

Program EVALPLOT  
(Version 2021-1)

by

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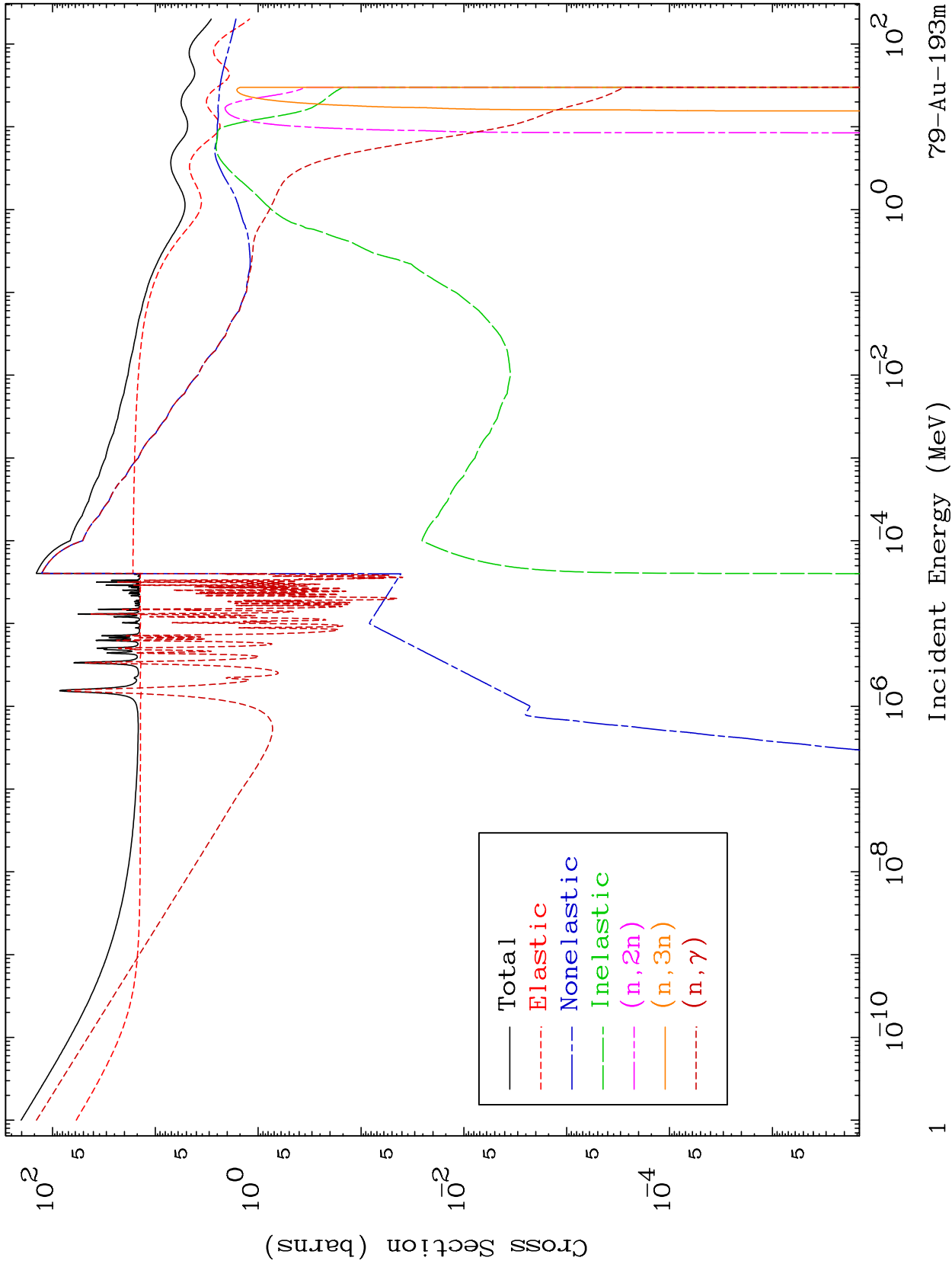
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7914

