

Program EVALPLOT
(Version 2018-1)

by

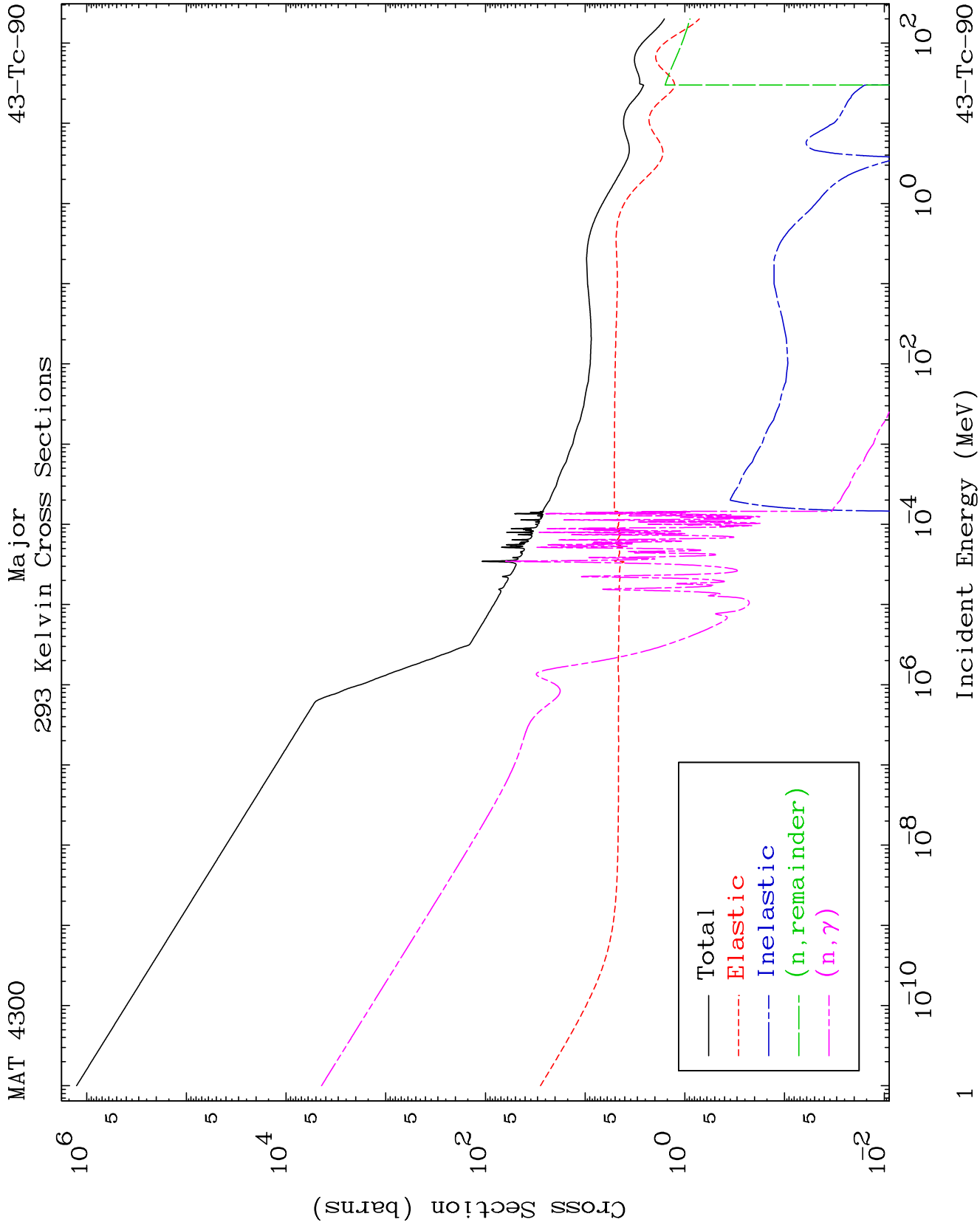
Dermott E. Cullen
(Present Contact Information)

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E.Mail:redcullen1@comcast.net
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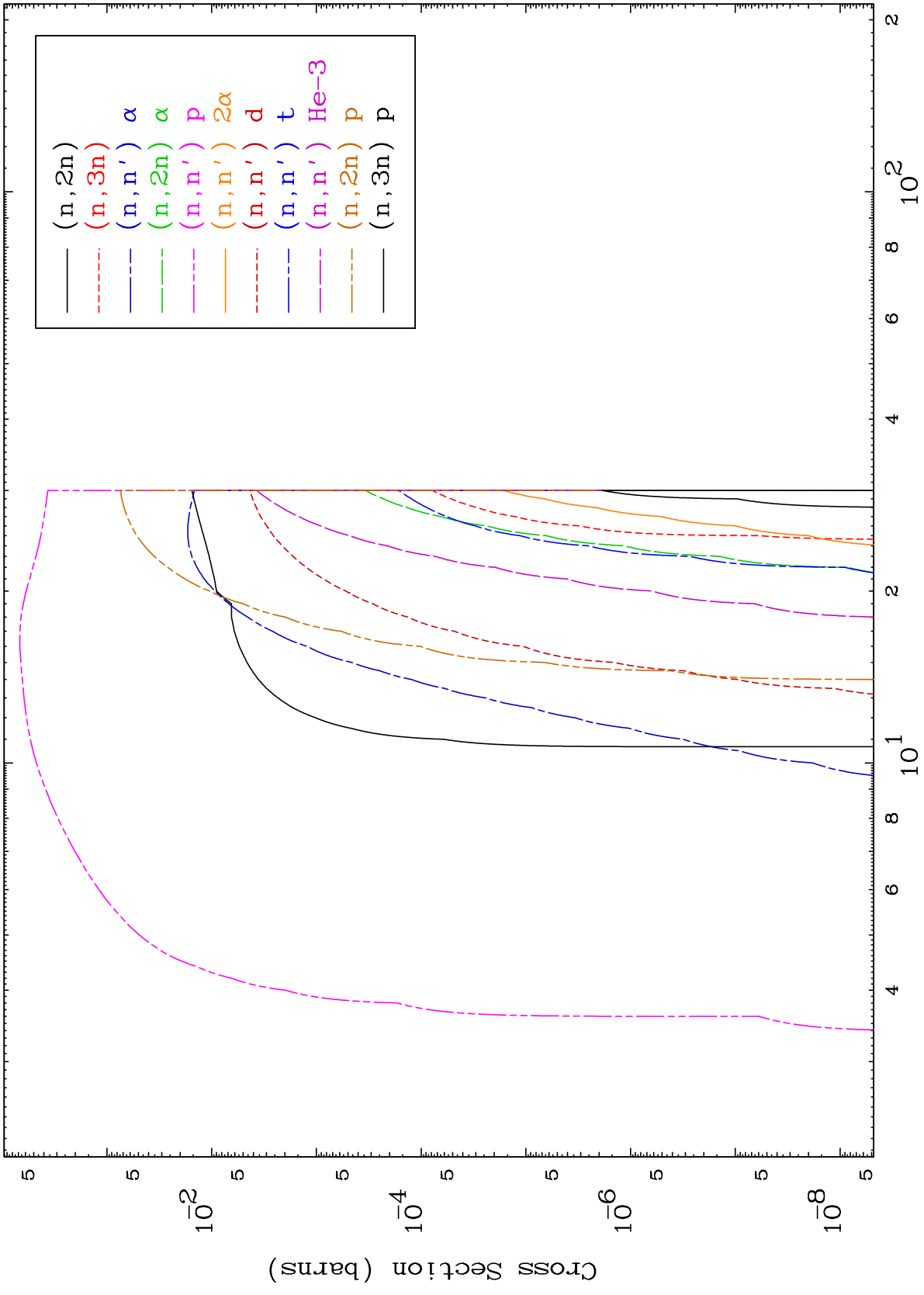
Press Mouse Button to Start



MAT 4300

Neutron Production
293 Kelvin Cross Sections

43-Tc-90



2

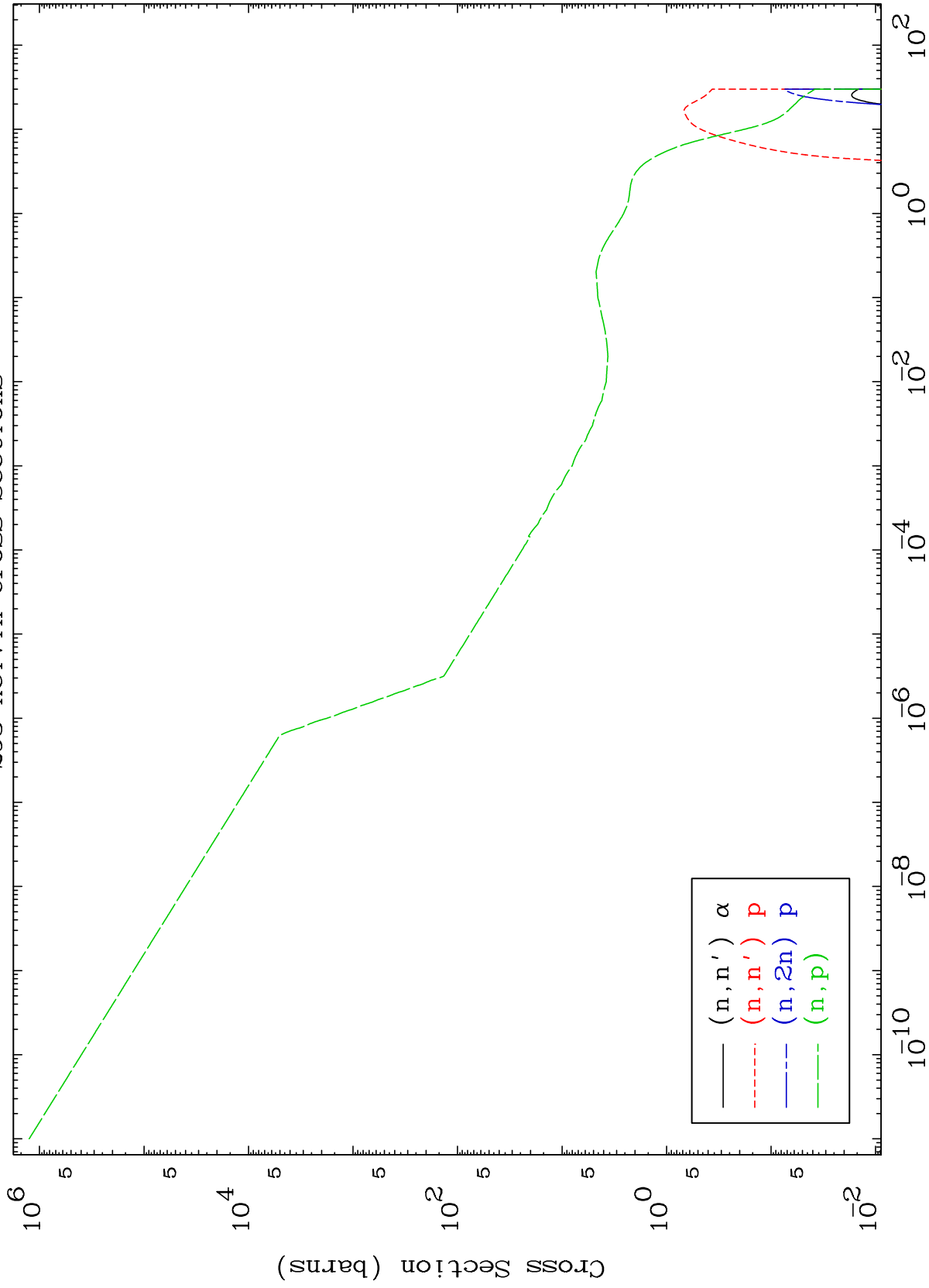
Incident Energy (MeV)

