

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

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

Tele: 925-443-1911

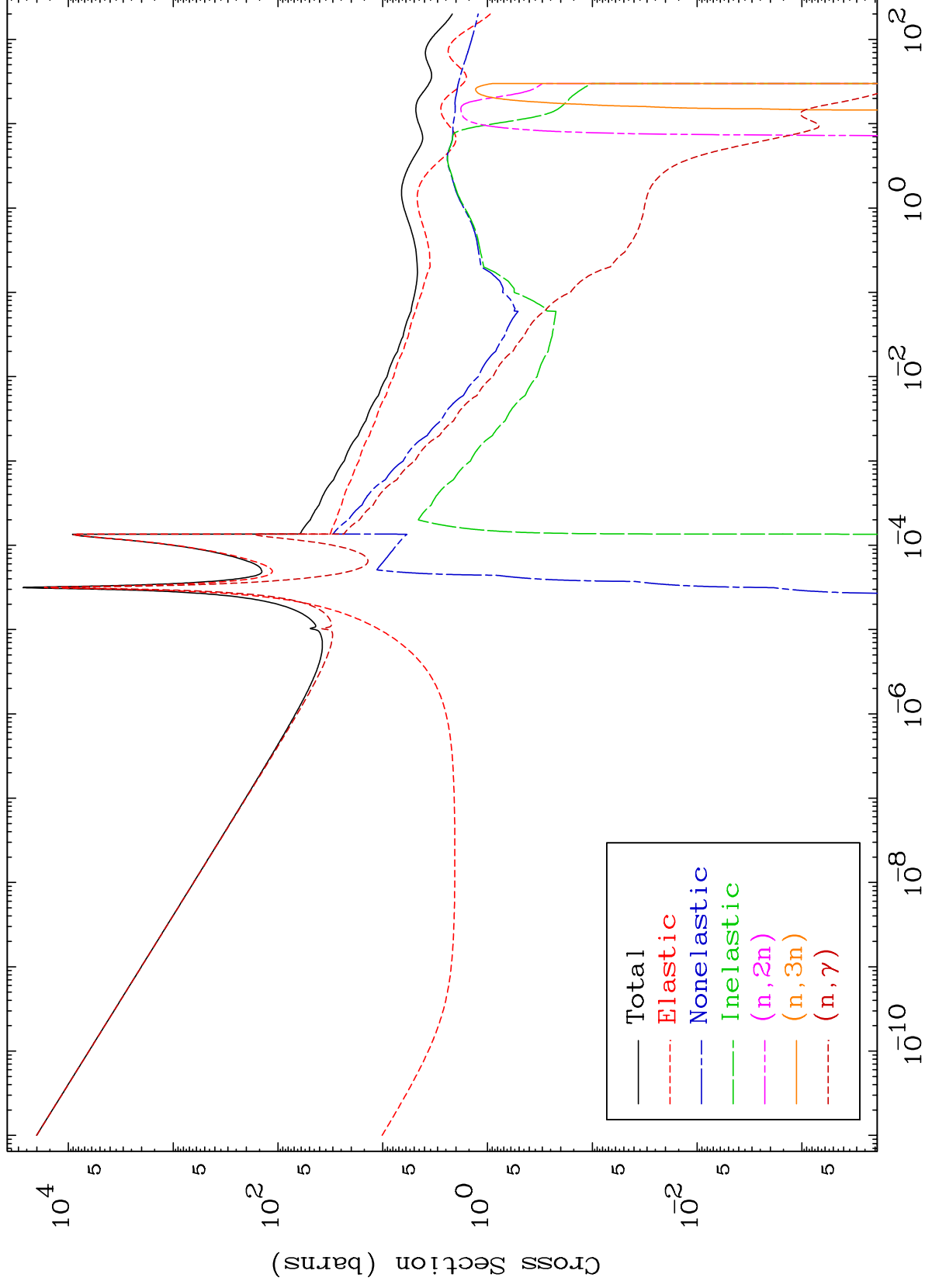
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5532

Neutron Major
293 Kelvin Cross Sections

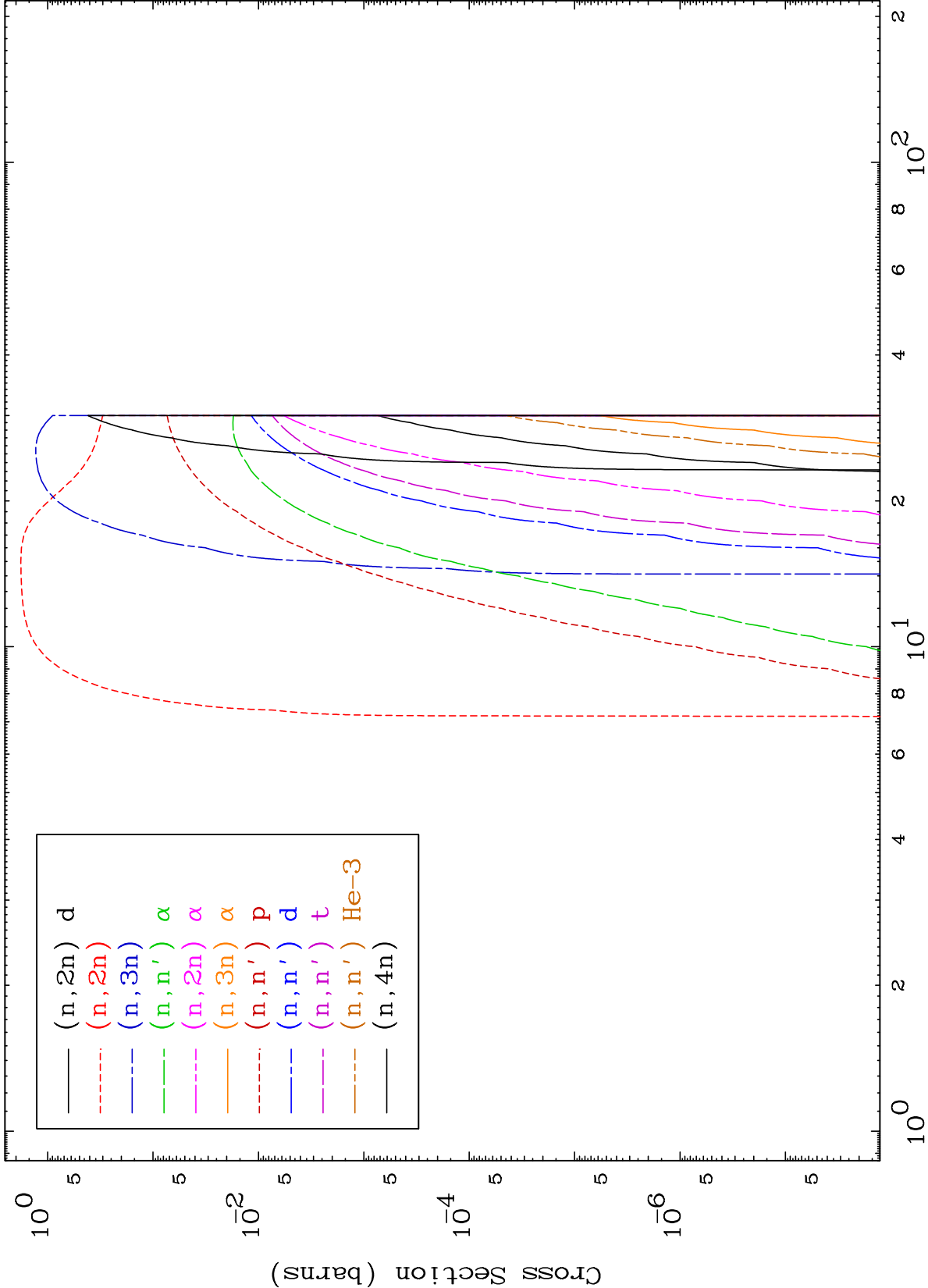
55-Cs-135m



MAT 5532

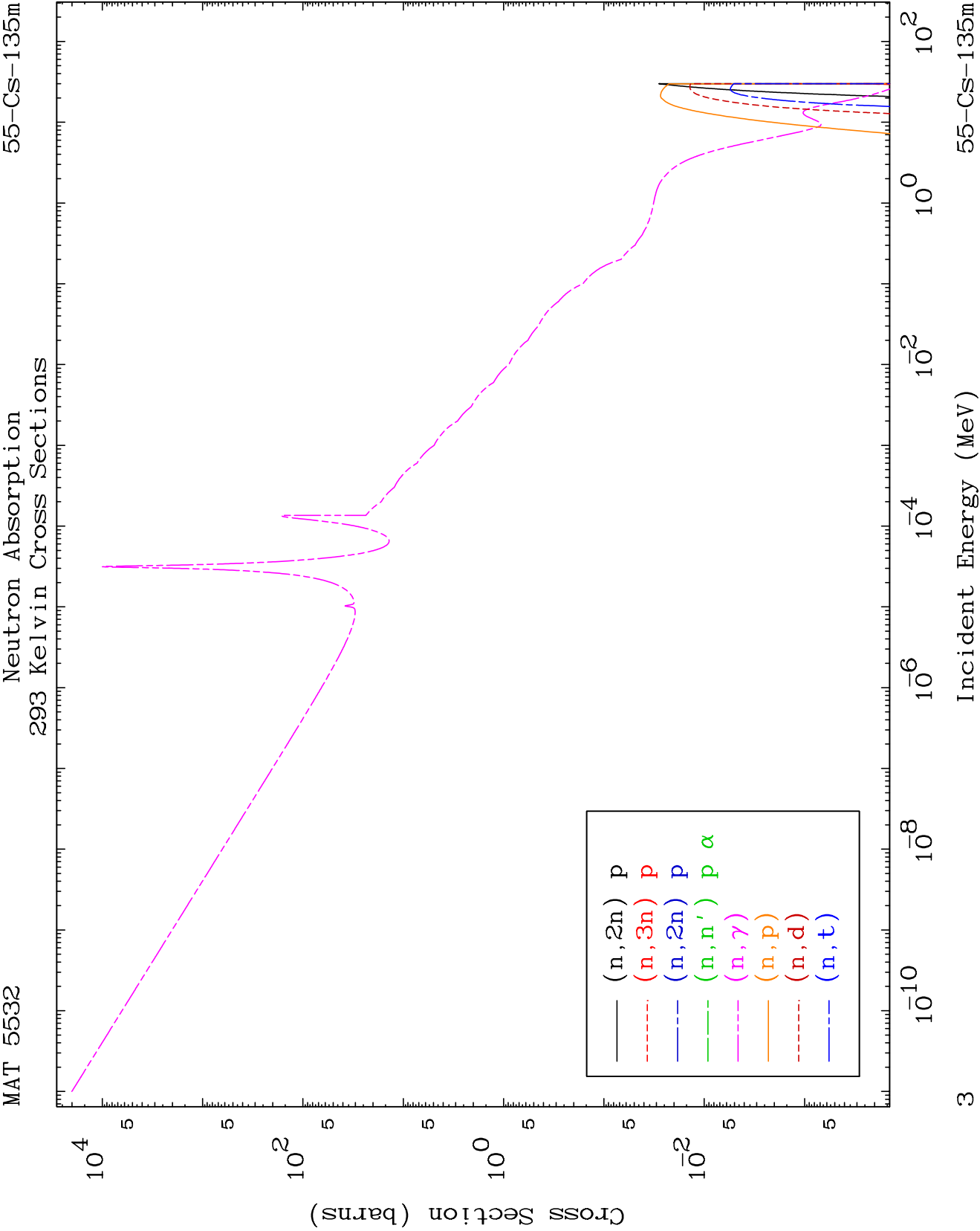
Neutron Absorption
293 Kelvin Cross Sections

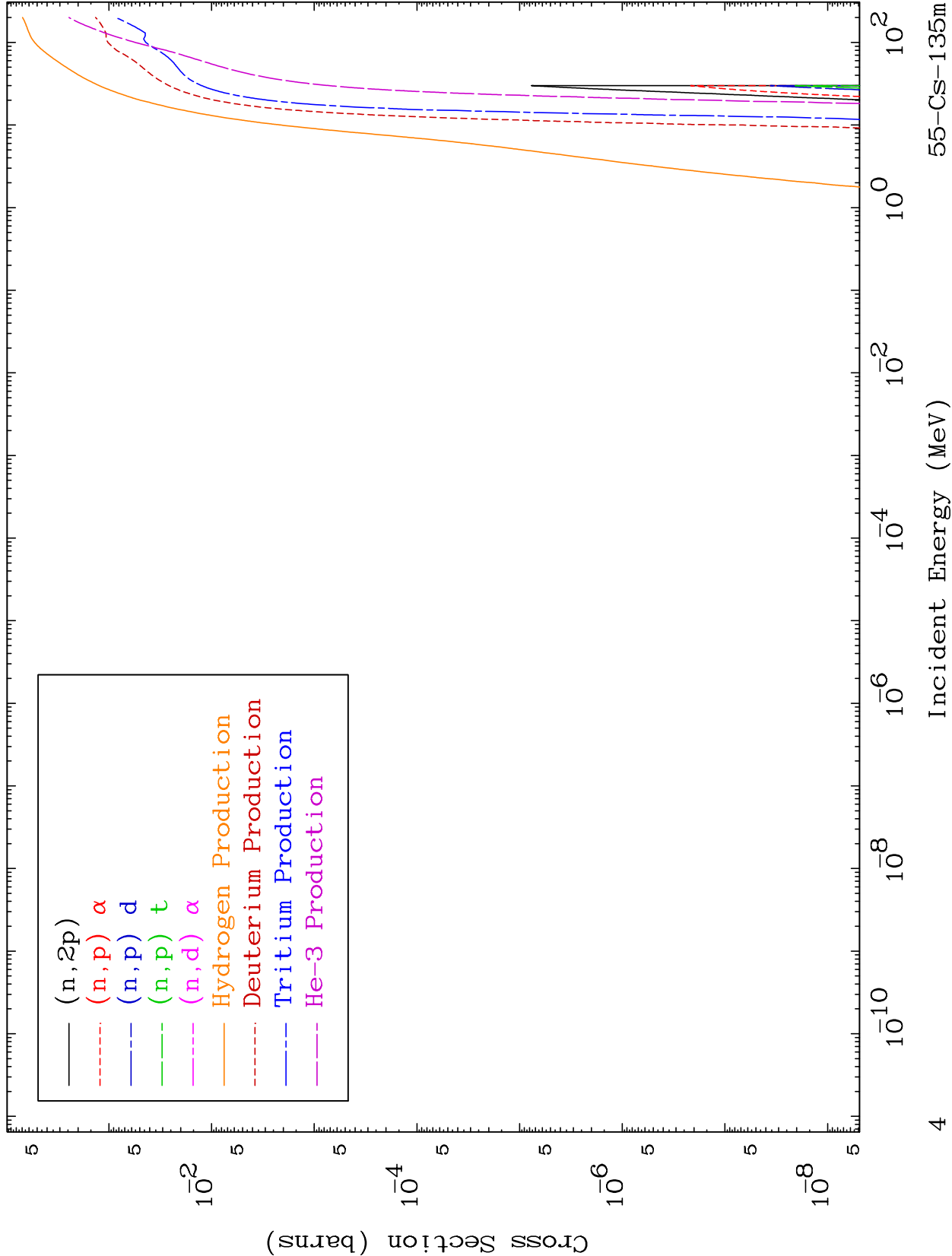
55-Cs-135m



Incident Energy (MeV)

