

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

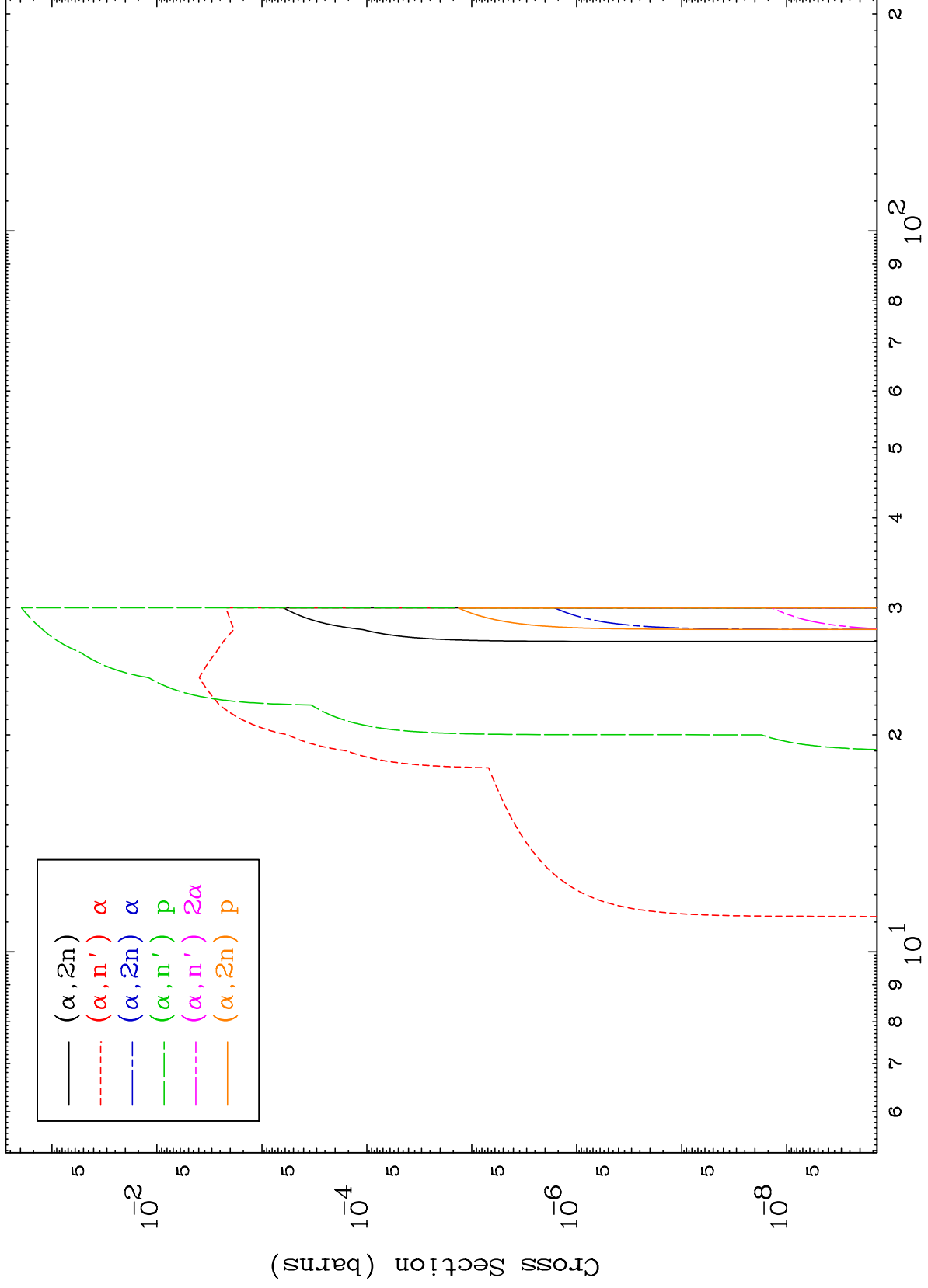
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Livermore, CA 94550
U.S.A.

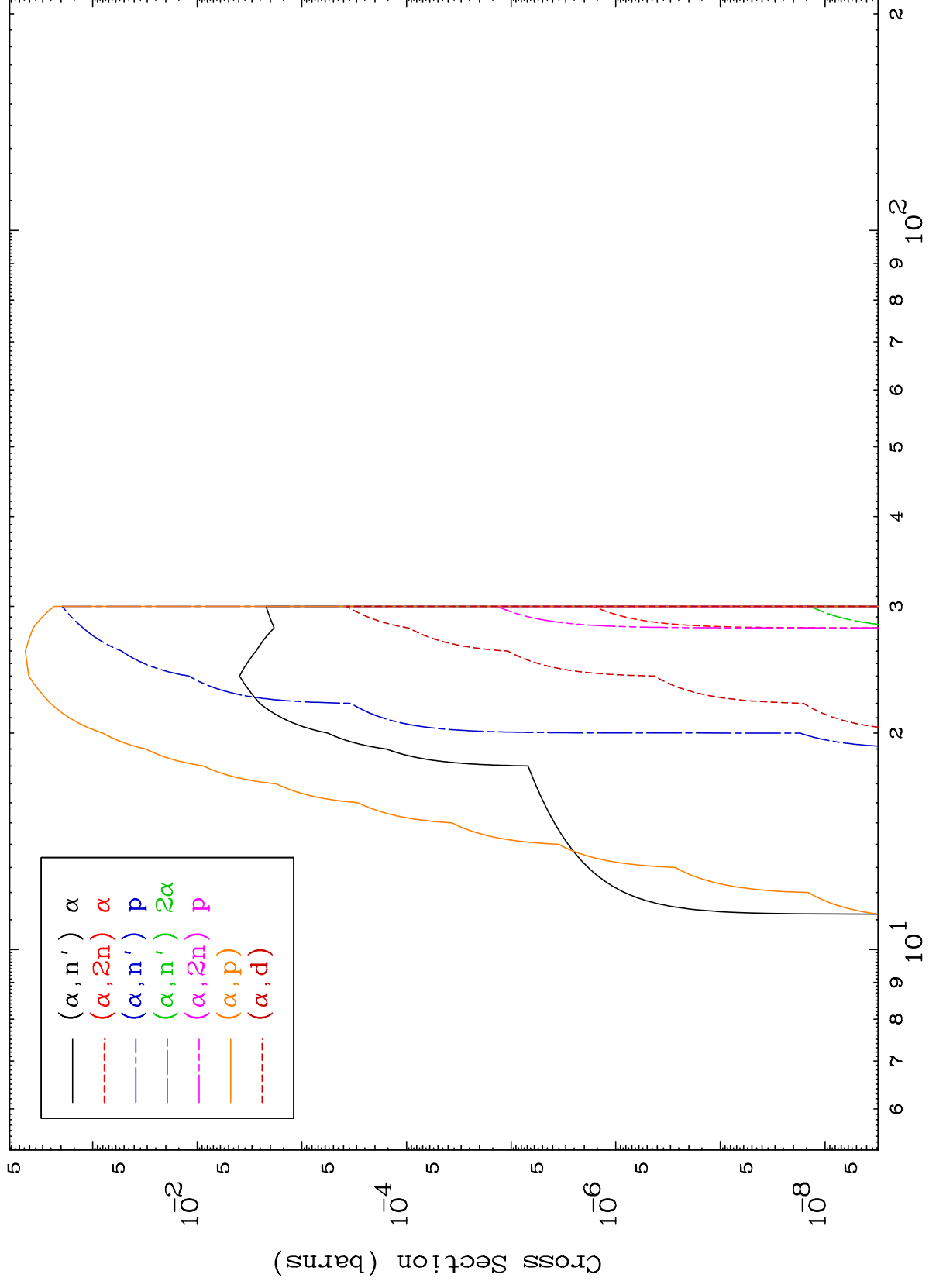
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start



