

Program EVALPLOT
(Version 2015-2)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

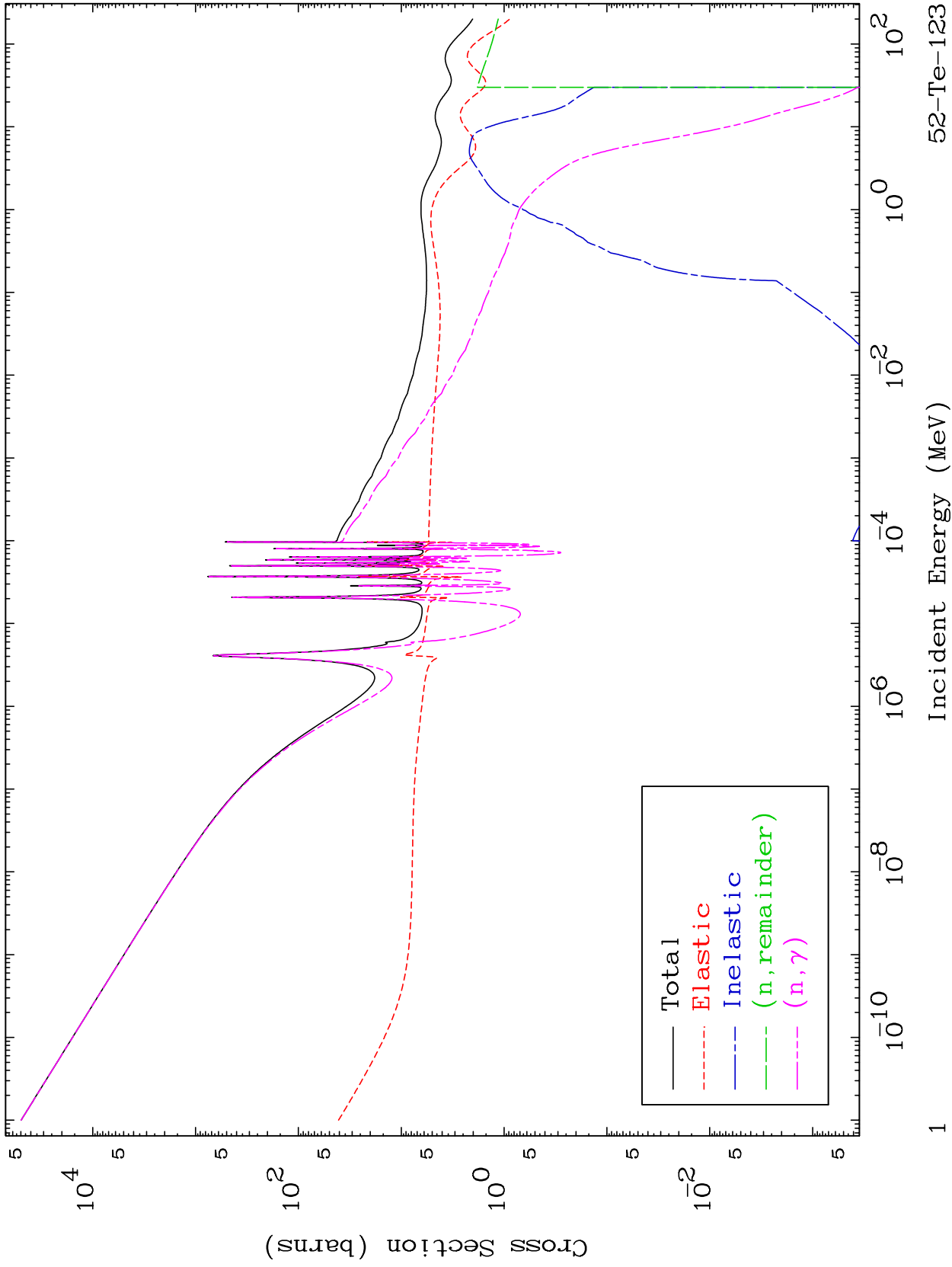
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5235

Major
293 Kelvin Cross Sections

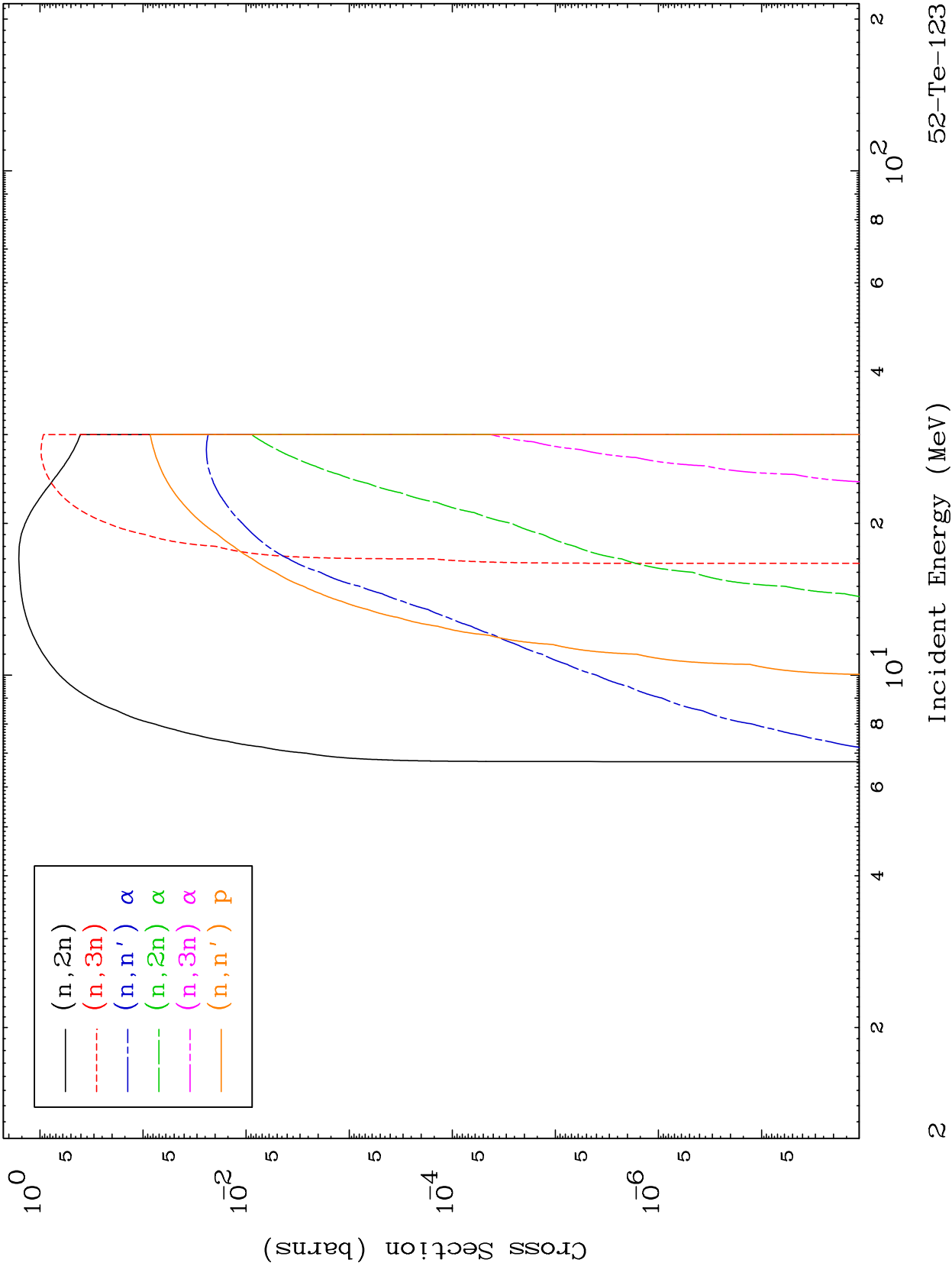
52-Te-123



MAT 5235

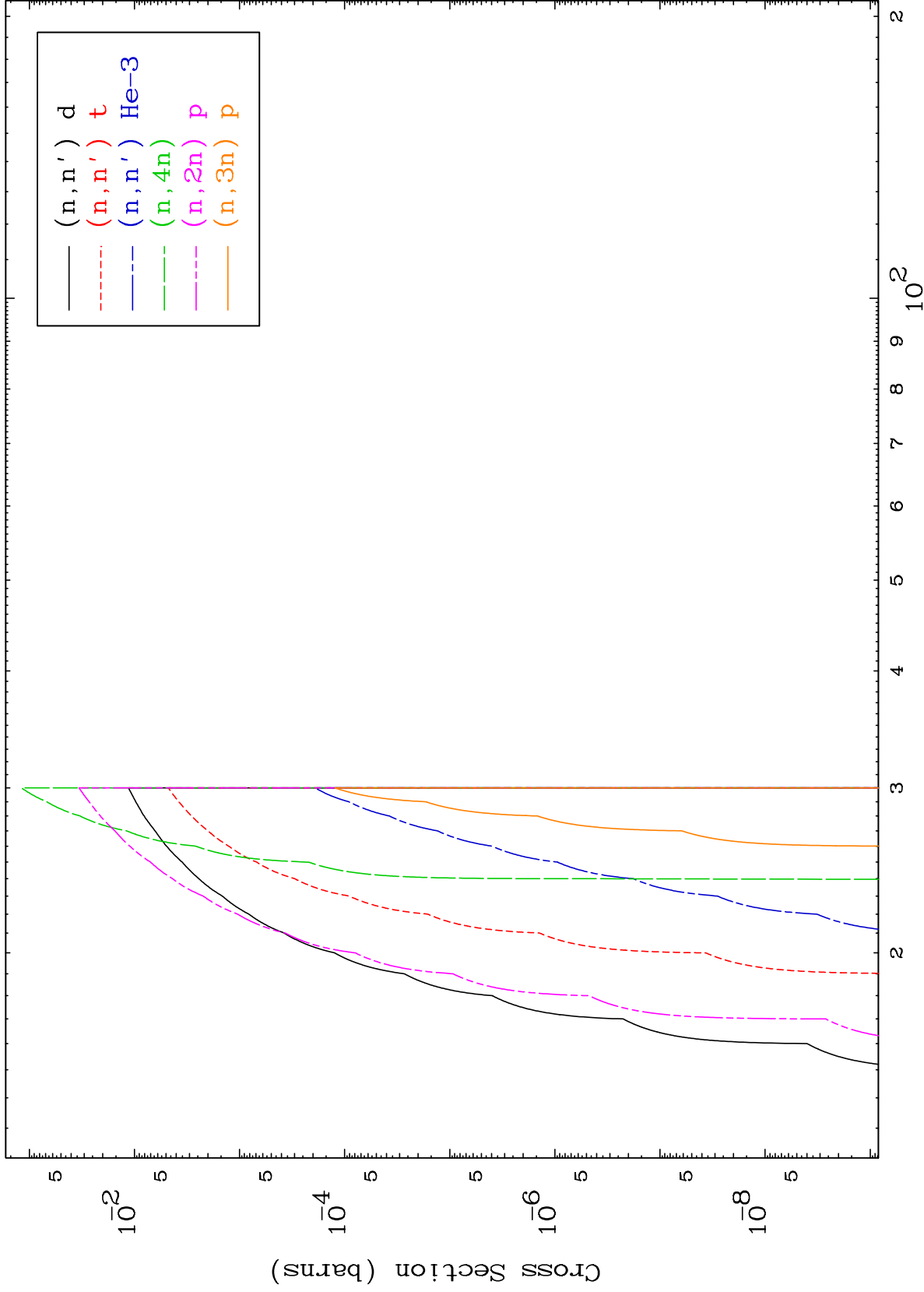
Neutron Production
293 Kelvin Cross Sections