Neutron Major  
293 Kelvin Cross Sections

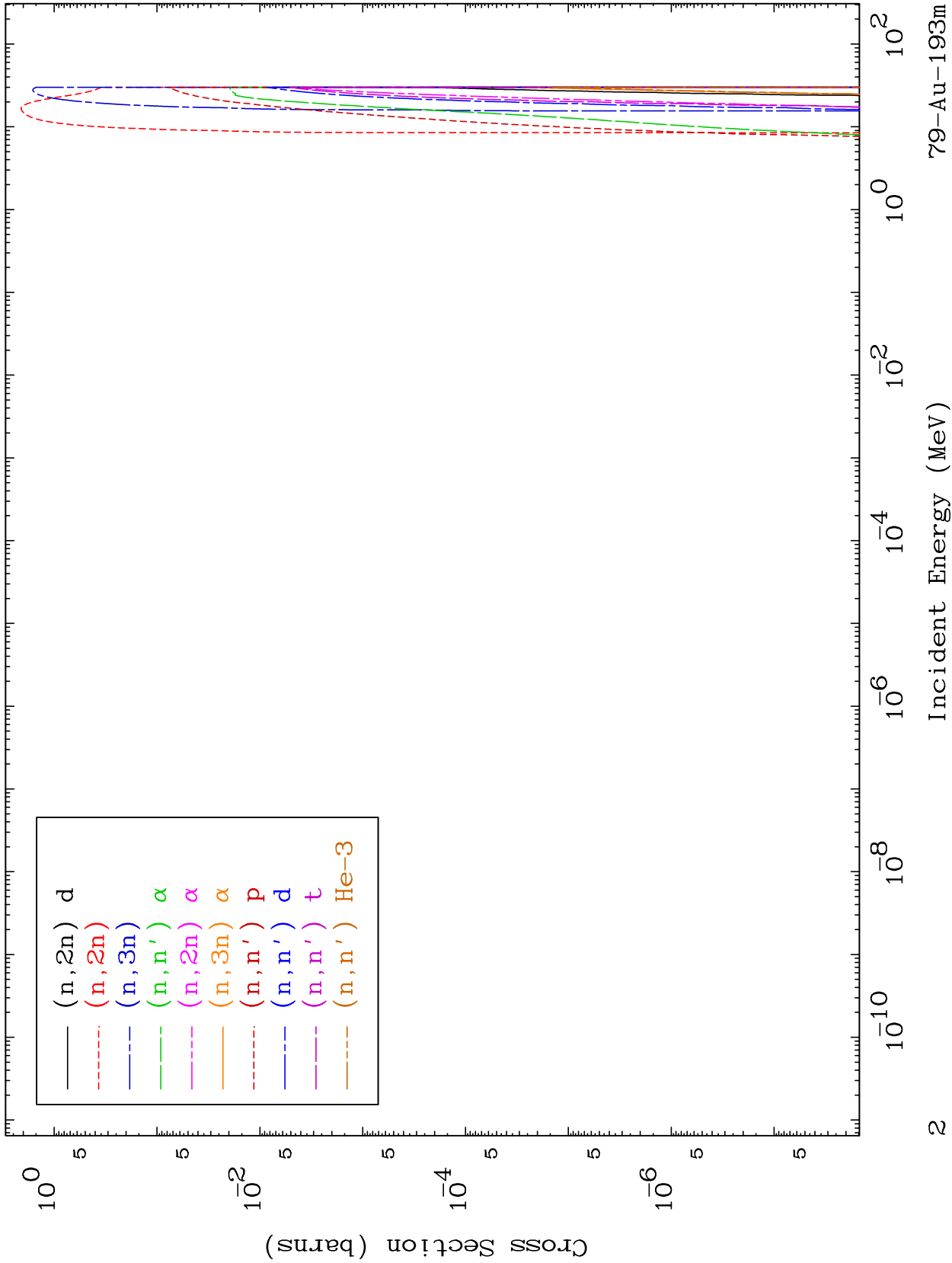
79-Au-193m

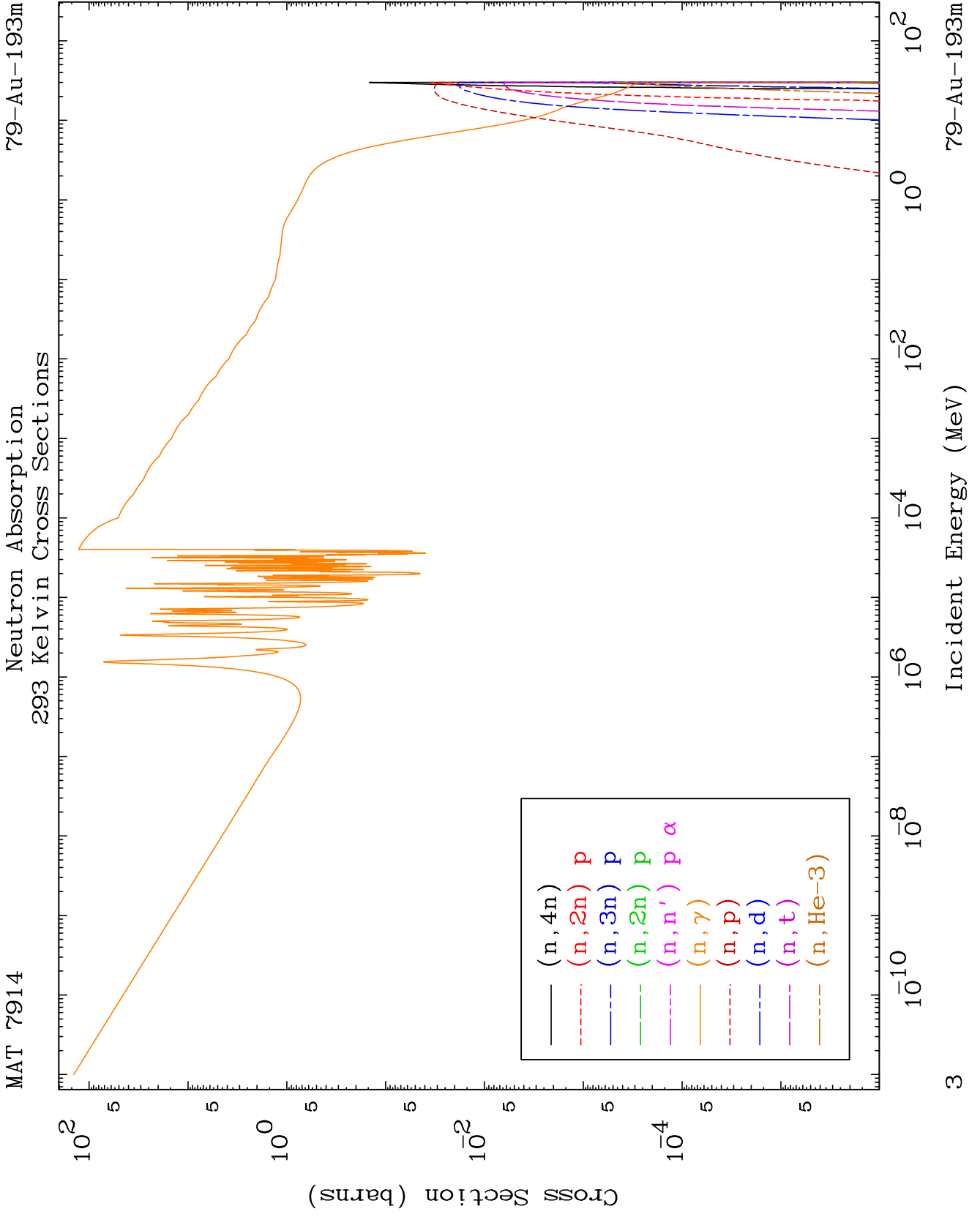


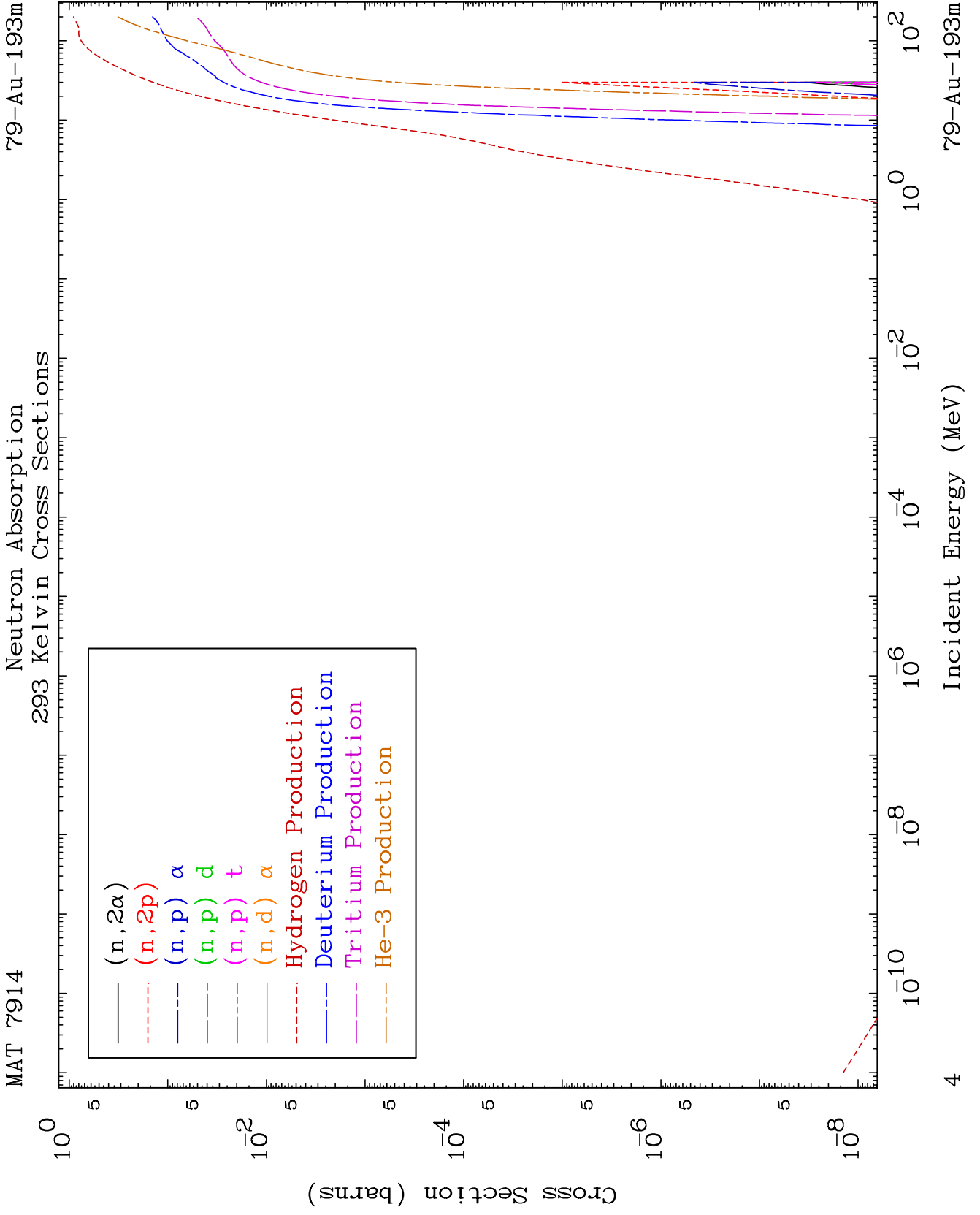
MAT 7914

Neutron Absorption  
293 Kelvin Cross Sections

<sup>79</sup>Au-193m



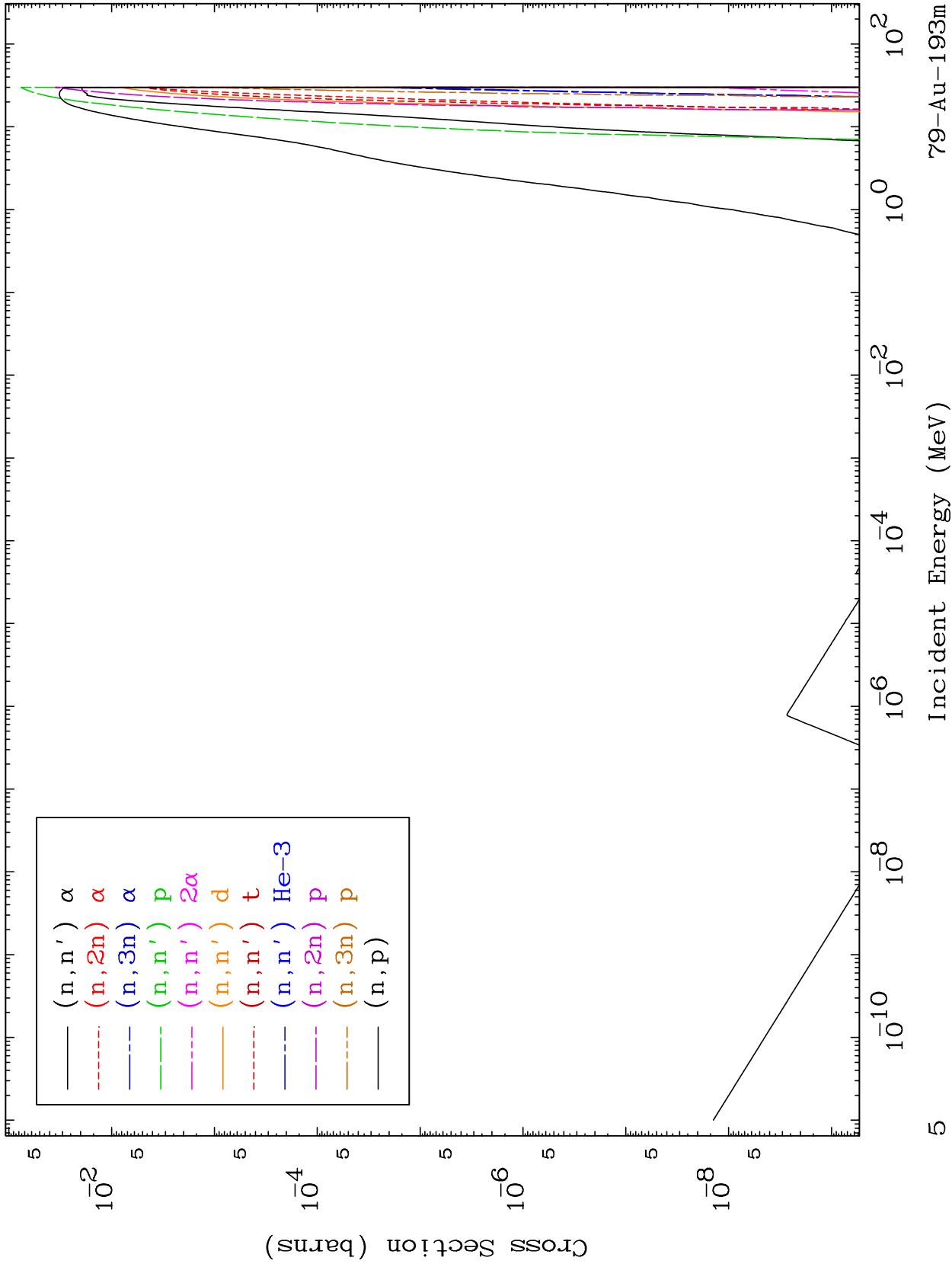




MAT 7914

Charged Particle  
293 Kelvin Cross Sections

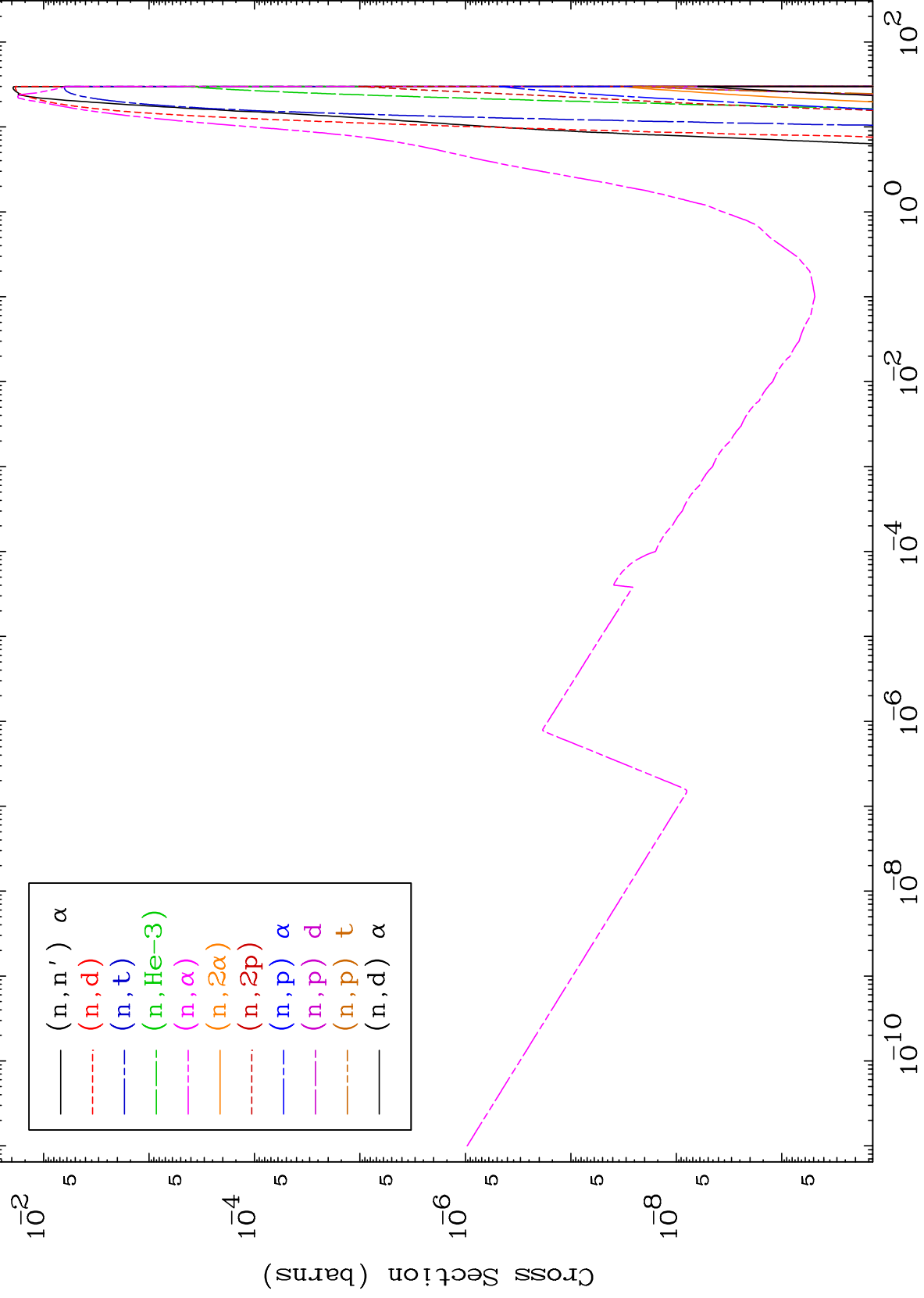
79-Au-193m



MAT 7914

Charged Particle  
293 Kelvin Cross Sections

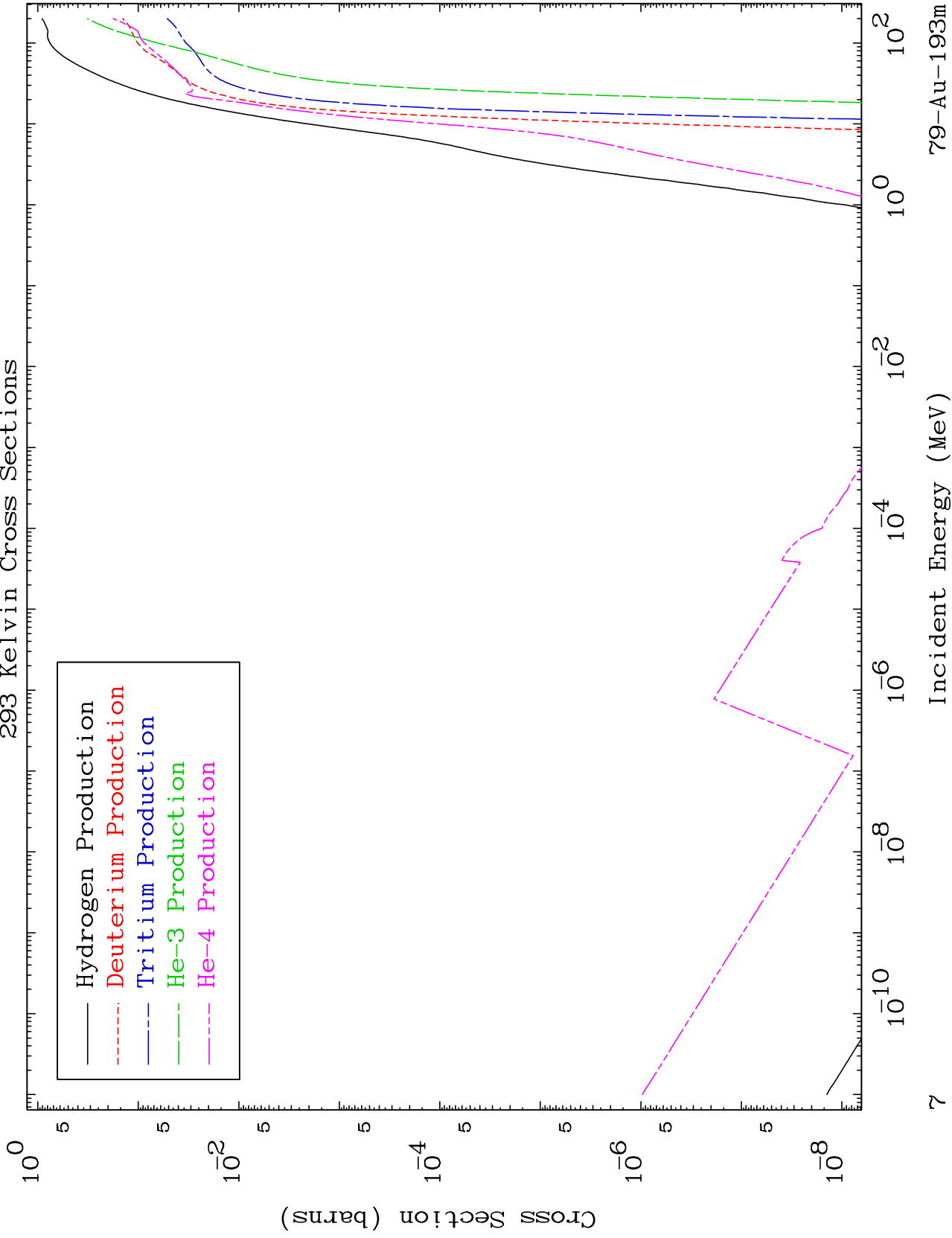
79-Au-193m



MAT 7914

Particle Production  
293 Kelvin Cross Sections

<sup>79</sup>Au-193m

