

Program EVALPLOT
(Version 2017-1)

by

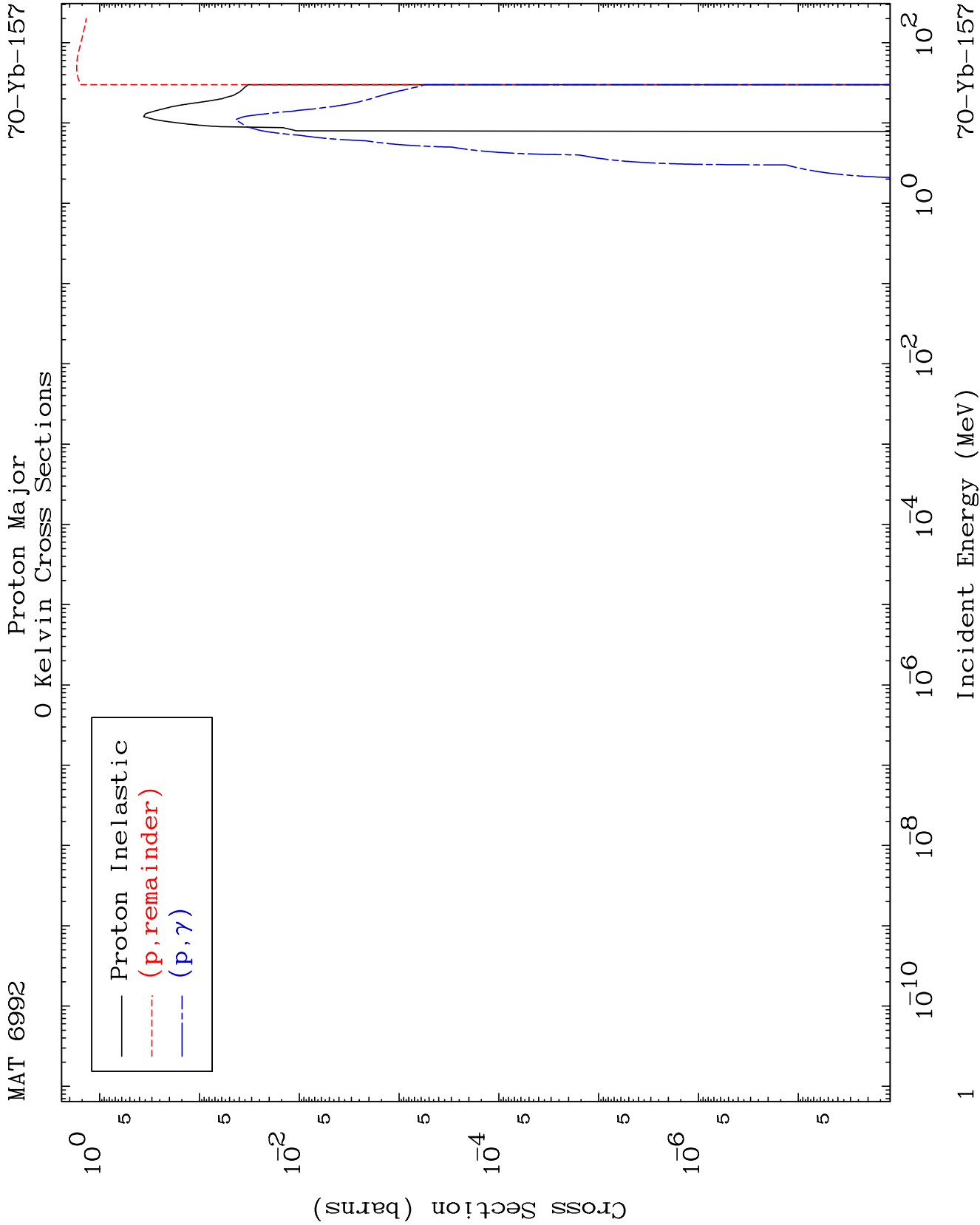
Dermott E. Cullen
(Present Contact Information)

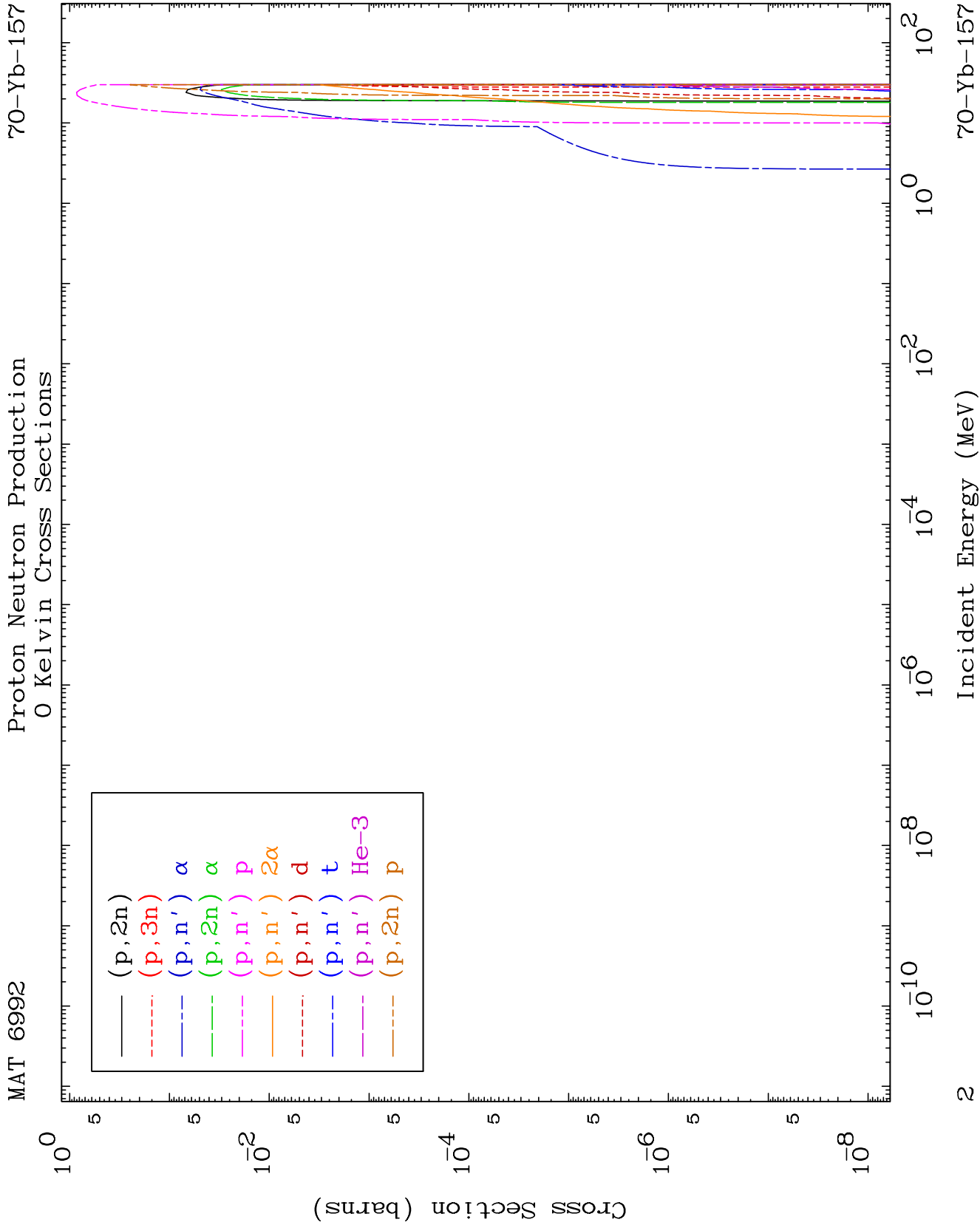
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

