

Program EVALPLOT
(Version 2018-1)

by

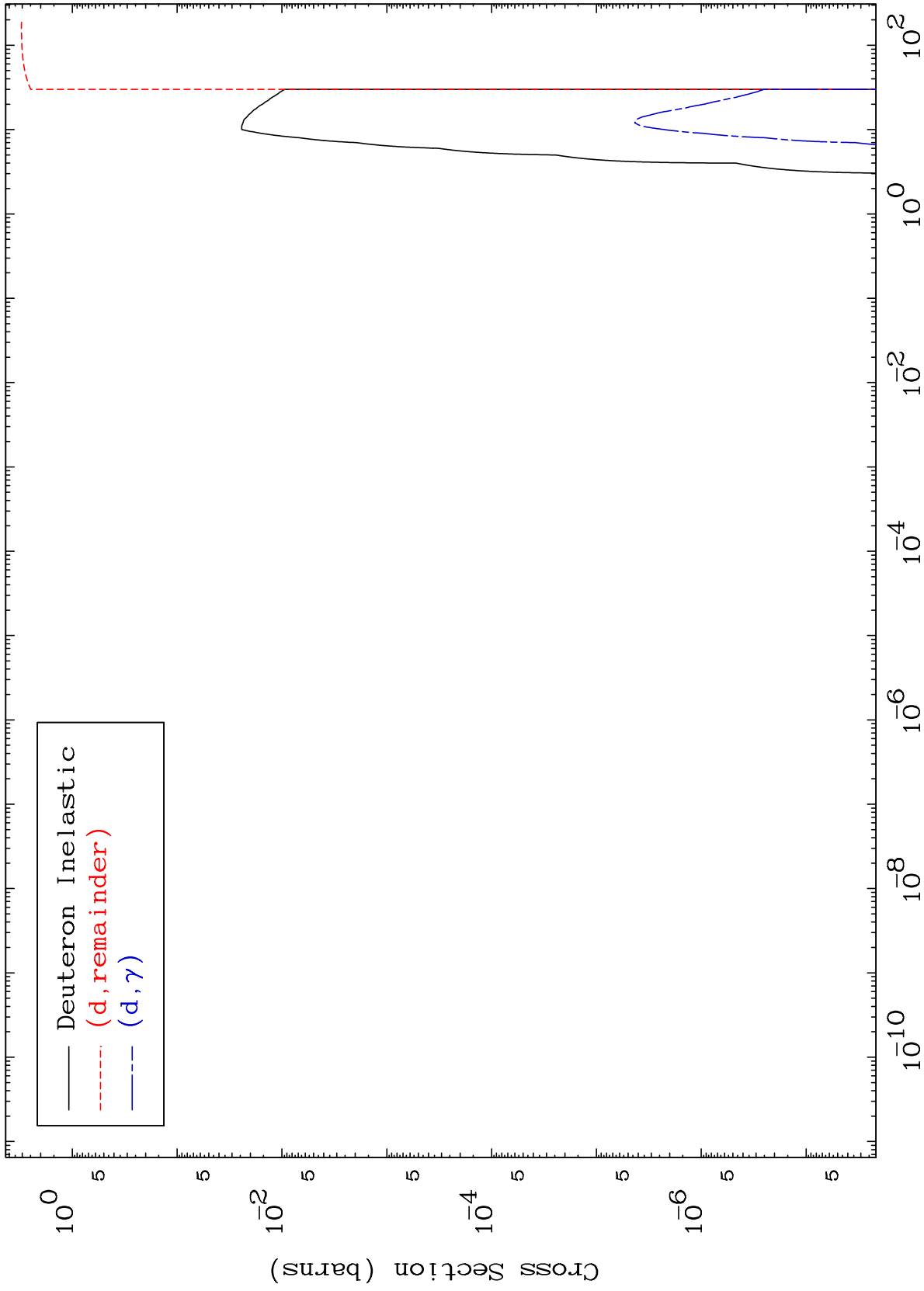
Dermott E. Cullen
(Present Contact Information)

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

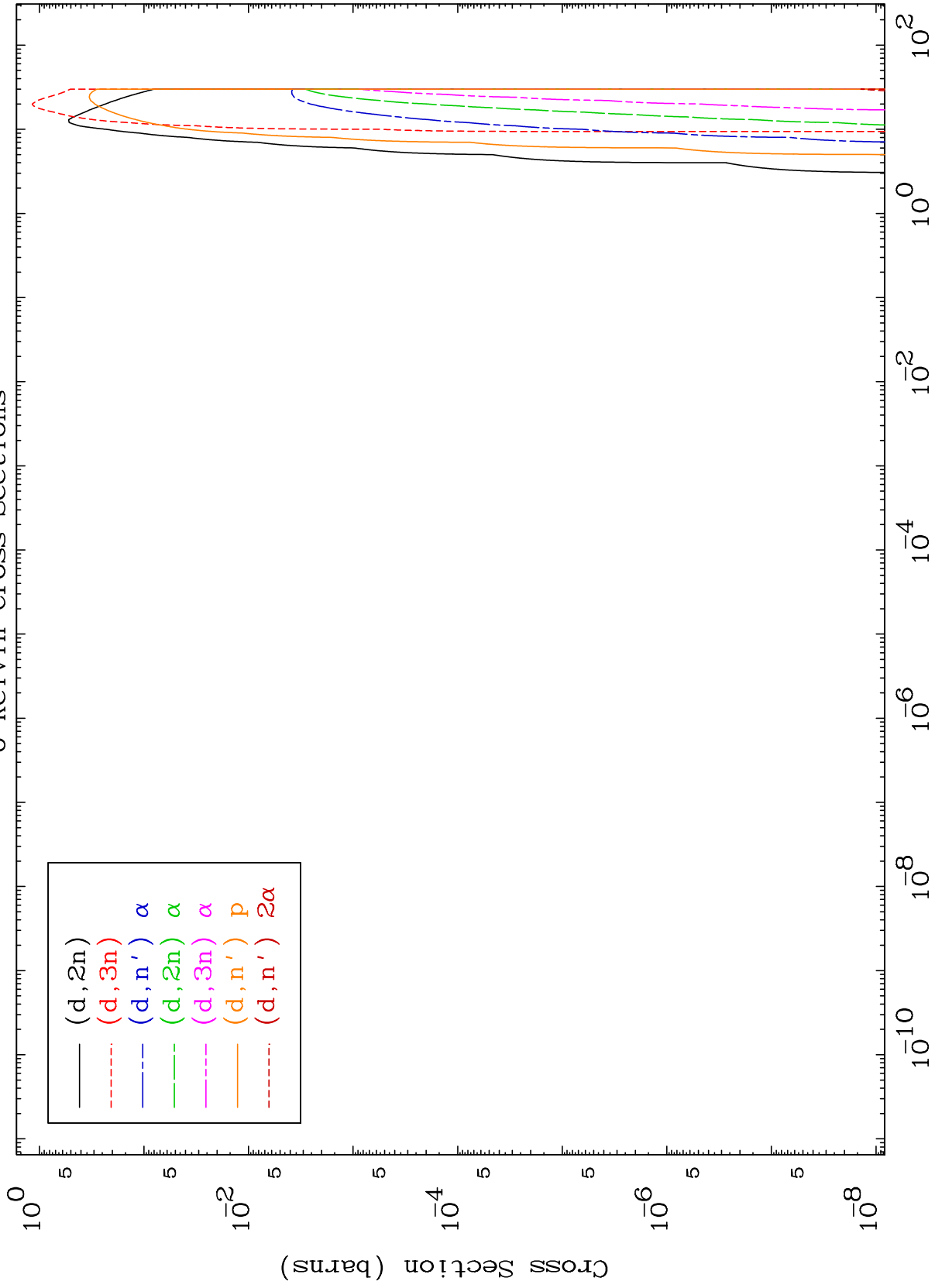
Press Mouse Button to Start



MAT 7531

Deuteron Neutron Production
0 Kelvin Cross Sections

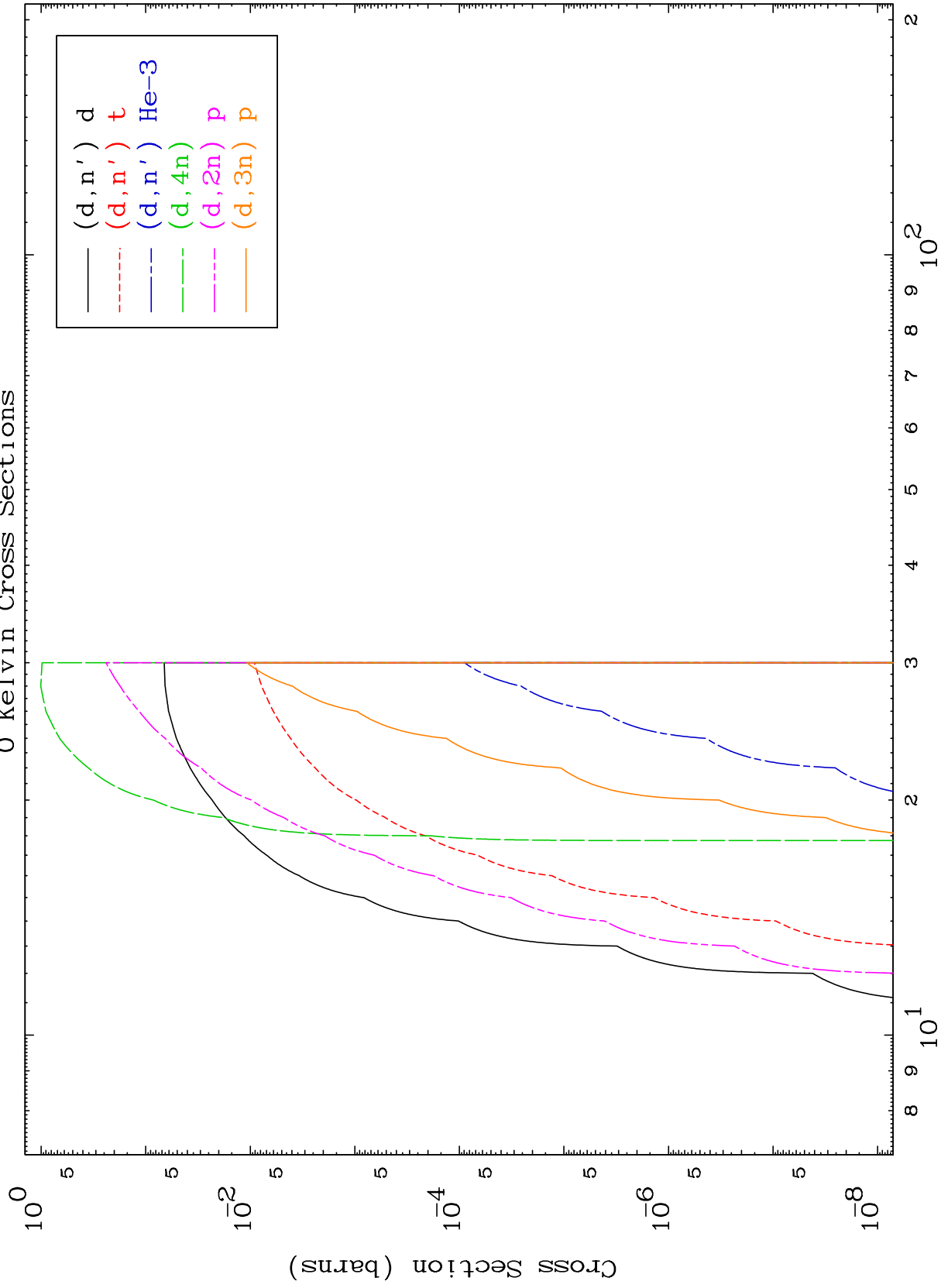
75-Re-187



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Incident Energy (MeV)

