

Program EVALPLOT
(Version 2021-1)

by

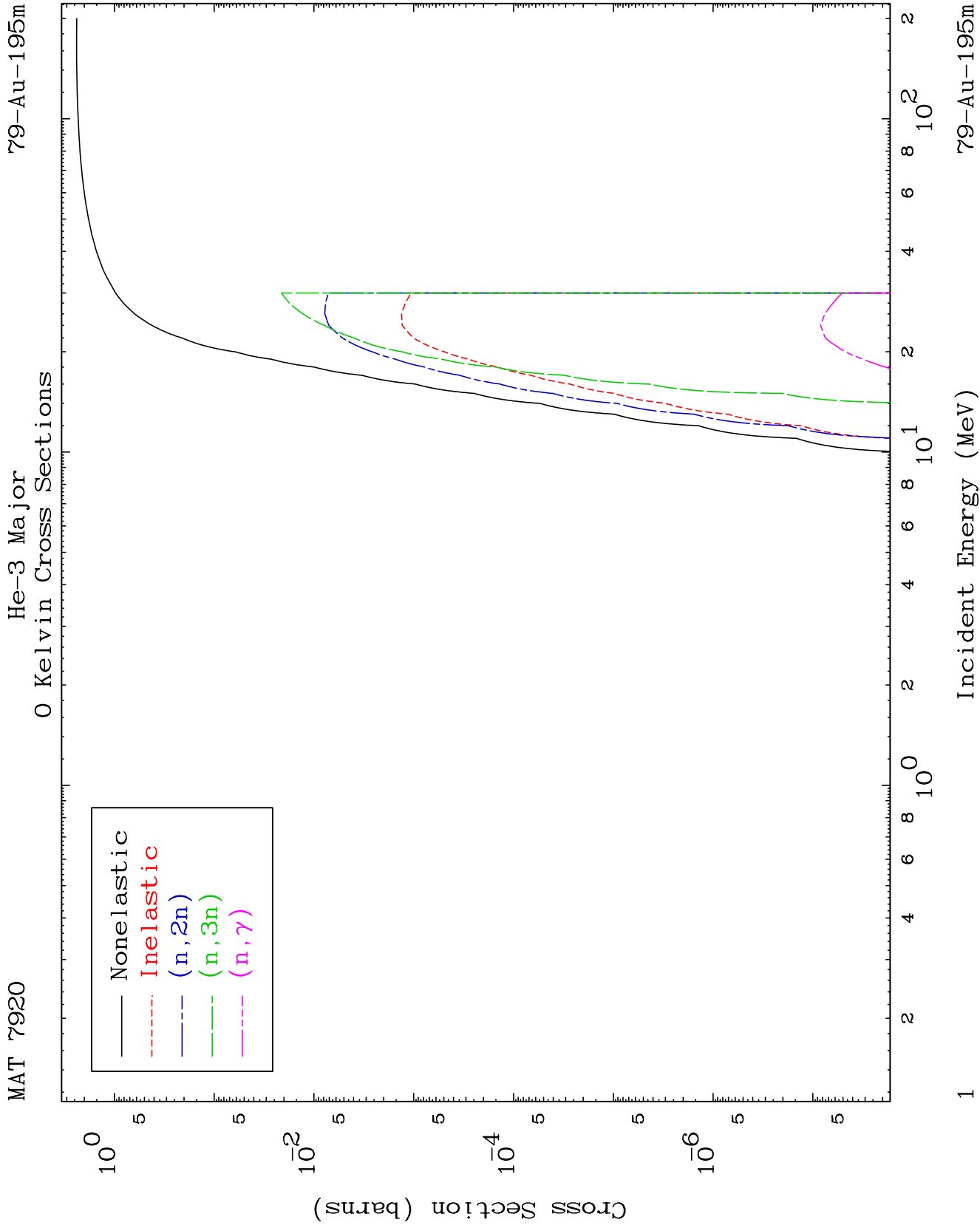
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