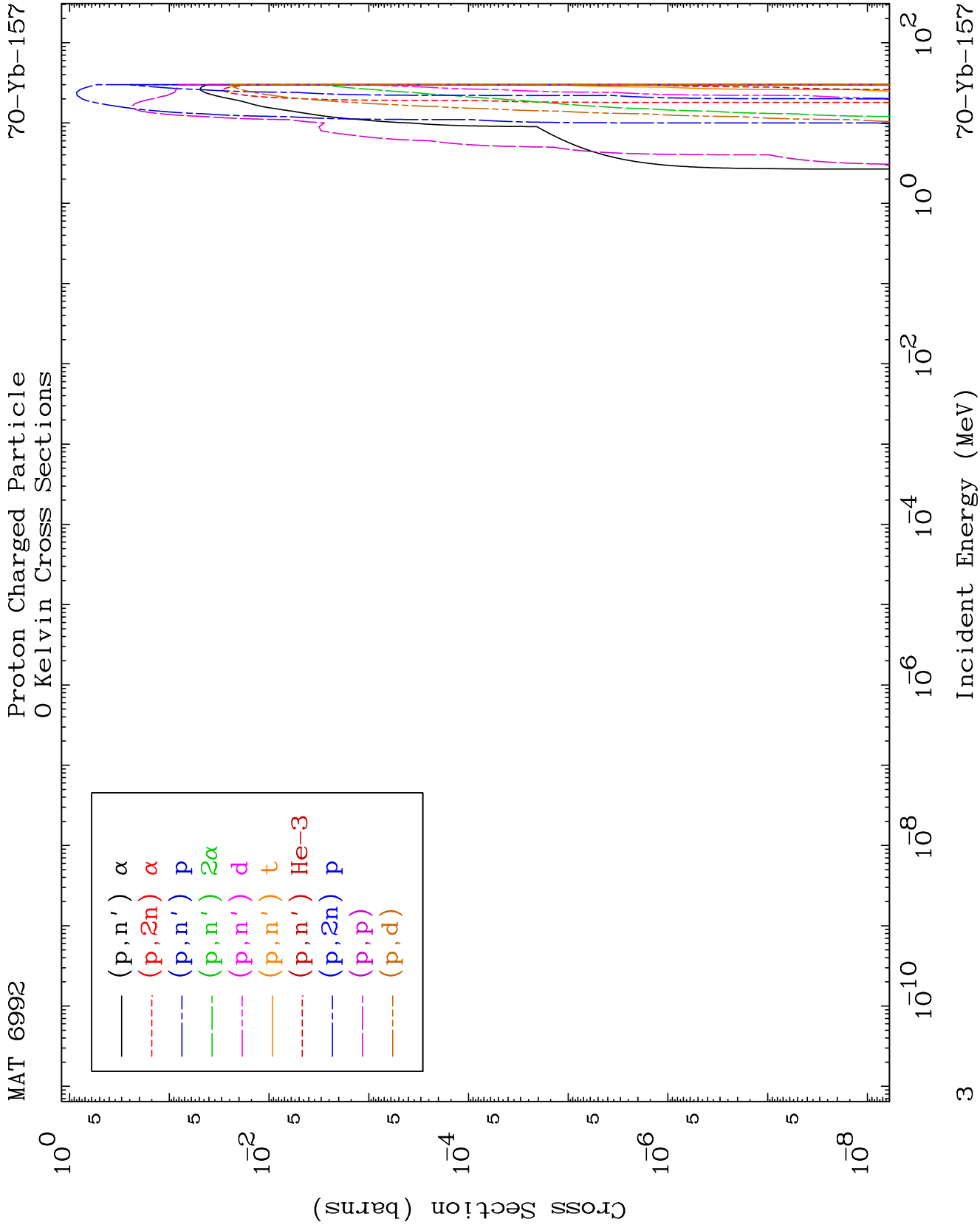
Tele: 925-443-1911

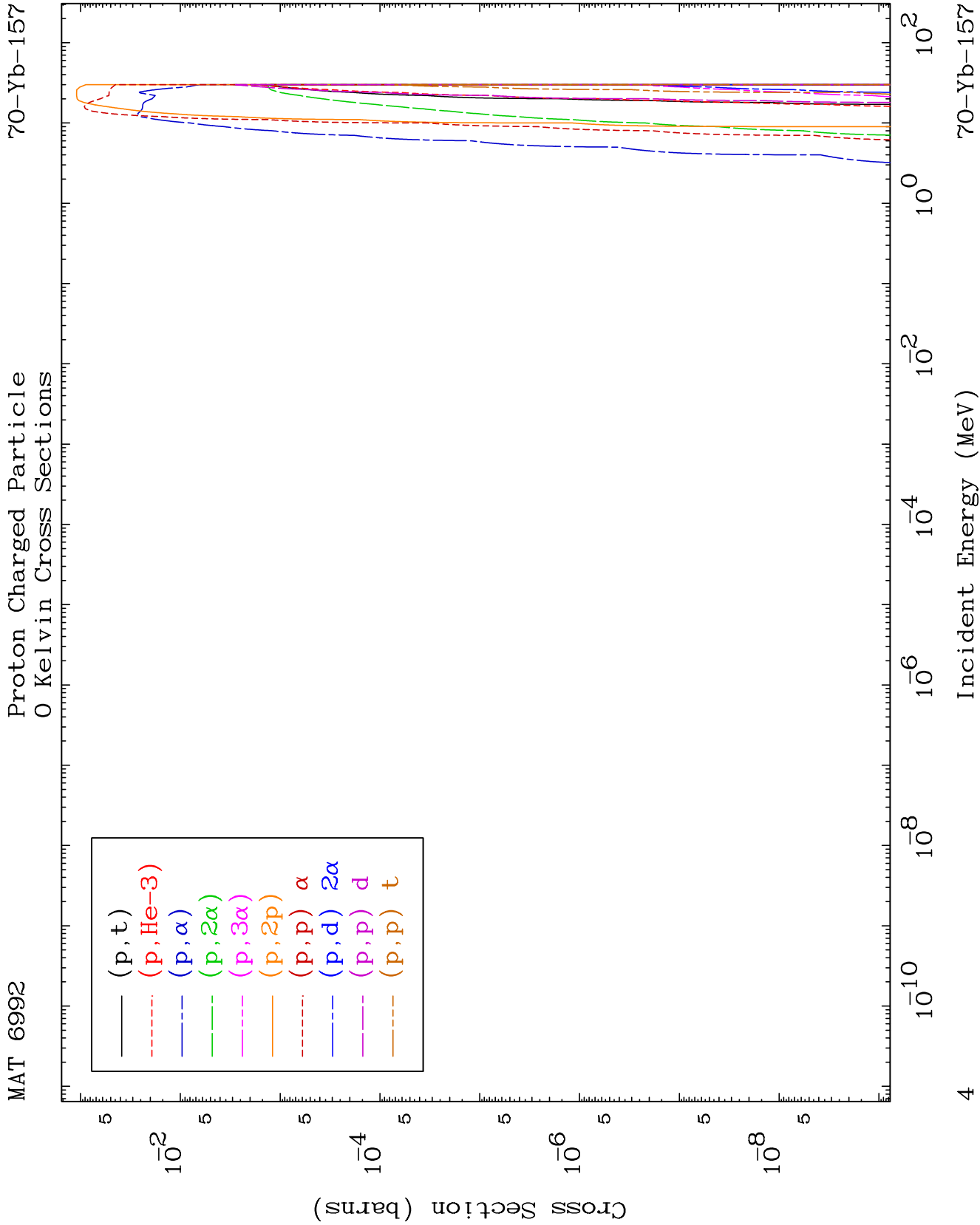
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