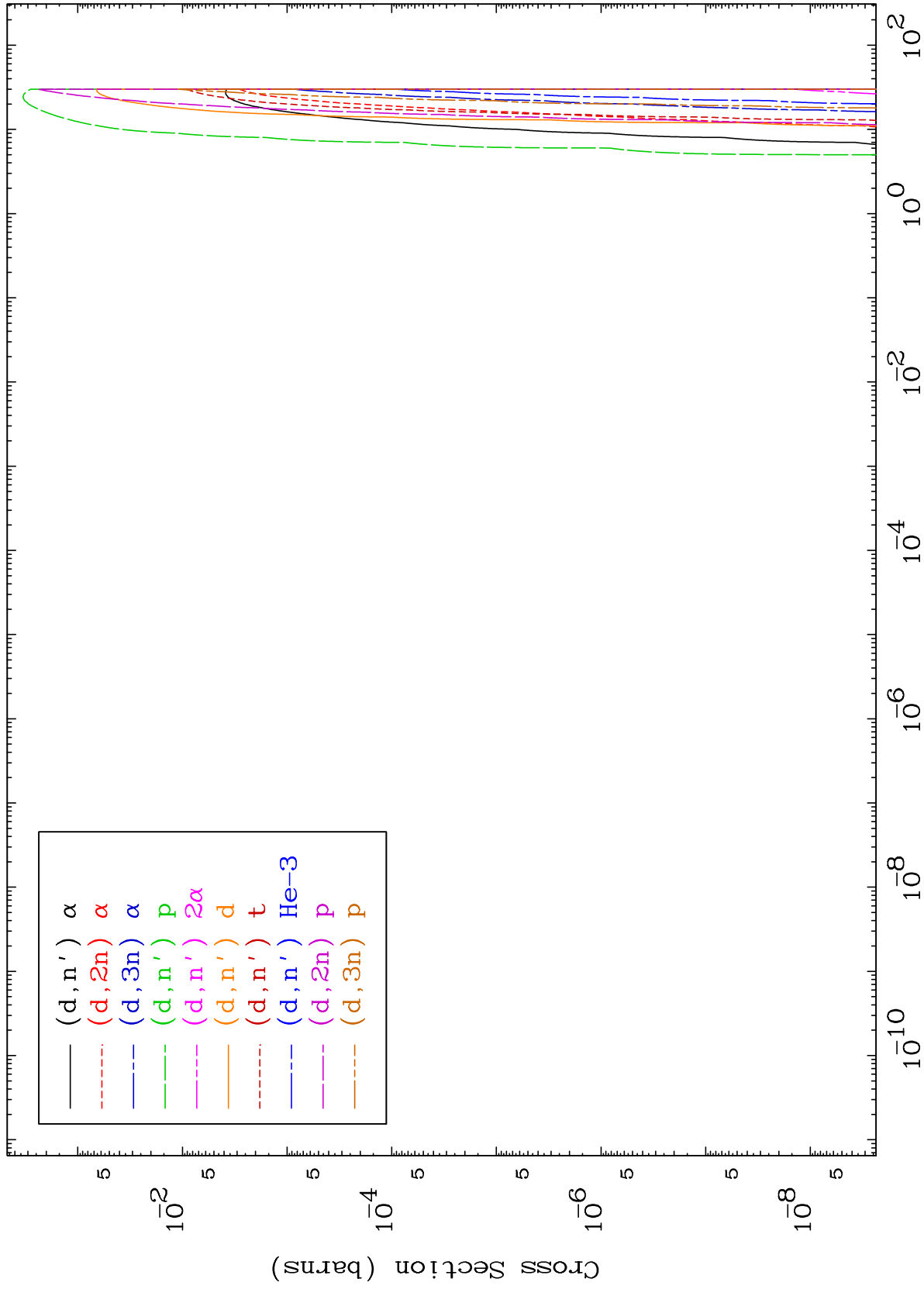
75-Re-187



MAT 7531

Deuteron Charged Particle
0 Kelvin Cross Sections

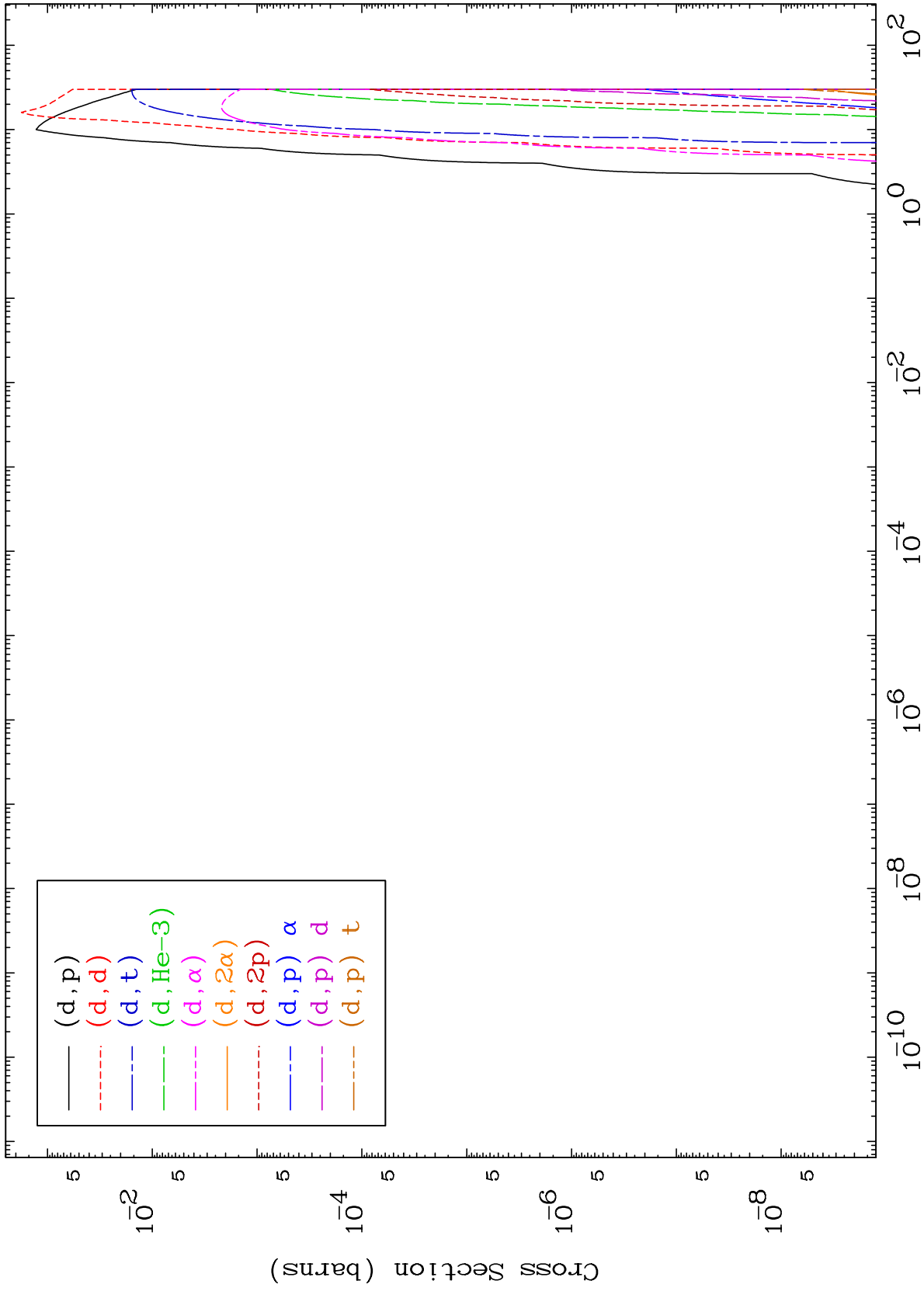
75-Re-187



MAT 7531

Deuteron Charged Particle
0 Kelvin Cross Sections

75-Re-187



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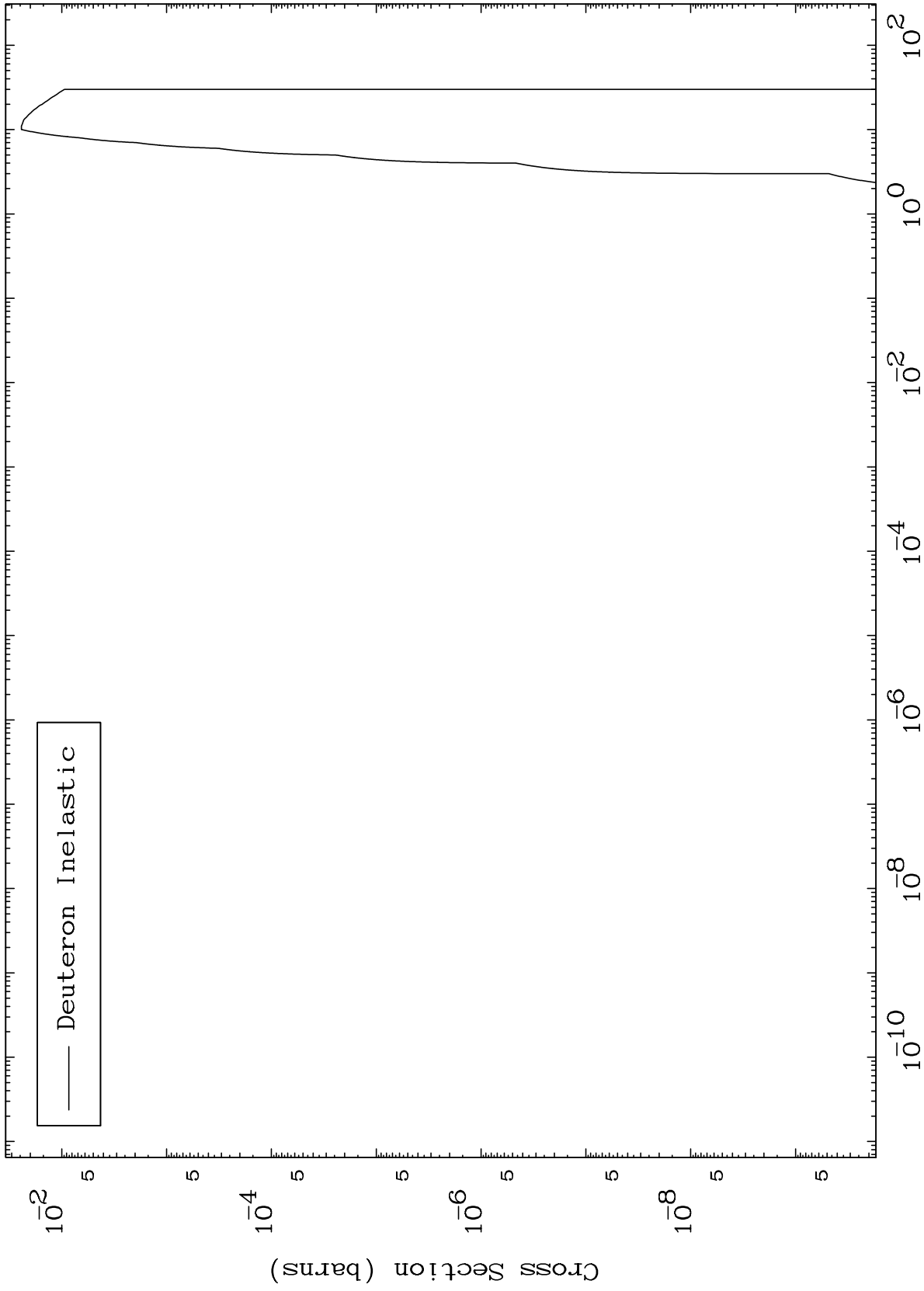
Incident Energy (MeV)

