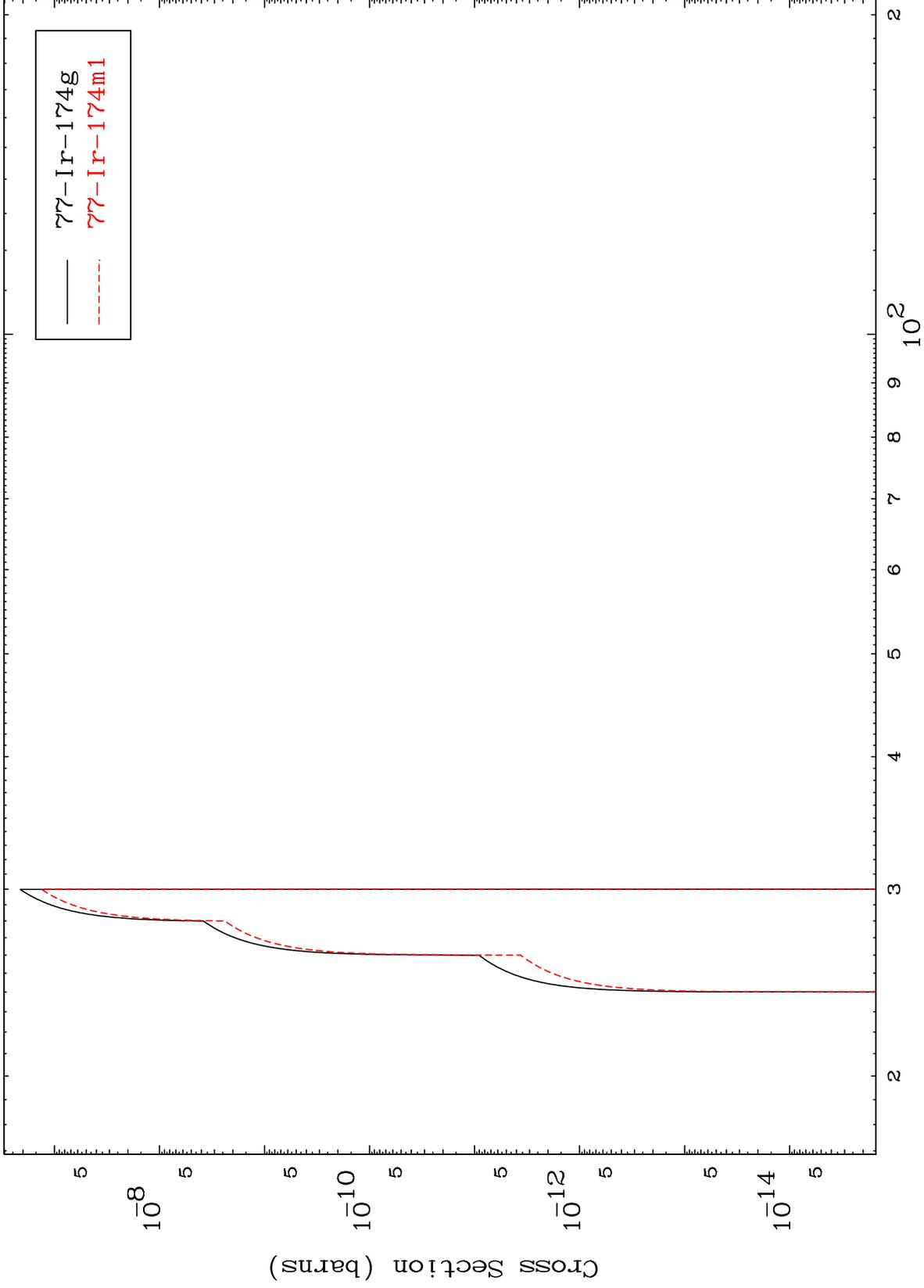
<sup>77</sup>Ir-173

MAT 7672

( $\alpha, p$ ) d

<sup>77</sup>Ir-173

Radionuclide Production Cross Section



20

Incident Energy (MeV)

<sup>77</sup>Ir-173