43-Tc-90

MAT 4300

Charged Particle
293 Kelvin Cross Sections

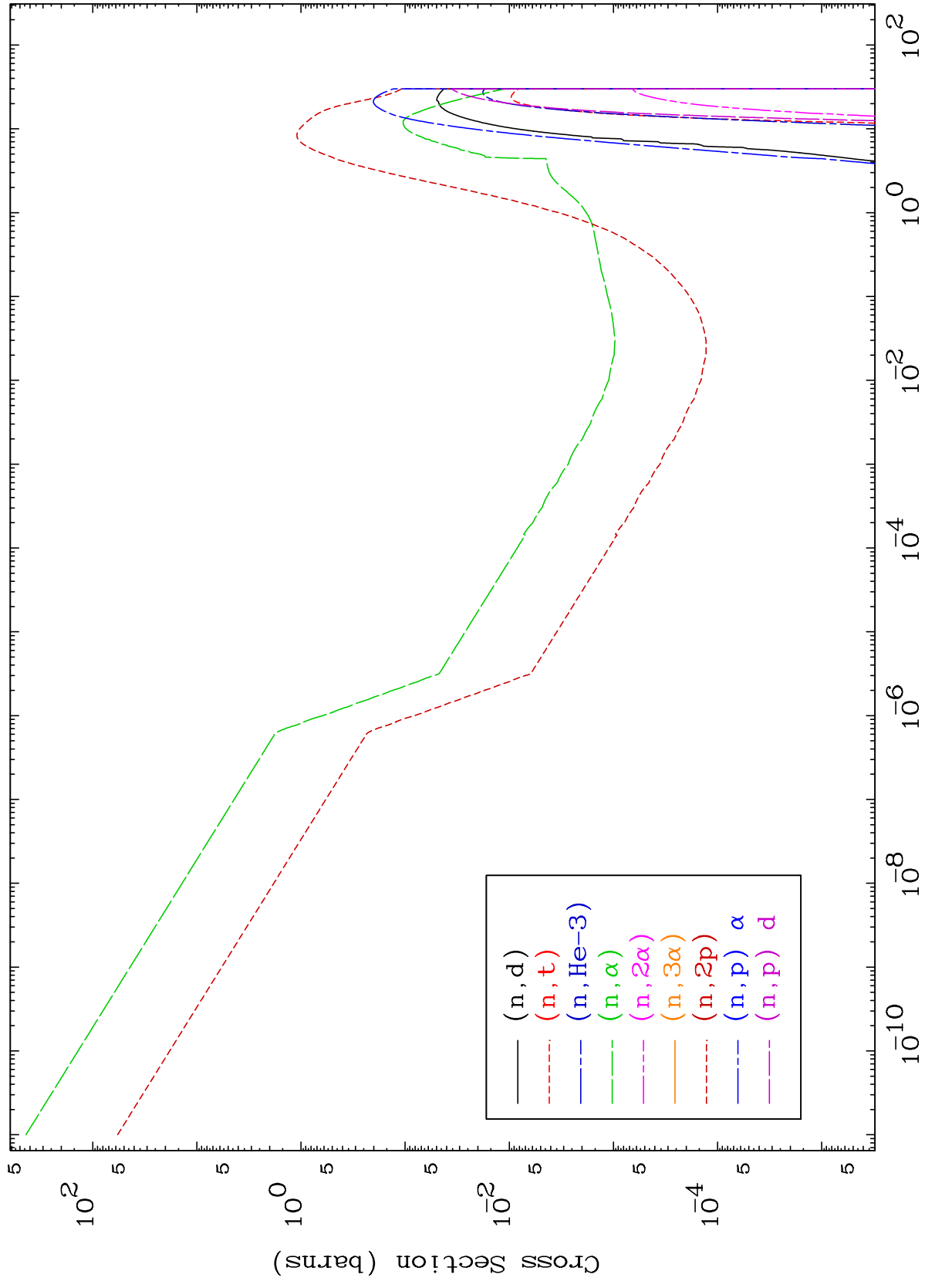
43-Tc-90



MAT 4300

Charged Particle
293 Kelvin Cross Sections

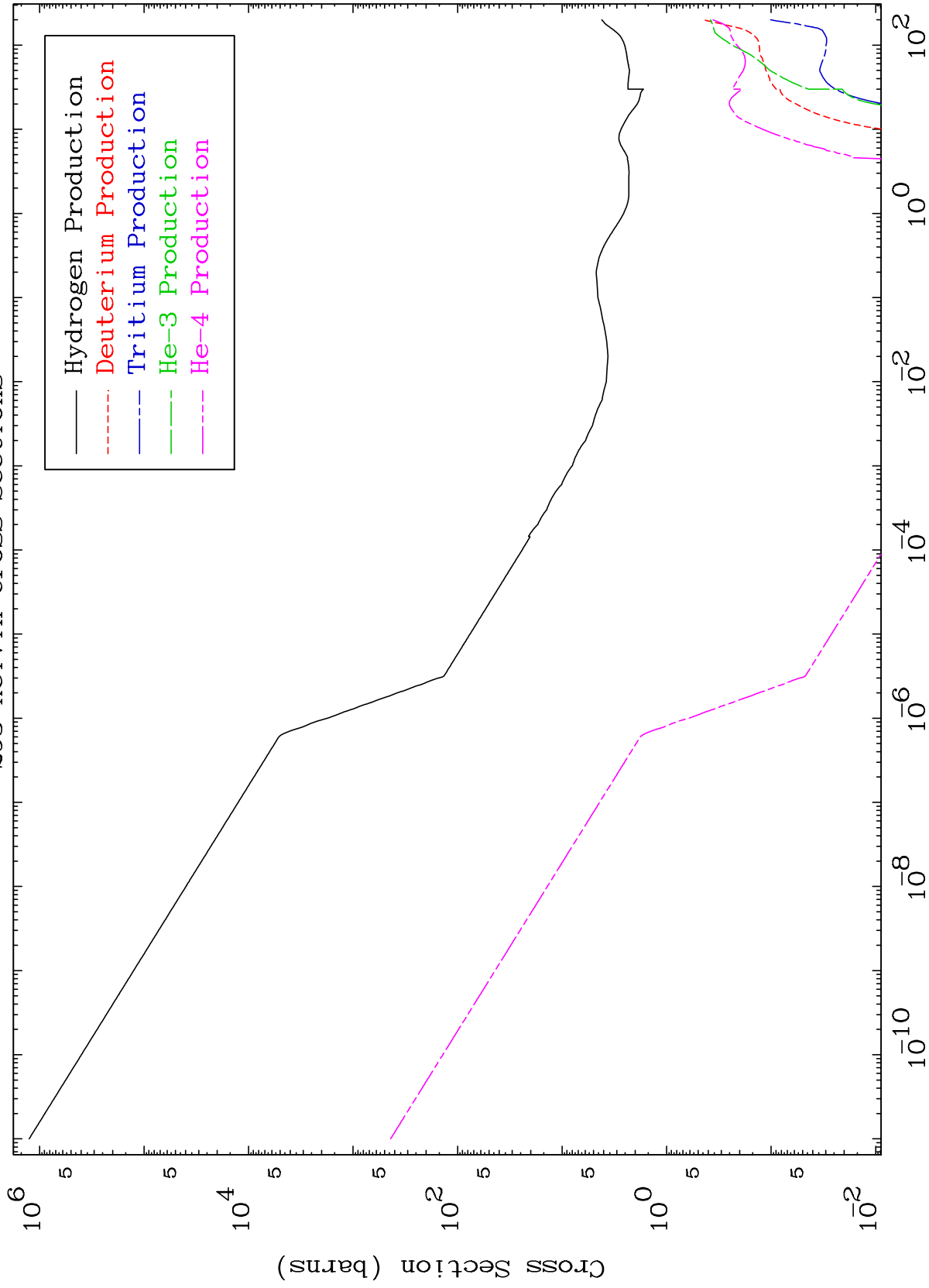
43-Tc-90



MAT 4300

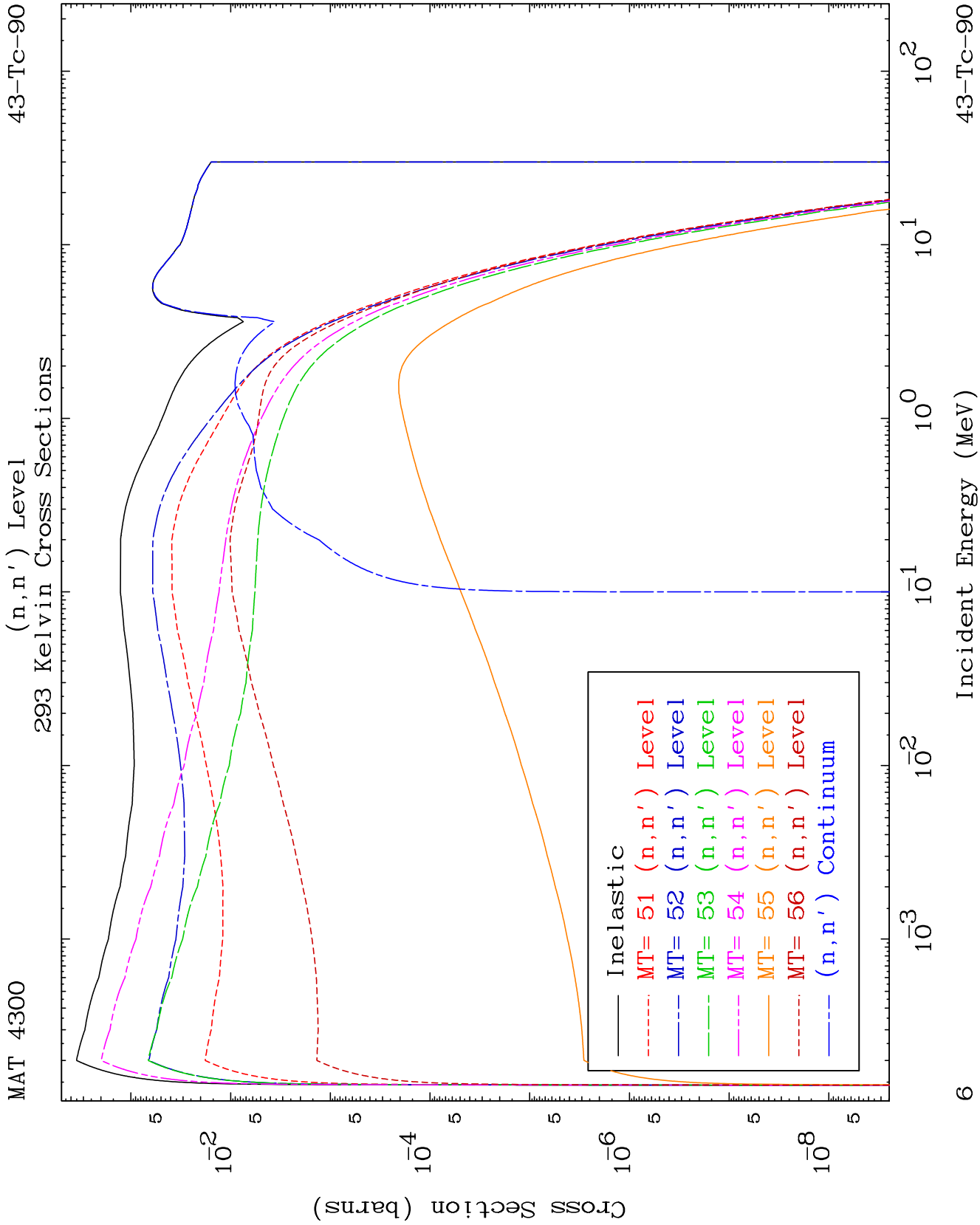
Particle Production
293 Kelvin Cross Sections

