

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

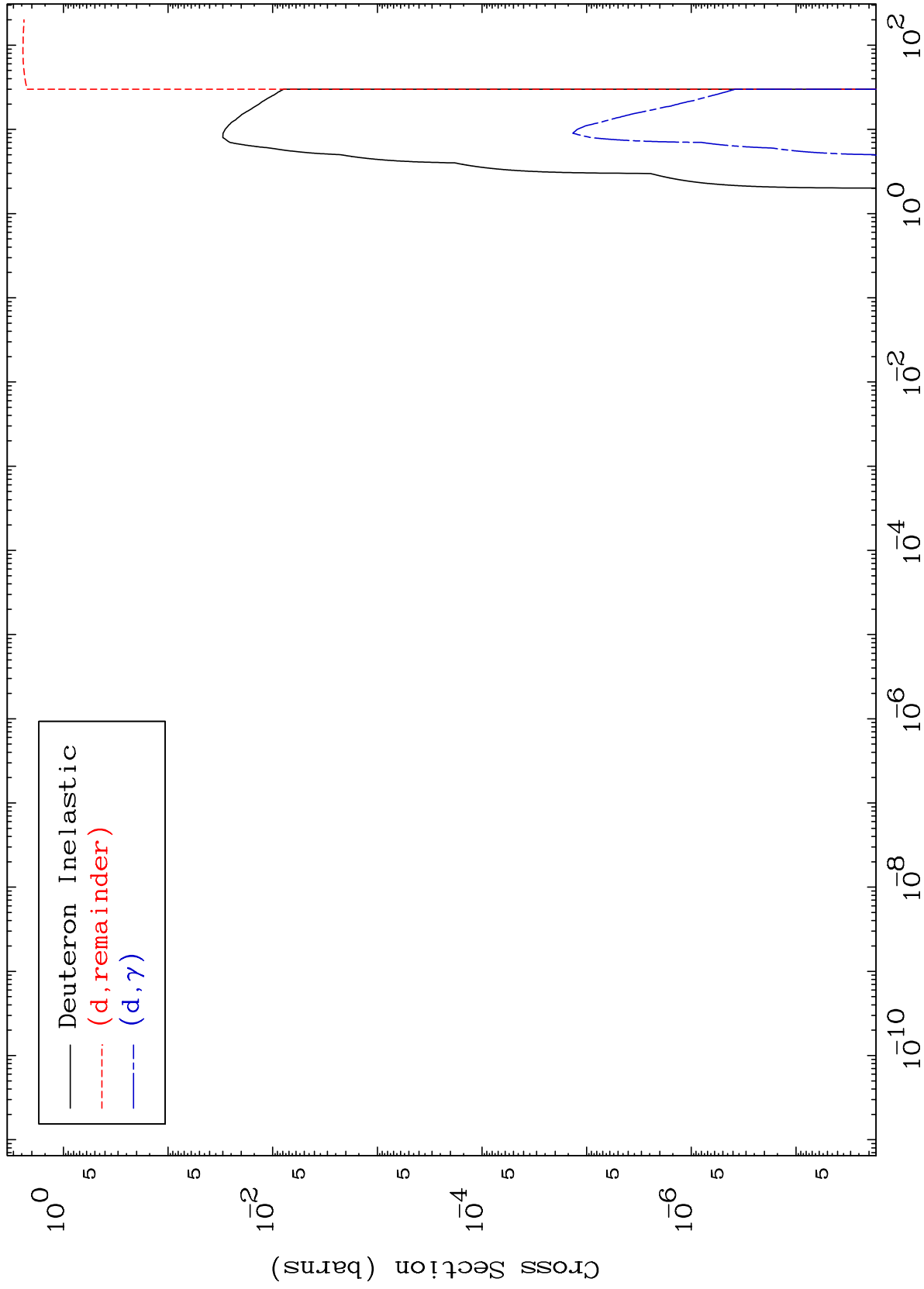
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5246

Deuteron Major
0 Kelvin Cross Sections

52-Te-127



1

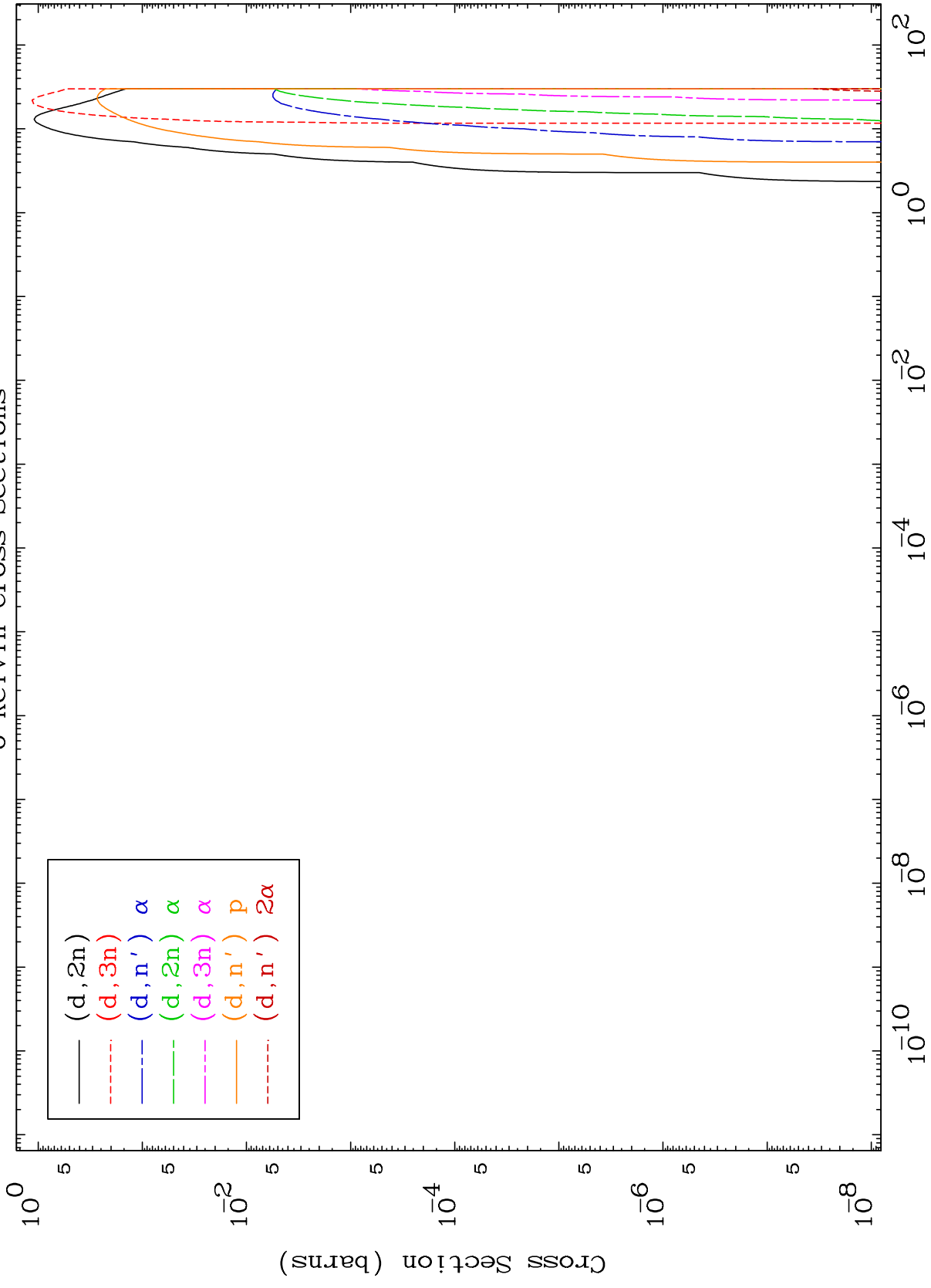
Incident Energy (MeV)

