

Program EVALPLOT
(Version 2018-1)

by

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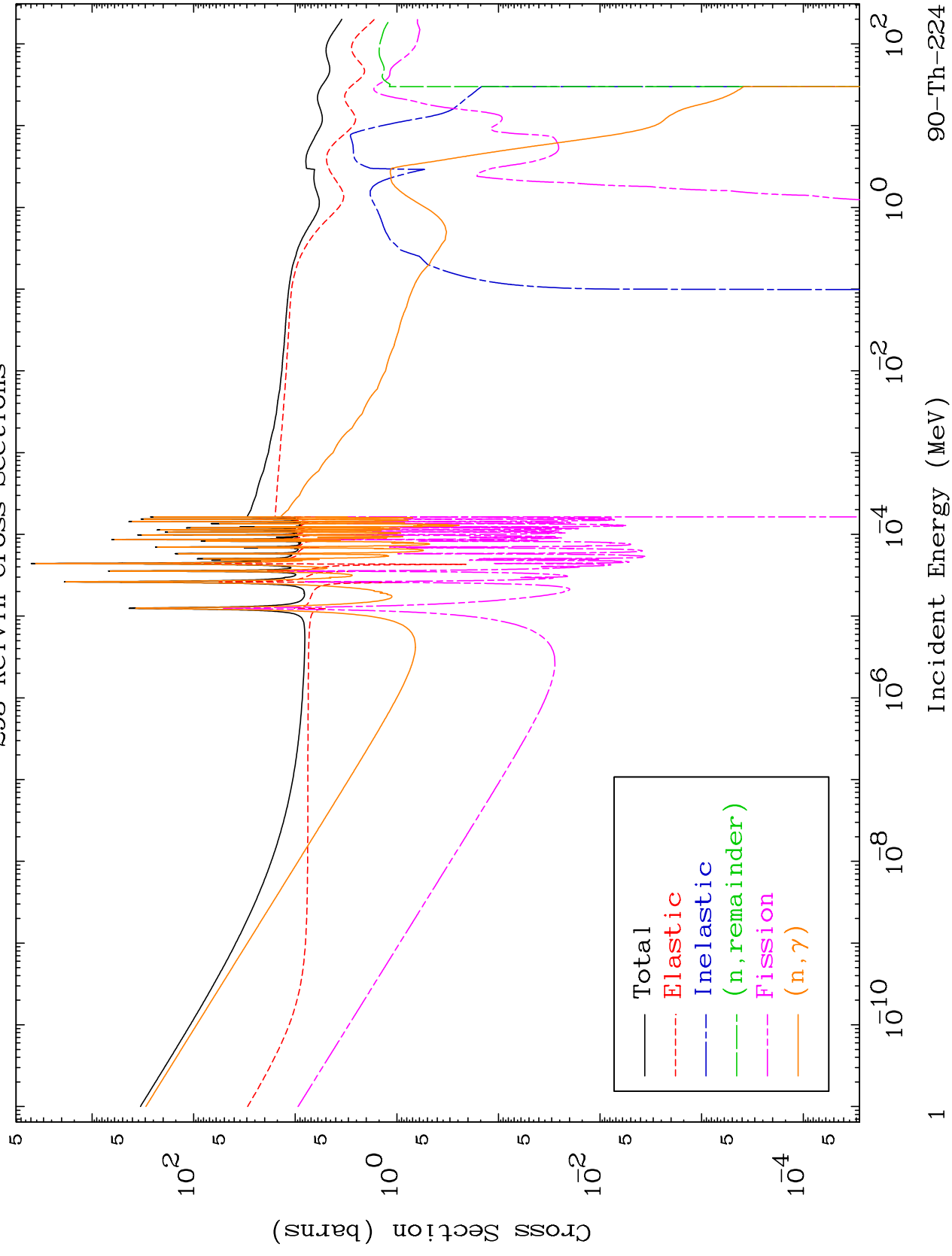
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9016

