

Program EVALPLOT
(Version 2018-1)

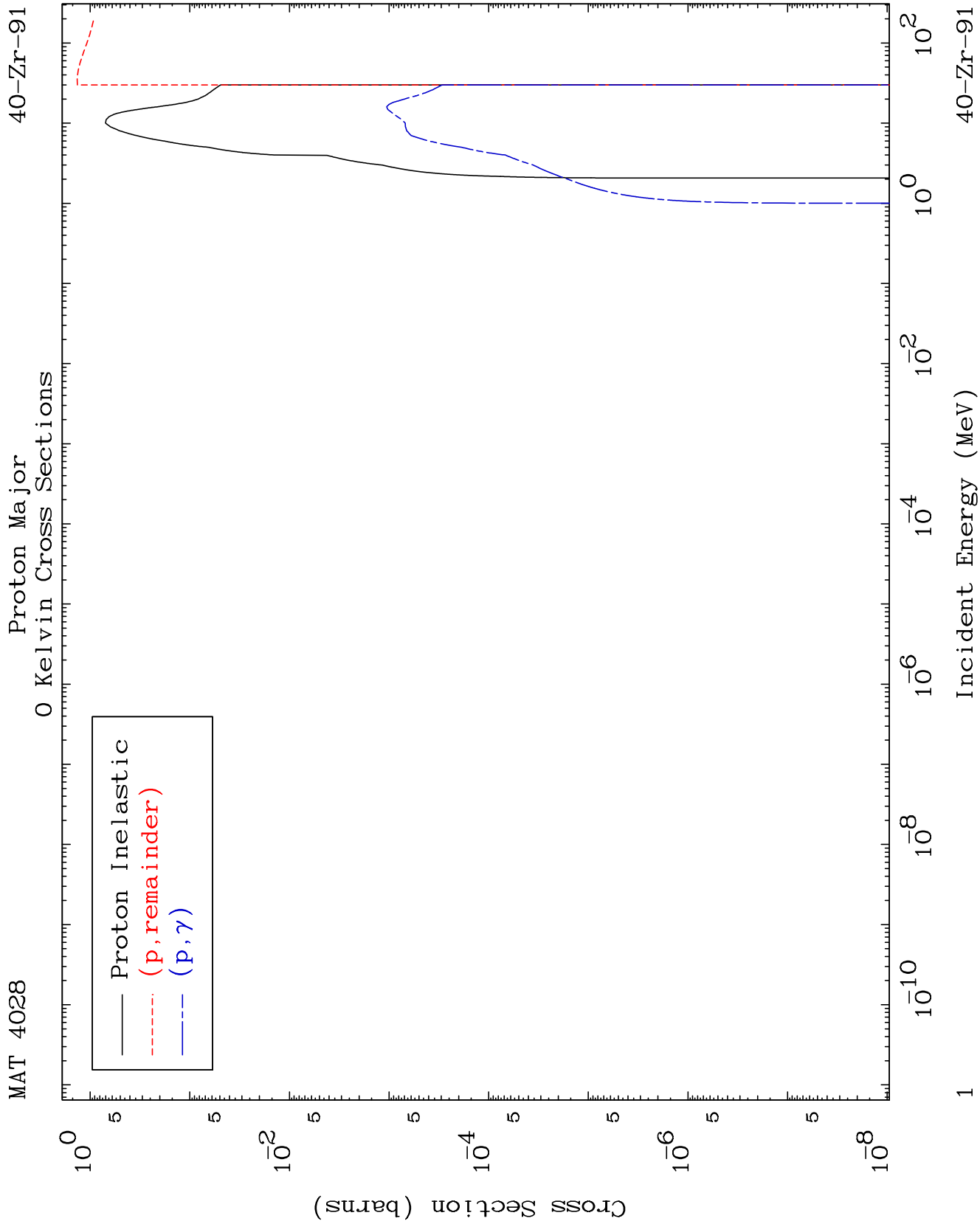
by

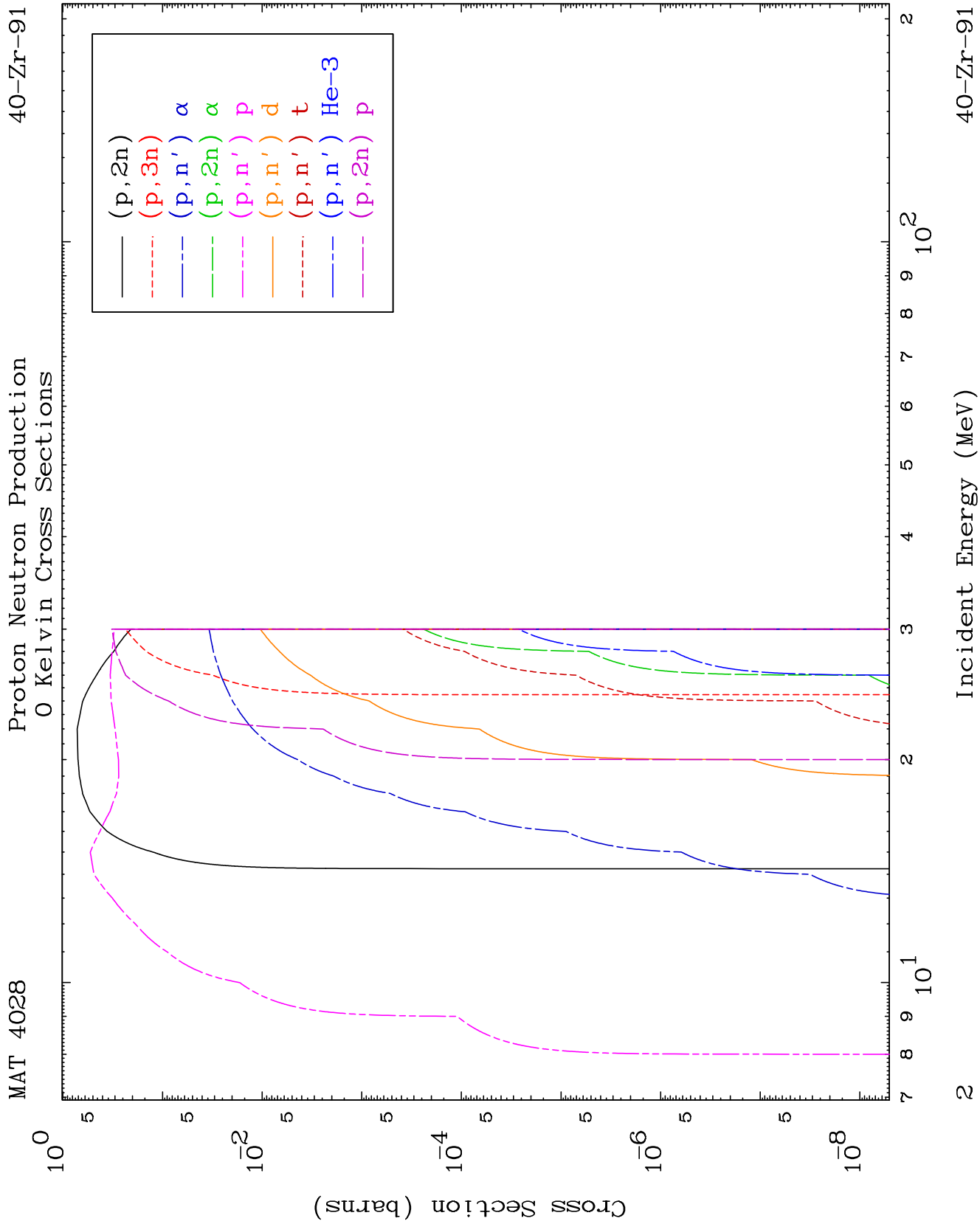
Dermott E. Cullen
(Present Contact Information)
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

