

Program EVALPLOT
(Version 2021-1)

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

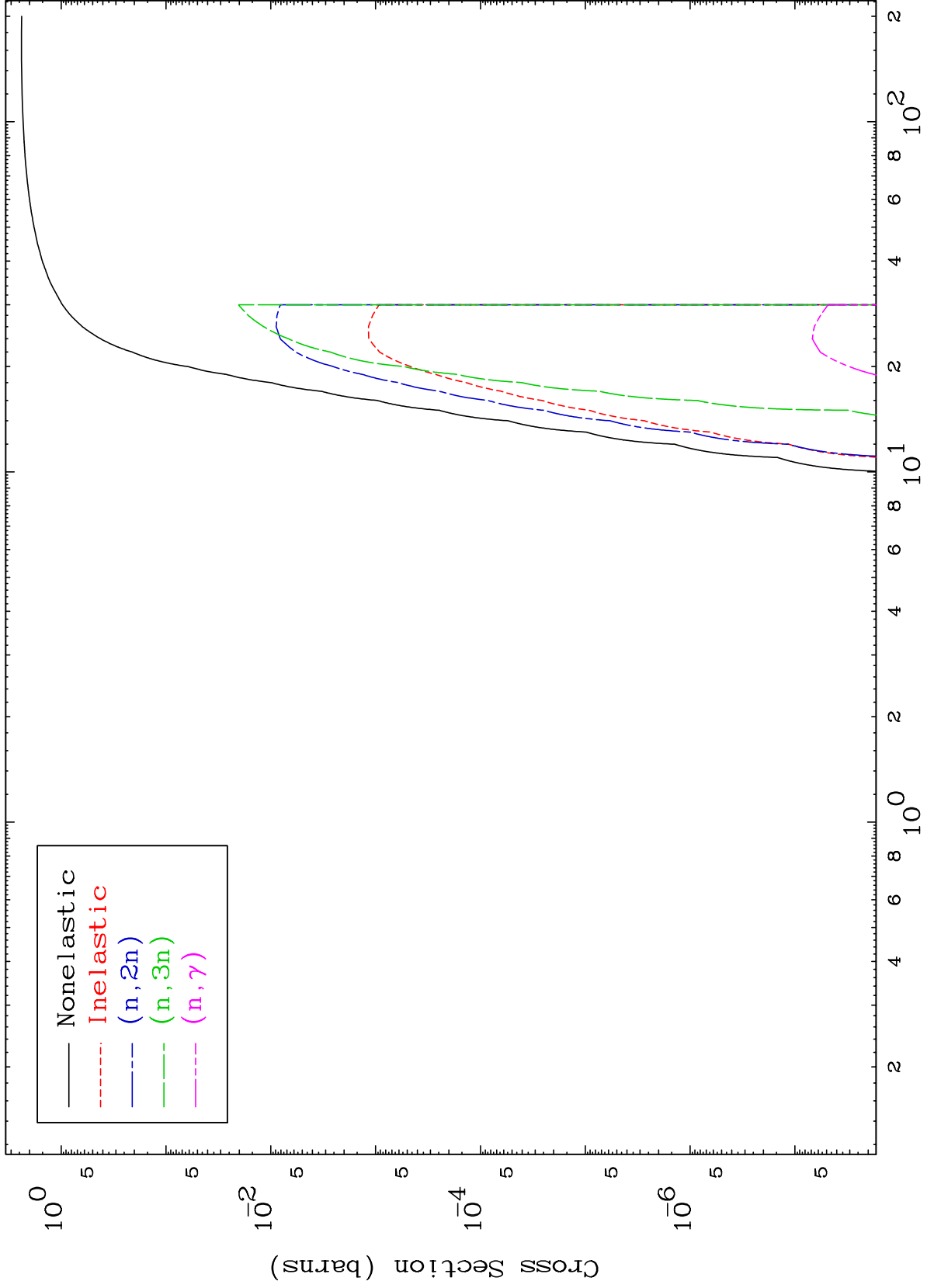
Press Mouse Button to Start

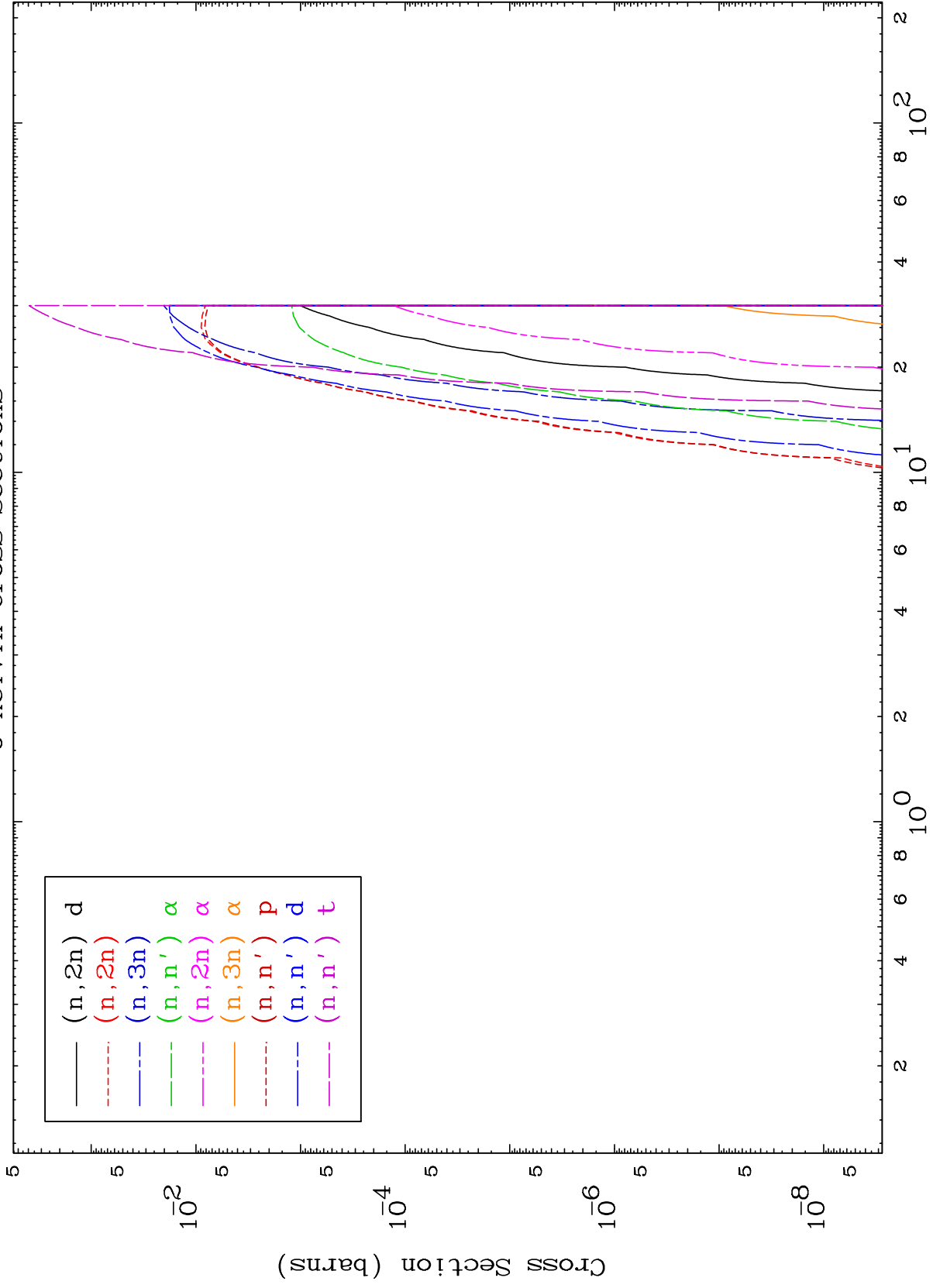
MAT 7919

He-3 Major

79-Au-195

0 Kelvin Cross Sections

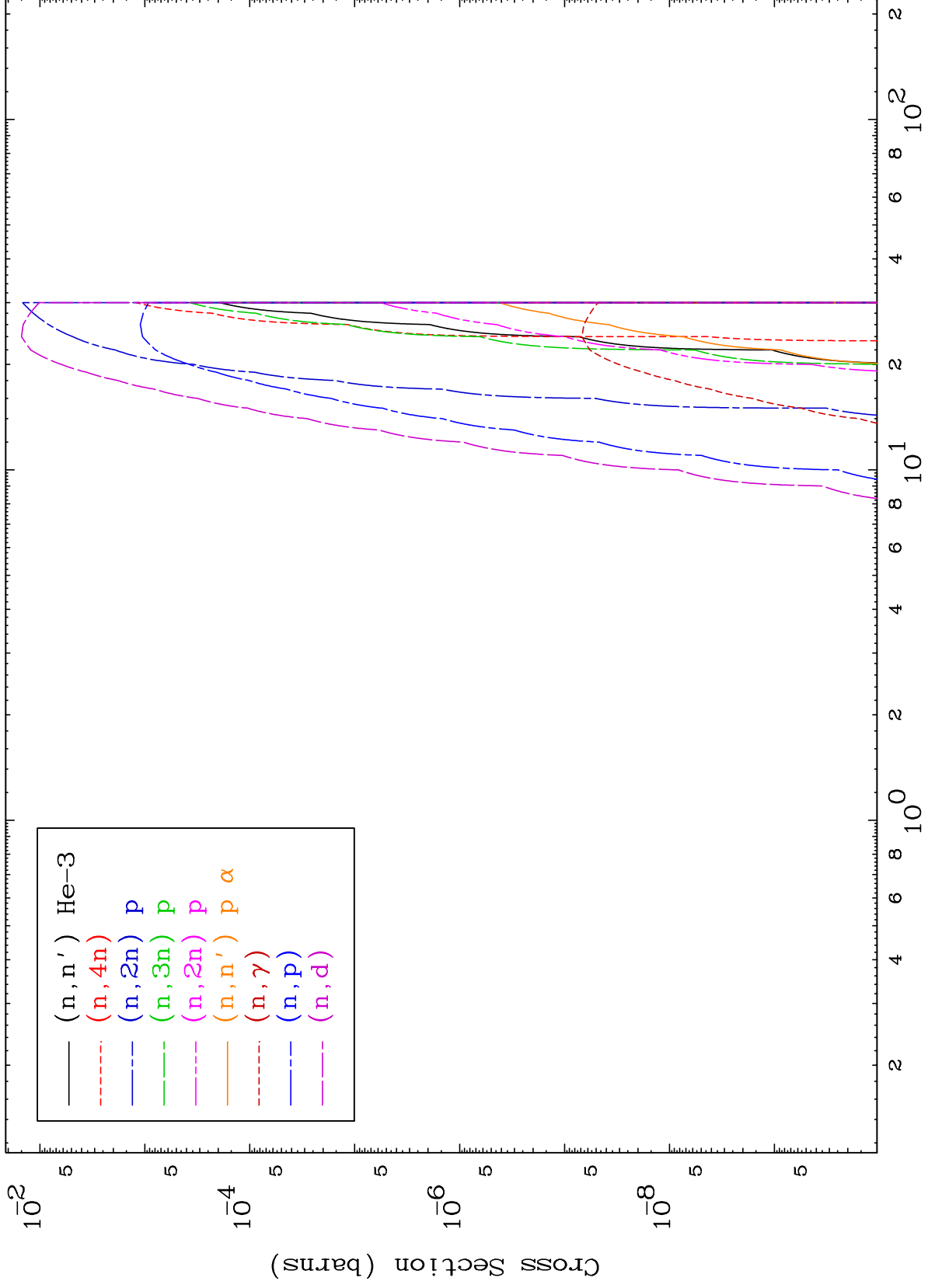




MAT 7919

He-3 Neutron Absorption
0 Kelvin Cross Sections

79-Au-195



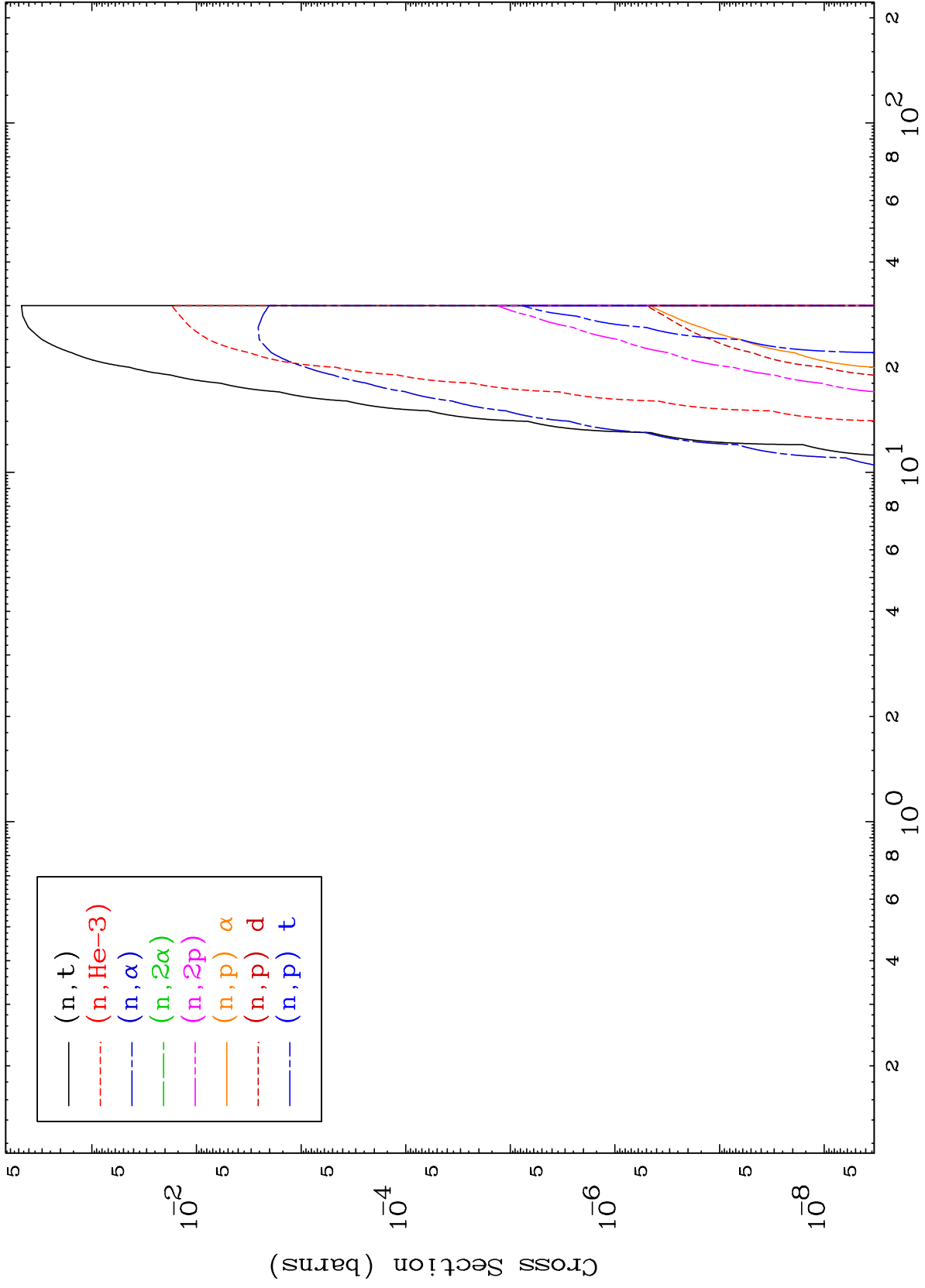
79-Au-195

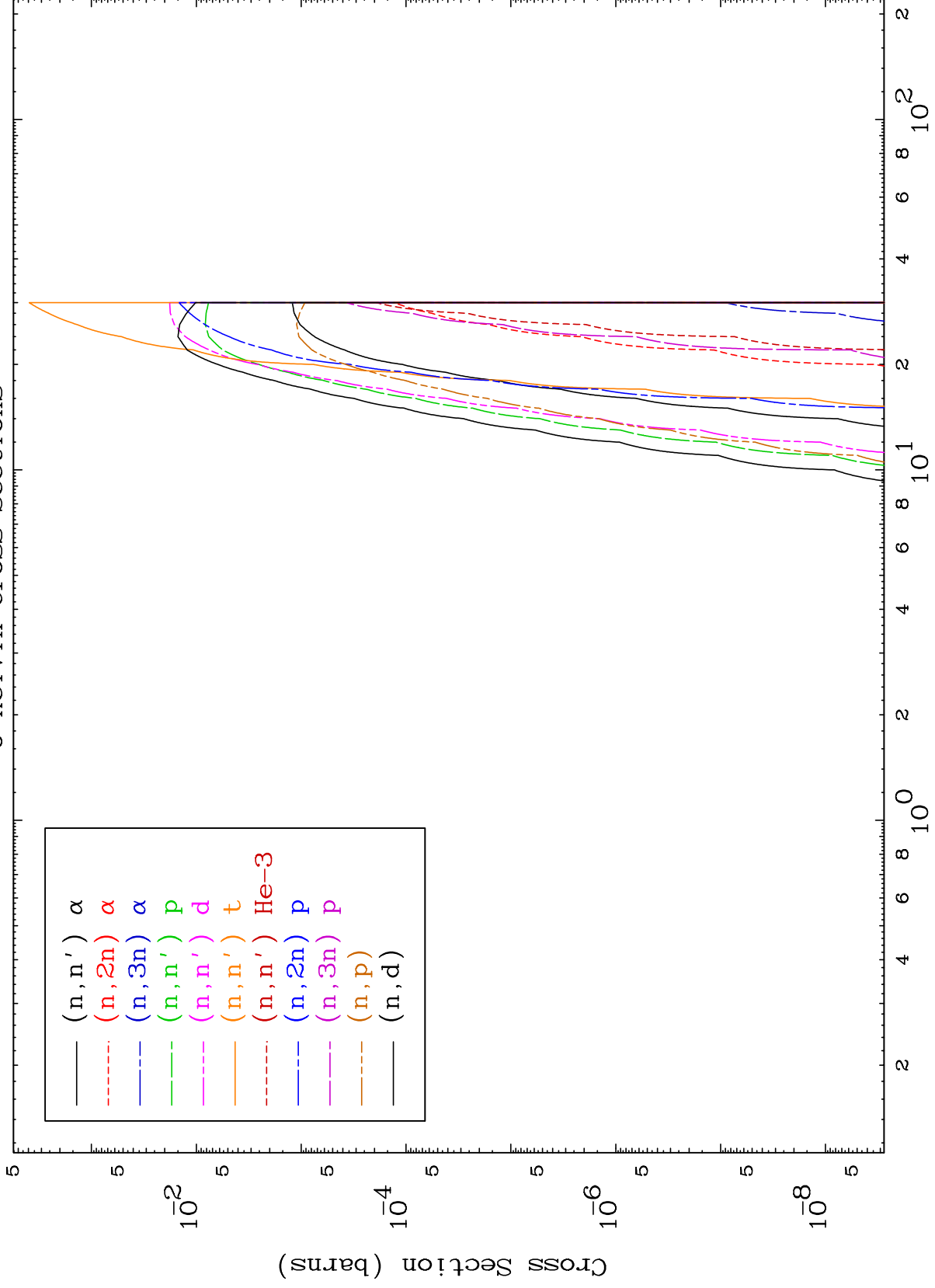
Incident Energy (MeV)