52-Te-123



2

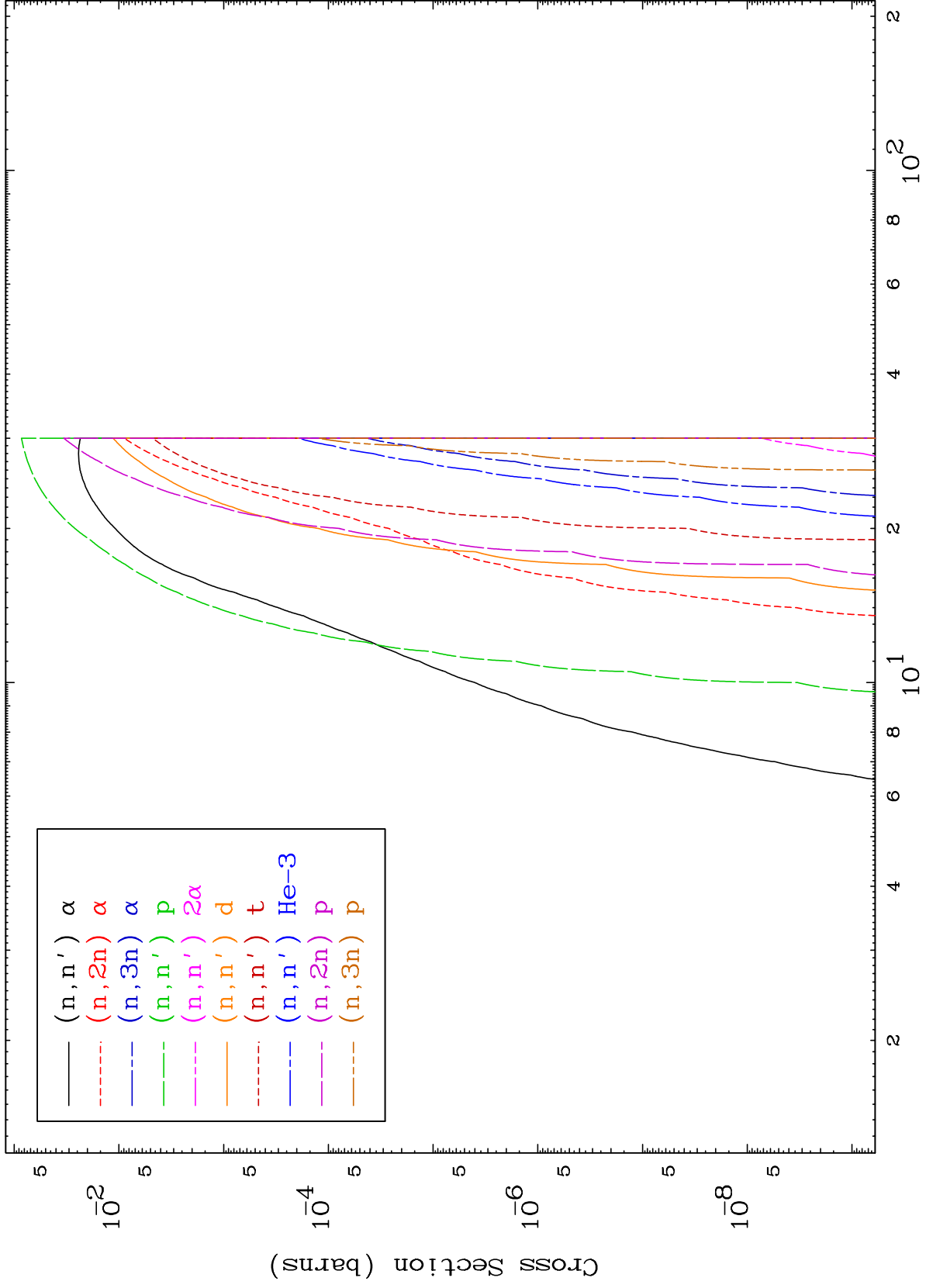
52-Te-123



MAT 5235

Charged Particle
293 Kelvin Cross Sections

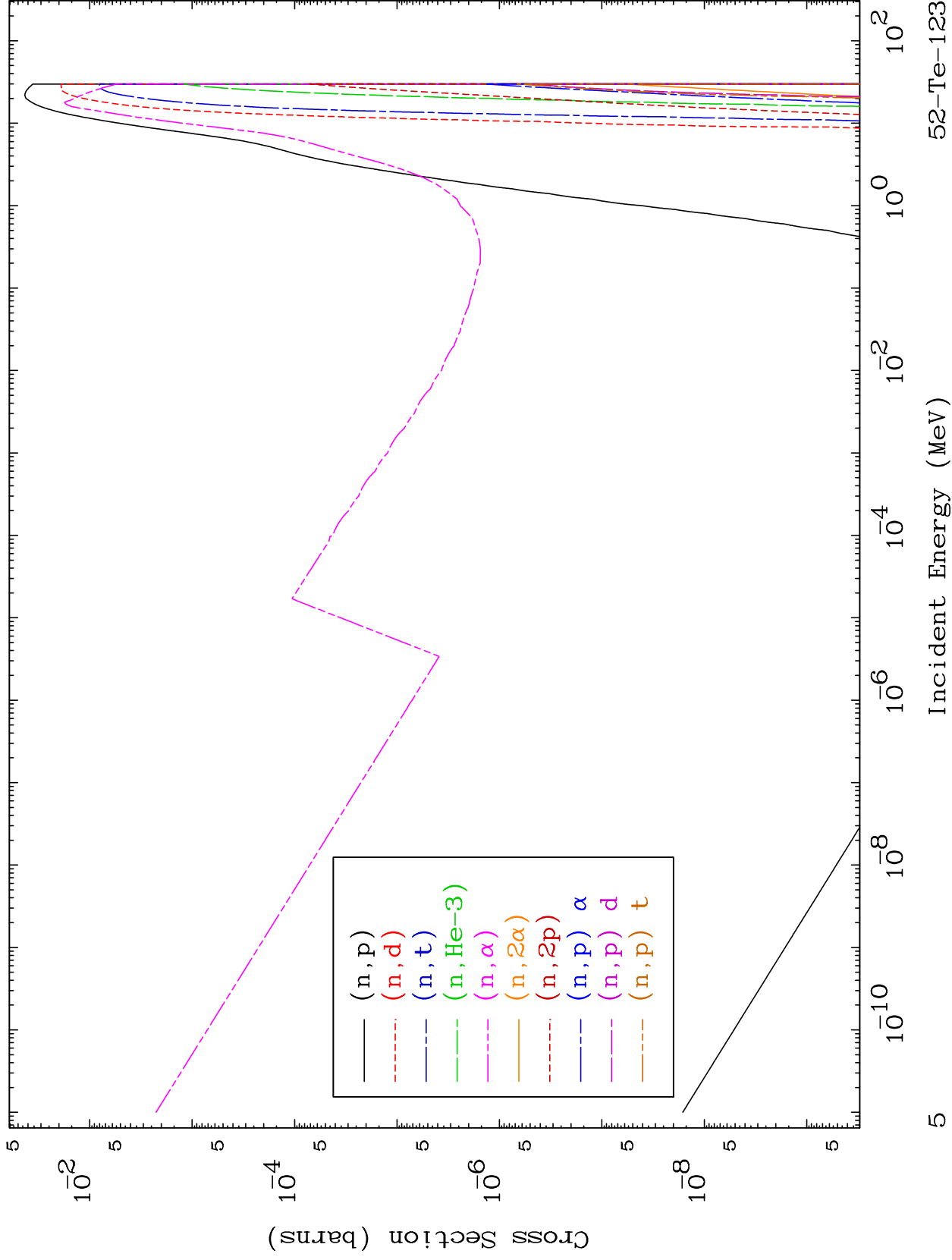
52-Te-123



MAT 5235

Charged Particle
293 Kelvin Cross Sections

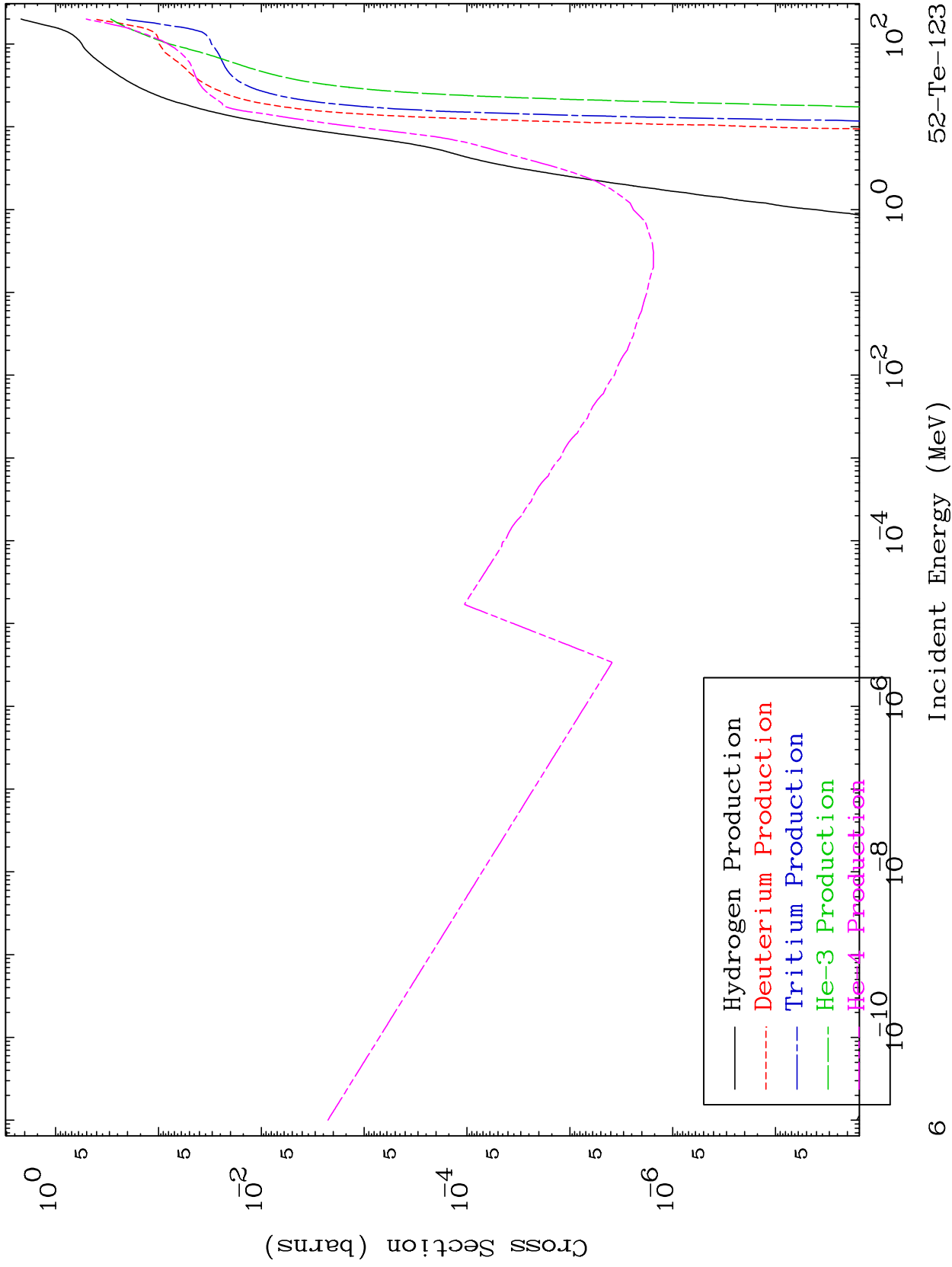
52-Te-123



MAT 5235

Particle Production
293 Kelvin Cross Sections

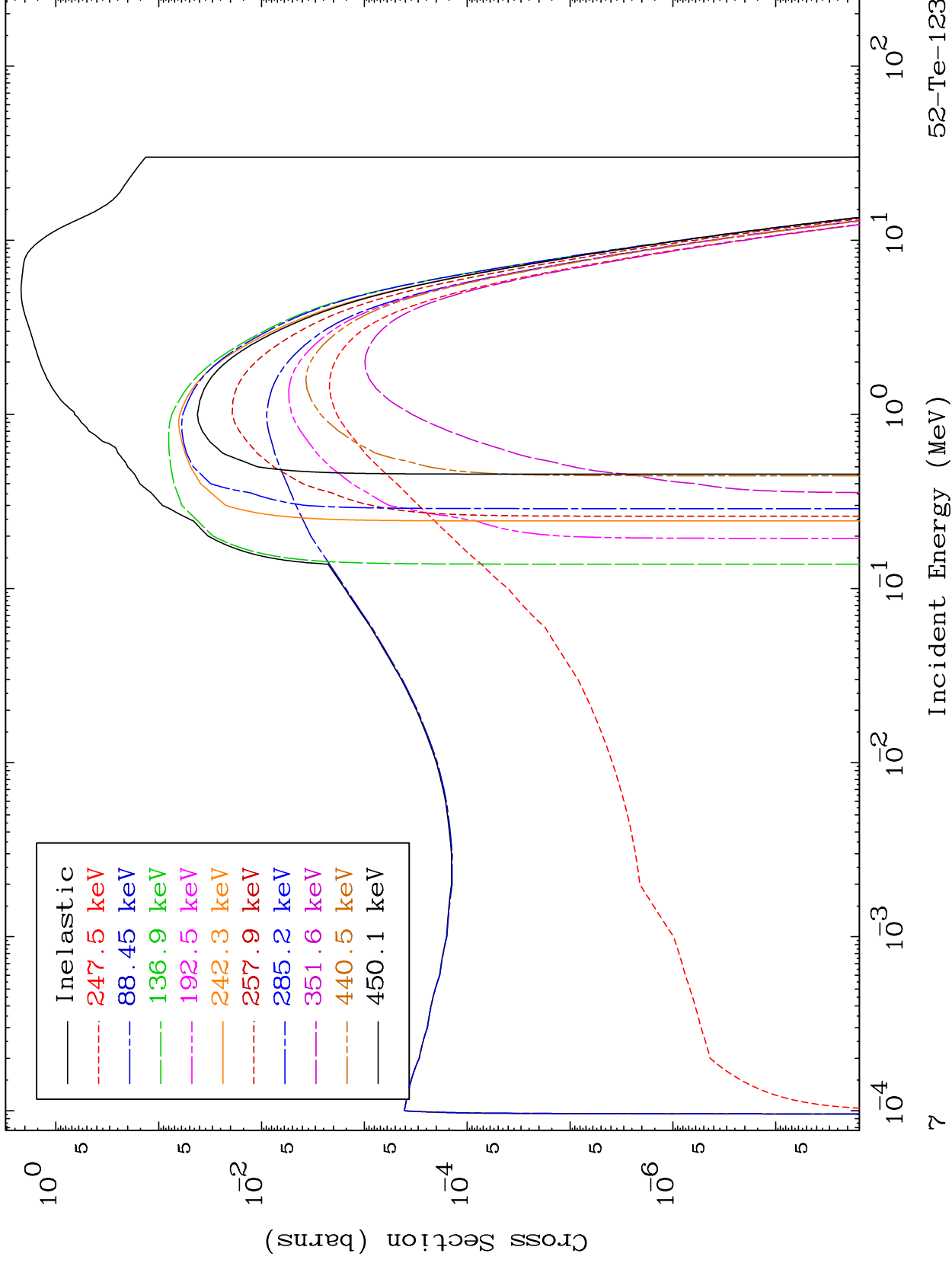
52-Te-123



MAT 5235

(n,n') Level
293 Kelvin Cross Sections

52-Te-123

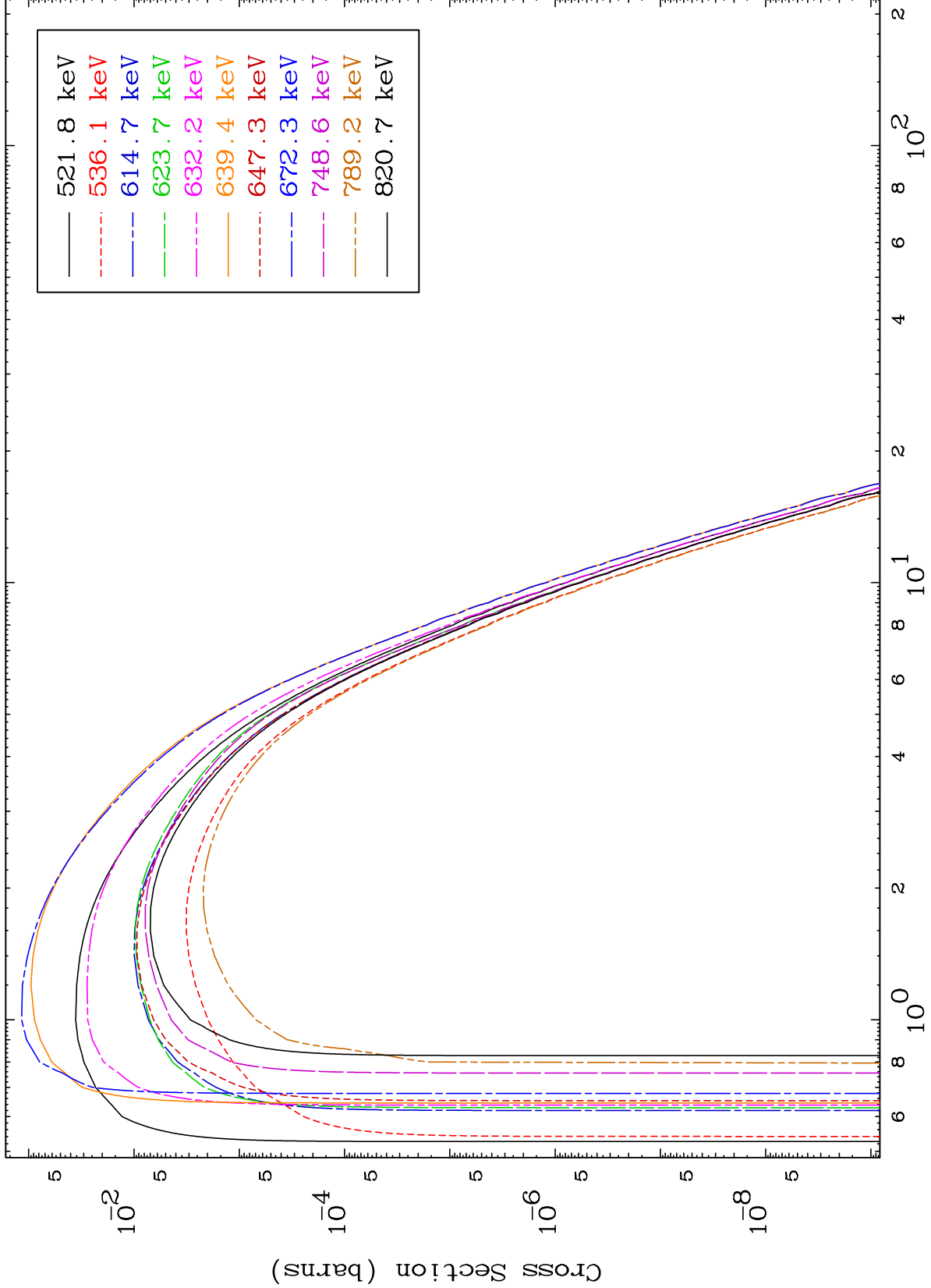


MAT 5235

(n,n') Level

52-Te-123

293 Kelvin Cross Sections



8

Incident Energy (MeV)

