

Program EVALPLOT
(Version 2018-1)

by

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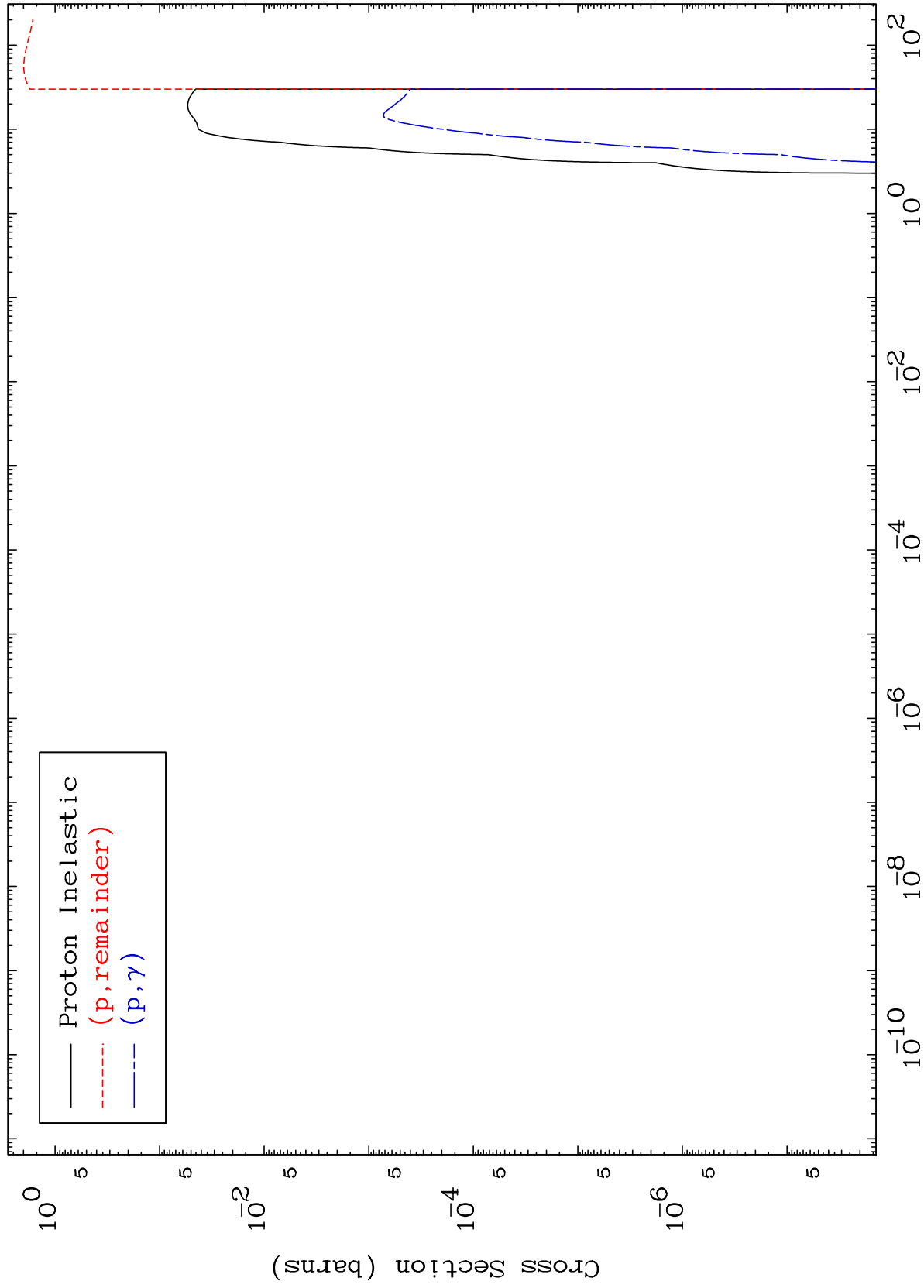
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7931

Proton Major
0 Kelvin Cross Sections

79-Au-199



1

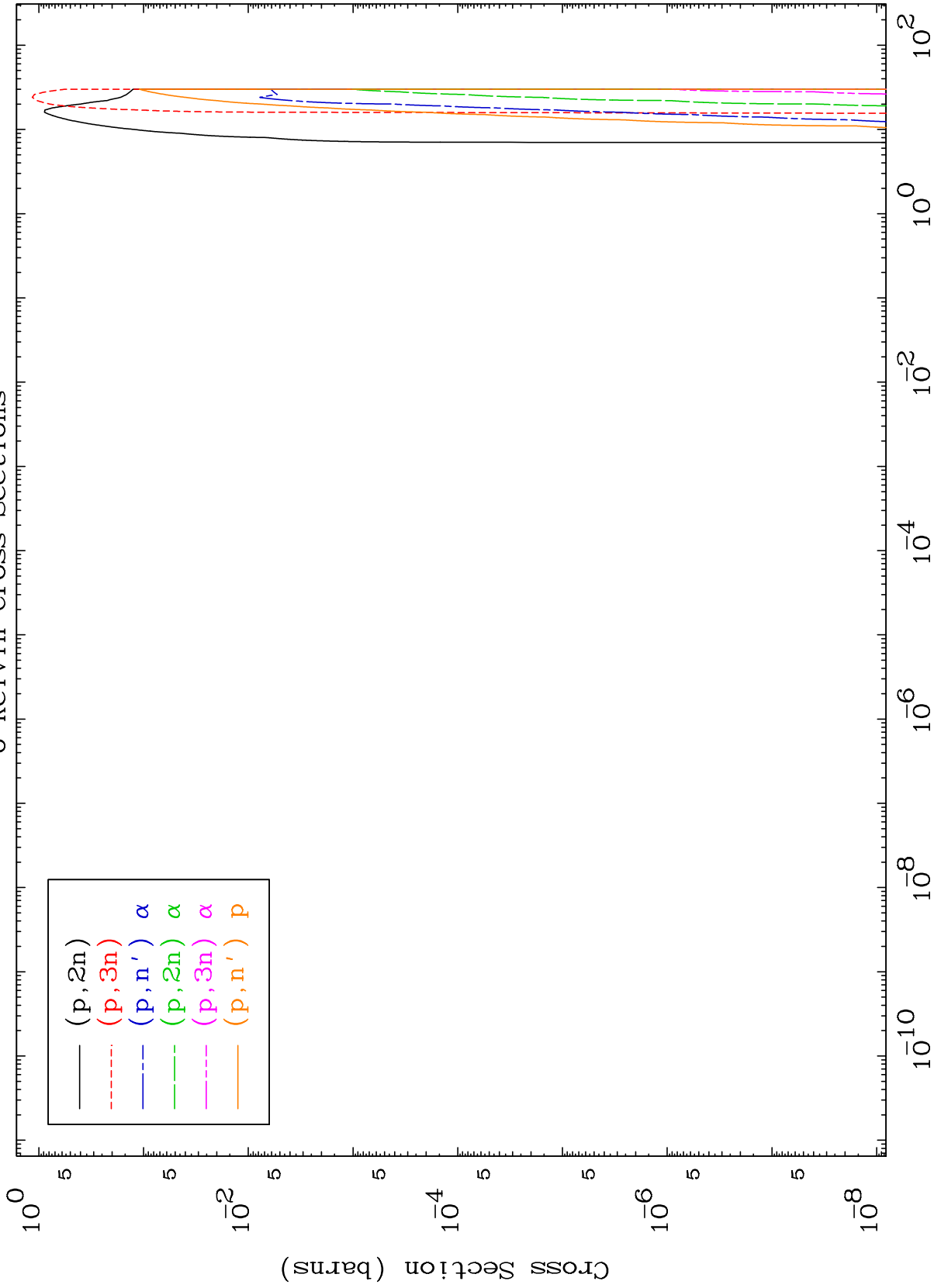
Incident Energy (MeV)