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

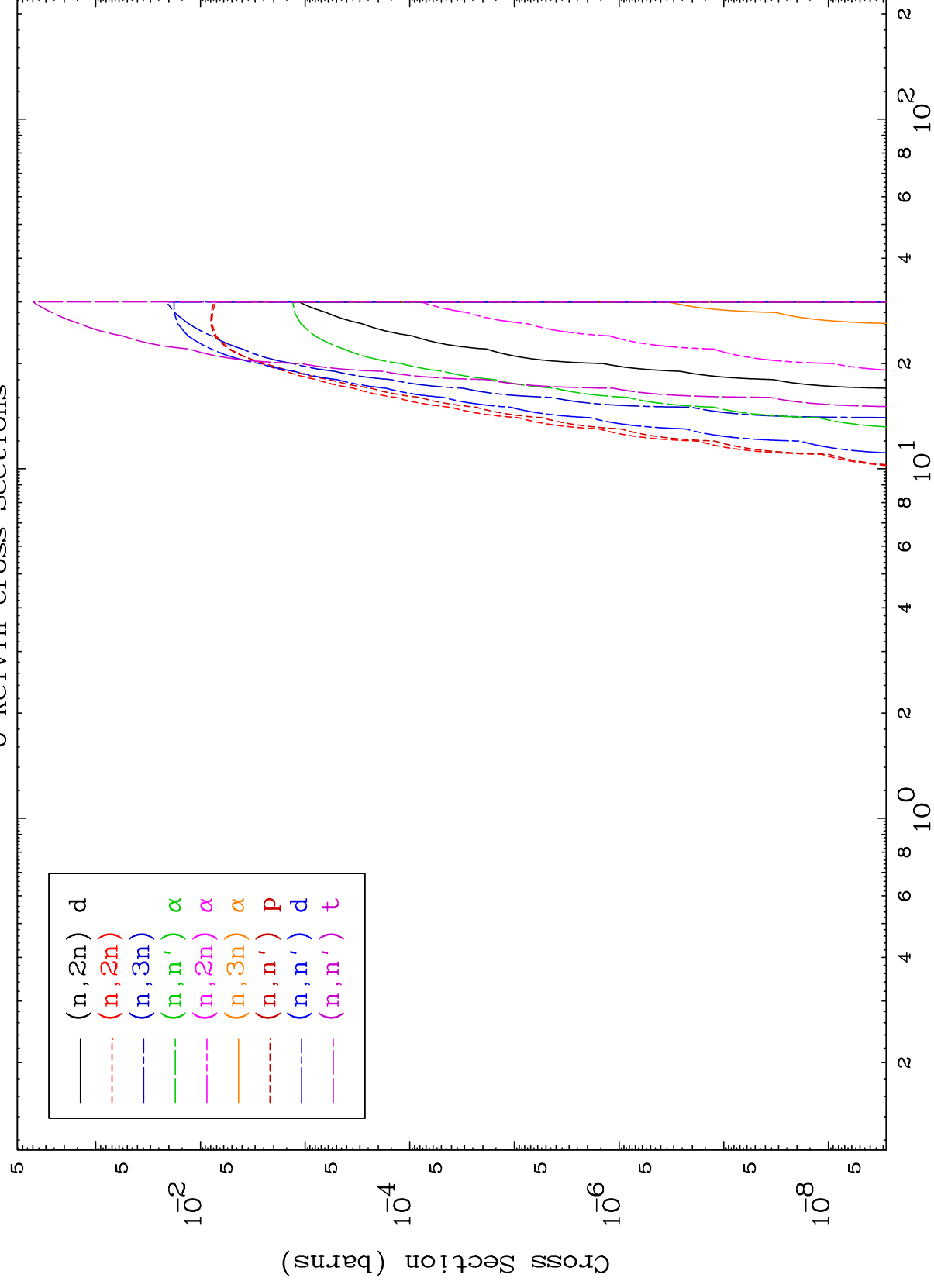
Press Mouse Button to Start



MAT 7920

He-3 Neutron Absorption 0 Kelvin Cross Sections

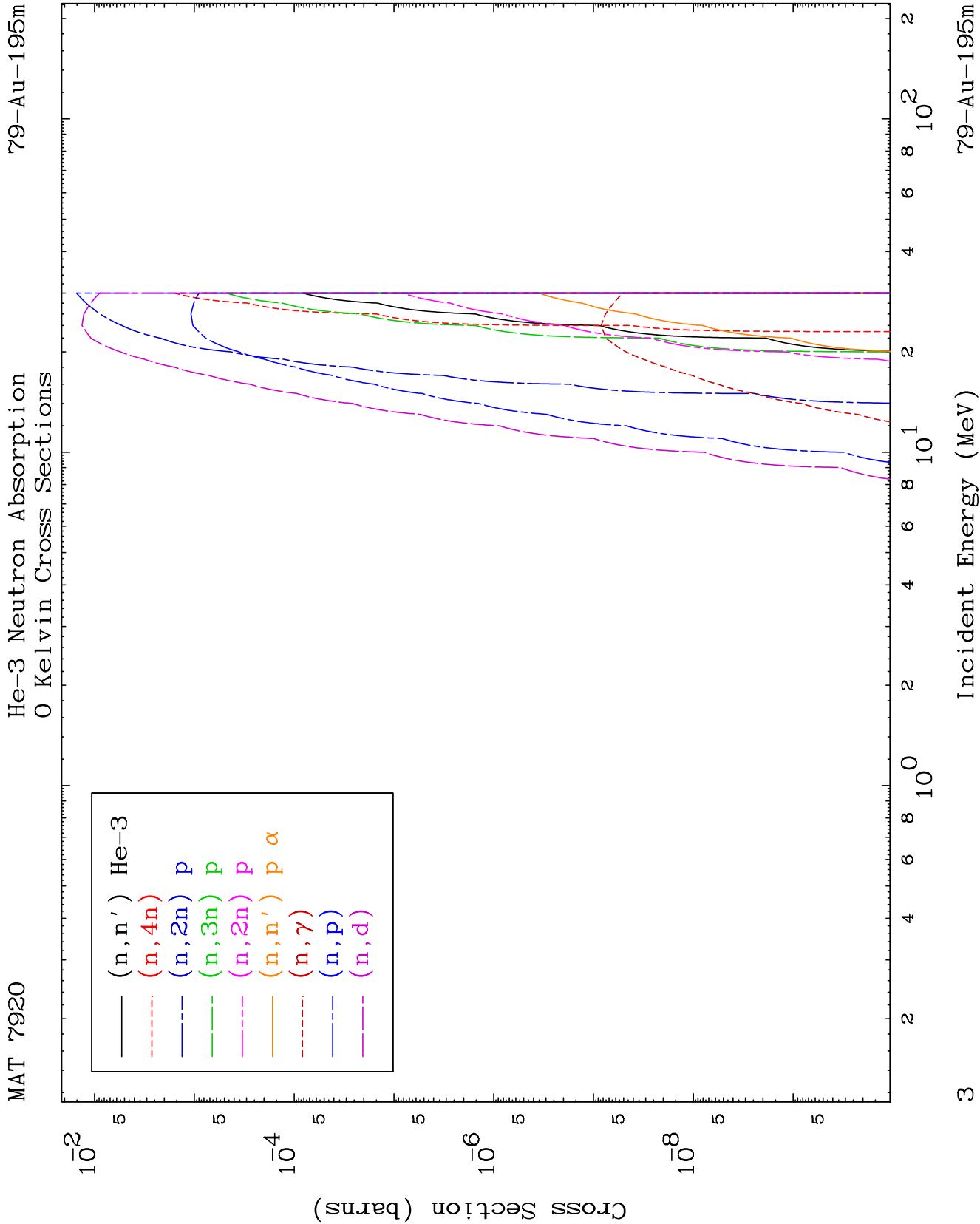
79-Au-195m

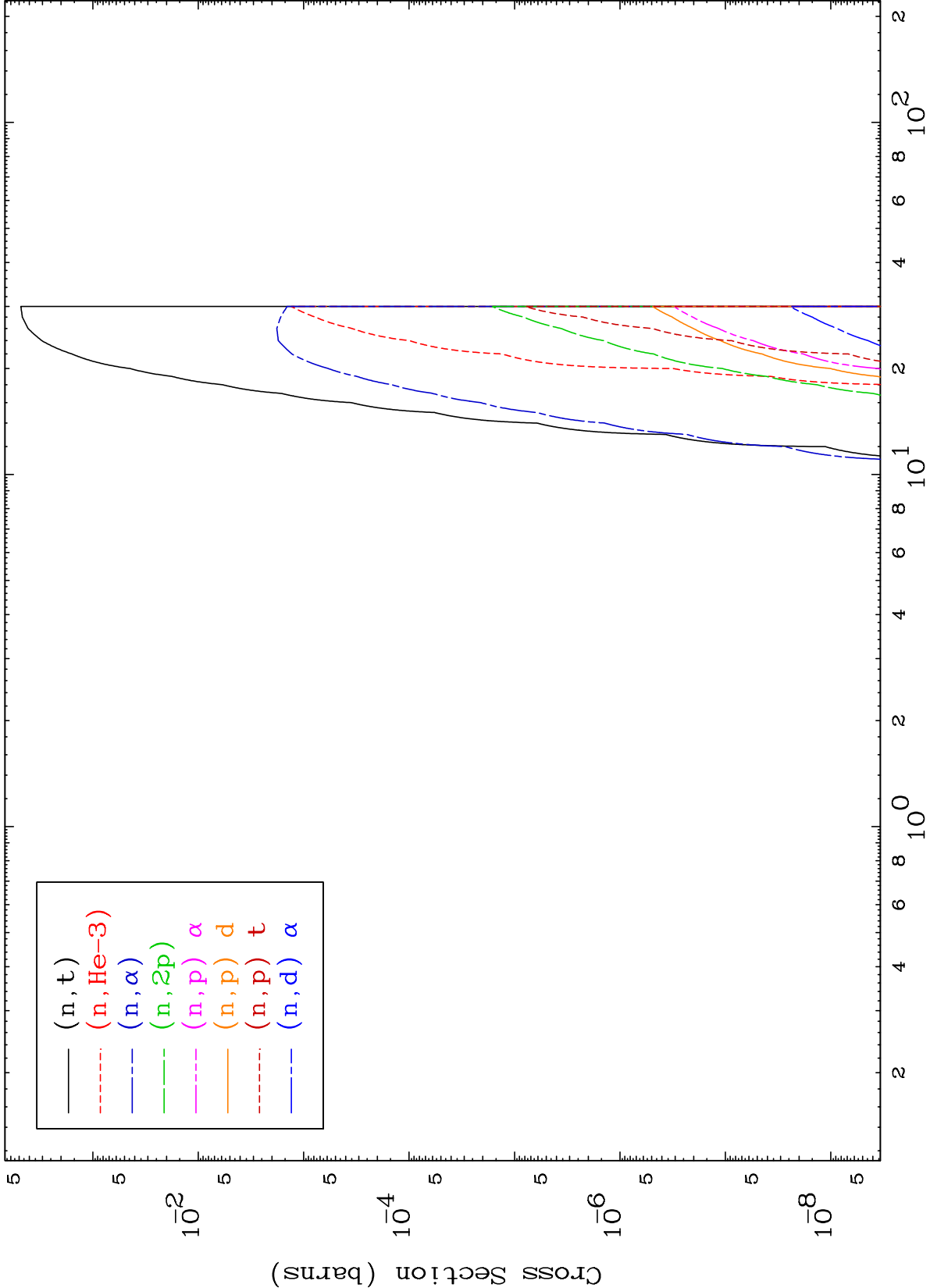


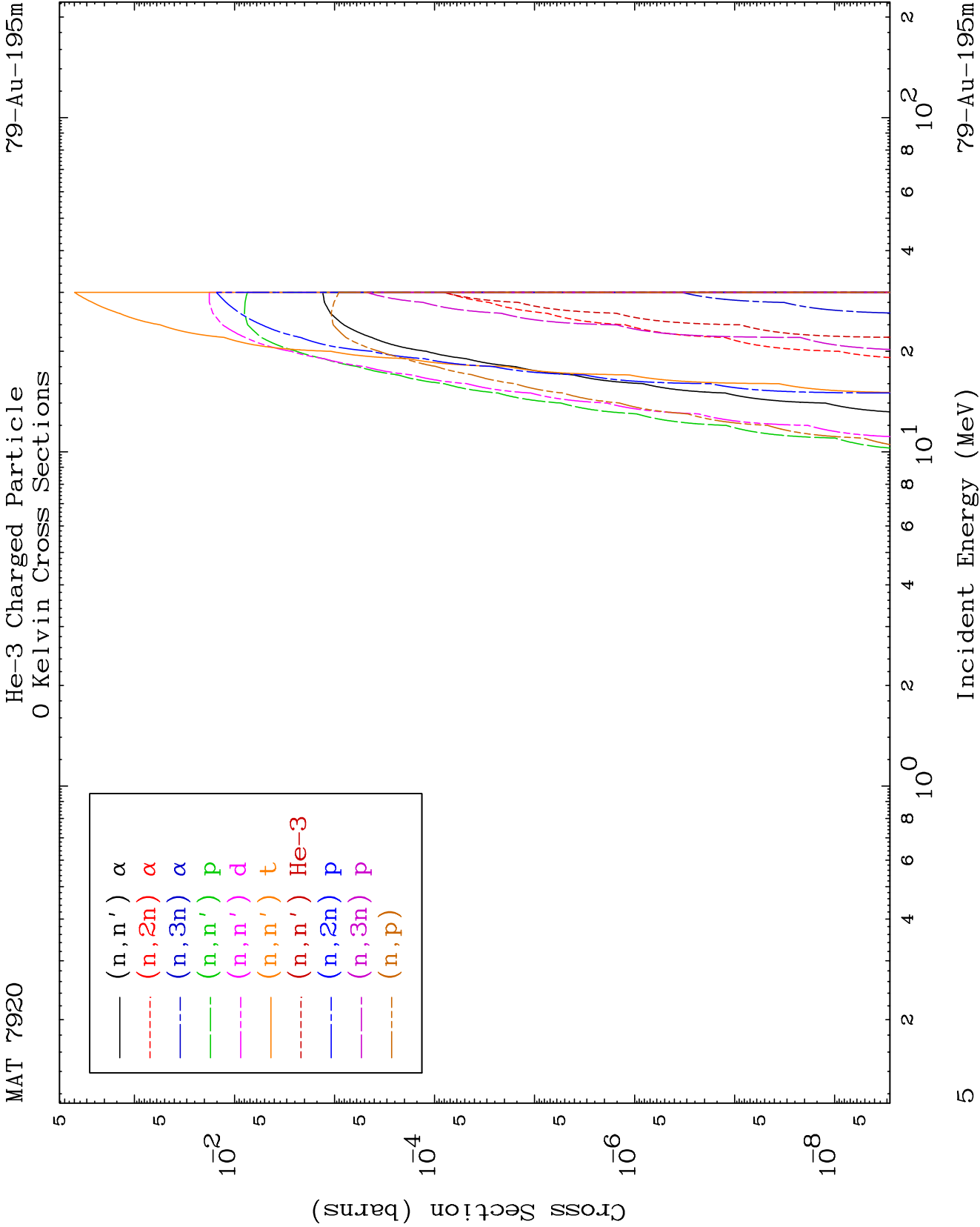
2

Incident Energy (MeV)

79-Au-195m



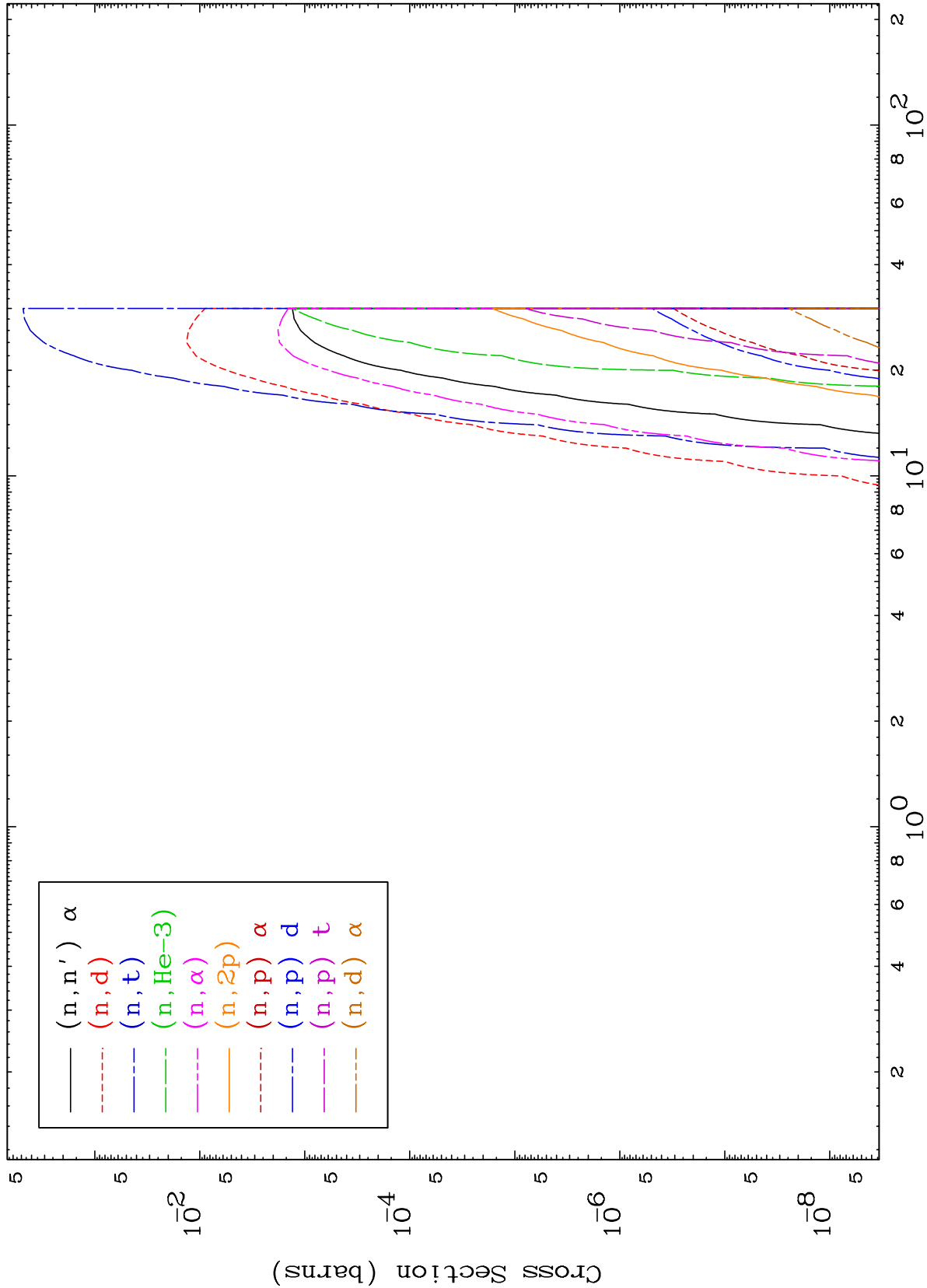




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He-3 Charged Particle
0 Kelvin Cross Sections

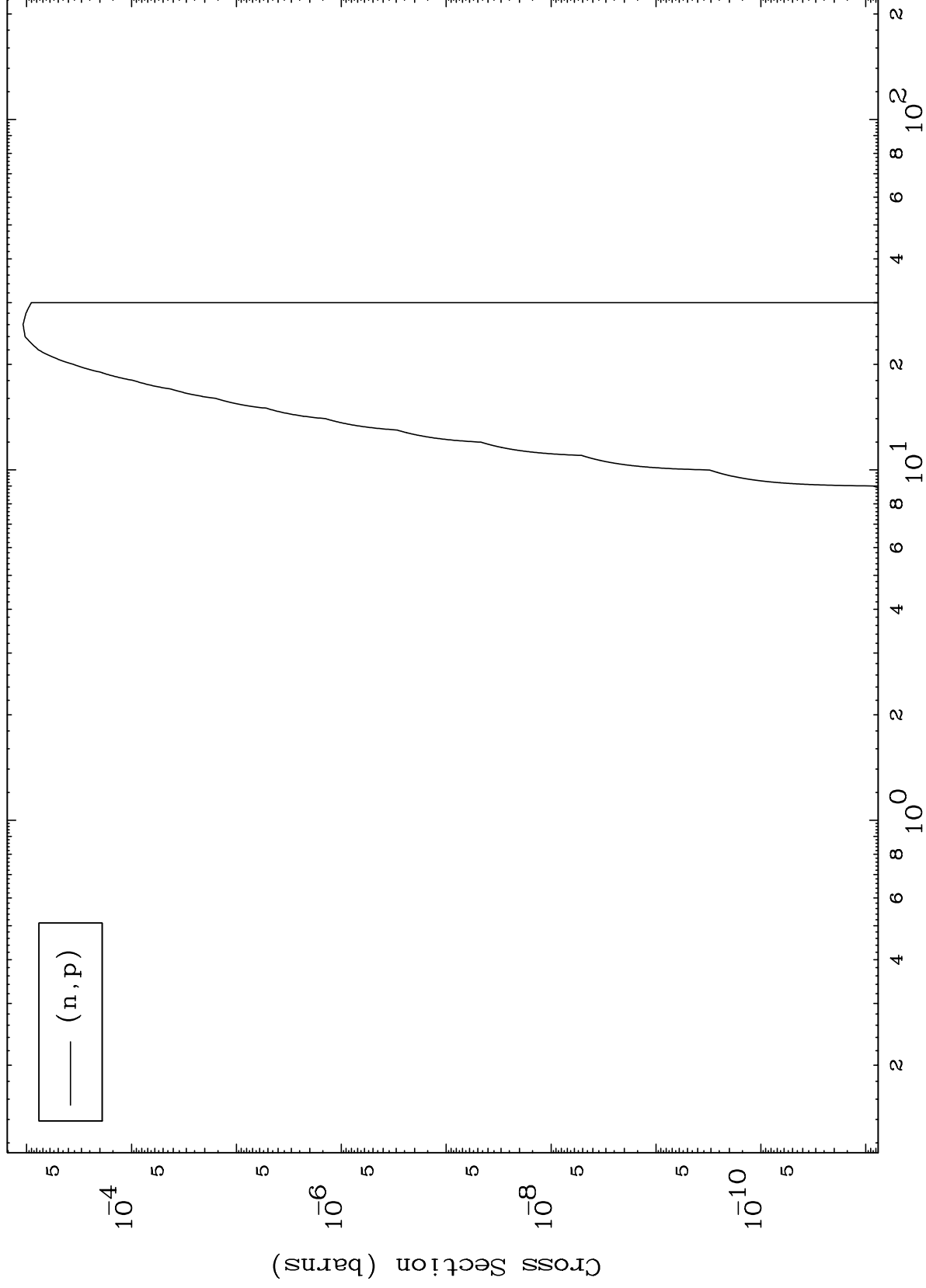
79-Au-195m



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79-Au-195m

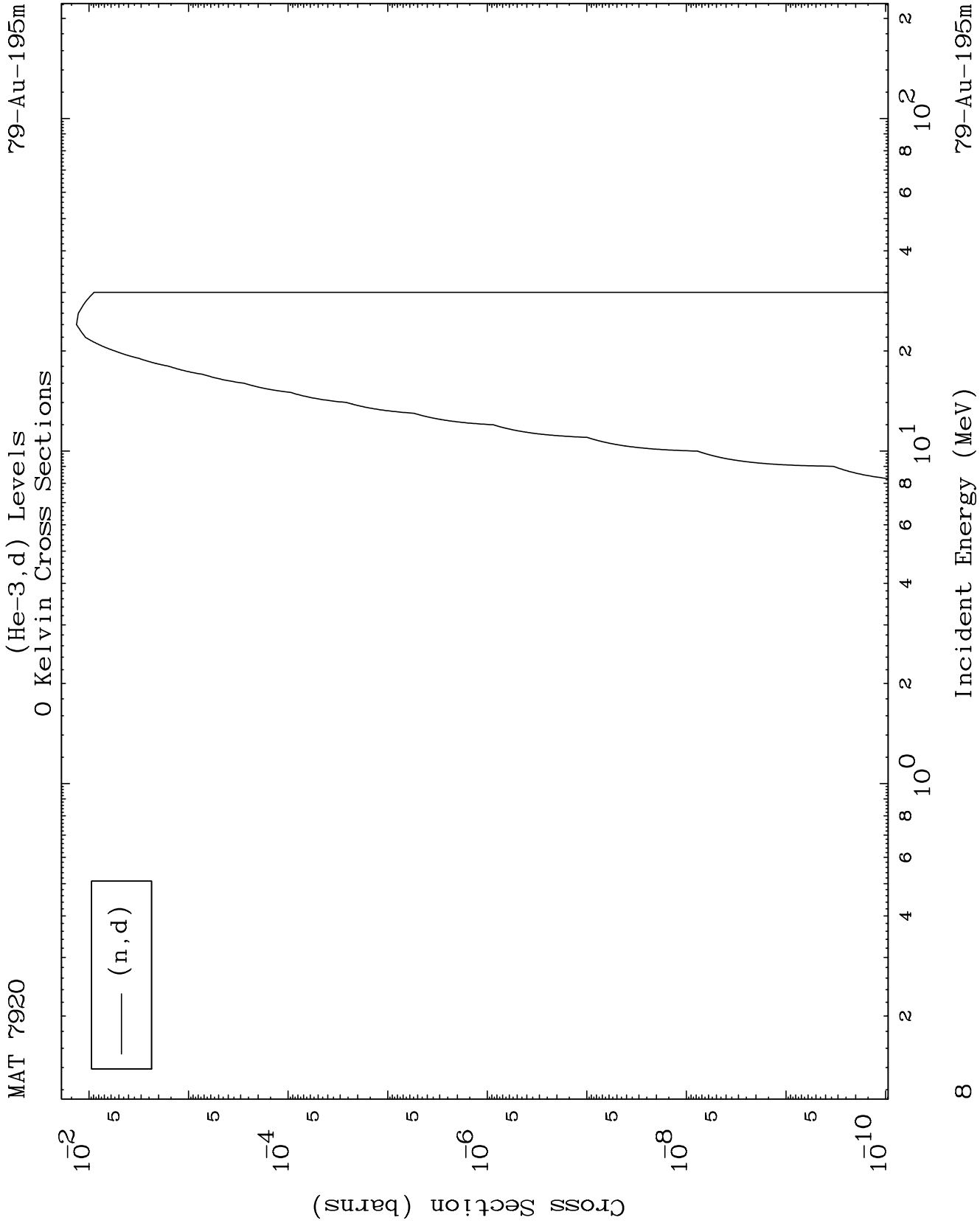
(He-3,p) Levels
0 Kelvin Cross Sections



7

Incident Energy (MeV)