75-Re-187

MAT 7531

(d,n') Level
0 Kelvin Cross Sections

75-Re-187



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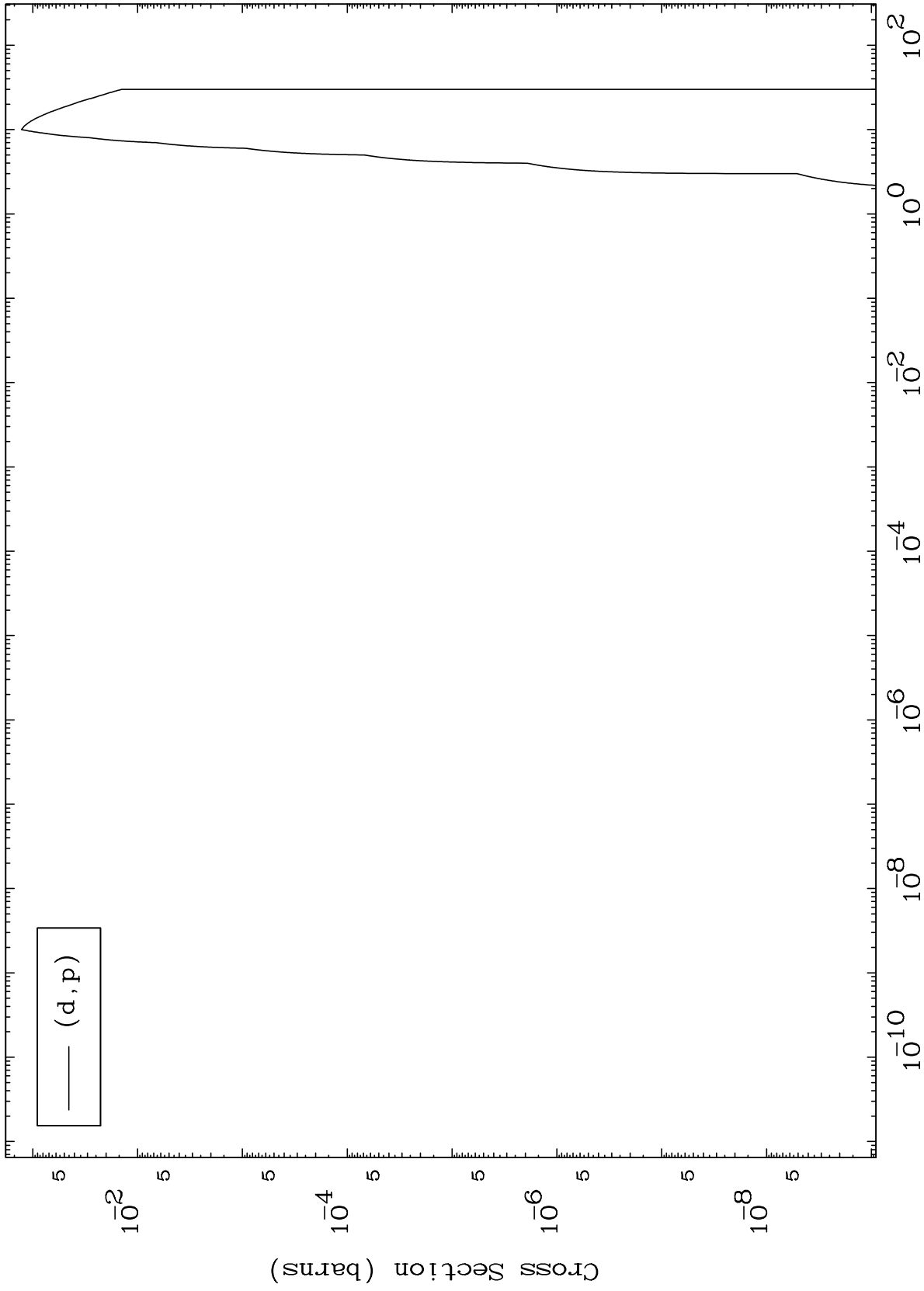
Incident Energy (MeV)

75-Re-187

MAT 7531

(d,p) Levels
0 Kelvin Cross Sections

75-Re-187



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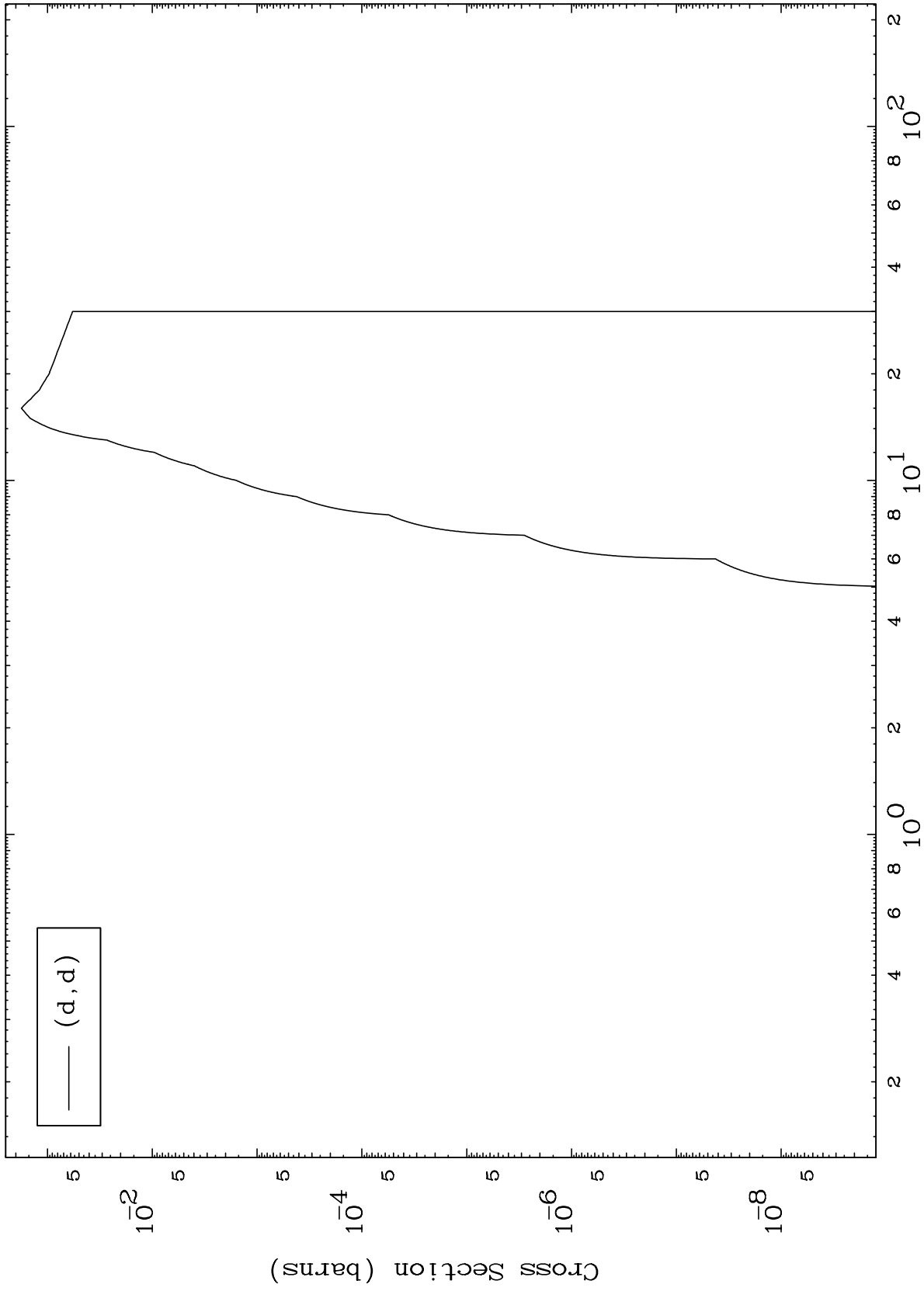
Incident Energy (MeV)

