

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

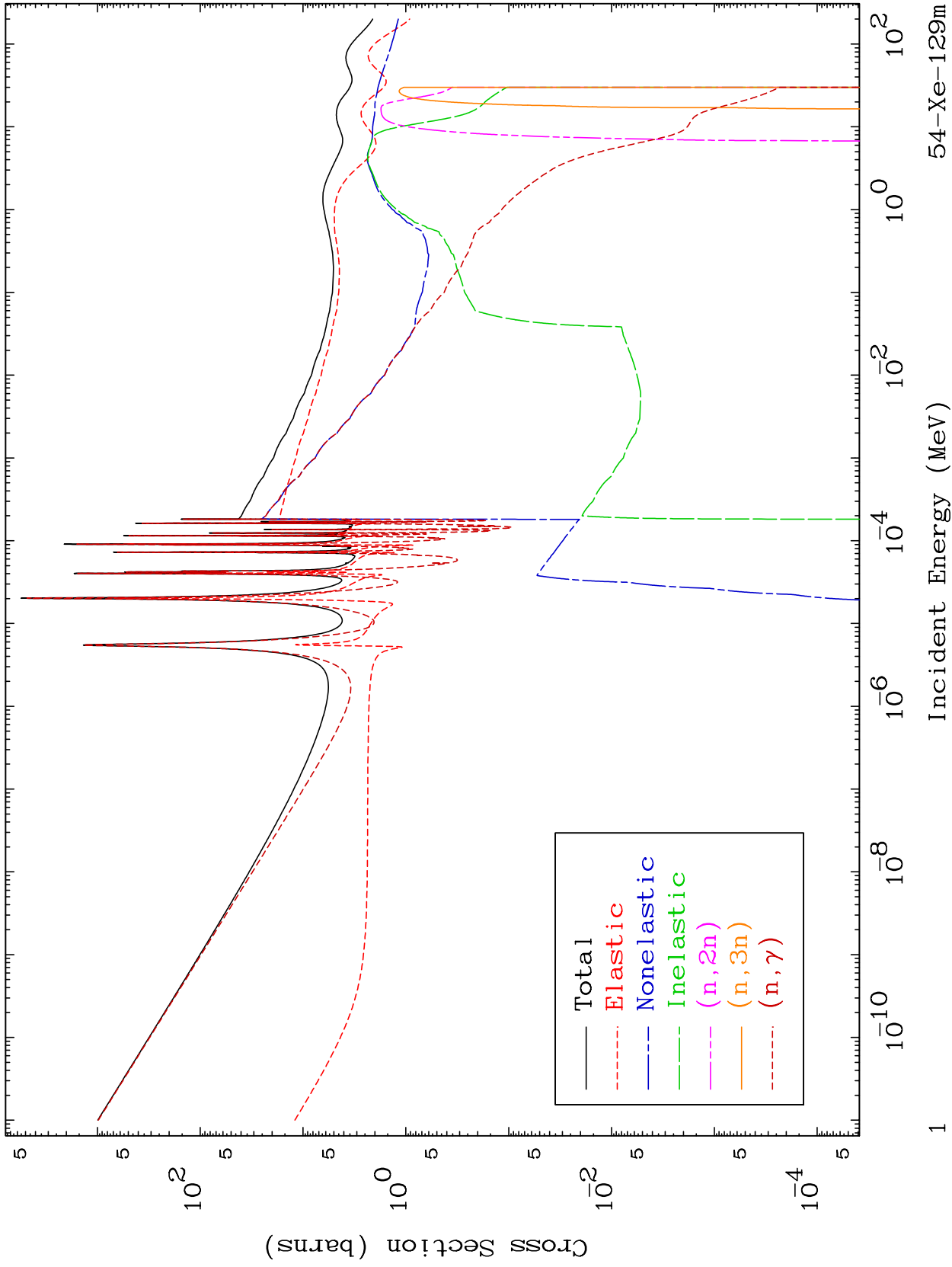
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5441

Neutron Major
293 Kelvin Cross Sections

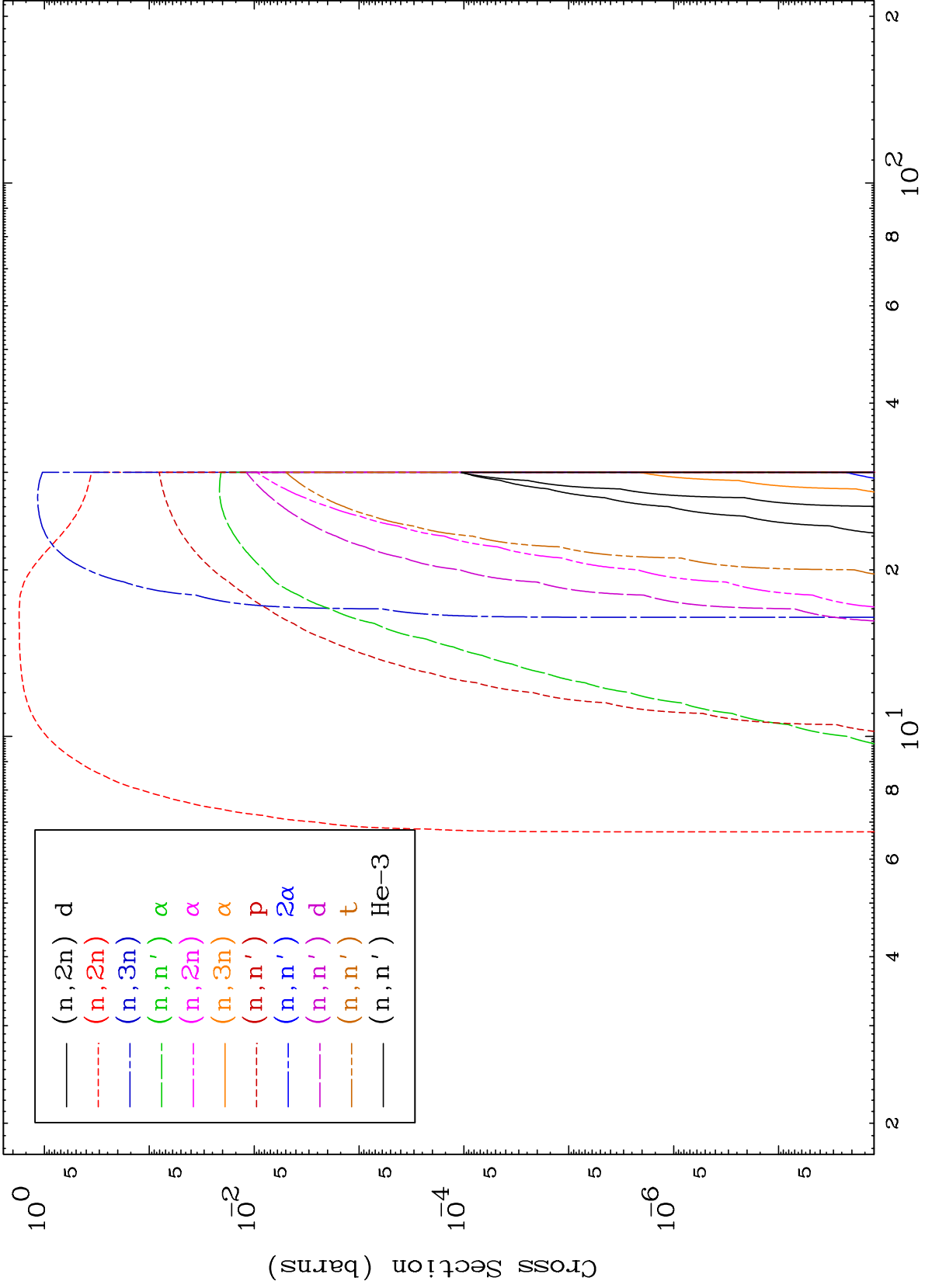
54-Xe-129m



MAT 5441

Neutron Absorption
293 Kelvin Cross Sections

54-Xe-129m



2

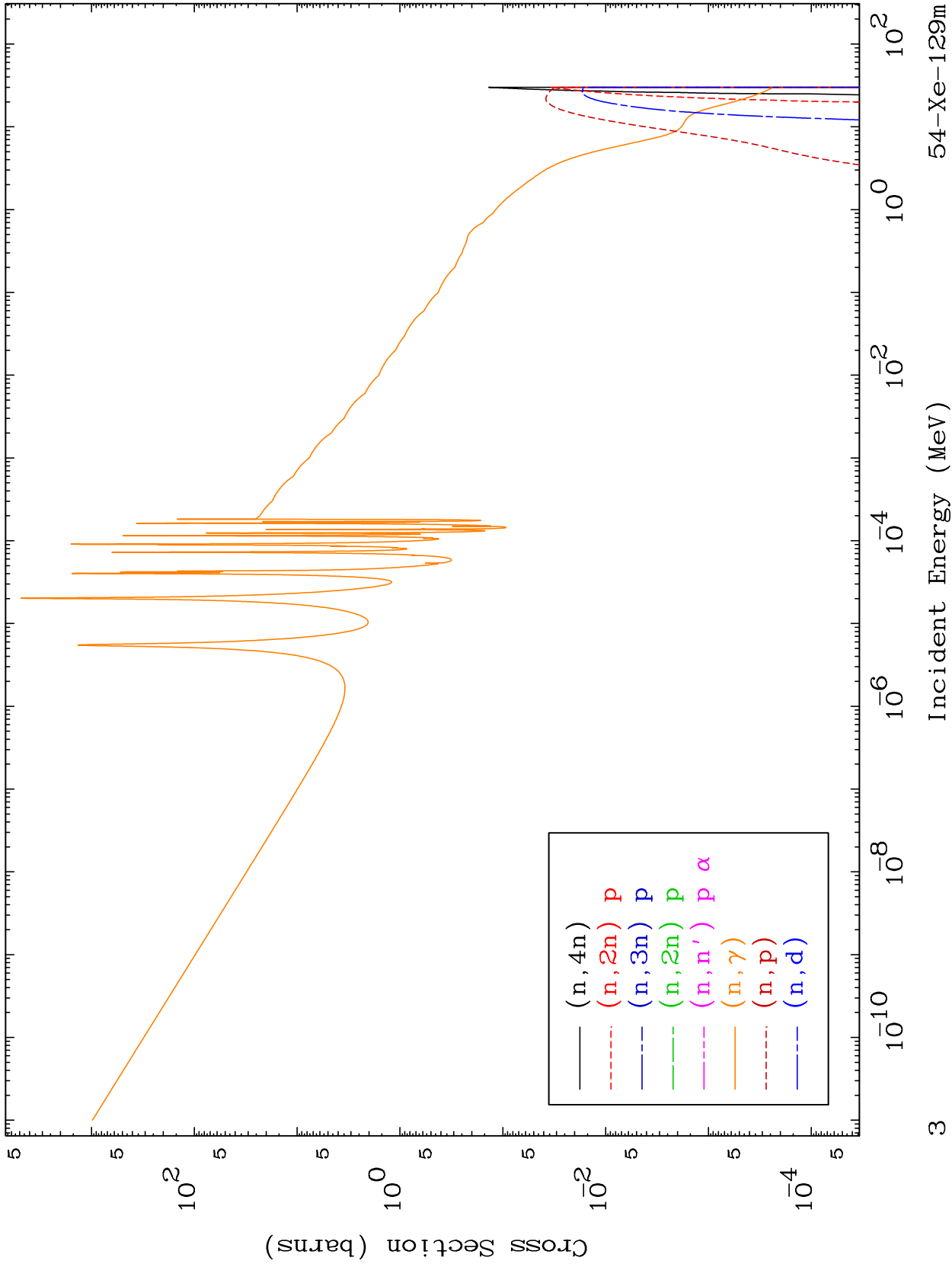
Incident Energy (MeV)