MAT 7919

He-3 Neutron Absorption
0 Kelvin Cross Sections

79-Au-195

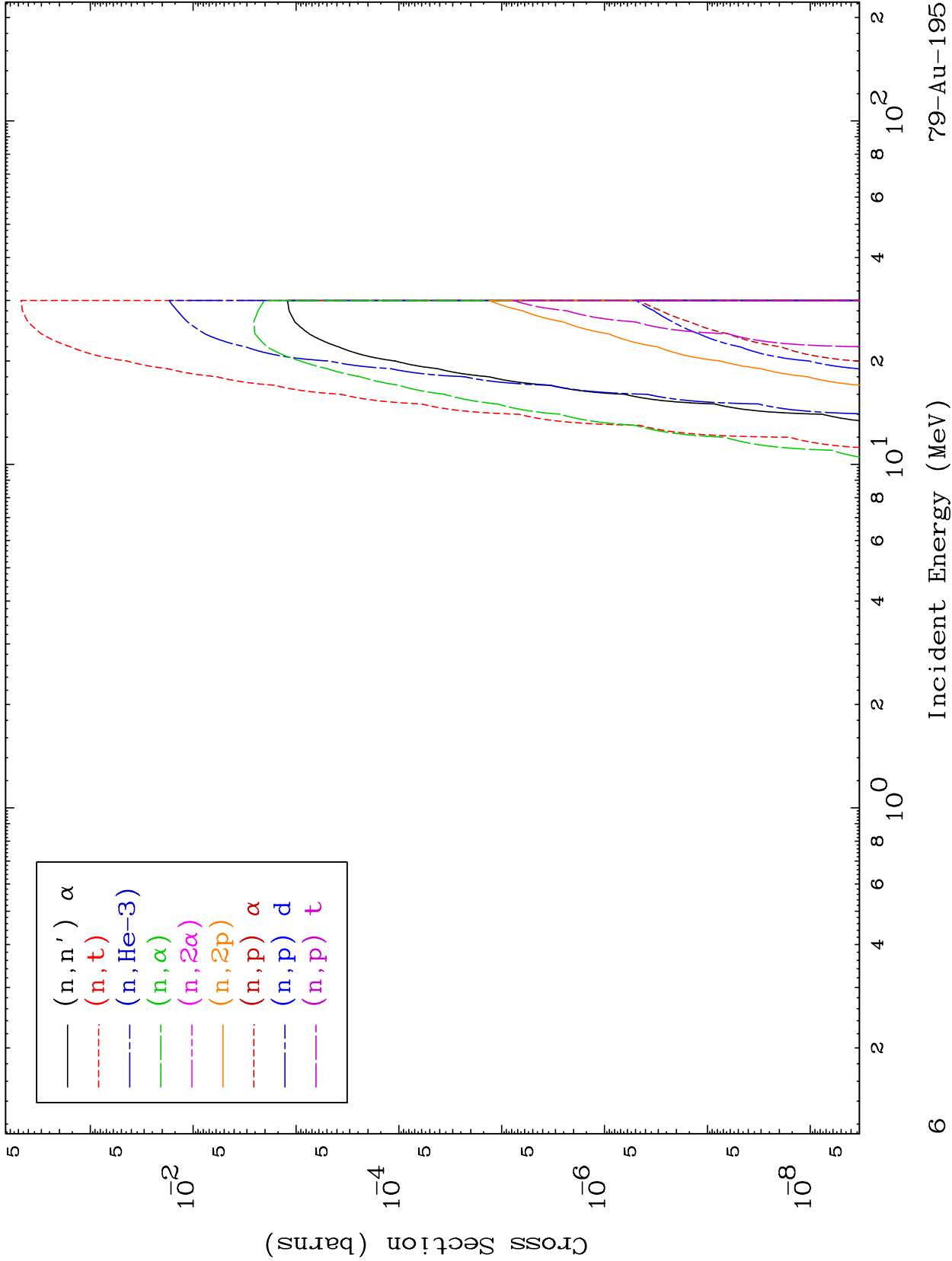




MAT 7919

He-3 Charged Particle
0 Kelvin Cross Sections

79-Au-195

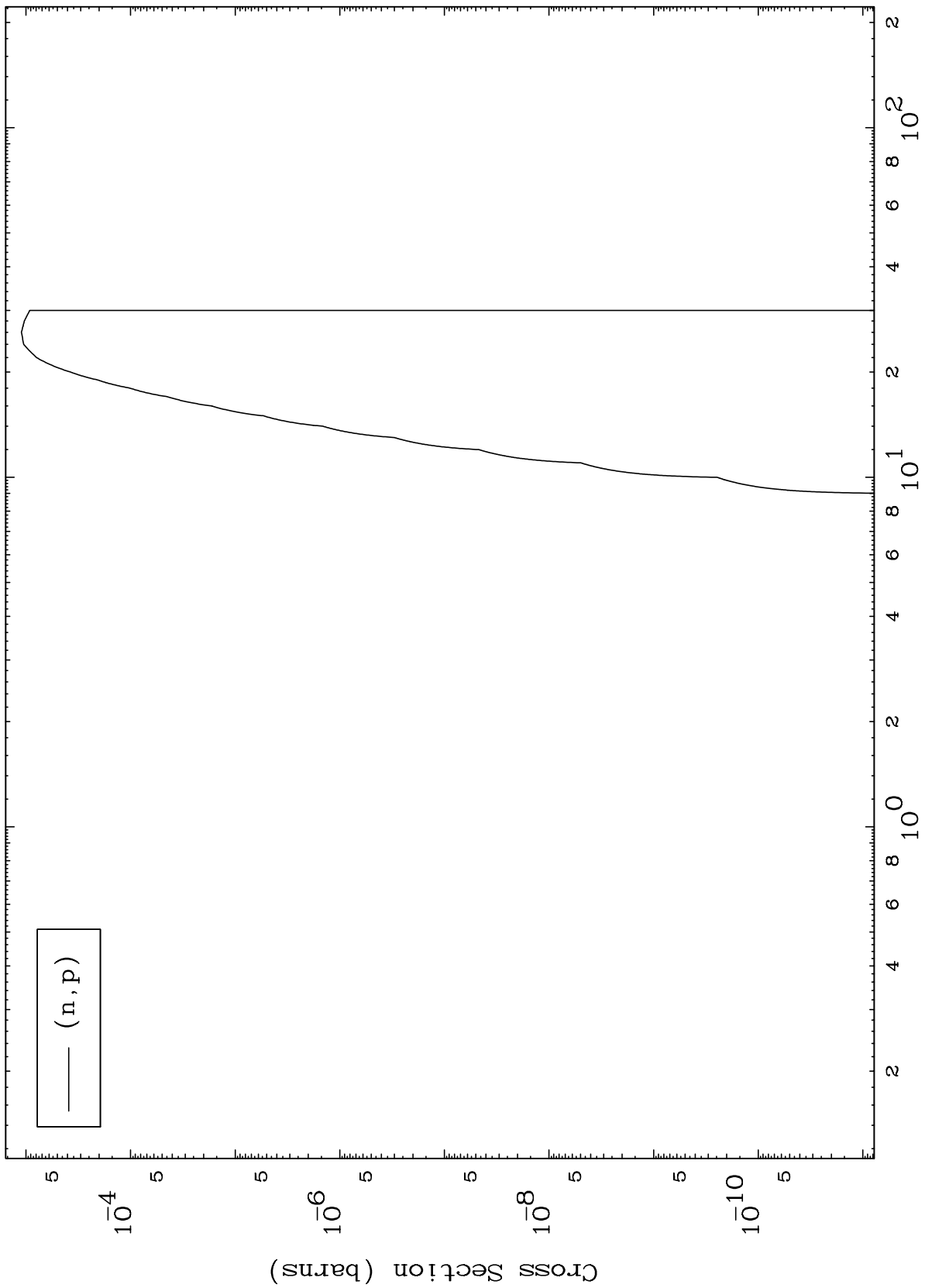


MAT 7919

(He-3,p) Levels

79-Au-195

0 Kelvin Cross Sections

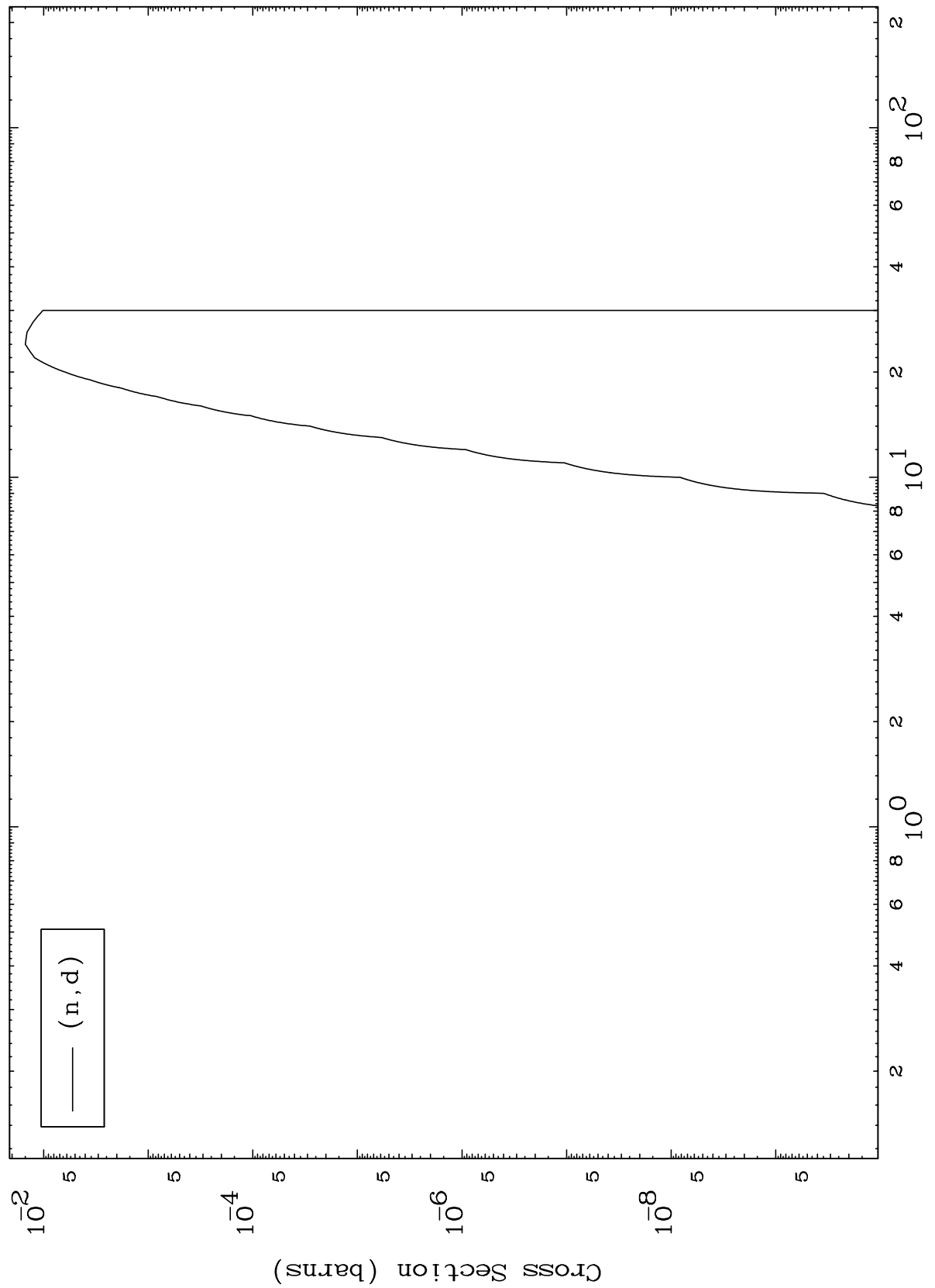


MAT 7919

(He-3,d) Levels

79-Au-195

0 Kelvin Cross Sections

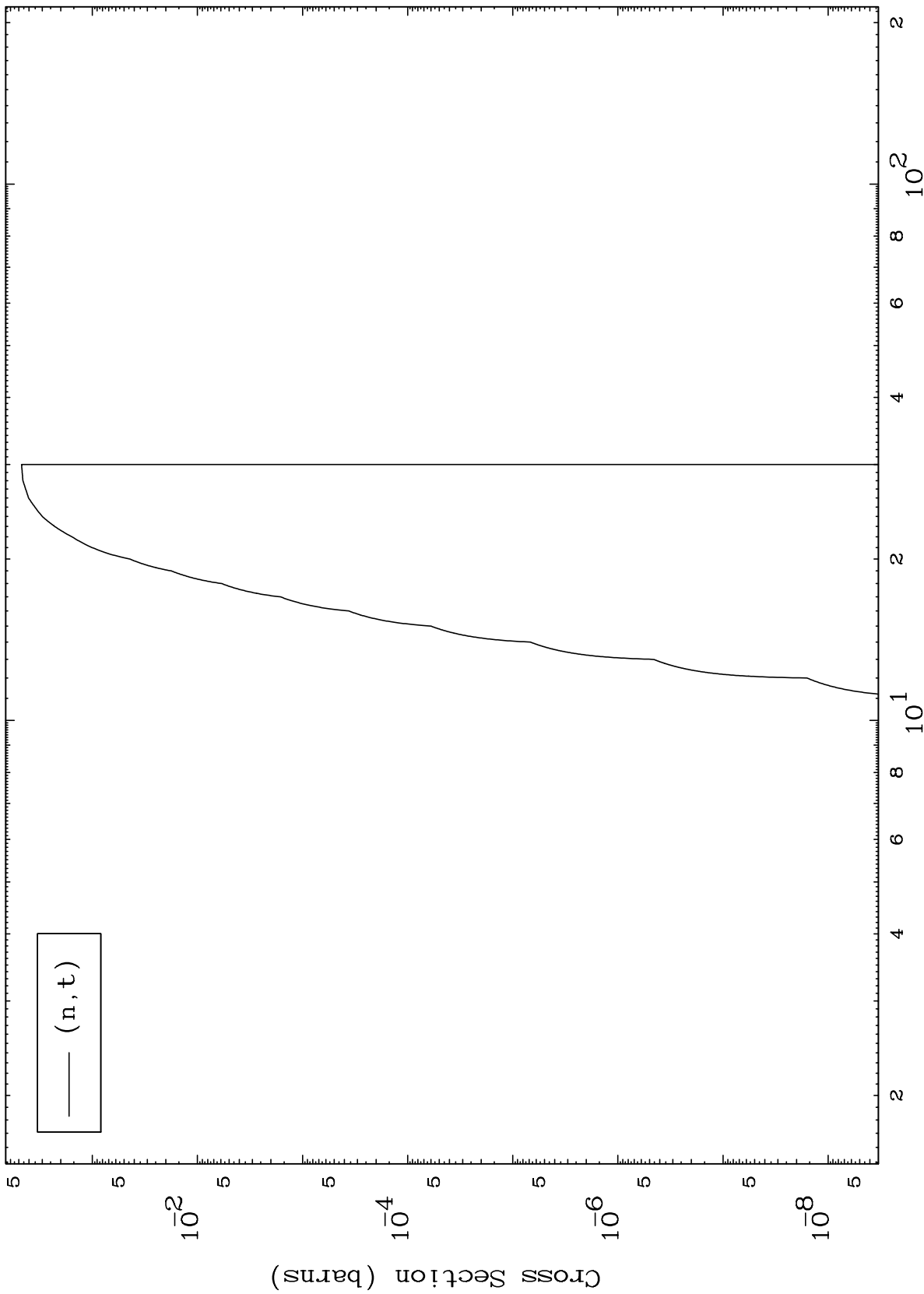


MAT 7919

(He-3,t) Levels

79-Au-195