52-Te-127

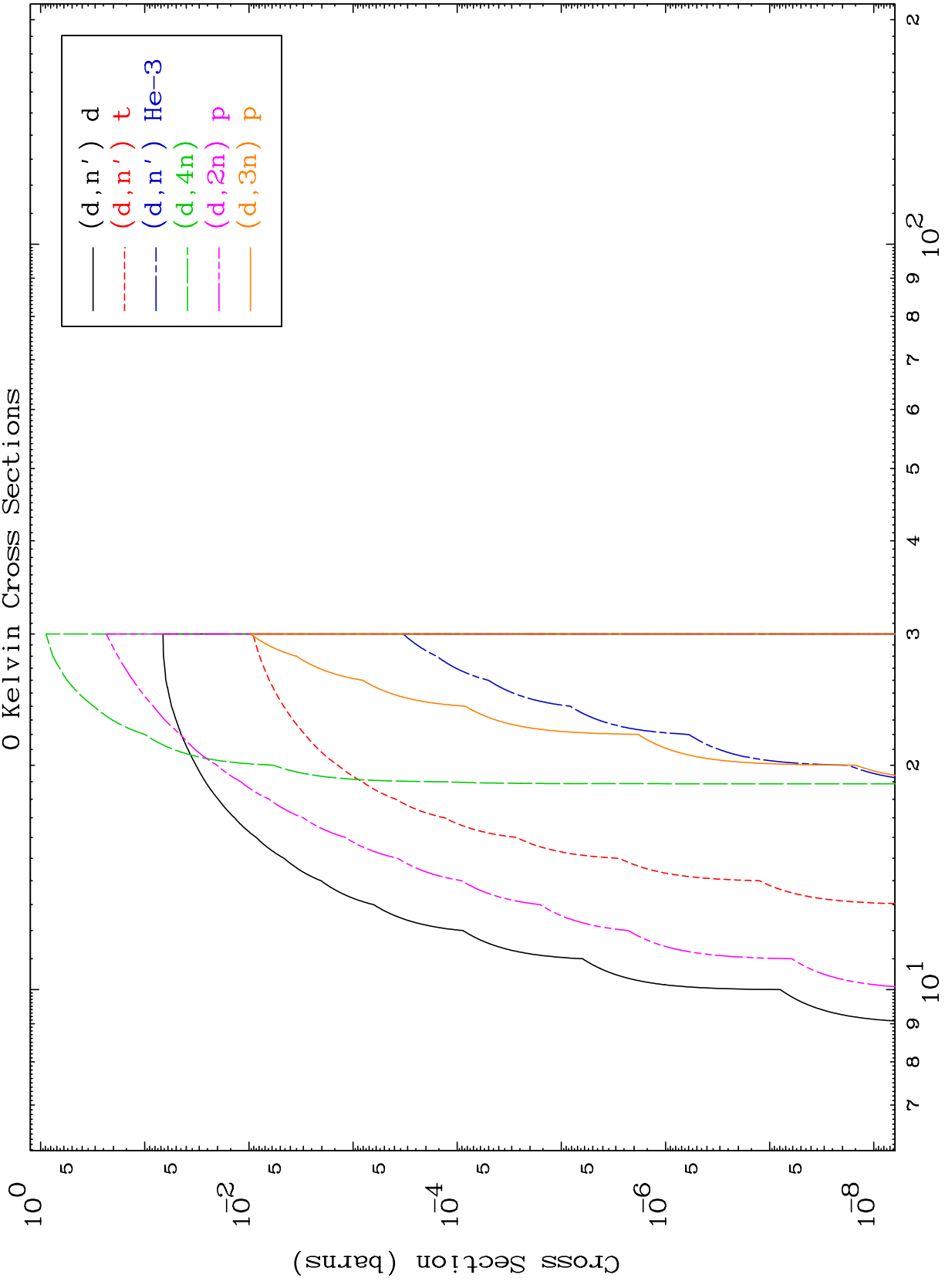
MAT 5246

Deuteron Neutron Production
0 Kelvin Cross Sections

52-Te-127



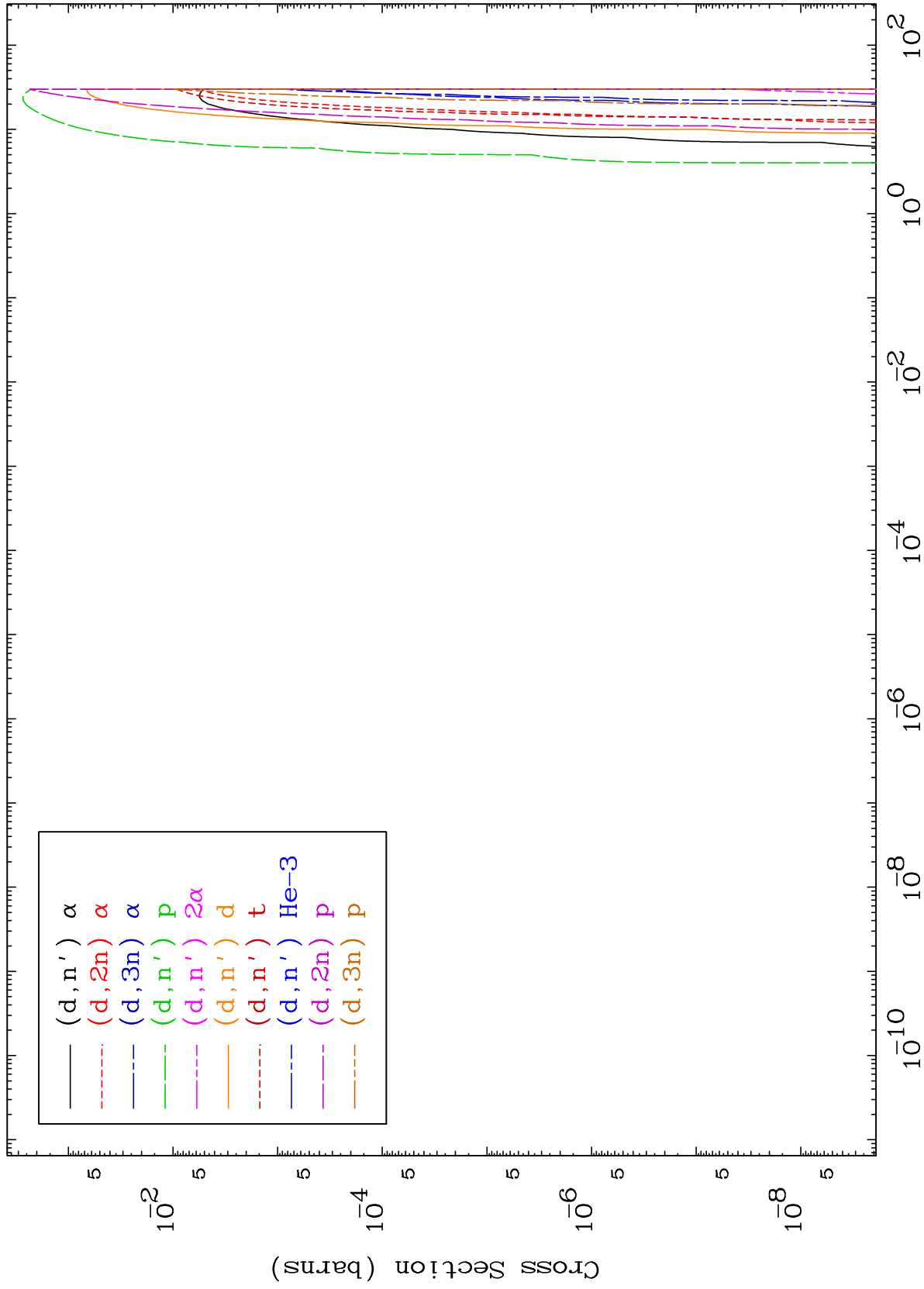
52-Te-127



MAT 5246

Deuteron Charged Particle
0 Kelvin Cross Sections

52-Te-127

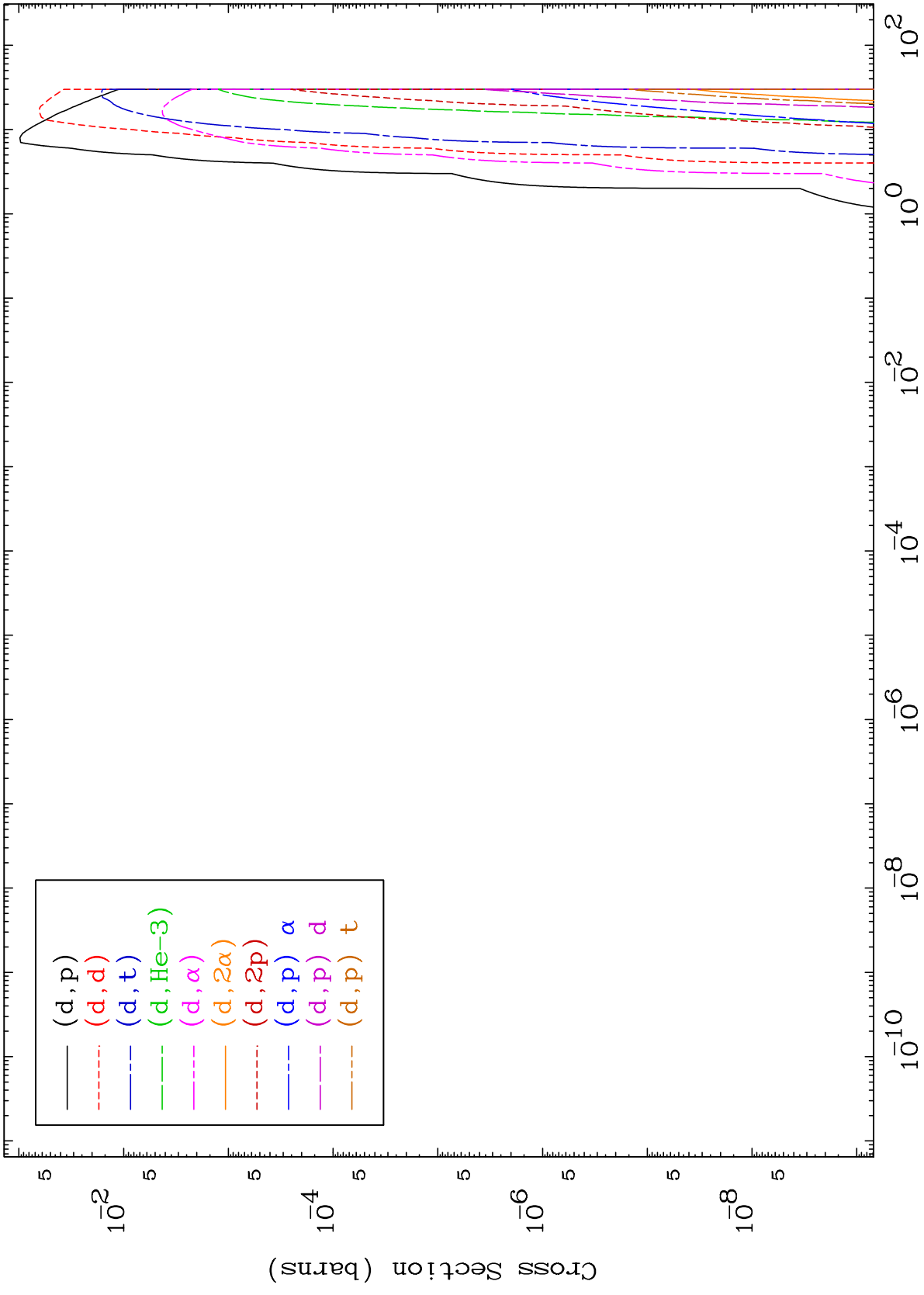


52-Te-127

MAT 5246

Deuteron Charged Particle
0 Kelvin Cross Sections

52-Te-127



5

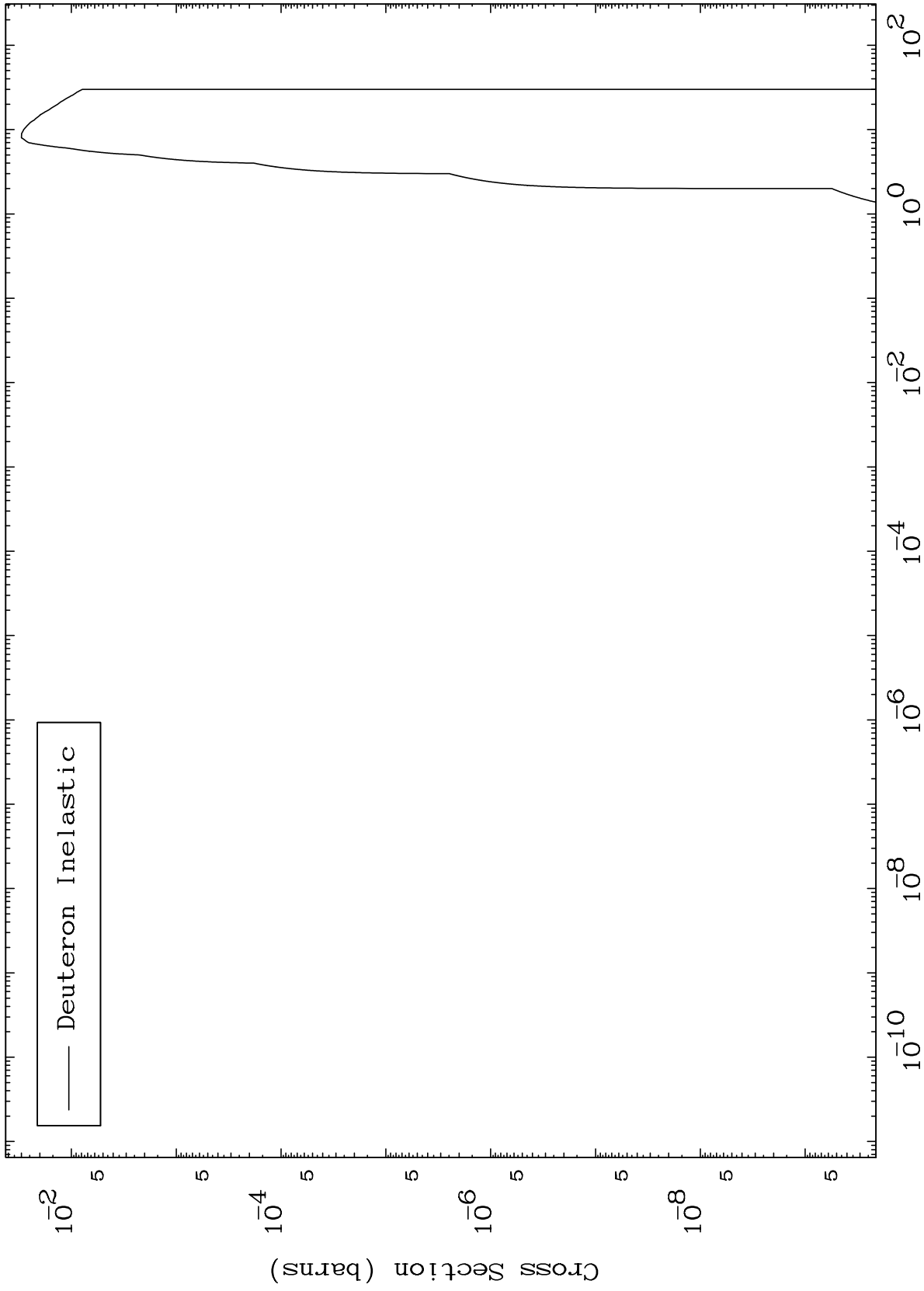
Incident Energy (MeV)