75-Re-187

MAT 7531

(d,d) Levels
0 Kelvin Cross Sections

75-Re-187



8

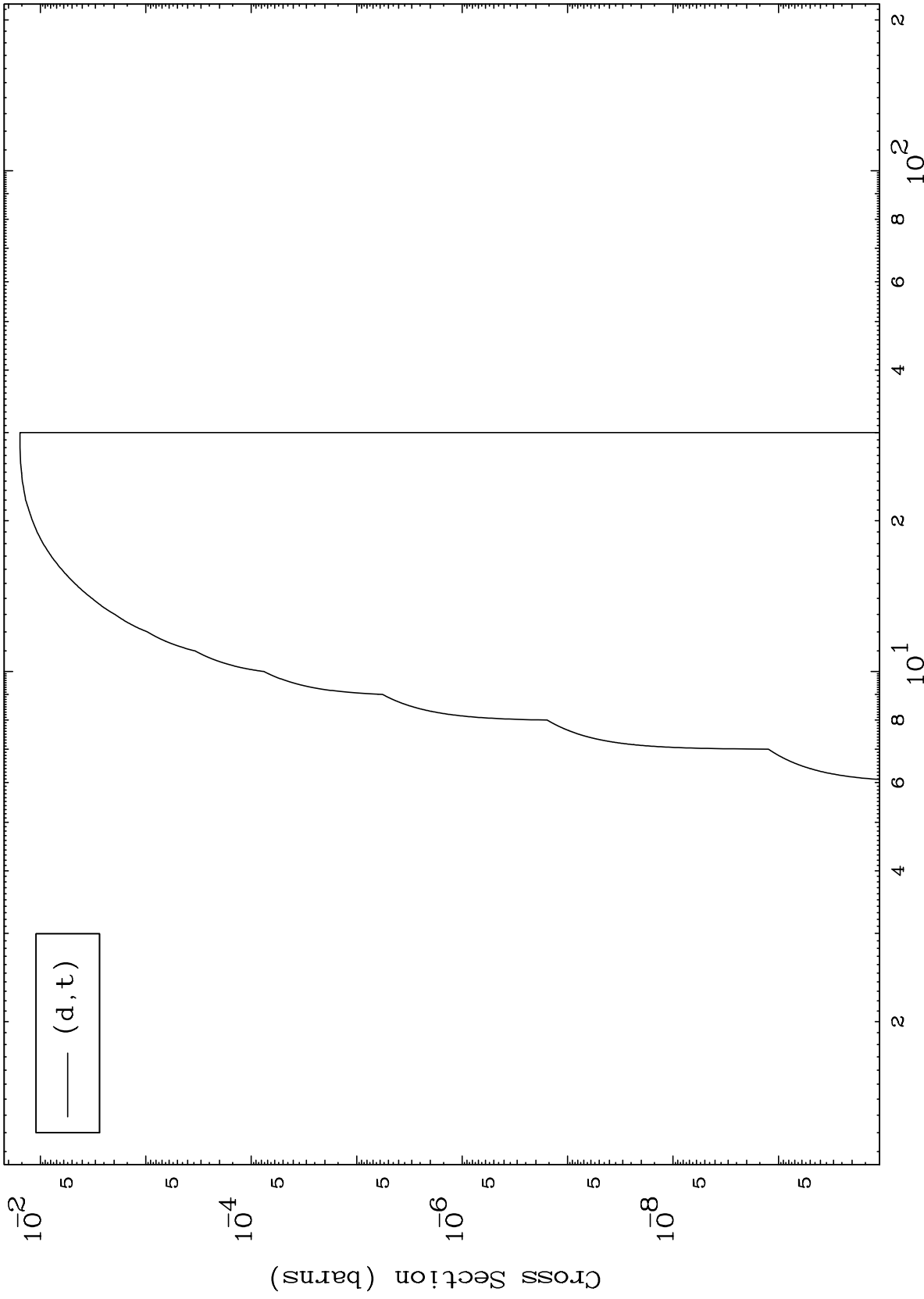
Incident Energy (MeV)

75-Re-187

MAT 7531

(d,t) Levels
0 Kelvin Cross Sections

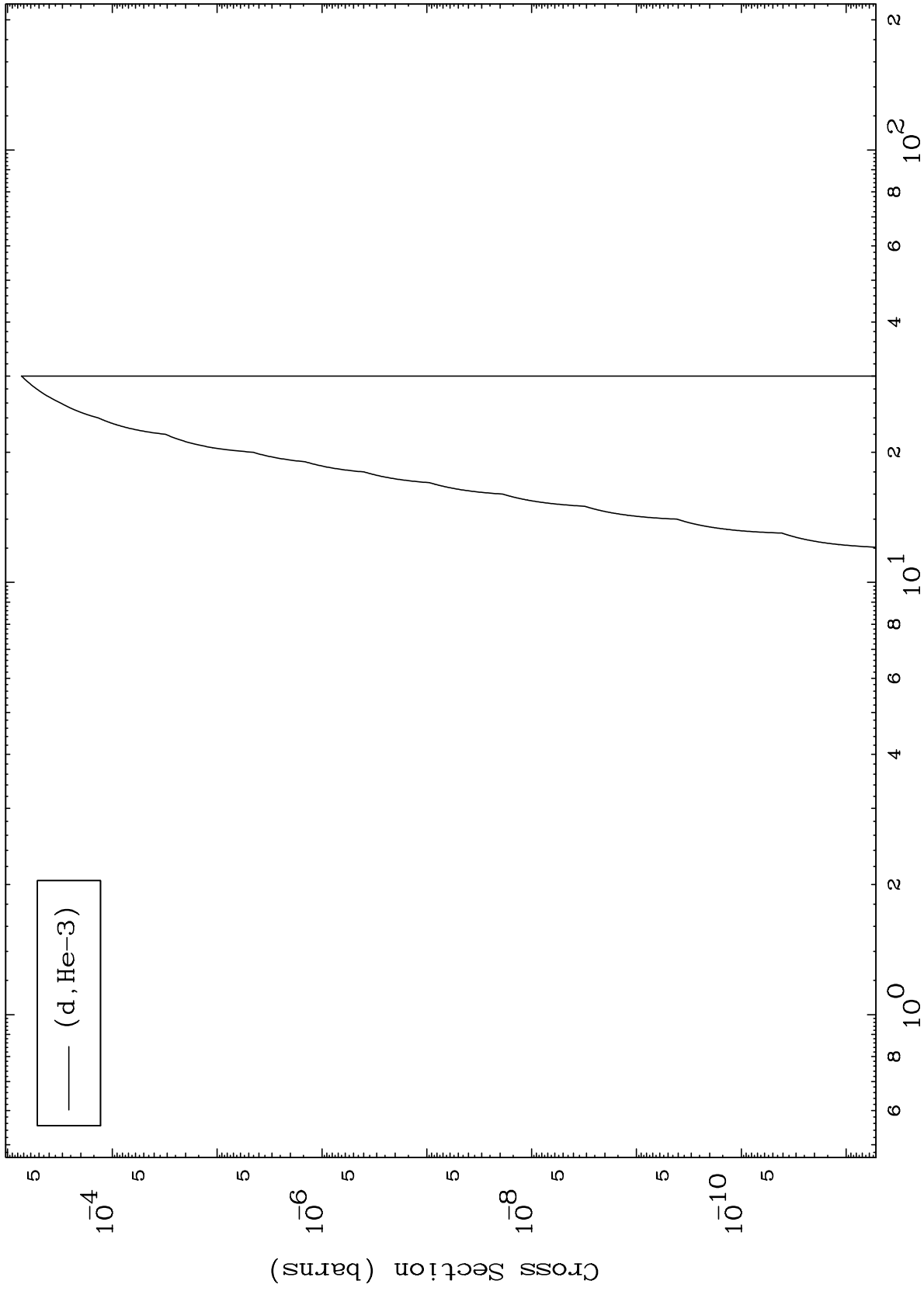
75-Re-187



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(d,He3) Levels
0 Kelvin Cross Sections

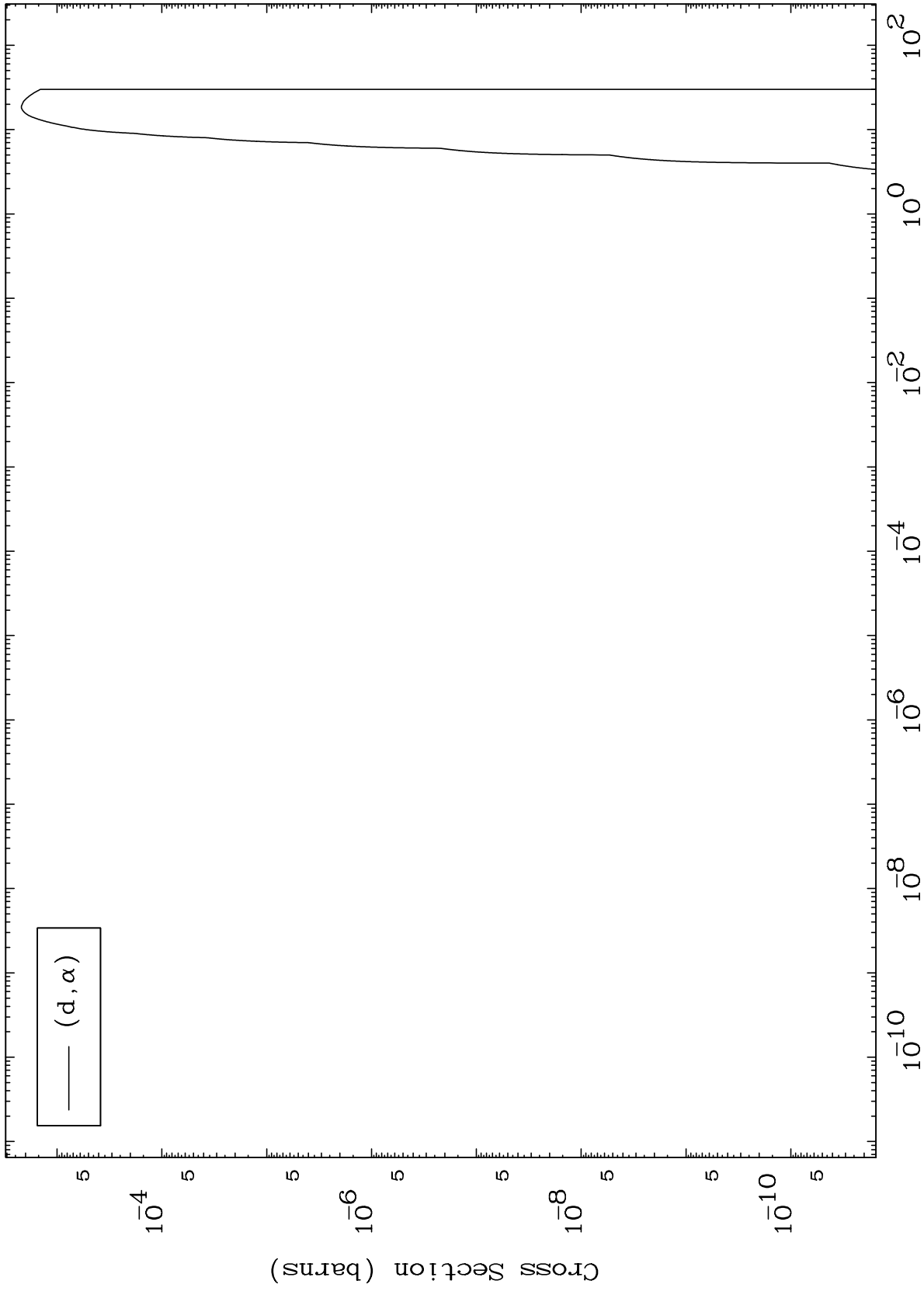
75-Re-187



10

Incident Energy (MeV)