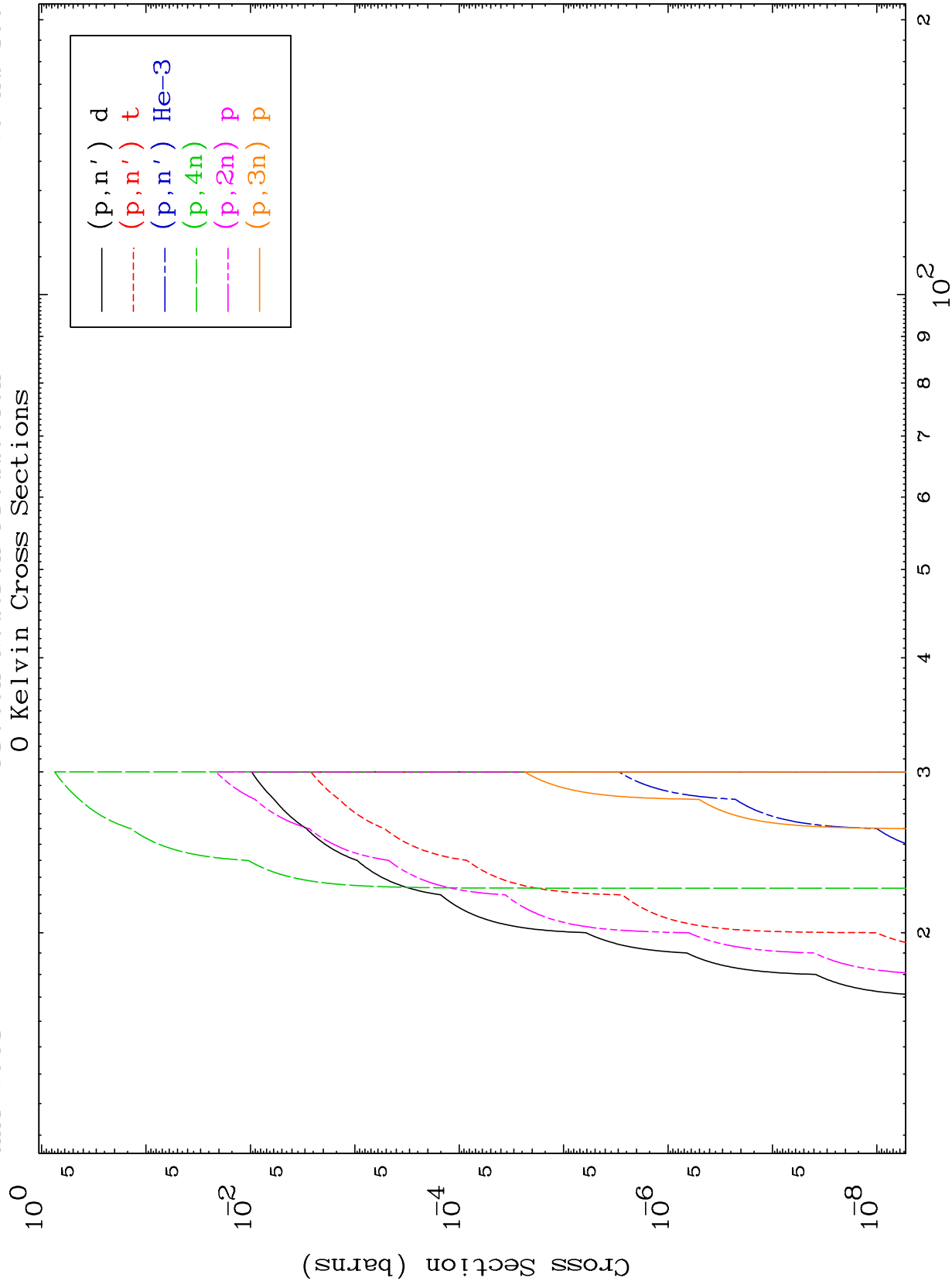
79-Au-199

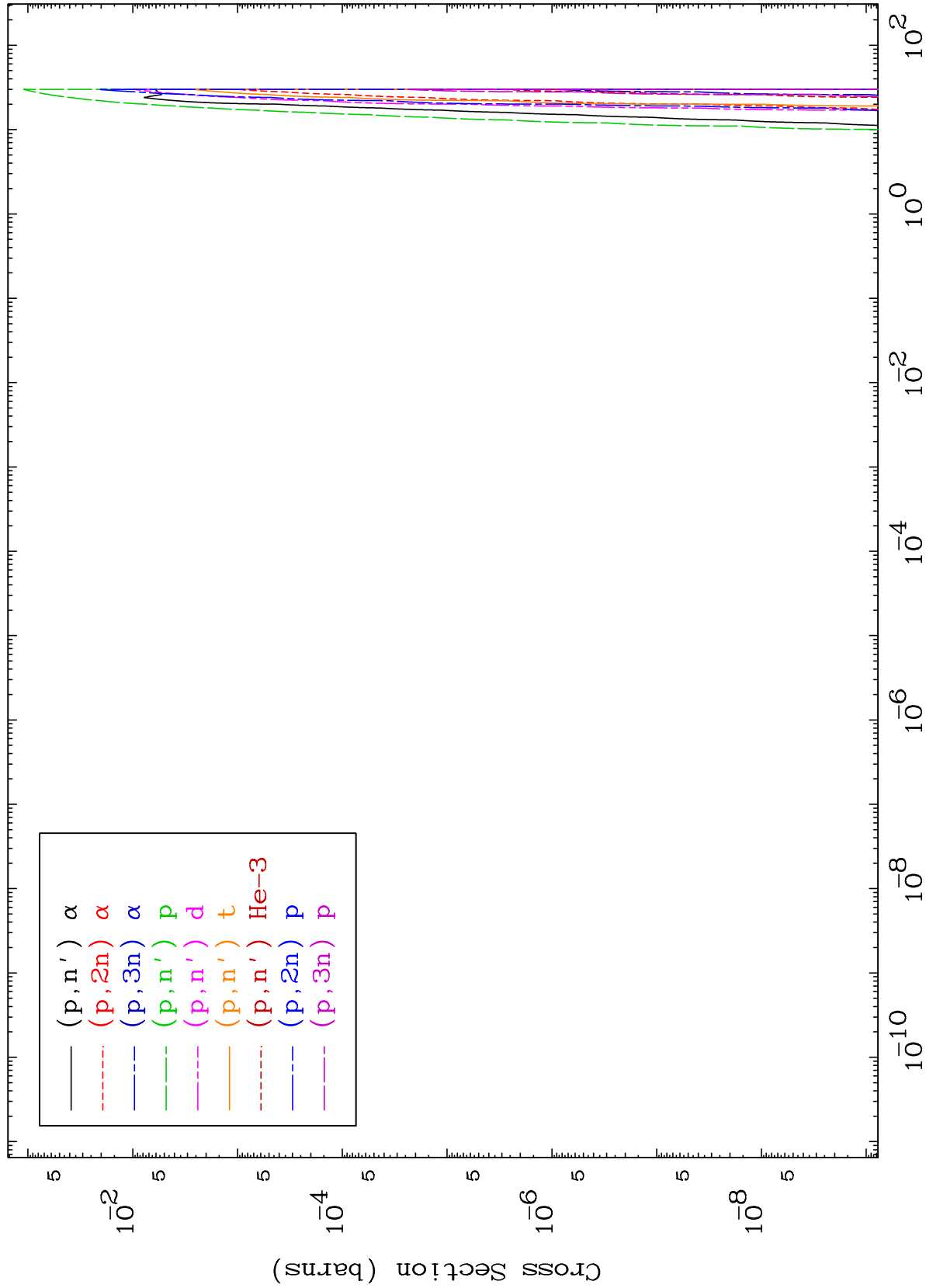
MAT 7931

Proton Neutron Production
0 Kelvin Cross Sections

79-Au-199



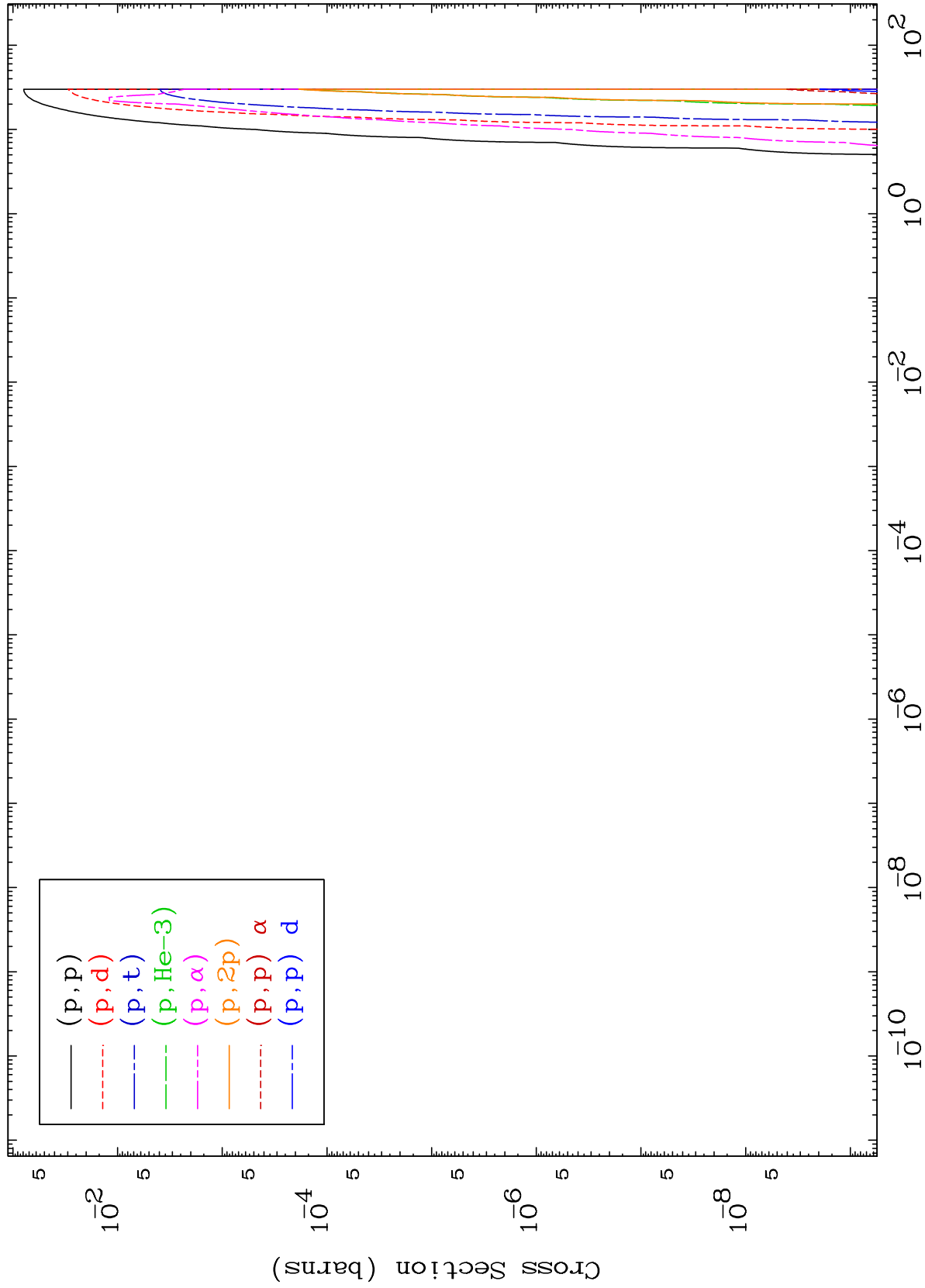




MAT 7931

Proton Charged Particle
0 Kelvin Cross Sections

79-Au-199



5

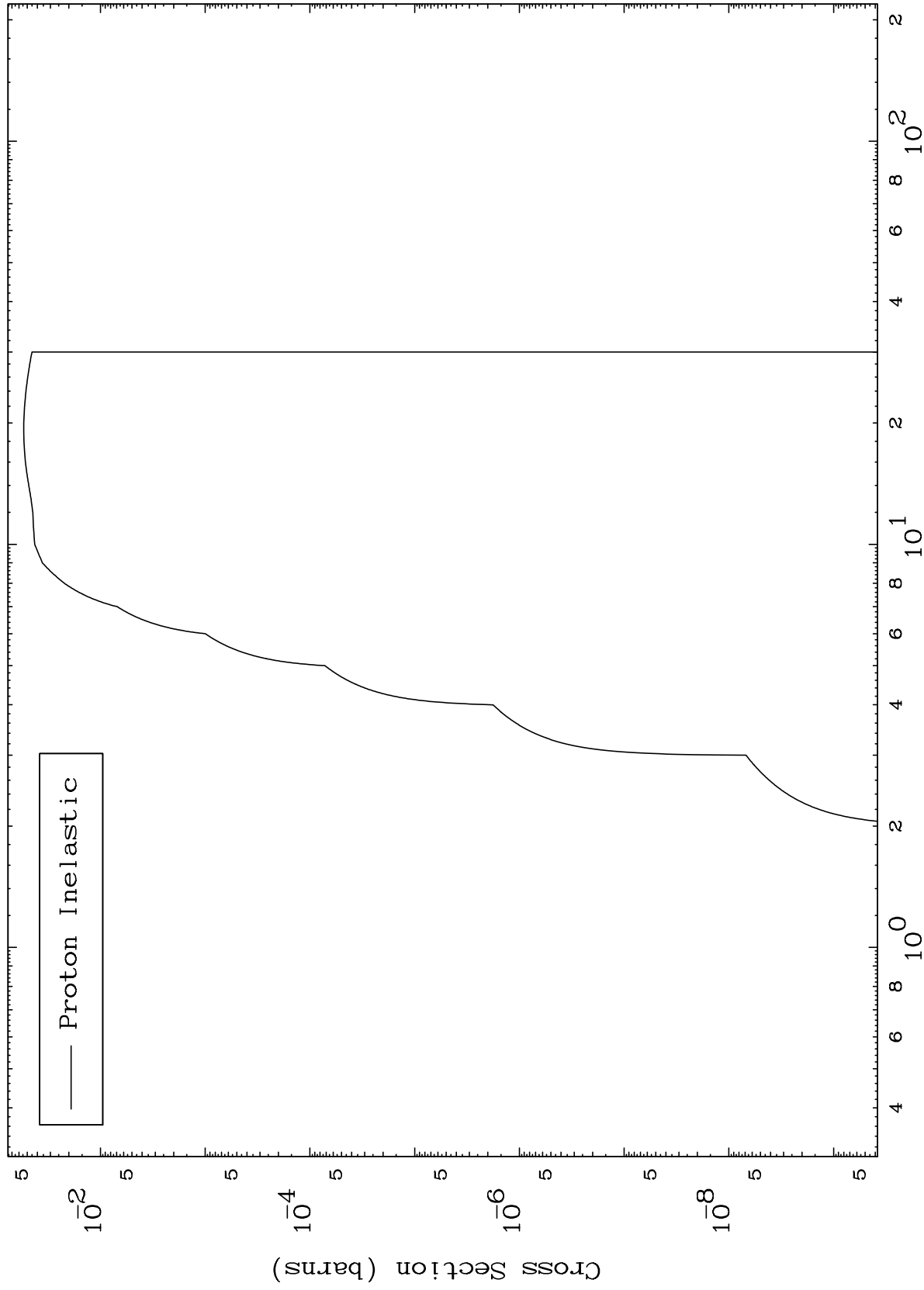
Incident Energy (MeV)

79-Au-199

MAT 7931

79-Au-199

(p,n') Level
0 Kelvin Cross Sections



6

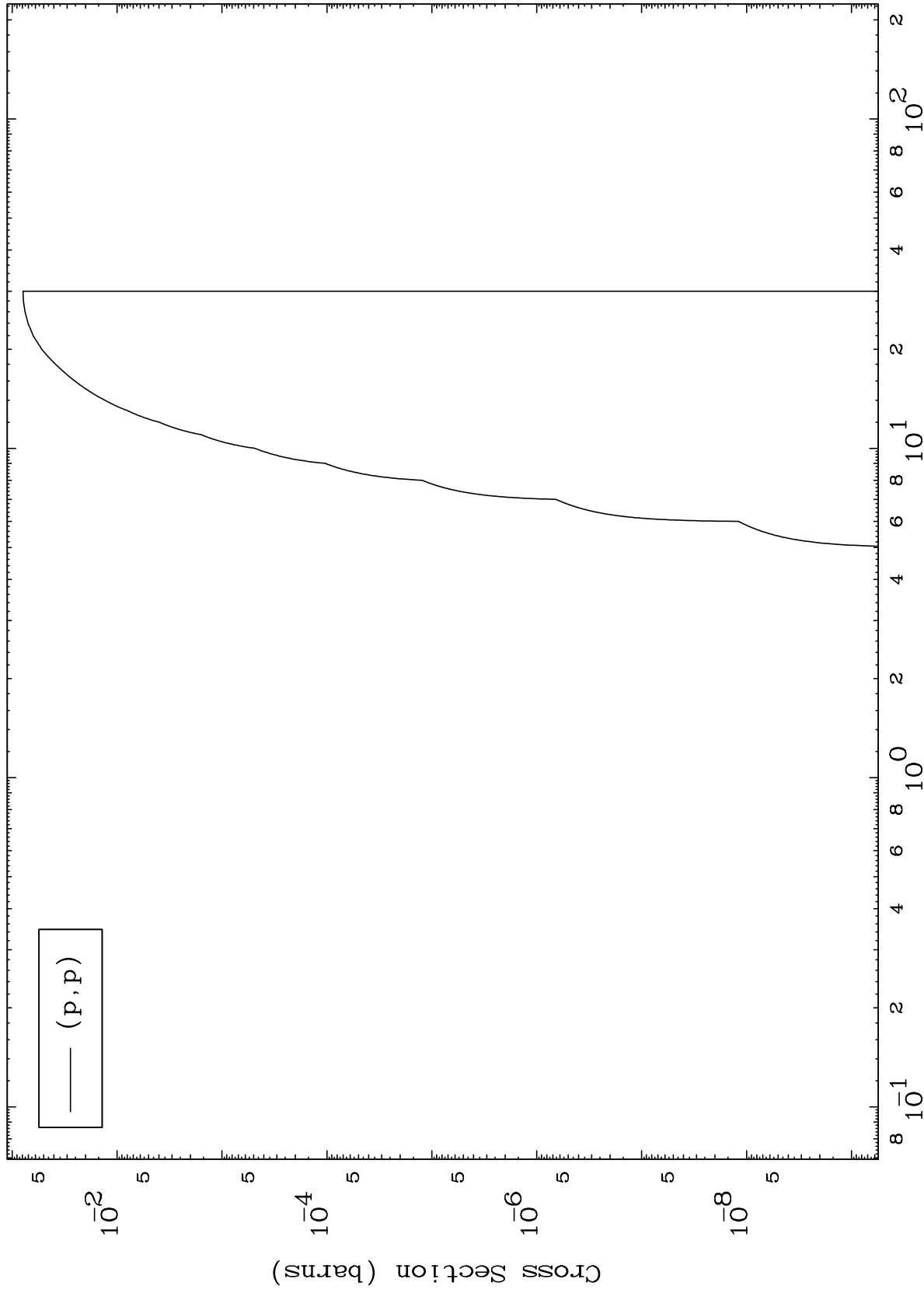
Incident Energy (MeV)