0 Kelvin Cross Sections

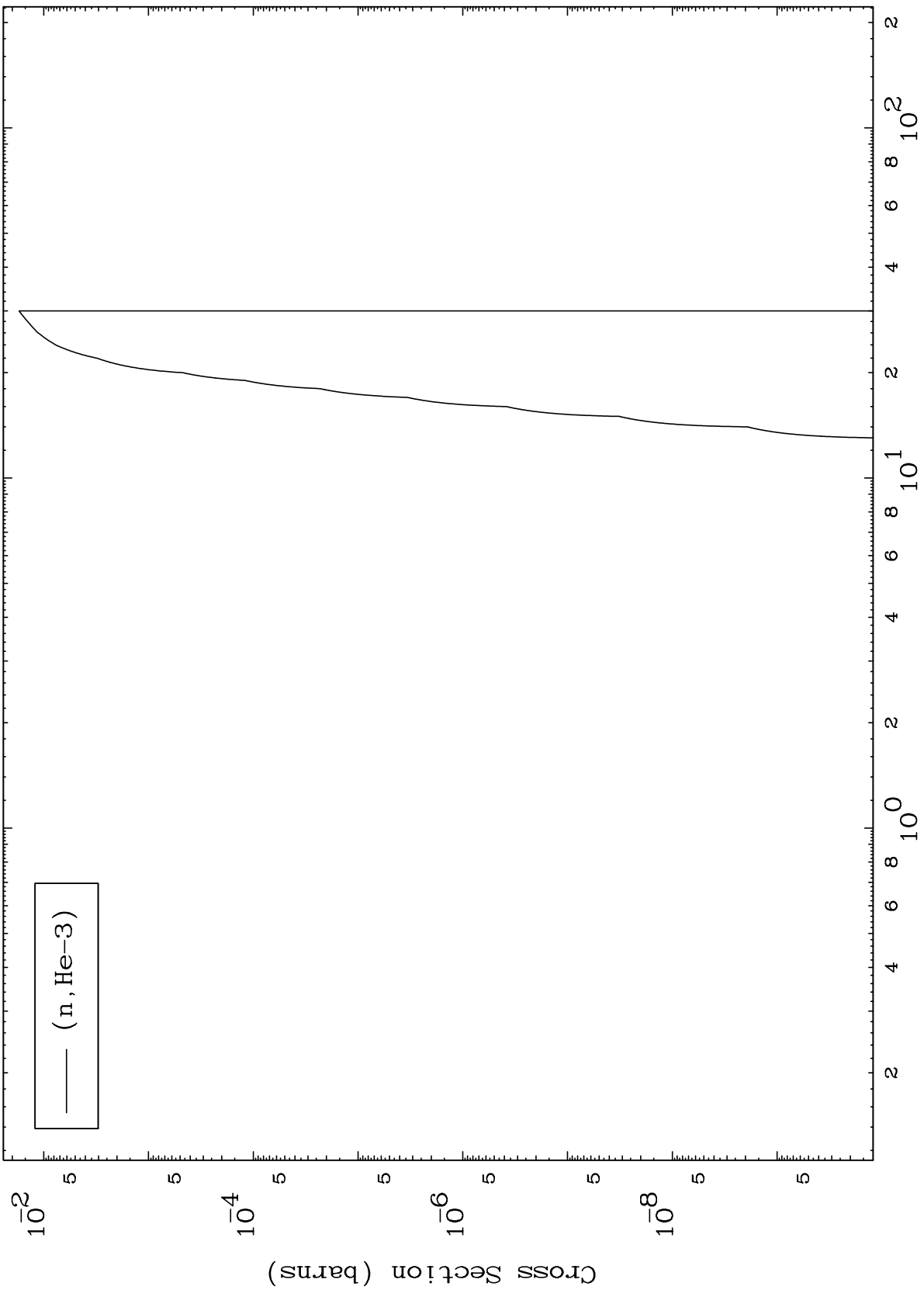


MAT 7919

(He-3, He3) Levels

79-Au-195

0 Kelvin Cross Sections



10

Incident Energy (MeV)

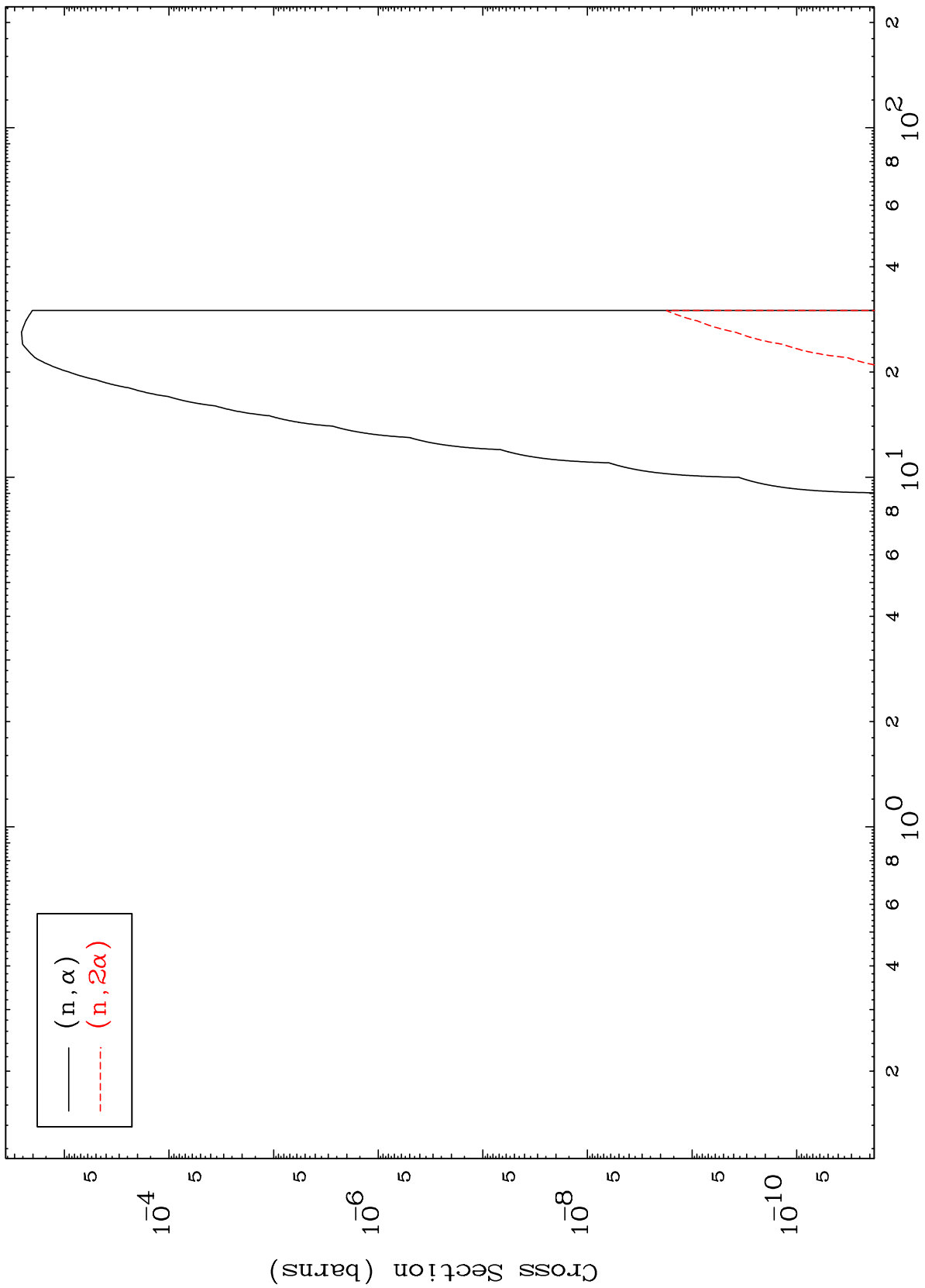
79-Au-195

MAT 7919

(He-3, α) Levels

79-Au-195

0 Kelvin Cross Sections

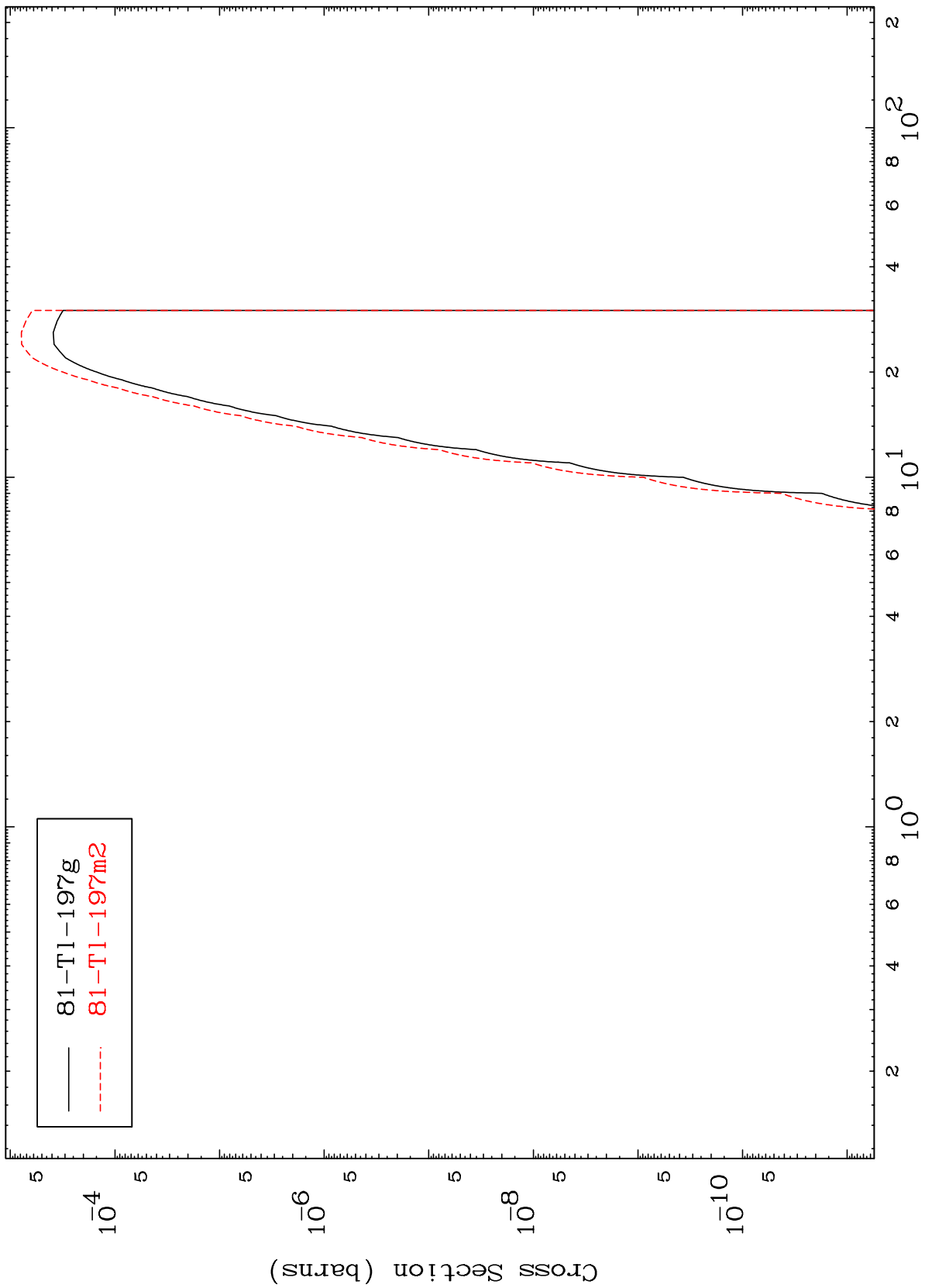


— (n, α)
- - - $(n, 2\alpha)$

MAT 7919

79-Au-195

Inelastic
Radionuclide Production Cross Section



79-Au-195

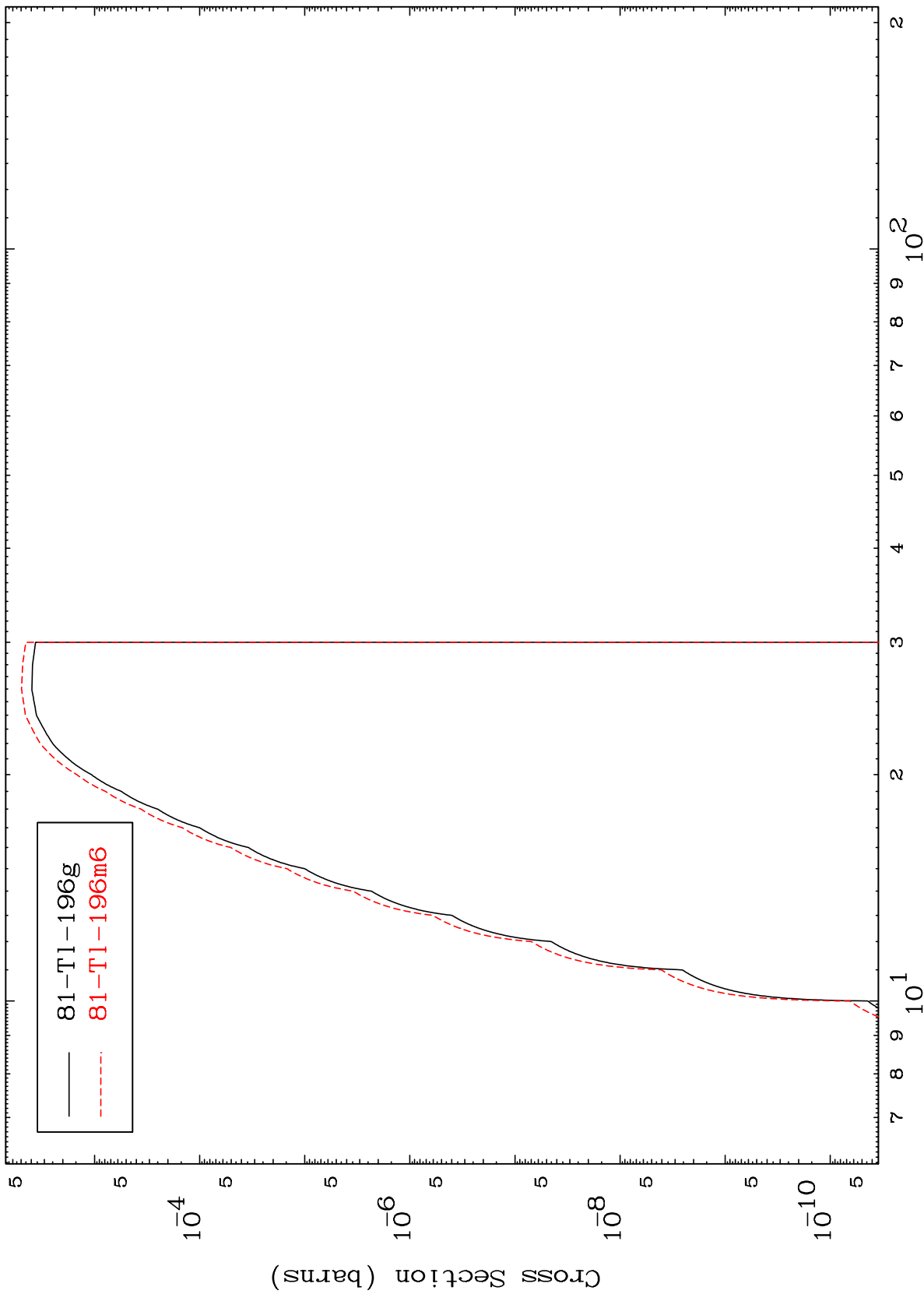
Incident Energy (MeV)

