

Program EVALPLOT
(Version 2021-1)

by

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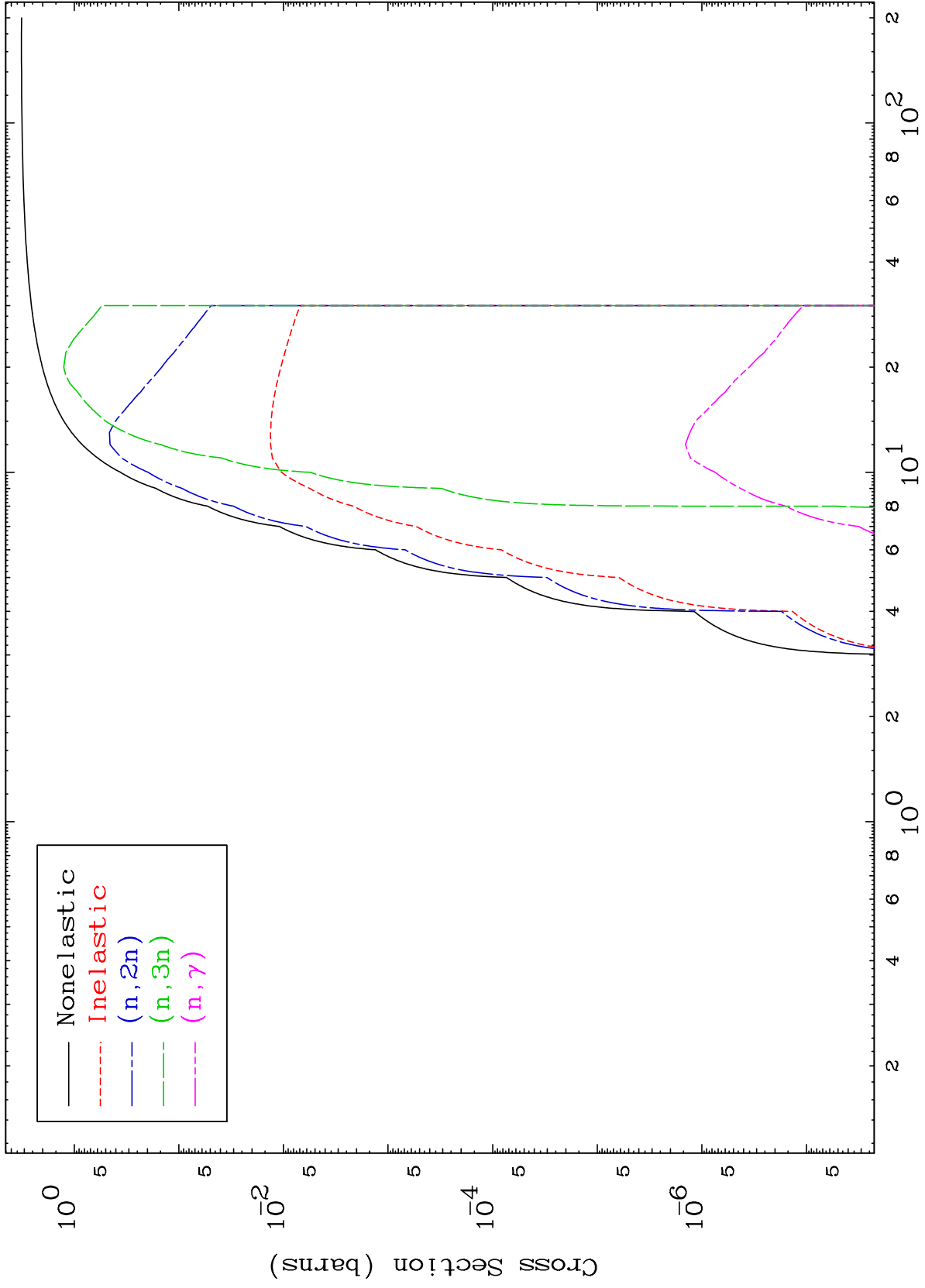
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7935

