

Program EVALPLOT
(Version 2018-1)

by

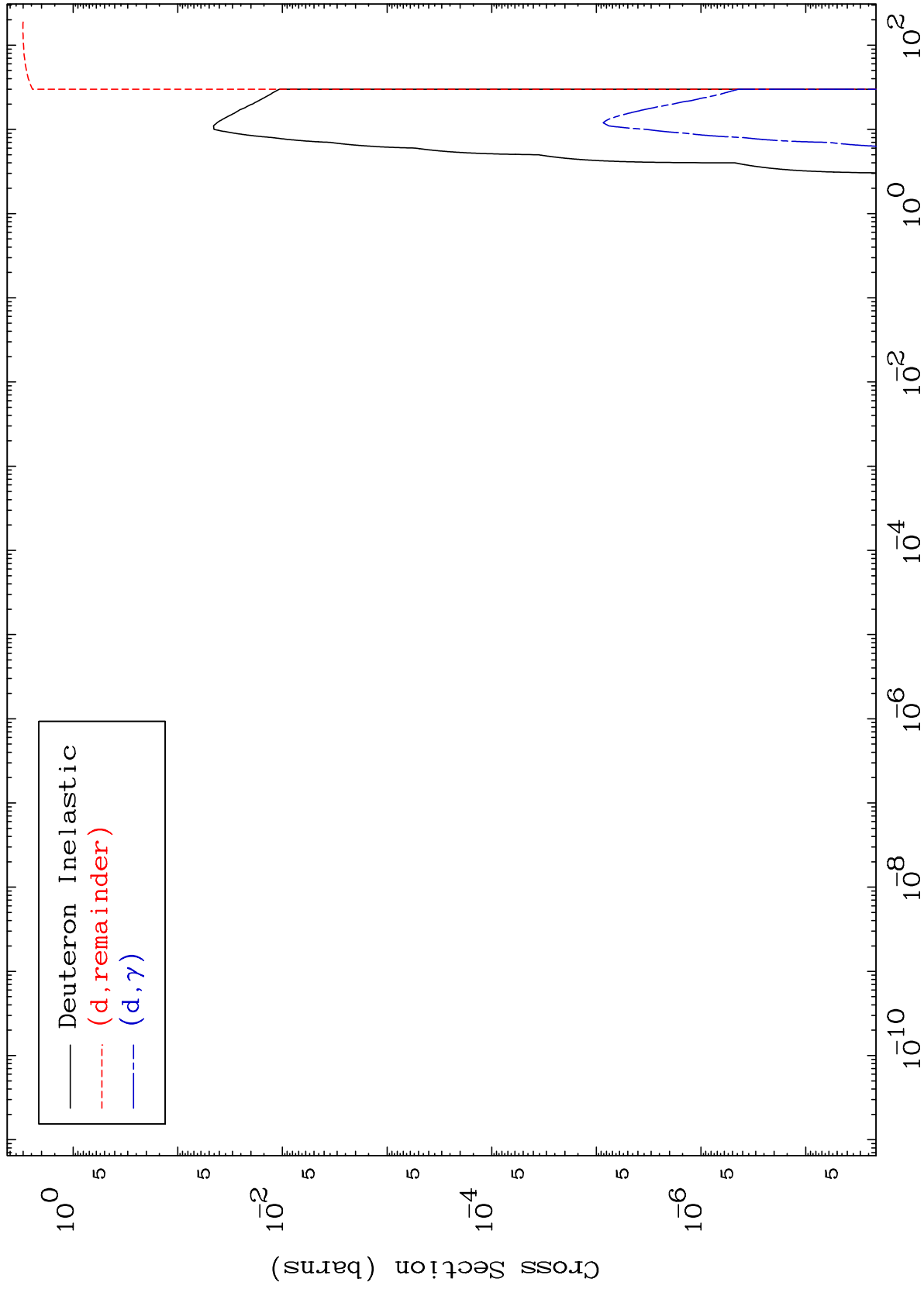
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
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Tele: 925-443-1911

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

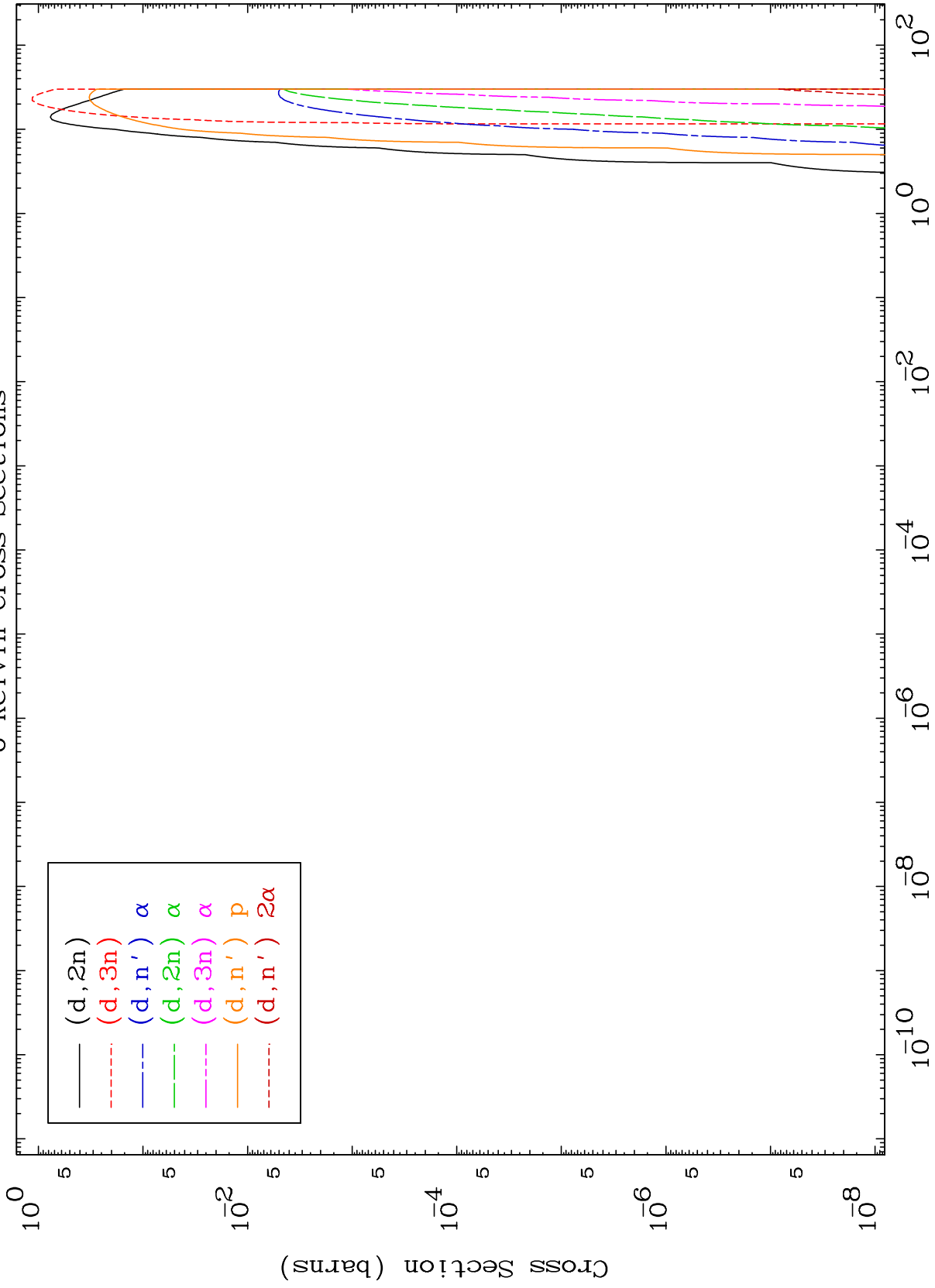
Press Mouse Button to Start



MAT 7523

Deuteron Neutron Production
0 Kelvin Cross Sections

75-Re-184



2

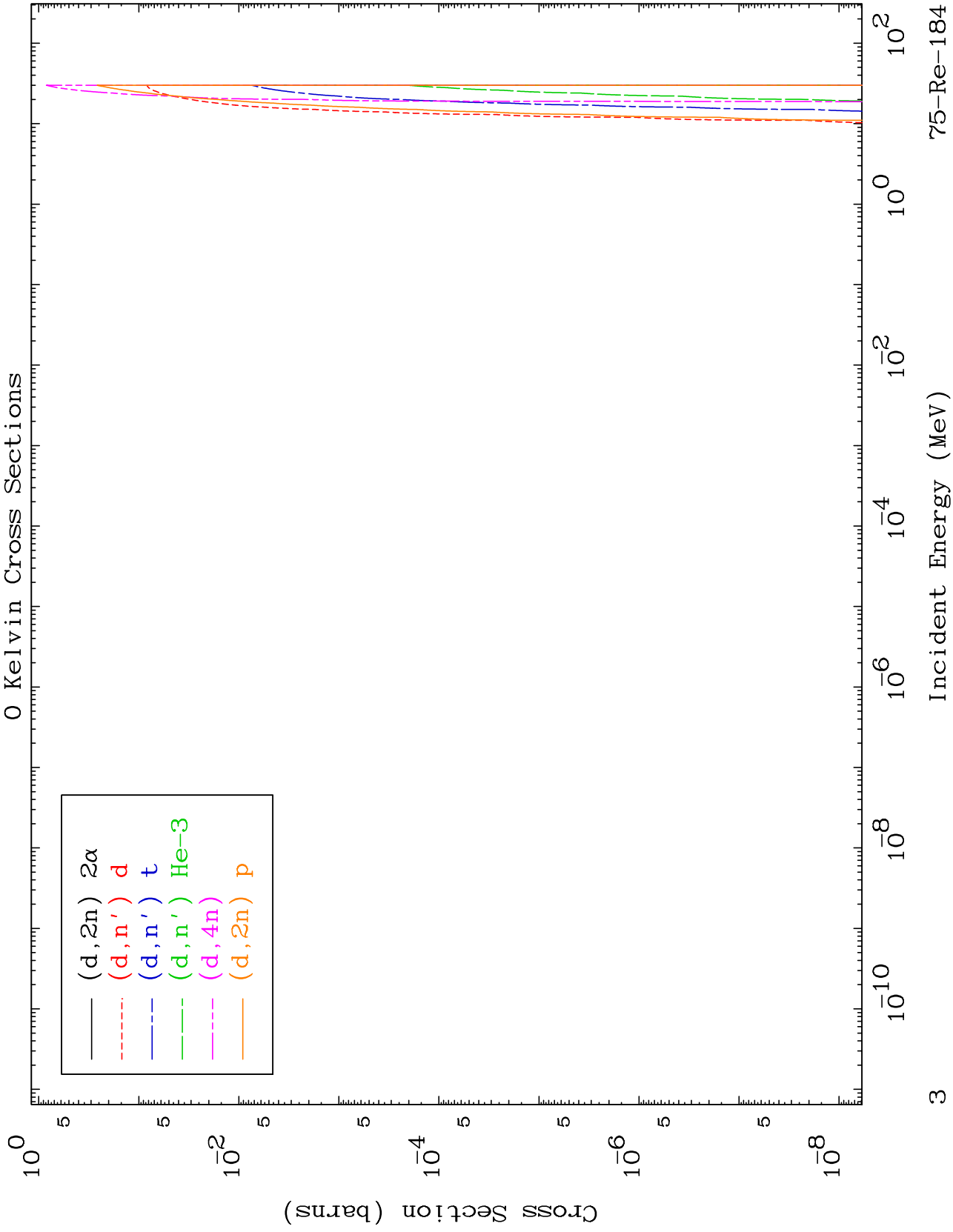
Incident Energy (MeV)