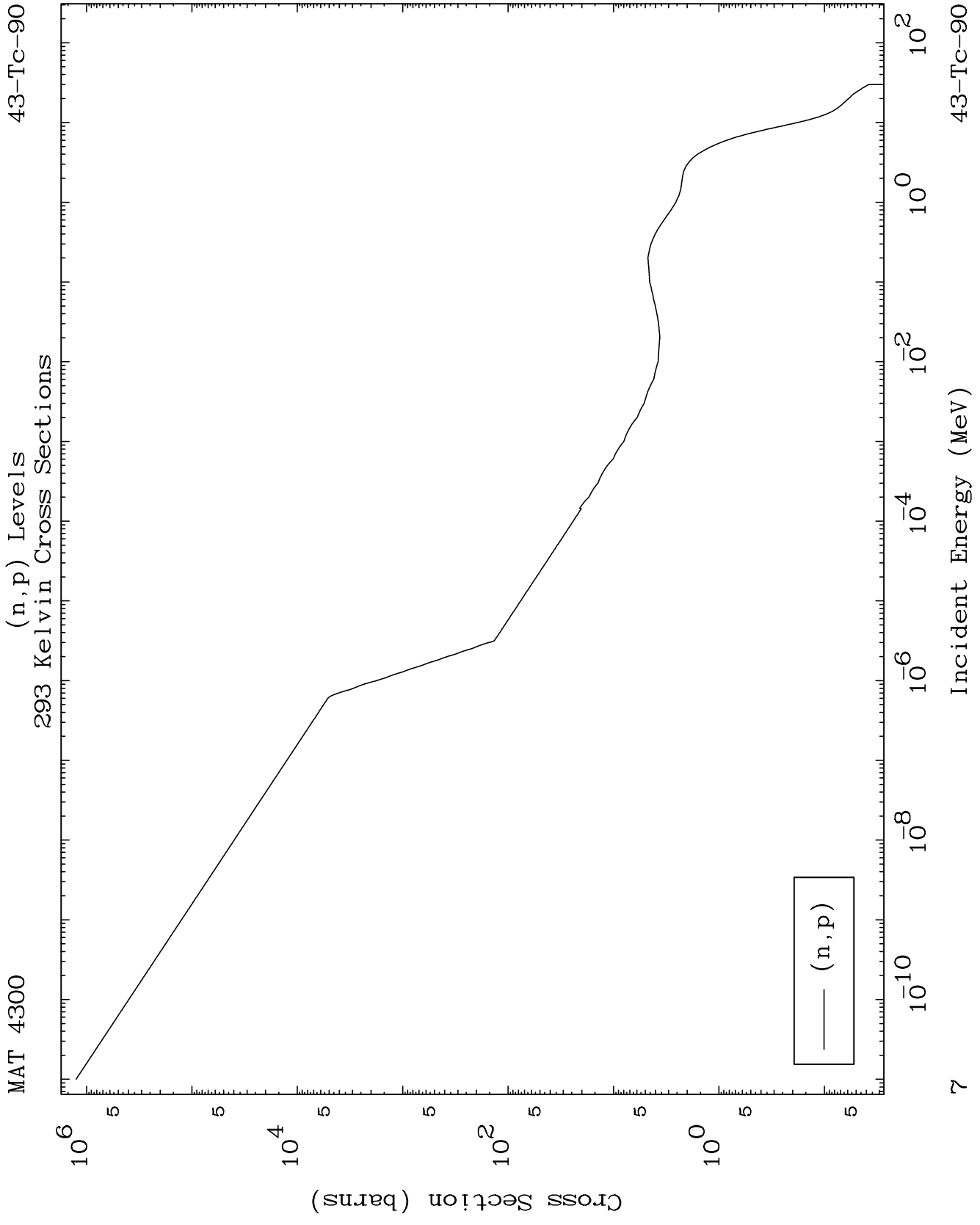
43-Tc-90



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43-Tc-90

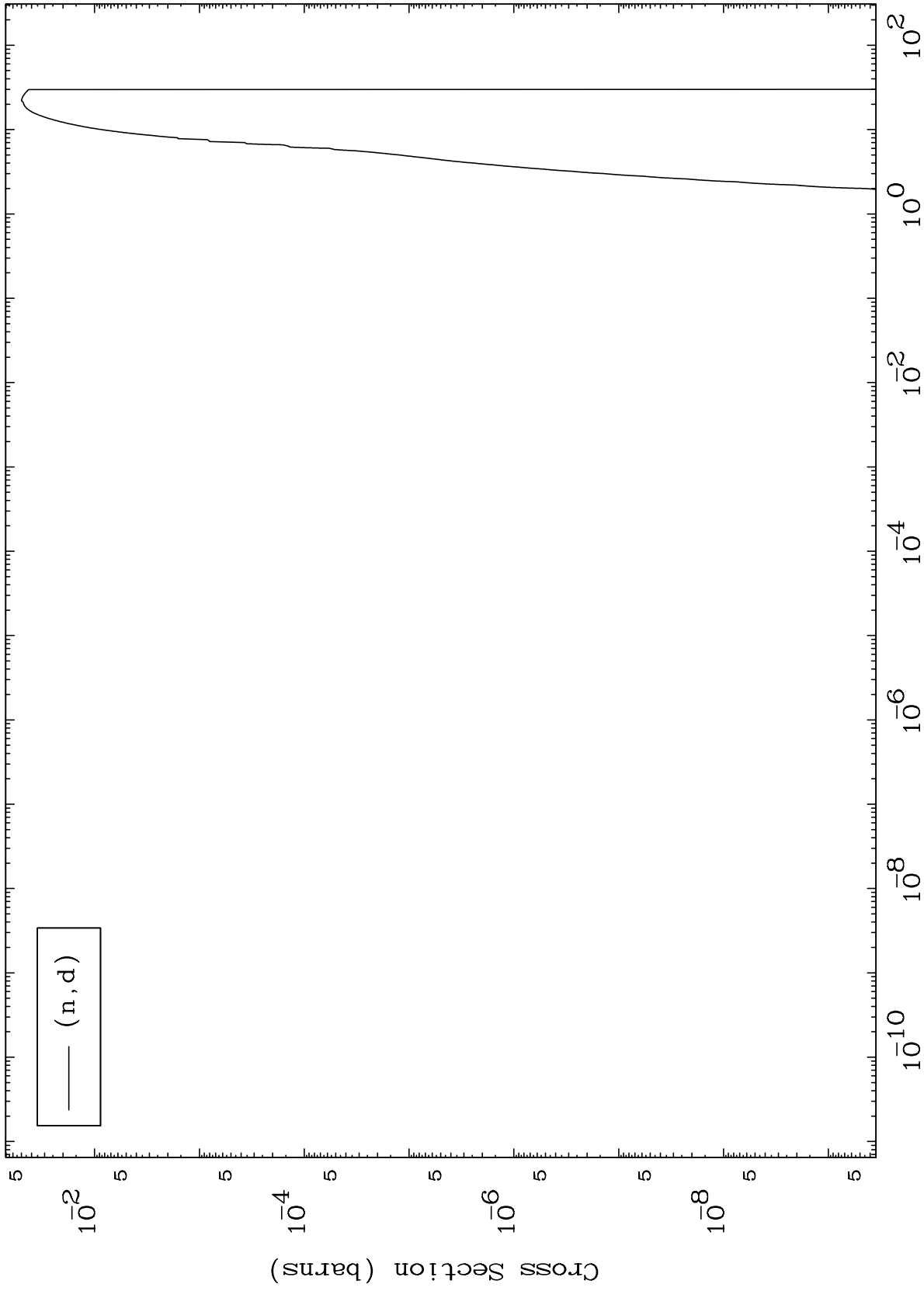


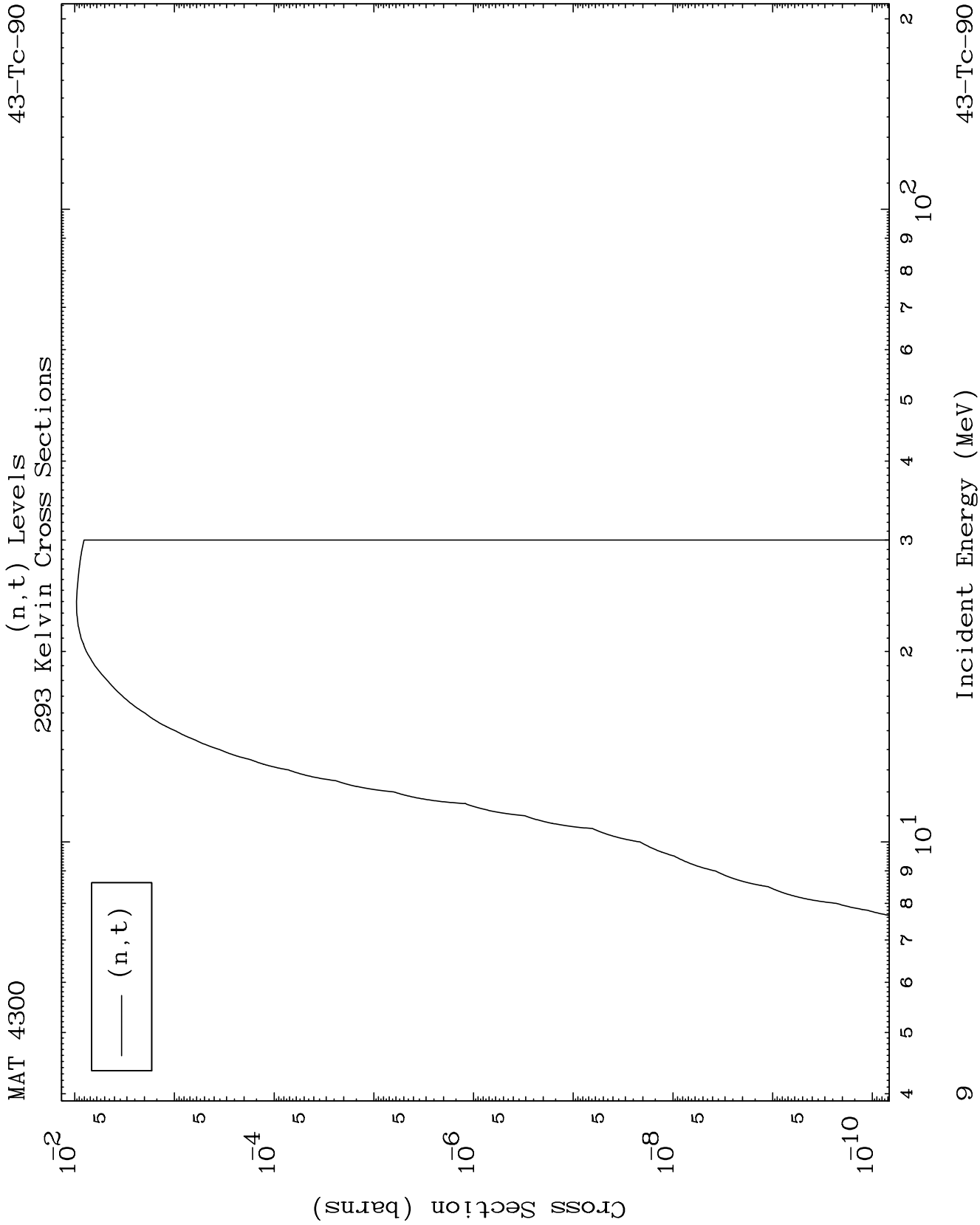


MAT 4300

(n,d) Levels
293 Kelvin Cross Sections

43-Tc-90

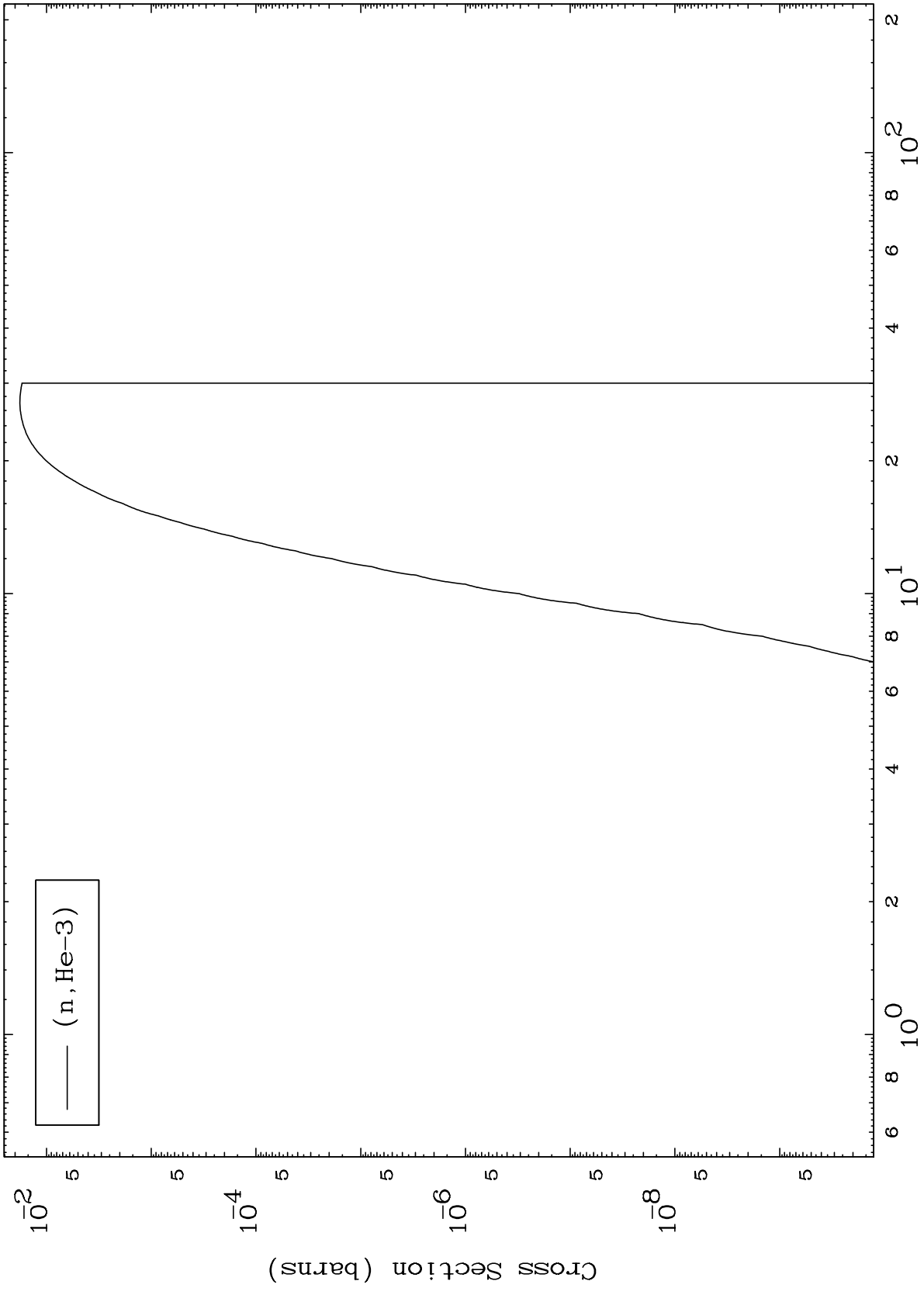




MAT 4300

(n,He3) Levels
293 Kelvin Cross Sections

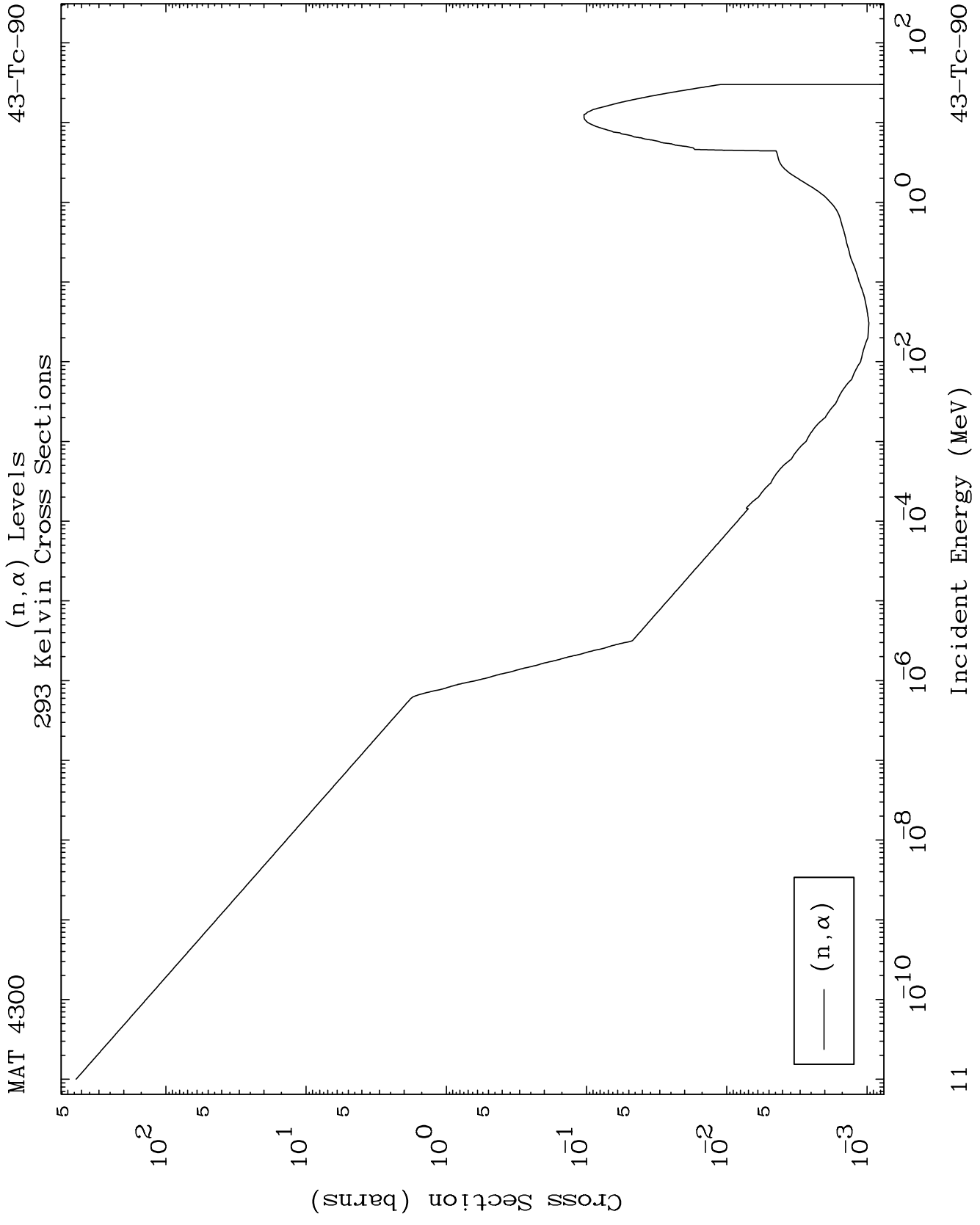
43-Tc-90



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Incident Energy (MeV)