Deuteron Major
0 Kelvin Cross Sections

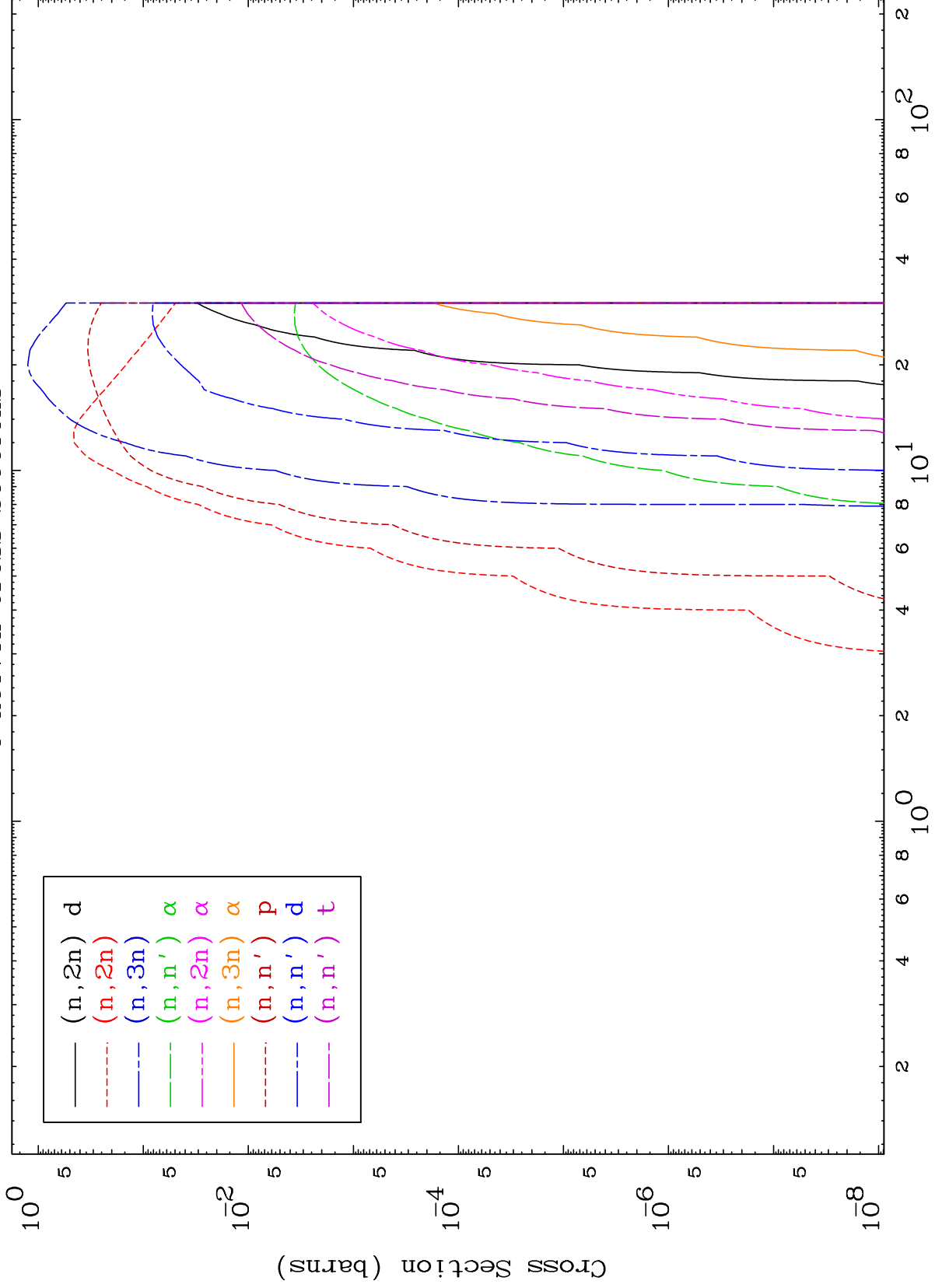
⁷⁹Au-200m



MAT 7935

Deuteron Neutron Absorption
0 Kelvin Cross Sections

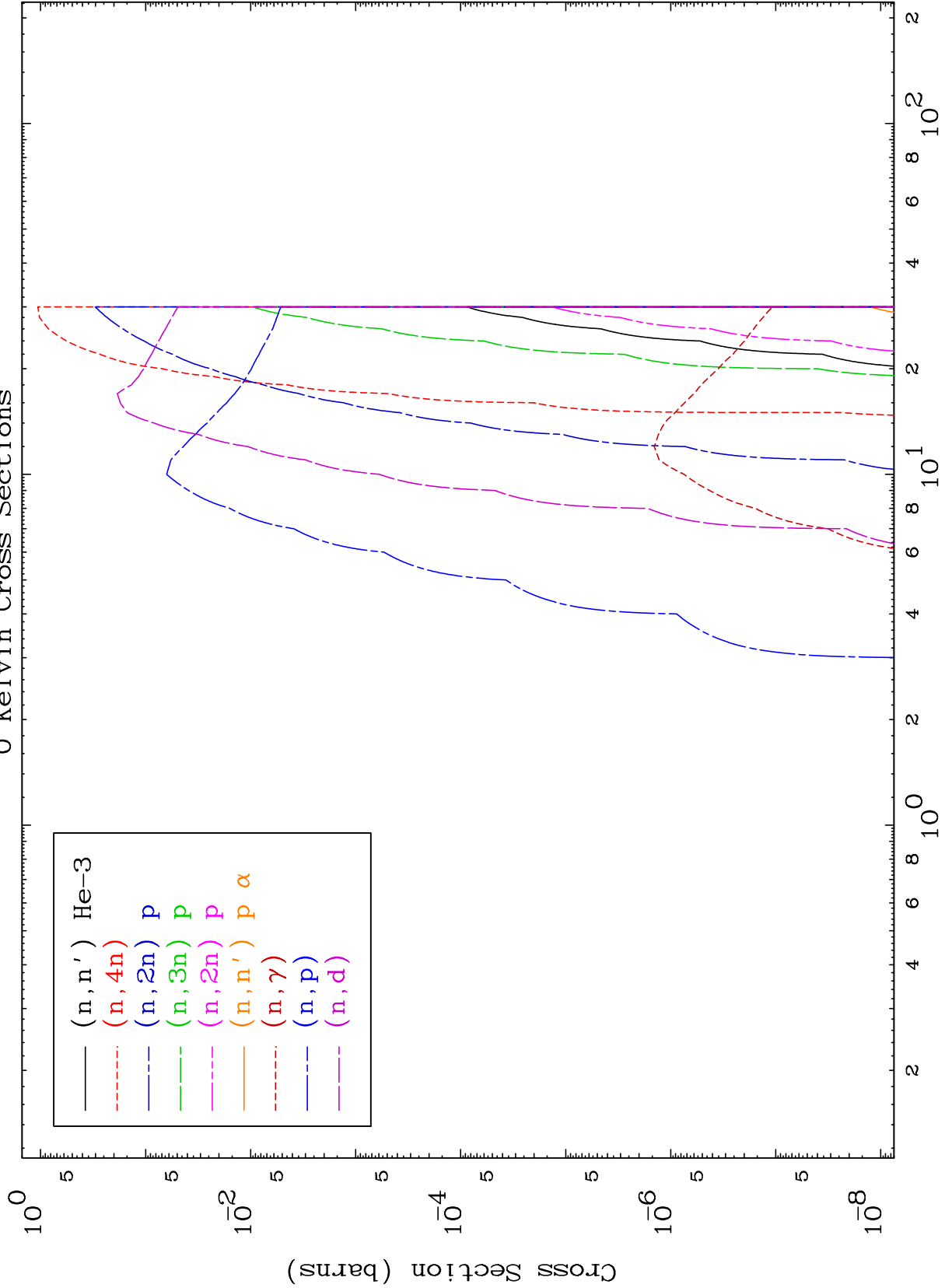
⁷⁹Au-200m



MAT 7935

Deuteron Neutron Absorption
0 Kelvin Cross Sections

⁷⁹Au-200m



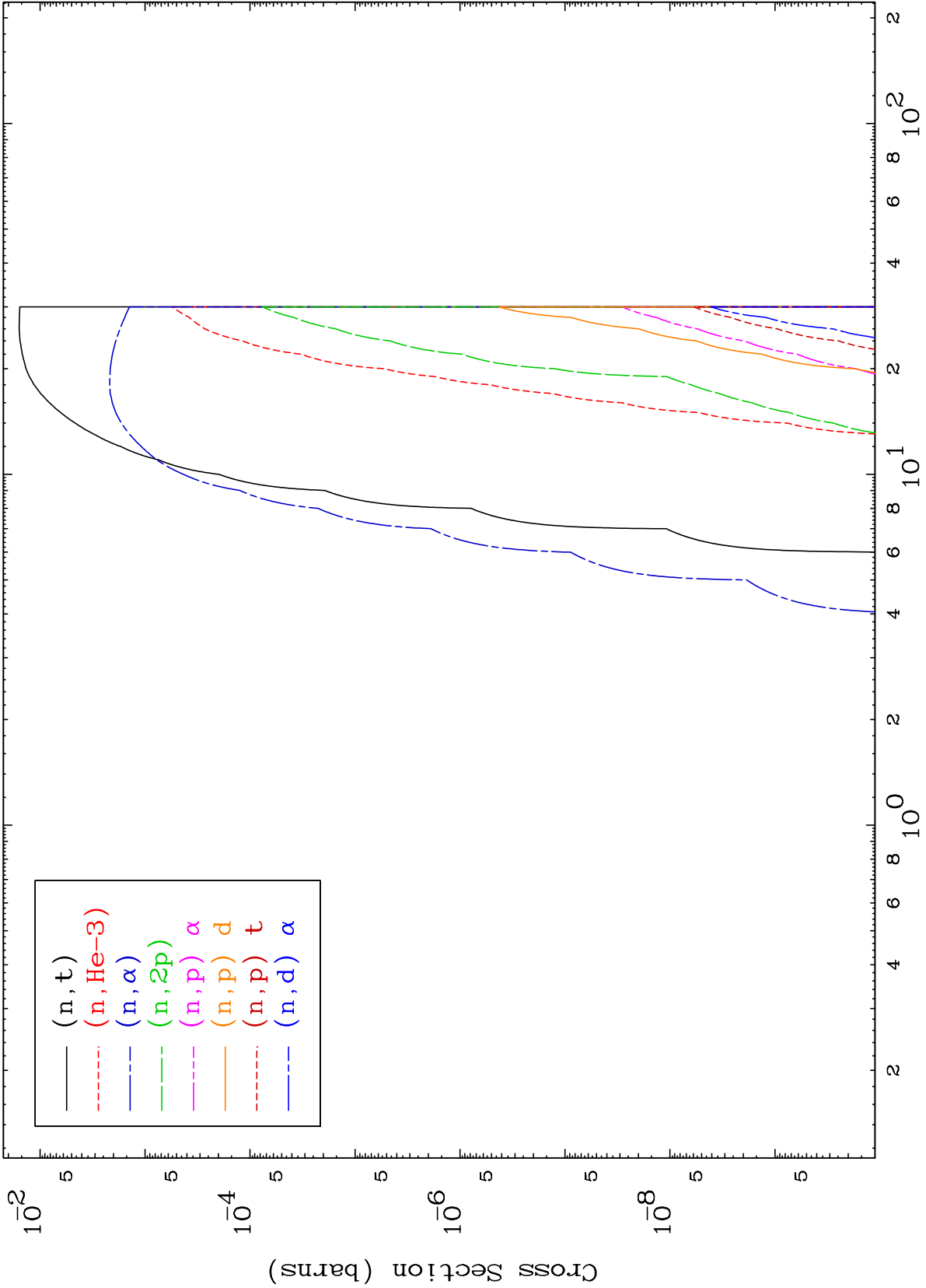
⁷⁹Au-200m

Incident Energy (MeV)

MAT 7935

Deuteron Neutron Absorption
0 Kelvin Cross Sections

⁷⁹Au-200m



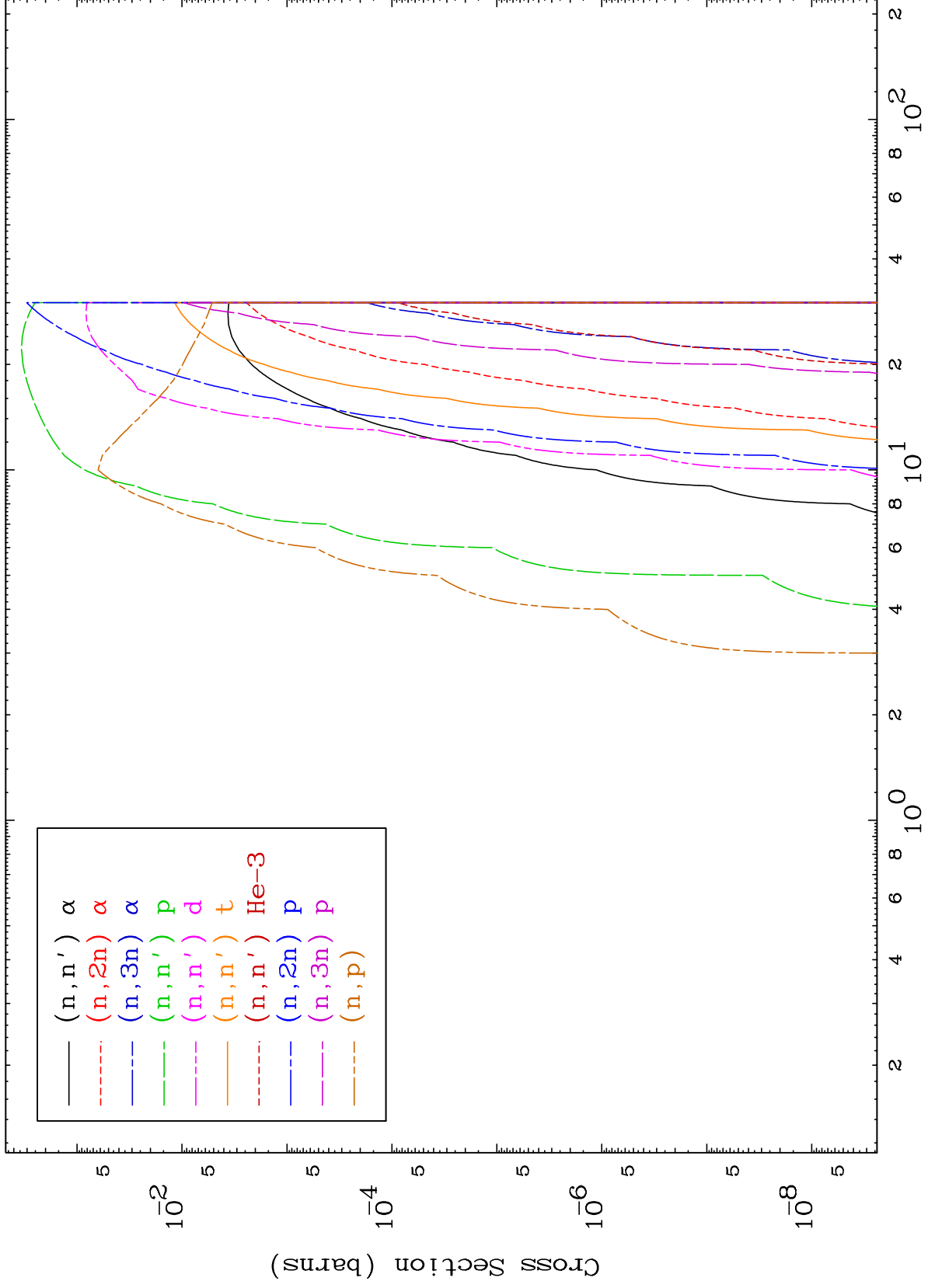
⁷⁹Au-200m

Incident Energy (MeV)

