

Program EVALPLOT  
(Version 2018-1)

by

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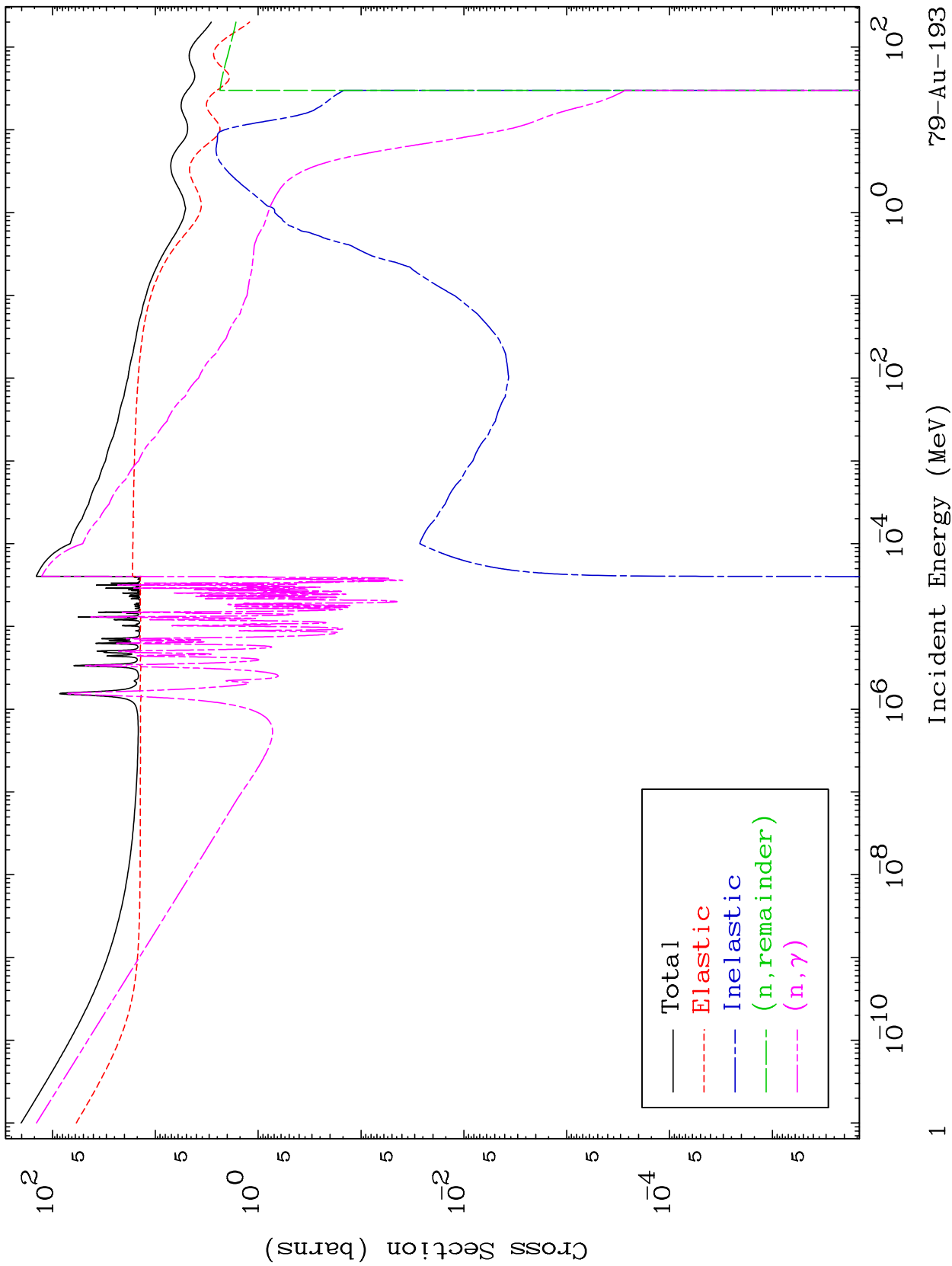
Press Mouse Button to Start