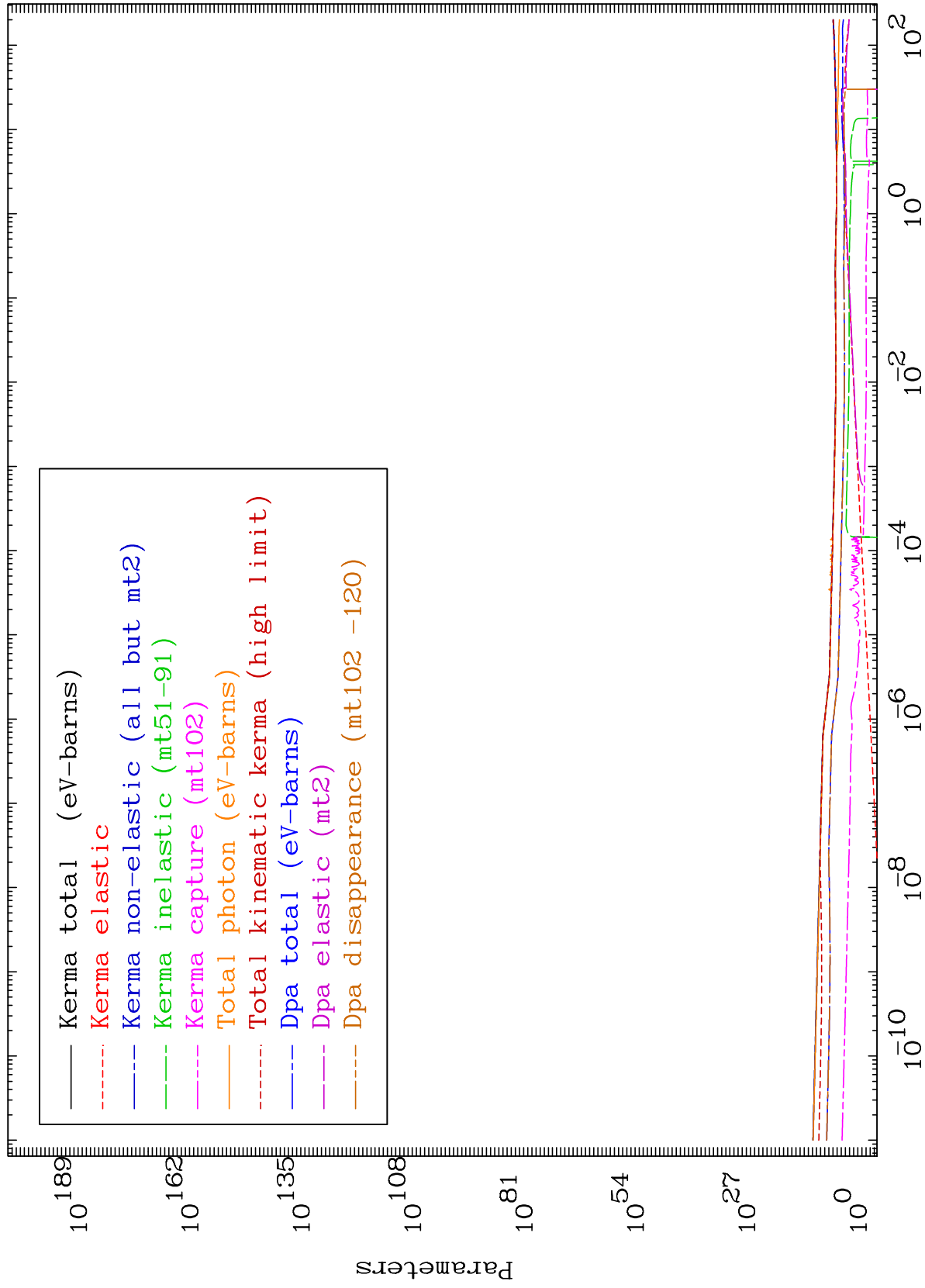
43-Tc-90

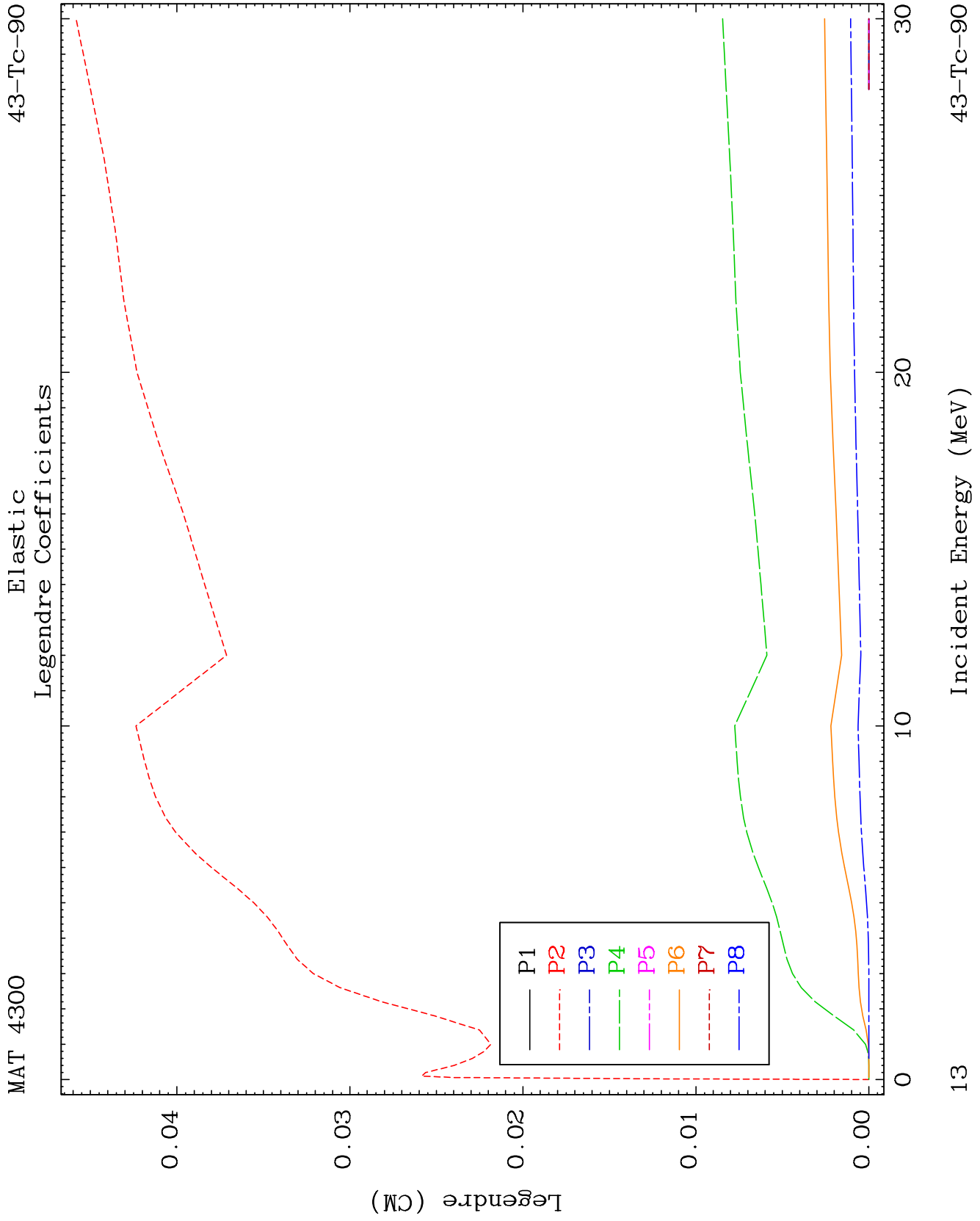


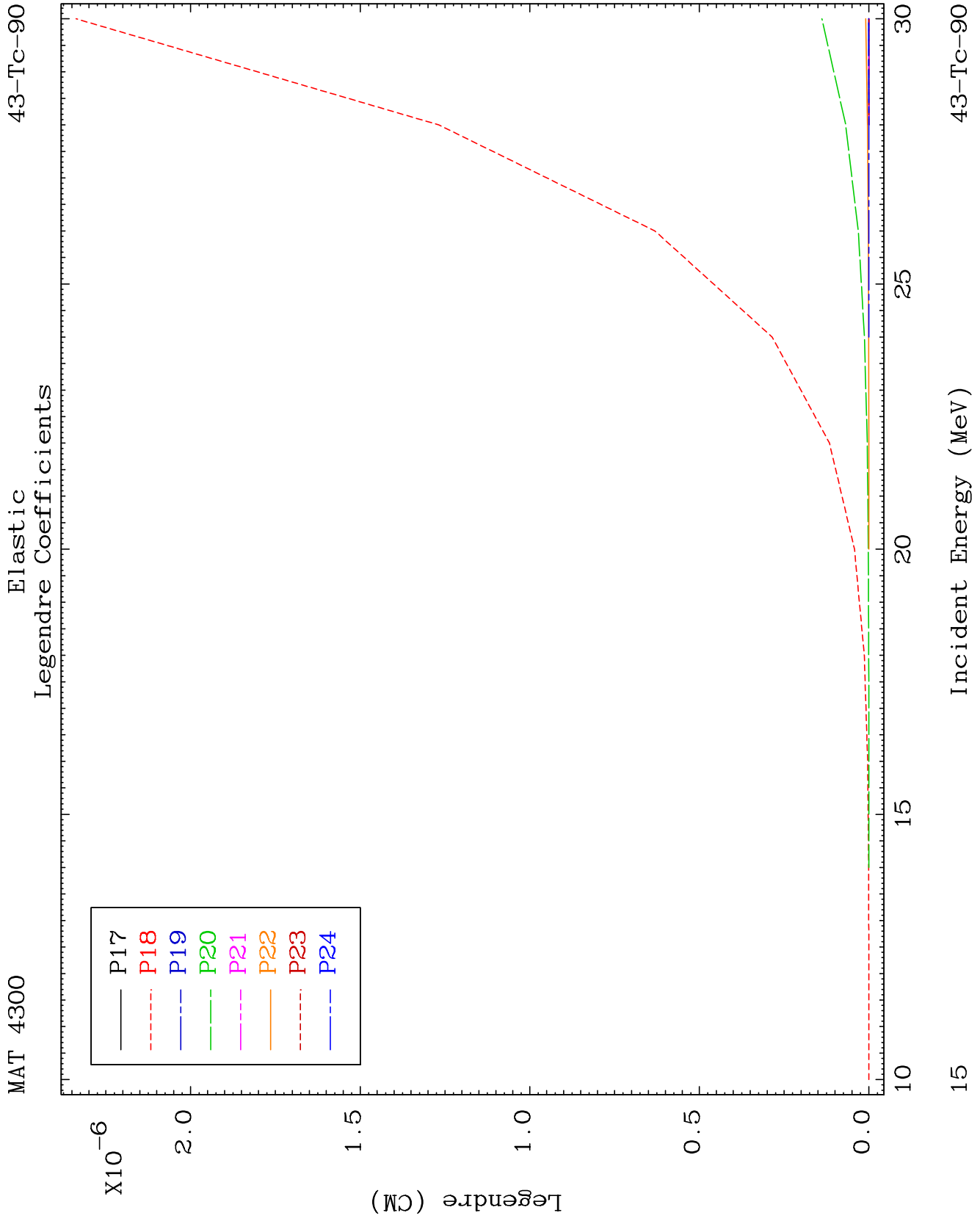
MAT 4300

Energy Release
Parameters

43-Tc-90



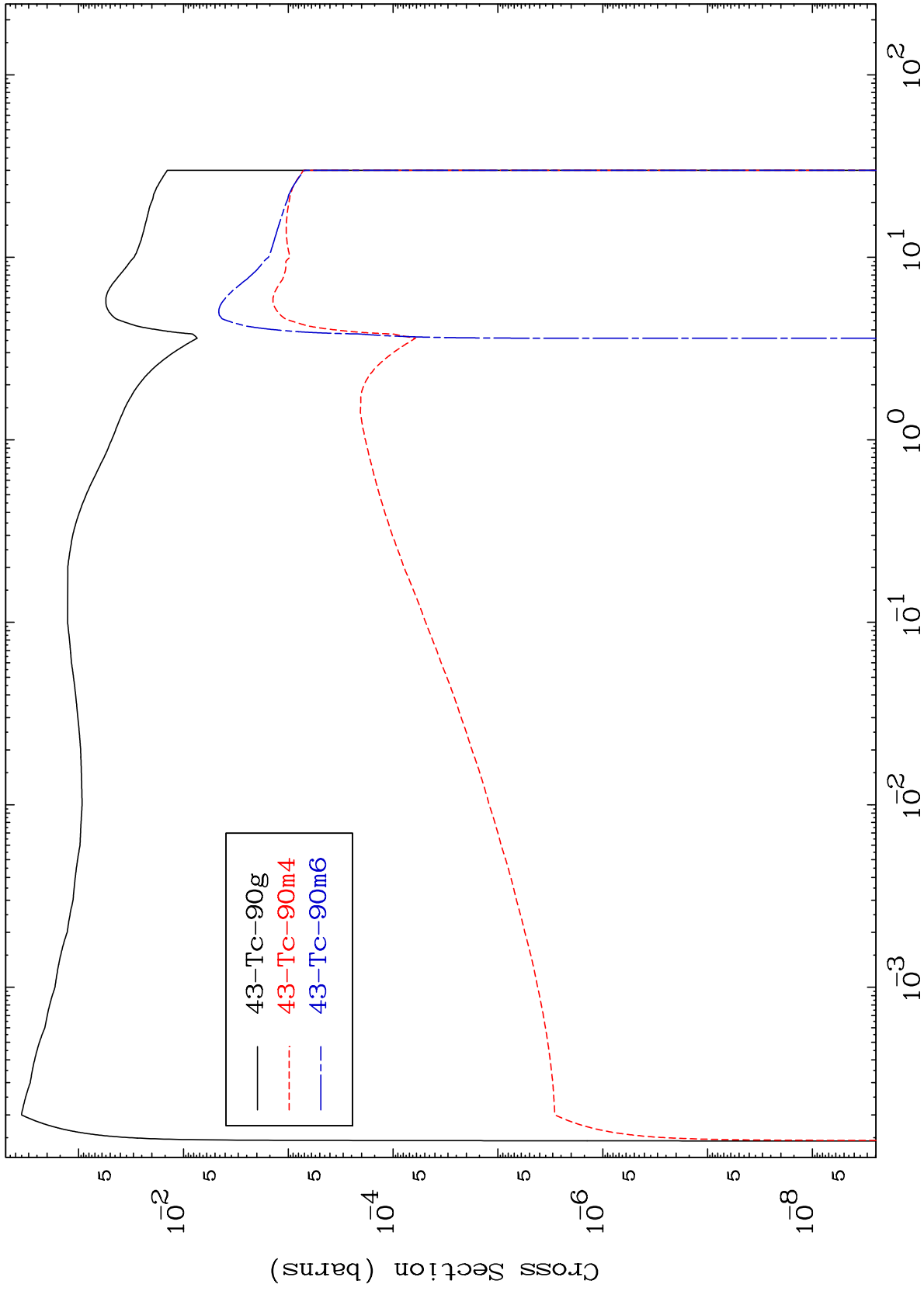




MAT 4300

Inelastic
Radionuclide Production Cross Section

43-Tc-90



16

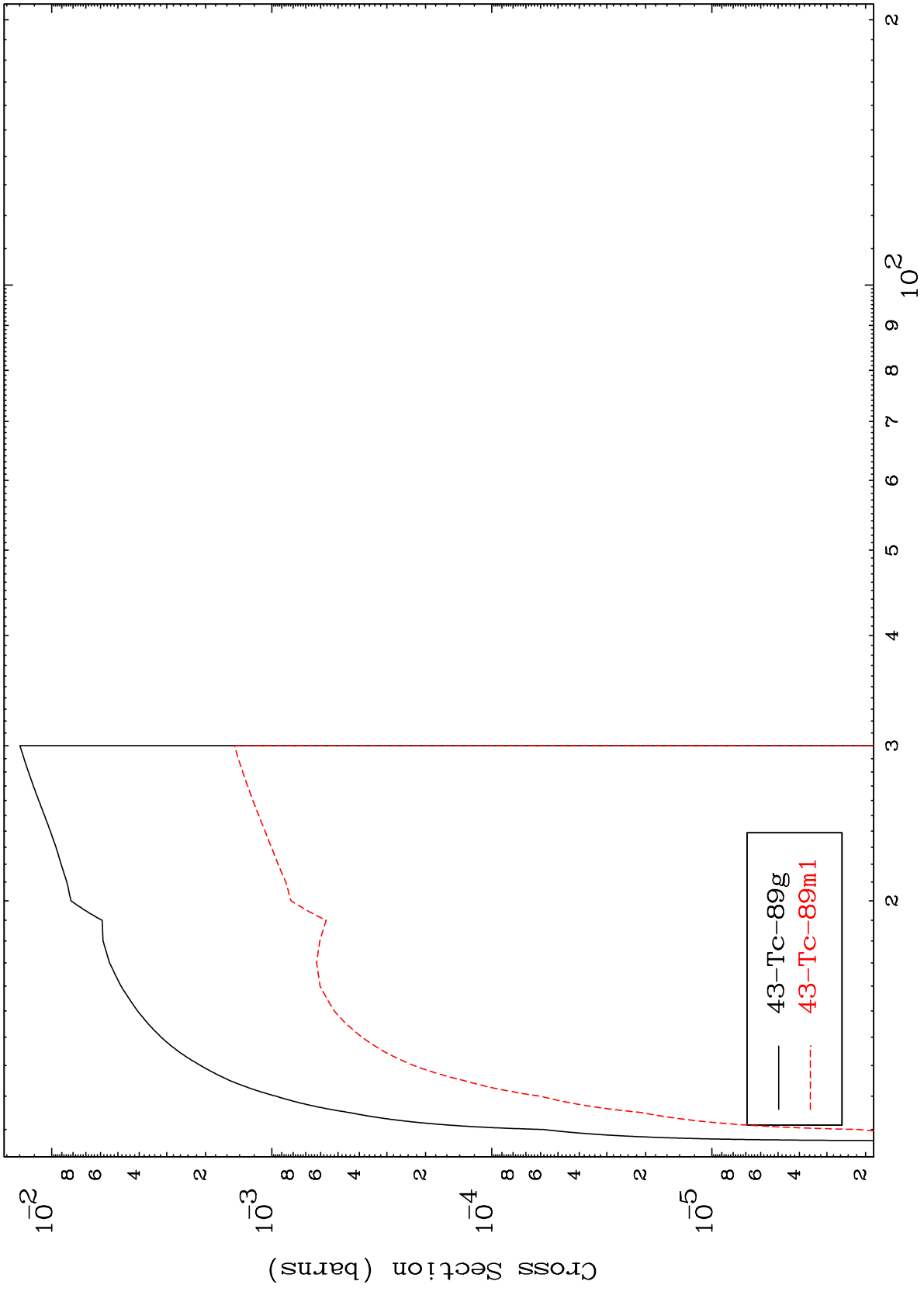
43-Tc-90

MAT 4300

(n,2n)