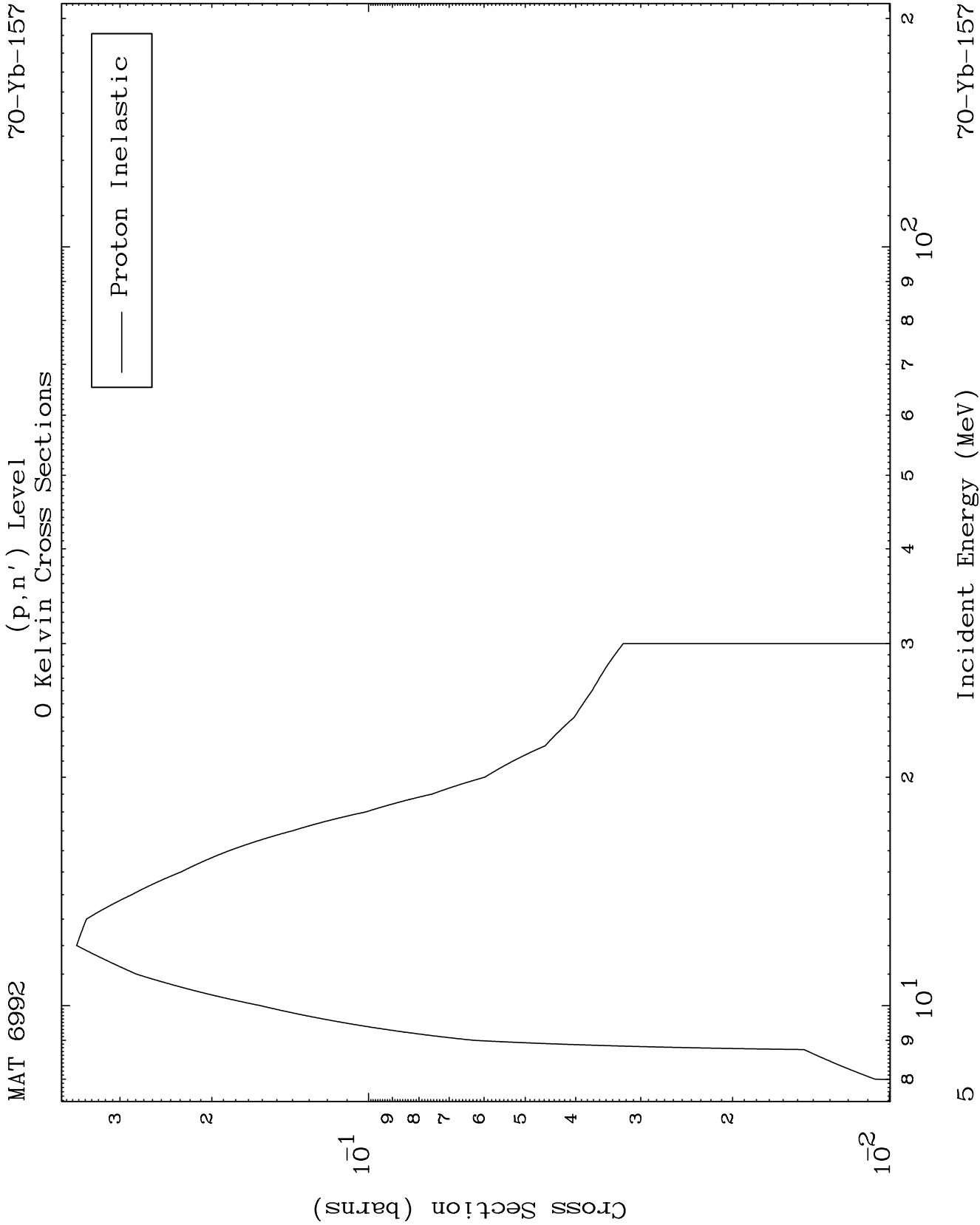
Press Mouse Button to Start







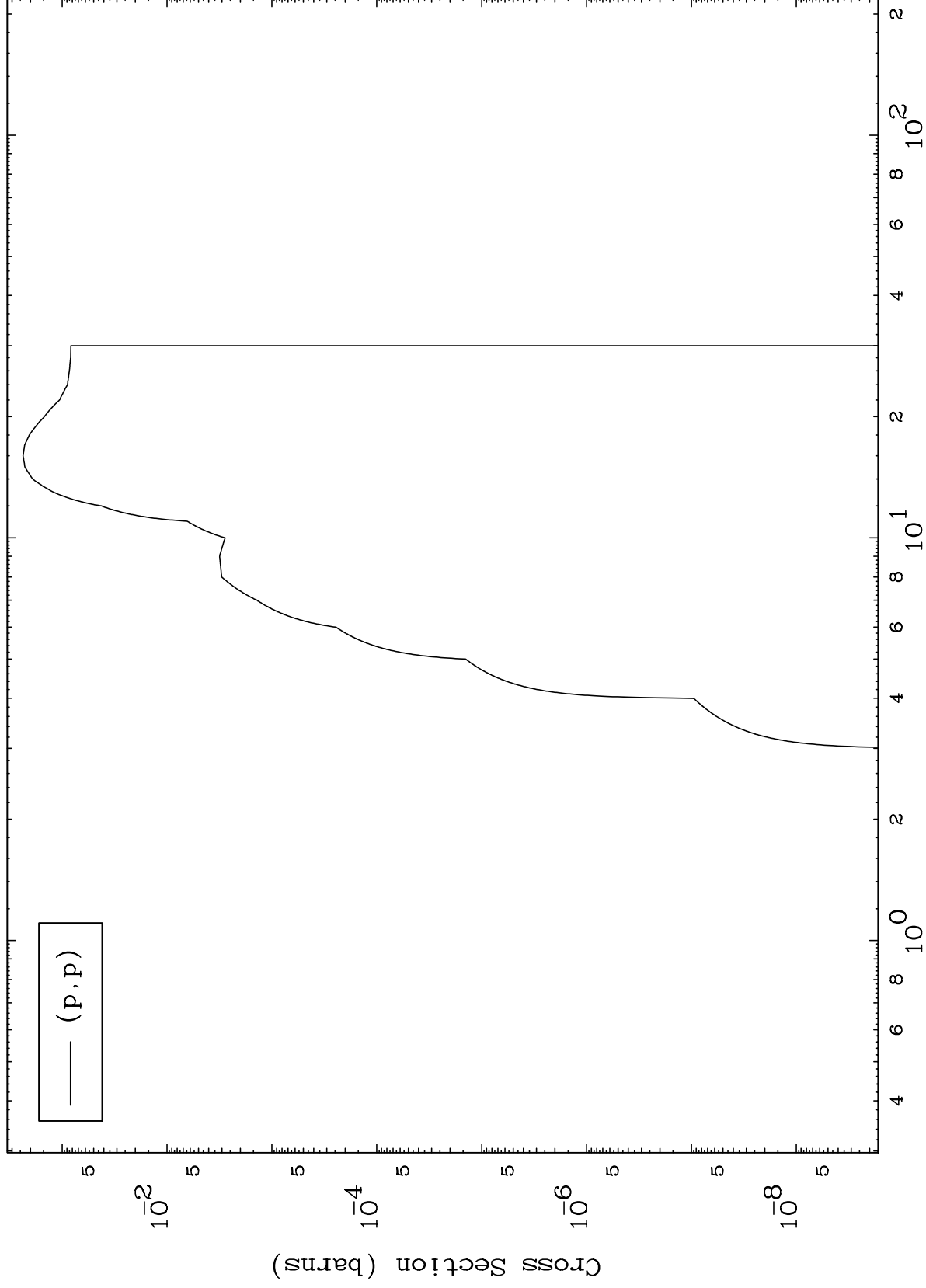




MAT 6992

70-Yb-157

(p,p) Levels
0 Kelvin Cross Sections



70-Yb-157

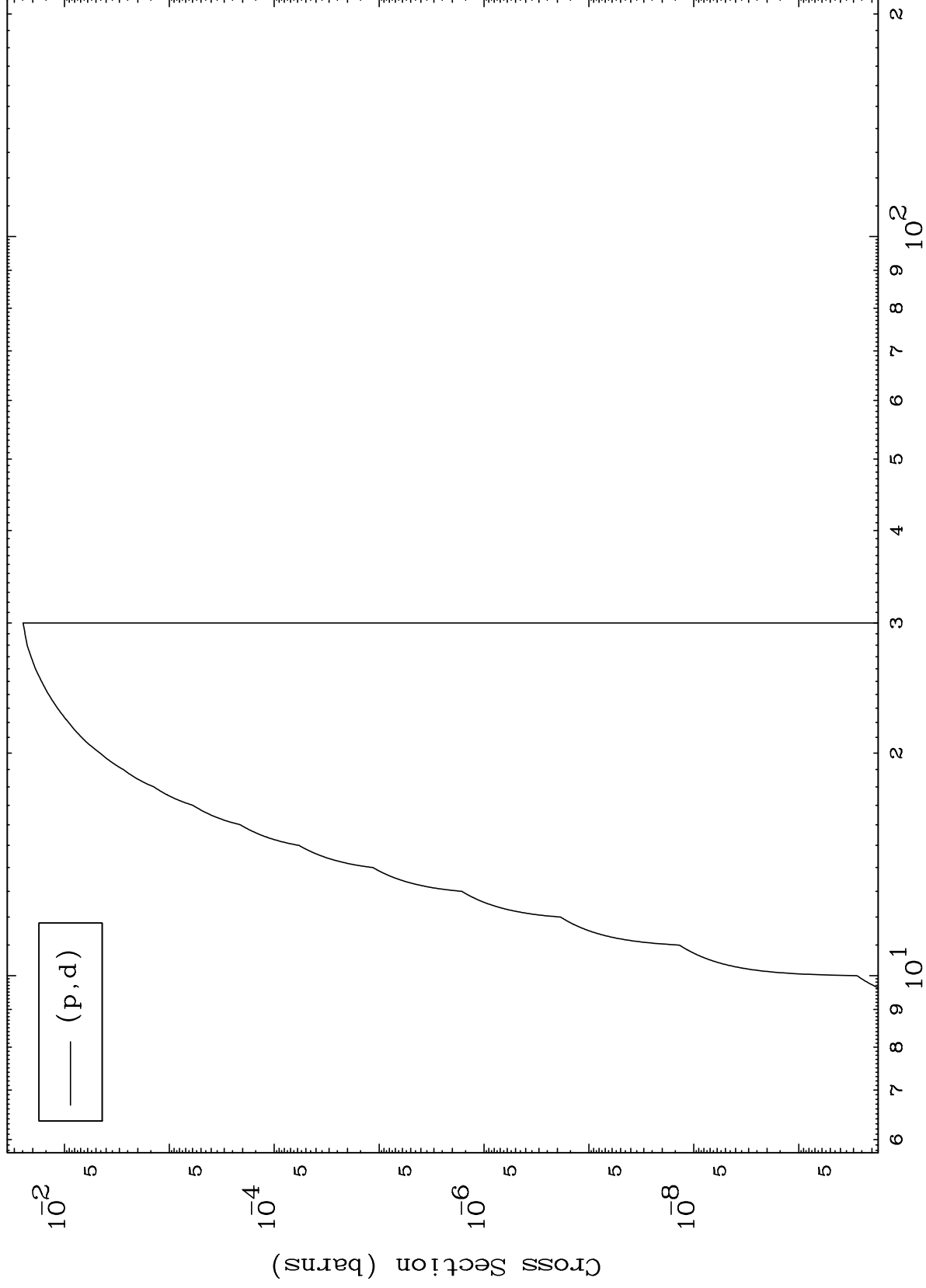
Incident Energy (MeV)

6

MAT 6992

70-Yb-157

(p,d) Levels