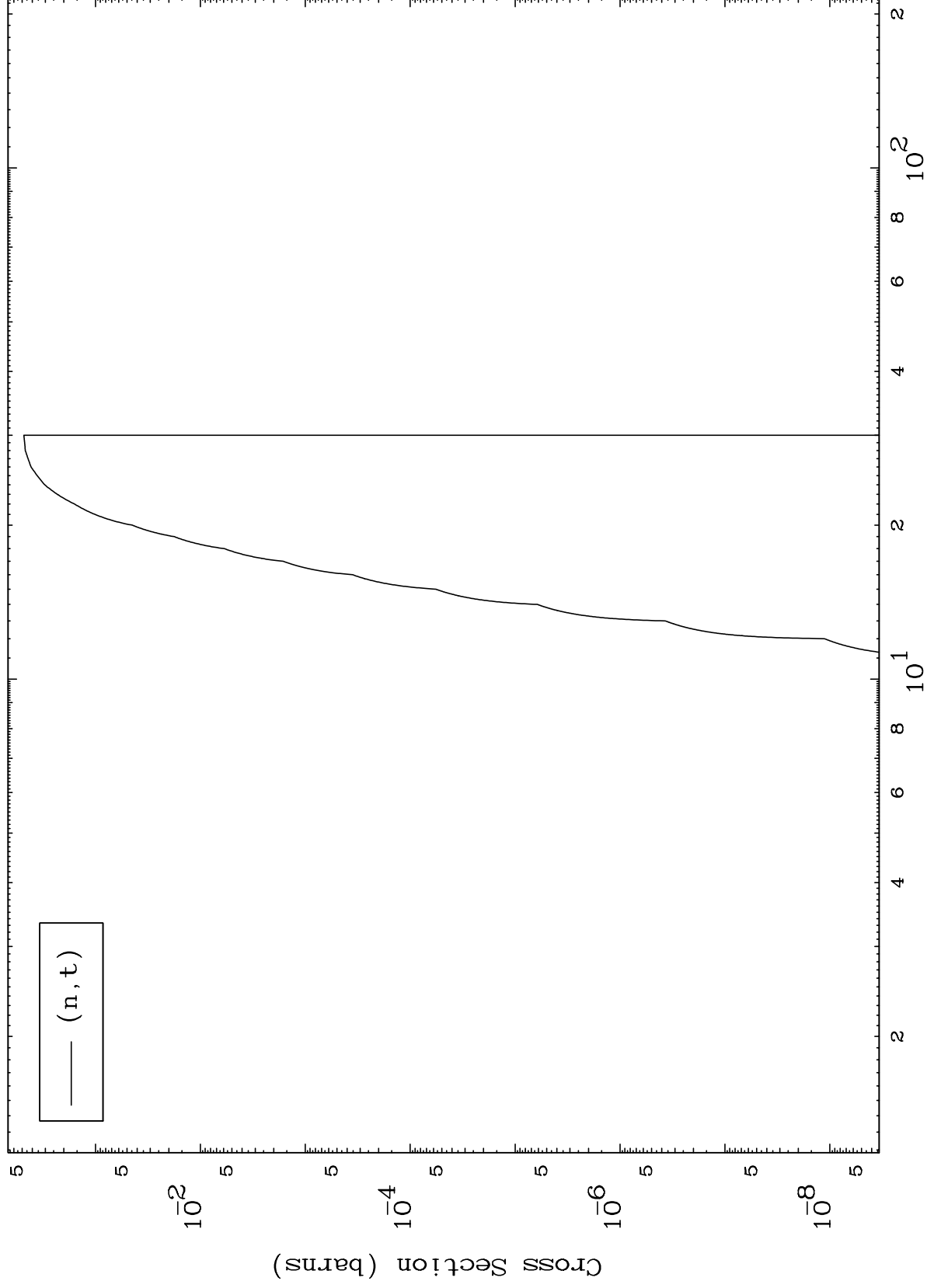
79-Au-195m

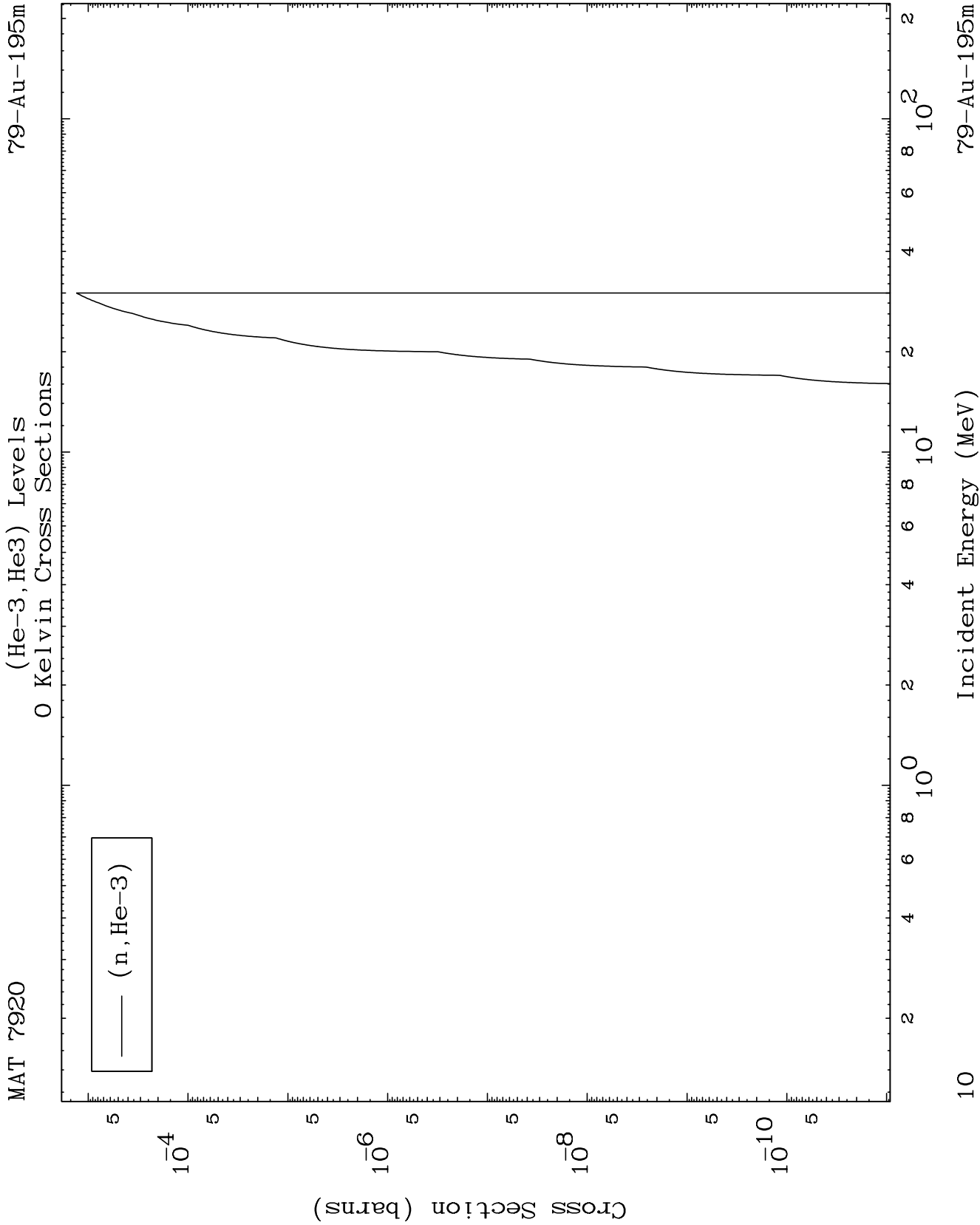


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(He-3,t) Levels
0 Kelvin Cross Sections

79-Au-195m

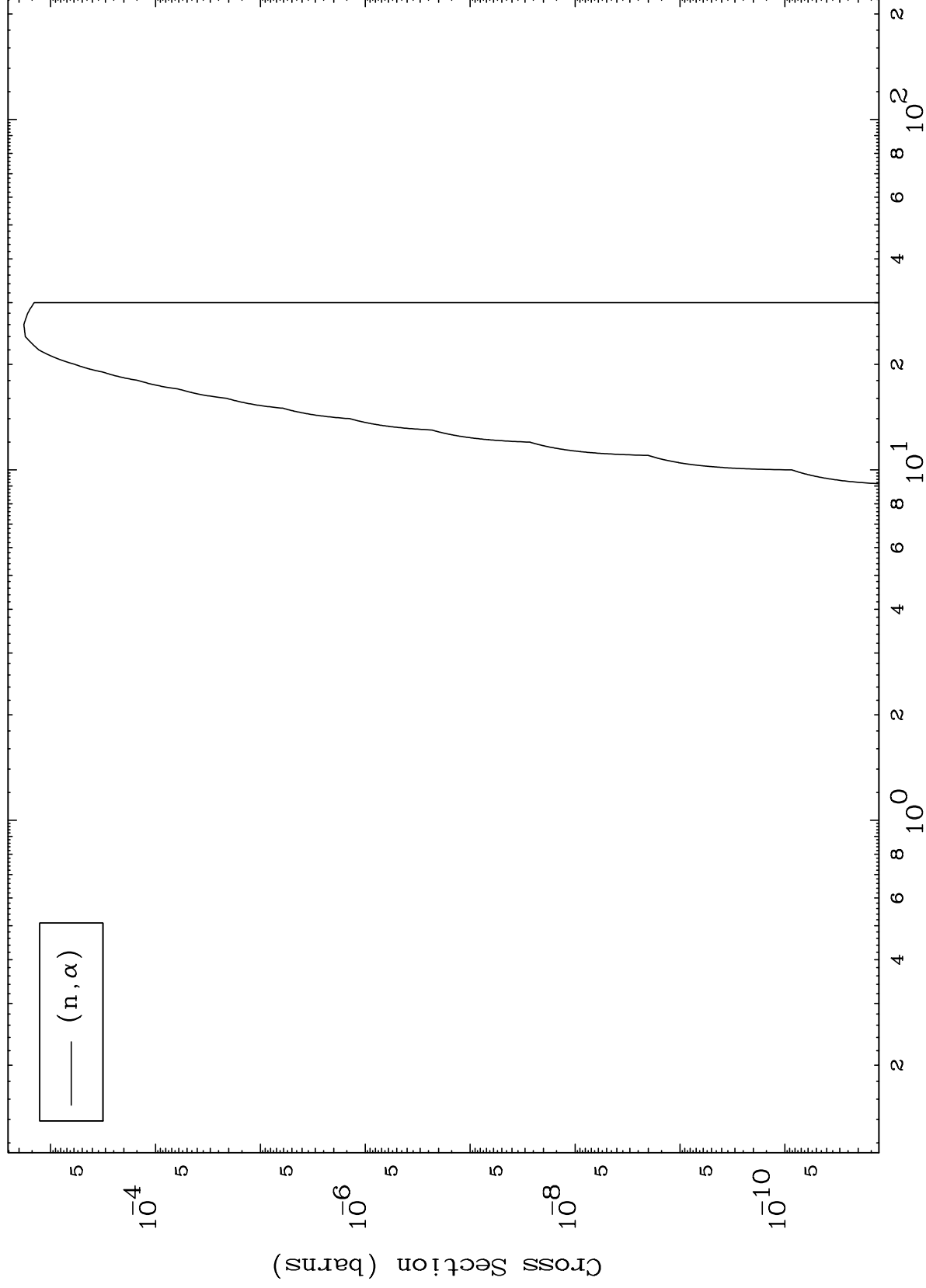




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79-Au-195m

(He-3, α) Levels
0 Kelvin Cross Sections



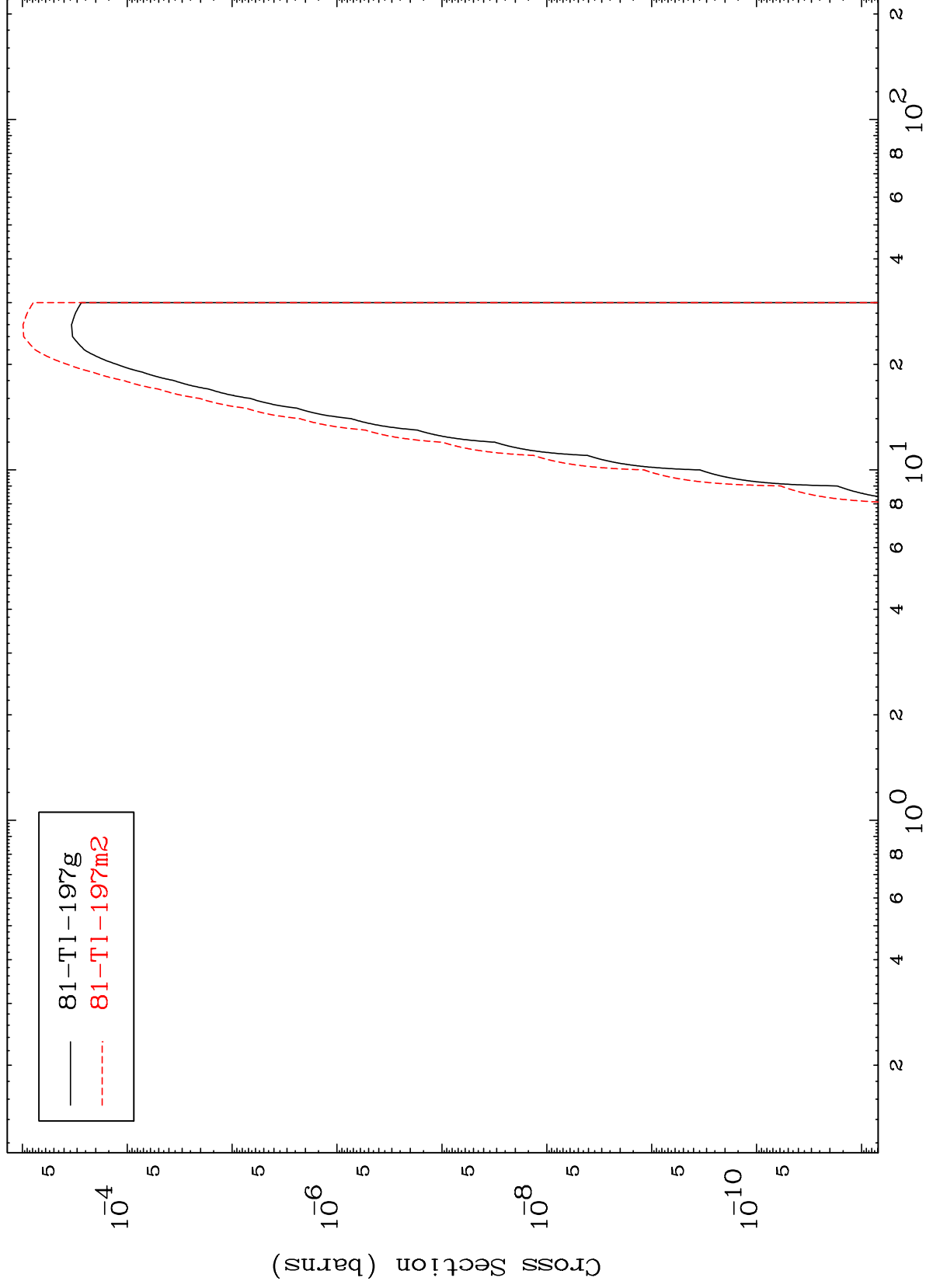
11

79-Au-195m

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Radionuclide Production Cross Section