MAT 7935

Deuteron Charged Particle
0 Kelvin Cross Sections

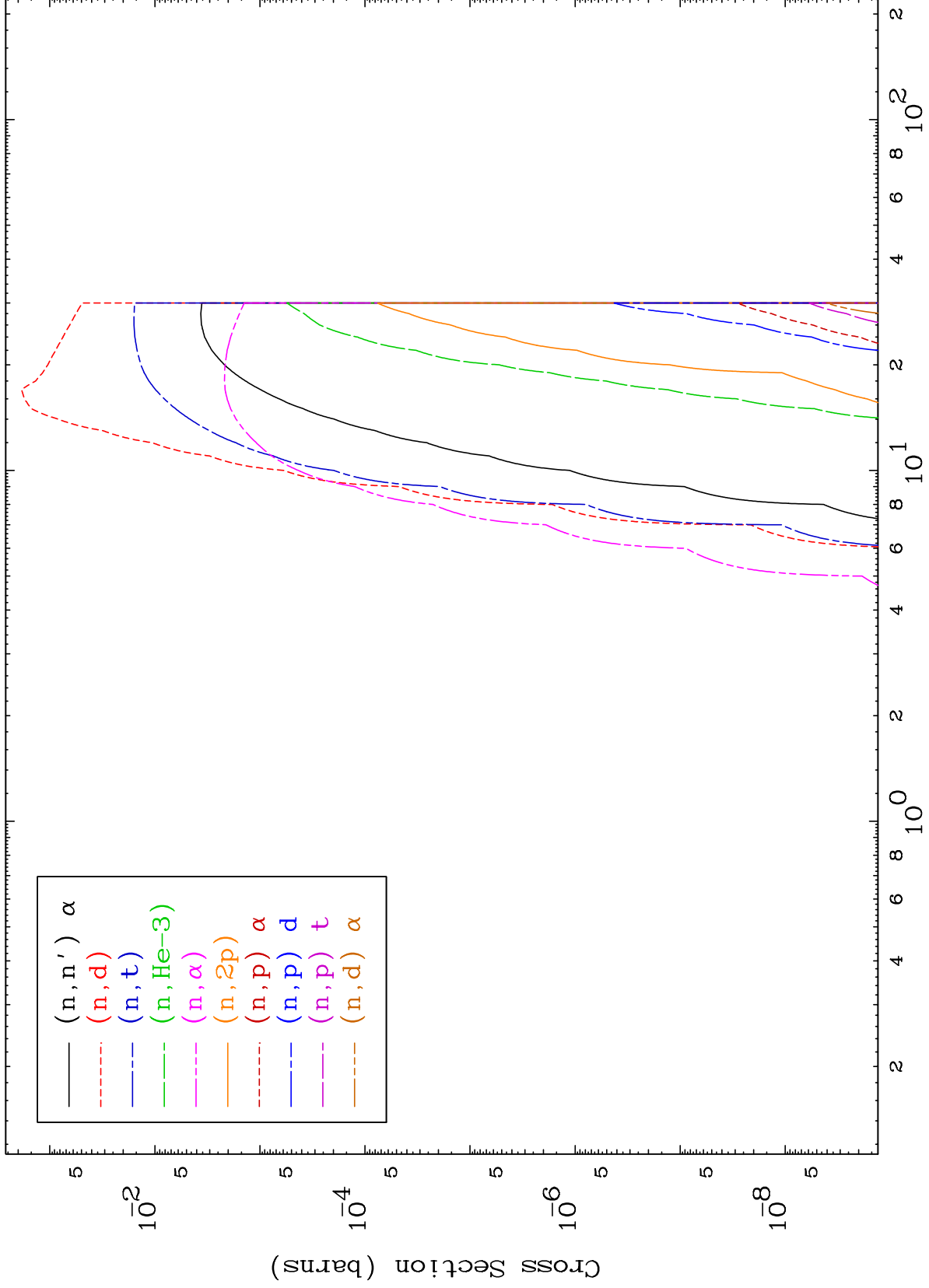
⁷⁹Au-200m



MAT 7935

Deuteron Charged Particle
0 Kelvin Cross Sections

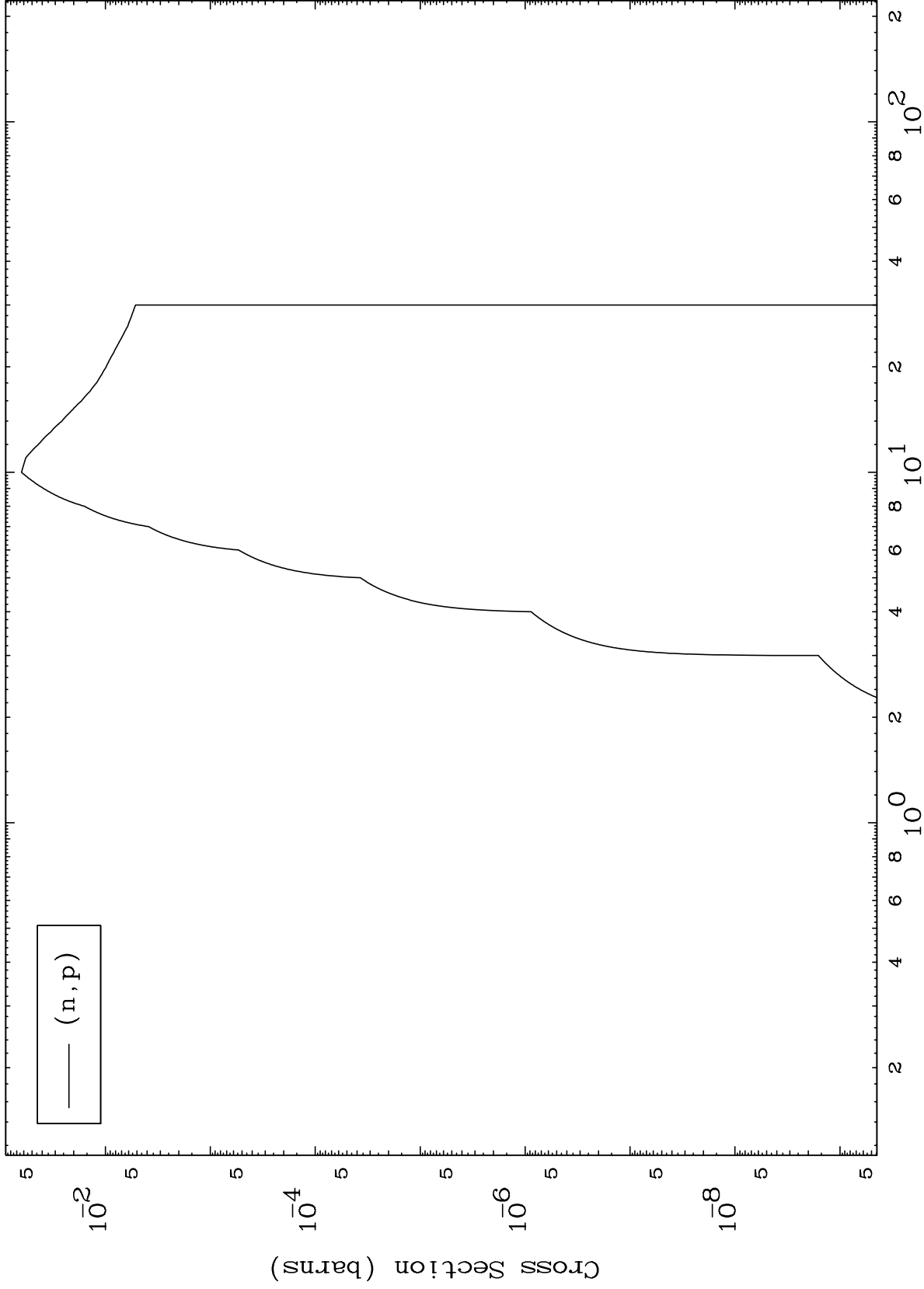
79-Au-200m



MAT 7935

⁷⁹Au-200m

(d,p) Levels
0 Kelvin Cross Sections



⁷⁹Au-200m

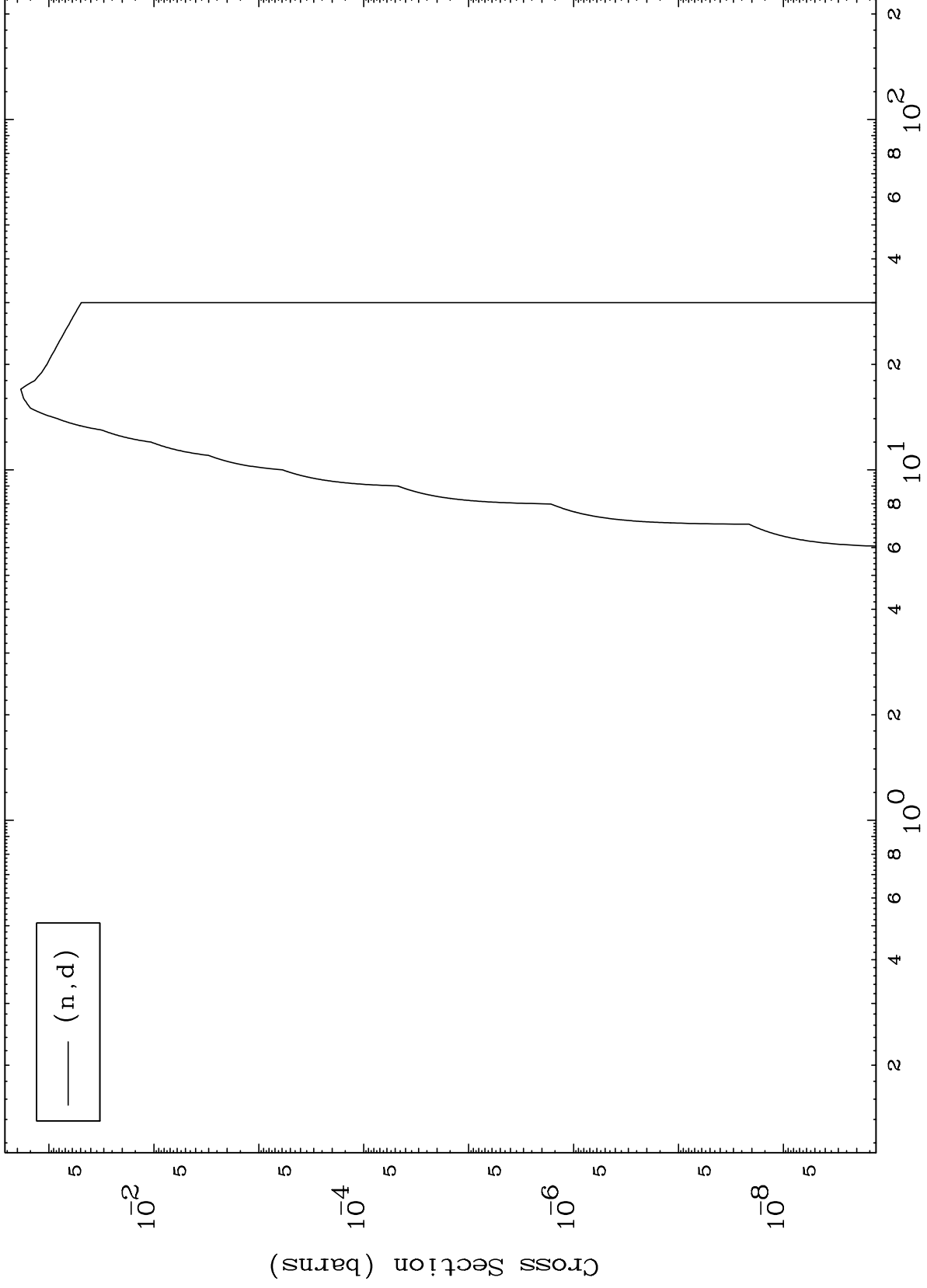
Incident Energy (MeV)

MAT 7935

(d,d) Levels

⁷⁹Au-200m

0 Kelvin Cross Sections

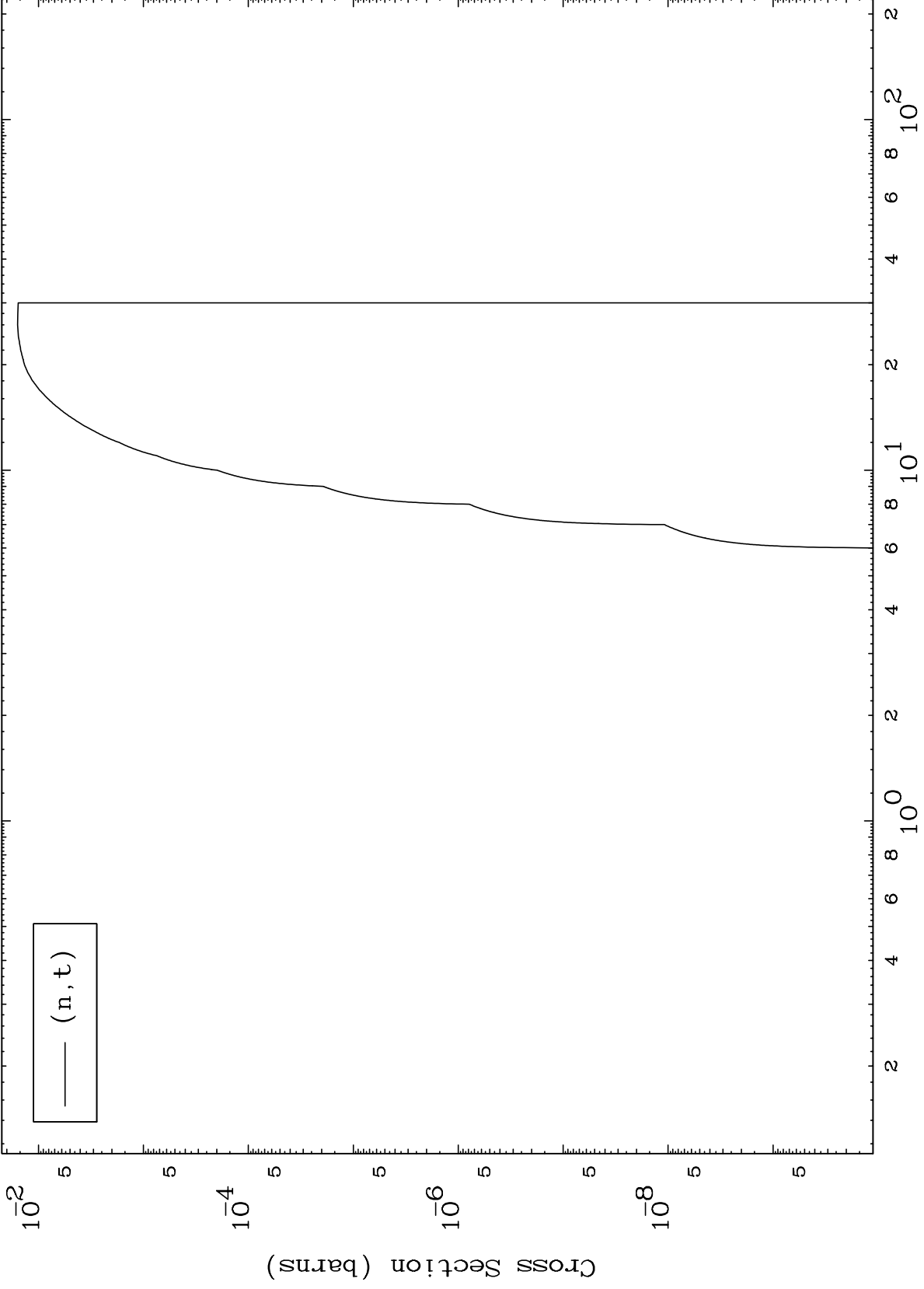


MAT 7935

(d, t) Levels

⁷⁹Au-200m

0 Kelvin Cross Sections

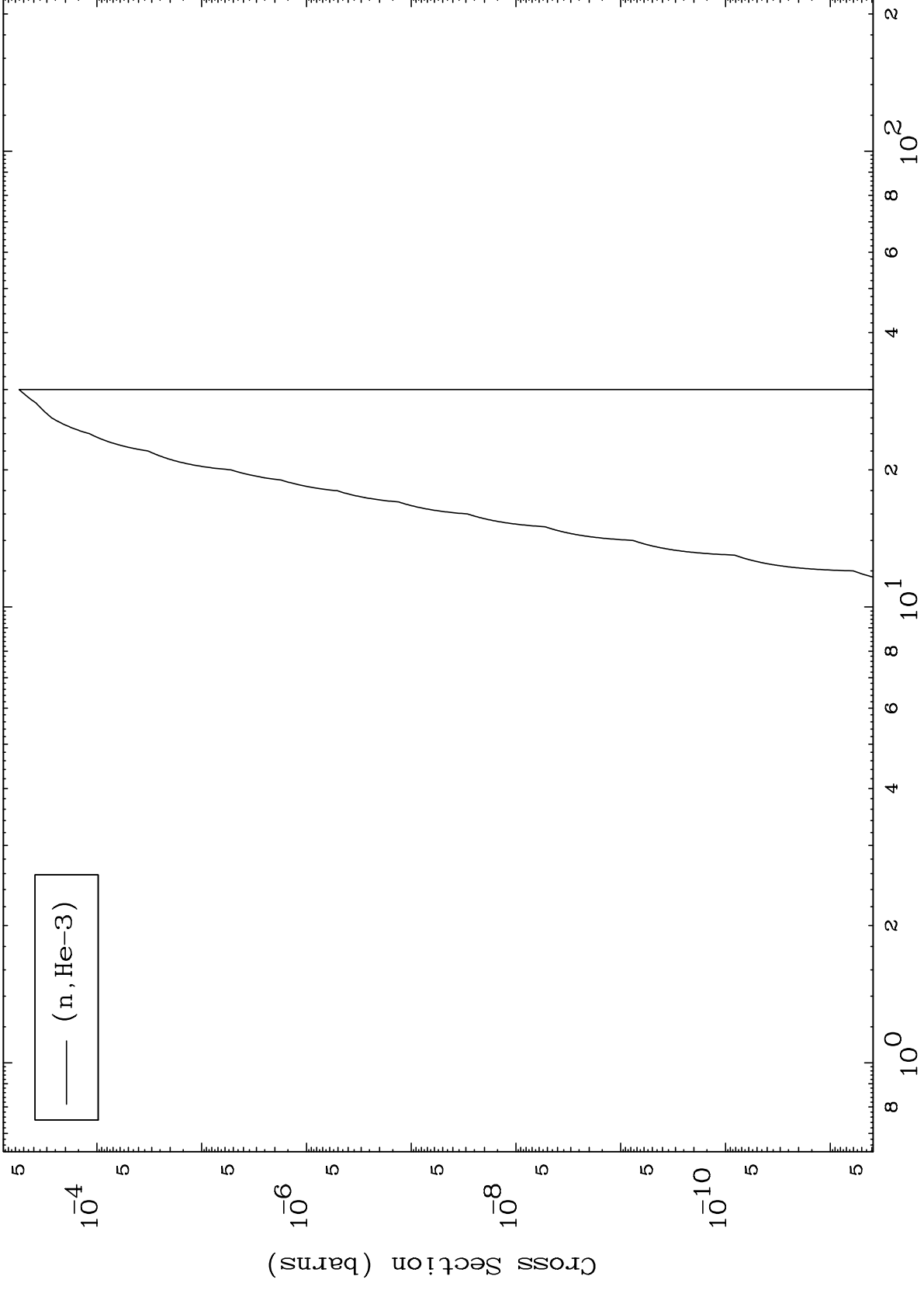


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(d,He3) Levels

79-Au-200m

0 Kelvin Cross Sections



(n, He-3)

