

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

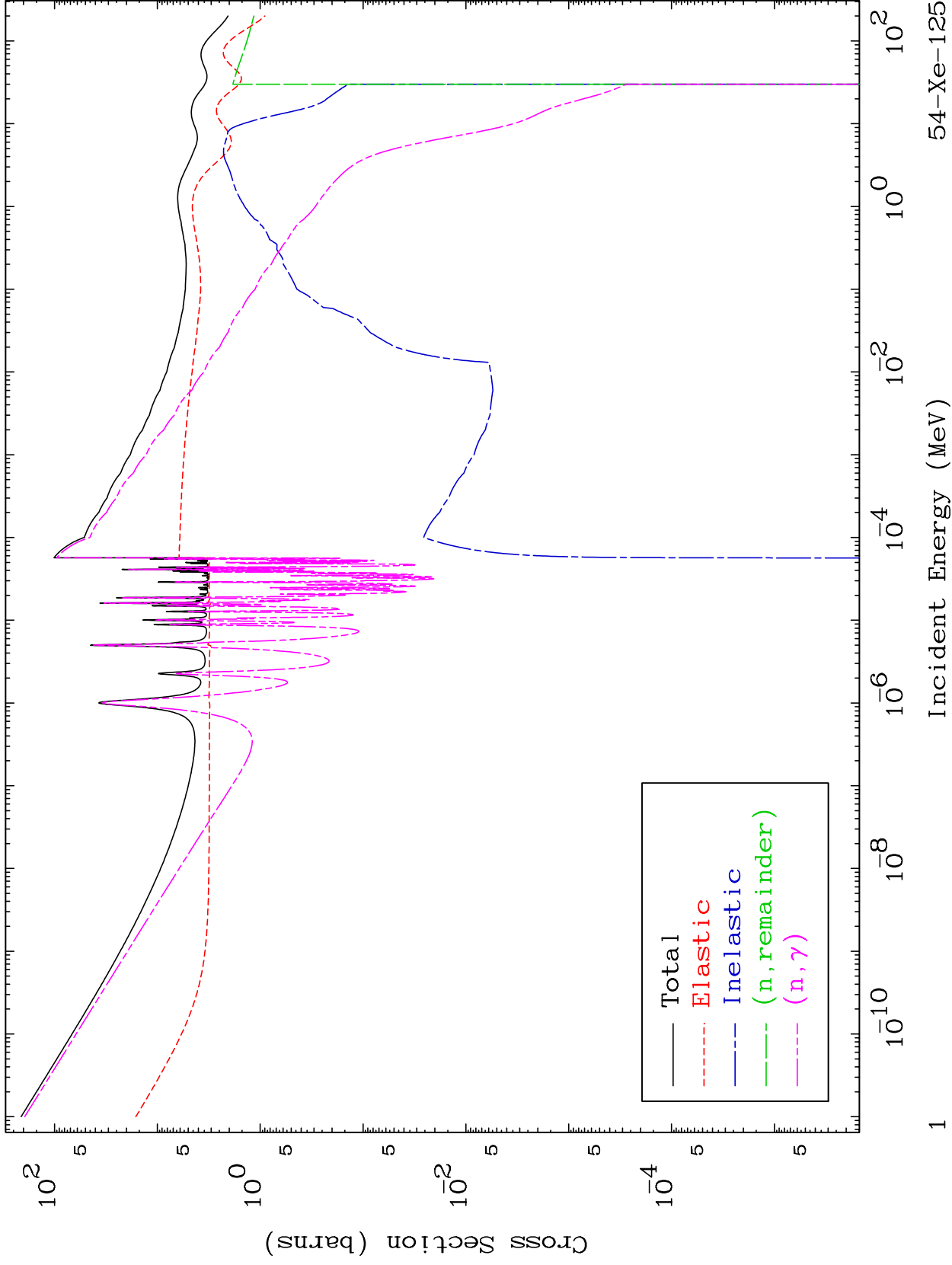
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5429