54-Xe-129m

MAT 5441

Neutron Absorption
293 Kelvin Cross Sections

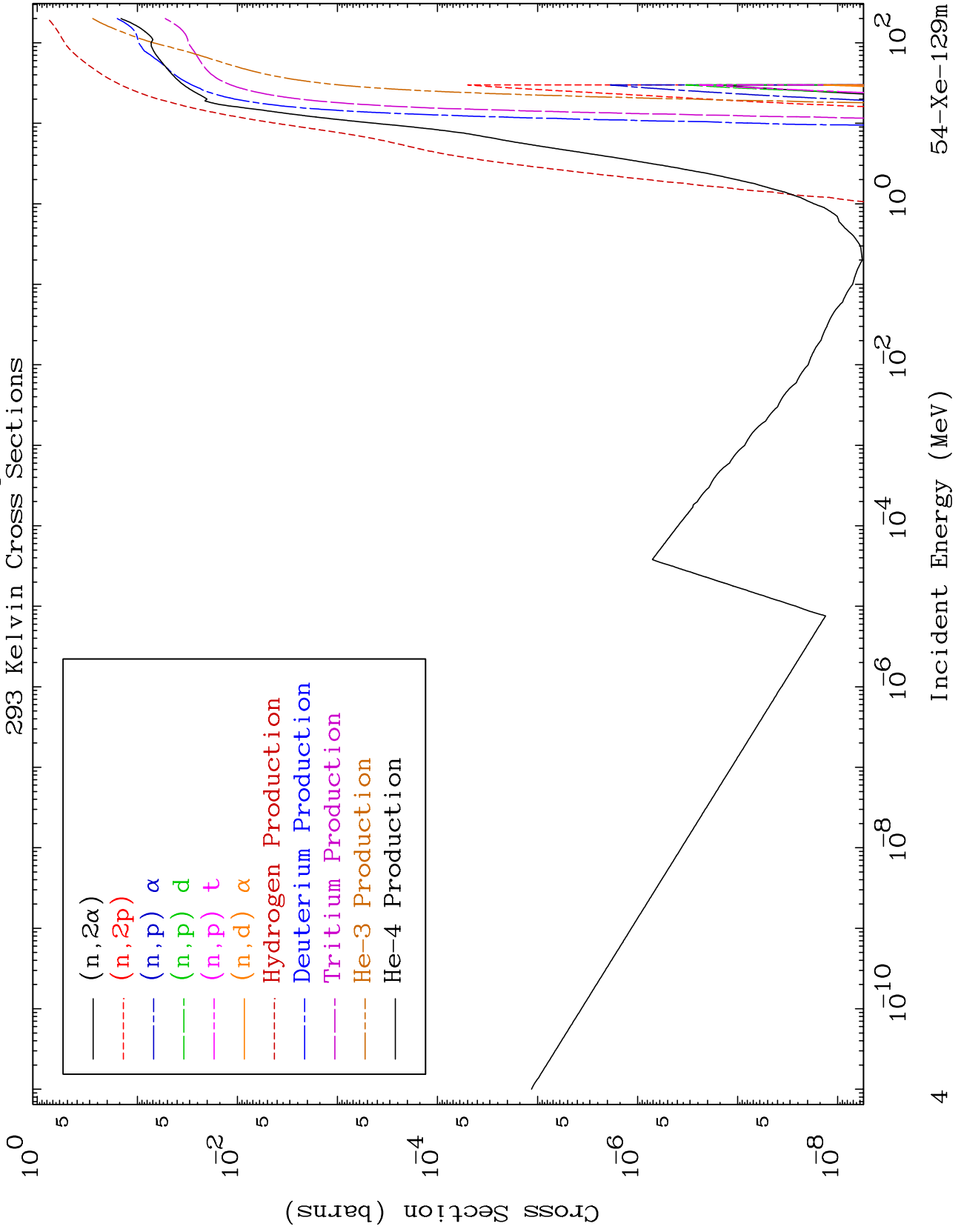
54-Xe-129m



MAT 5441

Neutron Absorption
293 Kelvin Cross Sections

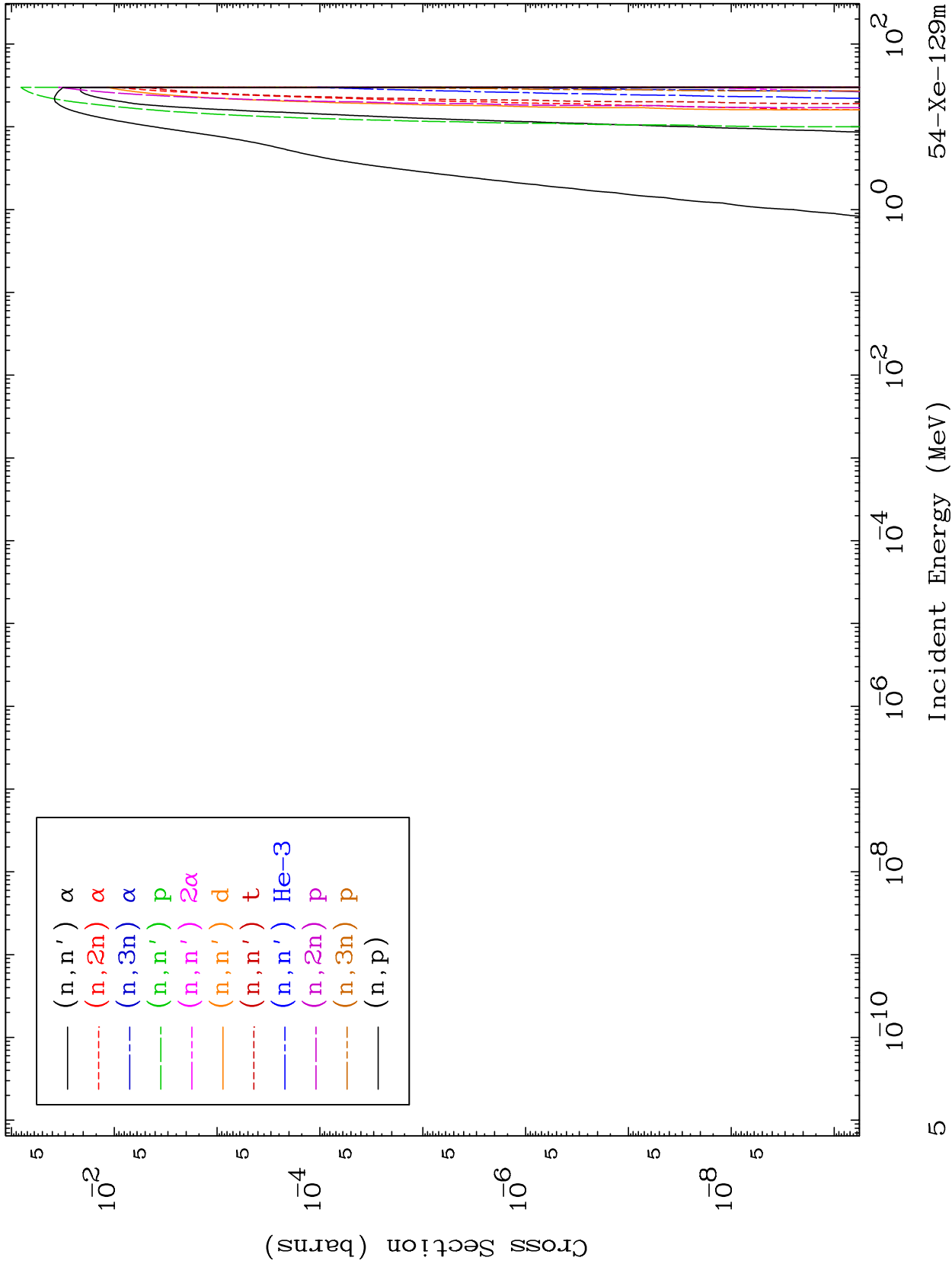
54-Xe-129m



MAT 5441

Charged Particle
293 Kelvin Cross Sections

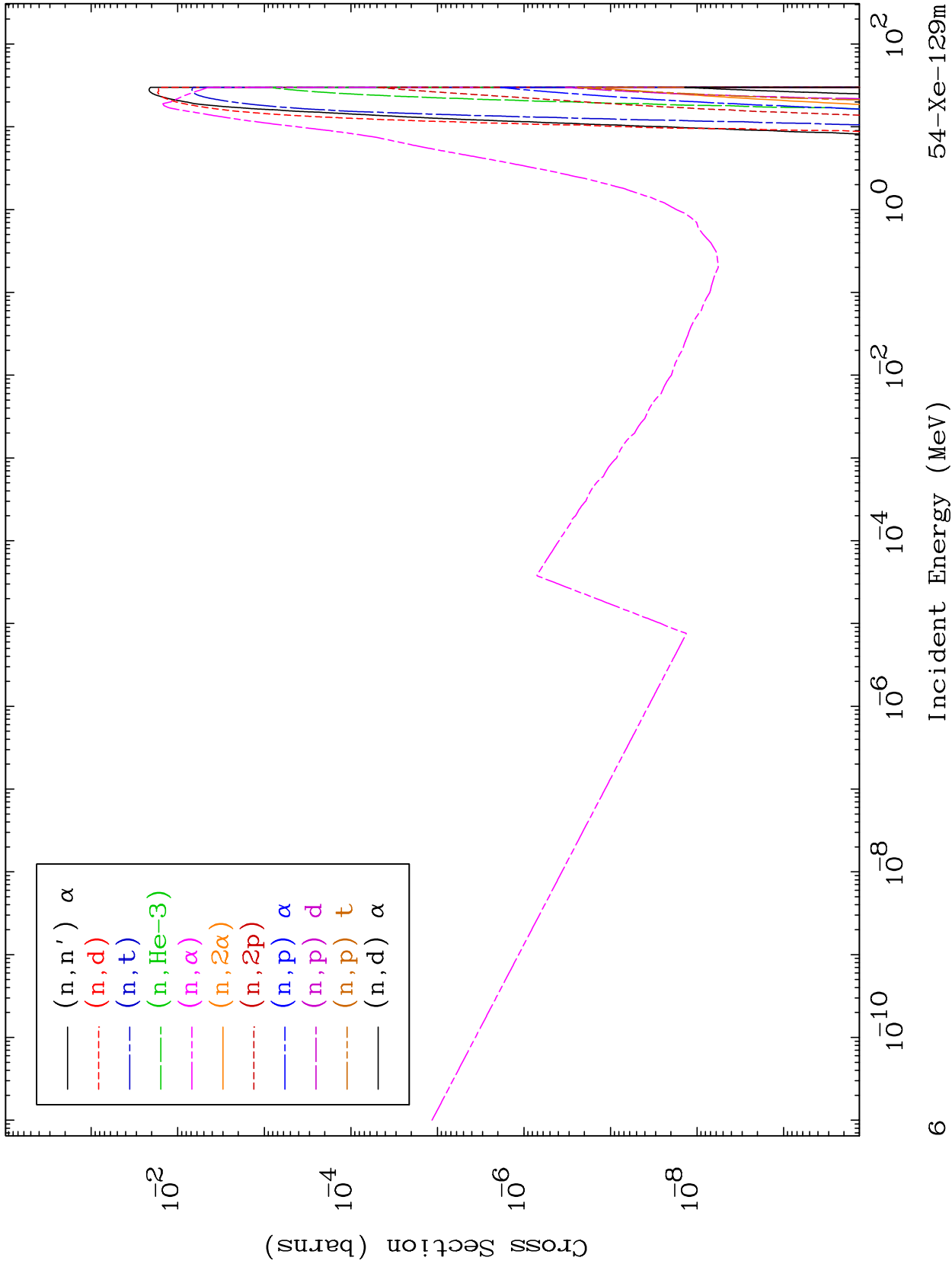
54-Xe-129m



MAT 5441

Charged Particle
293 Kelvin Cross Sections

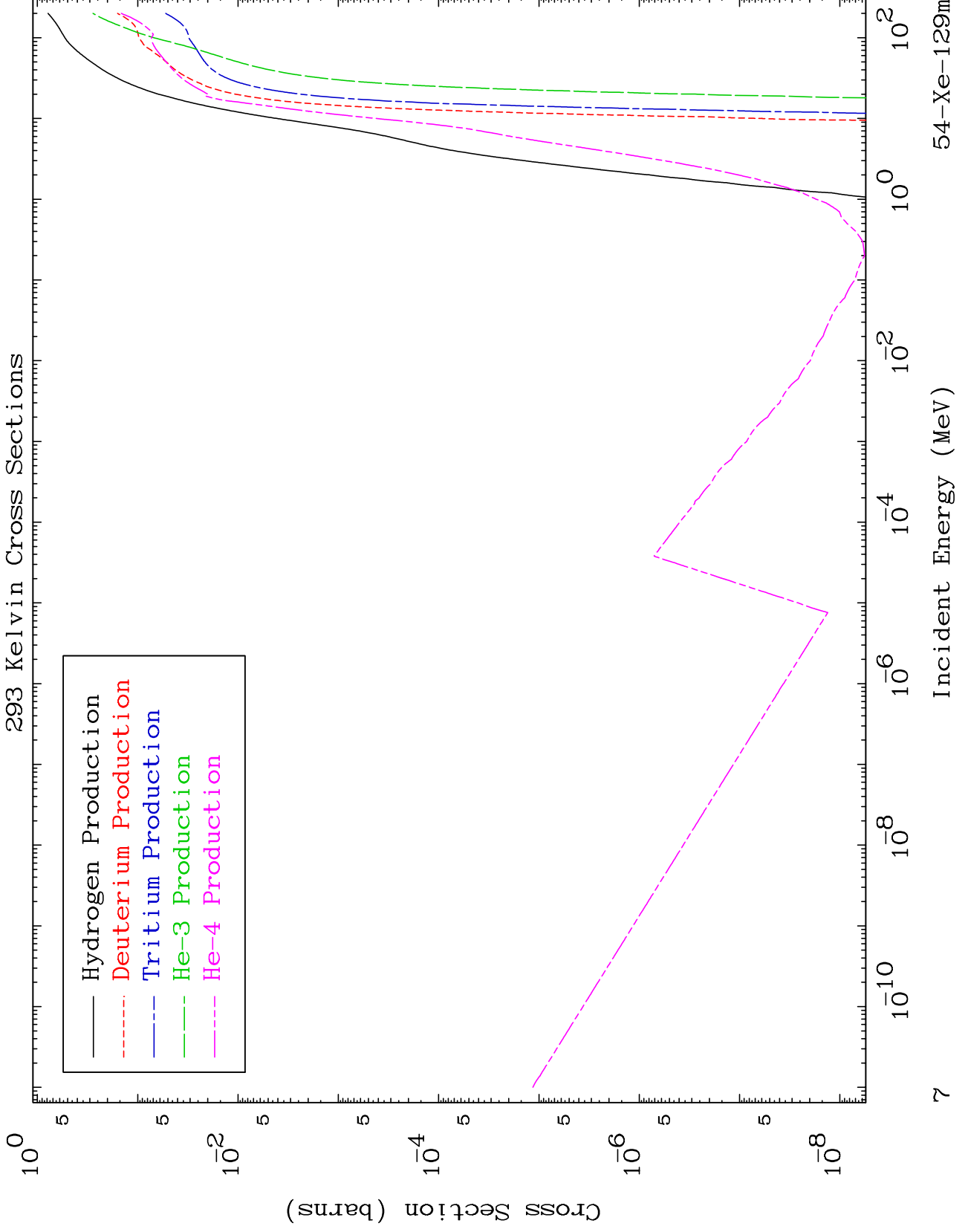