0 Kelvin Cross Sections

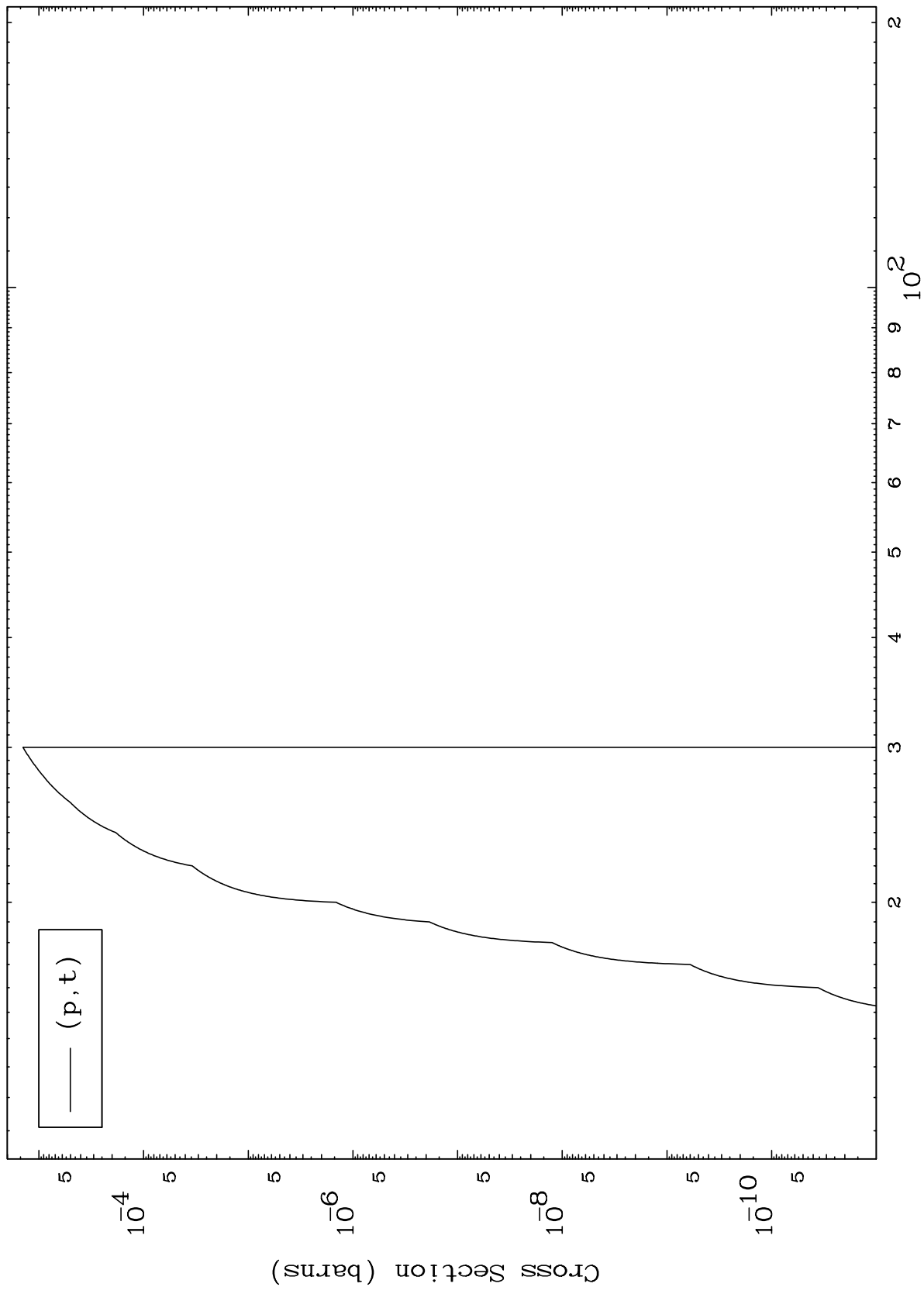


70-Yb-157

Incident Energy (MeV)

7

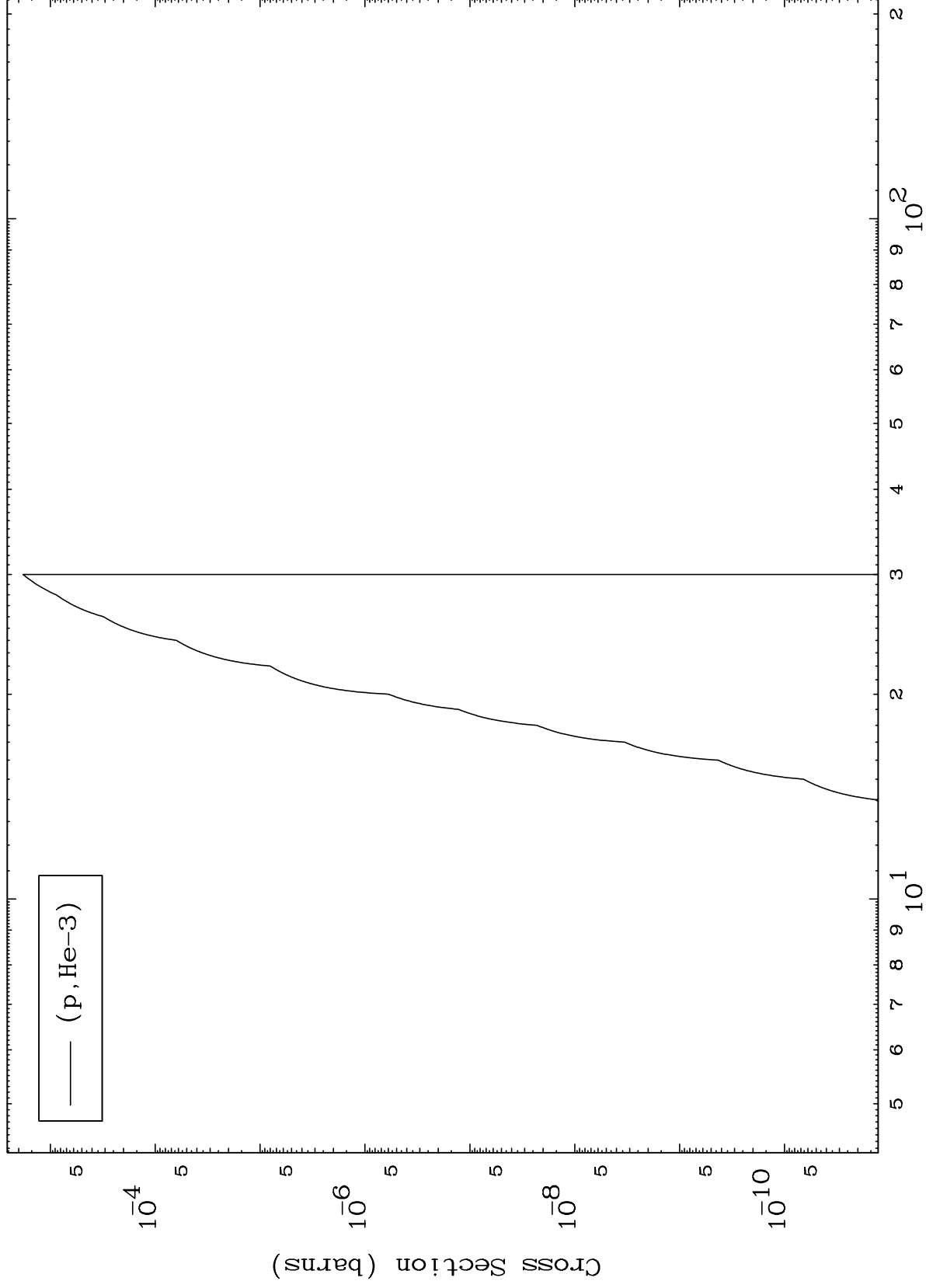
(p,t) Levels
0 Kelvin Cross Sections



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70-Yb-157

(p,He3) Levels
0 Kelvin Cross Sections



9

Incident Energy (MeV)