Major
293 Kelvin Cross Sections

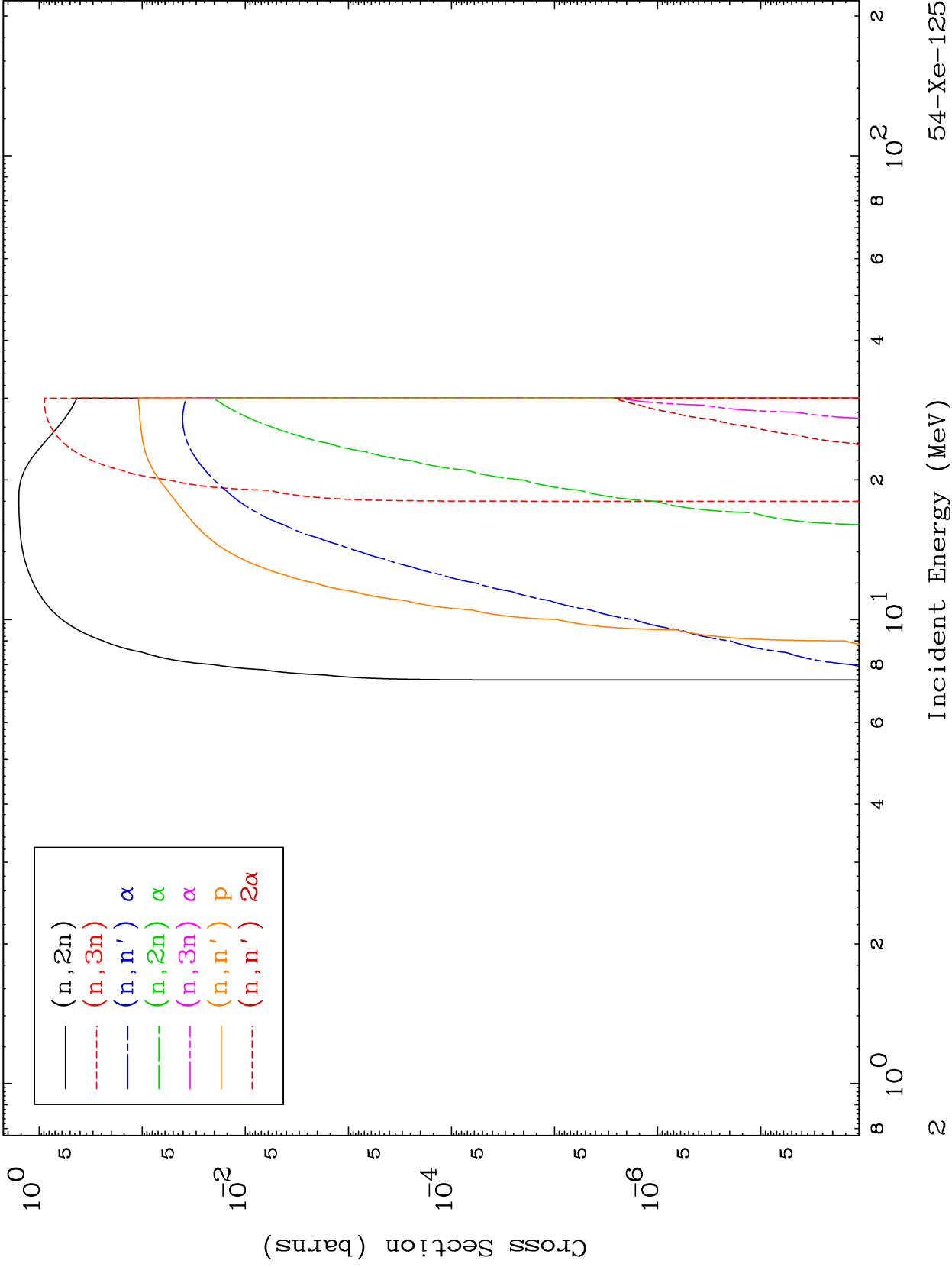
54-Xe-125

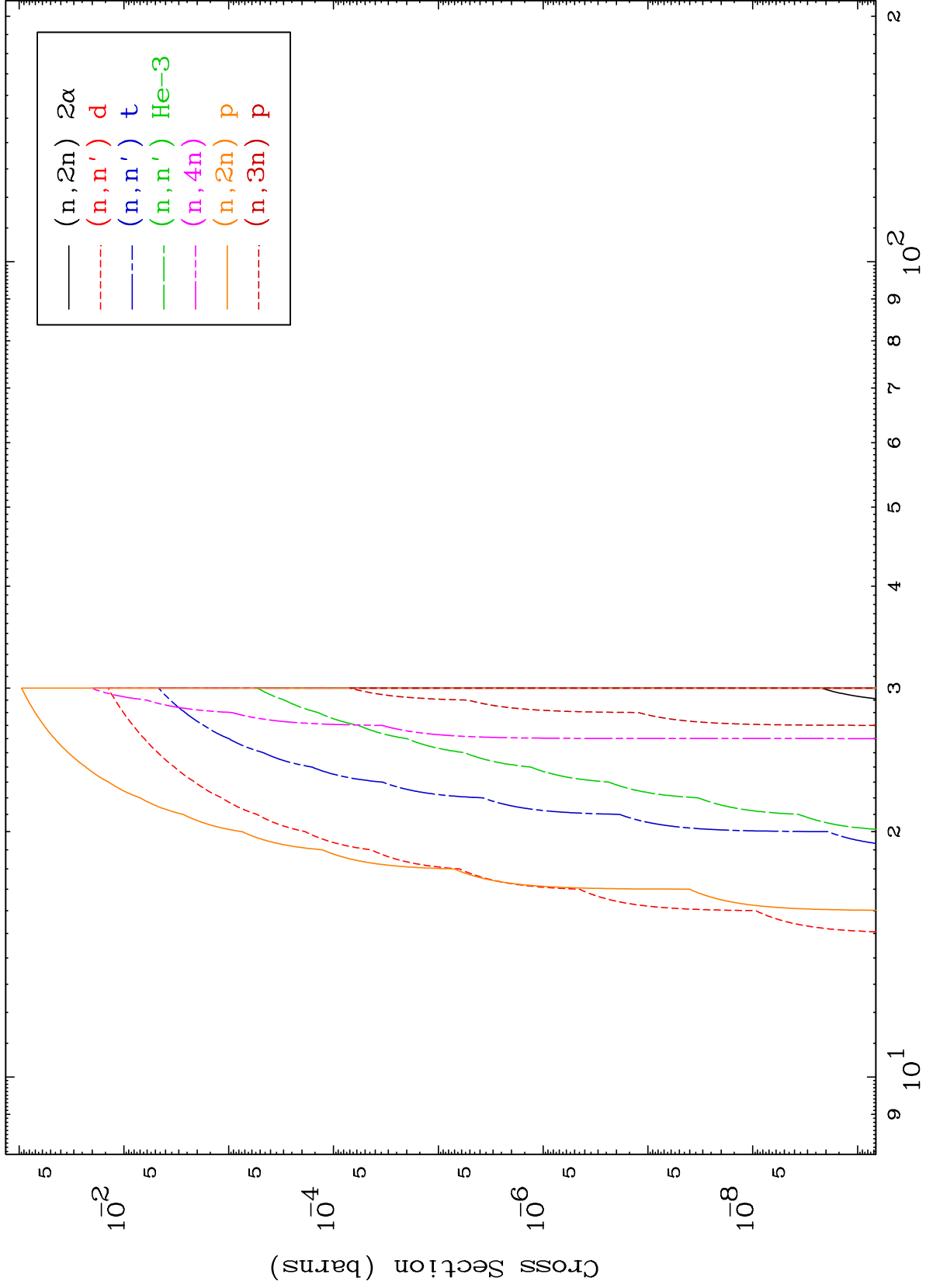


MAT 5429

Neutron Production
293 Kelvin Cross Sections

54-Xe-125

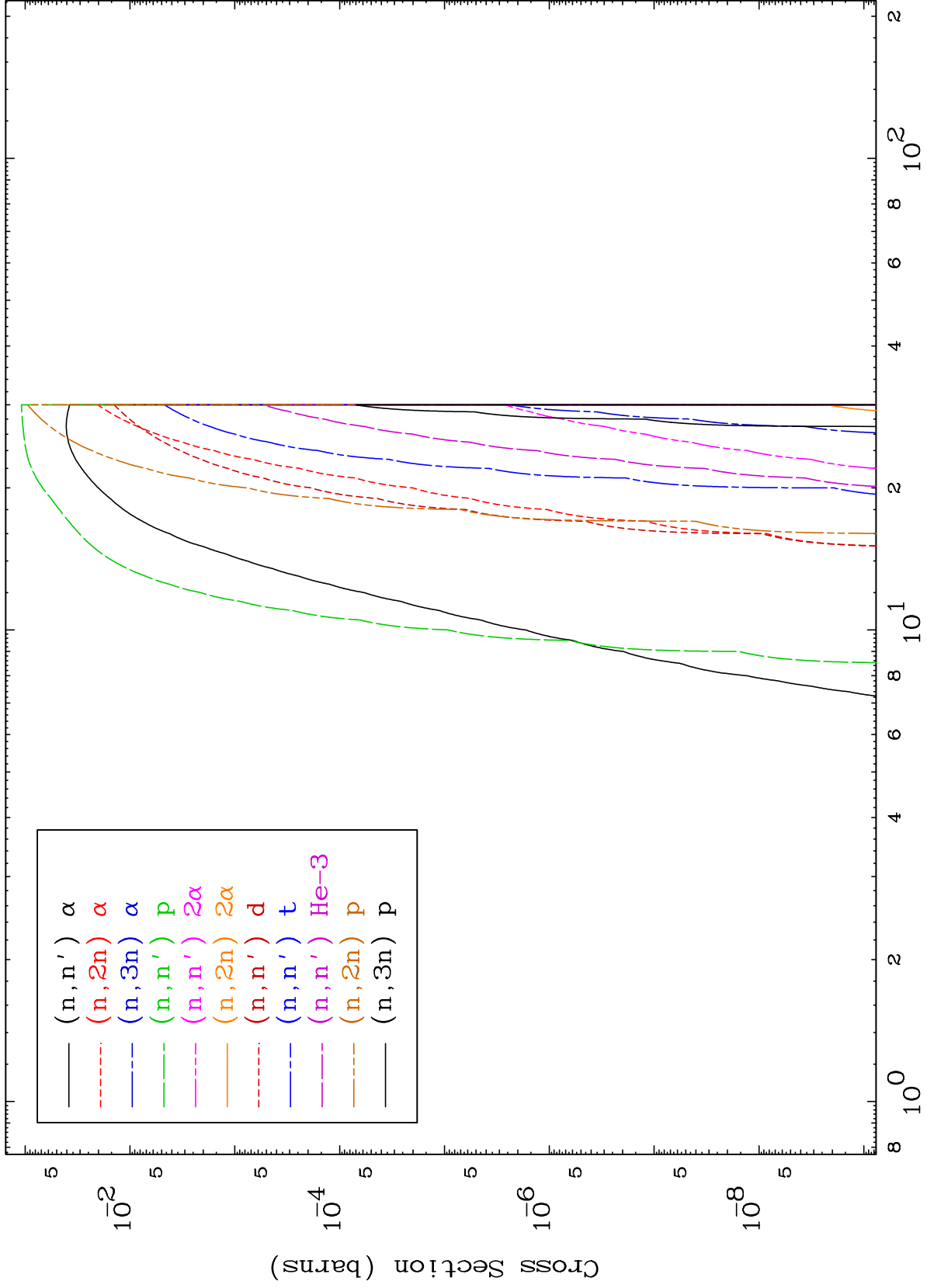




MAT 5429

Charged Particle
293 Kelvin Cross Sections

54-Xe-125



54-Xe-125

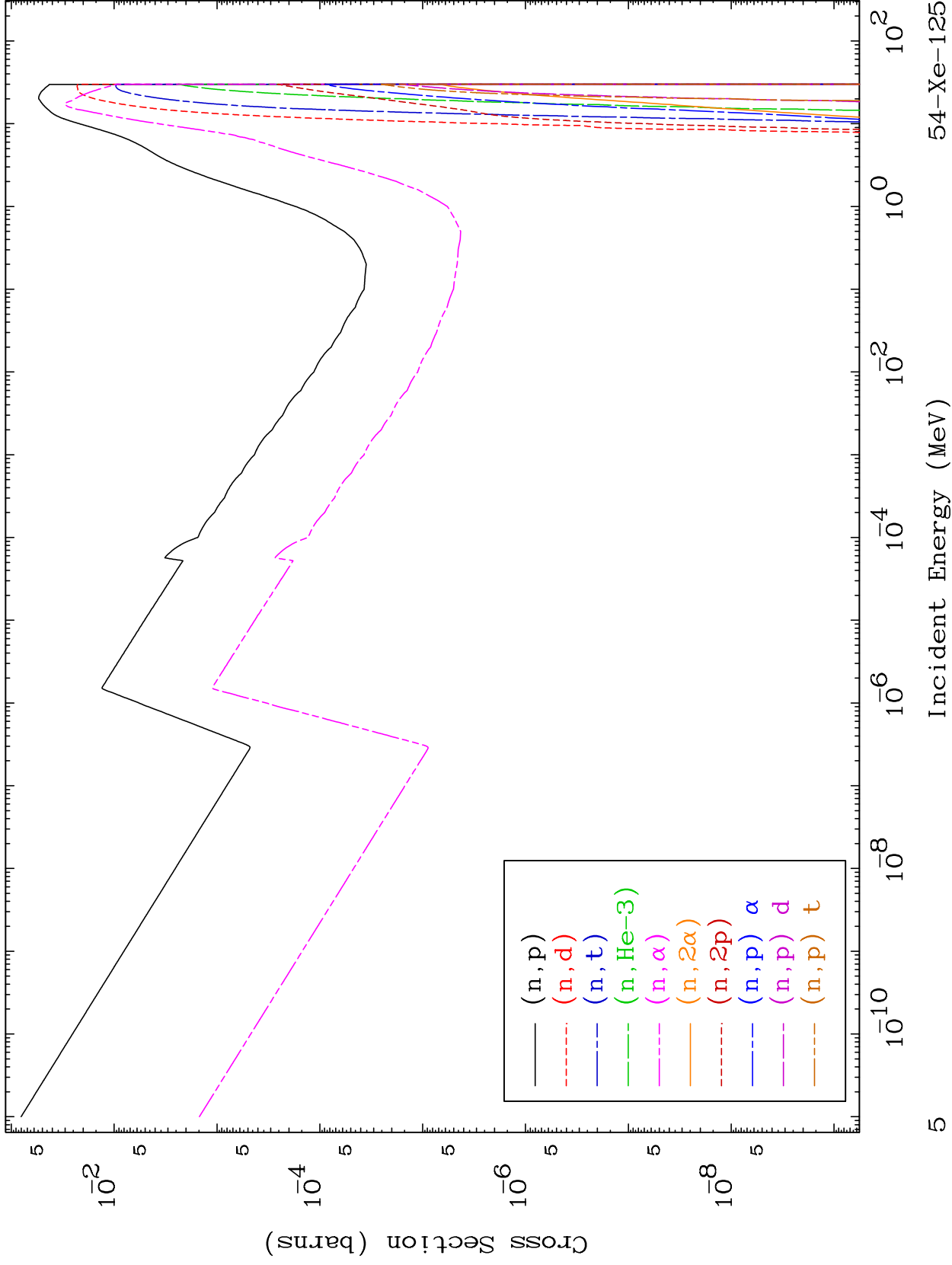
Incident Energy (MeV)

