

Program EVALPLOT
(Version 2021-1)

by

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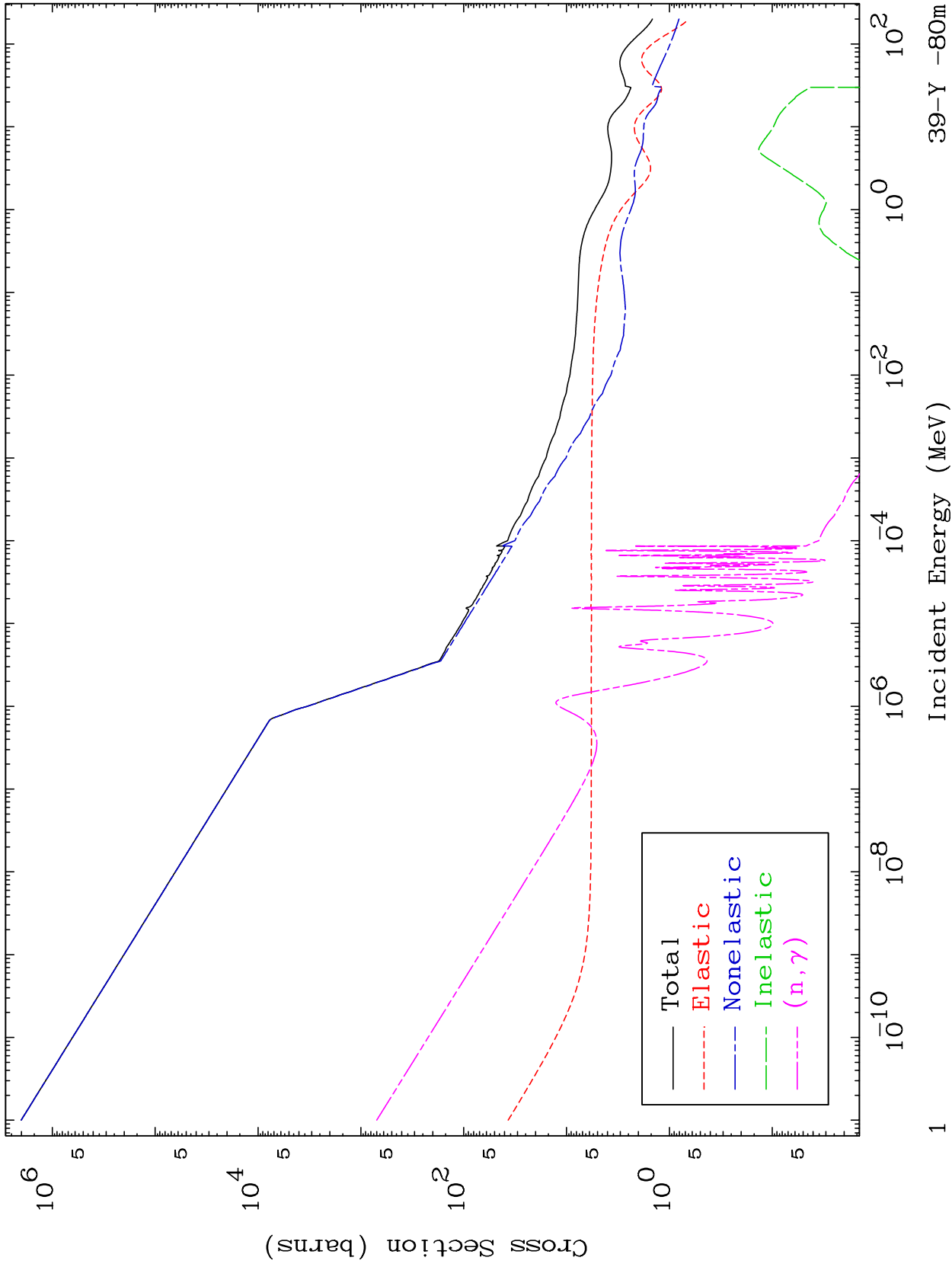
Web: redcullen1.net/HOMEPAGE.NEW