75-Re-184

MAT 7523

Deuteron Neutron Production
0 Kelvin Cross Sections

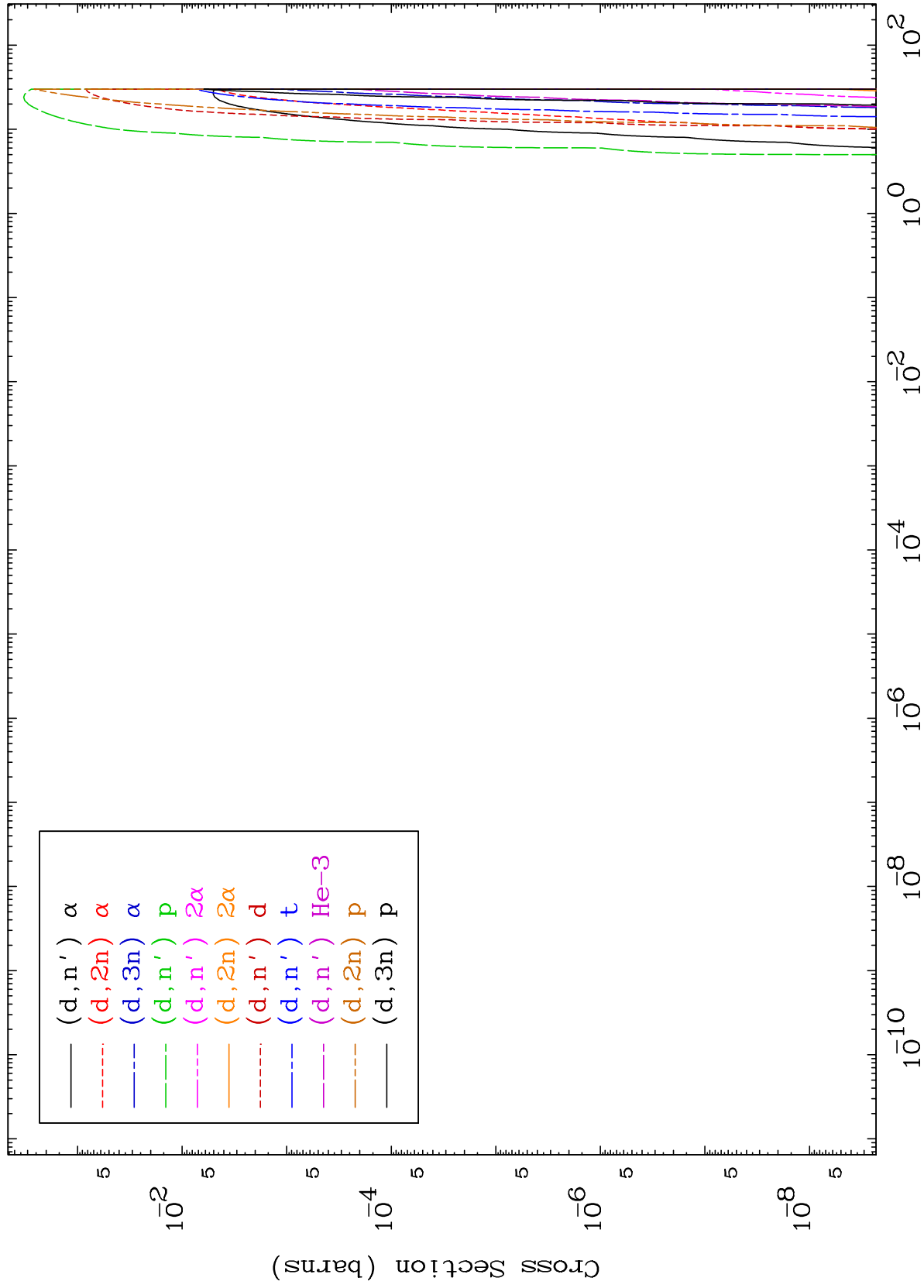
75-Re-184



MAT 7523

Deuteron Charged Particle
0 Kelvin Cross Sections

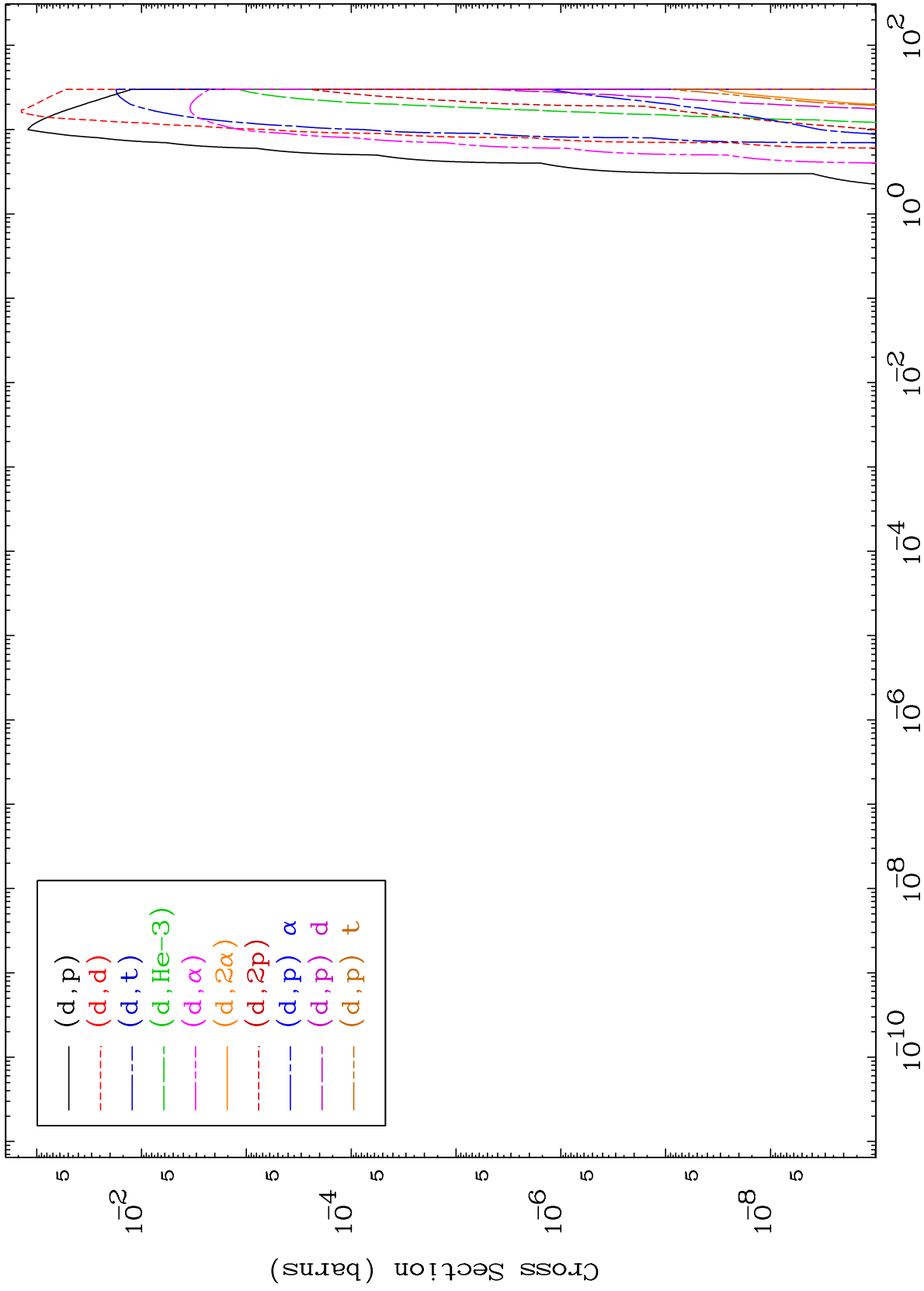
75-Re-184



MAT 7523

Deuteron Charged Particle
0 Kelvin Cross Sections

75-Re-184



5

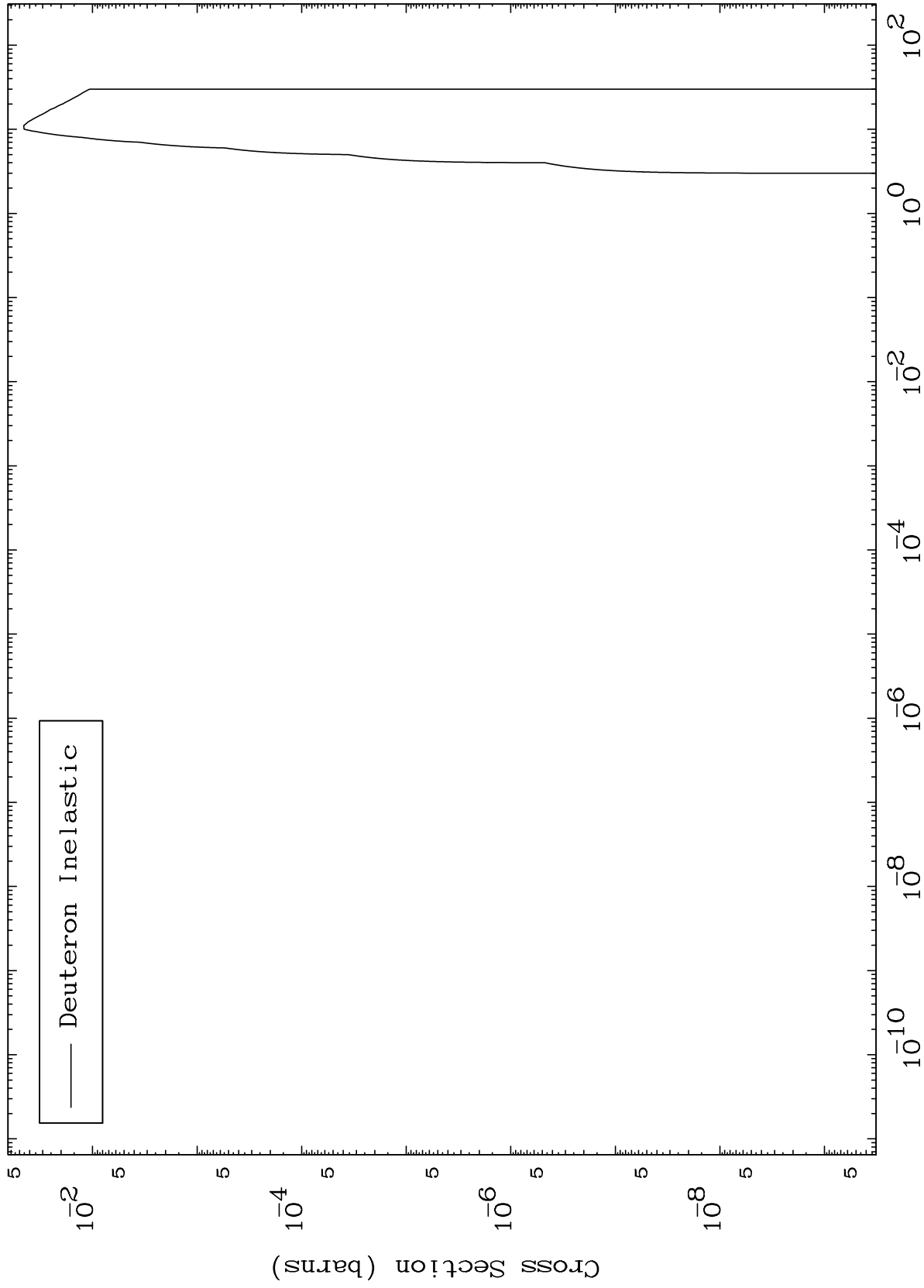
Incident Energy (MeV)

75-Re-184

MAT 7523

(d,n') Level
0 Kelvin Cross Sections

75-Re-184



6

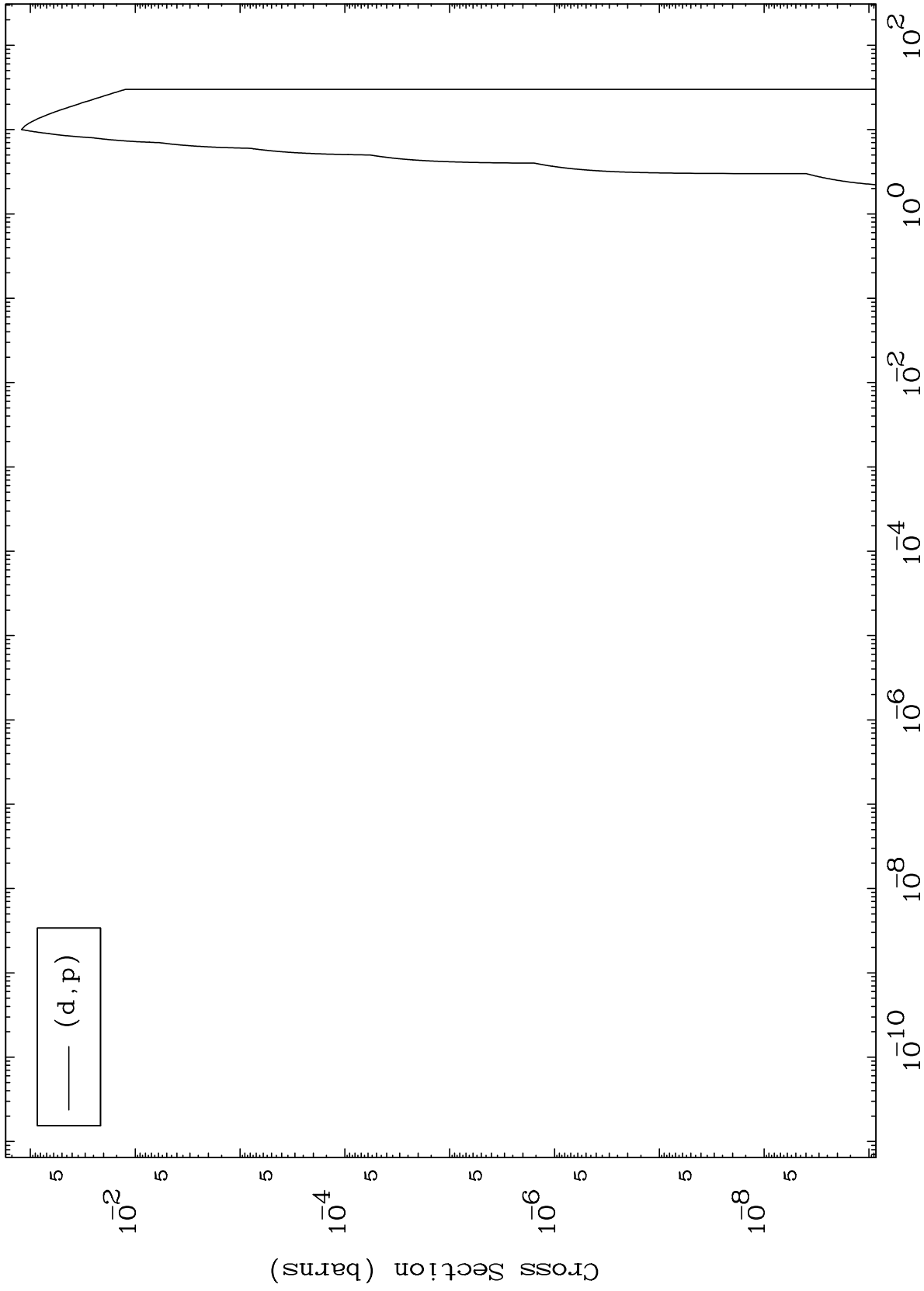
Incident Energy (MeV)

