

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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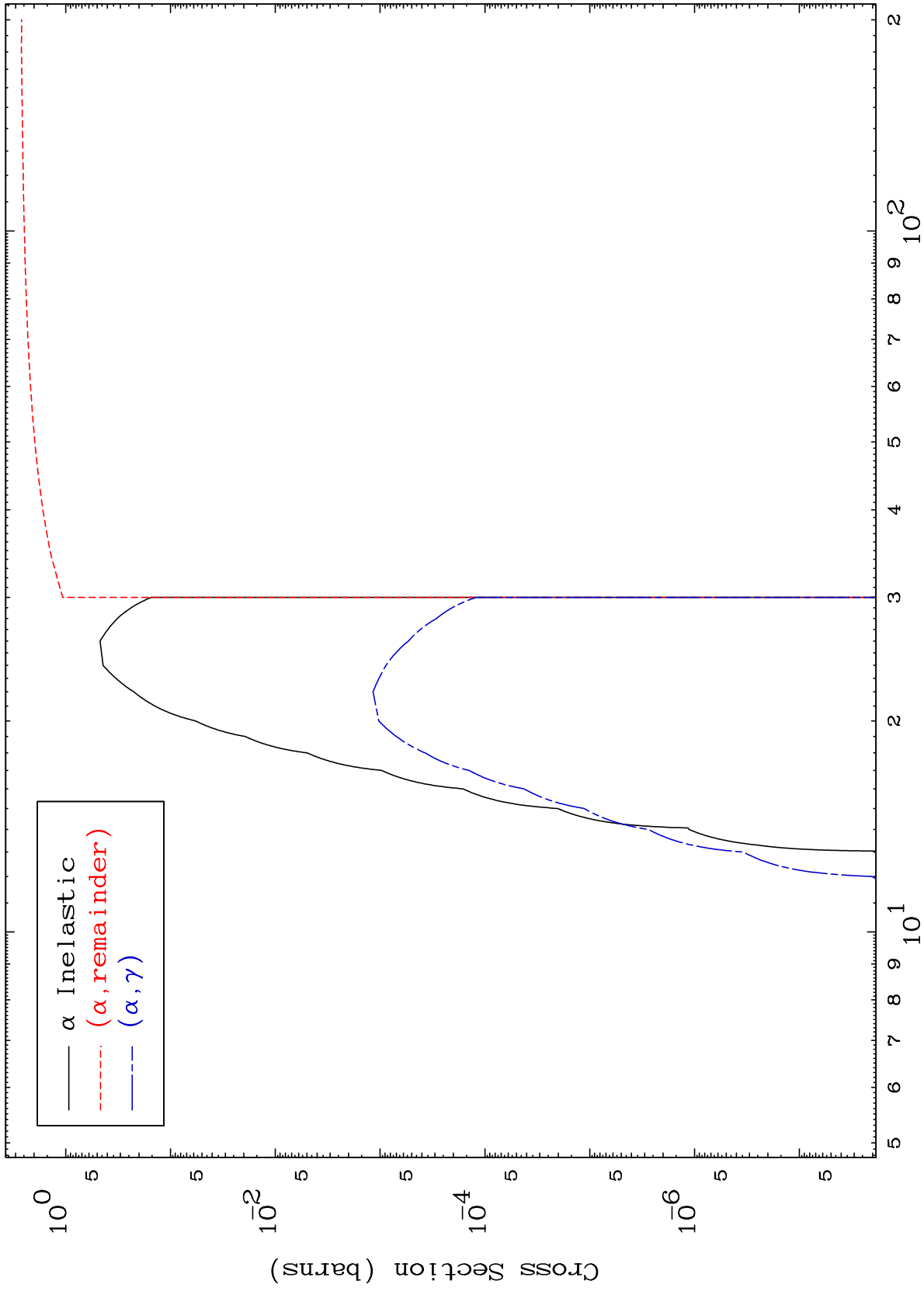
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