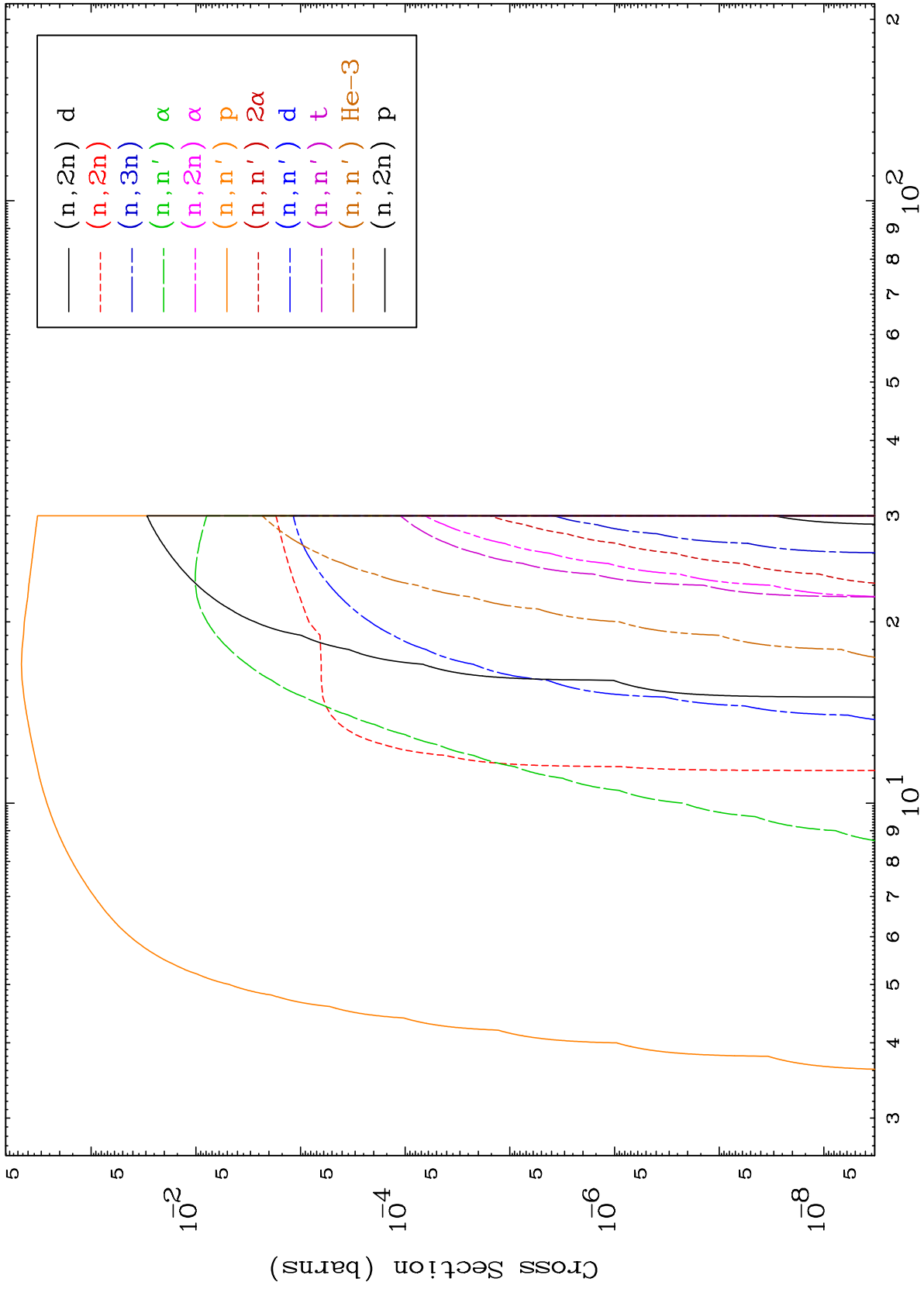
Press Mouse Button to Start

MAT 3899

Neutron Major
293 Kelvin Cross Sections

39-Y -80m

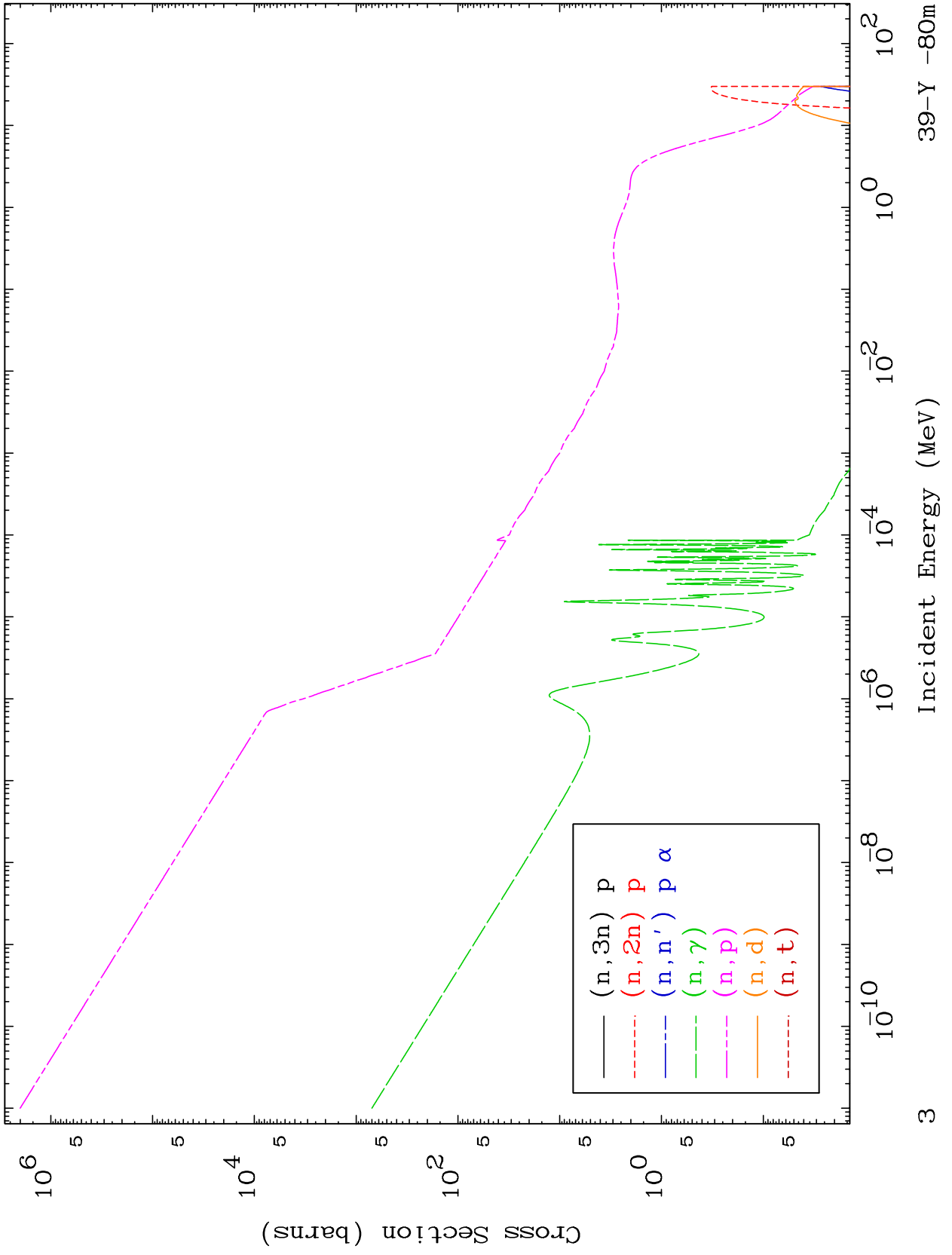


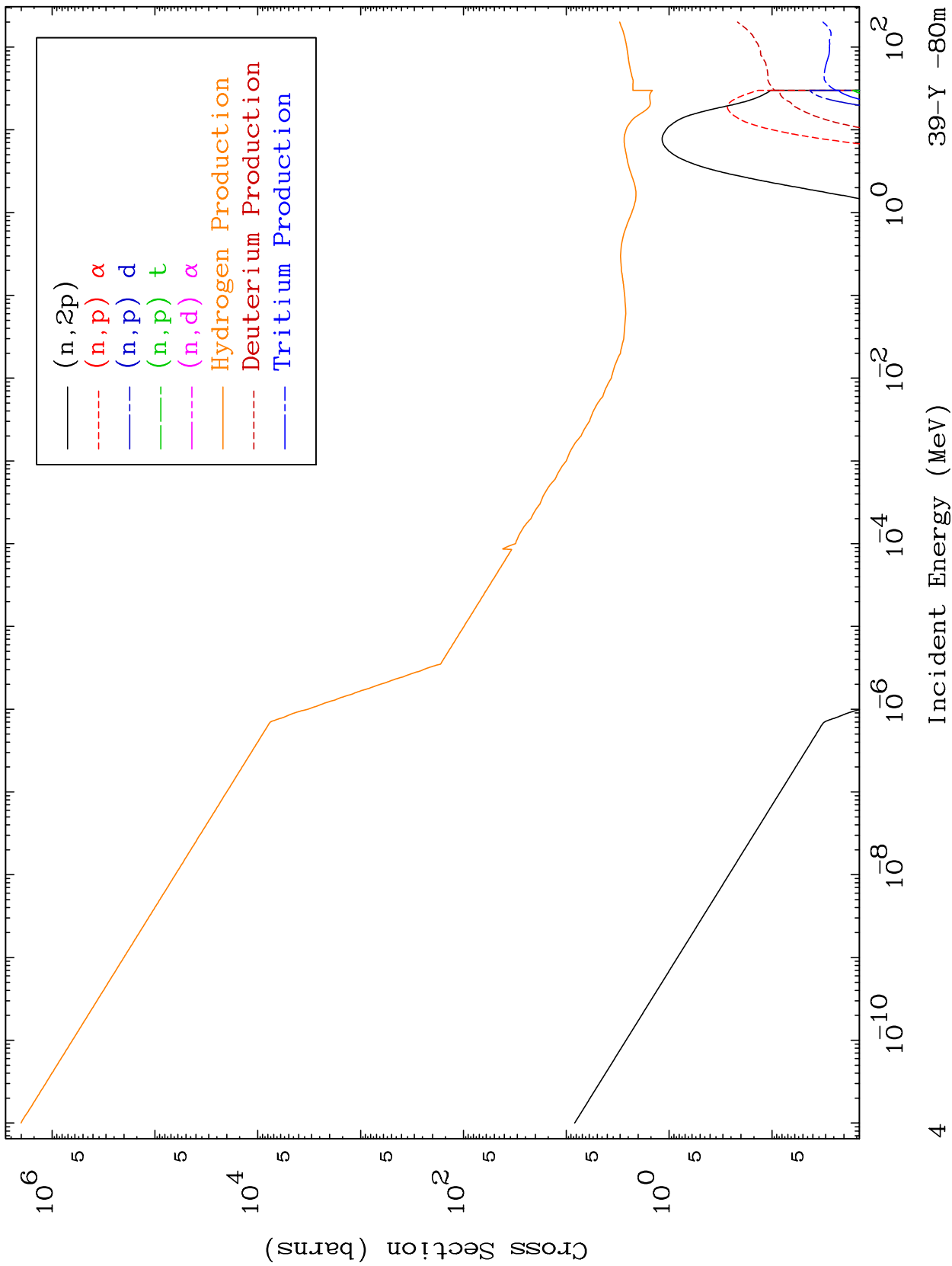


MAT 3899

Neutron Absorption
293 Kelvin Cross Sections

39-Y -80m

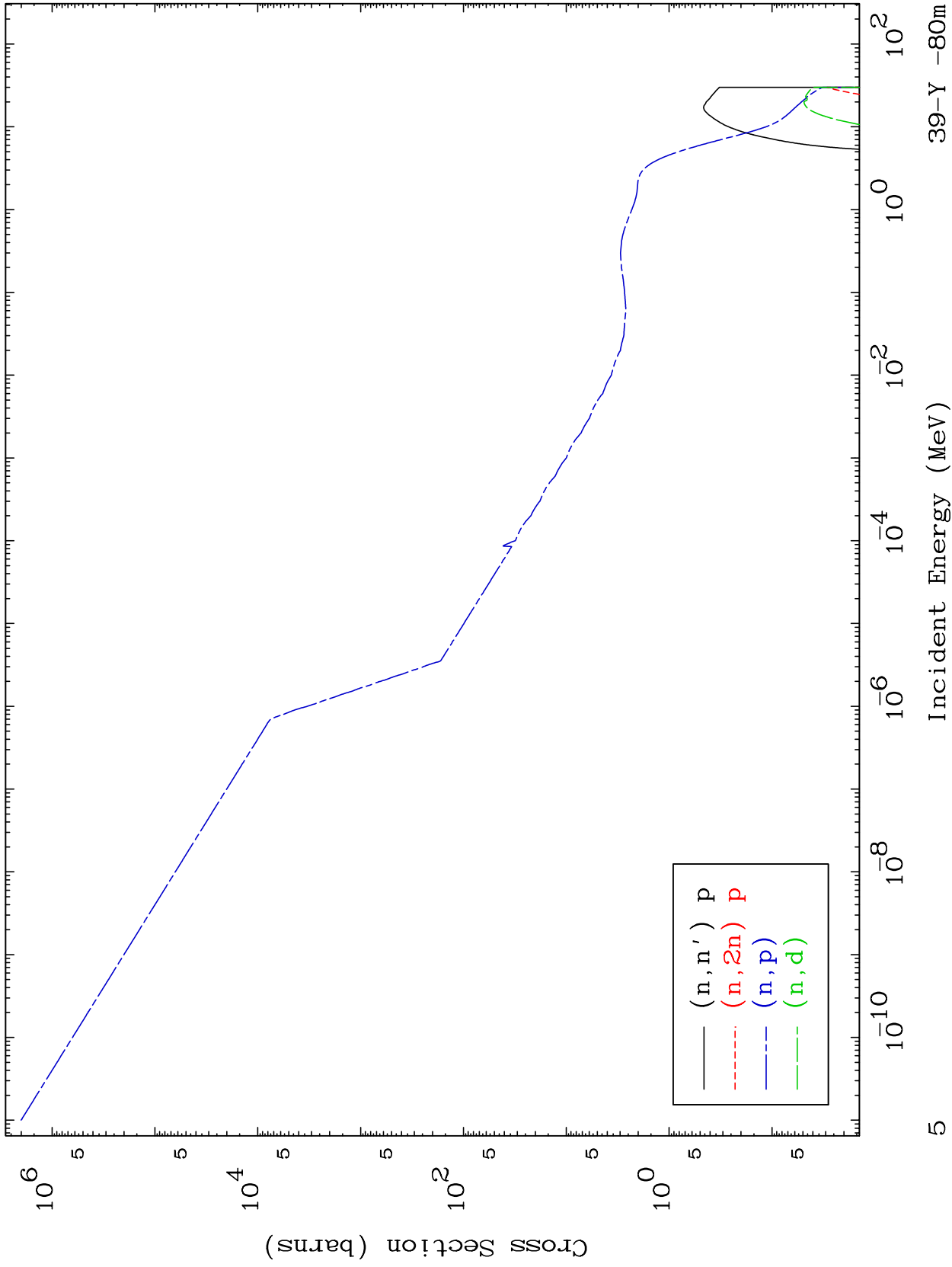




MAT 3899

Charged Particle