79-Au-199

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79-Au-199

(p,p) Levels
0 Kelvin Cross Sections



7

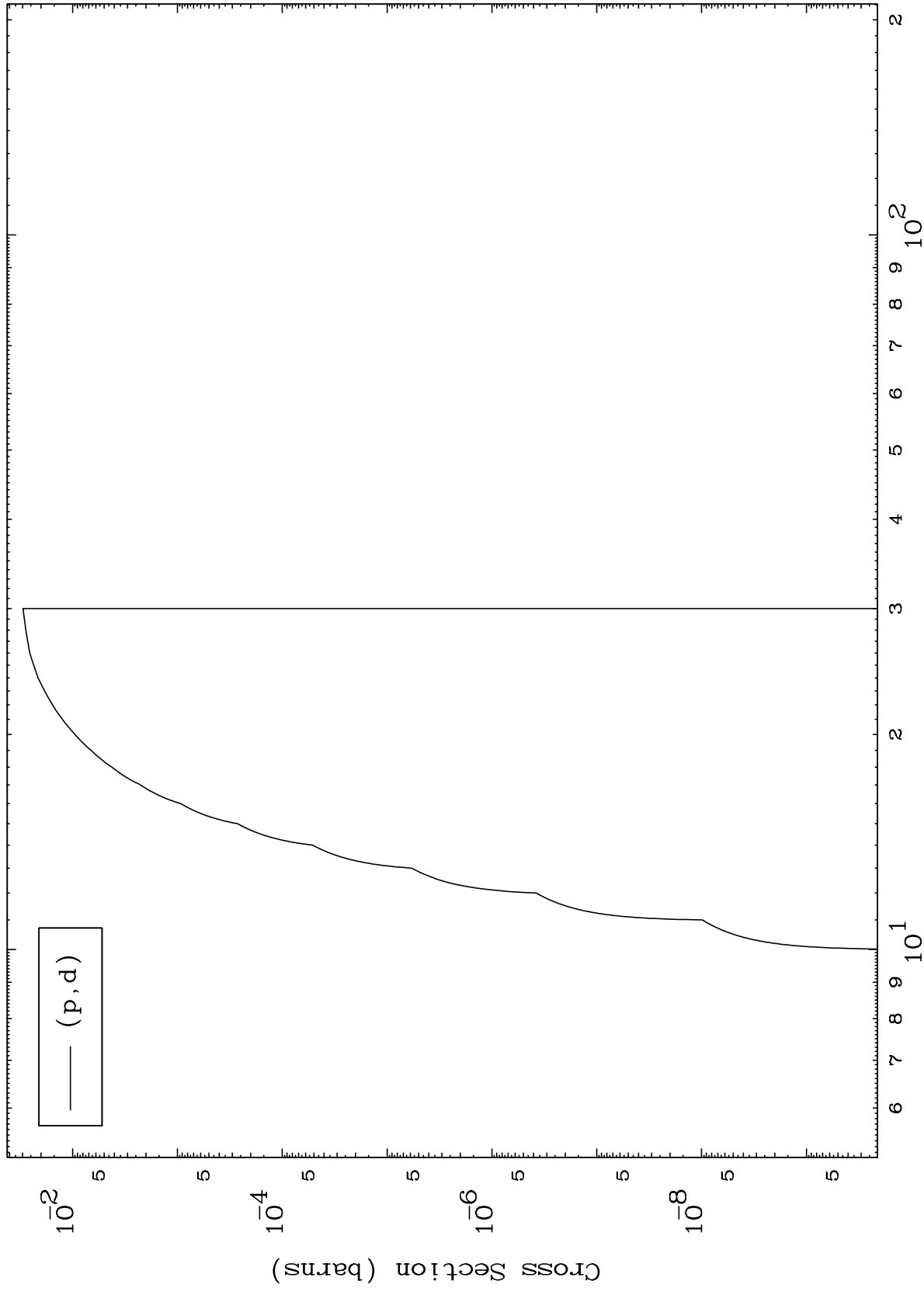
Incident Energy (MeV)

79-Au-199

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79-Au-199

(p,d) Levels
0 Kelvin Cross Sections



8

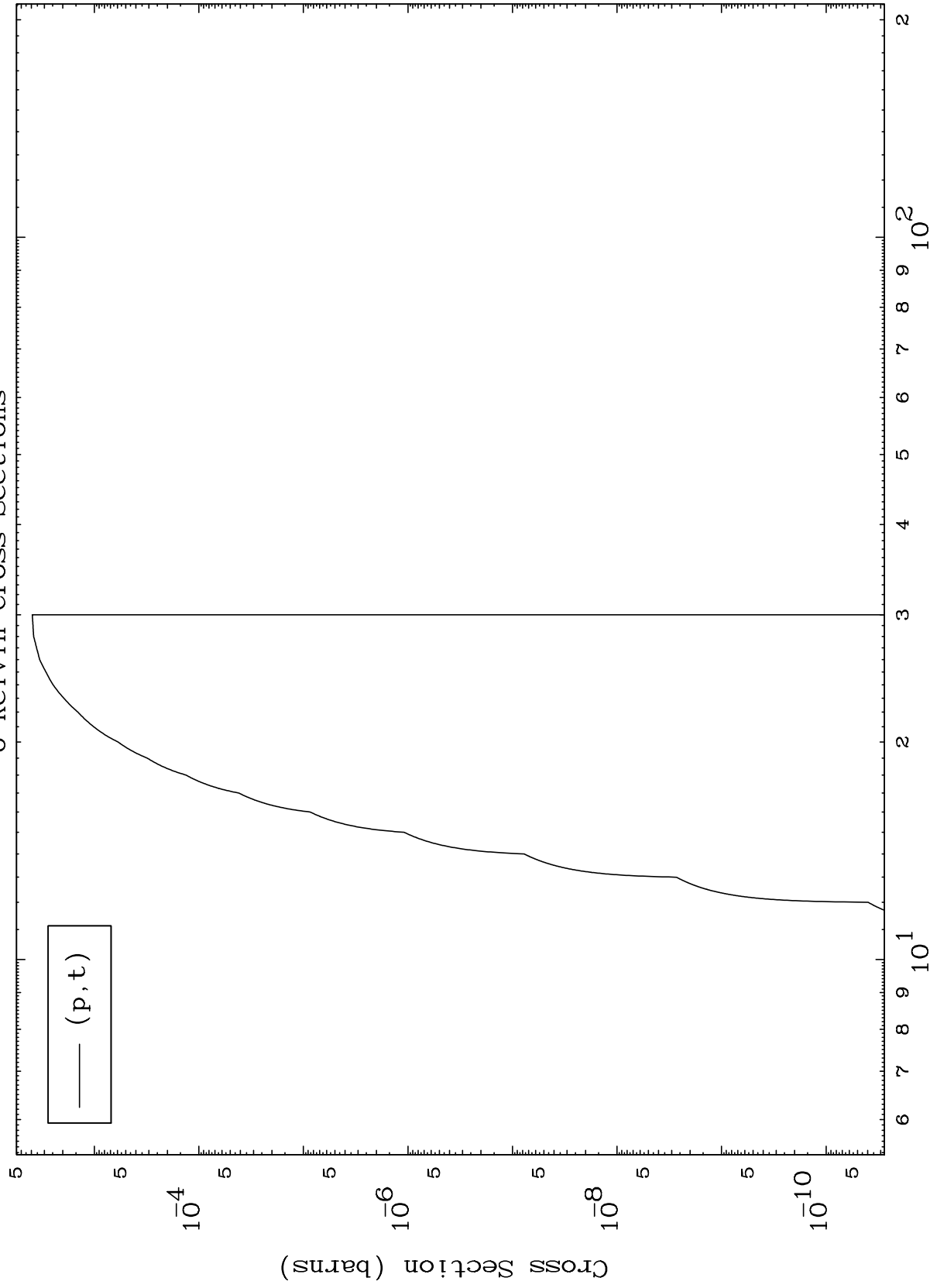
Incident Energy (MeV)

79-Au-199

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79-Au-199

(p,t) Levels
0 Kelvin Cross Sections



9

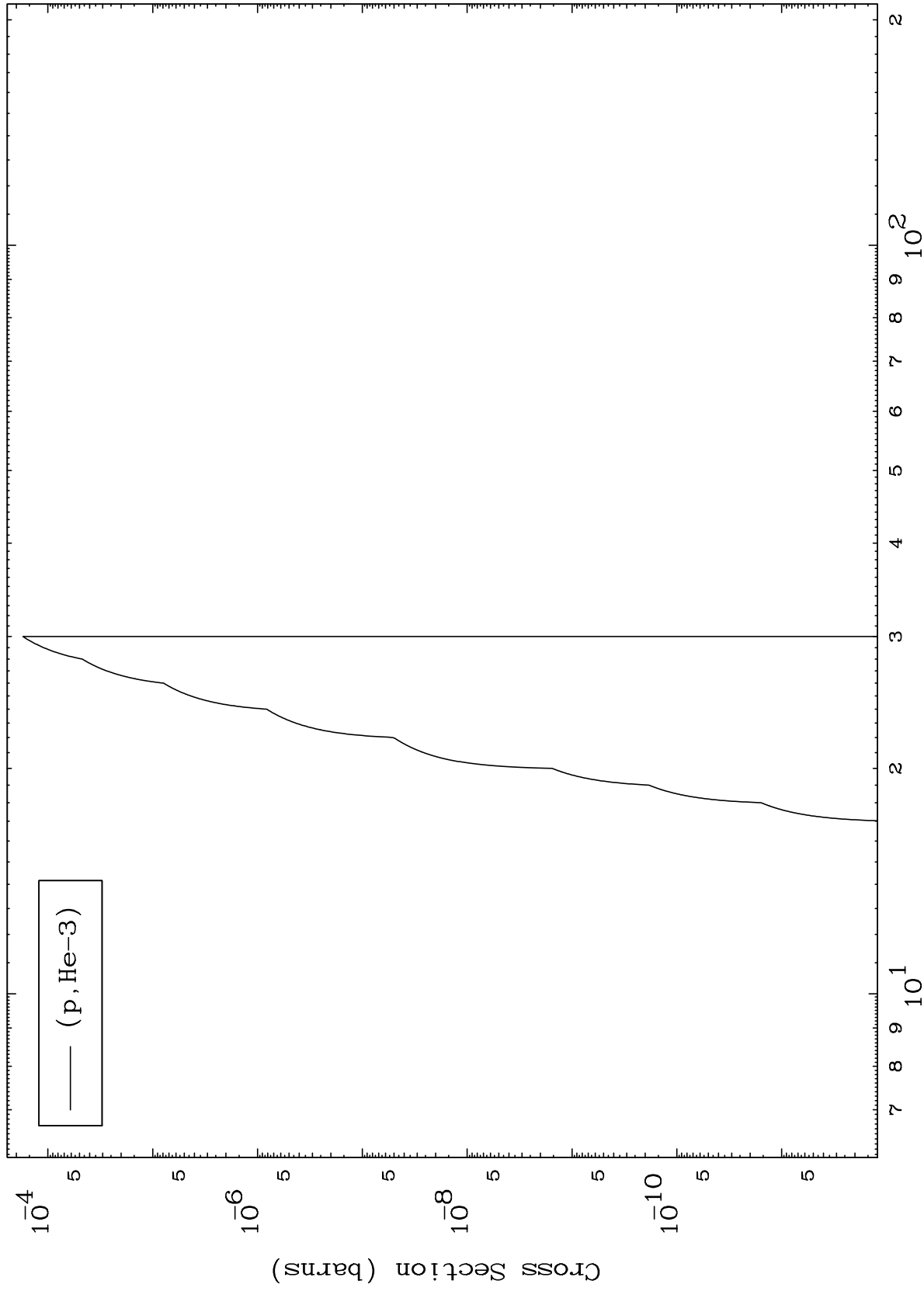
Incident Energy (MeV)

