

Program EVALPLOT
(Version 2018-1)

by

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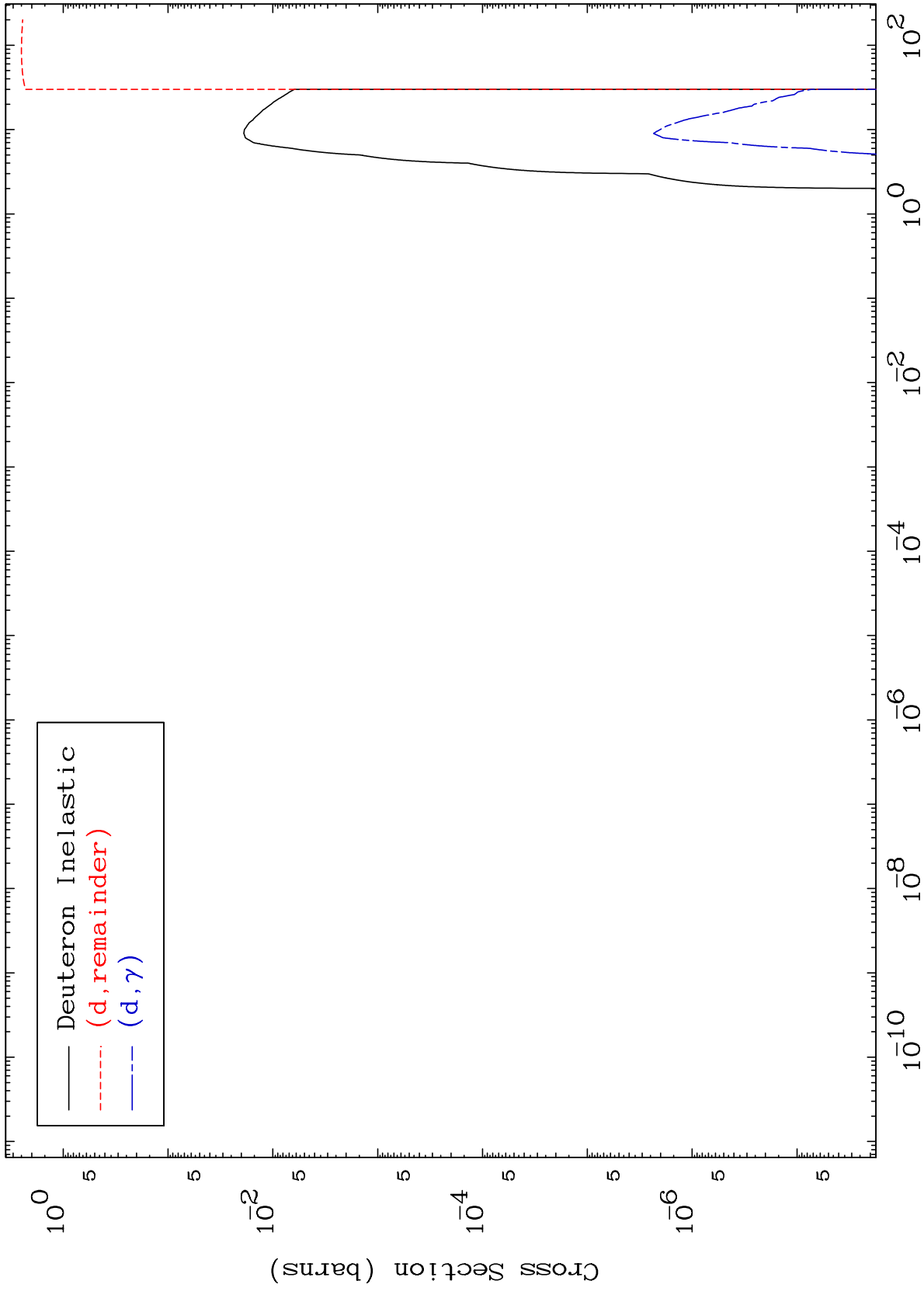
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5259

Deuteron Major
0 Kelvin Cross Sections

52-Te-131



1

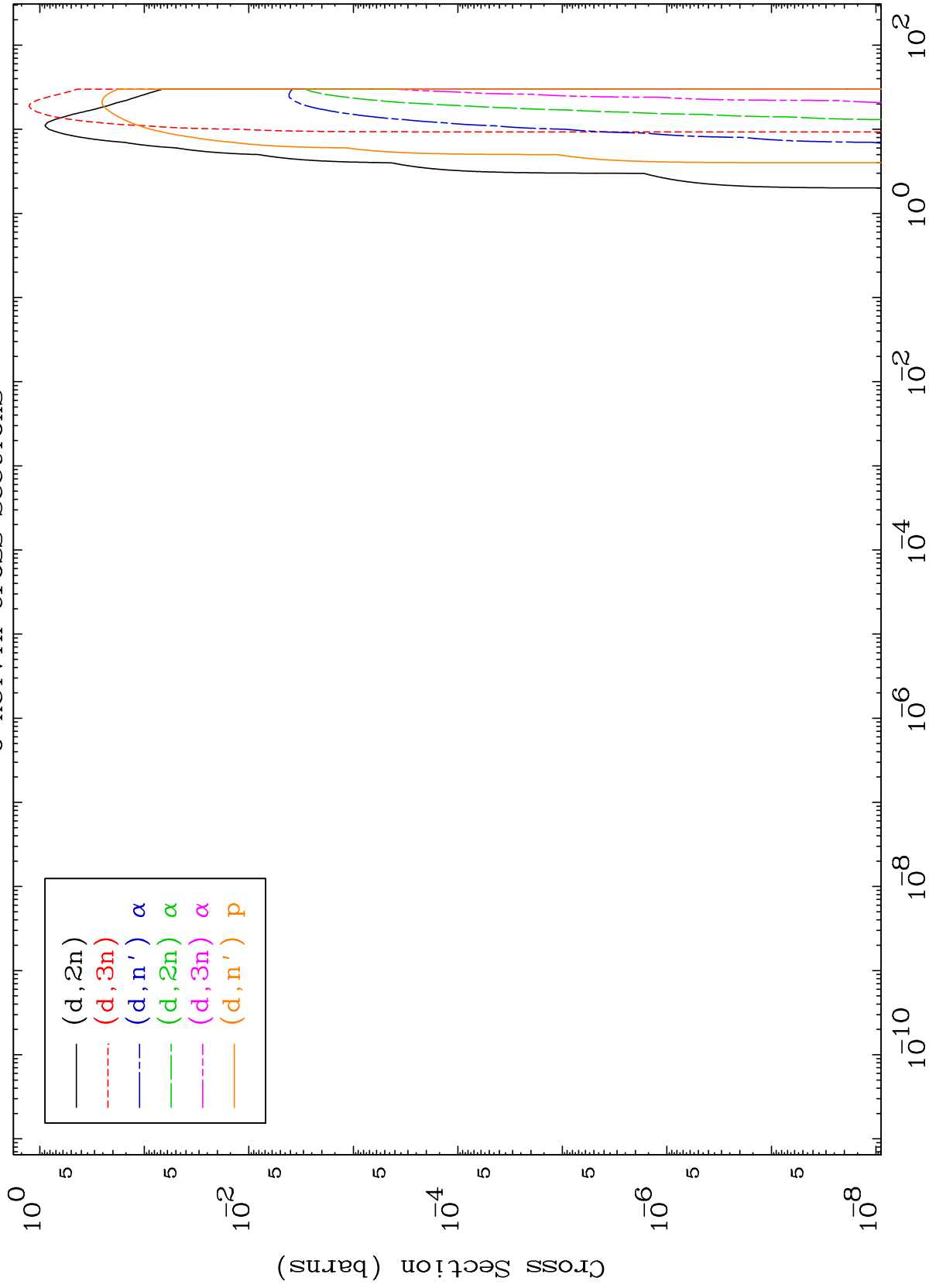
Incident Energy (MeV)

52-Te-131

MAT 5259

Deuteron Neutron Production
0 Kelvin Cross Sections

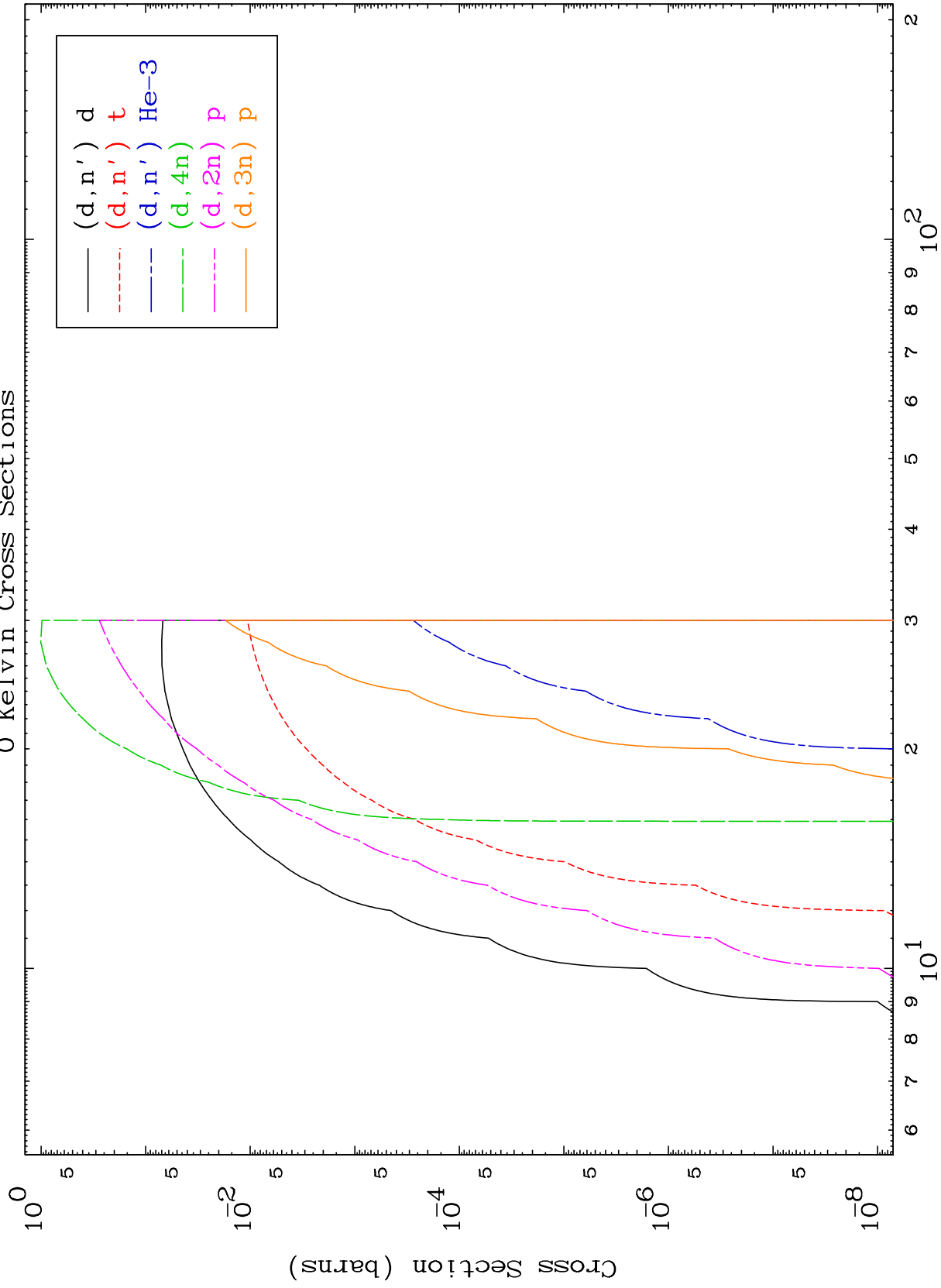
52-Te-131



2

Incident Energy (MeV)