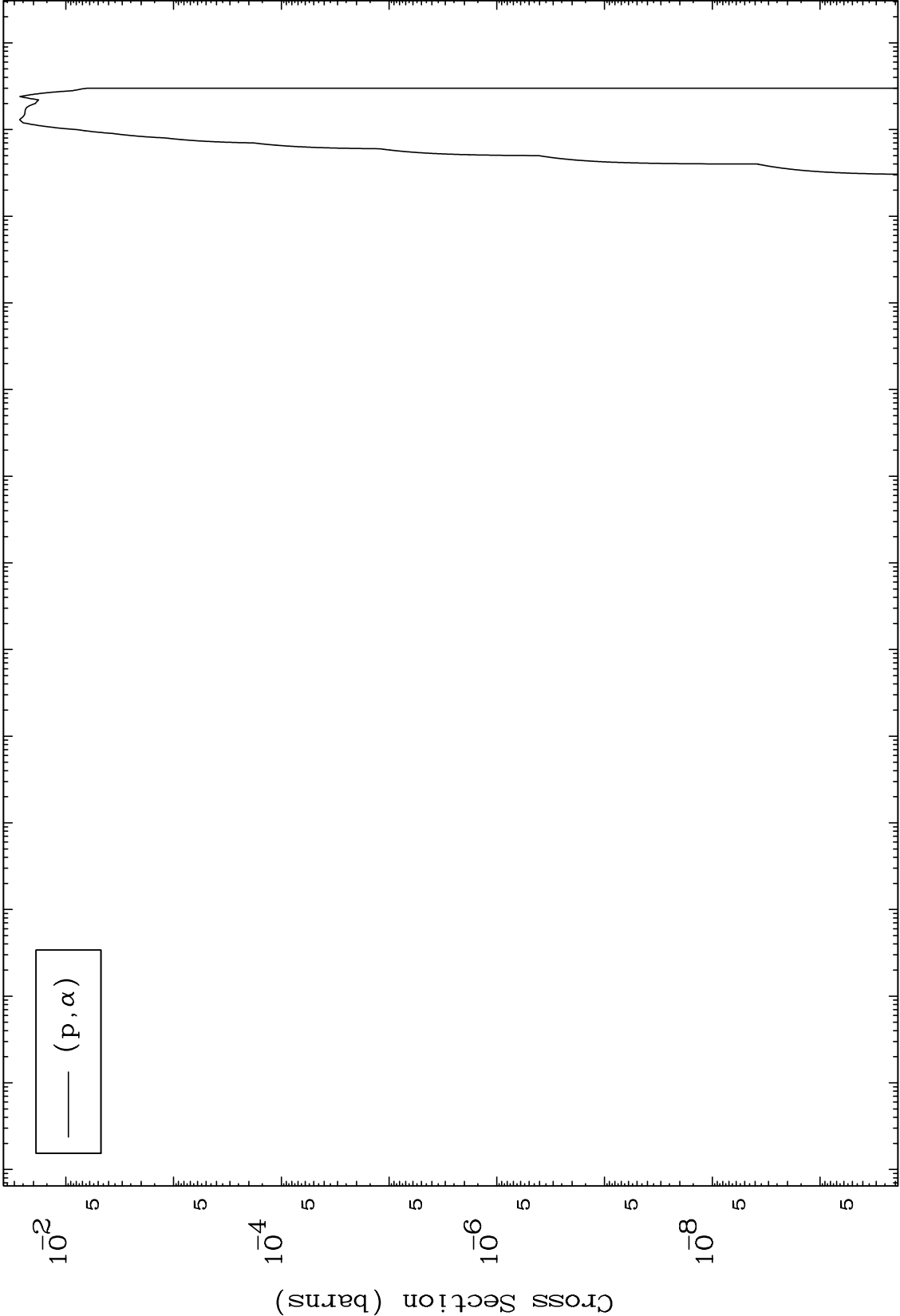
70-Yb-157

MAT 6992

(p, α) Levels

70-Yb-157

0 Kelvin Cross Sections

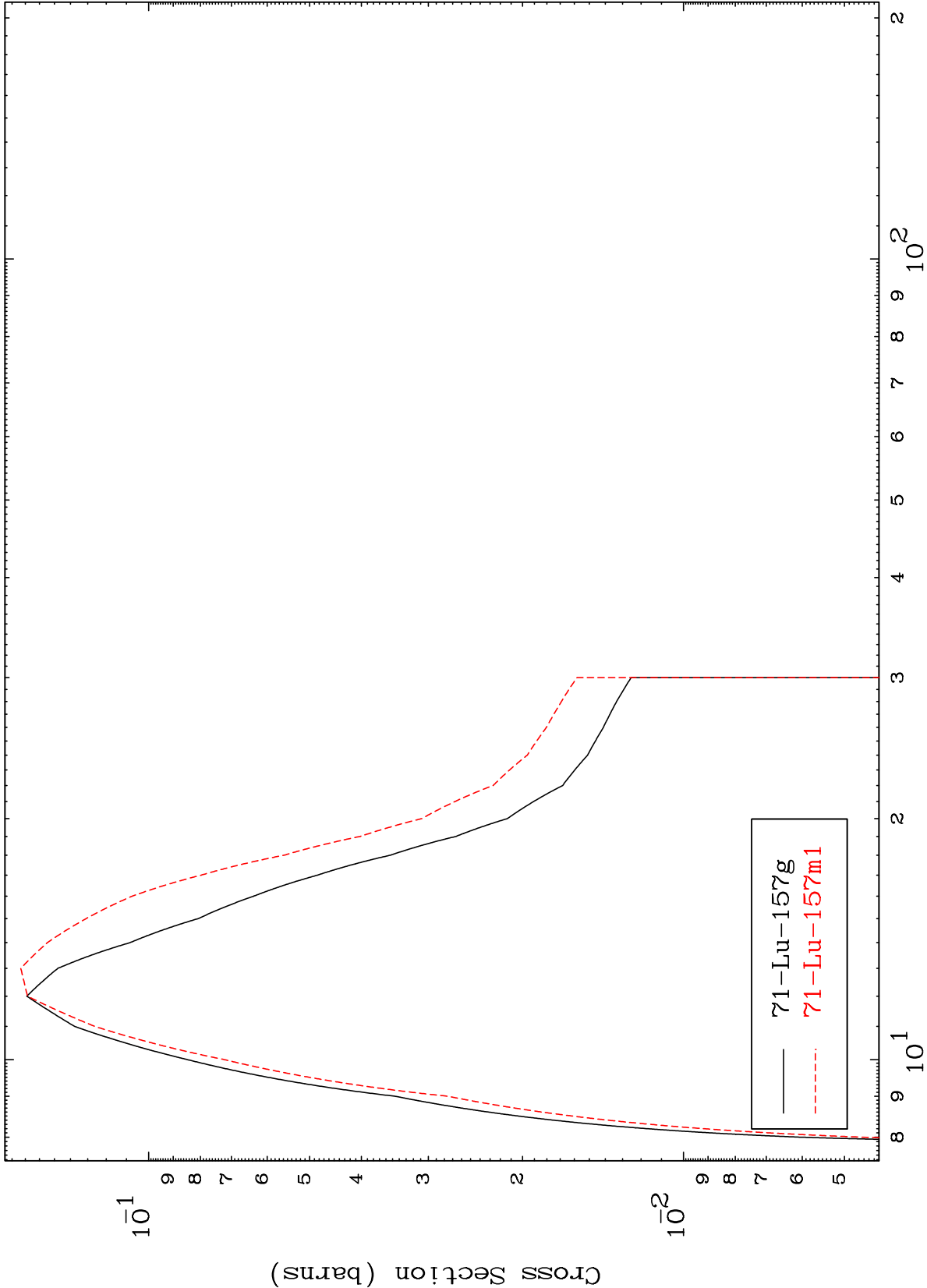


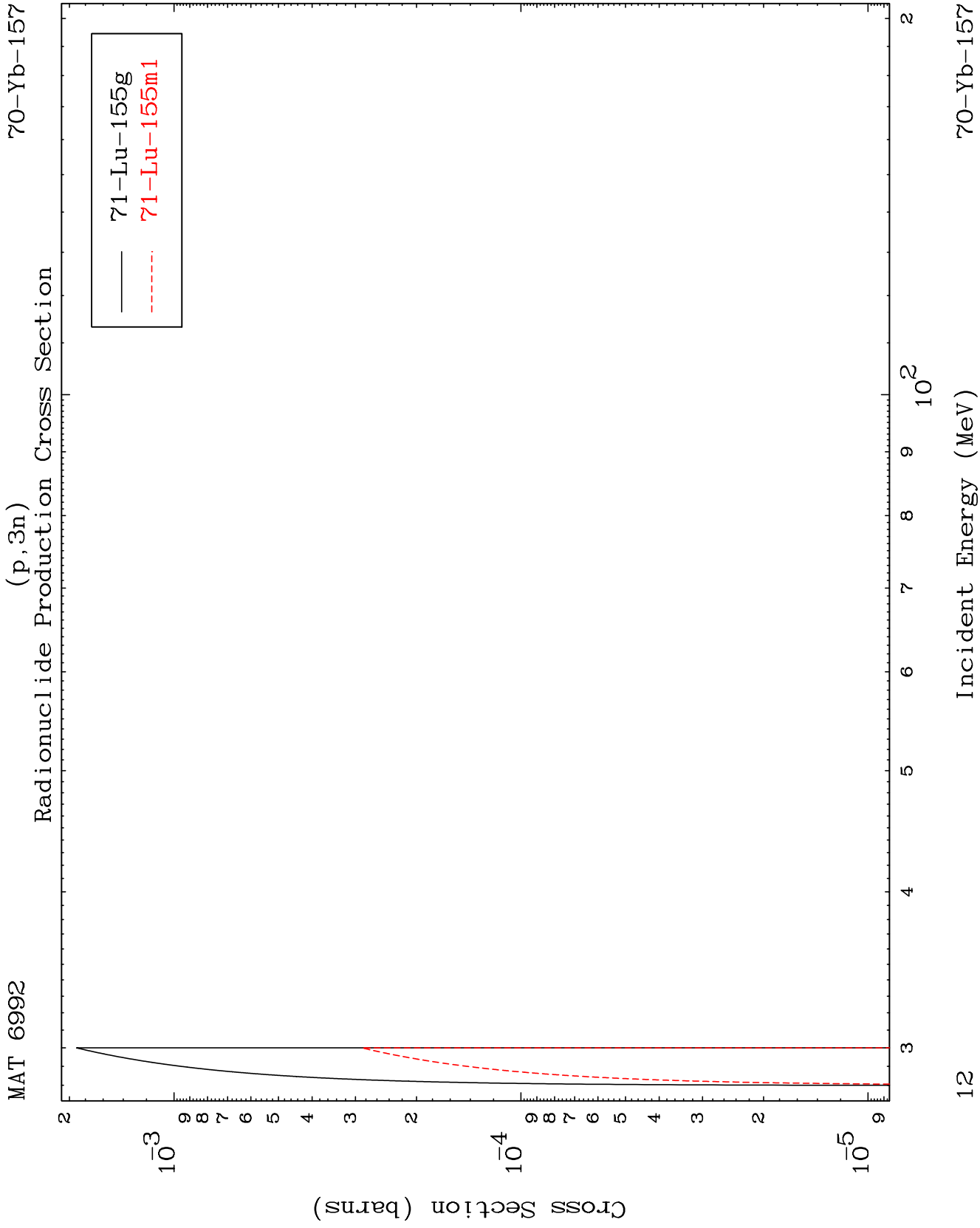
10

Incident Energy (MeV)

70-Yb-157

Proton Inelastic
Radionuclide Production Cross Section



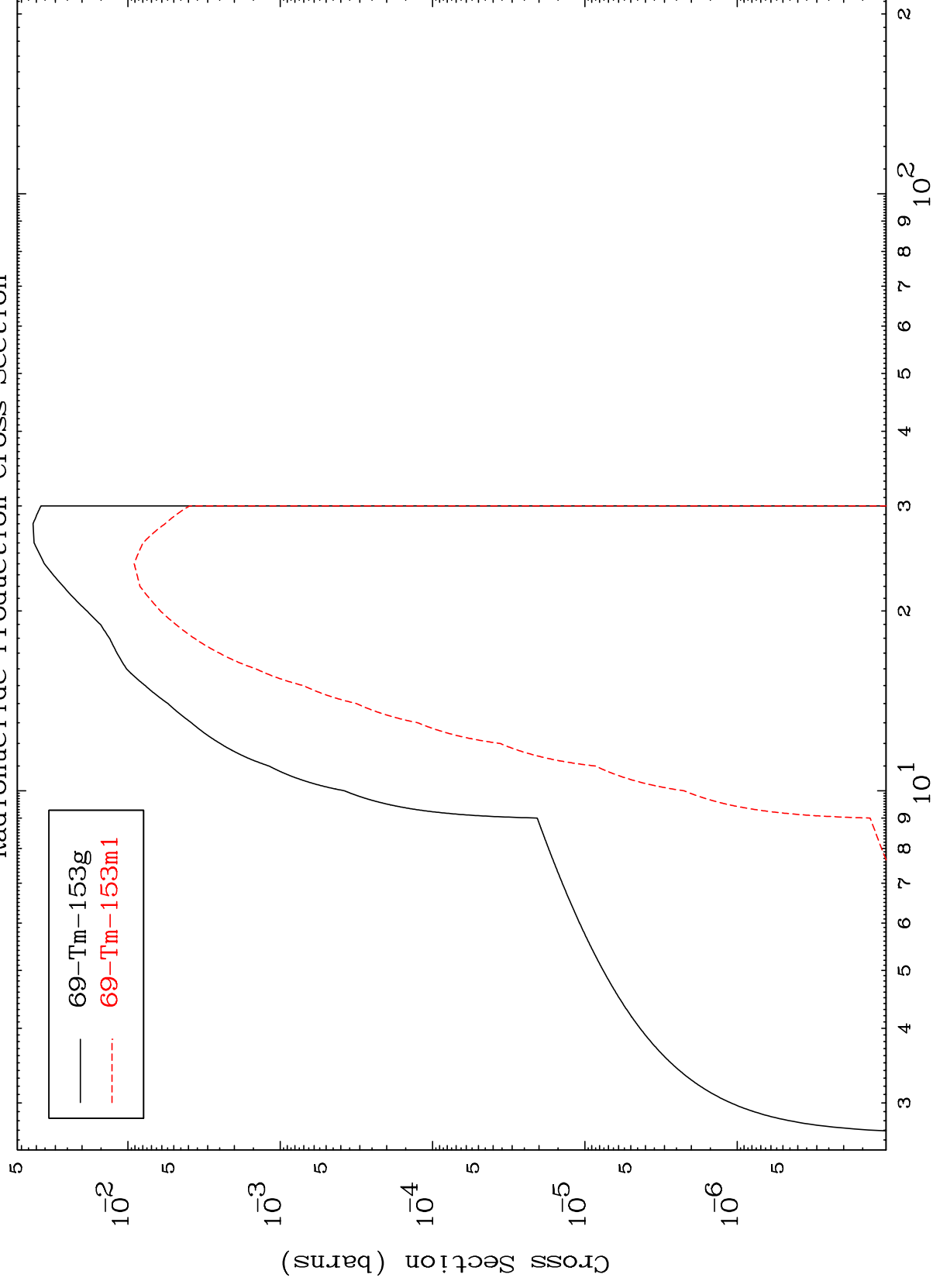


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70-Yb-157

$$(p, n') \propto$$

Radionuclide Production Cross Section

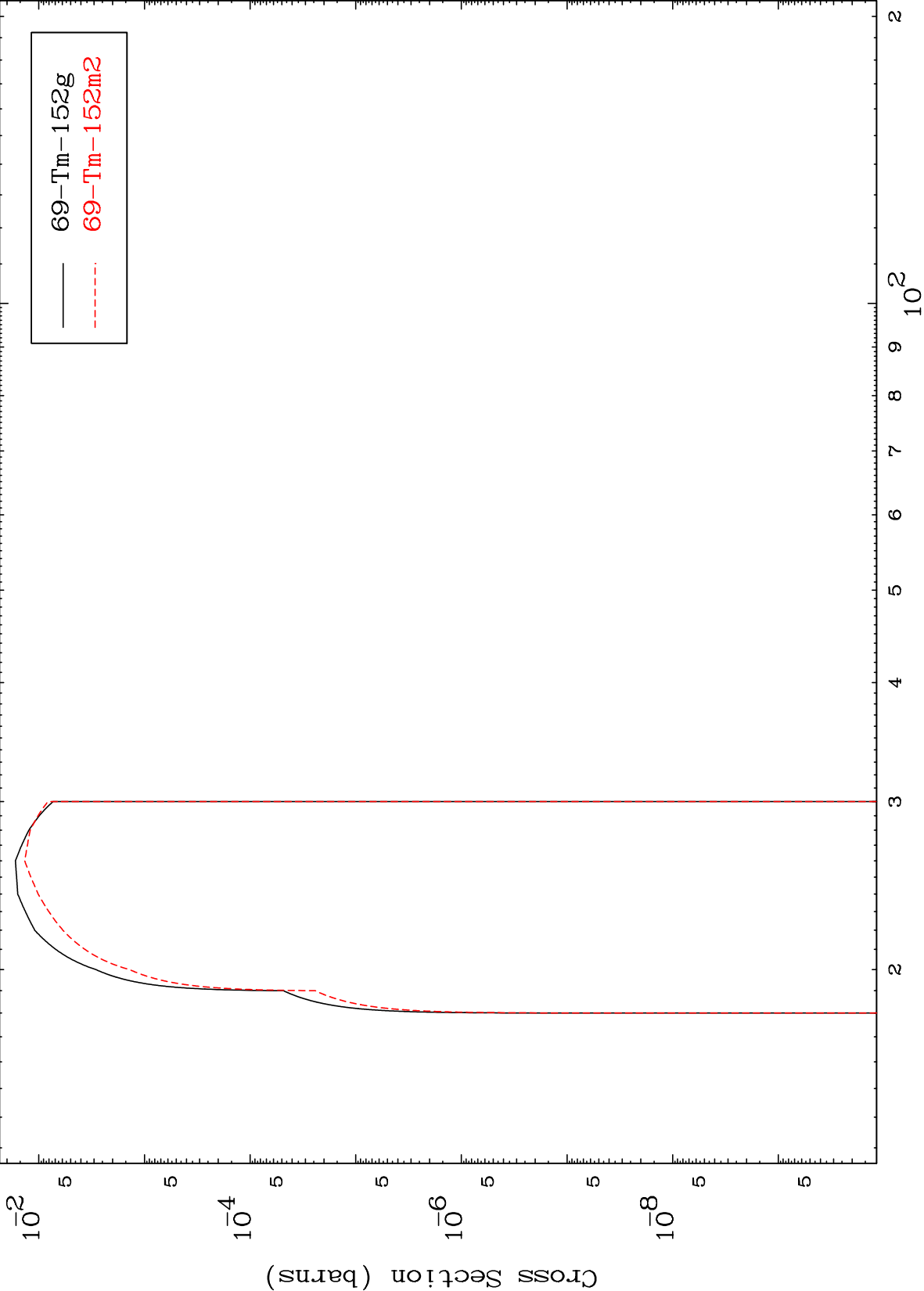


13

Incident Energy (MeV)