43-Tc-90

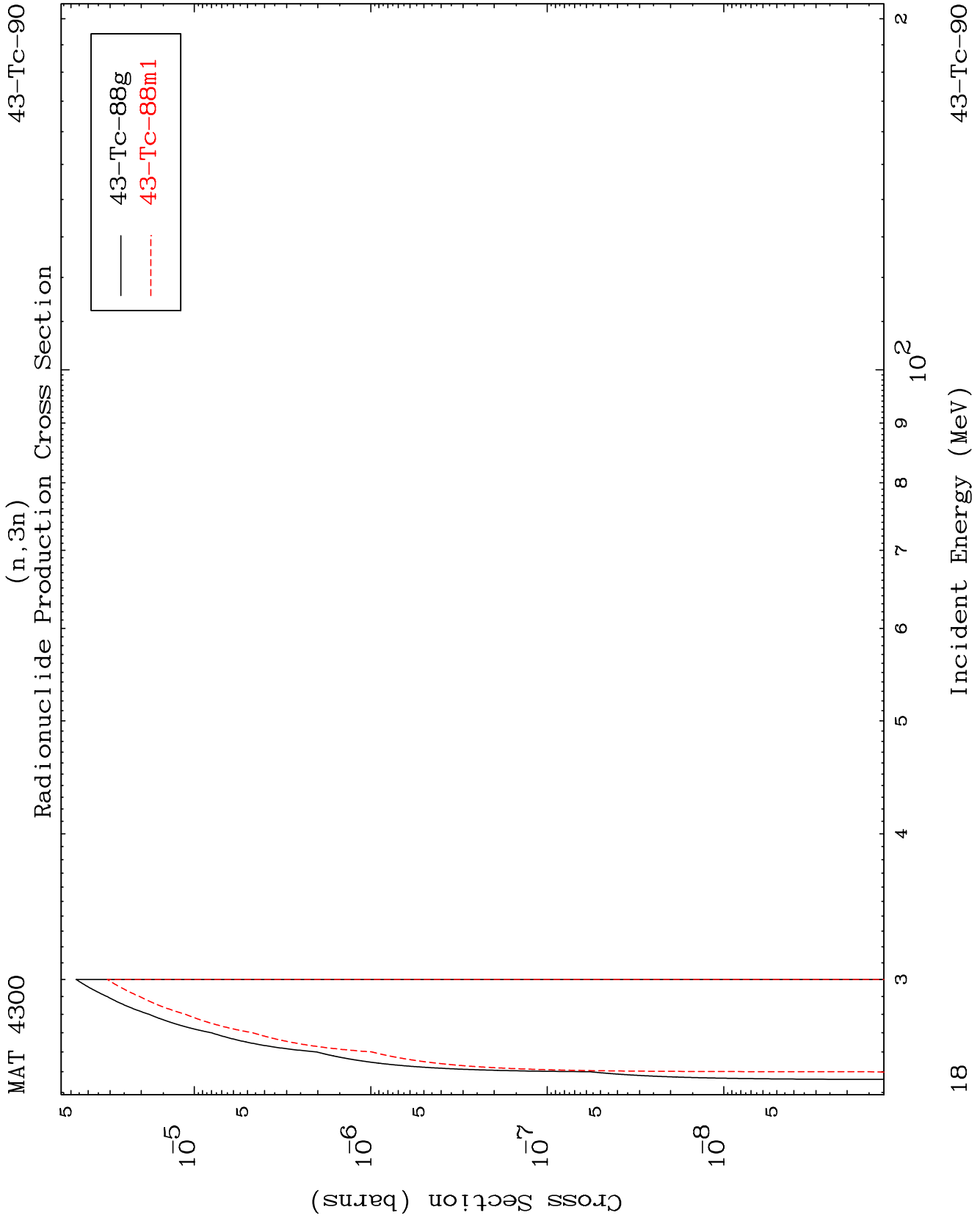
Radionuclide Production Cross Section



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Incident Energy (MeV)

43-Tc-90

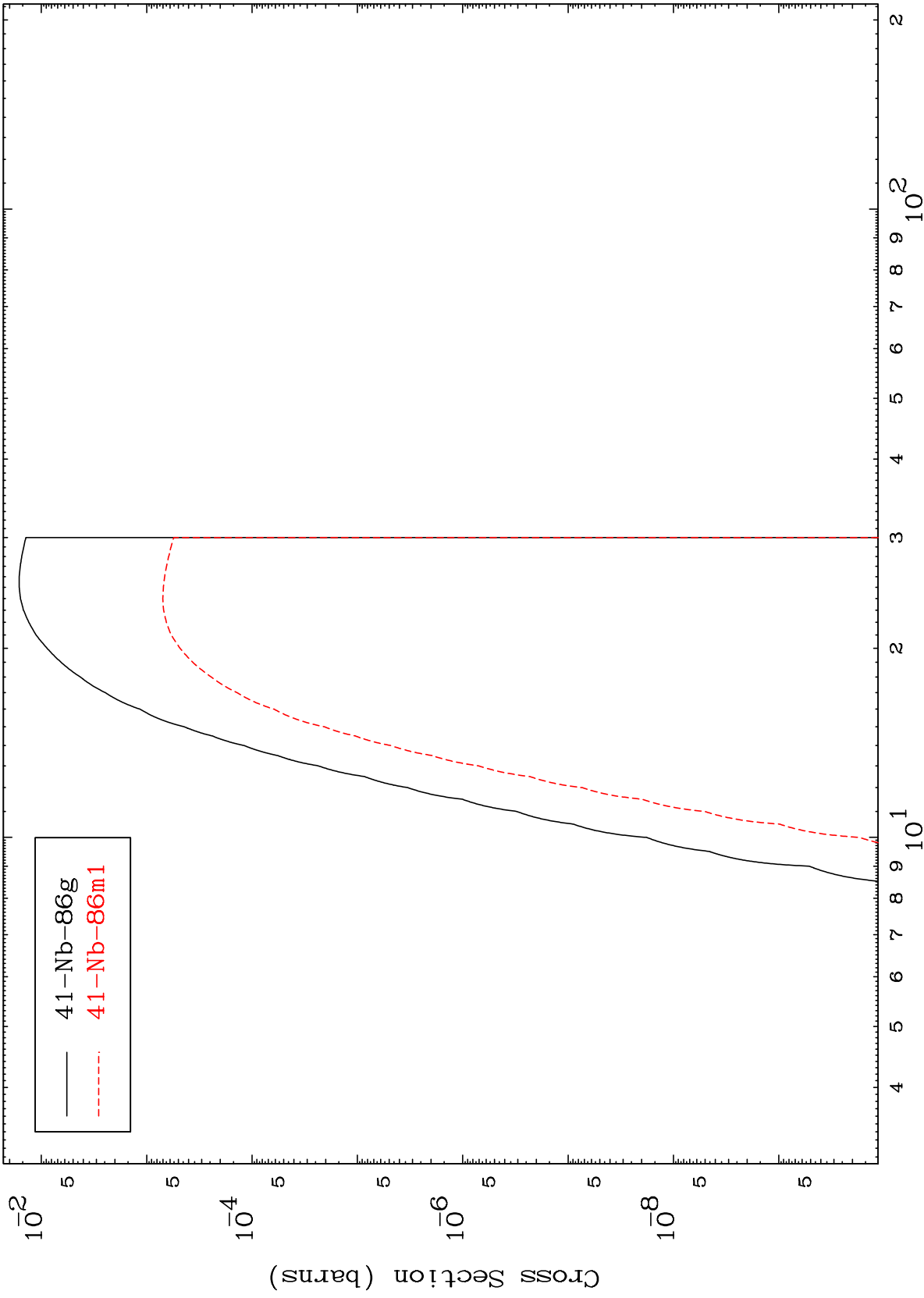


MAT 4300

(n,n') α

43-Tc-90

Radionuclide Production Cross Section



19

Incident Energy (MeV)

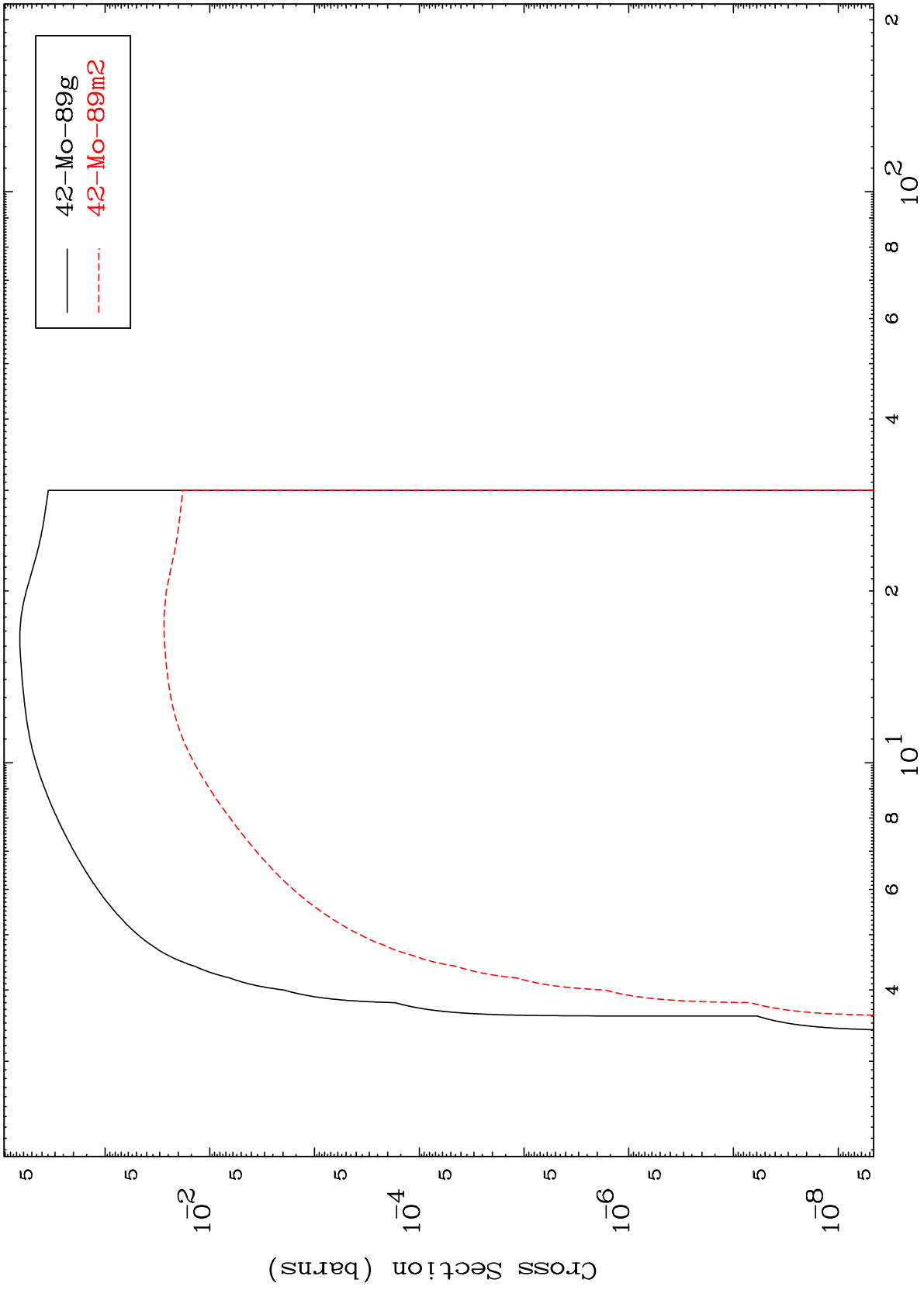
43-Tc-90

MAT 4300

(n,n') p

43-Tc-90

Radionuclide Production Cross Section



20

Incident Energy (MeV)