55-Cs-135m

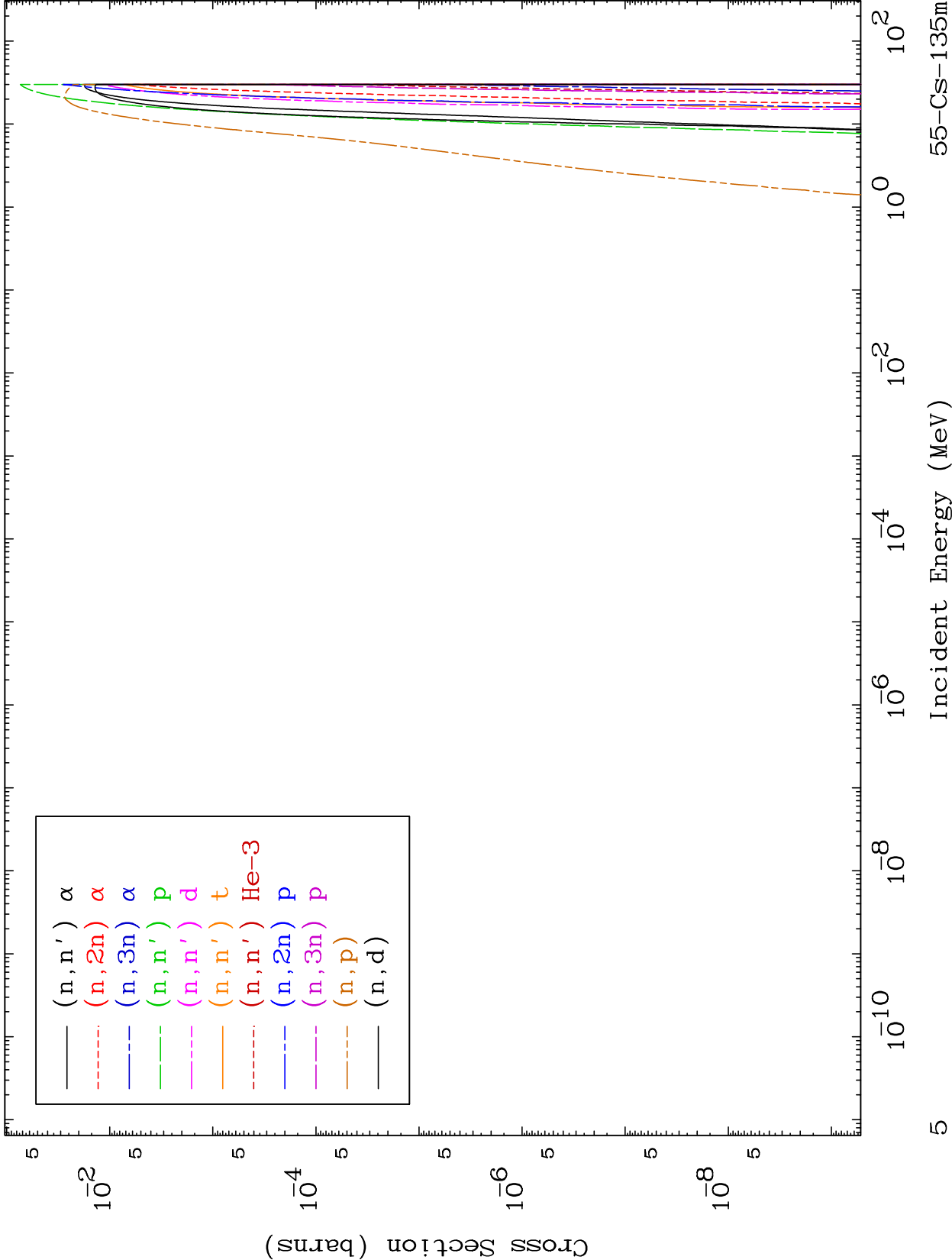




MAT 5532

Charged Particle
293 Kelvin Cross Sections

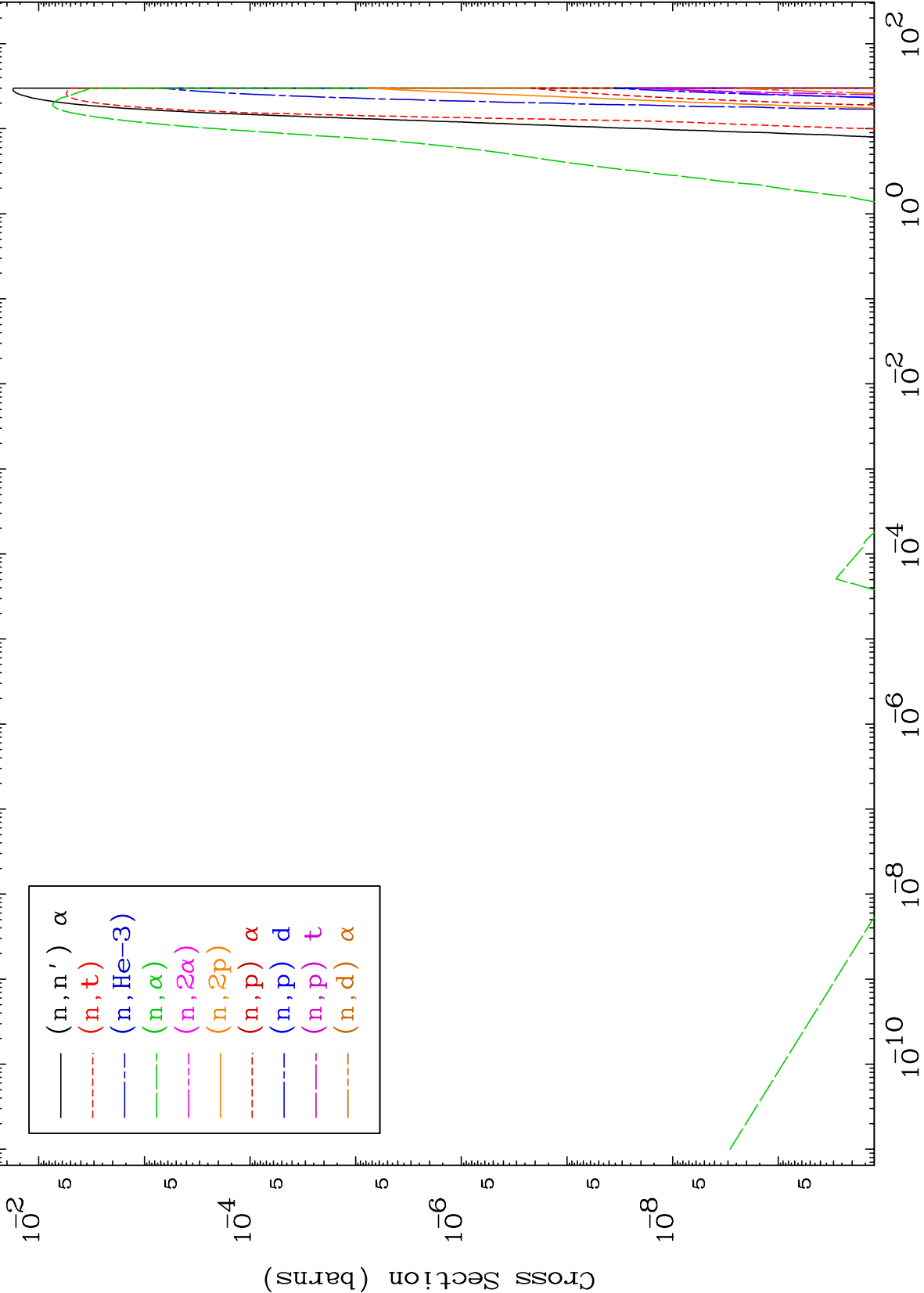
55-Cs-135m



MAT 5532

Charged Particle
293 Kelvin Cross Sections

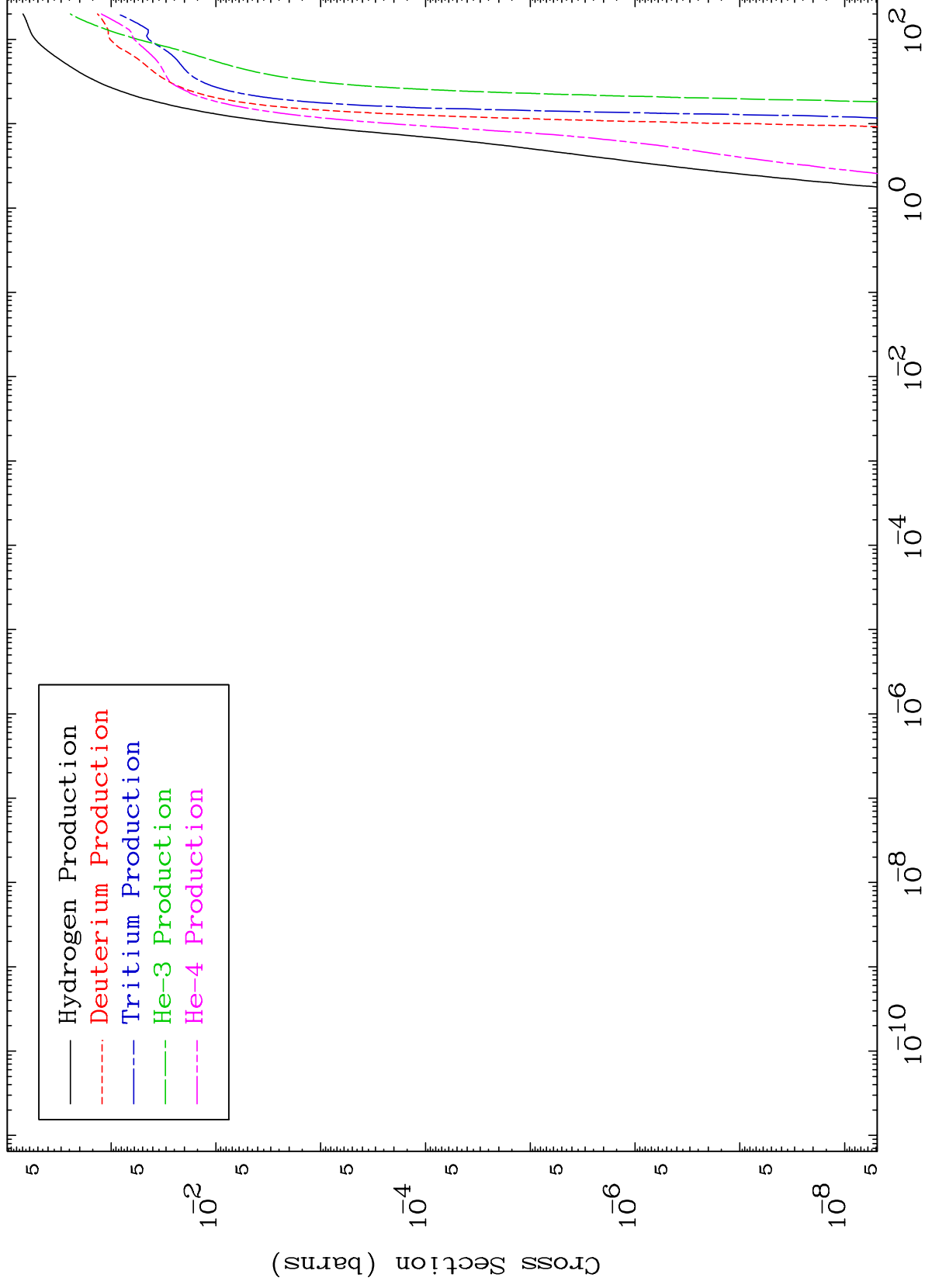
55-Cs-135m

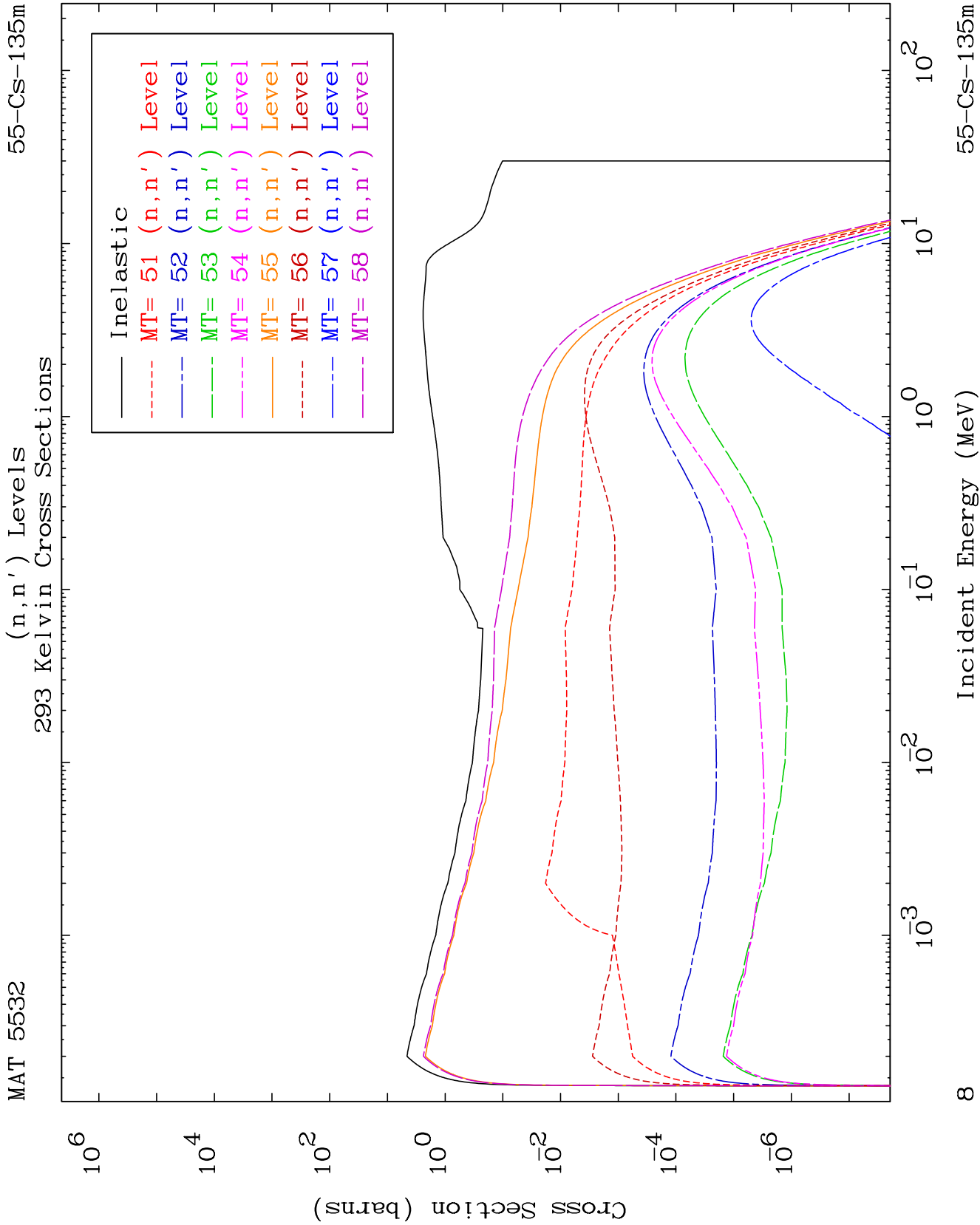


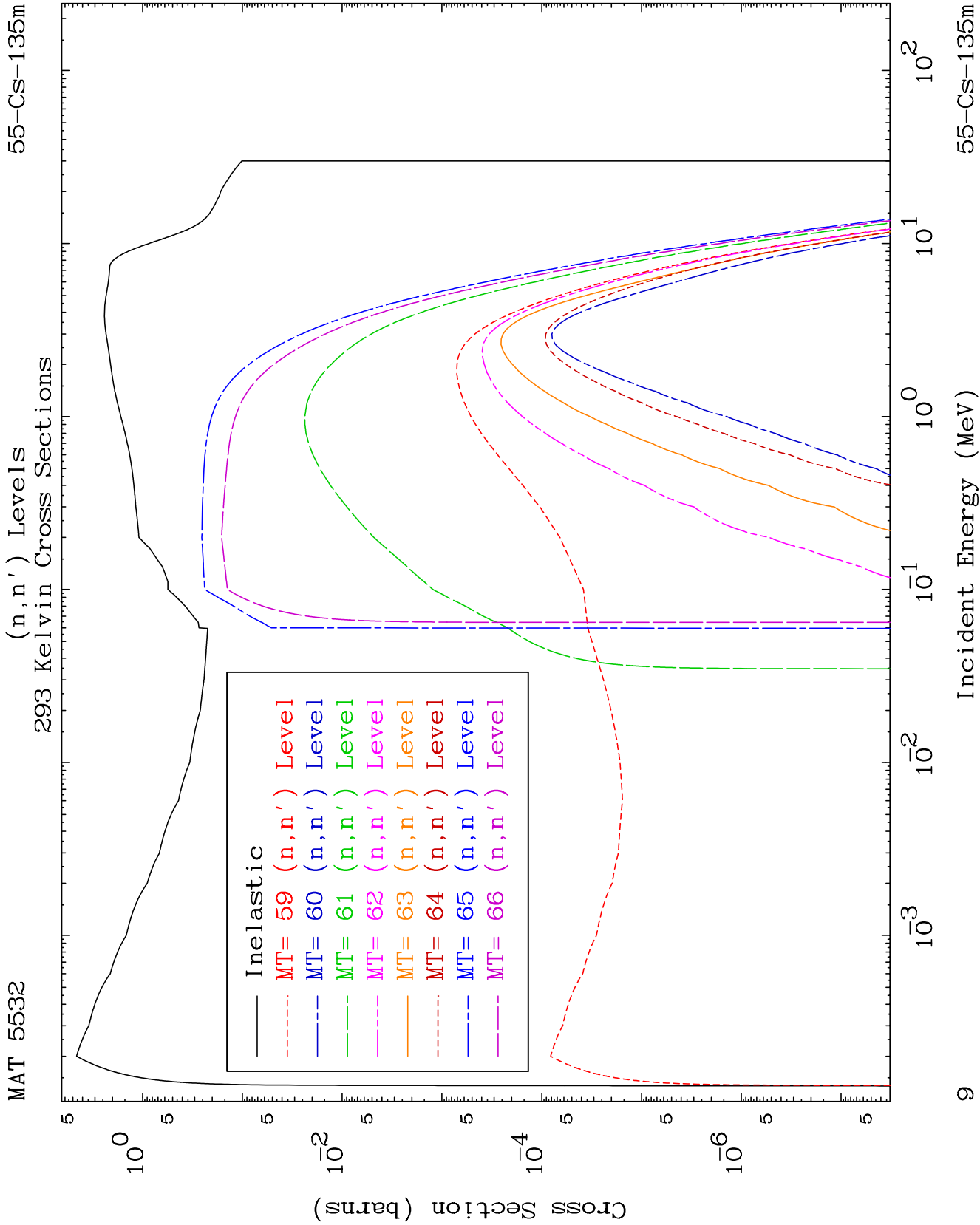
MAT 5532

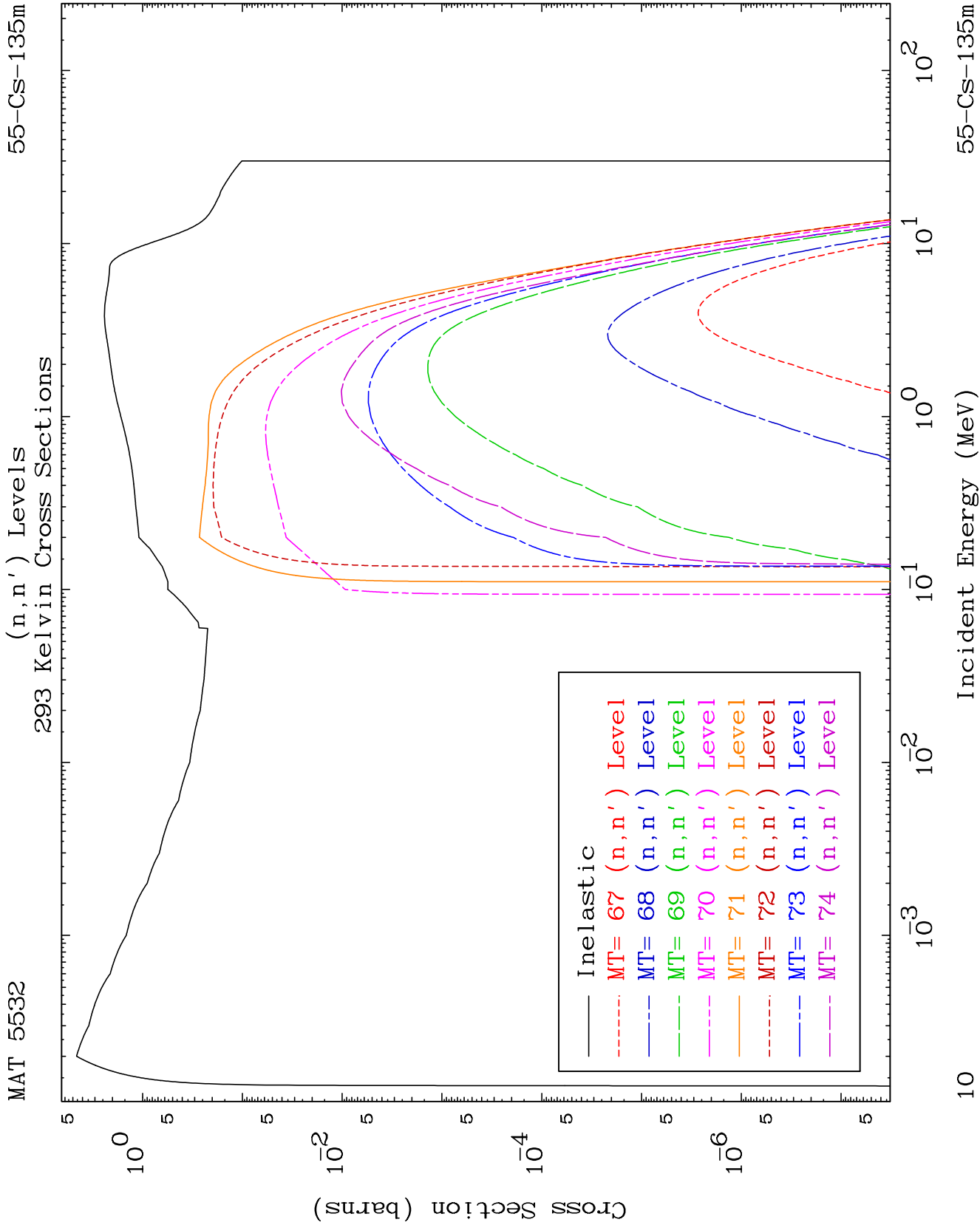
Particle Production
293 Kelvin Cross Sections