52-Te-127

MAT 5246

(d,n') Level
0 Kelvin Cross Sections

52-Te-127



6

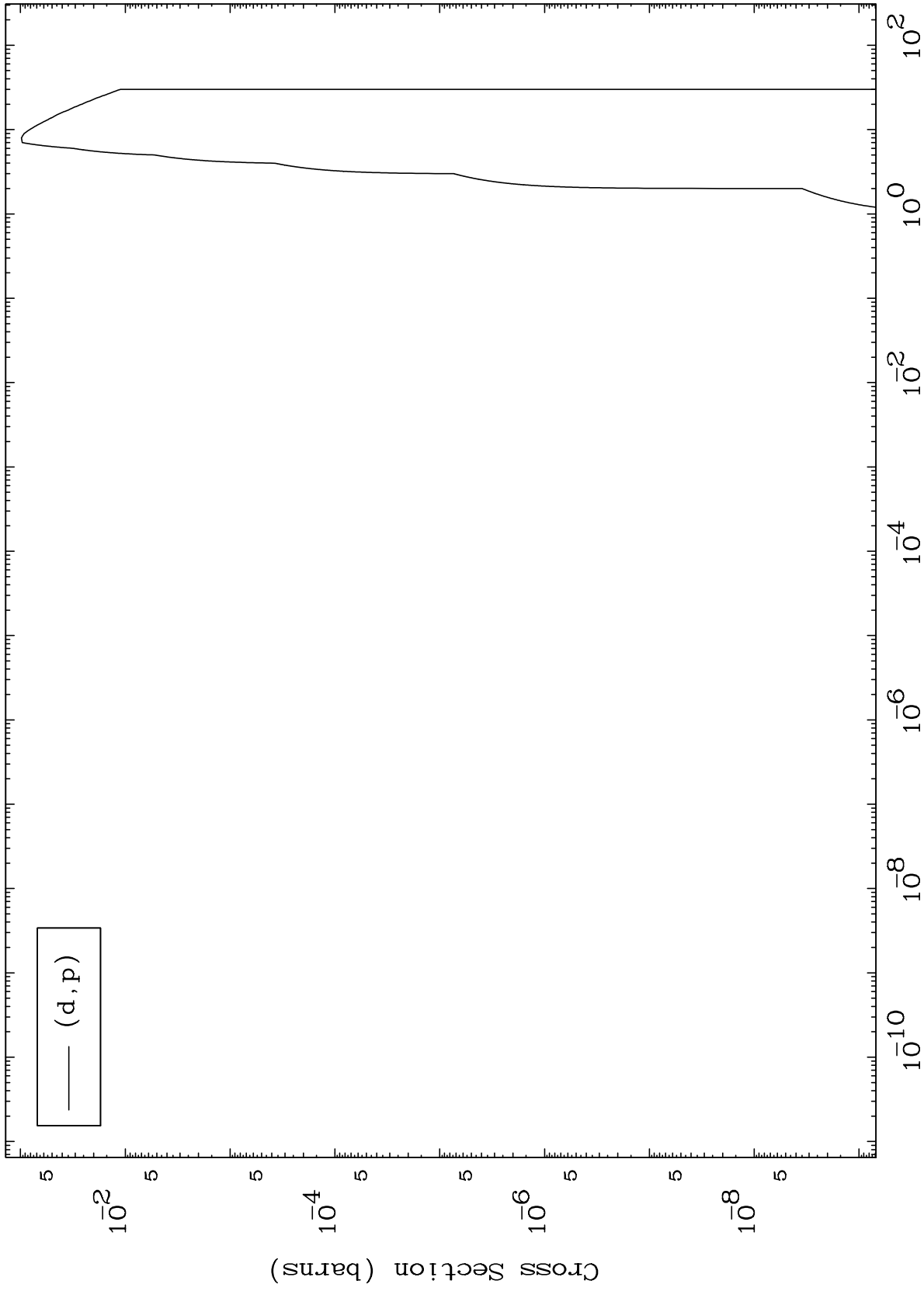
Incident Energy (MeV)

52-Te-127

MAT 5246

(d,p) Levels
0 Kelvin Cross Sections

52-Te-127



7

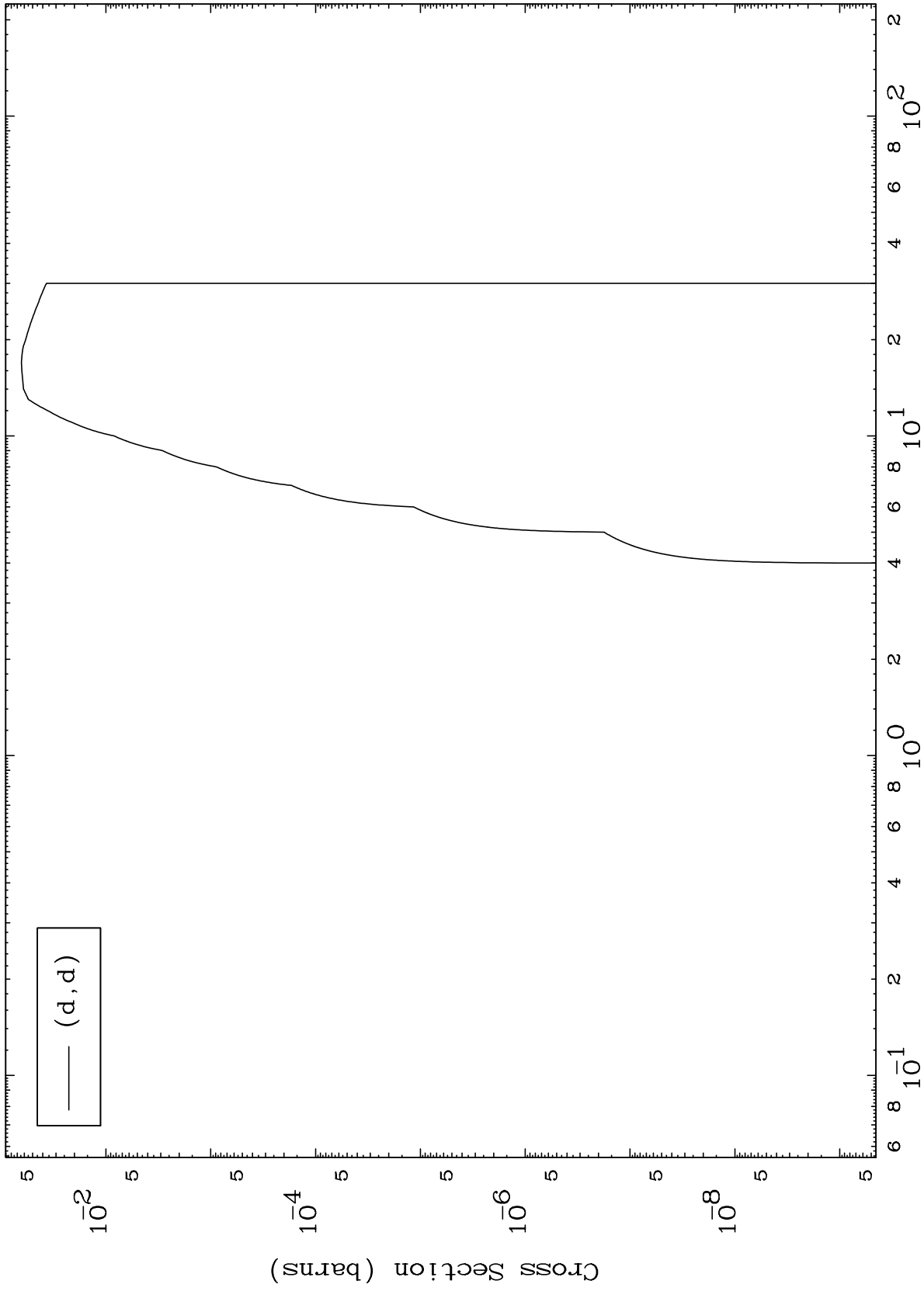
Incident Energy (MeV)

52-Te-127

MAT 5246

(d,d) Levels
0 Kelvin Cross Sections

52-Te-127



8

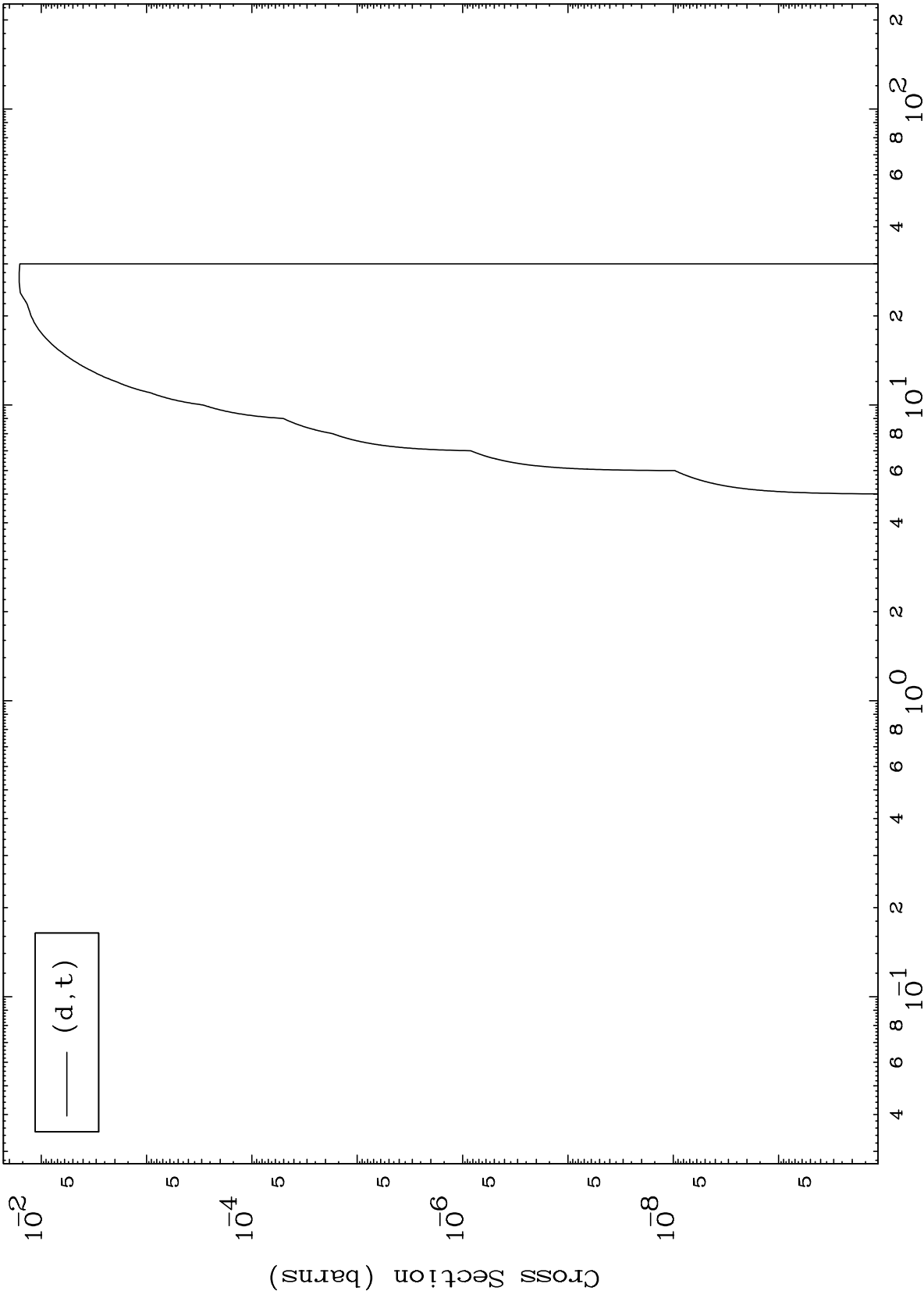
Incident Energy (MeV)