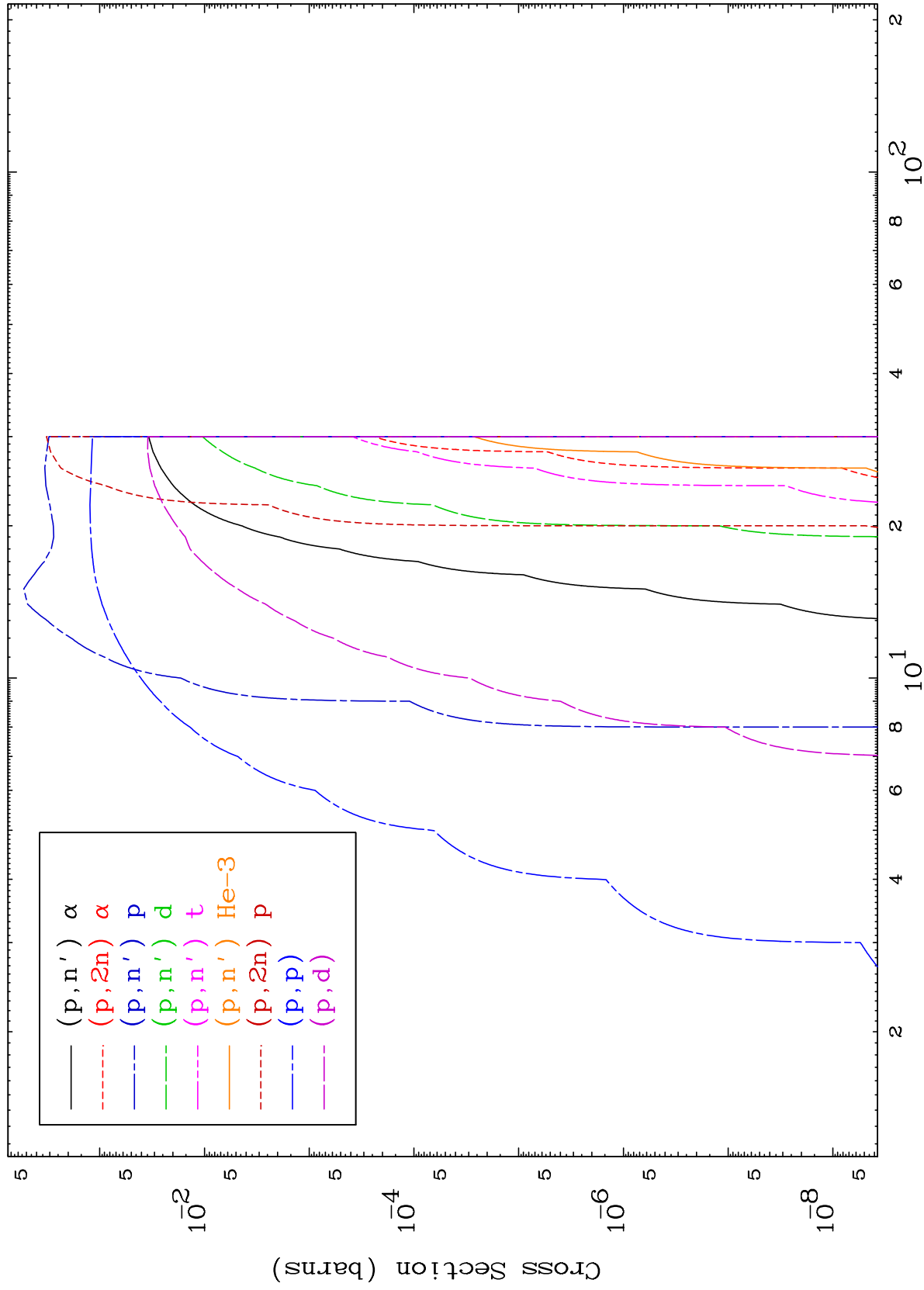
Tele: 925-443-1911

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

Press Mouse Button to Start



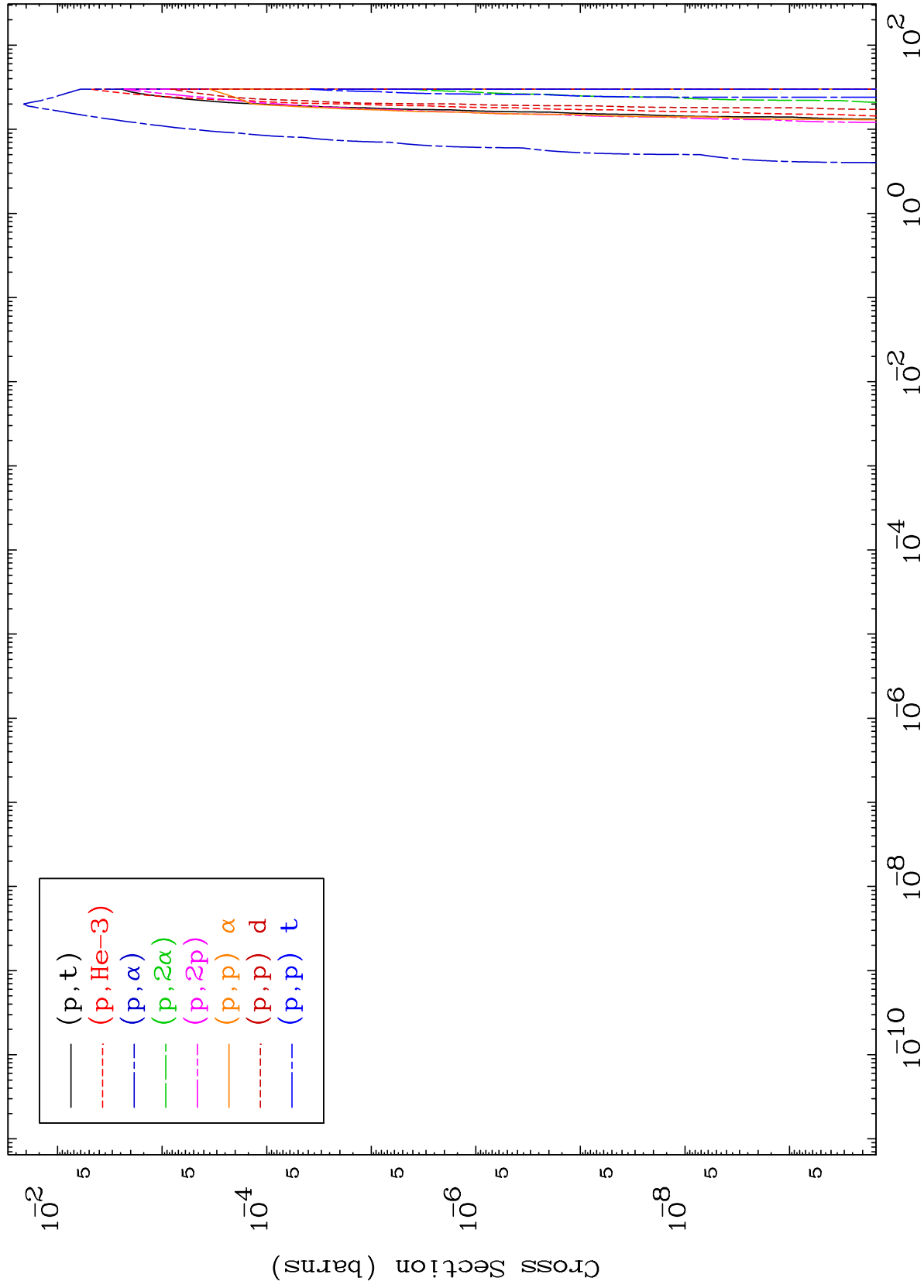




MAT 4028

Proton Charged Particle
0 Kelvin Cross Sections

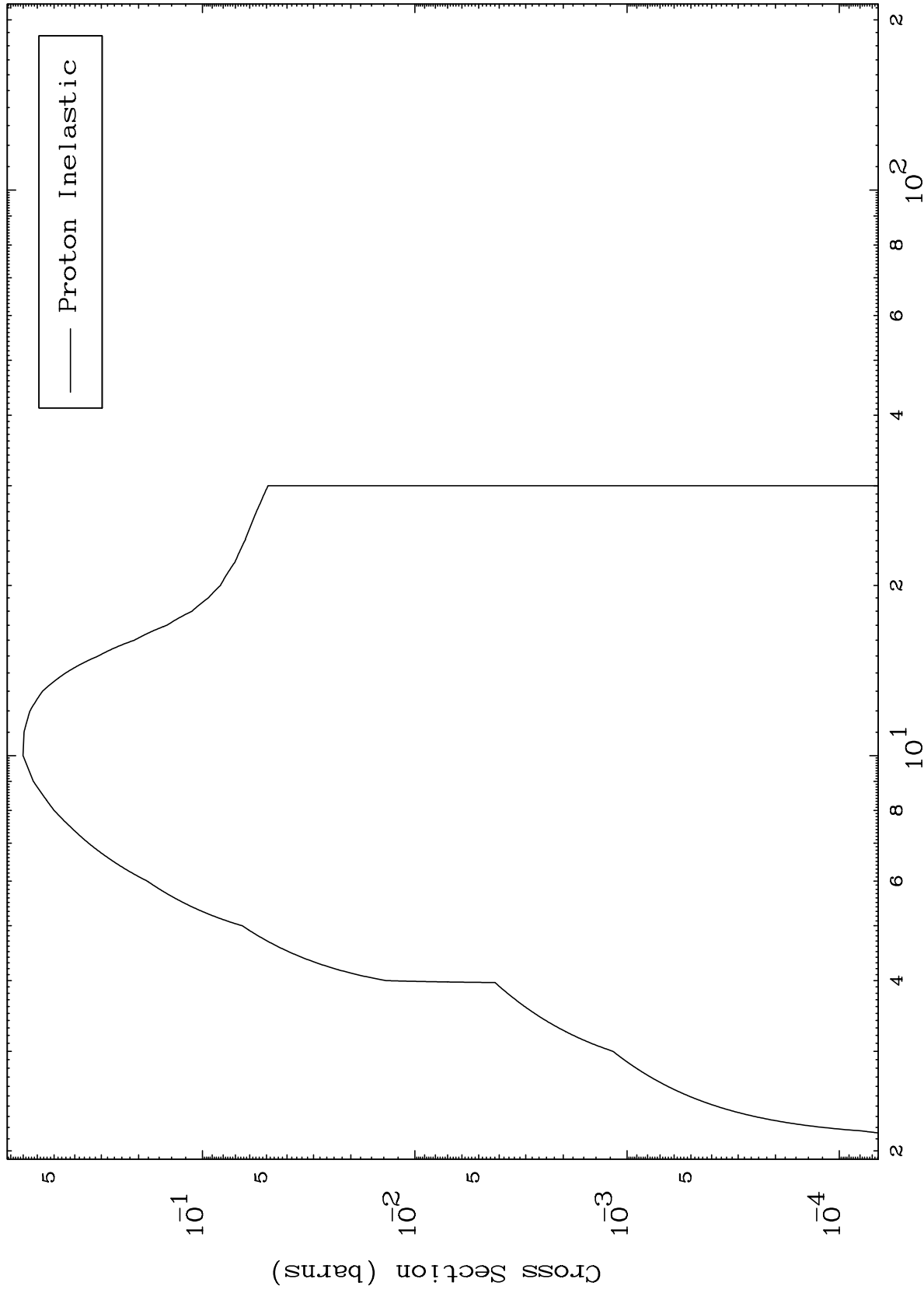
40-Zr-91



MAT 4028

(p,n') Level
0 Kelvin Cross Sections

40-Zr-91



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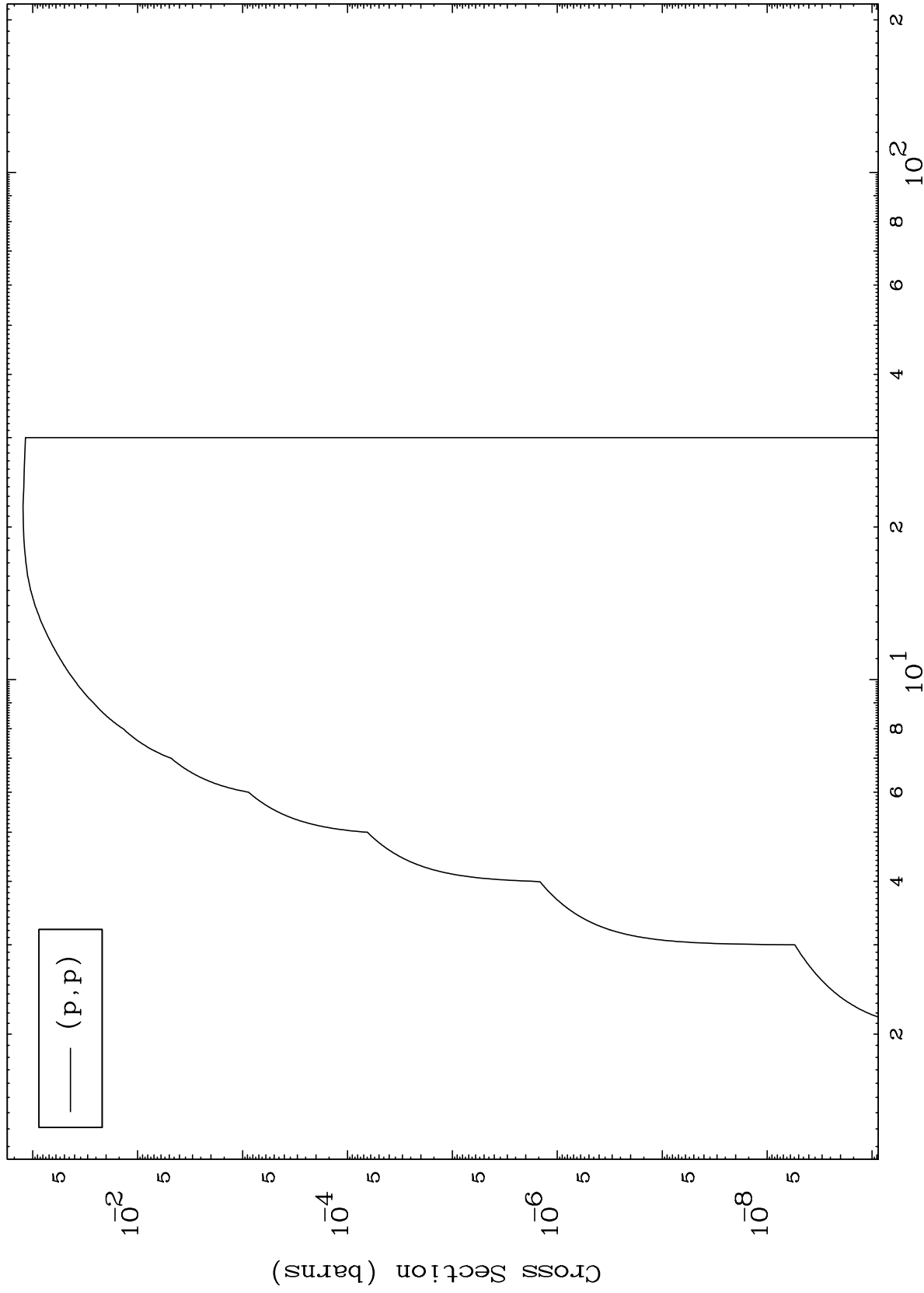
Incident Energy (MeV)

40-Zr-91

MAT 4028

40-Zr-91

(p,p) Levels
0 Kelvin Cross Sections



6

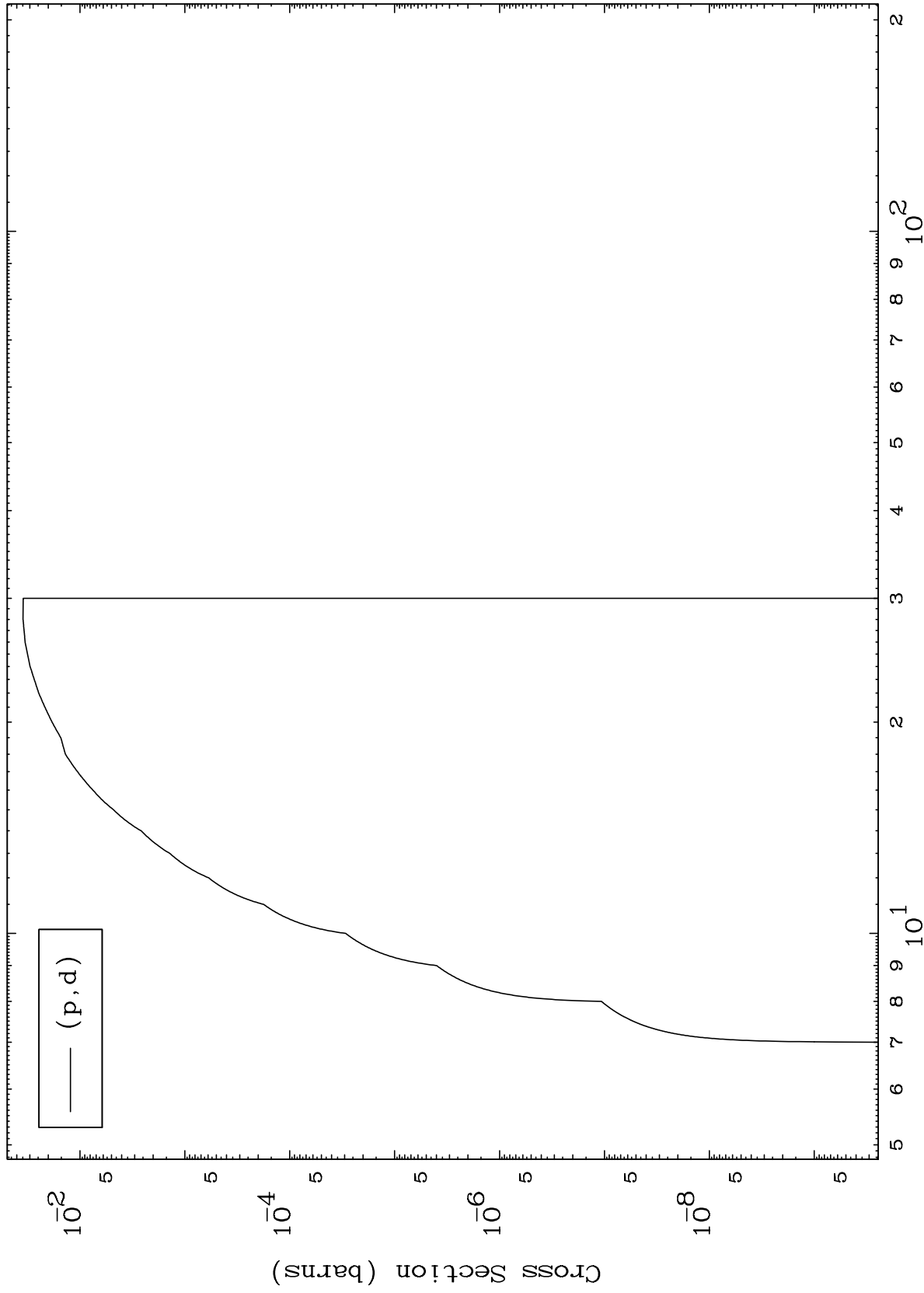
Incident Energy (MeV)