79-Au-199

MAT 7931

(p,He3) Levels
0 Kelvin Cross Sections

79-Au-199



10

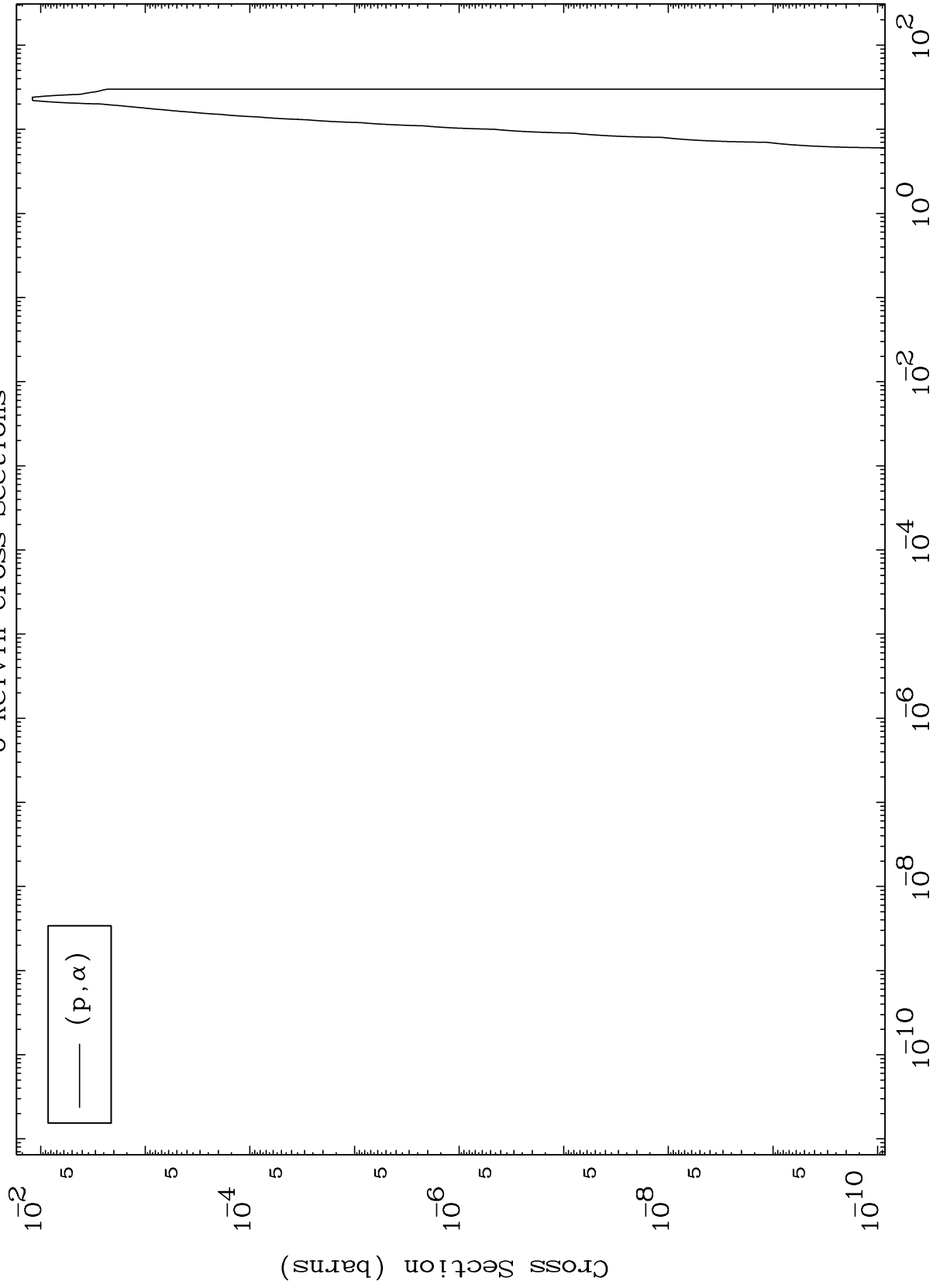
Incident Energy (MeV)

79-Au-199

MAT 7931

(p, α) Levels
0 Kelvin Cross Sections

79-Au-199



11

Incident Energy (MeV)

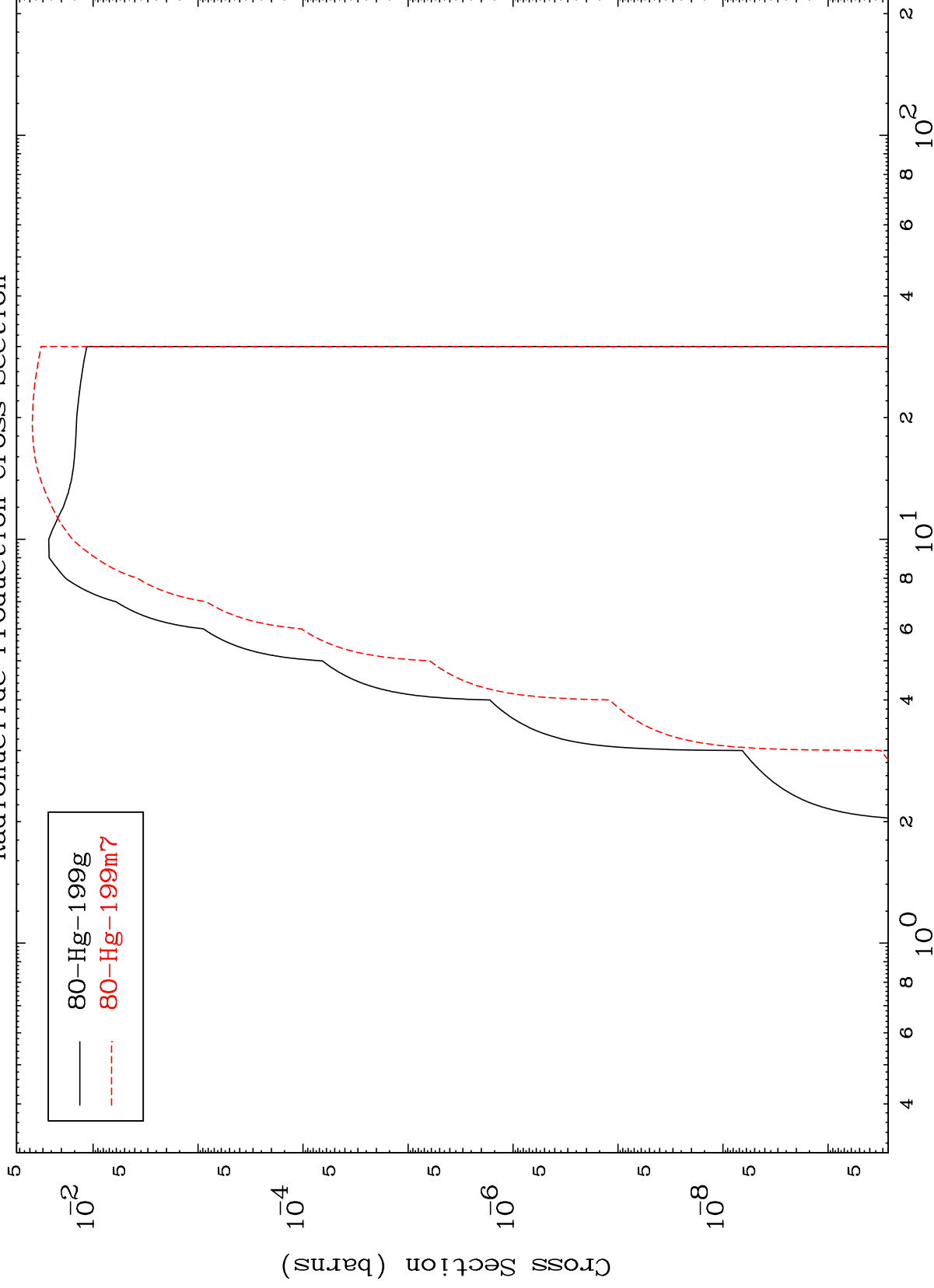
79-Au-199

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Proton Inelastic

⁷⁹Au-199

Radionuclide Production Cross Section



12

Incident Energy (MeV)