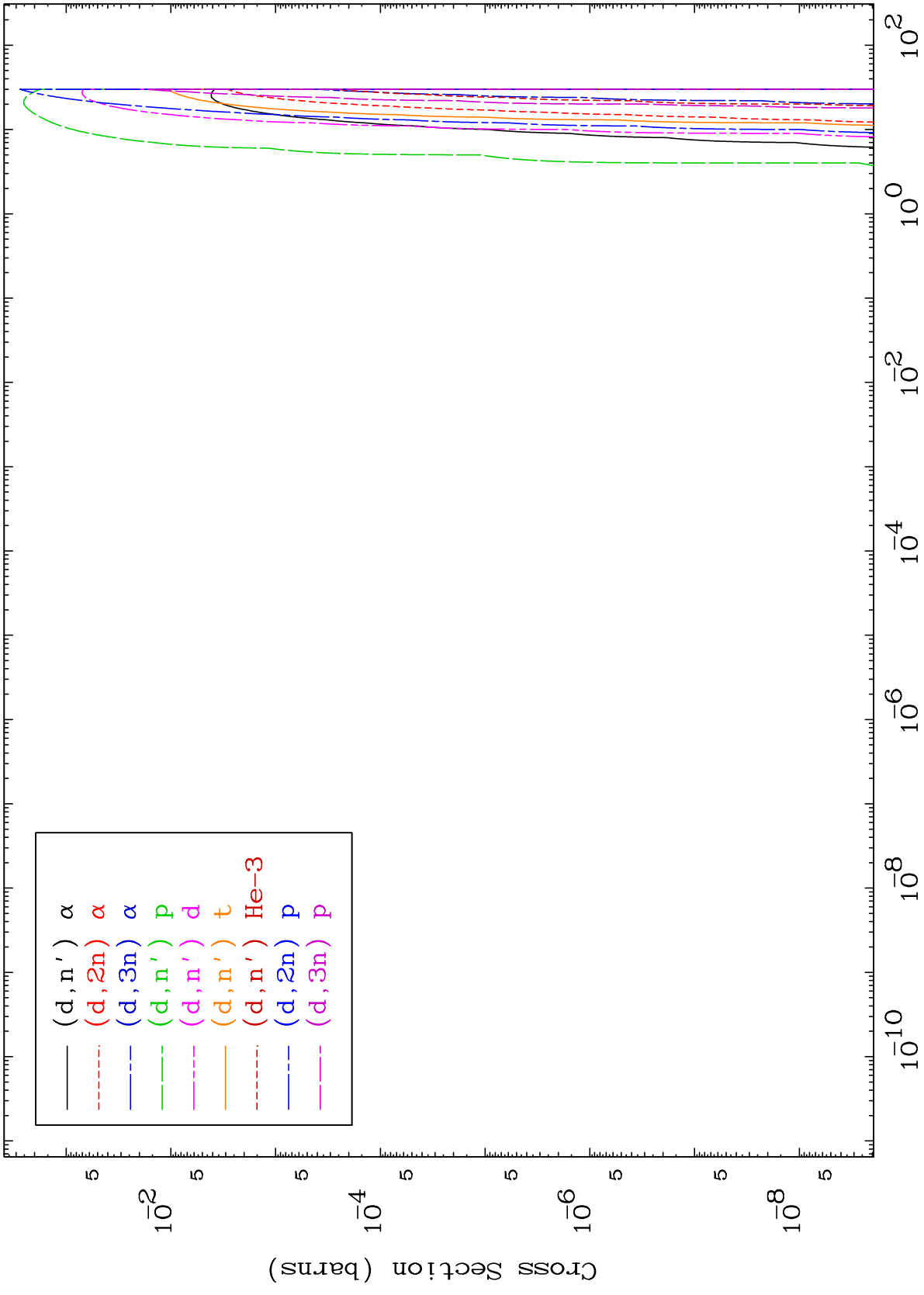
52-Te-131



MAT 5259

Deuteron Charged Particle
0 Kelvin Cross Sections

52-Te-131

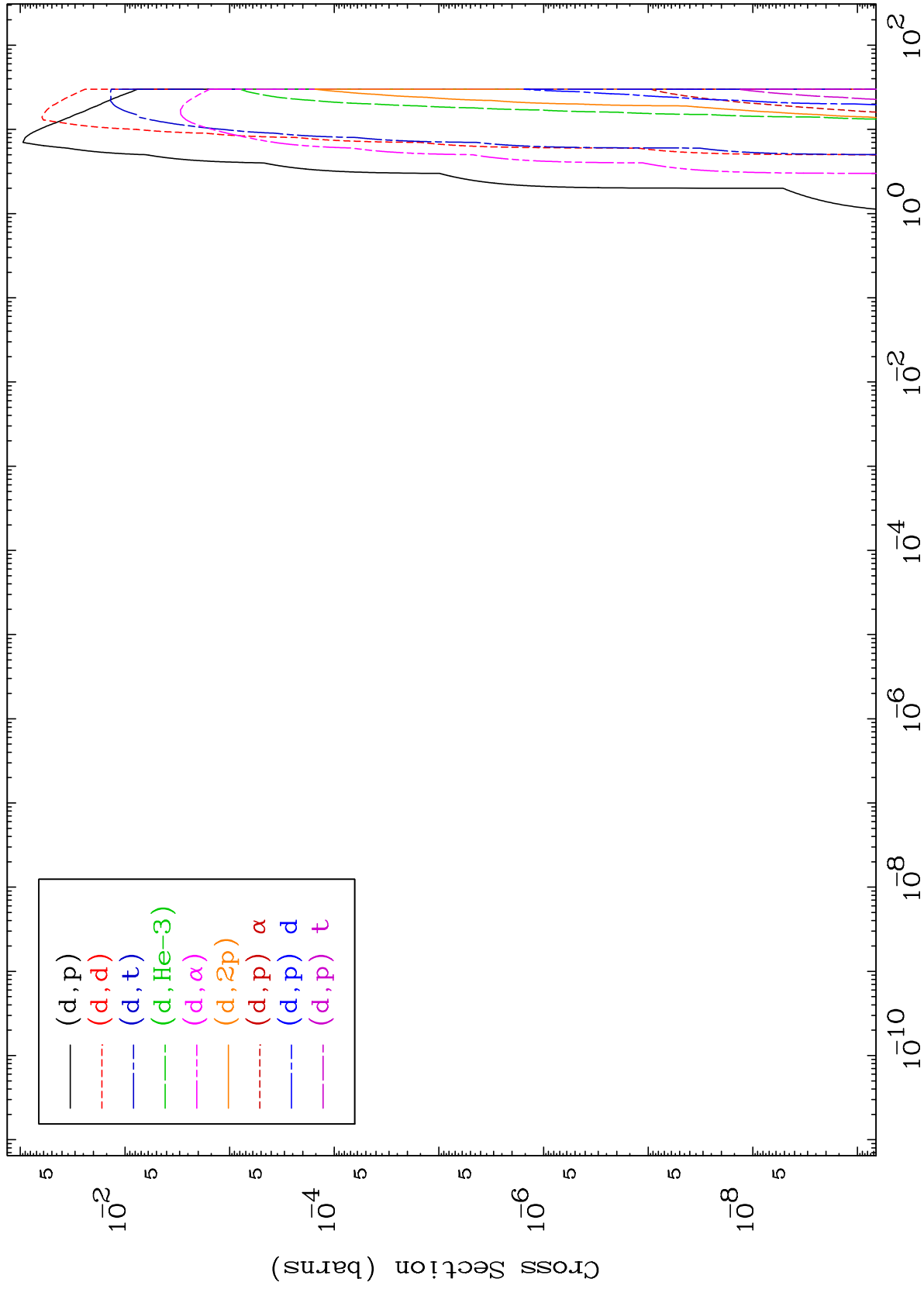


52-Te-131

MAT 5259

Deuteron Charged Particle
0 Kelvin Cross Sections

52-Te-131



5

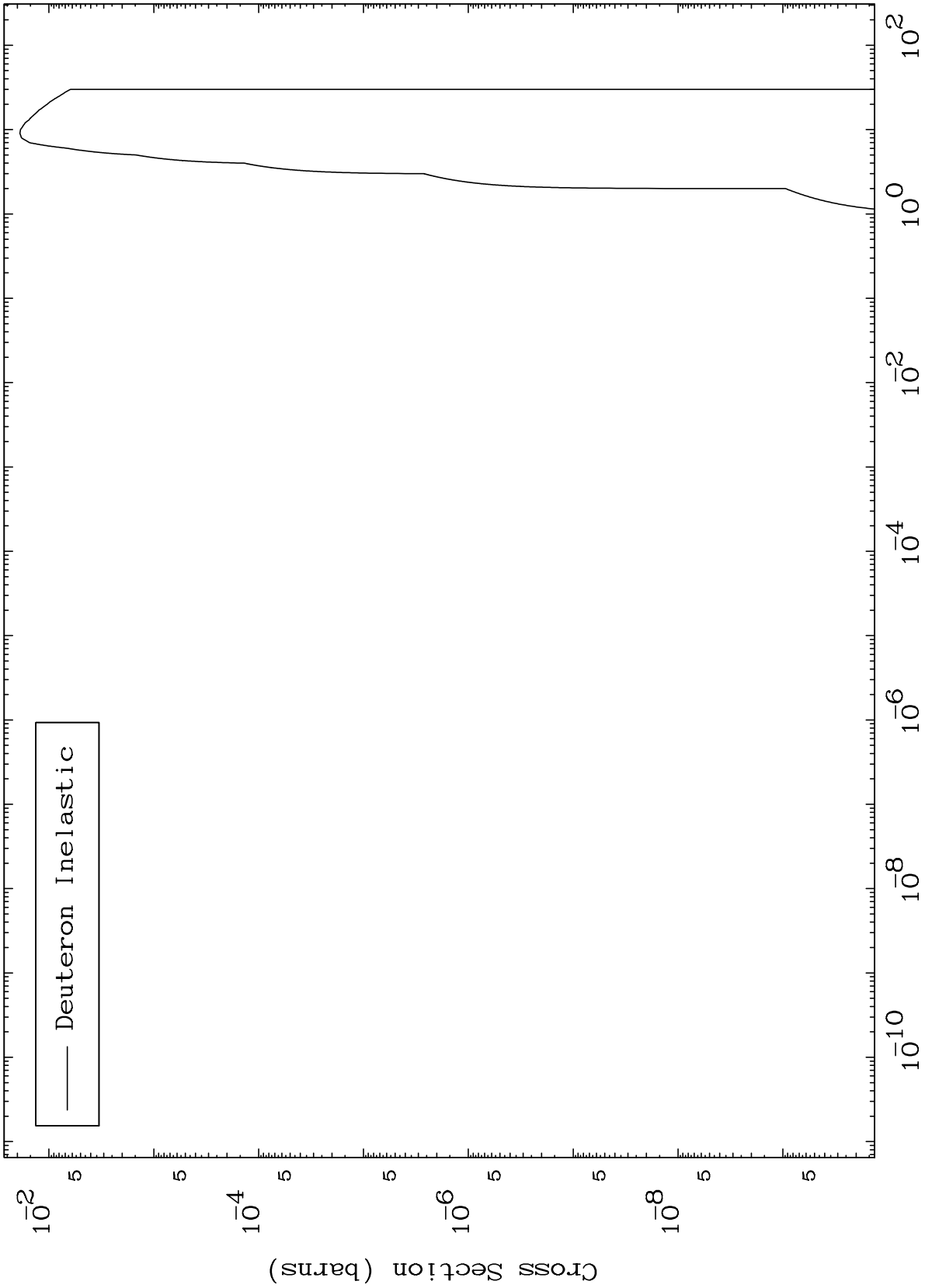
Incident Energy (MeV)

52-Te-131

MAT 5259

(d,n') Level
0 Kelvin Cross Sections

52-Te-131

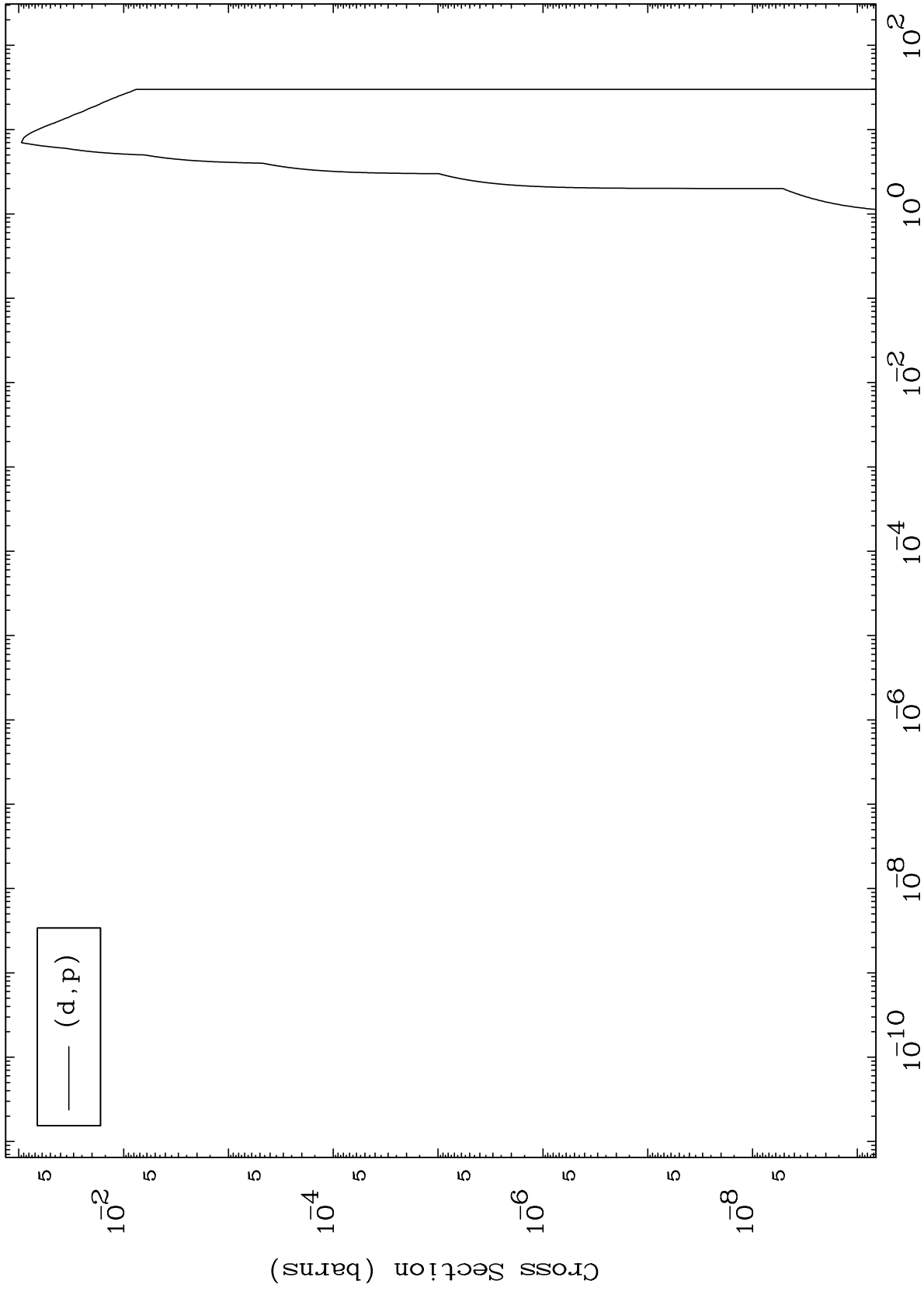


52-Te-131

MAT 5259

(d,p) Levels
0 Kelvin Cross Sections

52-Te-131



7

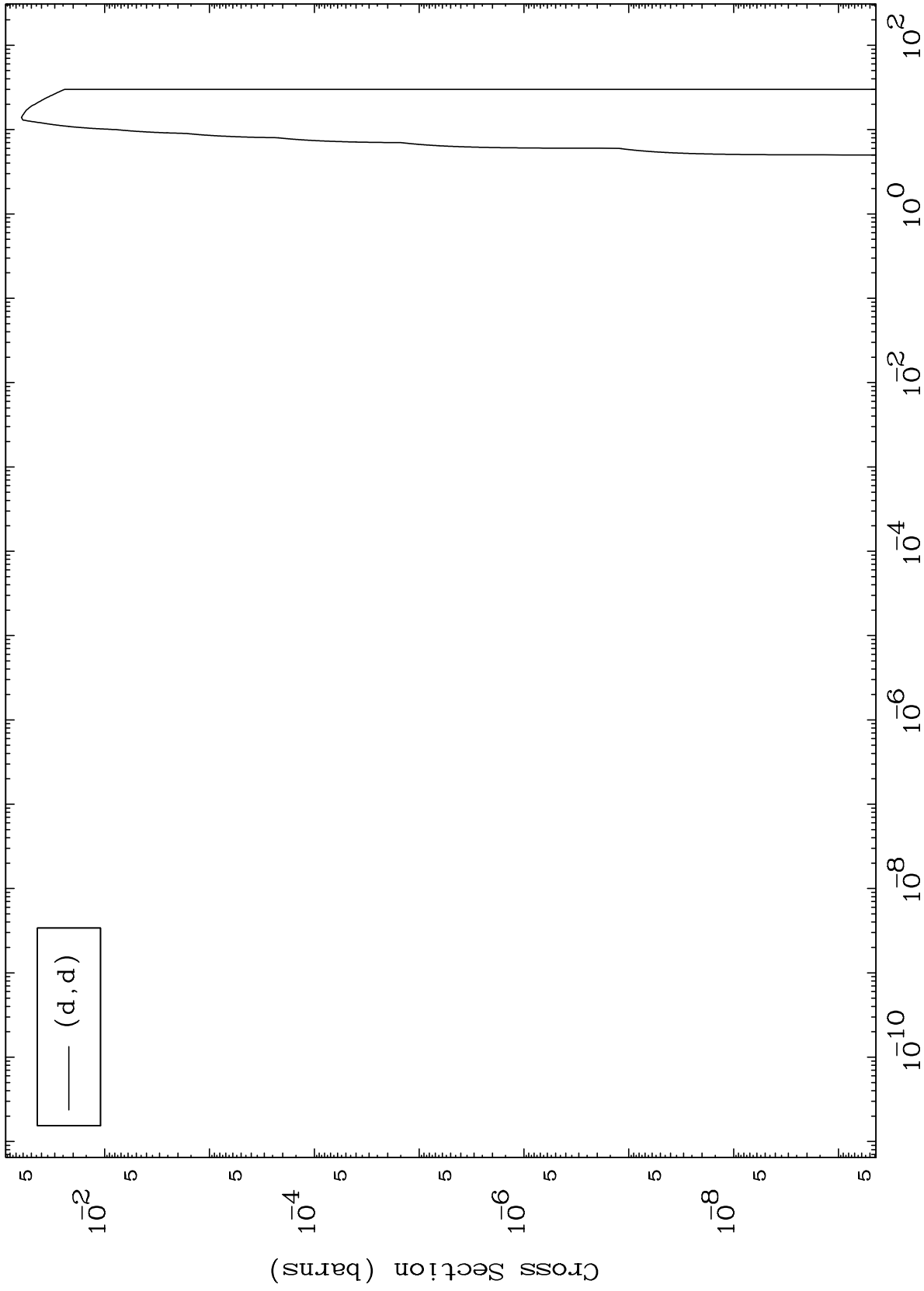
Incident Energy (MeV)

