

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

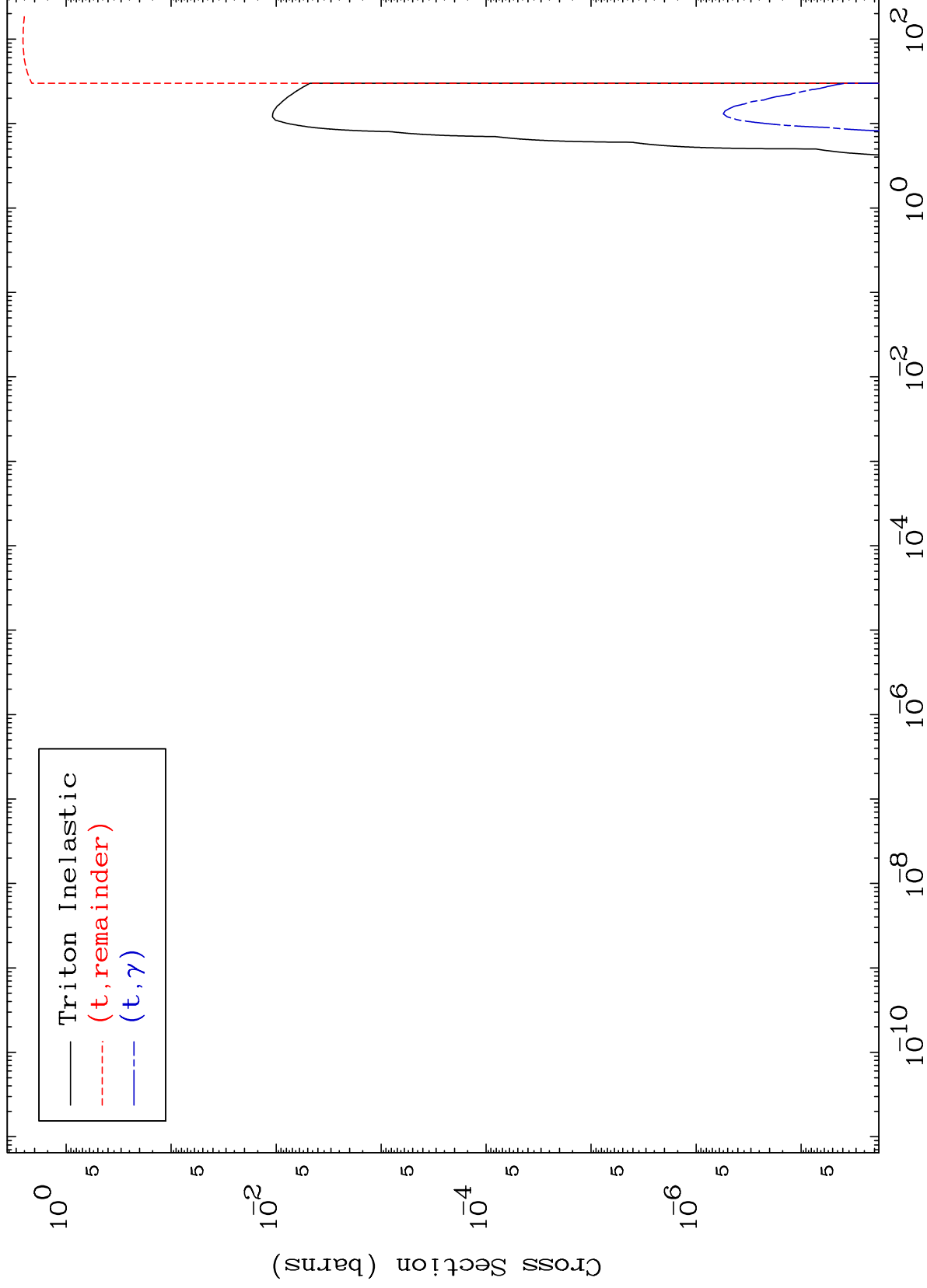
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7925

Triton Major
0 Kelvin Cross Sections

79-Au-197



1

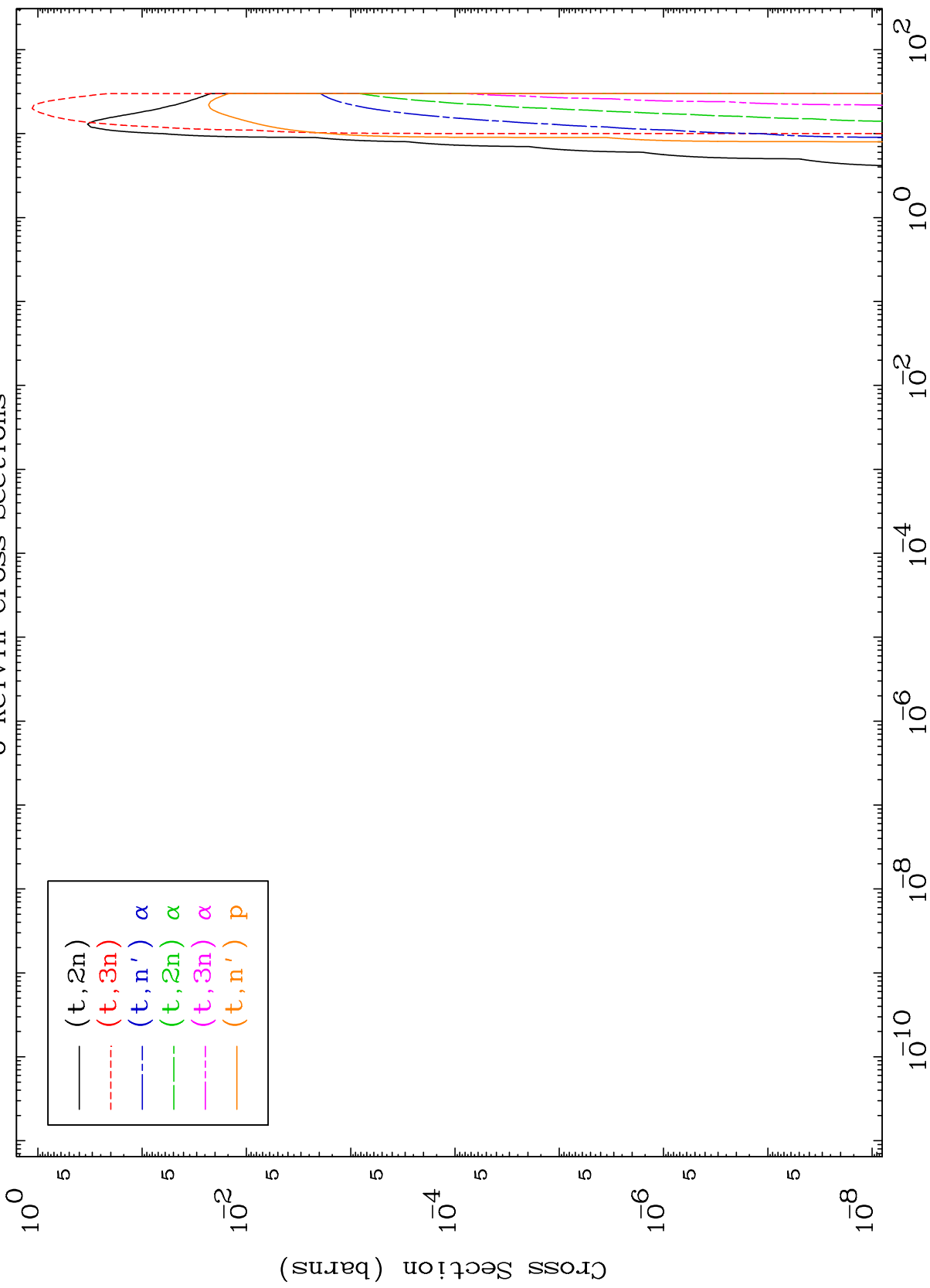
Incident Energy (MeV)

79-Au-197

MAT 7925

Triton Neutron Production
0 Kelvin Cross Sections

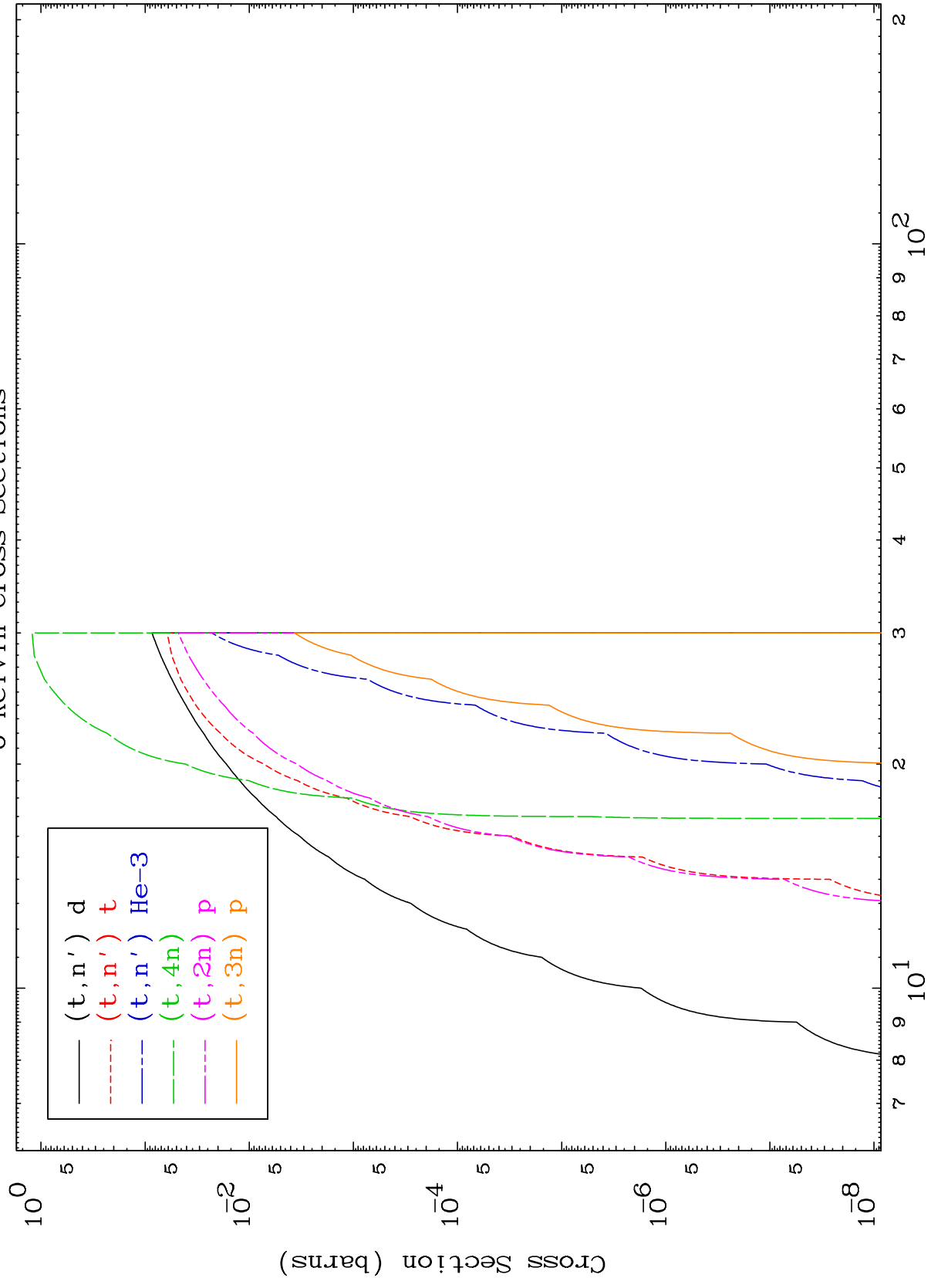
79-Au-197

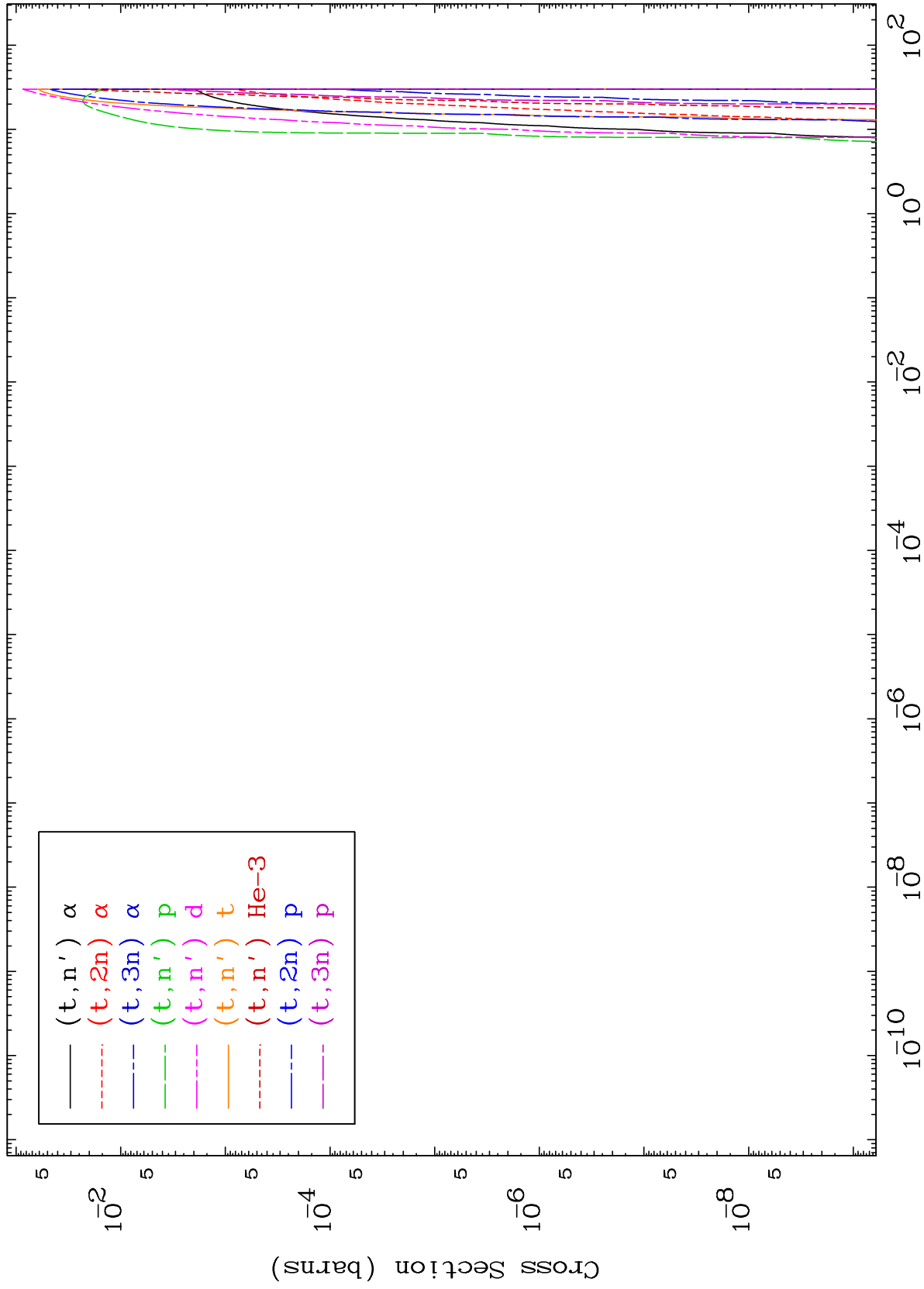


2

Incident Energy (MeV)