4

MAT 5429

Charged Particle
293 Kelvin Cross Sections

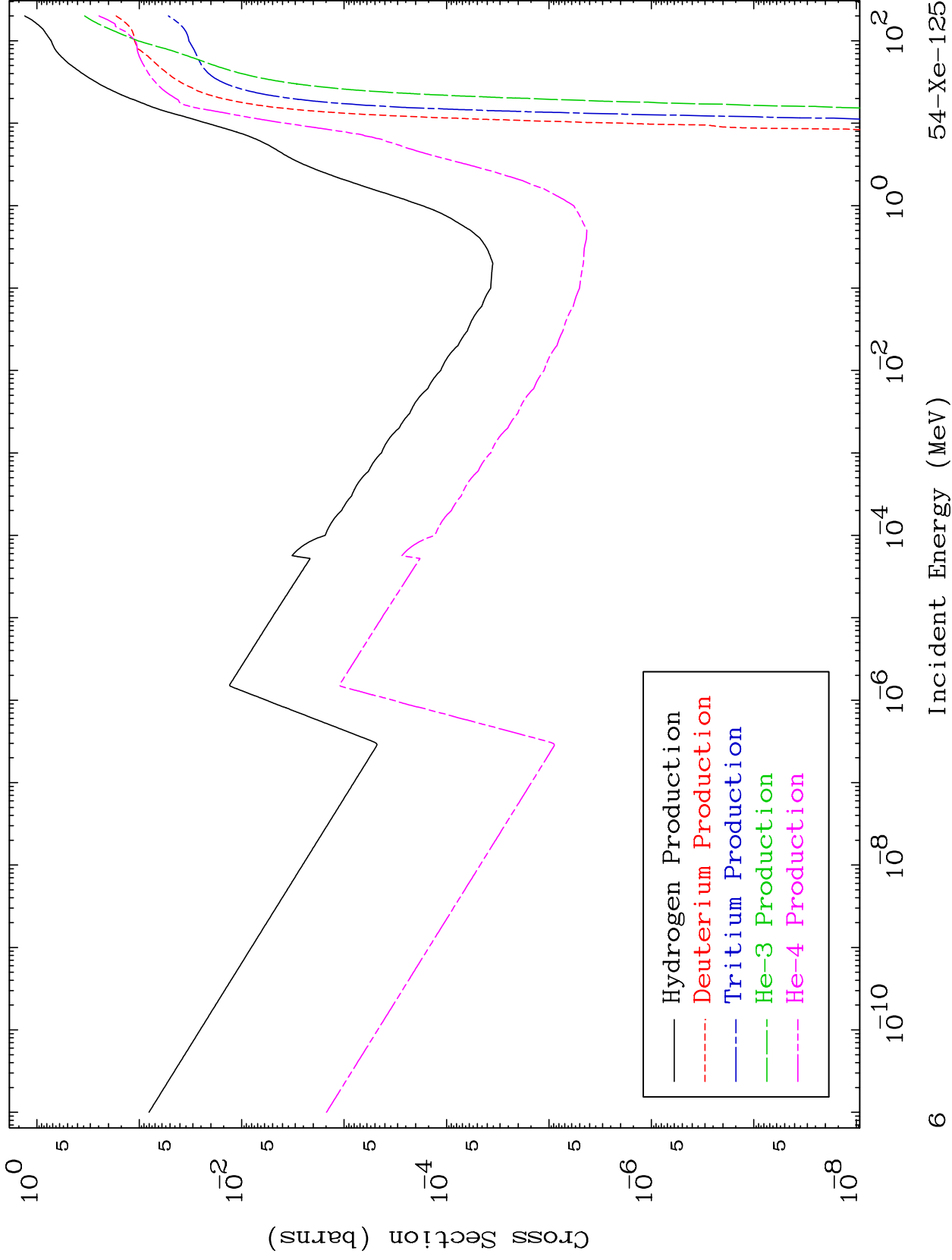
54-Xe-125



MAT 5429

Particle Production
293 Kelvin Cross Sections

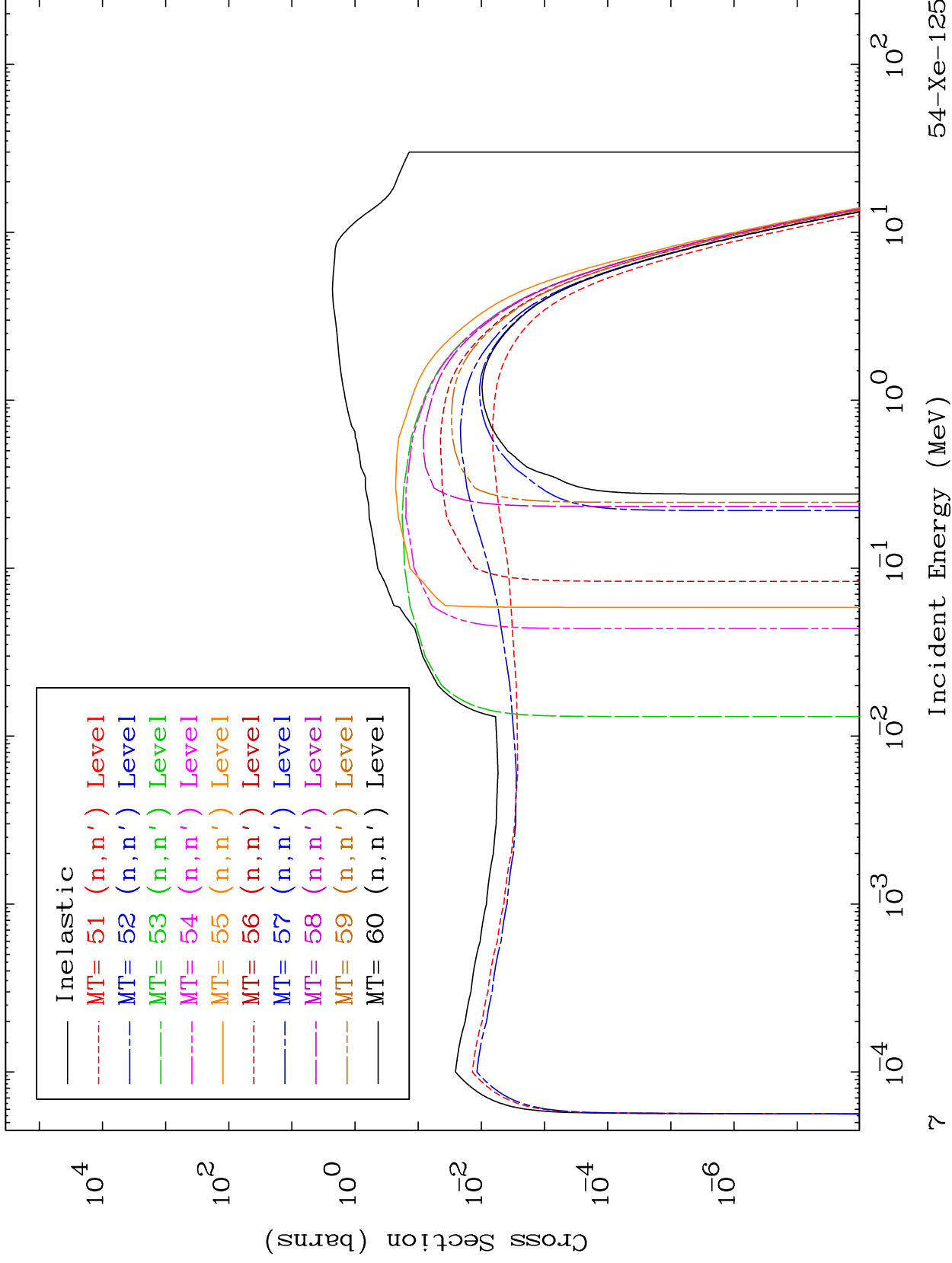
54-Xe-125



MAT 5429

(n,n') Level
293 Kelvin Cross Sections

54-Xe-125

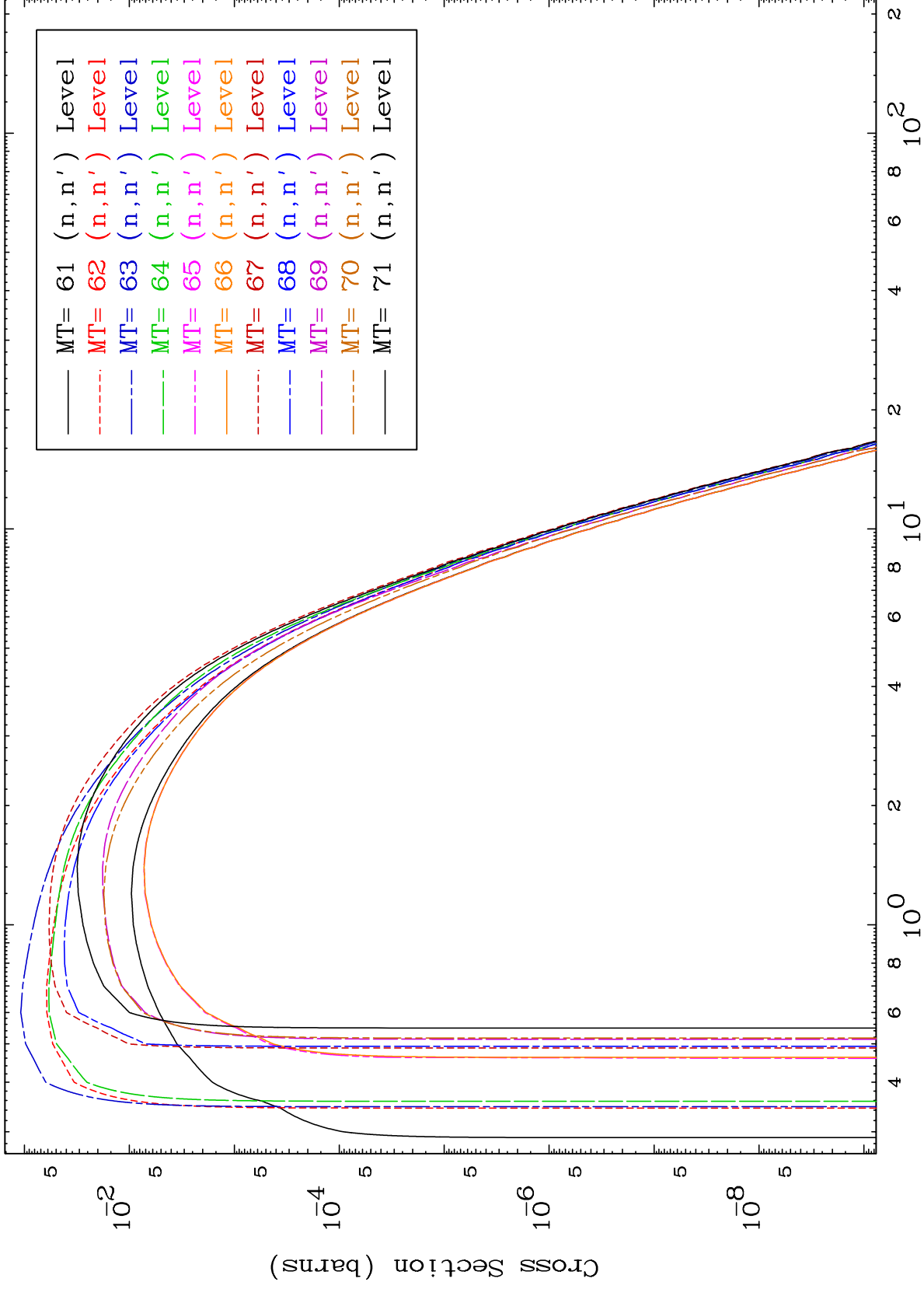


MAT 5429

(n,n') Level

54-Xe-125

293 Kelvin Cross Sections

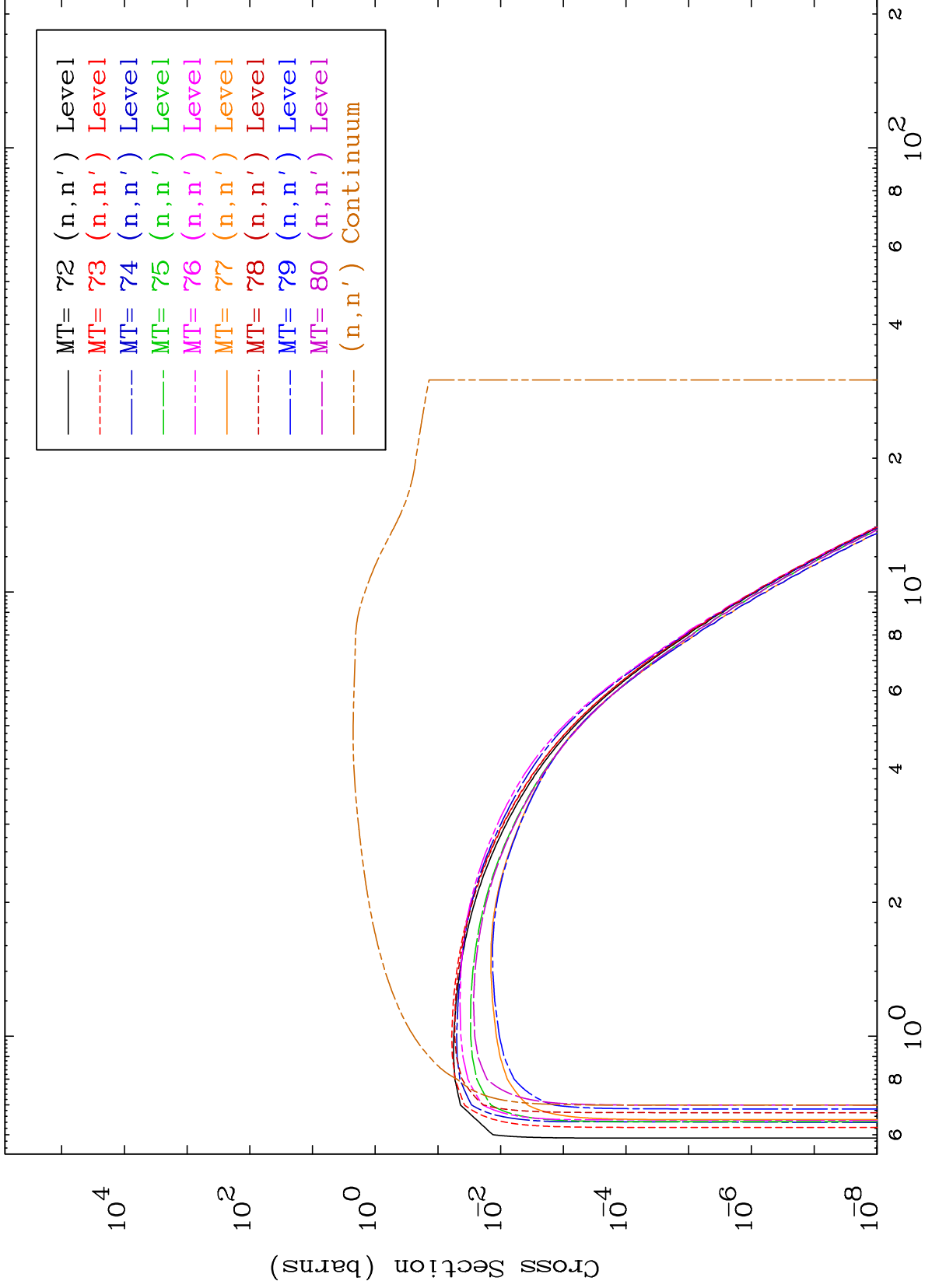


Incident Energy (MeV)