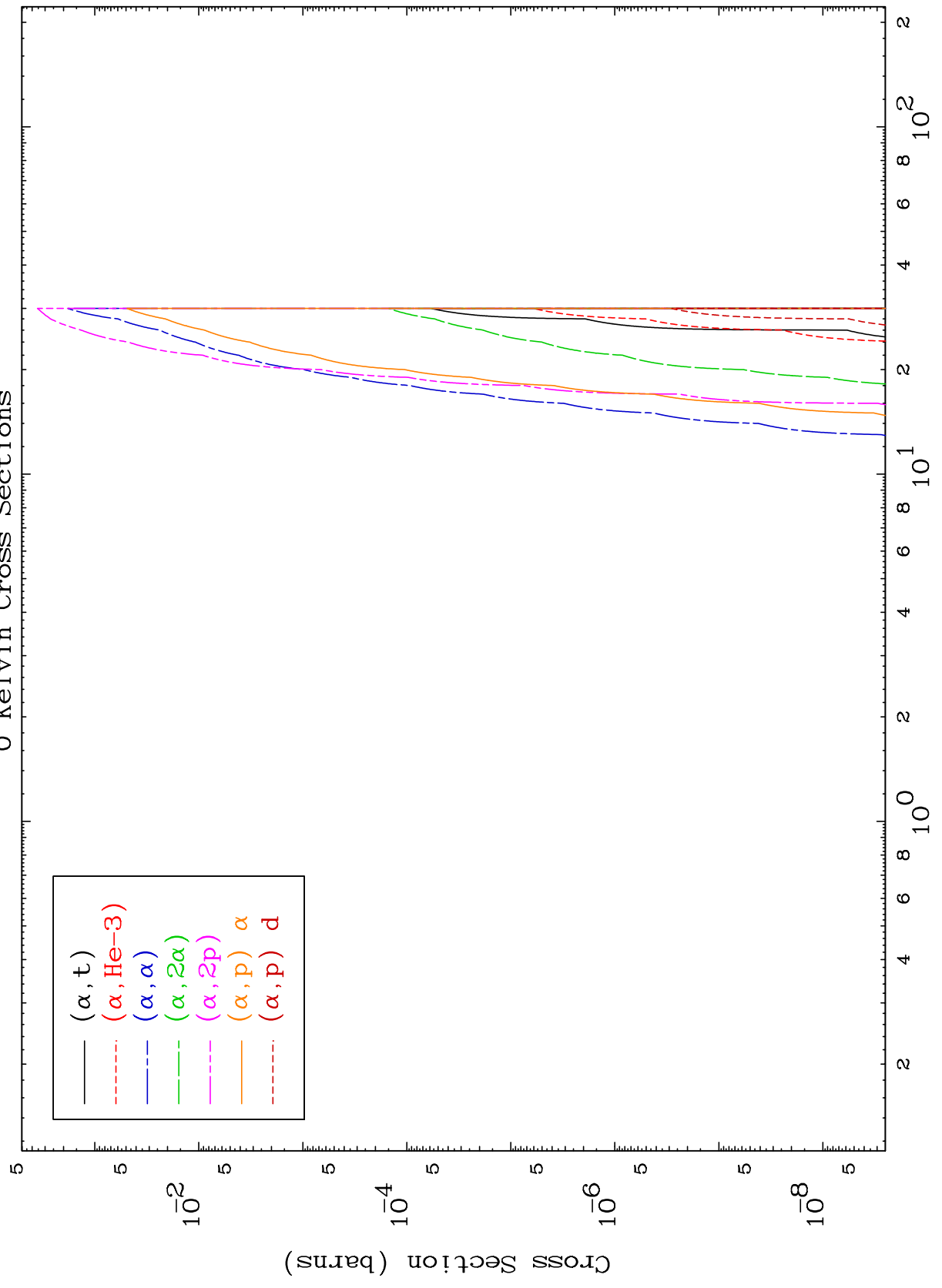


MAT 7472

α Charged Particle

75-Re-167

0 Kelvin Cross Sections



75-Re-167

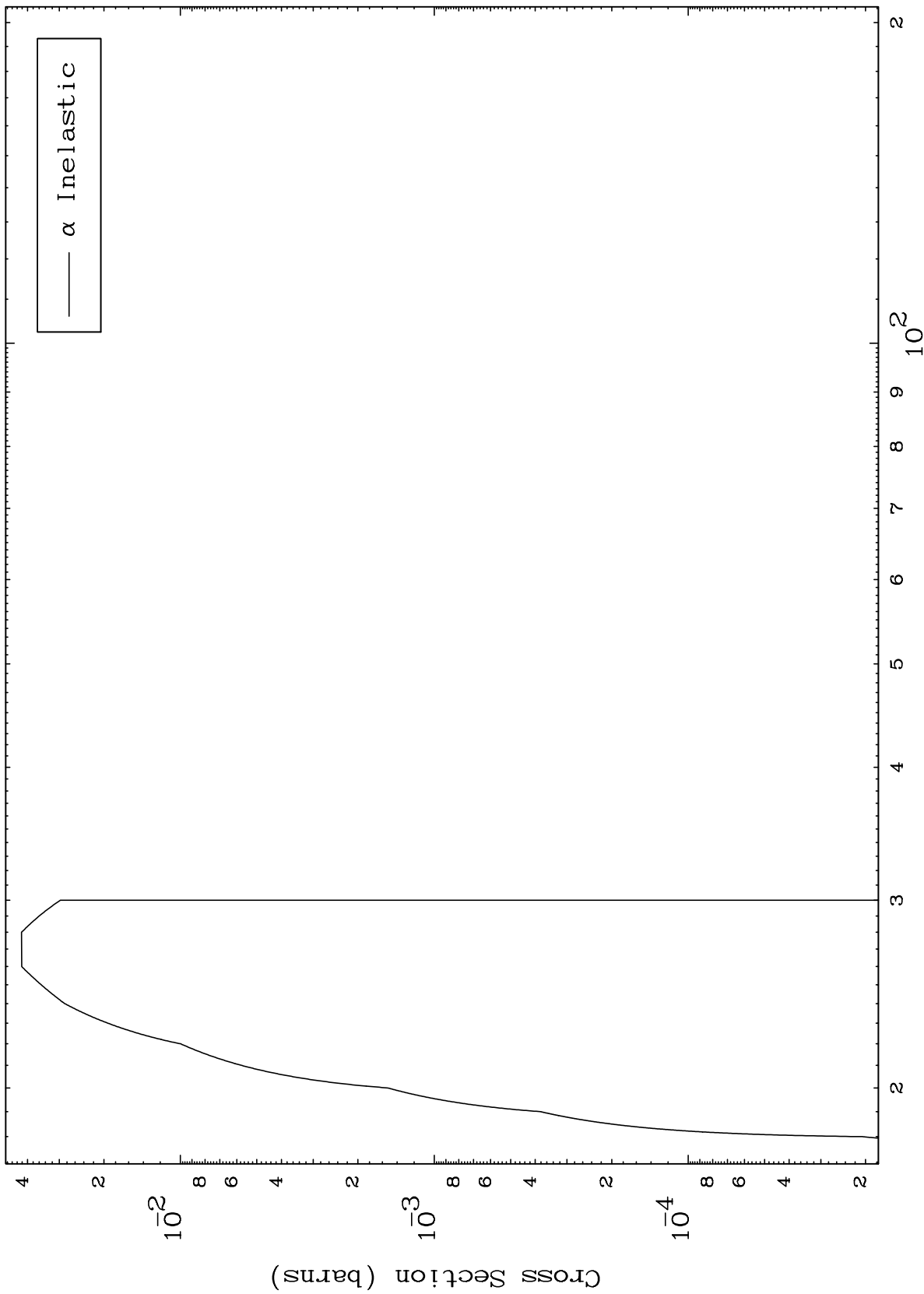
Incident Energy (MeV)