79-Au-197

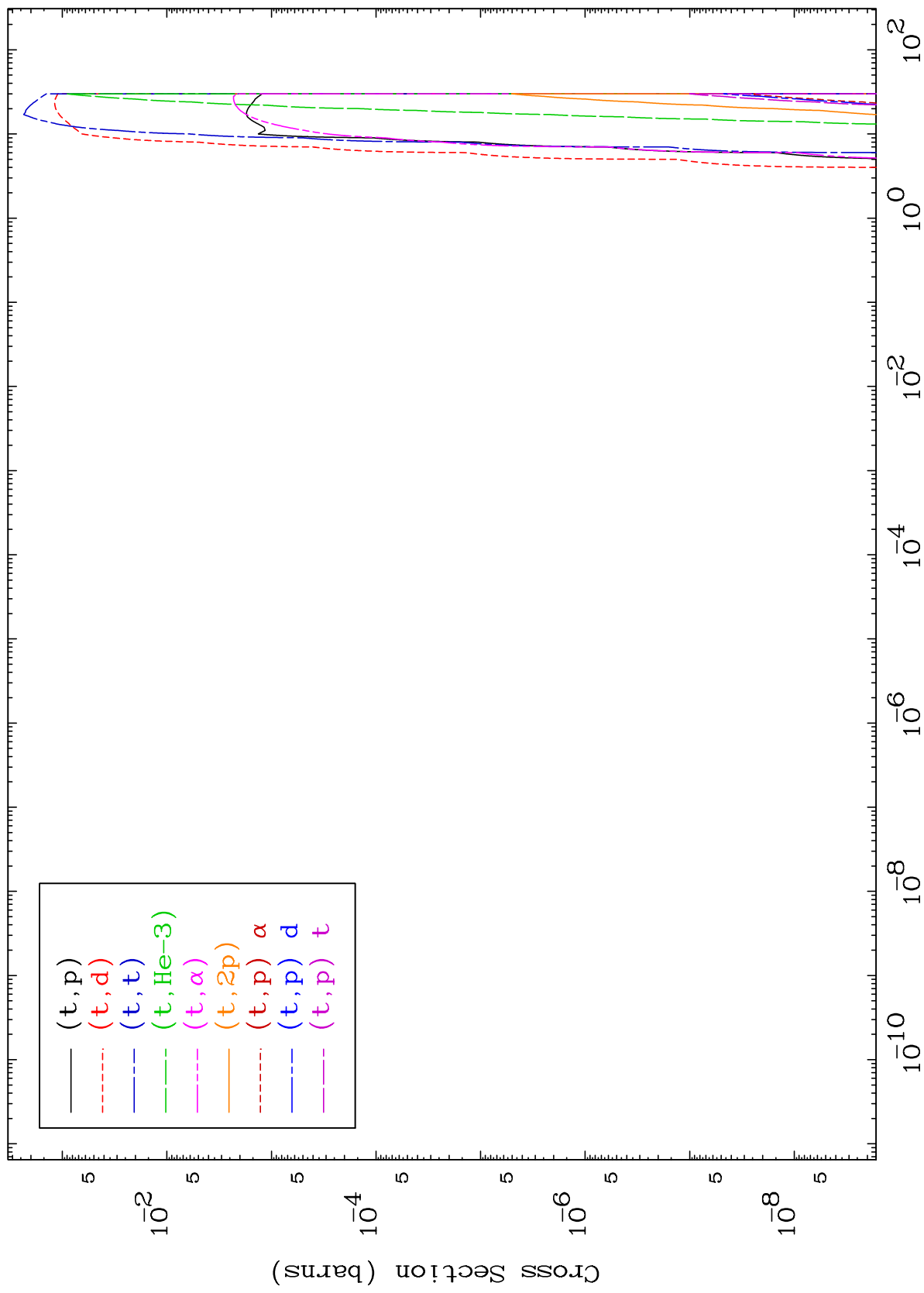




MAT 7925

Triton Charged Particle
0 Kelvin Cross Sections

79-Au-197



5

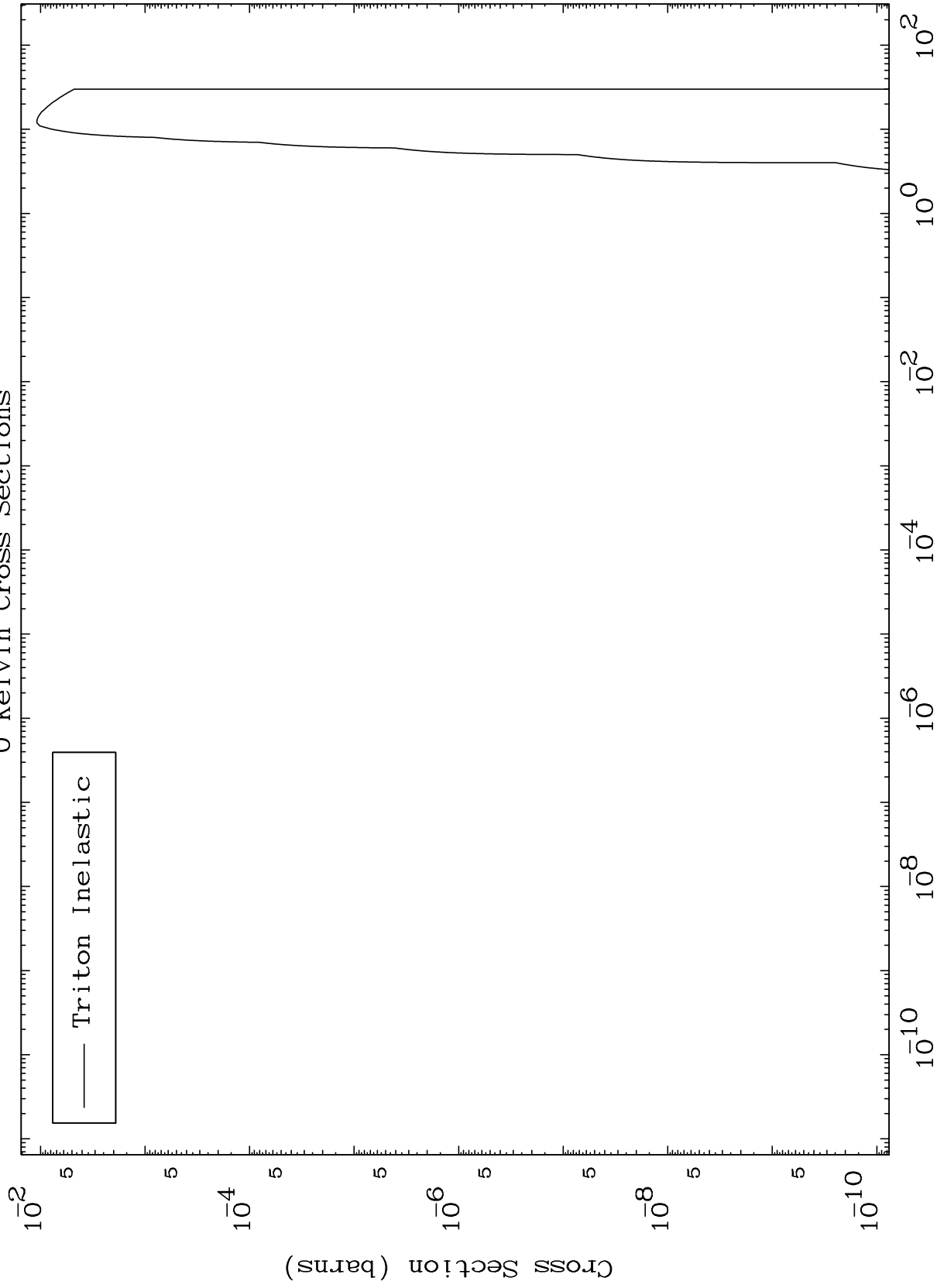
Incident Energy (MeV)

79-Au-197

MAT 7925

(t,n') Level
0 Kelvin Cross Sections

79-Au-197



6

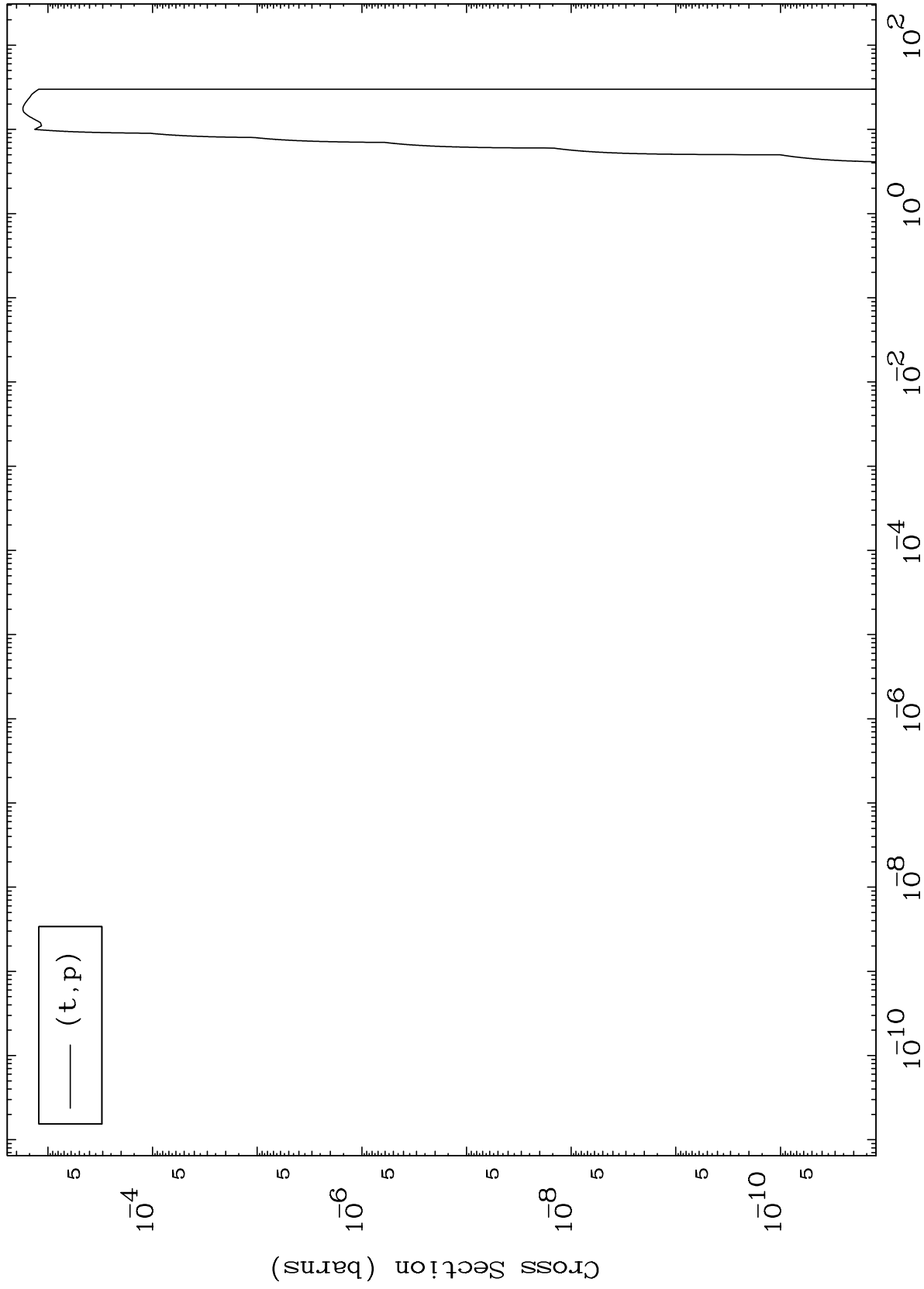
Incident Energy (MeV)

79-Au-197

MAT 7925

(t,p) Levels
0 Kelvin Cross Sections

79-Au-197



7

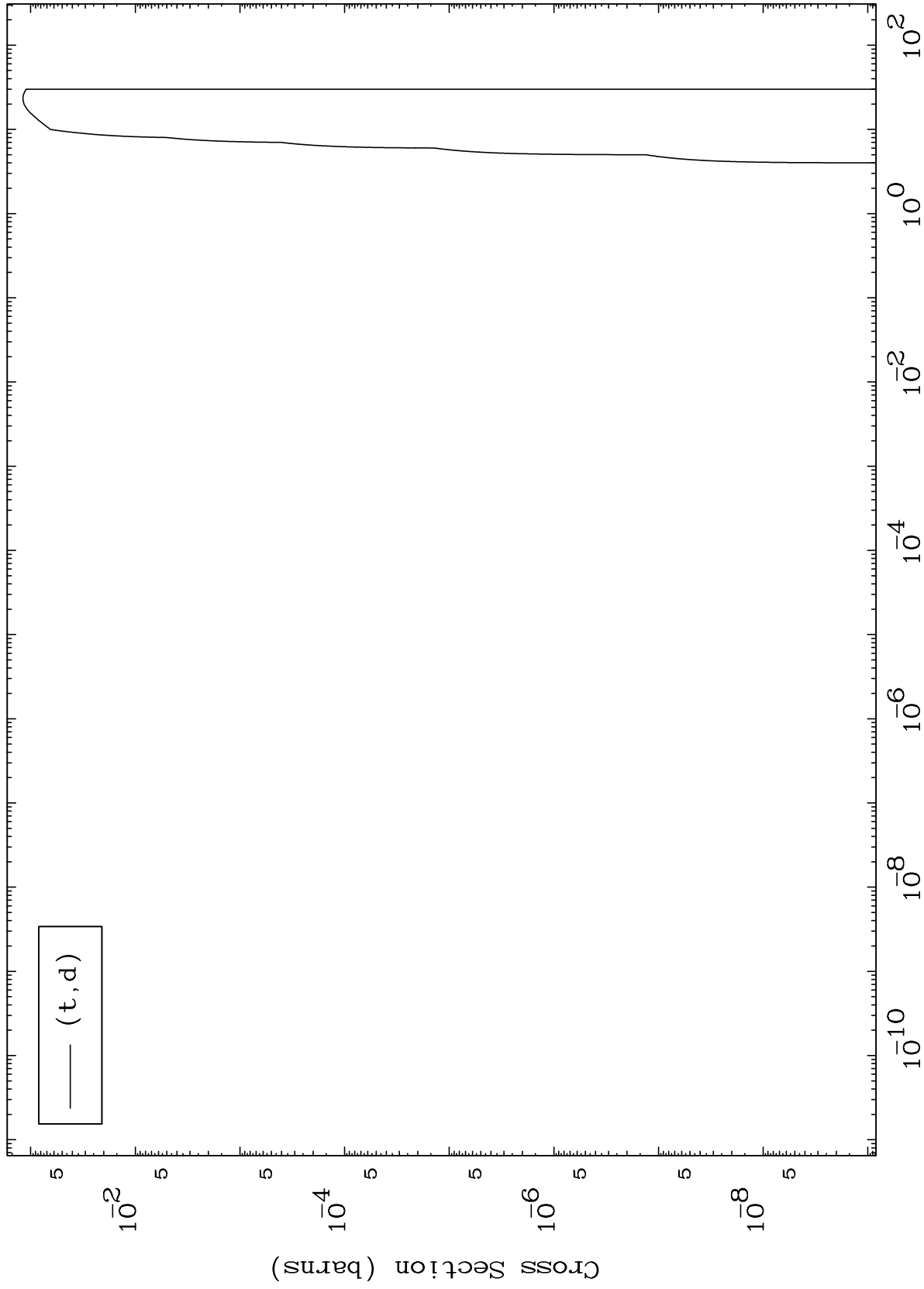
Incident Energy (MeV)