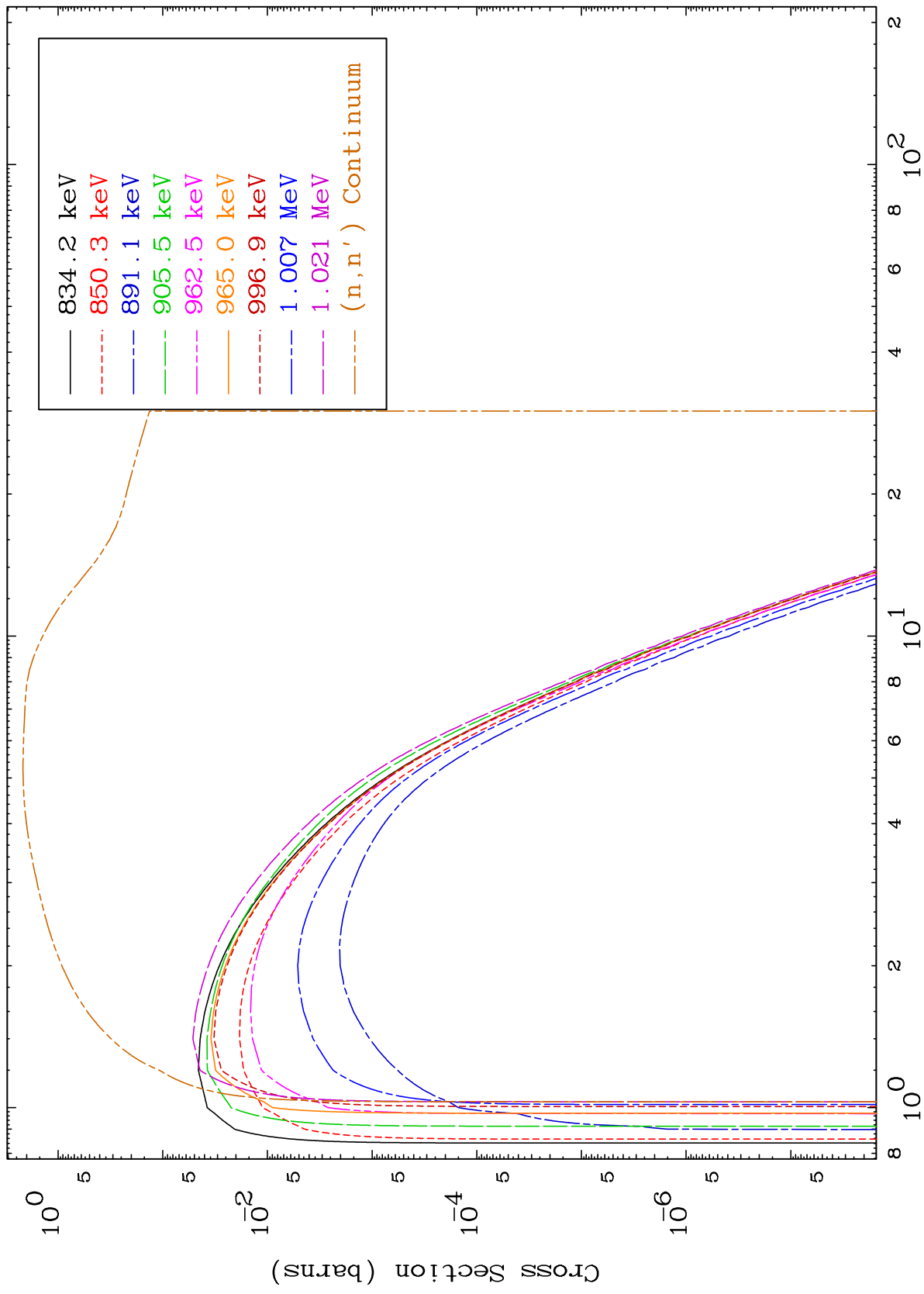
52-Te-123

MAT 5235

(n,n') Level

52-Te-123

293 Kelvin Cross Sections



9

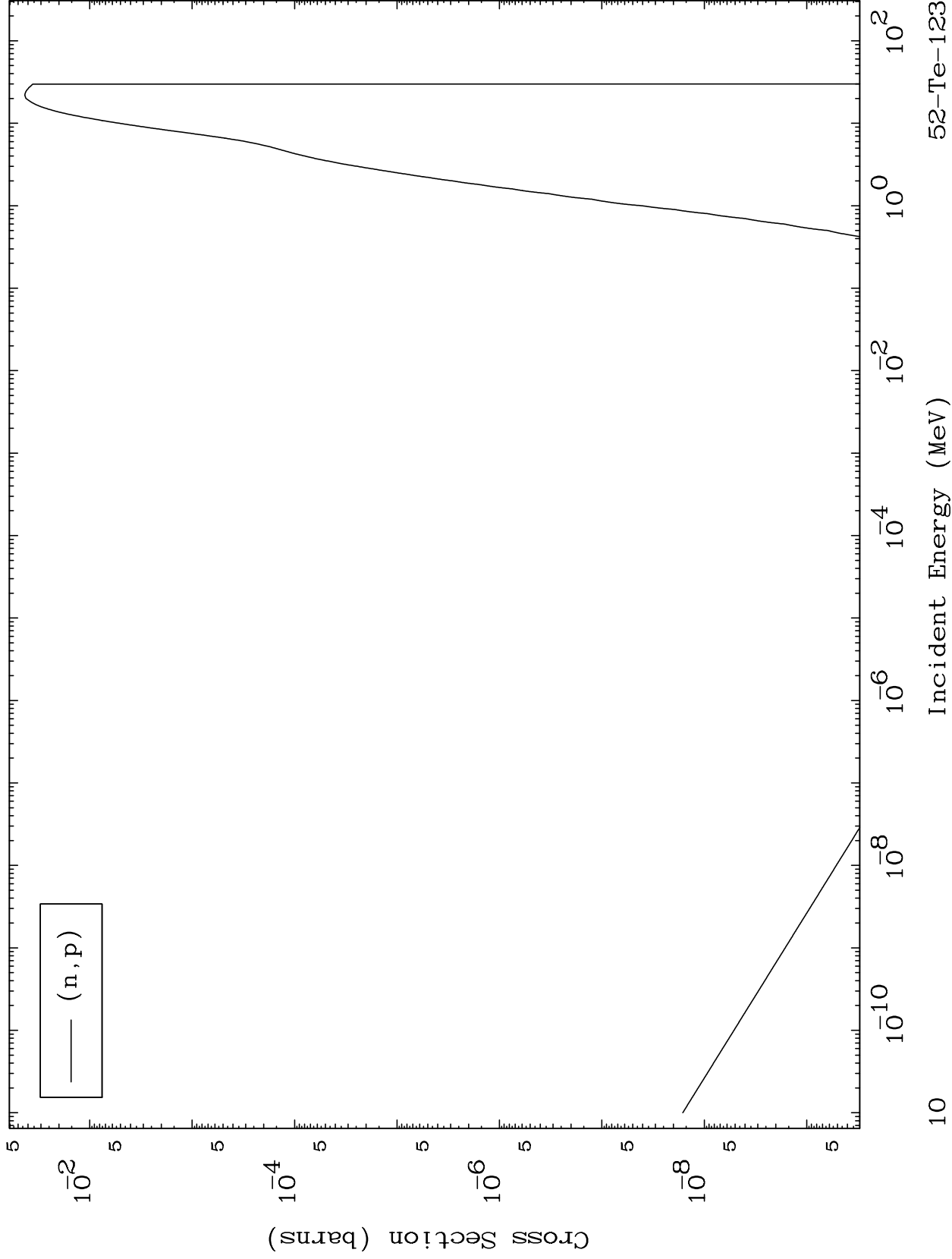
Incident Energy (MeV)

52-Te-123

MAT 5235

(n,p) Levels
293 Kelvin Cross Sections

52-Te-123



10

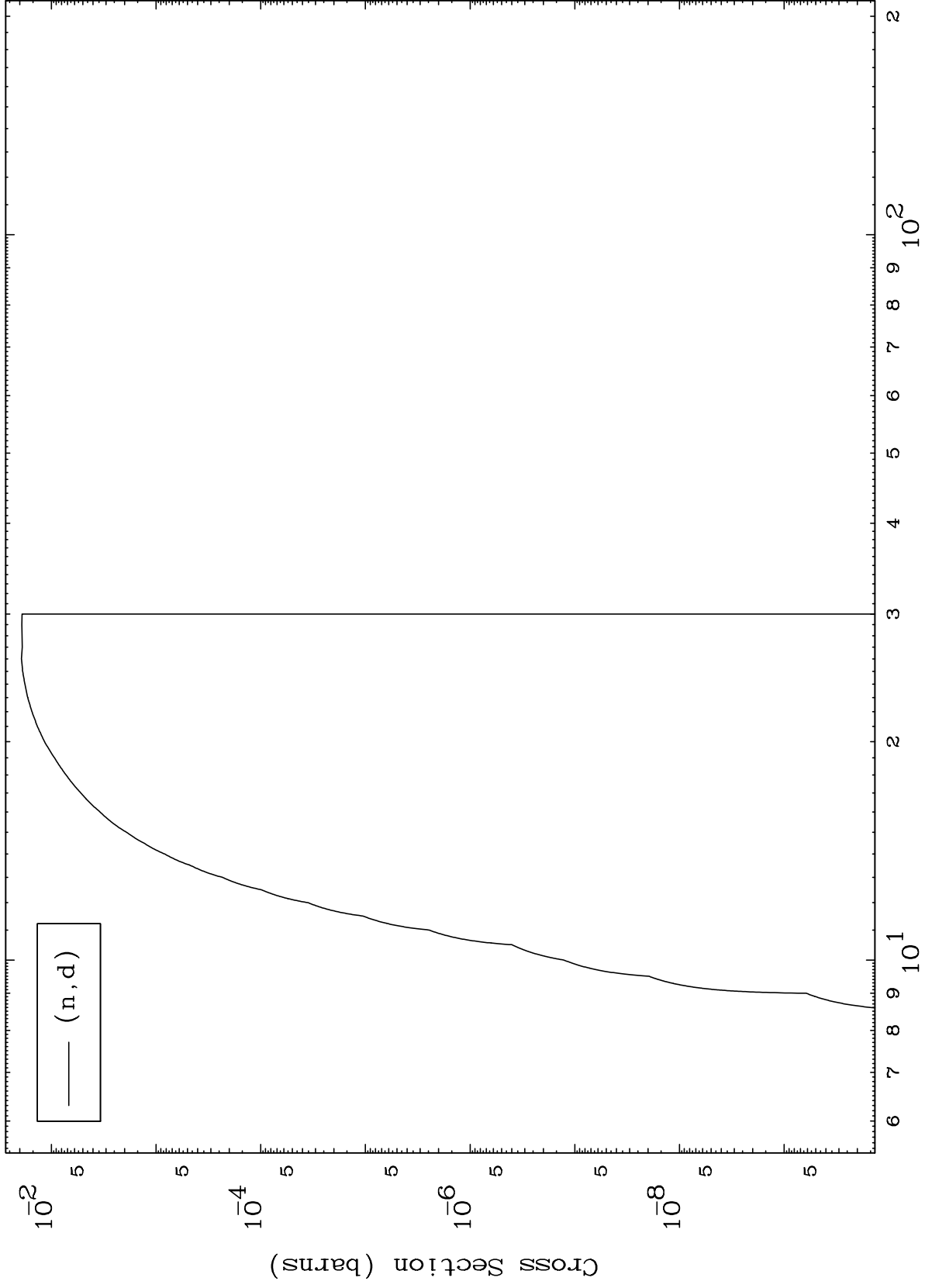
Incident Energy (MeV)