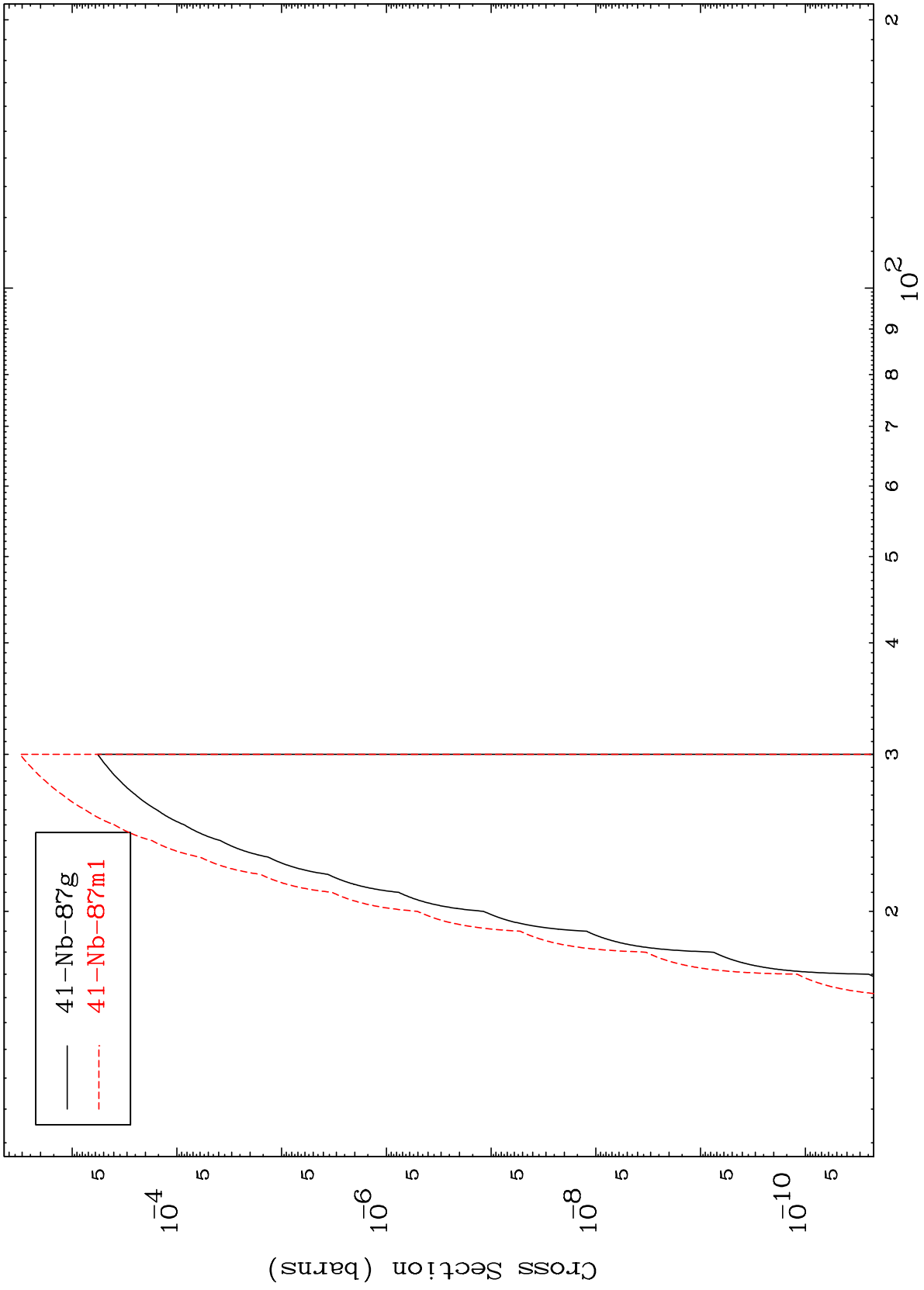
43-Tc-90

MAT 4300

(n, n') He-3

43-Tc-90

Radionuclide Production Cross Section



21

Incident Energy (MeV)

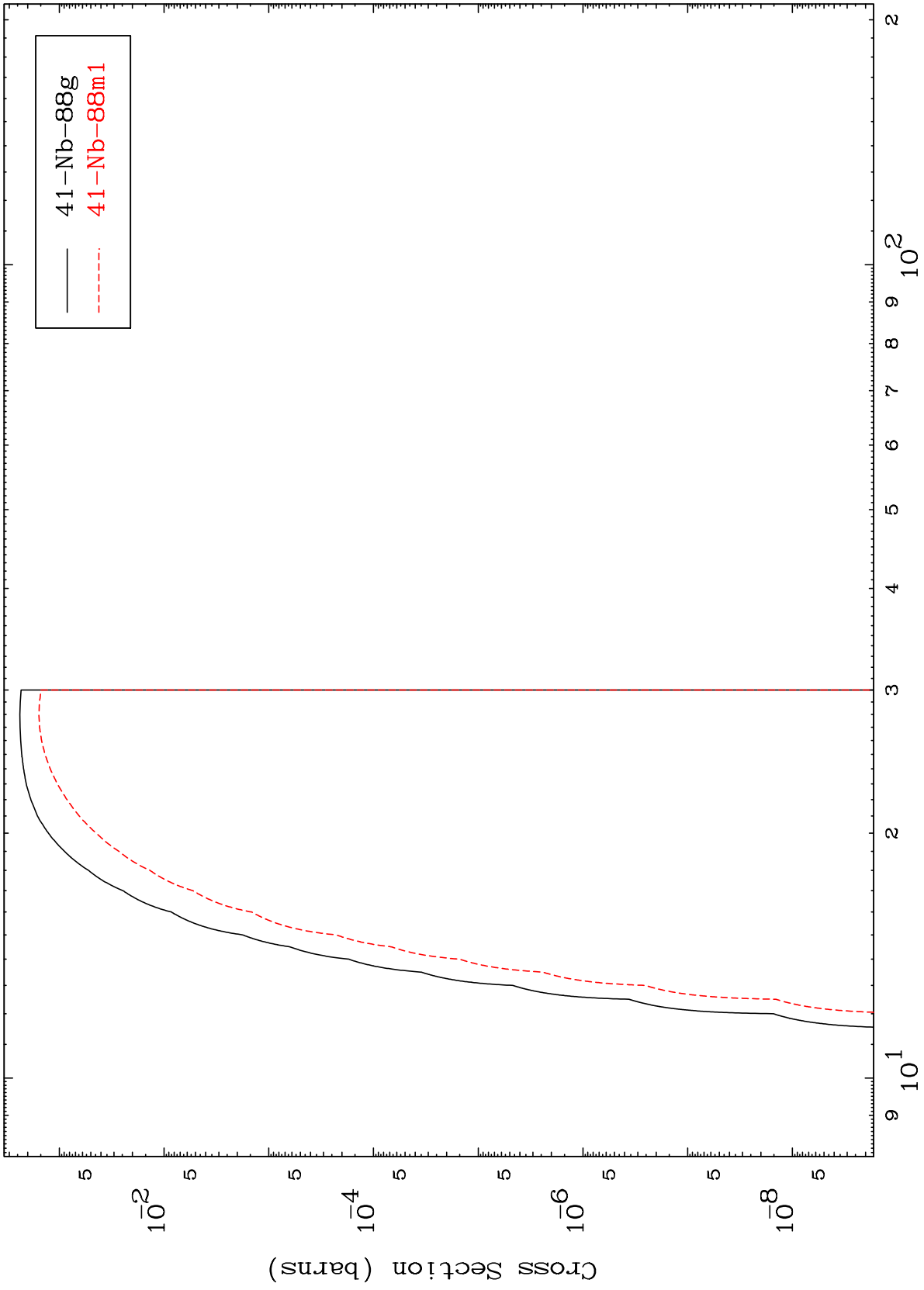
43-Tc-90

MAT 4300

(n,2n) p

43-Tc-90

Radionuclide Production Cross Section



22

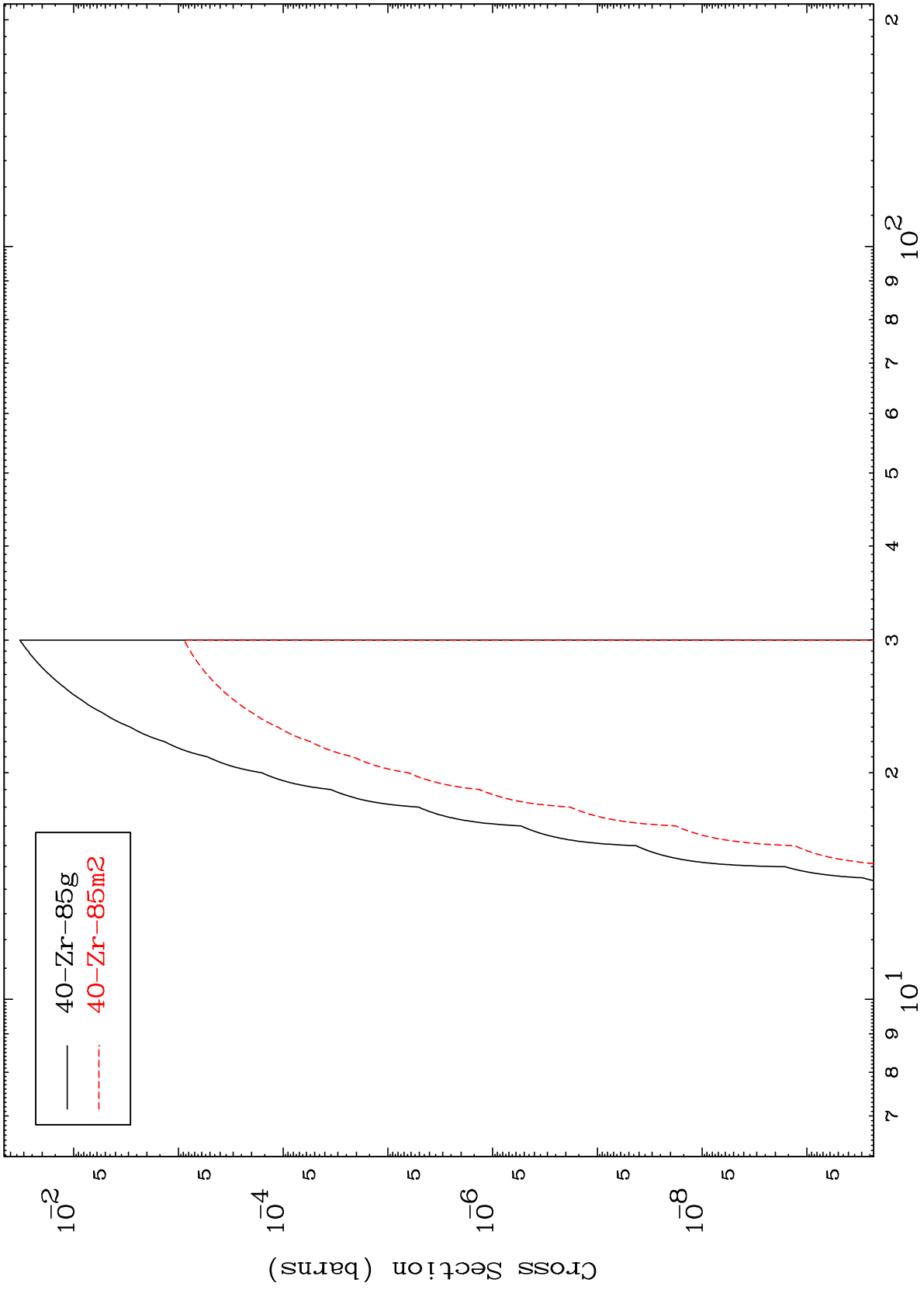
Incident Energy (MeV)