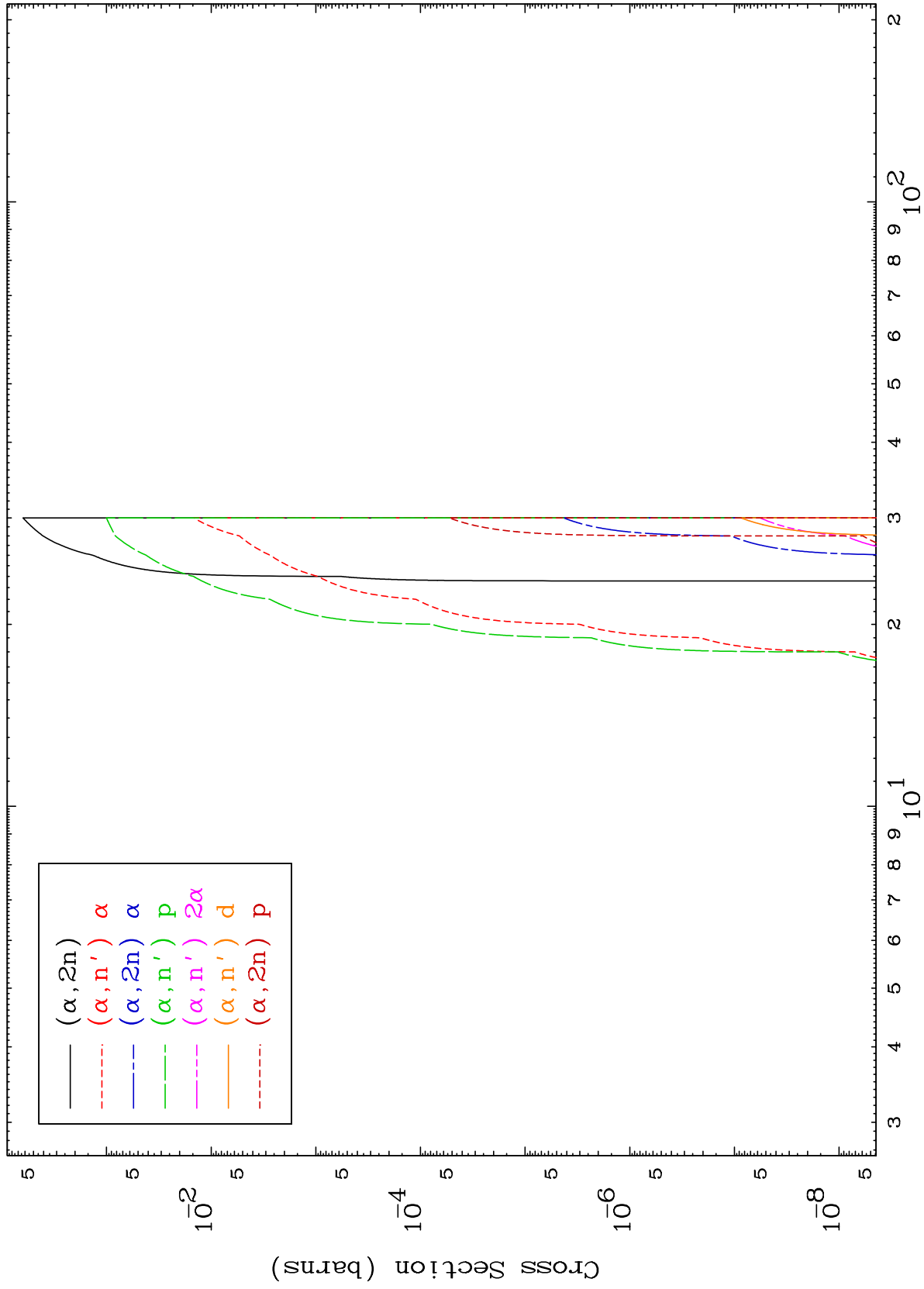
Press Mouse Button to Start

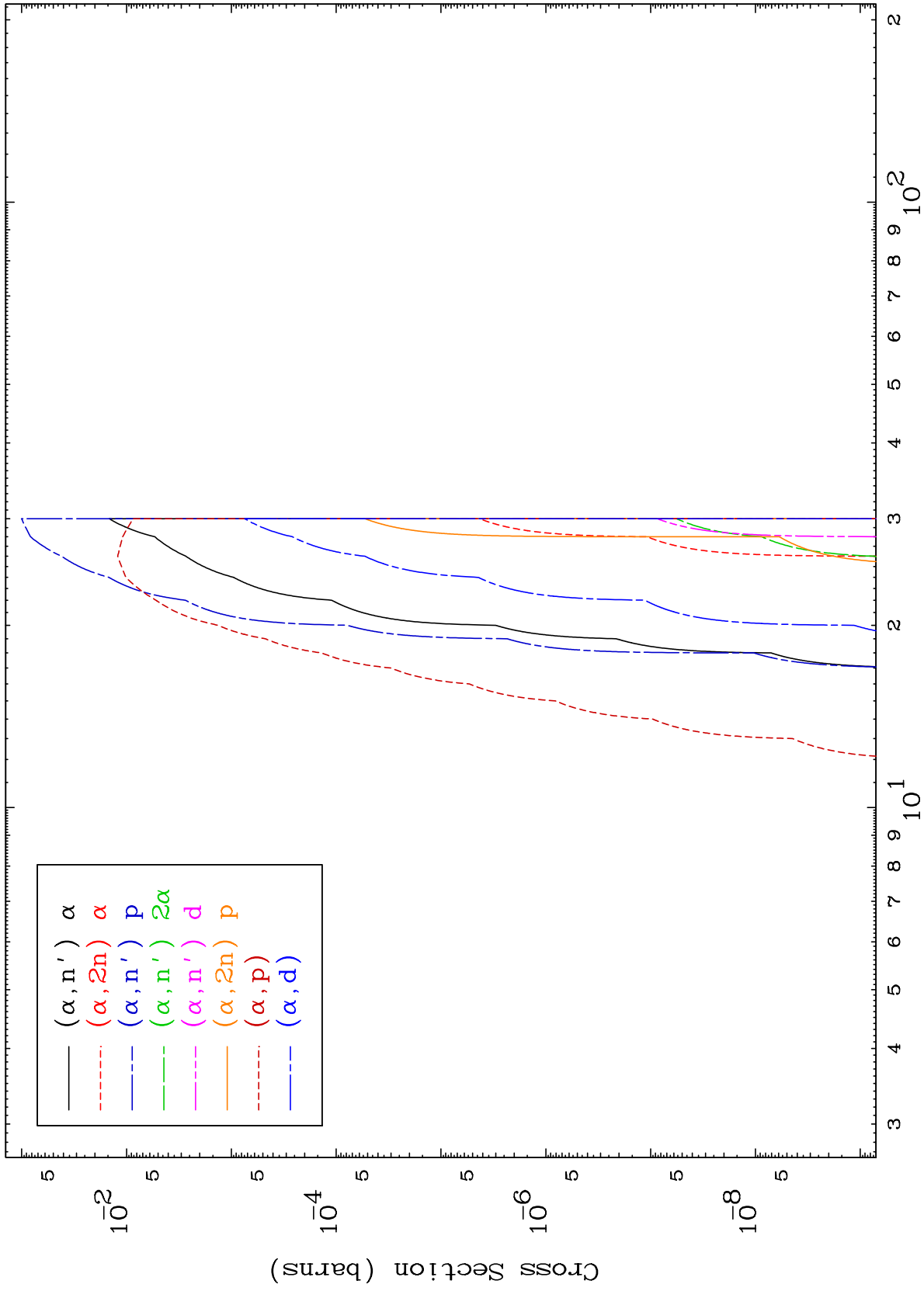
MAT 7892

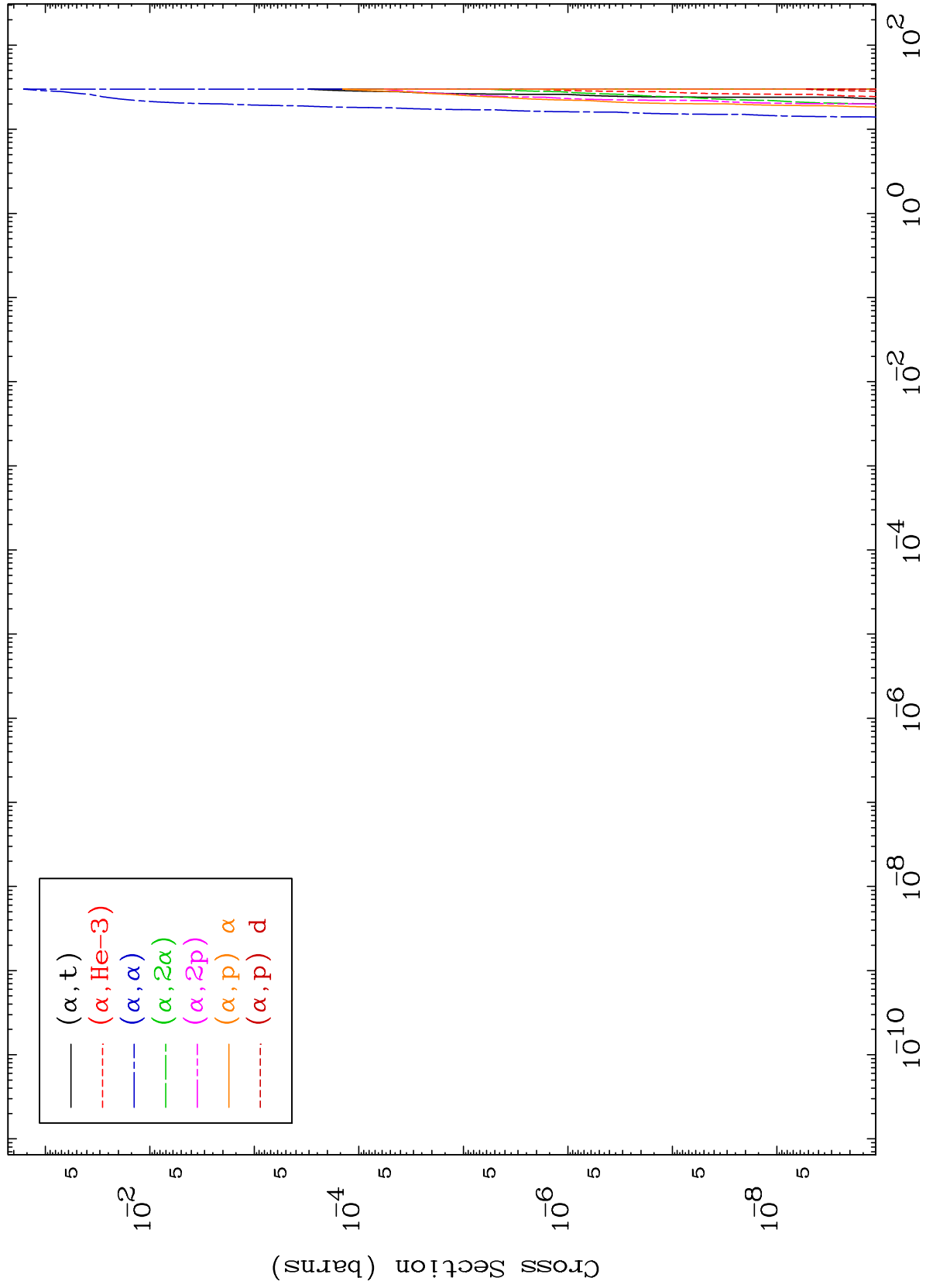
0 Kelvin  $\alpha$  Major  
Cross Sections