Major
293 Kelvin Cross Sections

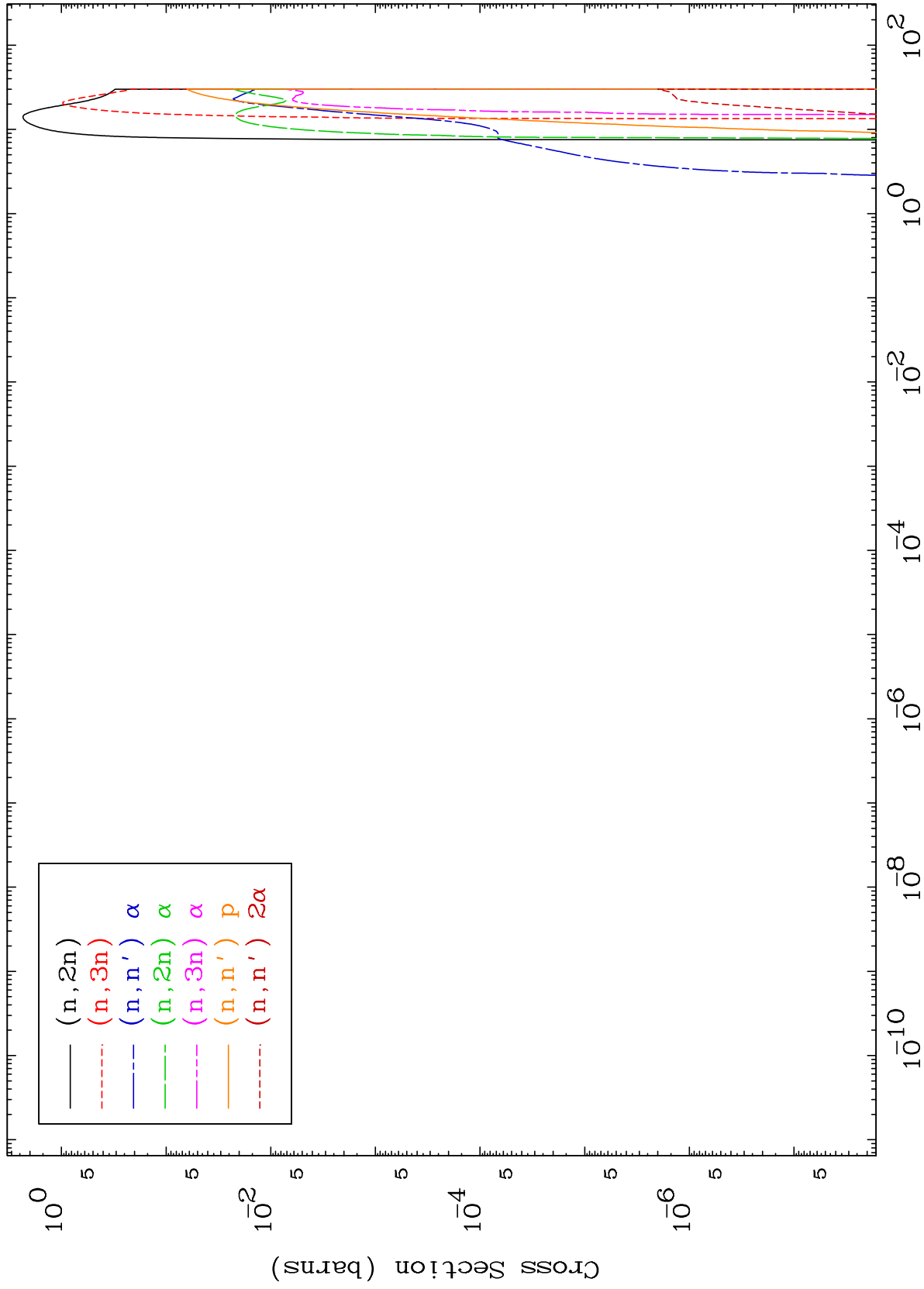
90-Th-224



MAT 9016

Neutron Production
293 Kelvin Cross Sections

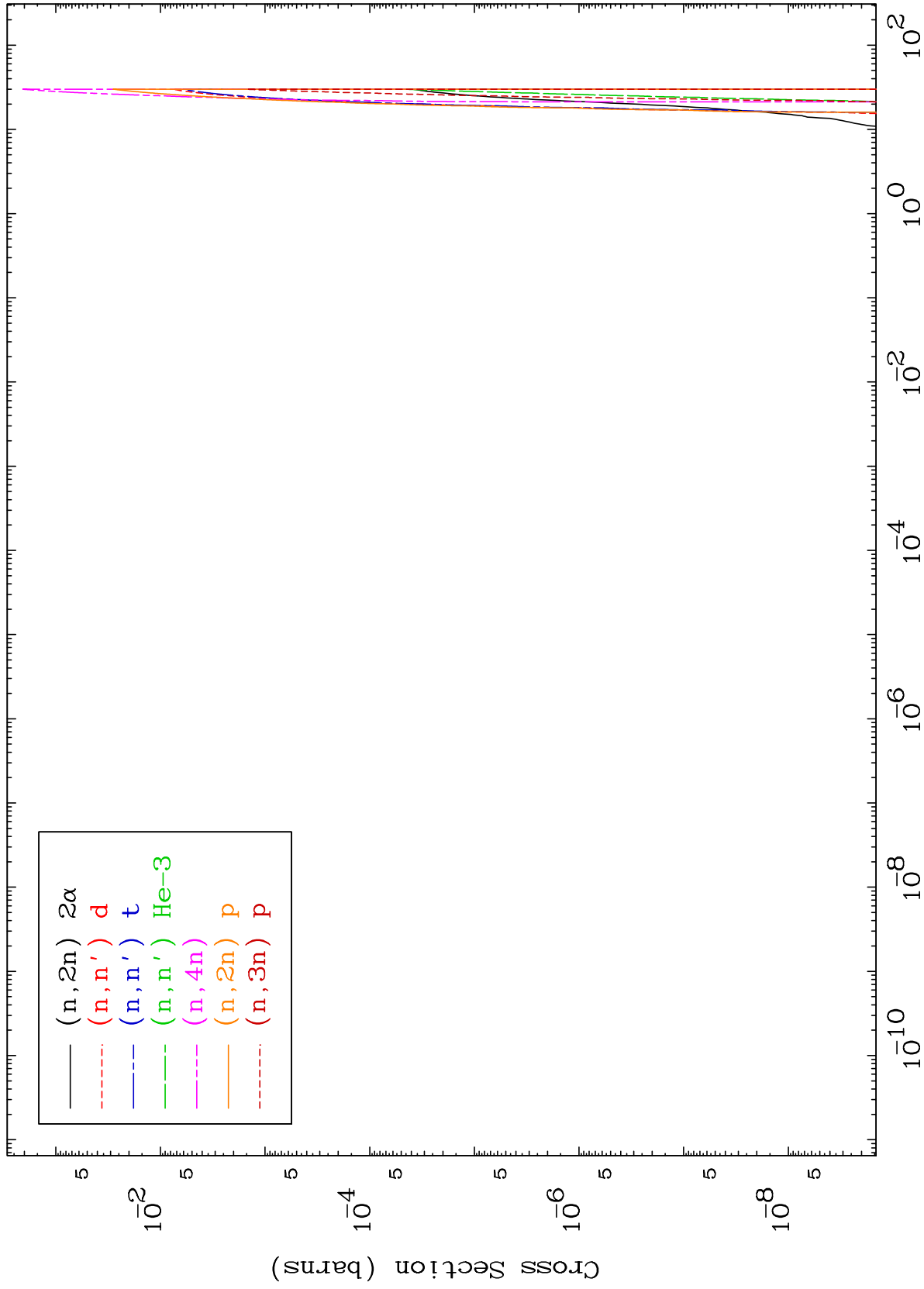
90-Th-224



MAT 9016

Neutron Production
293 Kelvin Cross Sections

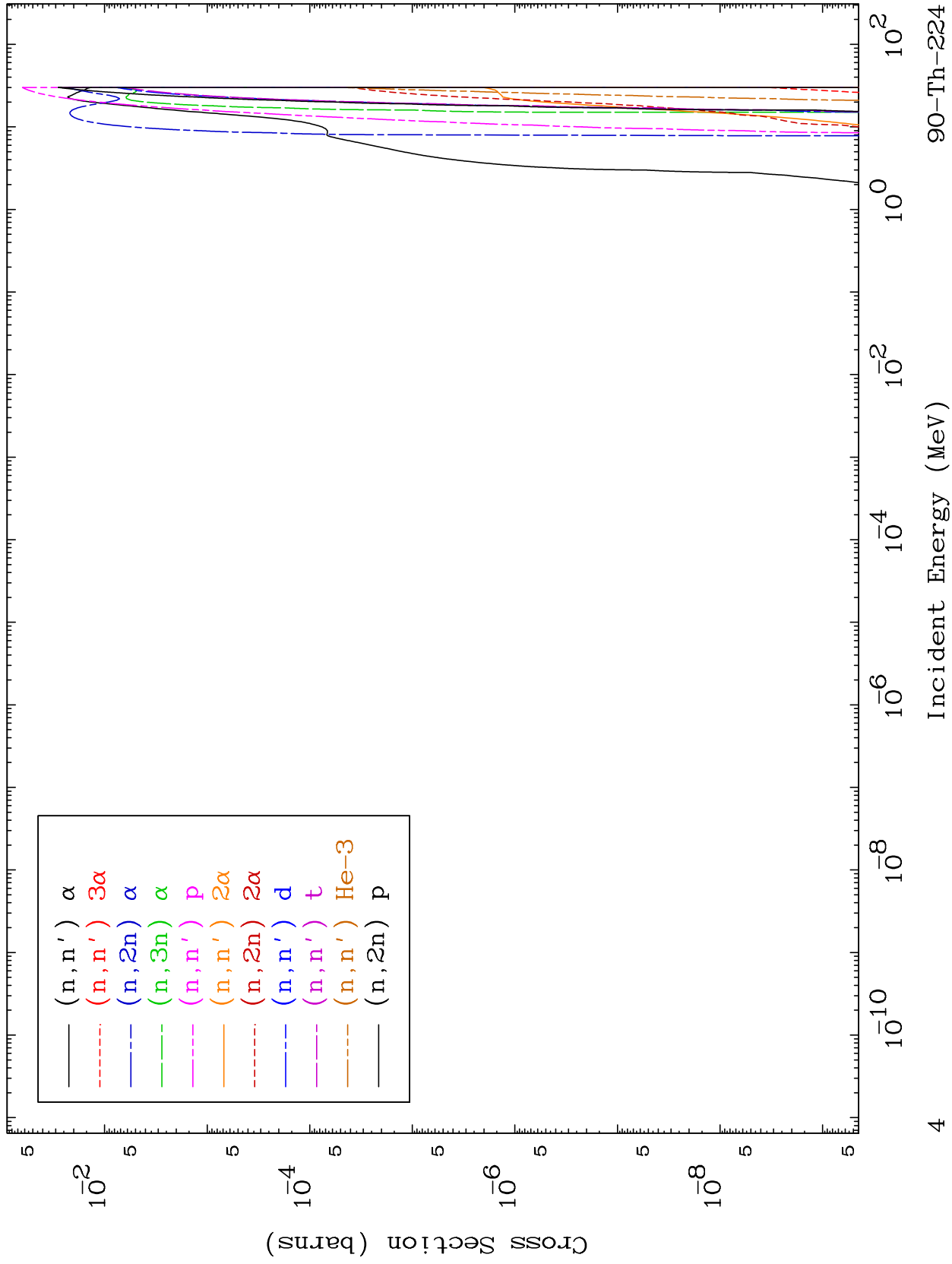
90-Th-224



MAT 9016

293 Kelvin Cross Sections

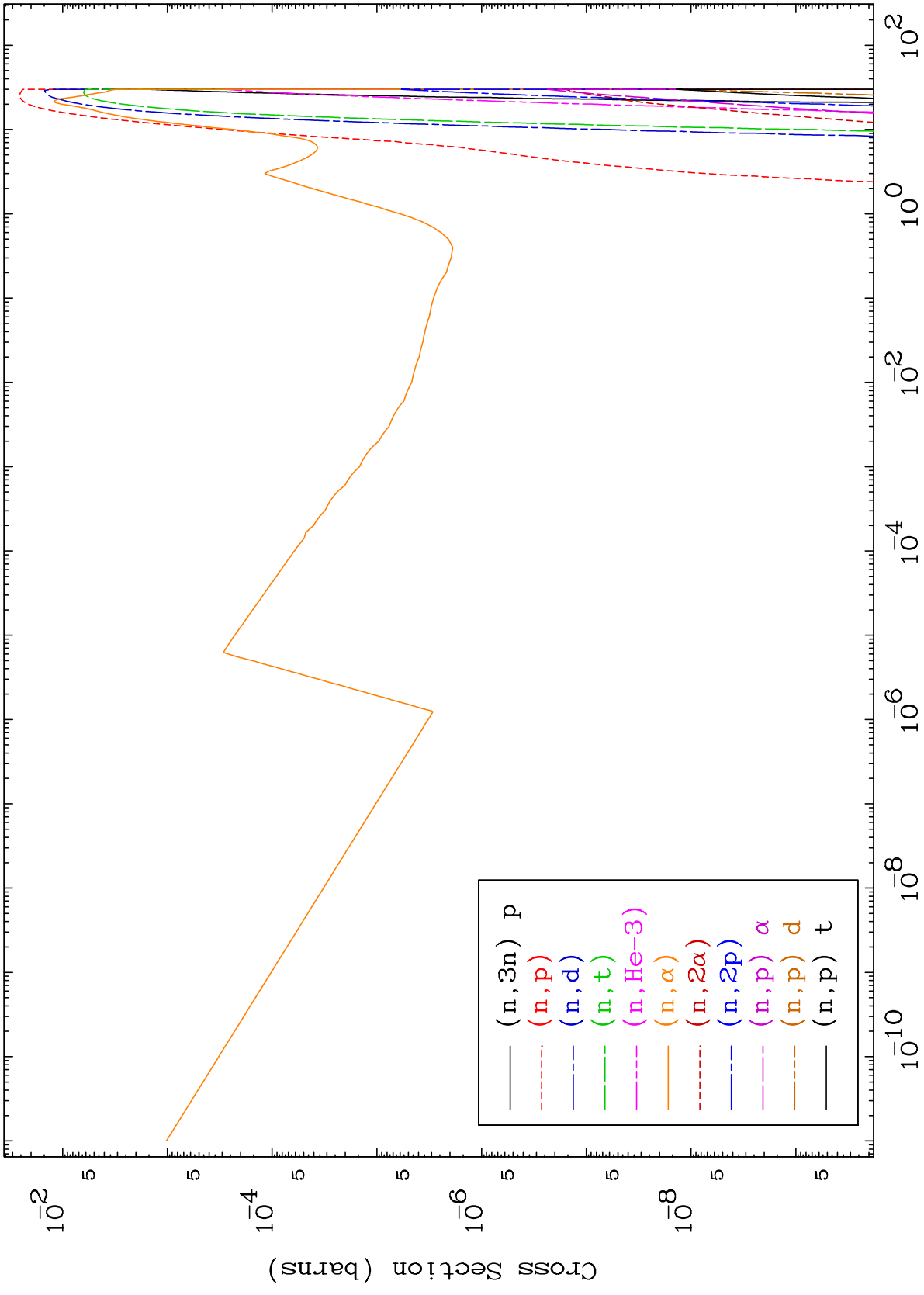
90-Th-224



MAT 9016

293 Kelvin Cross Sections

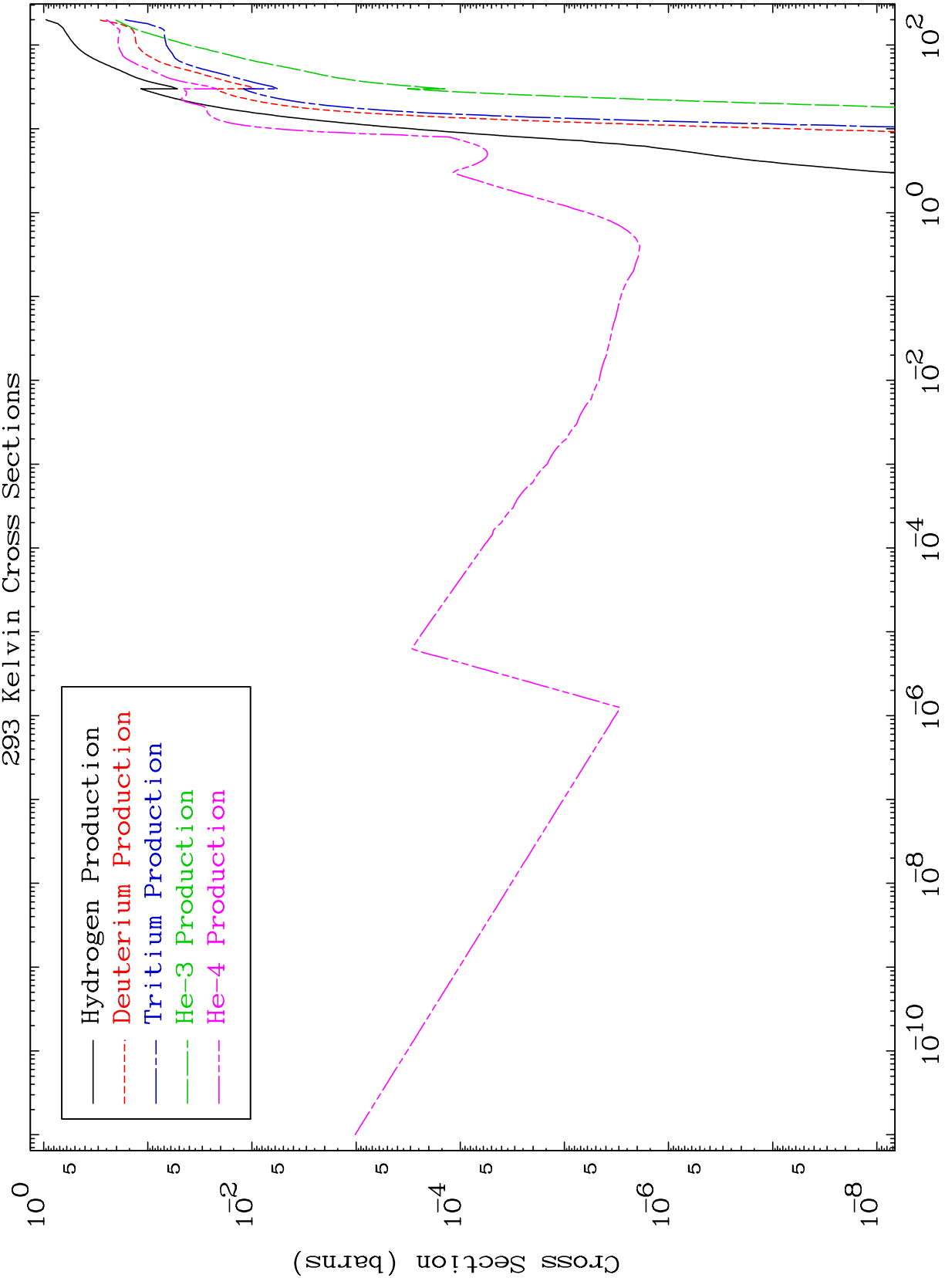
90-Th-224



MAT 9016

Particle Production
293 Kelvin Cross Sections