70-Yb-157

(p,2n) α
Radionuclide Production Cross Section

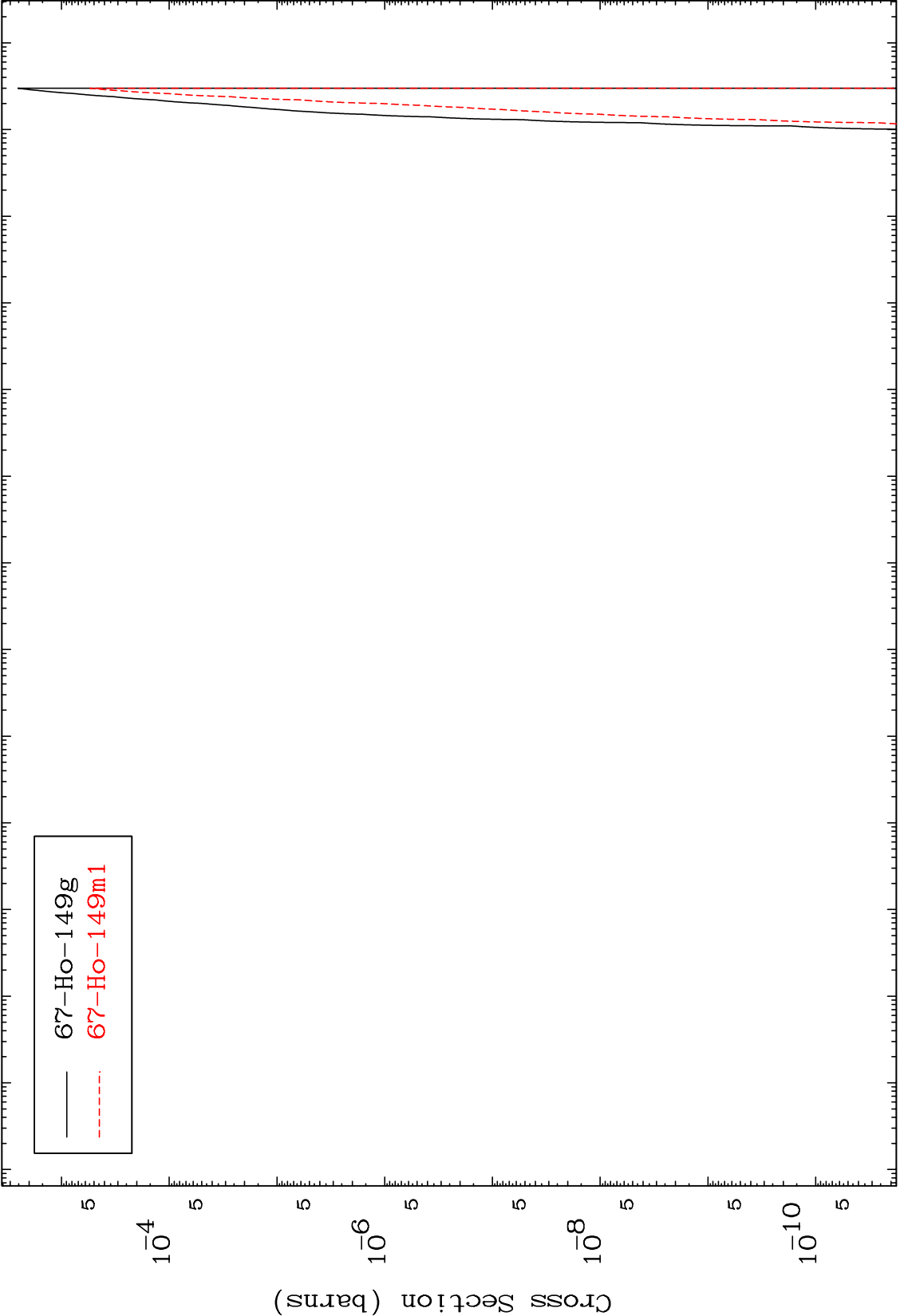


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(p,n') 2 α

70-Yb-157

Radionuclide Production Cross Section



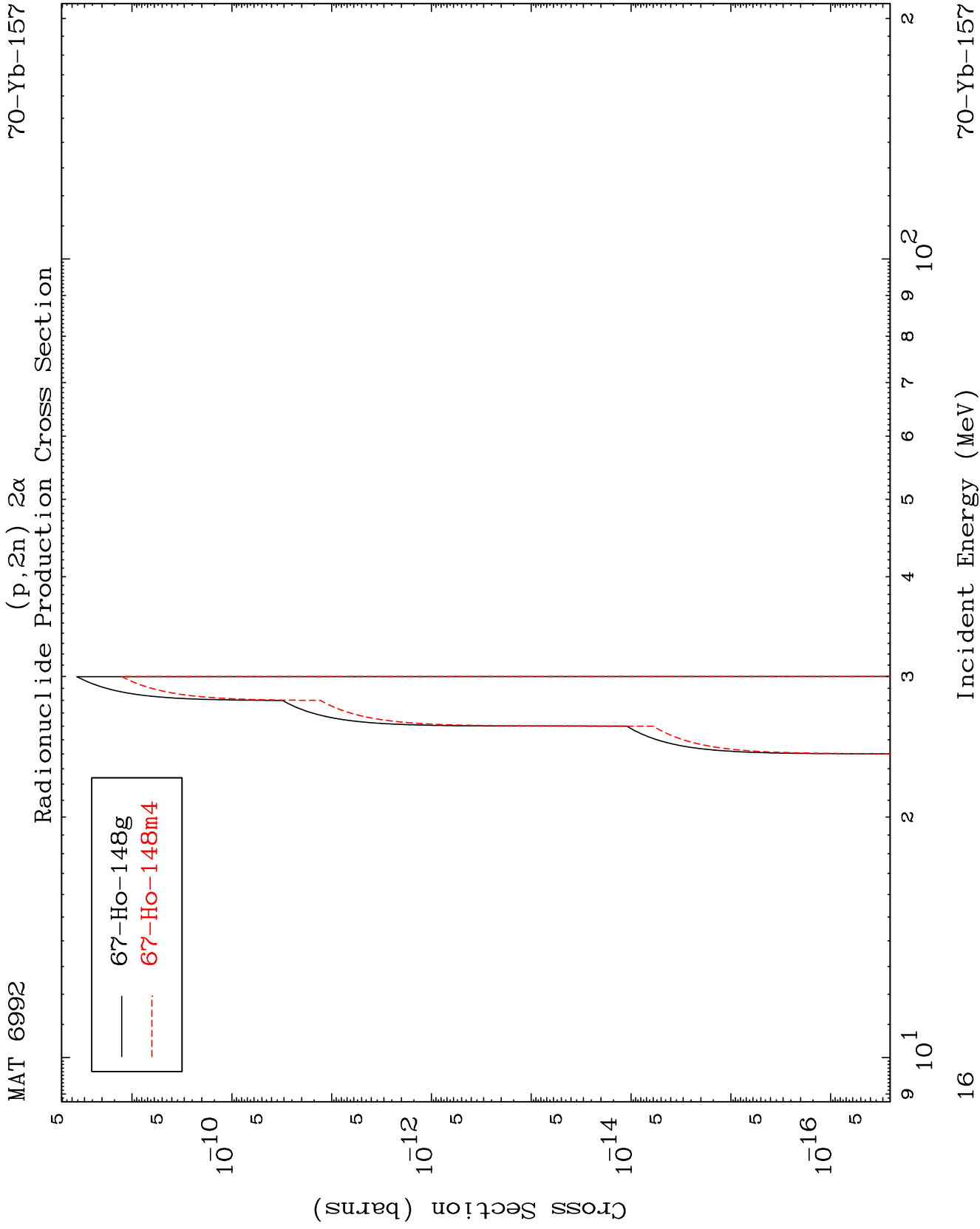
15

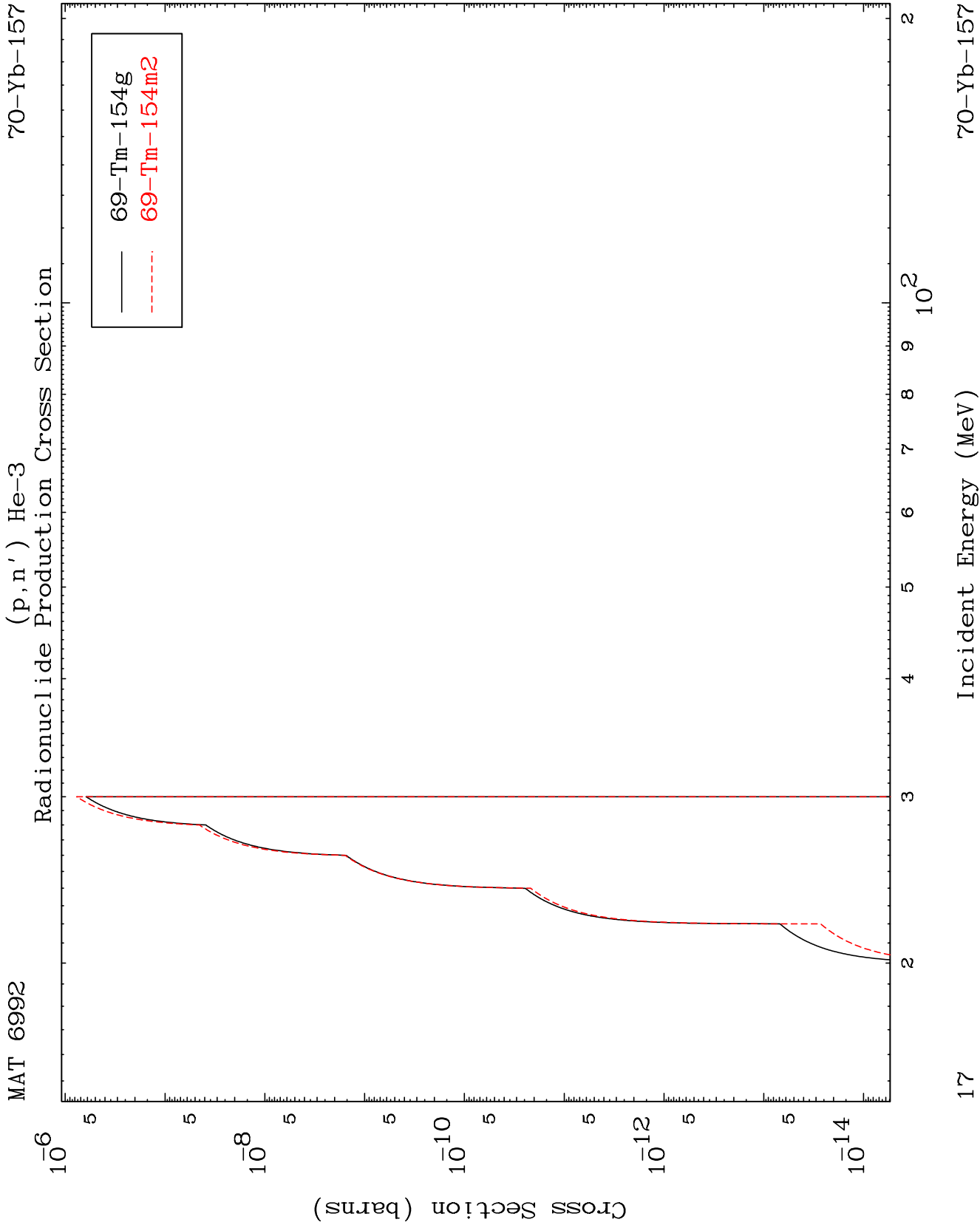
Incident Energy (MeV)