10

Incident Energy (MeV)

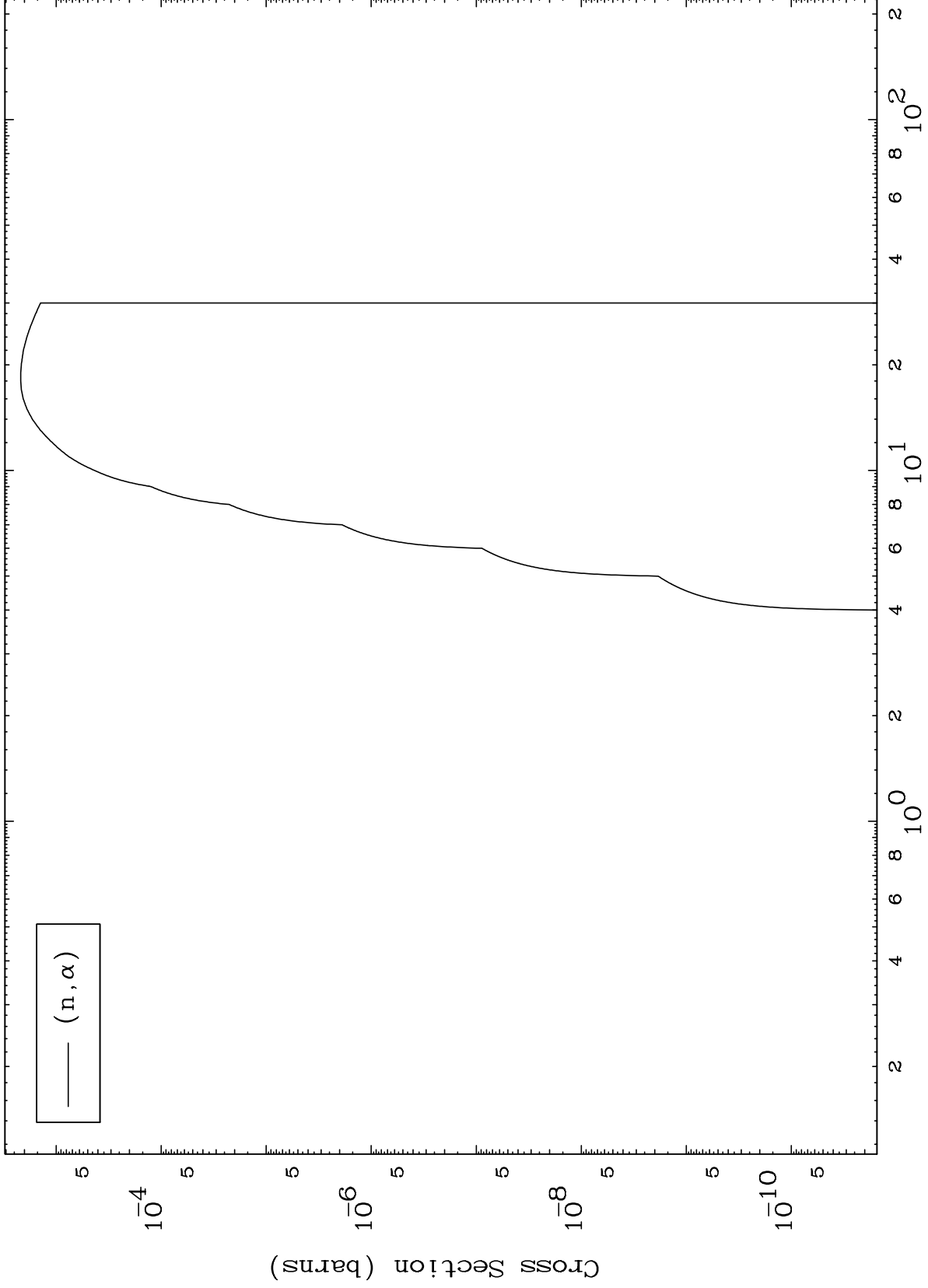
79-Au-200m

MAT 7935

(d, α) Levels

79-Au-200m

0 Kelvin Cross Sections

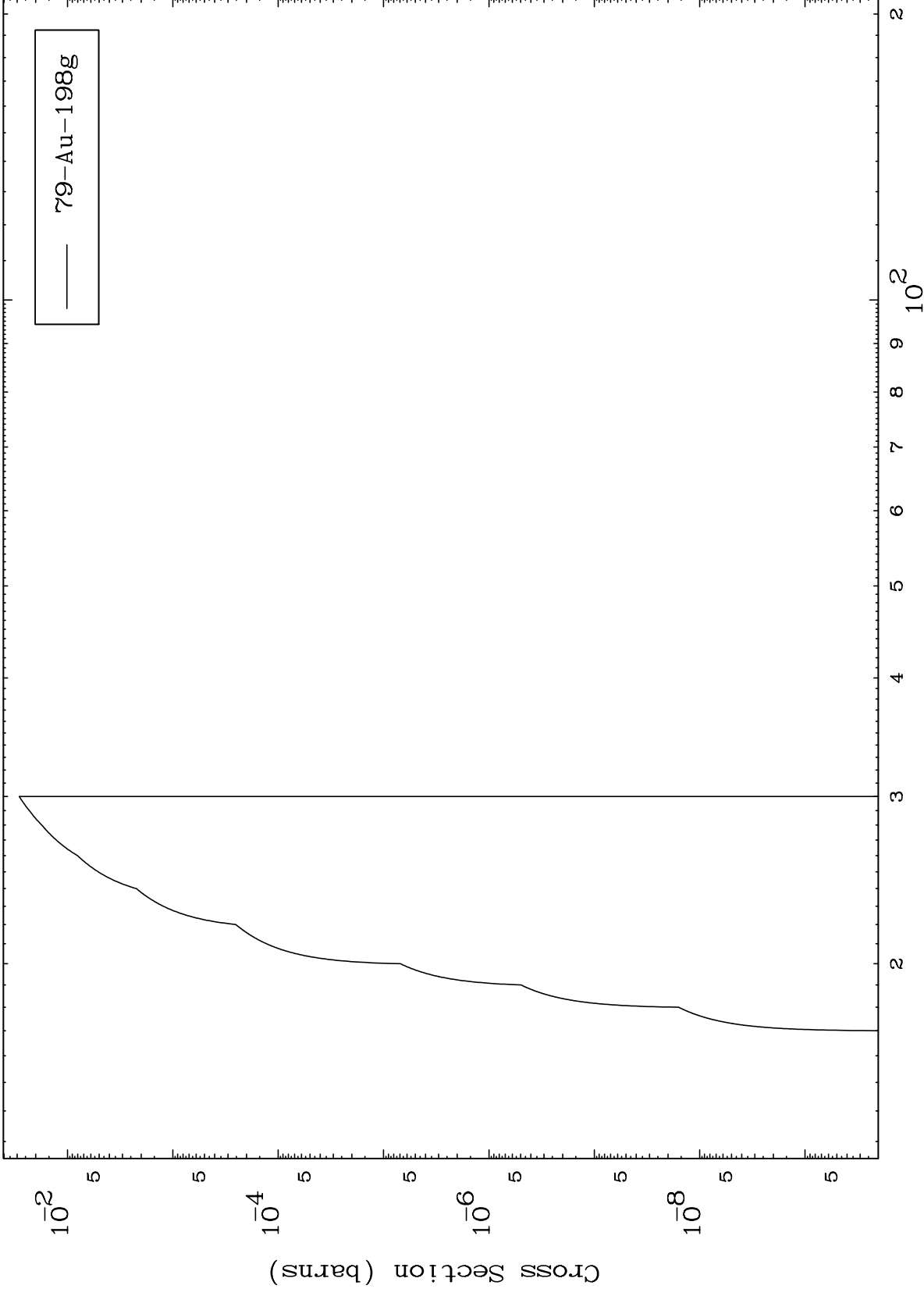


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(n,2n) d

79-Au-200m

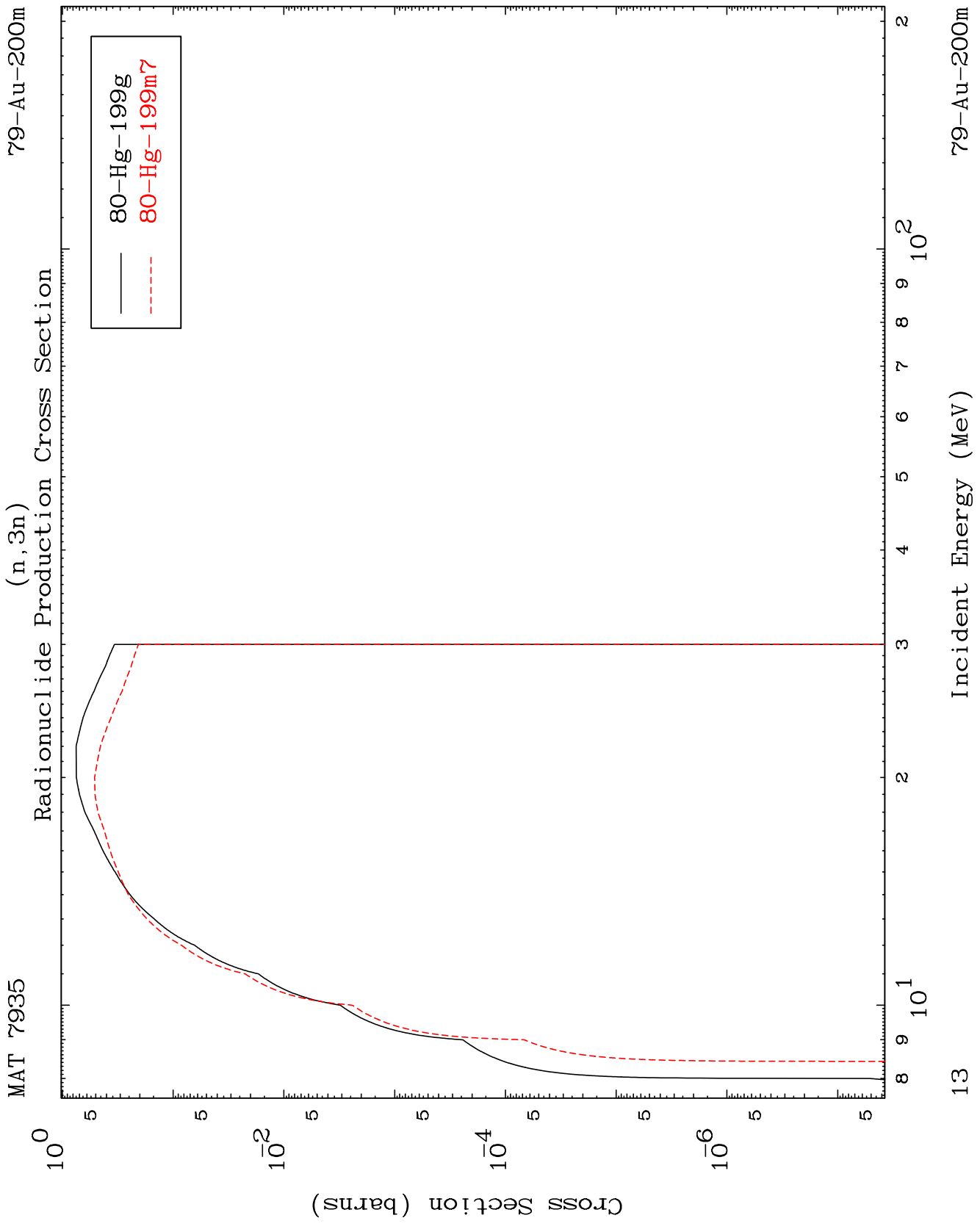
Radionuclide Production Cross Section



12

Incident Energy (MeV)