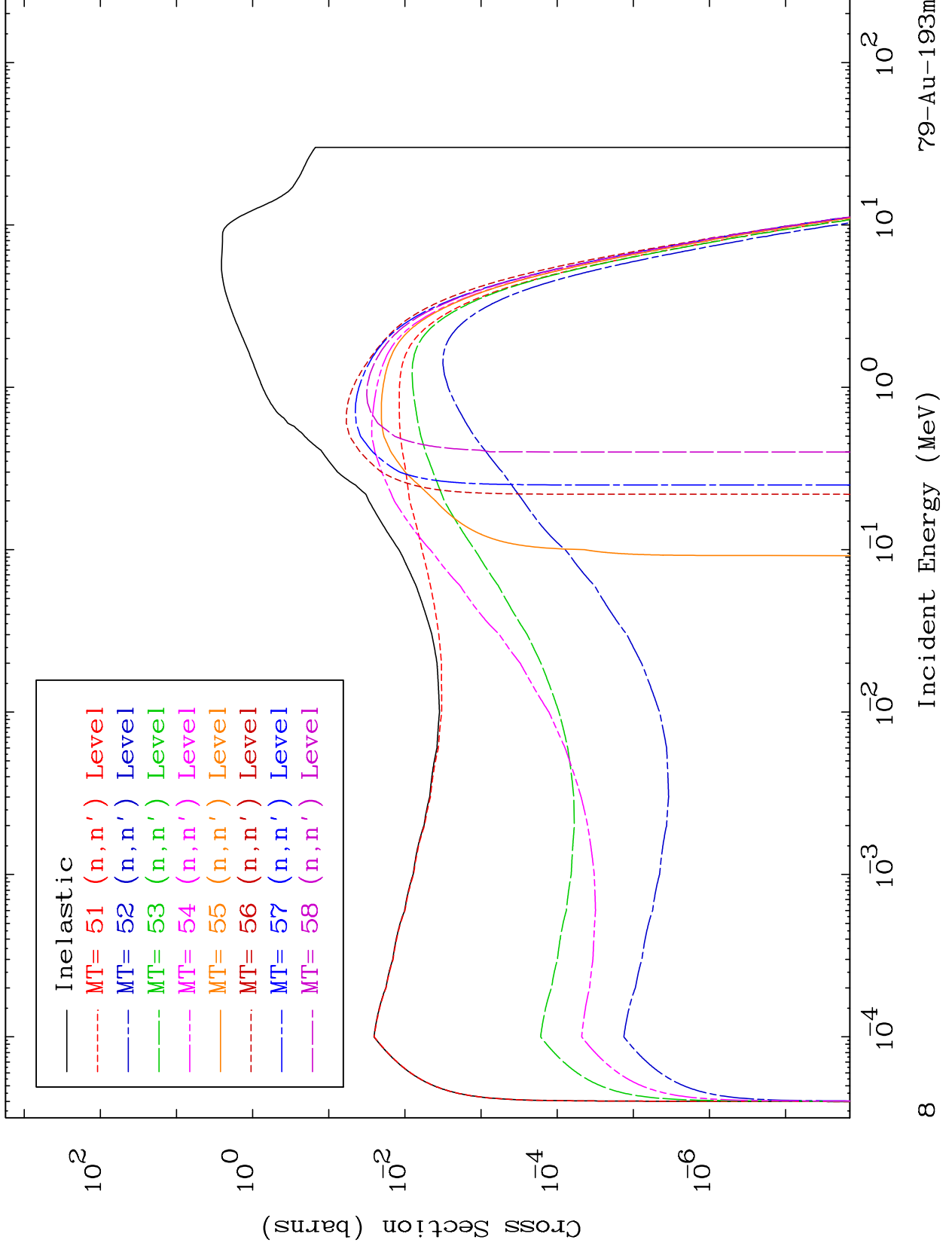




MAT 7914

(n,n') Levels  
293 Kelvin Cross Sections

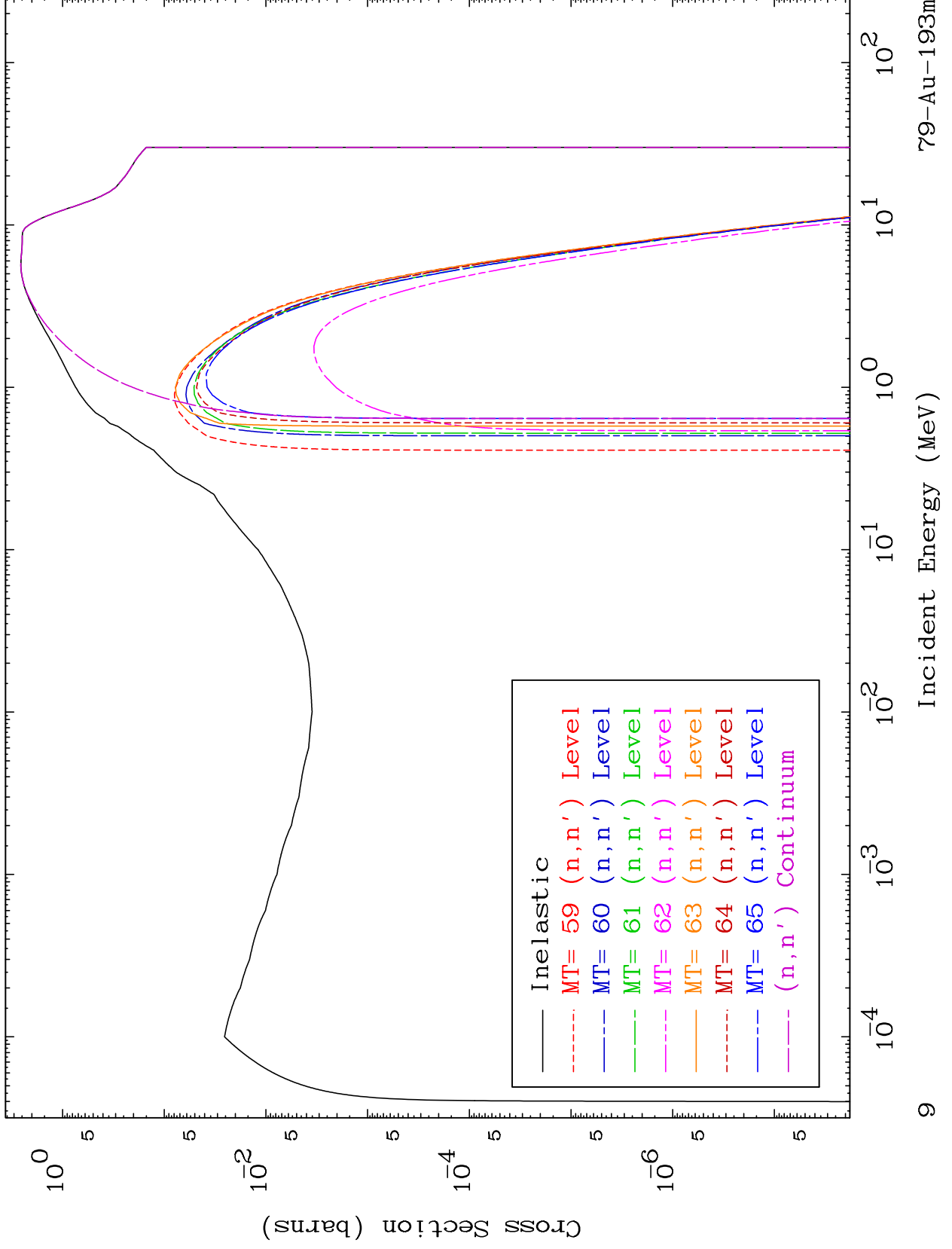
<sup>79</sup>Au-193m



MAT 7914

(n,n') Levels  
293 Kelvin Cross Sections

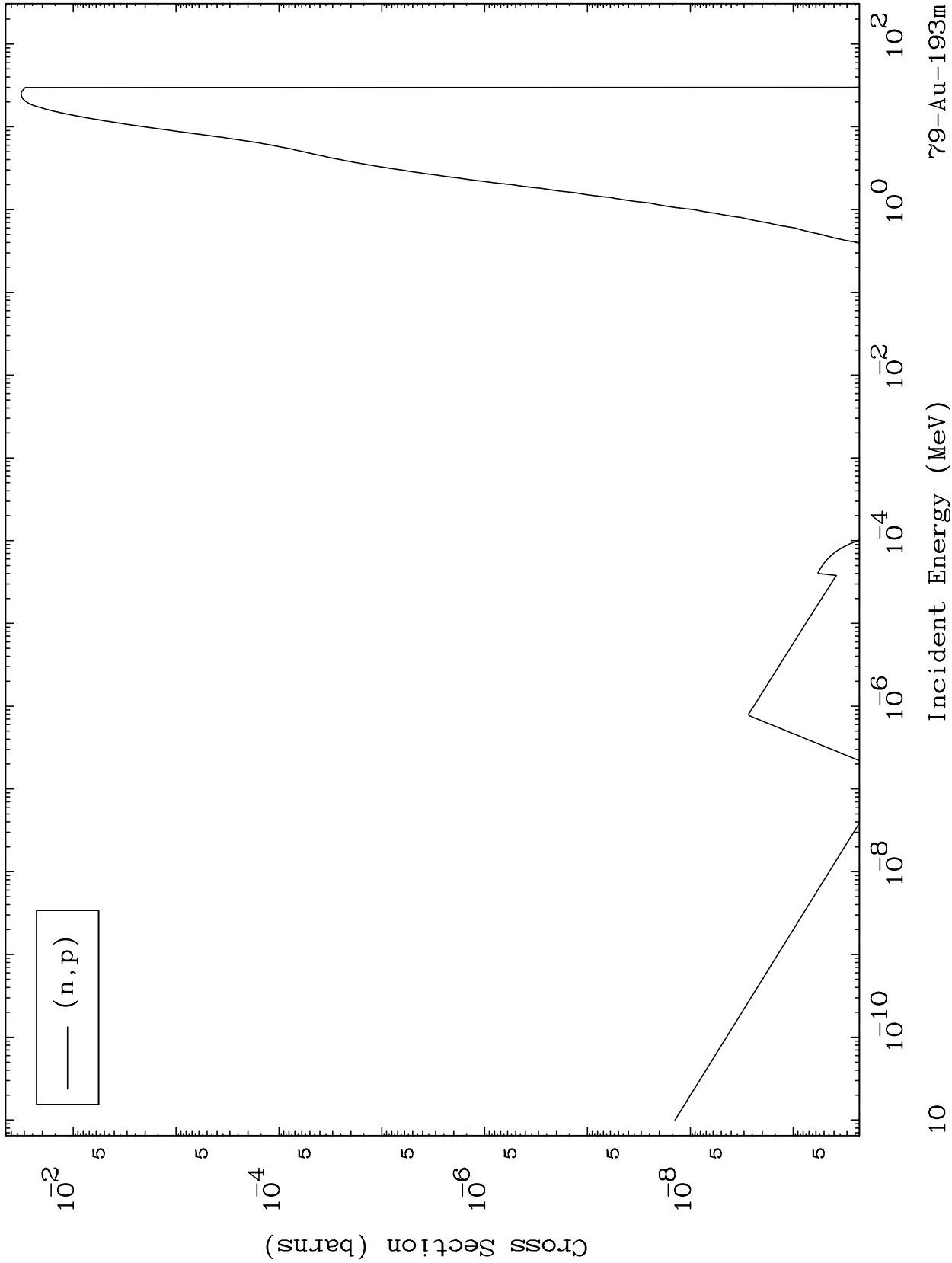
79-Au-193m



MAT 7914

(n,p) Levels  
293 Kelvin Cross Sections

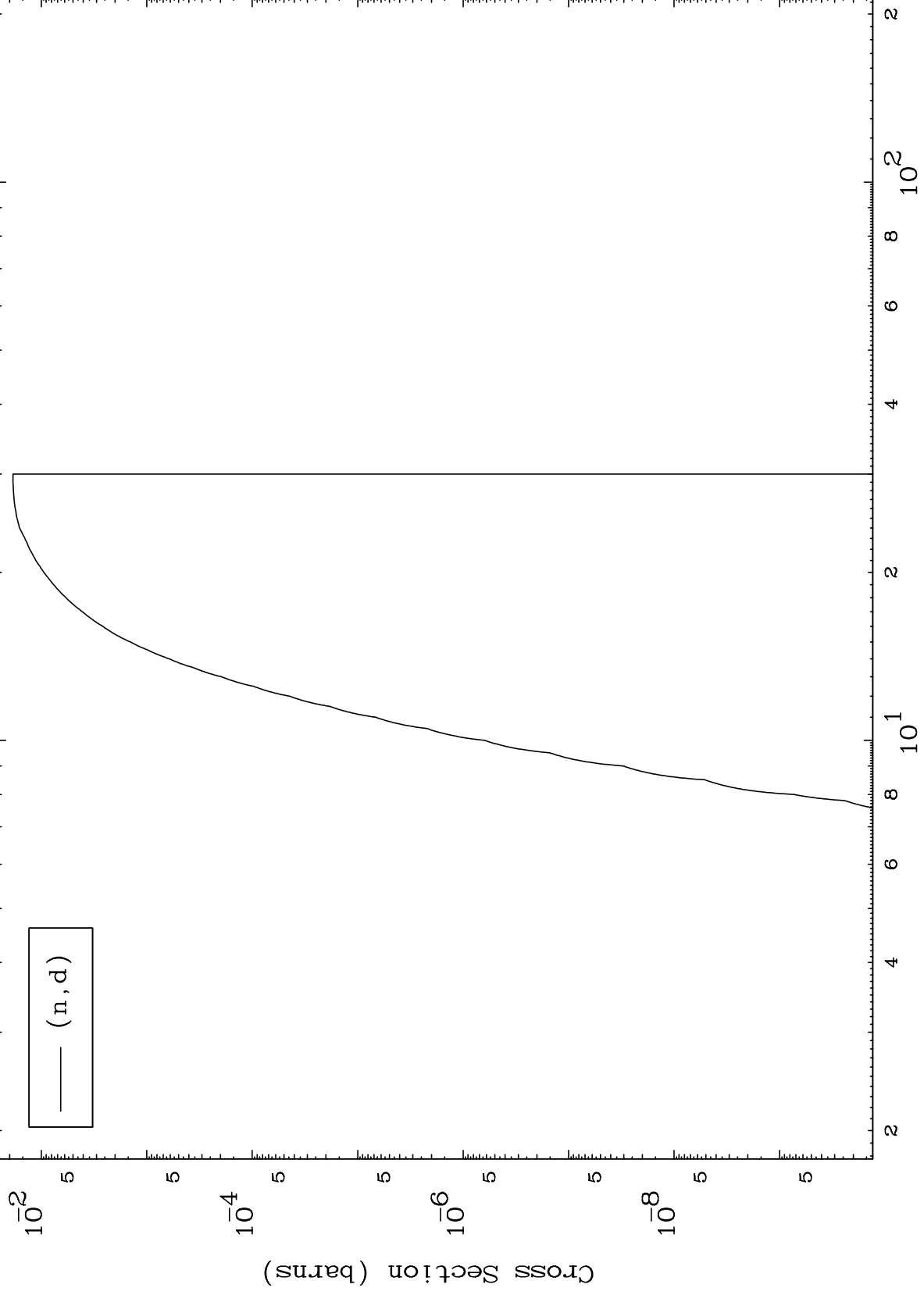
79-Au-193m



MAT 7914

(n,d) Levels  
293 Kelvin Cross Sections

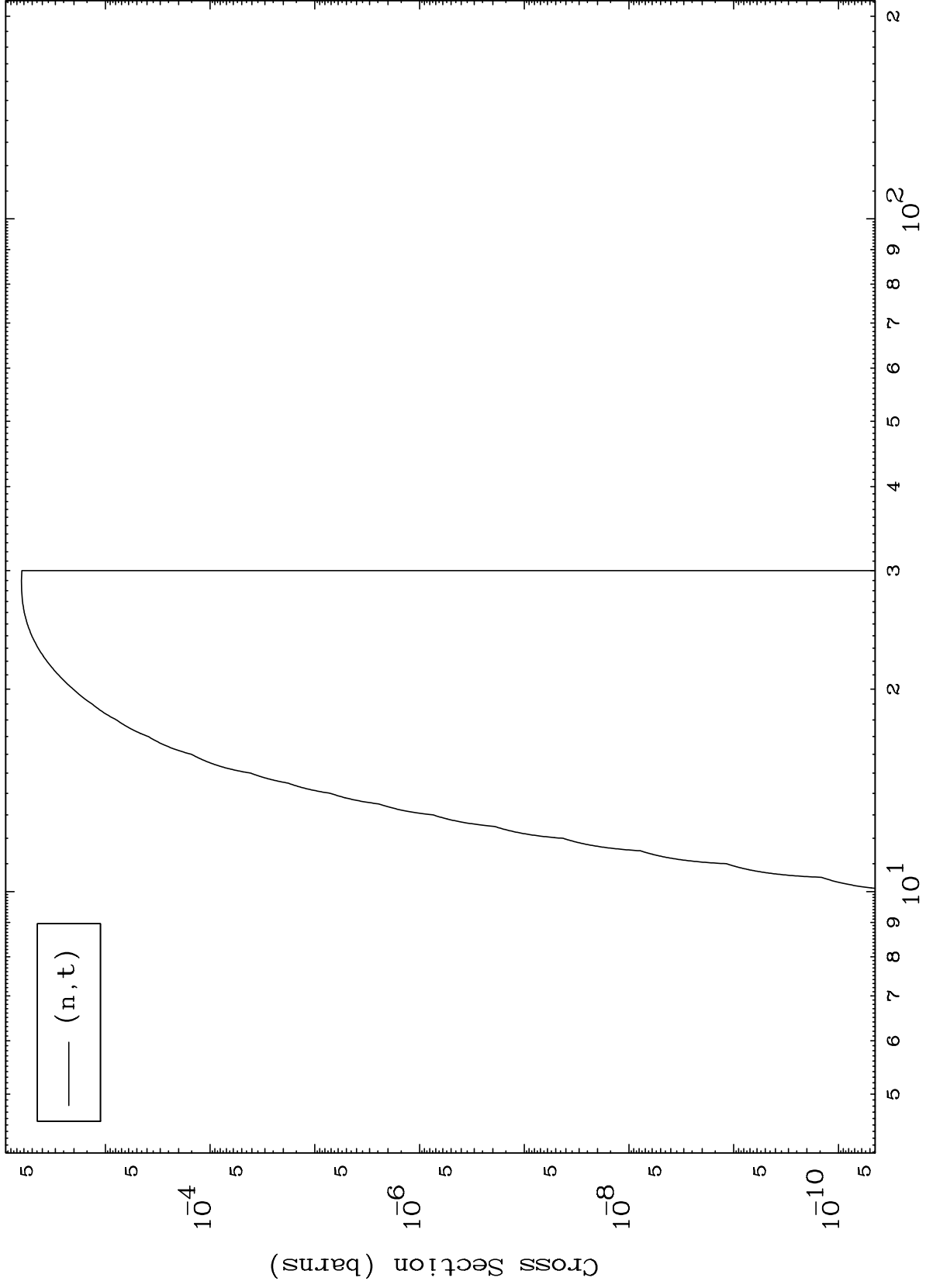
<sup>79</sup>Au-193m



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(n,t) Levels  
293 Kelvin Cross Sections