293 Kelvin Cross Sections

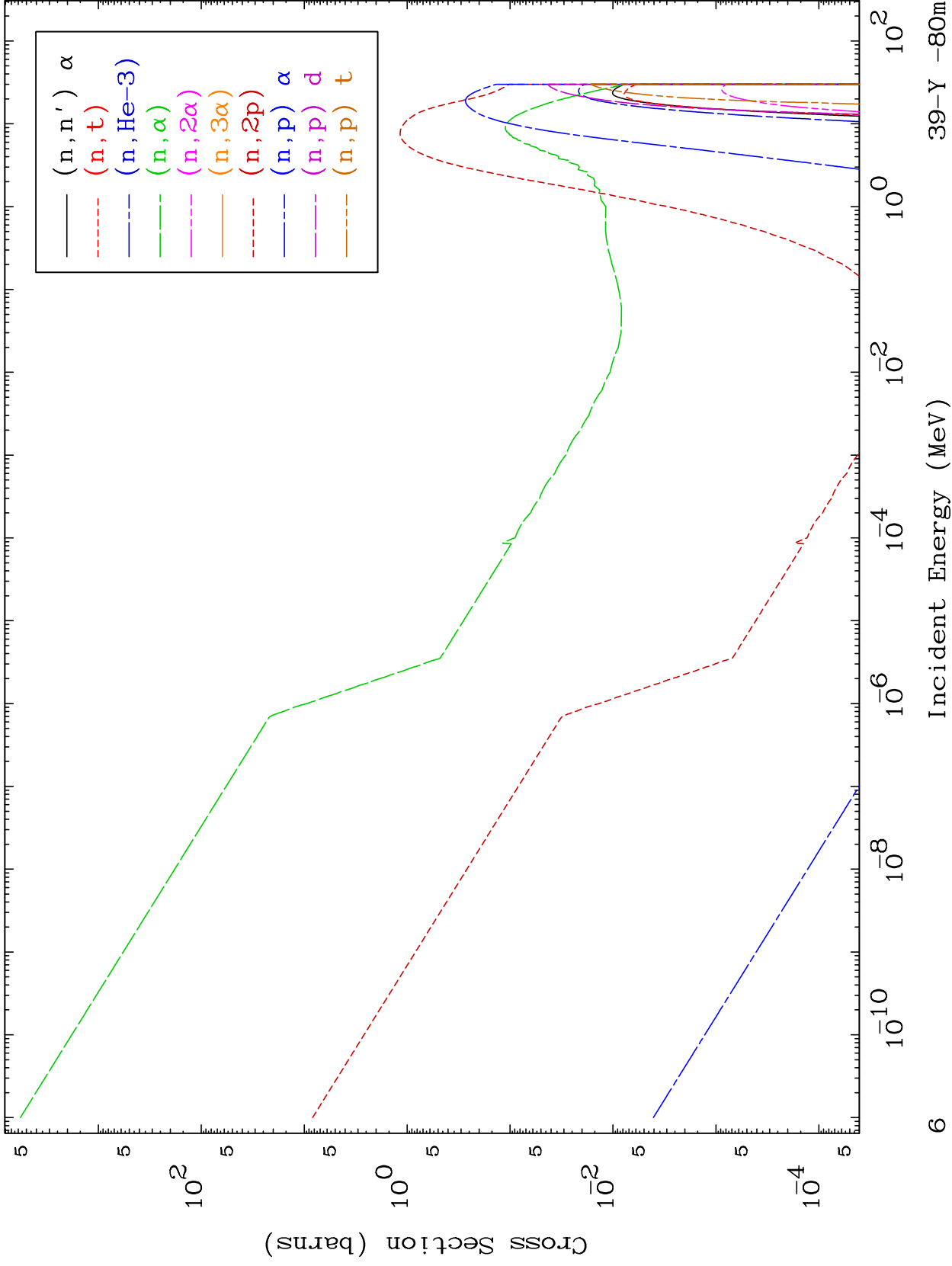
39-Y -80m



MAT 3899

Charged Particle
293 Kelvin Cross Sections

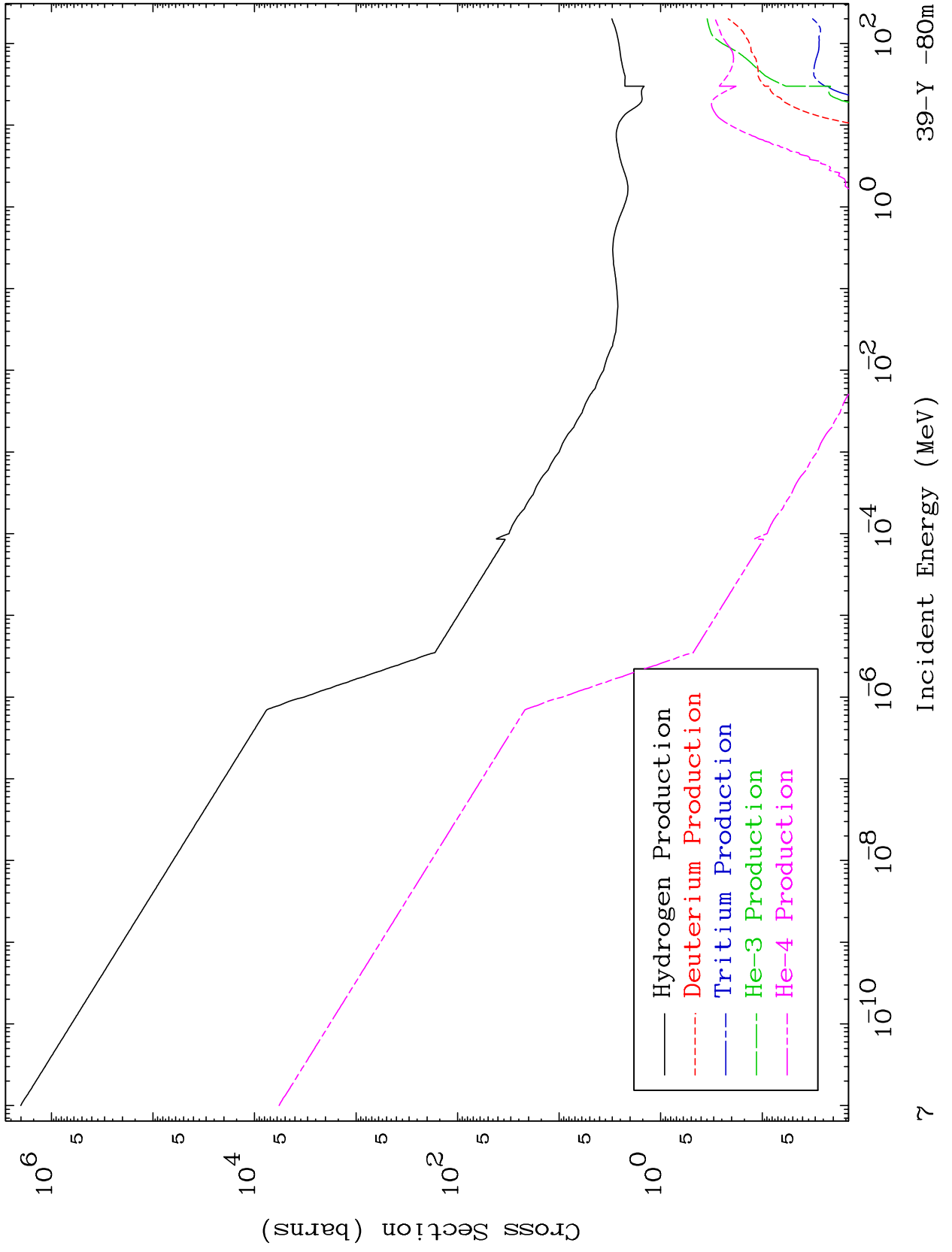
39-Y -80m



MAT 3899

Particle Production
293 Kelvin Cross Sections

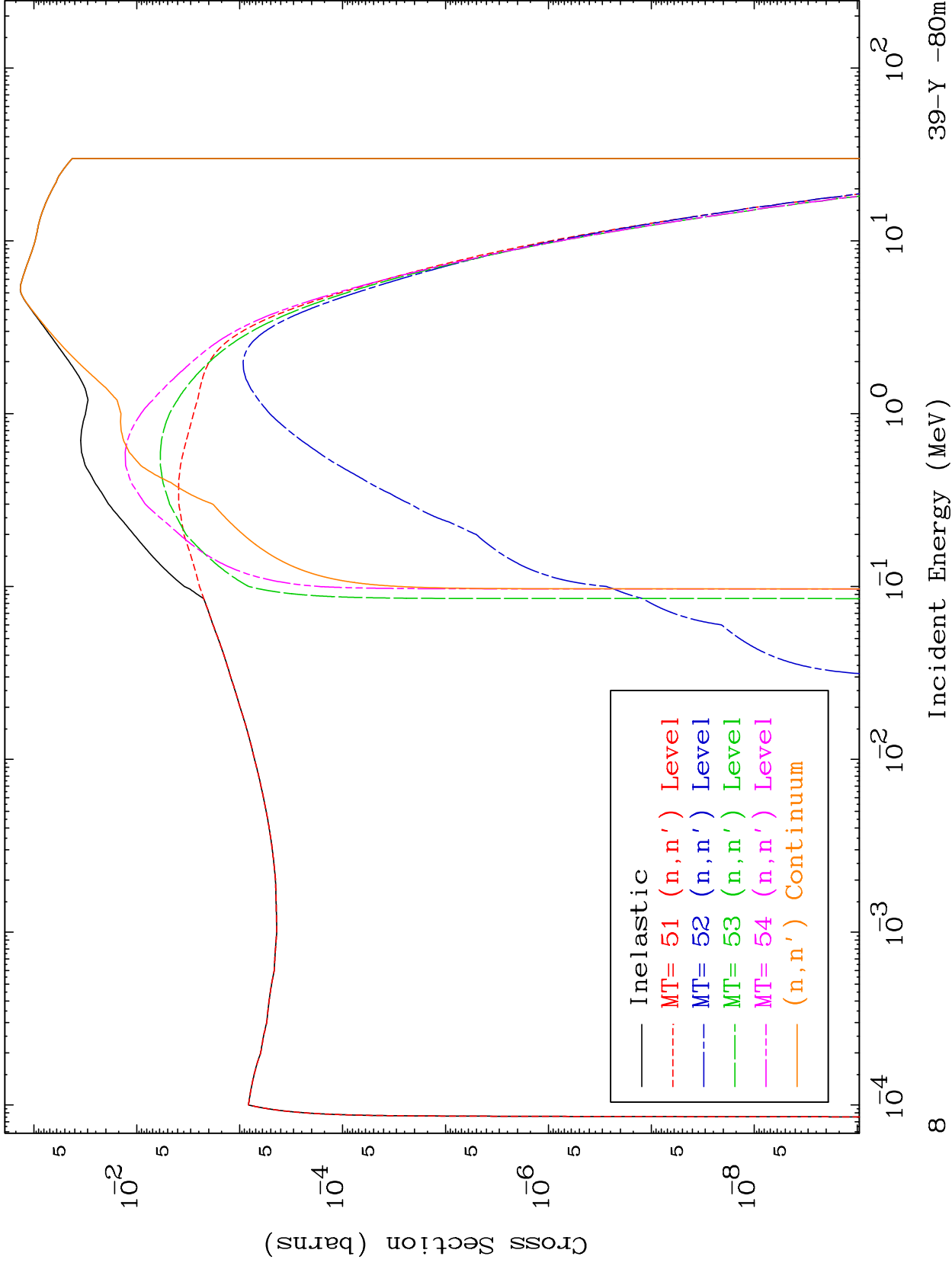
39-Y -80m



MAT 3899

(n,n') Levels
293 Kelvin Cross Sections