52-Te-127

MAT 5246

(d,t) Levels
0 Kelvin Cross Sections

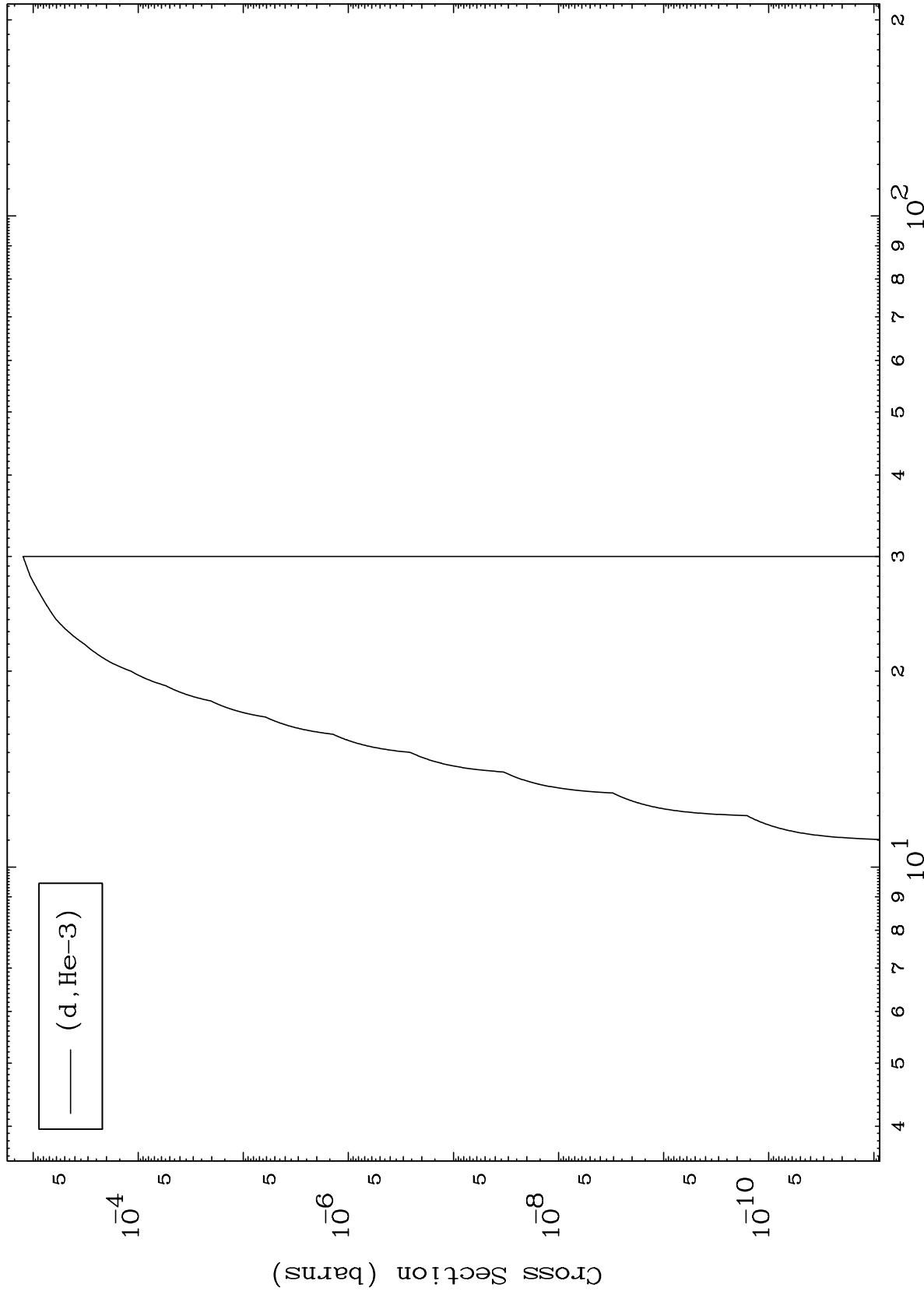
52-Te-127



MAT 5246

(d,He3) Levels
0 Kelvin Cross Sections

52-Te-127



10

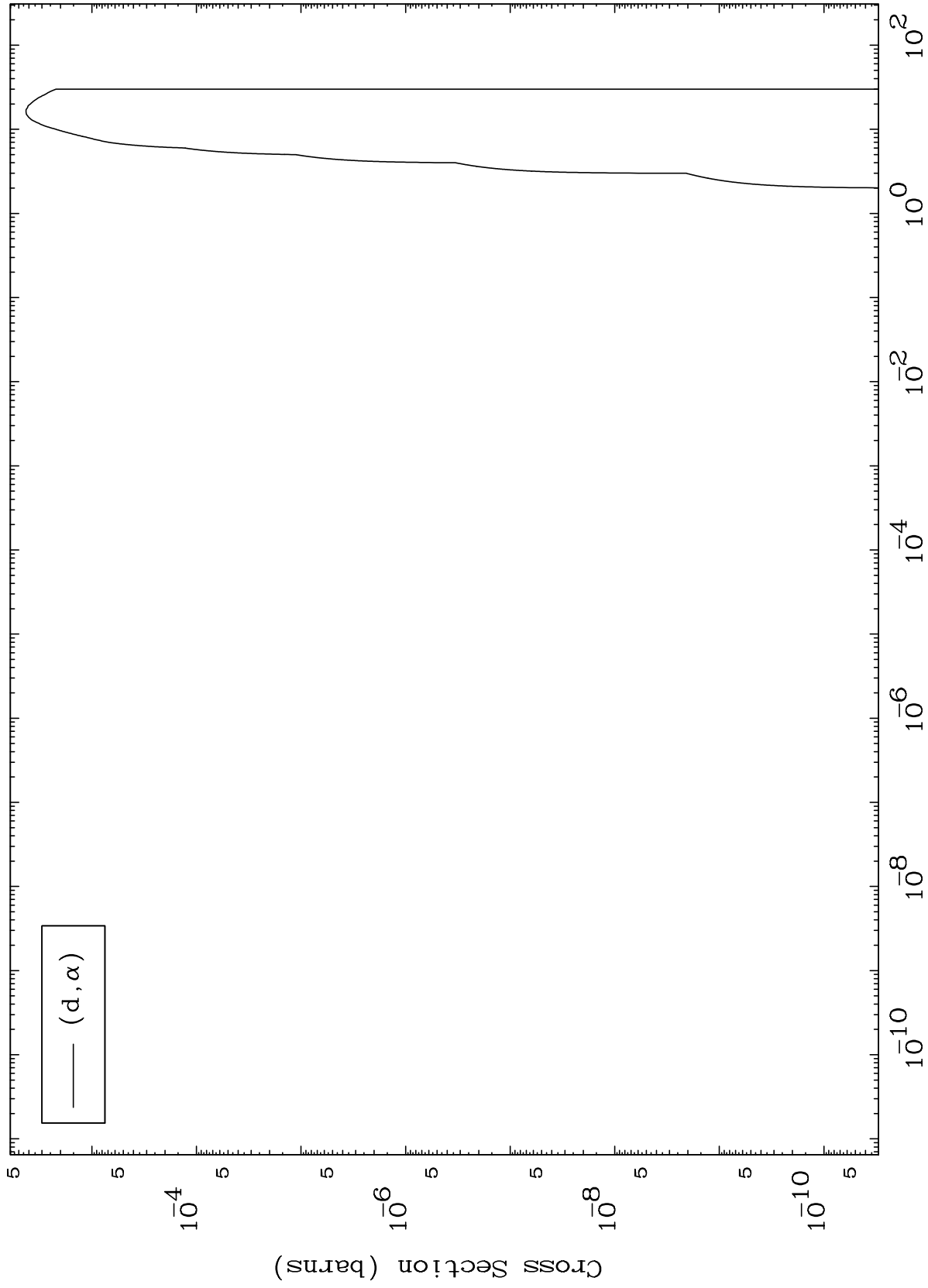
Incident Energy (MeV)

52-Te-127

MAT 5246

(d, α) Levels
0 Kelvin Cross Sections

52-Te-127



11

Incident Energy (MeV)

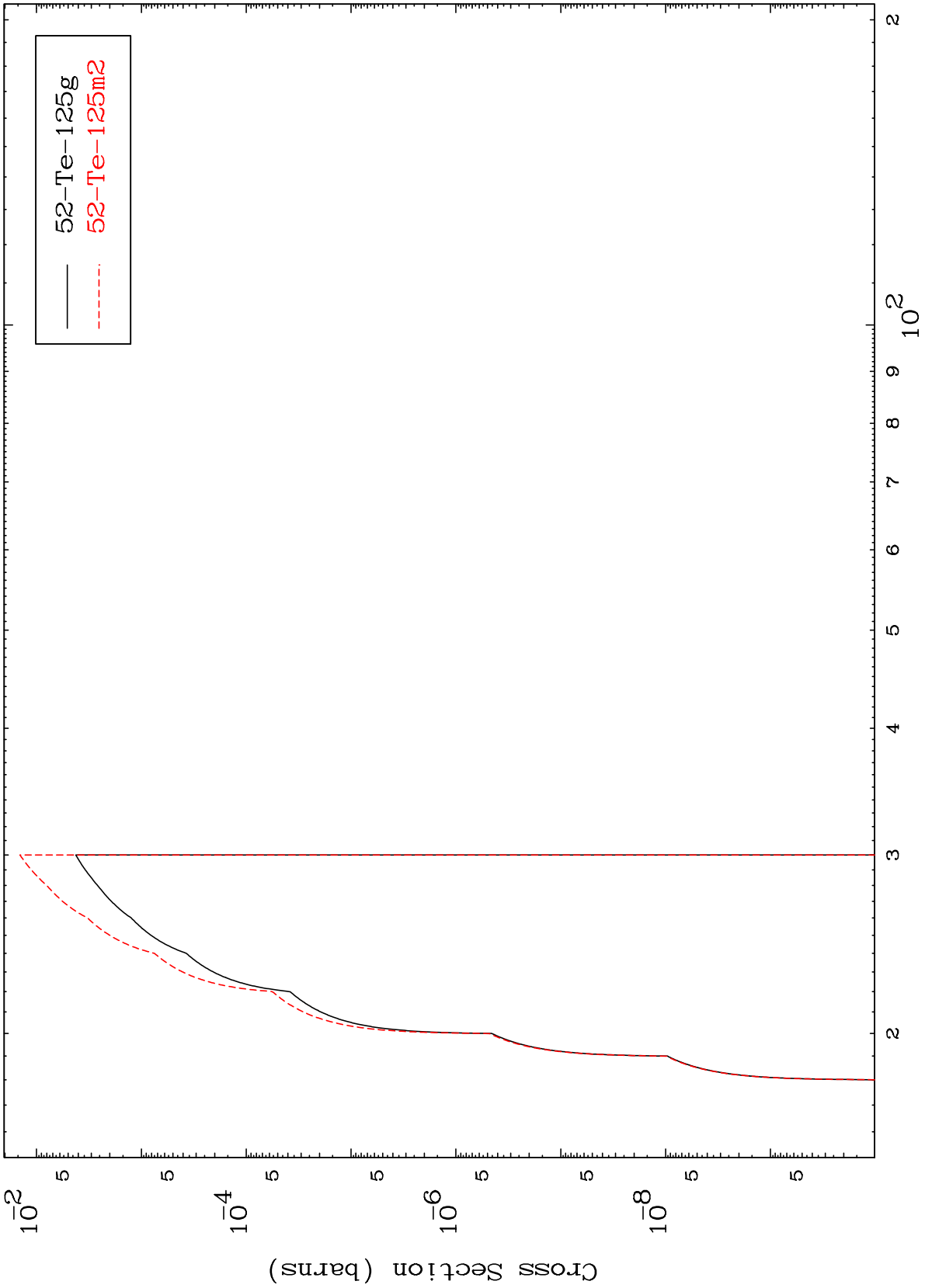
52-Te-127

MAT 5246

(d,2n) d

⁵²Te-127

Radionuclide Production Cross Section



12

Incident Energy (MeV)