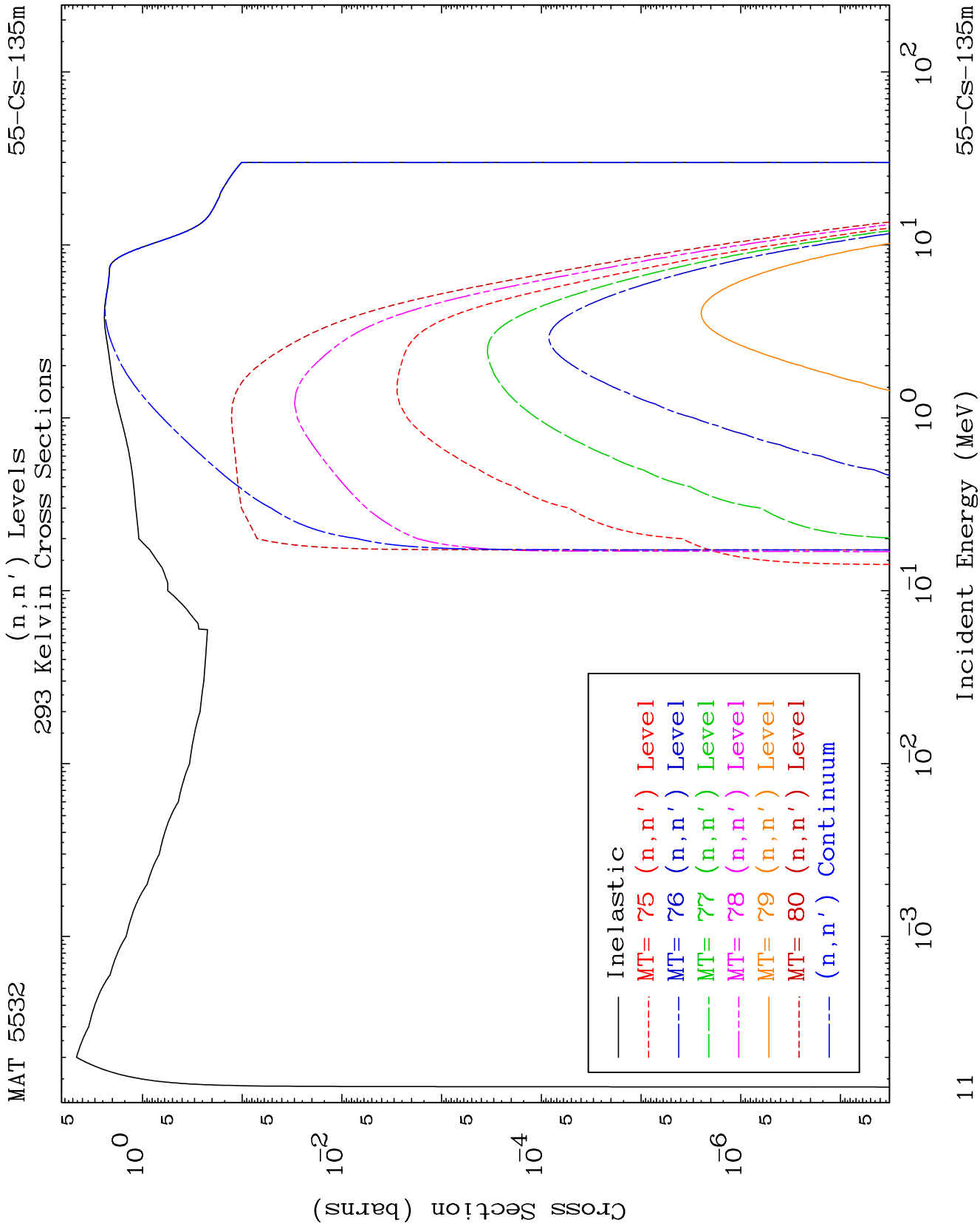
55-Cs-135m







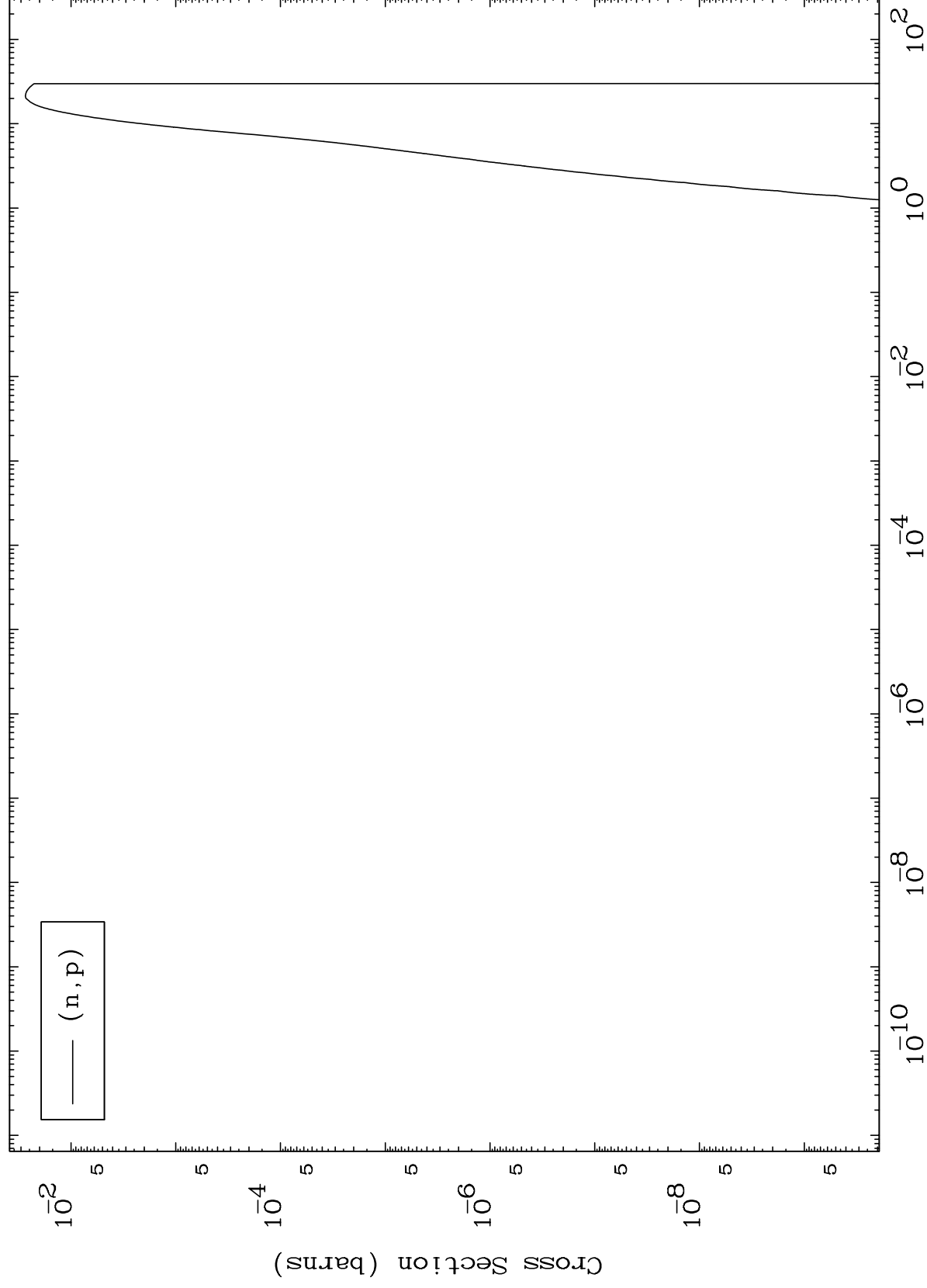




MAT 5532

(n,p) Levels
293 Kelvin Cross Sections

55-Cs-135m



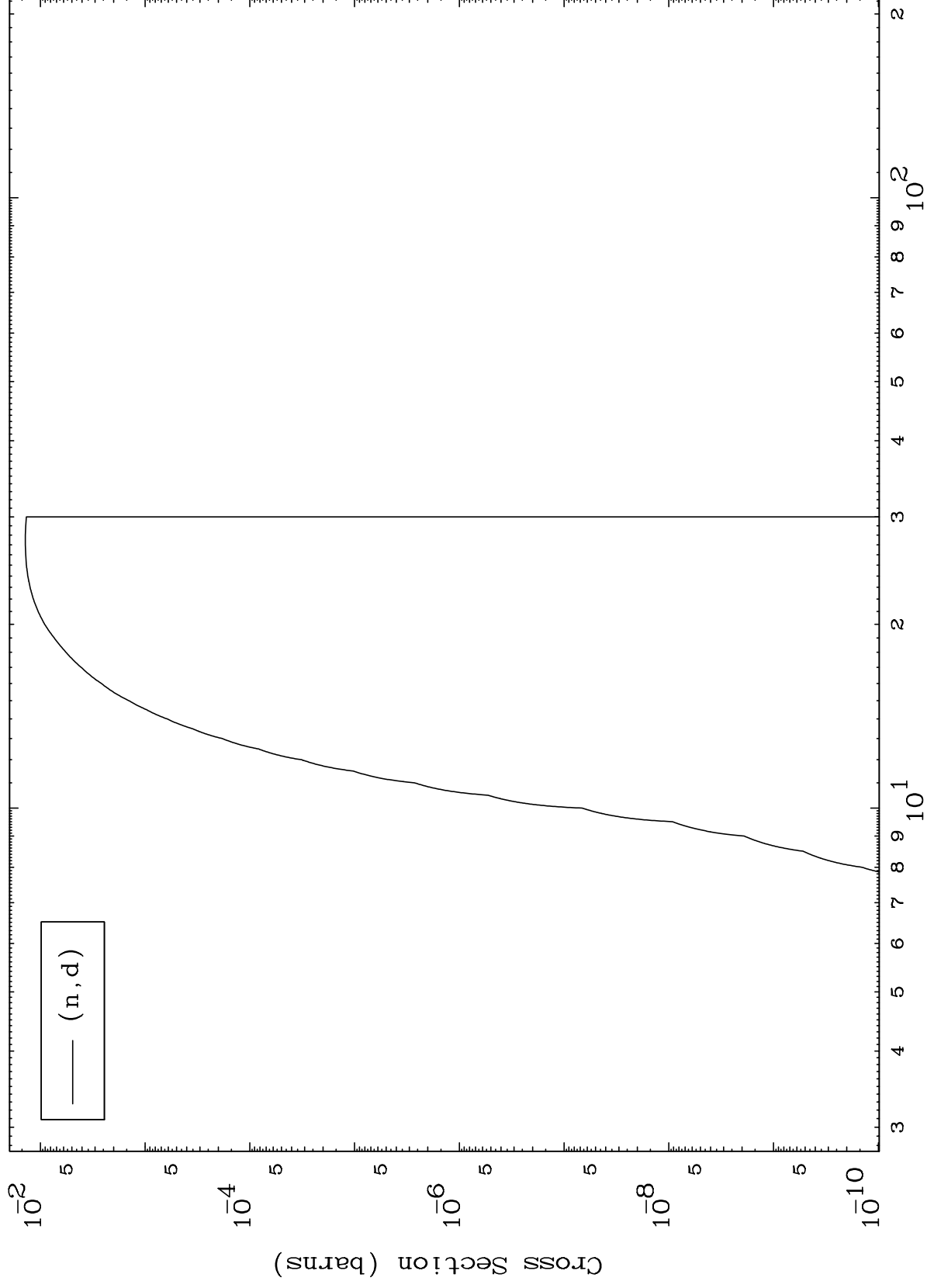
12

55-Cs-135m

MAT 5532

(n,d) Levels
293 Kelvin Cross Sections

55-Cs-135m



13

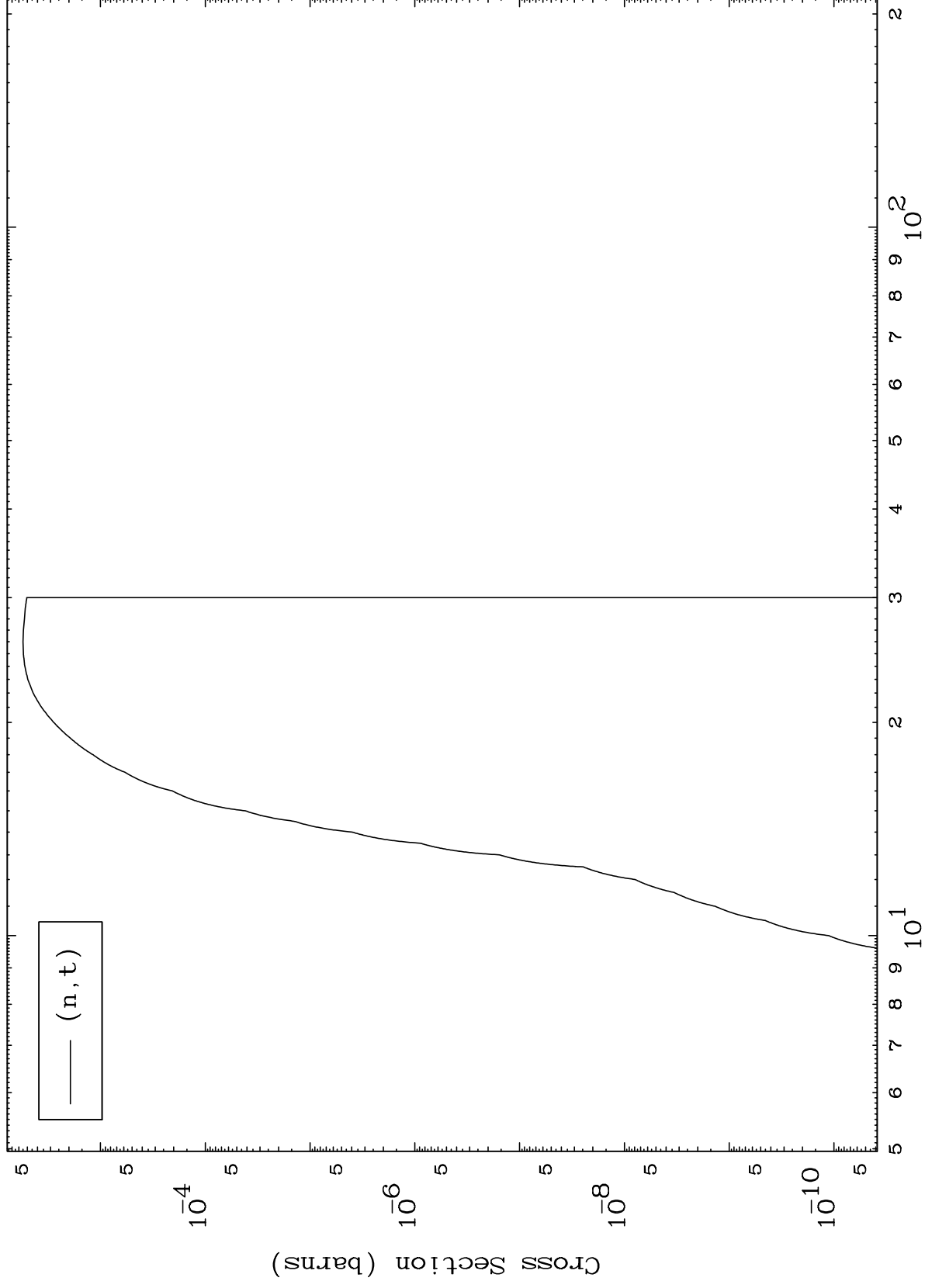
Incident Energy (MeV)