MAT 7472

(α, n') Level

75-Re-167

0 Kelvin Cross Sections



5

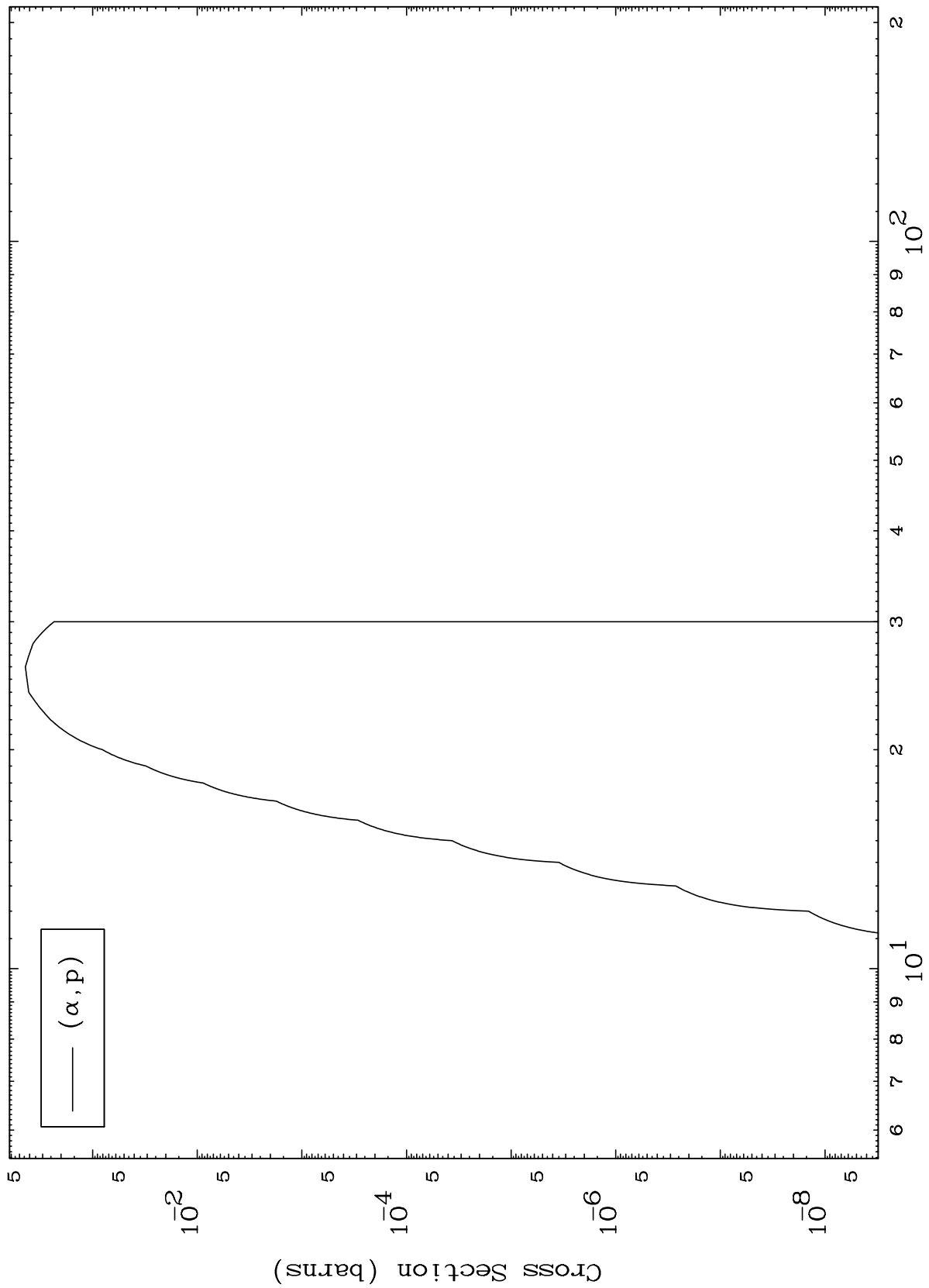
Incident Energy (MeV)