52-Te-123

MAT 5235

(n,d) Levels
293 Kelvin Cross Sections

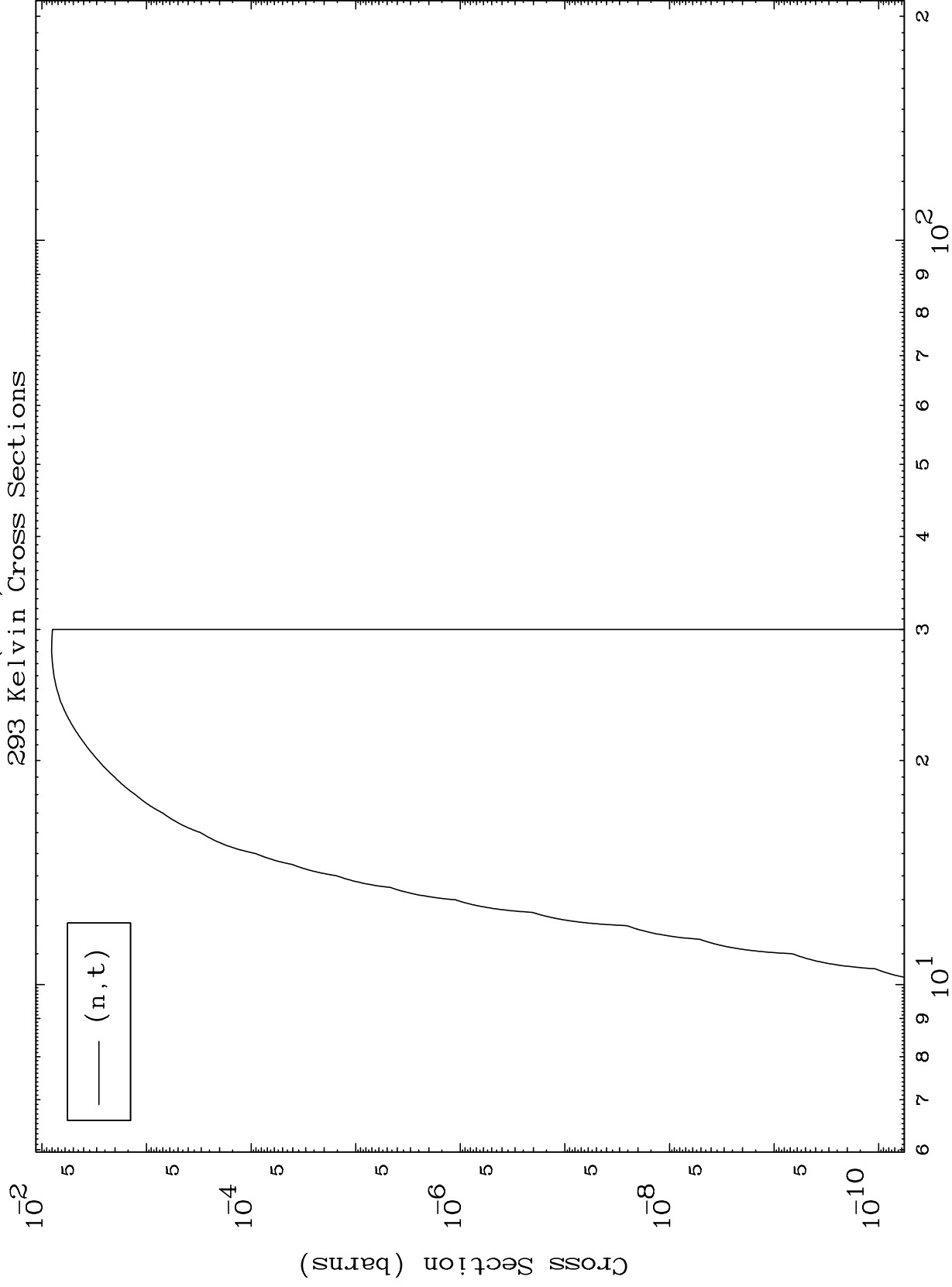
52-Te-123



MAT 5235

(n,t) Levels
293 Kelvin Cross Sections

52-Te-123



12

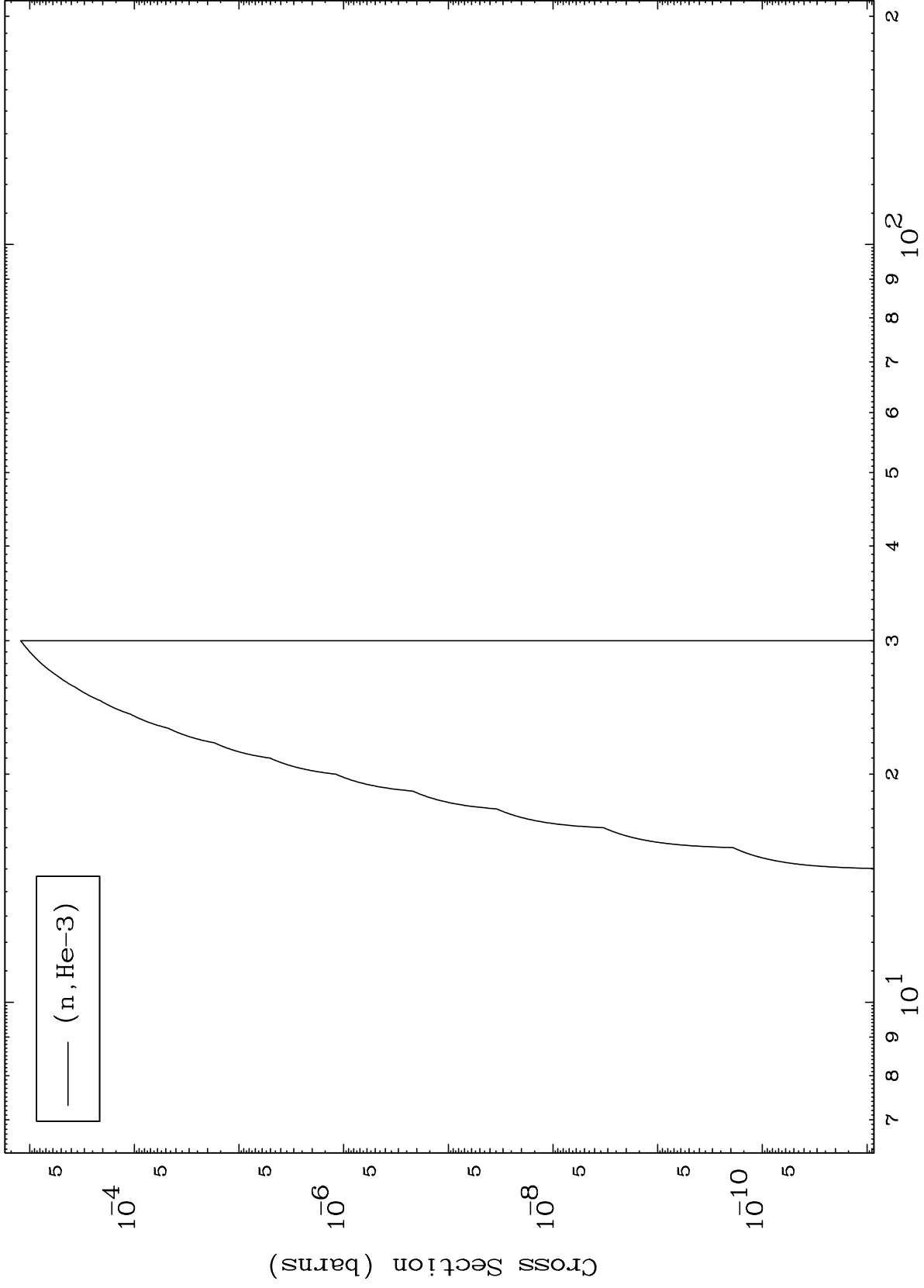
Incident Energy (MeV)

52-Te-123

MAT 5235

(n,He3) Levels
293 Kelvin Cross Sections

52-Te-123



13

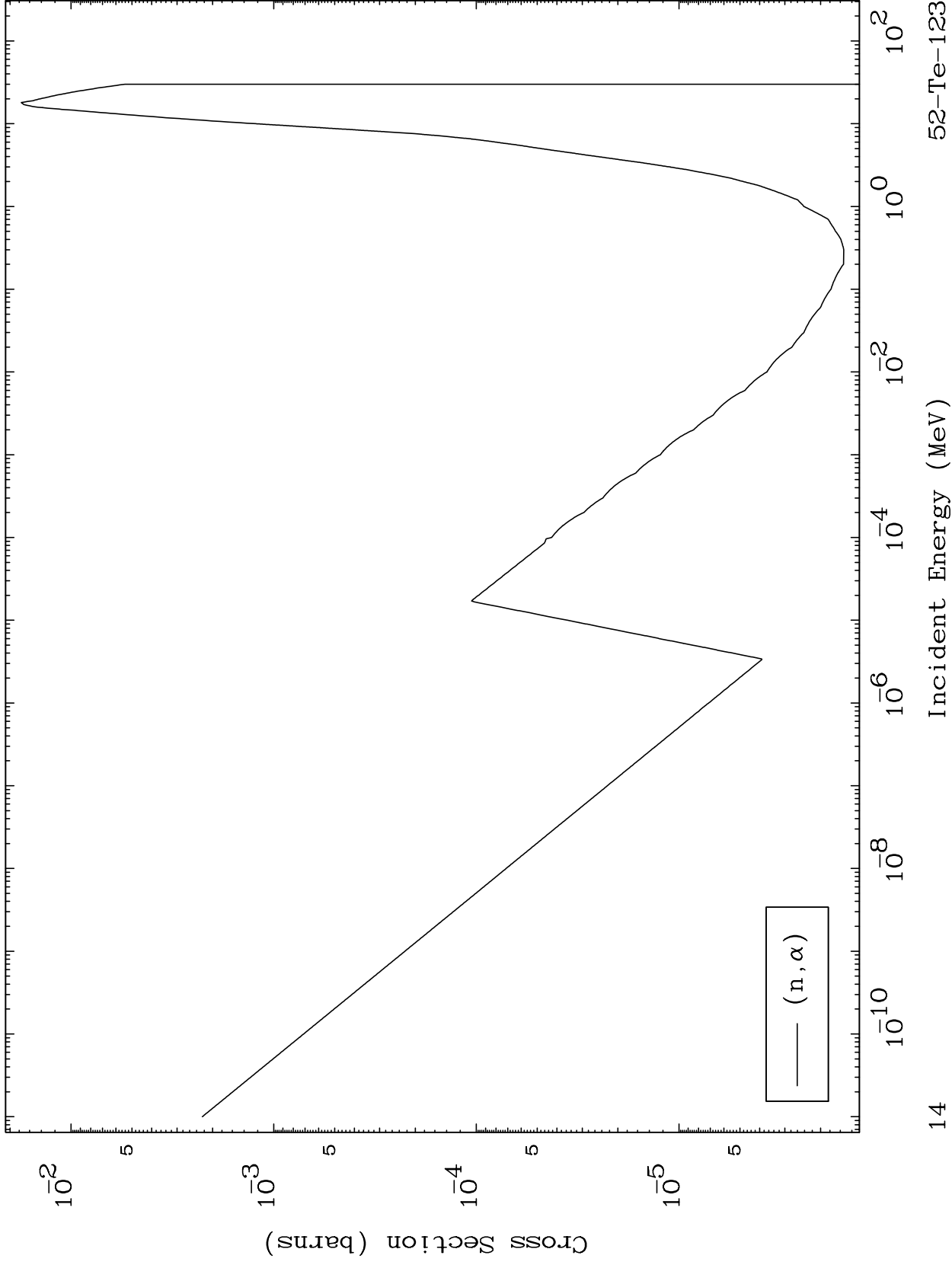
Incident Energy (MeV)