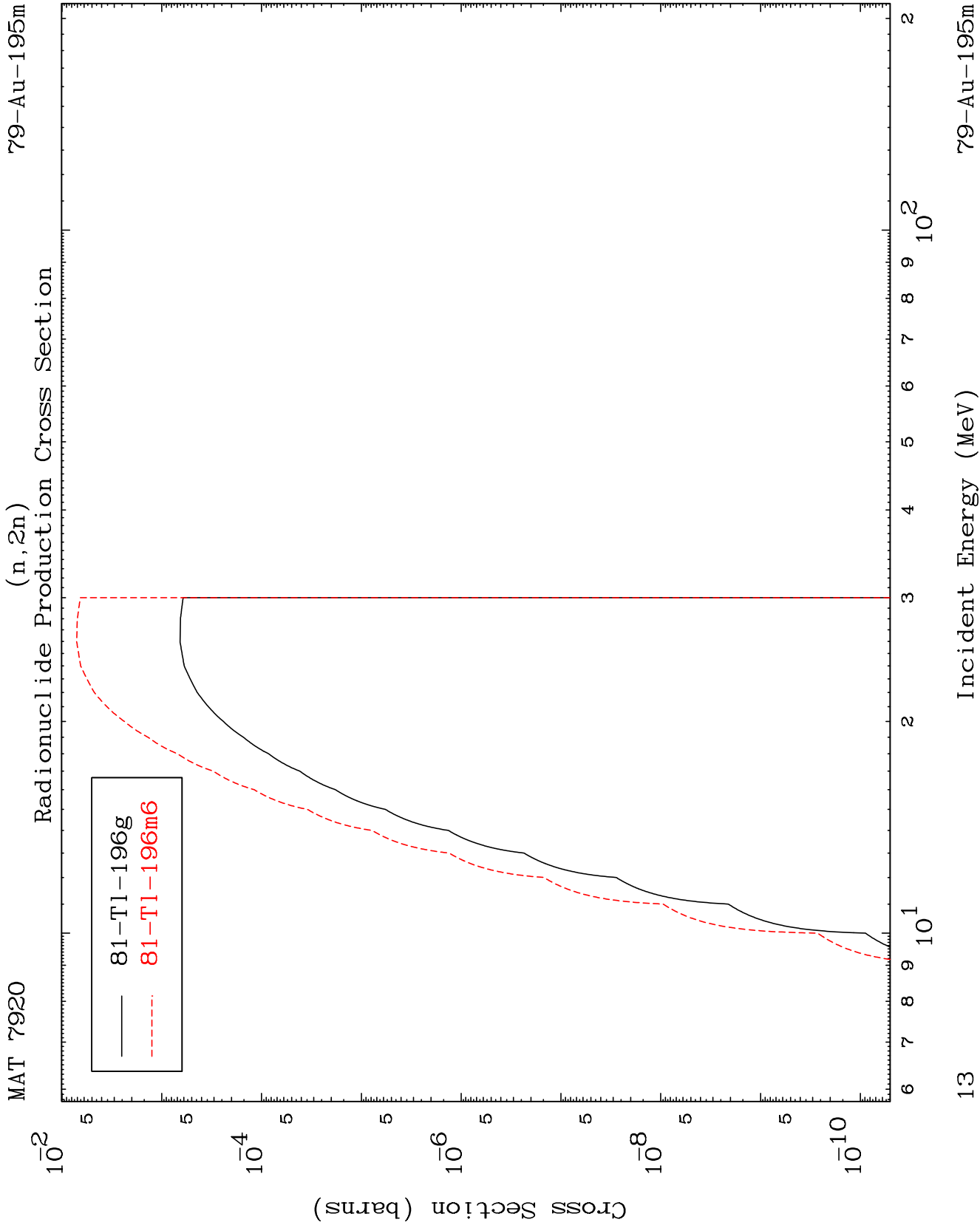
⁷⁹Au-195m



Incident Energy (MeV)

⁷⁹Au-195m

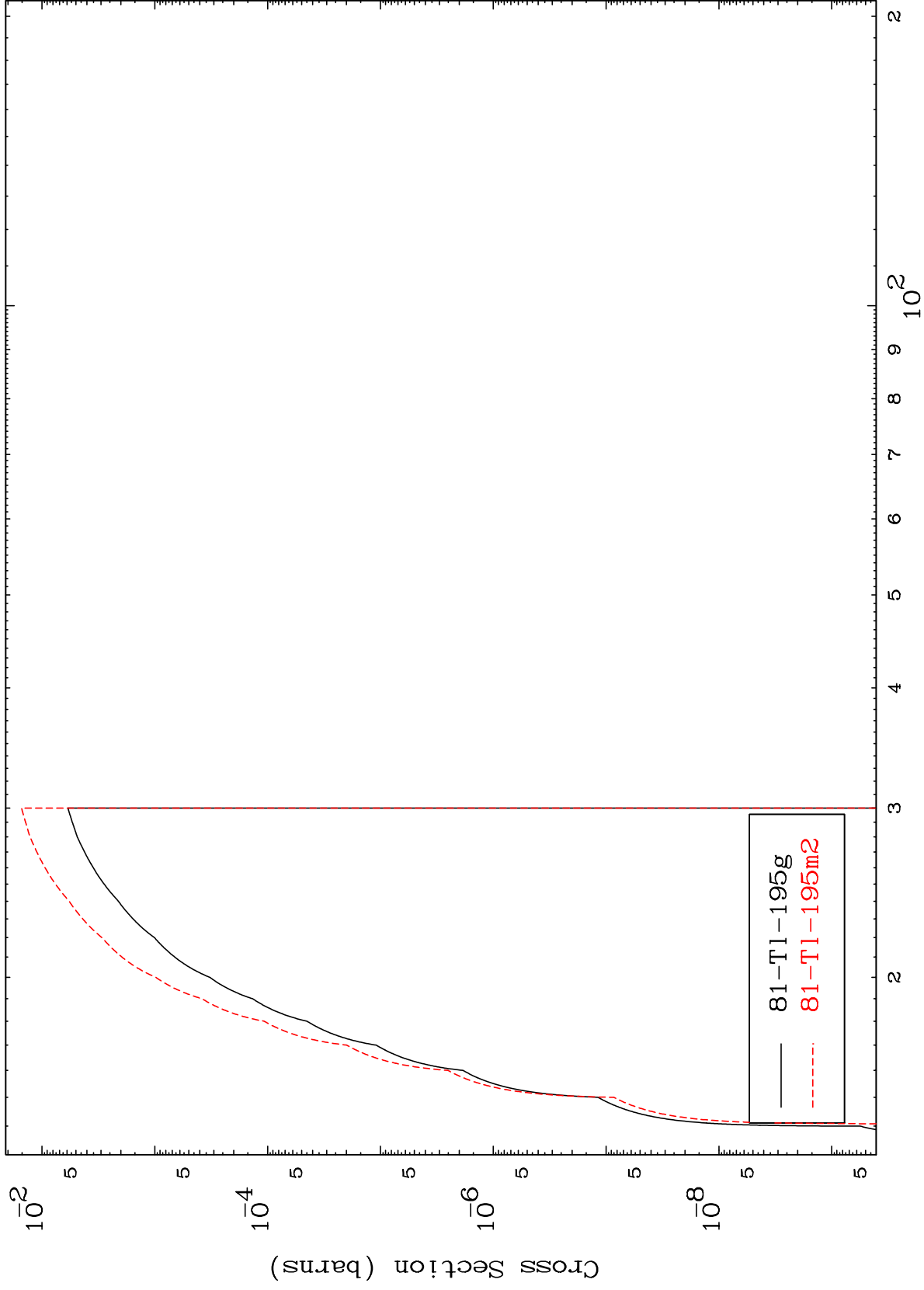
12



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⁷⁹Au-195m

(n,3n)
Radionuclide Production Cross Section



⁷⁹Au-195m

Incident Energy (MeV)