75-Re-167

MAT 7472

75-Re-167

(α, p) Levels
0 Kelvin Cross Sections



6

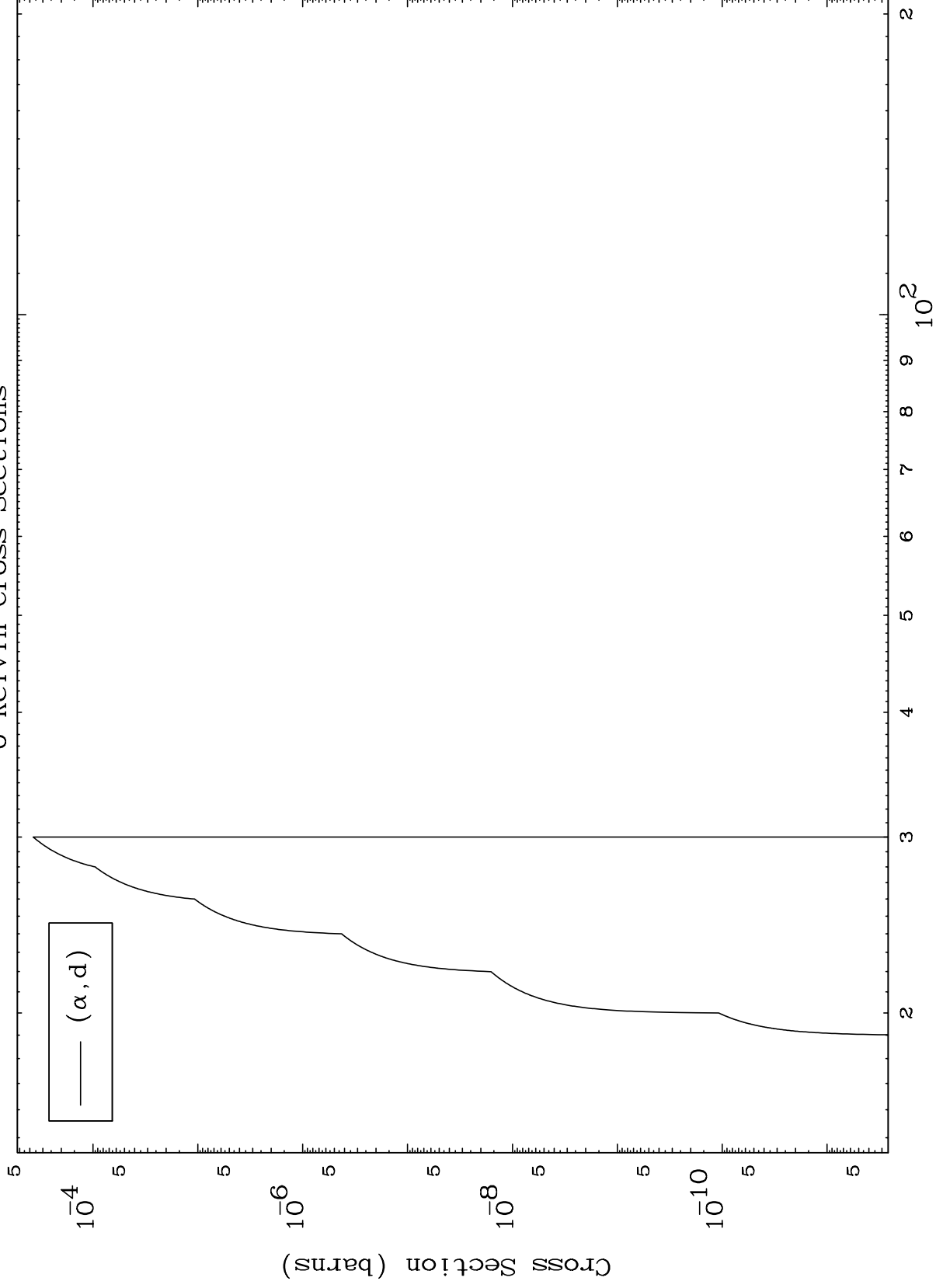
Incident Energy (MeV)