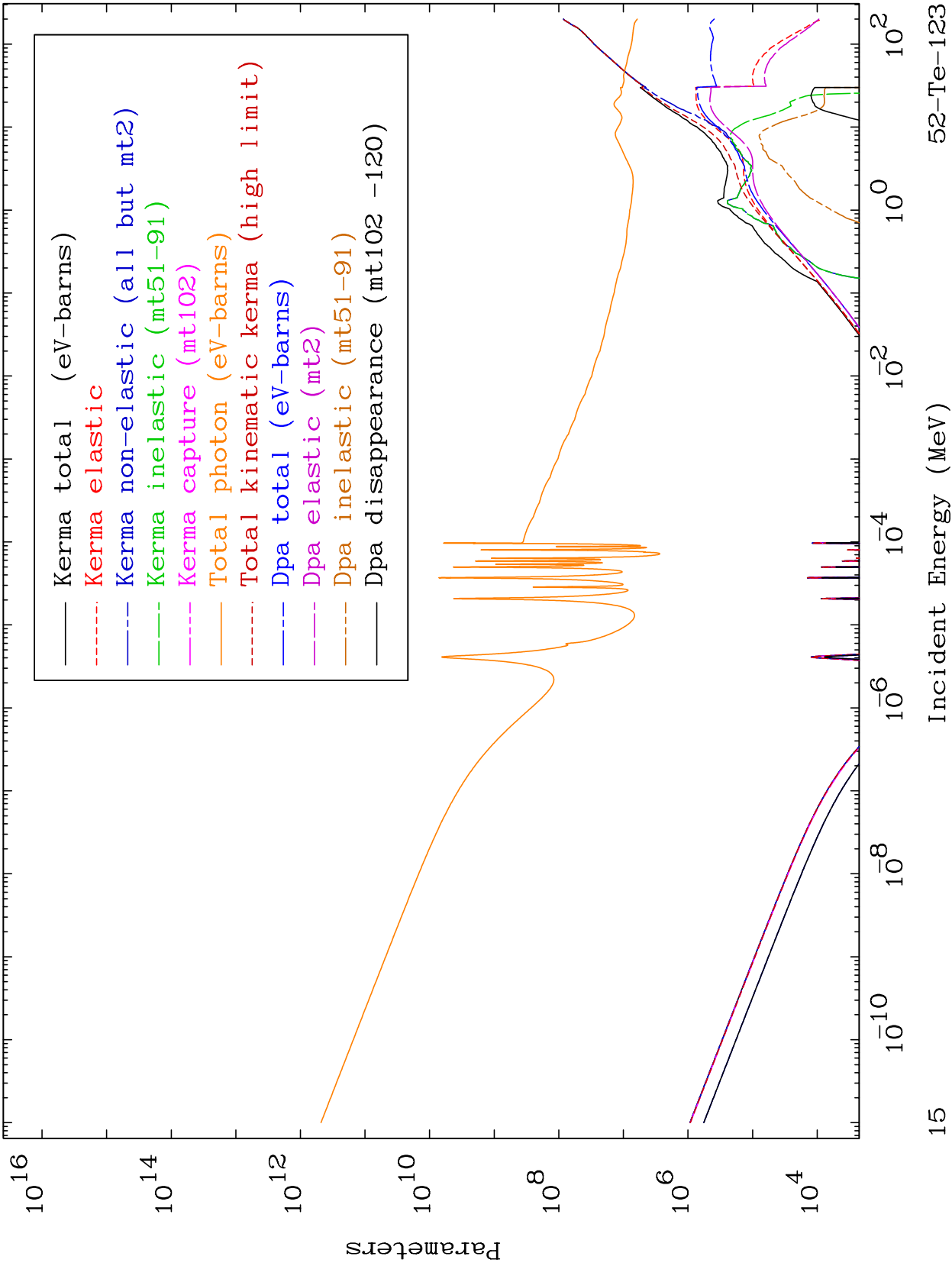
52-Te-123

MAT 5235

(n, α) Levels
293 Kelvin Cross Sections

52-Te-123

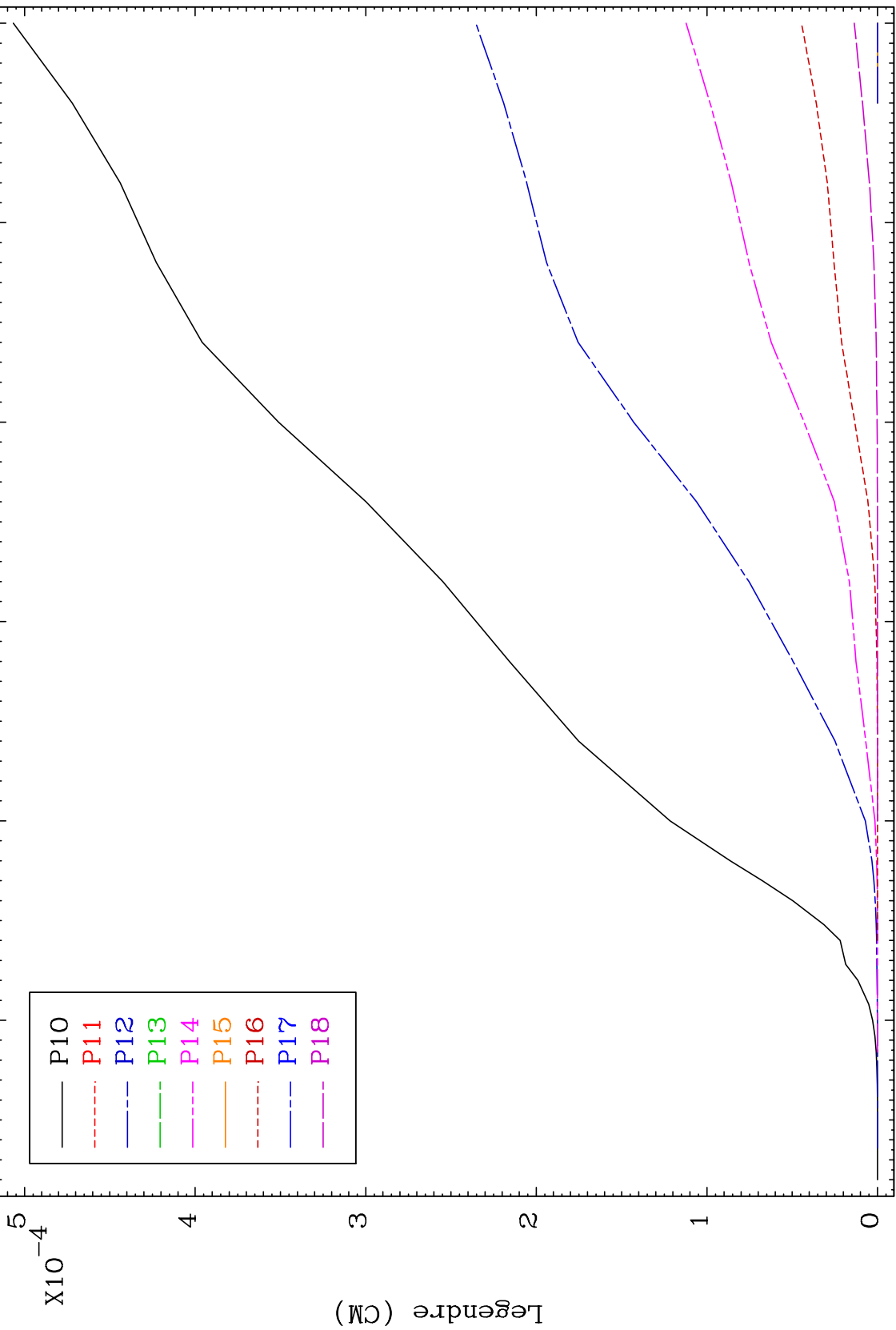




MAT 5235

Elastic Legendre Coefficients

52-Te-123



17

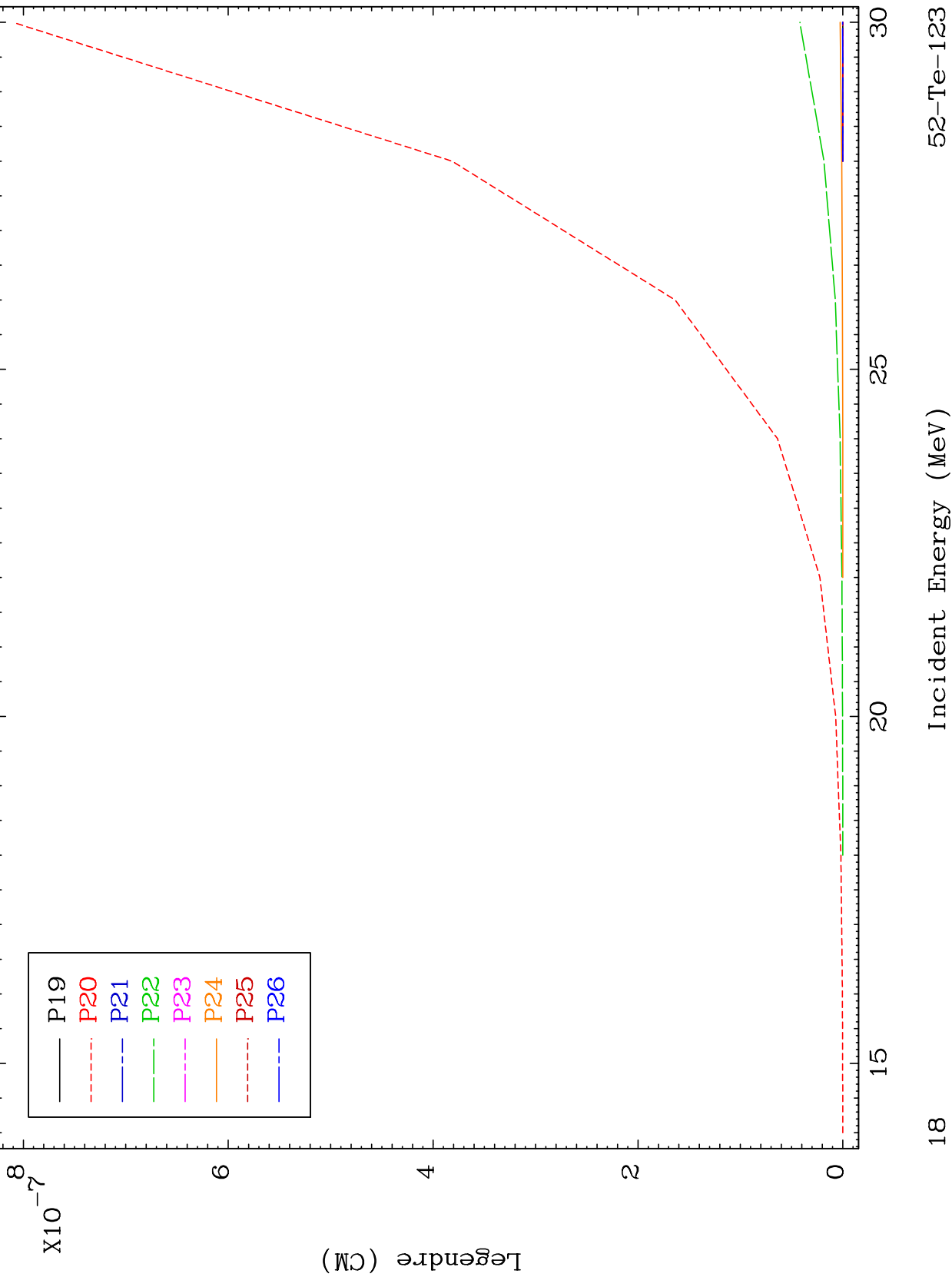
Incident Energy (MeV)

52-Te-123

MAT 5235

Elastic Legendre Coefficients

52-Te-123



18

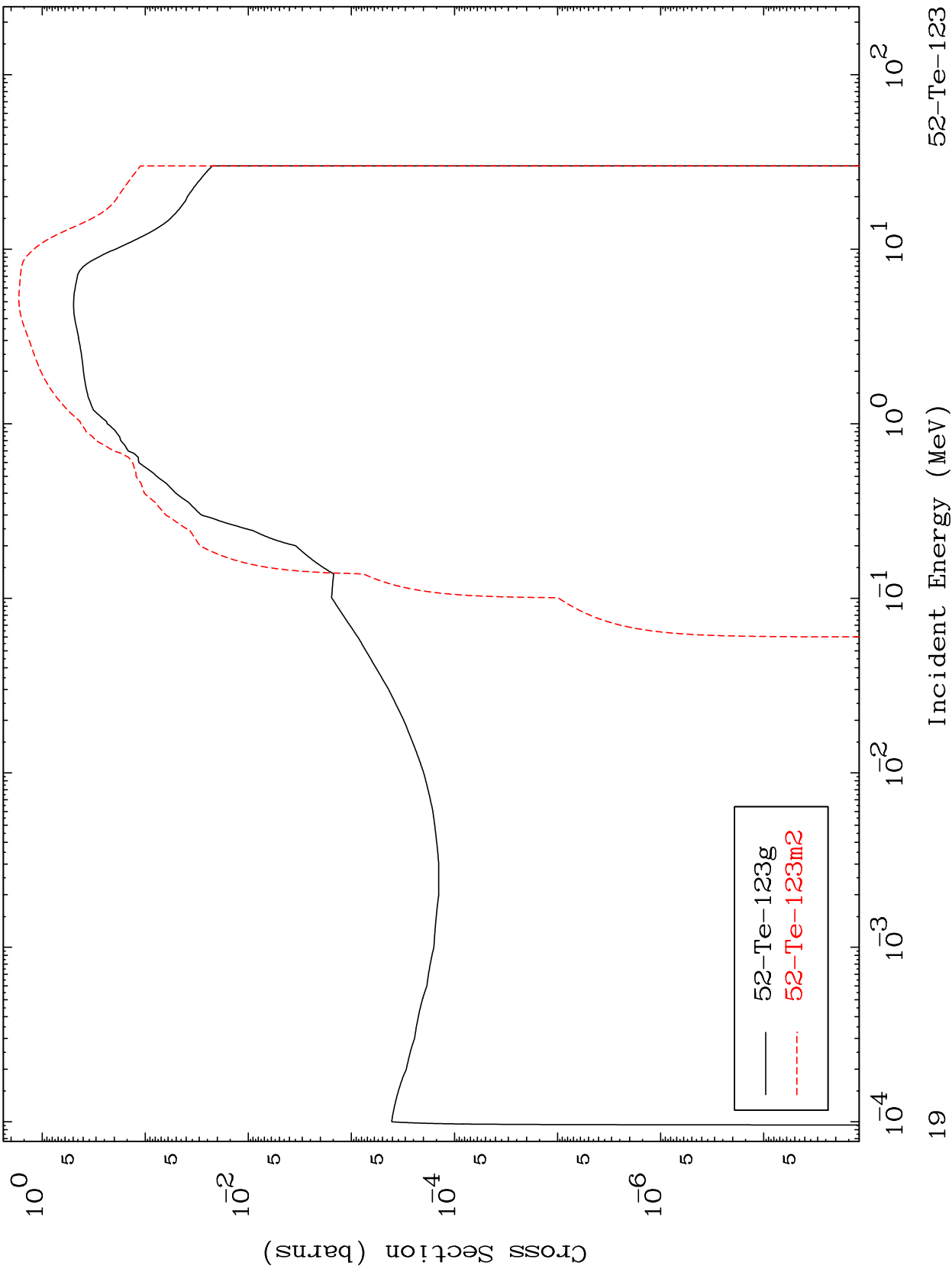
Incident Energy (MeV)