40-Zr-91

MAT 4028

40-Zr-91

(p,d) Levels
0 Kelvin Cross Sections



7

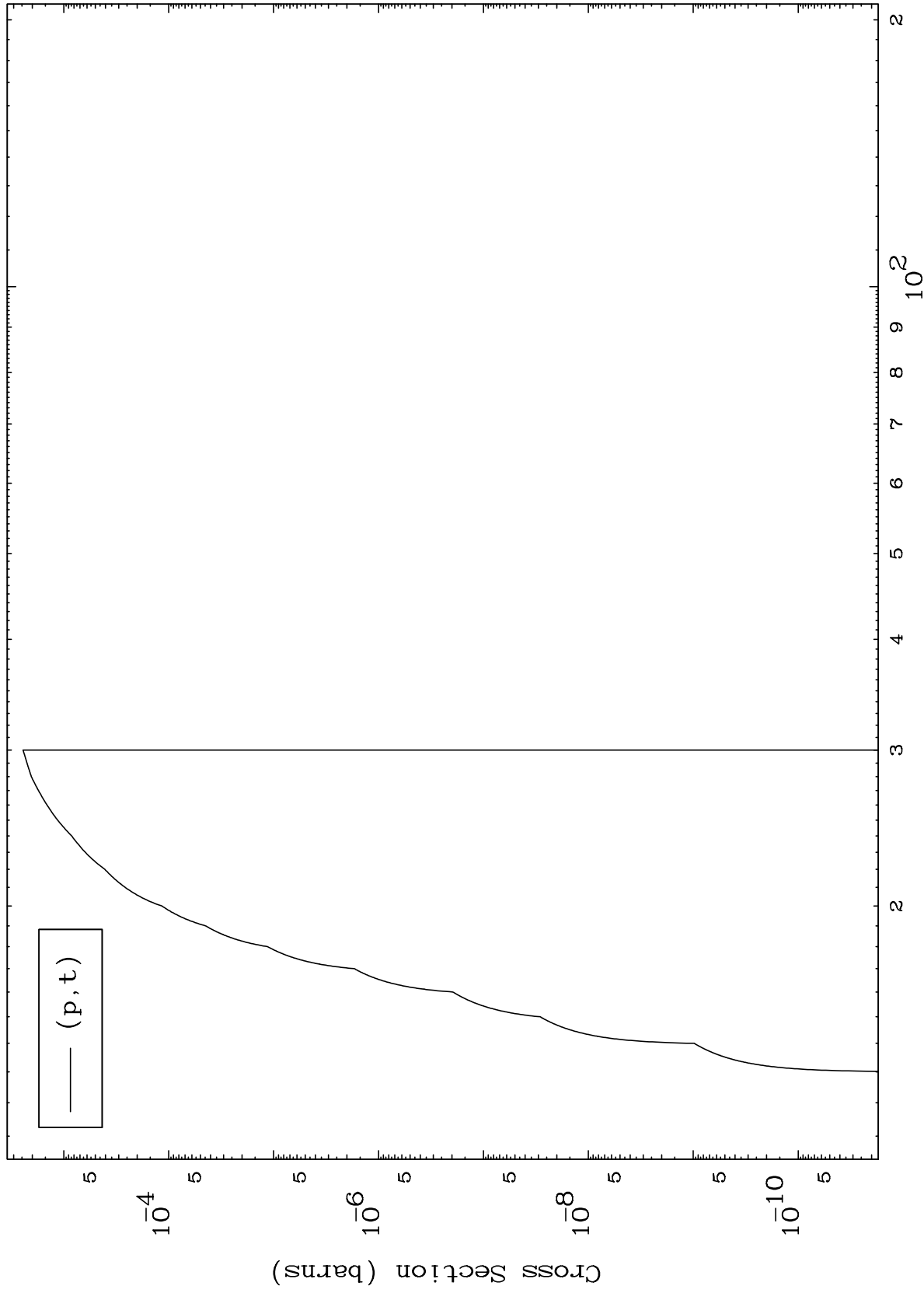
Incident Energy (MeV)