12

MAT 7919

79-Au-195

Radionuclide Production Cross Section (n,2n)



Incident Energy (MeV)

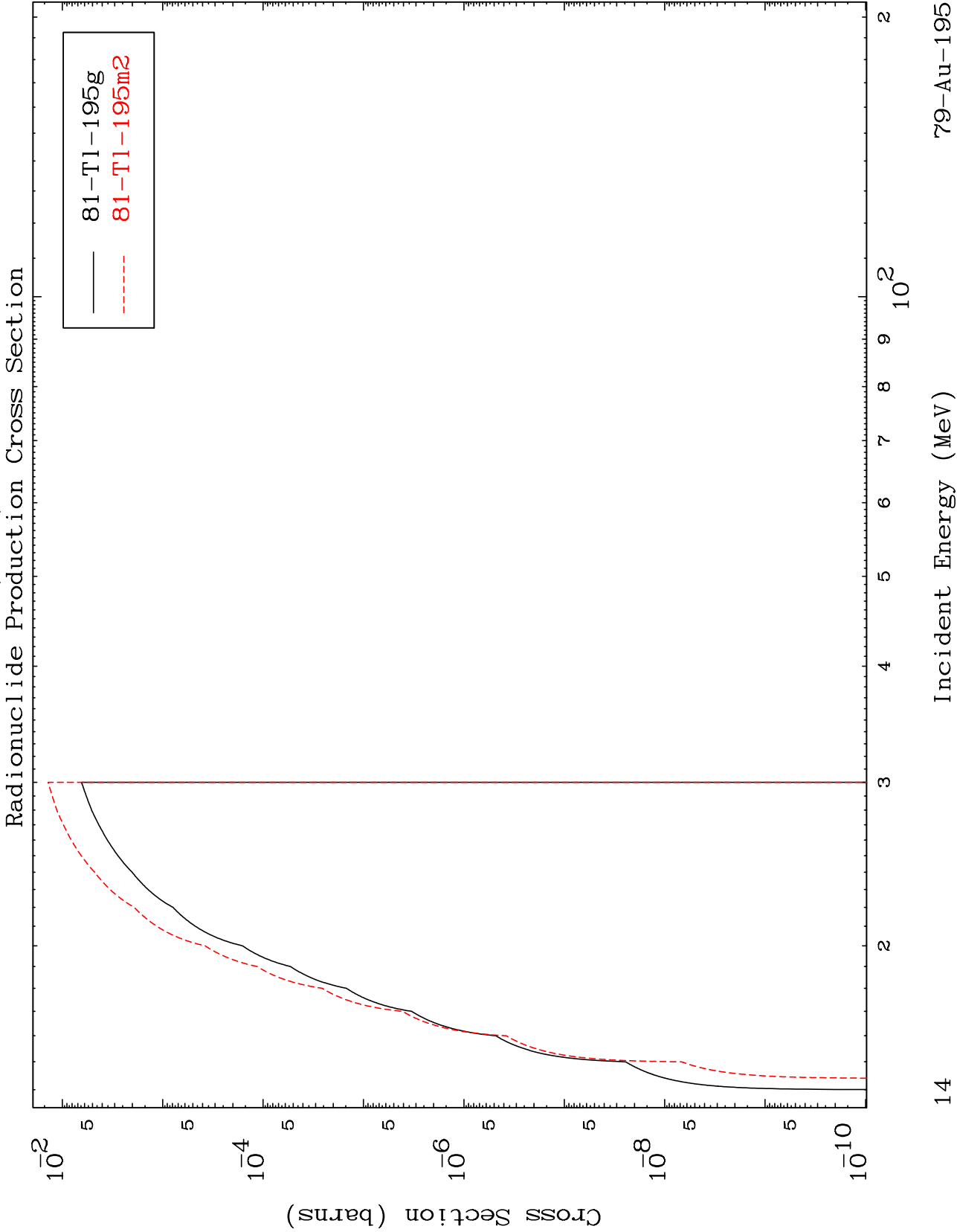
79-Au-195

13

MAT 7919

(n,3n)

79-Au-195



14

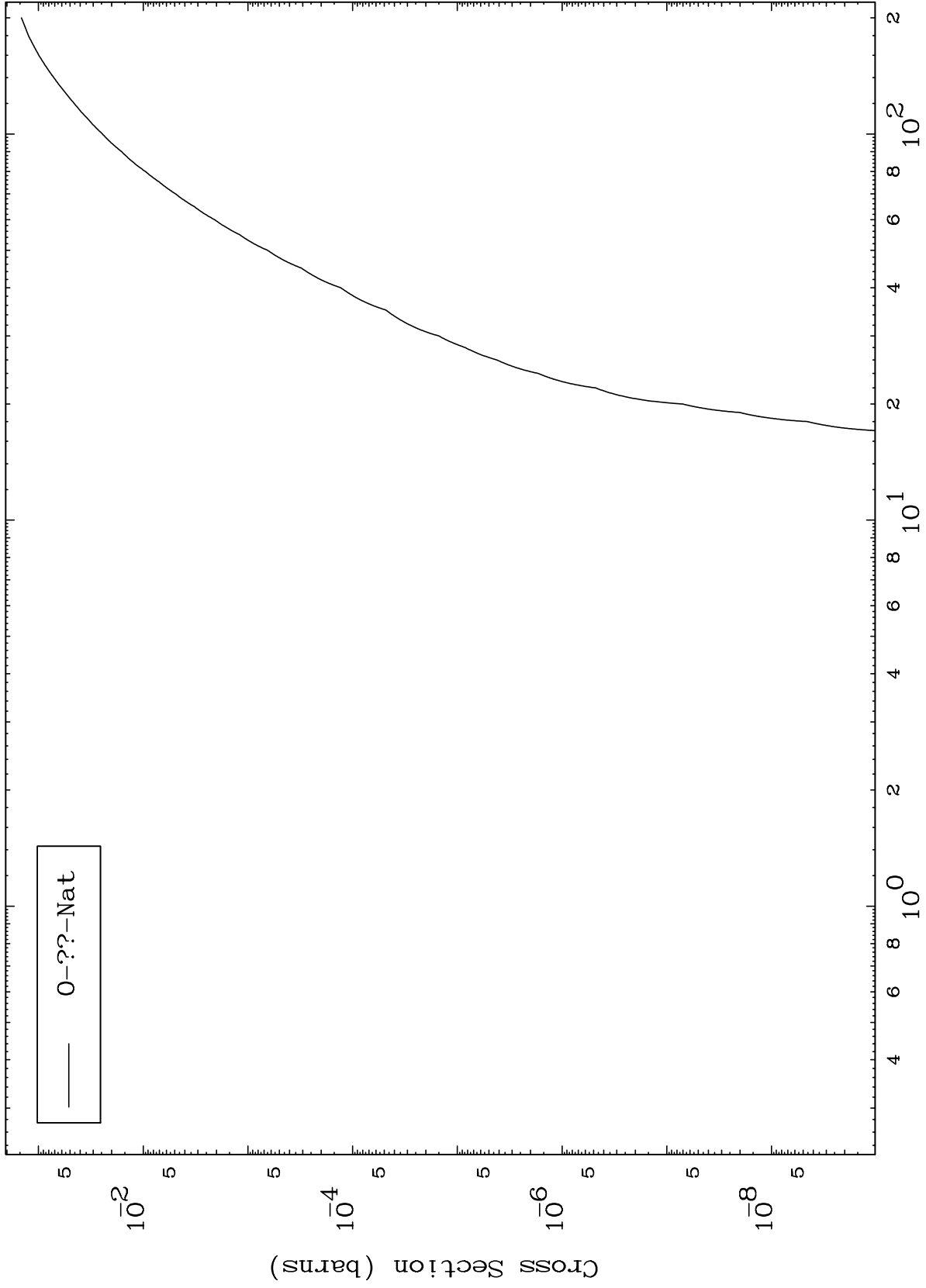
79-Au-195

MAT 7919

Fission

⁷⁹Au-195

Radionuclide Production Cross Section



15

Incident Energy (MeV)

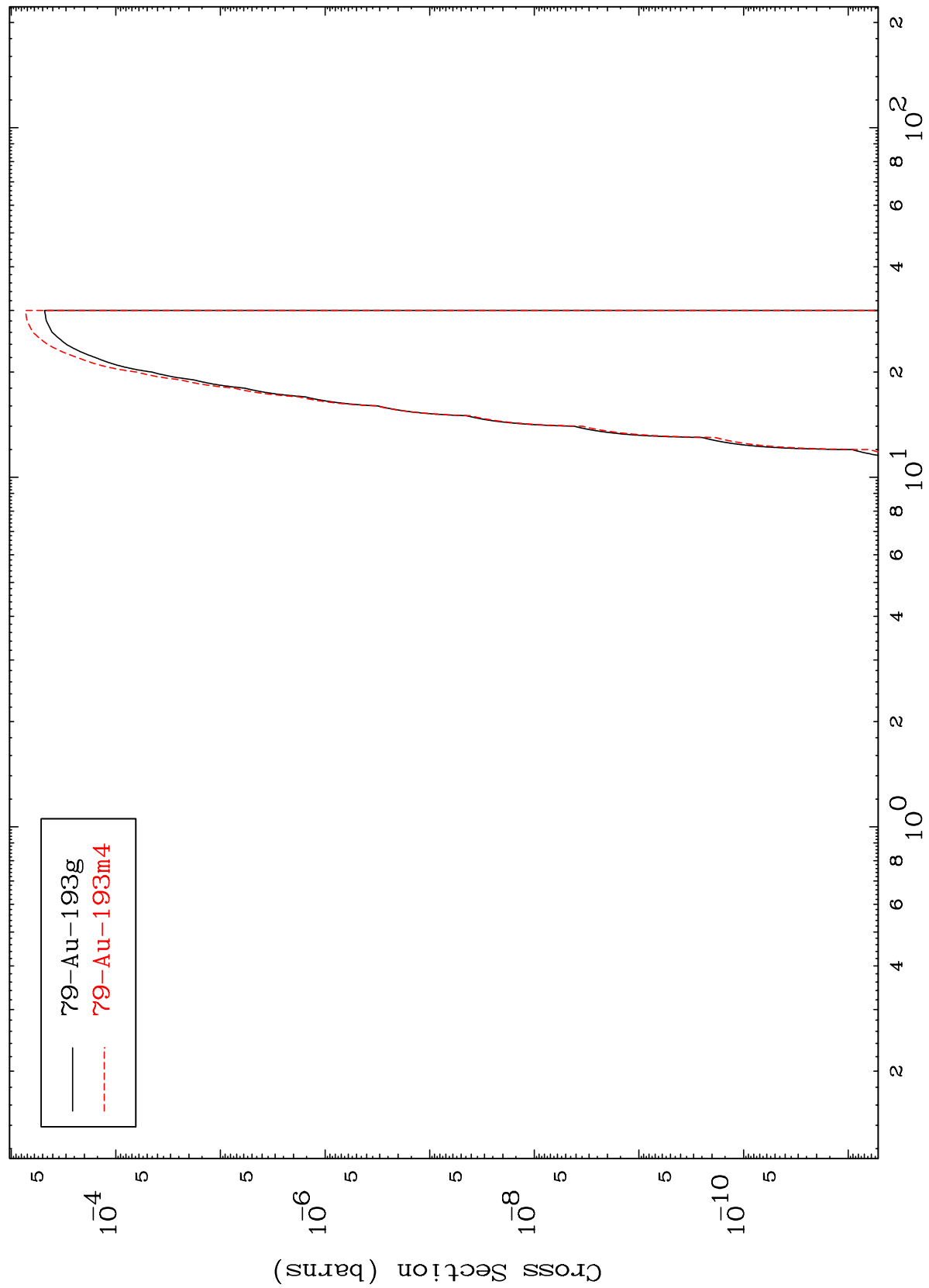
⁷⁹Au-195

MAT 7919

$(n, n') \alpha$

79-Au-195

Radionuclide Production Cross Section

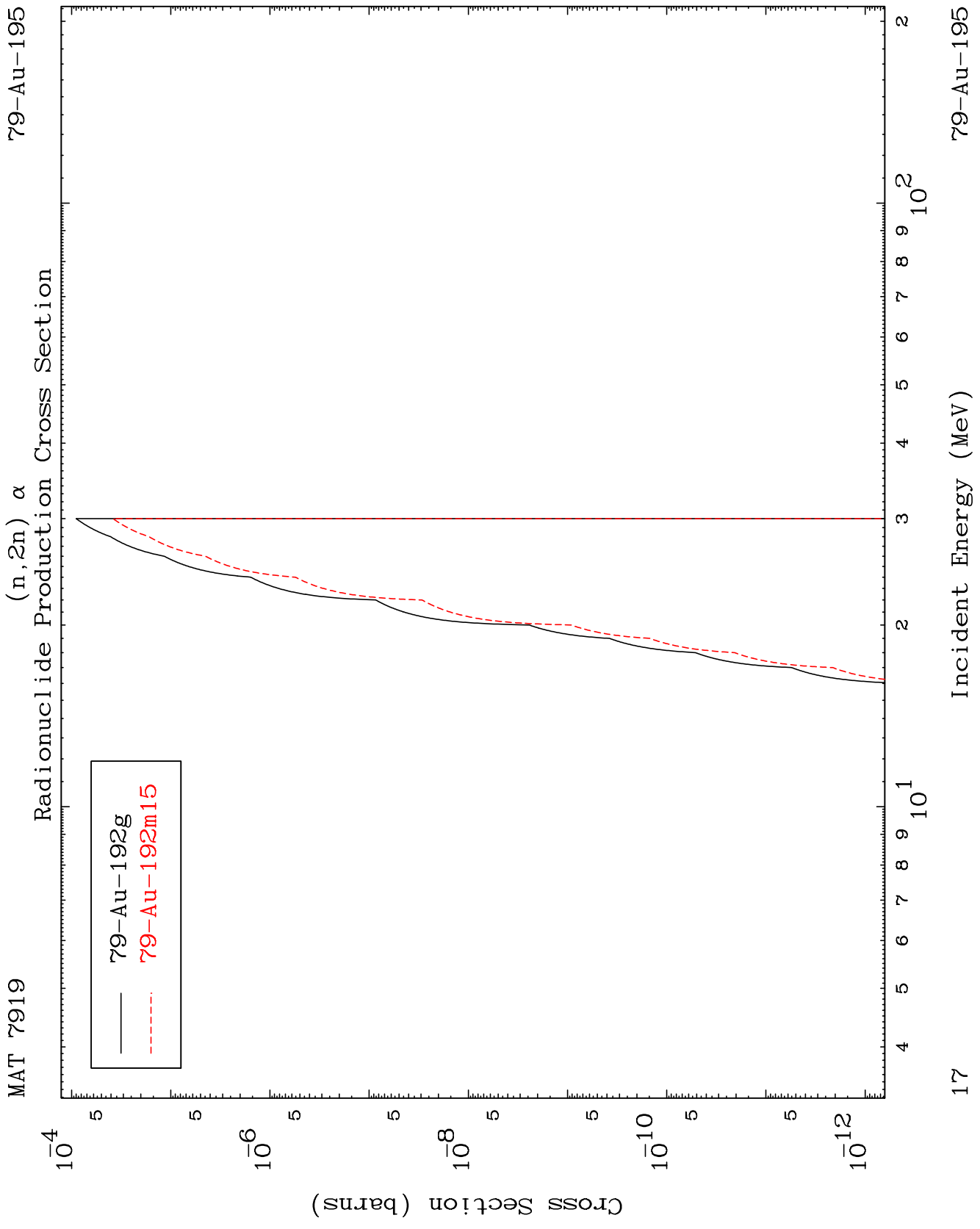


79-Au-193g
79-Au-193m4

16

Incident Energy (MeV)