79-Au-193m



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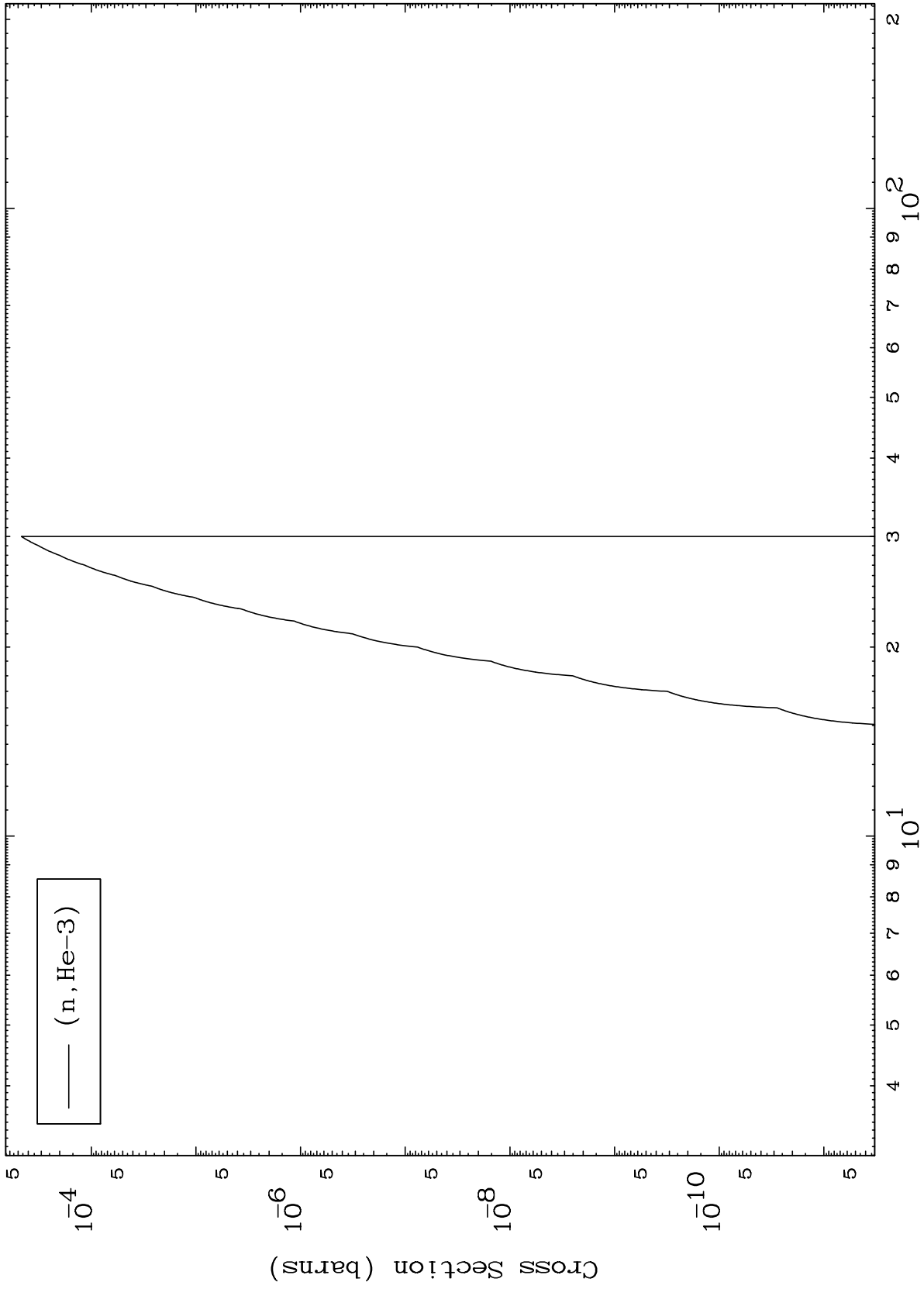
Incident Energy (MeV)

79-Au-193m

MAT 7914

(n,He3) Levels  
293 Kelvin Cross Sections

79-Au-193m



13

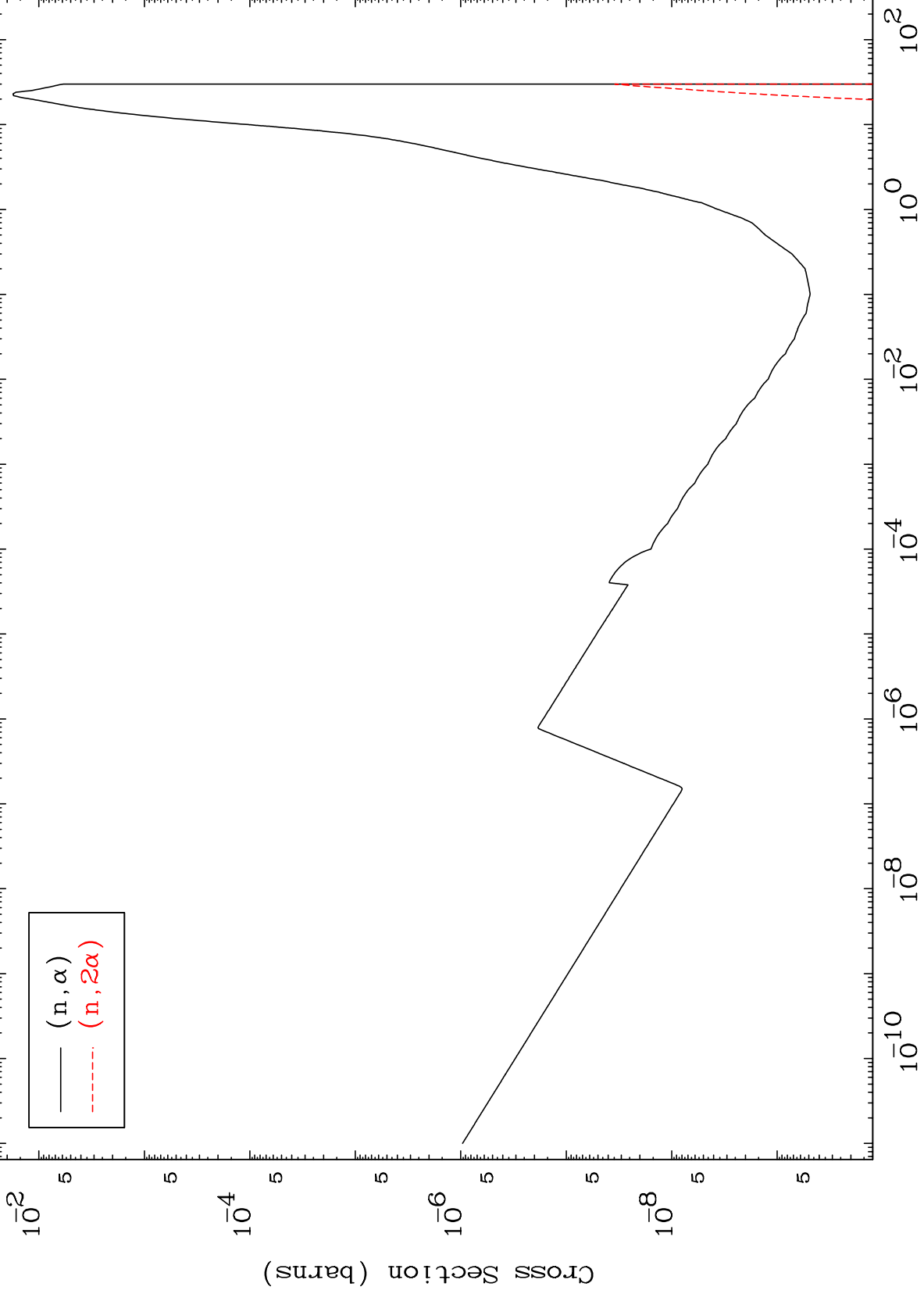
Incident Energy (MeV)

79-Au-193m

MAT 7914

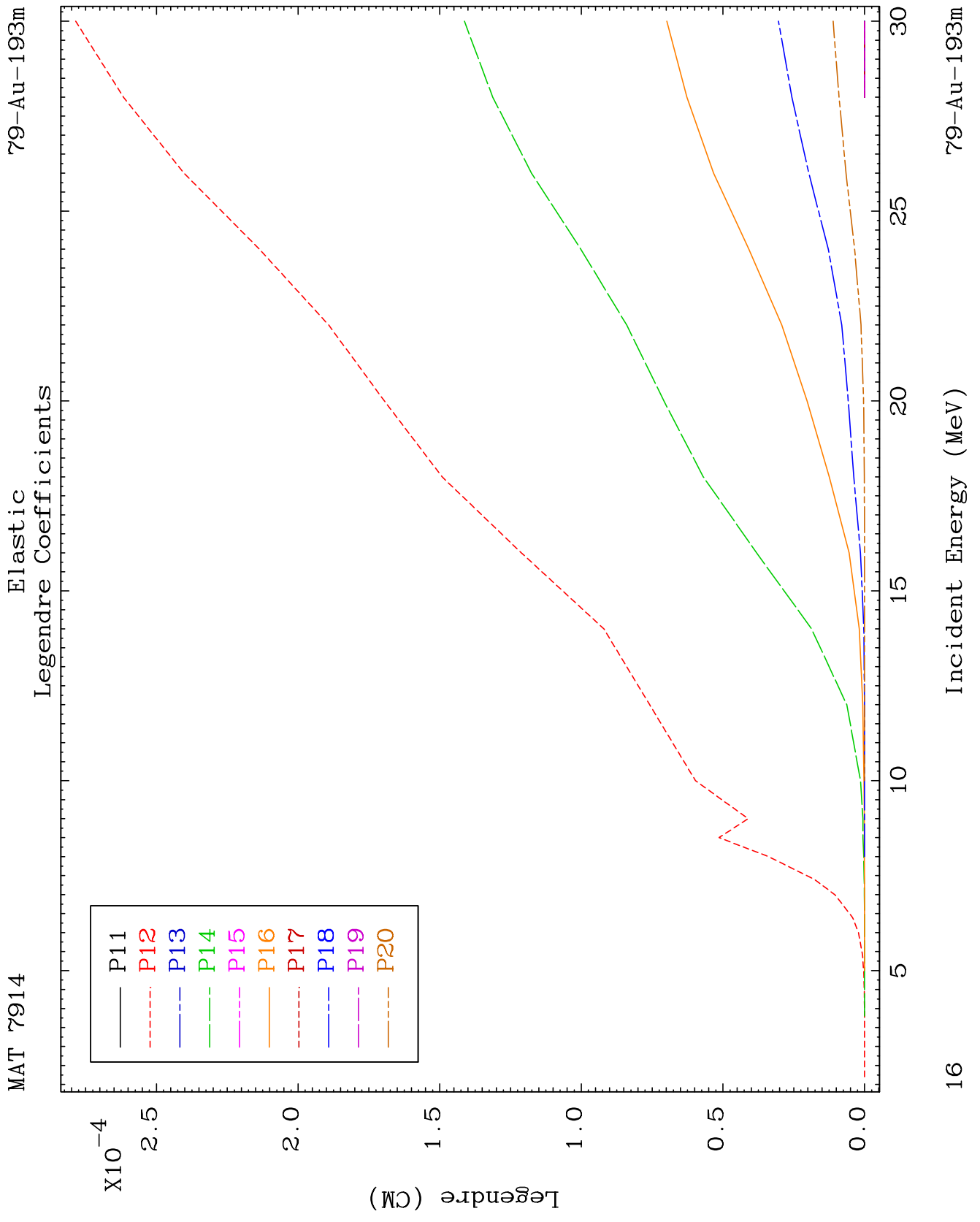
(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

79-Au-193m





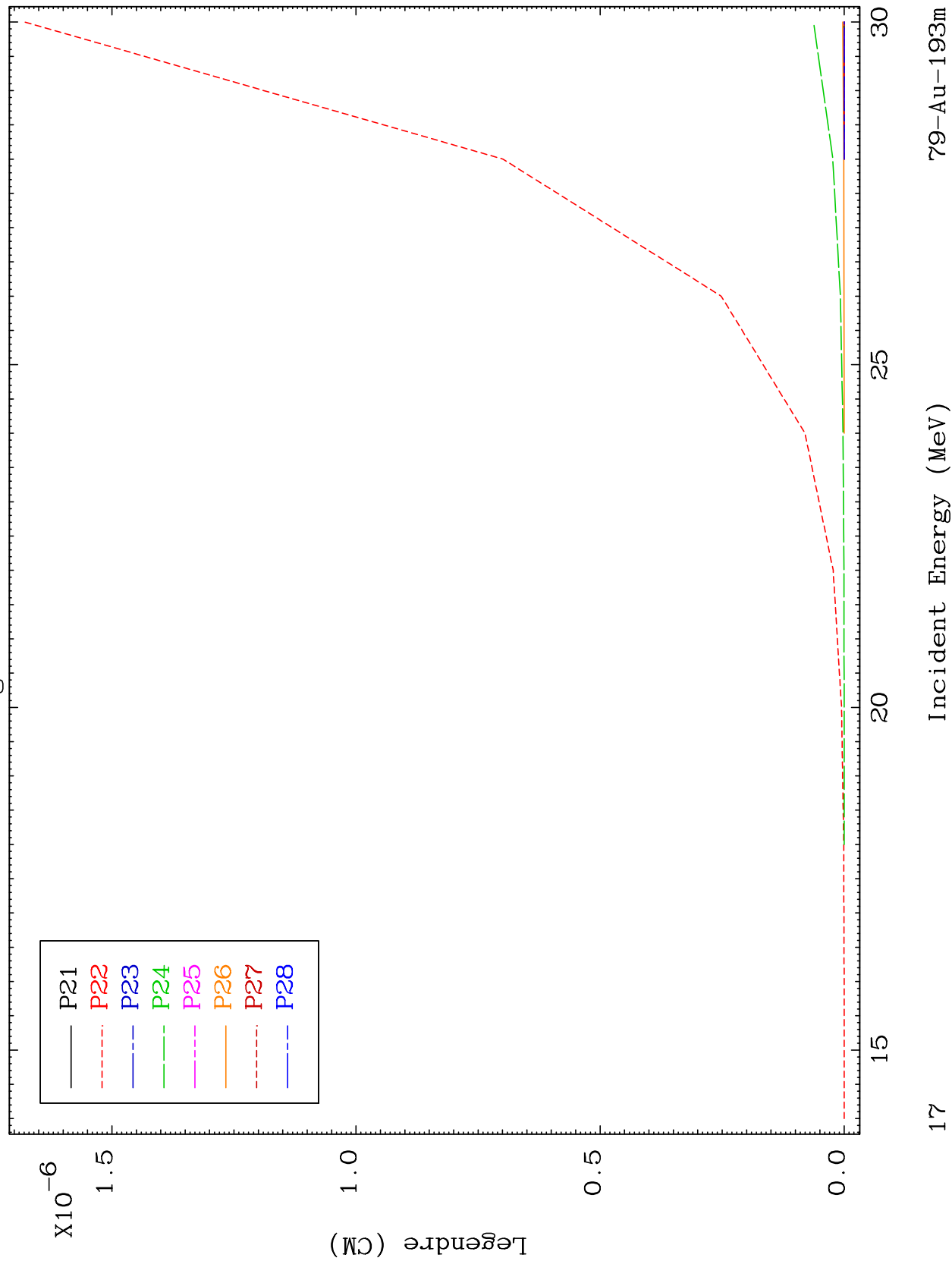




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Elastic Legendre Coefficients