10⁰

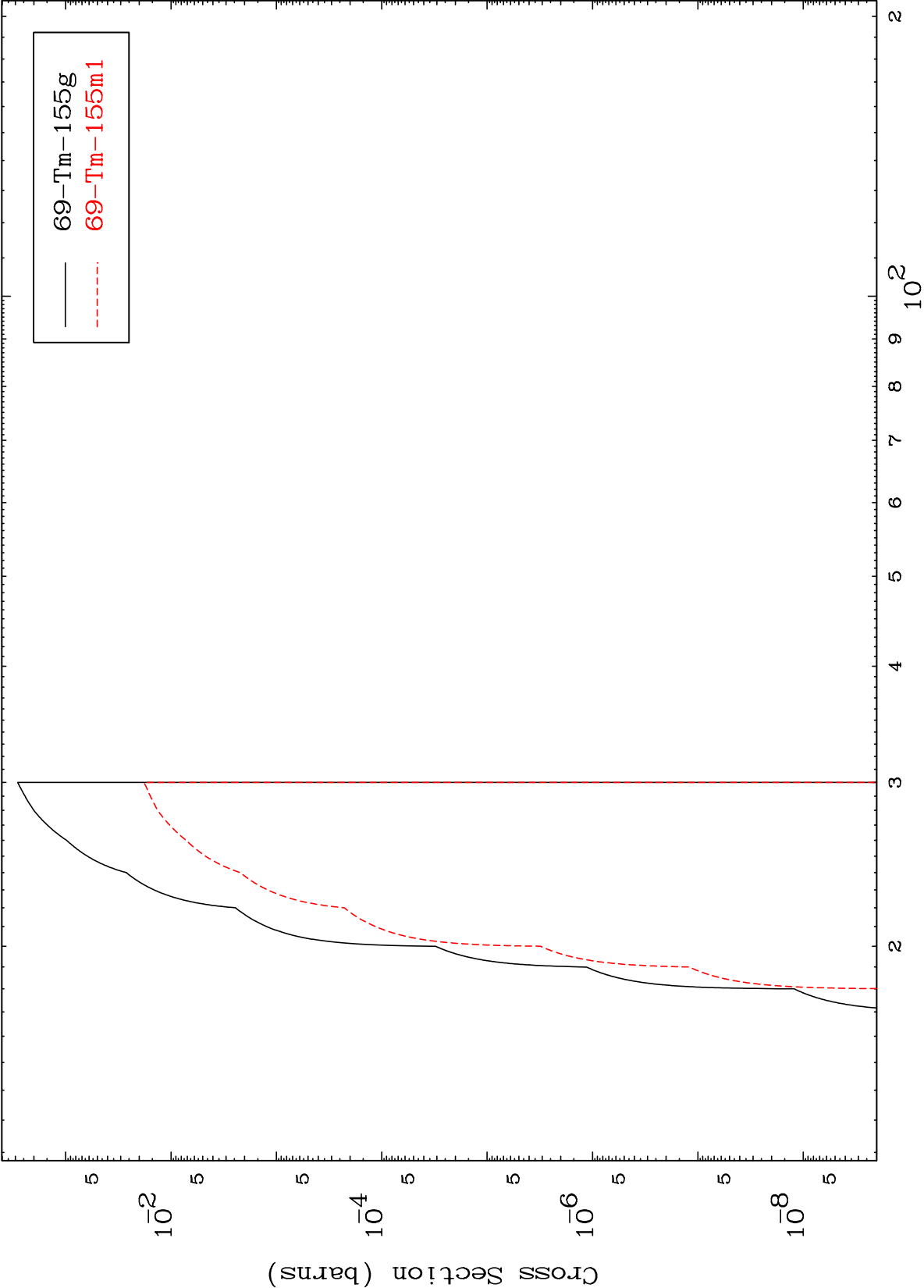
10²

70-Yb-157





(p,2n) p
Radionuclide Production Cross Section

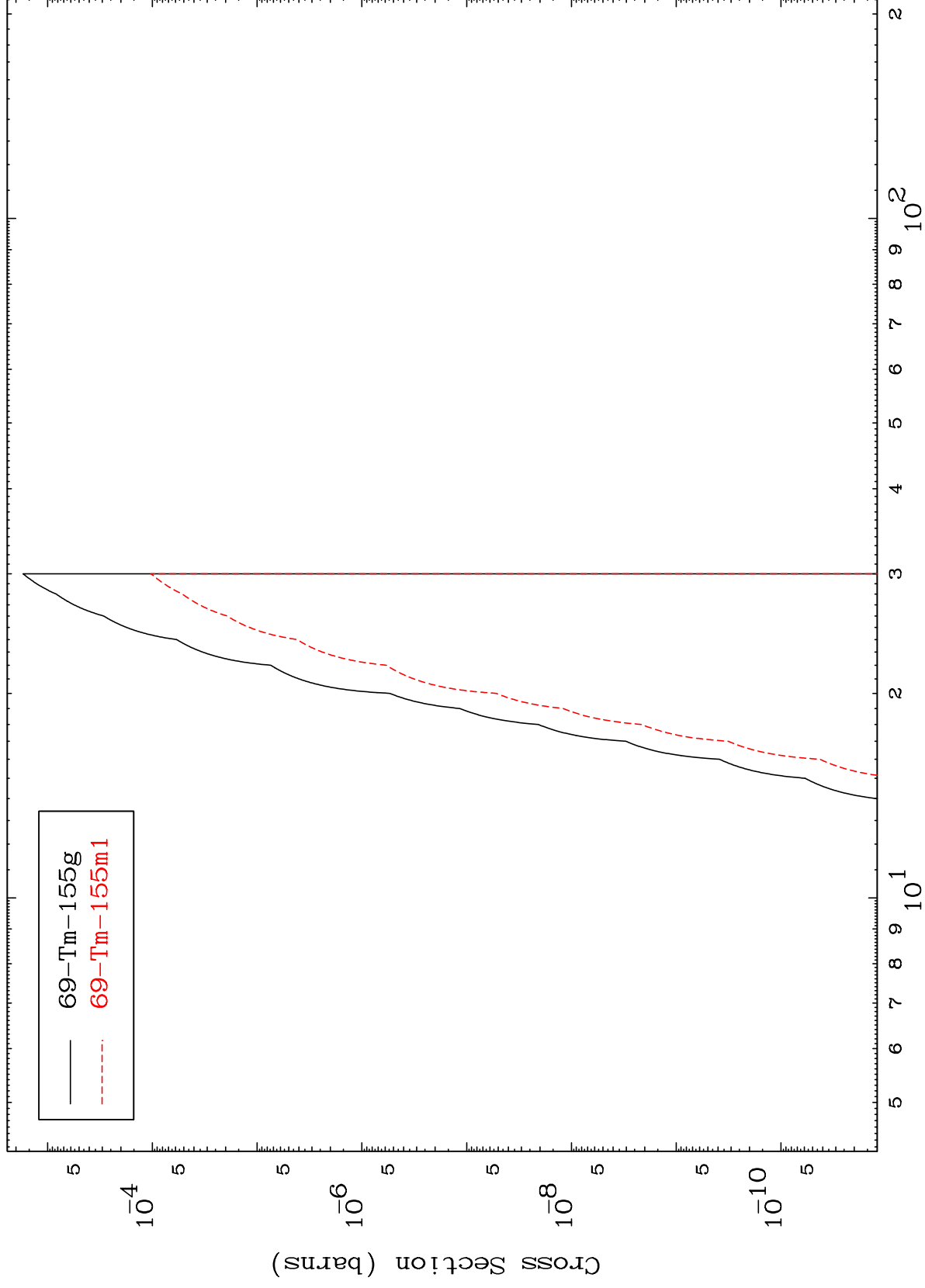


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(p,He-3)

70-Yb-157

Radionuclide Production Cross Section



19

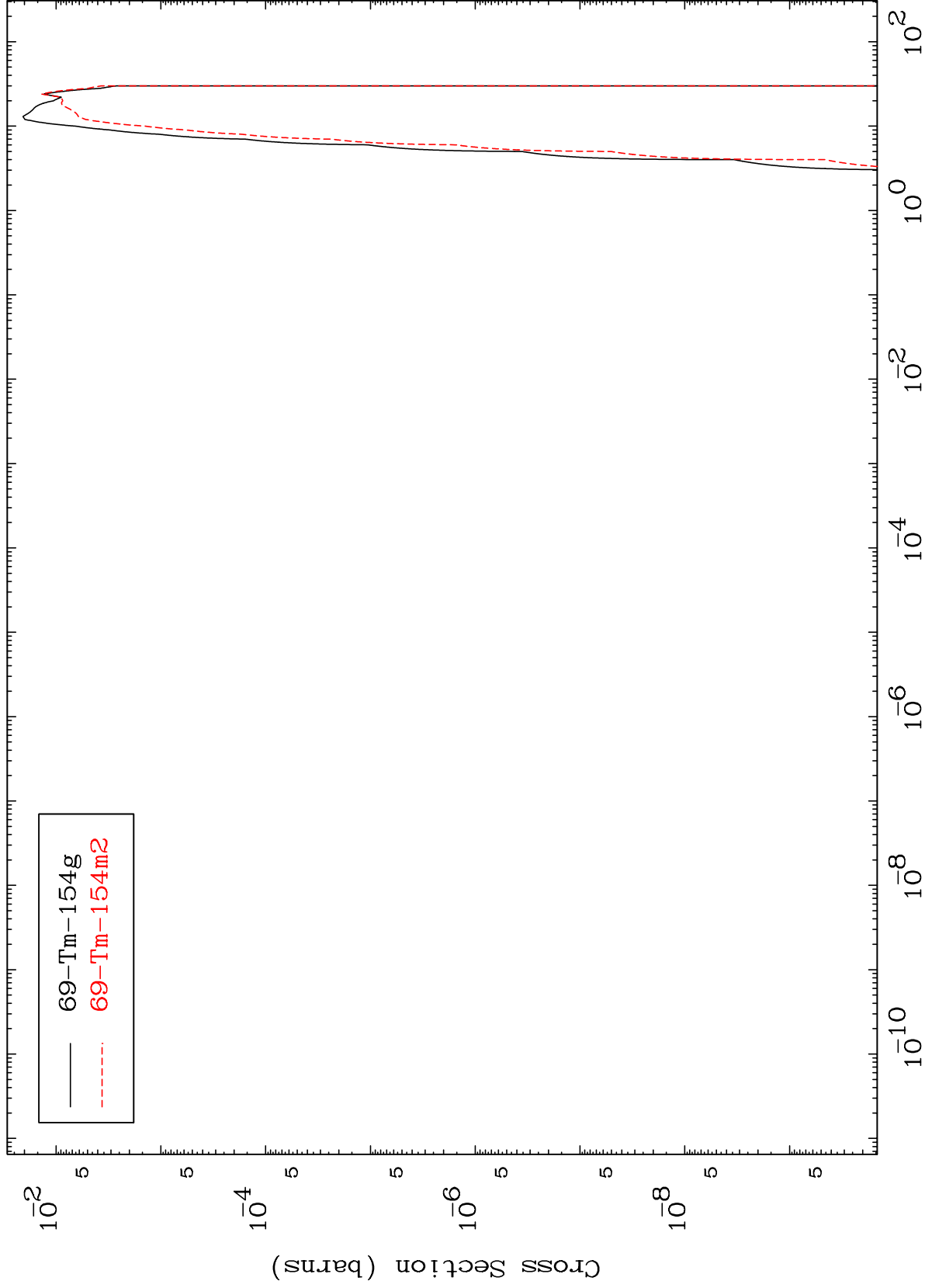
Incident Energy (MeV)