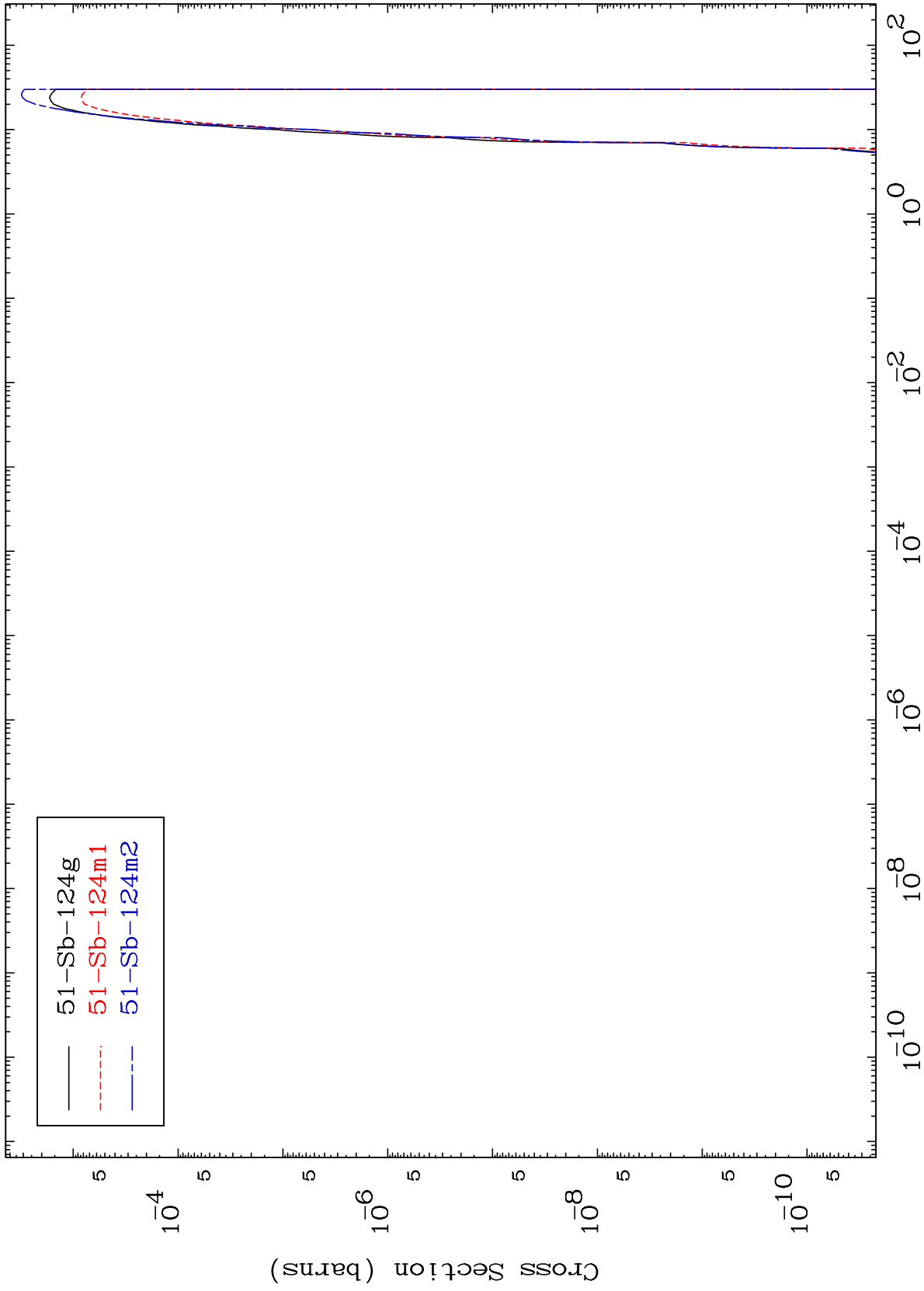
⁵²Te-127

MAT 5246

(d,n') α

52-Te-127

Radionuclide Production Cross Section

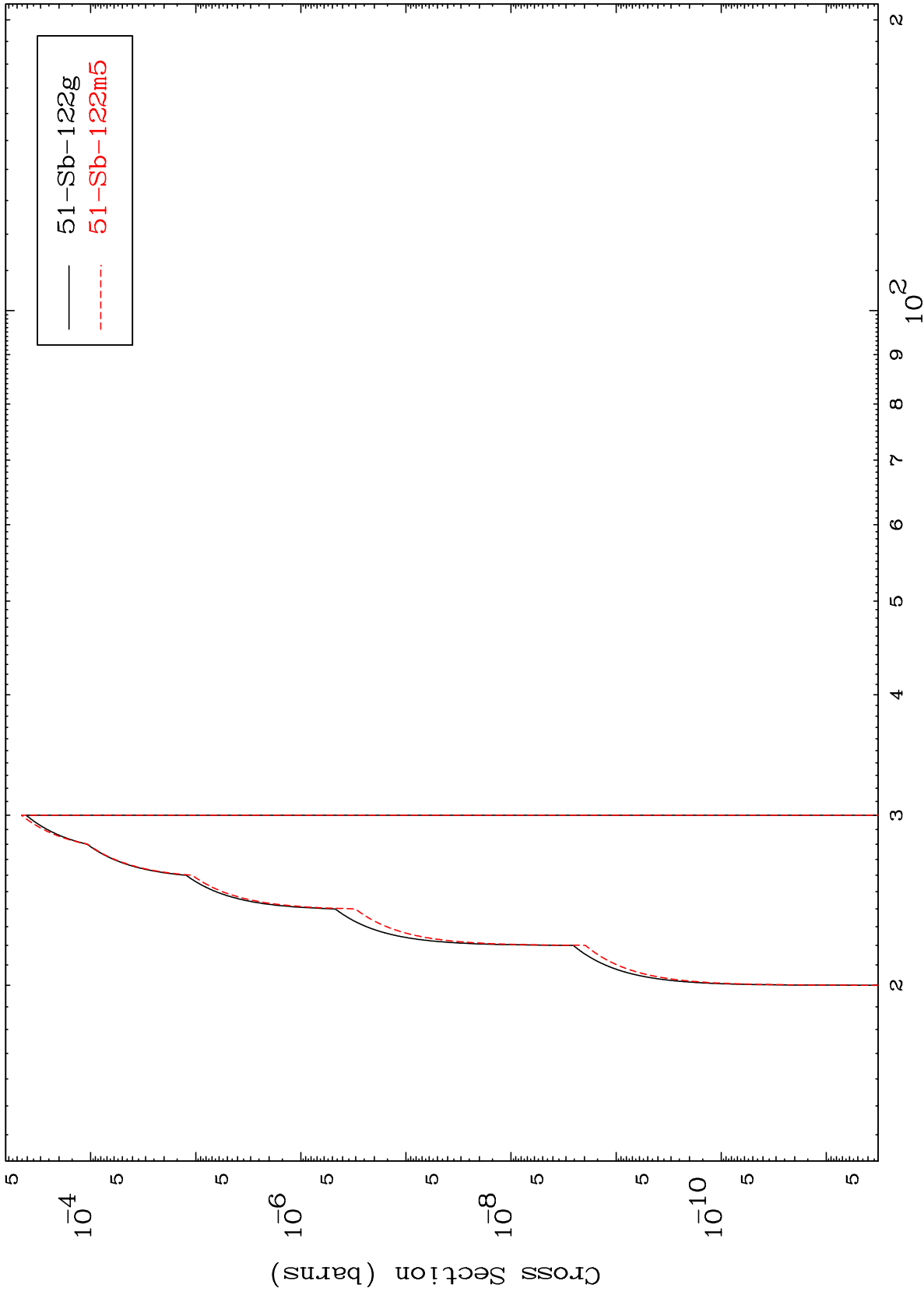


MAT 5246

(d,3n) α

52-Te-127

Radionuclide Production Cross Section



14

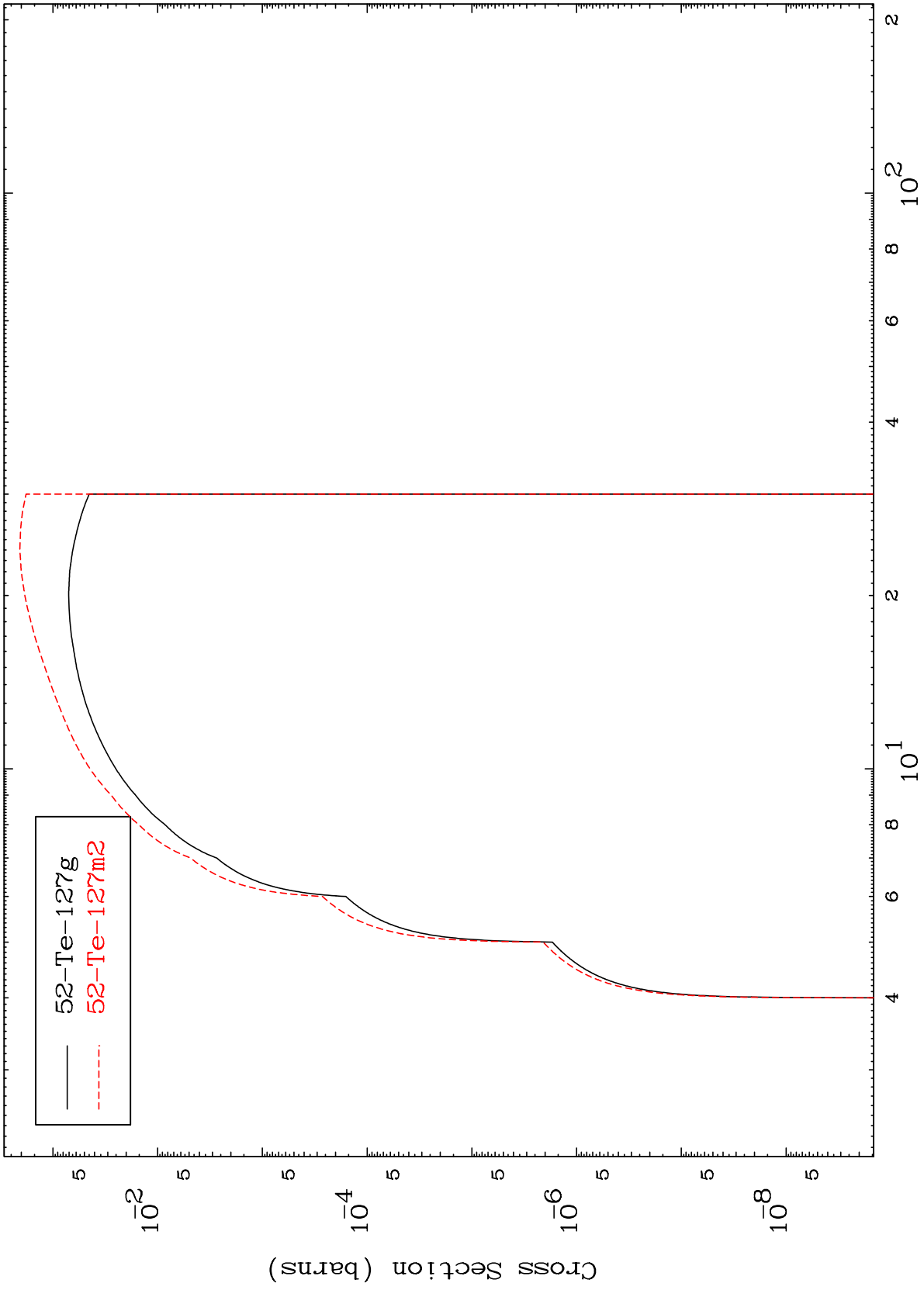
Incident Energy (MeV)

52-Te-127

MAT 5246

52-Te-127

(d,n') p
Radionuclide Production Cross Section



15

Incident Energy (MeV)