79-Au-193m



17

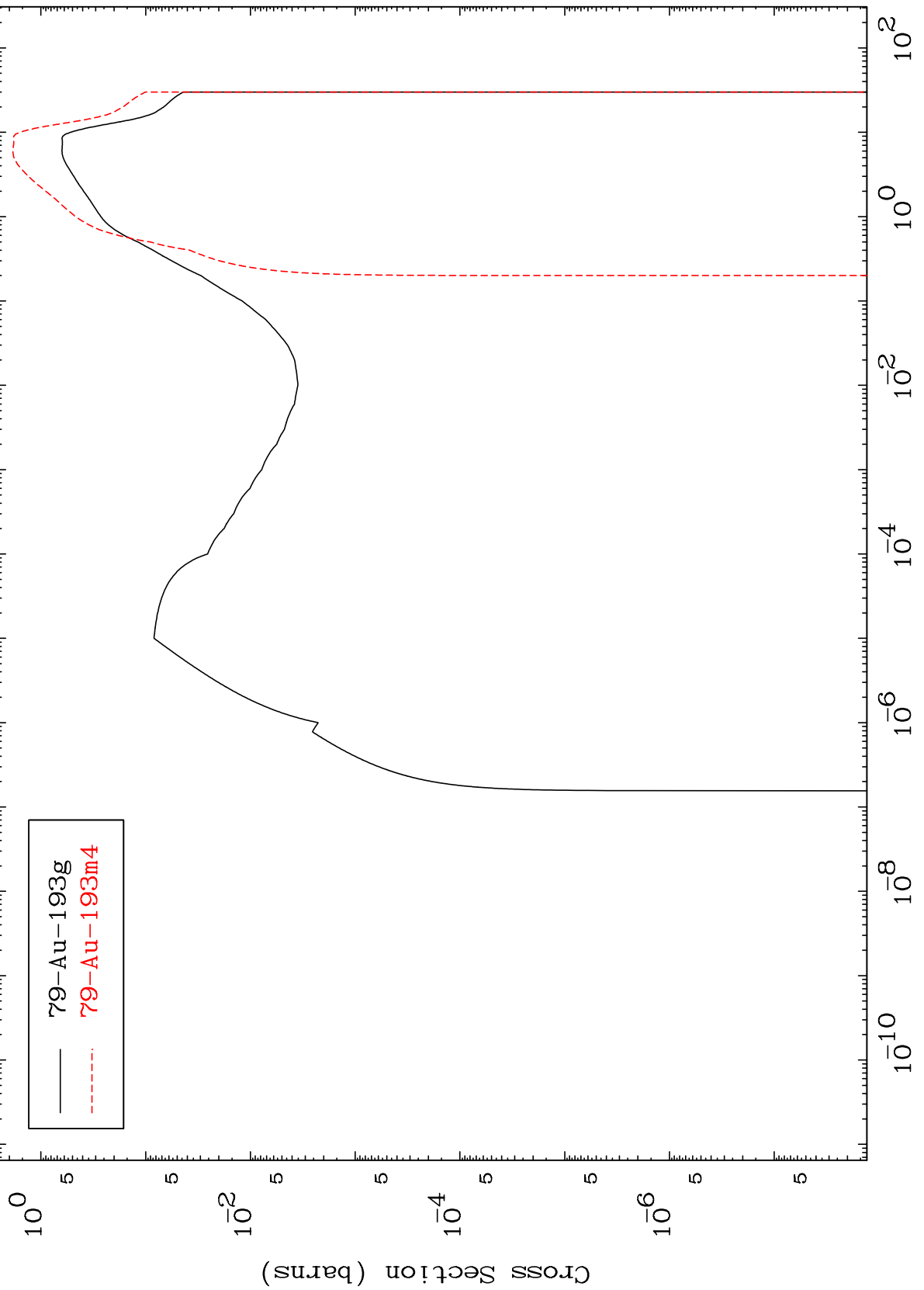
Incident Energy (MeV)

79-Au-193m

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Inelastic  
Radionuclide Production Cross Section

<sup>79</sup>Au-193m

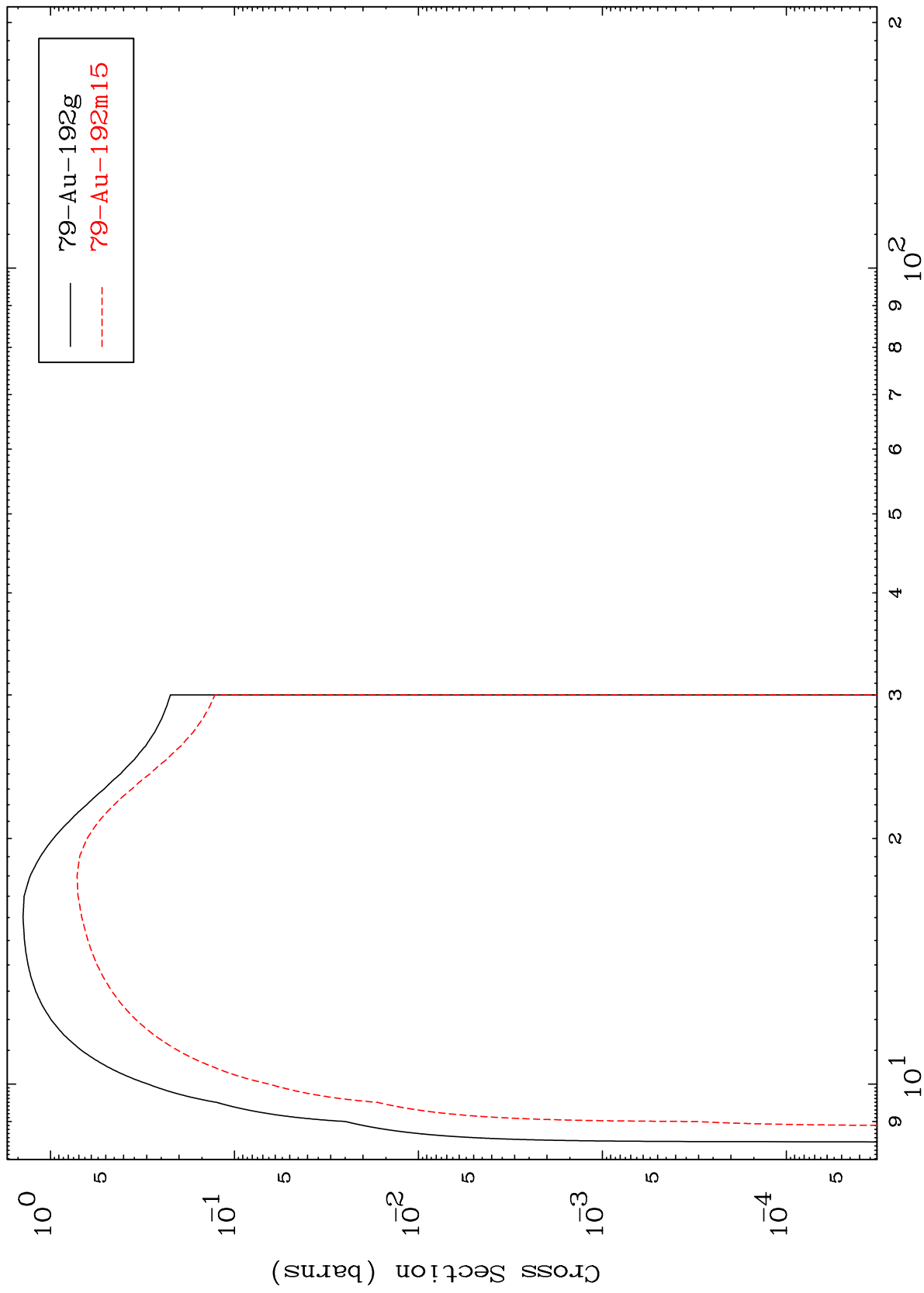


— <sup>79</sup>Au-193g  
- - - <sup>79</sup>Au-193m4

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<sup>79</sup>Au-193m

(n,2n)  
Radionuclide Production Cross Section



<sup>79</sup>Au-193m

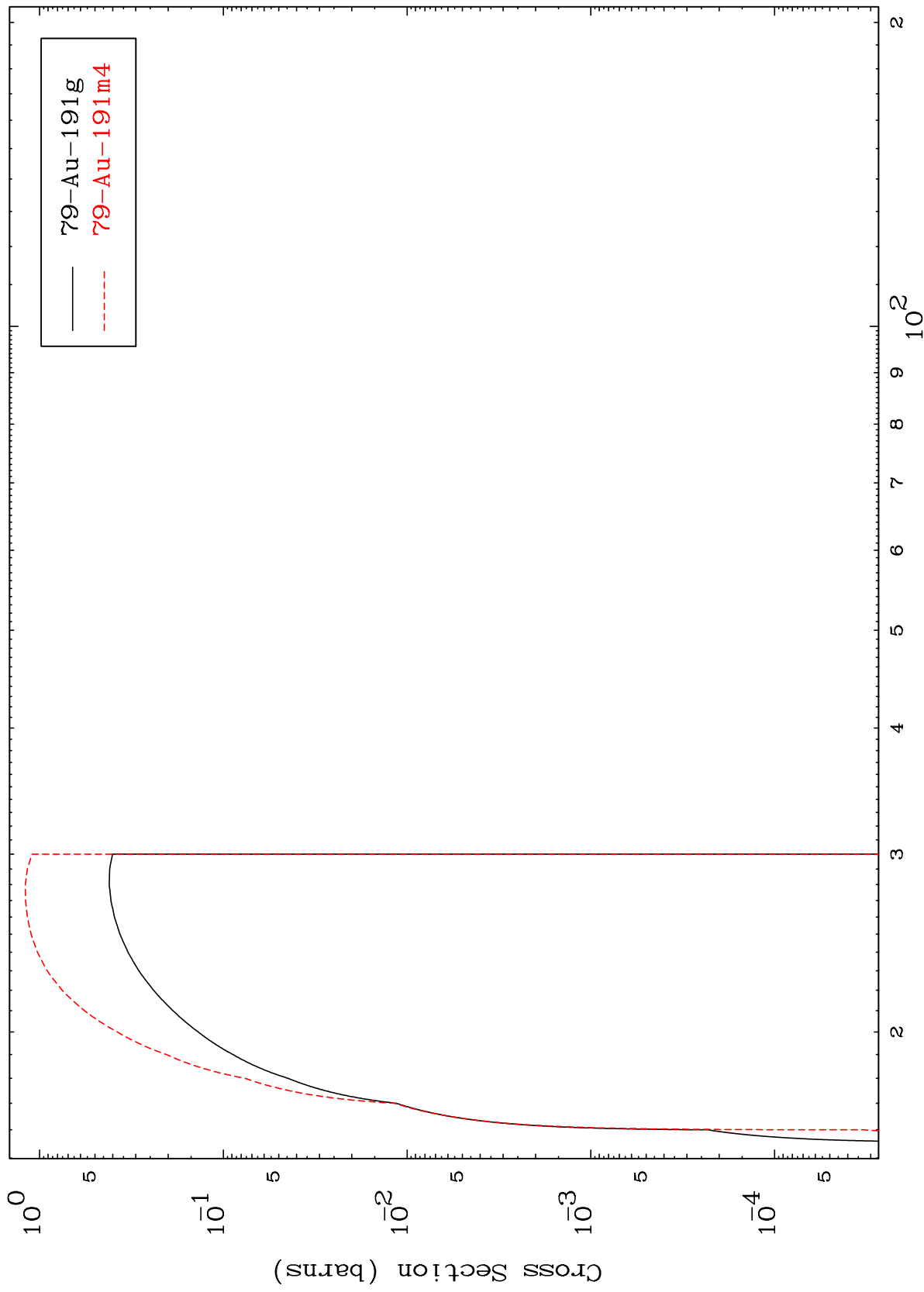
Incident Energy (MeV)

19

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<sup>79</sup>Au-193m

(n,3n)  
Radionuclide Production Cross Section



20

Incident Energy (MeV)