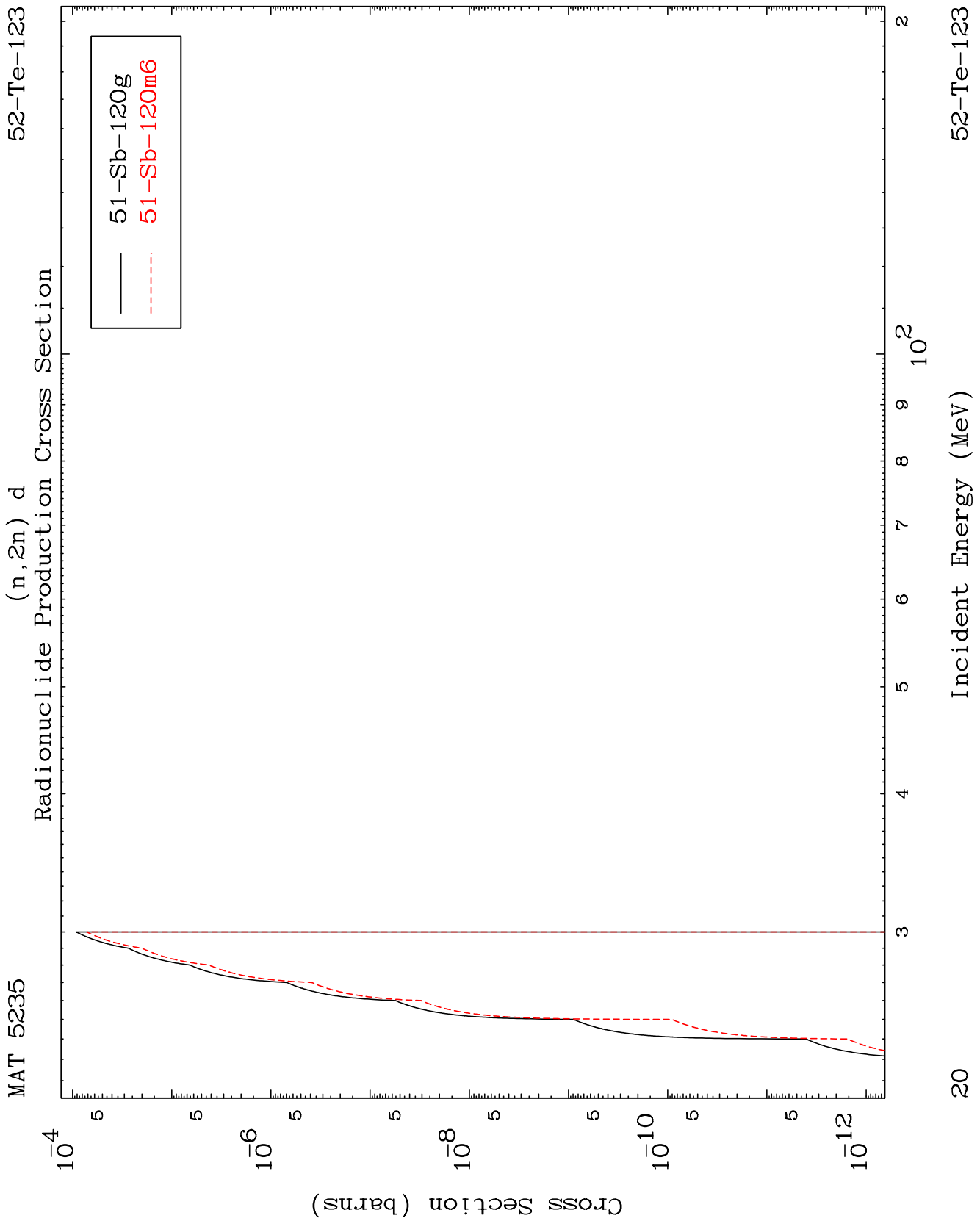
52-Te-123

MAT 5235

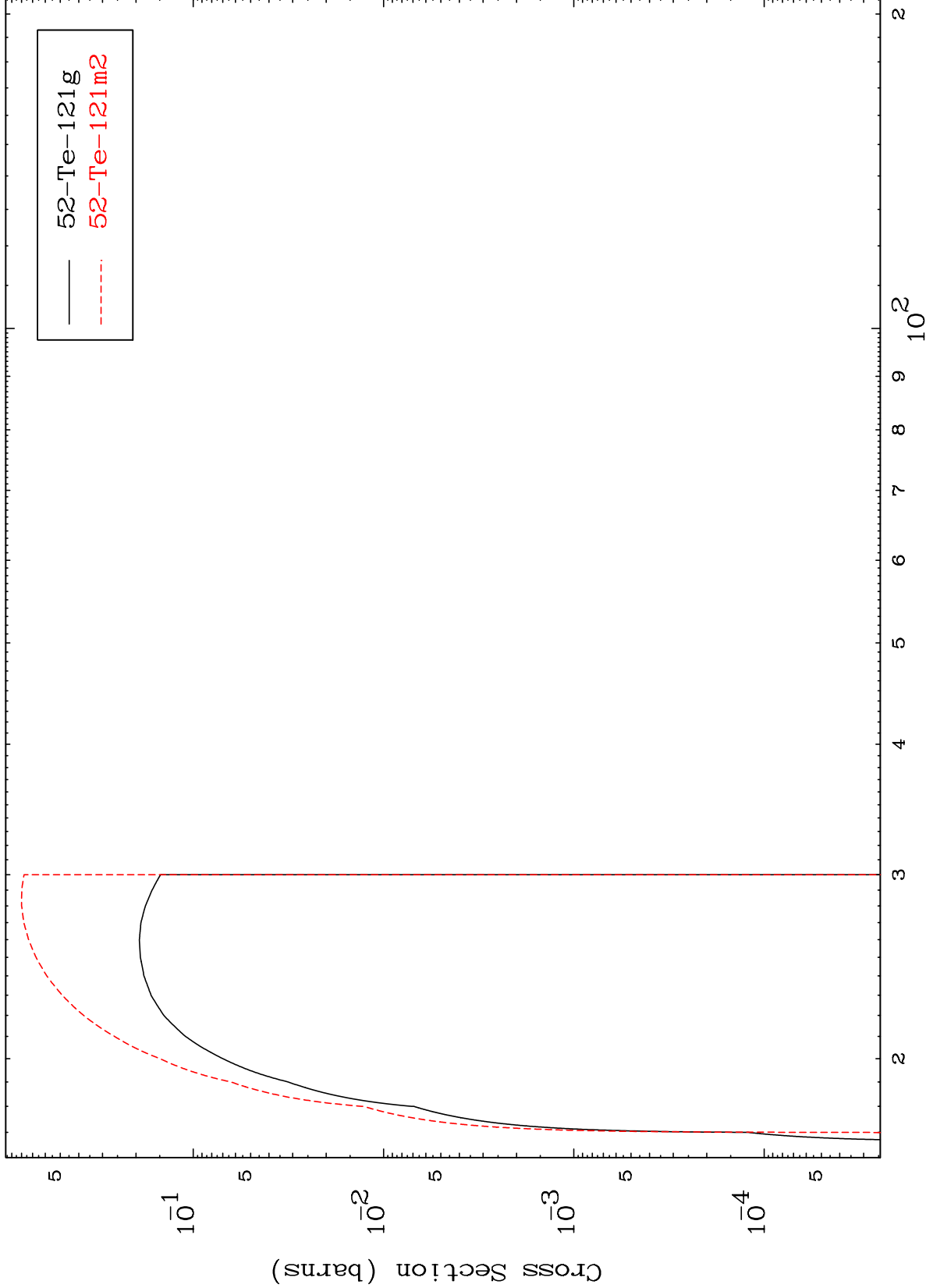
52-Te-123

Inelastic
Radionuclide Production Cross Section





Radionuclide Production Cross Section

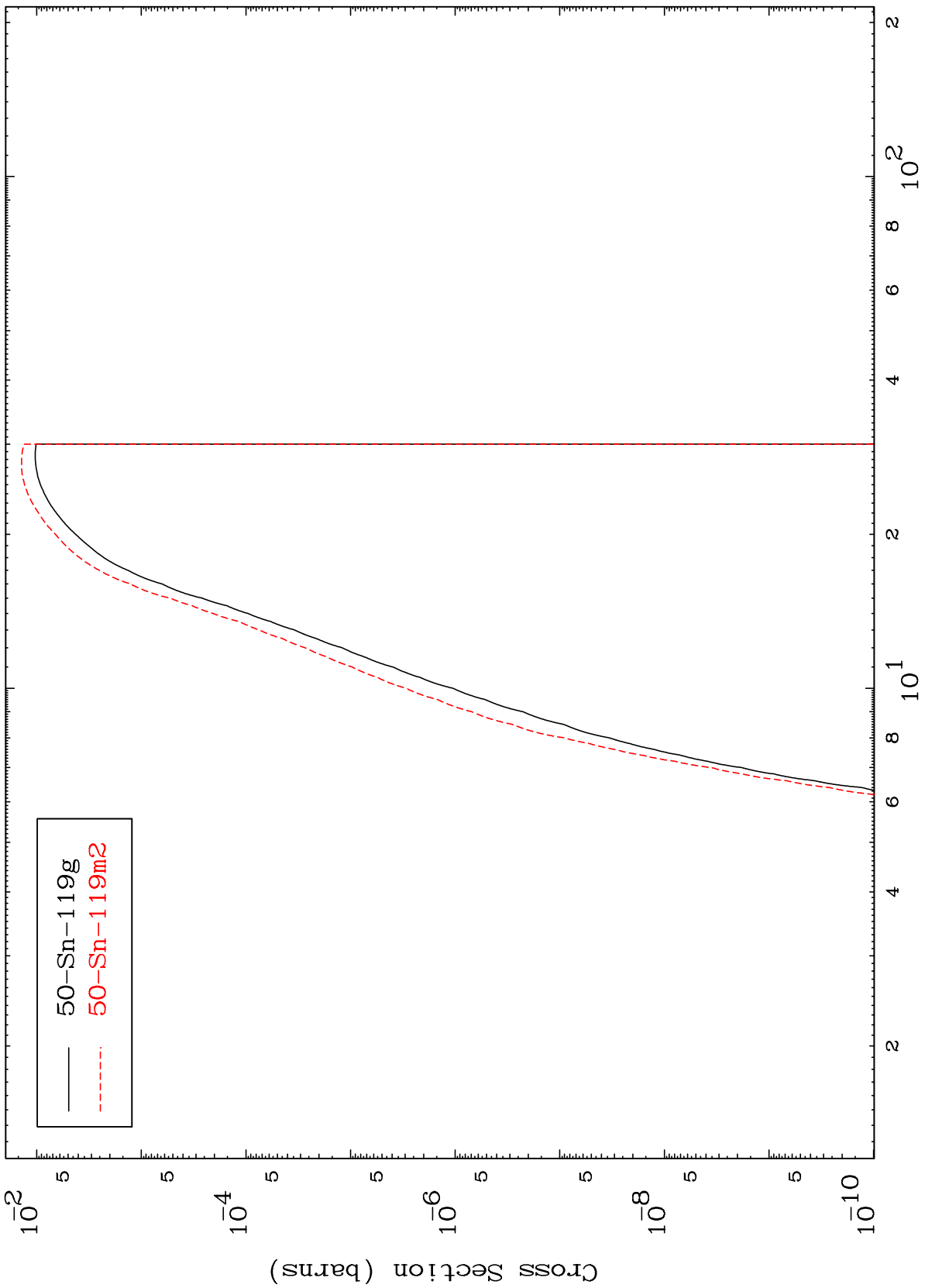


MAT 5235

(n,n') α

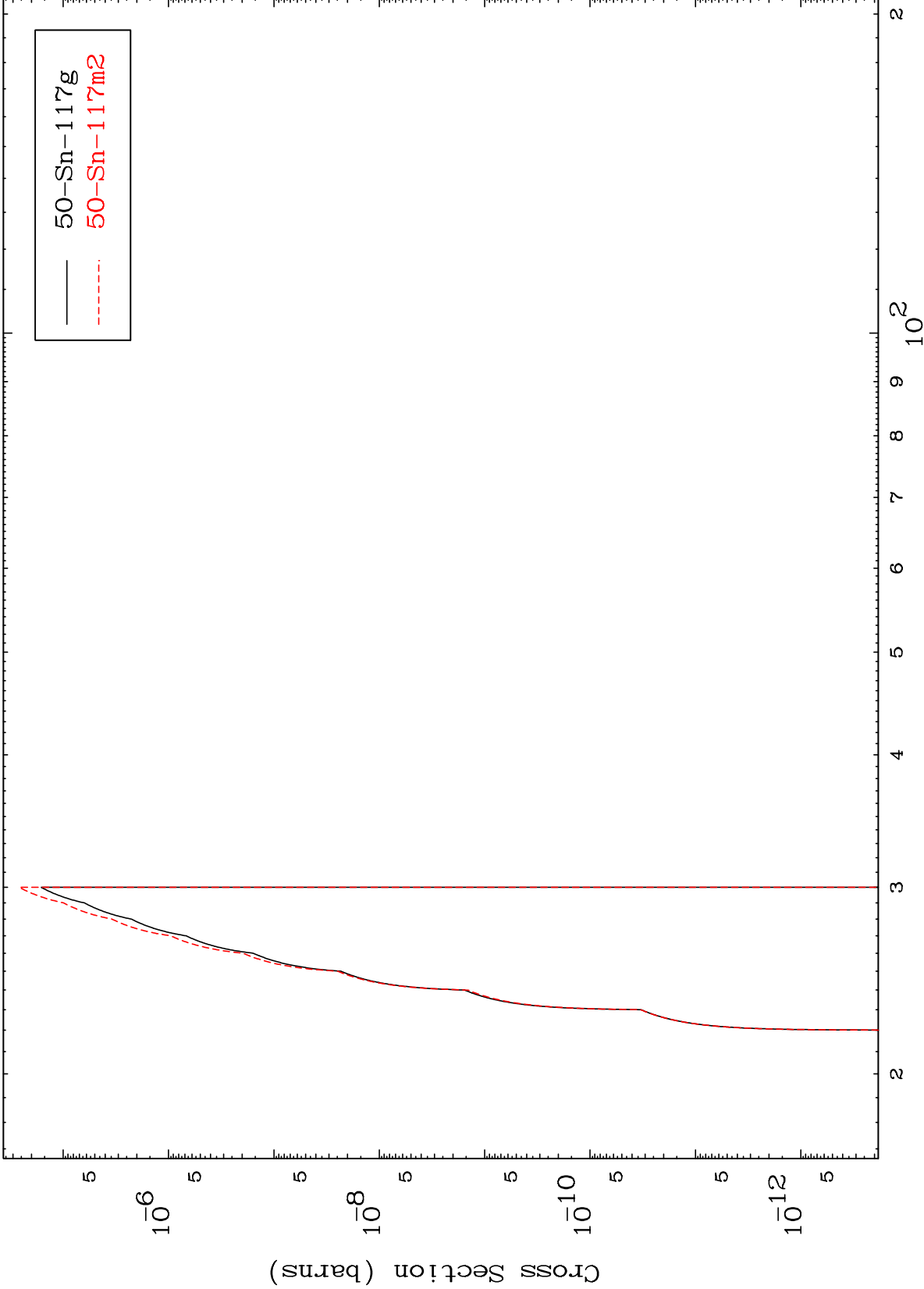
52-Te-123

Radionuclide Production Cross Section



50-Sn-119g
50-Sn-119m2

Radionuclide Production Cross Section

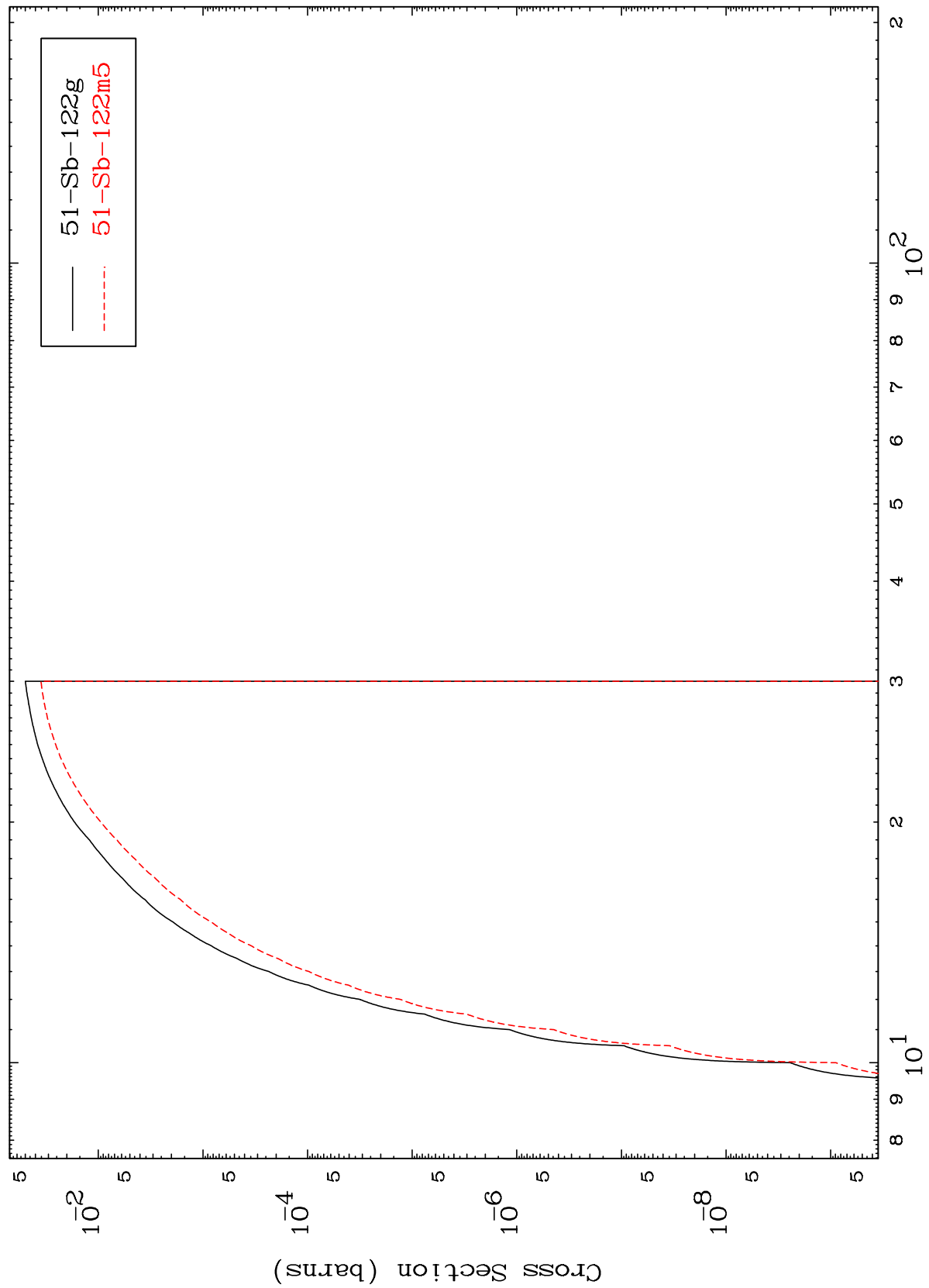


MAT 5235

(n,n') p

52-Te-123

Radionuclide Production Cross Section



24

Incident Energy (MeV)

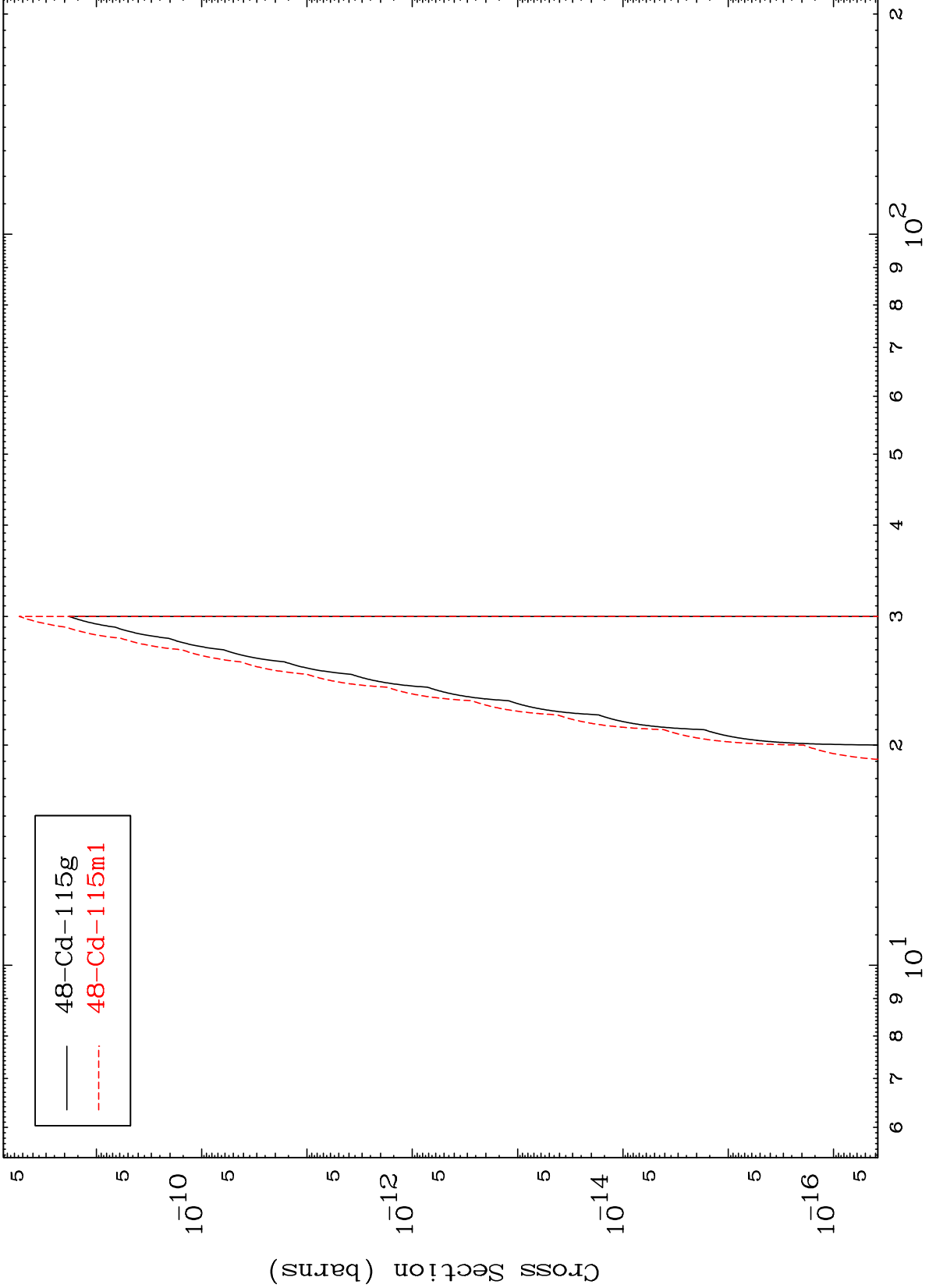
52-Te-123

MAT 5235

(n,n') 2α

52-Te-123

Radionuclide Production Cross Section



48-Cd-115g
48-Cd-115m1

25

Incident Energy (MeV)