70-Yb-157

MAT 6992

70-Yb-157

Radionuclide Production Cross Section



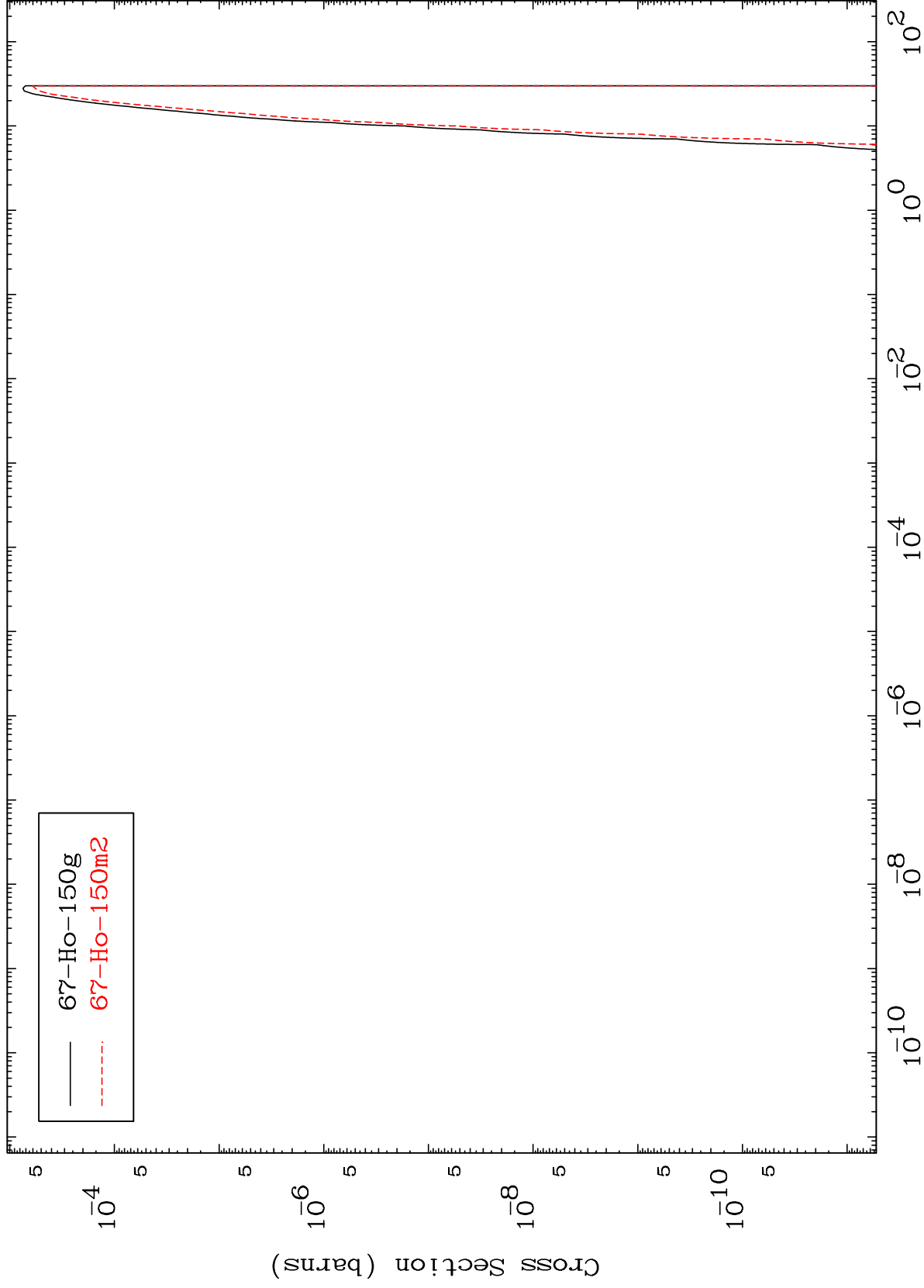
20

70-Yb-157

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70-Yb-157

Radionuclide Production Cross Section

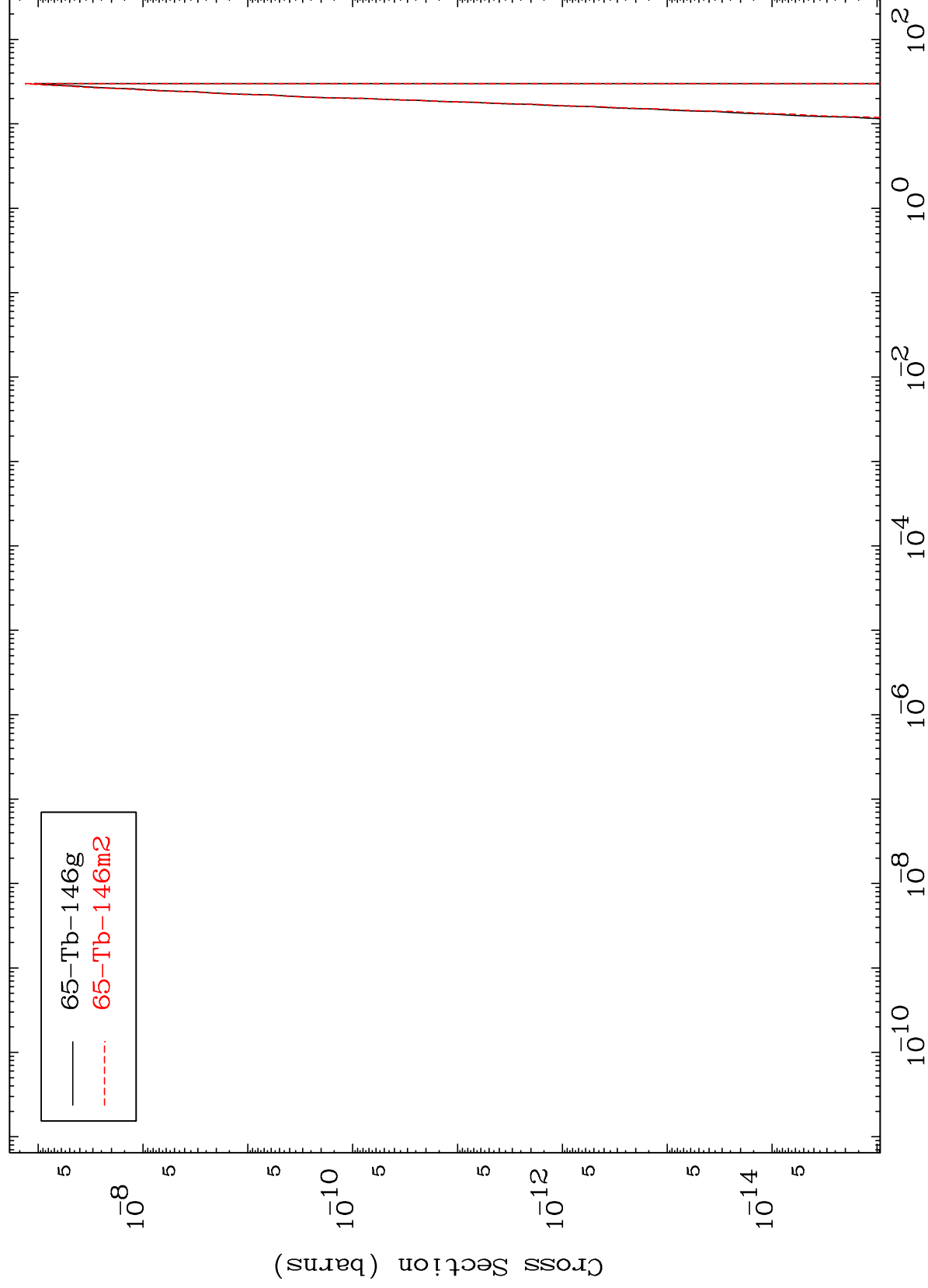


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(p,3 α)

70-Yb-157

Radionuclide Production Cross Section



22

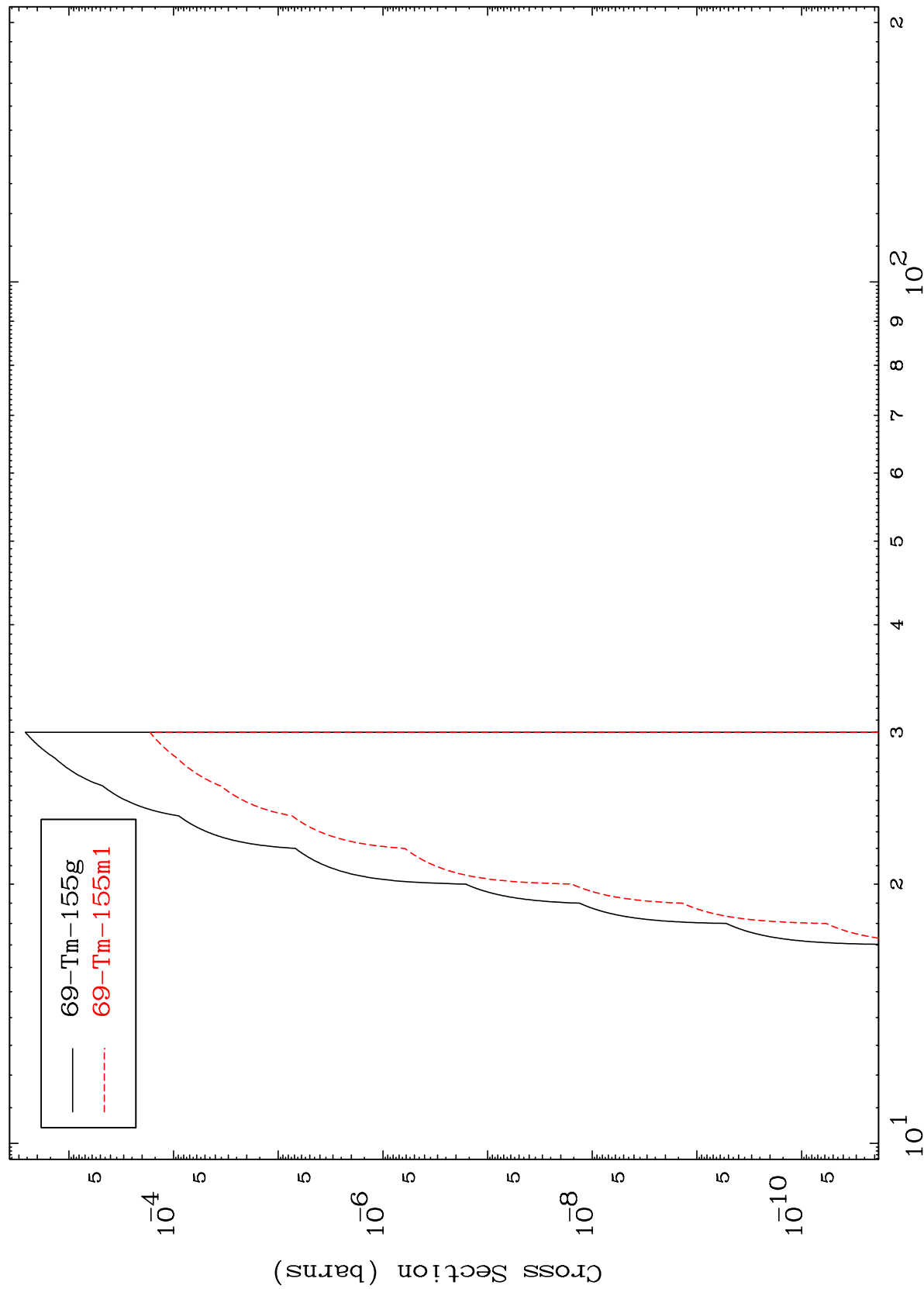
Incident Energy (MeV)

70-Yb-157

MAT 6992

70-Yb-157

(p,p) d
Radionuclide Production Cross Section



70-Yb-157

Incident Energy (MeV)

23