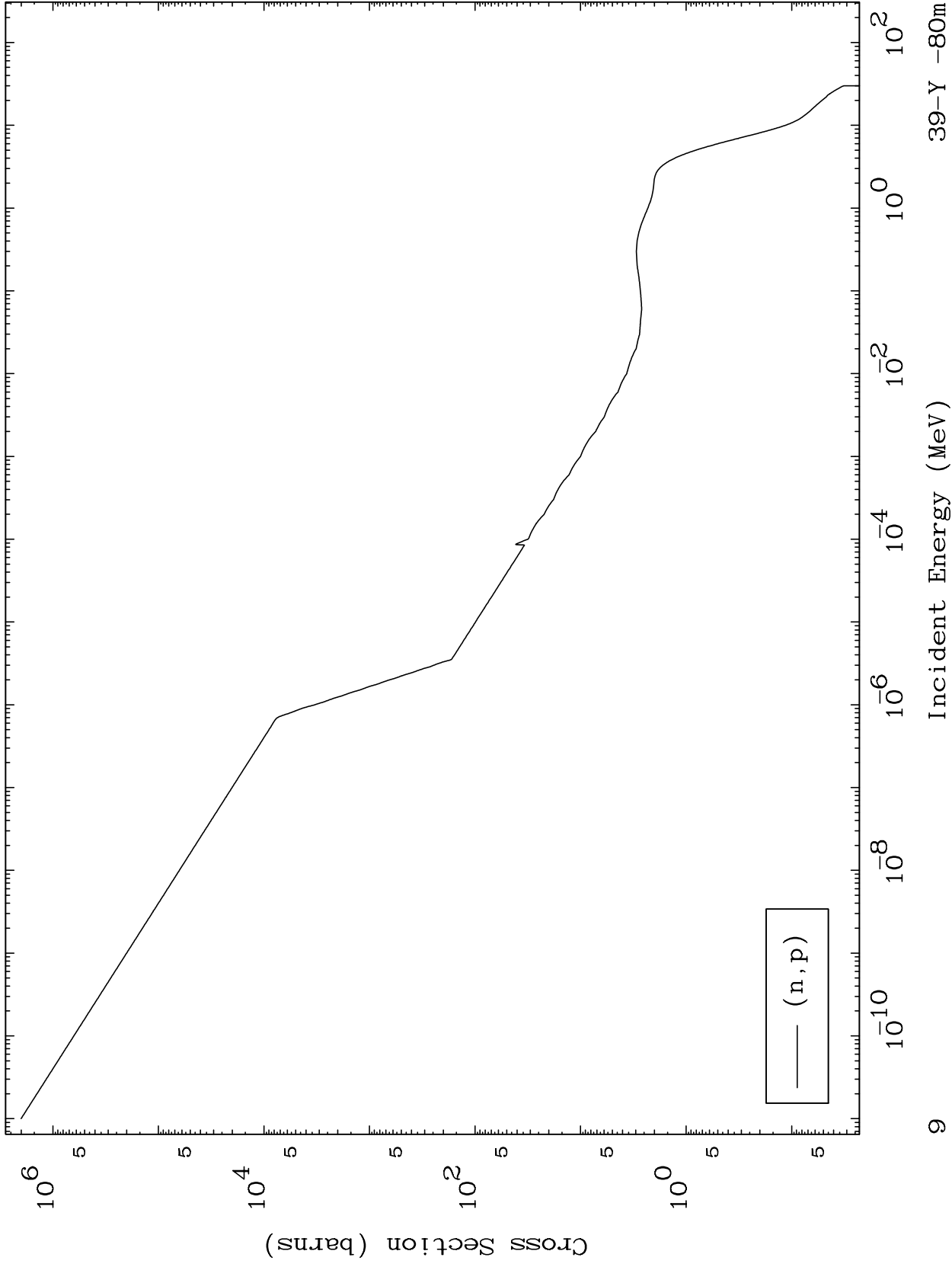
39-Y -80m



MAT 3899

(n,p) Levels
293 Kelvin Cross Sections

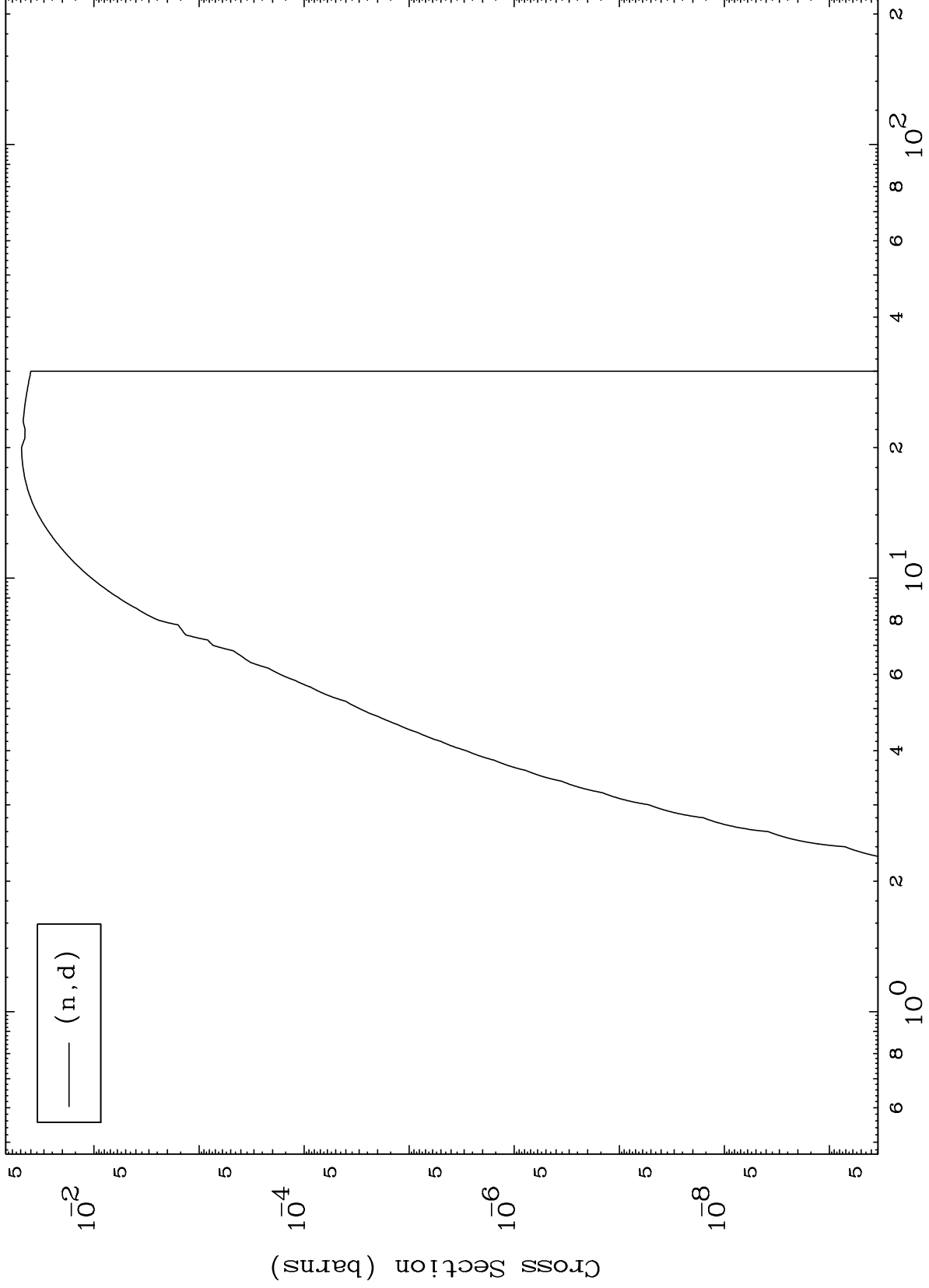
39-Y -80m



MAT 3899

(n,d) Levels
293 Kelvin Cross Sections

39-Y -80m



10

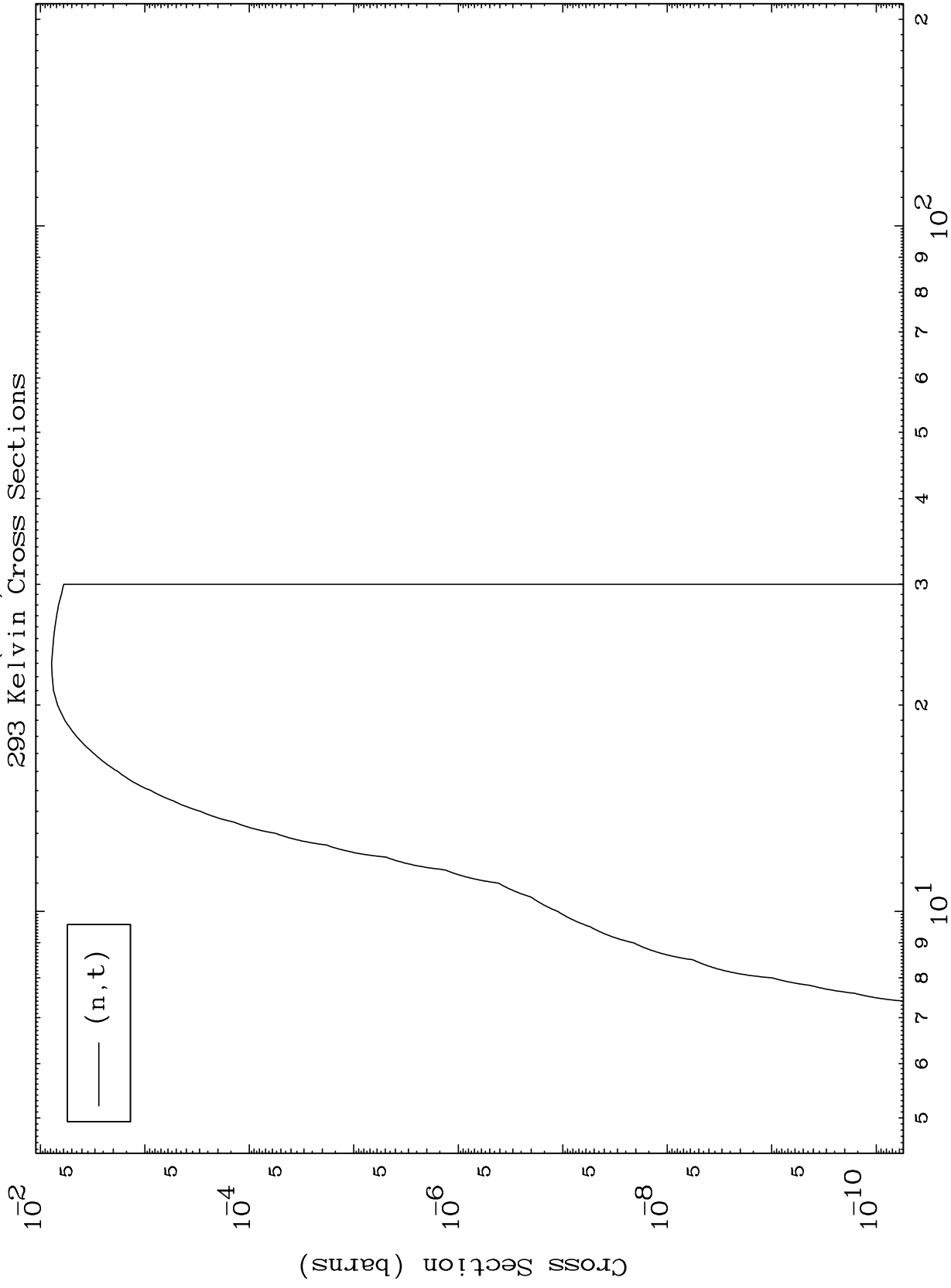
Incident Energy (MeV)

39-Y -80m

MAT 3899

(n,t) Levels
293 Kelvin Cross Sections

39-Y -80m



(n,t)