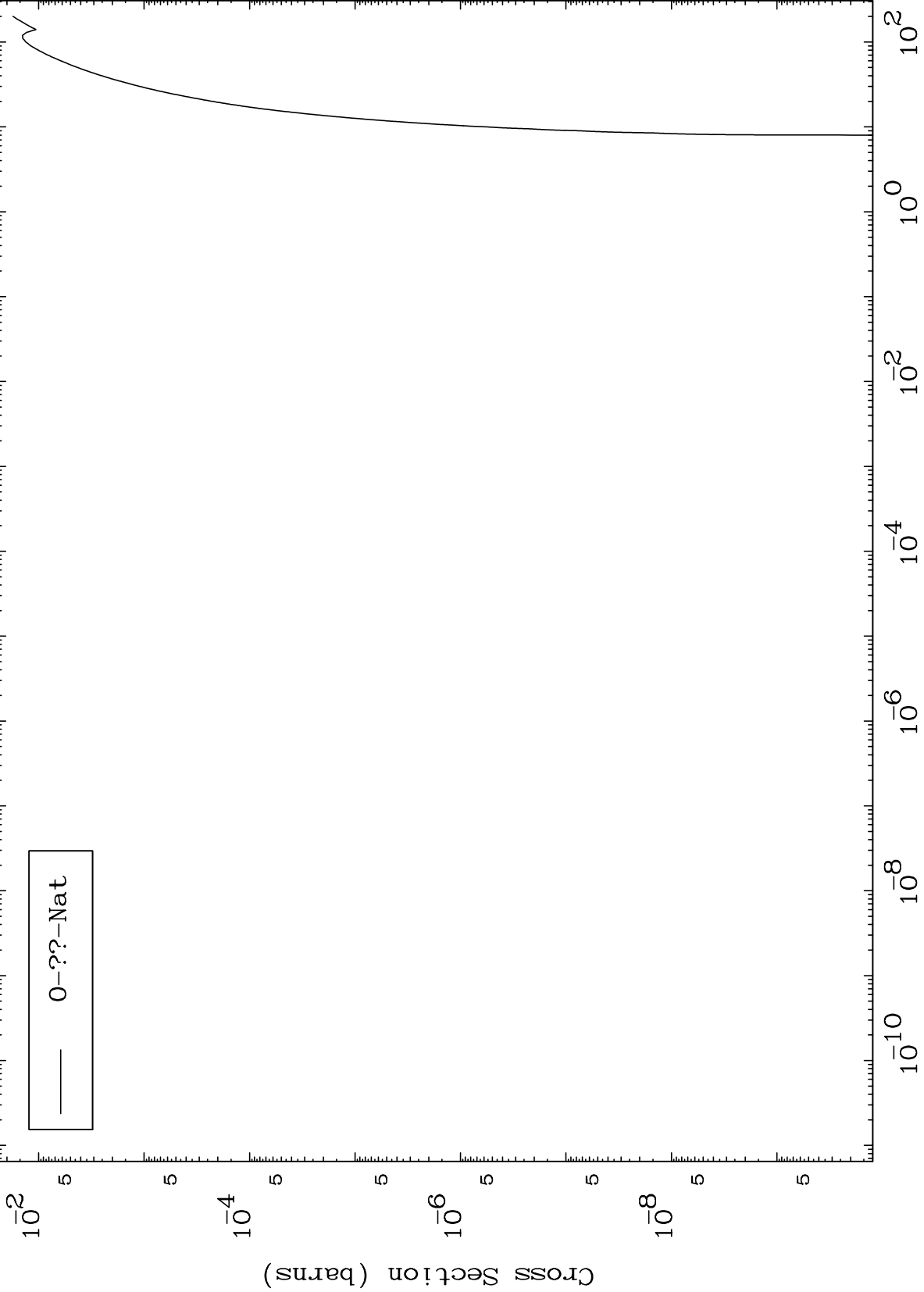
<sup>79</sup>Au-193m

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Fission

<sup>79</sup>Au-193m

Radionuclide Production Cross Section

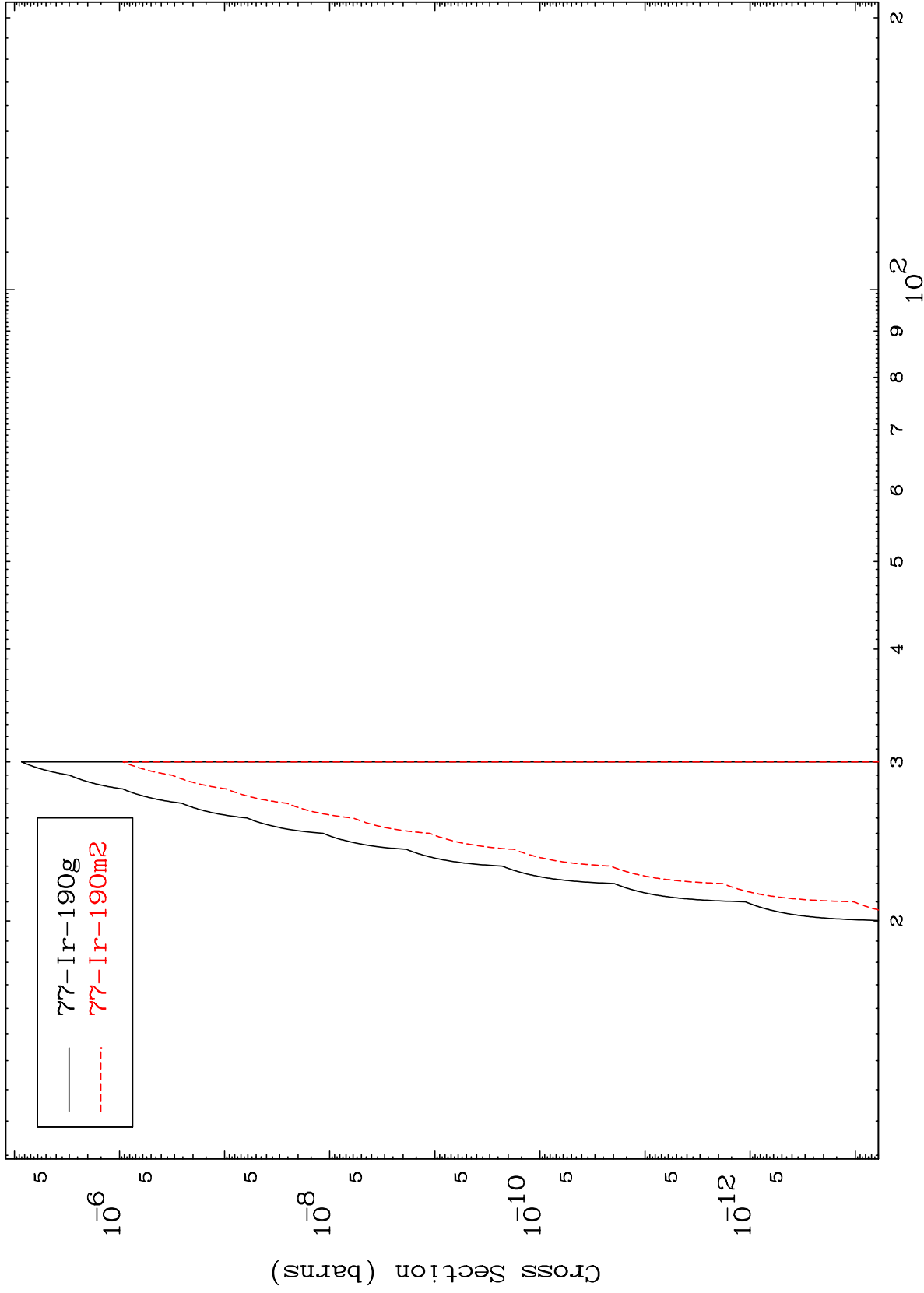


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(n,n') He-3

79-Au-193m

Radionuclide Production Cross Section



79-Au-193m

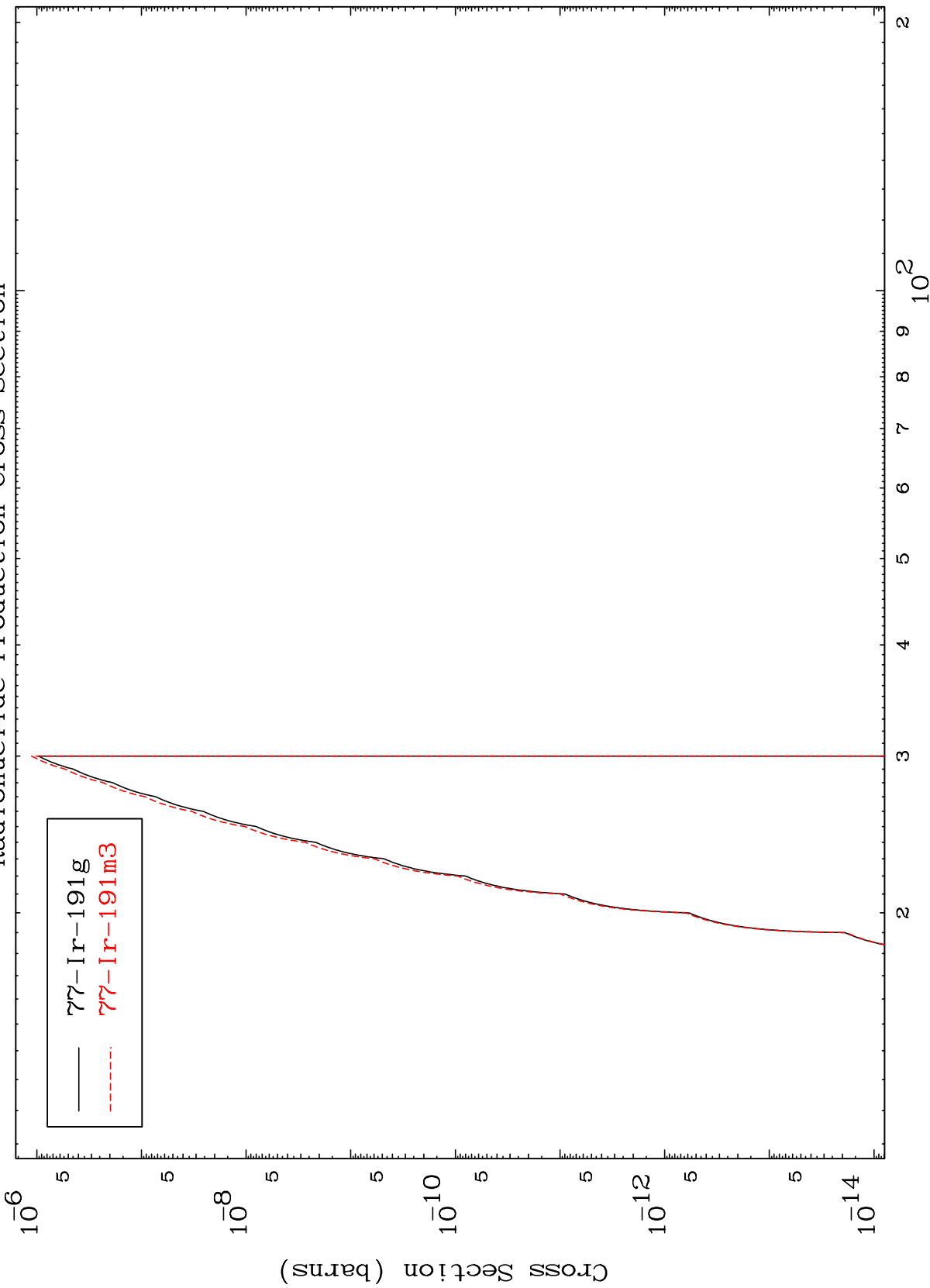
22

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(n,2n) p

<sup>79</sup>Au-193m

Radionuclide Production Cross Section



— <sup>77</sup>Ir-191g  
- - - <sup>77</sup>Ir-191m3

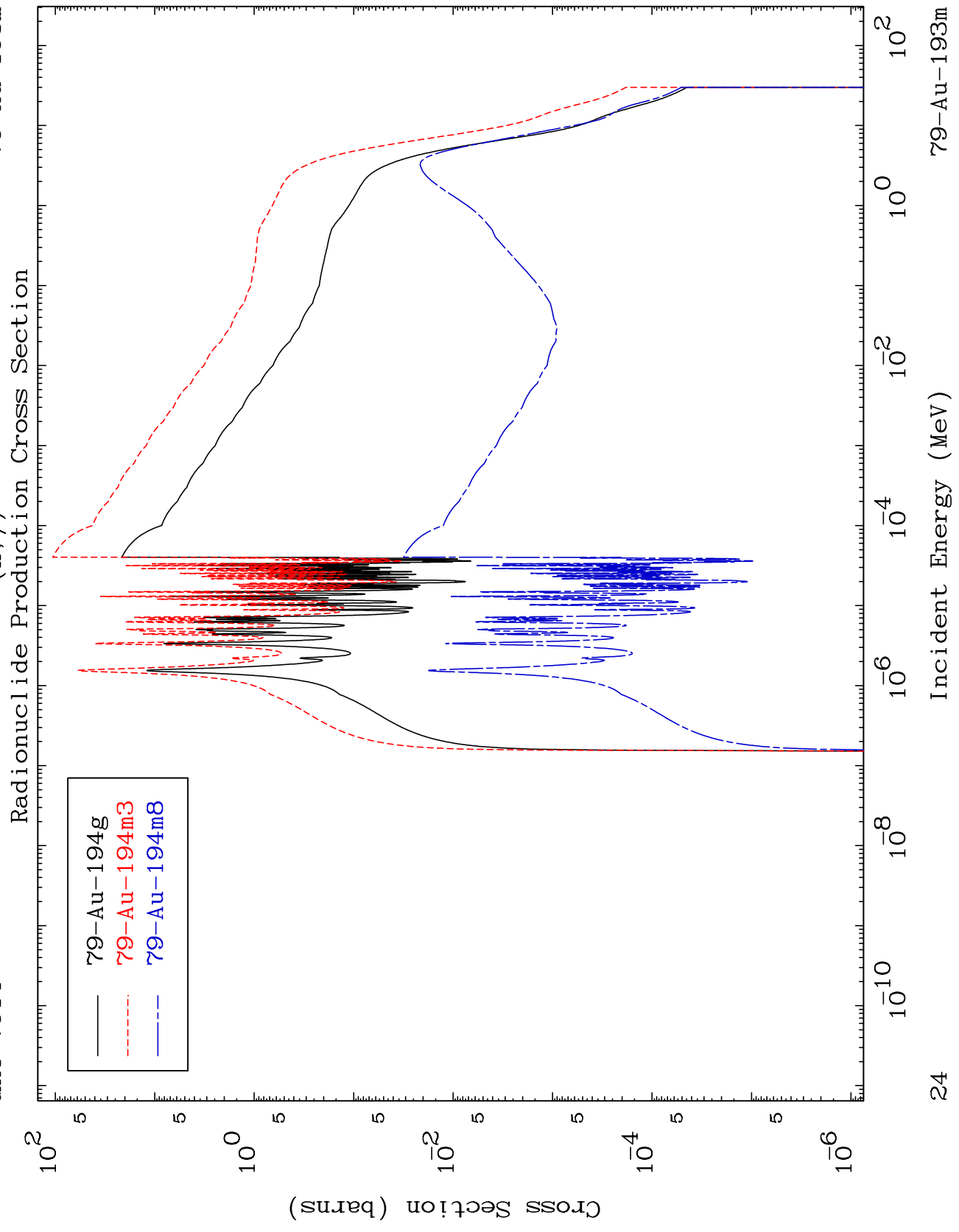
Incident Energy (MeV)