MAT 7914

Major

79-Au-193

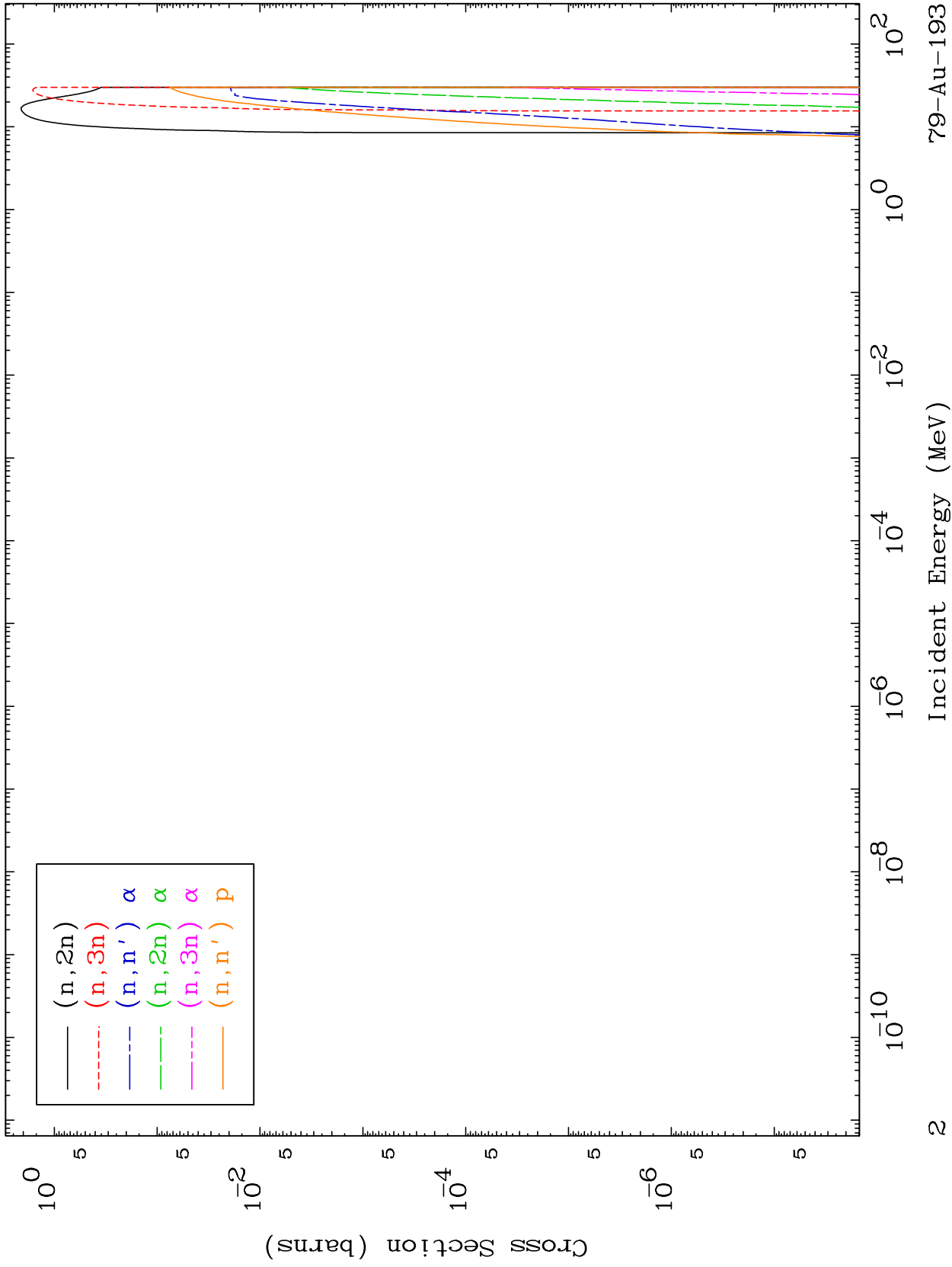
293 Kelvin Cross Sections

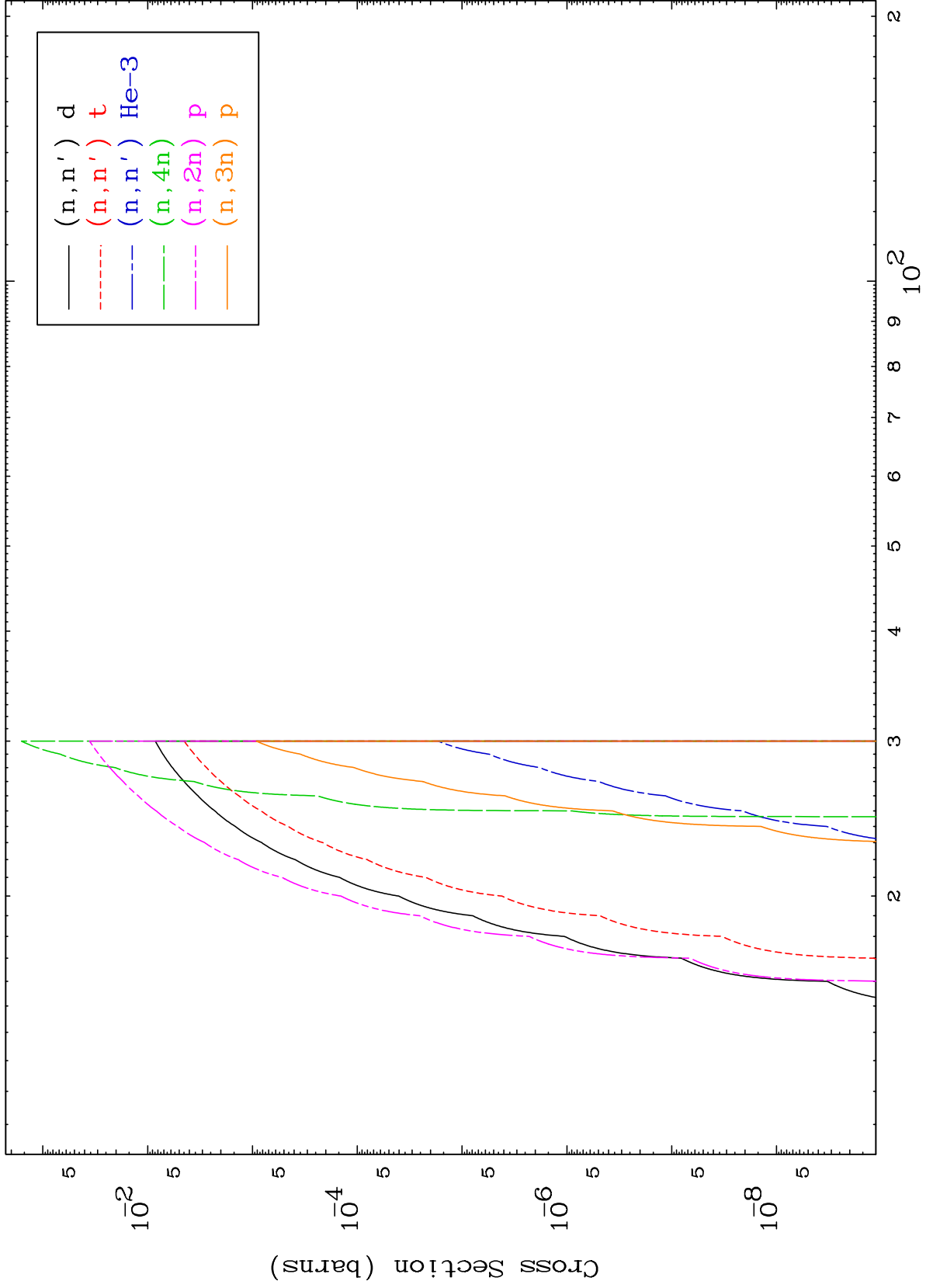


MAT 7914

Neutron Production  
293 Kelvin Cross Sections

79-Au-193

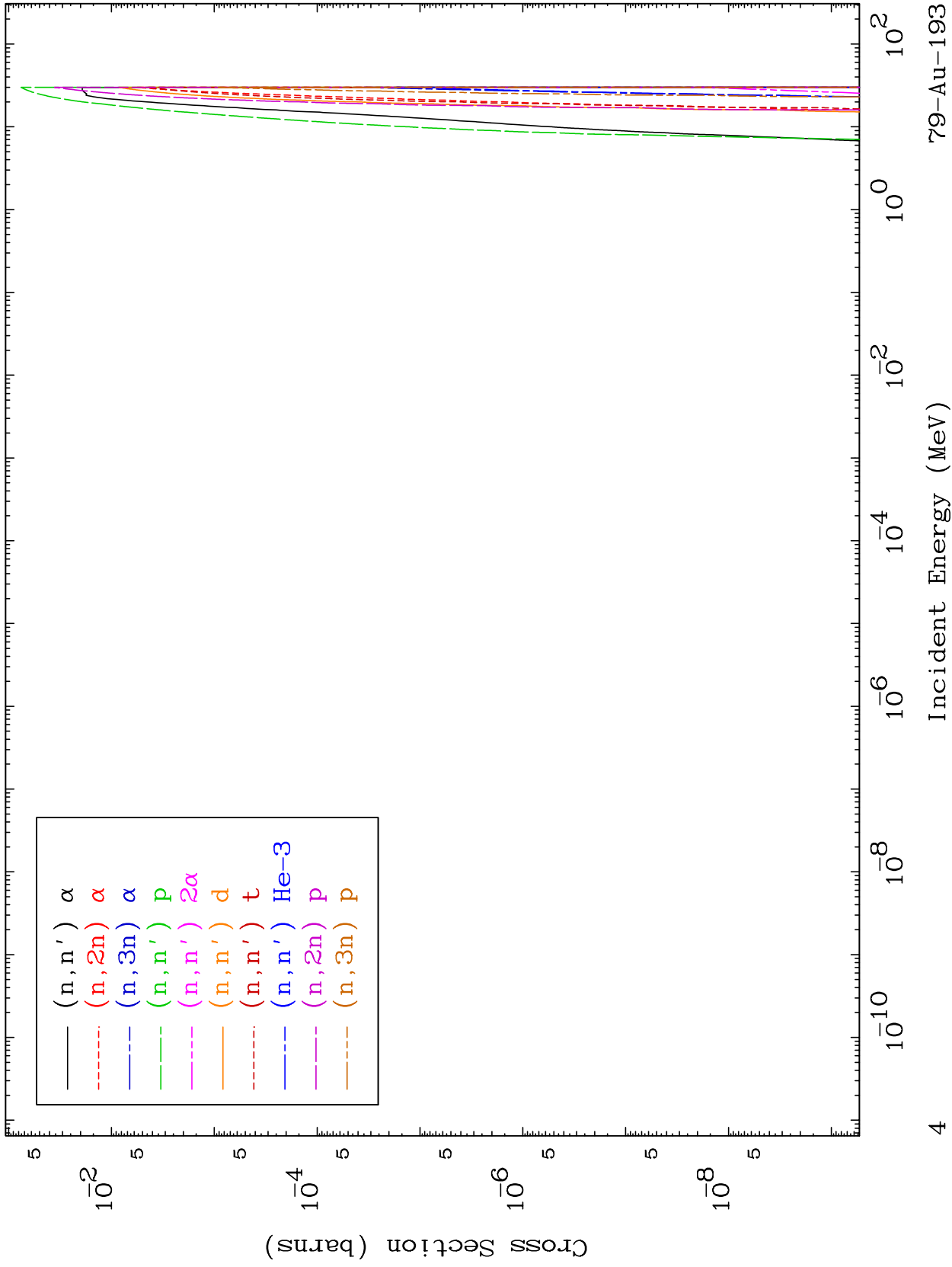




MAT 7914

Charged Particle  
293 Kelvin Cross Sections

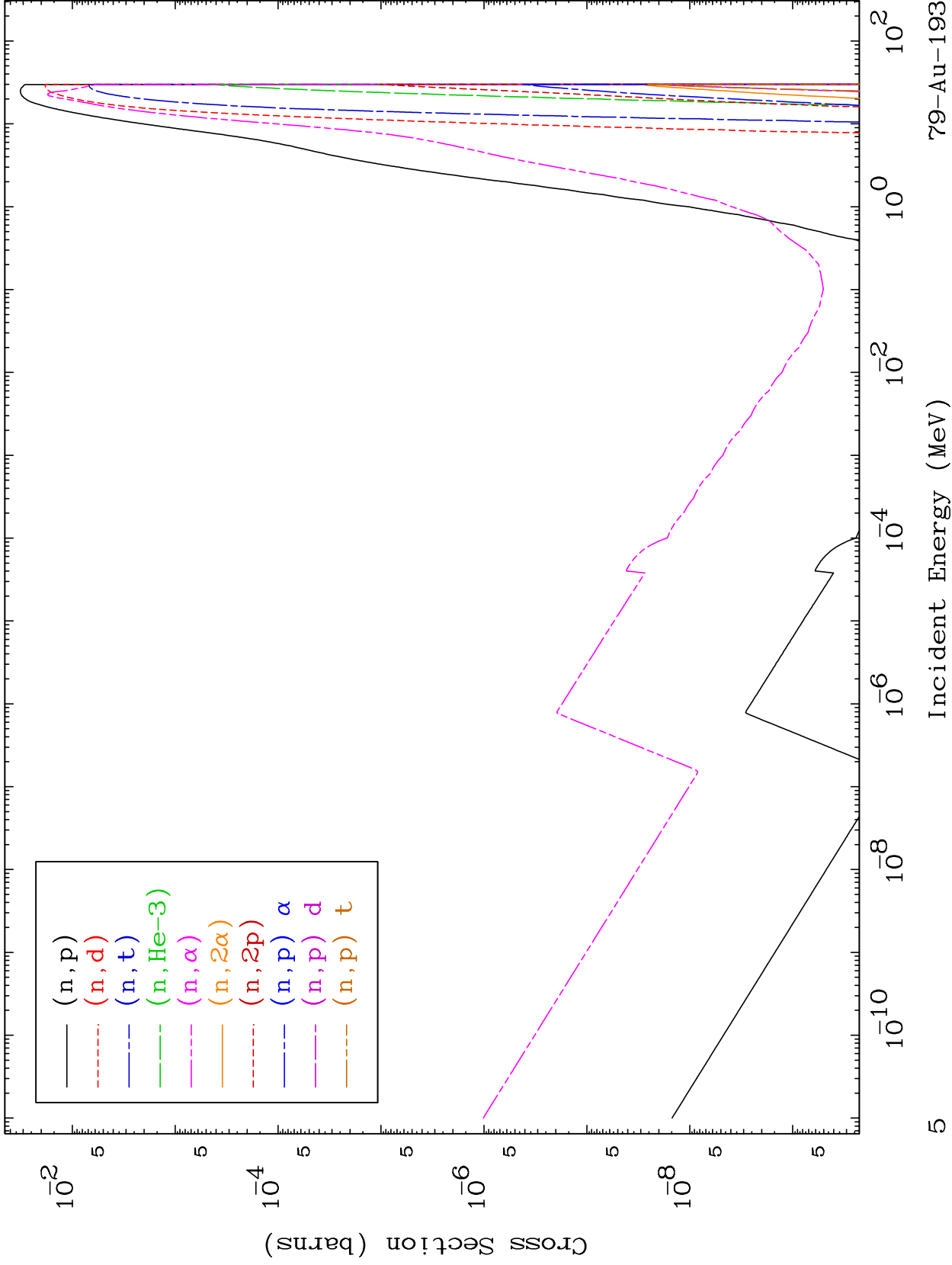
79-Au-193



MAT 7914

Charged Particle  
293 Kelvin Cross Sections

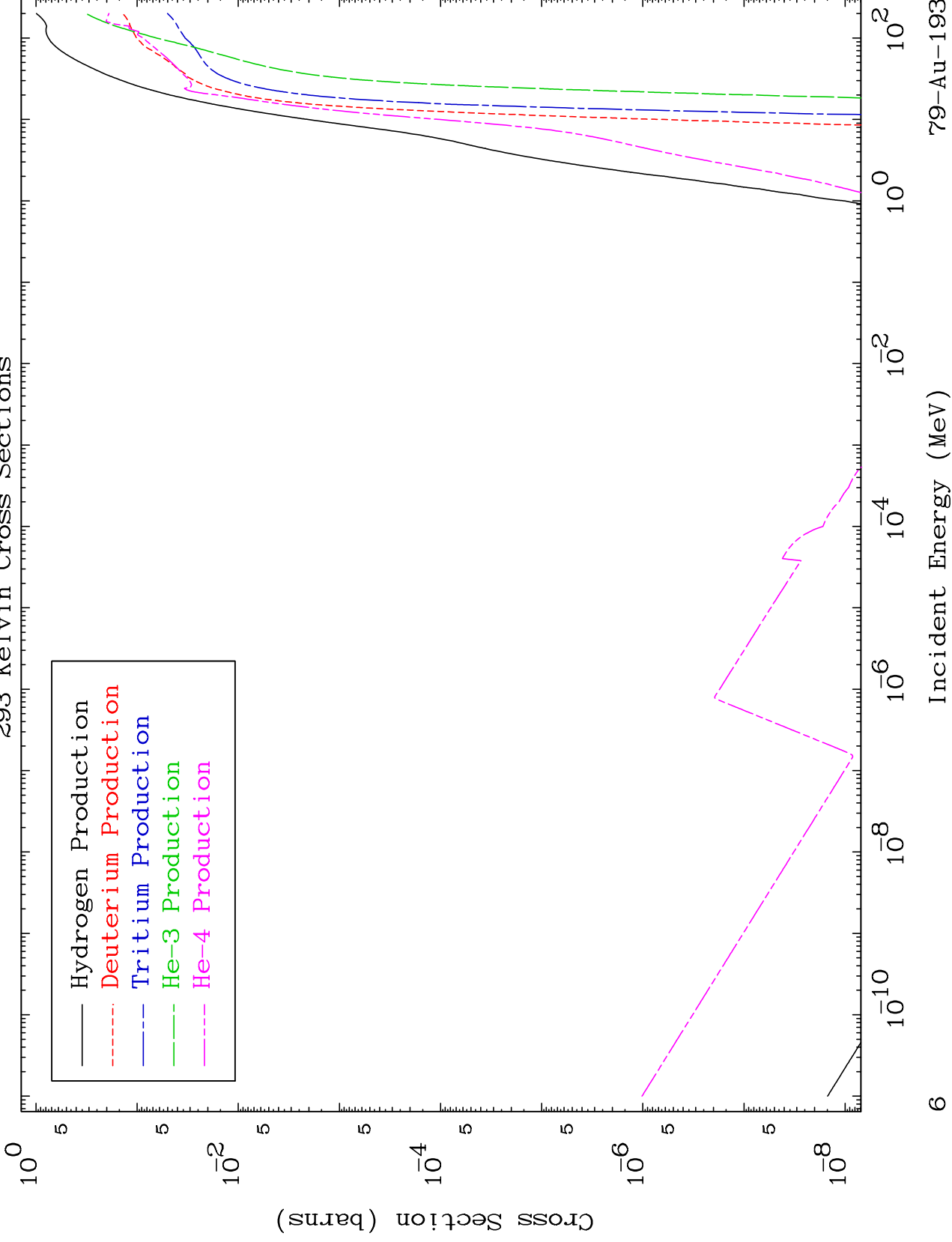
79-Au-193



MAT 7914

Particle Production  
293 Kelvin Cross Sections

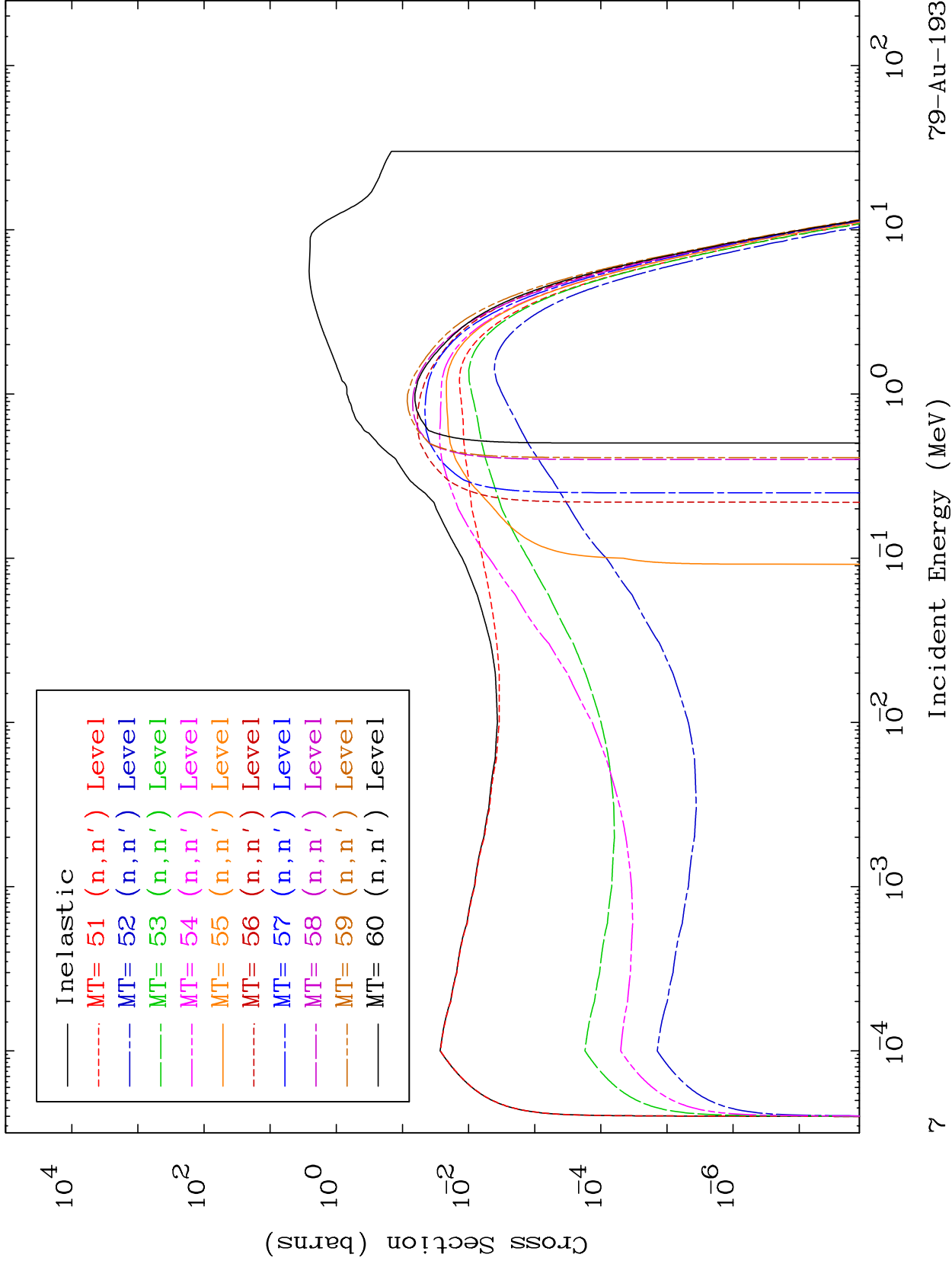
79-Au-193



MAT 7914

(n,n') Level  
293 Kelvin Cross Sections

79-Au-193



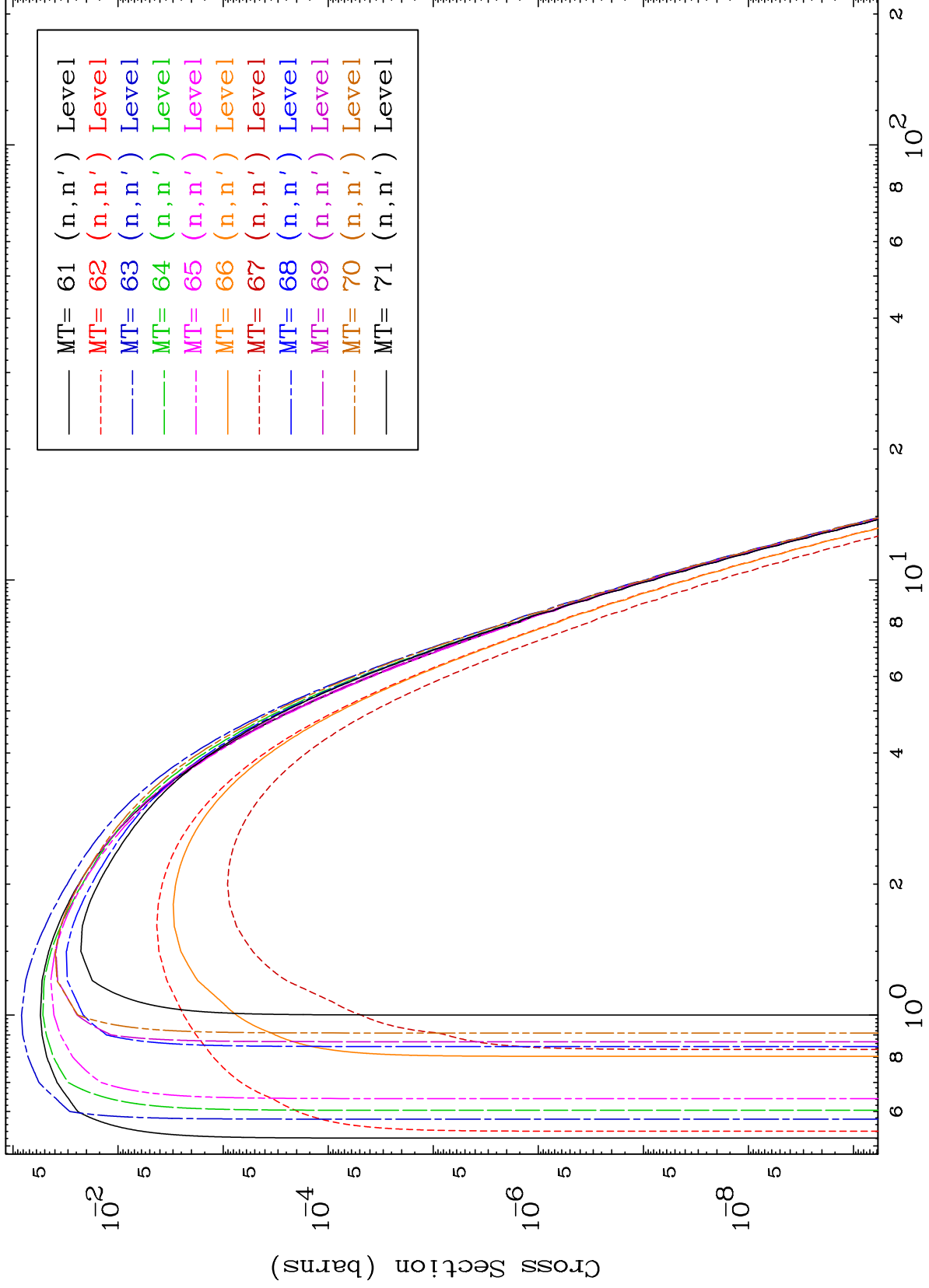


MAT 7914

(n,n') Level

79-Au-193

293 Kelvin Cross Sections



8

Incident Energy (MeV)