79-Au-197

MAT 7925

(t,d) Levels
0 Kelvin Cross Sections

79-Au-197



8

Incident Energy (MeV)

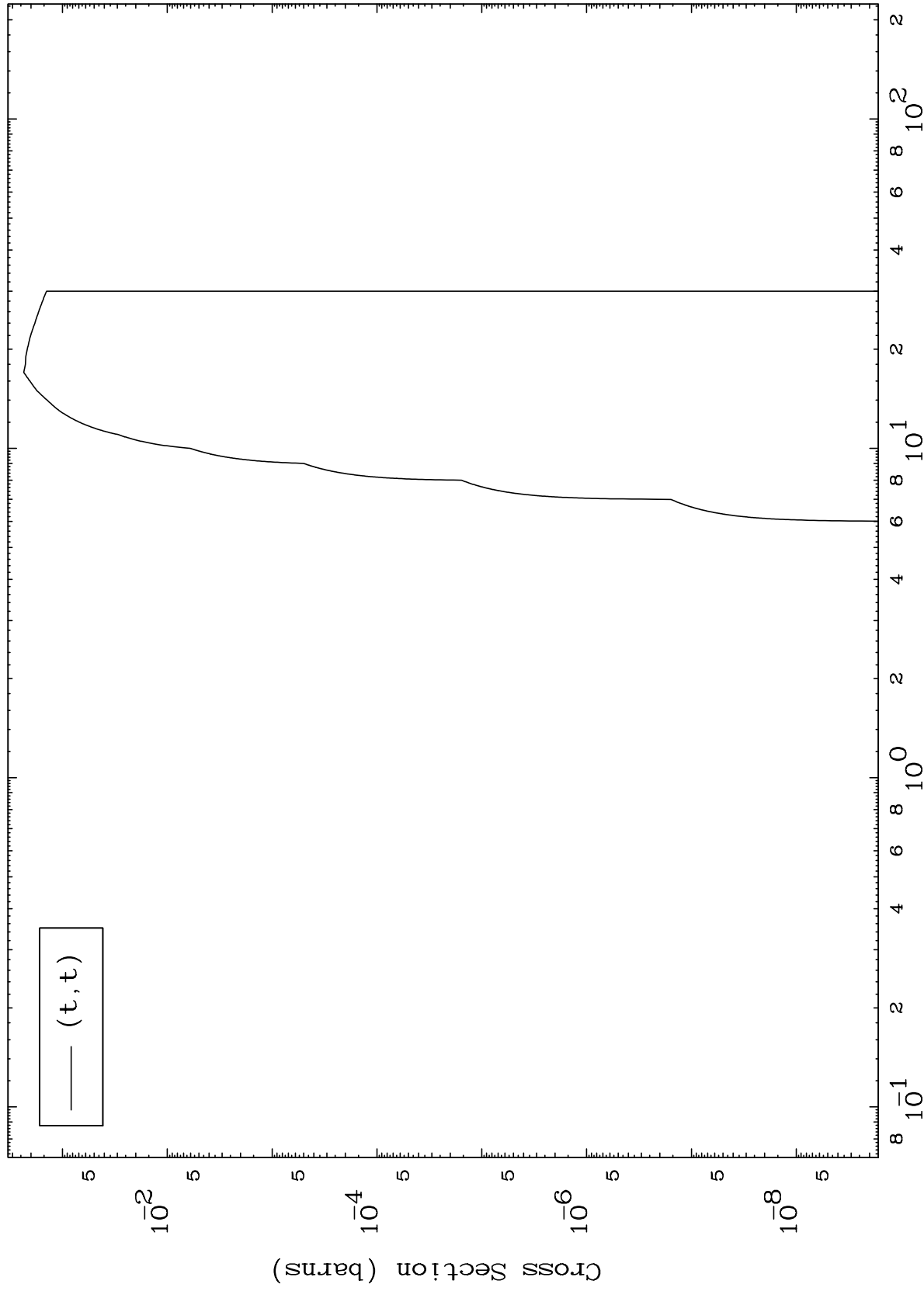
79-Au-197

MAT 7925

(t,t) Levels

79-Au-197

0 Kelvin Cross Sections



9

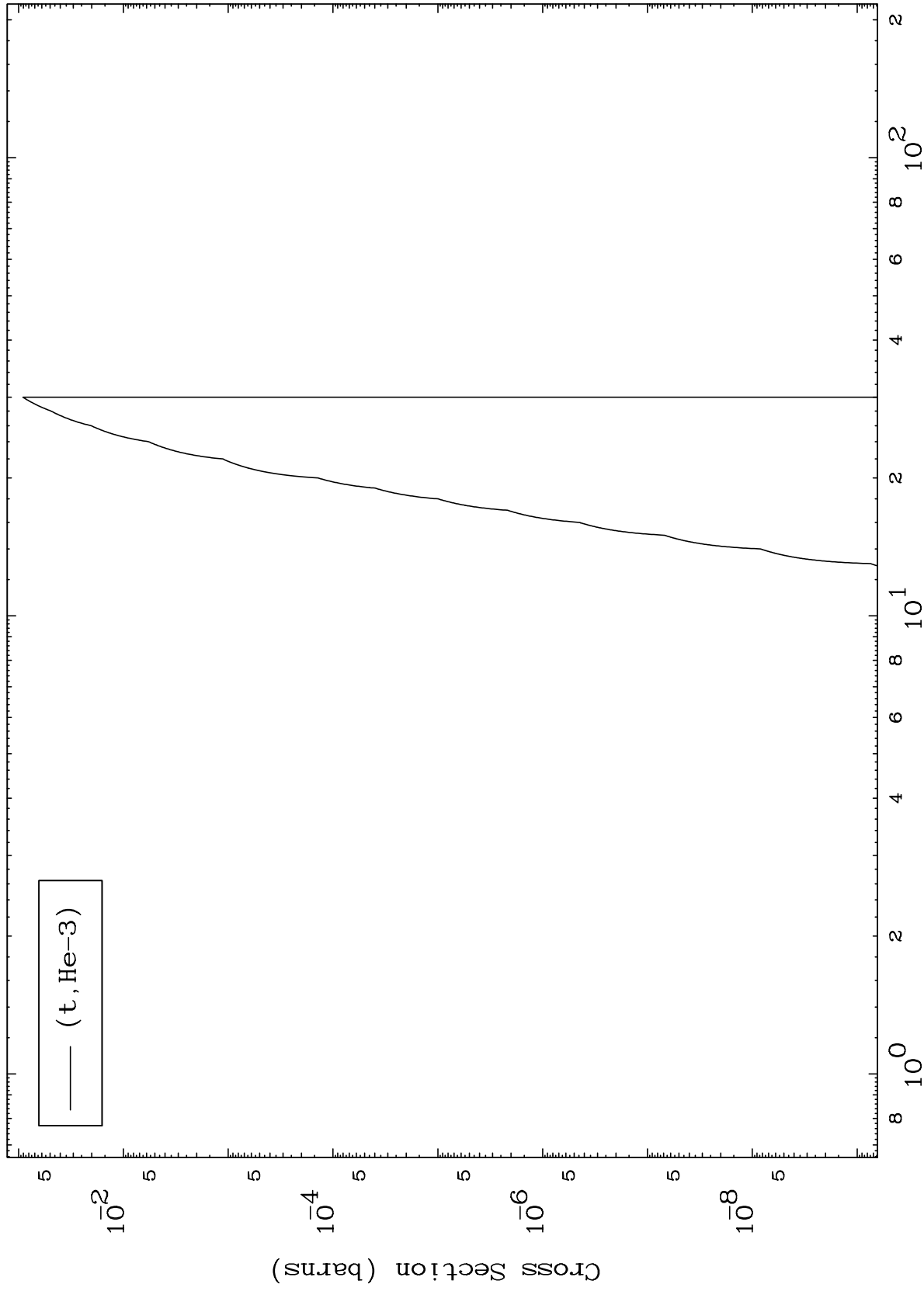
Incident Energy (MeV)

79-Au-197

MAT 7925

(t,He3) Levels
0 Kelvin Cross Sections

79-Au-197



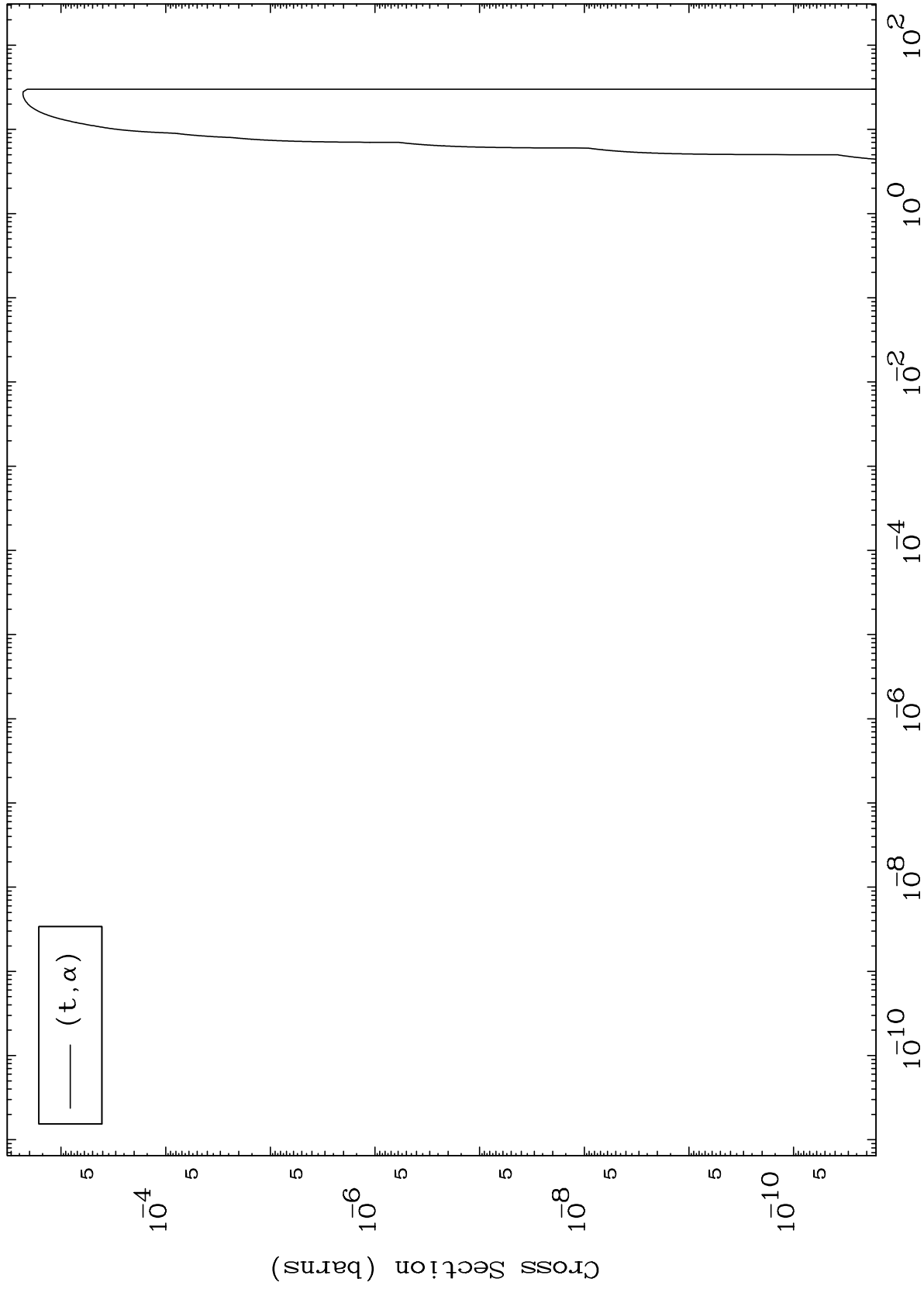
Incident Energy (MeV)