40-Zr-91

MAT 4028

40-Zr-91

(p,t) Levels
0 Kelvin Cross Sections



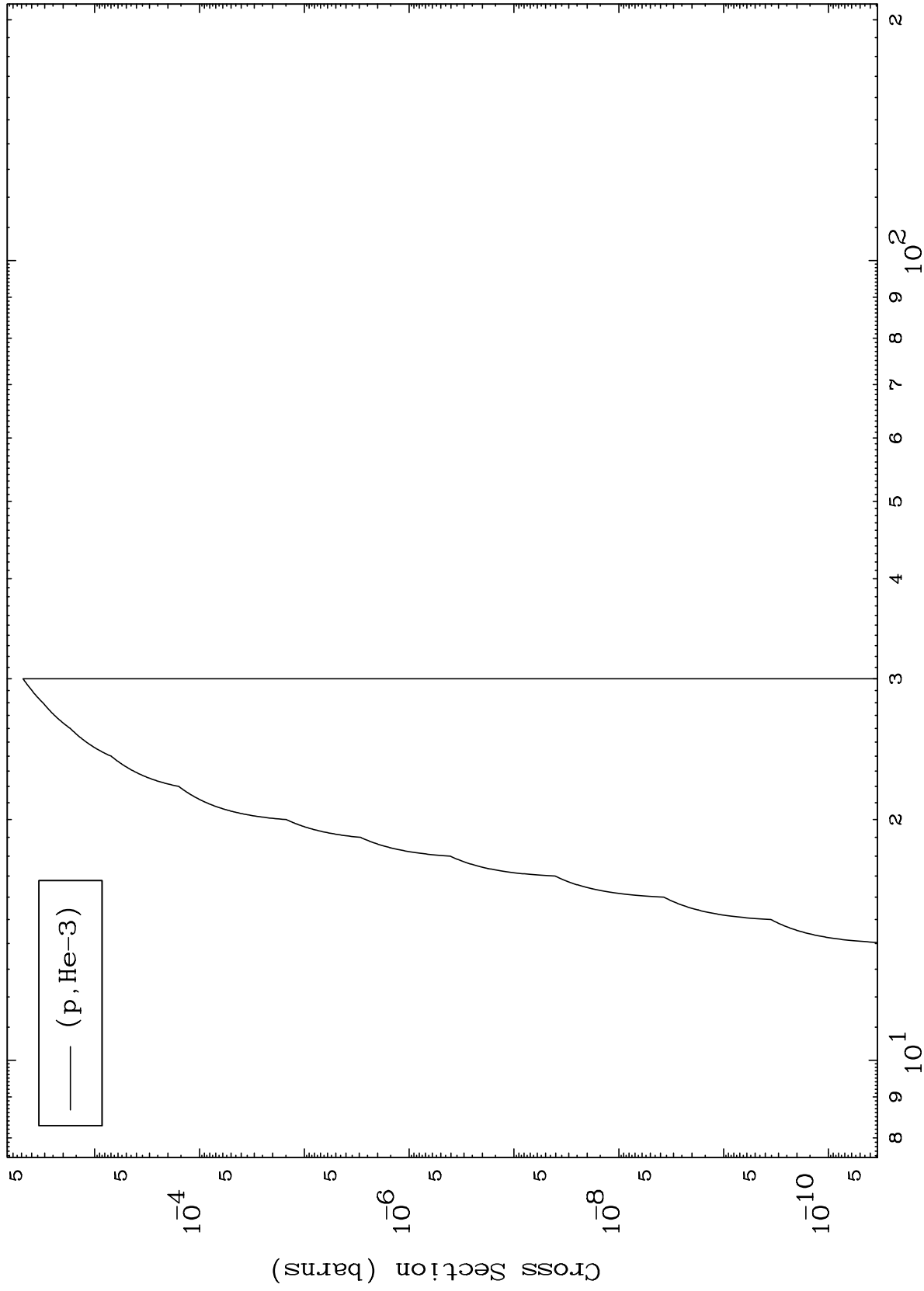
8

40-Zr-91

MAT 4028

(p,He3) Levels
0 Kelvin Cross Sections

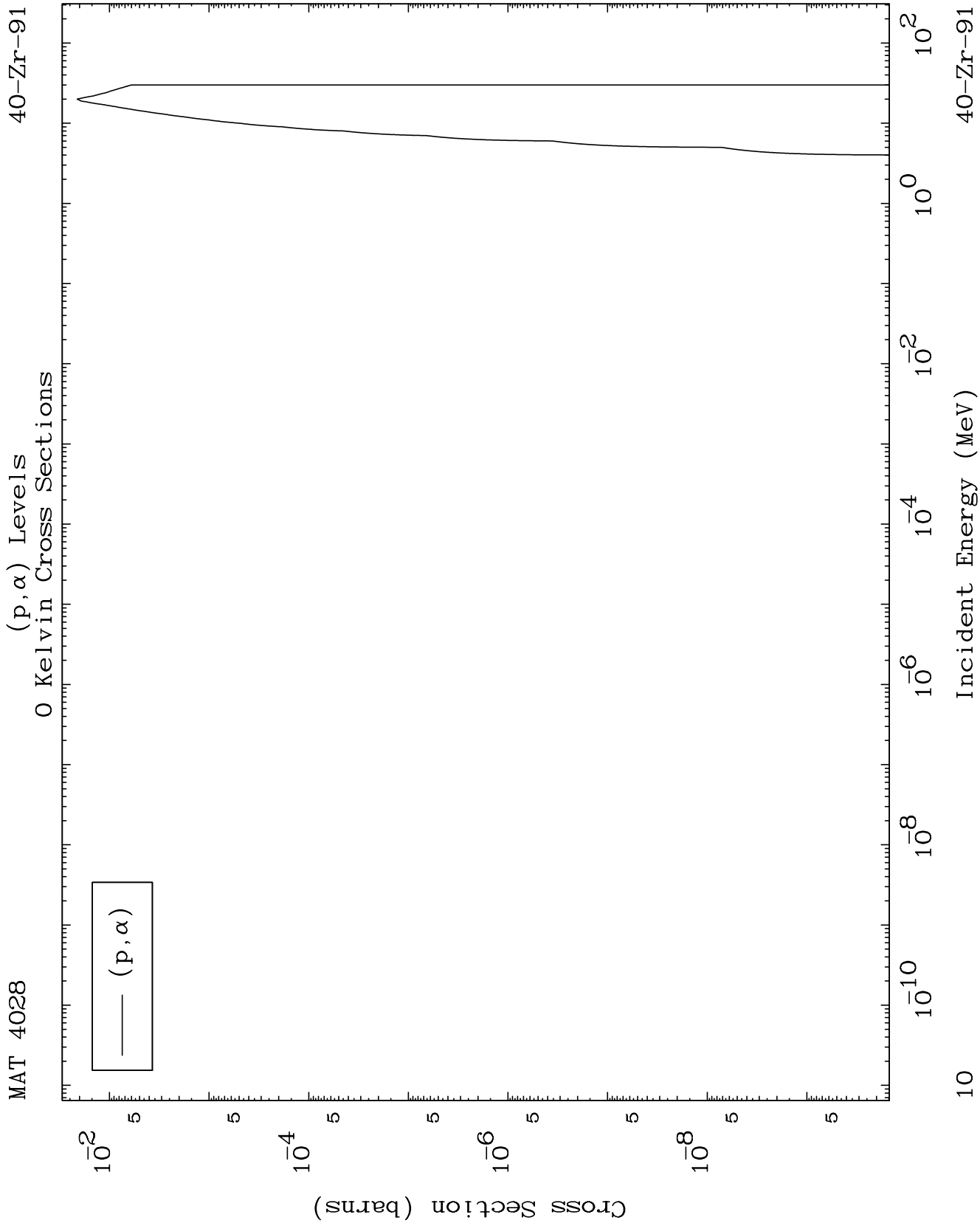
40-Zr-91



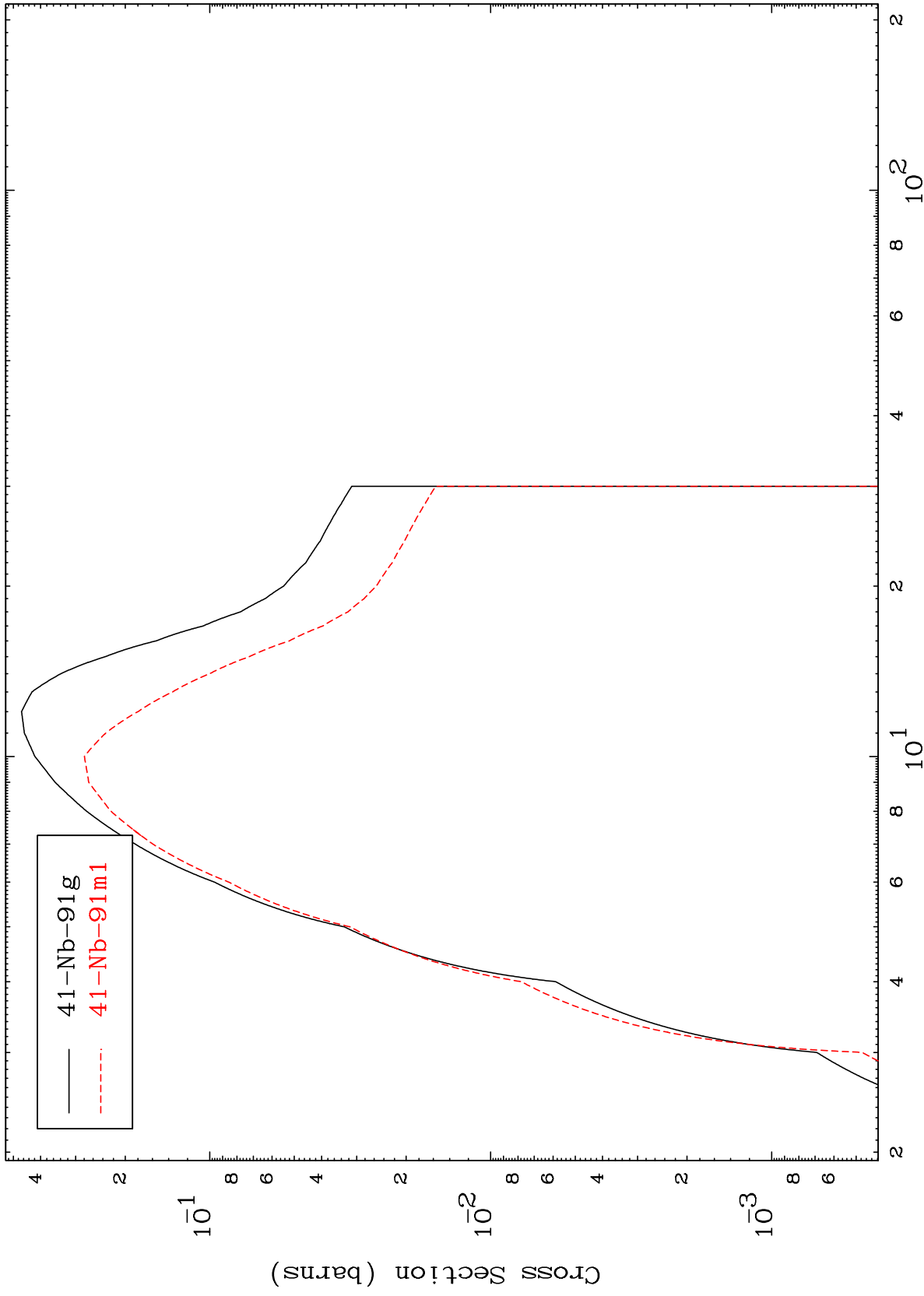
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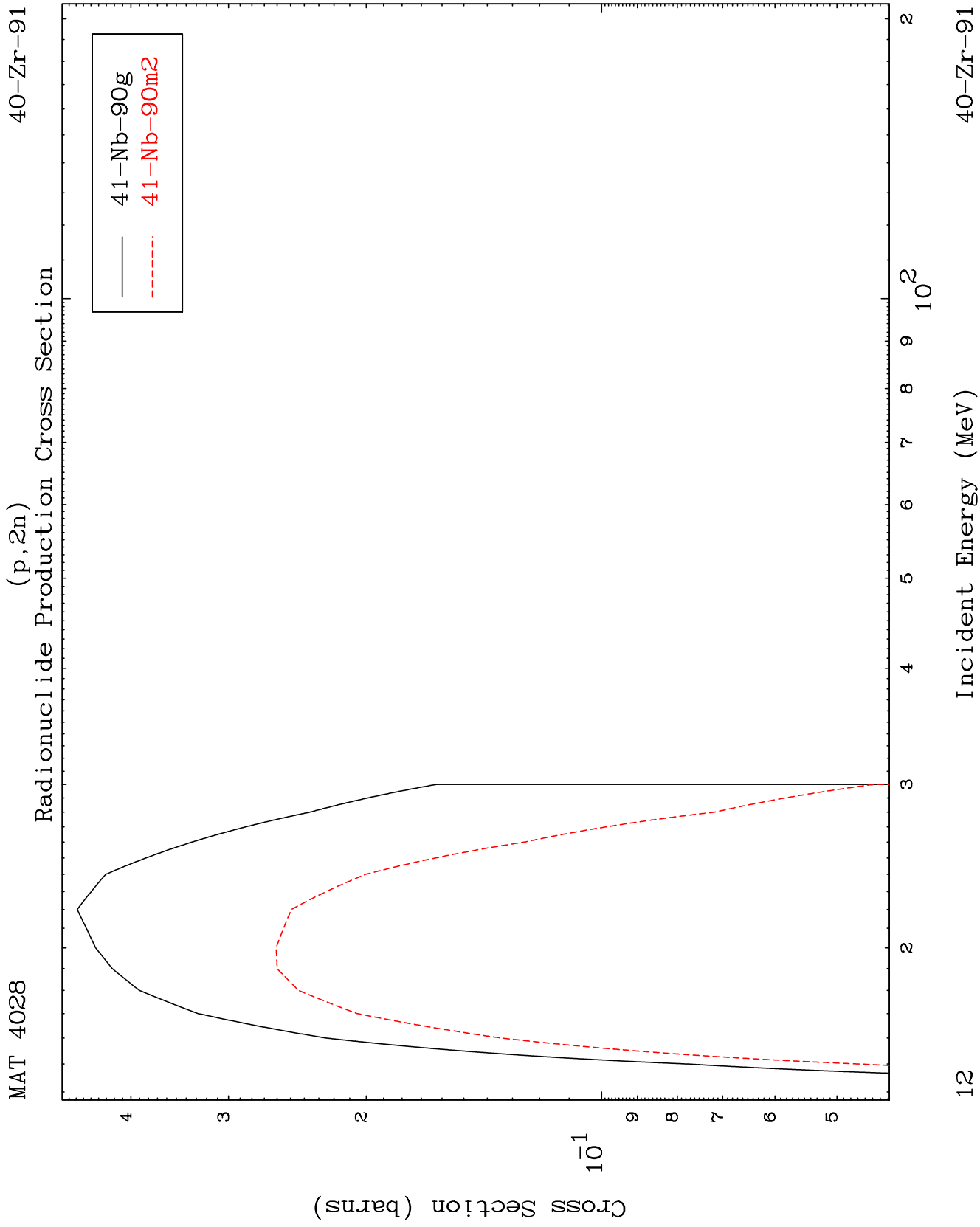
Incident Energy (MeV)

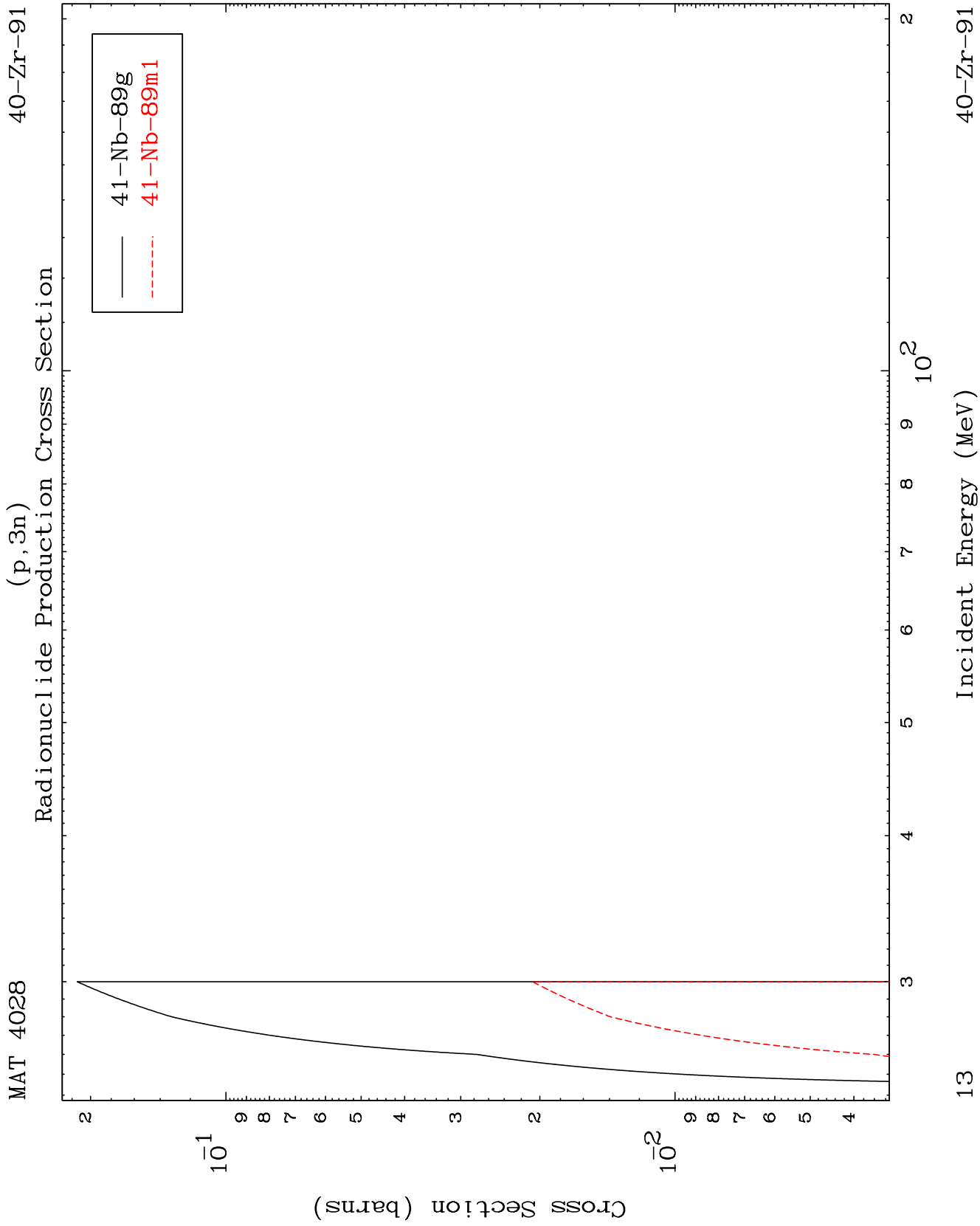
40-Zr-91



Proton Inelastic Radionuclide Production Cross Section





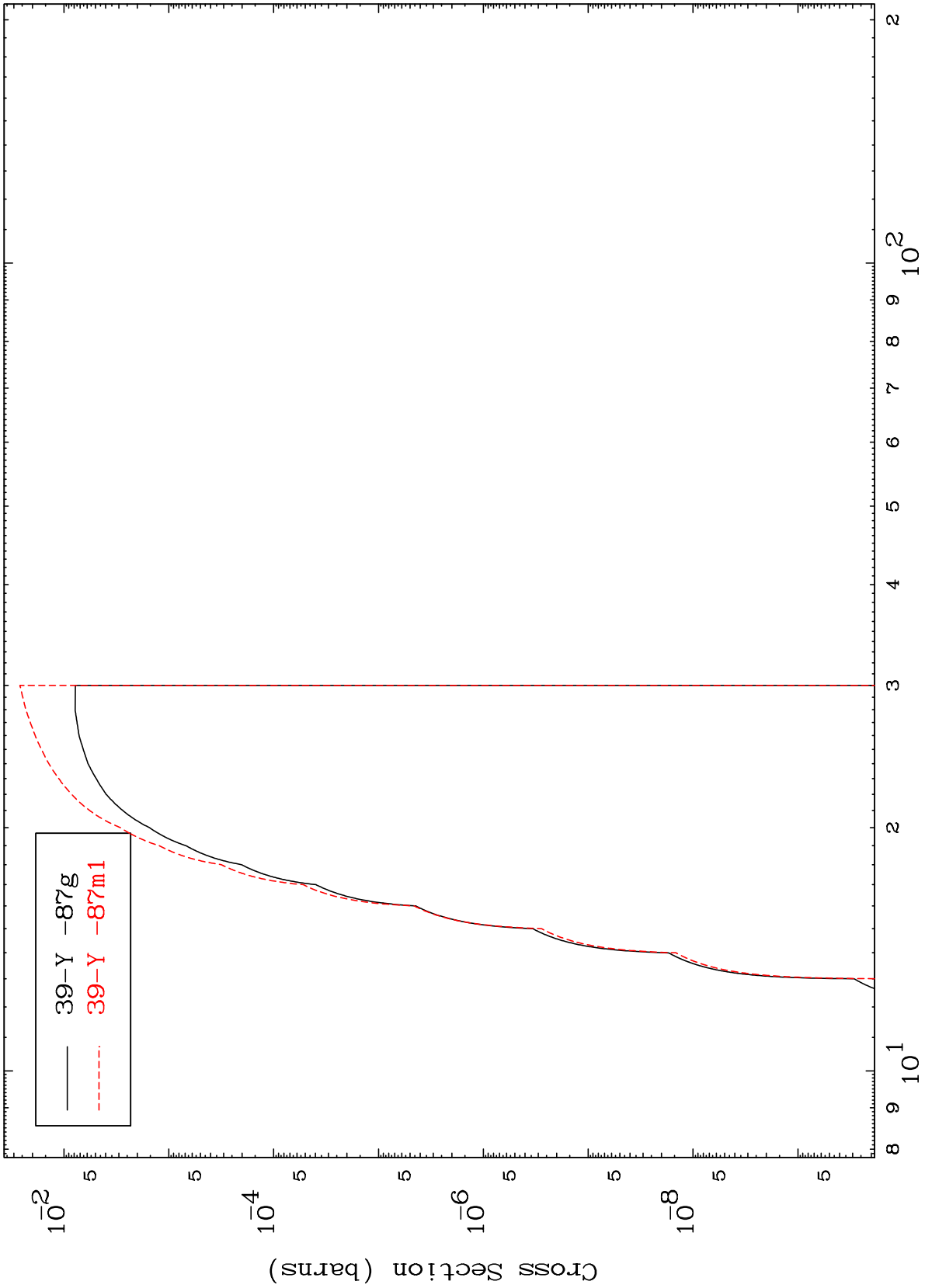


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40-Zr-91

Radionuclide Production Cross Section

(p,n') α



14

Incident Energy (MeV)