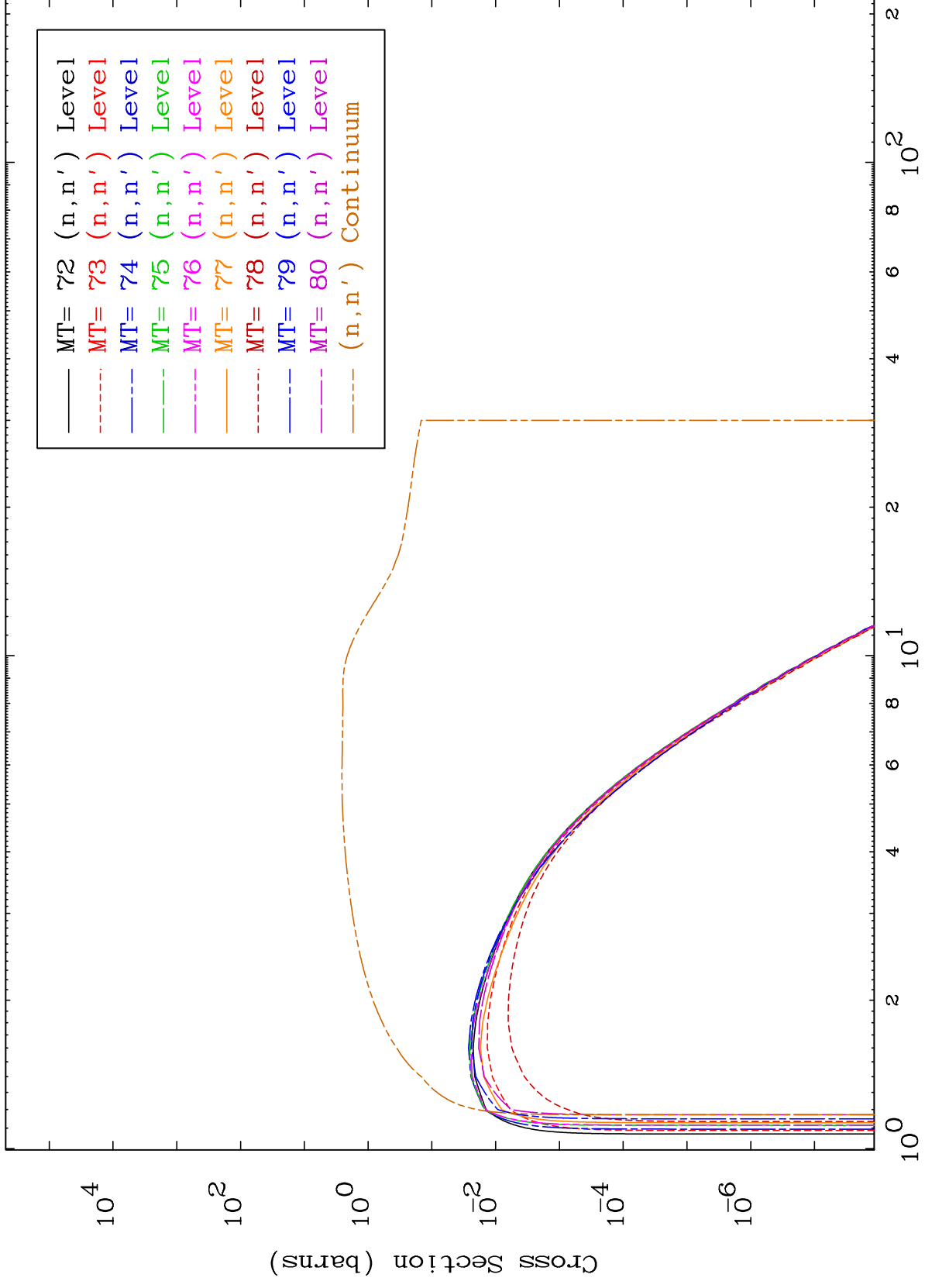
79-Au-193

MAT 7914

(n,n') Level

79-Au-193

293 Kelvins Cross Sections



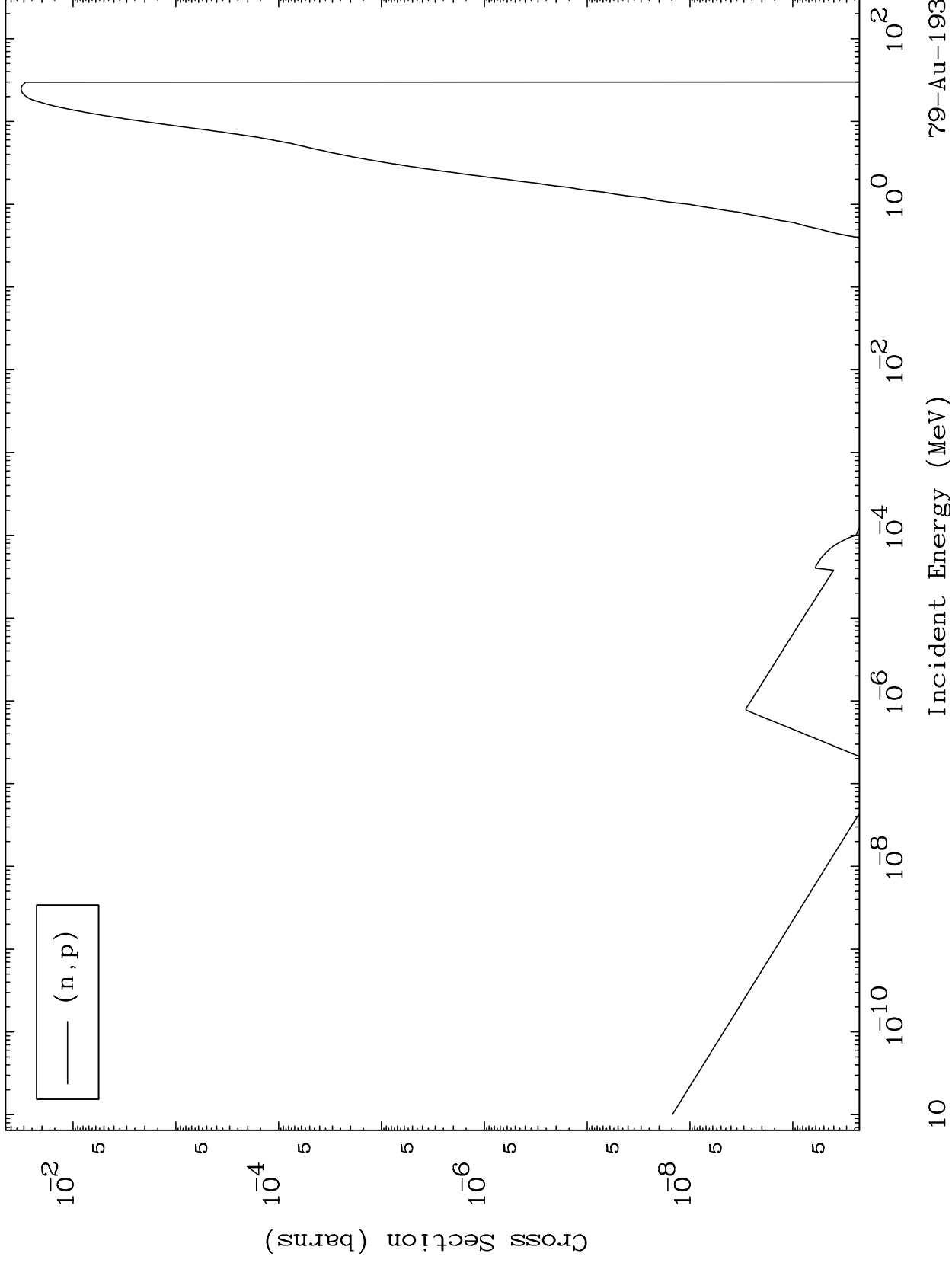
Incident Energy (MeV)

79-Au-193

MAT 7914

(n,p) Levels  
293 Kelvin Cross Sections

79-Au-193



79-Au-193

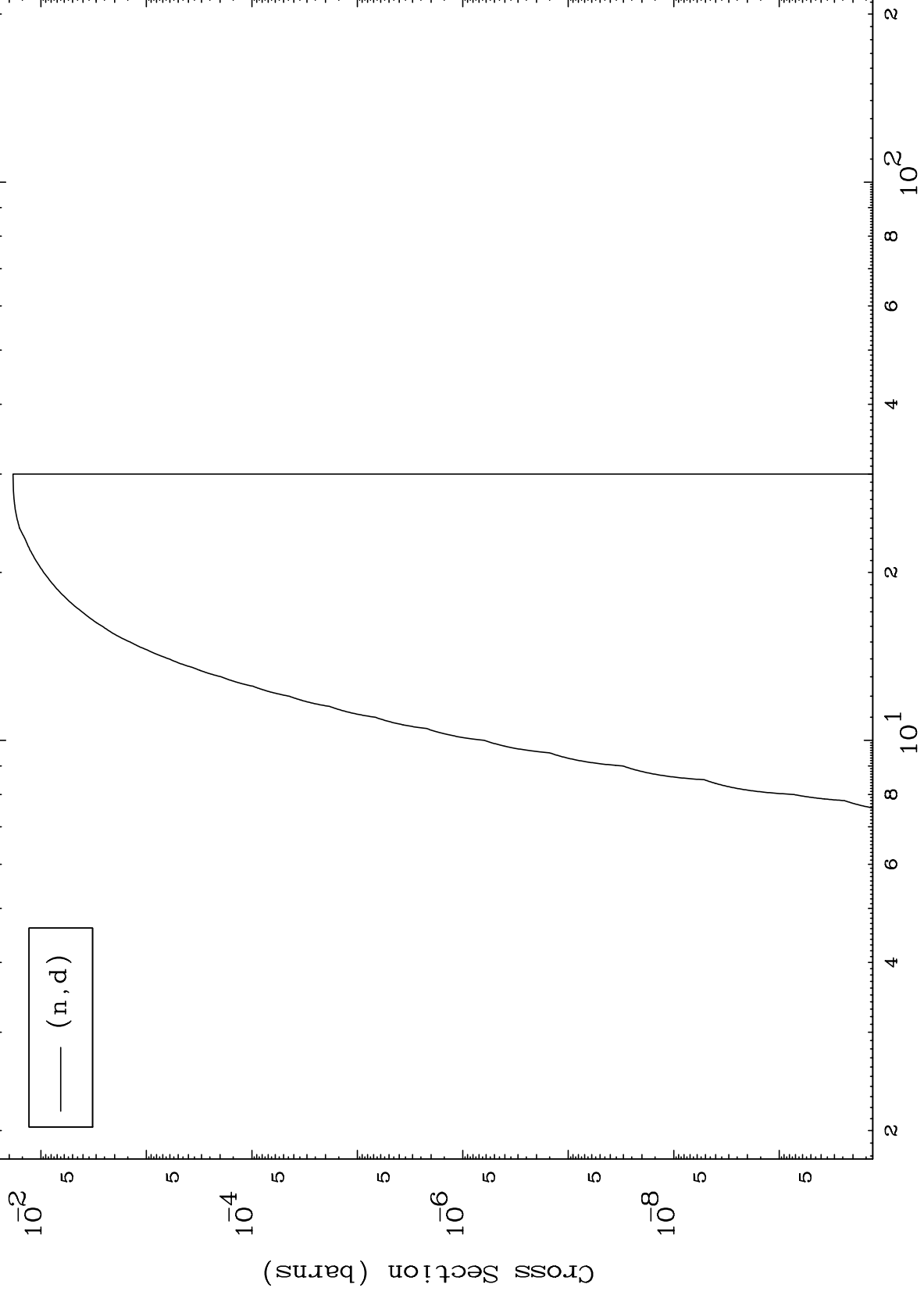
Incident Energy (MeV)

