

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

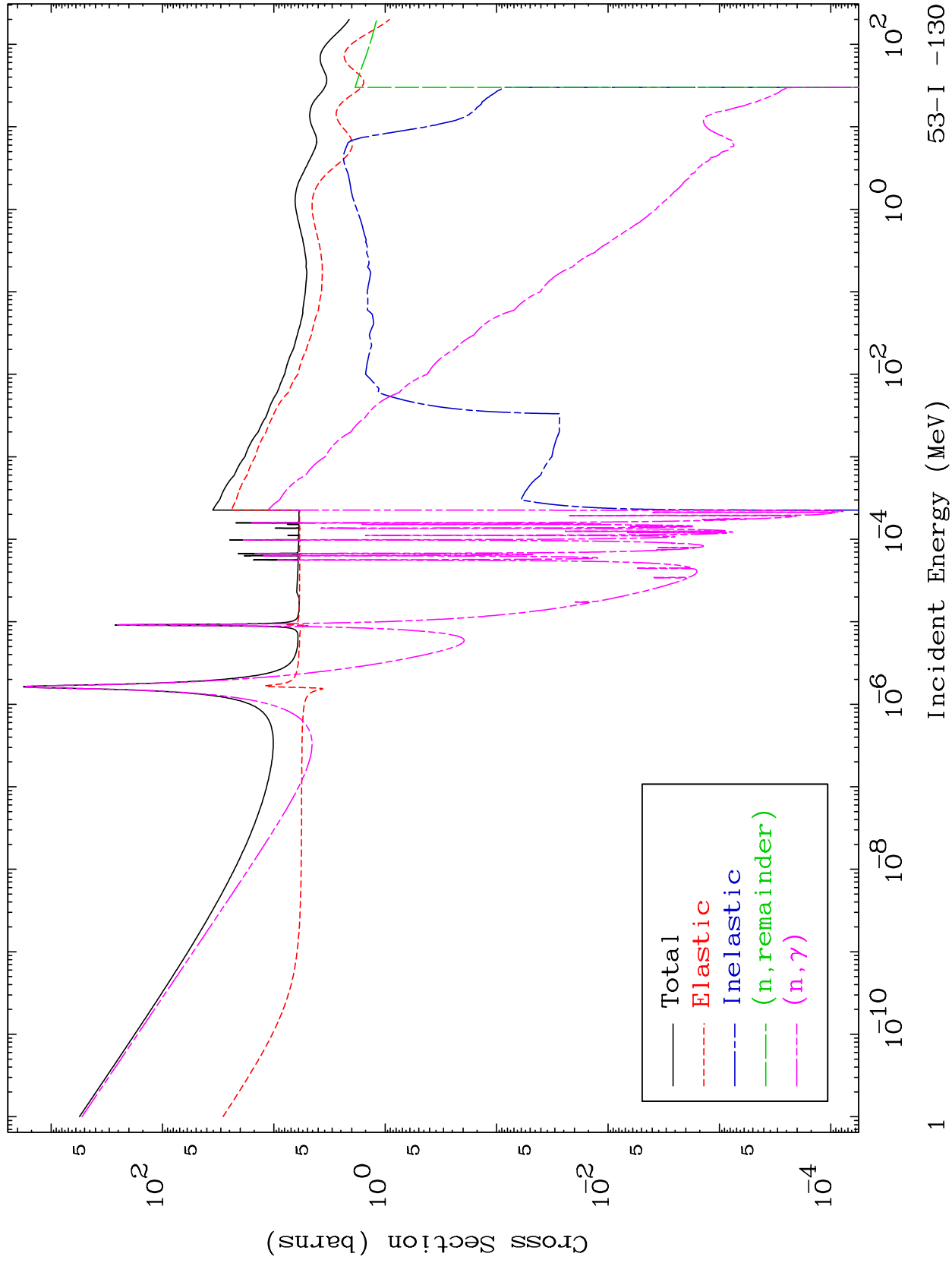
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5335

Major
293 Kelvin Cross Sections

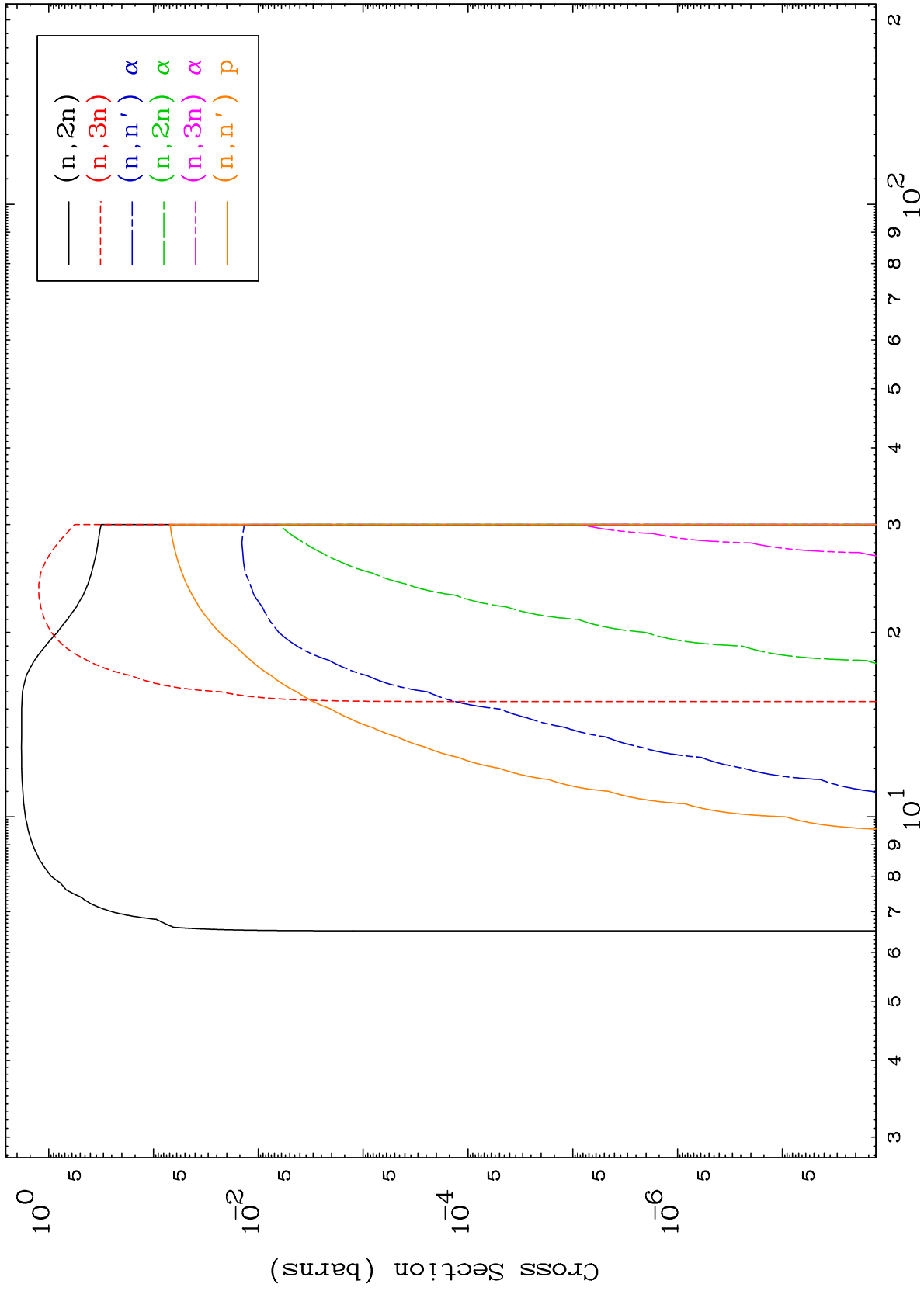
53-I -130



MAT 5335

Neutron Production
293 Kelvin Cross Sections

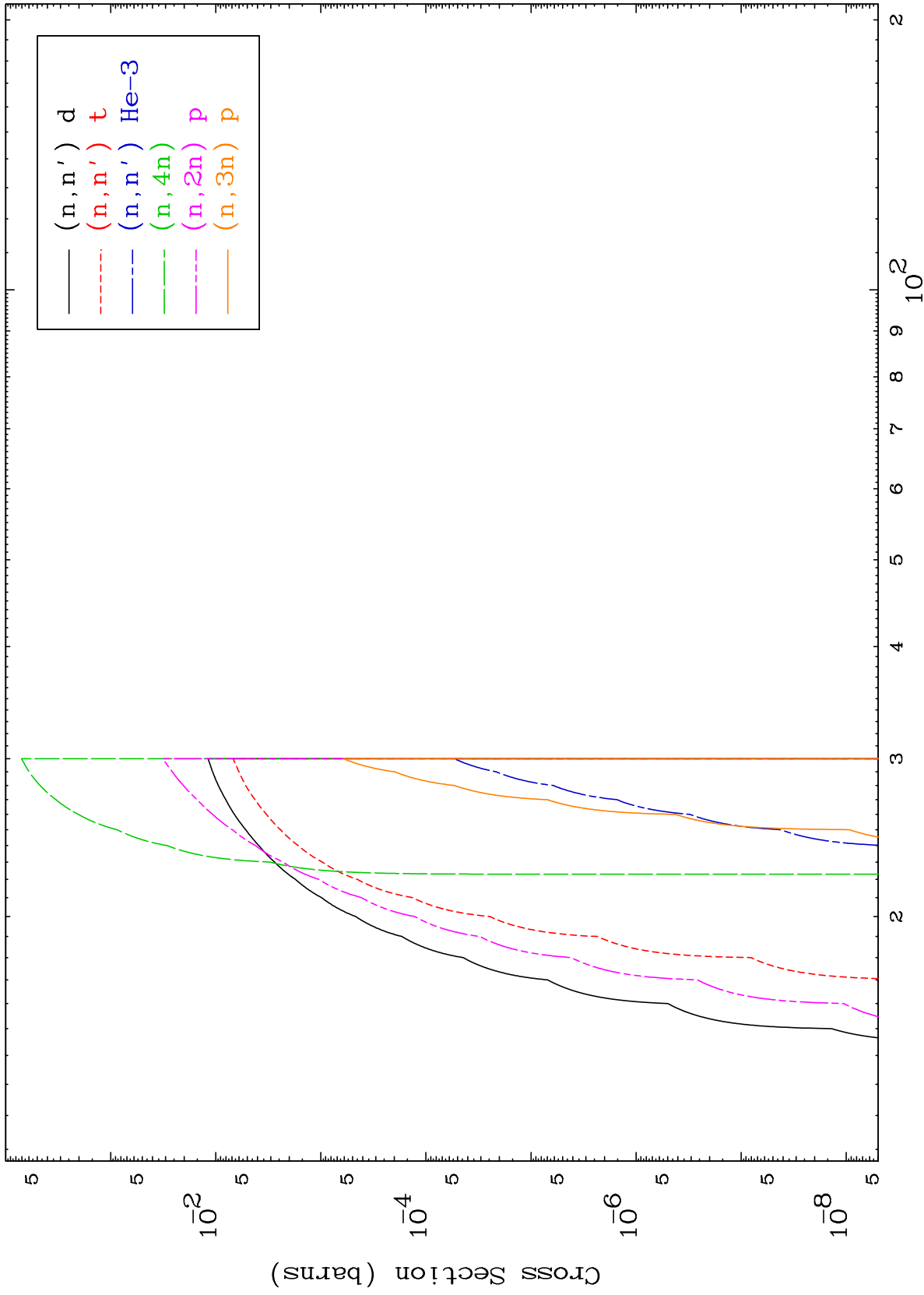
53-I -130

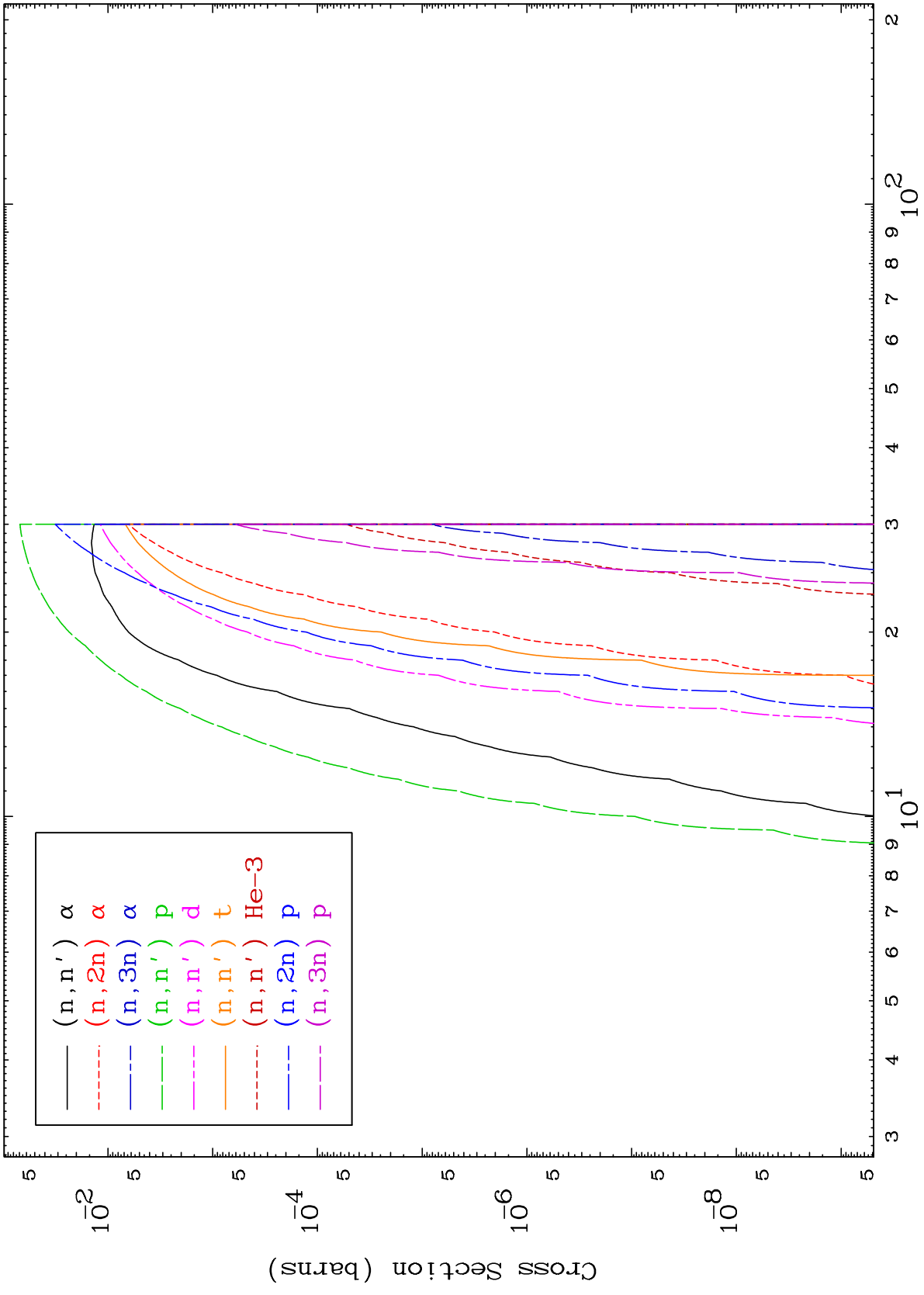


2

Incident Energy (MeV)