79-Au-197

MAT 7925

(t, α) Levels
0 Kelvin Cross Sections

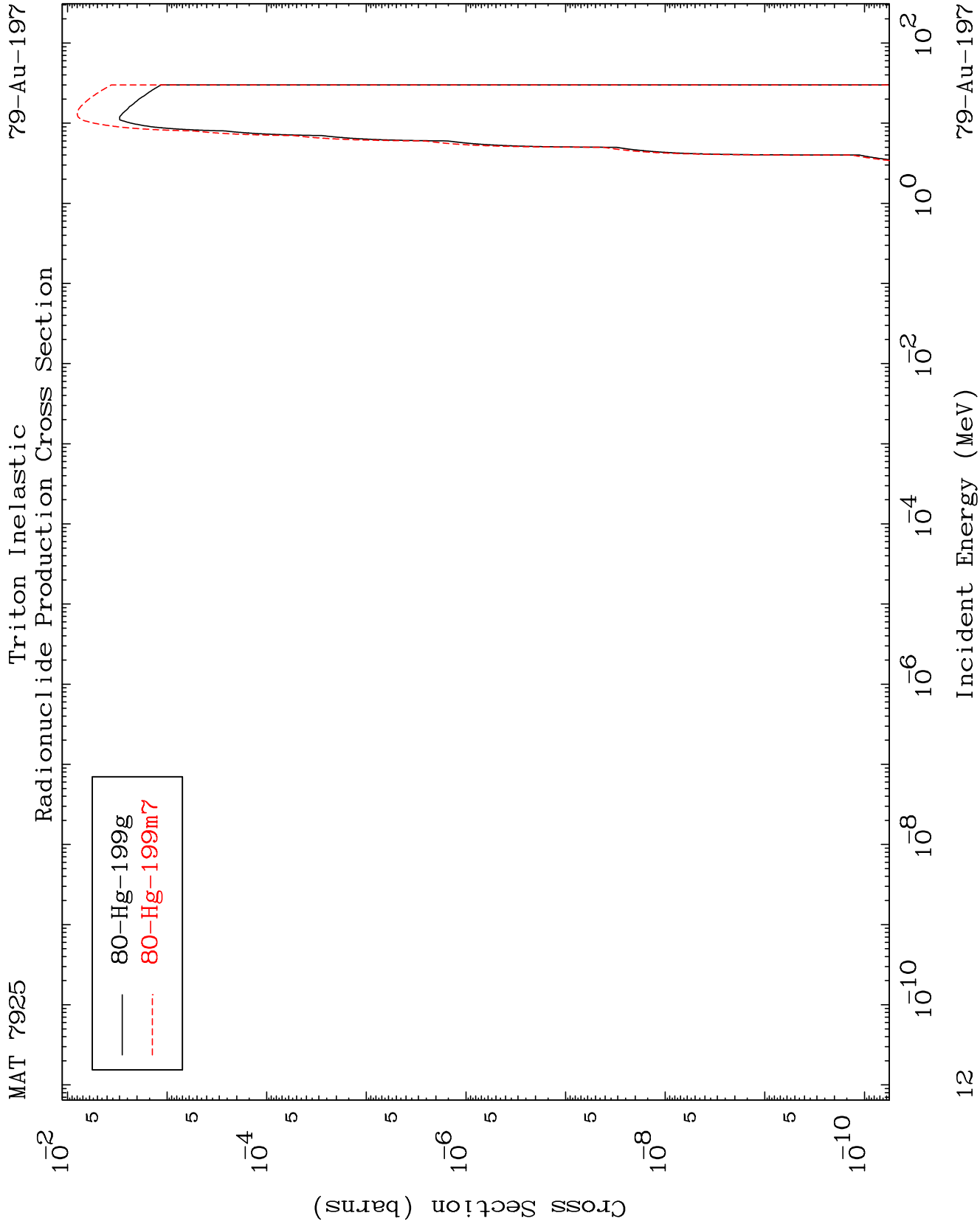
79-Au-197



11

Incident Energy (MeV)

79-Au-197

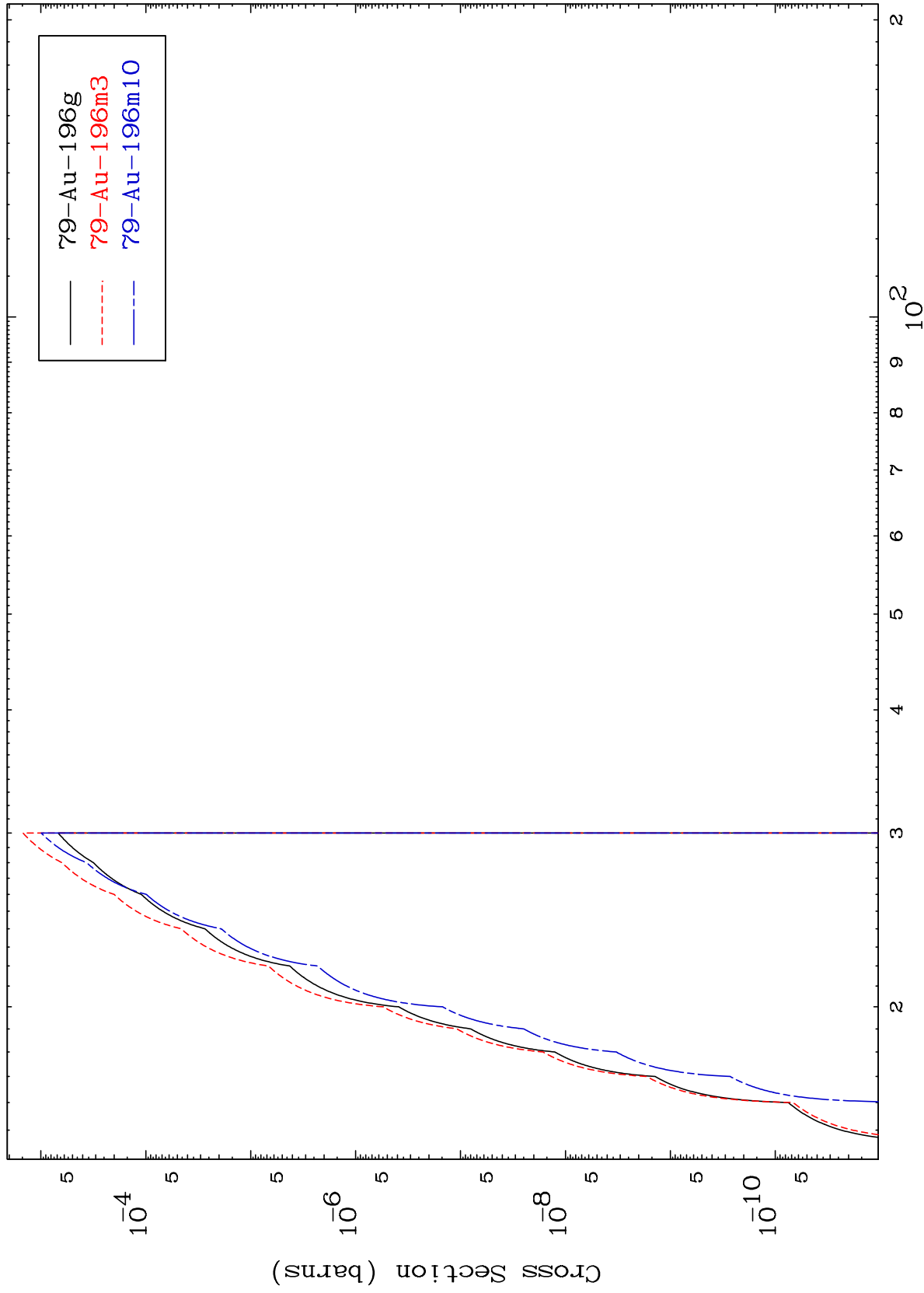


MAT 7925

(t,2n) d

⁷⁹Au-¹⁹⁷

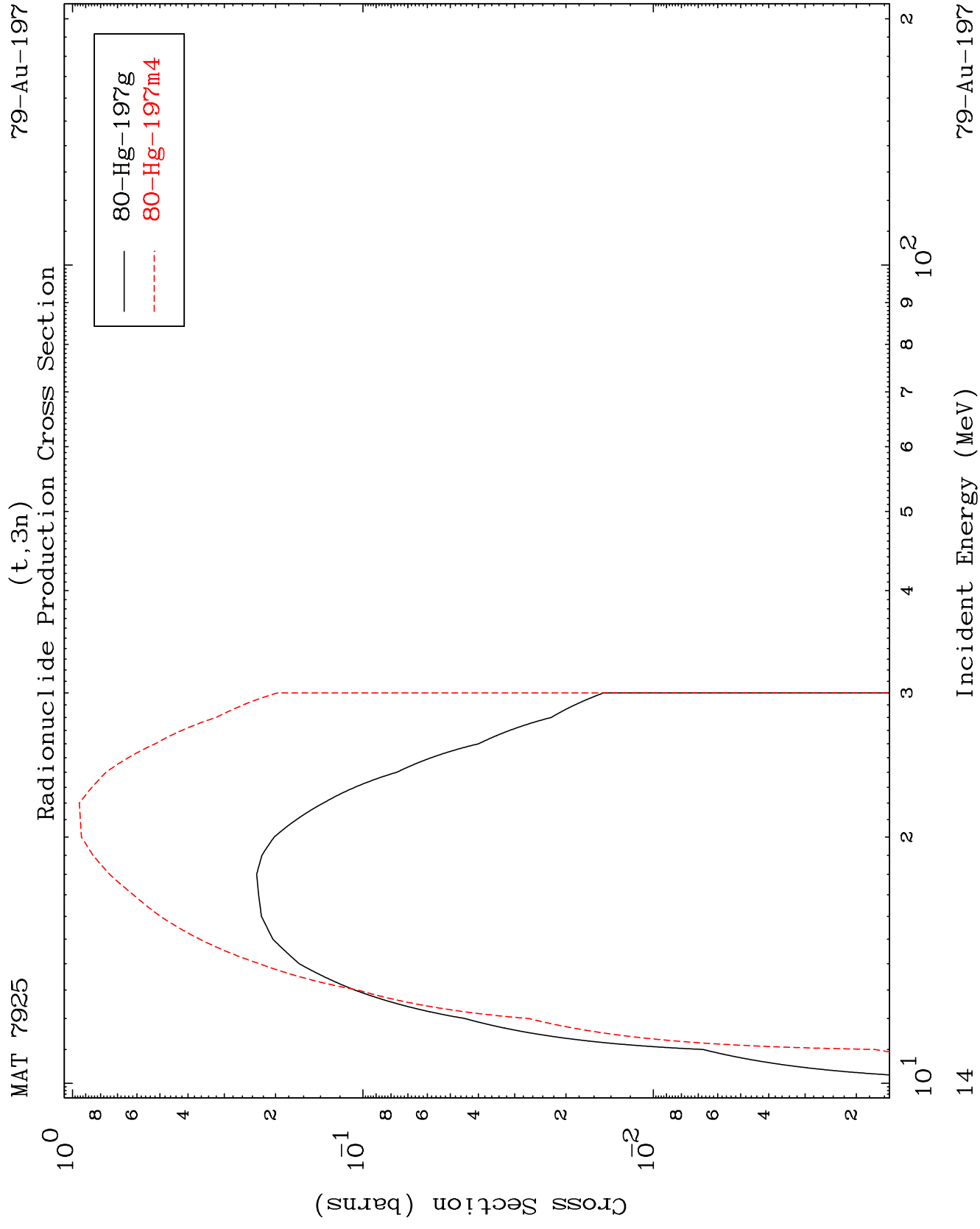
Radionuclide Production Cross Section



13

Incident Energy (MeV)