79-Au-200m

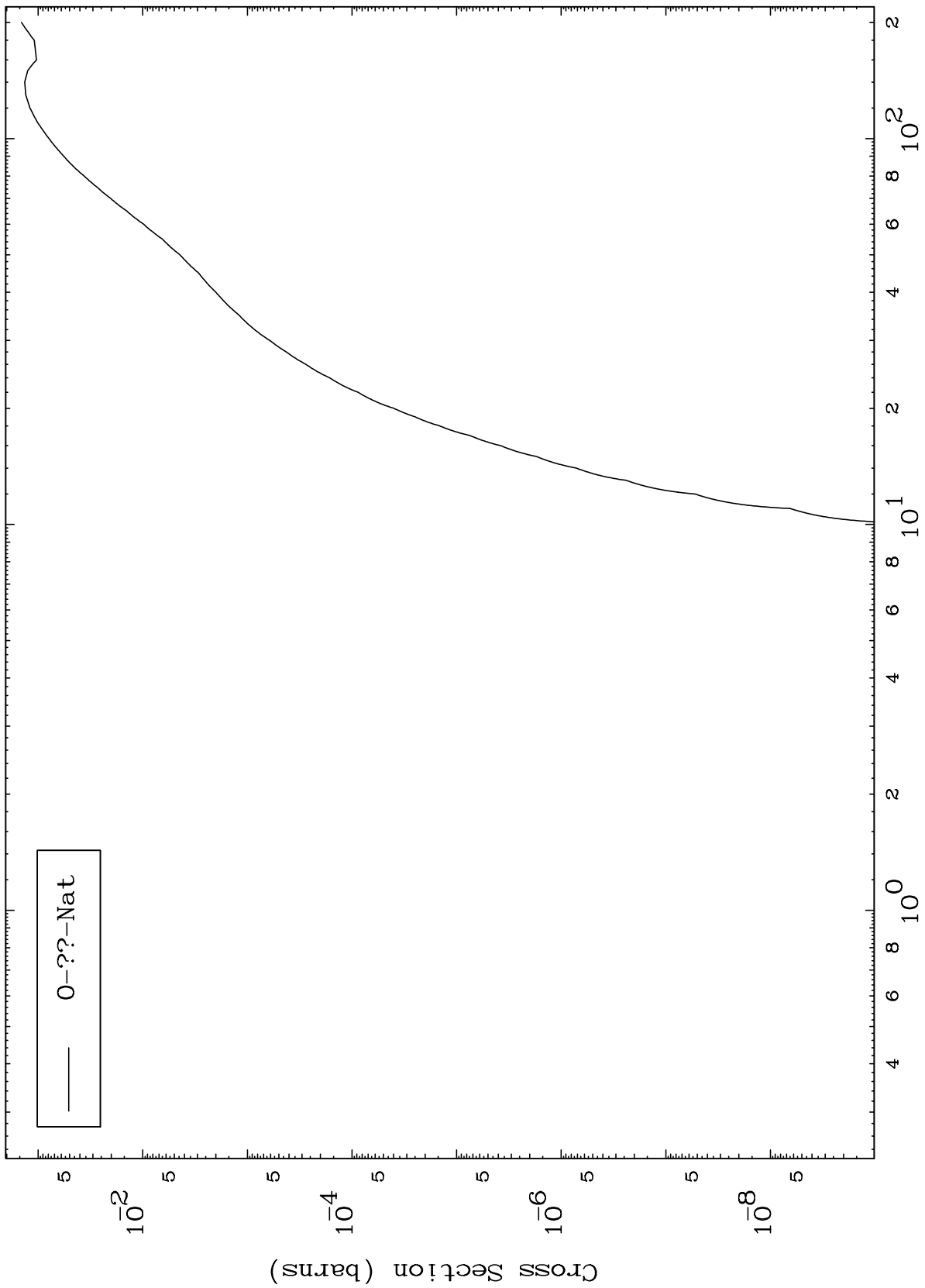


MAT 7935

Fission

⁷⁹Au-200m

Radionuclide Production Cross Section

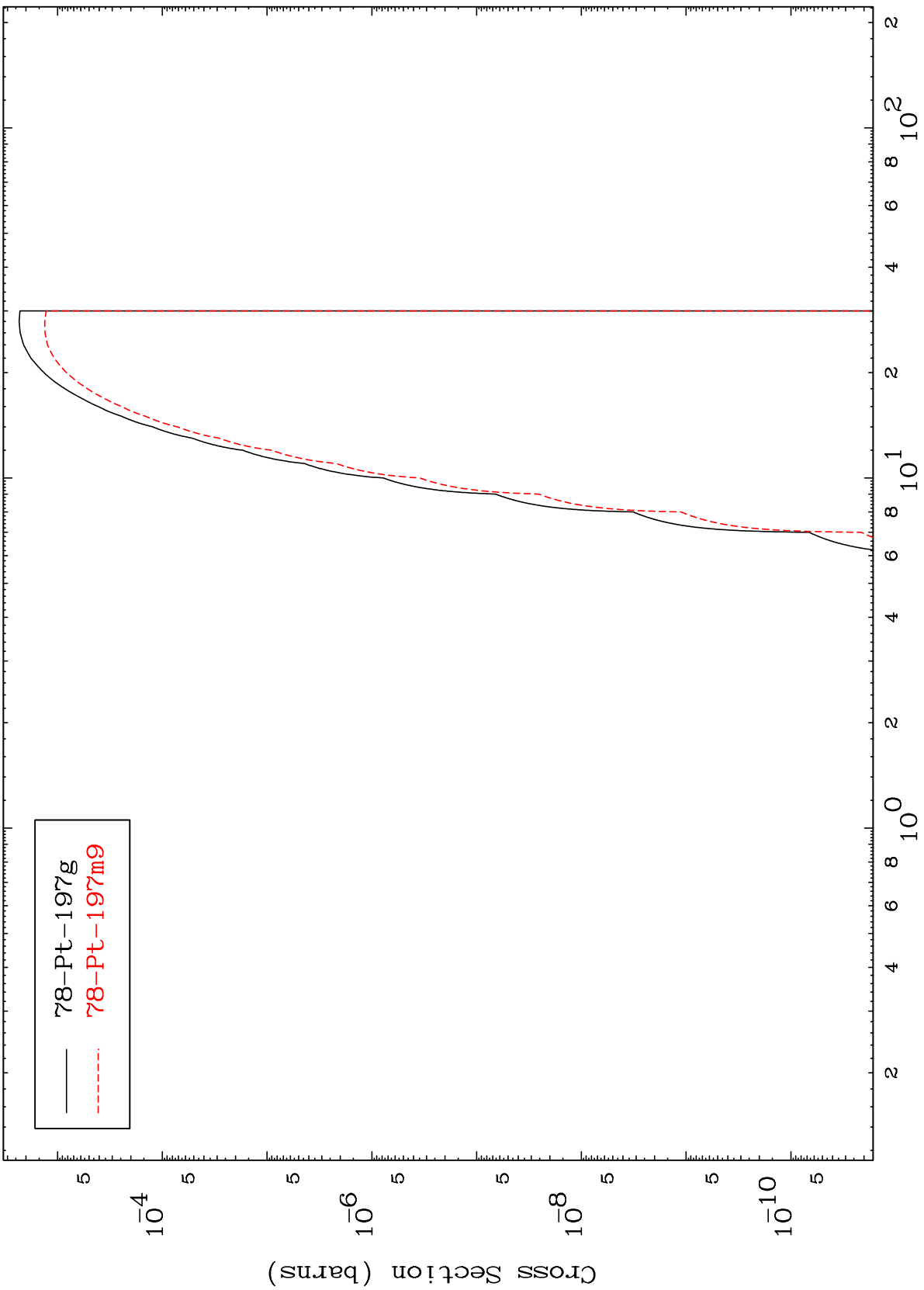


MAT 7935

$(n, n') \alpha$

79-Au-200m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

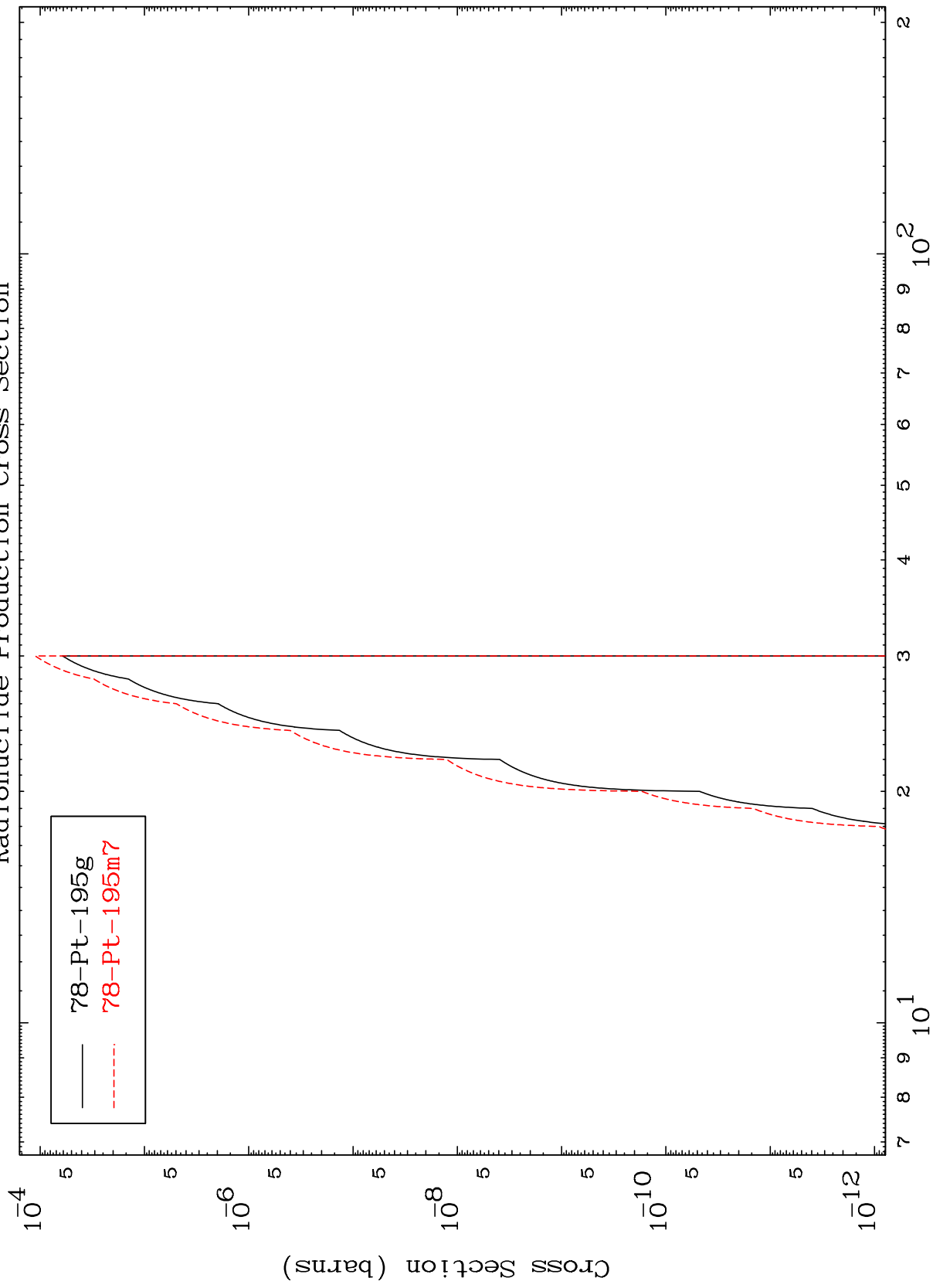
79-Au-200m

MAT 7935

$(n,3n) \alpha$

$^{79}\text{Au-200m}$

Radionuclide Production Cross Section



Incident Energy (MeV)