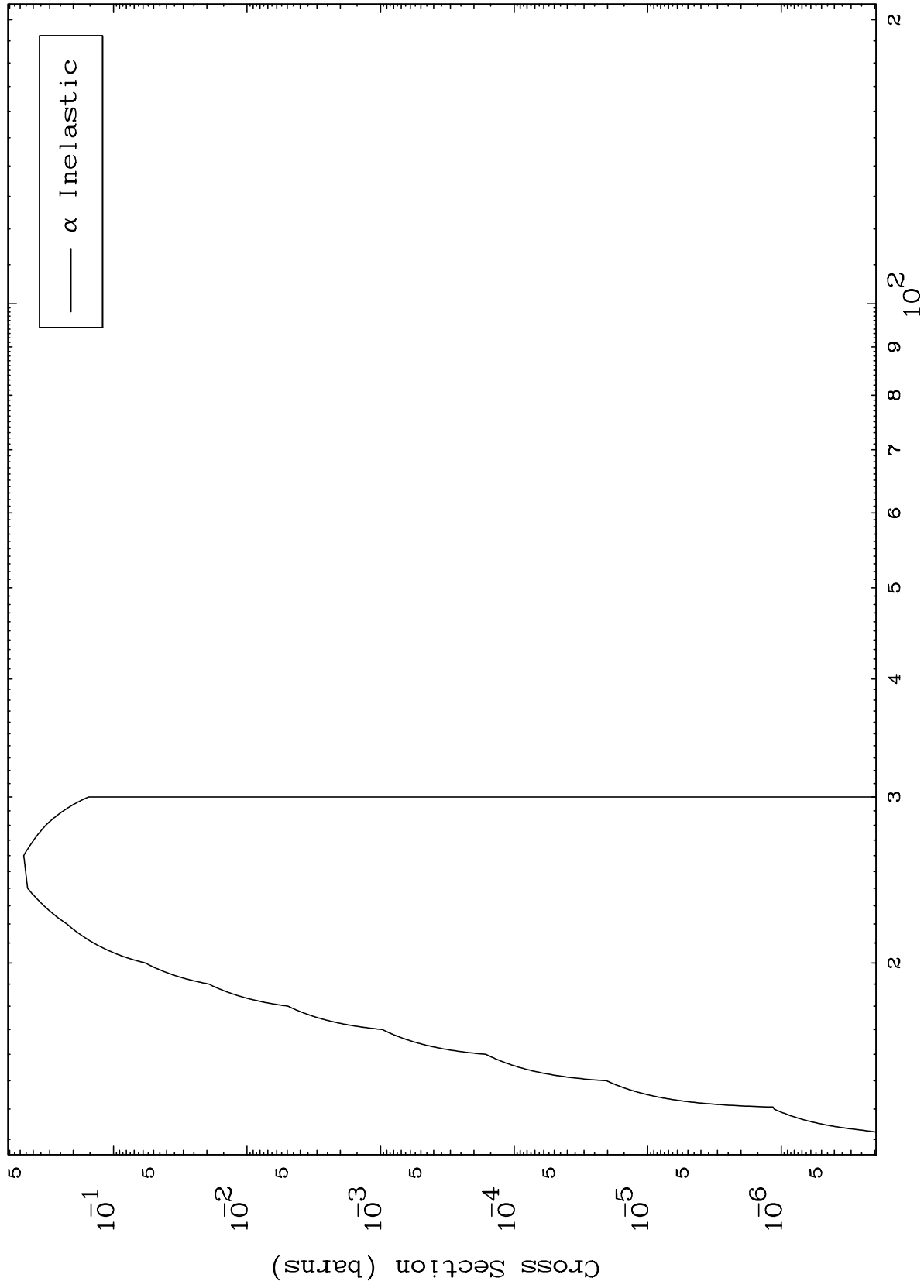
79-Au-186







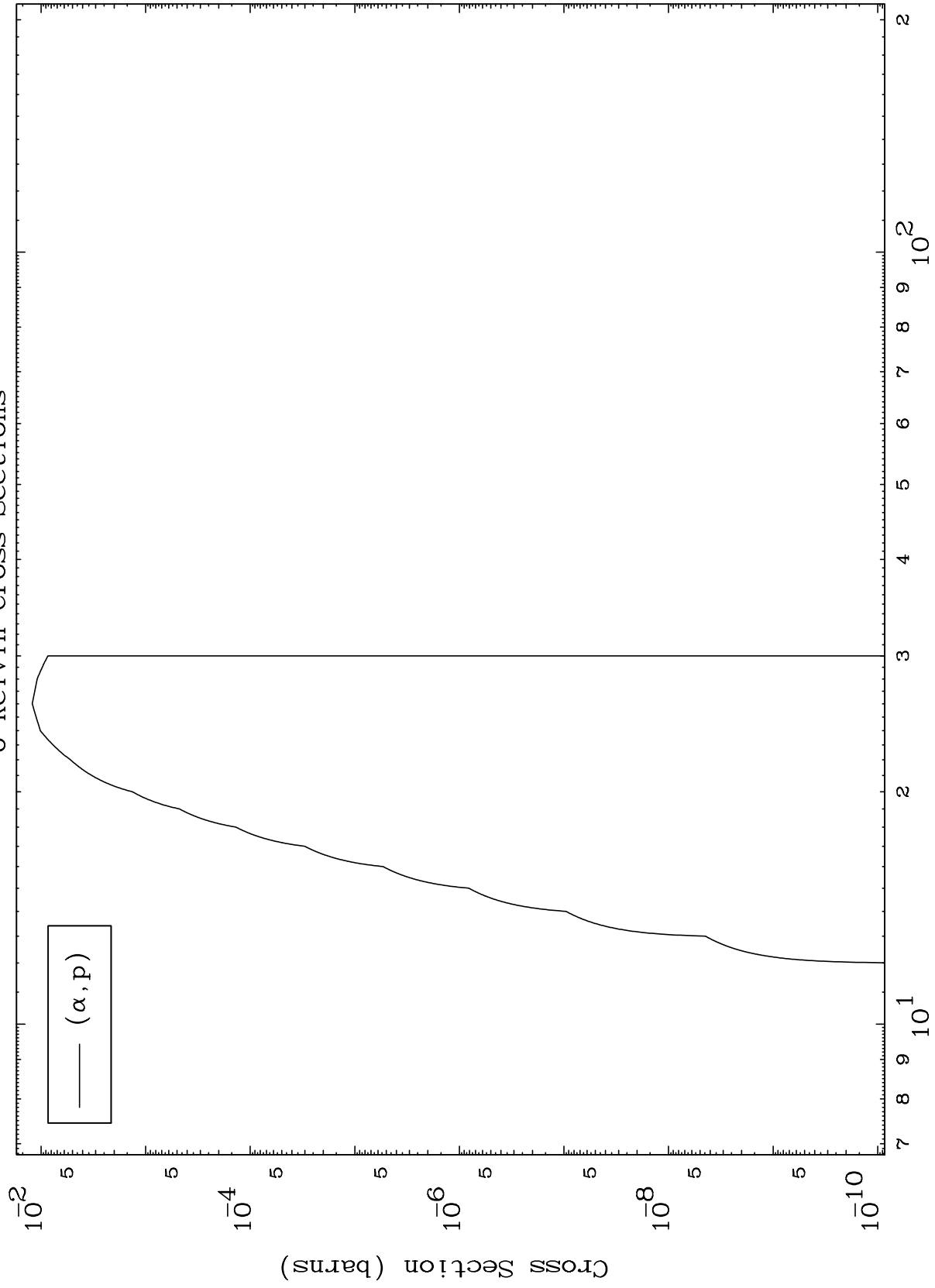




MAT 7892

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

79-Au-186



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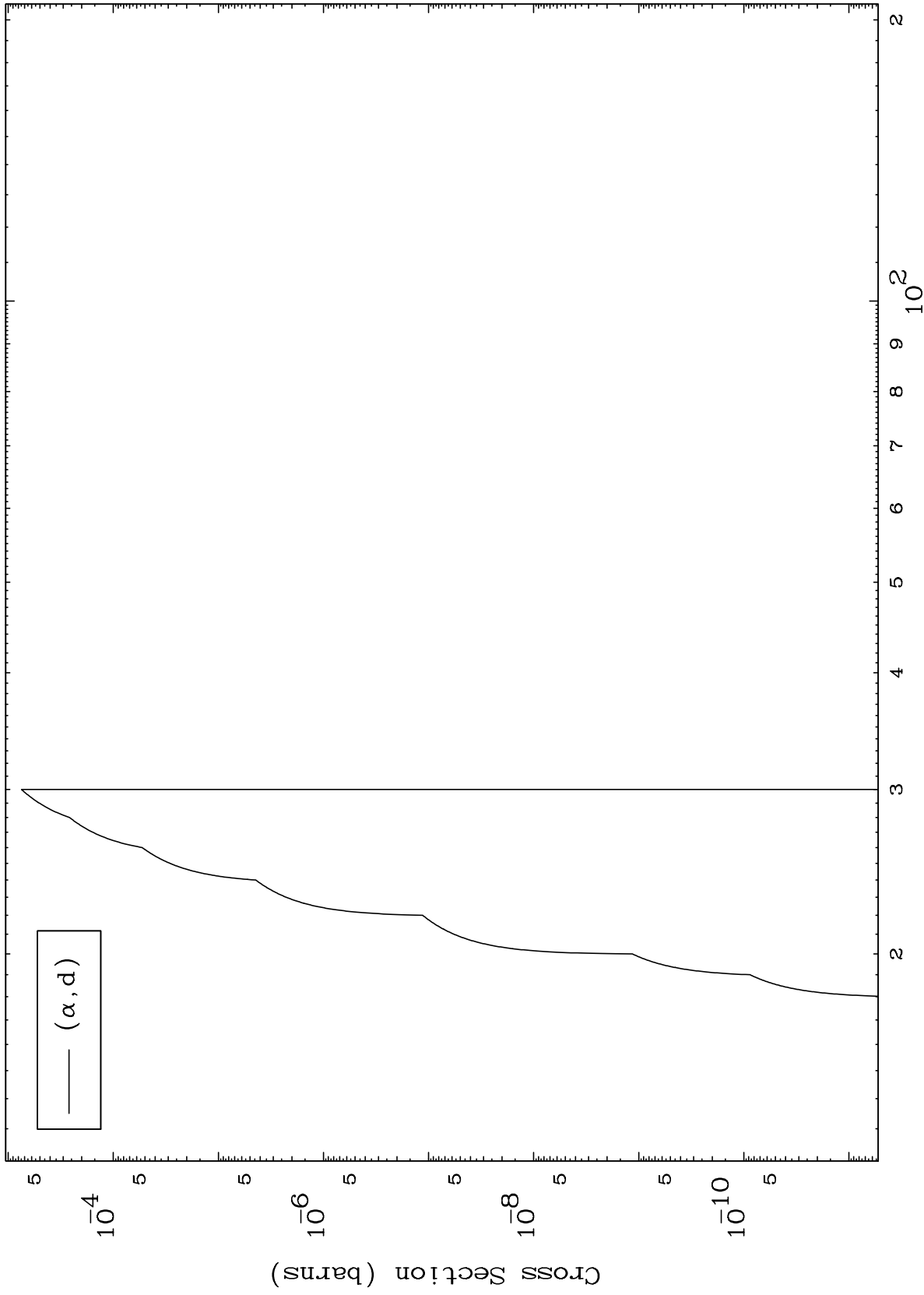
Incident Energy (MeV)

79-Au-186

MAT 7892

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

79-Au-186



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Incident Energy (MeV)

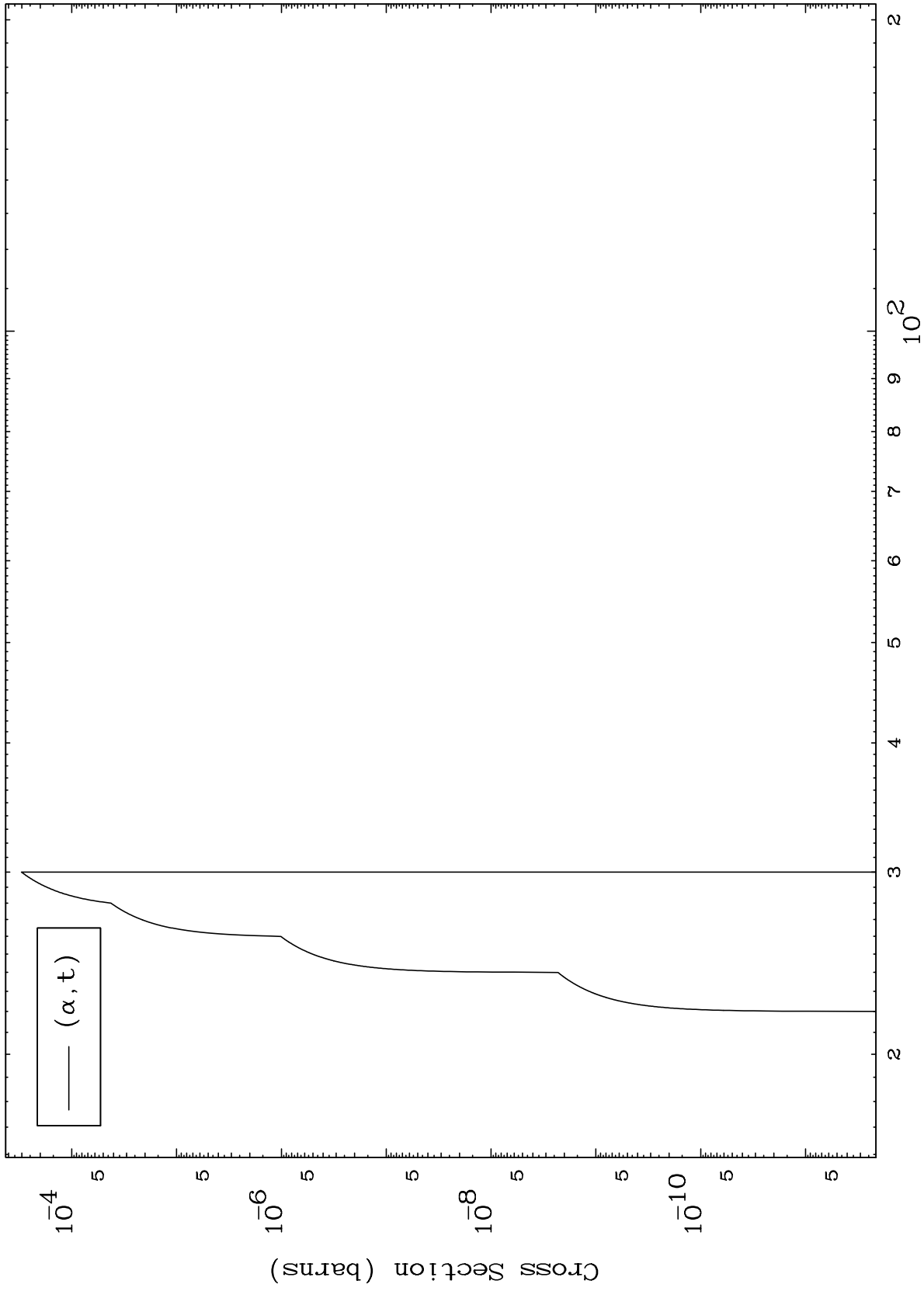
79-Au-186



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

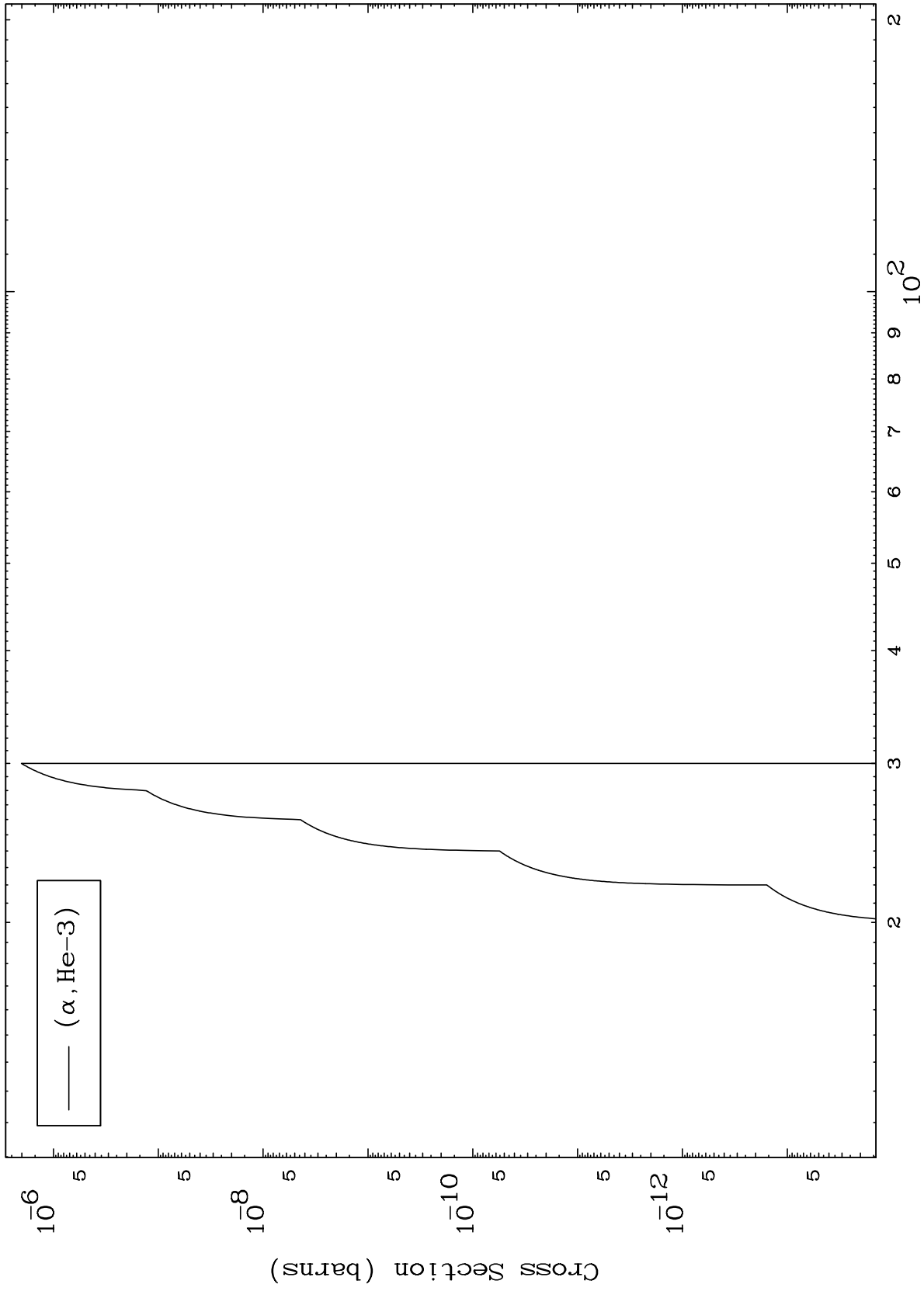
79-Au-186



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Incident Energy (MeV)