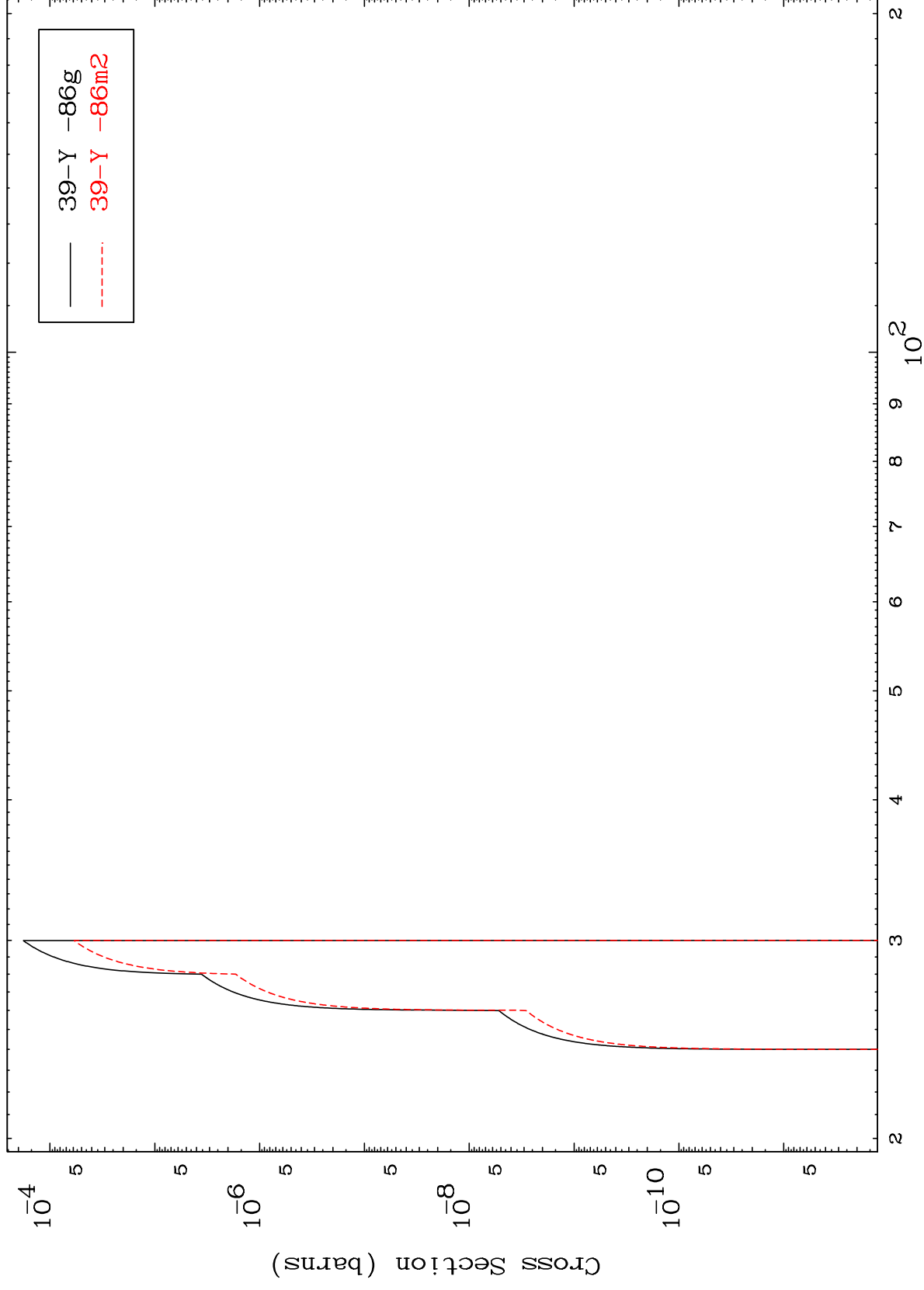
40-Zr-91

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$$(p, 2n) \propto$$

40-Zr-91

Radionuclide Production Cross Section



15

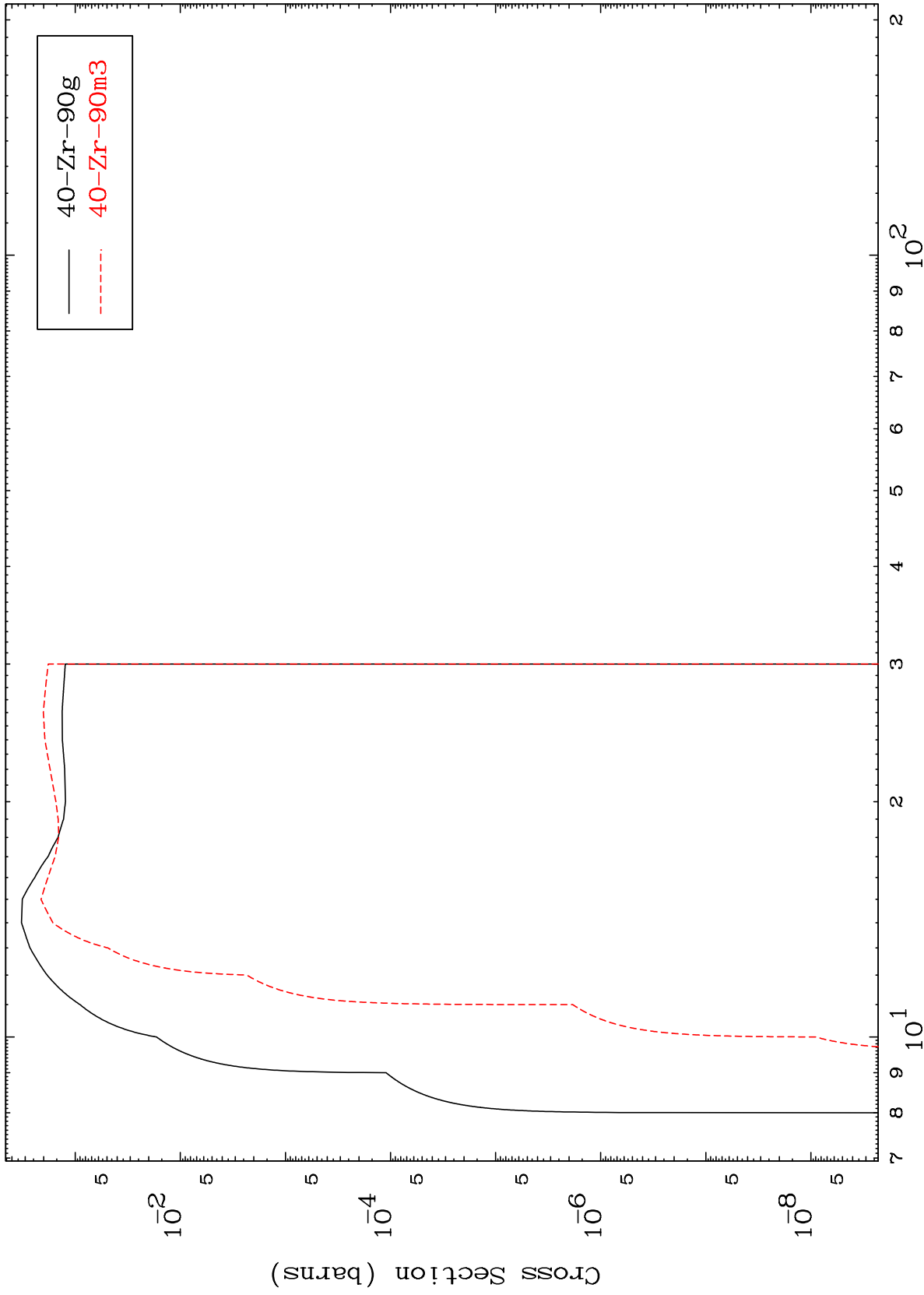
Incident Energy (MeV)

40-Zr-91

MAT 4028

40-Zr-91

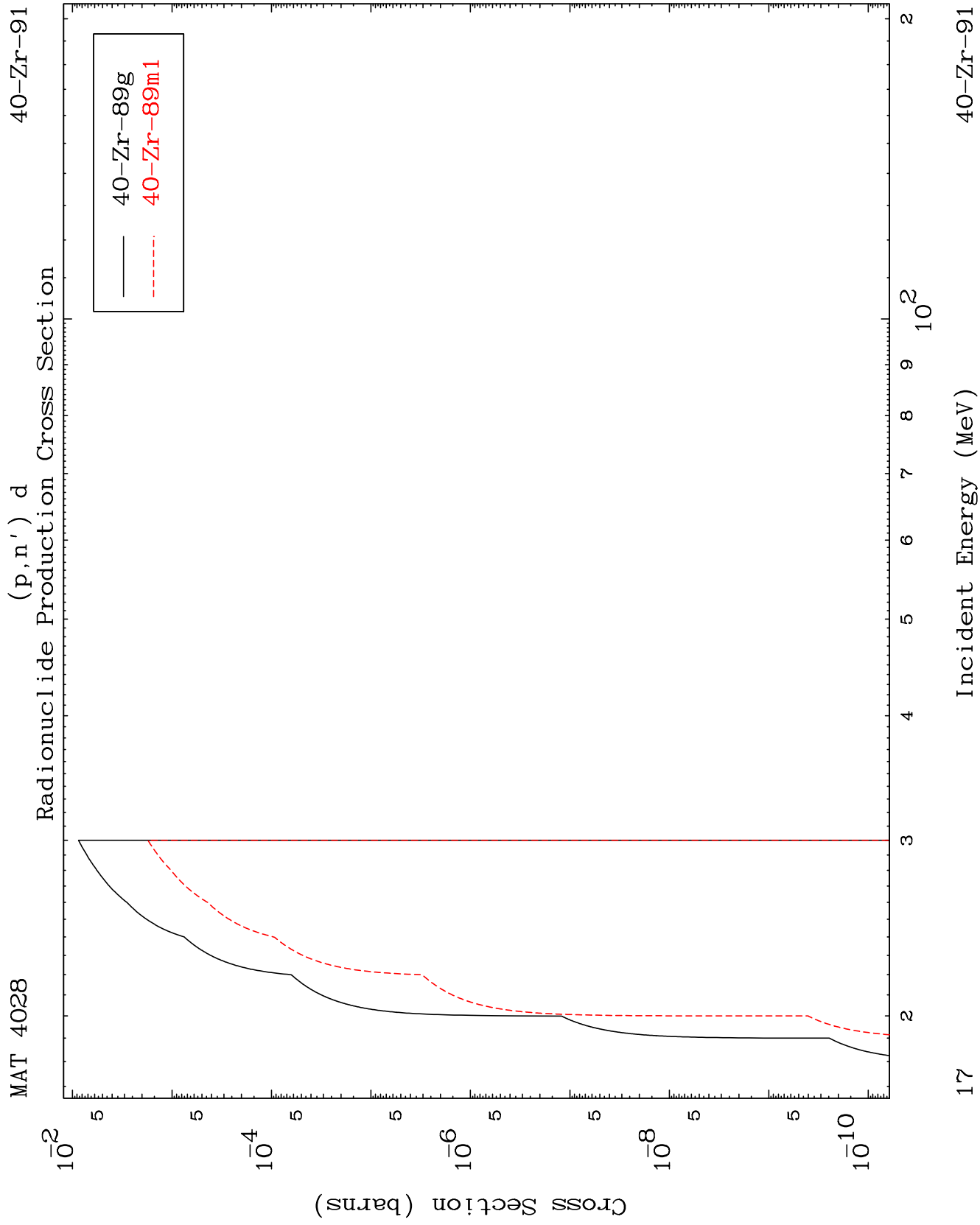
(p,n') p
Radionuclide Production Cross Section