90-Th-224



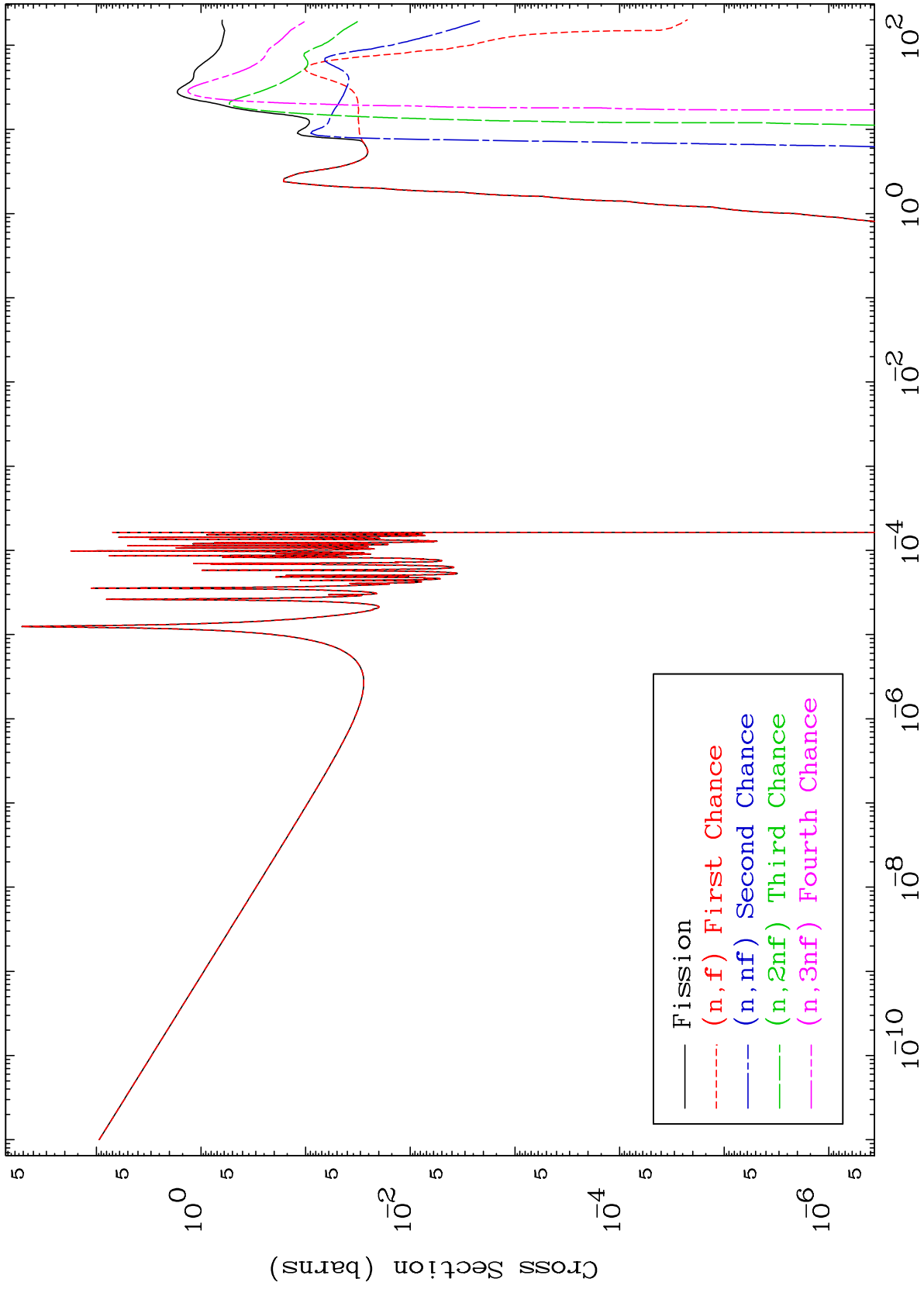
6

90-Th-224

MAT 9016

Fission
293 Kelvin Cross Sections

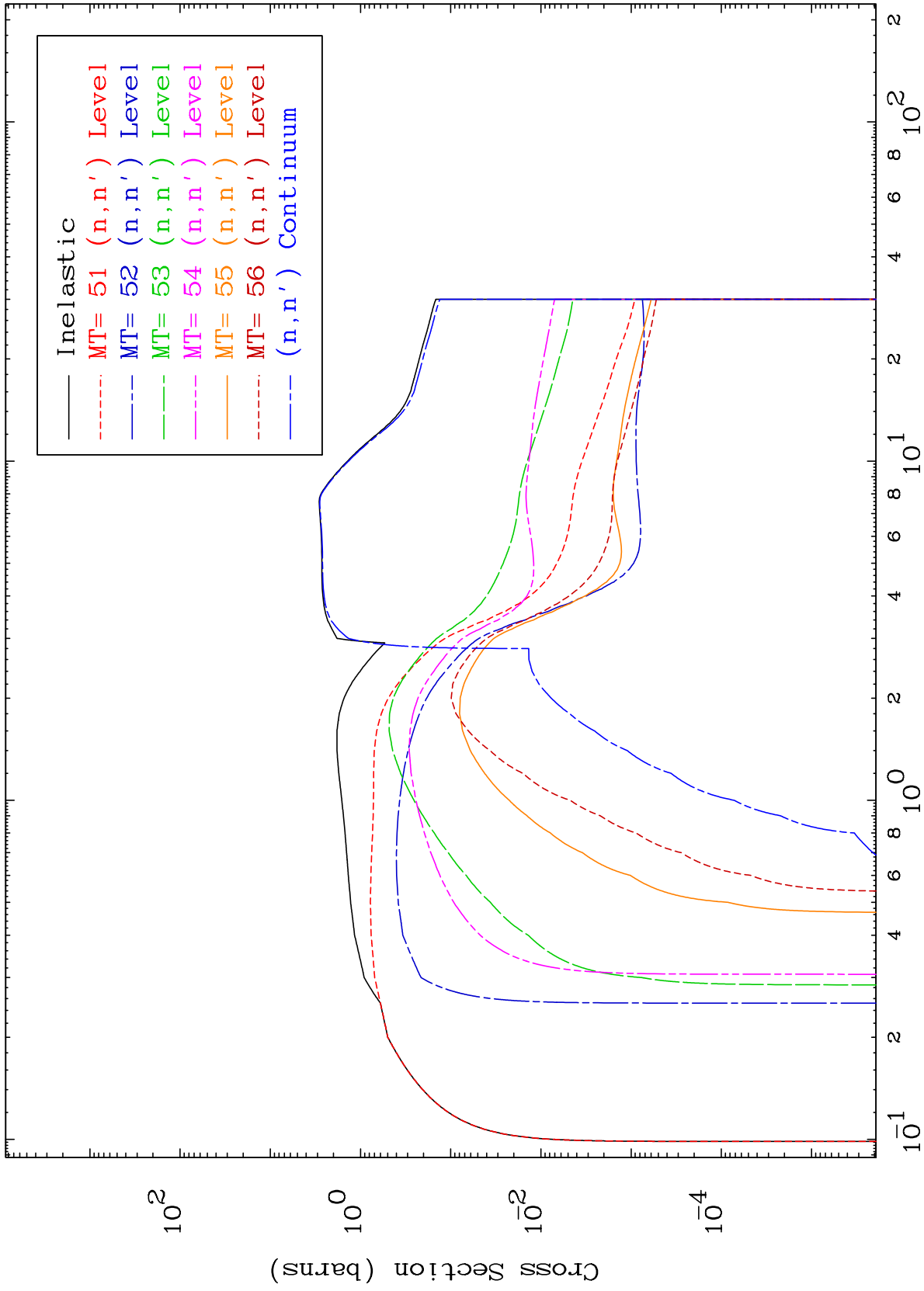
90-Th-224



MAT 9016

(n,n') Level
293 Kelvin Cross Sections

90-Th-224



8

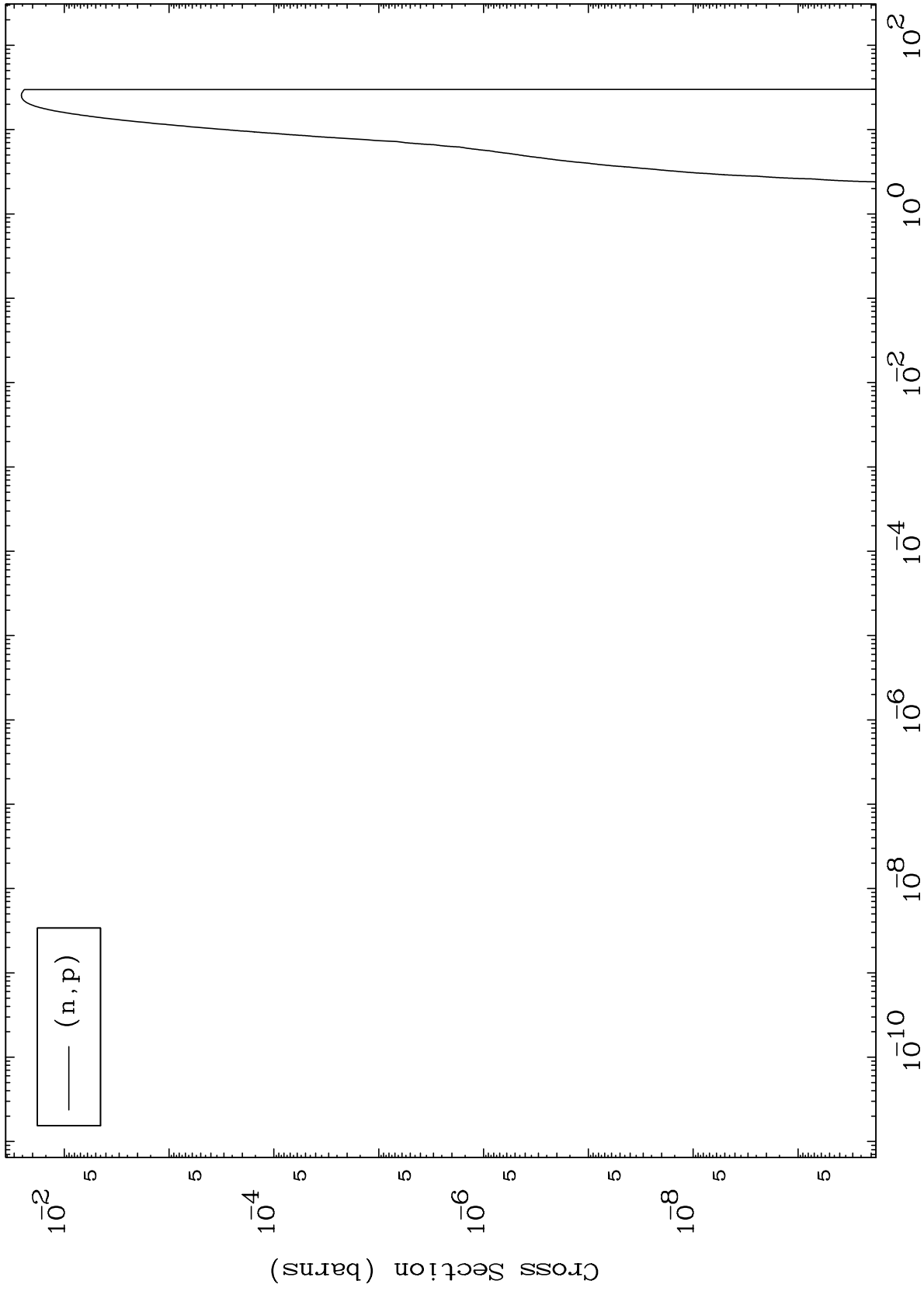
Incident Energy (MeV)

90-Th-224

MAT 9016

(n,p) Levels
293 Kelvin Cross Sections

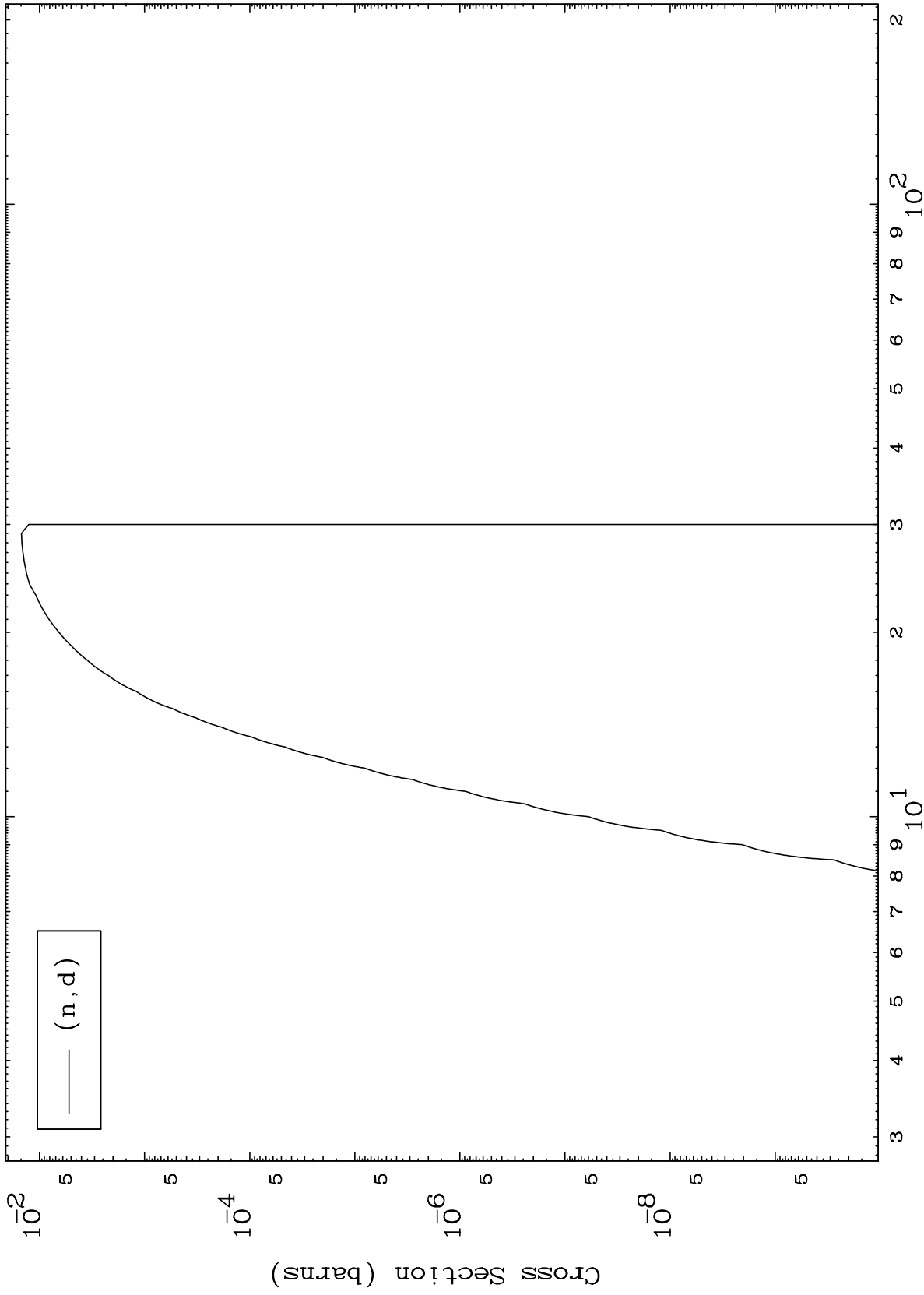
90-Th-224



MAT 9016

(n,d) Levels
293 Kelvin Cross Sections

90-Th-224



(n,d)

10

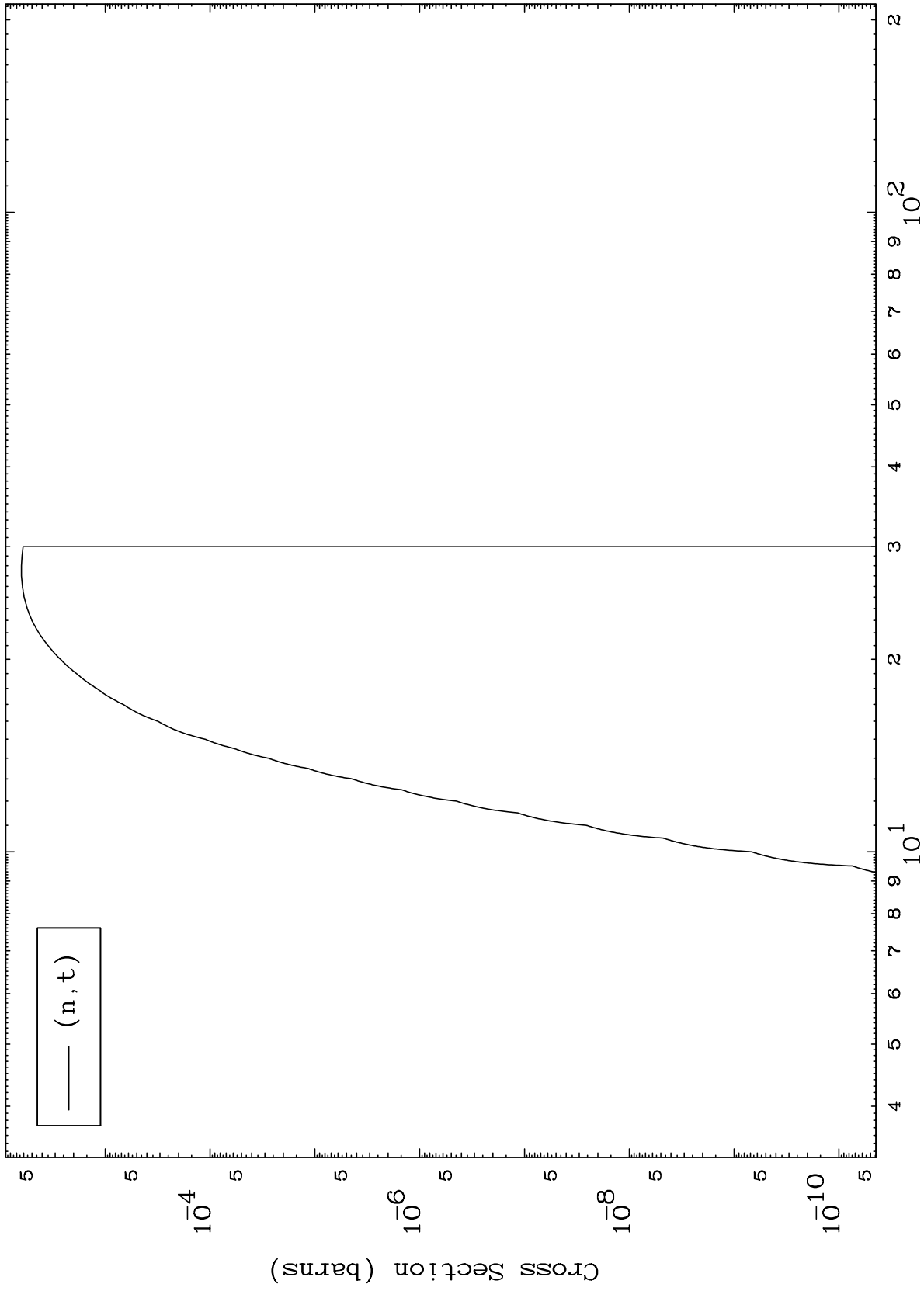
Incident Energy (MeV)