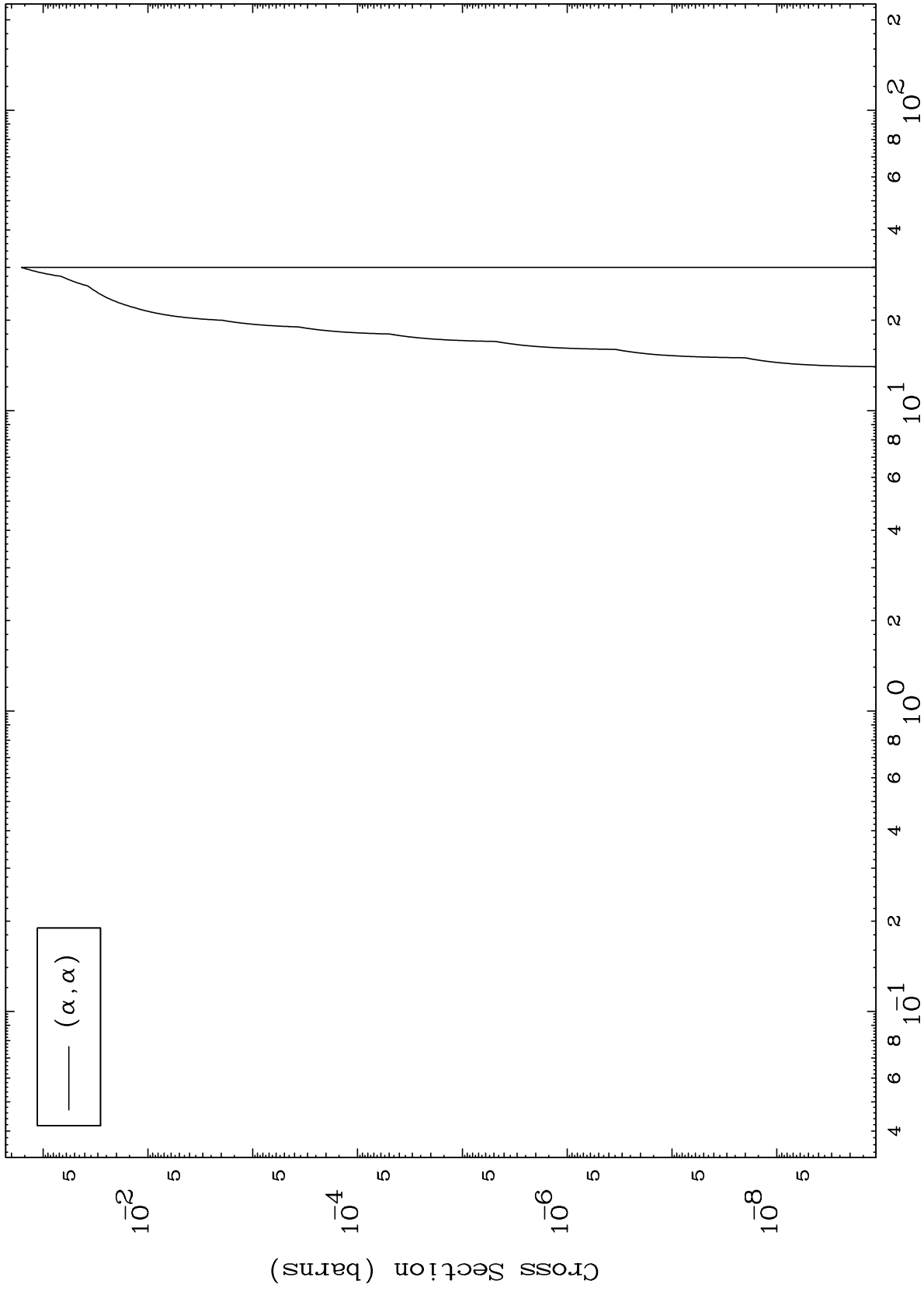
79-Au-186



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

79-Au-186

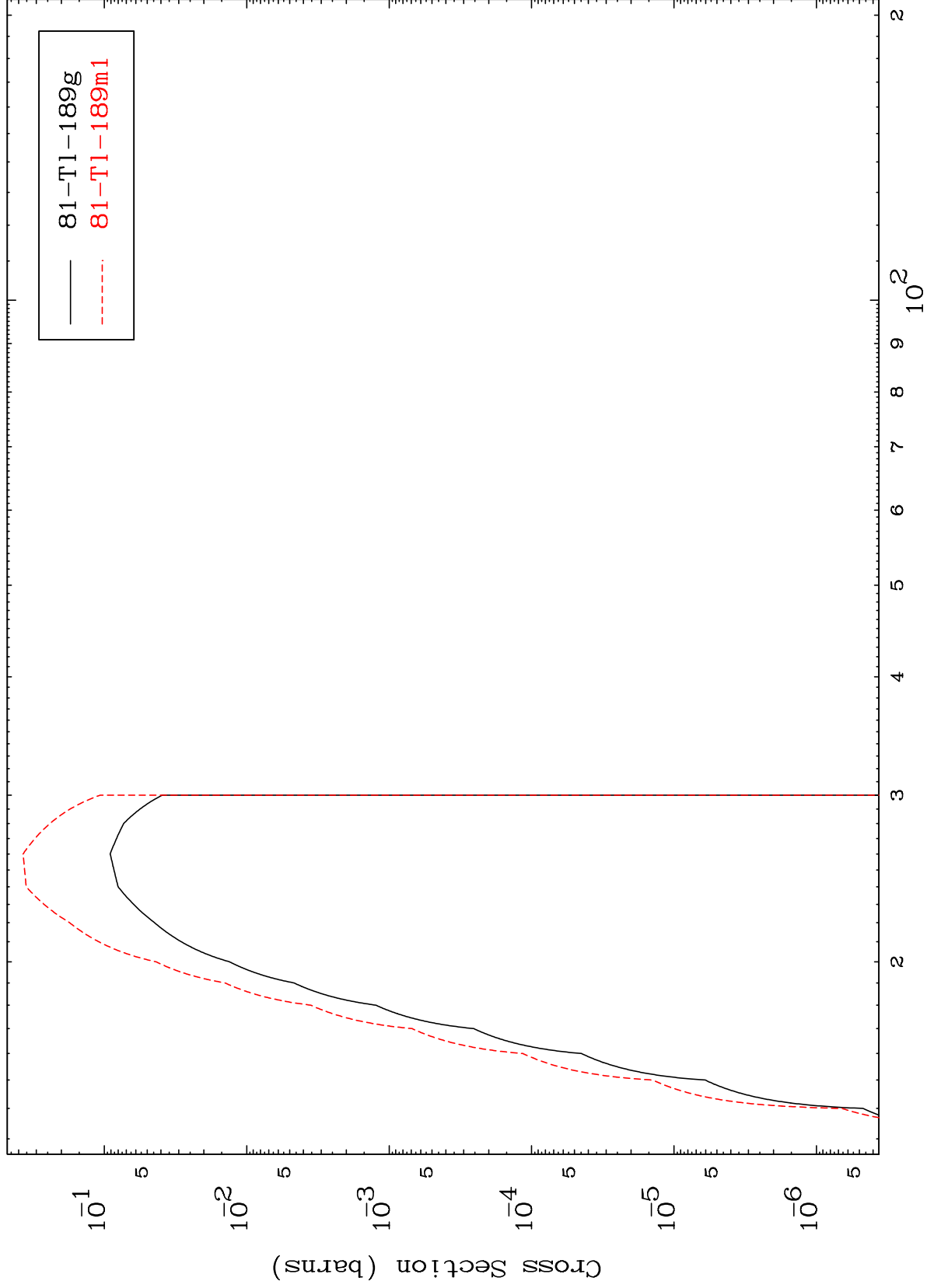


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Incident Energy (MeV)

79-Au-186

$\alpha$  Inelastic  
Radionuclide Production Cross Section

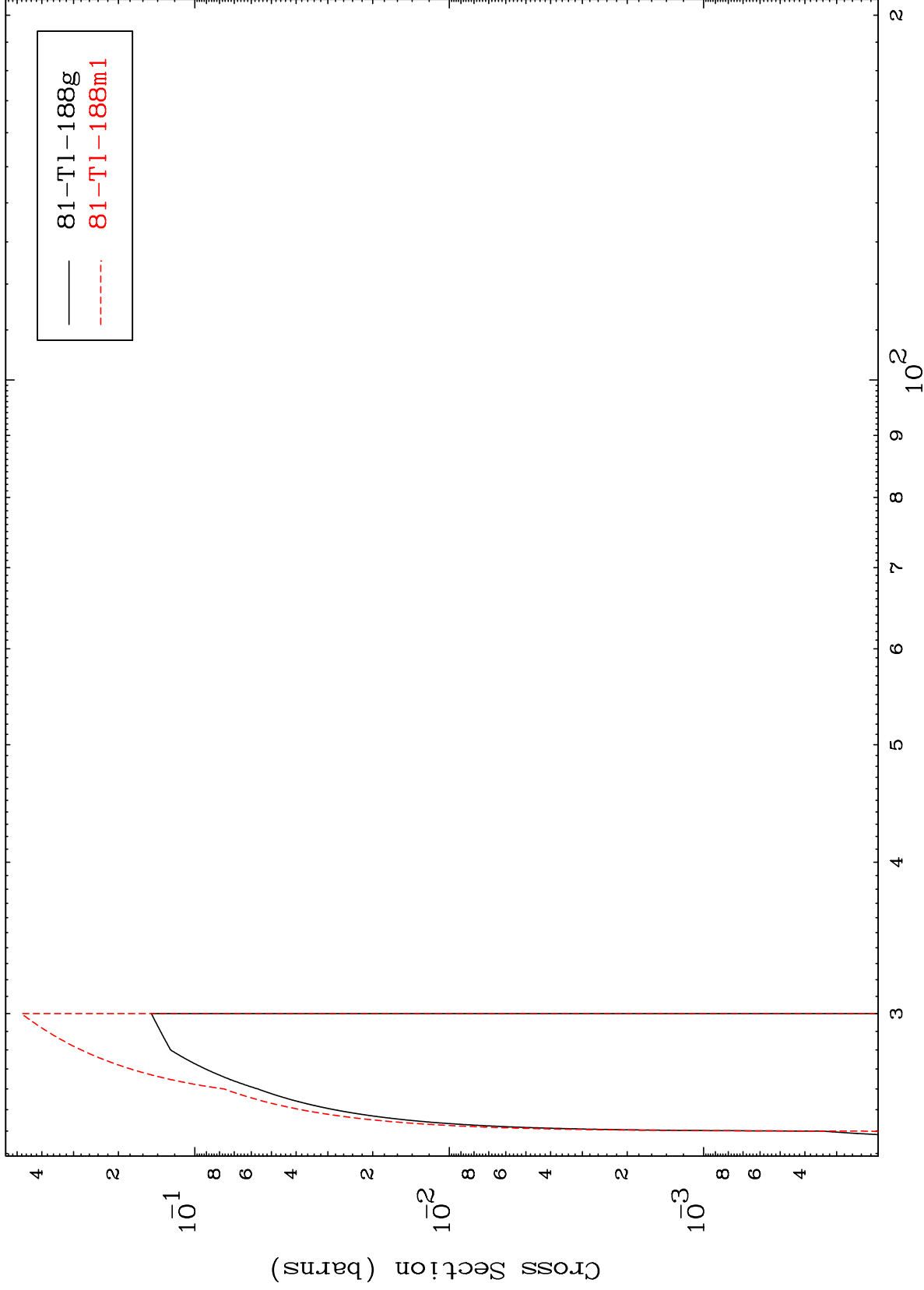


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( $\alpha, 2n$ )