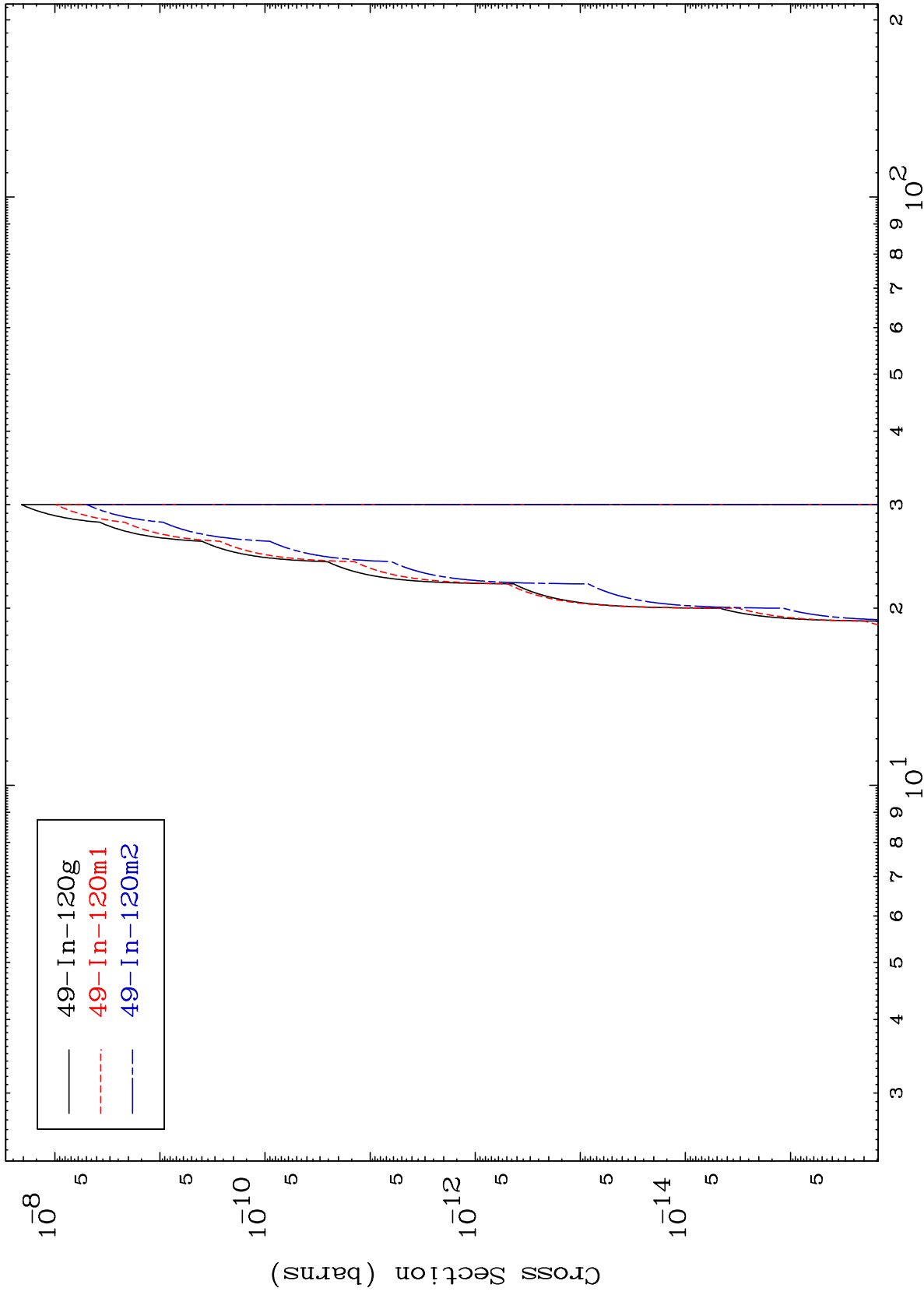
52-Te-127

MAT 5246

(d,n') 2 α

52-Te-127

Radionuclide Production Cross Section



16

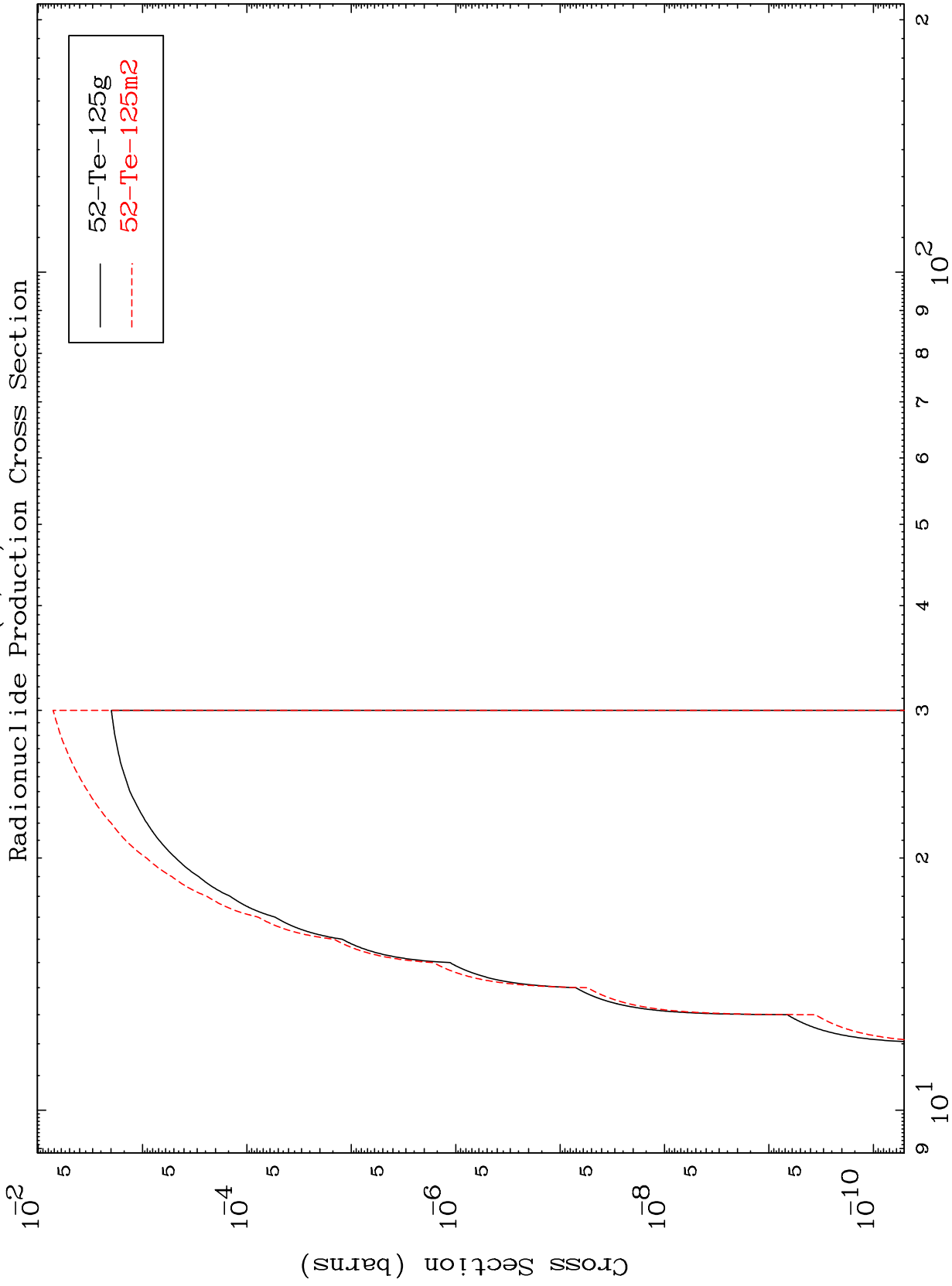
Incident Energy (MeV)

52-Te-127

MAT 5246

(d,n') t

52-Te-127



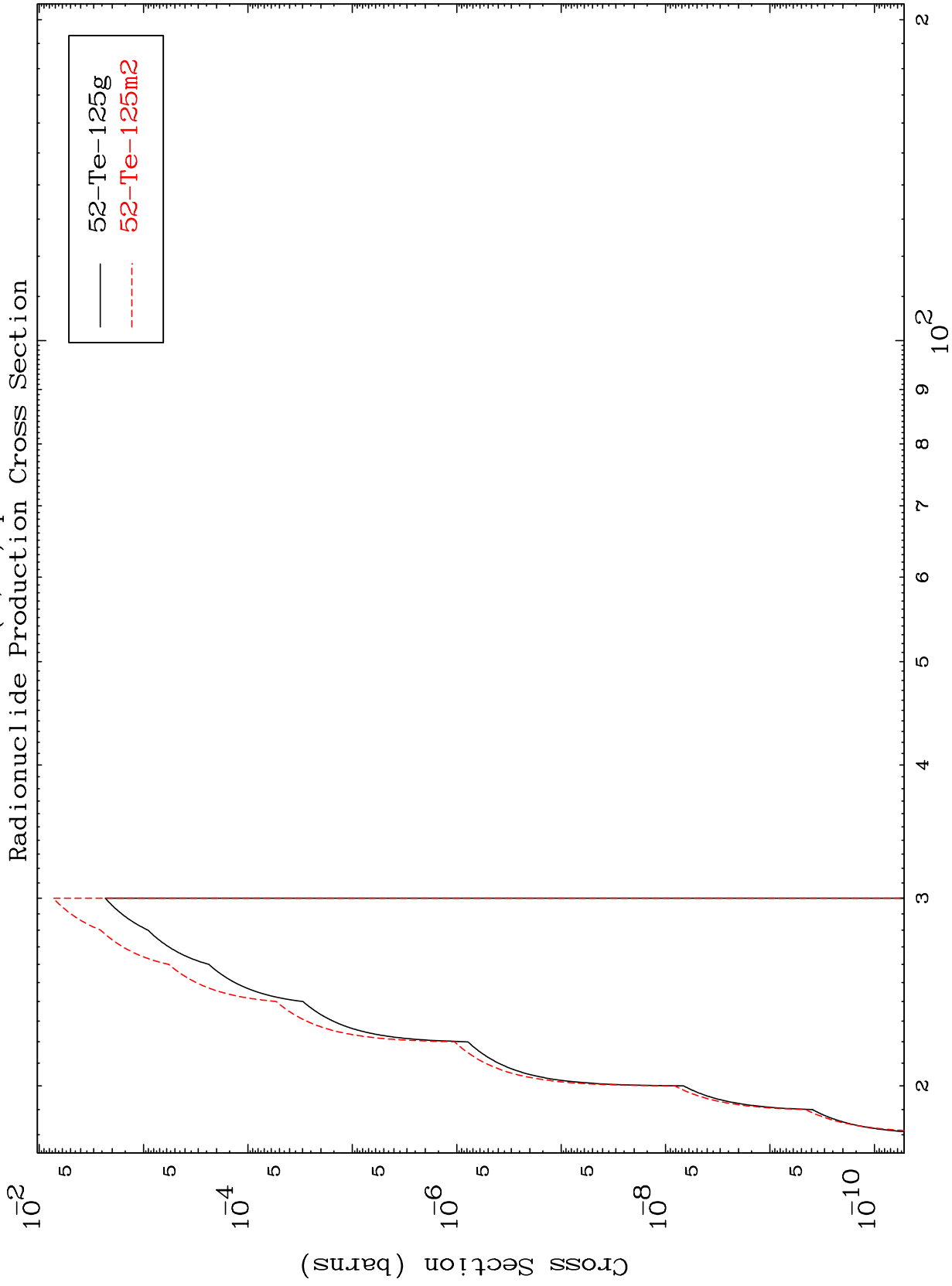
52-Te-127

17

MAT 5246

(d,3n) p

⁵²Te-127



18

Incident Energy (MeV)