55-Cs-135m

MAT 5532

(n,t) Levels
293 Kelvin Cross Sections

55-Cs-135m



14

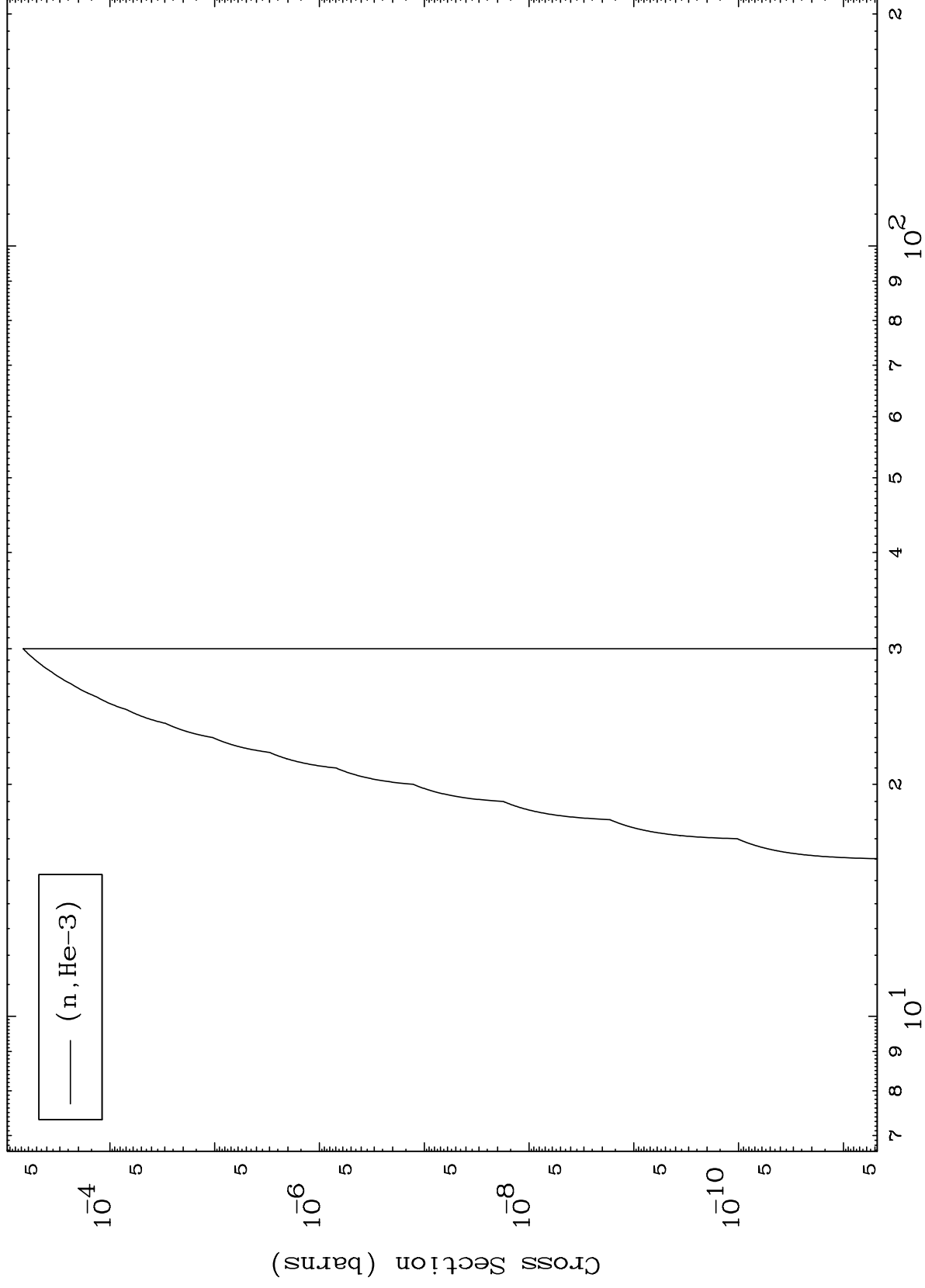
Incident Energy (MeV)

55-Cs-135m

MAT 5532

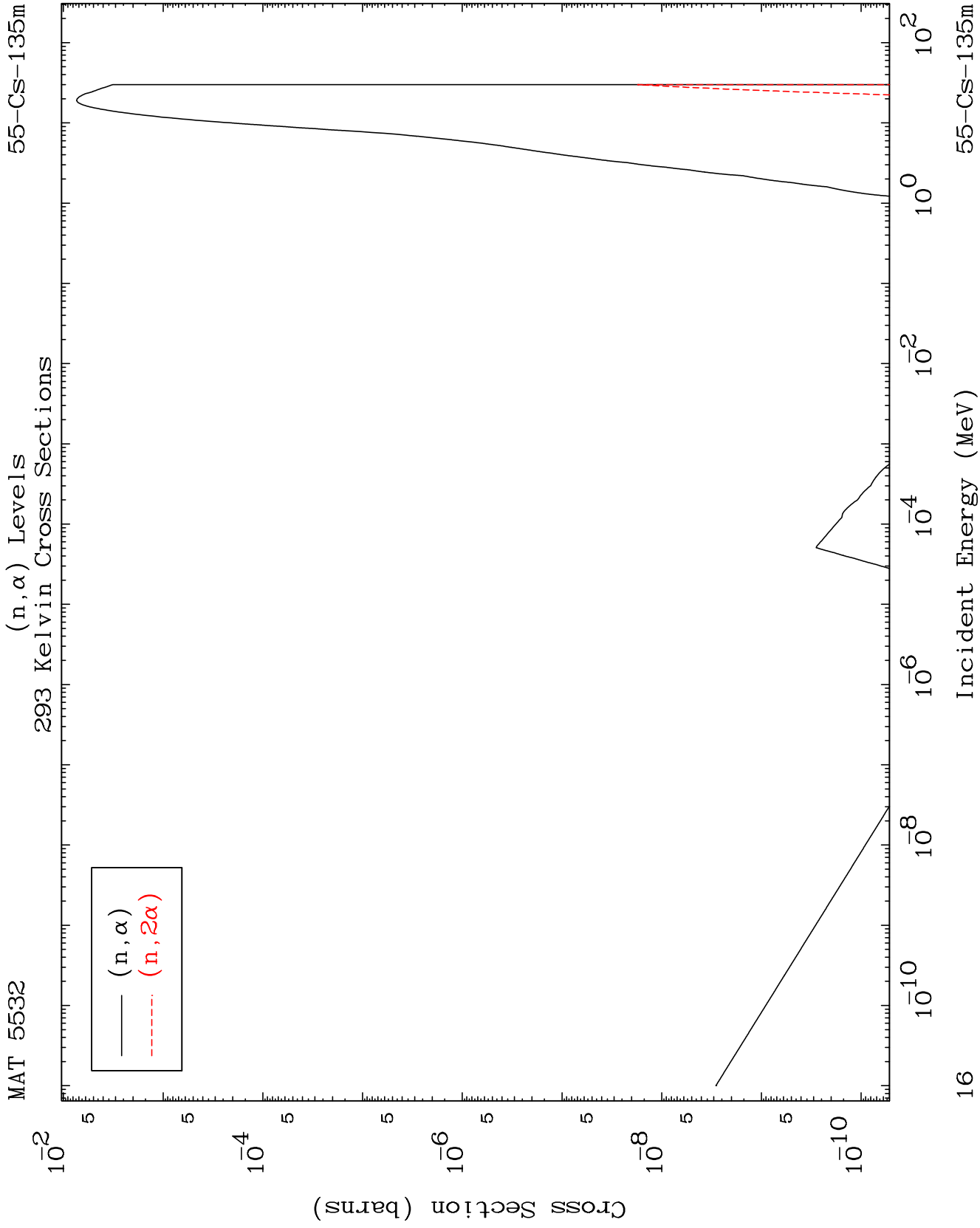
(n,He3) Levels
293 Kelvin Cross Sections

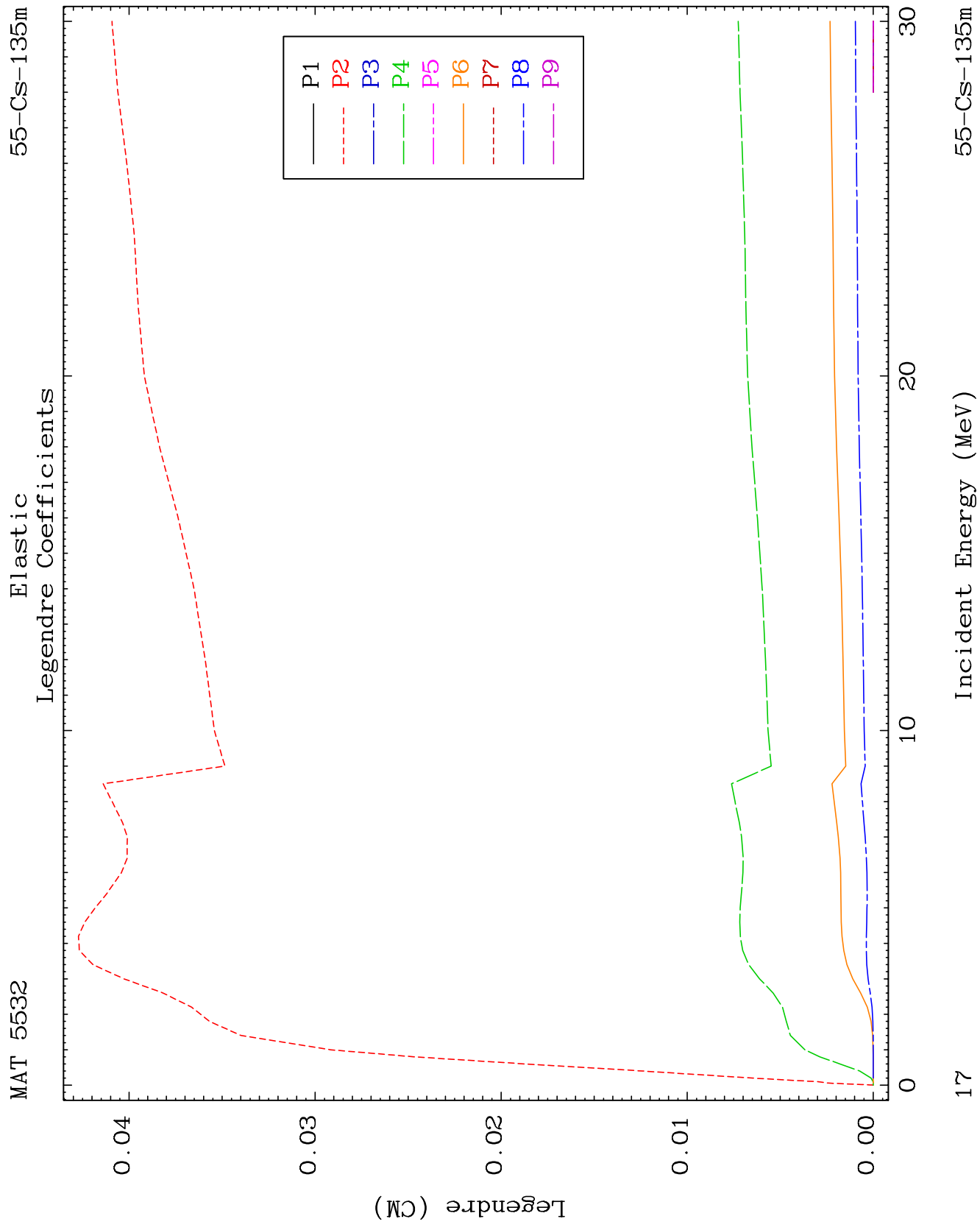
55-Cs-135m

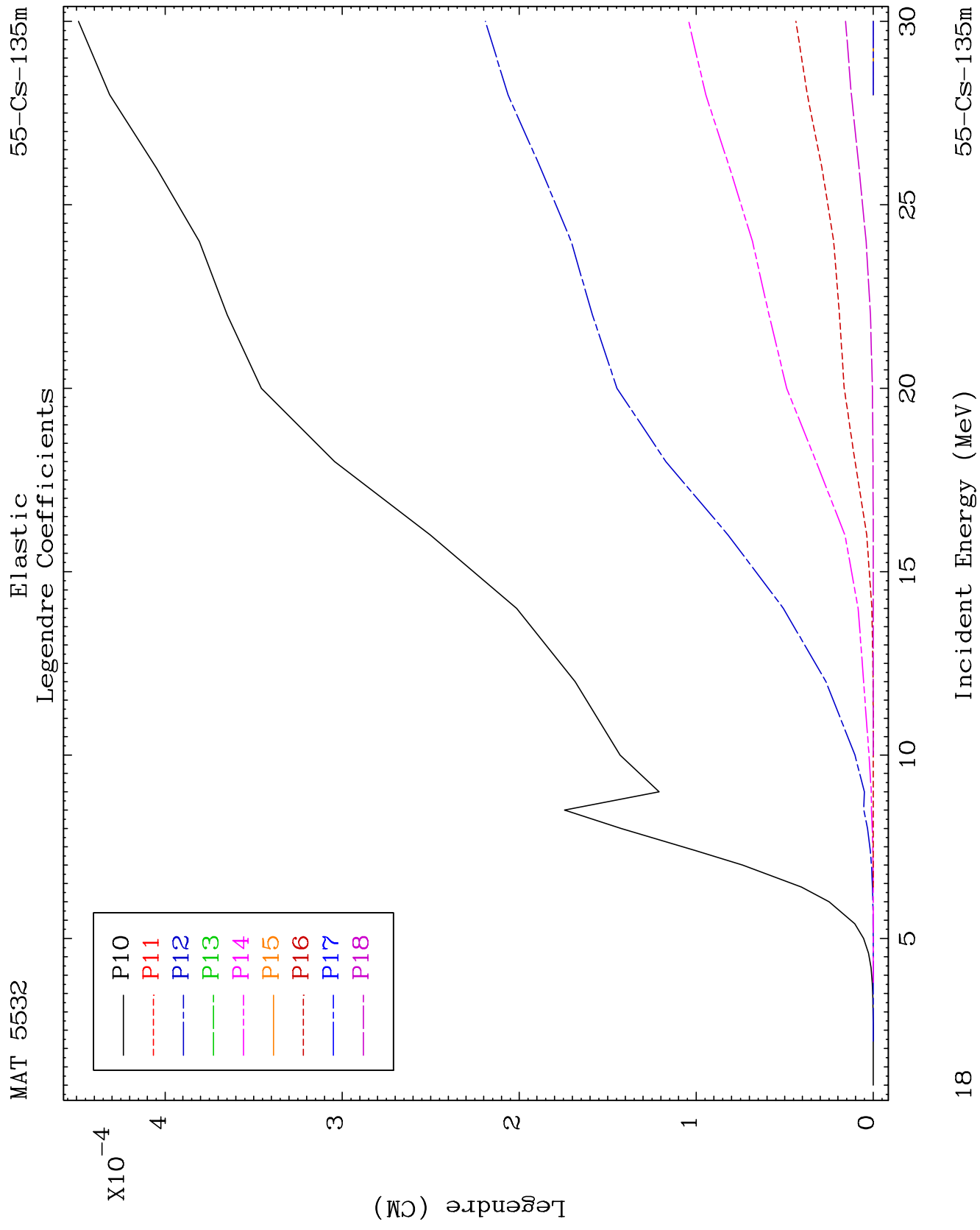


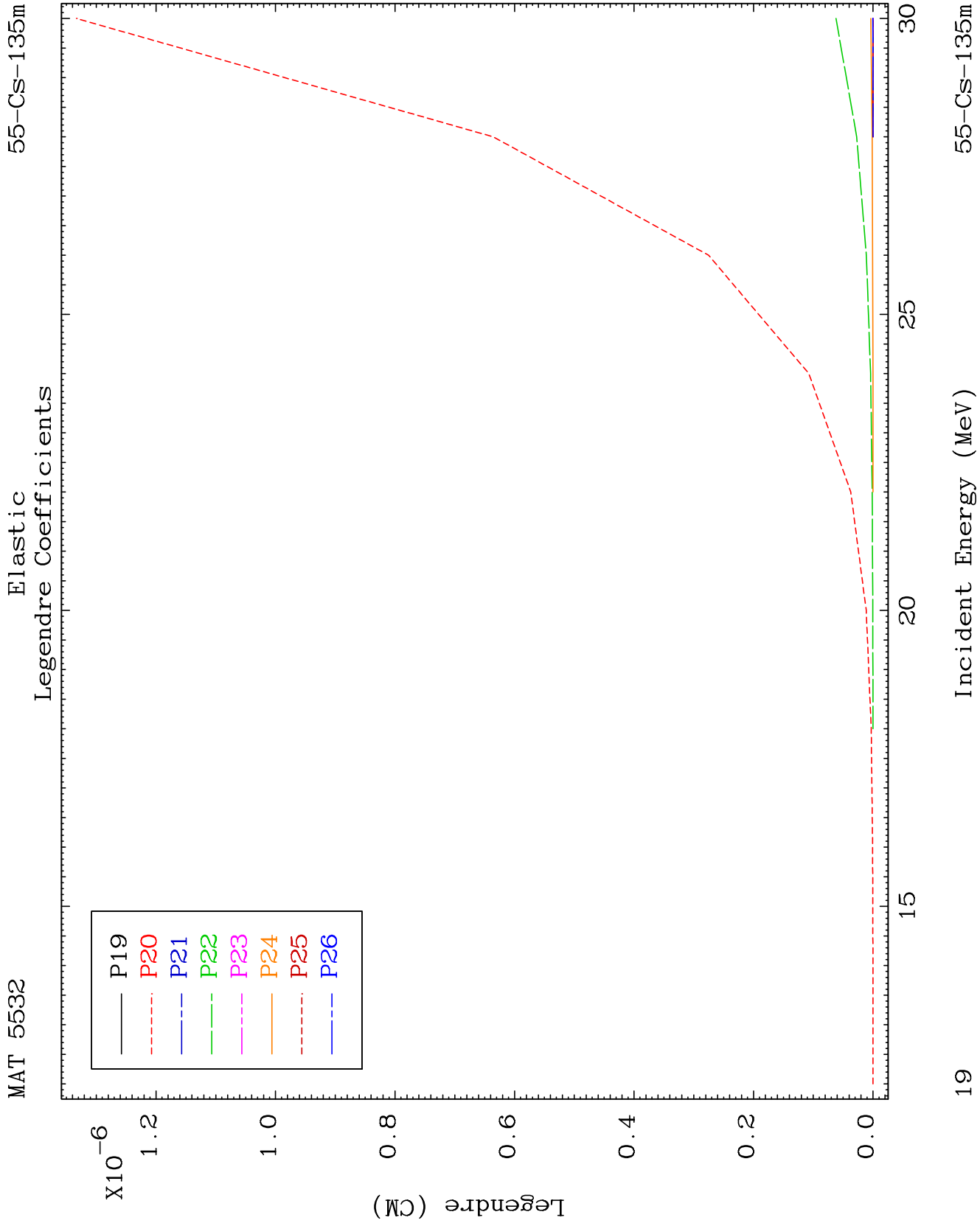
Incident Energy (MeV)