79-Au-186

Radionuclide Production Cross Section



12

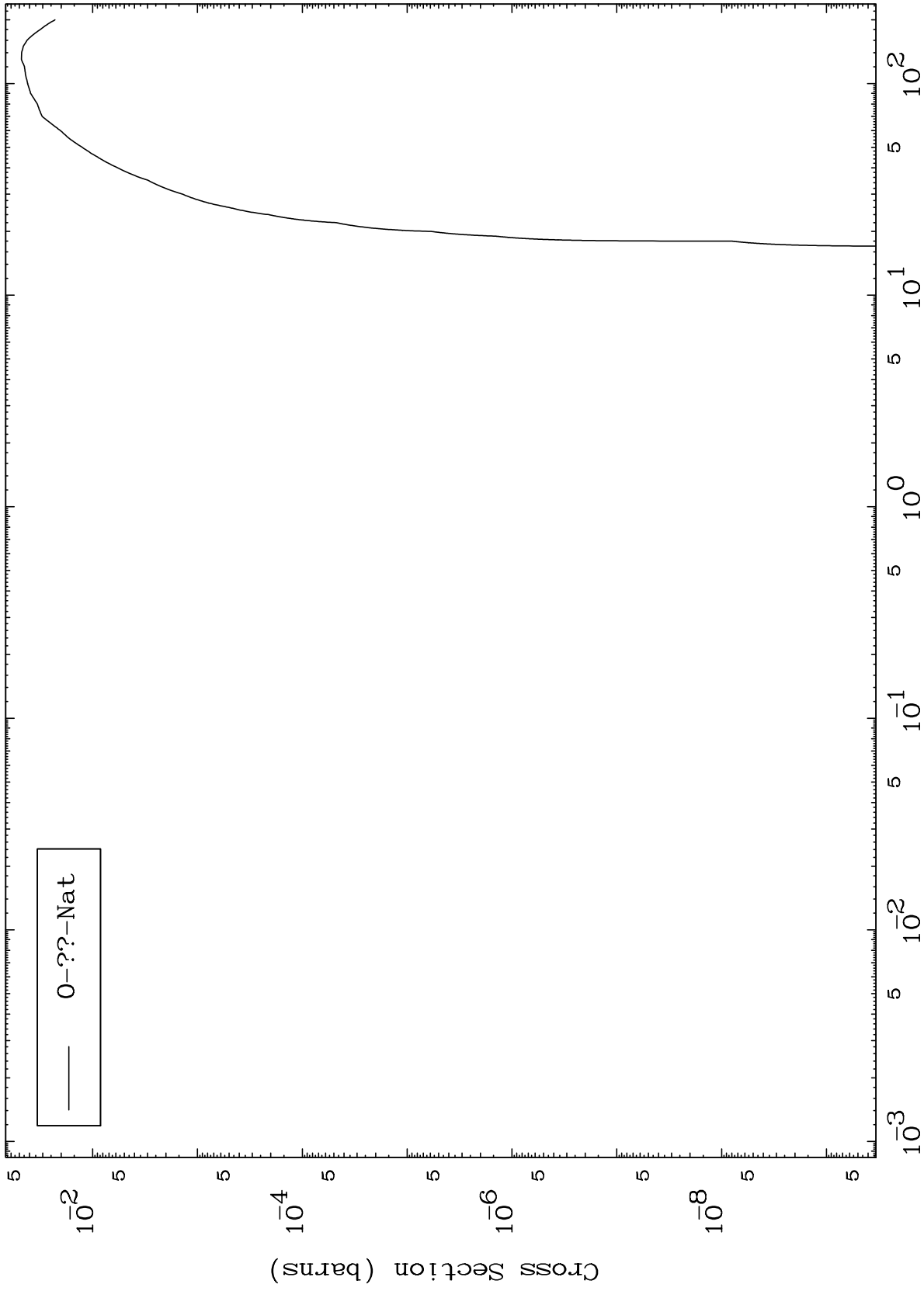
Incident Energy (MeV)

79-Au-186

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$\alpha$  Fission  
Radionuclide Production Cross Section

79-Au-186



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Incident Energy (MeV)

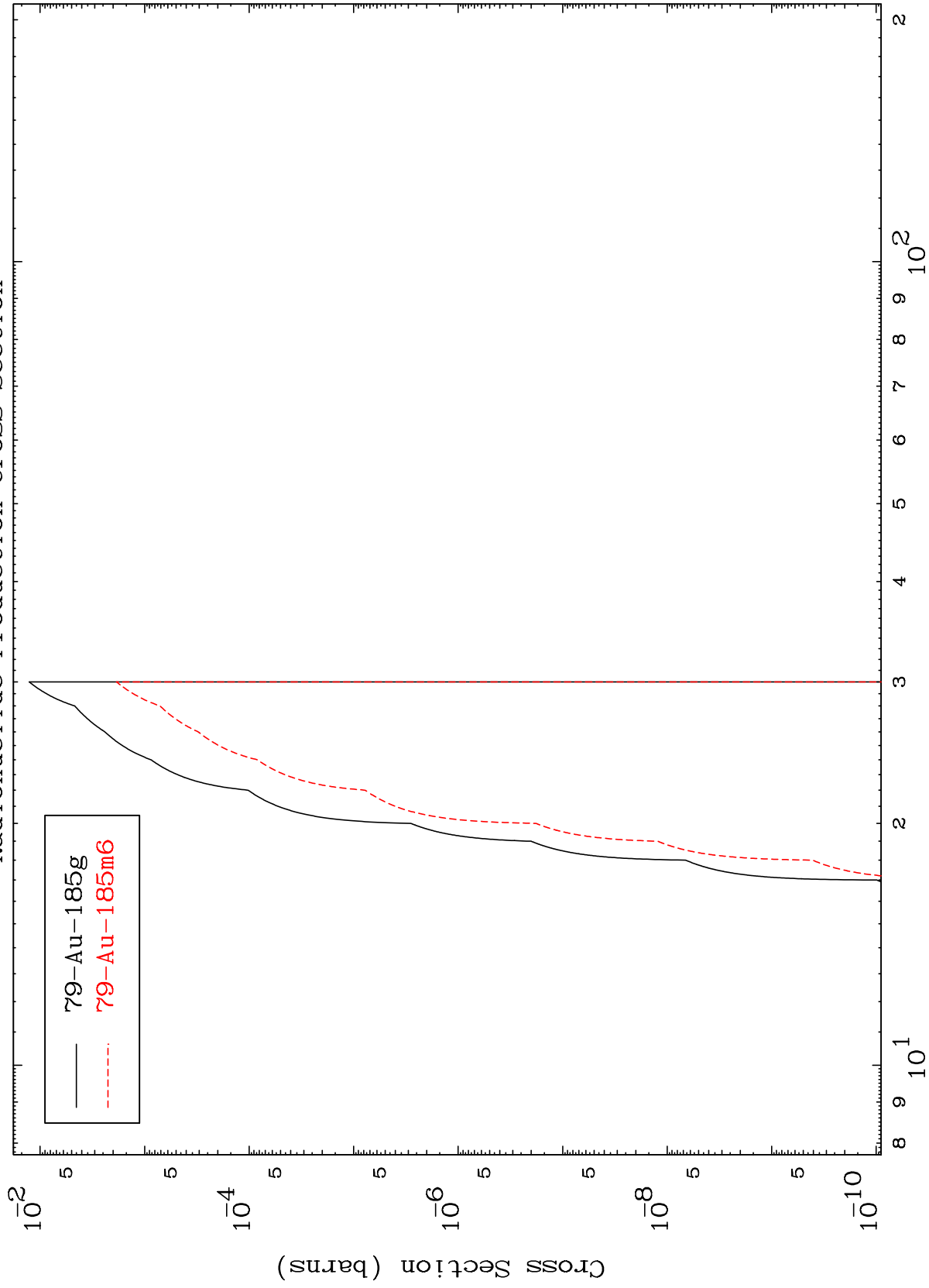
79-Au-186

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

$^{79}\text{Au-186}$

Radionuclide Production Cross Section



14

Incident Energy (MeV)