90-Th-224

MAT 9016

(n,t) Levels
293 Kelvin Cross Sections

90-Th-224



11

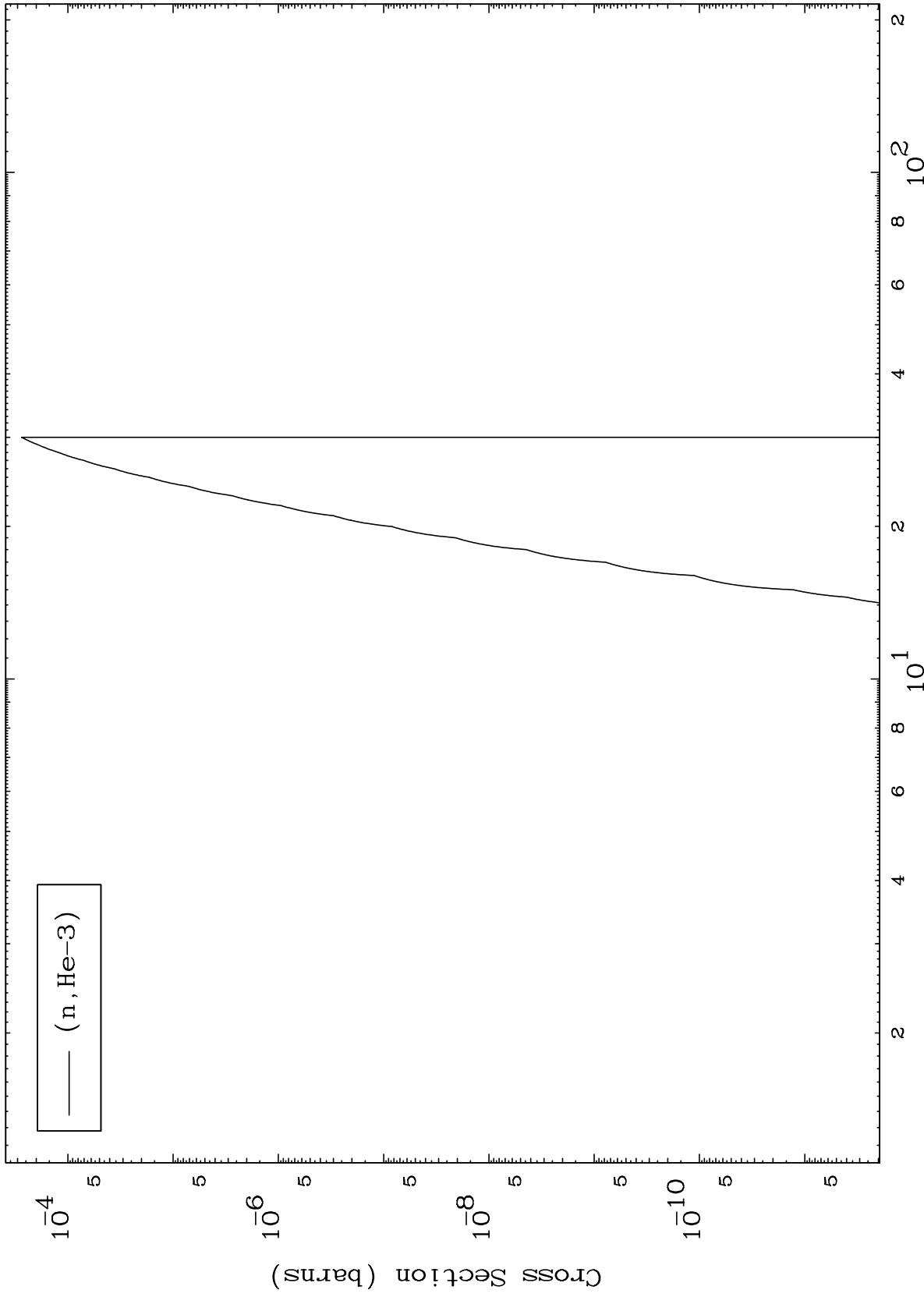
Incident Energy (MeV)

90-Th-224

MAT 9016

(n,He3) Levels
293 Kelvin Cross Sections

90-Th-224



12

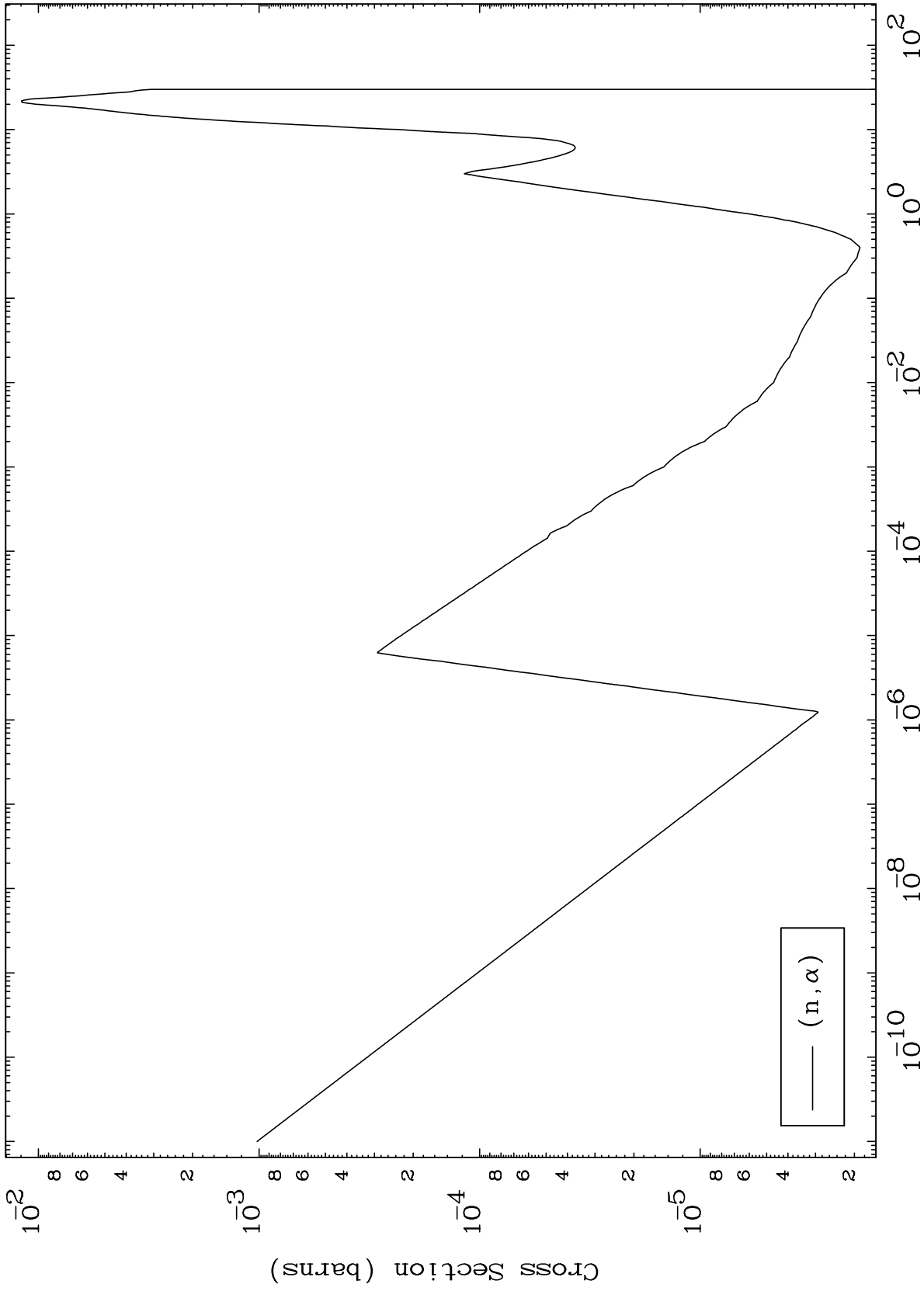
Incident Energy (MeV)