53-I -130

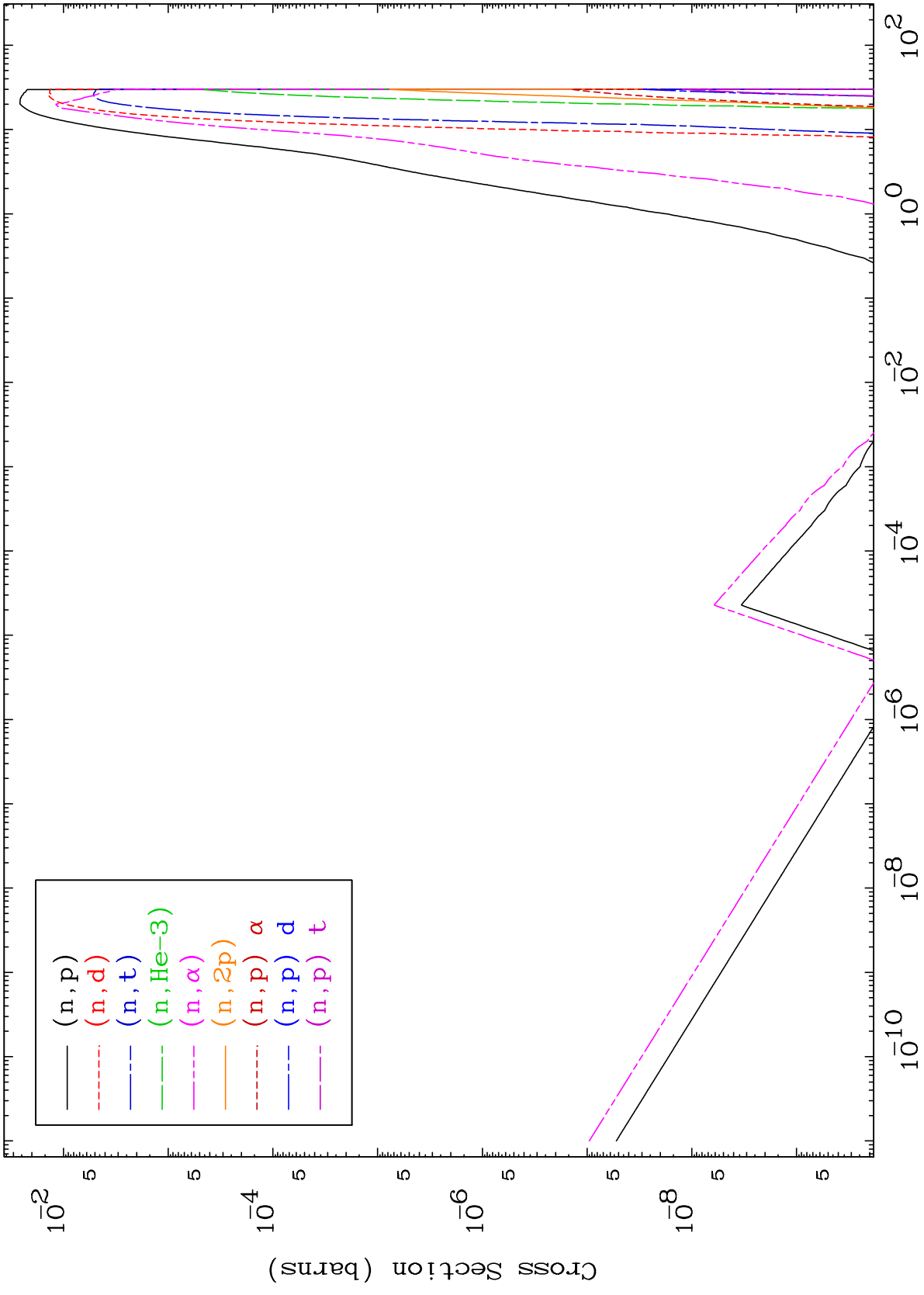




MAT 5335

293 Kelvin Cross Sections

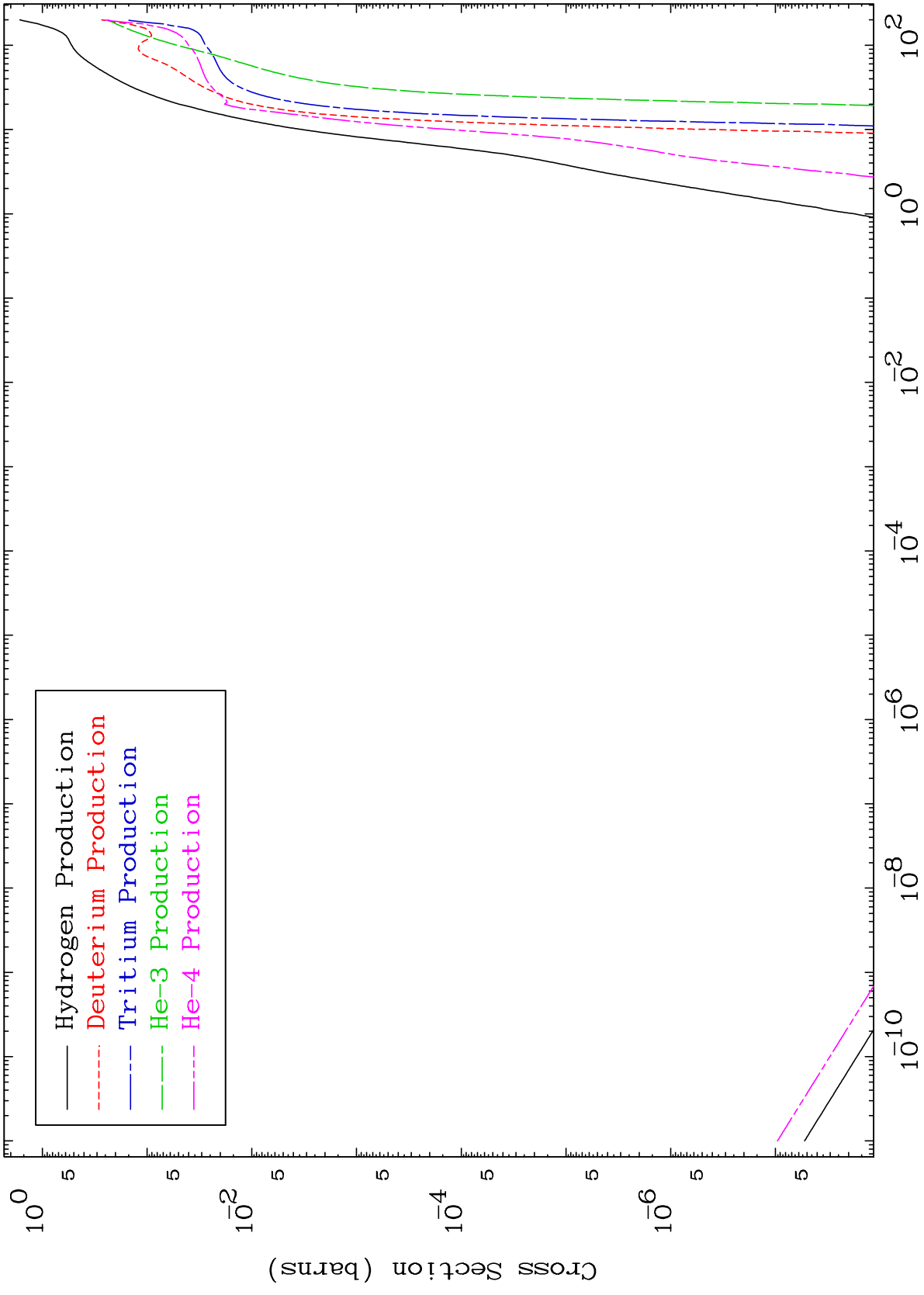
53-I -130



5

Incident Energy (MeV)