$^{79}\text{Au-200m}$

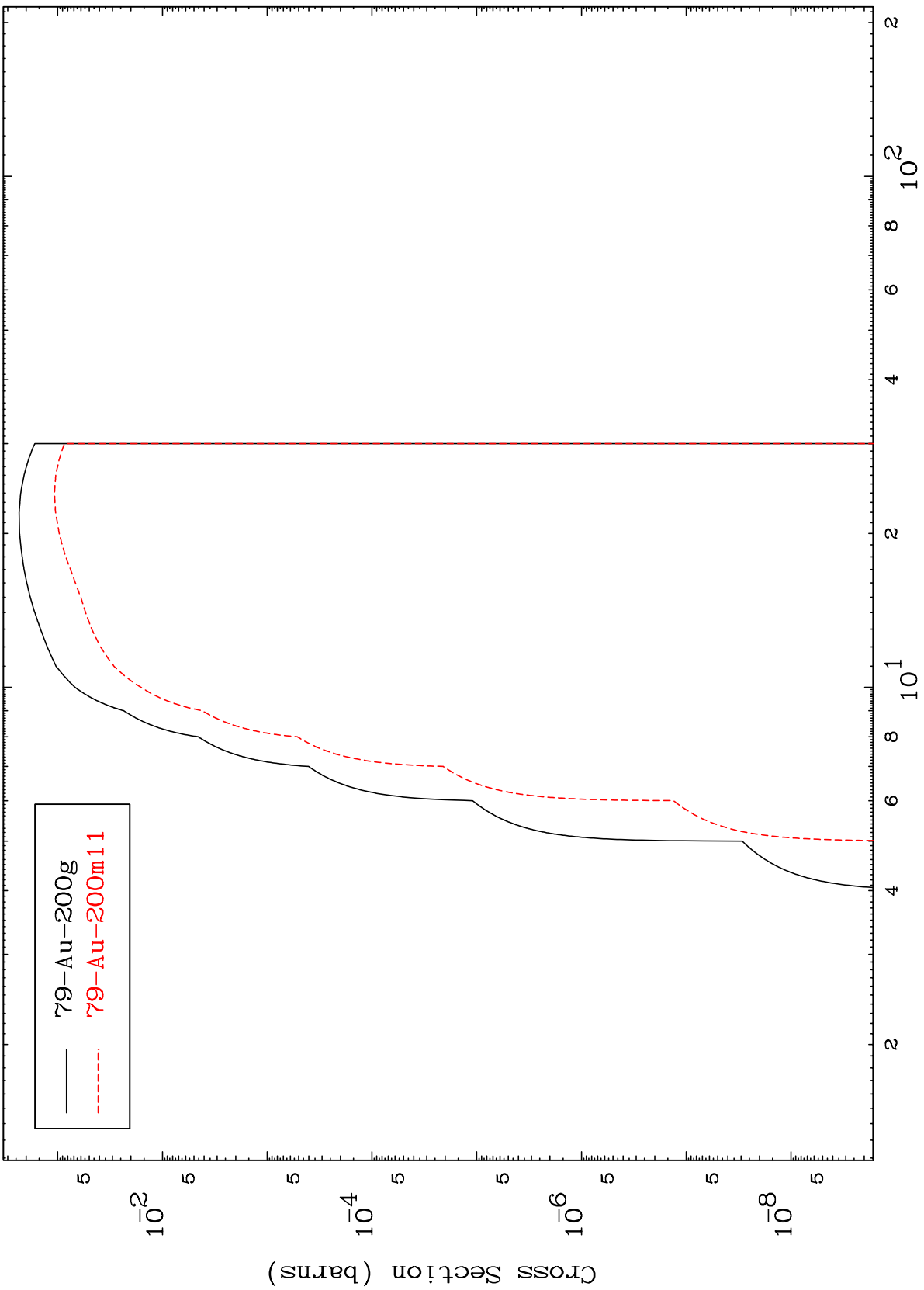
16

MAT 7935

(n,n') p

⁷⁹Au-200m

Radionuclide Production Cross Section



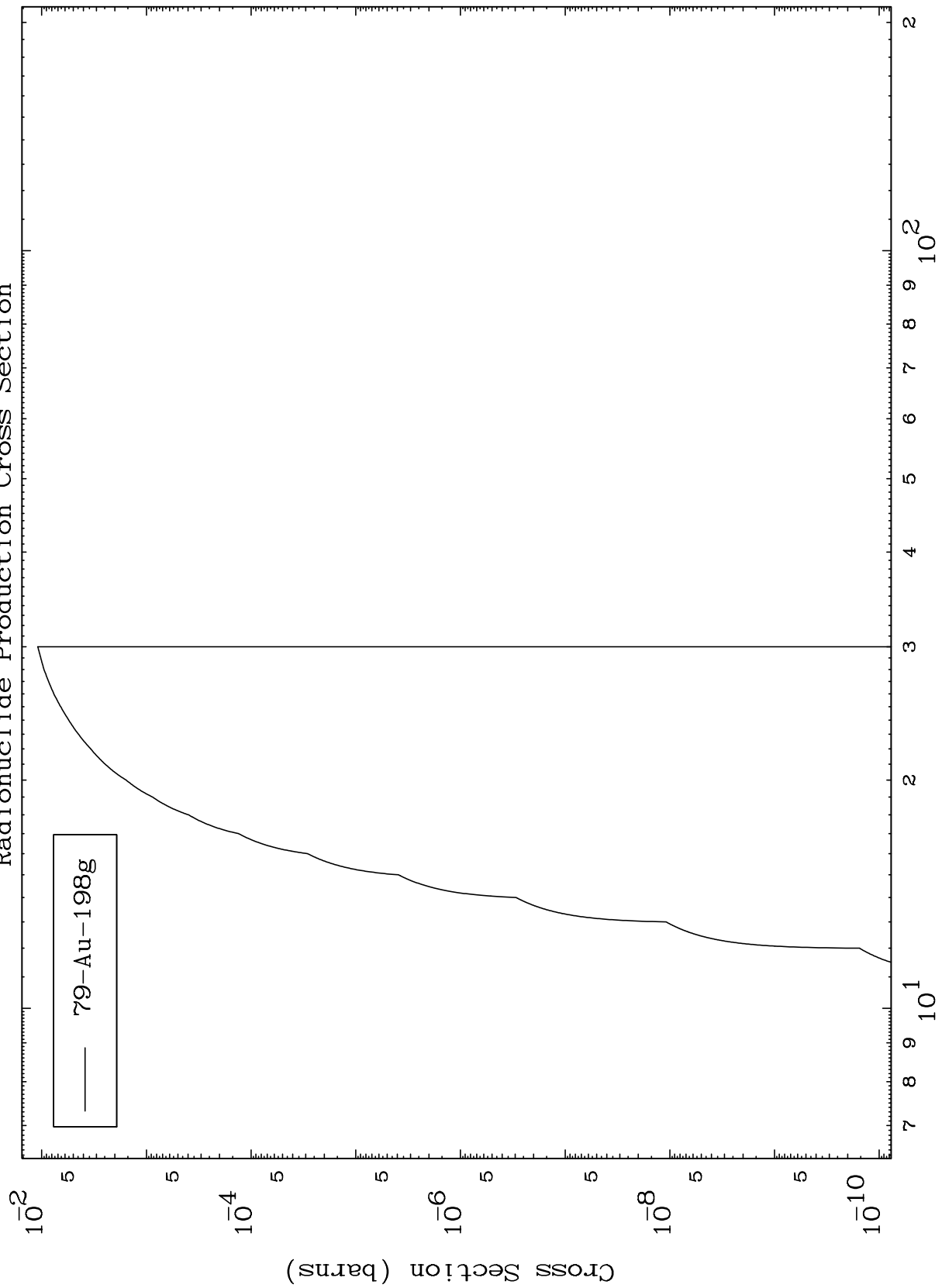
Legend:
— 79-Au-200g
- - - 79-Au-200m11

MAT 7935

(n,n') t

⁷⁹Au-200m

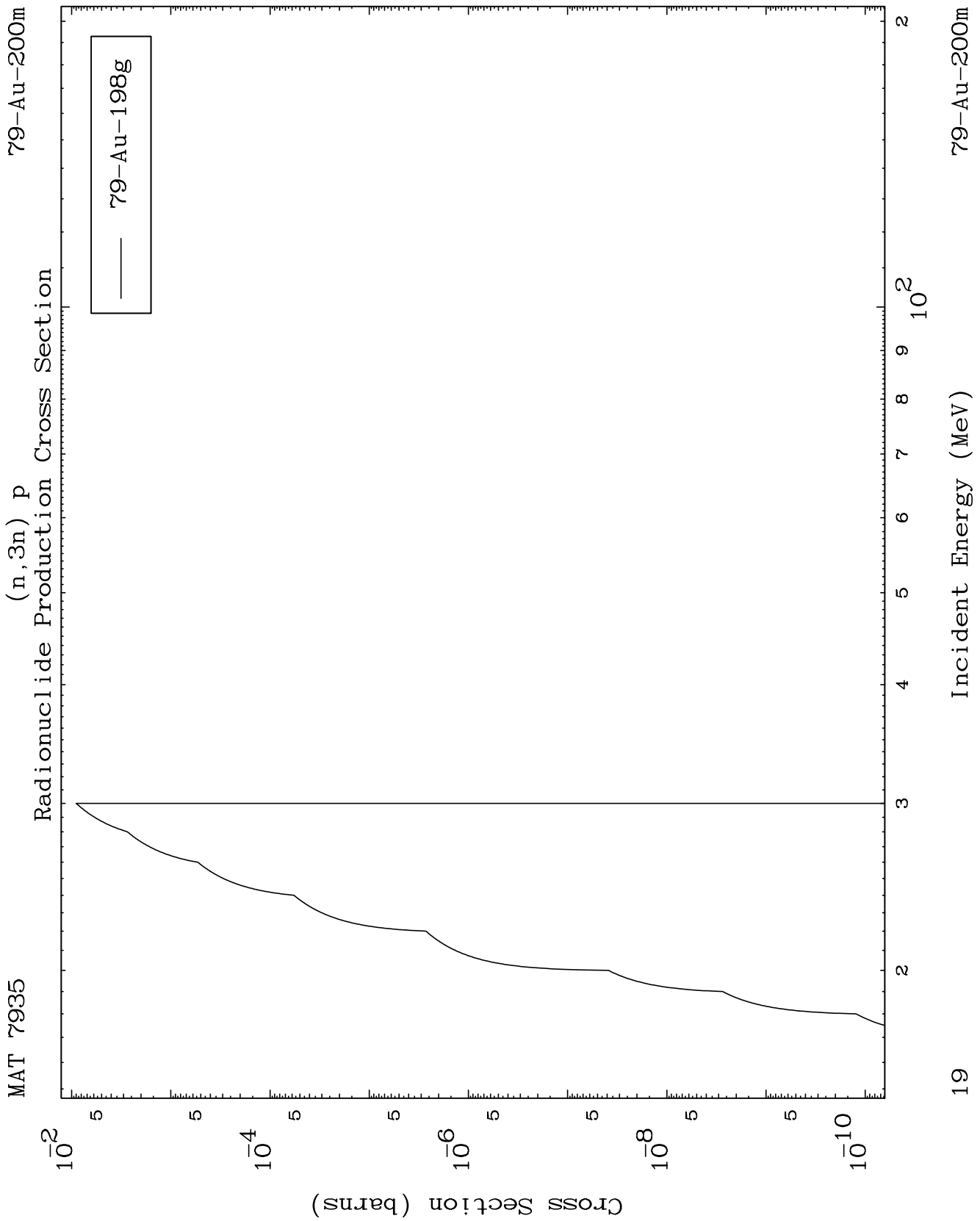
Radionuclide Production Cross Section



18

Incident Energy (MeV)