52-Te-131

MAT 5259

(d,d) Levels
0 Kelvin Cross Sections

52-Te-131



8

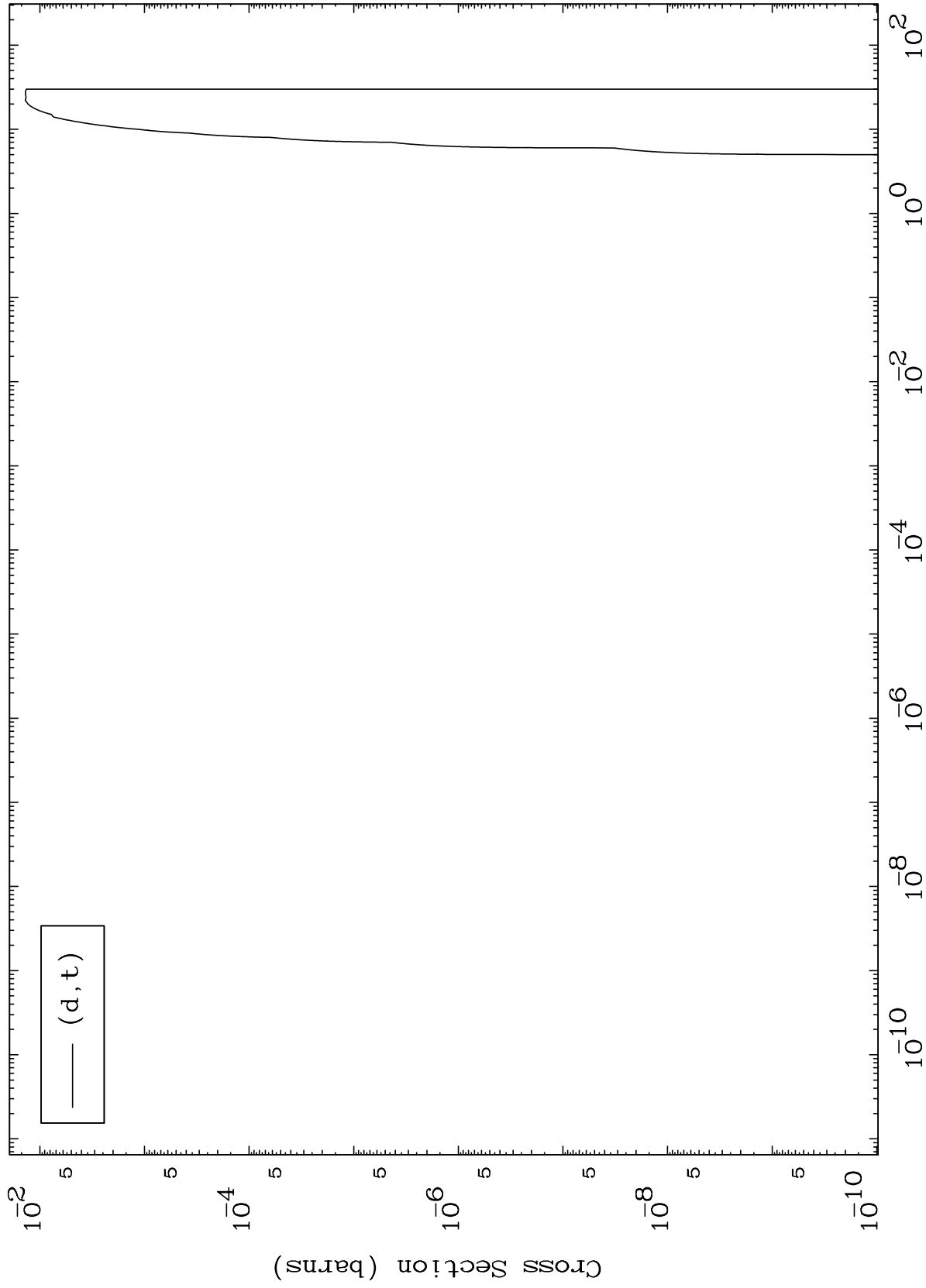
Incident Energy (MeV)

52-Te-131

MAT 5259

(d,t) Levels
0 Kelvin Cross Sections

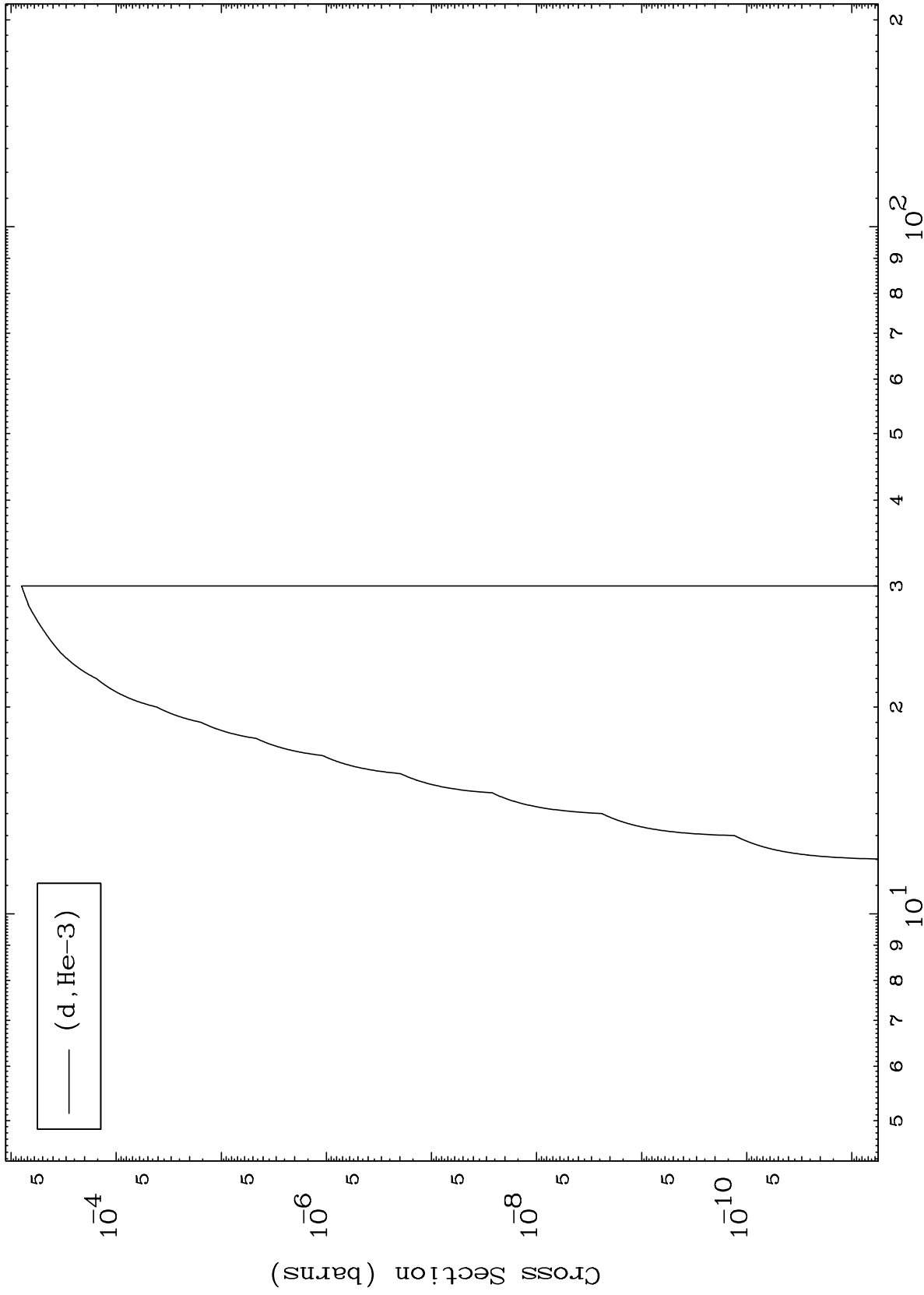
52-Te-131



MAT 5259

(d,He3) Levels
0 Kelvin Cross Sections

52-Te-131



10

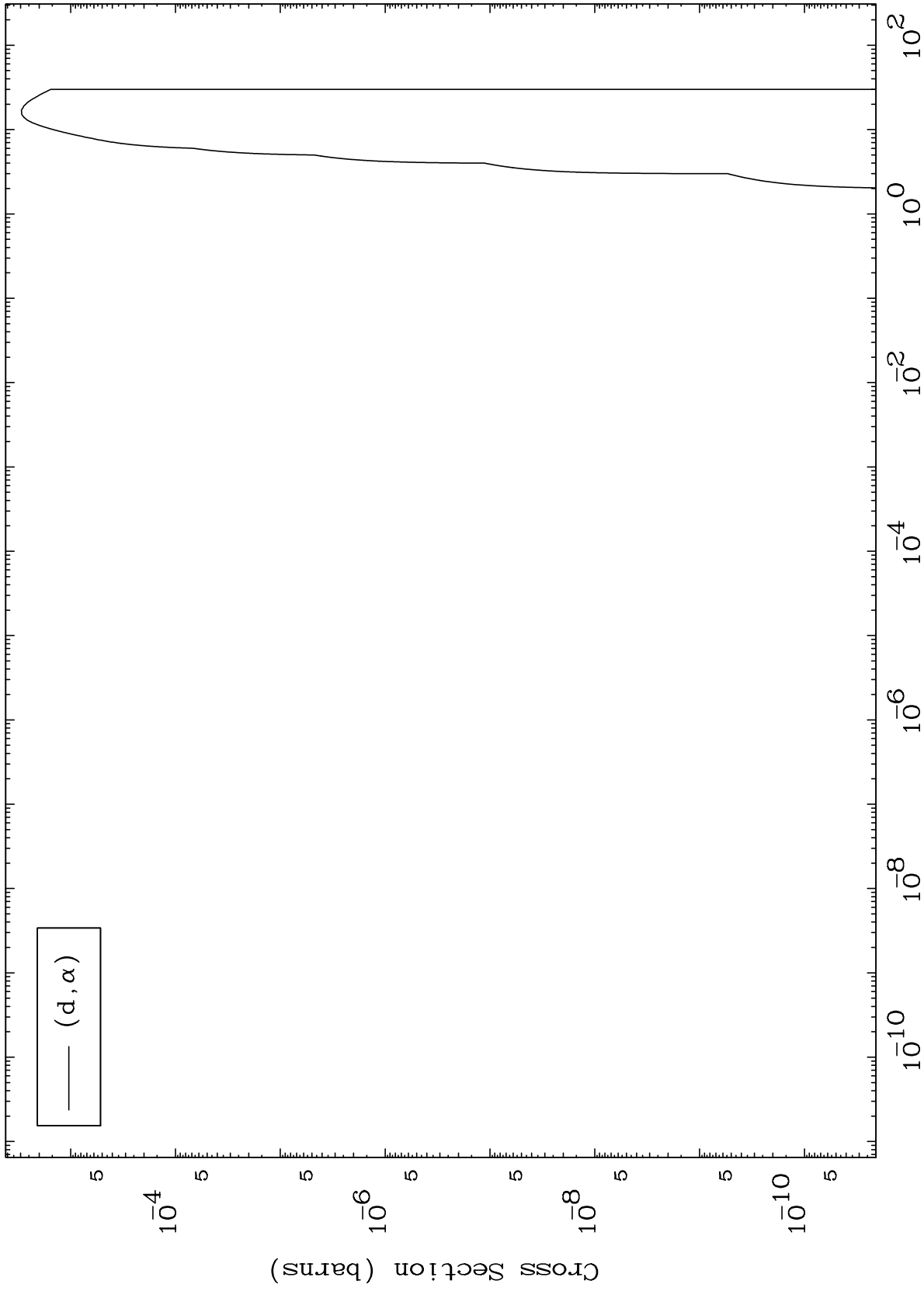
Incident Energy (MeV)