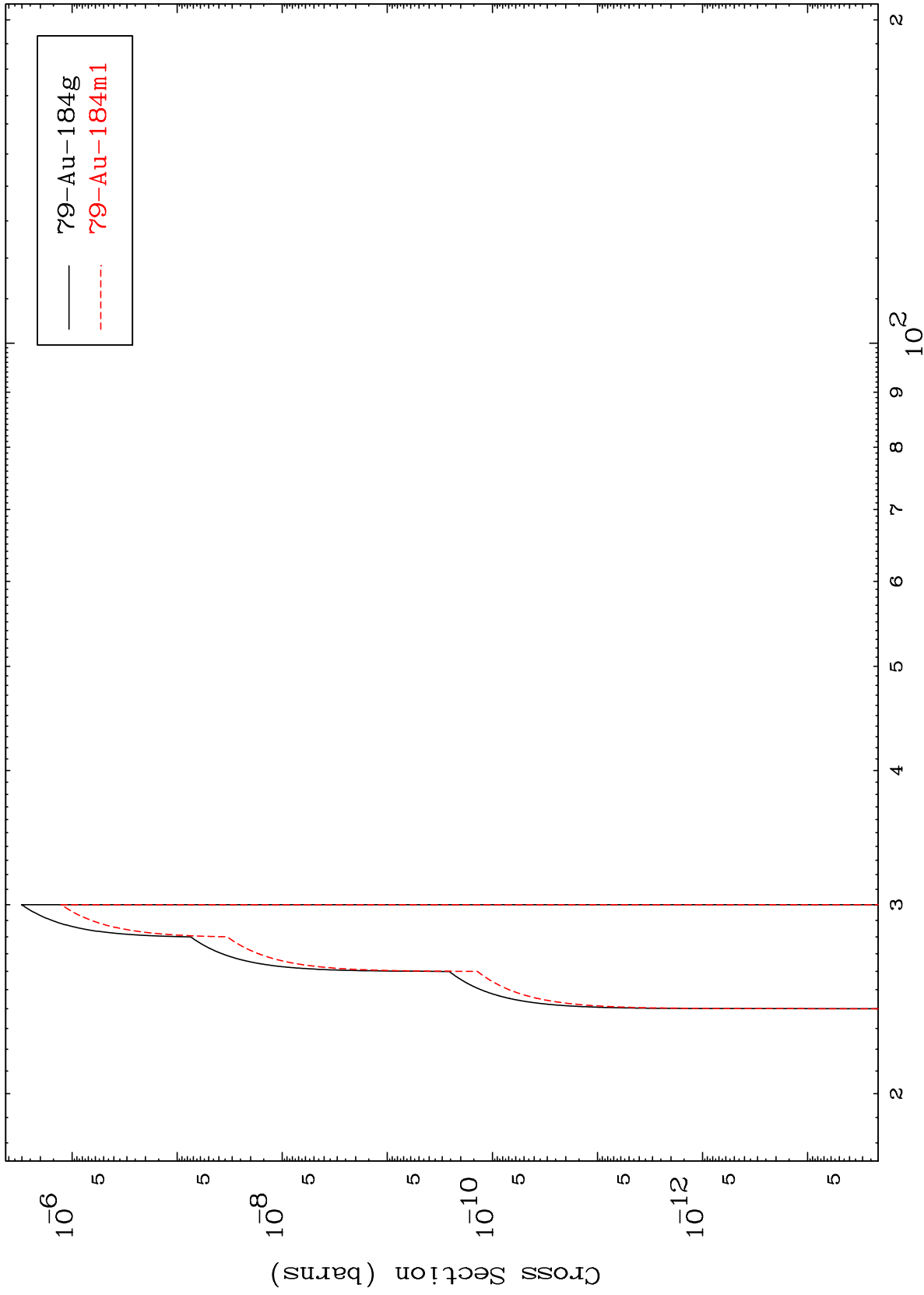
$^{79}\text{Au-186}$

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$(\alpha, 2n) \alpha$

$^{79}\text{Au-186}$

Radionuclide Production Cross Section



15

Incident Energy (MeV)

$^{79}\text{Au-186}$

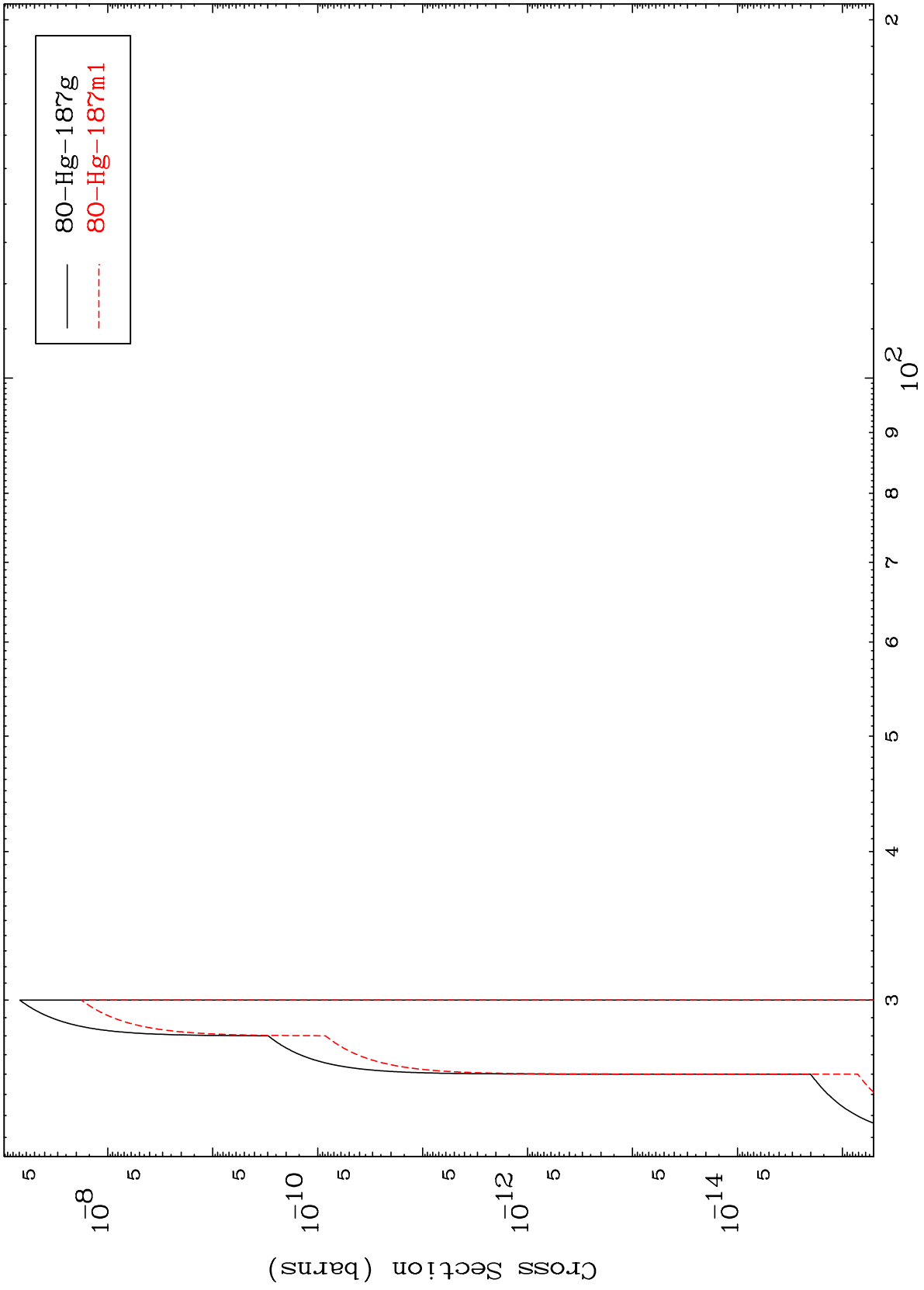


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( $\alpha, n'$ ) d

79-Au-186

Radionuclide Production Cross Section



16

Incident Energy (MeV)

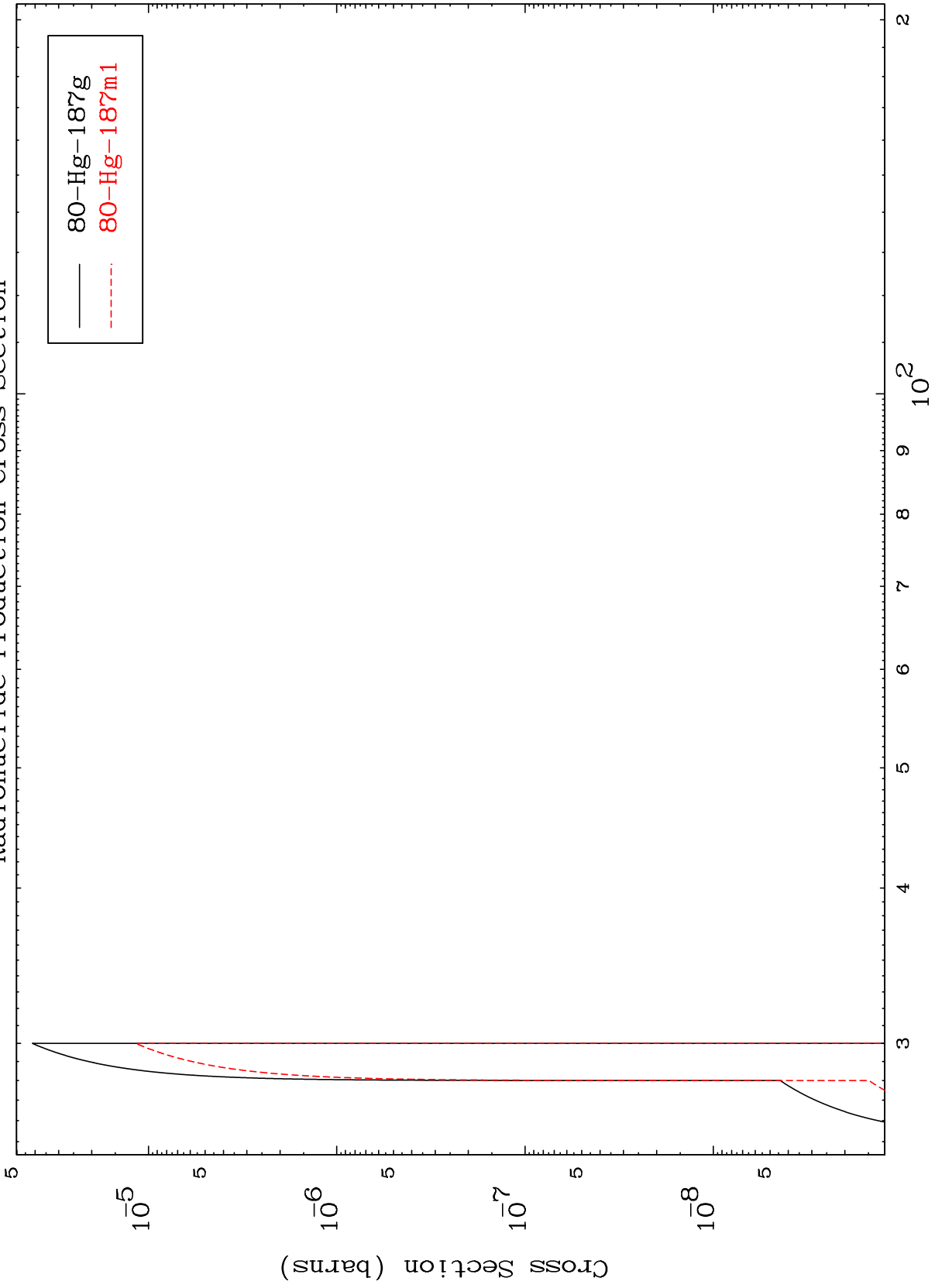
79-Au-186

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( $\alpha, 2n$ ) p

79-Au-186

Radionuclide Production Cross Section



17

Incident Energy (MeV)