10

MAT 7914

(n,d) Levels  
293 Kelvin Cross Sections

79-Au-193

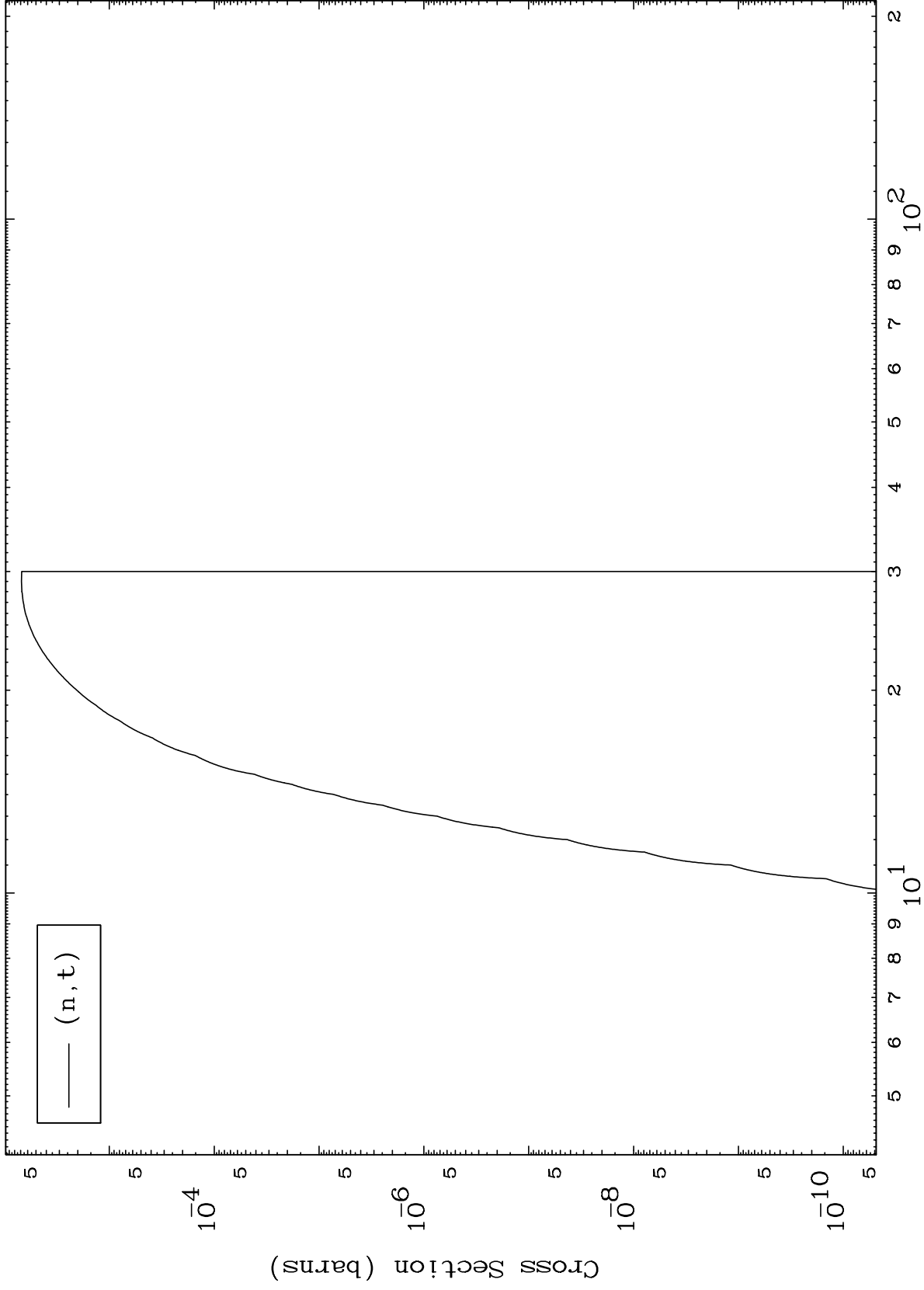


(n,d)

MAT 7914

(n,t) Levels  
293 Kelvin Cross Sections

79-Au-193



12

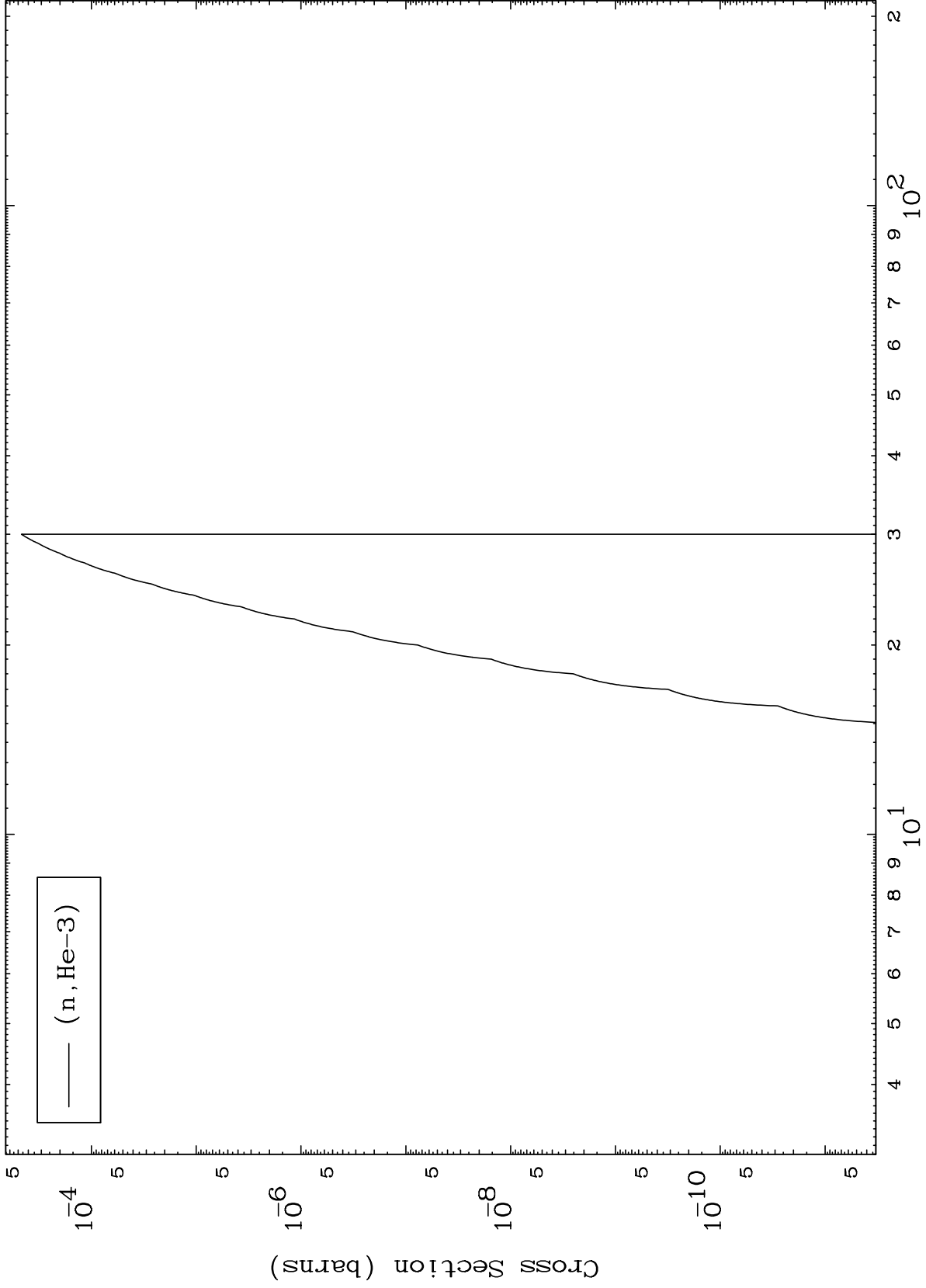
Incident Energy (MeV)

79-Au-193

MAT 7914

(n,He3) Levels  
293 Kelvin Cross Sections

79-Au-193



13

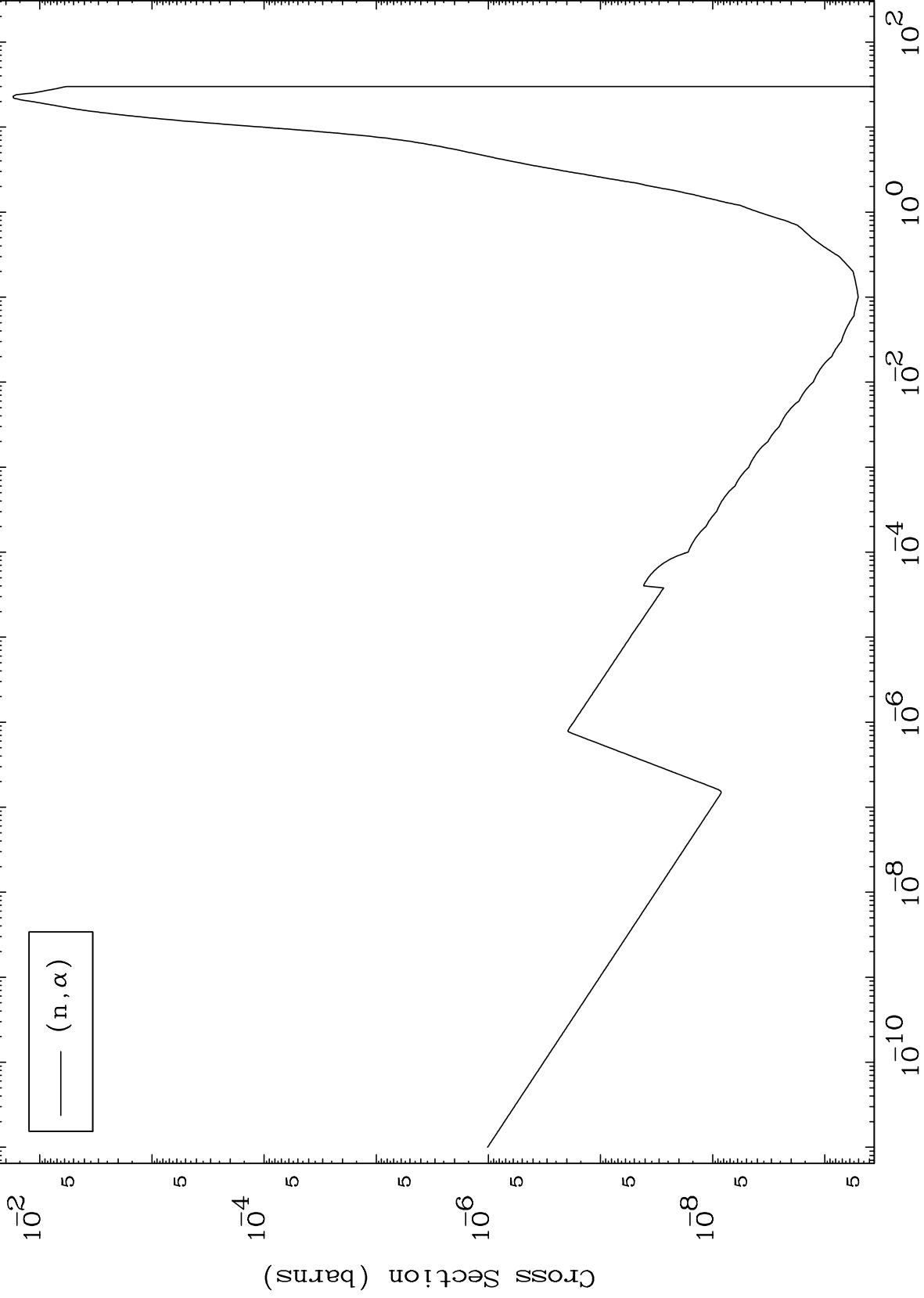
Incident Energy (MeV)

79-Au-193

MAT 7914

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

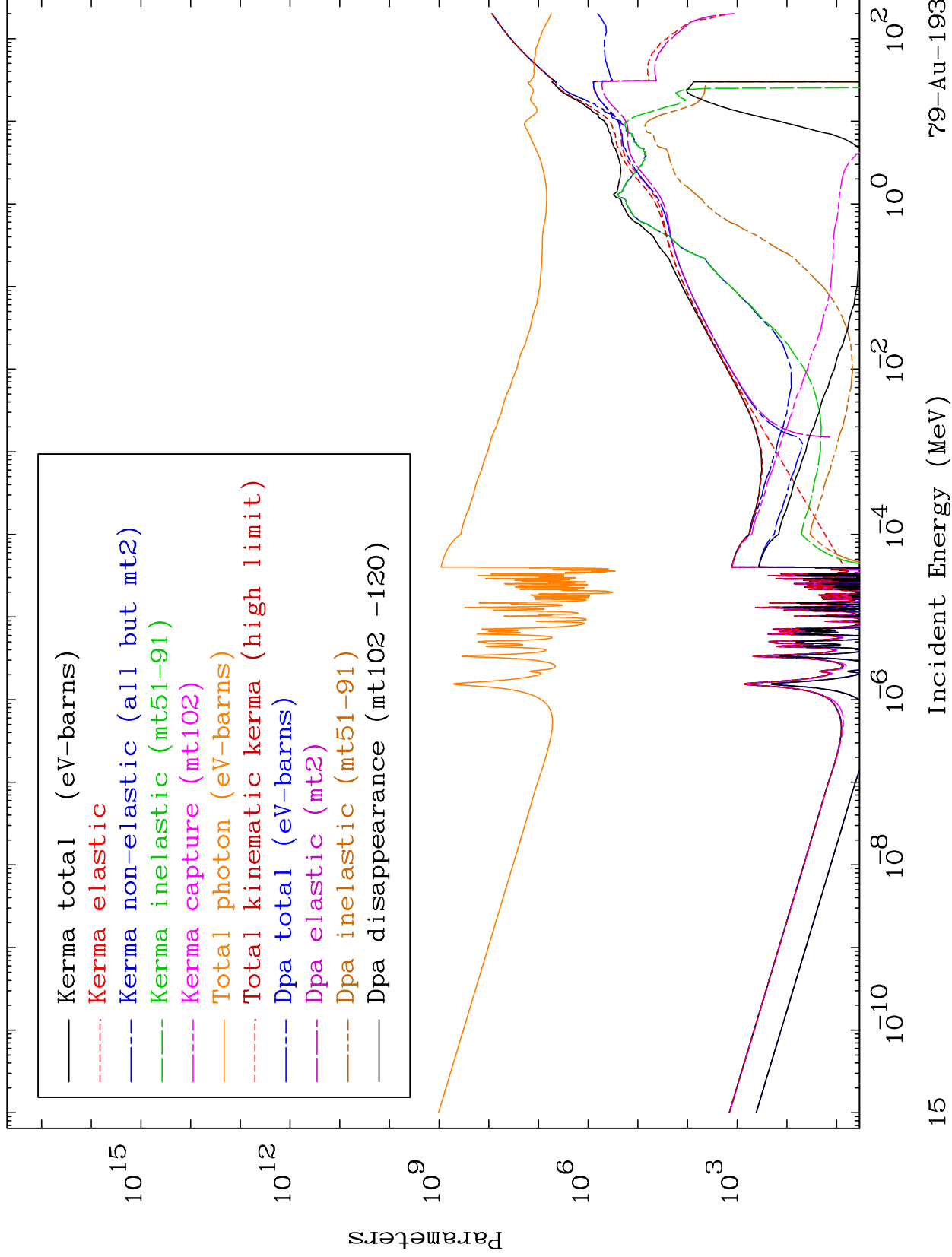
79-Au-193



14

Incident Energy (MeV)

79-Au-193



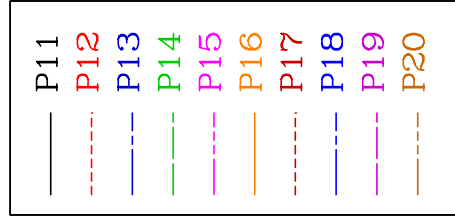




MAT 7914

Elastic  
Legendre Coefficients

79-Au-193



$\times 10^{-4}$

Legendre (CM)