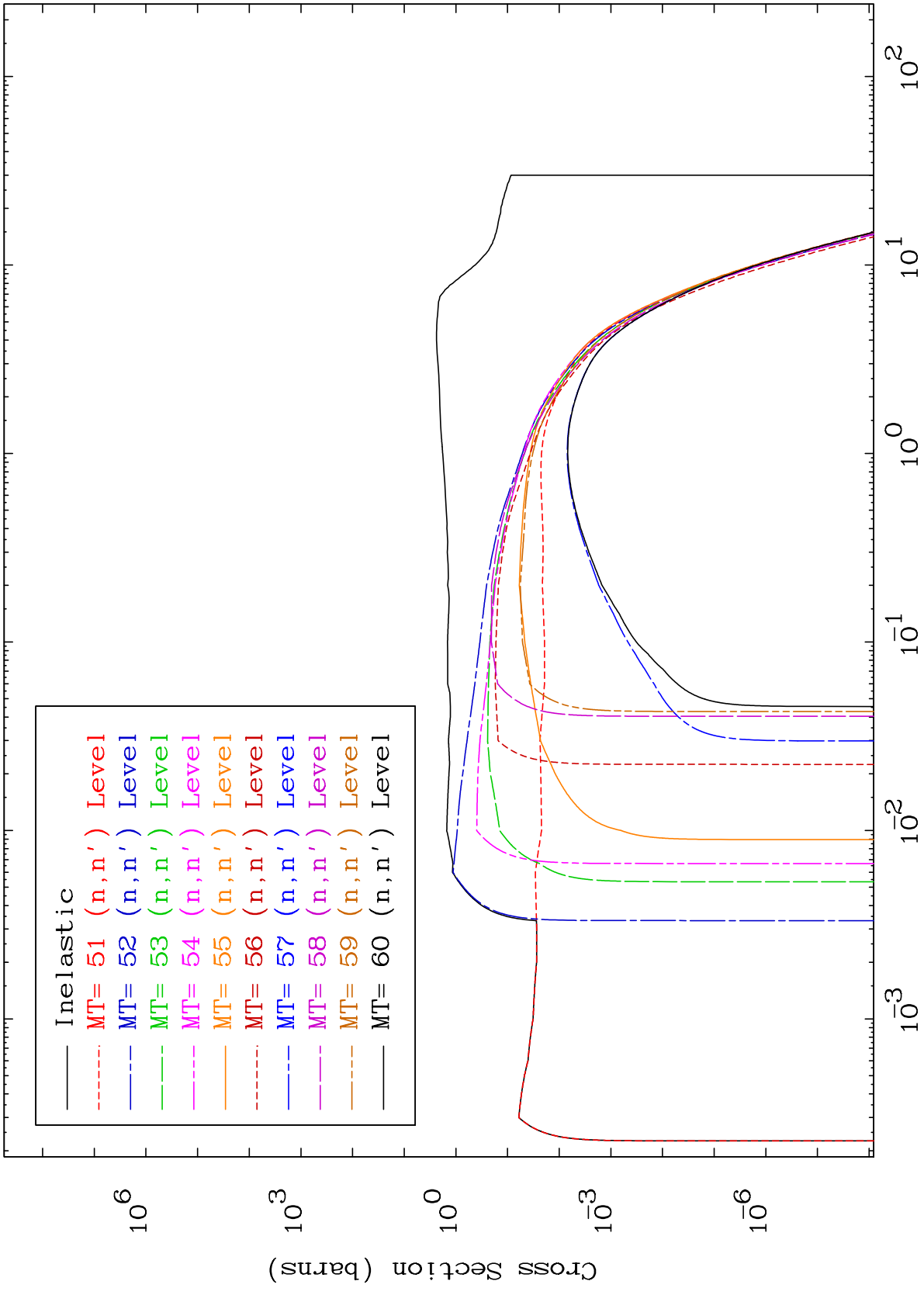
53-I -130



MAT 5335

(n,n') Level
293 Kelvin Cross Sections

53-I -130

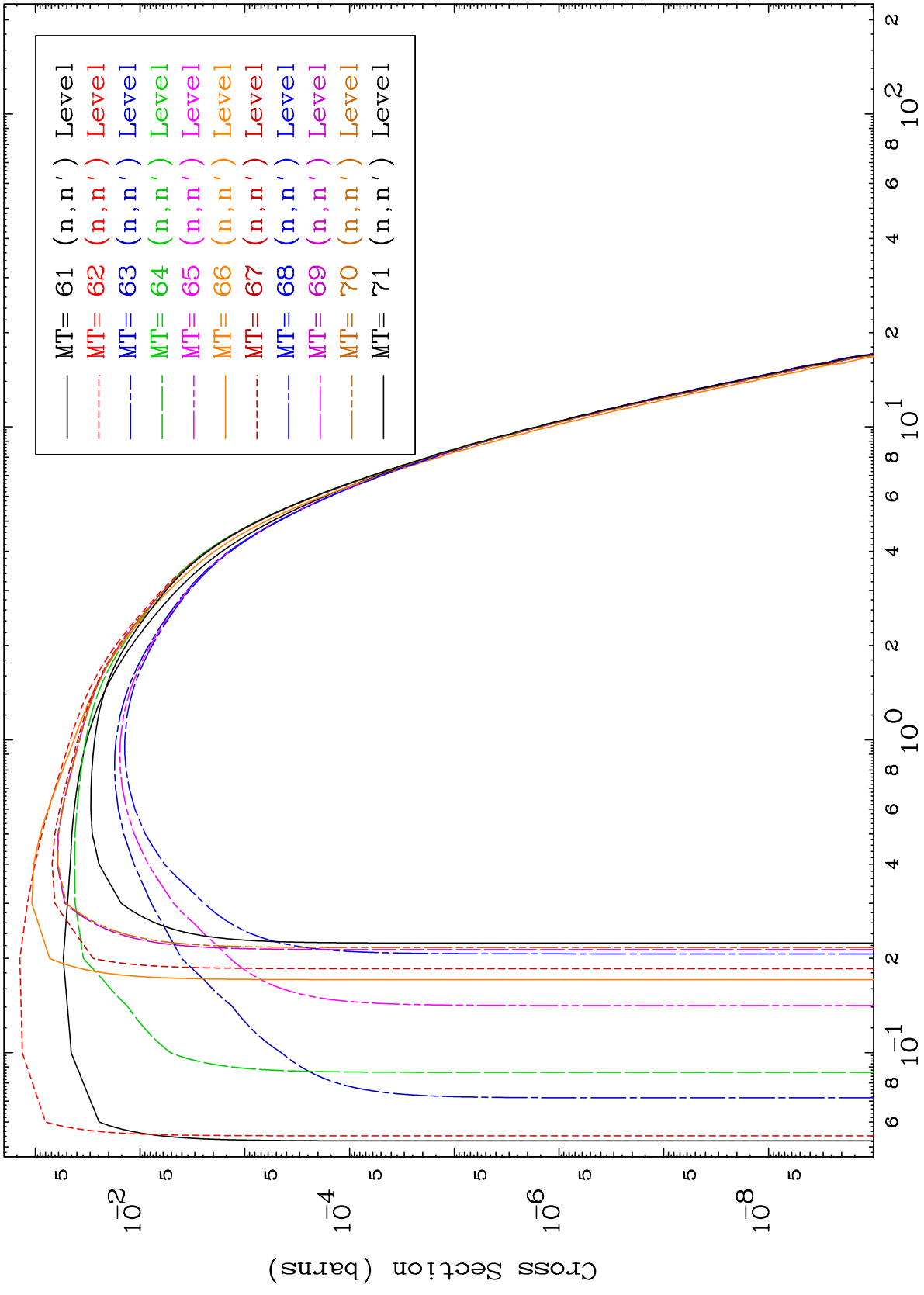


53-I -130

MAT 5335

(n,n') Level
293 Kelvin Cross Sections

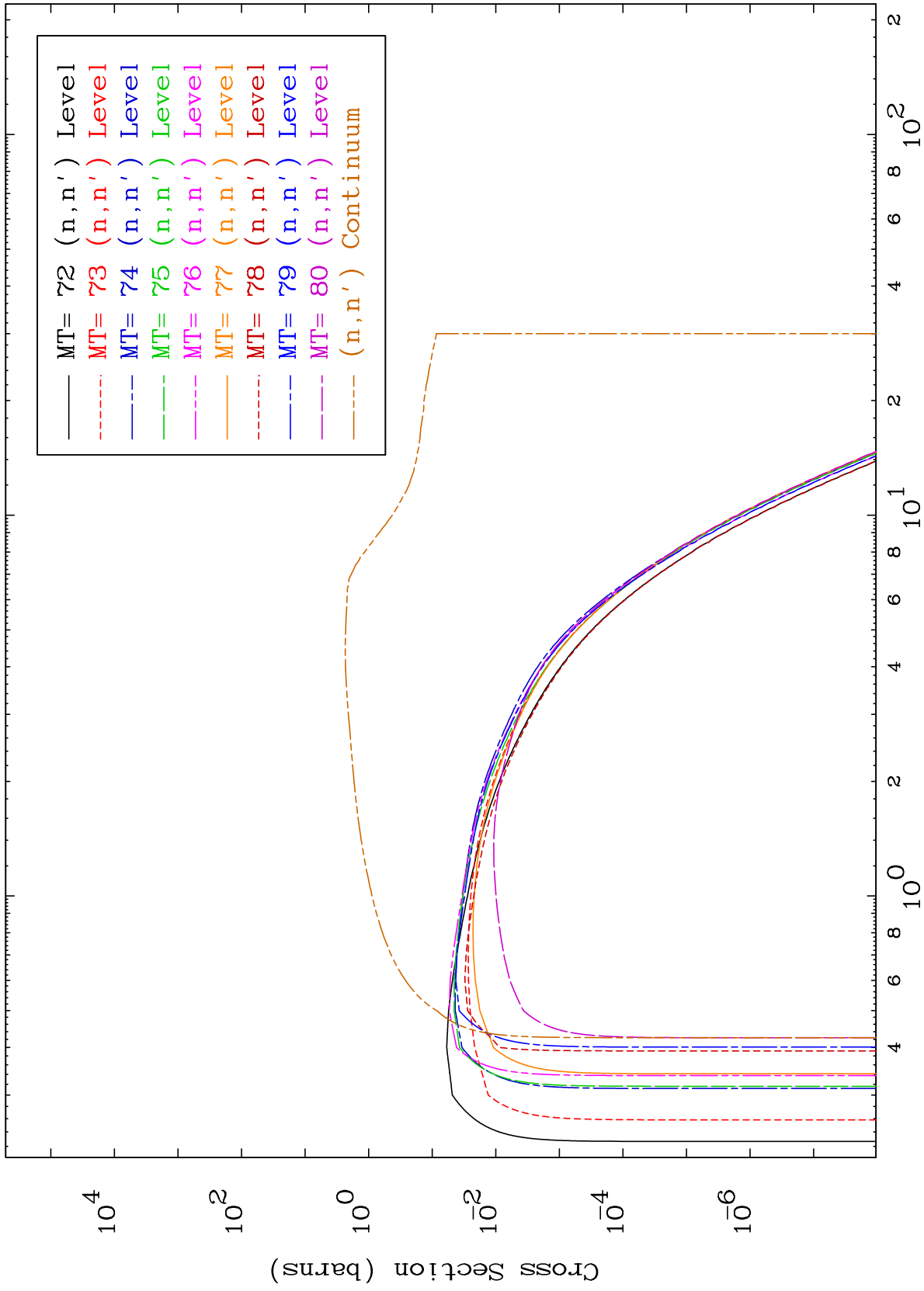
53-I -130



8

Incident Energy (MeV)

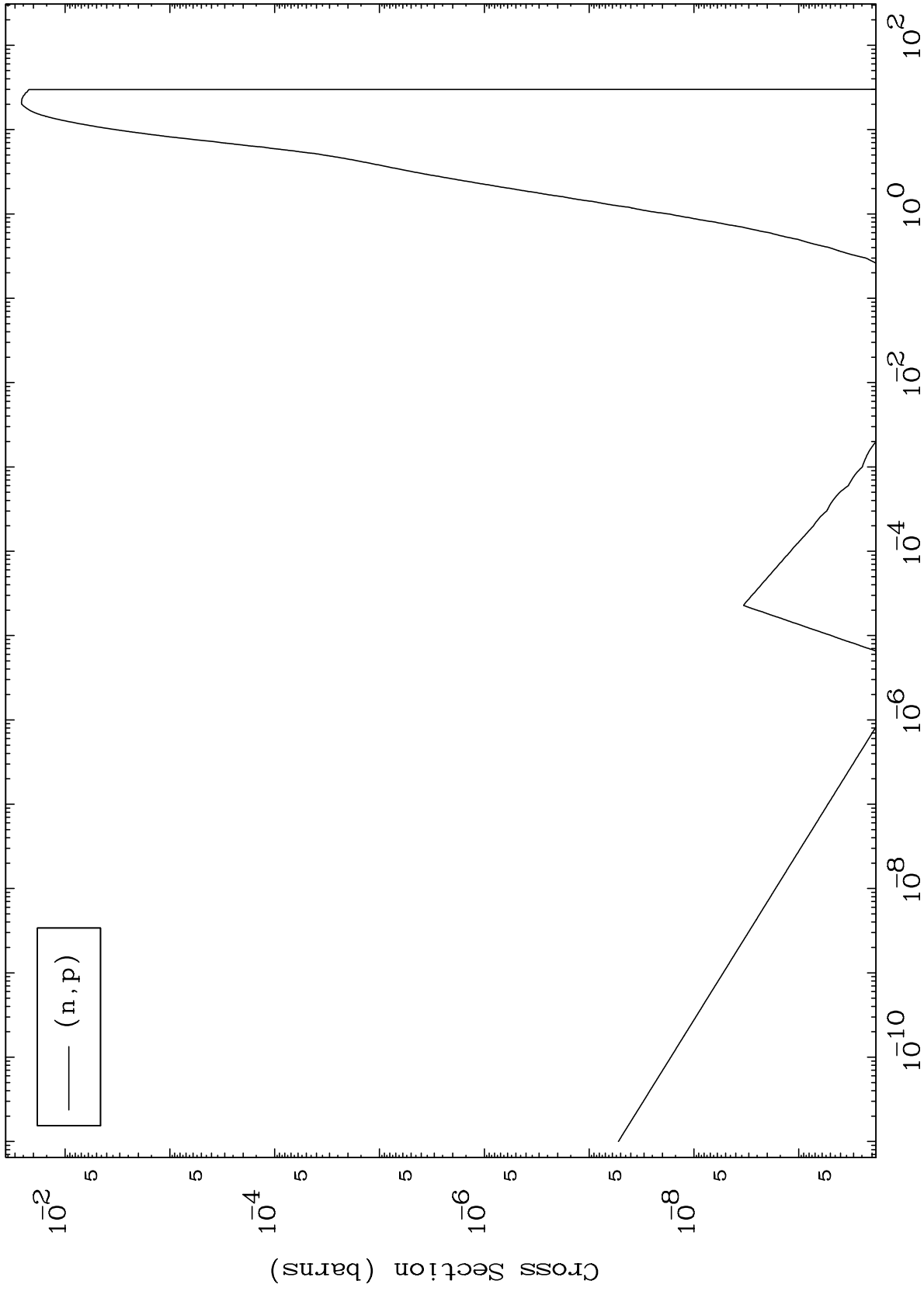
53-I -130



MAT 5335

(n,p) Levels
293 Kelvin Cross Sections

53-I -130



10

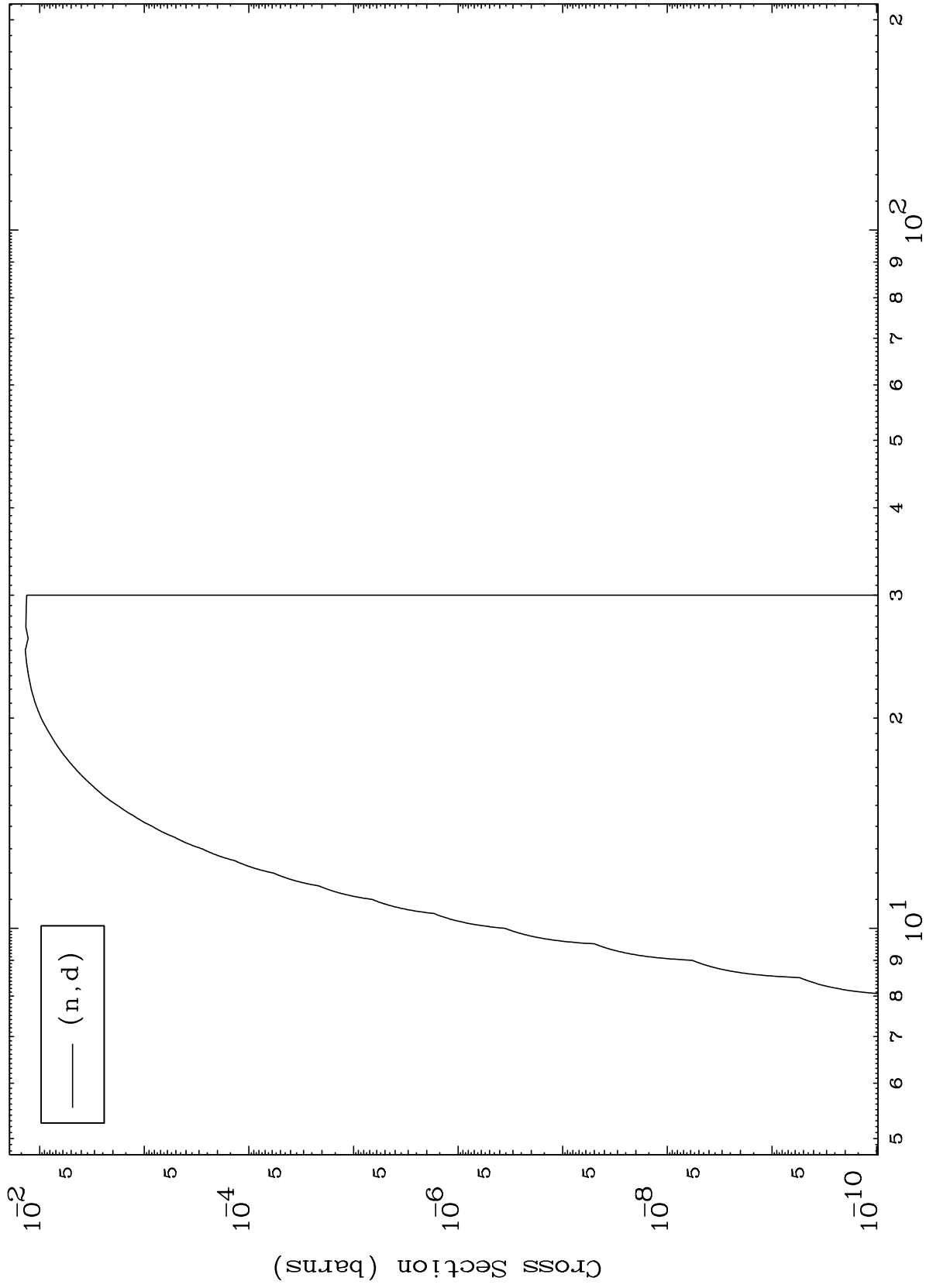
Incident Energy (MeV)

53-I -130

MAT 5335

(n,d) Levels
293 Kelvin Cross Sections

53-I -130



11

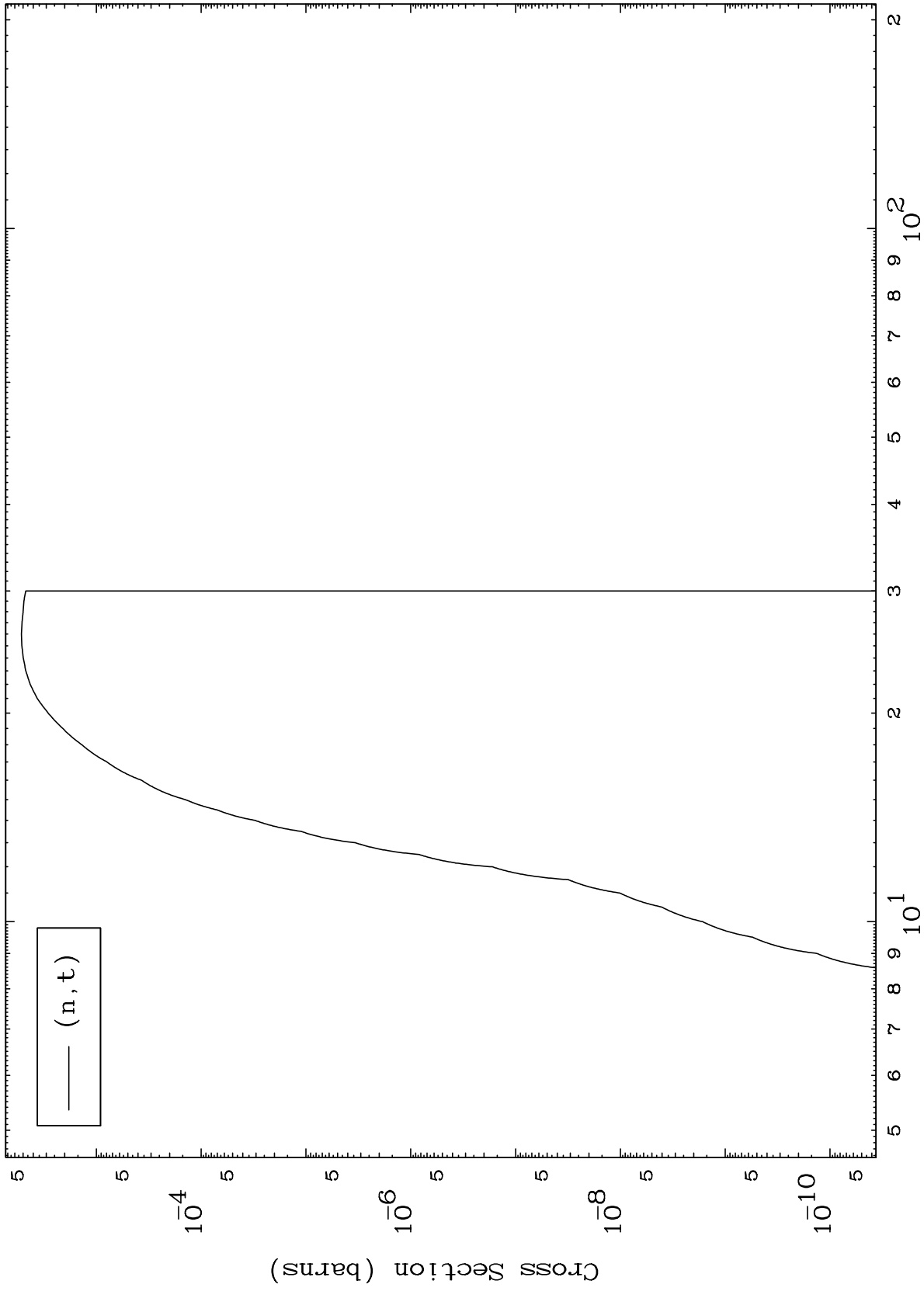
Incident Energy (MeV)