54-Xe-125

8

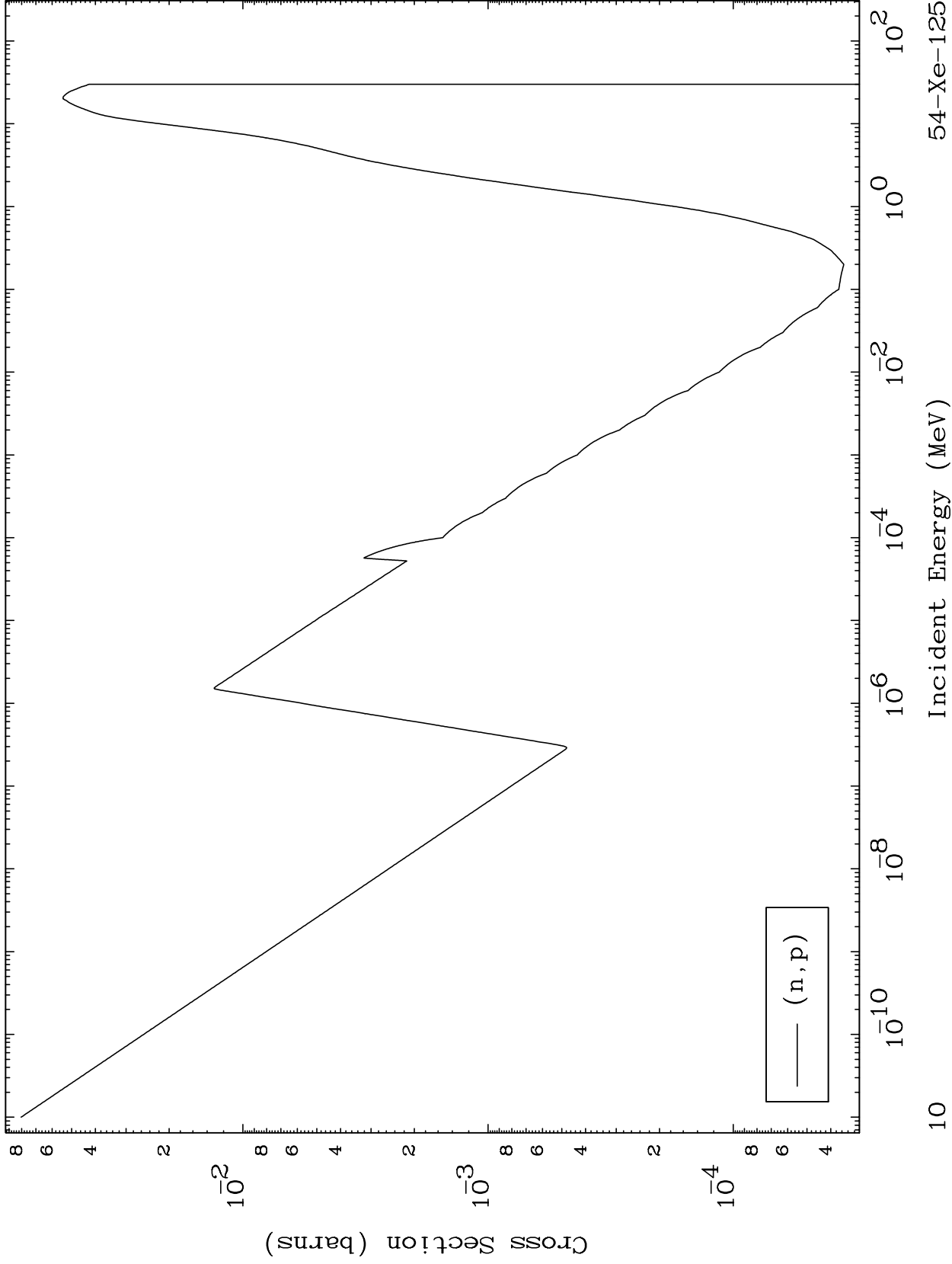
293 Kelvin Cross Sections



MAT 5429

(n,p) Levels
293 Kelvin Cross Sections

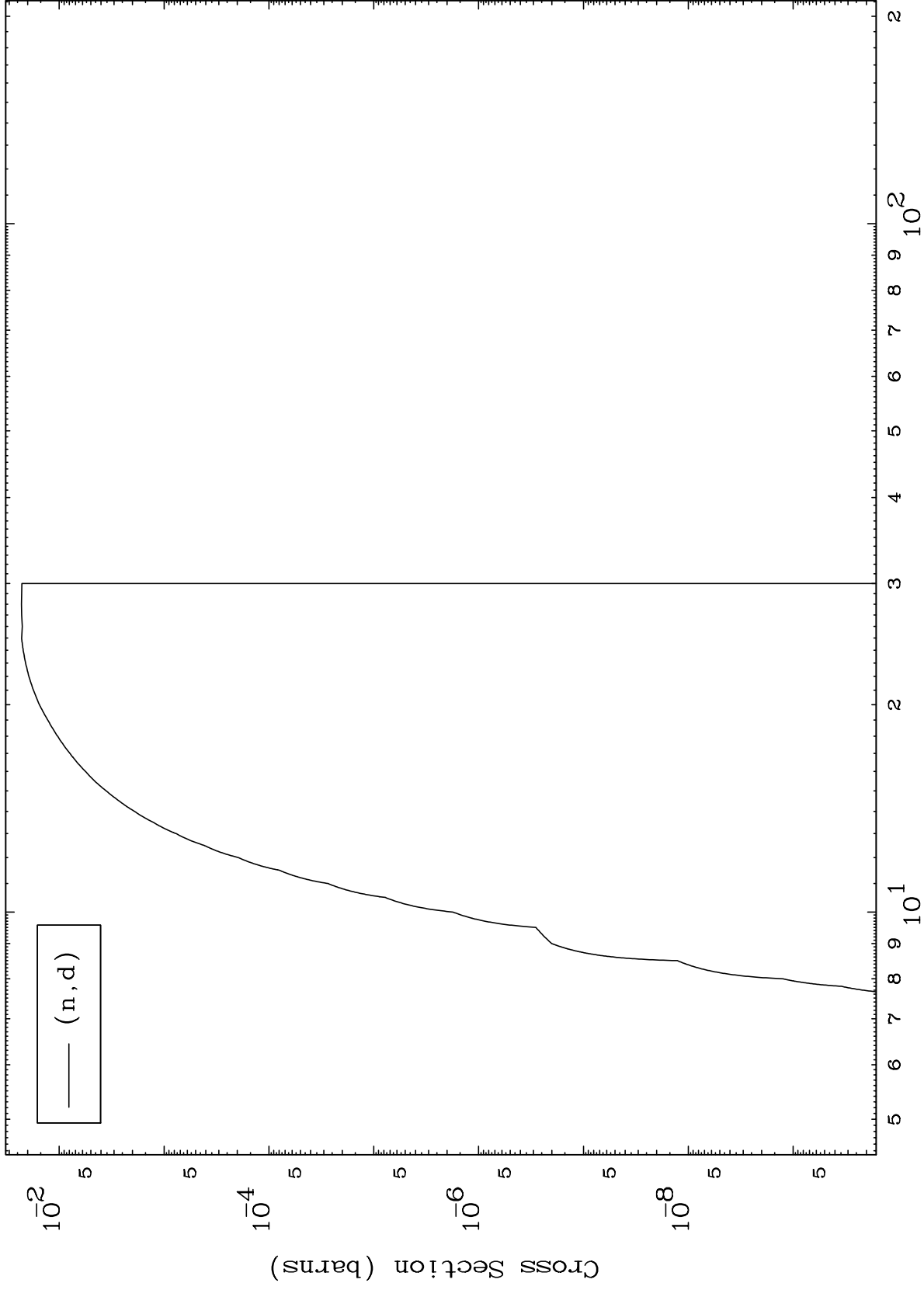
54-Xe-125



MAT 5429

(n,d) Levels
293 Kelvin Cross Sections

54-Xe-125



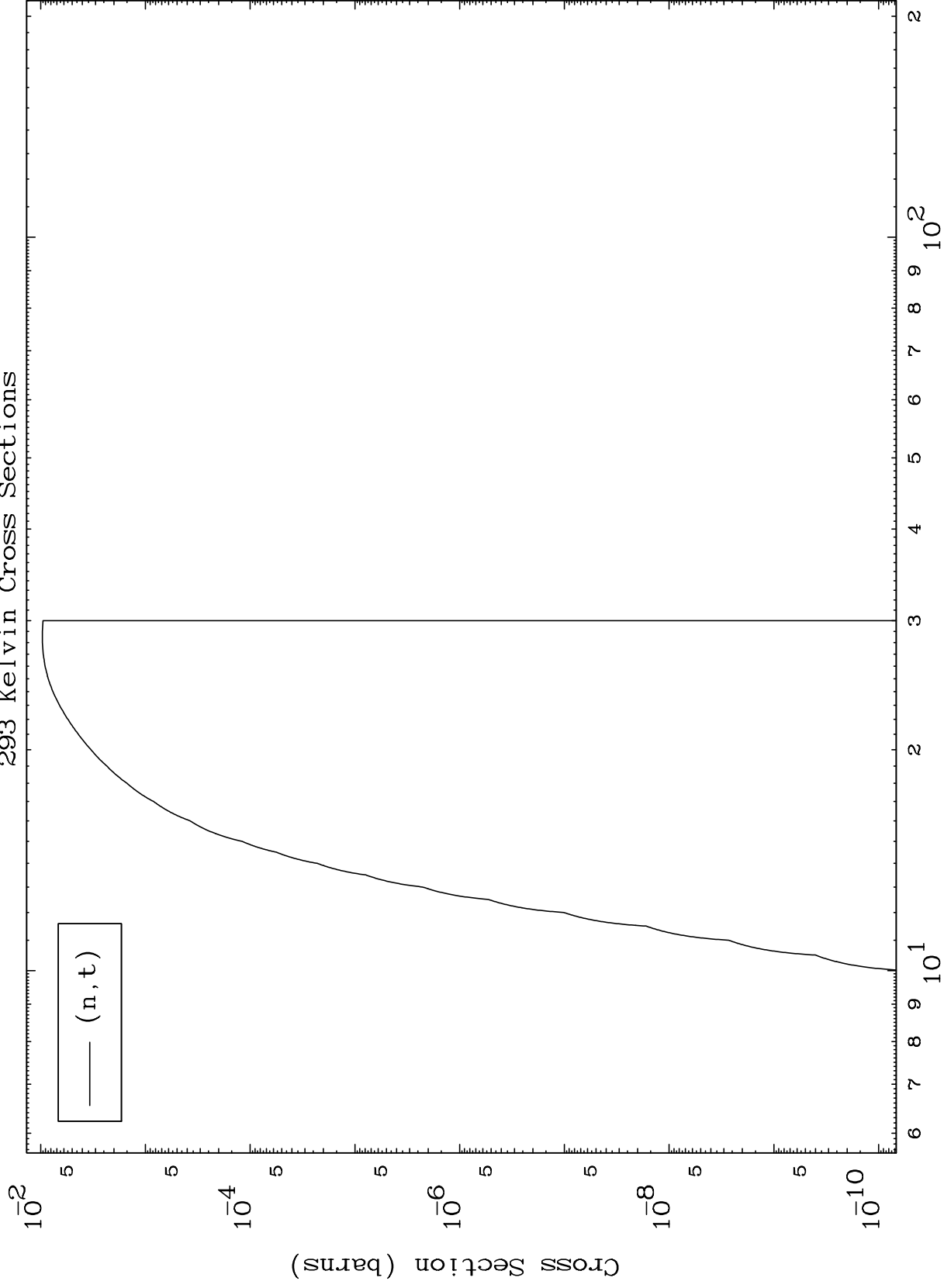
11

54-Xe-125

MAT 5429

(n, t) Levels
293 Kelvin Cross Sections

54-Xe-125



12

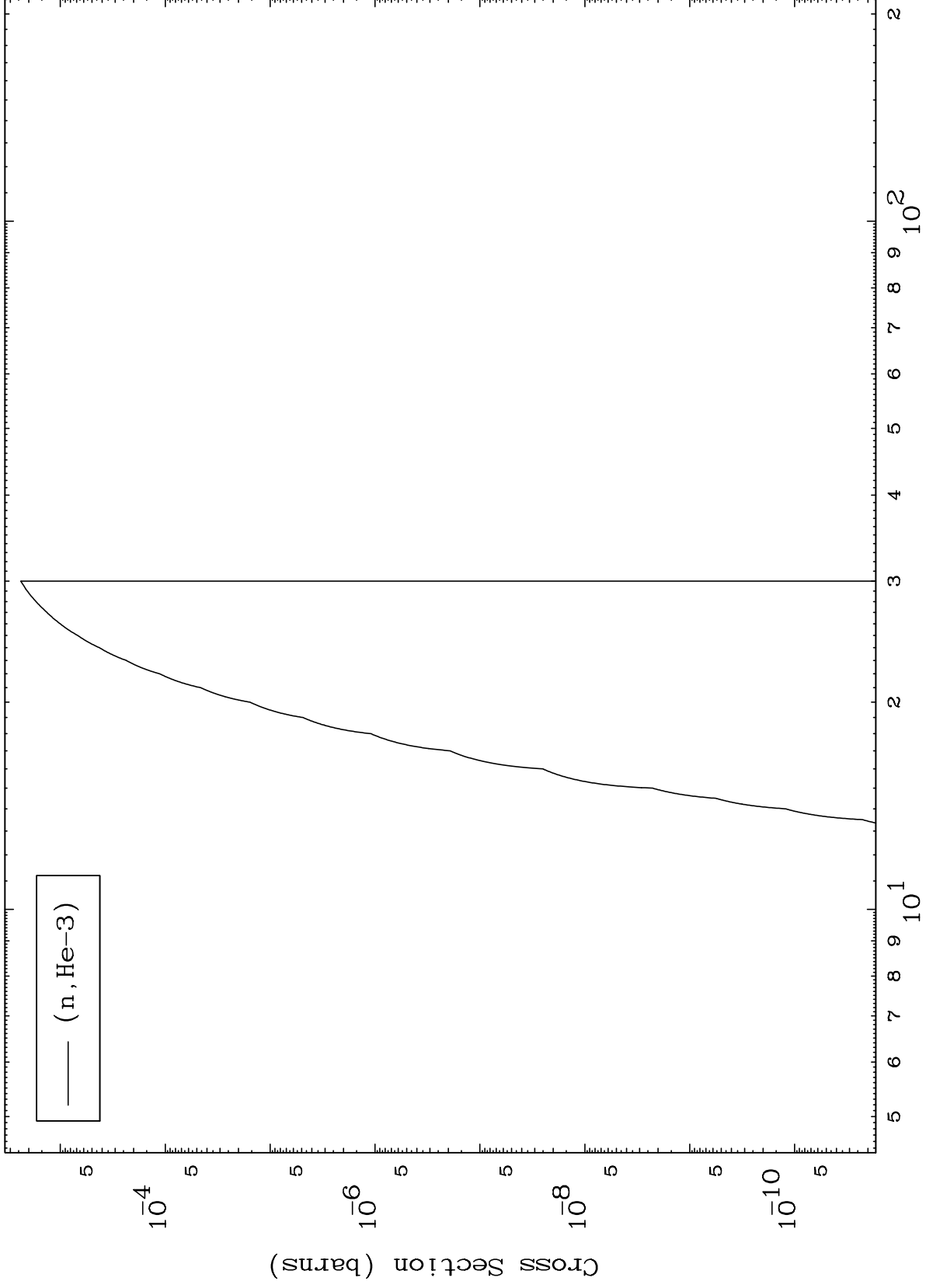
Incident Energy (MeV)