11

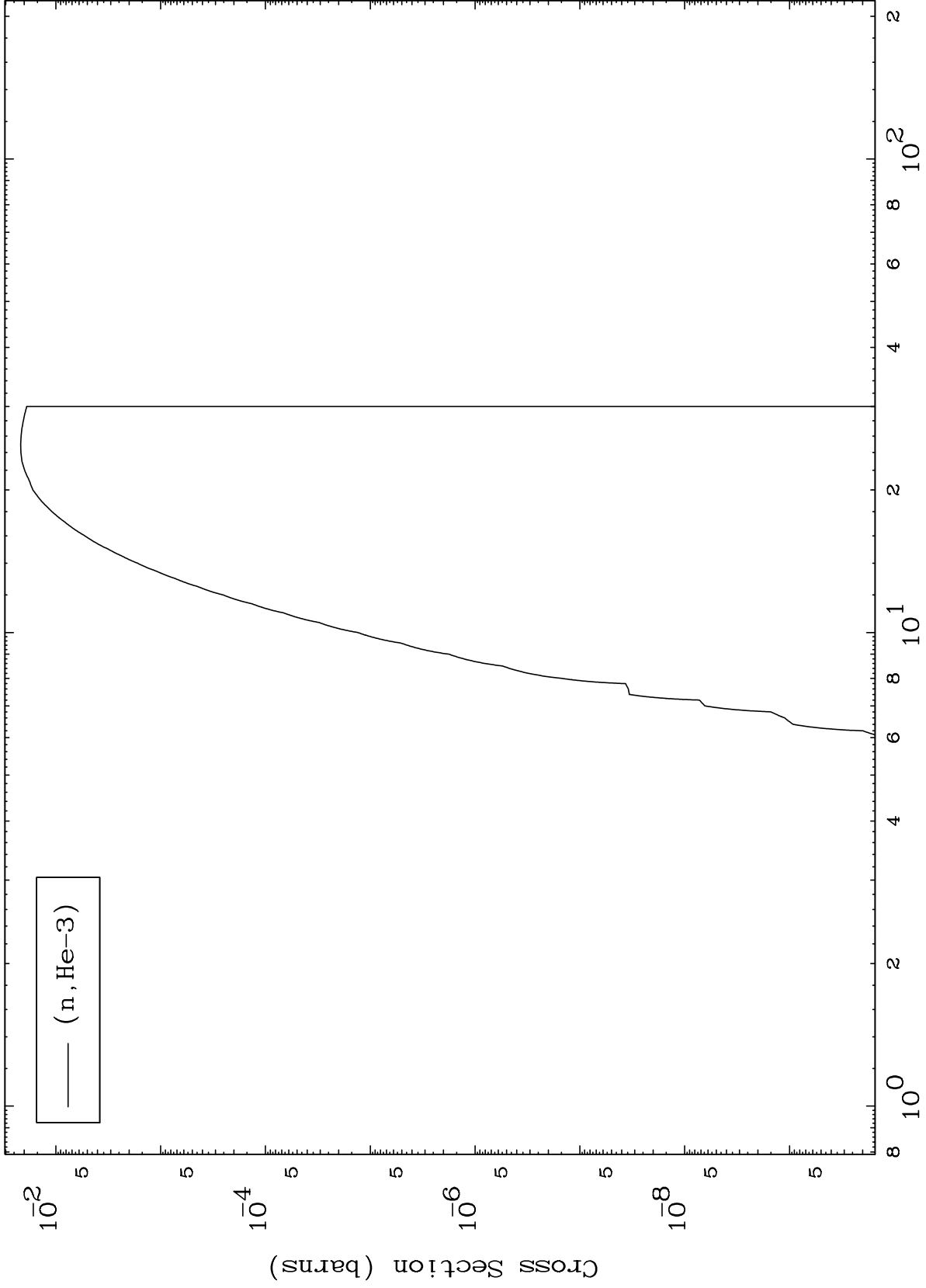
Incident Energy (MeV)

39-Y -80m

MAT 3899

(n,He3) Levels
293 Kelvin Cross Sections

39-Y -80m



12

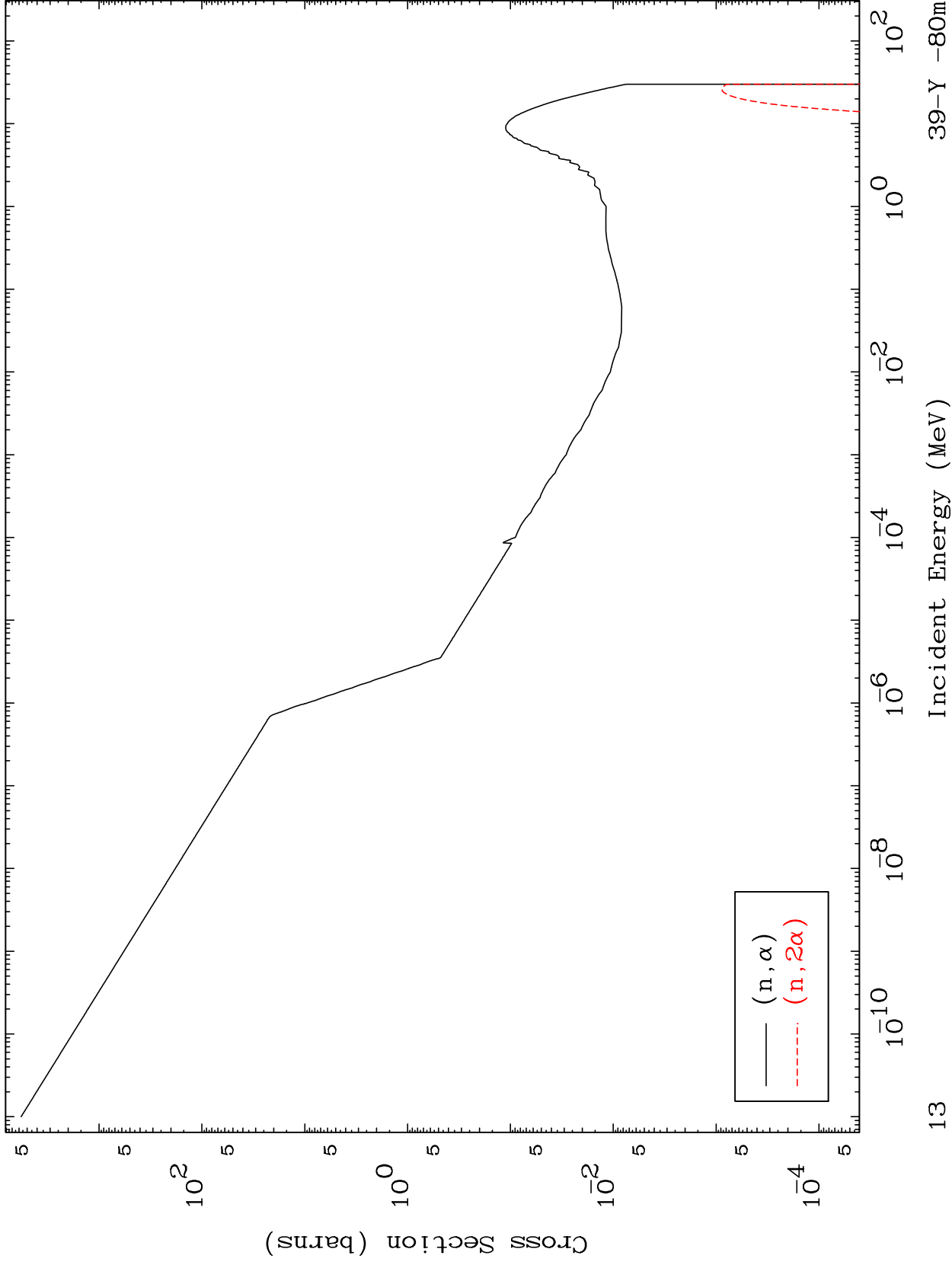
Incident Energy (MeV)

39-Y -80m

MAT 3899

(n,α) Levels
293 Kelvin Cross Sections

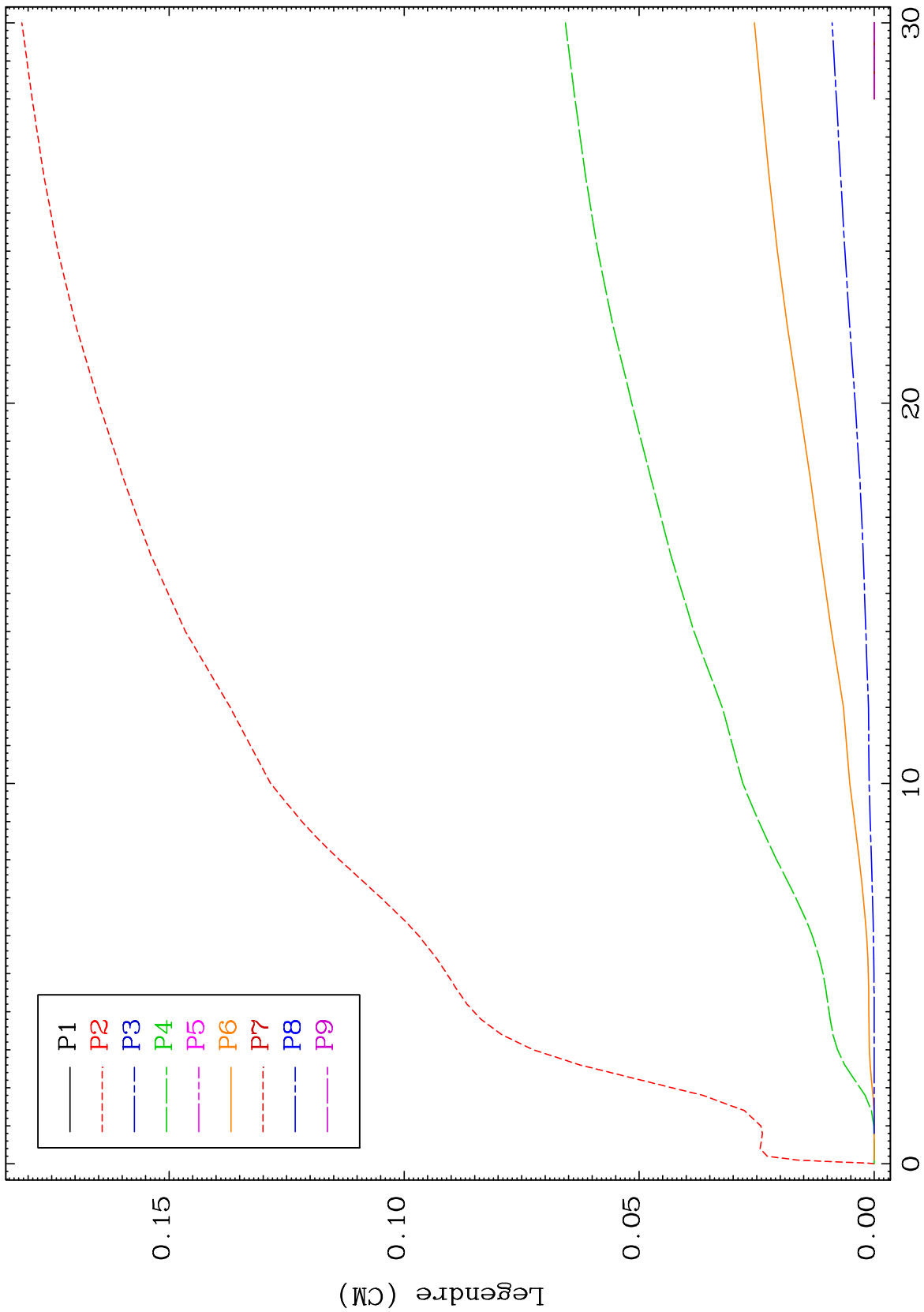
39-Y -80m



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Elastic Legendre Coefficients