55-Cs-135m





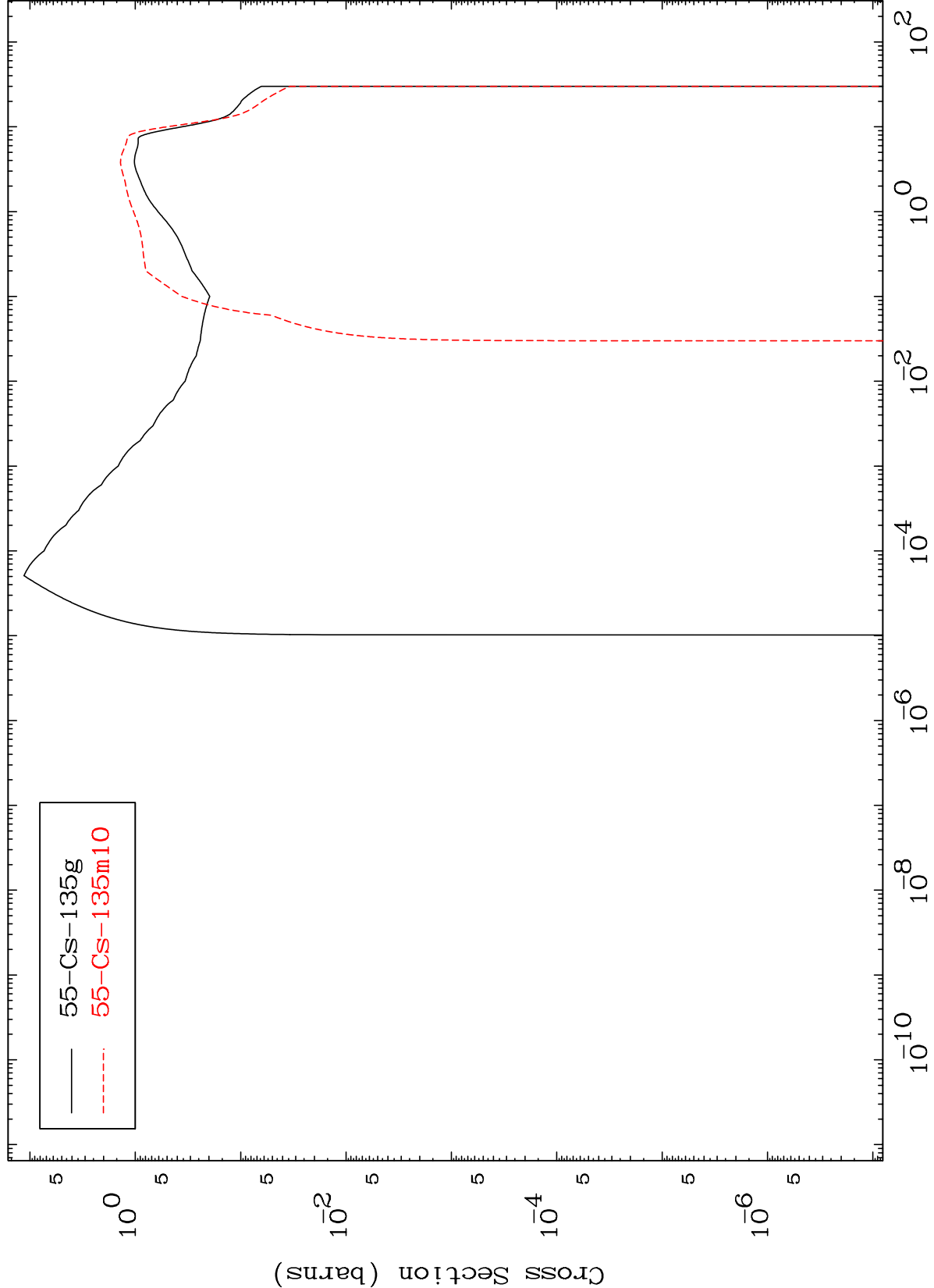




MAT 5532

Radionuclide Production Cross Section

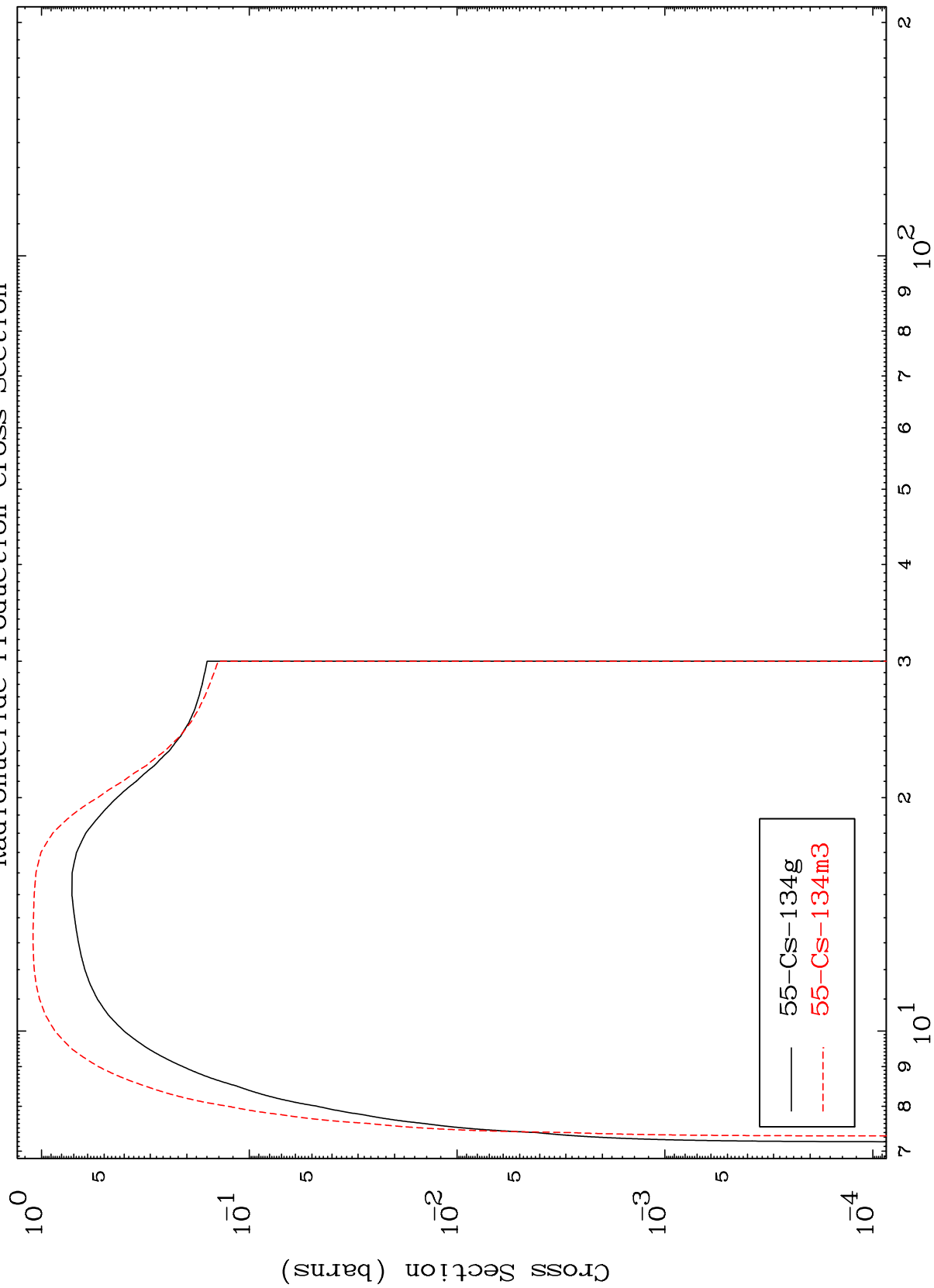
55-Cs-135m



MAT 5532

55-Cs-135m

(n,2n)
Radionuclide Production Cross Section



55-Cs-135m

Incident Energy (MeV)

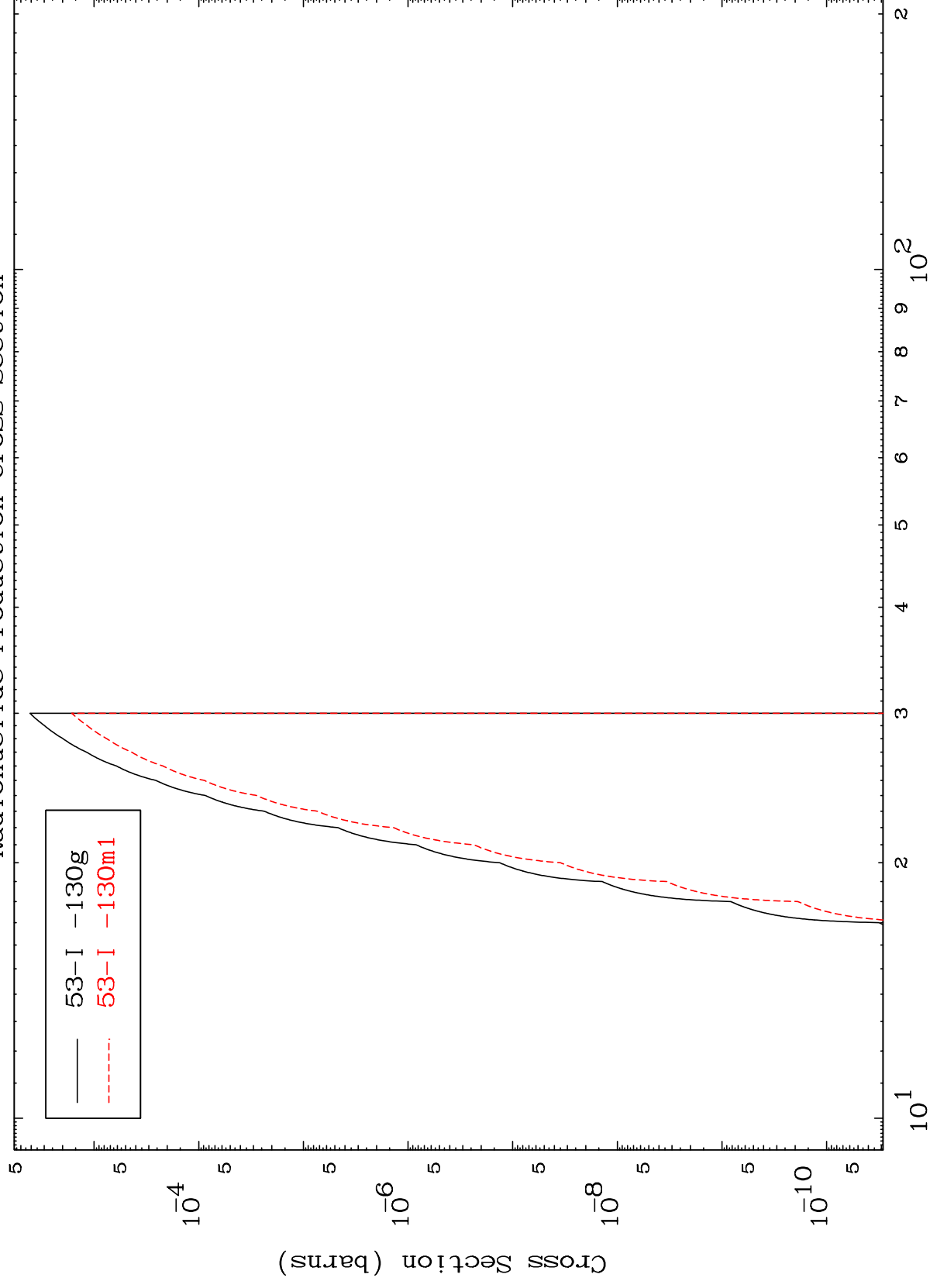
21

MAT 5532

55-CS-135m

$$(n, 2n) \propto$$

Radionuclide Production Cross Section



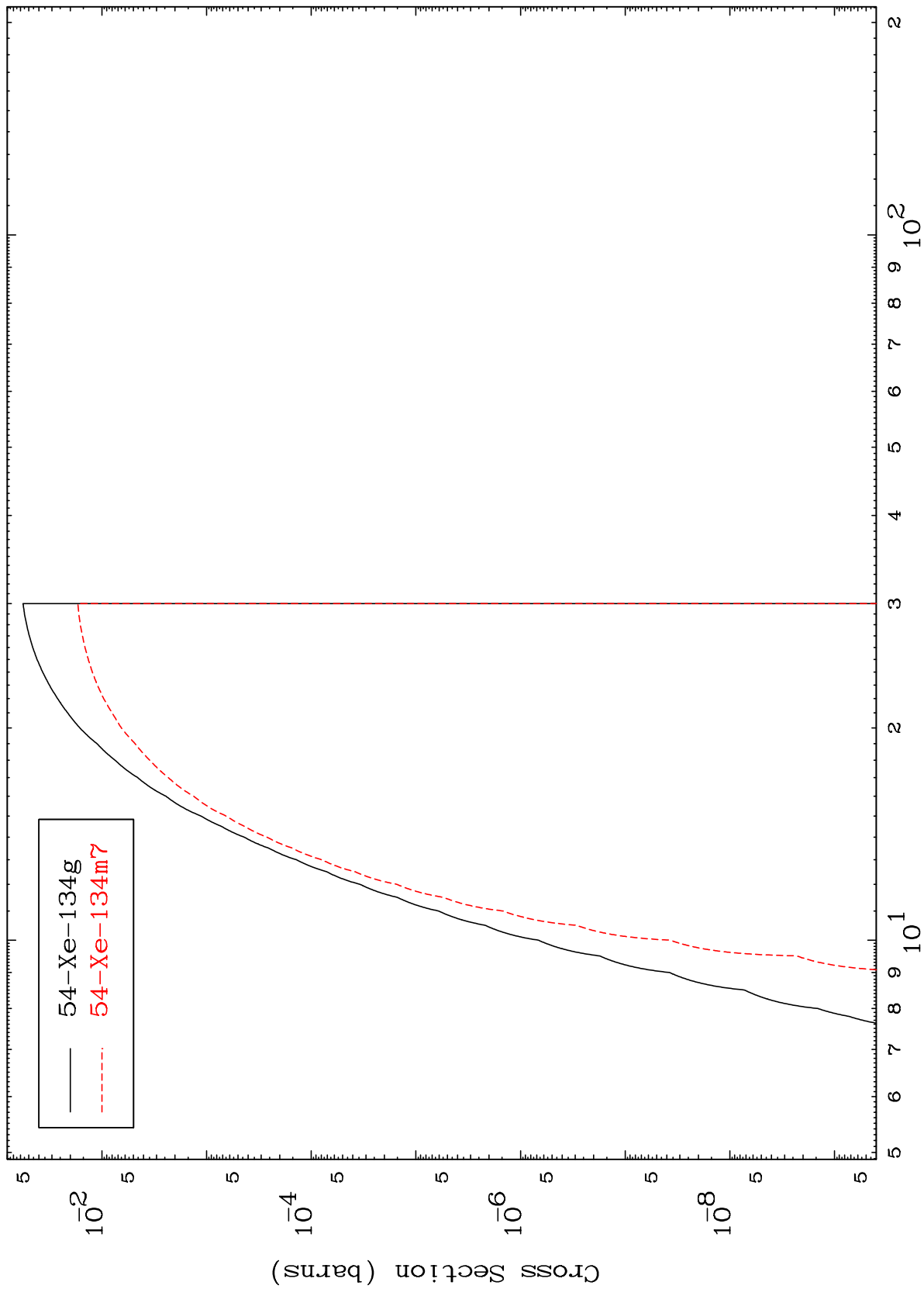
55-CS-135m

Incident Energy (MeV)

MAT 5532

55-Cs-135m

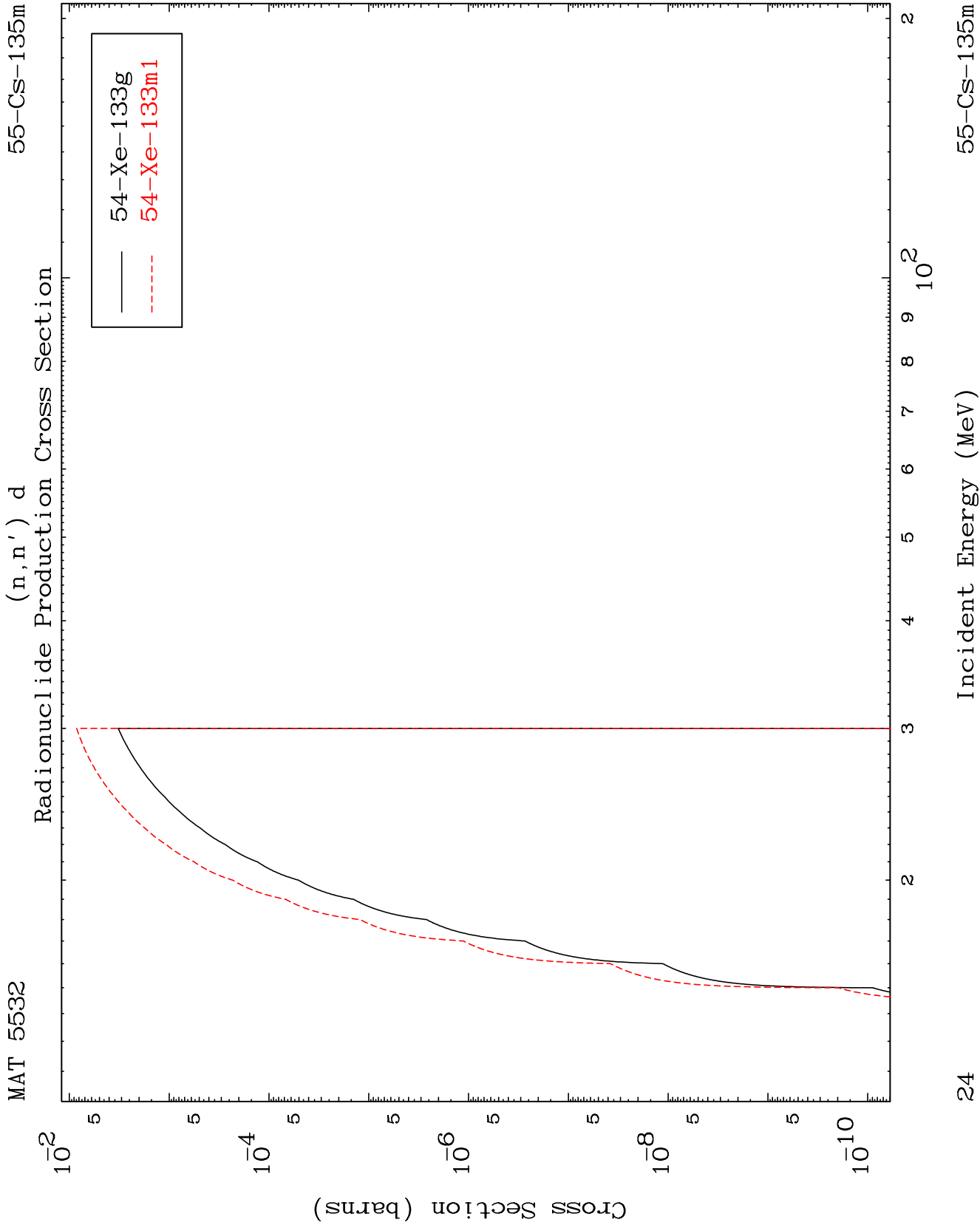
(n,n') p
Radionuclide Production Cross Section