90-Th-224

MAT 9016

(n,α) Levels
293 Kelvin Cross Sections

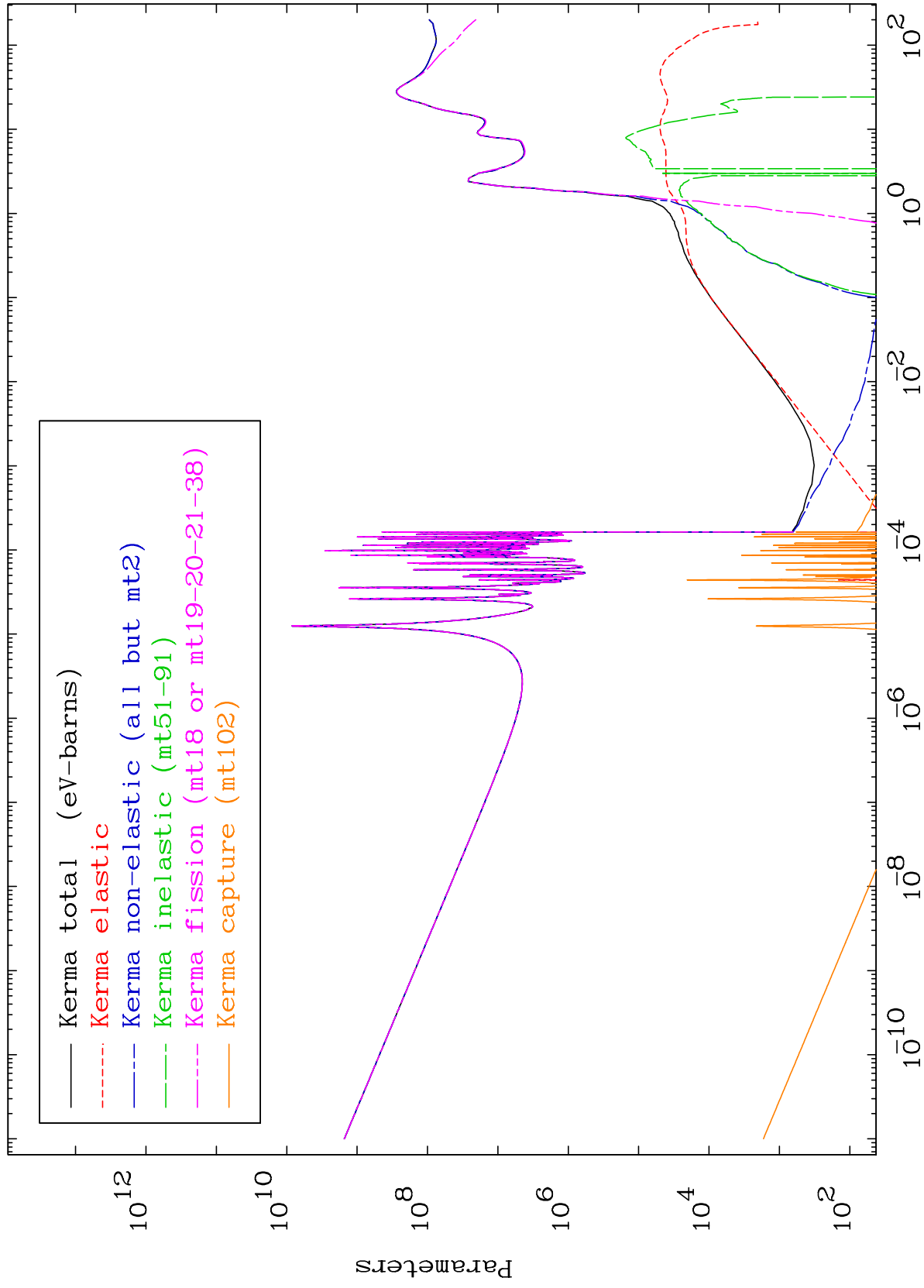
90-Th-224



MAT 9016

Energy Release
Parameters

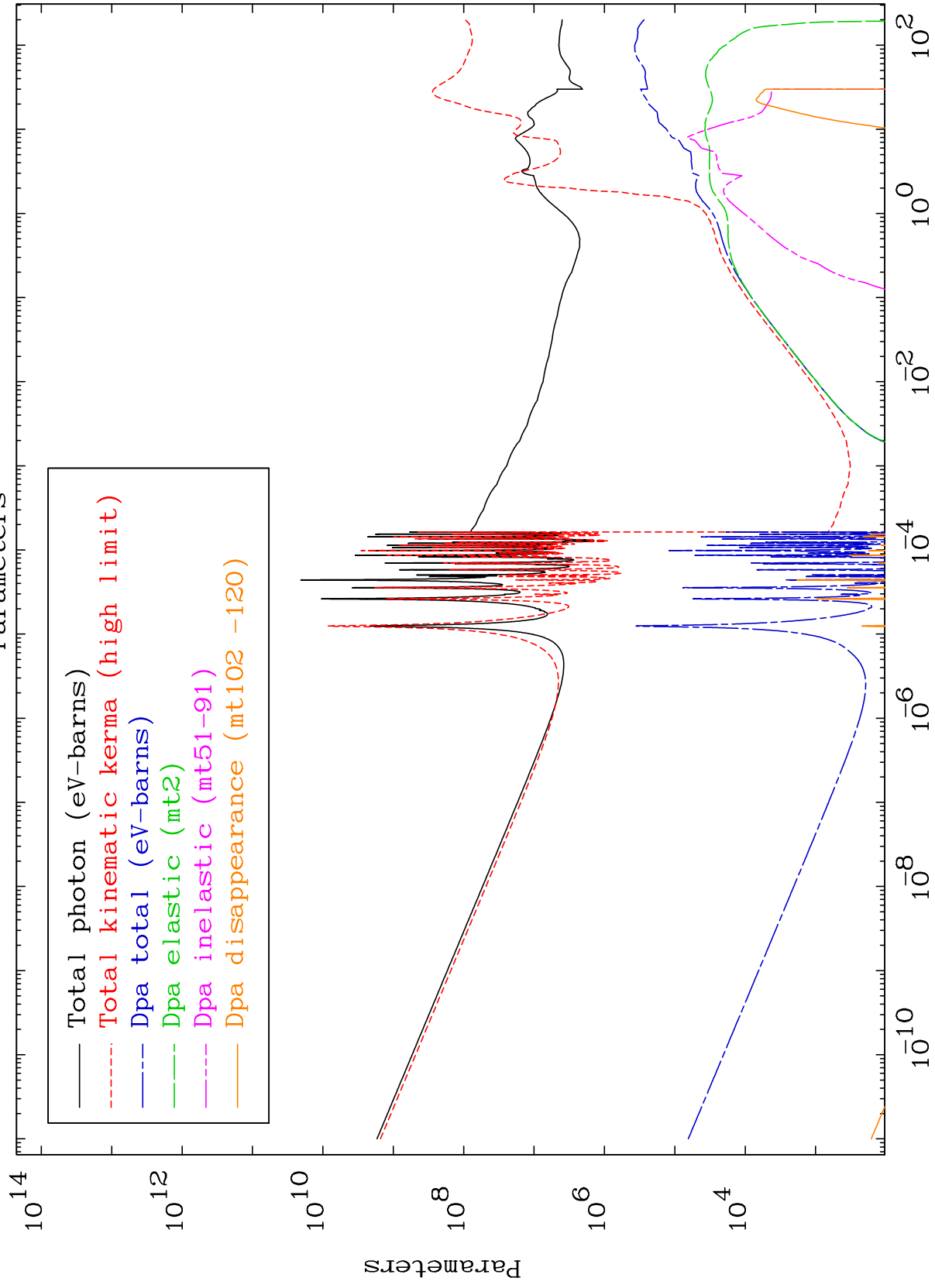
90-Th-224



MAT 9016

Energy Release
Parameters

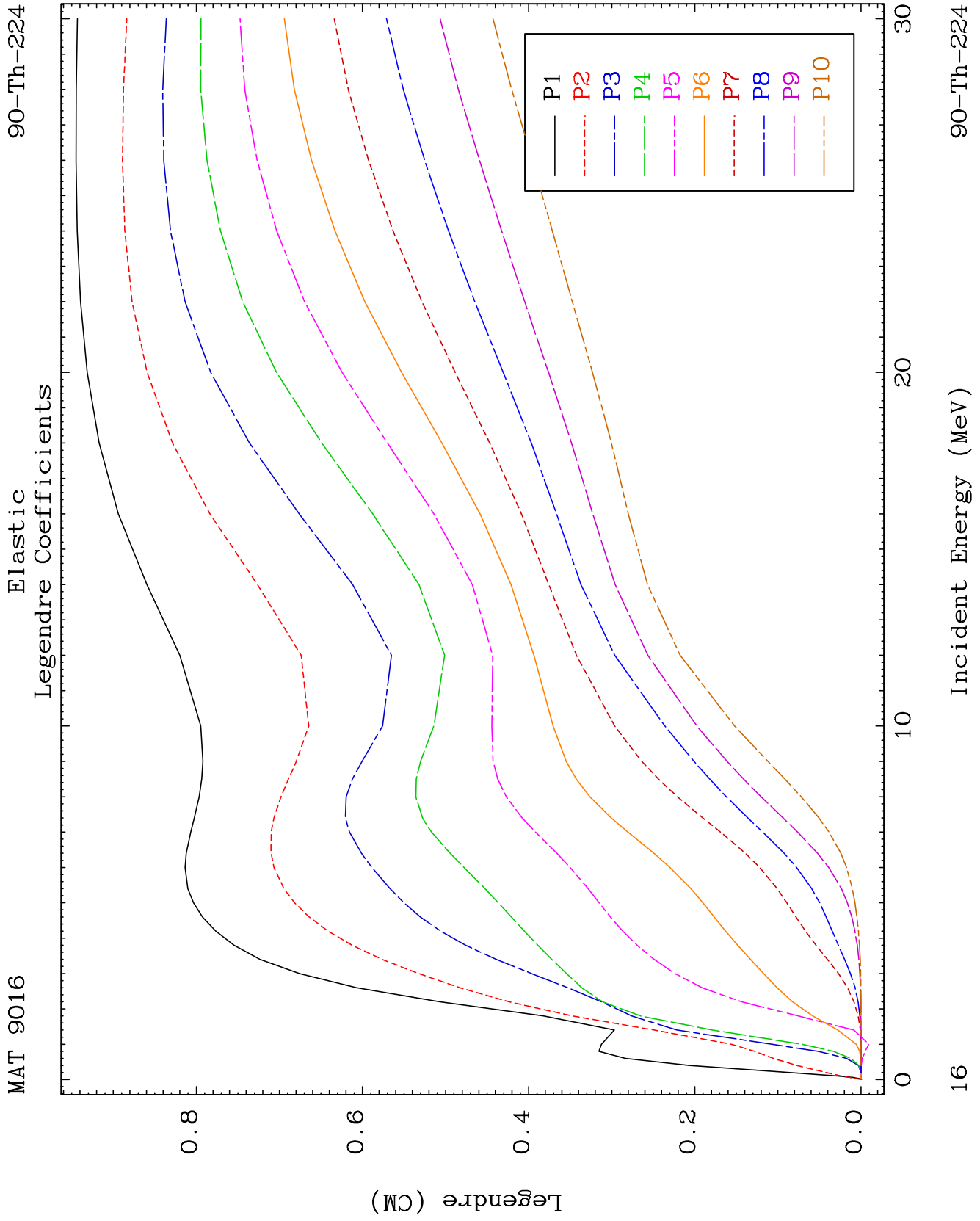
90-Th-224



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Incident Energy (MeV)

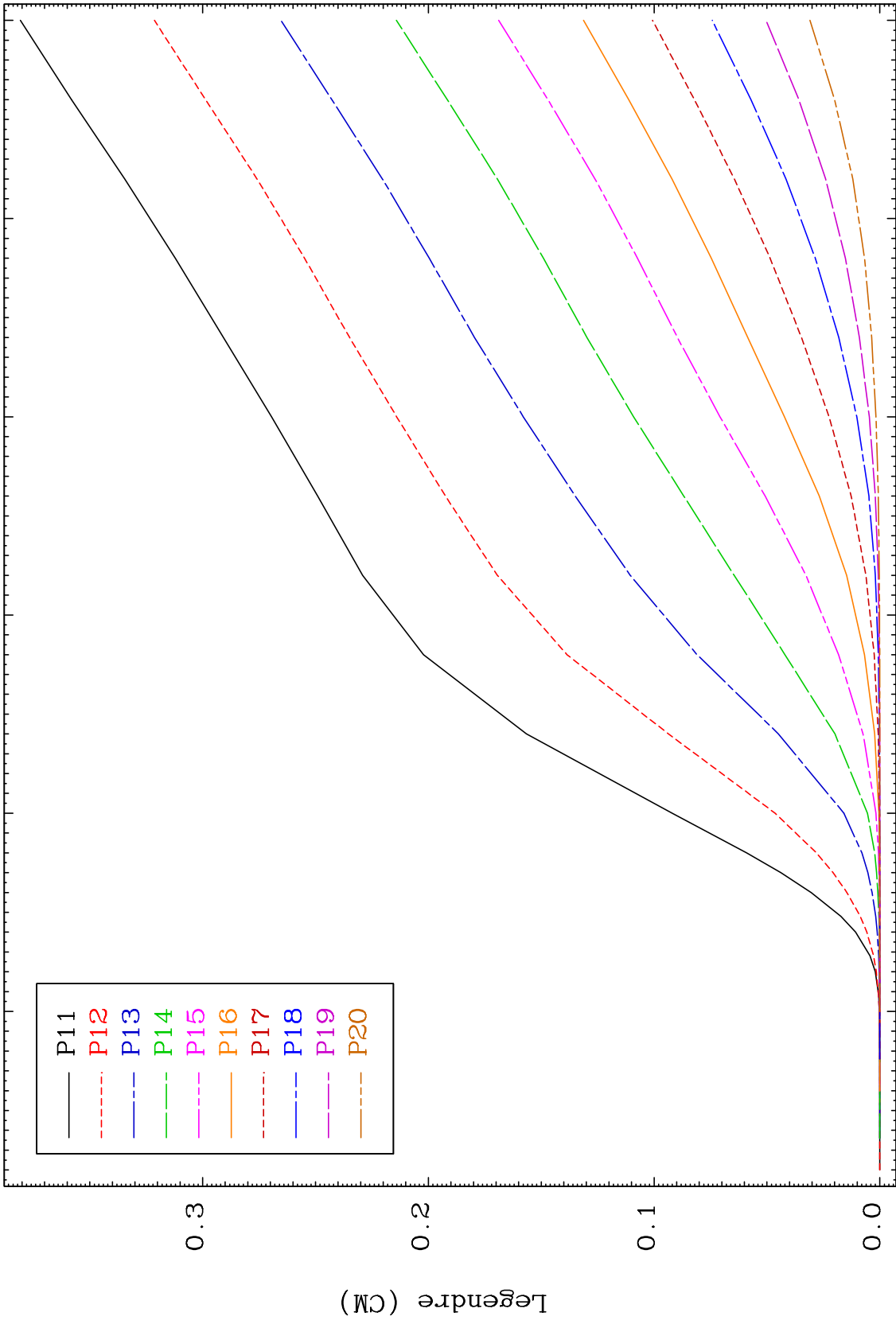
90-Th-224



MAT 9016

Elastic Legendre Coefficients

90-Th-224



17

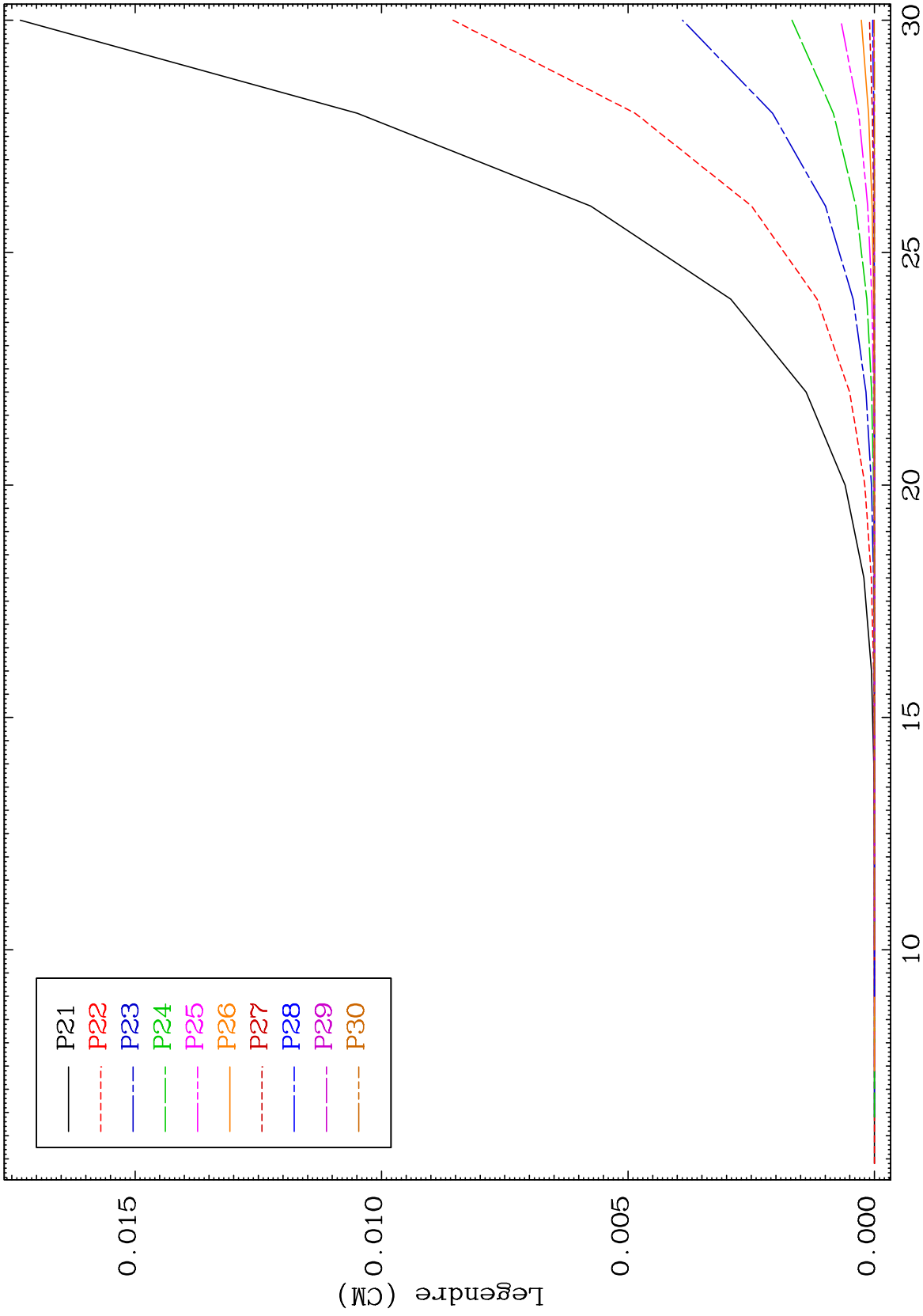
Incident Energy (MeV)