⁷⁹Au-200m

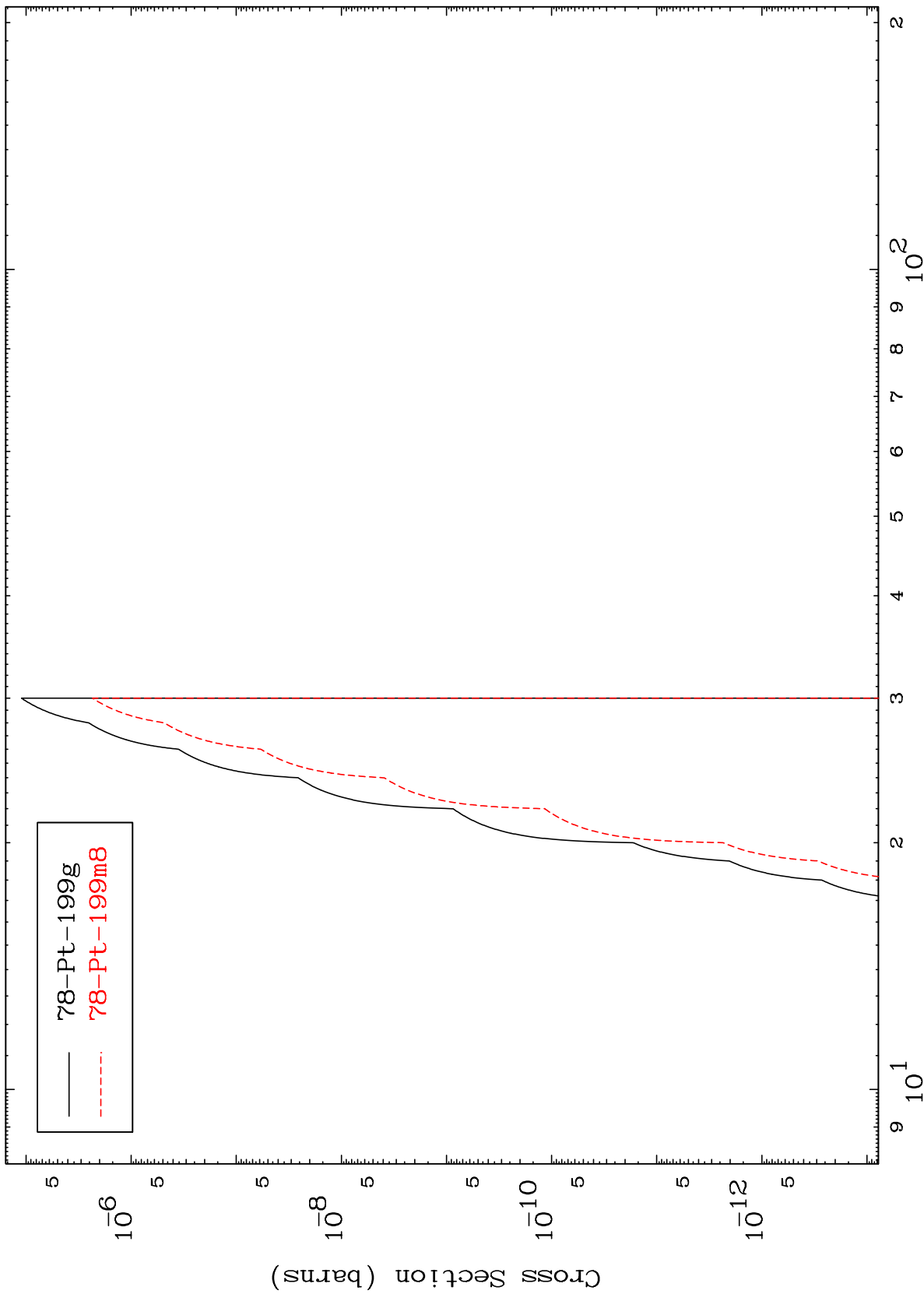


MAT 7935

(n,2n) p

79-Au-200m

Radionuclide Production Cross Section



78-Pt-199g
78-Pt-199m8

Incident Energy (MeV)

79-Au-200m

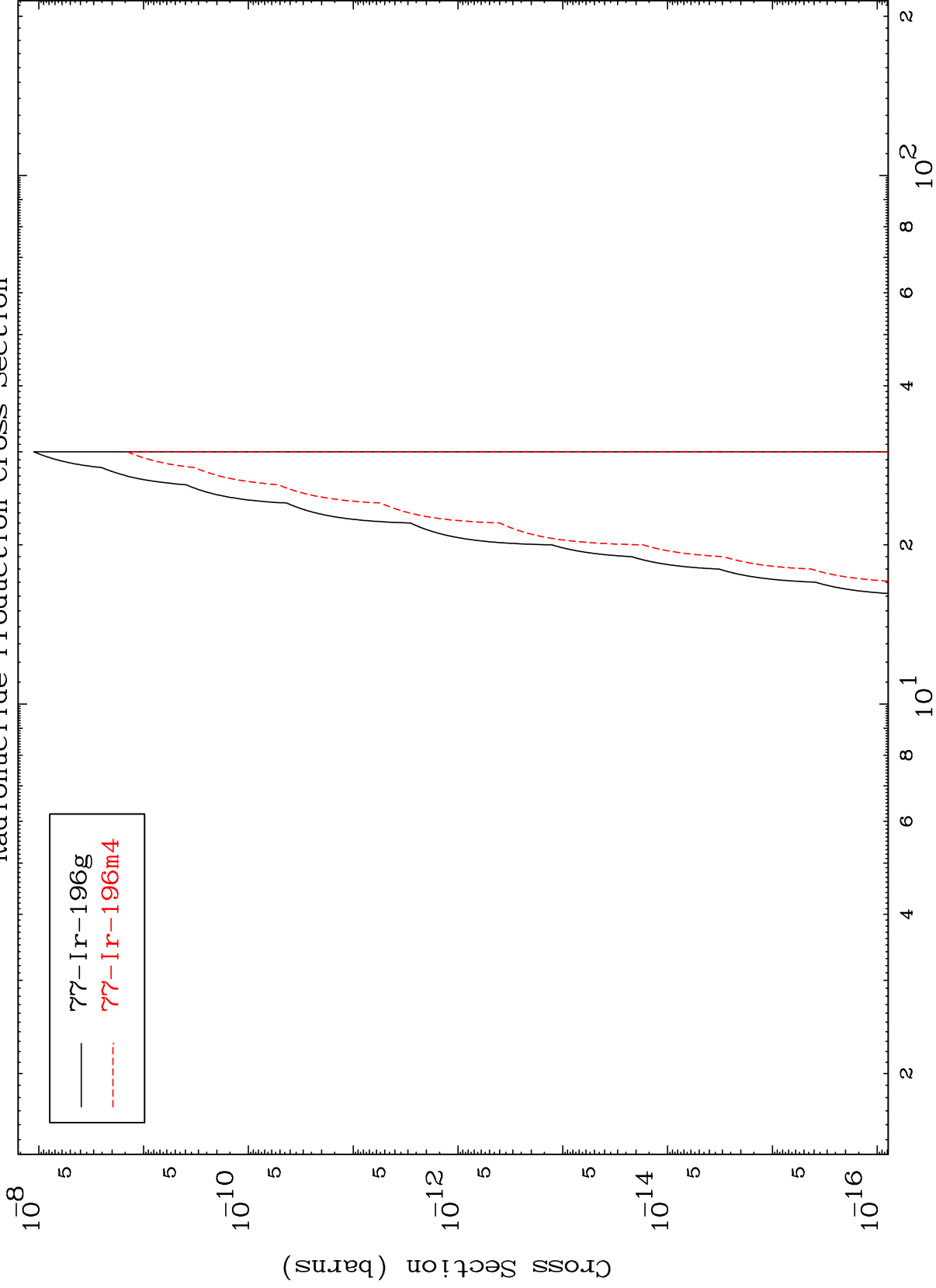
20

MAT 7935

(n,n') p α

⁷⁹Au-200m

Radionuclide Production Cross Section

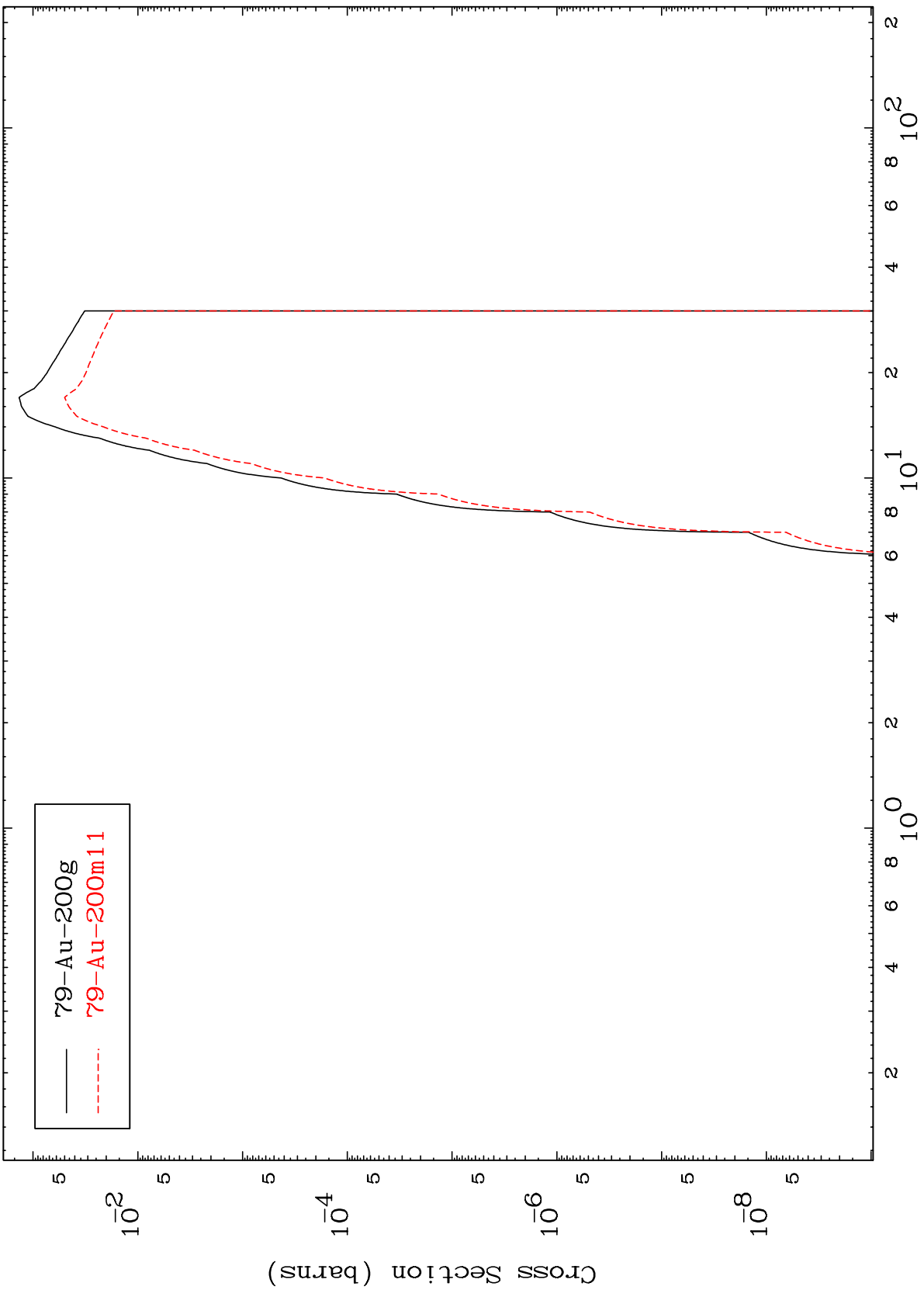


MAT 7935

(n,d)