75-Re-184

MAT 7523

(d,p) Levels
0 Kelvin Cross Sections

75-Re-184



7

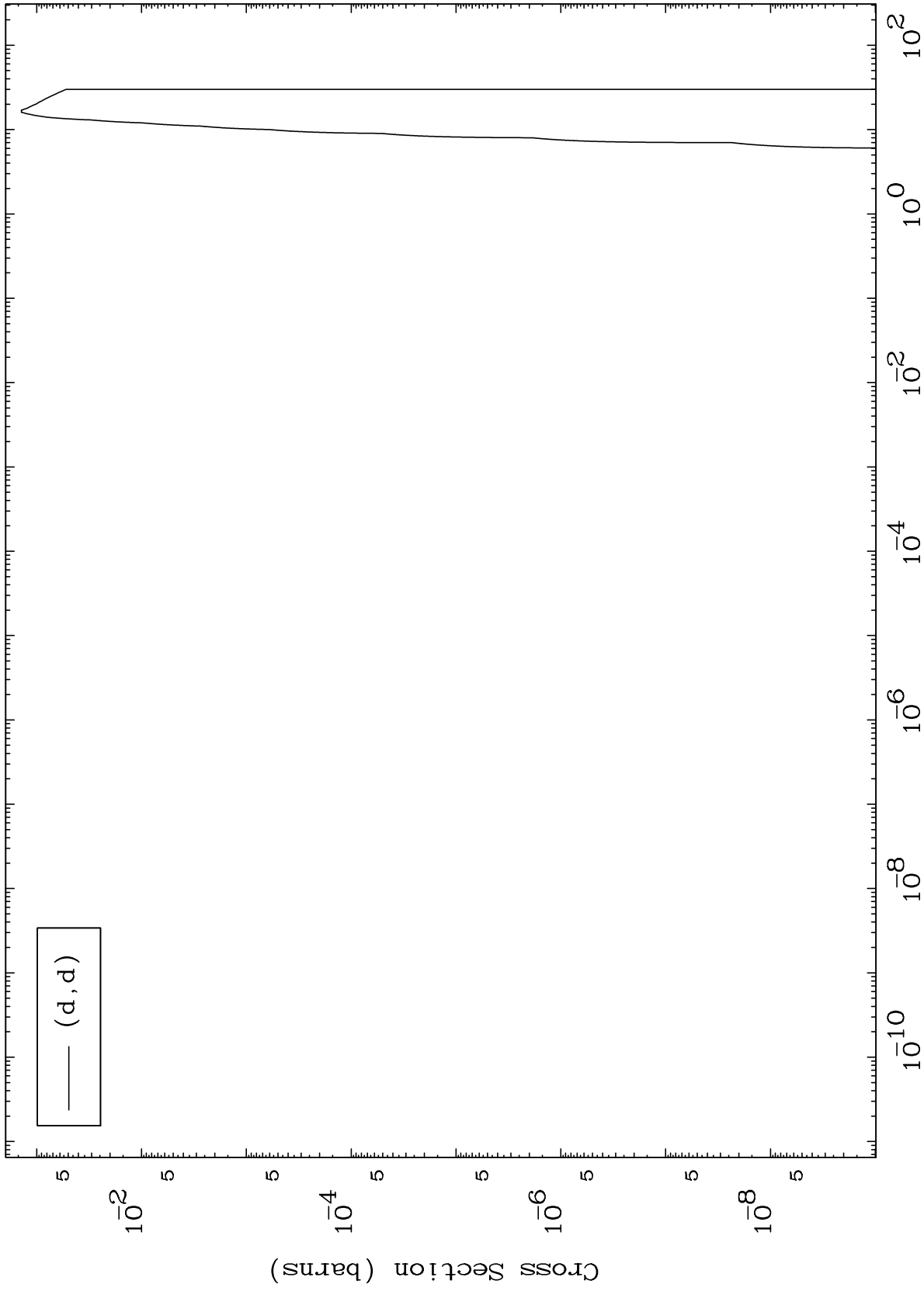
Incident Energy (MeV)

75-Re-184

MAT 7523

(d,d) Levels
0 Kelvin Cross Sections

75-Re-184



8

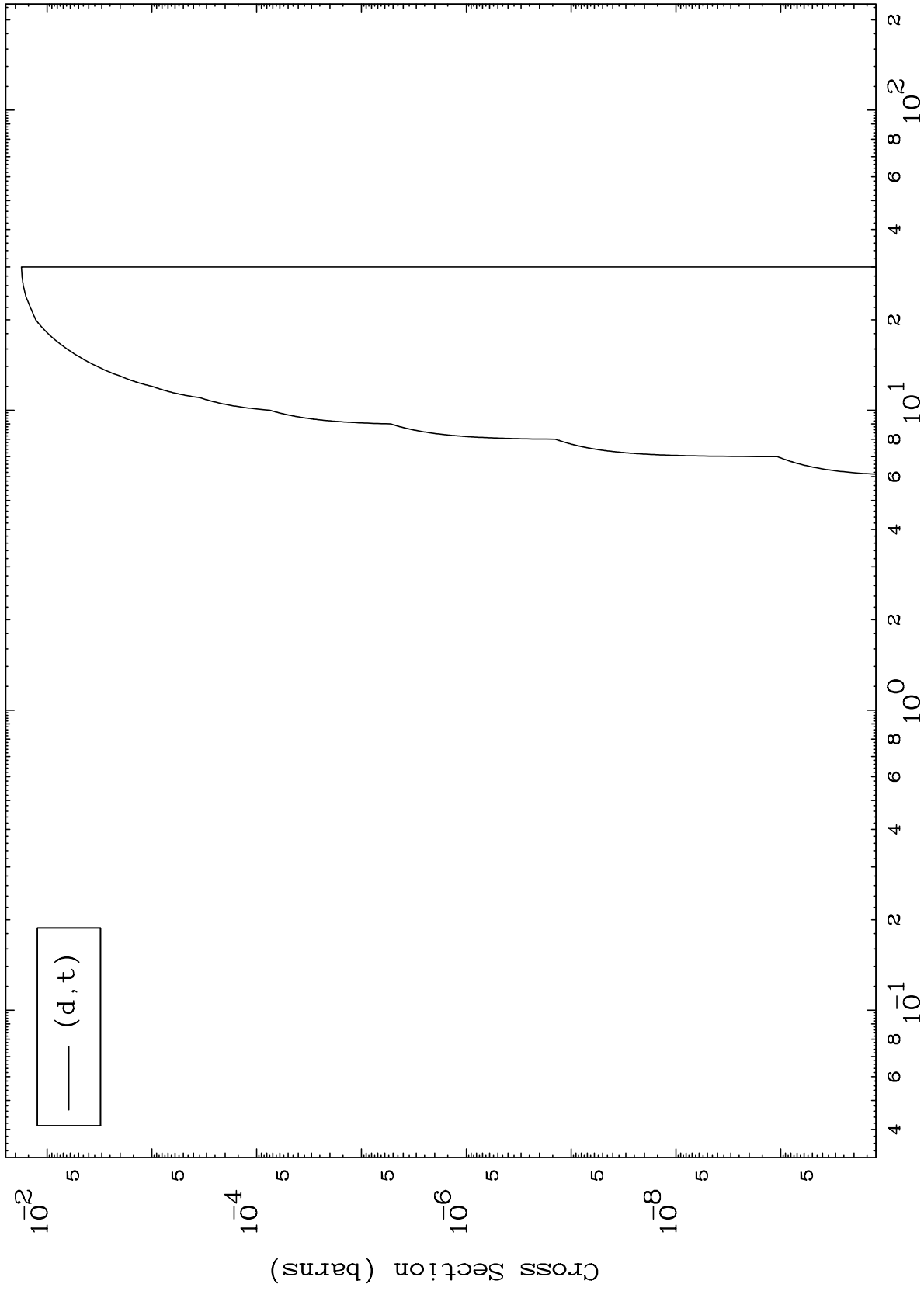
Incident Energy (MeV)

75-Re-184

MAT 7523

(d,t) Levels
0 Kelvin Cross Sections

75-Re-184



9

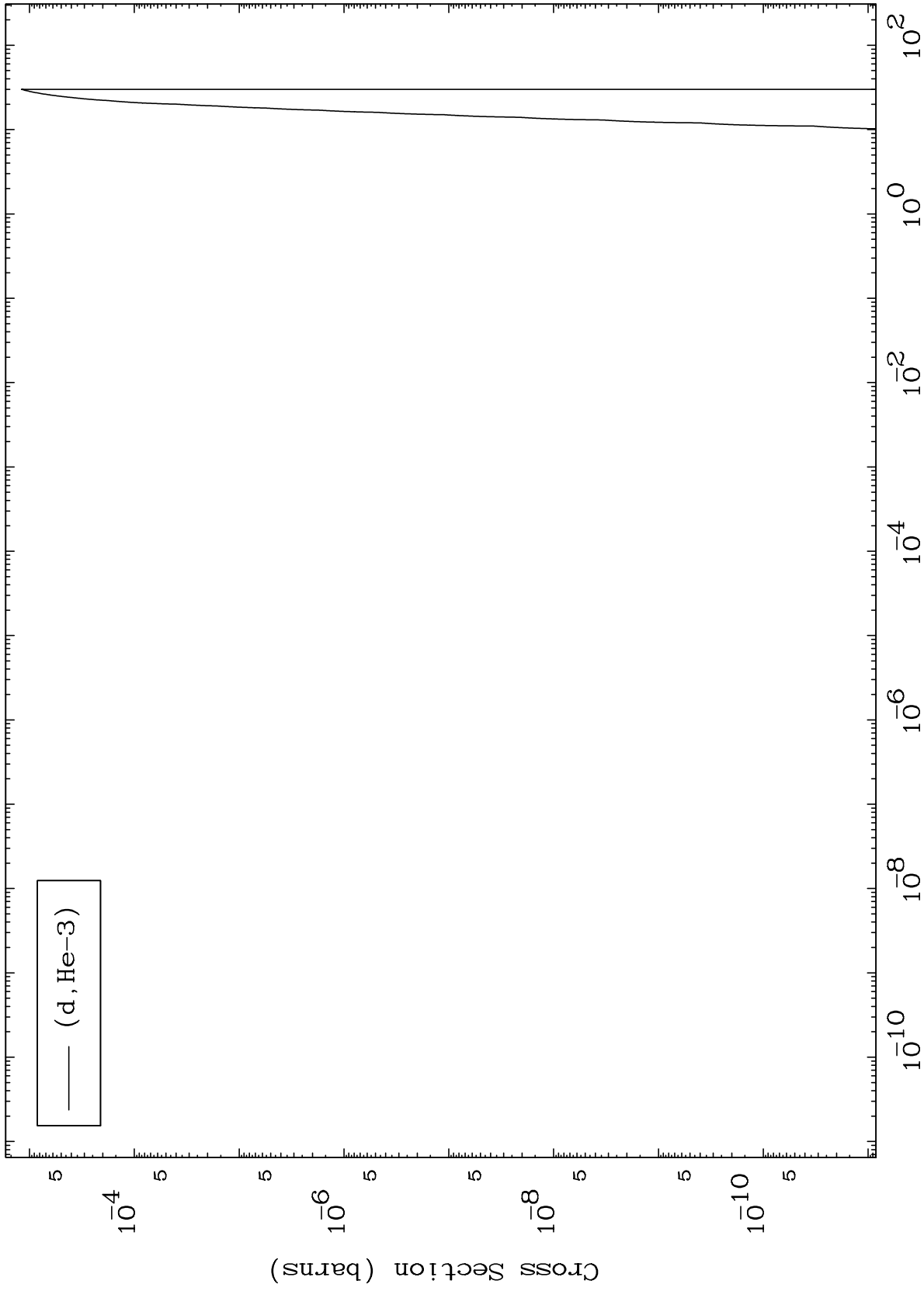
Incident Energy (MeV)