90-Th-224

MAT 9016

Elastic Legendre Coefficients

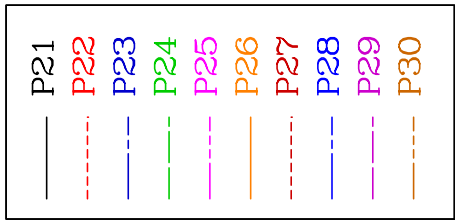
90-Th-224



18

Incident Energy (MeV)

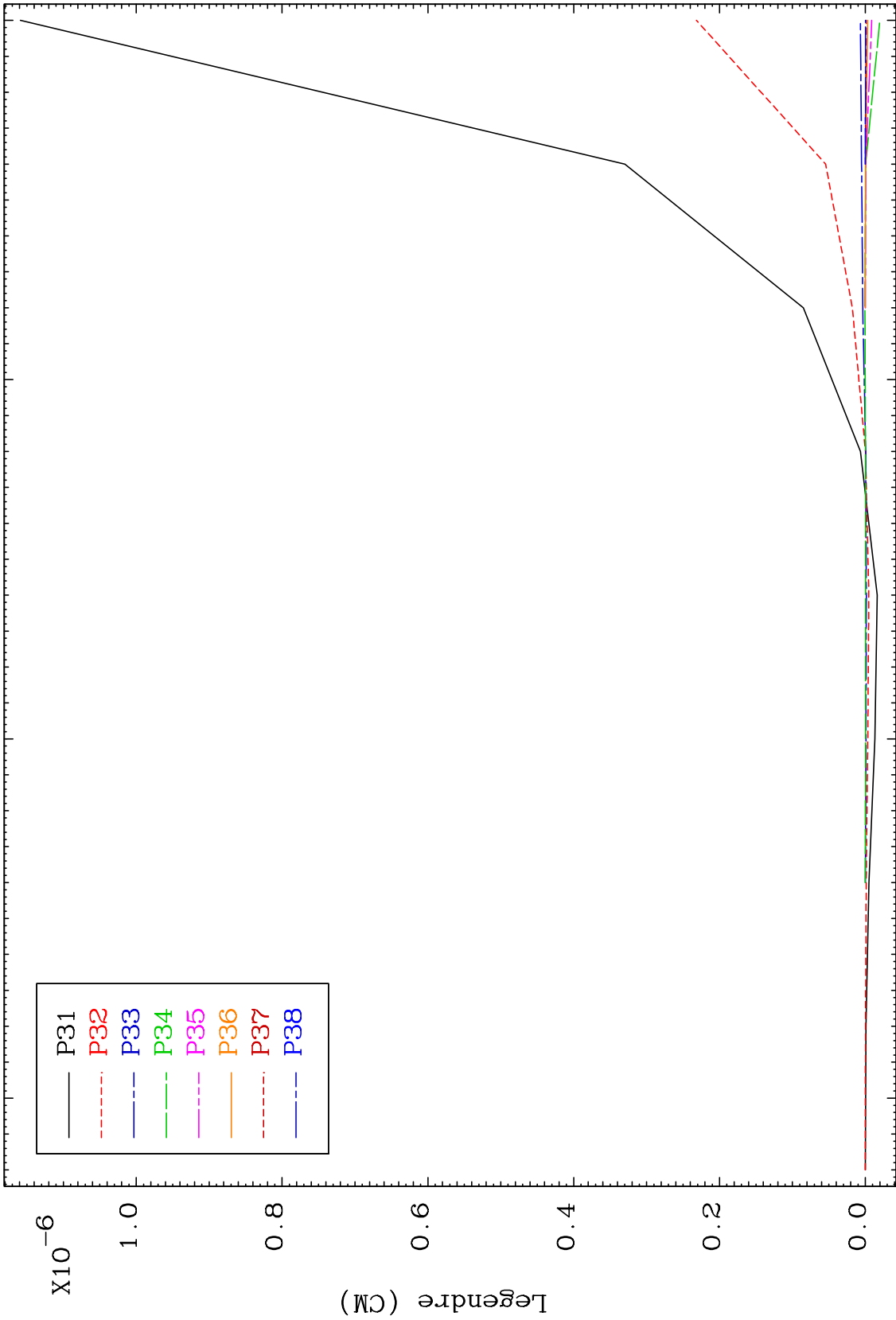
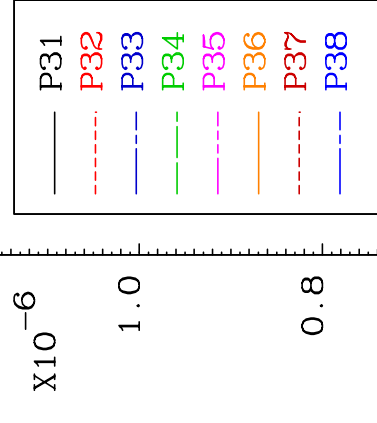
90-Th-224



MAT 9016

Elastic Legendre Coefficients

90-Th-224



19

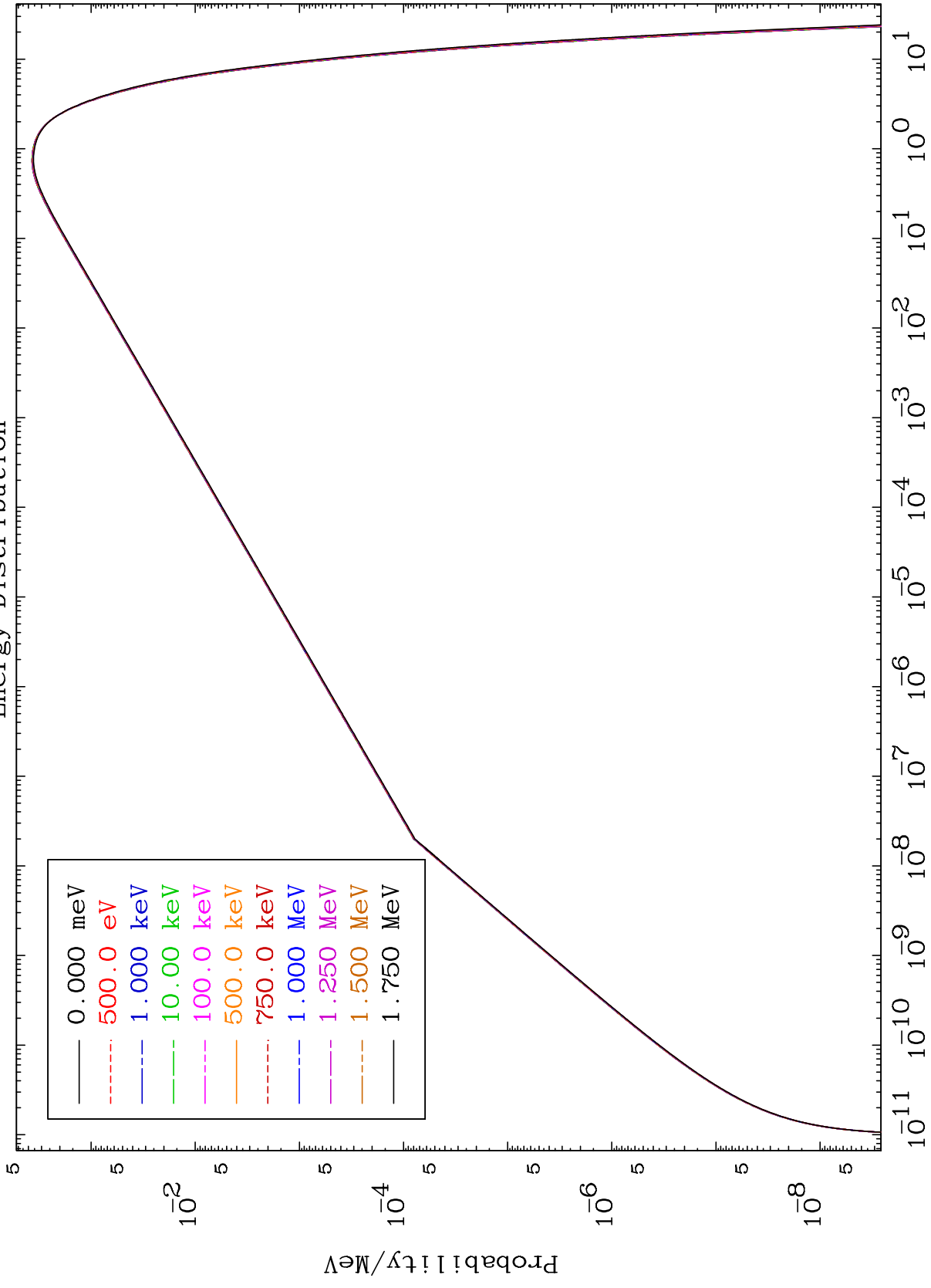
Incident Energy (MeV)