53-I -130

MAT 5335

(n,t) Levels
293 Kelvin Cross Sections

53-I -130



12

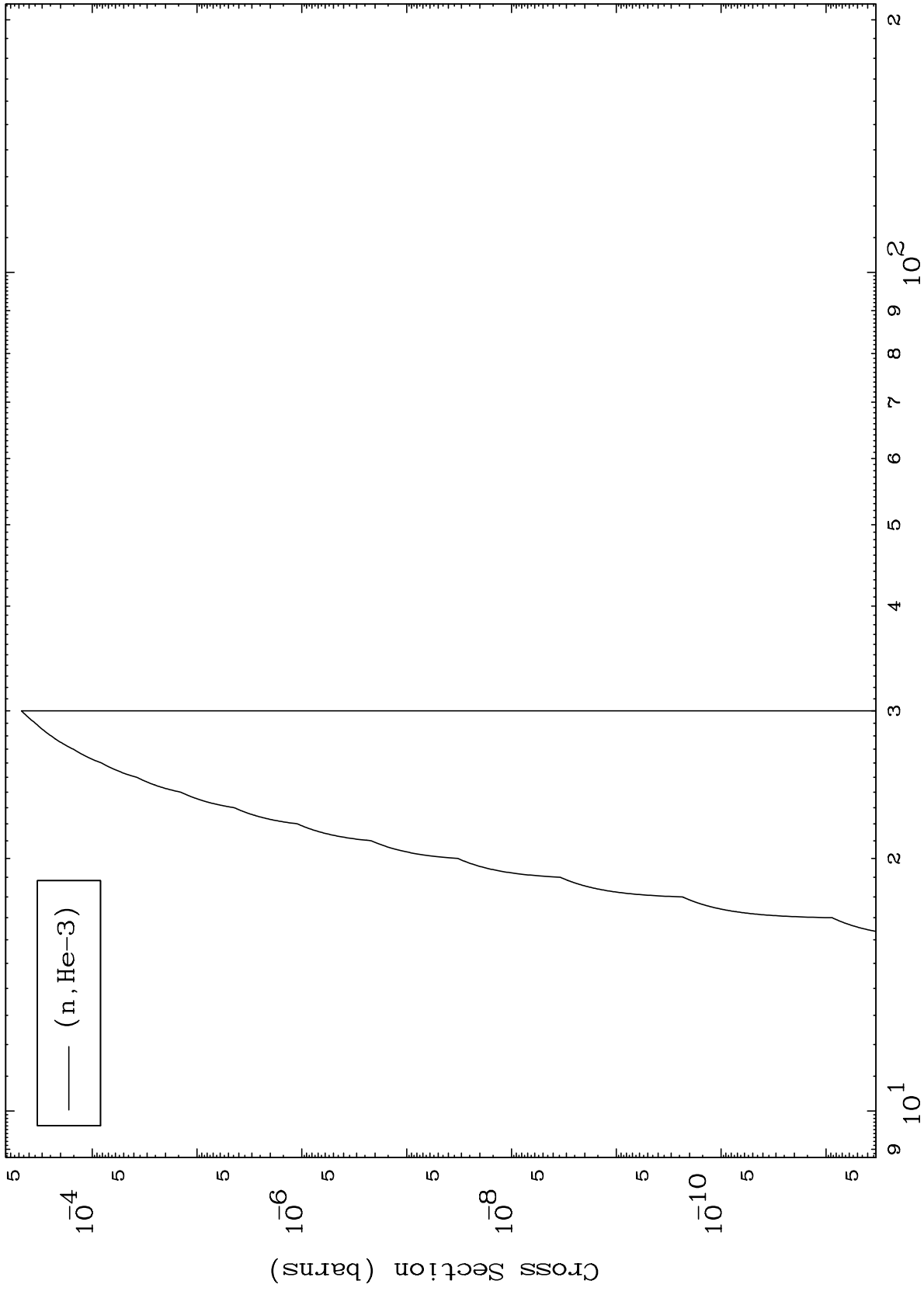
Incident Energy (MeV)

53-I -130

MAT 5335

(n,He3) Levels
293 Kelvin Cross Sections

53-I -130



13

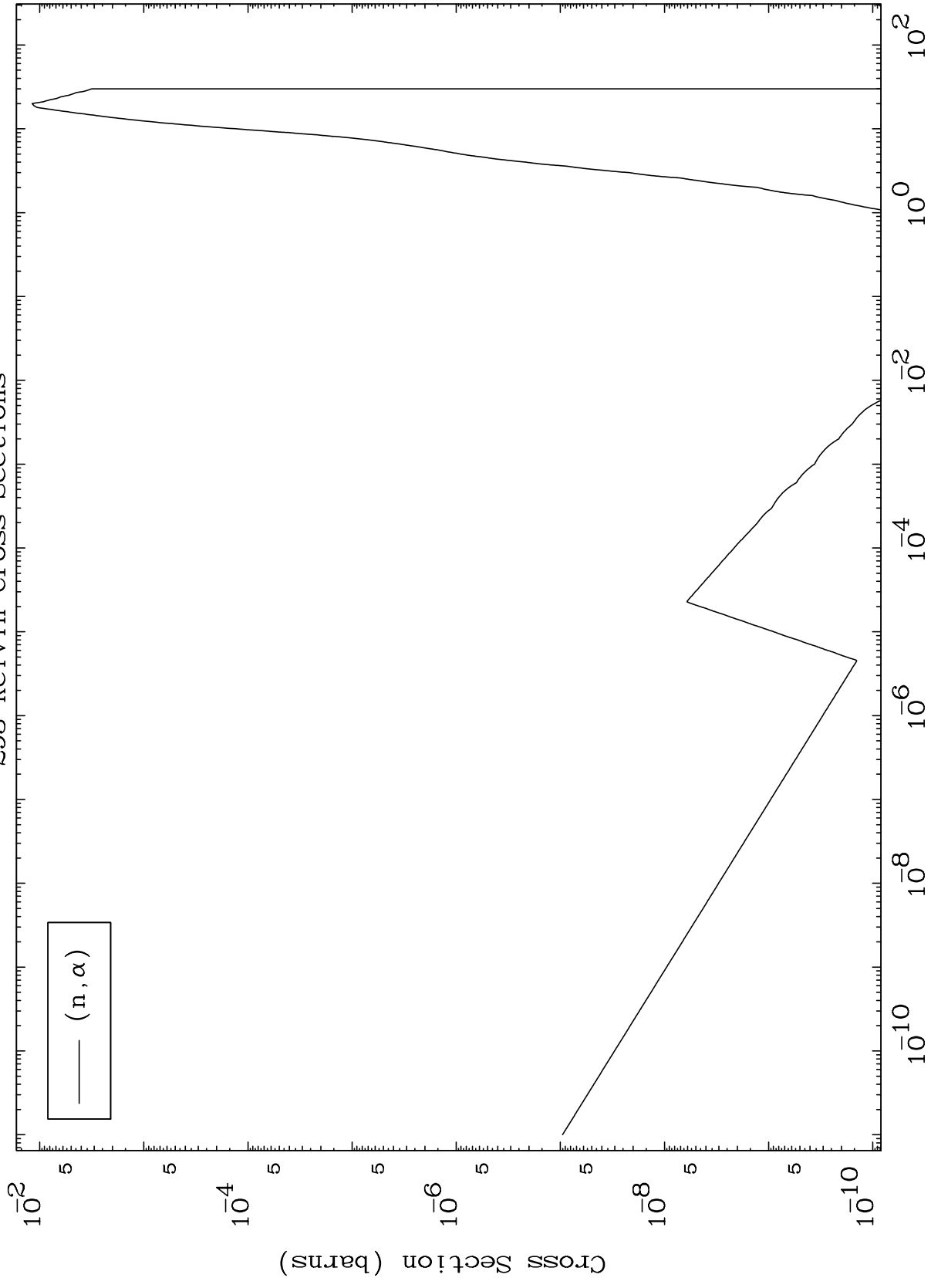
Incident Energy (MeV)