75-Re-184

MAT 7523

(d,He3) Levels
0 Kelvin Cross Sections

75-Re-184



10

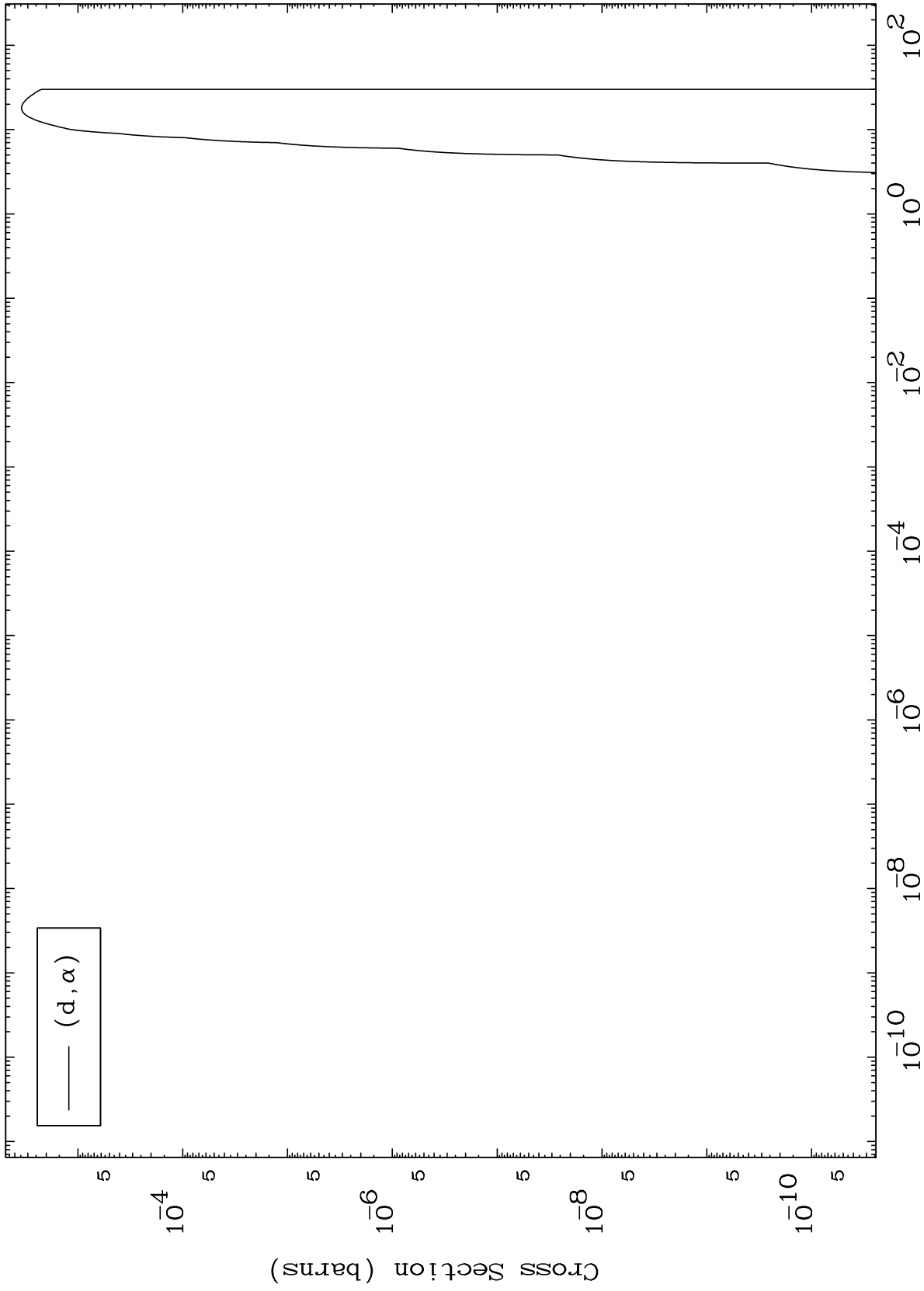
Incident Energy (MeV)

75-Re-184

MAT 7523

(d, α) Levels
0 Kelvin Cross Sections

75-Re-184



11

Incident Energy (MeV)

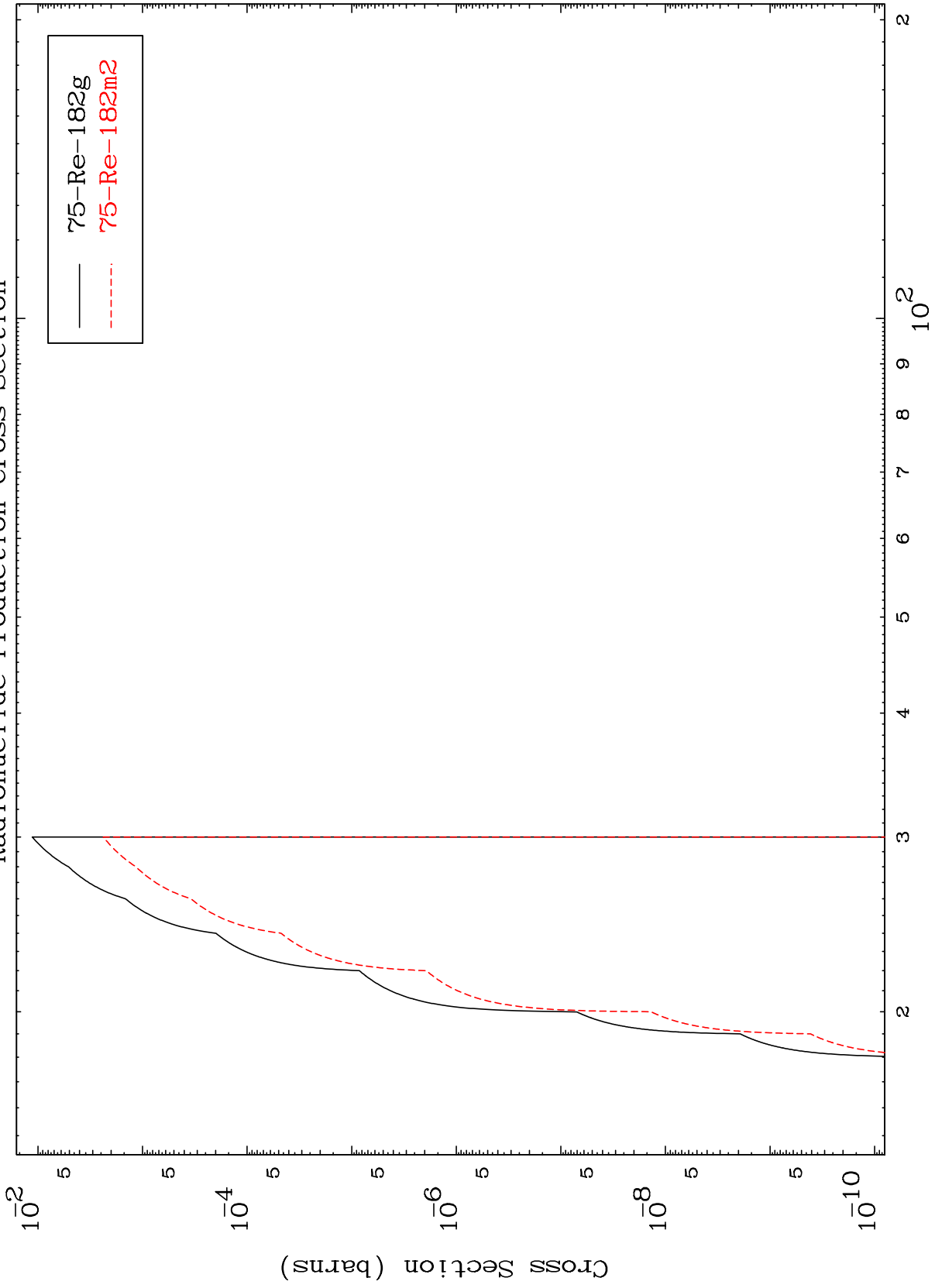
75-Re-184

MAT 7523

(d,2n) d

75-Re-184

Radionuclide Production Cross Section



12

Incident Energy (MeV)

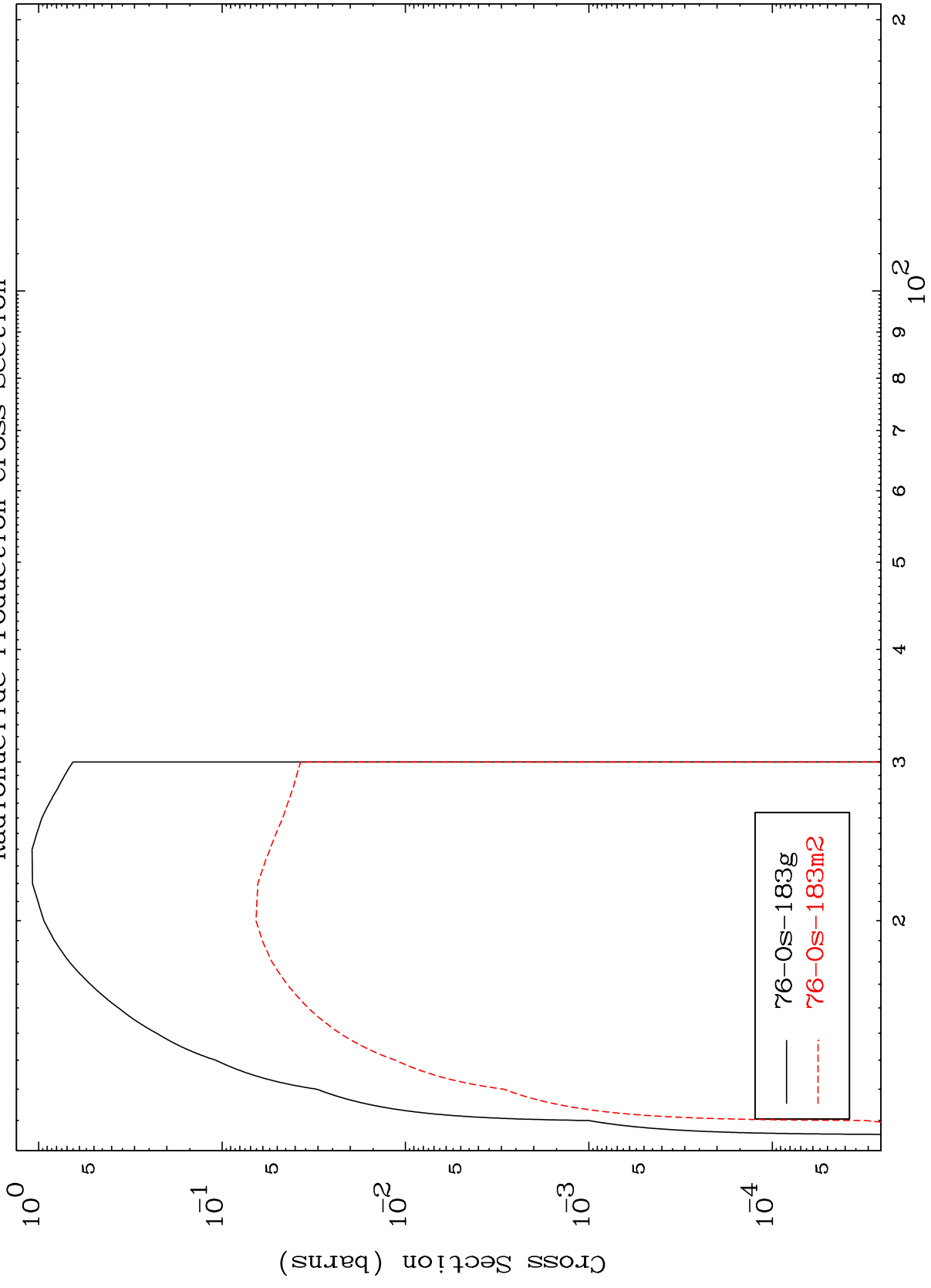
75-Re-184

MAT 7523

(d,3n)