2.5

2.0

1.5

1.0

0.5

0.0

5

10

15

20

25

30

17

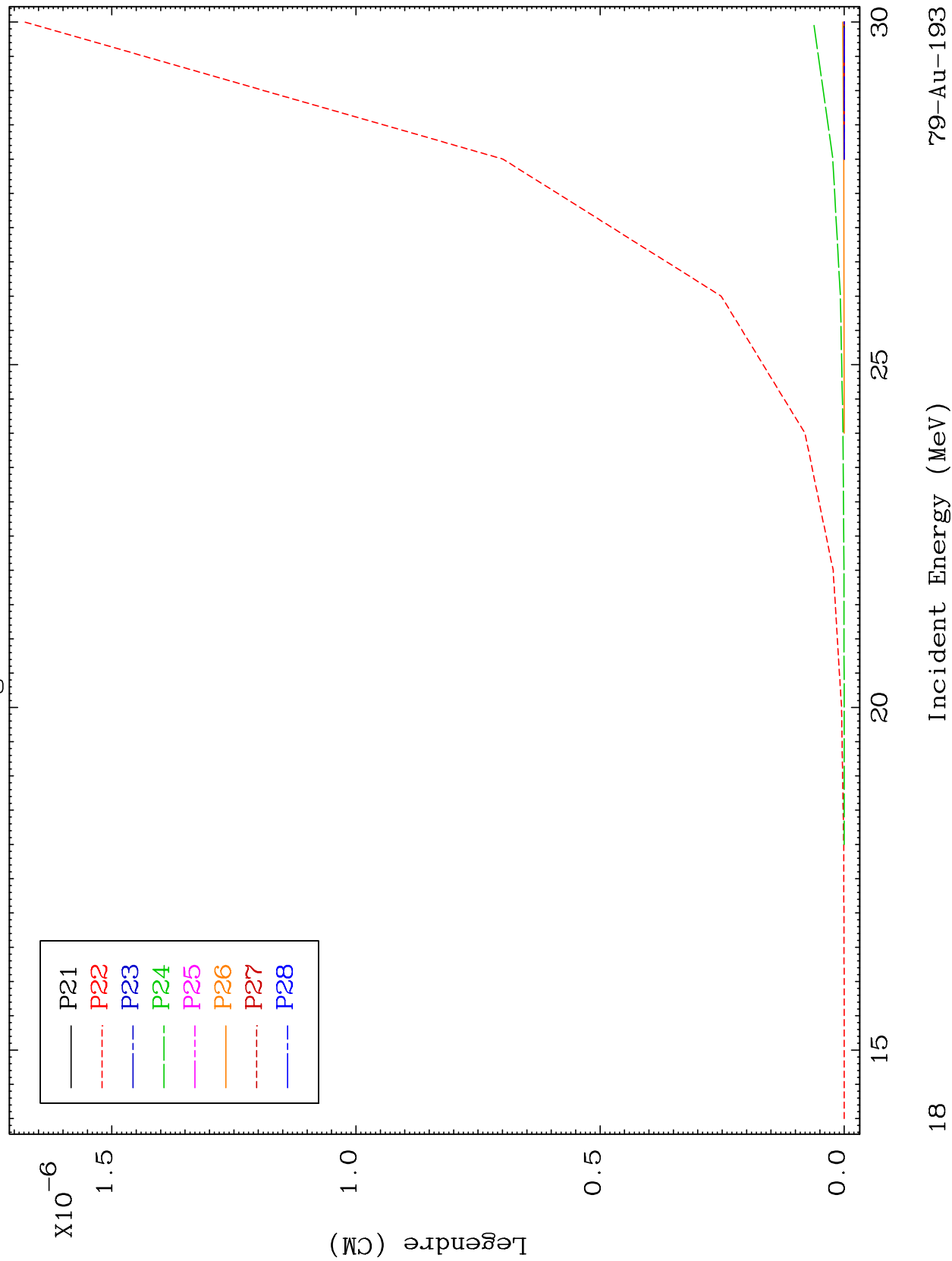
Incident Energy (MeV)

79-Au-193

MAT 7914

Elastic Legendre Coefficients

79-Au-193



18

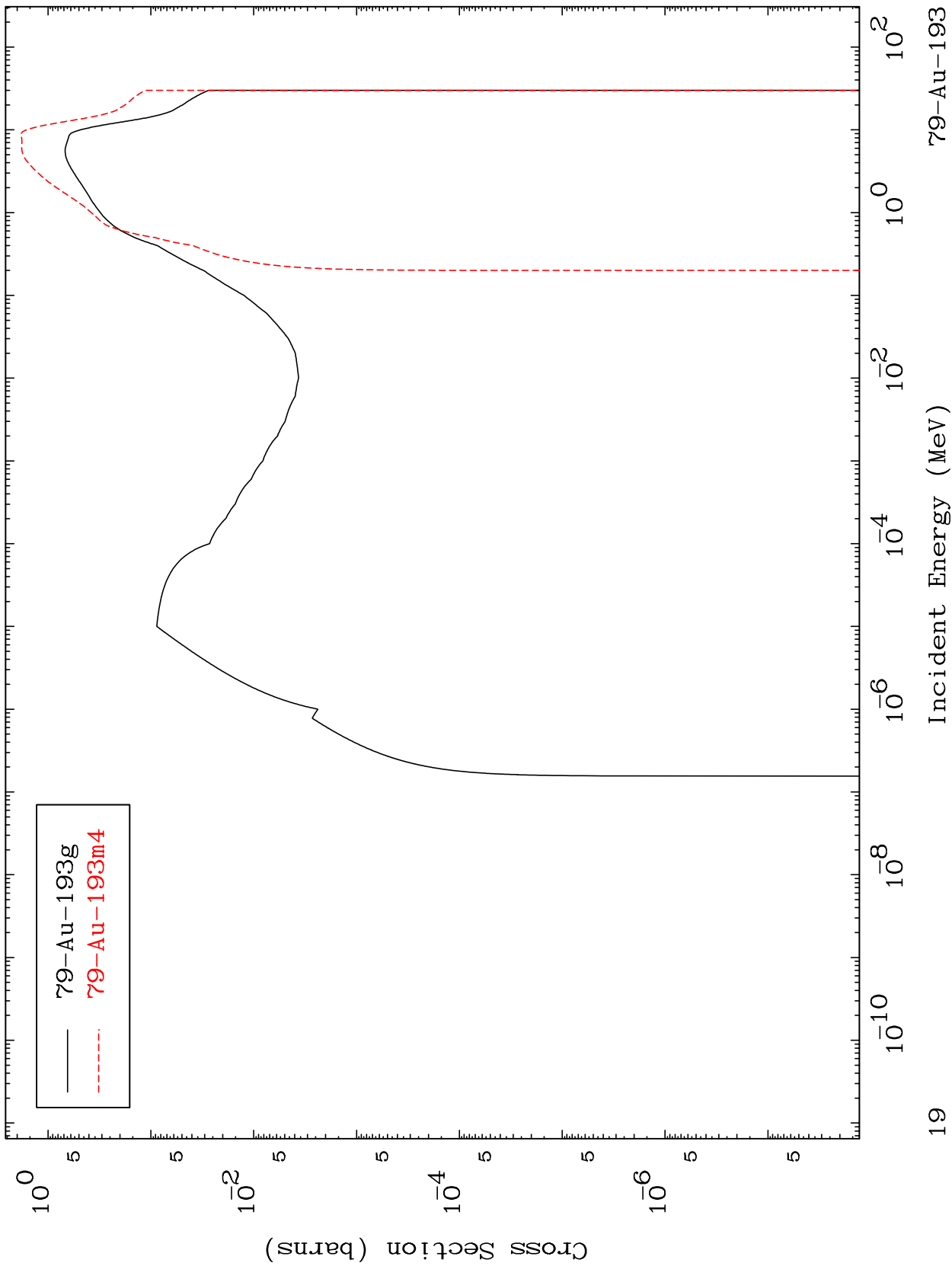
Incident Energy (MeV)

79-Au-193

MAT 7914

79-Au-193

Inelastic  
Radionuclide Production Cross Section

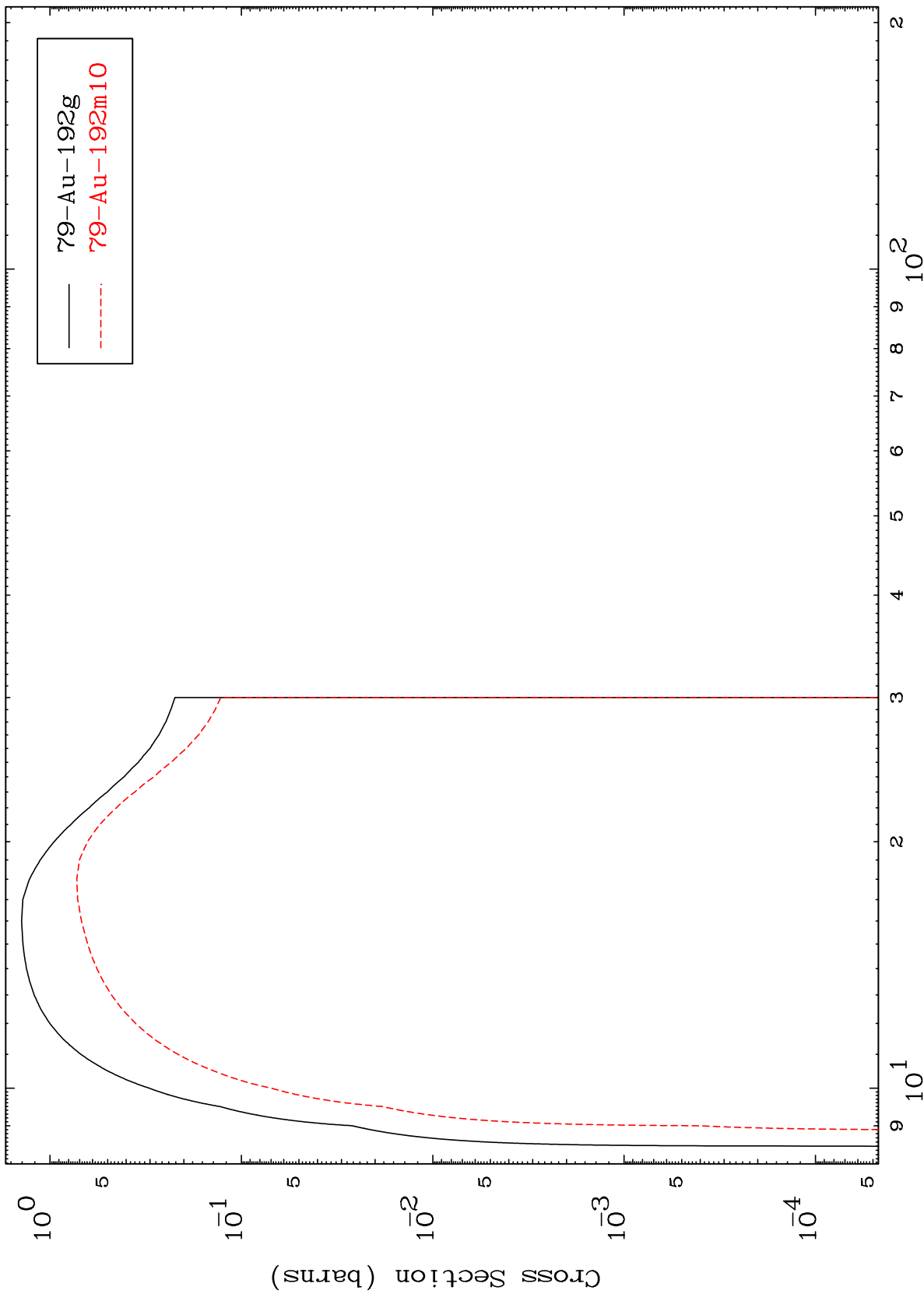


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79-Au-193

(n,2n)

Radionuclide Production Cross Section



79-Au-193

Incident Energy (MeV)

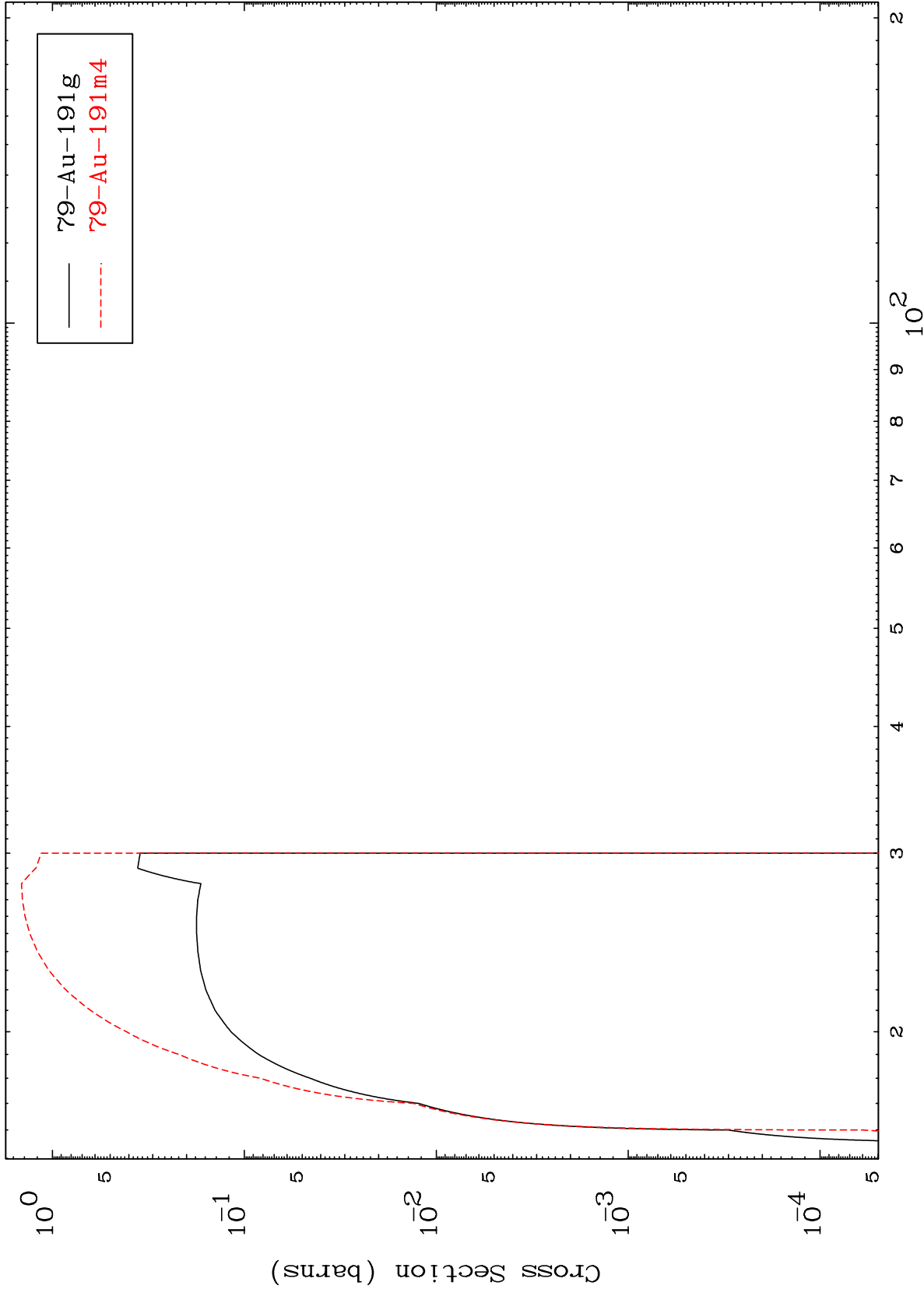
20

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(n,3n)