79-Au-195

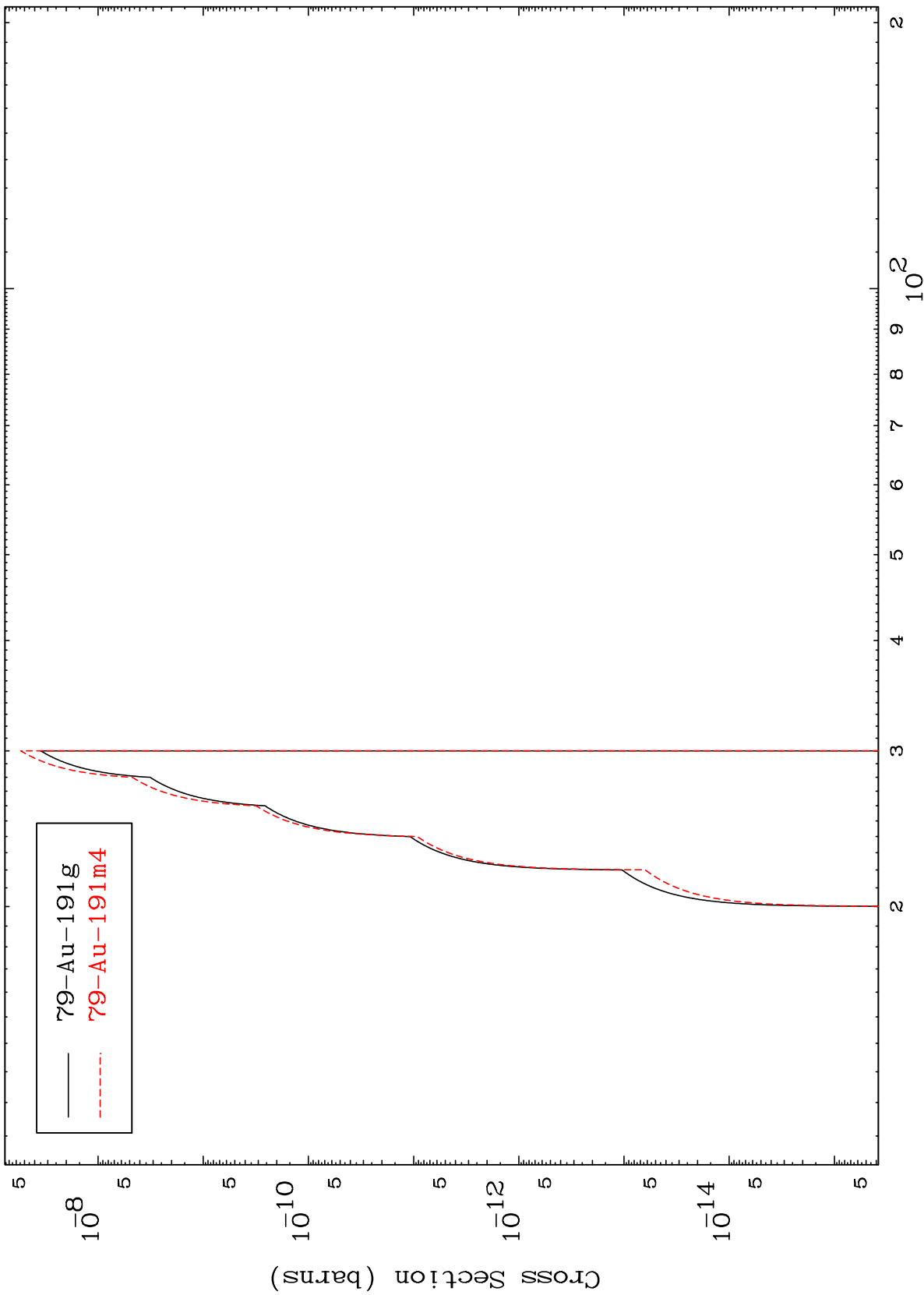


MAT 7919

$(n,3n) \alpha$

$^{79}\text{Au-195}$

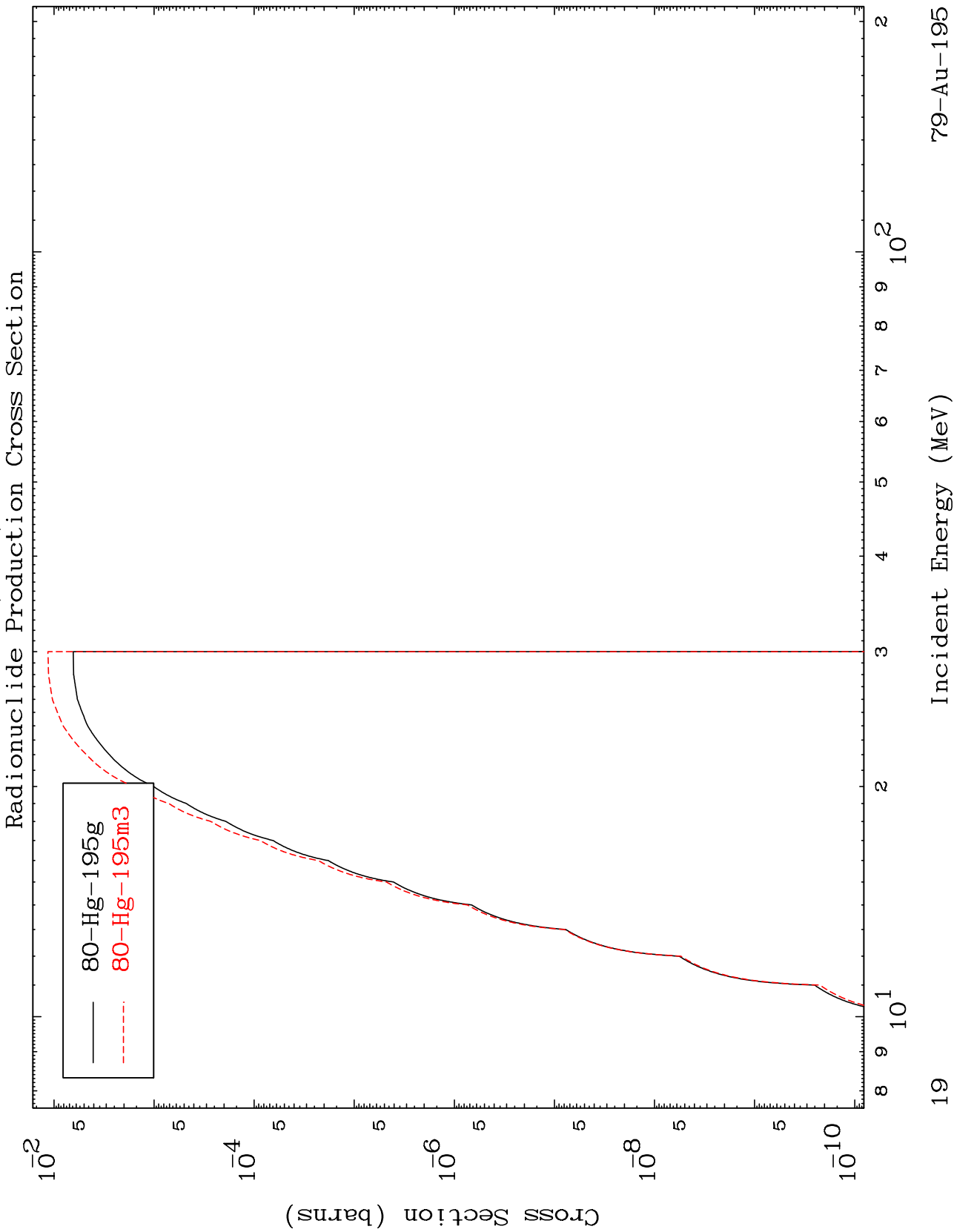
Radionuclide Production Cross Section



MAT 7919

(n,n') d

79-Au-195



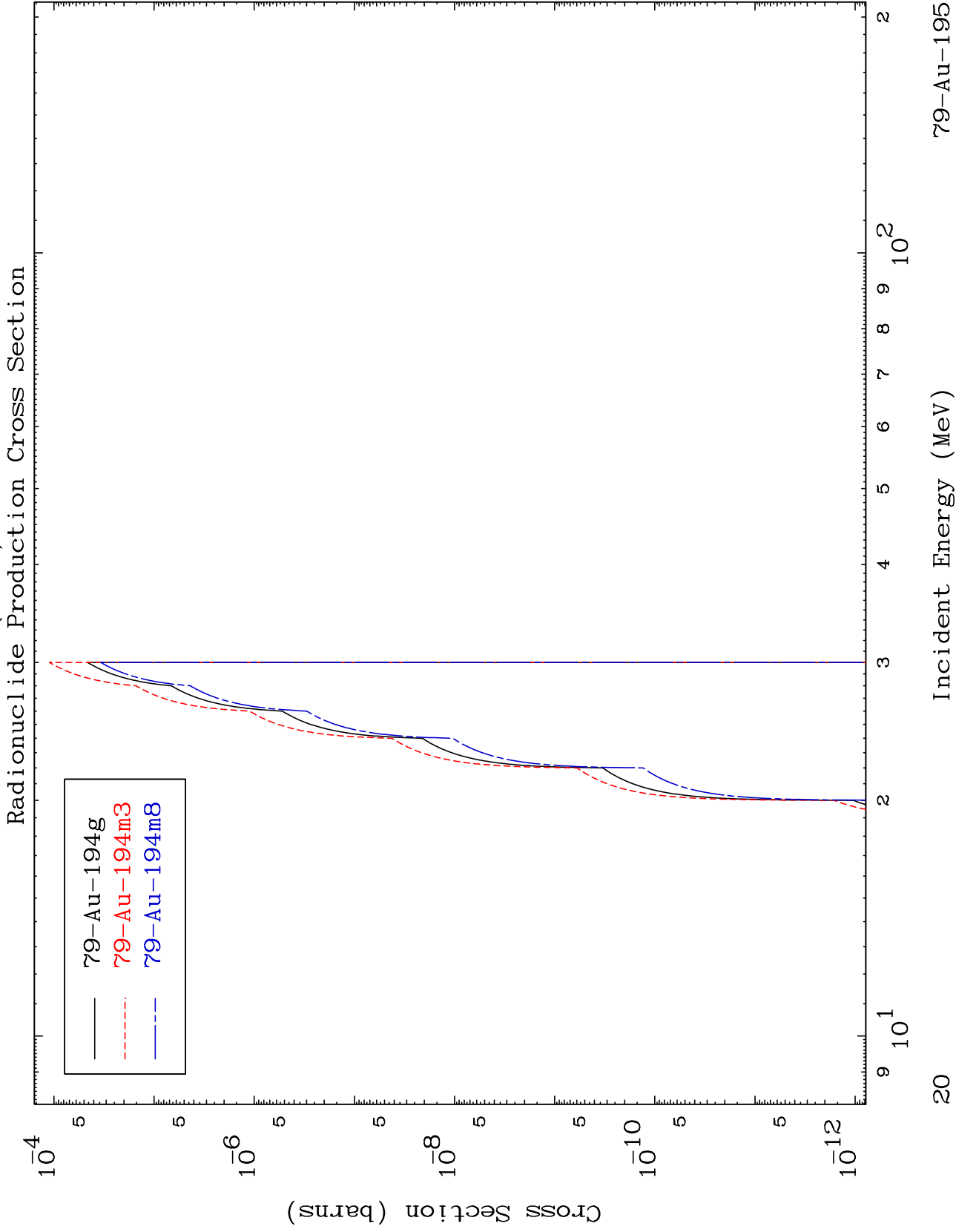
19

79-Au-195

MAT 7919

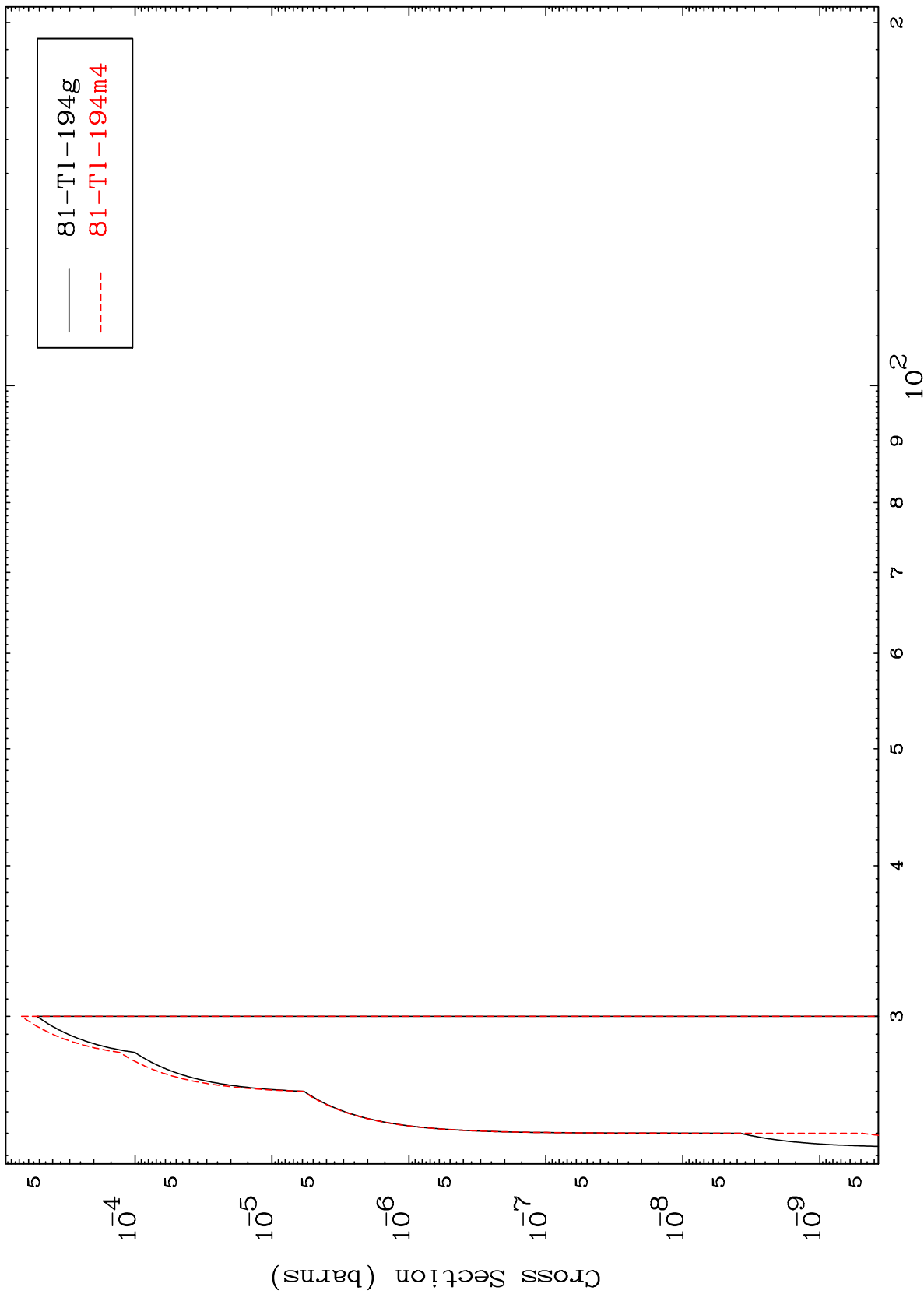
(n,n') He-3

79-Au-195



20

(n,4n)
Radionuclide Production Cross Section

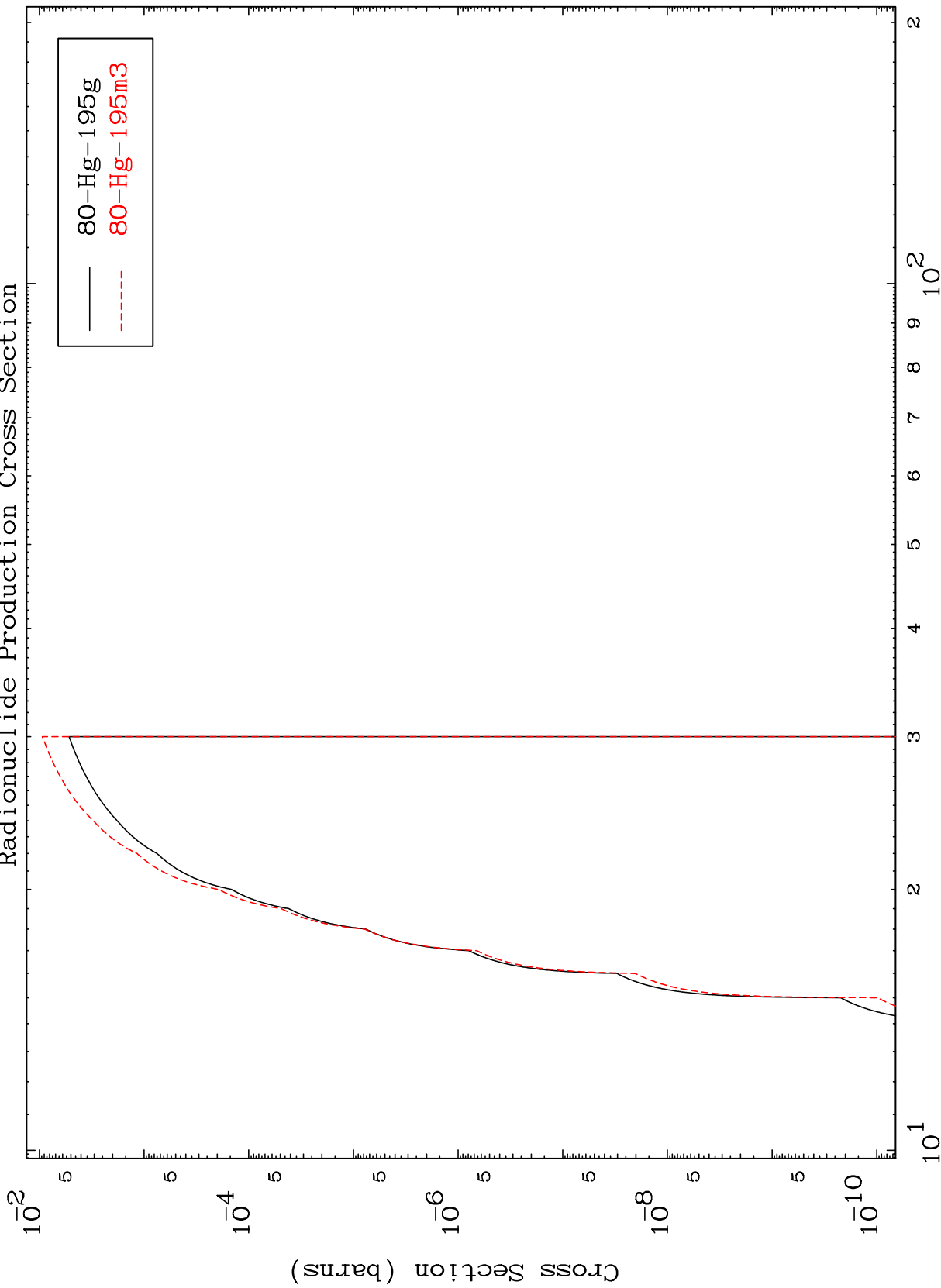