75-Re-184

Radionuclide Production Cross Section



13

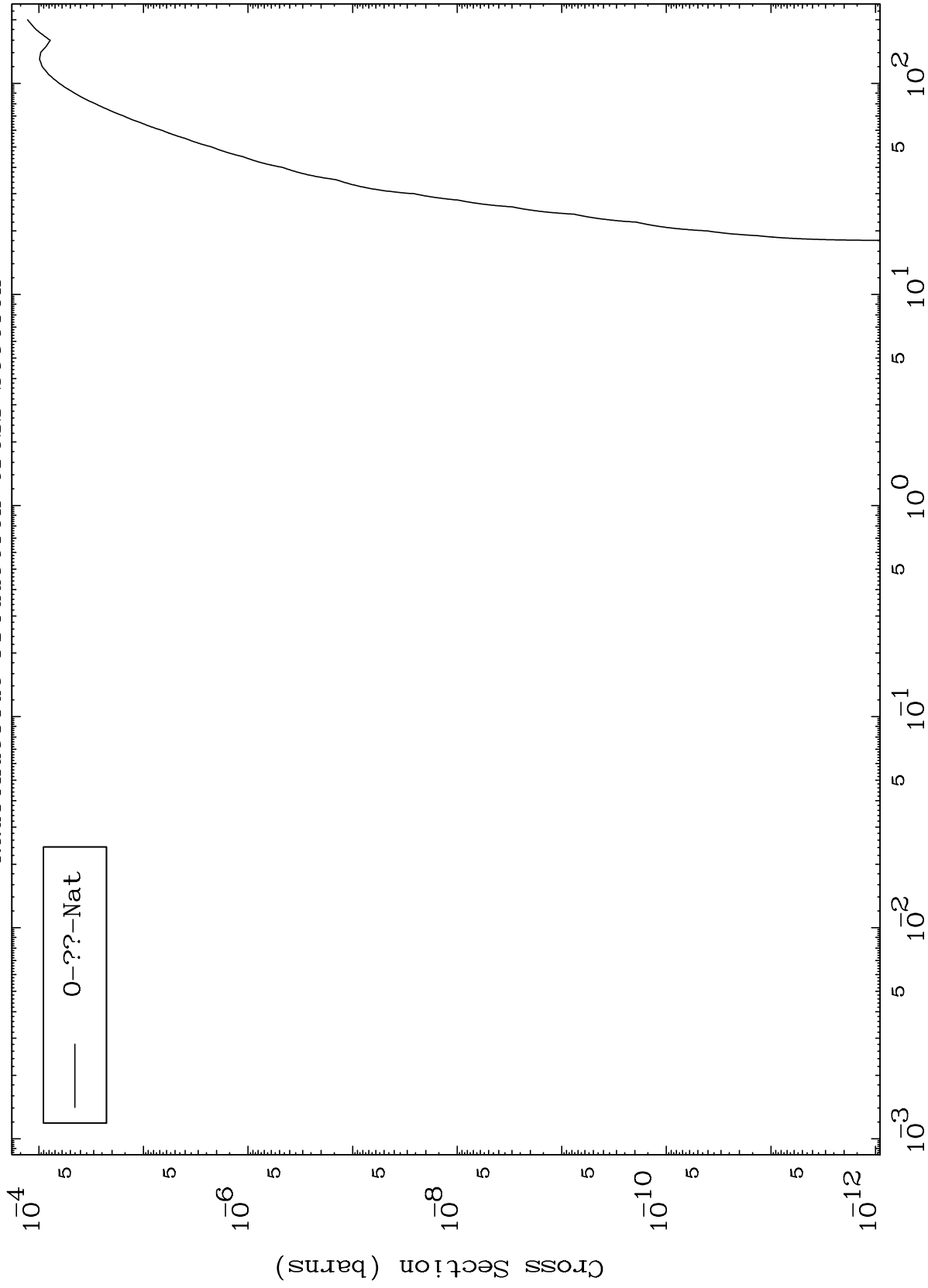
Incident Energy (MeV)

75-Re-184

MAT 7523

Deuteron Fission
Radionuclide Production Cross Section

75-Re-184



14

Incident Energy (MeV)

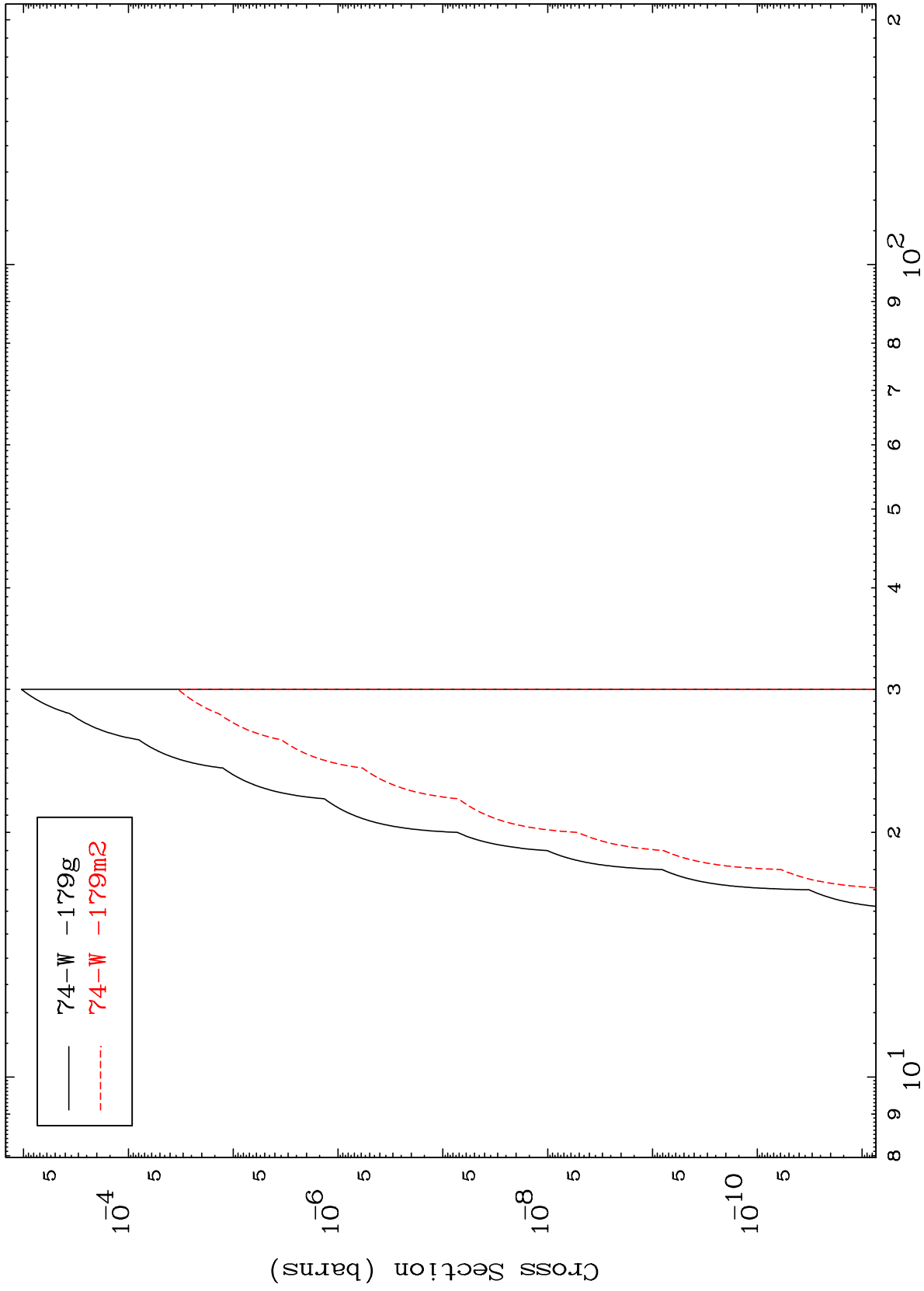
75-Re-184

MAT 7523

(d,3n) α

75-Re-184

Radionuclide Production Cross Section



15

Incident Energy (MeV)

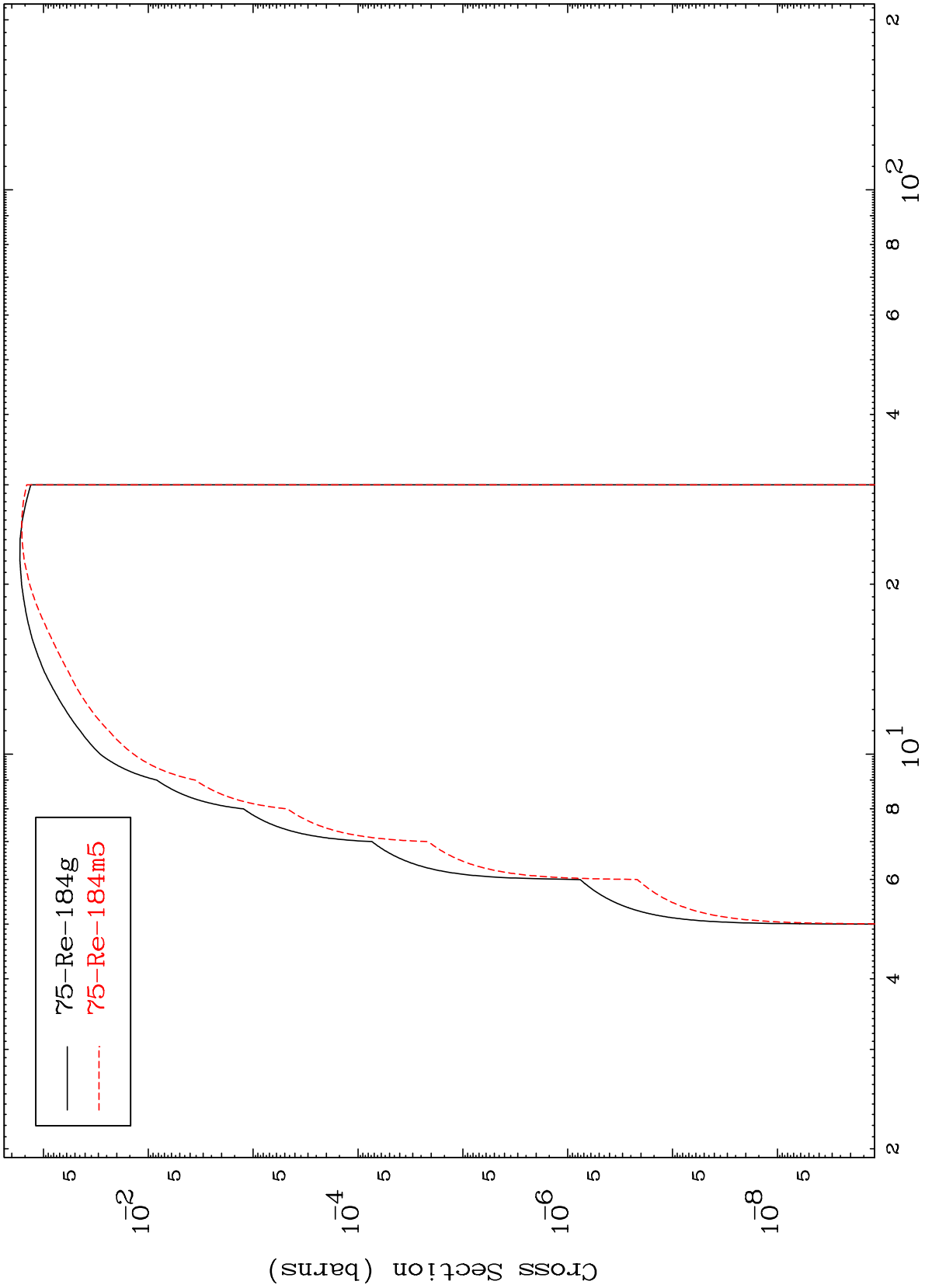
75-Re-184

MAT 7523

(d,n') p

⁷⁵Re-184

Radionuclide Production Cross Section



Legend:
— 75-Re-184g
- - - 75-Re-184m5

16

Incident Energy (MeV)