54-Xe-125

MAT 5429

(n,He3) Levels
293 Kelvin Cross Sections

54-Xe-125



13

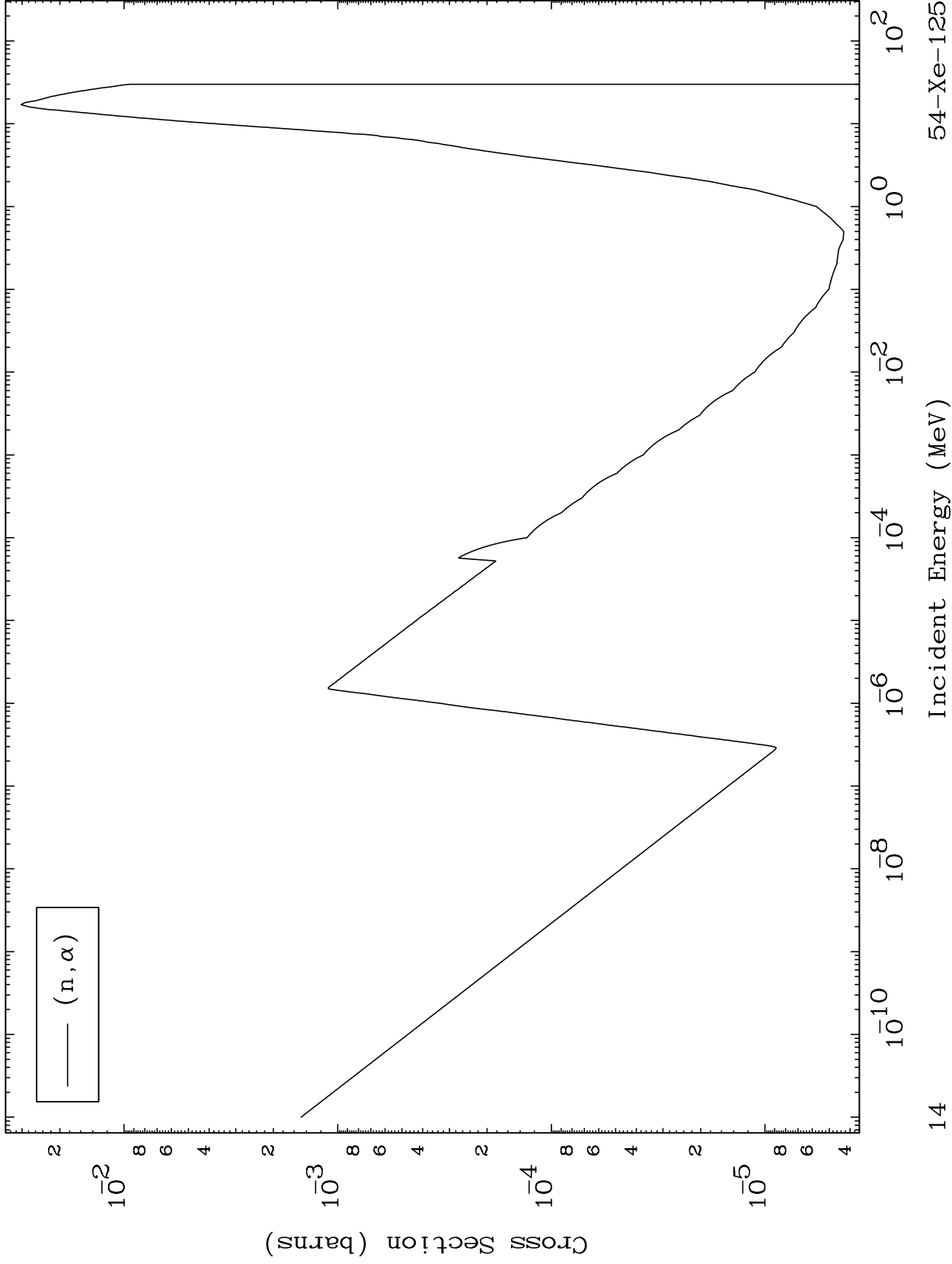
Incident Energy (MeV)