79-Au-193

Radionuclide Production Cross Section

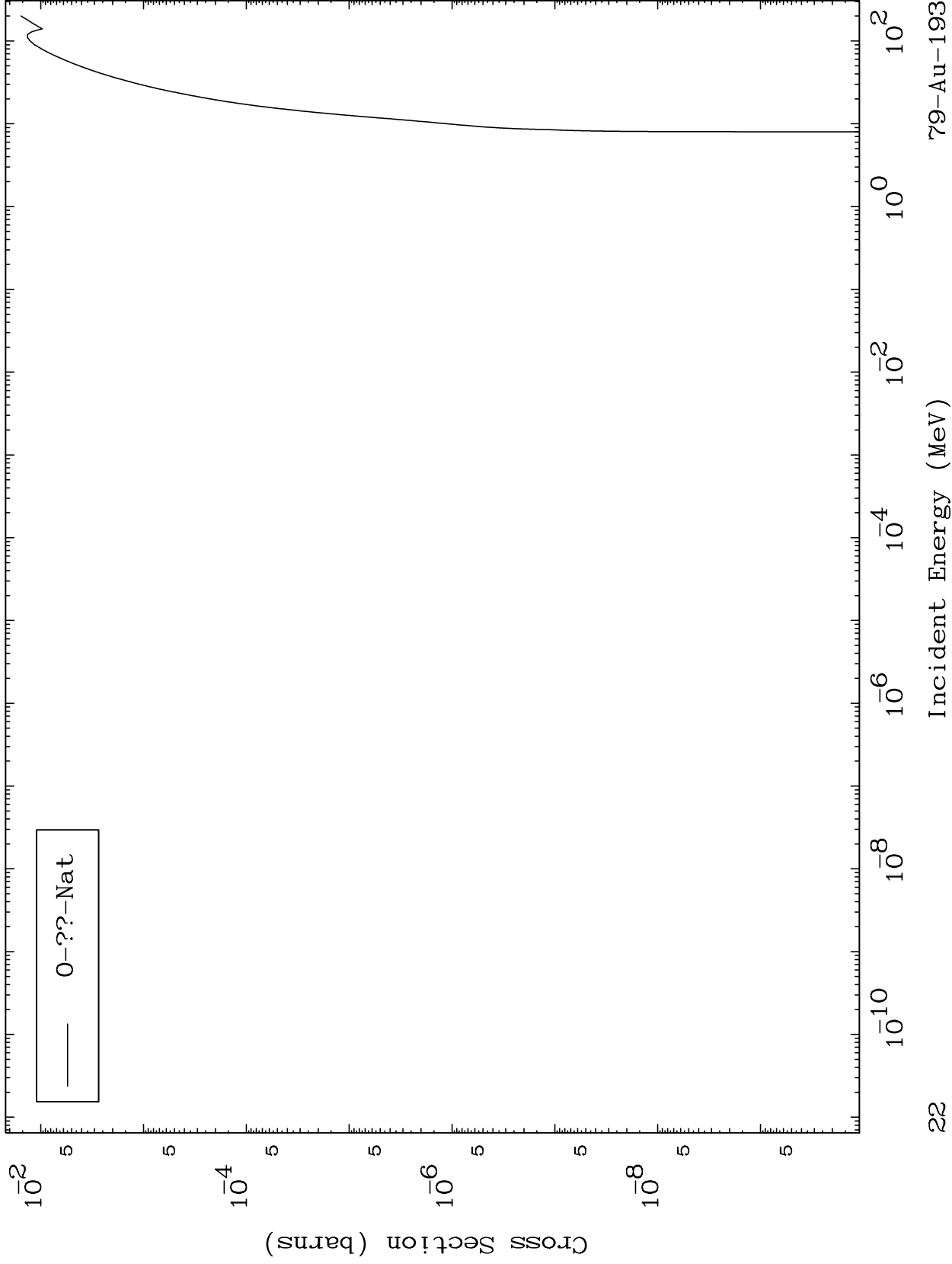


MAT 7914

Fission

<sup>79</sup>Au-193

Radionuclide Production Cross Section

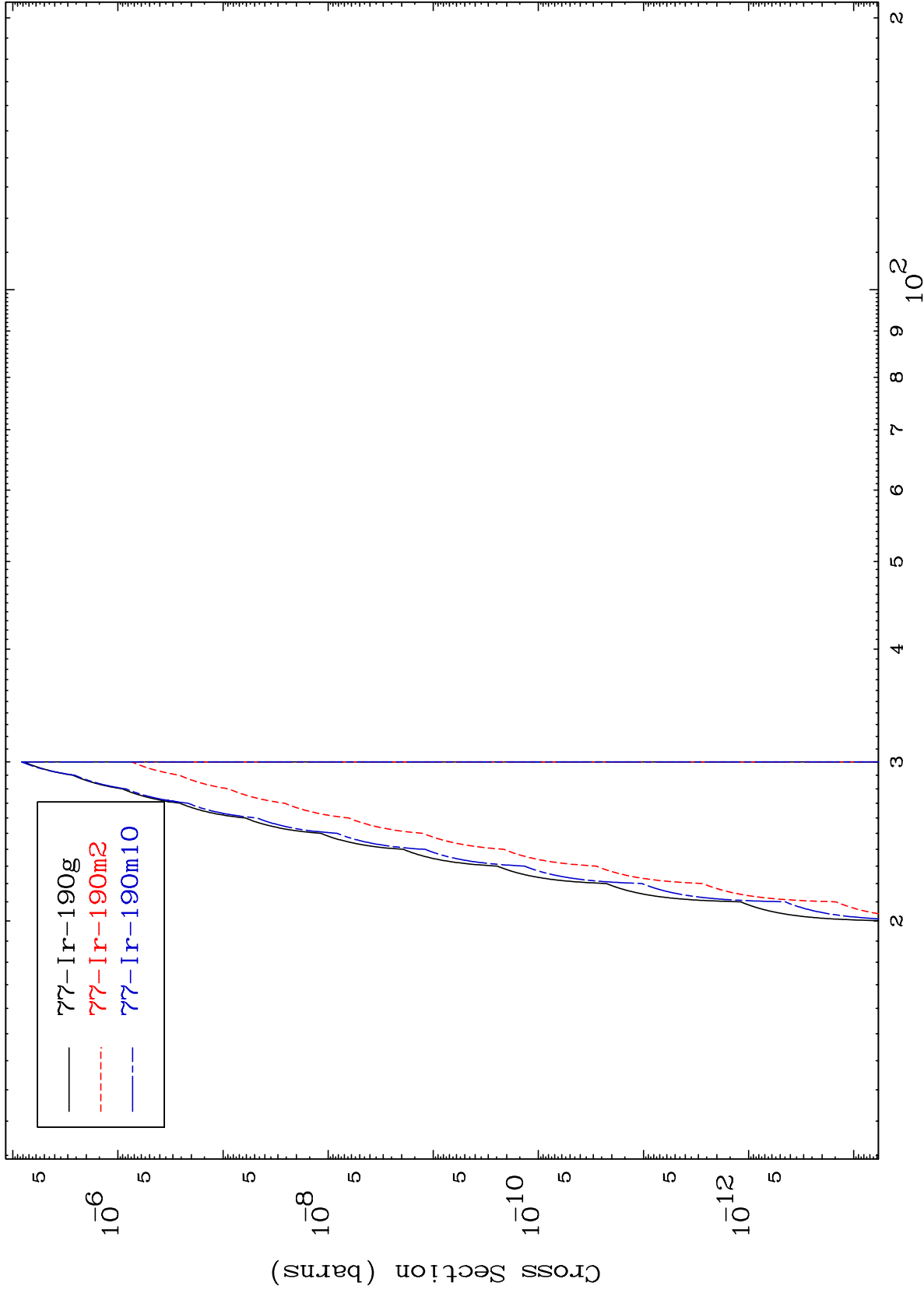


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(n,n') He-3

79-Au-193

Radionuclide Production Cross Section



23

Incident Energy (MeV)

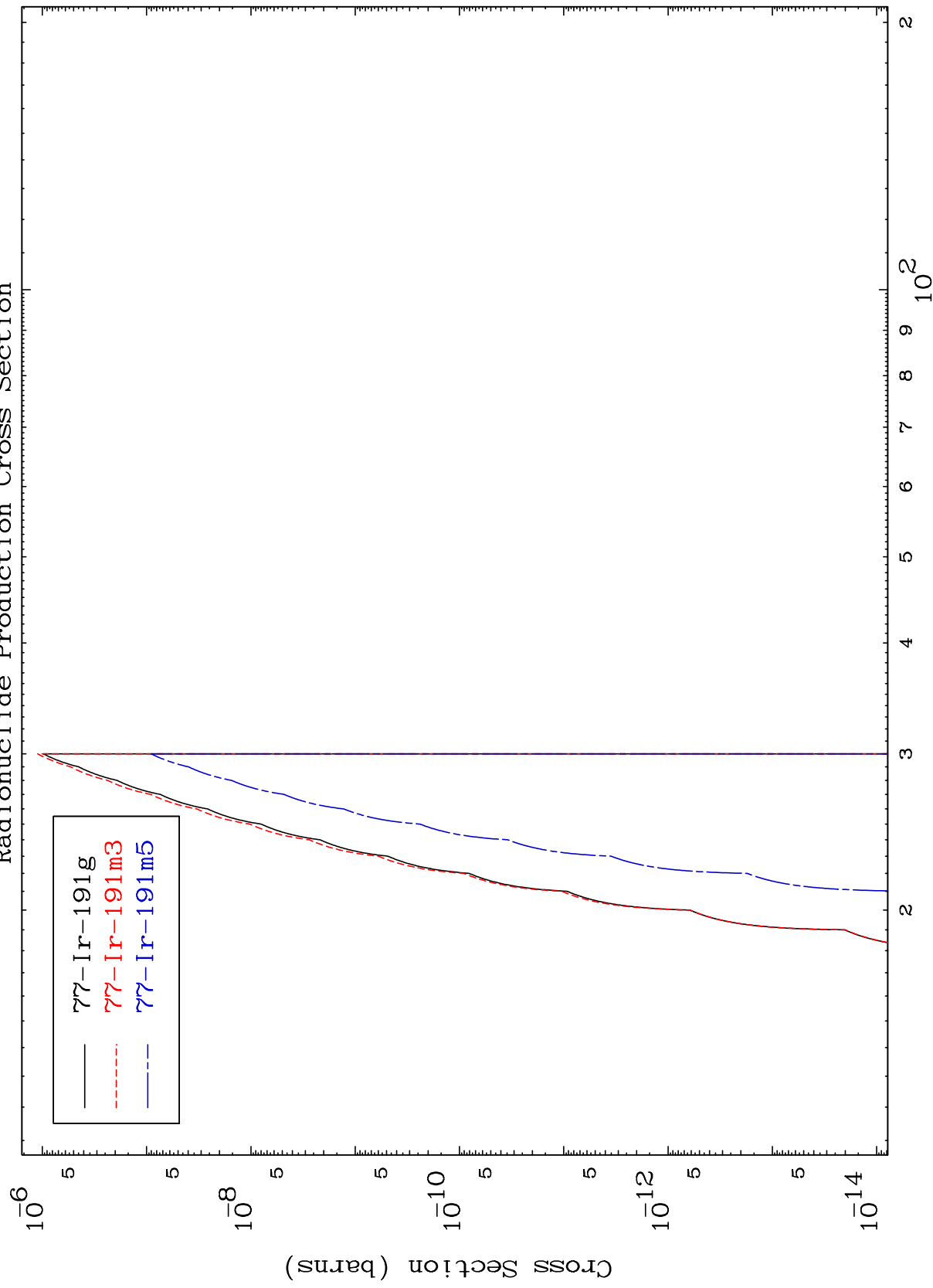
79-Au-193



MAT 7914

79-Au-193

(n,2n) p  
Radionuclide Production Cross Section



24

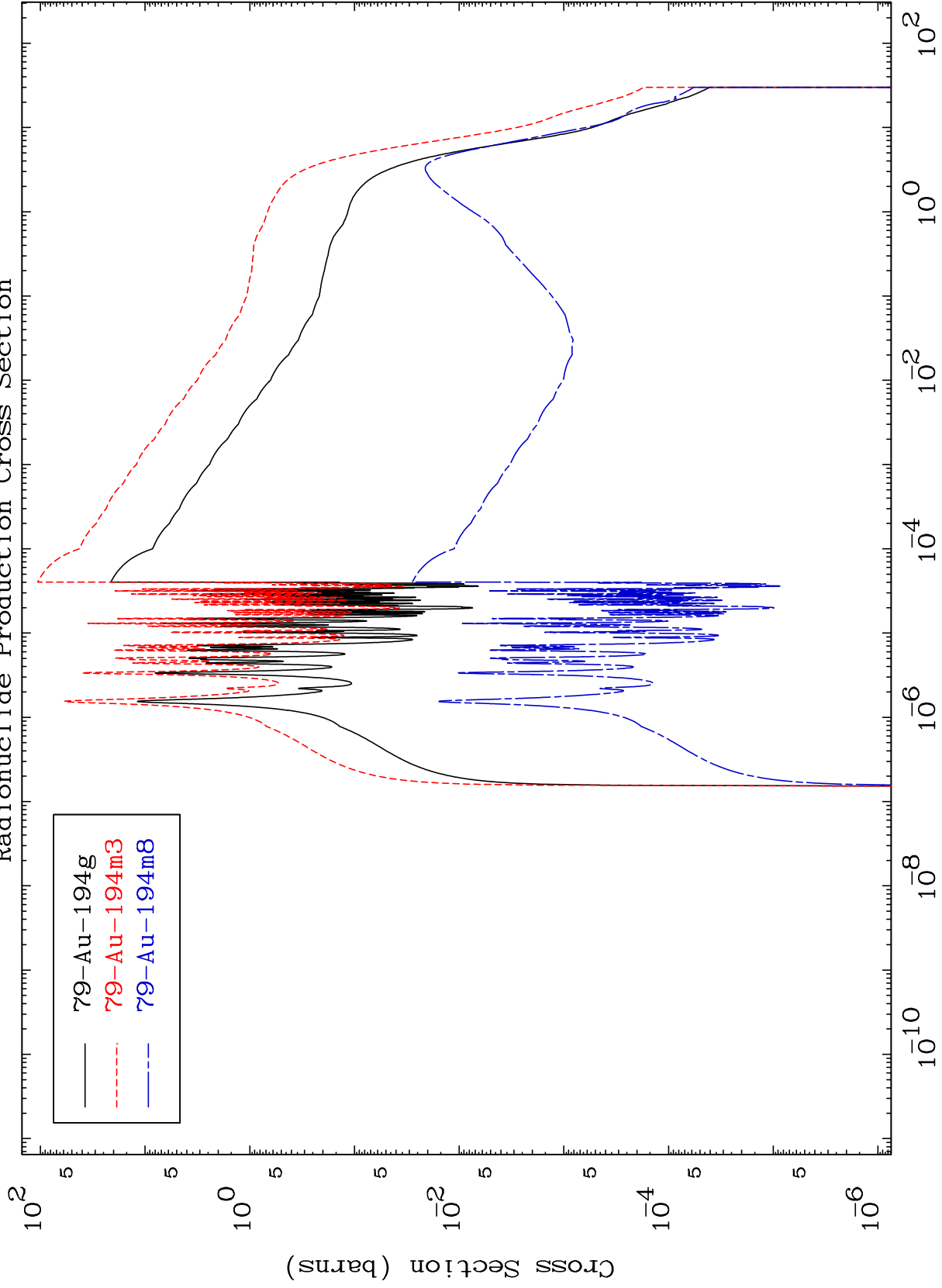
Incident Energy (MeV)