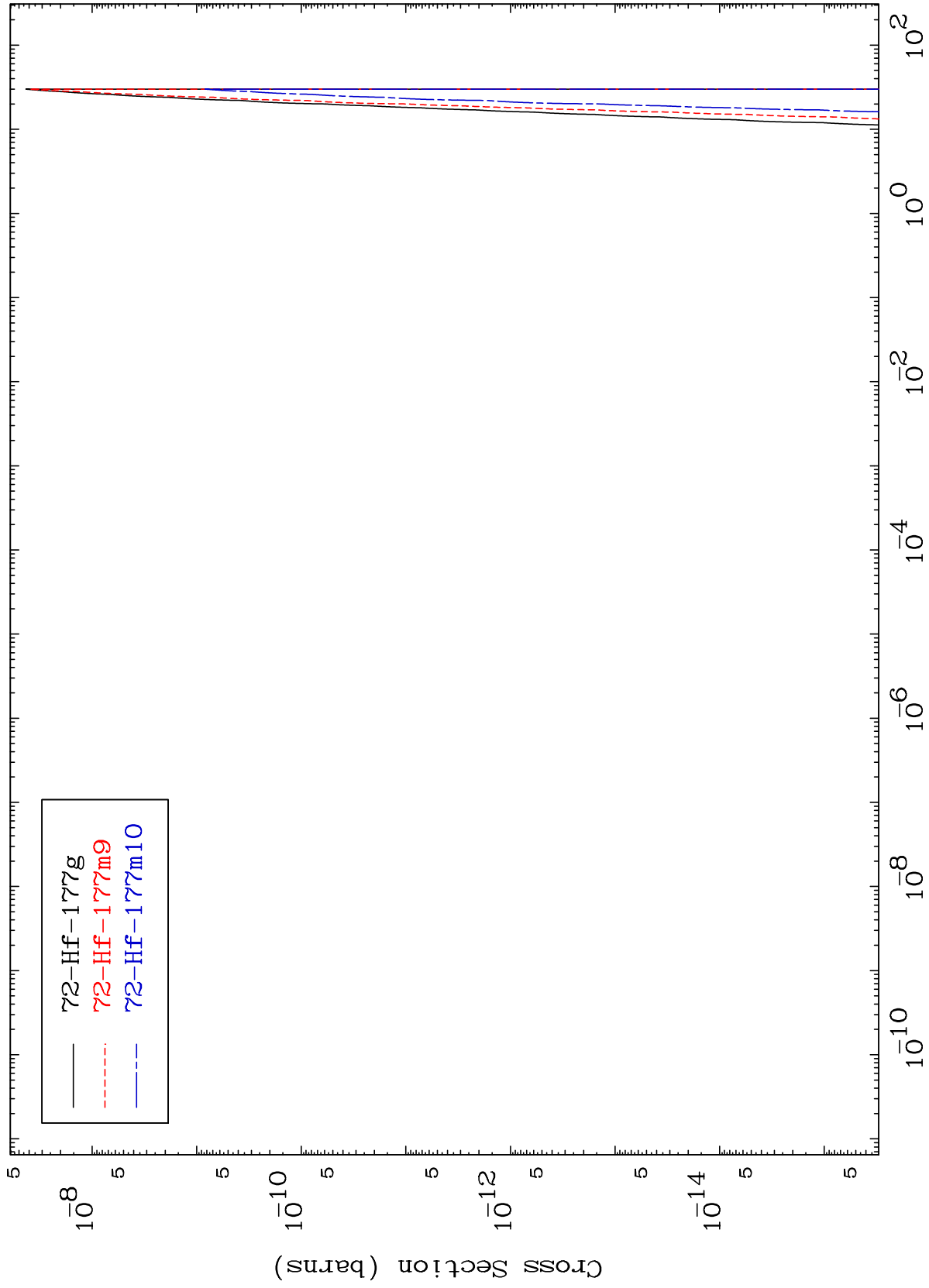
⁷⁵Re-184

MAT 7523

(d,n') 2 α

75-Re-184

Radionuclide Production Cross Section



17

Incident Energy (MeV)

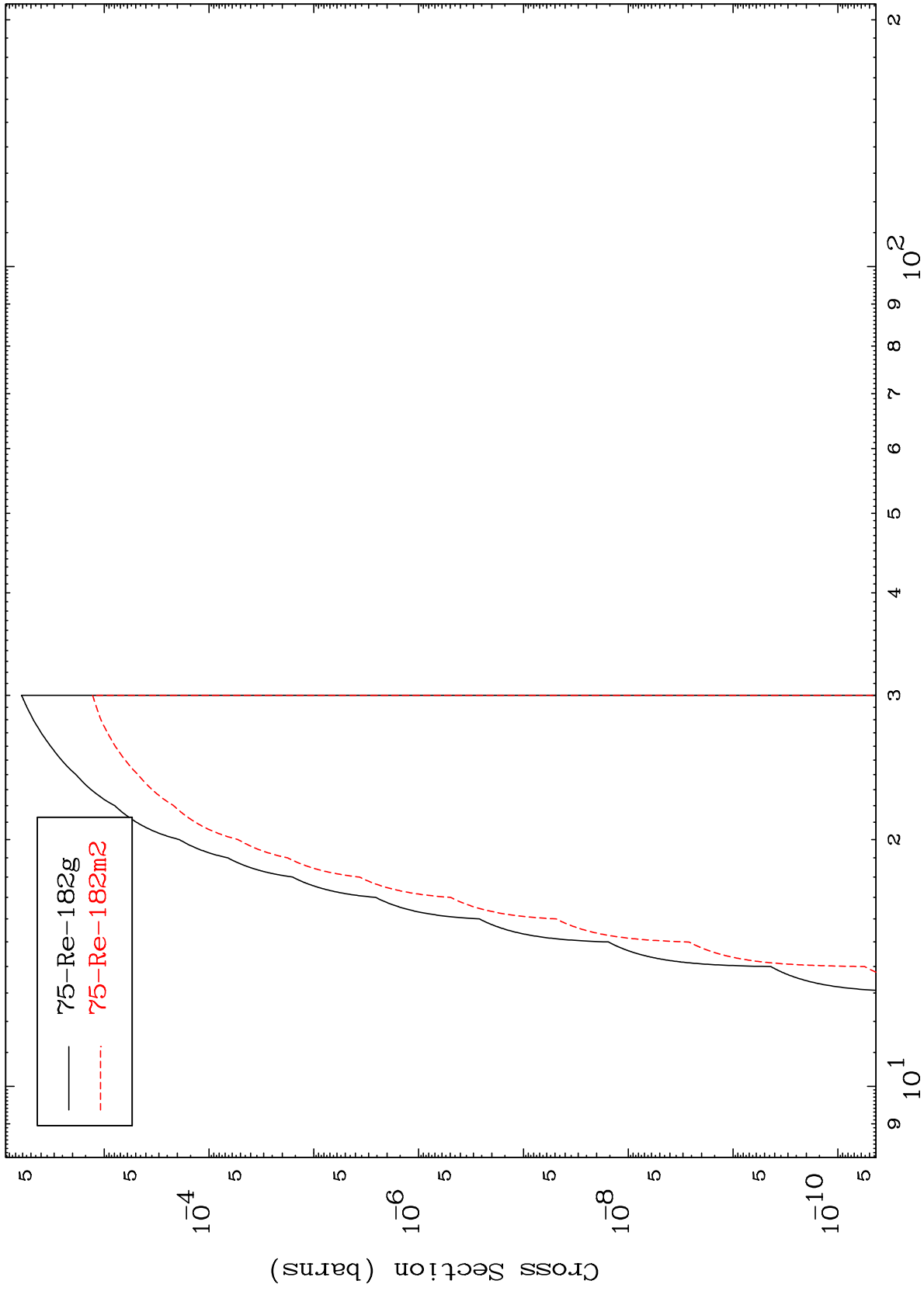
75-Re-184

MAT 7523

(d,n') t

75-Re-184

Radionuclide Production Cross Section



18

Incident Energy (MeV)

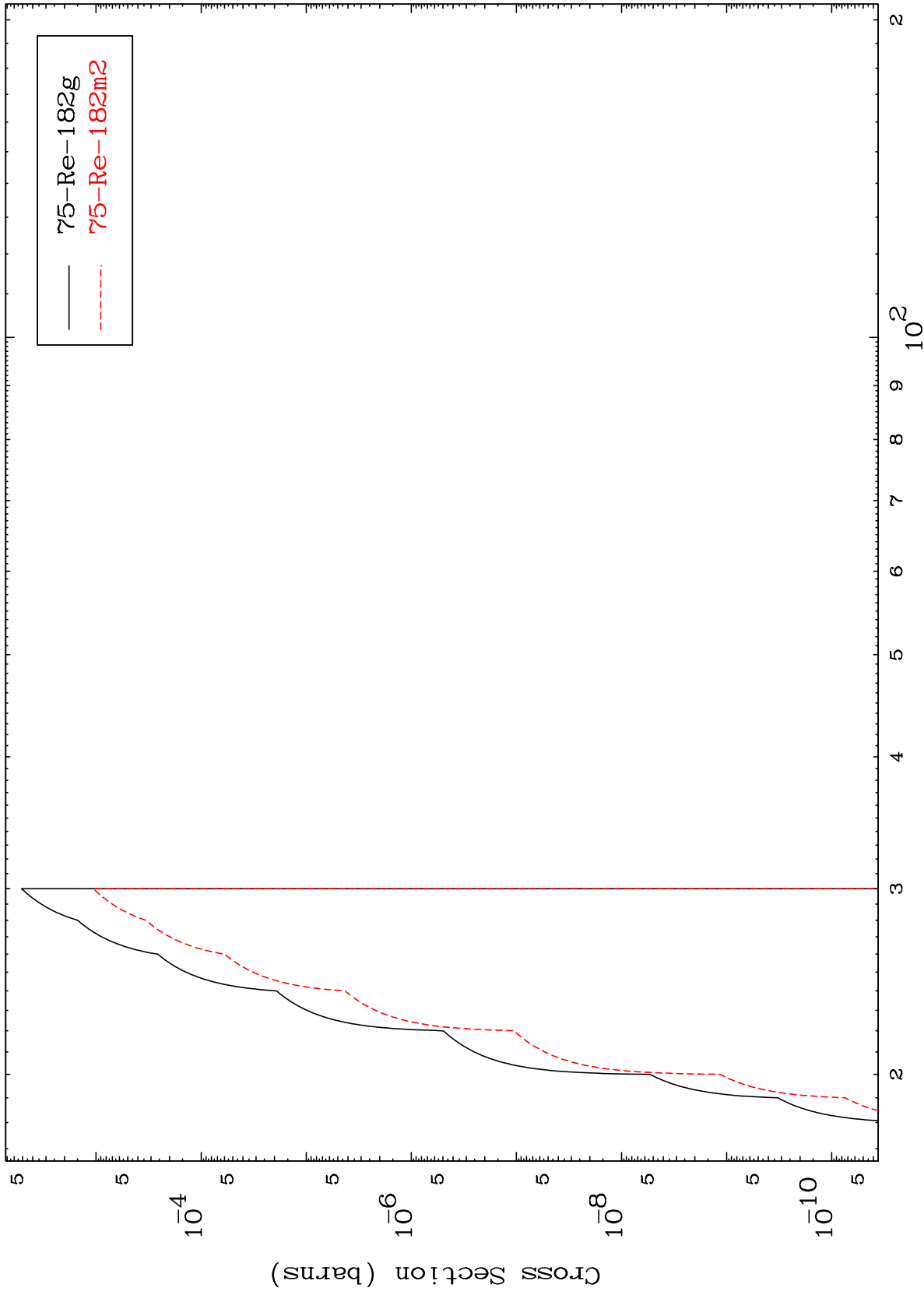
75-Re-184

MAT 7523

(d,3n) p

75-Re-184

Radionuclide Production Cross Section



19

Incident Energy (MeV)