16

Incident Energy (MeV)

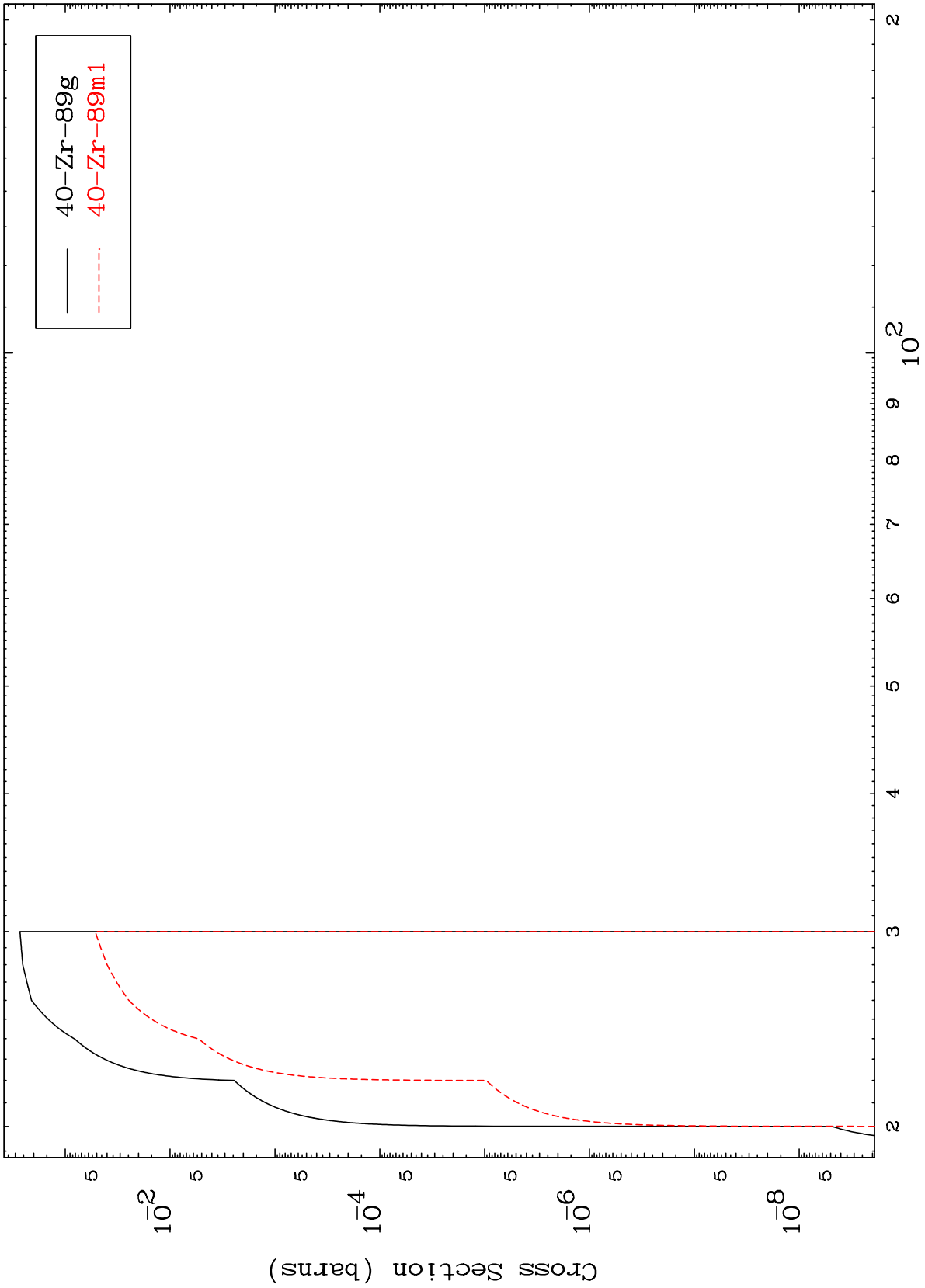
40-Zr-91



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40-Zr-91

(p,2n) p
Radionuclide Production Cross Section

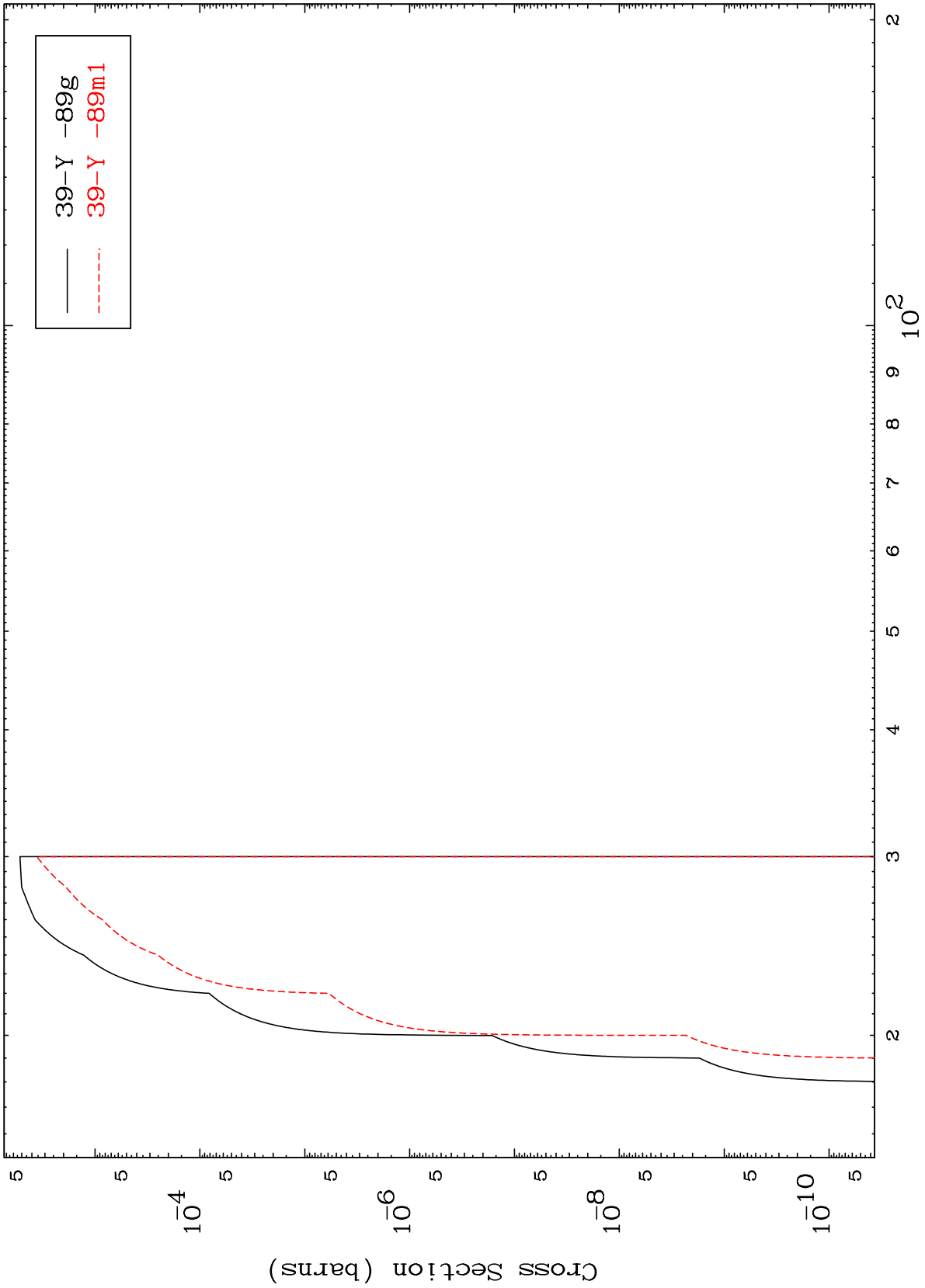


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Incident Energy (MeV)

40-Zr-91

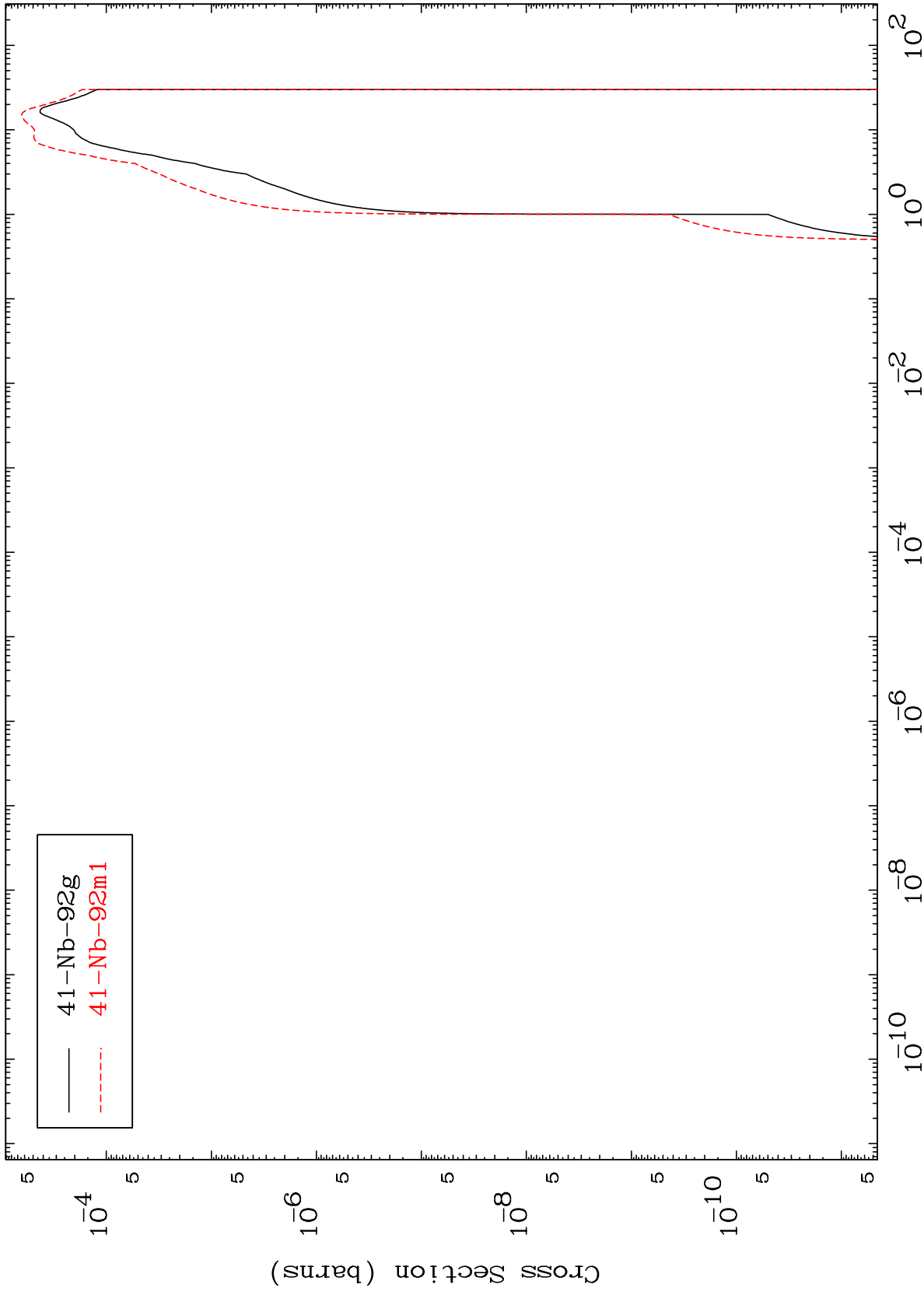
(p,2n) p
Radionuclide Production Cross Section



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Radionuclide Production Cross Section
(p, γ)