52-Te-131

MAT 5259

(d, α) Levels
0 Kelvin Cross Sections

52-Te-131



11

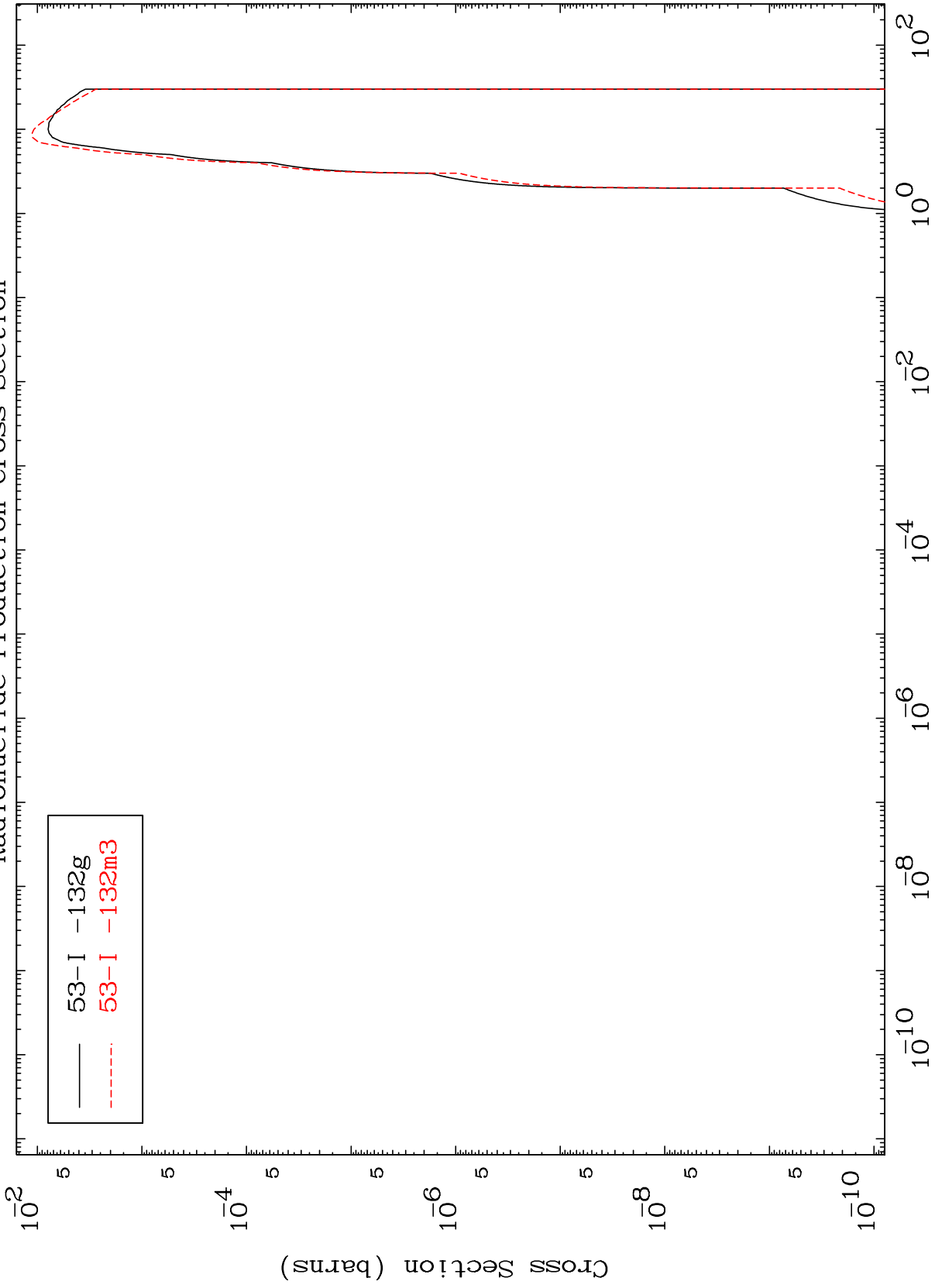
Incident Energy (MeV)

52-Te-131

MAT 5259

Deuteron Inelastic
Radionuclide Production Cross Section

52-Te-131



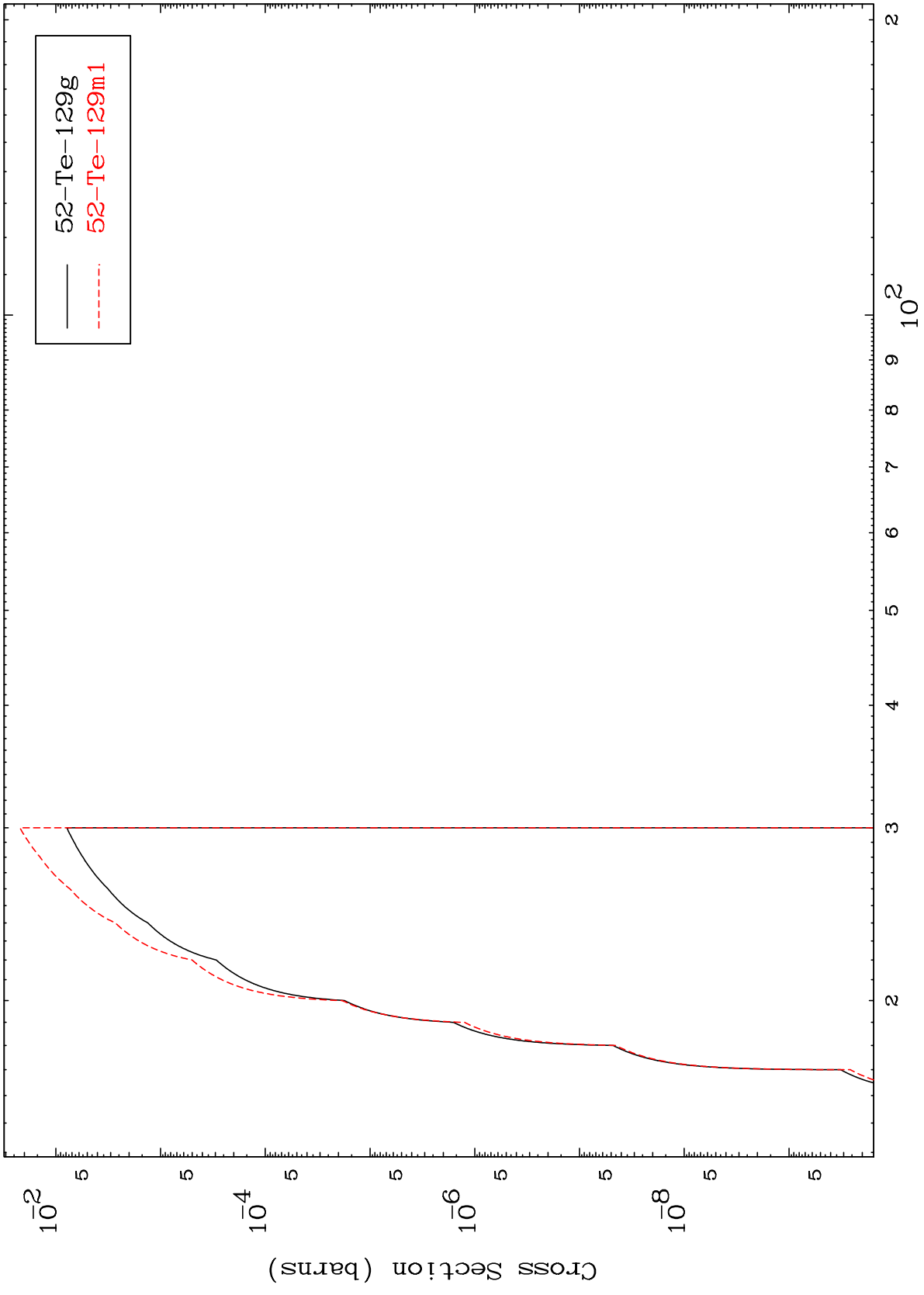
52-Te-131

MAT 5259

(d,2n) d

⁵²Te-¹³¹

Radionuclide Production Cross Section



13

Incident Energy (MeV)

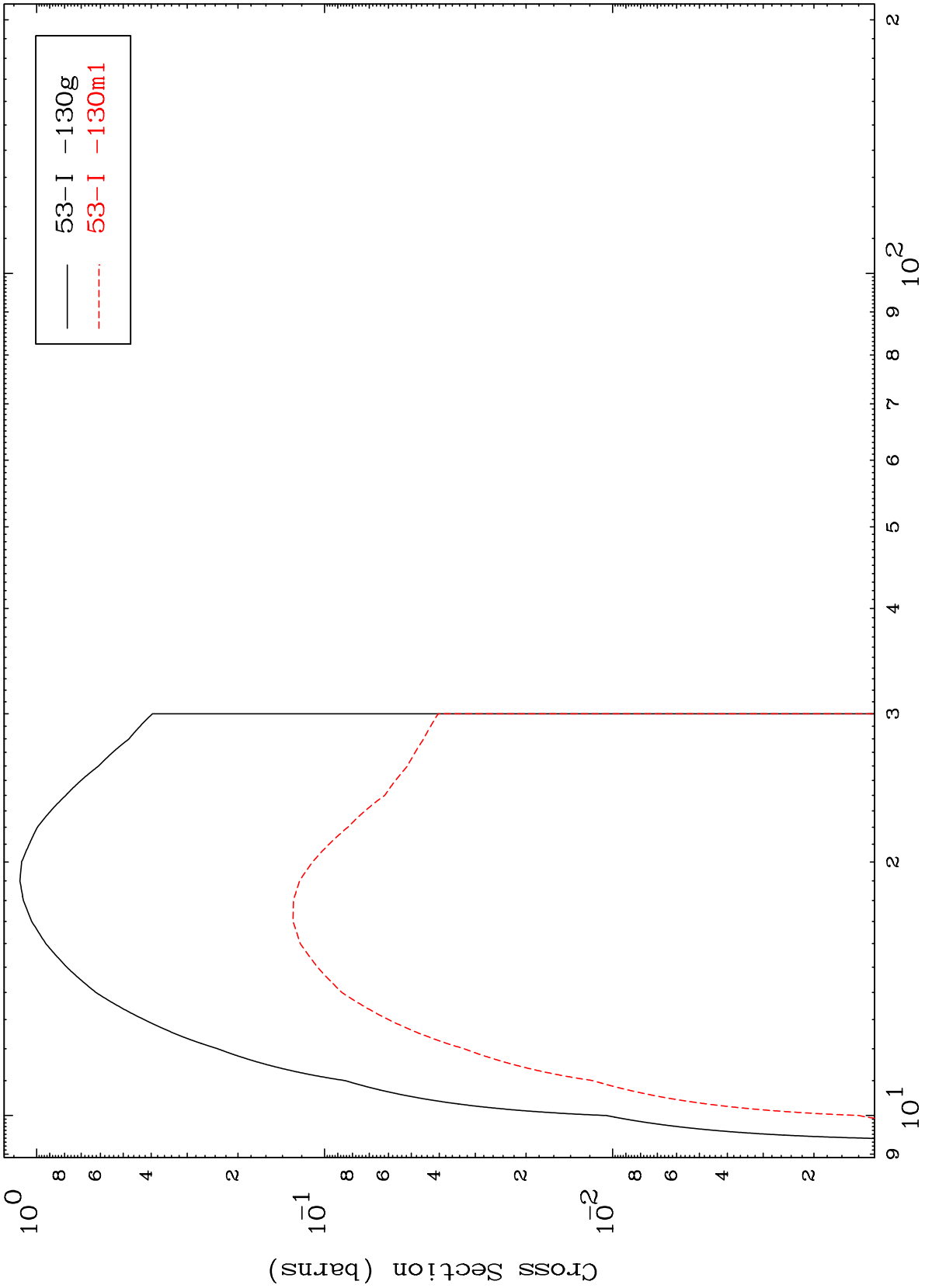
⁵²Te-¹³¹

MAT 5259

(d,3n)

⁵²Te-131

Radionuclide Production Cross Section



53-I -130g
53-I -130m1

14

Incident Energy (MeV)

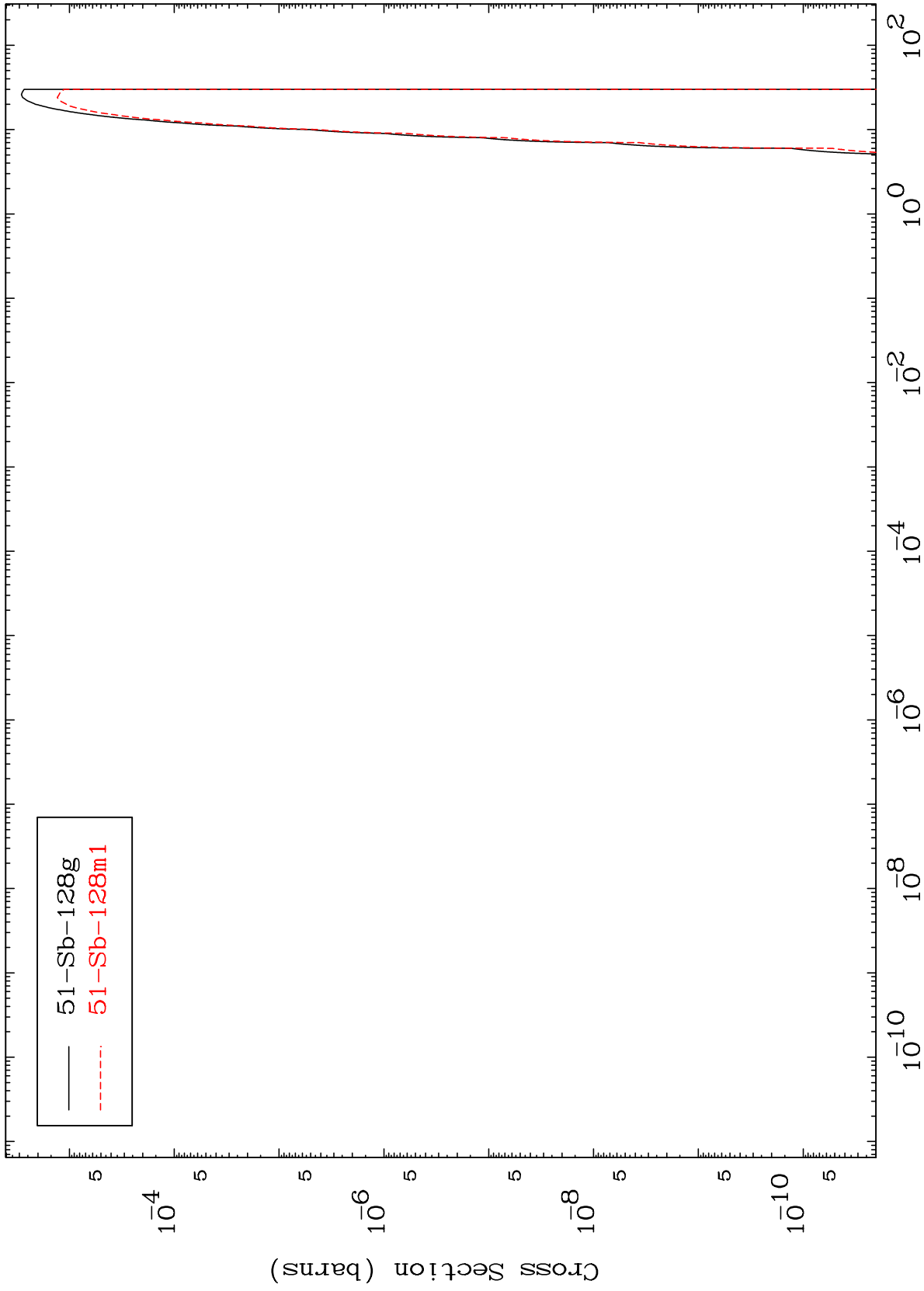
⁵²Te-131

MAT 5259

(d,n') α

52-Te-131

Radionuclide Production Cross Section



15

Incident Energy (MeV)