75-Re-167

MAT 7472

(α, d) Levels
0 Kelvin Cross Sections

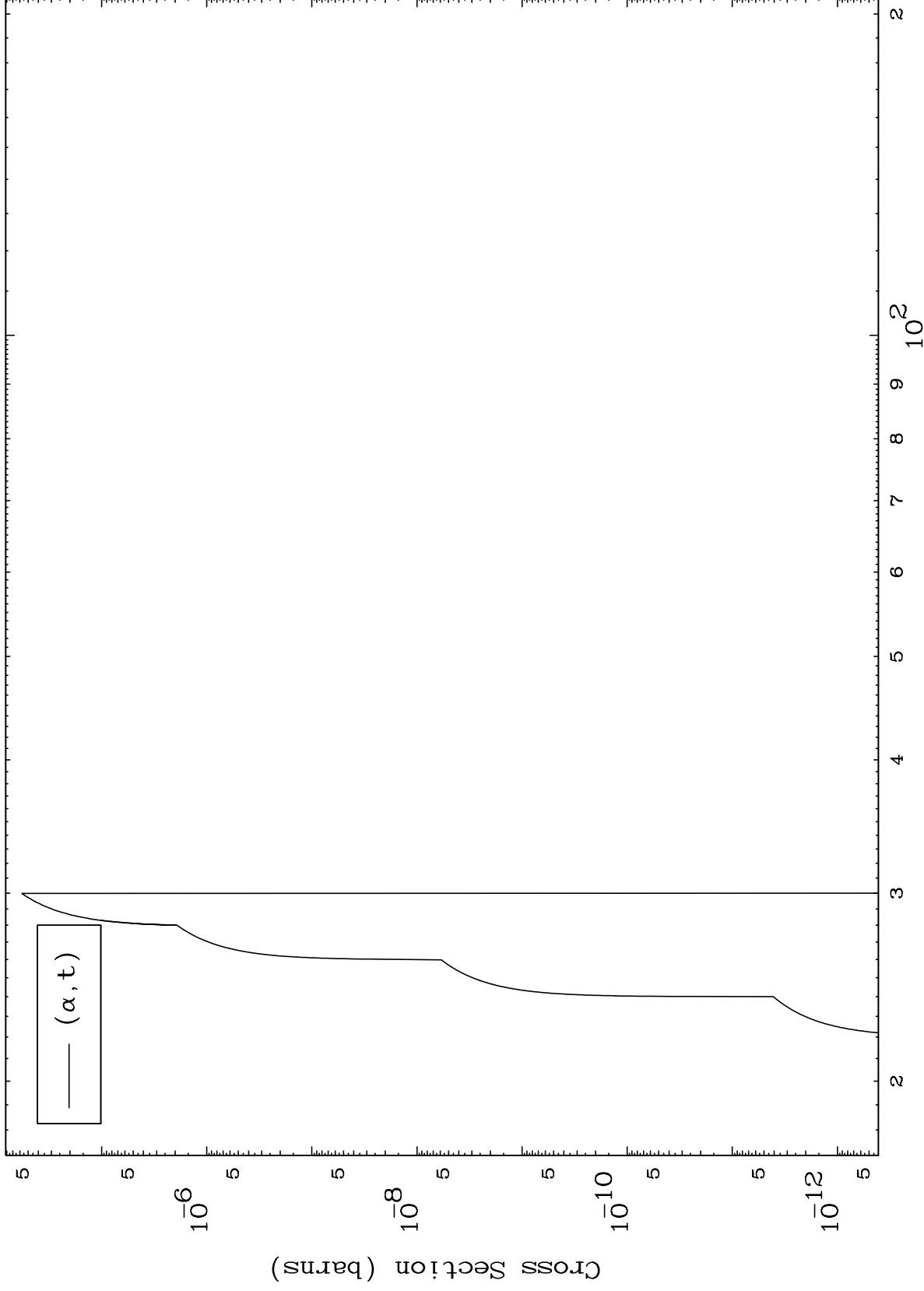
75-Re-167

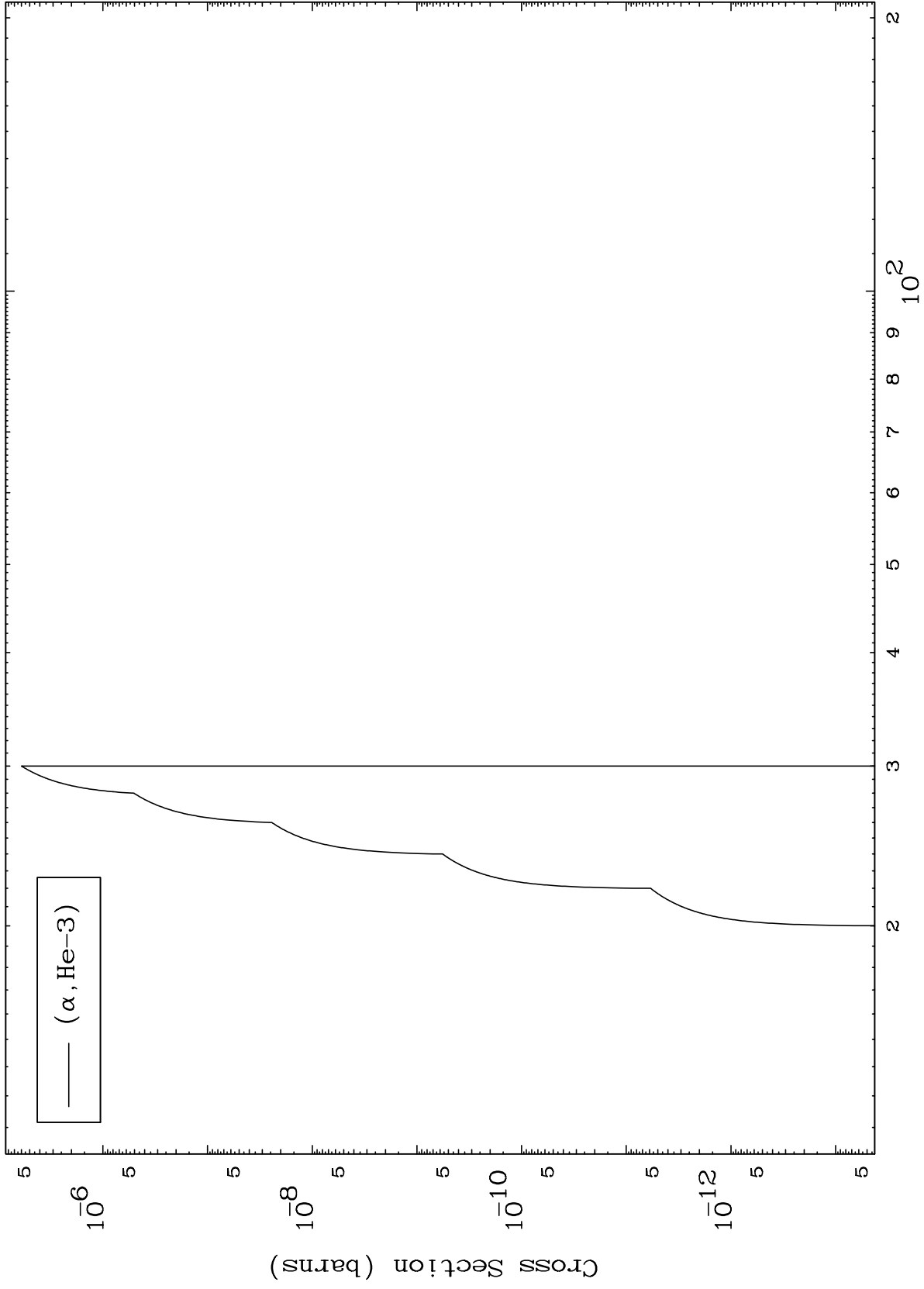


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Incident Energy (MeV)