79-Au-193

MAT 7914

79-Au-193

Radionuclide Production Cross Section



79-Au-193

Incident Energy (MeV)

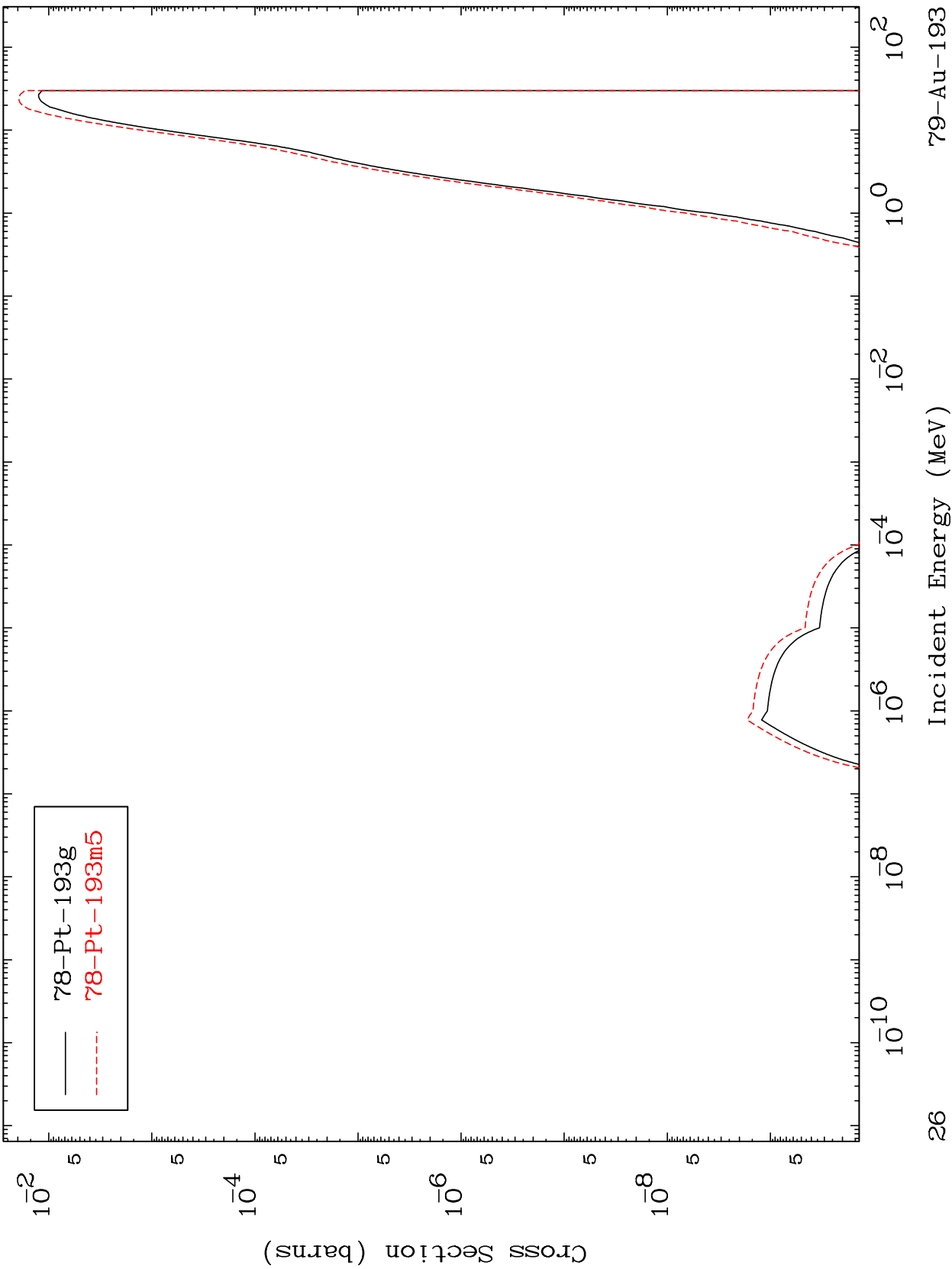
25

MAT 7914

(n,p)

79-Au-193

Radionuclide Production Cross Section

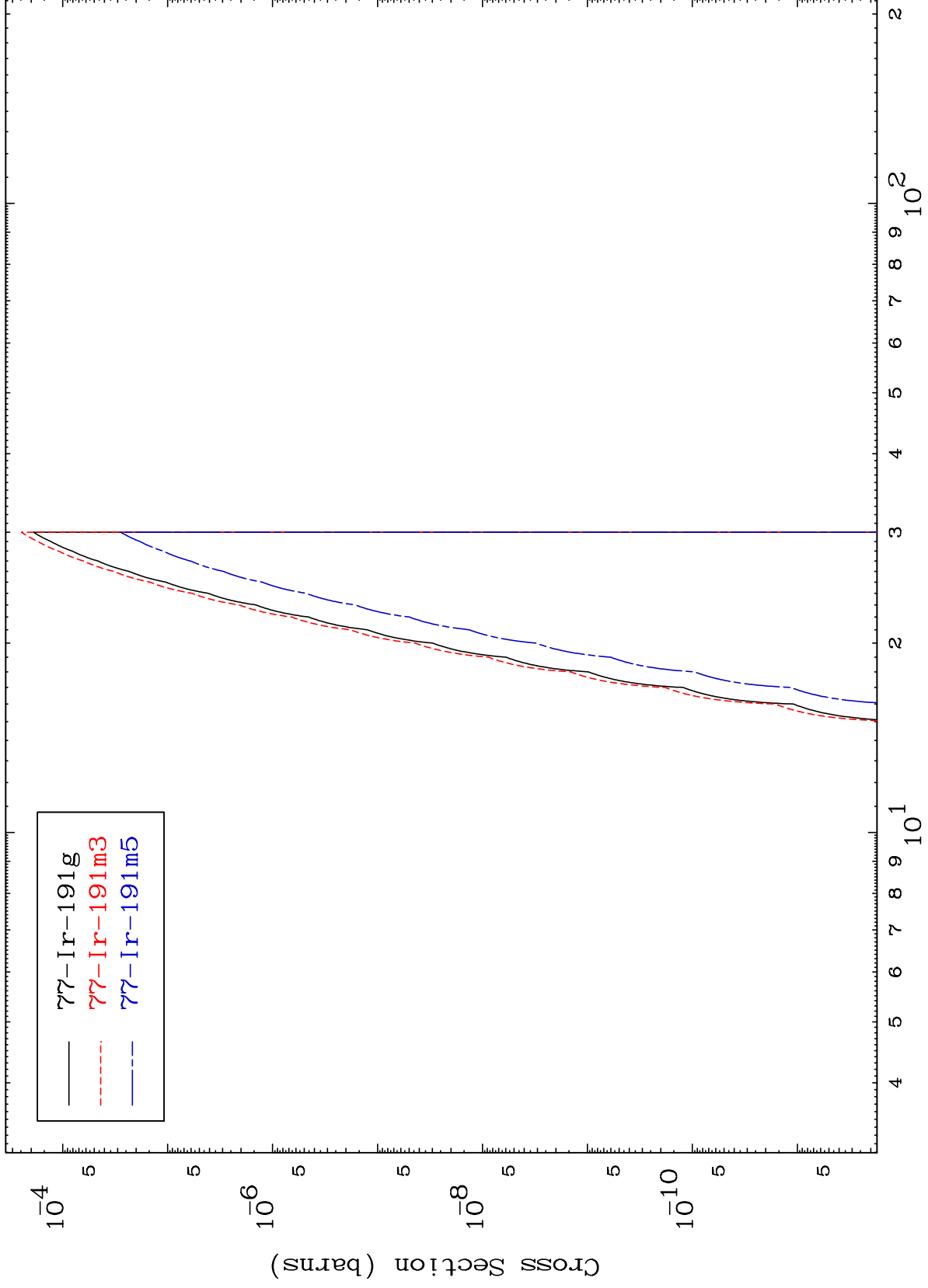


MAT 7914

(n,He-3)

79-Au-193

Radionuclide Production Cross Section

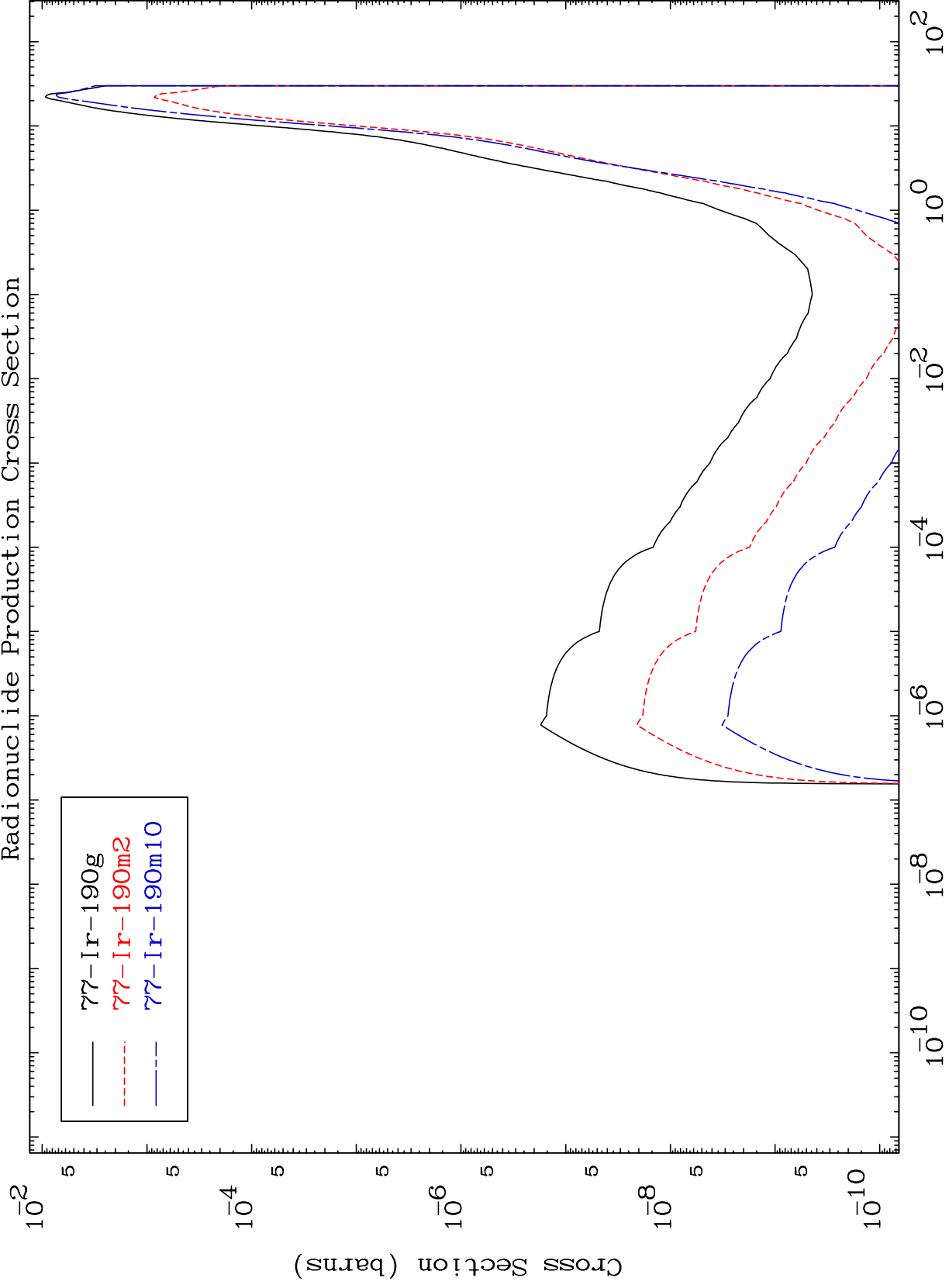


MAT 7914

(n,  $\alpha$ )

<sup>79</sup>Au-193

Radionuclide Production Cross Section



<sup>79</sup>Au-193

Incident Energy (MeV)