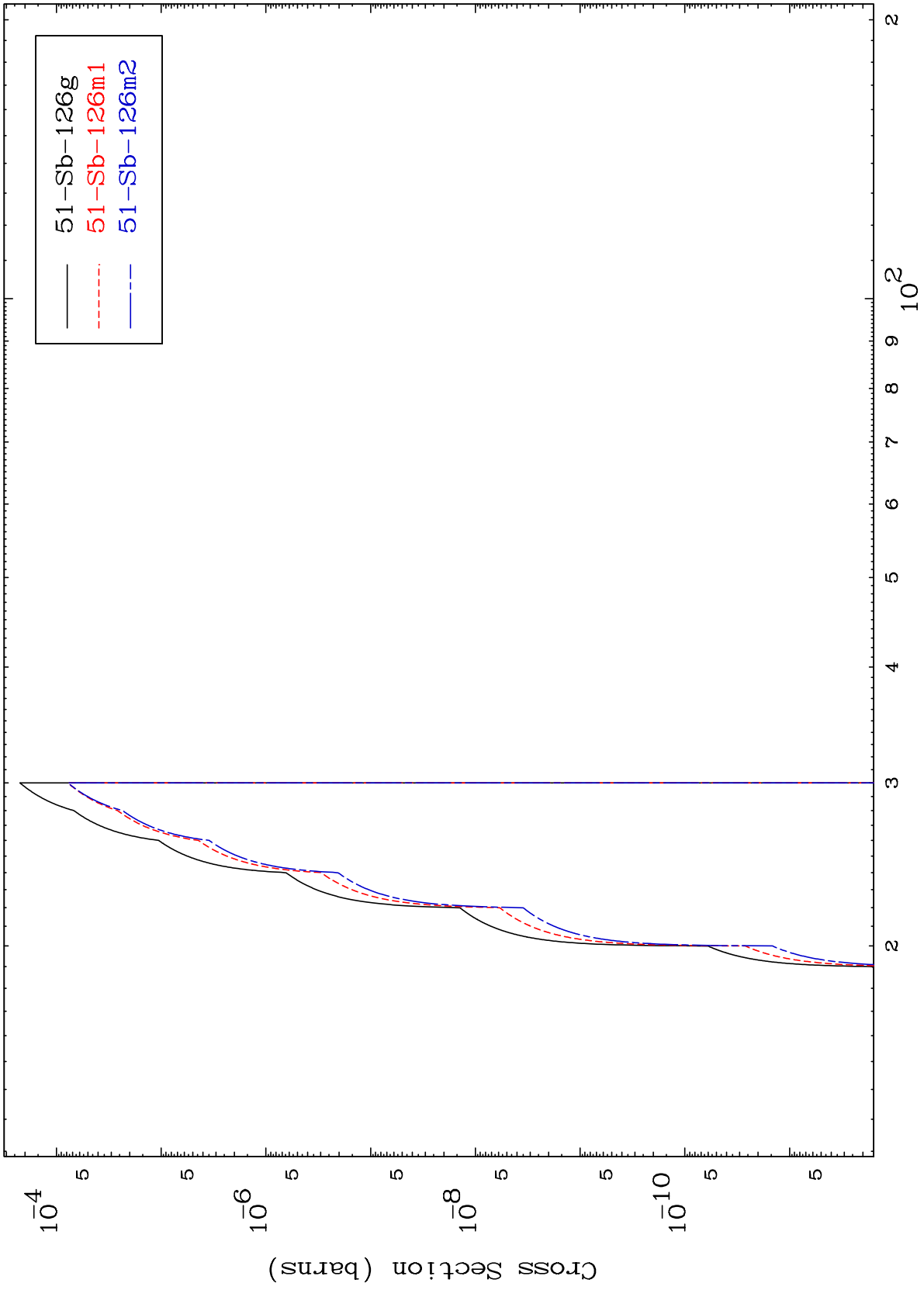
52-Te-131

MAT 5259

(d,3n) α

⁵²Te-131

Radionuclide Production Cross Section



16

Incident Energy (MeV)

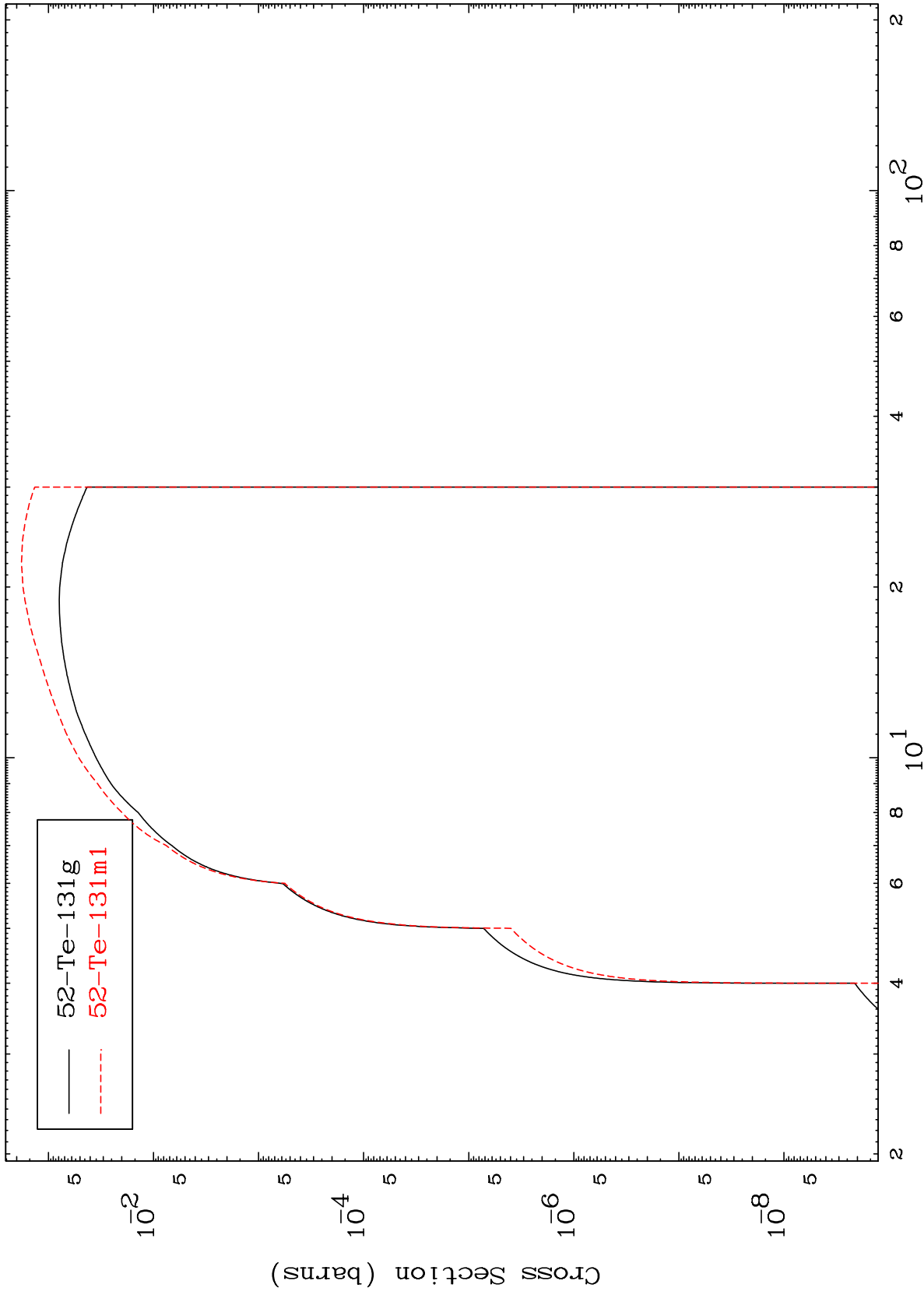
⁵²Te-131

MAT 5259

⁵²Te-131

Radionuclide Production Cross Section

(d,n') p



17

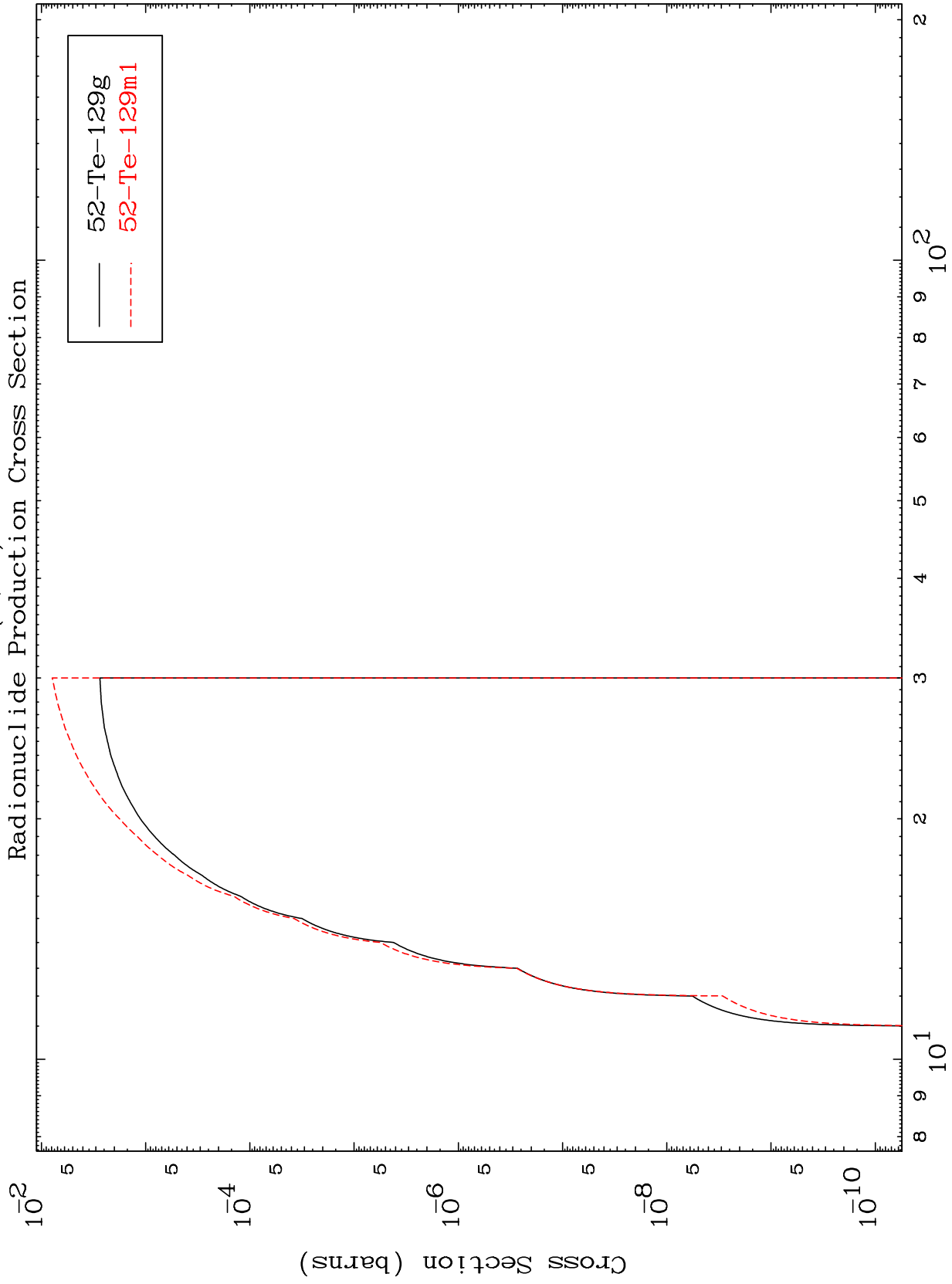
Incident Energy (MeV)

⁵²Te-131

MAT 5259

(d,n') t

⁵²Te-¹³¹



18

Incident Energy (MeV)

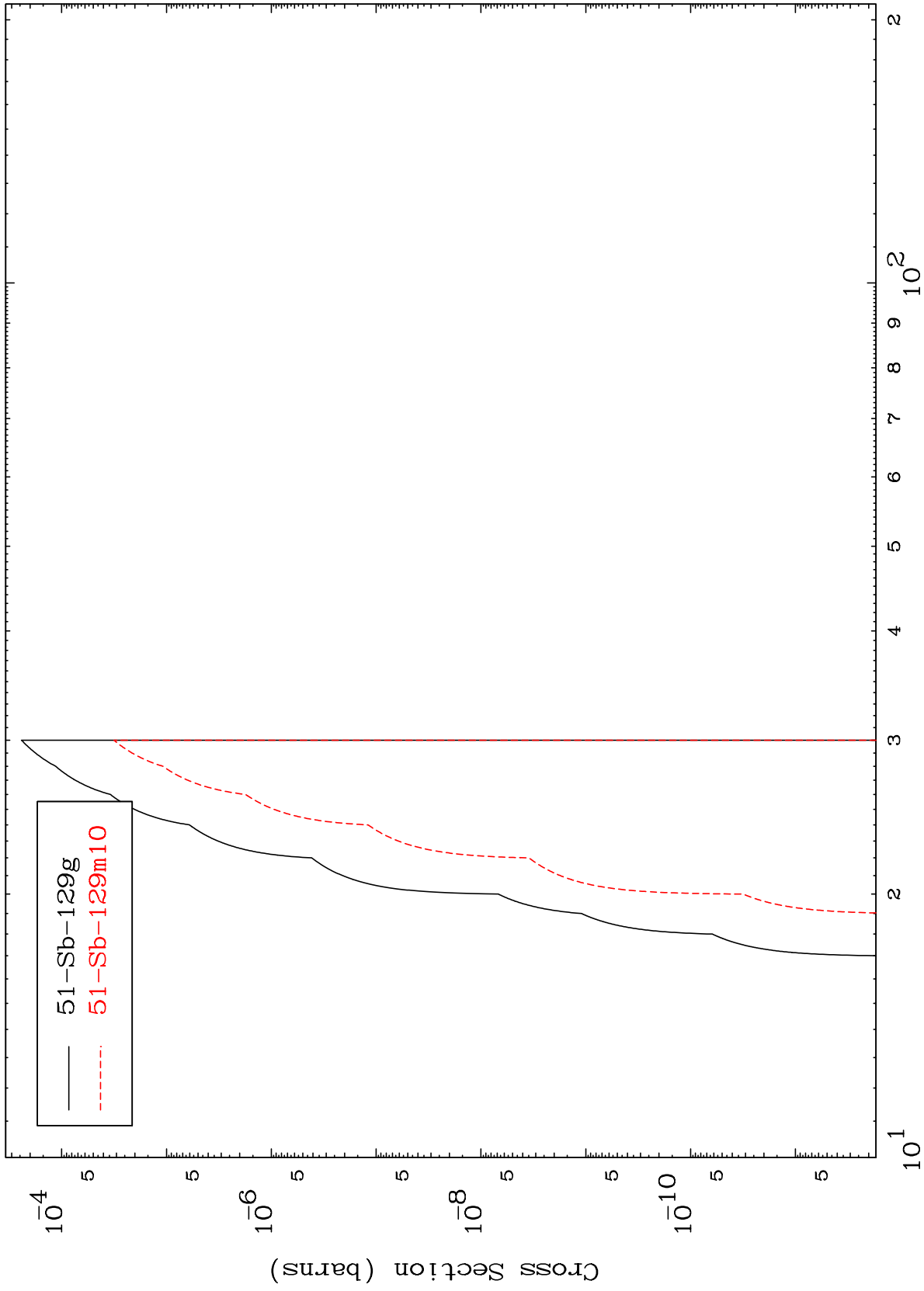
⁵²Te-¹³¹

MAT 5259

(d,n') He-3

52-Te-131

Radionuclide Production Cross Section



19

Incident Energy (MeV)