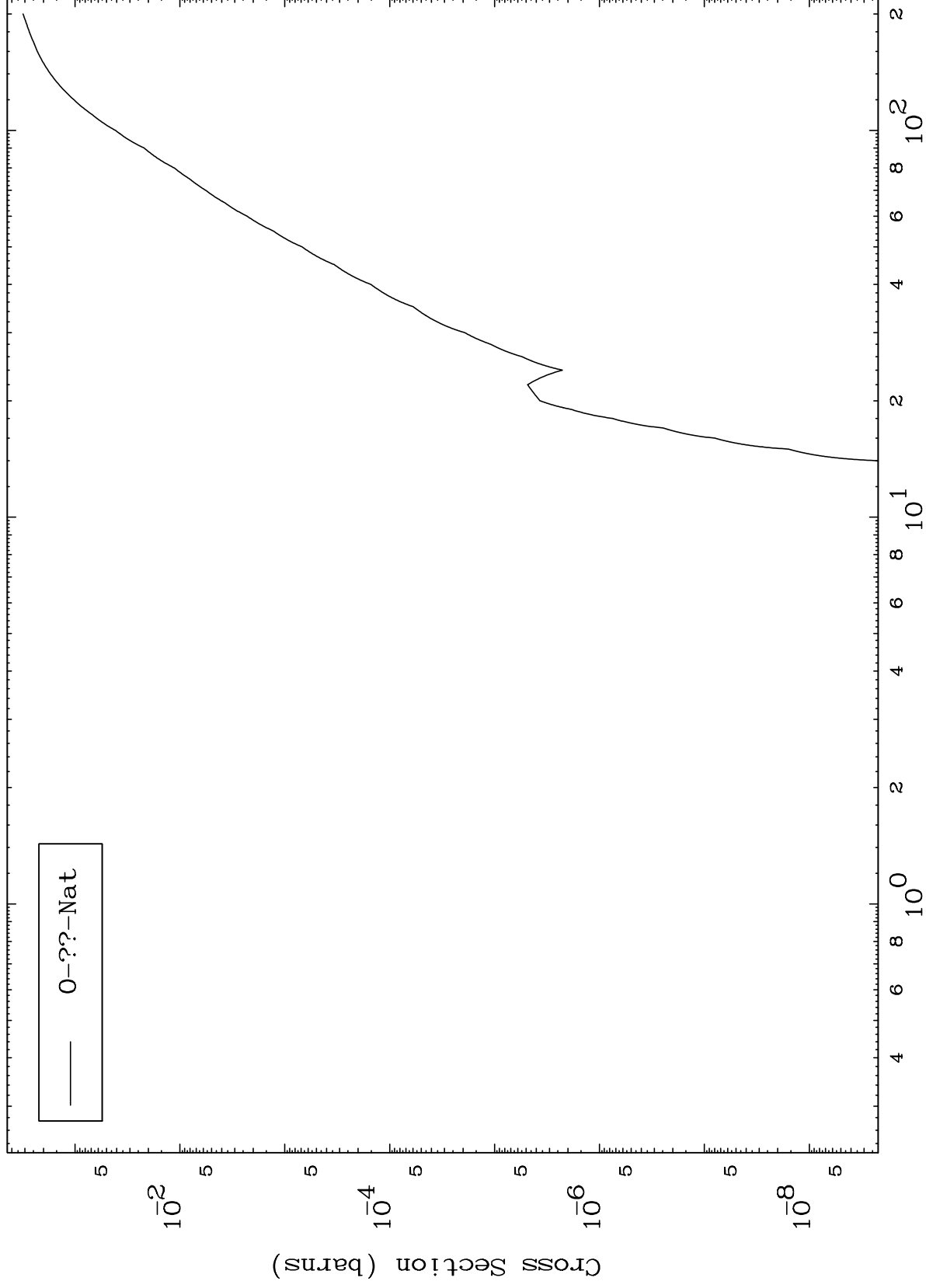
14

MAT 7920

Fission

⁷⁹Au-195m

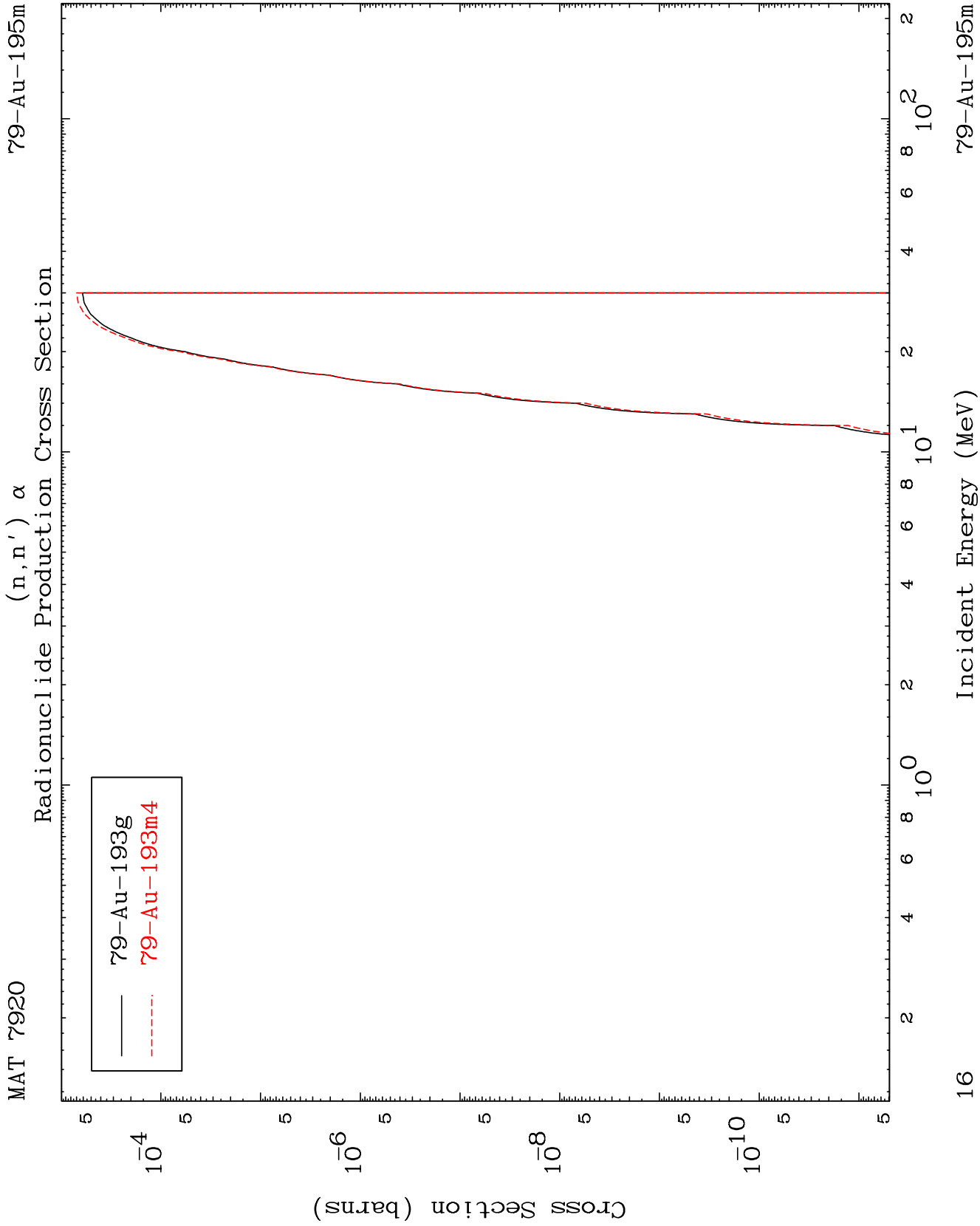
Radionuclide Production Cross Section

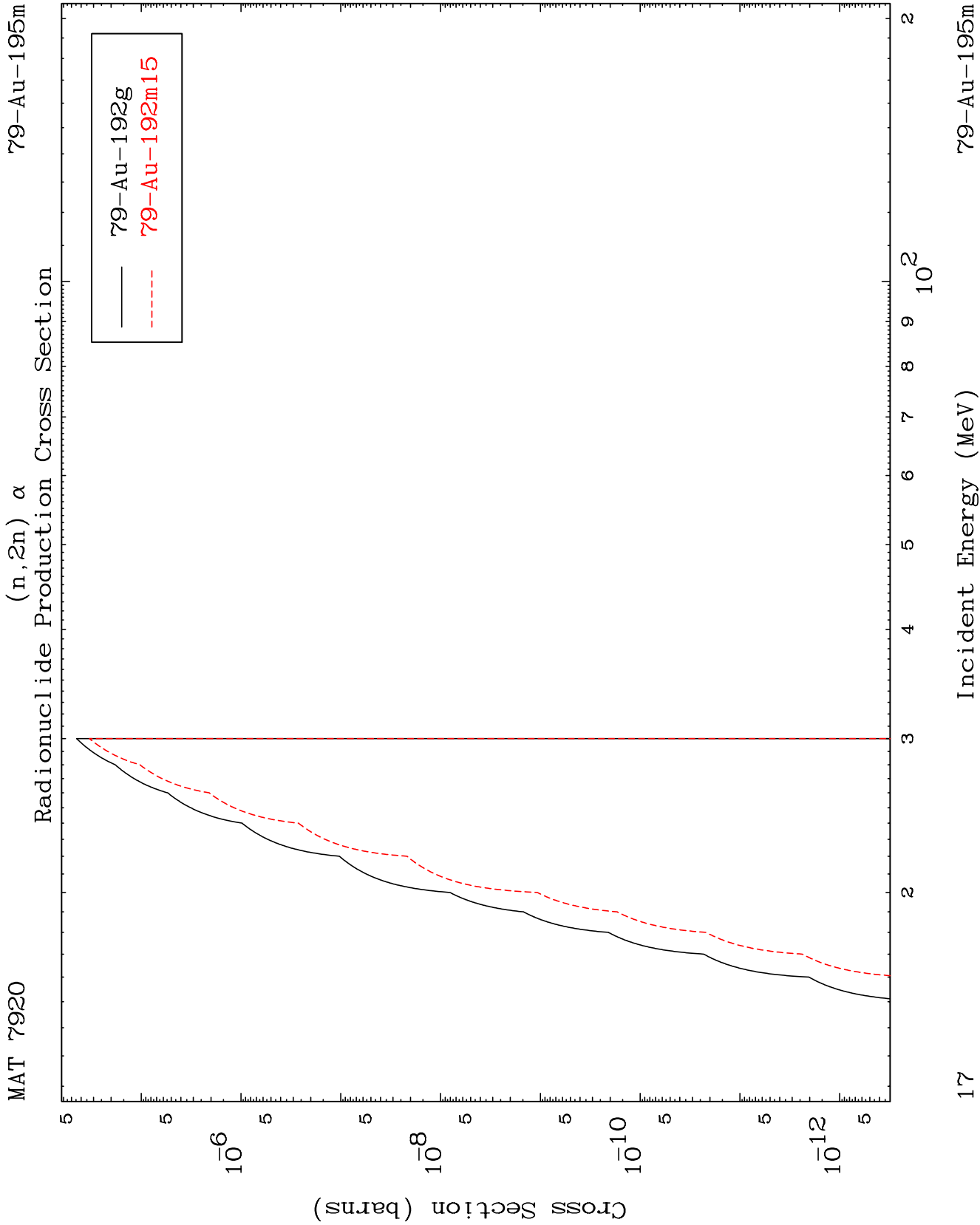


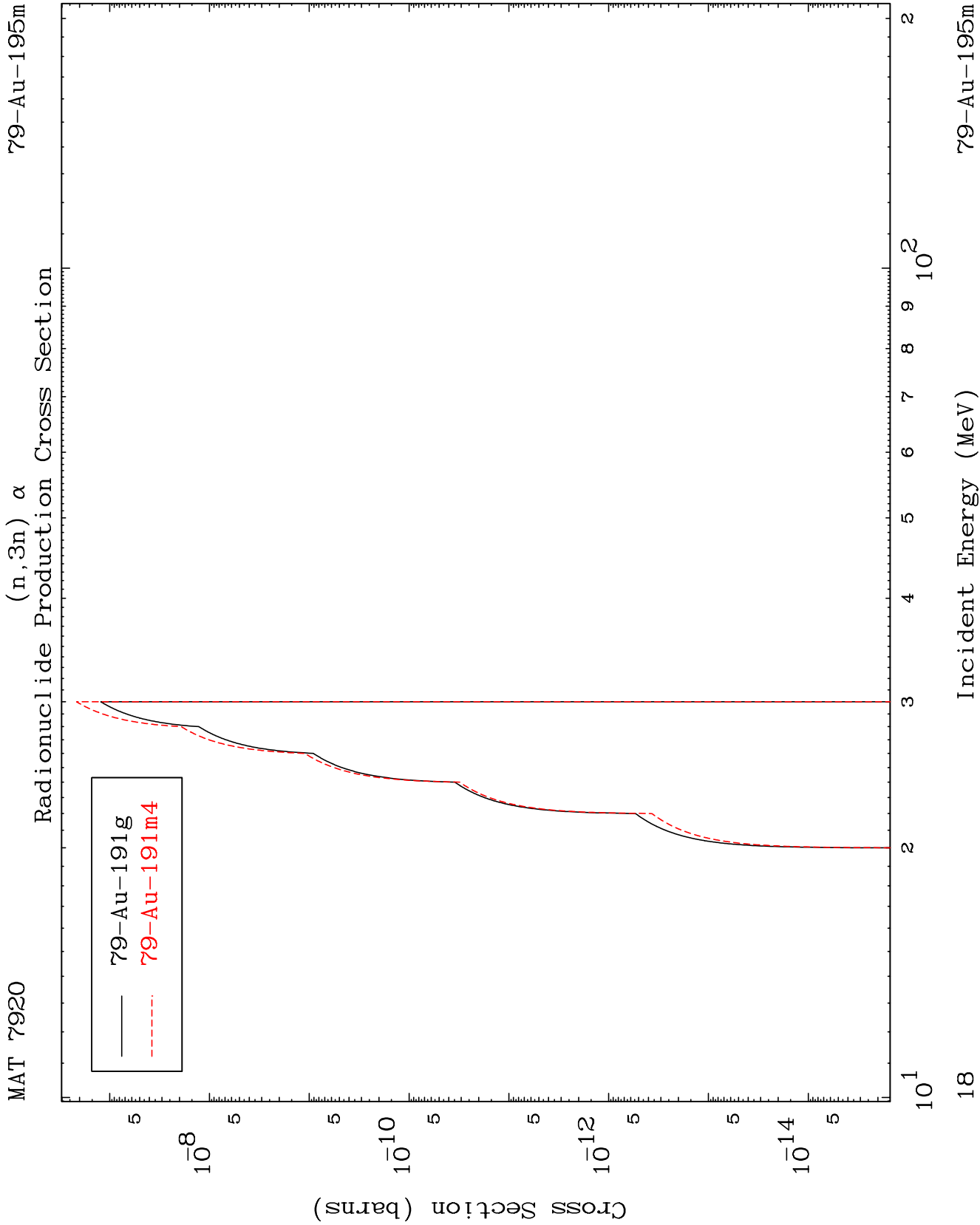
15

Incident Energy (MeV)