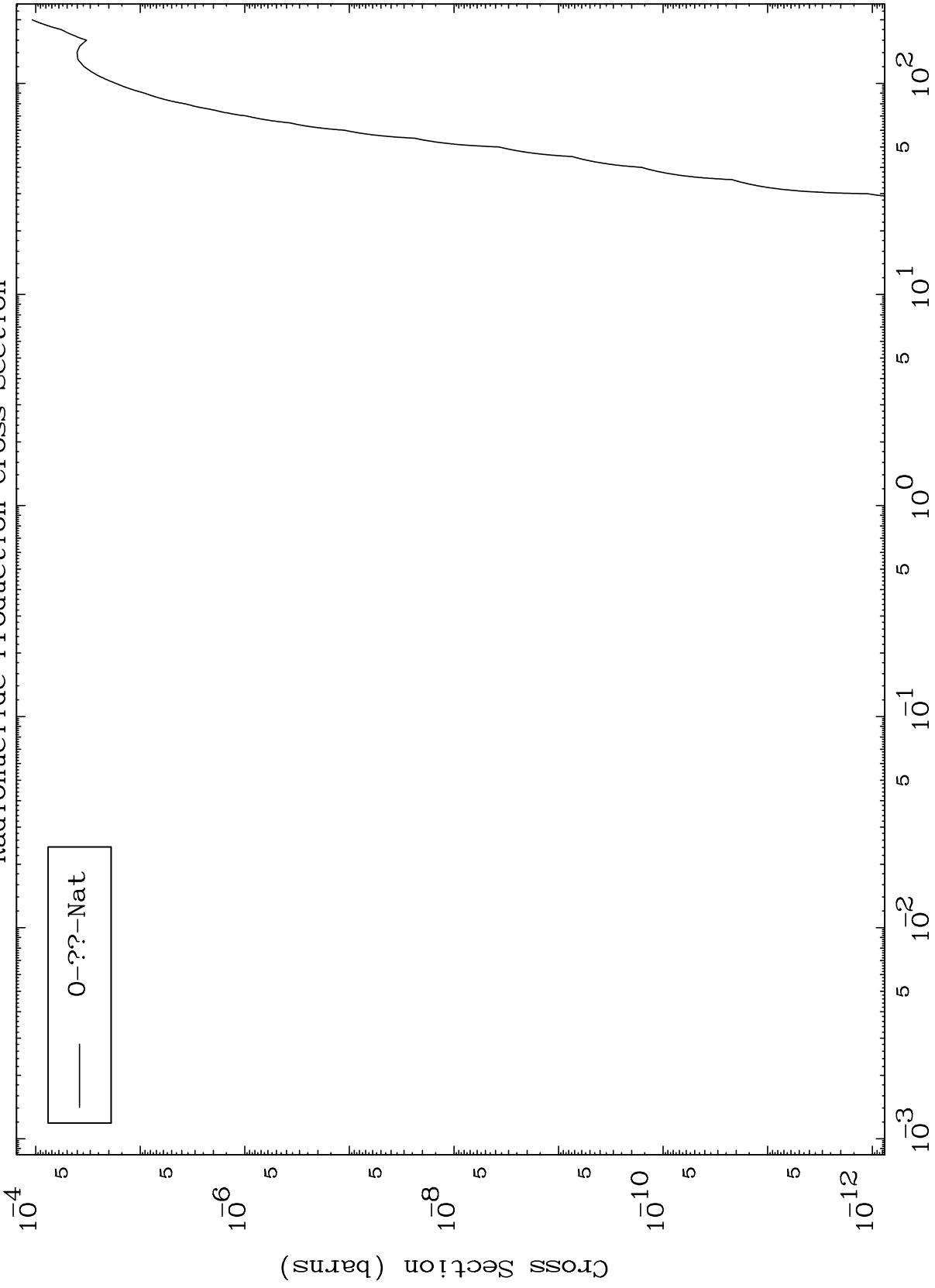
75-Re-187



MAT 7531

Deuteron Fission
Radionuclide Production Cross Section

75-Re-187



12

Incident Energy (MeV)

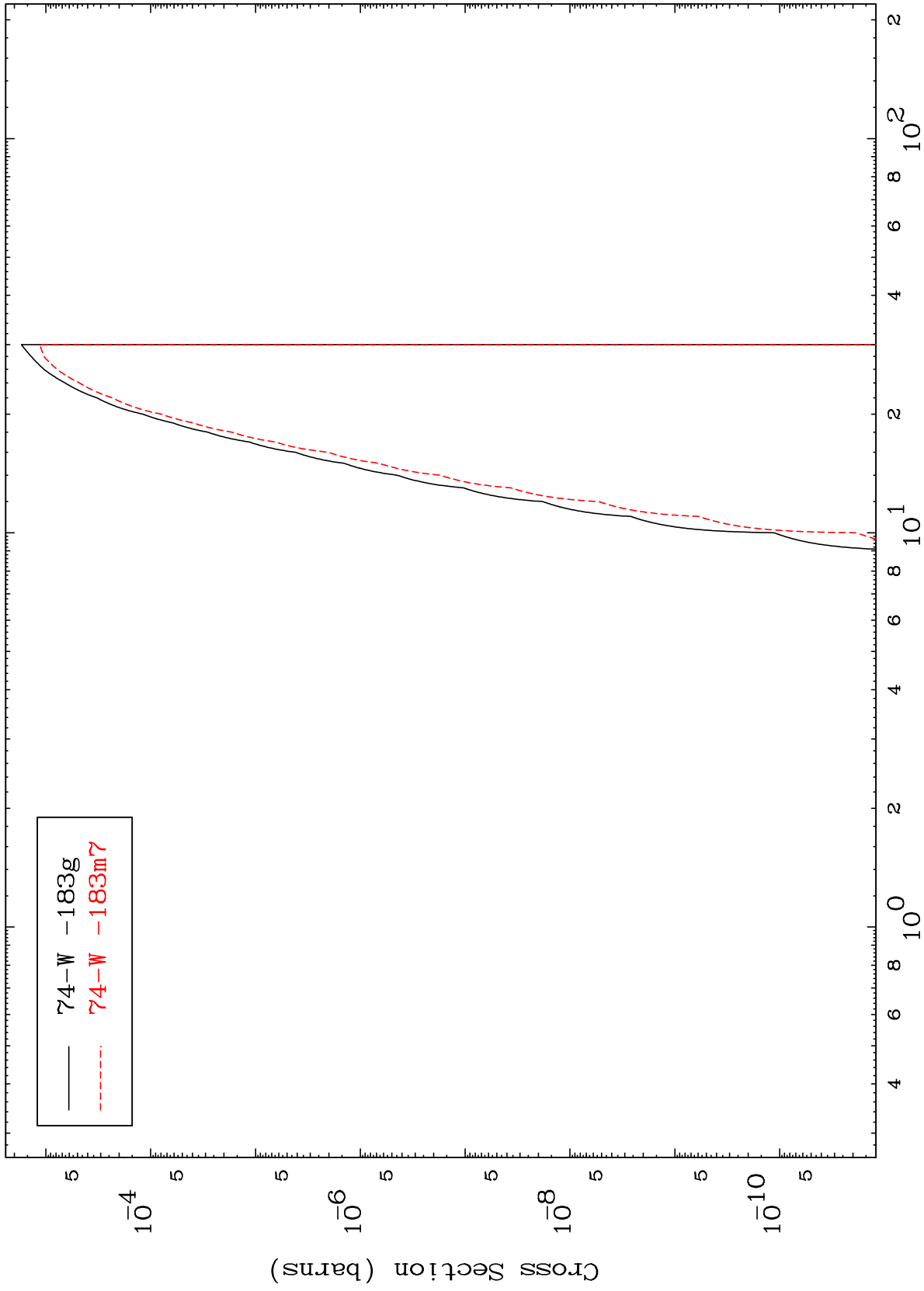
75-Re-187

MAT 7531

(d,2n) α

75-Re-187

Radionuclide Production Cross Section



13

Incident Energy (MeV)

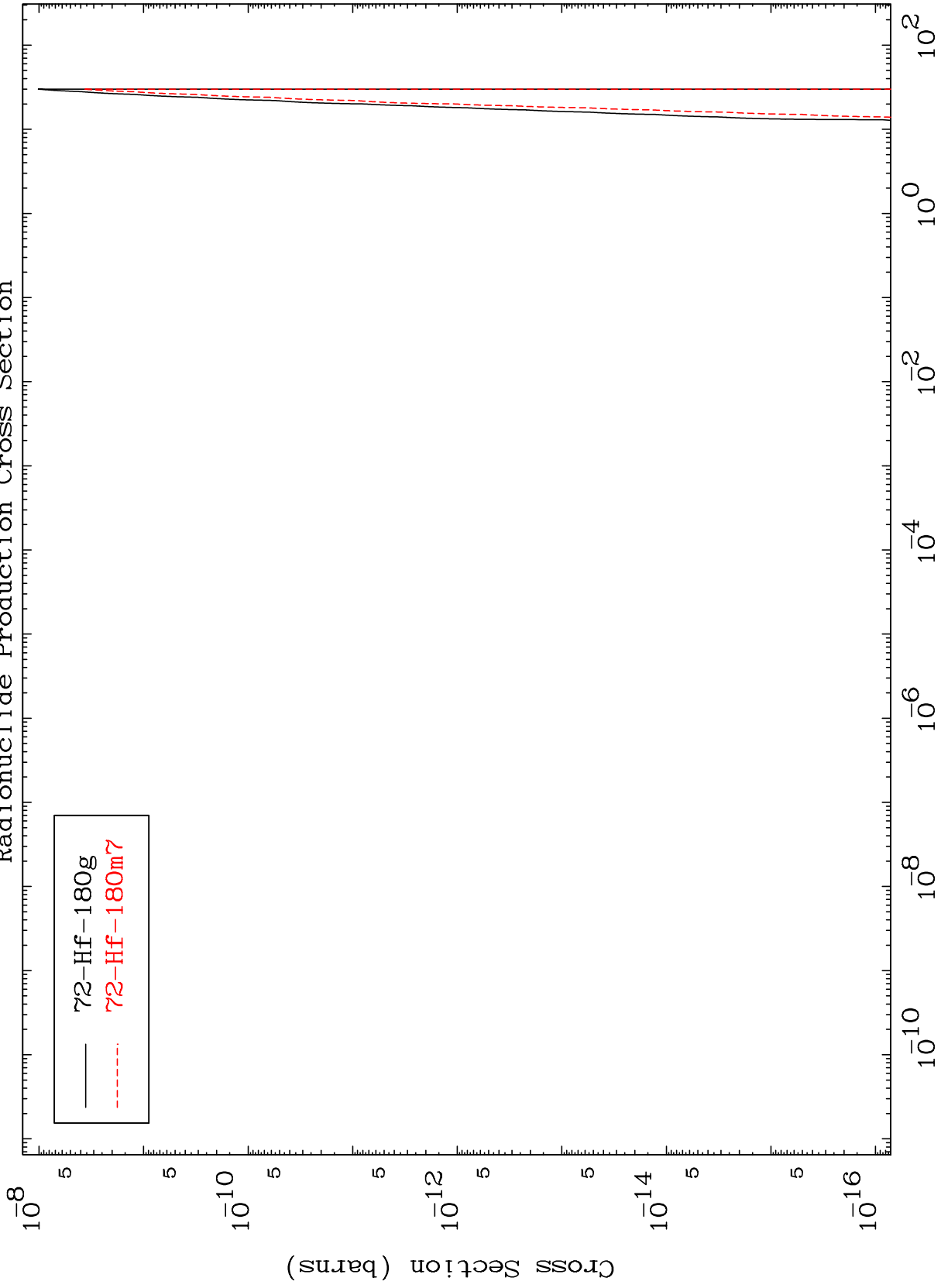
75-Re-187

MAT 7531

(d,n') 2α

⁷⁵Re-187

Radionuclide Production Cross Section



14

Incident Energy (MeV)