43-Tc-90

MAT 4300

43-Tc-90

(n,n') p α
Radionuclide Production Cross Section

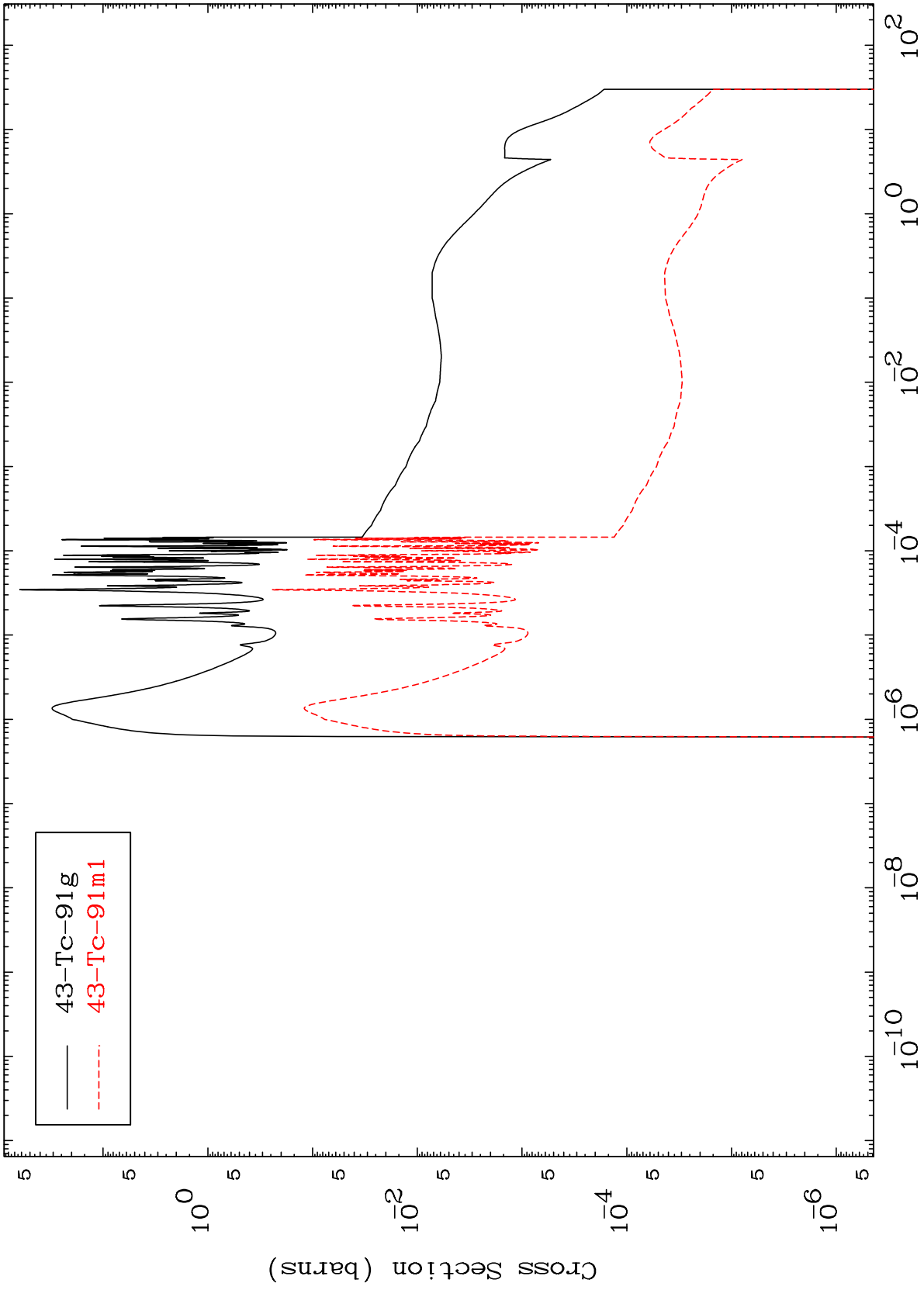


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MAT 4300

43-Tc-90

Radionuclide Production Cross Section



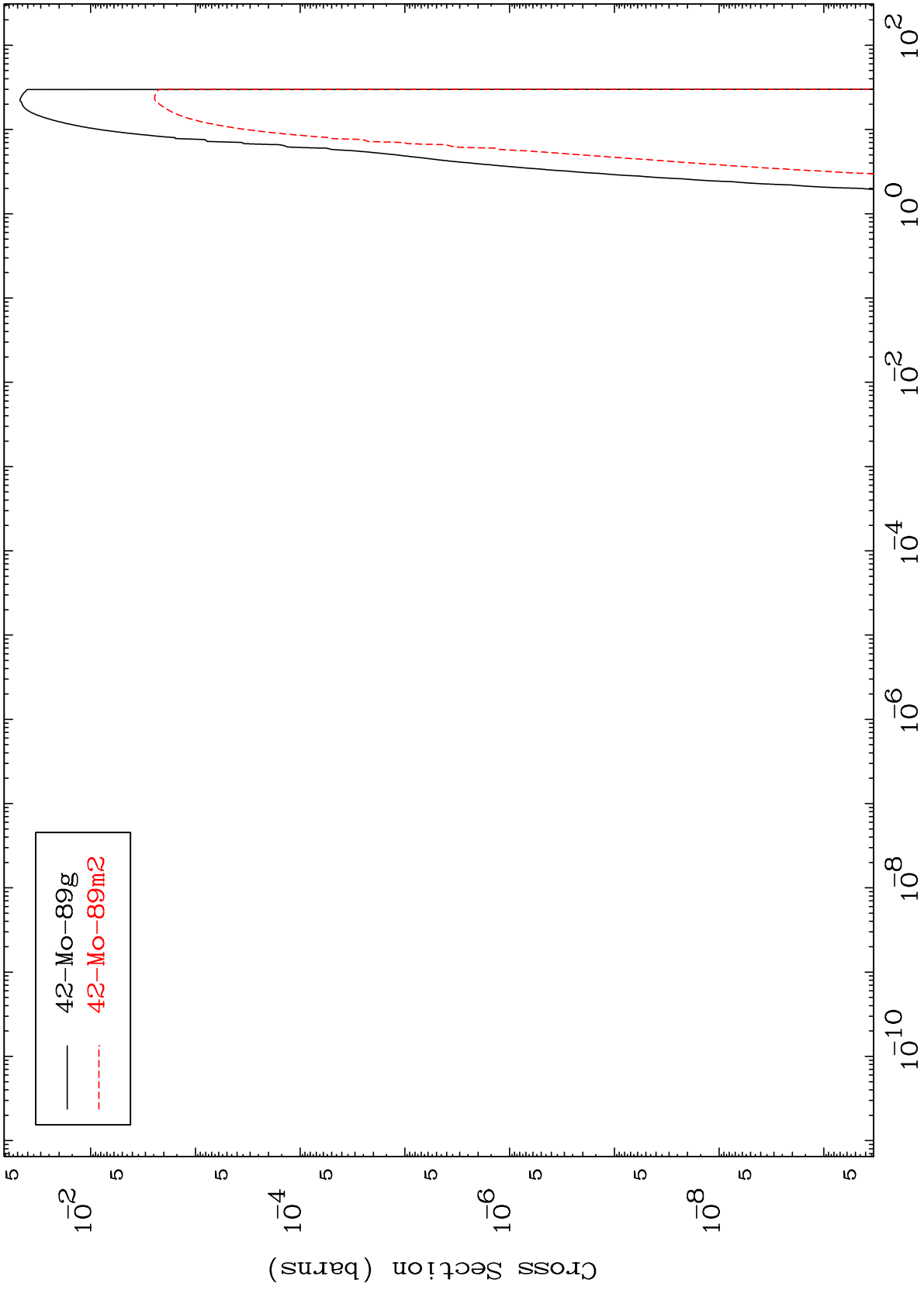
24

43-Tc-90

MAT 4300

(n,d)
Radionuclide Production Cross Section

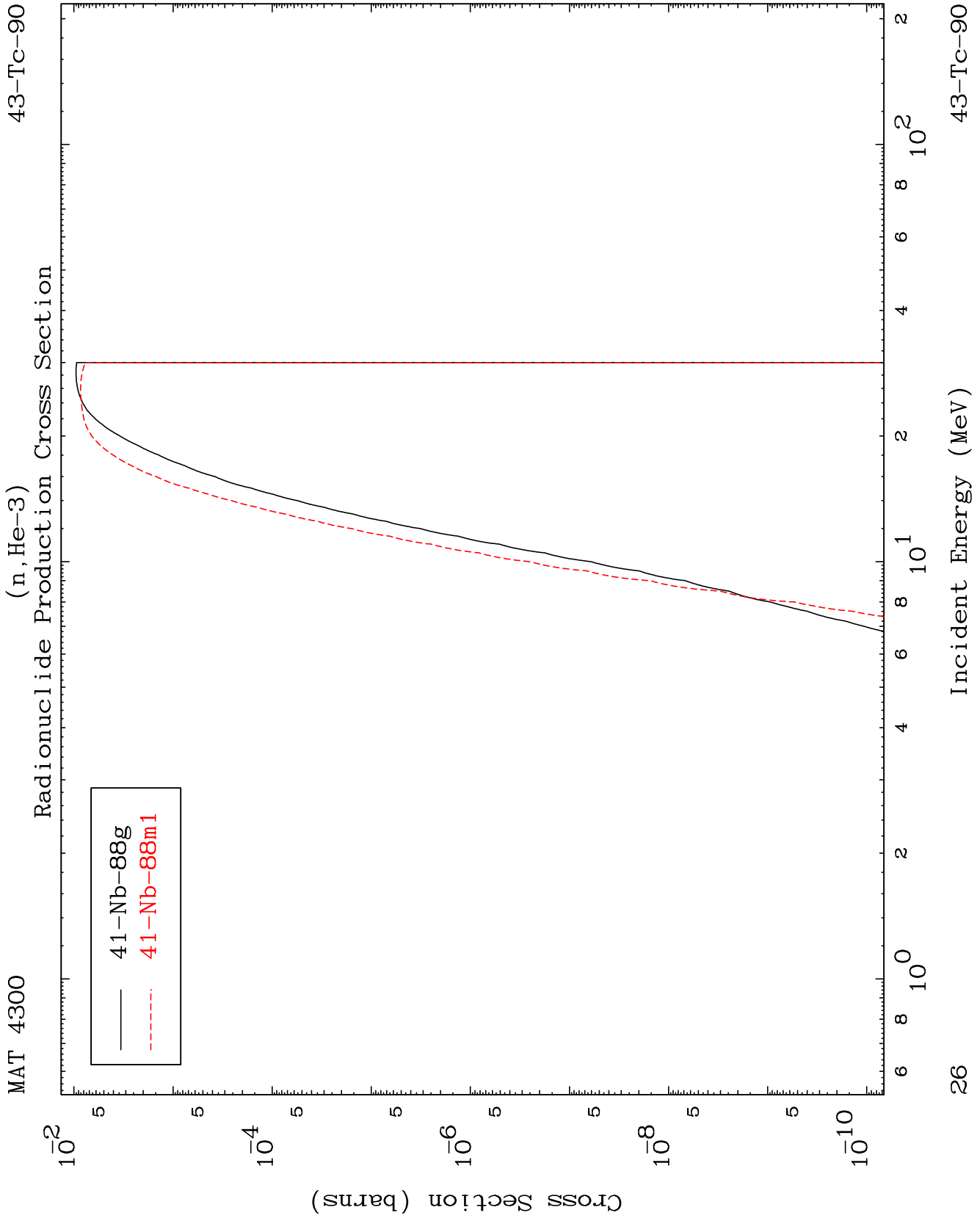
⁴³Tc-90



25

Incident Energy (MeV)