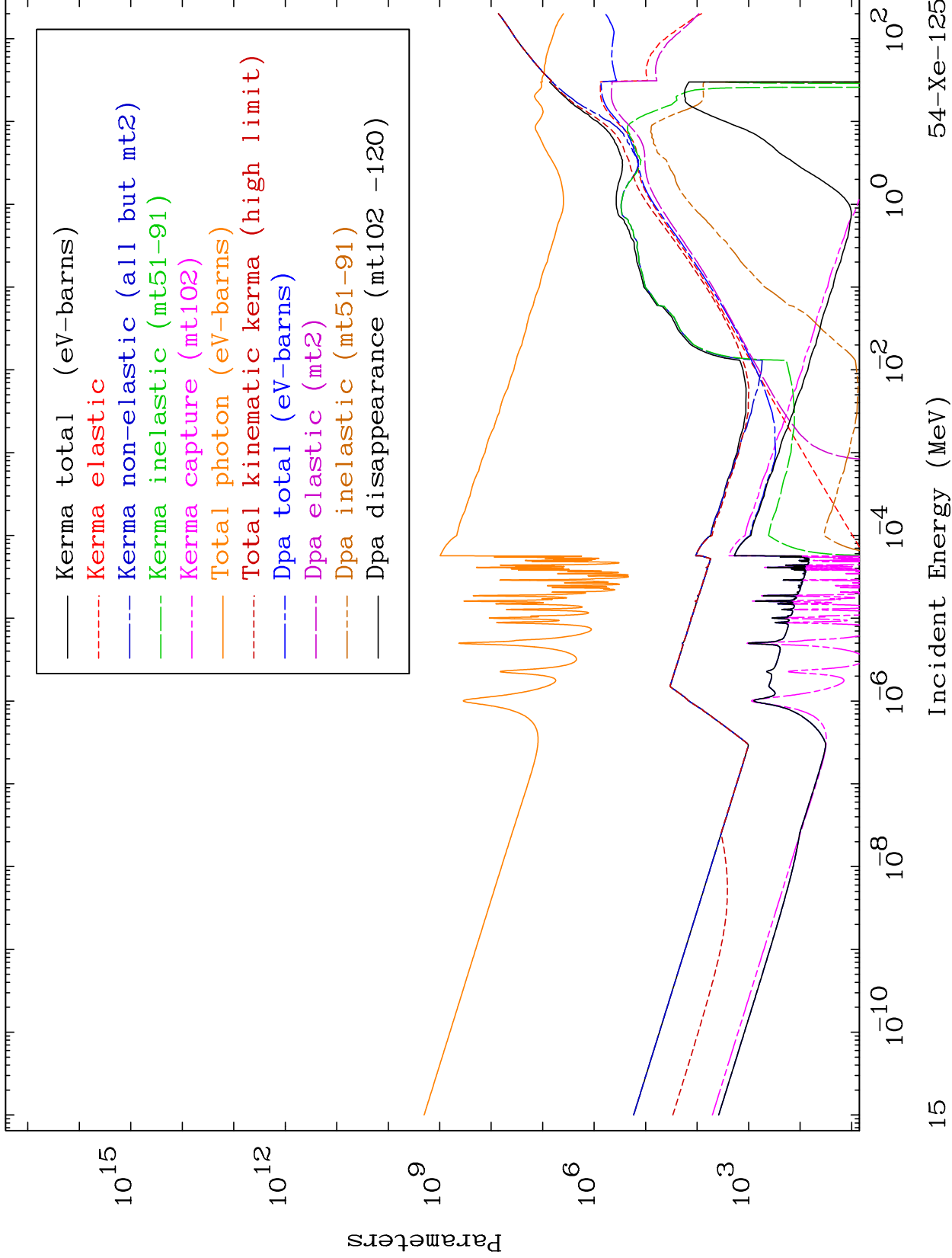
54-Xe-125

MAT 5429

(n, α) Levels
293 Kelvin Cross Sections

54-Xe-125

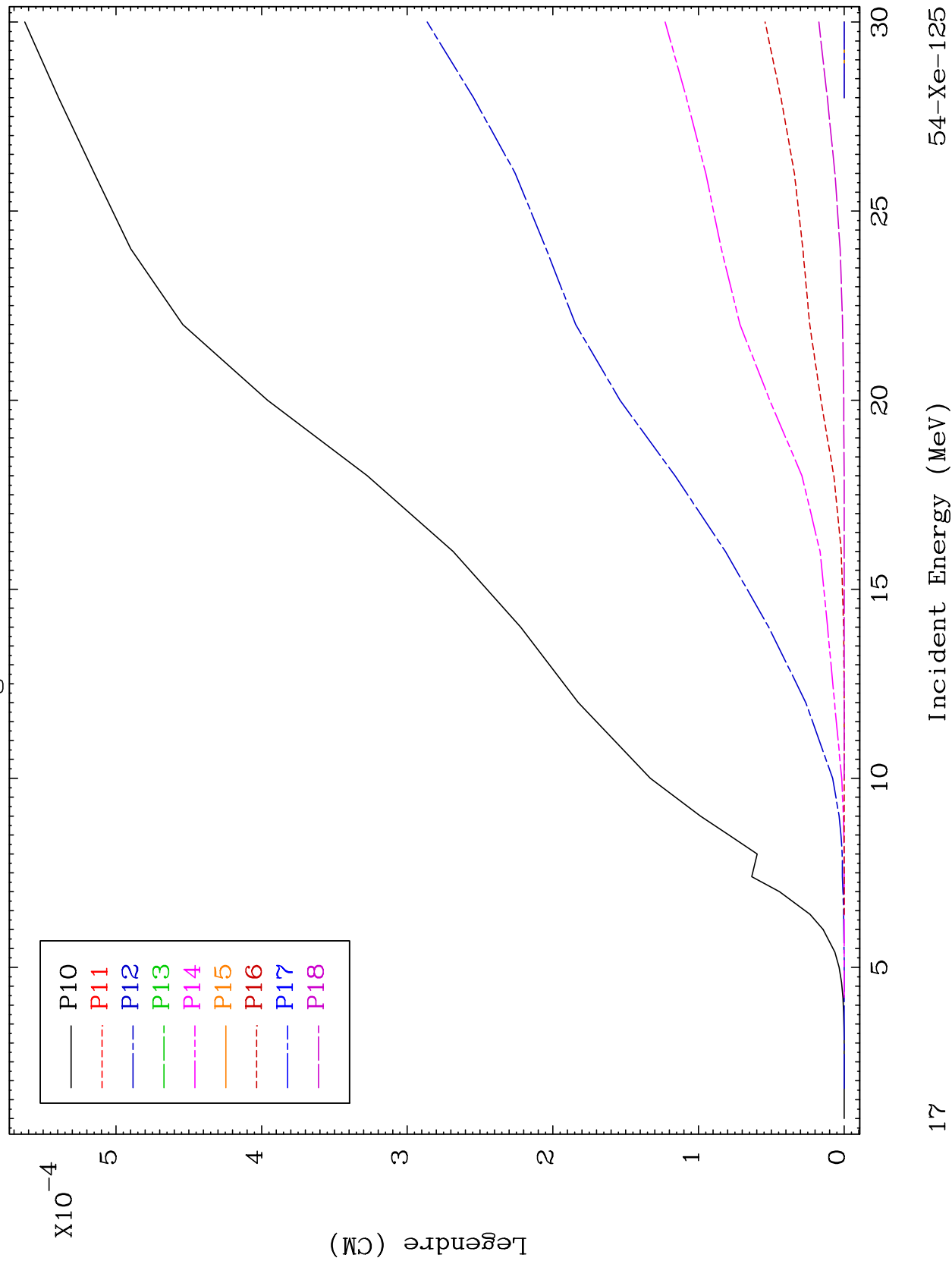




MAT 5429

Elastic Legendre Coefficients

54-Xe-125



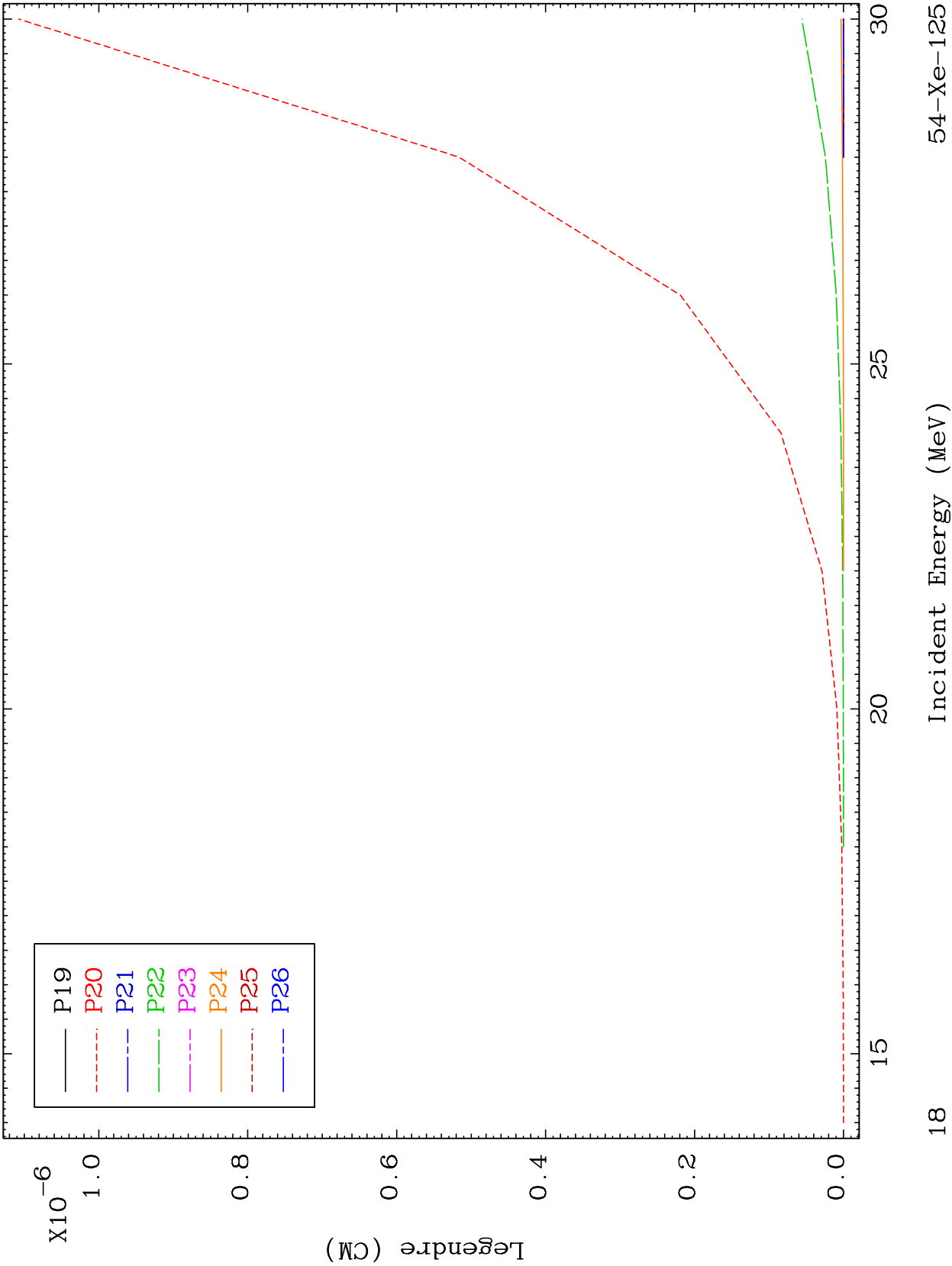
17

54-Xe-125

MAT 5429

Elastic Legendre Coefficients

54-Xe-125



18

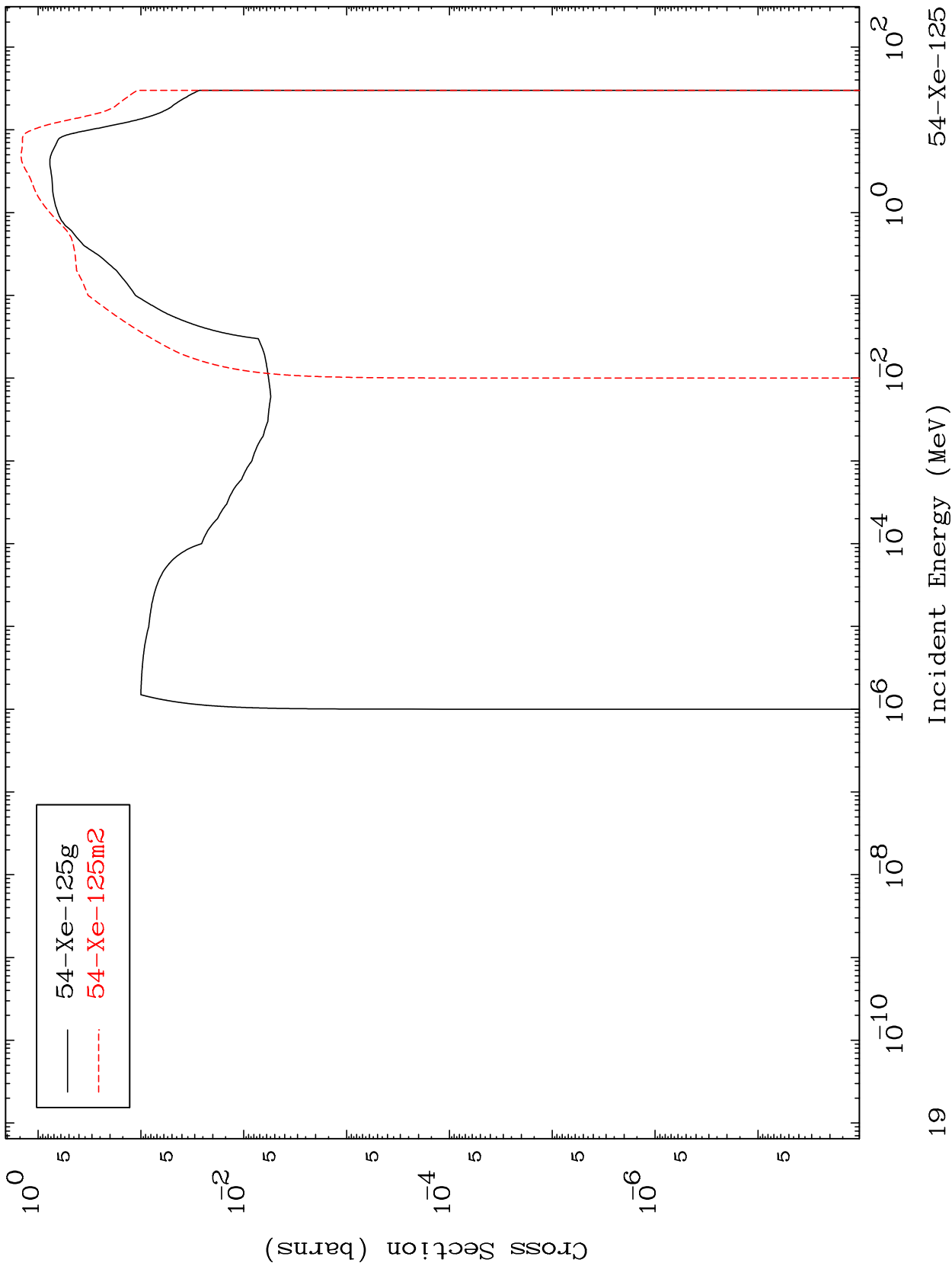
Incident Energy (MeV)