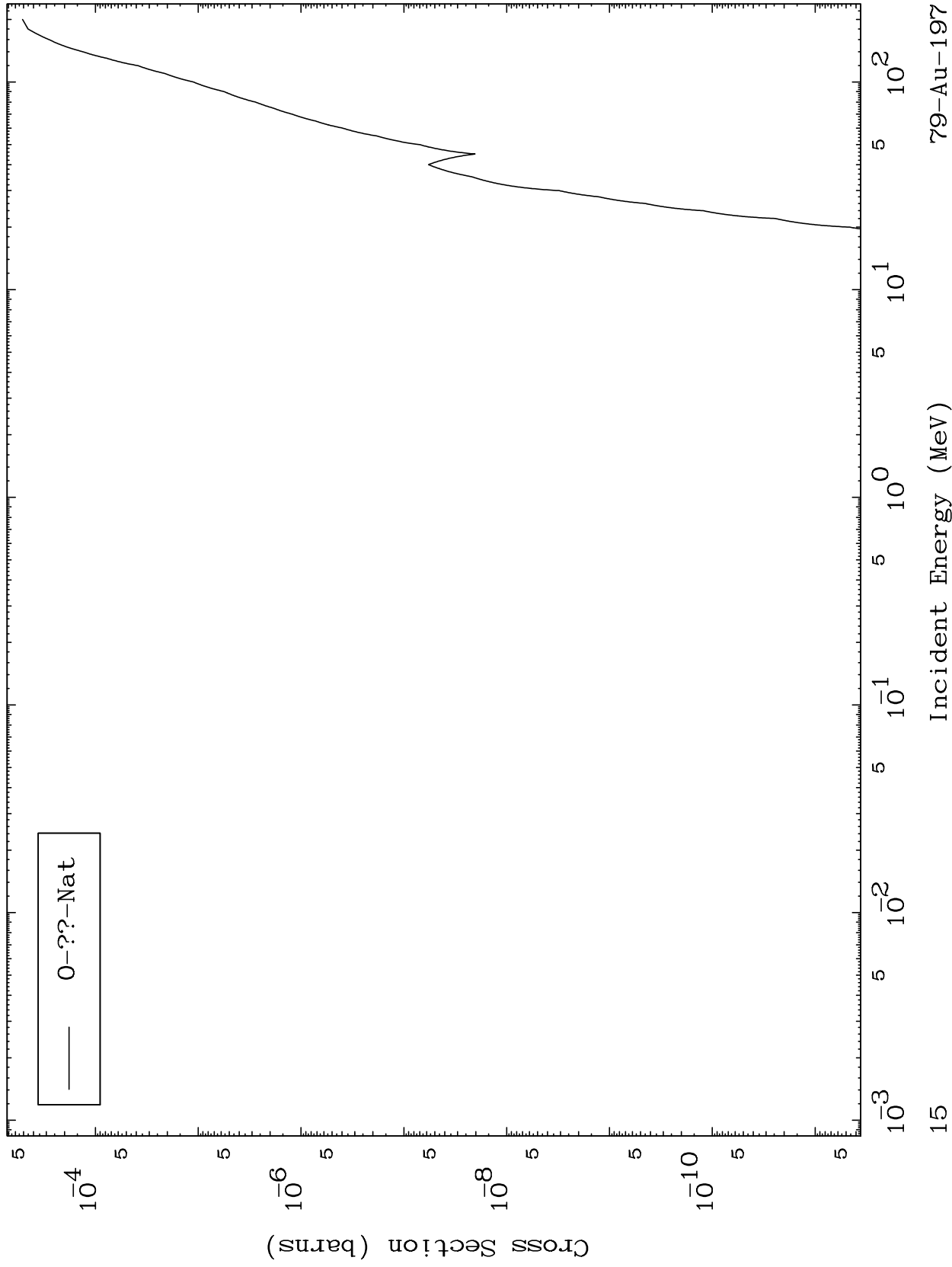
⁷⁹Au-¹⁹⁷



MAT 7925

Triton Fission
Radionuclide Production Cross Section

79-Au-197

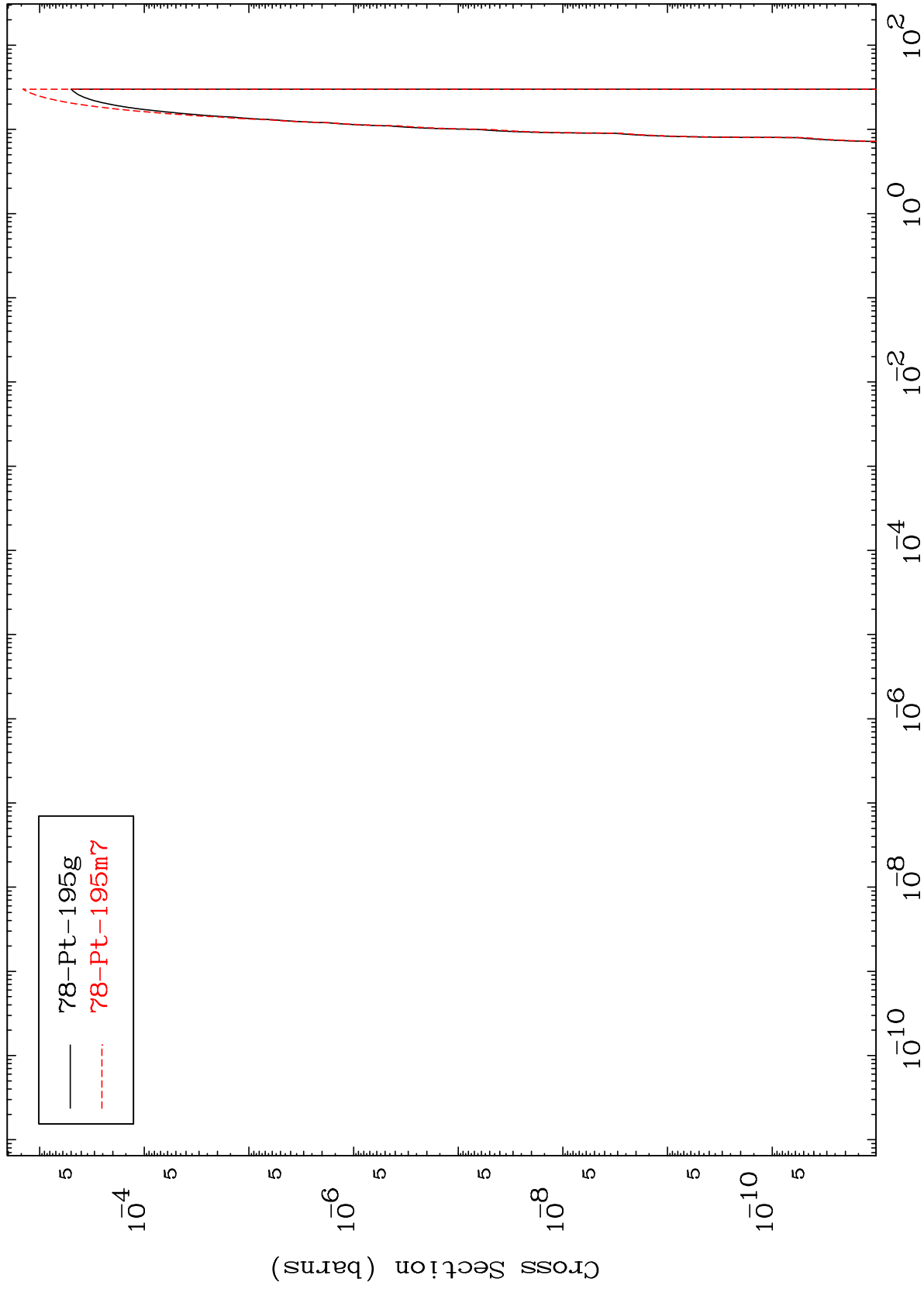


MAT 7925

$(t, n') \alpha$

$^{79}\text{Au-197}$

Radionuclide Production Cross Section



16

Incident Energy (MeV)

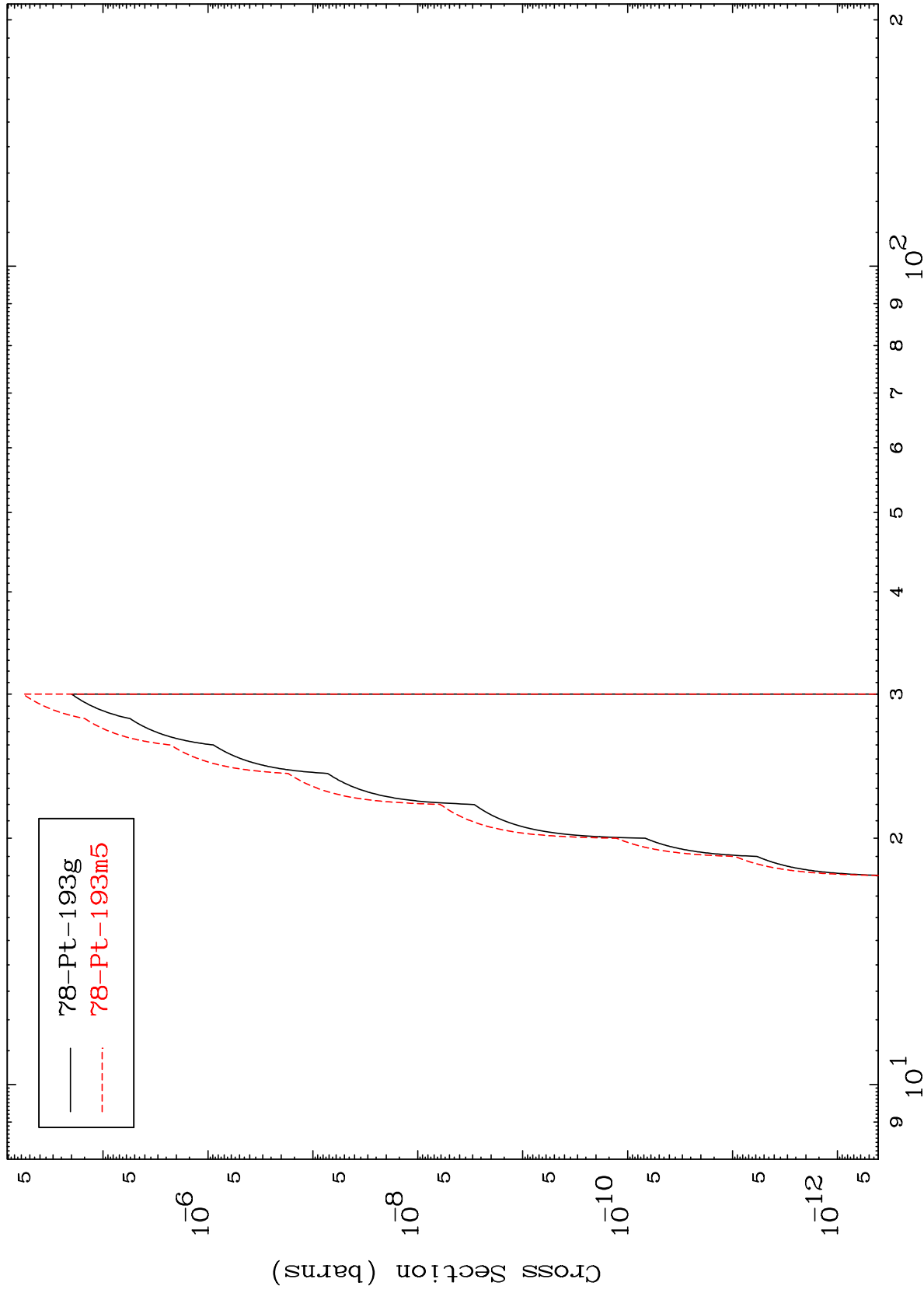
$^{79}\text{Au-197}$

MAT 7925

$^{78}\text{Pt-193g}$ α

$^{79}\text{Au-197}$

Radionuclide Production Cross Section



17

Incident Energy (MeV)

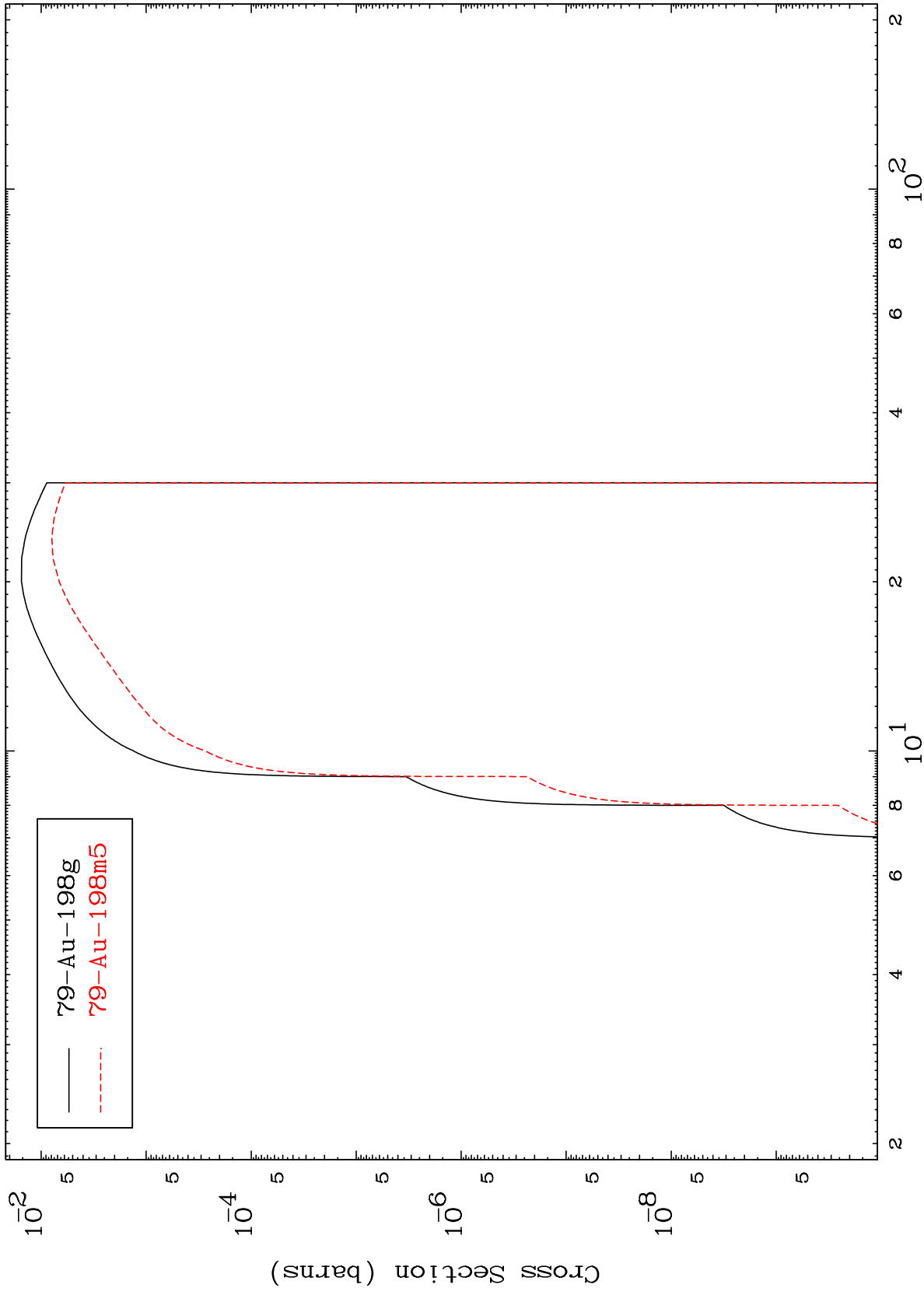
$^{79}\text{Au-197}$

MAT 7925

(t,n') p

⁷⁹Au-197

Radionuclide Production Cross Section



18

Incident Energy (MeV)