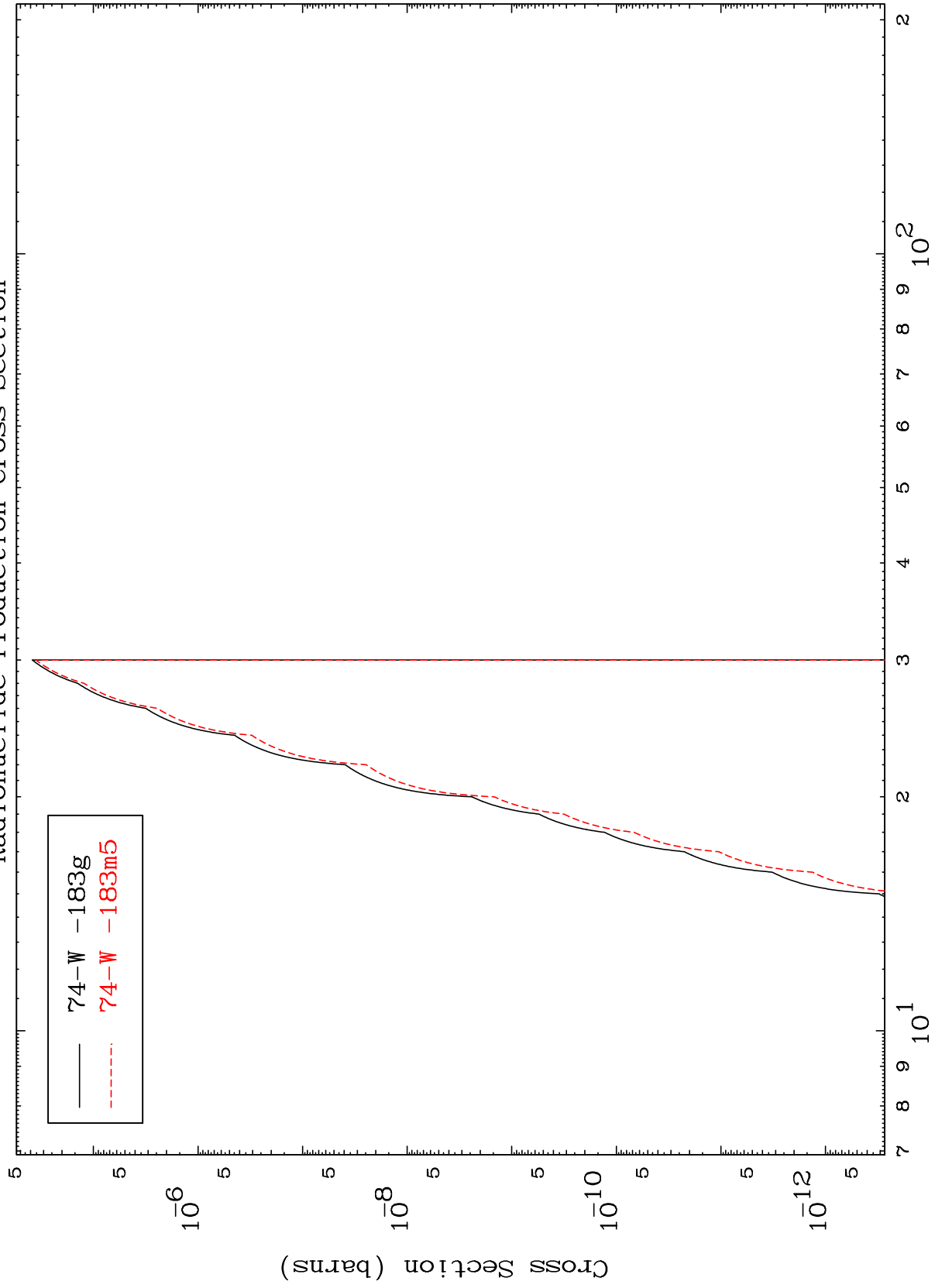
75-Re-184

MAT 7523

(d,2n) p

75-Re-184

Radionuclide Production Cross Section



20

Incident Energy (MeV)

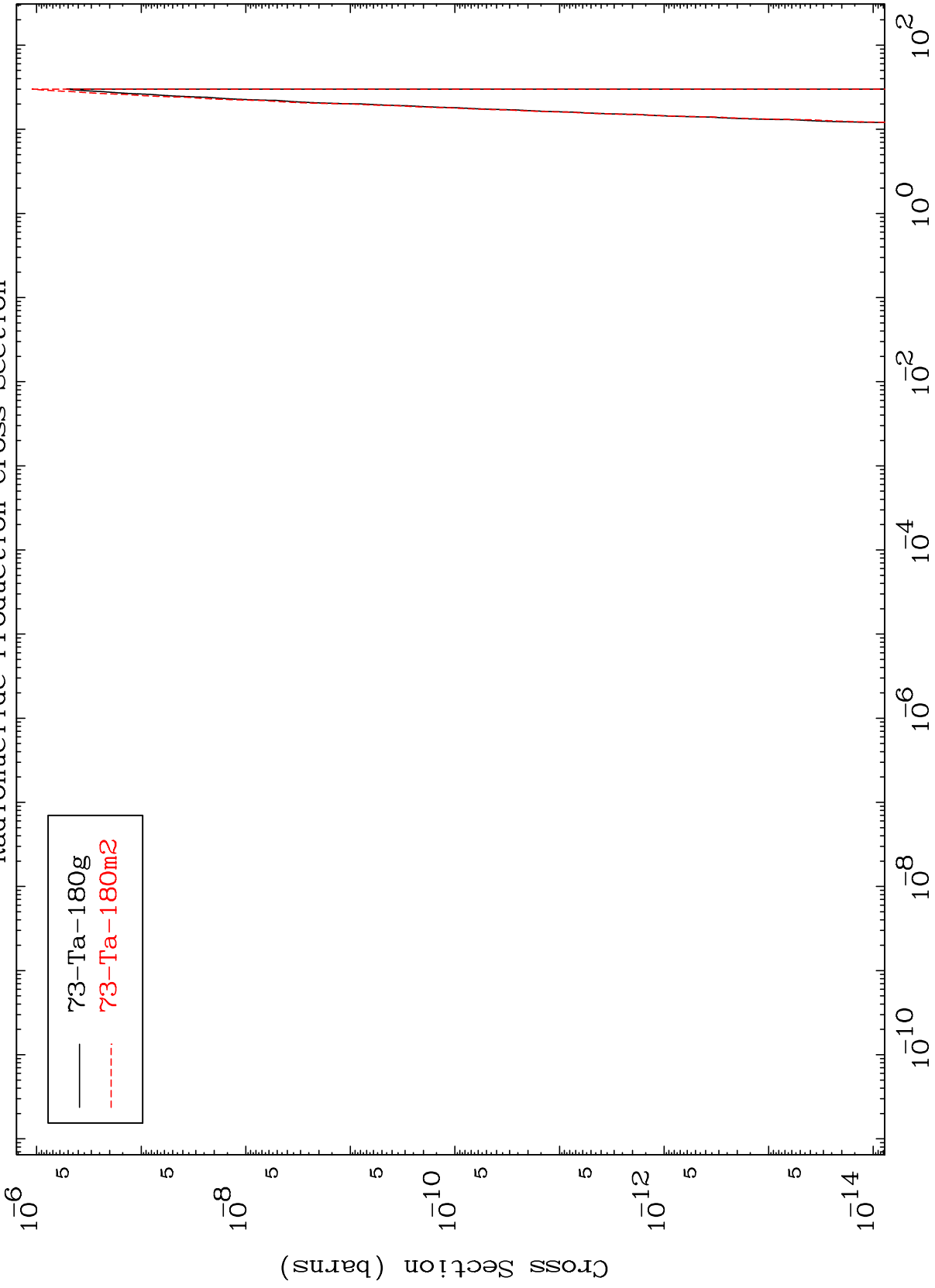
75-Re-184

MAT 7523

(d,n') p α

75-Re-184

Radionuclide Production Cross Section



21

Incident Energy (MeV)

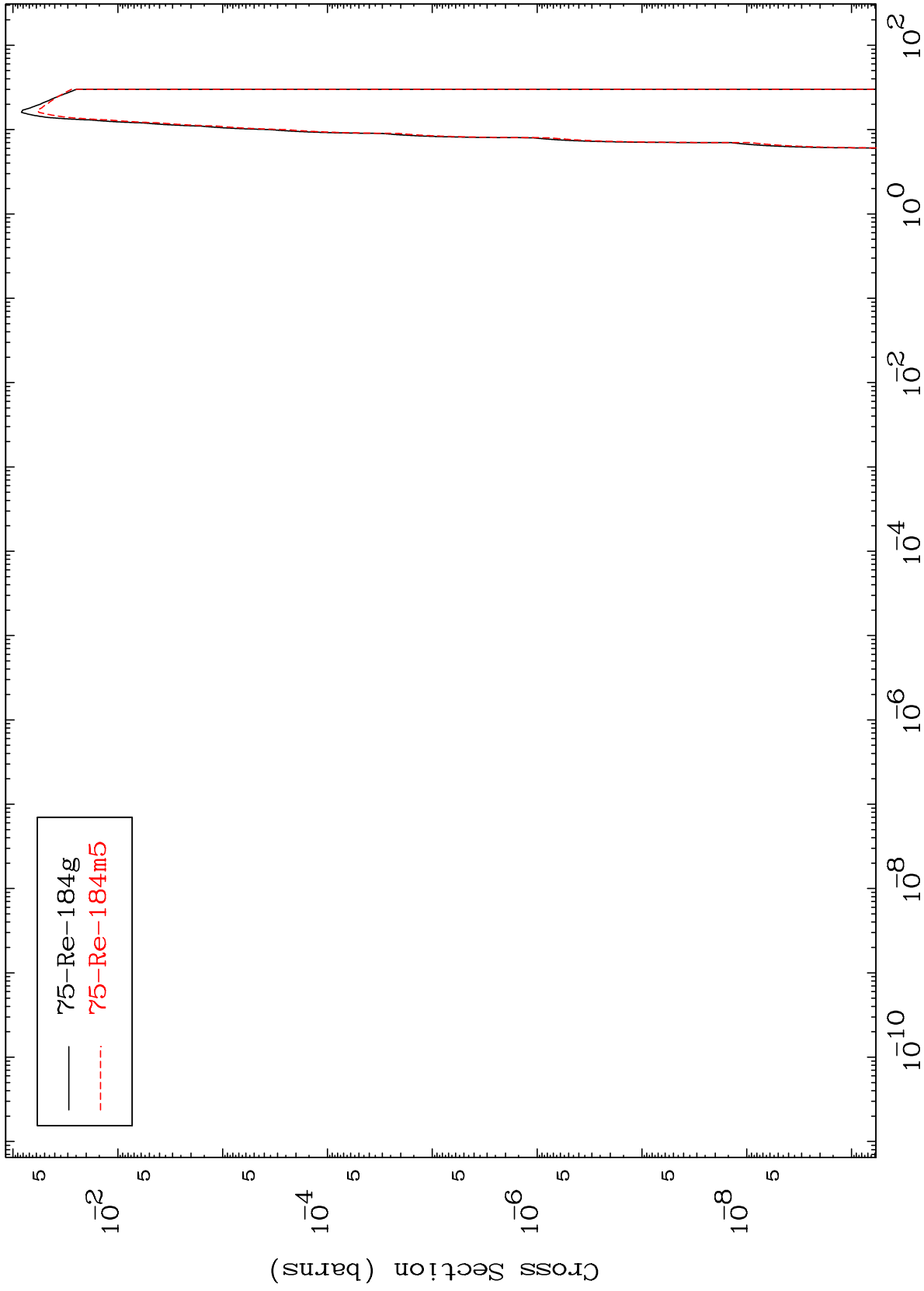
75-Re-184

MAT 7523

(d,d)

⁷⁵Re-184

Radionuclide Production Cross Section



22

Incident Energy (MeV)

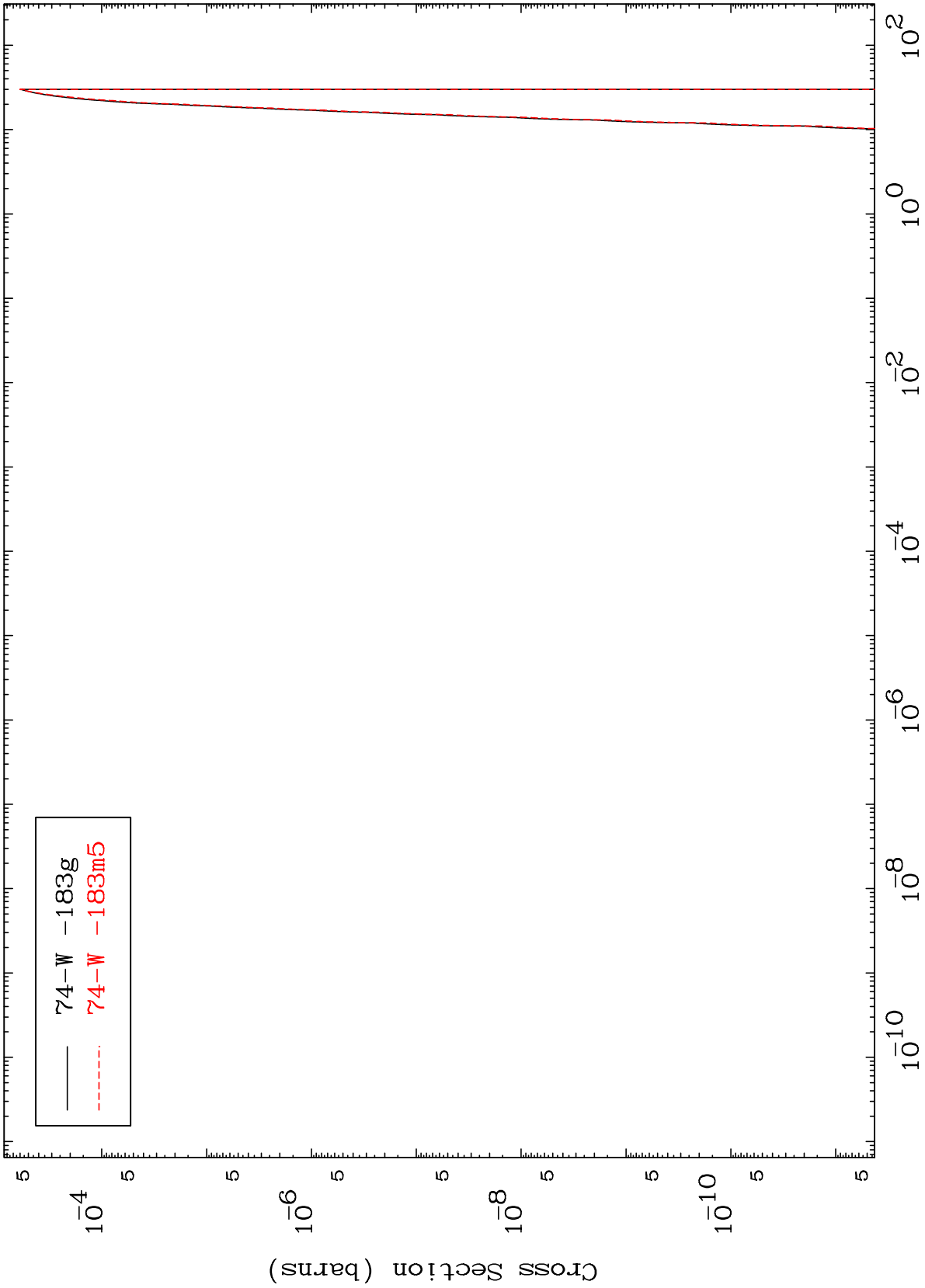
⁷⁵Re-184

MAT 7523

(d, He-3)