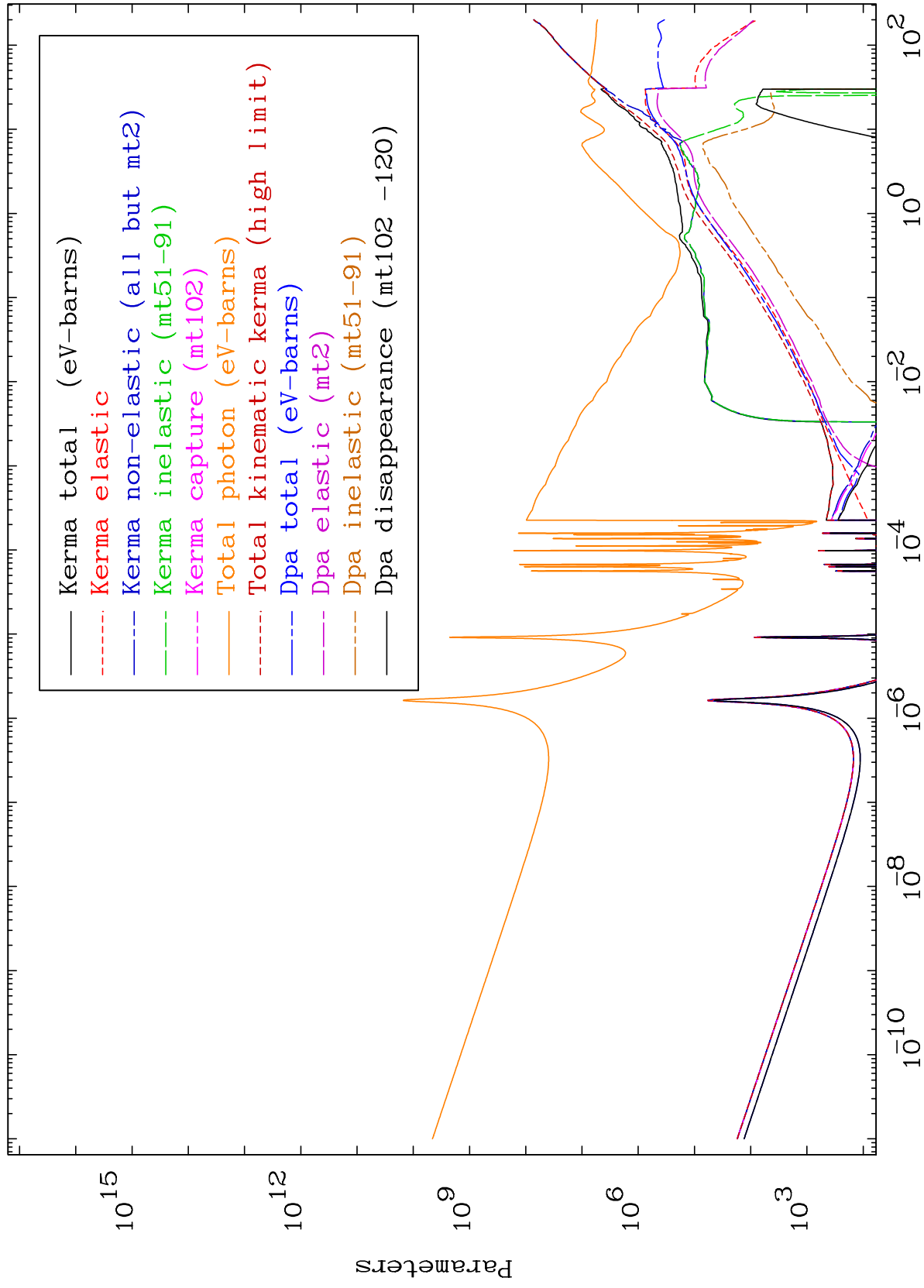
53-I -130

MAT 5335

(n,α) Levels
293 Kelvin Cross Sections

53-I -130

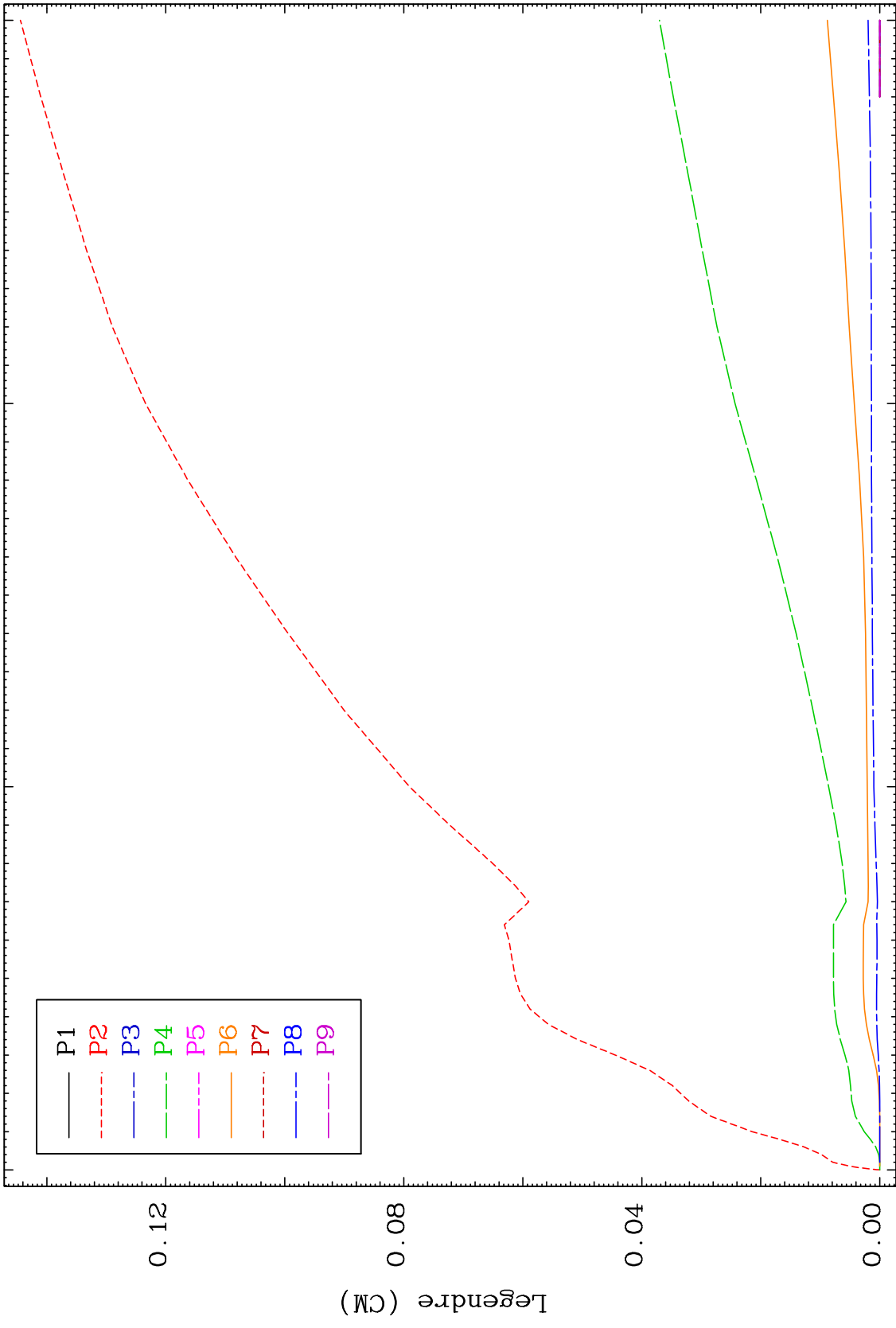




MAT 5335

Elastic Legendre Coefficients

53-I -130



16

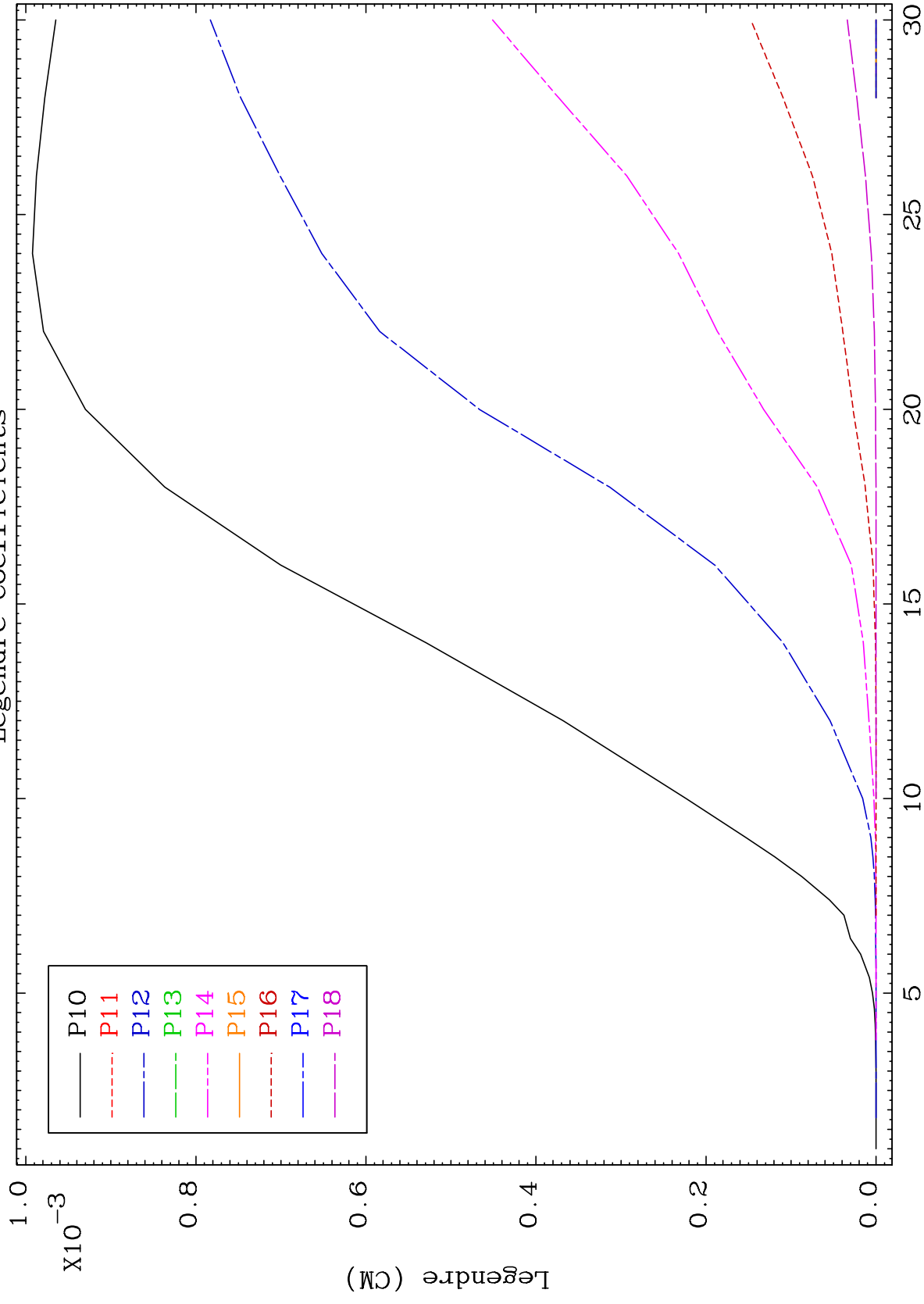
Incident Energy (MeV)

53-I -130

MAT 5335

Elastic Legendre Coefficients

53-I -130



17

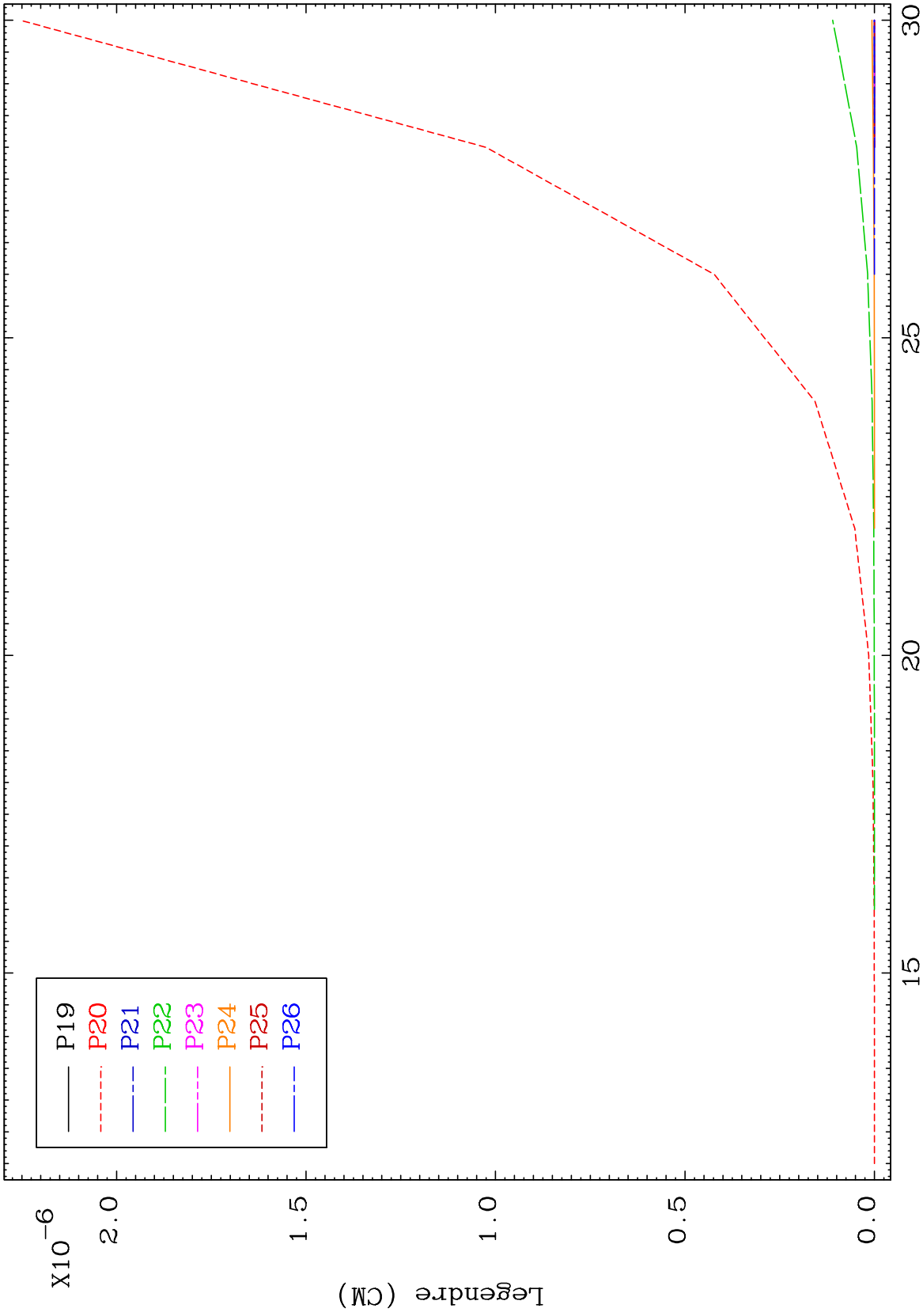
Incident Energy (MeV)

53-I -130

MAT 5335

Elastic Legendre Coefficients

53-I -130



18

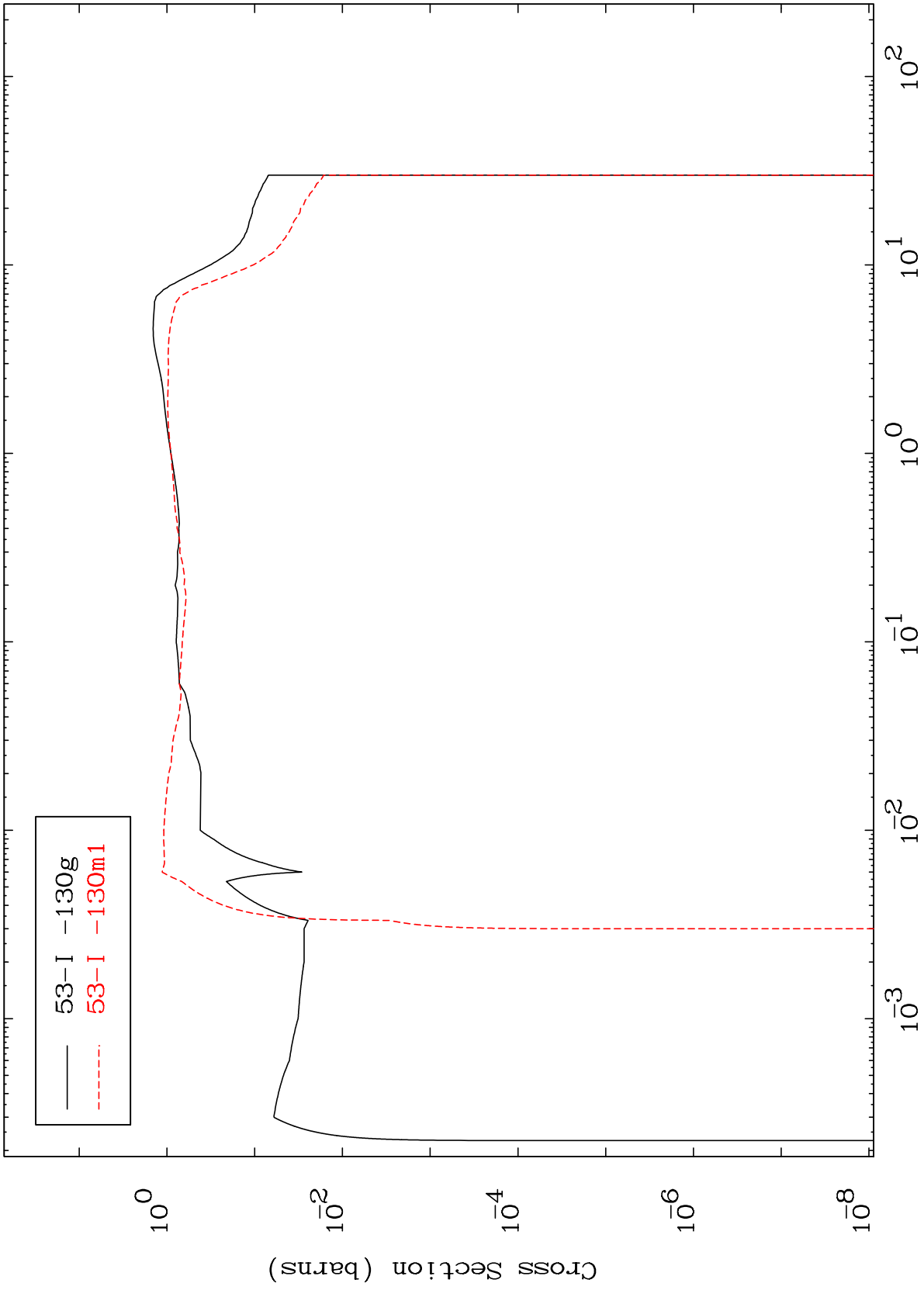
Incident Energy (MeV)

53-I -130

MAT 5335

Inelastic
Radionuclide Production Cross Section

53-I -130



19

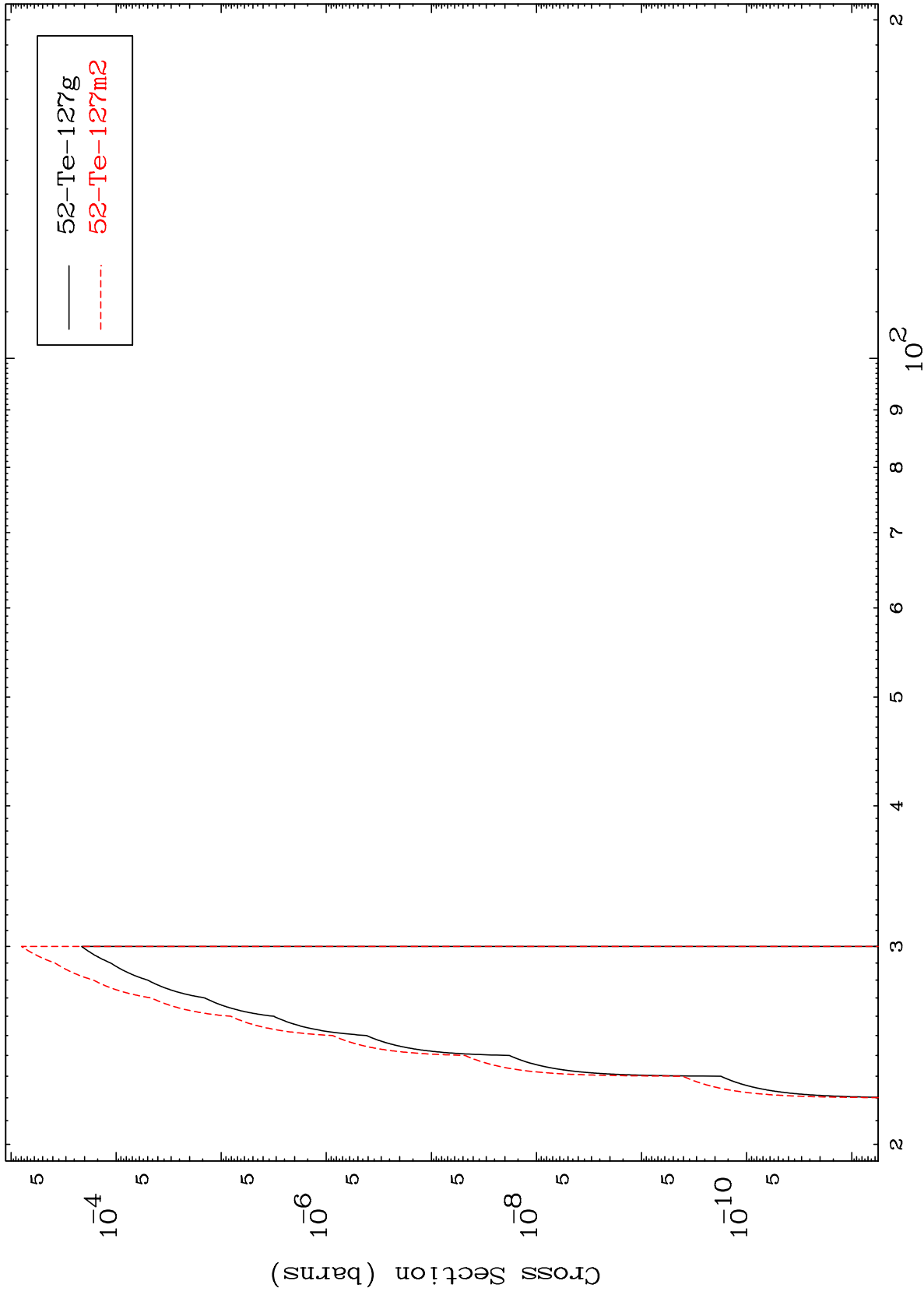
53-I -130

MAT 5335

(n,2n) d

53-I -130

Radionuclide Production Cross Section



20

Incident Energy (MeV)