39-Y -80m



39-Y -80m

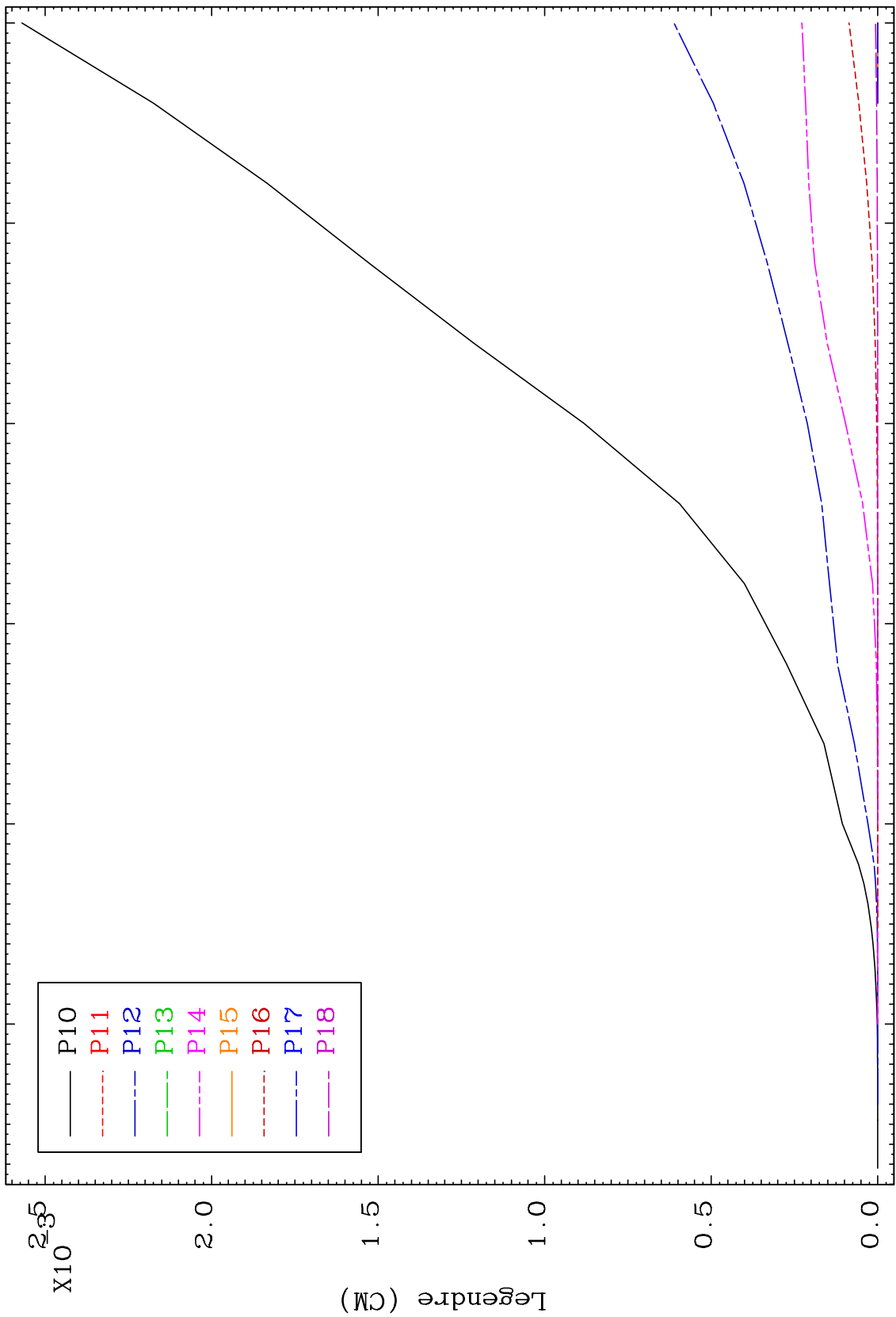
Incident Energy (MeV)

14

MAT 3899

Elastic Legendre Coefficients

39-Y -80m



15

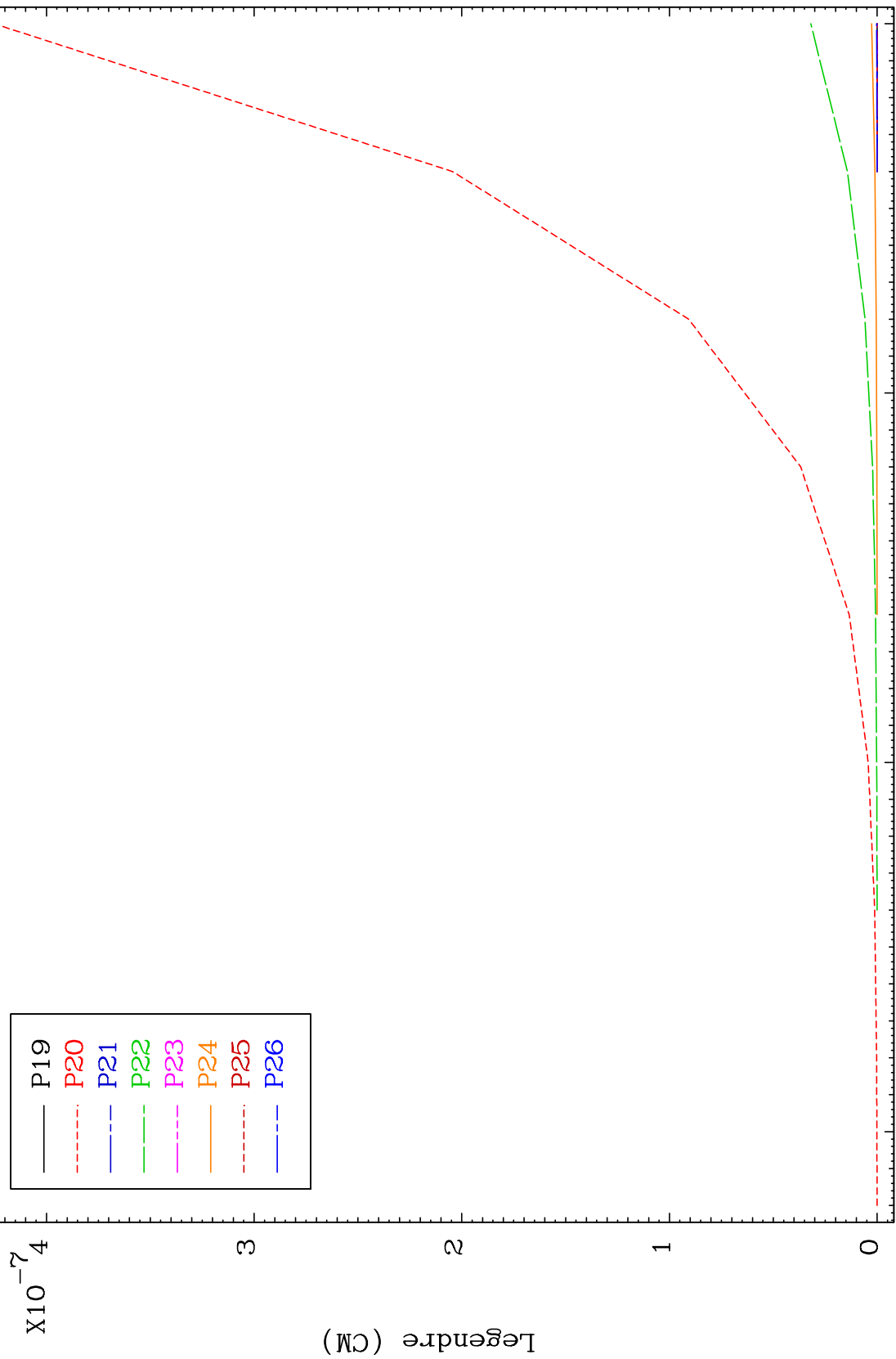
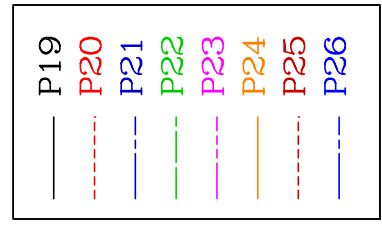
Incident Energy (MeV)

39-Y -80m

MAT 3899

Elastic Legendre Coefficients

39-Y -80m



16

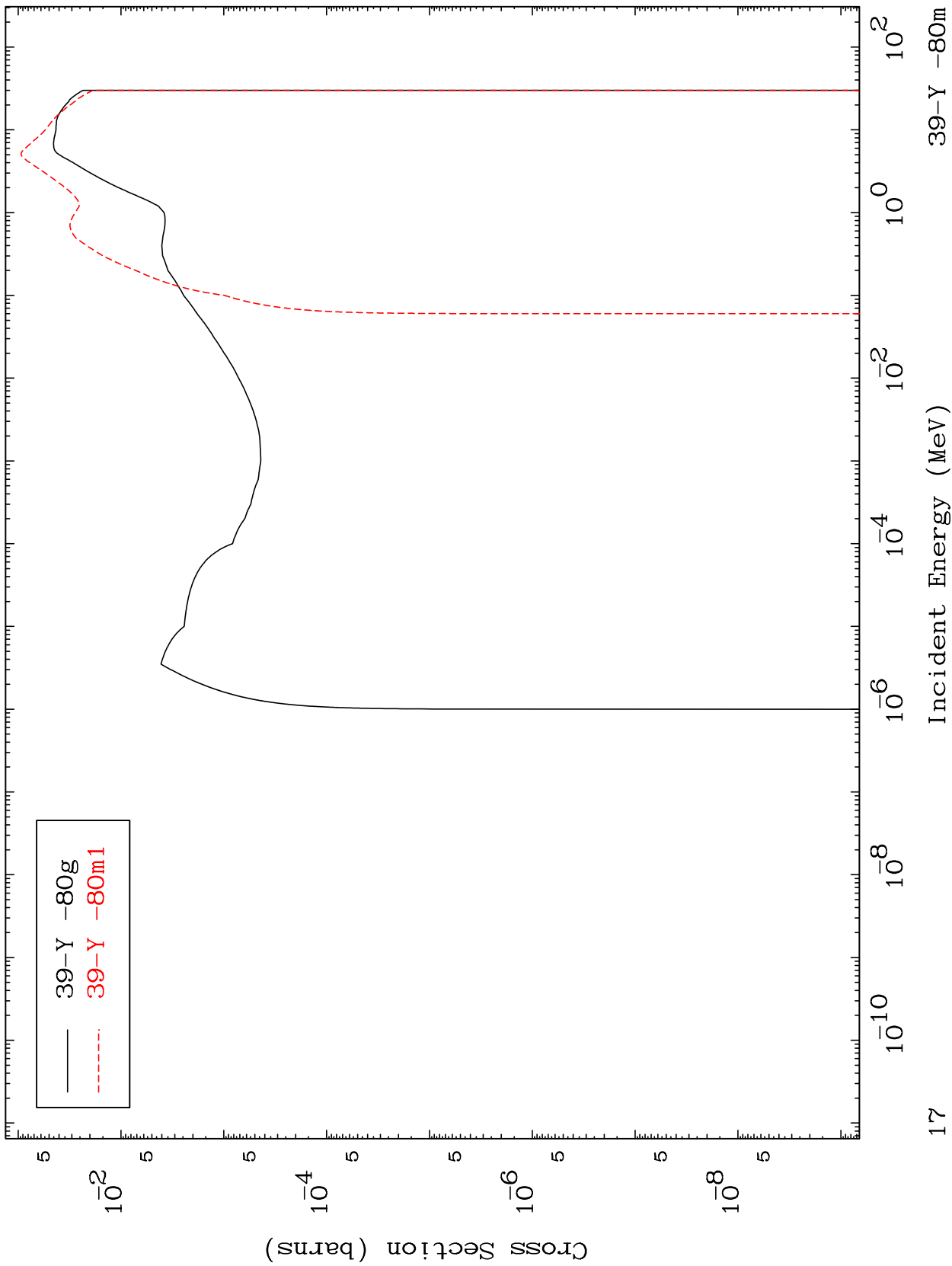
Incident Energy (MeV)