54-Xe-129m



MAT 5441

Particle Production
293 Kelvin Cross Sections

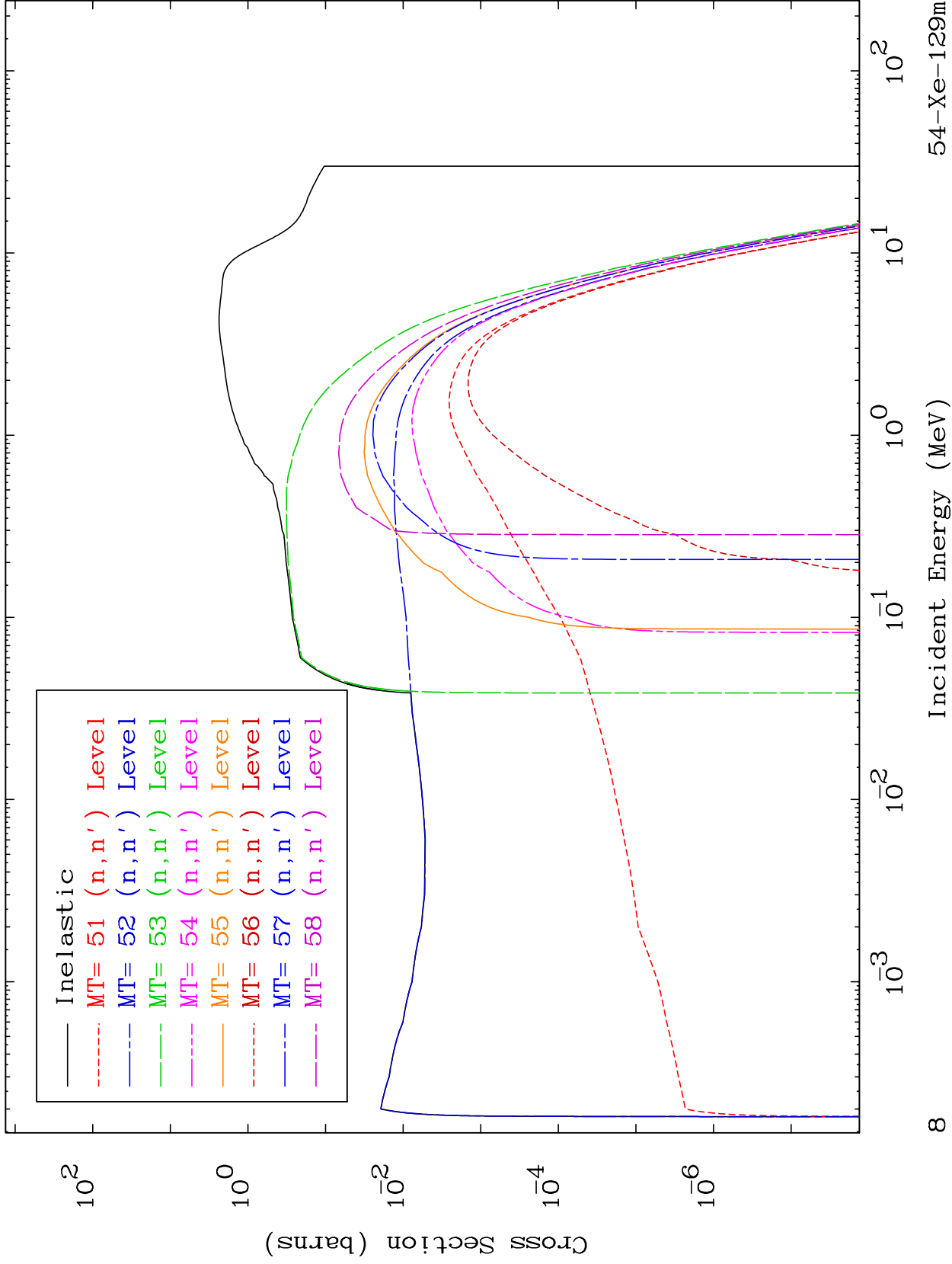
54-Xe-129m



MAT 5441

(n,n') Levels
293 Kelvin Cross Sections

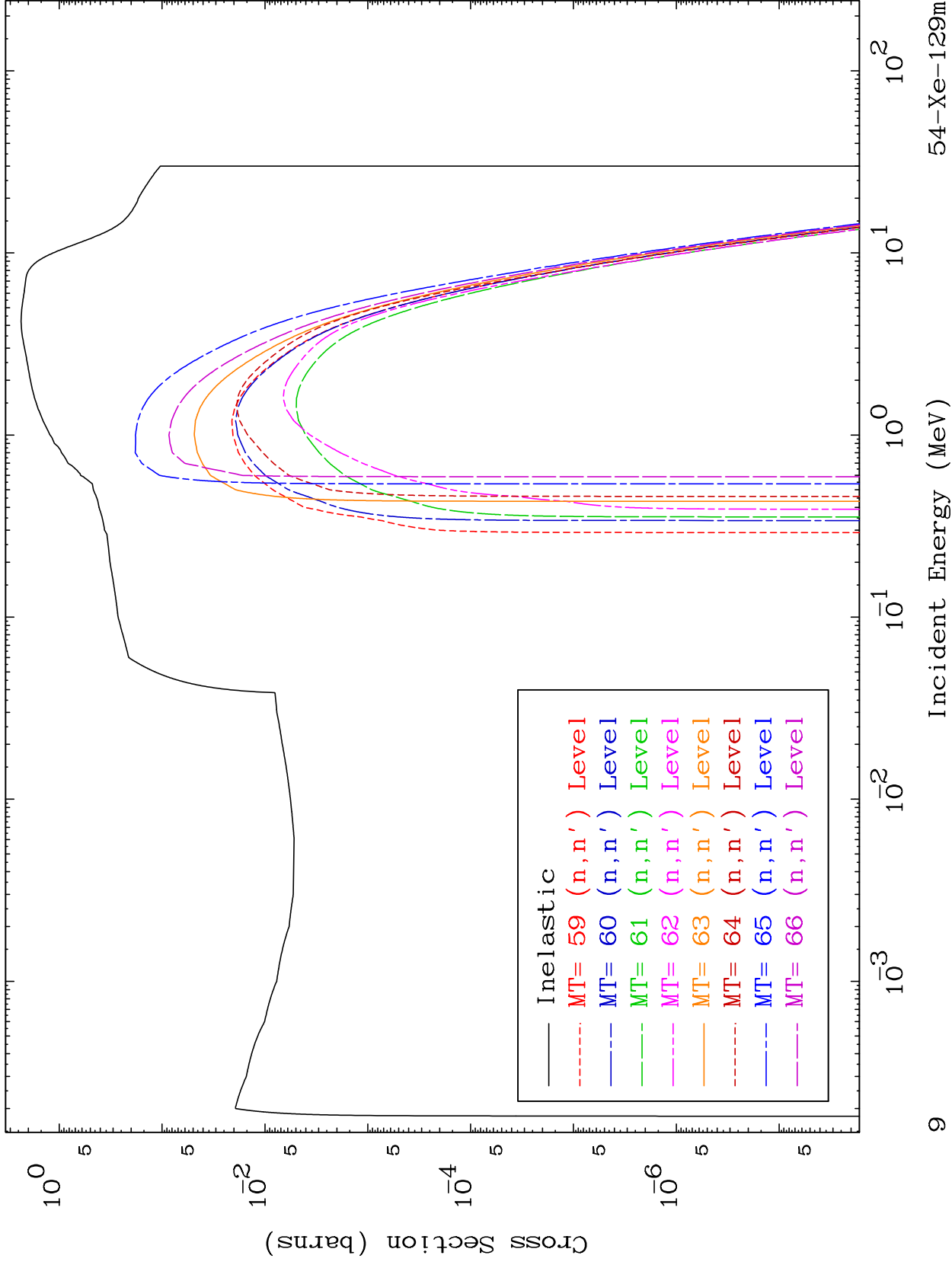
54-Xe-129m



MAT 5441

(n,n') Levels
293 Kelvin Cross Sections

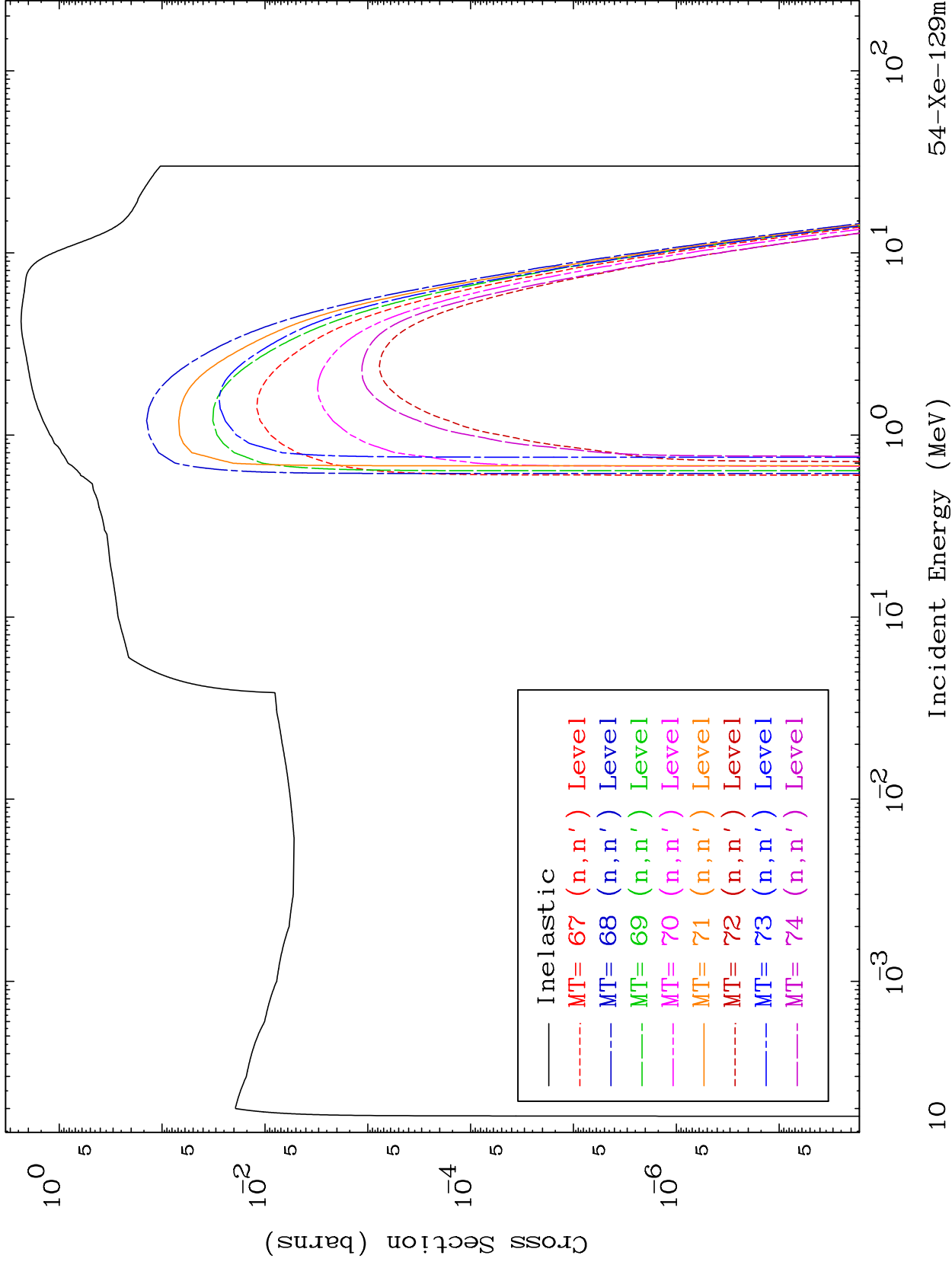
54-Xe-129m



MAT 5441

(n,n') Levels
293 Kelvin Cross Sections

54-Xe-129m



10

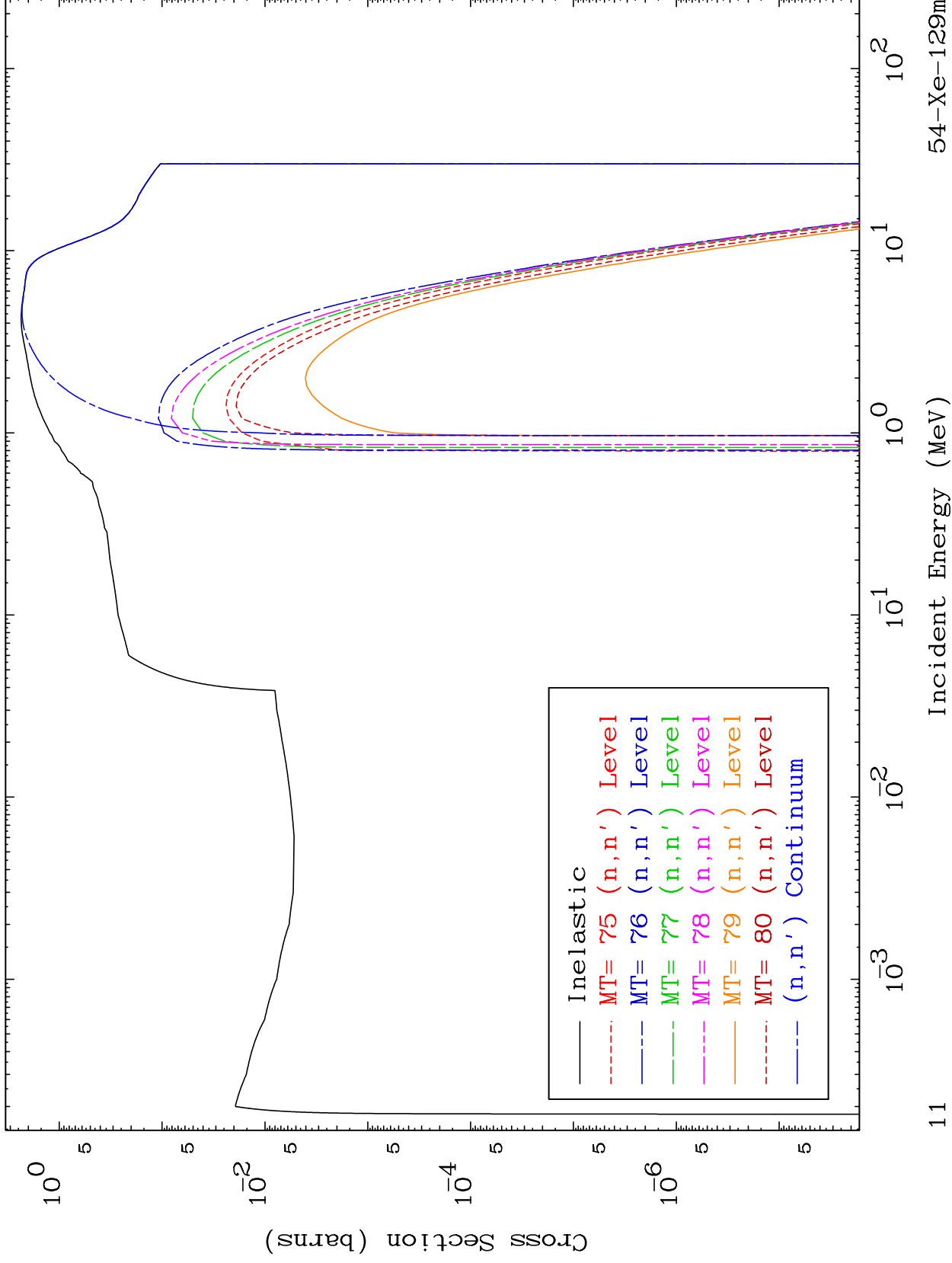