<sup>79</sup>Au-193m



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$^{79}\text{Au-193m}$

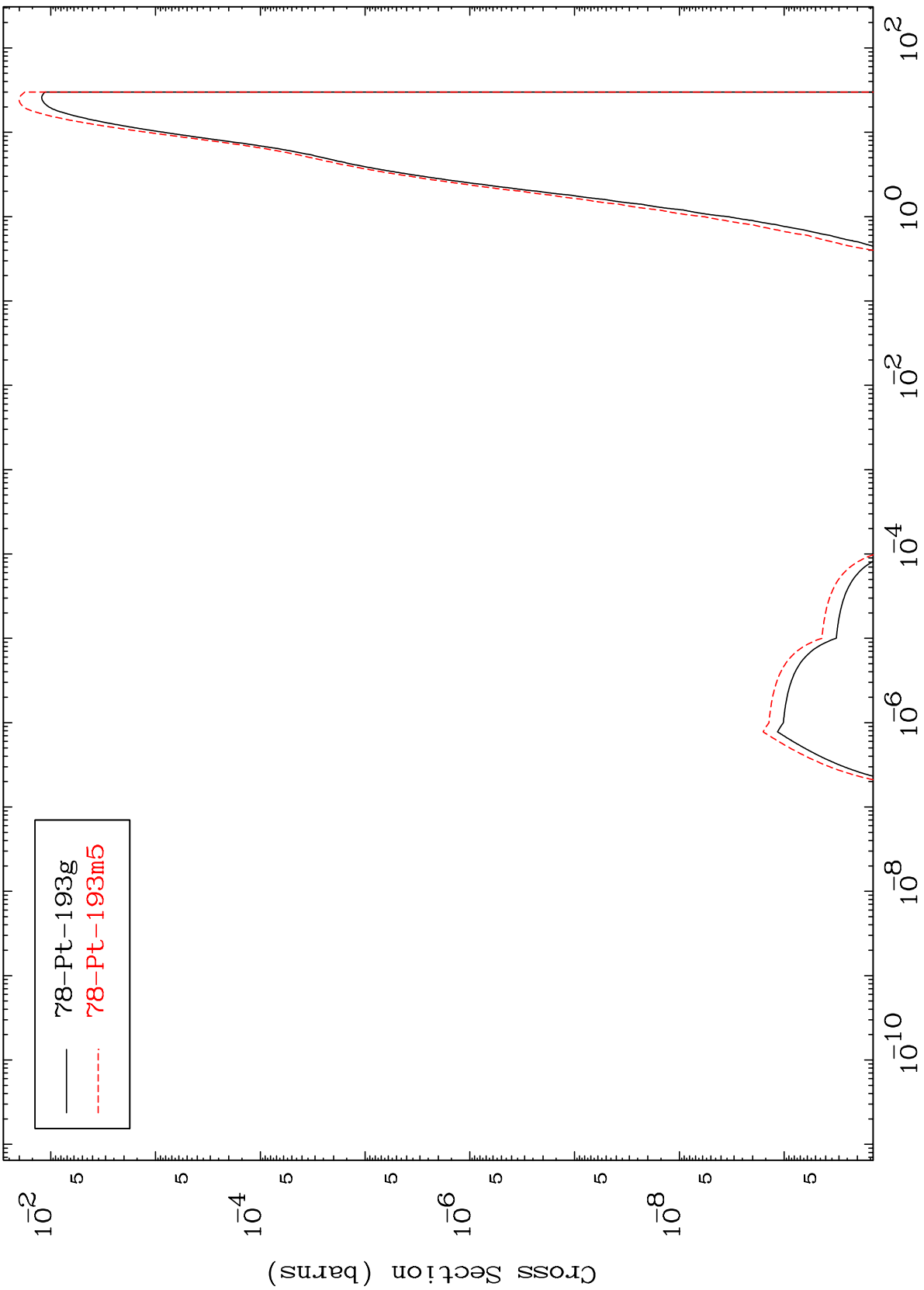


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(n,p)

<sup>79</sup>Au-193m

Radionuclide Production Cross Section



— 78-Pt-193g  
- - - 78-Pt-193m5

Incident Energy (MeV)

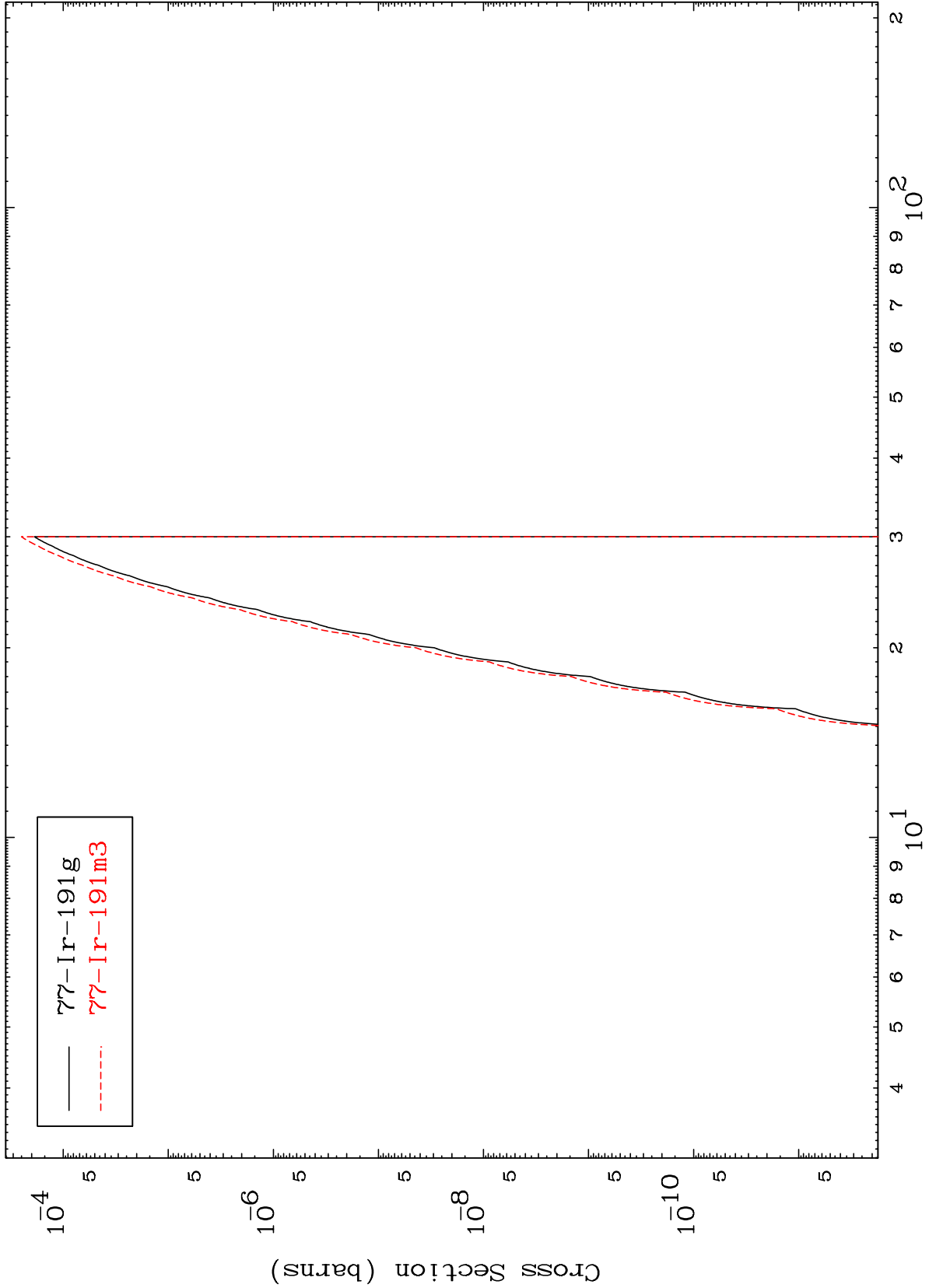
<sup>79</sup>Au-193m

MAT 7914

(n,He-3)

<sup>79</sup>Au-193m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

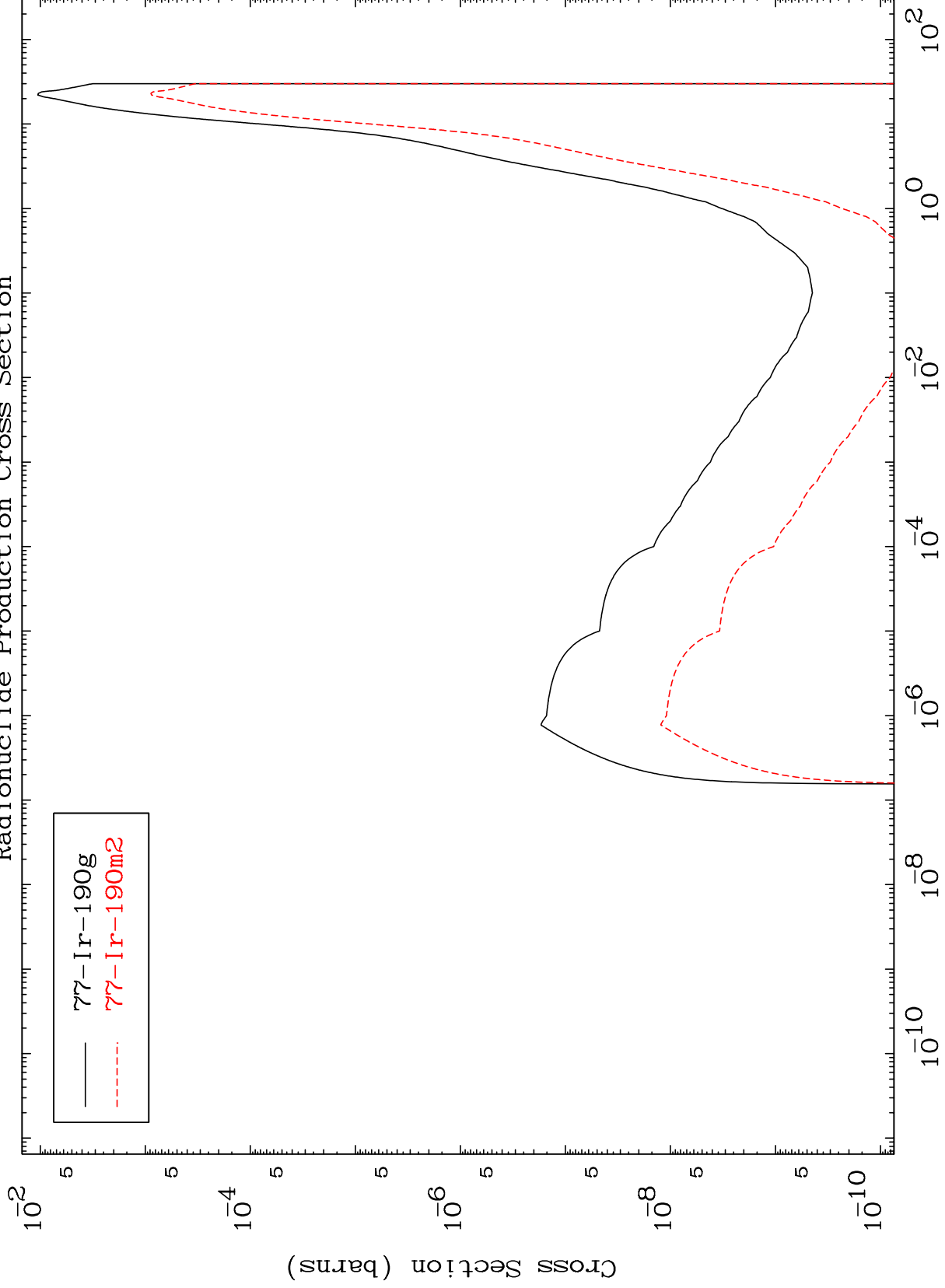
<sup>79</sup>Au-193m

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(n,  $\alpha$ )

<sup>79</sup>Au-193m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

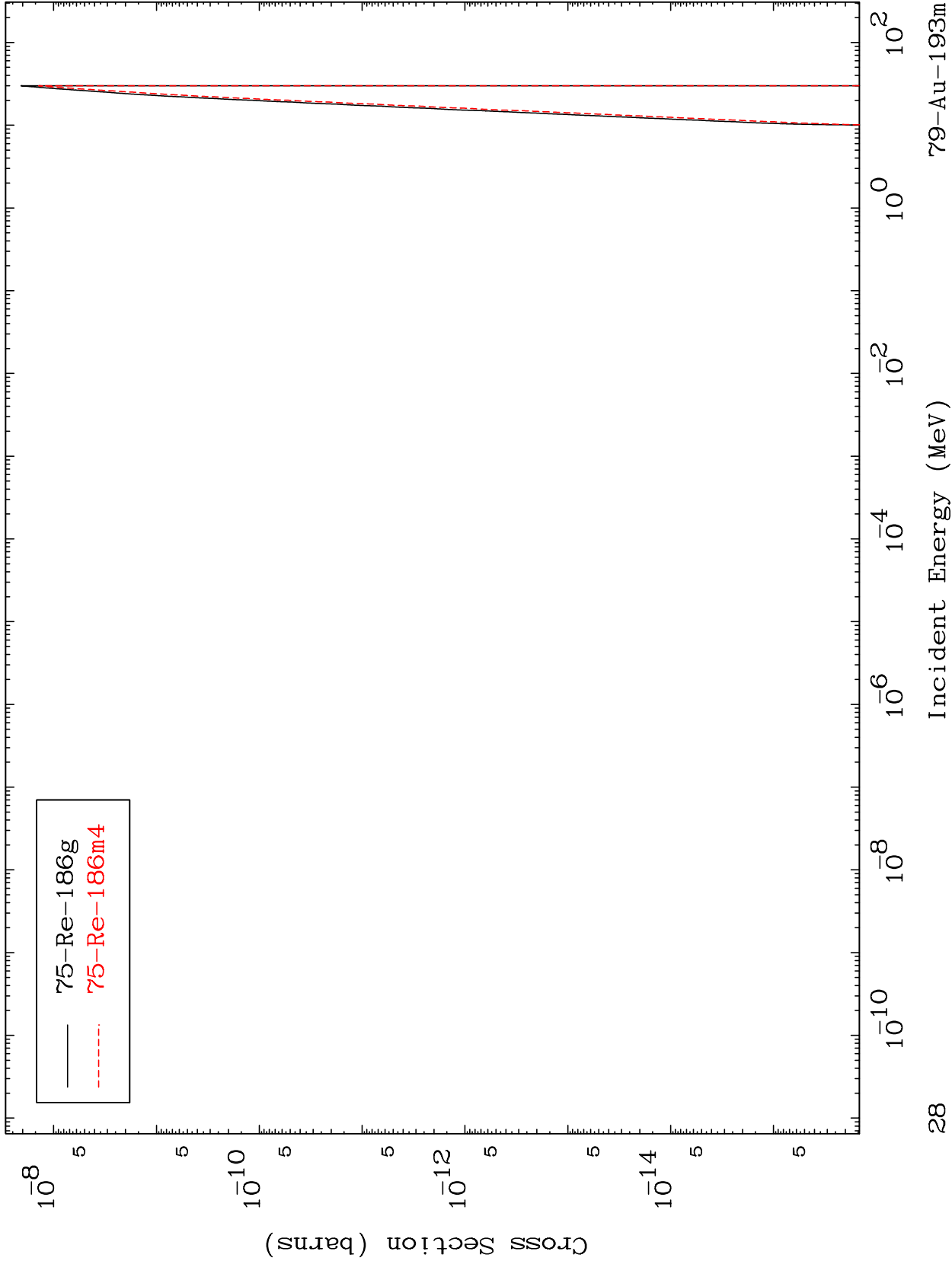
<sup>79</sup>Au-193m

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(n,2α)