75-Re-184

Radionuclide Production Cross Section

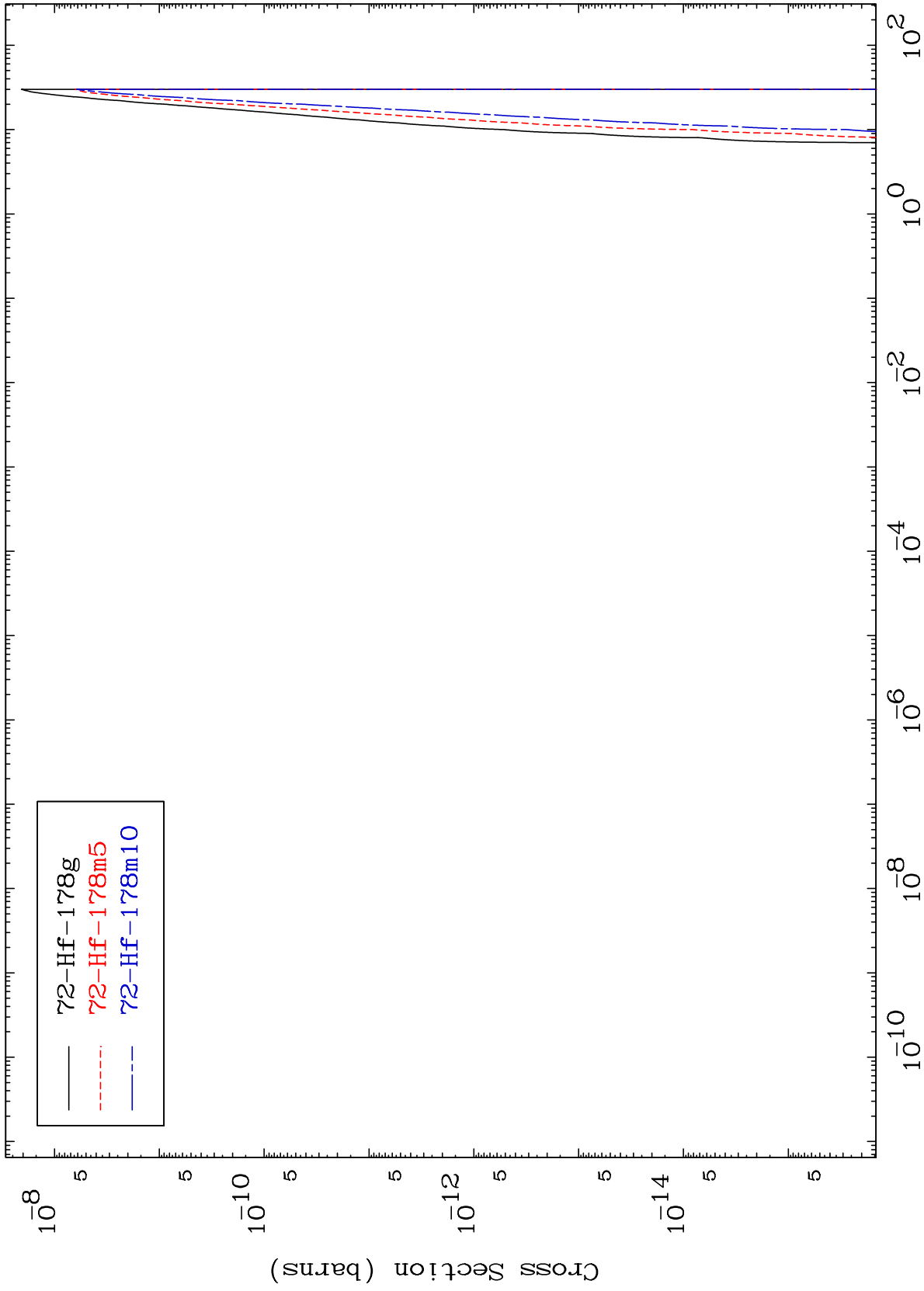


MAT 7523

(d,2 α)

75-Re-184

Radionuclide Production Cross Section

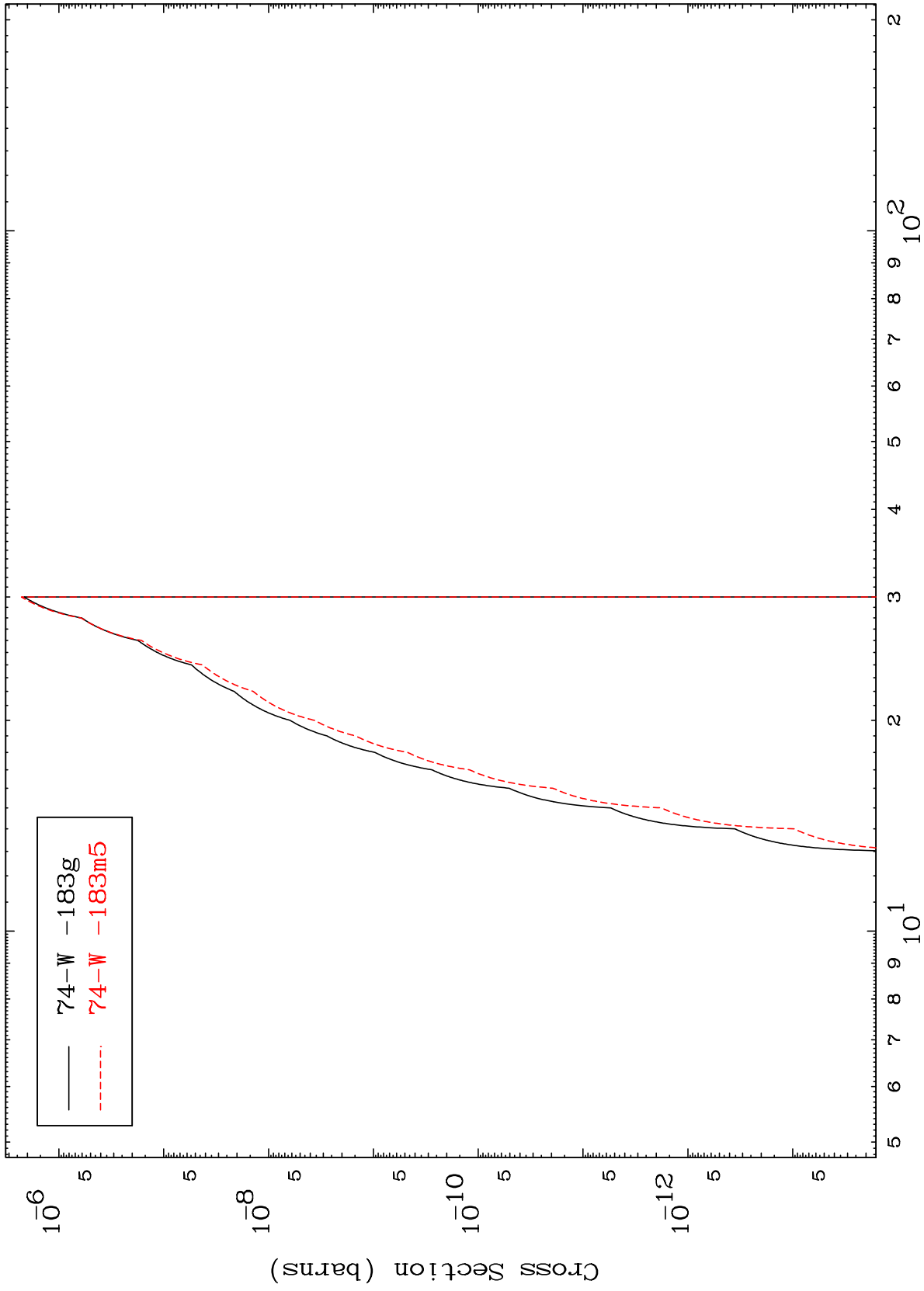


MAT 7523

(d,p) d

75-Re-184

Radionuclide Production Cross Section



25

Incident Energy (MeV)

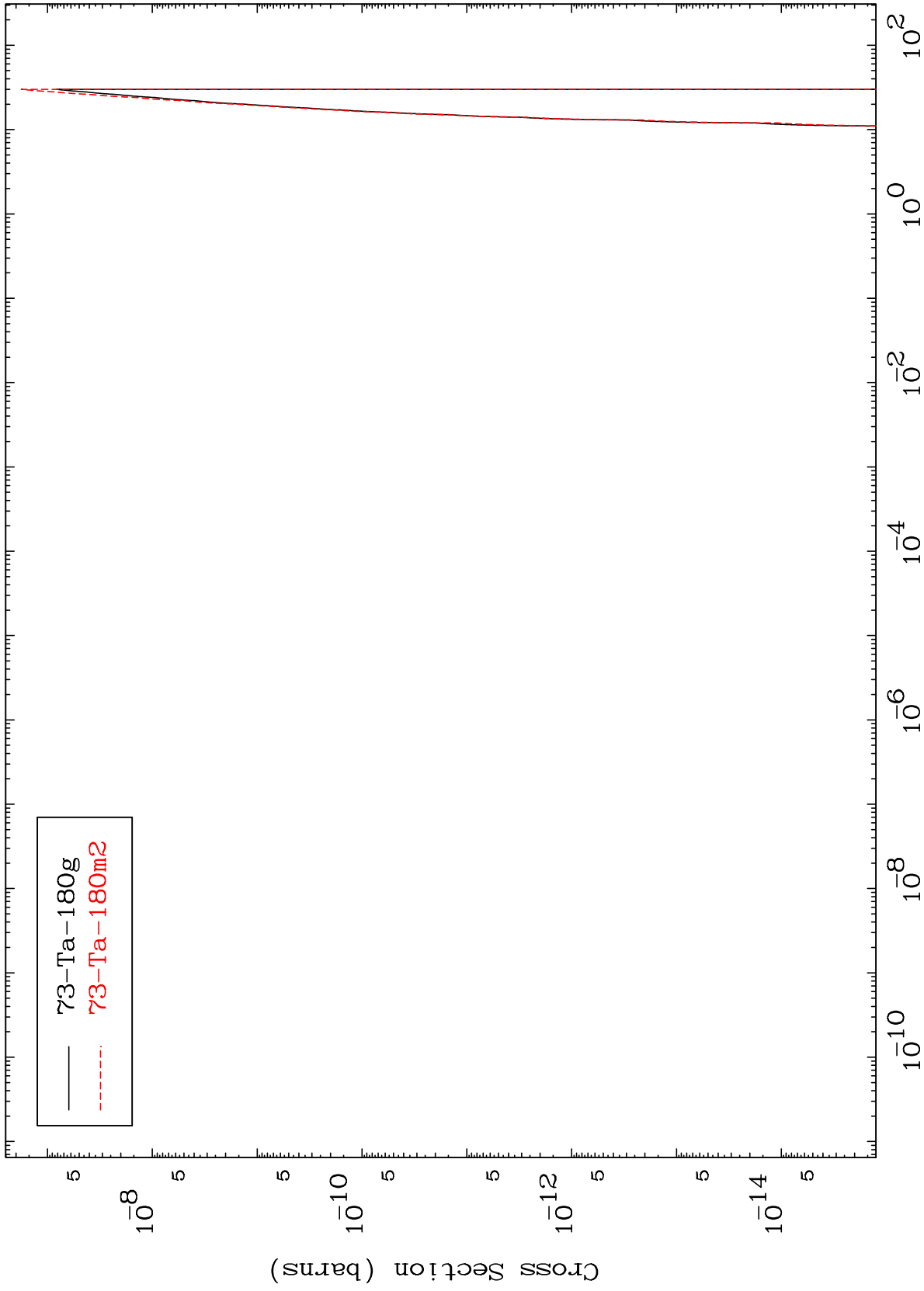
75-Re-184

MAT 7523

(d,d) α

75-Re-184

Radionuclide Production Cross Section



26

Incident Energy (MeV)

75-Re-184