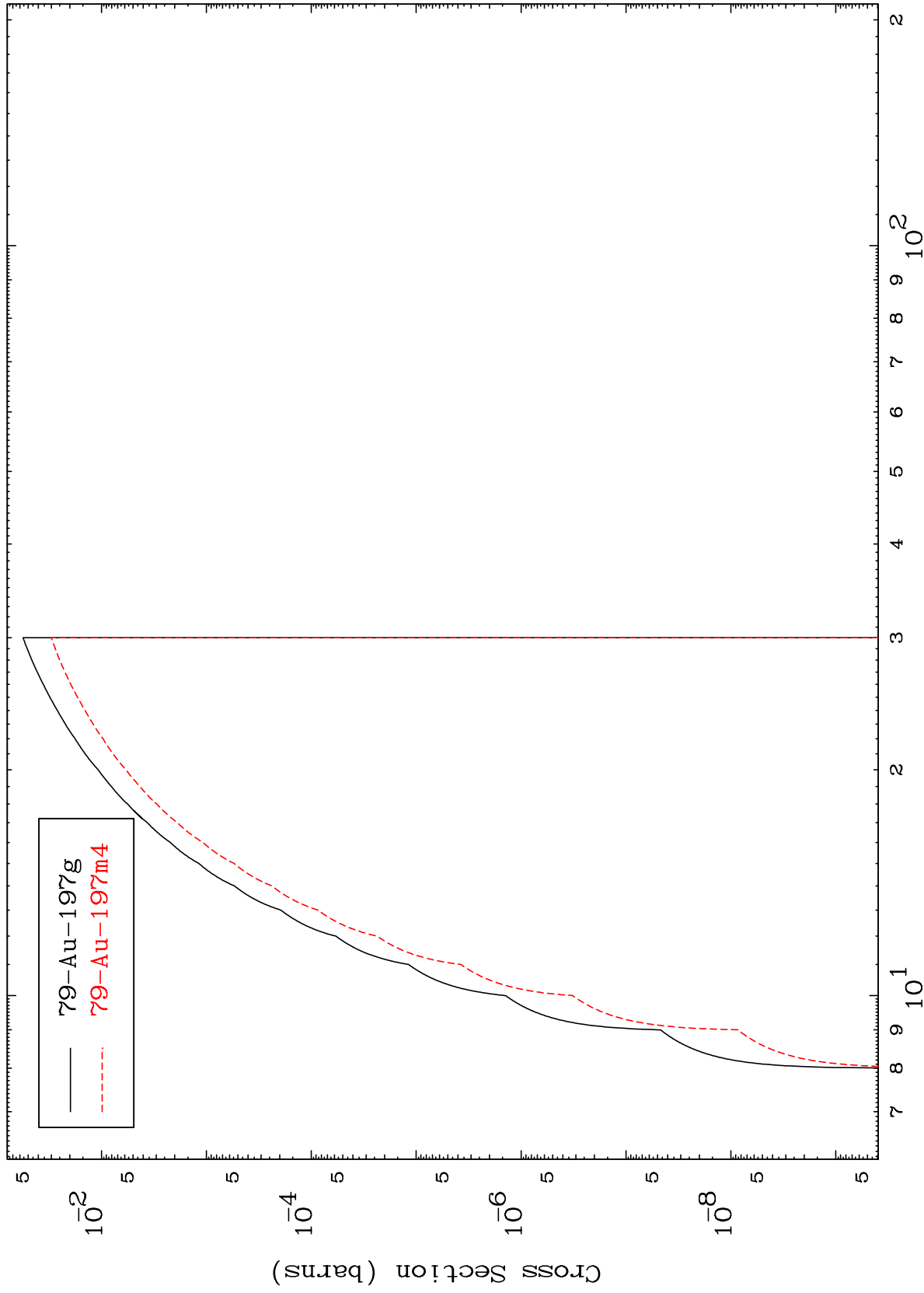
⁷⁹Au-197

MAT 7925

(t,n') d

⁷⁹Au-197

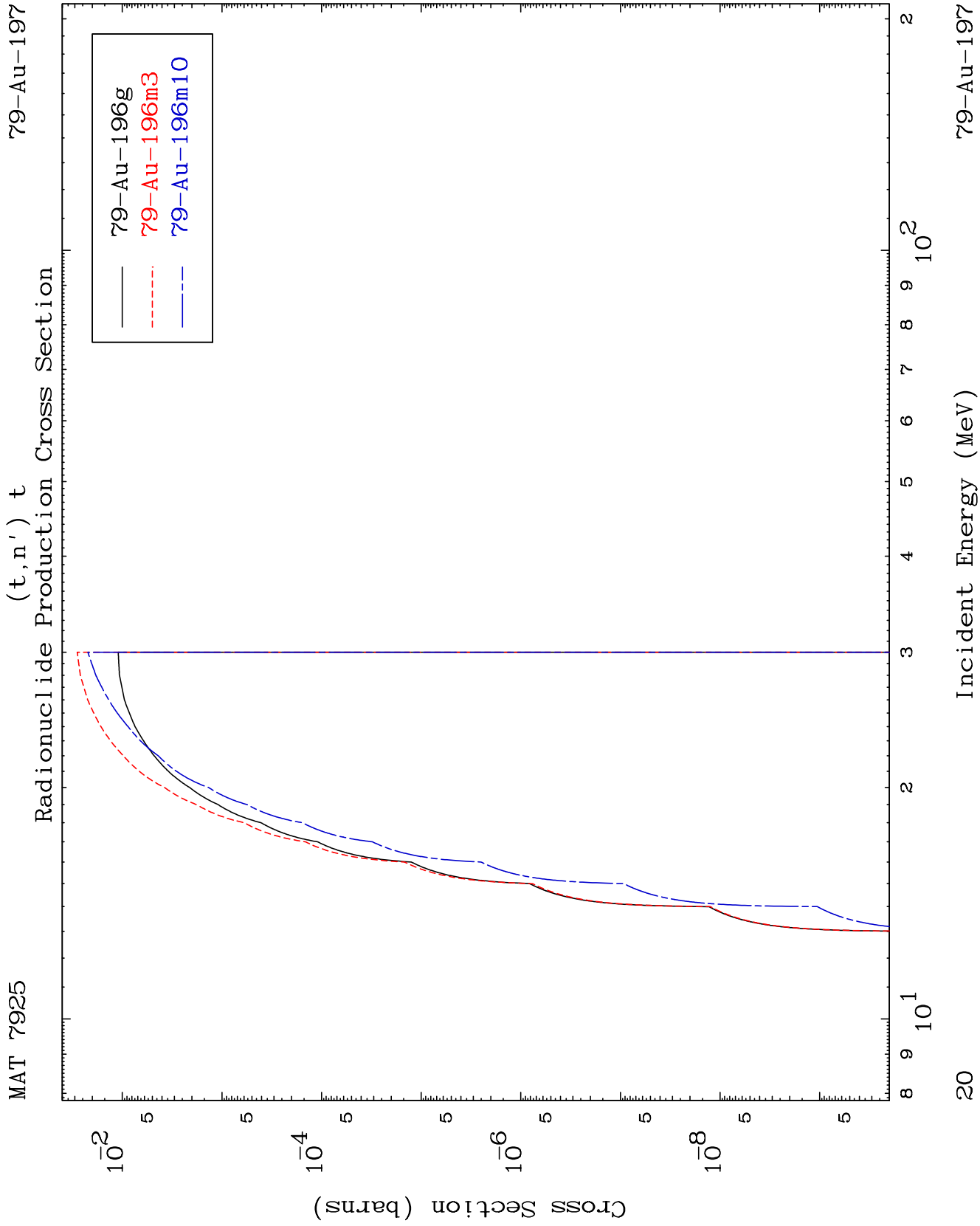
Radionuclide Production Cross Section



19

Incident Energy (MeV)

⁷⁹Au-197

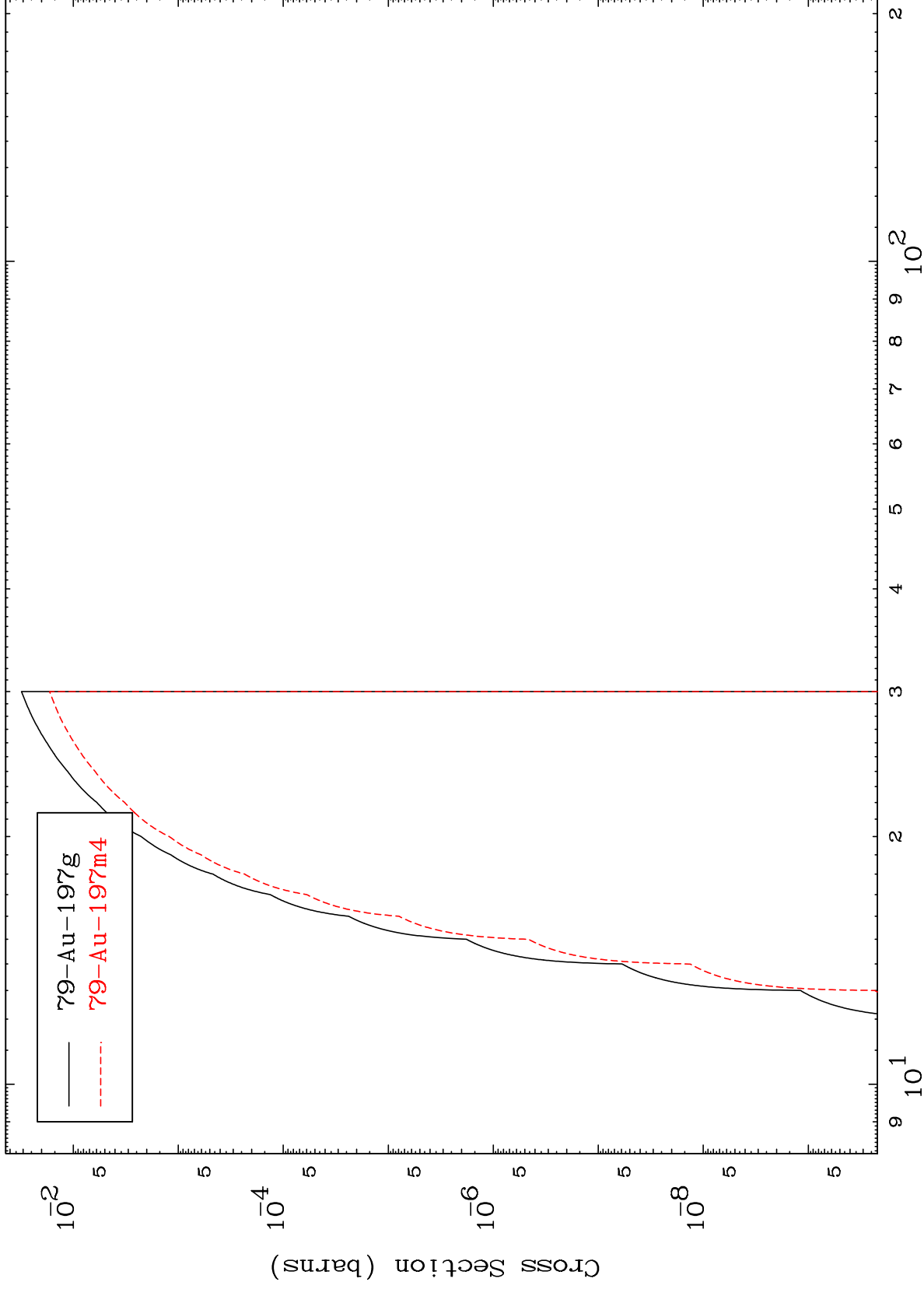


MAT 7925

(t,2n) p

⁷⁹Au-197

Radionuclide Production Cross Section



21

Incident Energy (MeV)

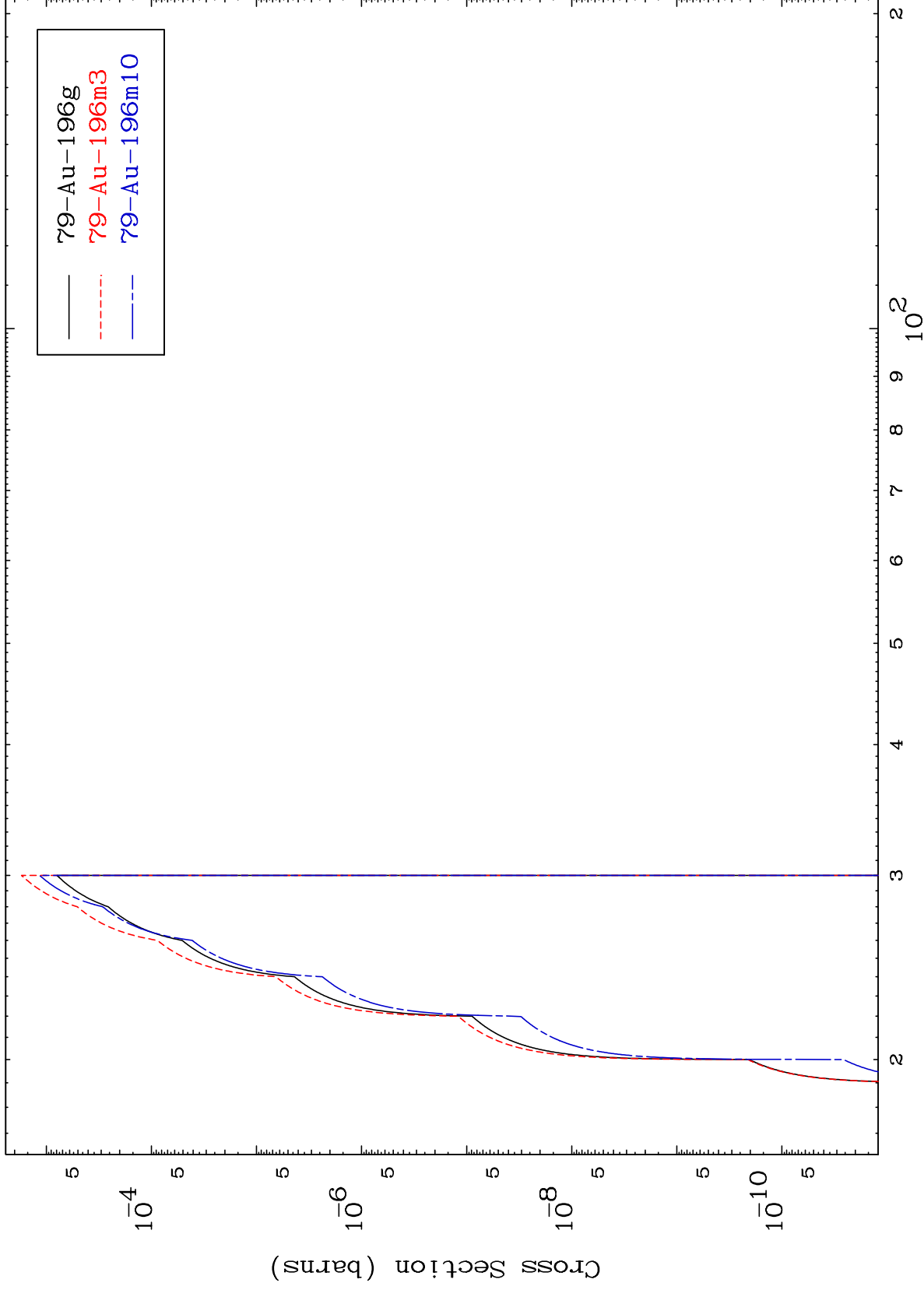
⁷⁹Au-197

MAT 7925

(t,3n) p

⁷⁹Au-197

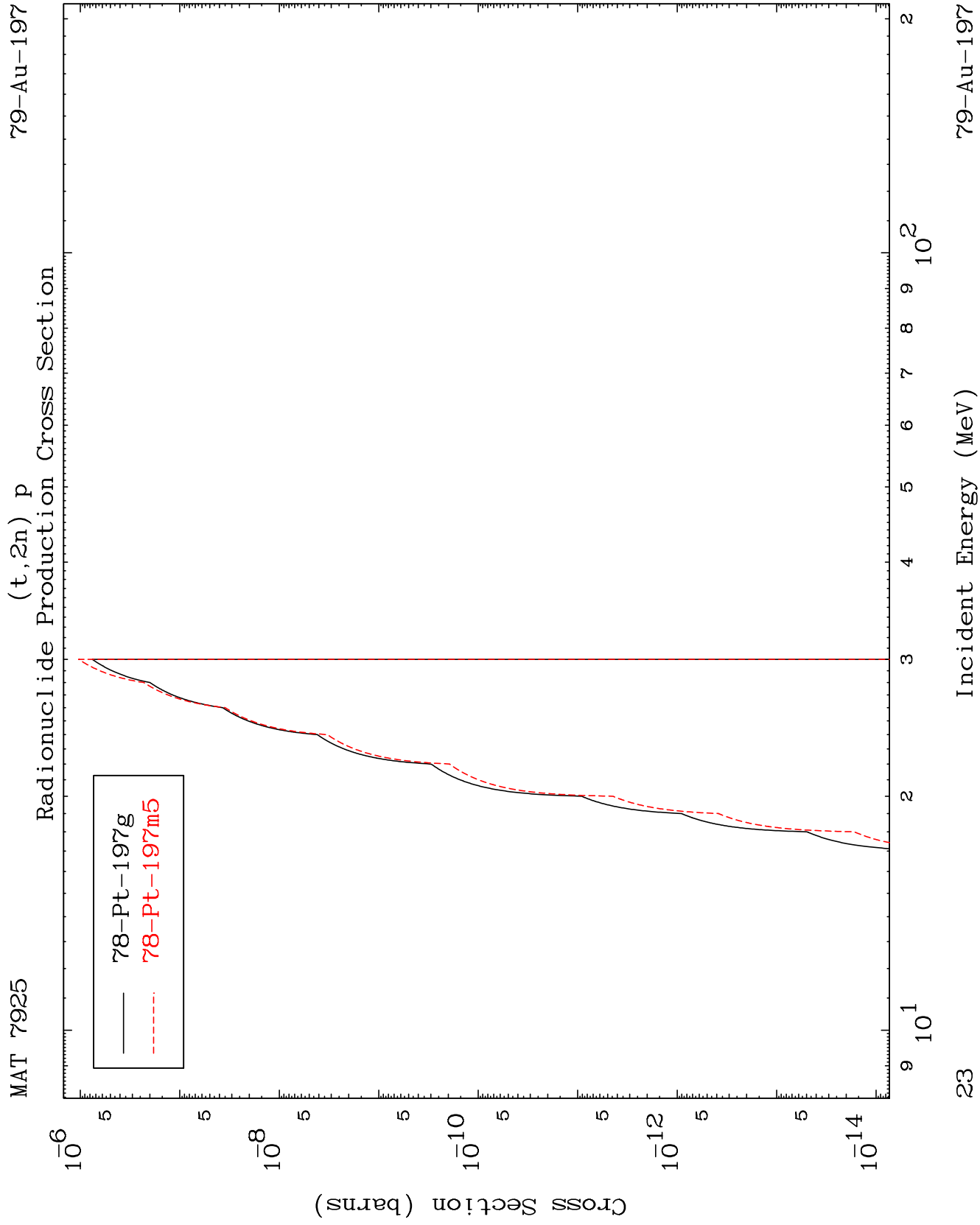
Radionuclide Production Cross Section



22

Incident Energy (MeV)