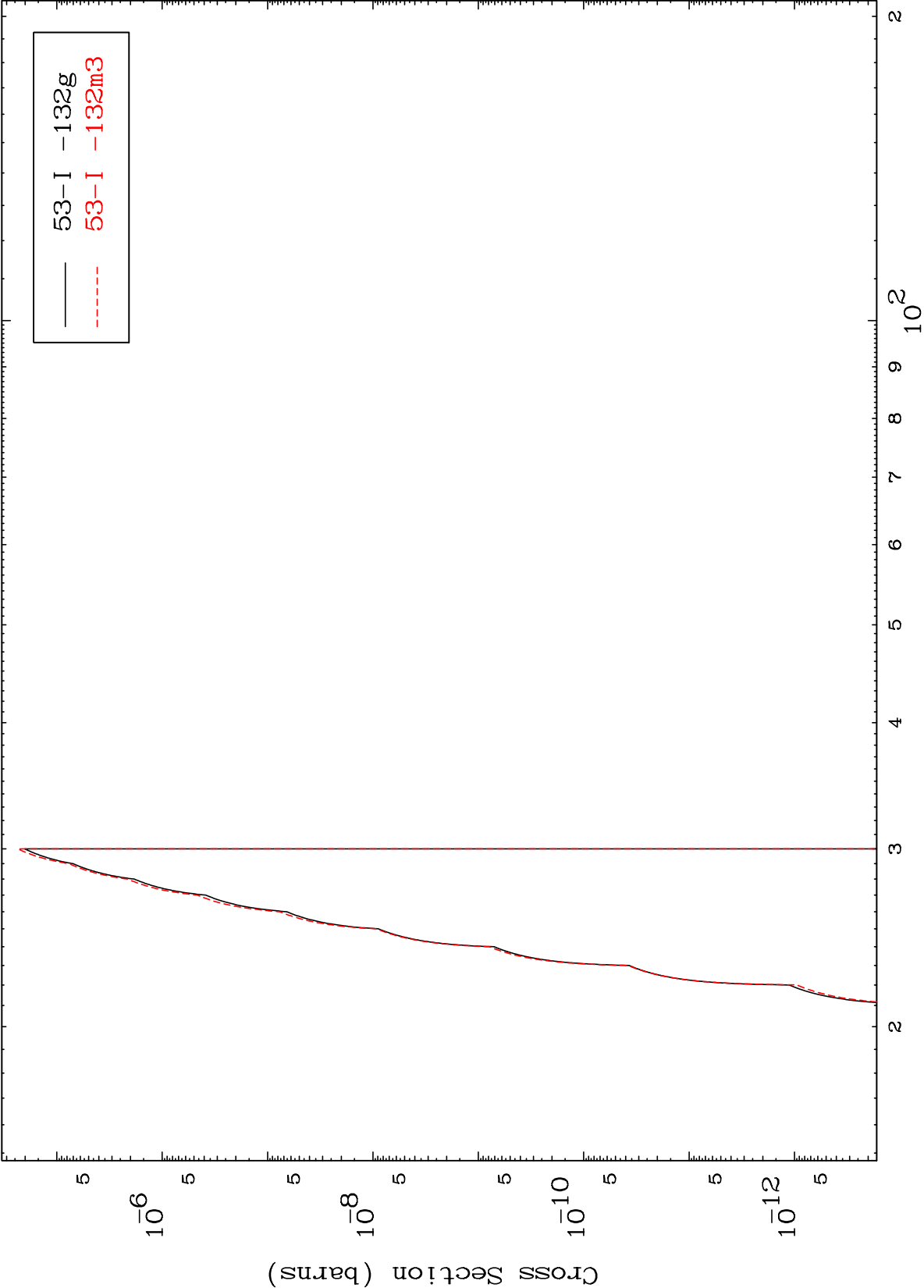
23

Incident Energy (MeV)

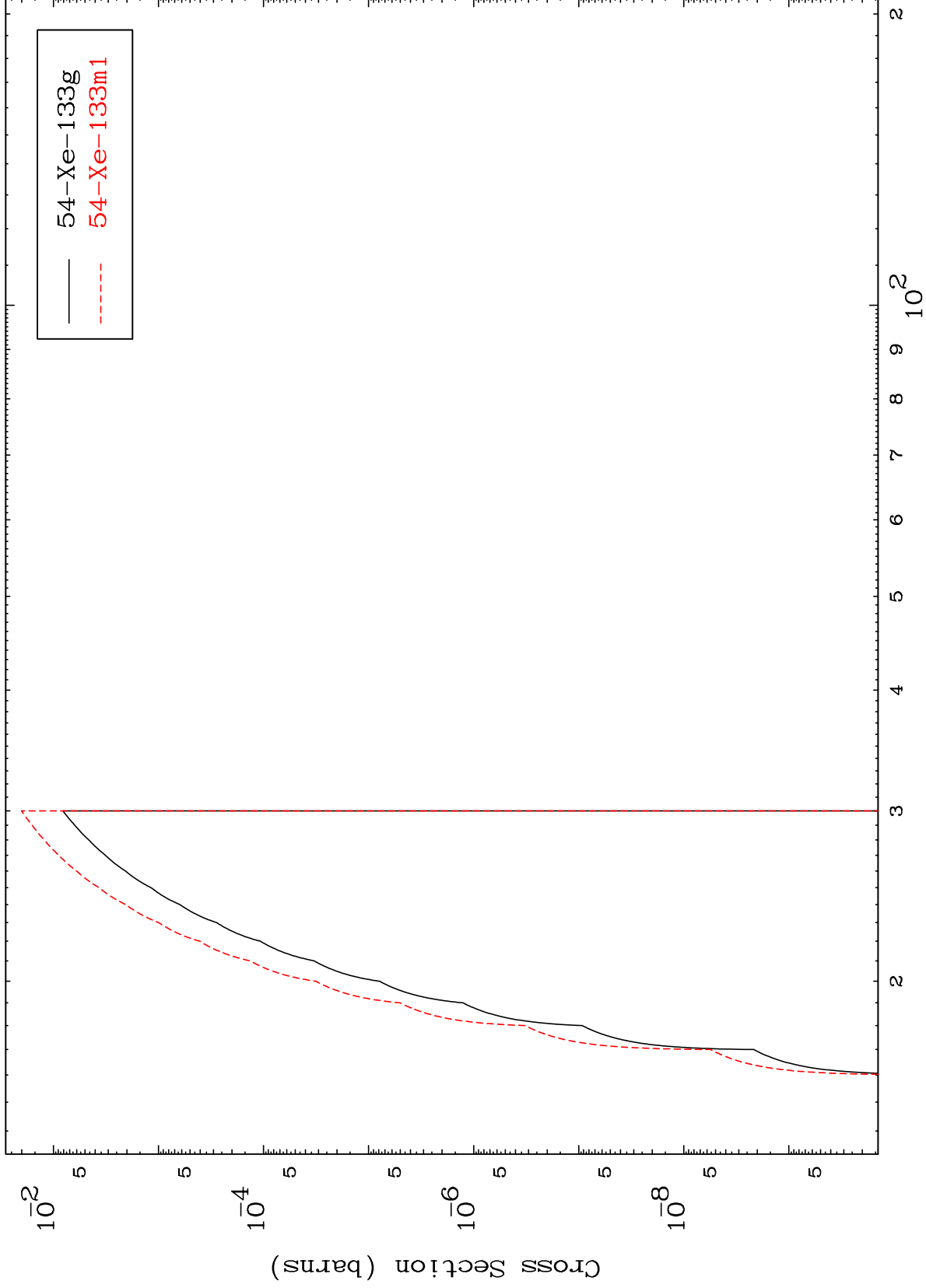
55-Cs-135m



Radionuclide Production Cross Section



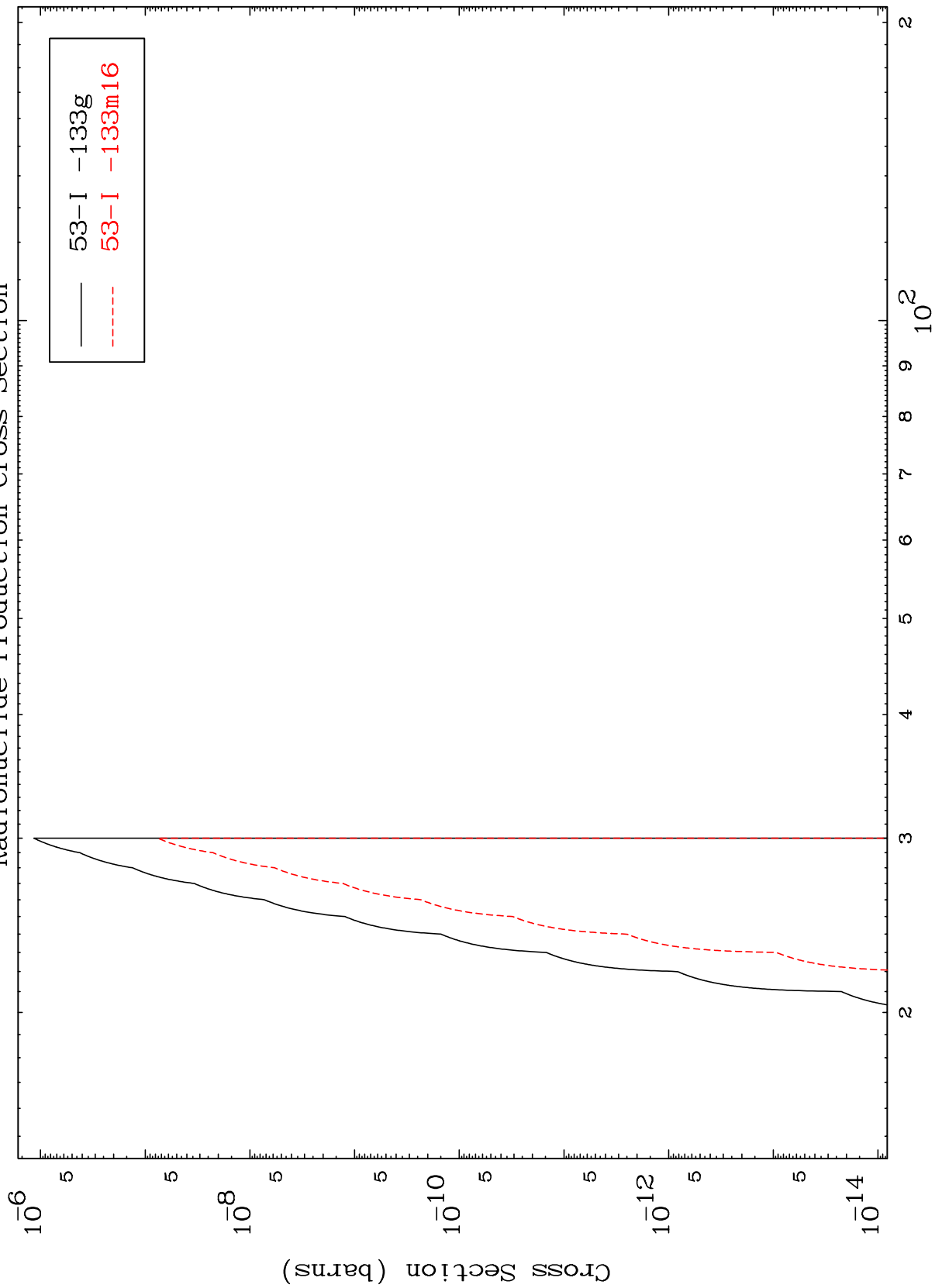
(n,2n) p
Radionuclide Production Cross Section



MAT 5532

55-Cs-135m

(n,2n) p
Radionuclide Production Cross Section



27

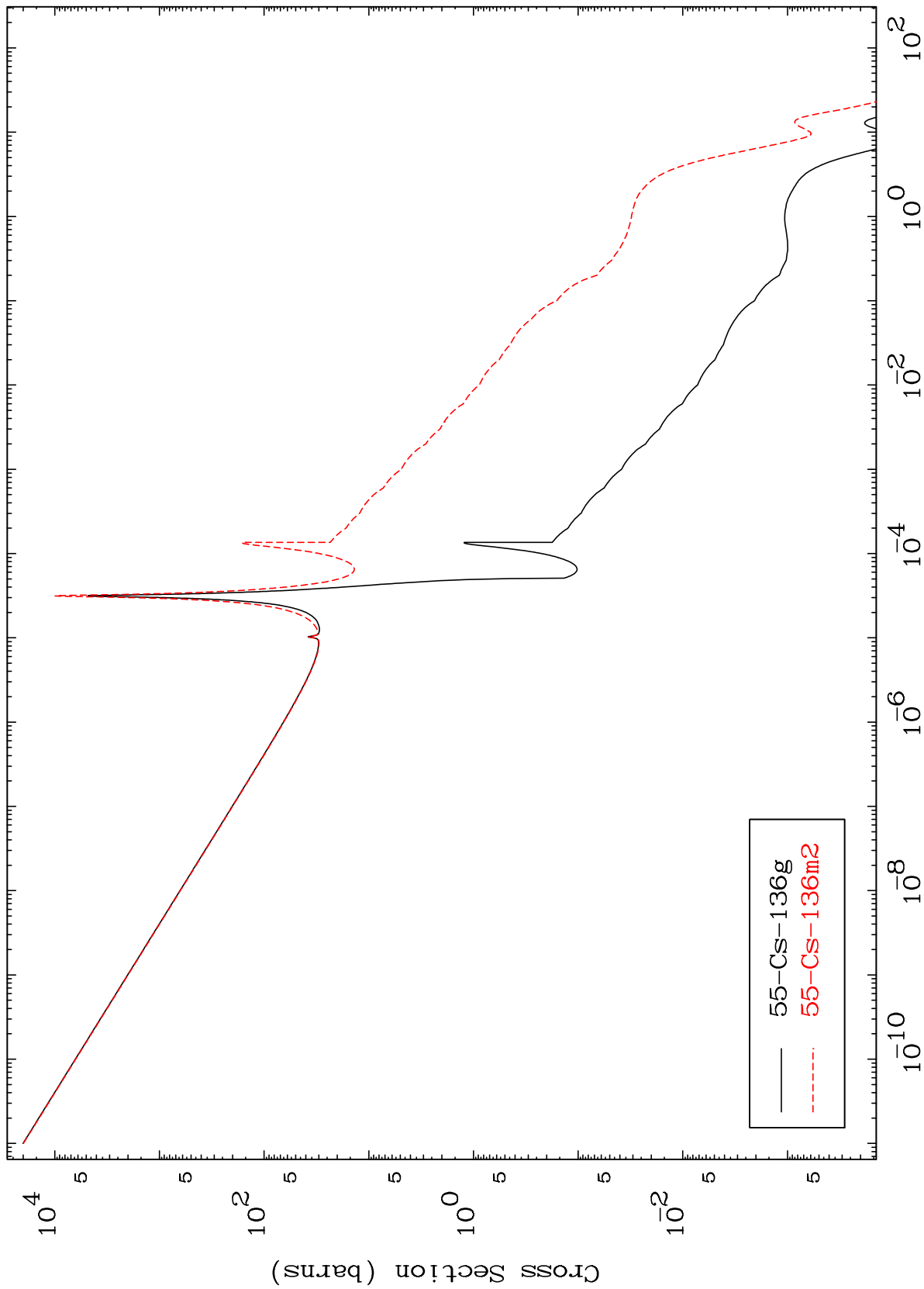
Incident Energy (MeV)