75-Re-167



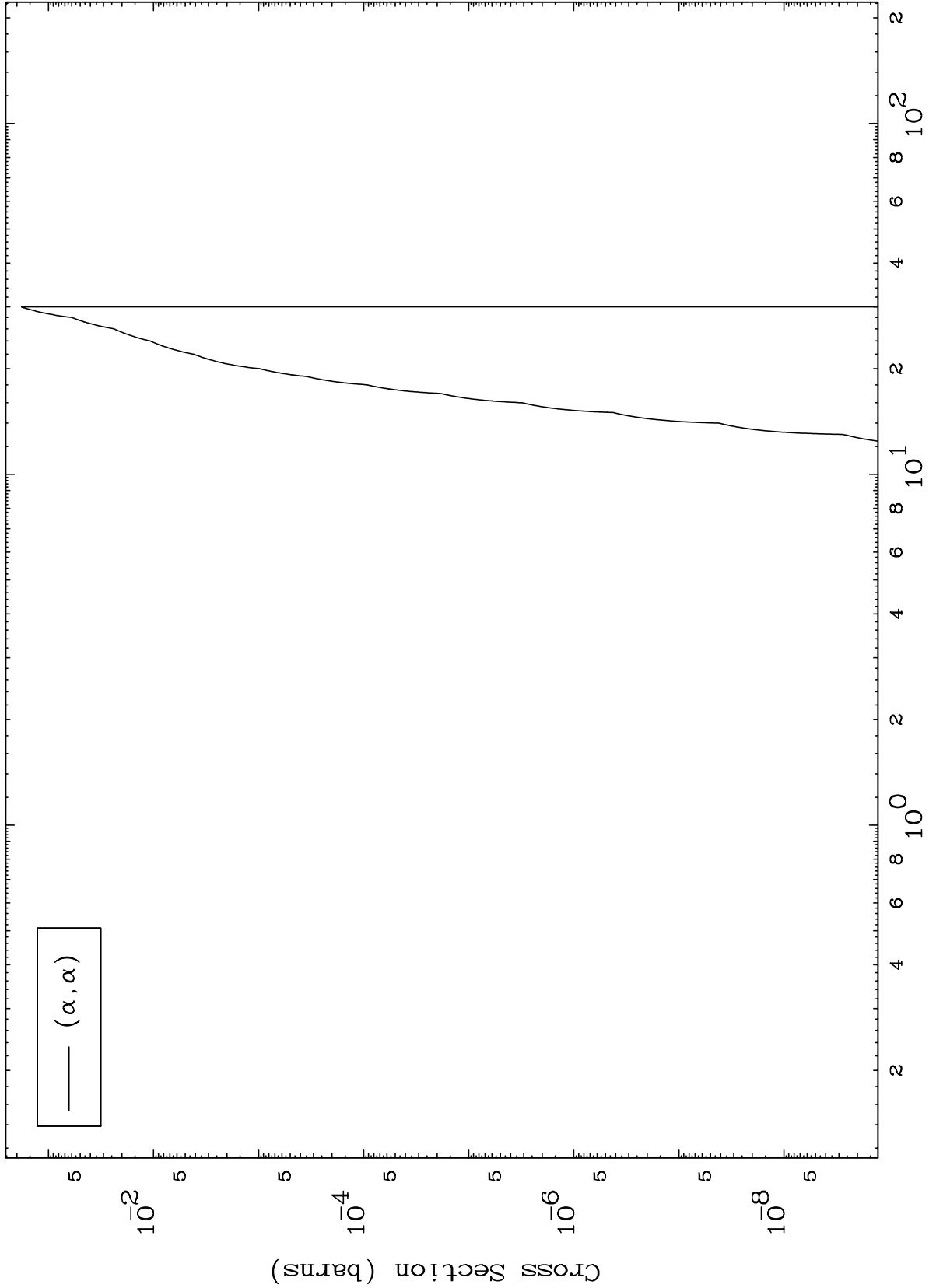


MAT 7472

(α, α) Levels

75-Re-167

0 Kelvin Cross Sections



10

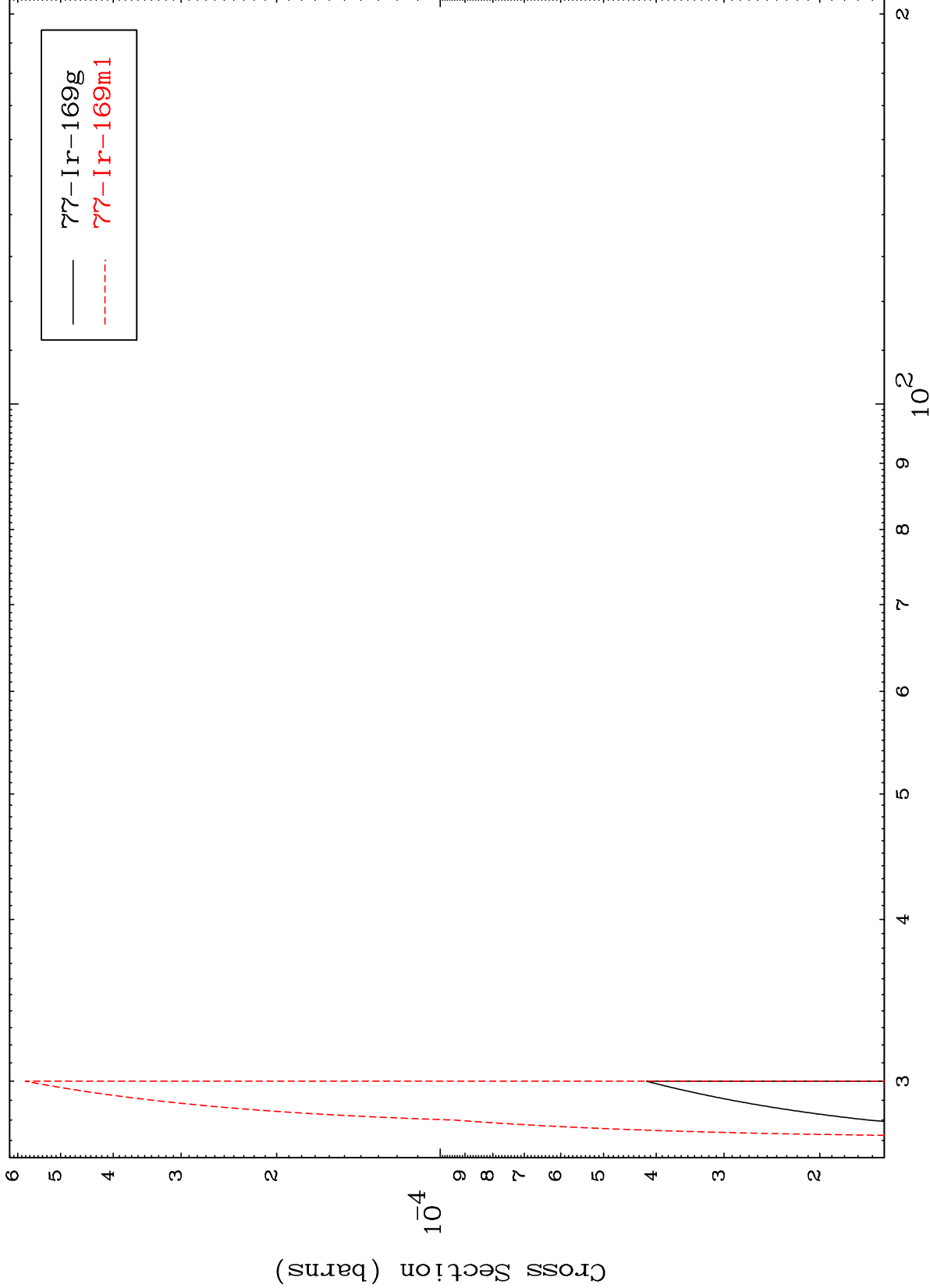
Incident Energy (MeV)

75-Re-167

MAT 7472

75-Re-167

$(\alpha, 2n)$
Radionuclide Production Cross Section



75-Re-167

Incident Energy (MeV)