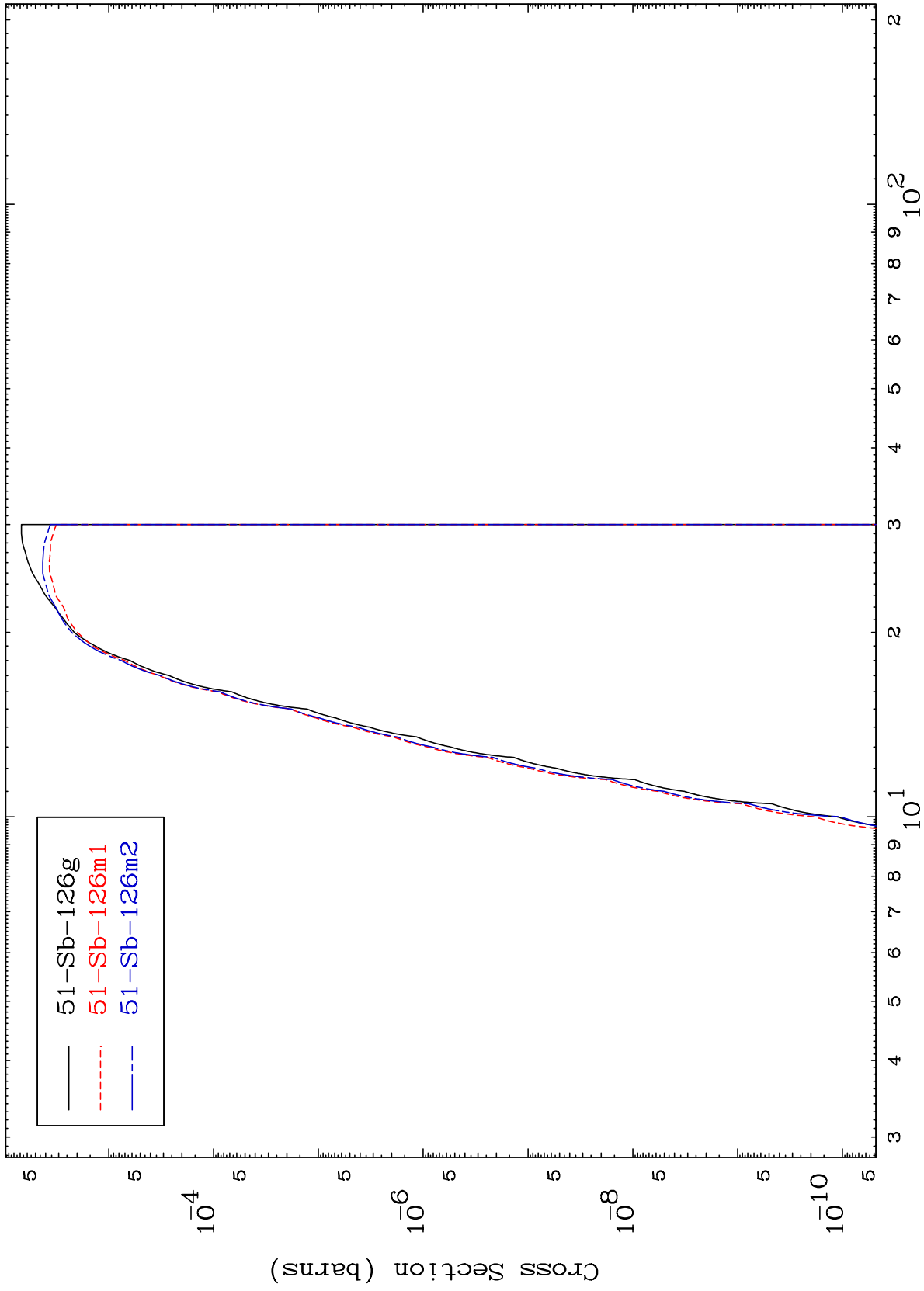
53-I -130

MAT 5335

(n,n') α

53-I -130

Radionuclide Production Cross Section



21

Incident Energy (MeV)

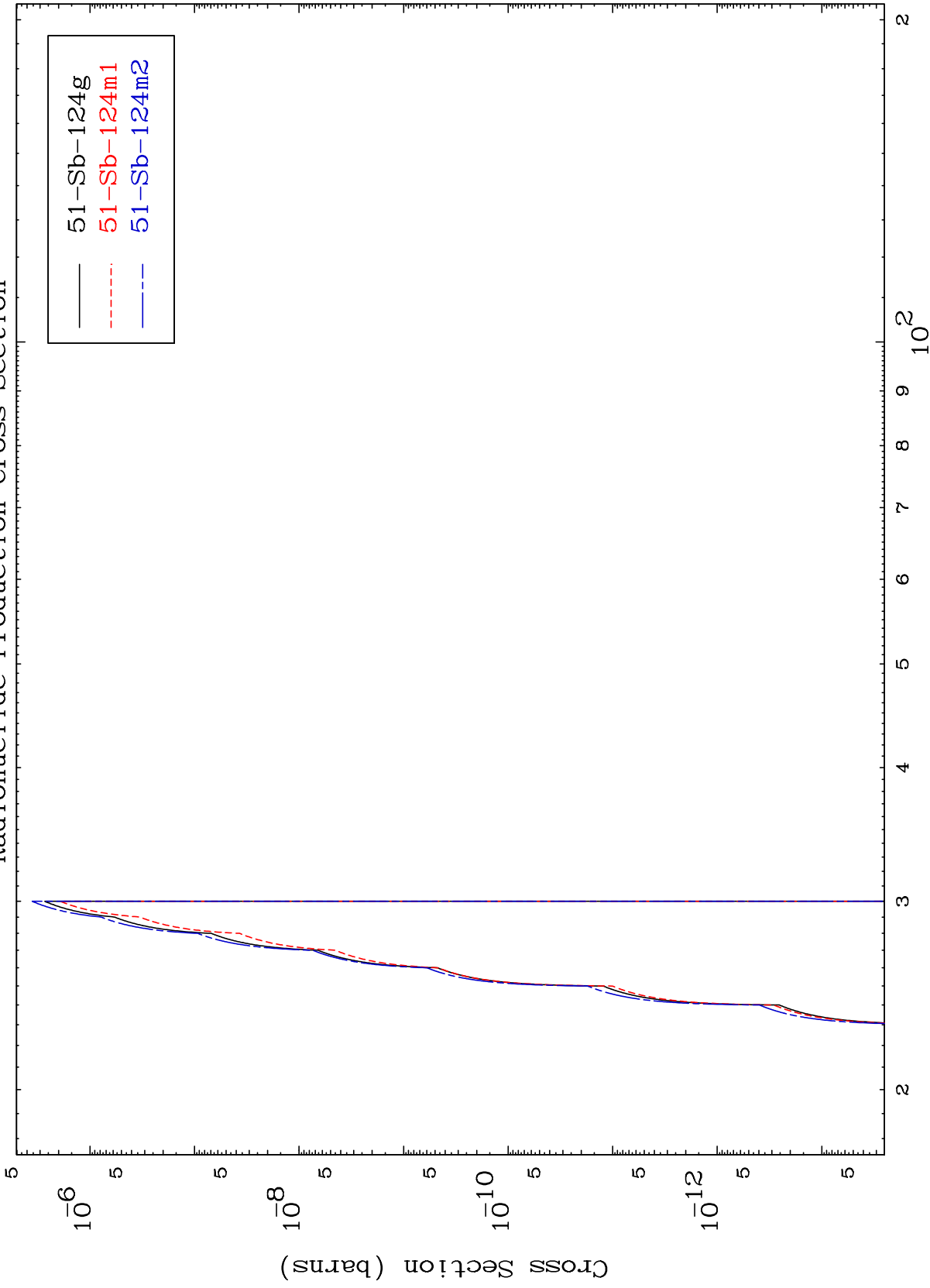
53-I -130

MAT 5335

(n,3n) α

53-I -130

Radionuclide Production Cross Section



22

Incident Energy (MeV)

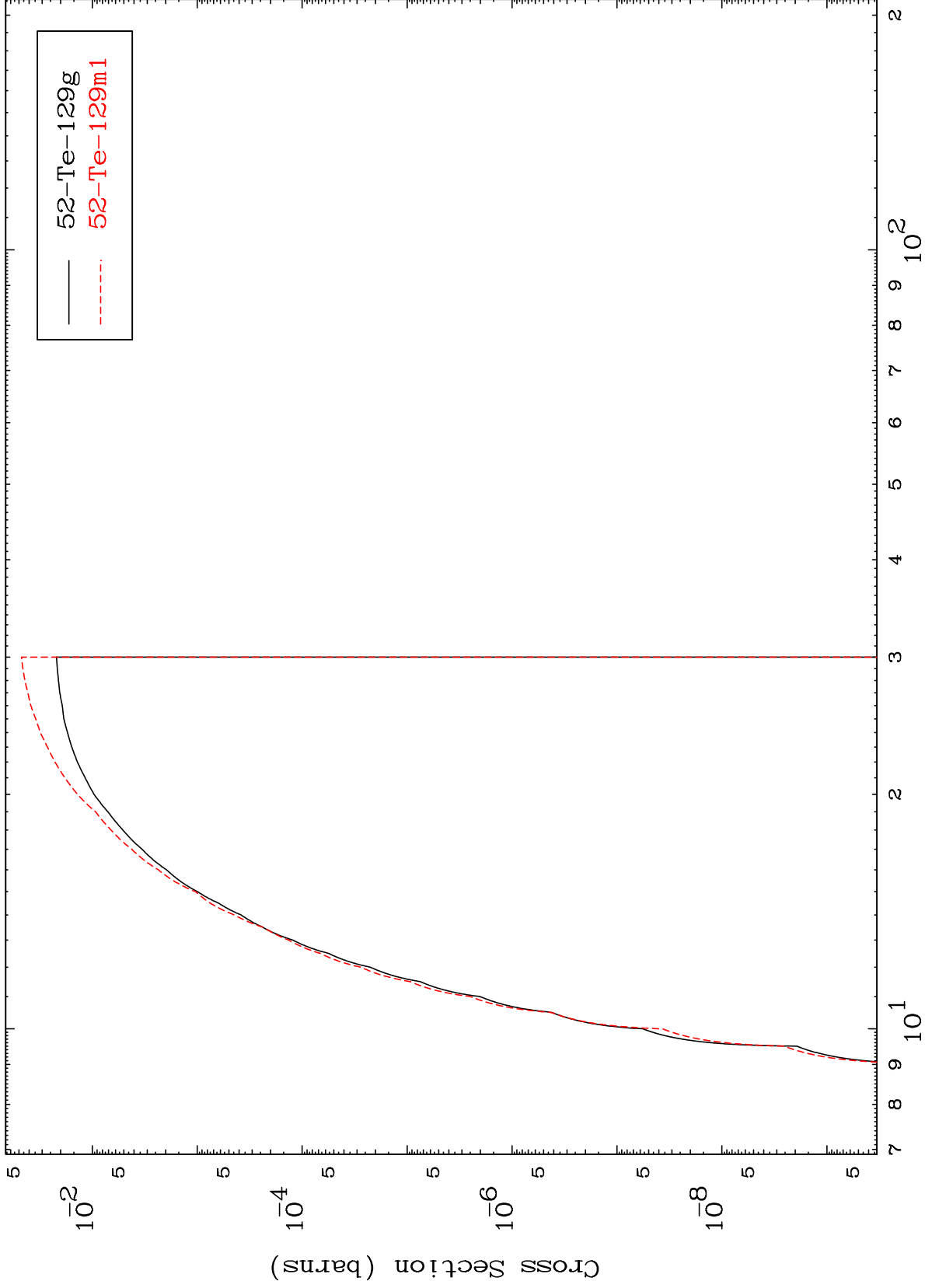
53-I -130

MAT 5335

(n,n') p

53-I -130

Radionuclide Production Cross Section



23

Incident Energy (MeV)

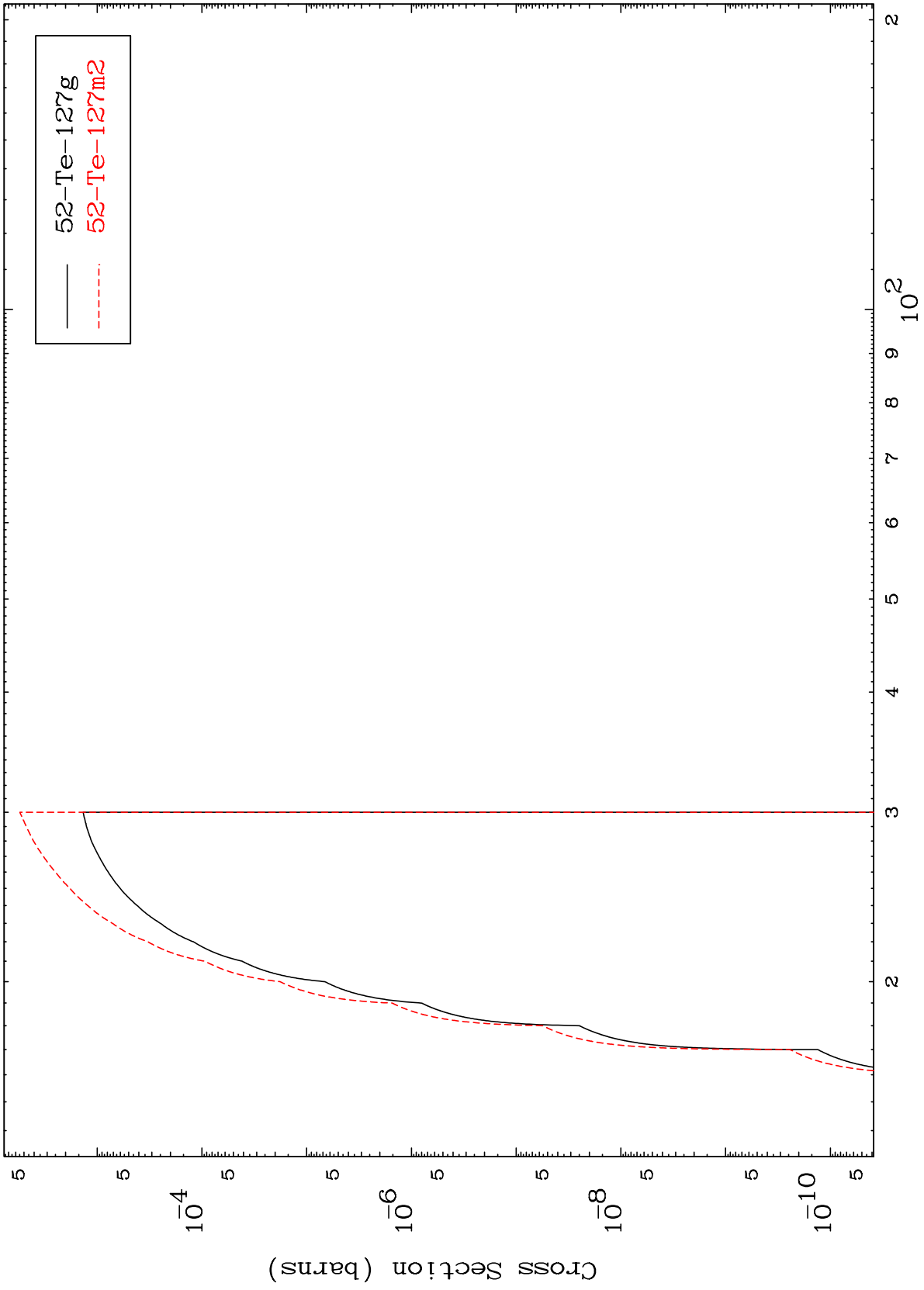
53-I -130

MAT 5335

(n,n') t

53-I -130

Radionuclide Production Cross Section



24

Incident Energy (MeV)