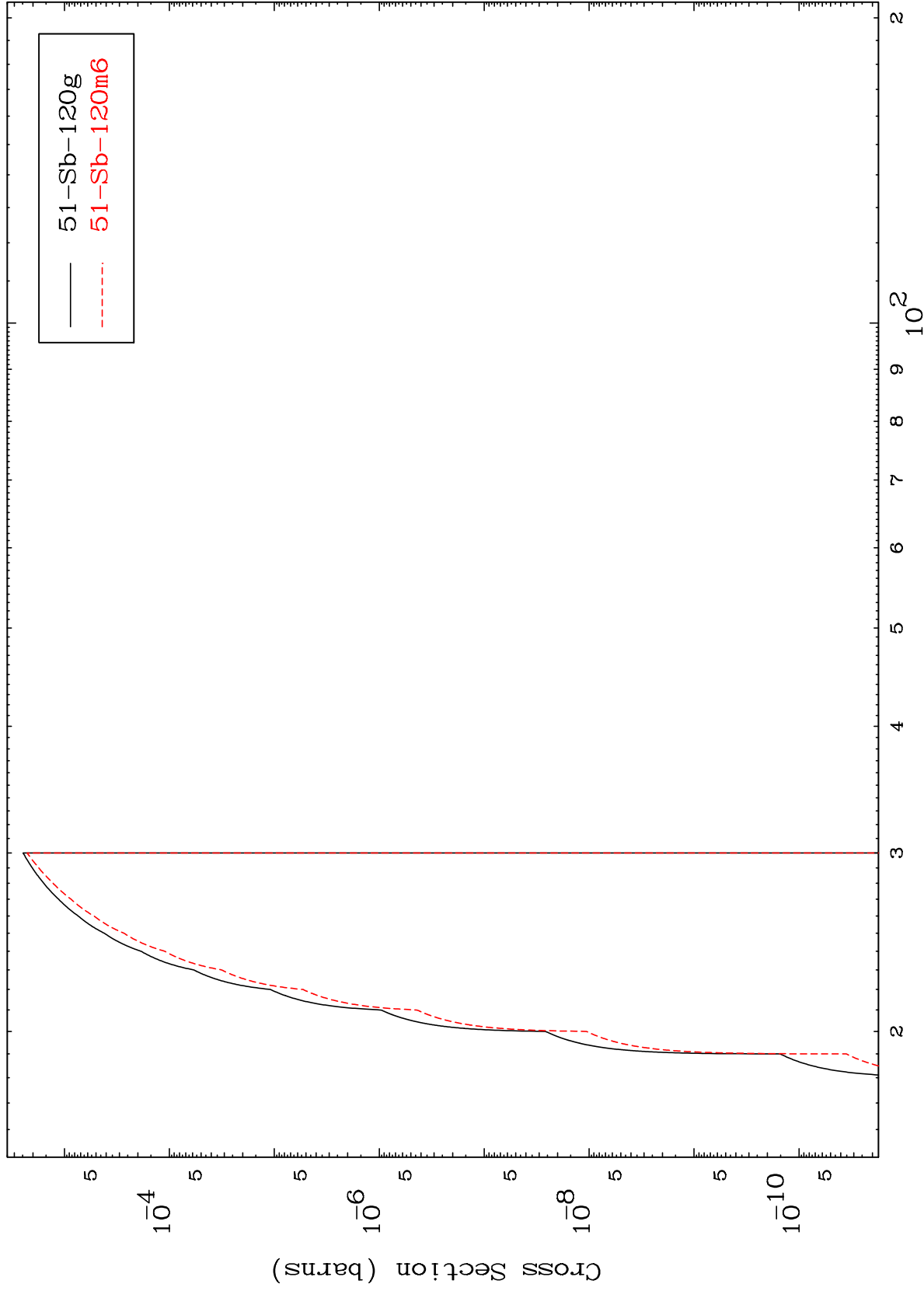
52-Te-123

MAT 5235

(n,n') t

52-Te-123

Radionuclide Production Cross Section



26

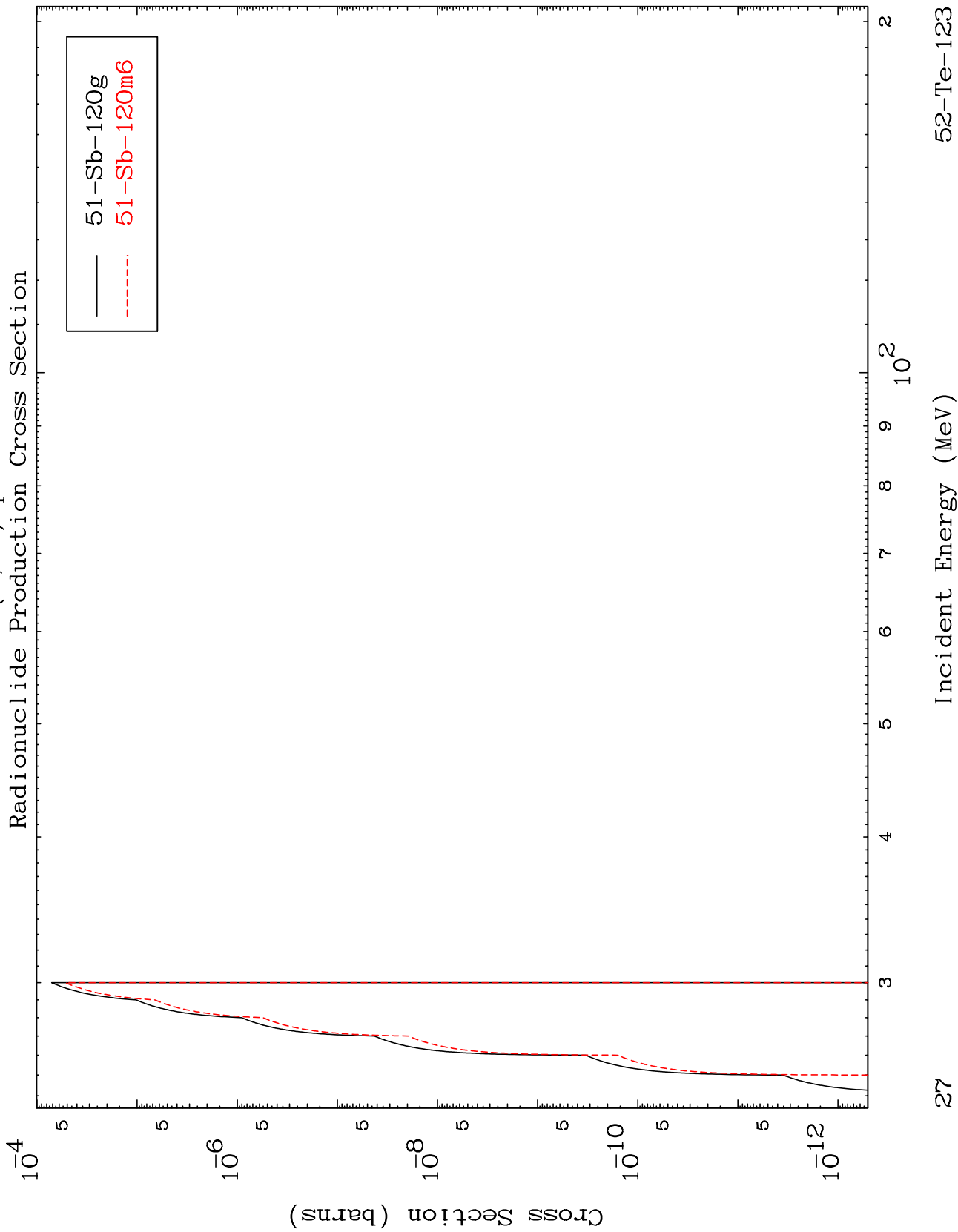
Incident Energy (MeV)