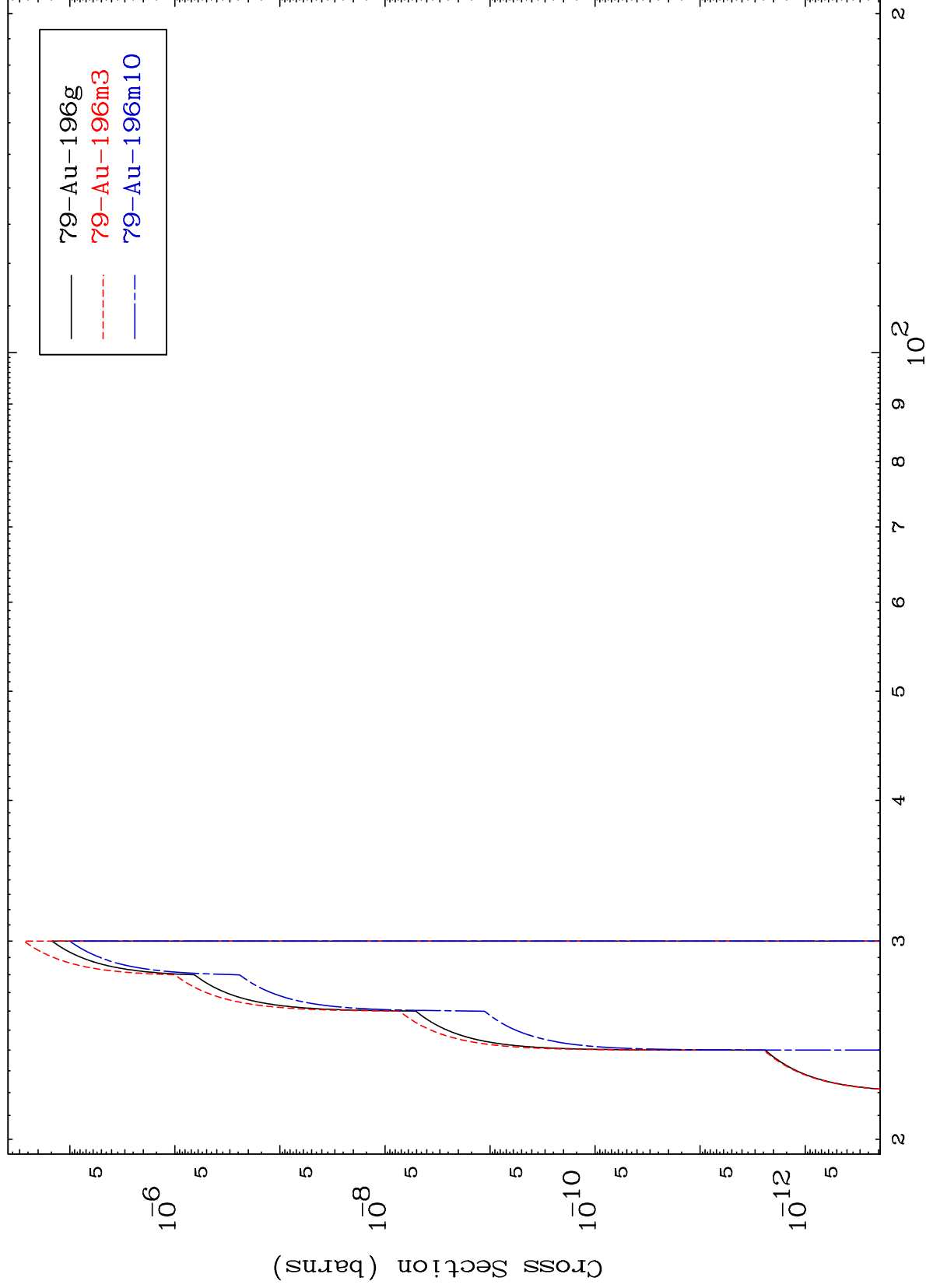
⁷⁹Au-199

MAT 7931

(p,2n) d

⁷⁹Au-¹⁹⁹

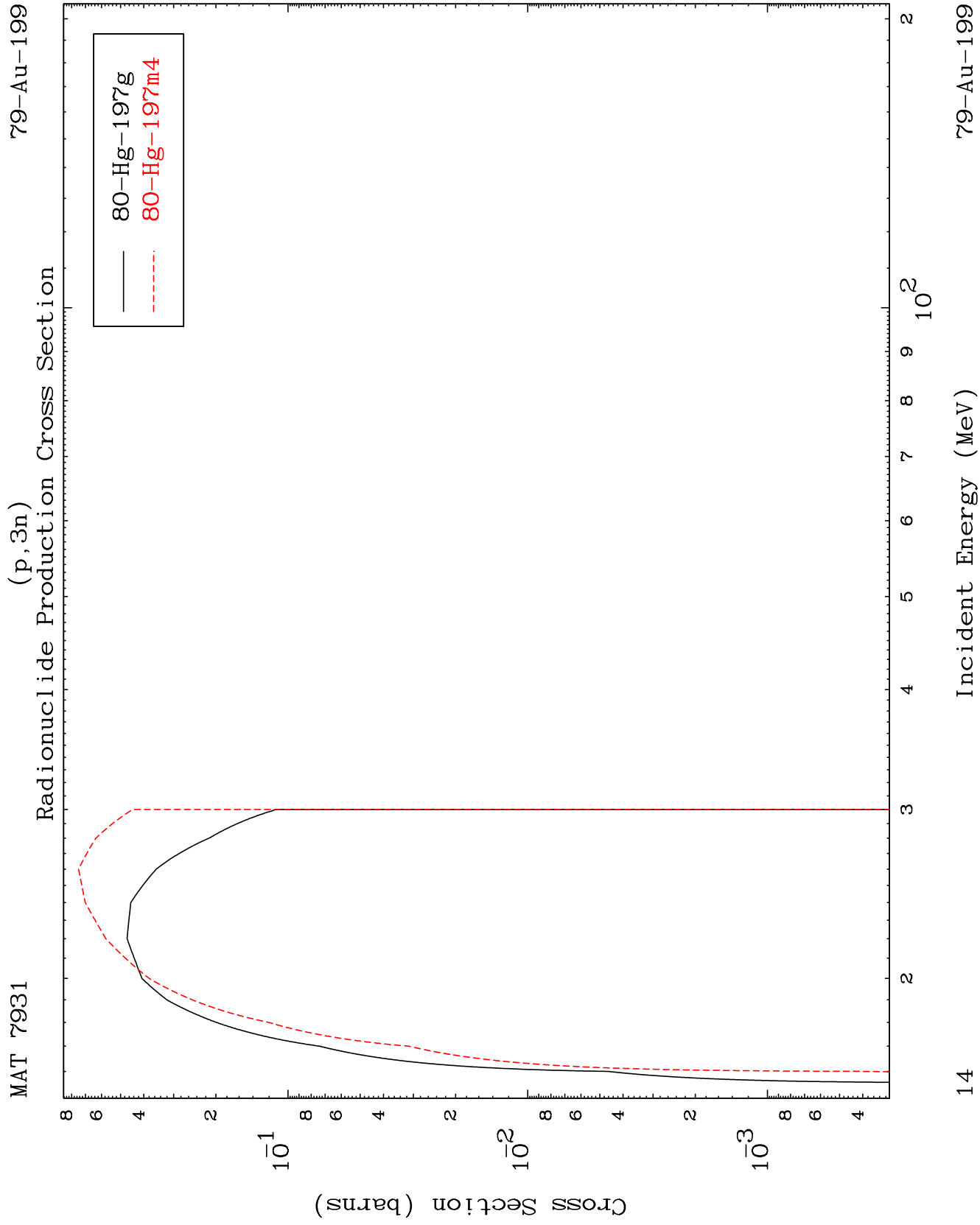
Radionuclide Production Cross Section



13

Incident Energy (MeV)

⁷⁹Au-¹⁹⁹

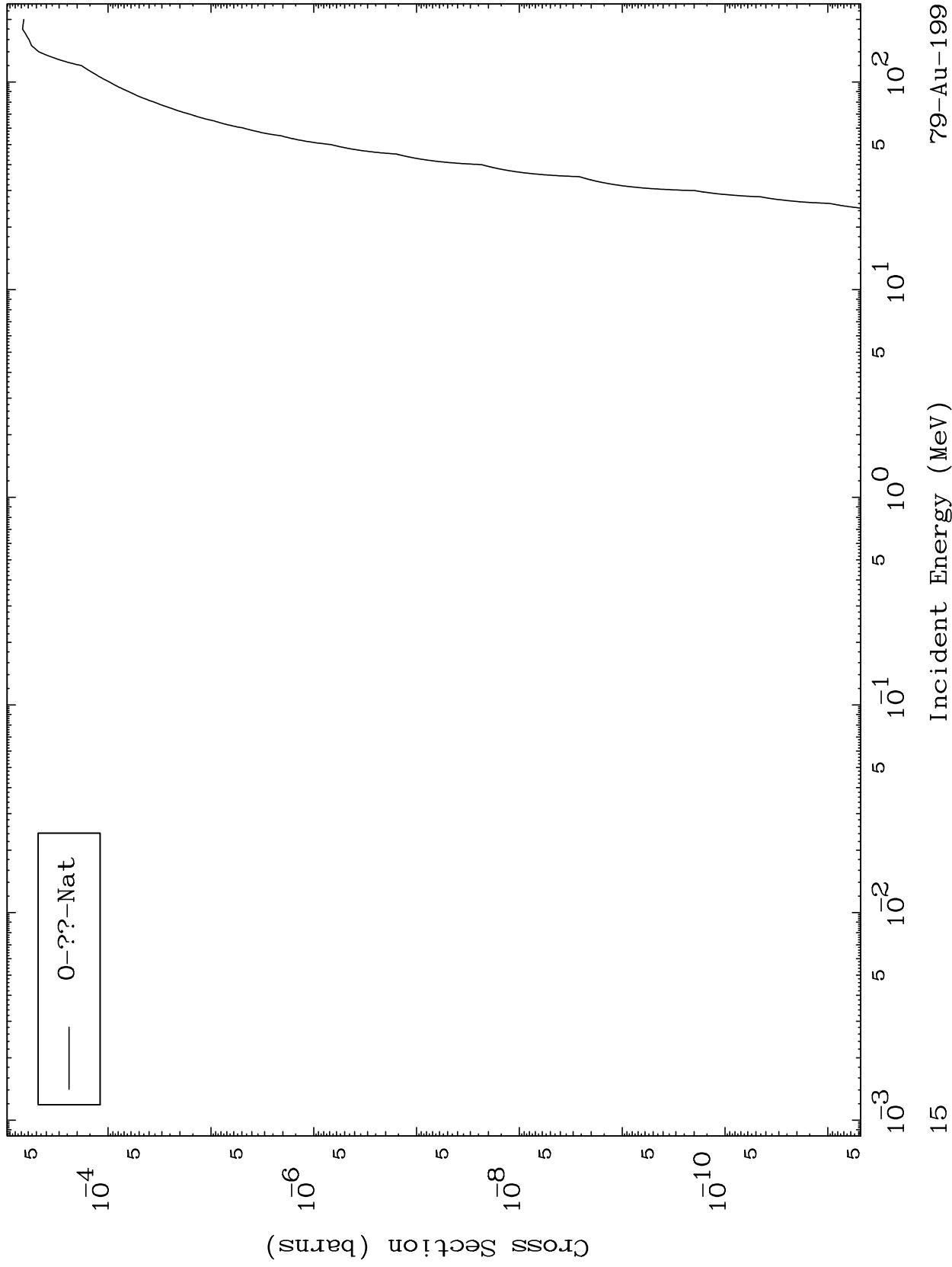


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Proton Fission

79-Au-199

Radionuclide Production Cross Section

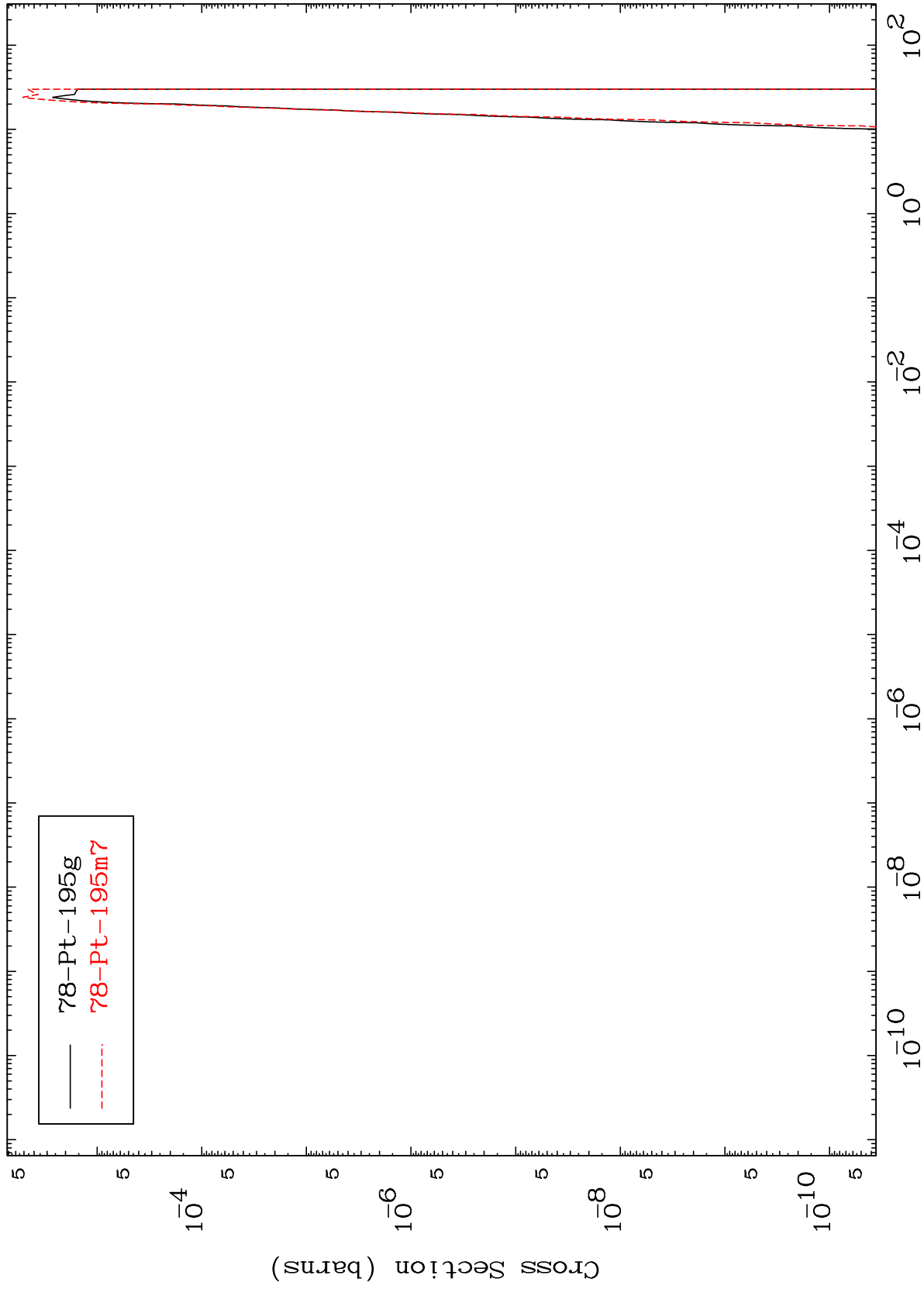


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$(p,n') \alpha$

$^{79}\text{Au-199}$

Radionuclide Production Cross Section



16

Incident Energy (MeV)

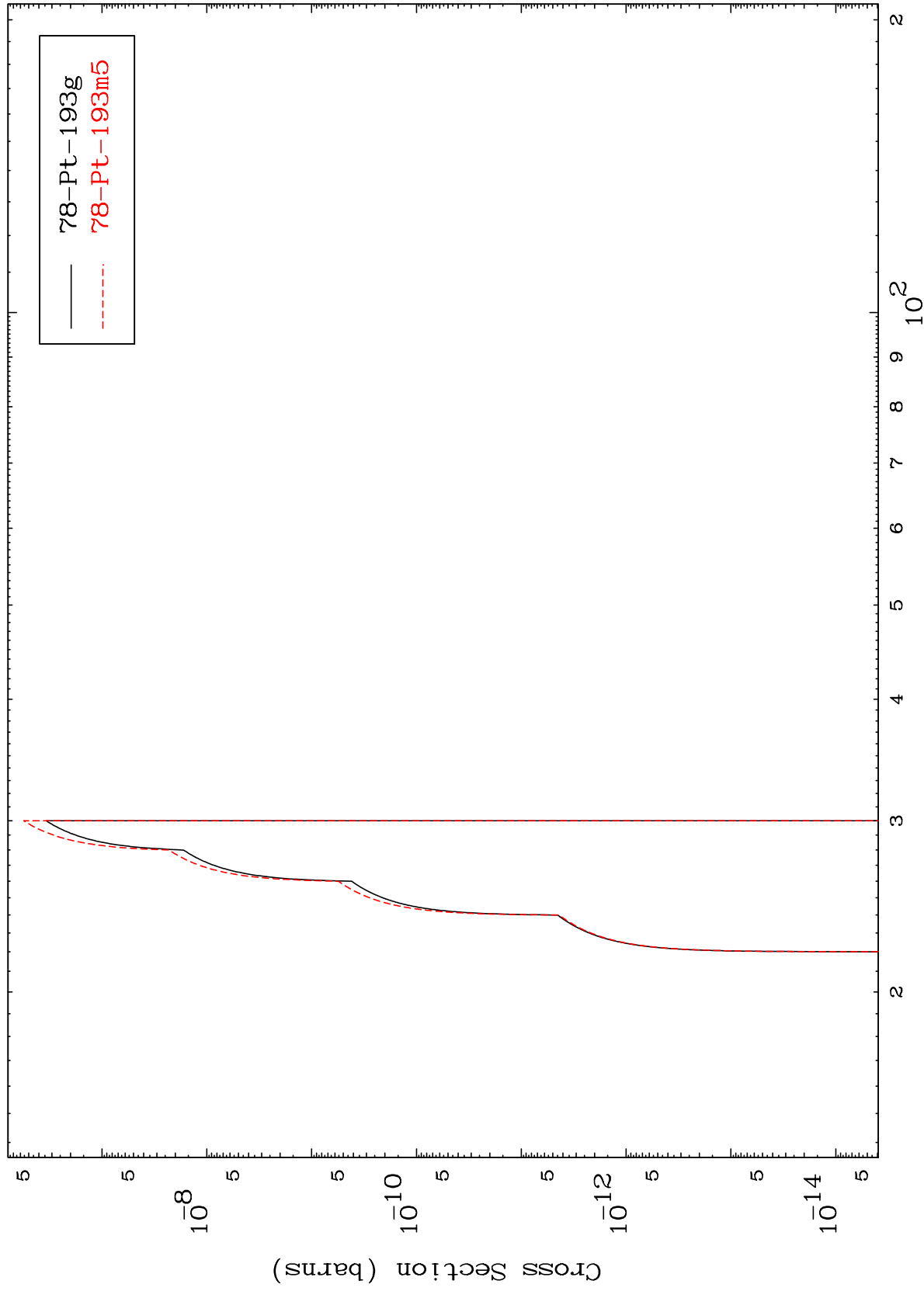
$^{79}\text{Au-199}$

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$(p,3n) \alpha$

$^{79}\text{Au-199}$

Radionuclide Production Cross Section



17

Incident Energy (MeV)