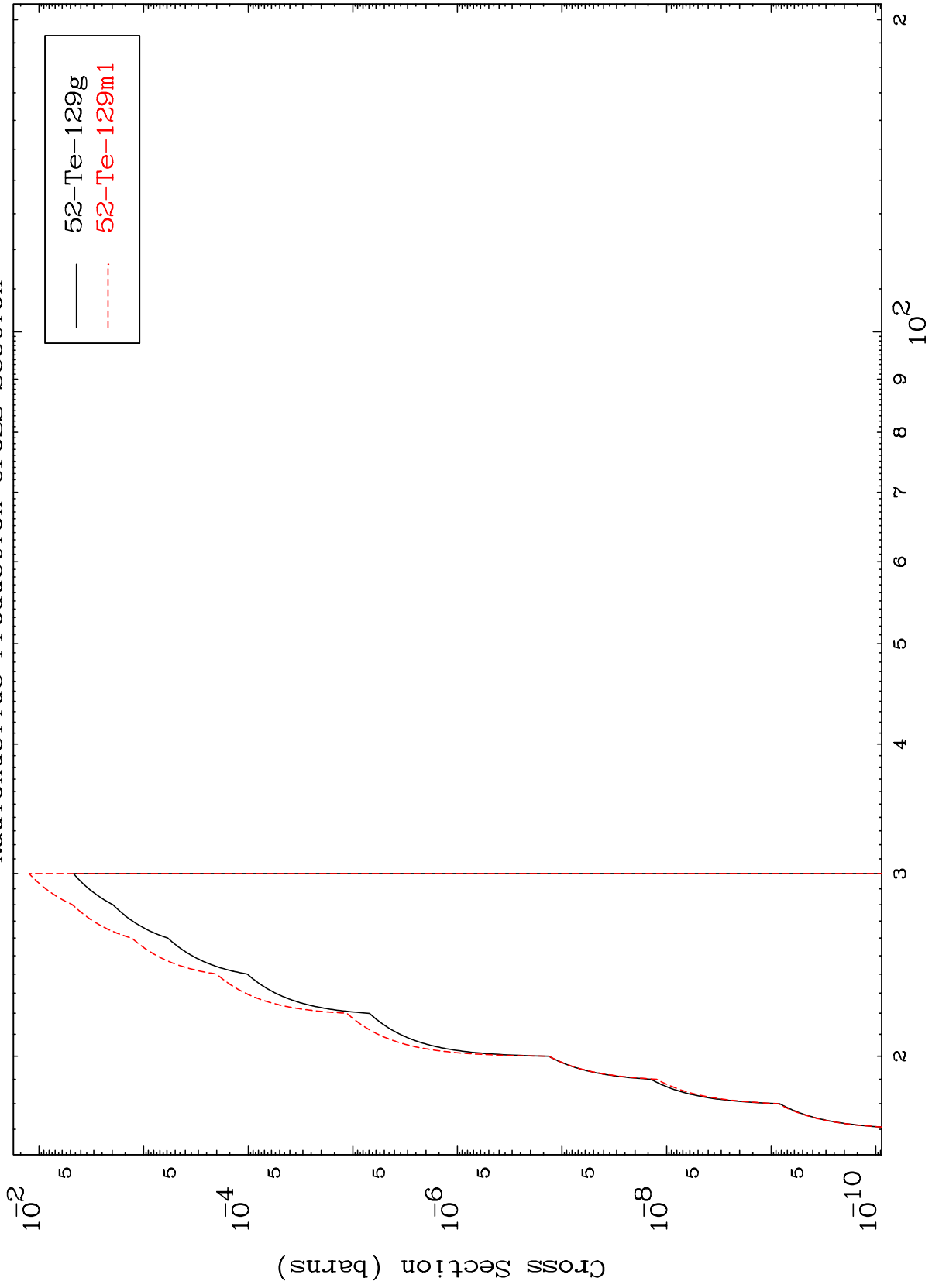
52-Te-131

MAT 5259

(d,3n) p

52-Te-131

Radionuclide Production Cross Section



20

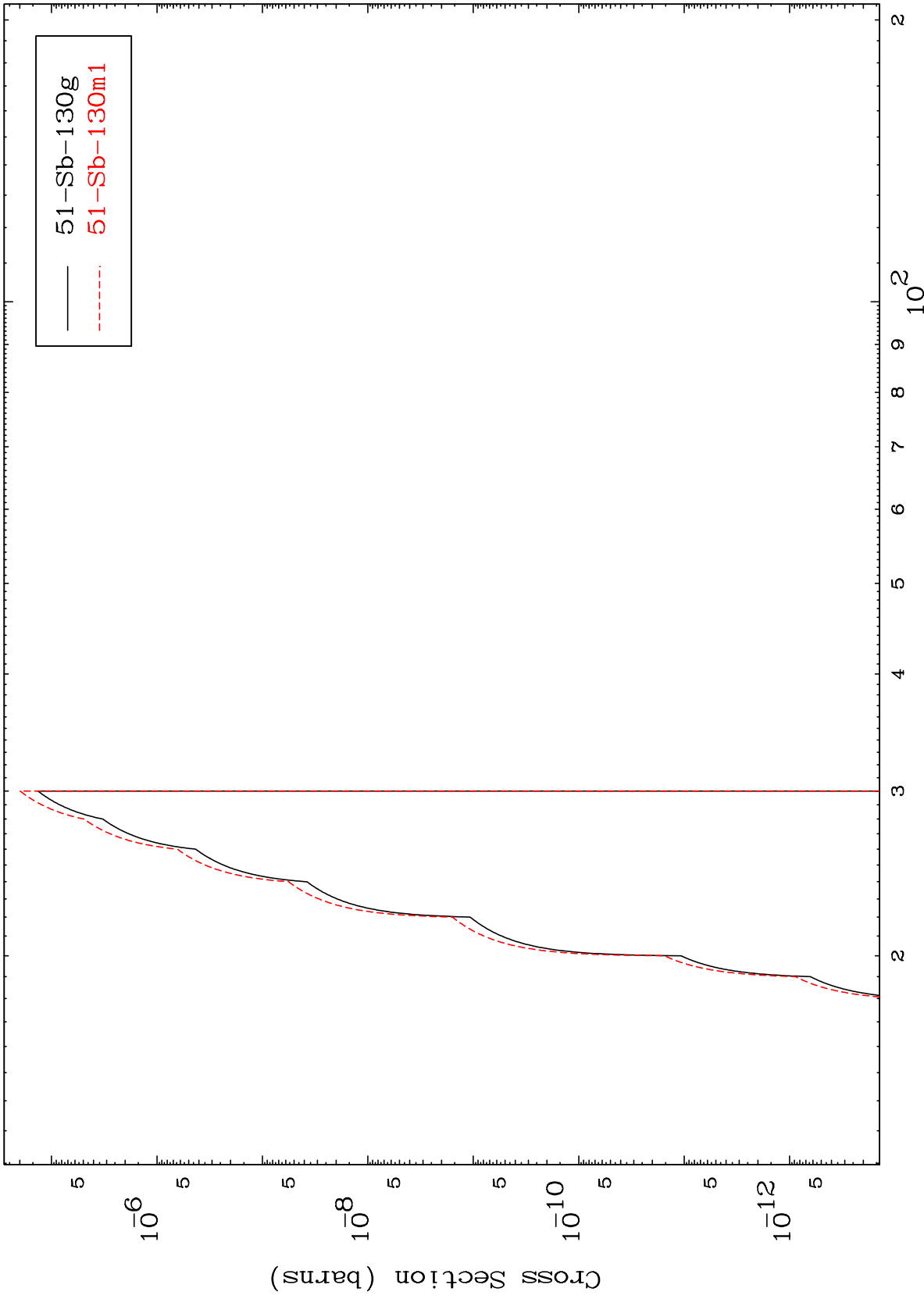
Incident Energy (MeV)

52-Te-131

MAT 5259

52-Te-131

(d,2n) p
Radionuclide Production Cross Section



21

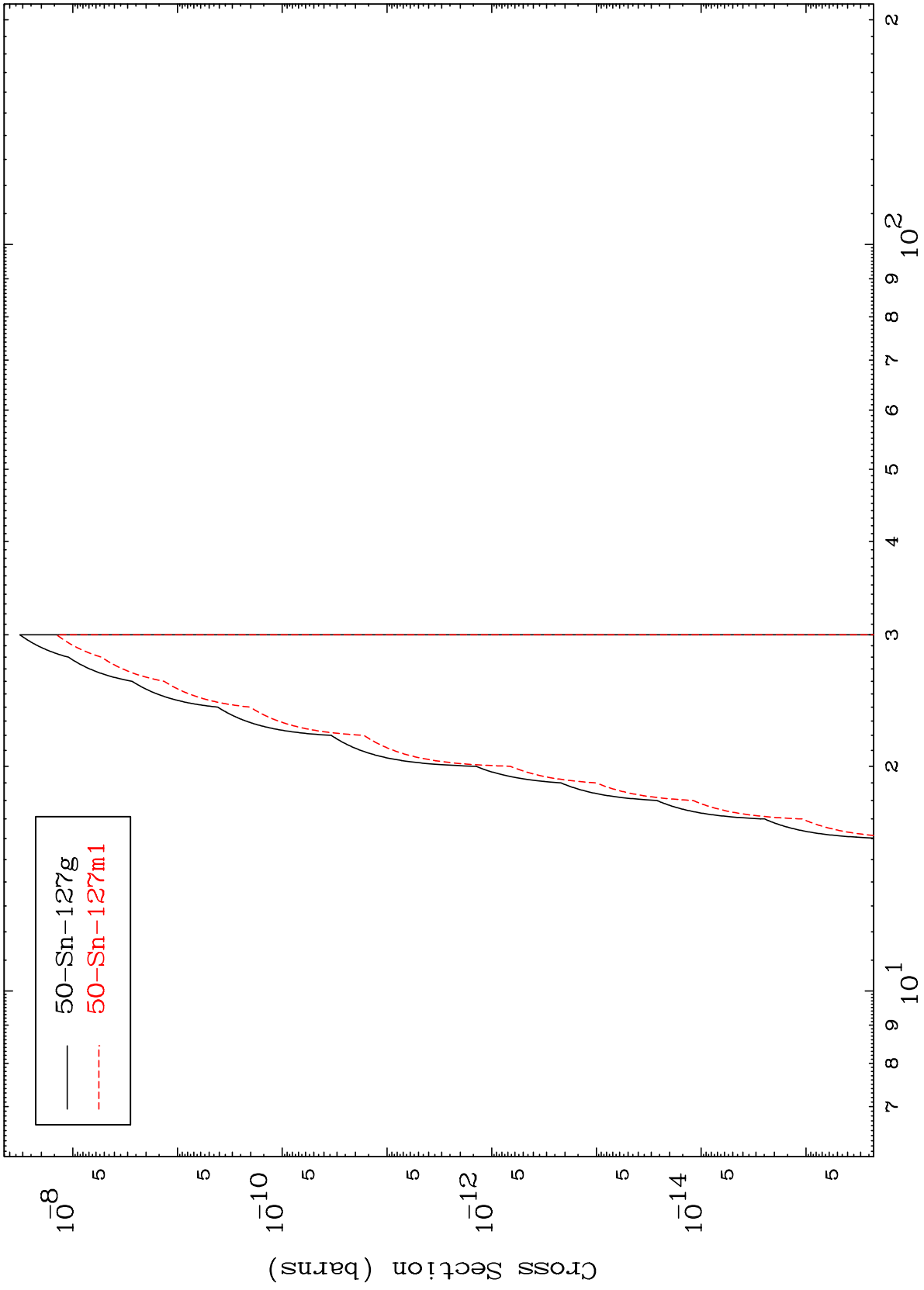
52-Te-131

Incident Energy (MeV)