⁷⁹Au-200m

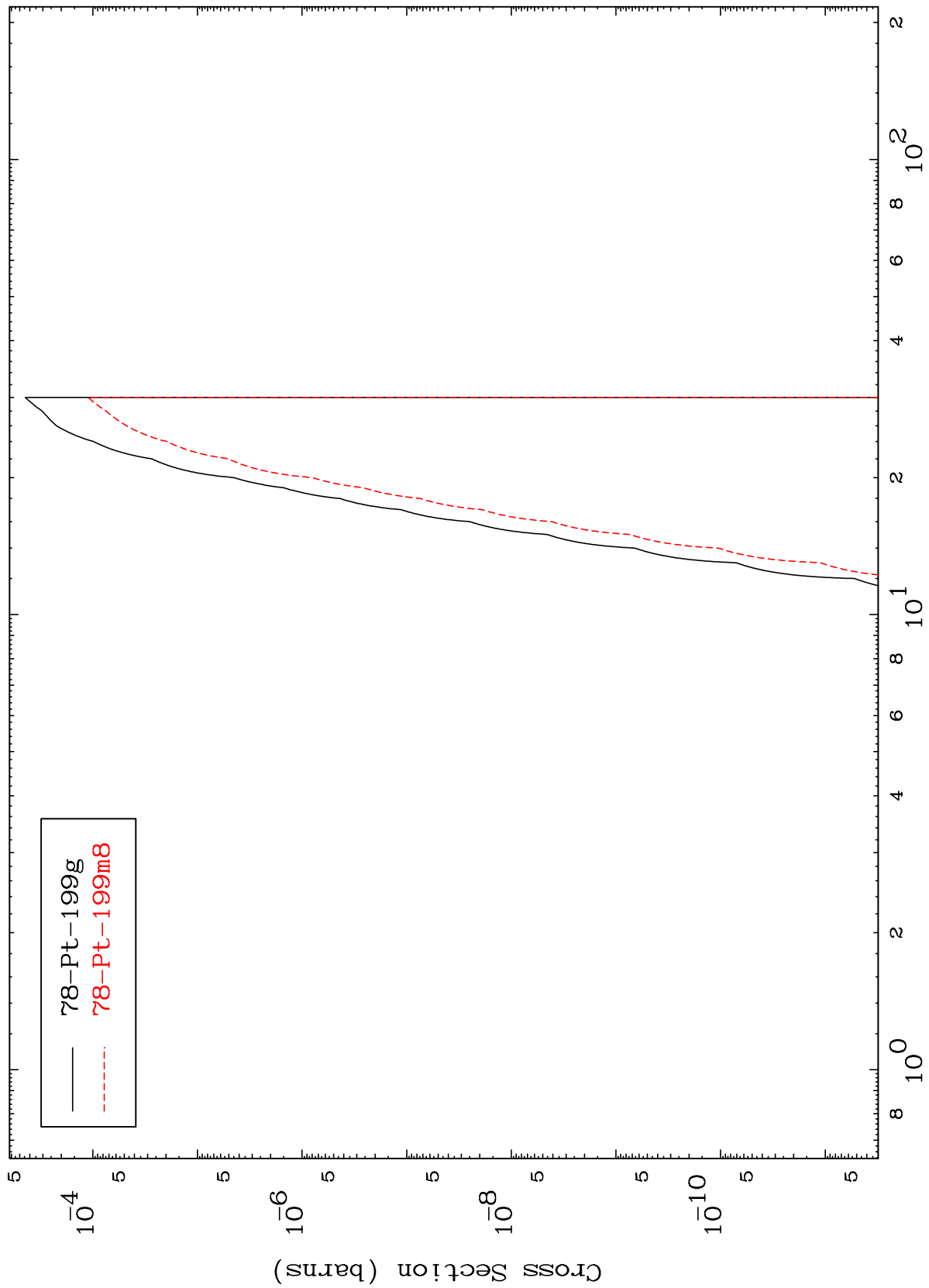
Radionuclide Production Cross Section



MAT 7935

79-Au-200m

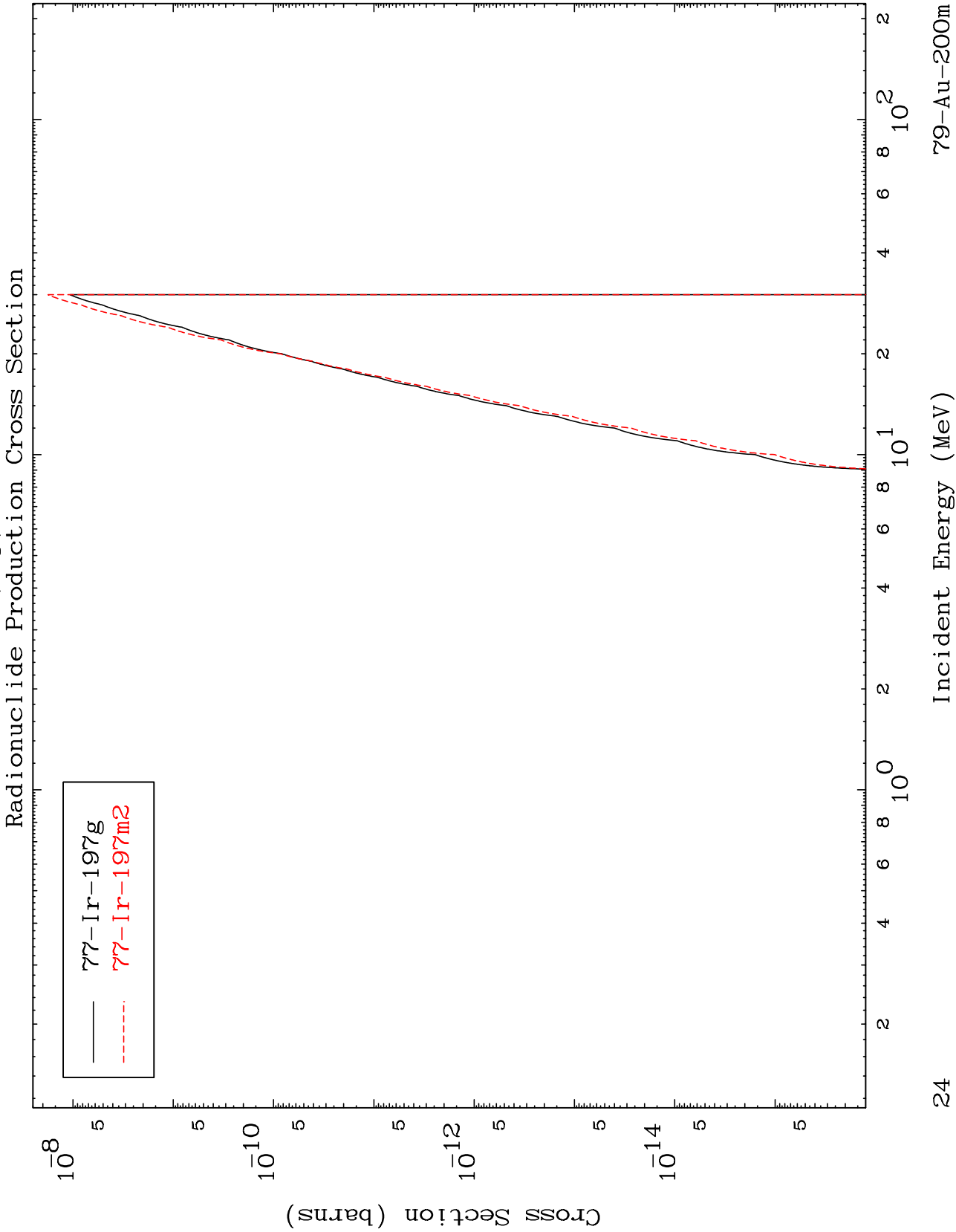
(n,He-3)
Radionuclide Production Cross Section



MAT 7935

(n,p) α

⁷⁹Au-200m

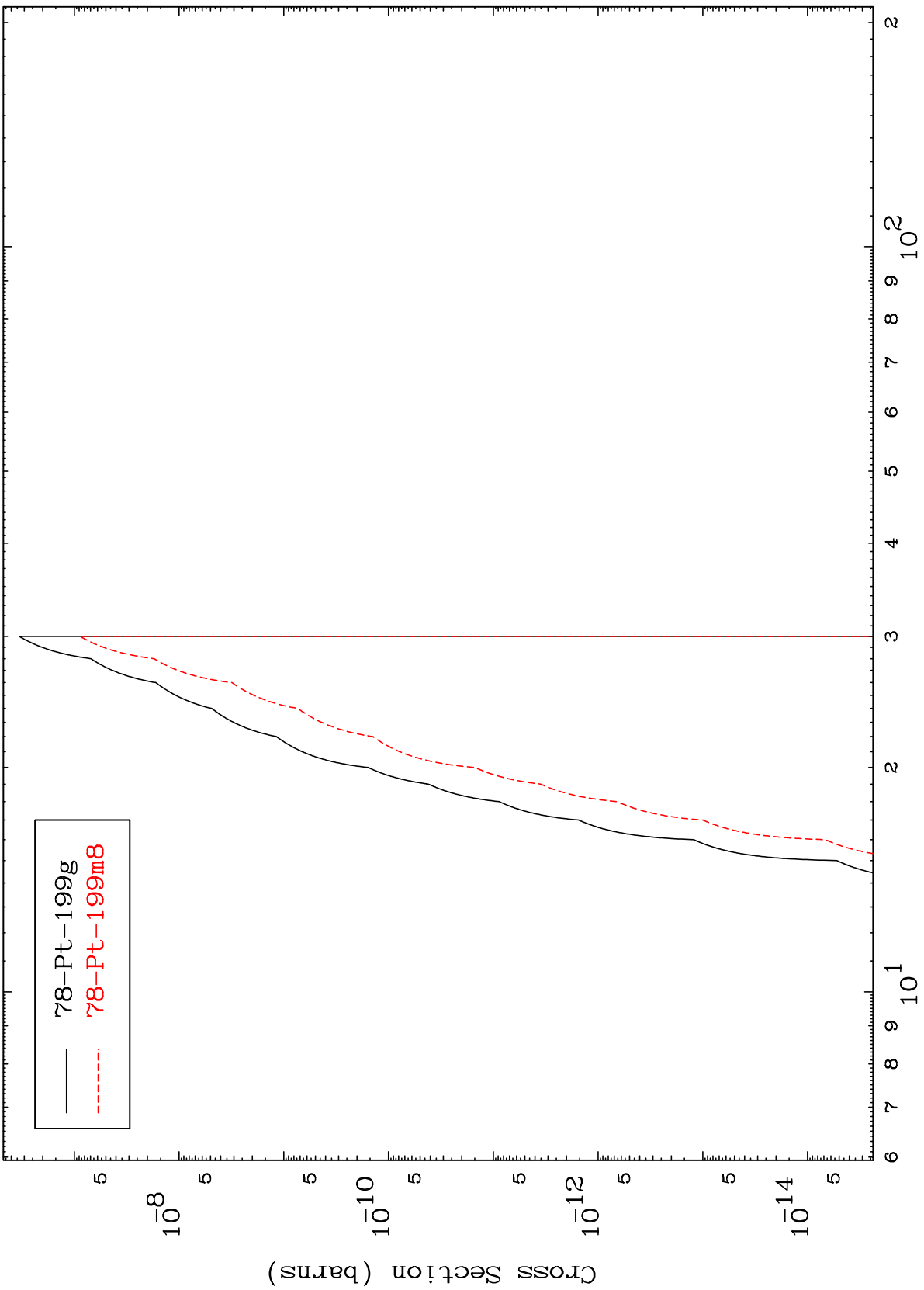


MAT 7935

(n,p) d

⁷⁹Au-200m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

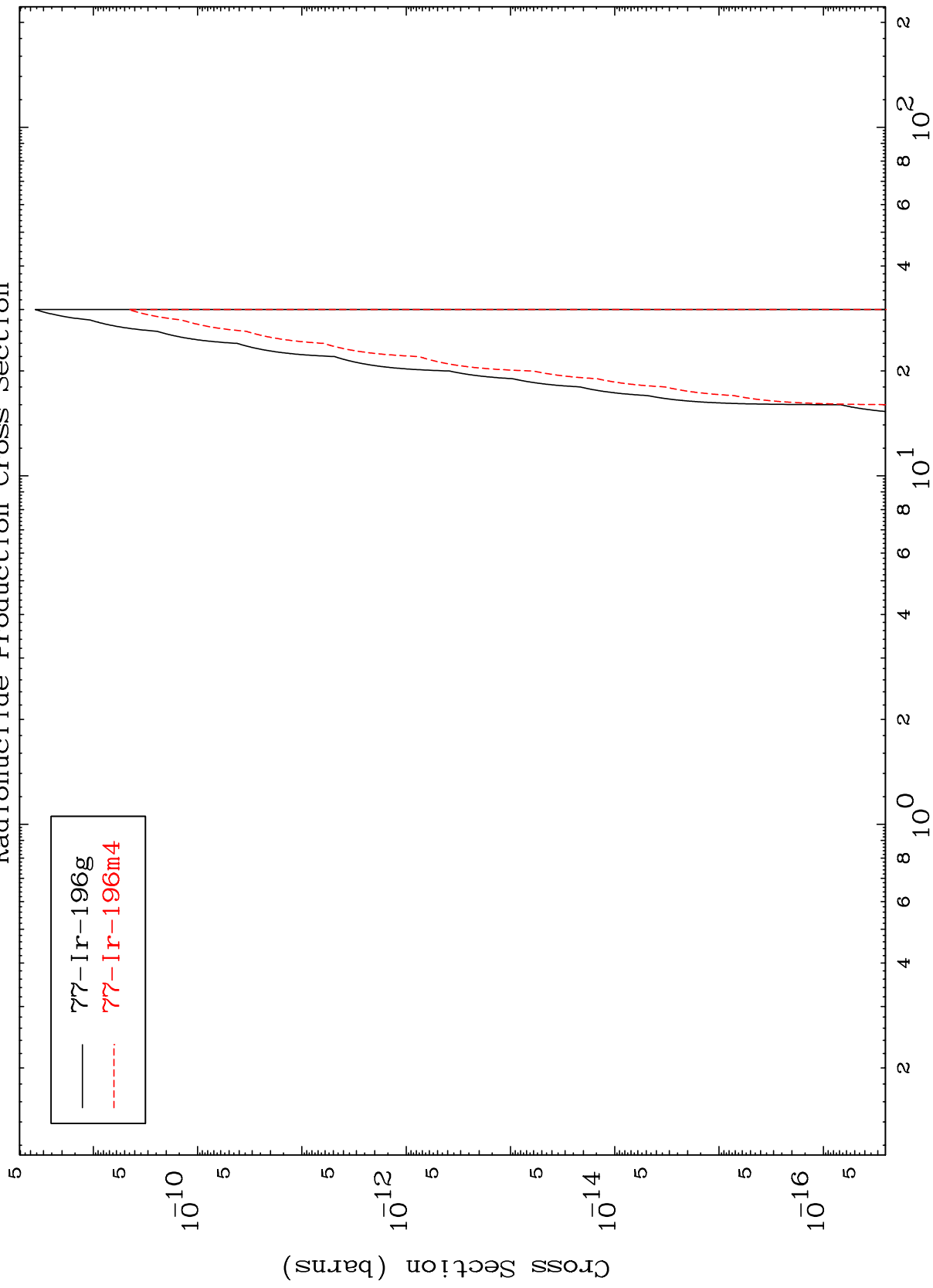
⁷⁹Au-200m

MAT 7935

(n,d) α

$^{79}\text{Au-200m}$

Radionuclide Production Cross Section



26

Incident Energy (MeV)

$^{79}\text{Au-200m}$