52-Te-123

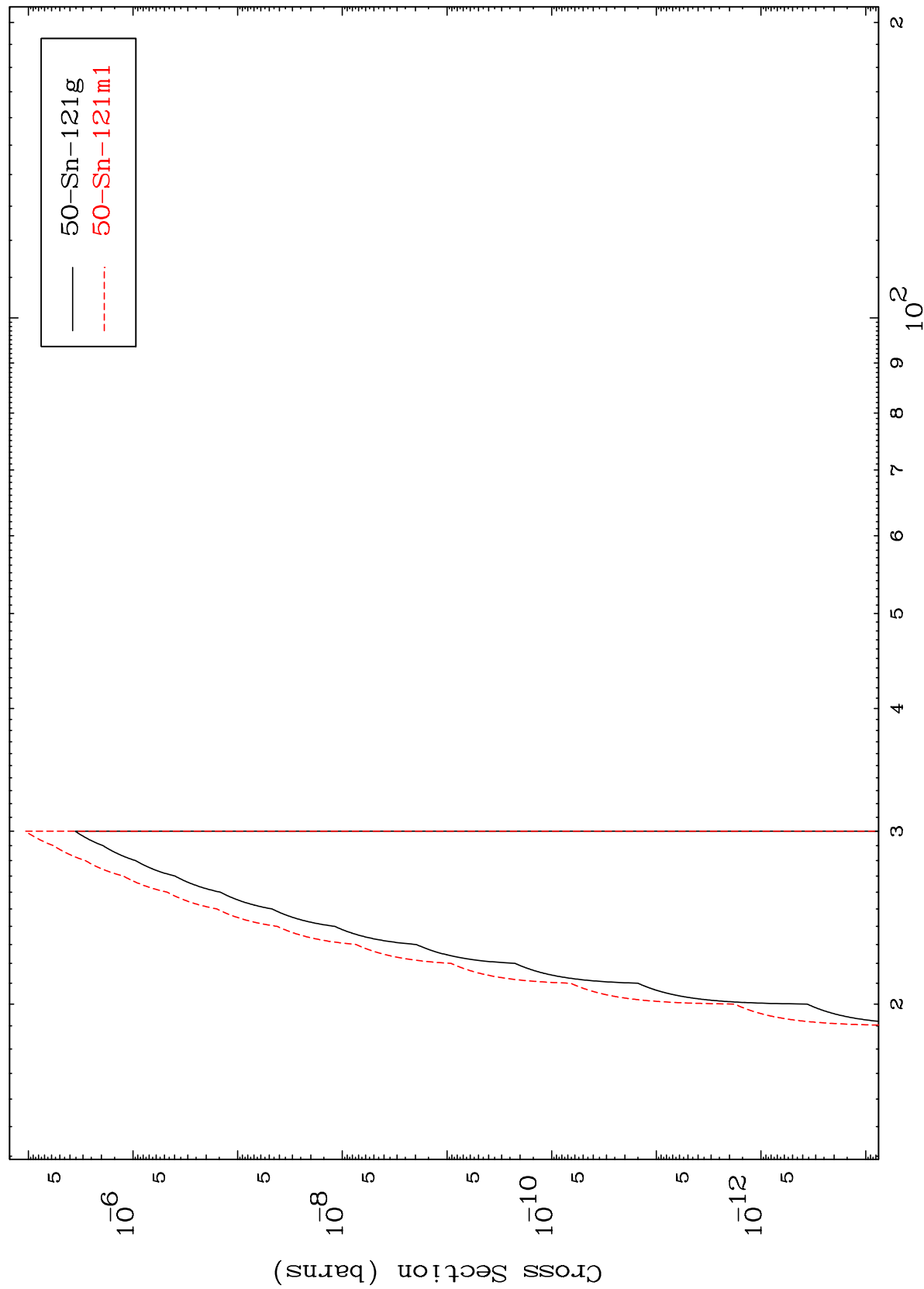
MAT 5235

(n,3n) p

52-Te-123

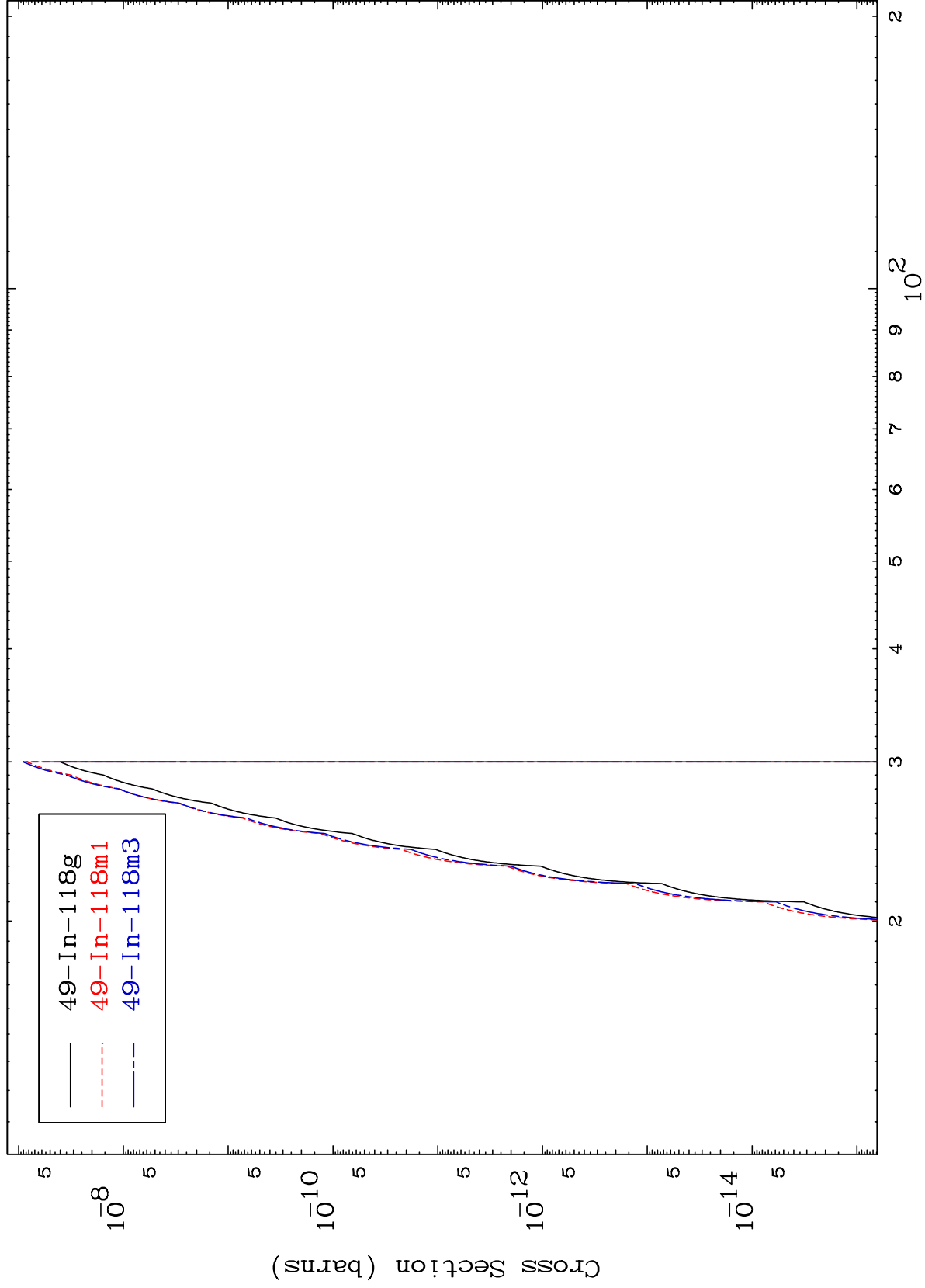


Radionuclide Production Cross Section



50-Sn-121g
50-Sn-121m1

Radionuclide Production Cross Section

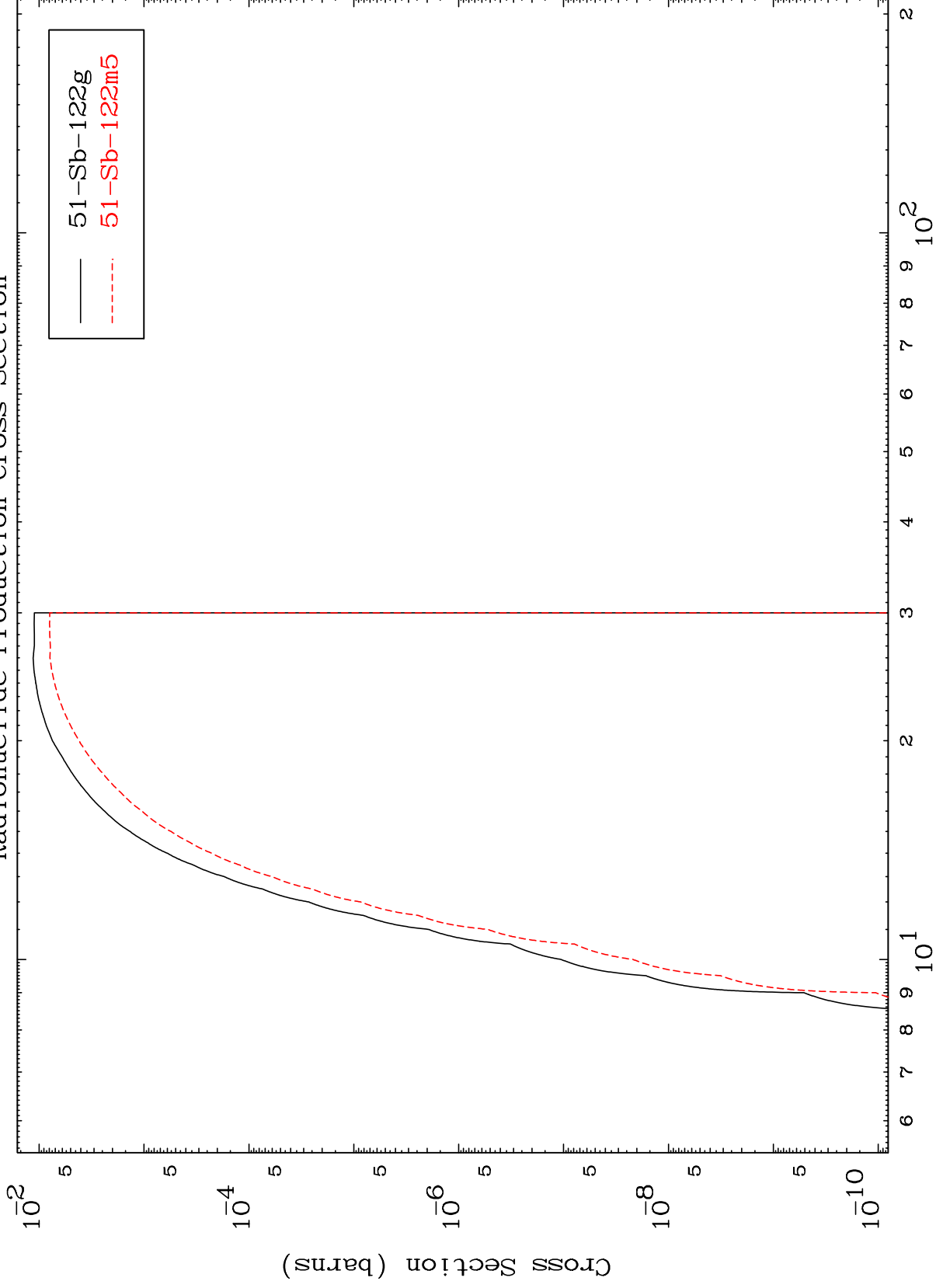


MAT 5235

(n,d)

52-Te-123

Radionuclide Production Cross Section



30

Incident Energy (MeV)

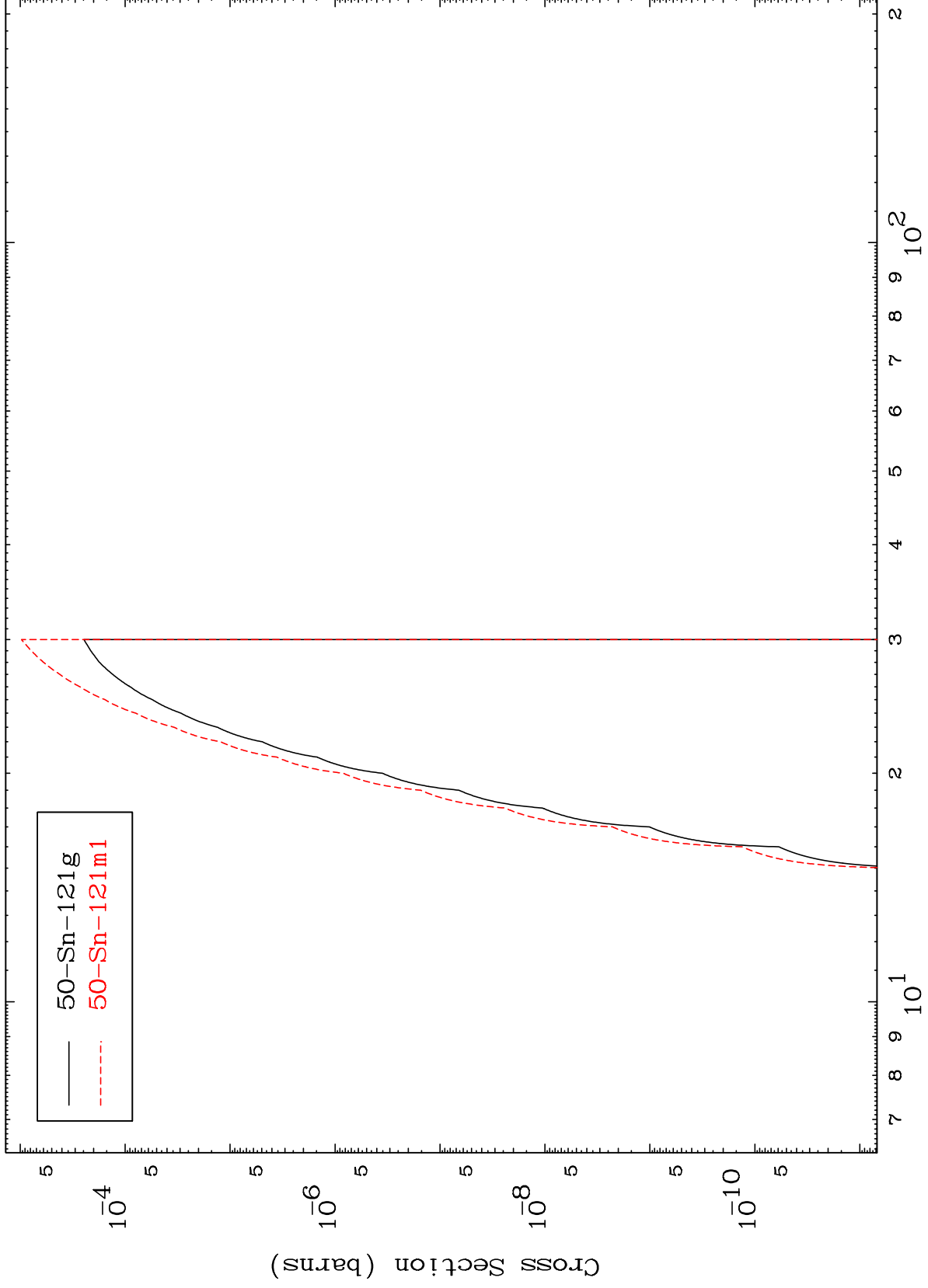
52-Te-123

MAT 5235

(n,He-3)

52-Te-123

Radionuclide Production Cross Section

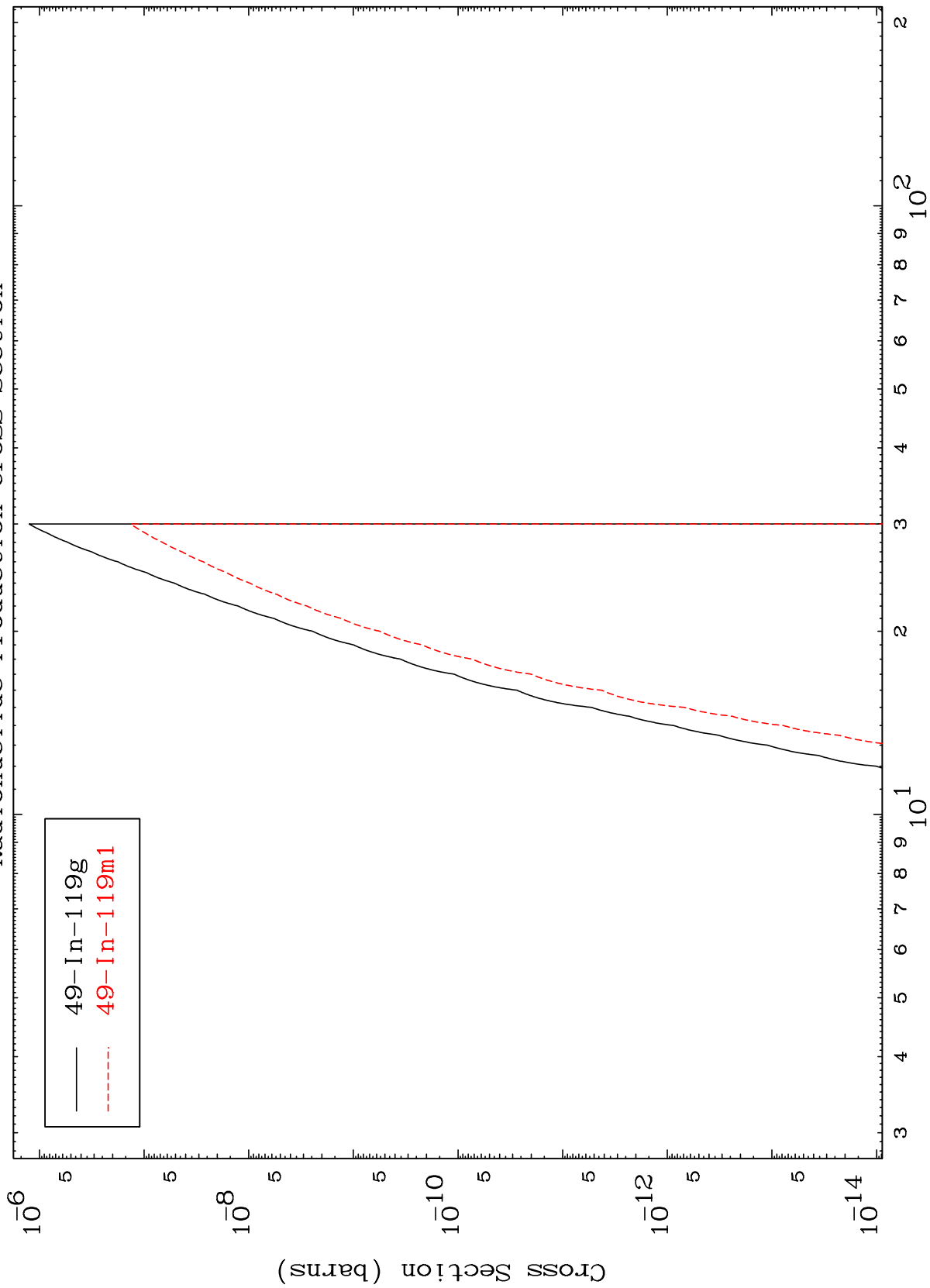


MAT 5235

(n,p) α

52-Te-123

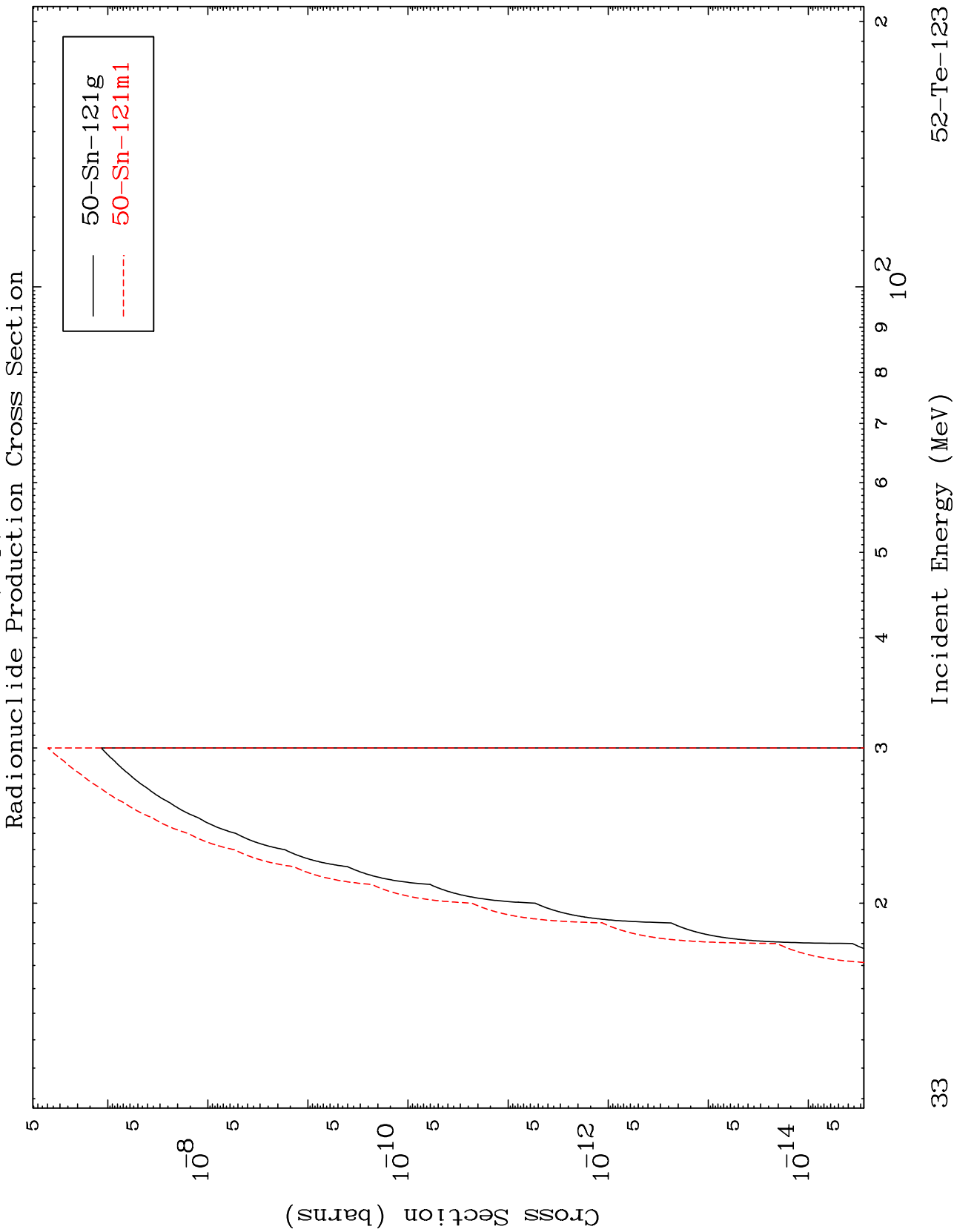
Radionuclide Production Cross Section



32

Incident Energy (MeV)

52-Te-123



MAT 5235

(n,d) α

52-Te-123