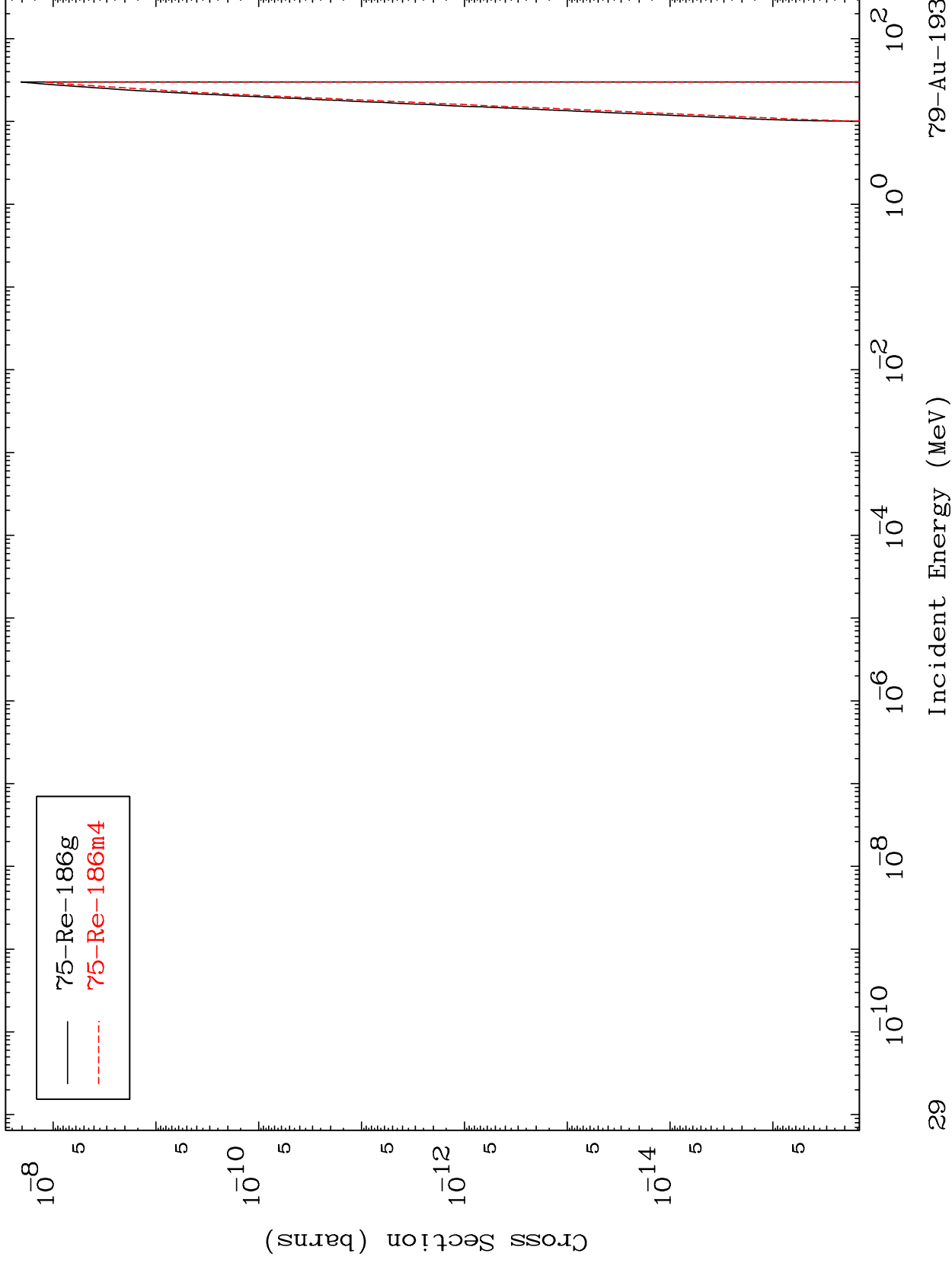
28

MAT 7914

$(n, 2\alpha)$

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

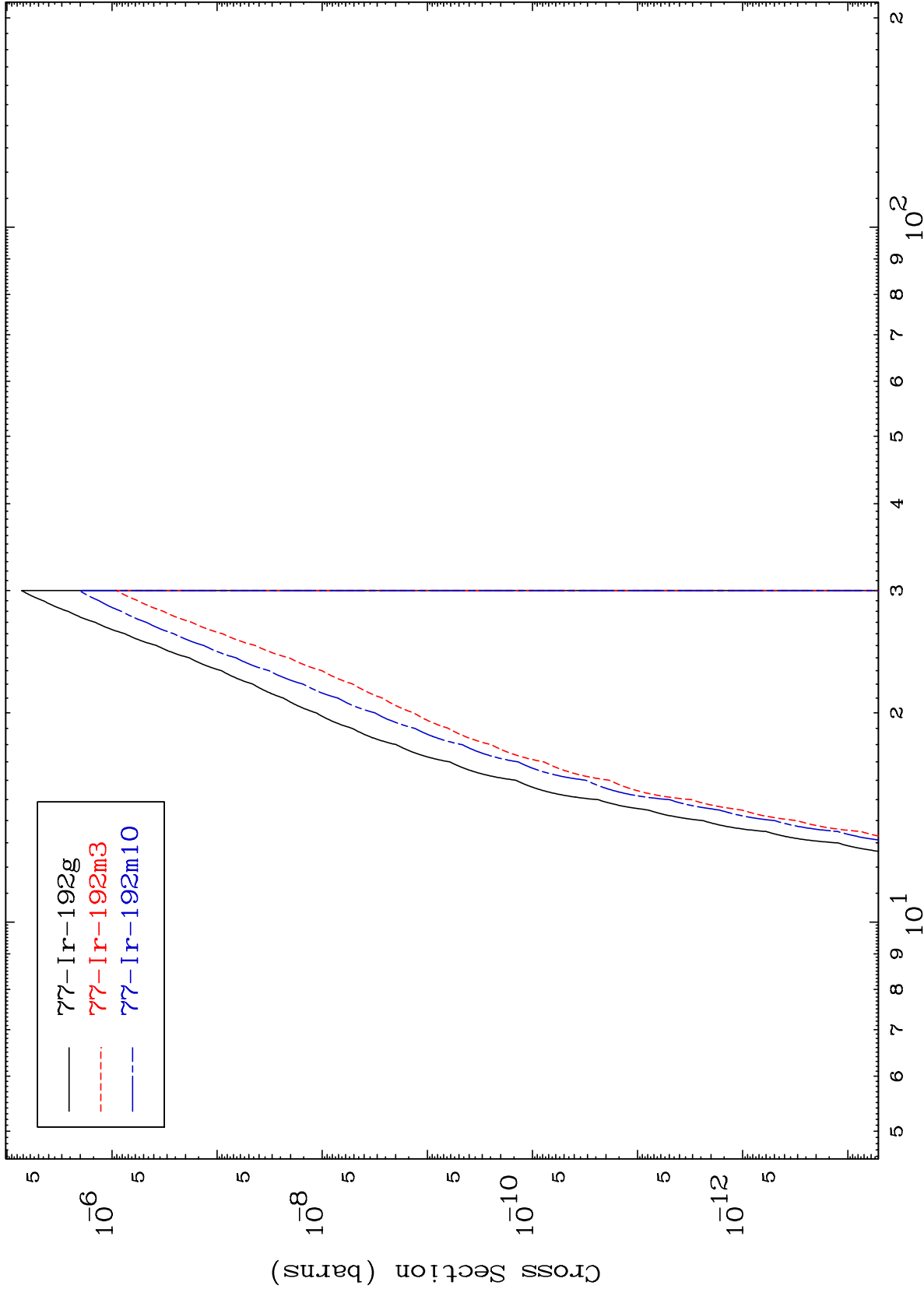
Radionuclide Production Cross Section



MAT 7914

79-Au-193

(n,2p)  
Radionuclide Production Cross Section



30

Incident Energy (MeV)

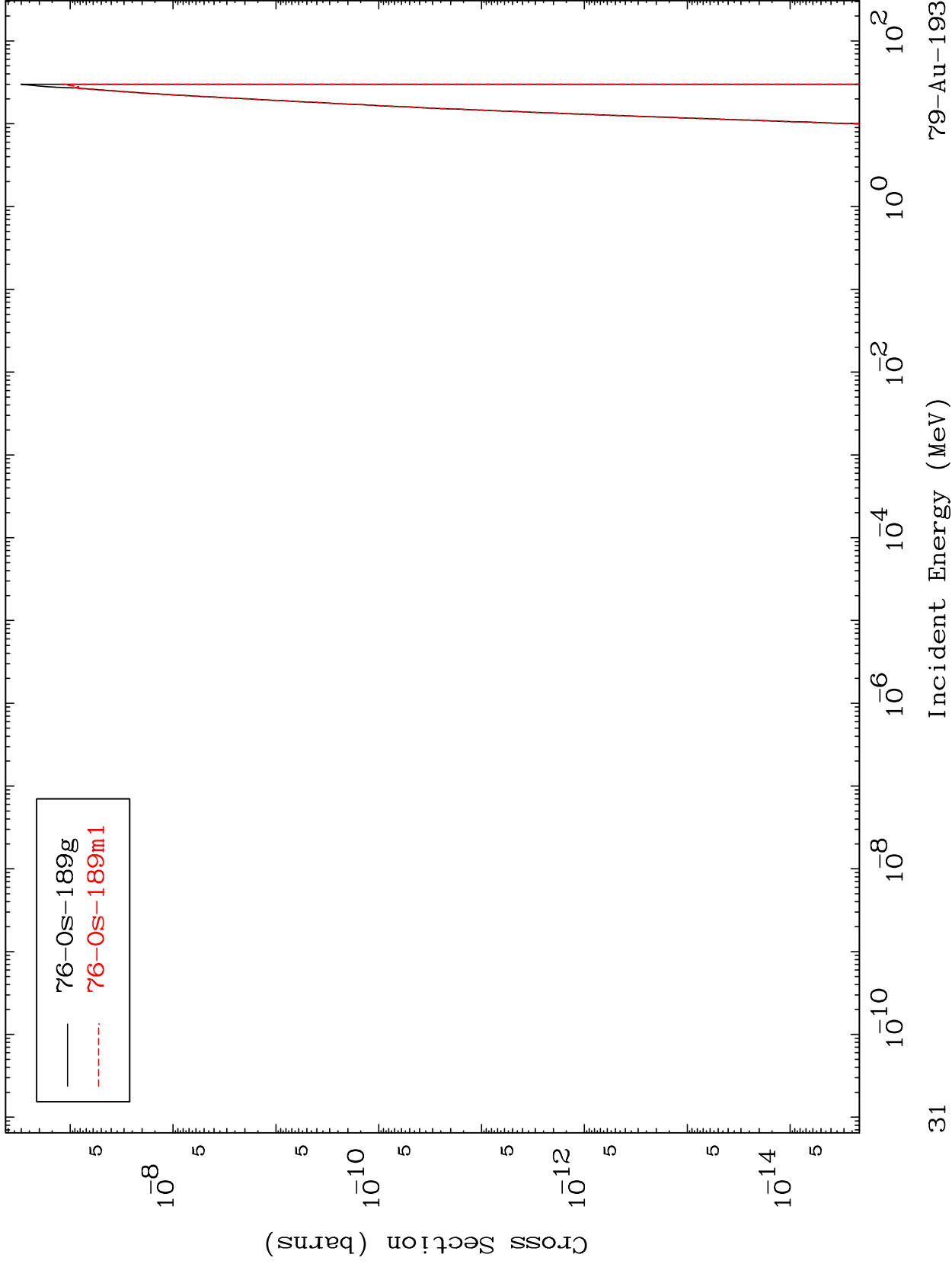
79-Au-193

MAT 7914

(n,p)  $\alpha$

<sup>79</sup>Au-193

Radionuclide Production Cross Section



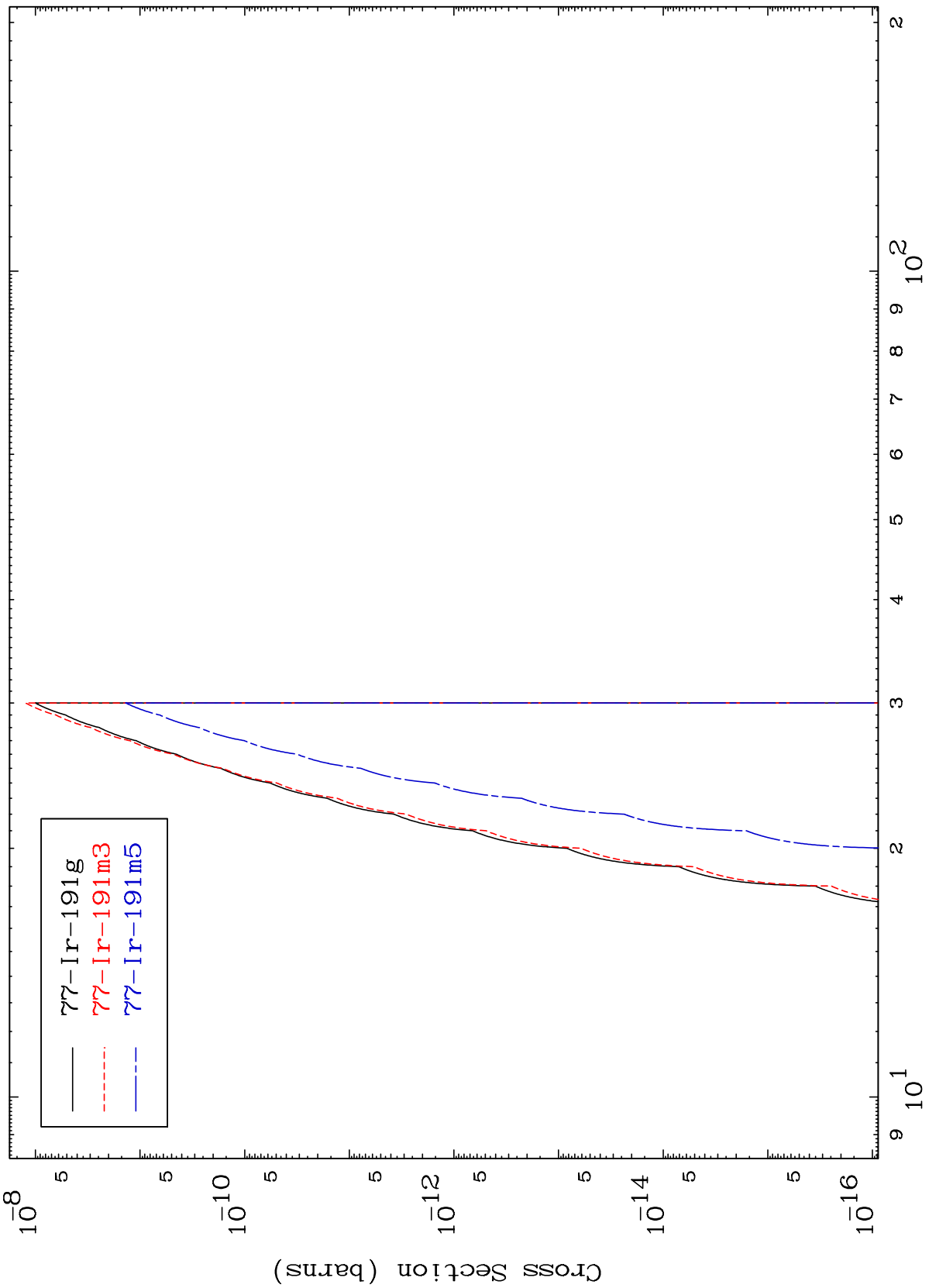


MAT 7914

(n,p) d

79-Au-193

Radionuclide Production Cross Section



77-Ir-191g  
77-Ir-191m3  
77-Ir-191m5

32

Incident Energy (MeV)

79-Au-193

Radionuclide Production Cross Section