⁷⁹Au-195m





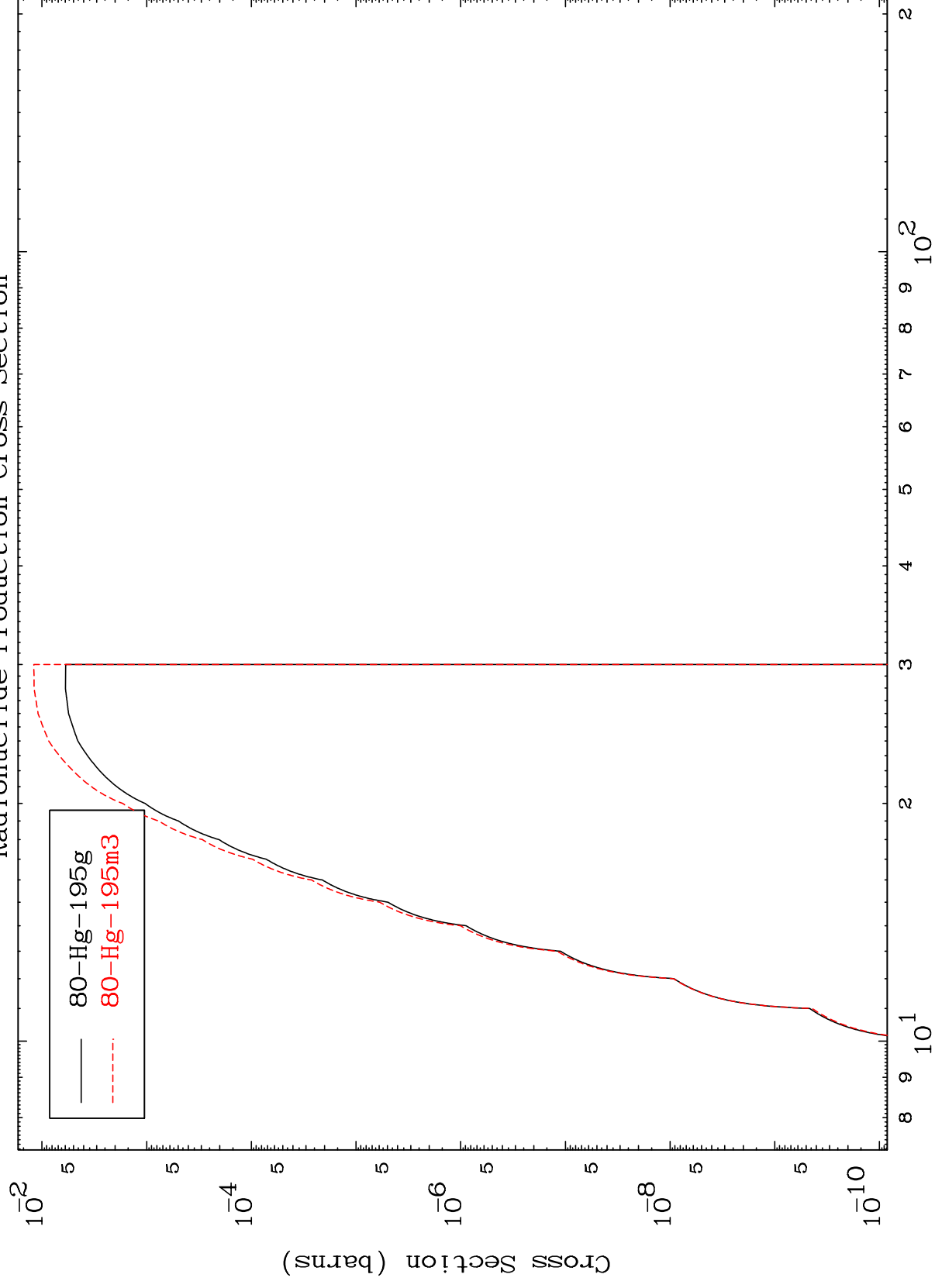


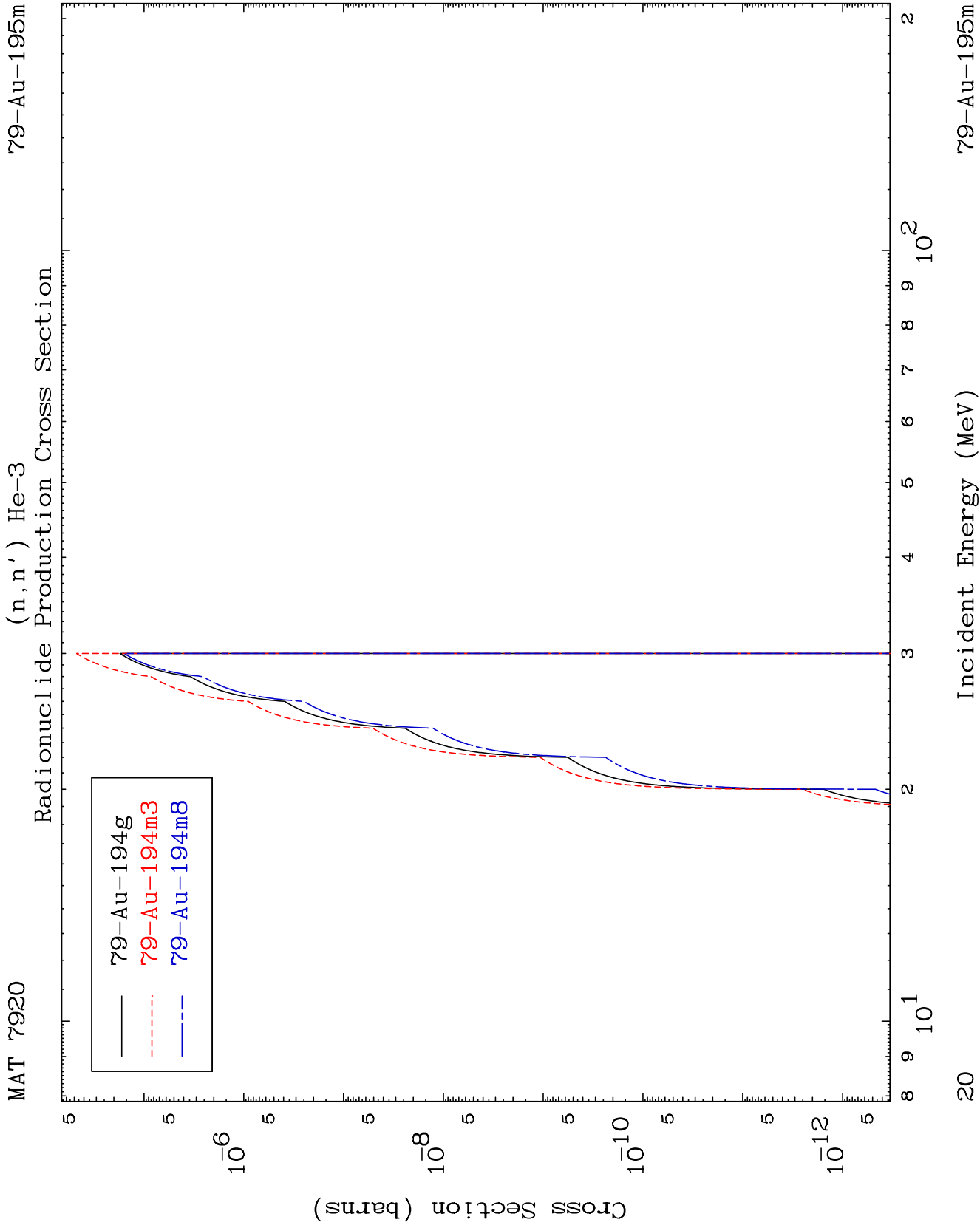
MAT 7920

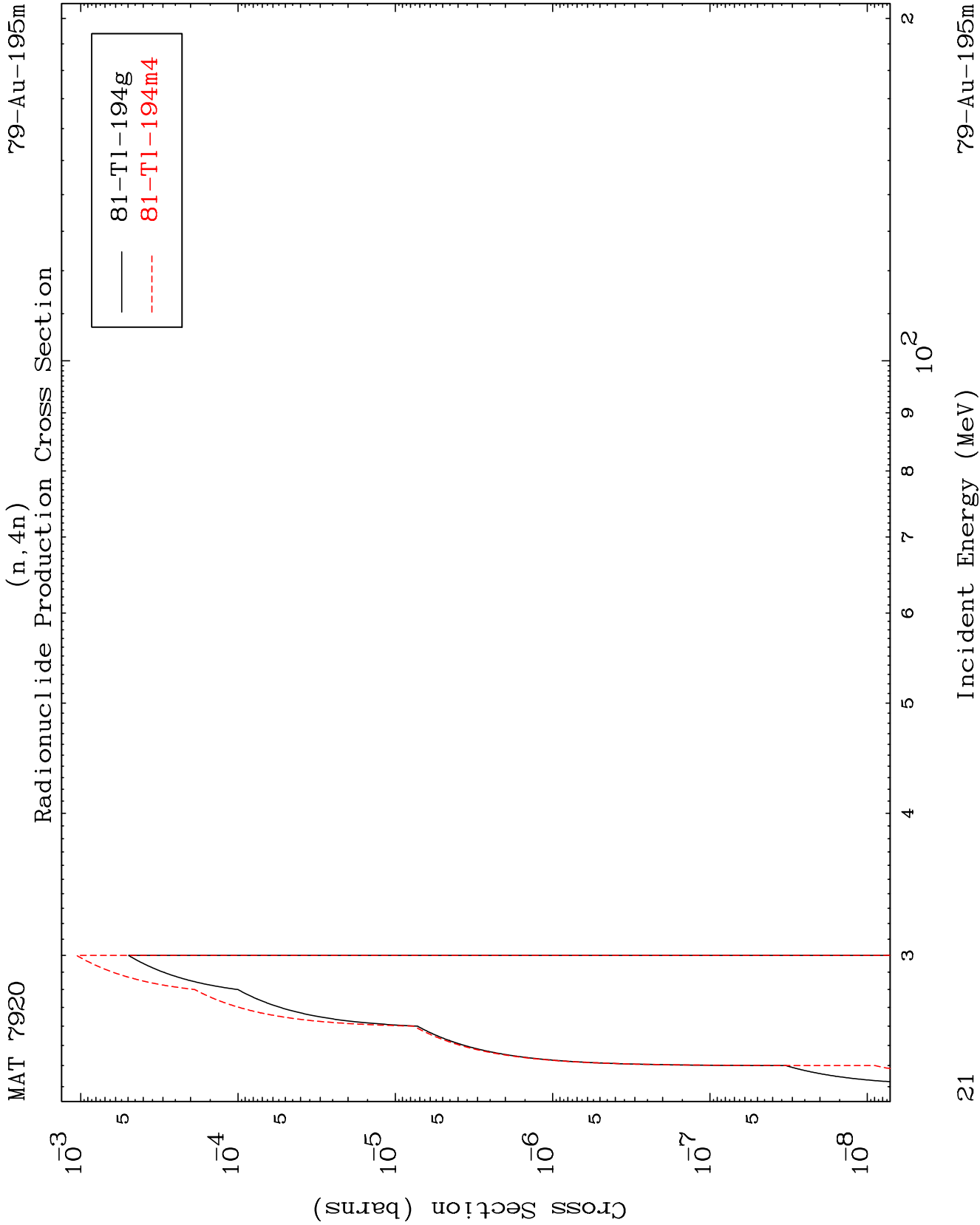
 (n, n') d

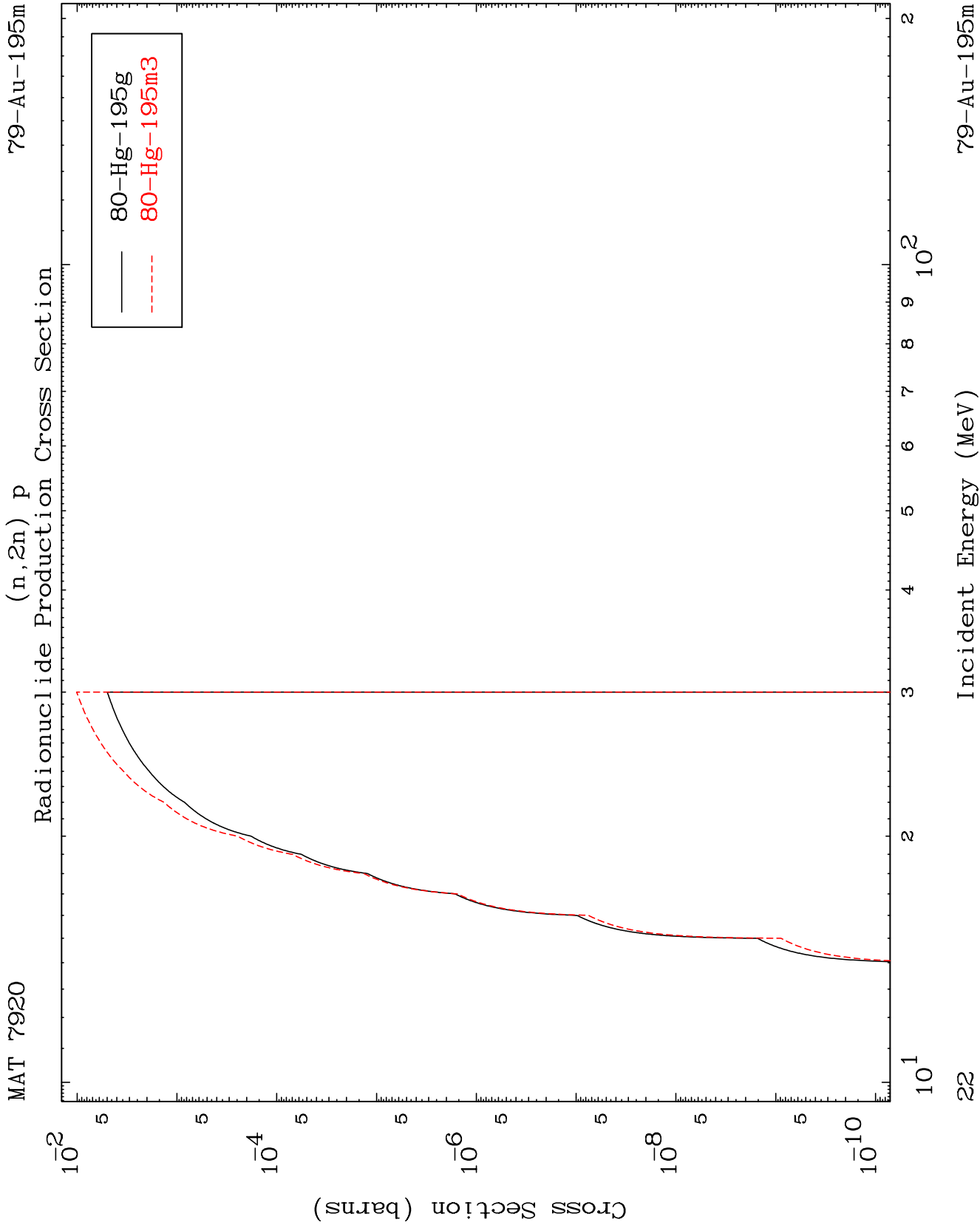
79-Au-195m

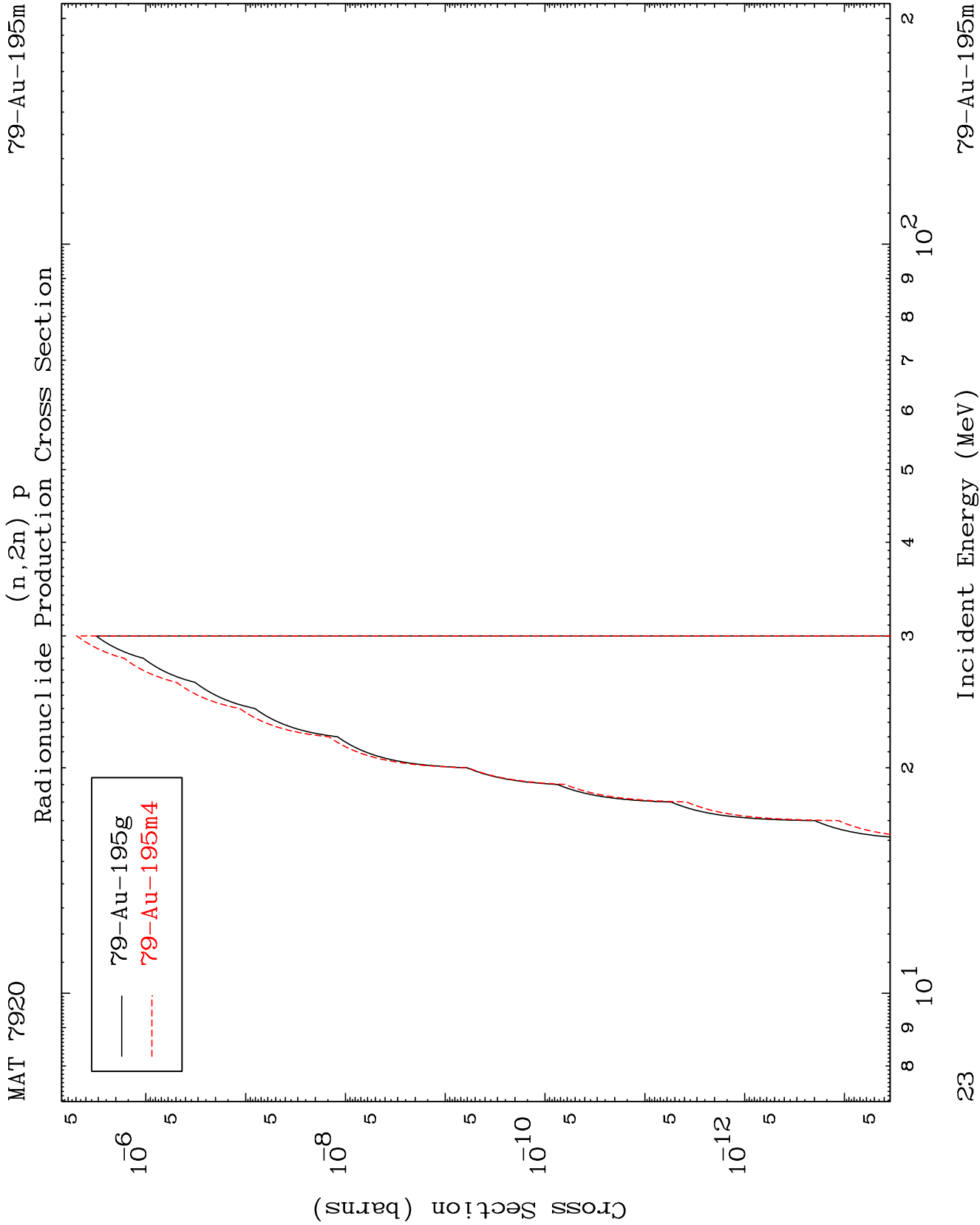
Radionuclide Production Cross Section







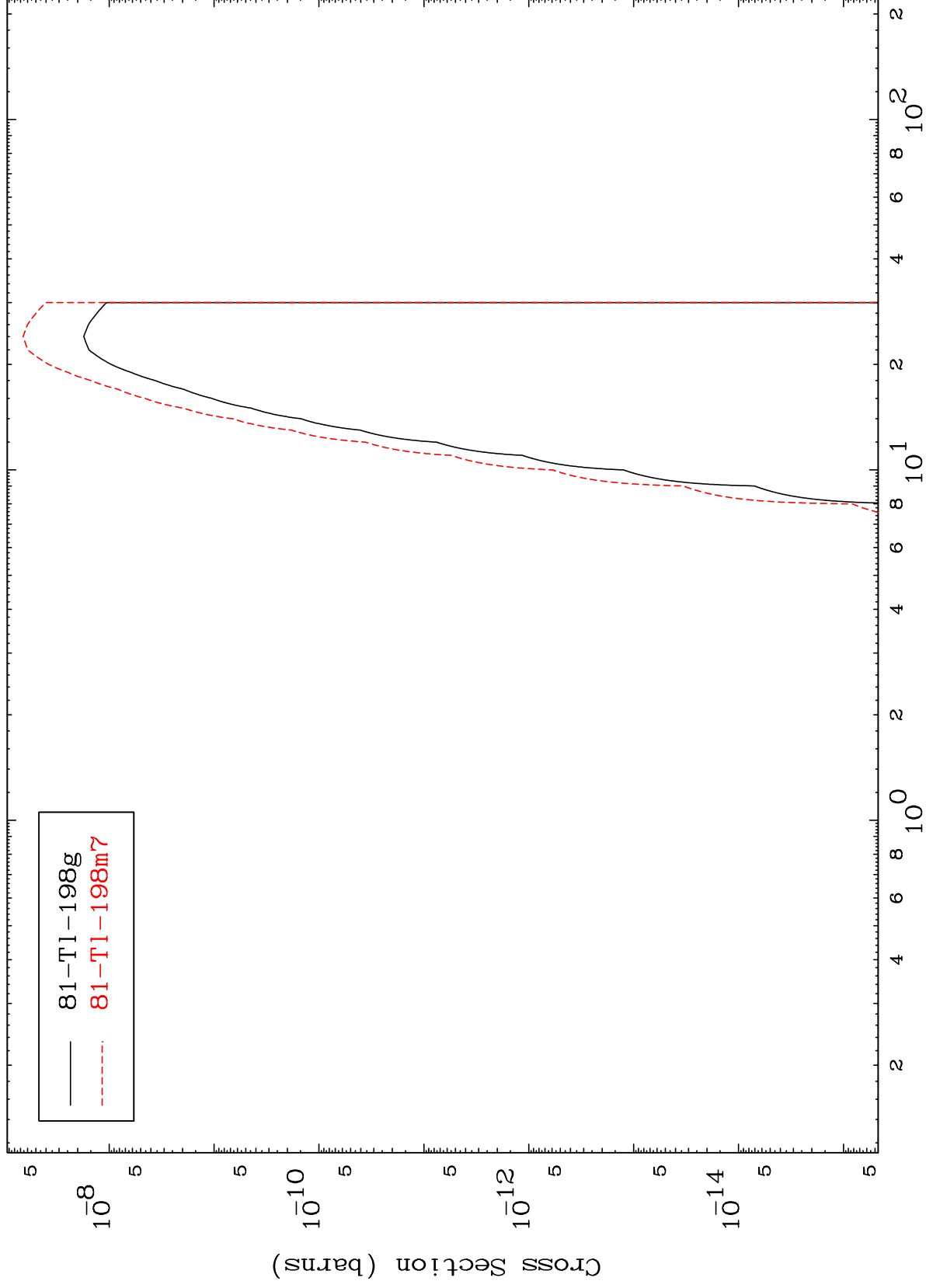