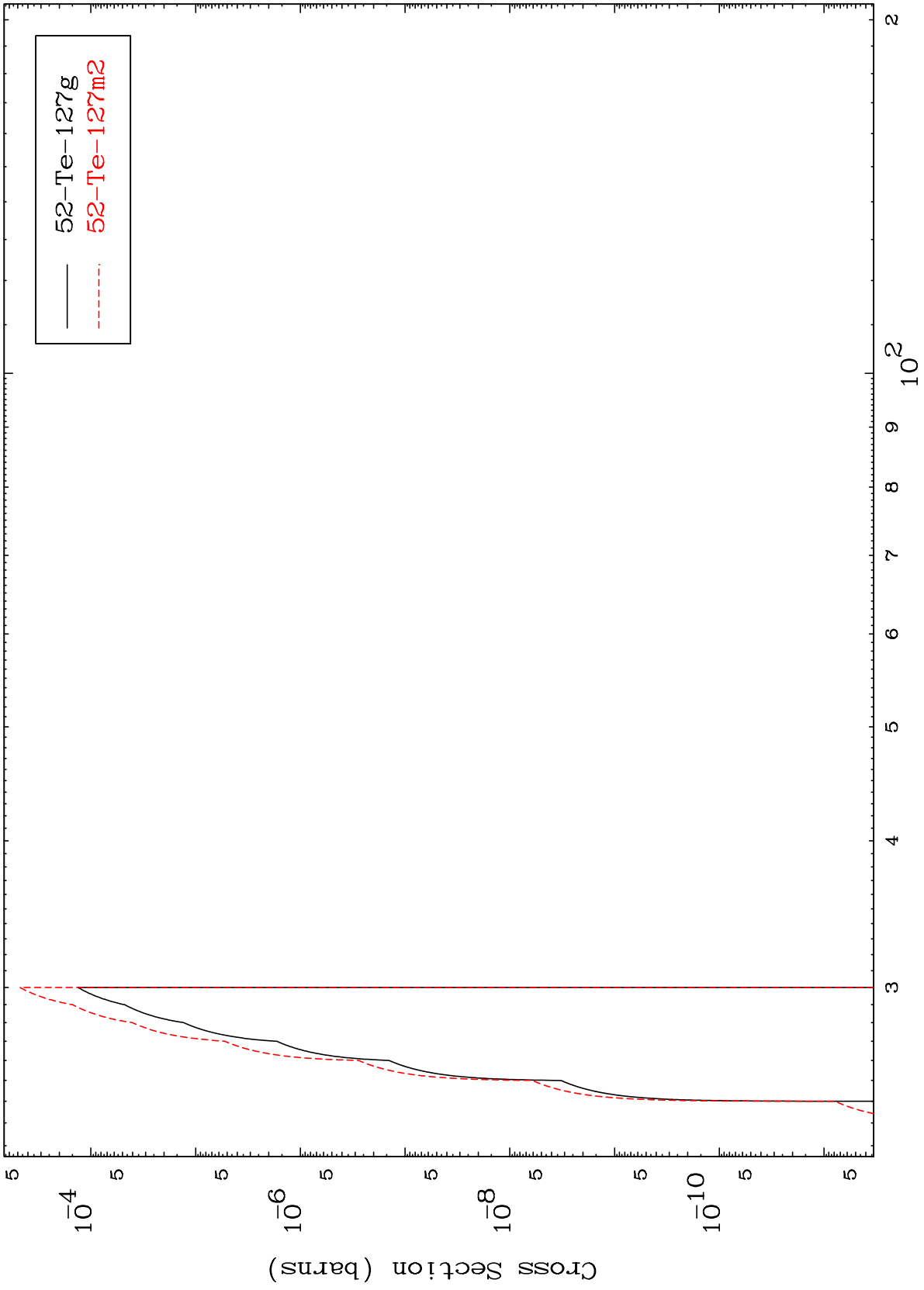
53-I -130

MAT 5335

(n,3n) p

53-I -130

Radionuclide Production Cross Section

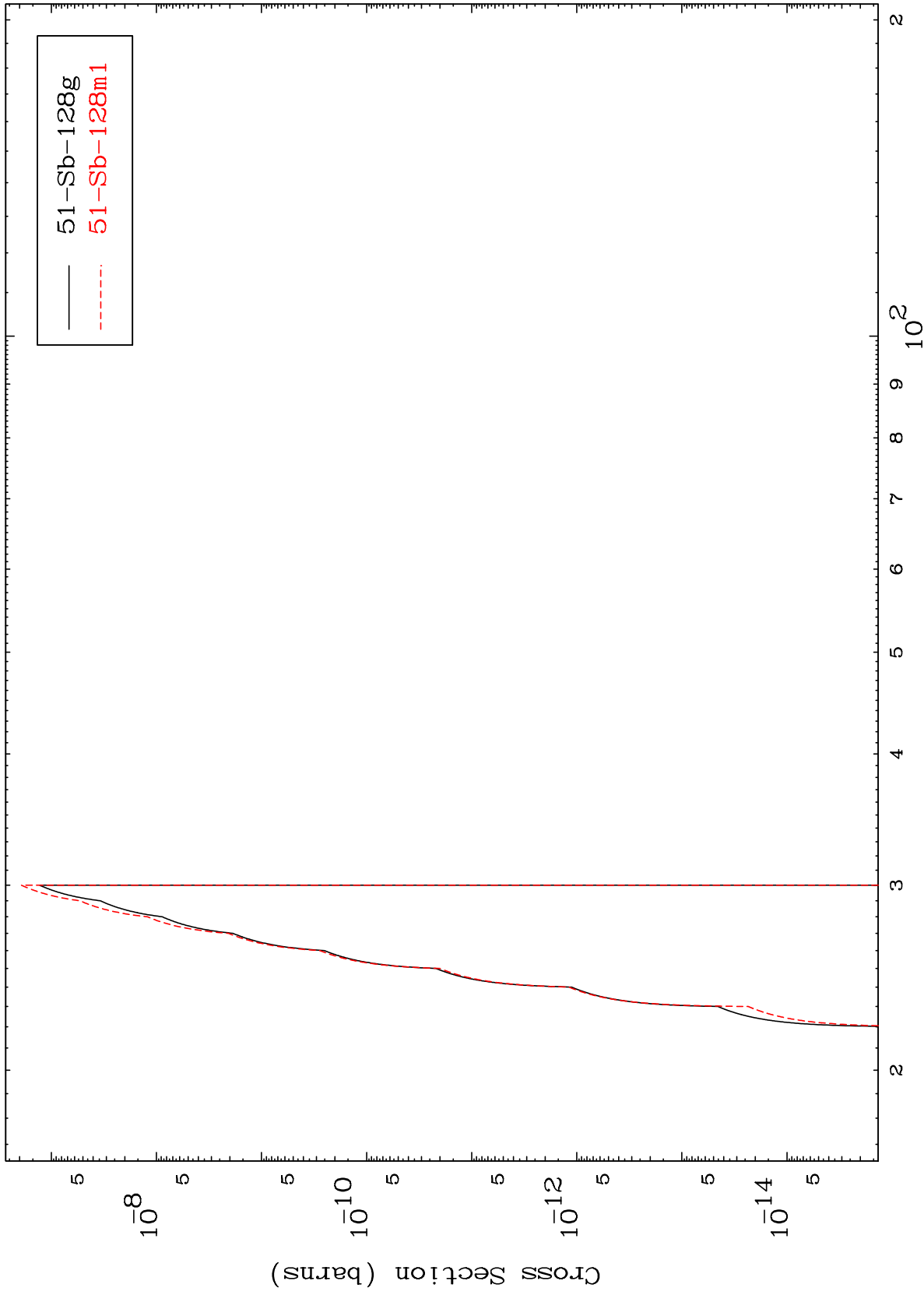


25

Incident Energy (MeV)

53-I -130

Radionuclide Production Cross Section

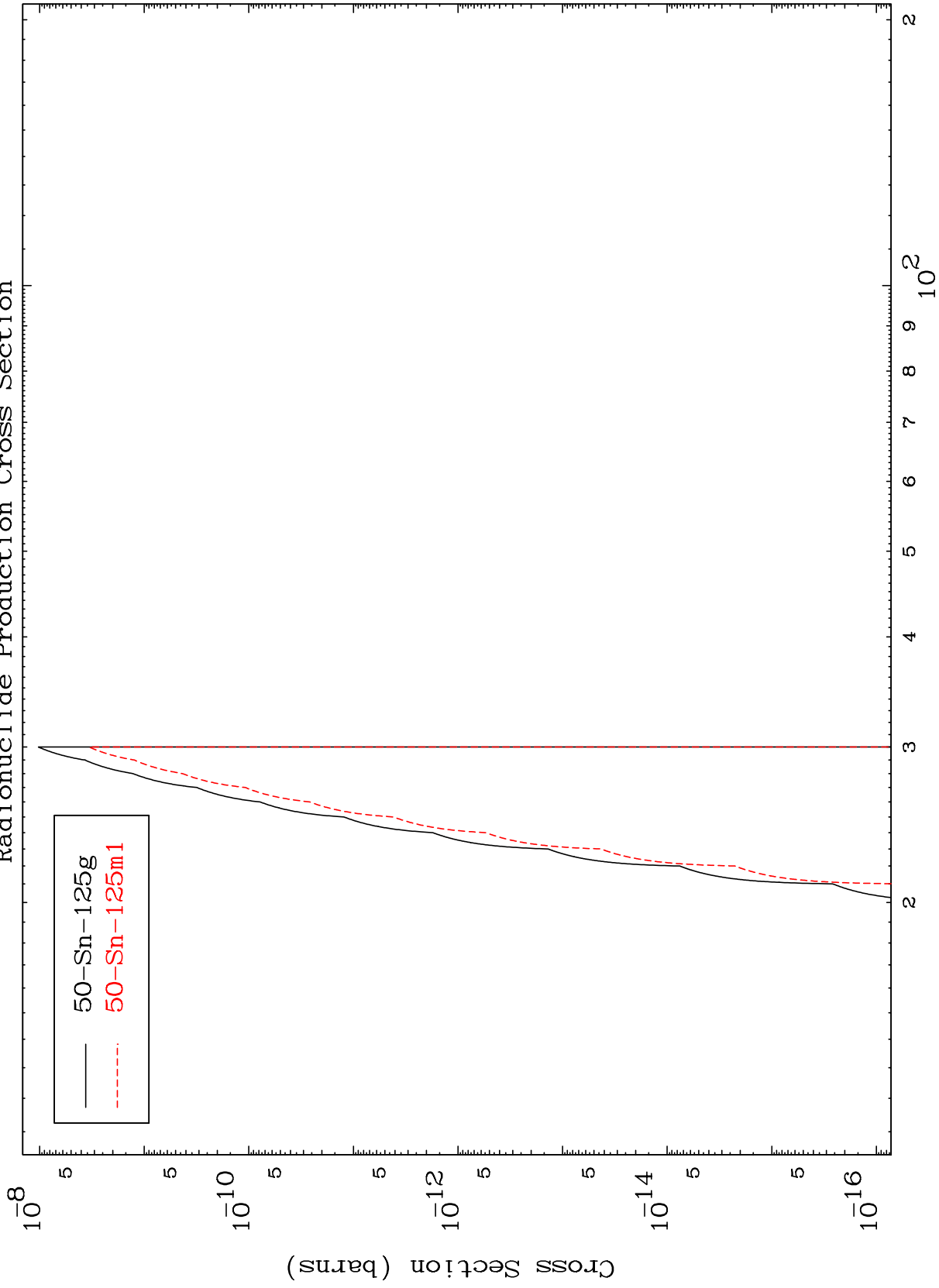


MAT 5335

(n,n') p α

53-I -130

Radionuclide Production Cross Section



27

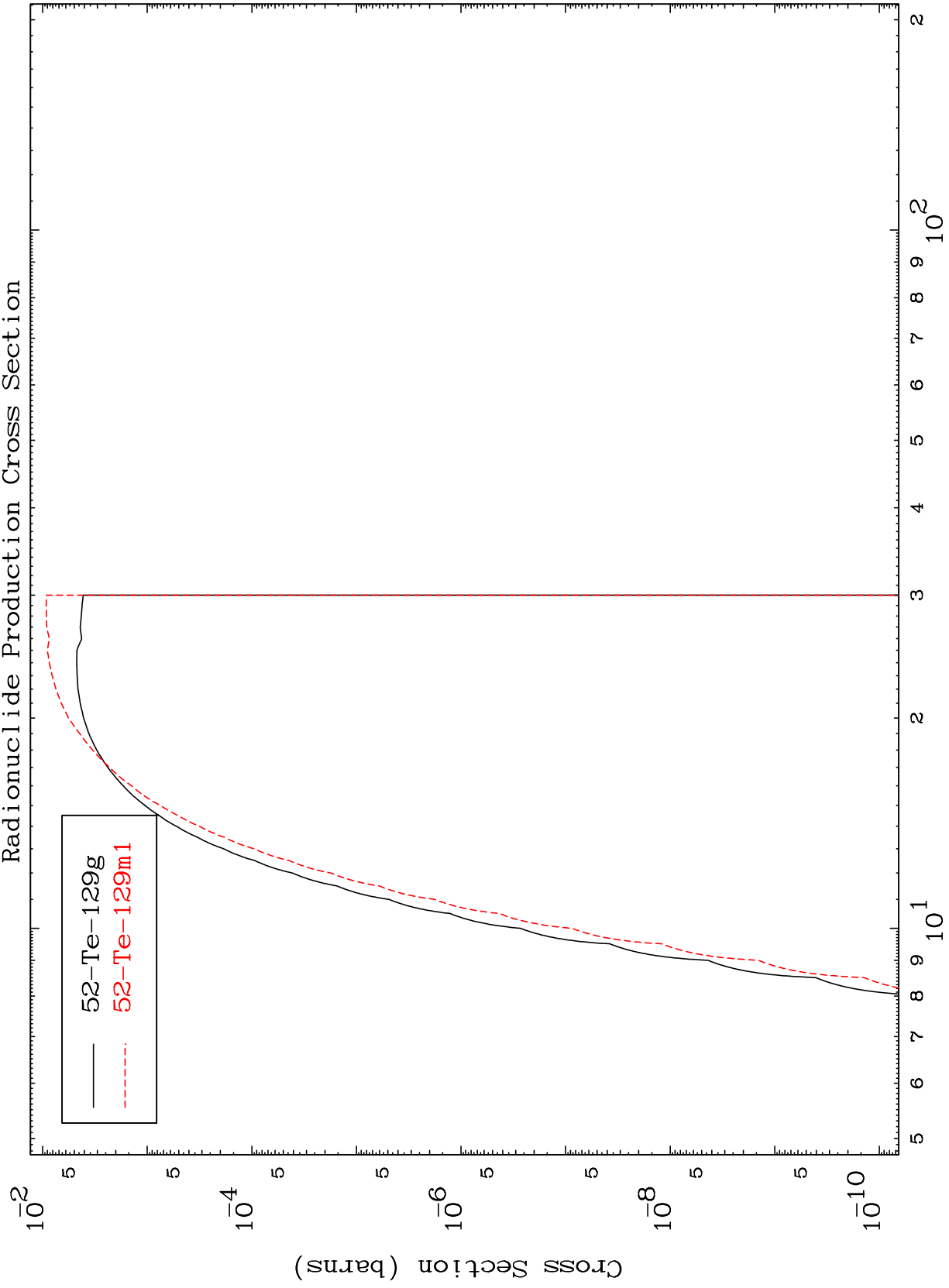
53-I -130

MAT 5335

(n,d)

53-I -130

Radionuclide Production Cross Section



52-Te-129g
52-Te-129m1

28

Incident Energy (MeV)