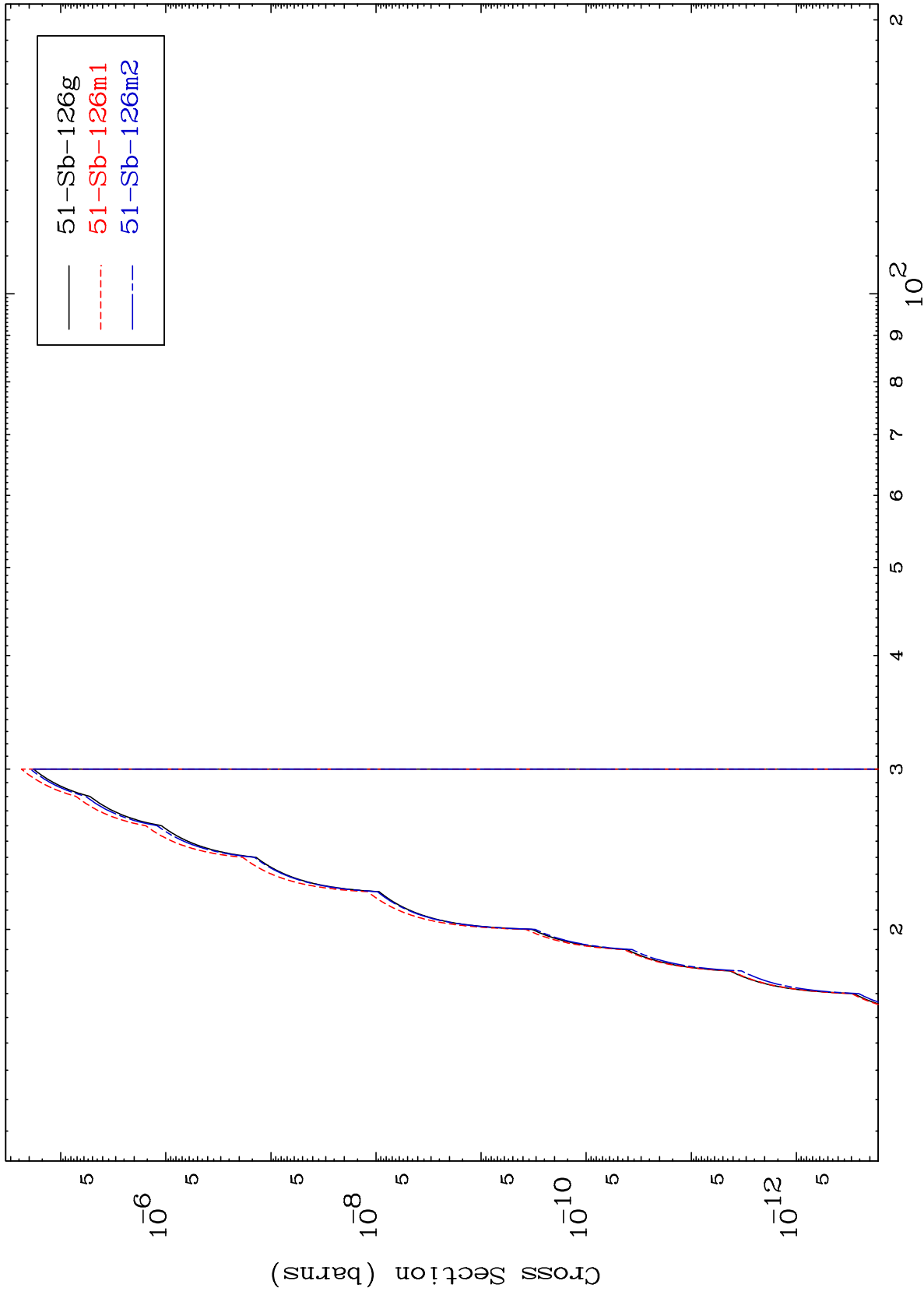
⁵²Te-127

MAT 5246

(d,2n) p

52-Te-127

Radionuclide Production Cross Section



19

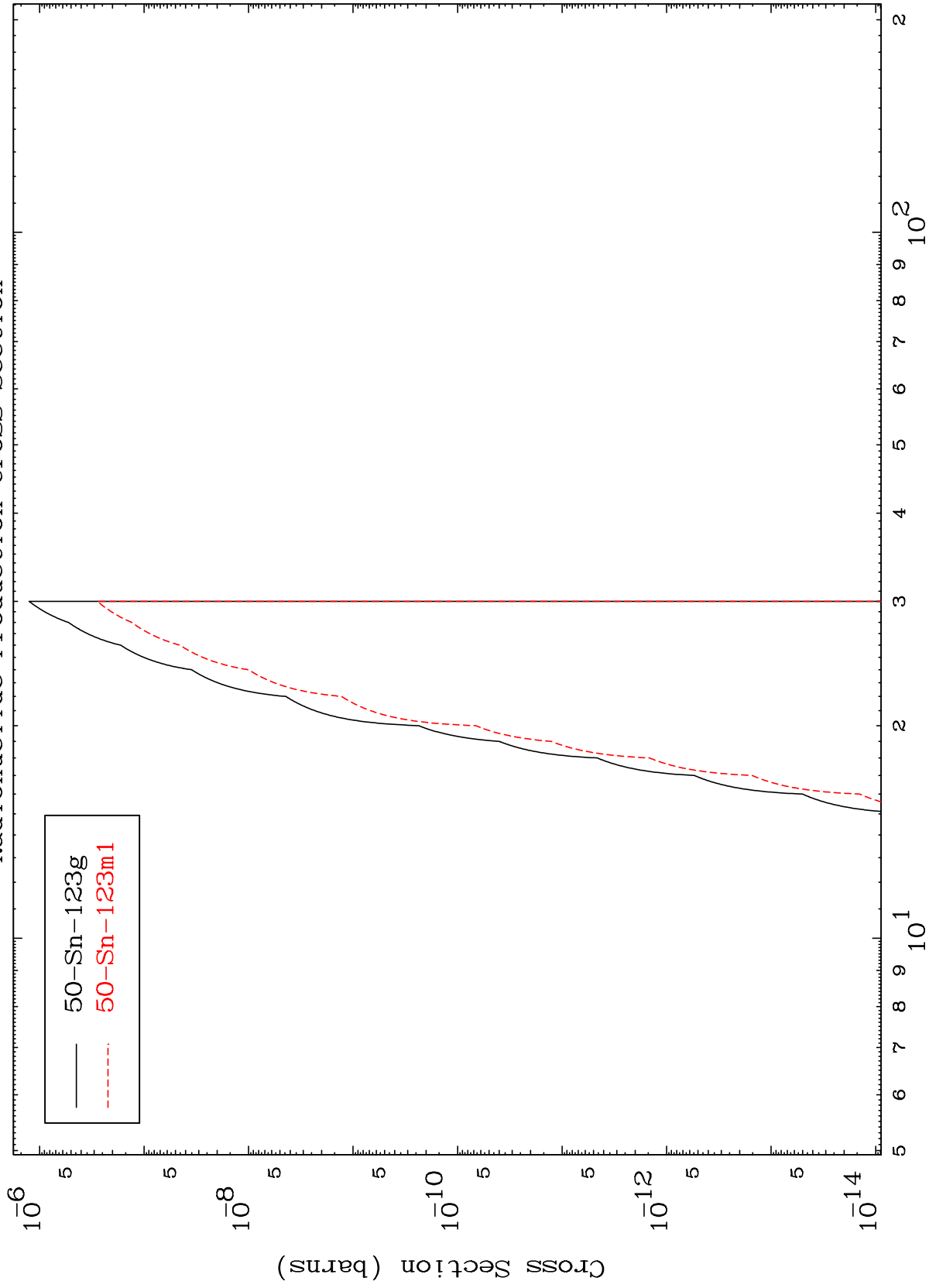
Incident Energy (MeV)

52-Te-127

MAT 5246

52-Te-127

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



20

Incident Energy (MeV)

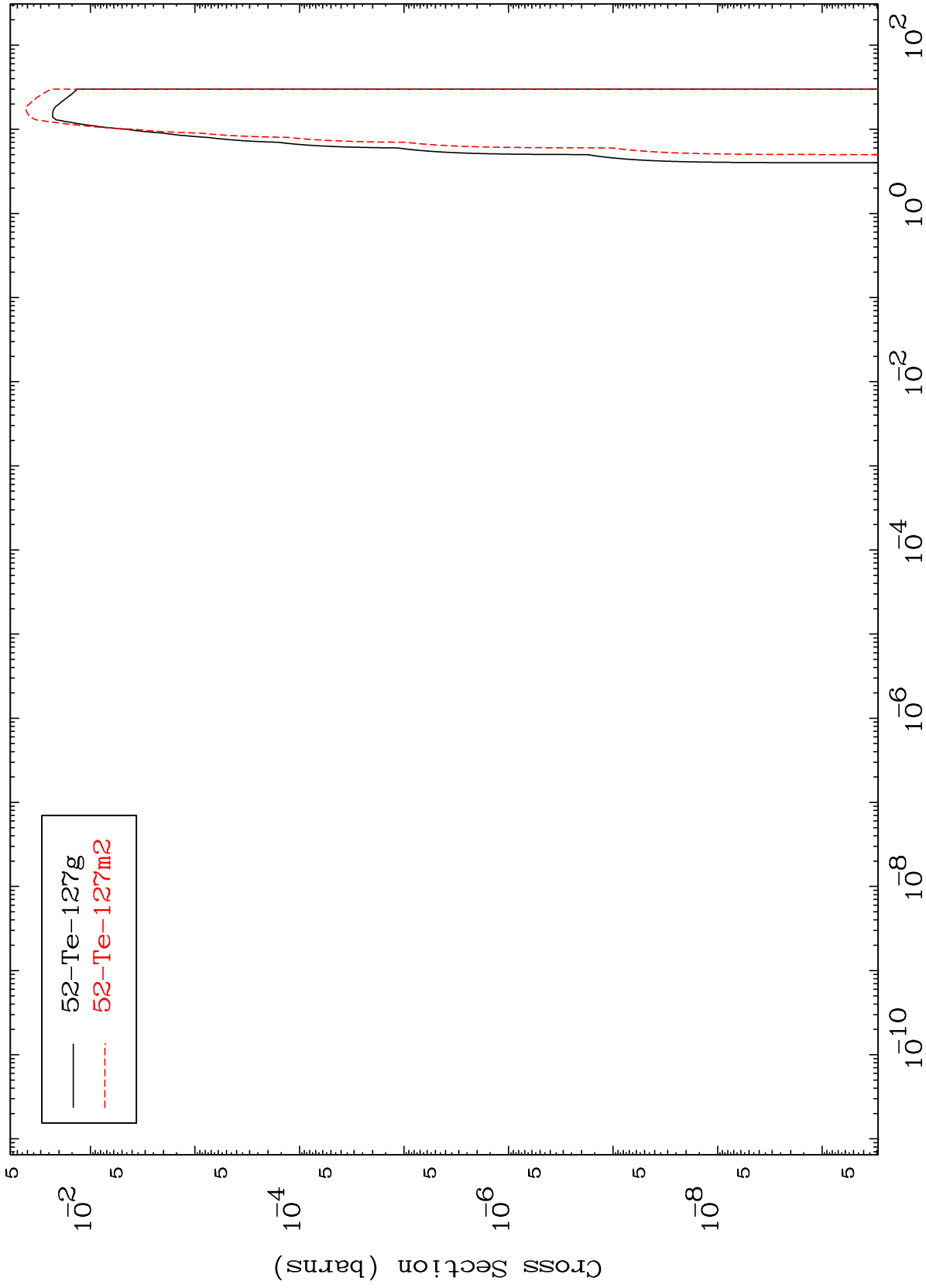
52-Te-127

MAT 5246

(d,d)

Radionuclide Production Cross Section

⁵²Te-127



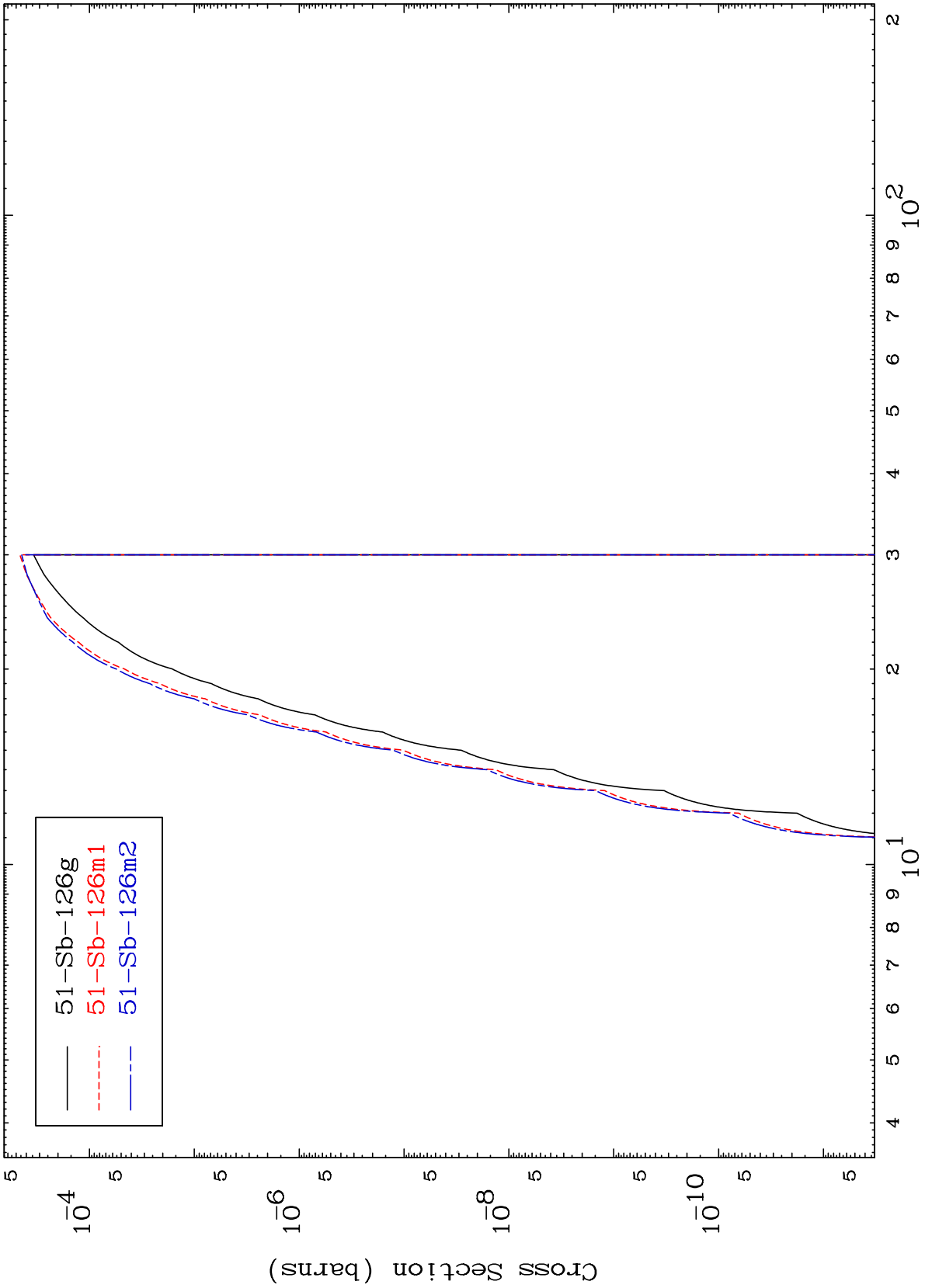
⁵²Te-127

MAT 5246

(d, He-3)