54-Xe-125

MAT 5429

54-Xe-125

Inelastic
Radionuclide Production Cross Section

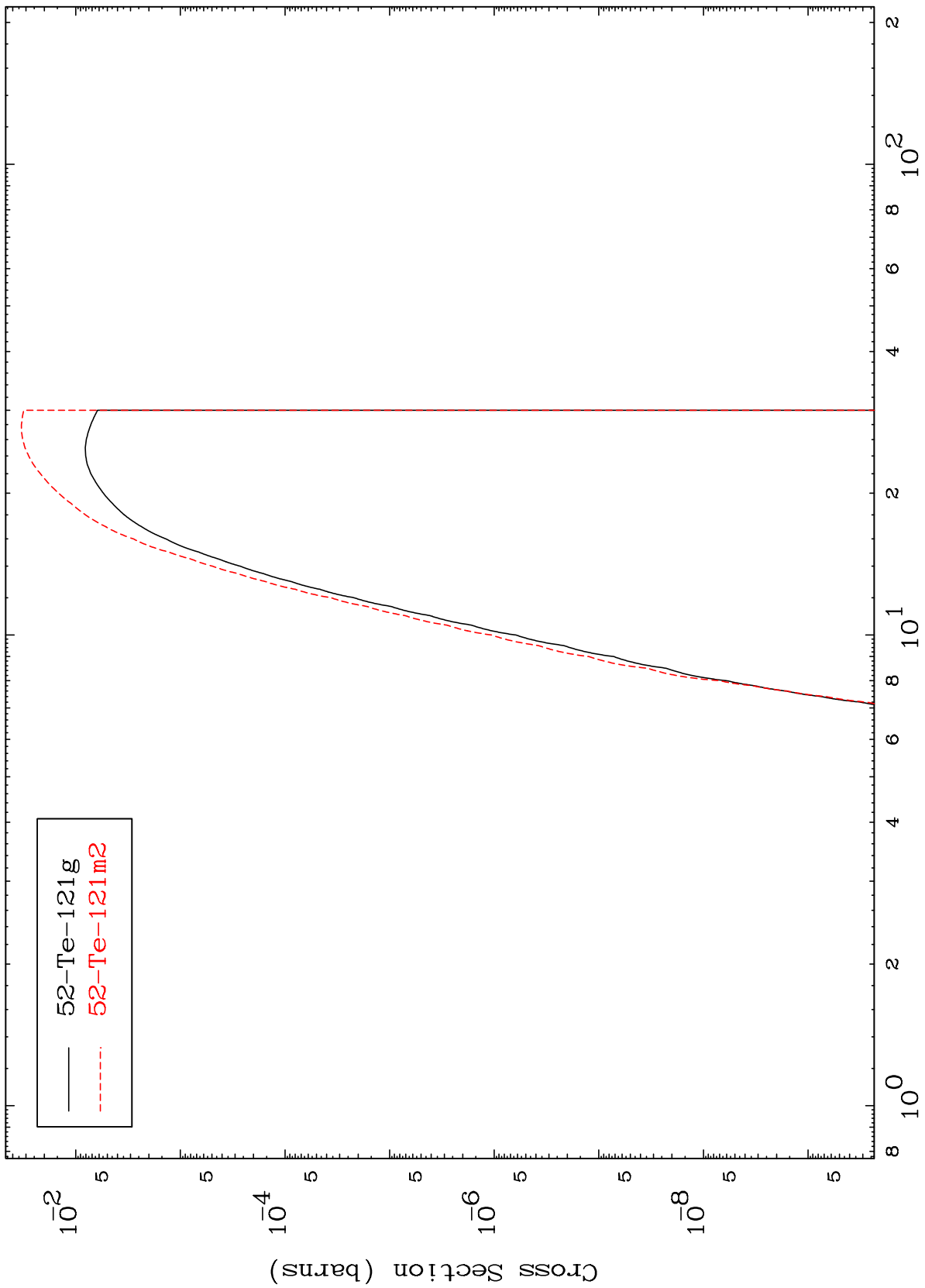


MAT 5429

(n,n') α

54-Xe-125

Radionuclide Production Cross Section

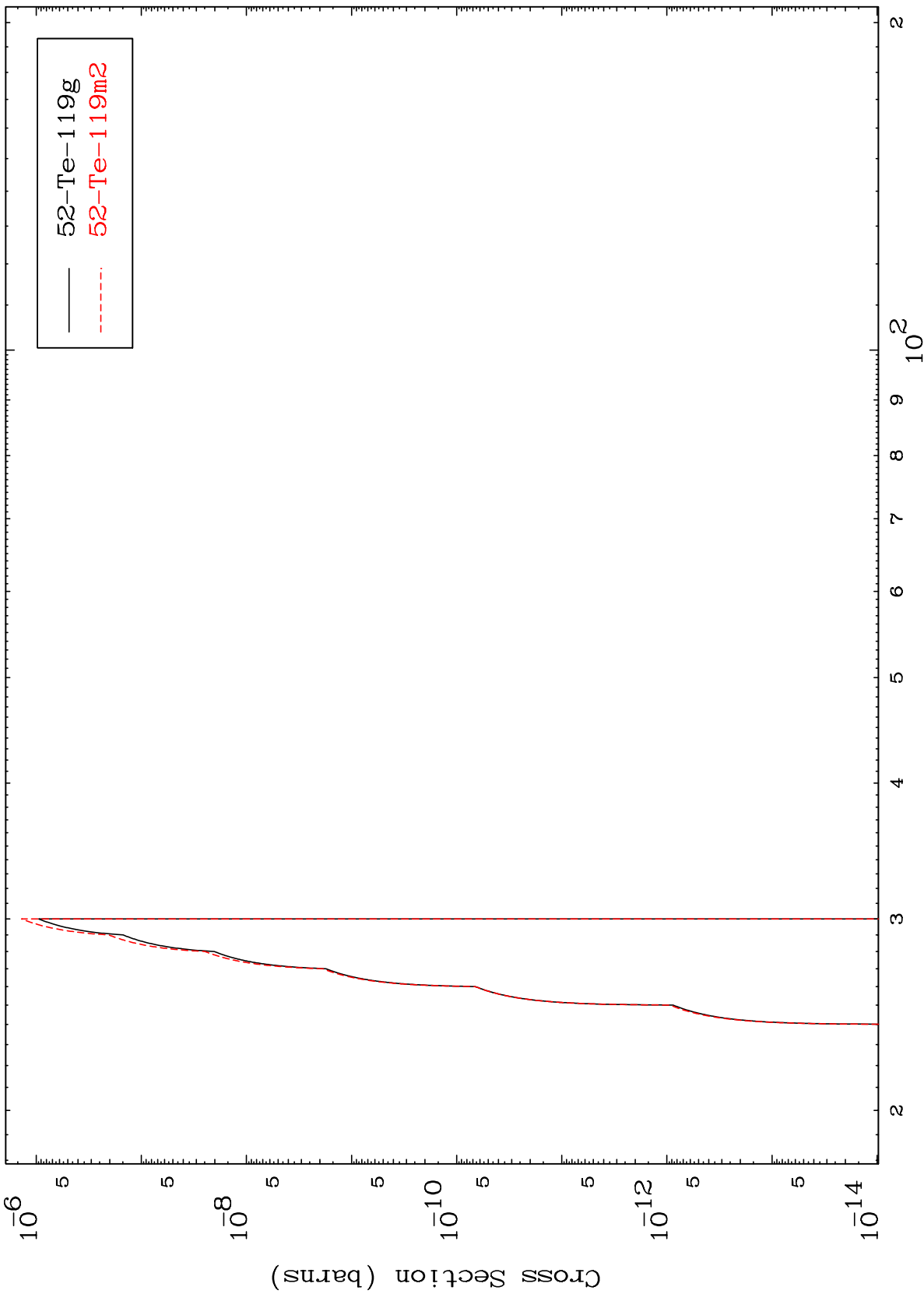


— 52-Te-121g
- - - 52-Te-121m2

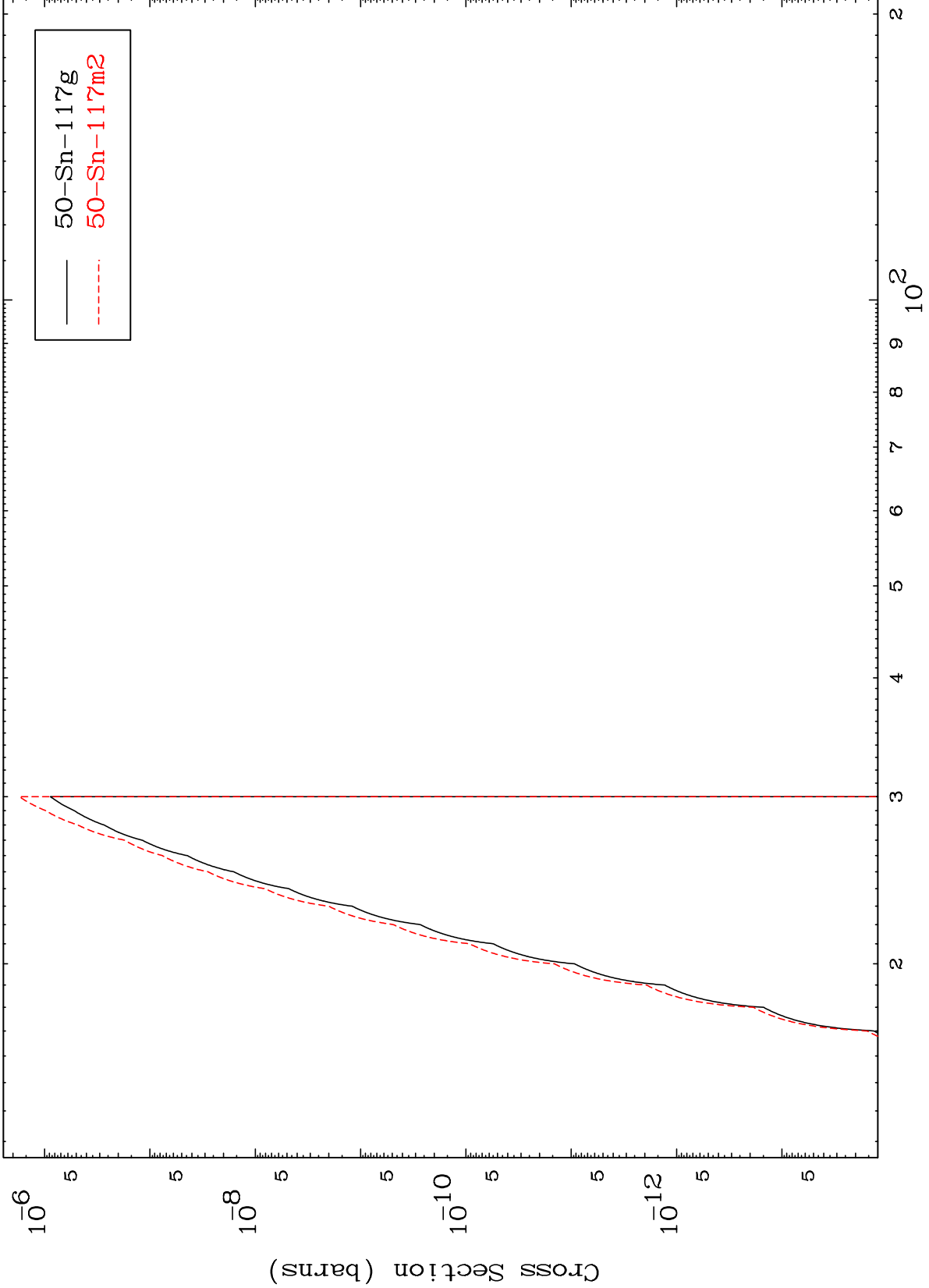
Incident Energy (MeV)