39-Y -80m

MAT 3899

39-Y -80m

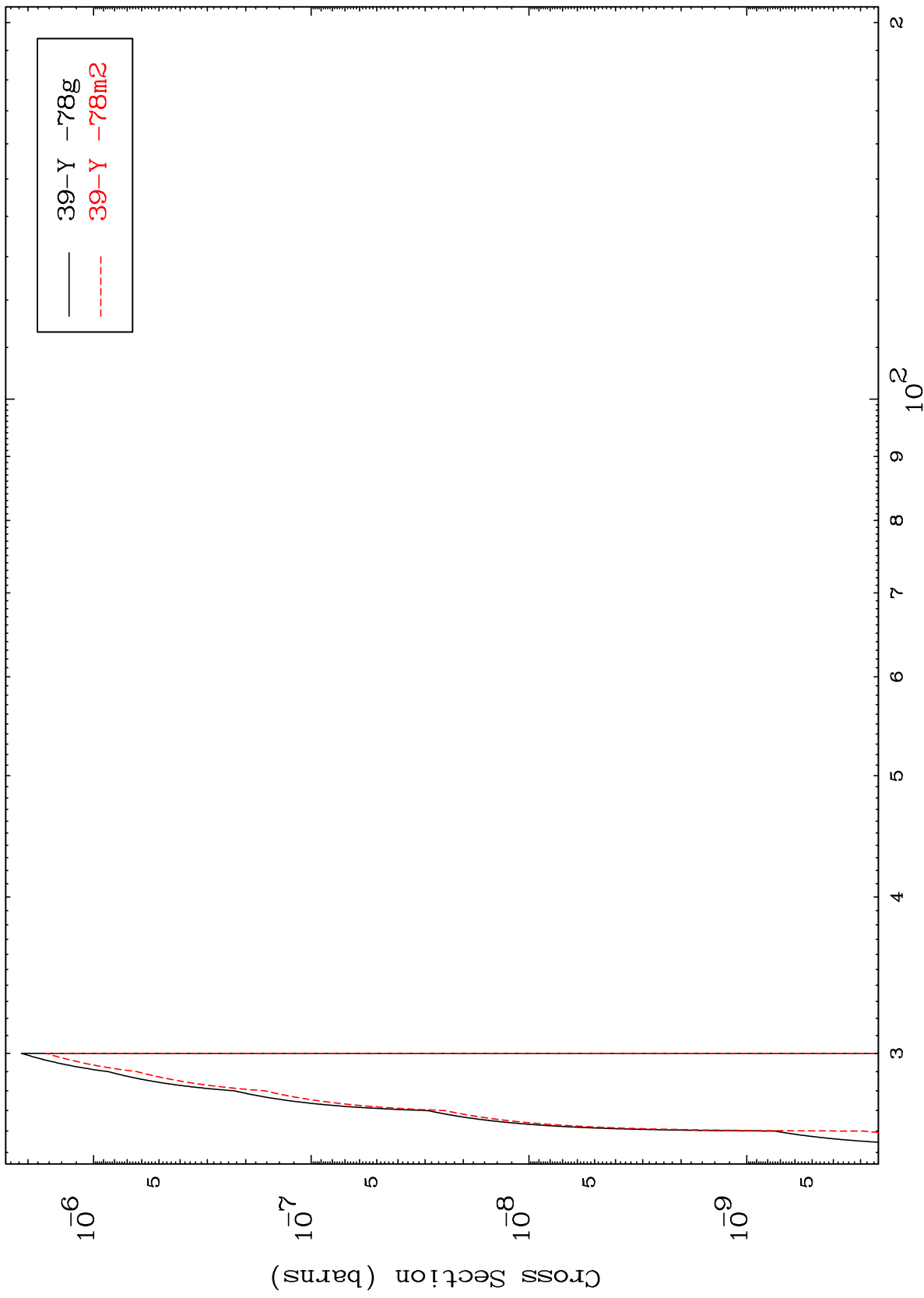
Inelastic
Radionuclide Production Cross Section



MAT 3899

39-Y -80m

(n,3n)
Radionuclide Production Cross Section



18

Incident Energy (MeV)

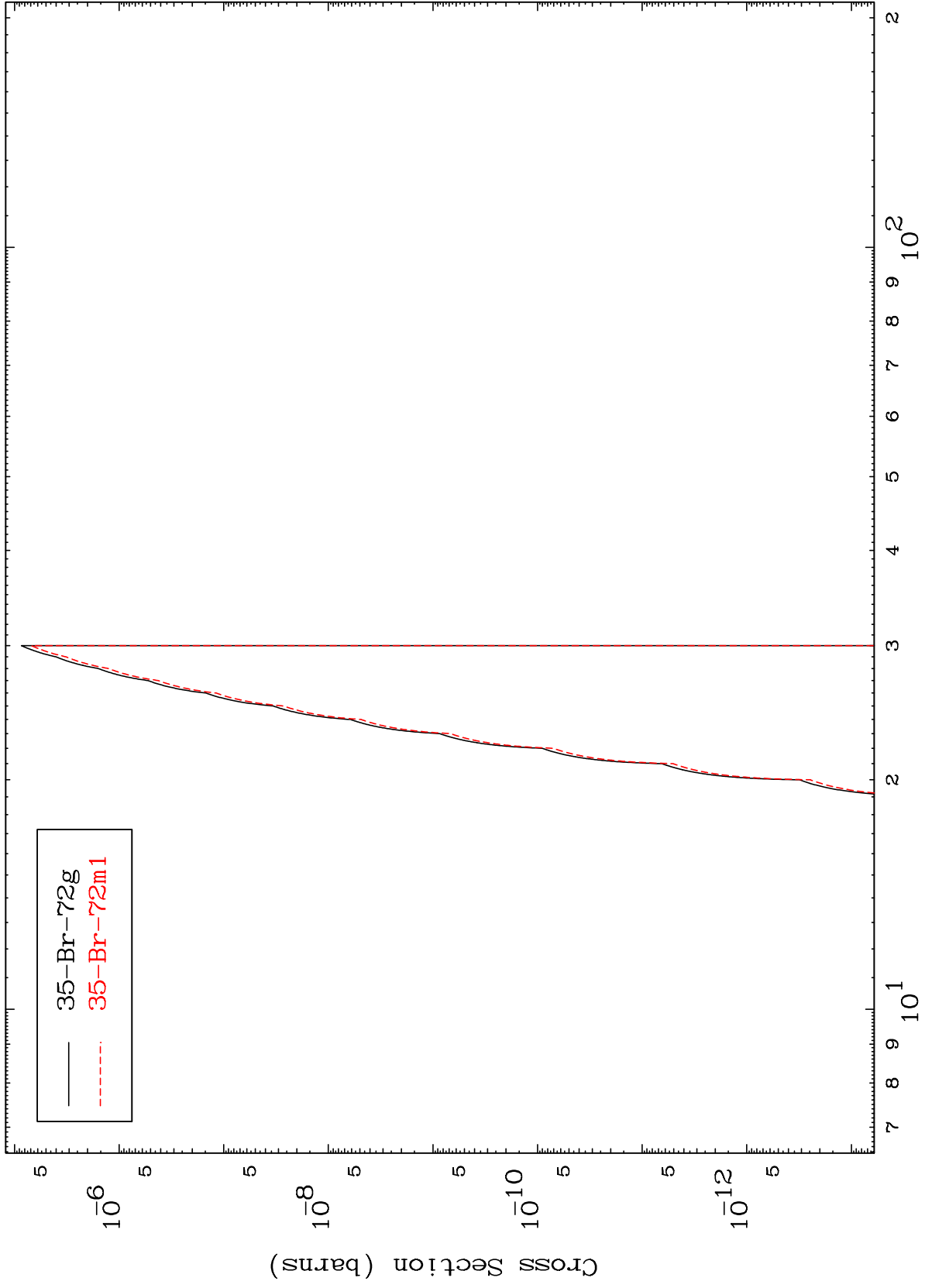
39-Y -80m

MAT 3899

(n,n') 2α

39-Y -80m

Radionuclide Production Cross Section



— 35-Br-72g
- - - 35-Br-72m1

19

Incident Energy (MeV)