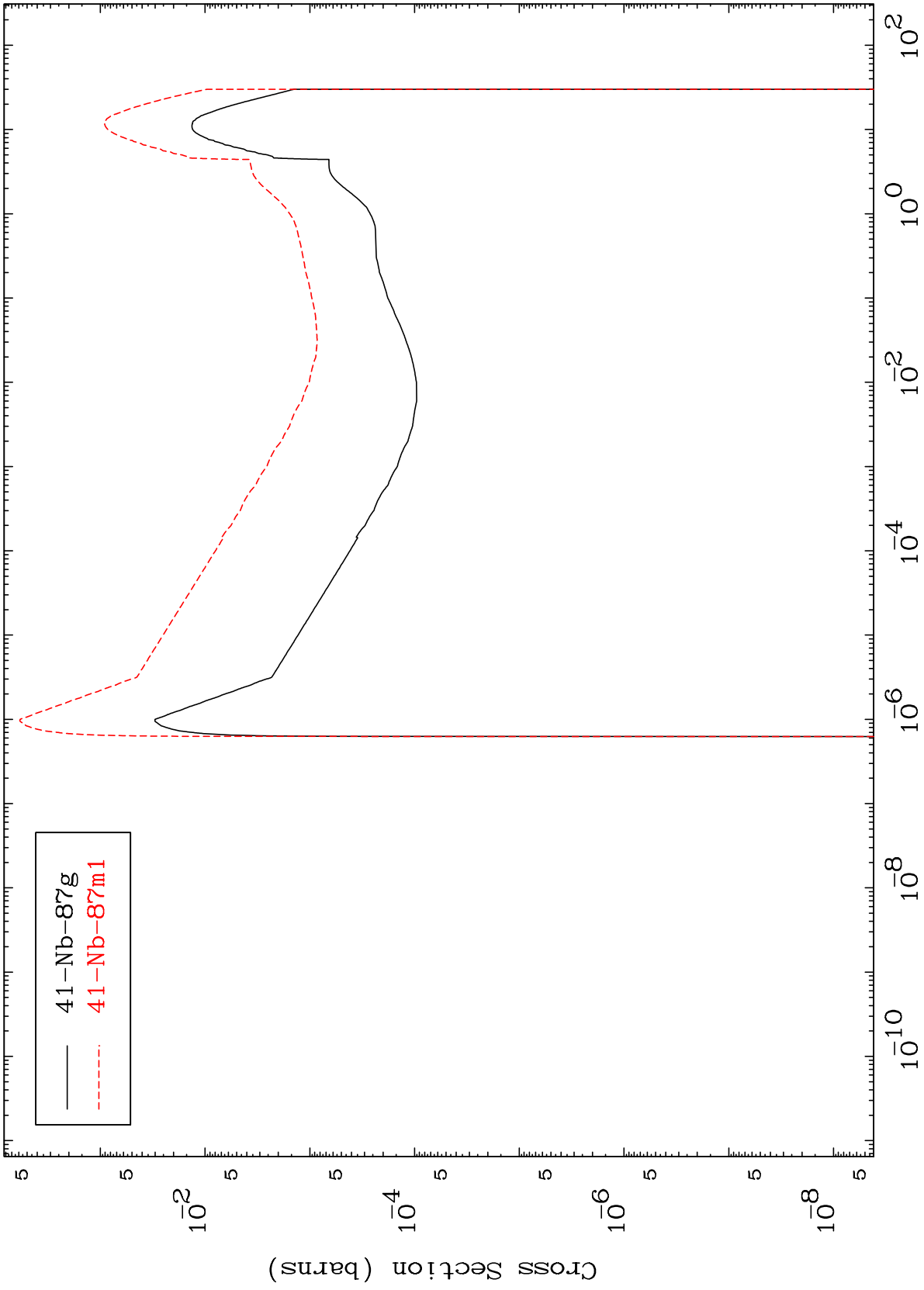
⁴³Tc-90



MAT 4300

43-Tc-90

Radionuclide Production Cross Section



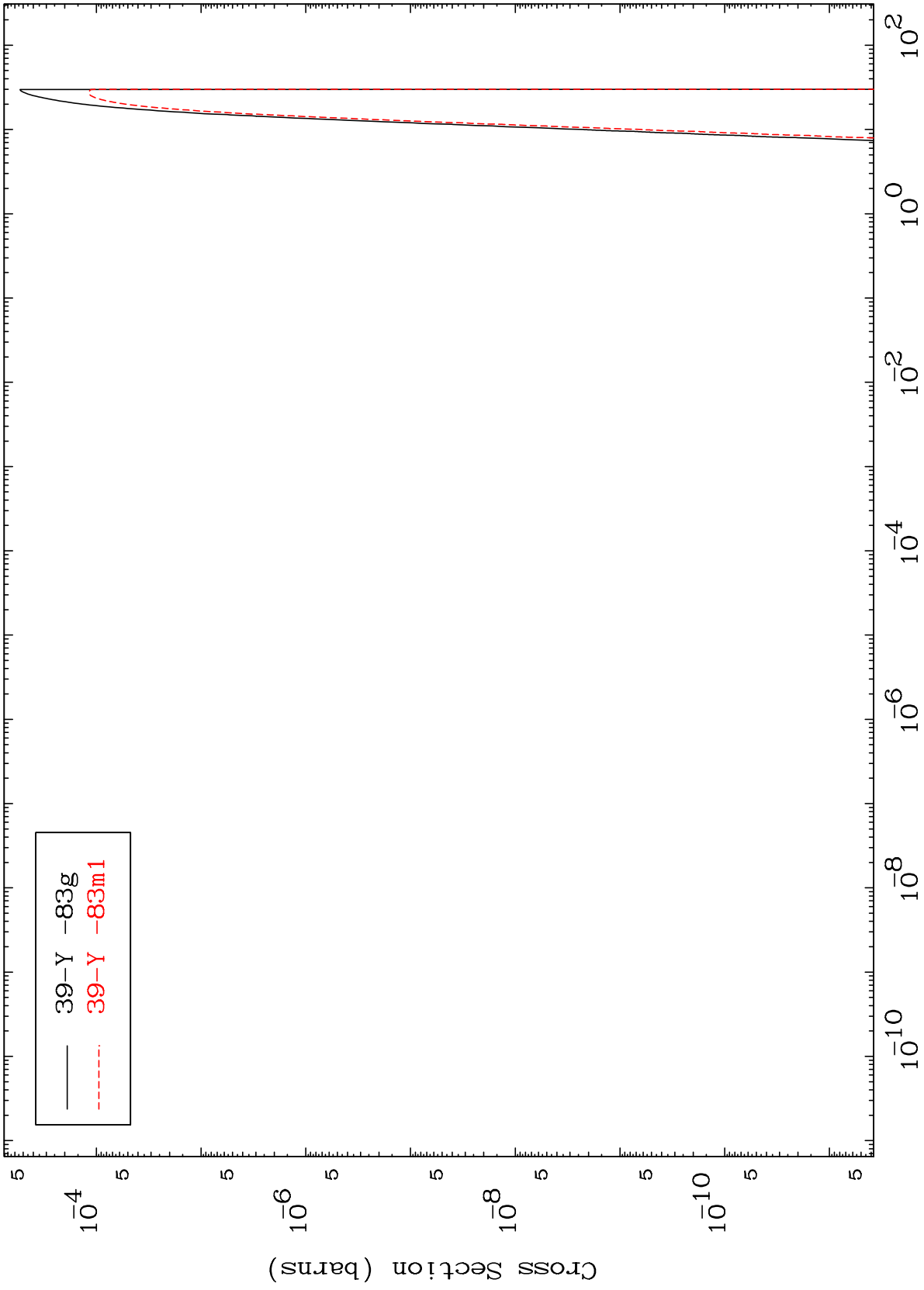
27

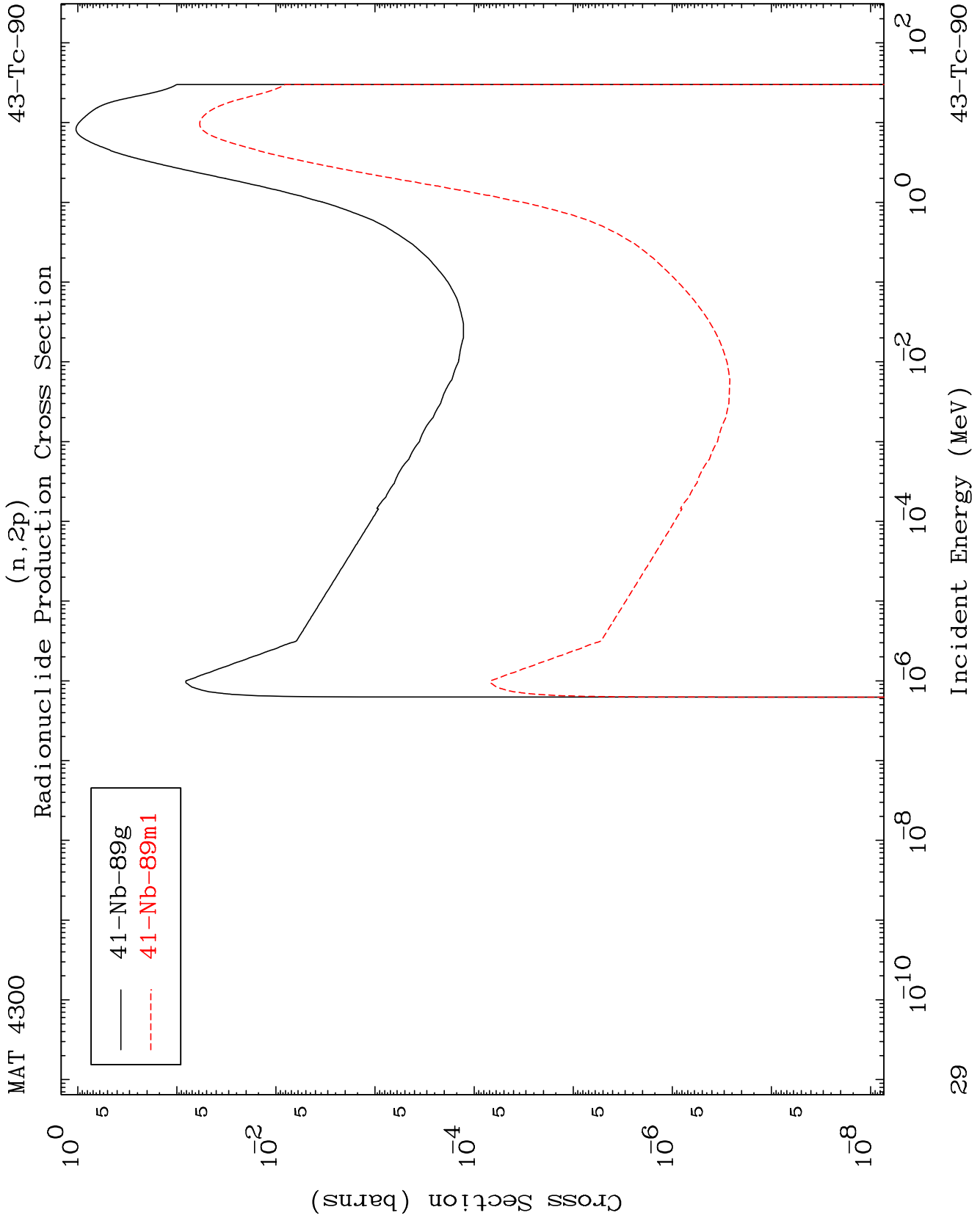
43-Tc-90

MAT 4300

Radionuclide Production Cross Section
(n,2α)

43-Tc-90



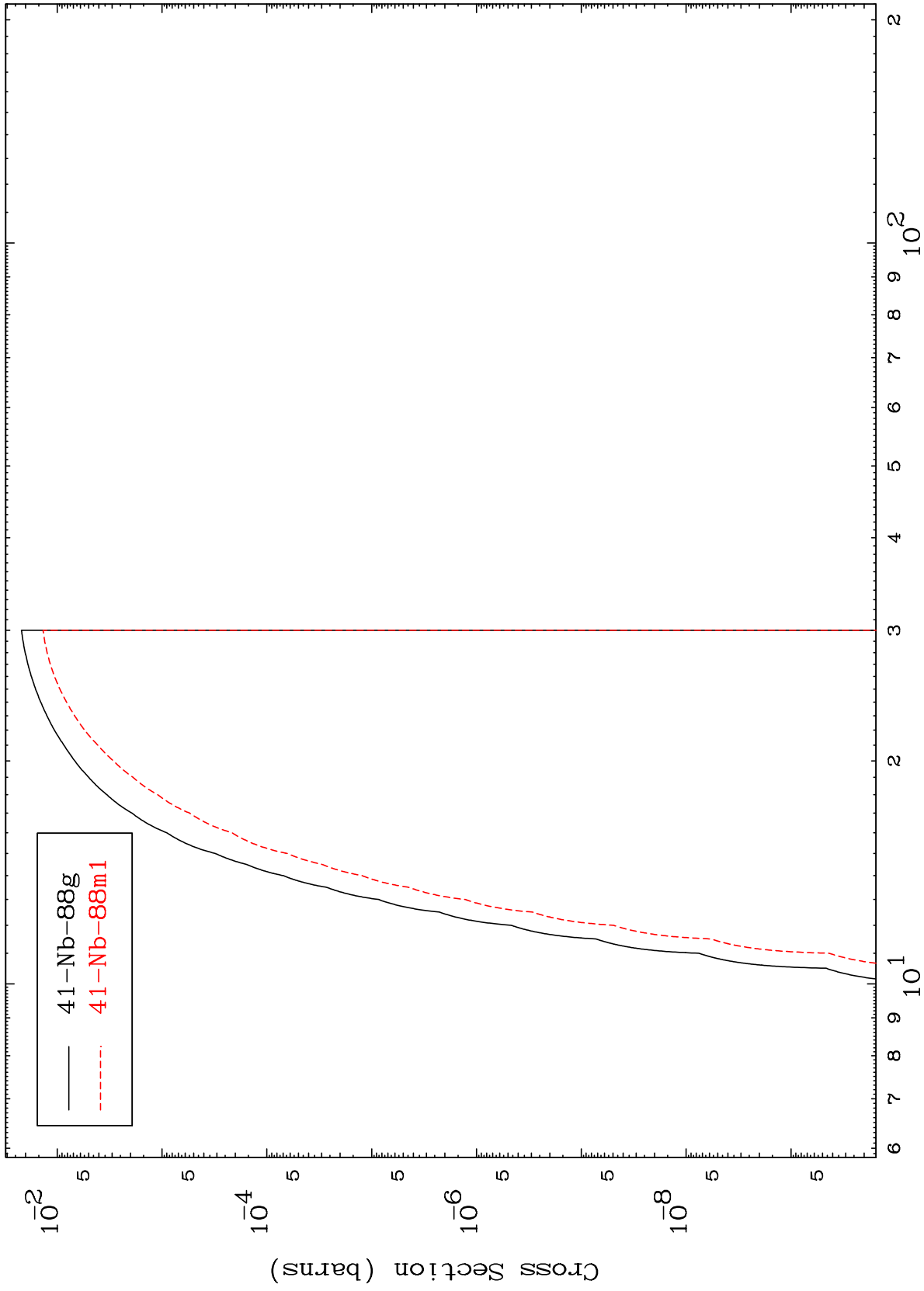


MAT 4300

(n,p) d

43-Tc-90

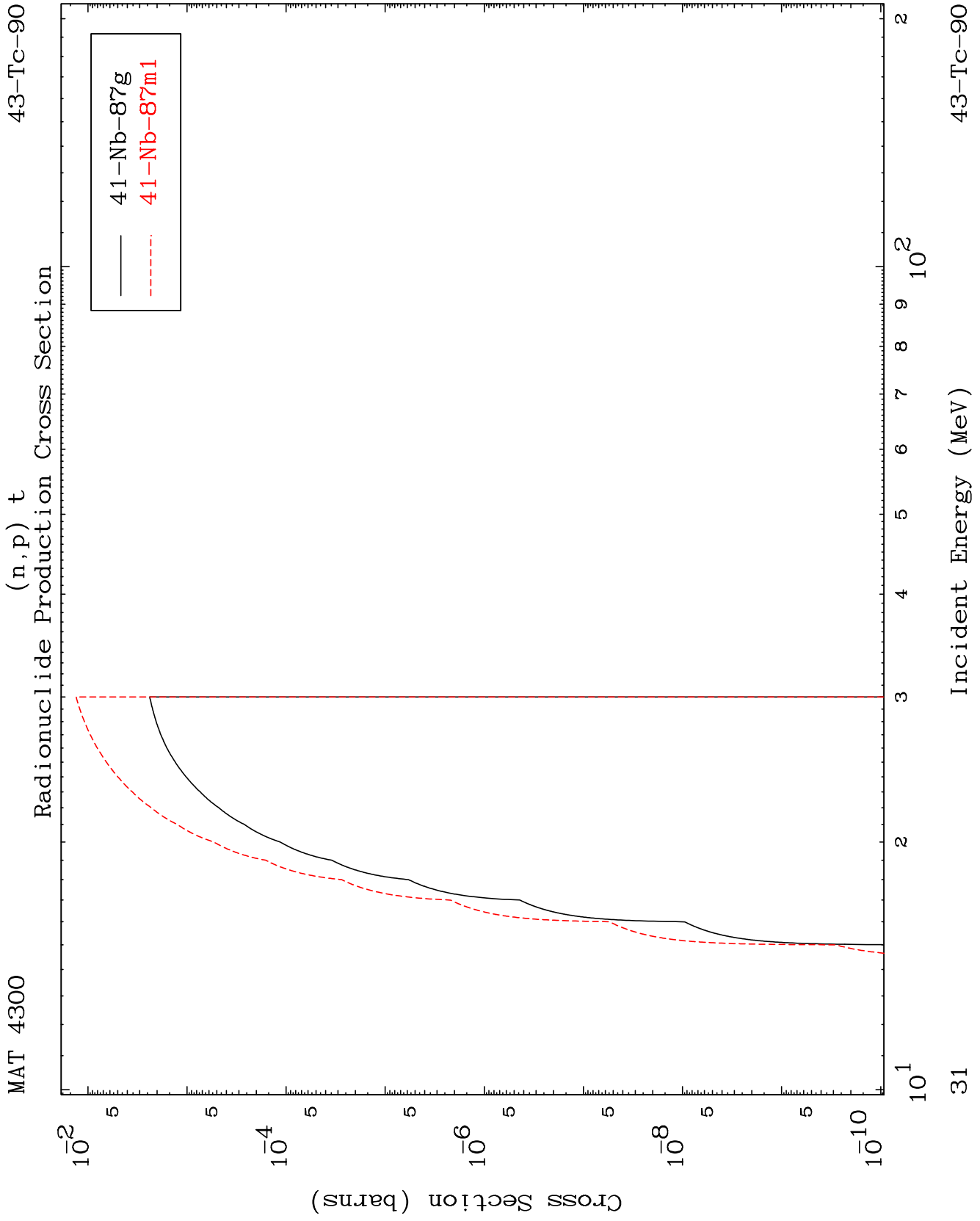
Radionuclide Production Cross Section



30

Incident Energy (MeV)

43-Tc-90

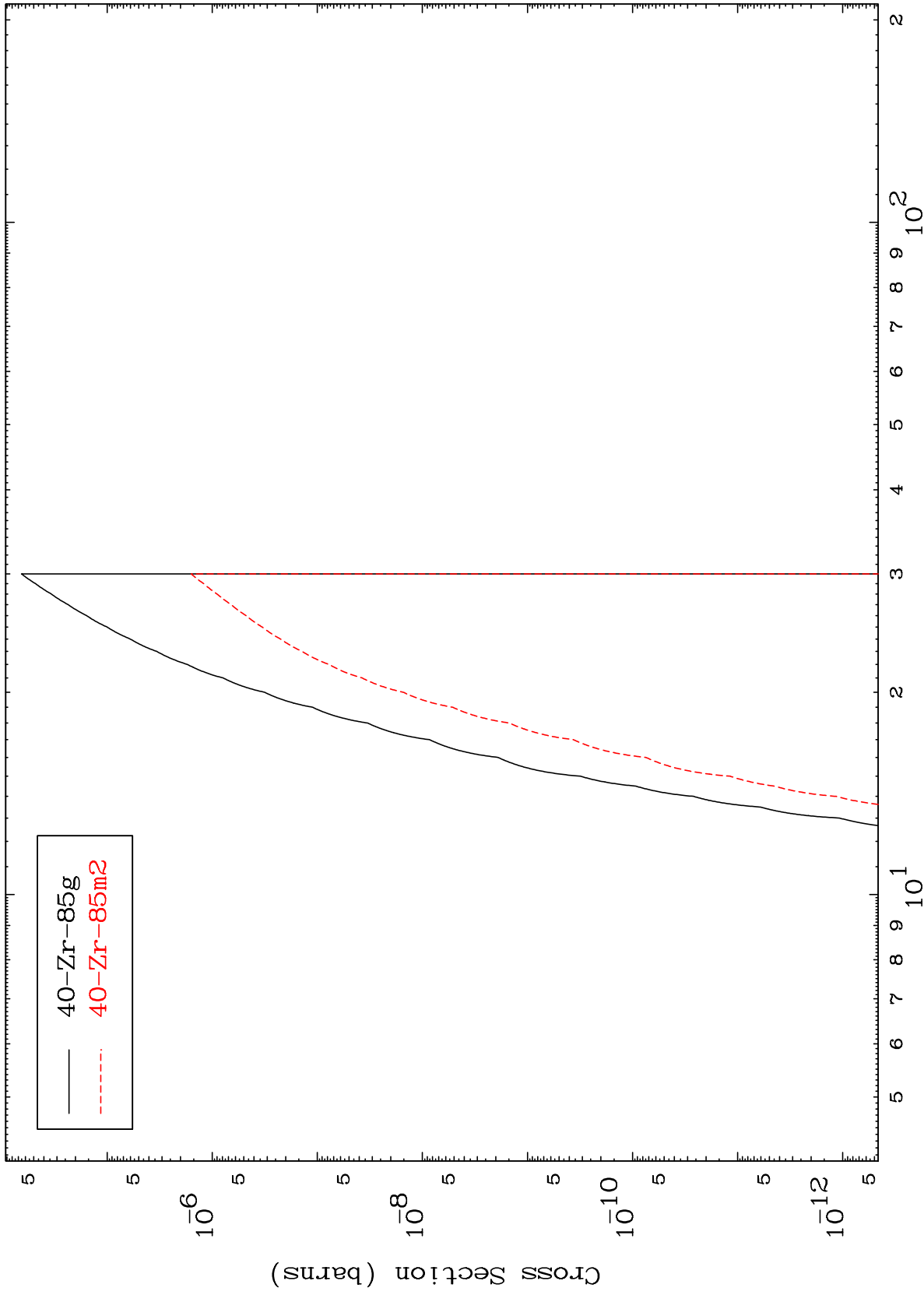


MAT 4300

(n,d) α

43-Tc-90

Radionuclide Production Cross Section



40-Zr-85g
40-Zr-85m2

32

Incident Energy (MeV)

43-Tc-90