90-Th-224

MAT 9016

Fission Energy Distribution

90-Th-224

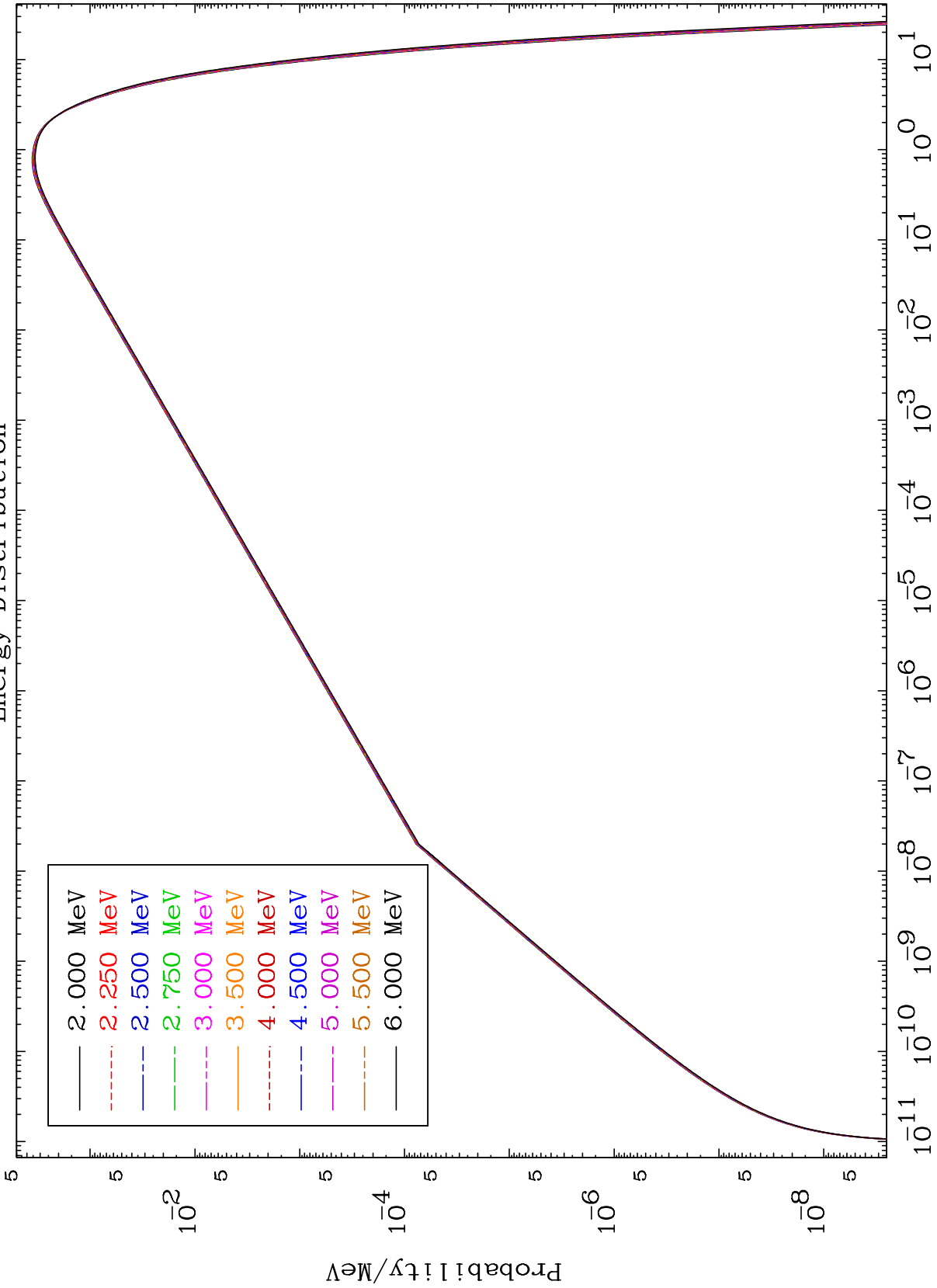


90-Th-224

MAT 9016

Fission Energy Distribution

90-Th-224

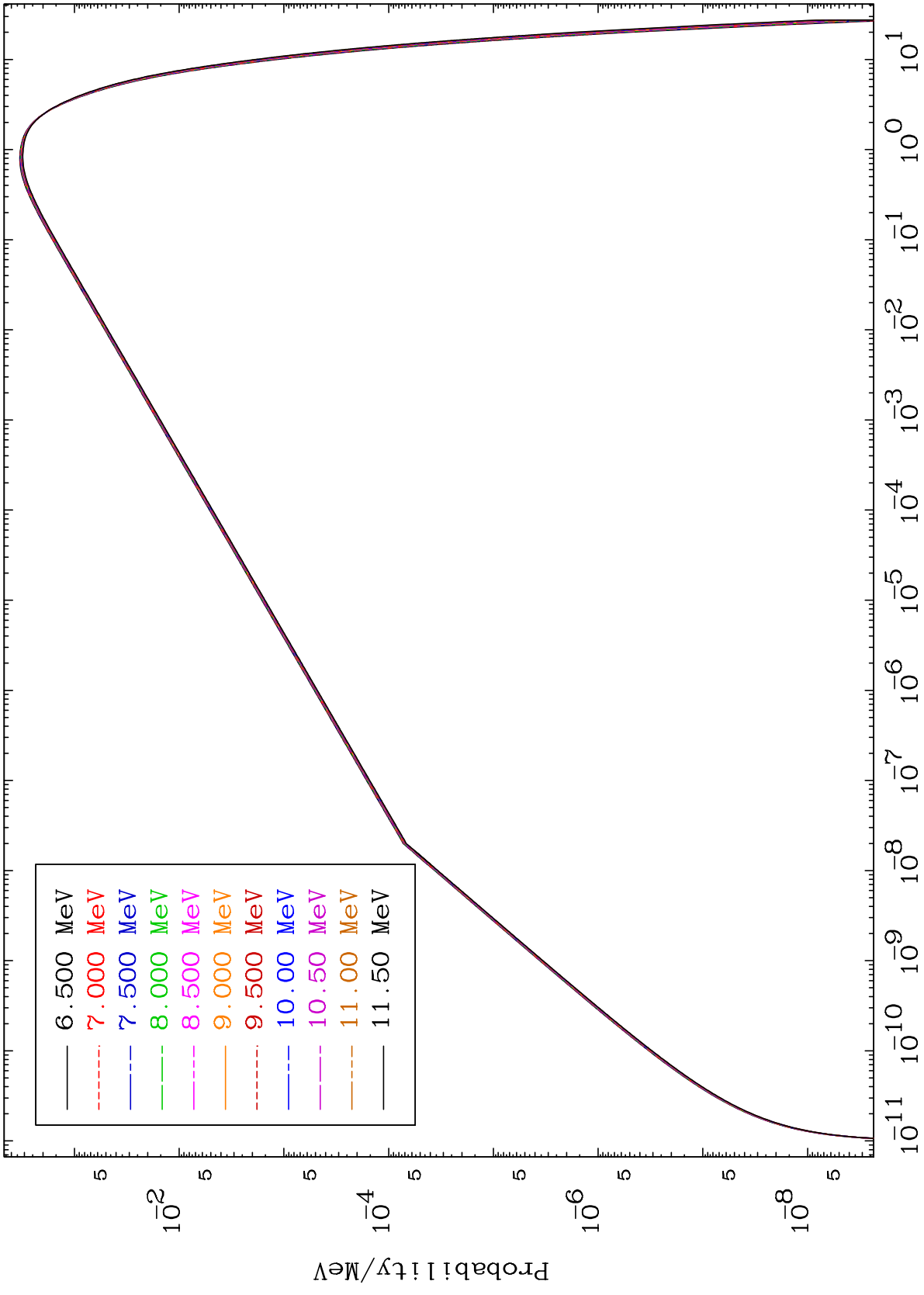


90-Th-224

MAT 9016

Fission Energy Distribution

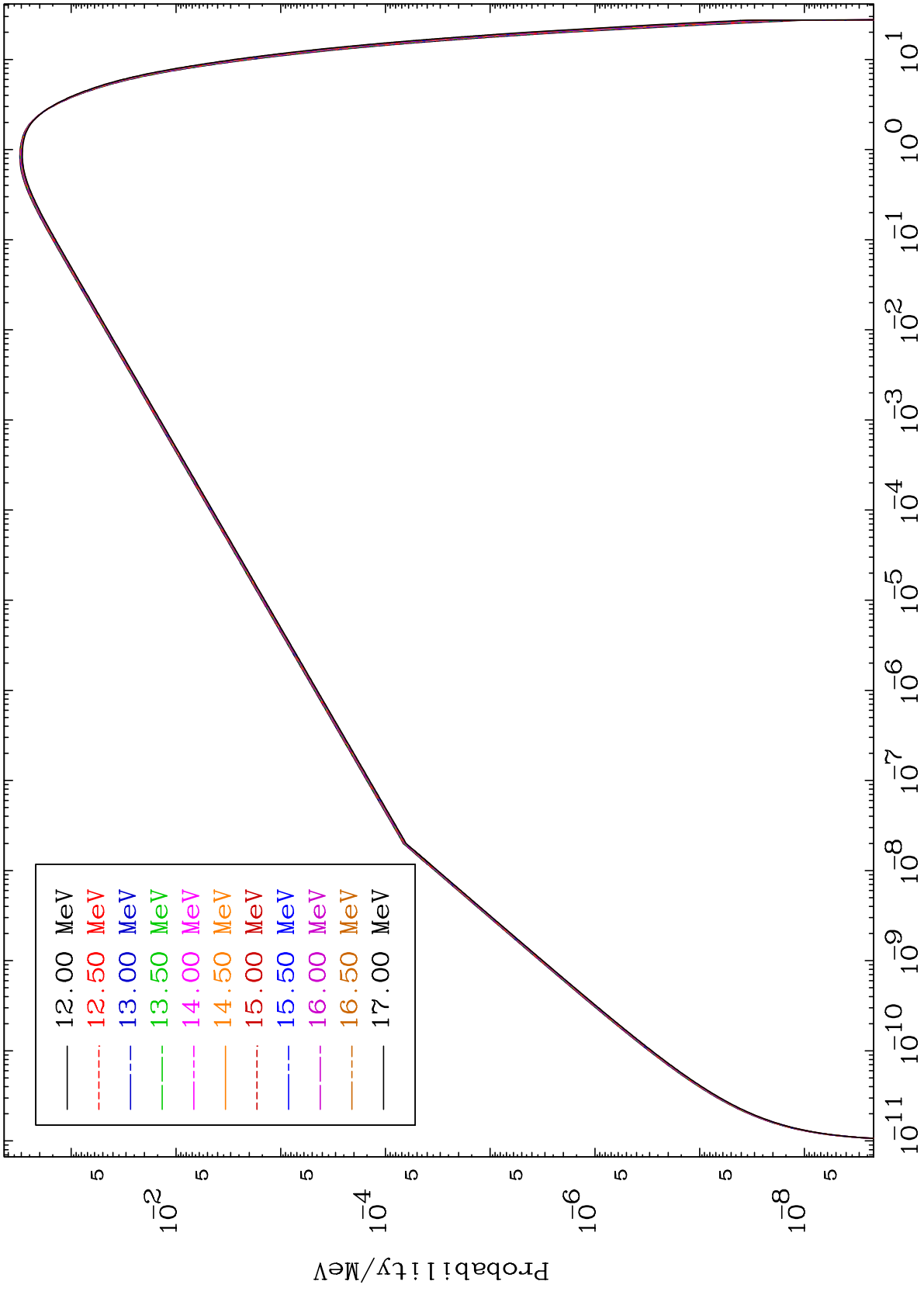
90-Th-224



MAT 9016

Fission Energy Distribution

90-Th-224

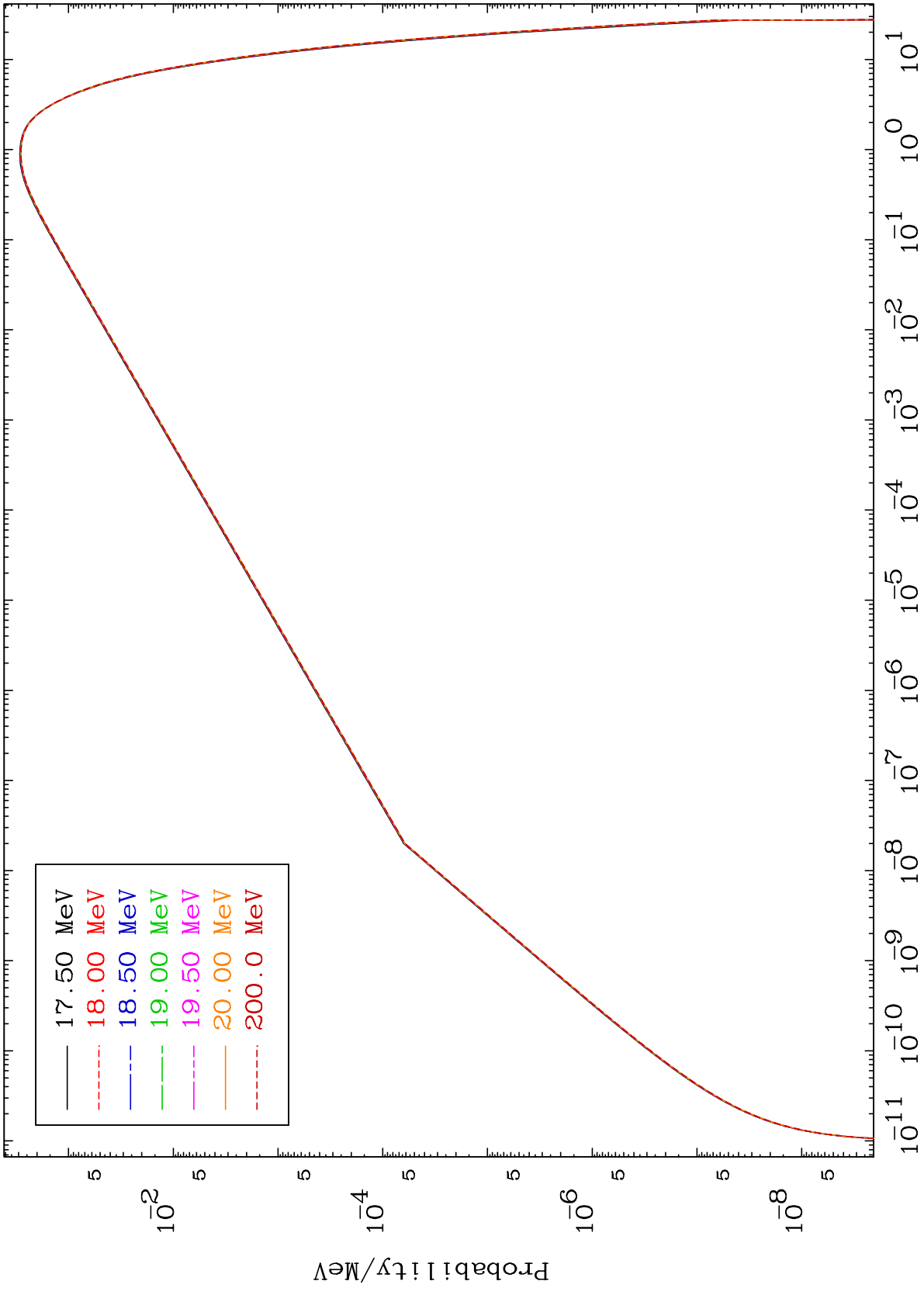


90-Th-224

MAT 9016

Fission Energy Distribution

90-Th-224



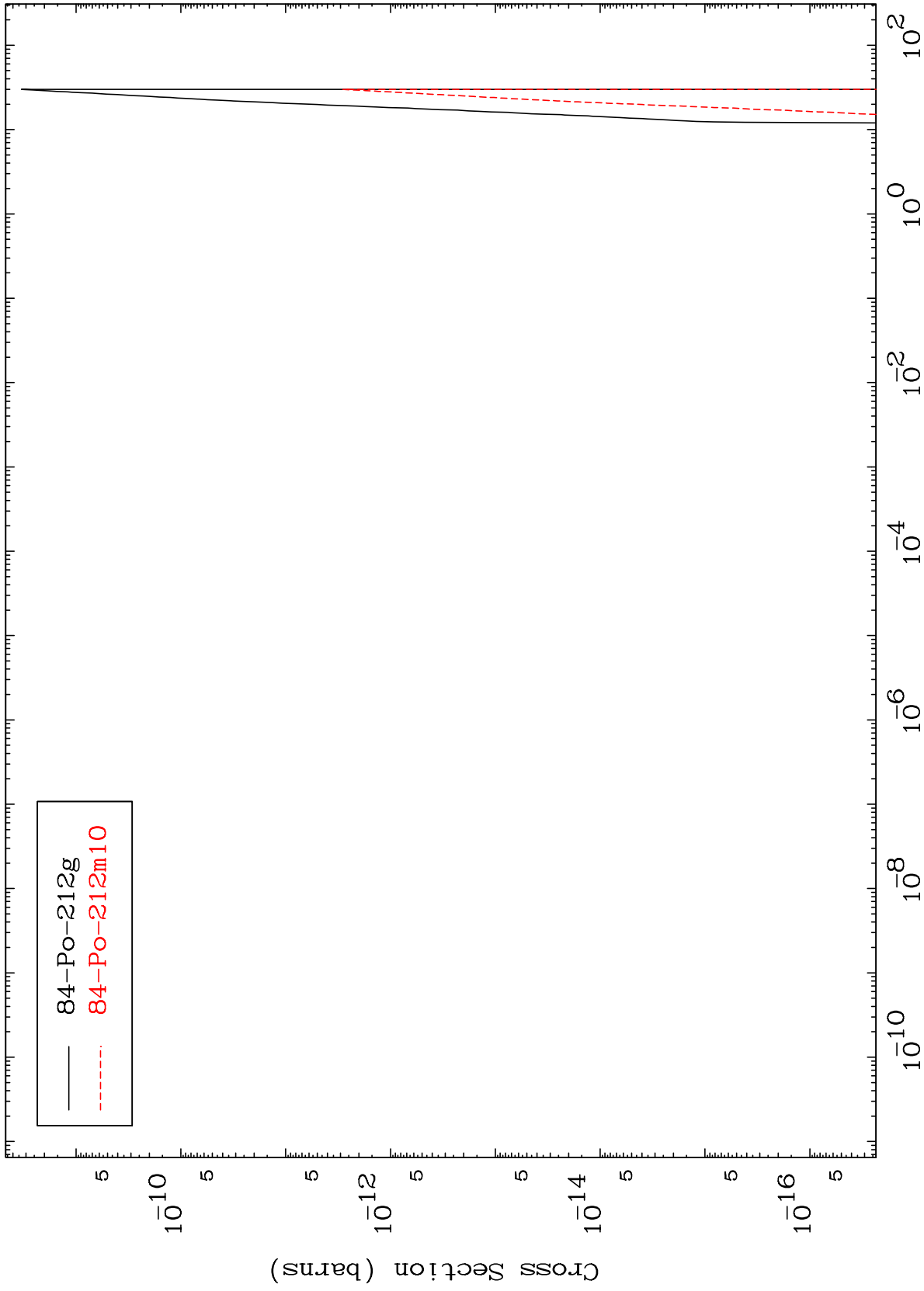
—	17.50	MeV
- - -	18.00	MeV
- · - ·	18.50	MeV
- - -	19.00	MeV
- · - ·	19.50	MeV
- - -	20.00	MeV
- - -	200.0	MeV