40-Zr-91



20

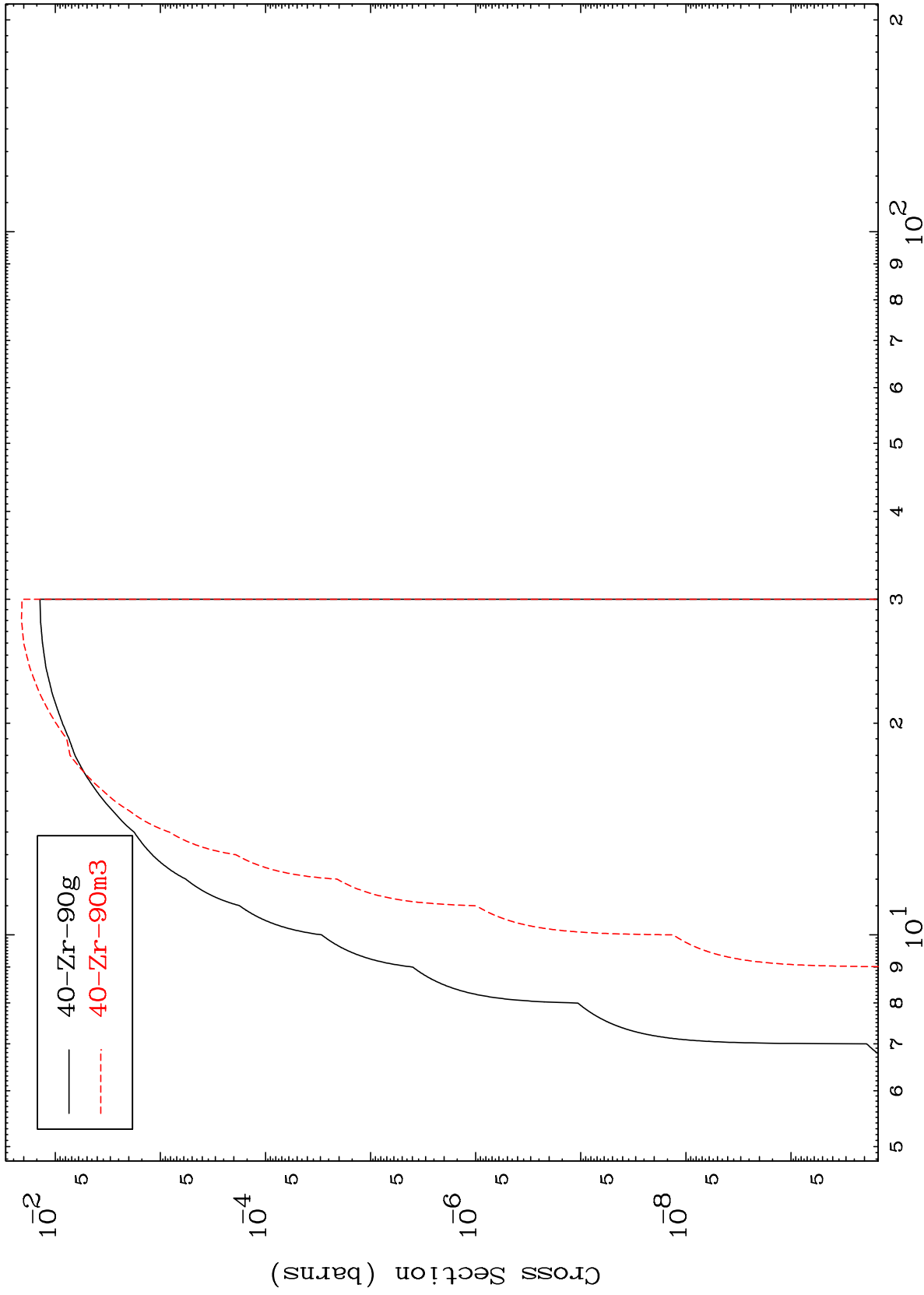
Incident Energy (MeV)

40-Zr-91

MAT 4028

40-Zr-91

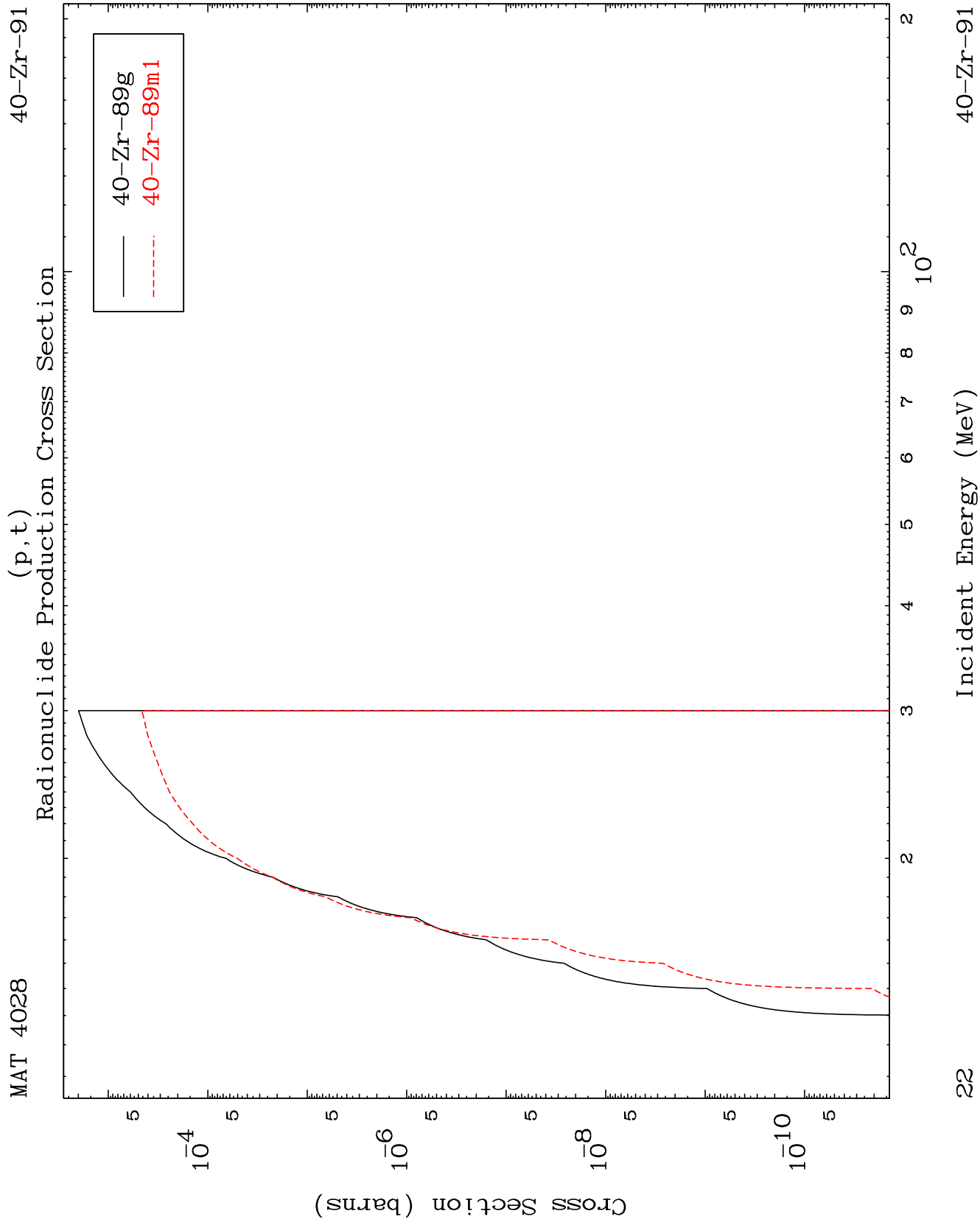
Radionuclide Production Cross Section (p,d)



21

Incident Energy (MeV)

40-Zr-91

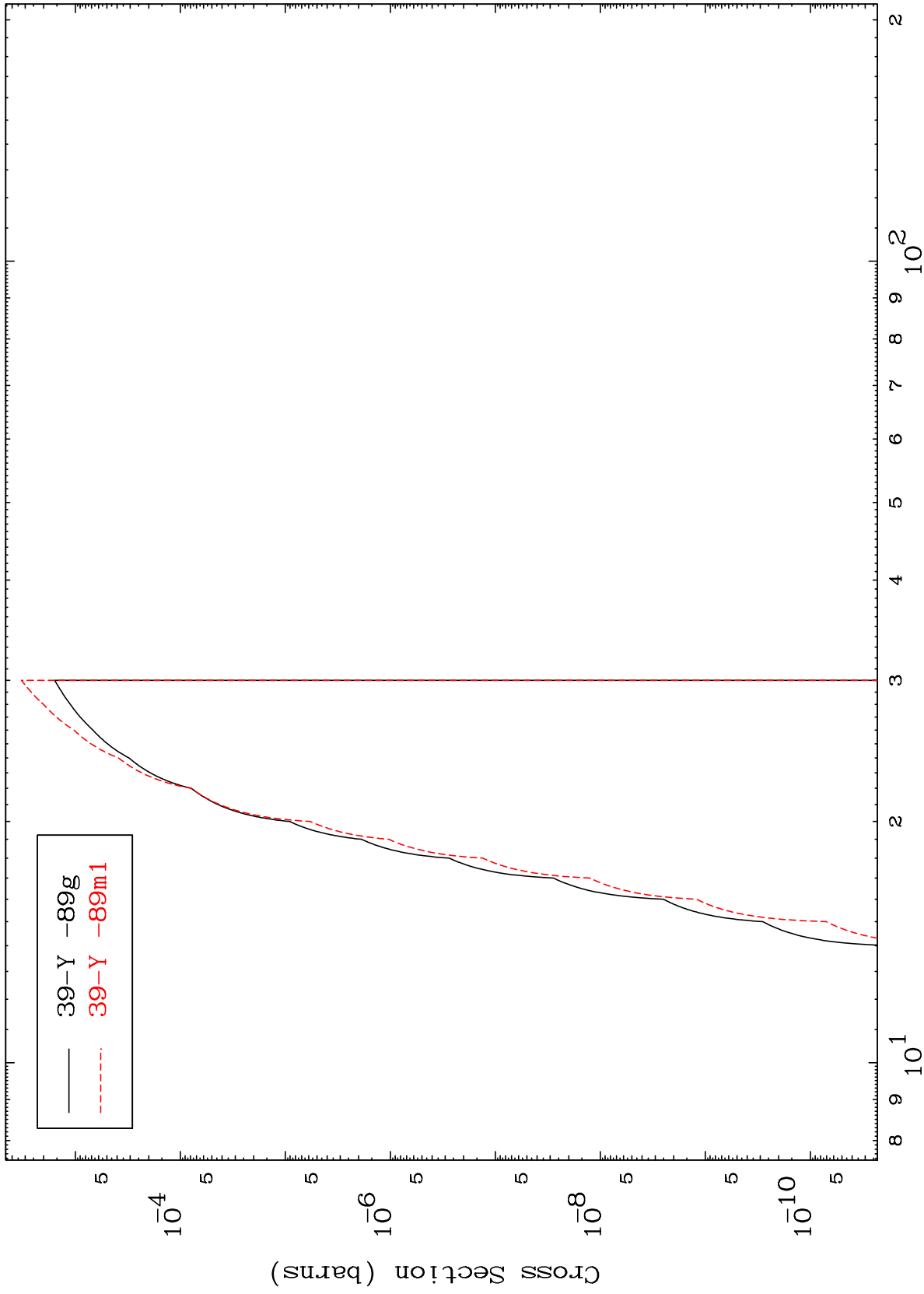


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(p,He-3)

40-Zr-91

Radionuclide Production Cross Section



23

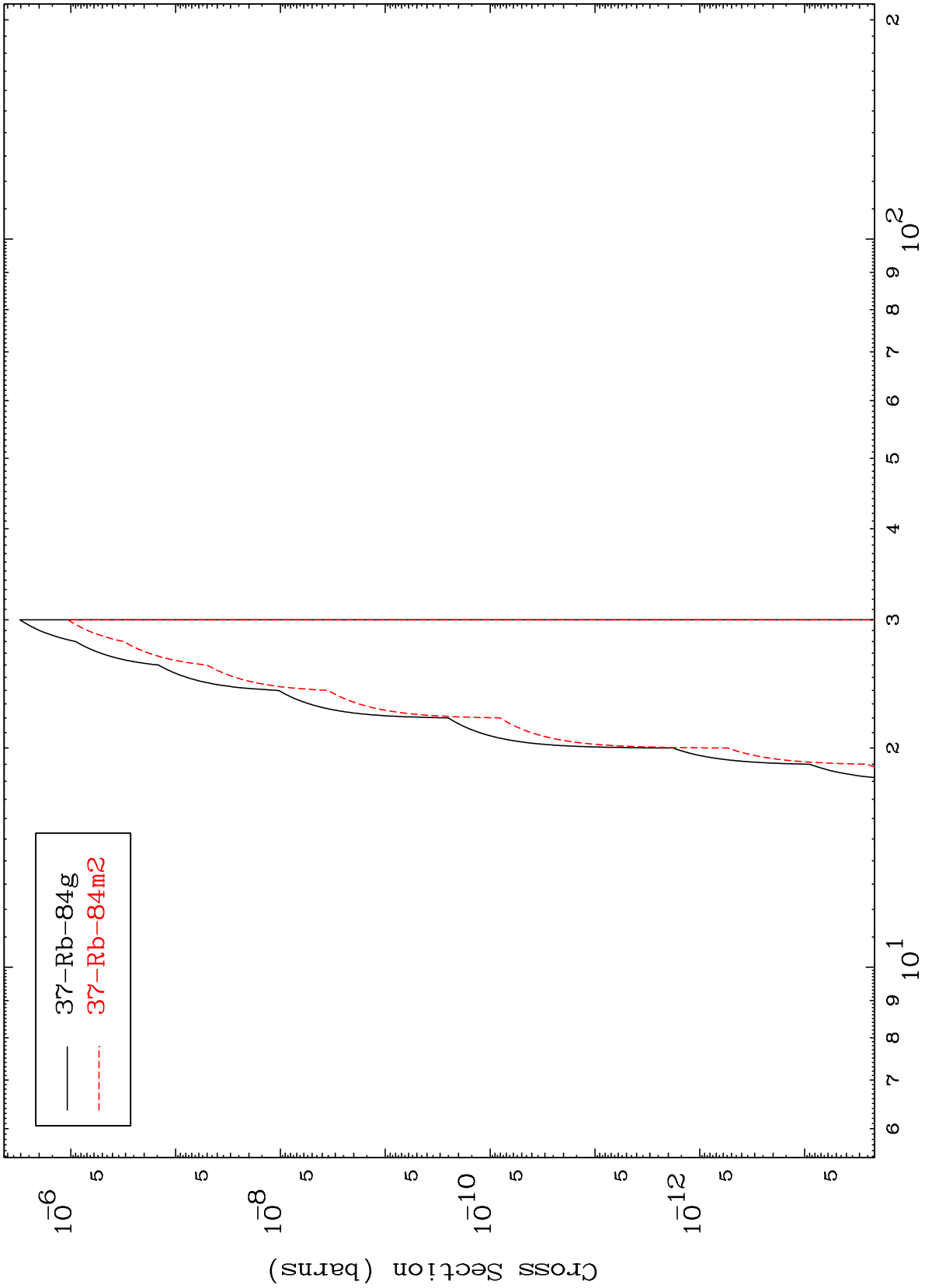
Incident Energy (MeV)