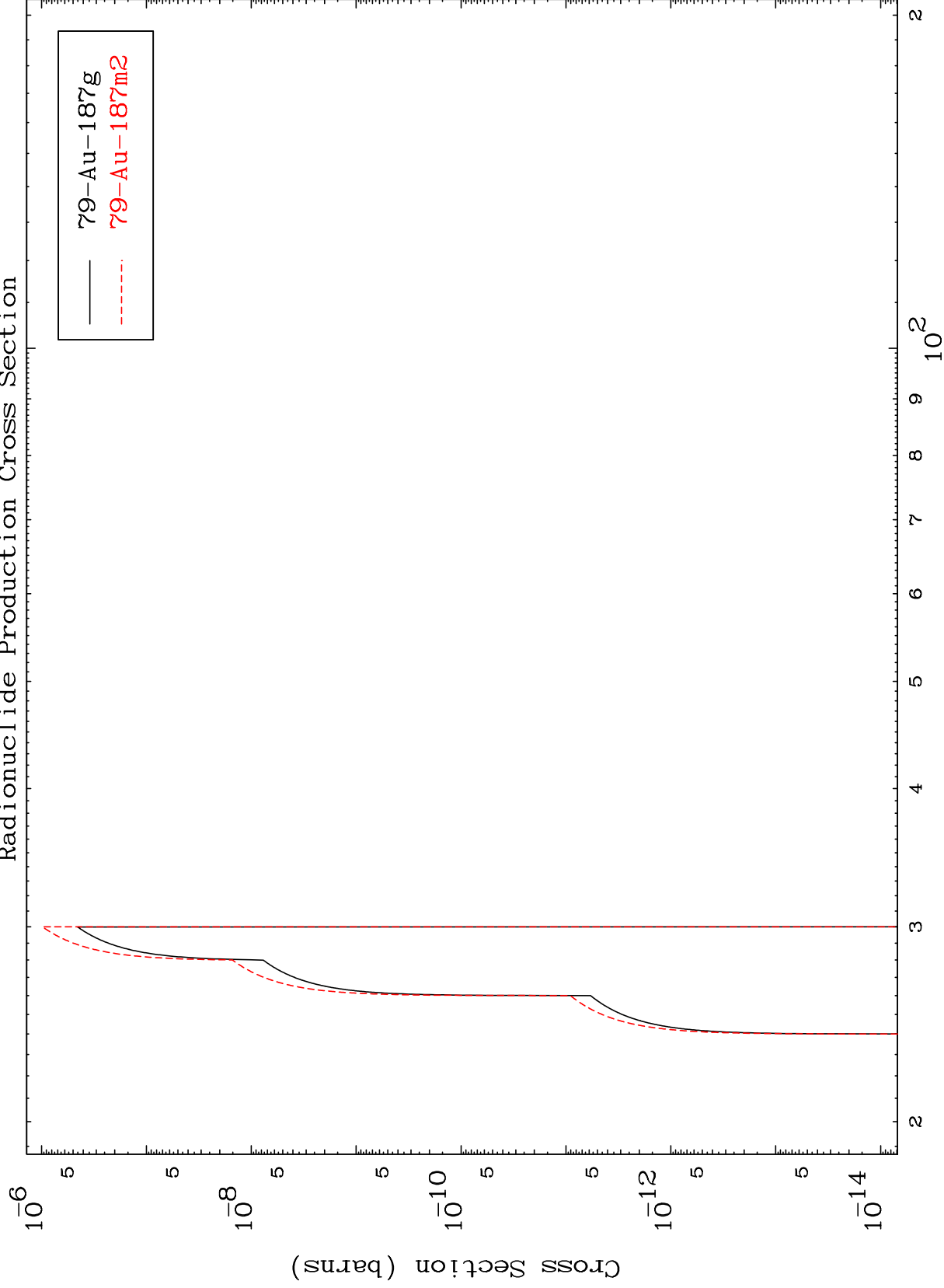
79-Au-186

MAT 7892

( $\alpha, 2n$ ) p

<sup>79</sup>Au-186

Radionuclide Production Cross Section



18

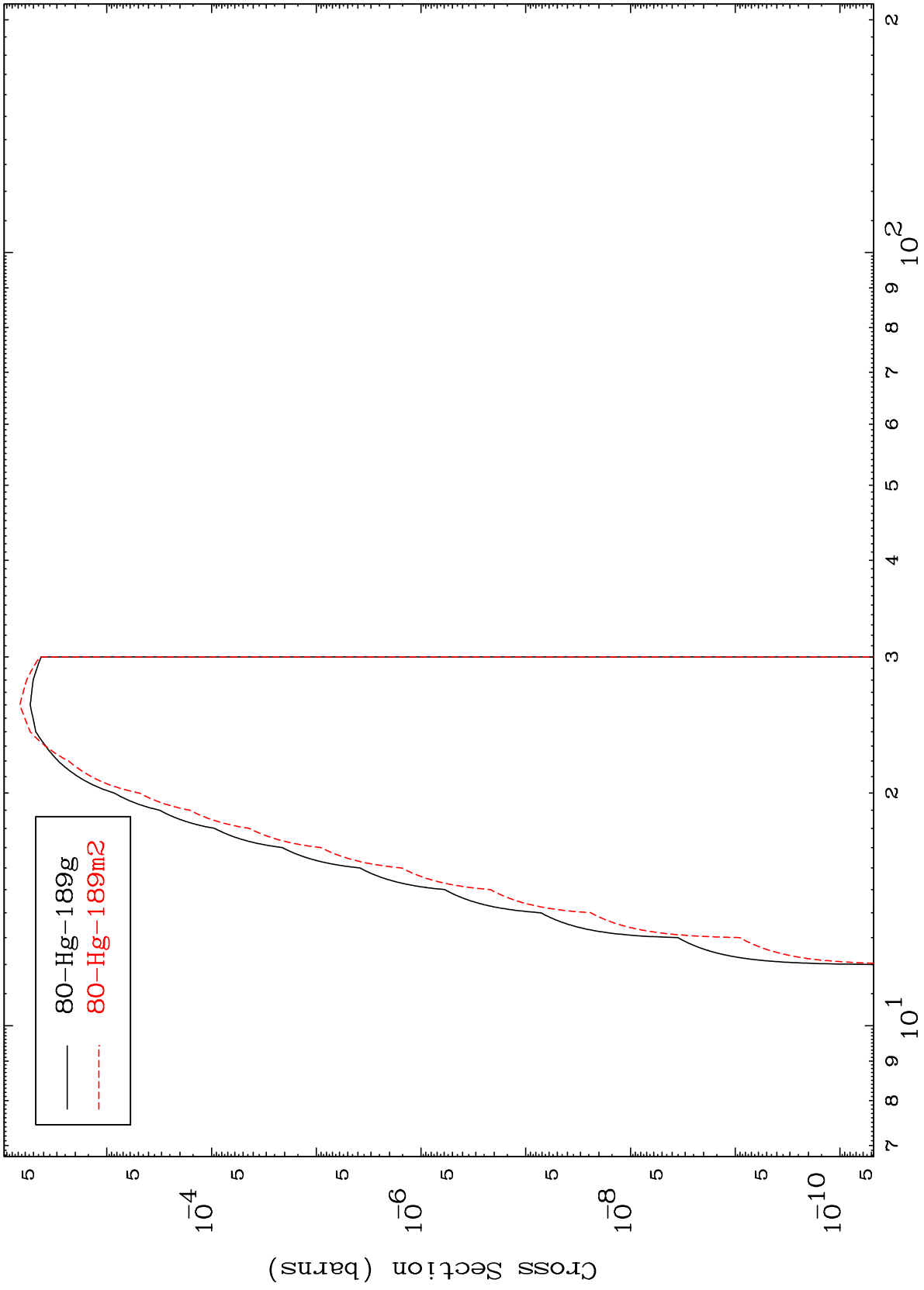
Incident Energy (MeV)

<sup>79</sup>Au-186

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79-Au-186

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



19

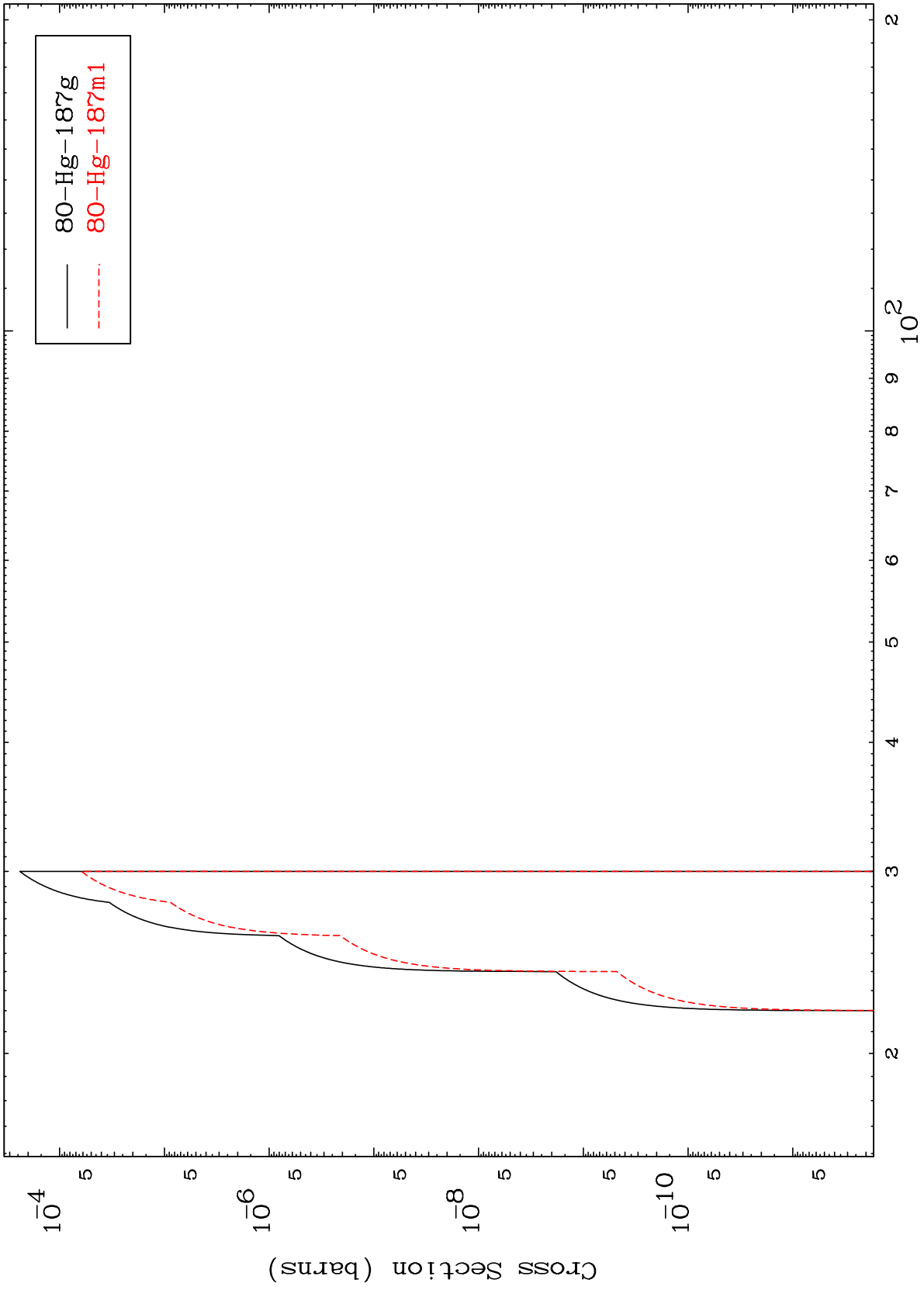
Incident Energy (MeV)

79-Au-186

MAT 7892

79-Au-186

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



20

Incident Energy (MeV)