<sup>79</sup>Au-193m

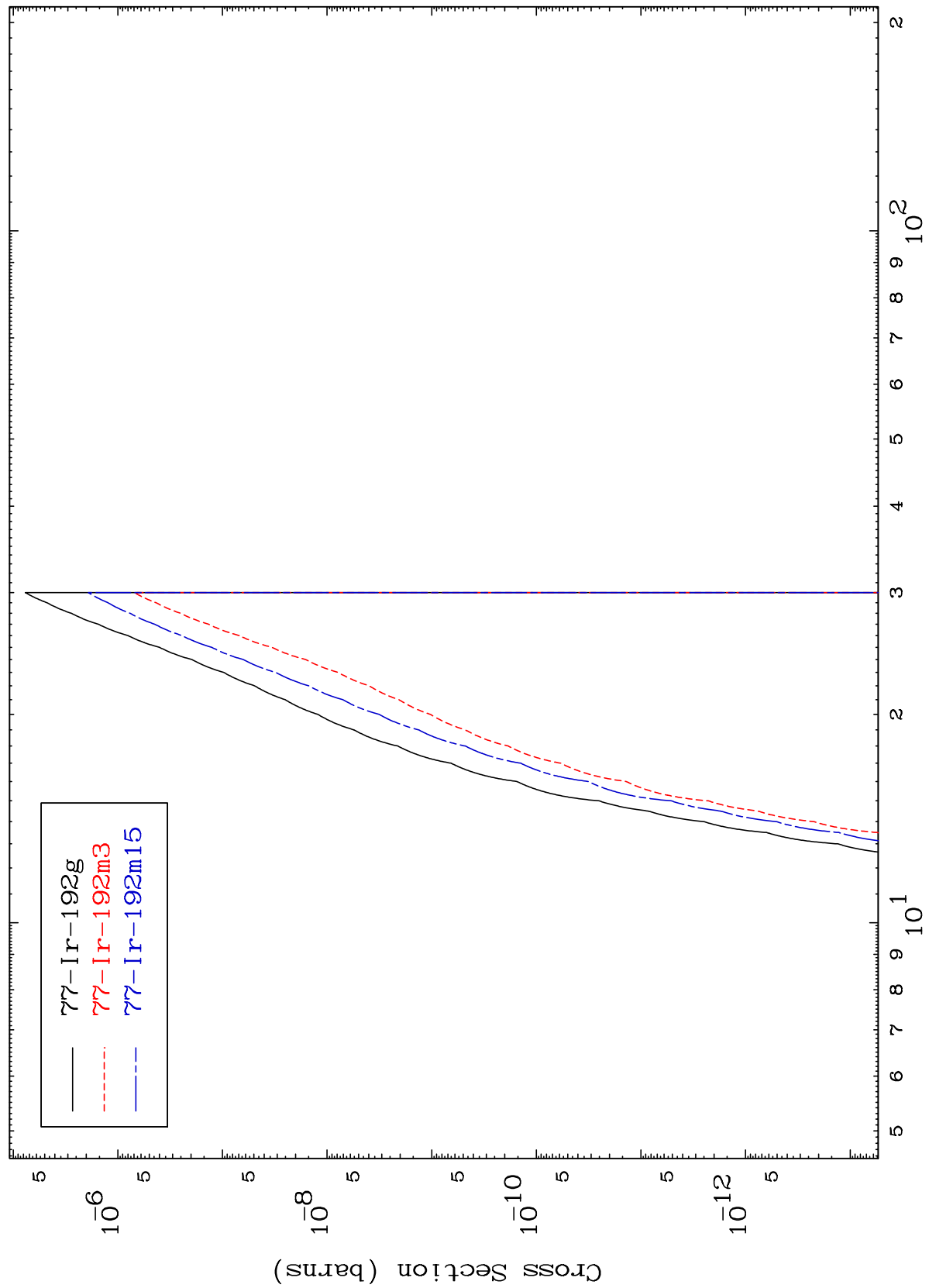
Radionuclide Production Cross Section



MAT 7914

79-Au-193m

(n,2p)  
Radionuclide Production Cross Section



29

Incident Energy (MeV)

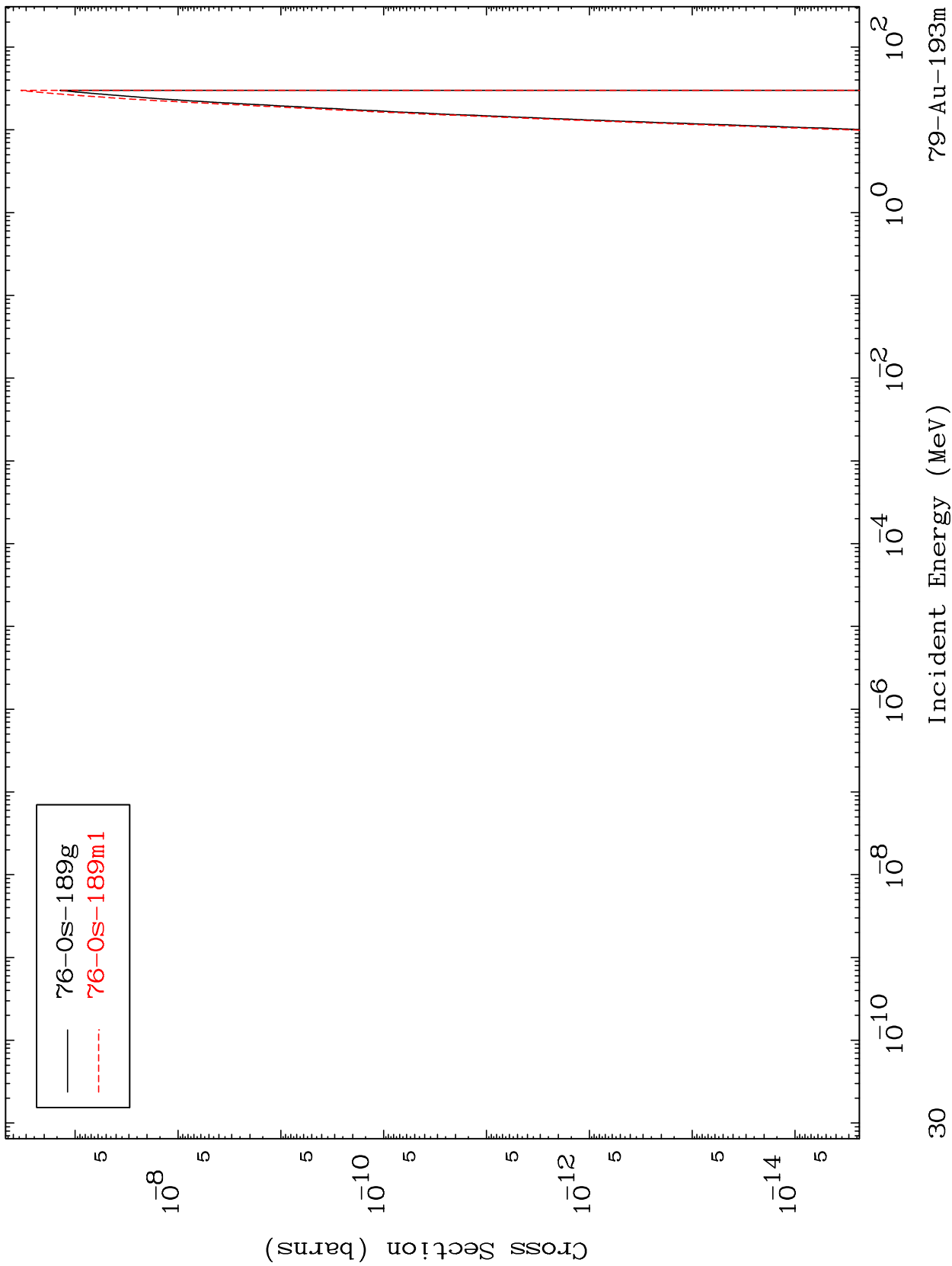
79-Au-193m

MAT 7914

(n,p)  $\alpha$

<sup>79</sup>Au-193m

Radionuclide Production Cross Section

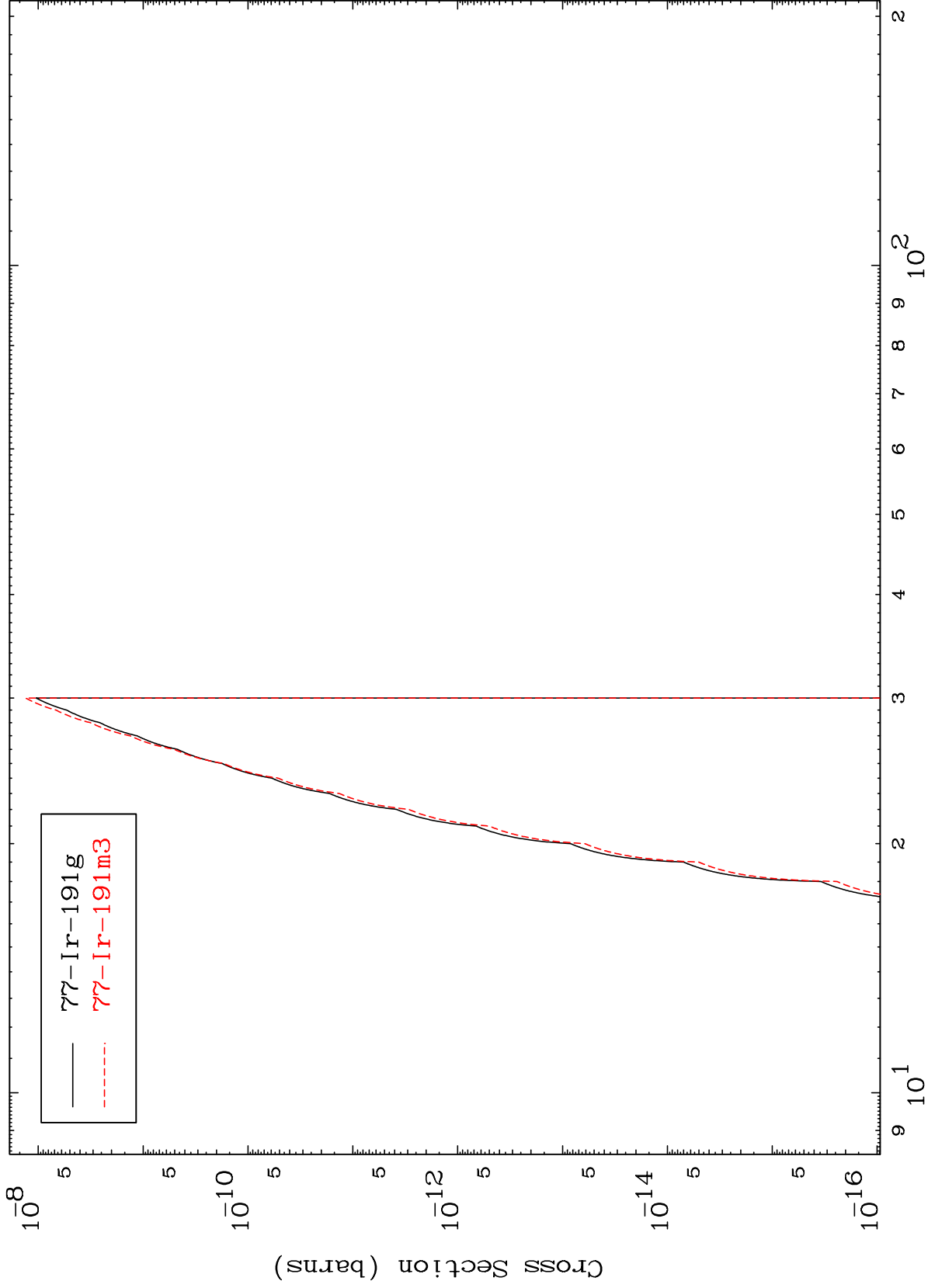


MAT 7914

(n,p) d

<sup>79</sup>Au-193m

Radionuclide Production Cross Section



— <sup>77</sup>Ir-191g  
- - - <sup>77</sup>Ir-191m3

31

Incident Energy (MeV)

<sup>79</sup>Au-193m

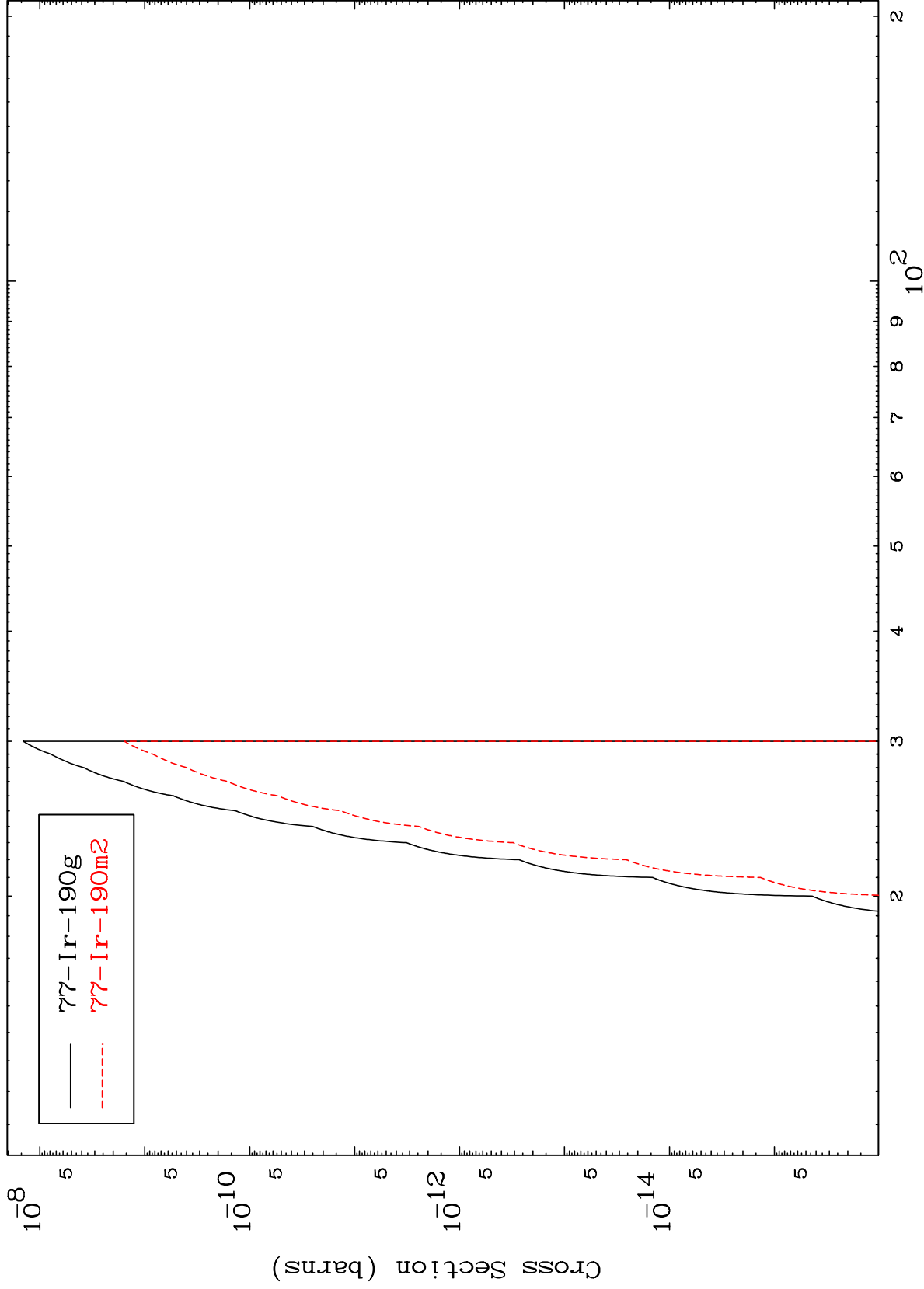


MAT 7914

(n,p) t

<sup>79</sup>Au-193m

Radionuclide Production Cross Section



Incident Energy (MeV)

<sup>79</sup>Au-193m

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