40-Zr-91

MAT 4028

40-Zr-91

(p,2α)
Radionuclide Production Cross Section



24

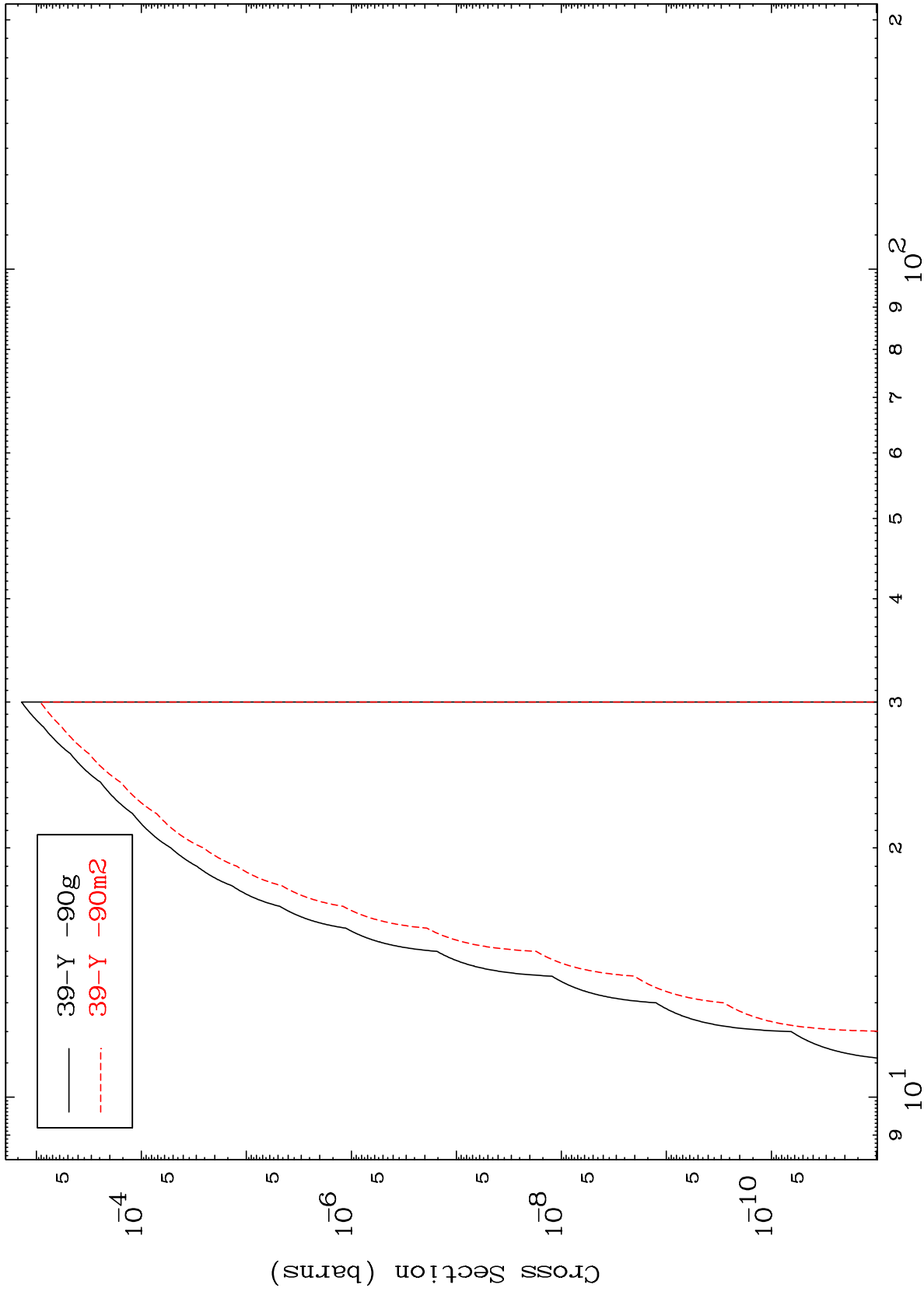
Incident Energy (MeV)

40-Zr-91

MAT 4028

40-Zr-91

Radionuclide Production Cross Section
(p,2p)



25

Incident Energy (MeV)

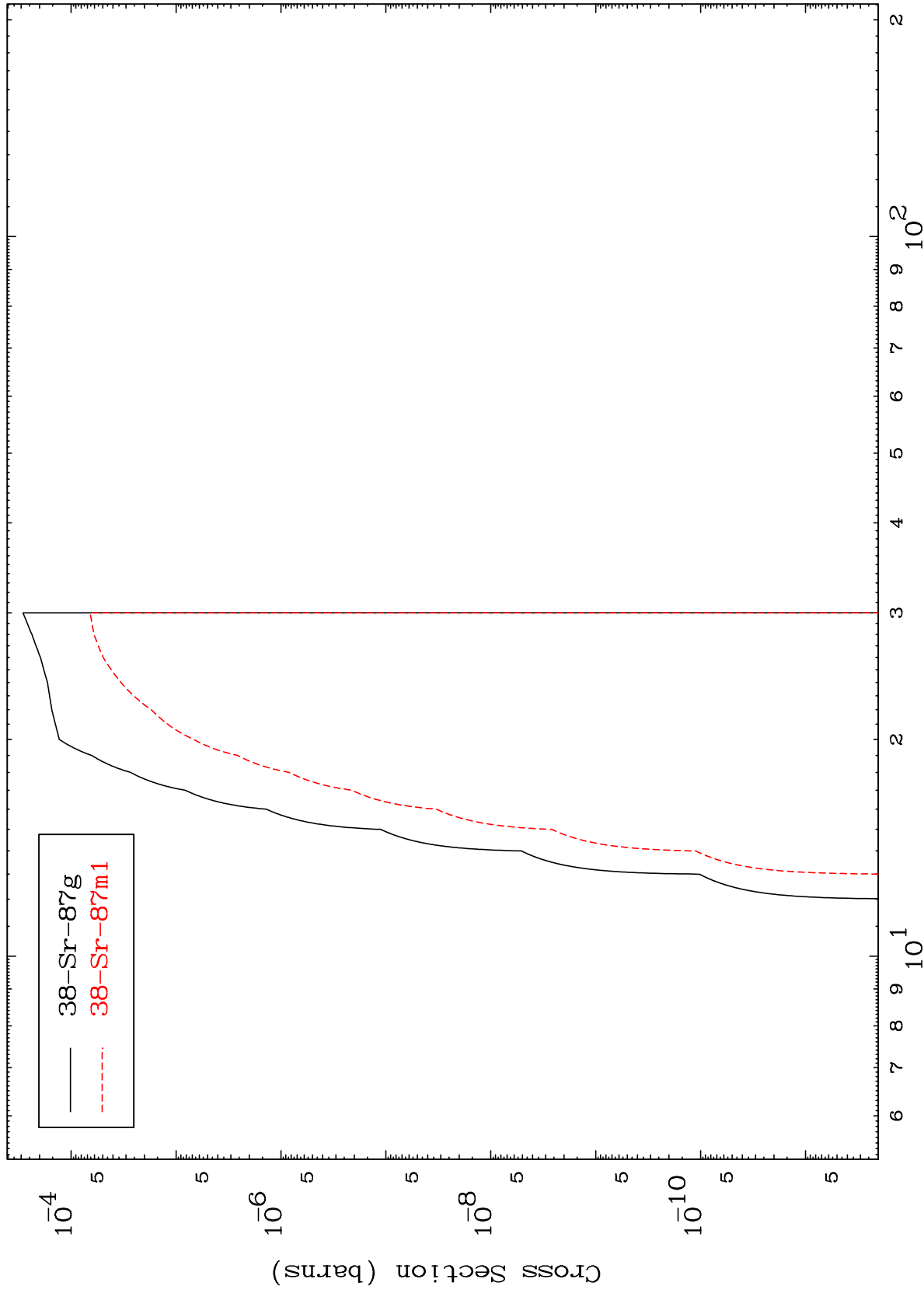
40-Zr-91

MAT 4028

(p,p) α

40-Zr-91

Radionuclide Production Cross Section



26

Incident Energy (MeV)

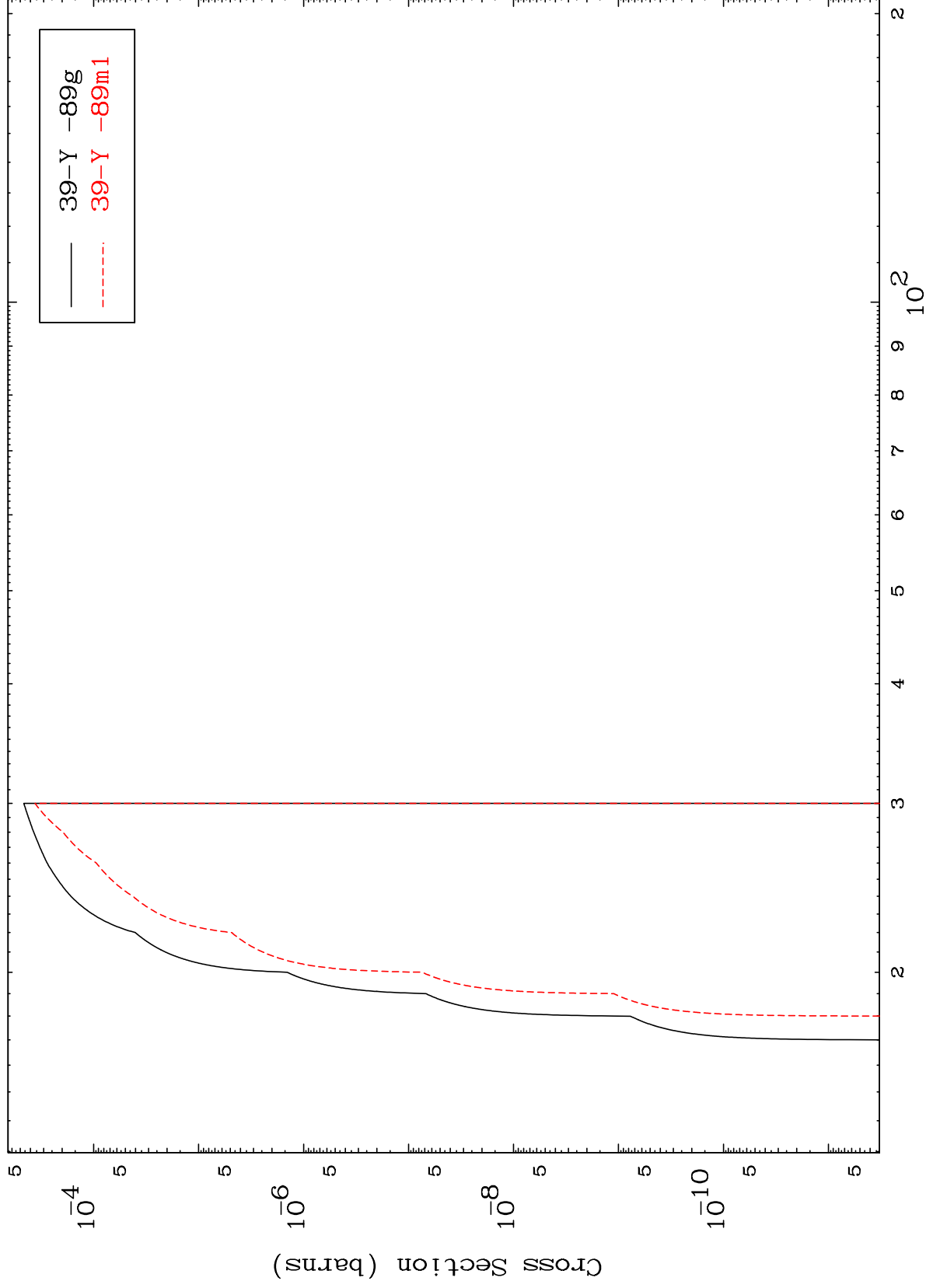
40-Zr-91

MAT 4028

(p,p) d

40-Zr-91

Radionuclide Production Cross Section



27

Incident Energy (MeV)

40-Zr-91