Incident Energy (MeV)

54-Xe-129m

MAT 5441

293 Kelvin Cross Sections
(n, n') Levels

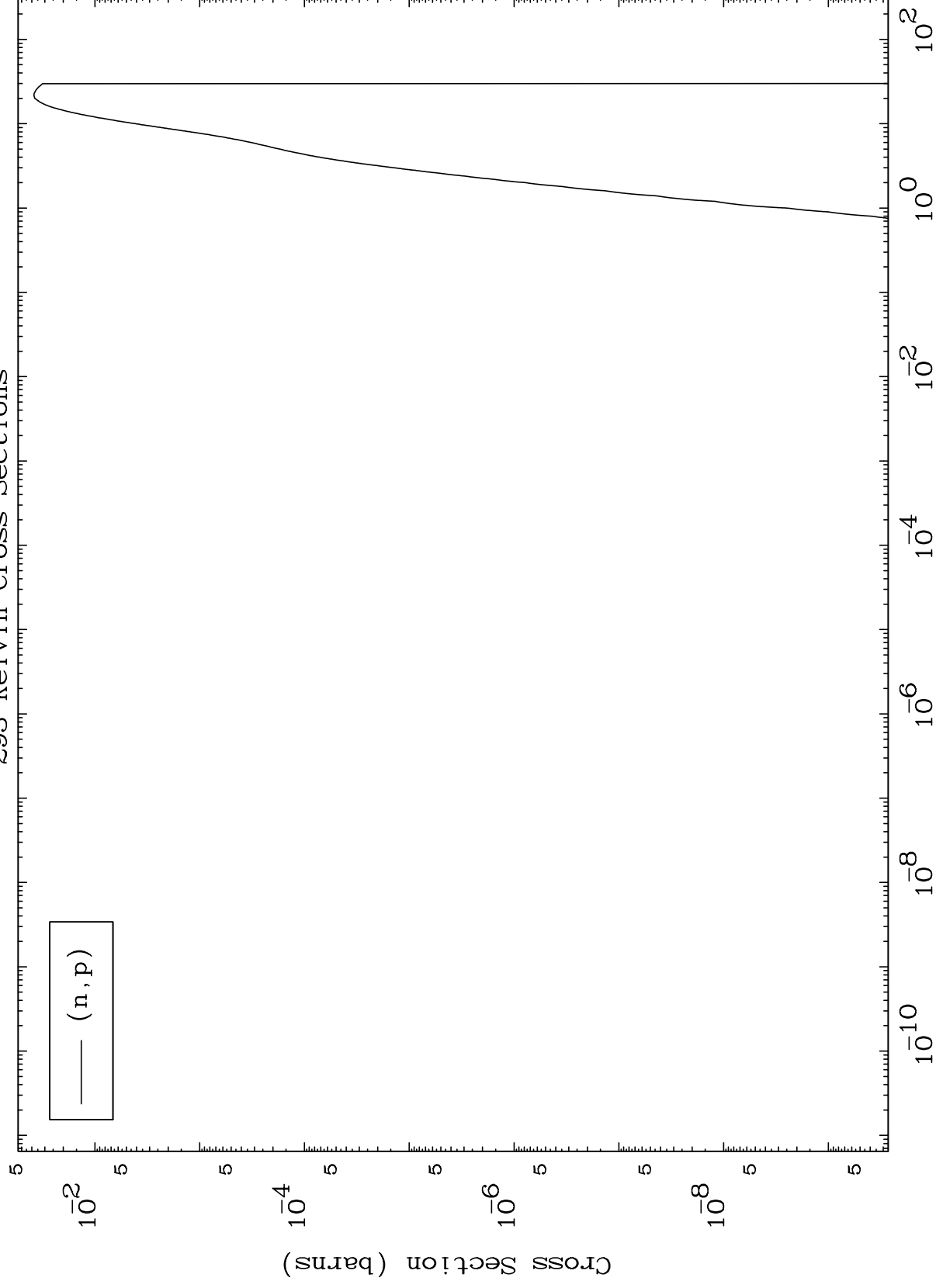
54-Xe-129m



MAT 5441

(n,p) Levels
293 Kelvin Cross Sections

54-Xe-129m



12

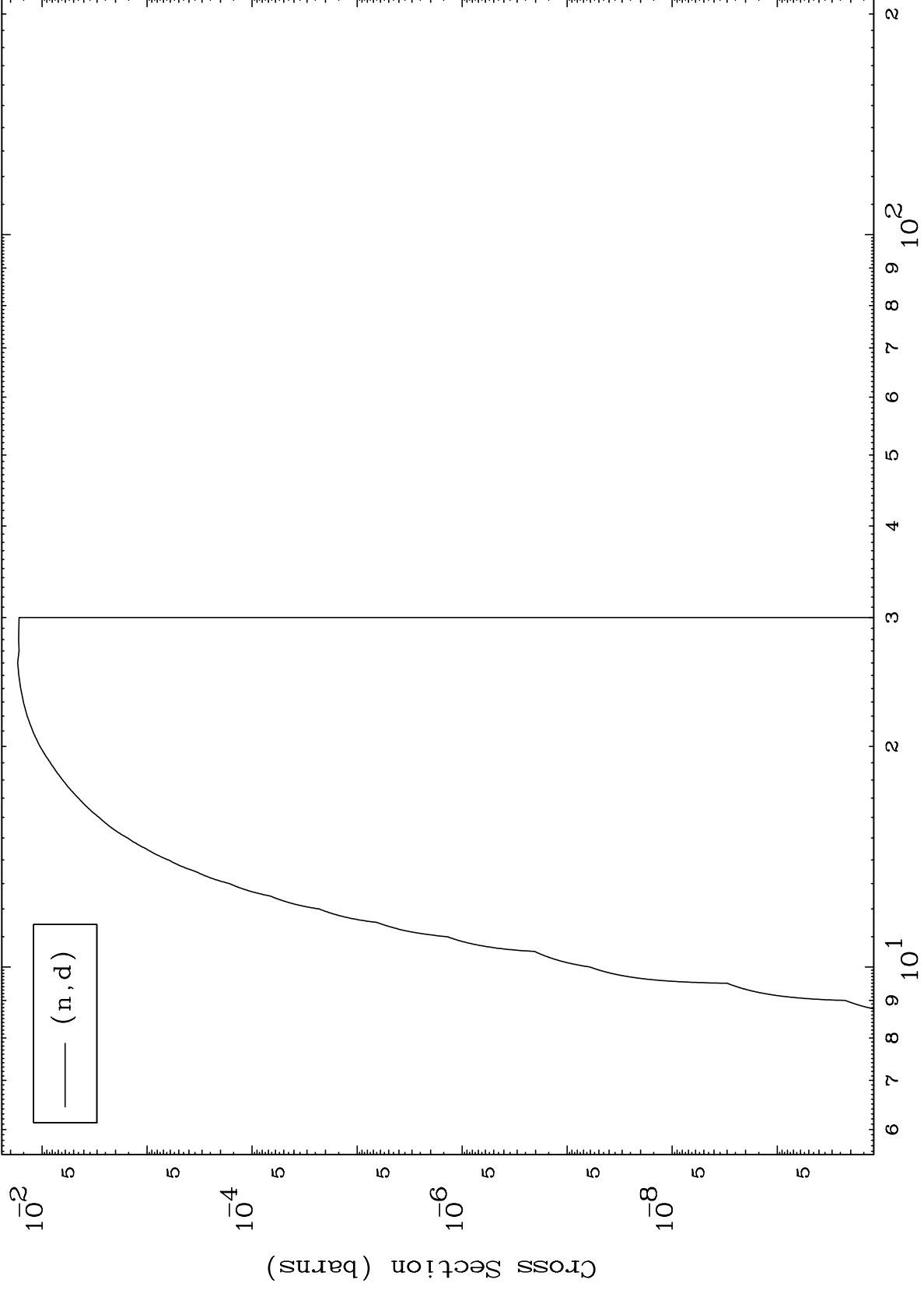
Incident Energy (MeV)

54-Xe-129m

MAT 5441

(n,d) Levels
293 Kelvin Cross Sections

54-Xe-129m



13

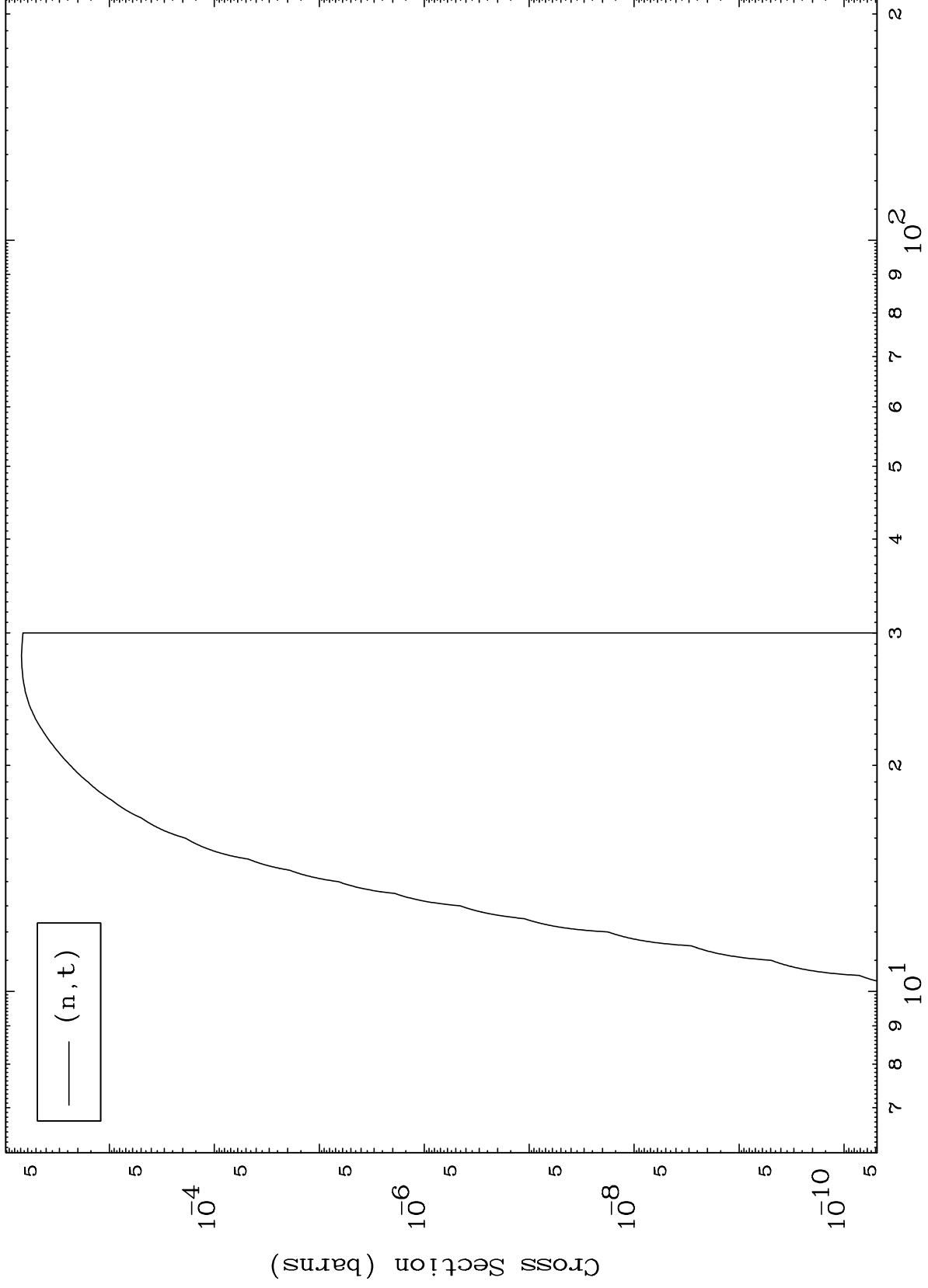
Incident Energy (MeV)