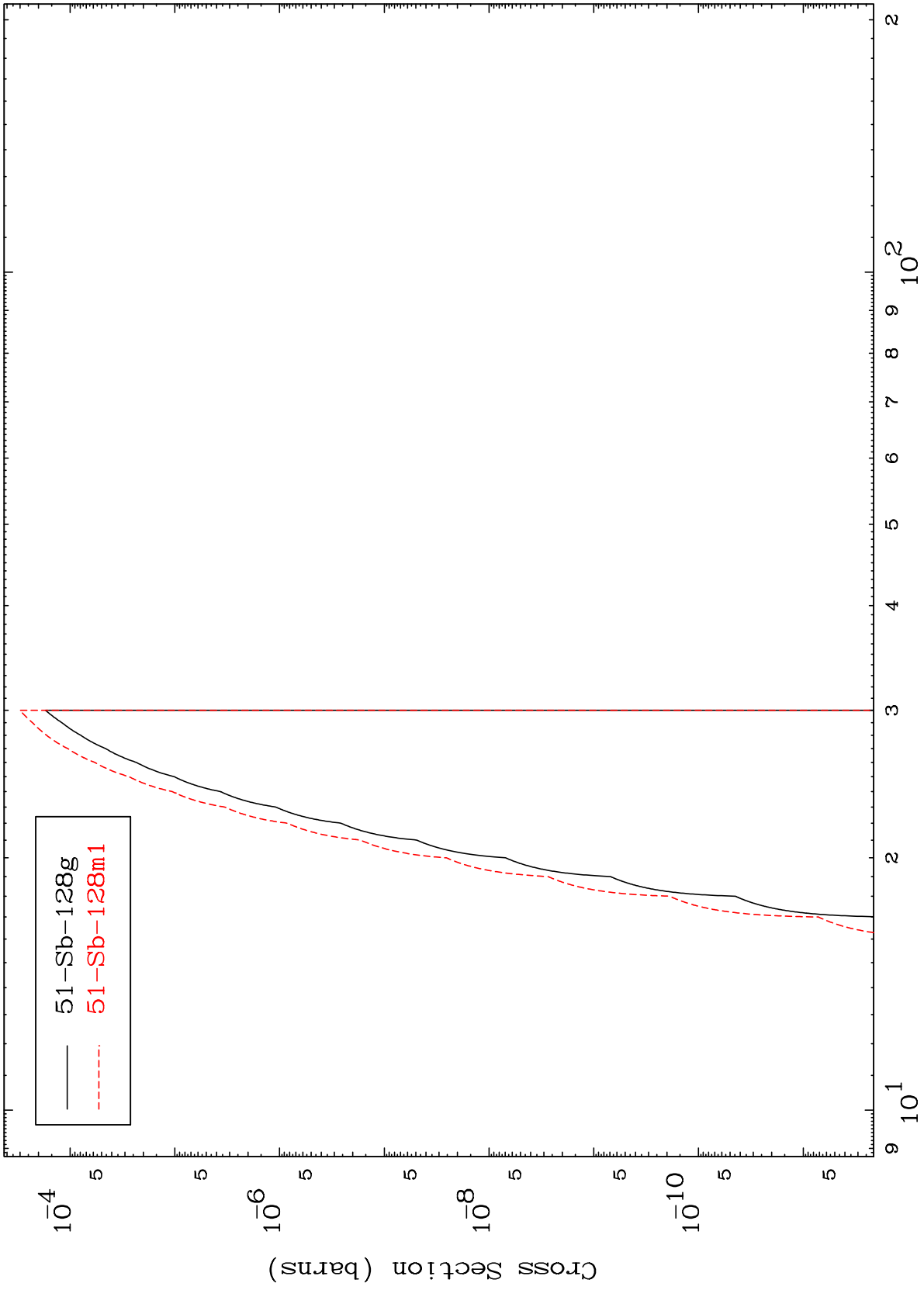
53-I -130

MAT 5335

(n,He-3)

53-I -130

Radionuclide Production Cross Section



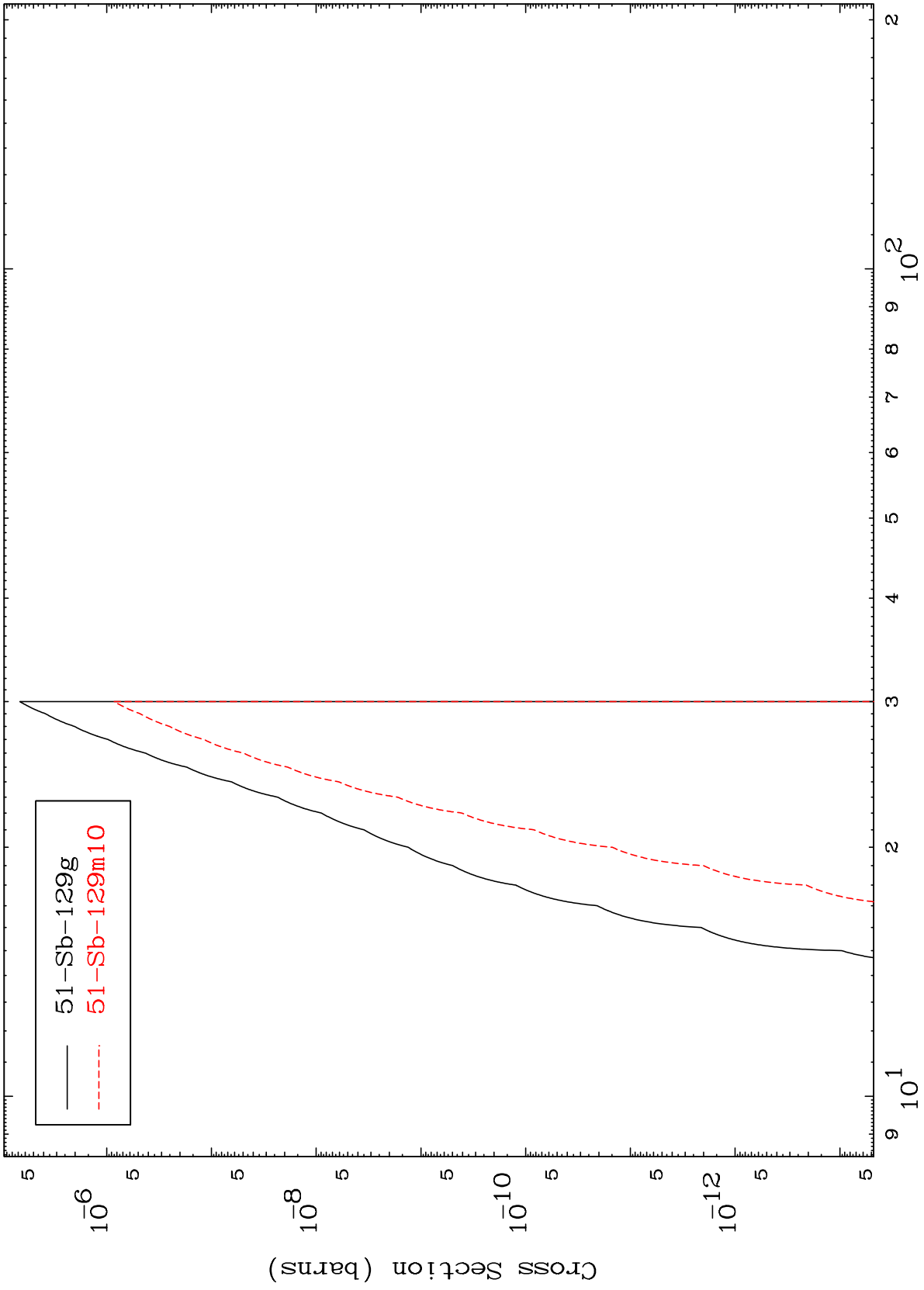
29

53-I -130

MAT 5335

53-I -130

Radionuclide Production Cross Section (n,2p)



30

Incident Energy (MeV)

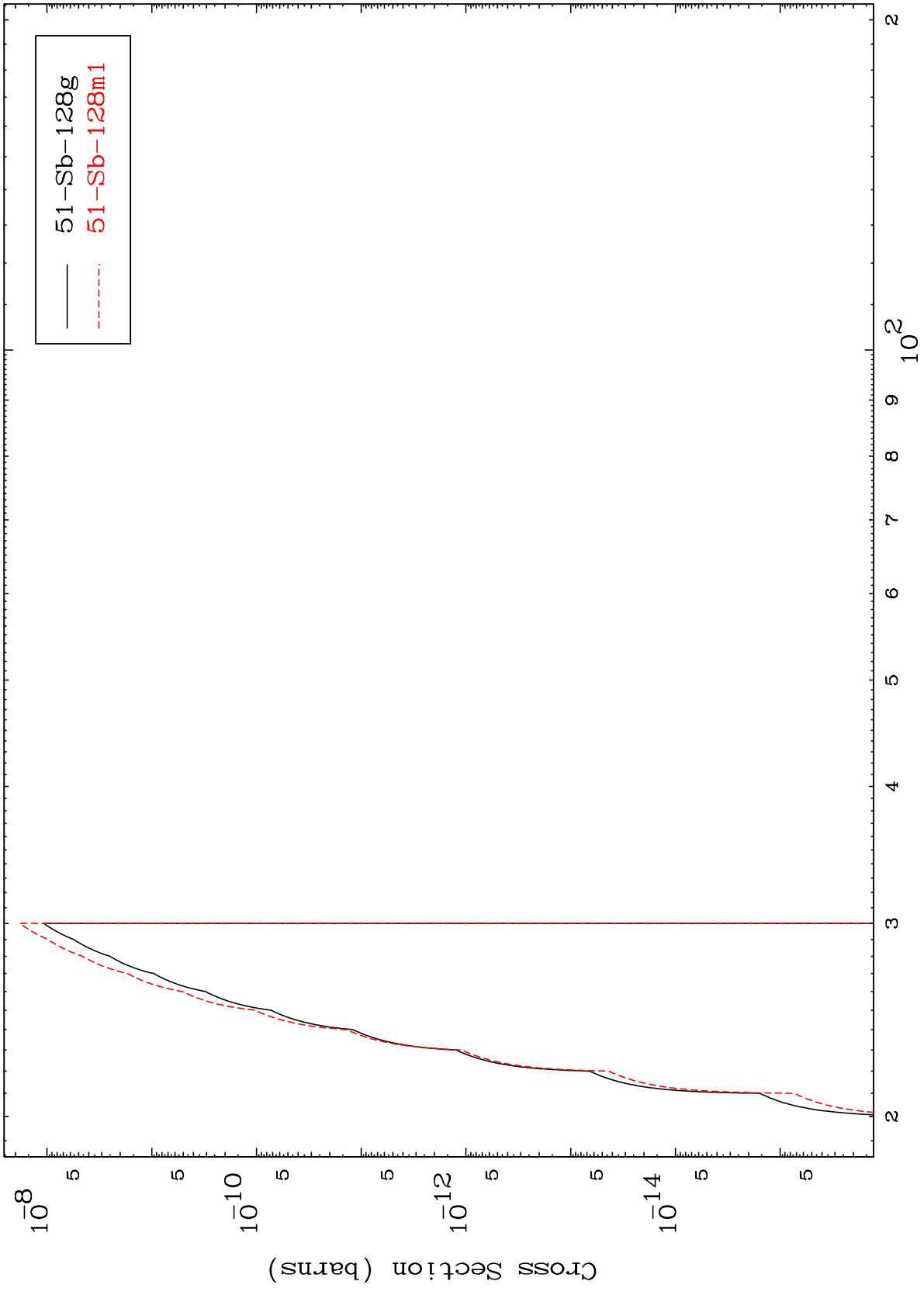
53-I -130

MAT 5335

(n,p) d

53-I -130

Radionuclide Production Cross Section



31

Incident Energy (MeV)

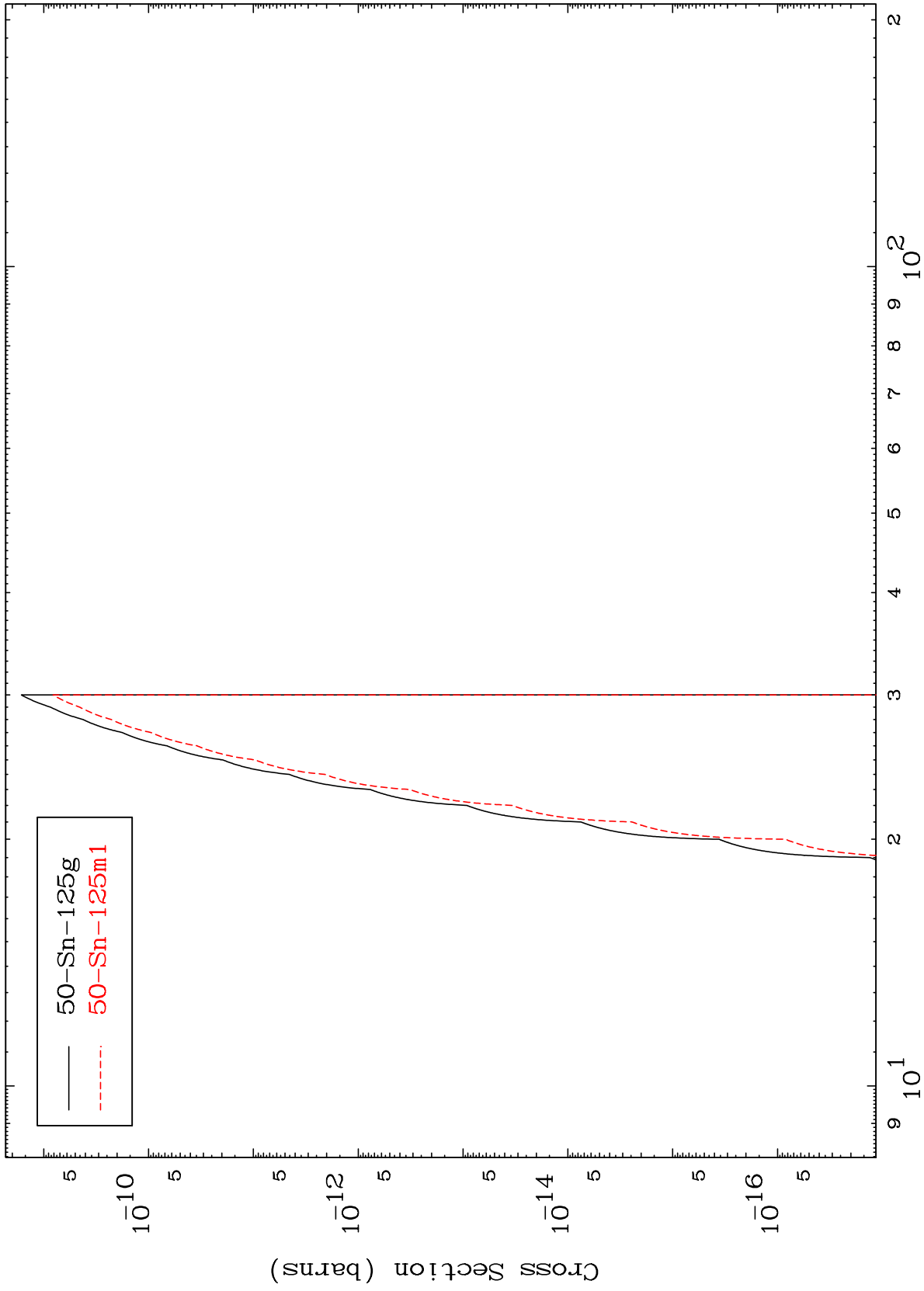
53-I -130

MAT 5335

(n,d) α

53-I -130

Radionuclide Production Cross Section



32

Incident Energy (MeV)

53-I -130