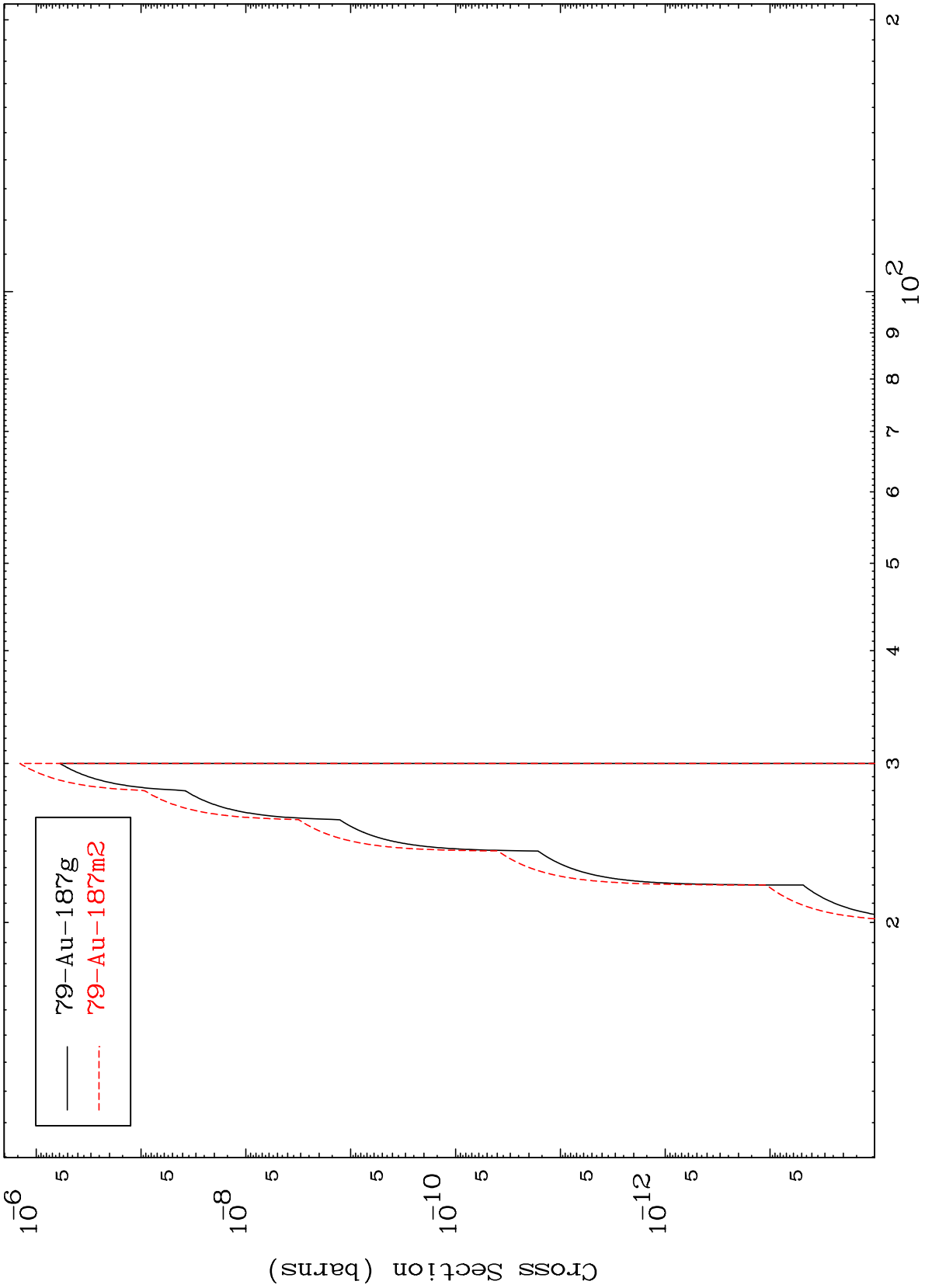
79-Au-186

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

$^{79}\text{Au-186}$

Radionuclide Production Cross Section

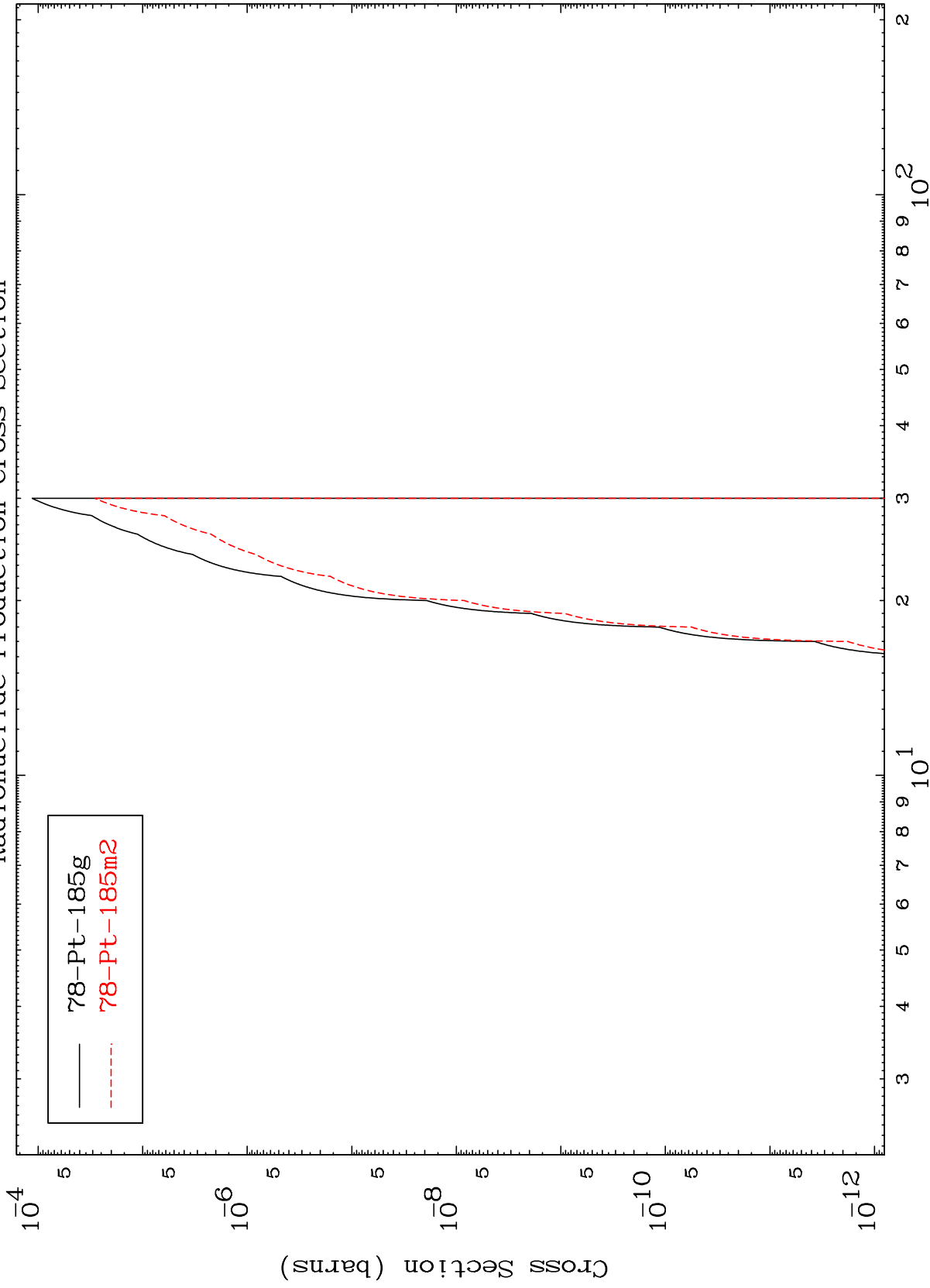


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( $\alpha, p$ )  $\alpha$

<sup>79</sup>Au-186

Radionuclide Production Cross Section



22

Incident Energy (MeV)

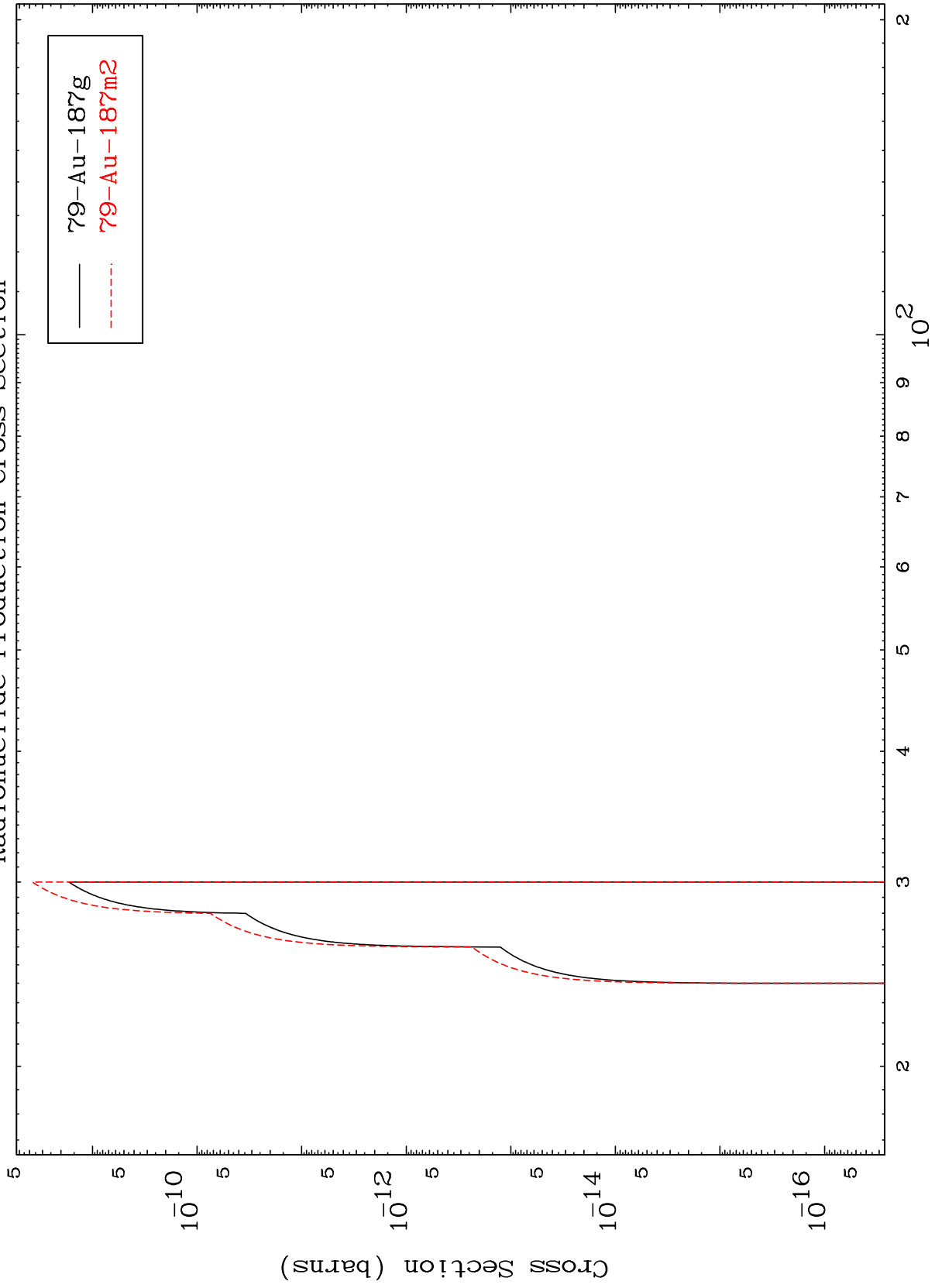
<sup>79</sup>Au-186

MAT 7892

( $\alpha, p$ ) d

<sup>79</sup>Au-186

Radionuclide Production Cross Section



23

Incident Energy (MeV)

<sup>79</sup>Au-186