54-Xe-129m

MAT 5441

(n,t) Levels
293 Kelvin Cross Sections

54-Xe-129m



14

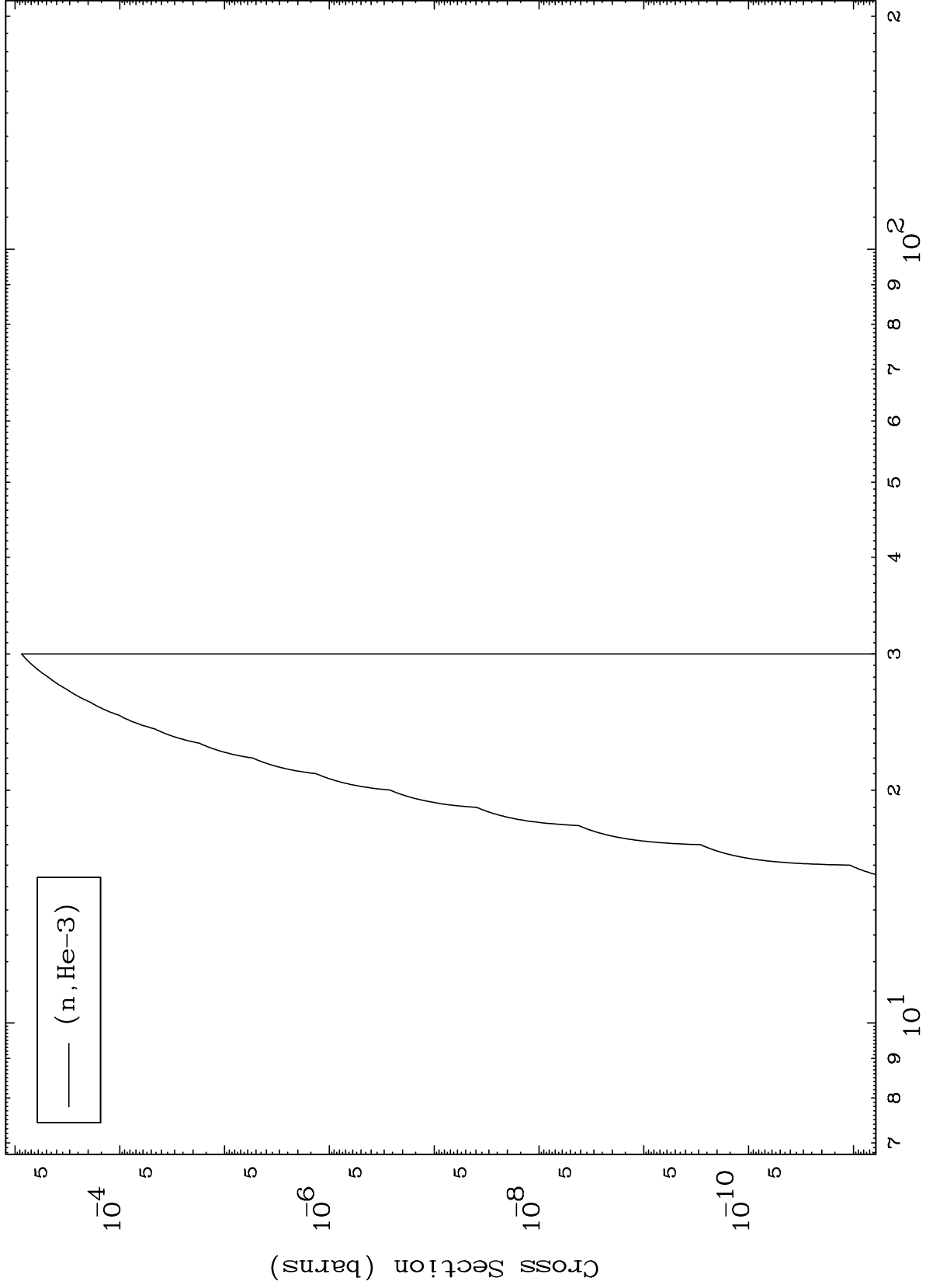
Incident Energy (MeV)

54-Xe-129m

MAT 5441

(n,He3) Levels
293 Kelvin Cross Sections

54-Xe-129m



15

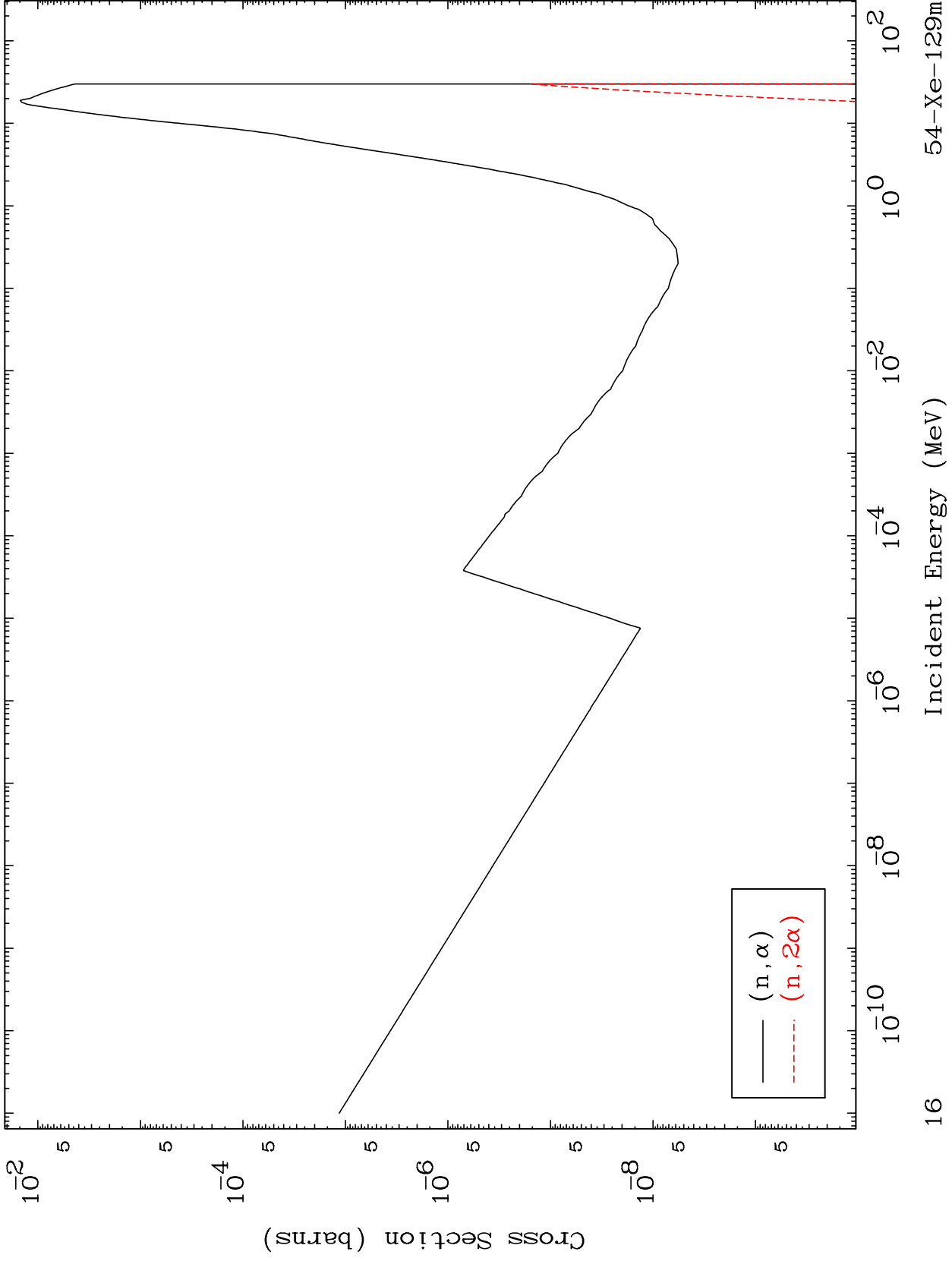
Incident Energy (MeV)