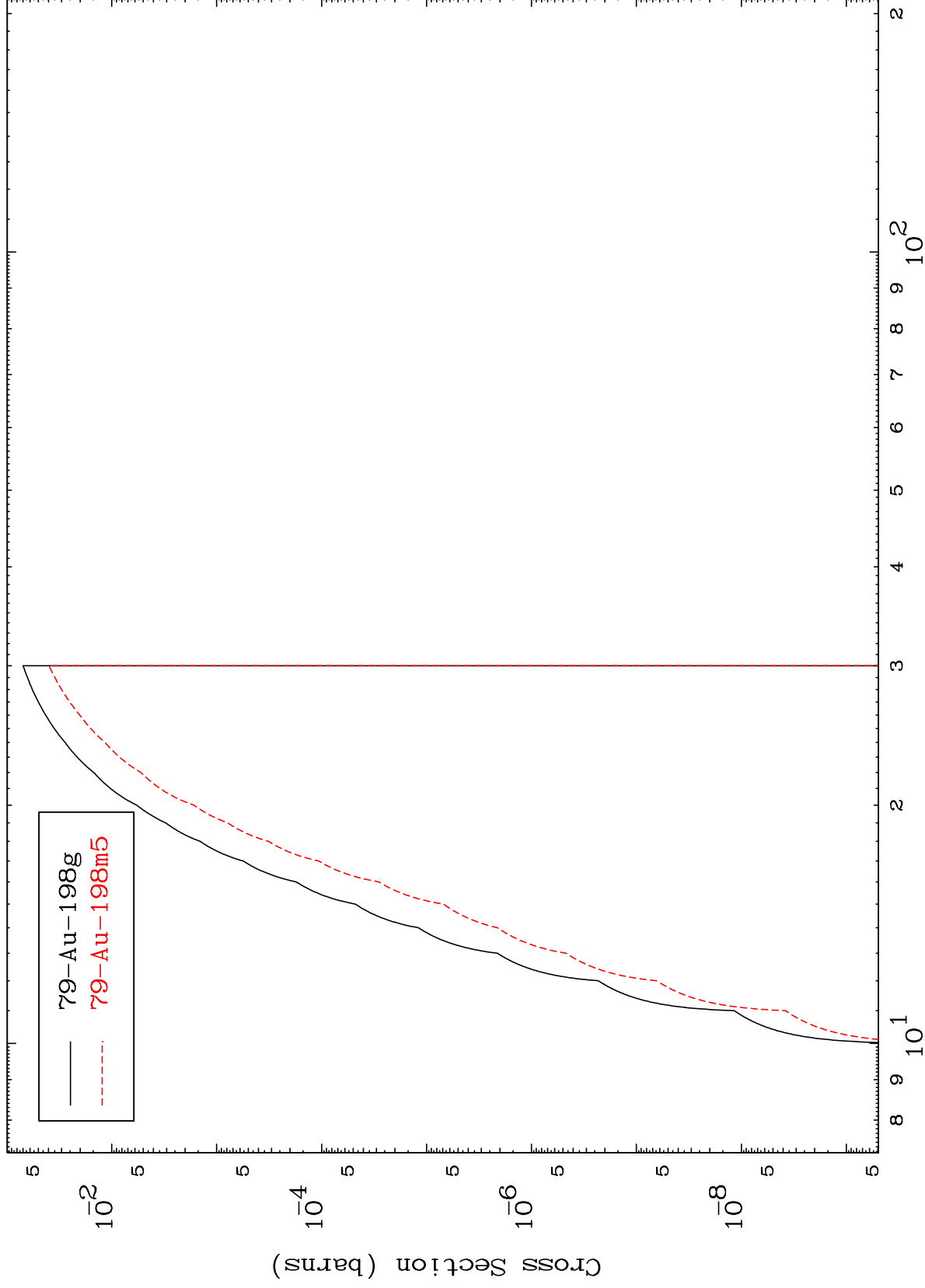
$^{79}\text{Au-199}$

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(p,n') p

⁷⁹Au-199

Radionuclide Production Cross Section



18

Incident Energy (MeV)