⁷⁹Au-197

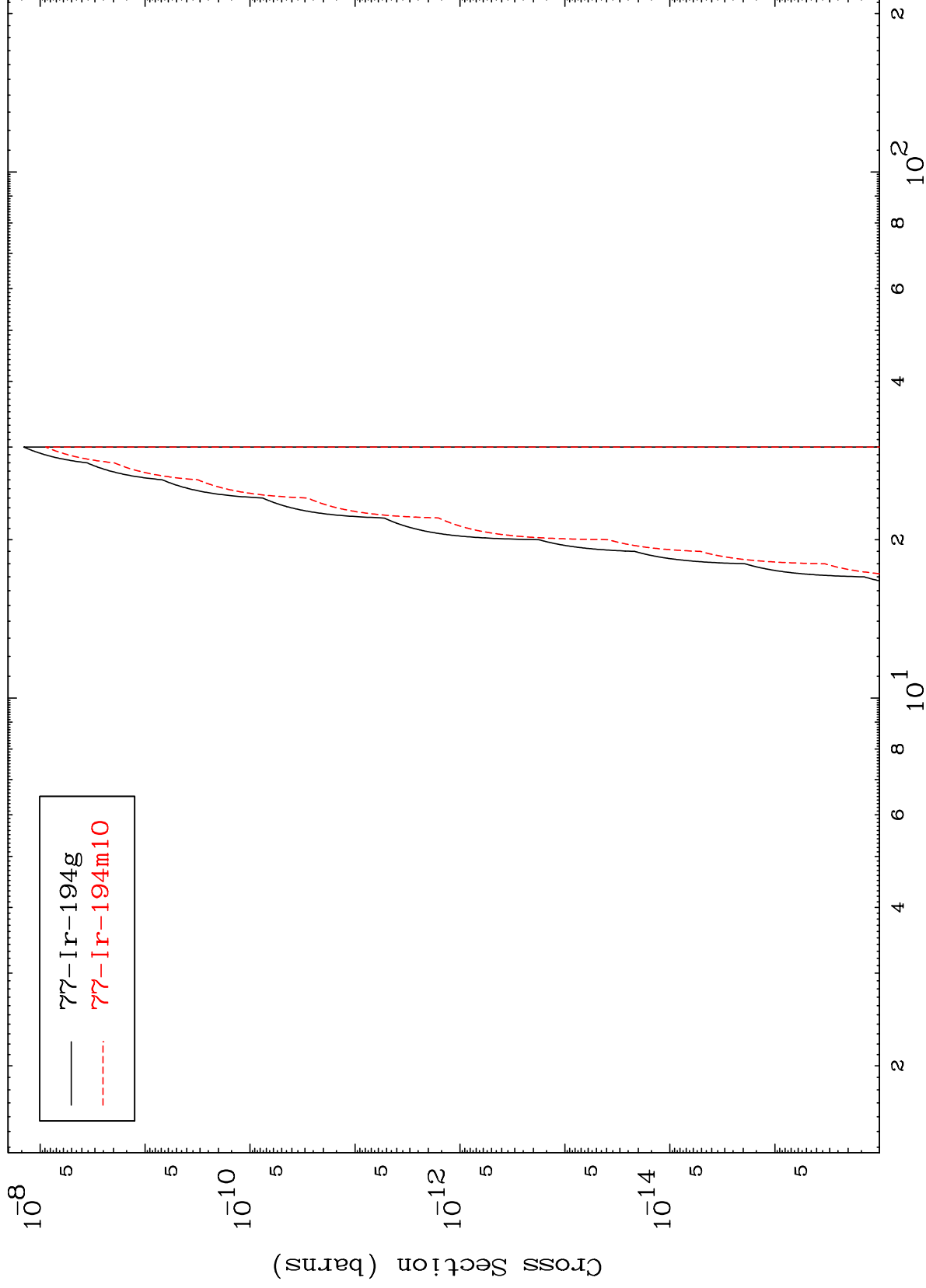


MAT 7925

(t,n') p α

79-Au-197

Radionuclide Production Cross Section



24

Incident Energy (MeV)

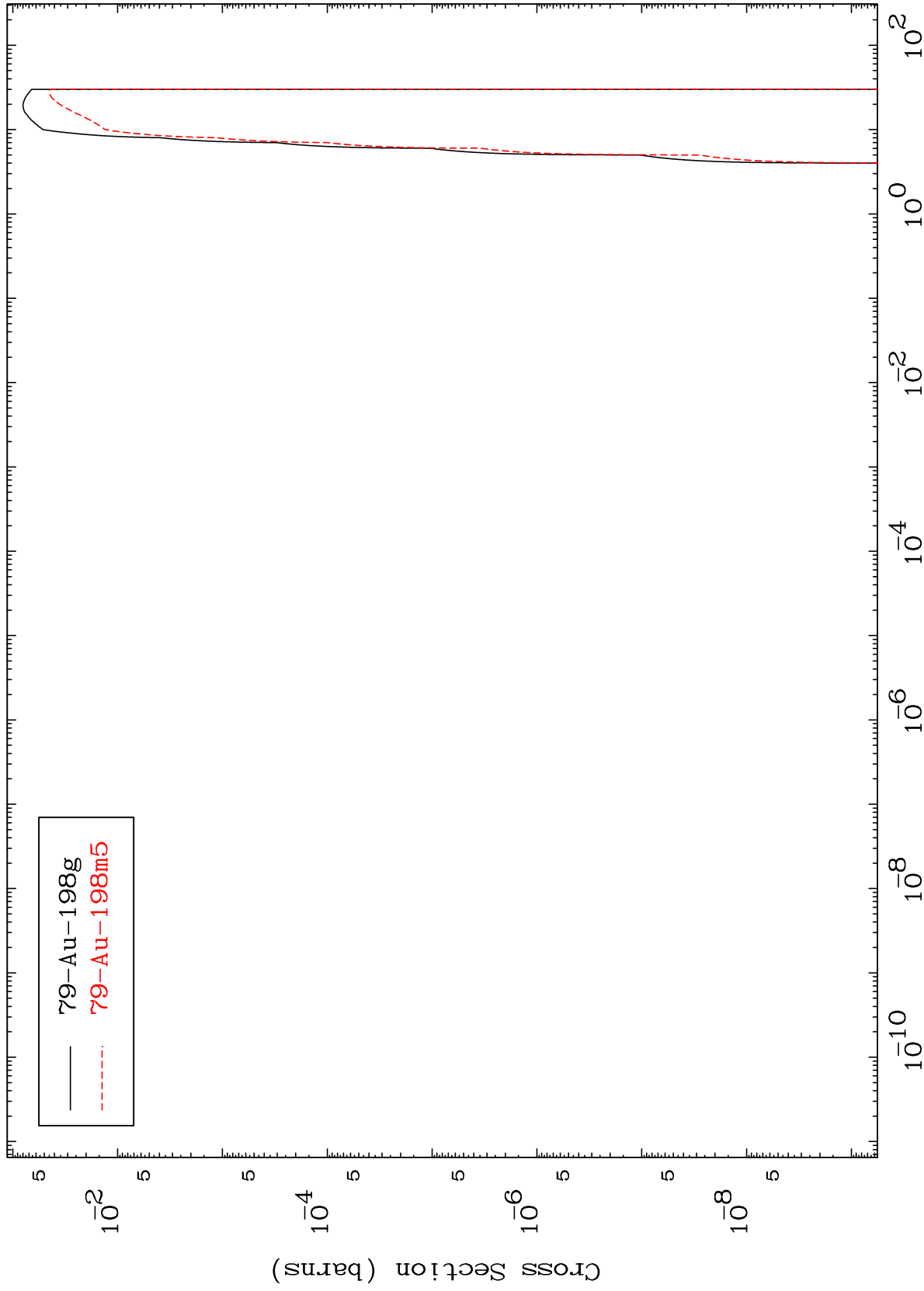
79-Au-197

MAT 7925

(t,d)

⁷⁹Au-197

Radionuclide Production Cross Section



25

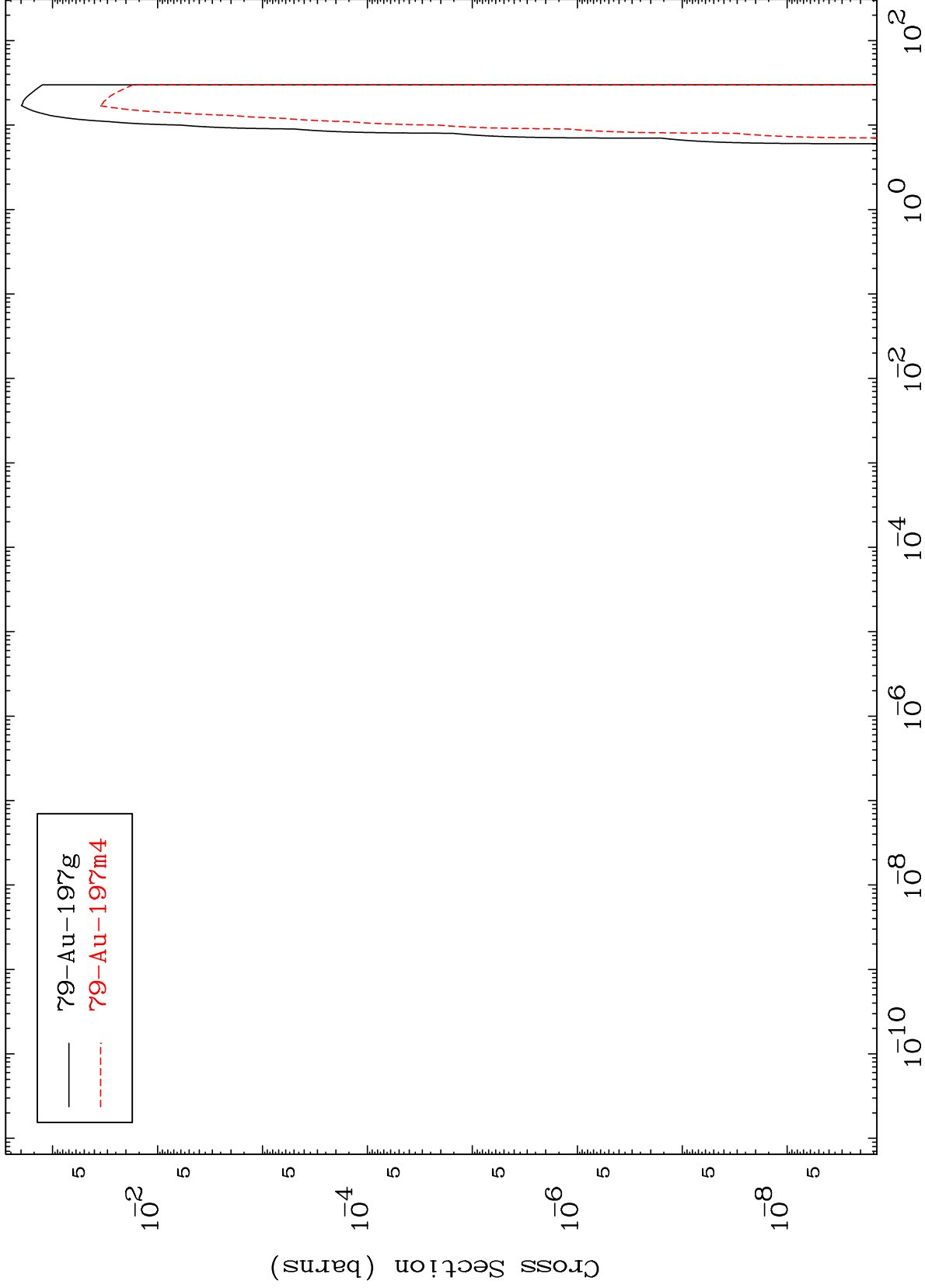
Incident Energy (MeV)

⁷⁹Au-197

MAT 7925

(t,t)
Radionuclide Production Cross Section

⁷⁹Au-197



26

Incident Energy (MeV)