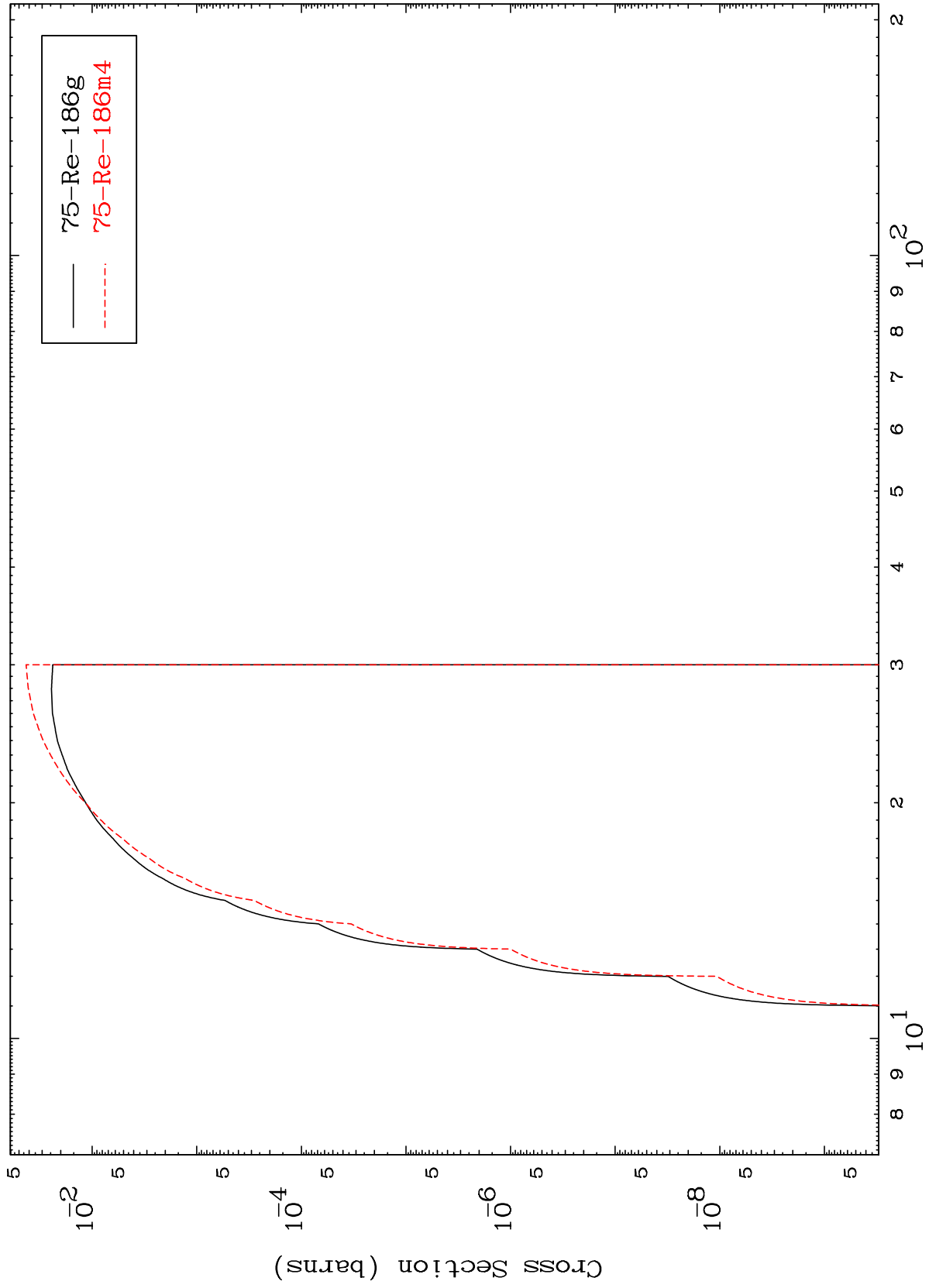
⁷⁵Re-187

MAT 7531

(d,n') d

75-Re-187

Radionuclide Production Cross Section



15

Incident Energy (MeV)

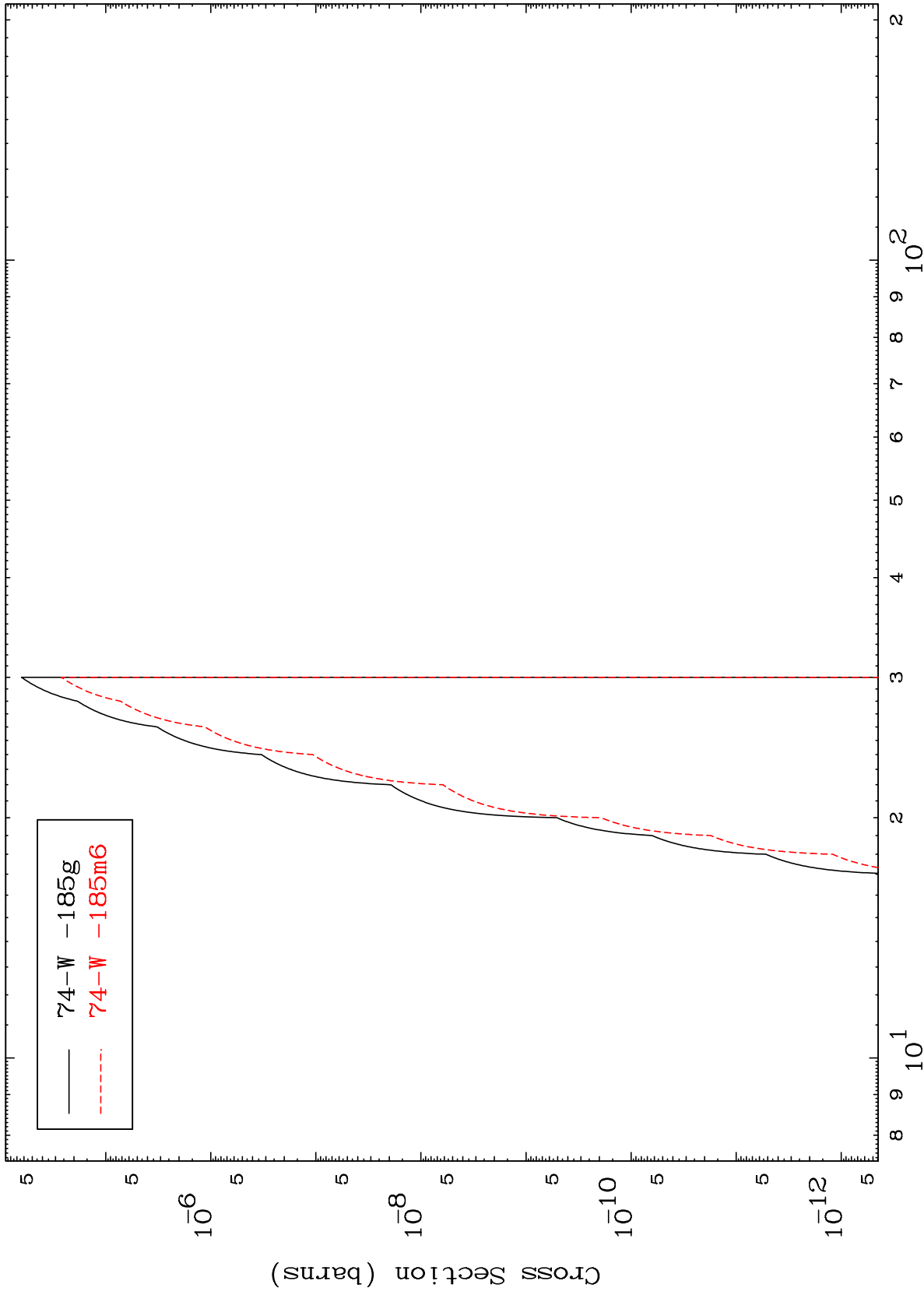
75-Re-187

MAT 7531

(d, n') He-3

75-Re-187

Radionuclide Production Cross Section



16

Incident Energy (MeV)