54-Xe-125

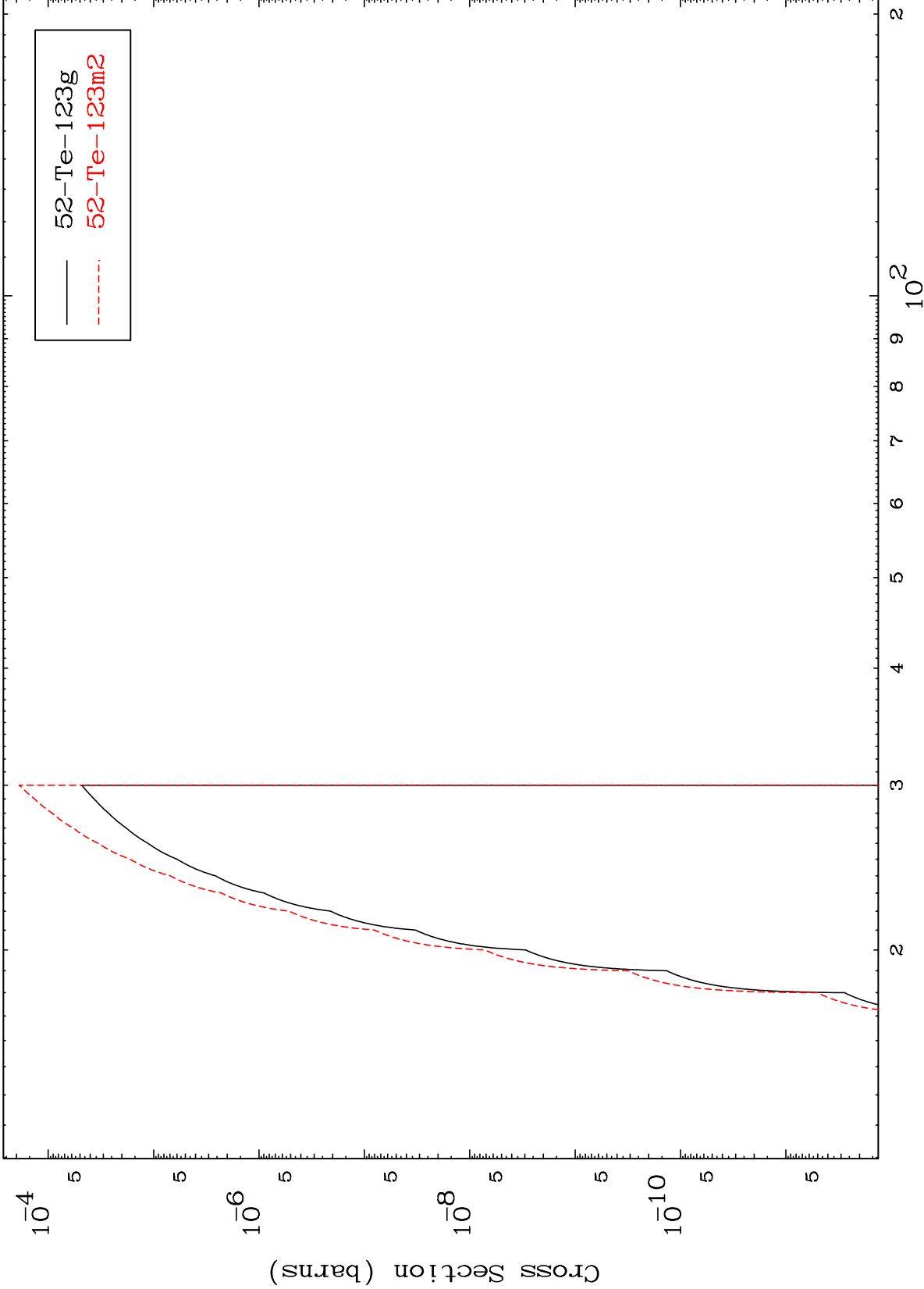
Radionuclide Production Cross Section



Radionuclide Production Cross Section



Radionuclide Production Cross Section

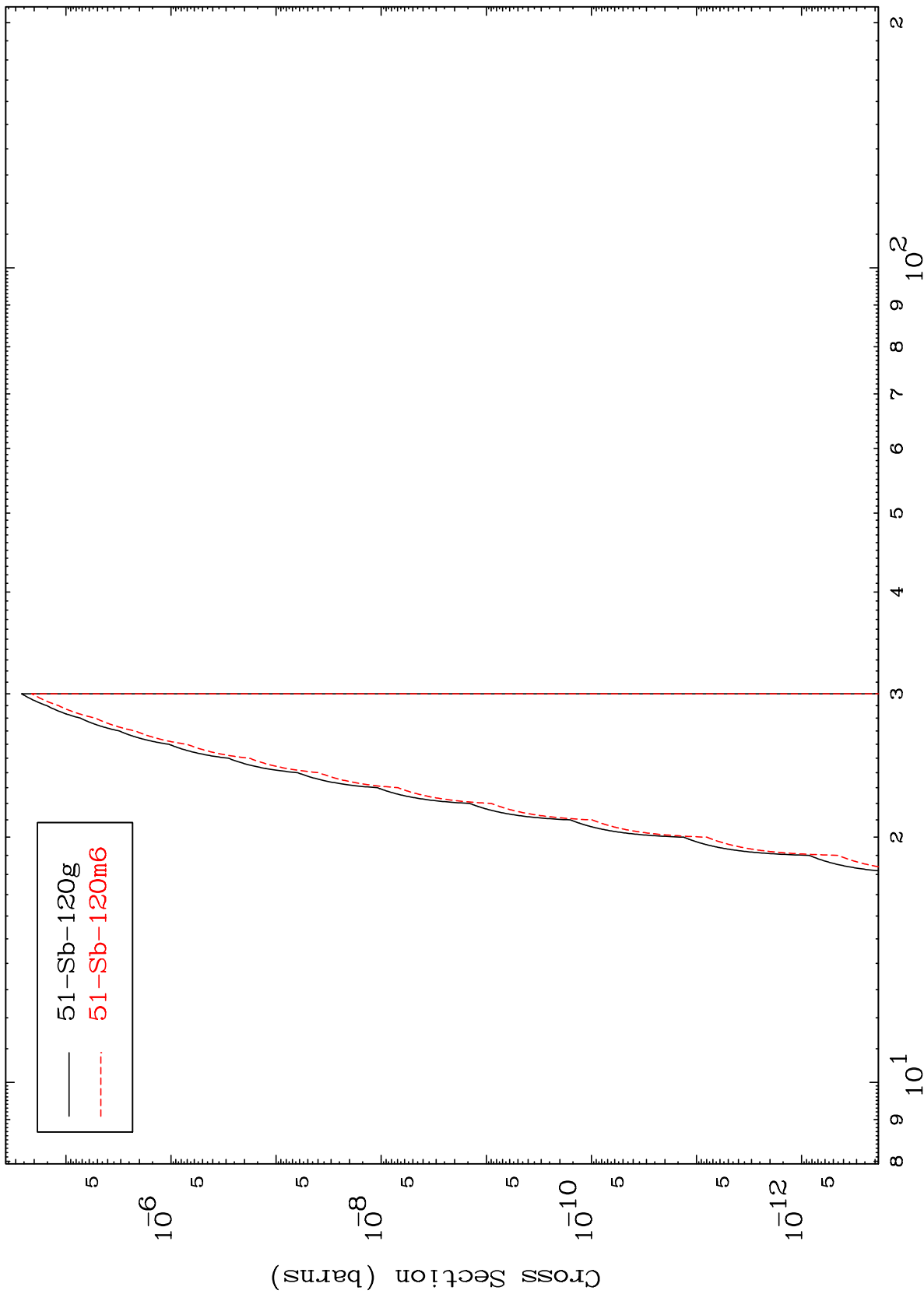


MAT 5429

(n,n') p α

54-Xe-125

Radionuclide Production Cross Section



51-Sb-120g
51-Sb-120m6

24

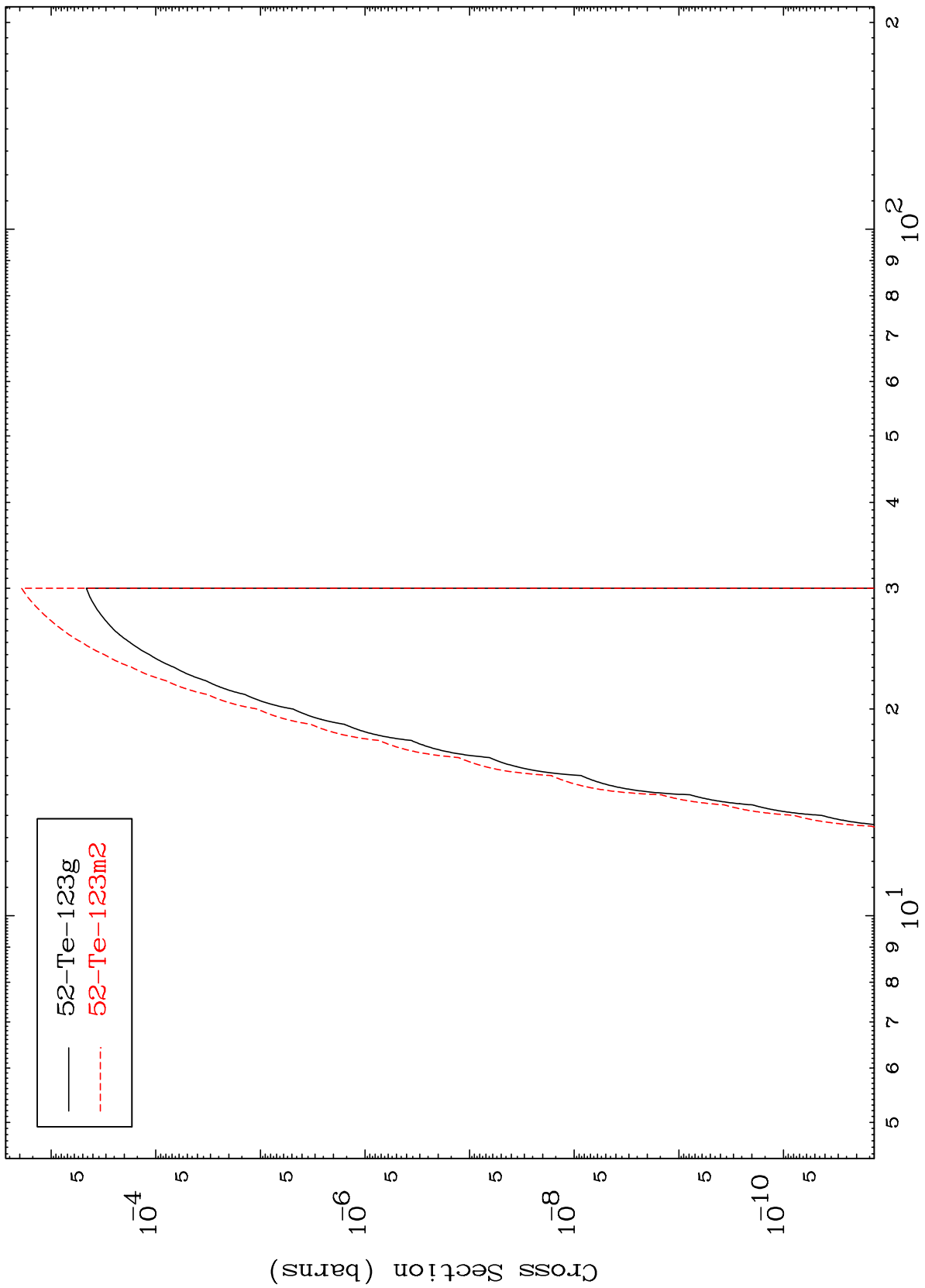
Incident Energy (MeV)

54-Xe-125

MAT 5429

54-Xe-125

(n,He-3)
Radionuclide Production Cross Section



25

Incident Energy (MeV)

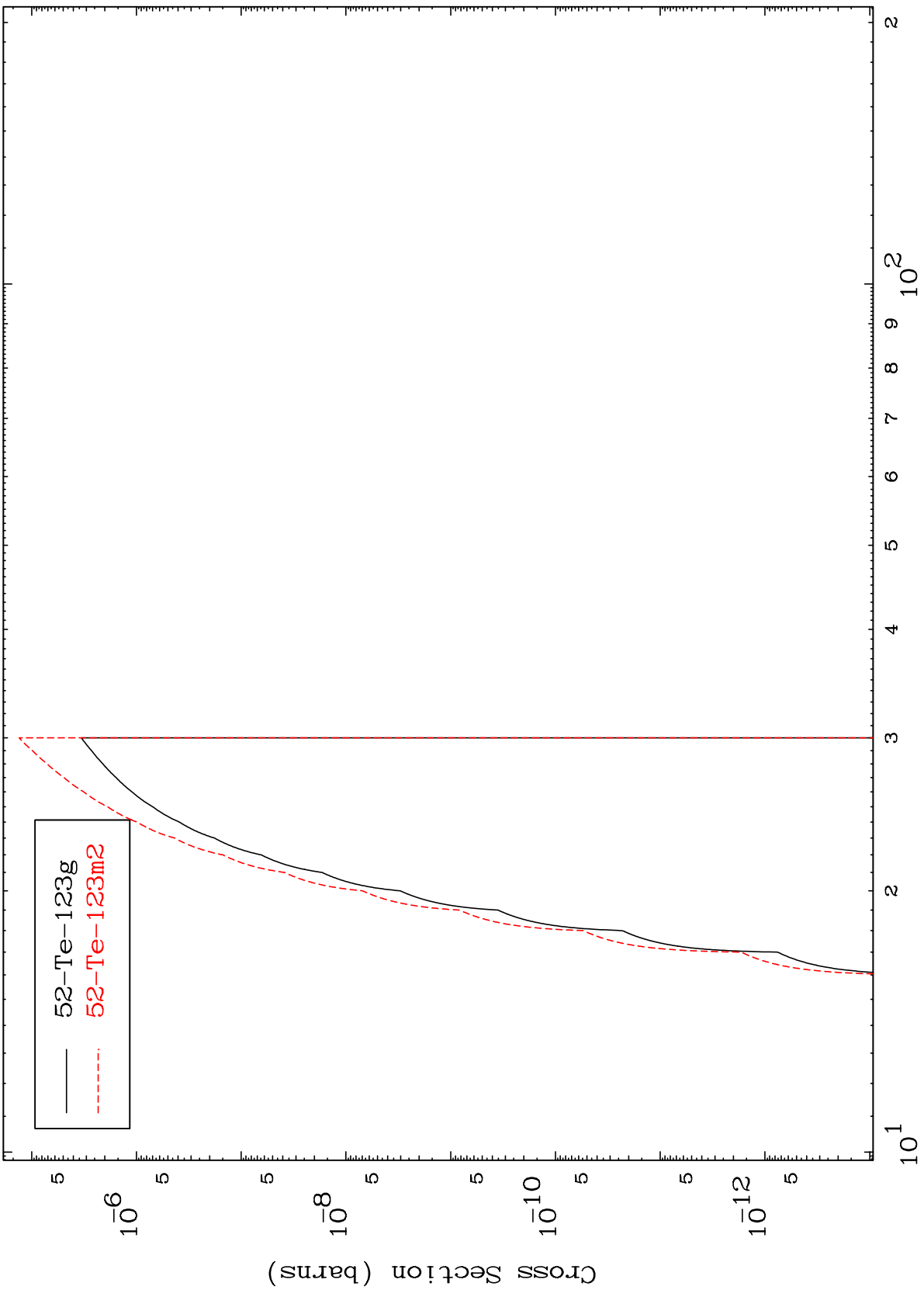
54-Xe-125

MAT 5429

(n,p) d

54-Xe-125

Radionuclide Production Cross Section



Incident Energy (MeV)

54-Xe-125

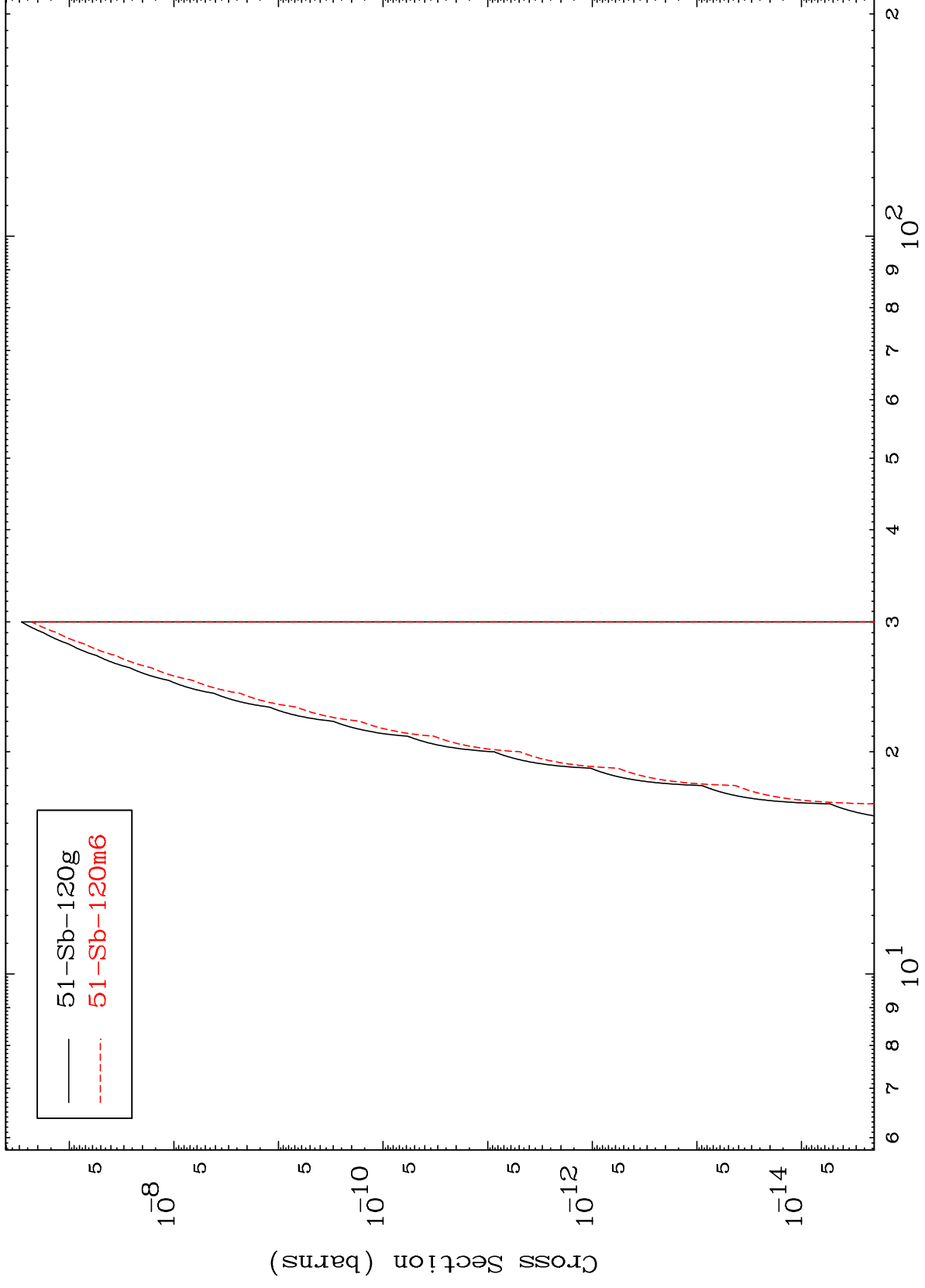
26

MAT 5429

(n,d) α

54-Xe-125

Radionuclide Production Cross Section



27

Incident Energy (MeV)

54-Xe-125