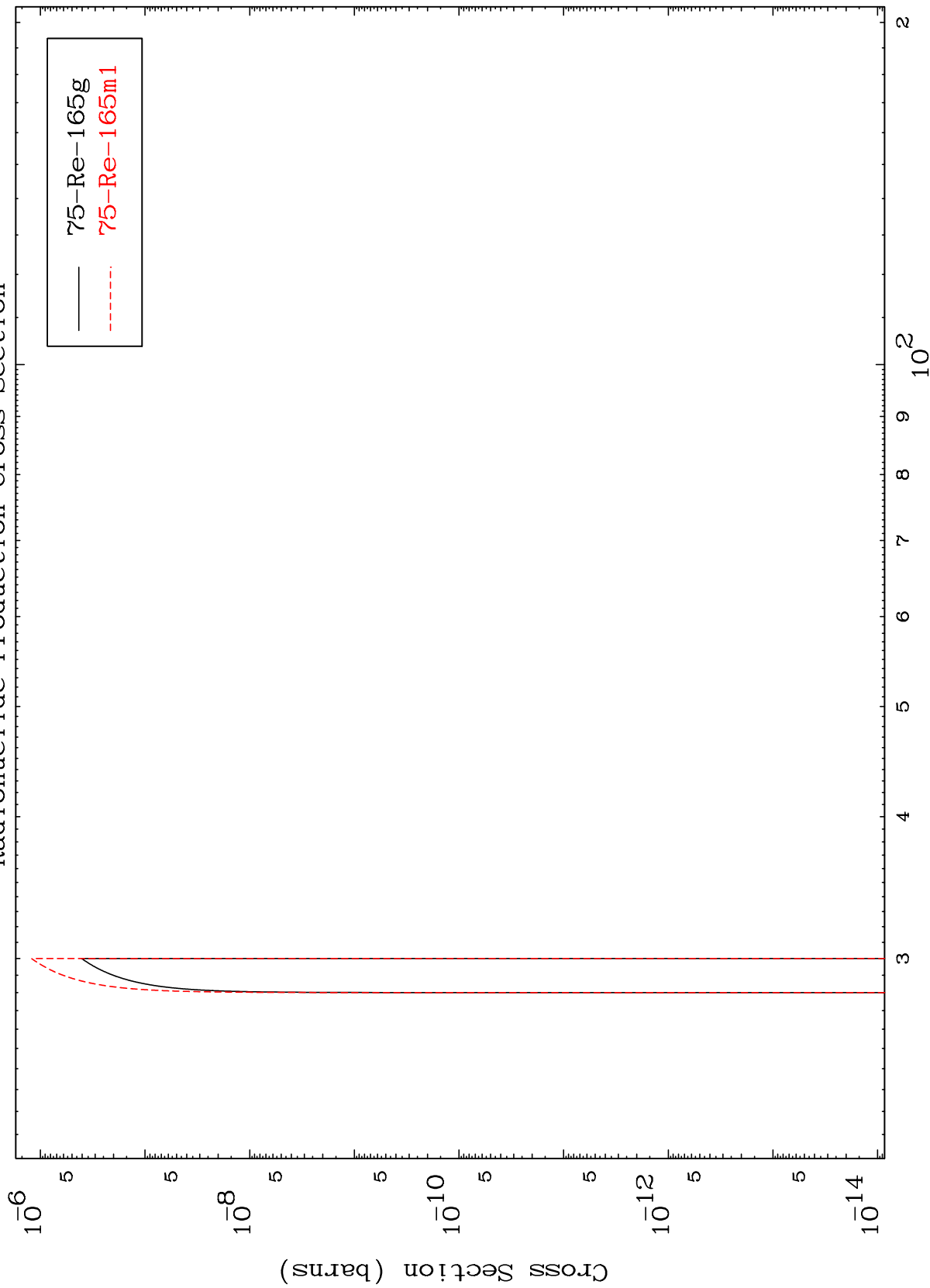
11

MAT 7472

$(\alpha, 2n) \alpha$

⁷⁵Re-¹⁶⁷

Radionuclide Production Cross Section



12

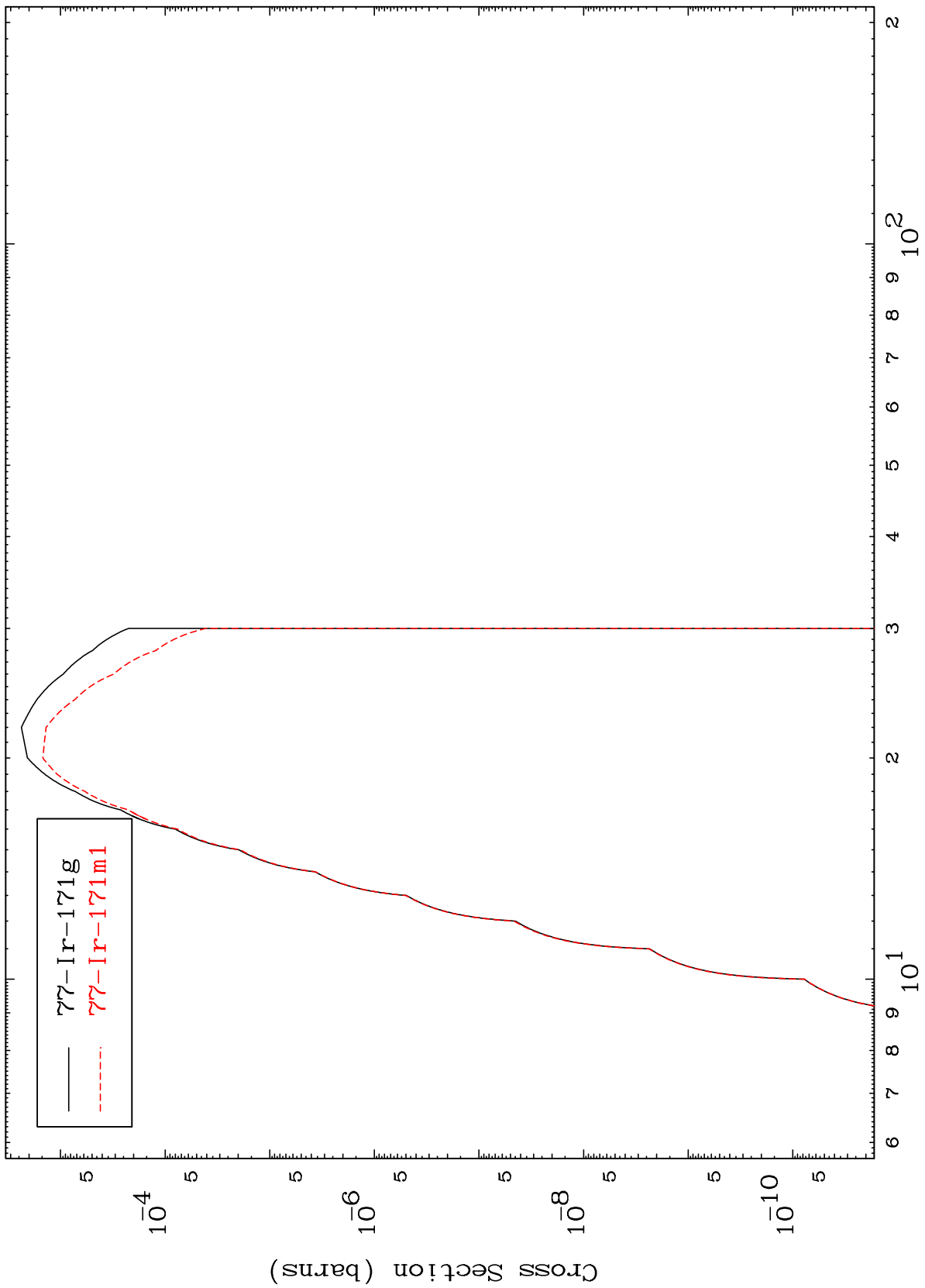
Incident Energy (MeV)

⁷⁵Re-¹⁶⁷

MAT 7472

75-Re-167

(α, γ)
Radionuclide Production Cross Section



13

Incident Energy (MeV)