54-Xe-129m

MAT 5441

(n, α) Levels
293 Kelvin Cross Sections

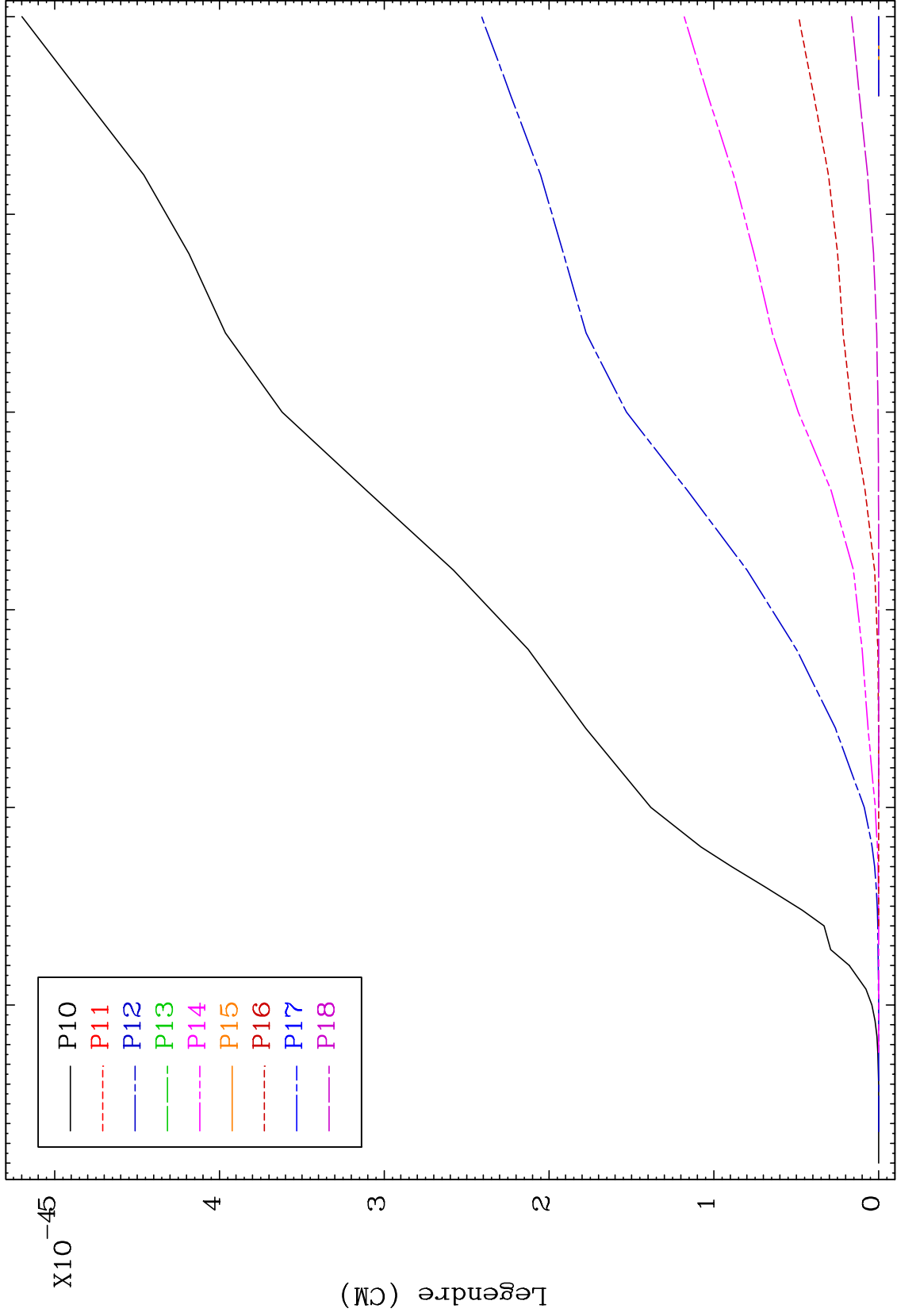
54-Xe-129m



MAT 5441

Elastic Legendre Coefficients

54-Xe-129m



18

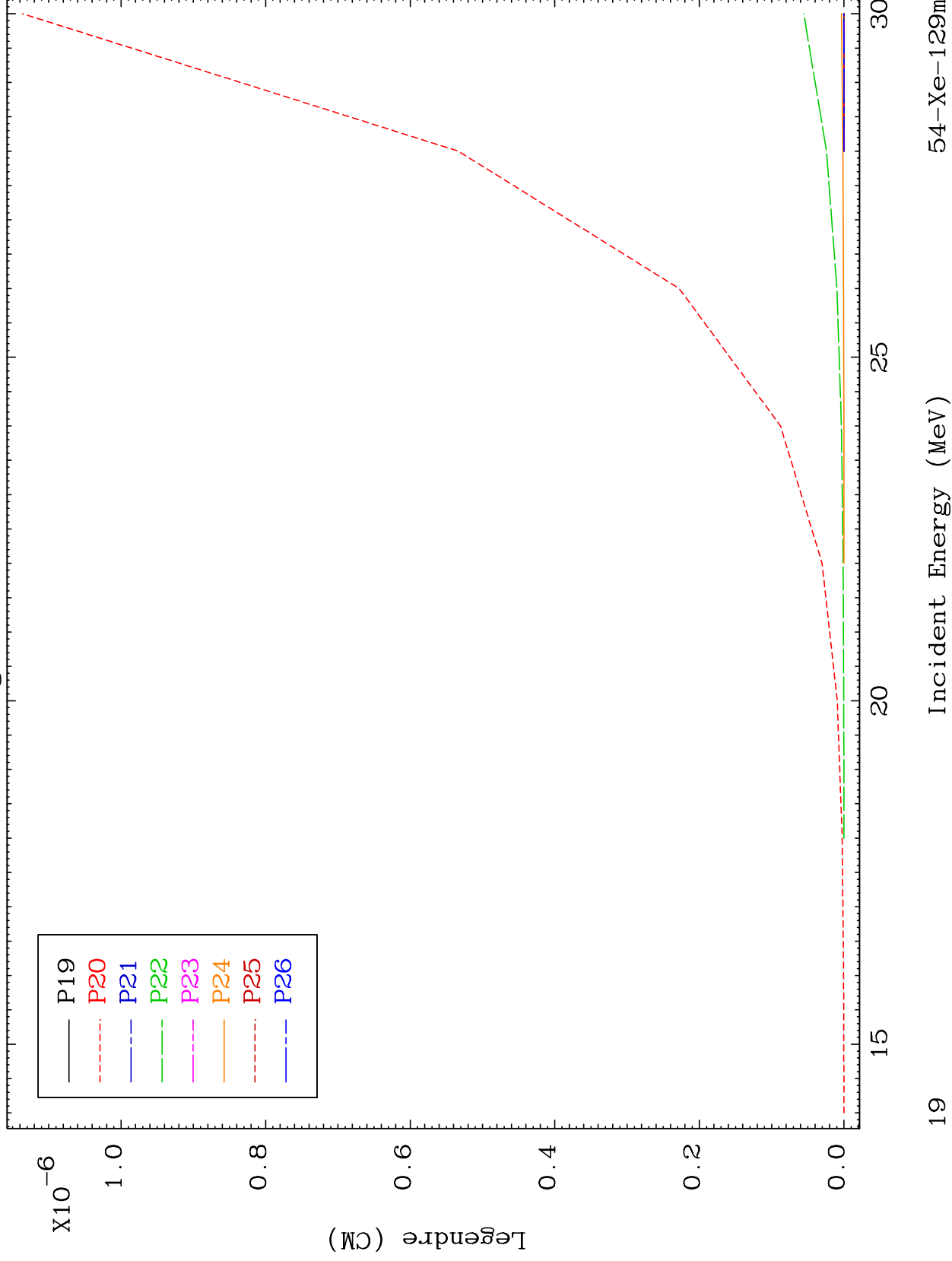
Incident Energy (MeV)

54-Xe-129m

MAT 5441

Elastic Legendre Coefficients

54-Xe-129m

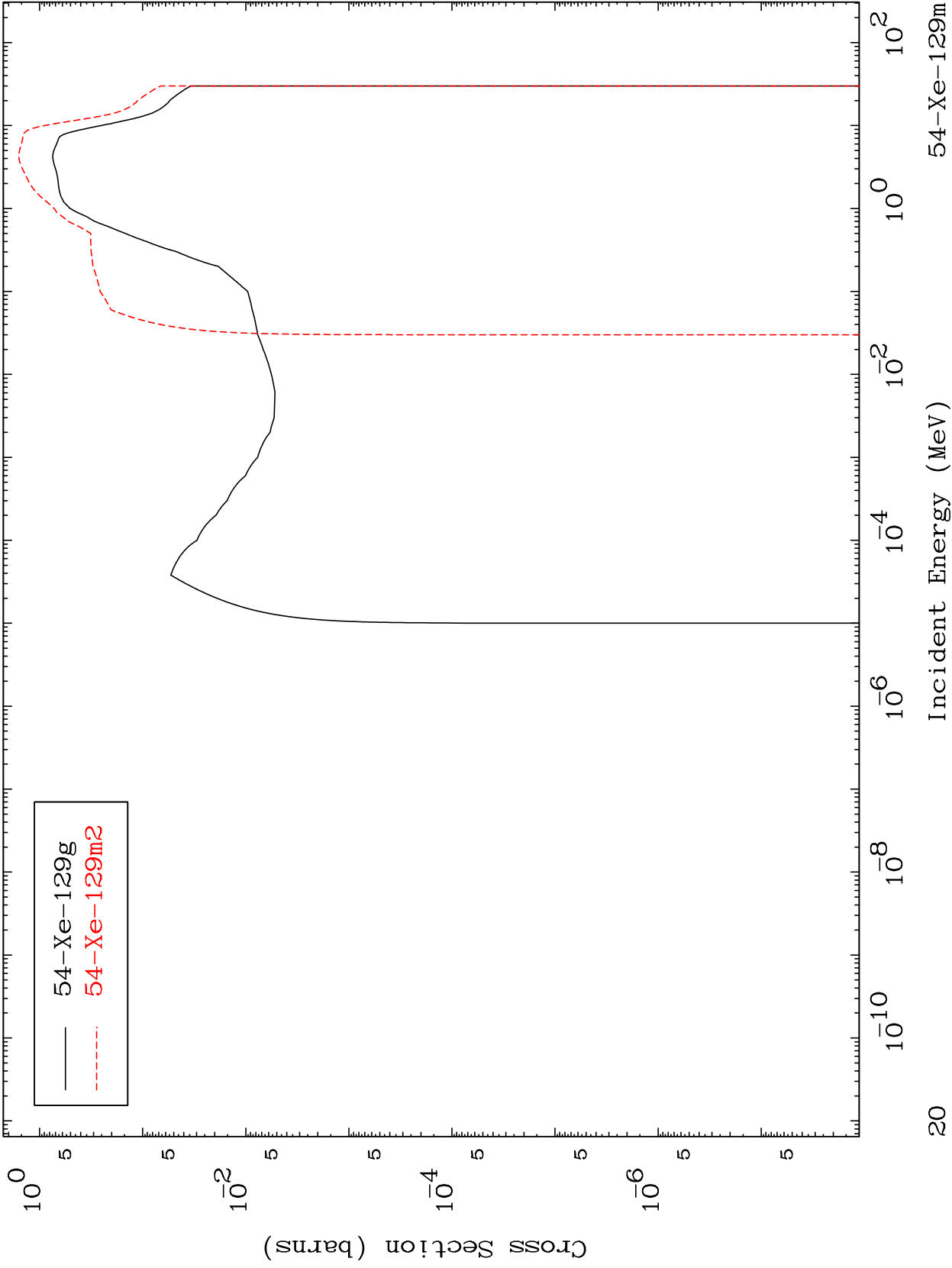


19

MAT 5441

Inelastic
Radionuclide Production Cross Section

54-Xe-129m

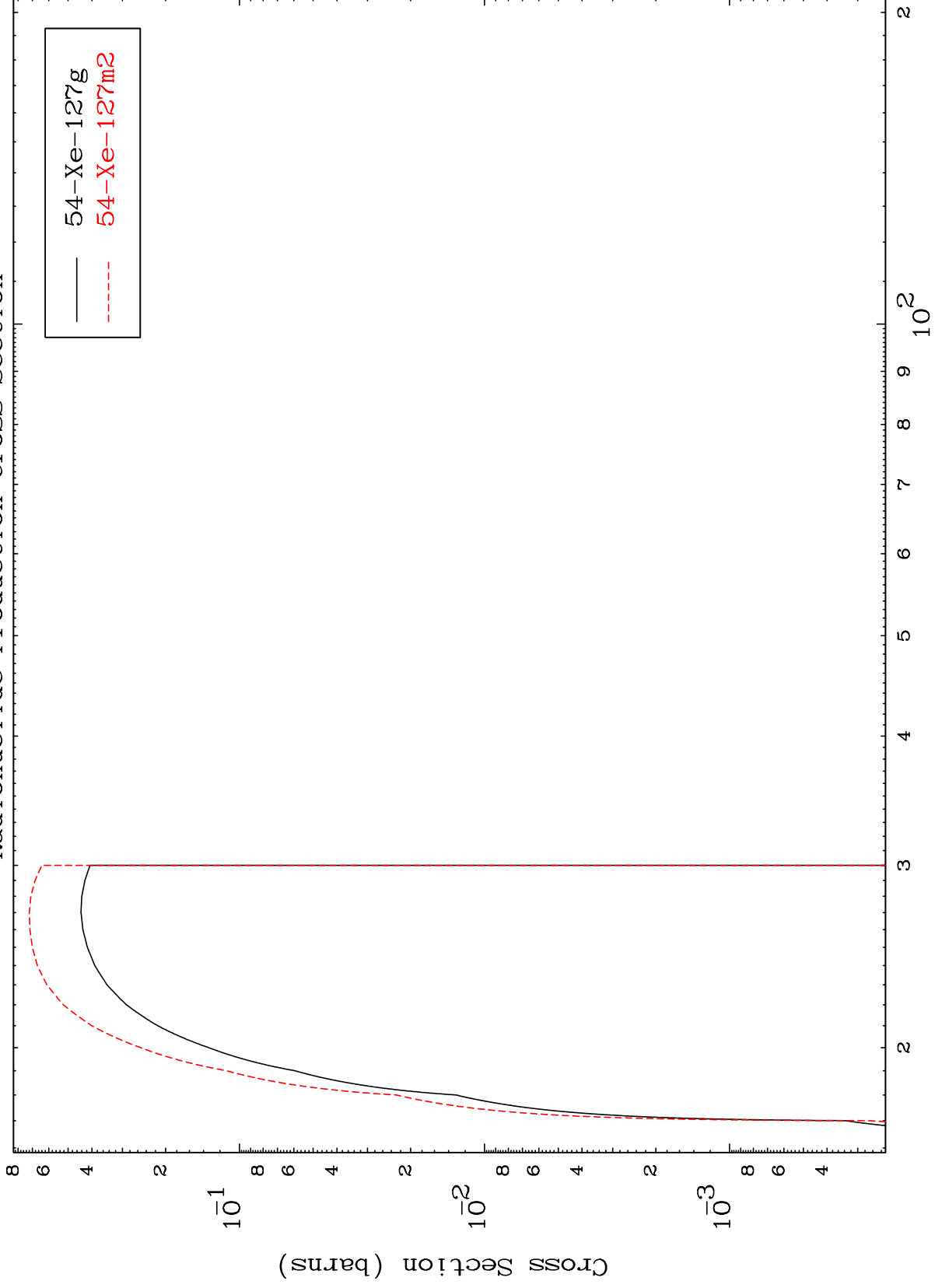


MAT 5441

(n,3n)