55-Cs-135m

MAT 5532

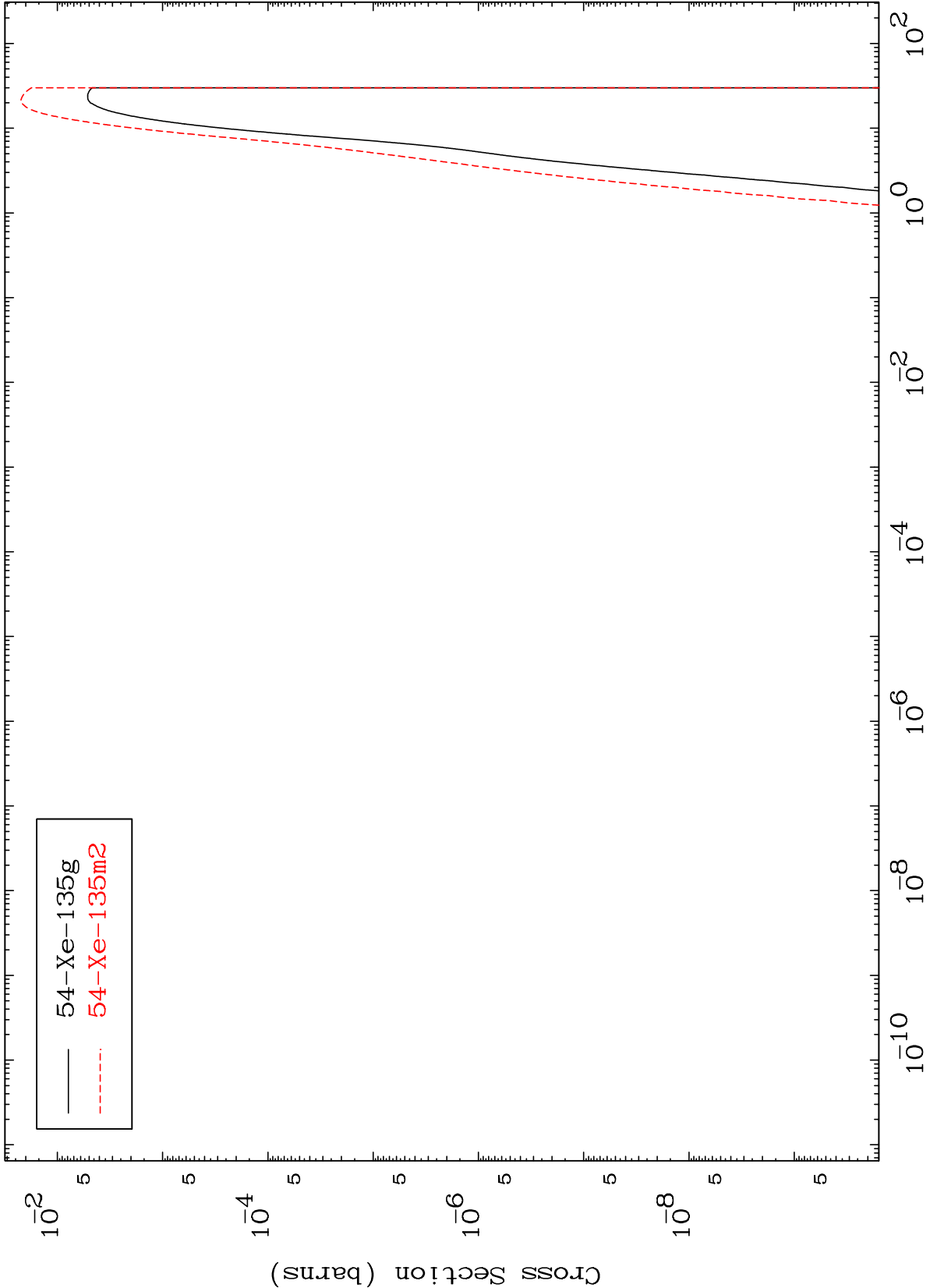
55-Cs-135m

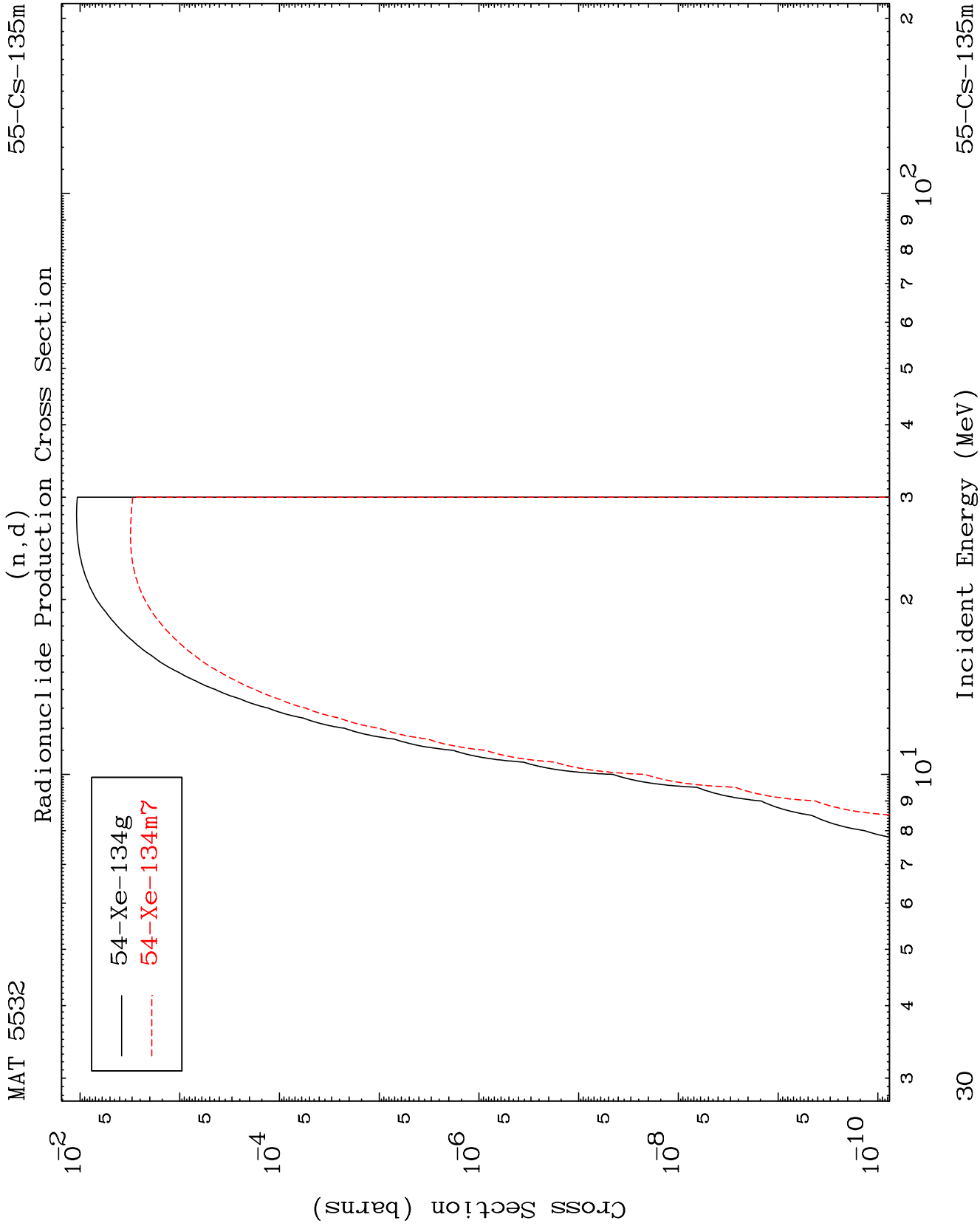
(n,γ)
Radionuclide Production Cross Section



— 55-Cs-136g
- - - 55-Cs-136m2

(n,p)
Radionuclide Production Cross Section

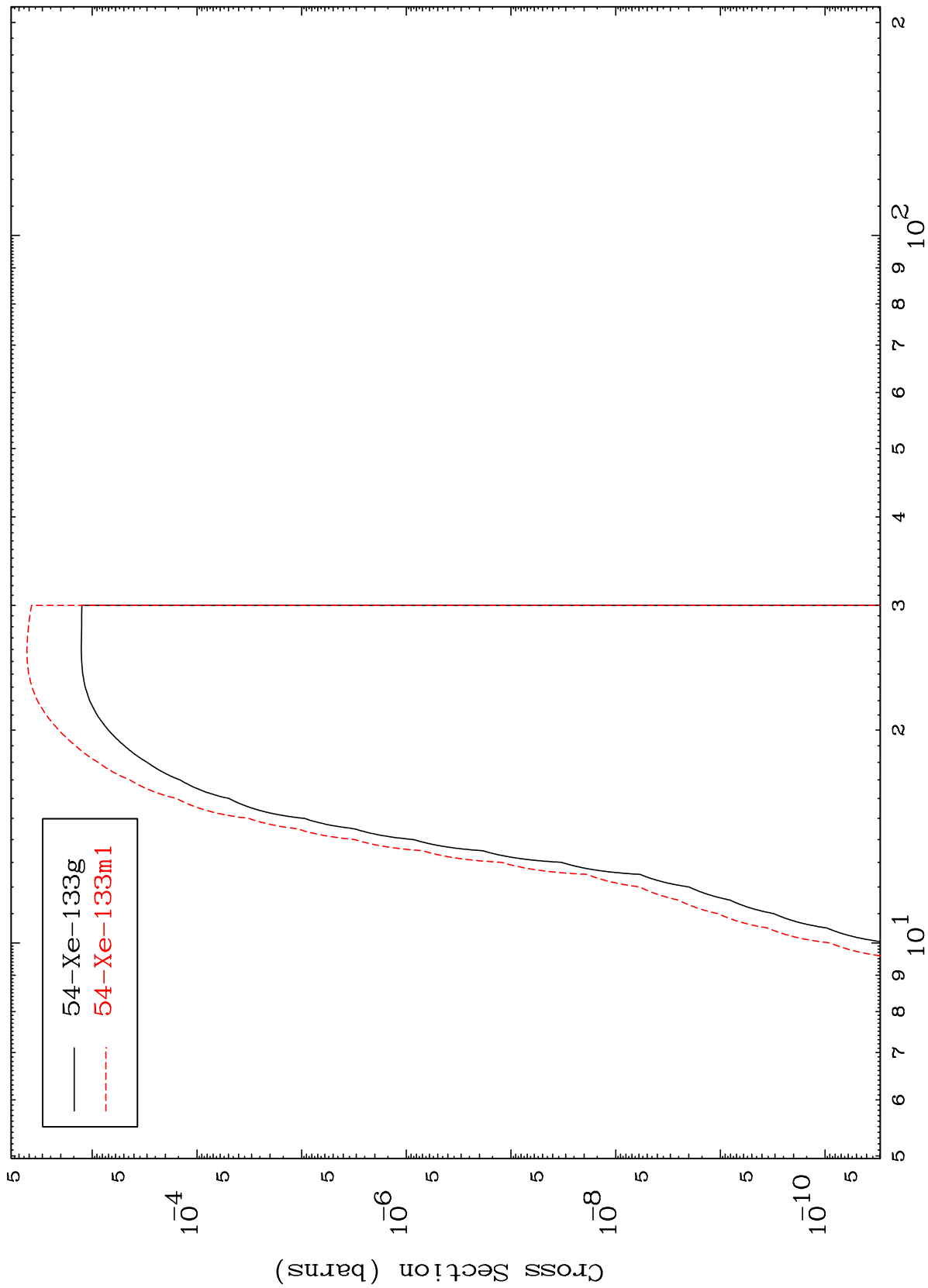




MAT 5532

55-Cs-135m

(n,t)
Radionuclide Production Cross Section



31

Incident Energy (MeV)

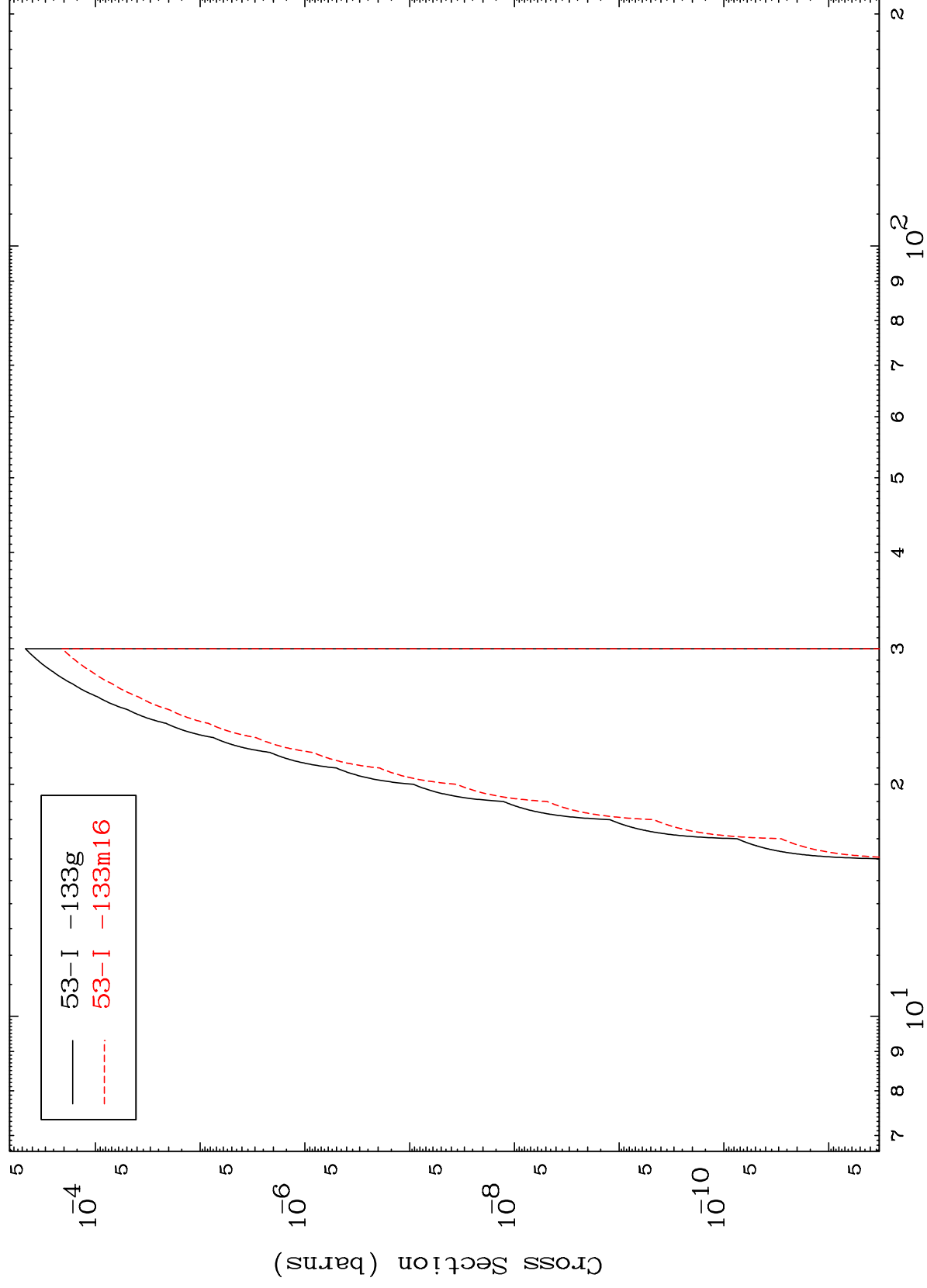
55-Cs-135m

MAT 5532

(n,He-3)

55-Cs-135m

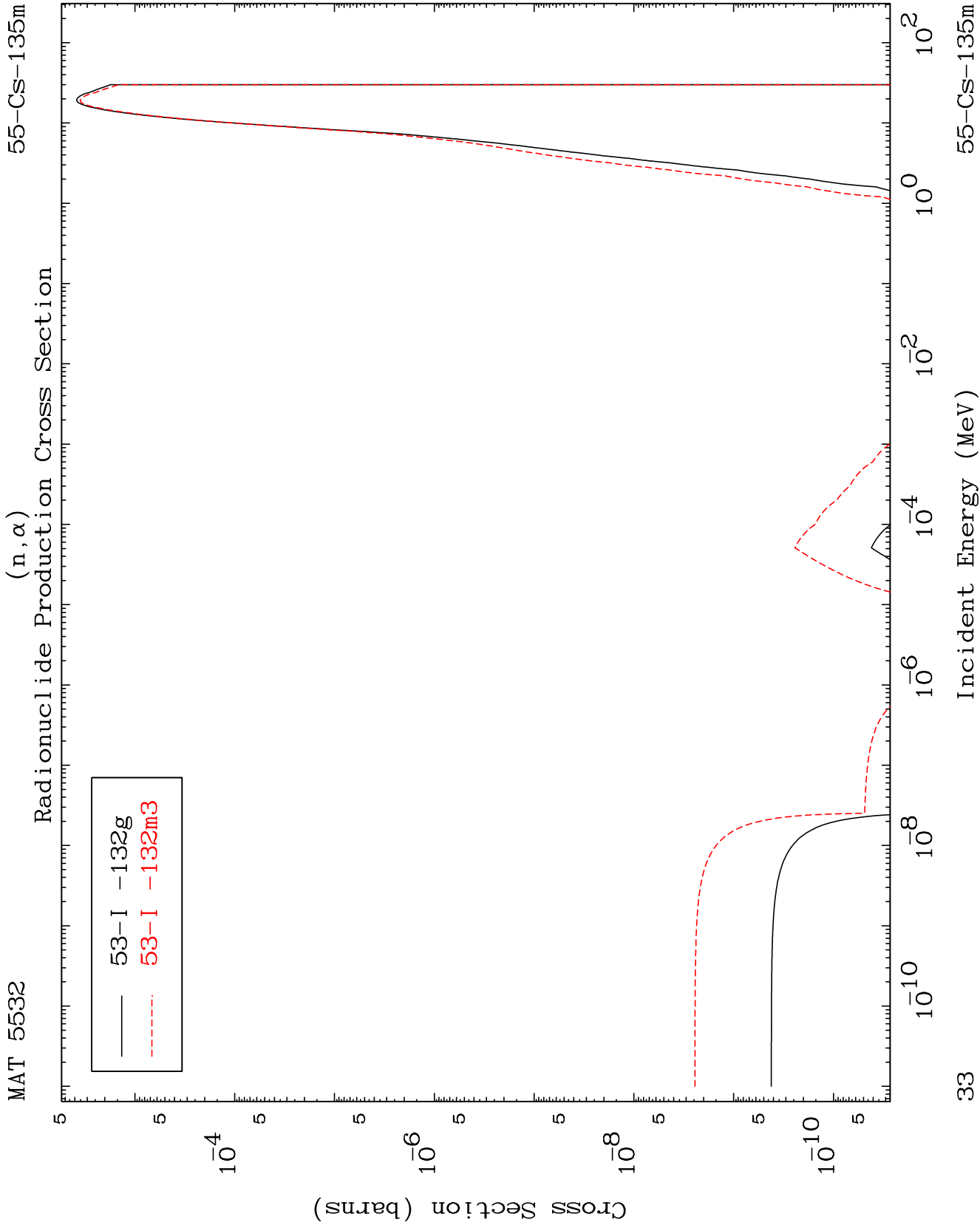
Radionuclide Production Cross Section

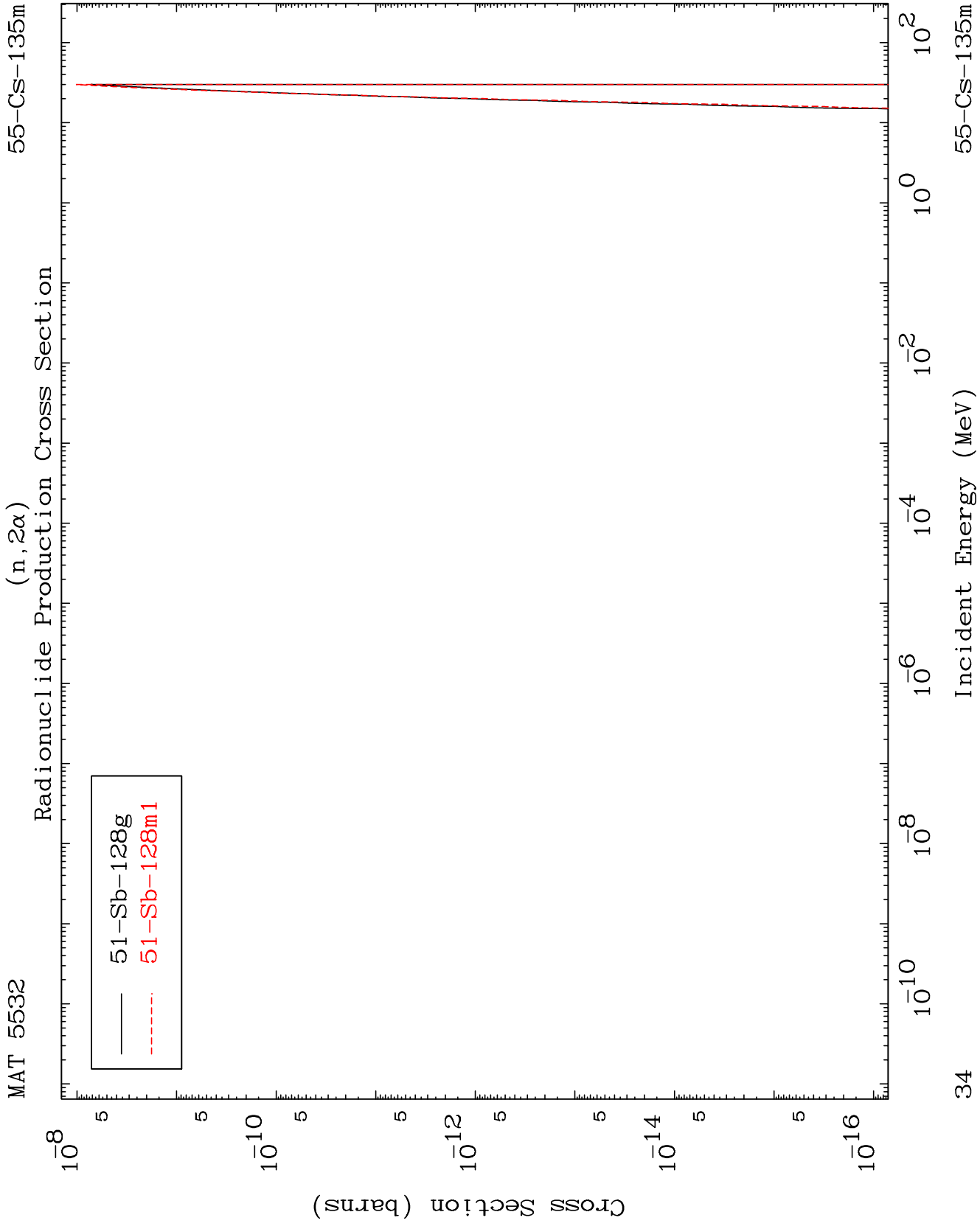


32

Incident Energy (MeV)