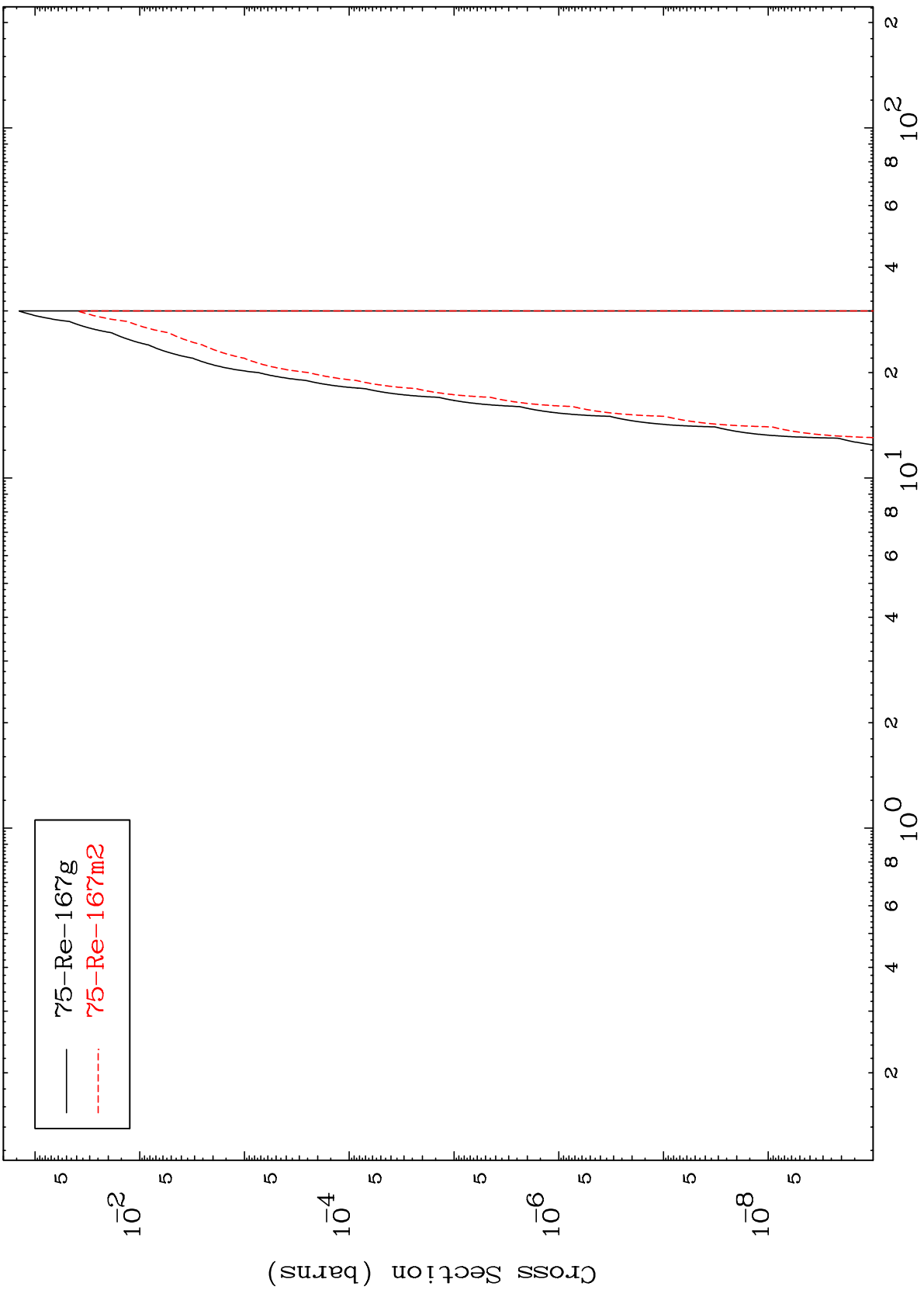
75-Re-167

MAT 7472

(α, α)

75-Re-167

Radionuclide Production Cross Section

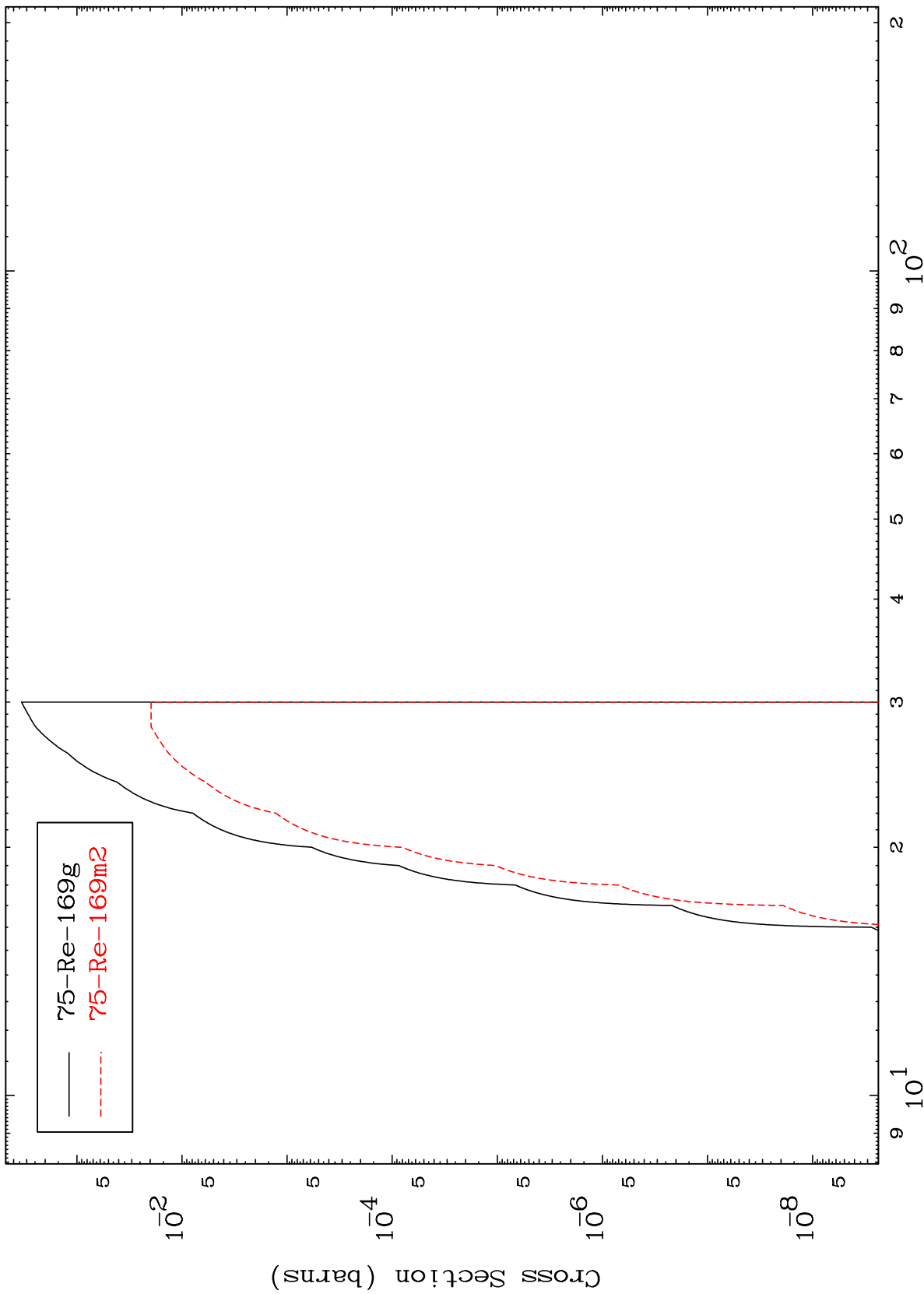


75-Re-167g
75-Re-167m2

MAT 7472

75-Re-167

Radionuclide Production Cross Section
($\alpha, 2p$)



75-Re-167

Incident Energy (MeV)

15