52-Te-127

Radionuclide Production Cross Section



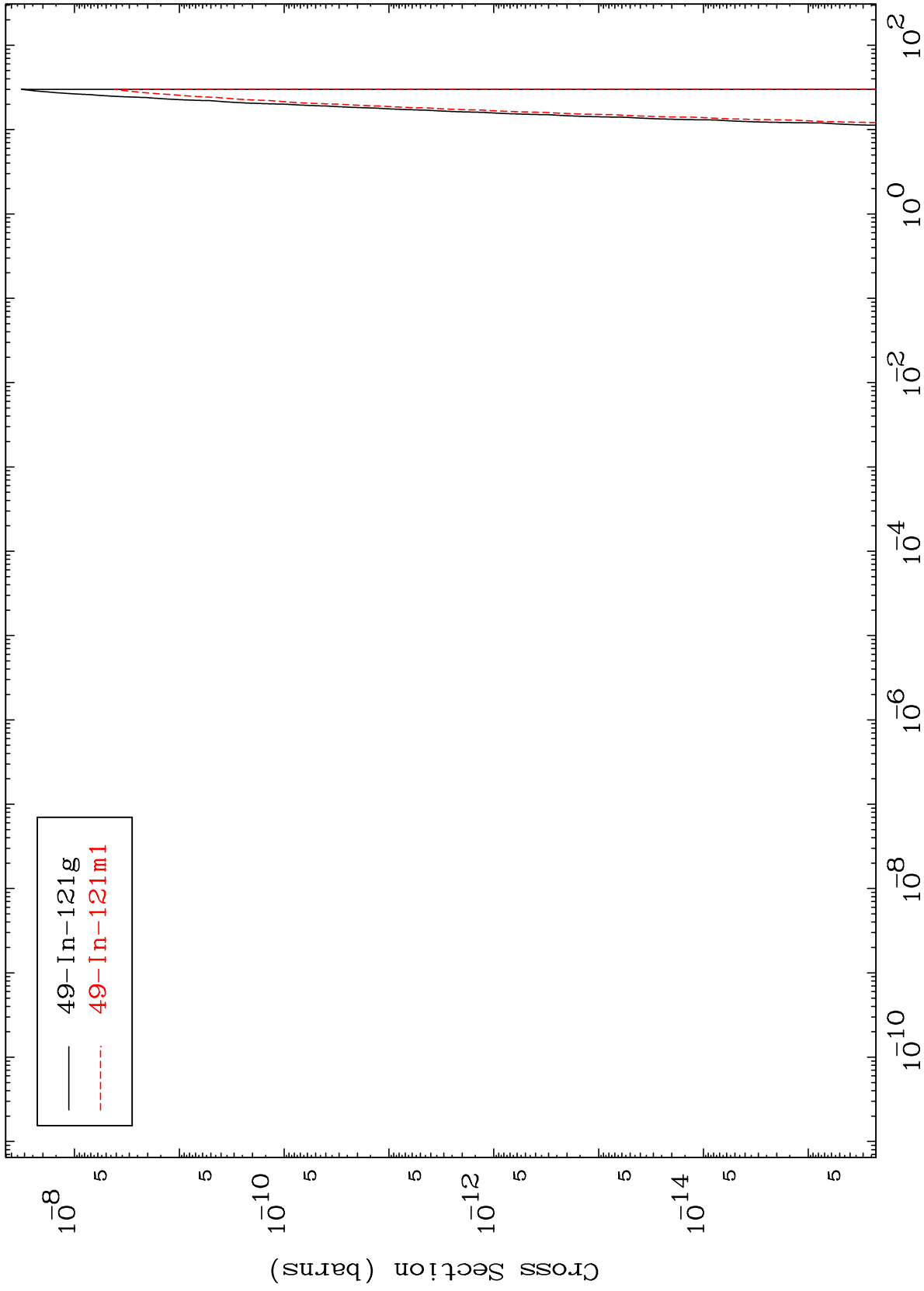
51-Sb-126g
51-Sb-126m1
51-Sb-126m2

MAT 5246

(d,2α)

52-Te-127

Radionuclide Production Cross Section

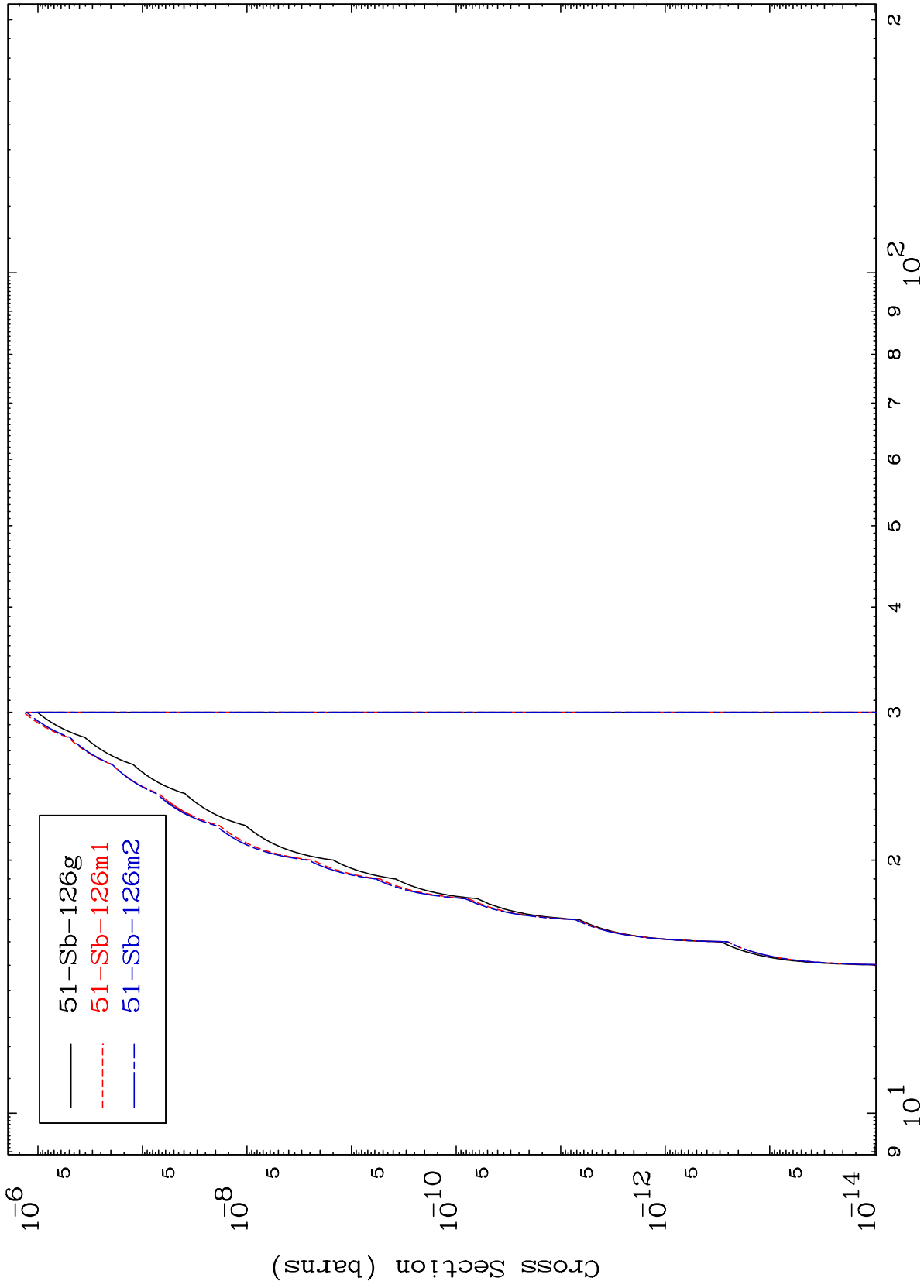


MAT 5246

(d,p) d

52-Te-127

Radionuclide Production Cross Section



51-Sb-126g
51-Sb-126m1
51-Sb-126m2

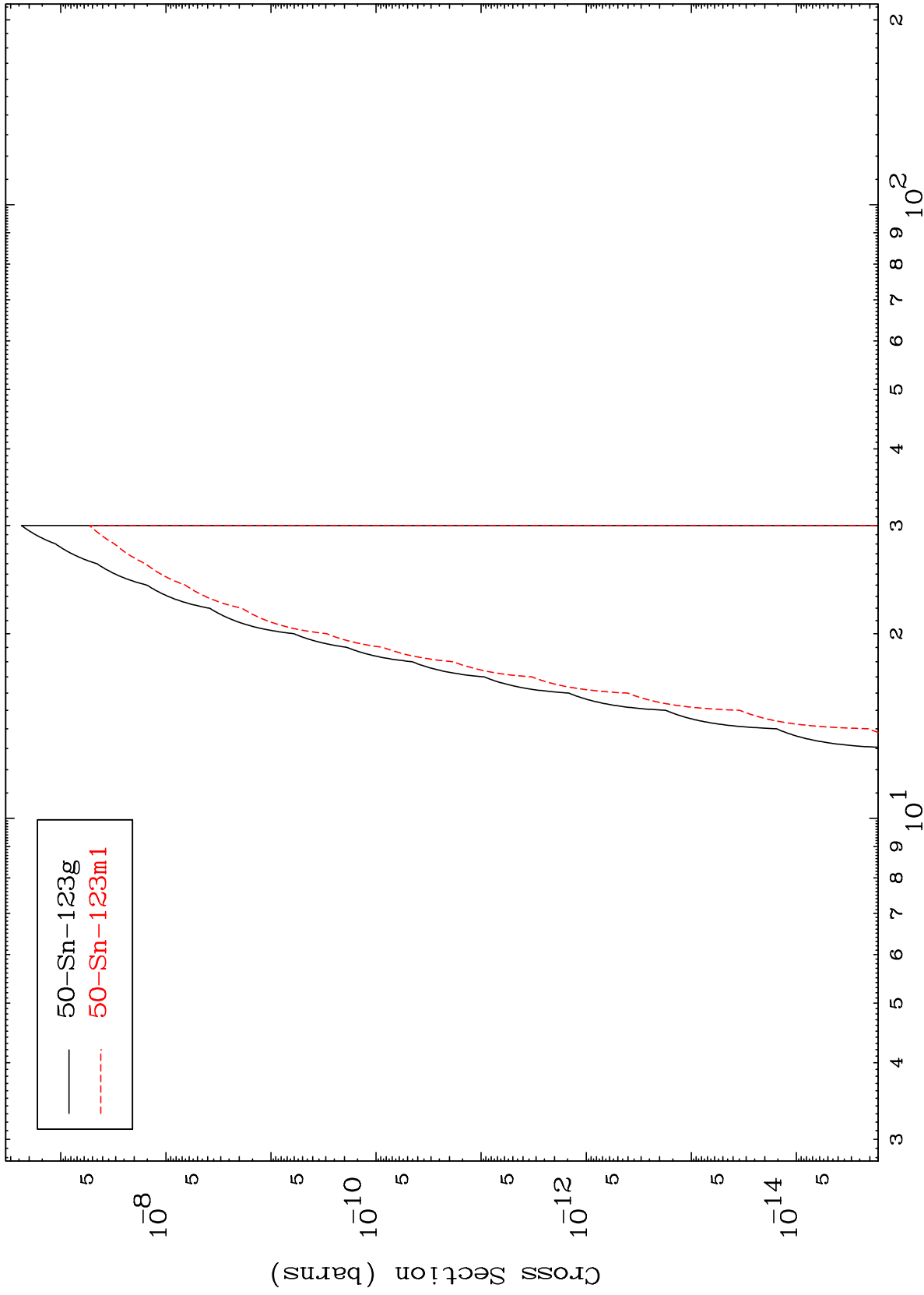
24

MAT 5246

(d,d) α

52-Te-127

Radionuclide Production Cross Section



25

Incident Energy (MeV)

52-Te-127