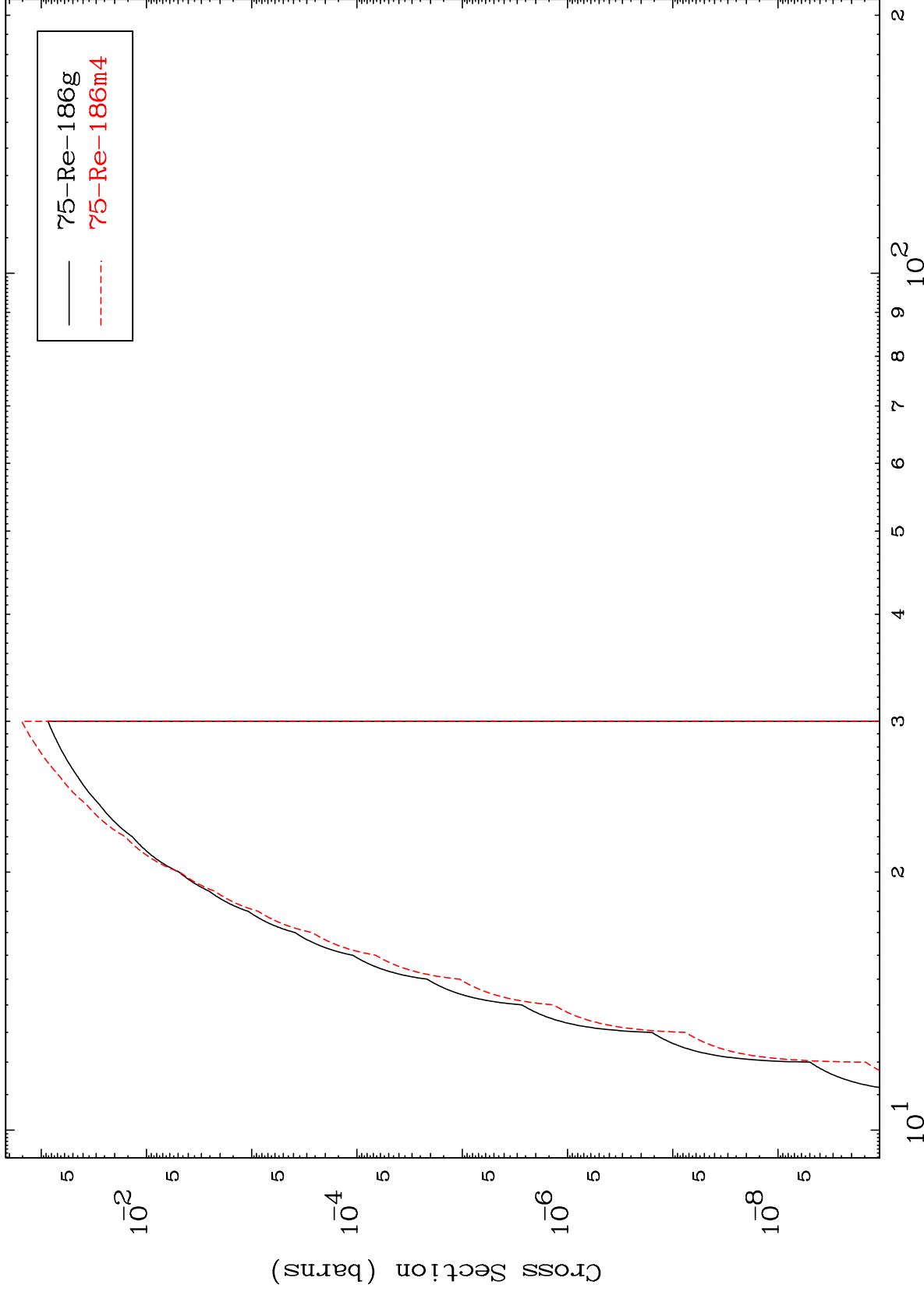
75-Re-187

MAT 7531

(d,2n) p

75-Re-187

Radionuclide Production Cross Section



17

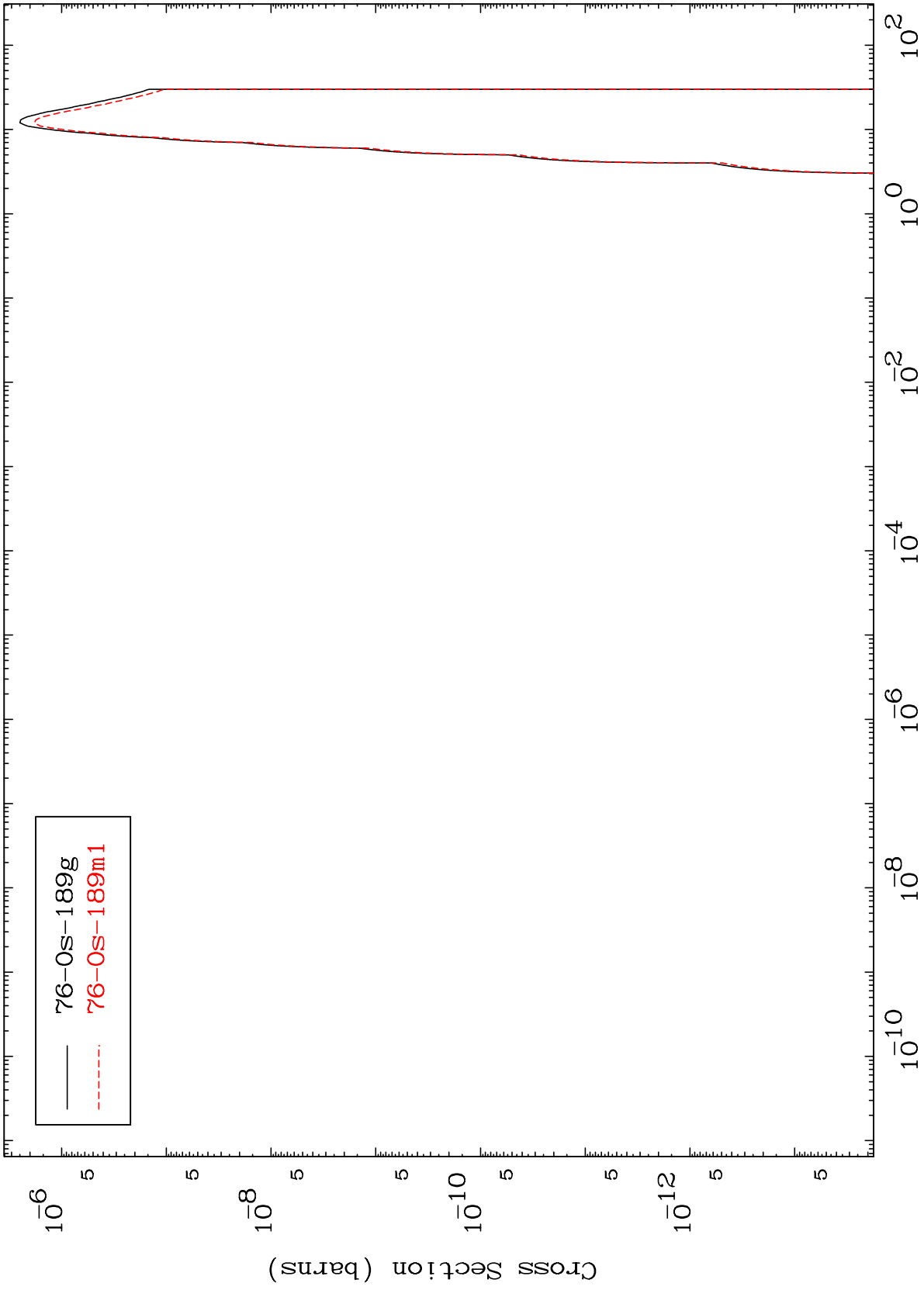
Incident Energy (MeV)

75-Re-187

MAT 7531

(d, γ)
Radionuclide Production Cross Section

⁷⁵Re-187



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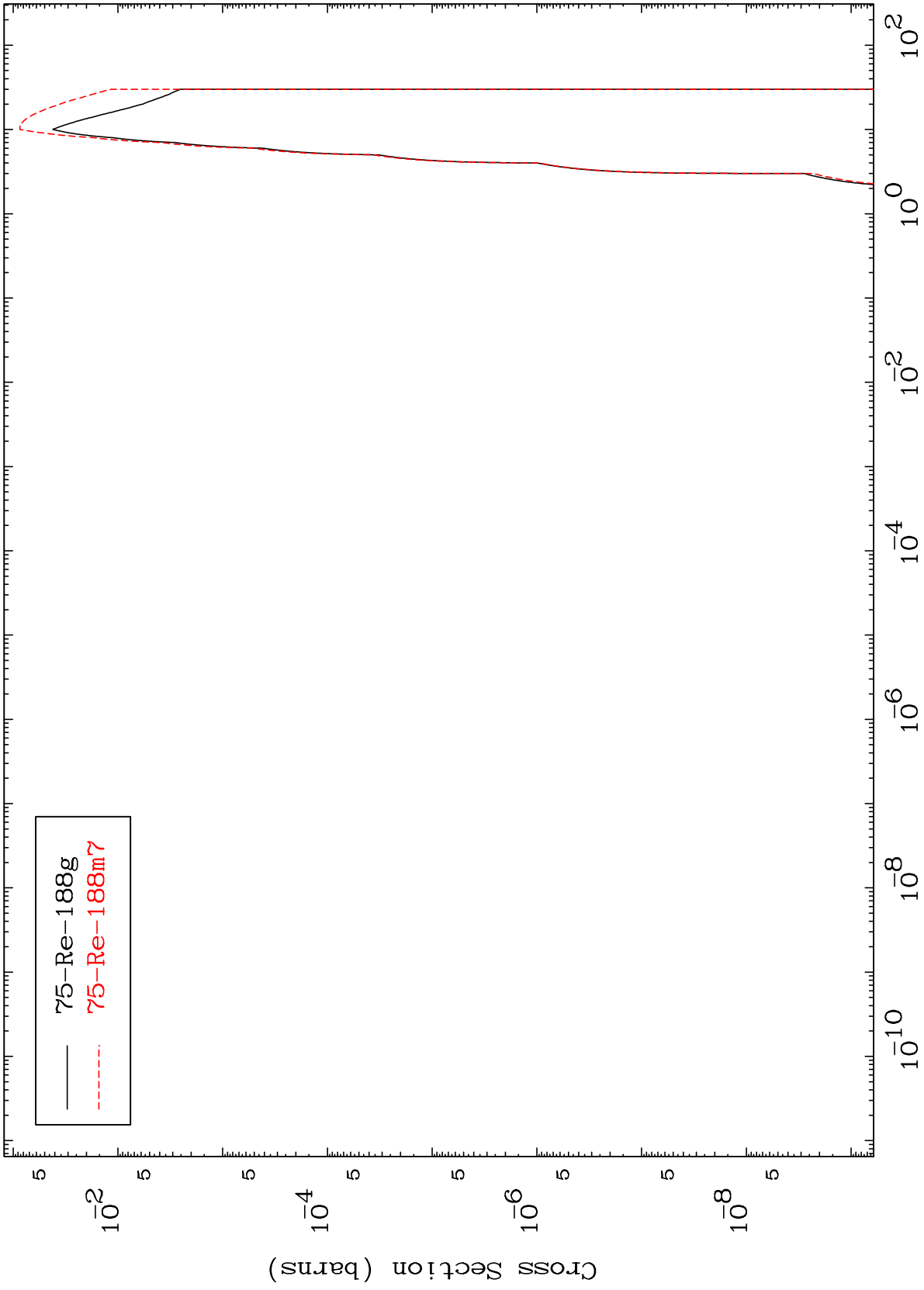
Incident Energy (MeV)