MAT 9016

(n,n') 3 α

90-Th-224

Radionuclide Production Cross Section



25

Incident Energy (MeV)

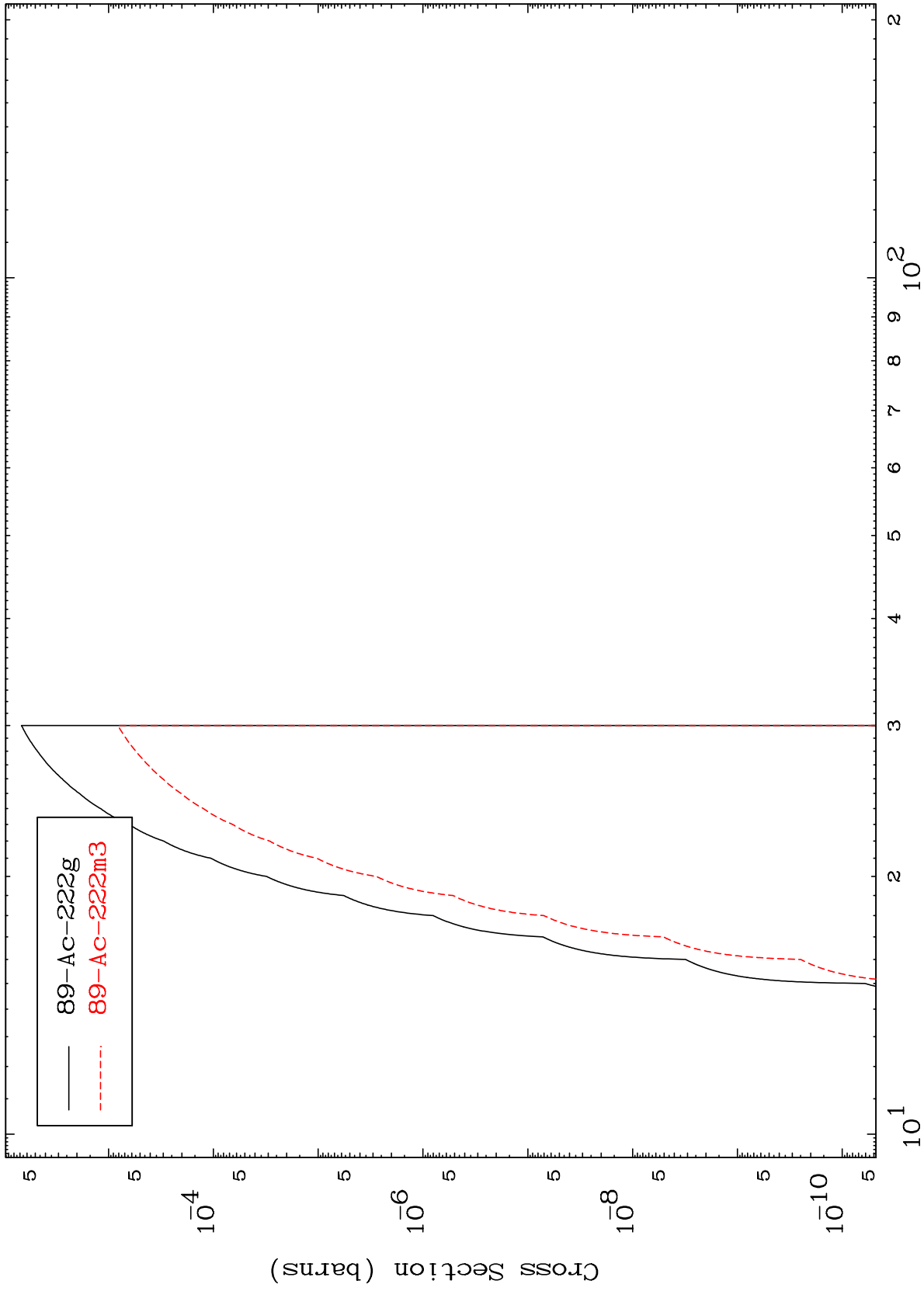
90-Th-224

MAT 9016

(n,n') d

90-Th-224

Radionuclide Production Cross Section



26

Incident Energy (MeV)

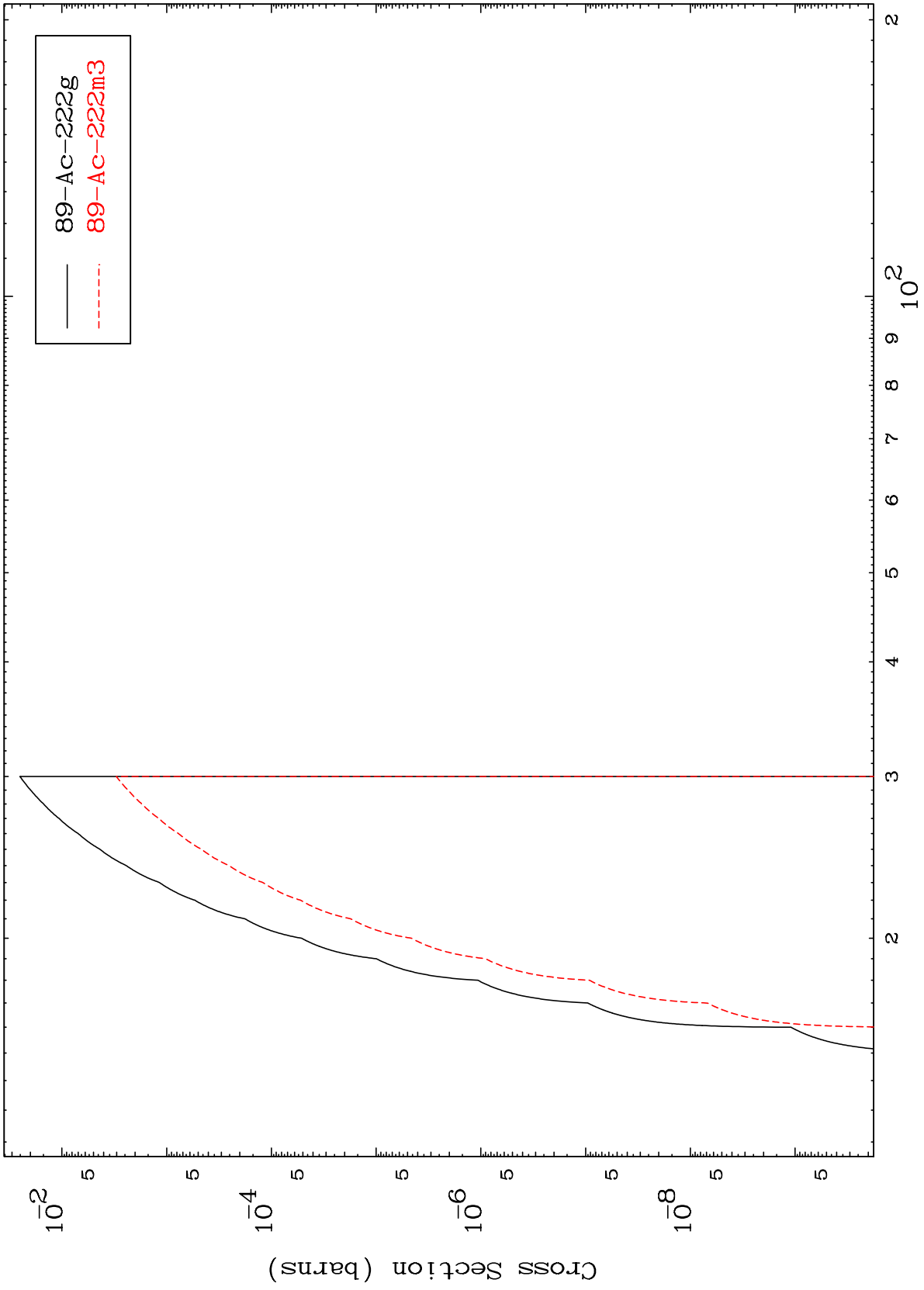
90-Th-224

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(n,2n) p

90-Th-224

Radionuclide Production Cross Section



27

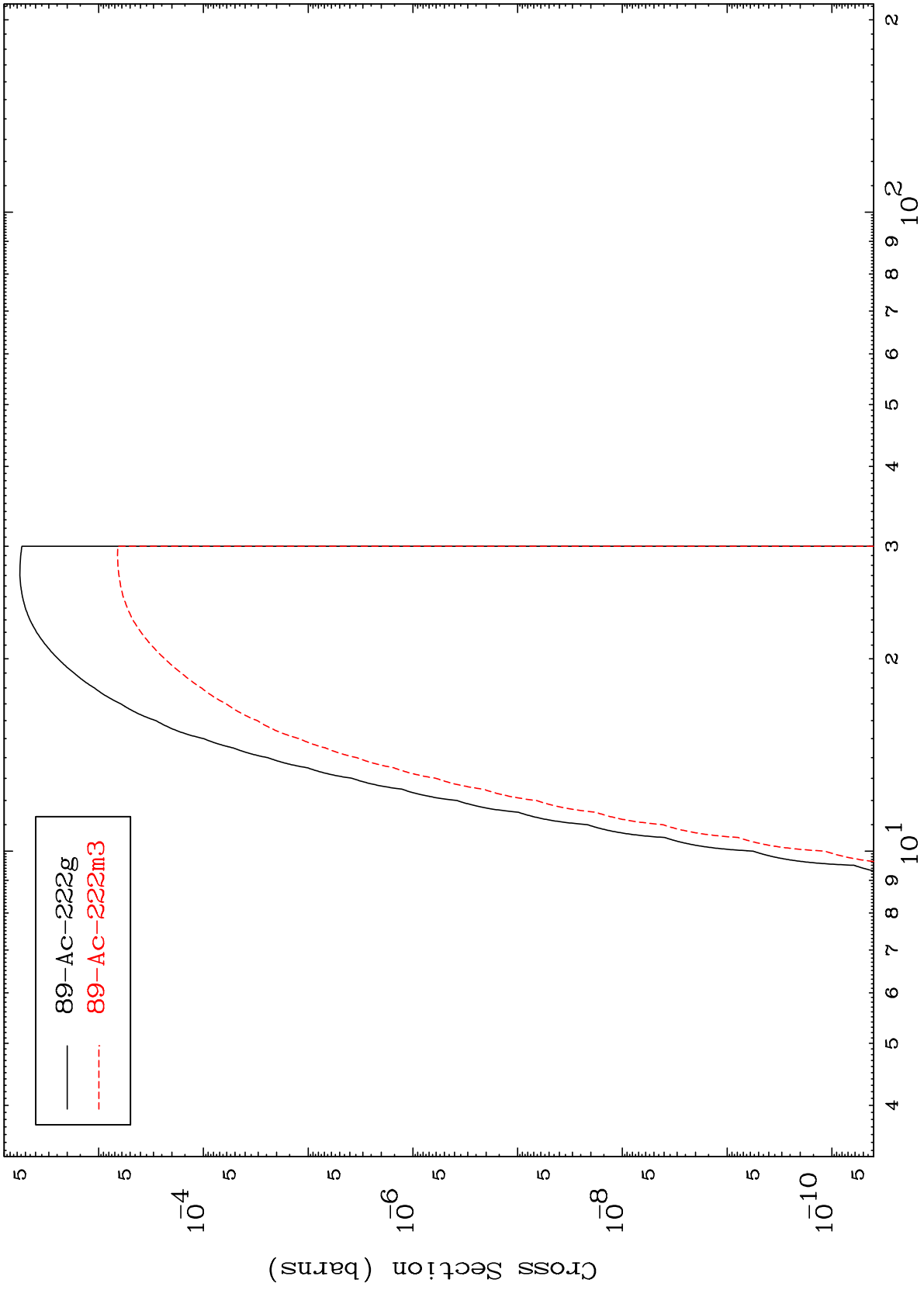
Incident Energy (MeV)

90-Th-224

MAT 9016

90-Th-224

Radionuclide Production Cross Section



89-Ac-222g
89-Ac-222m3

28

90-Th-224