54-Xe-129m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

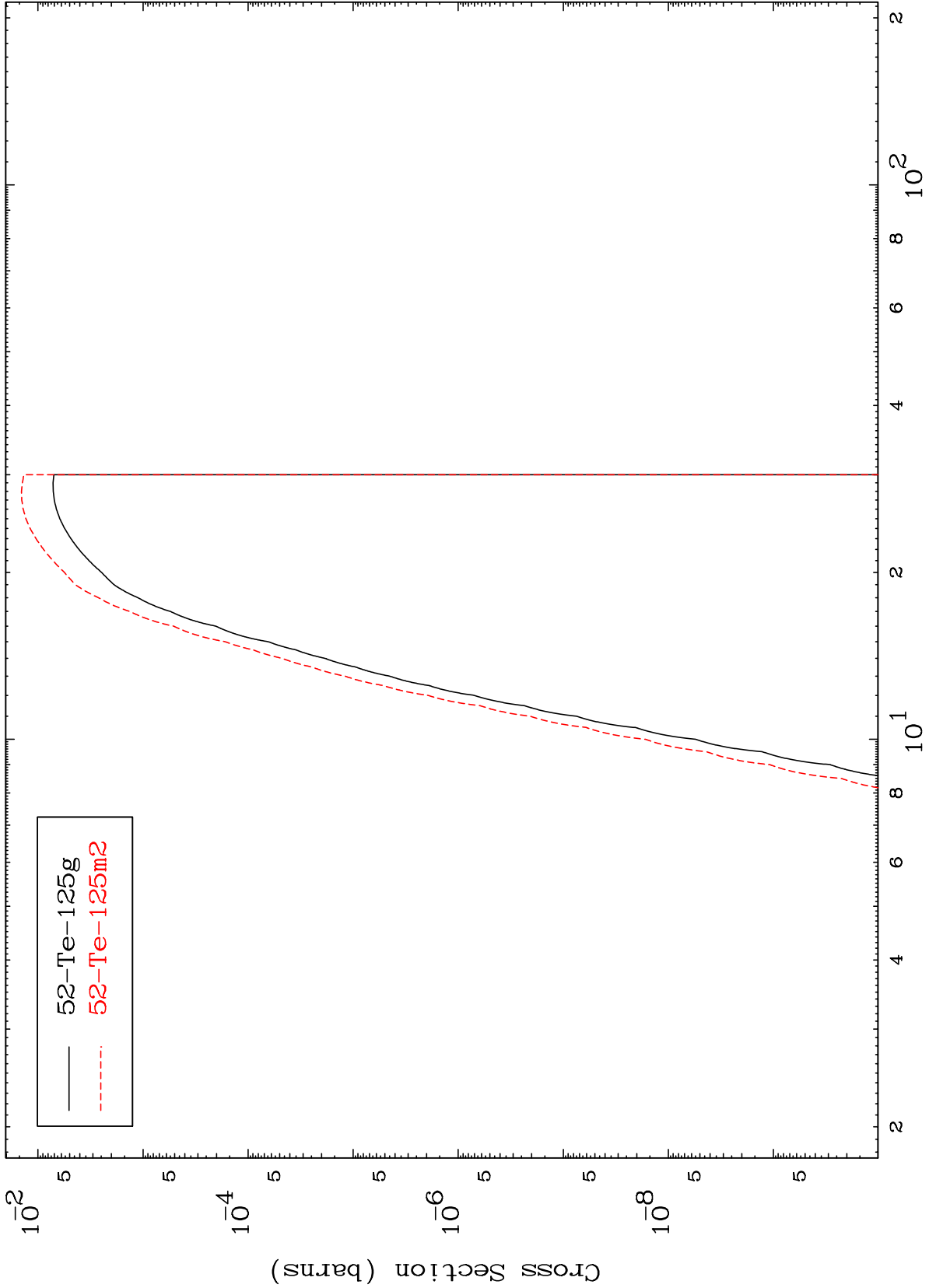
54-Xe-129m

MAT 5441

(n,n') α

54-Xe-129m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

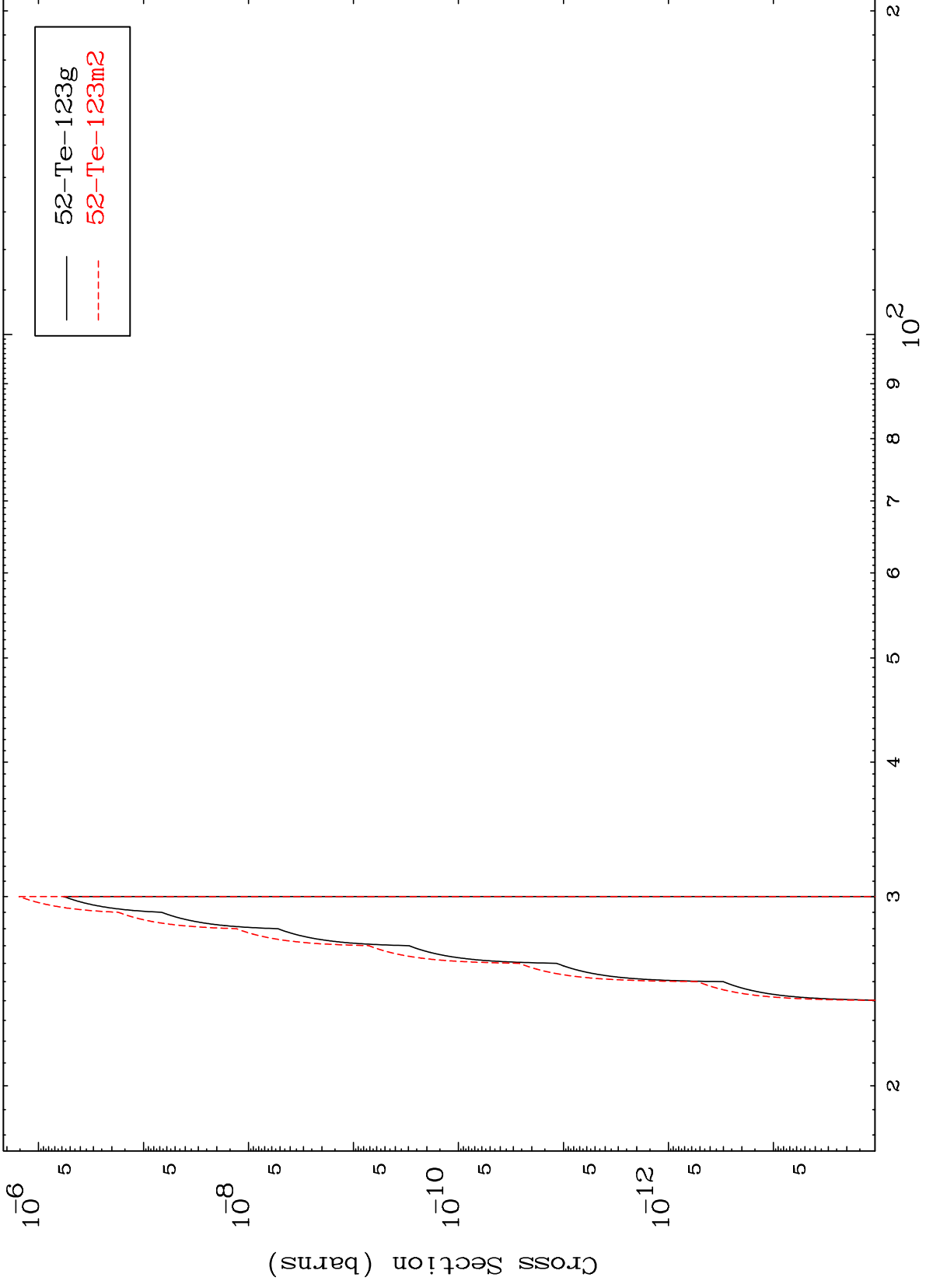
54-Xe-129m

MAT 5441

(n,3n) α

54-Xe-129m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

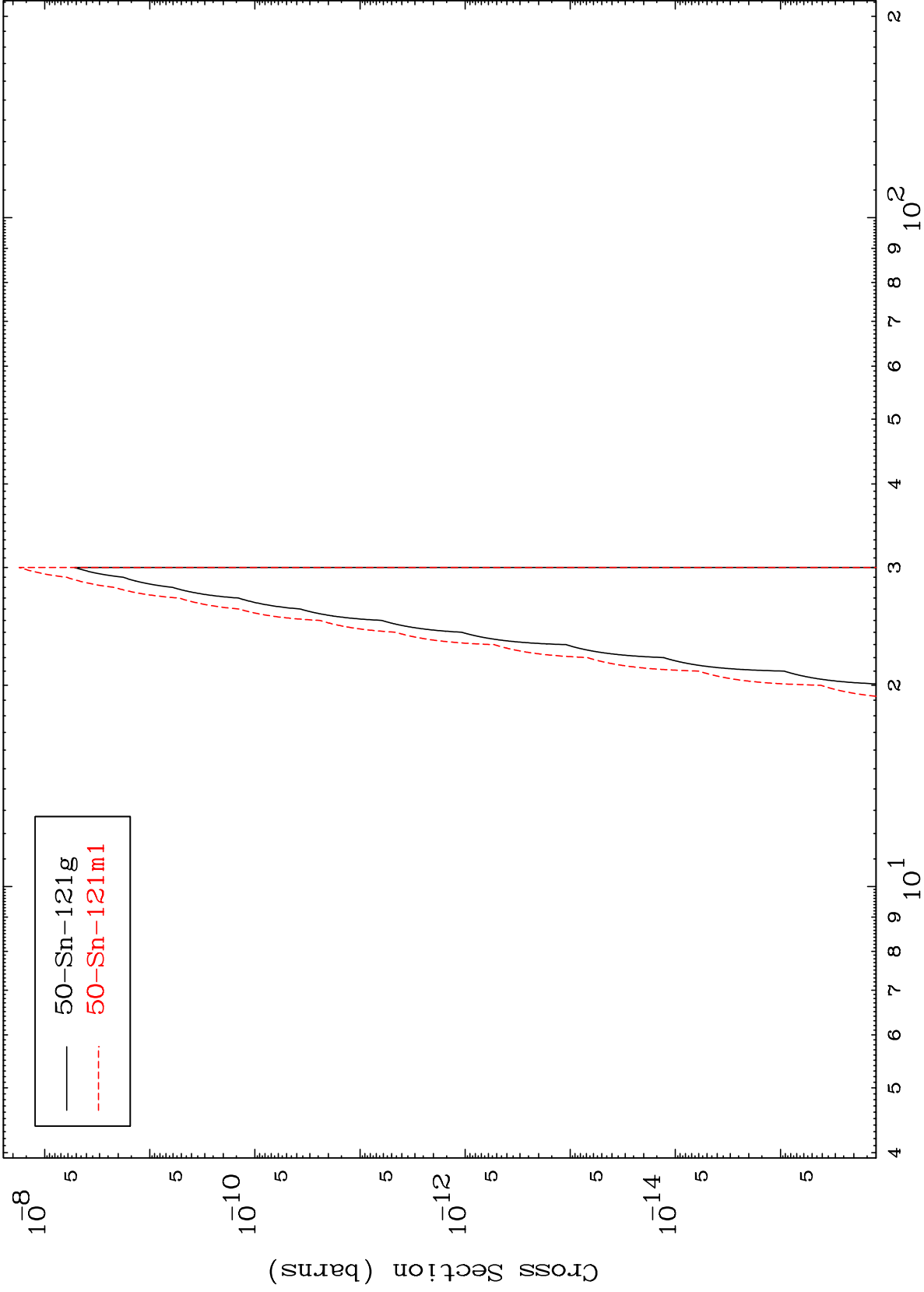
54-Xe-129m

MAT 5441

(n,n') 2α

54-Xe-129m

Radionuclide Production Cross Section

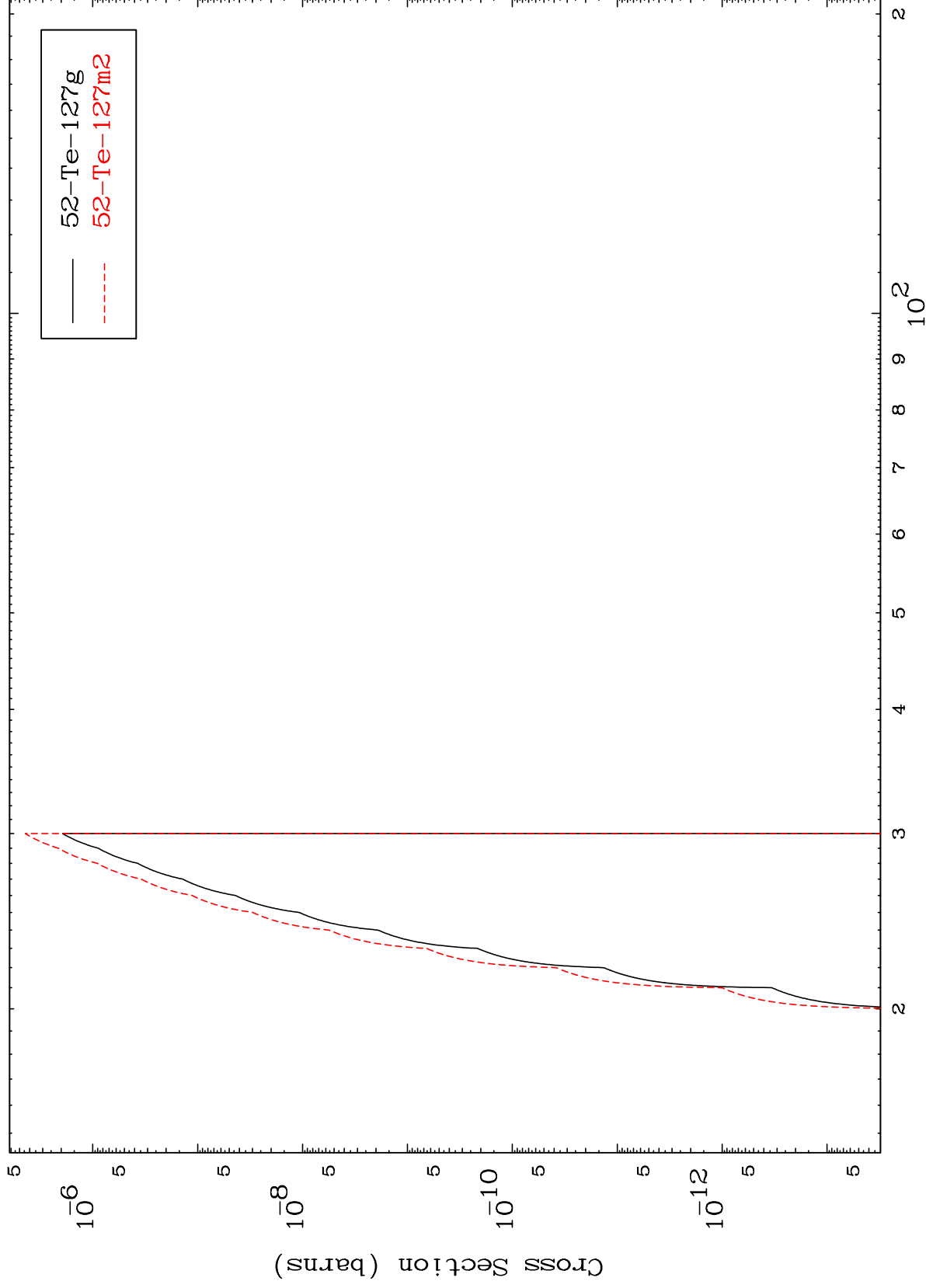


24

Incident Energy (MeV)