MAT 7919

(n,2n) p

79-Au-195

Radionuclide Production Cross Section



Incident Energy (MeV)

79-Au-195

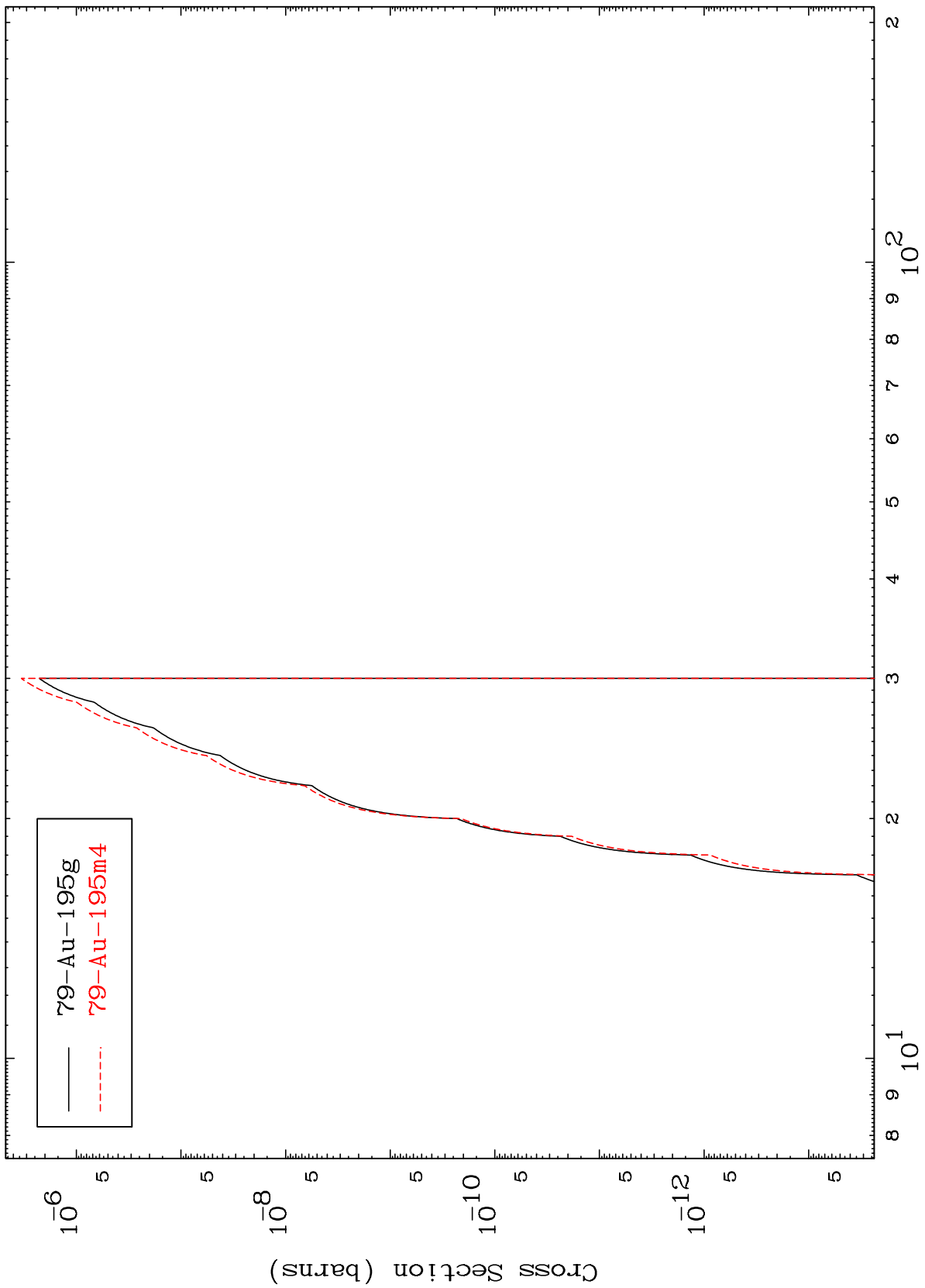
22

MAT 7919

(n,2n) p

79-Au-195

Radionuclide Production Cross Section



23

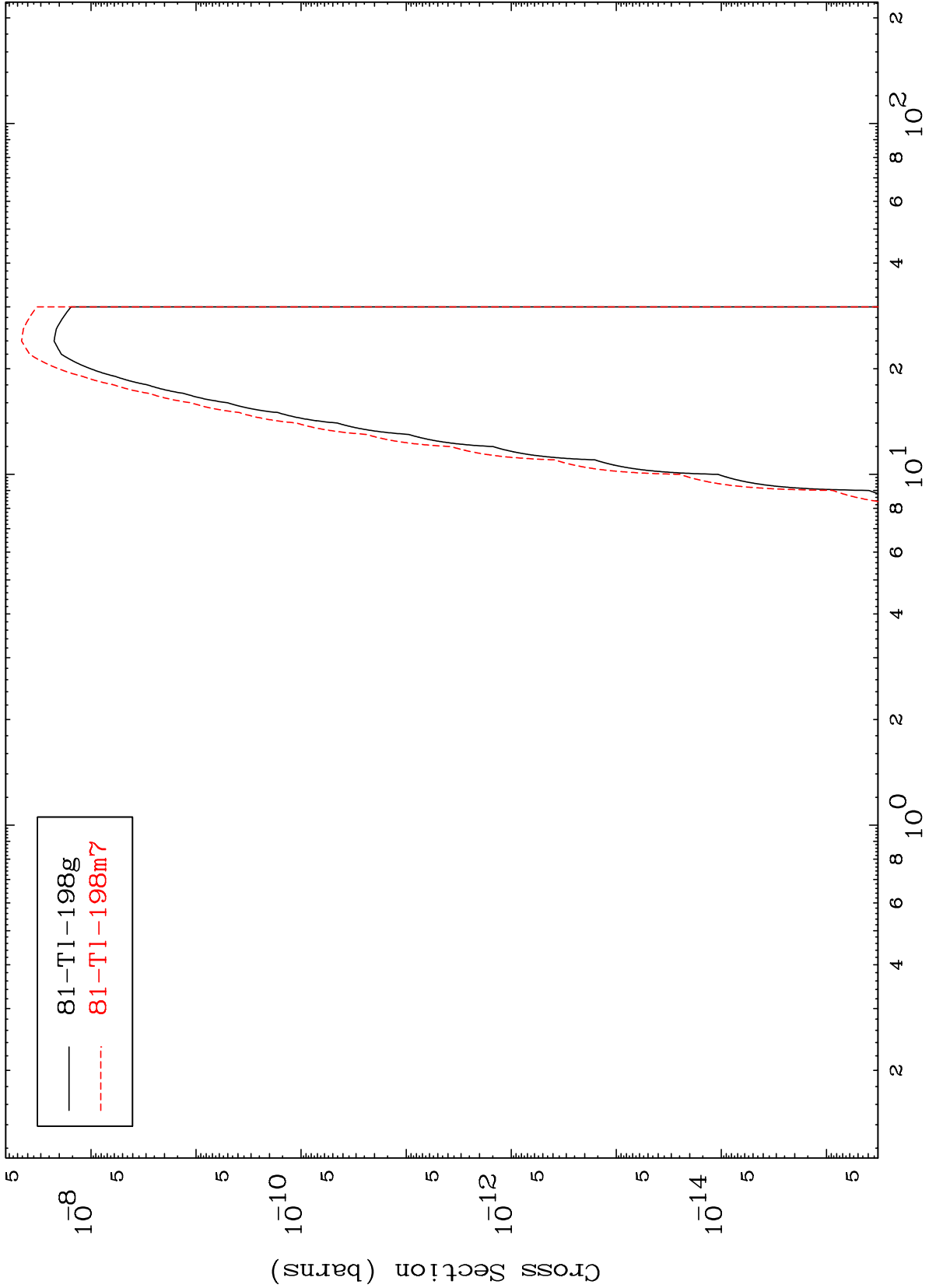
Incident Energy (MeV)

79-Au-195

MAT 7919

79-Au-195

(n, γ)
Radionuclide Production Cross Section



79-Au-195

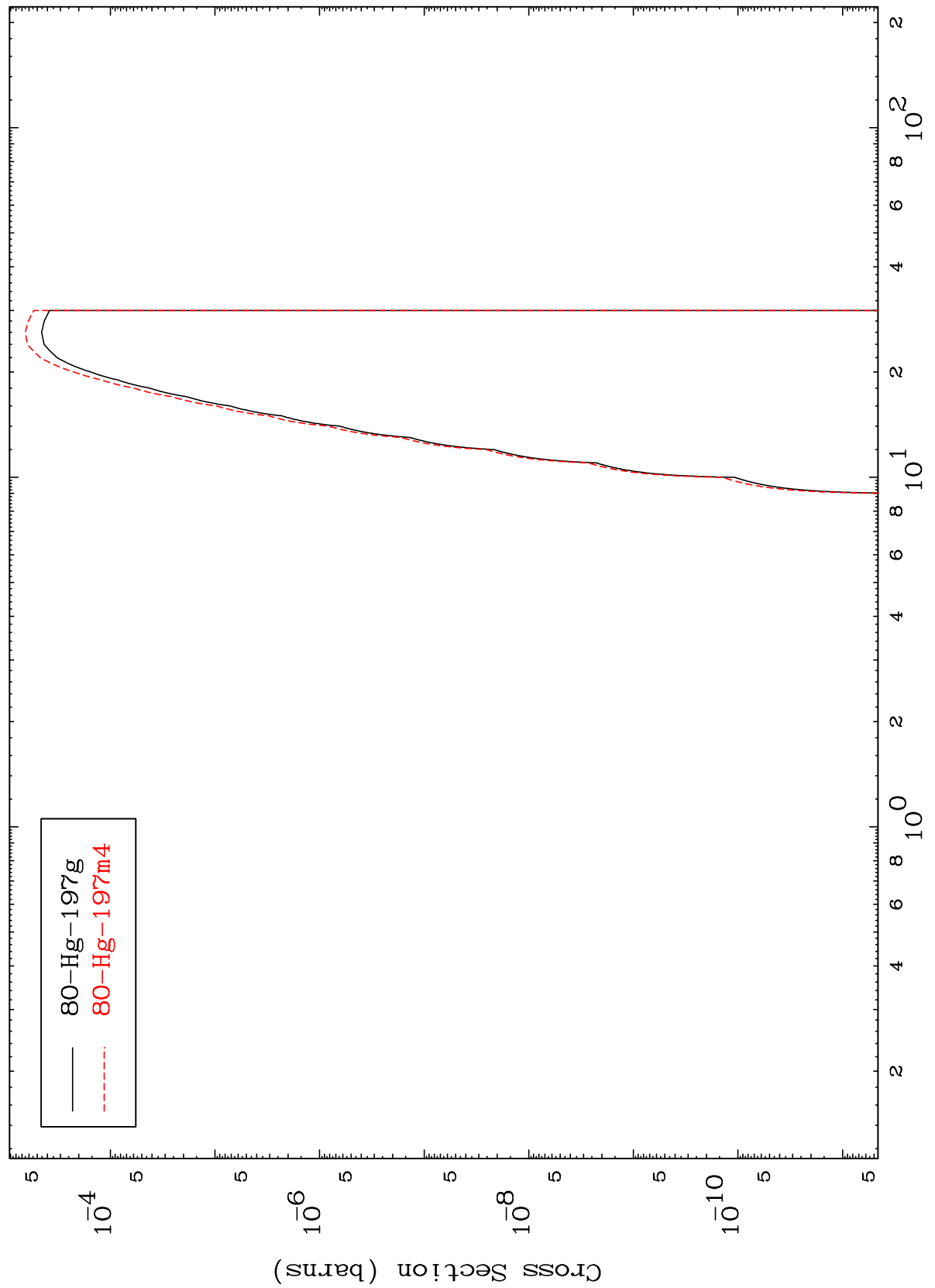
Incident Energy (MeV)