⁷⁵Re-187

MAT 7531

(d,p)
Radionuclide Production Cross Section

75-Re-187



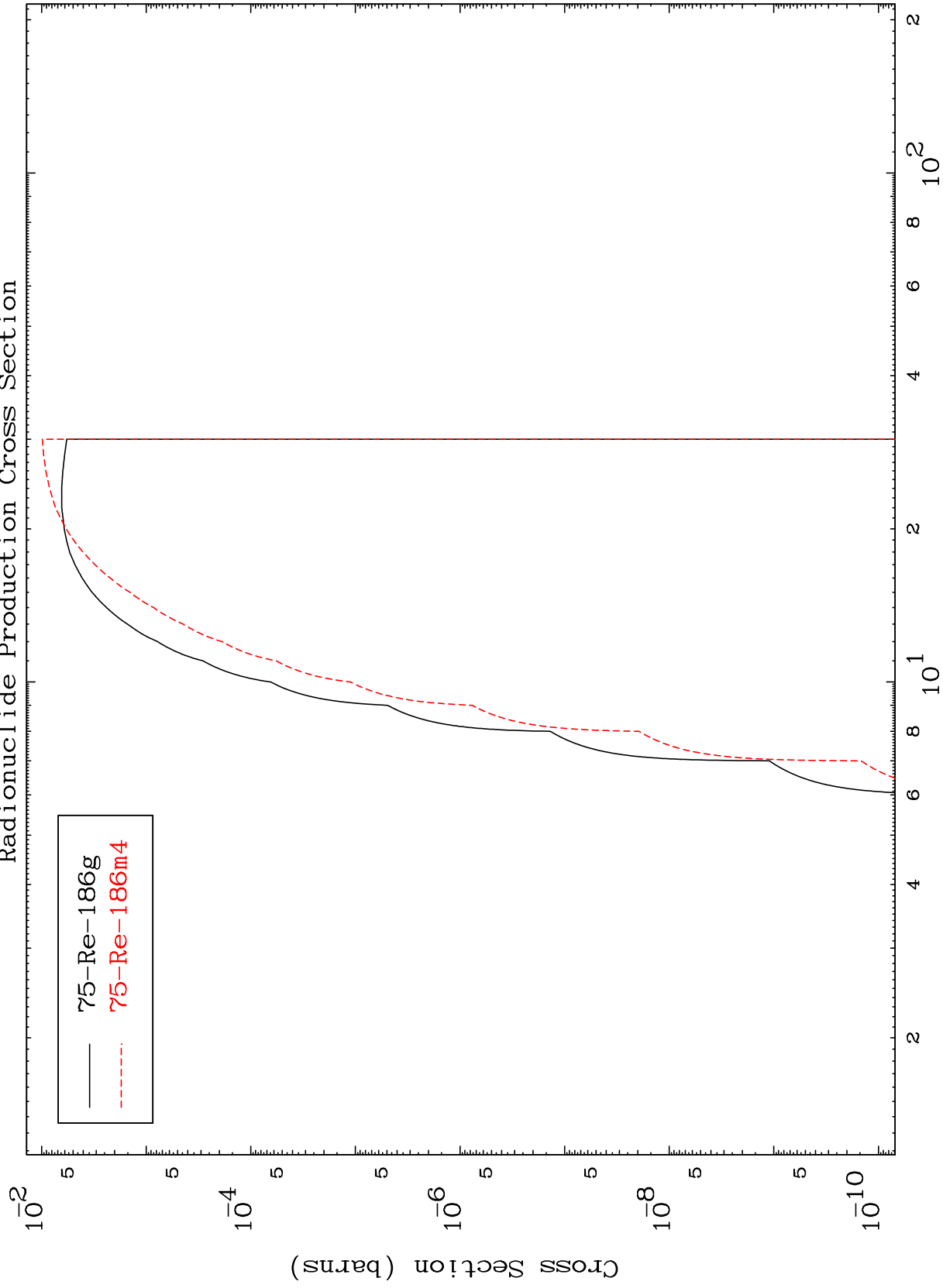
75-Re-188g
75-Re-188m7

75-Re-187

MAT 7531

(d, t)
Radionuclide Production Cross Section

75-Re-187



20

Incident Energy (MeV)

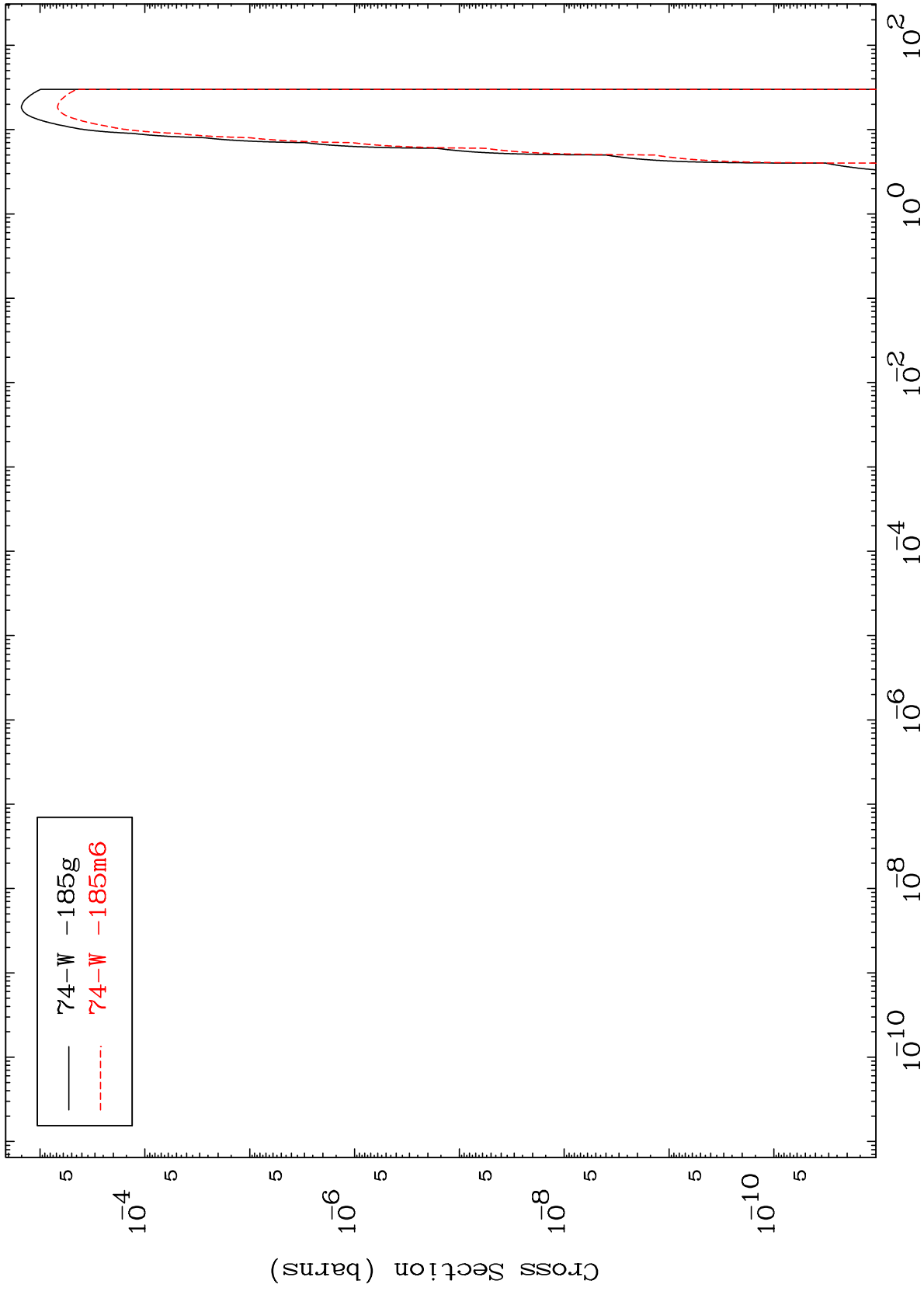
75-Re-187

MAT 7531

(d, α)

⁷⁵Re-187

Radionuclide Production Cross Section



21

Incident Energy (MeV)

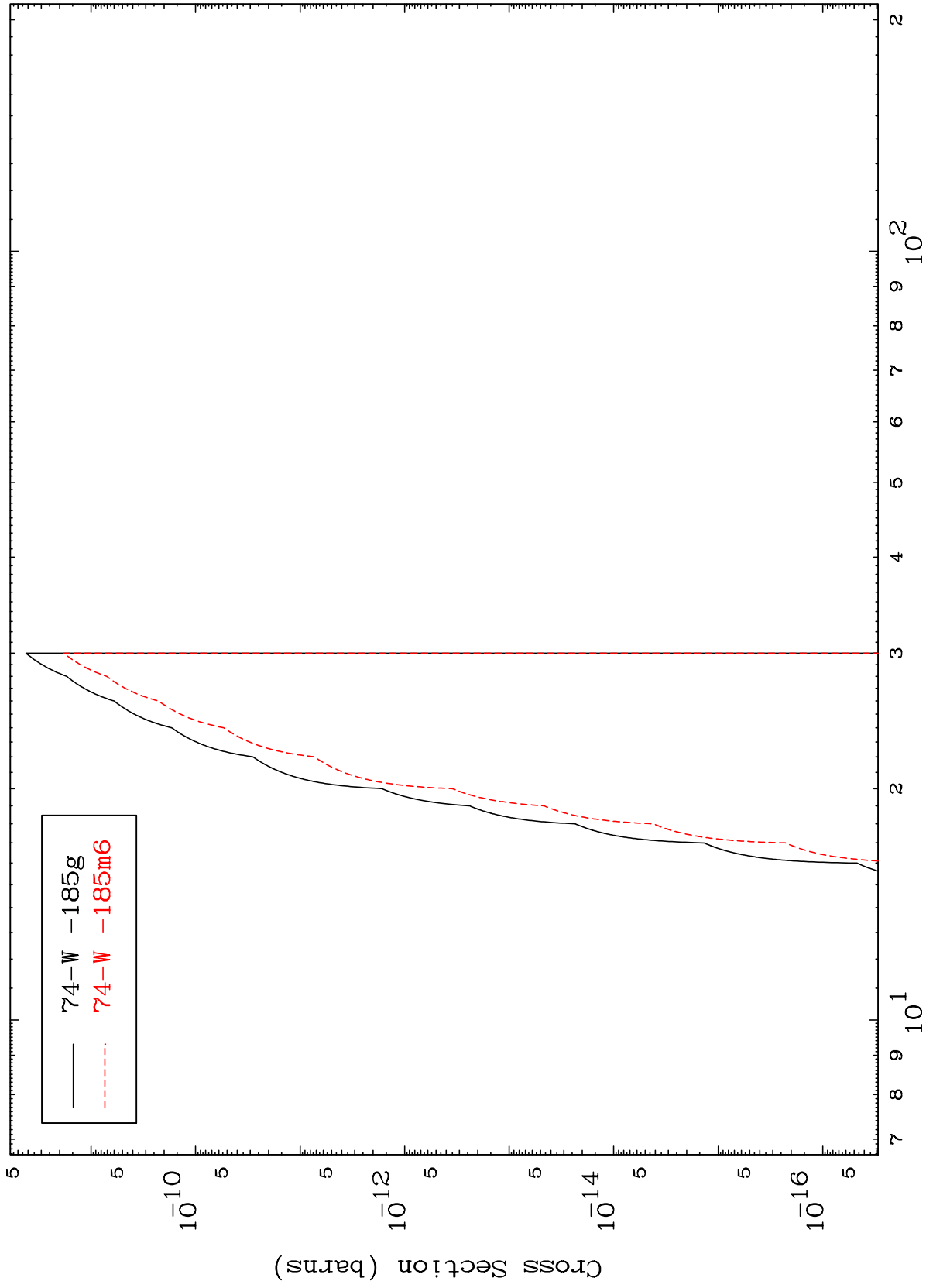
⁷⁵Re-187

MAT 7531

(d,p) t

75-Re-187

Radionuclide Production Cross Section



22

Incident Energy (MeV)

75-Re-187