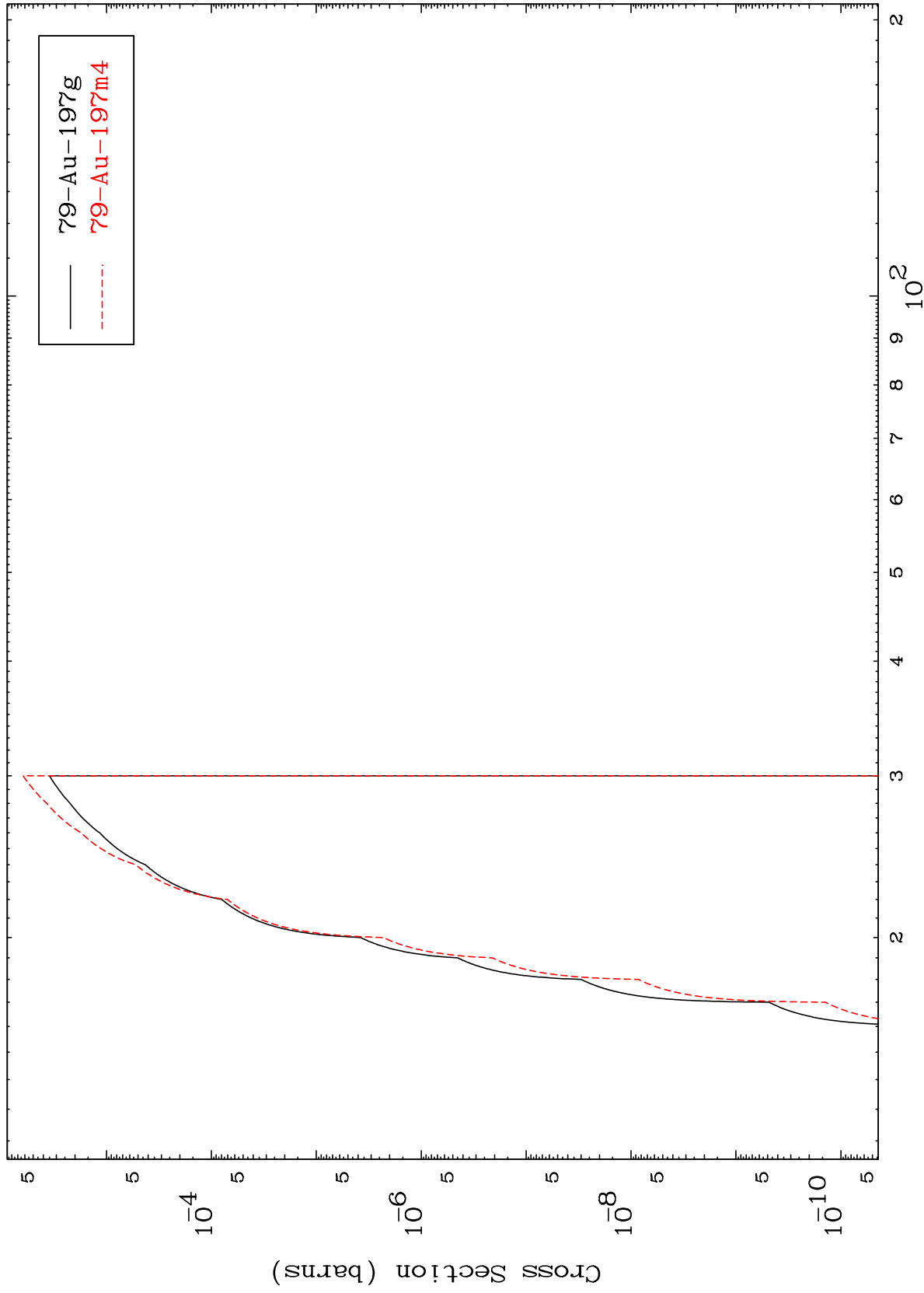
⁷⁹Au-199

MAT 7931

(p,n') d

79-Au-199

Radionuclide Production Cross Section

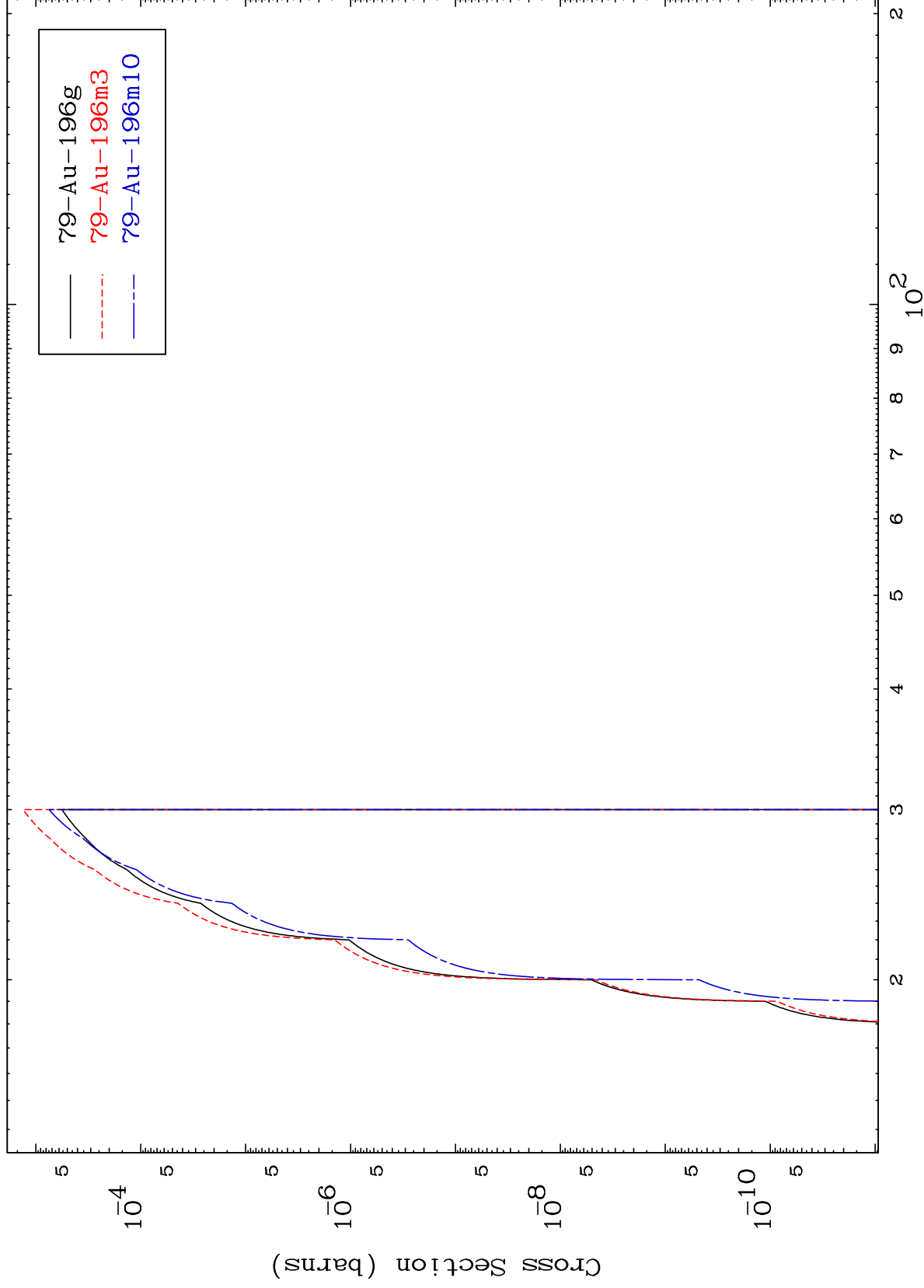


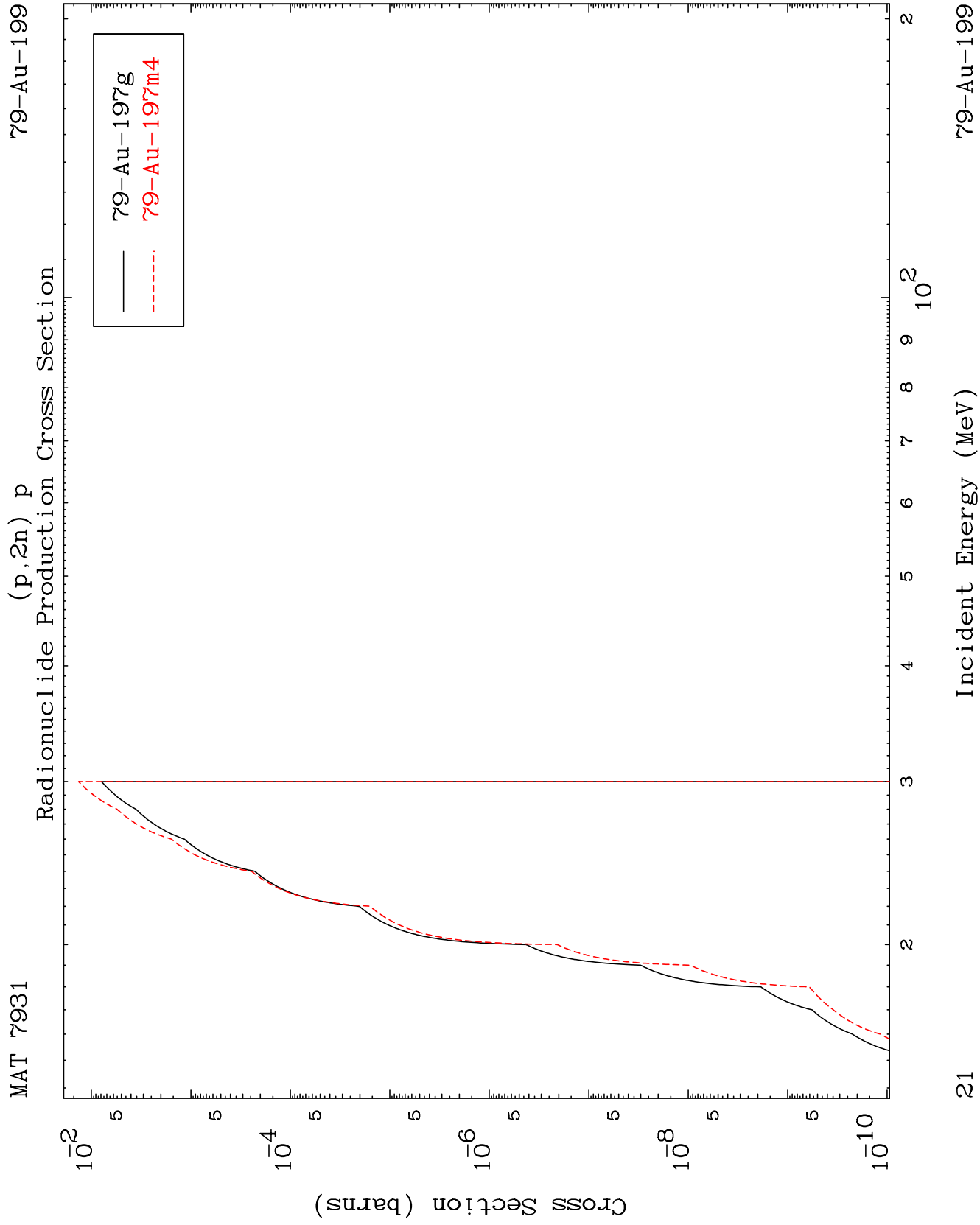
19

Incident Energy (MeV)

79-Au-199

Radionuclide Production Cross Section



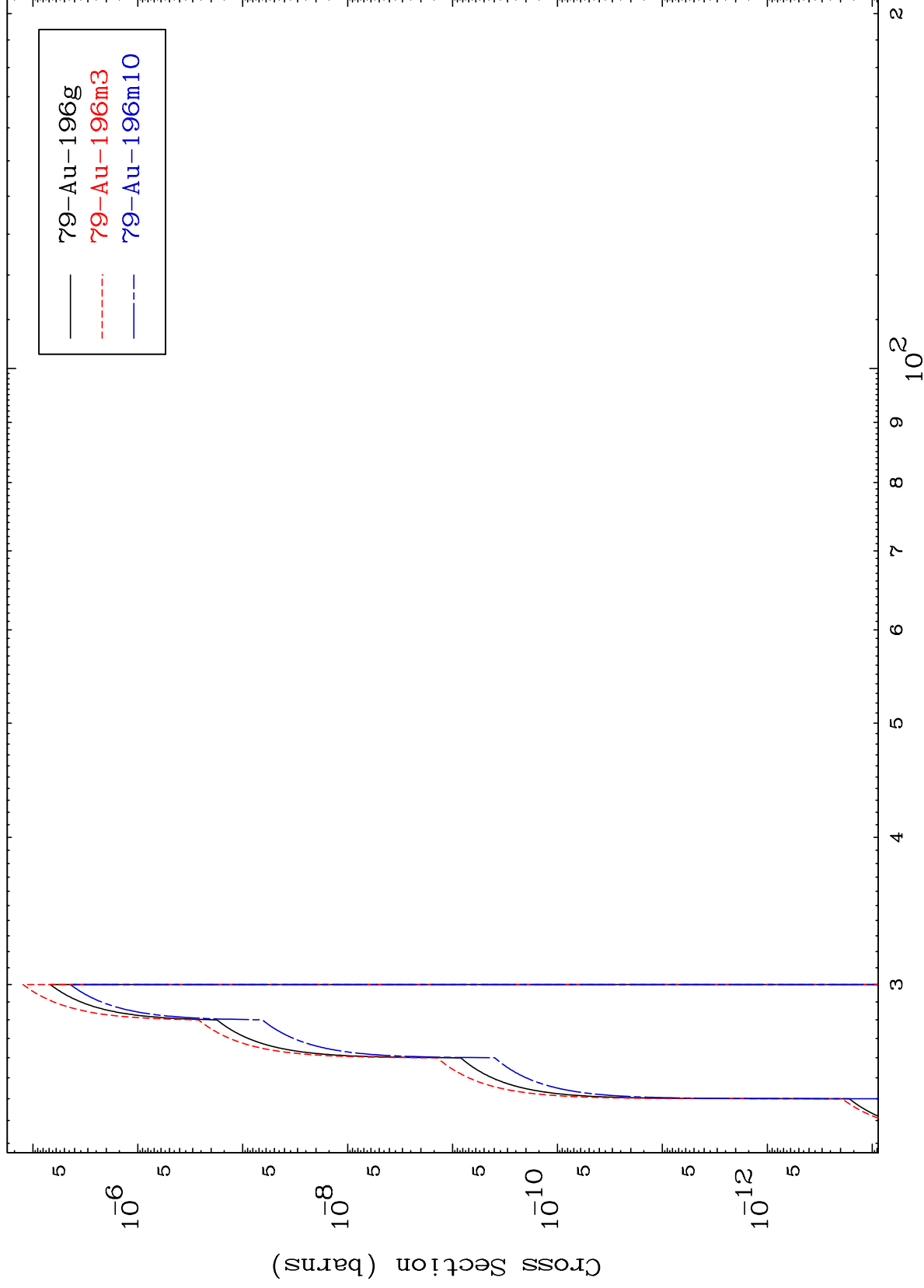


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(p,3n) p

⁷⁹Au-¹⁹⁹

Radionuclide Production Cross Section

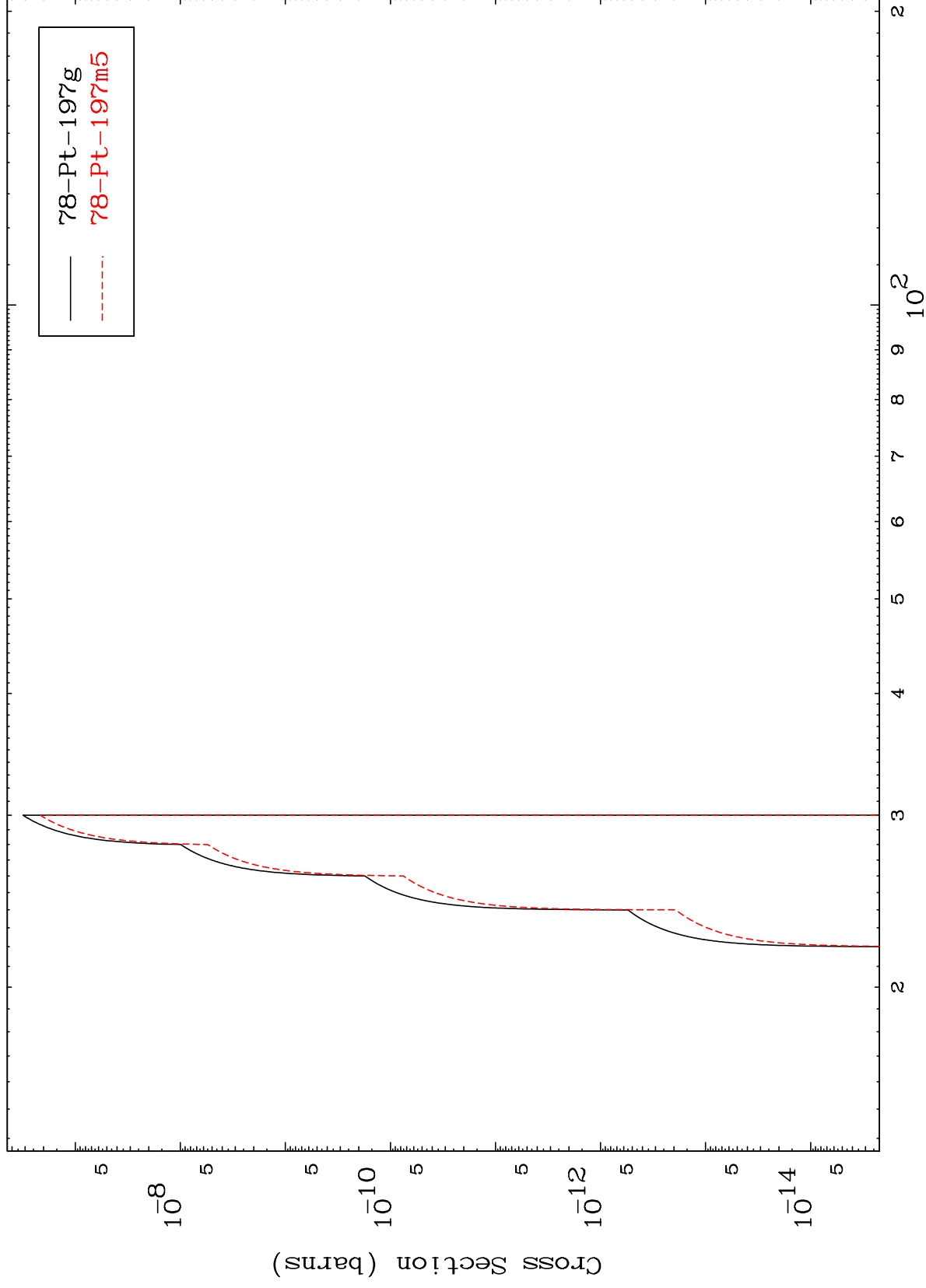


22

Incident Energy (MeV)