24

MAT 7919

79-Au-195

(n,p)
Radionuclide Production Cross Section



25

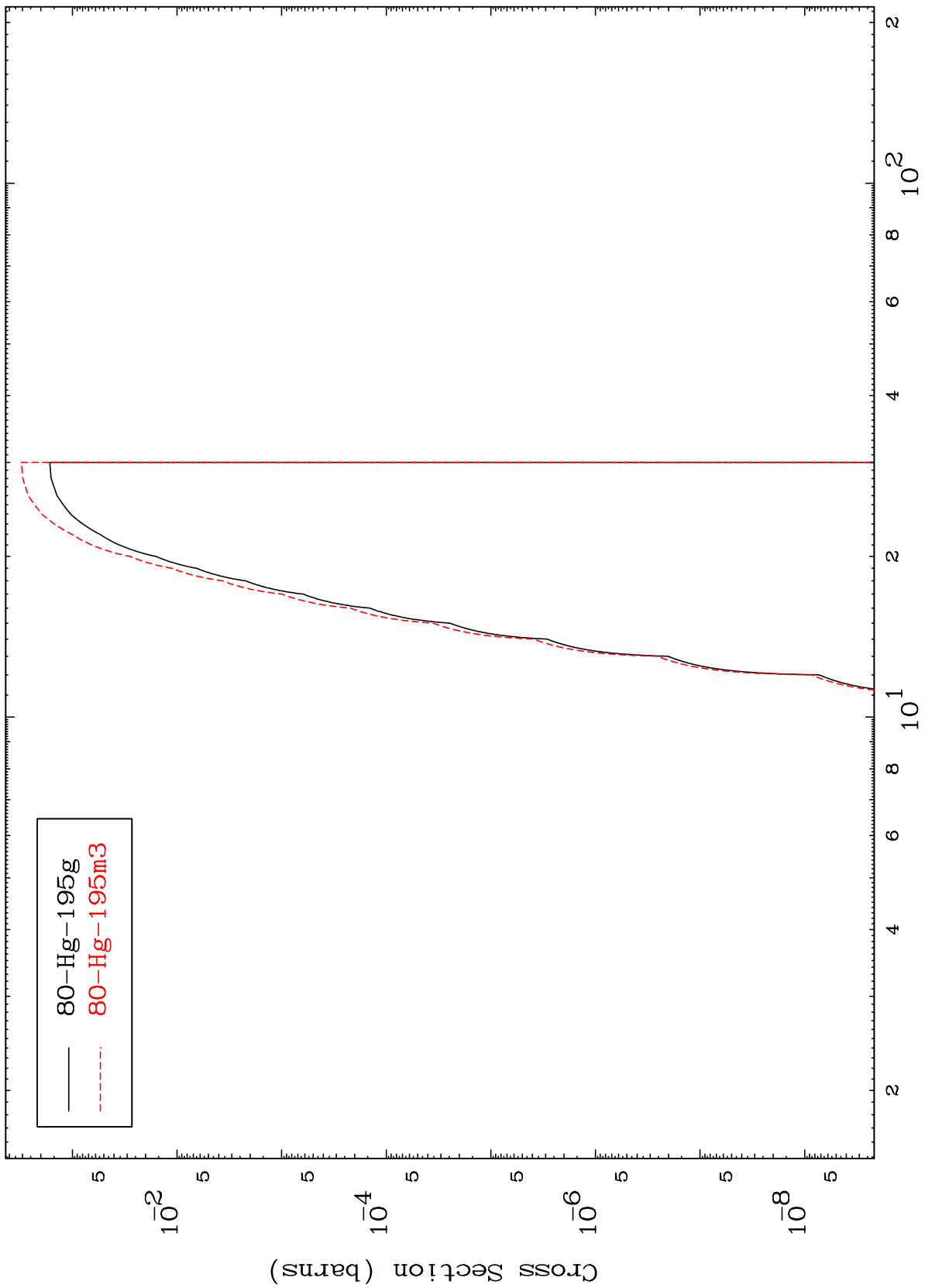
79-Au-195

Incident Energy (MeV)

MAT 7919

79-Au-195

(n, t)
Radionuclide Production Cross Section



26

79-Au-195

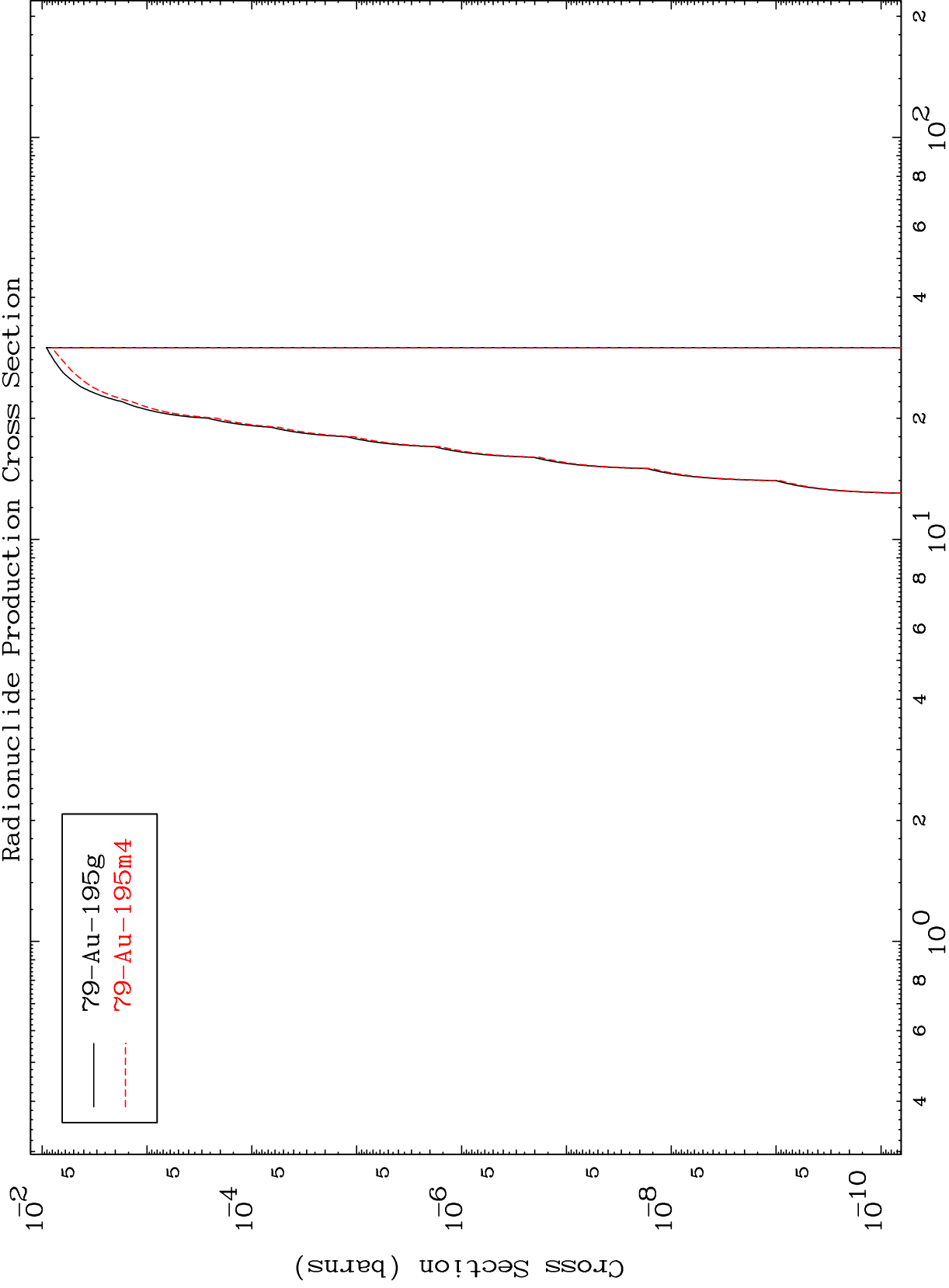
Incident Energy (MeV)

MAT 7919

(n,He-3)

79-Au-195

Radionuclide Production Cross Section



27

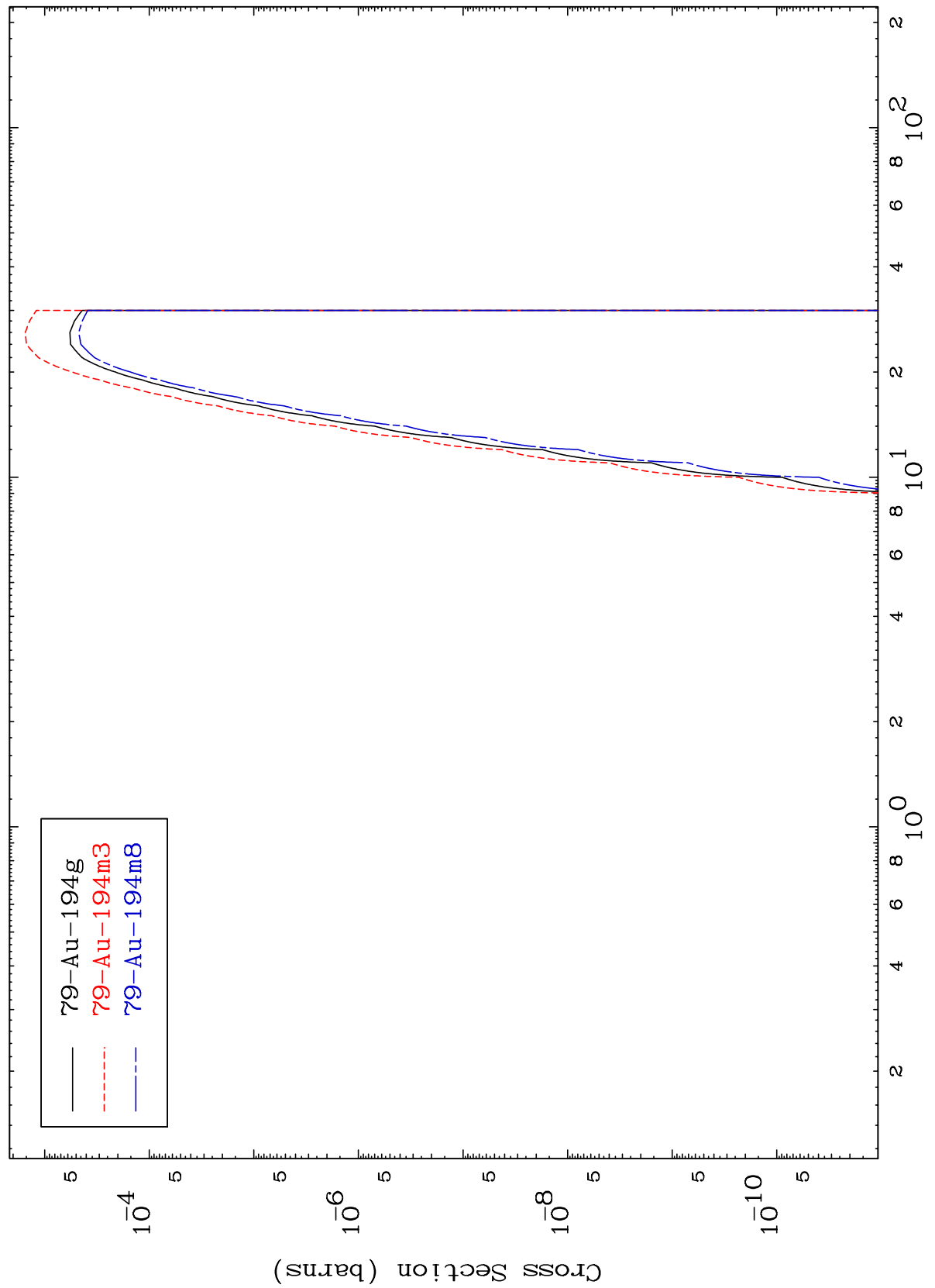
Incident Energy (MeV)

79-Au-195

MAT 7919

79-Au-195

Radionuclide Production Cross Section
(n, α)



28

79-Au-195

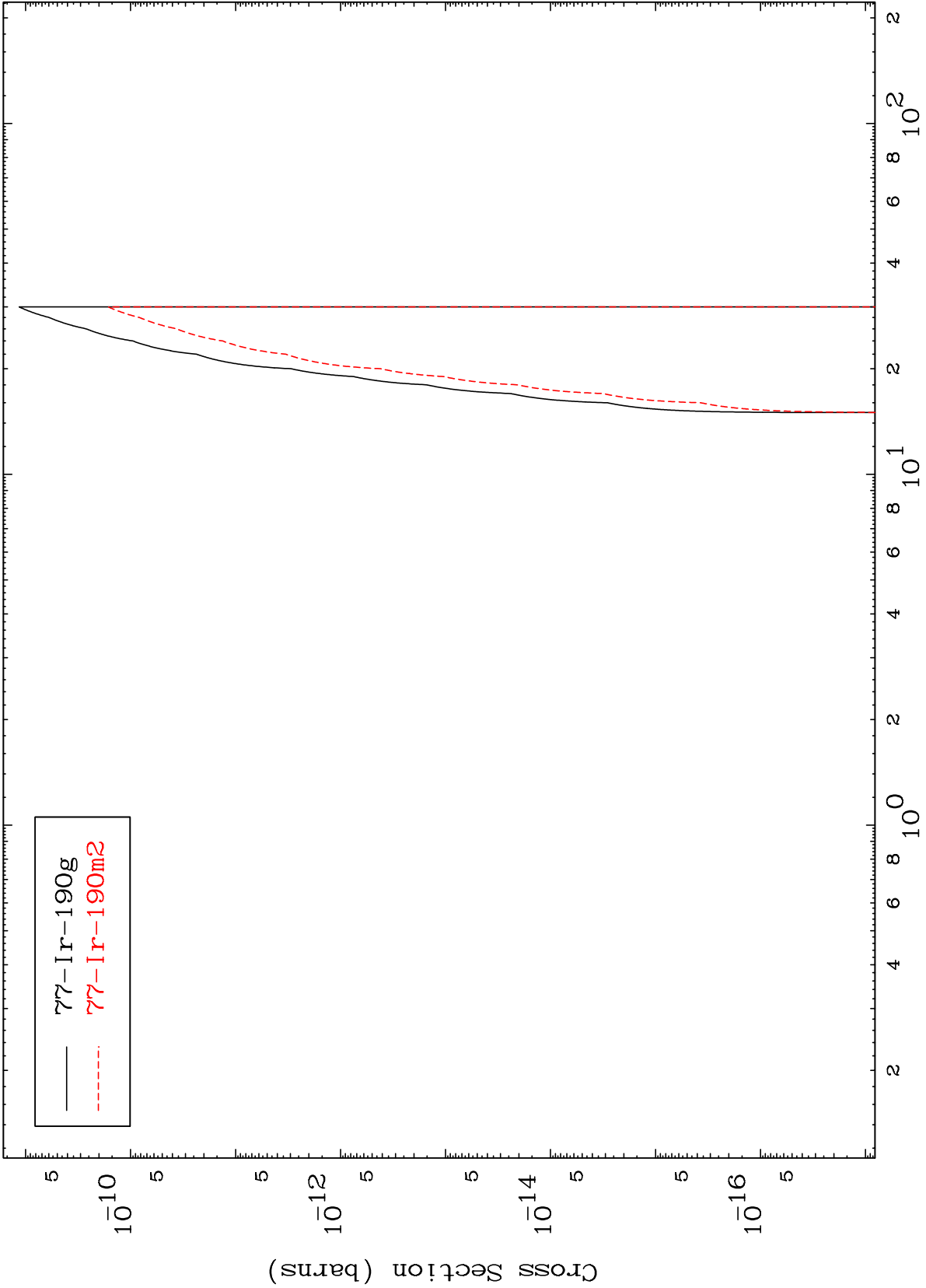
Incident Energy (MeV)