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79-Au-195m

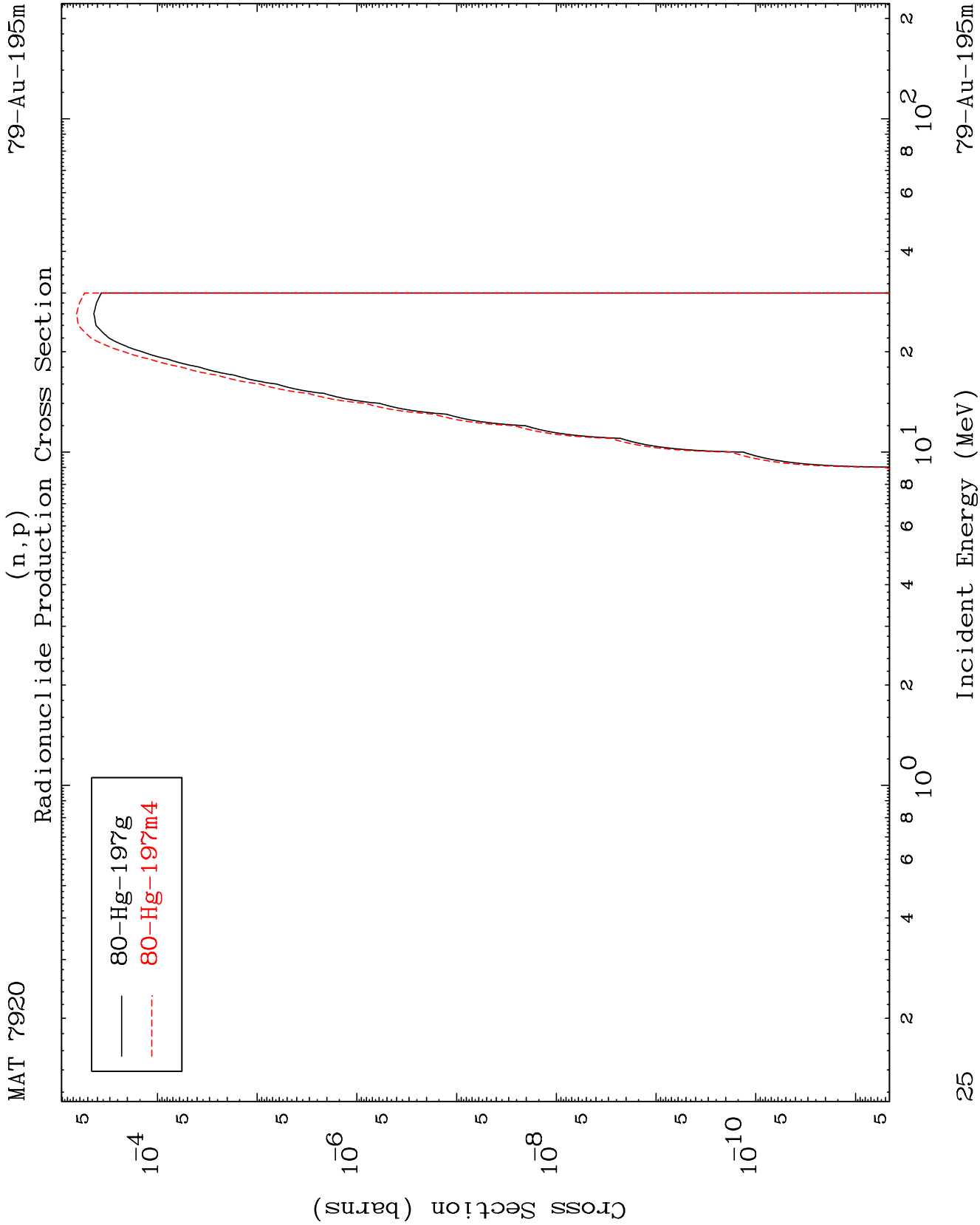
Radionuclide Production Cross Section



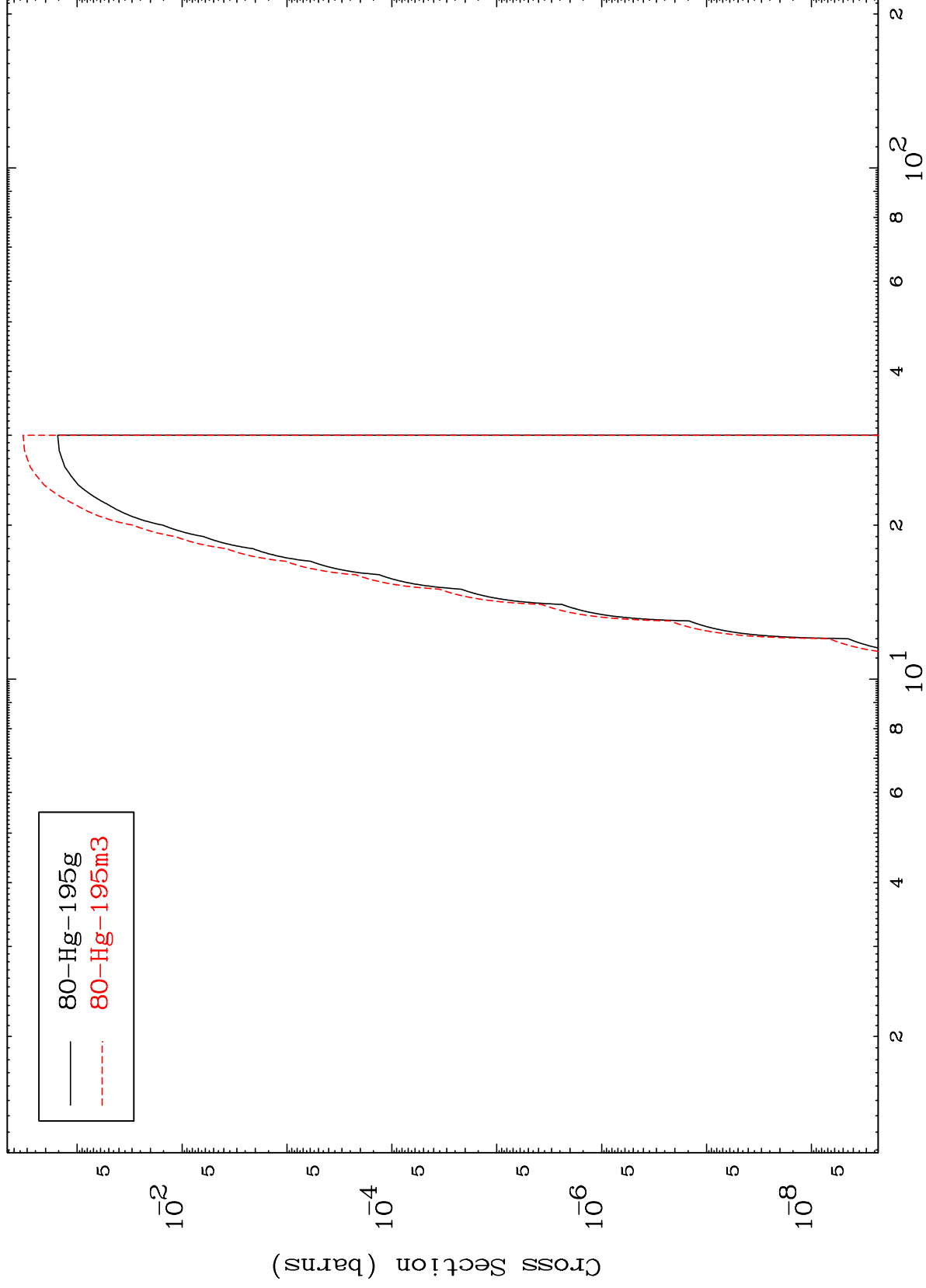
79-Au-195m

Incident Energy (MeV)

24



Radionuclide Production Cross Section (n,t)

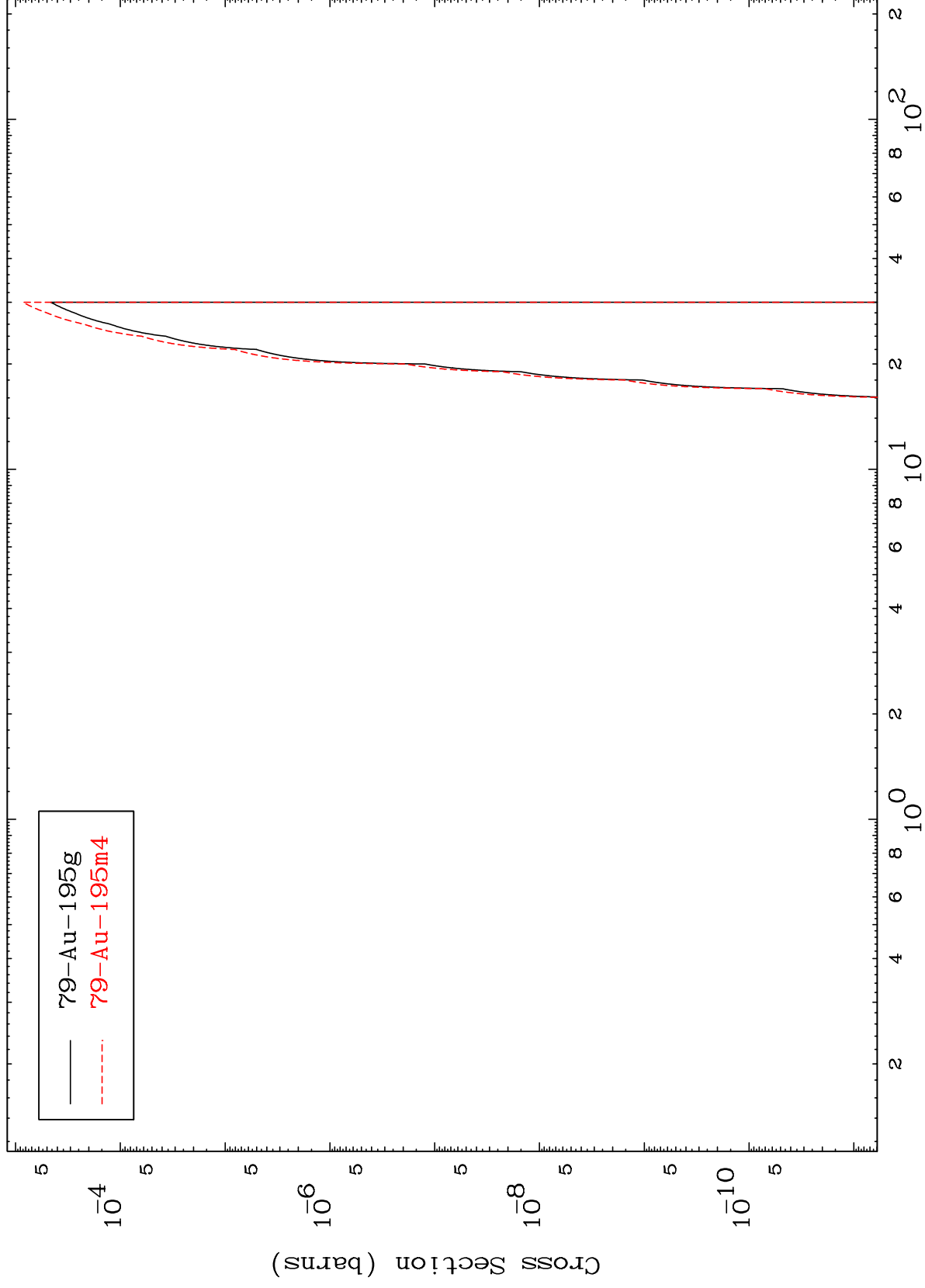


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(n,He-3)