⁷⁹Au-¹⁹⁹

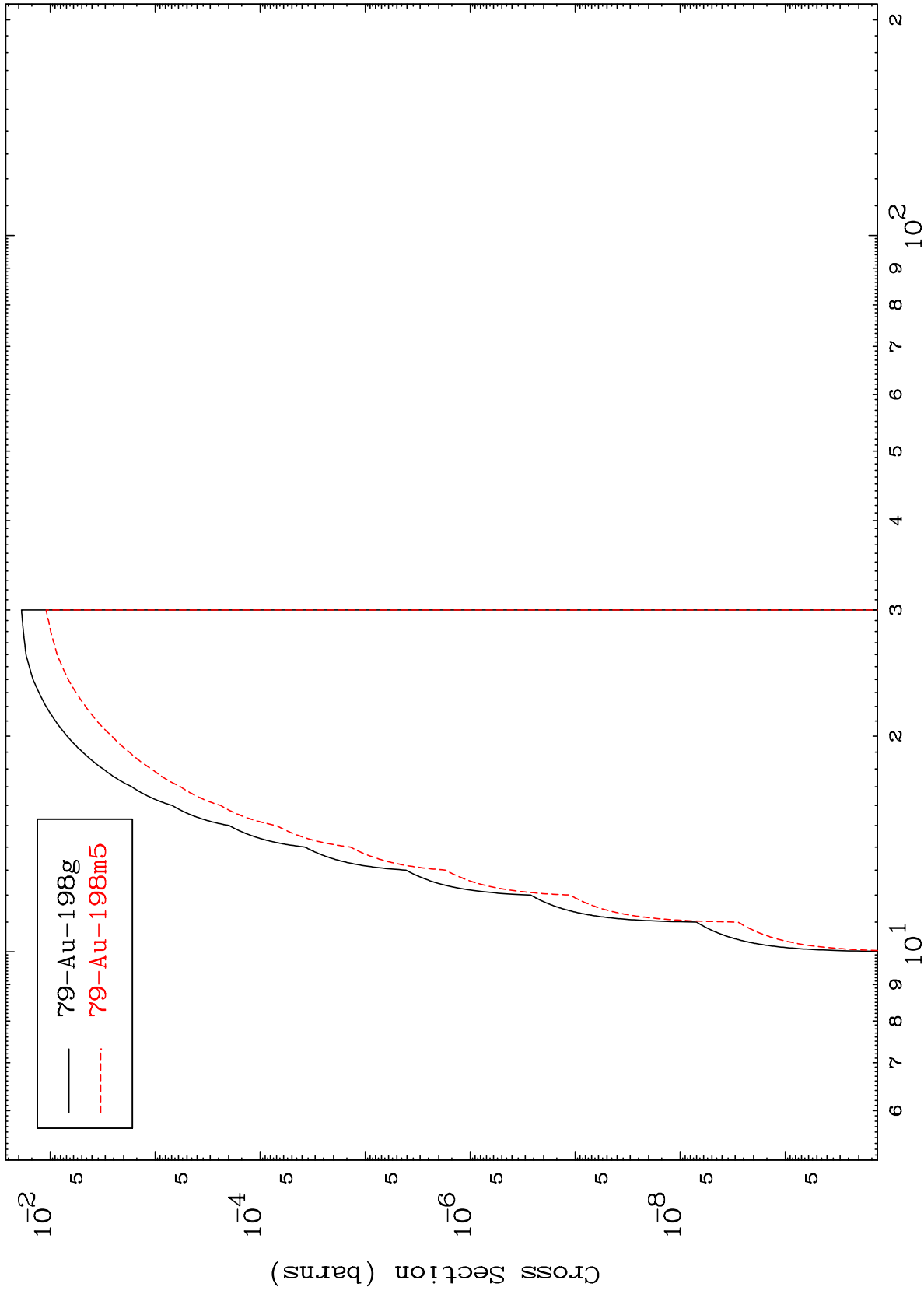
Radionuclide Production Cross Section



MAT 7931

79-Au-199

(p,d)
Radionuclide Production Cross Section



24

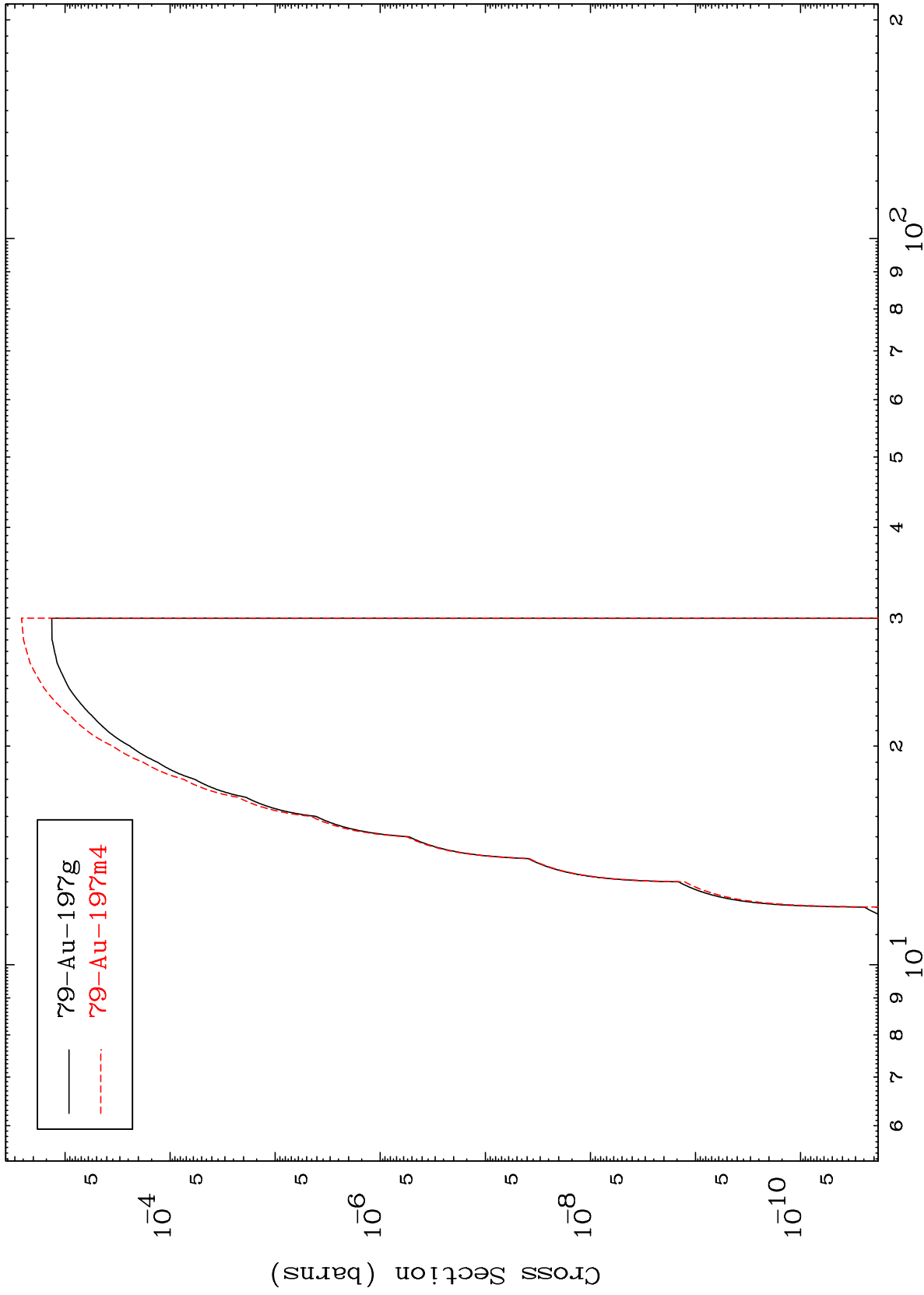
Incident Energy (MeV)

79-Au-199

MAT 7931

79-Au-199

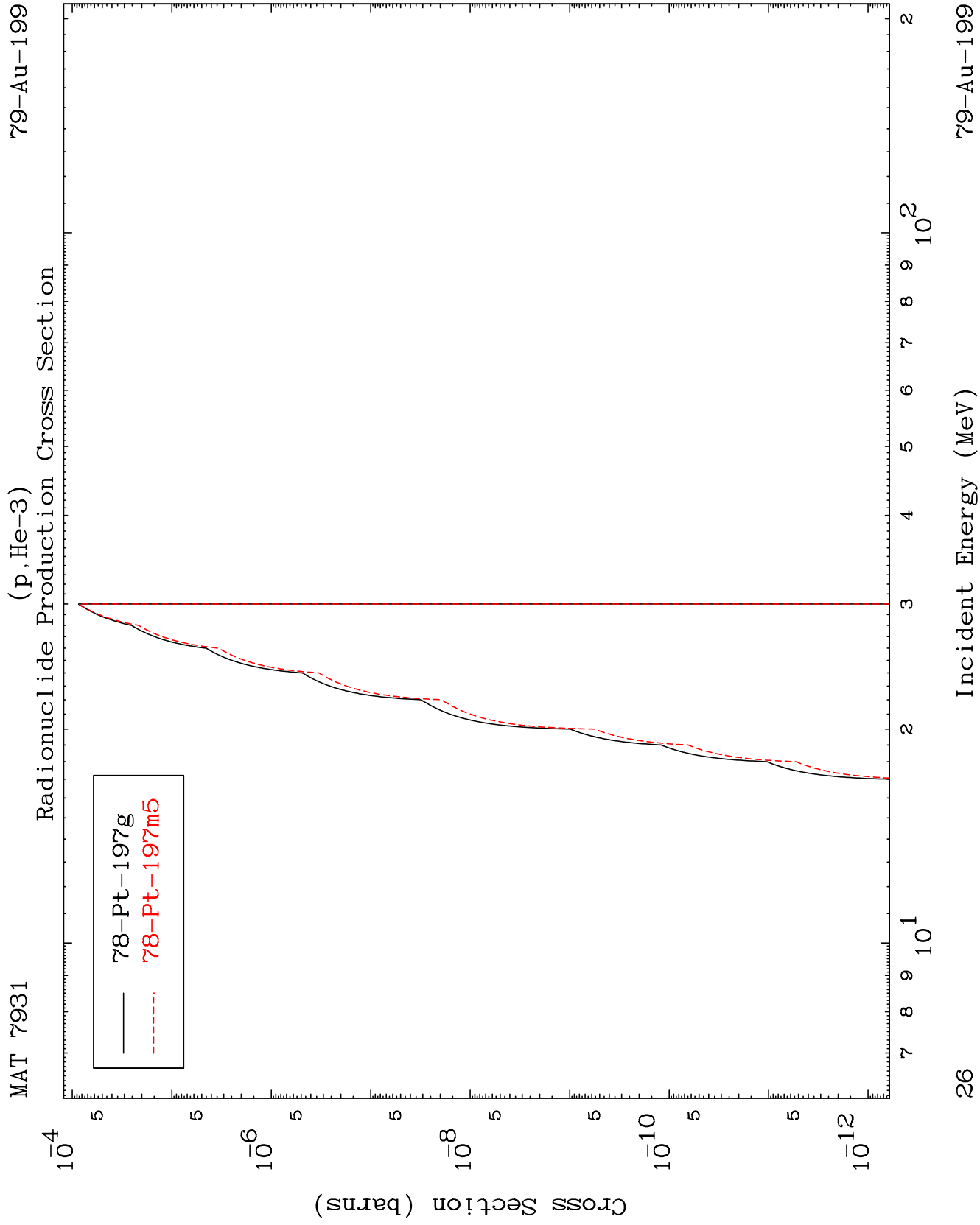
Radionuclide Production Cross Section



25

Incident Energy (MeV)

79-Au-199

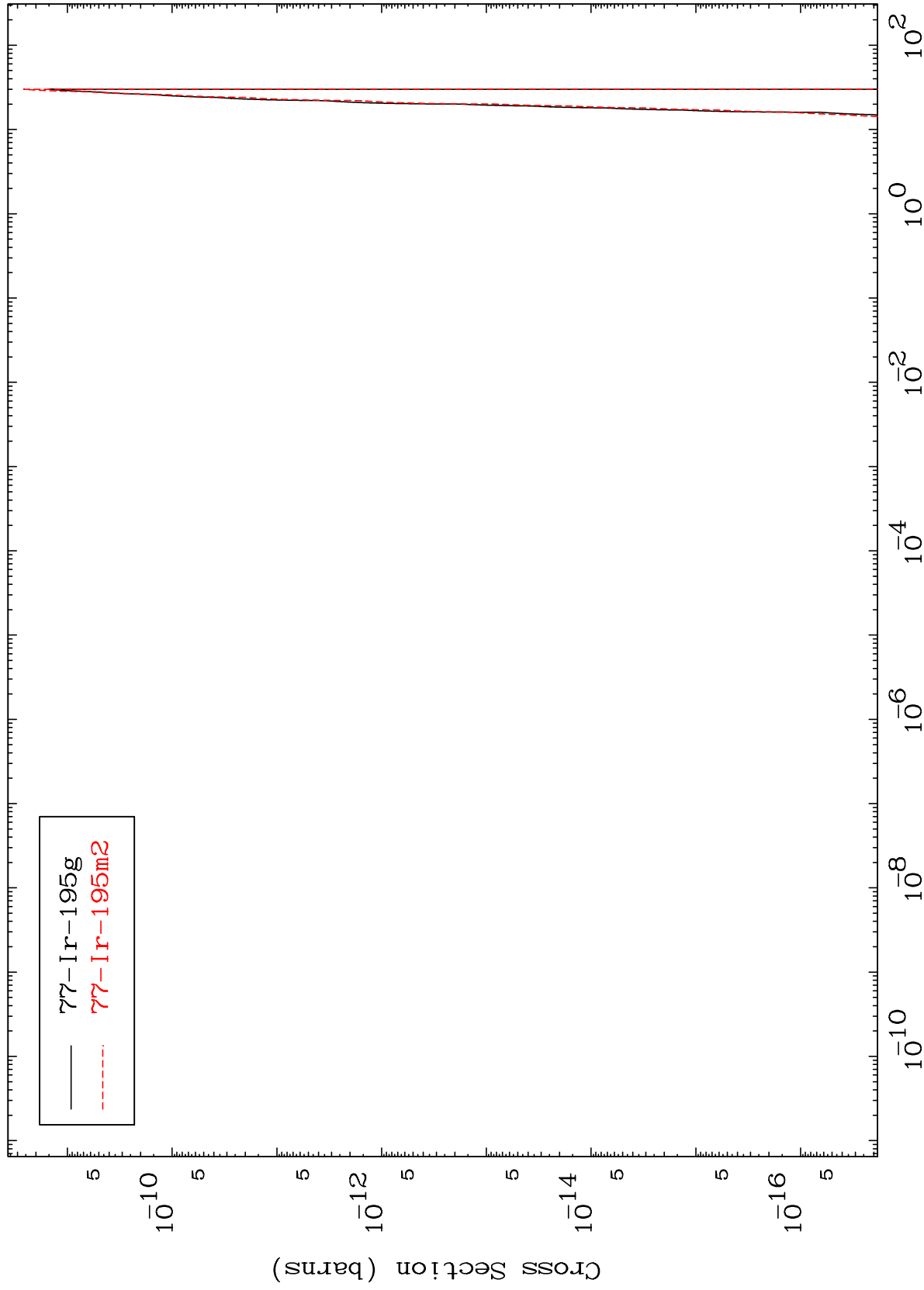


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(p,p) α

79-Au-199

Radionuclide Production Cross Section



27

Incident Energy (MeV)

79-Au-199

(p,p) d
Radionuclide Production Cross Section