54-Xe-129m

Radionuclide Production Cross Section

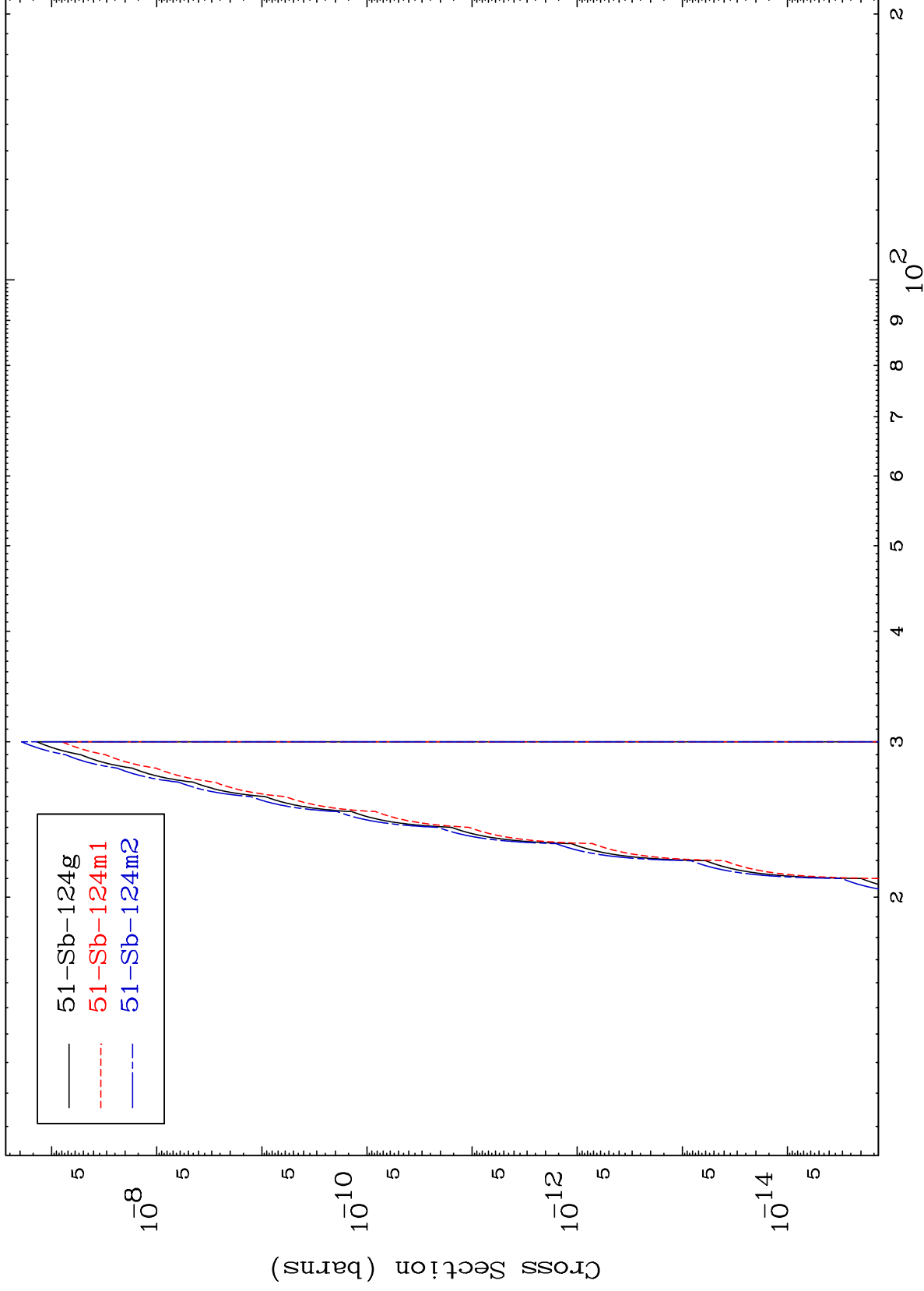


MAT 5441

(n,n') p α

54-Xe-129m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

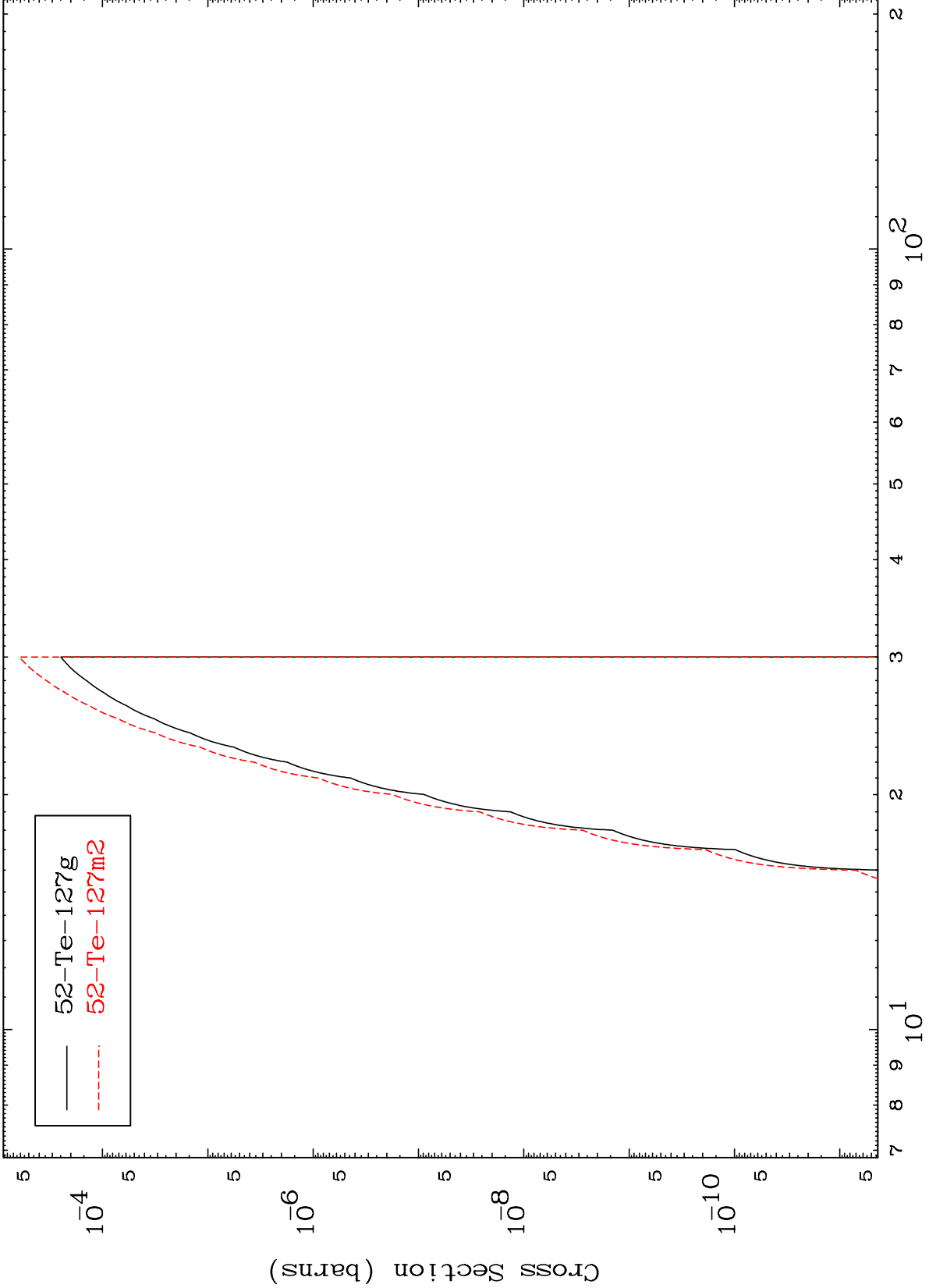
54-Xe-129m

MAT 5441

(n,He-3)

54-Xe-129m

Radionuclide Production Cross Section

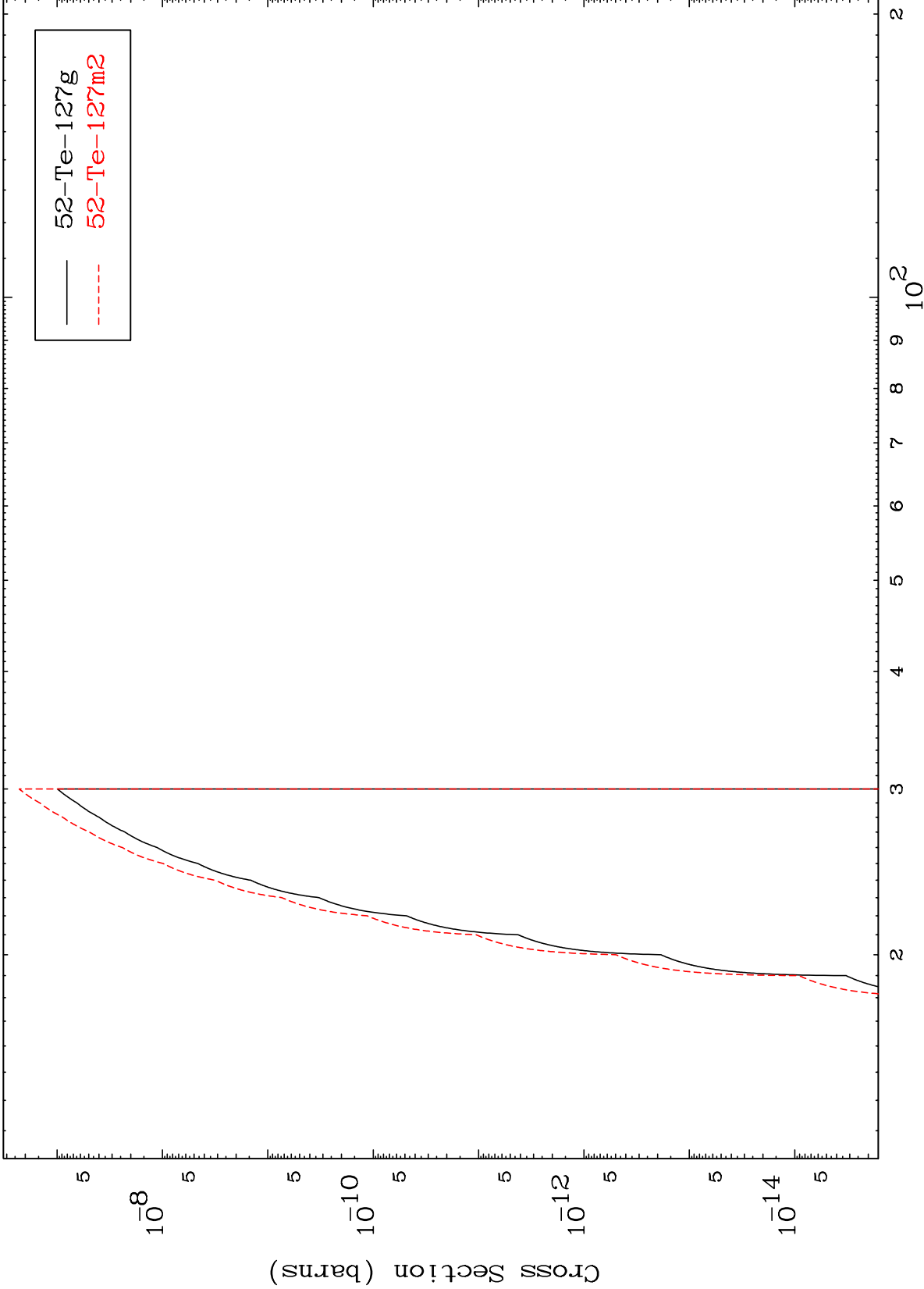


27

Incident Energy (MeV)

54-Xe-129m

Radionuclide Production Cross Section



Radionuclide Production Cross Section