79-Au-195m

Radionuclide Production Cross Section



27

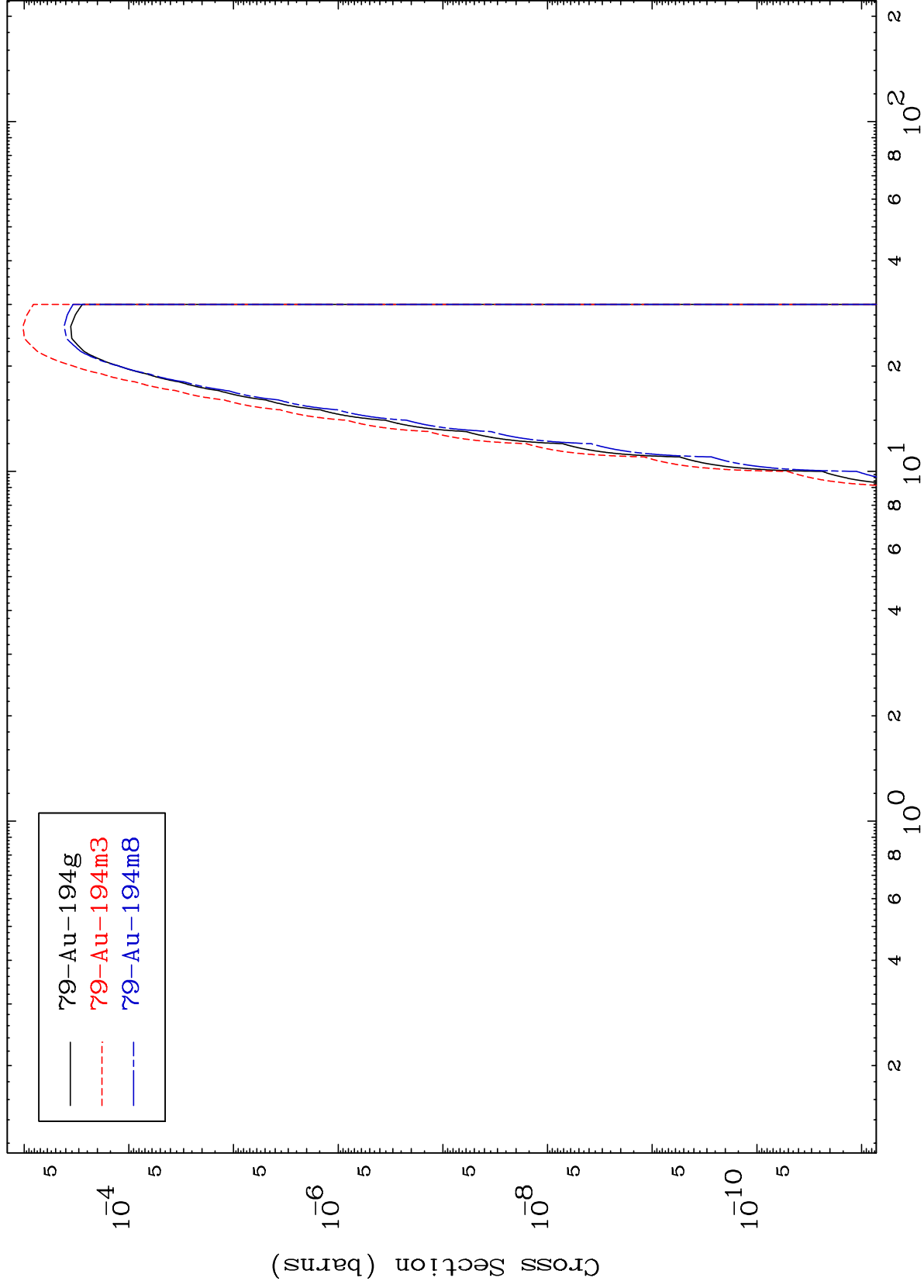
Incident Energy (MeV)

79-Au-195m

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

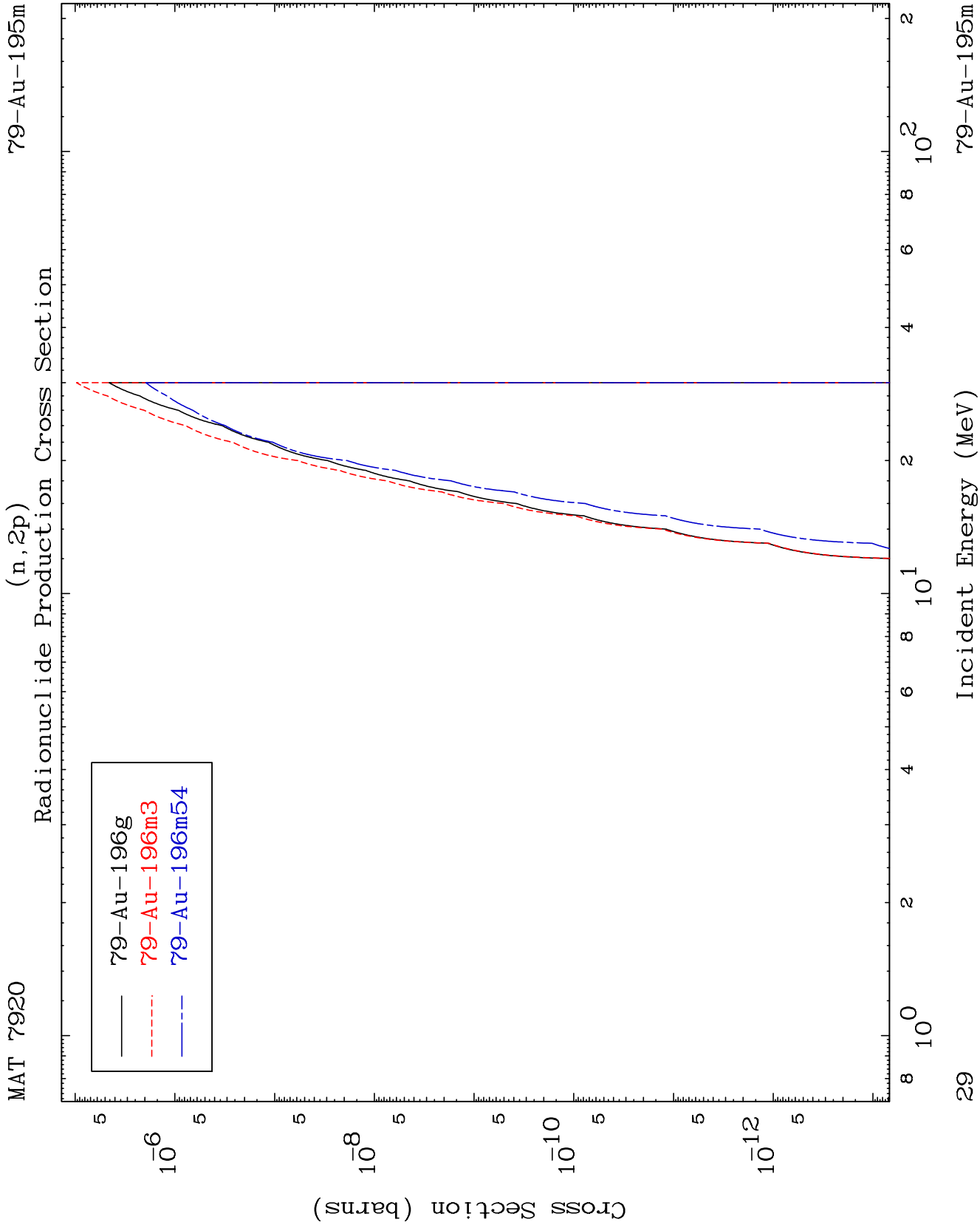
Radionuclide Production Cross Section



28

Incident Energy (MeV)

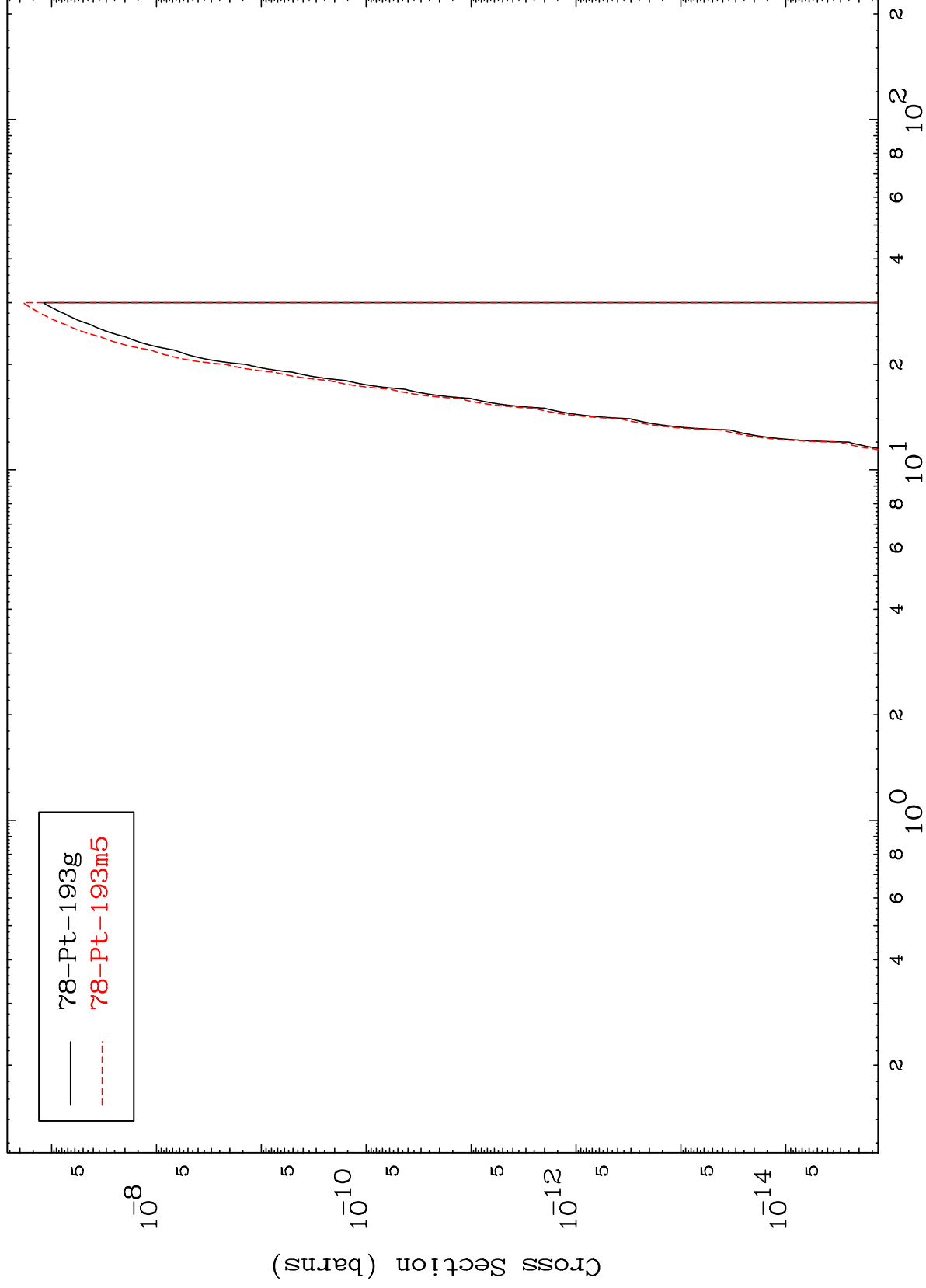
$^{79}\text{Au-195m}$



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⁷⁹Au-195m

(n,p) α
Radionuclide Production Cross Section



Incident Energy (MeV)

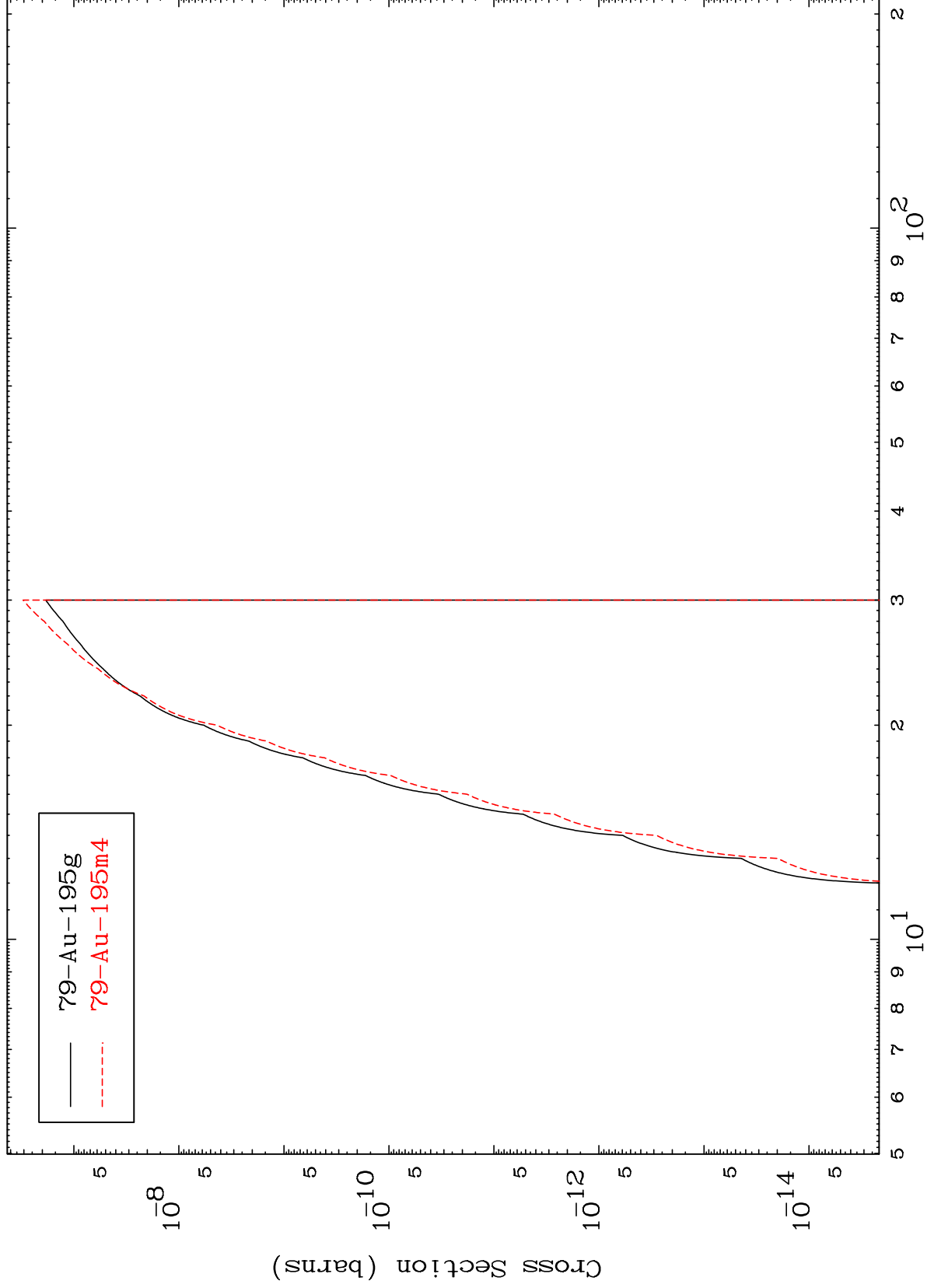
⁷⁹Au-195m

30

MAT 7920

⁷⁹Au-195m

(n,p) d
Radionuclide Production Cross Section



31

Incident Energy (MeV)

⁷⁹Au-195m