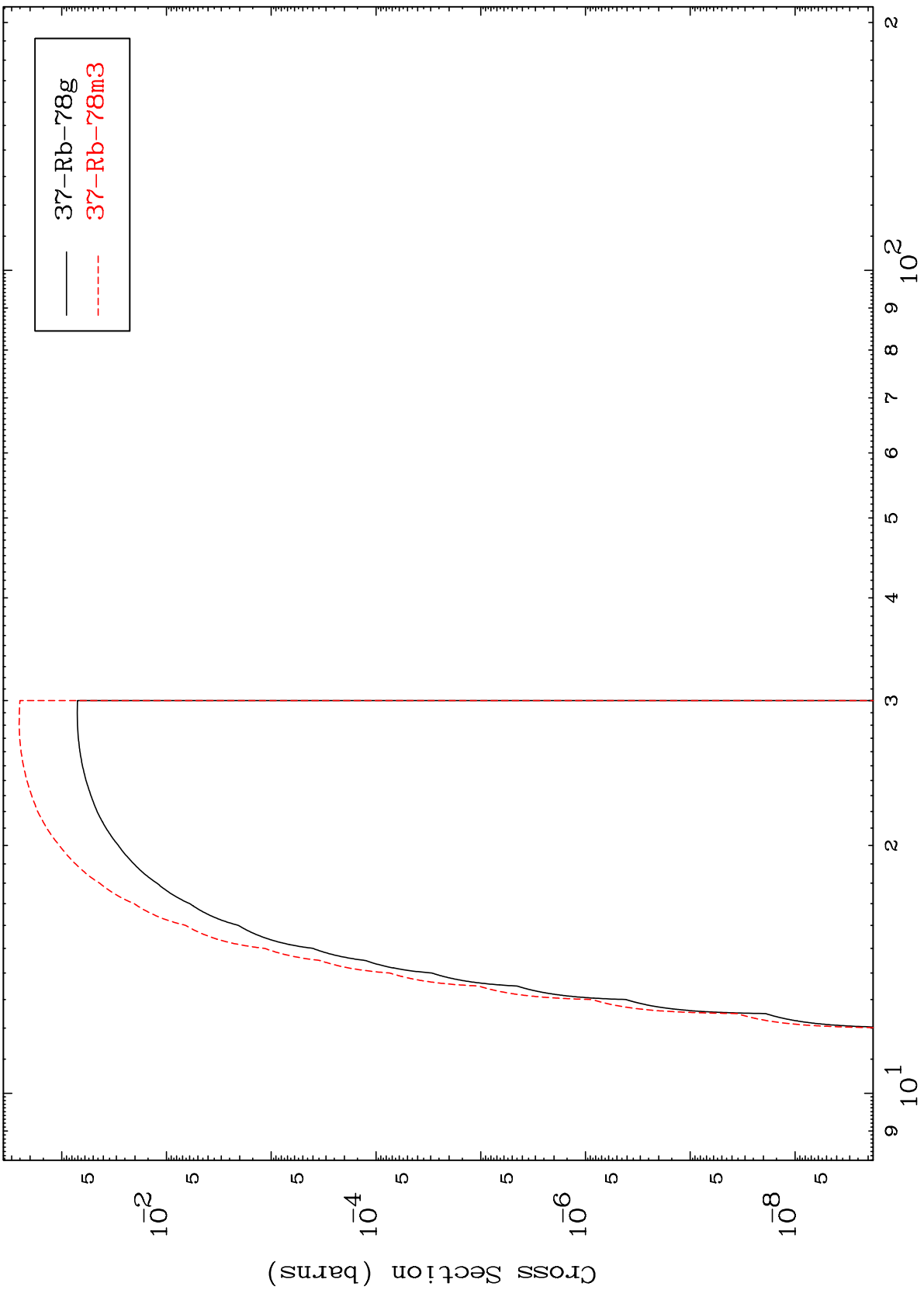
39-Y -80m

MAT 3899

(n,2n) p

39-Y -80m

Radionuclide Production Cross Section



— 37-Rb-78g
- - - 37-Rb-78m3

20

Incident Energy (MeV)

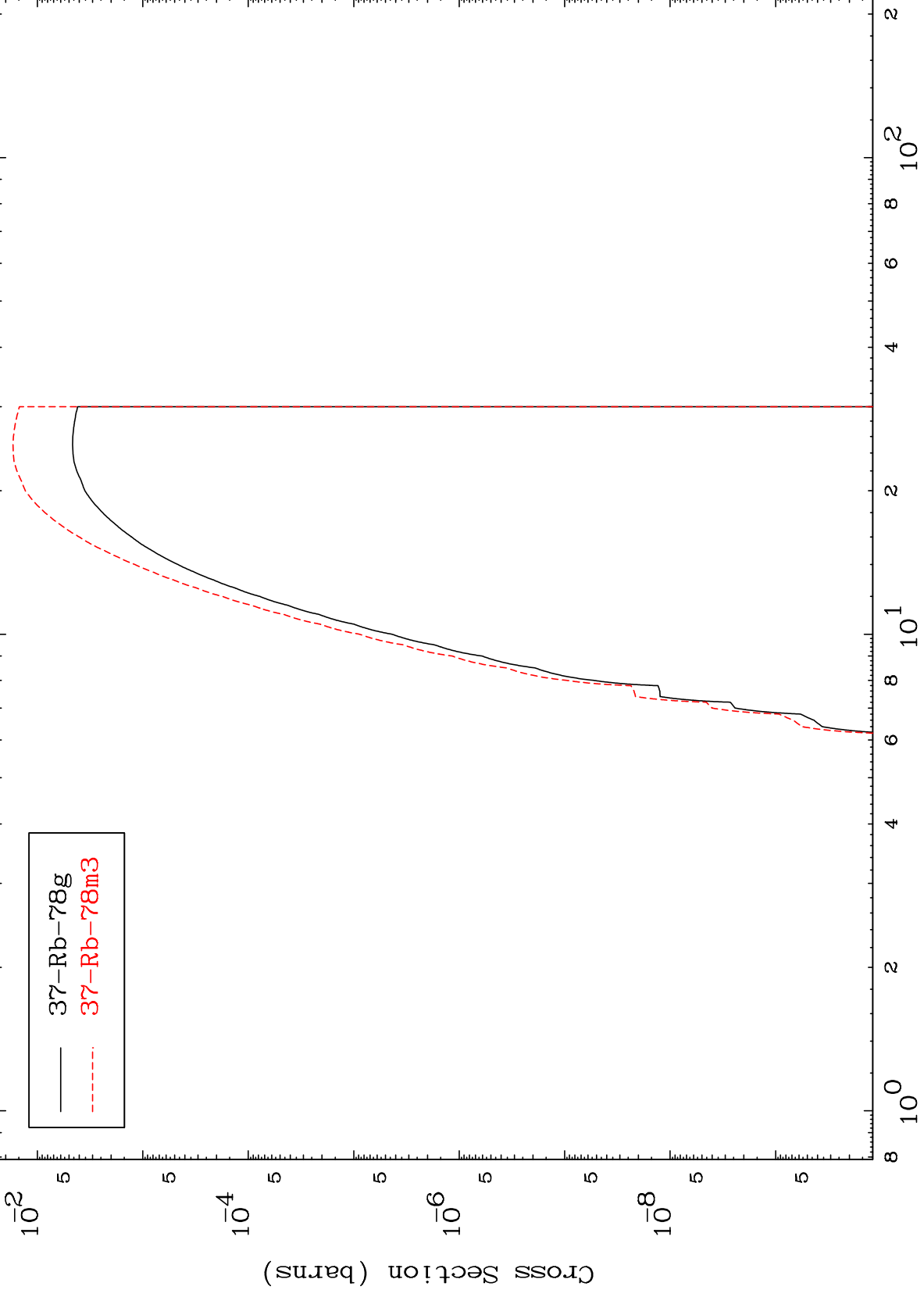
39-Y -80m

MAT 3899

(n,He-3)

39-Y -80m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

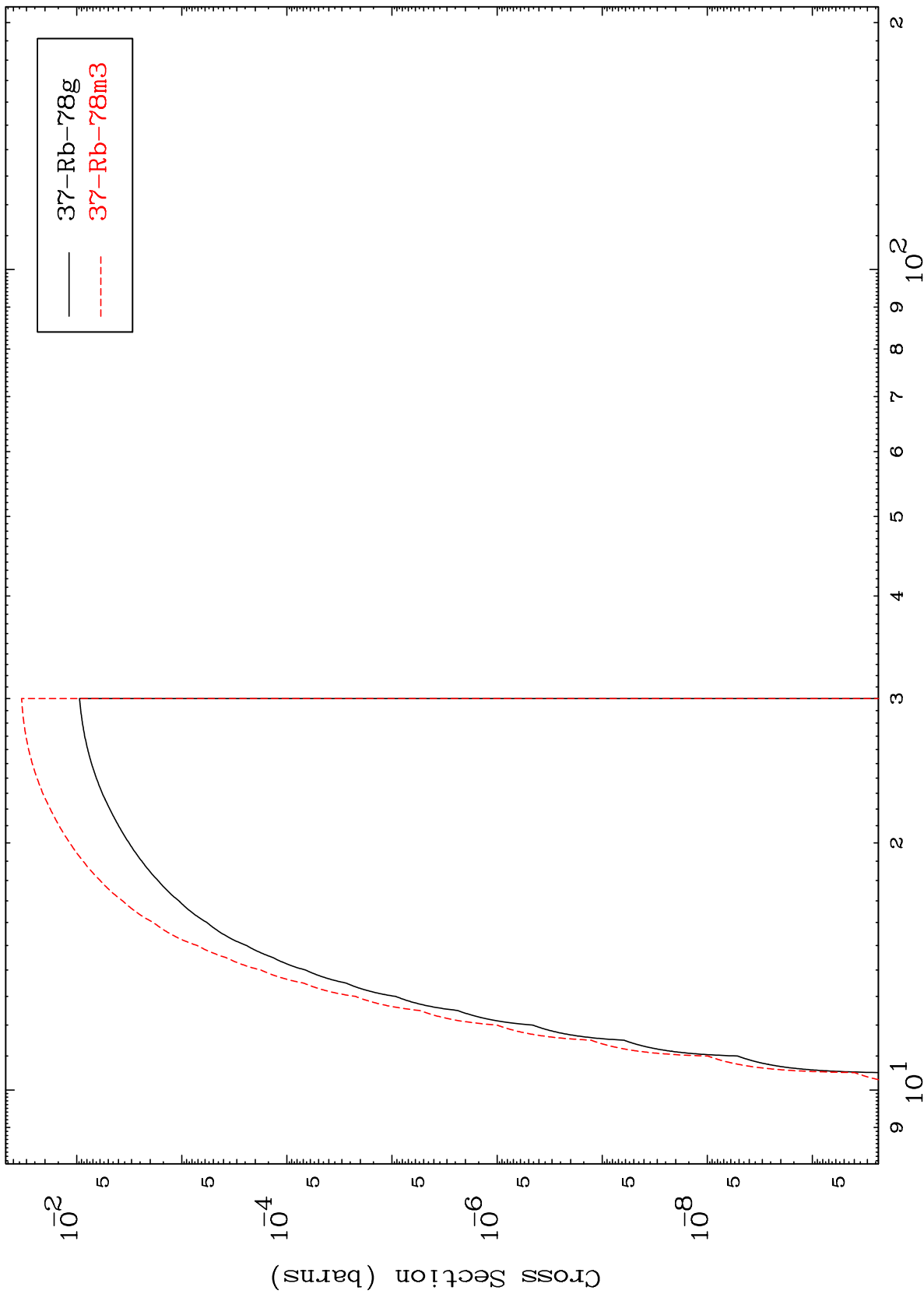
39-Y -80m

MAT 3899

(n,p) d

39-Y -80m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

39-Y -80m