MAT 7919

(n,2α)

79-Au-195

Radionuclide Production Cross Section

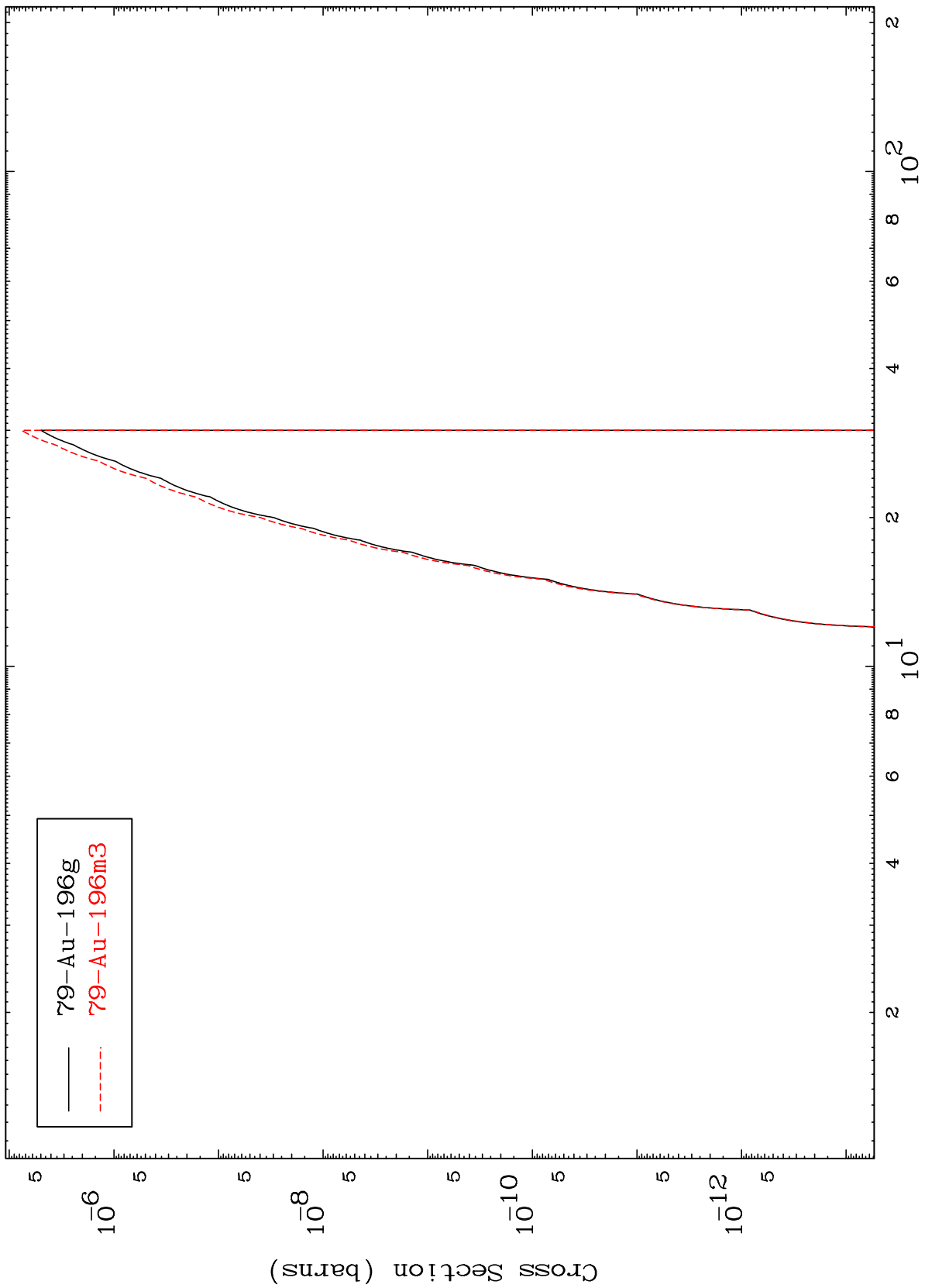


— ⁷⁷Ir-190g
- - - ⁷⁷Ir-190m2

MAT 7919

79-Au-195

(n,2p)
Radionuclide Production Cross Section



30

79-Au-195

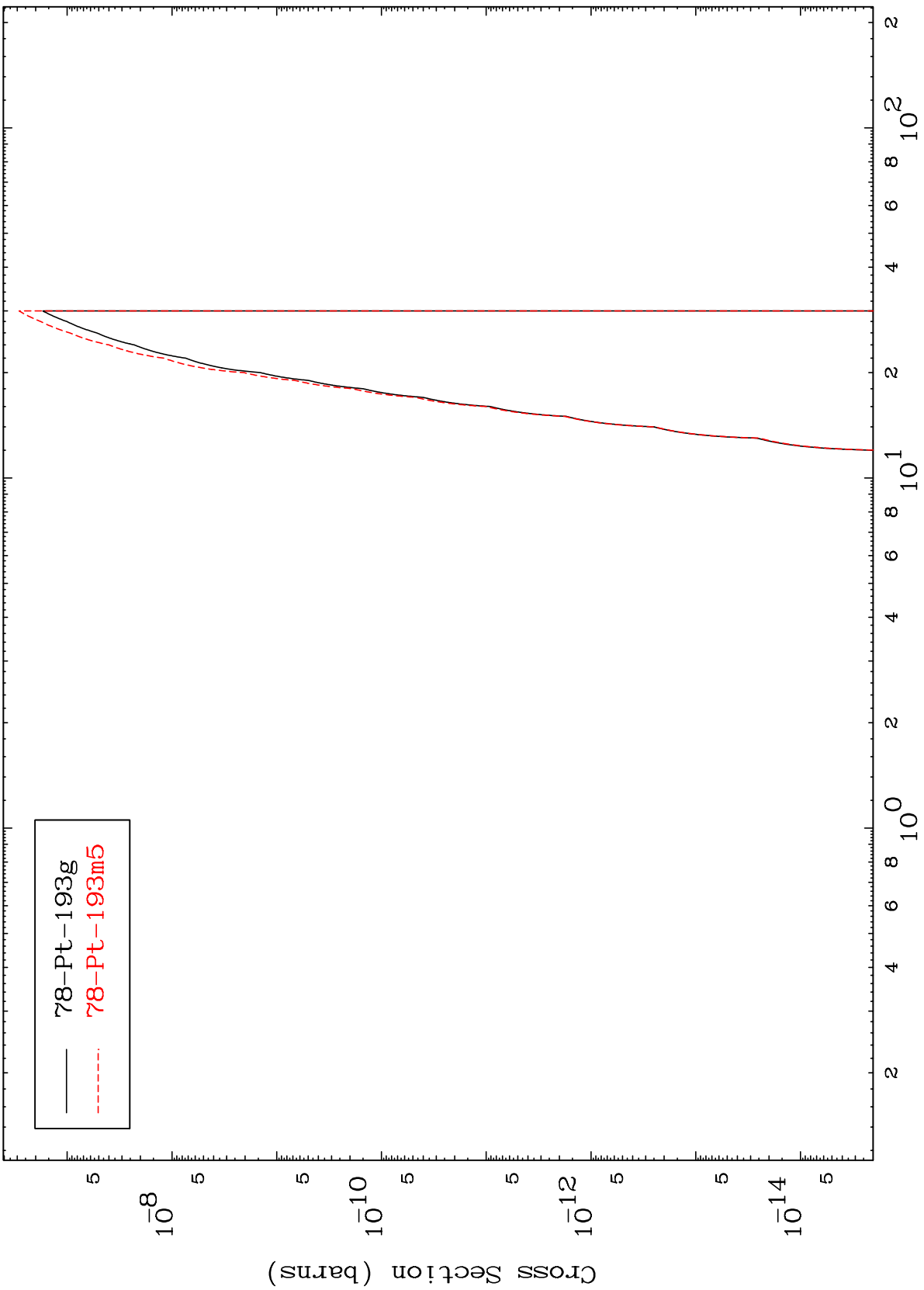
Incident Energy (MeV)

MAT 7919

(n,p) α

79-Au-195

Radionuclide Production Cross Section

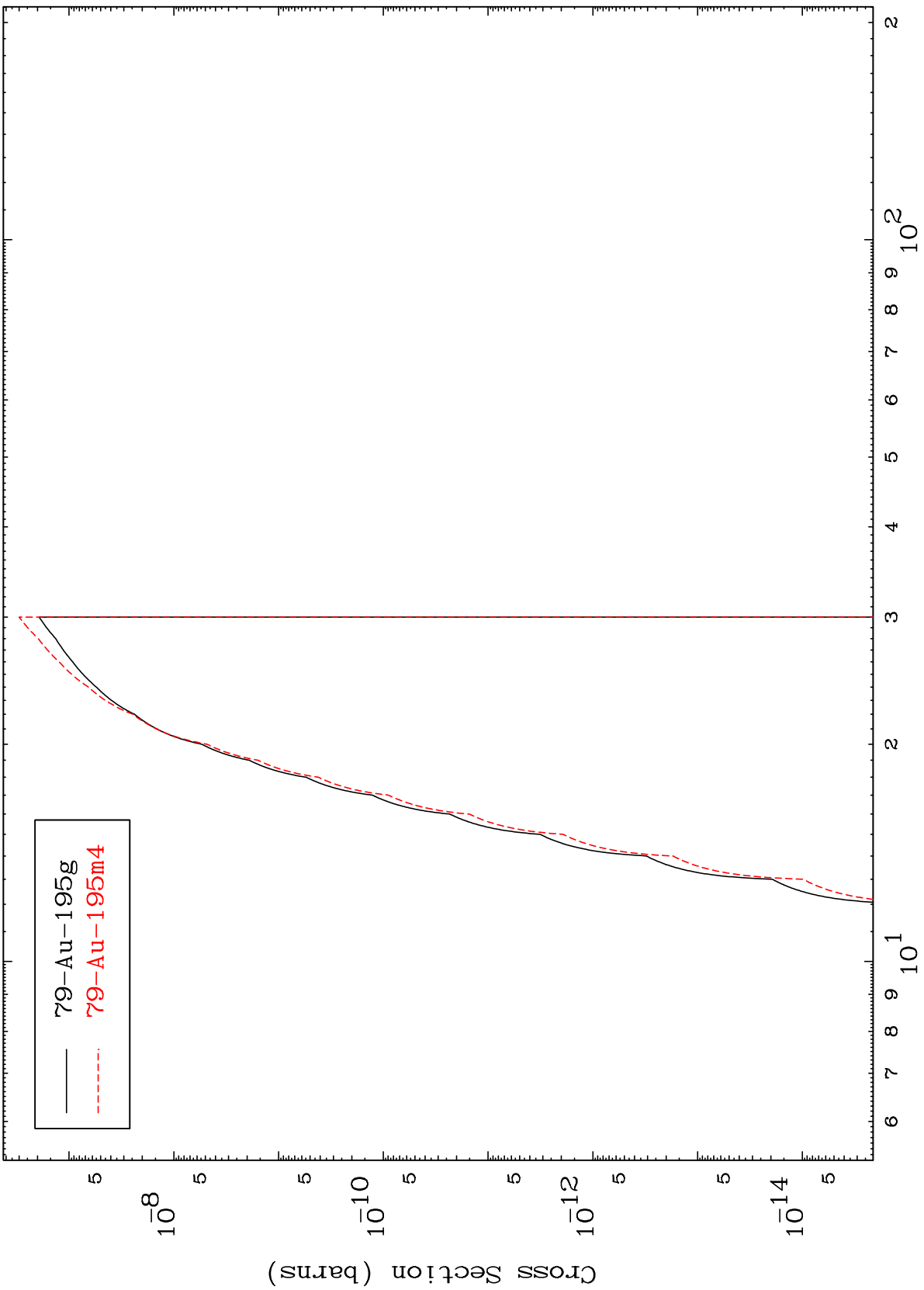


MAT 7919

(n,p) d

79-Au-195

Radionuclide Production Cross Section



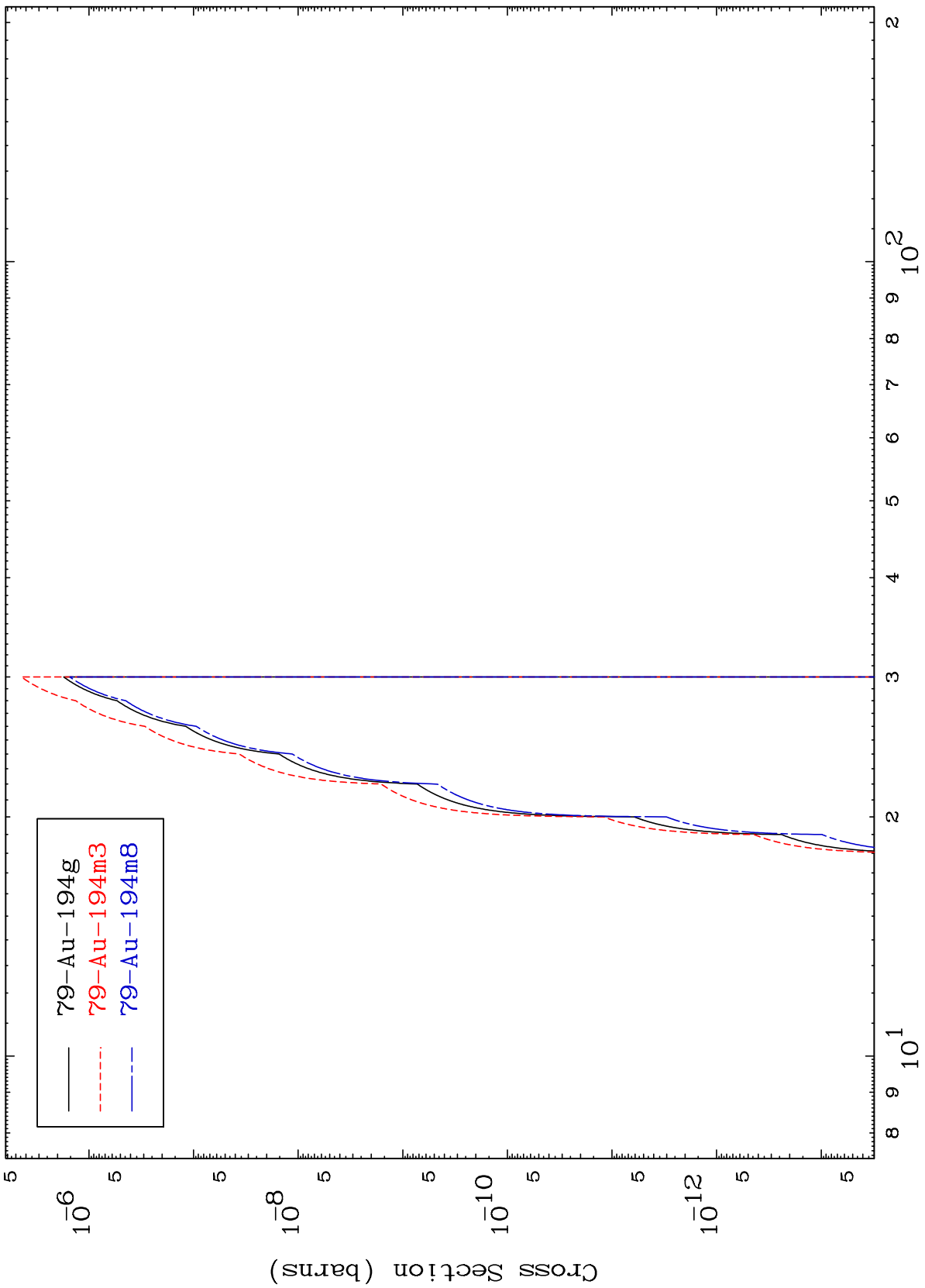
79-Au-195g
79-Au-195m4

MAT 7919

(n,p) t

79-Au-195

Radionuclide Production Cross Section



Incident Energy (MeV)

79-Au-195