55-Cs-135m

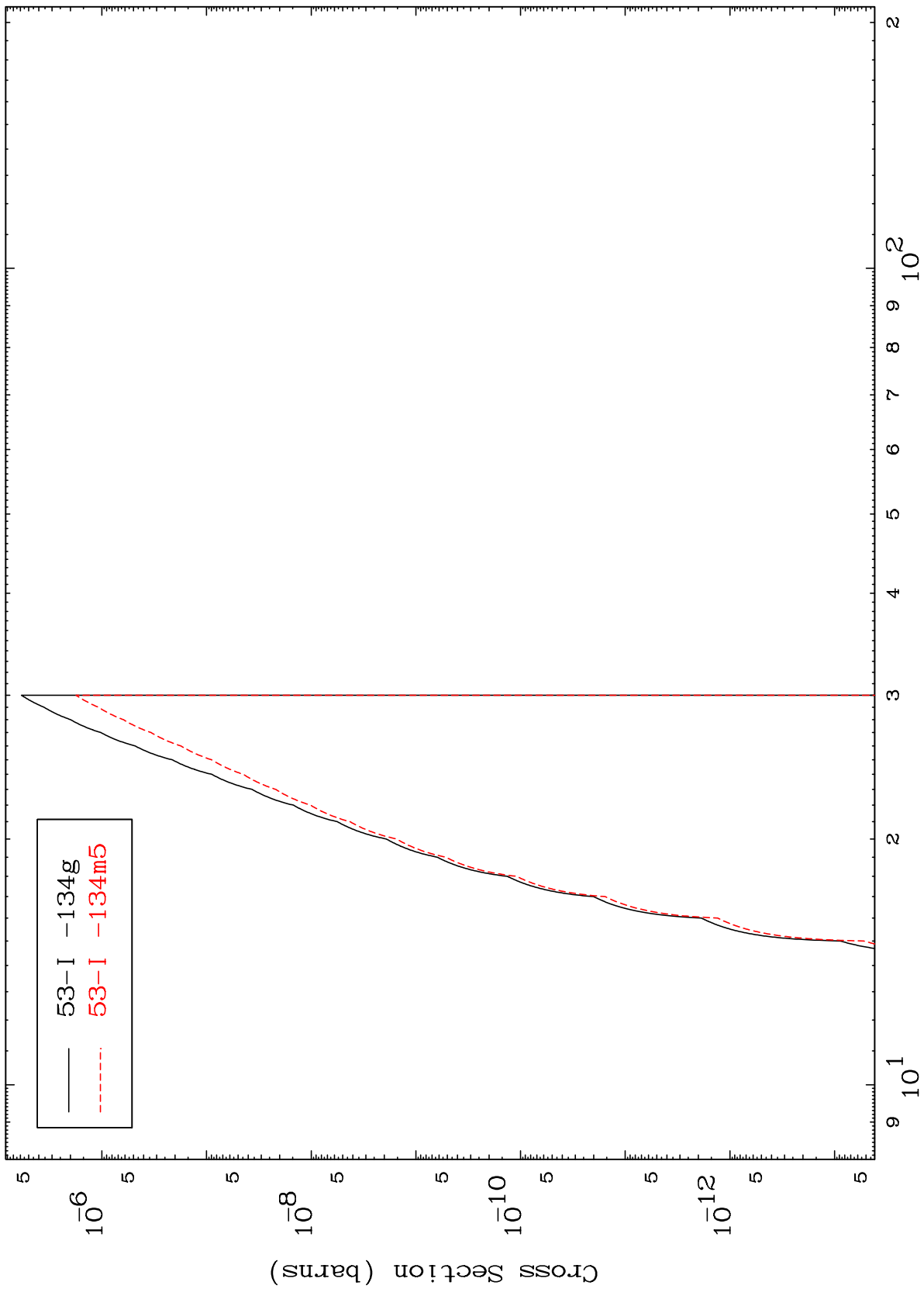




MAT 5532

55-Cs-135m

(n,2p)
Radionuclide Production Cross Section



55-Cs-135m

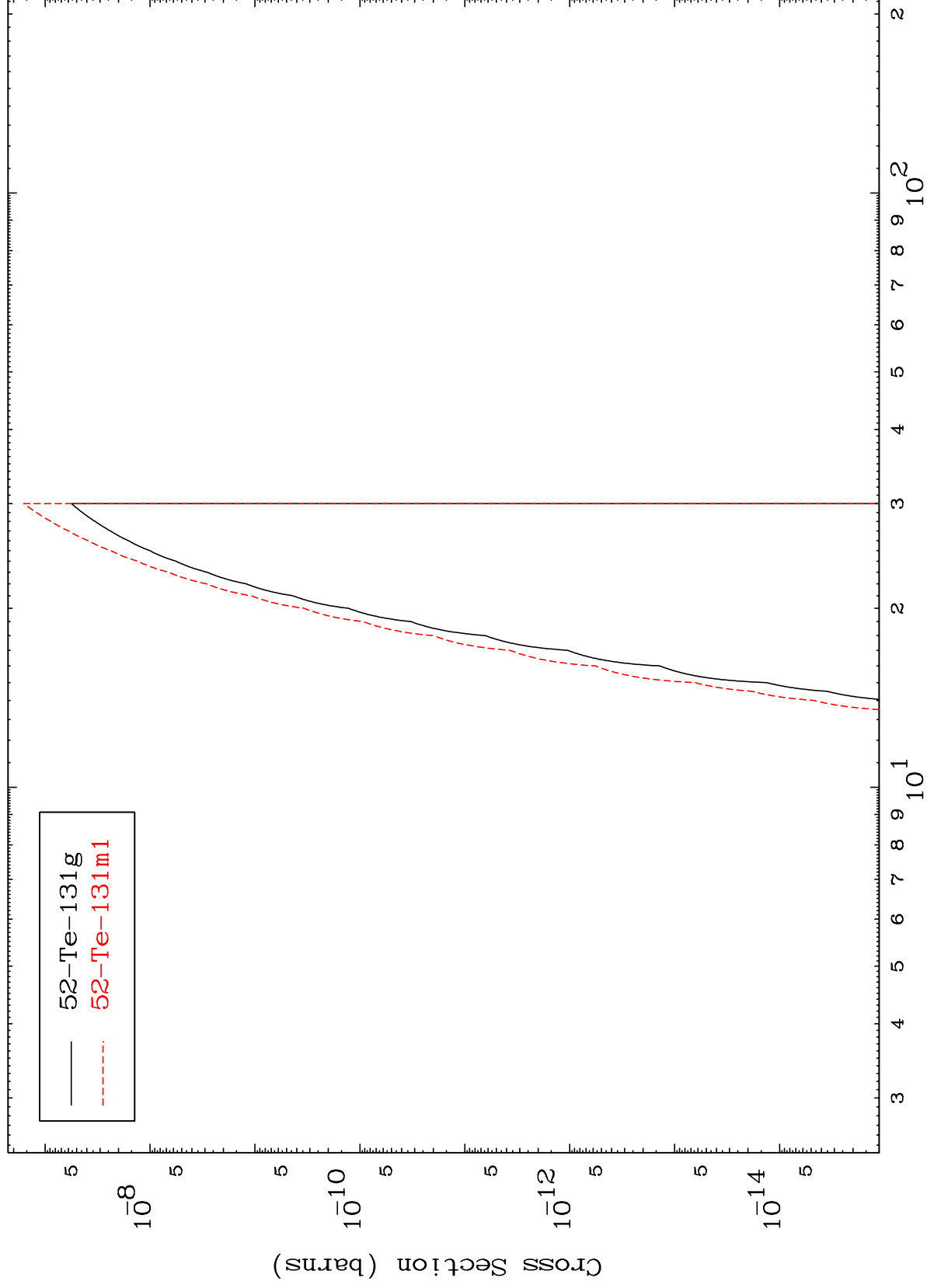
Incident Energy (MeV)

35

MAT 5532

55-Cs-135m

(n,p) α
Radionuclide Production Cross Section



36

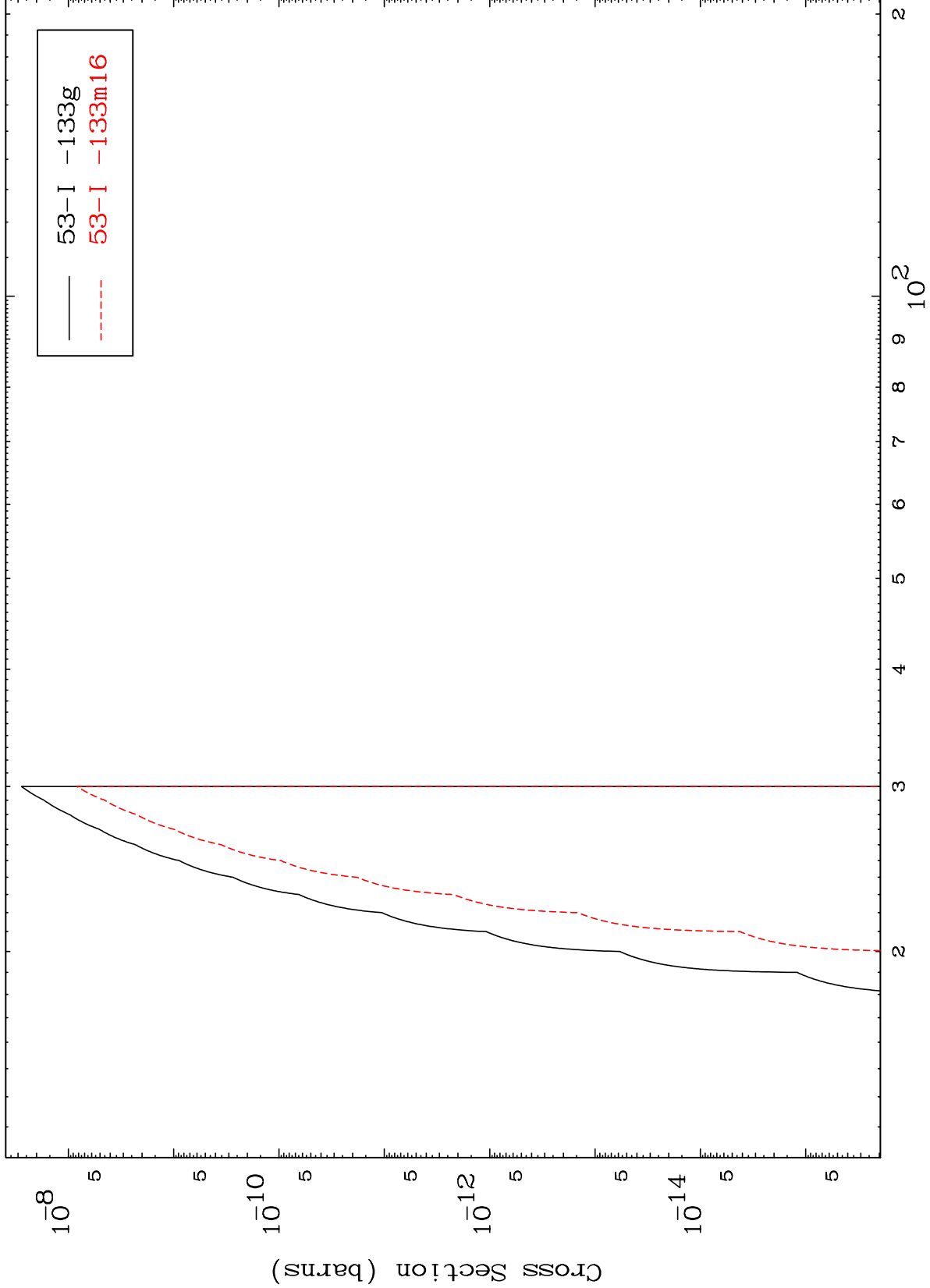
Incident Energy (MeV)

55-Cs-135m

MAT 5532

55-Cs-135m

(n,p) d
Radionuclide Production Cross Section



37

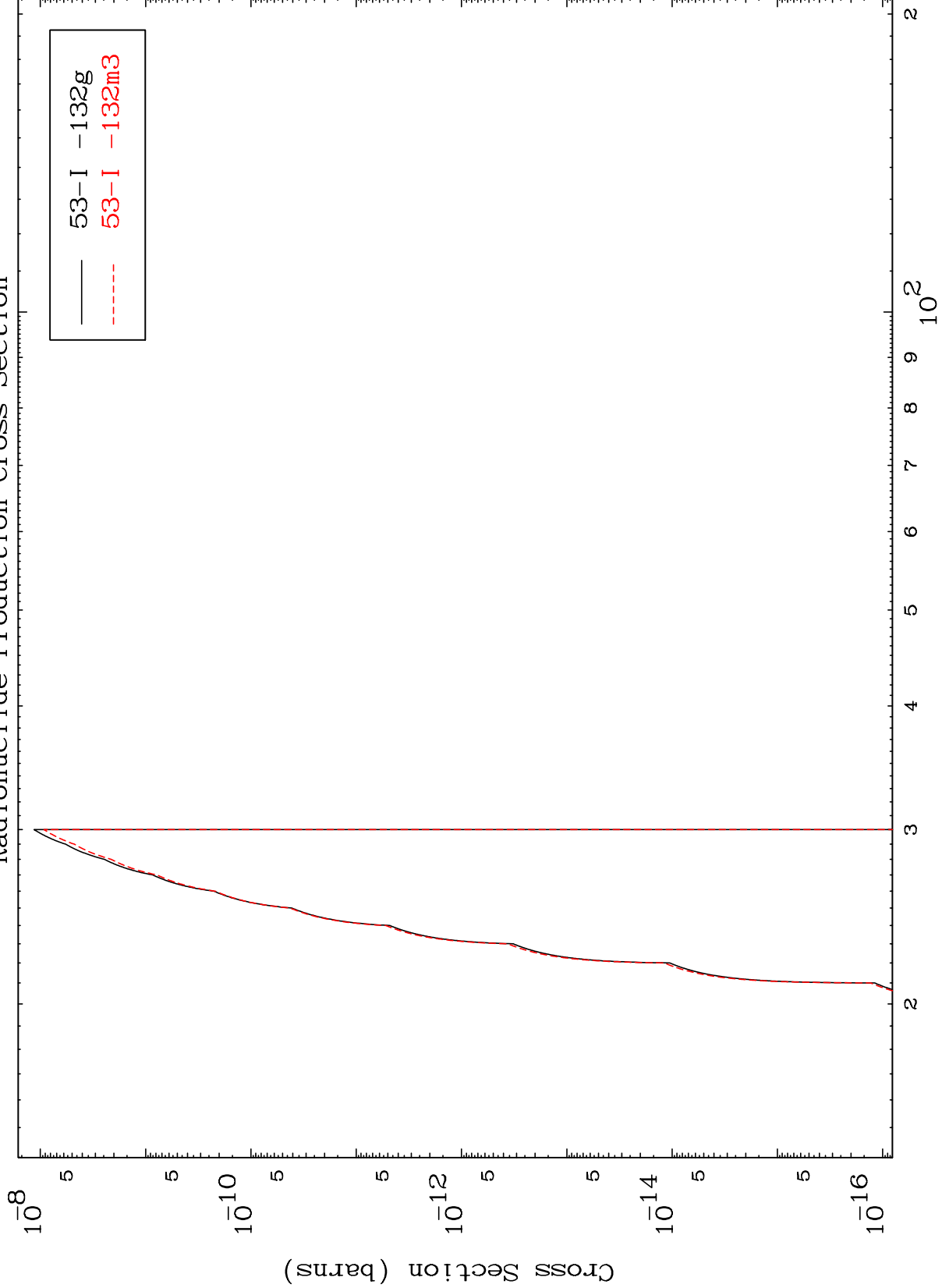
Incident Energy (MeV)

55-Cs-135m

MAT 5532

55-Cs-135m

(n,p) t
Radionuclide Production Cross Section



38

Incident Energy (MeV)

55-Cs-135m