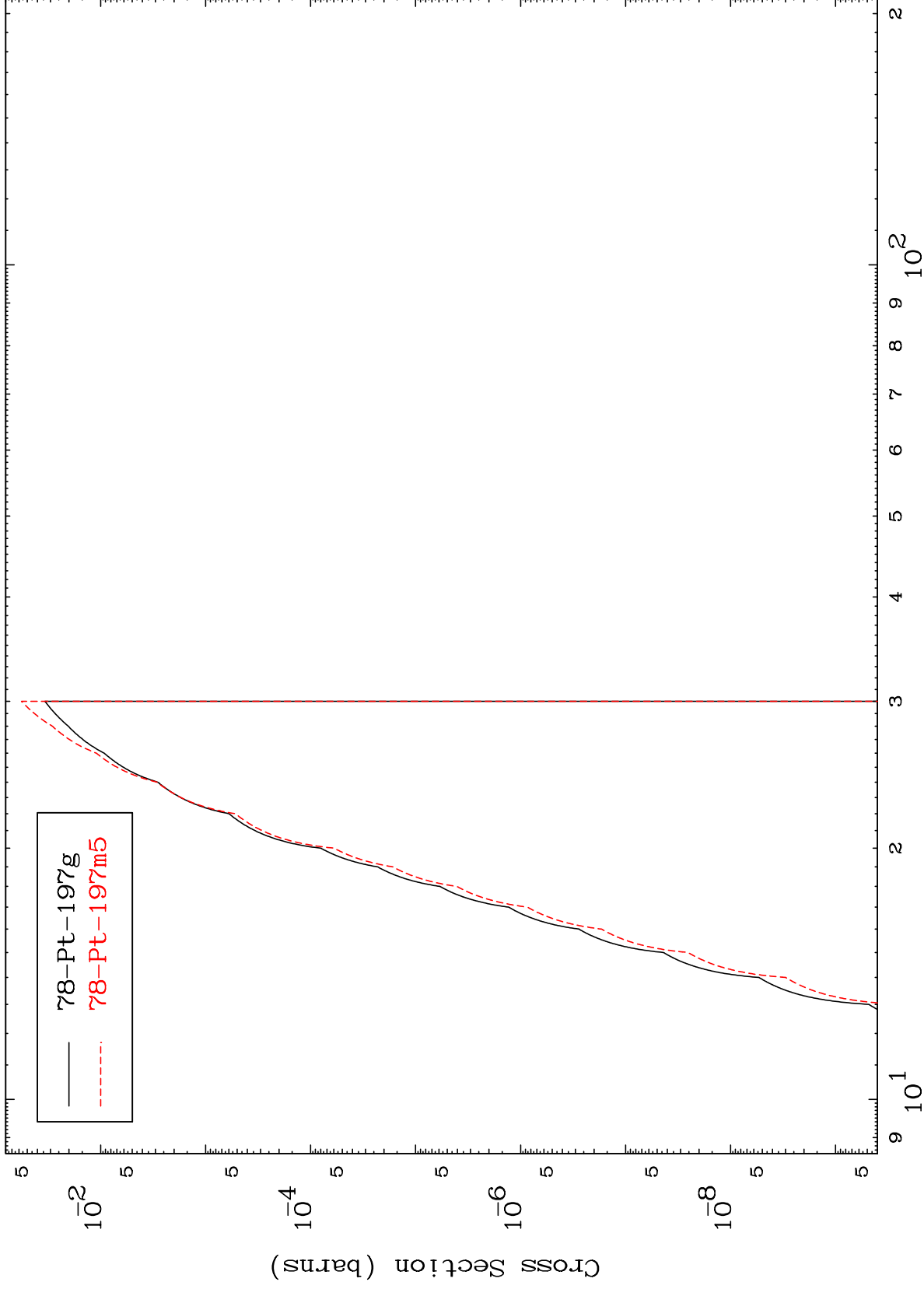
⁷⁹Au-197

MAT 7925

(t,He-3)

79-Au-197

Radionuclide Production Cross Section



27

Incident Energy (MeV)

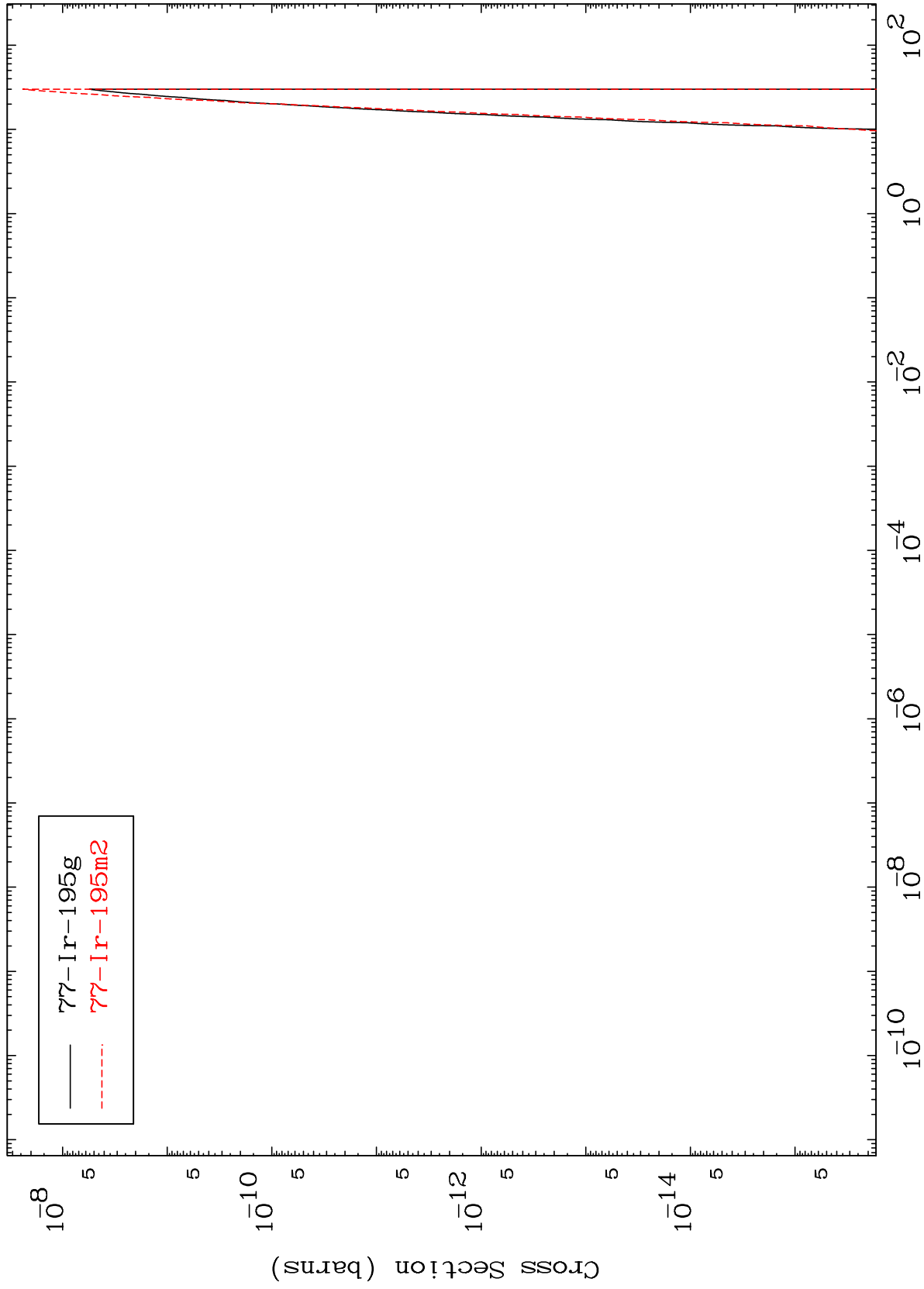
79-Au-197

MAT 7925

(t,p) α

79-Au-197

Radionuclide Production Cross Section



28

Incident Energy (MeV)

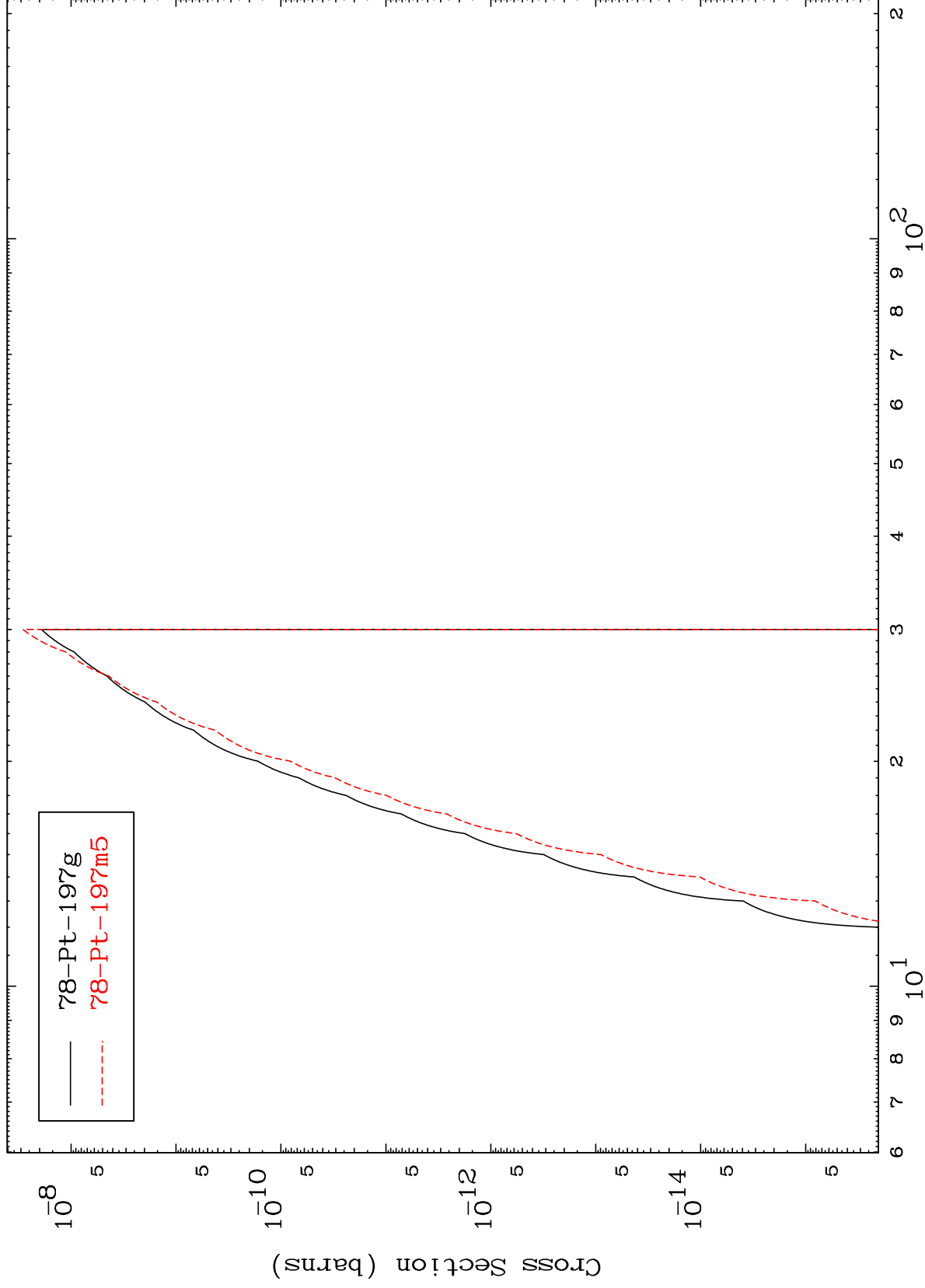
79-Au-197

MAT 7925

(t,p) d

⁷⁹Au-197

Radionuclide Production Cross Section



29

Incident Energy (MeV)

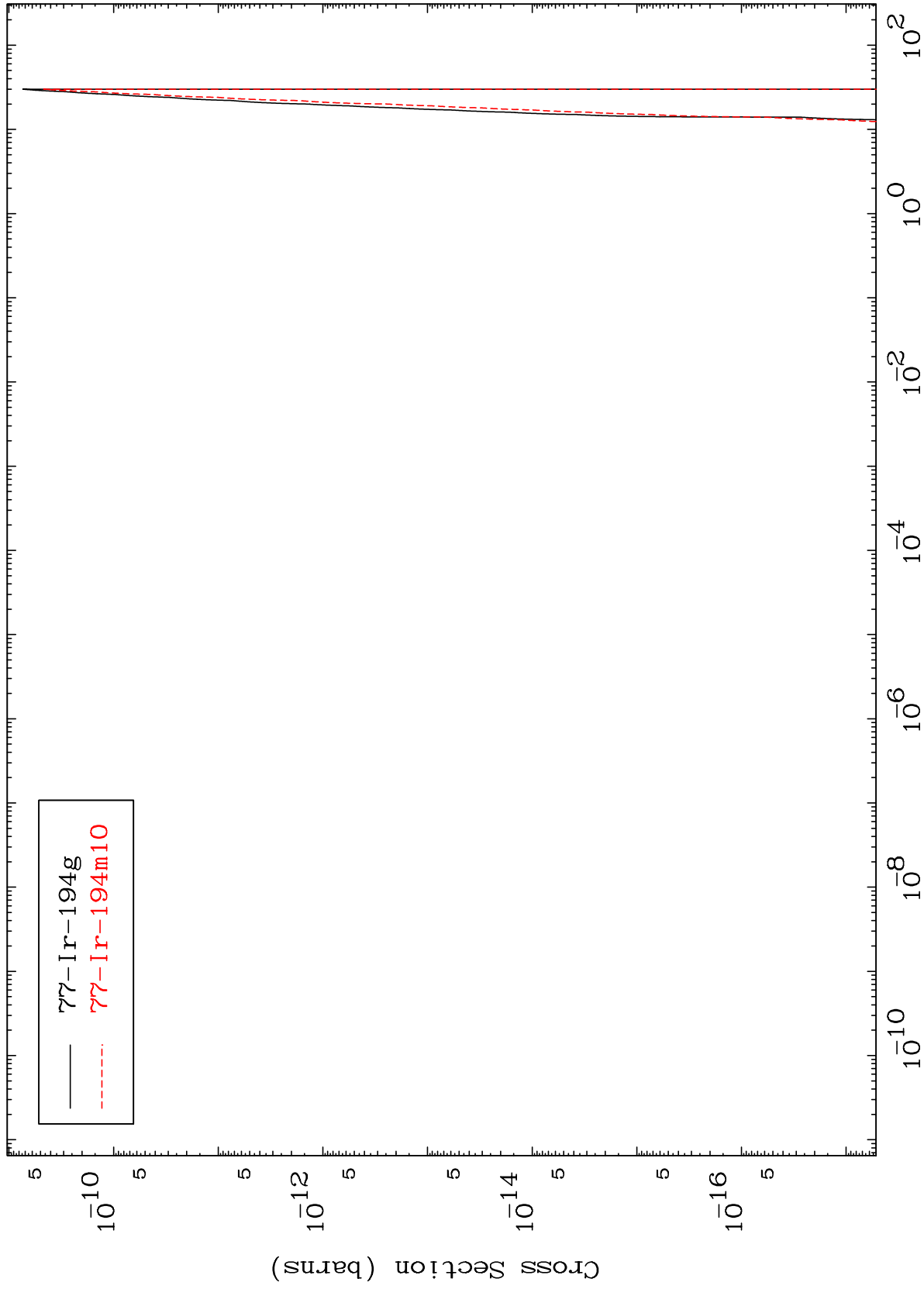
⁷⁹Au-197

MAT 7925

(t,d) α

⁷⁹Au-197

Radionuclide Production Cross Section



30

Incident Energy (MeV)

⁷⁹Au-197