MAT 5259

52-Te-131

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



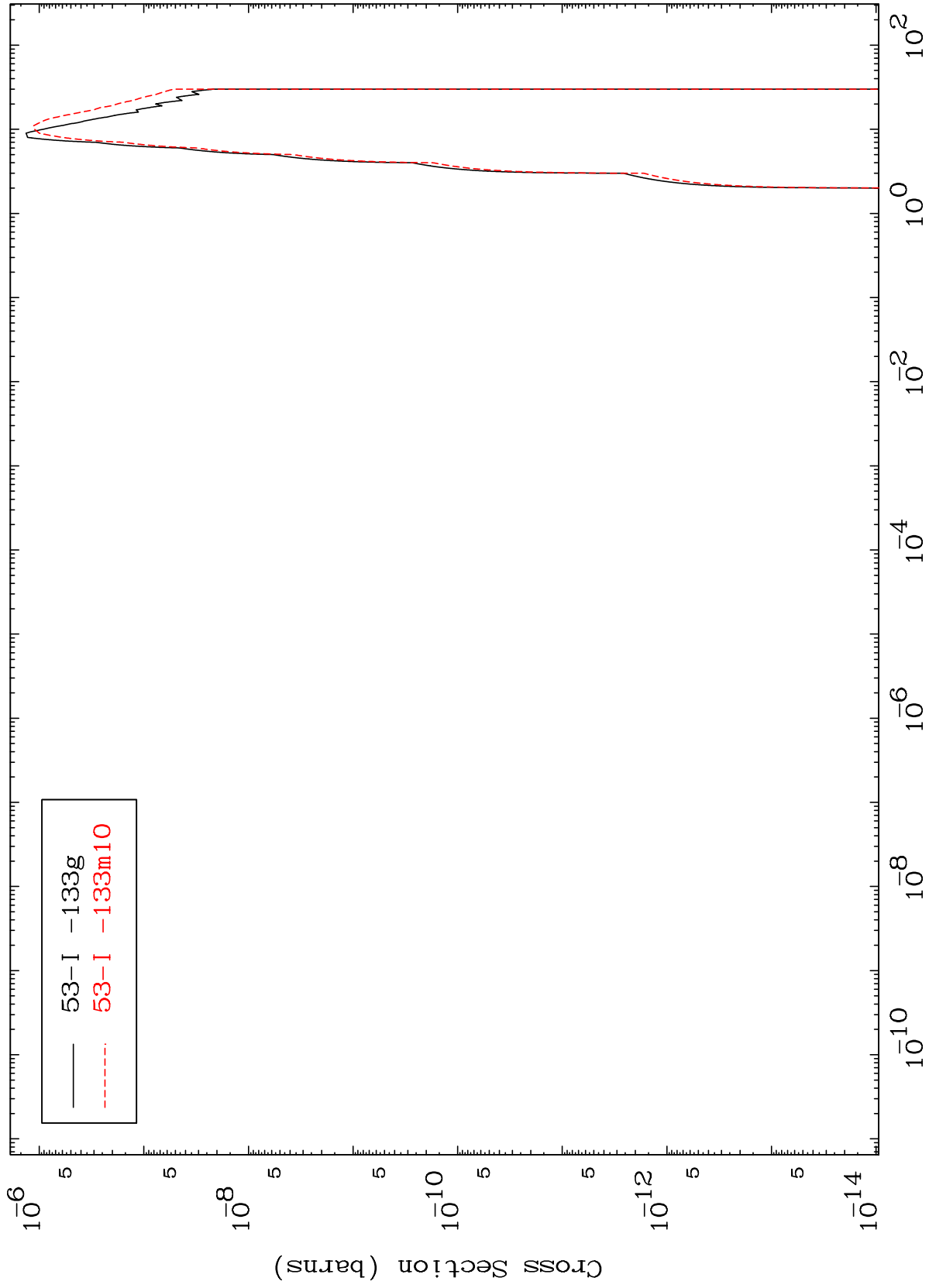
22

52-Te-131

MAT 5259

(d, γ)
Radionuclide Production Cross Section

⁵²Te-131



23

Incident Energy (MeV)

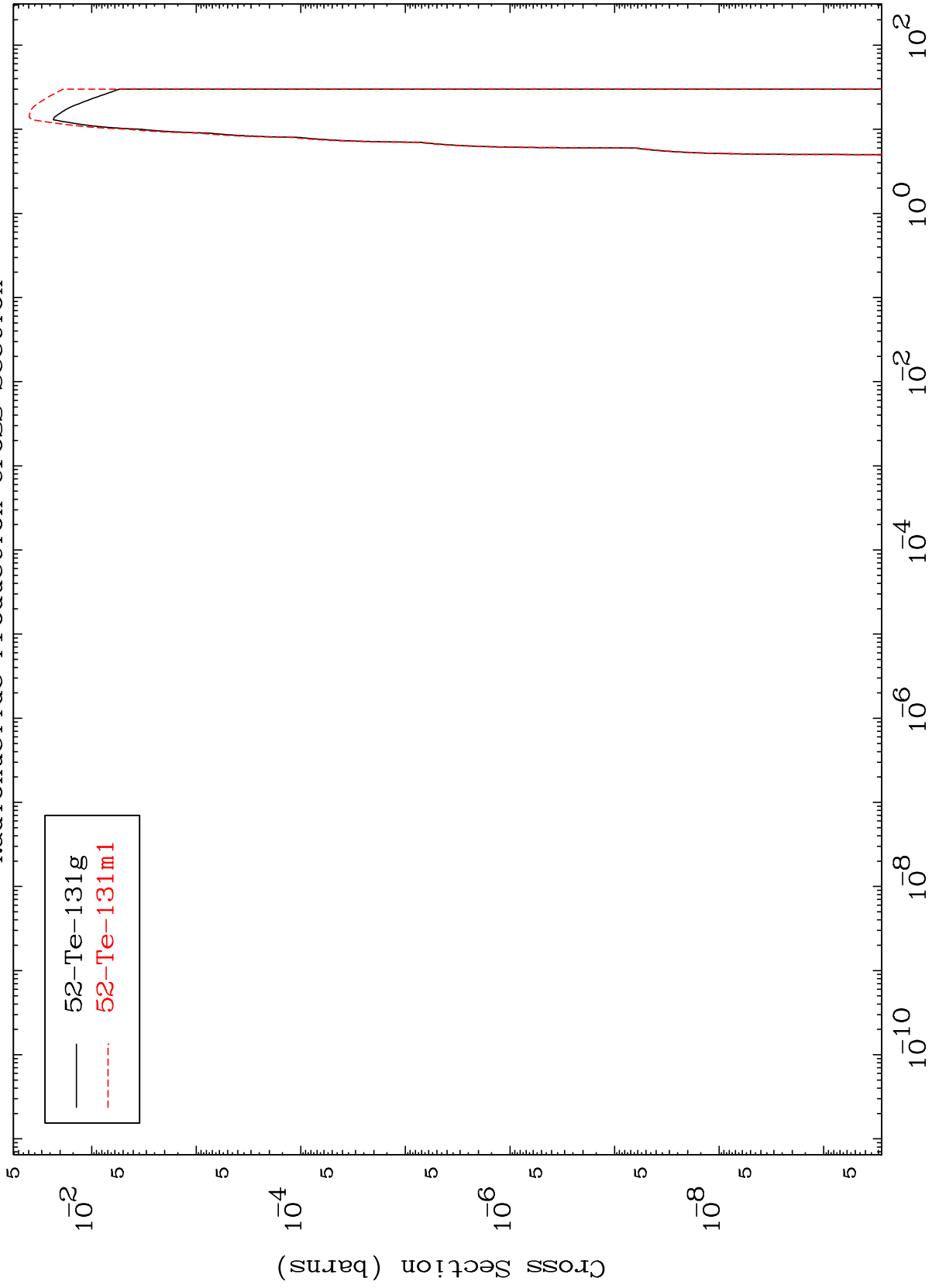
⁵²Te-131

MAT 5259

(d,d)

⁵²Te-131

Radionuclide Production Cross Section



24

Incident Energy (MeV)

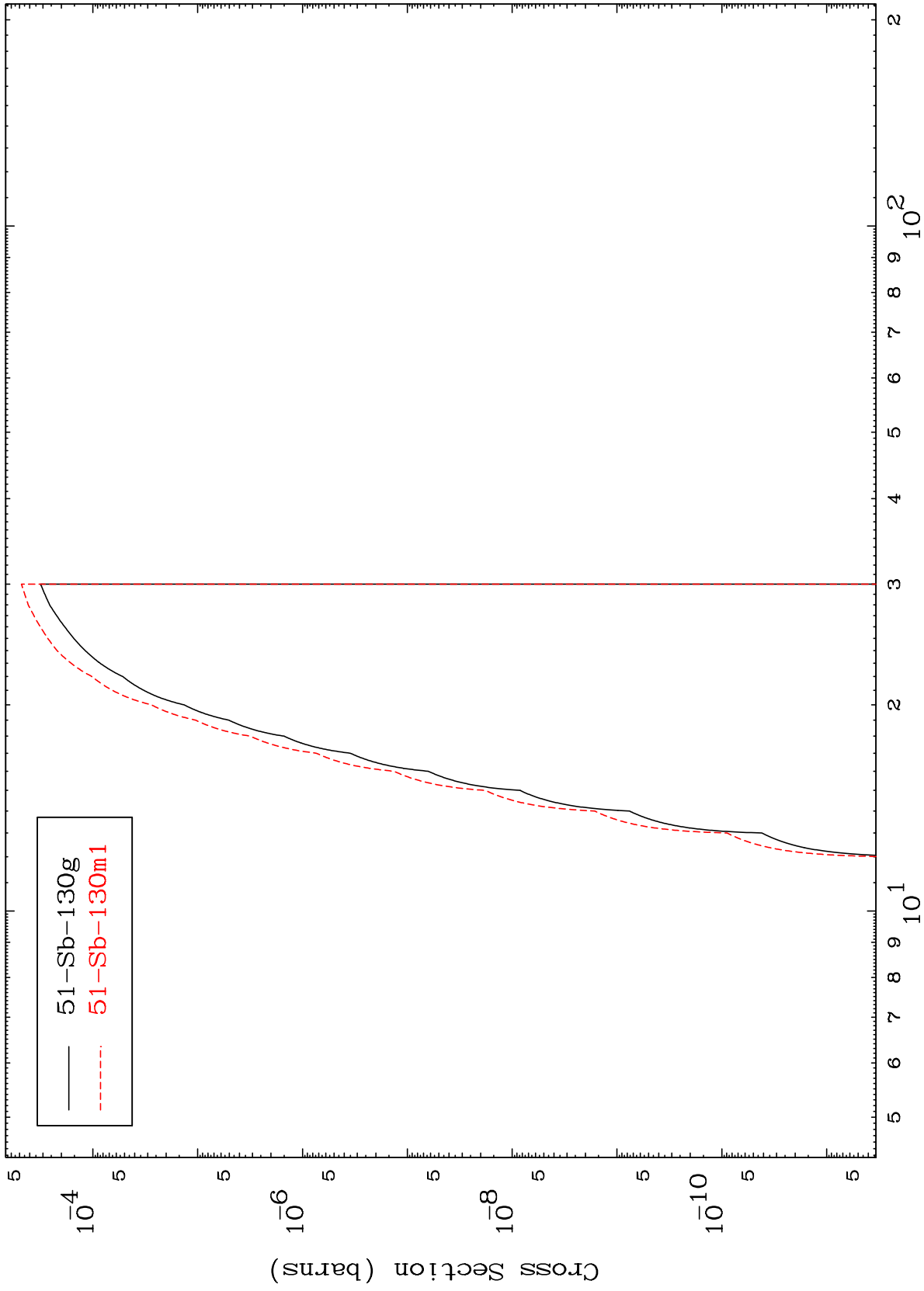
⁵²Te-131

MAT 5259

(d, He-3)

52-Te-131

Radionuclide Production Cross Section



51-Sb-130g
51-Sb-130m1

25

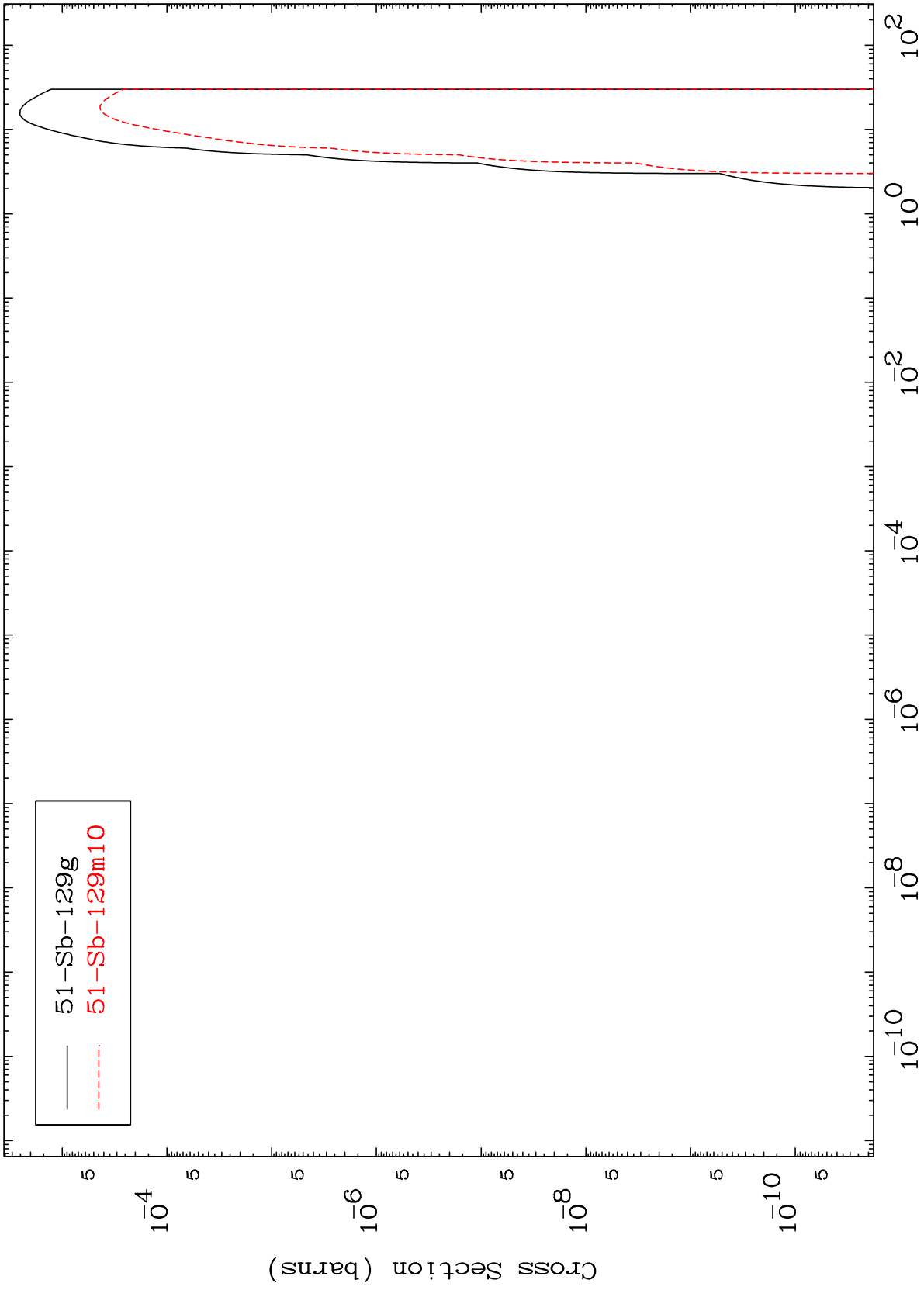
Incident Energy (MeV)

52-Te-131

MAT 5259

(d, α)
Radionuclide Production Cross Section

⁵²Te-131



26

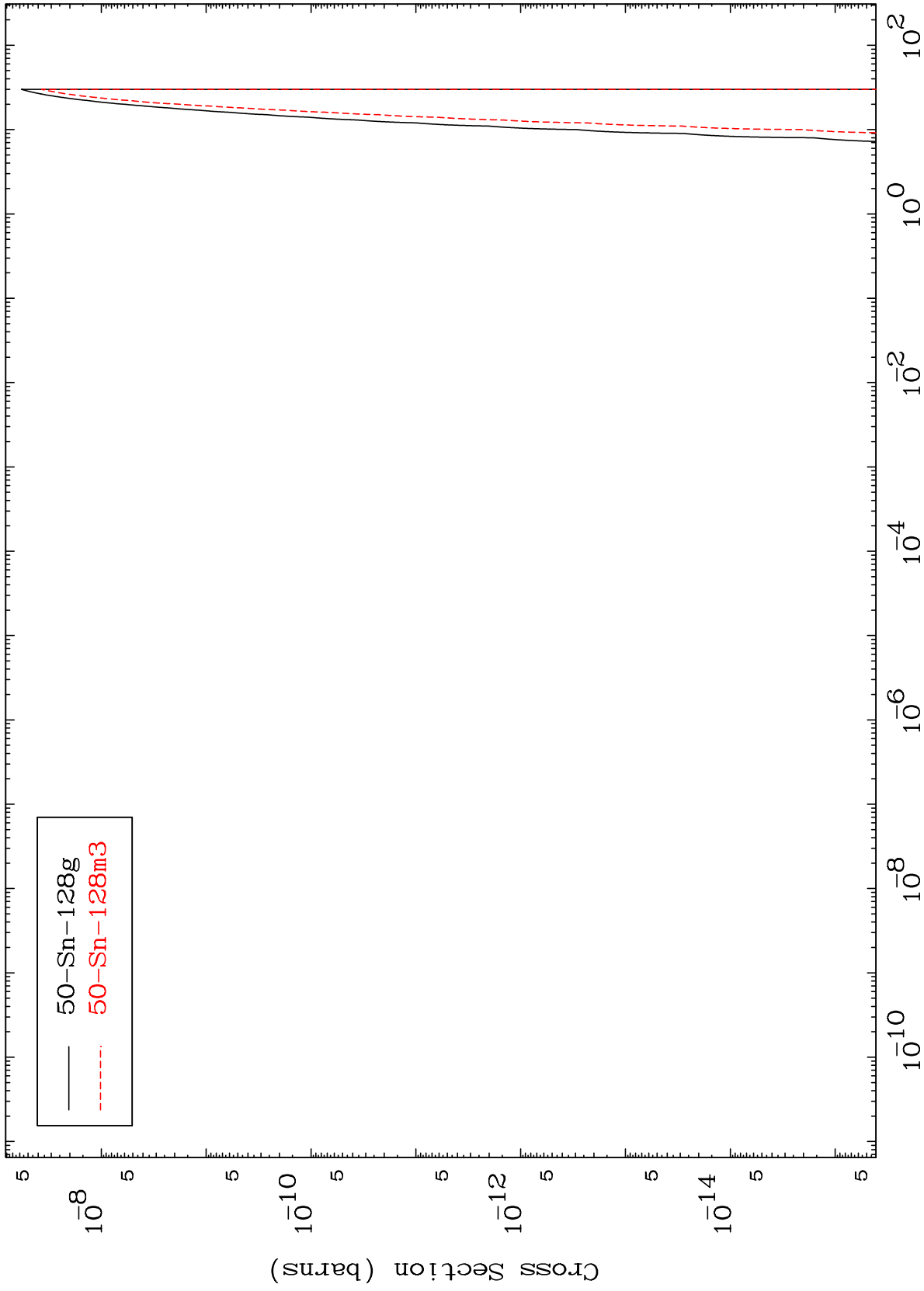
⁵²Te-131

MAT 5259

(d,p) α

52-Te-131

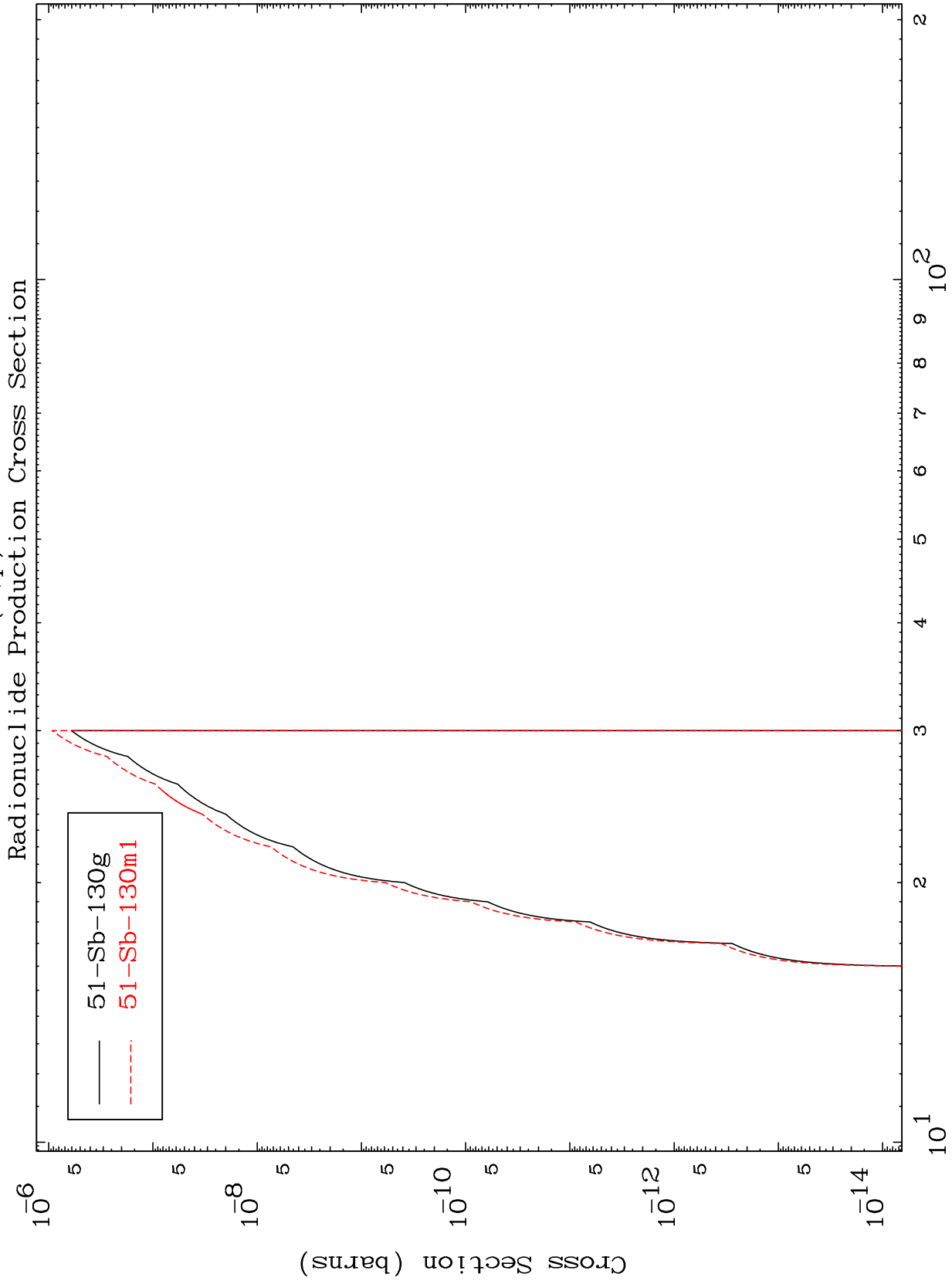
Radionuclide Production Cross Section



MAT 5259

(d,p) d

52-Te-131



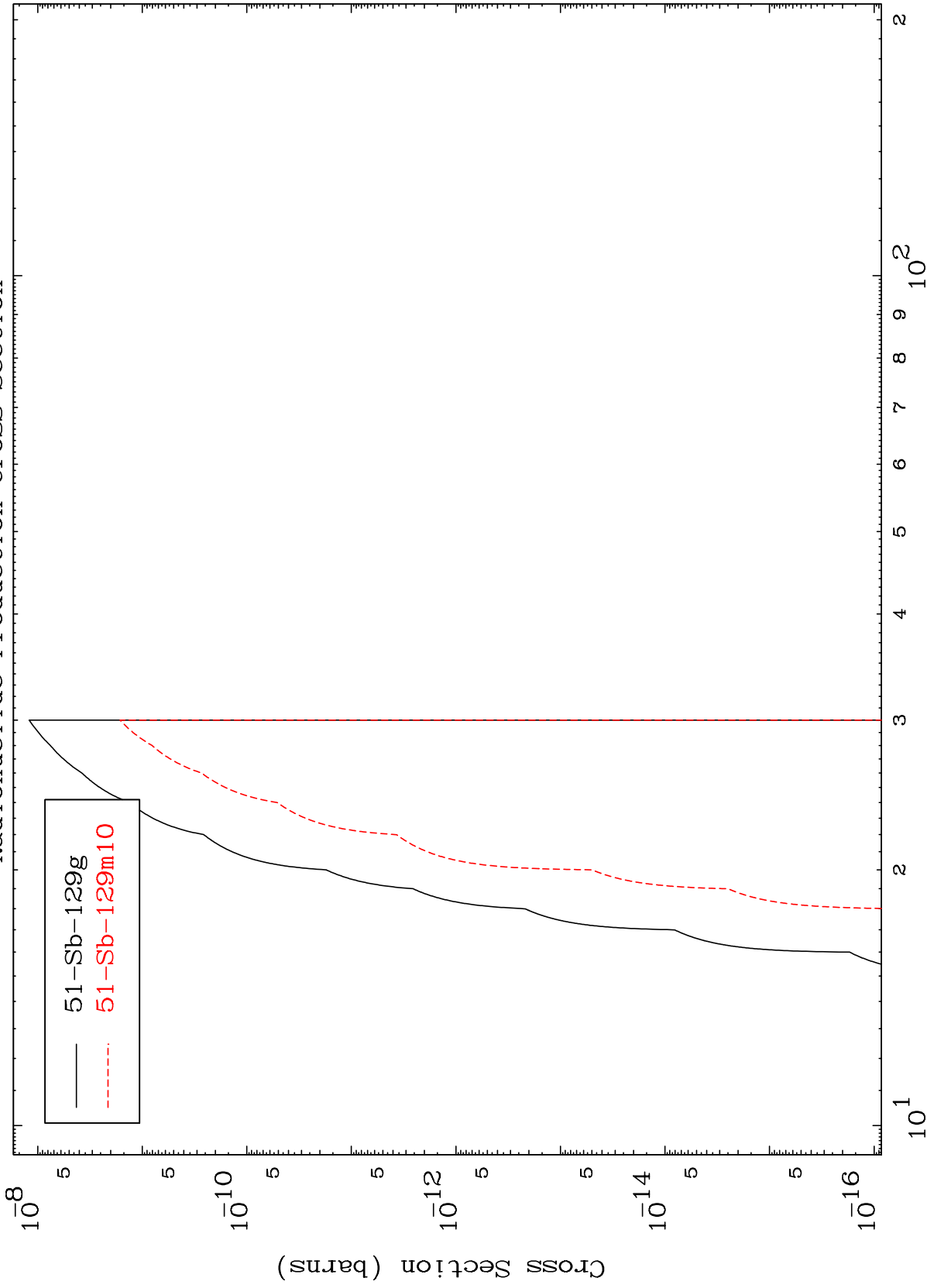
28

MAT 5259

(d,p) t

52-Te-131

Radionuclide Production Cross Section



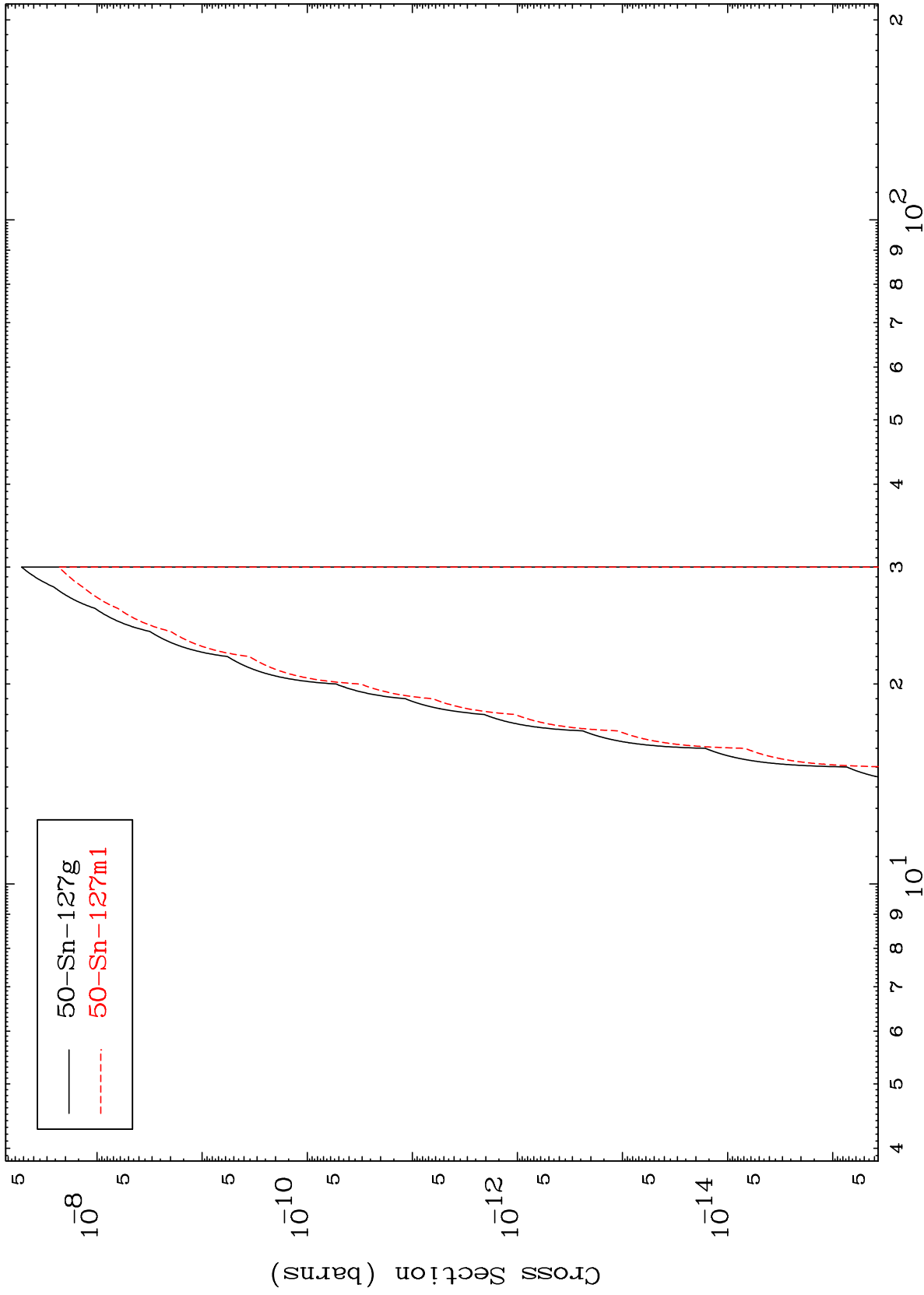
29

MAT 5259

(d,d) α

52-Te-131

Radionuclide Production Cross Section



50-Sn-127g
50-Sn-127m1

30